eCast Monthly All Stations Report for 2010-12-01 ~ 2010-12-31

January 4, 2011

Copyright (c) Atmospheric and Environmental Research (AER), Inc., 2011

AER Proprietary Information --

Release or disclosure only with the expressed written permission of AER

ECMWF/MEX MAX Temperature Regional Summary

MAE (2010-12-01~2010-12-31)

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ALL	0.14	3.0/2.8	3.2/3.1	3.3/3.5	3.6/3.9	4.0/4.2	4.5/4.8	5.1/5.4	5.8/8.7	6.5/8.9	6.8/9.0	7.0/9.1	7.2/9.3	7.3/9.4	7.5/9.6	7.7/9.7

Bias (2010-12-01~2010-12-31)

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ALL	0.39	0.4/-1.1	0.3/-0.9	0.3/-0.6	0.3/-0.3	0.2/-0.0	-0.0/0.1	-0.0/0.1	-0.0/4.1	0.1/4.4	0.0/4.6	0.2/4.9	0.5/5.2	0.9/5.5	1.3/5.8	1.4/6.1

red: S < -0.3 orange: -0.3 < S < -0.1 grey: -0.1 < S < 0.1 green: 0.1 < S < 0.3 blue: S > 0.3

S_score: average of (1 - ECMWF-value / MEX-value)

red: B >= 4.0 orange: 4.0 > B >= 2.0 black: 2.0 > B >= -2.0 green: -2.0 > B >= -4.0 blue: B < -4.0

avg_bias: average of ECMWF-value

ECMWF/MEX MIN Temperature Regional Summary

MAE (2010-12-01~2010-12-31)

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ALL	0.08	3.8/0.0	3.9/3.4	4.0/3.6	4.3/3.8	4.5/4.1	4.9/4.5	5.1/4.9	5.6/7.9	6.1/8.0	6.3/8.1	6.5/8.2	6.5/8.3	6.5/8.4	6.6/8.5	6.8/--

Bias (2010-12-01~2010-12-31)

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ALL	-0.97	-0.3/0.0	-0.5/-0.5	-0.6/-0.2	-0.9/0.0	-1.1/0.3	-1.3/0.7	-1.3/0.8	-1.3/2.6	-1.4/2.9	-1.6/3.1	-1.4/3.4	-1.2/3.6	-1.0/3.9	-0.6/4.2	-0.0/--

red: S < -0.3 orange: -0.3 < S < -0.1 grey: -0.1 < S < 0.1 green: 0.1 < S < 0.3 blue: S > 0.3

S_score: average of (1 - ECMWF-value / MEX-value)

red: B >= 4.0 orange: 4.0 > B >= 2.0 black: 2.0 > B >= -2.0 green: -2.0 > B >= -4.0 blue: B < -4.0

avg_bias: average of ECMWF-value

ECMWF/MEX MAX Temperature in ALL

MAE (2010-12-01~2010-12-31)

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	0.38	2.2/2.9	2.1/3.2	2.1/3.9	1.9/3.8	2.4/3.9	3.0/3.9	3.5/4.4	3.5/8.5	5.1/8.8	5.6/9.0	5.4/9.3	5.9/9.5	6.1/9.8	6.4/10.1	6.8/10.4
ABI	0.01	3.9/3.4	4.6/4.4	5.1/5.3	5.9/6.3	6.5/7.0	6.7/7.8	8.0/8.4	8.5/9.7	9.1/9.7	9.8/9.5	10.2/9.6	10.2/9.6	9.9/9.6	9.7/9.6	9.8/9.5
ABQ	-0.11	2.0/2.3	2.2/2.0	2.4/2.0	2.5/2.7	2.8/3.3	3.4/3.4	3.7/3.9	5.0/5.8	6.4/5.6	6.8/5.4	6.4/5.3	6.9/5.2	6.8/5.1	6.8/5.0	7.0/4.9
ABY	0.29	2.0/2.8	2.5/3.0	2.8/3.9	3.4/4.6	3.8/5.5	4.6/5.5	4.9/6.9	6.1/11.1	6.8/11.2	7.4/11.3	8.1/11.4	8.2/11.6	8.5/11.8	8.7/12.0	9.0/12.1
ACT	0.02	3.0/3.3	3.8/3.5	4.1/3.7	4.4/4.3	4.7/5.3	5.6/6.2	6.6/7.4	7.2/8.6	7.9/8.6	8.5/8.6	8.9/8.6	9.0/8.5	8.6/8.5	8.7/8.4	8.6/8.4
ACY	0.34	2.1/3.0	2.2/2.5	2.5/2.8	2.7/4.7	3.0/3.9	3.5/4.2	3.7/4.4	3.9/10.0	5.5/10.2	5.7/10.3	5.6/10.6	6.3/10.8	6.5/11.0	6.5/11.3	7.0/11.5
ALB	0.33	2.5/4.2	2.4/3.5	2.7/4.2	2.6/4.2	3.3/5.2	3.9/4.8	4.2/4.9	4.0/9.1	5.9/9.4	6.5/9.5	6.6/9.8	7.0/10.1	7.3/10.3	7.4/10.6	7.6/10.8
ALW	0.09	5.9/4.4	5.8/5.7	5.6/6.1	5.3/5.9	5.0/6.0	5.3/6.3	5.9/6.6	7.0/9.1	7.8/9.1	7.5/9.2	7.5/9.3	7.7/9.2	7.9/9.3	9.2/9.3	9.7/9.3
AOO	0.39	2.6/3.8	2.2/3.5	2.4/3.7	2.5/4.1	3.5/4.6	4.8/4.5	5.0/5.6	4.2/12.4	5.0/12.6	5.8/12.8	6.4/13.2	6.4/13.4	6.8/13.7	7.8/14.0	8.2/14.3
APN	0.15	2.5/2.3	2.6/3.1	3.3/4.0	3.8/4.7	4.7/4.9	4.9/5.6	5.7/4.9	7.1/8.5	7.0/8.8	6.2/9.1	7.2/9.4	7.4/9.7	7.7/10.0	8.2/10.3	8.4/10.5
ATL	0.24	2.3/3.1	2.3/2.5	3.1/3.5	3.3/4.1	3.8/4.9	4.3/5.0	5.6/6.5	6.9/10.9	7.3/11.2	7.8/11.3	8.2/11.5	8.5/11.7	8.6/11.9	8.6/12.1	9.0/12.3
AUG	0.15	2.3/2.6	2.4/3.3	3.2/3.7	4.0/5.4	4.9/5.6	5.9/5.9	6.4/5.9	6.4/7.9	6.4/8.0	7.2/8.0	7.2/8.2	6.6/8.2	6.9/8.4	6.6/8.5	6.8/8.7
AUS	0.08	2.4/2.9	3.0/3.1	3.4/3.4	3.4/3.5	4.1/4.8	4.5/5.3	5.2/6.6	6.2/7.9	7.4/7.9	7.6/7.9	8.1/7.9	8.4/7.8	7.6/7.7	7.1/7.8	7.2/7.9
AVP	0.33	4.2/3.4	2.8/3.6	3.2/3.3	2.8/4.8	2.5/4.2	3.0/4.0	3.2/5.0	3.6/10.3	5.1/10.6	5.9/10.8	6.6/11.1	6.7/11.3	7.0/11.5	7.4/11.9	7.9/12.2
BDL	0.29	2.1/3.2	2.3/3.7	2.3/3.8	2.6/4.1	3.1/4.2	3.7/4.5	4.1/4.7	4.1/7.8	5.9/8.0	6.2/8.3	6.1/8.6	6.6/8.8	6.9/9.1	6.9/9.4	7.1/9.6
BFL	-0.04	3.9/4.1	4.2/4.7	4.1/5.5	4.5/5.0	4.8/4.8	5.3/4.5	5.4/5.3	5.6/5.0	5.3/4.8	4.6/4.8	4.7/4.6	5.0/4.5	5.1/4.4	5.3/4.3	5.1/4.2
BGM	0.42	1.7/3.3	1.8/3.9	1.9/3.8	2.4/4.8	3.1/4.5	3.8/4.4	3.7/5.3	4.1/10.4	5.4/10.6	6.2/10.8	6.4/11.1	6.8/11.4	6.9/11.6	7.3/11.9	7.9/12.2
BHM	0.20	2.3/3.0	2.7/2.5	3.0/3.4	3.2/3.7	4.0/4.6	4.3/5.1	5.6/5.9	6.5/10.3	7.3/10.4	7.8/10.5	8.1/10.7	8.2/10.9	8.4/11.1	8.4/11.3	8.8/11.4
BIS	0.12	4.0/2.6	4.6/2.9	4.7/3.5	4.8/4.4	5.2/4.2	4.9/5.5	5.7/6.4	6.1/9.3	5.8/9.6	5.6/9.8	5.8/10.1	5.8/10.3	5.4/10.5	5.3/10.8	6.6/11.1
BNA	0.23	2.7/3.5	2.9/3.0	3.1/3.4	3.3/4.5	4.1/4.9	4.8/5.3	5.6/6.1	6.8/11.3	7.3/11.5	7.6/11.7	8.4/11.9	8.7/12.2	8.8/12.3	9.1/12.6	9.7/12.8
BOI	-0.09	3.0/3.3	3.1/3.7	3.4/3.5	3.6/4.5	4.0/4.5	4.6/4.5	4.5/3.5	5.3/5.9	5.5/5.8	6.3/5.8	6.7/5.7	6.6/5.6	6.8/5.5	7.9/5.5	8.7/5.5
BOS	0.21	3.0/2.0	2.4/2.4	2.4/2.7	2.3/3.3	3.3/3.9	3.4/4.5	3.7/4.8	3.7/7.8	4.7/8.1	6.0/8.3	5.9/8.5	6.1/8.7	6.5/8.9	6.6/9.1	6.6/9.4
BRO	0.04	3.9/3.9	4.4/3.0	4.7/2.8	4.0/3.6	4.2/3.4	4.4/4.5	4.2/5.3	4.7/7.3	4.8/7.2	5.1/7.0	5.4/6.9	5.7/7.0	5.7/6.9	5.6/6.7	5.7/6.7
BTV	0.30	2.5/3.8	2.6/4.0	2.6/4.4	3.0/5.4	3.8/5.9	4.9/5.7	5.0/5.3	4.8/9.4	6.4/9.6	7.1/9.8	7.2/10.0	7.7/10.3	8.0/10.5	8.0/10.8	8.2/11.1
BUF	0.34	2.2/2.6	2.0/2.9	2.1/2.8	2.7/2.9	3.0/3.5	3.4/4.1	3.6/4.6	4.2/9.8	4.9/10.0	5.2/10.4	5.5/10.6	6.1/10.9	6.4/11.2	6.9/11.5	7.4/11.8
BUR	0.09	2.6/2.4	3.1/3.3	3.3/4.2	3.8/4.2	4.1/4.7	4.3/5.5	5.1/5.4	5.7/7.6	5.8/7.6	6.0/7.6	7.1/7.5	7.7/7.6	7.9/7.7	8.1/7.8	8.3/7.8
BWI	0.38	2.5/3.3	2.3/3.5	2.4/4.0	2.8/3.7	3.1/4.0	3.6/4.3	4.0/4.8	4.3/10.0	5.2/10.2	5.5/10.4	5.4/10.7	5.7/10.8	5.7/11.2	6.0/11.4	6.4/11.6
CAE	0.35	2.1/3.1	2.6/3.4	2.5/4.1	2.9/4.5	4.1/5.0	4.4/5.3	4.8/6.5	5.5/10.4	6.1/10.5	6.3/10.8	6.8/11.0	6.8/11.2	6.7/11.4	6.6/11.6	7.0/11.9
CHA	0.27	2.4/2.7	2.3/2.9	3.0/3.4	3.4/4.2	3.9/4.9	4.2/5.3	5.1/6.0	6.1/11.2	6.8/11.4	7.1/11.6	7.8/11.8	8.2/12.0	8.1/12.3	8.3/12.6	9.1/12.7
CLE	0.30	2.0/1.7	2.0/2.1	2.1/3.1	2.8/2.8	2.8/3.1	3.3/3.7	4.1/4.5	5.2/11.3	5.5/11.5	5.8/11.8	6.0/12.1	6.1/12.4	6.4/12.7	7.1/13.0	7.7/13.3
CLT	0.35	2.6/3.2	2.3/3.2	2.9/4.0	3.0/4.6	3.8/4.6	4.7/5.6	5.3/6.7	6.2/11.6	6.9/11.8	6.6/12.0	6.6/12.2	7.2/12.5	6.9/12.7	6.8/13.0	7.7/13.2
CMH	0.41	2.1/2.6	2.2/3.0	2.2/3.6	2.7/3.5	3.0/3.4	2.9/4.2	4.2/5.1	5.4/13.6	5.8/13.9	6.0/14.3	6.4/14.5	6.4/14.8	6.8/15.1	7.2/15.4	7.9/15.7
CON	0.09	3.5/2.9	3.4/3.2	3.5/4.0	3.3/3.7	4.0/4.3	5.0/4.8	5.1/5.2	4.9/7.0	6.1/7.1	6.5/7.3	6.4/7.5	6.5/7.8	7.0/7.9	6.9/8.1	7.1/8.5
COS	0.03	4.0/4.7	3.9/5.6	4.7/6.0	5.1/5.9	6.1/7.6	7.2/7.9	8.1/8.2	9.3/9.6	9.7/9.6	9.7/9.5	11.0/9.5	11.2/9.5	10.3/9.3	10.6/9.2	10.0/9.1
COU	0.09	4.7/2.5	3.8/3.0	3.4/2.9	3.9/4.4	4.0/4.2	5.4/5.9	7.2/7.4	7.1/11.6	8.2/11.9	8.6/12.0	9.0/12.3	9.3/12.5	9.2/12.7	9.4/12.9	9.4/13.2
CQT	-0.02	3.9/3.0	4.0/2.9	4.8/3.7	5.0/3.5	4.5/3.6	4.3/4.0	3.9/4.4	4.3/6.3	4.7/6.3	5.0/6.5	5.6/6.5	5.9/6.6	6.0/6.6	6.1/6.6	6.0/6.6
CRP	0.12	3.0/2.7	2.8/2.8	2.8/3.2	2.8/3.4	3.0/4.0	3.5/5.0	4.9/6.3	5.7/8.8	6.8/8.7	7.3/8.6	8.5/8.6	8.5/8.7	8.1/8.6	8.1/8.5	8.3/8.4
CRW	0.15	5.5/2.9	5.3/2.7	5.1/3.7	4.4/3.9	3.4/4.8	4.4/6.4	5.4/7.4	6.2/16.4	7.2/16.6	8.1/16.9	8.9/17.1	9.1/17.4	10.4/17.6	11.6/17.9	12.0/18.2
CVG	0.35	1.9/2.4	2.1/3.0	2.9/3.7	3.6/4.2	4.0/4.5	4.2/5.3	5.4/5.8	7.1/14.1	7.5/14.3	7.4/14.6	7.2/14.9	7.1/15.2	7.6/15.5	8.1/15.8	9.0/16.2
DAY	0.31	2.2/2.8	2.6/2.9	2.9/3.8	3.4/3.8	3.9/3.9	4.0/4.9	5.2/5.7	6.8/12.8	7.2/13.0	7.1/13.3	7.1/13.6	7.1/13.9	7.5/14.2	7.9/14.5	8.6/14.8
DBQ	0.28	2.4/3.4	2.4/3.4	2.8/4.0	3.4/4.6	4.0/4.5	5.1/6.6	7.1/8.9	7.1/9.2	6.8/9.4	6.9/9.7	6.9/10.0	6.7/10.4	6.8/10.6	7.3/11.0	7.4/11.3
DCA	0.40	2.2/2.6	2.0/3.6	2.4/3.0	2.4/3.7	2.5/3.5	3.0/3.6	3.2/4.3	3.8/9.8	4.7/10.0	4.9/10.2	5.0/10.5	5.5/10.7	5.4/11.0	5.5/11.3	6.2/11.5
DEC	0.27	2.6/2.4	2.8/2.9	2.5/3.3	2.8/3.7	3.8/3.7	4.4/5.1	6.4/7.1	6.9/12.4	7.2/12.7	7.0/13.0	7.7/13.3	7.8/13.6	8.0/14.0	8.5/14.3	9.0/14.6
DEN	-0.09	4.1/2.9	4.1/3.7	4.3/4.7	4.4/4.7	5.4/5.6	6.5/7.0	8.1/7.4	9.5/10.0	10.5/9.9	10.6/9.8	11.3/9.6	11.3/9.6	11.2/9.6	11.5/9.6	11.6/9.4
DFW	0.08	2.5/2.9	3.0/3.5	3.2/3.9	4.3/5.6	4.5/5.8	5.4/6.3	6.8/7.0	7.4/9.1	8.4/9.2	9.5/9.1	10.0/9.1	10.3/9.1	9.4/9.1	9.0/9.1	8.7/9.2
DLH	0.26	1.8/3.8	2.0/3.0	2.6/3.5	3.3/4.1	4.0/4.3	5.5/5.5	5.7/6.9	5.7/7.9	5.9/8.1	6.0/8.3	5.9/8.4	5.7/8.5	5.7/8.8	6.5/8.8	6.8/9.0
DSM	0.22	2.6/4.0	3.2/4.3	3.0/4.3	4.3/4.7	4.3/5.3	4.7/6.8	6.5/7.4	6.8/9.8	7.9/10.0	8.5/10.2	8.8/10.4	8.8/10.6	8.8/10.9	8.6/11.1	9.0/11.4
DTW	0.18	1.8/1.9	2.1/2.3	2.4/2.7	2.6/2.5	3.1/3.1	3.5/3.4	4.2/3.9	5.4/9.2	5.9/9.5	6.4/9.8	6.7/10.2	6.9/10.5	7.5/10.8	8.2/11.2	8.5/11.5
ELP	0.09	2.4/1.5	2.6/1.6	2.6/2.8	2.1/2.6	2.0/2.5	2.4/3.1	2.5/4.1	3.8/7.5	5.5/7.4	6.6/7.2	5.7/6.9	6.0/6.8	5.6/6.6	5.7/6.4	6.0/6.2
ERI	0.31	1.5/1.9	1.8/1.9	2.3/2.2	2.6/2.9	3.3/3.0	3.5/4.6	3.9/4.3	4.7/11.1	5.2/11.3	5.5/11.6	5.5/12.0	6.1/12.2	6.5/12.5	7.1/12.8	7.6/13.2
EUG	0.09	3.5/2.6	3.1/4.5	3.7/4.7	4.6/5.4	3.4/5.4	2.8/5.3	3.0/5.3	3.6/4.6	4.2/4.5	4.2/4.5	4.6/4.5	4.7/4.5	5.0/4.5	5.3/4.5	5.1/4.4
EVV	0.13	3.1/3.1	3.8/2.7	3.8/2.5	3.6/2.4	3.5/3.8	4.0/4.9	5.6/6.2	6.5/12.0	7.3/12.3	7.8/12.6	8.2/12.9	8.4/13.1	8.7/13.5	9.0/13.8	9.0/14.1
EWR	0.33	2.3/2.6	2.4/3.0	2.5/3.1	2.3/4.1	2.7/3.6	2.8/3.7	3.3/4.1	3.0/7.5	4.5/7.8	4.8/8.1	4.8/8.4	5.4/8.6	5.6/8.9	5.4/9.1	5.6/9.5
FAR	0.10	2.9/3.8	3.6/5.2	3.7/4.9	4.5/5.1	6.0/6.7	5.8/8.0	5.7/8.3	8.0/8.1	8.4/8.1	9.0/8.2	8.7/8.2	8.4/8.2	8.1/8.5	7.7/8.4	8.7/8.5
FAT	-0.04	3.0/2.9	3.1/3.6	3.1/4.2	3.2/4.2	3.4/4.3	4.3/3.8	4.6/3.9	4.9/4.0	4.7/3.9	3.5/3.7	3.5/3.5	3.5/3.4	4.1/3.4	4.1/3.4	3.7/3.2
FLG	-0.02	2.5/3.0	3.2/3.5	3.4/4.1	3.7/4.1	4.5/4.7	5.4/5.7	6.4/6.7	7.2/7.6	7.9/7.6	8.4/7.5	8.4/7.5	8.6/7.4	8.7/7.4	8.8/7.4	8.7/7.3
FMY	0.02	2.4/2.3	3.2/2.2	3.7/2.5	3.6/2.7	4.2/3.1	4.9/3.9	5.6/4.5	6.5/9.5	7.4/9.7	7.2/9.8	6.7/9.9	6.5/10.0	6.3/10.2	6.9/10.4	7.0/10.5
FSD	0.15	3.0/3.2	3.2/3.6	3.6/3.9	3.9/4.3	4.0/6.0	5.2/7.6	5.3/8.8	6.8/8.0	7.6/8.2	8.2/8.3	7.7/8.4	7.6/8.6	7.7/8.9	7.6/9.1	7.8/9.3
FWA	0.30	1.8/2.2	2.0/2.3	2.2/3.0	2.9/3.6	3.5/4.0	4.2/4.7	4.9/5.8	6.5/10.6	7.2/10.9	6.9/11.3	6.9/11.6	6.7/11.9	6.9/12.3	7.3/12.7	8.1/13.0

GAD	0.29	2.8/2.7	2.9/3.1	2.6/3.7	2.8/4.4	3.4/4.9	3.9/5.3	4.9/5.8	5.9/11.1	6.5/11.3	6.9/11.5	7.6/11.7	7.8/12.0	8.1/12.2	8.3/12.4	8.6/12.7
GEG	0.15	1.9/3.1	2.1/4.1	2.5/3.9	2.2/3.8	2.1/4.4	1.8/4.3	2.6/4.5	3.4/4.8	4.5/4.8	4.8/4.7	5.5/4.7	5.8/4.8	5.7/4.8	6.4/4.7	6.7/4.8
GTF	-0.66	7.3/5.8	7.3/5.3	8.3/5.2	8.8/5.5	9.6/5.1	10.8/6.4	11.9/7.6	12.7/8.7	14.2/8.6	14.8/8.5	15.2/8.5	15.4/8.4	15.3/8.2	15.2/8.2	14.4/8.1
HOU	0.10	2.2/3.1	2.8/2.5	2.8/3.4	2.9/3.2	3.2/3.6	4.0/5.1	4.9/5.5	6.0/8.7	6.9/8.5	7.8/8.6	8.8/8.6	9.0/8.6	8.6/8.5	8.2/8.6	8.2/8.7
HSV	0.21	1.8/2.8	2.2/2.5	2.6/3.1	3.2/3.6	3.9/4.3	4.4/5.2	5.6/5.5	6.6/10.2	7.1/10.4	7.7/10.6	8.0/10.8	8.4/11.0	8.2/11.1	8.4/11.3	8.9/11.5
IAH	0.14	2.0/3.1	2.5/2.7	2.6/3.4	2.8/3.5	3.1/4.2	4.0/5.0	4.8/5.6	6.0/8.1	6.9/8.3	7.3/8.2	8.3/8.1	8.2/8.1	8.0/8.2	7.6/8.3	7.8/8.2
ICT	-0.05	3.8/3.5	4.2/4.1	4.4/3.9	4.8/4.7	5.6/5.6	6.5/6.7	8.0/8.6	8.6/8.4	9.7/8.5	9.7/8.6	9.4/8.6	10.0/8.7	9.8/8.8	8.9/8.8	9.0/9.0
ILG	0.35	2.7/3.2	2.7/3.6	2.8/4.1	3.3/4.7	3.6/4.3	3.9/4.6	4.2/4.7	4.7/9.9	5.8/10.3	6.4/10.5	5.4/10.8	5.7/11.1	5.7/11.3	6.1/11.6	6.4/11.9
IND	0.28	2.1/2.1	2.0/2.3	2.4/2.8	3.1/3.6	3.6/4.1	4.0/4.6	5.7/5.9	7.4/12.3	7.7/12.7	7.3/13.0	7.2/13.3	7.1/13.7	7.3/14.1	8.1/14.4	8.4/14.7
IPT	0.30	3.1/3.4	2.6/3.6	2.8/3.9	2.9/3.4	3.1/3.6	3.5/4.0	3.6/4.3	3.3/7.5	4.1/7.7	4.6/8.0	5.1/8.2	5.5/8.4	5.3/8.7	6.1/9.0	6.1/9.3
JAN	0.14	2.2/2.6	2.6/2.8	2.9/3.2	3.5/4.2	4.3/4.9	5.3/5.8	5.5/6.6	6.6/9.8	7.3/9.8	8.5/9.9	8.7/10.0	9.2/10.1	9.2/10.2	9.0/10.2	9.0/10.3
JAX	0.20	2.9/3.7	3.3/3.3	3.4/3.3	3.4/3.7	4.0/4.6	4.1/4.9	4.8/6.1	5.4/9.7	6.6/9.8	7.0/9.9	7.4/10.1	7.6/10.2	7.6/10.3	8.2/10.4	8.8/10.6
JFK	0.20	4.5/2.8	3.6/2.9	3.4/3.3	3.1/4.2	3.1/4.2	2.9/4.0	3.9/4.5	3.9/8.5	4.7/8.8	5.4/9.0	6.5/9.3	6.1/9.5	7.0/9.7	7.1/10.0	7.2/10.3
LAN	0.25	1.5/1.6	1.6/2.0	1.9/3.1	2.4/3.3	3.0/3.2	3.2/3.9	4.3/4.4	5.5/9.1	5.9/9.4	6.2/9.6	6.8/9.9	7.1/10.2	7.5/10.5	8.2/10.9	8.6/11.2
LAS	-0.24	4.0/1.9	3.8/2.0	3.7/2.0	3.8/2.6	3.6/3.1	3.3/3.1	3.9/3.3	4.4/4.1	4.6/4.1	4.0/4.2	3.6/4.2	3.9/4.2	4.2/4.2	4.3/4.3	4.4/4.4
LAX	0.07	3.5/2.8	3.8/4.1	3.8/3.3	3.8/3.7	3.9/3.7	4.2/3.7	4.1/3.7	4.1/4.9	4.0/4.9	3.6/5.0	4.0/5.0	4.1/5.2	4.2/5.2	4.2/5.3	4.3/5.4
LEX	0.09	5.3/2.5	6.0/2.7	6.1/3.6	4.2/4.4	3.5/4.4	4.3/6.2	5.4/7.3	6.6/15.1	7.5/15.4	8.1/15.6	8.7/15.8	9.0/16.2	9.7/16.4	10.9/16.7	10.9/17.0
LFK	0.05	3.2/3.2	3.4/3.3	4.0/3.9	4.2/4.6	4.7/5.3	5.7/5.8	6.3/6.6	7.1/8.7	7.7/8.8	8.0/8.8	8.5/8.8	8.6/8.7	8.5/8.7	8.4/8.8	8.4/8.8
LGA	0.38	2.4/2.7	2.4/3.5	2.4/3.9	2.1/4.0	2.5/3.7	2.8/4.1	3.5/4.4	3.3/8.3	4.8/8.5	5.1/8.7	5.0/8.9	5.5/9.2	5.6/9.4	5.4/9.6	5.8/9.9
LGB	0.09	3.4/3.1	3.8/3.0	4.0/3.4	4.2/3.6	4.3/3.7	4.7/4.4	4.6/4.2	4.7/7.5	4.9/7.7	4.8/7.7	5.4/7.8	6.0/7.8	6.1/7.9	6.1/8.1	6.3/8.3
LIT	0.07	3.0/2.6	3.4/3.2	3.7/3.7	4.0/3.8	4.7/4.4	5.3/5.9	6.2/6.7	7.0/9.1	7.2/9.2	8.1/9.4	8.8/9.5	8.5/9.5	8.3/9.6	8.3/9.8	8.6/9.9
LNS	0.22	2.0/3.2	2.1/3.6	2.4/3.7	2.3/3.7	2.7/3.4	3.3/3.9	3.8/4.2	3.8/5.9	4.8/5.9	5.3/6.0	5.1/6.2	5.4/6.2	5.5/6.3	5.6/6.5	6.1/6.6
MAF	0.10	2.7/3.4	3.3/5.0	3.9/5.9	5.1/6.9	5.8/7.6	6.7/9.1	7.9/10.1	8.9/9.6	9.7/9.7	10.7/9.8	10.7/9.8	10.7/9.7	10.3/9.7	10.1/9.8	10.3/9.8
MBA	0.18	3.0/2.9	3.0/2.9	3.1/3.3	3.1/3.5	3.8/4.2	4.6/4.6	4.8/5.3	4.8/8.0	5.9/8.1	6.5/8.4	6.0/8.5	6.1/8.8	6.5/9.0	6.6/9.3	6.5/9.6
MCI	0.13	3.4/3.7	3.5/4.3	3.6/4.3	4.5/4.8	4.8/5.2	5.8/7.5	7.3/8.5	7.6/9.8	9.0/9.8	9.2/10.0	9.3/10.0	9.5/10.3	9.3/10.4	8.5/10.6	9.1/10.7
MCN	0.26	2.6/3.4	2.4/3.1	3.2/3.9	3.7/4.5	4.2/5.4	4.4/5.3	5.4/7.1	6.2/10.4	6.6/10.4	7.4/10.6	7.6/10.9	7.9/11.1	8.0/11.2	8.0/11.4	8.4/11.5
MCO	0.33	1.5/2.7	2.2/2.8	2.8/3.8	2.6/3.6	2.6/4.7	3.0/4.9	4.1/4.6	5.3/10.4	6.2/10.5	7.3/10.6	7.6/10.7	7.4/10.8	7.1/11.0	7.9/11.1	8.3/11.3
MDT	0.35	2.7/2.5	2.0/3.2	2.2/3.6	2.4/4.1	3.0/4.4	4.2/4.0	4.1/4.1	3.6/8.8	4.2/9.1	4.6/9.3	5.2/9.6	5.1/9.8	5.4/10.0	5.8/10.3	6.1/10.5
MEM	0.15	3.0/3.6	3.0/3.0	3.6/3.2	4.0/3.6	4.1/4.3	4.3/5.4	5.0/6.6	5.6/9.9	6.6/9.9	7.8/10.0	8.7/10.1	8.9/10.2	8.4/10.4	8.2/10.4	8.4/10.6
MHT	0.09	3.9/2.9	3.7/3.1	3.8/3.8	3.5/3.9	4.1/4.6	4.9/4.4	5.1/5.5	5.0/7.5	6.0/7.7	6.6/7.9	6.4/8.1	6.6/8.4	7.2/8.6	7.1/8.9	7.1/9.2
MIA	0.13	2.9/1.7	2.7/2.0	2.5/2.5	2.5/2.7	2.4/3.3	2.6/3.6	3.2/4.0	4.0/7.4	5.3/7.4	5.4/7.5	5.8/7.6	5.9/7.7	6.0/7.8	6.2/7.9	6.0/8.0
MKE	0.10	2.5/2.0	3.1/2.9	3.2/3.9	3.8/3.6	4.2/3.9	4.8/5.2	5.8/6.5	7.2/8.6	7.7/8.8	7.3/9.0	7.5/9.3	7.5/9.6	7.6/9.9	8.2/10.2	8.4/10.5
MOB	0.11	2.9/2.4	4.1/2.8	2.9/3.5	3.3/3.9	3.5/4.1	4.0/4.6	4.6/4.8	5.6/8.7	6.0/8.9	7.1/9.0	7.1/9.0	7.5/9.2	7.7/9.4	7.8/9.4	7.8/9.5
MSP	0.25	2.6/3.6	3.0/3.2	3.1/4.2	4.0/4.4	4.5/4.9	5.4/6.8	6.6/8.1	6.6/8.6	6.5/8.8	6.3/9.0	6.1/9.3	5.7/9.5	6.1/9.8	6.9/10.1	7.6/10.4
MSY	0.14	1.9/2.6	2.4/2.8	2.8/2.9	3.5/3.6	4.2/4.3	4.8/5.5	5.1/5.5	6.5/9.6	7.5/9.7	8.2/9.8	8.1/9.9	8.4/10.0	8.7/10.0	8.7/10.1	9.0/10.2
MWL	-0.00	4.0/3.3	4.2/3.6	4.6/4.4	5.7/6.8	6.2/6.3	6.6/7.5	7.8/8.1	8.5/9.6	8.9/9.7	9.9/9.6	10.2/9.6	10.2/9.6	9.8/9.6	9.7/9.7	9.7/9.8
NKX	-1.21	6.7/2.8	7.1/3.4	7.4/3.2	7.8/3.4	7.8/3.4	8.1/3.6	8.4/4.8	8.6/0.0	8.2/0.0	6.1/0.0	5.6/0.0	6.0/0.0	6.1/0.0	5.6/0.0	5.6/0.0
NTU	0.47	2.2/2.9	2.3/3.0	2.6/3.6	3.0/4.8	3.2/4.5	3.4/5.1	3.5/5.6	4.5/14.6	5.8/14.8	5.7/15.1	5.8/15.3	6.1/15.6	6.4/15.9	6.6/16.2	7.2/16.4
OAK	-0.17	2.0/2.0	2.1/2.2	2.2/2.3	2.5/2.4	2.5/2.1	2.8/2.1	3.1/2.0	3.1/2.3	3.1/2.4	2.7/2.5	2.7/2.5	3.1/2.7	3.3/2.7	3.4/2.7	3.5/2.9
OKC	0.02	3.0/3.1	3.4/3.4	3.6/4.2	4.1/4.9	4.6/6.0	5.2/6.5	6.5/7.1	7.2/7.7	8.1/7.6	9.1/7.7	9.3/7.8	9.3/7.8	8.3/7.9	8.1/8.0	8.1/8.0
OMA	0.18	3.6/3.7	3.1/4.4	3.4/4.0	4.6/4.8	4.4/5.9	5.0/8.2	7.1/8.4	7.4/9.7	8.8/9.9	8.8/10.1	8.9/10.3	9.3/10.5	8.8/10.8	8.2/11.0	9.2/11.2
ORD	0.28	1.8/1.7	2.0/2.4	2.1/2.6	2.3/3.4	2.9/3.2	4.0/4.9	5.3/5.9	6.2/10.4	6.7/10.6	6.9/10.9	6.9/11.3	6.8/11.6	7.0/12.0	7.6/12.3	7.9/12.7
ORH	0.01	4.6/3.1	4.5/3.0	4.6/3.9	4.6/4.3	5.2/4.0	5.8/4.9	5.8/5.4	5.4/9.1	7.1/9.4	7.6/9.5	7.5/9.7	7.8/9.9	8.1/10.2	8.1/10.5	8.1/10.6
PDT	0.02	5.4/5.1	6.3/6.8	6.3/6.1	5.9/6.5	5.3/6.5	5.4/6.1	5.3/6.8	6.8/8.2	8.0/8.2	8.6/8.2	8.3/8.3	8.4/8.2	8.8/8.2	9.8/8.3	10.4/8.4
PDX	0.00	3.1/2.5	3.3/3.1	3.2/3.1	3.2/3.5	3.1/3.5	2.9/3.5	3.0/3.1	3.5/3.8	4.1/3.8	4.3/3.8	3.8/4.0	3.8/4.1	4.1/4.1	4.1/4.1	4.3/4.3
PHL	0.35	2.1/2.8	2.2/3.2	2.3/3.4	2.6/4.3	2.7/3.6	3.2/3.9	3.8/4.3	3.9/9.3	5.5/9.5	6.0/9.8	5.5/10.0	6.1/10.3	6.2/10.6	6.4/10.9	6.8/11.2
PHX	0.01	2.4/2.1	2.5/2.5	3.0/3.3	3.2/3.3	3.4/3.9	3.9/4.2	4.8/4.5	6.1/7.5	6.7/7.3	6.6/7.1	6.3/6.9	6.6/6.7	6.9/6.5	7.0/6.3	7.3/6.2
PIR	-0.04	5.2/3.1	5.8/4.2	6.2/4.2	6.7/4.5	6.8/5.1	6.7/6.6	7.7/7.3	9.0/9.3	9.6/9.5	8.6/9.7	7.7/10.0	7.4/10.2	6.3/10.5	6.7/10.6	7.2/10.9
PIT	0.32	2.7/3.1	2.9/2.6	3.1/3.3	3.0/3.6	3.4/3.9	3.7/4.9	4.2/5.5	5.4/13.1	6.3/13.3	6.4/13.6	6.6/13.9	7.1/14.1	7.6/14.4	8.1/14.6	8.6/14.9
PVD	0.27	2.1/2.2	2.2/2.5	2.3/3.4	2.5/4.1	3.4/4.2	4.3/4.4	4.7/5.0	4.7/8.9	6.0/9.1	6.3/9.3	5.8/9.5	6.0/9.7	6.3/9.9	6.3/10.1	6.5/10.3
PWM	0.18	2.4/3.0	2.2/3.4	2.8/3.8	3.2/4.5	4.0/5.0	4.7/5.5	5.2/5.3	5.1/6.7	5.6/6.8	6.5/6.8	6.1/6.9	5.9/7.1	6.5/7.2	6.2/7.3	6.3/7.5
RAL	-0.07	3.7/3.2	3.6/2.4	3.3/3.0	3.5/4.1	6.5/4.2	7.0/4.6	7.1/6.1	6.8/8.3	6.6/8.3	7.0/8.3	7.7/8.4	7.9/8.4	8.1/8.4	8.2/8.5	8.2/8.5
RAP	-0.19	4.9/4.7	5.5/5.3	5.9/6.0	6.3/5.5	6.2/6.4	7.9/6.4	9.4/8.2	11.2/9.3	12.4/9.3	12.8/9.3	12.7/9.2	12.4/9.3	12.0/9.3	10.9/9.4	11.7/9.5
RBL	-0.27	6.9/3.3	4.5/3.3	4.0/3.3	4.7/3.5	4.5/3.6	4.8/3.5	4.4/3.7	4.5/3.5	4.6/3.6	4.2/3.7	4.9/3.8	5.0/4.0	4.6/4.1	3.8/4.2	4.0/4.3
RDD	0.19	3.2/3.3	3.5/4.3	4.0/3.7	3.7/3.8	3.5/4.1	3.4/4.1	3.3/4.2	3.4/4.3	3.6/4.4	3.8/4.6	3.8/4.8	3.6/4.9	3.3/5.0	3.5/5.2	3.6/5.3
RDU	0.36	2.5/2.7	2.9/2.9	2.8/3.5	3.2/3.9	3.3/5.6	4.2/6.1	4.5/7.3	5.6/12.7	6.8/12.9	6.5/13.2	7.2/13.4	7.5/13.7	7.3/14.0	7.9/14.2	8.7/14.5
RIC	0.26	2.4/1.7	2.7/2.6	3.1/2.6	3.4/4.0	4.0/4.2	4.5/5.2	4.6/6.2	5.4/11.6	6.0/11.9	6.1/12.2	6.1/12.5	6.7/12.8	6.7/13.0	7.3/13.4	7.9/13.7
RNO	-0.23	2.2/2.6	2.6/3.5	2.6/3.7	2.8/3.6	3.9/4.1	5.4/4.9	6.8/5.3	7.6/6.3	8.0/6.2	8.0/6.1	8.8/6.0	9.0/5.9	9.5/5.8	10.1/5.7	10.1/5.6

ROA	0.41	2.3/2.1	2.4/2.7	2.1/3.5	2.6/4.7	3.3/5.0	4.0/5.7	4.3/6.9	5.6/13.4	6.2/13.6	6.2/13.8	6.5/14.1	6.9/14.4	7.0/14.6	7.6/14.9	7.9/15.2
ROC	0.39	2.1/3.3	2.0/4.2	2.1/3.6	2.6/4.1	3.1/4.2	3.5/4.5	3.6/5.1	4.1/9.8	5.3/10.0	5.8/10.3	6.1/10.6	6.7/10.8	6.9/11.1	7.3/11.4	8.2/11.7
SAC	0.01	2.8/2.4	3.1/3.2	3.0/3.3	2.9/3.4	2.9/3.0	2.6/3.6	2.8/3.1	2.9/3.0	3.3/3.1	3.3/3.1	3.1/3.0	3.2/3.0	3.3/2.9	3.2/3.0	3.0/3.1
SAN	-0.22	4.0/3.1	3.9/4.1	4.0/3.4	4.2/3.6	4.4/3.2	4.5/3.3	4.7/3.4	5.0/4.5	4.8/4.6	6.1/4.7	6.1/4.7	6.1/4.7	5.8/4.7	5.6/4.8	5.6/4.8
SAT	-0.01	2.6/2.0	2.6/2.8	3.0/2.5	3.0/2.8	4.0/3.3	4.2/4.1	4.7/5.3	5.2/6.7	6.0/6.7	6.4/6.6	7.1/6.7	7.4/6.8	6.4/6.7	6.0/6.6	6.3/6.7
SAV	0.35	1.6/3.2	2.4/3.3	2.5/3.5	2.5/3.7	3.1/4.9	3.7/5.1	4.1/5.9	5.0/10.2	5.9/10.4	6.6/10.6	7.6/10.8	7.7/10.9	7.4/11.0	7.7/11.3	7.9/11.5
SDF	0.05	5.5/3.1	5.8/3.2	6.2/4.0	4.7/4.2	4.1/5.0	4.3/5.4	5.7/6.5	7.2/13.5	8.2/13.7	8.9/13.9	9.6/14.2	10.3/14.5	10.9/14.6	11.7/14.9	11.7/15.2
SEA	-0.29	2.4/2.6	2.6/3.8	2.9/3.2	2.8/4.4	3.1/5.0	3.4/4.5	3.7/4.9	4.4/3.8	4.7/3.8	5.6/3.7	6.4/3.6	6.5/3.5	6.8/3.5	7.4/3.4	7.5/3.3
SFO	-0.09	2.0/2.1	2.1/2.2	2.1/2.2	2.2/2.4	2.4/2.3	2.4/2.4	2.4/2.3	2.6/2.4	2.9/2.3	2.5/2.3	2.7/2.3	2.9/2.3	2.8/2.4	2.9/2.6	2.9/2.6
SJC	-0.38	5.1/2.8	5.1/3.2	4.7/3.0	3.9/3.4	4.0/3.4	4.3/2.7	4.0/2.9	3.5/2.7	3.5/2.6	3.3/2.6	3.1/2.6	3.4/2.6	3.6/2.7	3.8/2.7	3.8/2.8
SJT	-0.09	4.4/2.9	5.9/4.6	5.6/5.1	6.4/5.8	6.9/6.8	7.4/8.2	8.7/8.5	9.1/9.4	9.5/9.3	9.8/9.2	10.0/9.1	9.9/9.0	9.4/9.0	9.4/8.8	9.2/9.0
SLC	0.01	3.5/4.1	4.1/4.1	4.0/3.9	3.8/4.2	4.2/4.8	4.9/5.7	5.4/5.2	6.2/6.1	6.7/6.0	6.3/6.0	6.2/6.1	6.2/6.0	6.3/6.0	6.1/6.0	6.2/6.2
SSI	0.24	2.9/4.1	2.8/3.5	3.3/3.8	3.2/4.2	3.5/4.6	4.2/4.2	4.7/5.1	4.9/8.7	5.8/8.8	6.6/9.0	6.5/9.1	6.9/9.3	6.7/9.5	7.1/9.5	7.5/9.7
STL	0.11	3.2/2.4	3.1/2.5	3.0/2.8	3.6/3.0	4.4/3.7	4.4/5.9	6.3/7.0	7.3/11.0	8.5/11.3	8.0/11.5	8.5/11.7	8.3/11.9	8.4/12.3	9.1/12.5	9.0/12.8
SYR	0.36	3.1/4.0	2.5/4.4	2.8/4.5	2.7/4.0	2.5/4.3	3.0/4.6	3.6/5.3	4.5/10.4	6.3/10.7	6.9/10.9	7.8/11.1	7.7/11.4	8.0/11.7	8.2/11.9	8.7/12.2
TLH	0.18	2.0/1.9	2.3/1.9	2.7/2.5	3.0/3.1	3.1/3.7	3.1/4.7	3.6/5.5	5.3/10.0	6.4/10.2	7.4/10.4	7.8/10.5	8.2/10.6	8.4/10.8	9.0/11.0	9.0/11.2
TPA	-0.19	4.9/2.5	5.5/3.0	5.9/3.9	5.7/4.2	5.8/4.2	6.3/5.0	6.8/5.3	7.0/10.3	8.5/10.4	9.4/10.6	10.2/10.8	10.4/11.0	10.6/11.2	11.0/11.4	11.2/11.5
TRM	0.02	1.8/1.6	2.1/2.0	2.4/2.5	2.4/2.7	2.6/2.5	2.8/3.2	3.3/3.6	4.1/4.6	4.5/4.7	4.5/4.7	4.4/4.7	4.7/4.8	5.0/4.8	5.0/4.8	5.3/4.8
TUL	0.07	2.3/2.4	3.0/2.6	3.5/3.8	3.9/4.4	4.5/5.2	4.7/5.6	6.2/6.2	6.3/8.0	7.3/8.1	7.8/8.3	8.5/8.4	8.6/8.5	8.0/8.6	7.8/8.8	7.5/9.0
TUS	0.20	1.5/1.8	1.6/2.2	1.8/2.2	1.7/2.5	1.8/3.2	3.1/4.6	4.3/4.4	5.1/8.4	5.9/8.2	6.0/8.1	6.6/7.9	7.0/7.7	7.1/7.5	7.1/7.4	7.1/7.2
TYR	-0.01	3.7/3.5	3.8/3.3	4.0/4.0	4.6/4.6	5.1/5.0	6.3/6.0	7.1/6.6	7.4/8.6	8.0/8.7	8.8/8.8	8.9/8.7	9.0/8.7	8.6/8.8	8.6/8.8	8.4/8.8
TYS	0.27	2.4/3.0	2.3/2.8	2.5/3.4	3.2/3.8	4.3/4.4	4.5/5.1	5.4/5.6	6.5/12.3	7.4/12.5	7.7/12.8	8.4/12.9	8.4/13.1	8.4/13.4	8.7/13.7	9.7/13.9
VCT	0.14	1.9/2.6	2.4/2.5	2.6/3.1	2.9/3.1	2.9/4.4	3.5/5.4	5.1/6.2	6.3/8.7	7.2/8.8	7.3/8.9	8.6/8.8	8.9/8.6	8.4/8.7	8.2/8.7	8.2/8.7
WJF	0.11	2.9/3.1	2.8/2.9	3.0/3.6	3.1/3.5	2.8/4.6	3.0/4.2	3.4/4.1	4.0/5.2	4.6/5.1	4.0/5.1	4.2/5.0	4.8/5.0	5.6/5.1	5.9/5.1	5.6/5.0
YKM	0.02	3.9/2.9	3.4/4.5	3.7/4.7	3.8/4.0	4.0/5.3	3.4/5.3	3.6/5.5	4.4/4.5	5.2/4.6	5.1/4.6	5.0/4.7	5.1/4.8	5.4/4.9	5.7/5.0	5.9/5.0
YNG	0.17	2.8/2.4	3.0/2.1	3.2/3.0	3.7/3.3	4.3/3.5	4.4/4.3	4.4/4.9	5.7/12.2	6.5/12.5	6.7/12.7	7.1/13.0	7.7/13.4	8.1/13.7	8.7/14.0	9.3/14.4
YQB	-0.04	5.7/0.0	6.0/0.0	6.9/0.0	8.0/0.0	8.9/0.0	9.9/0.0	8.5/0.0	7.6/6.2	7.2/6.3	7.3/6.4	7.2/6.5	6.6/6.7	6.5/6.8	6.2/7.0	6.0/7.2
YUL	0.16	2.9/0.0	2.8/0.0	3.4/0.0	4.4/0.0	4.4/0.0	5.7/0.0	4.8/0.0	5.3/7.7	6.4/7.7	7.1/7.9	6.8/8.0	6.9/8.2	7.4/8.3	7.3/8.5	7.1/8.7
YVR	-0.30	2.0/0.0	2.0/0.0	2.2/0.0	2.4/0.0	2.8/0.0	3.1/0.0	3.1/0.0	3.5/3.0	4.1/3.0	3.4/3.0	3.6/2.9	3.7/2.9	4.2/2.9	4.2/2.9	4.0/2.9
YWG	0.32	2.9/0.0	4.0/0.0	4.8/0.0	4.7/0.0	4.8/0.0	6.8/0.0	4.2/0.0	5.7/7.9	6.0/8.2	6.6/8.5	6.3/8.9	6.0/9.2	6.4/9.6	6.3/9.9	5.8/10.3
YXD	0.45	7.5/0.0	8.1/0.0	7.8/0.0	8.6/0.0	8.9/0.0	8.3/0.0	7.6/0.0	7.3/11.8	6.7/12.0	6.9/12.2	6.6/12.5	6.7/12.7	6.7/13.0	6.9/13.2	7.5/13.5
YYC	-0.21	3.1/0.0	3.7/0.0	0.0/0.0	5.2/0.0	6.5/0.0	7.2/0.0	10.3/0.0	12.2/10.9	13.0/10.9	13.2/10.9	13.7/10.9	13.2/11.0	13.8/11.0	13.4/11.0	13.7/11.1
YYZ	0.18	2.1/0.0	2.2/0.0	2.3/0.0	2.5/0.0	2.7/0.0	3.1/0.0	3.9/0.0	5.0/7.7	5.4/8.0	6.2/8.2	7.1/8.4	7.5/8.6	7.8/8.9	8.6/9.2	9.2/9.4

Bias (2010-12-01~2010-12-31)

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	0.81	-0.2/-0.5	-0.2/0.2	-0.0/0.3	-0.1/0.1	-0.1/0.6	-0.3/0.2	-0.6/0.3	-0.1/5.8	0.5/6.2	1.1/6.5	1.3/6.9	2.1/7.2	2.4/7.6	3.1/7.9	3.4/8.3
ABI	-1.87	-1.2/-2.9	-0.5/-2.9	-0.6/-2.3	-0.8/-2.8	-0.2/-2.2	-0.4/-3.3	-0.2/-4.2	-1.2/-3.9	-2.2/-3.7	-3.9/-3.5	-3.3/-3.3	-3.0/-3.0	-3.3/-2.8	-3.4/-2.5	-3.9/-2.3
ABQ	0.08	0.2/0.8	0.4/0.8	0.6/1.1	1.0/-0.2	1.4/1.3	1.5/0.1	1.0/-0.2	0.7/-3.1	-0.3/-2.9	-0.9/-2.6	-0.7/-2.4	-0.9/-2.1	-0.5/-1.9	-1.1/-1.6	-1.3/-1.3
ABY	1.87	0.2/0.0	0.1/0.8	0.3/2.1	0.3/3.4	0.8/3.5	1.6/3.2	1.6/4.1	2.4/8.3	3.0/8.5	2.6/8.8	2.4/9.0	2.3/9.3	2.7/9.5	3.5/9.8	4.3/10.1
ACT	-1.74	0.0/-2.1	-0.1/-1.8	-0.7/-1.4	-0.8/-0.9	-1.6/-0.8	-1.4/-0.9	-1.7/-2.9	-1.4/-2.3	-1.5/-2.1	-2.7/-1.9	-2.6/-1.6	-2.8/-1.4	-2.8/-1.1	-3.0/-0.8	-2.8/-0.5
ACY	1.60	0.3/-0.9	0.5/0.1	0.7/-0.1	0.8/1.0	0.6/1.9	0.6/2.3	0.3/1.9	0.7/8.3	1.5/8.5	1.9/8.8	2.1/9.1	3.1/9.4	3.2/9.7	3.8/10.1	3.9/10.4
ALB	1.12	0.3/-1.6	0.2/0.1	0.3/0.5	0.3/-0.2	0.5/-0.2	0.8/0.3	0.6/0.5	0.3/5.5	0.5/5.8	0.7/6.2	1.5/6.5	2.1/6.9	2.6/7.3	3.0/7.7	3.1/8.1
ALW	1.05	1.5/-4.0	1.7/-4.3	2.1/-5.4	2.2/-4.2	2.2/-3.6	2.4/-4.9	2.4/-3.2	2.2/1.3	1.4/1.5	-0.6/1.7	0.1/2.0	-0.0/2.2	-0.2/2.5	-0.8/2.8	-0.8/3.1
AOO	0.29	1.4/-2.2	0.0/-2.2	-0.5/-0.8	-1.3/-0.8	-2.8/-0.1	-4.1/-0.1	-3.9/1.2	-1.7/10.4	-0.9/10.7	1.0/11.0	2.4/11.4	2.0/11.7	3.0/12.1	4.8/12.4	5.0/12.8
APN	0.64	-0.7/-0.5	-0.6/0.2	-0.8/-0.9	-1.1/-1.2	-1.1/-0.6	-1.3/-0.4	-1.4/0.5	-0.8/3.8	0.4/4.2	1.2/4.5	2.4/4.8	2.7/5.2	3.2/5.5	3.8/5.9	3.8/6.2
ATL	1.98	0.1/-1.4	-0.0/-0.5	0.2/0.7	0.3/2.7	0.1/2.0	0.9/1.9	1.4/3.2	2.0/8.7	2.3/9.0	2.9/9.2	3.4/9.5	3.2/9.8	3.6/10.1	4.3/10.4	5.2/10.6
AUG	-0.65	-0.8/-0.5	-1.0/-0.5	-1.2/-0.3	-1.3/0.0	-1.4/-0.6	-1.2/-0.8	-0.7/-1.4	-0.4/2.6	-0.9/3.0	-0.6/3.3	-0.5/3.7	0.0/4.1	0.1/4.5	0.3/4.9	-0.3/5.3
AUS	1.24	0.2/-1.6	1.1/-1.0	1.4/-0.8	1.7/-0.8	2.4/-1.3	2.2/-1.0	3.1/-2.6	3.0/-1.5	2.3/-1.4	0.9/-1.1	0.0/-0.9	0.1/-0.7	0.2/-0.4	-0.2/-0.2	0.2/0.0
AVP	1.54	3.8/-1.6	1.7/-0.3	2.2/0.0	0.9/0.2	-0.6/-0.1	-1.8/0.5	-0.7/0.9	0.2/7.9	-0.2/8.2	0.9/8.5	2.7/8.8	2.4/9.2	3.0/9.5	4.0/9.9	4.5/10.2
BDL	1.54	-0.0/-1.2	0.3/-0.5	0.3/0.6	0.4/0.3	0.7/-0.2	0.7/-0.1	0.7/0.0	0.3/5.0	1.1/5.3	1.3/5.7	2.3/6.1	3.3/6.5	3.6/6.9	4.1/7.3	4.0/7.6
BFL	-1.40	-0.3/-2.1	-0.5/-3.0	-0.5/-3.6	-0.7/-1.3	-1.1/-3.8	-1.1/-2.5	-1.1/-2.7	-1.3/-3.5	-1.1/-3.3	-1.4/-3.0	-1.9/-2.8	-2.4/-2.5	-2.2/-2.2	-2.6/-1.9	-2.8/-1.6
BGM	1.36	0.6/-0.4	0.8/0.9	0.8/1.1	0.7/1.4	0.7/0.9	0.4/0.9	-0.1/1.9	0.3/7.3	0.9/7.6	1.0/8.0	1.4/8.3	2.3/8.6	2.8/9.0	3.7/9.4	4.1/9.7
BHM	2.32	0.4/-2.0	0.6/-0.7	0.9/0.6	1.1/1.9	1.4/1.0	2.0/1.3	2.3/2.1	2.8/7.5	3.3/7.8	2.9/8.1	2.9/8.3	2.7/8.6	3.3/8.8	3.7/9.1	4.4/9.4
BIS	-2.21	0.8/-0.1	0.5/-1.0	-0.1/-0.3	-0.8/1.0	-1.4/0.6	-1.6/0.5	-1.7/1.8	-2.0/6.6	-2.9/6.9	-4.1/7.2	-4.2/7.7	-3.8/8.0	-3.6/8.4	-3.7/8.8	-4.6/9.1
BNA	2.28	0.1/-2.3	0.3/-1.1	0.2/0.2	0.4/1.1	1.2/2.1	1.8/2.3	2.0/2.7	2.7/8.8	2.6/9.1	2.4/9.4	2.8/9.7	3.1/10.0	4.4/10.3	4.9/10.6	5.3/10.9
BOI	-4.31	-1.1/-1.1	-1.7/-1.3	-2.6/-1.5	-2.9/-1.9	-3.5/-1.5	-4.1/-2.5	-4.0/-2.1	-3.7/-2.5	-4.1/-2.2	-5.8/-1.9	-5.6/-1.6	-5.8/-1.4	-5.7/-1.1	-6.6/-0.7	-7.4/-0.4
BOS	0.36	1.8/-0.8	0.3/0.9	-1.0/1.0	-1.0/1.1	-1.4/-0.3	-0.7/-0.5	-0.7/-0.2	-1.1/5.1	-1.0/5.4	-0.1/5.7	1.1/6.0	1.8/6.4	2.3/6.7	2.7/7.0	2.5/7.4
BRO	2.77	3.9/-3.7	4.4/-2.8	4.7/-2.6	3.9/-2.4	4.1/-2.2	4.3/-2.3	3.7/-3.6	3.6/-4.5	2.8/-4.4	2.6/-4.2	1.1/-4.0	0.4/-3.7	0.9/-3.5	0.8/-3.3	0.2/-3.1
BTV	0.48	0.1/0.0	0.1/0.8	-0.3/1.1	-0.5/1.5	-0.2/0.6	0.1/0.8	-0.3/0.9	-0.2/5.2	-0.2/5.6	-0.1/5.9	0.7/6.3	1.3/6.7	1.9/7.1	2.4/7.5	2.5/7.8
BUF	1.35	0.2/-1.1	0.2/0.1	0.5/0.9	0.6/0.6	0.8/0.5	0.3/0.3	0.2/1.3	0.5/7.4	0.9/7.7	1.2/8.0	1.8/8.4	2.4/8.7	2.7/9.1	3.8/9.4	4.3/9.8
BUR	-0.36	0.4/-1.1	0.5/-1.7	0.8/-1.7	1.2/-2.3	1.0/-0.7	0.2/-0.4	0.1/-1.1	-0.2/2.8	0.0/3.0	-0.6/3.1	-1.5/3.3	-1.4/3.5	-1.3/3.6	-2.1/3.8	-2.5/4.0
BWI	0.45	0.2/-2.4	0.3/-2.2	0.4/-1.7	0.2/-0.8	-0.2/-0.4	-0.6/-0.3	-1.3/0.6	-0.7/8.2	-0.2/8.5	0.0/8.9	0.4/9.2	1.3/9.5	1.5/9.9	2.6/10.2	2.8/10.5
CAE	0.51	-0.0/-2.3	-0.5/-1.0	-0.3/-0.1	-0.6/0.8	-0.8/1.1	-0.5/1.8	-0.0/3.1	0.2/8.4	0.6/8.7	0.2/9.0	0.9/9.3	1.0/9.5	1.6/9.8	2.6/10.1	3.3/10.4
CHA	3.10	0.3/-0.3	0.3/0.9	0.6/0.8	1.0/2.4	1.2/2.9	2.3/3.7	2.6/4.0	3.5/9.8	3.6/10.0	3.9/10.3	4.5/10.6	4.7/10.8	5.3/11.1	6.0/11.4	6.7/11.7
CLE	1.11	0.3/-0.5	0.3/0.5	0.2/0.4	-0.2/0.3	-0.0/1.1	-0.4/1.1	0.1/1.7	0.5/8.7	0.7/9.0	1.4/9.4	1.3/9.7	1.7/10.1	2.7/10.5	3.8/10.8	4.3/11.2
CLT	0.97	0.1/-1.5	-0.4/-0.1	-0.5/0.8	-0.6/1.8	-0.9/2.2	-0.6/2.9	-0.4/3.8	-0.1/10.2	0.4/10.4	0.8/10.7	2.0/11.0	2.6/11.2	2.9/11.5	4.2/11.8	5.0/12.1
CMH	0.83	0.5/-1.1	0.6/-0.2	0.3/0.1	0.3/-0.4	0.1/0.4	-0.3/1.5	0.2/2.4	-0.0/11.3	0.1/11.6	0.3/11.9	0.6/12.3	1.0/12.6	2.3/13.0	3.0/13.4	3.4/13.7
CON	0.95	-0.4/-1.4	-0.5/-0.9	-0.5/-0.5	-0.2/-0.8	0.2/-1.4	0.4/-1.2	0.5/-1.6	0.3/2.7	0.5/3.0	1.2/3.4	1.7/3.8	2.5/4.2	2.8/4.5	3.0/5.0	2.9/5.4
COS	-2.29	-0.4/-0.9	-0.3/-1.8	-0.6/-1.6	0.6/-0.1	-0.4/-0.4	-0.7/-2.2	-0.6/-4.3	-0.8/-5.1	-1.8/-4.9	-4.0/-4.7	-4.3/-4.5	-4.9/-4.3	-5.3/-4.1	-5.4/-3.9	-5.4/-3.7
COU	0.21	2.4/-0.2	1.3/-0.3	0.7/0.8	0.5/0.8	-0.8/1.6	-1.4/0.7	-0.8/1.7	-0.4/6.9	-0.3/7.3	-0.3/7.6	-0.7/8.0	0.4/8.4	0.8/8.7	1.0/9.1	1.0/9.5
CQT	1.97	3.6/-1.5	3.7/-1.5	4.6/-1.1	4.7/-0.9	4.1/-0.0	2.8/0.6	1.2/0.0	0.1/3.2	-0.3/3.3	-0.4/3.4	0.5/3.5	0.8/3.7	1.2/3.8	1.5/4.0	1.3/4.1
CRP	0.61	2.8/-1.8	2.0/-1.4	2.3/-2.1	1.8/-1.5	2.5/-1.4	2.8/-0.8	2.9/-2.2	2.6/-2.8	1.1/-2.6	-0.6/-2.4	-2.4/-2.2	-2.4/-2.0	-1.8/-1.7	-2.2/-1.5	-2.4/-1.3
CRW	3.22	4.6/-1.9	3.6/-0.5	3.1/0.3	1.7/1.8	-0.3/2.1	-1.4/3.7	-0.7/4.3	-0.0/14.2	1.4/14.5	3.5/14.8	4.4/15.1	4.5/15.5	6.7/15.7	8.4/16.1	8.8/16.4
CVG	1.30	0.3/-1.4	0.1/-0.6	-0.1/-0.5	-0.2/-0.5	0.2/-0.0	0.4/1.1	0.4/2.2	0.3/11.9	0.9/12.2	1.2/12.5	1.5/12.9	1.9/13.2	3.5/13.6	4.2/13.9	4.9/14.3
DAY	0.58	0.3/-1.8	0.3/-0.9	0.2/-0.7	-0.2/-1.2	-0.5/-0.5	-0.7/0.8	-0.1/0.2	-1.0/10.0	-0.6/10.3	0.2/10.7	0.8/11.1	1.0/11.4	2.4/11.8	3.2/12.2	3.6/12.5
DBQ	0.38	1.8/-0.1	1.8/-0.5	0.9/-1.7	0.2/-1.9	-0.8/-1.0	-1.0/-1.3	-0.7/-1.6	-0.5/5.7	0.1/6.0	0.2/6.5	-0.2/6.9	0.2/7.3	1.1/7.7	1.2/8.3	1.4/8.7
DCA	0.73	0.4/-1.4	0.5/-2.1	0.6/-0.6	0.6/-0.7	-0.1/-0.2	-0.4/0.4	-1.1/1.1	-0.7/8.4	0.0/8.7	0.3/9.0	0.7/9.3	1.6/9.7	2.0/10.0	3.0/10.3	3.5/10.7
DEC	0.83	0.1/-0.7	0.1/-0.9	-0.1/0.2	-0.0/-0.4	-0.4/0.6	-0.5/0.5	-0.6/0.4	0.3/9.8	0.6/10.1	0.7/10.5	1.4/10.9	1.6/11.3	2.8/11.7	3.0/12.1	3.5/12.5
DEN	-4.62	-2.4/0.7	-2.0/-0.6	-2.0/-0.2	-1.7/0.6	-2.6/-0.7	-3.4/-1.5	-3.6/-3.4	-4.1/-3.8	-5.8/-3.6	-7.0/-3.5	-6.8/-3.3	-6.8/-3.1	-6.6/-2.8	-7.1/-2.6	-7.3/-2.4
DFW	0.14	0.2/-1.9	0.5/-1.5	1.2/-1.0	1.7/-1.4	2.1/-0.4	1.8/-0.6	1.5/-1.9	1.6/-2.0	0.3/-1.8	-1.8/-1.6	-1.9/-1.3	-1.5/-1.1	-1.3/-0.8	-1.3/-0.5	-1.0/-0.3
DLH	-2.81	-0.3/-2.7	-1.4/-1.8	-2.1/-2.6	-3.1/-2.8	-3.8/-3.0	-4.6/-0.3	-4.1/-0.6	-3.2/1.7	-2.8/2.1	-4.0/2.4	-2.5/2.8	-2.1/3.1	-2.4/3.5	-3.1/3.9	-2.7/4.4
DSM	-0.41	-0.1/-3.3	0.2/-3.7	0.0/-2.9	0.1/-4.1	0.3/-3.1	-0.8/-3.1	-1.4/-3.2	-1.0/4.0	-1.4/4.4	-1.1/4.7	-1.1/5.2	-0.5/5.6	-0.2/6.0	0.3/6.5	0.5/6.9
DTW	2.92	0.6/0.5	0.8/1.1	0.9/0.8	0.9/-0.0	1.1/0.5	1.0/1.0	1.9/1.4	2.1/7.5	2.7/7.9	4.1/8.2	4.4/8.6	4.6/9.0	5.5/9.4	6.4/9.7	6.7/10.1
ELP	-0.83	-0.0/0.1	-0.2/-0.3	-0.1/-1.1	0.2/-0.3	0.4/-1.1	0.5/-1.0	0.3/-1.9	-0.8/-5.9	-1.6/-5.7	-2.2/-5.5	-1.4/-5.3	-1.4/-5.0	-1.6/-4.8	-2.2/-4.5	-2.4/-4.3
ERI	1.57	-0.2/-0.6	0.0/0.2	0.3/0.5	0.2/0.0	0.3/0.8	0.1/1.7	0.6/2.2	1.1/9.1	1.5/9.4	2.2/9.7	2.2/10.0	2.7/10.4	3.2/10.7	4.5/11.1	4.8/11.4
EUG	-0.69	3.1/-1.5	0.3/-4.1	2.5/-4.4	4.0/-5.0	2.5/-4.8	1.0/-4.7	-0.4/-4.6	-1.6/-2.1	-2.7/-2.0	-2.3/-1.8	-3.0/-1.6	-2.9/-1.5	-3.5/-1.3	-3.7/-1.1	-3.5/-0.9
EVV	2.00	1.1/-2.2	1.6/-1.4	1.9/-0.6	1.3/0.1	0.7/-0.6	-0.8/0.8	0.0/0.8	0.3/9.4	1.7/9.7	2.1/10.1	2.8/10.4	3.7/10.8	4.5/11.2	4.7/11.5	4.5/11.9
EWR	1.30	0.3/-0.6	0.7/-0.7	0.8/0.1	0.8/1.4	0.7/0.9	0.7/1.2	0.5/1.0	0.3/5.9	1.1/6.3	0.8/6.6	1.5/6.9	2.4/7.3	2.7/7.6	3.1/8.0	3.1/8.3
FAR	-4.28	-0.6/-3.1	-1.5/-4.3	-2.4/-4.6	-3.2/-4.2	-4.3/-4.1	-4.2/-5.6	-5.2/-4.8	-5.1/0.5	-5.2/0.9	-6.0/1.3	-5.3/1.7	-4.9/2.1	-4.9/2.5	-5.3/2.8	-6.2/3.3
FAT	0.30	0.1/-0.9	0.2/-1.6	0.3/-2.2	0.2/-2.8	0.2/-2.3	-0.5/-1.1	-0.3/-2.4	-0.5/-2.9	0.1/-2.7	0.8/-2.4	0.7/-2.2	0.7/-1.9	1.0/-1.6	0.8/-1.3	0.6/-1.0
FLG	-0.97	0.2/1.6	0.2/1.7	0.4/2.2	0.3/1.7	0.4/1.3	0.1/0.9	0.5/0.9	-0.5/-1.8	-1.8/-1.6	-2.3/-1.5	-2.2/-1.3	-2.4/-1.1	-2.0/-0.9	-2.6/-0.6	-2.7/-0.4
FMY	2.86	0.5/-0.5	0.8/0.7	1.0/1.5	1.3/2.0	1.5/2.5	2.1/2.6	2.3/3.8	3.2/9.2	3.7/9.4	4.4/9.5	4.0/9.6	3.9/9.8	4.0/9.9	4.8/10.1	5.3/10.3
FSD	-2.48	0.3/-2.9	0.1/-3.0	-0.0/-3.3	0.3/-2.7	-0.1/-3.4	-0.8/-3.8	-1.6/-3.5	-2.6/3.1	-4.1/3.5	-5.1/3.9	-5.6/4.2	-5.3/4.6	-4.7/5.0	-3.7/5.4	-4.2/5.9
FWA	0.70	-0.2/-1.6	-0.2/-1.0	-0.7/-1.2	-0.8/-1.1	-1.0/-1.7	-0.9/-0.5	-0.6/-1.6	-0.9/8.1	-0.2/8.5	1.0/8.8	1.7/9.2	2.0/9.6	3.2/10.0	3.9/10.4	4.2/10.8

GAD	2.85	0.5/-0.9	0.5/0.7	0.7/1.1	1.0/2.9	1.3/2.6	2.1/2.9	2.7/2.8	3.1/9.4	3.3/9.6	3.8/9.9	4.0/10.2	3.9/10.5	4.7/10.8	5.2/11.1	5.9/11.4
GEG	-2.28	-0.0/-2.9	-0.1/-4.1	0.0/-3.9	-0.4/-3.2	-0.5/-3.4	-0.7/-4.2	-0.9/-4.3	-1.6/-1.1	-2.8/-0.9	-4.0/-0.7	-4.1/-0.5	-4.7/-0.3	-4.4/-0.1	-5.0/0.2	-5.2/0.4
GTF	*****	-6.9/-2.2	-6.4/-1.3	-7.7/-1.6	-8.1/-1.3	-9.0/-1.0	-10.2/-1.8	-11.2/-0.9	-12.1/-1.1	-12.7/-1.0	-13.1/-0.7	-13.2/-0.5	-12.6/-0.3	-11.7/-0.1	-11.4/0.2	-10.6/0.4
HOU	-1.14	-0.1/-1.8	0.1/-0.9	0.3/-1.0	0.3/-0.3	0.7/0.1	0.4/-1.4	0.6/-2.8	0.6/0.1	0.2/0.3	-2.5/0.5	-4.4/0.7	-4.0/1.0	-3.2/1.2	-3.3/1.4	-2.9/1.6
HSV	1.95	-0.3/-2.6	-0.4/-1.0	-0.0/-0.5	0.3/0.9	0.7/0.9	1.6/1.4	1.8/1.2	2.4/7.5	2.5/7.8	2.4/8.1	2.8/8.4	3.0/8.6	3.5/8.9	4.1/9.2	4.7/9.5
IAH	0.43	0.3/-2.0	1.0/-1.2	1.3/-1.0	1.4/-0.5	1.8/0.3	1.6/-1.6	2.2/-1.7	2.3/-0.2	1.6/0.0	-0.7/0.2	-2.0/0.5	-1.5/0.6	-1.0/0.9	-1.2/1.1	-0.9/1.3
ICT	-0.21	0.4/-0.4	0.5/-0.6	0.7/-1.8	1.5/-2.2	1.3/-0.3	0.9/-0.4	0.6/-0.7	0.1/0.6	-0.7/0.9	-1.8/1.3	-1.7/1.6	-1.3/1.9	-1.2/2.3	-1.2/2.6	-1.3/3.0
ILG	0.84	-0.2/-0.2	-0.1/-1.6	0.0/0.2	-0.1/-0.1	-0.2/1.2	-0.2/1.3	-0.3/1.1	0.1/7.7	0.8/8.1	2.3/8.4	0.9/8.8	1.7/9.1	1.8/9.5	2.9/9.8	3.2/10.2
IND	-0.20	-0.3/-1.2	-0.6/-0.7	-1.5/-0.5	-1.9/-0.9	-2.0/-0.5	-1.9/0.9	-1.9/-0.3	-1.9/9.7	-1.4/10.1	-0.5/10.5	0.4/10.9	1.0/11.3	2.6/11.7	3.2/12.1	3.5/12.5
IPT	0.69	0.2/-2.3	0.2/-2.4	0.2/-1.5	0.3/-0.7	0.1/-0.6	-1.4/-0.3	-1.6/0.5	-1.1/5.1	-0.1/5.5	0.6/5.8	1.5/6.1	2.3/6.5	2.1/6.9	3.5/7.2	3.5/7.6
JAN	1.85	0.1/-2.2	0.3/-1.3	1.1/-0.7	1.8/-0.1	2.2/-0.0	2.4/-0.2	2.8/0.3	3.0/3.2	3.2/3.4	1.9/3.7	1.1/3.9	1.1/4.2	2.1/4.4	2.0/4.7	2.7/5.0
JAX	1.12	-0.3/-2.7	-0.3/-1.5	-0.4/0.5	-0.0/0.3	0.2/1.7	0.1/1.4	0.2/1.4	0.6/6.8	1.7/7.0	1.9/7.2	1.9/7.4	1.9/7.6	2.2/7.9	3.1/8.1	4.0/8.3
JFK	3.15	4.1/0.3	2.2/0.9	2.3/1.6	1.8/1.7	1.8/1.1	1.4/1.6	1.9/1.5	1.8/7.2	1.5/7.5	3.0/7.8	4.9/8.2	4.2/8.5	5.2/8.8	5.6/9.1	5.4/9.4
LAN	1.93	0.1/-0.1	0.2/-0.8	0.0/-1.3	-0.1/-0.8	0.1/-0.8	-0.1/-0.8	0.7/-0.1	0.9/6.4	1.5/6.8	2.6/7.1	3.4/7.5	3.7/7.9	4.6/8.2	5.5/8.6	5.8/9.0
LAS	0.89	2.6/-0.1	2.4/-0.1	2.4/0.2	2.4/0.7	2.4/1.1	2.0/1.1	2.1/0.6	1.5/-0.8	0.9/-0.5	-0.9/-0.3	-0.9/-0.1	-0.7/0.2	-0.8/0.4	-0.9/0.7	-0.9/1.0
LAX	0.12	0.2/-2.0	0.3/-3.6	0.3/-2.4	0.3/-2.7	0.2/-2.6	0.1/-1.6	-0.3/-1.3	-0.2/2.4	-0.3/2.5	-0.1/2.6	0.1/2.8	0.4/2.9	0.4/3.0	0.2/3.2	0.1/3.3
LEX	3.37	4.7/-1.0	5.0/-0.0	4.7/0.7	2.3/1.5	0.4/2.0	-1.9/3.2	0.3/4.3	0.0/12.9	1.6/13.2	3.0/13.5	3.9/13.8	4.9/14.2	6.4/14.5	7.8/14.8	7.5/15.1
LFK	-1.40	0.1/-2.3	-0.6/-1.7	-1.6/-1.7	-1.5/-0.7	-2.2/-0.6	-2.9/-1.1	-2.3/-1.8	-1.5/-0.1	-0.9/0.2	-1.6/0.4	-1.5/0.6	-1.2/0.9	-1.6/1.1	-1.0/1.4	-0.9/1.6
LGA	0.46	0.2/-0.7	0.4/0.2	0.3/0.9	0.2/1.3	0.1/0.8	0.1/1.0	-0.4/0.9	-0.5/6.0	0.2/6.3	-0.3/6.6	0.3/6.9	1.2/7.2	1.4/7.5	1.9/7.9	1.9/8.2
LGB	0.76	1.1/-1.3	1.4/-0.5	1.7/-0.8	2.3/-0.7	1.9/-0.5	1.2/0.6	1.2/0.7	1.0/5.0	1.1/5.2	0.7/5.3	0.1/5.4	-0.2/5.6	-0.2/5.7	-0.8/5.9	-1.2/6.1
LIT	1.15	0.3/-1.6	0.6/-1.0	0.7/-1.4	0.8/-0.9	1.4/0.3	1.2/1.0	1.1/0.5	1.3/3.5	1.1/3.8	1.0/4.1	0.8/4.4	1.1/4.6	1.8/4.9	1.8/5.2	2.2/5.5
LNS	0.34	-0.1/-2.0	0.0/-1.7	0.1/-1.0	-0.1/-1.1	-0.3/-0.5	-0.7/-0.3	-1.1/0.1	-0.8/-0.8	-0.2/-0.5	0.2/-0.1	0.6/0.2	1.3/0.6	1.5/1.0	2.2/1.4	2.4/1.7
MAF	-1.07	1.5/-1.4	0.6/-2.0	1.3/-1.4	0.5/-1.7	1.6/-0.4	2.0/-1.9	2.0/-3.5	1.1/-3.7	-0.5/-3.5	-2.4/-3.3	-3.6/-3.1	-4.7/-2.8	-4.8/-2.6	-4.8/-2.4	-5.8/-2.2
MBA	-0.02	-0.5/-1.3	-0.4/-0.3	-0.5/0.0	-0.4/-0.3	-0.0/-0.5	-0.0/-0.7	-0.3/-1.0	-0.6/4.2	-0.2/4.6	-0.7/4.9	-0.3/5.3	0.6/5.6	0.9/6.0	1.1/6.4	0.9/6.7
MCI	-0.63	0.3/-2.0	0.3/-2.6	0.9/-1.8	1.5/-1.3	0.7/-0.6	-0.7/-1.0	-1.0/-0.9	-0.9/3.3	-1.5/3.6	-2.1/4.0	-2.0/4.4	-1.6/4.7	-1.4/5.1	-1.1/5.5	-0.9/5.9
MCN	0.78	0.0/-1.1	-0.3/-0.1	-0.2/1.1	-0.6/2.8	-0.4/2.4	0.3/2.0	0.4/3.5	0.5/7.6	1.2/7.8	1.1/8.1	1.3/8.4	1.3/8.6	1.6/8.9	2.4/9.2	3.2/9.5
MCO	1.74	-0.3/-0.6	-0.3/-0.1	-0.3/0.5	-0.1/1.8	-0.1/3.5	-0.0/2.8	0.1/2.8	0.7/9.5	1.1/9.7	2.9/9.9	3.8/10.1	3.9/10.2	4.1/10.4	4.9/10.5	5.9/10.7
MDT	-0.19	2.1/-1.5	-0.2/-2.0	-0.0/-0.6	-0.6/-0.9	-2.0/0.2	-3.4/-0.6	-3.1/0.3	-2.4/6.9	-2.0/7.2	-0.6/7.5	1.3/7.8	1.0/8.2	1.6/8.5	2.5/8.9	2.9/9.3
MEM	-1.12	-0.7/-2.9	-0.8/-2.1	-1.0/-1.4	-1.2/-0.5	-0.7/-0.2	-0.8/0.3	-0.7/0.7	-0.7/5.3	-1.5/5.5	-2.7/5.8	-2.3/6.1	-1.8/6.4	-0.9/6.7	-0.7/7.1	-0.1/7.4
MHT	0.79	-0.3/-1.3	-0.4/-0.8	-0.4/-0.4	-0.1/-0.6	0.2/-1.0	0.3/-0.7	0.3/-1.0	0.0/3.7	0.3/4.1	0.8/4.5	1.3/4.8	2.2/5.2	2.5/5.6	2.6/6.0	2.5/6.5
MIA	1.69	0.3/-0.7	0.4/0.0	0.3/1.4	0.6/1.7	0.7/2.3	1.0/2.5	0.7/2.4	1.7/6.9	1.9/7.0	2.5/7.1	2.8/7.2	2.8/7.3	2.9/7.4	3.1/7.5	3.5/7.7
MKE	2.11	0.1/-1.1	0.3/-2.5	0.3/-3.1	-0.0/-2.4	0.3/-1.9	0.5/-1.5	0.9/-1.5	1.7/4.8	2.7/5.2	3.5/5.6	3.6/6.0	3.8/6.4	4.4/6.8	4.7/7.2	4.8/7.6
MOB	1.63	0.5/-1.5	-3.9/-0.5	1.3/1.1	1.4/1.9	1.2/1.4	0.2/1.4	0.1/1.6	1.4/5.7	1.7/5.9	2.6/6.1	2.5/6.3	3.0/6.5	4.2/6.7	4.2/7.0	4.1/7.2
MSP	-1.08	-0.1/-3.1	-0.1/-2.6	-0.4/-3.7	-0.7/-3.0	-0.9/-2.4	-1.4/-1.6	-2.5/-1.6	-2.2/4.8	-1.8/5.1	-1.4/5.5	-1.3/6.0	-1.2/6.3	-0.8/6.8	-0.6/7.1	-0.7/7.6
MSY	2.02	0.2/-1.9	0.3/-1.4	1.1/-0.2	2.0/0.7	2.6/1.0	2.6/0.8	2.5/0.1	3.4/4.5	3.8/4.7	2.2/4.9	1.2/5.1	1.1/5.3	2.0/5.5	2.3/5.6	2.9/5.8
MWL	-2.27	-2.4/-3.0	-1.7/-2.7	-2.0/-2.3	-2.3/-3.4	-1.9/-2.3	-2.3/-3.1	-1.1/-3.8	-1.4/-1.3	-1.5/-1.1	-3.1/-0.9	-3.0/-0.6	-2.9/-0.4	-2.8/-0.2	-2.8/0.1	-2.9/0.4
NKX	0.63	0.1/-0.6	0.0/-2.0	-0.1/-1.8	-0.0/0.1	-0.2/-1.1	0.0/0.2	-0.2/0.3	0.1/0.0	0.2/0.0	1.0/0.0	1.1/0.0	1.6/0.0	1.9/0.0	2.0/0.0	1.9/0.0
NTU	2.06	0.4/1.9	0.7/1.5	0.9/3.0	1.1/3.9	1.3/3.4	1.8/4.5	1.7/4.6	1.7/14.1	2.4/14.3	2.6/14.6	1.7/14.9	2.4/15.2	3.0/15.5	4.3/15.7	4.7/16.0
OAK	1.16	0.3/-1.5	0.2/-1.1	0.3/-1.1	0.2/-1.2	0.1/-0.5	0.2/-0.8	0.2/-0.5	0.2/1.2	0.4/1.4	1.8/1.5	1.7/1.7	2.2/1.9	2.9/2.1	3.2/2.3	3.2/2.5
OKC	-1.14	0.1/-1.4	0.4/-2.2	0.5/-1.7	0.9/-2.1	1.0/-0.7	0.4/-1.5	0.8/-1.4	-0.3/-0.5	-1.9/-0.3	-3.8/0.0	-3.6/0.3	-3.1/0.5	-2.8/0.8	-2.8/1.1	-2.9/1.5
OMA	0.48	0.1/-2.6	0.7/-3.9	0.7/-3.1	2.3/-2.9	1.6/-2.2	0.7/-2.9	0.2/-2.4	0.5/3.8	0.1/4.2	-0.4/4.5	-0.3/4.9	-0.3/5.3	0.1/5.7	0.5/6.1	0.6/6.5
ORD	1.01	0.0/0.8	0.2/-1.0	-0.0/-0.3	-0.1/-1.0	-0.3/-0.4	-0.4/0.3	-0.5/-0.0	0.0/7.8	0.9/8.2	1.8/8.5	1.7/8.9	1.9/9.3	3.2/9.7	3.1/10.1	3.4/10.5
ORH	1.29	-0.1/-1.4	-0.3/-0.5	-0.1/-0.1	0.4/0.6	0.5/-0.6	0.9/-0.4	0.9/-0.4	0.5/5.2	0.8/5.5	1.2/5.8	2.0/6.2	2.9/6.5	3.2/6.9	3.4/7.2	3.2/7.6
PDT	-3.79	0.5/-3.7	0.0/-6.0	0.0/-5.2	-2.5/-5.2	-2.5/-4.5	-2.0/-4.4	-2.7/-4.5	-3.6/-0.1	-4.7/0.1	-6.7/0.3	-6.5/0.5	-6.3/0.8	-6.3/1.0	-7.0/1.3	-6.8/1.5
PDX	-0.31	0.4/-1.0	1.0/-2.5	0.9/-2.8	0.7/-3.0	0.0/-2.8	-0.3/-2.9	-0.6/-2.2	-1.4/0.0	-2.7/0.2	0.7/0.3	-0.4/0.5	-0.3/0.6	-0.4/0.8	-0.9/1.0	-1.3/1.2
PHL	1.55	0.3/-2.1	0.4/-1.5	0.7/-0.9	0.5/-0.5	0.3/1.1	0.4/0.6	0.1/0.8	0.7/7.4	1.4/7.7	2.2/8.1	2.1/8.4	3.0/8.7	3.2/9.1	3.9/9.5	4.1/9.8
PHX	-0.30	0.5/-1.5	0.5/-1.9	0.5/-2.0	0.8/-1.3	0.9/-1.0	0.7/-0.4	0.4/-1.4	-0.6/-4.4	-1.0/-4.2	-1.3/-3.9	-1.2/-3.7	-1.0/-3.5	-0.8/-3.2	-1.1/-3.0	-1.7/-2.7
PIR	2.22	2.3/-2.1	3.7/-3.2	4.8/-2.5	4.6/-1.2	3.6/-0.5	2.5/-0.7	2.8/0.1	2.5/5.6	2.2/6.0	1.2/6.3	0.7/6.6	0.3/6.9	0.4/7.2	0.8/7.6	0.9/8.0
PIT	1.64	0.5/-0.7	0.3/-0.5	0.4/-0.1	0.3/1.0	0.4/1.8	0.4/2.4	1.1/3.0	0.9/11.1	1.2/11.4	1.8/11.7	1.8/12.0	2.4/12.4	3.6/12.7	4.6/13.1	5.0/13.5
PVD	0.03	-0.4/-0.4	-0.2/0.7	-0.5/1.3	-0.4/1.0	-0.3/1.6	-0.3/0.7	-0.9/0.7	-0.9/6.0	-0.2/6.3	-0.6/6.6	0.1/7.0	1.0/7.3	1.3/7.6	1.5/8.0	1.3/8.4
PWM	-0.38	-0.9/-0.5	-0.8/-0.9	-1.1/-1.1	-0.9/0.0	-0.6/-0.5	-0.8/-0.9	-0.6/-0.8	-0.8/1.9	-0.7/2.2	-0.8/2.6	-0.3/2.9	0.4/3.3	0.9/3.6	0.8/4.0	0.4/4.3
RAL	2.93	3.6/2.1	3.4/1.0	2.9/1.1	2.4/2.1	6.3/1.7	6.2/1.9	5.9/3.0	4.0/4.3	3.1/4.5	2.0/4.6	0.8/4.7	0.8/4.9	1.0/5.1	0.9/5.2	0.9/5.4
RAP	-5.43	-0.1/0.2	-1.6/-1.0	-1.9/-0.9	-2.0/-0.9	-2.7/-1.0	-5.3/2.1	-6.9/-0.5	-8.5/2.2	-9.0/2.4	-9.3/2.6	-8.2/2.8	-8.1/3.1	-8.4/3.3	-4.6/3.6	-4.9/3.8
RBL	3.92	6.8/2.1	3.9/1.2	3.2/1.3	4.1/-0.9	4.1/0.7	4.4/1.1	3.9/0.9	3.9/2.5	3.8/2.6	2.7/2.8	4.2/2.9	4.1/3.1	3.7/3.3	2.9/3.5	3.2/3.8
RDD	0.40	1.0/2.2	0.2/3.0	-0.6/1.0	-0.0/1.1	0.6/0.2	1.4/1.6	0.5/1.6	0.9/4.0	0.6/4.1	-0.7/4.3	-0.9/4.4	-0.6/4.6	0.5/4.8	1.1/5.0	2.1/5.1
RDU	2.53	0.7/-1.0	0.7/0.6	0.8/1.6	0.9/2.5	0.8/4.0	0.9/4.6	1.3/5.4	1.5/11.4	2.2/11.7	2.5/11.9	3.6/12.2	4.3/12.5	4.8/12.8	6.1/13.1	6.9/13.4
RIC	2.46	0.3/-0.4	0.7/0.7	1.0/1.4	1.1/2.6	1.2/3.1	1.4/3.6	1.4/4.5	1.3/10.4	2.2/10.7	3.0/11.0	3.0/11.3	3.9/11.6	4.5/12.0	5.8/12.3	6.2/12.6
RNO	-3.06	-0.1/-1.2	-0.1/-2.5	-0.0/-1.5	-0.0/-1.3	-0.7/-1.6	-1.2/-2.3	-1.6/-2.4	-2.8/-1.3	-3.6/-1.1	-5.2/-0.9	-5.7/-0.6	-5.9/-0.4	-5.8/-0.1	-6.2/0.2	-6.8/0.5

ROA	1.69	0.2/-0.1	0.3/0.9	0.2/1.6	0.4/3.3	0.1/3.5	-0.1/3.8	-0.2/5.5	0.1/12.3	1.2/12.5	1.8/12.8	2.7/13.1	3.5/13.4	4.0/13.7	5.3/14.0	5.8/14.3
ROC	1.51	0.4/0.3	0.4/1.9	0.5/2.4	0.4/1.9	0.4/1.3	0.3/1.4	0.1/2.2	0.2/7.1	0.9/7.4	1.5/7.7	2.2/8.1	2.9/8.5	3.3/8.8	4.3/9.2	4.9/9.5
SAC	-0.63	-1.1/0.2	-1.3/-1.8	-1.5/-1.3	-0.5/-1.5	-0.9/-1.4	-0.8/-2.3	-1.2/-1.8	-1.2/-0.8	-1.1/-0.5	0.5/-0.3	0.2/0.0	-0.2/0.3	-0.1/0.5	-0.1/0.8	-0.2/1.2
SAN	-4.63	-3.7/-2.4	-3.5/-3.6	-3.6/-3.1	-3.7/-2.9	-3.9/-2.5	-3.9/-1.5	-4.1/-2.1	-4.5/1.3	-4.3/1.4	-5.8/1.5	-5.9/1.5	-5.9/1.6	-5.6/1.7	-5.5/1.9	-5.6/2.0
SAT	1.22	0.5/0.1	1.0/0.6	1.5/0.6	1.7/0.3	2.6/1.2	2.9/0.6	3.1/-1.1	3.0/-1.0	2.7/-0.8	0.6/-0.6	-0.4/-0.4	-0.2/-0.2	-0.1/0.1	-0.3/0.3	-0.2/0.5
SAV	0.45	-0.2/-2.5	-0.4/-1.2	-0.5/-0.3	-0.5/0.4	-0.6/1.8	-1.1/1.8	-0.3/2.1	-0.4/8.1	0.6/8.4	0.6/8.6	1.1/8.9	1.2/9.1	1.5/9.4	2.5/9.6	3.4/9.9
SDF	4.42	4.5/-1.6	4.1/-0.4	4.3/-0.0	2.5/-0.2	1.8/2.3	0.1/2.5	1.4/2.9	1.6/10.6	3.6/11.0	4.9/11.3	5.7/11.6	6.8/11.9	7.8/12.3	8.7/12.6	8.5/12.9
SEA	-2.90	-0.5/-2.5	-0.6/-3.3	-1.0/-3.0	-1.4/-4.3	-1.3/-4.8	-1.5/-4.3	-1.6/-4.5	-2.3/-1.6	-2.7/-1.5	-3.9/-1.3	-4.8/-1.2	-4.9/-1.1	-5.1/-0.9	-5.9/-0.7	-6.1/-0.6
SFO	0.78	0.2/-0.4	0.1/-0.9	0.2/-0.7	0.3/-0.5	0.1/-0.8	-0.0/-0.5	0.1/-0.2	0.0/0.3	0.3/0.5	1.3/0.6	1.1/0.8	1.5/1.0	2.0/1.1	2.2/1.3	2.1/1.5
SJC	0.92	-0.2/-1.5	-0.0/-1.9	-0.2/-1.5	-0.2/-2.1	-0.6/-2.0	-0.7/-1.0	-0.5/-1.1	-0.2/-0.2	0.1/-0.1	0.7/0.1	2.1/0.3	3.0/0.5	3.3/0.6	3.6/0.8	3.6/1.1
SJT	1.50	2.4/-2.1	3.7/-2.7	3.3/-2.2	3.1/-2.4	4.1/-1.5	3.8/-2.9	3.5/-4.0	2.7/-5.4	1.7/-5.2	0.2/-5.0	-0.8/-4.7	-1.0/-4.5	-1.2/-4.3	-1.2/-4.1	-1.9/-3.9
SLC	-1.82	-0.9/2.3	-1.4/1.4	-1.6/1.2	-2.0/1.4	-2.2/2.3	-2.8/1.8	-2.9/2.6	-3.8/0.1	-4.2/0.4	-0.7/0.7	-0.6/1.0	-0.9/1.3	-0.8/1.6	-1.0/2.0	-1.5/2.3
SSI	1.76	0.3/-2.8	0.5/-1.4	0.4/-0.4	0.9/0.3	1.2/0.8	1.1/0.7	1.3/1.0	1.6/6.5	2.5/6.7	2.2/6.9	2.1/7.2	2.2/7.4	2.4/7.6	3.3/7.9	4.3/8.1
STL	1.75	0.9/-0.3	0.3/-0.5	0.4/1.2	0.2/0.1	1.3/1.2	0.6/0.1	1.2/2.0	2.3/7.1	2.7/7.4	1.9/7.7	2.0/8.1	2.3/8.5	3.0/8.8	3.4/9.2	3.8/9.6
SYR	2.19	2.7/-1.4	1.9/-0.6	2.2/0.9	1.3/0.2	0.2/0.3	0.3/0.8	0.5/1.2	0.6/7.3	0.7/7.6	1.7/7.9	3.8/8.3	3.6/8.6	4.0/9.0	4.5/9.4	4.8/9.7
TLH	2.73	-0.9/-1.5	-0.4/-0.1	0.7/1.1	1.4/2.2	1.0/2.5	0.5/2.6	1.0/2.5	2.3/8.2	3.1/8.4	4.3/8.6	4.4/8.8	5.0/9.0	5.6/9.2	6.5/9.5	6.5/9.7
TPA	7.63	4.7/0.6	5.3/1.9	5.7/3.2	5.5/3.5	5.7/3.6	6.1/4.1	6.6/4.4	6.8/9.7	7.7/9.8	8.5/10.0	9.6/10.2	10.0/10.4	10.4/10.6	10.8/10.8	10.9/11.1
TRM	-0.02	-0.3/0.2	-0.2/0.5	-0.1/1.0	0.3/1.4	0.2/1.3	0.1/1.2	-0.1/0.8	-0.2/0.7	-0.6/0.9	0.2/1.1	0.2/1.3	0.3/1.5	0.4/1.7	-0.1/1.9	-0.3/2.2
TUL	-0.08	0.2/-0.0	0.3/-1.0	0.6/-1.6	1.0/-1.5	1.5/0.0	1.0/-0.3	1.5/0.4	0.8/2.2	-0.2/2.5	-1.7/2.7	-1.9/3.0	-1.4/3.4	-1.0/3.7	-1.0/4.0	-1.0/4.3
TUS	0.01	0.1/-0.4	0.3/-1.2	0.3/-0.3	0.6/0.4	1.1/1.0	1.3/-0.1	0.9/-0.2	-0.3/-5.2	-0.9/-5.0	-0.6/-4.8	-0.7/-4.6	-0.5/-4.4	-0.2/-4.2	-0.3/-3.9	-0.8/-3.7
TYR	-2.45	-1.0/-2.9	-0.7/-2.3	-1.6/-1.8	-2.2/-1.0	-2.9/0.0	-3.6/-0.5	-3.7/-2.3	-2.5/0.2	-2.4/0.4	-3.2/0.6	-2.8/0.9	-2.7/1.1	-2.8/1.4	-2.4/1.6	-2.1/1.9
TYS	3.04	0.3/-1.2	0.3/0.2	0.8/0.4	1.0/1.6	1.4/2.9	2.0/3.4	2.2/4.0	3.0/10.9	3.8/11.2	3.6/11.5	4.3/11.8	4.4/12.1	5.6/12.4	6.1/12.6	6.9/12.9
VCT	-1.01	1.1/-1.9	0.3/-1.2	0.1/-1.8	-0.8/-1.5	0.3/-1.5	0.4/-1.7	-0.1/-2.3	-0.8/-2.9	-1.4/-2.6	-1.5/-2.4	-2.9/-2.2	-3.4/-2.0	-2.2/-1.7	-2.3/-1.5	-2.2/-1.2
WJF	-0.27	-0.3/2.4	-0.2/1.8	-0.2/2.5	-0.1/2.2	-0.6/3.7	-1.0/2.7	-1.0/2.5	-1.3/-0.3	-1.1/-0.1	0.2/0.1	0.2/0.4	0.4/0.6	0.6/0.8	0.2/1.1	0.0/1.4
YKM	-1.49	0.5/-0.9	0.8/-4.1	1.1/-4.4	0.2/-3.2	0.2/-5.1	-0.3/-4.7	-0.9/-4.8	-1.3/0.6	-3.2/0.8	-4.0/1.1	-2.9/1.4	-3.0/1.7	-3.0/2.0	-3.1/2.3	-3.4/2.7
YNG	2.54	-0.3/0.4	-0.2/-0.4	0.1/0.5	-0.0/1.2	0.3/2.3	0.6/2.0	1.3/2.9	2.2/10.5	2.8/10.8	3.4/11.1	4.1/11.5	4.7/11.8	5.4/12.2	6.8/12.5	7.1/12.9
YQB	0.95	-0.6/0.0	-0.1/0.0	-0.3/0.0	-0.6/0.0	-0.7/0.0	-0.4/0.0	1.7/0.0	2.3/1.1	2.8/1.5	2.6/1.9	2.5/2.3	1.8/2.7	1.8/3.1	1.0/3.6	0.4/4.0
YUL	1.40	0.5/0.0	0.2/0.0	0.2/0.0	1.0/0.0	1.8/0.0	2.3/0.0	1.3/0.0	1.4/3.0	1.5/3.4	1.5/3.8	1.5/4.2	1.6/4.6	1.9/5.0	2.2/5.4	2.0/5.9
YVR	-1.86	-0.8/0.0	-0.9/0.0	-1.0/0.0	-1.3/0.0	-1.6/0.0	-1.8/0.0	-2.0/0.0	-2.4/-1.3	-2.8/-1.1	-2.1/-1.0	-2.2/-0.8	-2.3/-0.7	-2.4/-0.6	-2.2/-0.4	-2.1/-0.2
YWG	-0.81	0.1/0.0	0.1/0.0	-0.3/0.0	-0.6/0.0	-1.9/0.0	-2.9/0.0	-3.0/0.0	-2.6/4.9	-2.7/5.4	-2.2/5.9	0.6/6.3	1.0/6.8	1.0/7.3	1.3/7.8	0.1/8.3
YXD	1.09	0.6/0.0	0.8/0.0	0.1/0.0	0.5/0.0	-0.1/0.0	0.5/0.0	-1.2/0.0	-0.1/11.0	1.5/11.3	2.0/11.5	1.4/11.8	2.1/12.1	2.1/12.4	2.8/12.7	3.3/13.0
YYC	-7.37	-1.5/0.0	-3.2/0.0	0.0/0.0	-4.9/0.0	-5.5/0.0	-6.1/0.0	-9.1/0.0	-10.7/3.8	-10.5/4.0	-10.2/4.2	-9.6/4.4	-9.0/4.6	-9.1/4.8	-6.9/5.0	-6.7/5.2
YYZ	2.95	0.3/0.0	0.5/0.0	0.7/0.0	0.6/0.0	0.7/0.0	1.0/0.0	1.4/0.0	1.9/5.3	2.4/5.6	3.9/5.9	5.1/6.3	5.5/6.6	5.9/6.9	6.9/7.3	7.6/7.6

red: S < -0.3 orange: -0.3 < S < -0.1 grey: -0.1 < S < 0.1 green: 0.1 < S < 0.3 blue: S > 0.3

S_score: average of (1 - ECMWF-value / MEX-value)

red: B >= 4.0 orange: 4.0 > B >= 2.0 black: 2.0 > B >= -2.0 green: -2.0 > B >= -4.0 blue: B < -4.0

avg_bias: average of ECMWF-value

ECMWF/MEX MIN Temperature in ALL

MAE (2010-12-01~2010-12-31)

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	0.20	4.0/0.0	3.8/4.6	3.8/4.7	3.9/4.4	4.1/4.5	4.4/5.1	5.1/5.0	5.3/6.0	5.1/6.2	4.7/6.4	4.4/6.5	4.5/6.7	4.3/6.9	4.4/7.1	4.5/--
ABI	0.03	3.2/0.0	4.3/4.0	5.0/4.8	5.4/5.0	5.3/4.6	5.8/6.3	6.0/6.7	6.7/7.5	6.9/7.5	6.9/7.5	7.3/7.6	7.1/7.7	6.9/7.6	7.0/7.7	7.0/--
ABQ	0.19	2.8/0.0	2.7/2.1	2.6/2.4	2.7/2.7	2.6/2.9	2.4/3.3	2.3/3.4	2.9/7.2	4.1/7.0	5.0/6.8	4.9/6.7	4.9/6.6	5.1/6.4	5.1/6.3	5.3/--
ABY	0.45	1.7/0.0	1.8/2.4	1.5/2.9	1.6/3.8	2.4/4.4	3.4/4.9	3.9/6.8	4.3/10.9	4.8/11.0	6.2/11.2	6.2/11.4	6.3/11.6	5.9/11.6	6.8/11.8	7.9/--
ACT	0.16	2.4/0.0	2.8/4.3	3.2/4.8	3.6/4.5	4.1/4.6	5.0/5.5	6.2/8.0	6.9/9.1	8.0/9.2	8.2/9.1	8.6/9.2	8.6/9.2	8.4/9.3	8.5/9.4	8.6/--
ACY	0.27	3.8/0.0	3.4/3.9	3.5/4.4	3.5/4.3	4.0/4.3	4.8/5.5	4.8/5.3	5.0/6.6	4.5/6.7	4.2/7.0	4.2/7.1	4.2/7.3	4.1/7.5	4.2/7.8	4.4/--
ALB	0.10	4.4/0.0	4.0/3.8	4.1/4.6	4.8/4.8	4.7/4.7	5.2/5.1	5.5/4.0	5.4/6.4	5.9/6.5	6.1/6.7	4.9/6.9	5.3/7.1	4.8/7.4	4.5/7.7	5.2/--
ALW	-0.07	4.1/0.0	4.0/4.0	3.7/3.9	4.0/3.7	4.2/4.1	5.2/4.7	5.4/5.0	6.4/6.6	7.1/6.6	7.1/6.6	7.7/6.6	7.8/6.6	7.3/6.7	7.7/6.8	7.7/--
AOO	0.21	3.3/0.0	3.2/3.3	3.6/3.3	3.3/3.1	3.5/3.4	5.2/4.1	4.8/3.6	4.3/6.6	3.6/6.9	3.1/7.2	3.4/7.4	3.7/7.7	3.6/8.0	3.9/8.2	4.4/--
APN	-0.53	6.8/0.0	8.6/4.5	8.8/4.7	9.0/4.9	8.4/4.9	8.8/5.1	8.9/4.4	9.6/6.7	9.0/6.6	8.7/6.7	8.2/6.8	8.7/6.8	8.1/6.9	8.0/7.0	8.2/--
ATL	0.43	2.0/0.0	2.0/2.7	2.0/3.0	2.2/3.7	2.8/4.5	3.3/4.5	3.5/5.1	3.9/9.8	4.7/9.9	4.7/10.1	5.2/10.4	5.2/10.6	5.3/10.8	5.8/10.9	6.3/--
AUG	-0.07	4.2/0.0	4.7/3.7	4.8/4.0	5.2/5.1	6.3/4.7	6.2/5.2	6.3/4.9	6.2/6.3	6.8/6.4	7.3/6.6	6.8/6.7	5.7/6.9	5.7/7.0	5.5/7.3	6.2/--
AUS	0.01	6.0/0.0	5.4/3.5	5.7/3.6	5.6/3.8	5.6/4.7	6.4/5.5	6.4/6.8	7.5/11.8	7.5/11.9	7.9/12.0	9.0/12.1	9.2/12.2	9.4/12.3	9.5/12.5	9.9/--
AVP	0.28	3.8/0.0	3.9/3.7	3.5/4.2	3.5/4.6	3.9/4.3	4.5/5.0	4.8/5.4	4.5/7.5	4.8/7.7	4.6/8.0	4.5/8.2	4.9/8.5	4.6/8.9	4.8/9.1	5.6/--
BDL	0.14	3.9/0.0	3.2/4.1	3.6/4.2	3.8/4.4	4.7/4.3	5.1/4.5	5.1/4.2	5.3/6.1	5.3/6.3	5.4/6.5	5.2/6.8	4.9/7.0	4.6/7.3	4.6/7.5	4.9/--
BFL	0.15	2.0/0.0	2.6/2.7	2.9/3.2	3.7/3.5	3.7/3.9	3.9/3.4	4.2/3.6	4.3/7.3	4.7/7.2	4.8/7.1	4.8/7.1	5.1/7.0	5.3/6.9	5.2/6.8	5.0/--
BGM	0.27	3.7/0.0	3.3/3.3	3.0/3.8	3.0/3.9	3.3/3.9	3.9/4.7	3.9/5.0	4.4/6.8	4.7/7.1	5.0/7.3	4.9/7.5	5.1/7.8	4.6/8.1	4.5/8.4	4.7/--
BHM	0.29	3.1/0.0	2.8/3.9	3.5/3.1	3.9/4.7	3.7/5.1	4.2/5.4	4.8/5.4	5.4/10.3	5.6/10.3	6.2/10.5	6.4/10.7	6.4/10.8	6.9/10.9	7.1/11.0	7.5/--
BIS	-0.34	6.7/0.0	7.3/6.7	6.1/7.6	5.9/6.6	6.7/6.2	7.3/5.2	6.8/5.2	6.5/5.5	7.4/5.7	9.2/5.8	9.6/5.8	10.2/5.9	10.0/5.9	10.1/6.1	9.1/--
BNA	0.23	2.8/0.0	3.2/3.6	3.5/3.3	3.7/3.8	4.3/4.6	4.7/5.7	5.1/6.3	6.2/10.3	6.2/10.5	7.1/10.7	7.5/11.0	7.6/11.1	7.6/11.3	7.7/11.5	8.1/--
BOI	-0.49	3.5/0.0	3.5/3.0	3.8/2.8	4.2/2.7	4.5/2.6	5.3/3.7	5.3/3.3	6.1/4.8	6.7/4.6	7.4/4.6	6.5/4.5	6.5/4.4	6.6/4.2	7.5/4.2	7.0/--
BOS	0.15	2.5/0.0	2.2/2.9	2.4/3.7	3.0/3.5	3.2/3.4	3.6/2.6	3.7/3.0	3.4/5.6	4.4/5.8	5.2/6.0	4.8/6.2	4.5/6.5	4.8/6.7	5.1/6.9	5.2/--
BRO	-0.08	5.6/0.0	6.3/3.6	6.4/3.1	5.0/3.7	4.2/4.5	4.1/4.3	5.0/5.2	6.7/8.9	7.5/9.1	7.7/9.1	8.0/9.0	8.0/9.0	8.4/9.1	8.7/9.2	8.5/--
BTV	0.13	3.6/0.0	4.0/3.6	4.3/4.3	4.4/5.0	4.4/4.0	4.5/4.4	4.6/4.9	5.0/7.0	5.7/7.2	5.9/7.4	5.4/7.5	5.6/7.7	6.1/7.8	5.7/8.1	6.5/--
BUF	0.14	3.4/0.0	3.5/2.9	4.2/3.6	4.3/3.6	4.5/3.8	4.3/4.0	3.8/4.1	4.7/6.5	4.9/6.7	4.6/6.9	4.4/7.2	4.4/7.4	4.6/7.7	4.4/7.8	4.5/--
BUR	0.09	2.7/0.0	2.9/2.7	3.2/3.0	3.2/3.2	3.1/2.9	3.1/2.7	2.8/2.9	3.0/6.1	3.6/6.1	4.1/6.1	4.7/6.0	5.3/5.9	5.4/5.8	5.8/5.7	5.8/--
BWI	0.22	3.4/0.0	3.4/5.0	3.6/4.4	3.4/3.7	3.8/3.4	4.3/4.3	4.2/4.5	4.2/5.3	3.9/5.4	3.8/5.6	3.9/5.8	3.9/5.9	3.7/6.2	3.8/6.4	4.0/--
CAE	0.33	3.0/0.0	2.9/3.5	3.0/3.5	3.1/3.5	4.0/4.2	4.5/4.6	4.7/6.0	4.8/10.7	4.8/10.9	5.1/11.1	5.7/11.2	5.6/11.4	5.7/11.6	6.0/11.8	6.8/--
CHA	0.32	3.3/0.0	3.2/3.2	2.9/2.8	2.7/3.7	2.6/4.1	2.8/4.3	3.0/4.6	3.8/8.3	4.5/8.5	5.1/8.6	5.6/8.7	5.4/8.9	5.9/9.1	5.7/9.3	5.9/--
CLE	0.08	3.2/0.0	2.9/2.7	3.3/2.9	4.0/3.1	4.6/3.5	4.5/3.4	4.9/3.8	5.4/7.6	5.7/7.9	5.5/8.1	5.4/8.3	4.9/8.5	5.0/8.7	5.3/9.0	5.5/--
CLT	0.30	3.5/0.0	3.7/3.3	3.7/3.6	3.8/4.1	4.4/4.9	5.2/5.0	5.2/6.3	5.6/12.5	5.5/12.7	5.8/12.9	6.6/13.1	6.4/13.2	5.9/13.5	6.5/13.7	6.8/--
CMH	0.19	3.1/0.0	2.9/3.6	2.9/3.1	3.4/3.5	3.8/3.9	3.9/5.0	5.1/5.0	6.8/9.1	6.9/9.4	7.1/9.6	6.8/9.7	7.1/10.0	7.0/10.2	7.0/10.4	7.4/--
CON	-0.09	5.3/0.0	5.4/4.5	5.0/4.5	5.6/5.3	6.3/4.7	6.6/5.5	7.2/5.2	6.9/6.2	7.4/6.4	7.6/6.5	6.8/6.7	6.2/7.0	5.6/7.2	5.2/7.4	5.9/--
COS	0.03	3.6/0.0	3.9/3.8	3.7/4.3	4.1/4.0	4.0/4.2	4.0/4.1	4.1/3.6	5.2/6.6	5.7/6.4	5.6/6.3	6.0/6.3	6.6/6.1	5.8/5.9	5.5/5.8	6.3/--
COU	0.14	3.7/0.0	3.8/3.5	3.9/3.8	4.3/4.6	4.5/5.2	5.0/6.4	5.6/6.6	6.3/9.0	7.4/9.1	7.7/9.3	8.1/9.5	8.1/9.6	8.0/9.8	8.1/10.0	8.3/--
CQT	-0.03	2.7/0.0	2.6/1.8	2.7/2.3	2.7/2.3	2.9/2.3	2.8/2.3	3.0/2.6	2.6/3.5	2.8/3.6	3.0/3.6	3.0/3.6	3.2/3.5	3.3/3.5	3.3/3.5	3.3/--
CRP	-0.12	5.1/0.0	6.4/4.2	6.8/4.1	6.6/3.8	5.8/4.1	5.7/4.5	5.7/6.2	7.6/10.2	8.5/10.2	8.7/10.2	9.1/10.3	9.2/10.4	9.4/10.3	9.7/10.3	9.5/--
CRW	-0.08	5.0/0.0	5.2/3.5	5.4/2.7	4.9/2.7	4.8/2.9	5.7/4.1	5.1/4.1	4.8/7.6	4.6/7.9	5.1/8.0	5.4/8.2	5.2/8.4	5.5/8.6	6.4/8.7	7.5/--
CVG	-0.14	5.6/0.0	6.0/3.2	6.3/3.0	6.6/3.2	5.2/4.1	5.7/5.3	6.7/5.7	8.7/10.7	9.2/10.9	9.3/11.2	8.7/11.3	8.8/11.6	8.2/11.9	8.0/12.0	8.3/--
DAY	0.03	4.1/0.0	4.2/3.4	4.2/3.0	4.7/3.3	4.7/4.3	4.8/4.9	6.4/5.1	7.7/9.6	8.5/9.9	8.4/10.2	7.8/10.4	7.9/10.7	7.3/10.9	7.4/11.2	7.7/--
DBQ	0.18	3.6/0.0	4.0/4.0	4.2/4.2	4.9/4.8	5.5/5.6	6.1/7.2	6.7/6.4	6.8/10.0	7.0/10.3	7.5/10.6	7.4/10.7	7.2/11.0	7.3/11.3	7.5/11.5	7.8/--
DCA	0.30	1.8/0.0	2.0/3.9	2.4/3.9	2.3/3.4	2.7/2.4	3.2/3.1	3.0/3.3	3.6/5.8	3.7/6.0	3.9/6.1	4.1/6.4	4.0/6.5	3.8/6.8	3.7/7.0	3.7/--
DEC	-0.06	4.2/0.0	4.1/3.0	4.4/2.6	5.3/3.3	5.6/4.1	5.6/5.0	5.8/4.9	6.9/9.1	7.6/9.3	8.0/9.5	7.9/9.8	7.8/10.1	7.5/10.3	7.6/10.5	7.9/--
DEN	-0.10	4.2/0.0	4.2/5.6	4.1/5.8	3.9/5.6	4.4/5.0	4.9/5.3	5.4/4.9	6.3/6.0	7.5/5.8	7.8/5.8	8.0/5.8	8.4/5.8	7.7/5.7	7.8/5.6	7.1/--
DFW	0.17	1.8/0.0	2.0/2.7	2.2/3.2	2.2/3.8	3.0/4.1	3.6/5.5	4.0/5.4	5.2/6.8	6.1/6.7	6.7/6.7	7.6/6.9	7.2/7.0	6.7/7.0	6.2/7.0	6.5/--
DLH	-0.17	5.7/0.0	7.2/6.1	8.4/6.1	9.5/6.6	11.0/7.1	11.7/7.6	11.9/8.1	9.7/10.0	10.1/9.9	9.3/9.9	8.6/9.8	9.1/10.0	9.4/10.0	9.3/10.0	8.8/--
DSM	-0.03	5.5/0.0	5.1/3.9	4.7/4.7	6.2/5.1	5.9/5.3	6.2/5.5	7.0/6.4	7.2/7.3	7.4/7.5	7.9/7.6	7.5/7.9	7.0/8.1	7.1/8.3	7.6/8.6	7.0/--
DTW	-0.04	4.8/0.0	4.8/3.6	5.4/3.3	5.5/3.8	5.4/4.0	4.8/3.7	5.3/3.8	5.6/7.4	5.9/7.6	5.6/7.8	6.0/8.1	5.9/8.3	5.5/8.5	5.5/8.7	5.8/--
ELP	-0.08	5.9/0.0	6.0/4.1	6.0/4.4	6.1/5.2	5.9/5.1	6.2/5.1	6.4/5.5	5.9/7.0	6.4/7.1	6.8/7.0	6.5/7.0	6.3/6.9	6.7/7.0	6.9/7.1	6.4/--
ERI	0.09	3.0/0.0	3.2/2.8	3.5/2.9	3.7/3.0	4.4/3.1	4.4/3.1	4.2/3.3	4.5/6.5	4.7/6.7	4.8/7.0	4.3/7.3	4.0/7.5	3.9/7.8	3.6/8.1	3.8/--
EUG	-0.41	4.0/0.0	4.5/3.1	5.4/2.6	5.4/2.6	4.7/3.4	5.0/4.0	5.4/4.6	5.7/5.8	7.0/5.7	7.0/5.6	7.5/5.5	7.7/5.5	7.2/5.5	7.5/5.5	7.3/--
EVV	0.08	3.2/0.0	3.7/2.7	3.6/3.0	4.0/3.3	4.4/4.2	4.6/4.6	5.2/5.5	6.2/9.7	6.7/9.8	7.7/9.9	8.0/10.2	8.3/10.4	8.5/10.6	8.7/10.7	8.8/--
EWR	0.32	2.7/0.0	2.5/3.2	2.6/3.5	2.7/3.3	2.7/3.4	2.9/4.1	3.2/3.7	4.0/6.1	4.2/6.4	4.1/6.6	3.9/6.9	4.0/7.1	4.0/7.3	4.2/7.6	4.4/--
FAR	-0.31	6.9/0.0	6.7/5.7	7.3/6.5	7.9/7.2	8.4/8.4	9.5/6.3	7.5/6.4	8.6/6.4	9.0/6.4	9.1/6.5	9.5/6.3	9.4/6.5	9.6/6.5	9.8/6.8	8.9/--
FAT	0.29	3.0/0.0	2.8/3.4	3.1/3.9	2.9/3.9	3.1/4.7	3.8/4.5	3.9/4.8	4.4/8.0	4.8/7.9	4.9/7.8	4.9/7.7	5.0/7.6	5.3/7.5	5.5/7.4	5.7/--
FLG	-0.09	5.6/0.0	6.3/4.8	6.8/4.6	6.1/5.4	5.5/5.4	6.3/5.1	6.8/5.0	7.5/8.7	8.1/8.7	8.2/8.6	8.3/8.4	8.2/8.3	7.8/8.2	7.5/8.0	7.2/--
FMY	0.46	1.9/0.0	2.0/3.3	2.3/3.2	2.6/4.3	2.9/5.4	3.5/5.9	3.9/5.6	4.2/12.6	5.4/12.8	6.6/13.0	6.8/13.2	6.7/13.4	6.1/13.5	6.9/13.7	7.8/--
FSD	-0.07	5.4/0.0	5.2/5.0	5.0/5.3	4.7/6.4	5.6/7.8	6.6/5.7	6.1/7.0	7.1/6.9	8.5/7.0	9.4/7.0	9.6/7.1	9.0/7.2	8.7/7.3	8.2/7.4	8.0/--
FWA	0.15	5.0/0.0	5.0/3.9	5.2/3.8	4.6/4.2	4.6/4.6	5.1/5.0	5.3/5.7	6.3/10.6	7.3/10.9	7.7/11.2	7.2/11.4	7.1/11.6	6.8/11.9	6.6/12.1	7.0/--

GAD	0.32	3.6/0.0	3.3/4.0	3.4/3.8	3.6/3.6	3.5/3.9	3.7/4.5	3.5/4.6	3.9/9.3	4.2/9.5	5.3/9.7	5.3/9.9	5.4/10.0	5.8/10.3	6.0/10.4	6.3/--
GEG	-0.03	3.0/0.0	4.0/3.3	4.2/3.6	4.5/4.4	4.4/4.4	4.3/3.9	3.5/4.0	3.5/7.0	5.0/6.8	6.3/6.8	7.6/6.7	7.6/6.6	7.7/6.5	8.6/6.4	9.0/--
GTF	-0.63	12.5/0.0	11.6/5.2	12.3/5.4	12.0/5.4	13.0/6.0	13.0/6.0	13.3/7.9	13.6/11.0	12.9/10.9	13.0/11.0	13.0/11.0	13.2/10.9	13.7/10.9	13.3/11.0	12.0/--
HOU	-0.09	5.3/0.0	5.1/3.2	5.4/3.4	5.5/4.1	6.0/4.0	6.1/4.4	5.8/6.0	6.3/9.4	6.9/9.4	7.6/9.5	8.4/9.7	8.6/9.7	8.8/9.7	8.9/9.8	9.3/--
HSV	0.28	3.2/0.0	3.3/4.4	3.4/3.5	3.4/4.2	3.3/4.0	3.8/4.8	4.2/5.1	4.7/8.8	5.3/9.0	5.9/9.1	6.2/9.2	6.3/9.4	6.6/9.6	6.2/9.7	6.2/--
IAH	0.17	2.5/0.0	3.1/3.1	3.2/2.9	3.2/3.6	3.1/4.1	3.9/5.0	4.5/6.6	5.5/9.9	6.6/10.0	7.5/10.2	8.9/10.2	9.4/10.2	8.9/10.3	9.1/10.4	9.7/--
ICT	0.18	2.5/0.0	3.0/4.1	3.1/4.6	3.5/5.0	4.2/4.8	4.4/5.5	4.6/5.6	4.7/5.9	5.1/6.0	5.4/6.1	5.4/6.3	5.6/6.5	5.9/6.5	5.8/6.6	4.9/--
ILG	0.28	3.7/0.0	3.5/3.7	3.8/4.1	3.6/3.9	3.8/3.9	4.3/4.6	4.1/4.5	4.1/6.9	4.1/7.1	4.0/7.3	3.7/7.5	4.0/7.8	3.9/8.0	4.1/8.2	4.3/--
IND	0.01	3.9/0.0	4.4/2.9	4.0/2.9	4.0/3.2	4.8/4.0	5.5/4.5	6.6/6.1	8.0/10.4	8.5/10.7	8.8/10.9	8.3/11.1	8.4/11.2	7.7/11.5	8.1/11.7	8.4/--
IPT	0.20	4.4/0.0	3.8/4.6	3.9/4.4	4.0/4.4	4.3/4.7	4.7/5.2	5.0/5.2	4.8/6.0	4.5/6.1	4.4/6.2	4.3/6.3	4.6/6.6	4.5/6.6	4.6/6.9	4.9/--
JAN	0.25	2.5/0.0	2.5/2.9	2.8/3.0	3.2/3.4	4.1/5.1	4.4/5.8	4.7/6.2	5.5/10.4	6.0/10.5	6.8/10.5	8.0/10.5	7.5/10.6	7.7/10.8	8.1/10.8	8.7/--
JAX	0.49	2.3/0.0	2.9/4.1	2.9/5.0	3.1/5.3	3.5/6.3	3.8/7.0	4.4/7.3	4.8/14.2	5.4/14.4	6.7/14.6	7.2/14.7	7.0/14.9	7.0/15.0	7.3/15.3	8.6/--
JFK	0.16	3.3/0.0	3.1/3.3	2.7/3.3	2.9/3.6	3.2/3.4	3.0/3.8	3.6/3.8	4.5/6.2	4.9/6.5	5.3/6.7	6.2/7.0	6.4/7.2	6.1/7.5	6.0/7.7	7.3/--
LAN	-0.24	4.8/0.0	5.9/2.9	6.7/2.9	6.4/3.2	5.7/3.9	5.1/4.1	5.8/4.0	6.0/6.9	6.1/7.1	5.7/7.3	6.1/7.5	6.4/7.7	5.9/7.8	5.9/8.1	5.9/--
LAS	-0.16	4.8/0.0	4.3/2.0	4.2/2.1	3.9/2.2	4.0/2.3	3.7/2.5	3.8/2.6	3.7/7.0	3.5/6.9	3.6/6.7	3.9/6.6	4.3/6.5	4.6/6.3	4.7/6.2	4.7/--
LAX	0.06	2.5/0.0	2.5/2.2	2.6/2.6	2.5/2.7	2.7/2.6	2.4/2.6	2.7/2.5	2.8/4.1	3.2/4.0	3.4/3.9	3.3/3.8	3.5/3.8	3.8/3.8	4.0/3.8	4.0/--
LEX	0.04	4.0/0.0	4.4/3.5	4.9/3.4	4.9/3.6	5.0/3.8	6.1/5.1	6.5/6.0	7.3/10.9	7.6/11.1	8.1/11.4	8.2/11.6	8.2/11.8	8.2/12.1	8.8/12.3	9.3/--
LFK	0.10	3.4/0.0	3.5/3.0	3.5/2.8	3.3/3.6	3.8/4.9	4.8/5.3	5.2/7.0	6.6/9.8	7.5/10.0	8.3/9.9	8.9/10.0	9.1/10.0	9.1/10.1	9.4/10.1	9.8/--
LGA	0.34	1.8/0.0	1.8/3.3	1.9/3.1	1.8/3.0	1.9/3.0	2.0/3.1	2.1/2.9	2.7/5.2	3.5/5.4	3.8/5.5	3.8/5.9	4.4/6.1	4.8/6.3	4.9/6.6	5.2/--
LGB	0.00	2.8/0.0	2.7/2.1	3.2/3.1	3.7/3.0	4.2/2.8	3.8/3.3	3.5/3.3	3.2/4.9	3.7/5.0	3.9/4.9	3.9/4.8	4.0/4.8	4.5/4.8	4.6/4.8	4.4/--
LIT	0.13	3.3/0.0	3.5/2.8	3.4/2.6	3.6/2.5	3.5/3.5	3.8/4.6	4.0/5.5	4.2/8.1	4.8/8.2	5.8/8.3	6.6/8.5	6.6/8.7	6.4/8.8	6.0/9.0	6.0/--
LNS	0.18	3.5/0.0	3.2/4.5	3.2/4.4	3.3/4.0	3.5/3.8	3.4/4.8	4.1/4.6	4.6/4.6	4.1/4.7	3.8/4.7	3.8/4.7	3.7/4.8	3.7/4.9	4.0/4.8	4.0/--
MAF	-0.77	7.0/0.0	8.4/3.1	8.7/3.0	8.7/3.4	8.1/2.5	7.7/3.6	7.9/4.4	7.4/5.8	7.3/5.8	6.1/5.8	6.2/5.9	5.9/6.0	6.0/6.1	6.1/6.1	6.3/--
MBA	0.15	3.3/0.0	3.1/3.6	3.0/4.3	3.7/4.2	4.2/4.1	4.8/4.7	6.0/4.9	5.4/6.5	6.0/6.6	5.9/6.8	5.3/6.9	5.2/7.2	4.8/7.5	4.7/7.6	5.1/--
MCI	0.26	3.0/0.0	2.4/3.8	3.0/4.6	3.6/5.6	4.4/6.2	4.1/5.6	5.7/7.0	5.7/8.3	7.1/8.5	7.4/8.6	7.5/8.7	6.9/9.0	6.6/9.1	6.4/9.4	6.7/--
MCN	0.41	2.4/0.0	2.5/3.3	2.7/3.9	2.9/3.9	3.3/5.5	4.1/5.5	4.3/6.2	4.7/10.8	4.9/11.0	5.5/11.1	6.1/11.2	5.8/11.3	5.6/11.5	6.0/11.7	6.8/--
MCO	0.52	2.4/0.0	2.5/4.4	2.9/5.0	3.1/5.2	3.4/6.8	3.7/7.0	4.1/7.7	4.9/14.8	5.6/15.0	7.0/15.2	7.2/15.4	6.9/15.5	6.6/15.7	6.7/15.9	7.6/--
MDT	0.28	3.3/0.0	3.0/4.8	3.0/4.6	3.2/4.2	3.2/4.0	3.7/4.4	4.0/4.3	4.3/5.7	4.0/5.9	3.9/6.1	4.1/6.4	4.4/6.5	4.3/6.8	4.8/7.1	5.7/--
MEM	0.29	2.0/0.0	2.0/3.1	2.7/3.1	3.1/3.1	3.2/4.0	3.8/5.1	4.1/5.3	4.5/8.5	5.0/8.7	6.2/9.0	6.4/9.2	6.4/9.3	6.3/9.5	6.2/9.8	6.7/--
MHT	0.12	2.9/0.0	2.6/3.3	2.6/3.8	3.3/3.7	4.1/3.5	4.5/3.2	5.0/3.7	4.8/7.7	5.8/7.5	6.1/7.2	5.5/6.9	4.9/6.7	4.3/6.6	4.6/6.5	4.6/--
MIA	0.37	2.3/0.0	2.5/3.3	2.9/3.5	3.4/4.4	3.4/5.5	3.9/5.7	4.3/6.3	5.0/12.0	6.5/12.2	7.4/12.4	7.7/12.5	7.2/12.6	7.5/12.8	7.9/12.9	8.8/--
MKE	-0.16	5.9/0.0	5.3/2.6	5.2/2.6	5.7/3.3	6.4/3.7	6.4/4.9	6.7/6.1	6.8/9.3	7.9/9.4	7.4/9.5	7.3/9.7	7.7/10.0	7.3/10.1	7.3/10.3	8.3/--
MOB	0.23	2.6/0.0	2.3/2.2	2.7/2.9	2.8/3.7	3.5/4.9	3.8/5.2	4.1/5.9	5.2/11.2	6.7/11.3	8.0/11.3	9.1/11.5	9.6/11.7	10.0/11.7	10.6/11.8	11.3/--
MSP	0.12	4.3/0.0	4.5/5.1	4.6/5.0	5.7/5.5	5.8/6.2	6.1/6.0	6.9/6.5	6.6/7.5	6.5/7.7	6.4/7.9	6.3/8.1	6.2/8.4	6.6/8.5	6.9/8.8	6.9/--
MSY	0.26	3.0/0.0	2.8/3.4	2.8/3.5	3.0/4.3	3.6/4.7	4.3/5.1	4.1/5.6	4.8/9.5	5.8/9.5	6.9/9.6	7.6/9.7	7.4/9.9	7.6/9.9	8.2/10.1	9.6/--
MWL	0.18	2.9/0.0	3.5/3.8	3.3/3.8	3.2/3.8	3.3/3.9	3.6/4.9	4.4/5.9	5.1/7.5	6.0/7.5	6.2/7.6	7.0/7.7	6.7/7.9	6.7/8.1	6.7/8.1	7.1/--
NKX	-0.01	2.1/0.0	2.4/2.3	2.8/2.6	3.1/3.7	3.1/3.2	3.6/3.2	3.5/3.4	3.5/0.0	3.7/0.0	3.8/0.0	3.7/0.0	4.0/0.0	4.4/0.0	4.5/0.0	4.5/--
NTU	0.40	3.7/0.0	3.4/3.3	3.5/3.6	3.2/3.5	3.7/4.1	4.2/5.4	4.4/5.9	4.7/12.2	4.4/12.5	4.3/12.7	4.4/12.9	4.9/13.1	4.7/13.4	4.7/13.6	5.6/--
OAK	-0.04	3.0/0.0	2.8/2.8	2.6/3.0	2.6/3.0	2.8/3.0	3.7/3.6	4.1/4.3	4.5/4.9	5.4/4.8	5.3/4.8	5.1/4.7	5.4/4.6	5.6/4.6	5.6/4.5	5.6/--
OKC	0.14	2.7/0.0	2.3/3.4	2.7/3.9	3.6/4.5	3.7/4.6	3.7/5.6	4.5/5.5	4.8/6.3	6.1/6.4	7.0/6.5	7.0/6.7	6.9/6.7	6.6/6.8	6.0/7.0	5.8/--
OMA	0.14	3.2/0.0	3.4/5.4	3.7/5.7	4.1/5.6	4.5/6.1	4.8/5.6	5.7/5.7	5.3/6.7	6.8/6.8	7.0/6.9	7.4/7.1	7.3/7.3	7.3/7.5	6.2/7.6	6.0/--
ORD	0.11	4.1/0.0	3.5/2.9	3.9/3.3	3.9/3.6	4.4/3.8	4.8/4.4	5.9/5.4	6.9/10.0	7.4/10.4	7.3/10.6	7.3/10.9	7.5/11.2	7.6/11.4	7.6/11.7	8.5/--
ORH	0.01	3.8/0.0	3.7/3.4	3.8/3.7	4.3/4.4	5.2/4.1	5.8/4.1	5.7/4.3	5.1/5.8	5.8/6.0	6.0/6.3	5.3/6.5	5.0/6.5	4.6/6.9	4.7/7.1	4.9/--
PDT	-0.26	4.0/0.0	3.9/3.5	3.8/3.8	4.1/3.6	4.8/4.2	5.0/4.5	5.4/4.5	6.4/6.1	7.5/6.2	9.3/6.2	9.2/6.2	9.6/6.2	9.3/6.2	9.7/6.3	9.8/--
PDX	0.13	5.1/0.0	3.0/3.2	3.3/3.2	3.3/2.9	2.6/3.1	2.3/3.2	2.3/3.7	2.8/4.2	3.0/4.1	2.9/4.0	3.3/3.9	3.4/3.8	3.7/3.7	4.2/3.7	3.8/--
PHL	0.40	2.3/0.0	2.2/3.7	2.4/3.5	2.4/3.5	2.6/3.0	2.8/3.9	3.2/4.0	3.6/6.8	3.7/7.0	3.6/7.2	3.5/7.5	3.8/7.7	3.7/8.1	4.1/8.4	4.3/--
PHX	0.09	2.4/0.0	2.3/2.4	2.3/2.5	2.4/2.1	2.5/2.4	2.4/2.7	2.8/3.1	2.8/6.1	3.8/6.0	4.9/5.9	5.5/5.8	5.5/5.6	5.7/5.5	6.0/5.4	6.2/--
PIR	-0.03	5.3/0.0	5.5/5.4	5.4/5.8	5.4/5.2	5.7/5.6	5.9/4.9	6.3/4.9	6.8/6.5	7.3/6.4	6.1/6.6	6.4/6.8	6.9/6.9	6.7/7.1	6.2/7.3	6.0/--
PIT	-0.01	3.9/0.0	3.7/3.0	4.6/3.0	4.8/2.8	5.0/3.5	5.2/3.9	5.1/3.6	5.2/7.9	5.7/8.1	6.0/8.3	5.3/8.5	5.0/8.8	5.3/9.1	5.2/9.3	5.3/--
PVD	0.20	3.1/0.0	2.5/3.3	2.6/3.8	2.9/4.1	3.4/3.7	3.7/3.6	4.1/4.0	4.2/5.5	4.5/5.7	5.0/5.8	4.6/6.0	4.4/6.2	4.5/6.5	5.0/6.8	5.0/--
PWM	-0.01	3.0/0.0	3.4/3.7	3.6/4.1	3.9/4.4	4.5/4.3	5.6/4.7	6.3/5.0	5.8/5.5	6.5/5.7	6.8/5.7	6.5/5.9	5.4/6.0	5.0/6.2	4.5/6.4	4.9/--
RAL	0.16	3.8/0.0	4.0/6.3	4.0/5.4	4.4/6.2	4.5/6.0	4.5/5.8	5.1/6.4	5.4/6.5	5.5/6.5	6.0/6.5	6.6/6.6	6.9/6.6	6.7/6.7	6.4/6.8	6.2/--
RAP	-0.40	5.3/0.0	4.8/4.5	5.5/5.0	6.3/5.6	7.6/6.2	7.3/5.3	8.4/5.2	8.8/6.4	9.5/6.4	10.2/6.3	9.9/6.3	9.8/6.3	9.3/6.4	11.1/6.6	9.8/--
RBL	0.11	6.1/0.0	4.4/4.1	4.2/4.6	4.4/4.6	5.0/5.2	5.9/6.0	6.2/6.2	5.9/7.2	5.7/7.2	5.6/7.2	5.7/7.1	5.8/7.0	5.8/6.9	5.8/6.8	5.5/--
RDD	0.23	4.8/0.0	4.3/5.3	4.5/6.7	4.6/5.9	4.6/6.3	5.1/7.7	5.5/5.7	5.4/8.2	6.0/8.1	6.0/8.0	6.0/8.0	6.1/7.9	6.4/7.8	6.5/7.7	6.4/--
RDU	0.28	3.0/0.0	2.8/3.9	3.1/3.1	3.2/3.4	3.6/3.1	4.2/3.7	4.5/5.7	4.8/8.6	4.7/8.8	4.6/9.0	4.8/9.3	4.8/9.4	4.6/9.5	5.0/9.8	5.4/--
RIC	0.16	3.2/0.0	3.5/4.0	3.9/2.9	3.9/2.6	4.1/3.3	4.4/4.0	4.6/4.6	4.8/7.8	4.6/8.0	4.8/8.2	4.7/8.5	4.8/8.7	4.3/8.9	4.4/9.1	4.9/--
RNO	-0.01	3.8/0.0	3.4/3.7	3.6/4.0	4.4/3.6	5.0/4.5	6.2/4.7	7.0/5.2	7.9/9.2	8.8/9.1	8.2/8.9	8.0/8.8	7.2/8.6	7.4/8.5	7.7/8.3	8.8/--

ROA	0.19	2.6/0.0	3.0/3.2	3.0/2.9	3.1/3.0	3.4/3.2	3.4/4.1	3.8/5.1	5.1/6.9	5.1/7.1	5.4/7.4	5.6/7.5	5.3/7.7	5.1/7.9	4.9/8.1	4.7/--
ROC	0.20	2.8/0.0	2.6/3.7	3.0/4.2	3.3/4.3	4.4/4.5	4.9/4.6	4.9/4.6	4.9/6.4	5.3/6.5	5.5/6.7	5.0/7.0	5.1/7.2	5.2/7.5	4.8/7.7	5.2/--
SAC	0.02	4.8/0.0	5.1/4.1	5.1/4.5	5.2/4.0	5.1/4.8	5.3/5.5	5.4/5.6	6.0/8.1	6.6/8.1	6.3/7.9	6.9/7.9	7.0/7.8	7.3/7.7	7.5/7.5	7.5/--
SAN	-1.56	6.9/0.0	7.2/1.7	7.3/1.6	7.1/2.0	6.7/2.2	6.5/2.5	6.6/2.8	6.6/4.3	7.1/4.3	7.4/4.3	8.5/4.3	8.6/4.3	8.6/4.2	8.7/4.3	8.5/--
SAT	0.11	3.5/0.0	3.0/2.4	3.6/2.7	3.5/3.4	3.3/3.7	4.4/5.1	4.9/6.2	5.8/8.7	6.2/8.8	6.7/8.8	7.5/8.9	7.7/9.1	7.5/9.2	7.5/9.2	7.9/--
SAV	0.42	2.6/0.0	2.8/4.4	2.9/4.8	3.4/5.5	4.3/6.5	4.6/7.1	4.9/7.7	5.5/12.1	6.1/12.3	6.4/12.5	7.1/12.5	7.3/12.7	6.9/13.0	7.2/13.1	8.2/--
SDF	-0.01	3.1/0.0	3.5/2.6	3.6/2.4	4.0/2.7	4.2/3.4	4.6/3.4	5.3/4.7	6.4/9.8	6.9/10.0	7.7/10.3	7.8/10.5	7.9/10.8	8.4/11.0	8.9/11.3	9.6/--
SEA	0.09	2.4/0.0	2.4/3.5	2.3/3.8	2.2/3.3	2.1/3.4	2.6/3.2	2.4/3.9	2.9/4.1	3.1/4.0	4.4/4.0	5.0/4.0	5.2/4.0	5.5/4.0	5.5/4.1	5.7/--
SFO	-0.07	2.8/0.0	2.7/1.9	2.9/2.5	3.1/2.6	3.3/2.7	3.8/3.1	4.3/3.2	4.7/5.3	5.3/5.1	4.7/5.0	4.2/5.0	4.4/5.0	4.6/4.9	4.4/4.7	4.4/--
SJC	0.08	2.7/0.0	3.2/2.9	3.1/3.5	3.4/3.5	3.7/4.1	4.6/4.1	4.7/4.5	5.2/7.0	6.0/6.8	5.8/6.8	5.4/6.7	5.7/6.7	5.9/6.7	6.1/6.5	6.0/--
SJT	-0.37	6.4/0.0	8.5/4.1	9.1/4.8	8.5/4.5	8.1/3.9	8.0/4.8	7.7/6.3	7.7/7.6	7.9/7.7	7.8/7.8	8.0/7.7	7.8/7.8	7.7/8.0	7.7/8.1	8.2/--
SLC	-0.31	4.6/0.0	4.5/3.0	5.8/3.5	5.8/3.5	6.4/3.9	6.5/4.8	6.8/4.7	7.3/7.2	8.3/7.1	6.9/6.9	7.1/6.7	7.4/6.6	7.4/6.5	7.8/6.4	7.6/--
SSI	0.50	1.9/0.0	1.9/3.3	2.0/4.1	2.1/3.8	2.4/4.6	3.0/4.6	3.2/5.5	3.6/11.6	4.5/11.8	5.6/12.1	5.9/12.3	6.2/12.5	6.0/12.6	6.7/12.9	8.2/--
STL	0.07	3.8/0.0	3.8/2.9	3.6/2.8	4.3/3.1	4.4/4.1	4.4/4.7	5.1/5.1	5.8/8.5	6.5/8.7	6.3/8.9	6.9/9.2	7.0/9.3	6.7/9.5	6.9/9.8	7.2/--
SYR	0.13	3.6/0.0	3.7/4.5	3.7/4.7	3.9/4.8	4.7/4.6	5.5/5.0	5.2/5.2	5.3/6.6	6.1/6.7	5.9/6.8	5.8/7.0	6.2/7.1	6.0/7.3	5.6/7.4	6.2/--
TLH	0.18	6.3/0.0	5.7/3.9	5.9/5.3	5.6/6.0	5.6/5.9	5.9/6.4	6.3/8.8	6.9/14.5	7.8/14.6	9.1/14.6	10.3/14.8	10.8/15.0	10.9/15.2	11.9/15.3	13.6/--
TPA	0.13	5.7/0.0	5.9/3.9	5.9/4.6	5.7/4.6	5.2/5.5	5.6/6.3	5.6/6.4	6.7/13.4	7.5/13.5	9.4/13.7	9.3/13.9	9.4/14.1	10.0/14.3	11.1/14.5	12.2/--
TRM	-0.12	3.7/0.0	4.5/2.8	5.2/3.0	5.6/3.4	5.7/3.8	5.8/5.1	6.1/5.7	6.0/7.8	6.4/7.6	6.7/7.6	6.3/7.6	6.4/7.7	6.7/7.7	6.8/7.6	6.8/--
TUL	0.24	2.4/0.0	2.8/3.7	3.2/4.2	3.8/4.4	4.4/5.8	4.9/7.2	5.4/8.0	5.8/8.5	6.7/8.5	6.8/8.6	6.9/8.8	6.9/9.1	7.2/9.2	6.7/9.3	6.8/--
TUS	0.16	2.4/0.0	2.3/4.0	2.4/3.8	2.5/3.9	2.2/3.8	2.7/3.9	3.0/4.5	3.4/5.1	4.3/5.1	5.5/5.0	5.2/5.0	5.5/4.8	5.6/4.7	5.8/4.7	6.0/--
TYR	0.26	1.9/0.0	2.0/3.0	2.2/3.3	2.4/3.5	3.0/4.4	3.5/5.2	4.3/5.8	5.3/8.0	5.9/8.0	6.3/8.1	7.2/8.3	7.2/8.5	7.2/8.6	7.2/8.6	7.4/--
TYS	0.23	3.0/0.0	3.2/3.2	3.1/2.9	2.9/2.9	3.7/3.6	3.7/3.9	4.0/4.6	4.8/9.6	4.9/9.7	5.7/9.8	6.6/10.0	6.5/10.2	6.4/10.4	6.4/10.6	6.7/--
VCT	-0.17	6.1/0.0	7.4/4.0	7.6/4.1	7.2/4.7	7.5/5.3	7.6/5.5	7.9/7.2	9.2/11.9	9.9/12.0	10.0/11.9	10.9/12.0	10.9/12.1	10.9/12.2	11.2/12.2	11.6/--
WJF	-0.26	6.2/0.0	6.1/3.7	6.2/4.0	6.8/3.5	7.2/3.8	7.2/4.3	7.0/4.4	6.8/9.1	7.5/9.0	8.0/8.9	7.9/8.8	7.9/8.8	8.0/8.7	7.9/8.6	7.8/--
YKM	-0.21	4.8/0.0	5.6/4.4	6.0/4.8	6.1/4.6	6.4/6.0	5.8/5.4	5.5/5.3	5.7/5.6	6.1/5.5	6.7/5.5	6.6/5.4	7.1/5.2	6.9/5.0	7.0/4.9	6.6/--
YNG	0.13	4.3/0.0	3.4/3.0	3.8/3.1	4.4/3.2	4.3/4.1	4.2/3.9	4.3/3.9	5.2/7.6	5.2/7.9	5.7/8.1	5.5/8.4	5.0/8.7	5.0/8.9	4.7/9.1	5.0/--
YQB	0.01	4.9/0.0	4.6/0.0	4.2/0.0	4.9/0.0	5.8/0.0	6.5/0.0	7.1/0.0	7.3/7.6	8.1/7.6	7.7/7.7	7.7/7.7	7.4/7.7	7.6/7.8	7.5/7.9	7.6/--
YUL	0.20	3.1/0.0	3.3/0.0	3.4/0.0	4.5/0.0	5.7/0.0	6.1/0.0	6.1/0.0	5.3/6.9	5.8/7.0	5.8/7.1	5.8/7.2	6.1/7.3	6.0/7.5	6.2/7.7	6.7/--
YVR	0.17	2.7/0.0	2.4/0.0	2.2/0.0	2.1/0.0	2.5/0.0	2.9/0.0	3.5/0.0	3.8/5.7	3.6/5.6	3.8/5.6	4.5/5.6	4.9/5.6	5.9/5.6	6.2/5.6	6.3/--
YWG	0.08	4.7/0.0	5.3/0.0	5.1/0.0	8.1/0.0	7.1/0.0	7.4/0.0	7.1/0.0	7.7/9.3	9.4/9.3	8.4/9.4	8.6/9.5	8.1/9.6	9.6/9.7	10.0/9.9	9.8/--
YXD	0.06	10.0/0.0	10.2/0.0	10.7/0.0	11.1/0.0	11.4/0.0	10.8/0.0	10.0/0.0	9.9/9.3	10.0/9.5	9.6/9.7	9.4/9.9	8.8/10.1	8.9/10.4	8.7/10.6	8.9/--
YYC	0.18	4.3/0.0	4.3/0.0	0.0/0.0	4.4/0.0	4.4/0.0	5.1/0.0	4.3/0.0	5.5/8.2	6.1/8.2	6.5/8.3	7.0/8.4	7.2/8.5	8.0/8.6	8.1/8.7	8.3/--
YYZ	0.18	3.5/0.0	3.3/0.0	3.2/0.0	3.6/0.0	3.4/0.0	3.4/0.0	4.2/0.0	4.6/5.7	4.7/5.8	4.7/6.0	5.2/6.1	5.3/6.3	5.3/6.5	5.5/6.6	5.3/--

Bias (2010-12-01~2010-12-31)

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	-1.12	-0.8/0.0	-0.9/-1.3	-0.9/-0.5	-0.9/-0.2	-1.3/0.9	-1.6/1.7	-1.6/1.5	-1.8/4.7	-1.5/5.0	-1.5/5.3	-1.1/5.5	-1.0/5.8	-1.0/6.1	-0.4/6.4	-0.5/--
ABI	1.99	2.5/0.0	3.8/-2.4	4.1/-2.5	4.1/-1.8	3.6/-1.9	2.3/-0.9	2.0/-1.4	2.7/-0.7	1.8/-0.5	0.7/-0.2	0.1/0.0	0.2/0.3	0.5/0.5	0.9/0.8	0.4/--
ABQ	-1.59	-1.2/0.0	-1.0/-0.2	-1.1/0.1	-0.7/-0.7	-0.6/-0.4	-0.9/-0.8	-0.8/-1.5	-1.4/-6.1	-1.6/-5.9	-1.6/-5.7	-2.5/-5.5	-2.7/-5.2	-2.6/-5.0	-2.7/-4.8	-2.6/--
ABY	0.73	-0.2/0.0	-0.4/0.9	-0.2/1.8	-0.3/3.1	-0.1/3.6	0.0/4.6	0.3/5.6	0.6/8.6	0.9/8.8	1.7/9.0	1.3/9.2	1.0/9.4	0.8/9.6	1.9/9.8	3.7/--
ACT	-0.12	1.3/0.0	1.2/-2.5	0.5/-2.1	-0.8/-1.2	-1.1/-1.2	-1.1/-0.3	-1.7/-2.4	-1.3/-0.5	-0.6/-0.3	-0.3/-0.1	-0.3/0.2	0.3/0.5	0.3/0.7	0.6/1.0	1.3/--
ACY	-0.51	-0.5/0.0	-0.6/0.8	-0.7/1.3	-0.7/1.4	-0.7/2.3	-1.3/2.7	-1.0/3.2	-1.7/5.0	-1.3/5.3	-0.8/5.5	-0.4/5.8	-0.2/6.1	0.1/6.4	0.8/6.7	1.3/--
ALB	-1.63	-1.4/0.0	-1.7/1.0	-2.0/1.7	-2.6/1.8	-2.4/1.8	-2.2/2.5	-2.1/1.6	-1.6/3.6	-2.1/4.0	-2.2/4.4	-1.5/4.7	-1.1/5.1	-0.7/5.5	-0.5/5.8	-0.2/--
ALW	0.01	0.2/0.0	-0.4/-0.9	0.1/-1.9	0.1/-1.3	0.1/-1.2	0.8/-1.6	0.6/-1.4	1.1/0.4	0.2/0.6	-1.3/0.8	-0.6/1.0	-0.4/1.2	-0.4/1.5	-0.4/1.6	0.3/--
AOO	-1.08	-1.0/0.0	-1.4/-1.9	-2.2/-0.4	-1.9/-0.6	-2.3/0.5	-4.3/0.6	-3.9/1.1	-3.2/6.4	-1.4/6.6	-0.4/6.9	0.1/7.2	0.2/7.5	0.6/7.9	1.9/8.2	2.8/--
APN	-4.47	-1.0/0.0	-1.4/-2.1	-2.4/-2.6	-3.2/-3.1	-4.2/-2.6	-6.1/-2.2	-6.6/-1.8	-6.7/0.9	-6.1/1.2	-6.3/1.5	-4.9/1.9	-4.8/2.2	-4.3/2.5	-4.6/2.9	-4.3/--
ATL	1.33	-0.1/0.0	-0.2/0.3	-0.1/1.0	-0.0/2.4	0.2/3.5	0.3/3.5	0.9/3.8	1.6/8.8	2.1/9.0	2.0/9.2	1.7/9.5	1.9/9.7	2.2/9.9	3.3/10.2	4.4/--
AUG	-1.09	-1.3/0.0	-1.4/0.7	-1.5/0.8	-1.2/1.6	-1.7/1.3	-1.1/1.0	-1.0/0.9	-0.8/0.1	-0.8/0.5	-0.8/1.0	-1.1/1.4	-1.1/1.8	-0.8/2.3	-0.8/2.7	-1.0/--
AUS	0.59	-0.2/0.0	-0.0/1.5	0.5/1.8	0.4/2.1	0.2/1.7	0.5/2.1	0.3/0.9	1.2/7.2	0.1/7.4	-0.1/7.6	-0.4/7.9	0.1/8.1	1.5/8.4	1.9/8.6	2.8/--
AVP	0.13	-0.2/0.0	-0.5/0.5	-0.7/1.9	-1.0/1.9	-1.0/2.2	-2.1/2.8	-1.6/2.8	-0.5/6.6	-0.2/6.9	0.6/7.3	0.8/7.6	1.5/7.9	1.1/8.2	2.3/8.5	3.5/--
BDL	-0.34	-1.1/0.0	-0.9/0.5	-1.0/1.2	-1.3/1.8	-1.4/2.1	-1.4/2.2	-1.2/2.3	-0.9/4.5	-0.9/4.8	-0.8/5.1	-0.1/5.5	0.7/5.8	1.3/6.2	2.0/6.5	1.9/--
BFL	-1.82	-0.2/0.0	-0.4/-1.5	-0.7/-2.2	-0.9/-2.5	-1.4/-2.8	-1.6/-1.9	-1.8/-2.4	-2.2/-5.7	-2.8/-5.5	-2.1/-5.4	-2.6/-5.2	-2.5/-5.1	-2.6/-4.9	-2.6/-4.7	-2.7/--
BGM	-0.84	0.1/0.0	0.2/0.6	-0.6/1.6	-0.8/1.5	-1.2/1.5	-1.5/2.1	-1.0/2.5	-1.2/5.3	-1.4/5.6	-1.5/6.0	-1.4/6.3	-1.1/6.6	-0.8/7.0	-0.4/7.3	0.0/--
BHM	-0.25	-0.5/0.0	-0.8/-1.3	-0.5/-0.3	-0.6/0.9	-0.7/2.0	-0.4/2.5	-0.1/2.8	0.0/6.4	0.1/6.5	-0.6/6.7	-1.0/6.9	-1.3/7.2	-0.3/7.4	0.8/7.6	2.0/--
BIS	-5.88	-0.9/0.0	-0.7/-4.9	-1.4/-6.2	-2.1/-4.8	-3.3/-3.2	-5.0/-1.9	-4.9/-2.0	-5.8/-0.6	-7.0/-0.2	-9.2/0.2	-9.6/0.6	-10.1/1.0	-9.8/1.4	-9.6/1.9	-8.9/--
BNA	-1.13	-0.5/0.0	-1.3/-0.4	-1.2/-0.2	-1.7/0.4	-1.7/1.3	-1.2/2.2	-1.2/2.2	-0.9/6.6	-1.1/6.8	-1.9/7.1	-1.8/7.4	-2.1/7.6	-1.1/7.9	-0.0/8.2	0.9/--
BOI	-4.49	-1.5/0.0	-2.7/-0.3	-3.2/-0.8	-3.4/-0.4	-3.7/-0.8	-4.5/-1.3	-3.8/-1.0	-4.0/-3.3	-5.1/-3.0	-6.7/-2.8	-5.4/-2.5	-5.9/-2.3	-5.6/-2.0	-6.1/-1.7	-5.8/--
BOS	1.41	1.1/0.0	1.0/1.2	1.1/2.5	1.4/2.1	1.5/2.0	1.4/0.9	1.1/1.0	1.5/3.7	1.3/4.0	0.2/4.4	0.8/4.7	1.6/5.0	2.1/5.4	2.5/5.7	2.6/--
BRO	4.24	5.5/0.0	6.1/-1.2	6.4/-0.4	4.6/-0.3	3.2/-1.0	2.5/-0.5	2.7/-0.7	4.4/-1.1	4.8/-0.9	4.3/-0.7	4.0/-0.5	3.7/-0.3	3.8/-0.0	3.5/0.2	4.0/--
BTV	-1.38	-0.5/0.0	-0.7/0.7	-1.2/0.6	-1.6/2.3	-1.7/1.9	-1.6/2.0	-1.5/1.9	-1.4/2.8	-1.8/3.3	-2.1/3.7	-1.9/4.2	-1.5/4.6	-1.3/5.1	-1.0/5.5	-0.9/--
BUF	-2.22	-2.4/0.0	-2.5/0.0	-3.3/0.9	-3.3/0.6	-3.5/0.1	-3.5/1.1	-3.0/1.6	-3.0/4.3	-3.0/4.6	-2.7/4.9	-1.5/5.3	-1.1/5.6	-0.8/5.9	-0.1/6.3	0.3/--
BUR	-1.56	0.0/0.0	-0.0/-1.6	-0.0/-1.8	0.1/-1.9	-0.1/-1.2	-0.2/-1.5	-0.6/-1.0	-0.9/-5.4	-1.5/-5.3	-2.4/-5.2	-2.5/-5.1	-3.3/-5.0	-3.6/-4.9	-4.0/-4.7	-4.3/--
BWI	-1.03	-0.6/0.0	-0.7/-2.9	-1.0/-1.8	-1.2/-1.7	-1.5/-0.3	-2.0/0.5	-1.7/1.1	-1.9/4.0	-1.9/4.3	-1.9/4.5	-0.8/4.7	-0.6/5.0	-0.6/5.2	0.3/5.5	0.6/--
CAE	-0.27	-0.3/0.0	-0.9/-1.3	-1.2/-0.3	-1.2/0.6	-1.2/1.2	-1.4/2.4	-1.5/4.5	-1.0/9.5	-0.4/9.7	-0.1/9.9	0.2/10.1	0.1/10.4	0.5/10.6	1.5/10.8	3.0/--
CHA	-0.39	-0.6/0.0	-1.1/-0.5	-0.9/-0.5	-1.0/0.3	-1.2/1.4	-0.8/1.7	-0.4/2.1	-0.0/6.5	-0.0/6.7	-0.4/6.9	-0.8/7.1	-0.8/7.3	-0.2/7.5	0.5/7.8	2.1/--
CLE	-3.04	-0.8/0.0	-1.2/-0.1	-1.9/0.0	-2.9/-0.2	-3.6/0.0	-3.9/0.8	-4.1/1.6	-4.4/5.2	-4.4/5.5	-4.1/5.9	-3.3/6.2	-3.6/6.5	-3.0/6.9	-2.3/7.2	-2.0/--
CLT	0.16	-0.2/0.0	-0.5/0.5	-0.6/0.9	-0.8/2.3	-0.7/3.1	-0.8/3.2	-0.8/4.9	-0.2/12.3	0.6/12.5	0.3/12.7	0.3/12.9	0.3/13.1	0.5/13.3	1.9/13.5	3.0/--
CMH	-3.46	-0.8/0.0	-1.2/-0.1	-2.0/0.1	-3.0/0.4	-3.5/0.2	-3.6/0.8	-4.4/1.9	-4.8/6.7	-4.7/7.0	-5.0/7.3	-4.6/7.6	-4.6/7.9	-3.8/8.2	-3.1/8.5	-2.8/--
CON	-2.98	-2.2/0.0	-2.8/-1.6	-3.0/-0.9	-3.7/-0.6	-3.9/-0.5	-4.1/-0.2	-3.3/0.0	-2.9/1.3	-3.2/1.7	-3.3/2.1	-3.1/2.5	-2.6/2.9	-1.9/3.3	-2.2/3.7	-2.5/--
COS	-1.12	-0.2/0.0	-0.2/0.6	-0.2/-0.6	0.2/-0.6	-0.3/-0.6	0.6/-1.1	0.5/-3.0	-0.5/-5.6	-1.3/-5.5	-2.3/-5.3	-2.7/-5.1	-2.5/-4.9	-2.4/-4.7	-3.0/-4.5	-2.6/--
COU	1.12	-1.1/0.0	-0.4/0.2	0.5/1.5	0.8/1.1	-0.2/2.0	-1.1/2.8	-0.5/2.3	0.6/4.4	1.6/4.7	1.9/5.1	2.4/5.4	2.3/5.7	2.7/6.1	3.2/6.4	3.8/--
CQT	0.55	1.2/0.0	0.4/0.1	0.6/-0.7	0.7/0.0	1.7/-0.6	1.7/0.1	1.9/0.5	0.2/-1.4	0.2/-1.3	-0.0/-1.2	-0.1/-1.1	-0.3/-0.9	0.1/-0.8	0.1/-0.7	-0.2/--
CRP	5.05	5.1/0.0	6.4/2.1	6.8/2.2	6.6/1.9	5.6/1.9	5.1/2.1	4.6/1.7	6.1/1.8	6.5/2.0	5.0/2.2	4.0/2.5	3.1/2.7	3.3/2.9	3.5/3.2	4.2/--
CRW	-1.17	-3.7/0.0	-4.3/-1.6	-4.6/-0.7	-4.5/-0.9	-4.6/-0.1	-5.4/0.0	-4.8/1.8	-3.1/6.5	-1.3/6.7	0.1/6.9	1.4/7.2	2.3/7.4	3.5/7.6	5.1/7.9	6.4/--
CVG	-4.15	-2.1/0.0	-3.3/-0.2	-3.7/0.0	-4.8/0.4	-4.0/0.3	-3.9/1.2	-4.7/2.5	-5.7/8.4	-5.7/8.7	-6.1/9.0	-5.2/9.3	-5.0/9.6	-3.4/9.9	-2.6/10.3	-2.1/--
DAY	-3.84	-1.4/0.0	-2.1/-1.0	-2.6/-0.9	-3.6/-0.6	-4.0/-1.3	-3.8/-0.5	-4.8/0.9	-5.2/7.2	-5.5/7.5	-5.6/7.8	-5.1/8.2	-4.9/8.5	-3.6/8.8	-3.1/9.2	-2.4/--
DBQ	-0.46	0.2/0.0	-0.5/1.4	-0.2/1.2	-1.4/0.3	-2.3/1.1	-3.0/1.0	-1.4/0.0	-0.5/5.9	-0.6/6.3	-0.2/6.7	-0.4/7.1	-0.2/7.5	0.5/8.0	1.0/8.3	2.1/--
DCA	-0.19	-0.4/0.0	-0.4/-1.9	-0.7/-1.8	-0.8/-1.5	-1.0/0.2	-1.3/0.7	-1.1/1.0	-1.0/5.3	-1.0/5.5	-0.7/5.8	0.4/6.0	0.7/6.3	0.8/6.5	1.7/6.8	2.0/--
DEC	-3.76	-1.4/0.0	-1.9/-0.9	-2.2/-0.8	-2.7/-0.8	-3.0/-0.7	-3.4/0.4	-4.2/-0.1	-4.6/5.1	-4.9/5.5	-5.8/5.8	-5.6/6.2	-5.0/6.5	-4.4/6.9	-4.3/7.3	-3.0/--
DEN	-0.88	2.4/0.0	2.0/3.2	1.8/3.5	1.3/3.3	0.8/3.6	0.7/2.5	0.4/1.5	-0.1/-2.8	-1.0/-2.6	-2.9/-2.4	-3.8/-2.2	-3.8/-2.0	-4.1/-1.8	-3.9/-1.6	-2.9/--
DFW	-0.56	-0.2/0.0	-0.0/-1.3	0.1/-0.5	0.0/0.4	0.2/0.7	0.6/0.9	0.3/-0.1	-0.1/-0.3	-1.1/-0.0	-1.4/0.2	-2.5/0.5	-1.6/0.7	-1.0/1.0	-1.3/1.2	-0.3/--
DLH	-9.00	-5.5/0.0	-6.7/-5.2	-8.1/-4.4	-9.4/-4.4	-11.0/-4.4	-11.7/-3.2	-11.9/-2.2	-9.6/-3.6	-10.1/-3.1	-8.9/-2.6	-8.1/-2.3	-8.7/-1.7	-9.0/-1.3	-8.8/-0.8	-7.5/--
DSM	-2.90	-2.2/0.0	-2.4/-2.1	-2.3/-0.9	-3.2/-1.7	-2.4/-0.7	-2.9/-0.3	-3.4/-0.6	-3.5/3.5	-3.7/3.9	-4.1/4.3	-3.7/4.7	-3.0/5.1	-3.0/5.5	-2.4/5.9	-1.4/--
DTW	-2.81	-1.3/0.0	-1.5/0.0	-2.2/-0.3	-3.1/0.0	-3.6/-0.0	-3.7/0.1	-3.8/1.4	-3.6/5.1	-3.3/5.4	-3.6/5.7	-3.3/6.1	-3.3/6.4	-2.3/6.7	-2.1/7.1	-1.6/--
ELP	-1.03	-0.9/0.0	-0.8/-1.8	-0.6/-2.0	-0.9/-2.1	-1.0/-1.8	-1.0/-2.0	-0.6/-2.6	-1.2/-2.5	-1.4/-2.3	-0.9/-2.2	-1.4/-2.0	-1.1/-1.8	-1.3/-1.7	-1.2/-1.5	-1.2/--
ERI	-2.61	-2.0/0.0	-2.2/-1.0	-2.6/-0.5	-3.0/-0.9	-3.6/-0.8	-3.6/0.7	-3.5/1.6	-3.1/5.0	-2.9/5.3	-3.3/5.6	-2.3/5.9	-2.2/6.2	-2.0/6.5	-1.5/6.8	-1.3/--
EUG	-5.73	-3.8/0.0	-4.3/-1.9	-5.3/-1.7	-5.4/-1.9	-4.4/-2.8	-4.5/-3.1	-5.1/-3.4	-5.3/-4.1	-6.7/-4.0	-6.8/-3.9	-7.2/-3.7	-7.4/-3.6	-6.8/-3.5	-6.6/-3.4	-6.3/--
EVV	0.50	-0.9/0.0	-1.2/-0.5	-0.3/-0.5	-0.3/0.0	-1.0/0.4	-2.3/1.3	-1.3/1.4	-0.6/5.7	0.1/6.0	0.7/6.3	1.5/6.6	2.0/6.9	3.1/7.2	3.6/7.5	4.4/--
EWR	0.39	-0.5/0.0	-0.2/0.5	-0.2/1.3	-0.5/1.4	-0.6/1.8	-0.8/2.1	-0.5/1.8	-0.5/5.5	-0.6/5.8	0.1/6.1	0.8/6.4	1.7/6.7	2.0/7.0	2.7/7.3	2.9/--
FAR	-6.48	-1.3/0.0	-1.8/-4.1	-3.3/-3.5	-4.4/-3.5	-5.8/-4.0	-6.3/-4.2	-7.4/-3.8	-7.6/-2.1	-8.2/-1.7	-8.8/-1.2	-8.7/-0.8	-8.4/-0.3	-8.8/0.1	-8.6/0.6	-7.8/--
FAT	-1.00	0.4/0.0	0.3/-2.9	-0.1/-3.5	-0.2/-3.3	-0.6/-3.8	-0.6/-3.4	-0.7/-3.8	-1.2/-6.9	-1.8/-6.8	-1.9/-6.7	-1.8/-6.5	-1.5/-6.4	-1.6/-6.2	-1.7/-6.0	-1.9/--
FLG	-6.43	-5.4/0.0	-6.2/-3.7	-6.8/-3.7	-6.1/-5.0	-5.4/-4.1	-6.1/-4.1	-6.5/-3.8	-7.2/-7.5	-7.5/-7.3	-7.3/-7.2	-7.4/-7.0	-7.0/-6.8	-6.3/-6.7	-5.9/-6.5	-5.4/--
FMY	2.63	0.4/0.0	0.7/0.8	0.7/2.6	1.1/3.2	1.4/4.5	1.7/5.4	1.5/5.1	1.6/12.4	2.0/12.5	3.9/12.7	4.2/12.9	4.4/13.1	4.4/13.3	5.0/13.5	6.2/--
FSD	-4.90	-0.8/0.0	-1.2/-1.9	-1.8/-1.8	-1.9/-2.8	-3.7/-2.2	-3.2/-1.9	-4.3/-2.7	-5.3/-0.9	-6.6/-0.5	-8.2/-0.1	-8.4/0.3	-8.1/0.8	-7.8/1.2	-6.6/1.6	-5.6/--
FWA	-3.07	-1.2/0.0	-1.5/0.5	-1.7/0.4	-2.9/0.1	-3.3/-0.6	-3.6/-0.1	-3.8/0.9	-3.9/7.6	-3.9/7.9	-4.9/8.3	-4.6/8.6	-4.1/8.9	-2.8/9.3	-2.3/9.6	-1.6/--

GAD	-1.04	-0.4/0.0	-0.6/-1.6	-0.4/-1.8	-0.7/0.6	-1.3/1.2	-1.2/1.9	-1.1/1.7	-1.1/7.6	-1.6/7.8	-1.8/8.0	-2.2/8.3	-2.5/8.5	-1.4/8.8	-0.5/9.0	1.2/--
GEG	-3.48	-0.1/0.0	-1.2/-1.4	-1.7/-2.3	-2.4/-1.9	-2.8/-2.3	-2.8/-2.4	-1.9/-2.1	-1.5/-2.8	-2.7/-2.6	-4.8/-2.4	-5.5/-2.2	-6.0/-2.0	-6.3/-1.8	-6.5/-1.5	-5.8/--
GTF	*****	-12.5/0.0	-11.5/1.5	-12.3/0.5	-12.0/1.2	-12.3/1.2	-12.4/1.4	-12.2/1.7	-12.7/-3.4	-12.3/-3.1	-12.2/-2.8	-12.3/-2.6	-11.8/-2.4	-11.5/-2.1	-10.9/-1.8	-8.8/--
HOU	-1.02	-1.5/0.0	-1.5/0.2	-1.4/0.6	-1.2/1.4	-1.1/0.7	-2.0/0.5	-1.6/-0.8	-1.3/0.3	-2.3/0.5	-1.5/0.6	-1.3/0.8	-0.9/1.0	0.2/1.2	0.7/1.5	1.3/--
HSV	-1.23	-0.9/0.0	-1.4/-2.7	-1.3/-2.8	-1.3/-1.6	-1.5/-0.4	-1.2/0.5	-0.8/1.1	-0.7/5.4	-0.6/5.6	-1.7/5.9	-2.3/6.1	-2.5/6.3	-1.7/6.5	-0.9/6.7	0.2/--
IAH	-0.81	-0.5/0.0	-0.4/0.6	-0.0/0.5	-0.2/1.2	-0.4/0.9	-0.9/1.0	-1.3/-0.3	-1.3/-0.8	-1.2/-0.6	-1.0/-0.4	-1.7/-0.2	-2.2/0.0	-1.2/0.3	-0.6/0.5	0.7/--
ICT	-0.99	-0.2/0.0	-0.2/-2.3	-0.5/-1.9	-0.4/-0.8	-0.6/-0.4	-0.5/0.5	-0.6/-0.1	-1.1/2.1	-1.3/2.4	-2.1/2.6	-2.1/3.0	-1.2/3.3	-1.5/3.5	-1.4/3.9	-1.1/--
ILG	-0.57	-0.8/0.0	-0.8/-0.1	-1.0/0.3	-0.9/-0.1	-1.3/1.3	-1.7/1.6	-1.3/2.0	-1.3/5.6	-1.1/5.9	-1.1/6.2	-0.2/6.5	0.2/6.7	0.2/7.0	1.1/7.3	1.3/--
IND	-1.49	-0.9/0.0	-0.9/0.2	-0.7/-0.1	-1.3/0.0	-2.2/-0.4	-2.1/0.9	-2.9/0.9	-2.9/7.2	-2.5/7.5	-2.6/7.8	-1.9/8.2	-1.7/8.5	-0.6/8.8	-0.0/9.2	0.7/--
IPT	-1.06	-0.5/0.0	-0.1/-1.8	-0.4/-0.4	-0.4/-0.7	-1.2/0.4	-1.8/1.2	-1.5/1.4	-1.1/4.5	-1.3/4.8	-0.9/5.1	-1.9/5.4	-2.1/5.7	-1.8/6.1	-1.1/6.4	0.1/--
JAN	0.07	-0.0/0.0	-0.2/-0.3	0.1/0.4	0.7/1.2	1.3/2.2	1.1/2.8	1.0/2.7	0.6/4.8	-0.1/5.0	-0.4/5.2	-1.2/5.4	-2.0/5.5	-1.2/5.7	-0.2/5.9	1.3/--
JAX	1.63	0.1/0.0	0.6/2.3	0.2/3.7	-0.0/4.0	0.4/4.9	0.5/5.5	0.5/5.9	0.8/13.6	1.6/13.8	2.6/14.0	3.2/14.2	2.9/14.4	2.6/14.6	3.4/14.9	5.0/--
JFK	4.04	3.1/0.0	3.1/0.9	2.6/1.4	2.7/1.4	2.9/1.5	2.5/2.4	3.0/2.7	3.7/5.4	3.9/5.7	4.5/6.0	5.6/6.3	5.8/6.6	5.3/7.0	5.3/7.3	6.7/--
LAN	-3.01	-1.5/0.0	-1.4/0.4	-2.3/0.0	-3.3/-0.1	-3.7/-0.4	-4.4/0.3	-4.4/1.0	-4.1/3.0	-3.8/3.4	-3.9/3.7	-3.2/4.0	-3.2/4.4	-2.1/4.7	-2.0/5.1	-1.8/--
LAS	0.96	4.3/0.0	3.6/-1.3	3.6/-1.4	3.3/-1.2	3.3/-0.4	3.3/-0.9	2.9/-2.0	2.3/-6.1	1.6/-5.9	-1.2/-5.7	-1.8/-5.5	-2.4/-5.3	-2.6/-5.1	-2.9/-4.9	-2.8/--
LAX	-1.27	-0.4/0.0	-0.5/-0.8	-0.7/-1.2	-0.7/-1.5	-0.8/-1.5	-0.8/-1.1	-0.8/-0.8	-1.0/-2.4	-1.3/-2.3	-1.5/-2.2	-1.6/-2.0	-1.9/-1.9	-2.2/-1.8	-2.4/-1.6	-2.5/--
LEX	0.18	-0.8/0.0	-1.1/-0.6	-1.7/0.1	-1.7/0.8	-2.2/1.3	-3.8/1.9	-3.1/2.1	-1.6/8.8	-0.8/9.1	0.4/9.3	1.2/9.6	2.4/9.9	4.0/10.2	5.2/10.5	6.1/--
LFK	2.16	2.6/0.0	2.4/0.6	1.9/0.6	1.7/1.5	1.7/1.1	1.6/1.2	1.8/-0.4	2.9/0.6	3.4/0.8	2.7/1.0	1.8/1.2	1.2/1.4	1.6/1.6	2.0/1.9	3.2/--
LGA	1.33	0.0/0.0	0.3/-0.2	0.4/0.5	0.4/0.5	0.3/0.7	0.1/0.8	0.3/1.7	0.6/3.8	0.7/4.1	1.3/4.5	2.1/4.8	2.9/5.1	3.1/5.4	3.6/5.7	3.9/--
LGB	-1.10	-0.2/0.0	-0.1/0.2	0.0/0.0	0.1/-0.2	0.1/0.1	0.0/-0.1	-0.2/0.5	-0.9/-2.2	-1.1/-2.1	-1.7/-2.0	-2.2/-1.9	-2.2/-1.8	-2.5/-1.6	-2.8/-1.5	-2.9/--
LIT	-1.63	-0.6/0.0	-0.7/0.1	-1.5/0.3	-1.6/0.5	-1.3/1.6	-1.4/2.2	-1.4/1.4	-1.8/3.9	-2.2/4.2	-2.7/4.4	-3.0/4.6	-2.6/4.9	-1.9/5.1	-1.1/5.4	-0.6/--
LNS	-0.58	-0.4/0.0	-0.5/-1.8	-0.3/-0.9	-0.4/-1.1	-0.8/0.2	-1.0/1.5	-1.0/1.3	-0.9/-0.6	-0.9/-0.3	-1.0/0.1	-0.7/0.4	-0.5/0.8	-0.7/1.1	0.1/1.5	0.2/--
MAF	6.21	6.7/0.0	8.2/-0.8	8.4/-0.2	8.5/-0.8	8.1/0.1	7.3/0.5	7.4/0.4	7.0/1.5	6.9/1.6	5.2/1.8	4.3/2.1	3.7/2.3	3.7/2.5	3.6/2.7	4.0/--
MBA	-1.41	-1.4/0.0	-1.7/0.3	-1.8/1.5	-2.2/1.8	-2.5/1.3	-2.5/0.6	-2.6/1.6	-2.0/3.6	-1.9/4.0	-1.8/4.3	-1.5/4.6	-0.6/4.9	0.2/5.3	0.5/5.6	0.4/--
MCI	-1.60	-1.0/0.0	-0.9/-0.2	-0.9/0.4	-1.1/0.1	-1.1/1.5	-1.5/2.0	-1.8/1.8	-2.1/4.5	-2.3/4.8	-2.9/5.2	-2.6/5.5	-1.9/5.9	-1.8/6.2	-1.5/6.6	-0.6/--
MCN	-0.69	-0.8/0.0	-1.1/0.6	-1.0/0.7	-0.9/1.7	-1.3/3.1	-1.3/3.9	-1.4/4.5	-1.0/9.1	-1.0/9.3	-0.7/9.5	-0.7/9.6	-0.7/9.8	-0.8/10.1	0.3/10.3	2.1/--
MCO	3.13	0.6/0.0	0.9/2.3	0.9/3.7	1.1/4.2	1.4/5.7	1.6/6.0	2.0/6.8	2.6/14.8	2.7/15.0	4.7/15.2	5.3/15.4	5.2/15.5	5.1/15.7	5.8/15.9	7.1/--
MDT	1.88	1.3/0.0	0.9/-2.5	0.3/-1.5	0.6/-1.3	1.0/-0.3	-0.3/0.5	0.0/0.3	0.8/5.3	1.6/5.5	2.5/5.8	3.1/6.1	3.6/6.4	3.3/6.6	4.1/6.9	5.3/--
MEM	-0.43	-0.1/0.0	-0.2/-0.3	-0.0/-0.2	0.0/0.5	0.2/0.8	0.2/1.8	0.2/1.8	-0.8/4.1	-1.1/4.4	-1.3/4.6	-1.6/4.9	-2.0/5.1	-1.0/5.4	-0.0/5.7	1.1/--
MHT	-1.17	-1.6/0.0	-1.7/-0.9	-1.5/0.2	-1.9/0.1	-2.1/-0.1	-2.1/0.6	-2.2/0.6	-1.7/-6.9	-1.6/-6.5	-1.4/-6.1	-1.1/-5.7	-0.3/-5.4	0.5/-5.0	0.6/-4.6	0.7/--
MIA	3.63	0.8/0.0	1.2/1.8	1.3/2.9	1.9/3.6	2.2/4.2	2.4/5.3	2.2/6.2	2.4/11.8	3.1/11.9	4.9/12.1	5.9/12.3	5.8/12.5	6.2/12.6	6.5/12.8	7.7/--
MKE	-3.48	-1.5/0.0	-2.6/-0.0	-2.7/-1.0	-3.9/-0.8	-4.3/-1.3	-4.4/-0.9	-4.3/-0.8	-4.0/3.0	-3.6/3.4	-3.8/3.7	-4.3/4.1	-3.8/4.5	-3.5/4.9	-3.4/5.3	-2.2/--
MOB	3.16	1.4/0.0	1.6/0.2	2.0/1.3	2.1/2.5	2.0/3.5	1.7/3.7	1.4/3.9	1.7/6.7	2.2/6.9	3.4/7.1	4.3/7.3	4.8/7.5	5.4/7.7	6.1/7.9	7.2/--
MSP	-3.53	-0.6/0.0	-0.9/-3.5	-1.3/-3.2	-2.7/-3.3	-2.6/-2.8	-3.2/-1.8	-3.8/-0.1	-4.2/1.7	-4.8/2.1	-5.5/2.5	-5.1/3.0	-4.7/3.4	-5.1/3.9	-4.7/4.3	-3.7/--
MSY	2.01	0.7/0.0	0.7/-0.1	0.9/1.0	1.4/2.0	2.0/3.2	2.2/3.1	2.1/3.3	2.2/4.9	2.4/5.1	3.0/5.3	2.2/5.5	1.2/5.7	1.8/5.9	2.7/6.1	4.7/--
MWL	1.77	1.8/0.0	2.7/-2.7	2.6/-2.0	1.7/-0.8	1.0/-1.0	0.6/-0.2	0.7/-1.7	0.7/3.0	1.6/3.3	1.8/3.5	1.9/3.8	2.0/4.1	2.1/4.3	2.3/4.6	2.9/--
NKX	-1.24	-0.2/0.0	-0.4/0.9	-0.4/0.4	-0.4/0.9	-0.3/1.2	-0.6/0.6	-0.4/-0.3	-1.2/0.0	-1.5/0.0	-1.6/0.0	-2.0/0.0	-2.2/0.0	-2.2/0.0	-2.5/0.0	-2.6/--
NTU	0.04	-0.5/0.0	-0.7/1.1	-1.1/2.2	-1.3/2.3	-1.2/2.8	-1.5/4.2	-1.0/5.2	-1.2/11.8	-0.6/12.1	-0.2/12.3	0.8/12.5	1.4/12.8	1.6/13.0	2.6/13.3	3.5/--
OAK	-1.00	-0.4/0.0	-0.6/-0.6	-1.0/-1.1	-1.1/-0.8	-1.2/-1.0	-1.1/-1.2	-0.7/-1.5	-0.8/-0.5	-1.8/-0.4	-1.8/-0.3	-1.0/-0.2	-0.8/-0.0	-1.0/0.1	-0.9/0.3	-1.2/--
OKC	-1.65	-0.6/0.0	-0.4/-2.1	-0.4/-1.4	-0.6/-0.6	-0.8/-0.6	-0.7/-0.0	-0.6/0.2	-1.7/1.1	-2.3/1.4	-3.7/1.6	-3.6/1.9	-2.6/2.2	-2.4/2.5	-2.4/2.7	-1.9/--
OMA	-1.01	-0.3/0.0	0.0/-3.5	0.1/-2.4	-0.2/-2.2	-0.1/-0.7	-0.7/-1.1	-1.1/-1.4	-1.3/2.7	-1.4/3.0	-2.2/3.4	-2.1/3.8	-1.8/4.1	-2.0/4.5	-1.4/4.9	-0.7/--
ORD	-1.33	-0.7/0.0	-0.9/1.6	-0.9/1.3	-1.6/1.0	-1.9/0.4	-2.4/1.2	-2.6/0.9	-2.7/6.7	-2.1/7.0	-1.9/7.4	-1.9/7.8	-1.1/8.1	-0.3/8.5	-0.1/8.9	1.1/--
ORH	-1.25	-1.1/0.0	-1.2/1.0	-1.1/1.5	-1.8/2.3	-1.9/2.2	-2.0/2.1	-1.6/1.9	-1.7/3.7	-1.9/4.0	-1.6/4.4	-1.3/4.7	-0.8/5.1	-0.4/5.4	-0.3/5.8	-0.1/--
PDT	-3.85	0.5/0.0	-0.7/-0.7	-1.2/-1.6	-1.4/-0.8	-2.0/-1.3	-2.3/-1.1	-2.9/-1.2	-2.9/0.8	-4.5/1.0	-7.4/1.1	-6.7/1.3	-6.7/1.5	-6.4/1.7	-6.7/1.9	-6.5/--
PDX	0.98	5.0/0.0	1.9/-2.4	1.9/-2.4	1.7/-1.9	1.2/-2.5	0.7/-2.4	0.1/-2.6	-0.3/-2.5	-0.8/-2.3	0.3/-2.2	0.3/-2.0	0.4/-1.8	0.5/-1.7	1.3/-1.5	0.5/--
PHL	0.88	-0.1/0.0	-0.0/-0.6	0.1/0.2	0.1/-0.2	-0.0/1.1	-0.3/1.7	0.1/2.0	0.3/6.2	0.7/6.5	1.0/6.8	1.6/7.1	2.0/7.4	2.0/7.7	2.8/8.0	2.9/--
PHX	-1.41	0.3/0.0	0.7/-1.2	0.5/-1.7	0.6/-1.3	0.5/-1.3	-0.0/-1.5	-0.1/-1.6	-0.6/-4.5	-1.3/-4.4	-2.2/-4.2	-3.2/-4.1	-3.7/-3.9	-3.9/-3.7	-4.2/-3.5	-4.5/--
PIR	-1.47	-0.3/0.0	-0.1/-3.0	0.6/-1.9	0.2/-1.7	-0.2/-1.5	-0.3/-0.9	0.1/-0.6	-0.7/3.2	-1.2/3.5	-3.7/3.9	-3.6/4.2	-3.4/4.5	-3.5/4.9	-3.3/5.2	-2.5/--
PIT	-3.07	-0.7/0.0	-1.1/-0.4	-1.6/0.3	-2.5/0.1	-3.5/0.6	-3.9/1.3	-4.2/2.3	-3.9/7.0	-4.1/7.3	-4.6/7.6	-3.7/7.9	-3.8/8.2	-3.6/8.5	-2.5/8.8	-2.3/--
PVD	0.47	-0.8/0.0	-0.8/1.3	-0.9/2.1	-1.1/2.5	-1.1/2.1	-1.0/1.5	-0.7/2.4	-0.5/4.0	-0.4/4.3	0.5/4.6	1.3/4.9	2.3/5.3	3.0/5.6	3.6/5.9	3.7/--
PWM	-2.19	-1.9/0.0	-2.4/0.6	-2.1/0.4	-2.7/0.9	-3.1/0.8	-3.2/0.4	-3.2/0.6	-2.5/-0.3	-2.5/0.0	-2.6/0.4	-2.4/0.8	-1.7/1.1	-0.9/1.5	-0.8/1.9	-0.9/--
RAL	-2.71	-1.3/0.0	-0.7/5.5	-0.3/4.1	-0.5/5.0	-0.5/4.8	-1.2/4.5	-1.8/4.7	-2.7/2.0	-3.3/2.1	-3.9/2.2	-5.5/2.3	-5.8/2.5	-5.1/2.6	-4.4/2.7	-3.9/--
RAP	-7.30	-4.9/0.0	-4.5/-1.1	-4.9/-0.8	-5.6/-1.1	-6.9/-1.1	-6.7/-0.1	-7.0/-0.5	-7.3/0.4	-7.8/0.6	-9.8/0.9	-8.9/1.2	-8.3/1.4	-7.7/1.7	-10.2/2.0	-8.7/--
RBL	2.60	6.1/0.0	4.4/-2.4	4.0/-3.0	4.0/-3.8	4.2/-4.0	3.9/-4.4	3.7/-4.6	2.1/-4.6	0.6/-4.5	0.2/-4.3	1.8/-4.2	1.7/-4.0	1.1/-3.9	0.4/-3.7	0.7/--
RDD	-3.28	-4.1/0.0	-3.8/-5.0	-3.7/-6.7	-3.9/-5.8	-3.5/-6.0	-3.3/-6.5	-3.2/-3.8	-3.1/-6.4	-3.4/-6.3	-3.0/-6.2	-2.7/-6.0	-2.6/-5.9	-2.8/-5.8	-3.1/-5.7	-2.9/--
RDU	-0.35	-0.3/0.0	-0.9/-1.4	-1.0/-0.4	-1.3/-0.1	-1.5/2.1	-1.7/2.3	-1.8/4.6	-1.3/8.1	-0.6/8.3	-0.5/8.5	0.2/8.7	0.4/8.9	0.6/9.2	1.7/9.4	2.7/--
RIC	-0.52	-0.5/0.0	-0.9/-1.2	-1.2/0.1	-1.5/-0.1	-1.8/2.0	-2.2/2.9	-1.9/4.0	-2.0/7.5	-1.3/7.7	-0.9/8.0	-0.1/8.2	0.6/8.4	0.8/8.7	2.1/8.9	2.8/--
RNO	-2.86	0.2/0.0	0.2/-1.0	-0.3/-1.4	-1.0/-0.2	-2.0/-0.7	-2.1/-1.2	-1.8/-1.4	-2.0/-8.4	-3.0/-8.2	-4.8/-8.0	-4.7/-7.9	-4.6/-7.7	-5.0/-7.5	-5.5/-7.3	-6.5/--

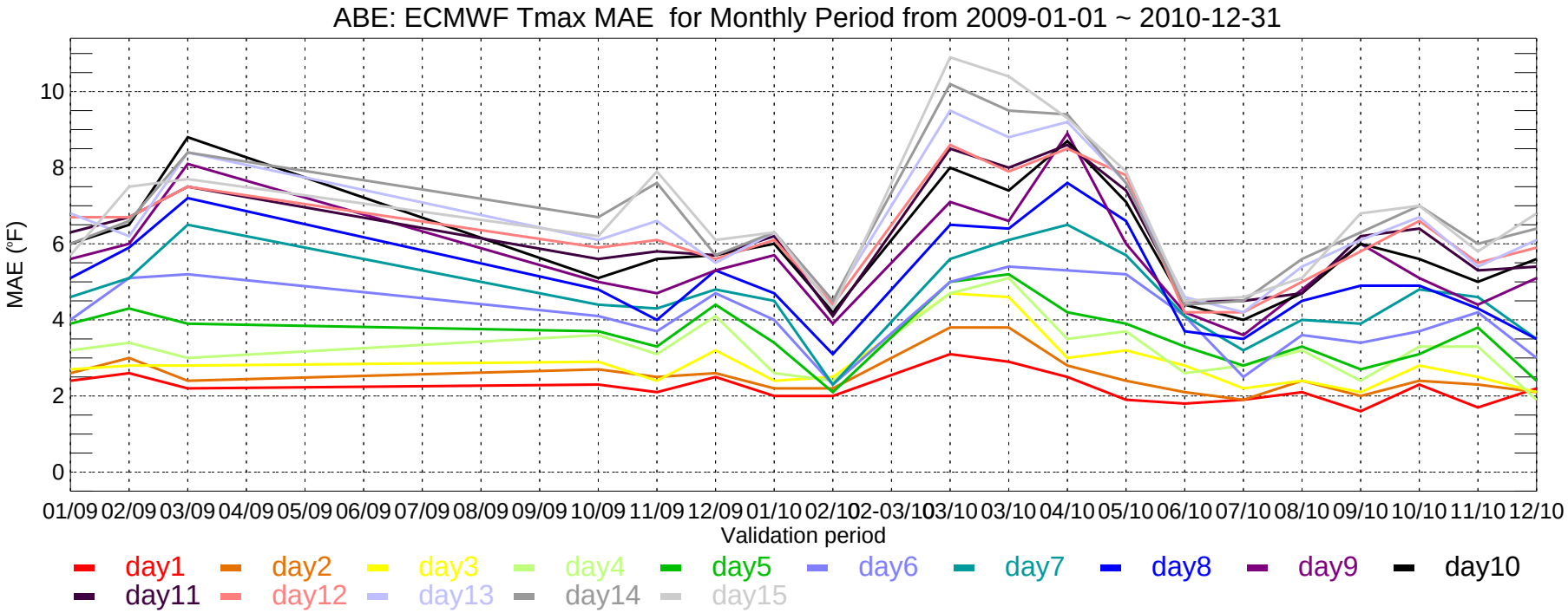
ROA	-1.69	-0.7/0.0	-1.4/-0.4	-1.5/0.5	-1.6/0.7	-2.1/2.9	-2.3/2.9	-1.9/4.2	-2.0/6.6	-2.2/6.9	-2.3/7.1	-2.2/7.3	-2.1/7.5	-1.9/7.8	-1.2/8.0	-0.2/--
ROC	-2.02	-0.2/0.0	-0.1/1.2	-0.6/2.0	-0.7/1.9	-1.7/1.2	-2.3/1.7	-2.7/2.3	-2.8/3.8	-3.2/4.1	-3.9/4.4	-3.0/4.7	-2.7/5.1	-2.7/5.4	-2.0/5.7	-1.7/--
SAC	-3.98	-3.9/0.0	-3.7/-3.5	-4.0/-3.6	-4.2/-3.0	-4.0/-3.2	-3.8/-3.8	-3.5/-3.3	-3.9/-5.9	-4.4/-5.7	-3.5/-5.6	-4.1/-5.5	-3.9/-5.3	-4.1/-5.2	-4.1/-5.0	-4.5/--
SAN	-7.49	-6.9/0.0	-7.2/0.1	-7.3/-0.9	-7.1/-0.6	-6.7/-0.2	-6.5/-0.7	-6.6/-0.8	-6.6/-2.7	-7.1/-2.6	-7.4/-2.5	-8.5/-2.3	-8.6/-2.2	-8.6/-2.0	-8.7/-1.9	-8.5/--
SAT	0.57	-0.1/0.0	0.2/1.4	0.7/1.9	0.5/2.1	0.5/2.0	0.8/3.2	0.6/1.5	1.2/0.8	0.6/1.0	0.0/1.3	-0.4/1.5	-0.1/1.7	0.9/1.9	1.0/2.2	1.9/--
SAV	0.05	-0.9/0.0	-1.3/1.0	-1.4/2.6	-1.5/3.2	-1.4/4.4	-1.3/4.9	-0.9/5.6	-0.1/10.3	0.2/10.5	0.4/10.7	1.1/10.9	1.1/11.1	1.1/11.4	2.0/11.6	3.6/--
SDF	1.63	0.5/0.0	-0.0/-0.6	0.4/-0.4	0.0/-0.2	-0.6/0.5	-2.2/1.2	-1.2/2.1	-0.1/7.2	0.9/7.5	2.2/7.8	3.0/8.1	3.8/8.5	5.2/8.7	6.0/9.1	6.8/--
SEA	-1.54	-0.0/0.0	-0.4/-2.8	-0.4/-3.1	-0.0/-2.6	-0.4/-2.5	-0.5/-2.7	-0.3/-3.0	-0.7/-2.0	-1.3/-1.9	-2.7/-1.8	-3.1/-1.6	-3.2/-1.5	-3.2/-1.5	-3.3/-1.4	-3.6/--
SFO	-0.69	-0.3/0.0	-0.4/-0.9	-0.6/-0.9	-0.6/-0.8	-0.5/-0.9	-0.5/-1.0	-0.5/-0.7	-0.7/-3.9	-1.3/-3.8	-1.1/-3.6	-1.0/-3.5	-0.6/-3.3	-0.8/-3.2	-0.7/-3.1	-0.9/--
SJC	-1.96	-0.8/0.0	-1.1/-1.8	-1.5/-2.3	-1.6/-1.9	-1.8/-2.4	-2.0/-2.3	-1.5/-2.5	-1.7/-5.4	-2.7/-5.3	-2.9/-5.2	-2.2/-5.0	-2.0/-4.9	-2.3/-4.7	-2.4/-4.6	-2.7/--
SJT	6.49	6.0/0.0	8.4/-2.6	9.0/-2.0	8.4/-1.7	7.9/-1.7	8.0/-0.3	7.6/-0.3	7.0/0.4	6.8/0.6	5.7/0.9	4.9/1.1	4.4/1.4	4.3/1.6	4.3/1.8	4.7/--
SLC	-4.51	-3.3/0.0	-3.3/0.8	-5.1/-0.3	-5.2/-1.3	-5.7/-1.5	-5.8/-0.8	-5.8/0.3	-5.5/-4.1	-6.3/-3.9	-3.7/-3.7	-3.4/-3.4	-3.6/-3.2	-3.1/-2.9	-3.8/-2.6	-3.9/--
SSI	2.35	0.9/0.0	0.8/0.1	0.8/1.6	1.2/2.2	1.3/3.4	1.1/3.3	1.3/4.5	1.6/10.6	2.2/10.8	3.4/11.1	3.7/11.3	3.3/11.5	3.3/11.8	4.4/12.0	6.0/--
STL	-1.25	-0.4/0.0	-0.8/-1.2	-1.2/-0.3	-1.5/0.2	-1.3/0.6	-1.3/1.0	-1.3/0.8	-1.6/4.5	-1.8/4.8	-2.2/5.1	-2.4/5.5	-1.7/5.8	-0.8/6.2	-0.8/6.5	0.2/--
SYR	0.53	-1.2/0.0	-1.1/0.3	-1.2/1.3	-1.3/1.2	-0.7/1.4	-1.4/1.8	-0.9/1.7	-0.6/3.7	-0.7/4.1	1.2/4.5	3.0/4.9	3.6/5.3	2.4/5.6	3.0/6.0	3.9/--
TLH	6.50	5.4/0.0	4.9/2.5	5.1/4.4	4.8/5.3	4.5/5.4	4.3/5.9	4.4/7.5	5.4/12.8	6.0/13.0	7.1/13.2	8.1/13.4	8.5/13.5	8.4/13.7	9.3/13.9	11.3/--
TPA	7.32	5.7/0.0	5.9/1.7	5.7/2.7	5.5/3.7	4.8/5.2	5.2/5.7	5.3/6.2	6.2/13.1	7.1/13.3	8.6/13.5	8.9/13.6	8.9/13.8	9.6/14.0	10.6/14.2	11.8/--
TRM	-2.89	-1.7/0.0	-1.9/0.1	-1.6/-0.6	-1.8/-0.1	-1.8/0.3	-1.9/-0.4	-2.3/-0.5	-3.2/-4.1	-3.8/-4.0	-4.0/-3.8	-3.5/-3.6	-3.9/-3.5	-3.7/-3.3	-4.0/-3.1	-4.1/--
TUL	-0.68	-0.7/0.0	-0.2/-0.5	-0.6/-0.2	-0.7/0.6	-0.2/1.6	0.0/2.6	0.1/2.5	-0.5/3.5	-1.2/3.8	-2.0/4.1	-2.0/4.4	-1.1/4.7	-0.5/5.0	-0.8/5.3	0.1/--
TUS	-1.20	0.1/0.0	-0.0/-1.4	0.1/-1.0	0.2/-1.9	0.1/-1.1	-0.2/-1.0	-0.2/-1.1	-1.1/-2.6	-1.3/-2.5	-2.1/-2.3	-2.2/-2.2	-2.5/-2.1	-2.5/-1.9	-2.7/-1.7	-3.3/--
TYR	0.09	0.4/0.0	0.2/-0.4	-0.5/0.0	-1.0/0.8	-1.0/0.6	-1.2/0.8	-1.1/-0.8	-0.5/2.2	0.1/2.4	0.5/2.7	0.8/3.0	0.6/3.3	1.0/3.5	1.2/3.8	1.9/--
TYS	0.56	-0.2/0.0	-0.2/-0.3	0.0/0.3	-0.1/0.2	-0.6/1.5	-0.3/1.7	-0.2/2.5	0.5/8.5	0.8/8.8	0.6/9.0	0.6/9.2	0.7/9.4	1.2/9.6	2.2/9.9	3.4/--
VCT	6.32	6.1/0.0	7.4/0.7	7.6/1.9	7.2/1.8	7.5/1.8	6.8/2.0	6.5/-0.5	7.4/2.8	7.2/3.0	6.1/3.2	5.3/3.5	4.5/3.7	4.5/3.9	4.9/4.2	5.7/--
WJF	-4.07	-2.3/0.0	-2.3/-1.1	-2.4/-1.6	-2.7/-1.4	-3.1/-0.9	-2.7/-1.2	-3.3/0.9	-3.7/-7.5	-4.4/-7.4	-5.3/-7.3	-5.9/-7.1	-5.5/-6.9	-5.5/-6.7	-5.9/-6.5	-6.1/--
YKM	-3.44	-0.6/0.0	-1.4/-2.5	-2.2/-3.4	-2.2/-3.3	-2.8/-5.5	-2.5/-4.6	-2.4/-4.0	-2.9/-4.3	-4.2/-4.1	-5.6/-4.0	-4.9/-3.8	-5.5/-3.6	-4.9/-3.5	-5.0/-3.3	-4.7/--
YNG	-2.87	-0.5/0.0	-0.8/-0.0	-1.2/0.6	-1.6/0.2	-2.6/0.3	-3.1/1.4	-3.3/2.3	-3.2/5.9	-3.6/6.2	-4.9/6.5	-4.2/6.9	-4.2/7.2	-4.1/7.5	-2.9/7.8	-3.0/--
YQB	-0.16	-1.1/0.0	-1.2/0.0	-1.2/0.0	-0.7/0.0	-1.1/0.0	-0.3/0.0	0.4/0.0	0.8/-0.4	0.8/0.1	0.7/0.7	-0.1/1.2	0.2/1.7	0.4/2.2	0.1/2.7	-0.1/--
YUL	-2.45	-1.0/0.0	-1.9/0.0	-2.4/0.0	-3.0/0.0	-3.2/0.0	-2.4/0.0	-2.3/0.0	-2.5/0.4	-2.9/0.9	-3.1/1.4	-3.2/1.8	-2.6/2.3	-2.3/2.8	-2.1/3.3	-1.9/--
YVR	-0.61	0.4/0.0	0.6/0.0	0.5/0.0	0.4/0.0	0.2/0.0	0.5/0.0	0.0/0.0	-0.1/-1.3	-0.3/-1.2	-0.3/-1.1	-1.9/-1.0	-2.1/-0.9	-2.3/-0.8	-2.4/-0.6	-2.1/--
YWG	-3.17	0.3/0.0	0.9/0.0	1.3/0.0	-7.2/0.0	-5.1/0.0	-5.8/0.0	-5.8/0.0	-5.5/2.1	-8.6/2.6	-5.7/3.1	4.0/3.7	4.5/4.2	-5.2/4.7	-4.9/5.3	-4.7/--
YXD	-3.45	-1.4/0.0	-2.0/0.0	-2.7/0.0	-3.3/0.0	-2.3/0.0	-2.1/0.0	-3.7/0.0	-4.7/7.5	-4.3/7.8	-4.3/8.1	-4.8/8.4	-4.3/8.7	-4.6/9.0	-3.8/9.3	-3.3/--
YYC	0.99	3.0/0.0	3.0/0.0	0.0/0.0	1.9/0.0	1.9/0.0	2.8/0.0	0.9/0.0	0.0/3.5	0.0/3.7	-1.3/3.9	-0.4/4.1	-0.1/4.4	0.3/4.6	0.2/4.9	1.5/--
YYZ	-1.33	0.9/0.0	0.7/0.0	-0.0/0.0	-0.6/0.0	-1.2/0.0	-1.6/0.0	-1.8/0.0	-1.7/2.5	-1.4/2.8	-2.8/3.1	-2.6/3.5	-2.1/3.8	-2.2/4.2	-2.1/4.5	-1.5/--

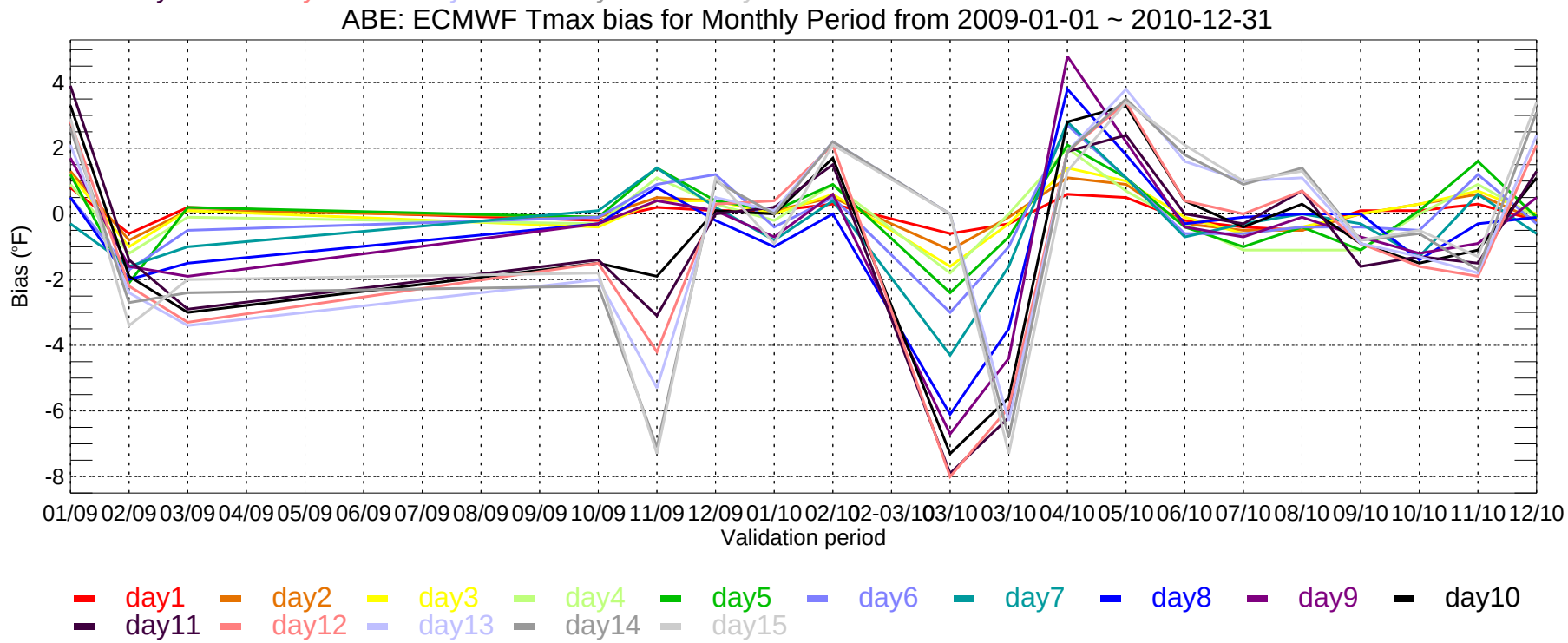
red: S < -0.3 orange: -0.3 < S < -0.1 grey: -0.1 < S < 0.1 green: 0.1 < S < 0.3 blue: S > 0.3

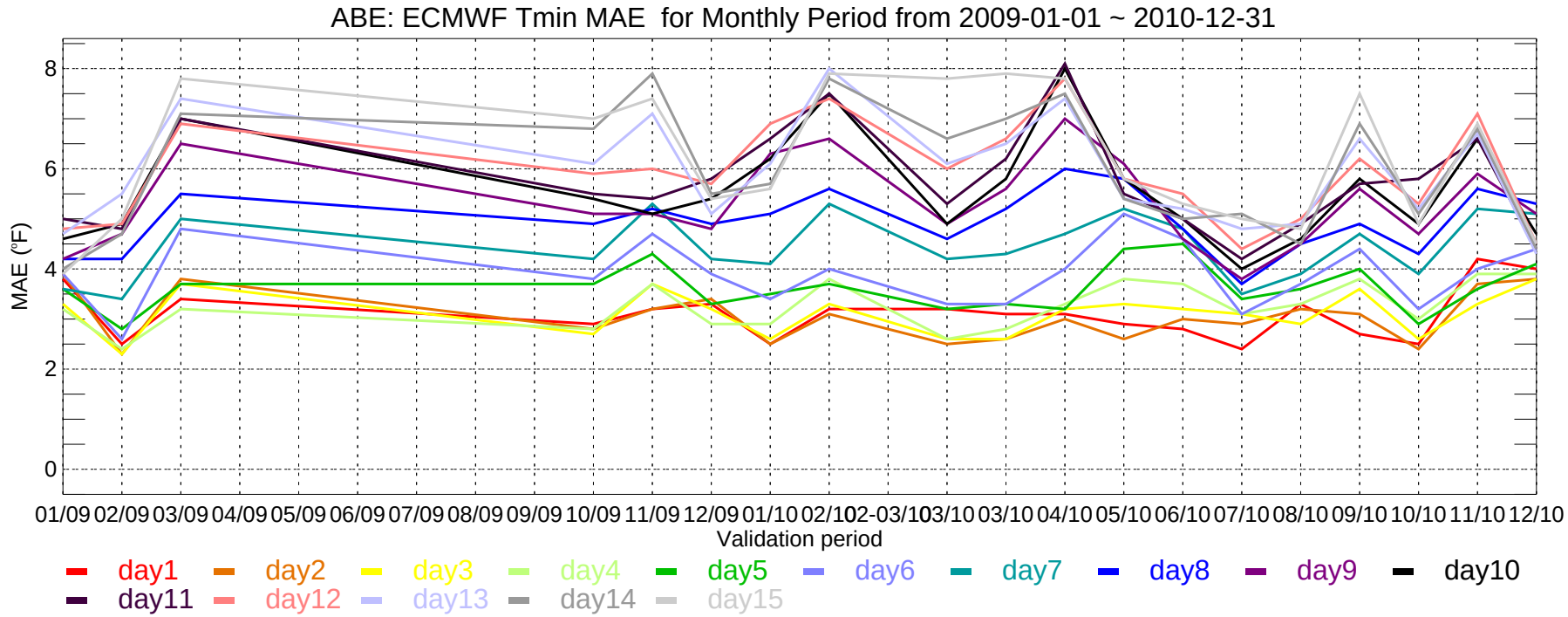
S_score: average of (1 - ECMWF-value / MEX-value)

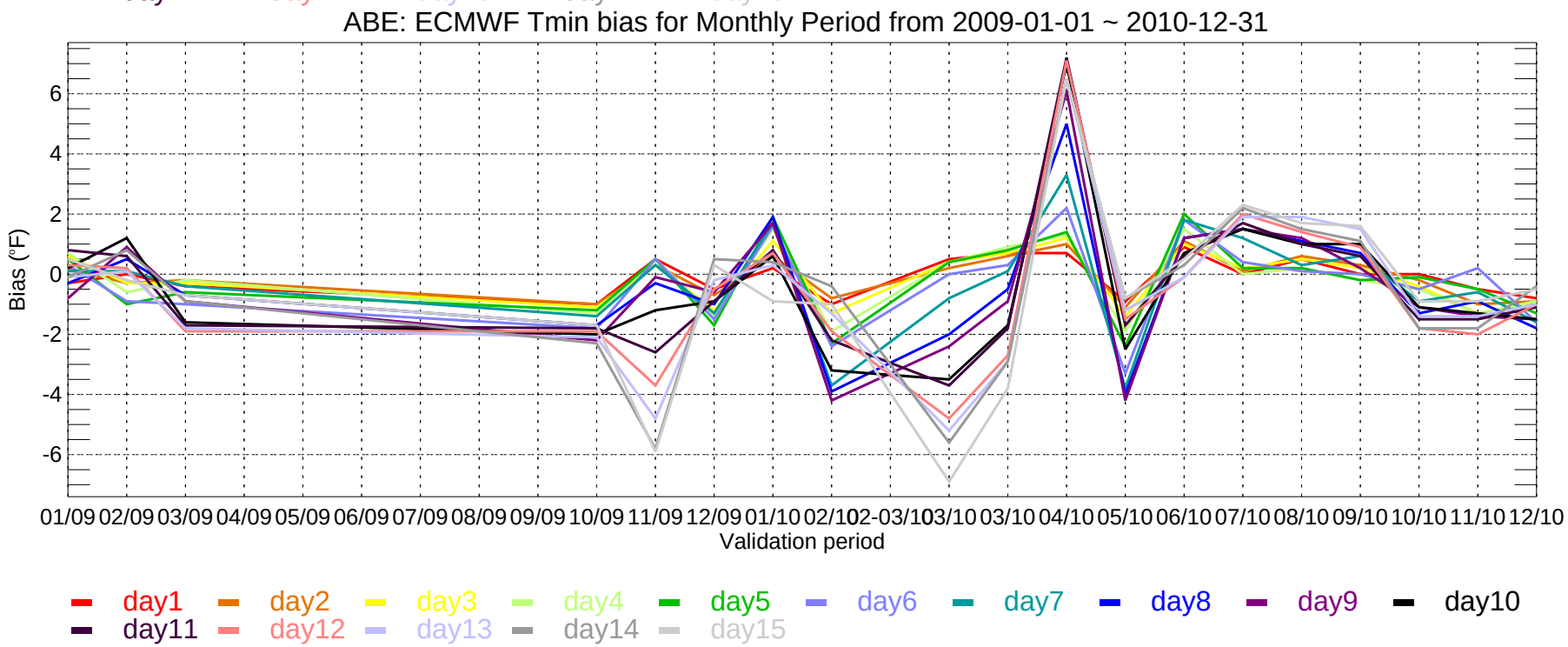
red: B >= 4.0 orange: 4.0 > B >= 2.0 black: 2.0 > B >= -2.0 green: -2.0 > B >= -4.0 blue: B < -4.0

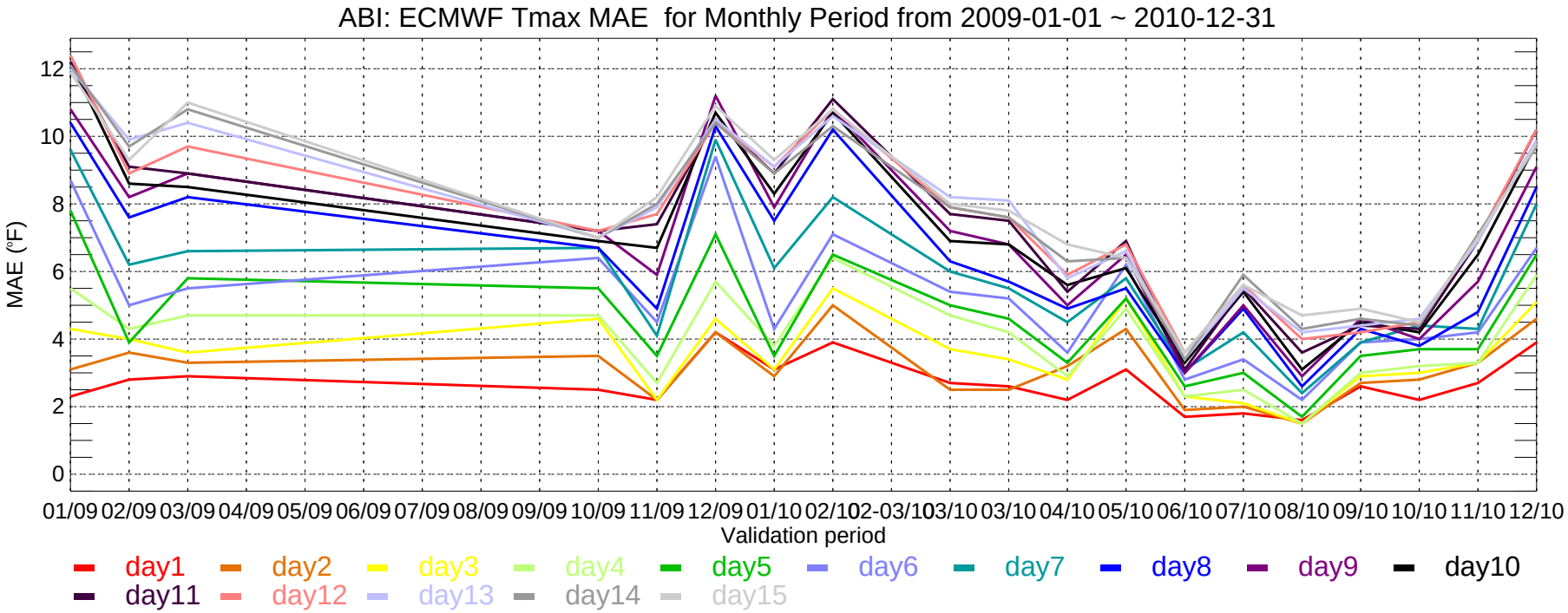
avg_bias: average of ECMWF-value

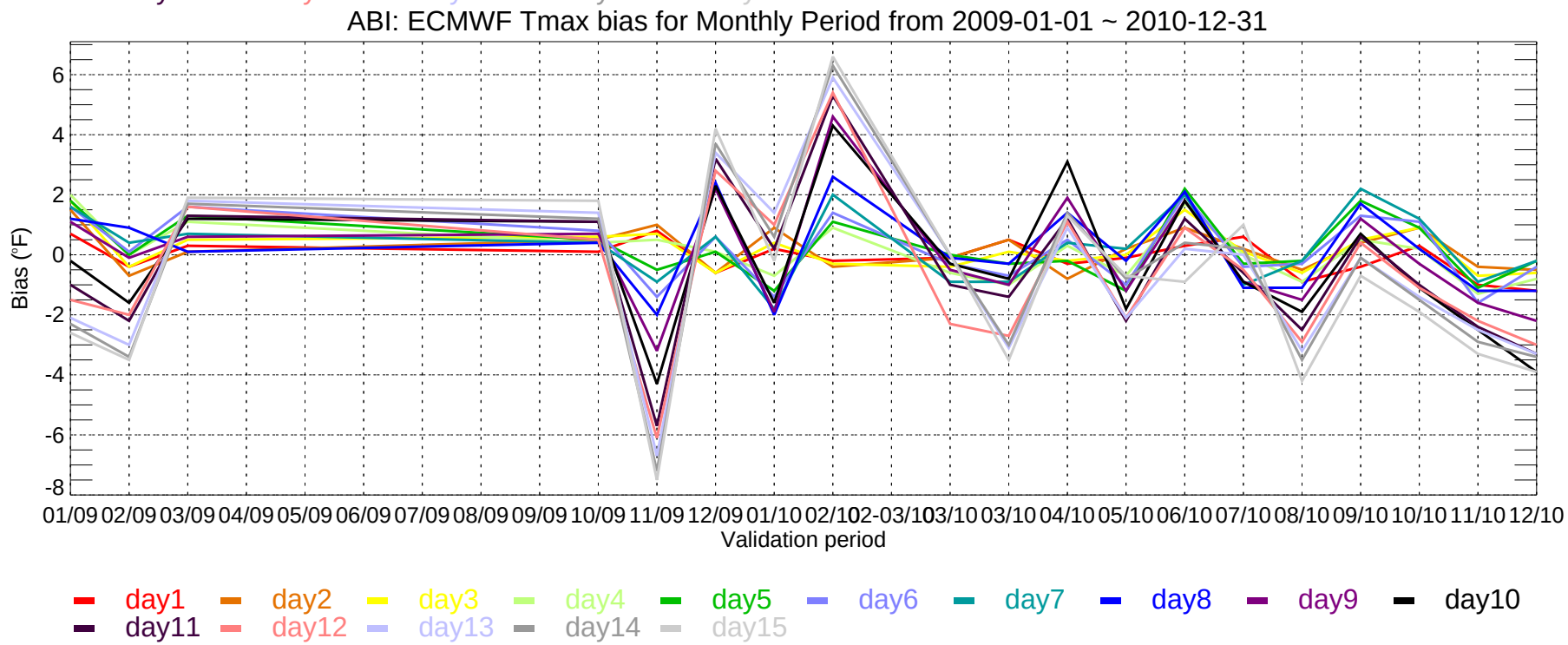

ABE: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

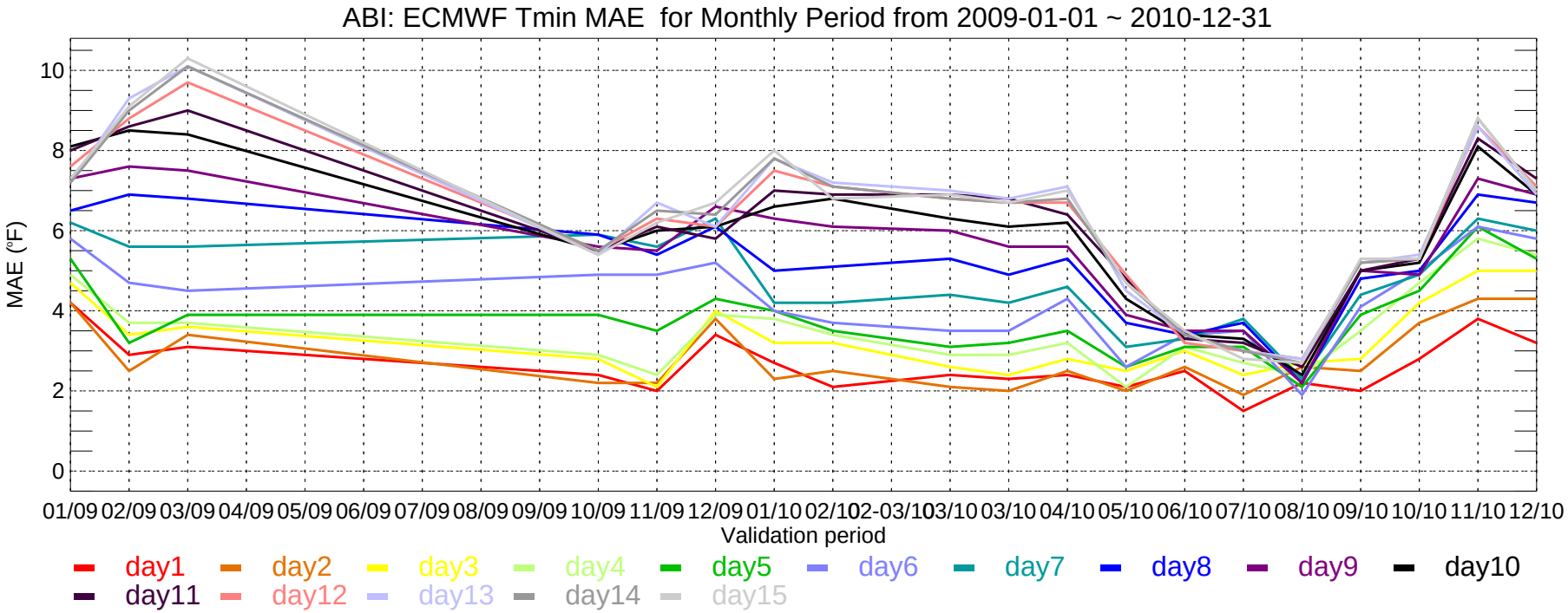

ABE: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

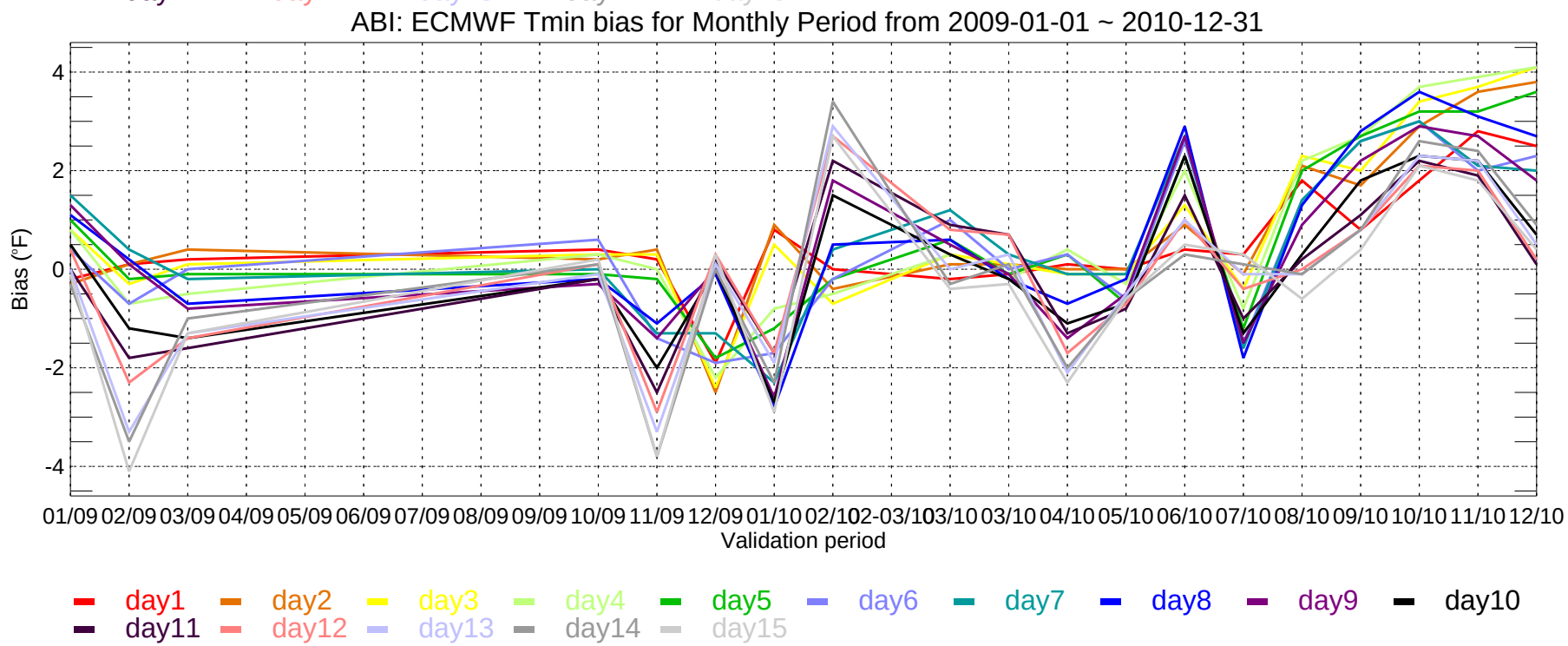

ABE: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

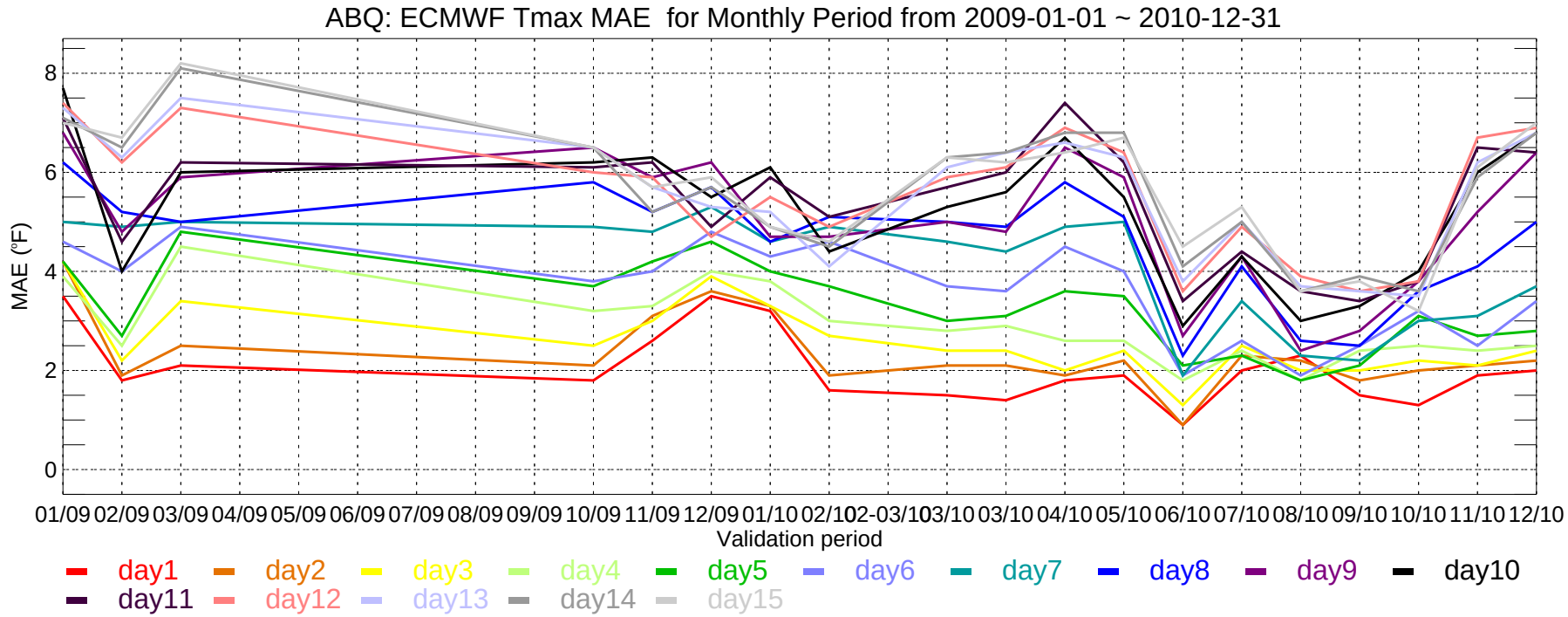

ABE: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

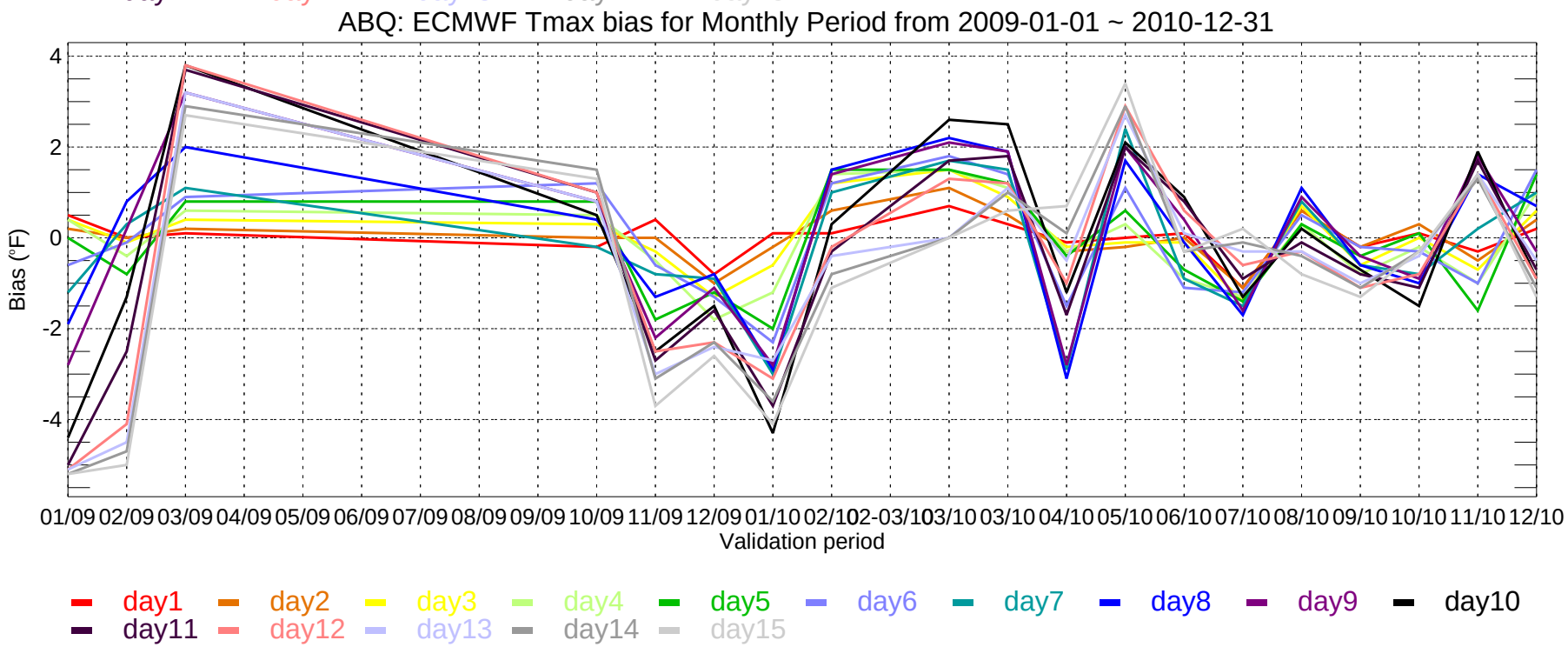

ABI: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

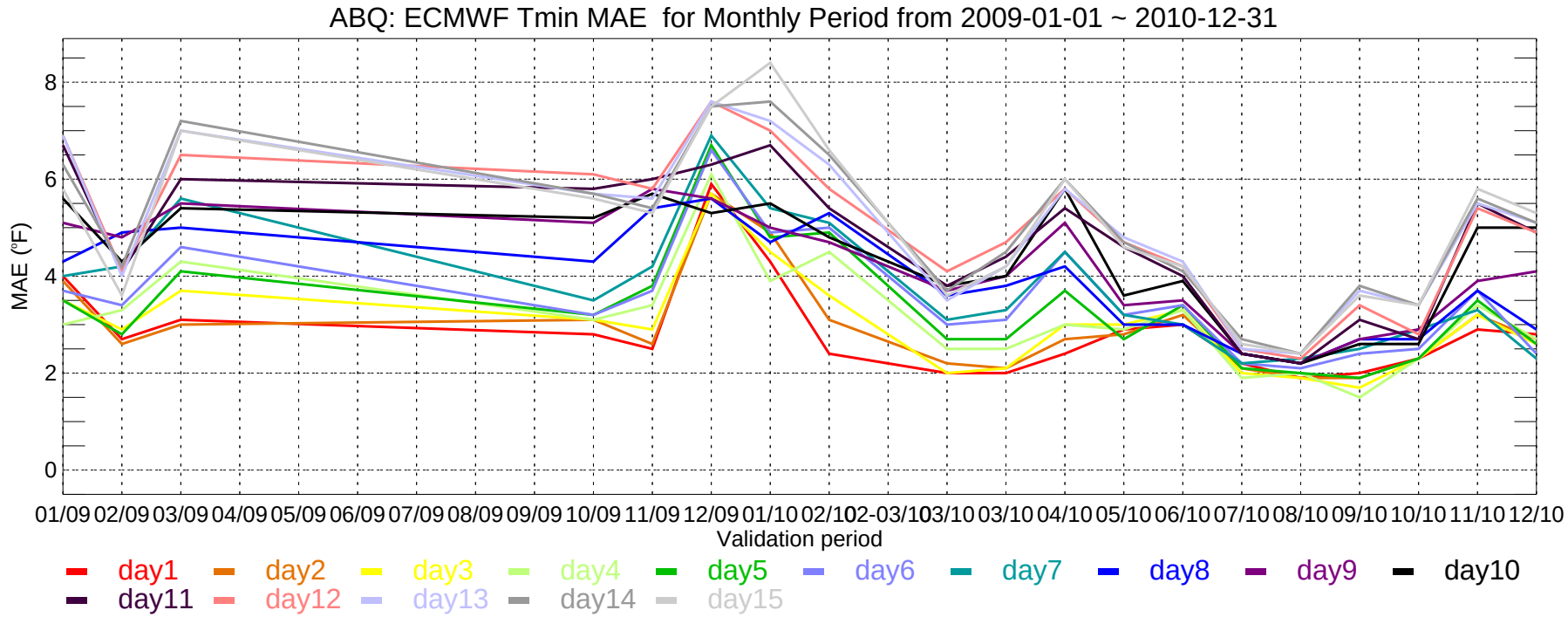

ABI: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-8
-6
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

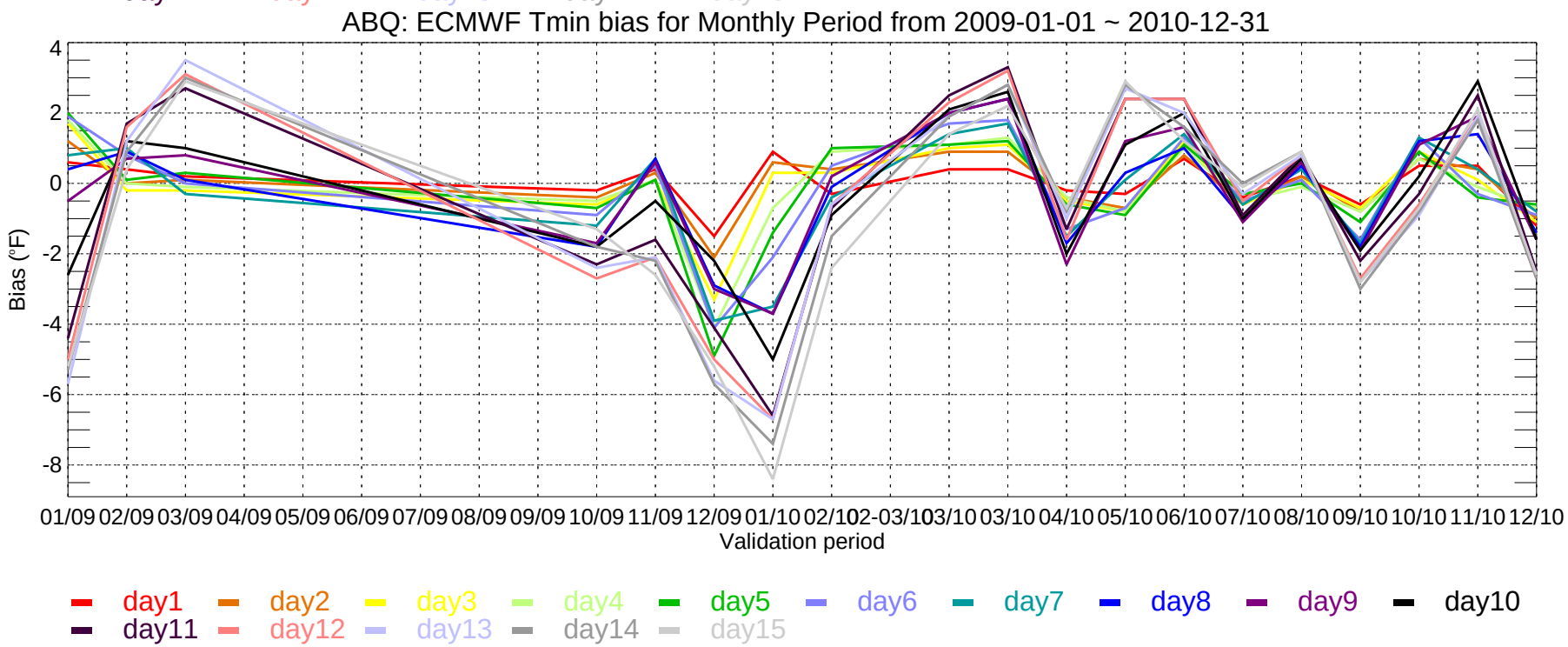

ABI: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

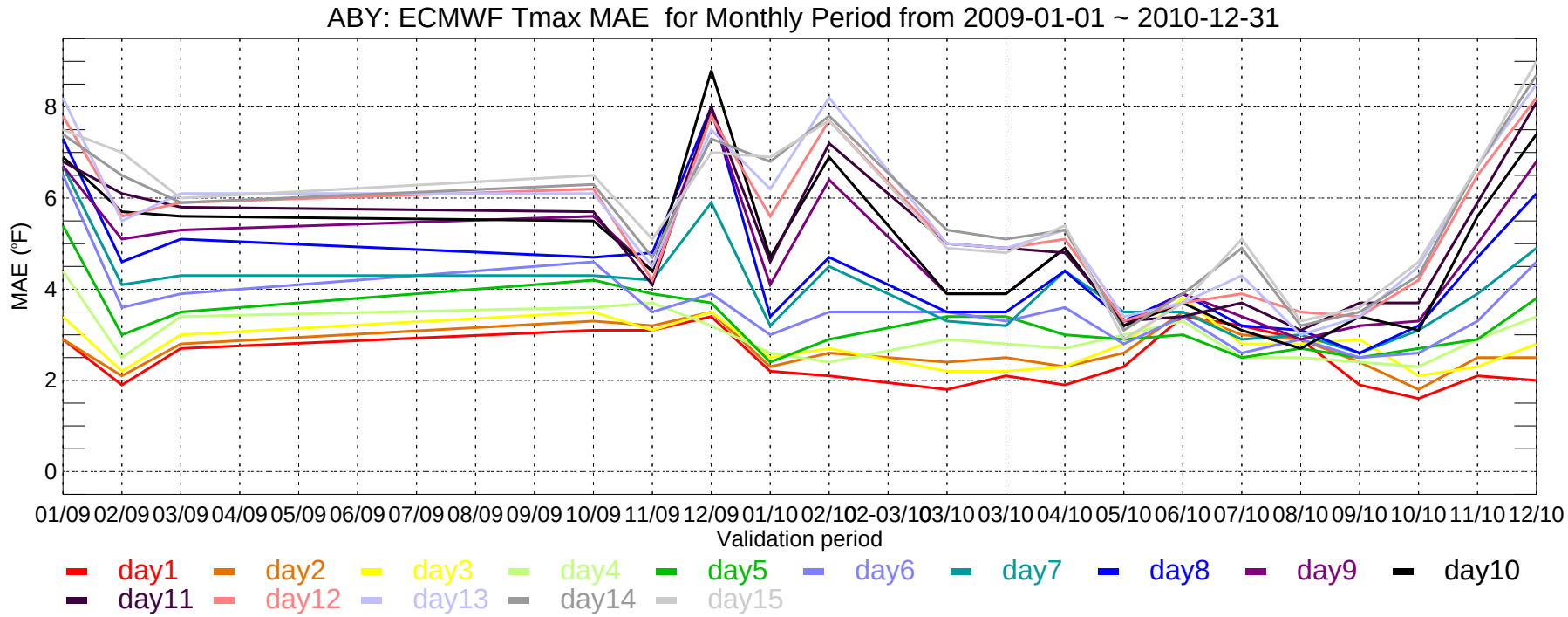

ABI: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

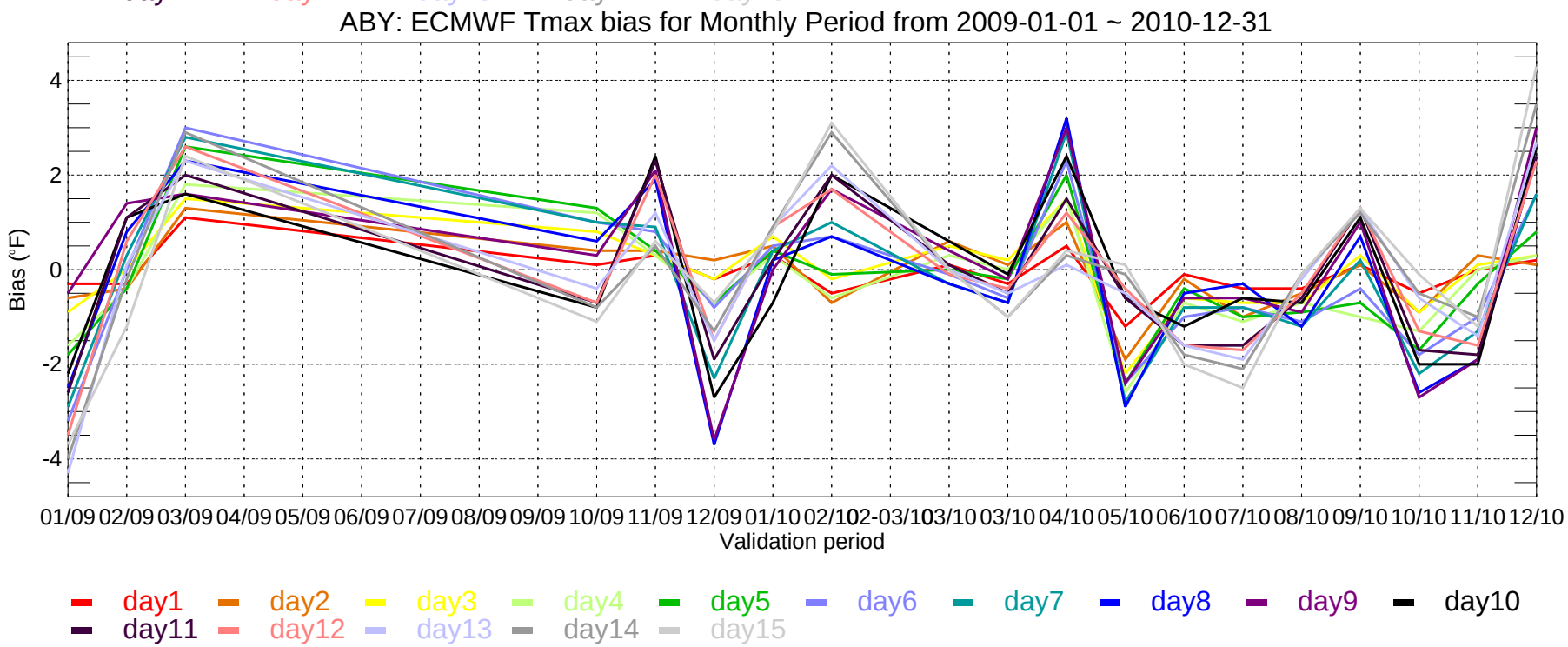

ABQ: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

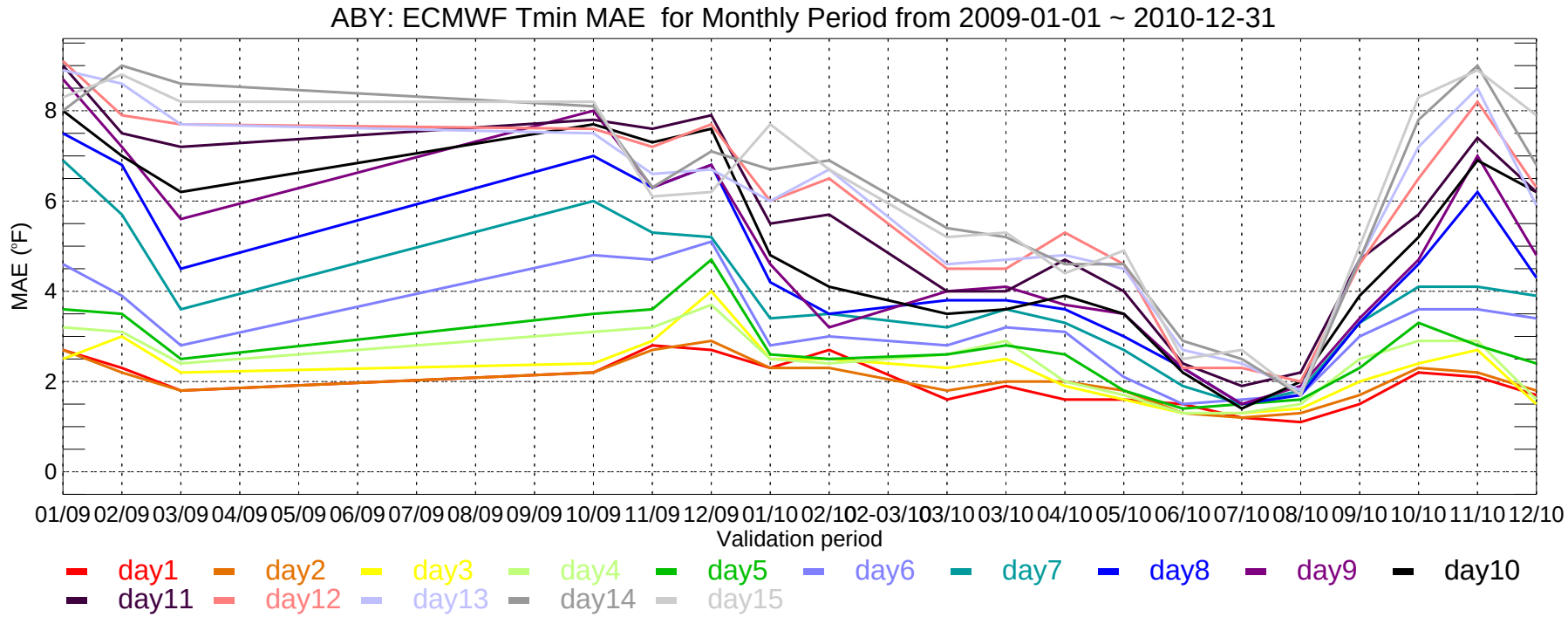

ABQ: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

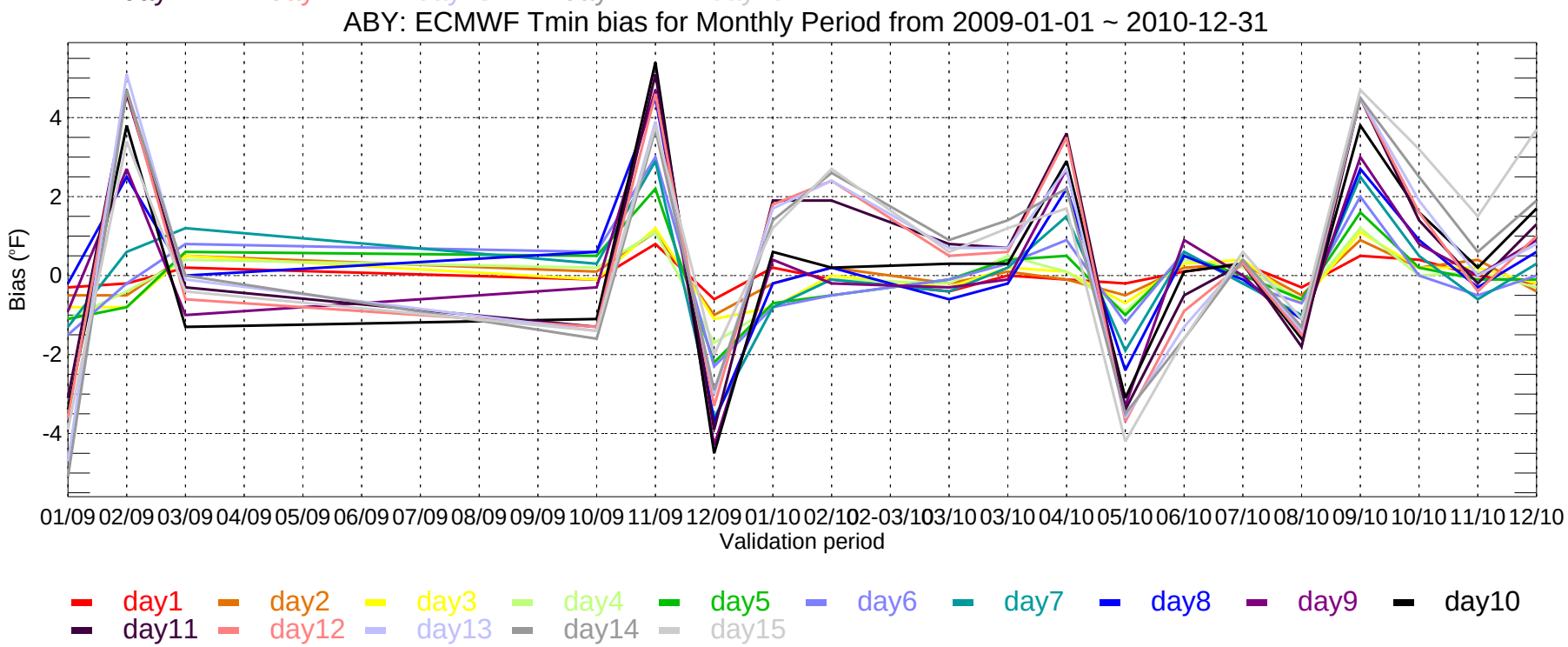

ABQ: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

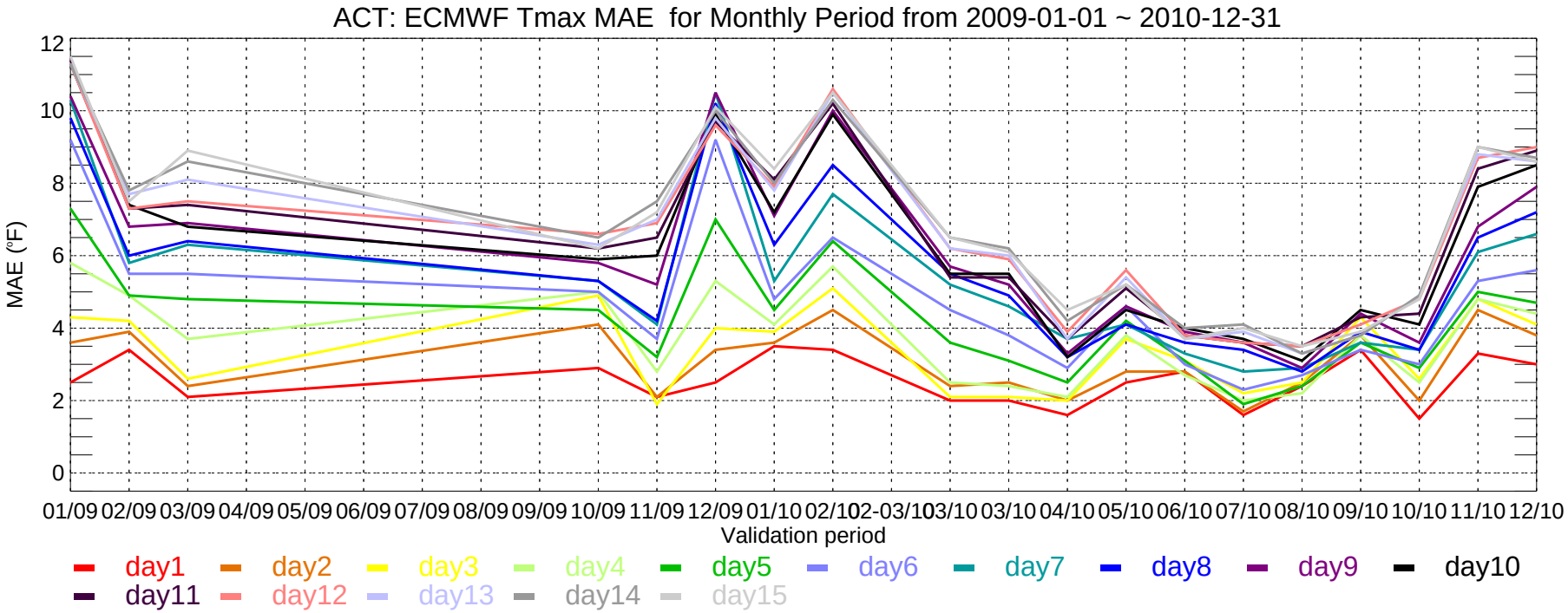

ABQ: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

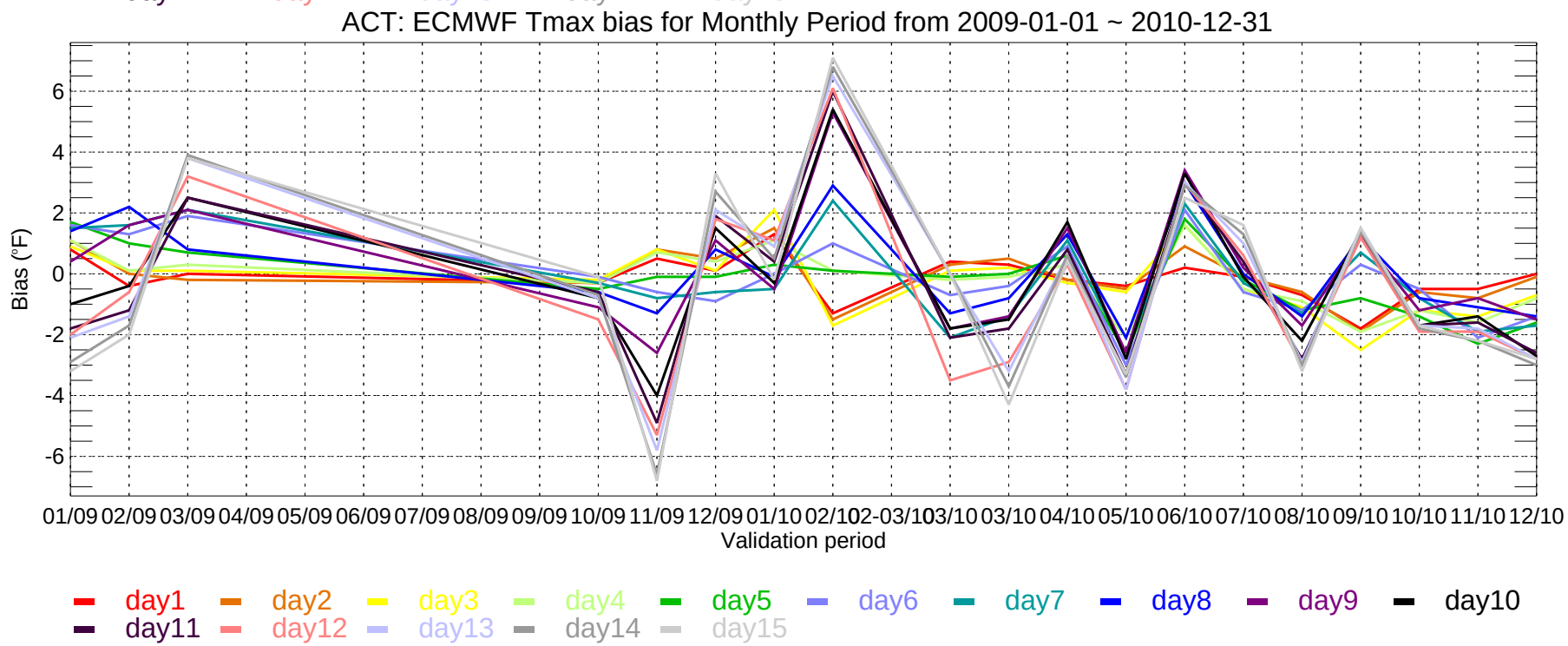

ABY: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

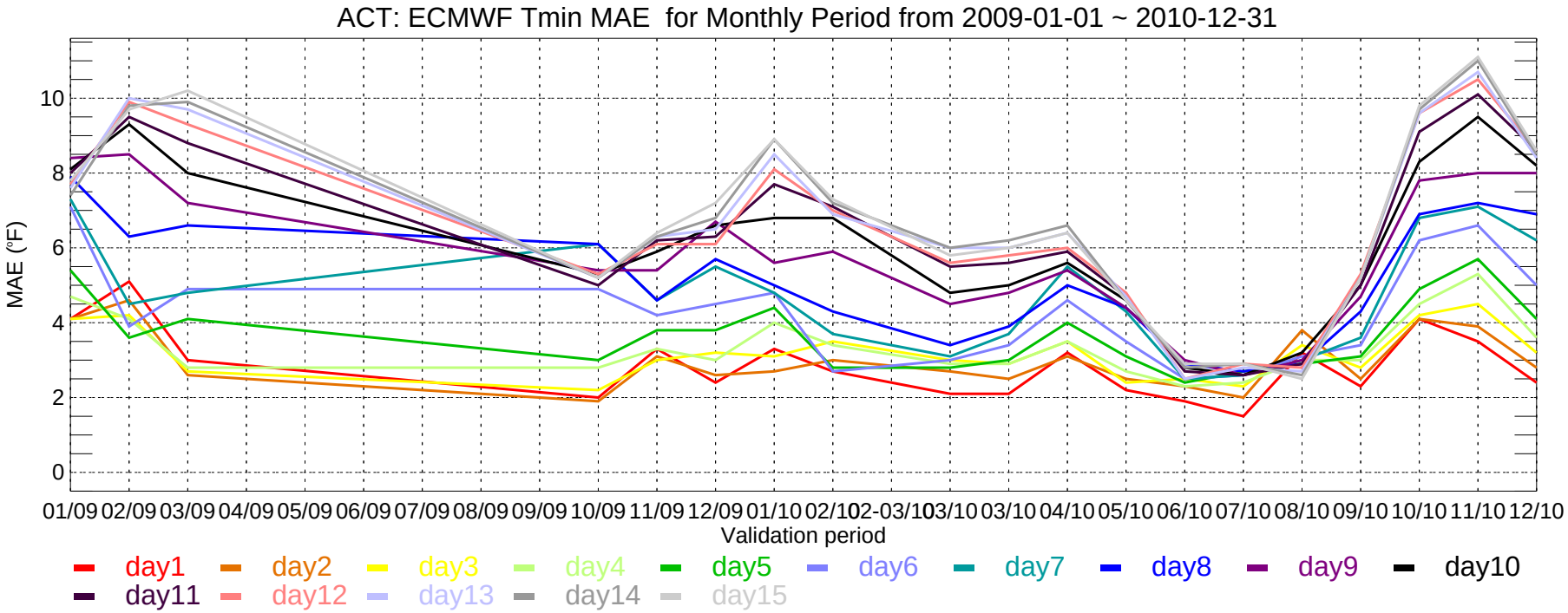

ABY: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

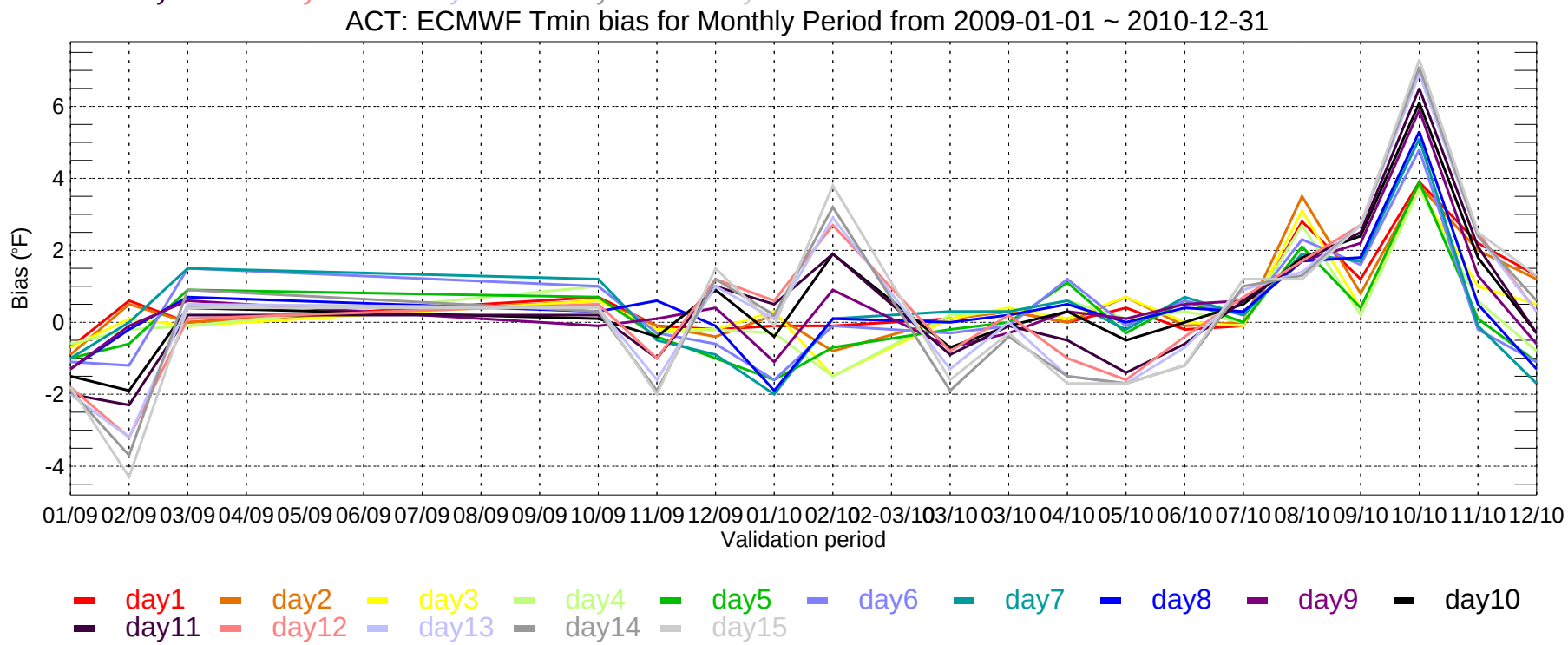

ABY: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

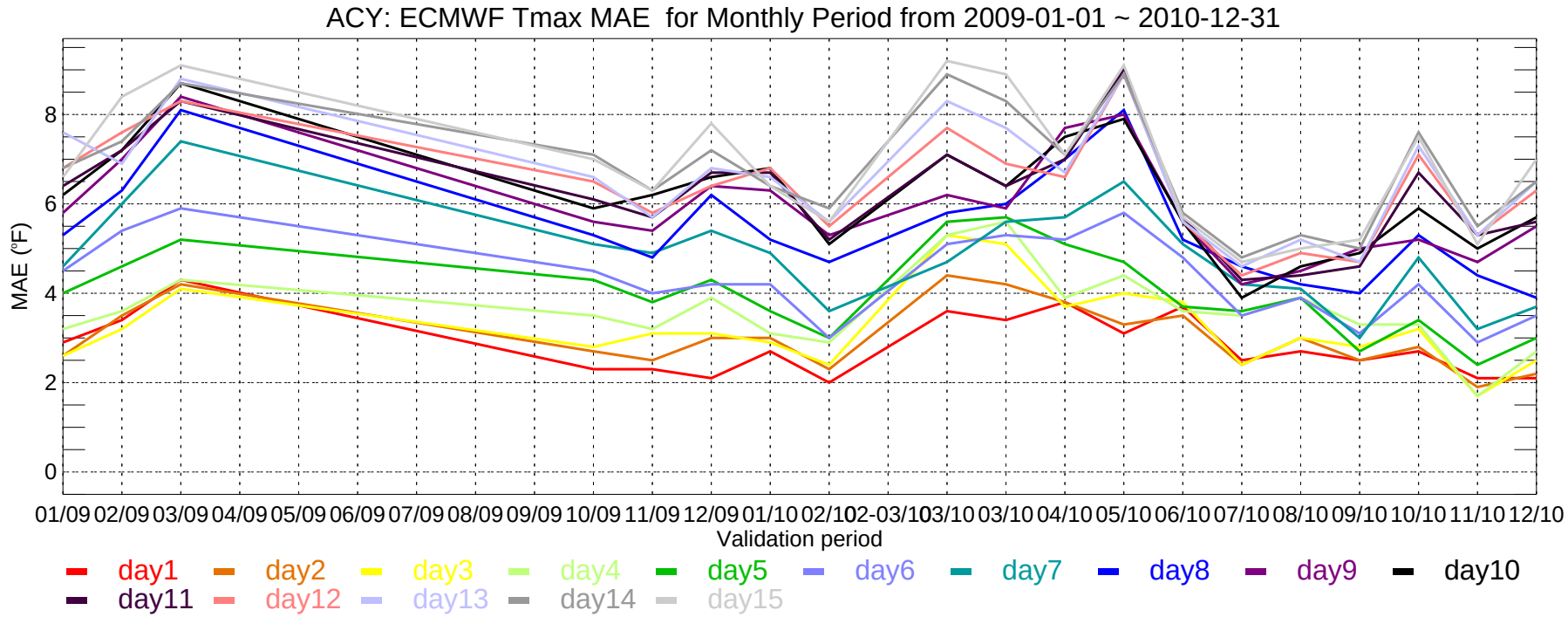

ABY: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

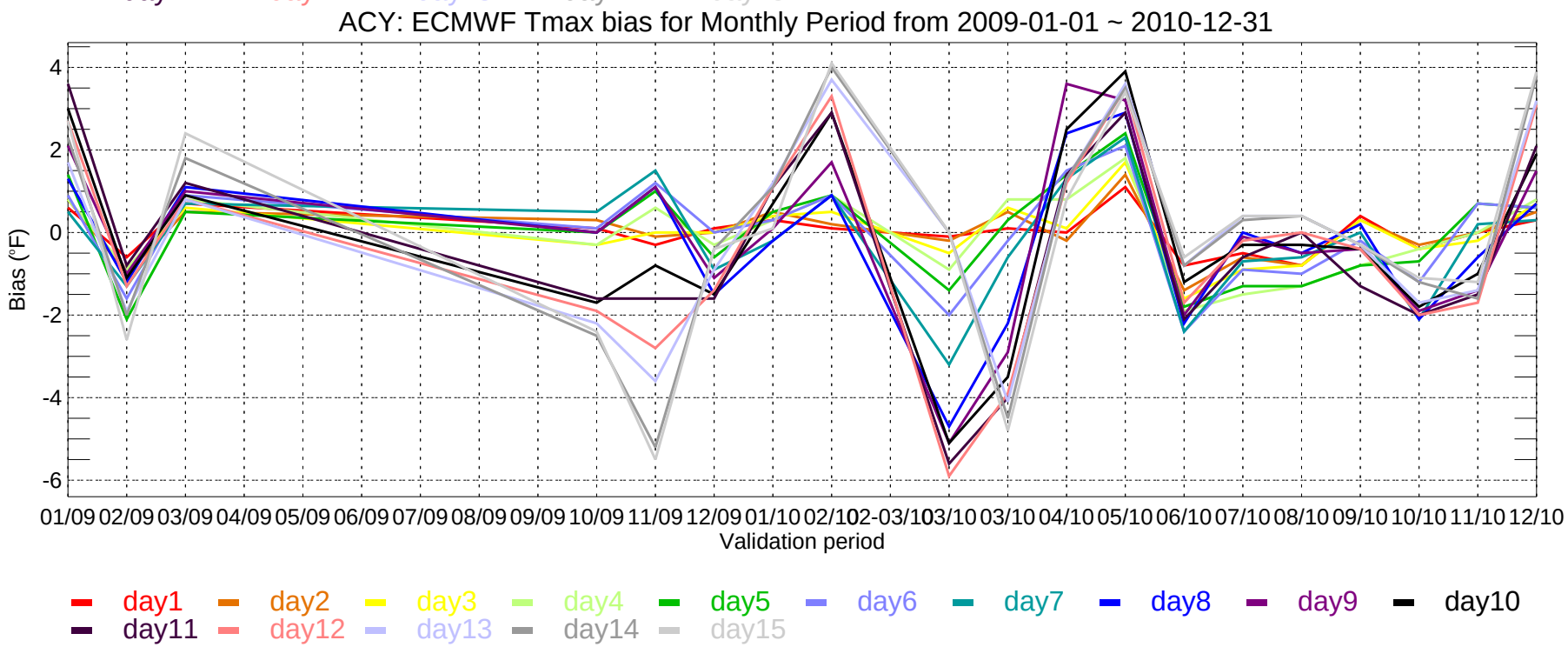

ACT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

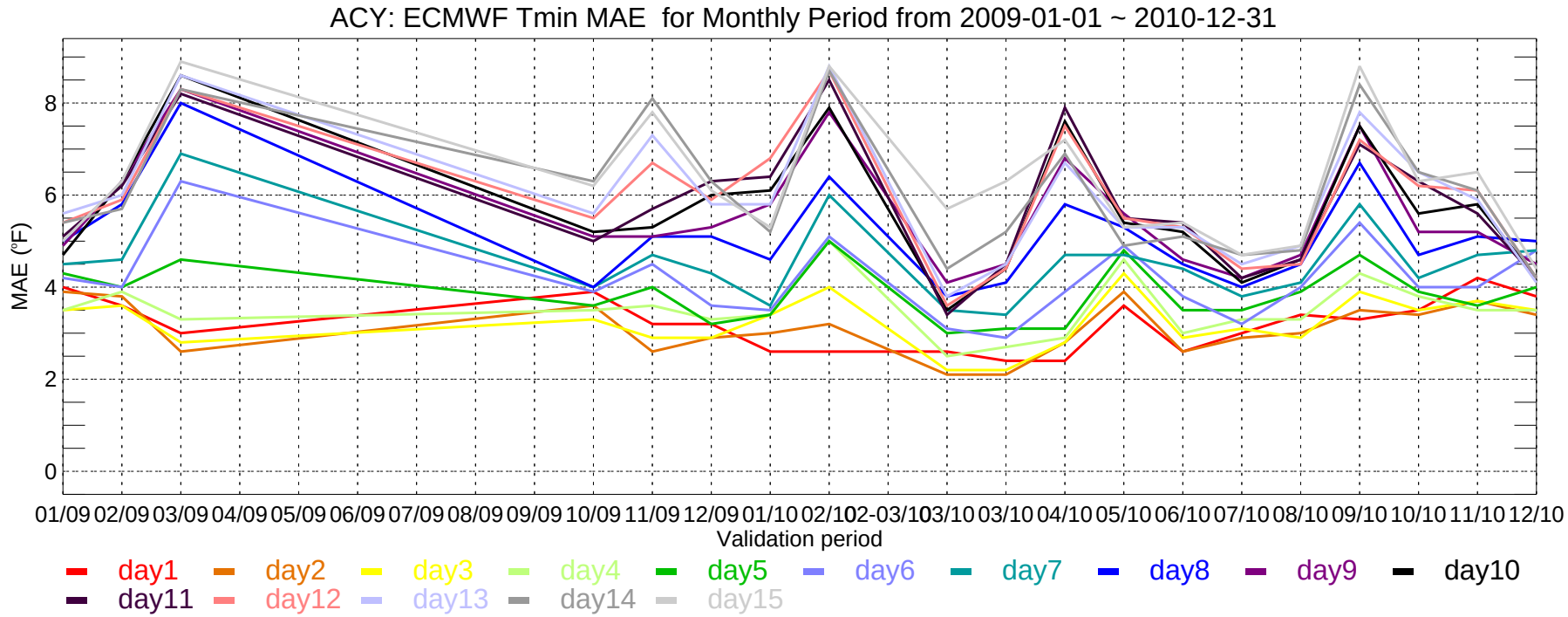

ACT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

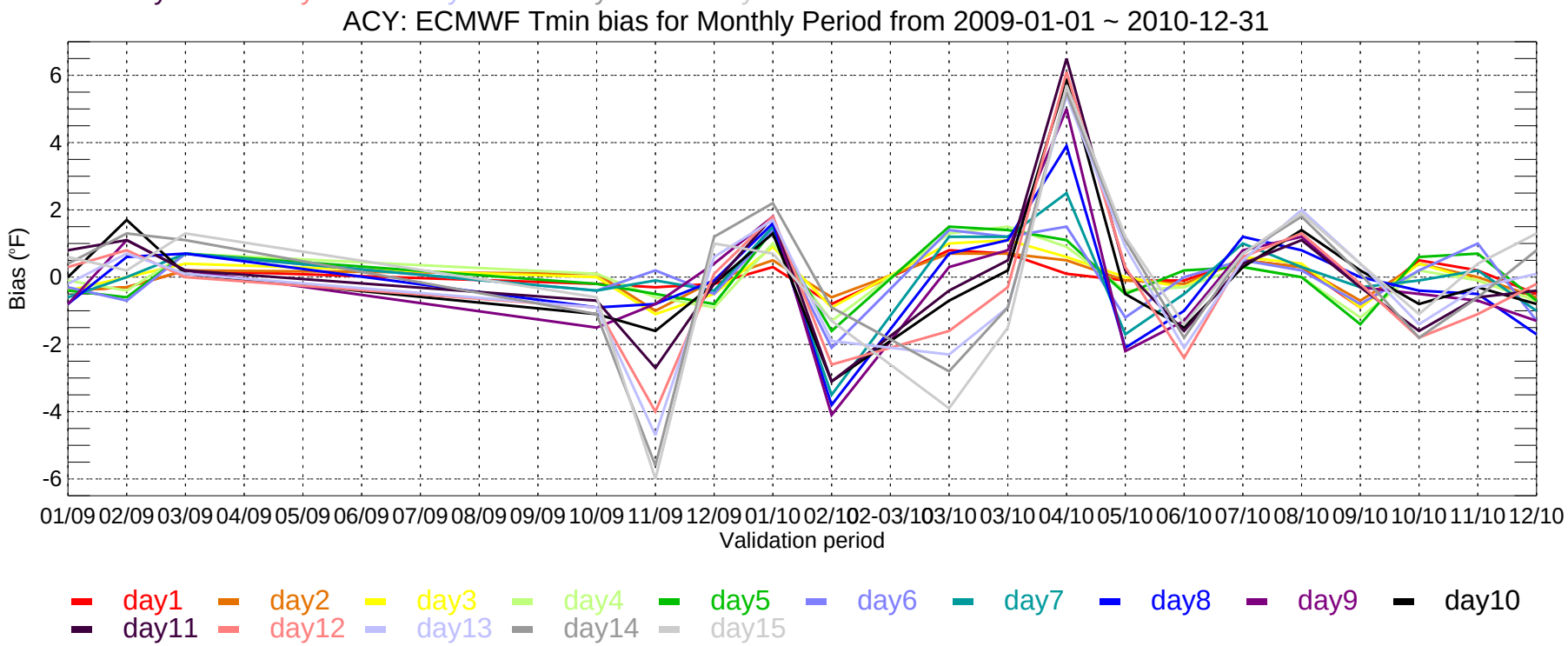

ACT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

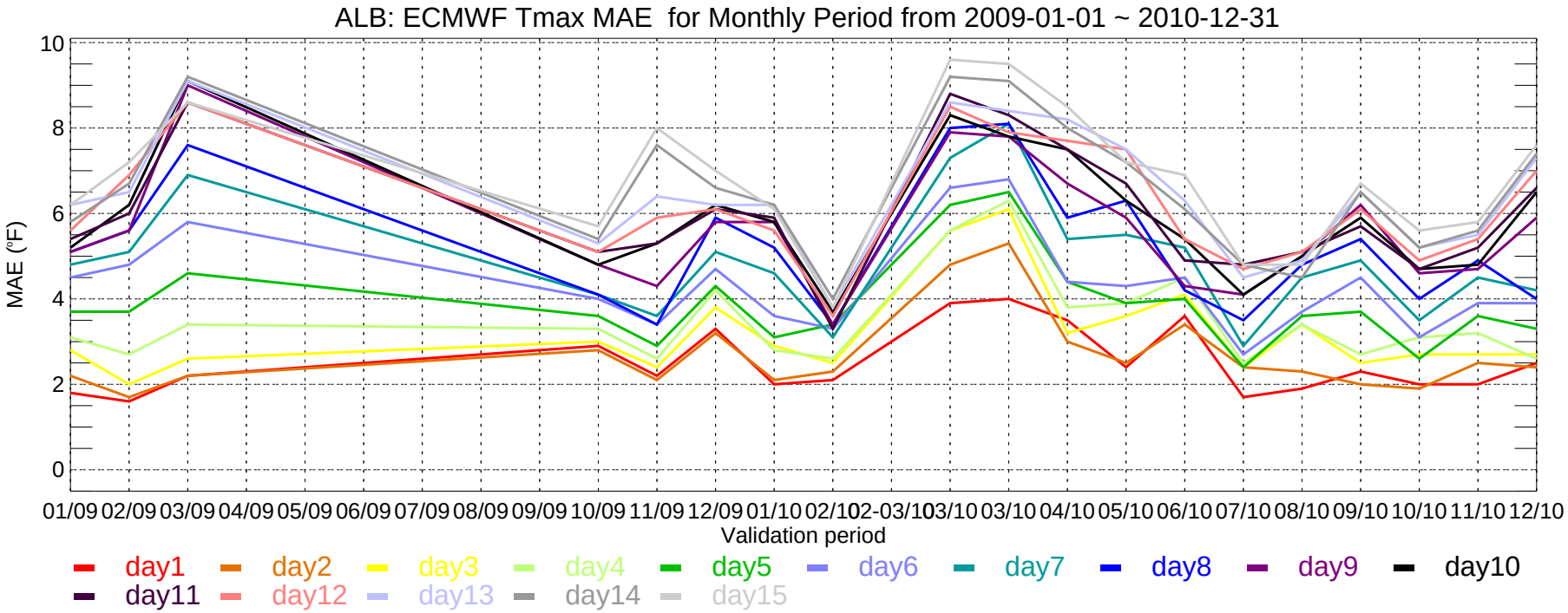

ACT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

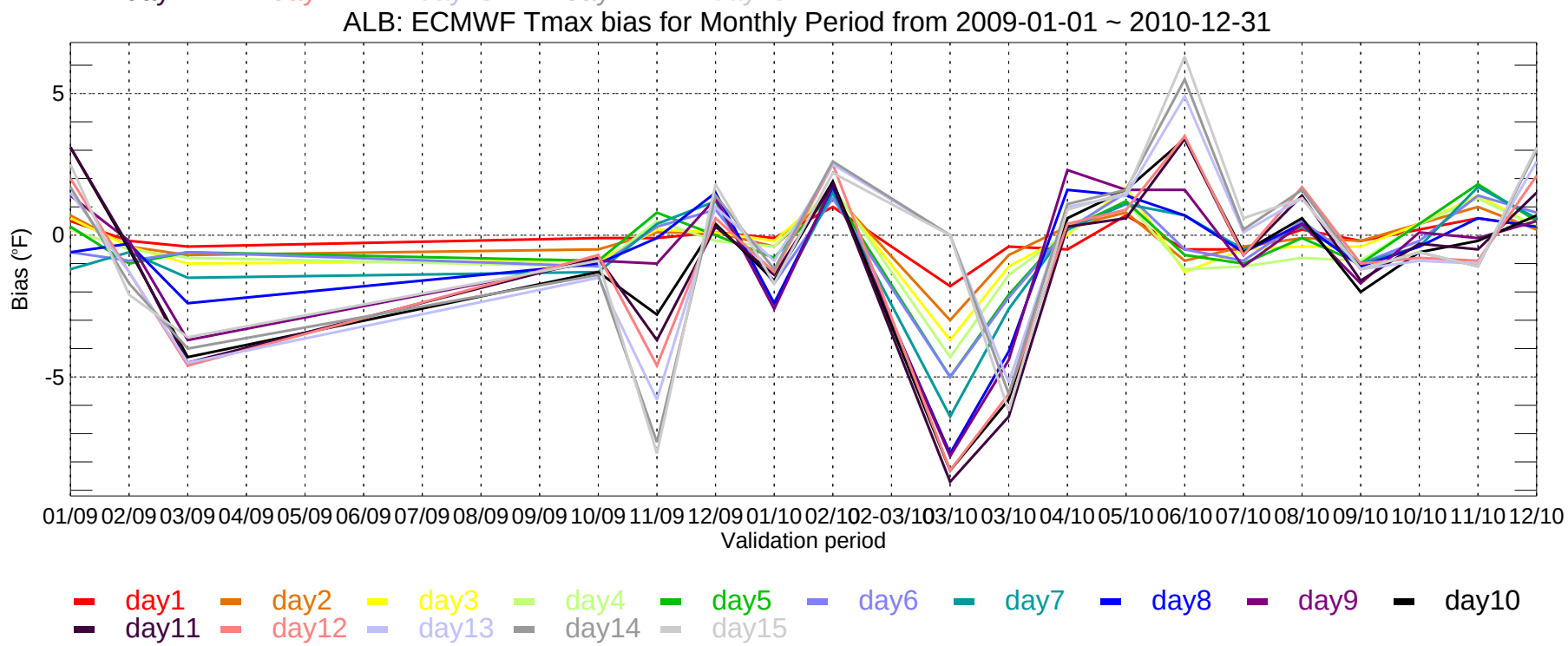

ACY: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

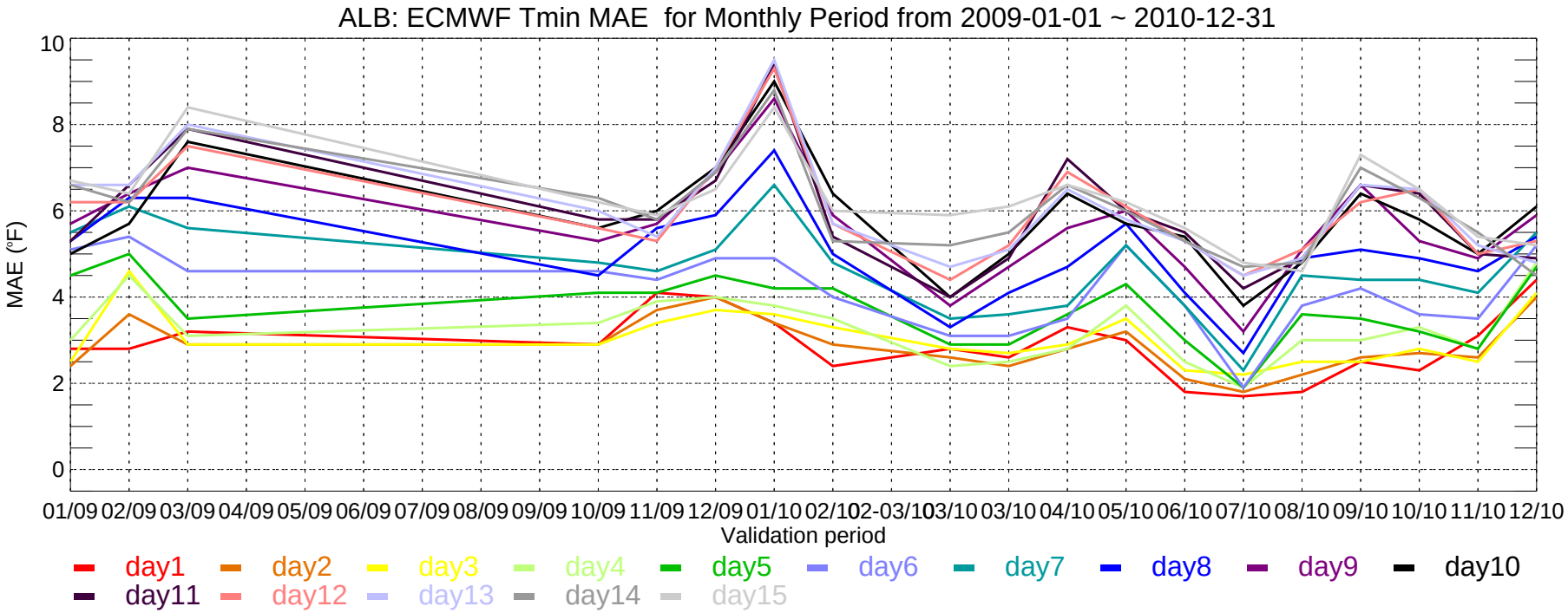

ACY: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

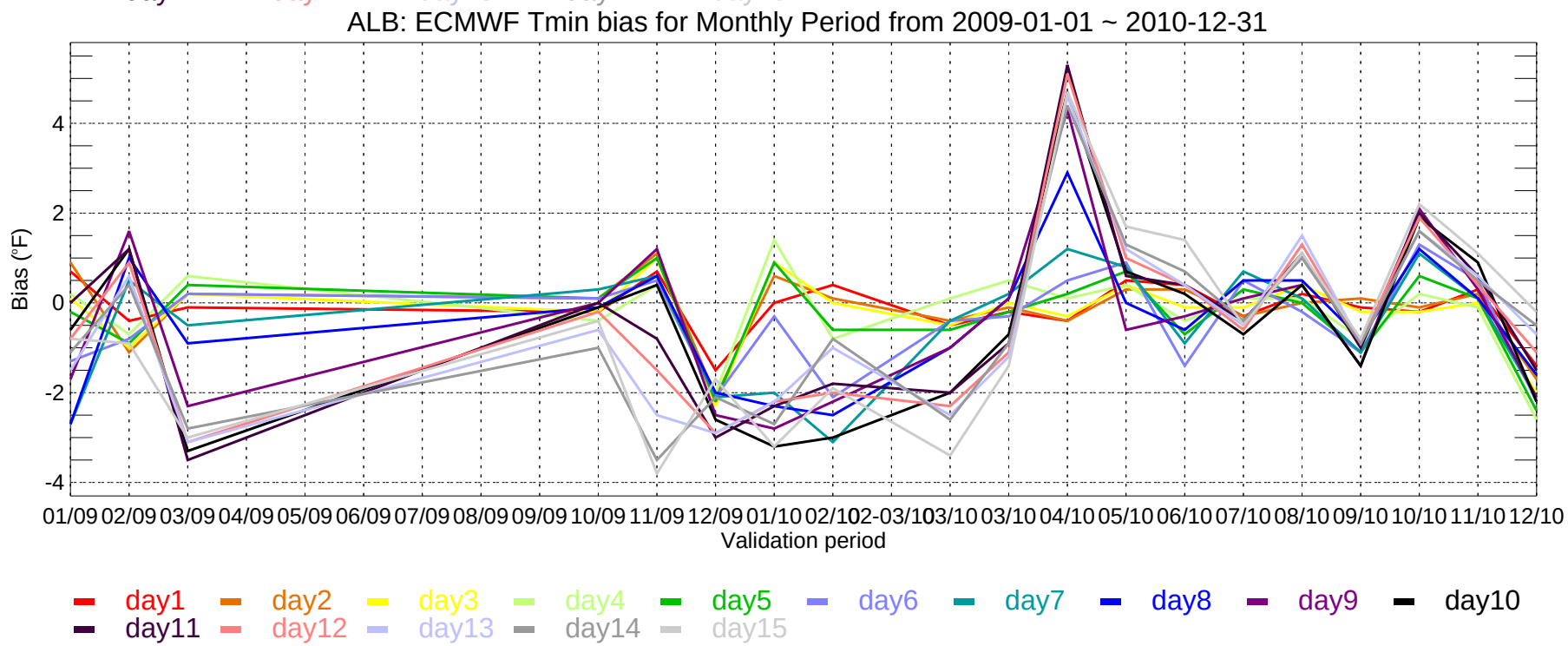

ACY: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

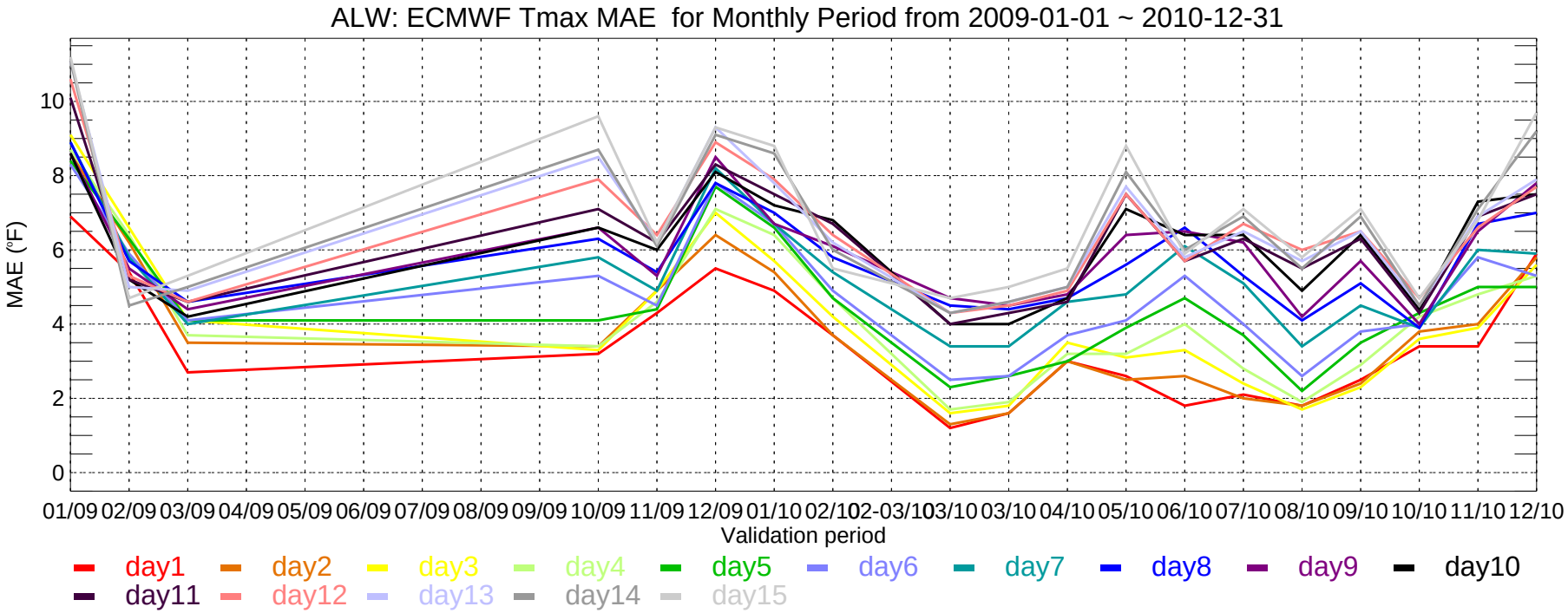

ACY: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

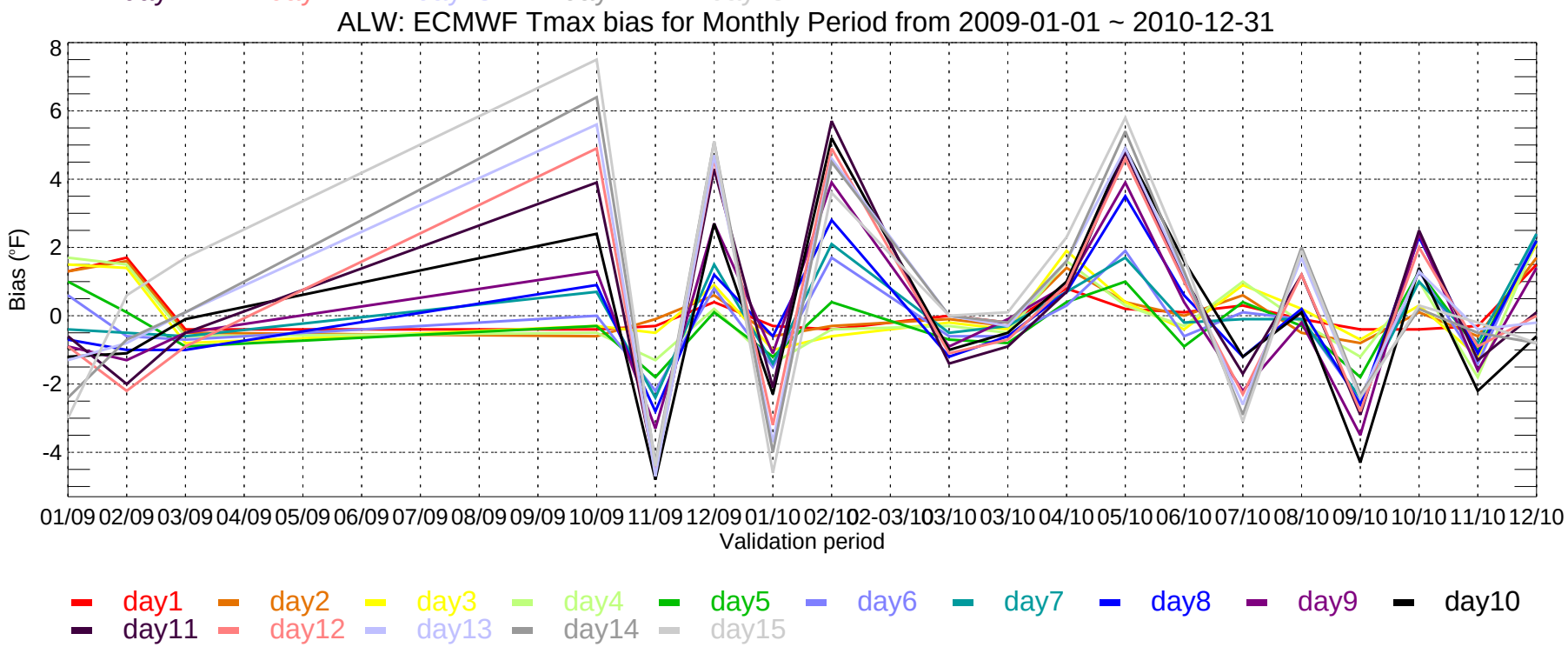

ALB: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

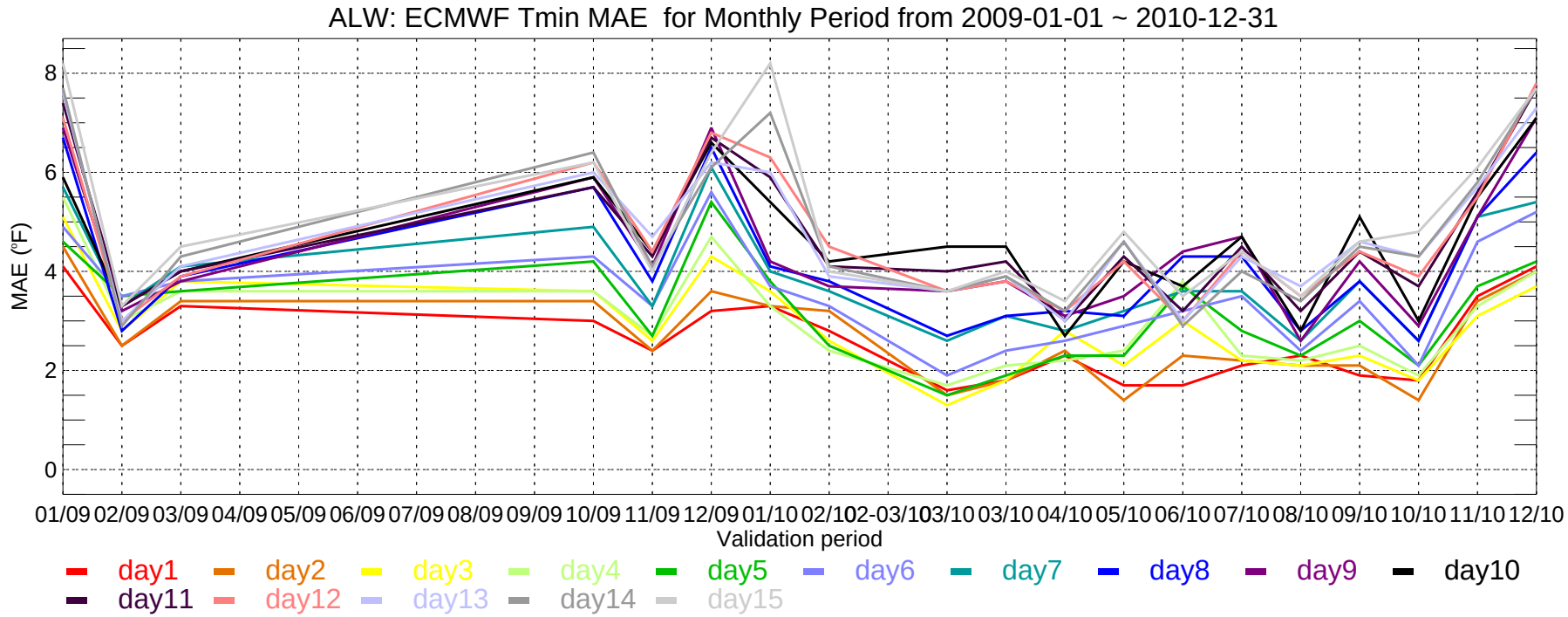

ALB: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

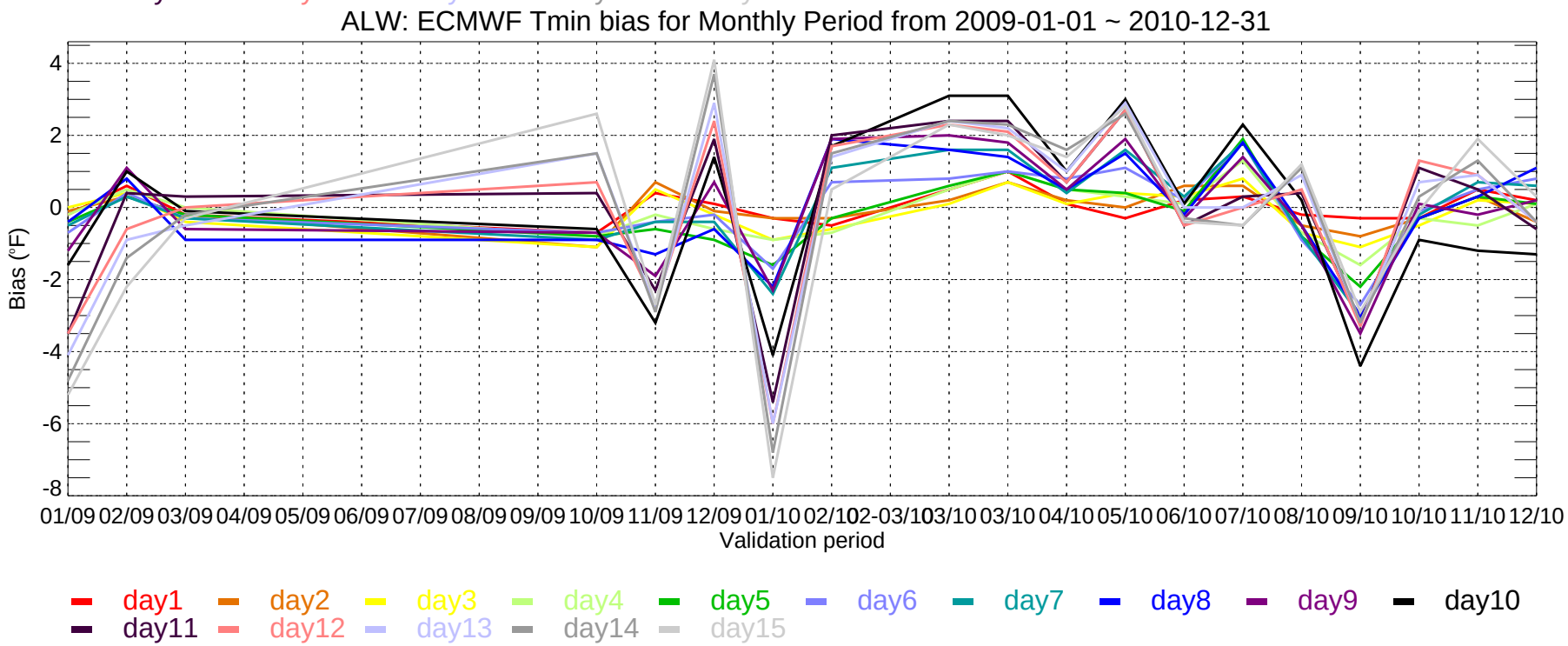

ALB: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

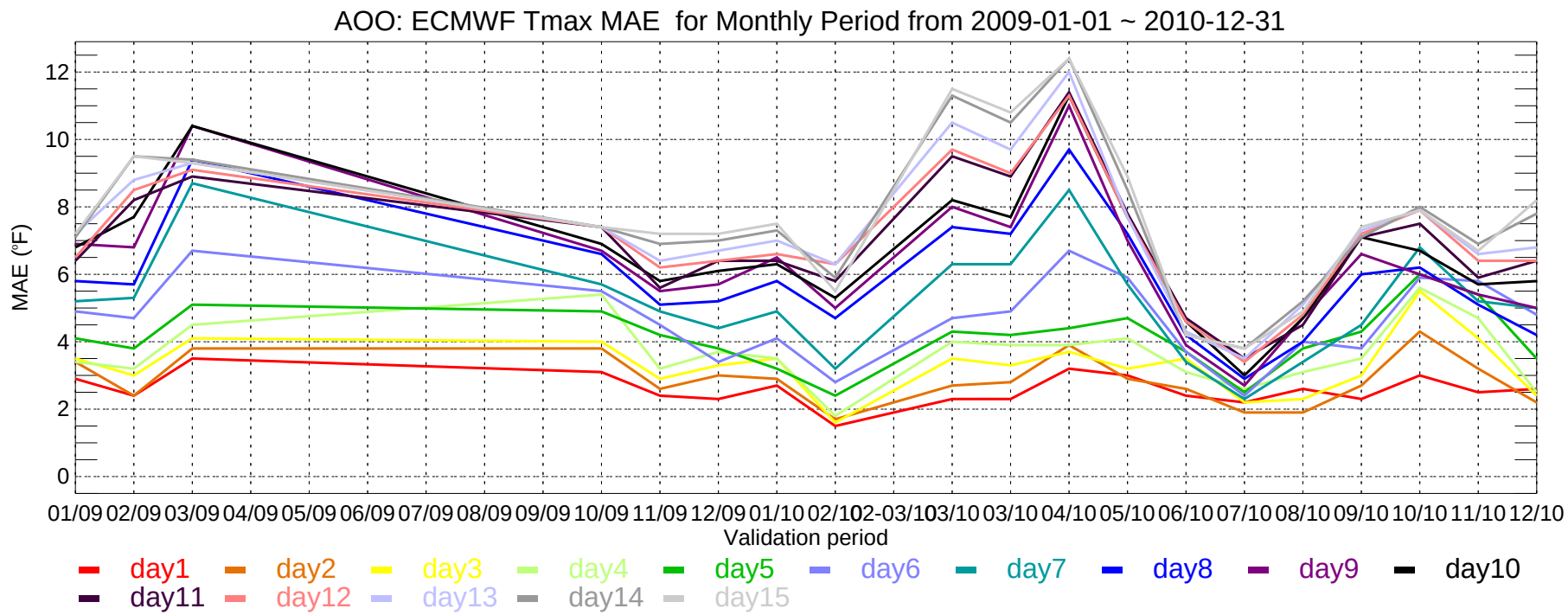

ALB: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

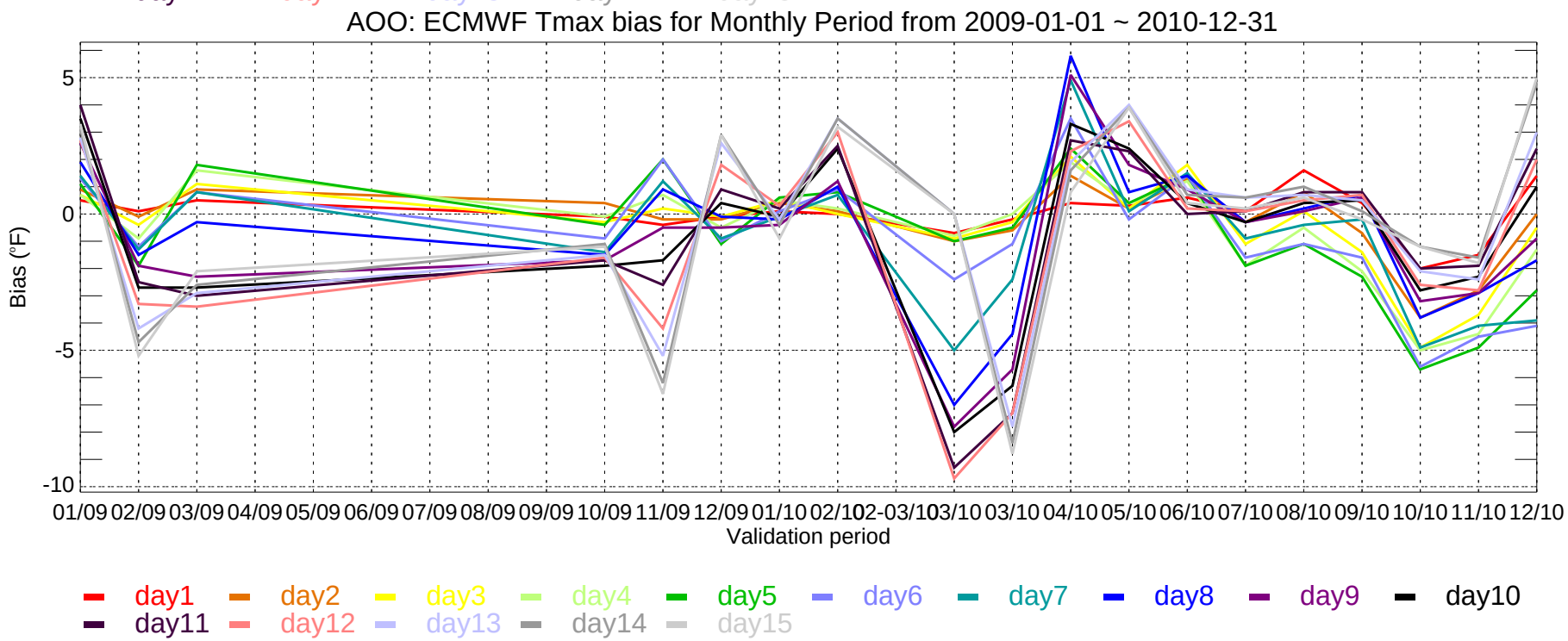

ALW: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

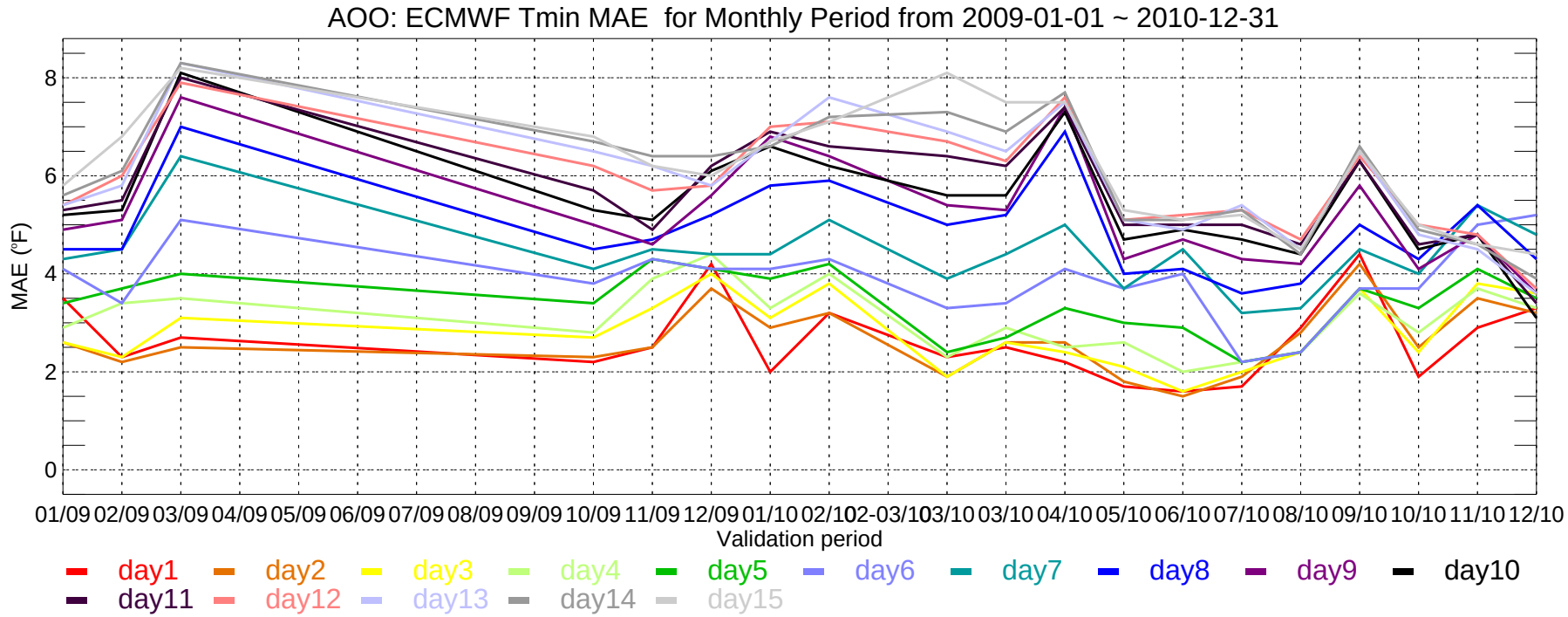

ALW: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

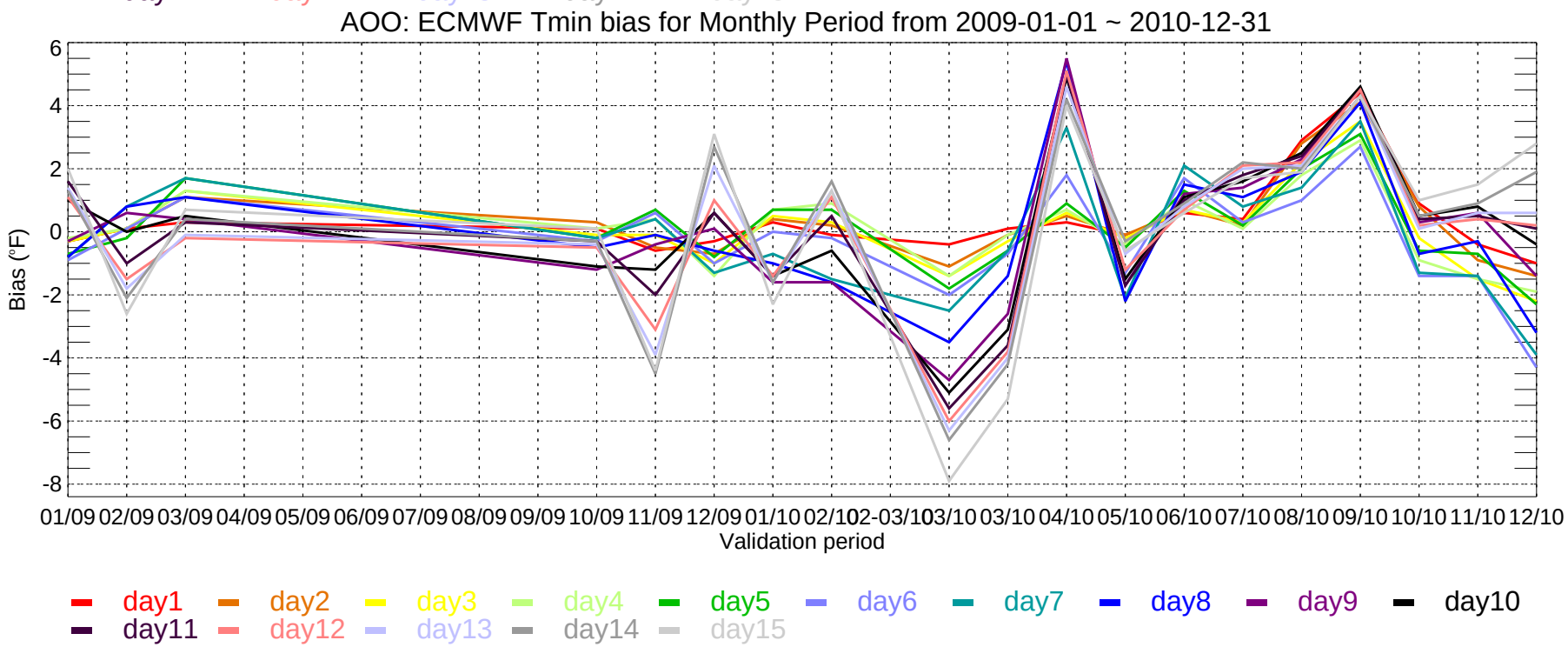

ALW: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

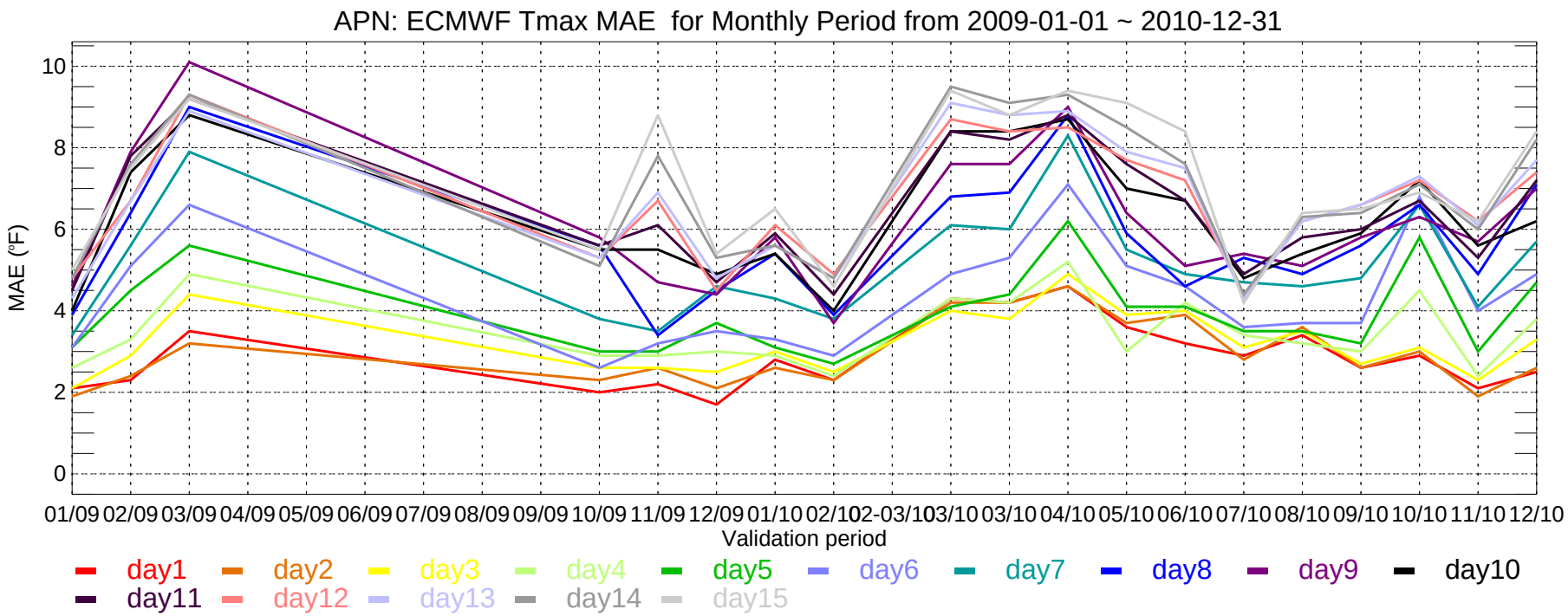

ALW: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

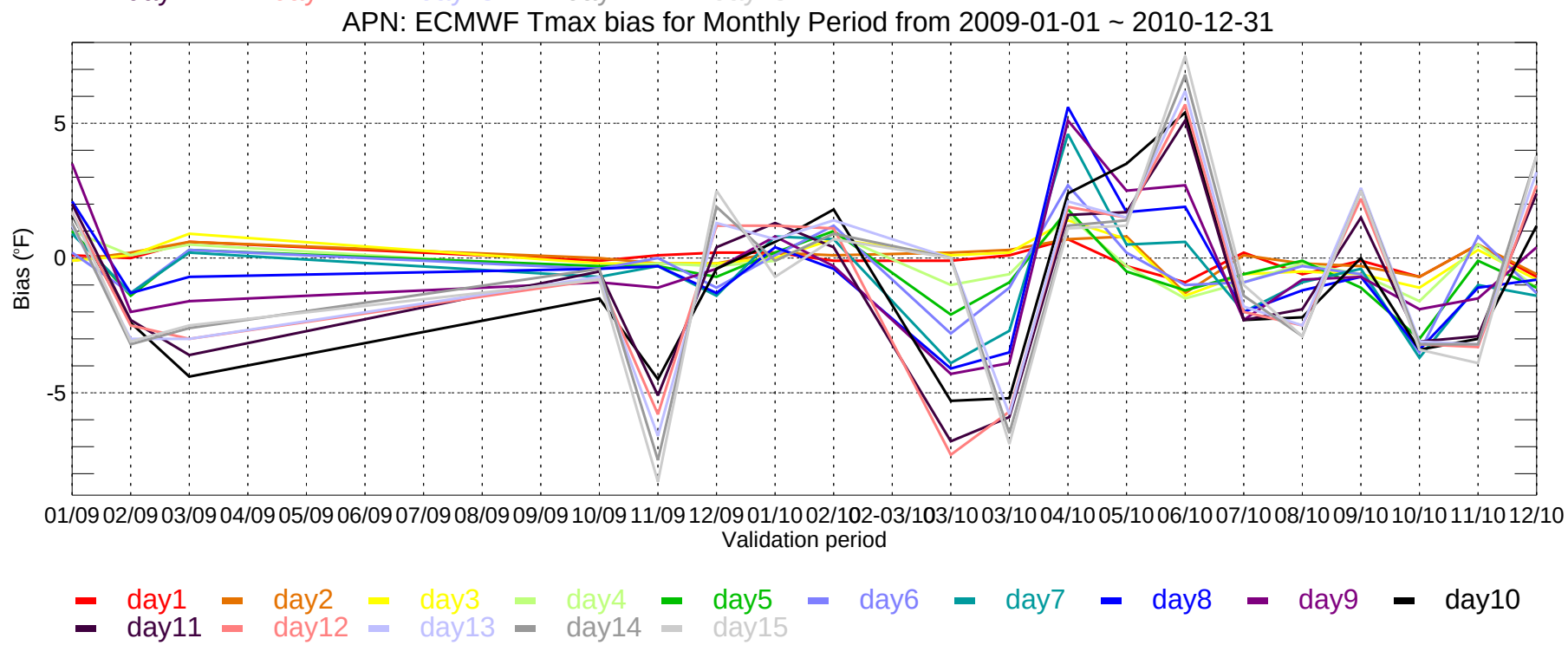

AOO: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

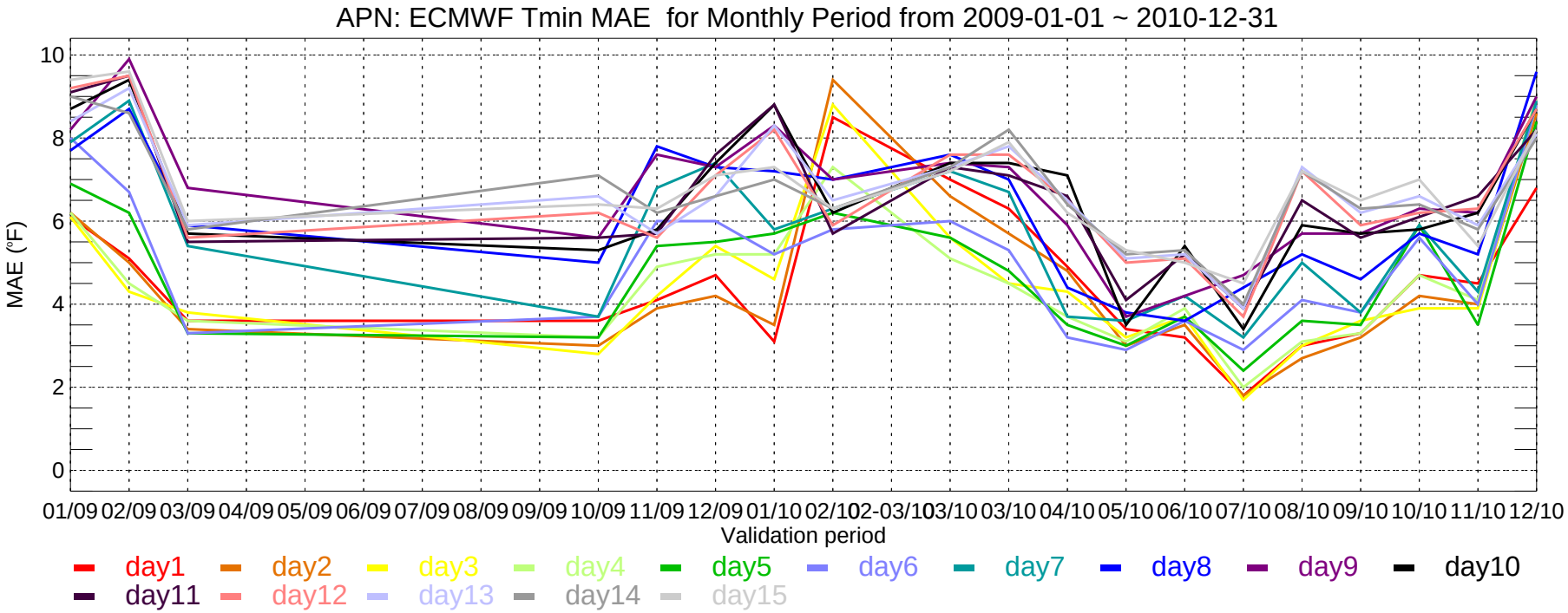

AOO: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-10
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

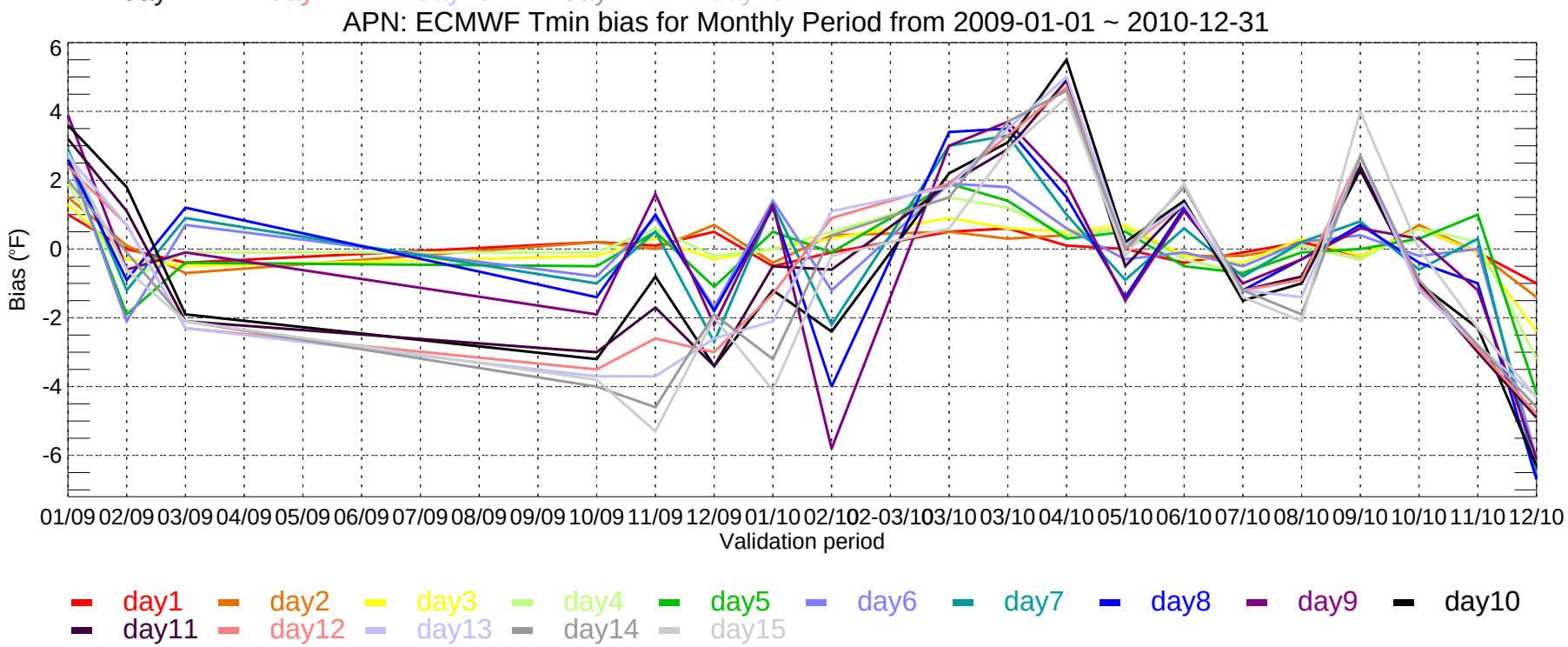

AOO: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

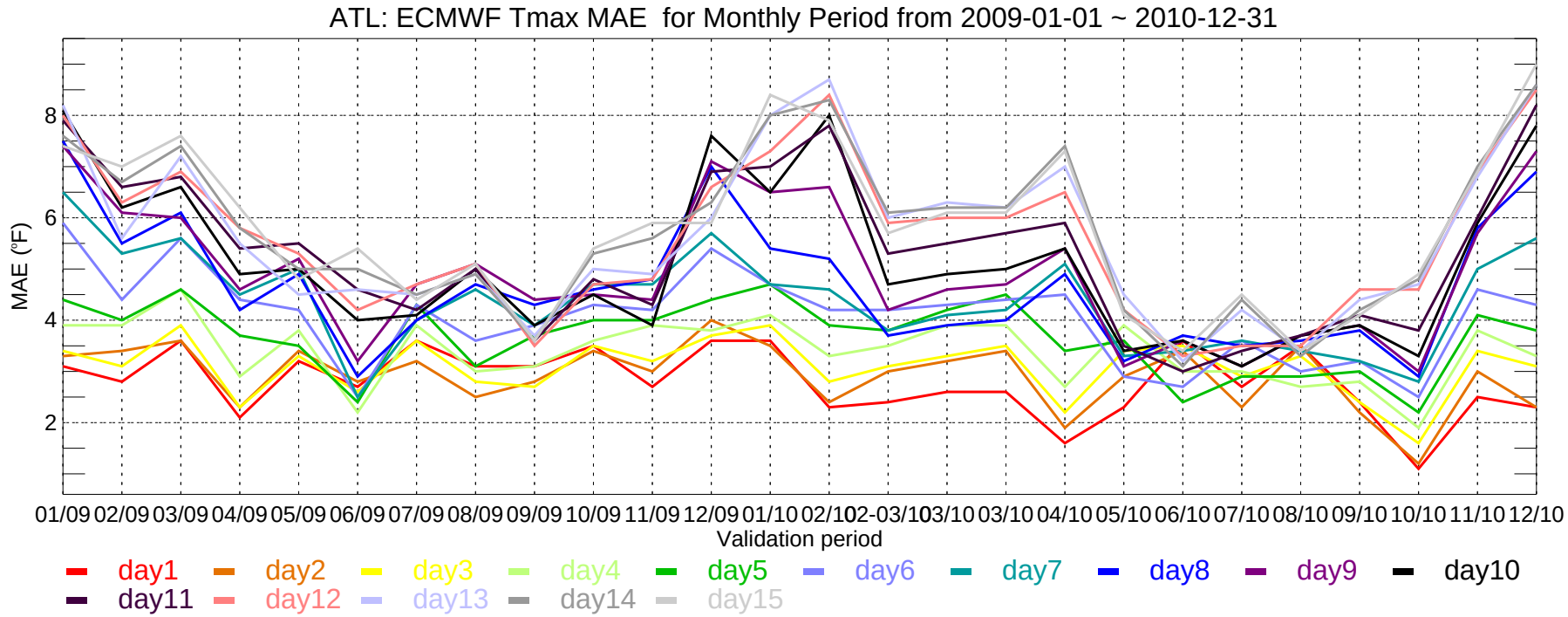

AOO: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

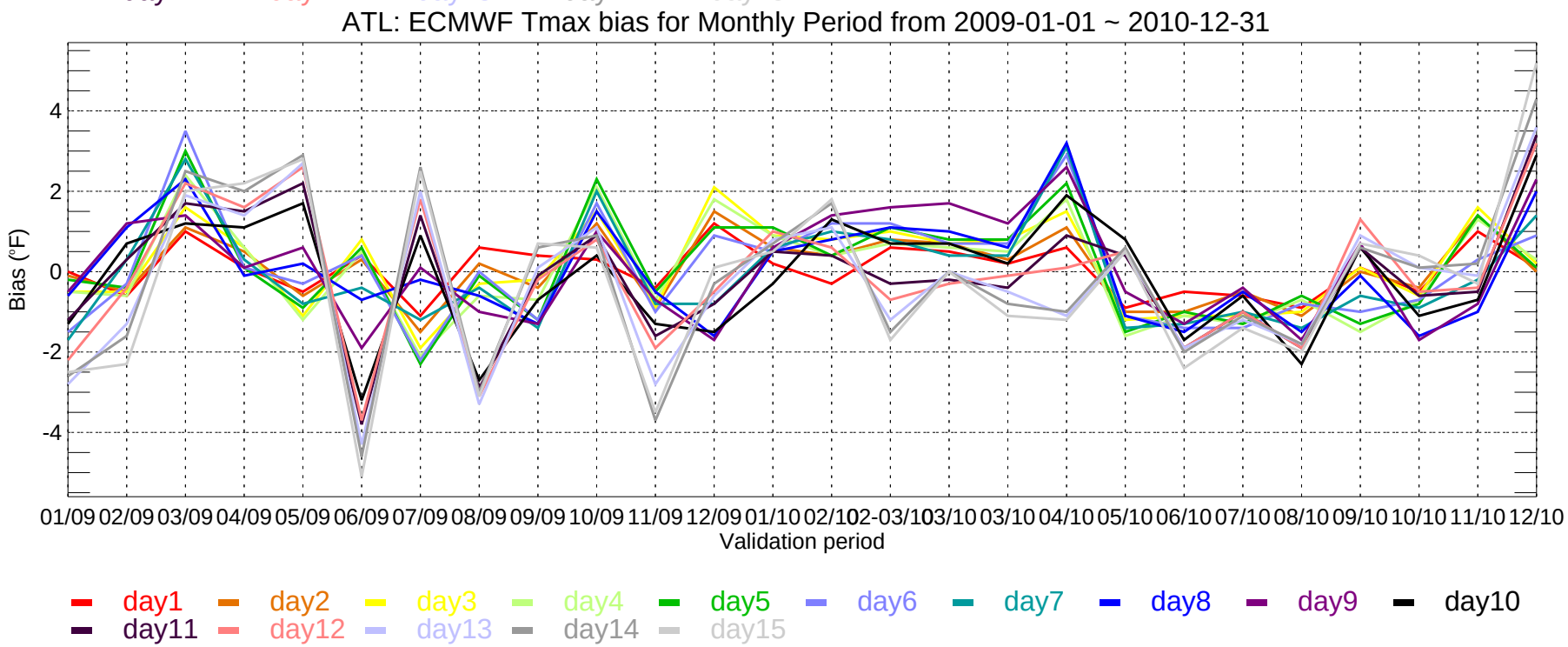

APN: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

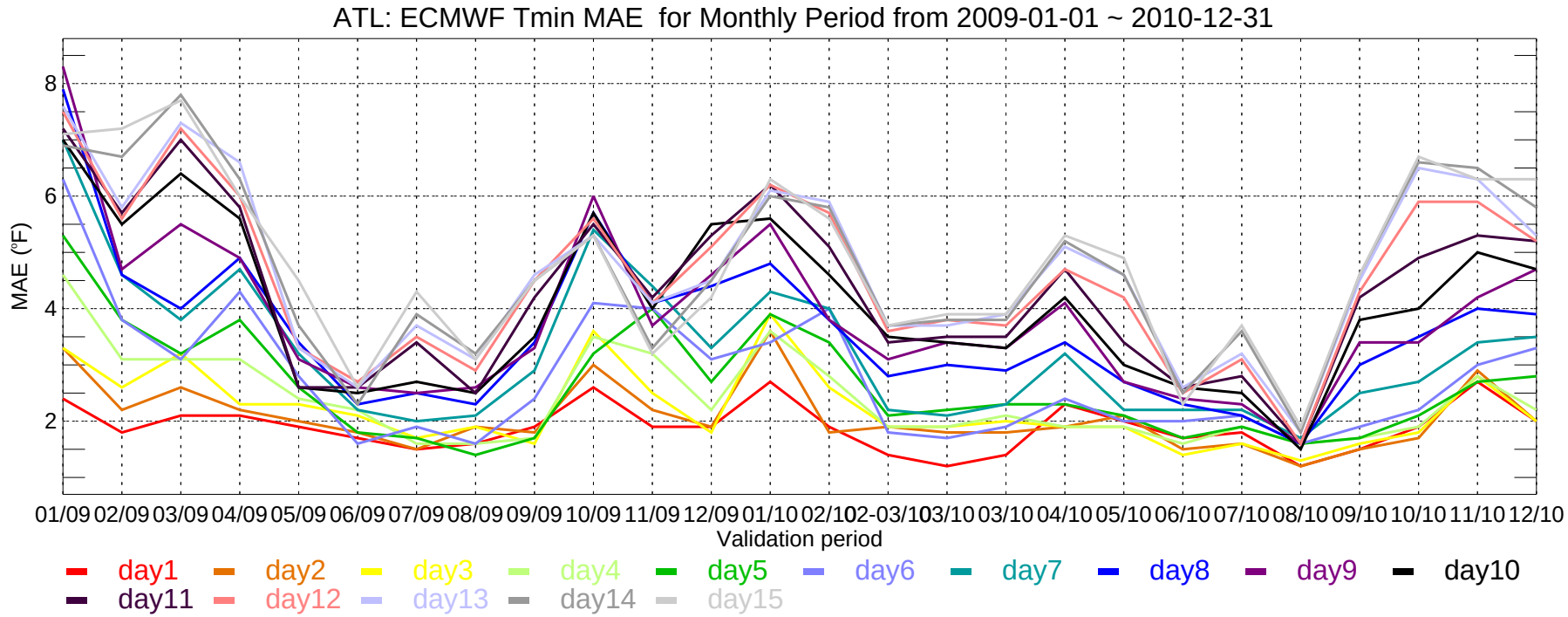

APN: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

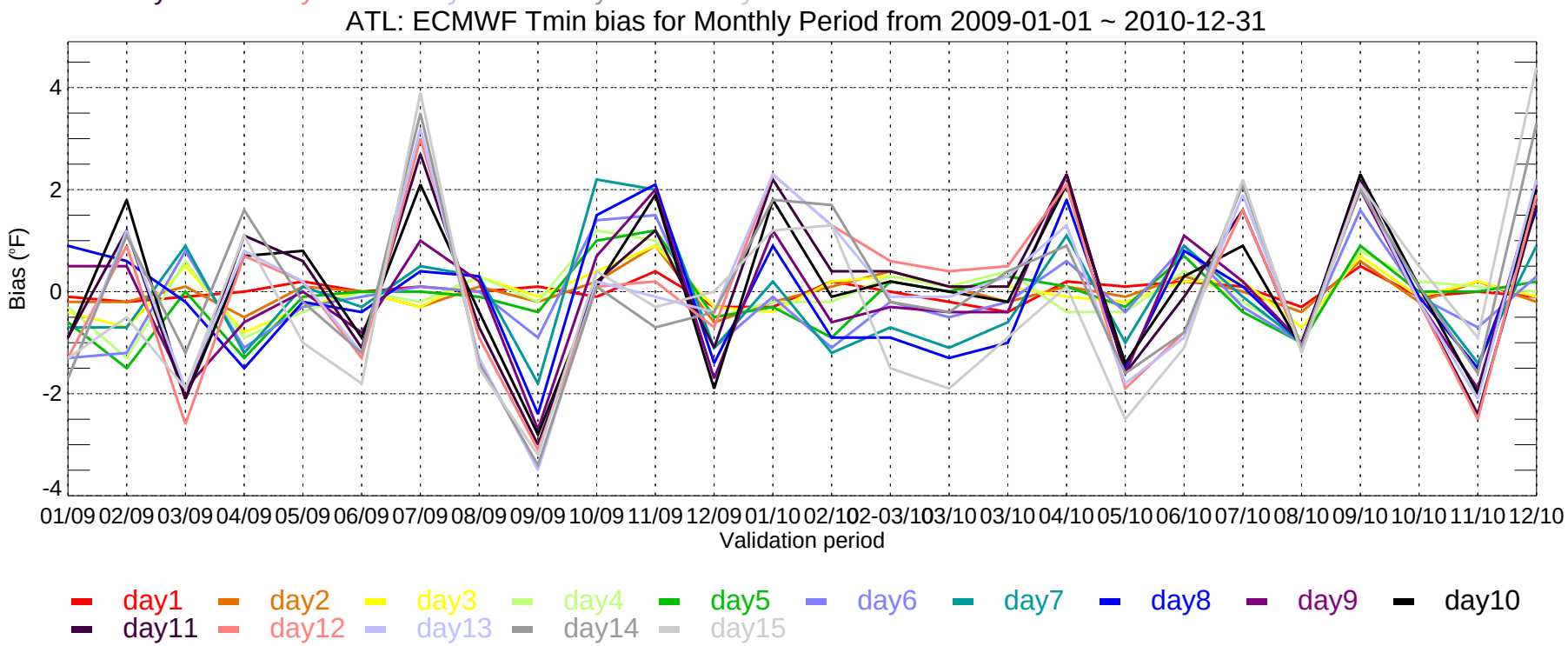

APN: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

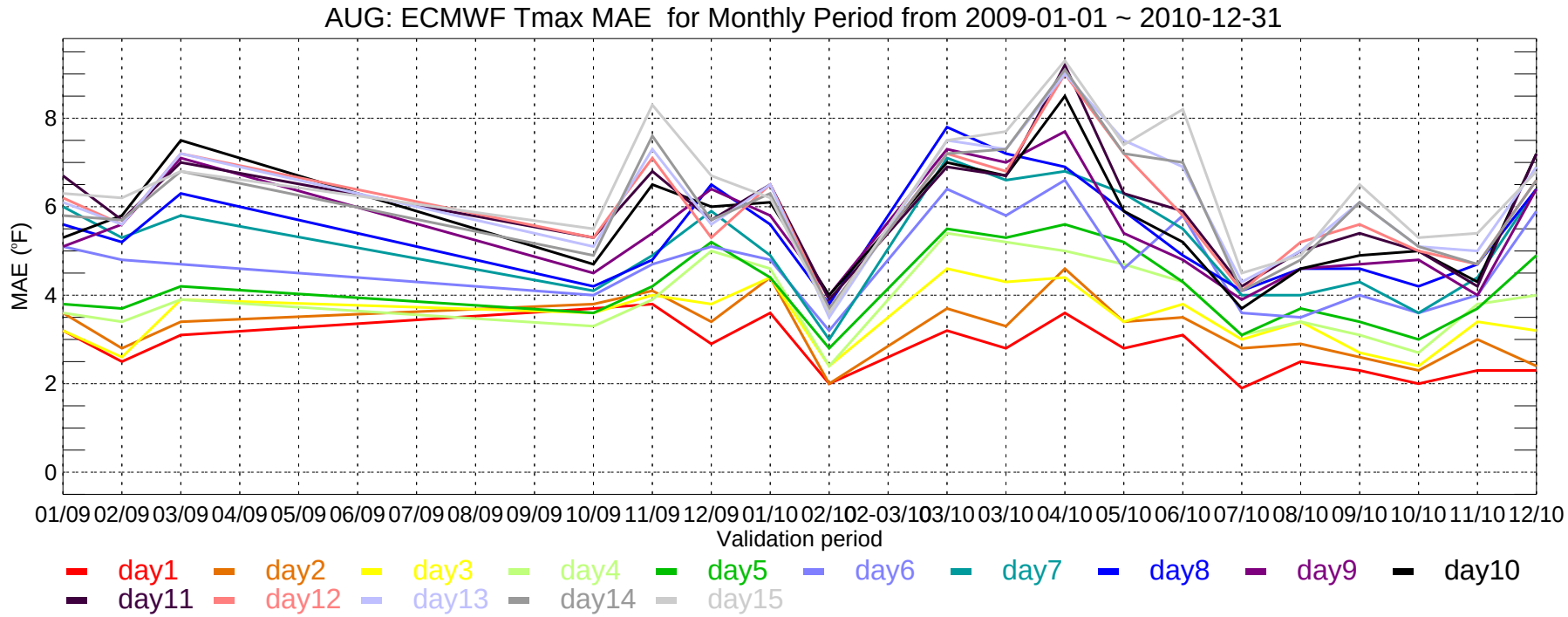

APN: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

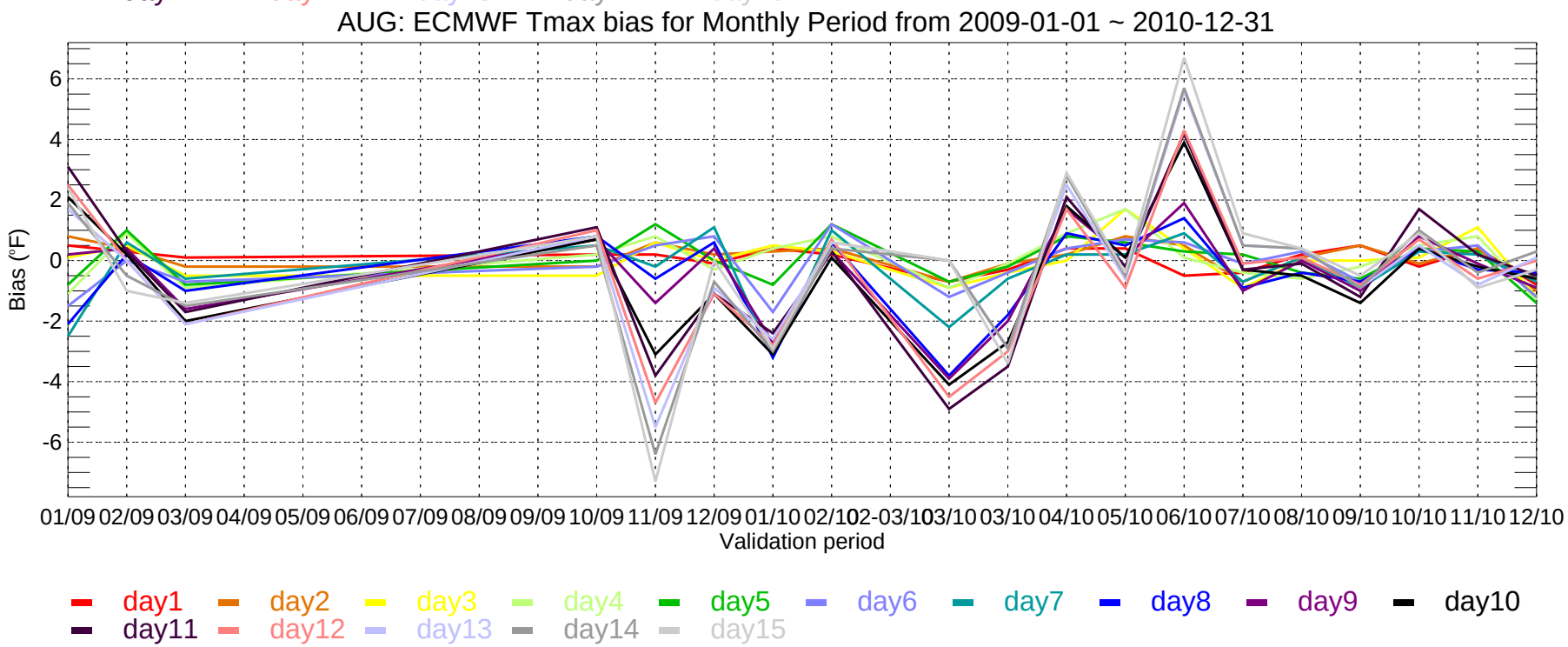

ATL: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

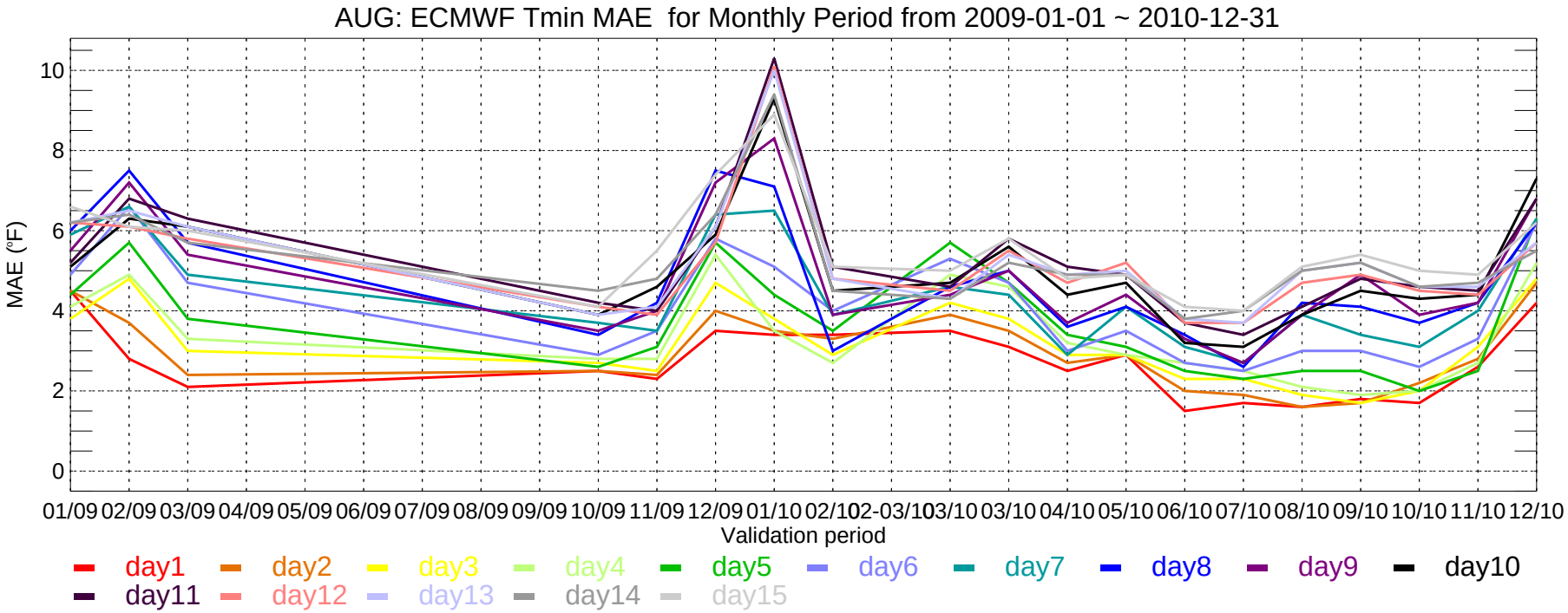

ATL: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

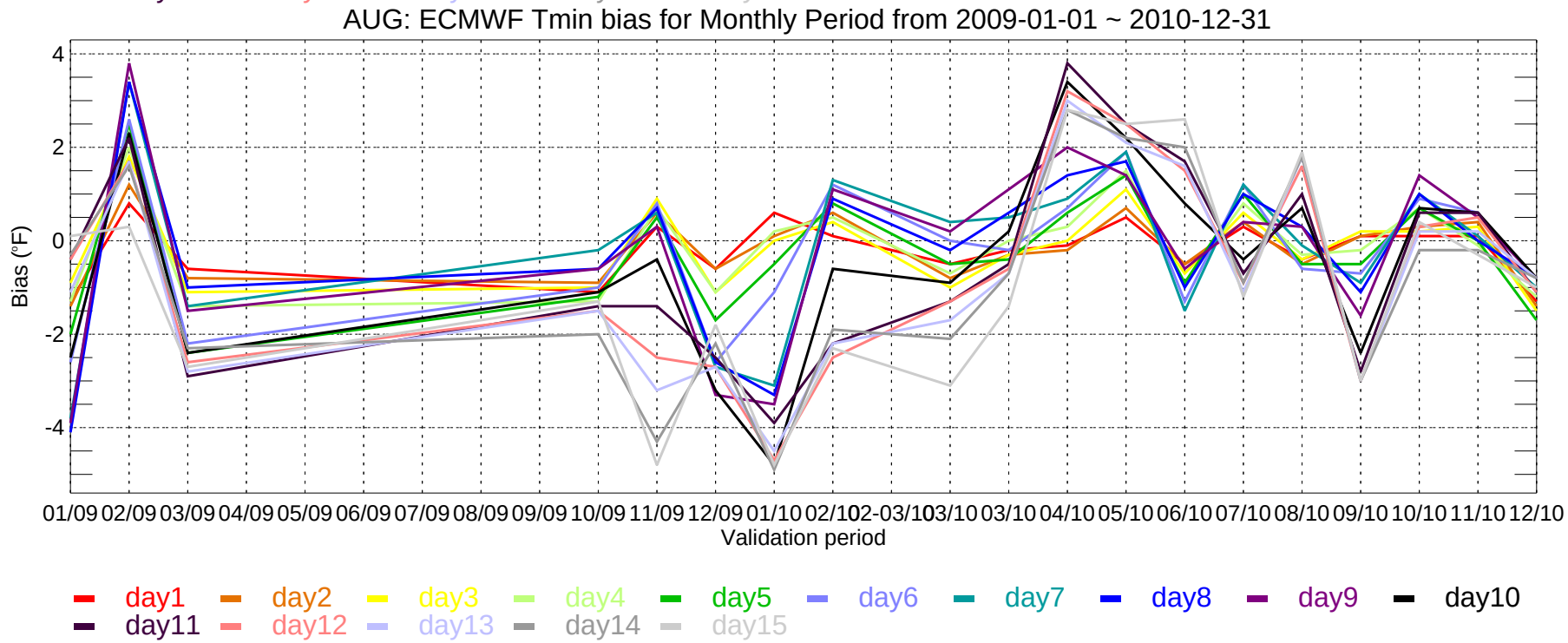

ATL: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

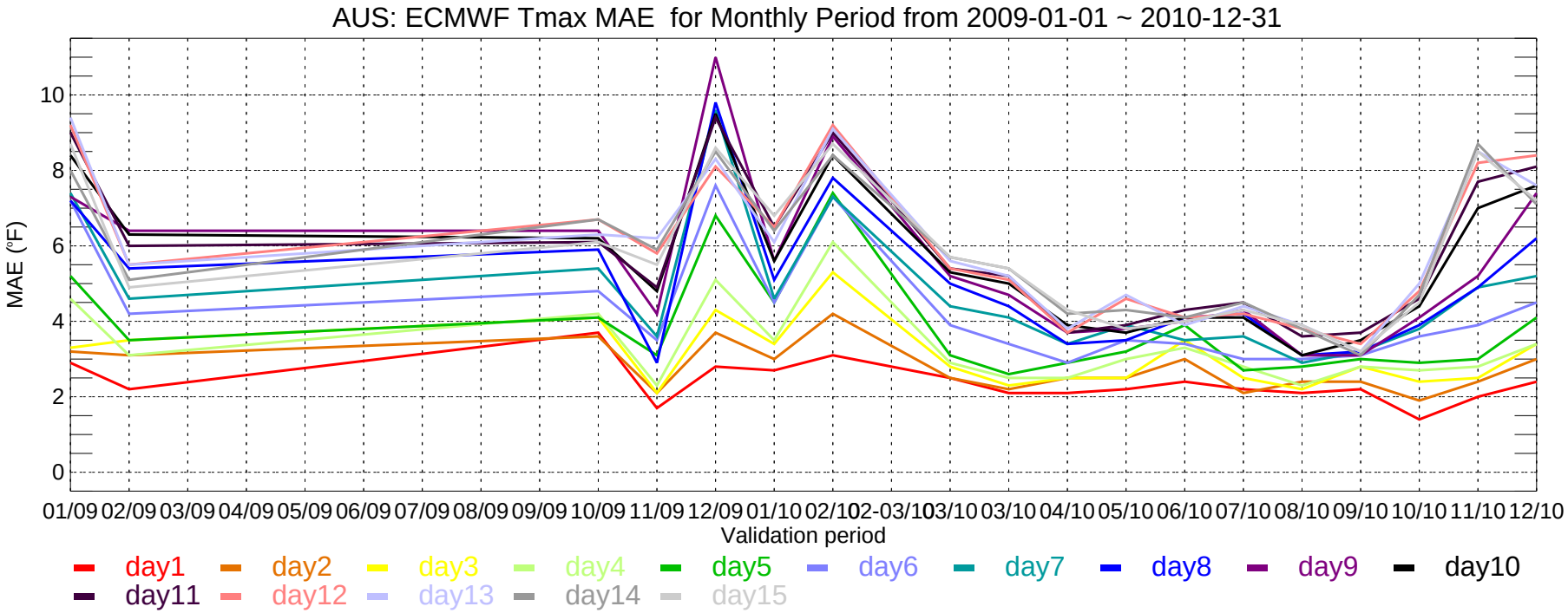

ATL: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

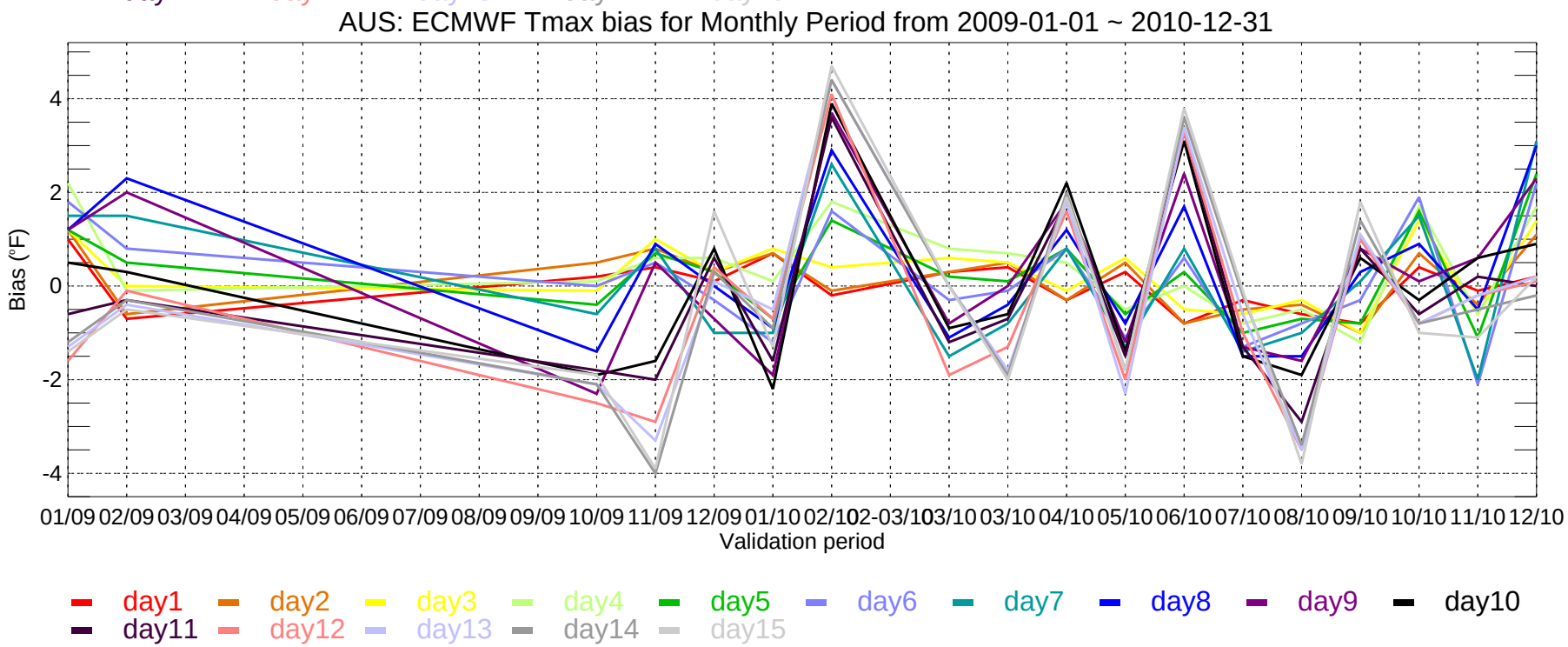

AUG: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

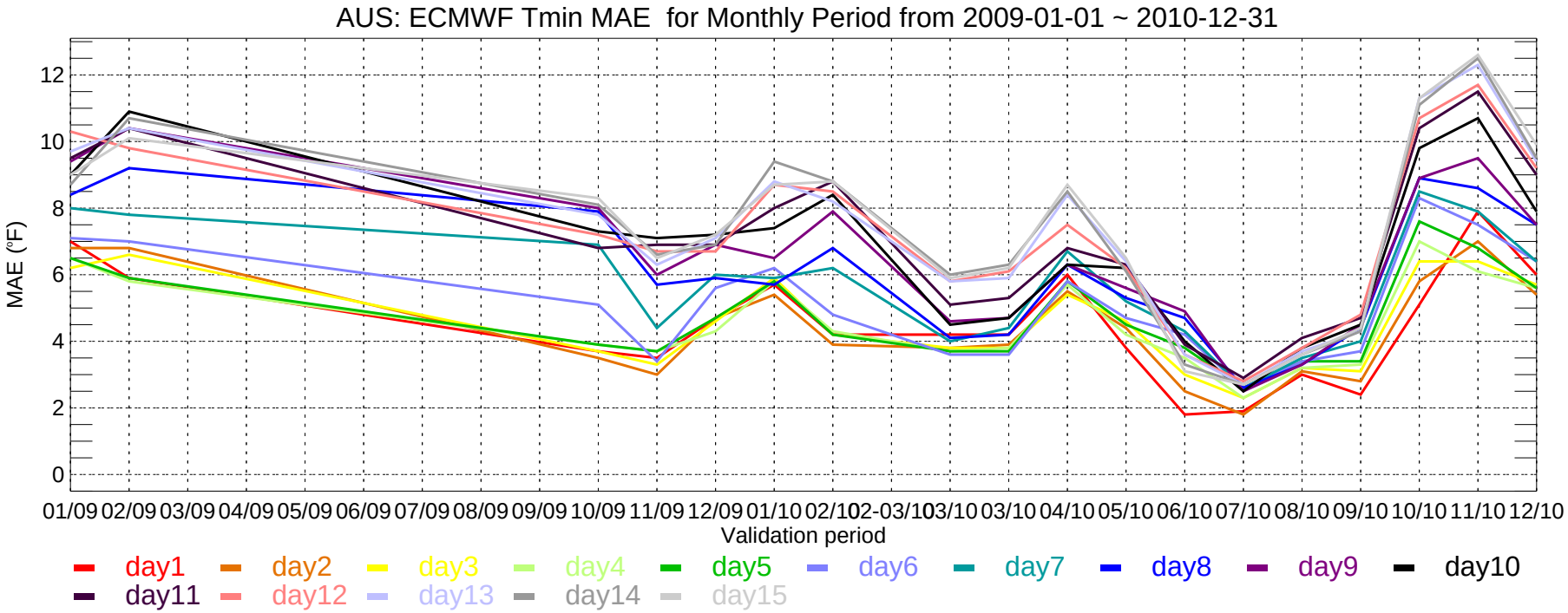

AUG: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

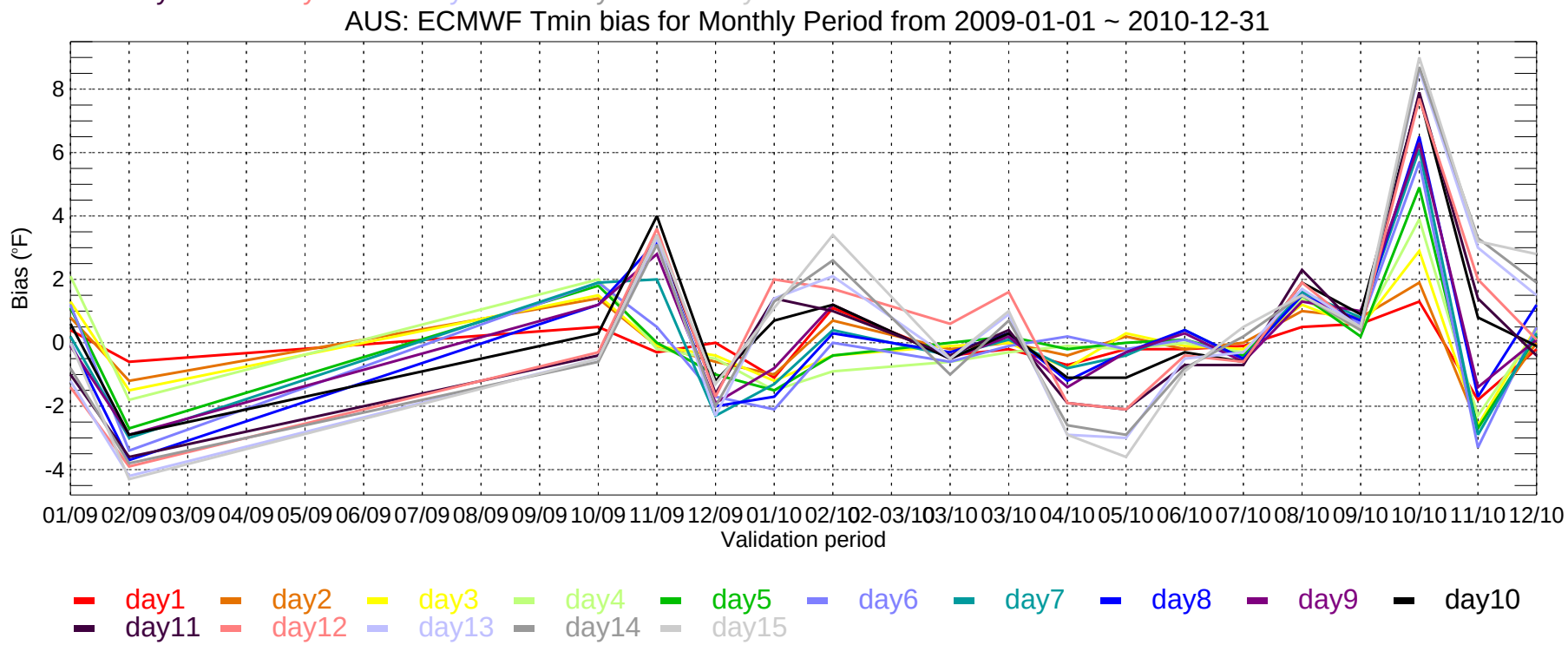

AUG: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

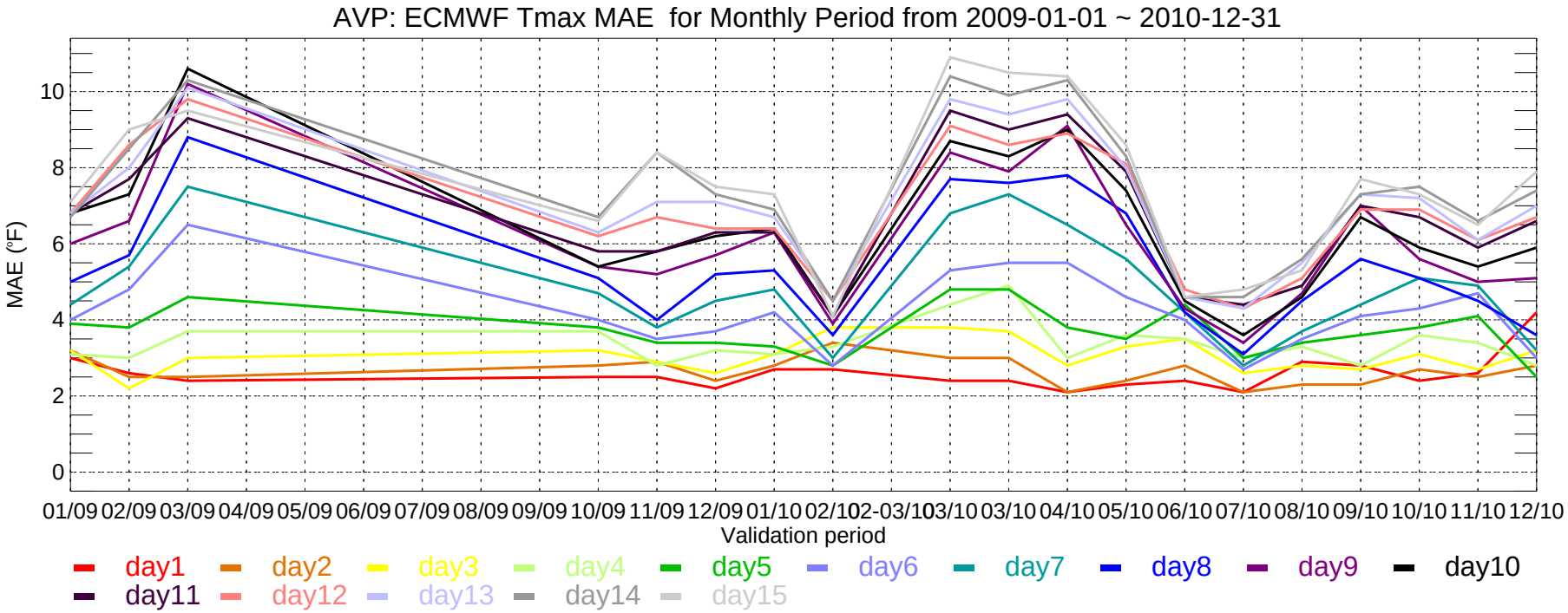

AUG: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

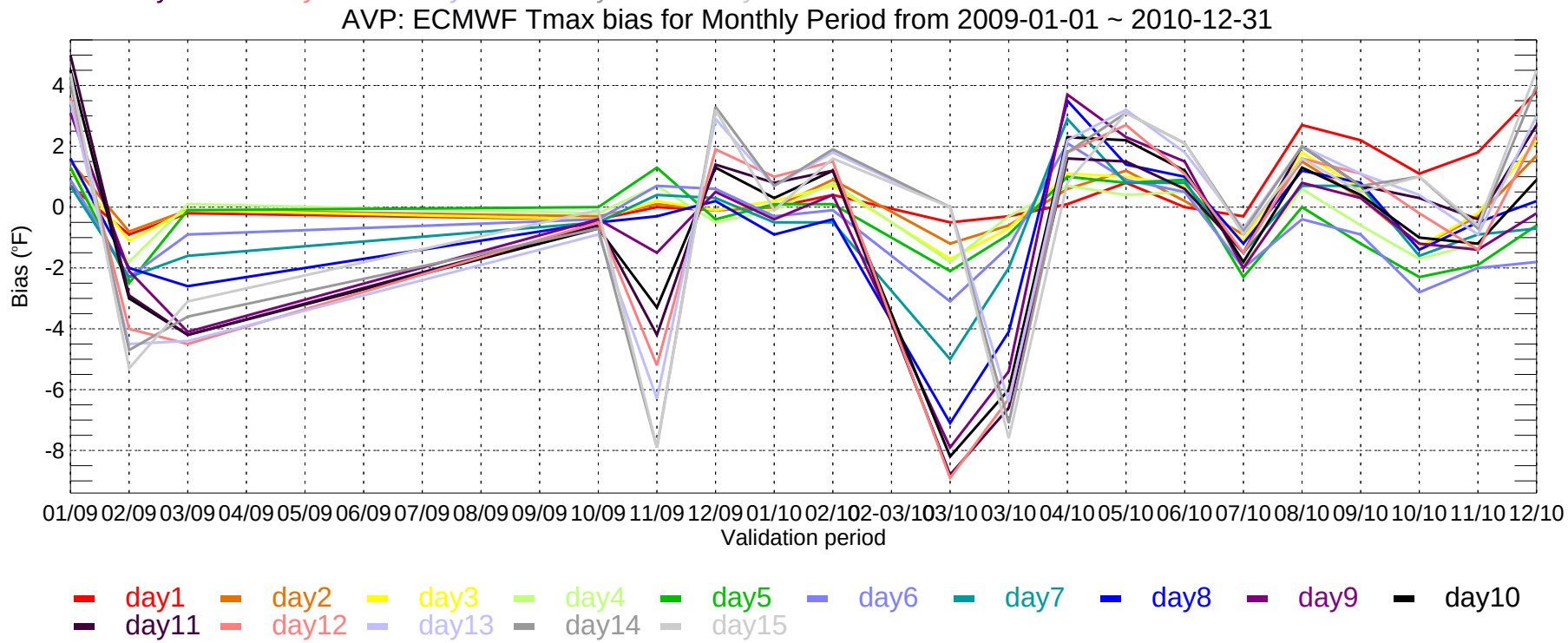

AUS: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

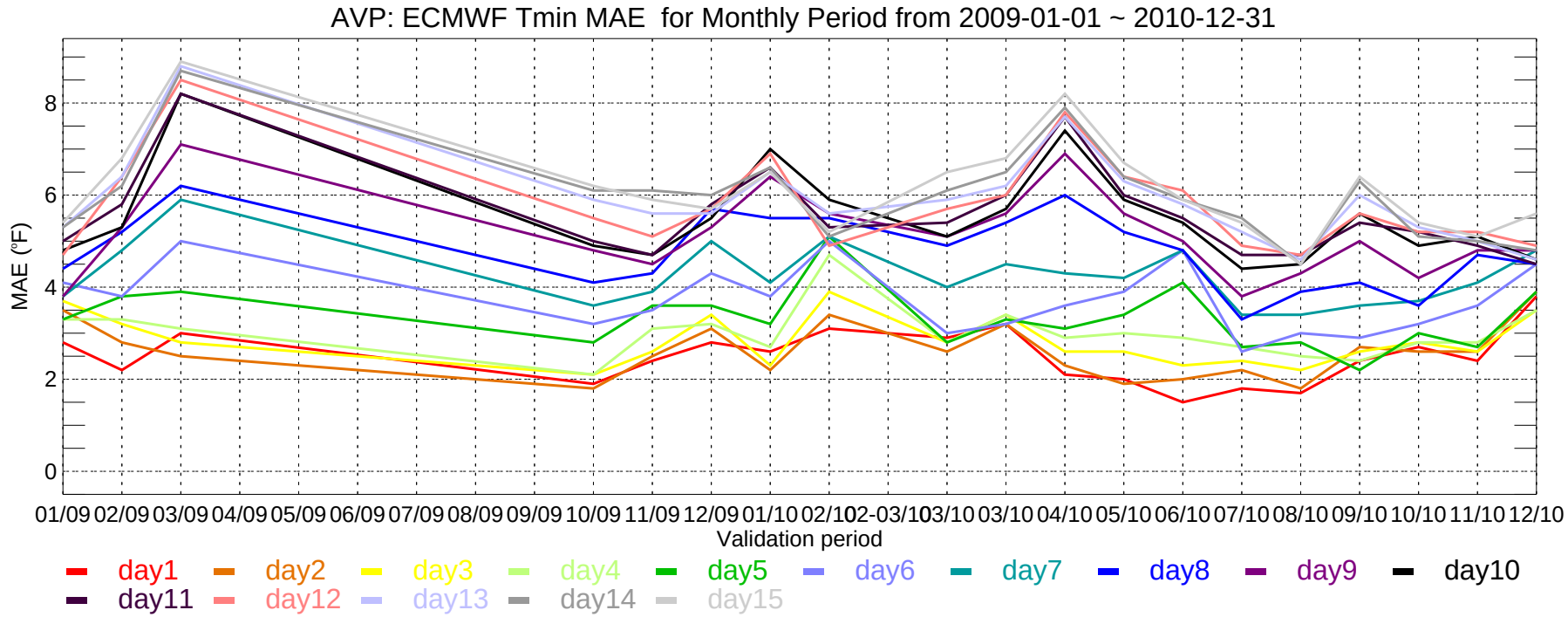

AUS: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

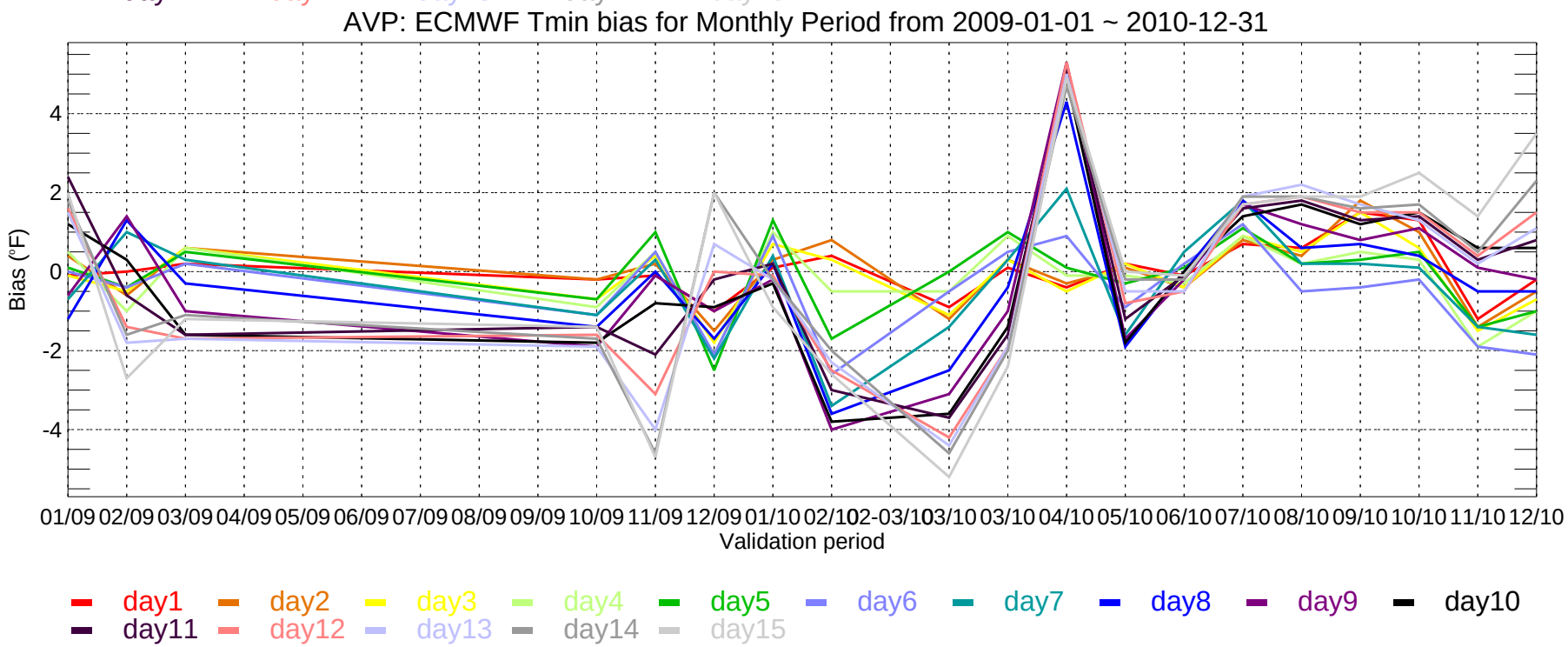

AUS: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

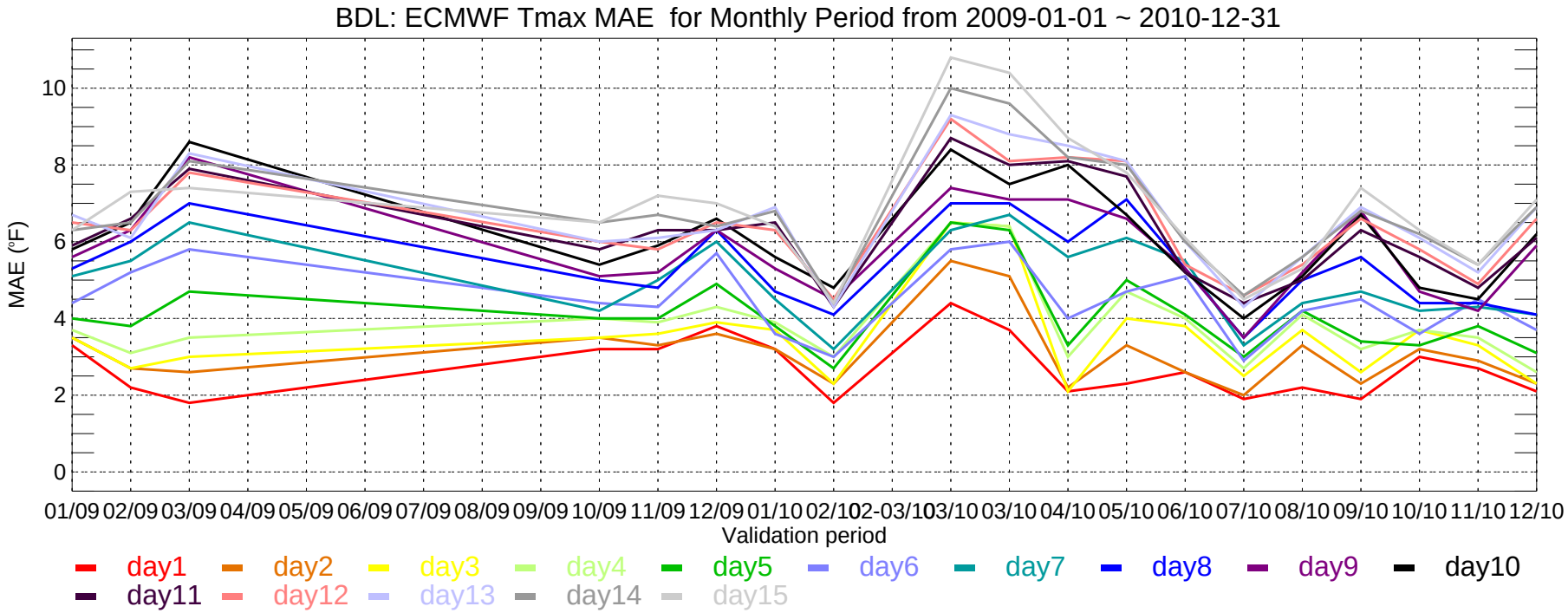

AUS: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

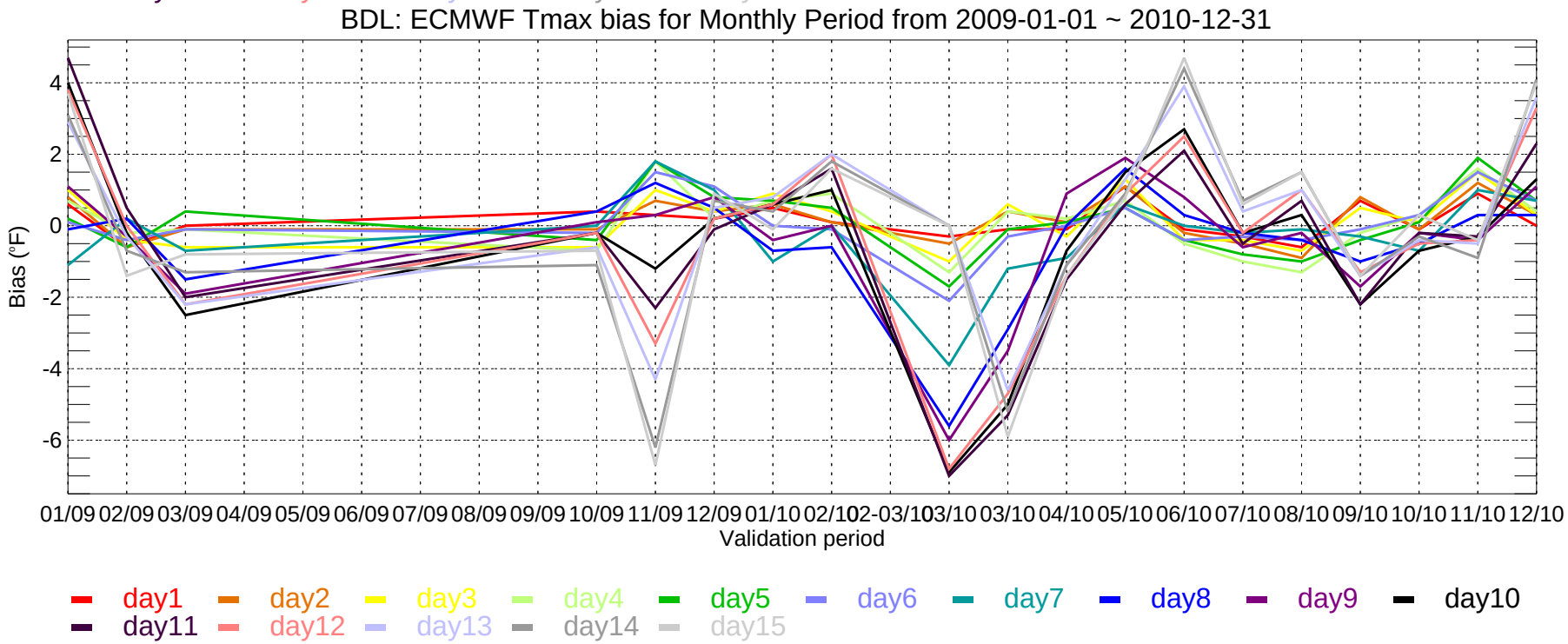

AVP: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

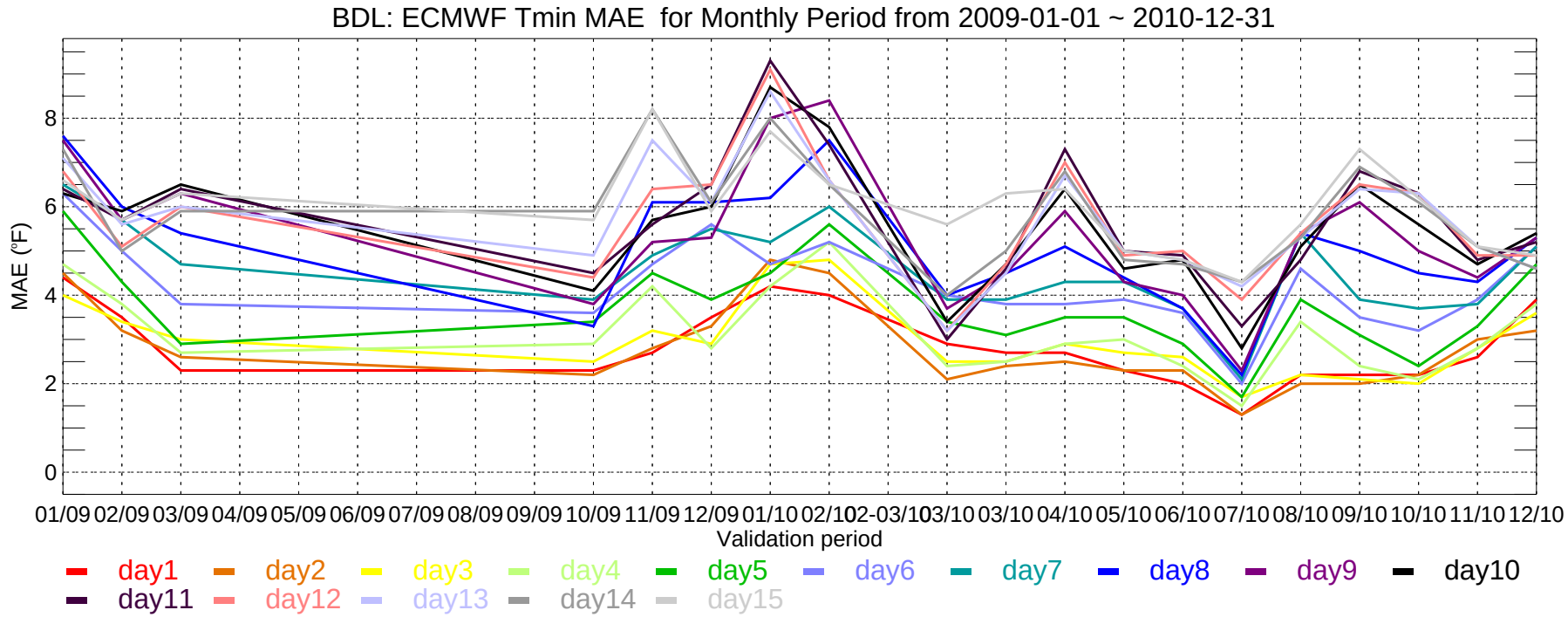

AVP: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

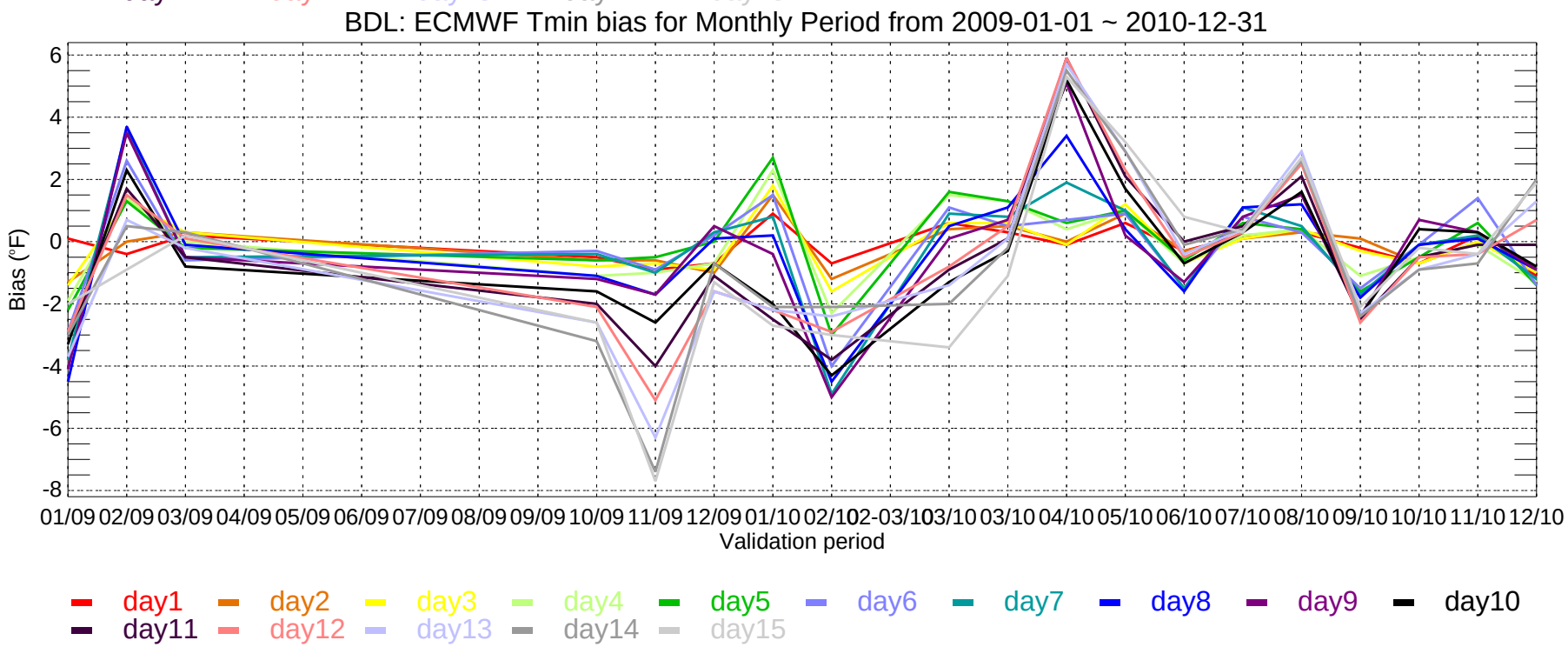

AVP: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

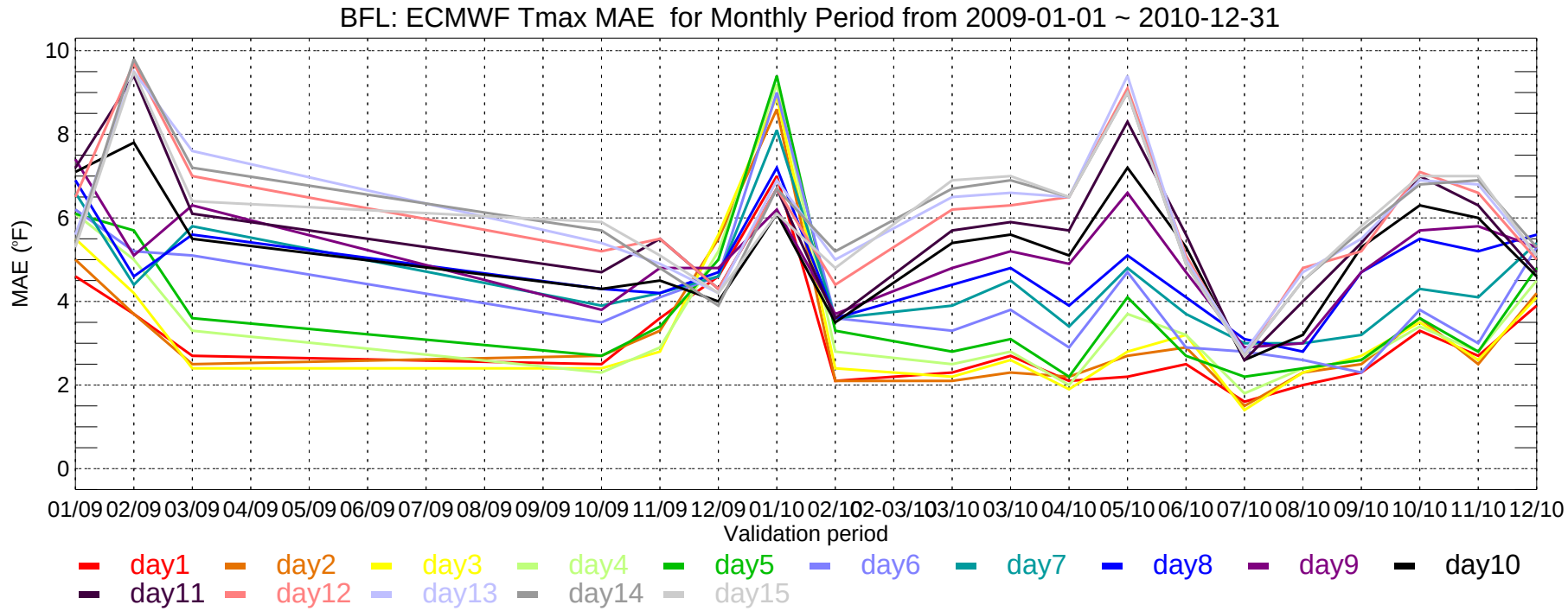

AVP: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

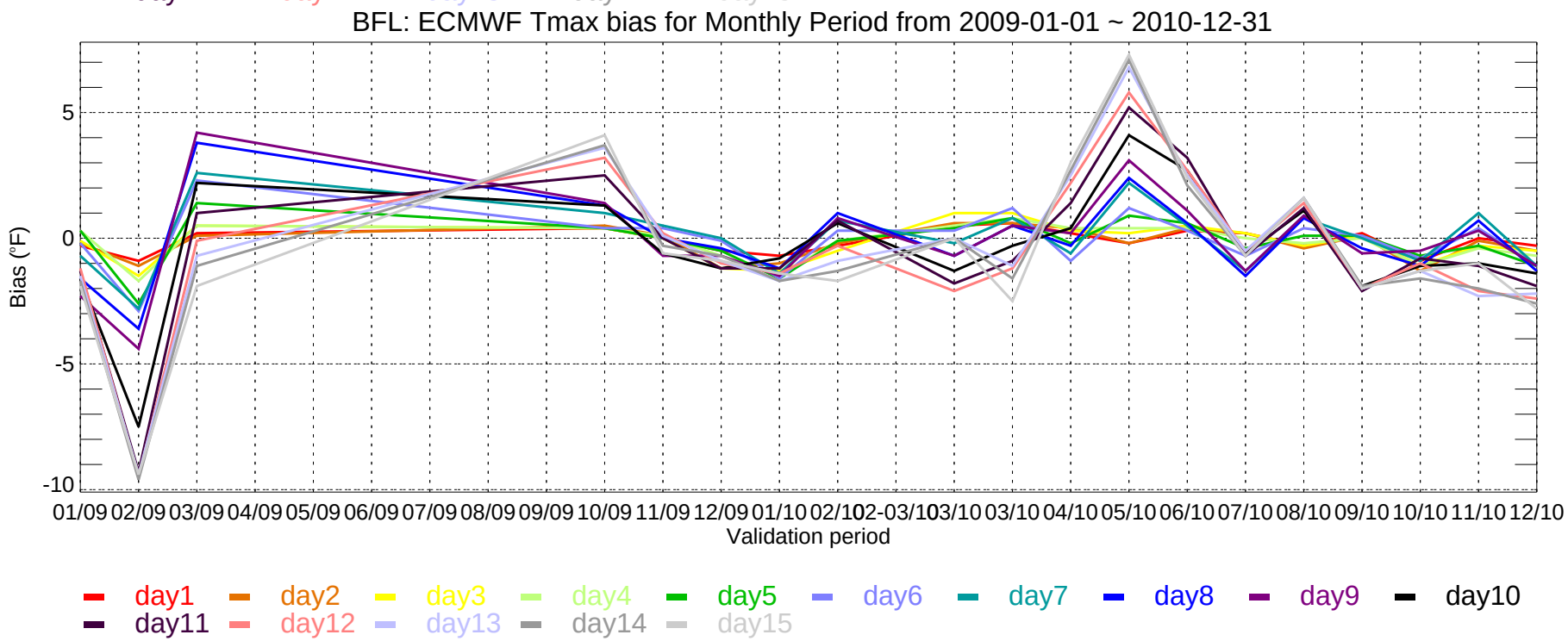

BDL: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

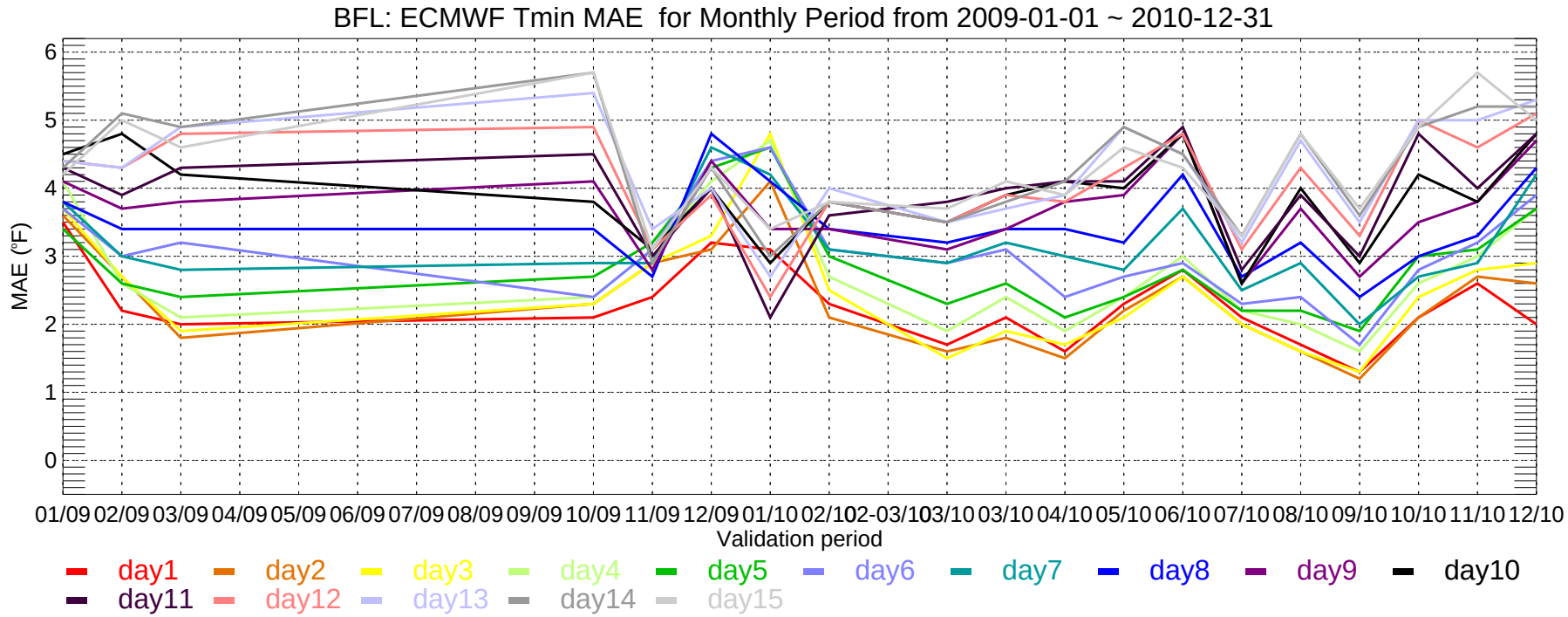

BDL: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

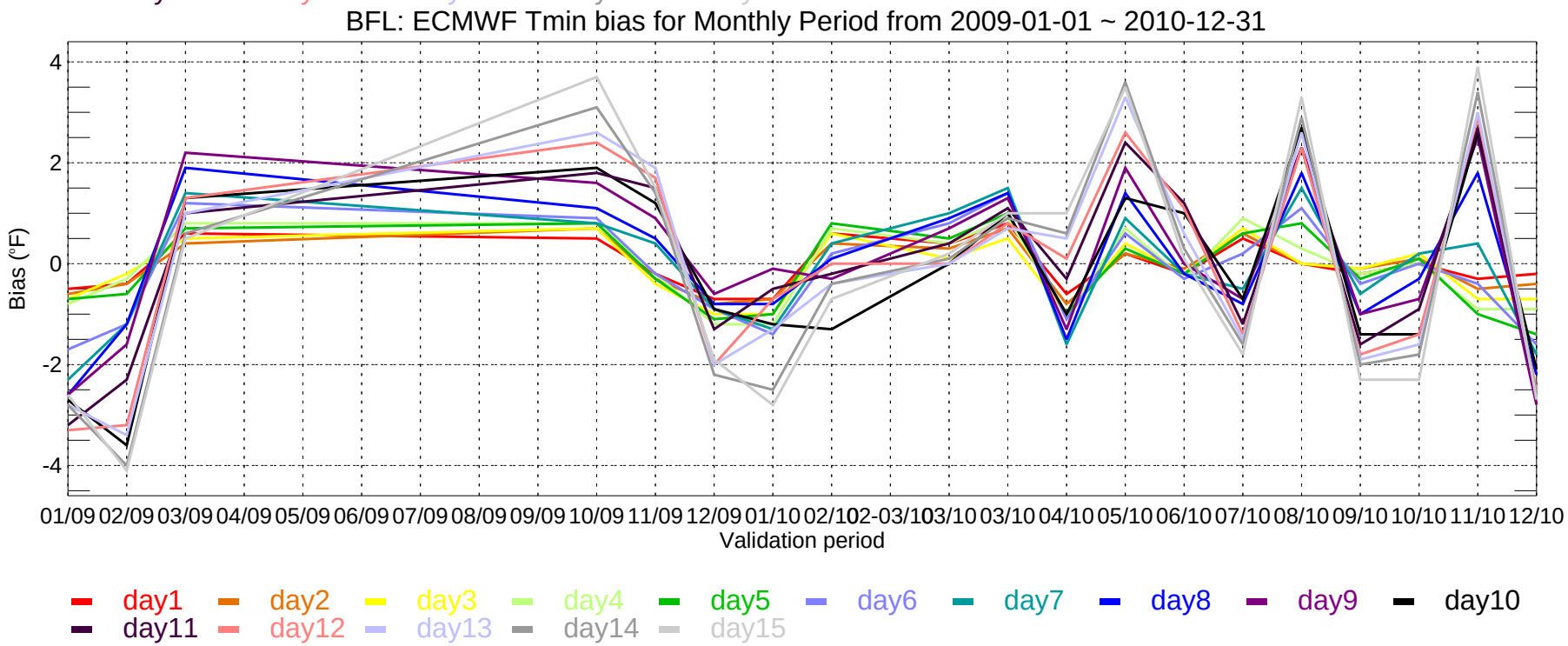

BDL: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

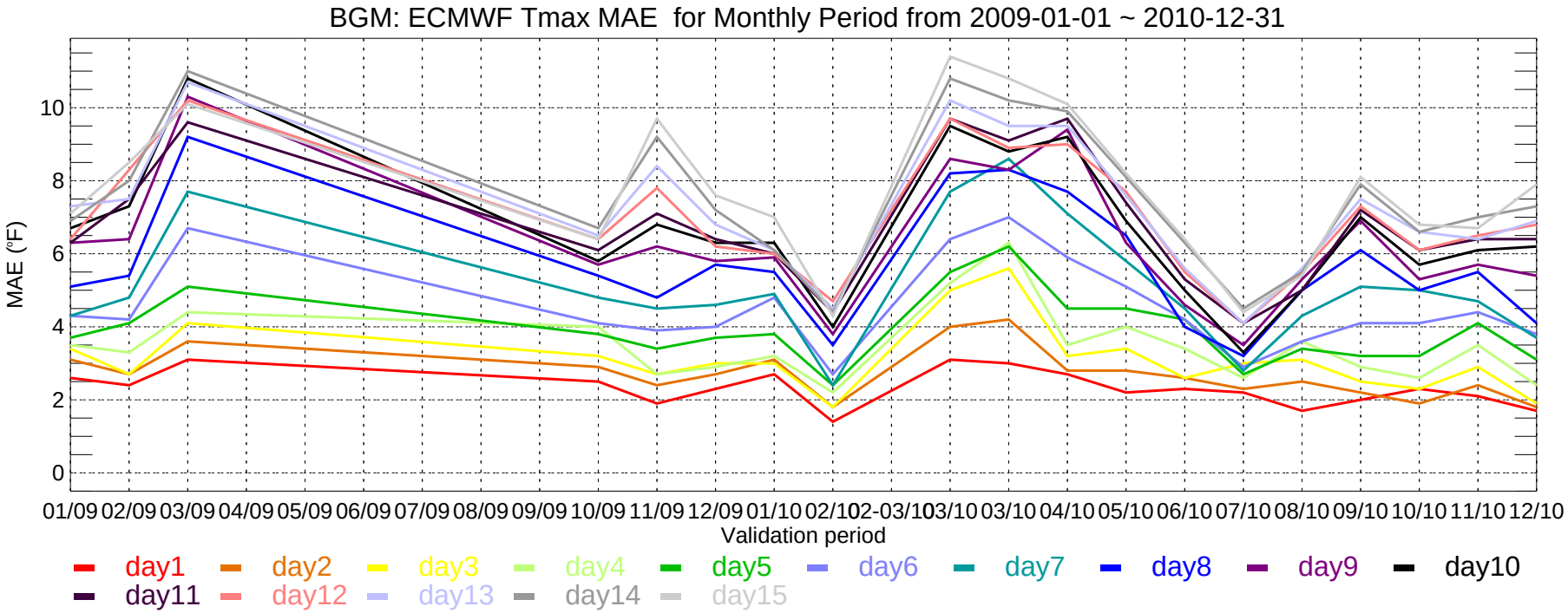

BDL: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

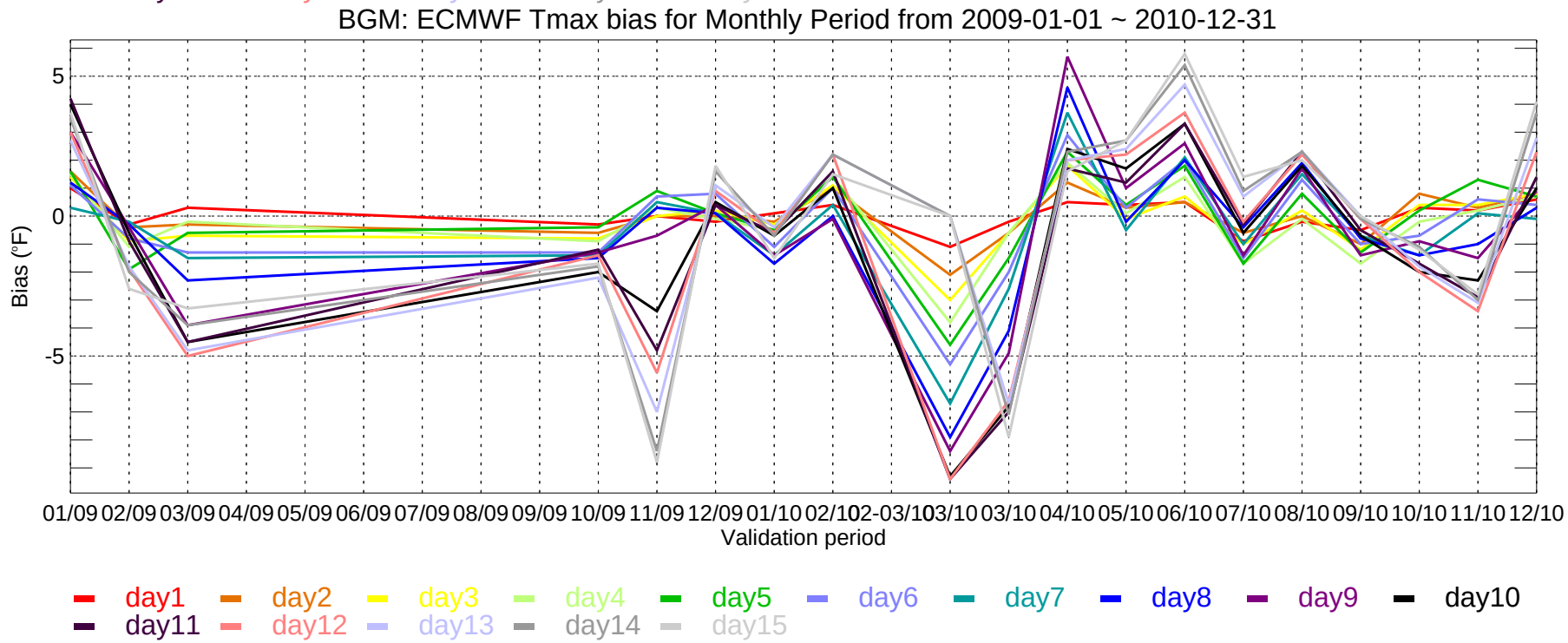

BFL: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

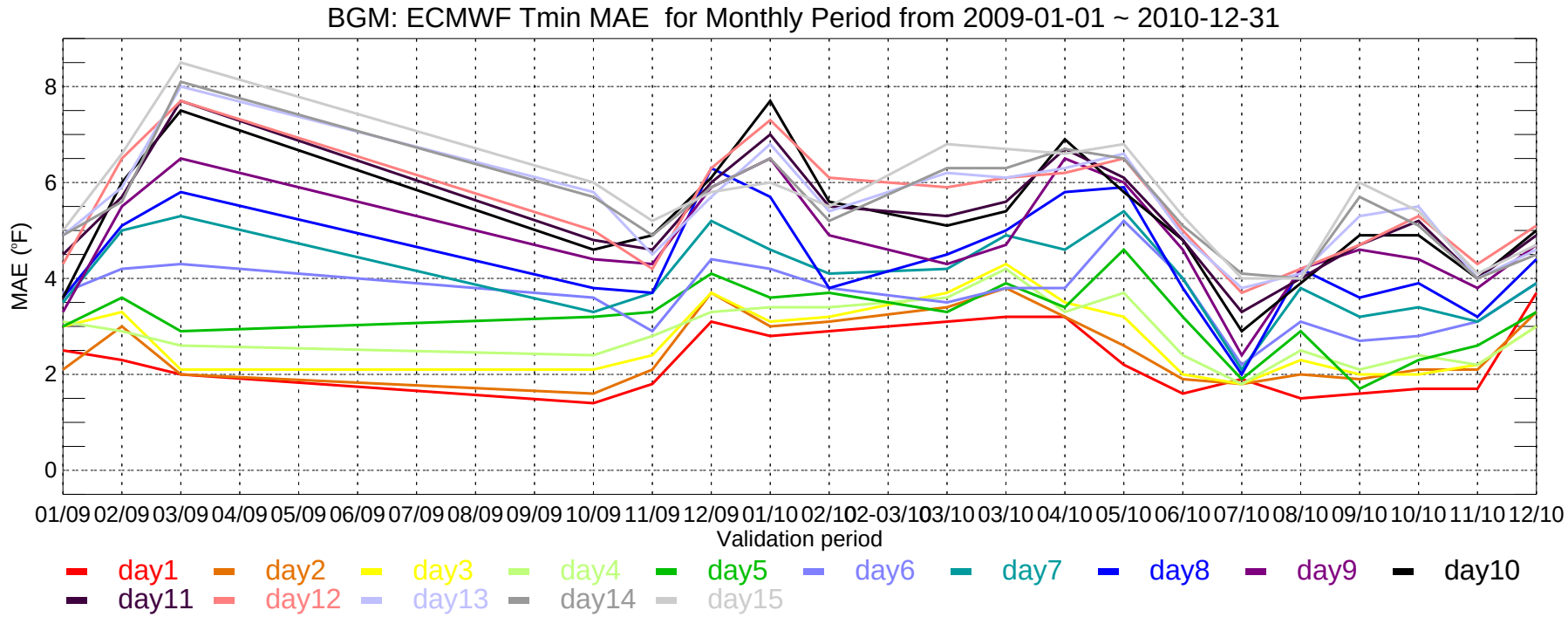

BFL: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

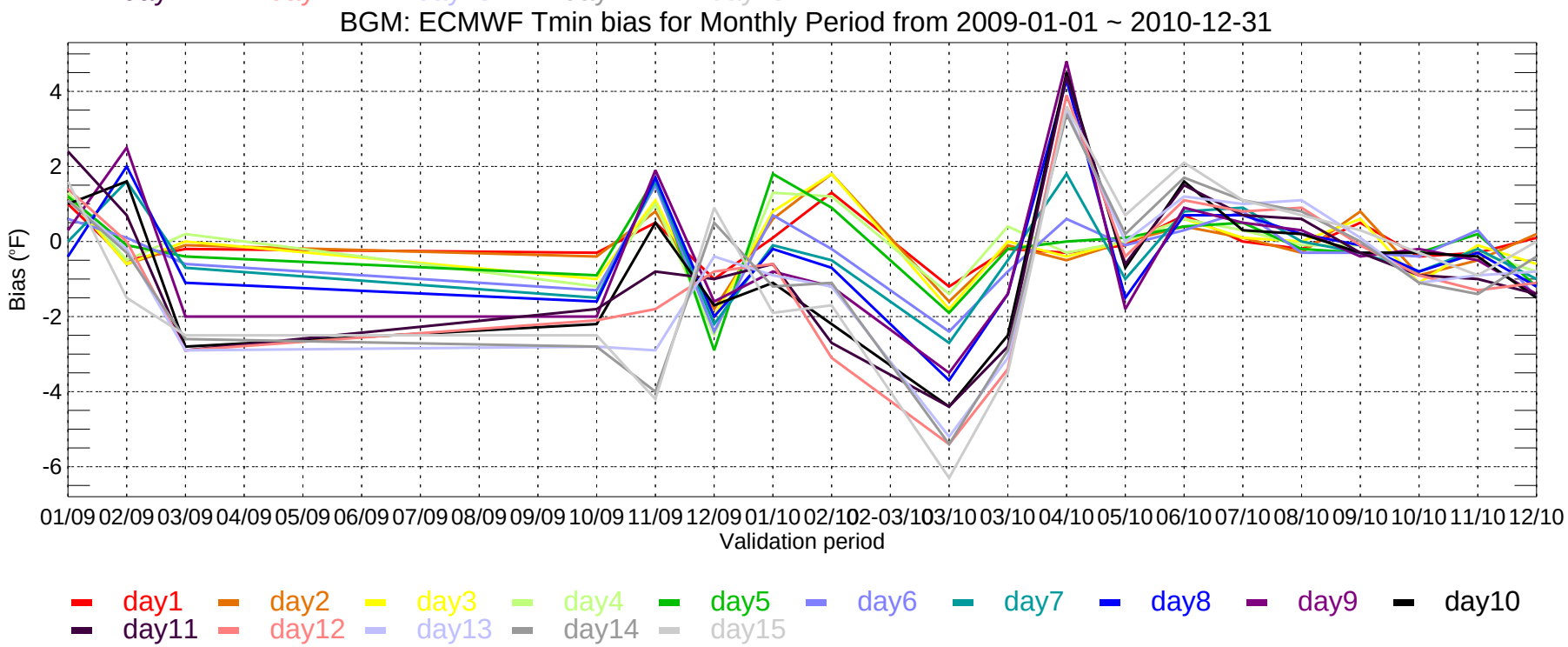

BFL: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
1
2
3
4
5
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

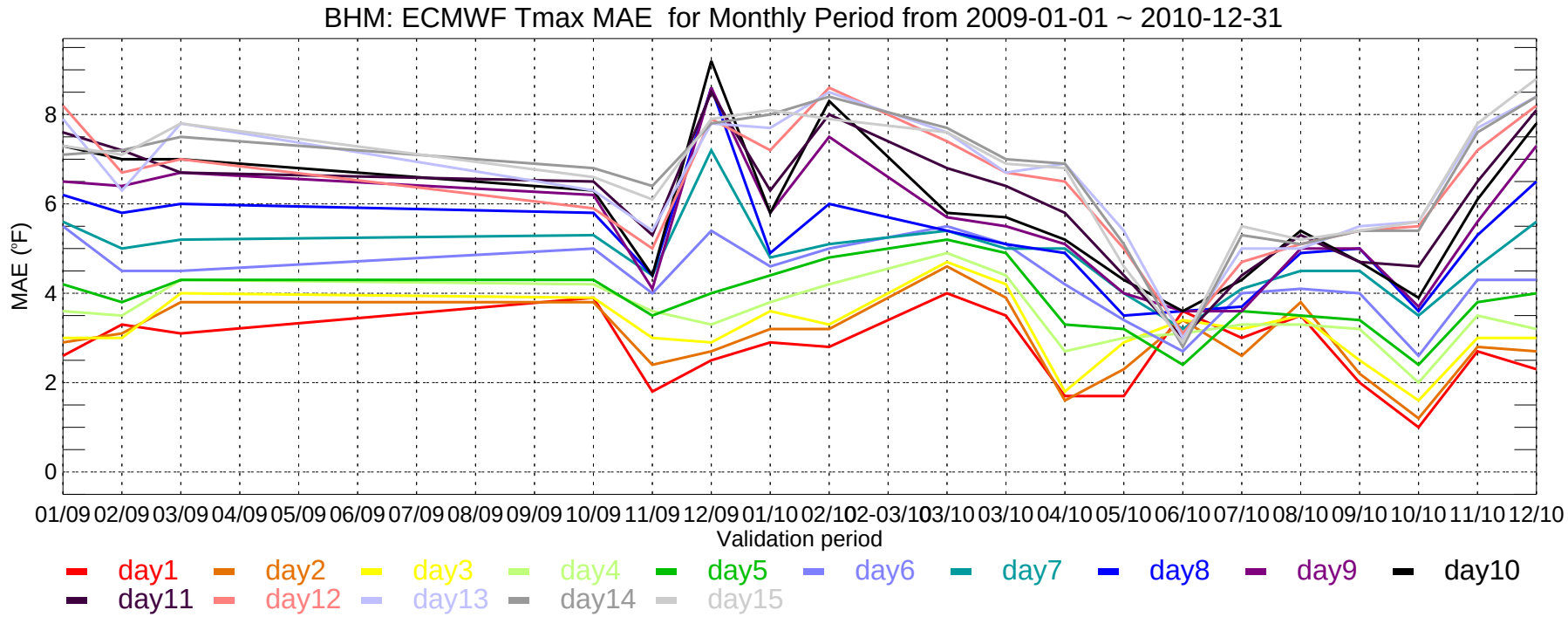

BFL: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

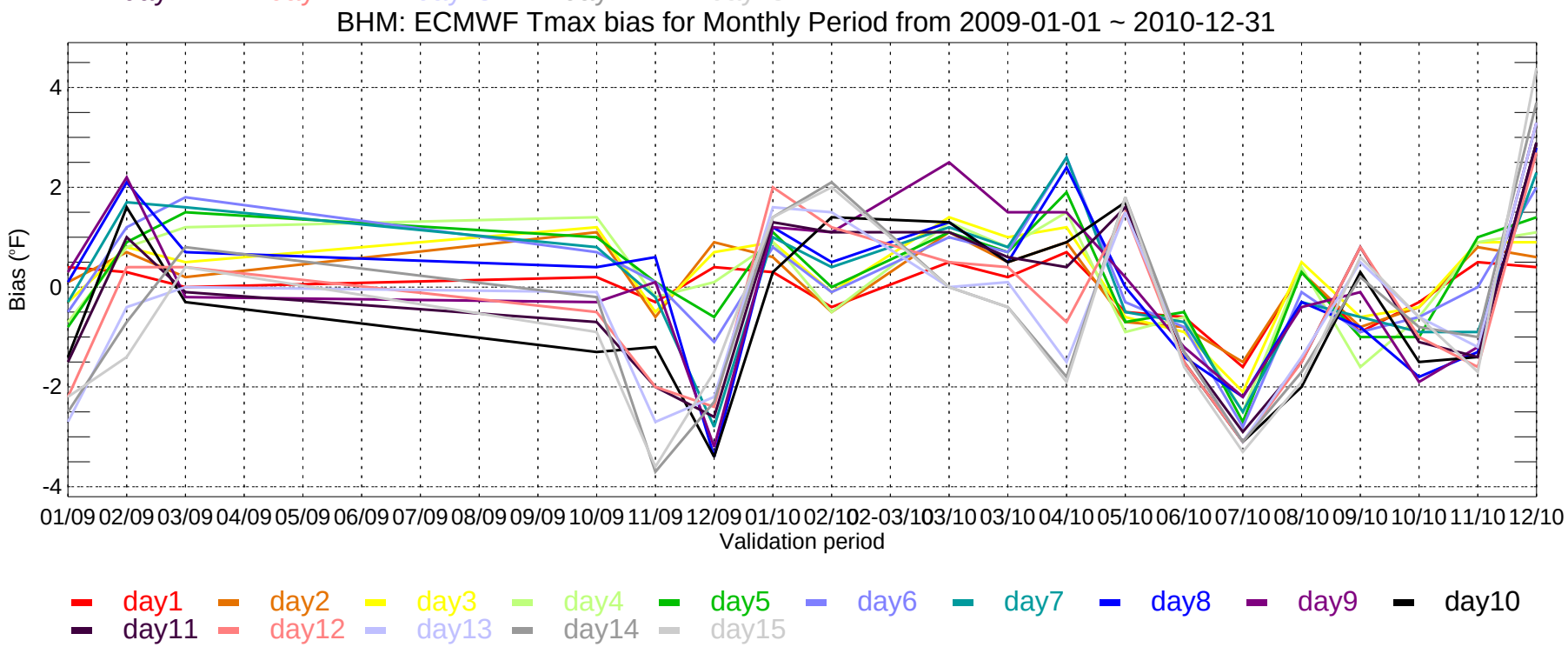

BGM: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

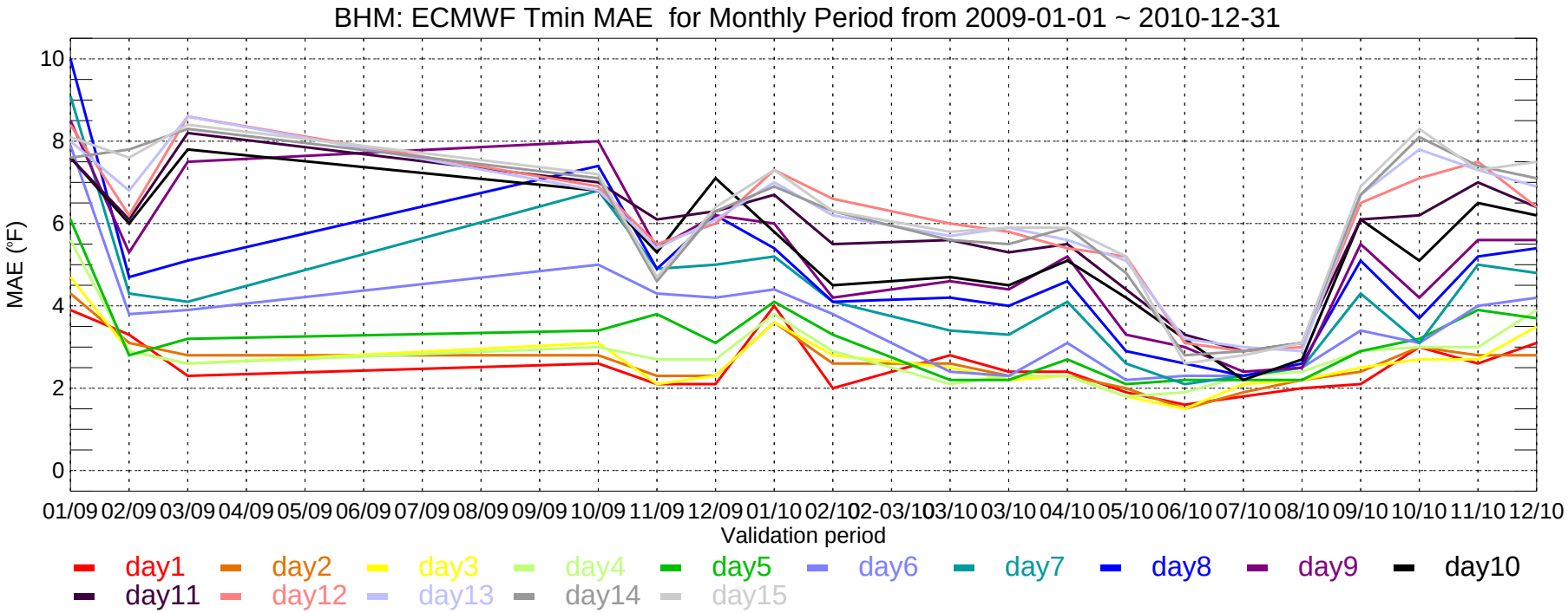

BGM: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

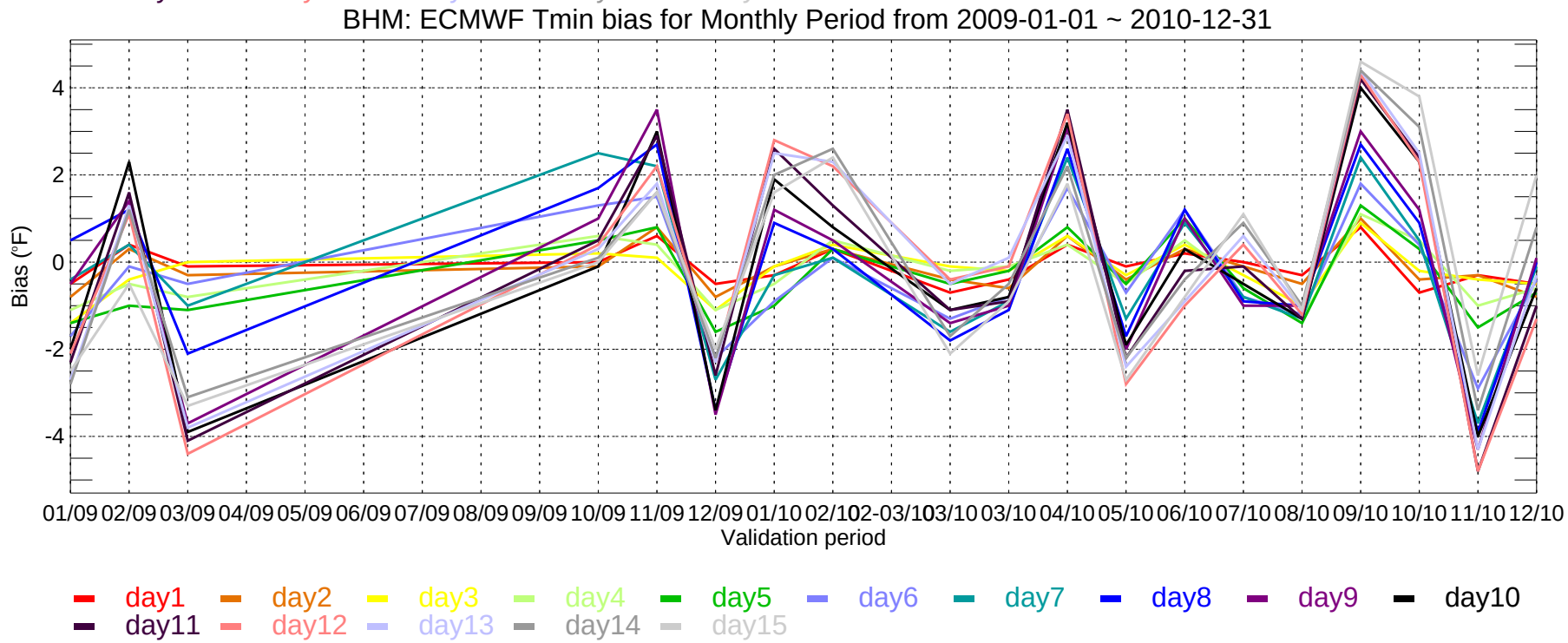

BGM: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

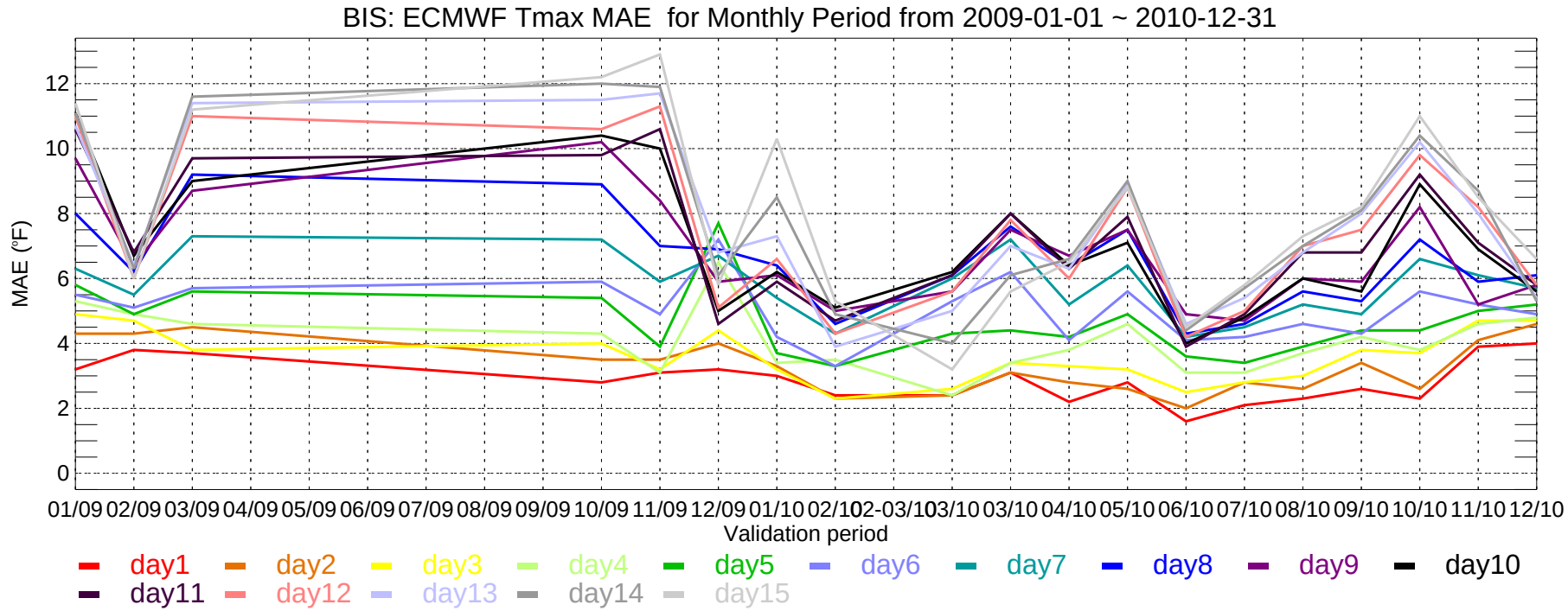

BGM: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

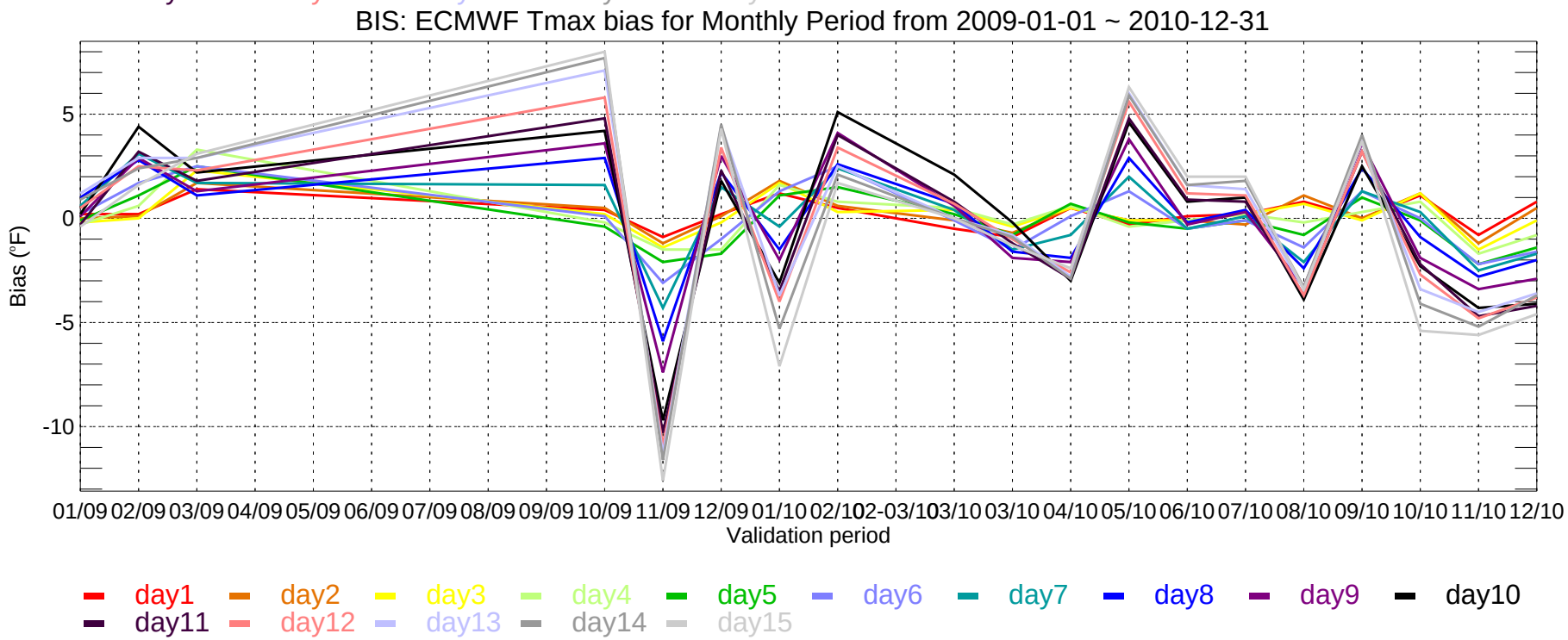

BHM: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

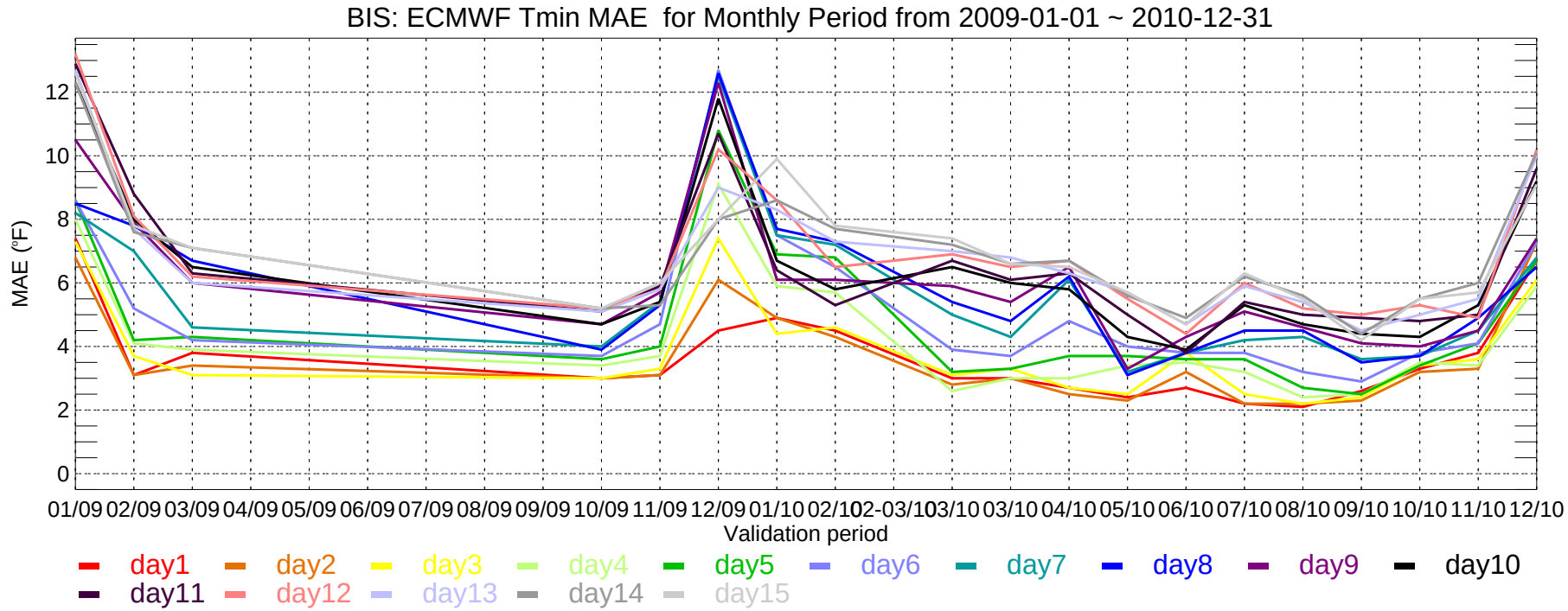

BHM: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

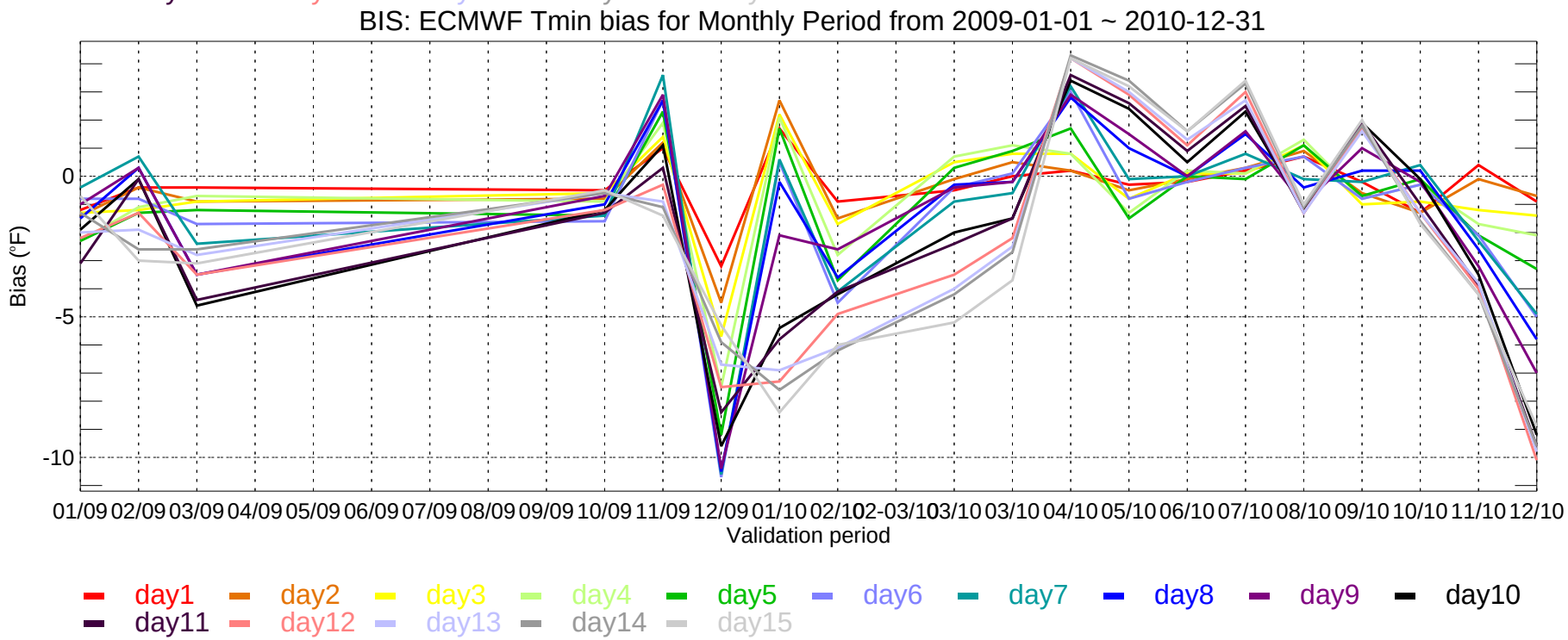

BHM: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

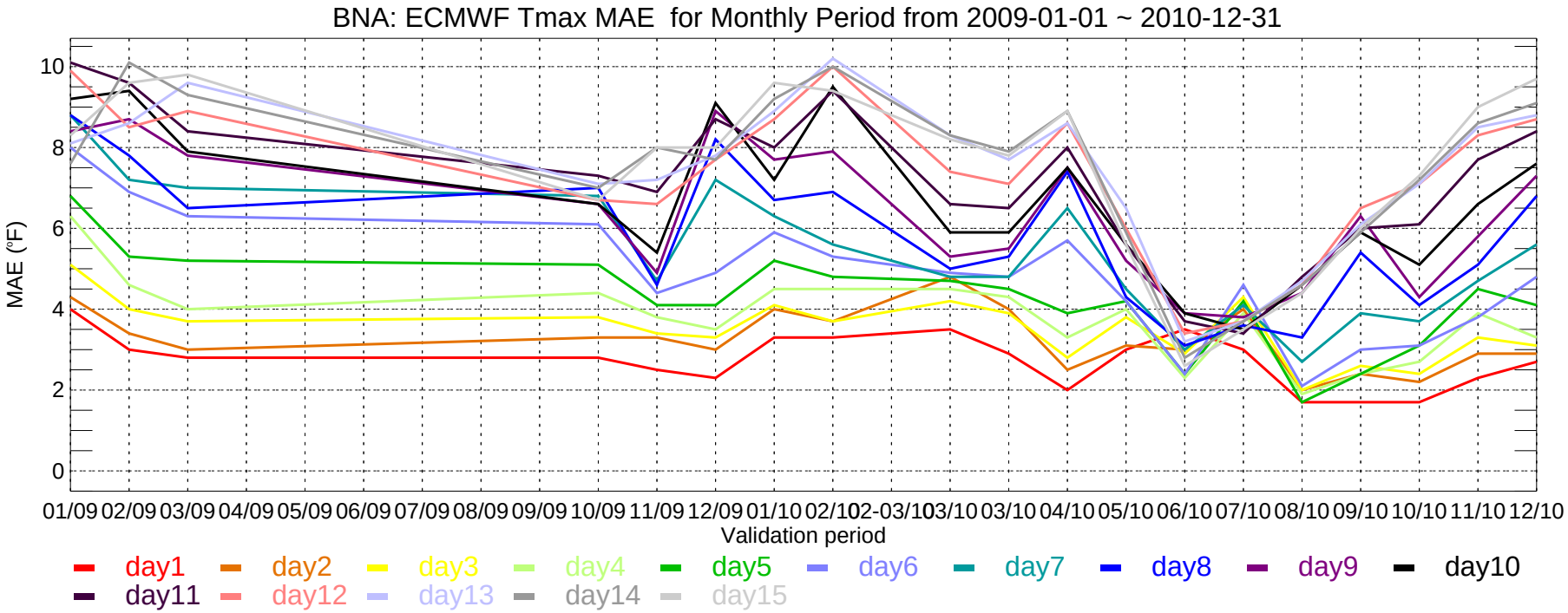

BHM: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

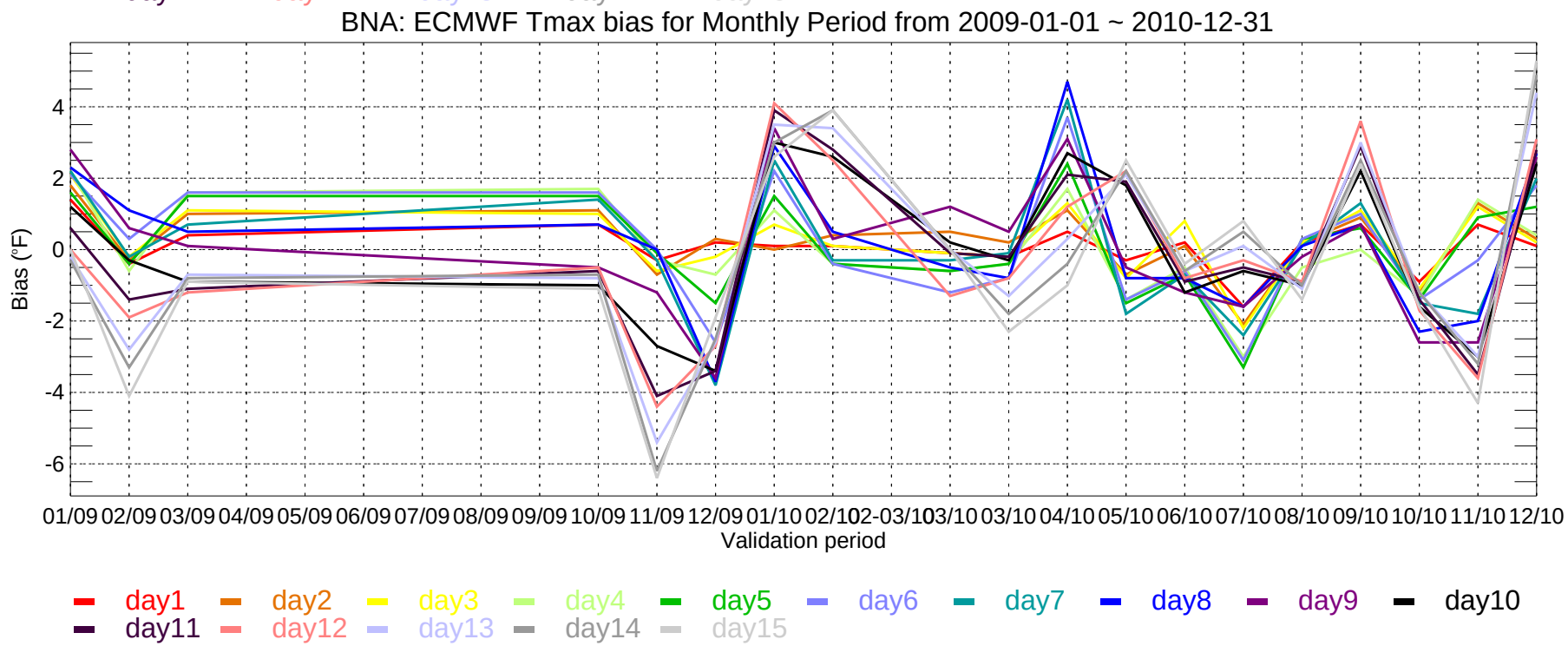

BIS: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

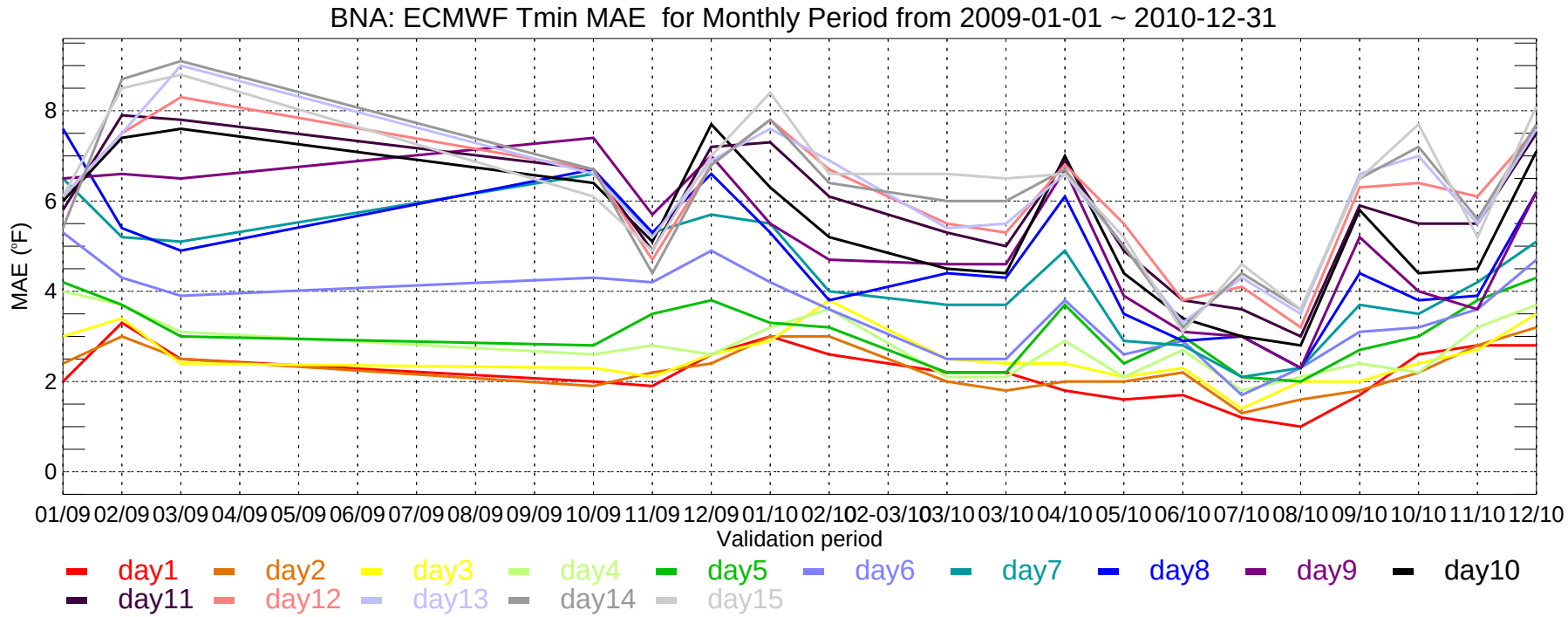

BIS: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-10
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

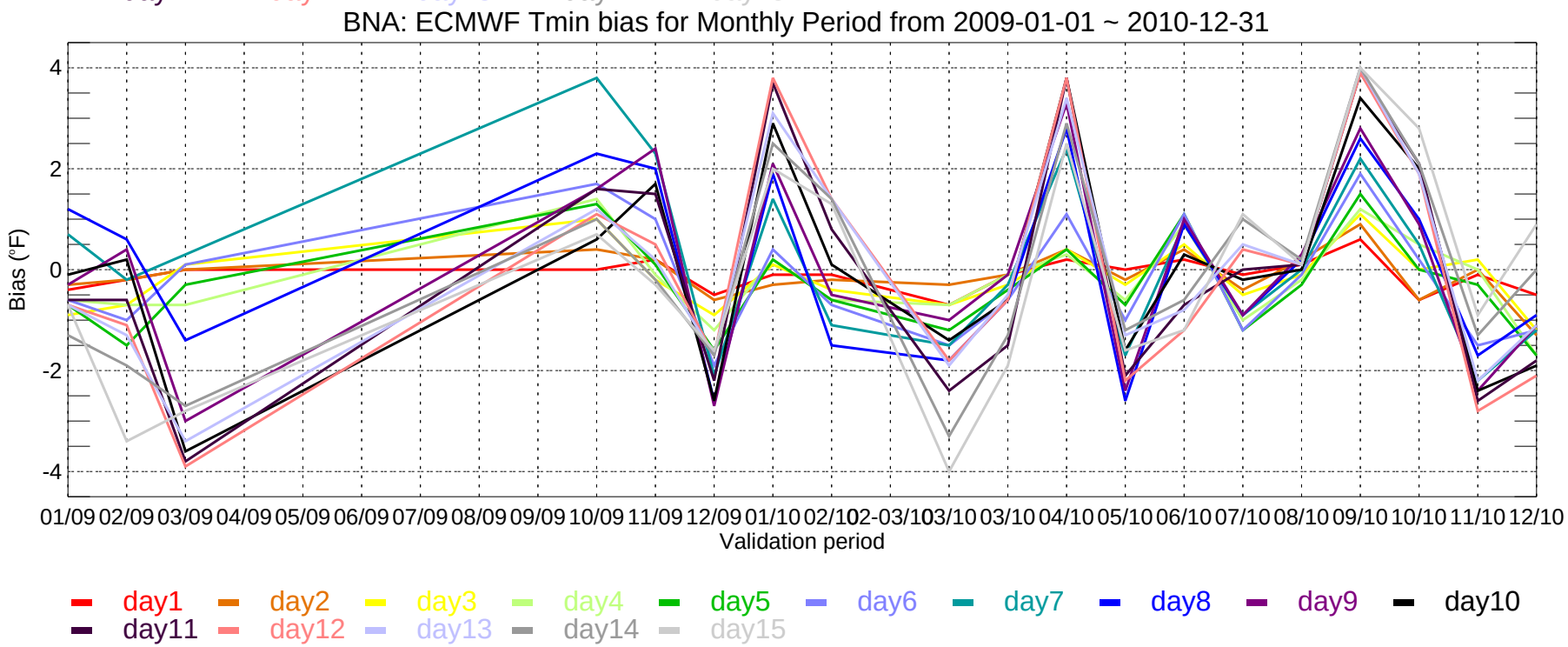

BIS: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

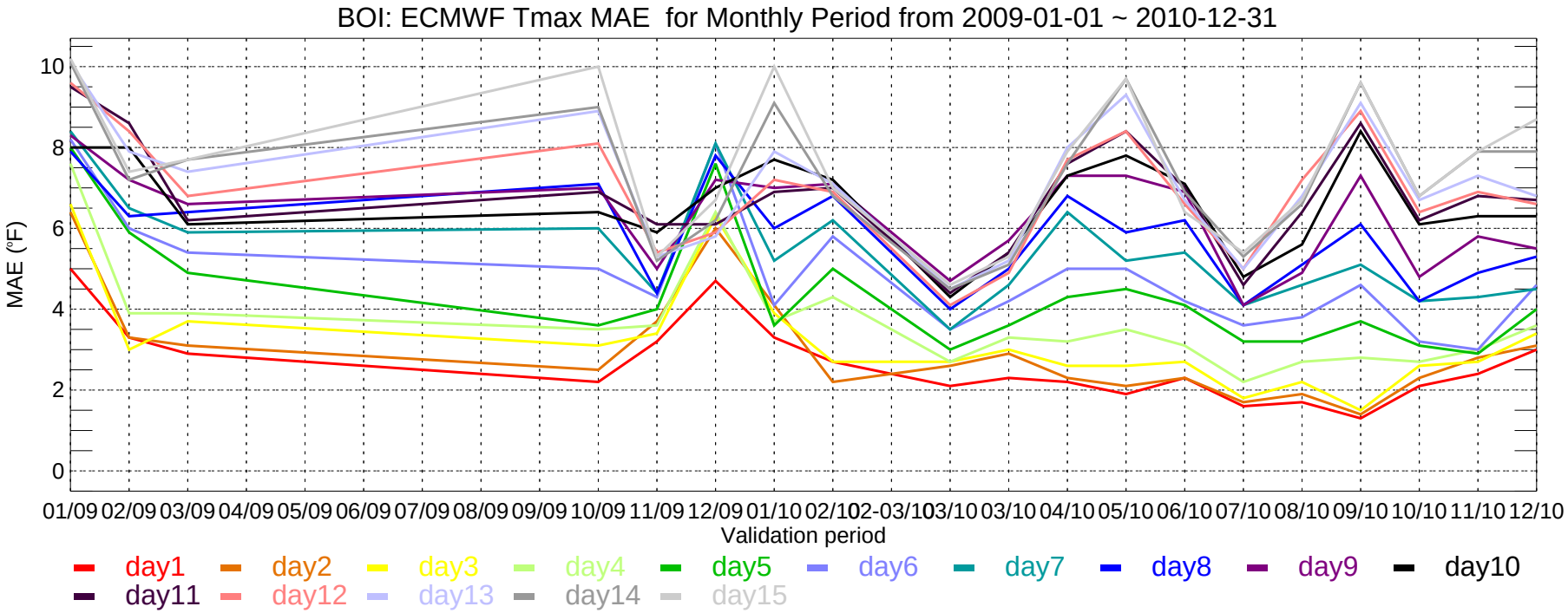

BIS: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

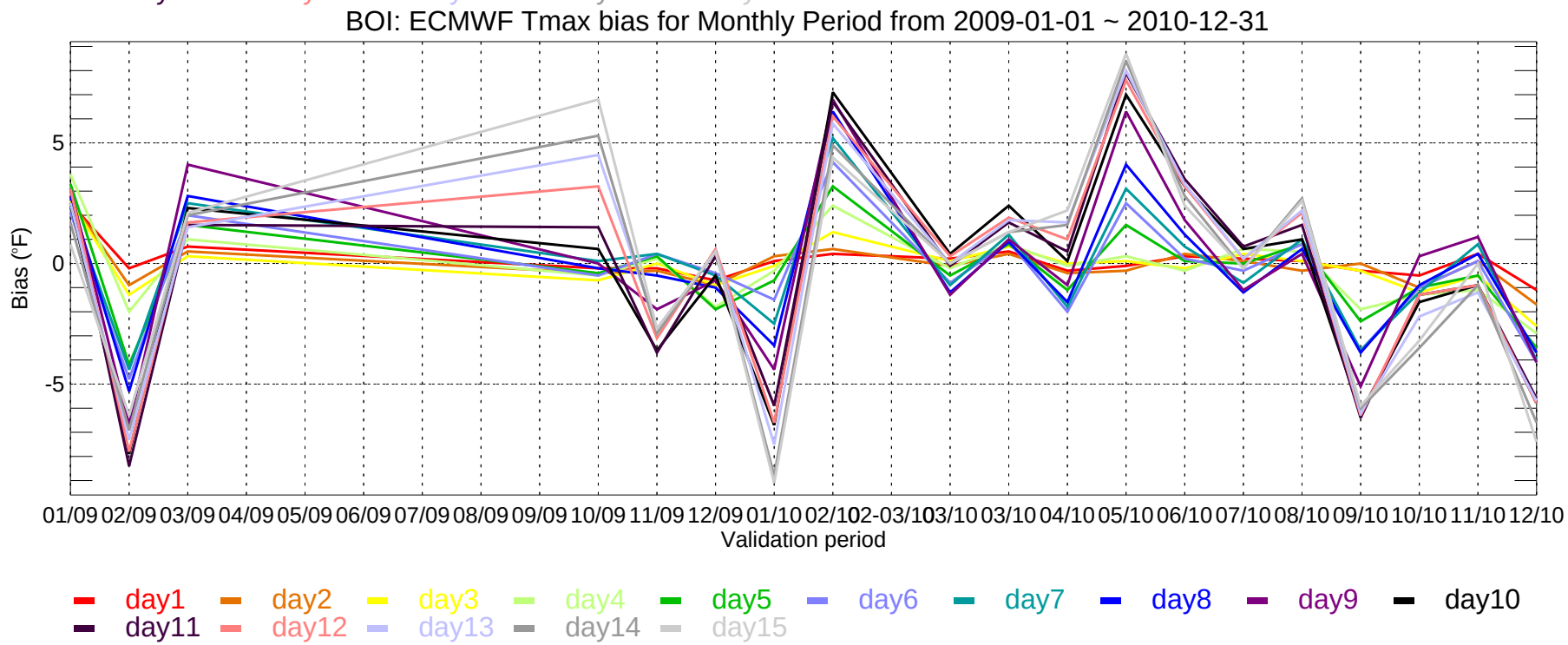

BNA: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

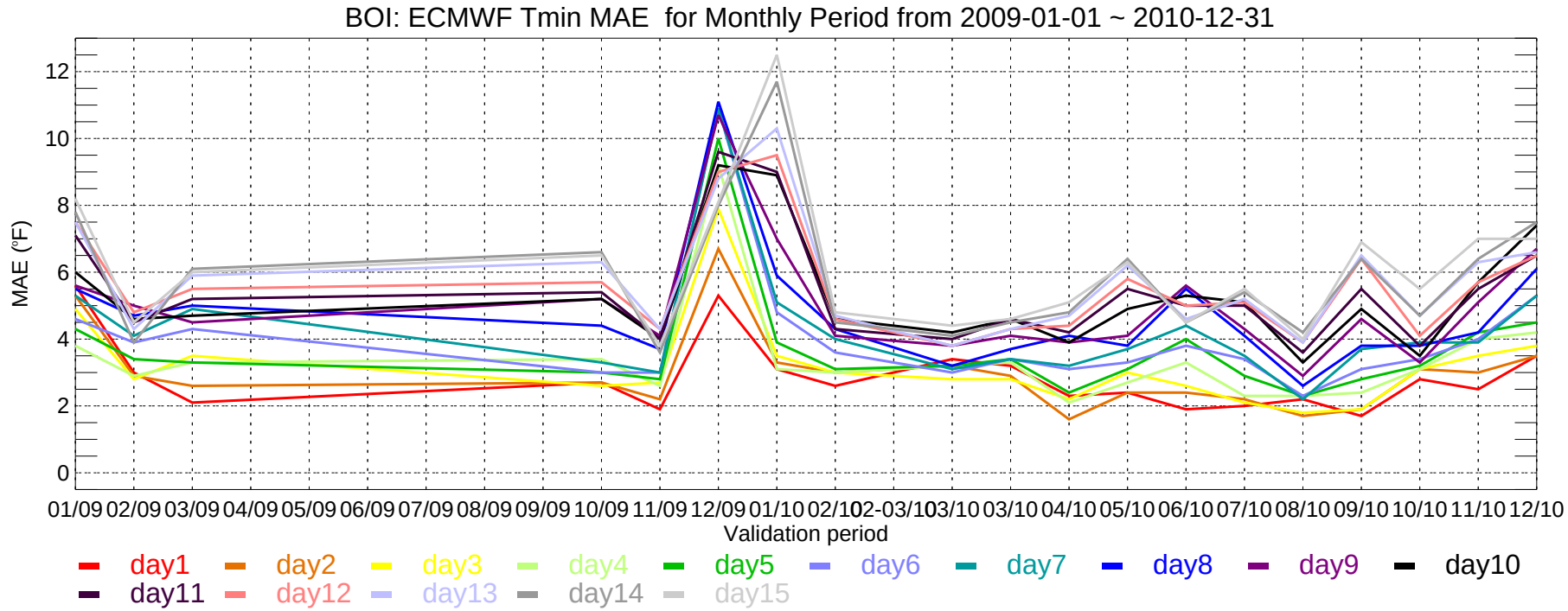

BNA: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

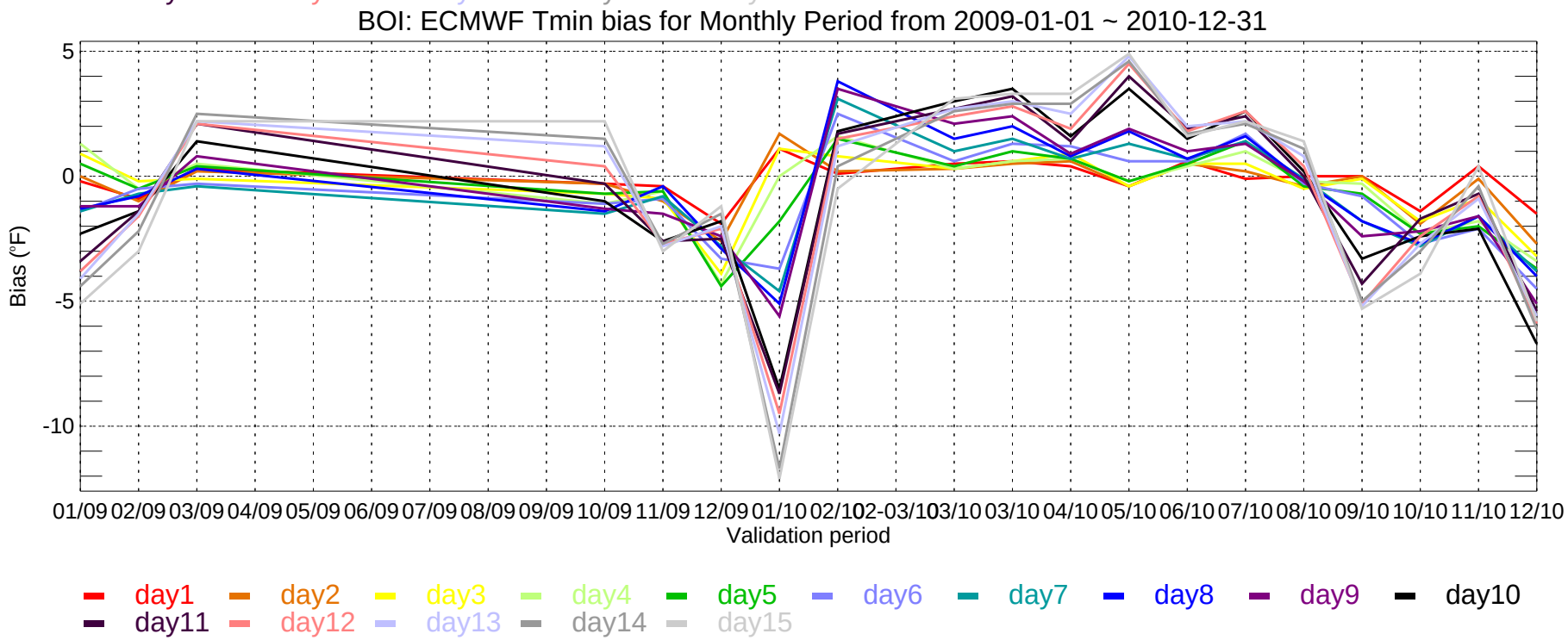

BNA: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

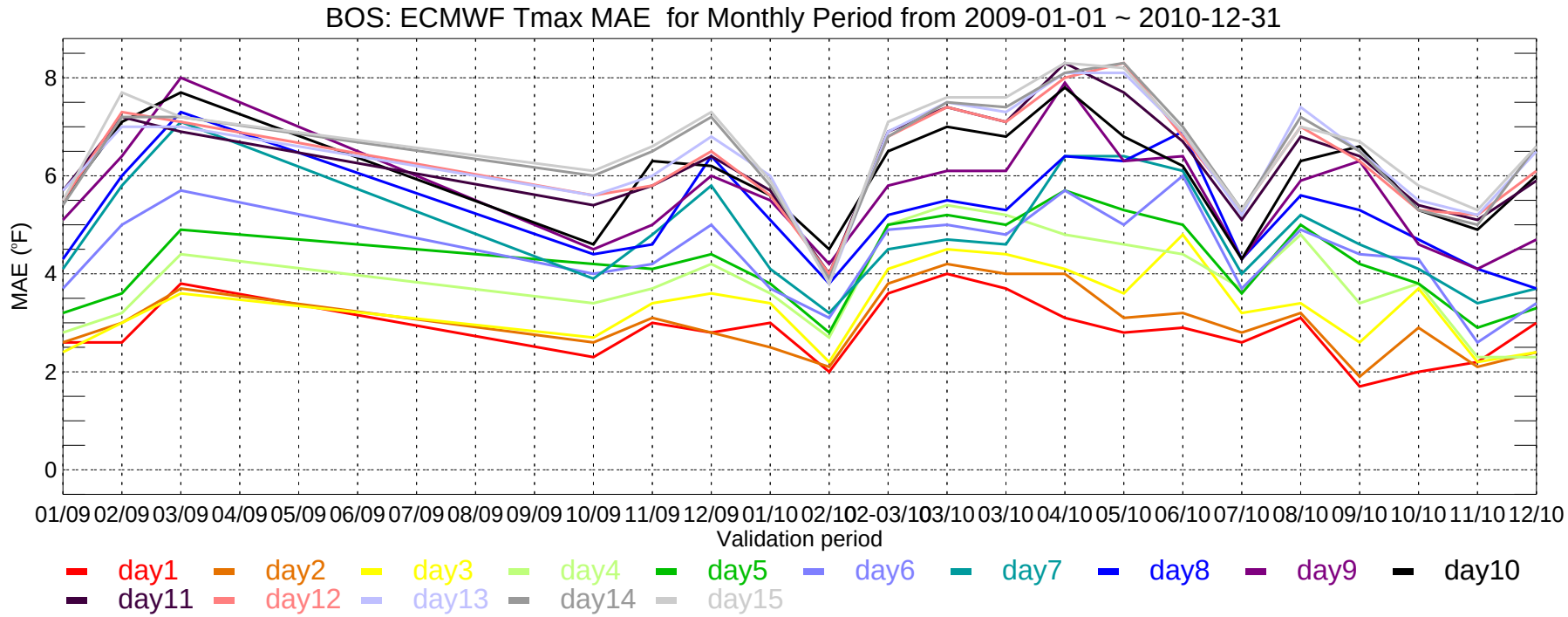

BNA: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

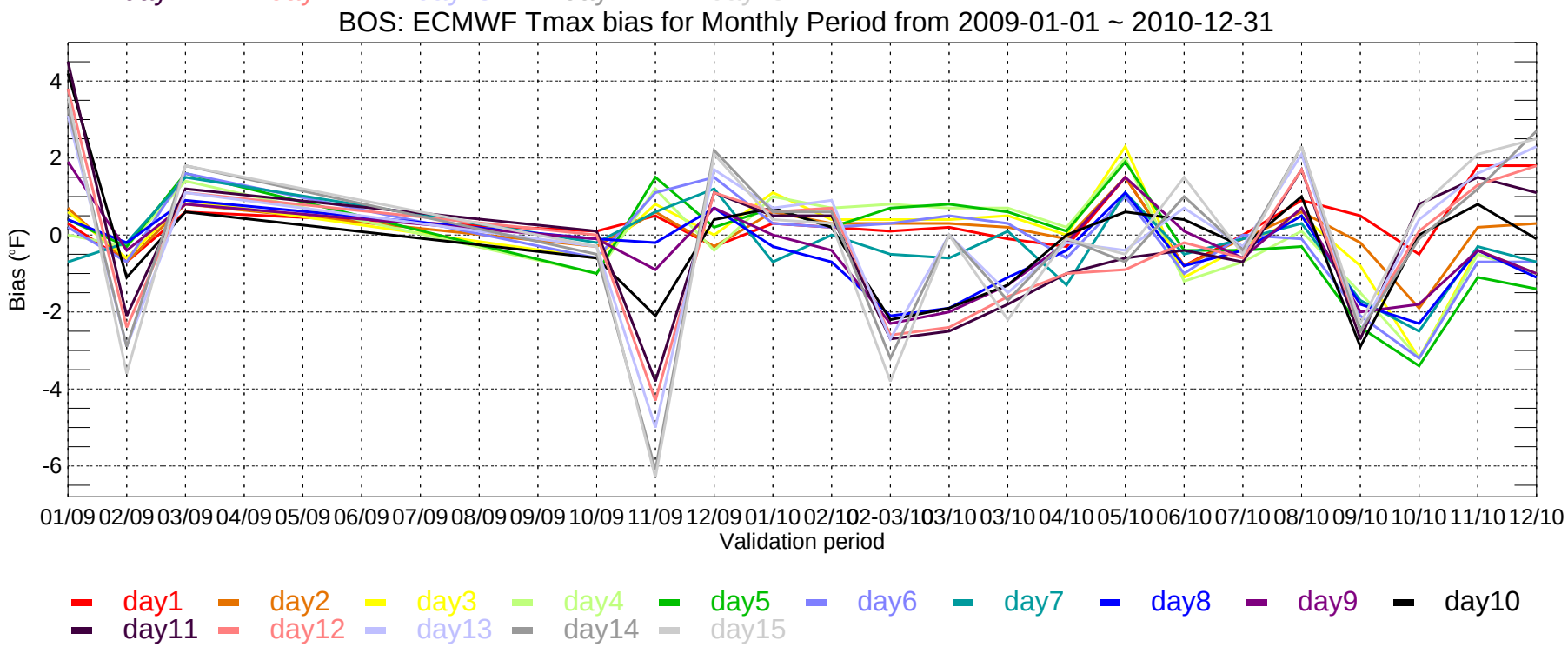

BOI: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

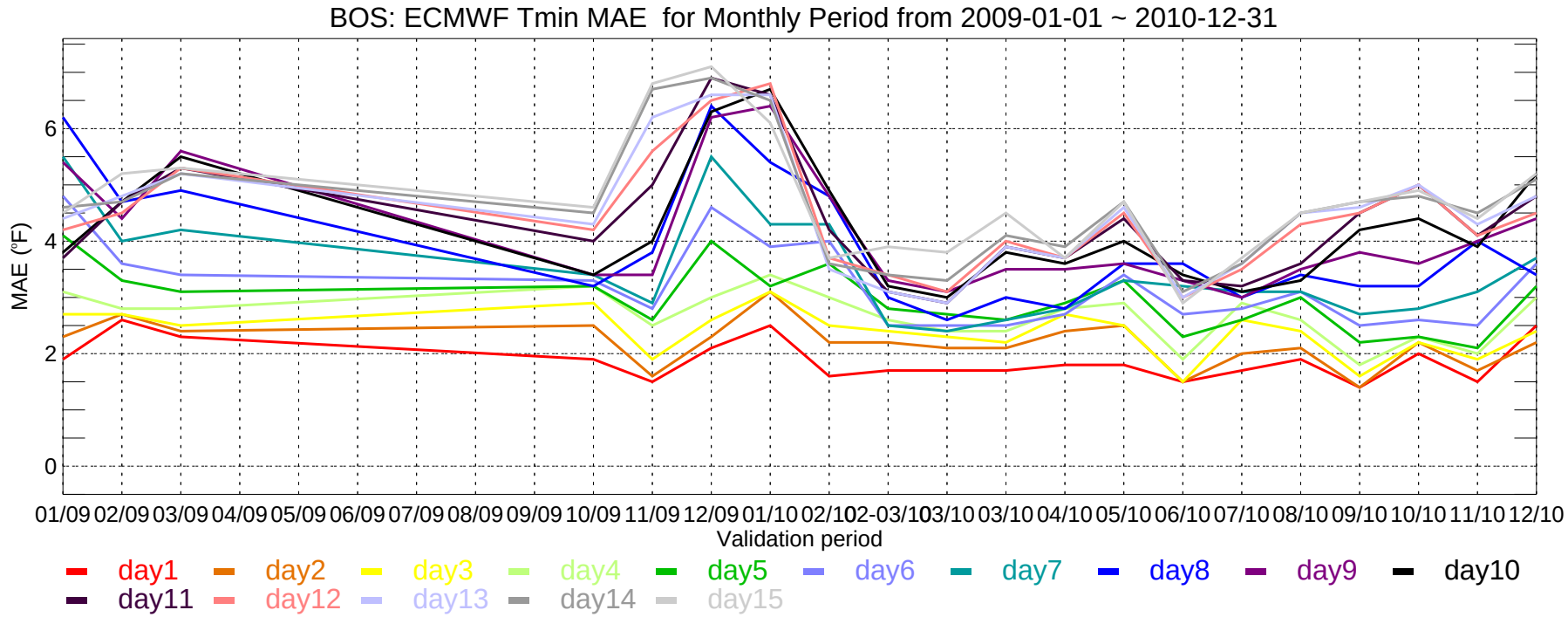

BOI: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

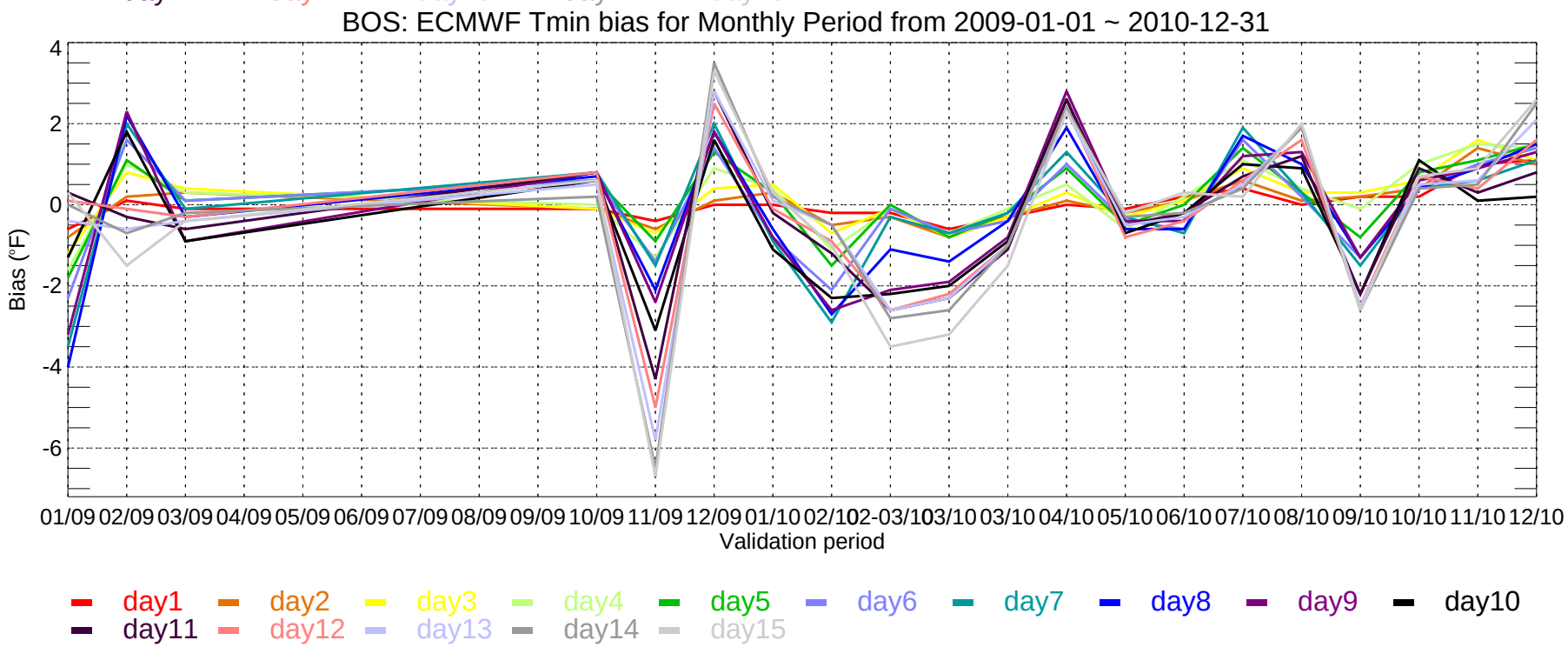

BOI: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

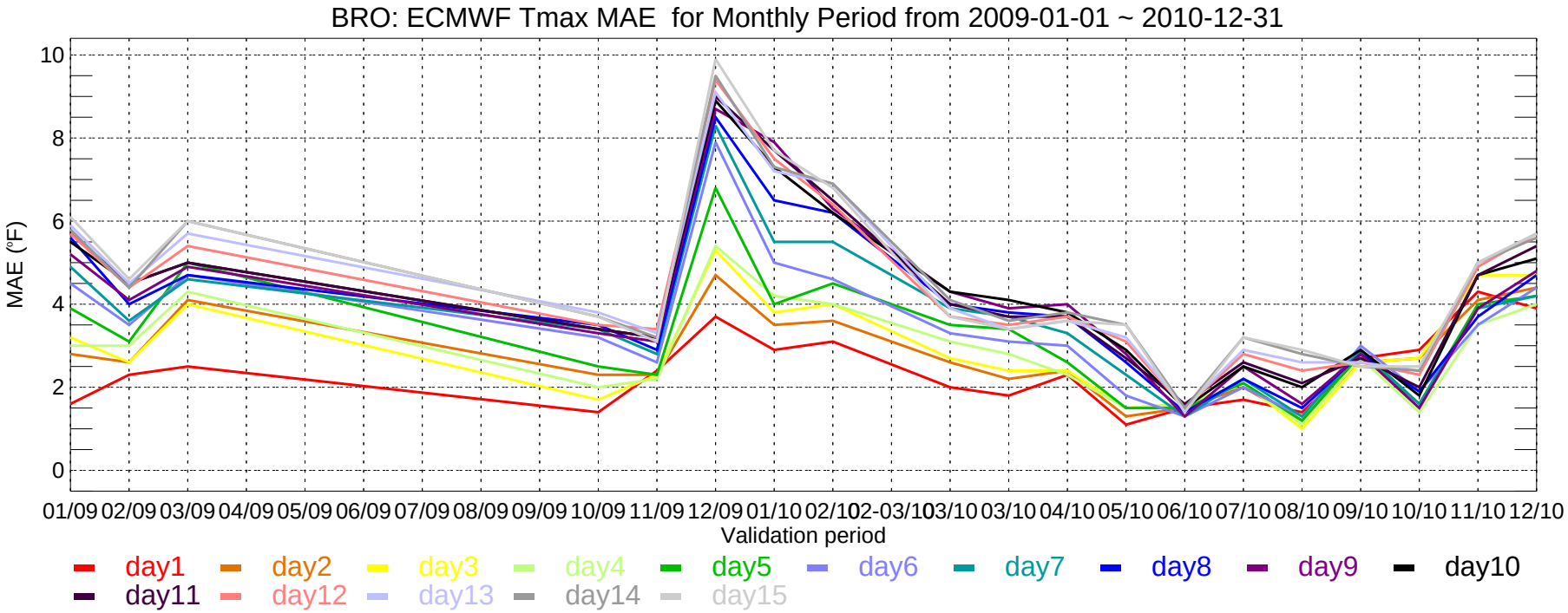

BOI: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

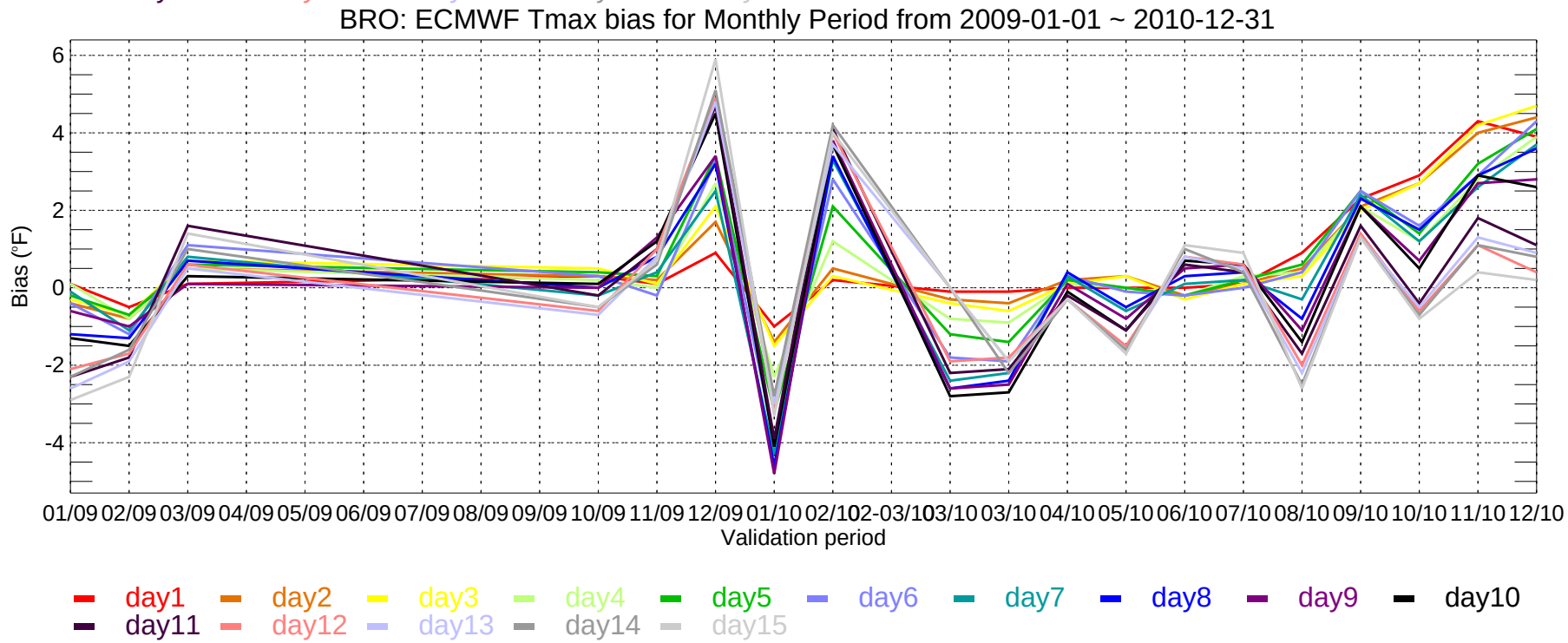

BOS: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

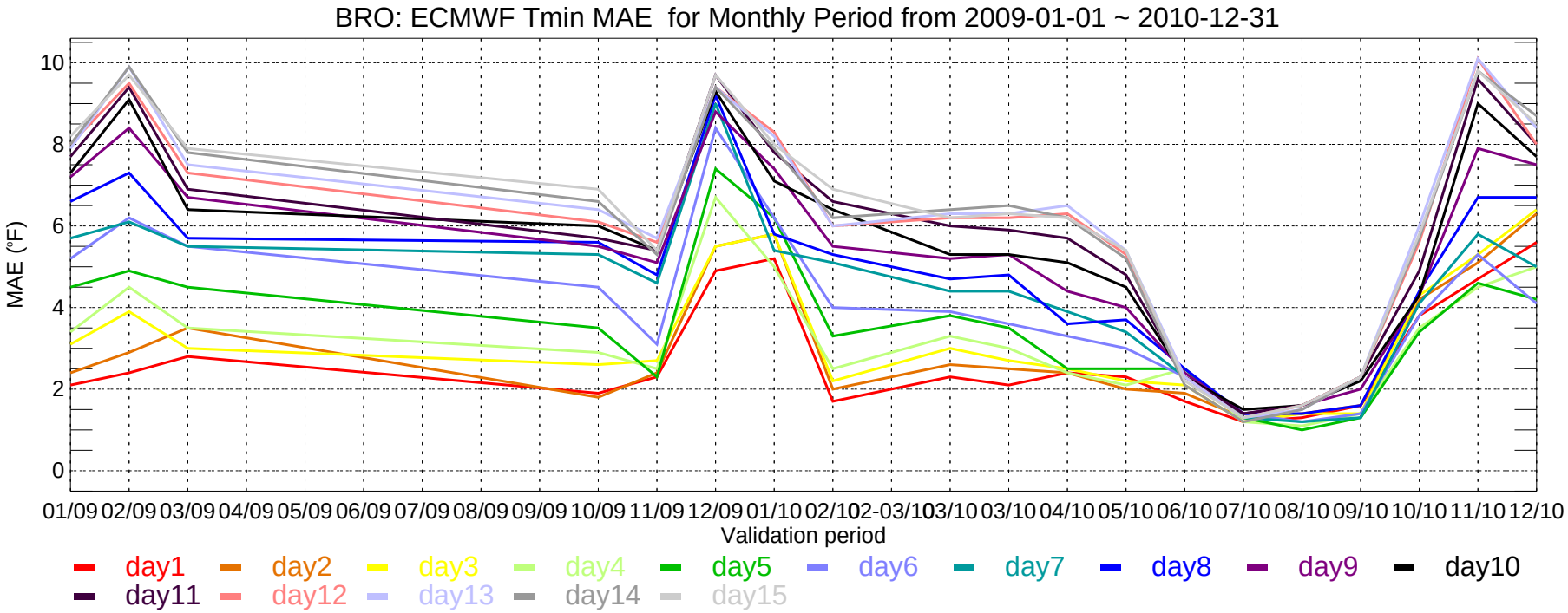

BOS: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

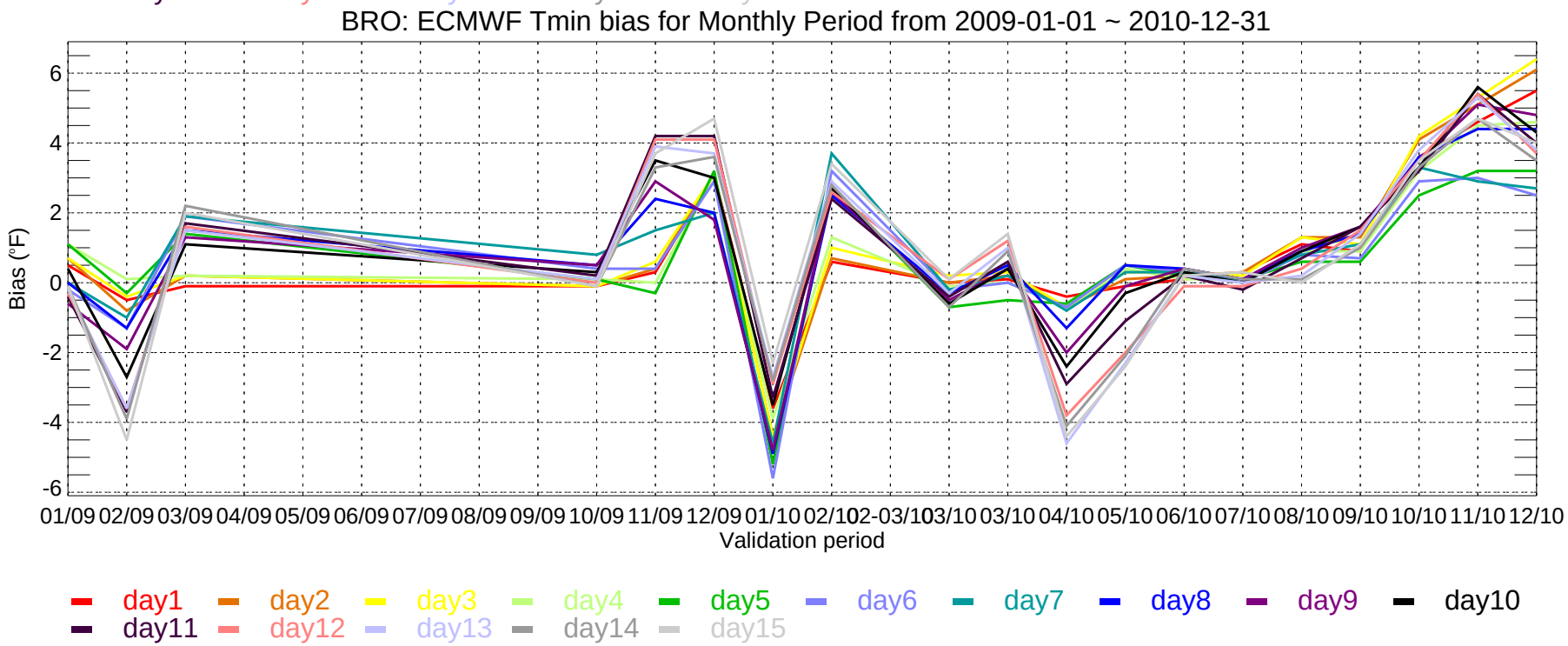

BOS: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

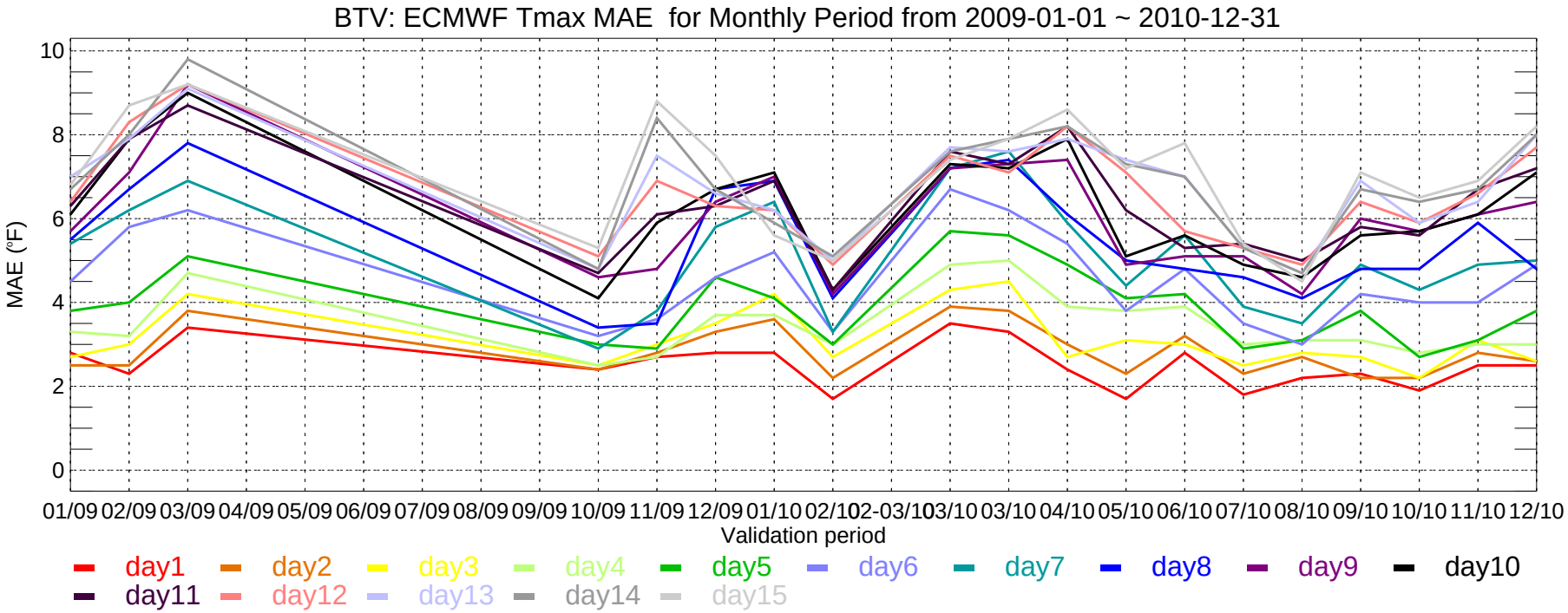

BOS: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

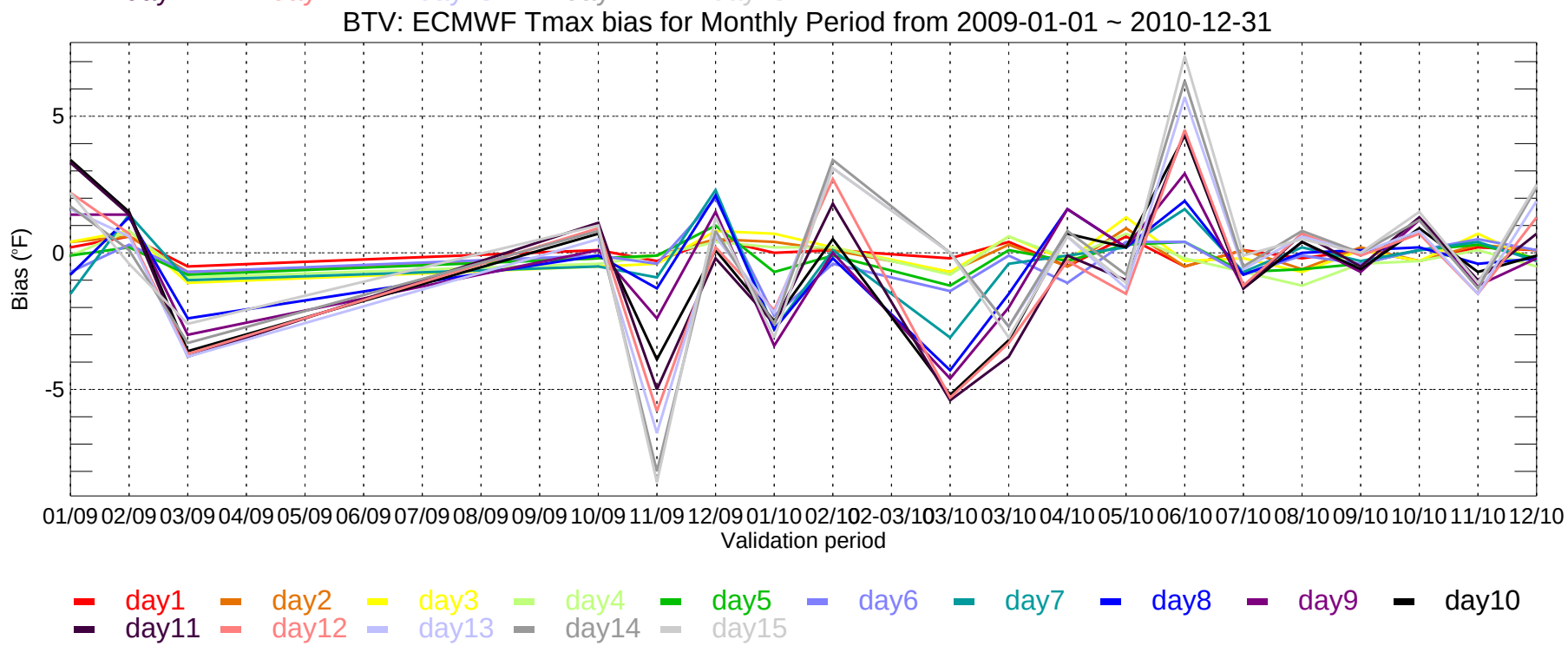

BRO: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

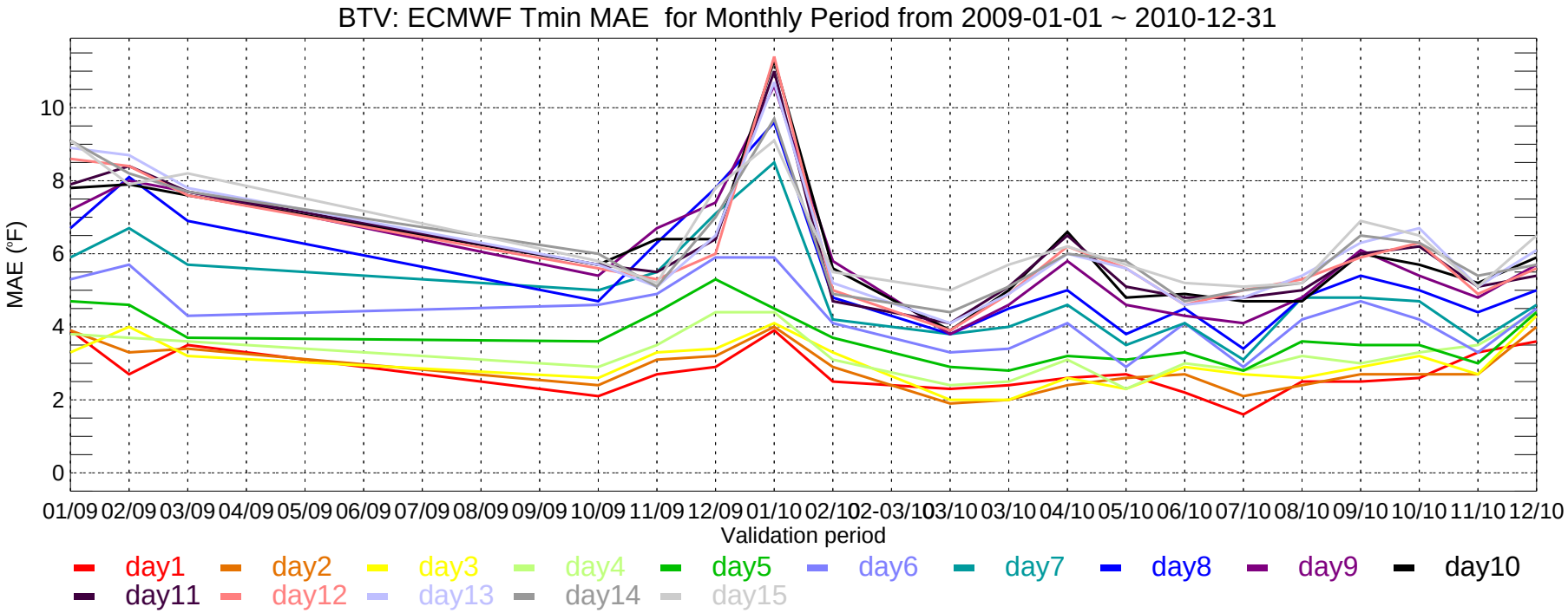

BRO: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

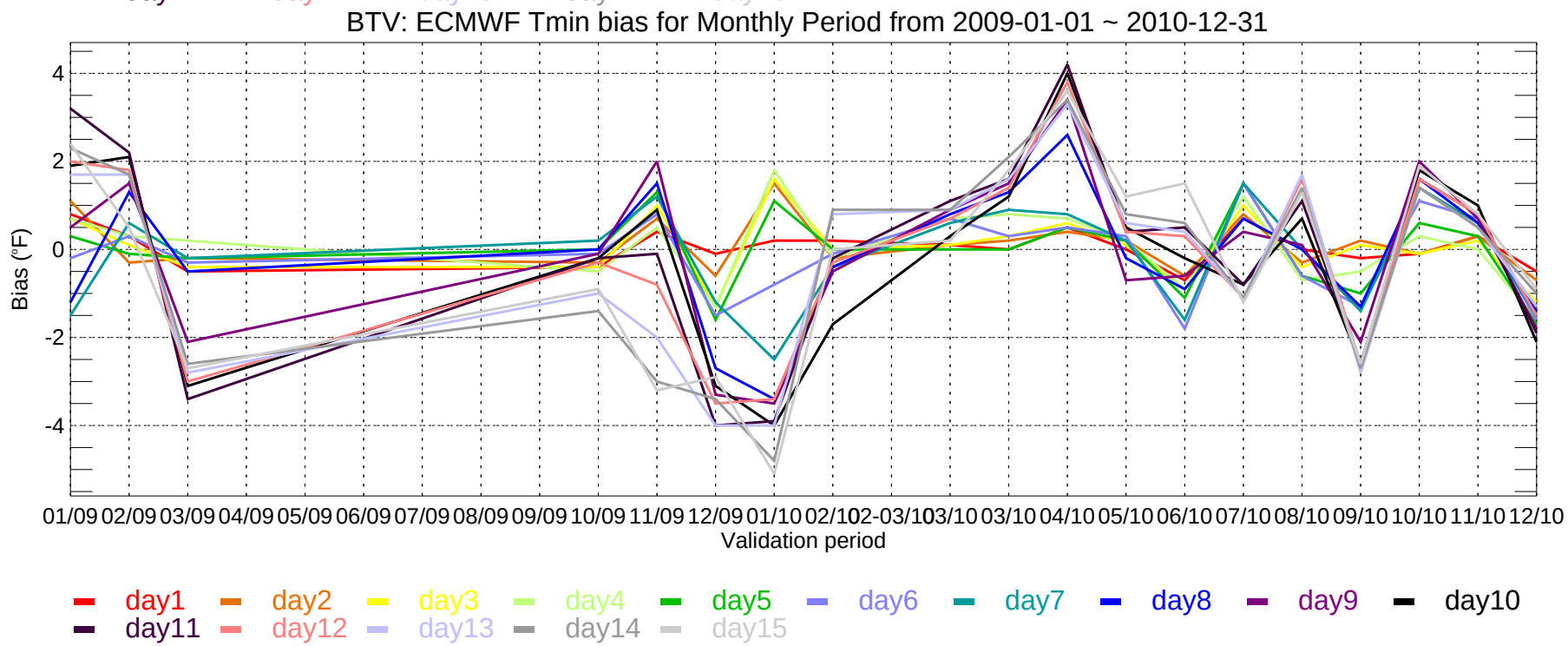

BRO: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

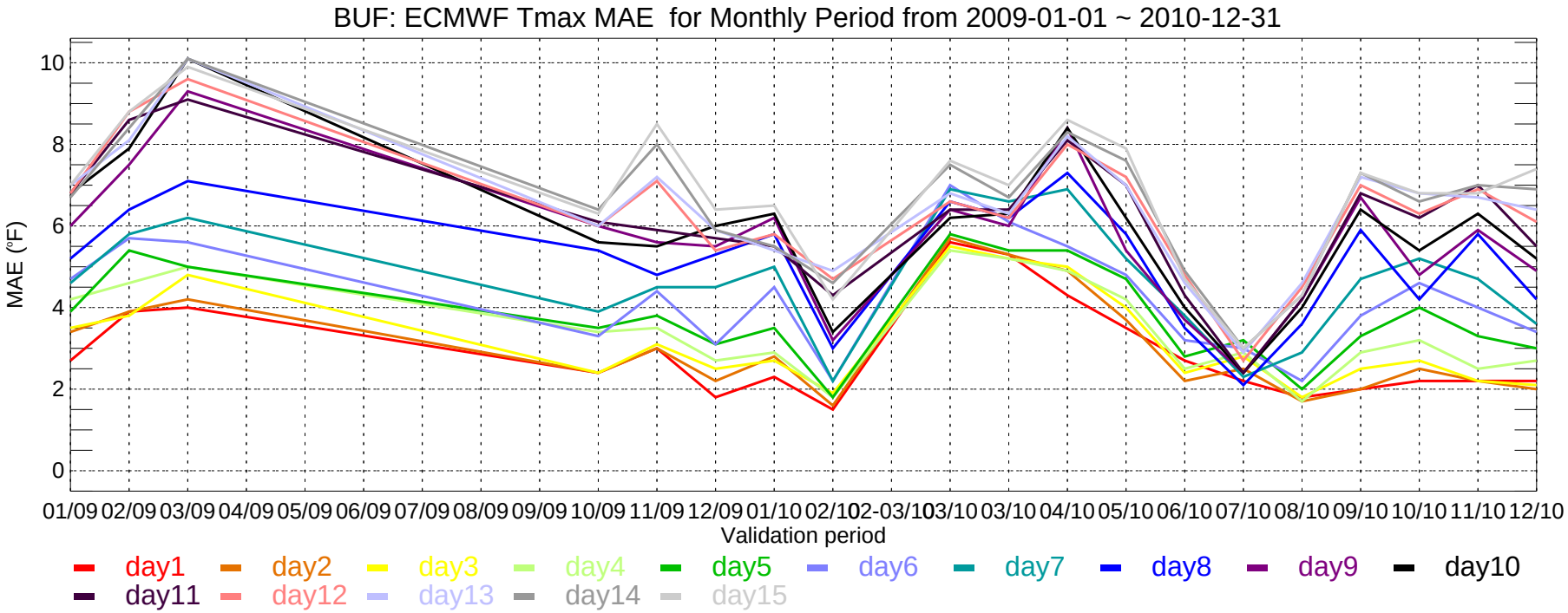

BRO: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

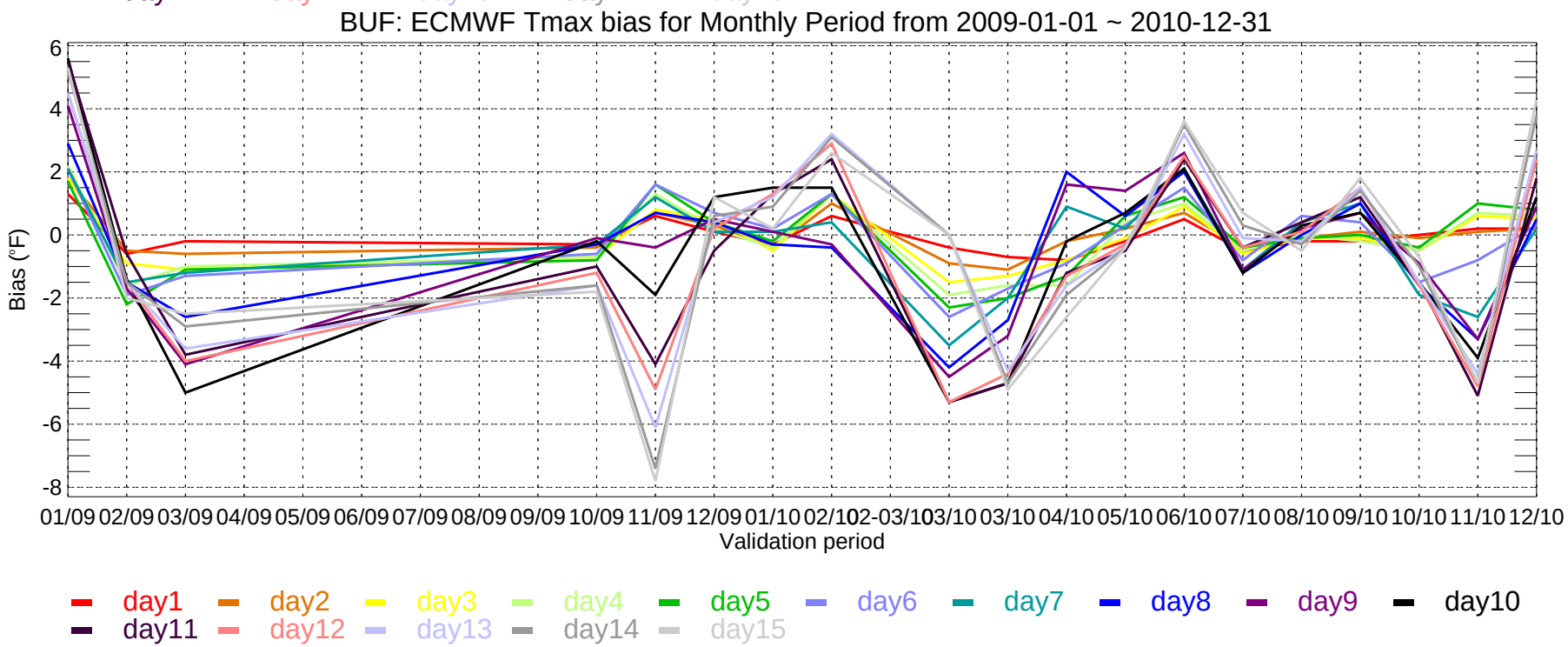

BTV: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

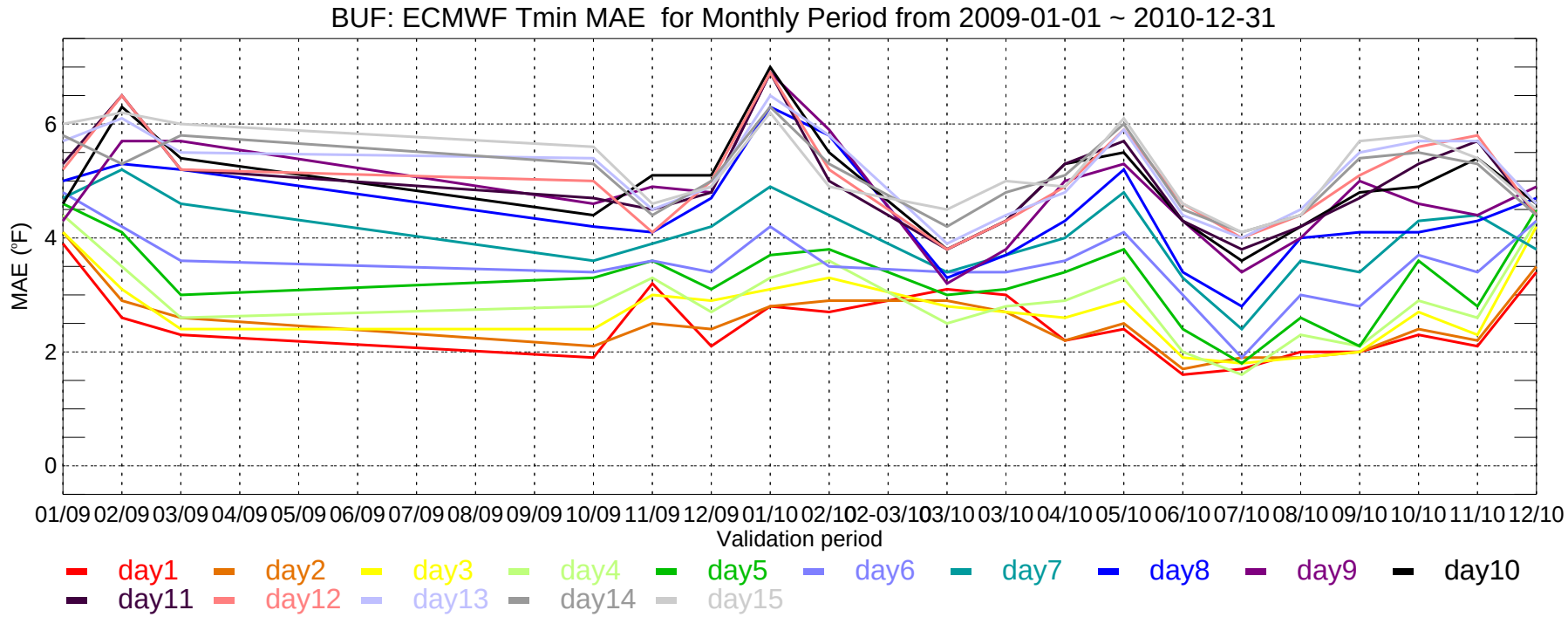

BTV: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

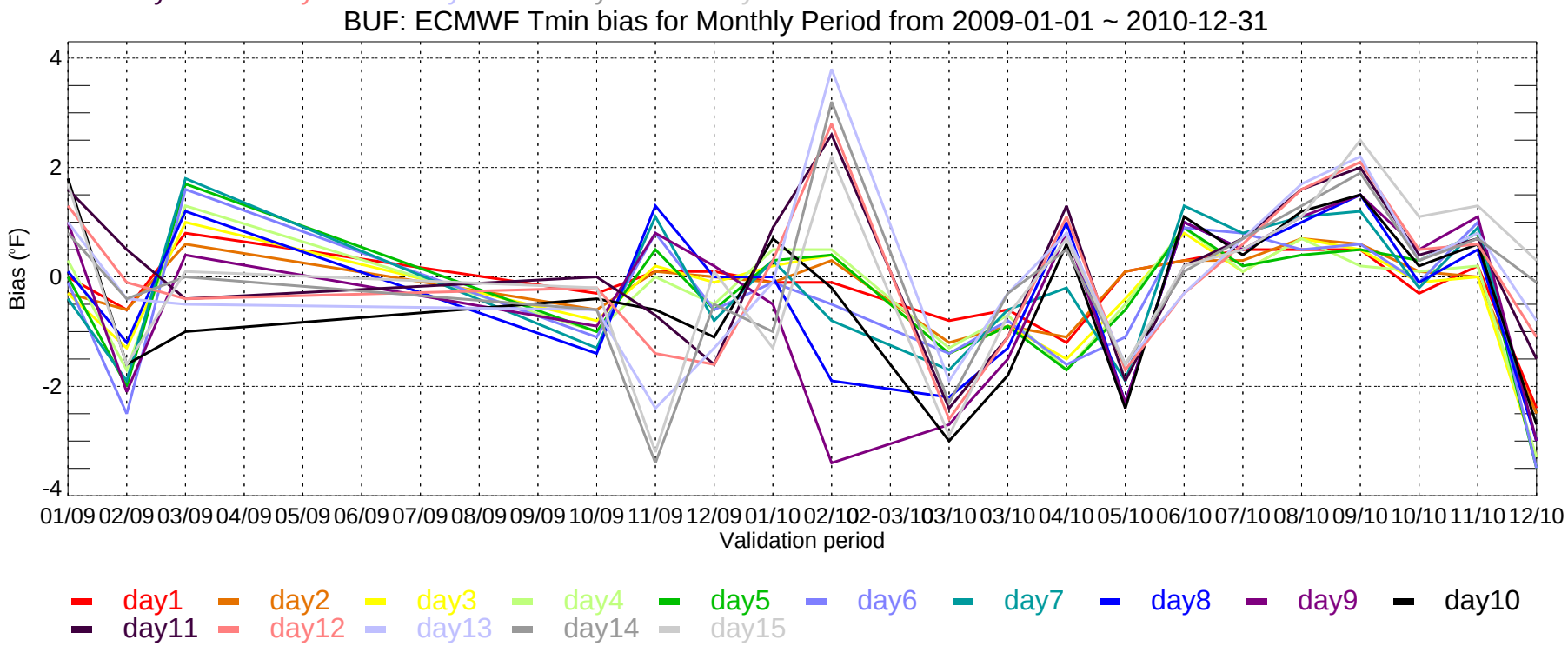

BTV: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

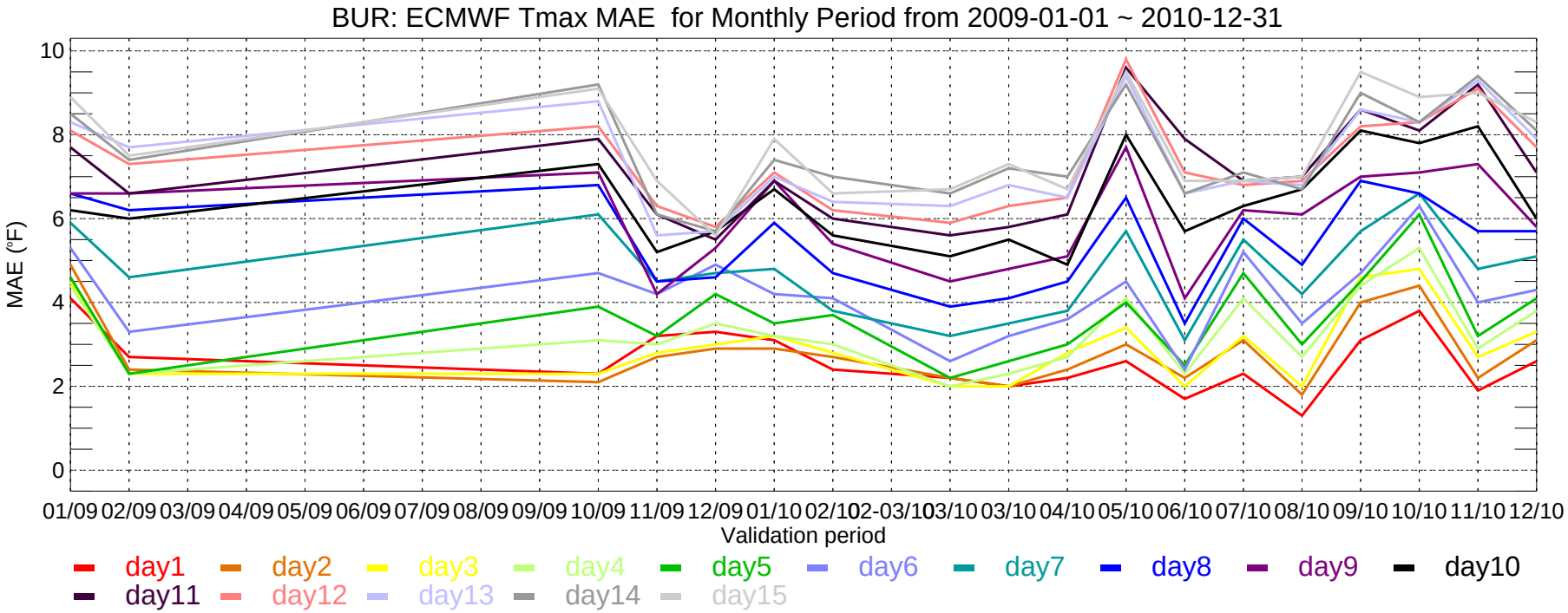

BTV: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

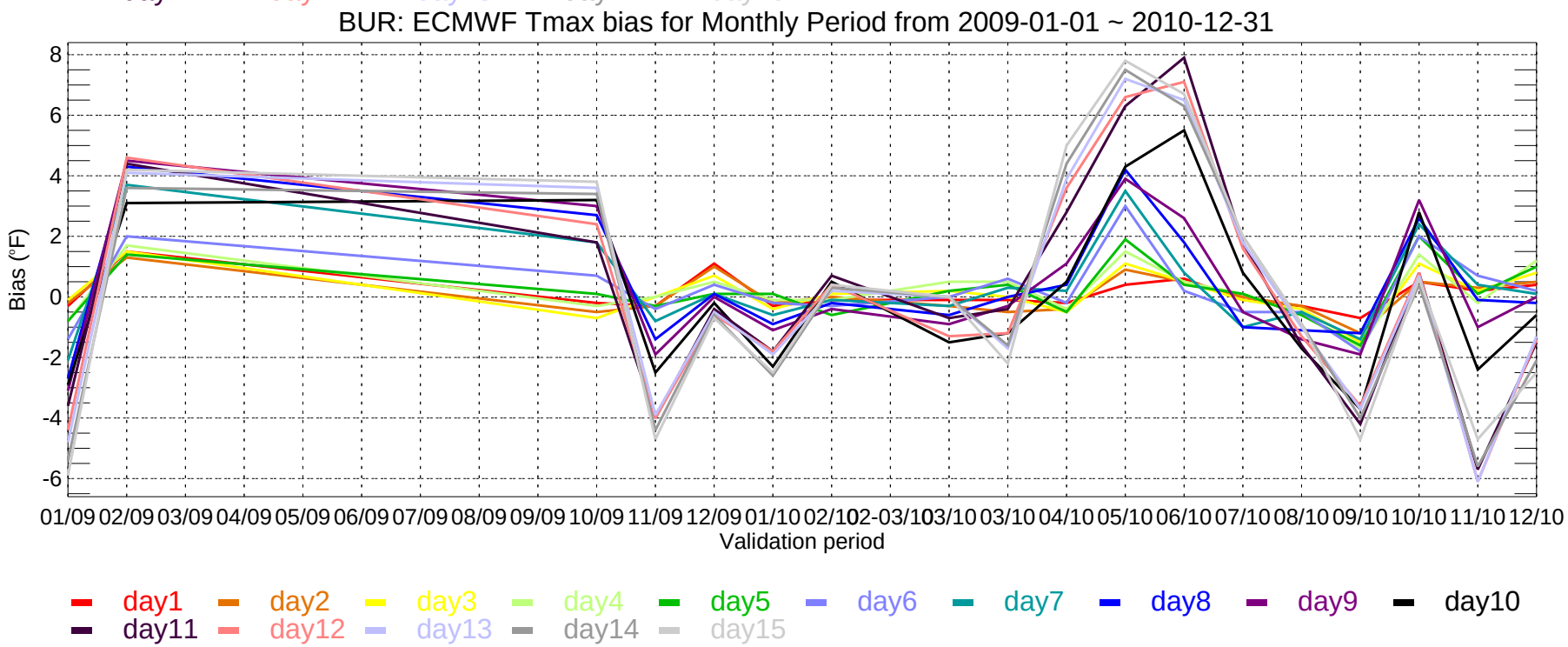

BUF: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

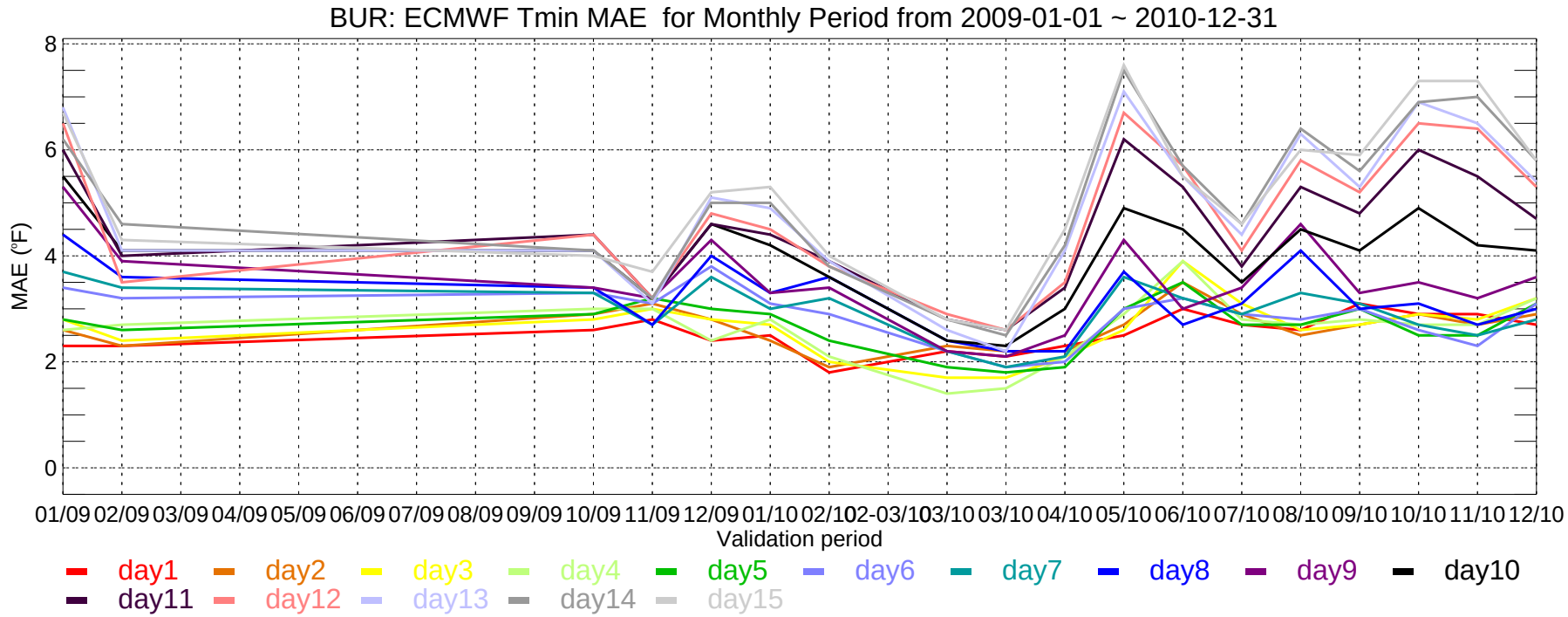

BUF: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

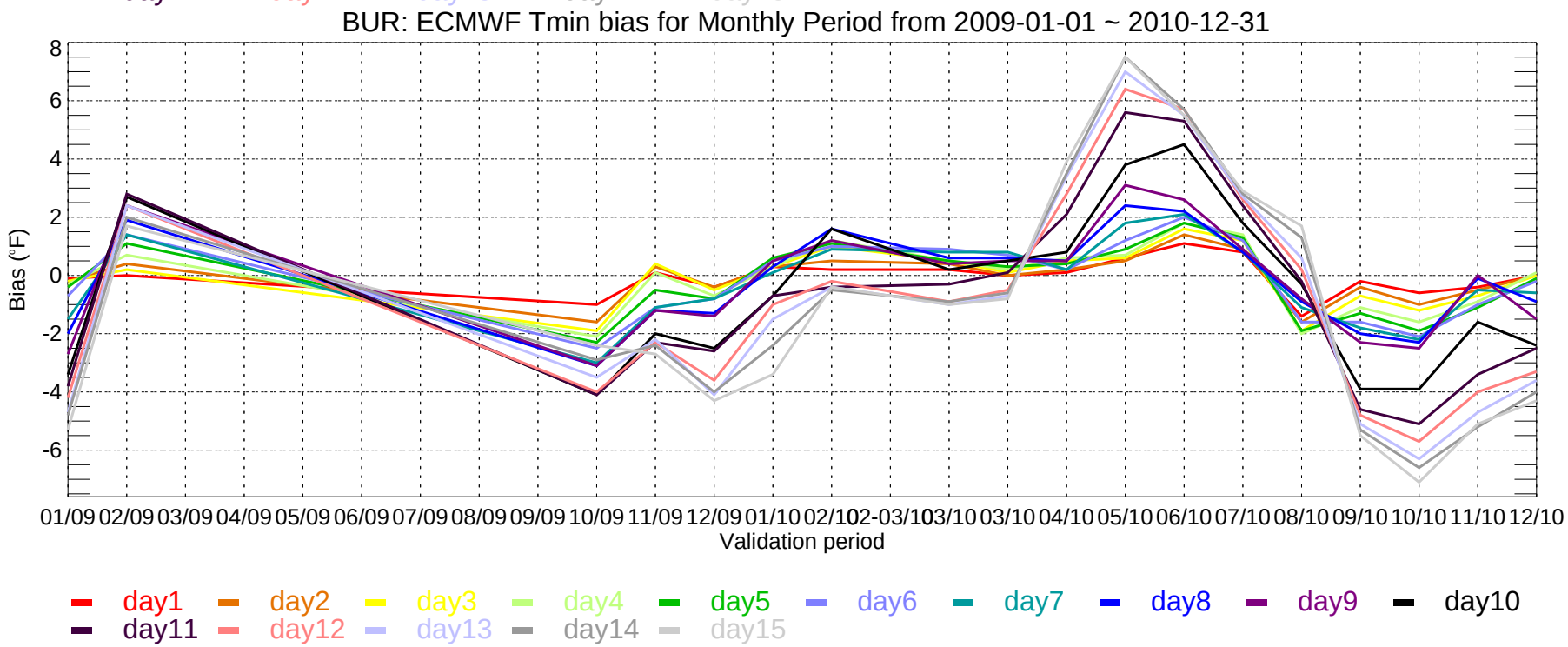

BUF: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

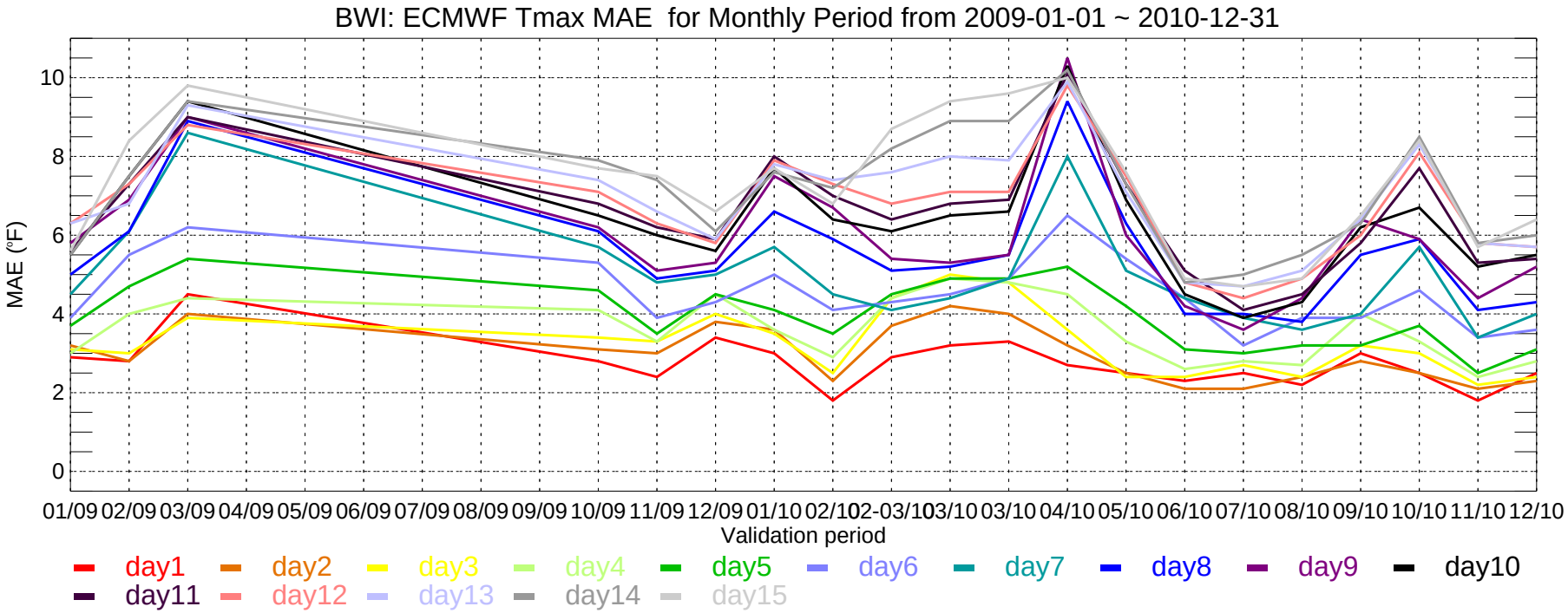

BUF: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

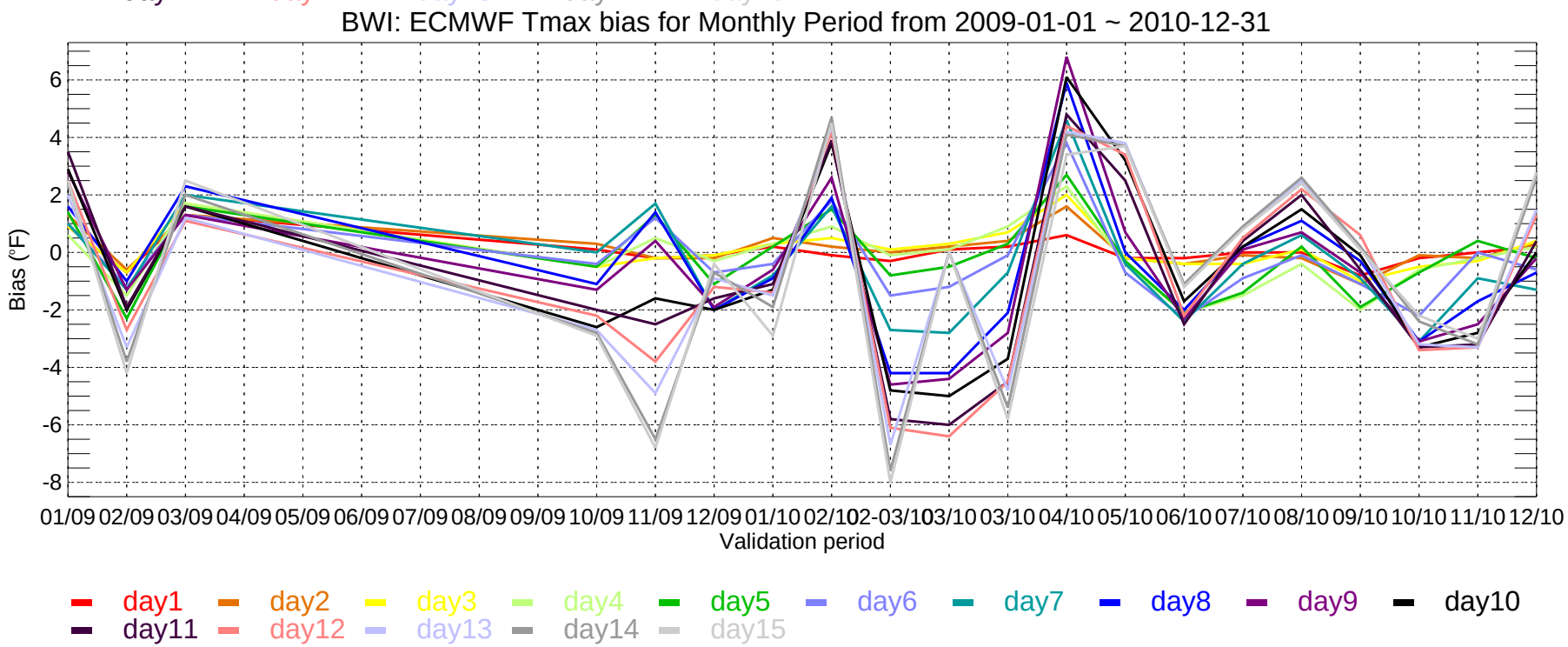

BUR: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

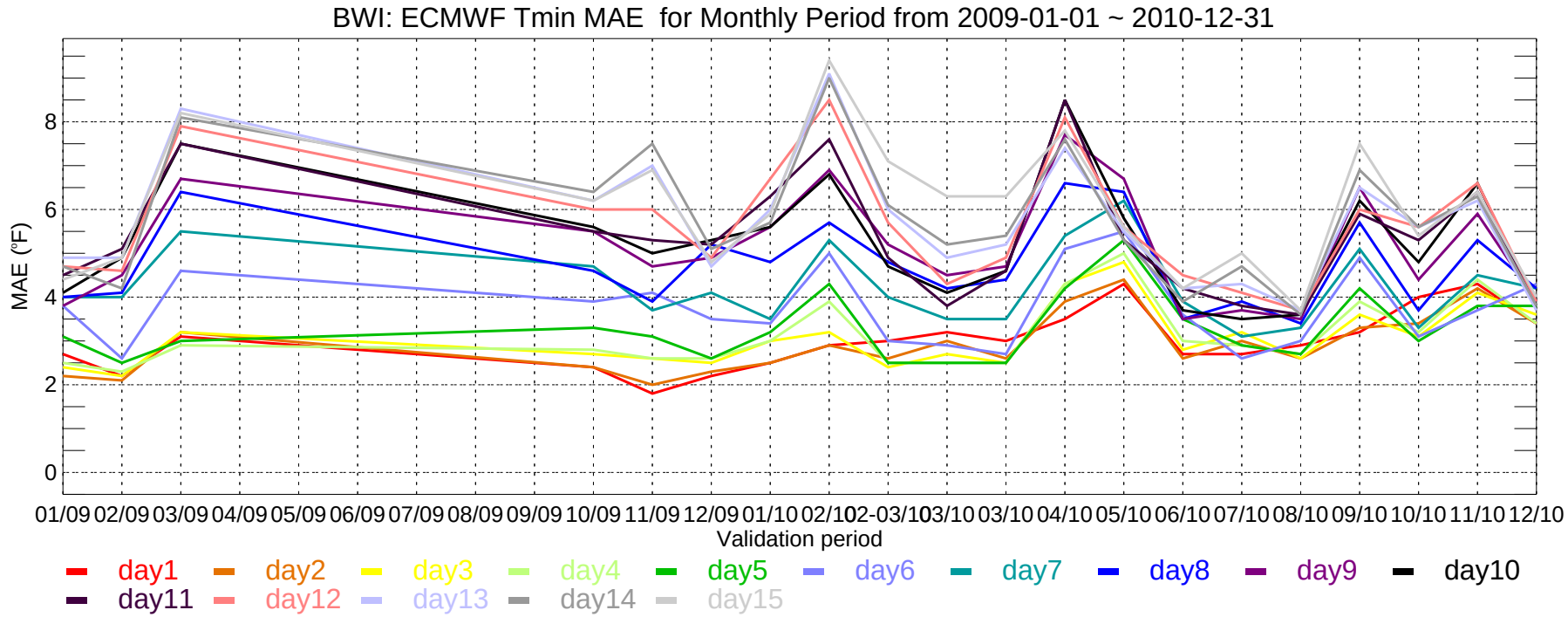

BUR: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

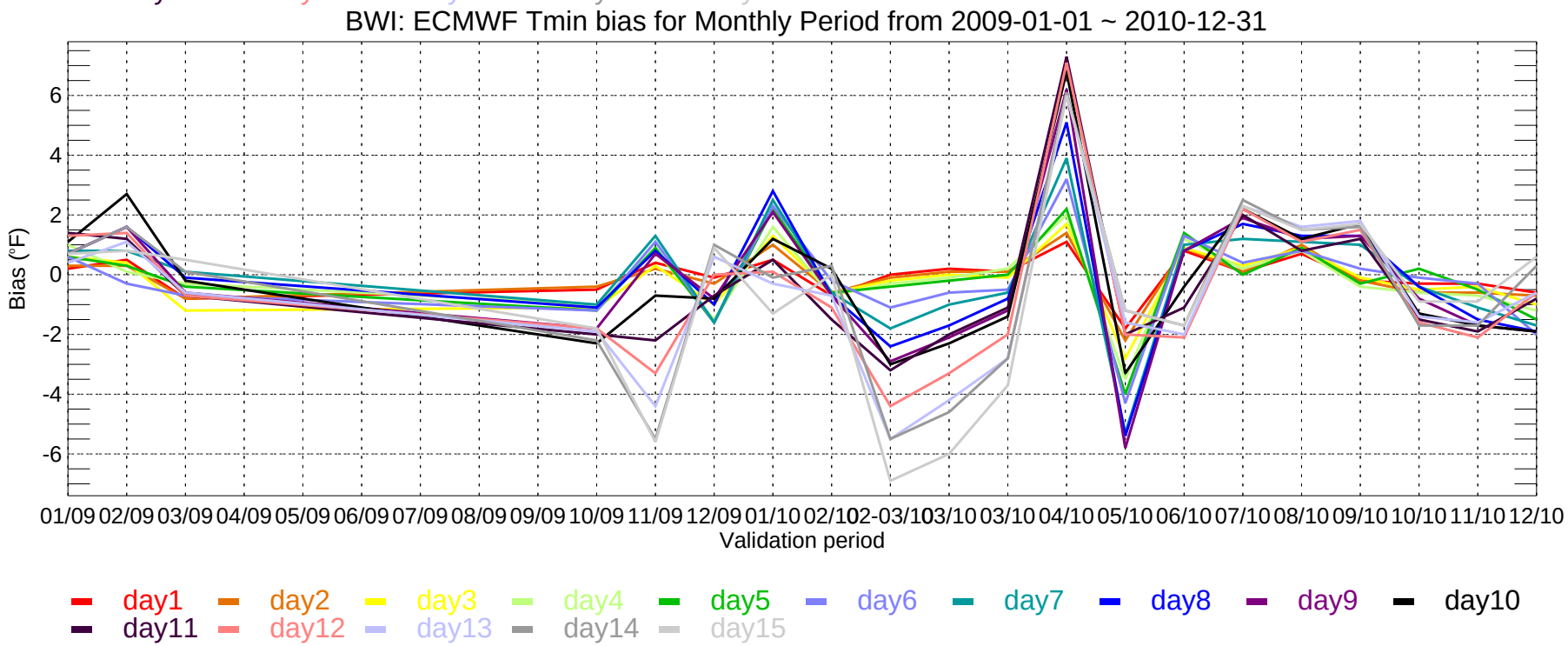

BUR: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

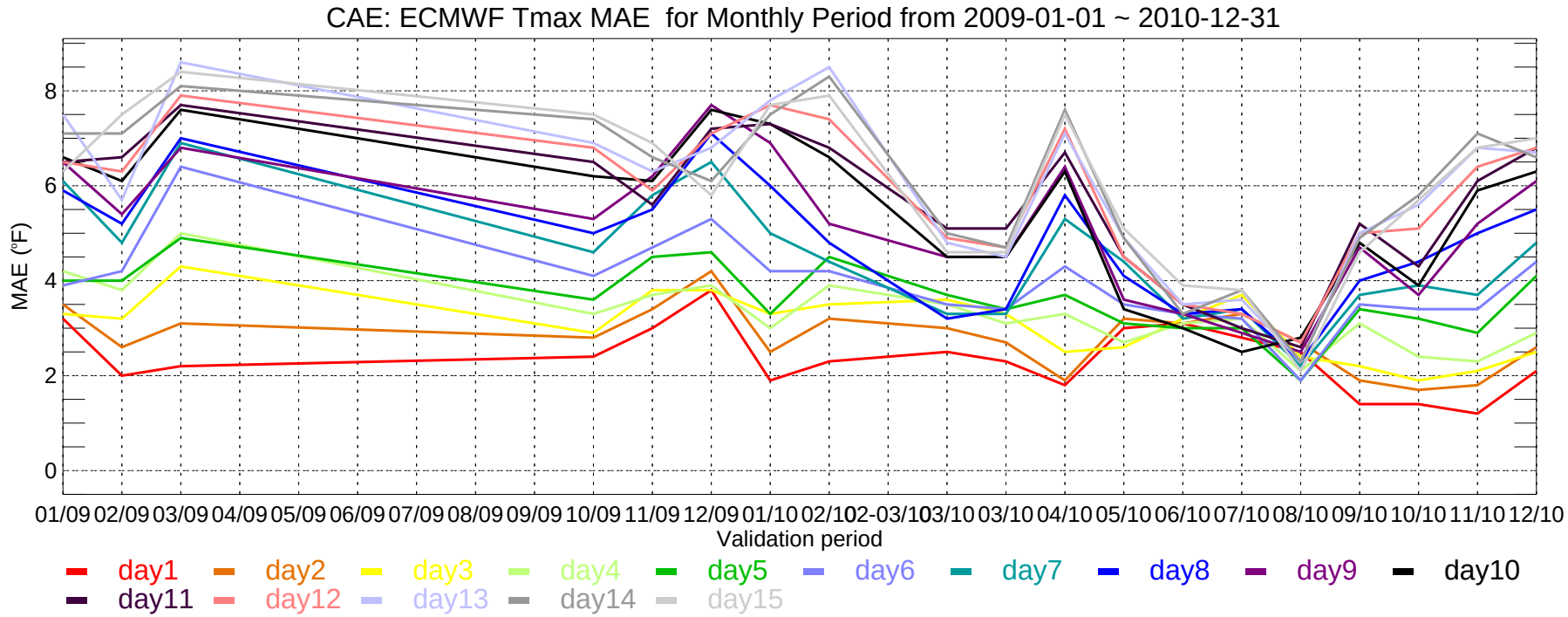

BUR: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

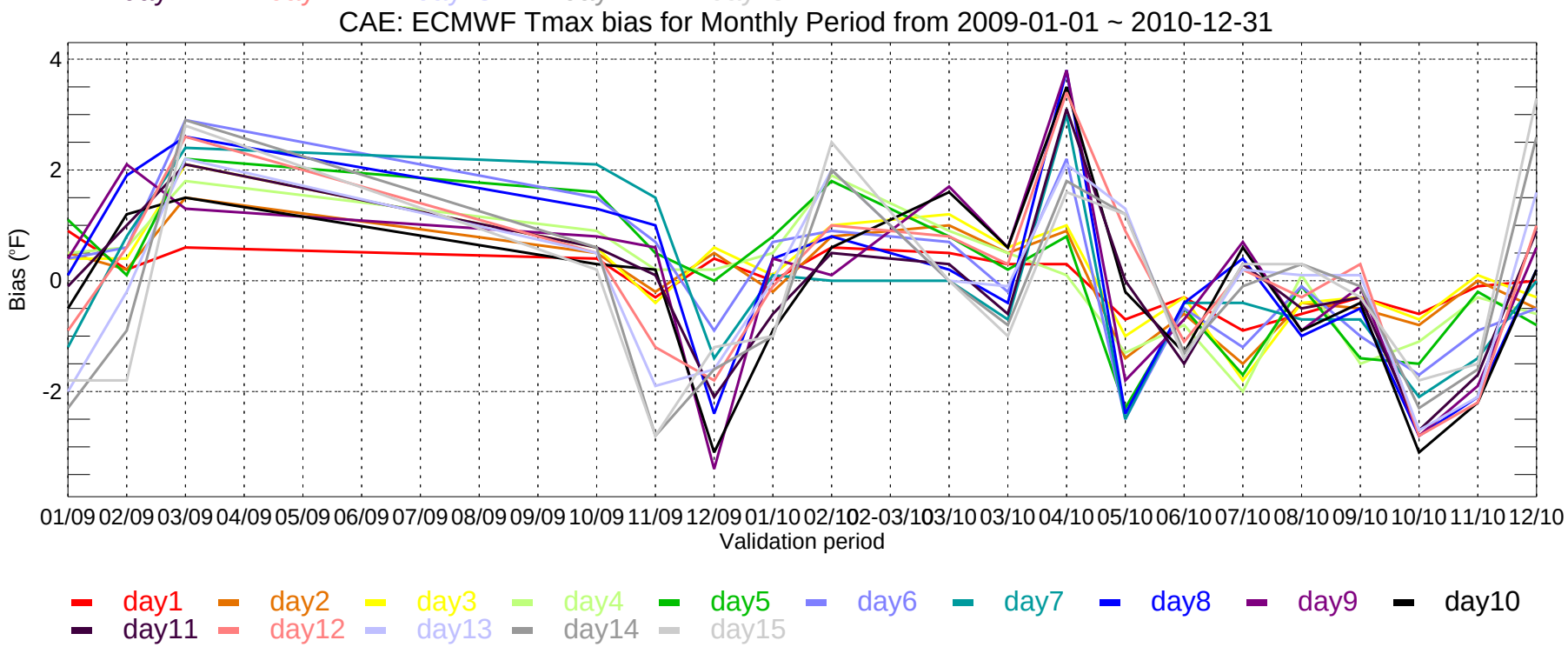

BWI: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

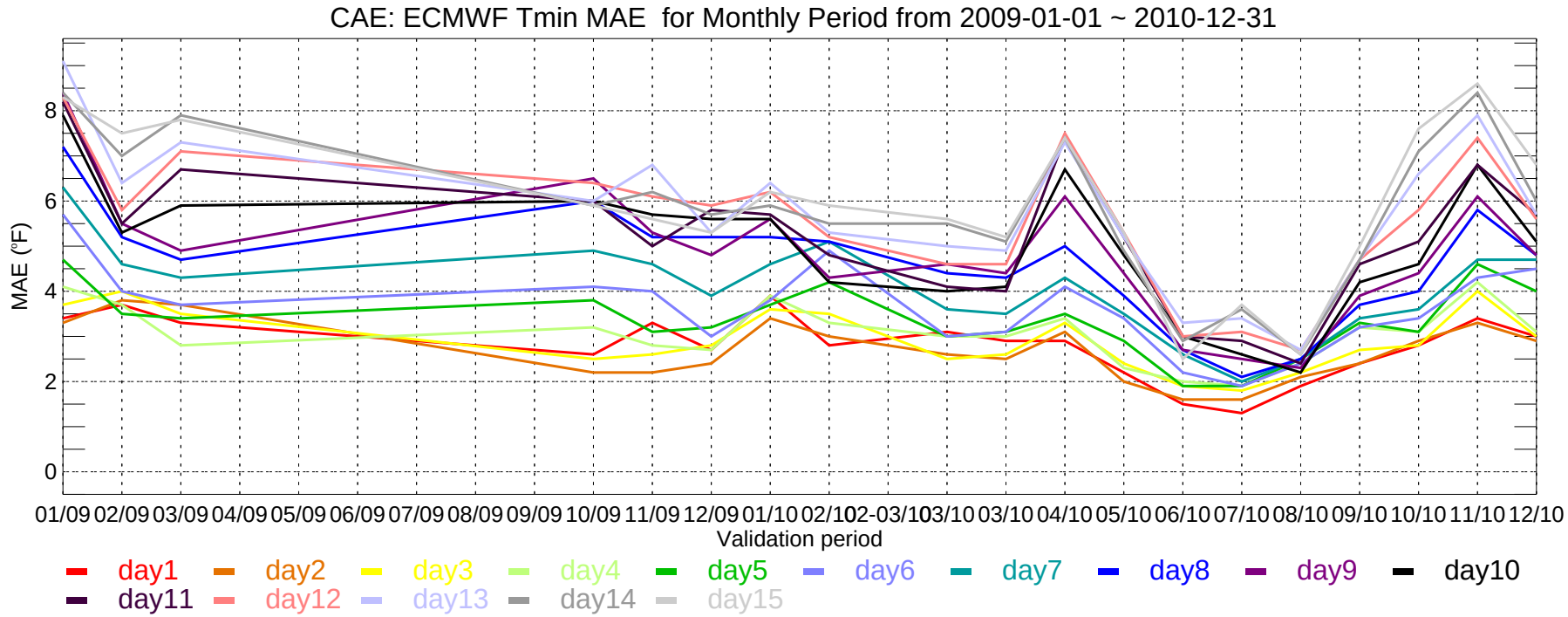

BWI: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-8
-6
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

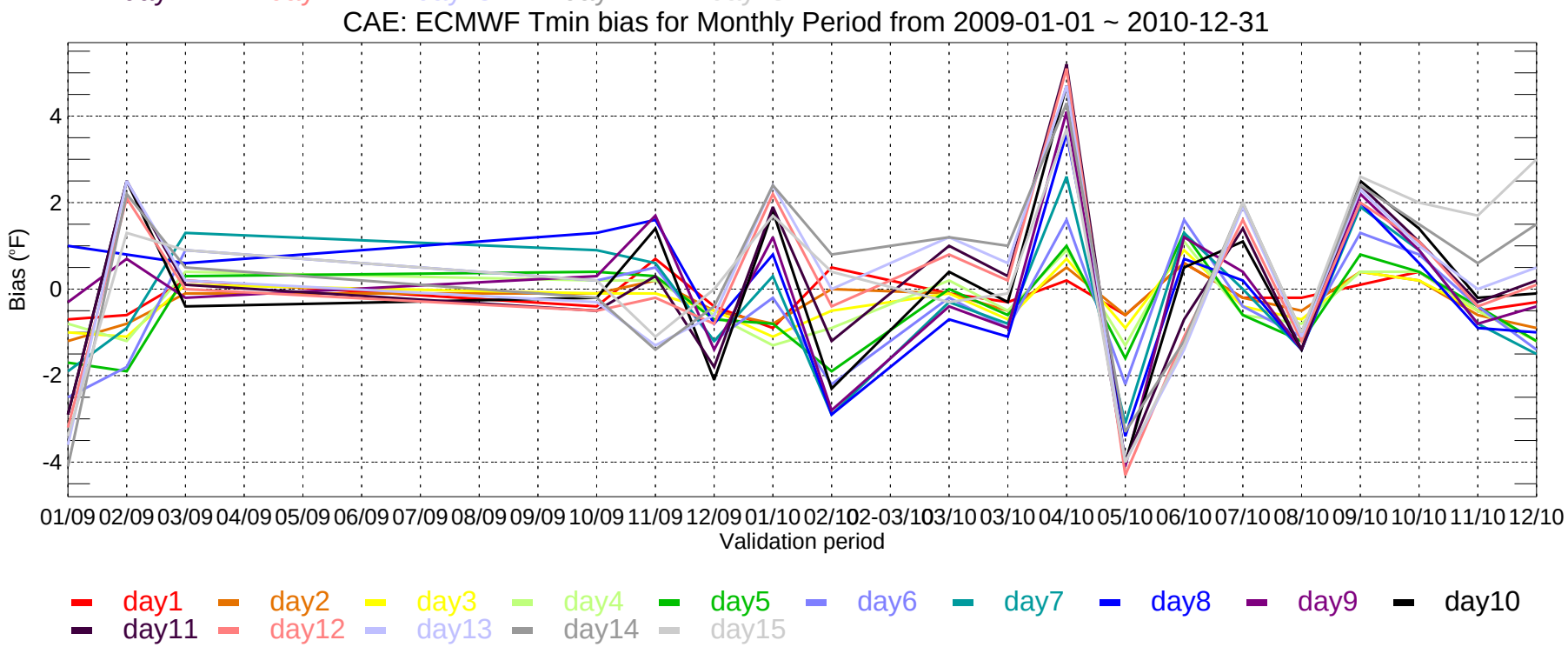

BWI: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

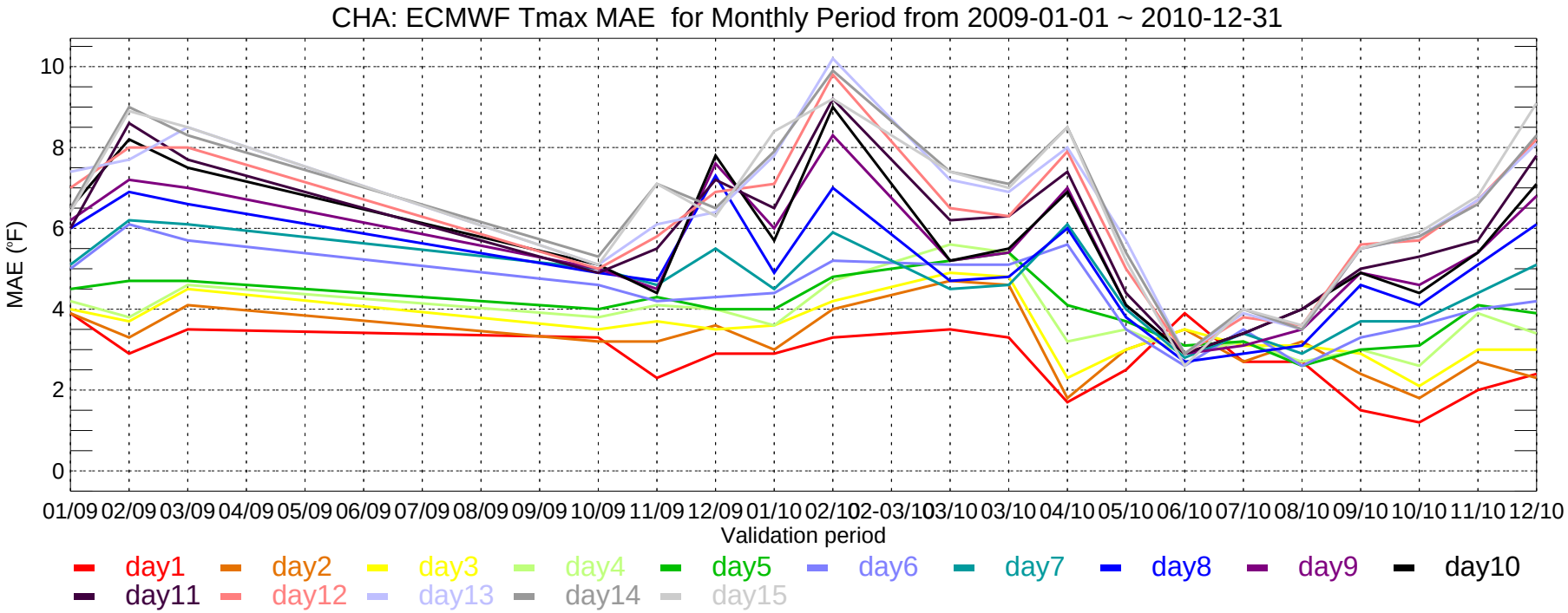

BWI: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

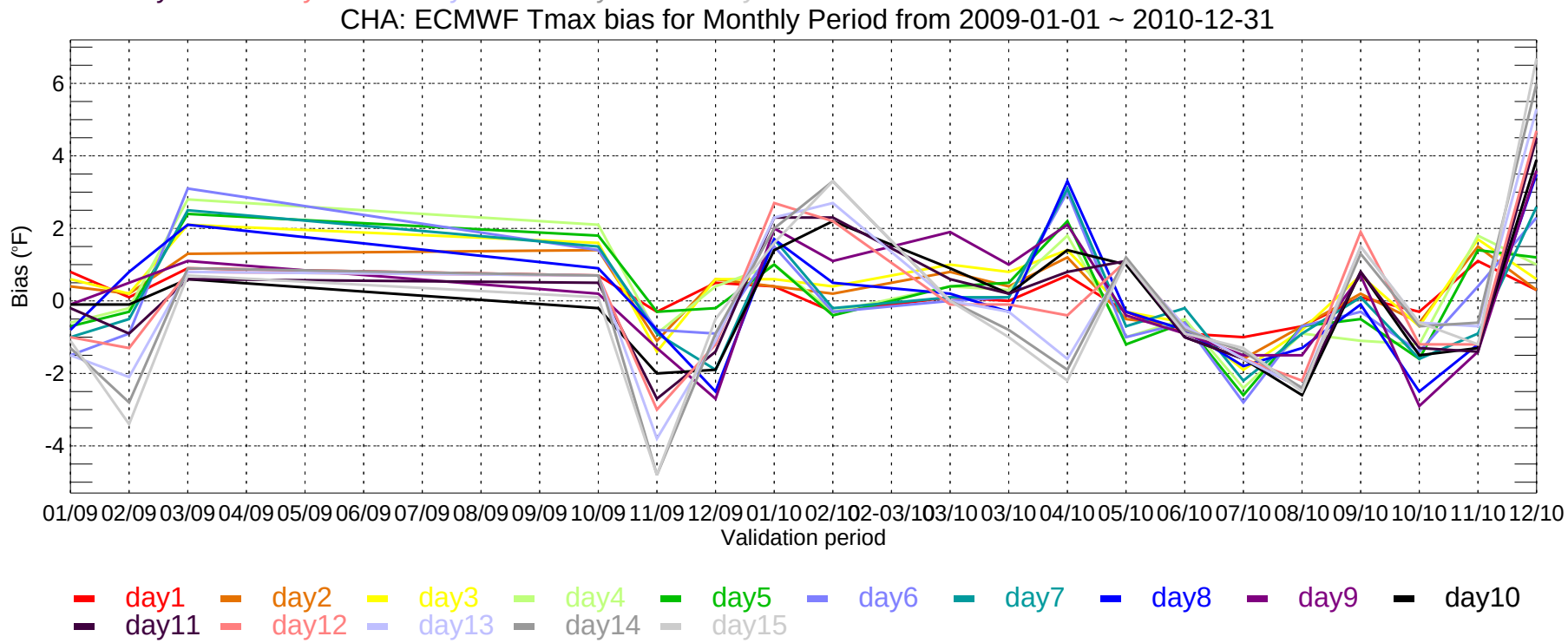

CAE: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

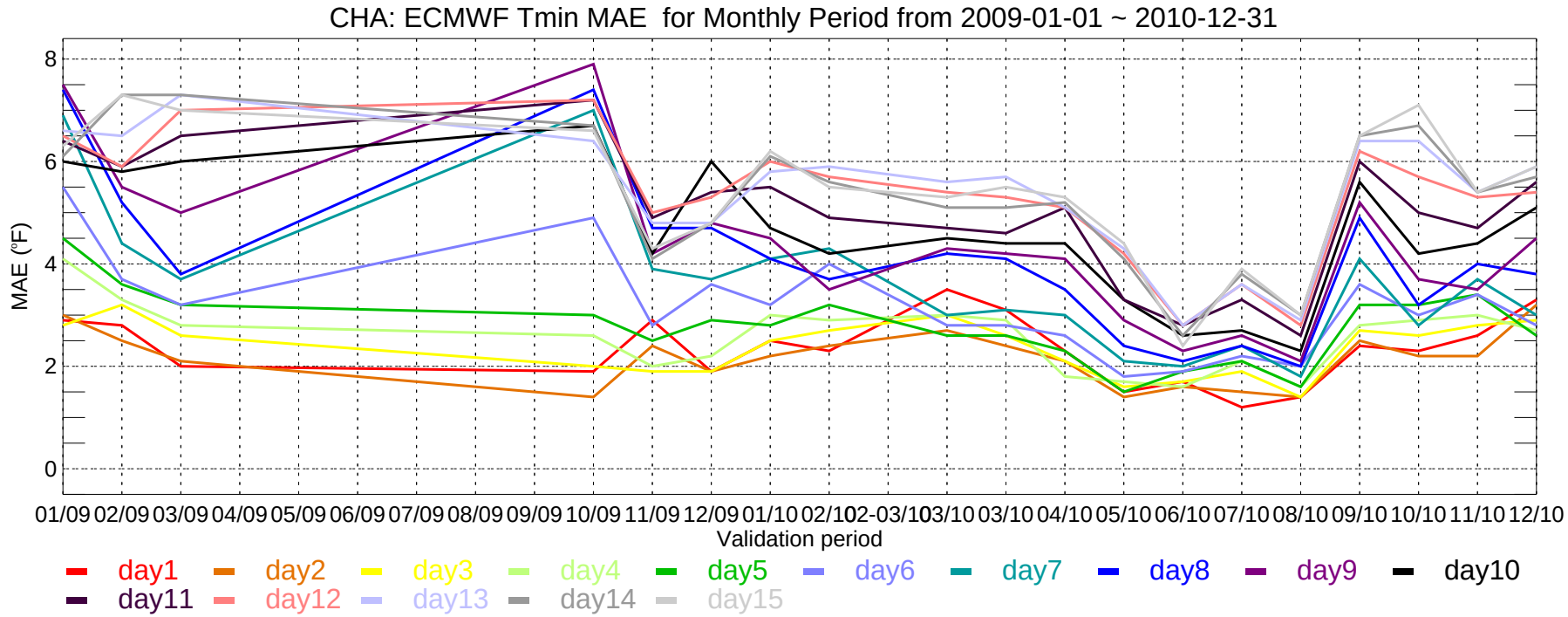

CAE: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

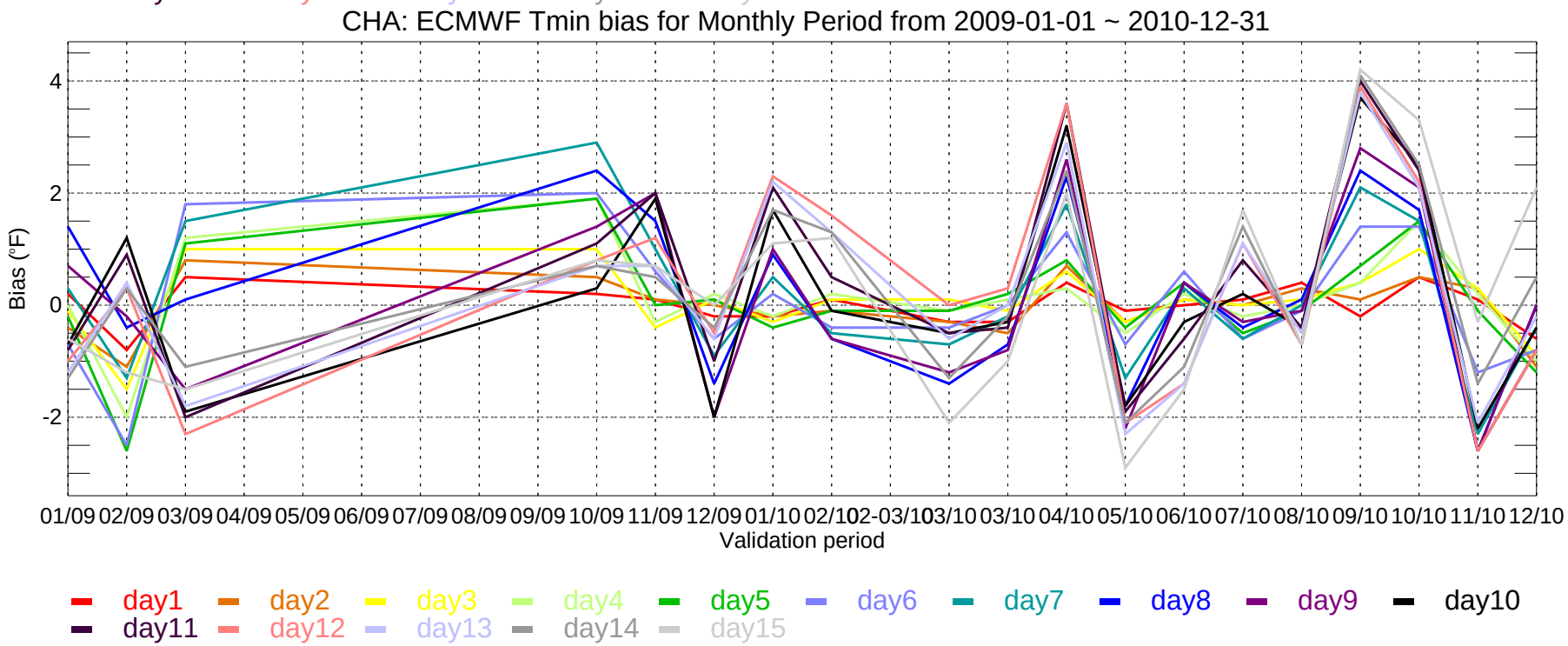

CAE: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

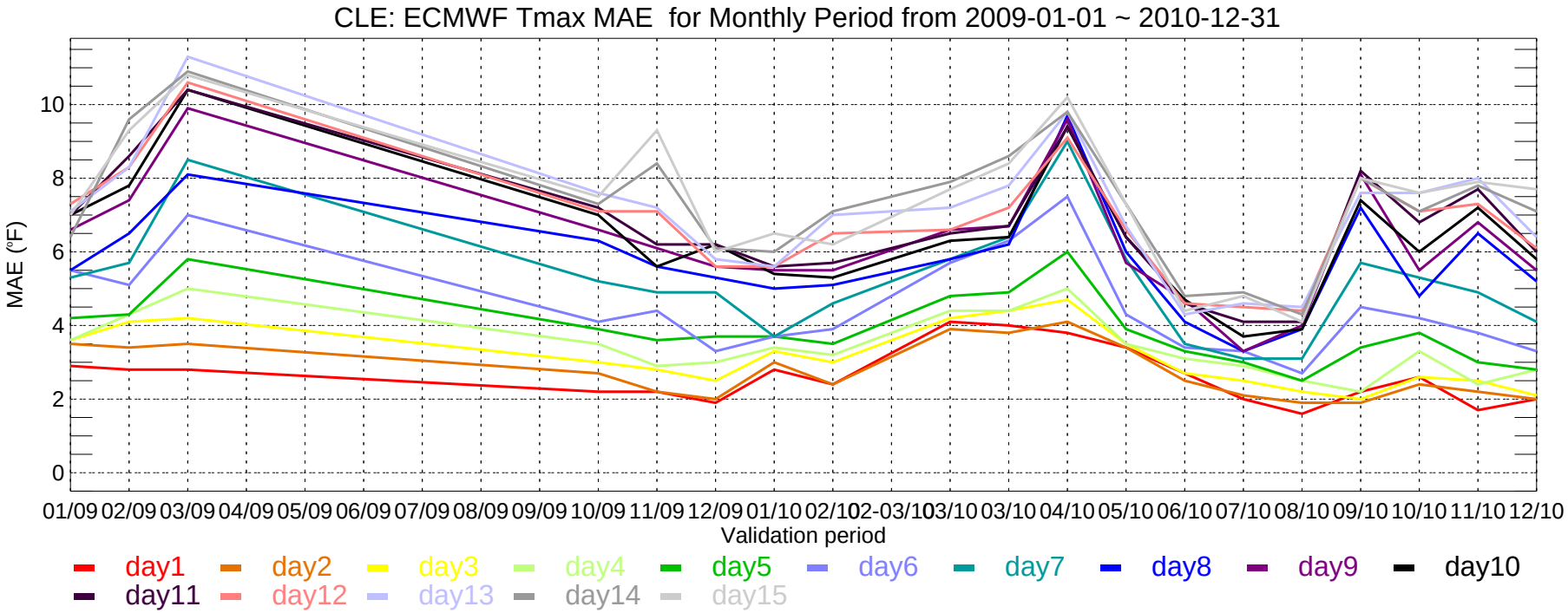

CAE: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

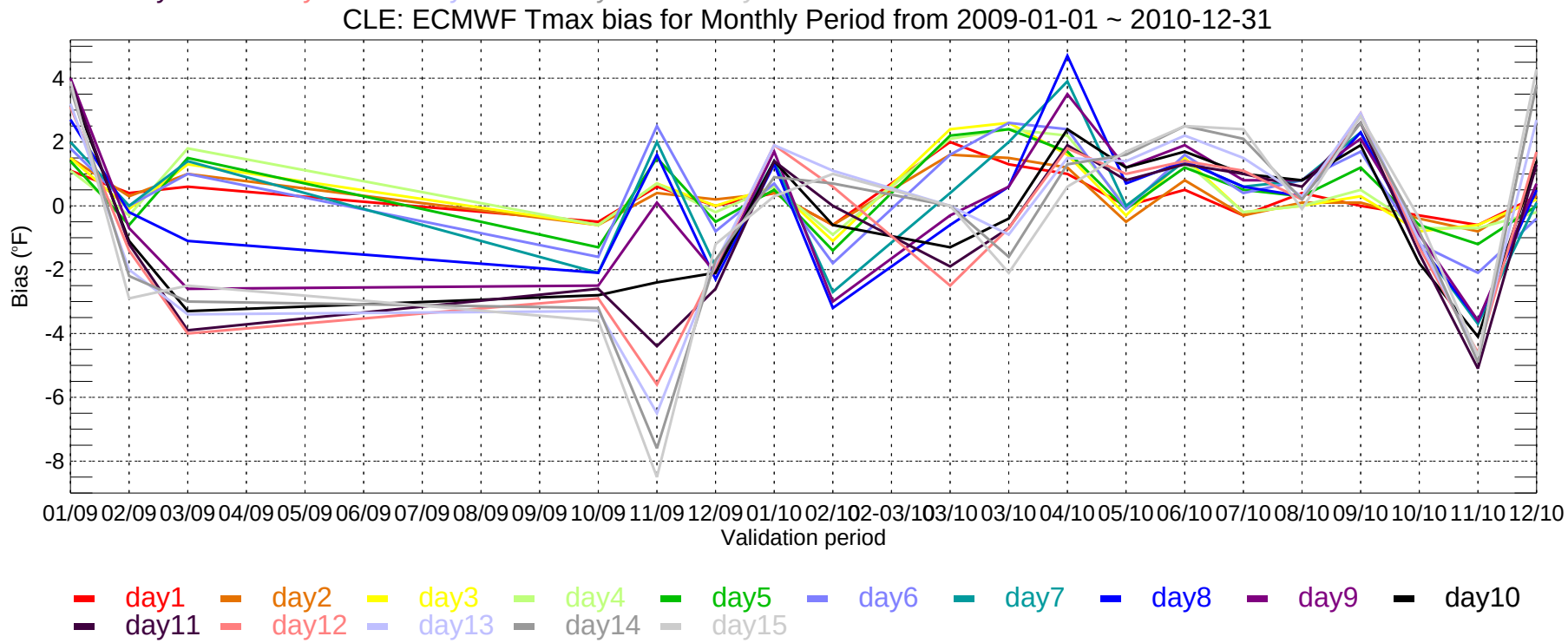

CHA: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

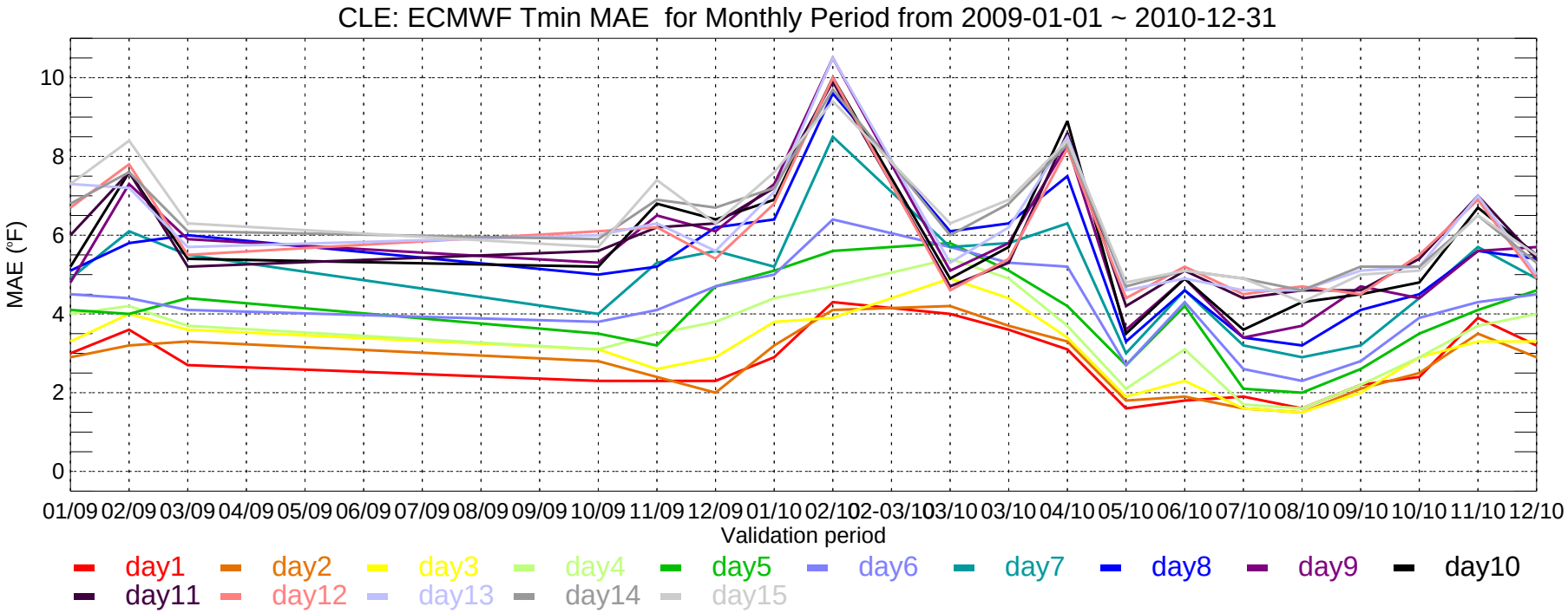

CHA: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

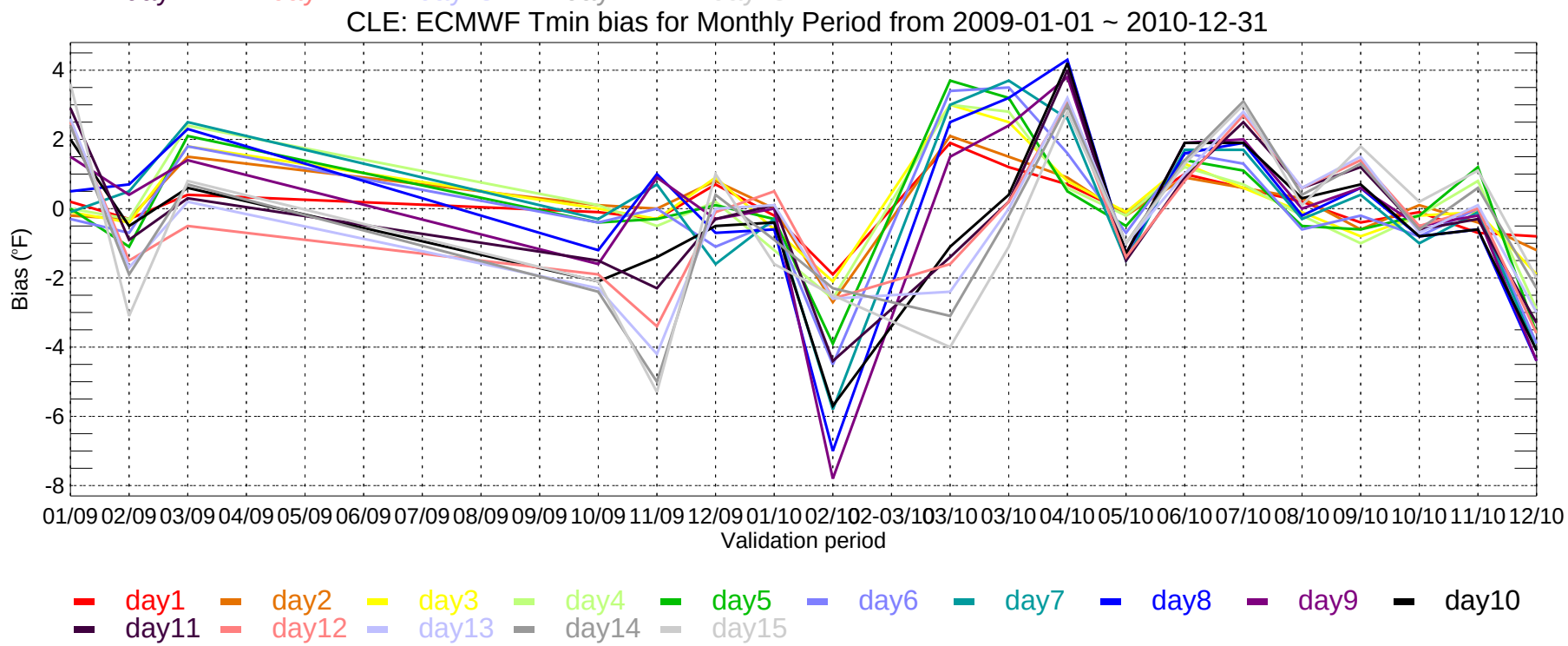

CHA: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

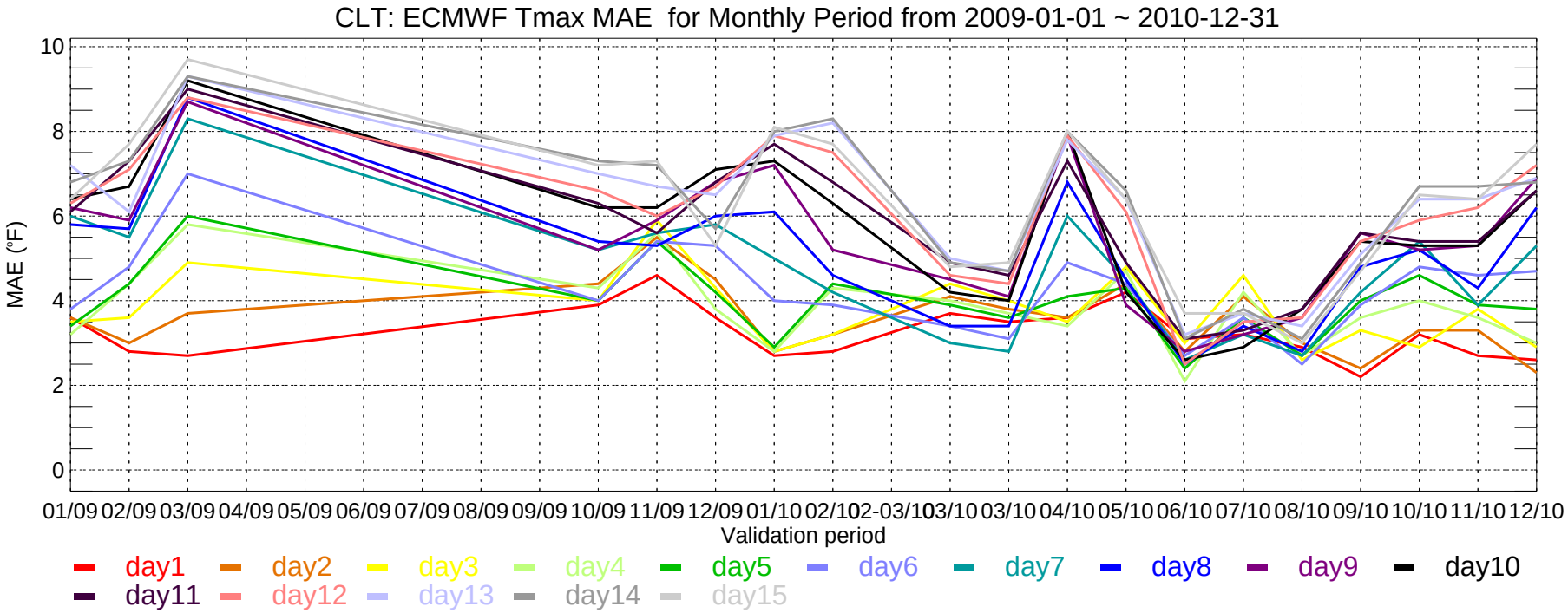

CHA: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

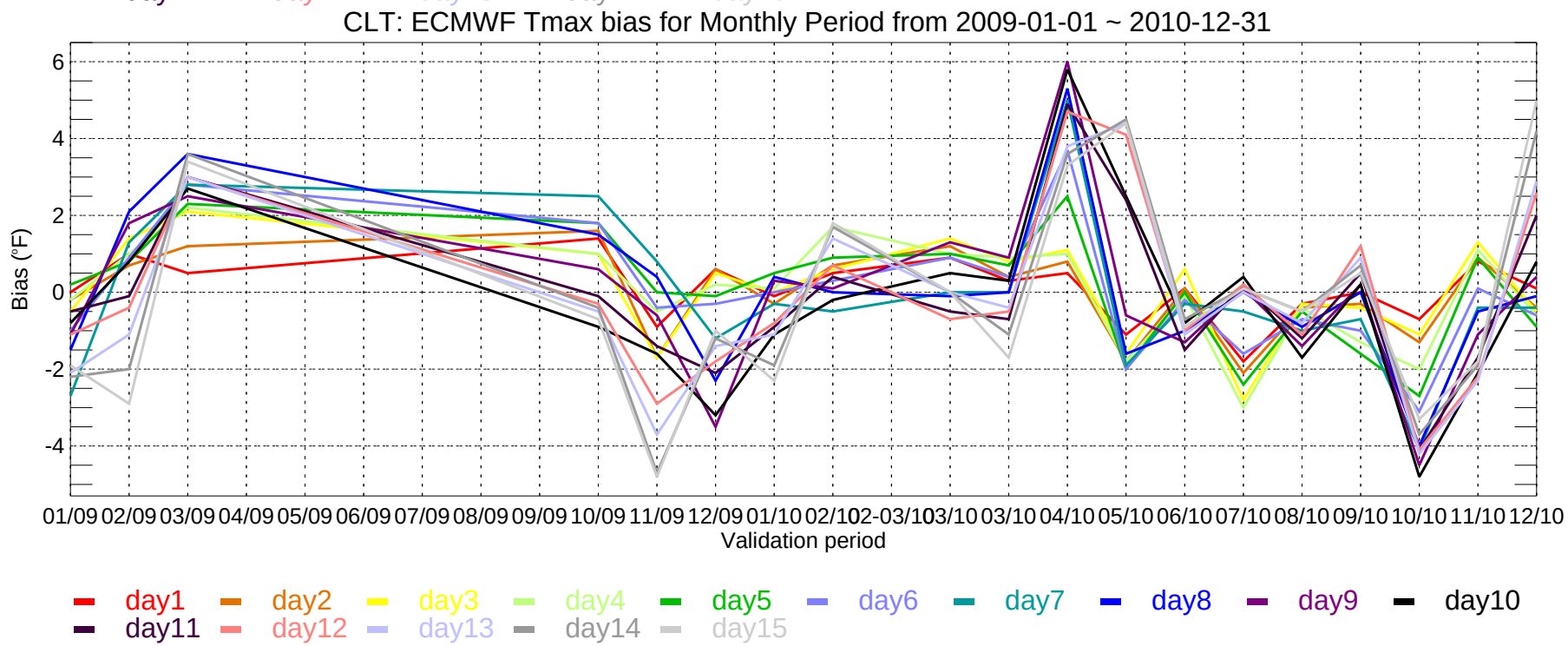

CLE: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

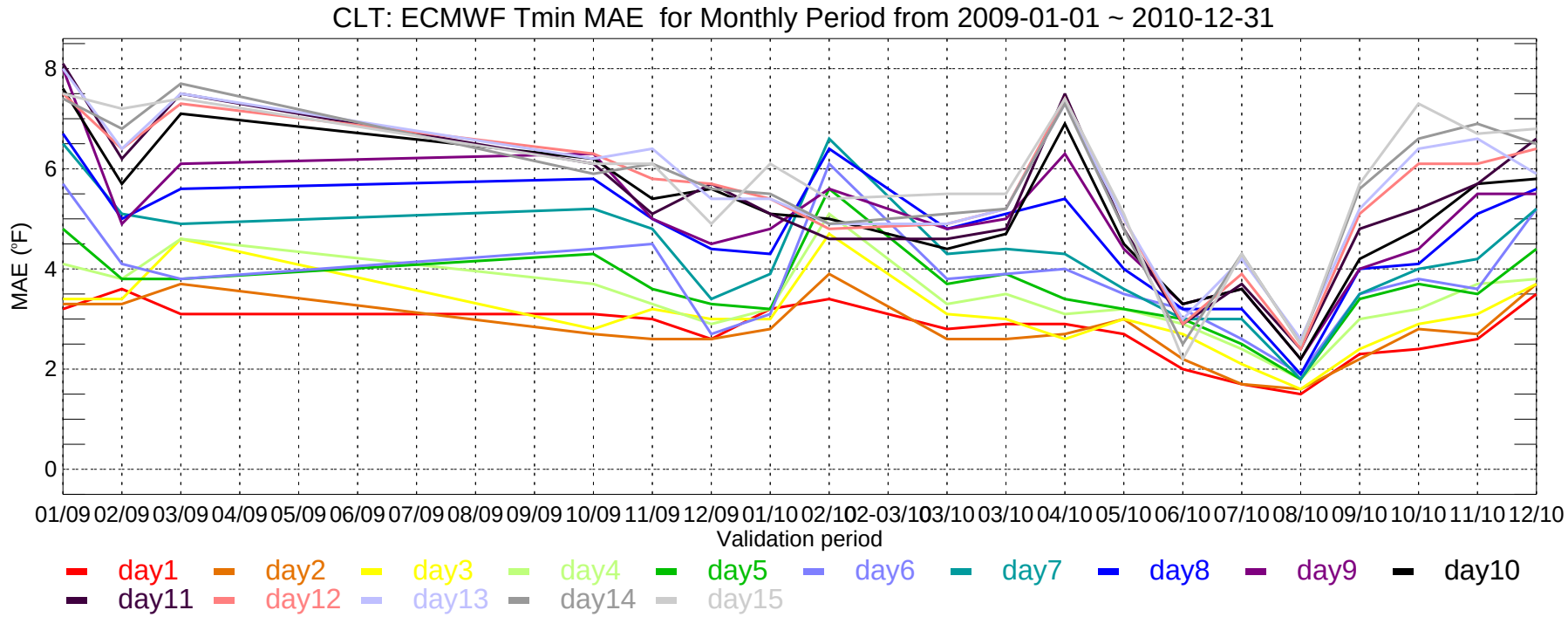

CLE: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

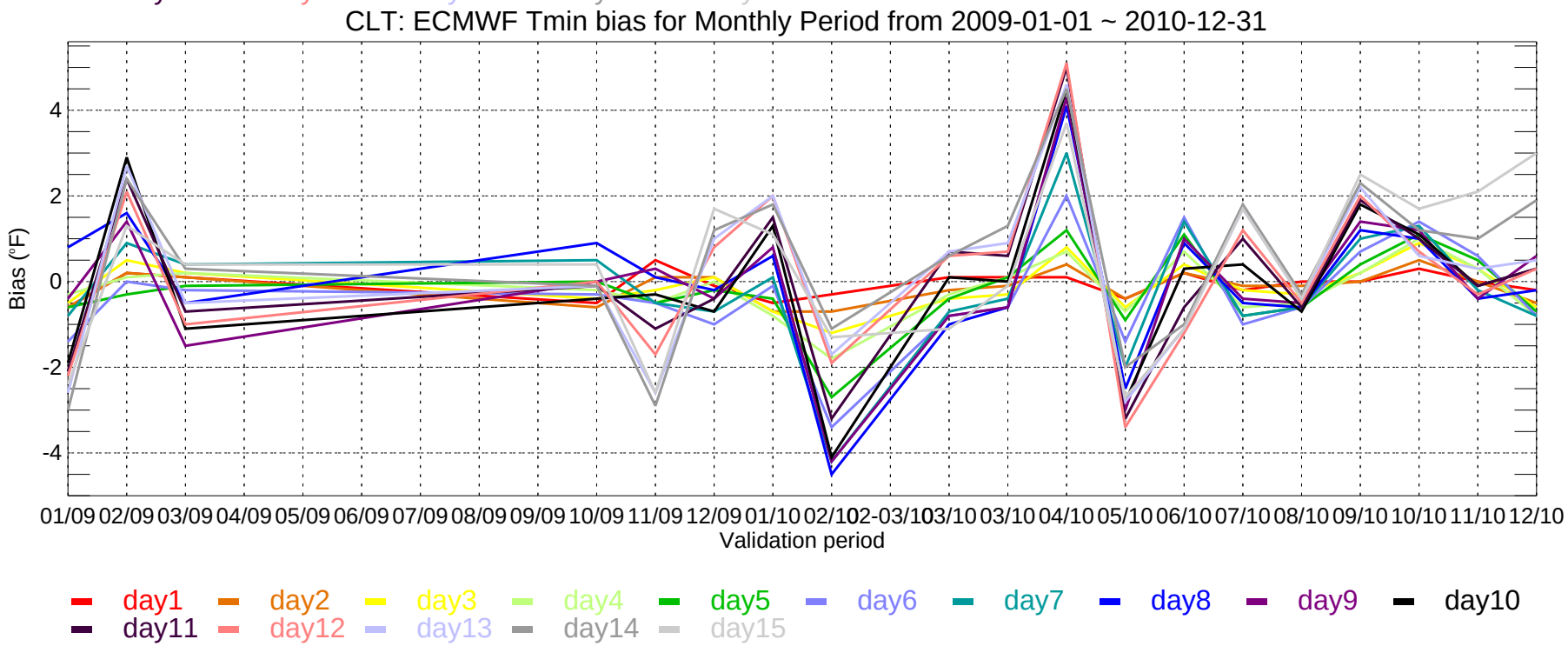

CLE: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

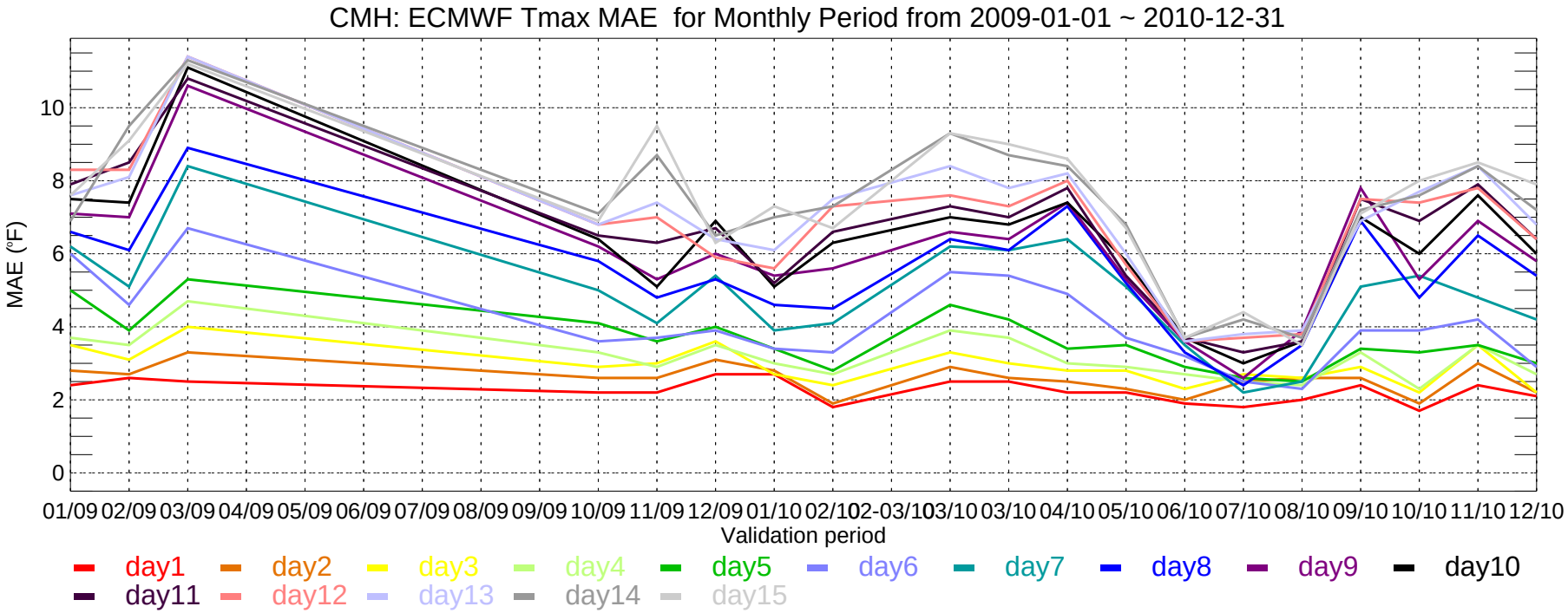

CLE: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

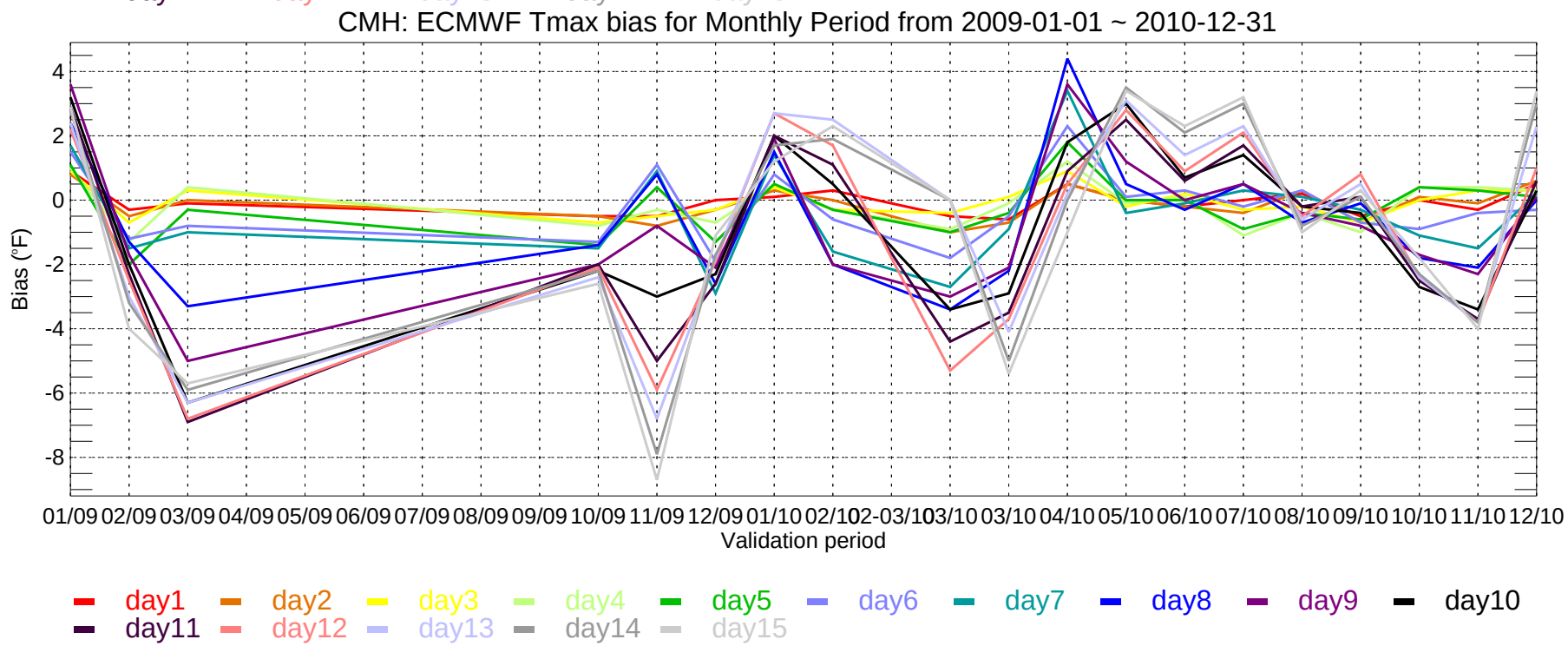

CLT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

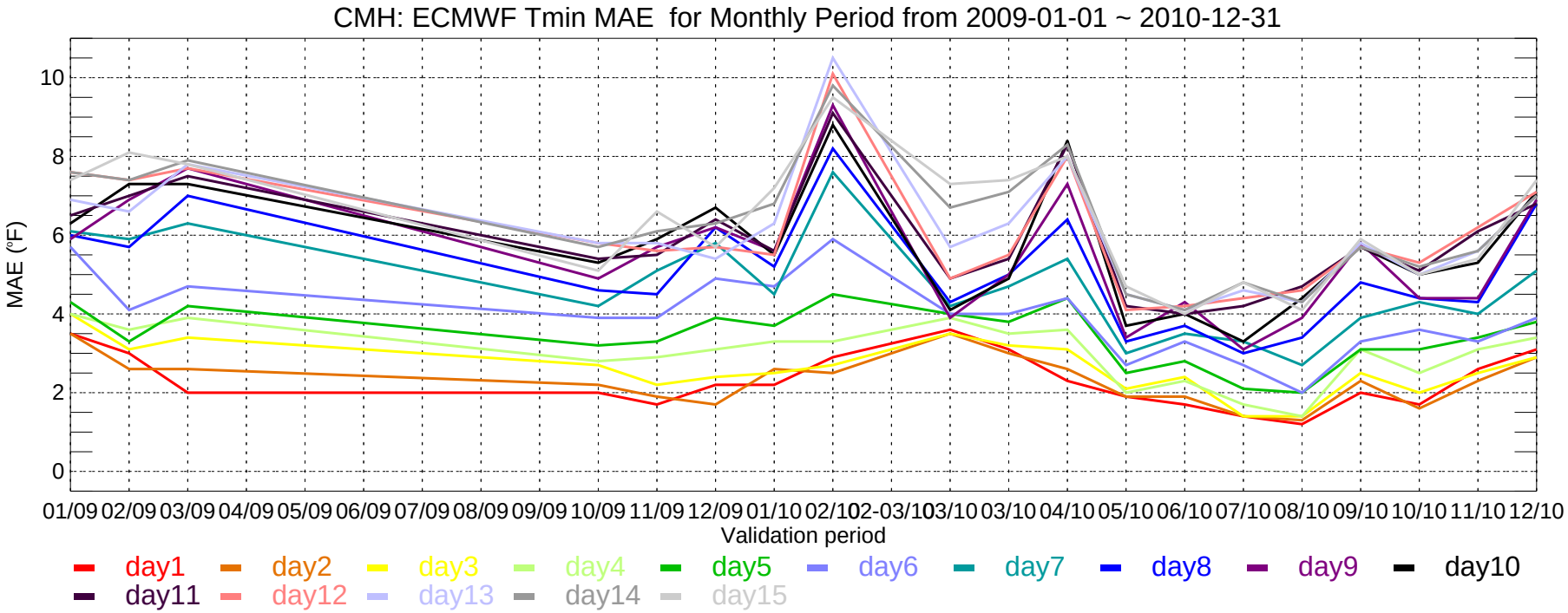

CLT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

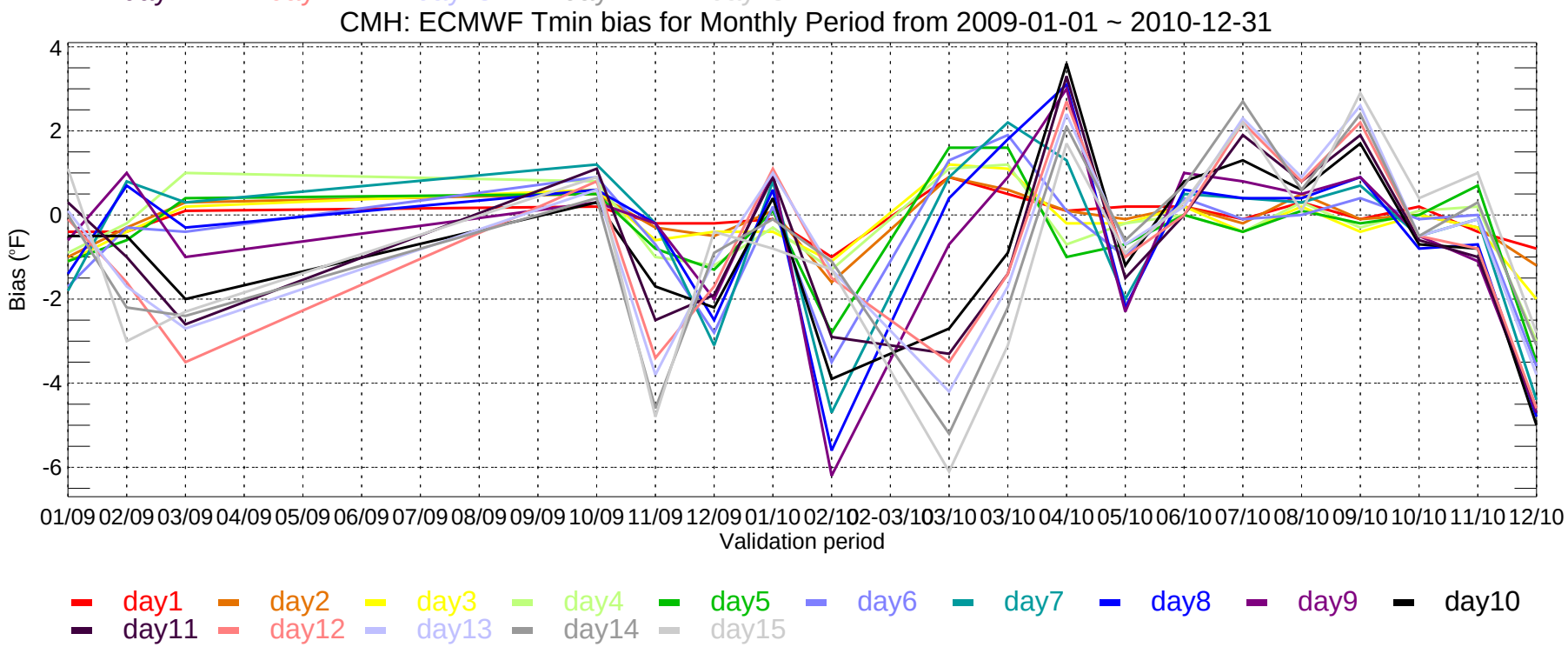

CLT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

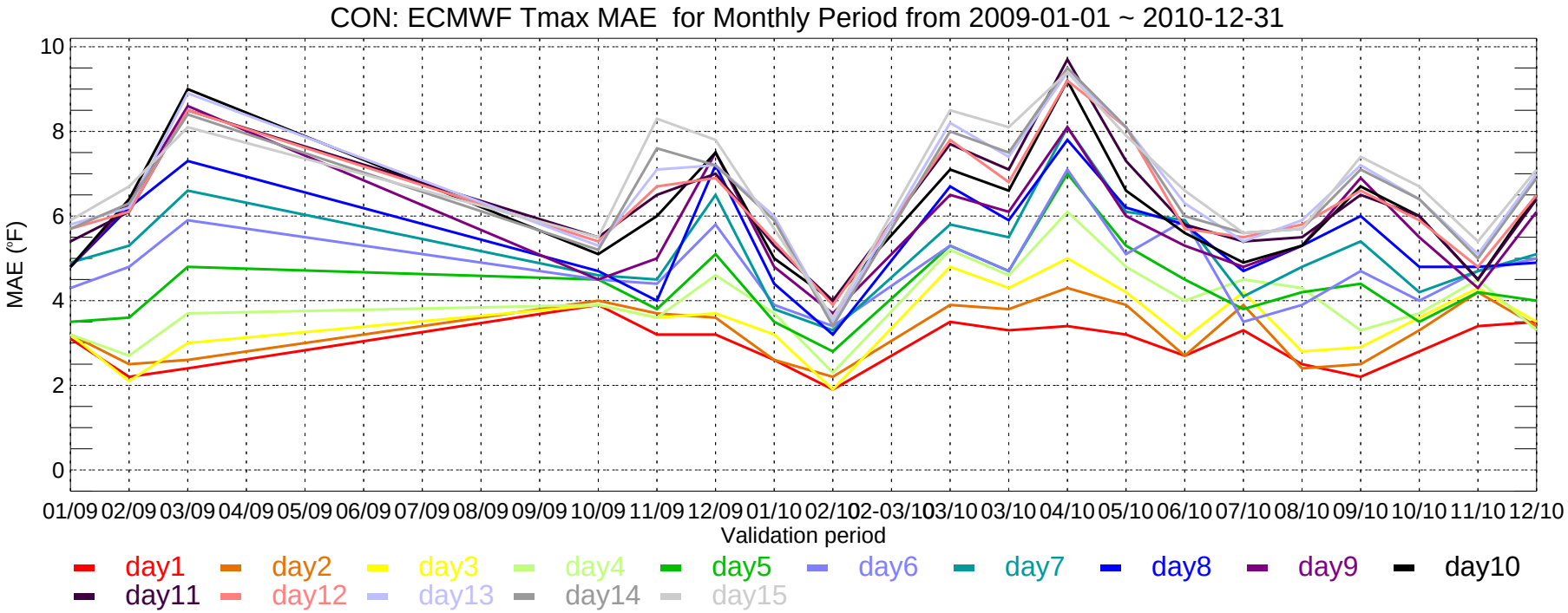

CLT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

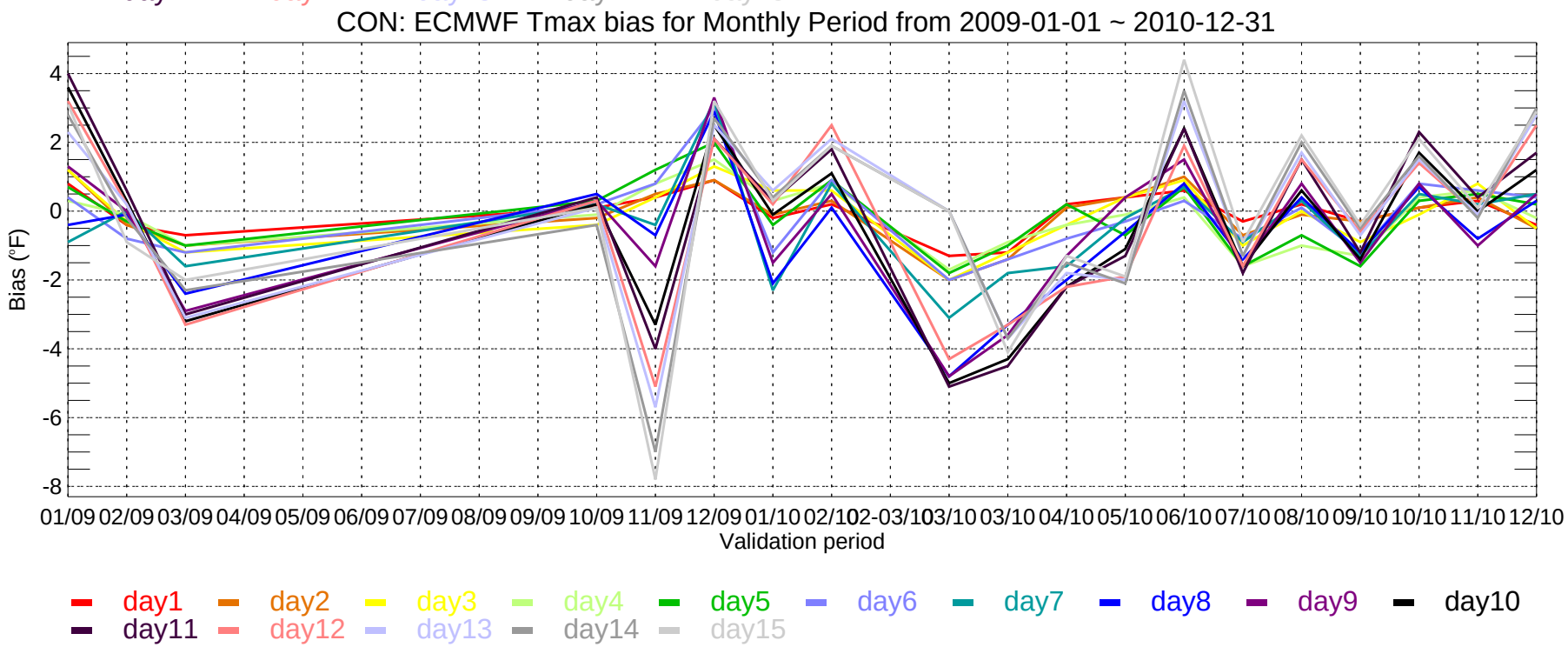

CMH: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

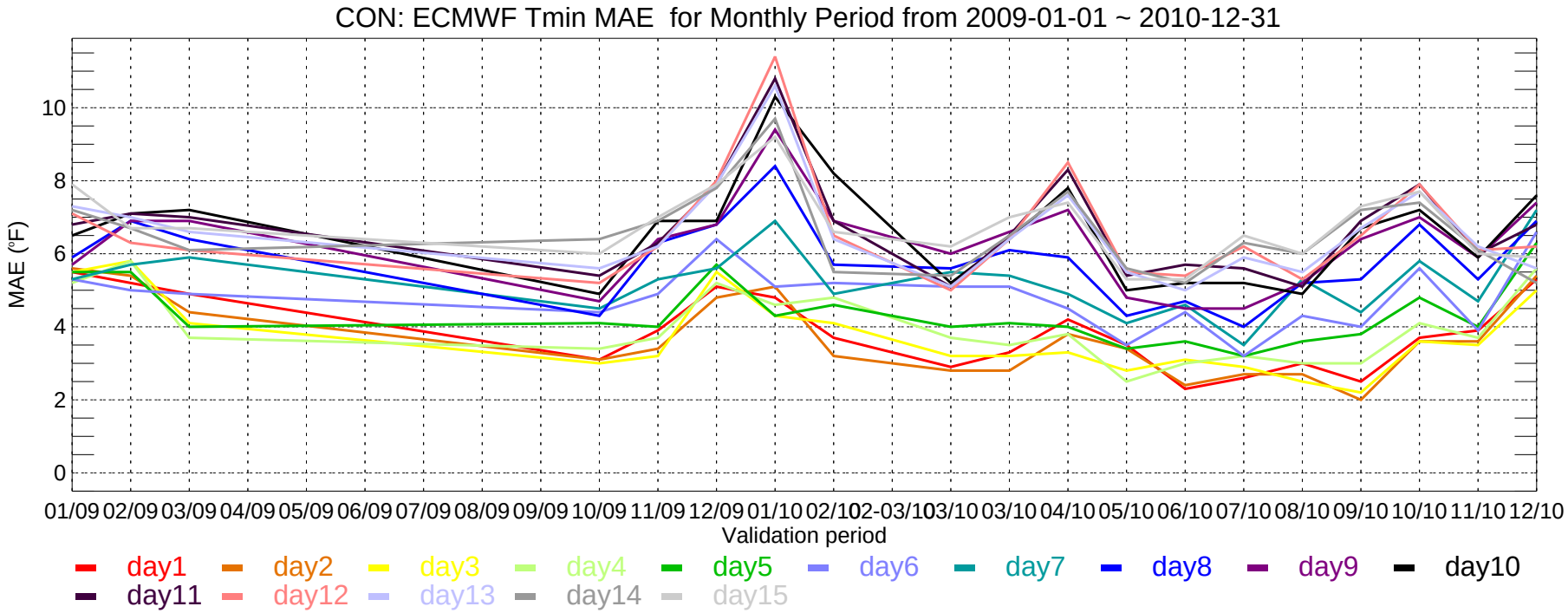

CMH: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

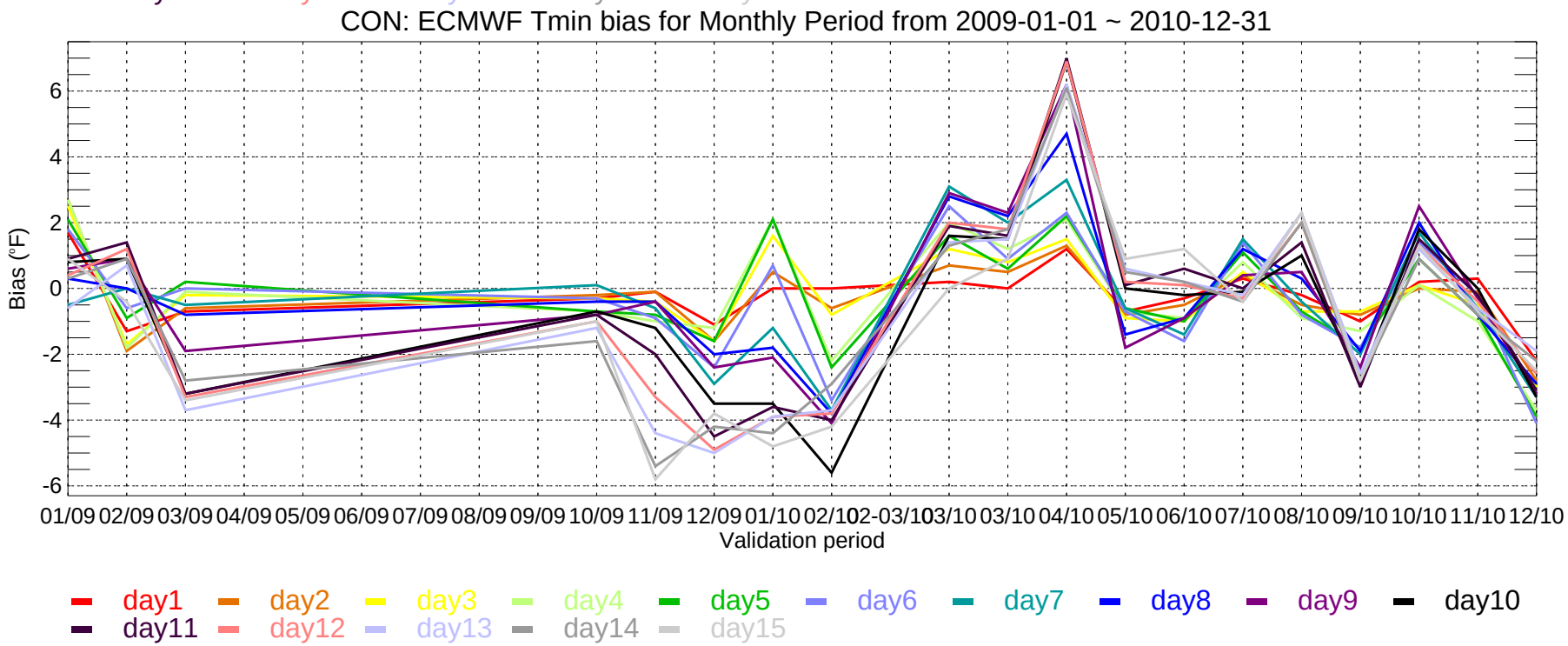

CMH: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

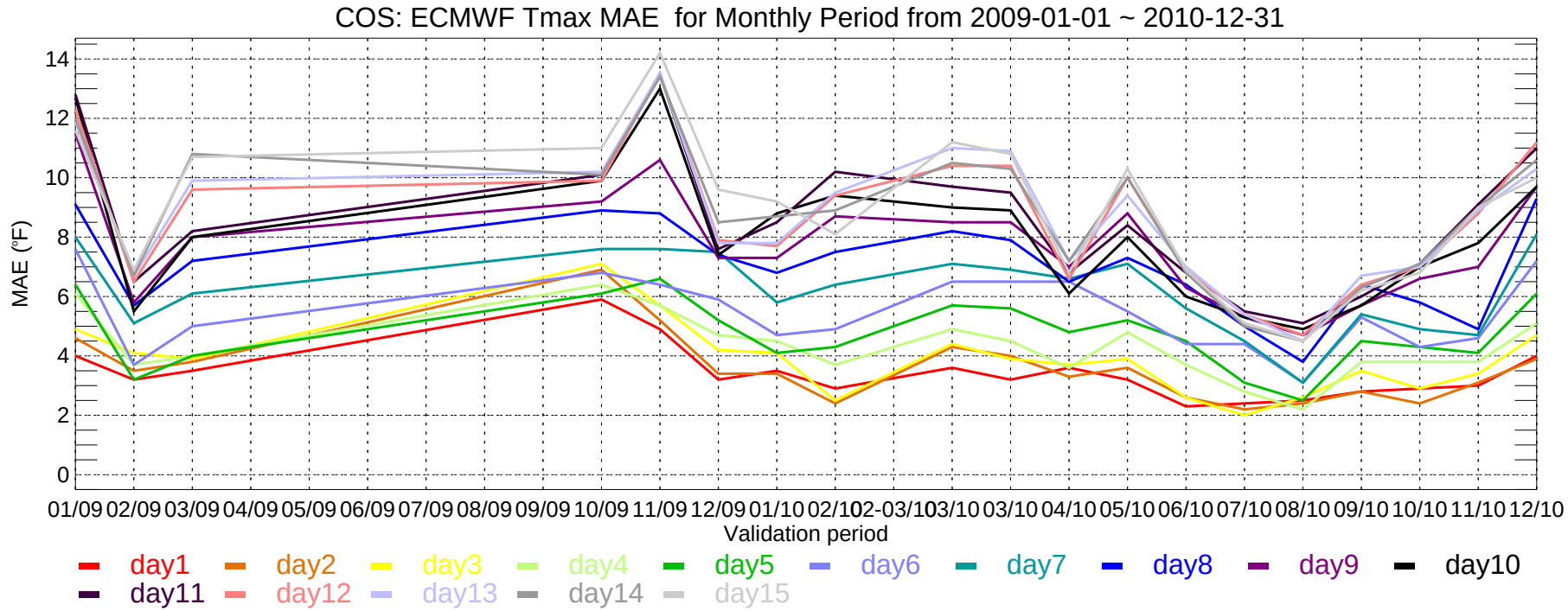

CMH: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

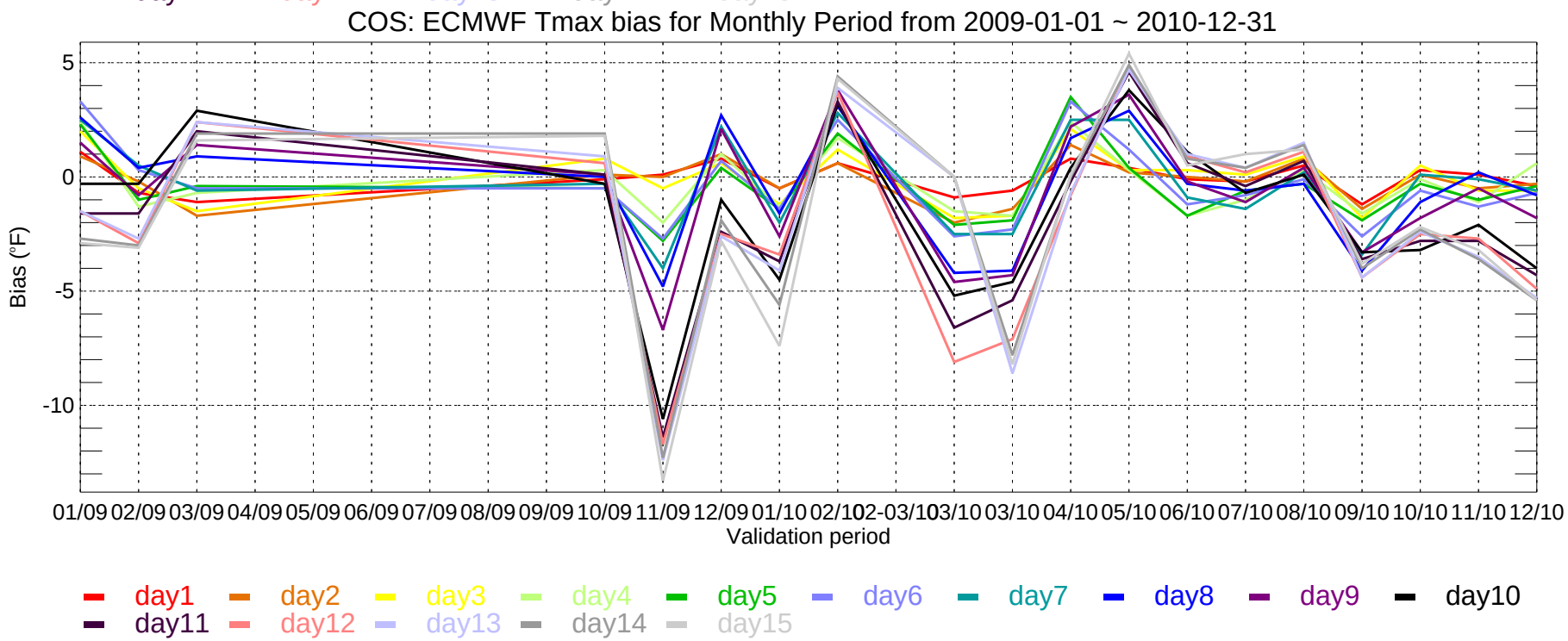

CON: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

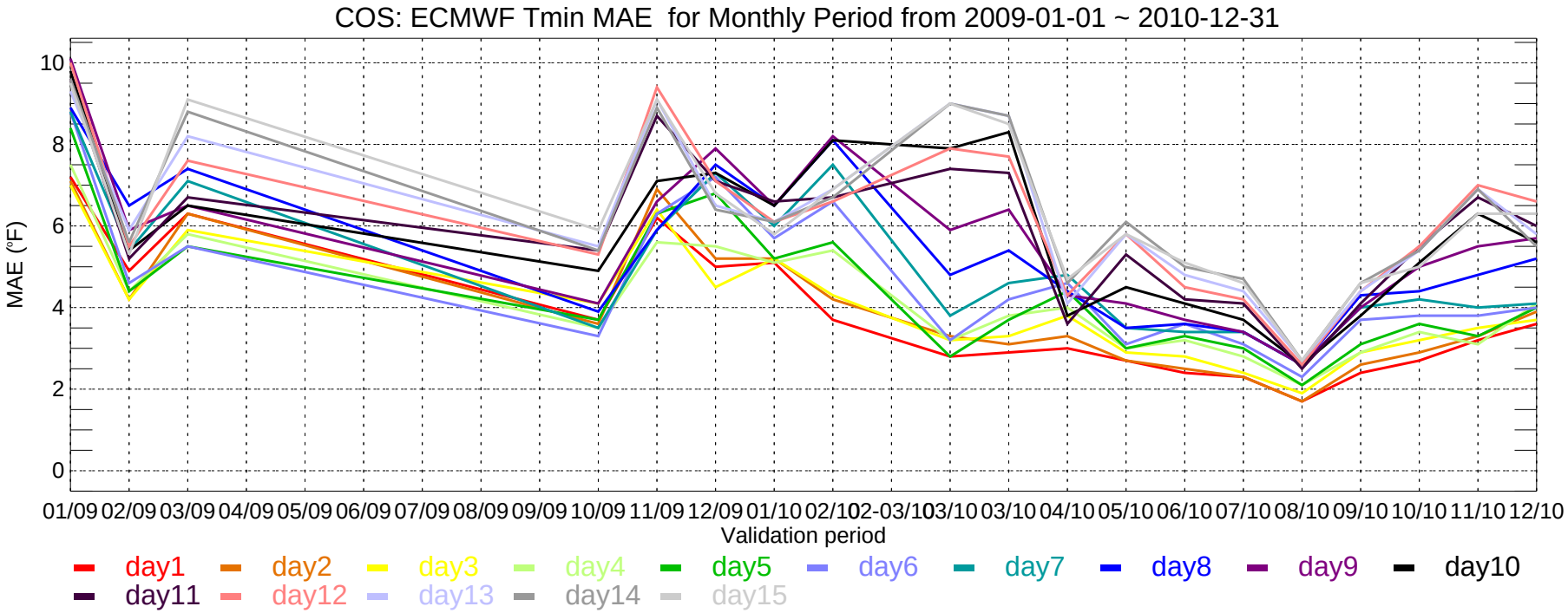

CON: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

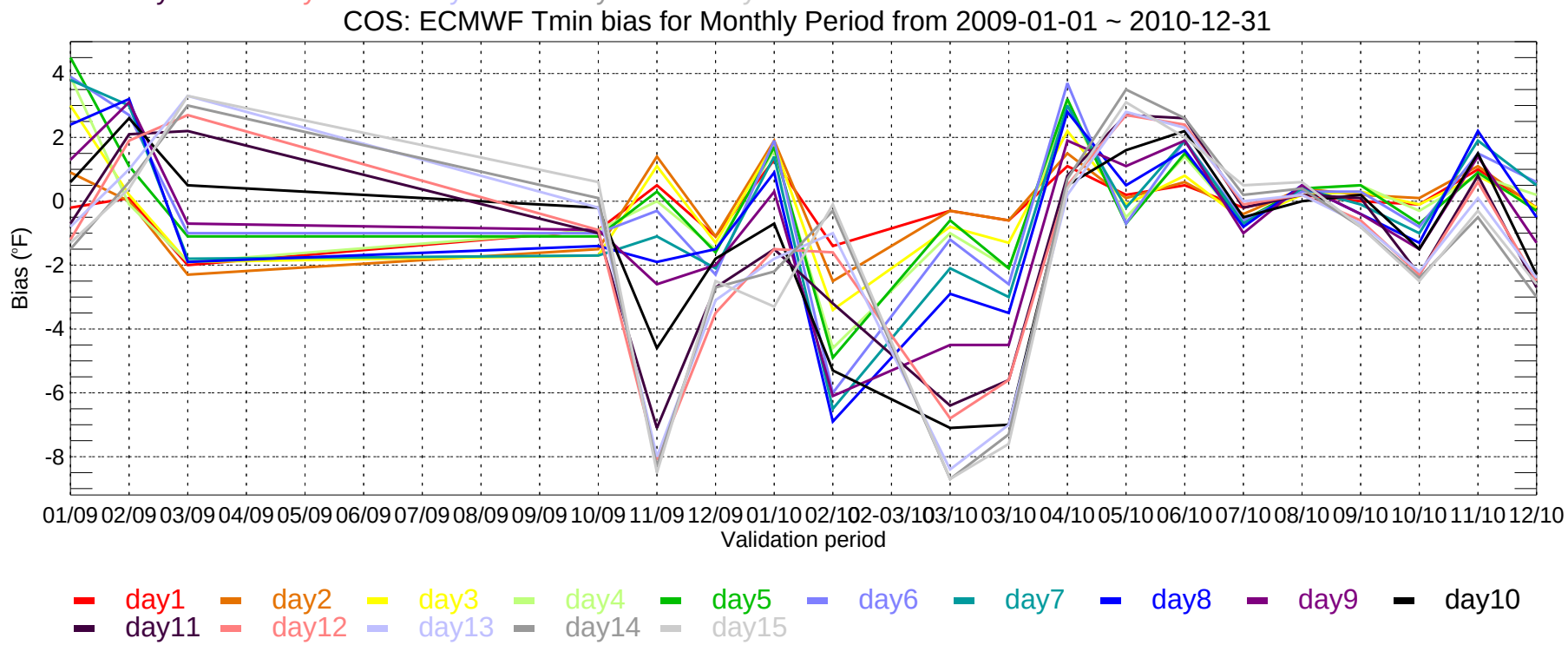

CON: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

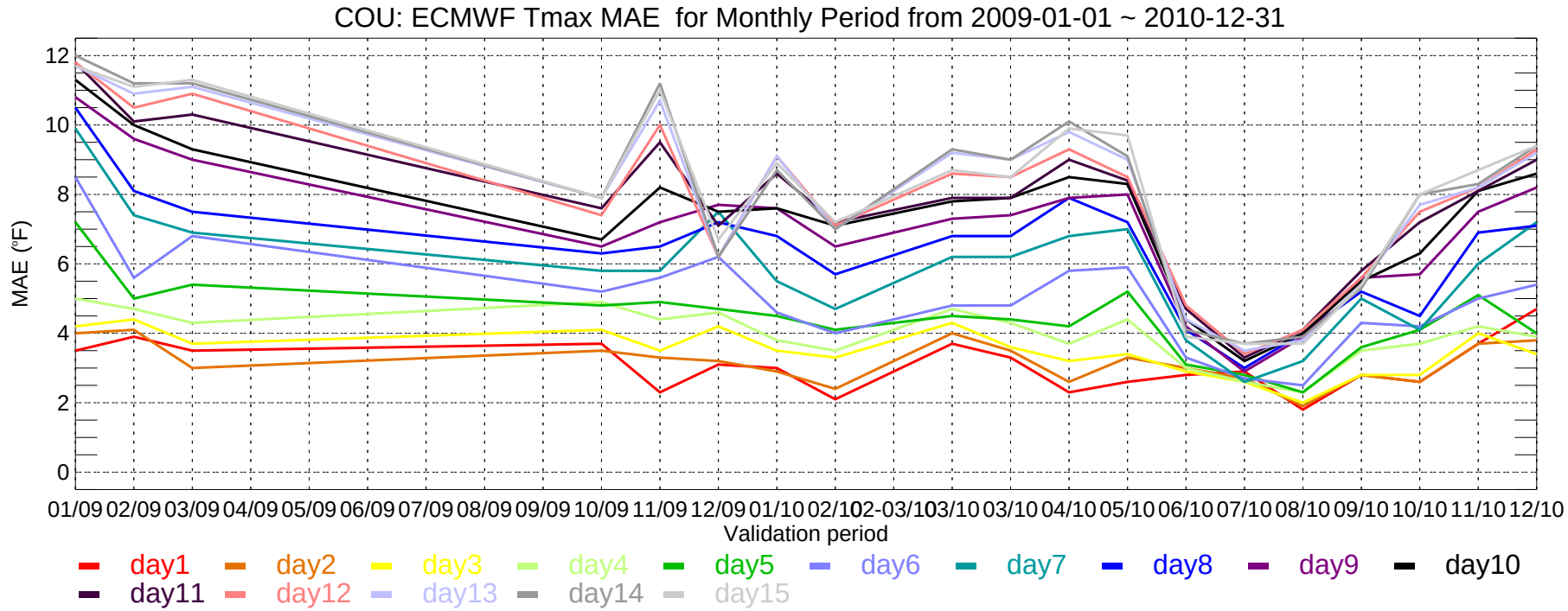

CON: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

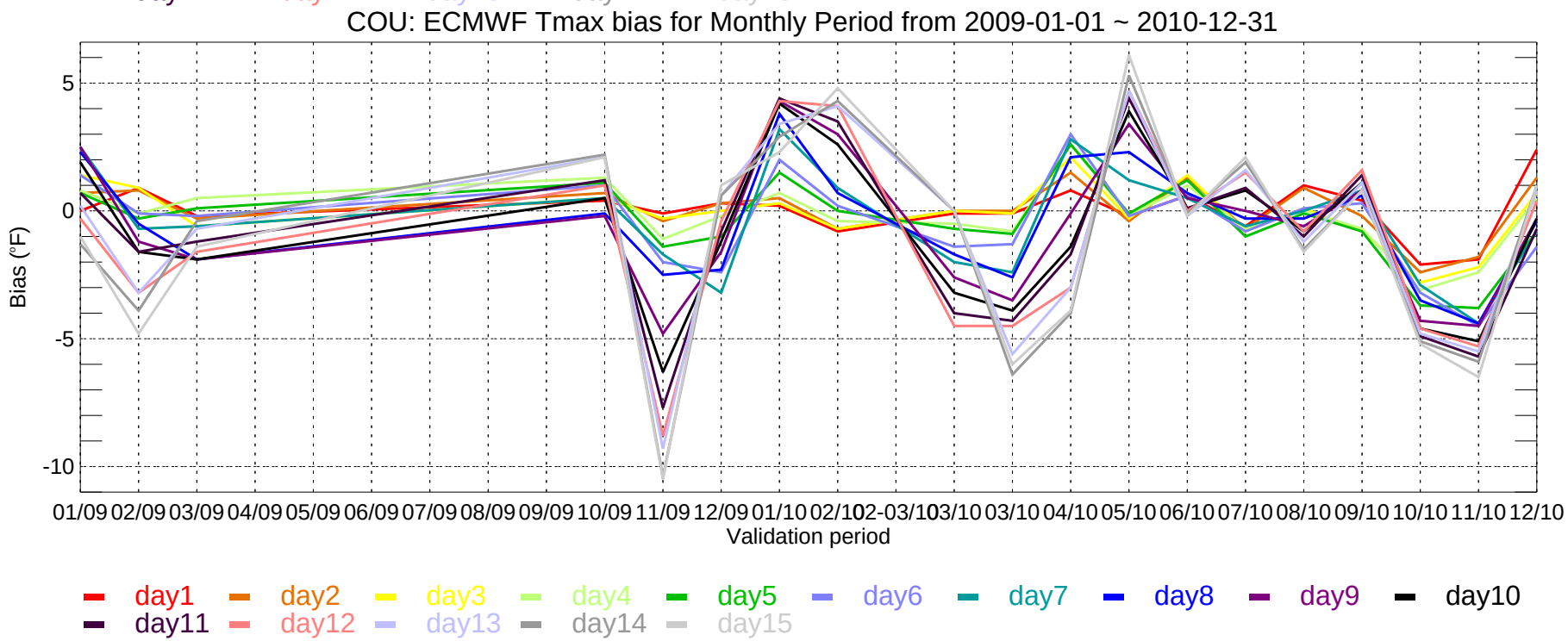

COS: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
14
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

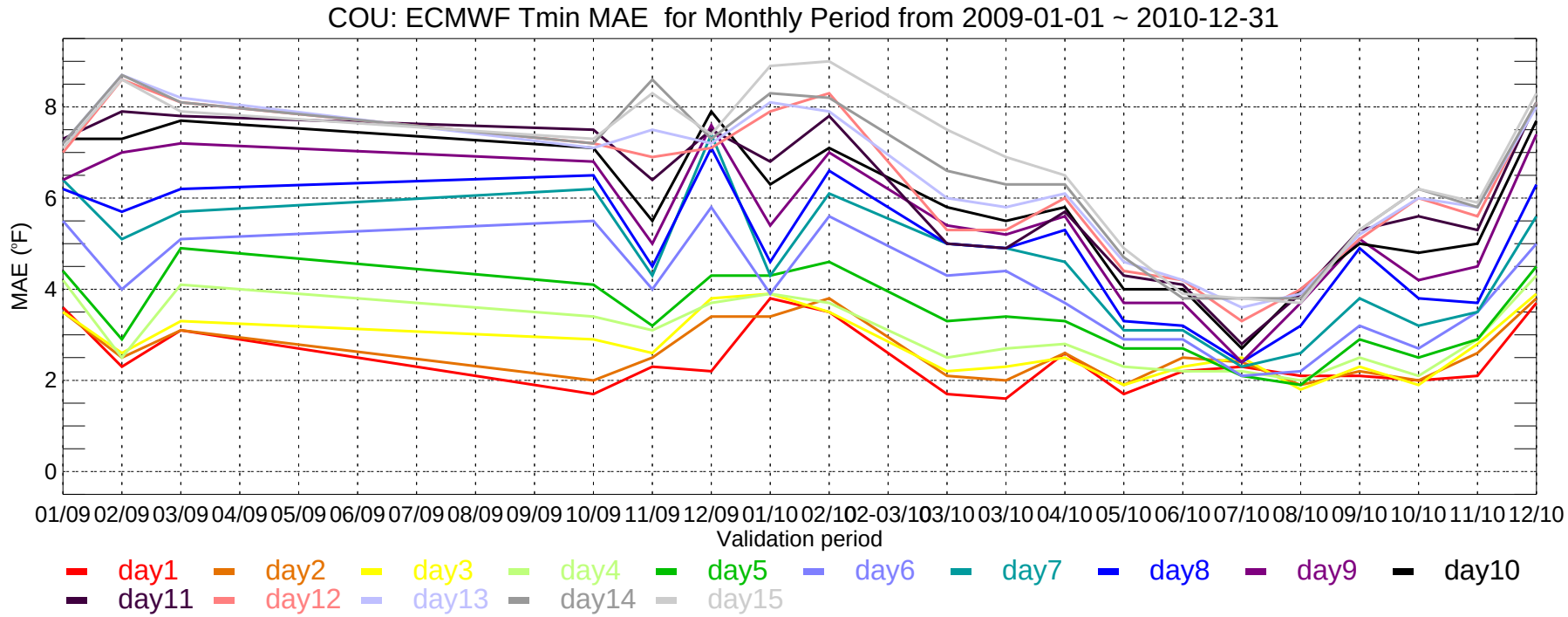

COS: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

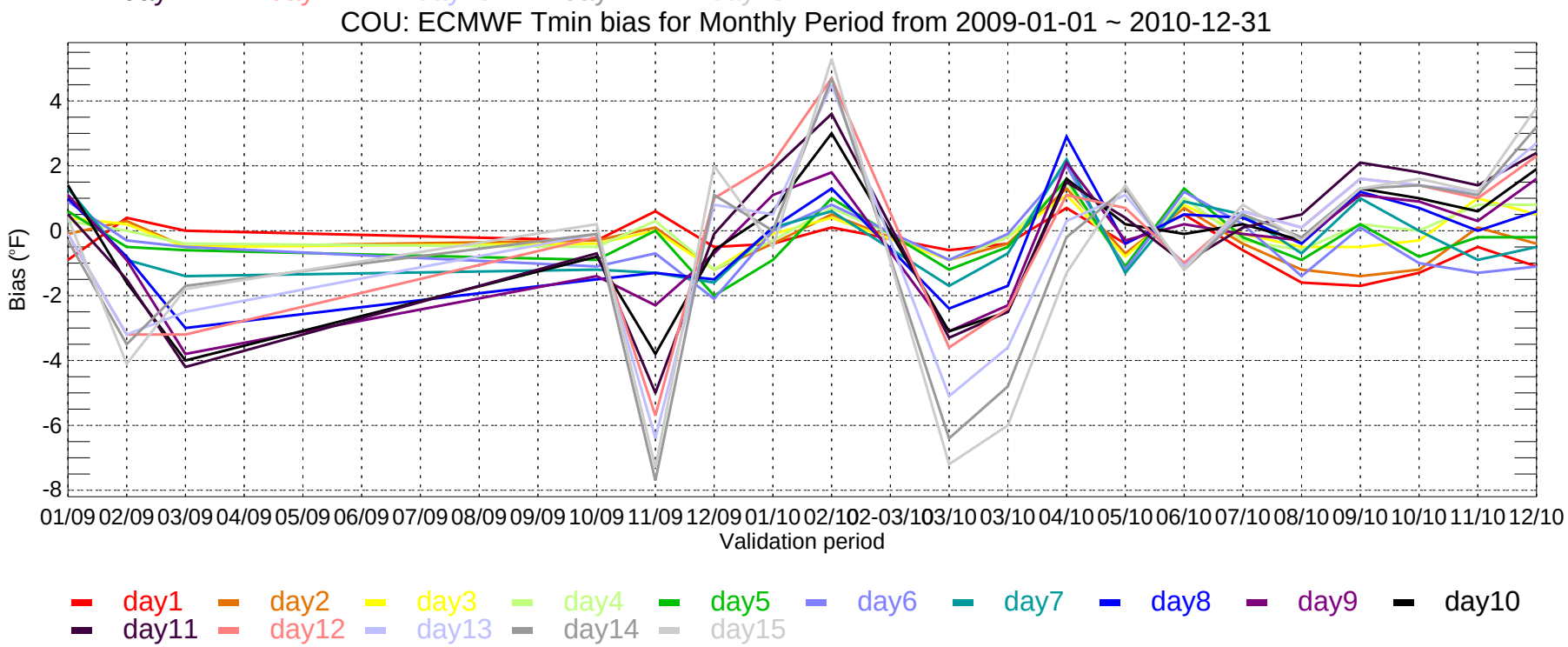

COS: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

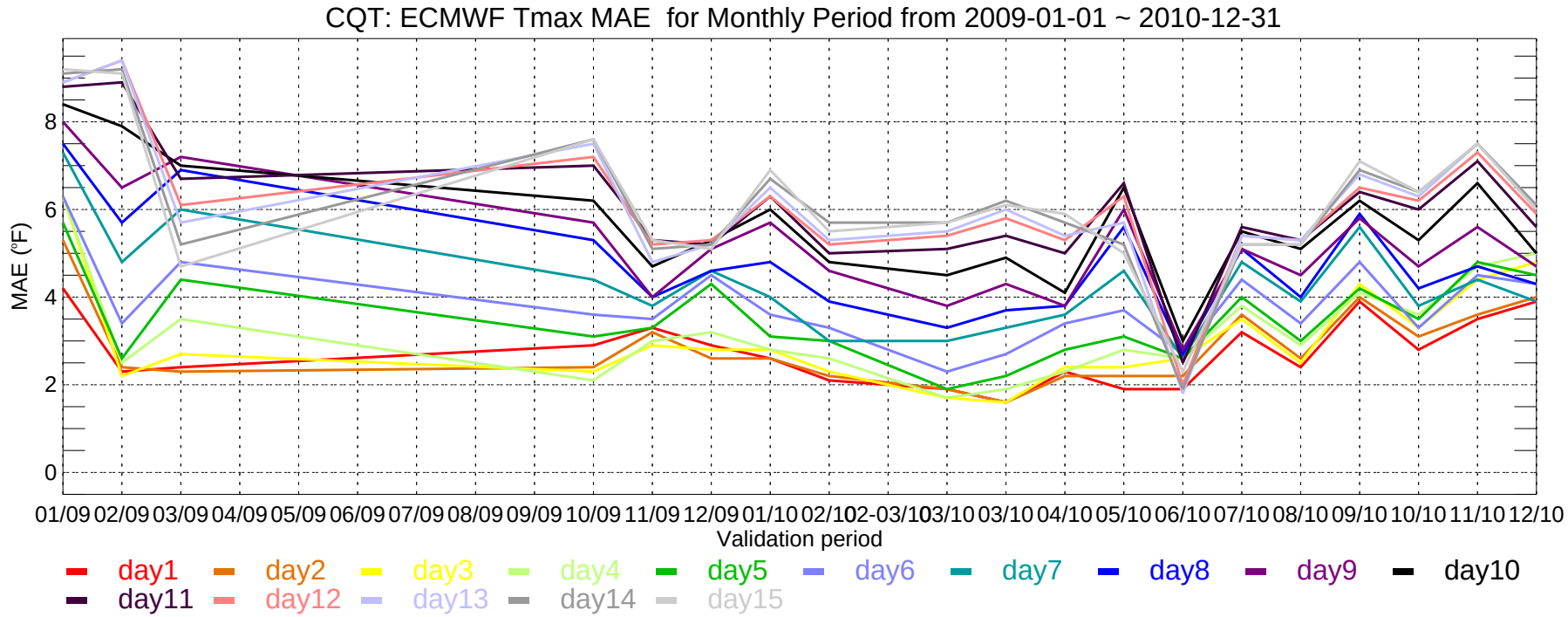

COS: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

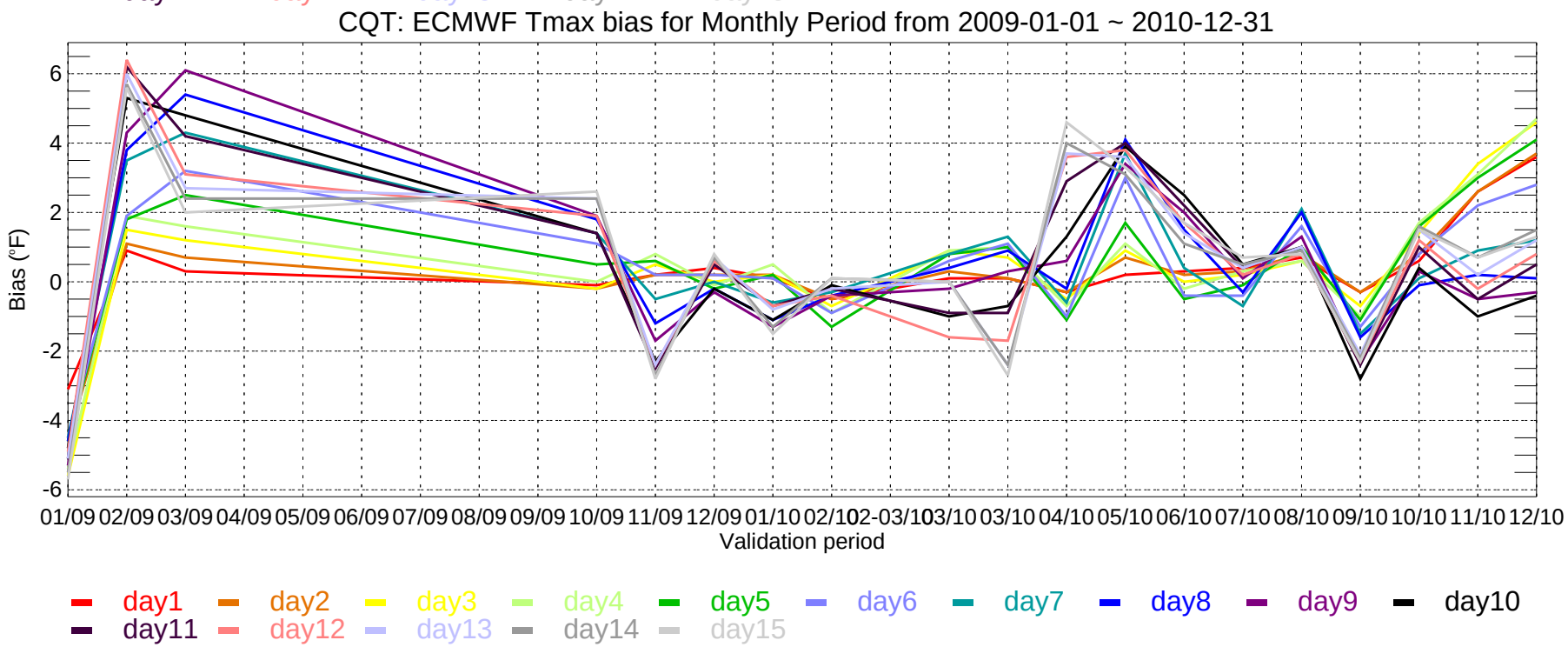

COU: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

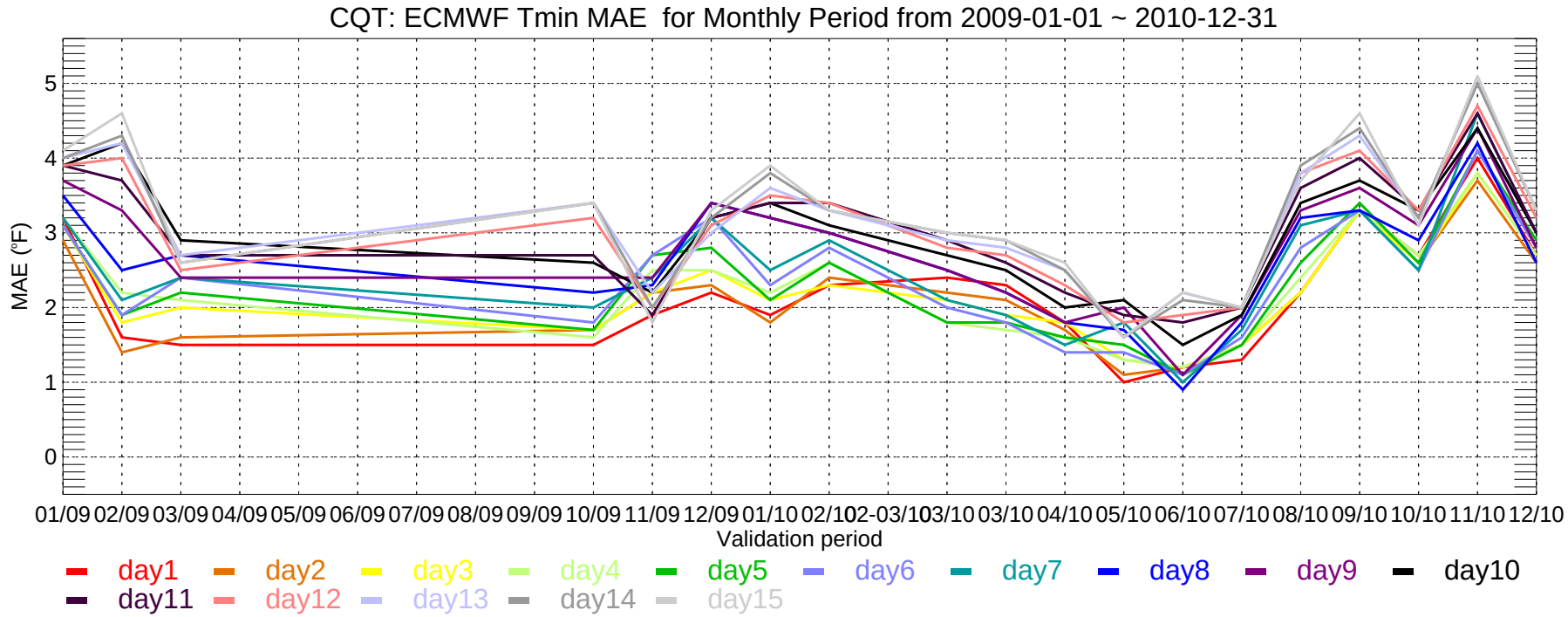

COU: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

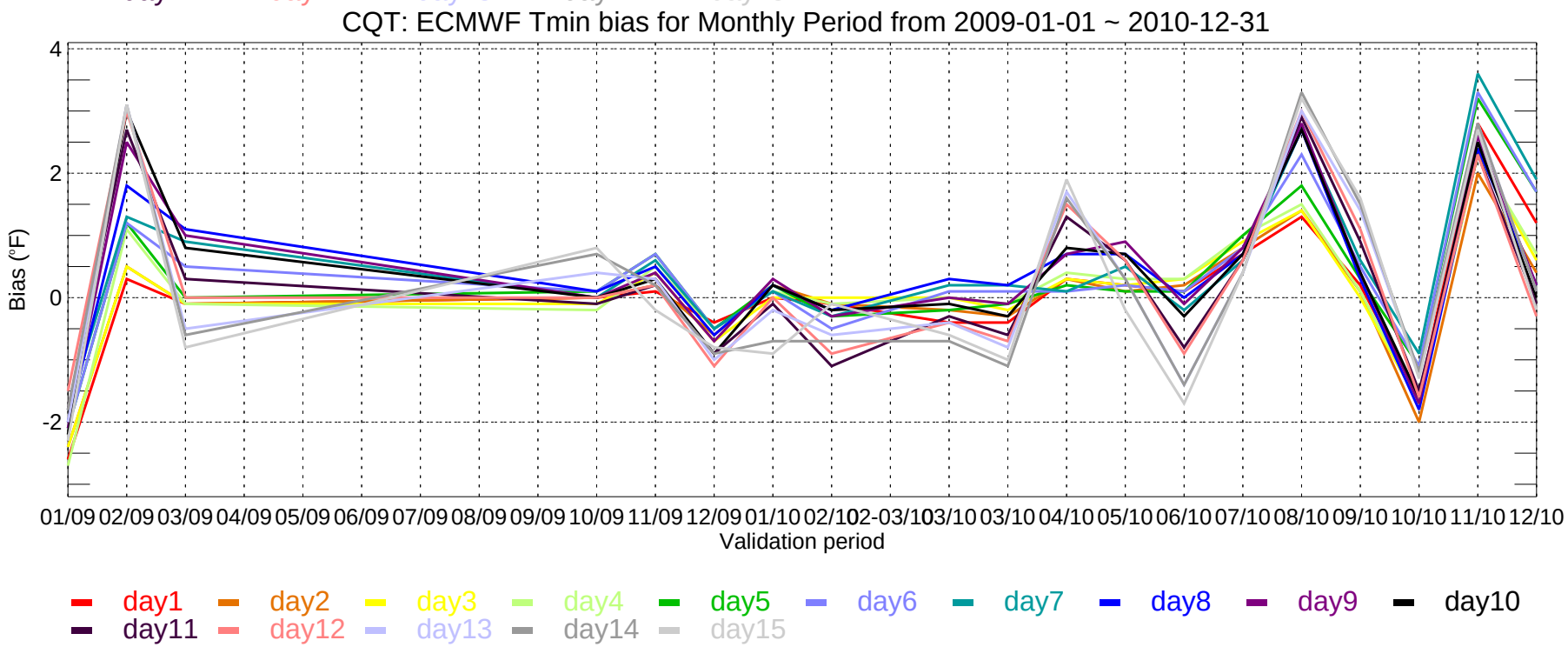

COU: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

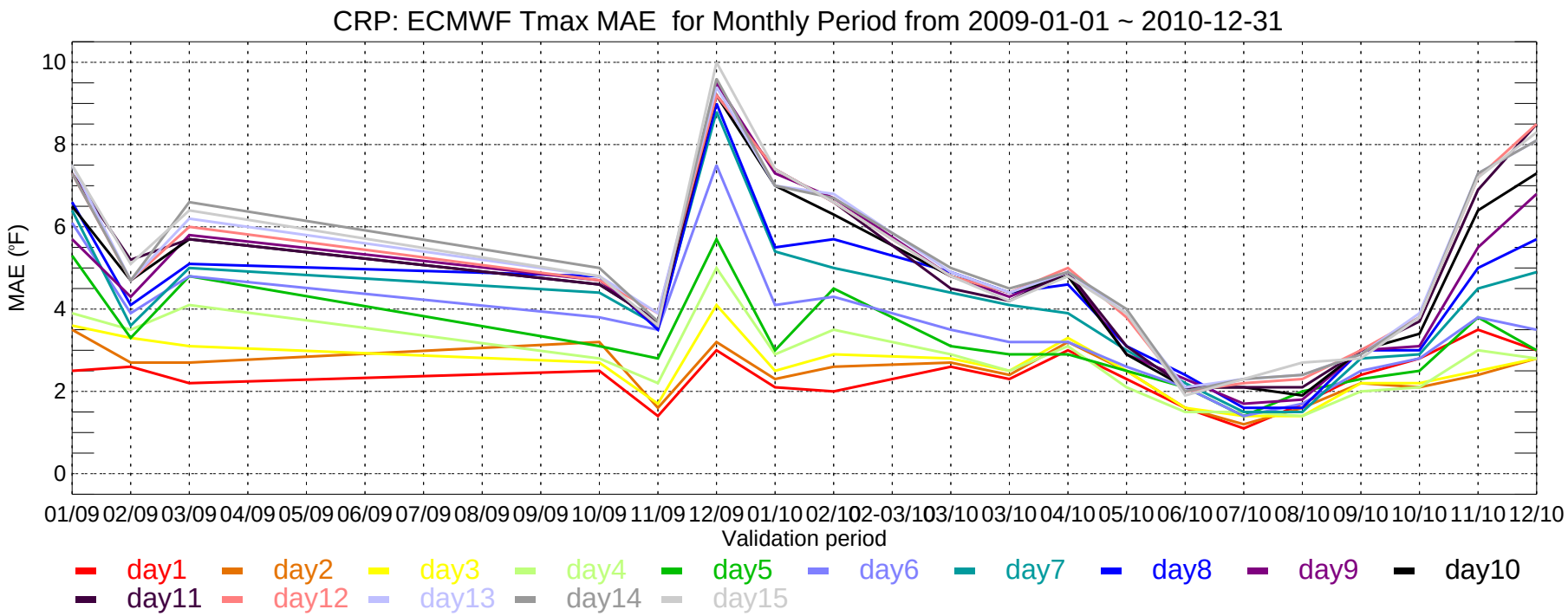

COU: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-8
-6
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

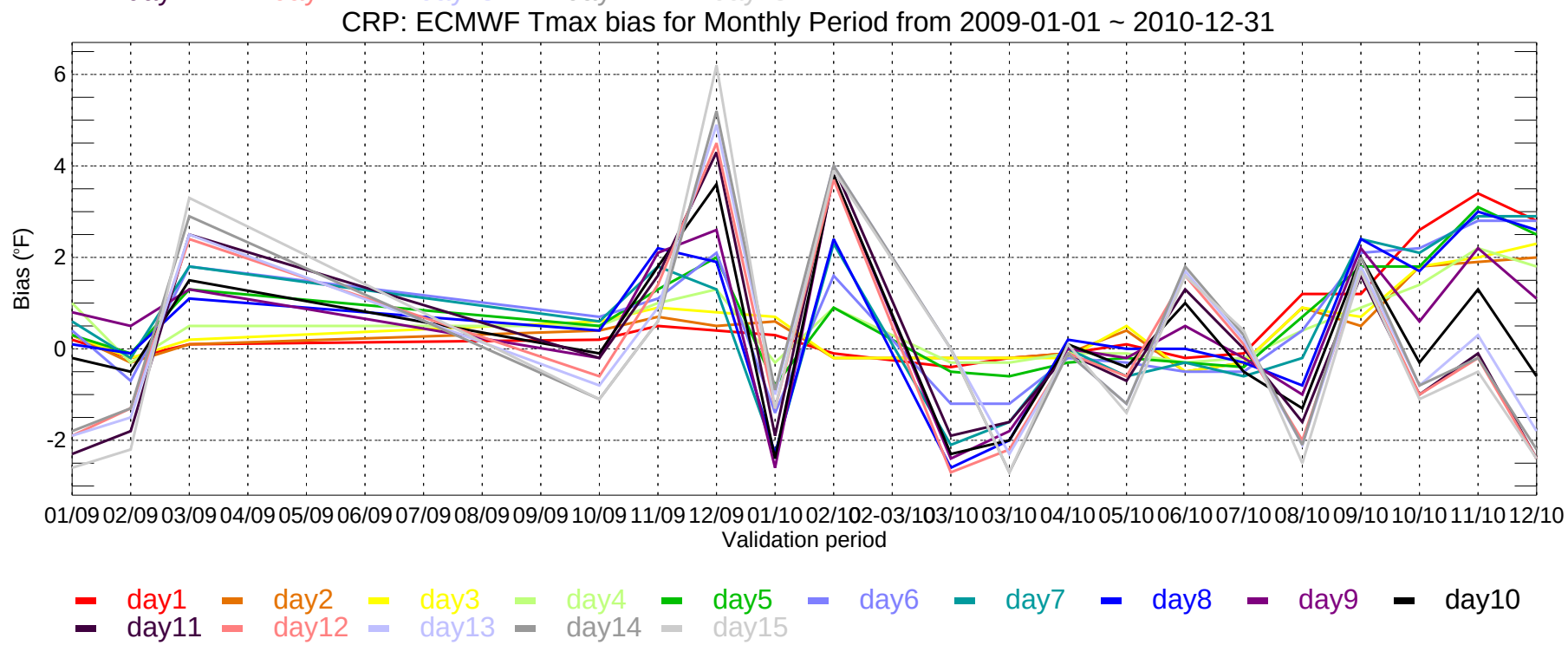

CQT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

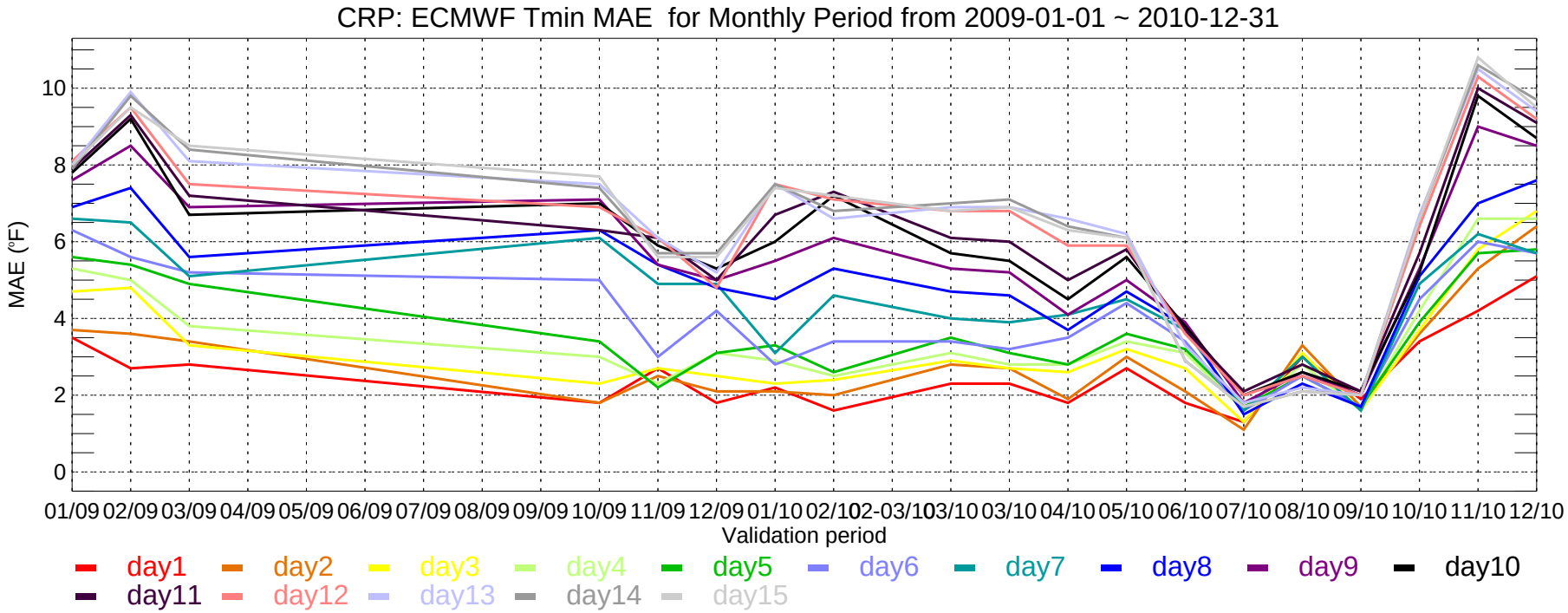

CQT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

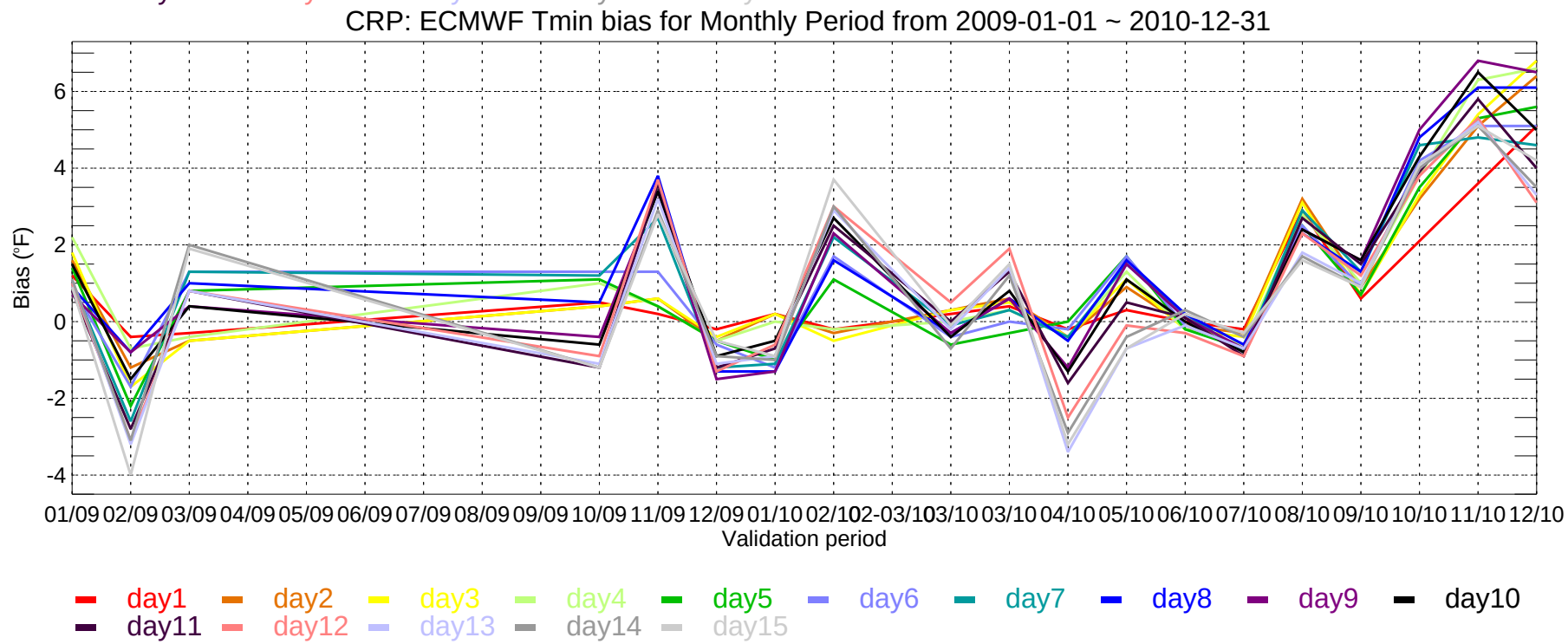

CQT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
1
2
3
4
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

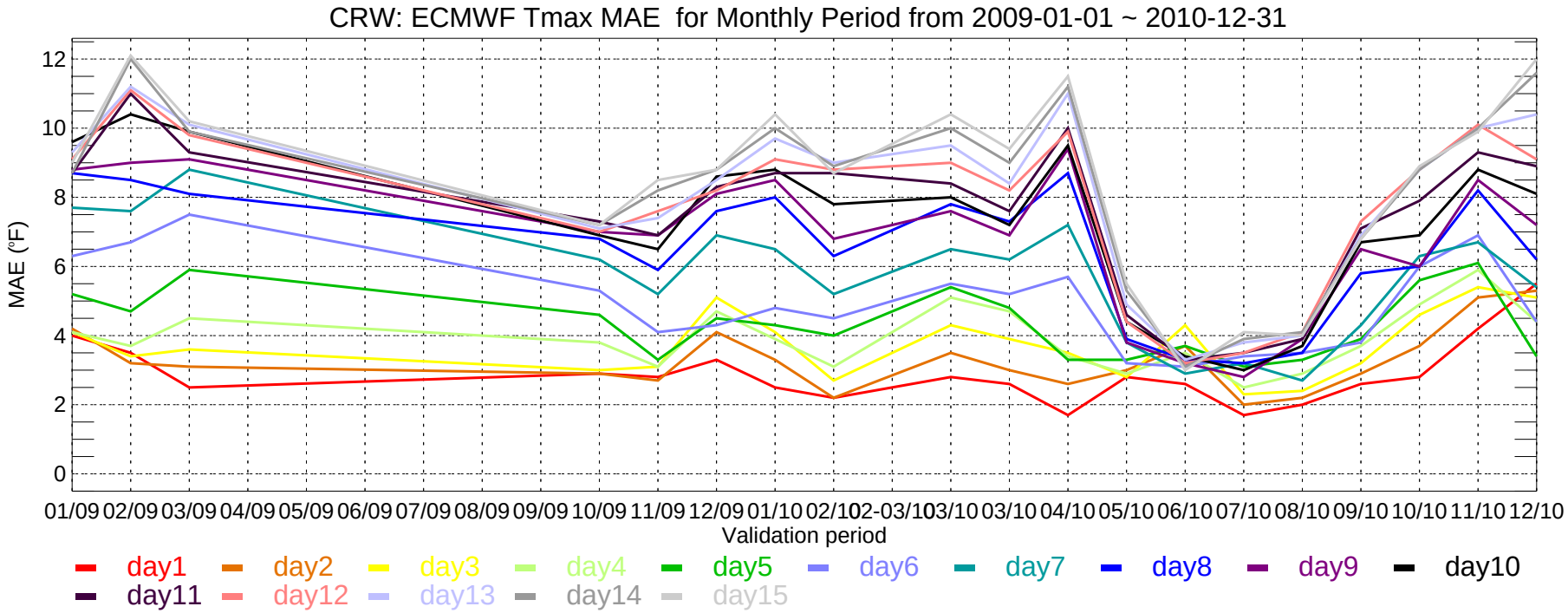

CQT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

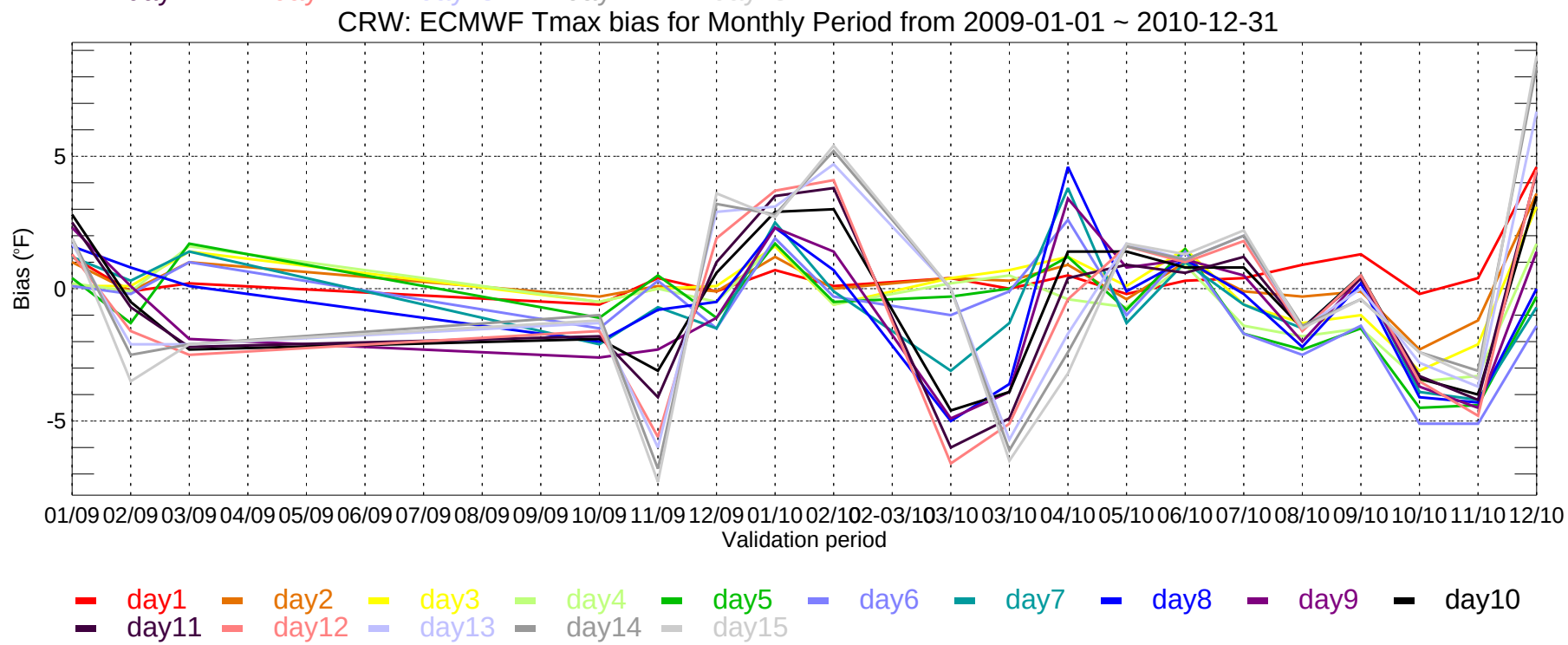

CRP: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

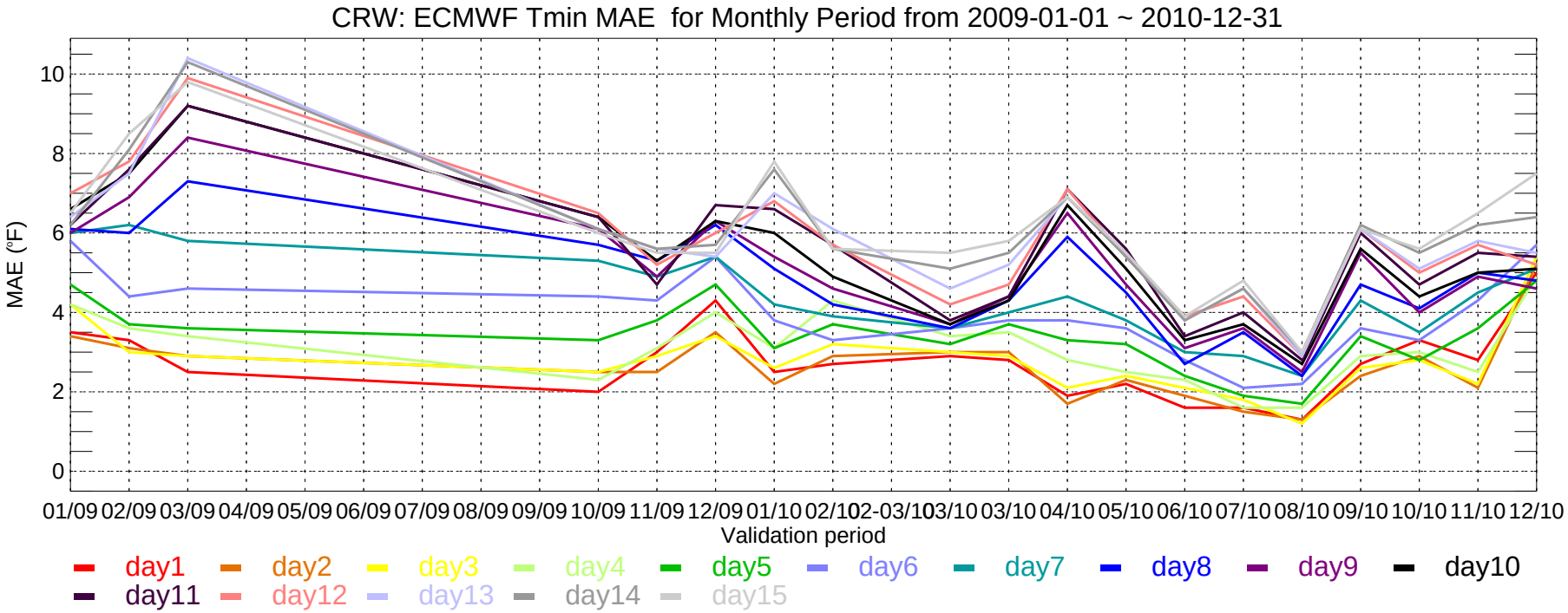

CRP: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

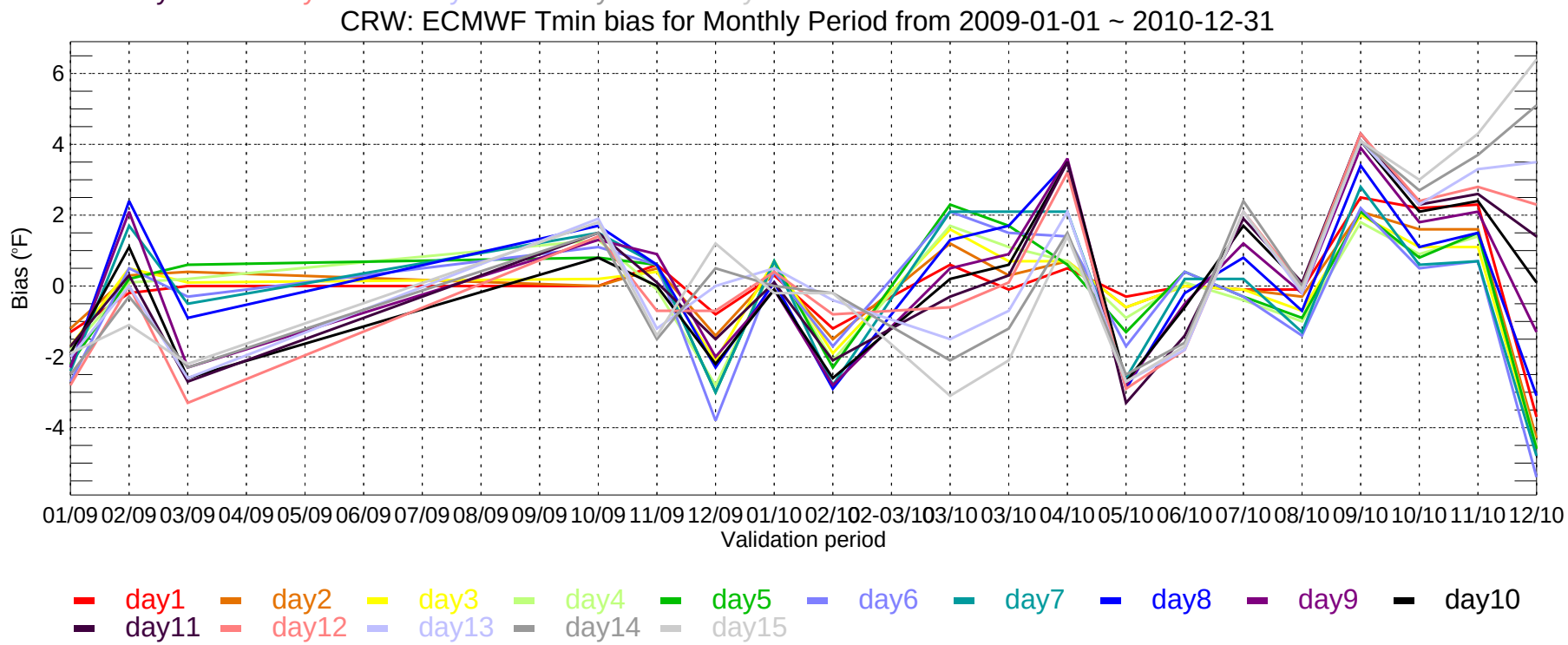

CRP: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

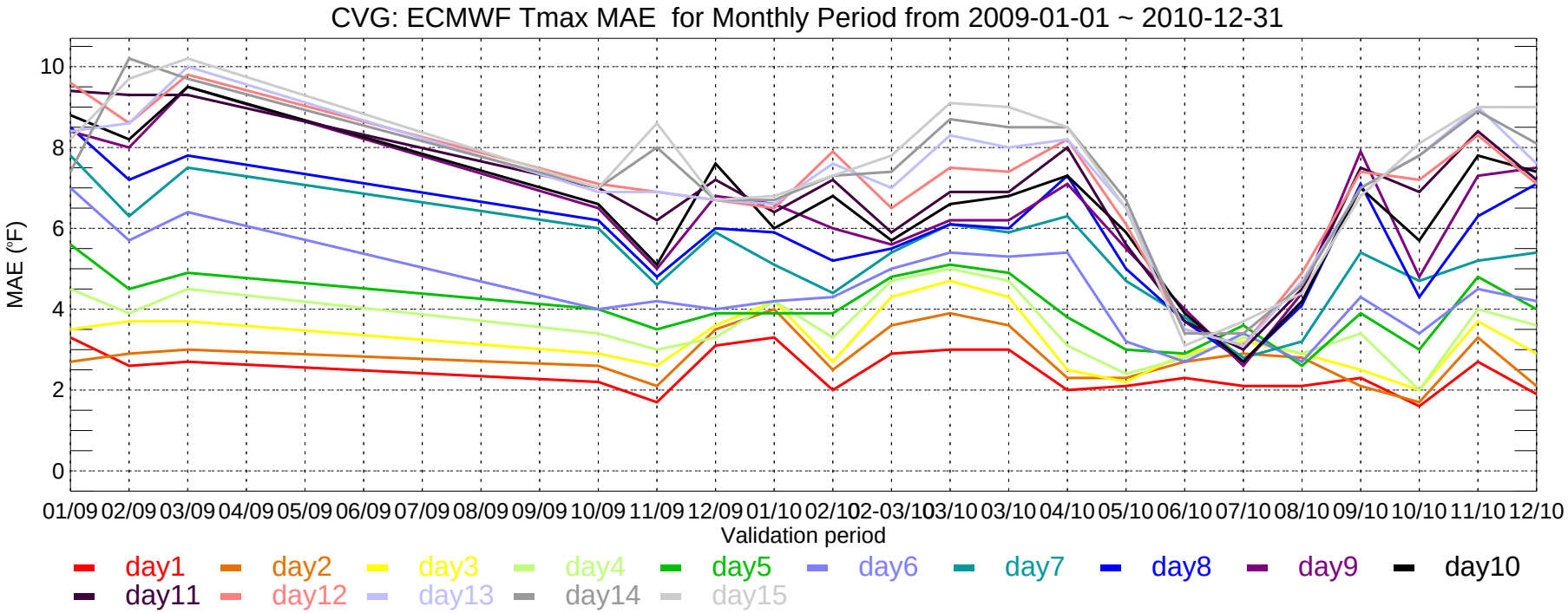

CRP: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

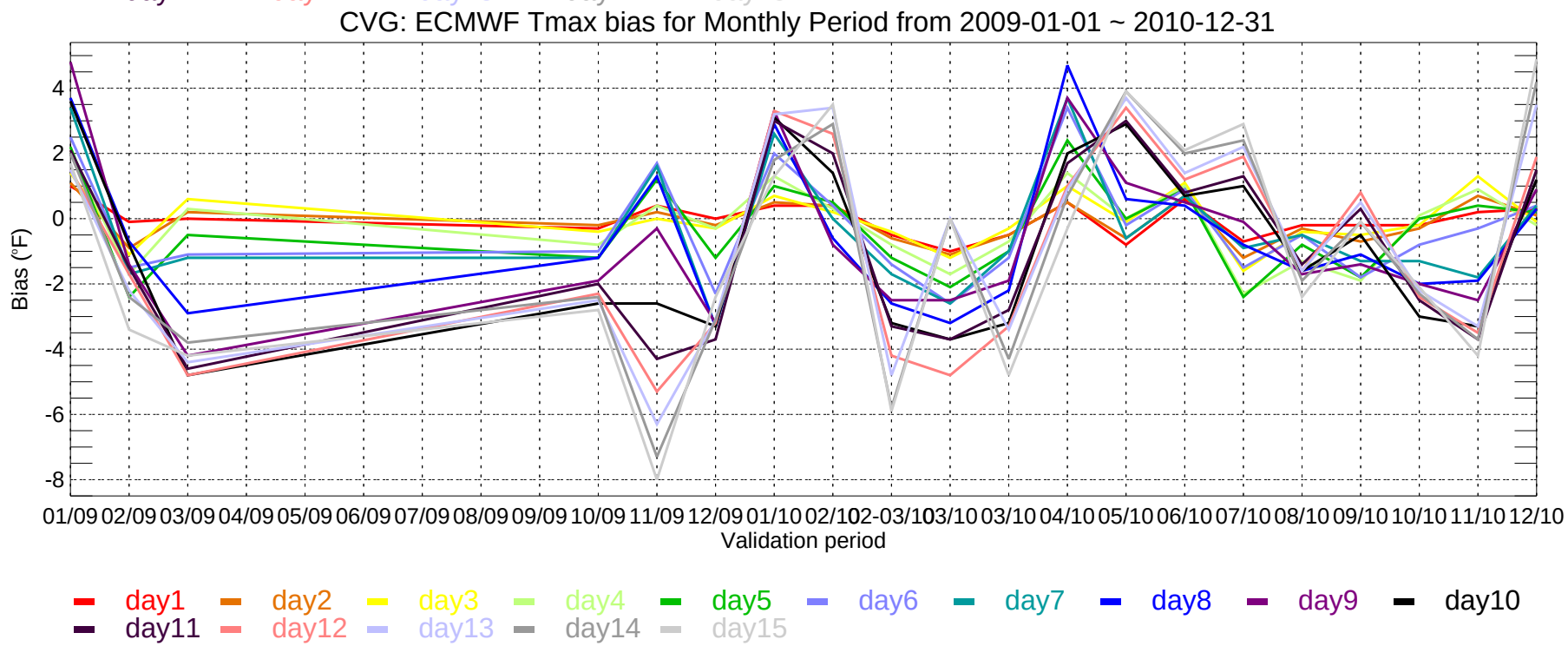

CRW: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

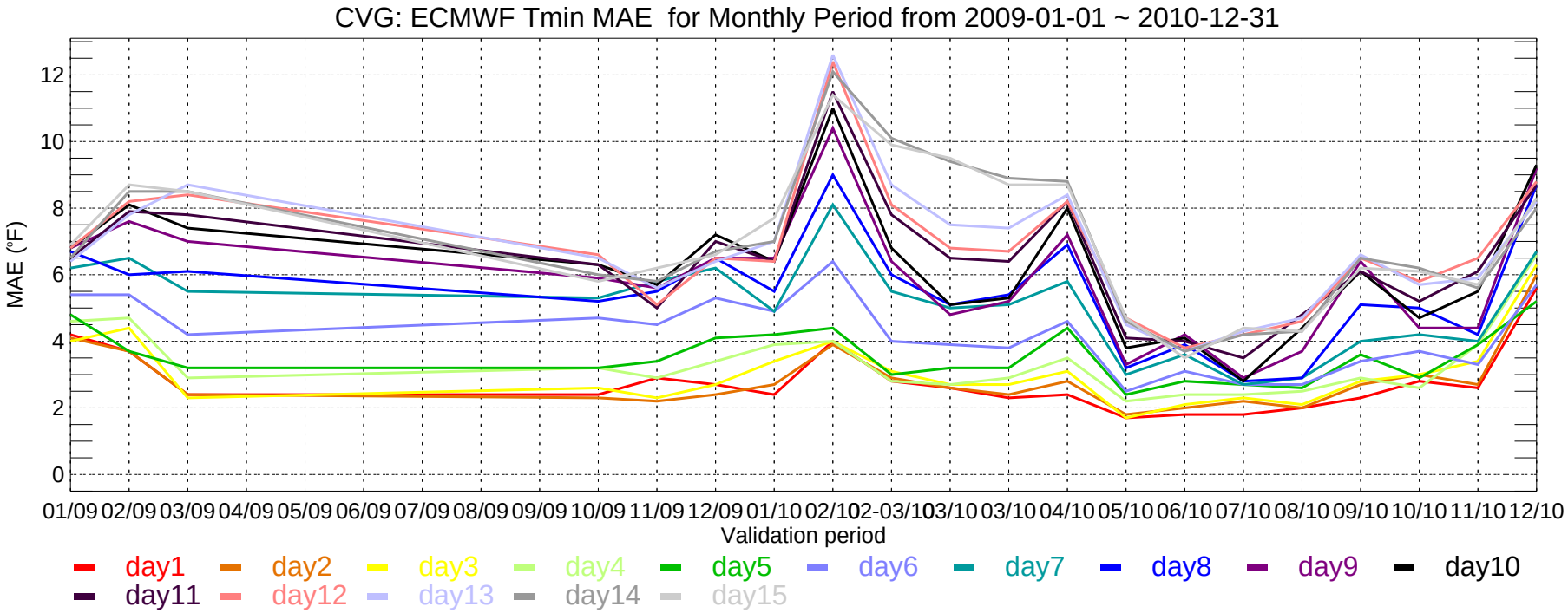

CRW: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

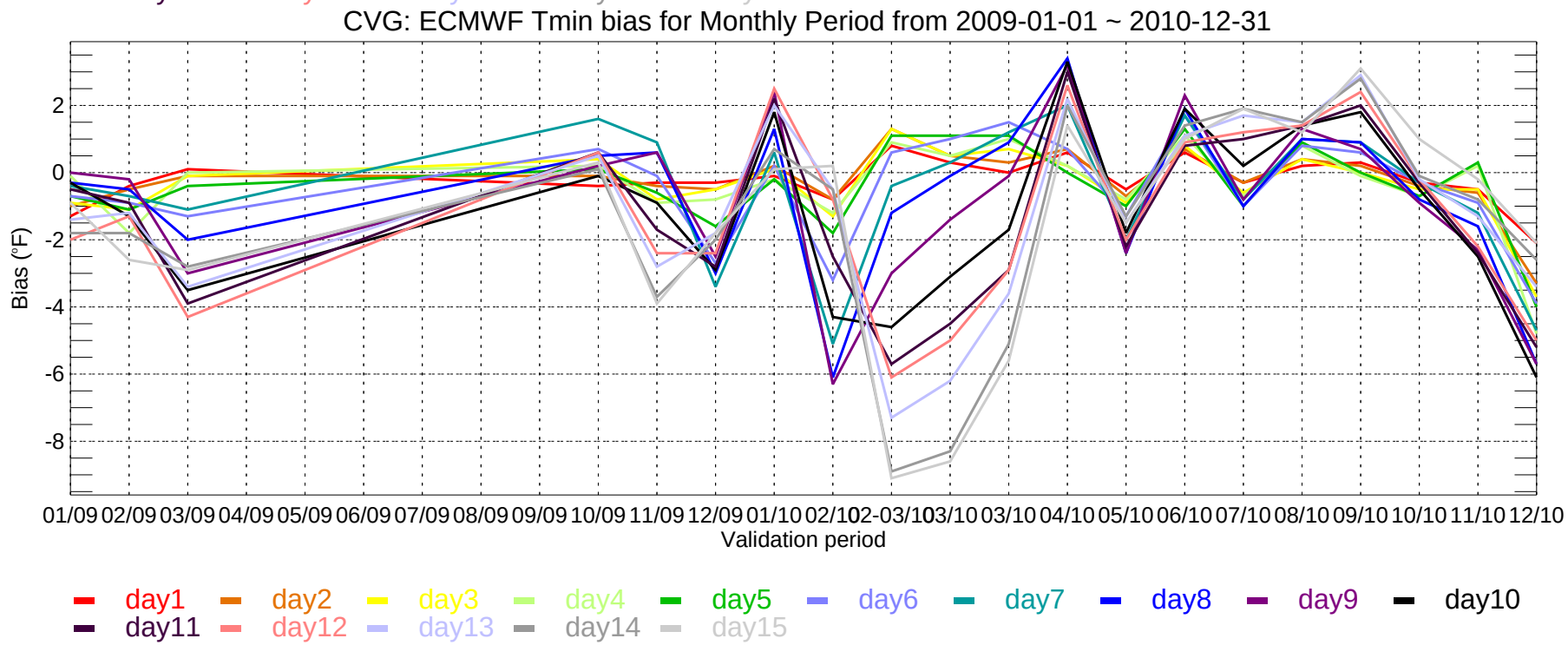

CRW: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

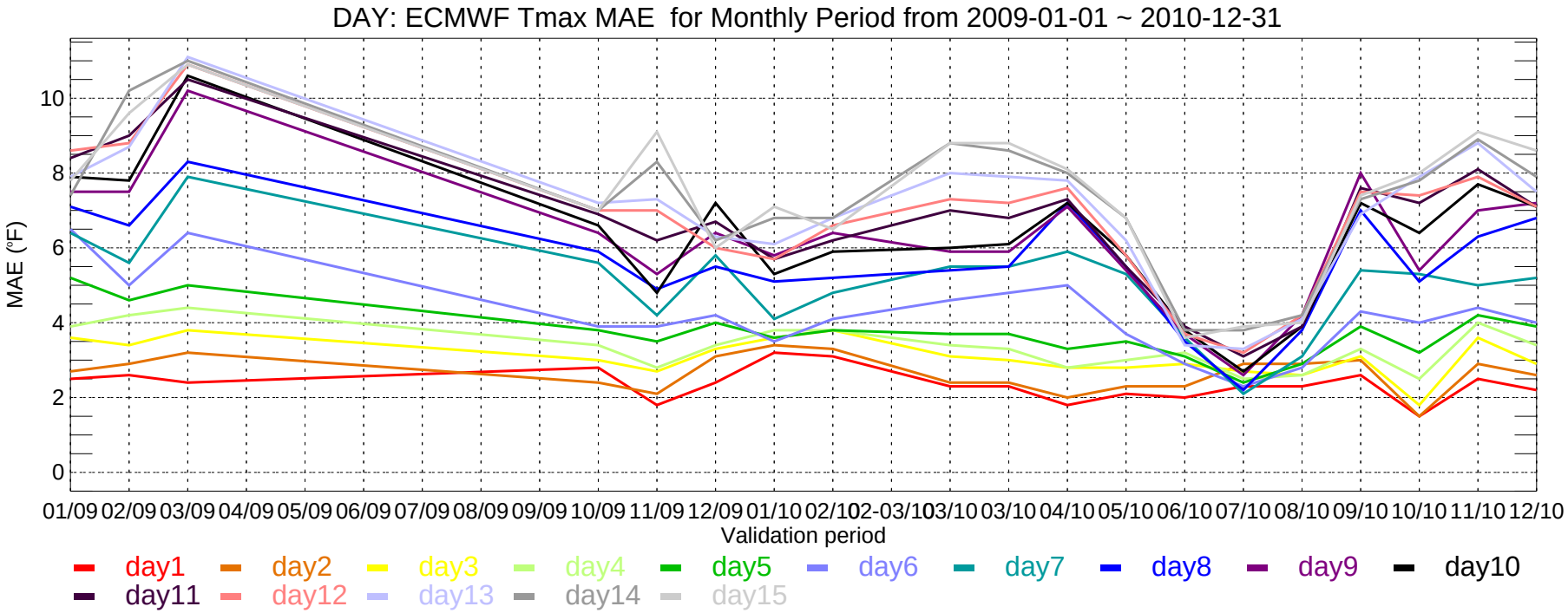

CRW: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

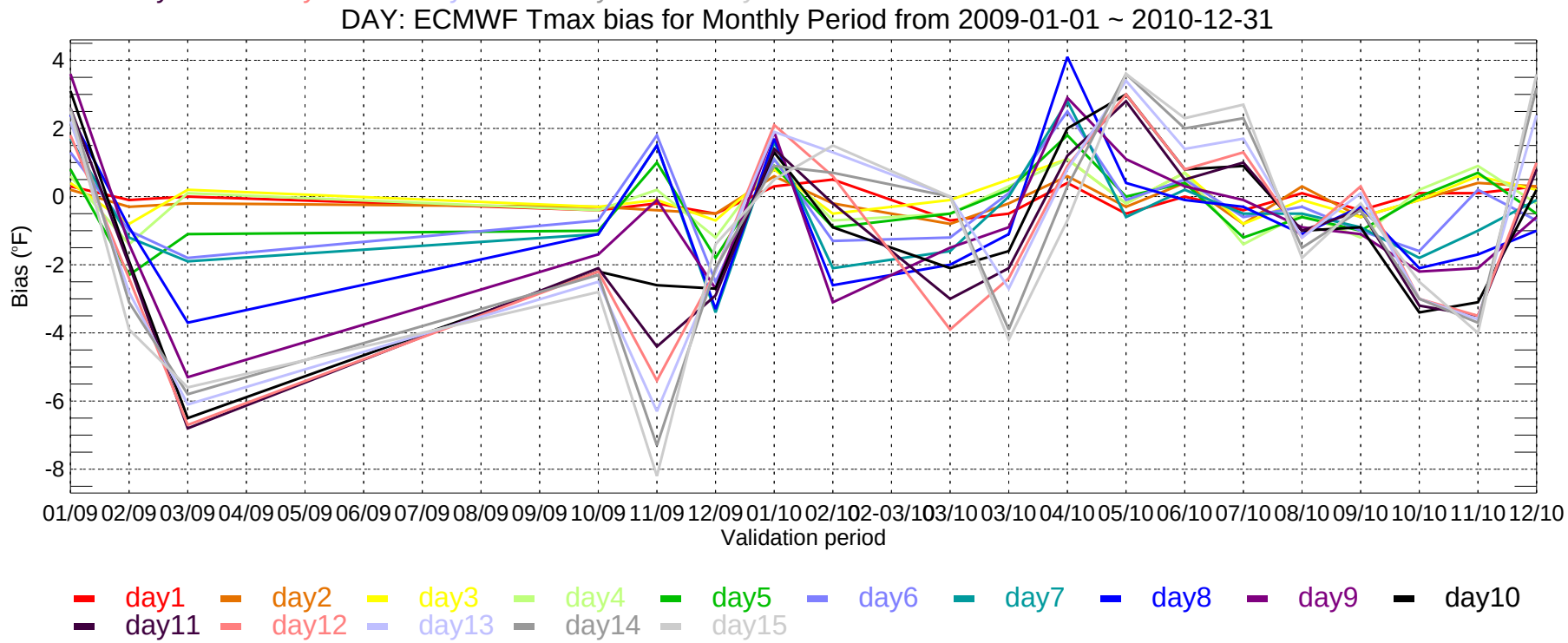

CVG: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

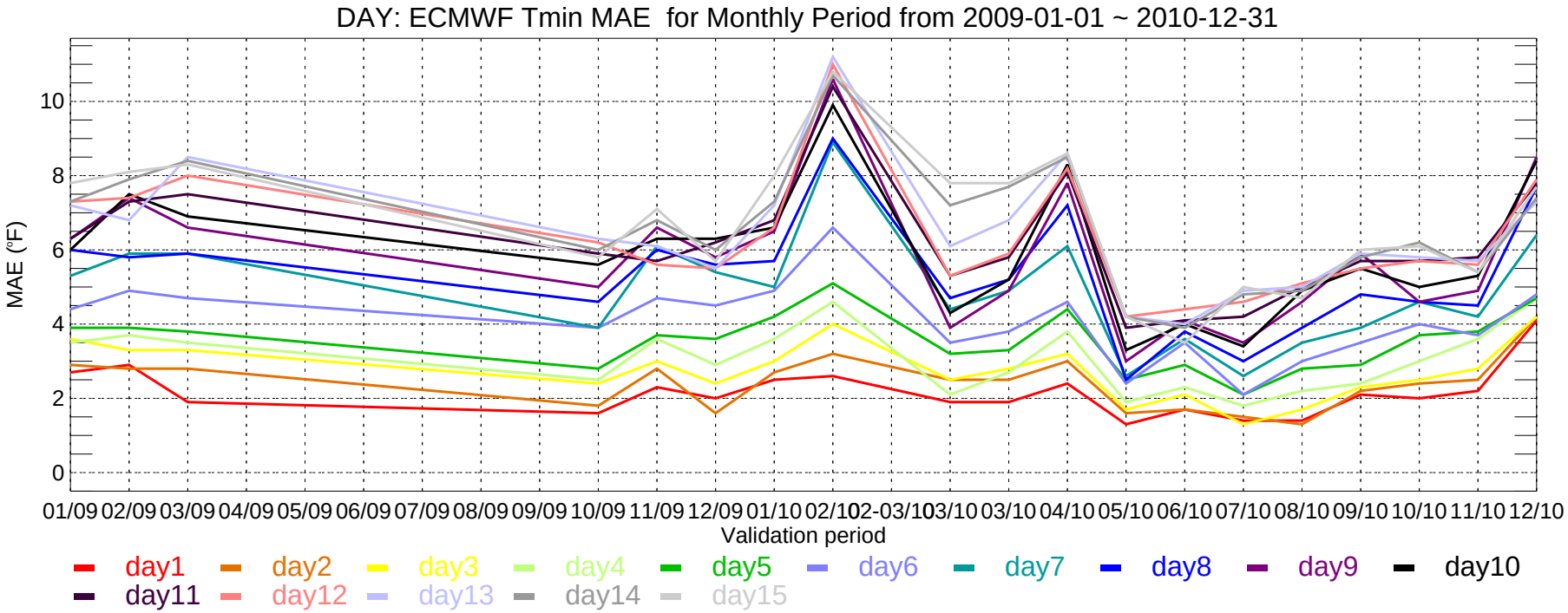

CVG: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

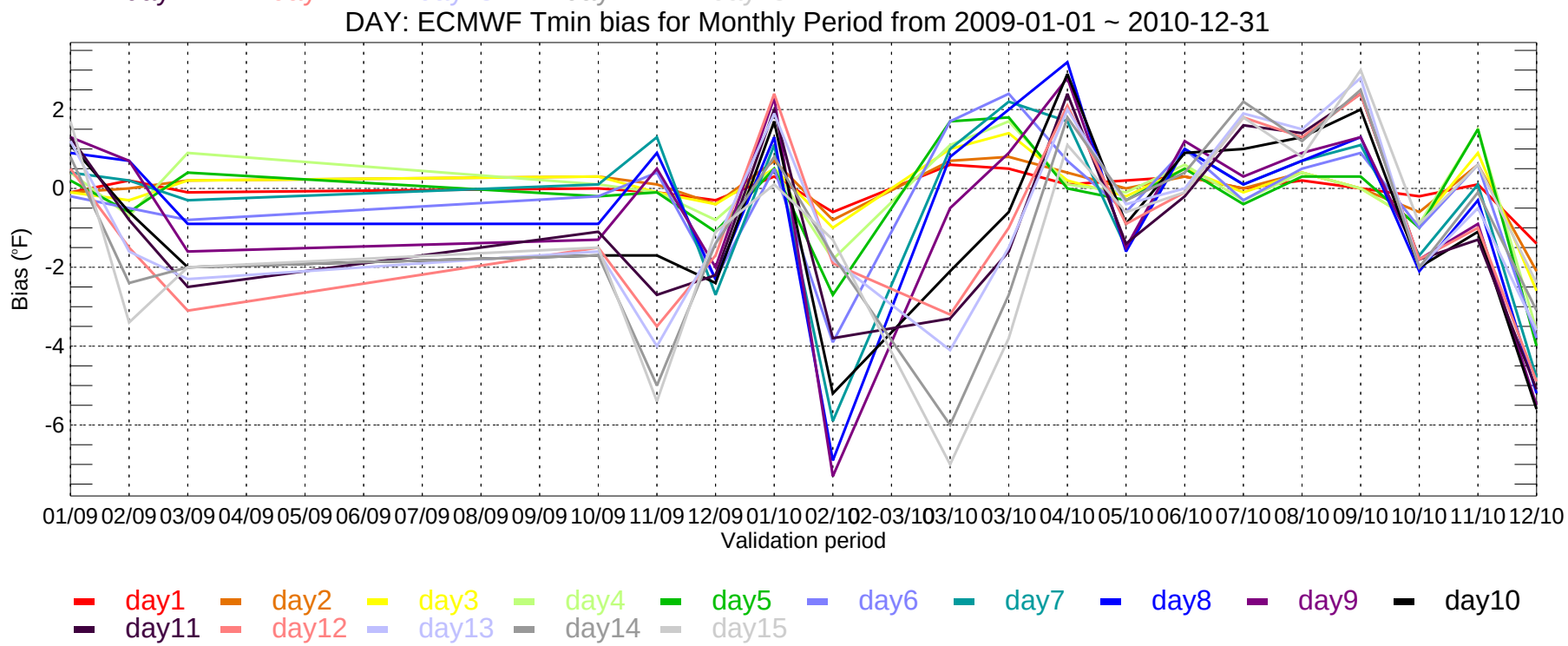

CVG: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

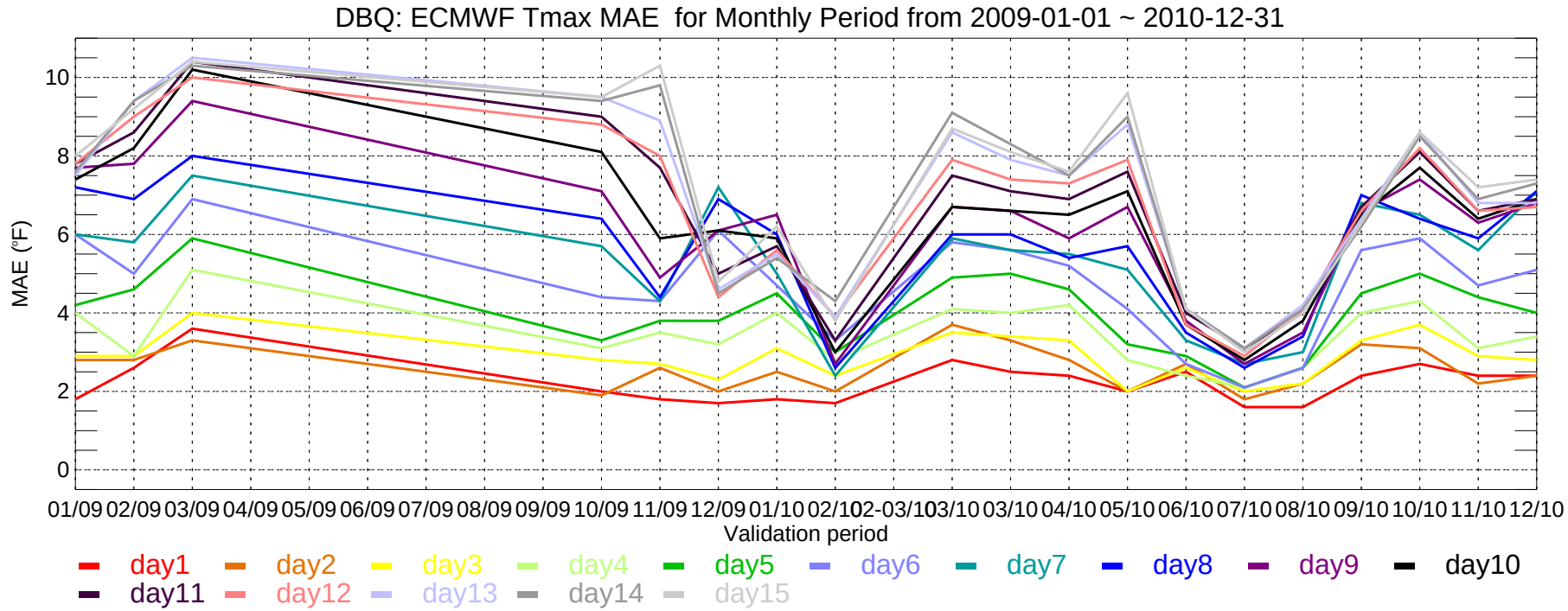

CVG: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

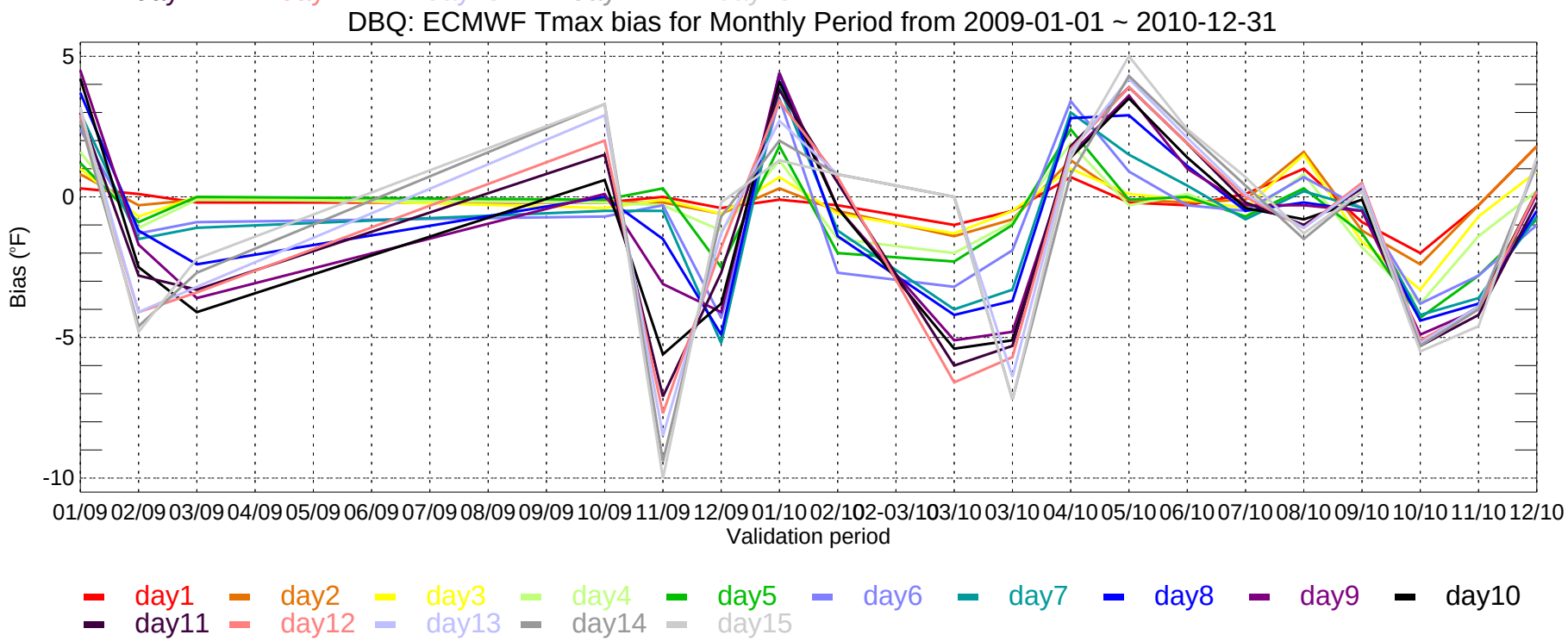

DAY: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

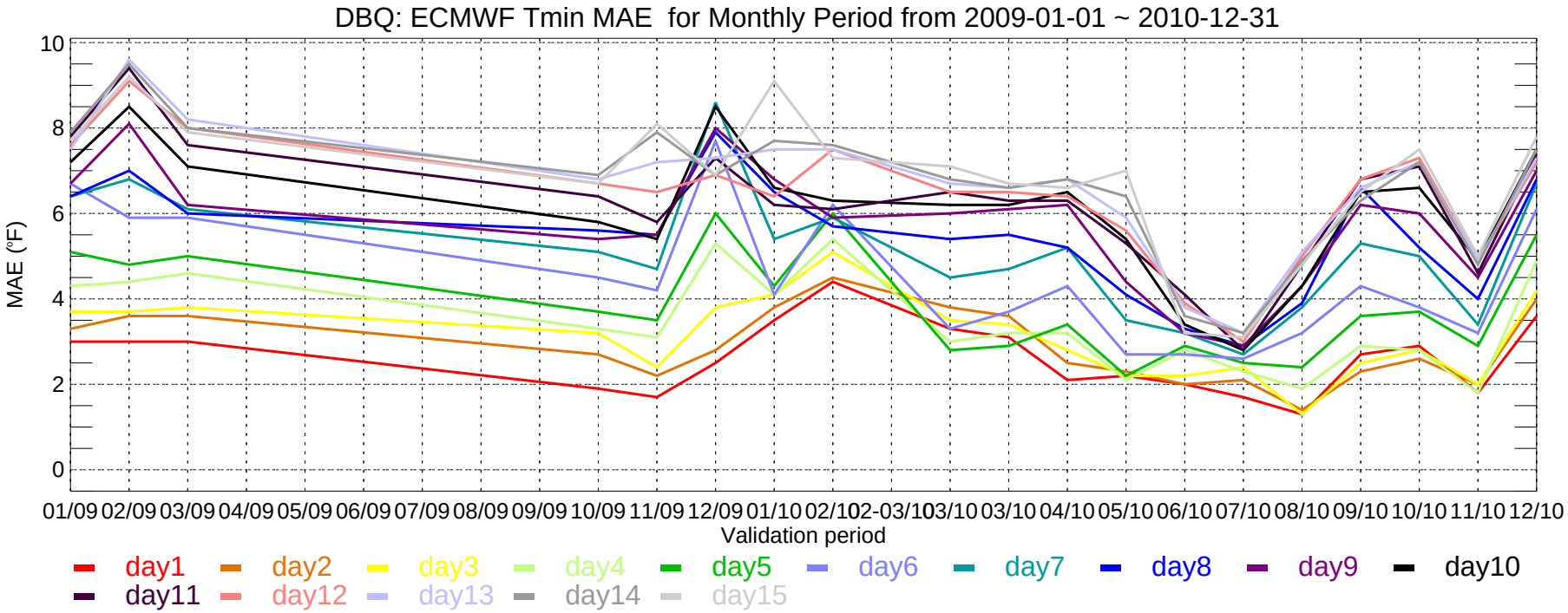

DAY: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

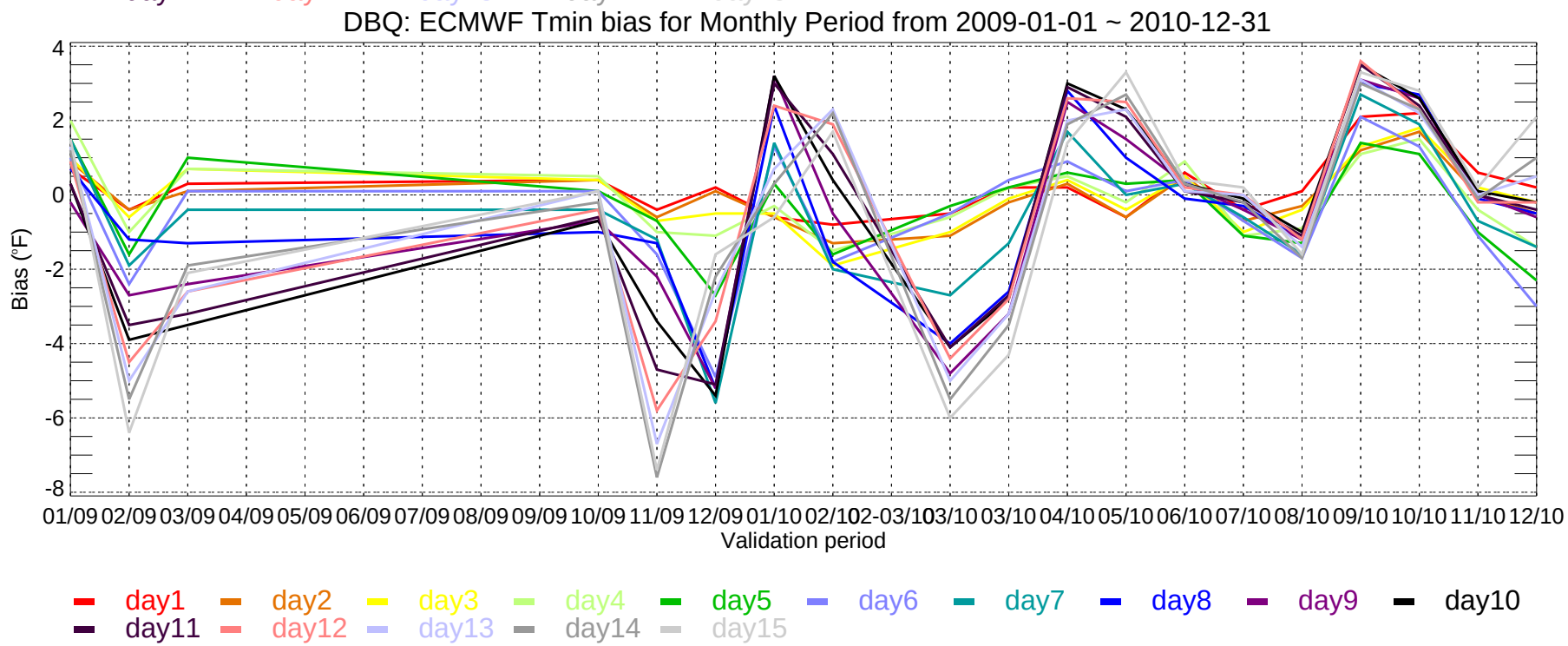

DAY: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

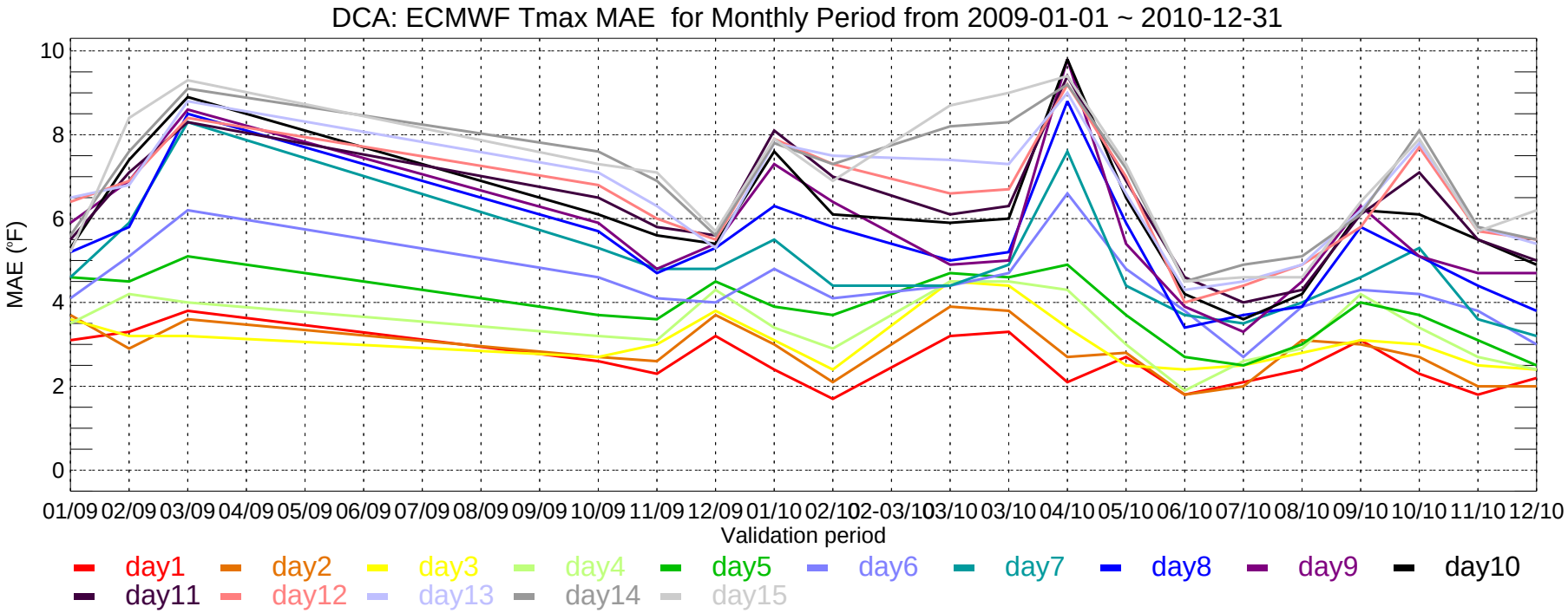

DAY: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

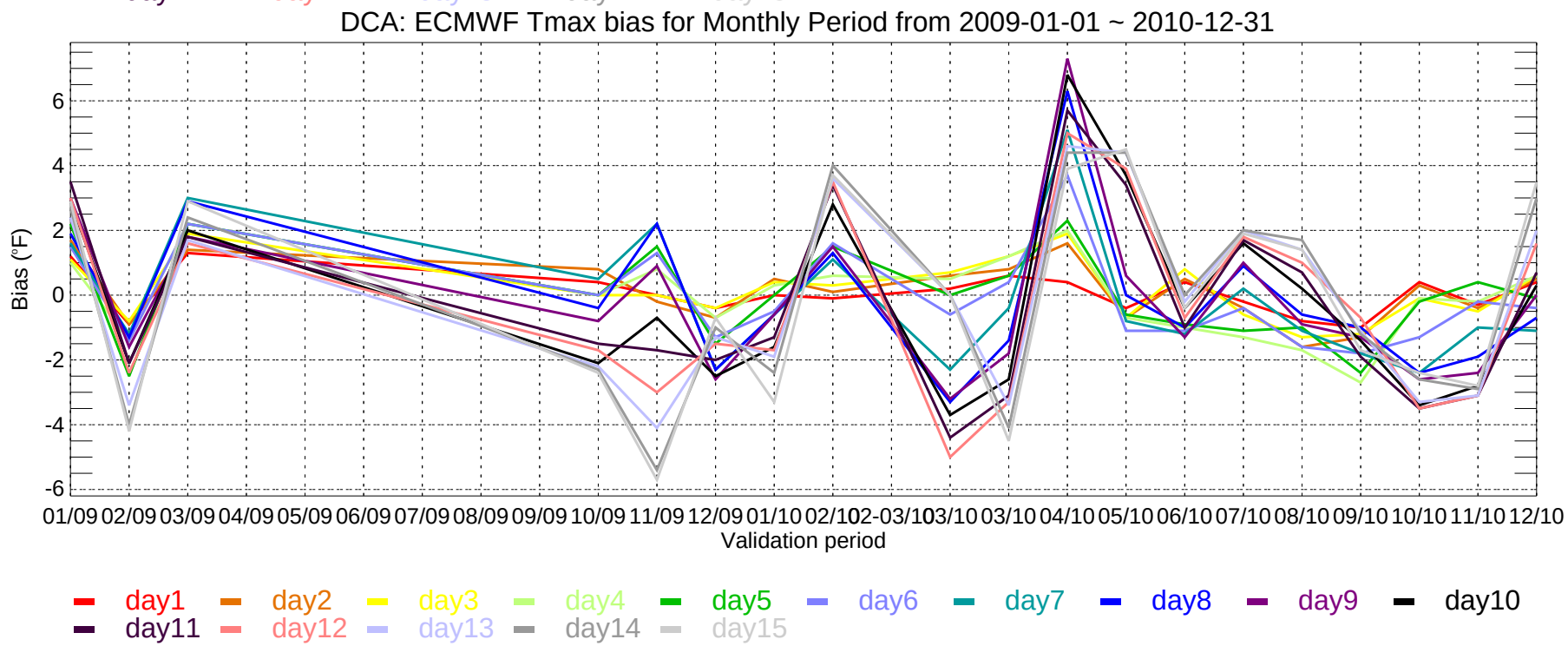

DBQ: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

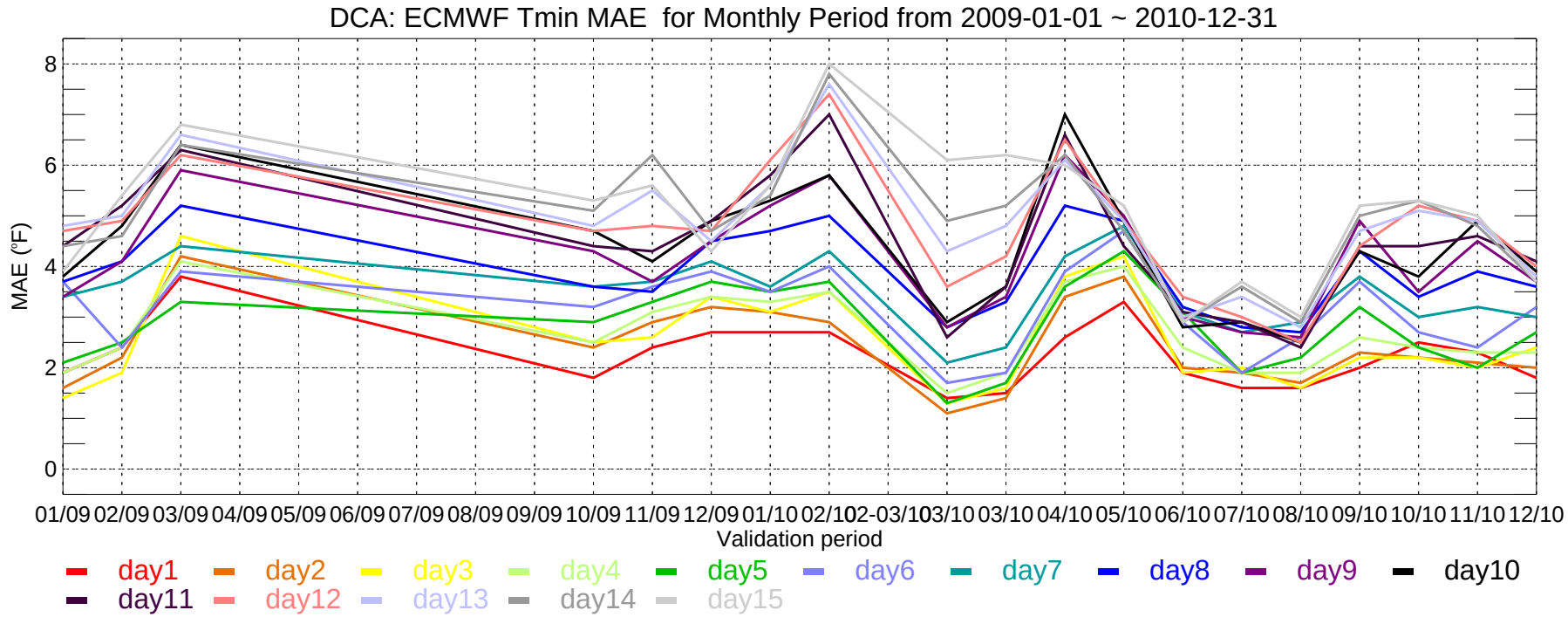

DBQ: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

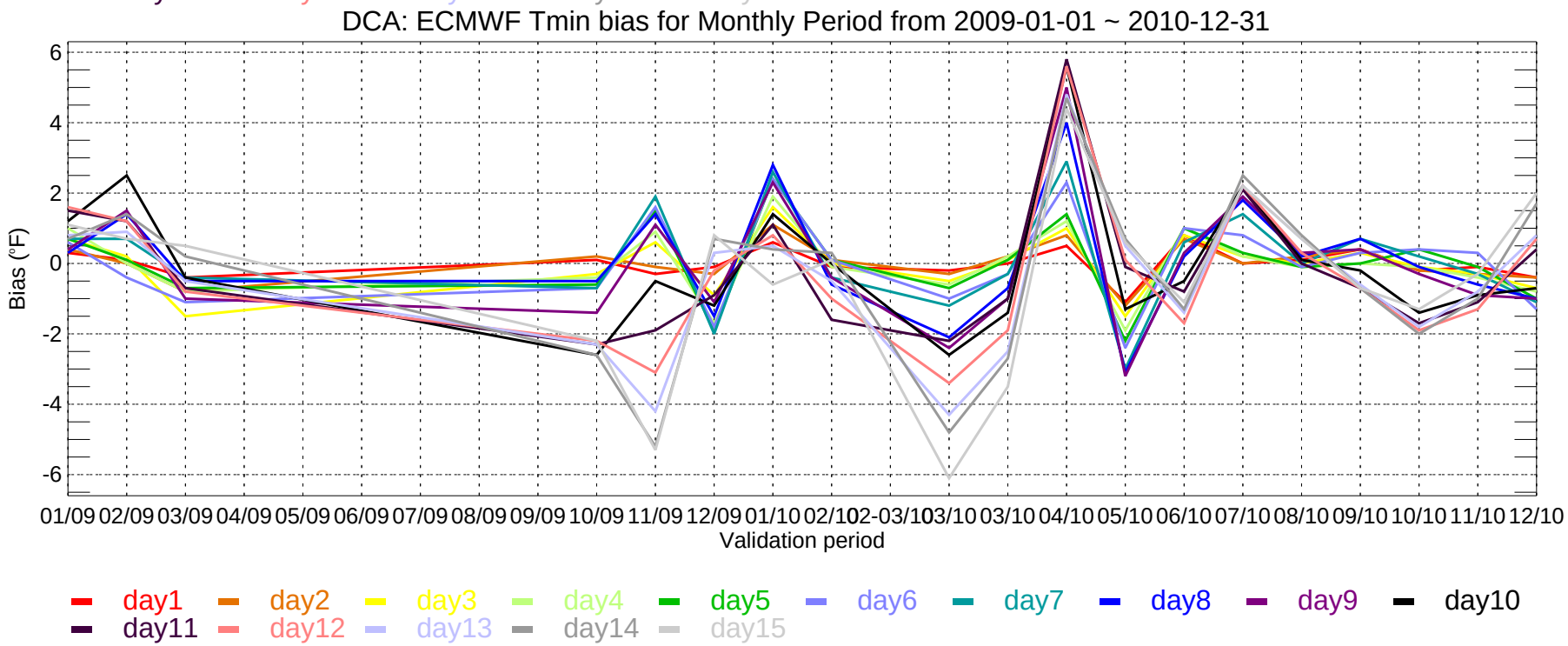

DBQ: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

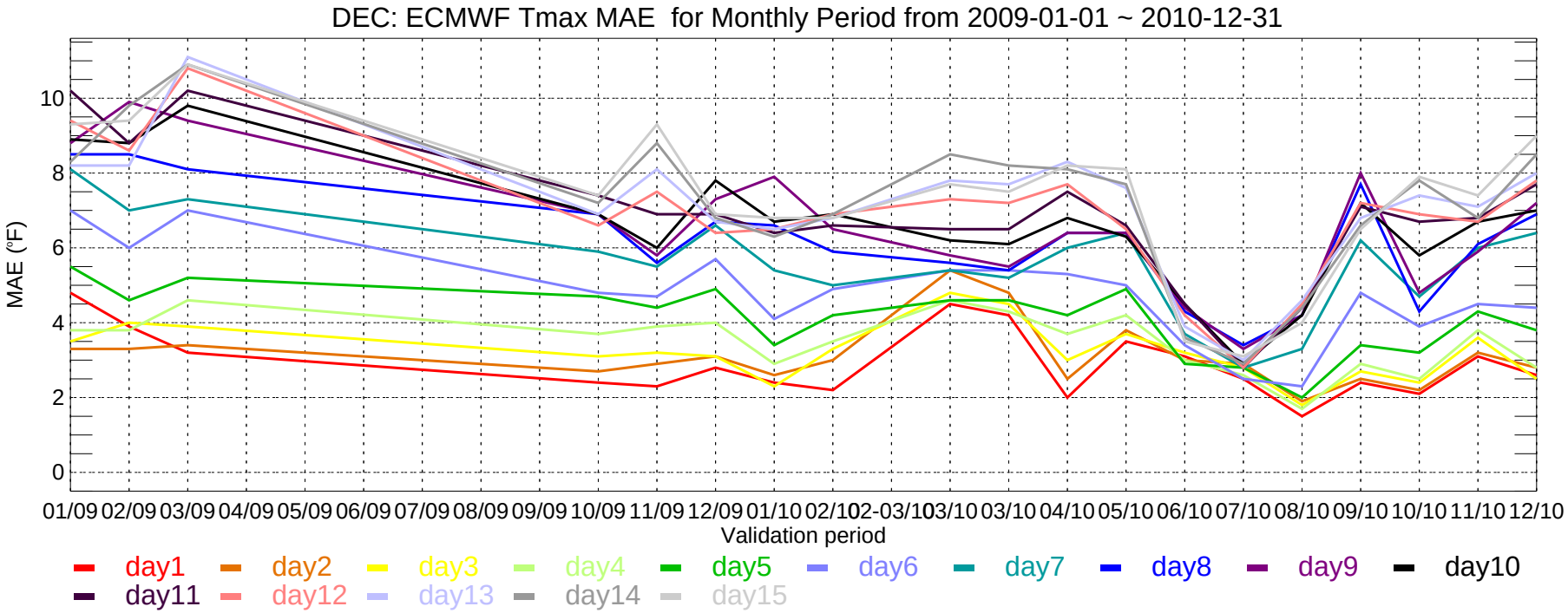

DBQ: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

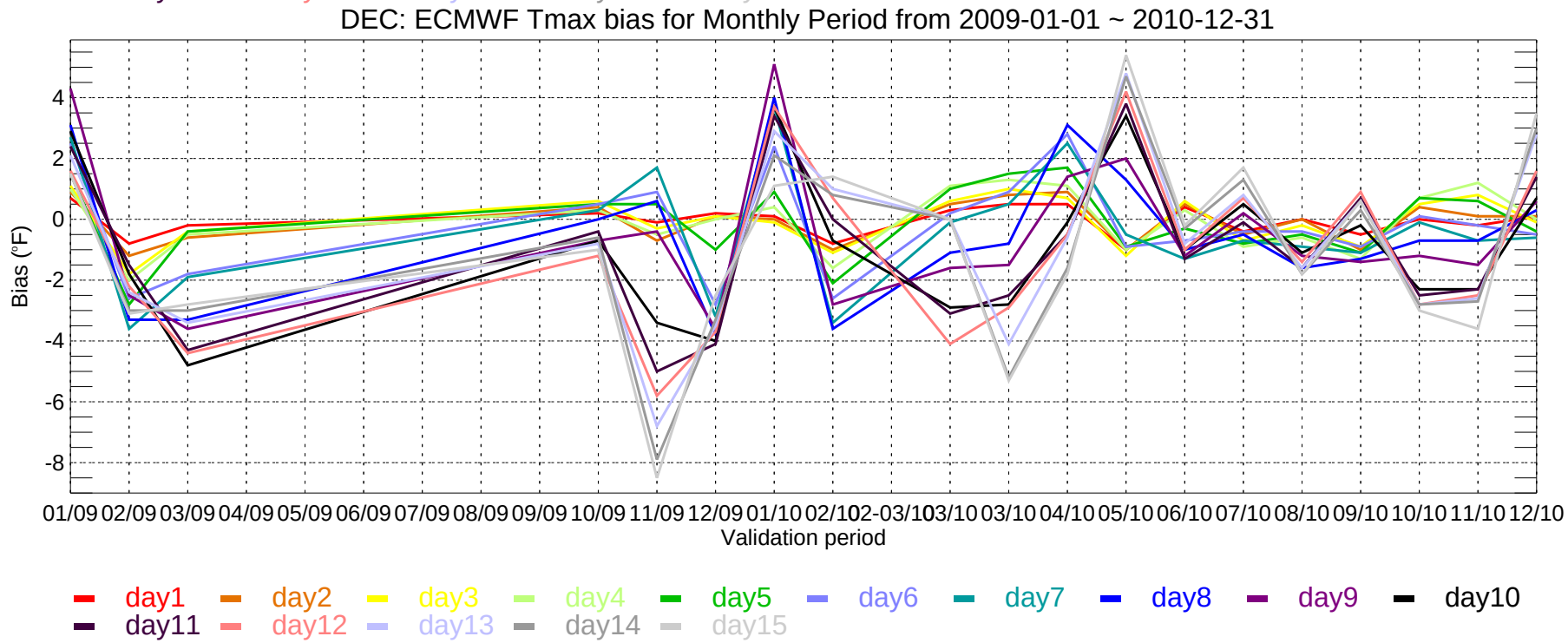

DCA: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

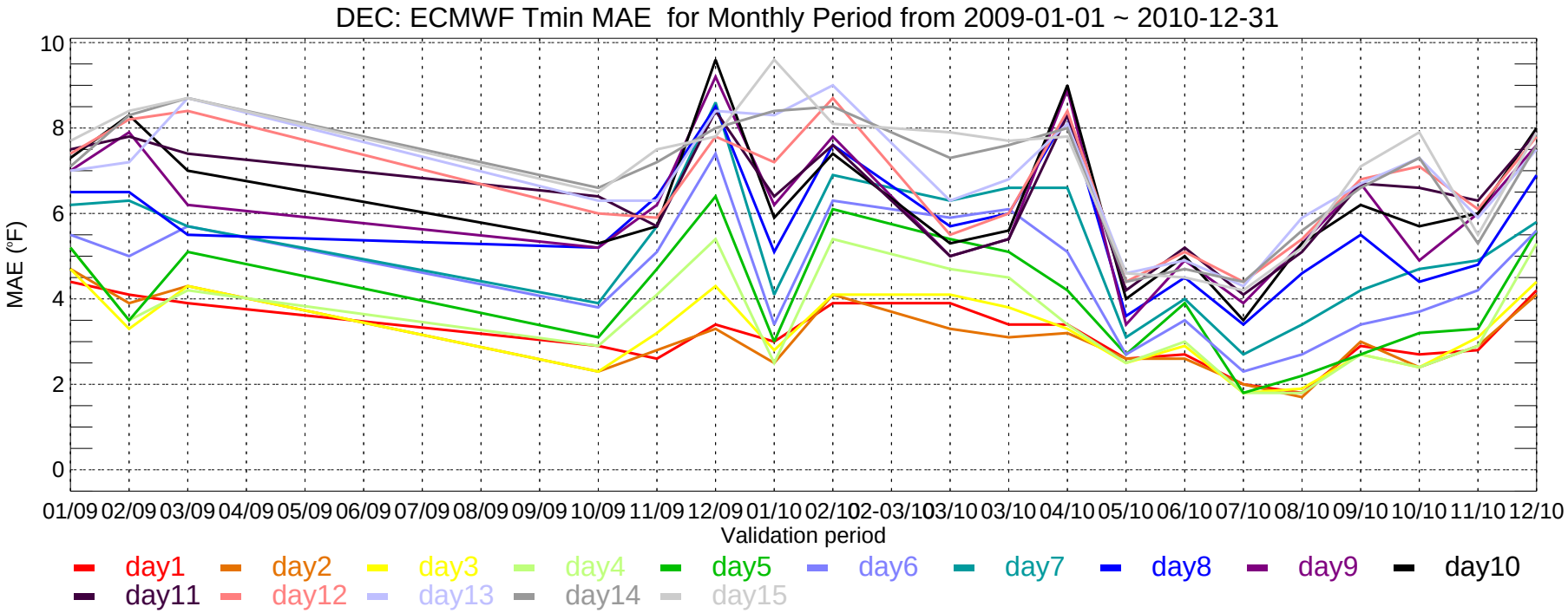

DCA: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

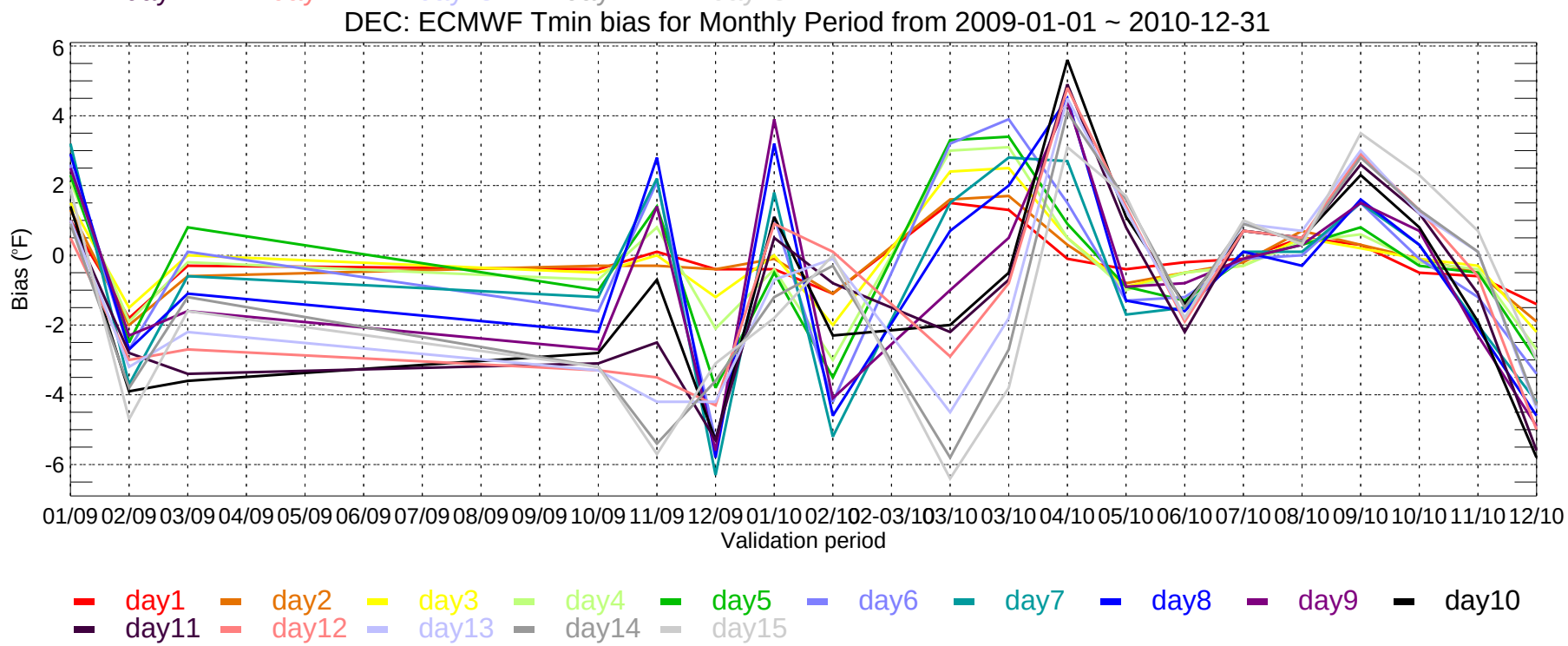

DCA: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

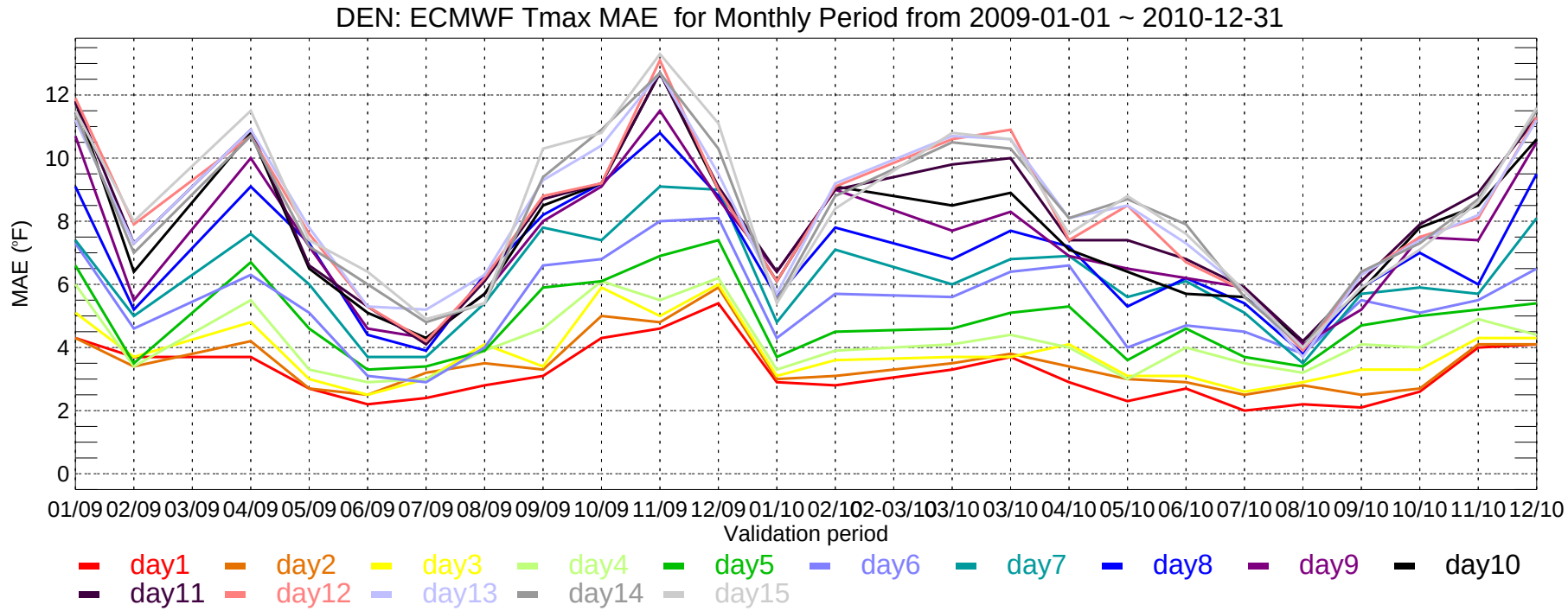

DCA: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

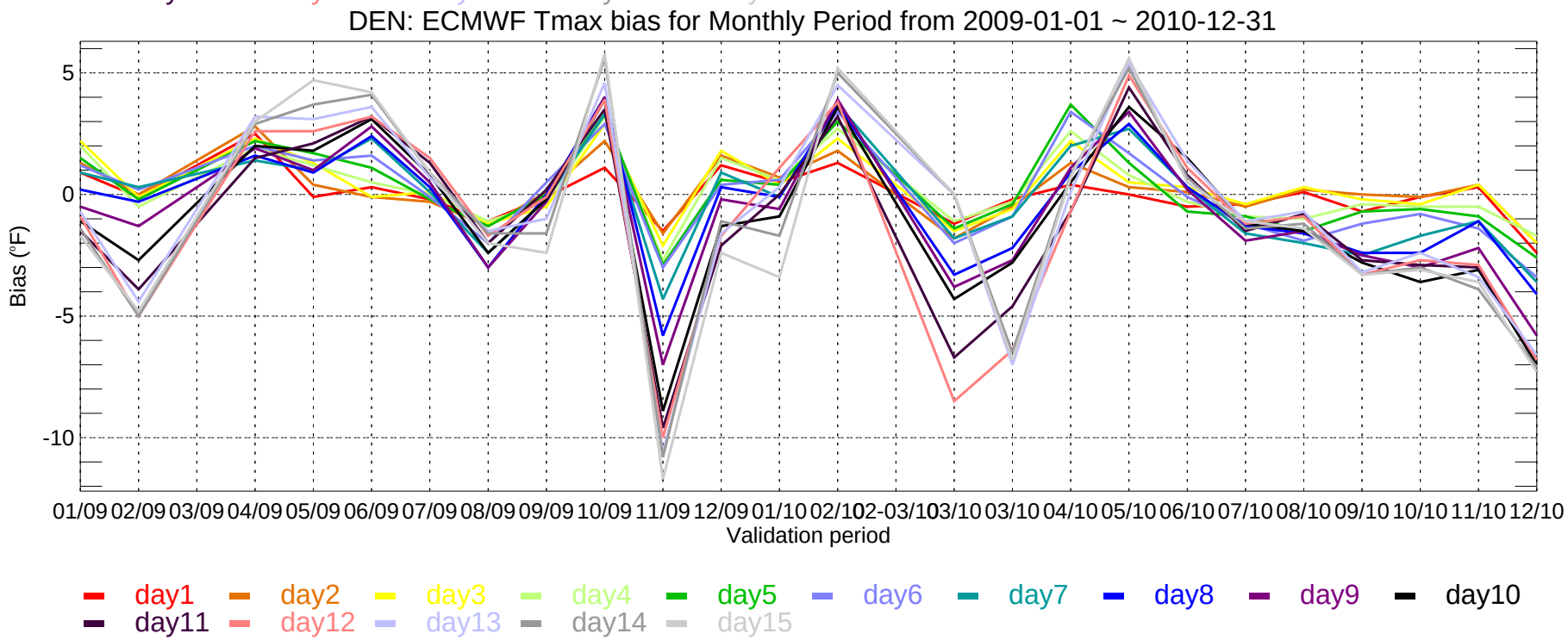

DEC: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

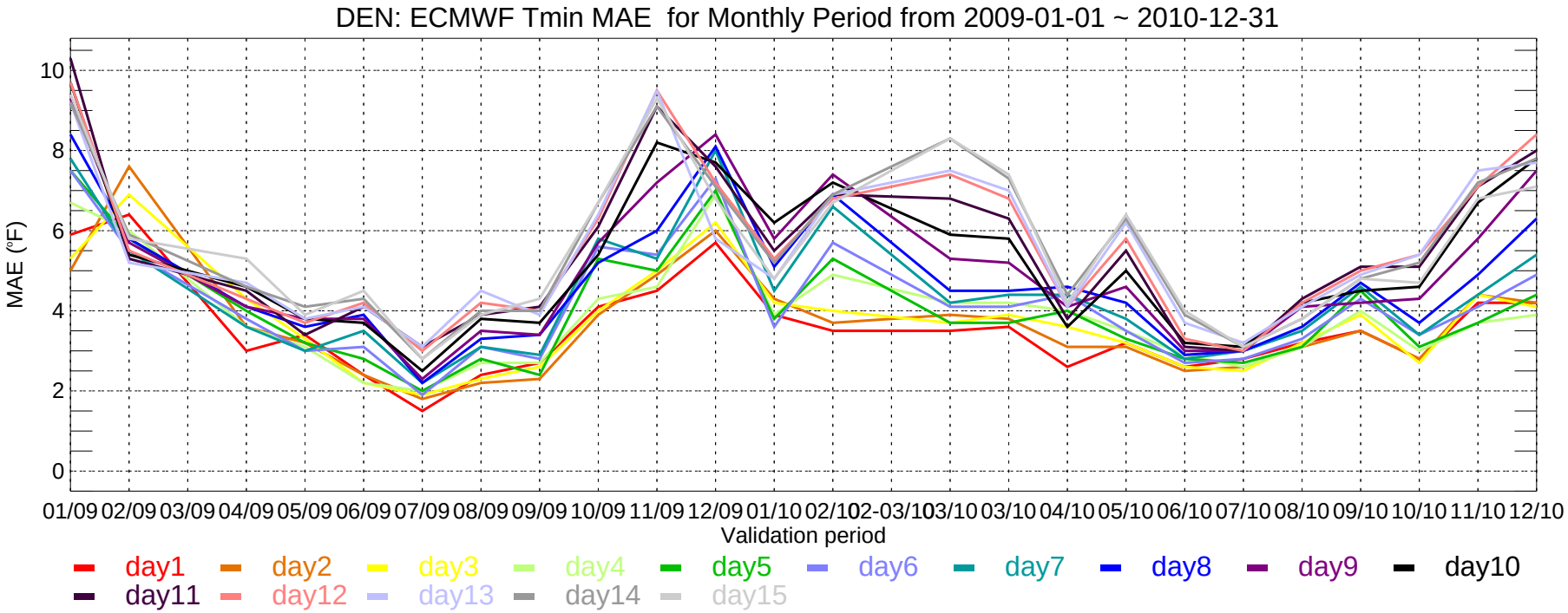

DEC: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

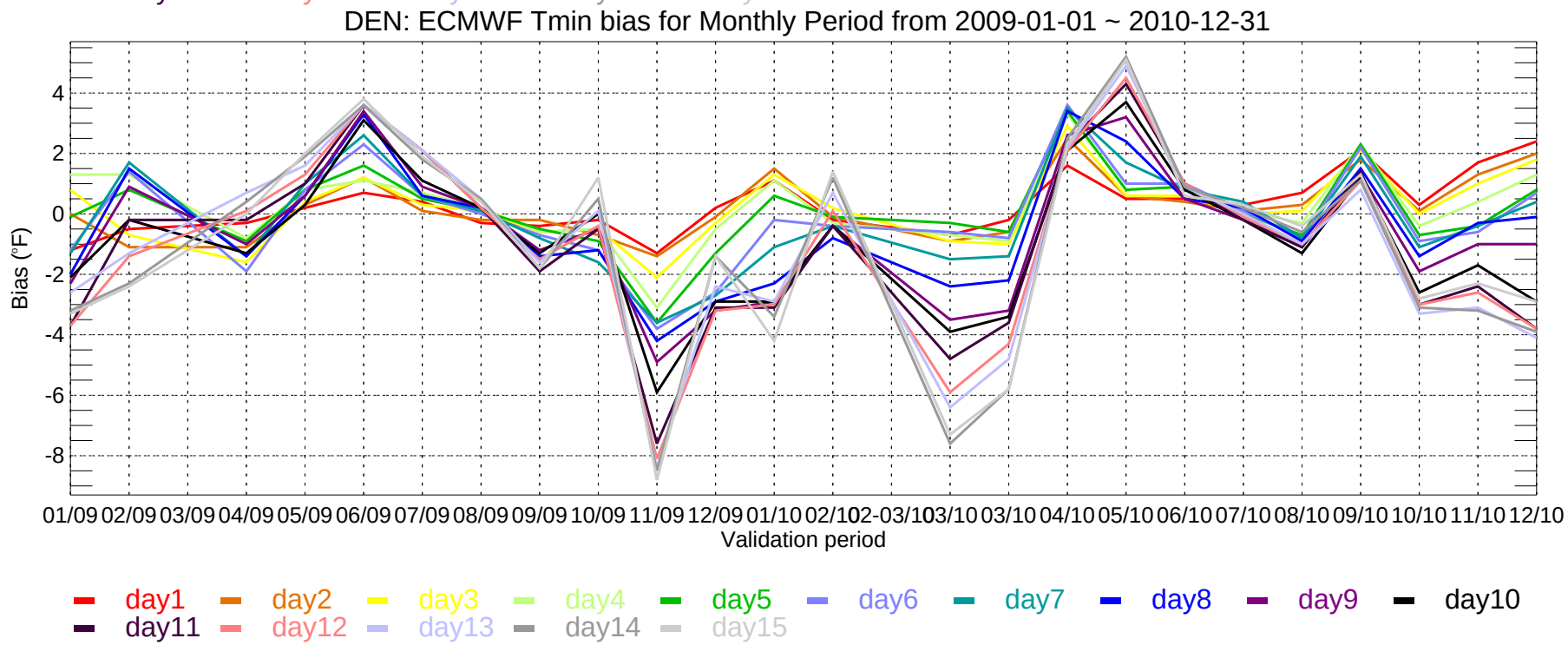

DEC: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

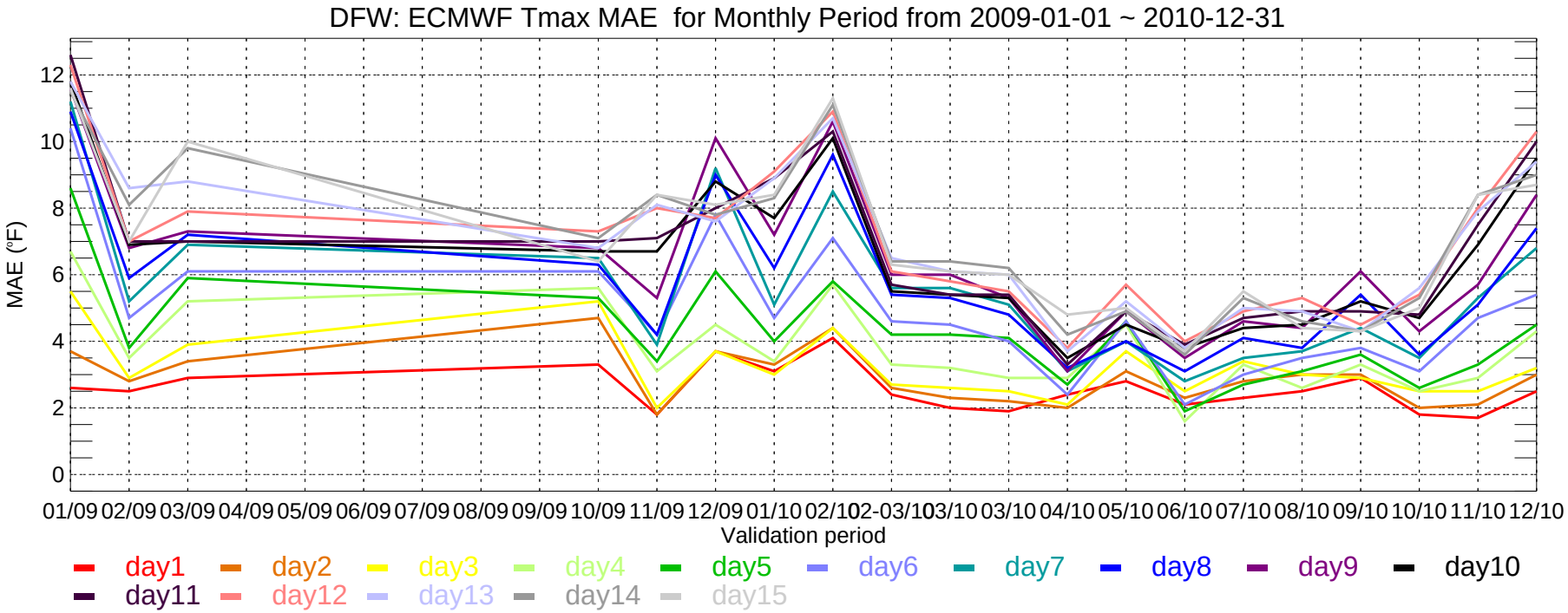

DEC: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

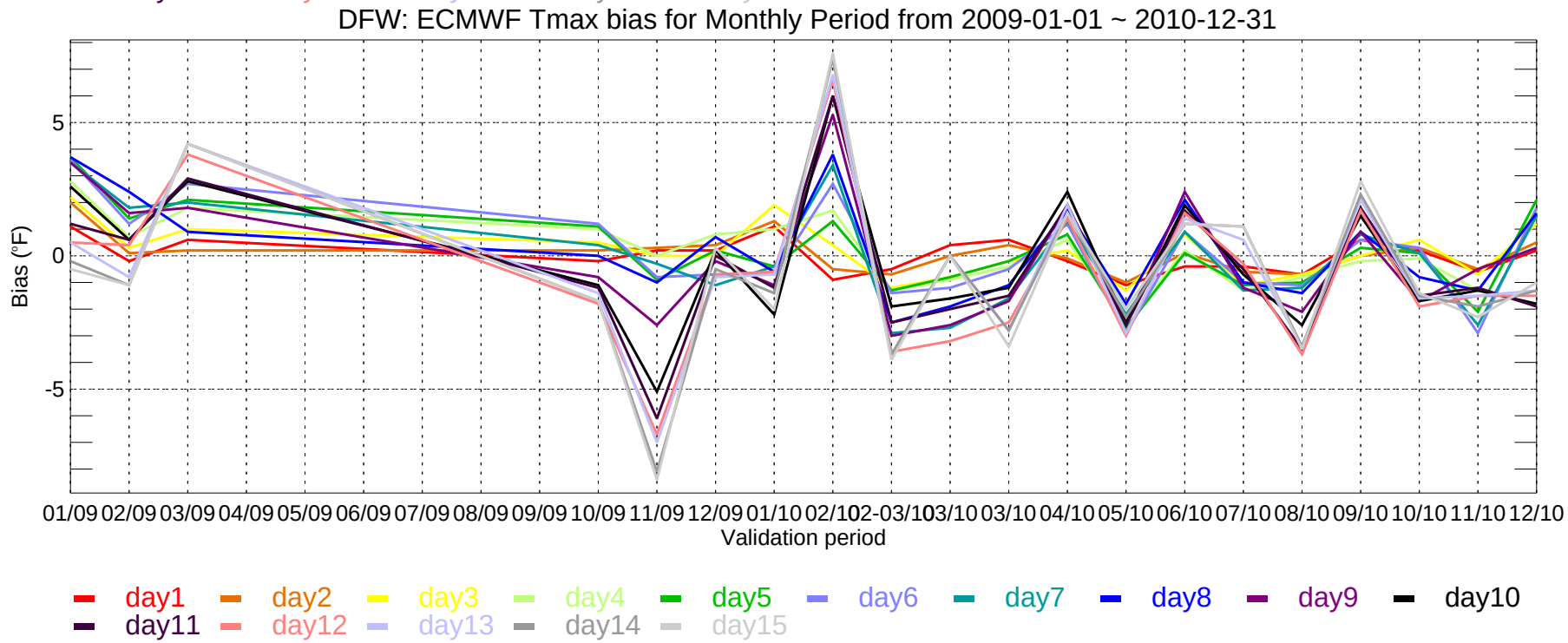

DEN: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

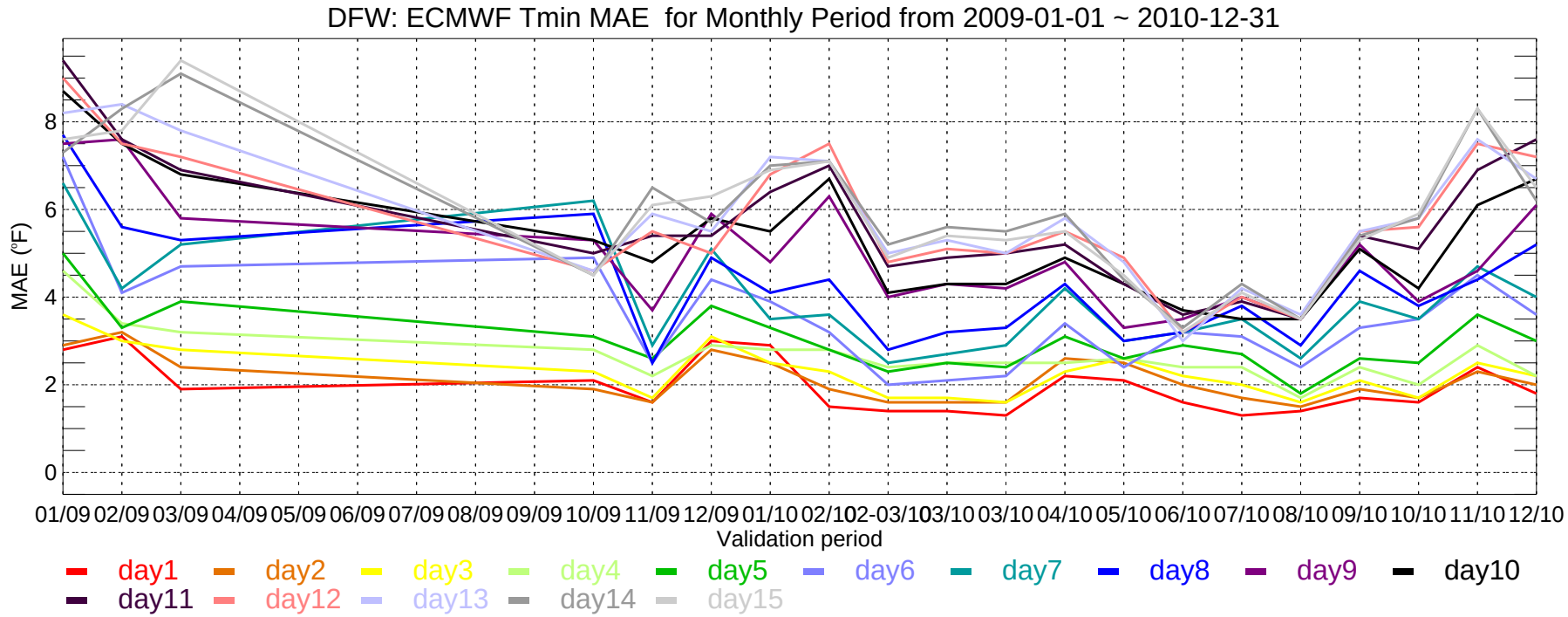

DEN: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

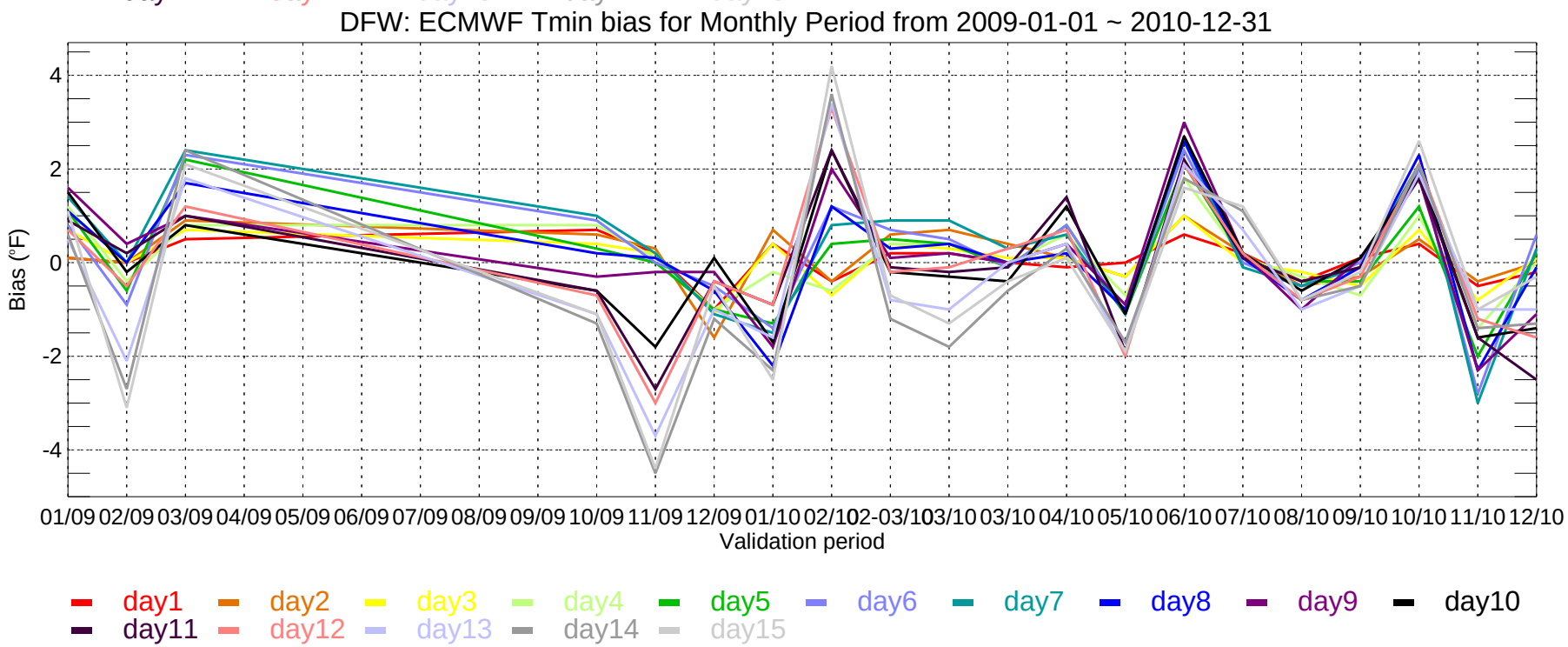

DEN: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

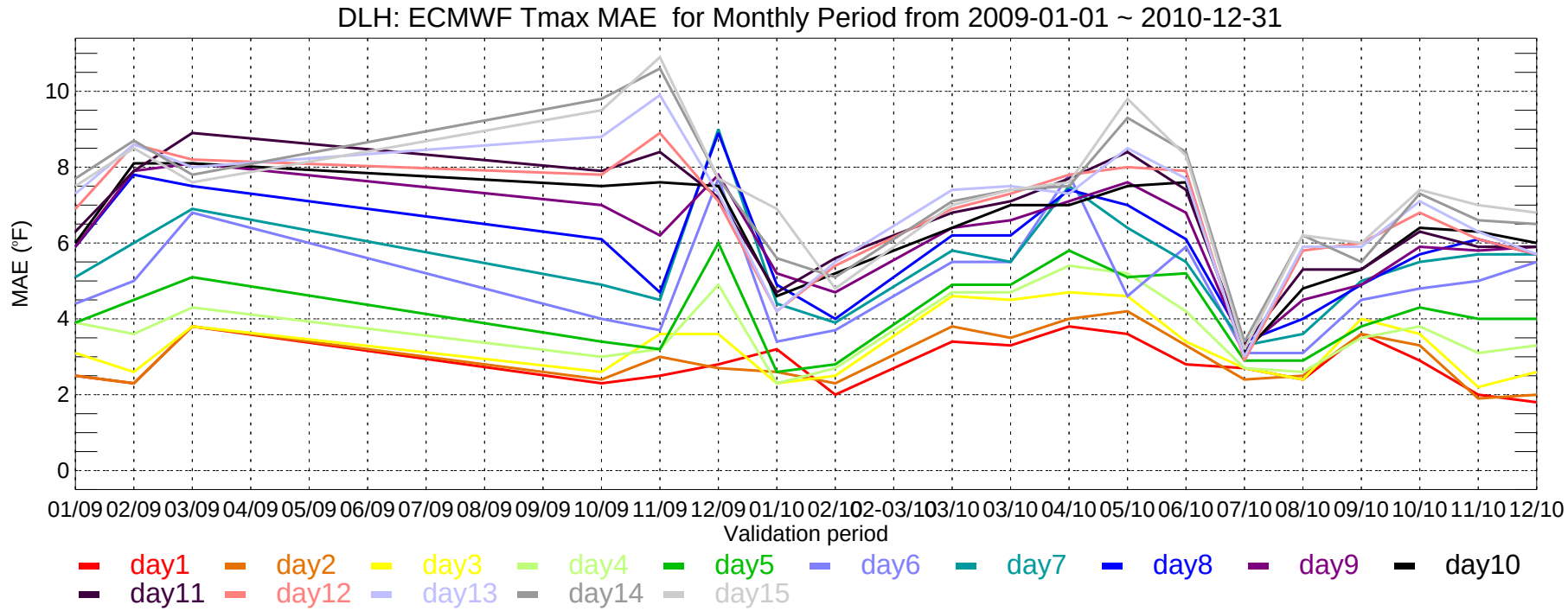

DEN: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

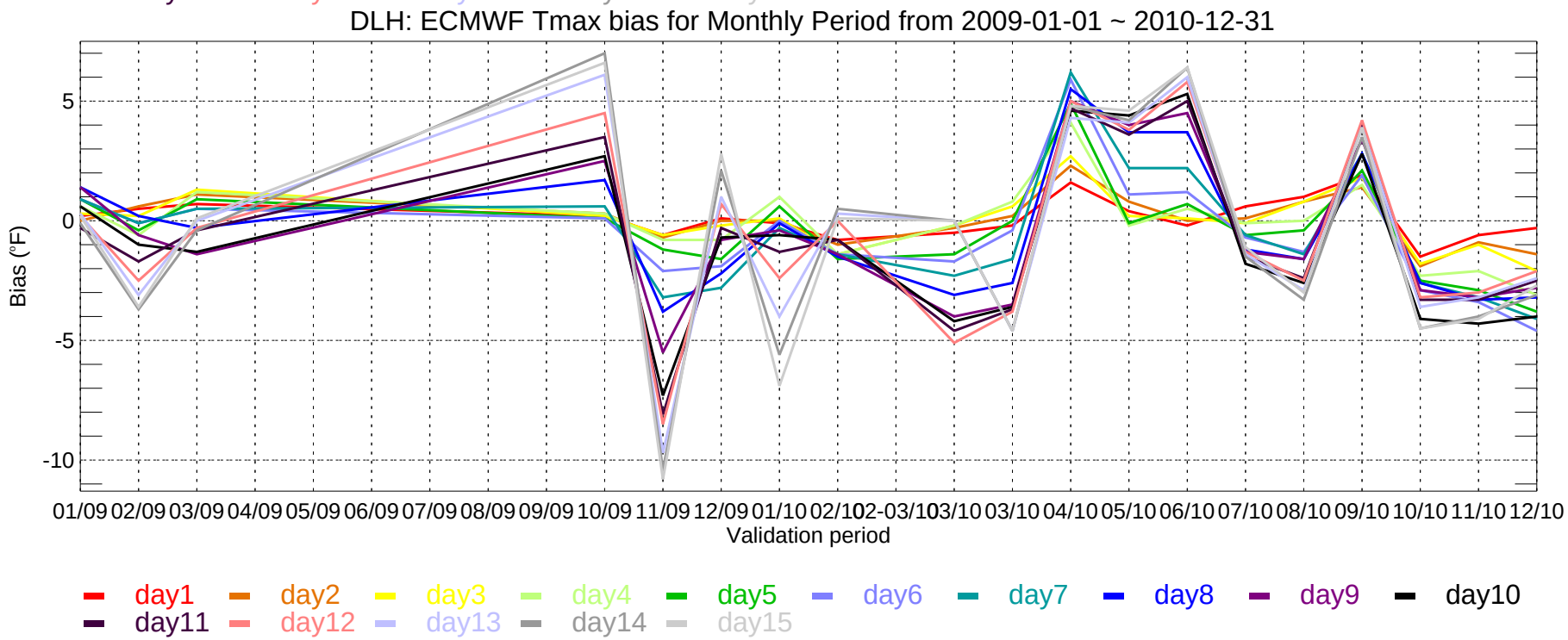

DFW: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

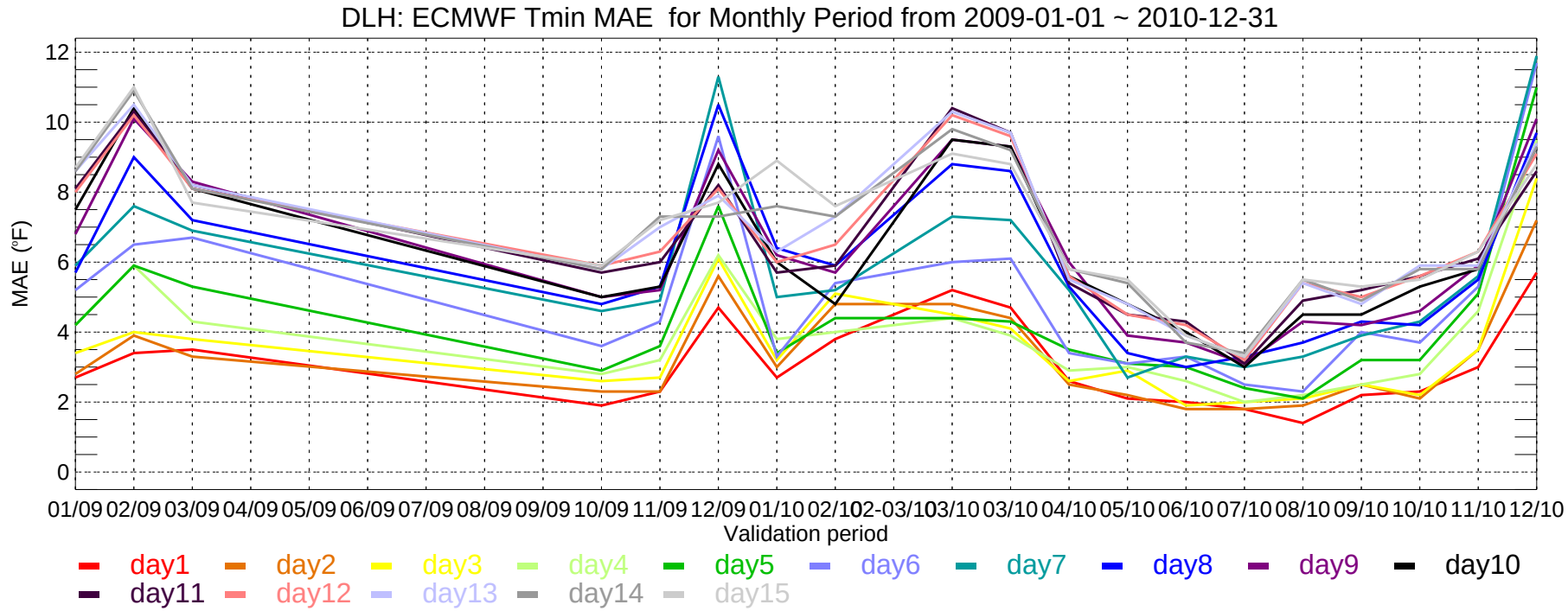

DFW: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

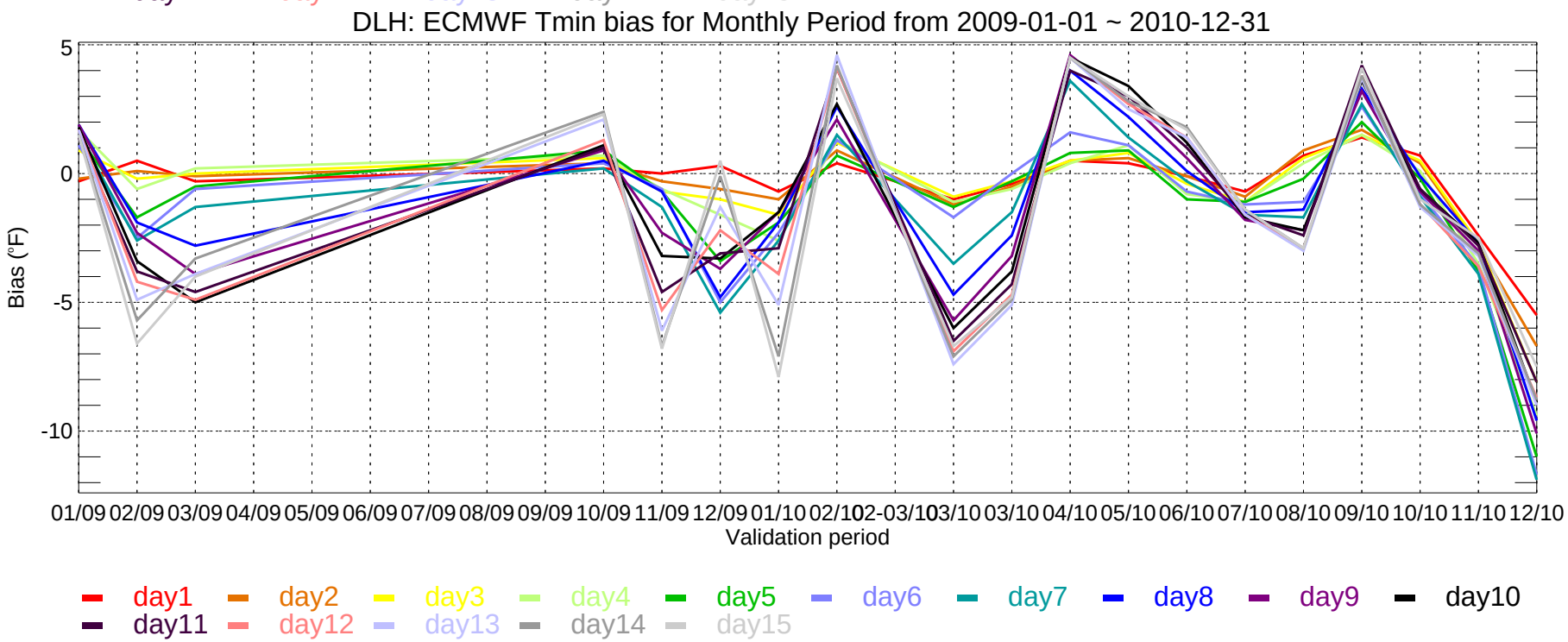

DFW: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

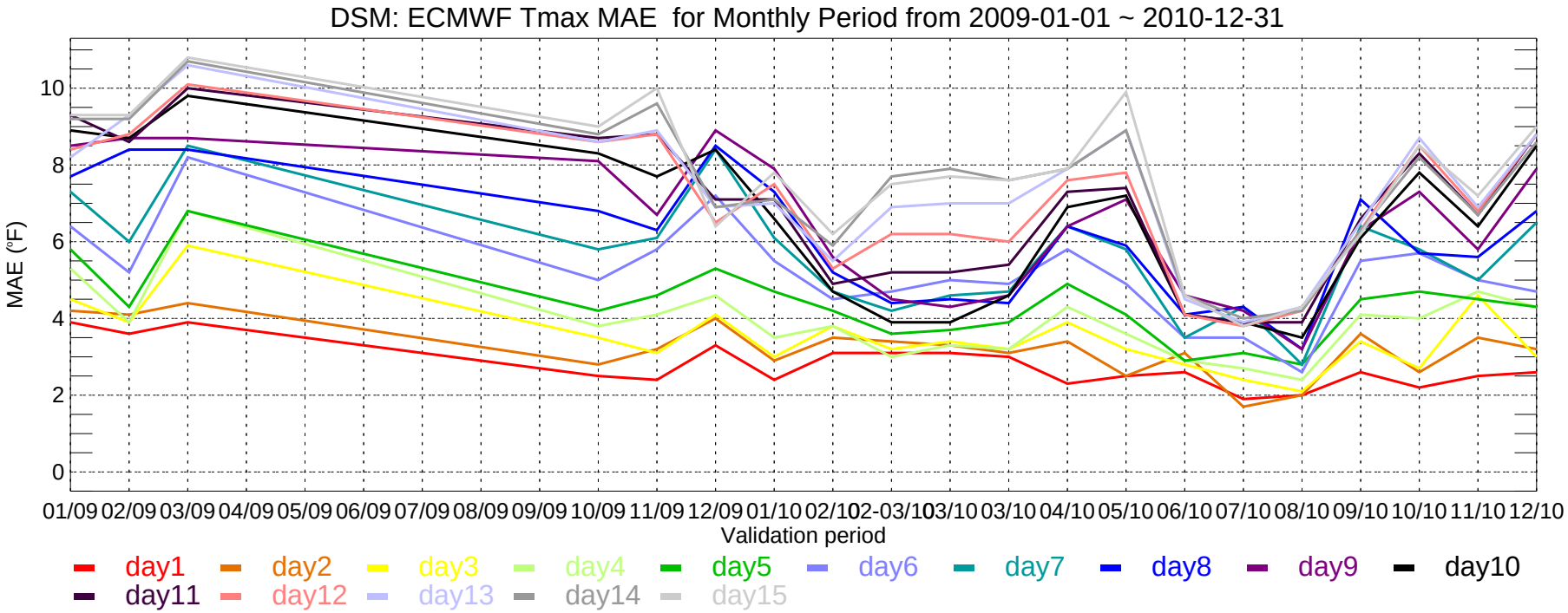

DFW: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

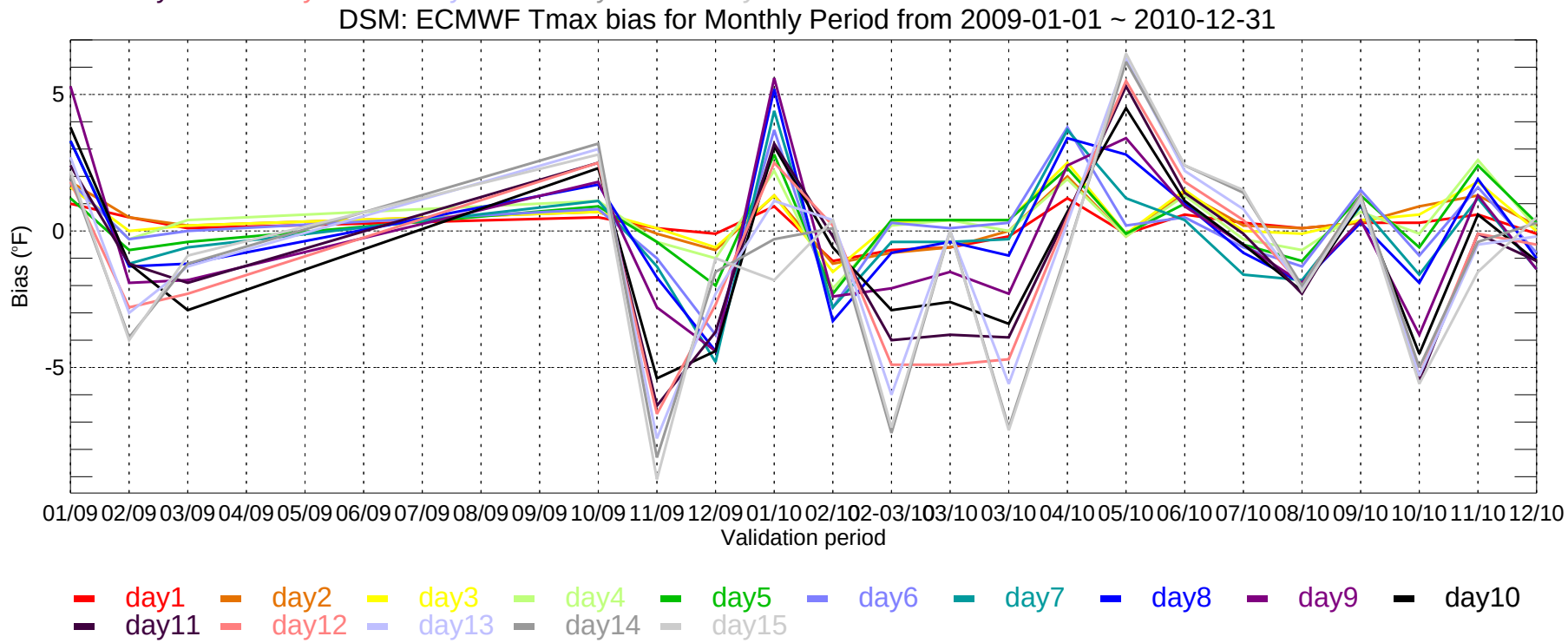

DLH: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

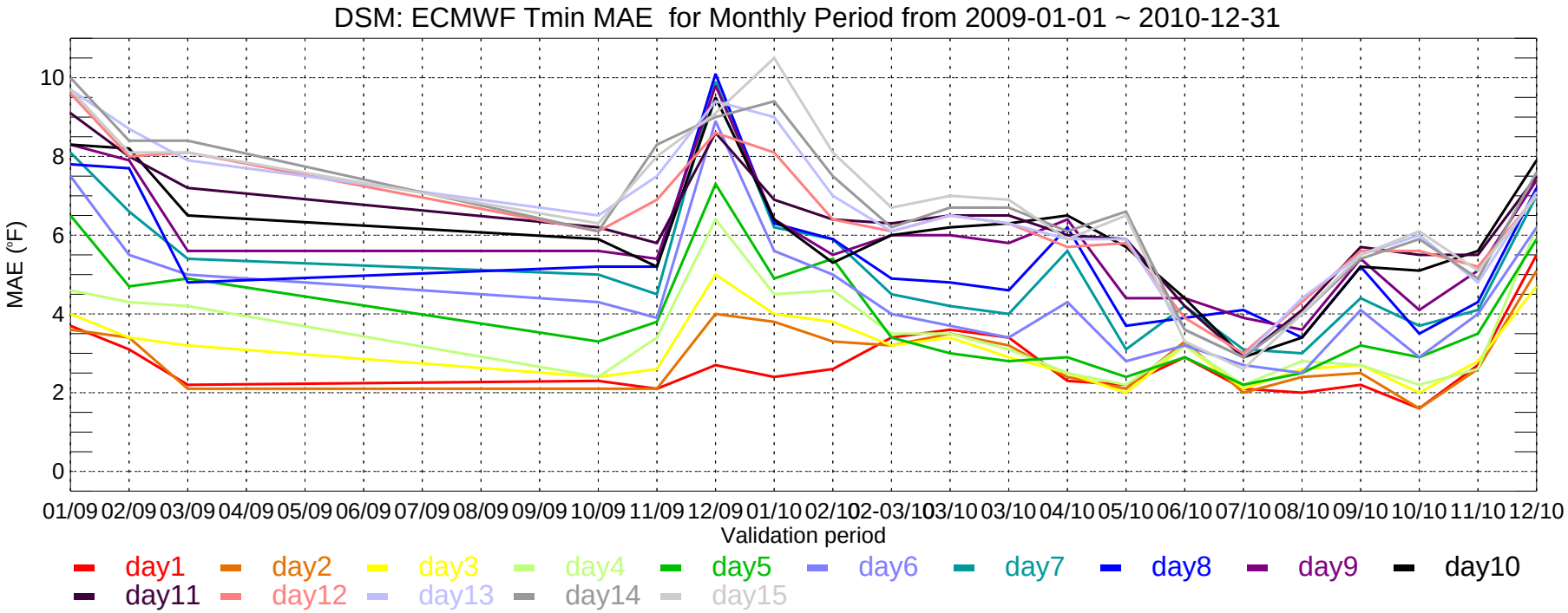

DLH: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-10
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

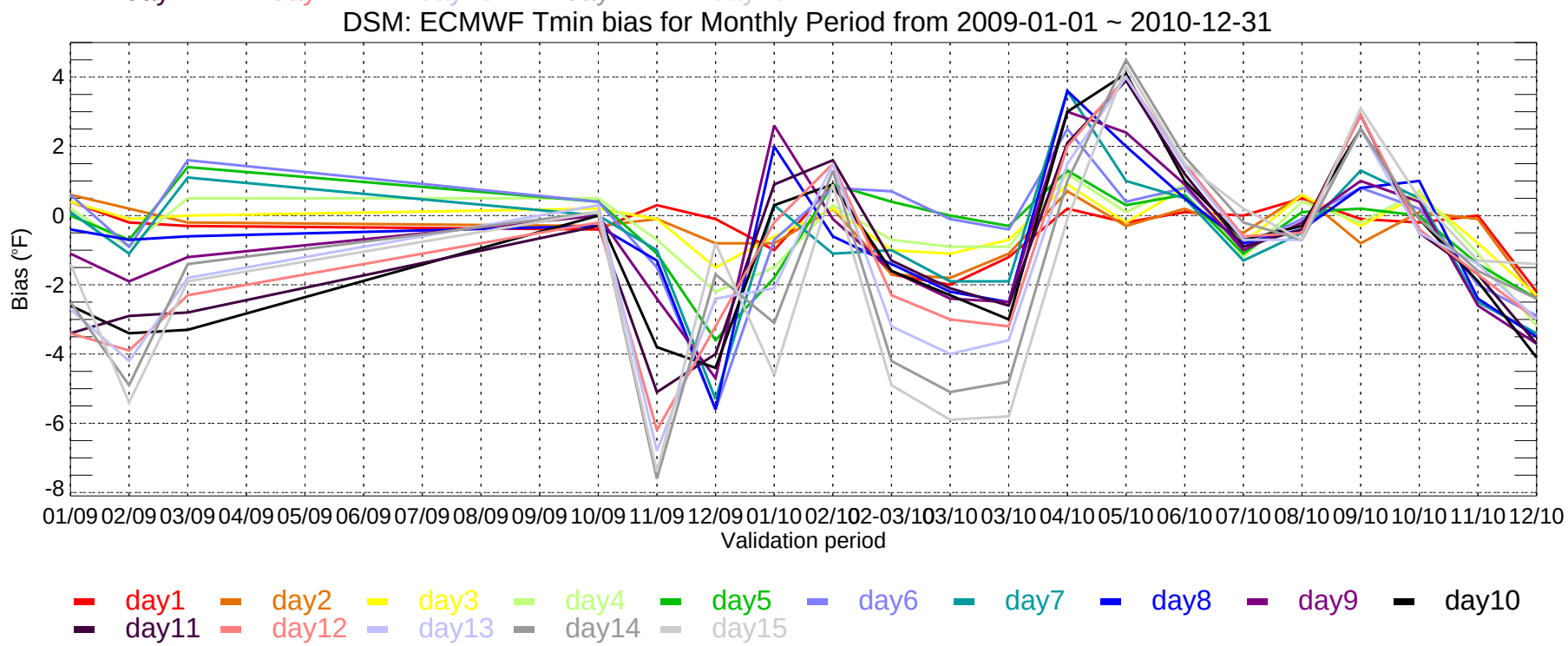

DLH: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

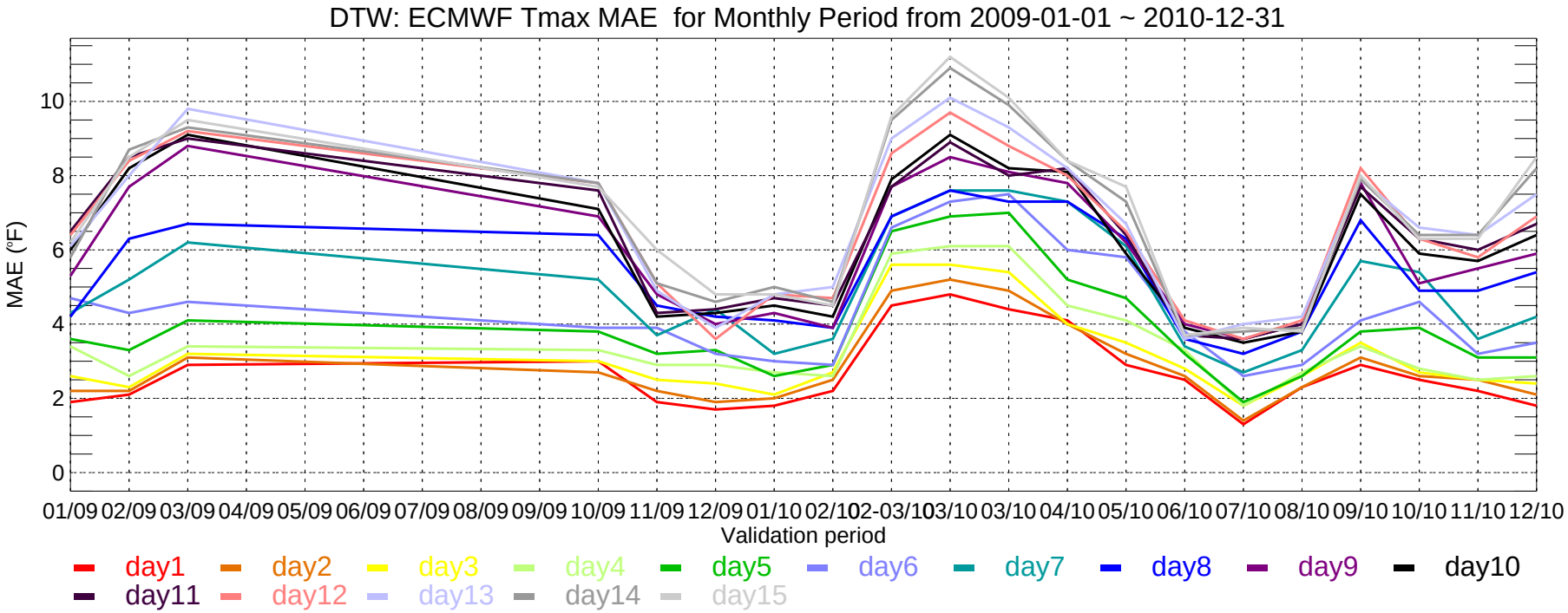

DLH: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

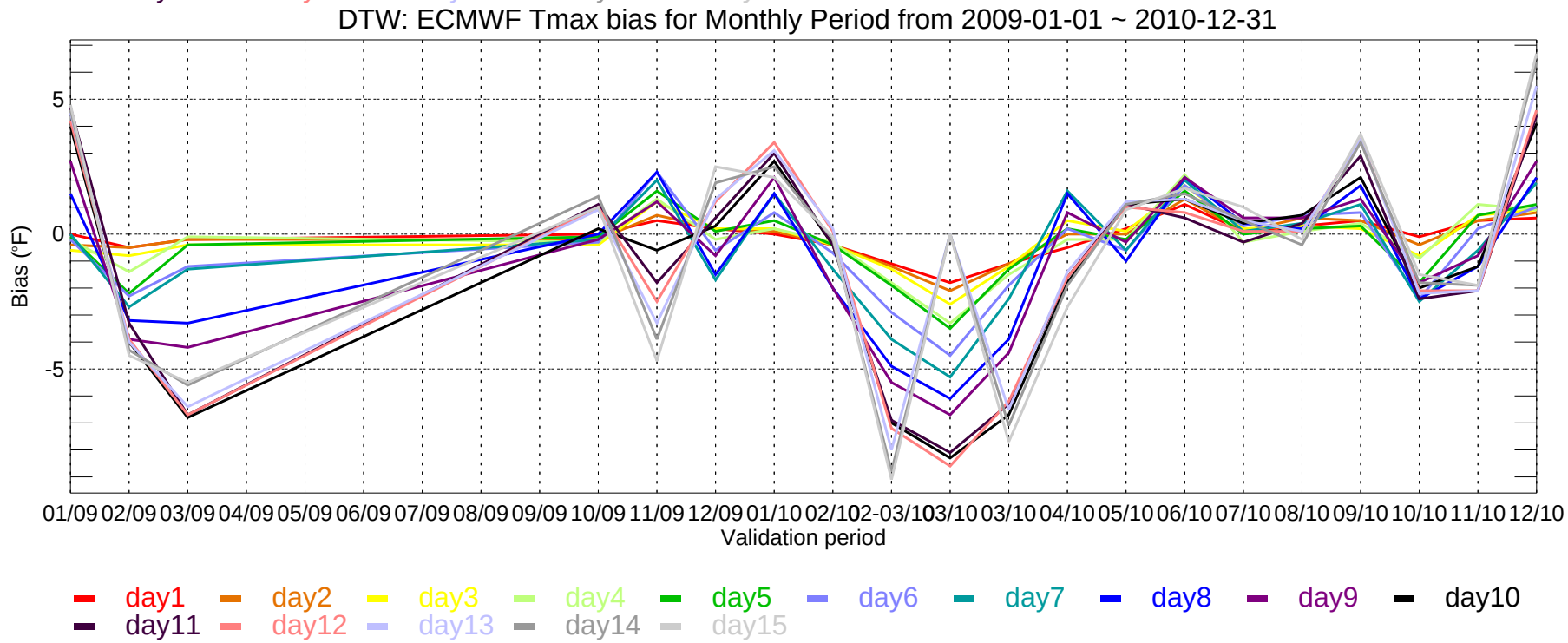

DSM: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

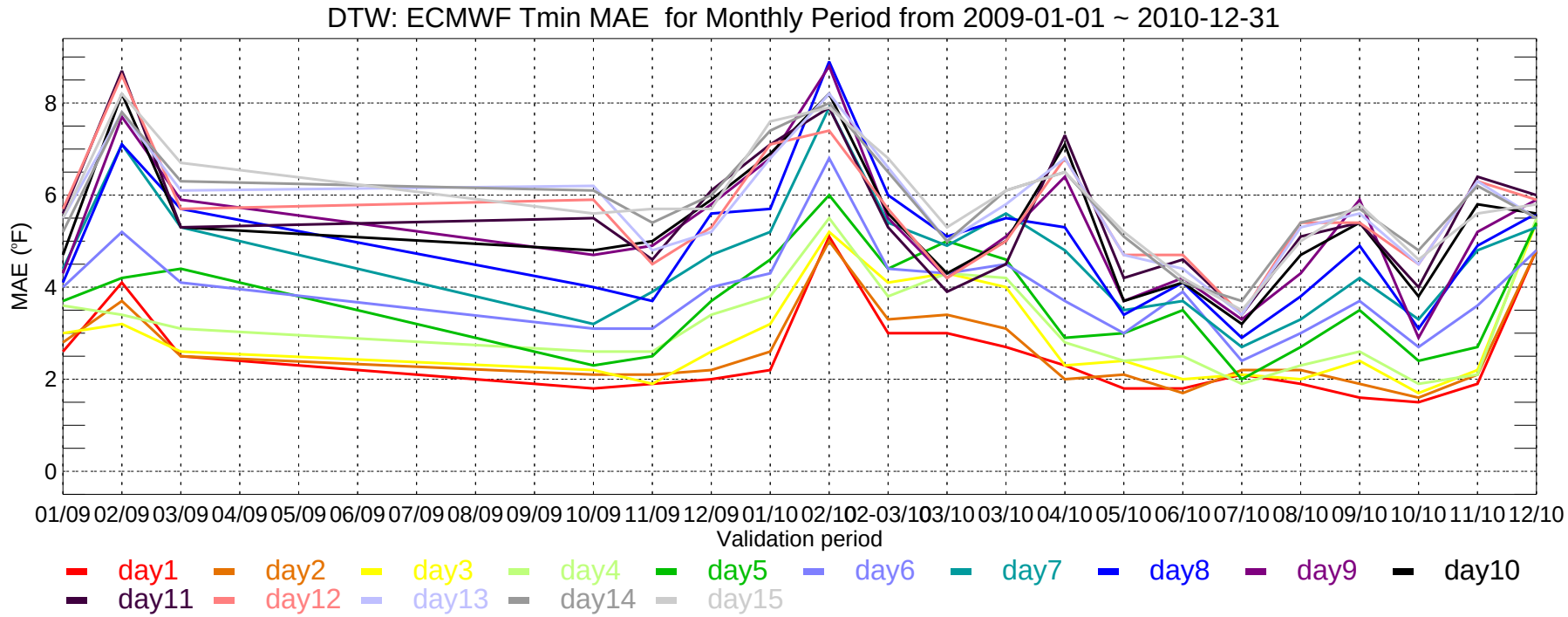

DSM: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

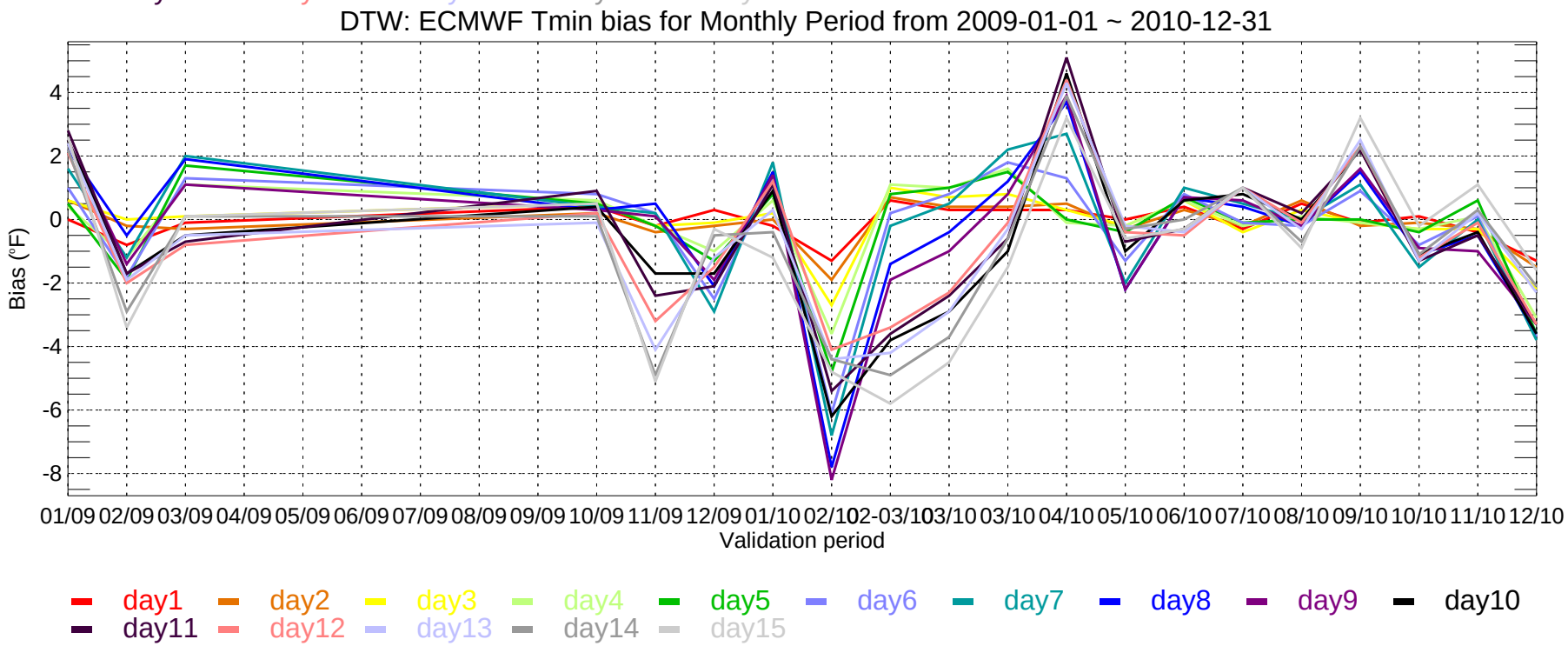

DSM: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

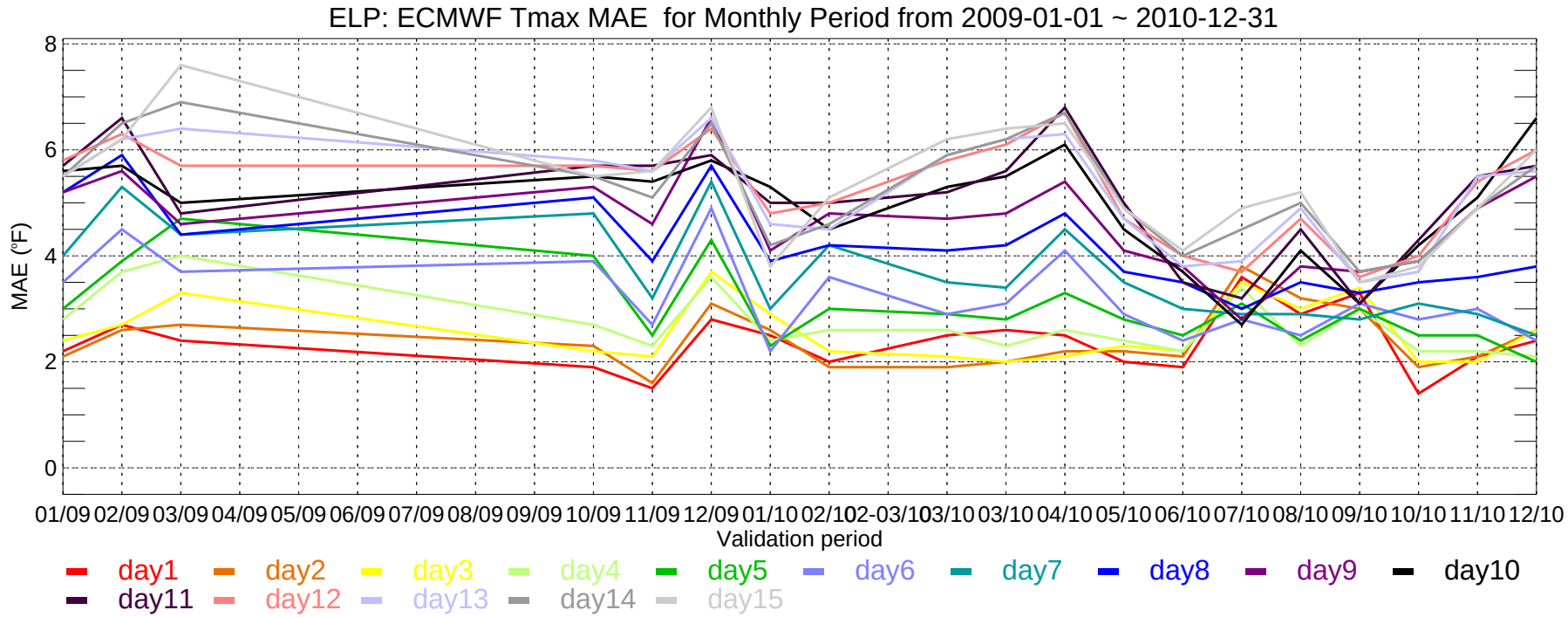

DSM: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

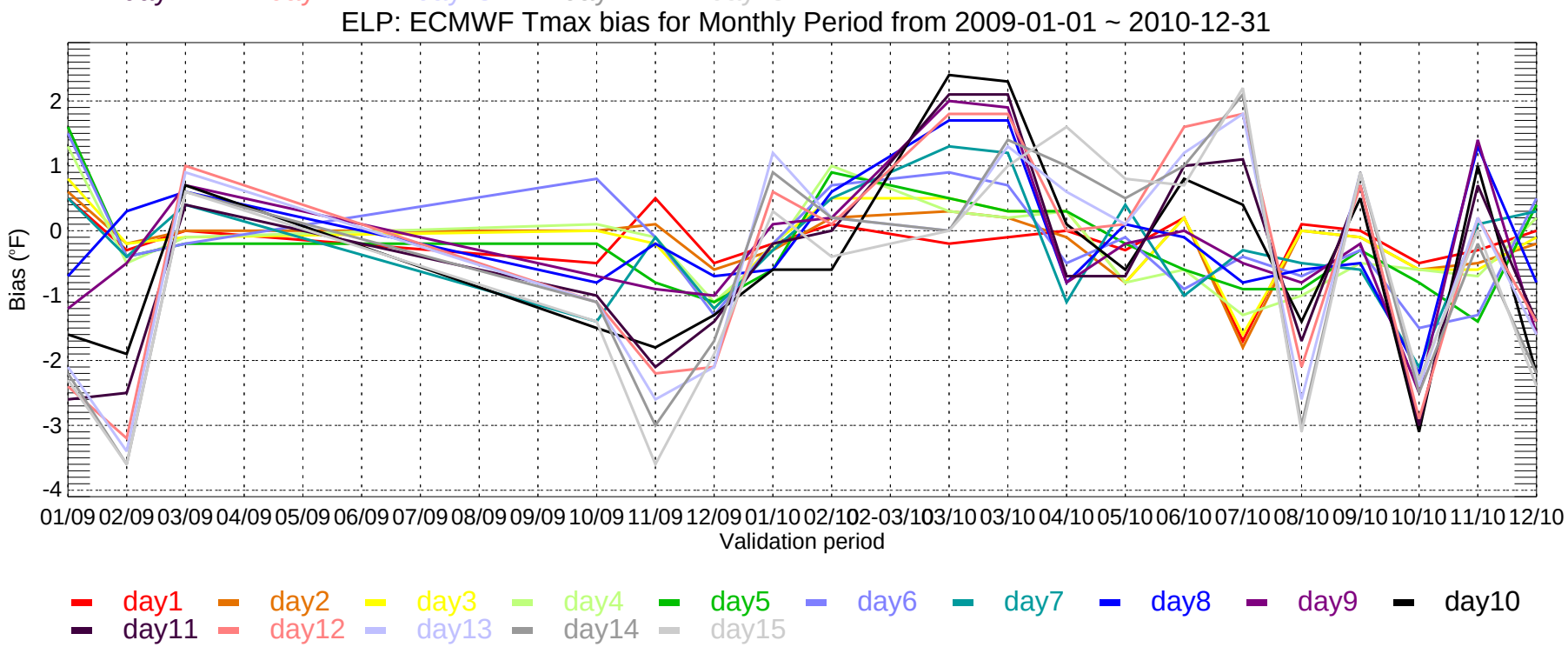

DTW: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

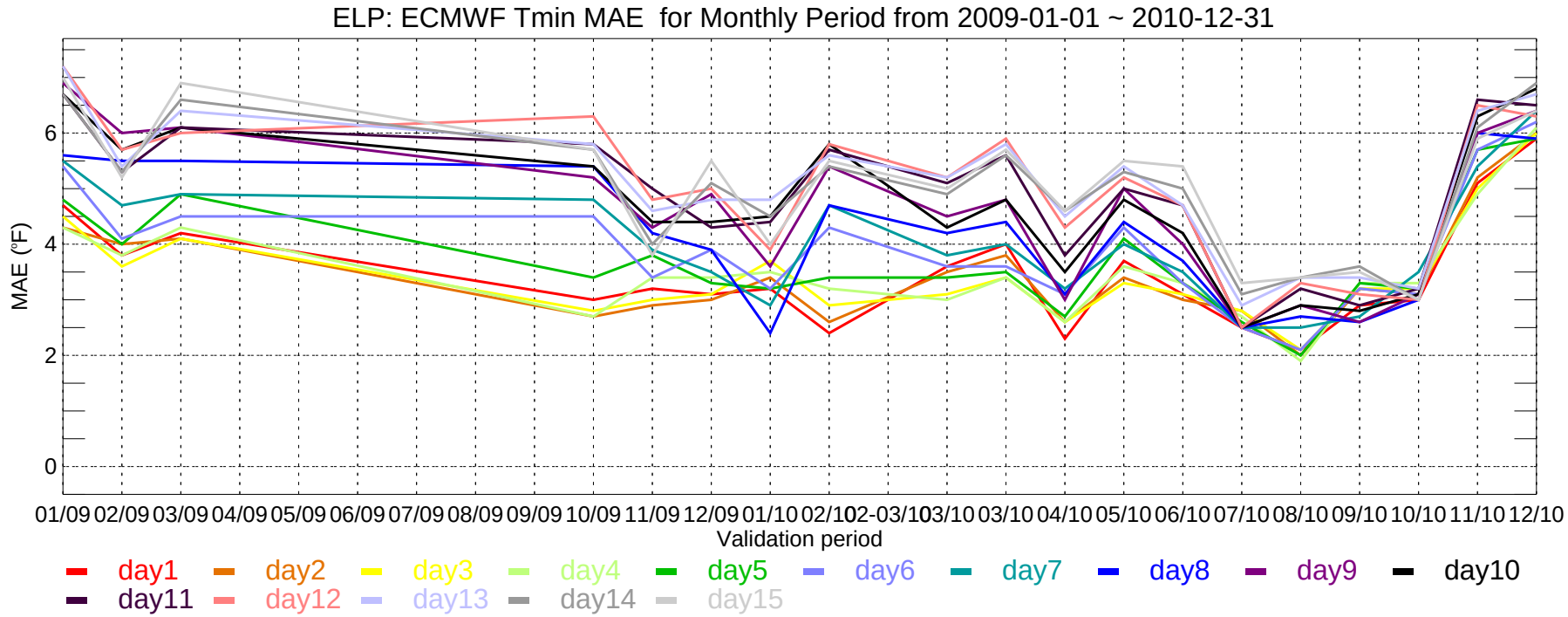

DTW: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

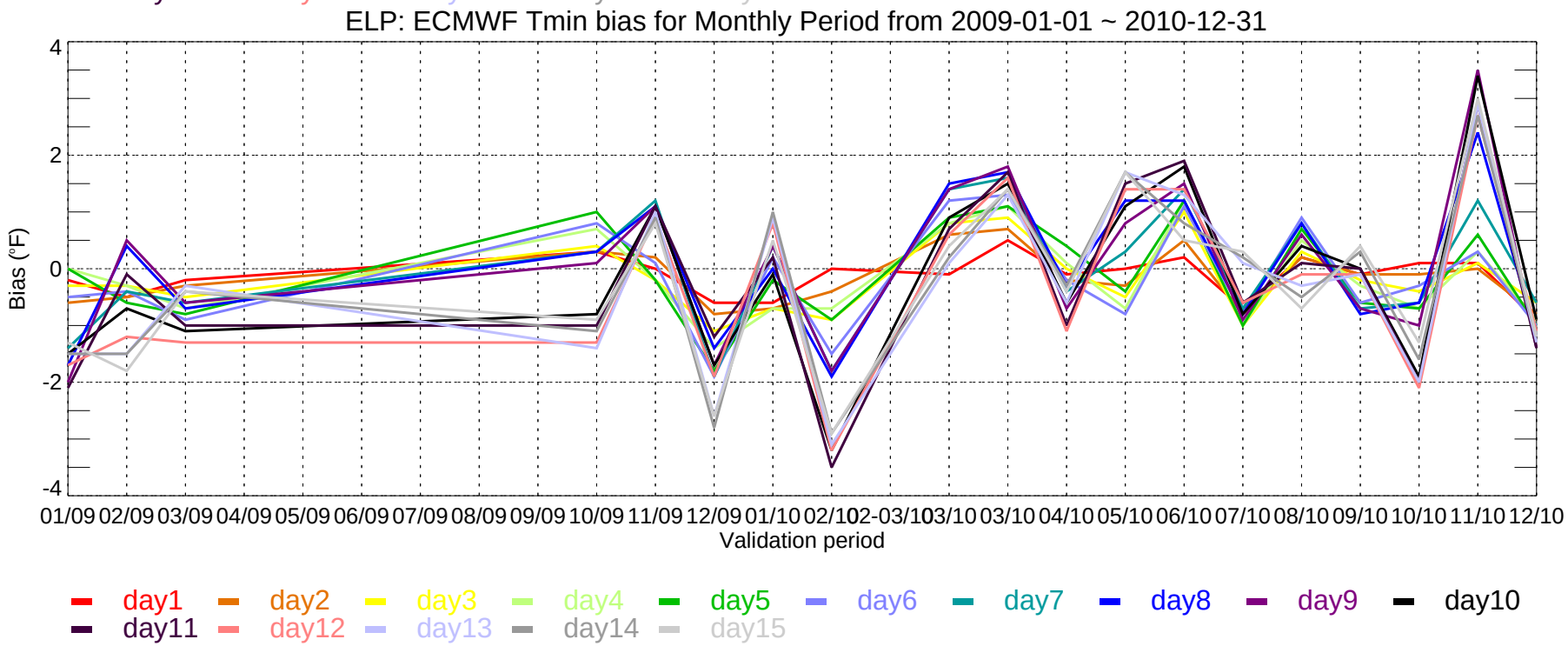

DTW: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

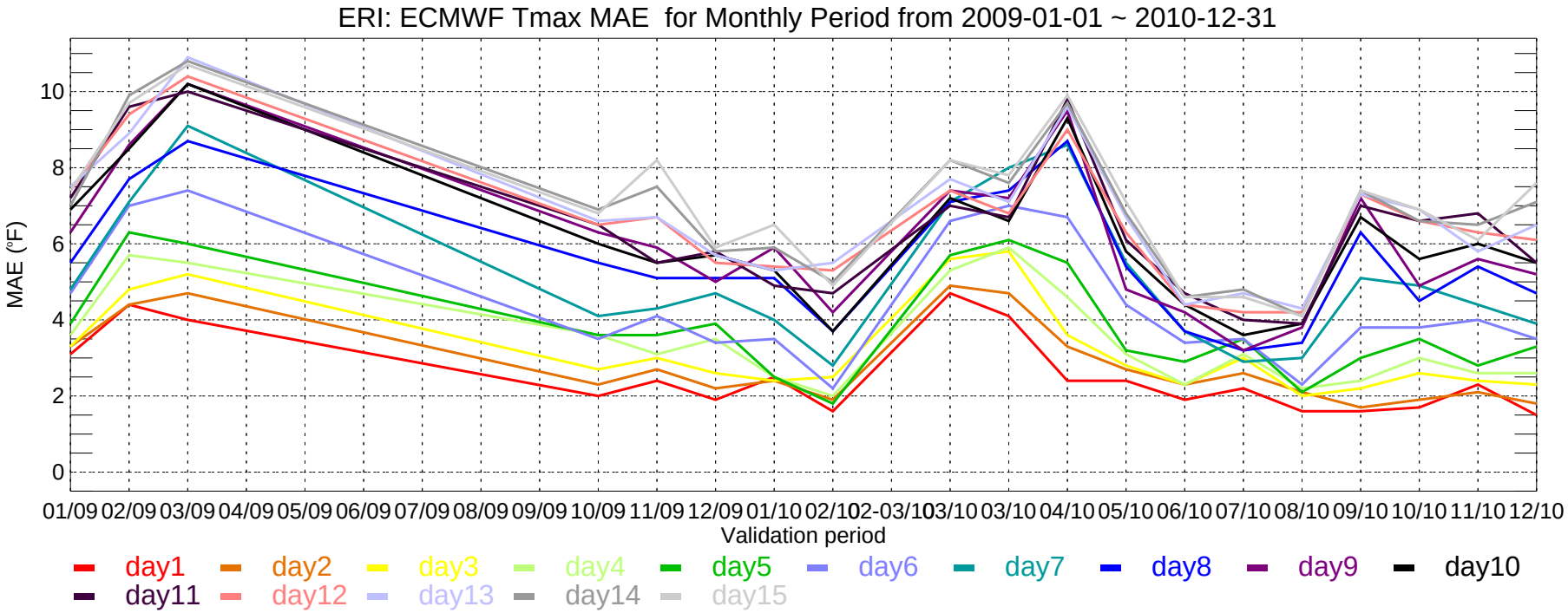

DTW: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

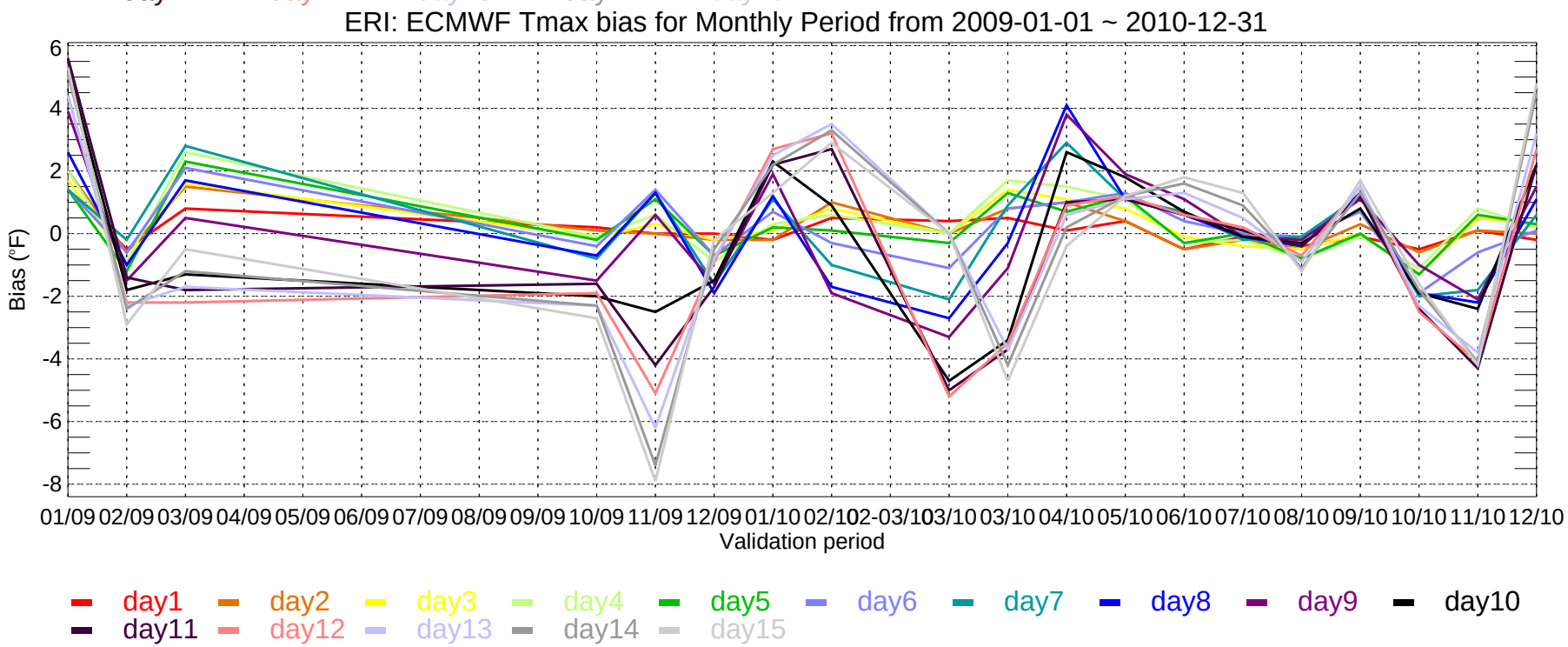

ELP: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

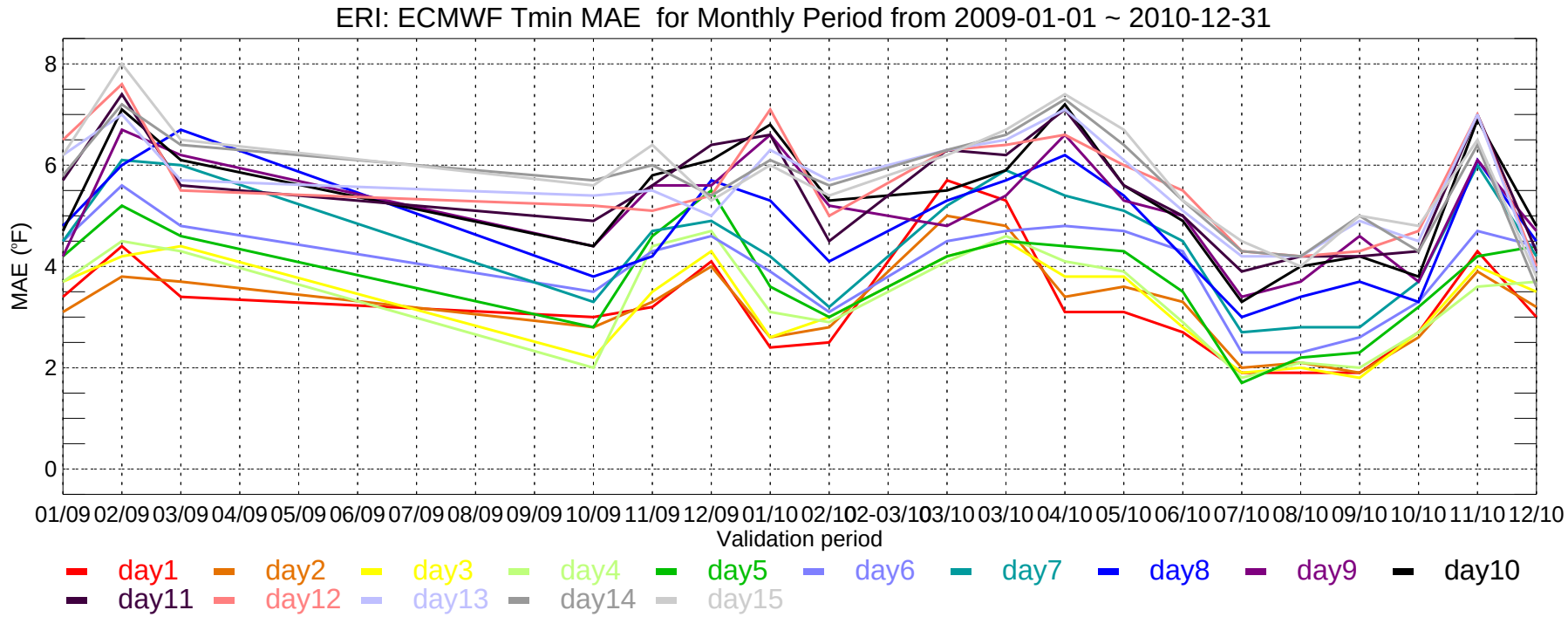

ELP: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
2
1
0
-1
-2
-3
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

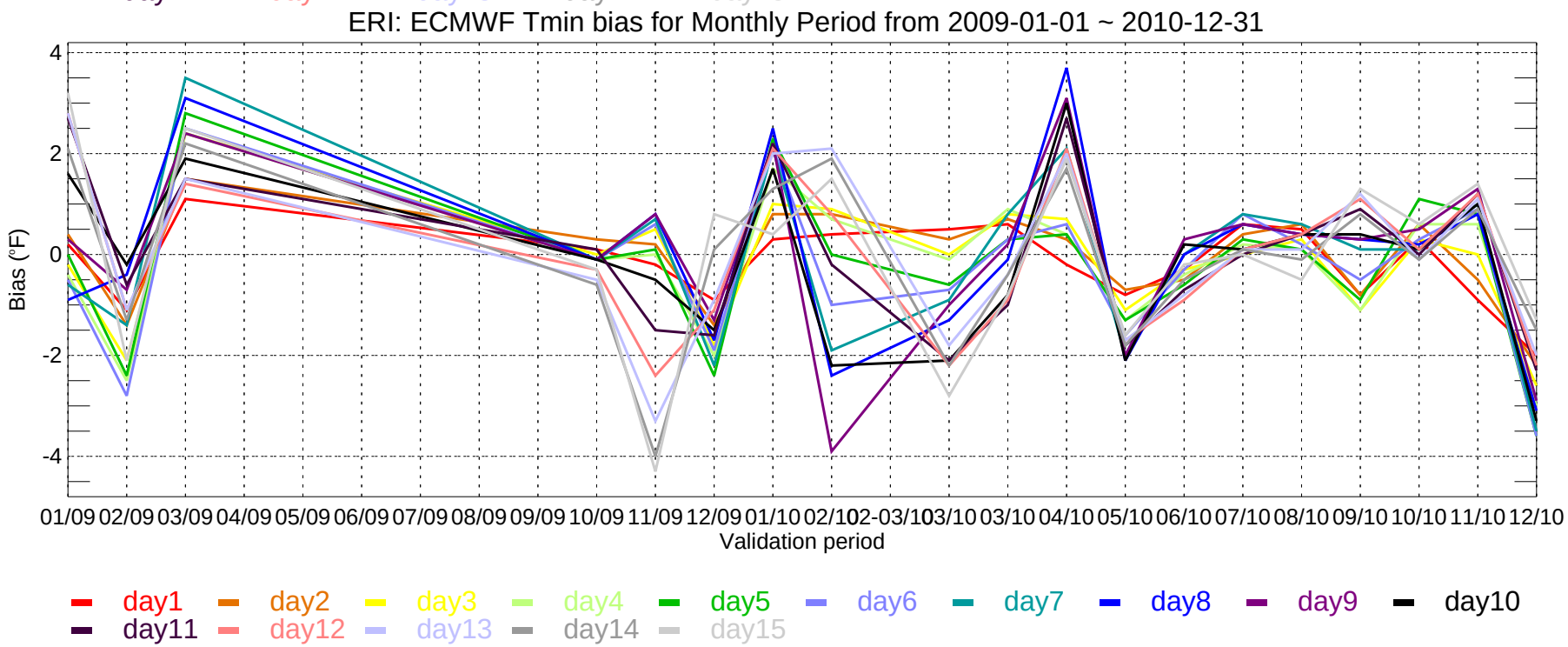

ELP: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

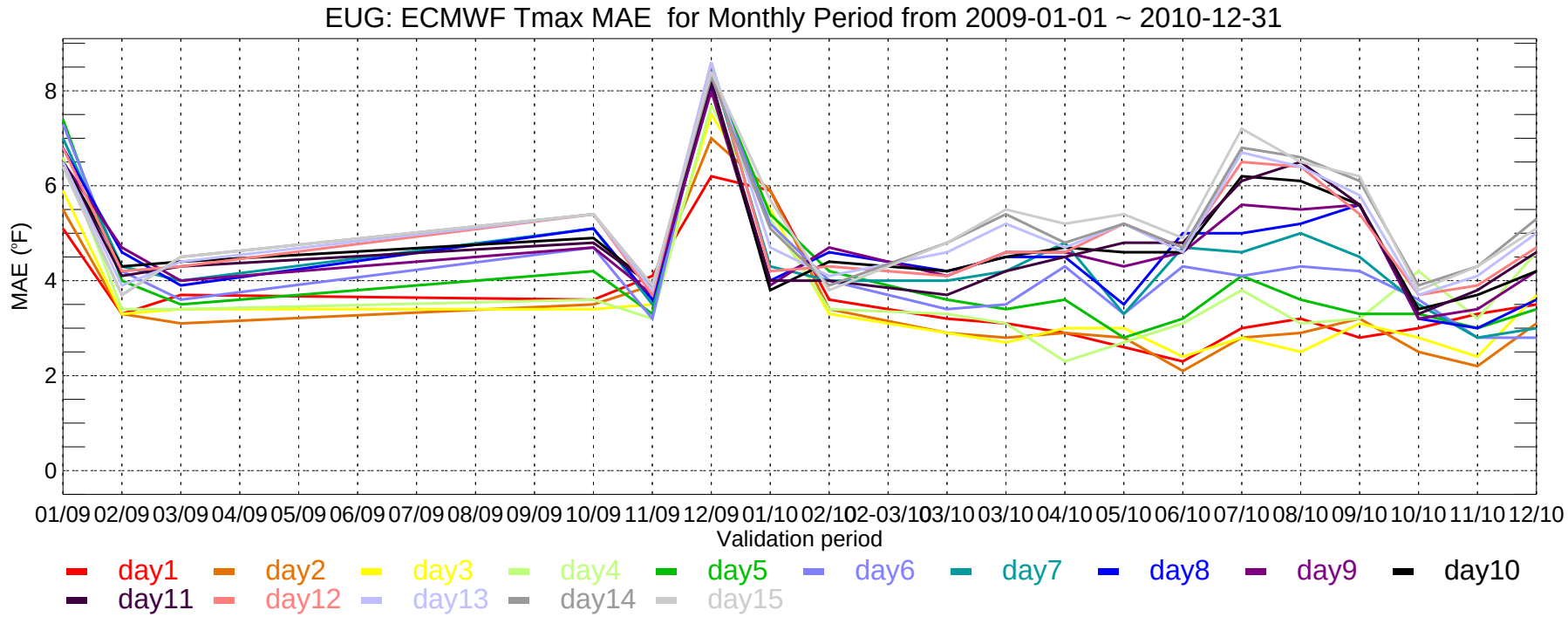

ELP: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

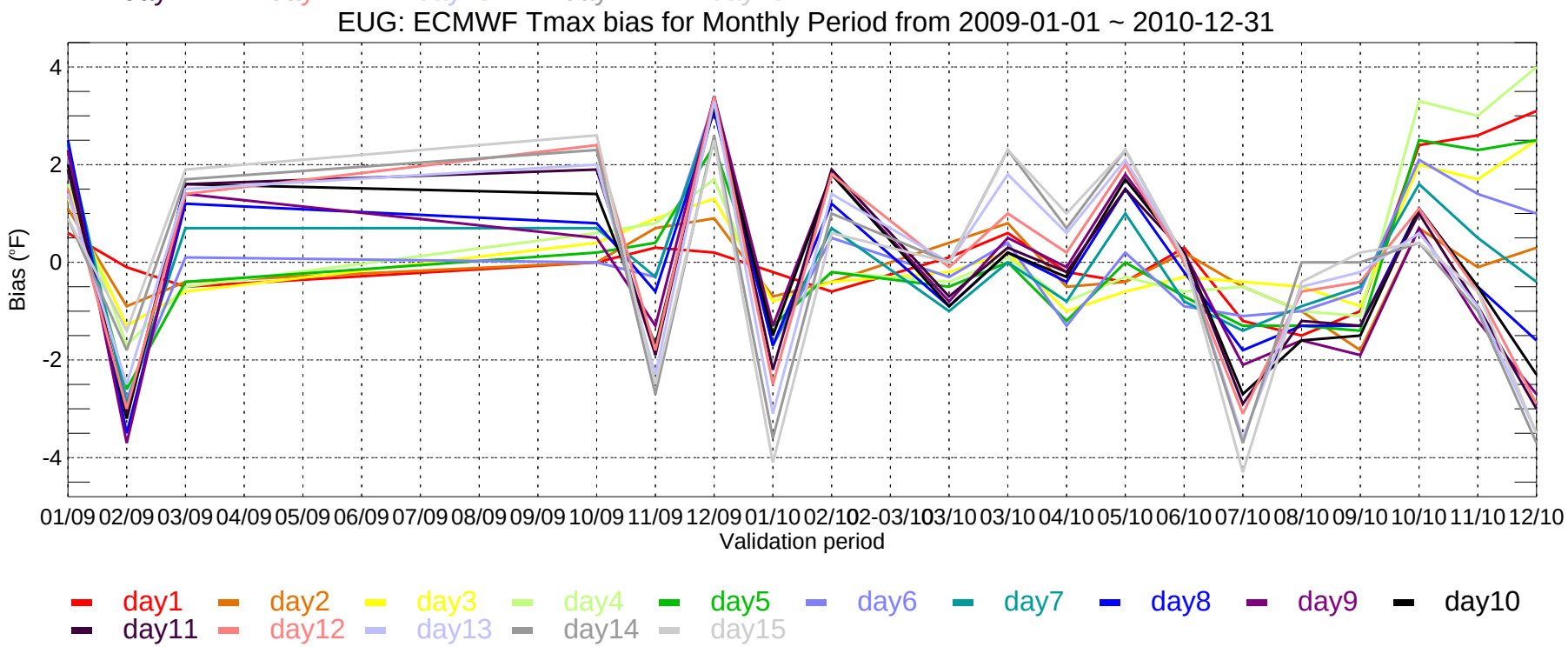

ERI: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

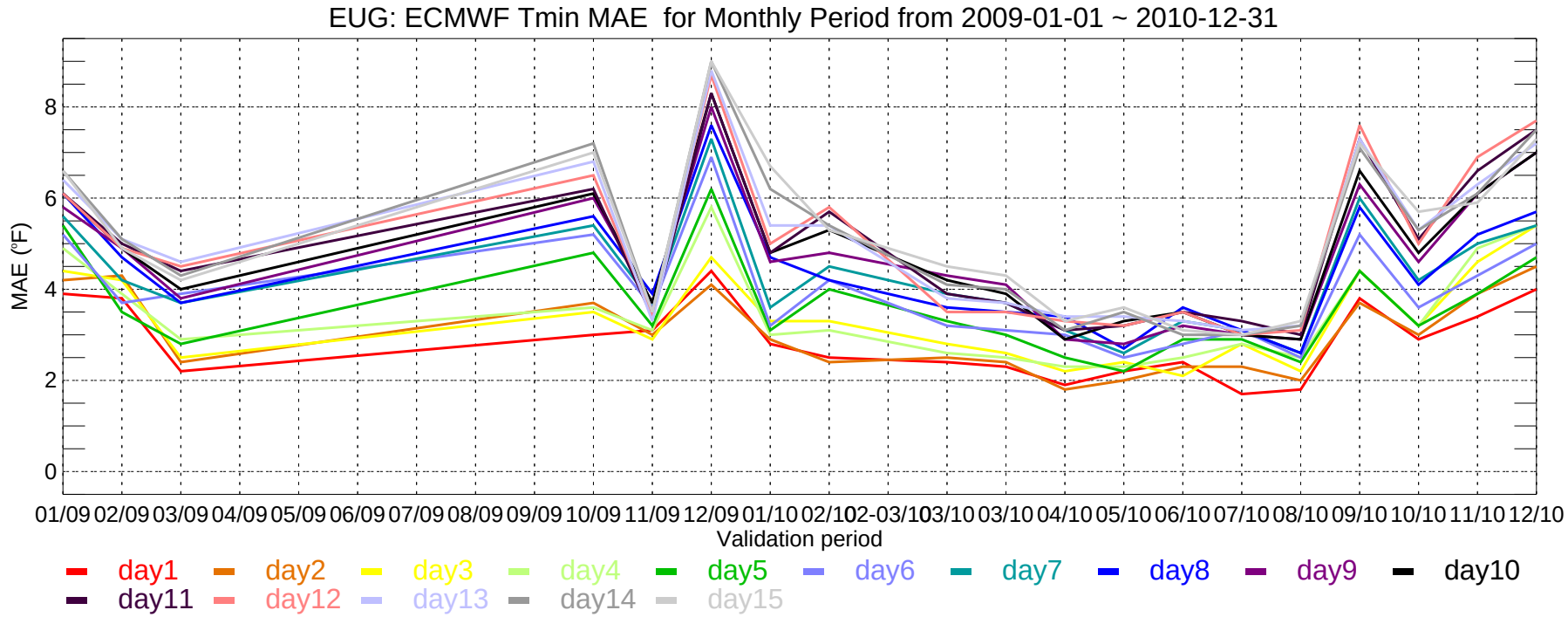

ERI: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

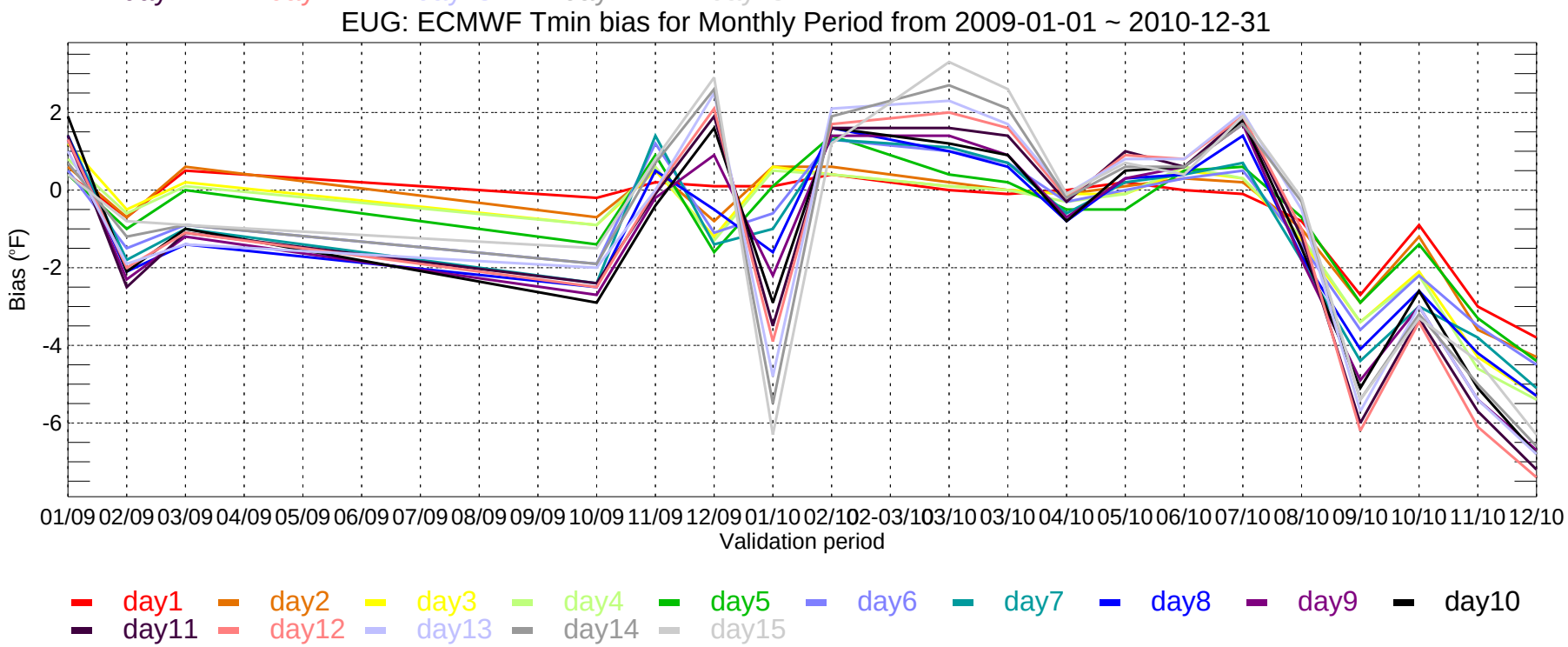

ERI: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

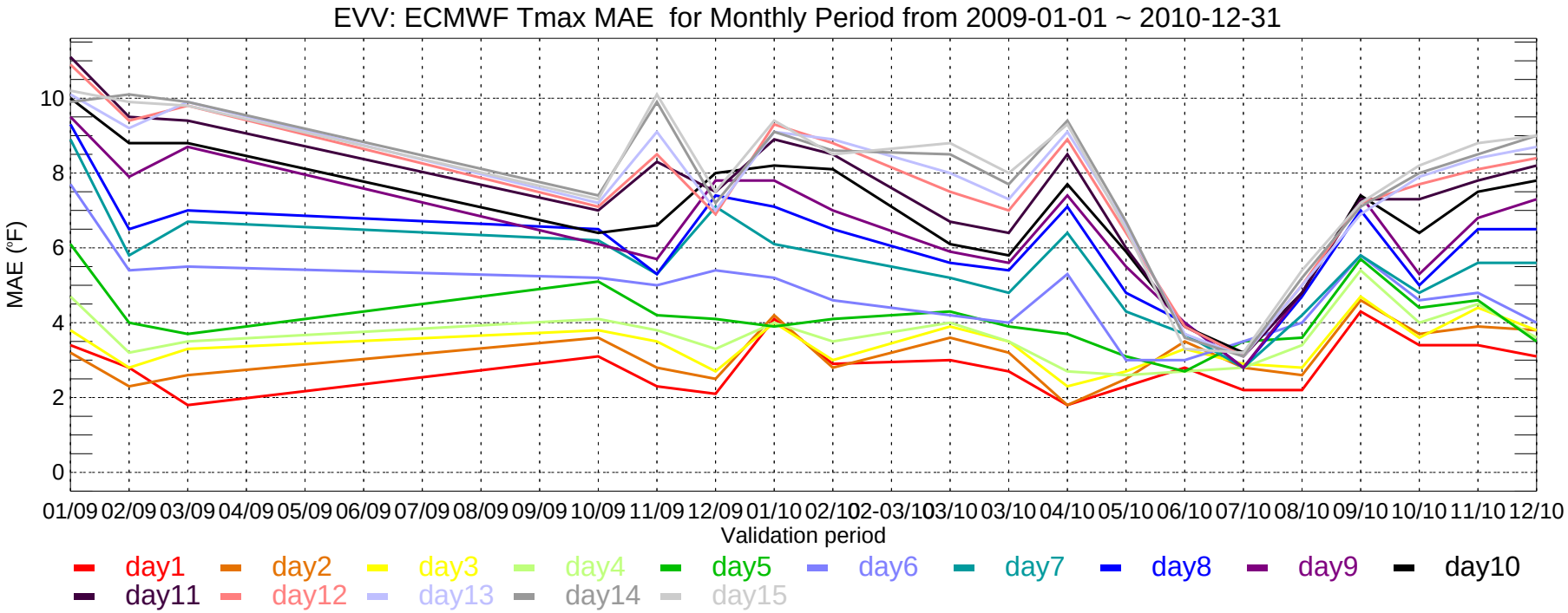

ERI: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

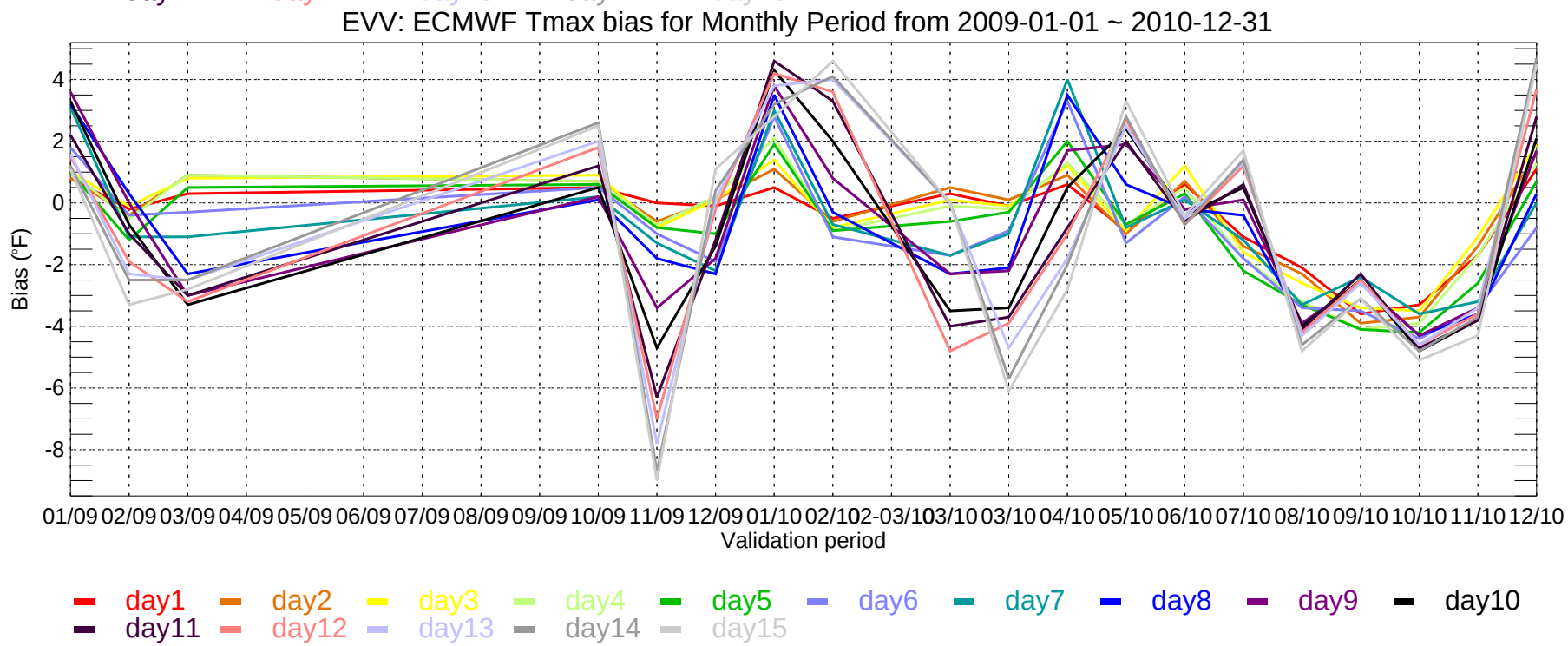

EUG: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

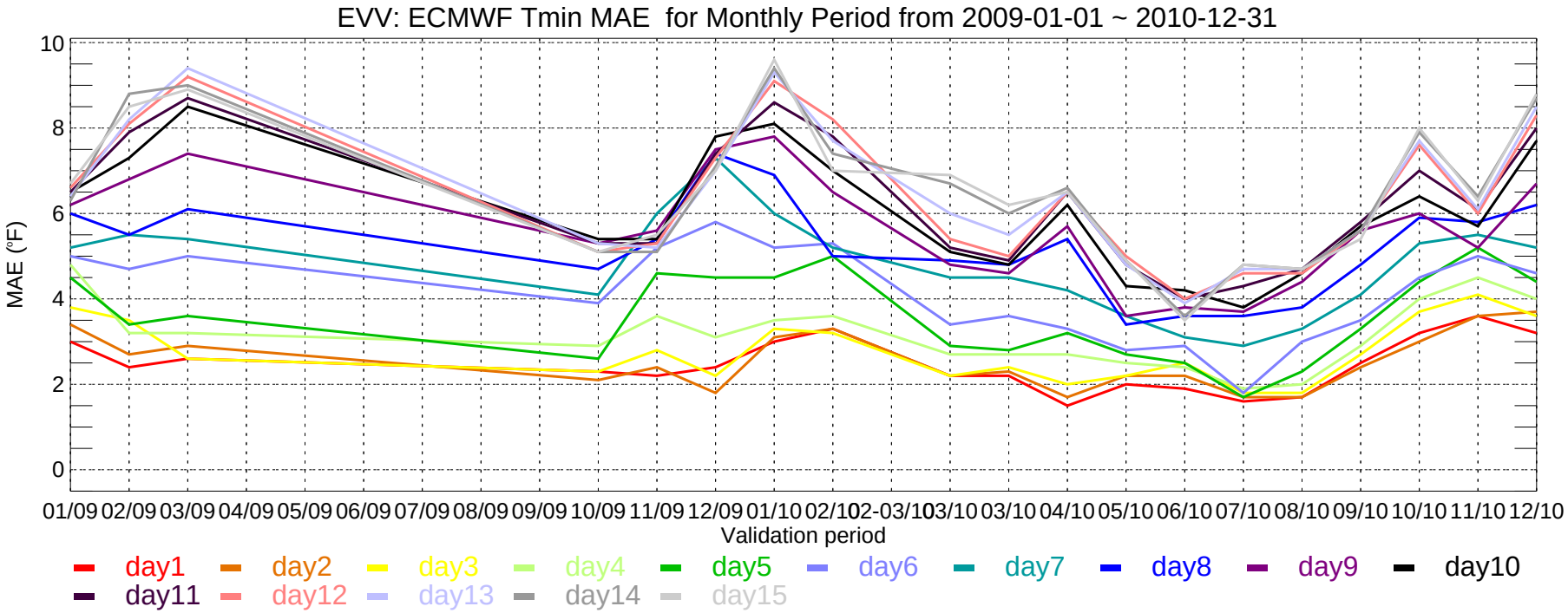

EUG: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

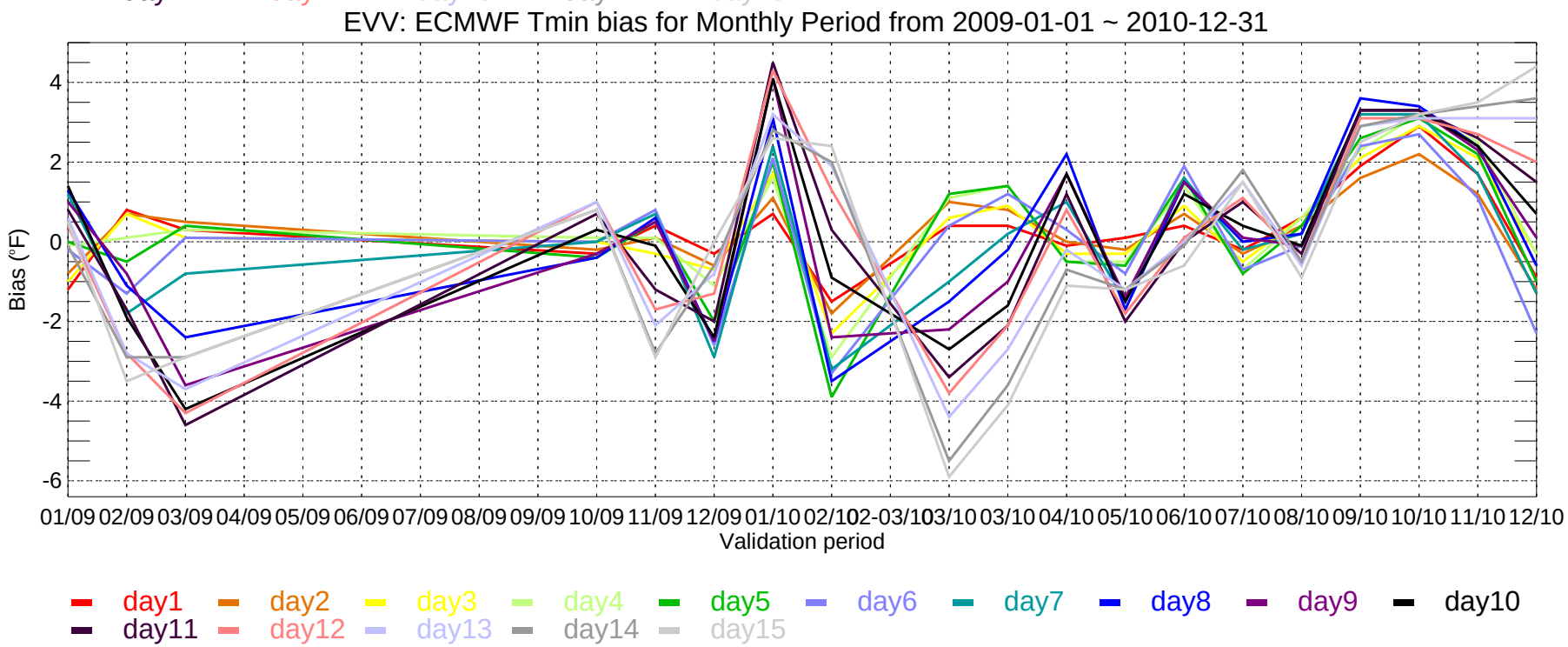

EUG: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

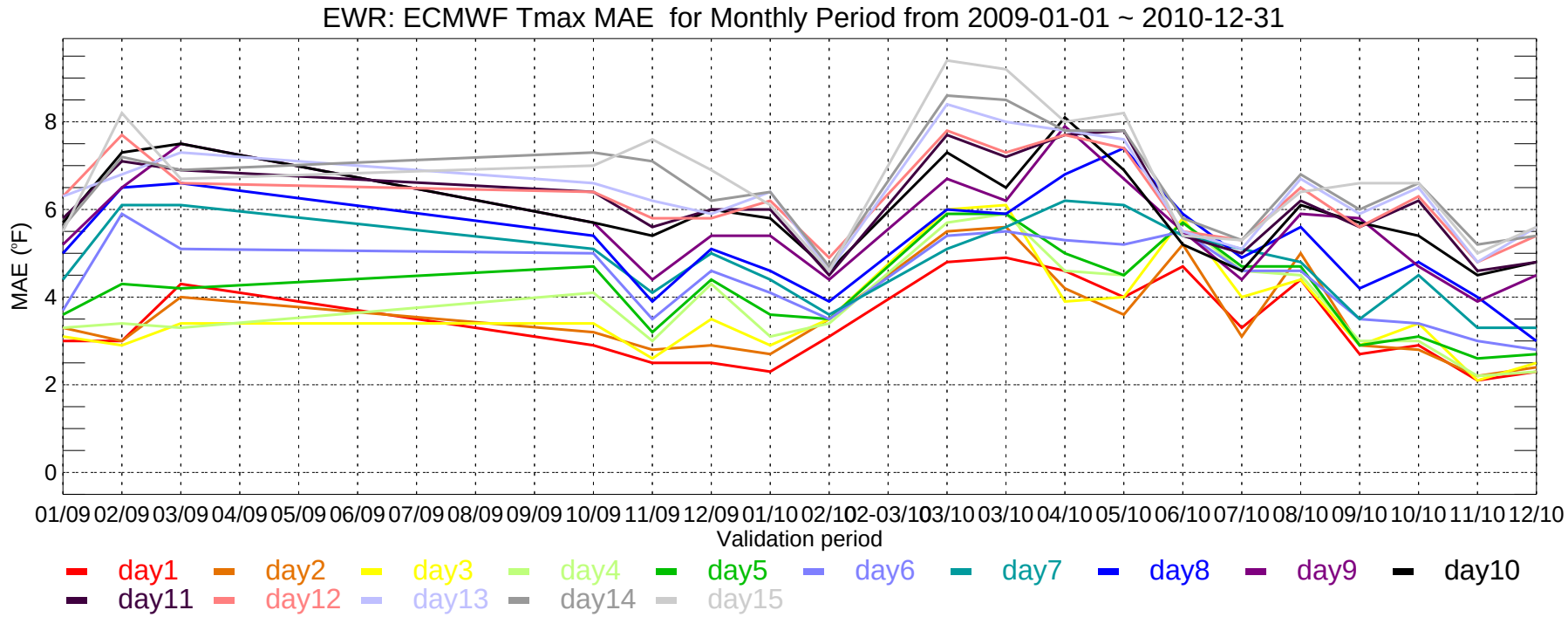

EUG: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

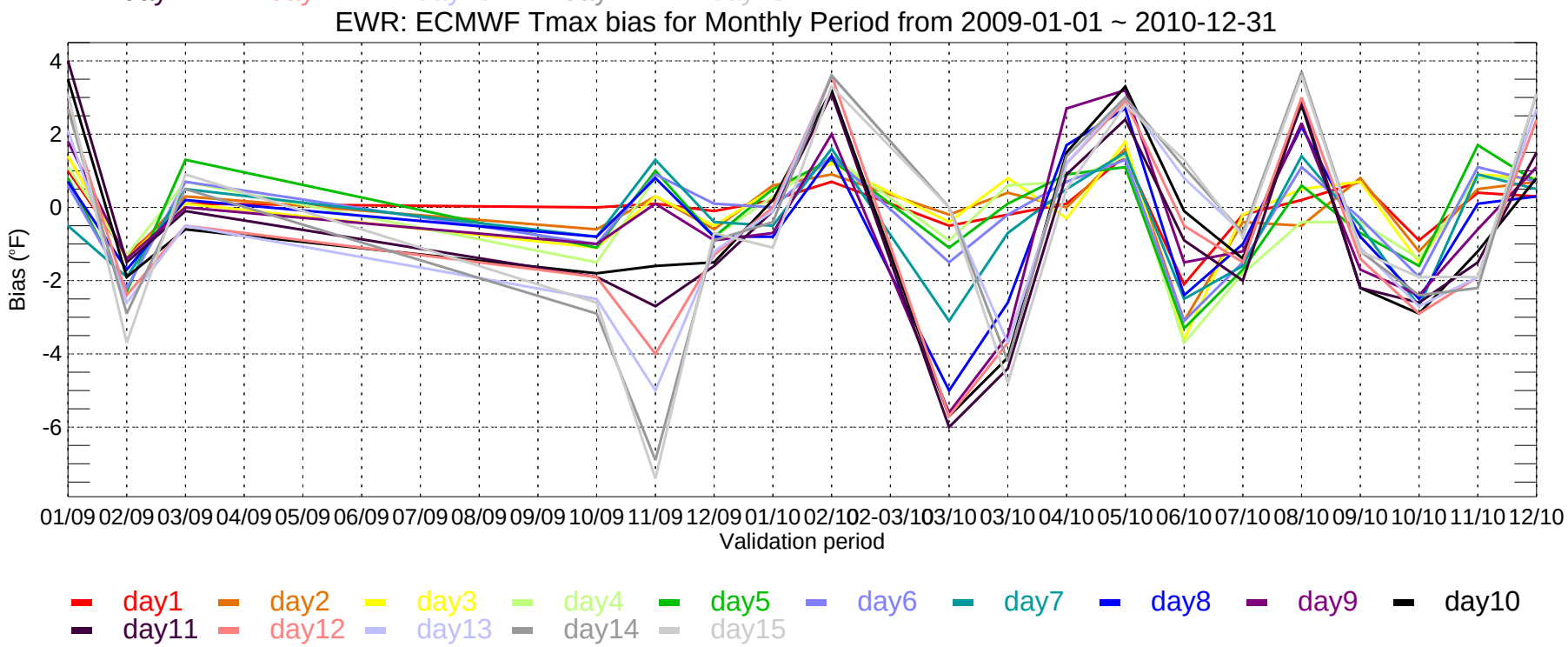

EVV: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

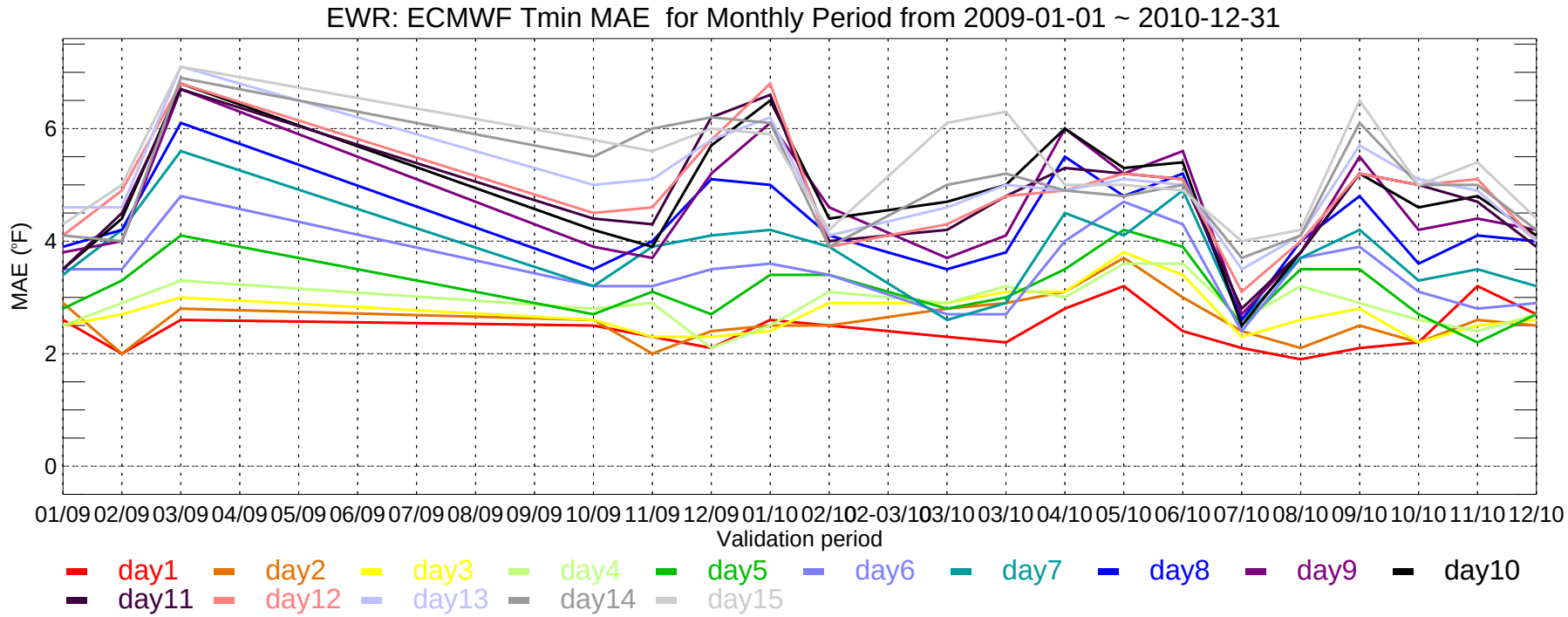

EVV: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

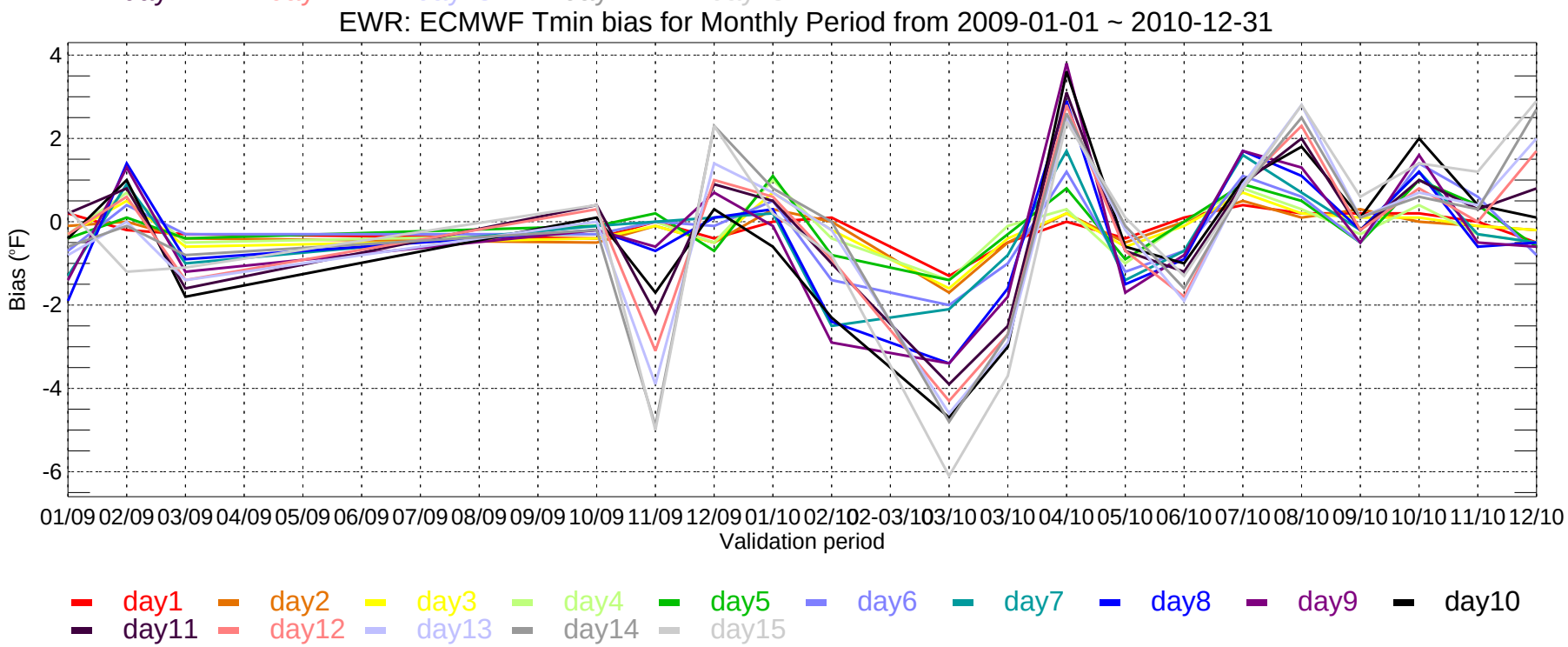

EVV: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

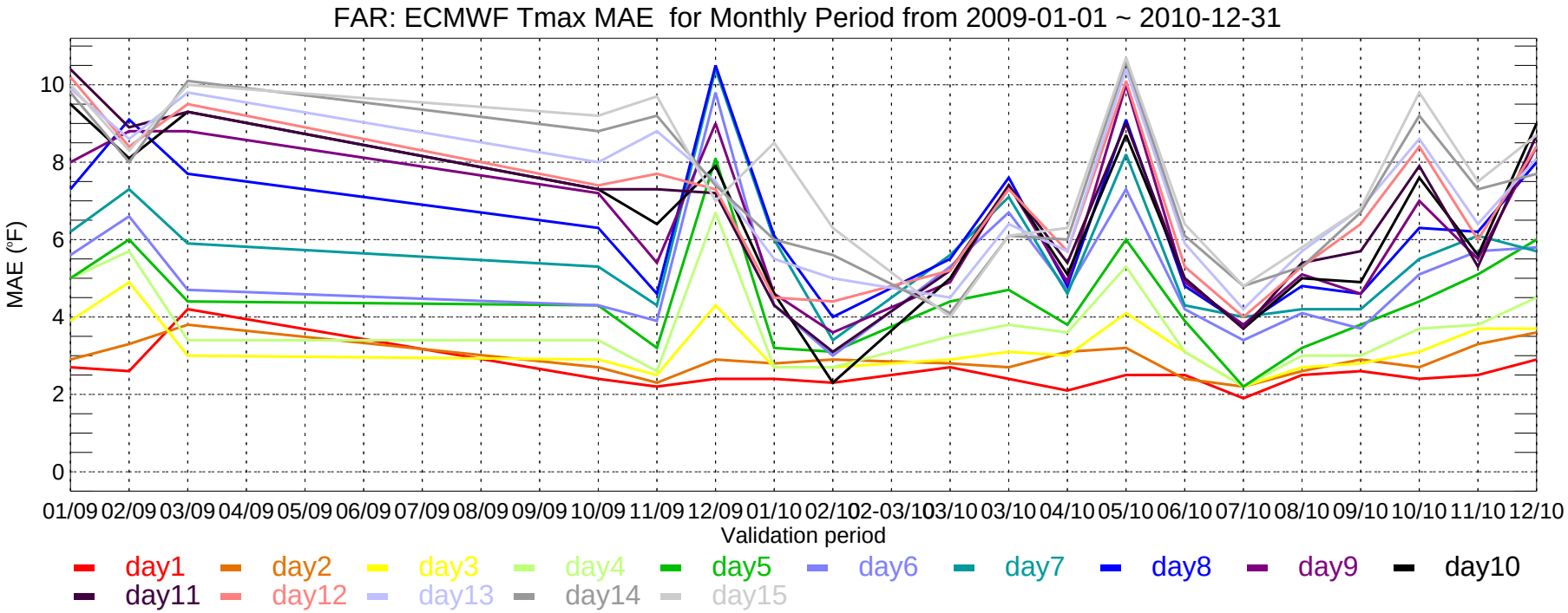

EVV: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

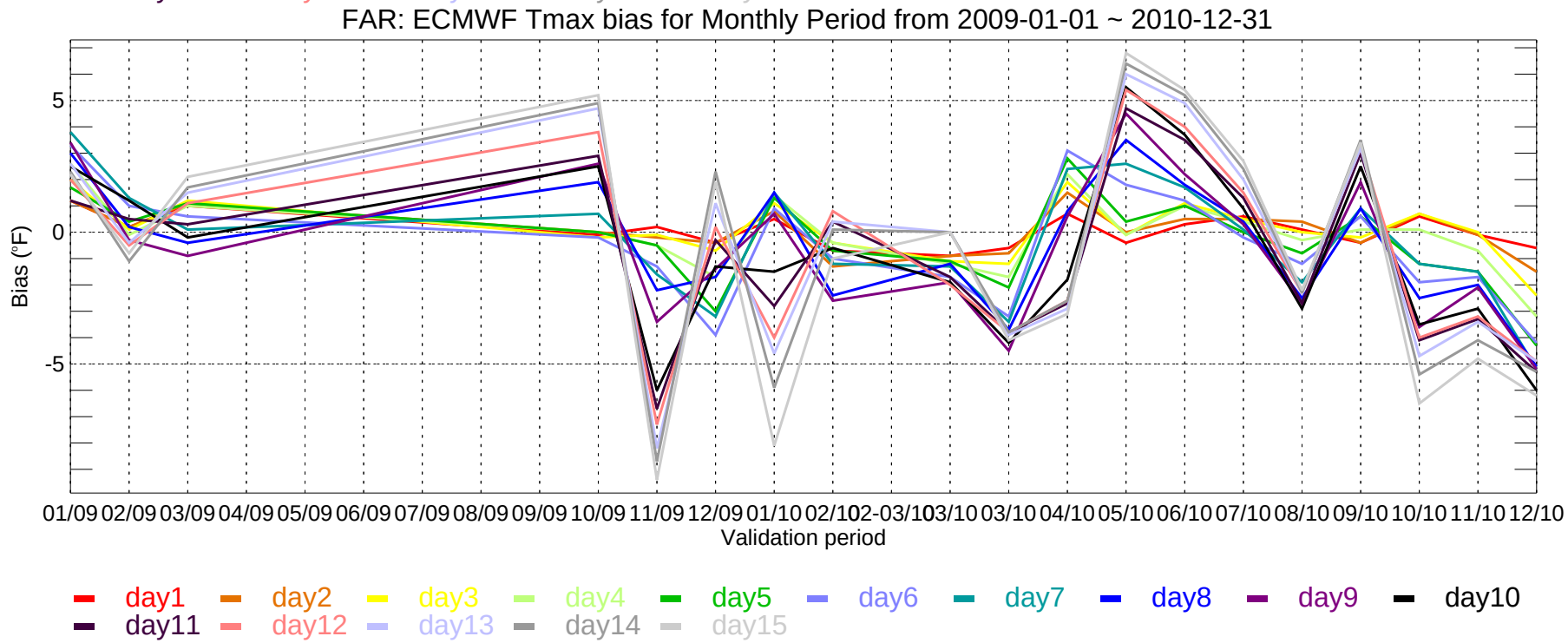

EWR: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

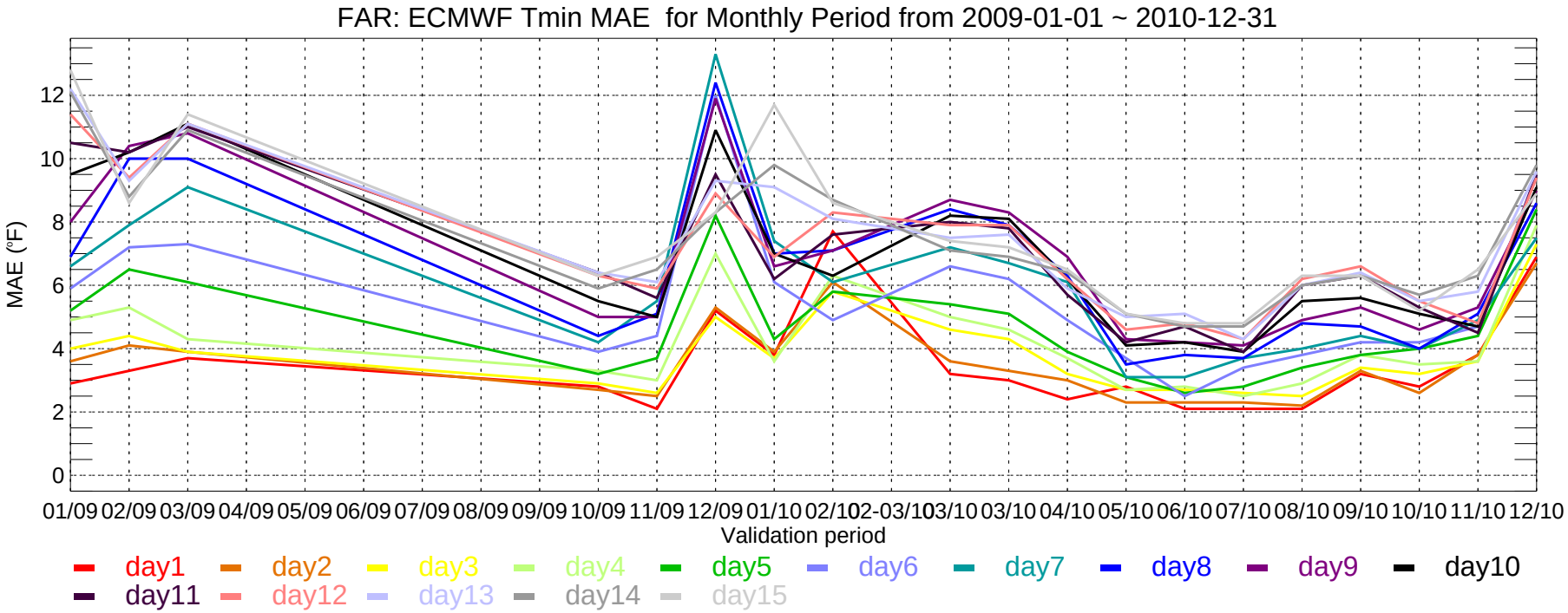

EWR: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

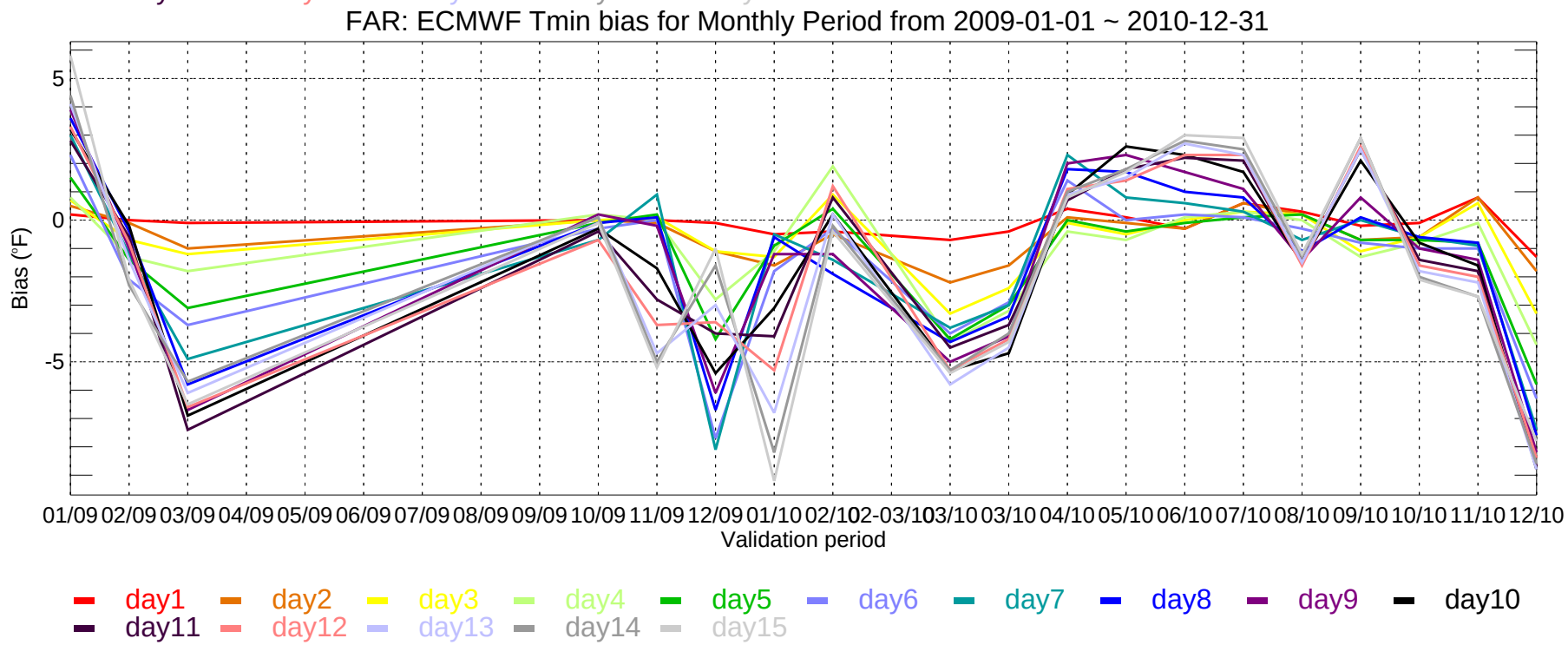

EWR: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

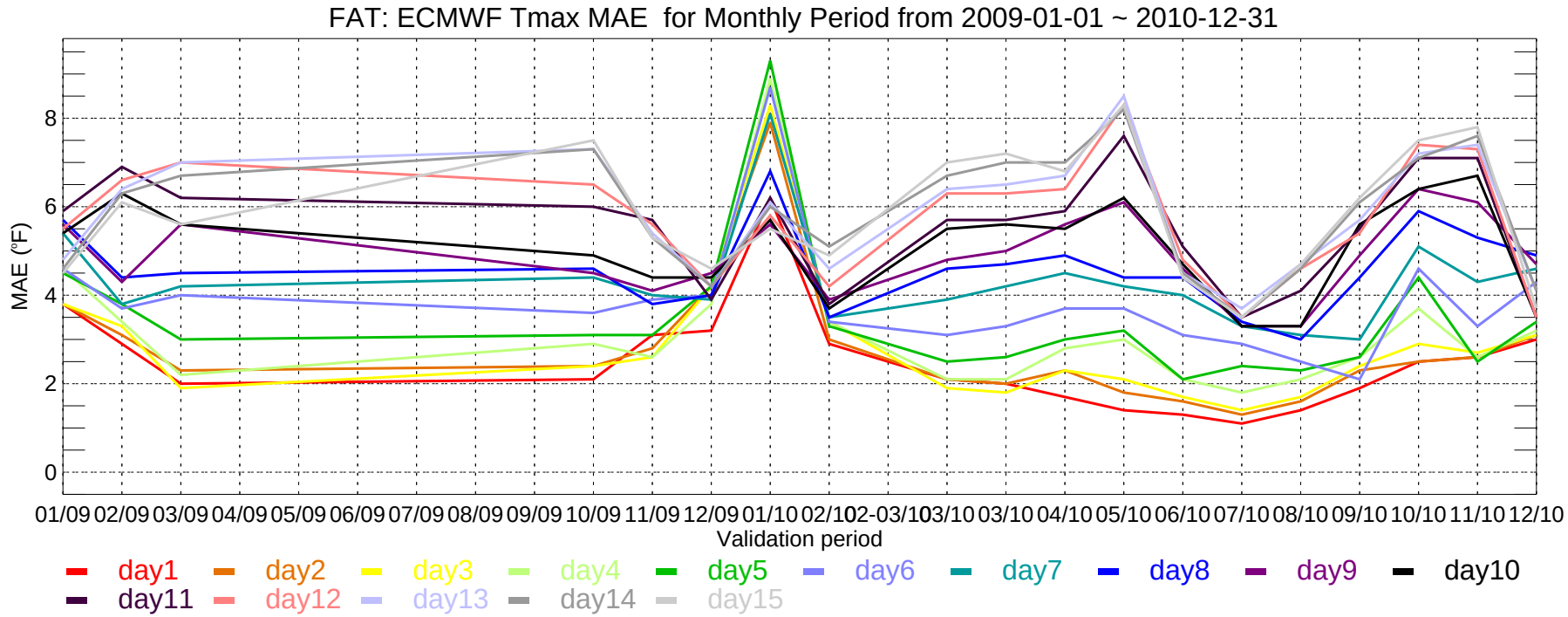

EWR: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

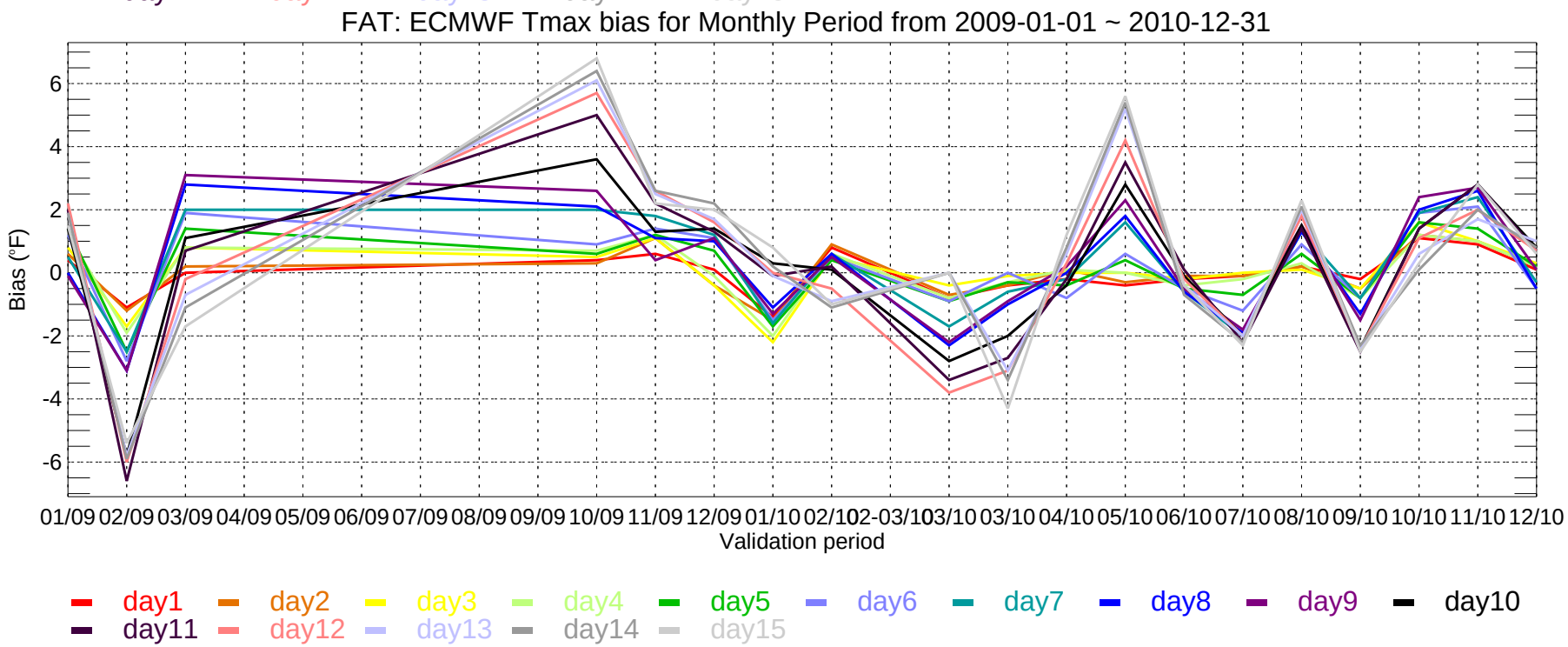

FAR: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

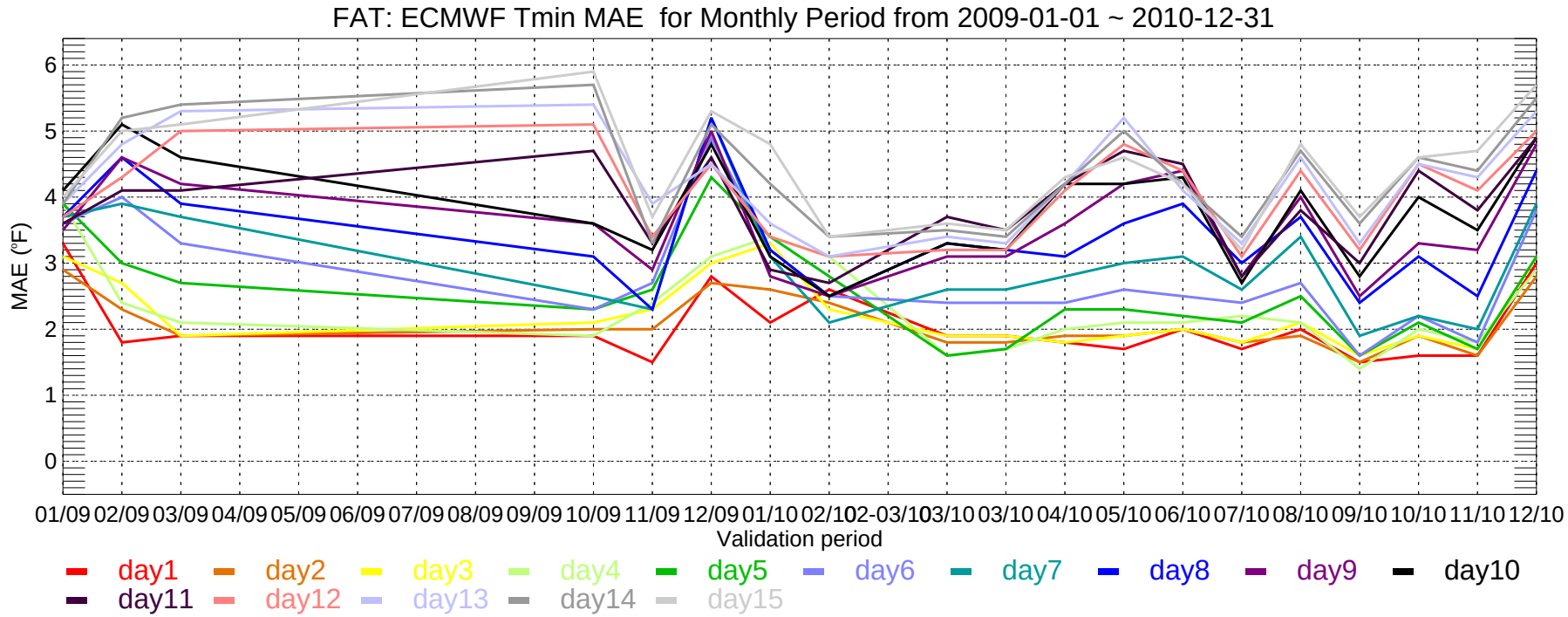

FAR: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

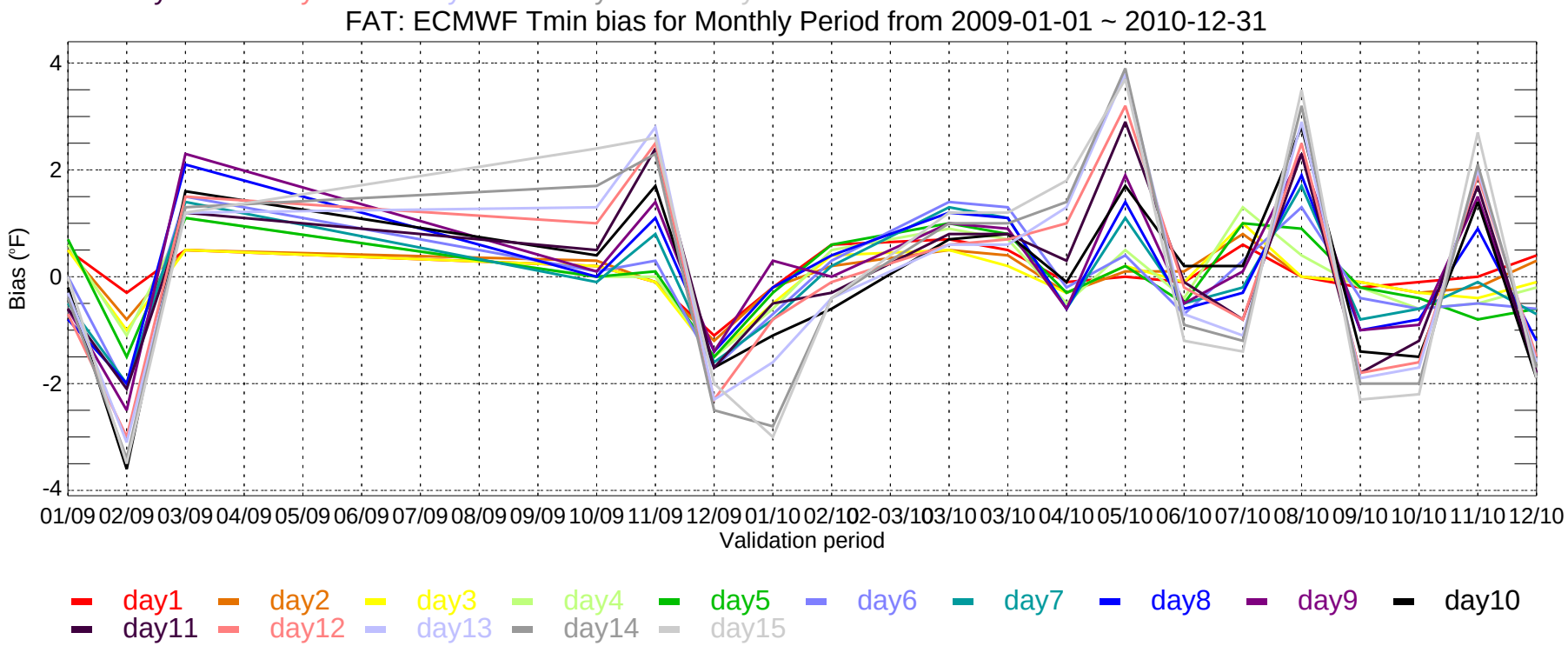

FAR: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

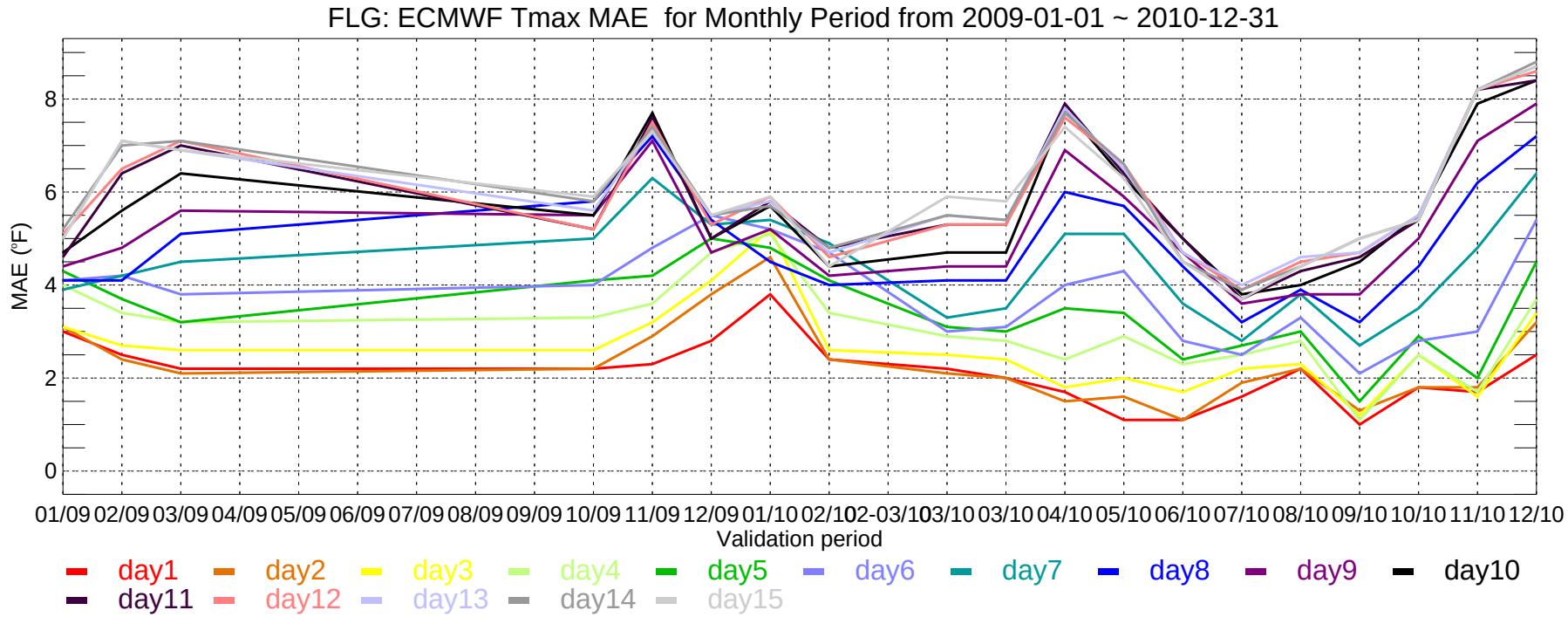

FAR: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

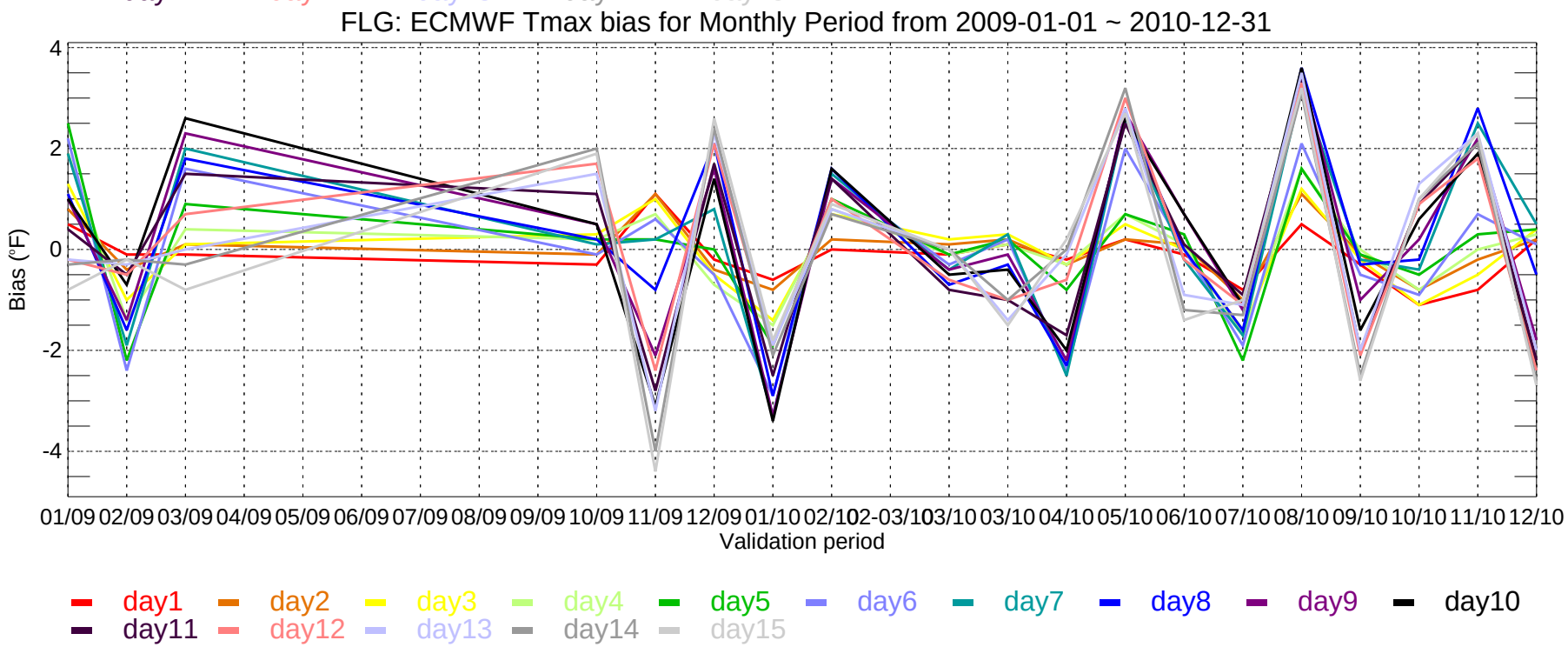

FAT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

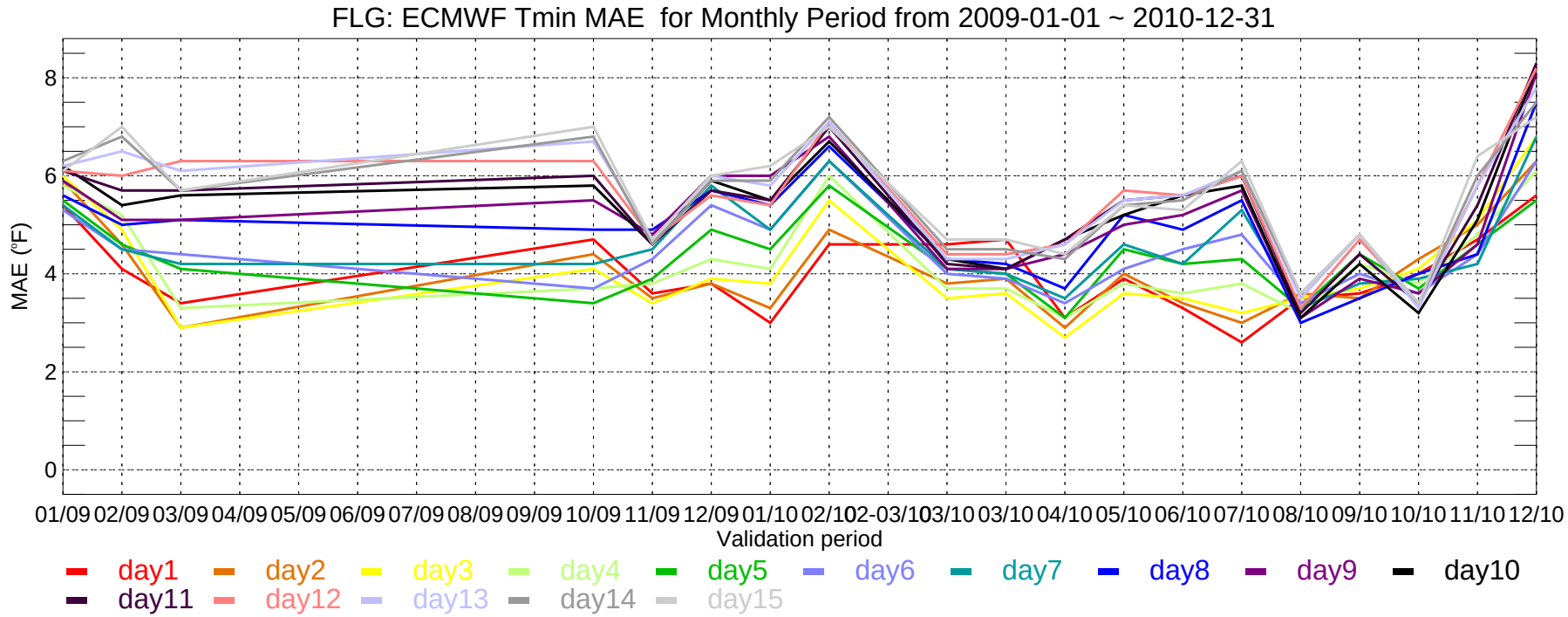

FAT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

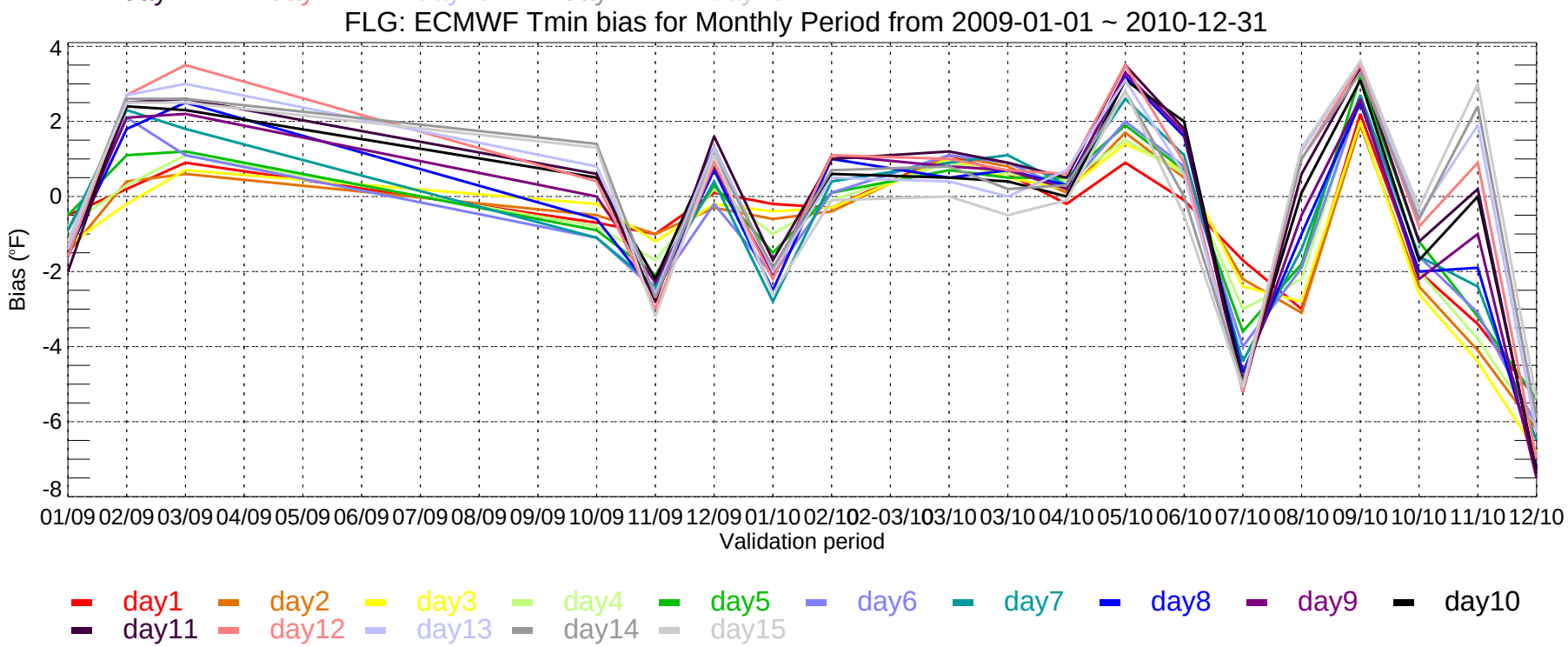

FAT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
1
2
3
4
5
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

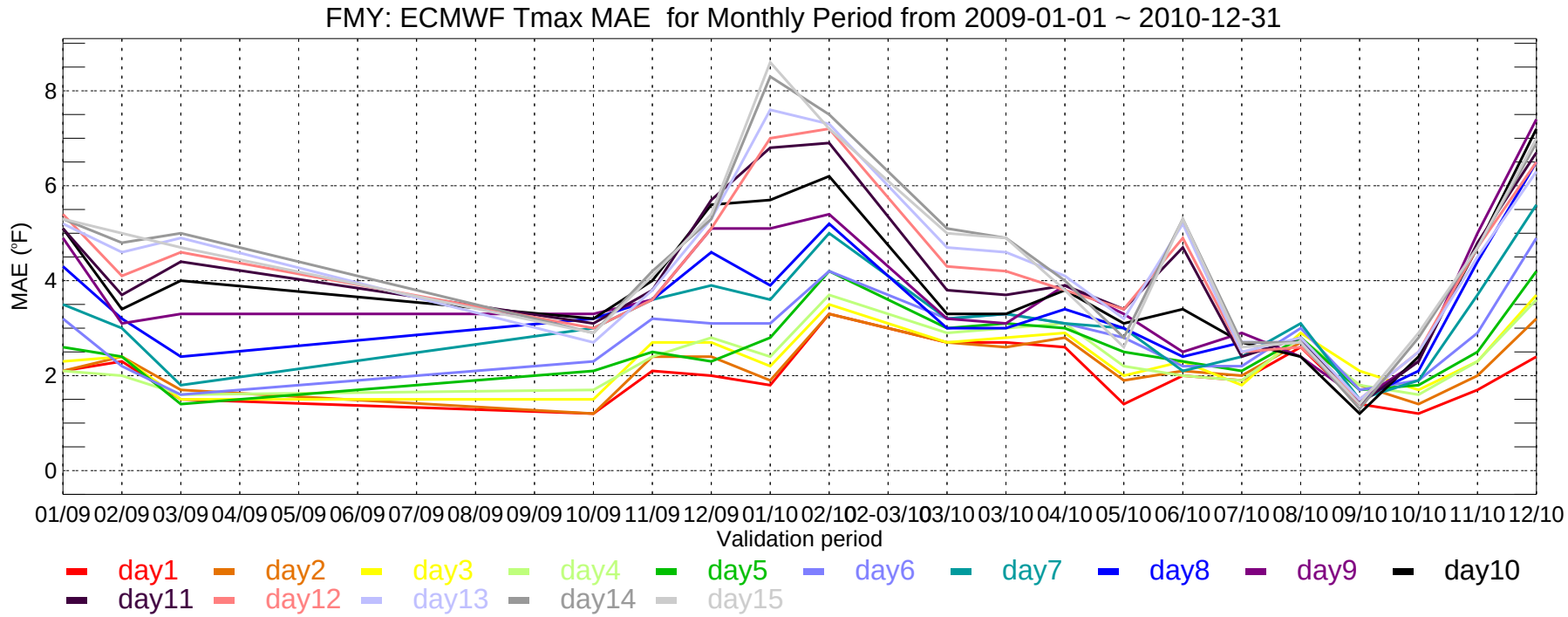

FAT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

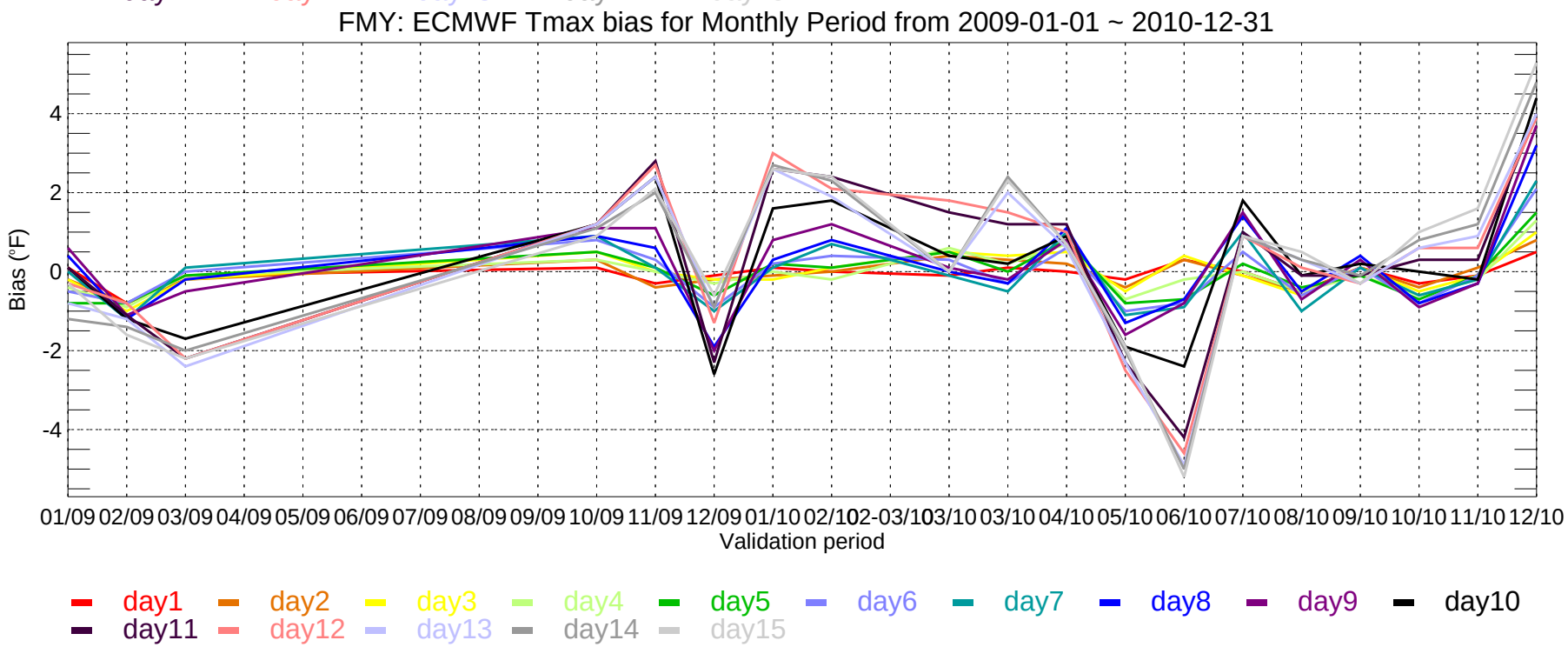

FLG: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

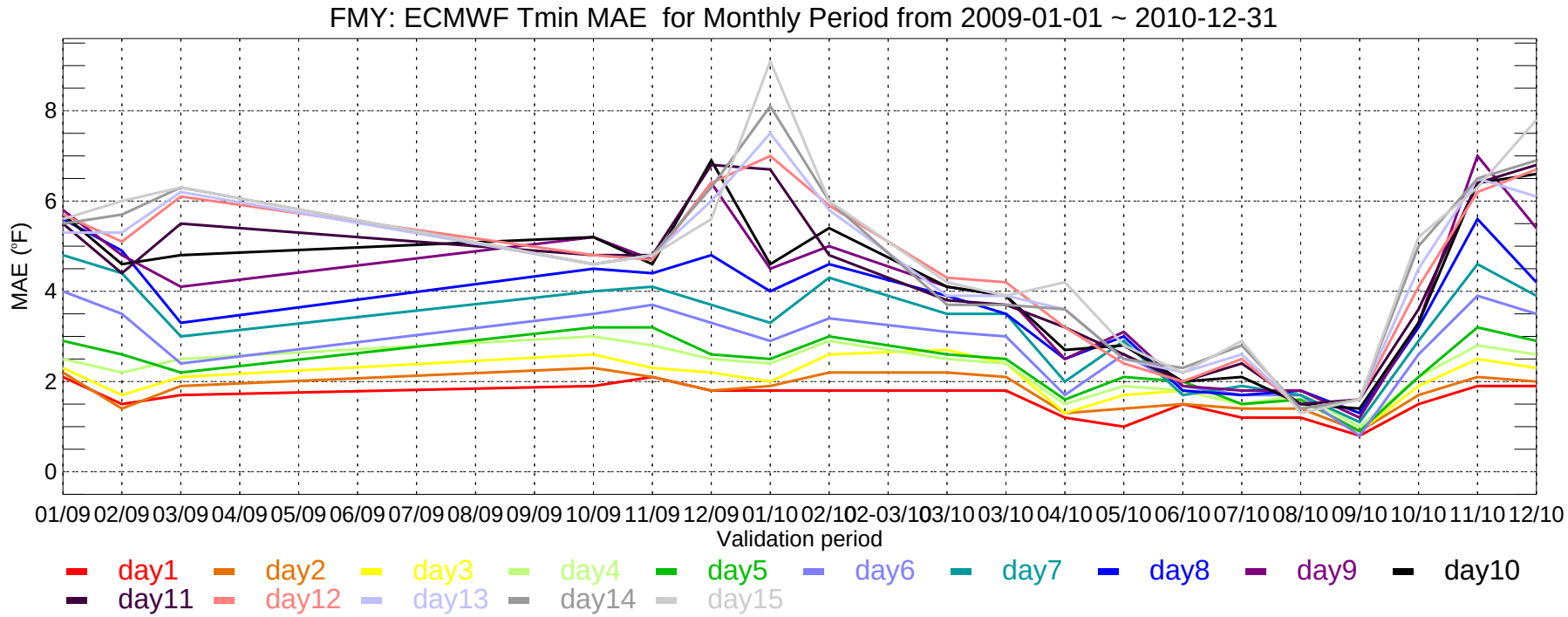

FLG: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

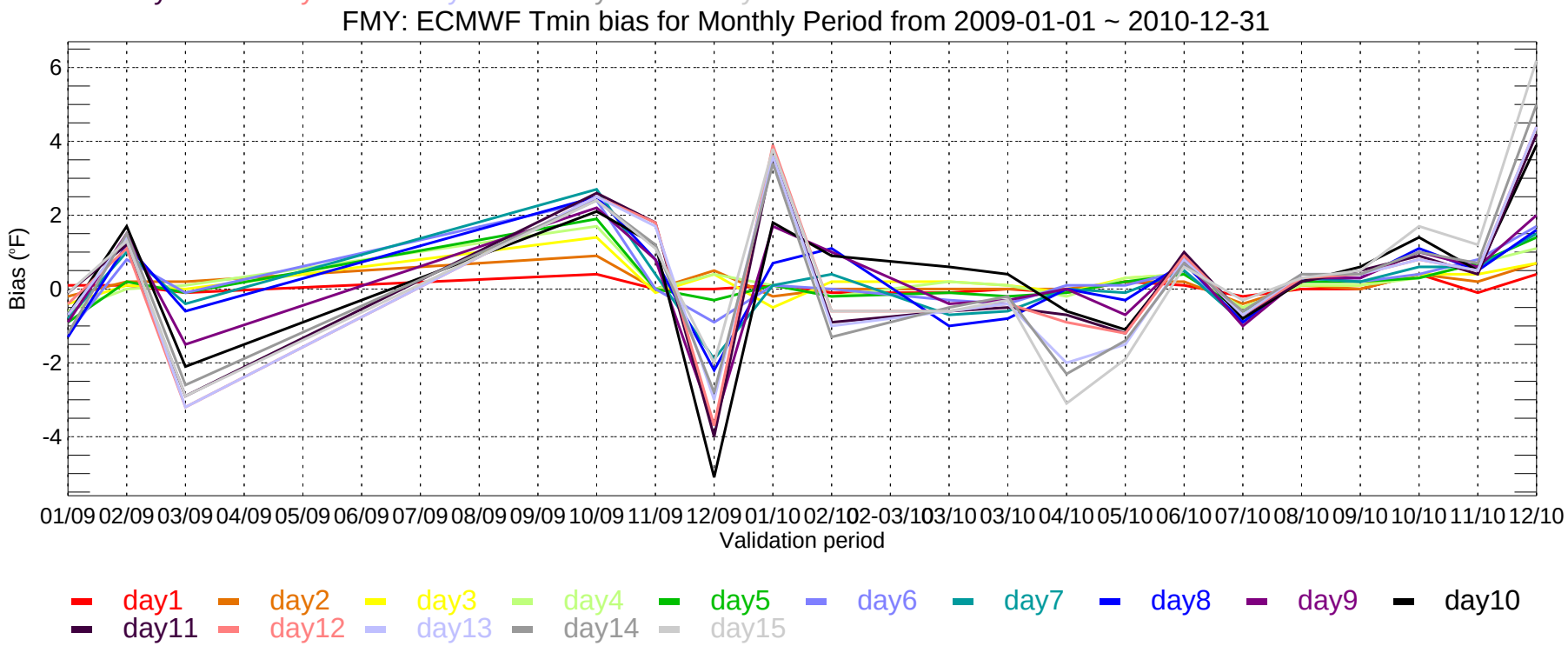

FLG: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

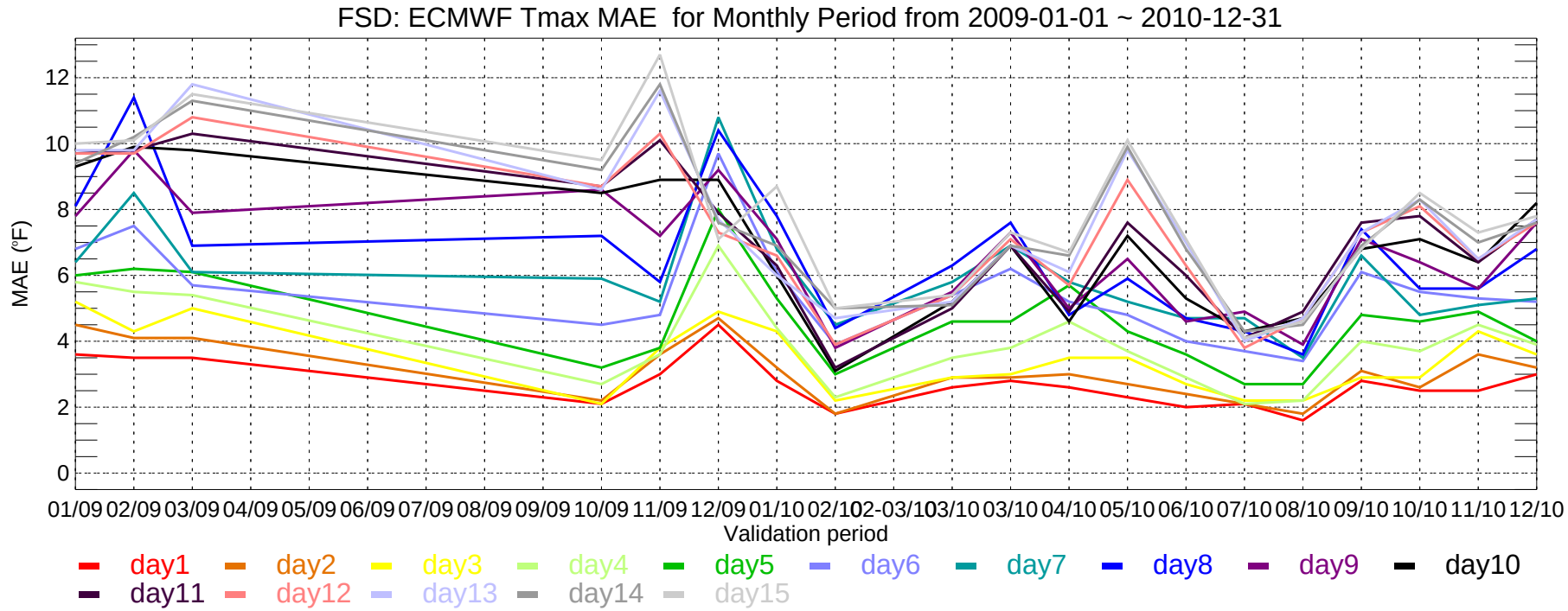

FLG: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

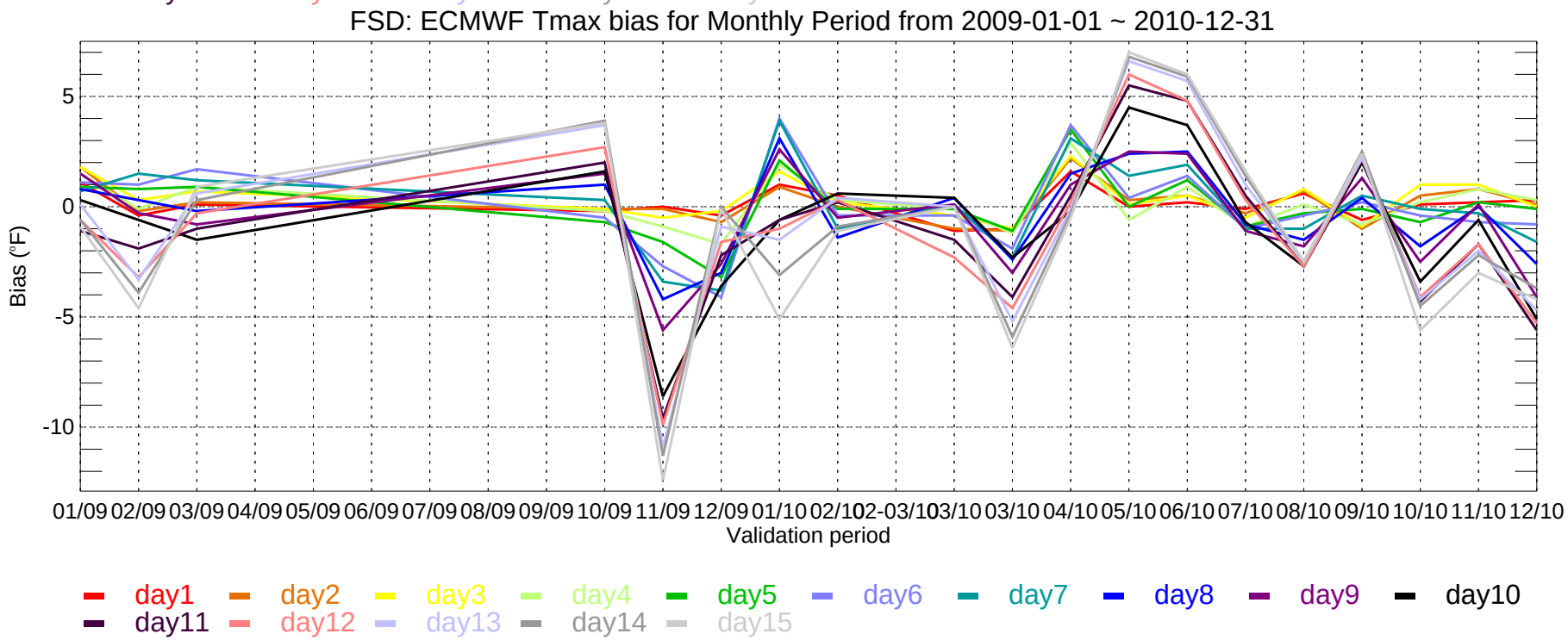

FMY: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

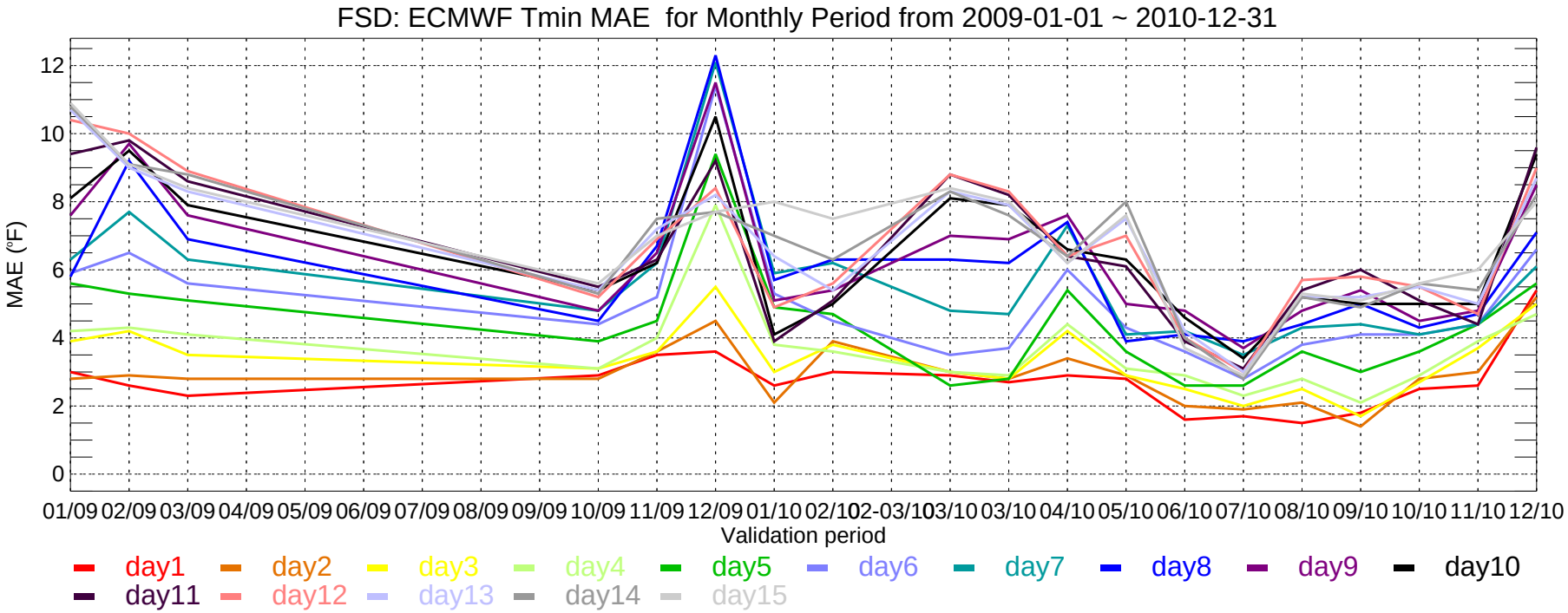

FMY: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

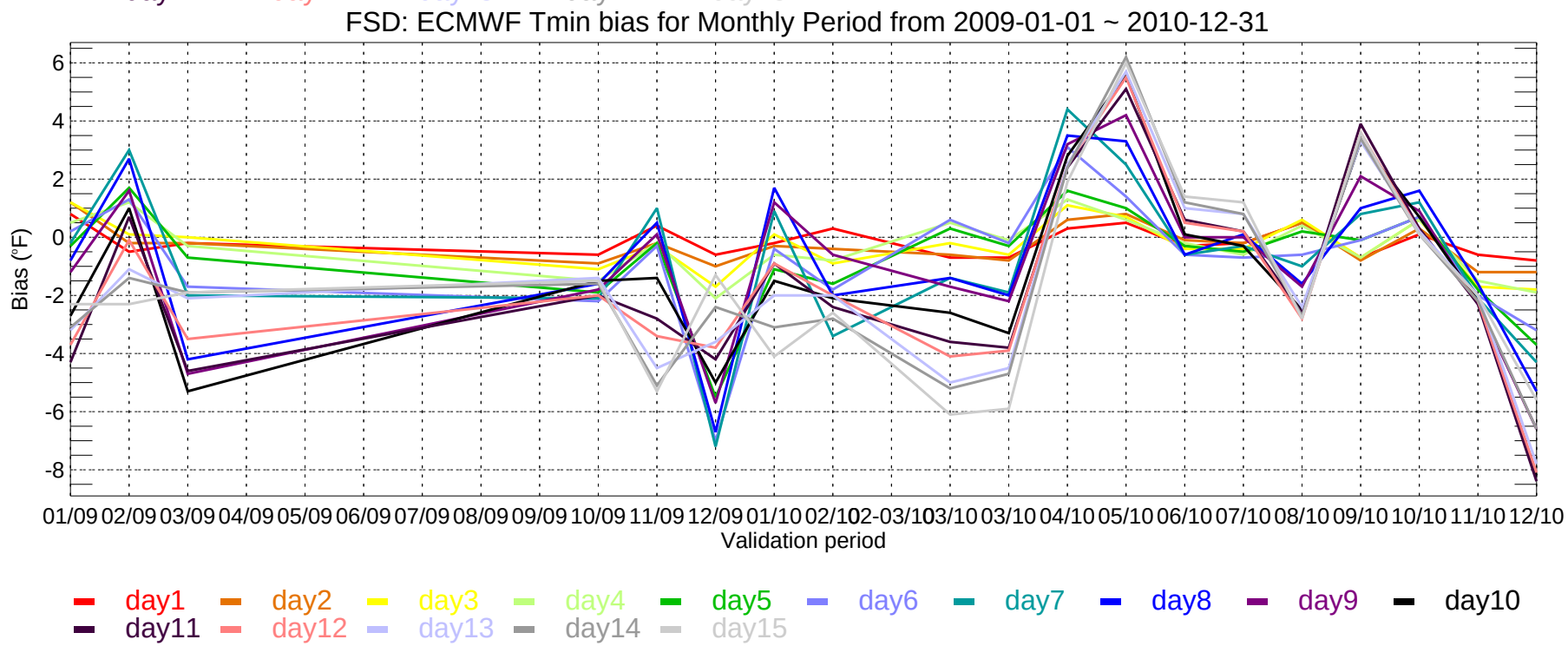

FMY: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

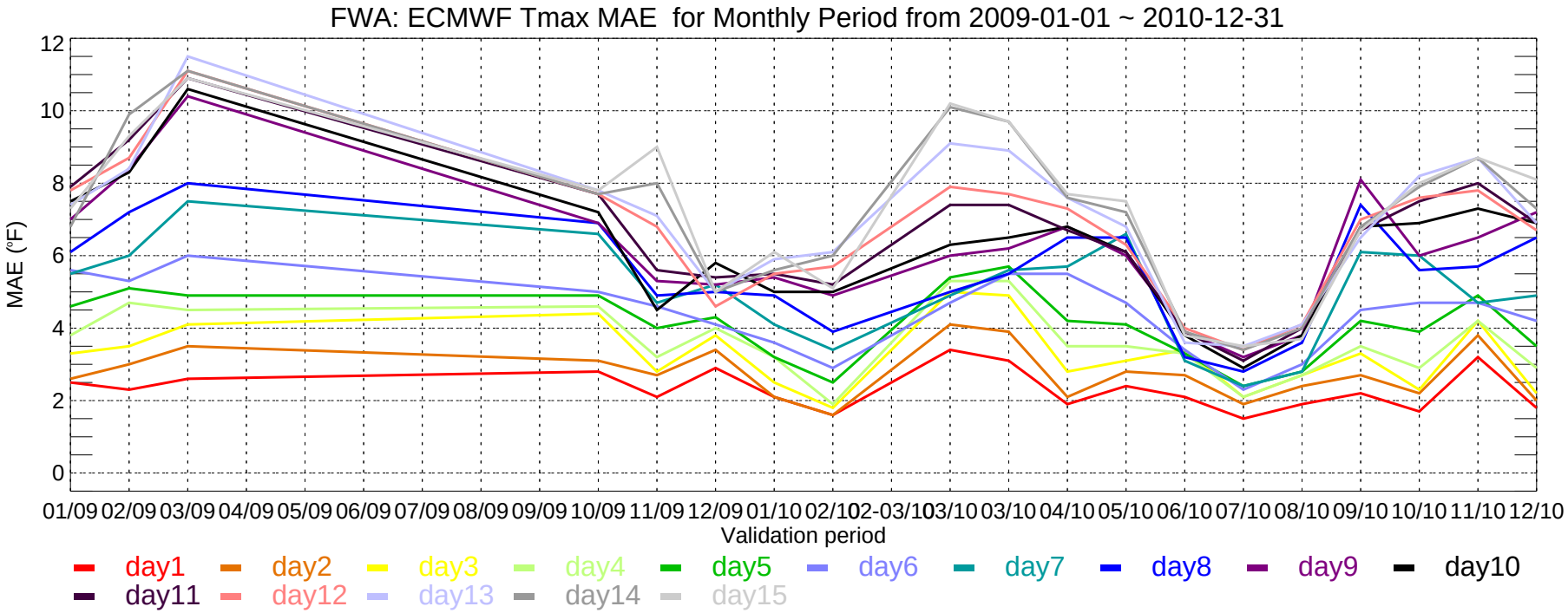

FMY: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

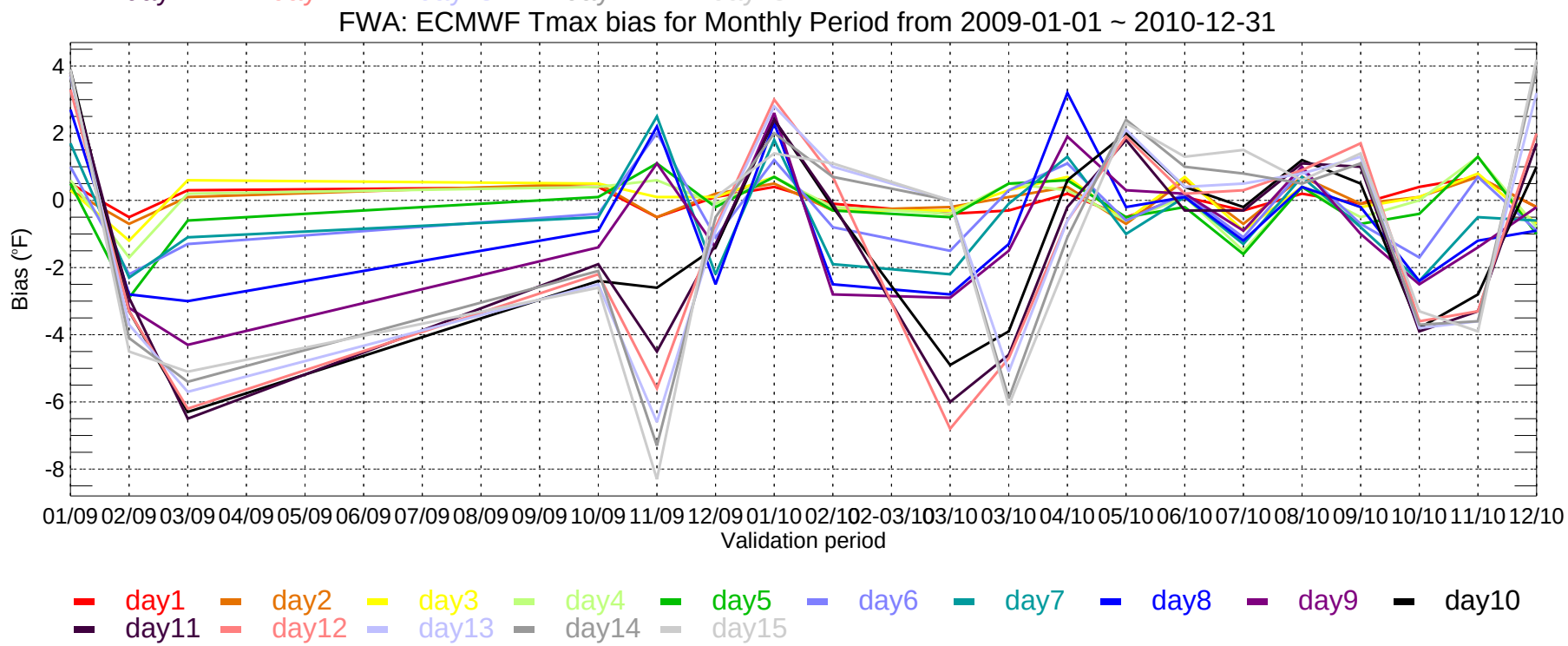

FSD: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

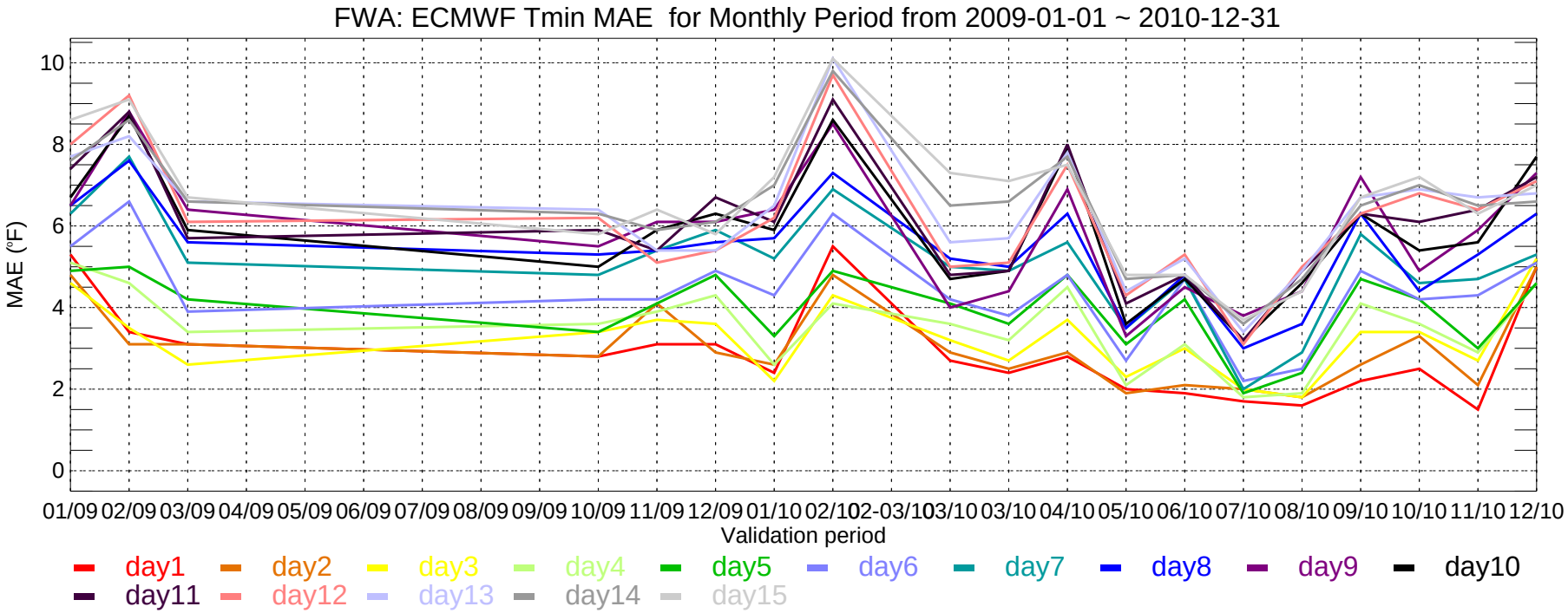

FSD: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

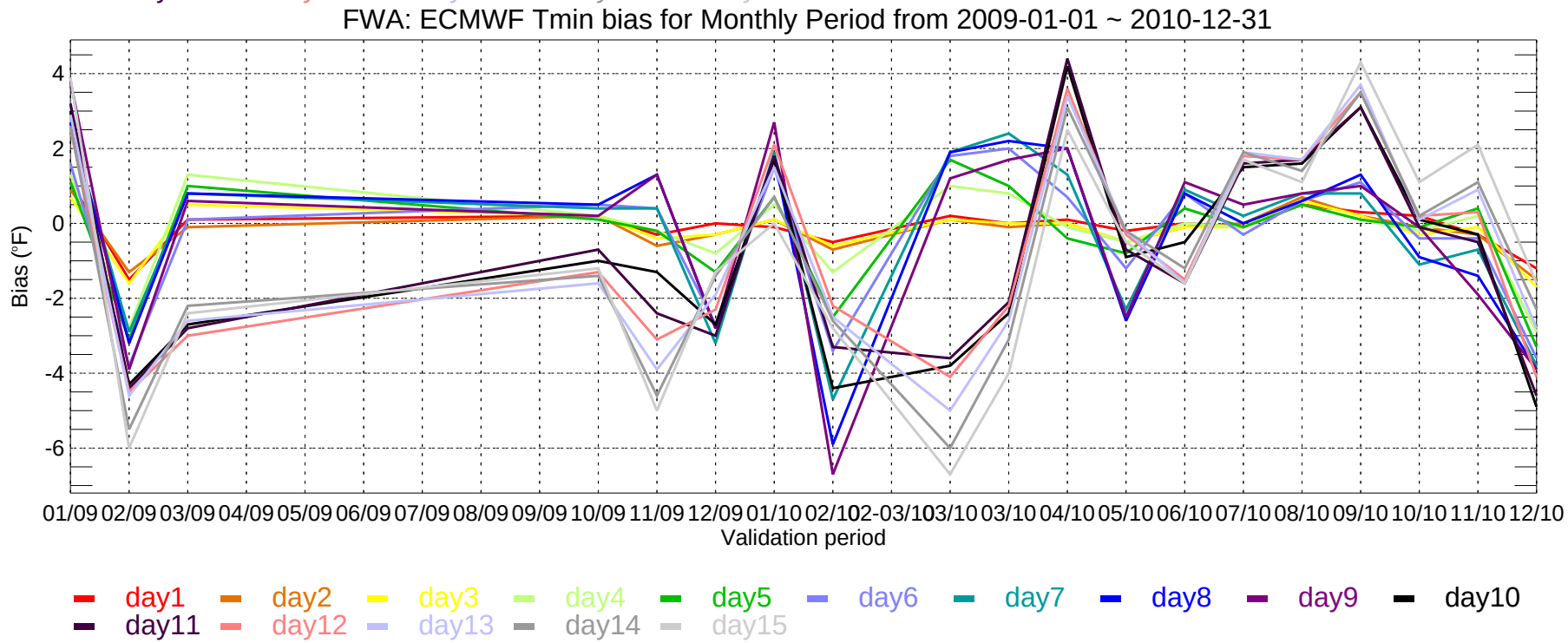

FSD: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

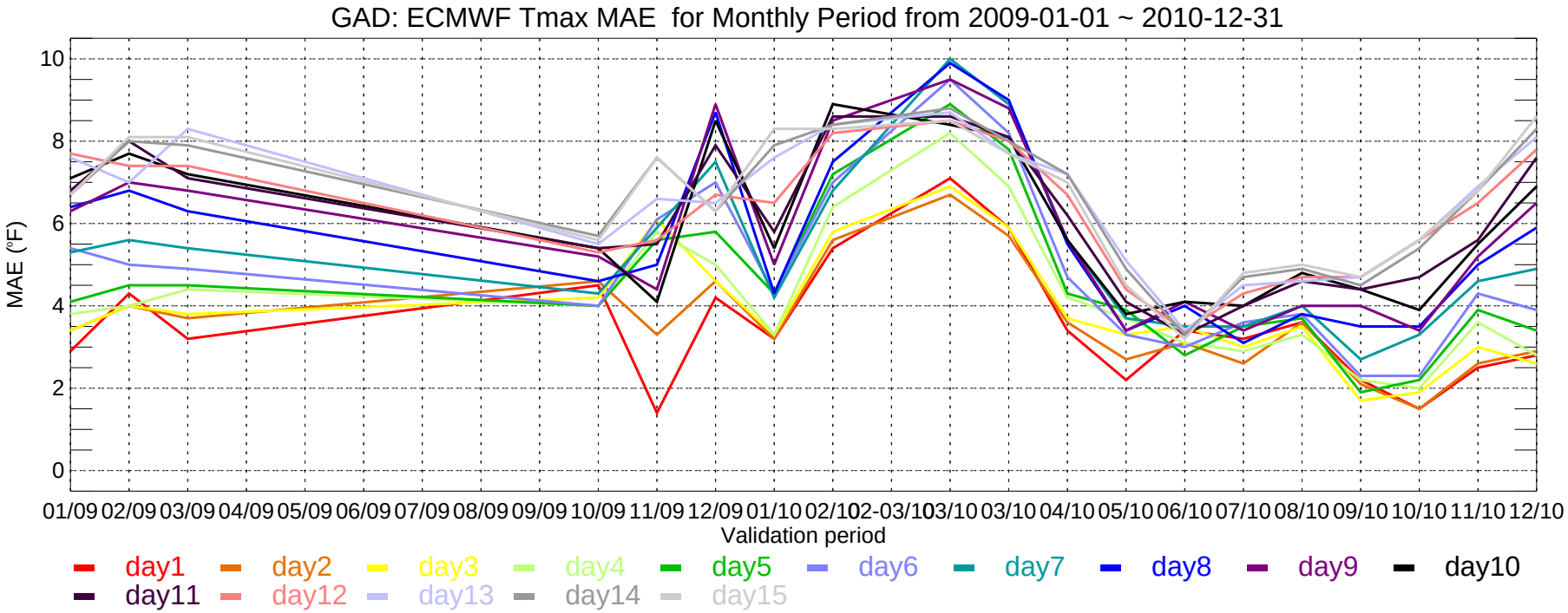

FSD: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-8
-6
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

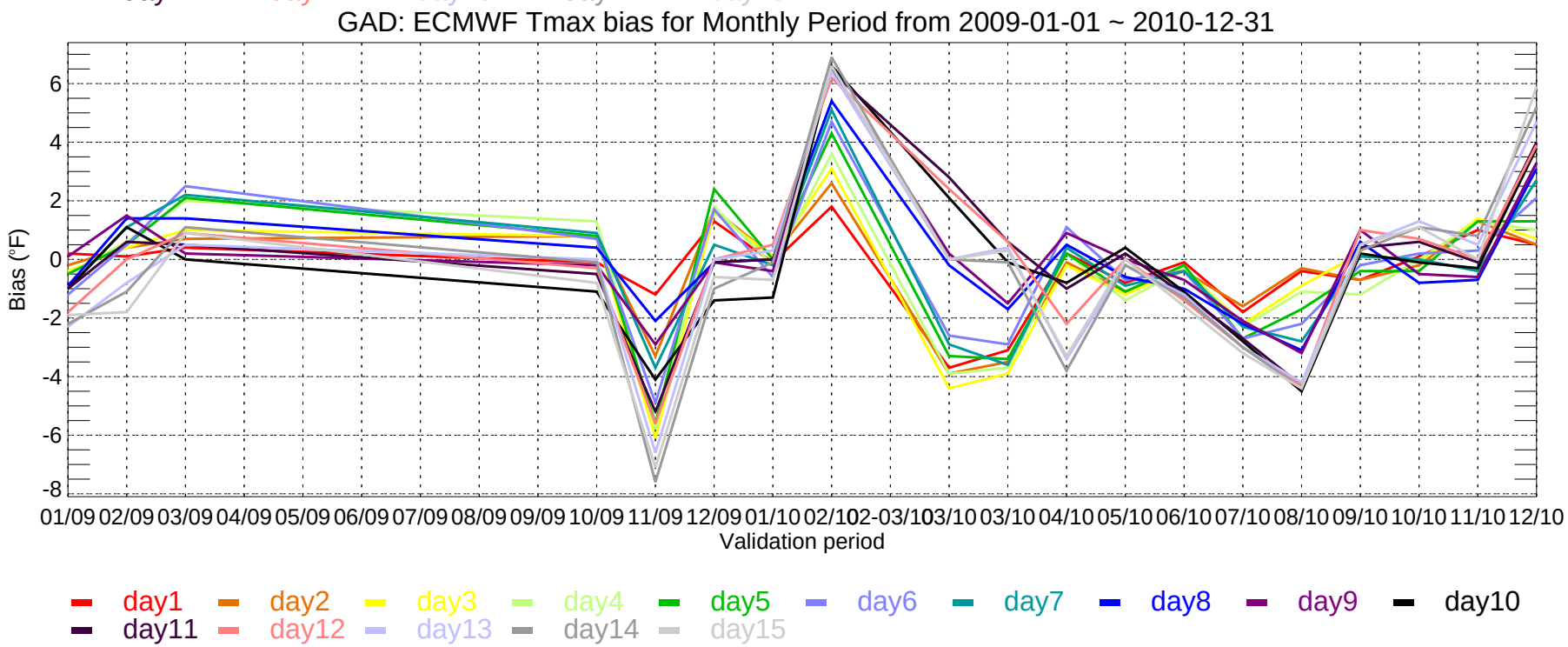

FWA: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

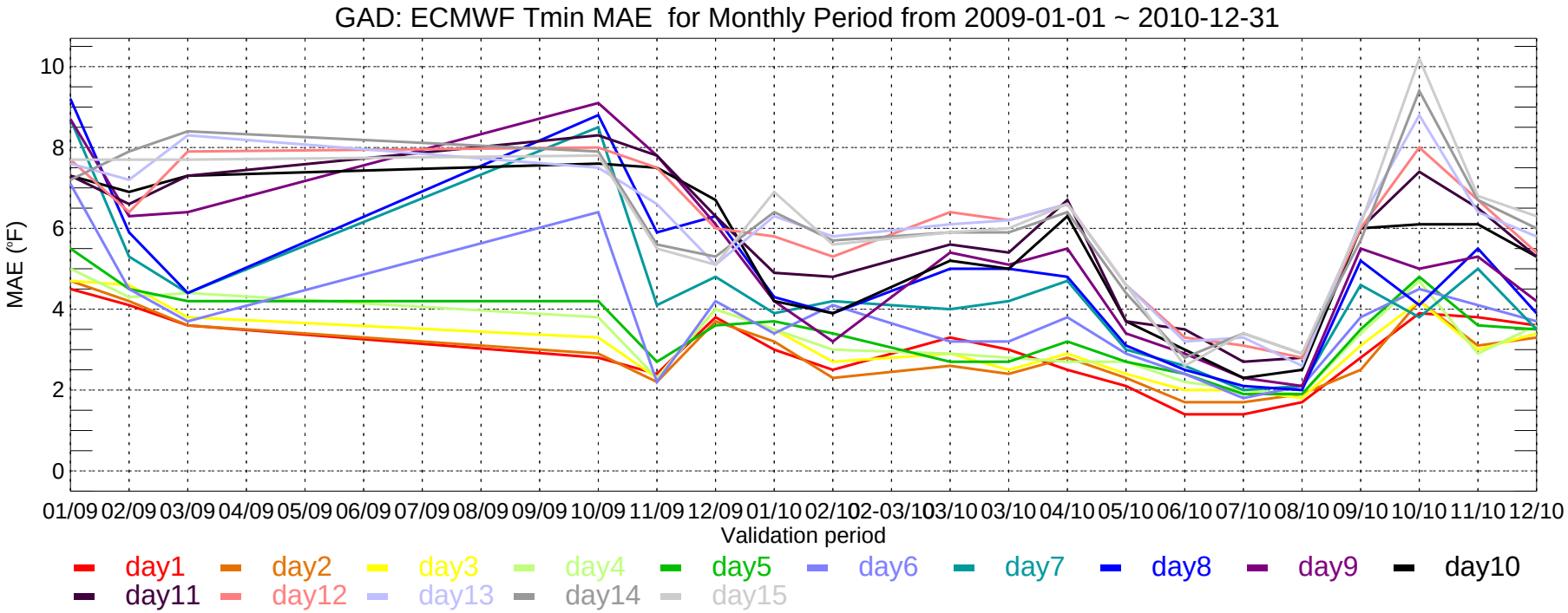

FWA: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

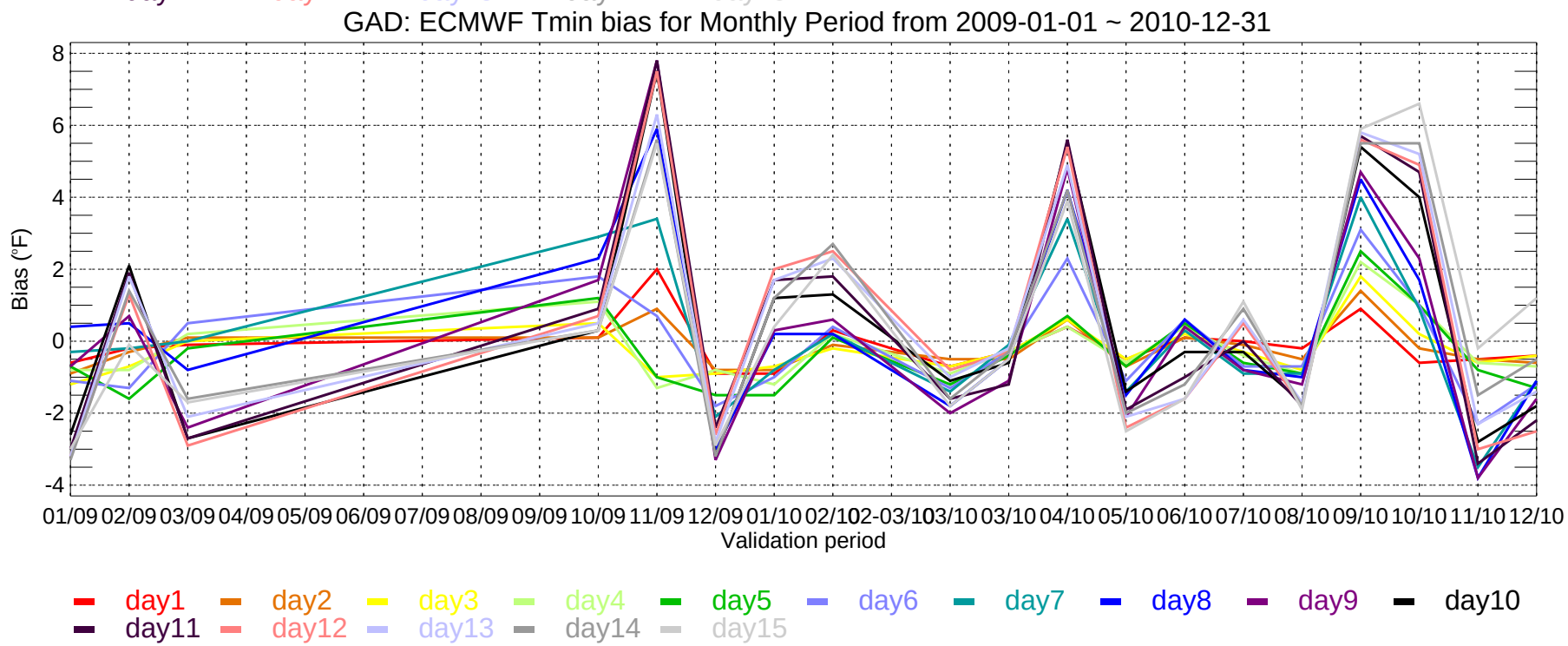

FWA: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

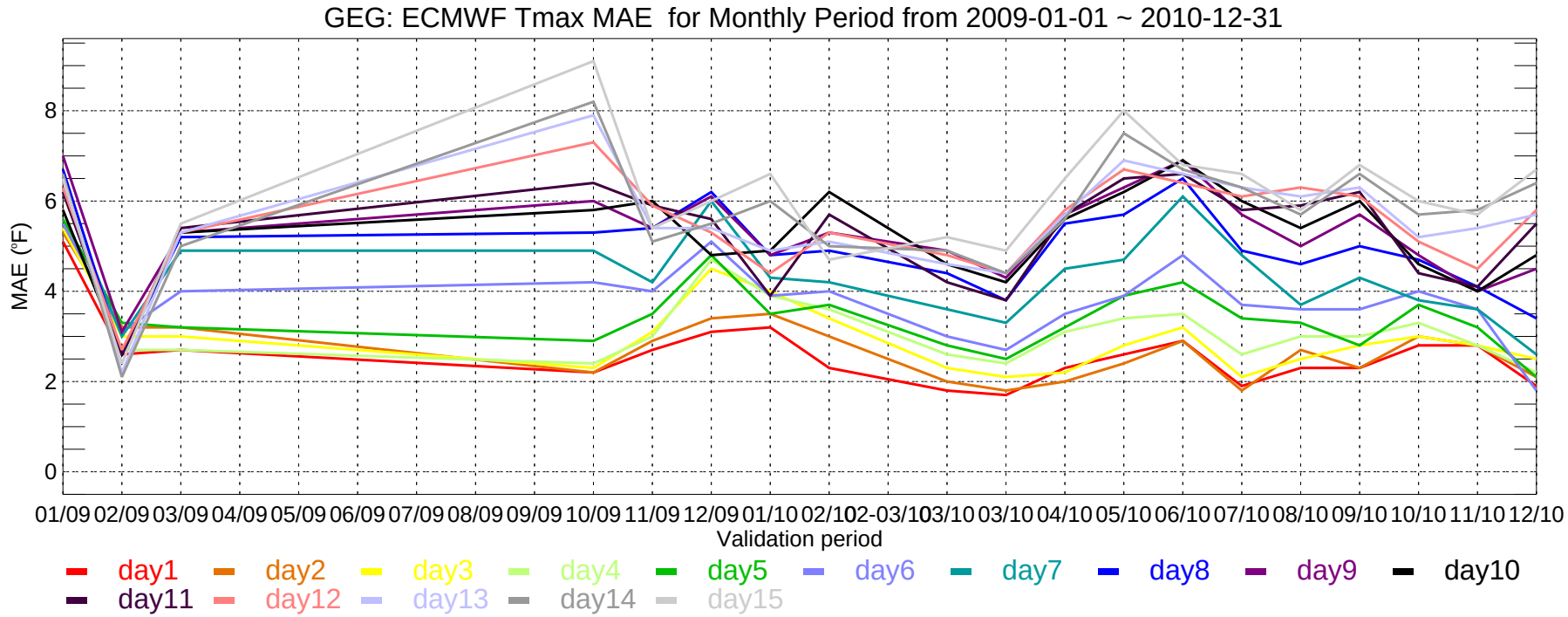

FWA: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

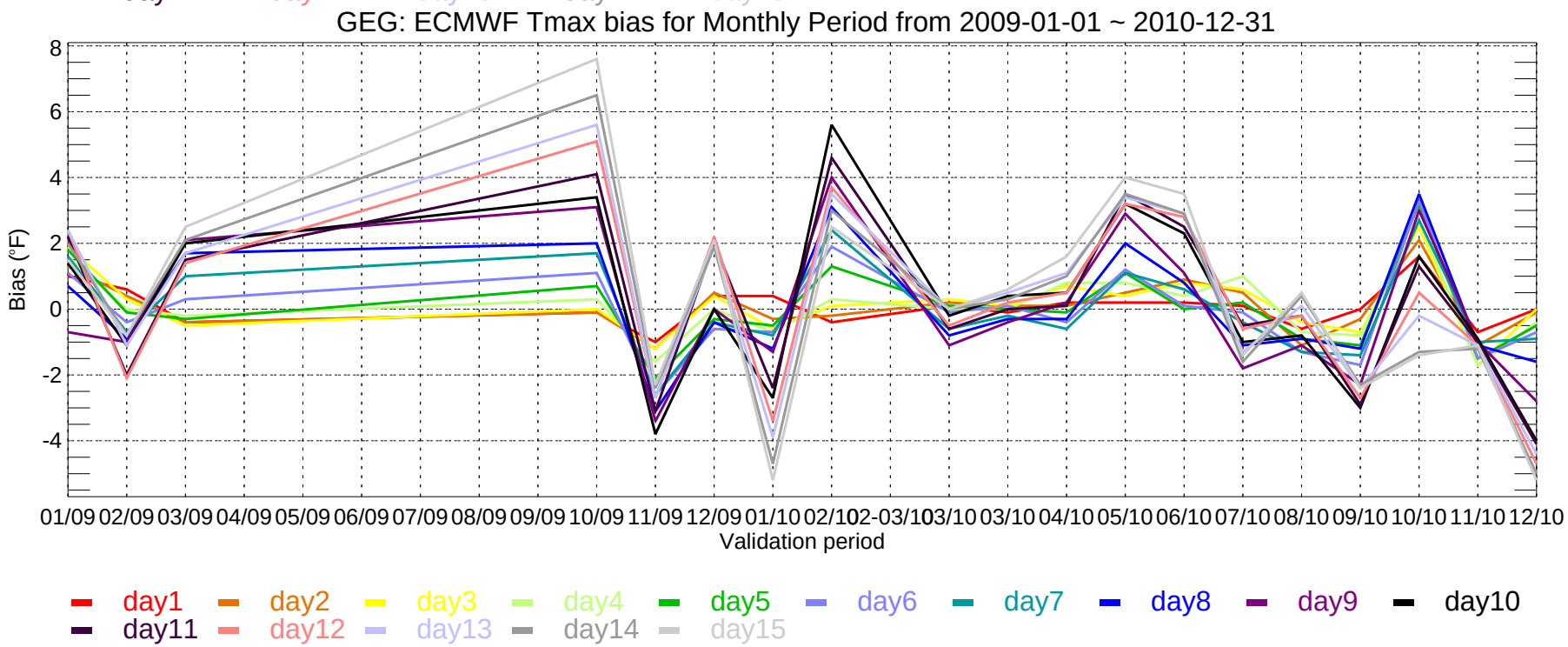

GAD: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

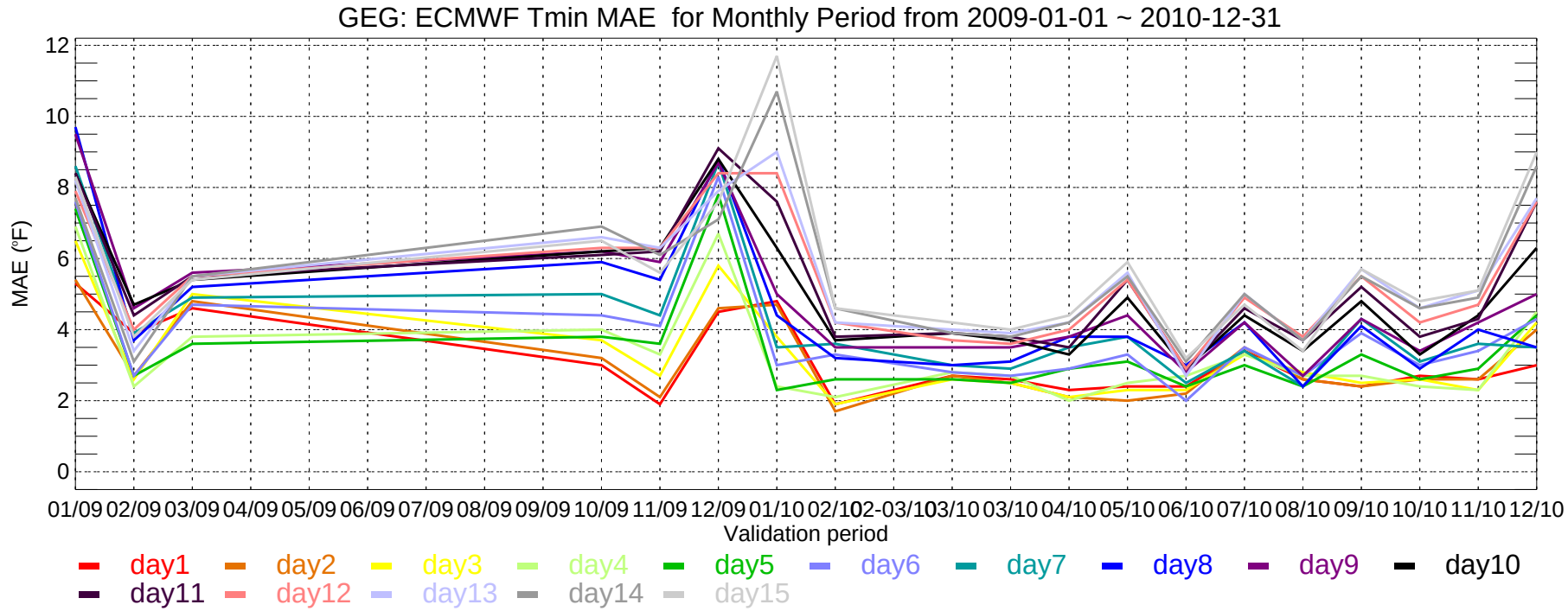

GAD: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

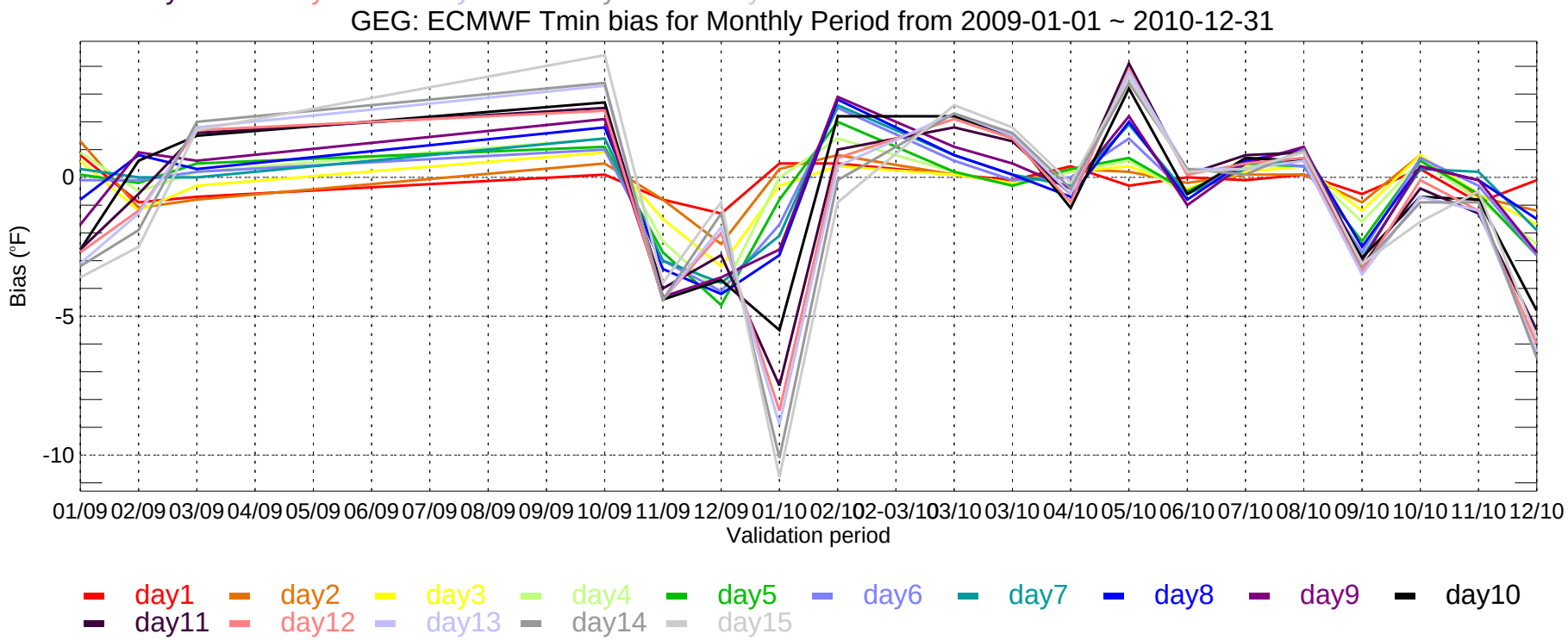

GAD: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

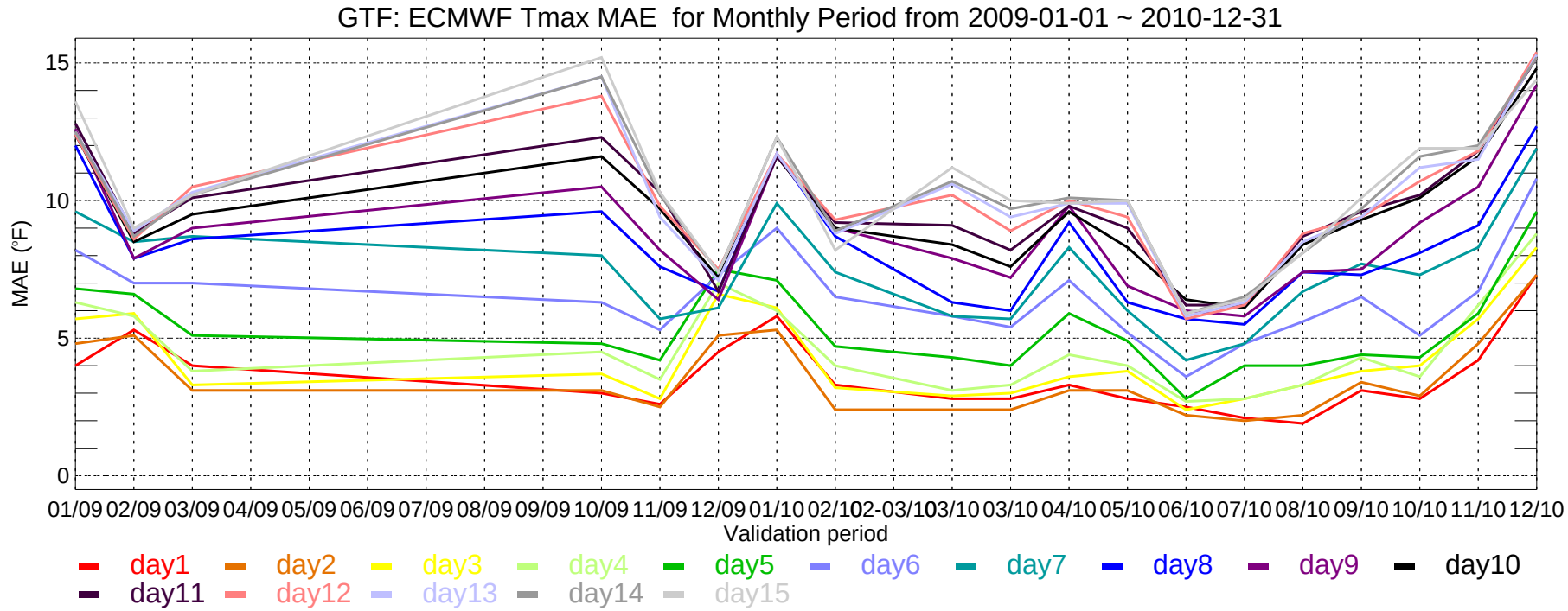

GAD: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
8
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

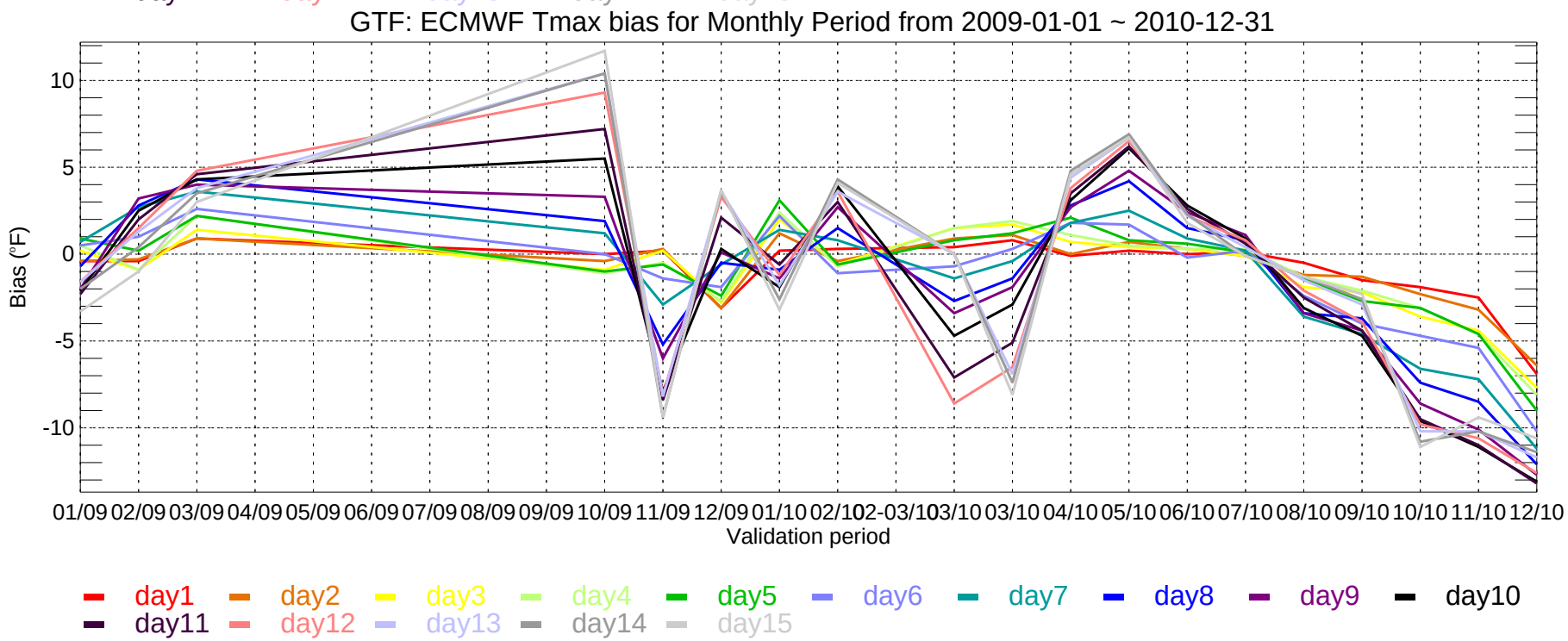

GEG: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

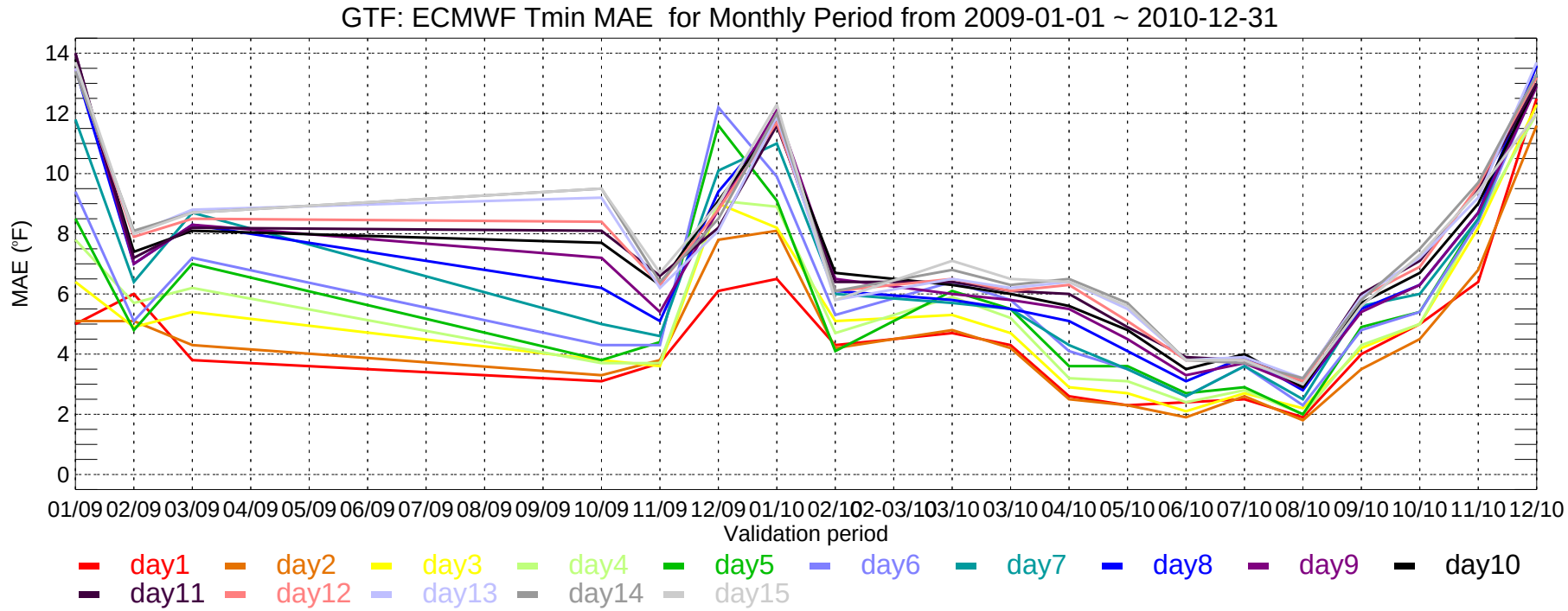

GEG: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

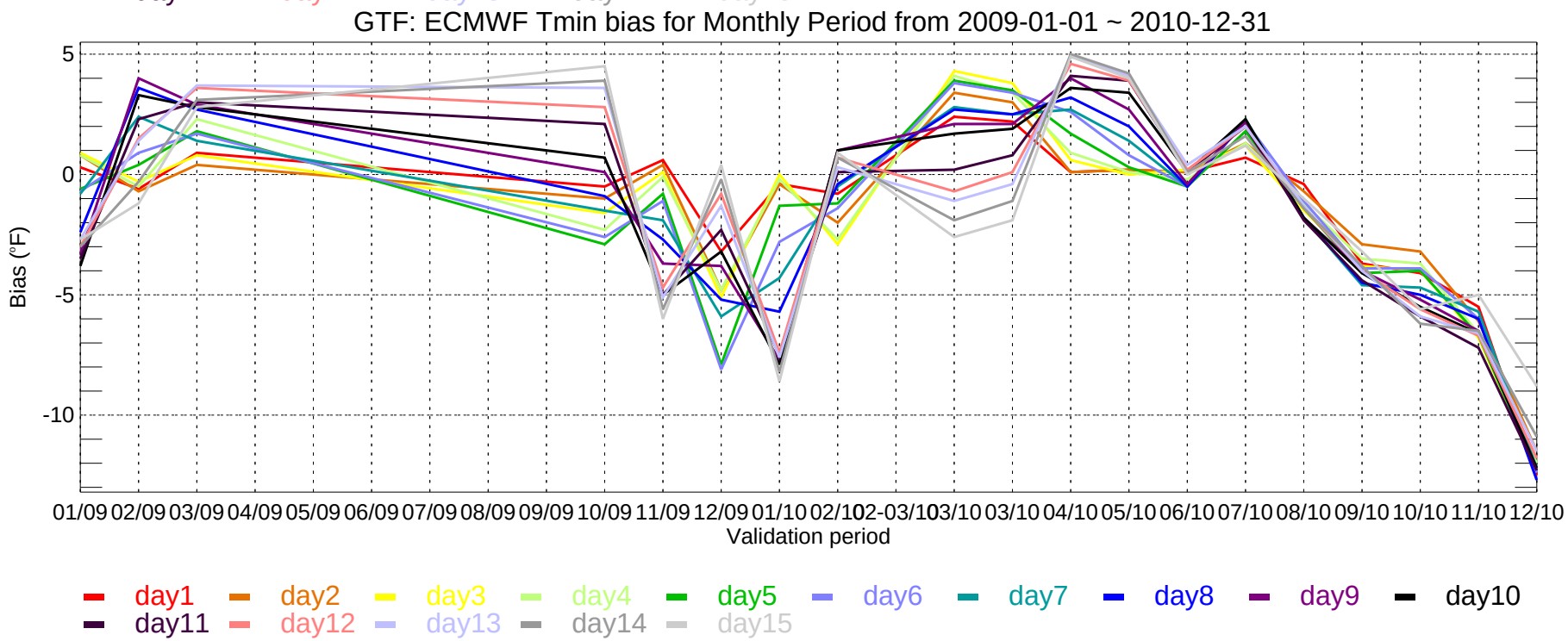

GEG: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

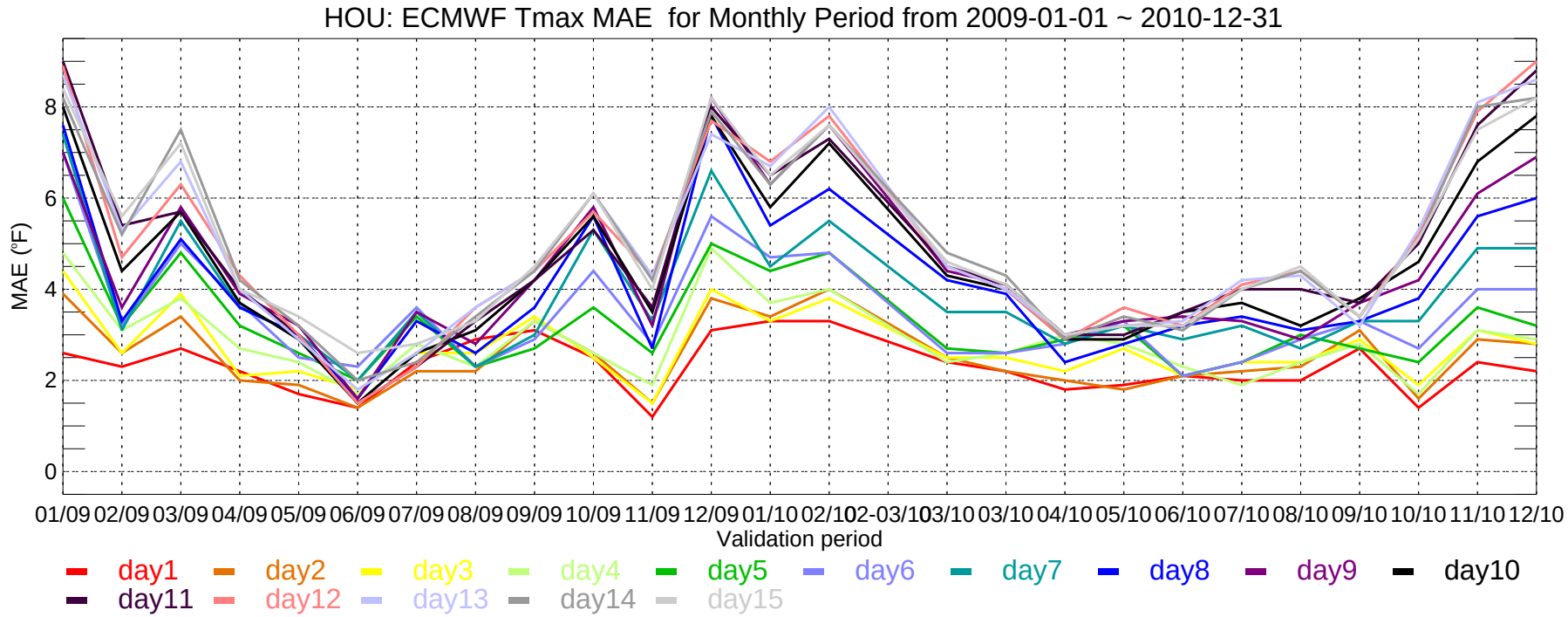

GEG: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

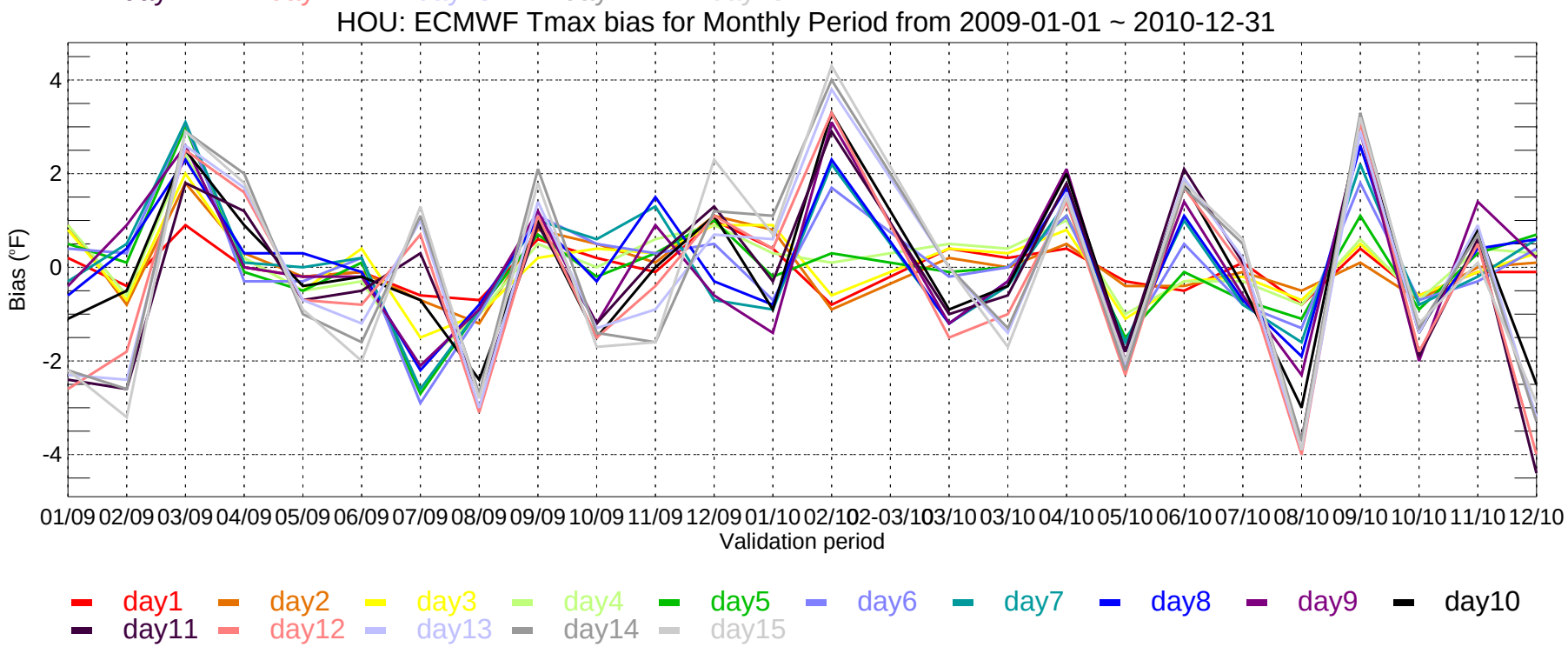

GTF: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
15
10
5
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

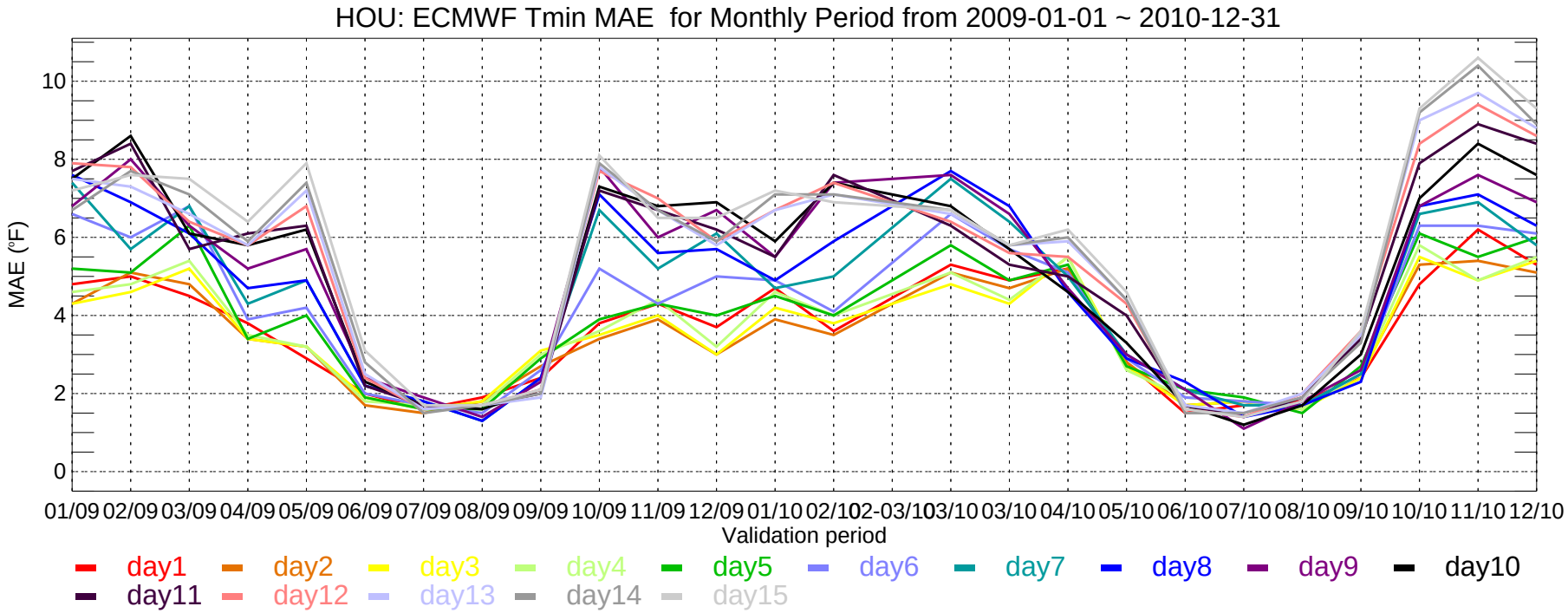

GTF: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
10
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

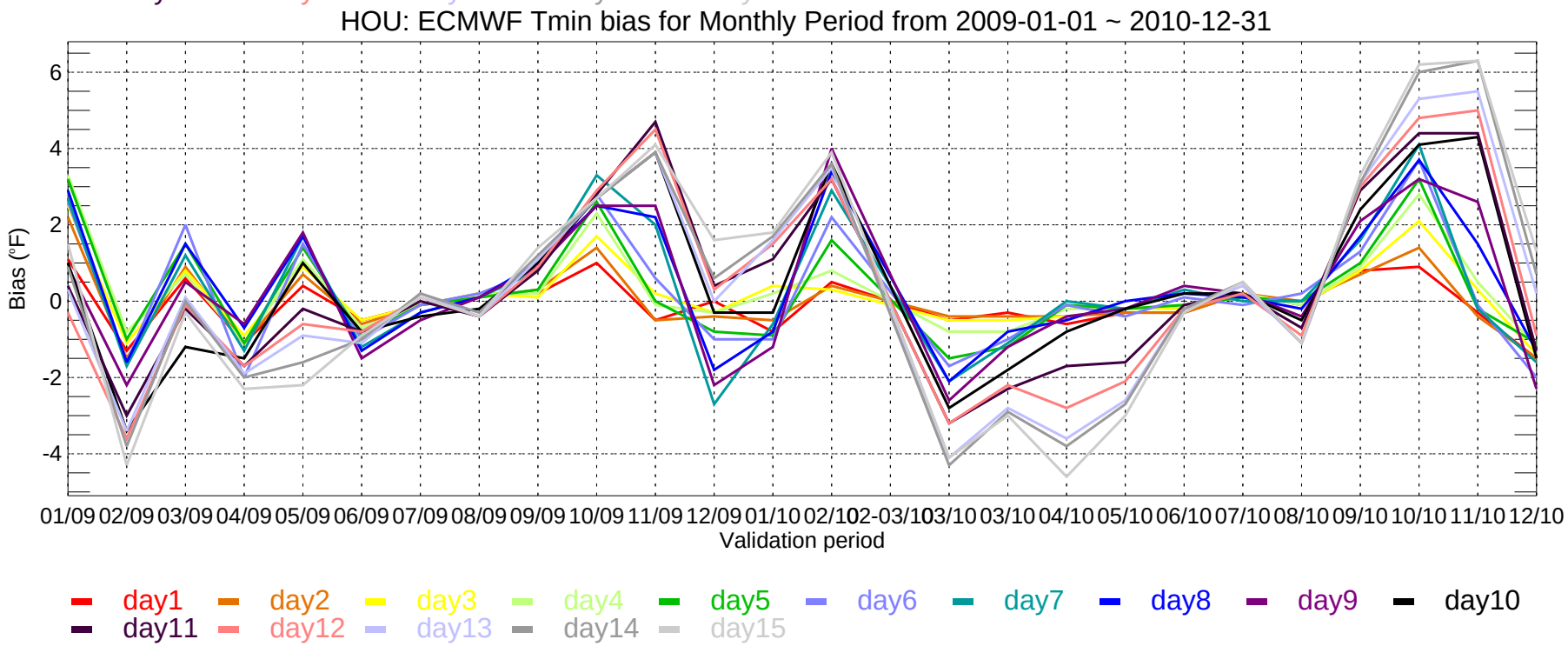

GTF: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
14
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

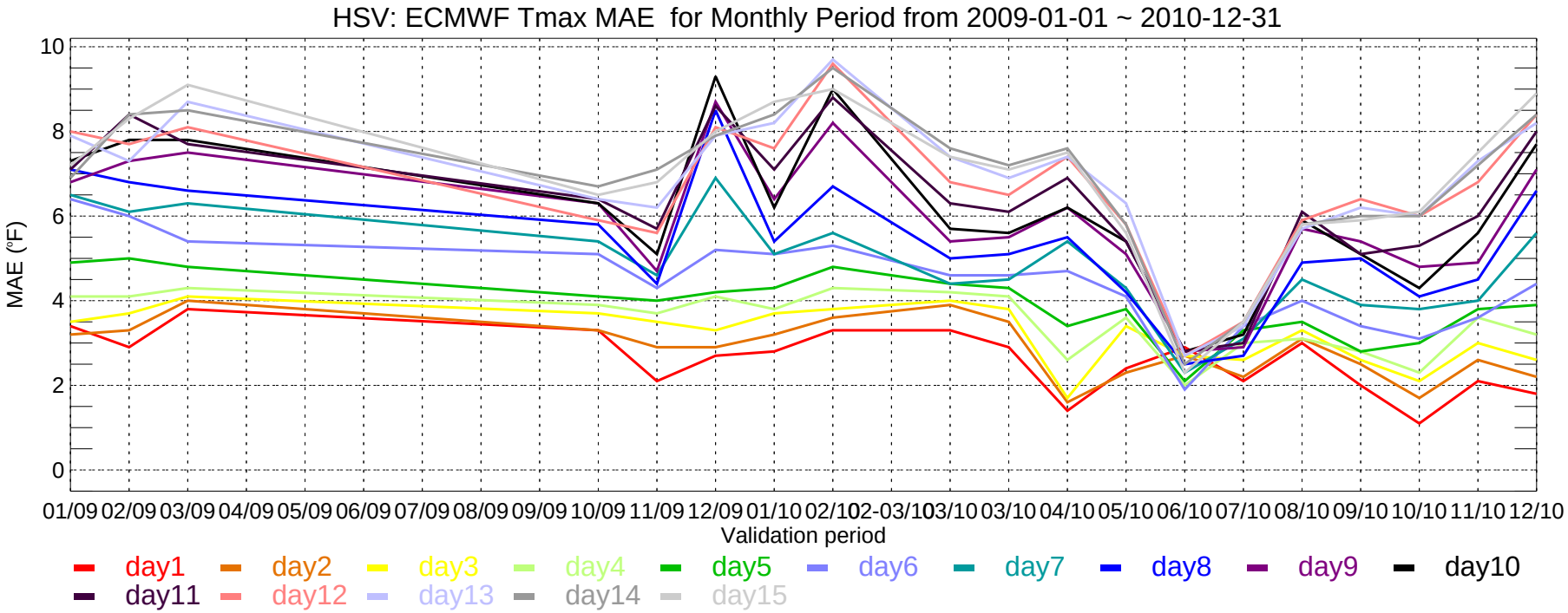

GTF: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

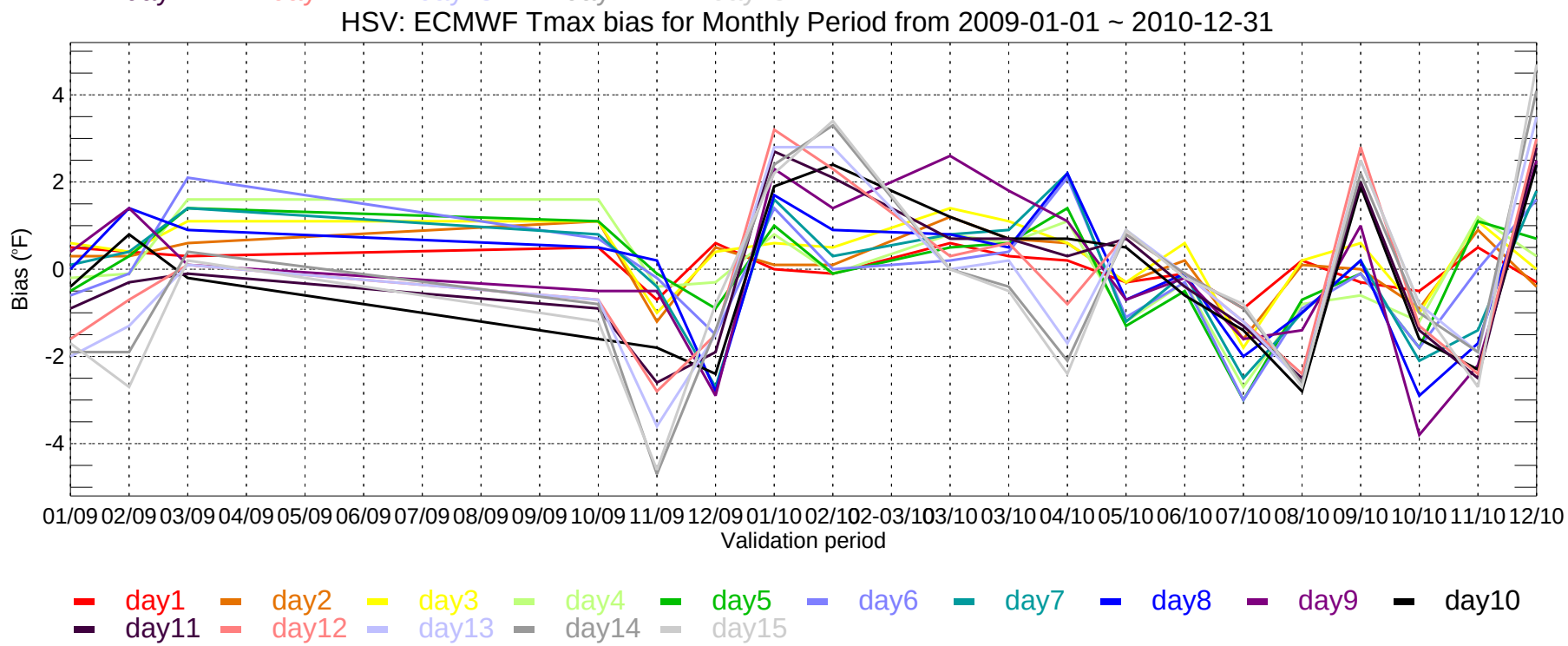

HOU: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

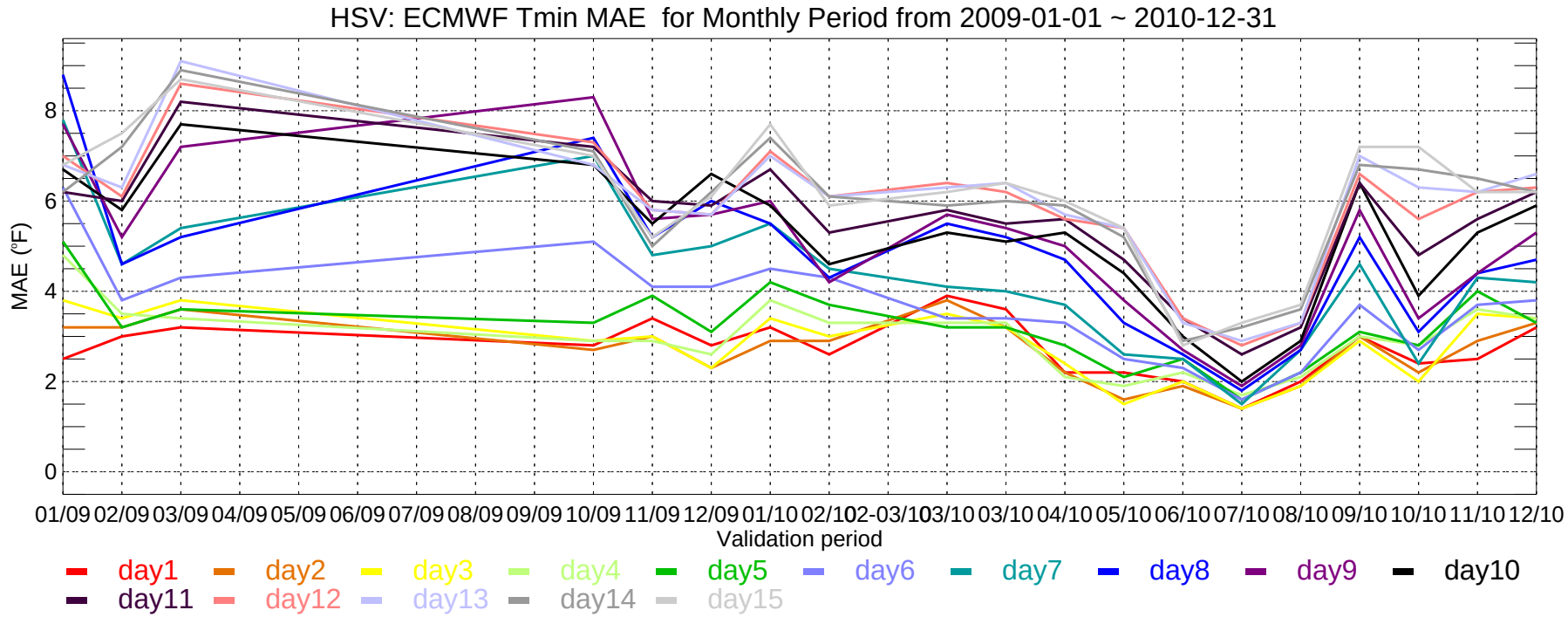

HOU: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

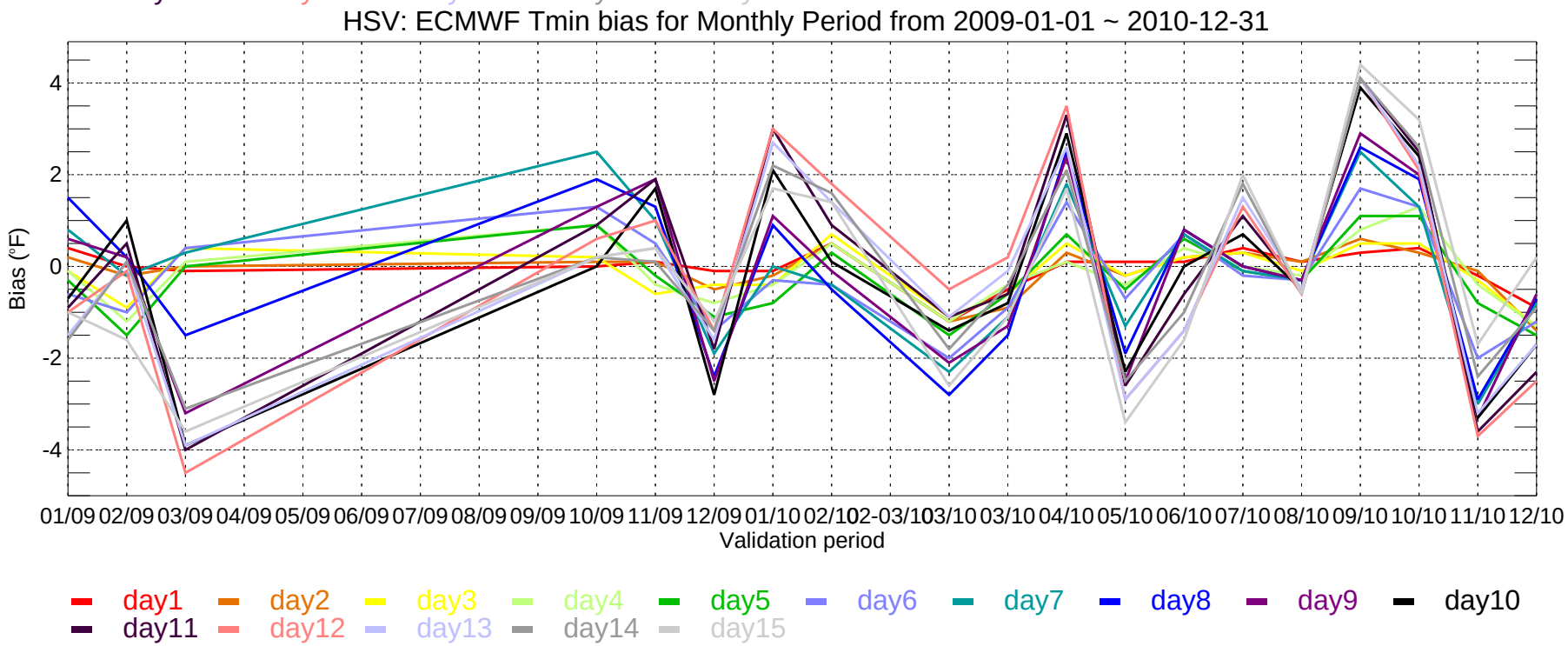

HOU: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

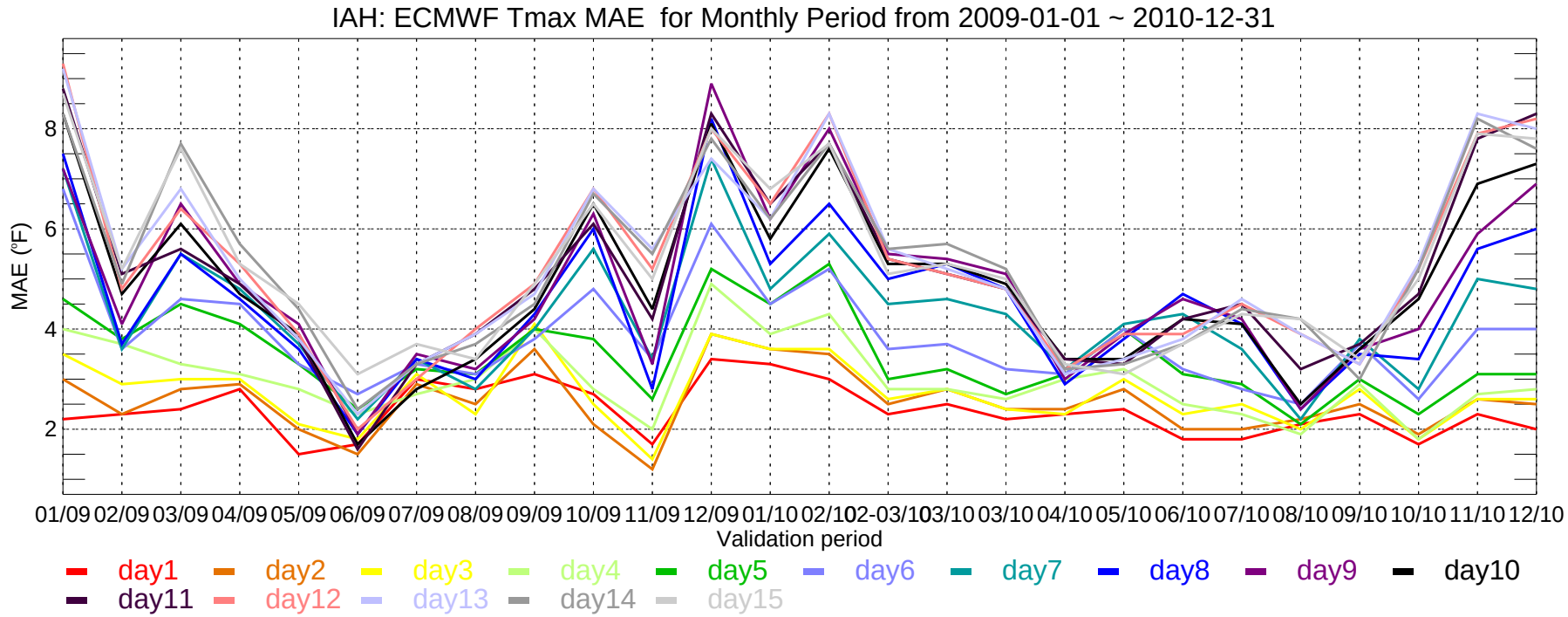

HOU: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

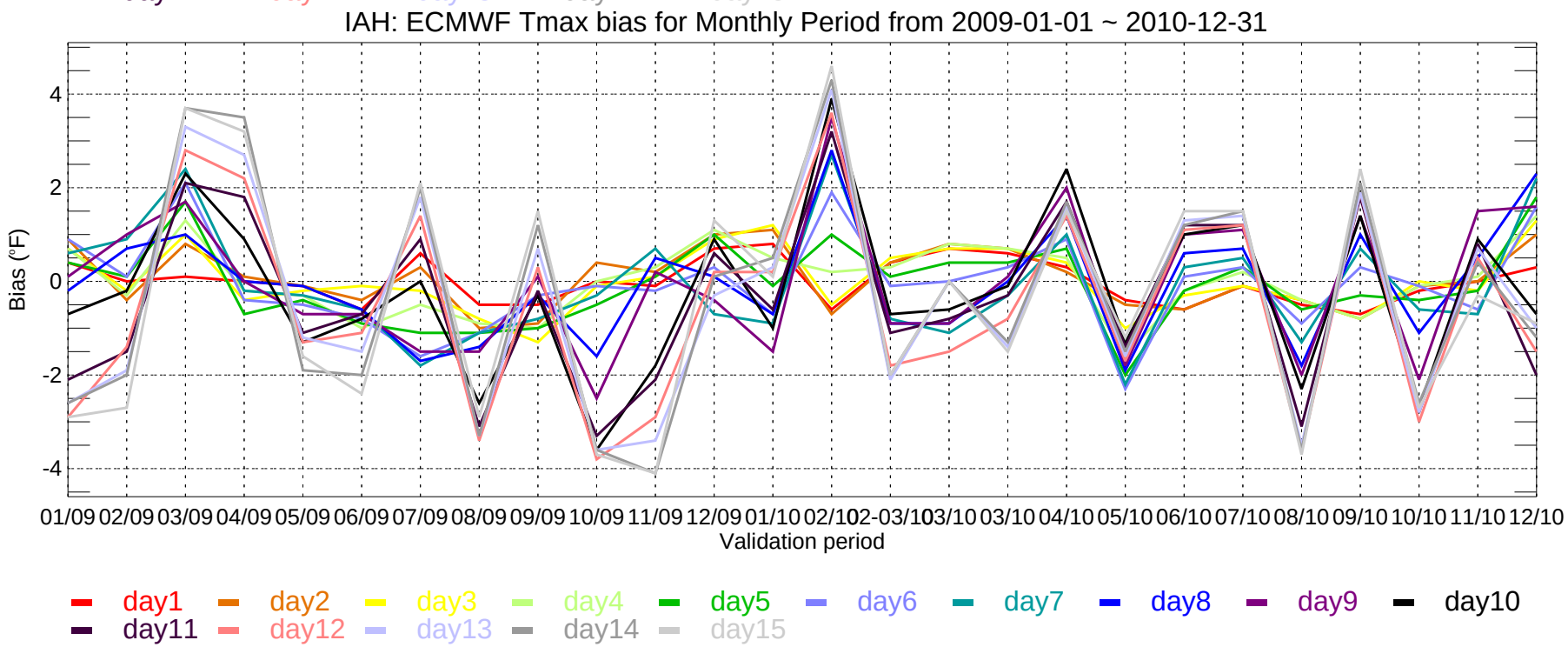

HSV: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

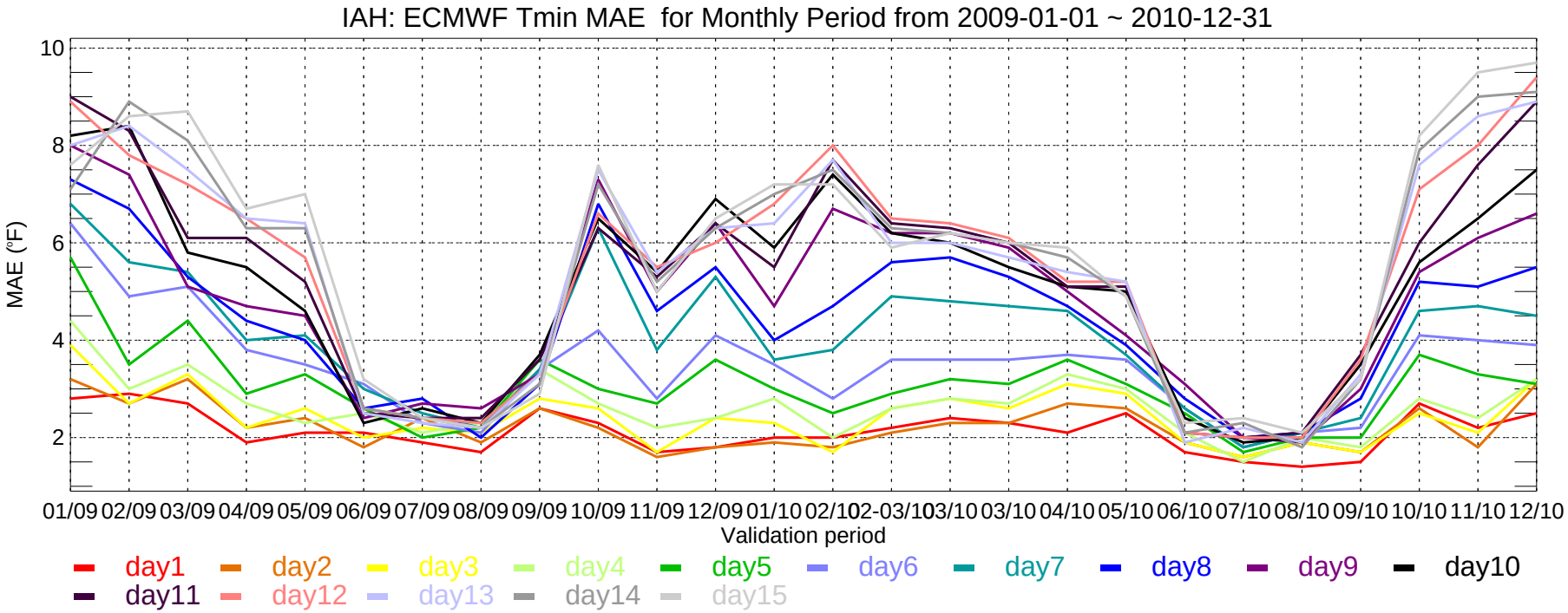

HSV: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

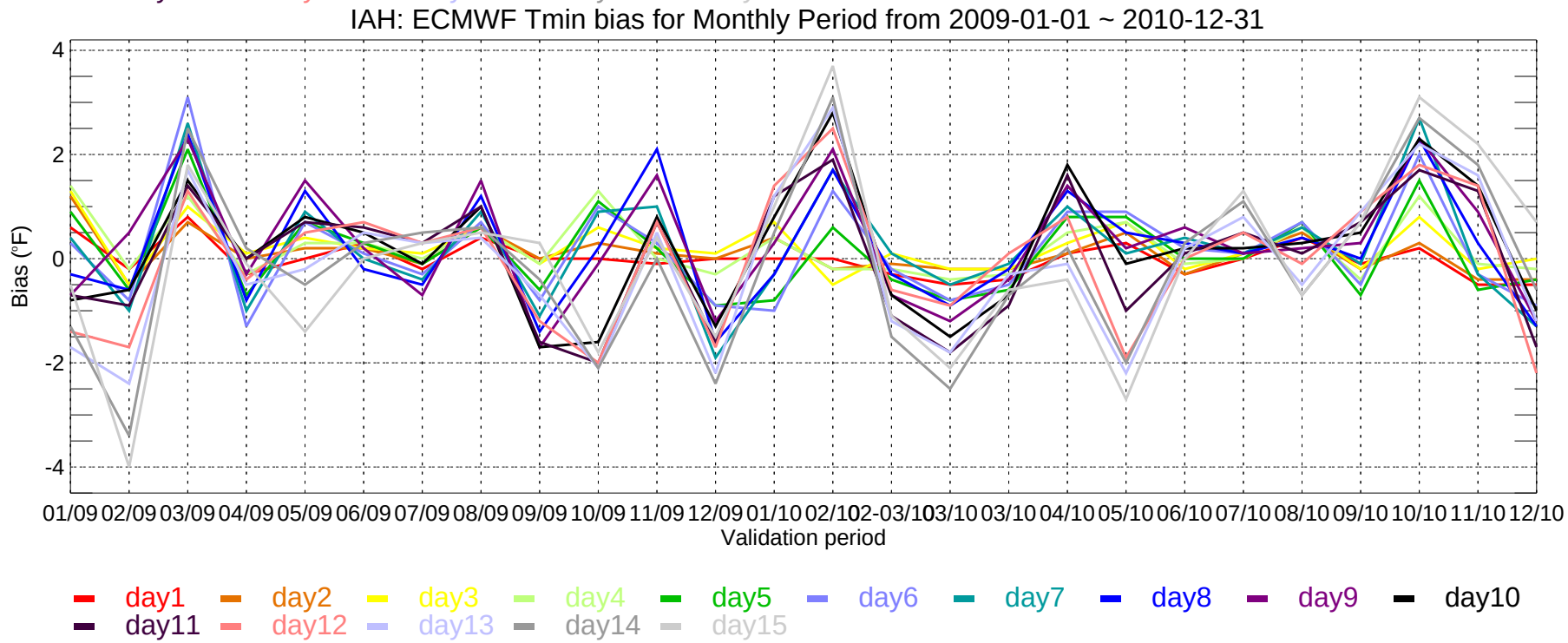

HSV: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

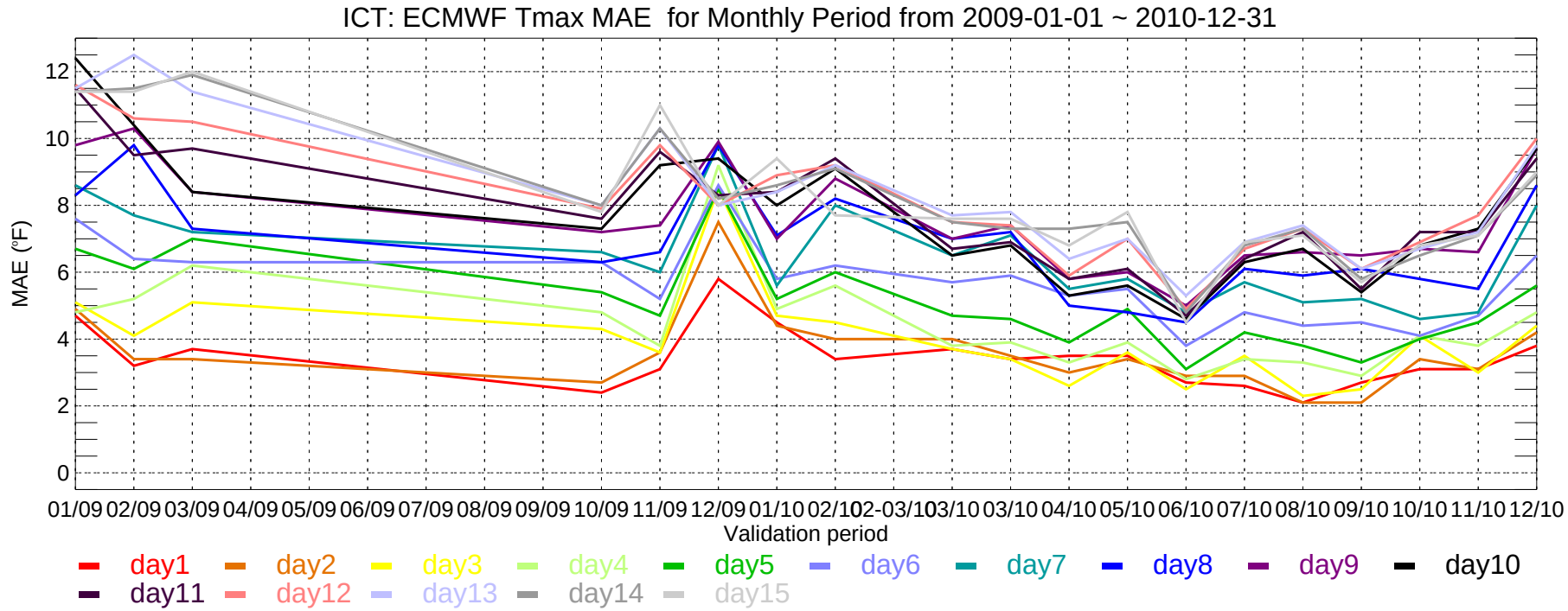

HSV: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

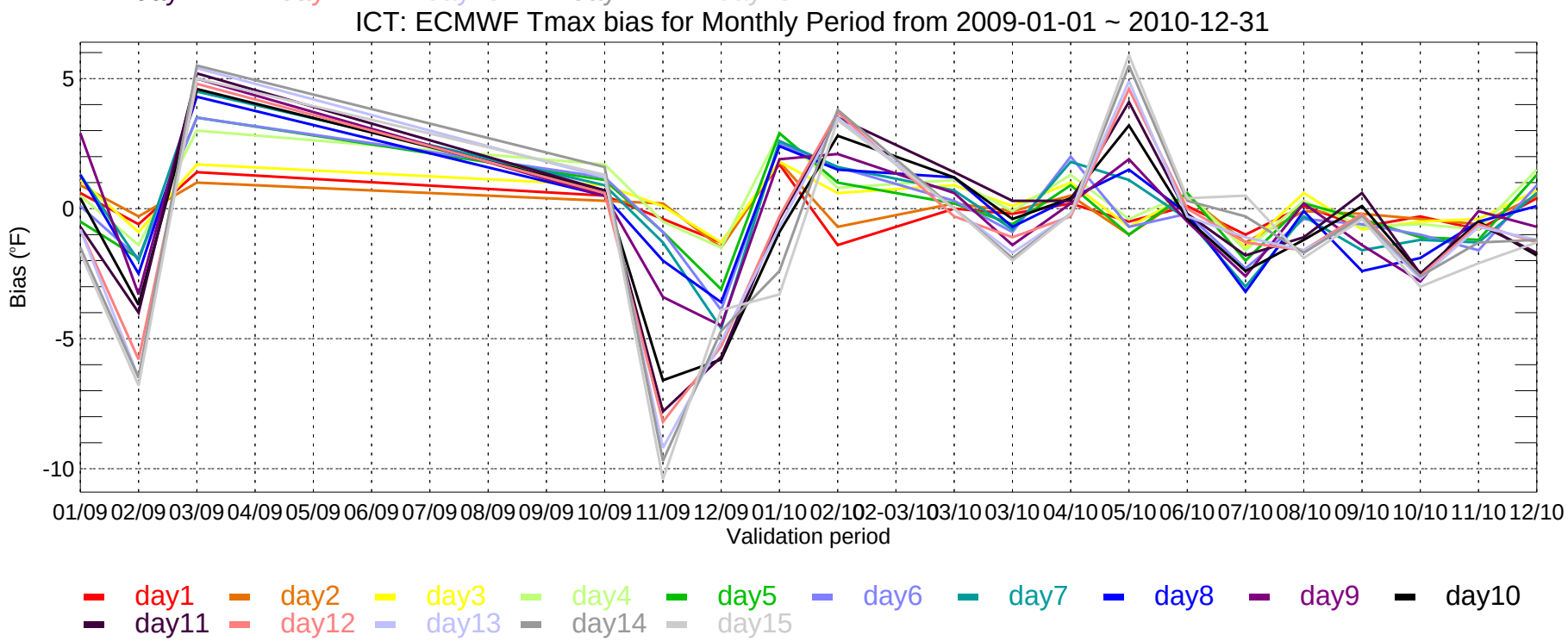

IAH: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

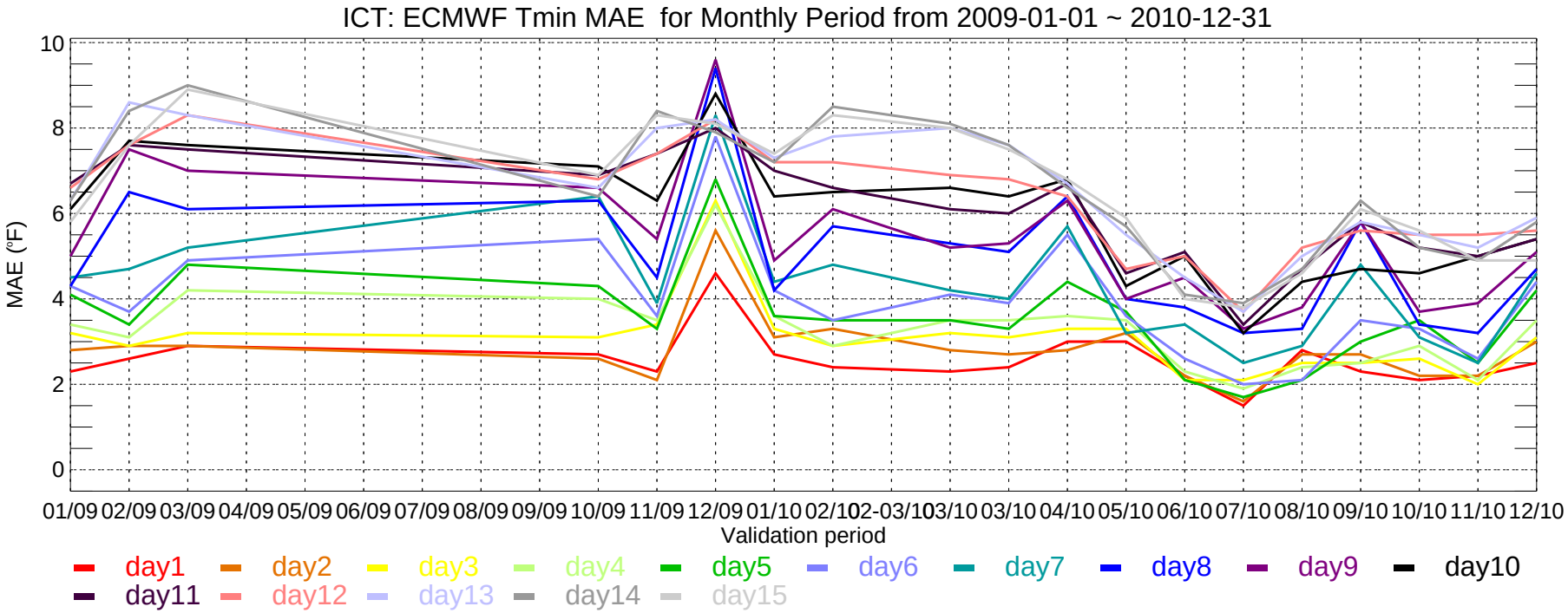

IAH: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

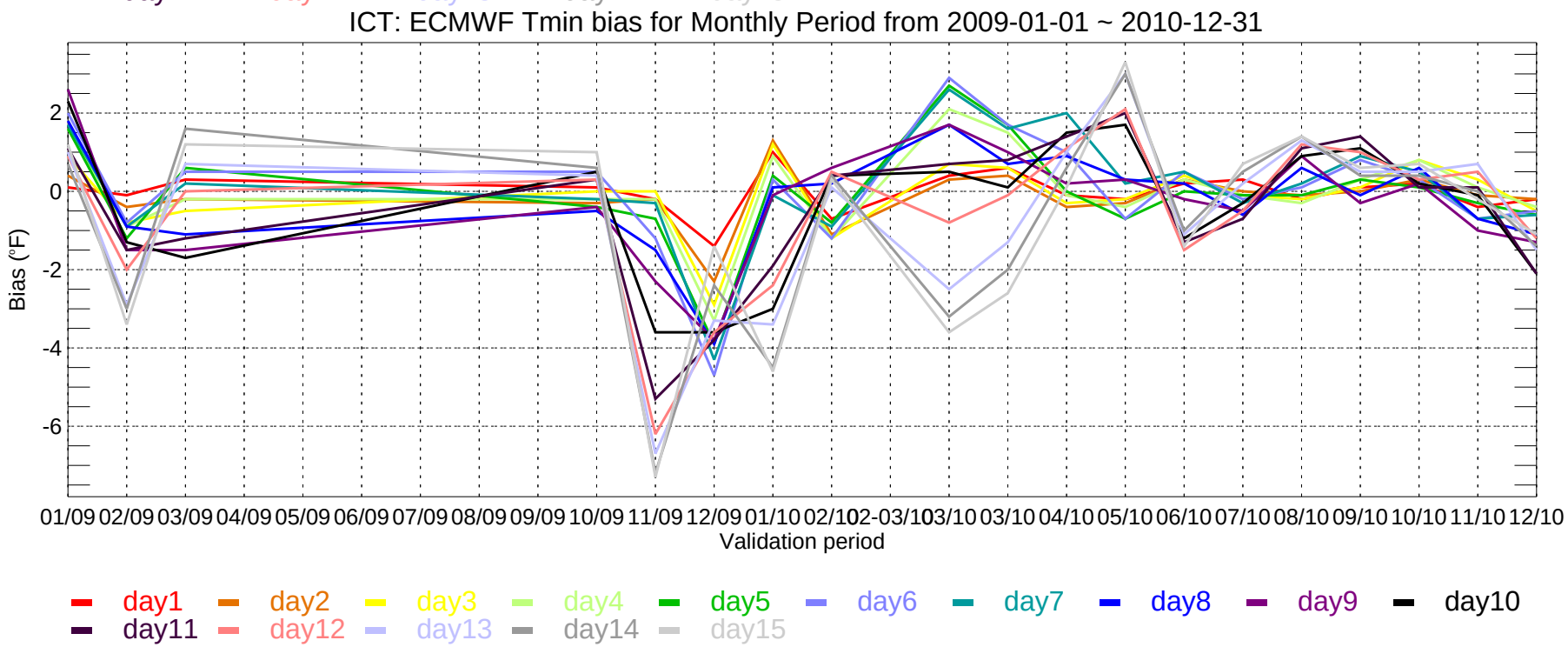

IAH: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

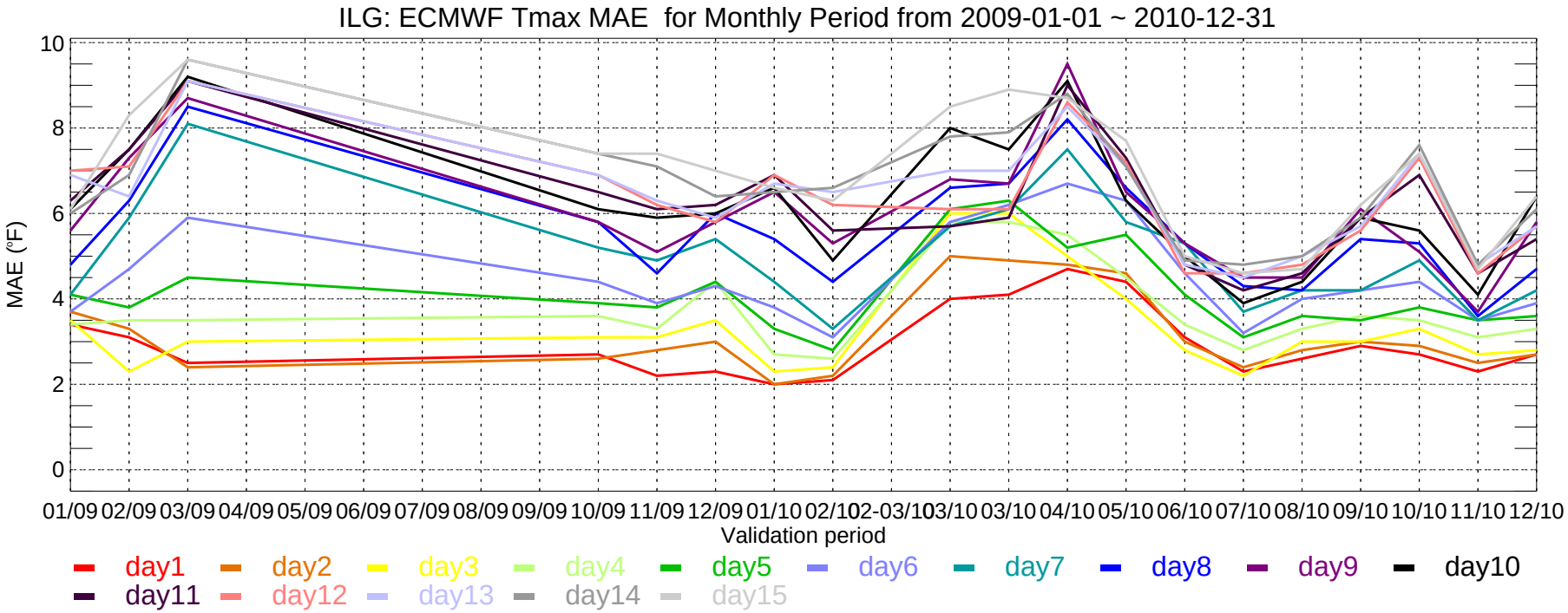

IAH: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

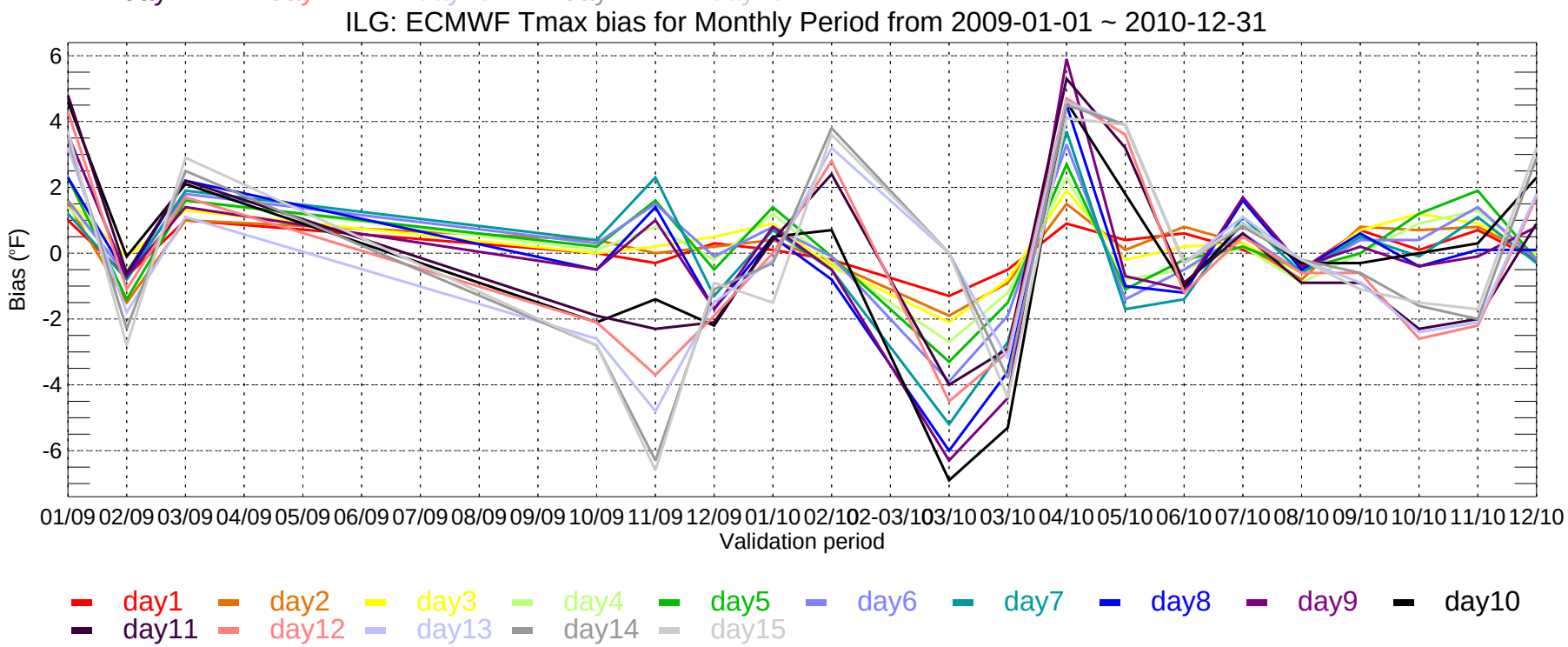

ICT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

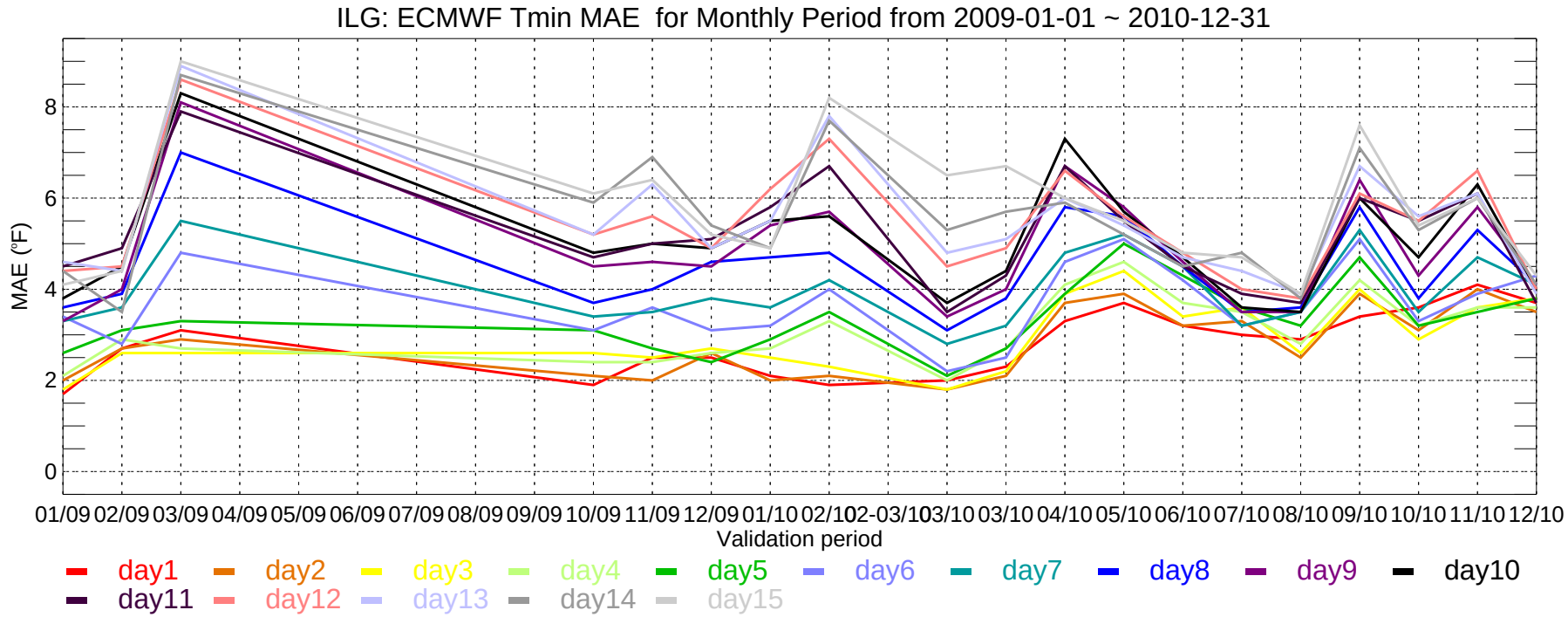

ICT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

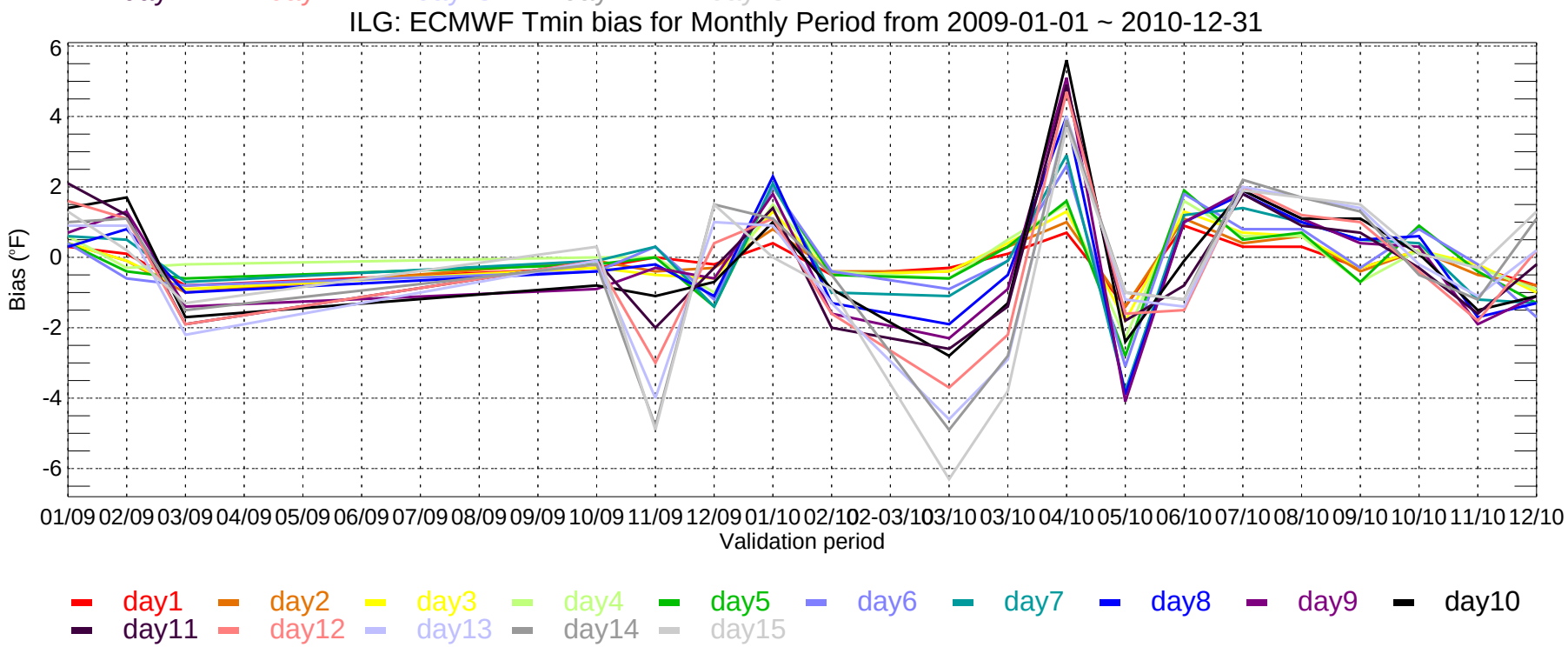

ICT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

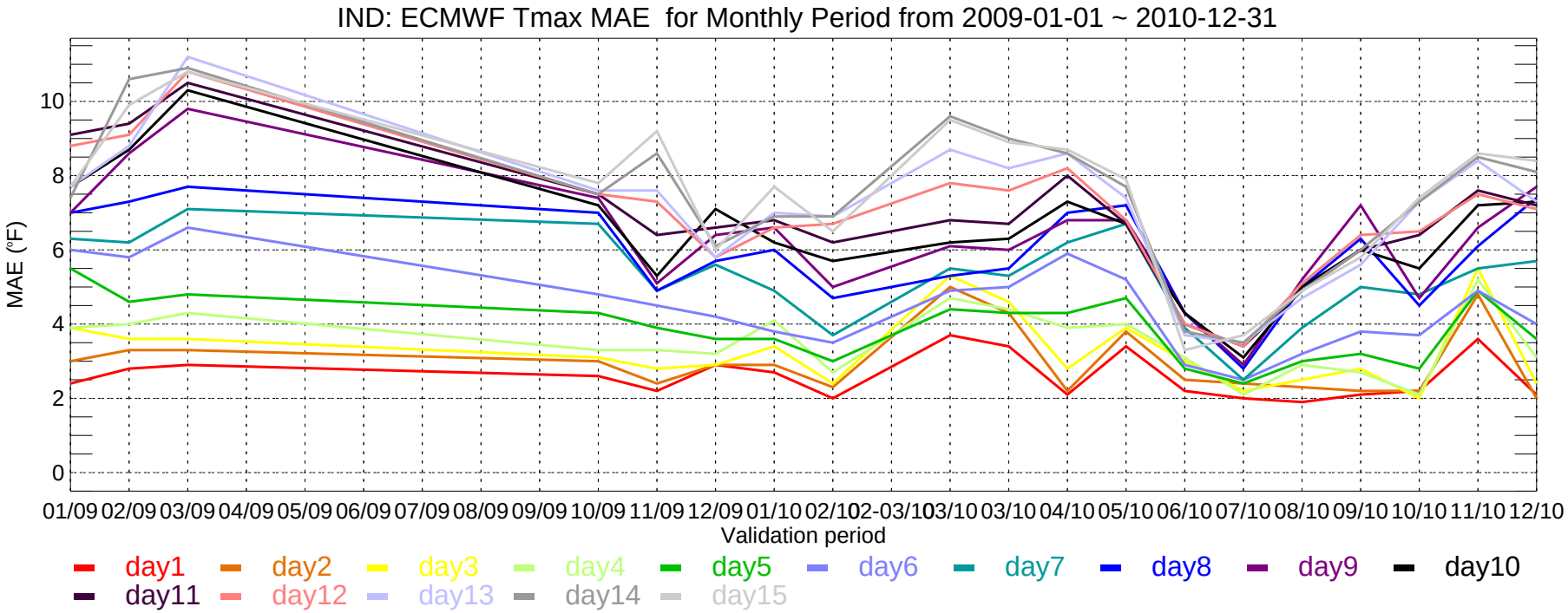

ICT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

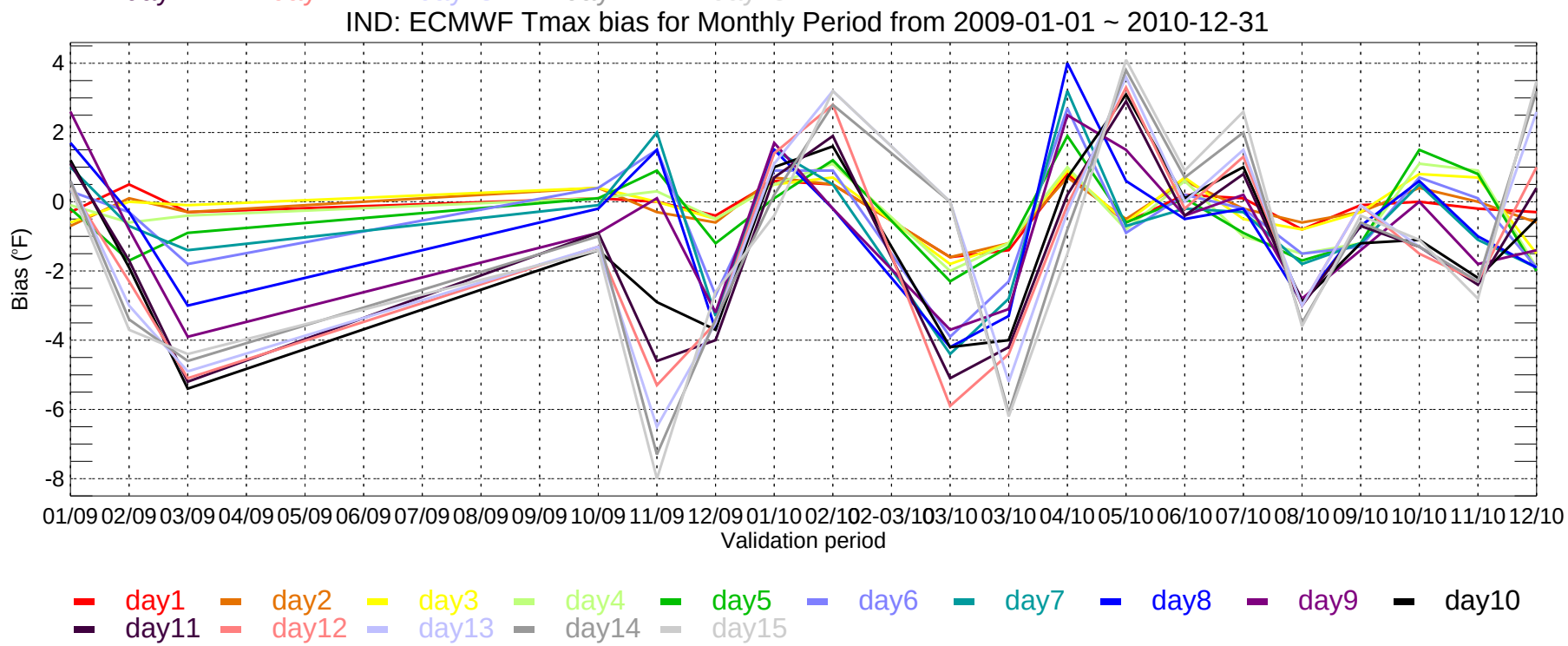

ILG: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

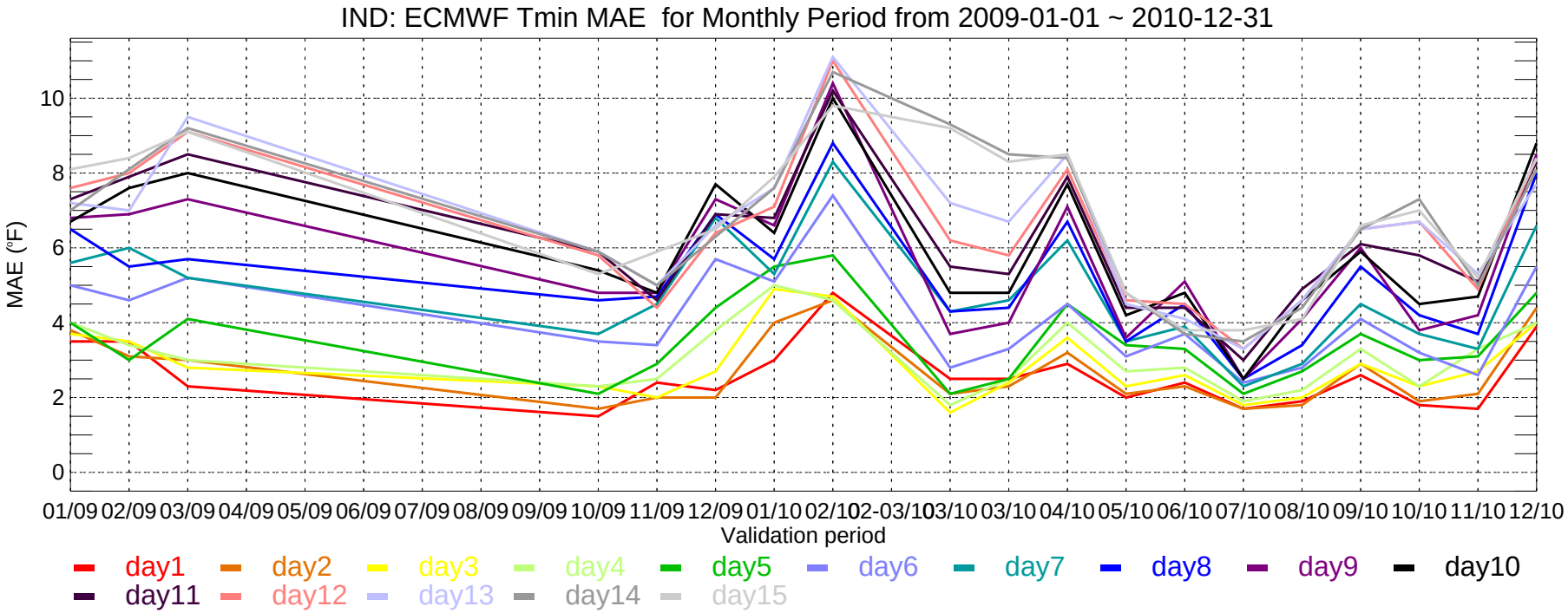

ILG: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

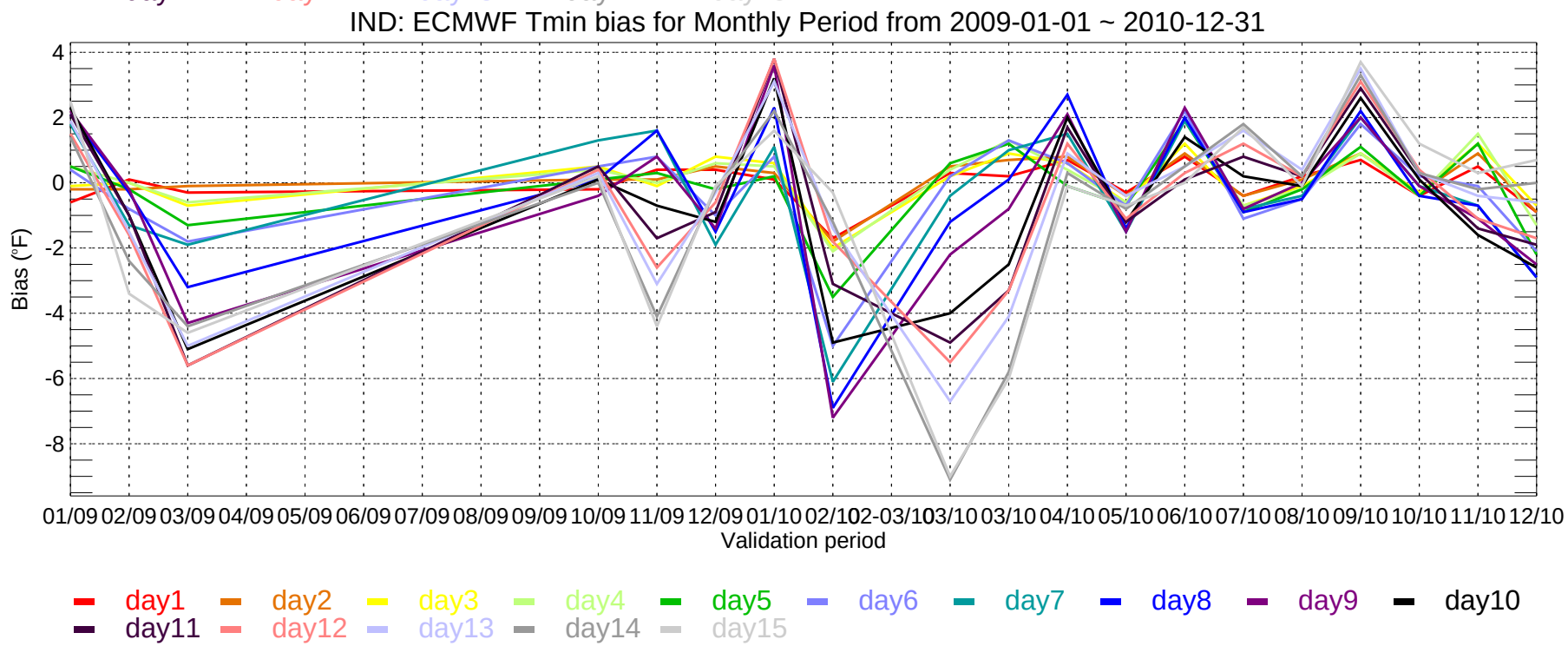

ILG: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

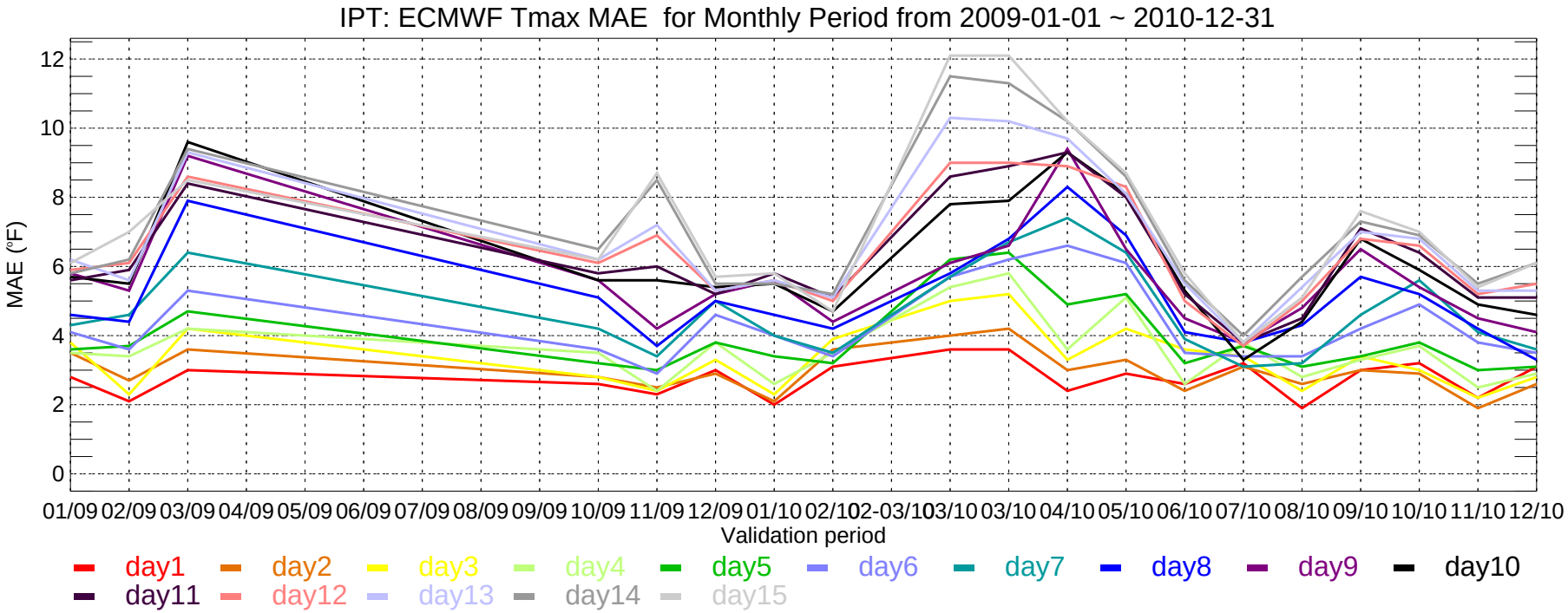

ILG: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

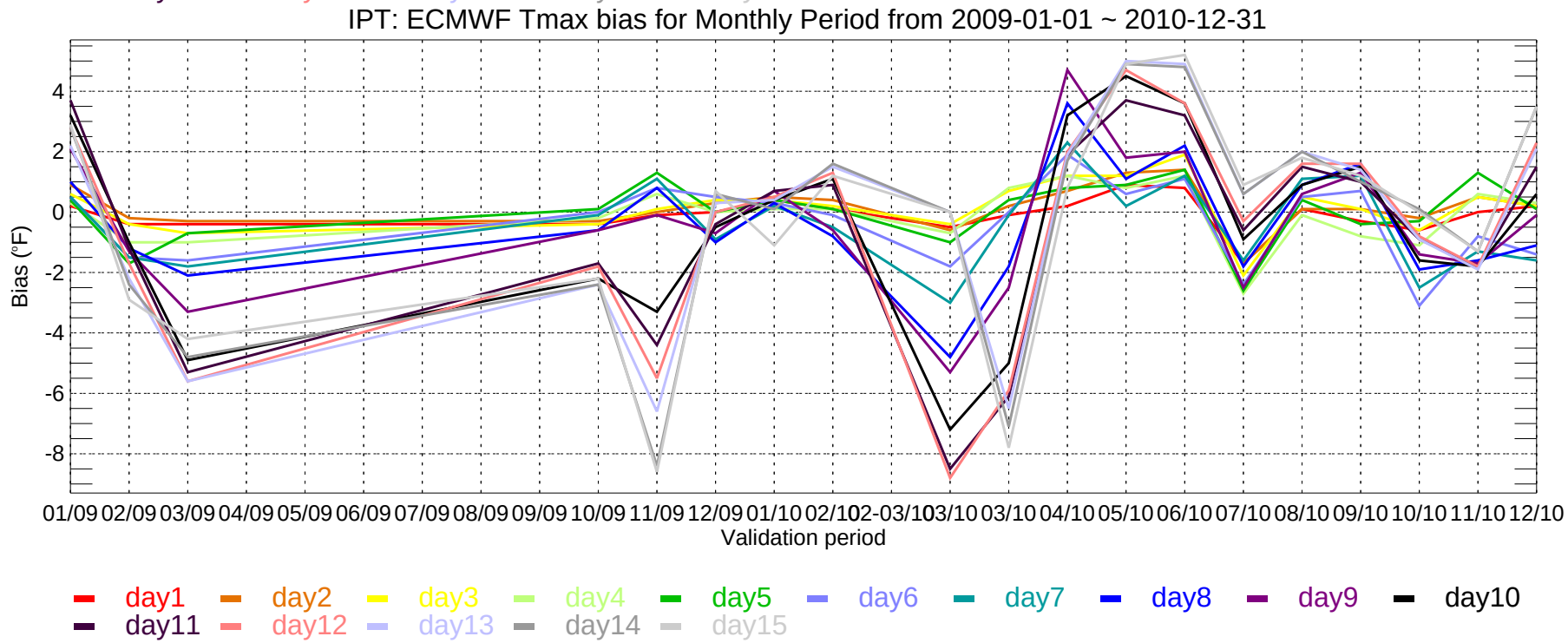

IND: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

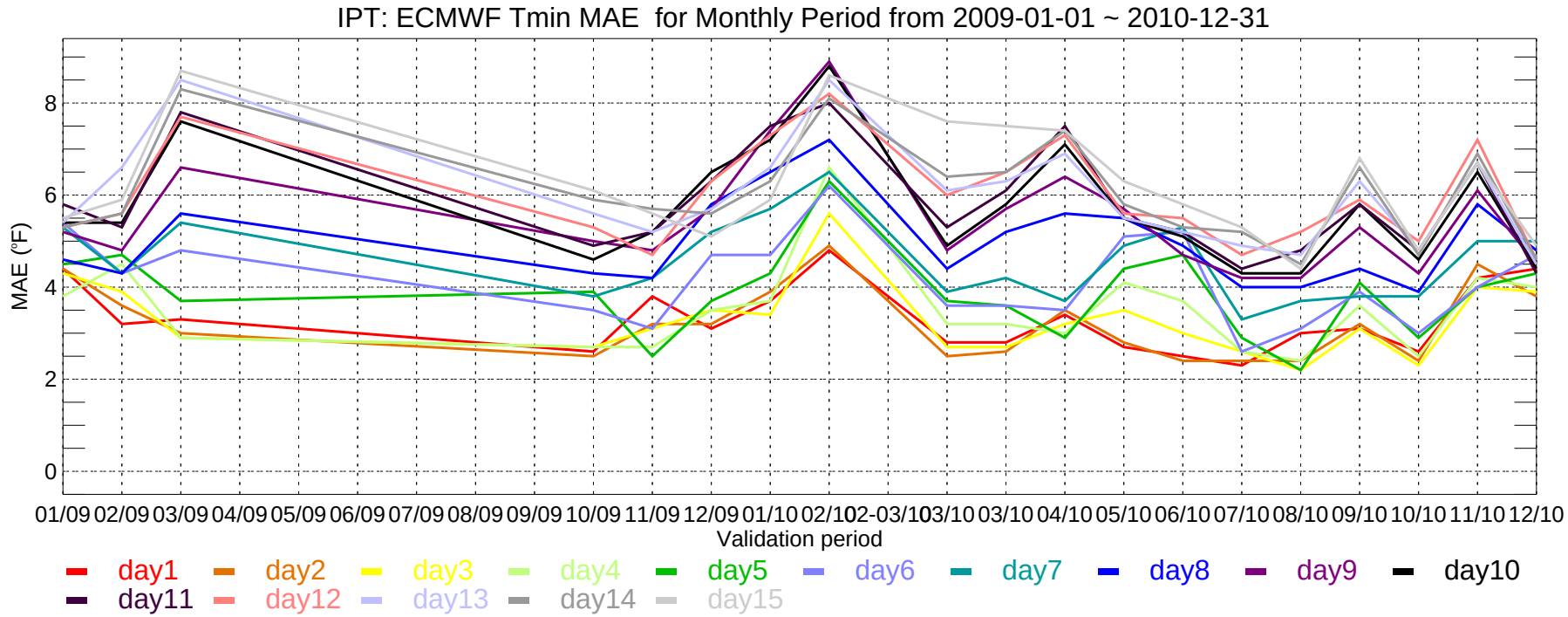

IND: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

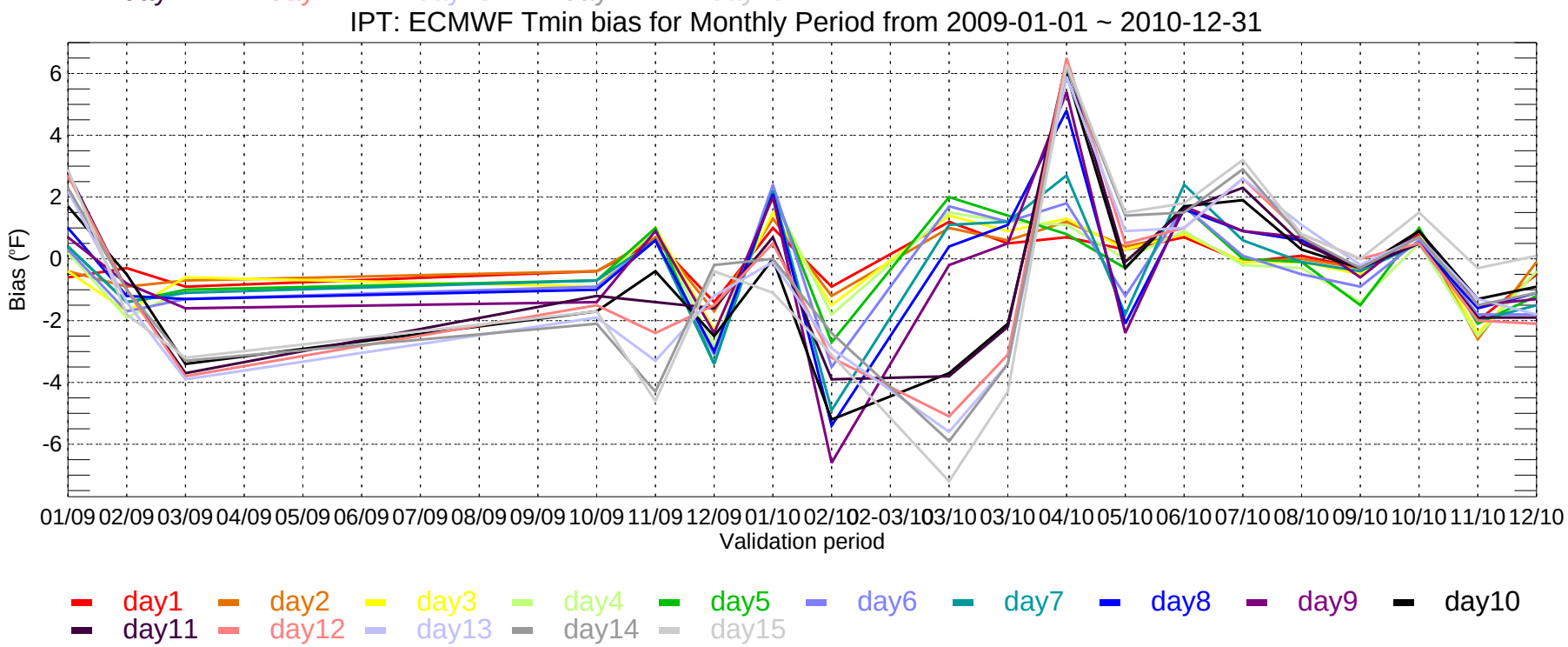

IND: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

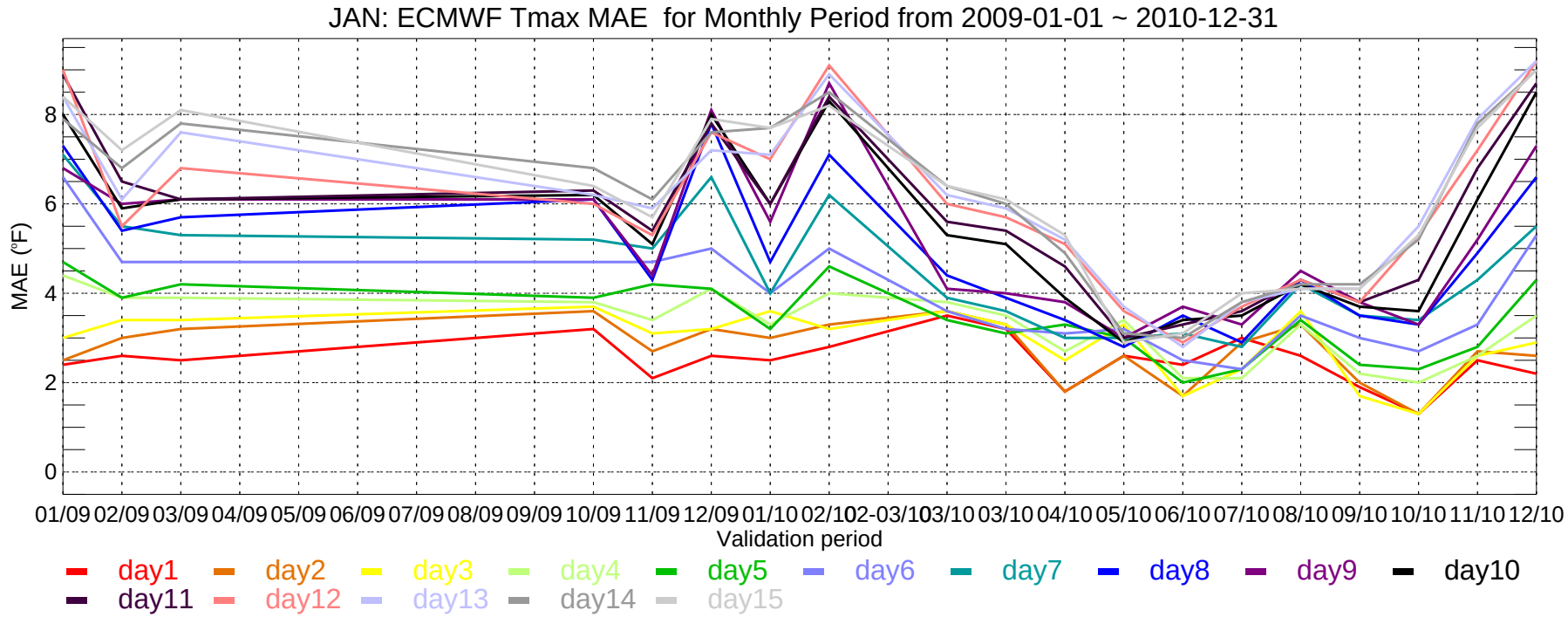

IND: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

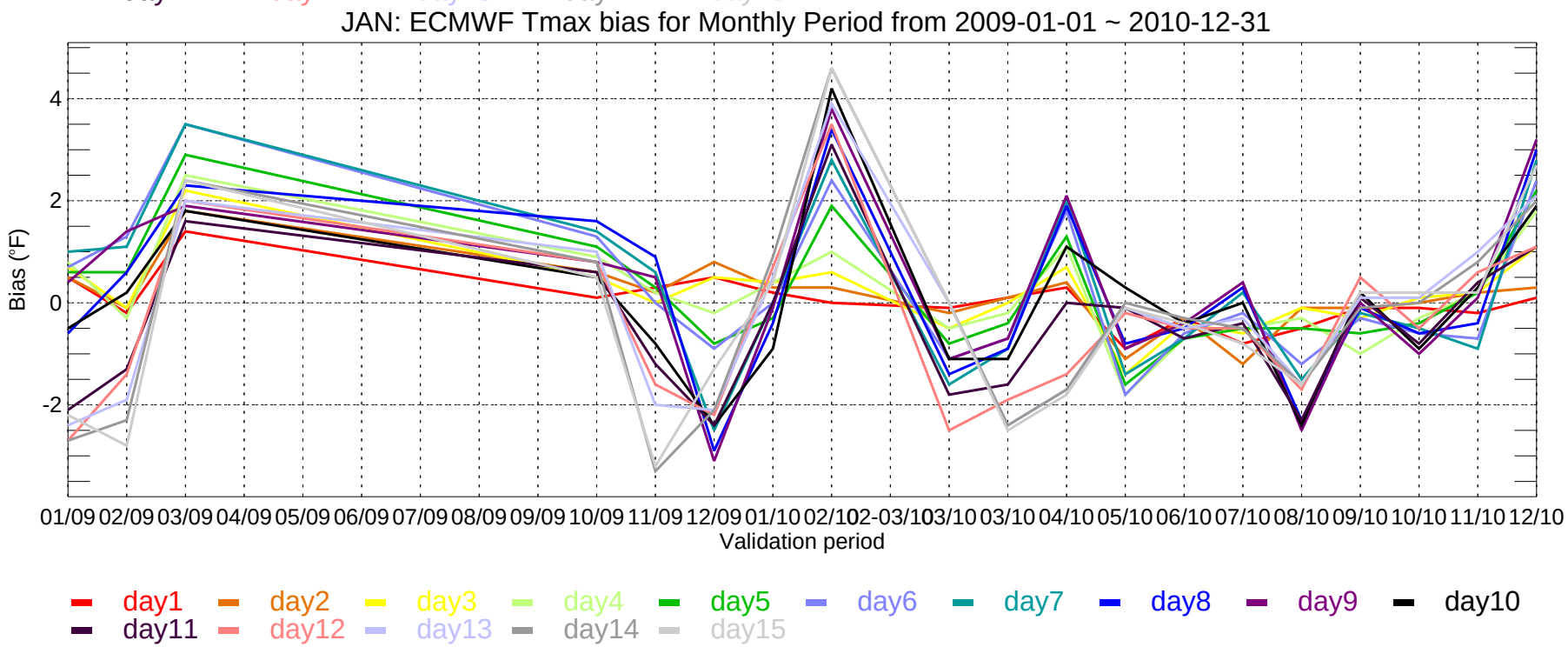

IPT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

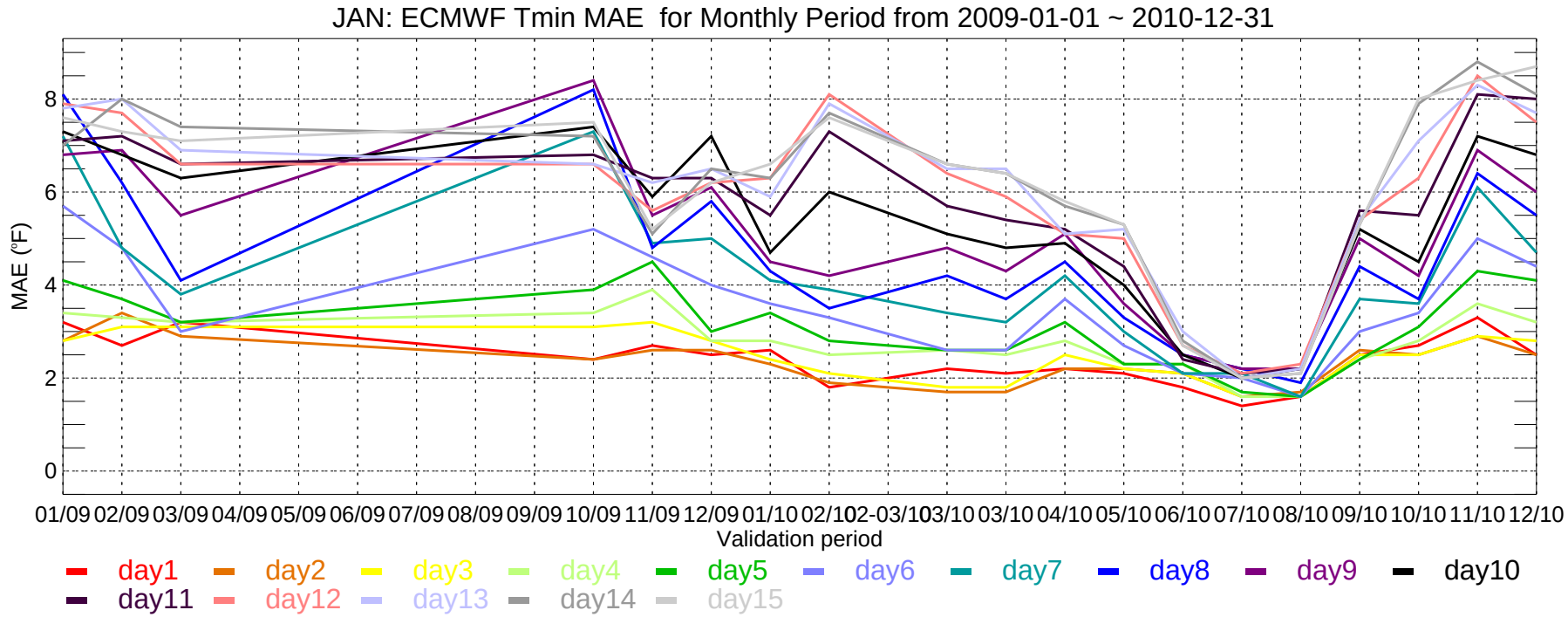

IPT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

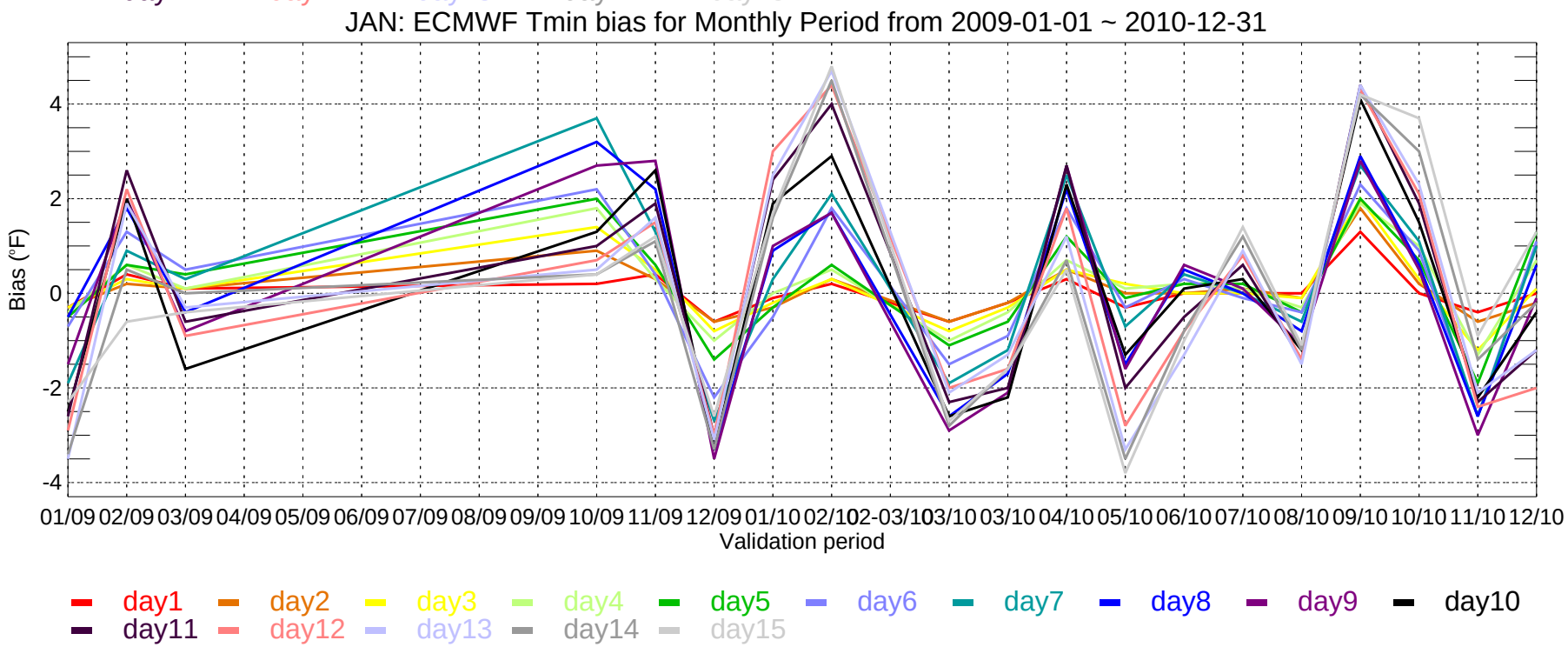

IPT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

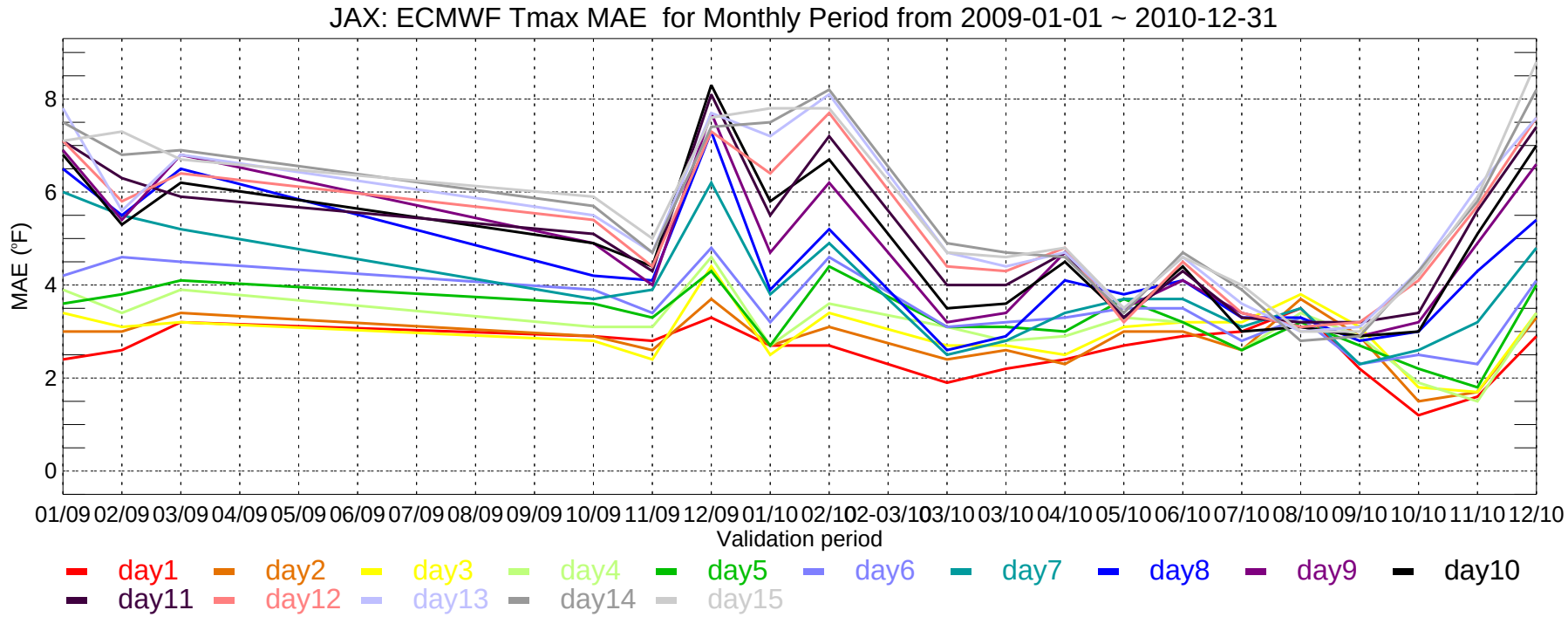

IPT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

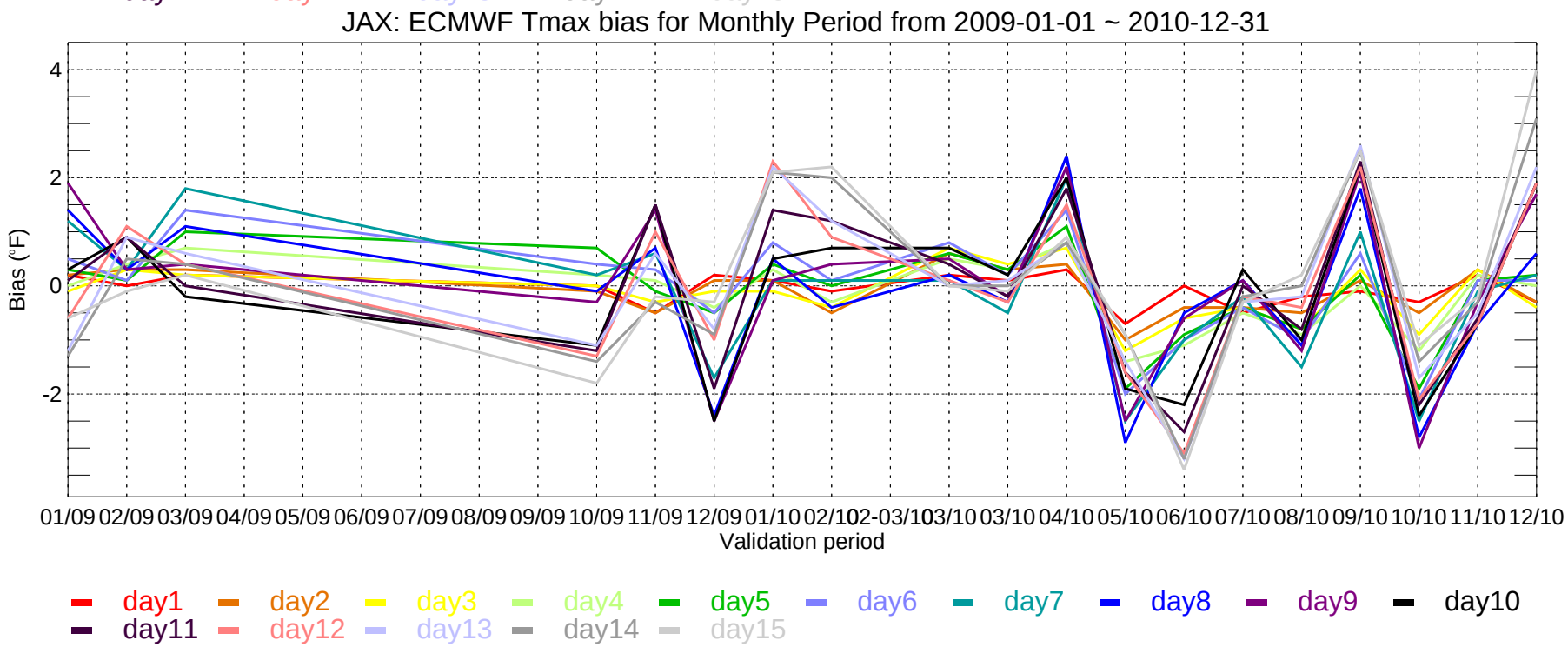

JAN: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

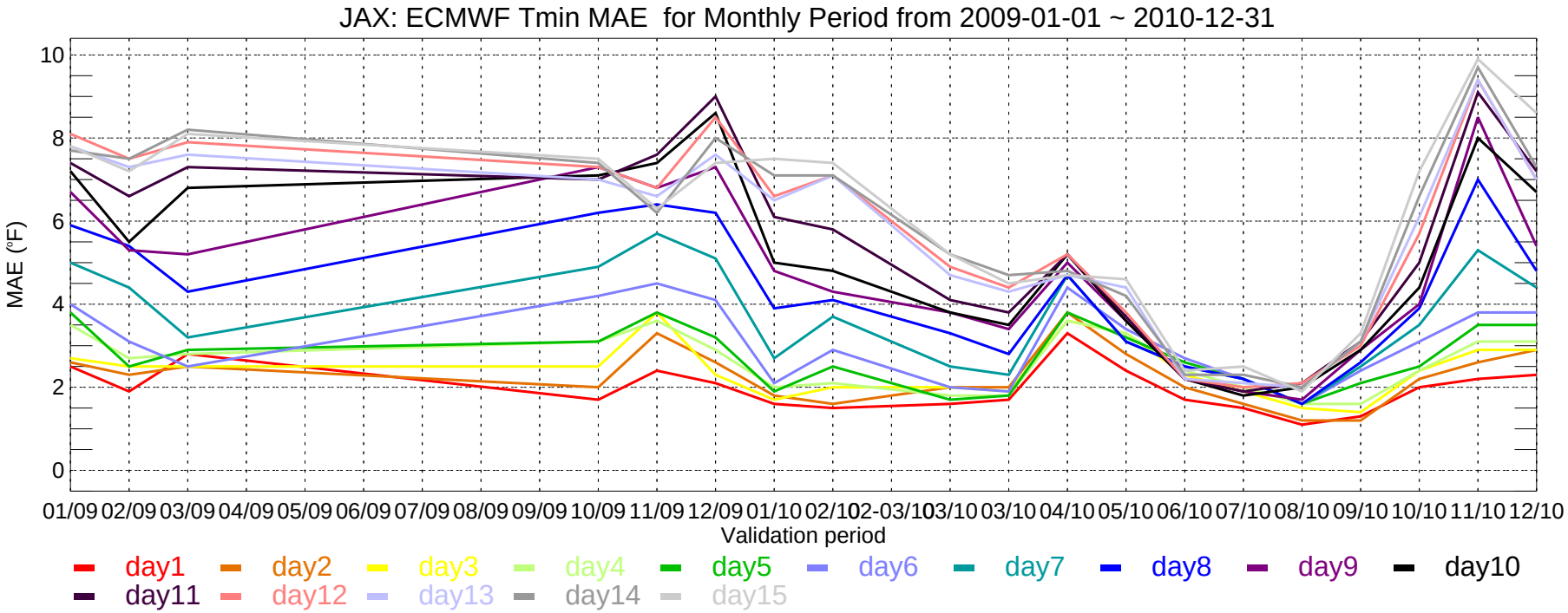

JAN: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

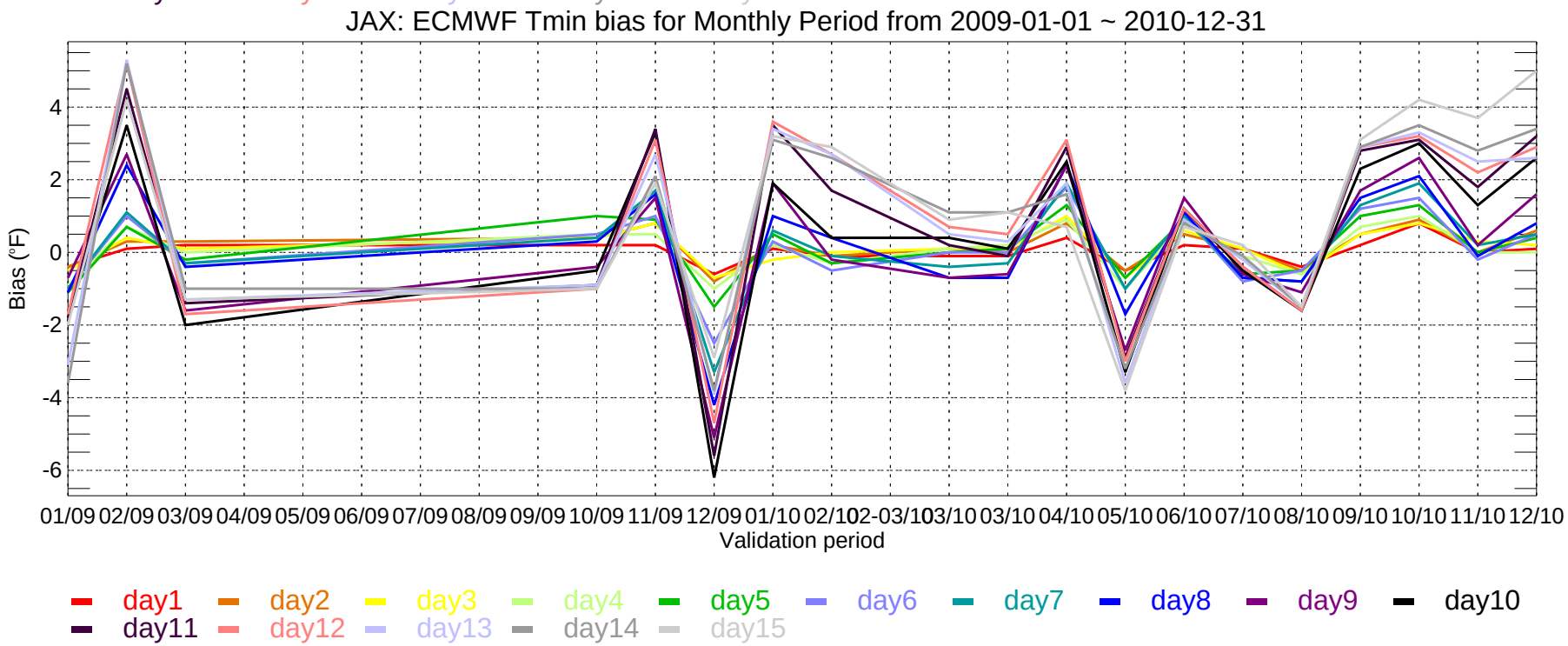

JAN: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

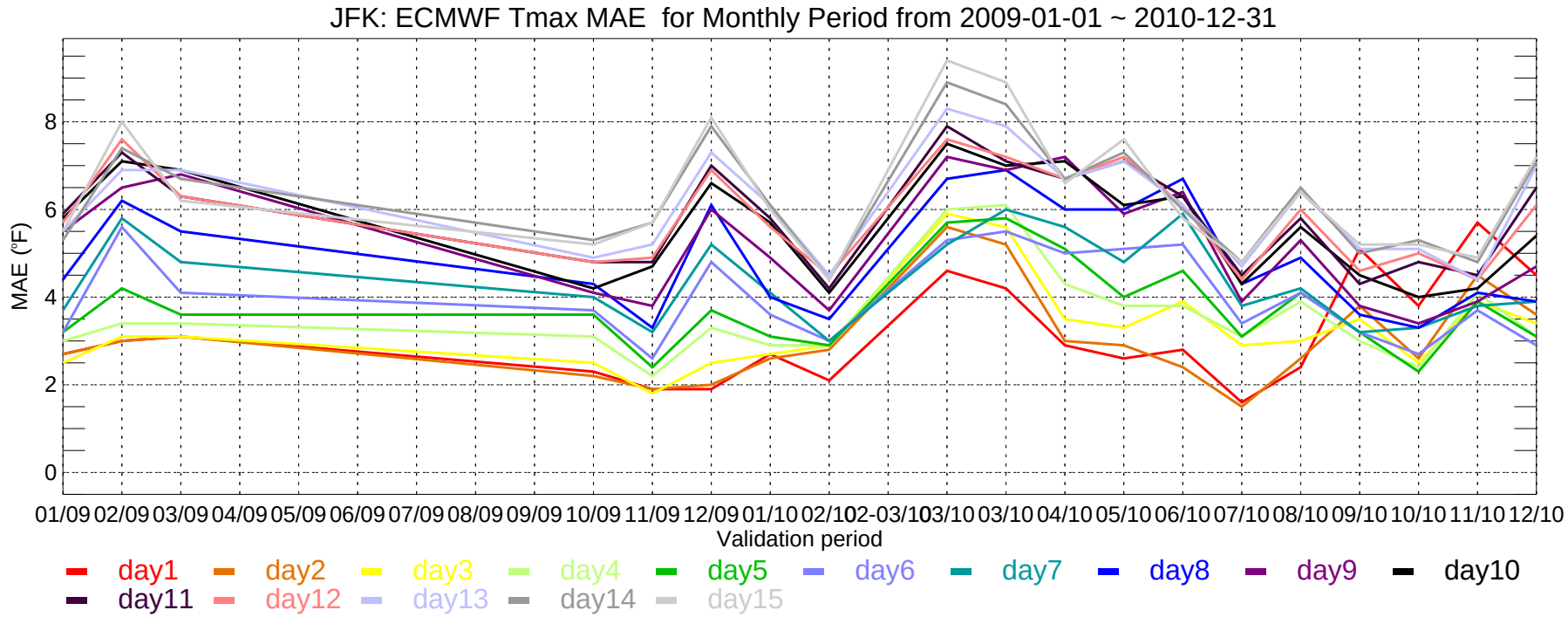

JAN: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

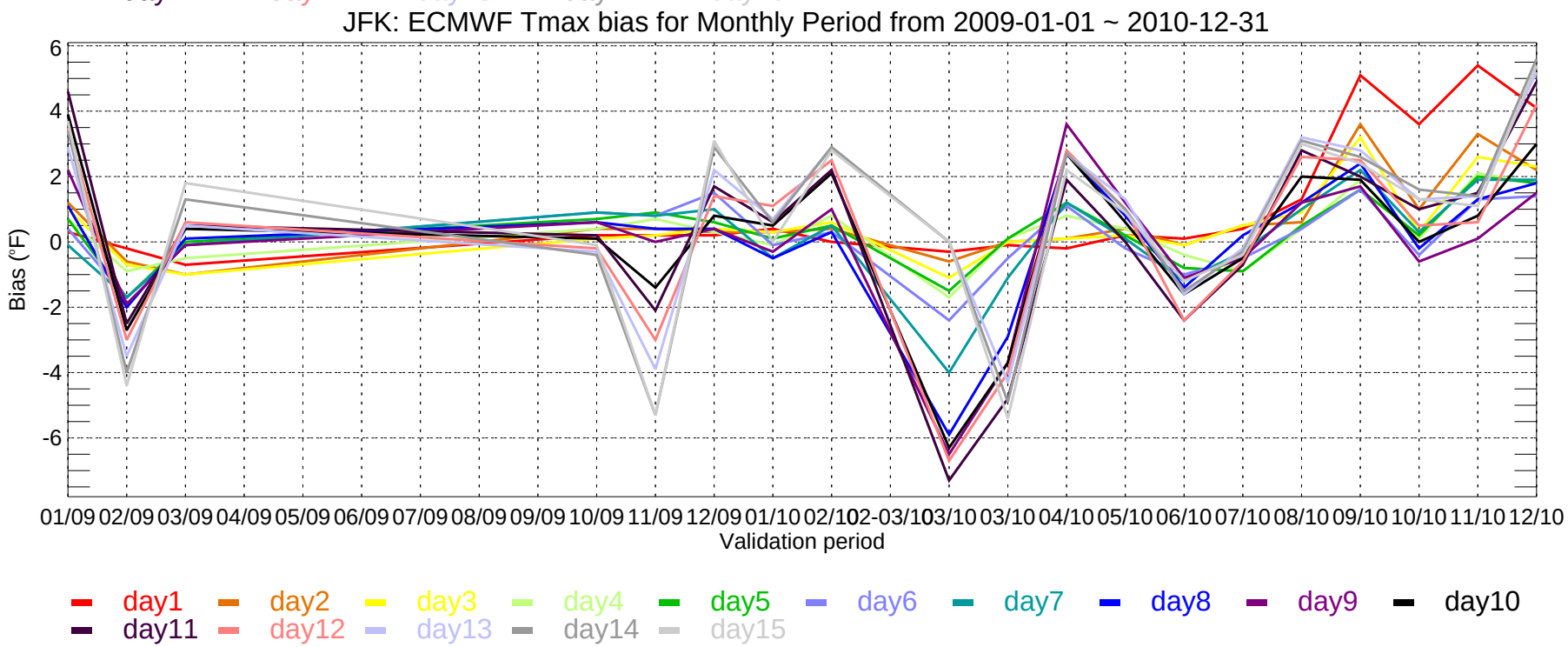

JAX: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

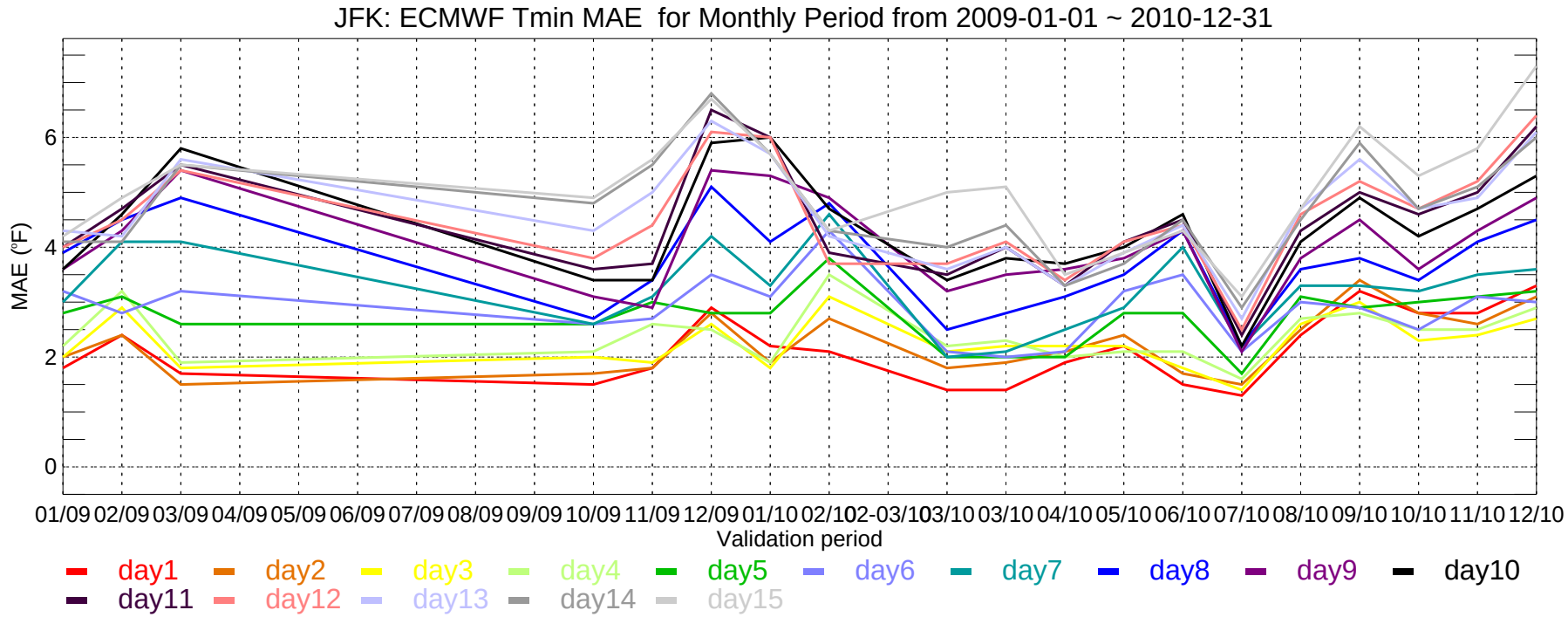

JAX: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

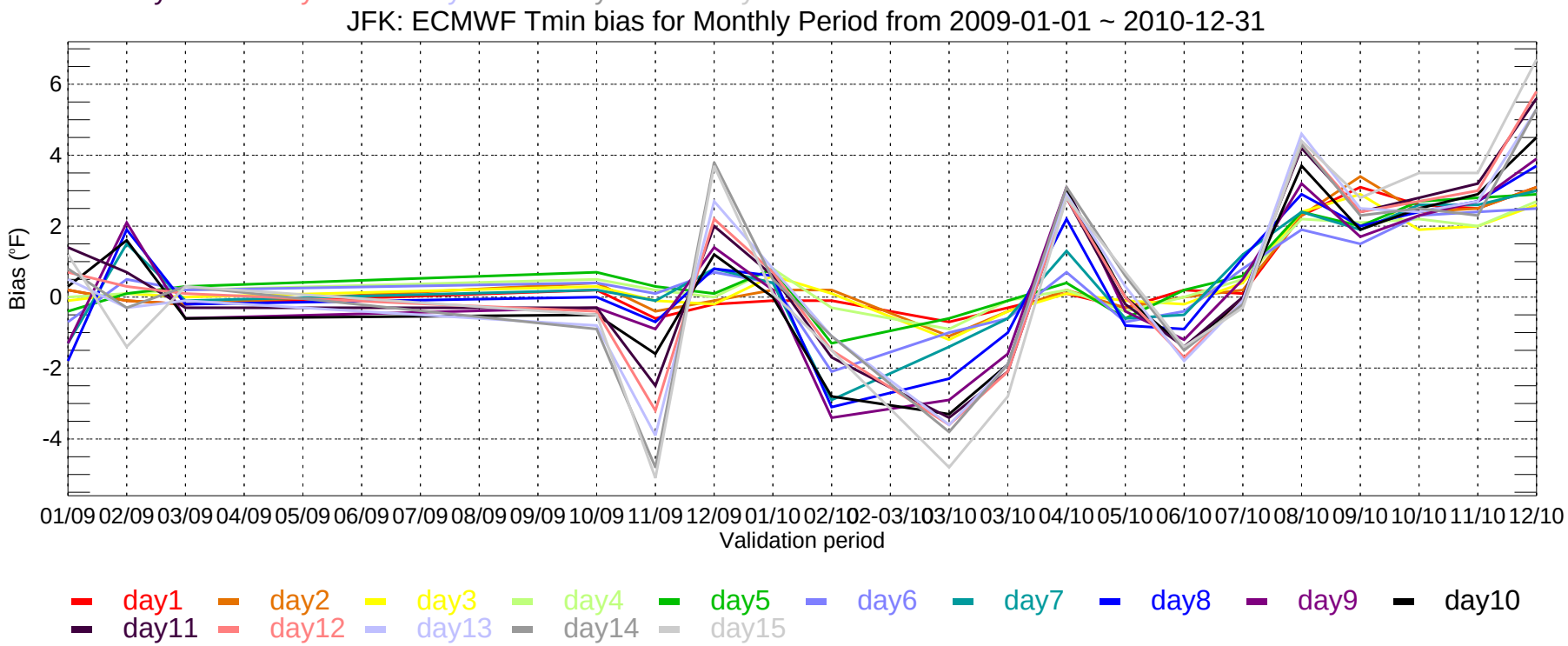

JAX: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

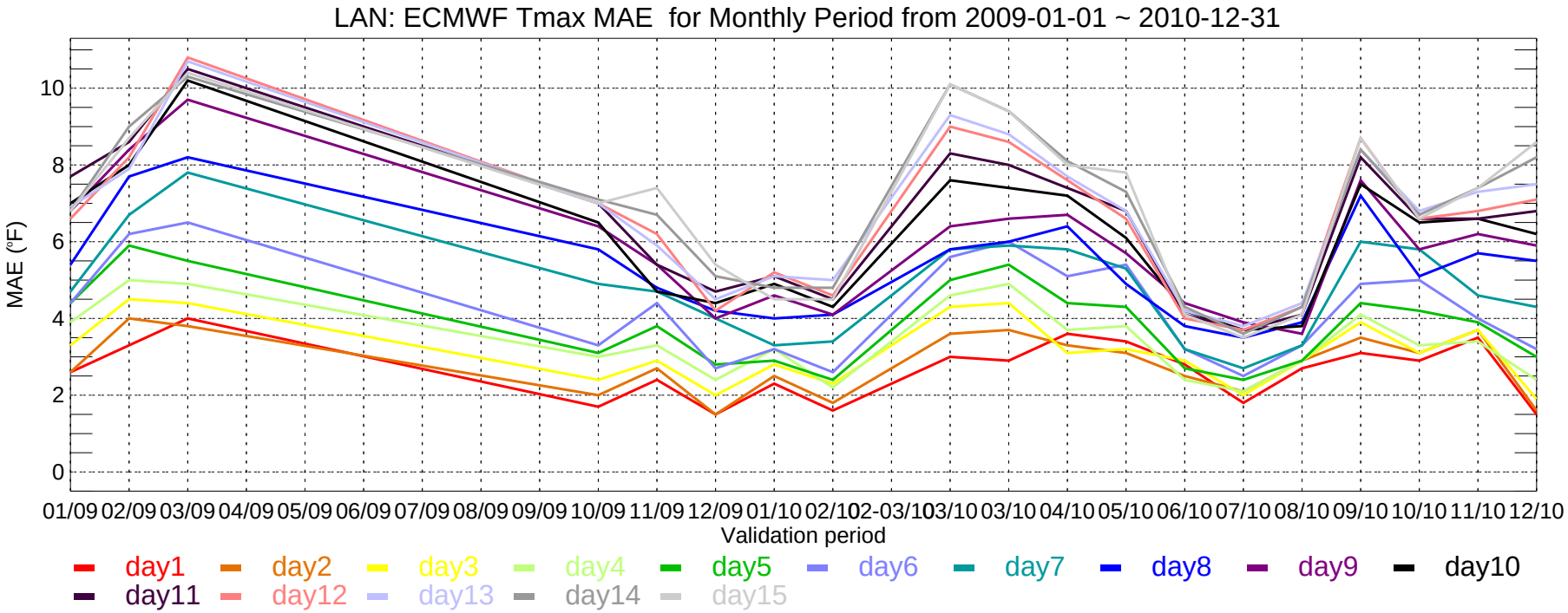

JAX: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

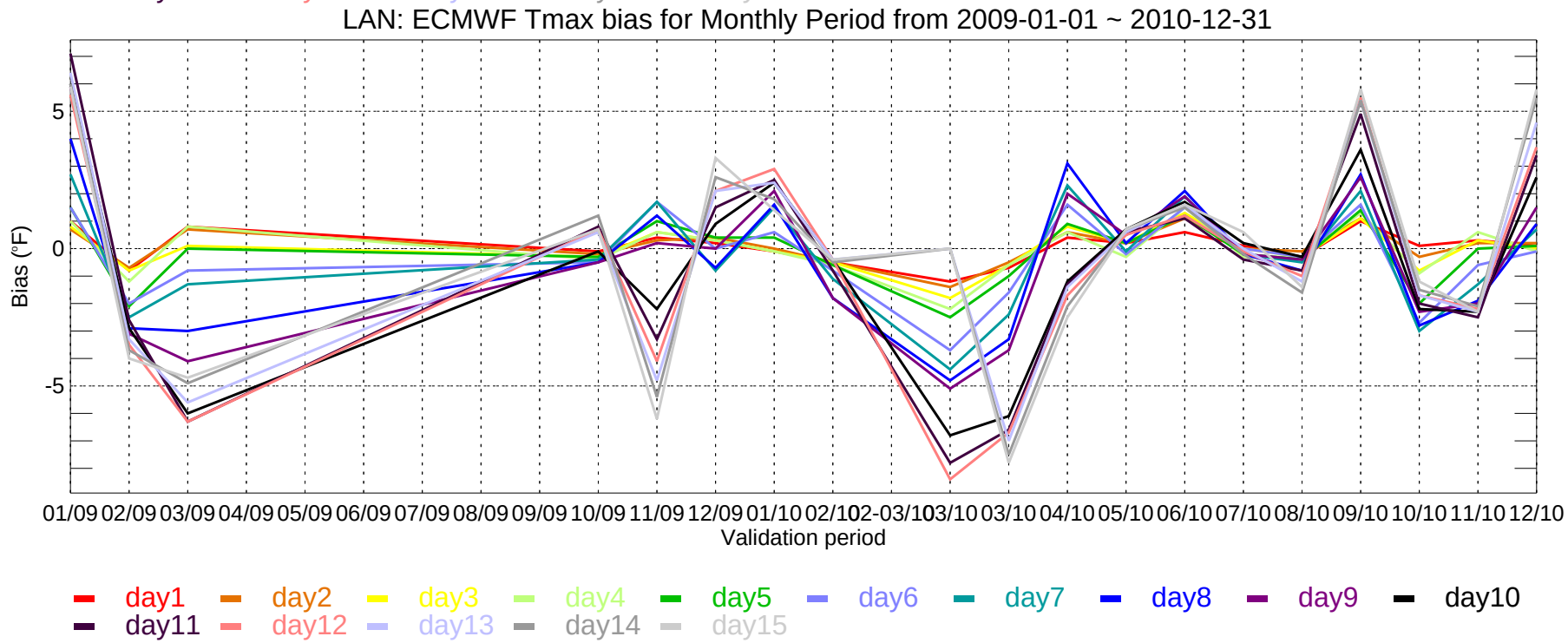

JFK: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

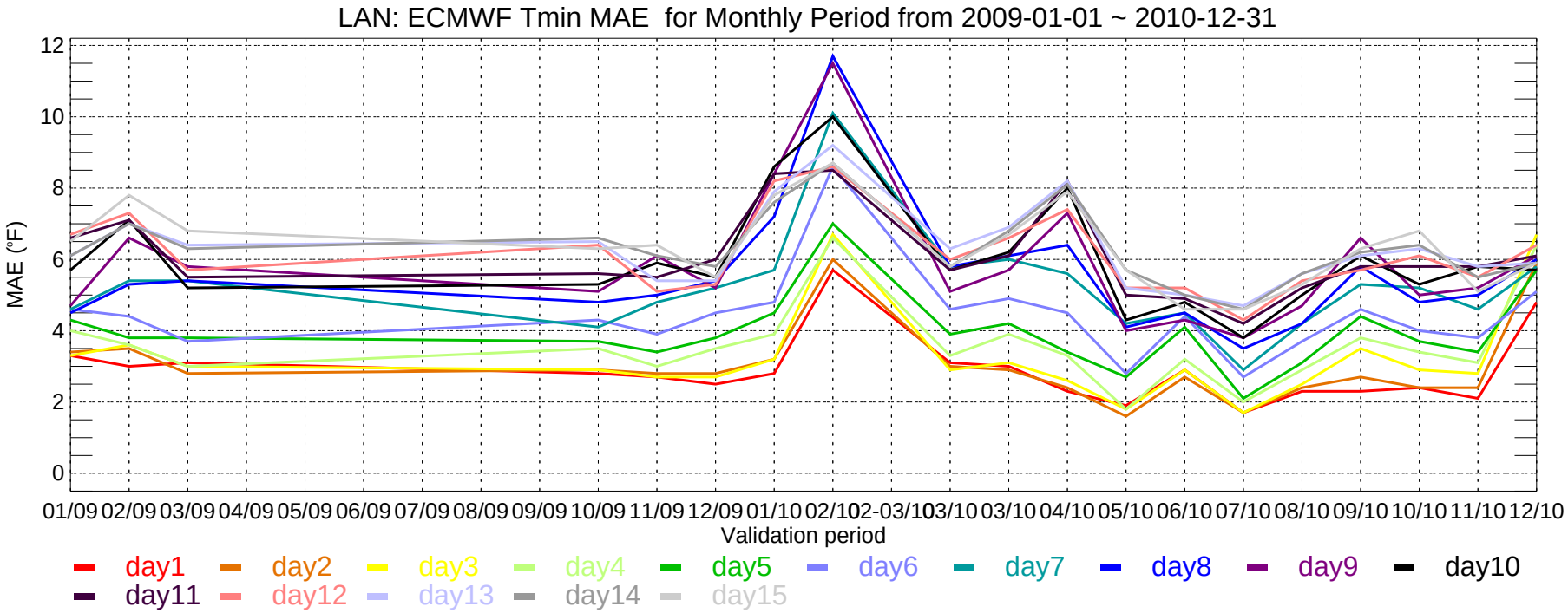

JFK: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

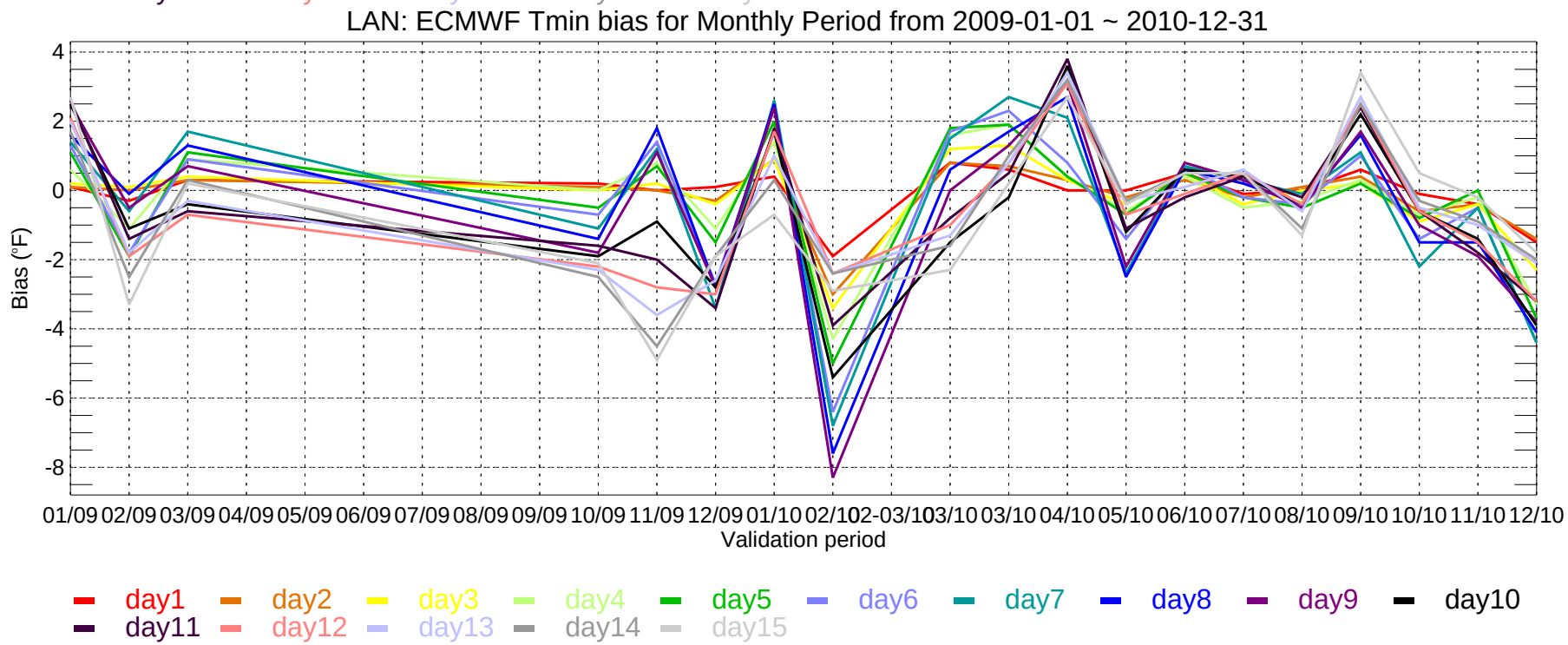

JFK: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

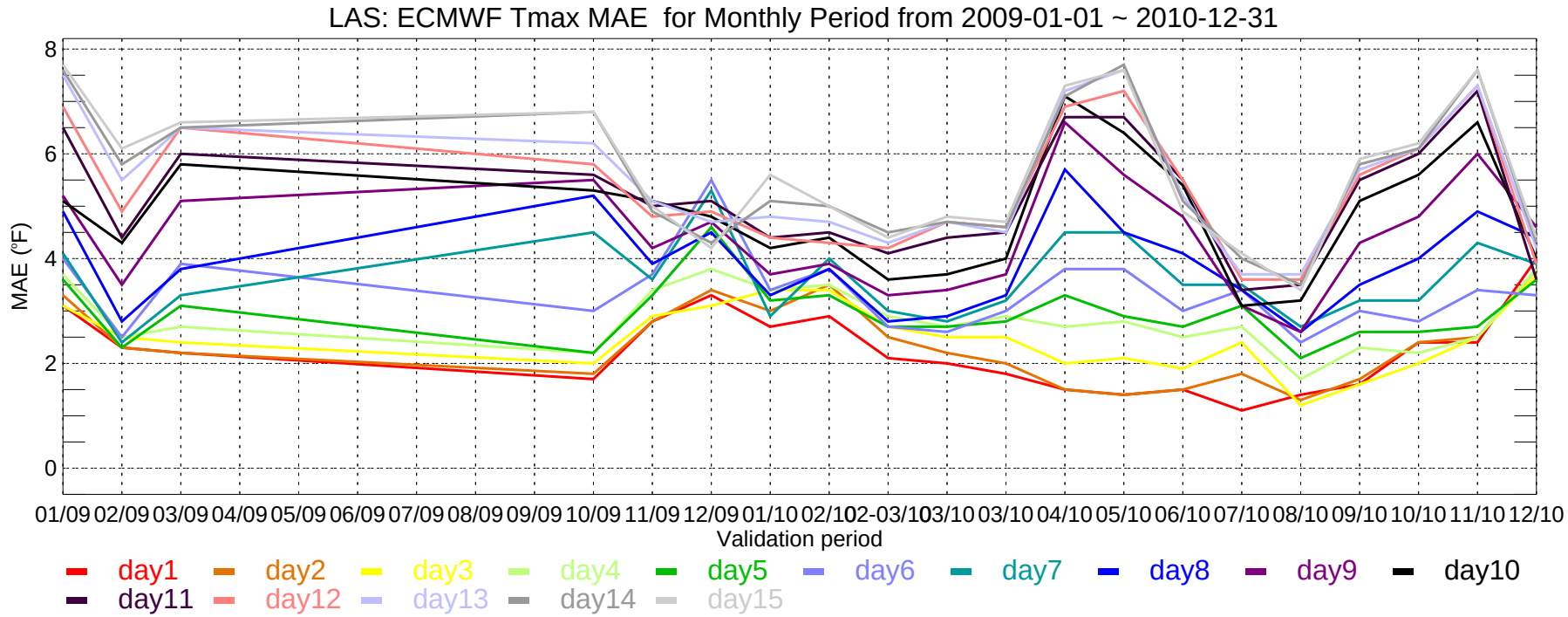

JFK: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

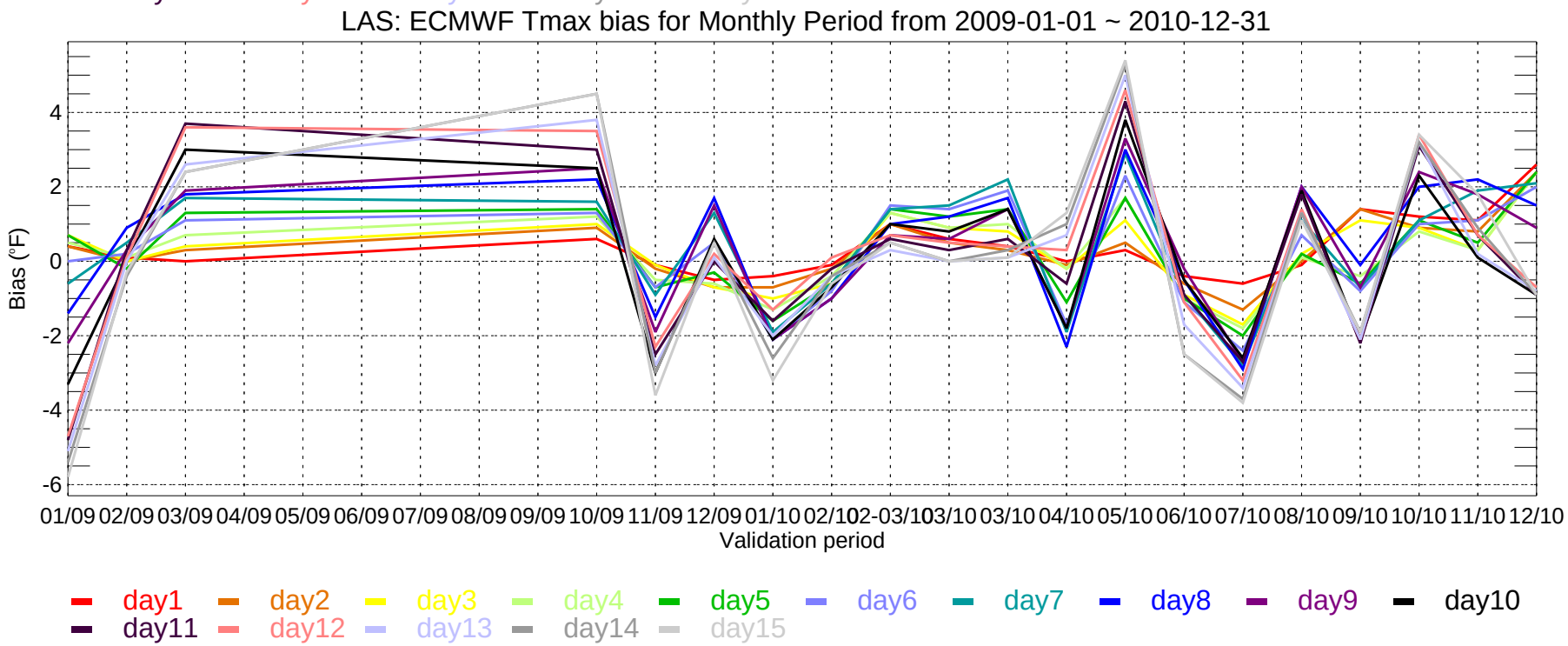

LAN: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

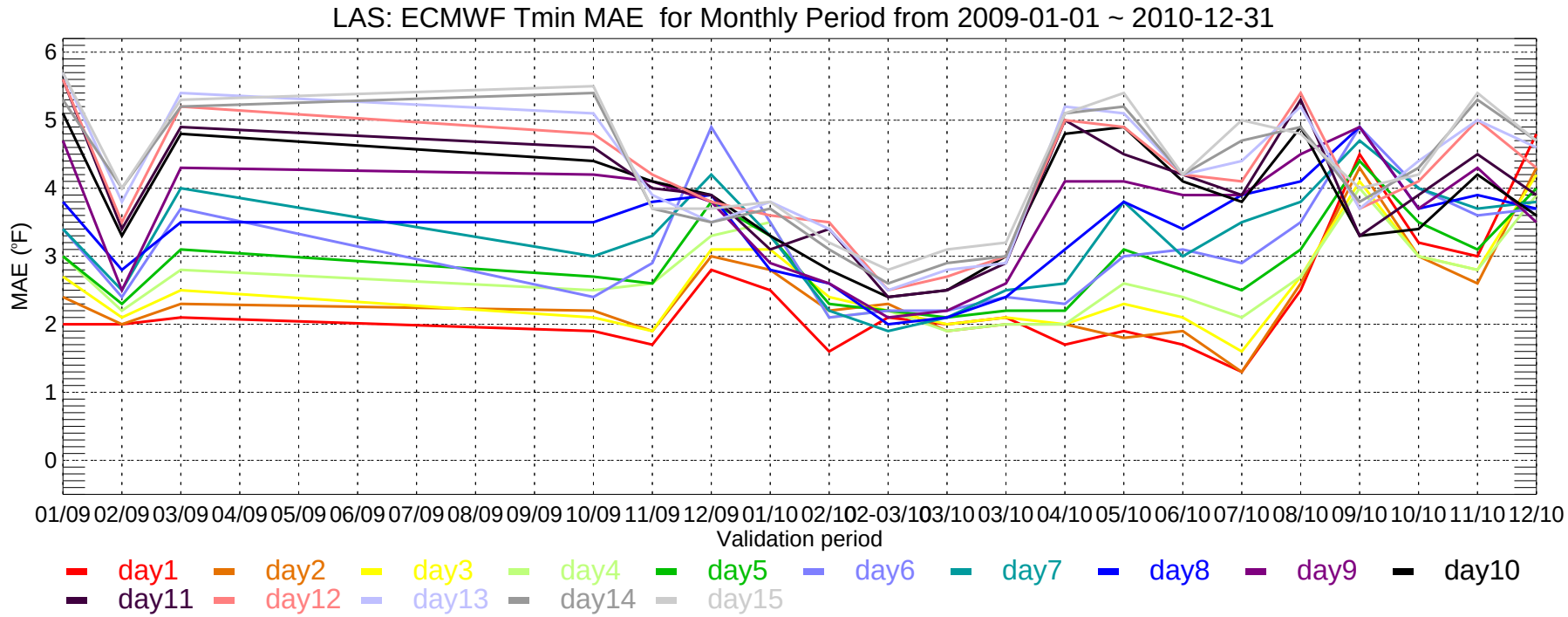

LAN: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

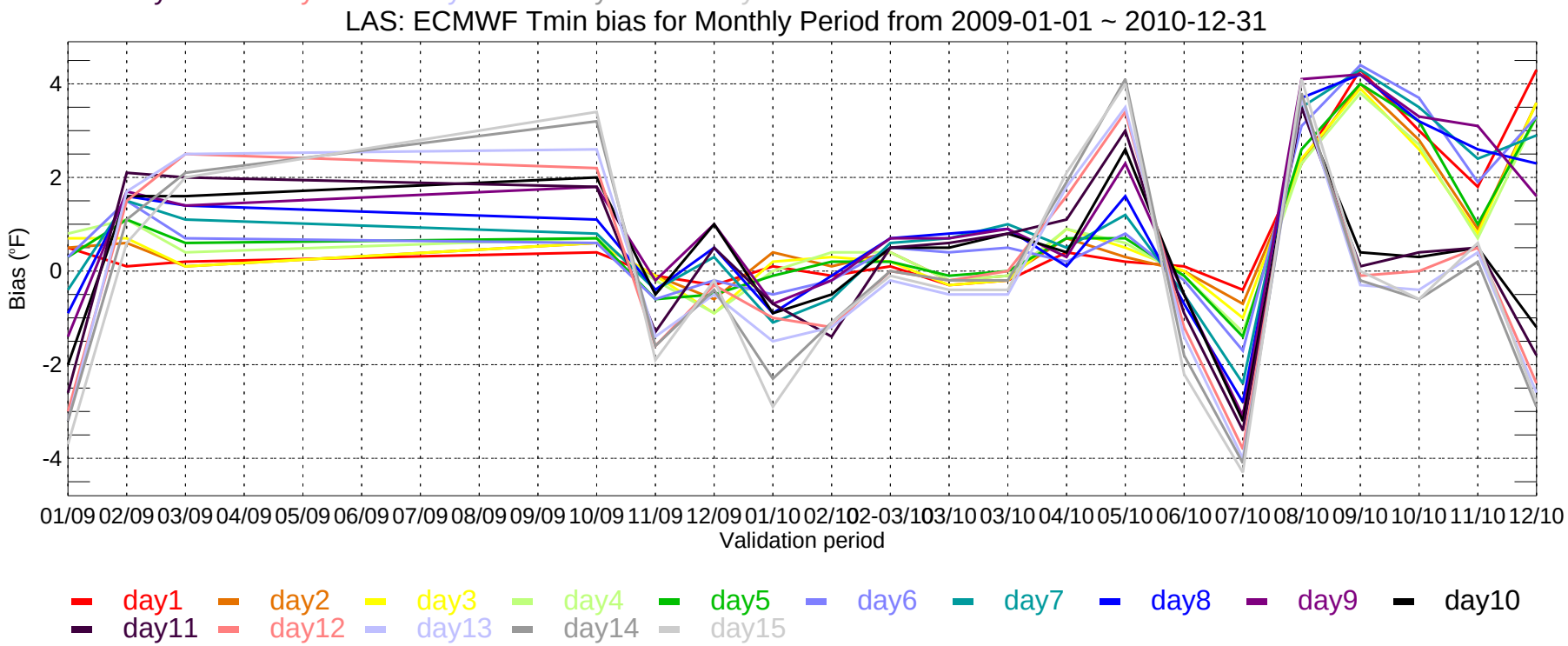

LAN: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

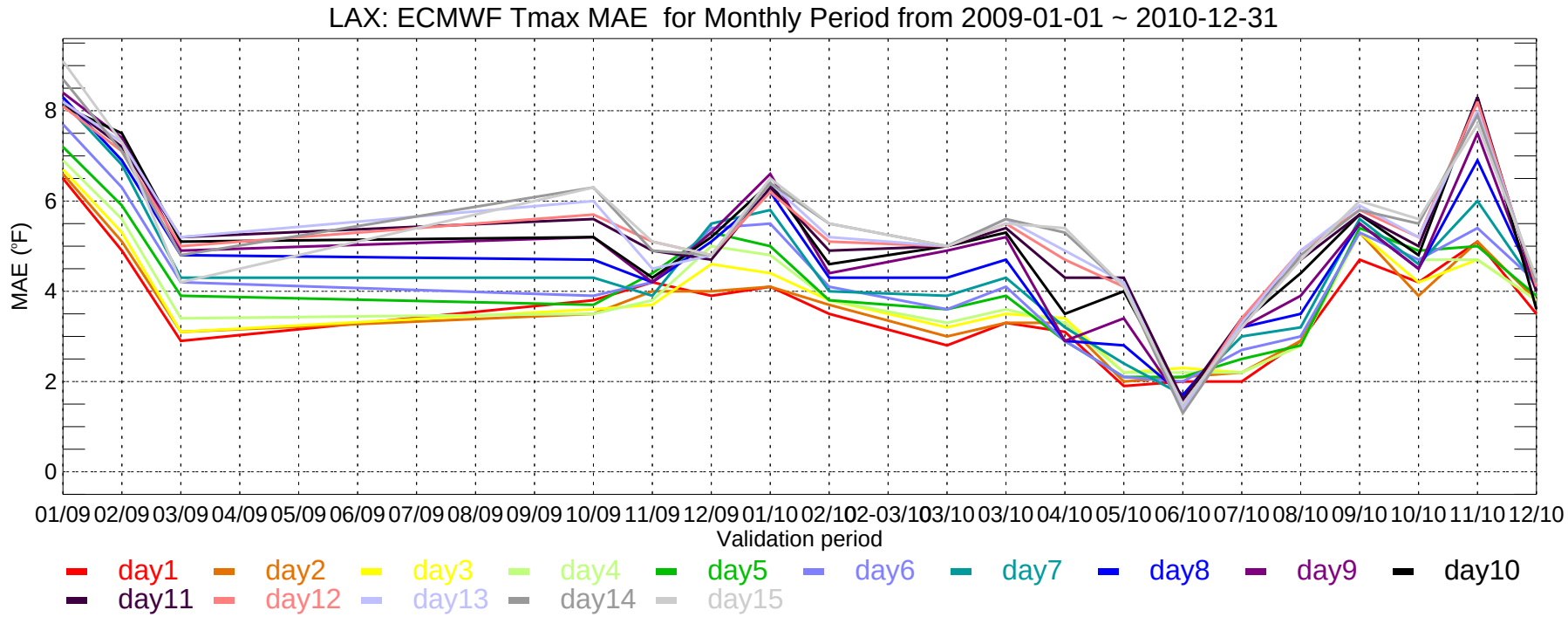

LAN: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

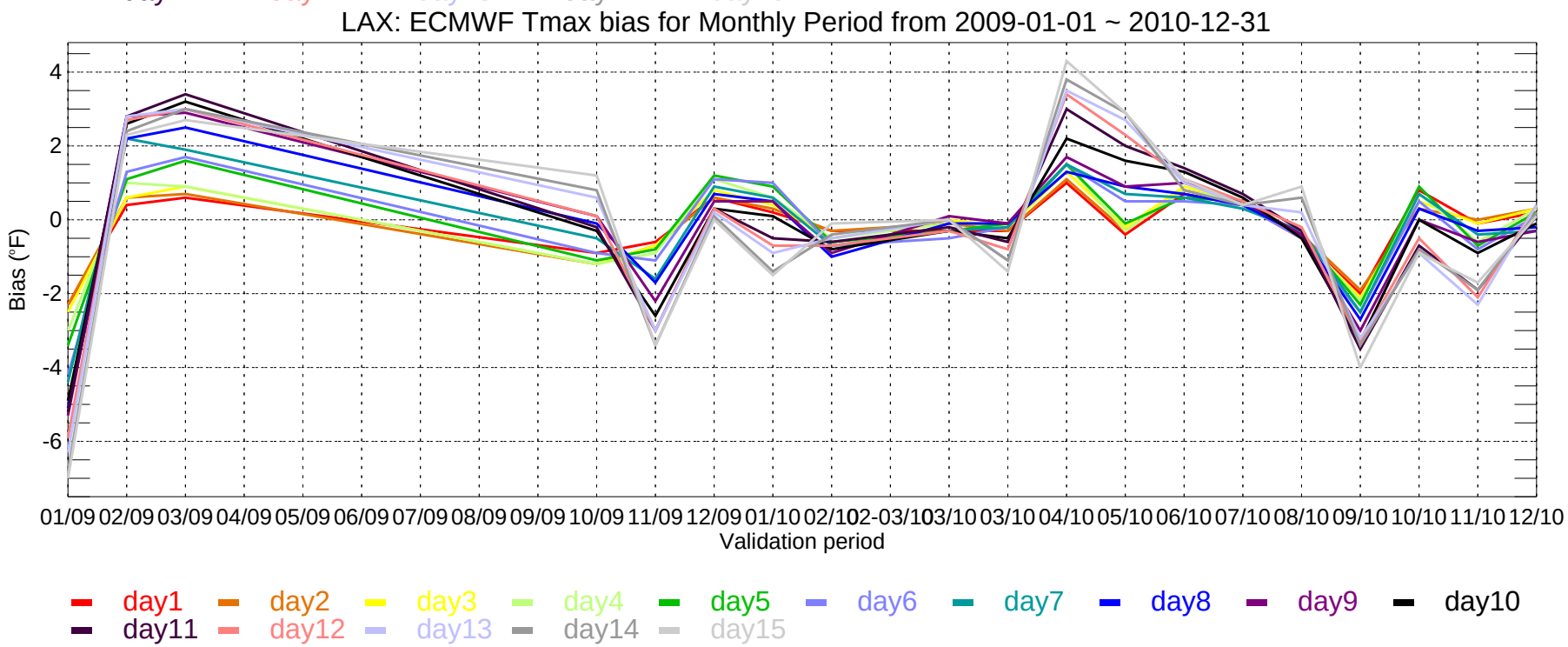

LAS: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

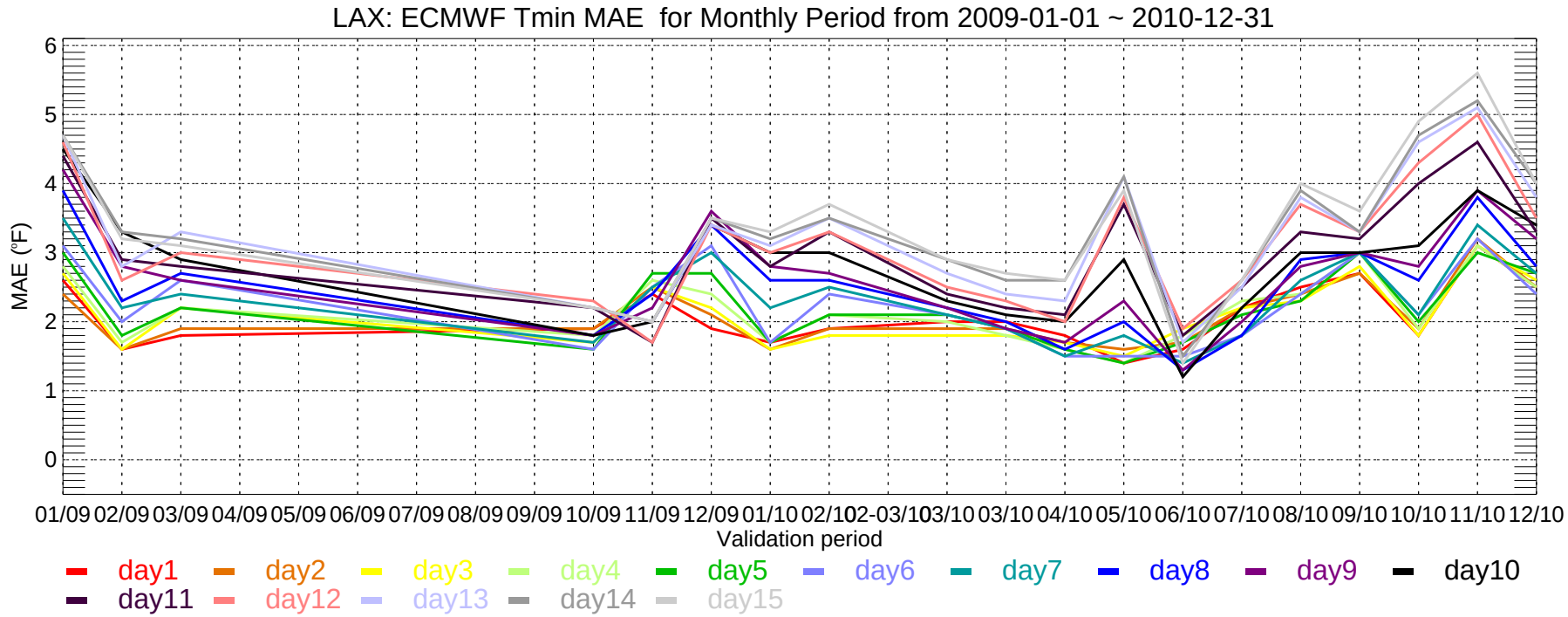

LAS: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

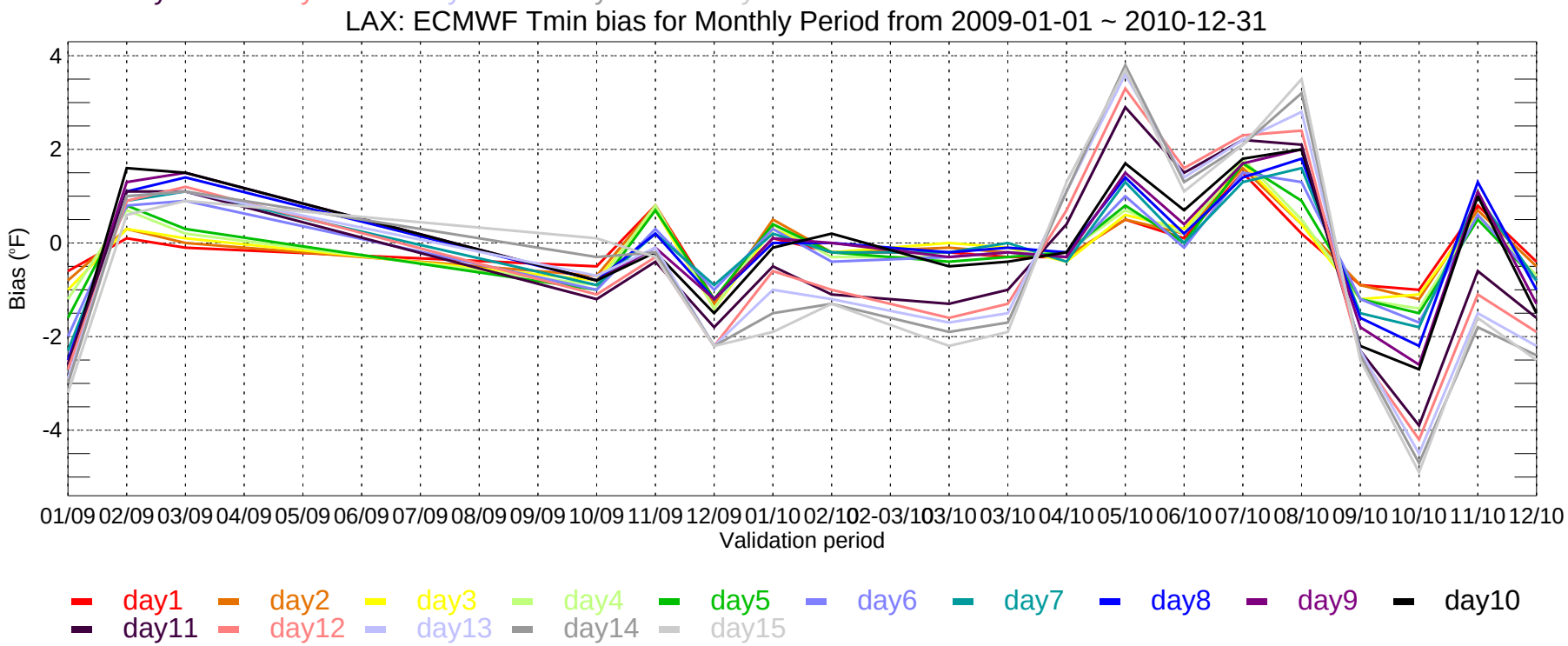

LAS: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
1
2
3
4
5
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

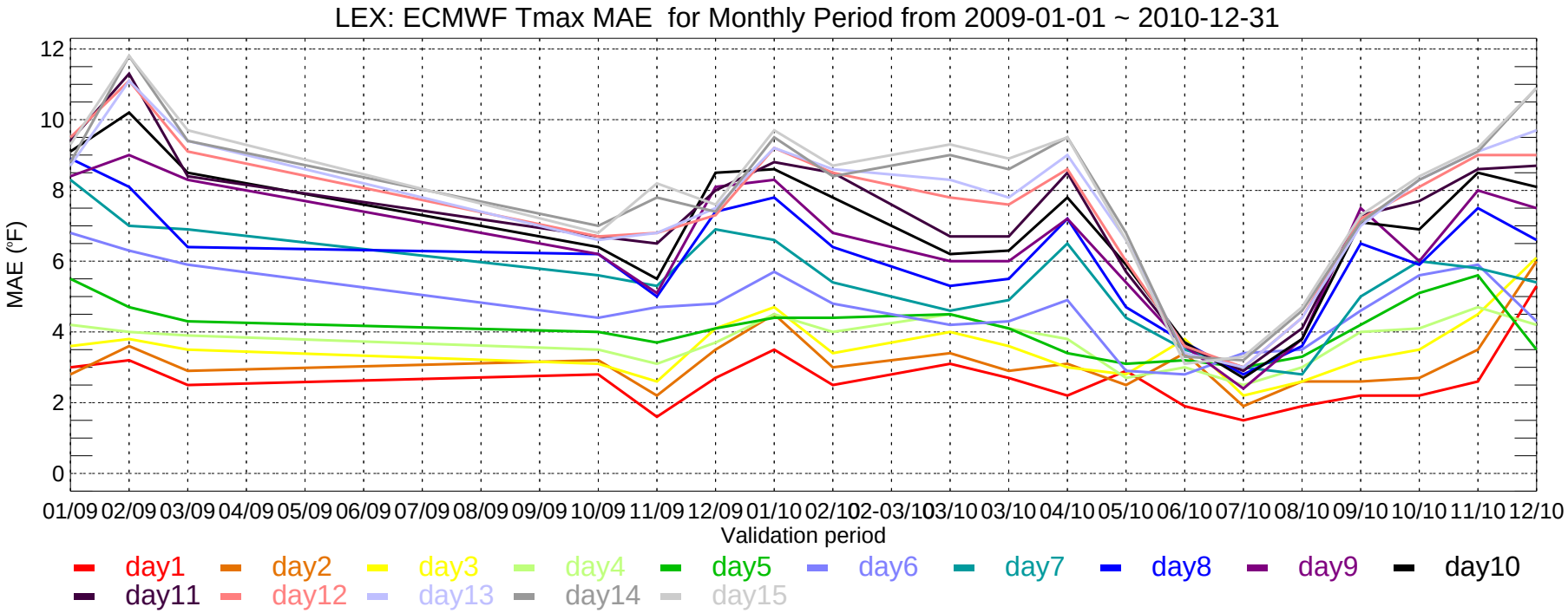

LAS: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

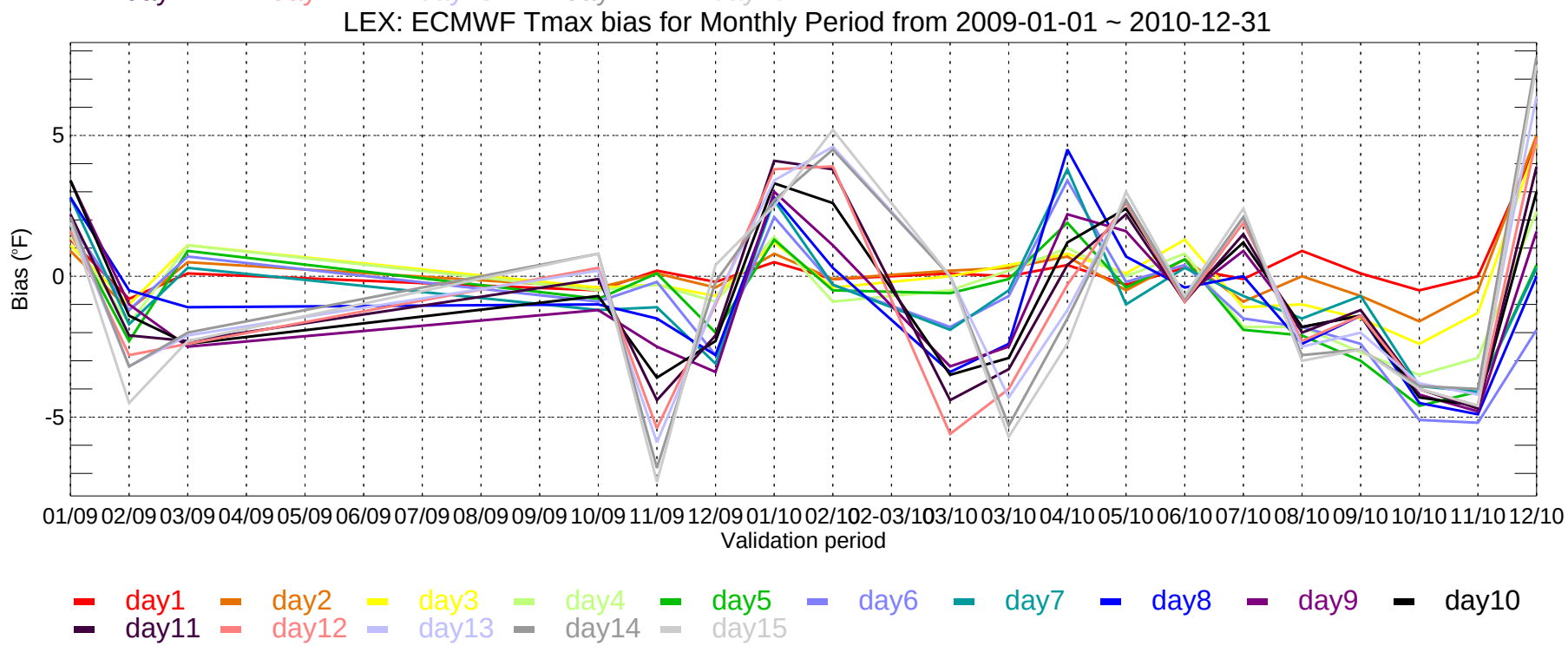

LAX: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

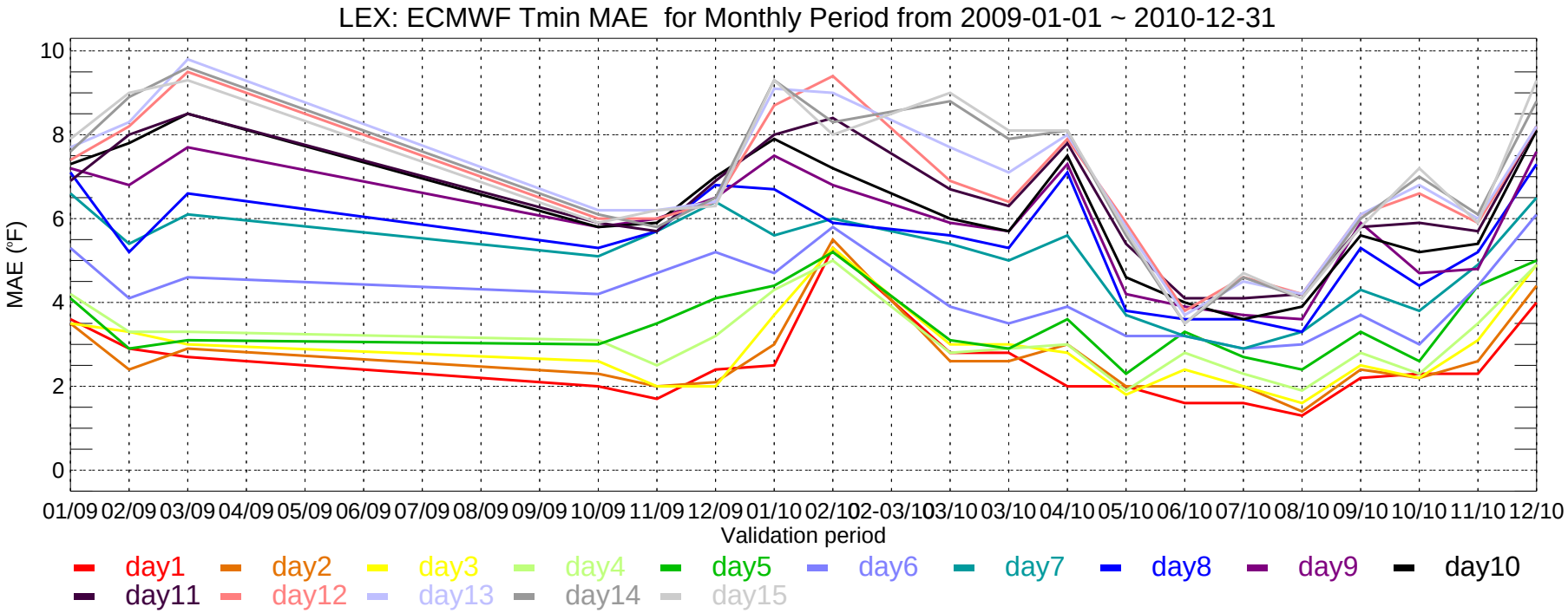

LAX: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

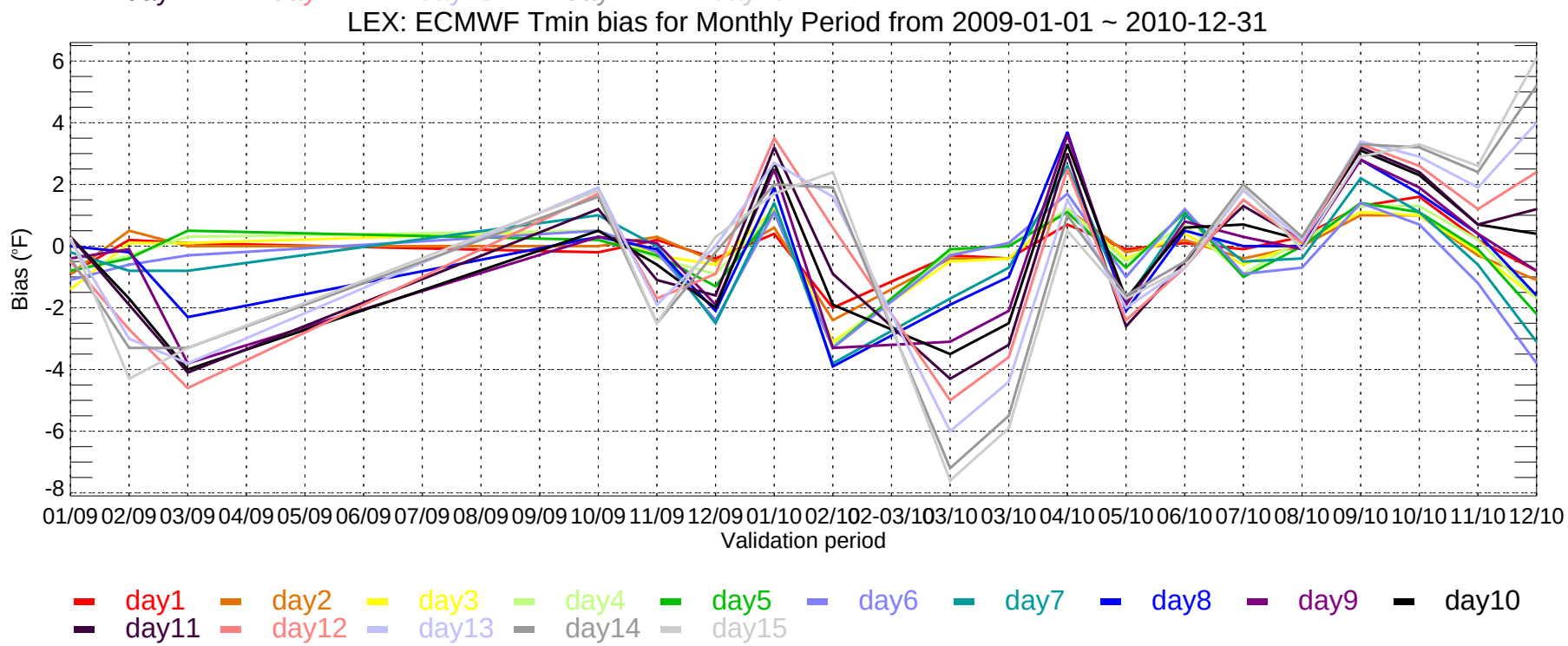

LAX: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
1
2
3
4
5
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

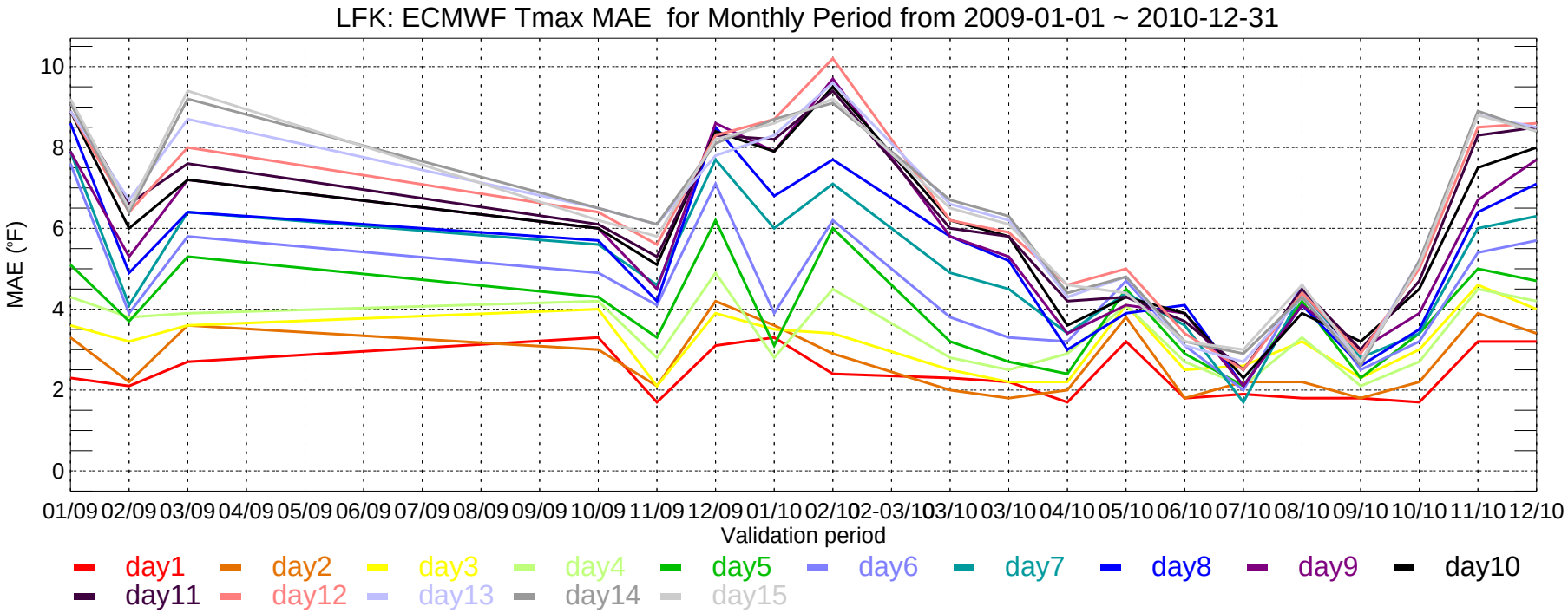

LAX: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

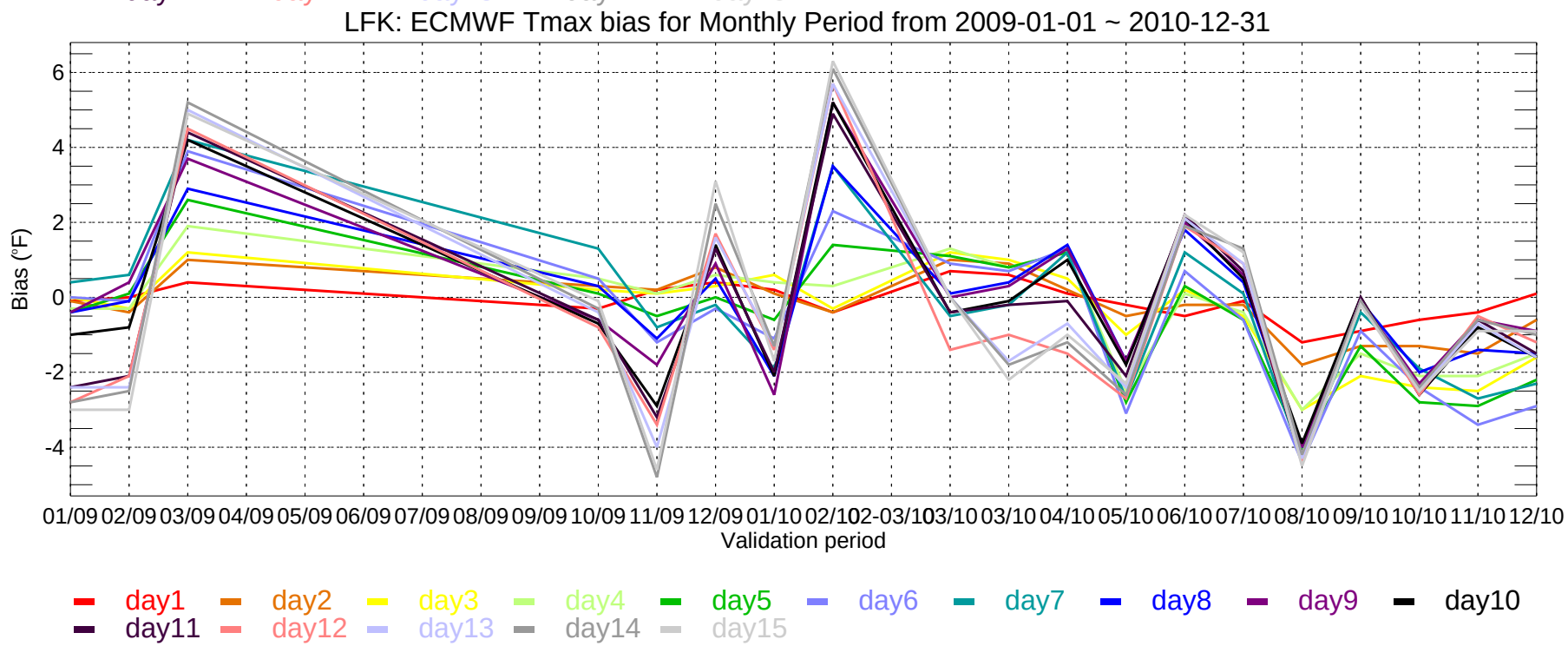

LEX: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

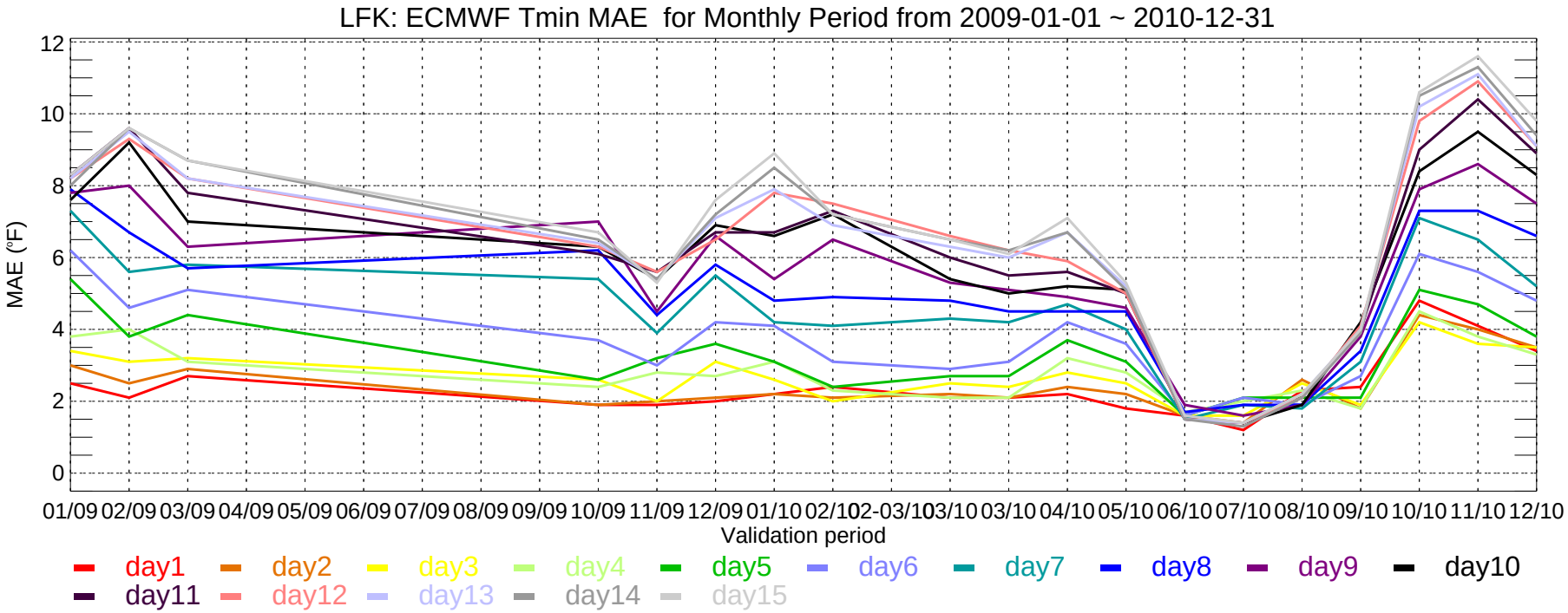

LEX: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

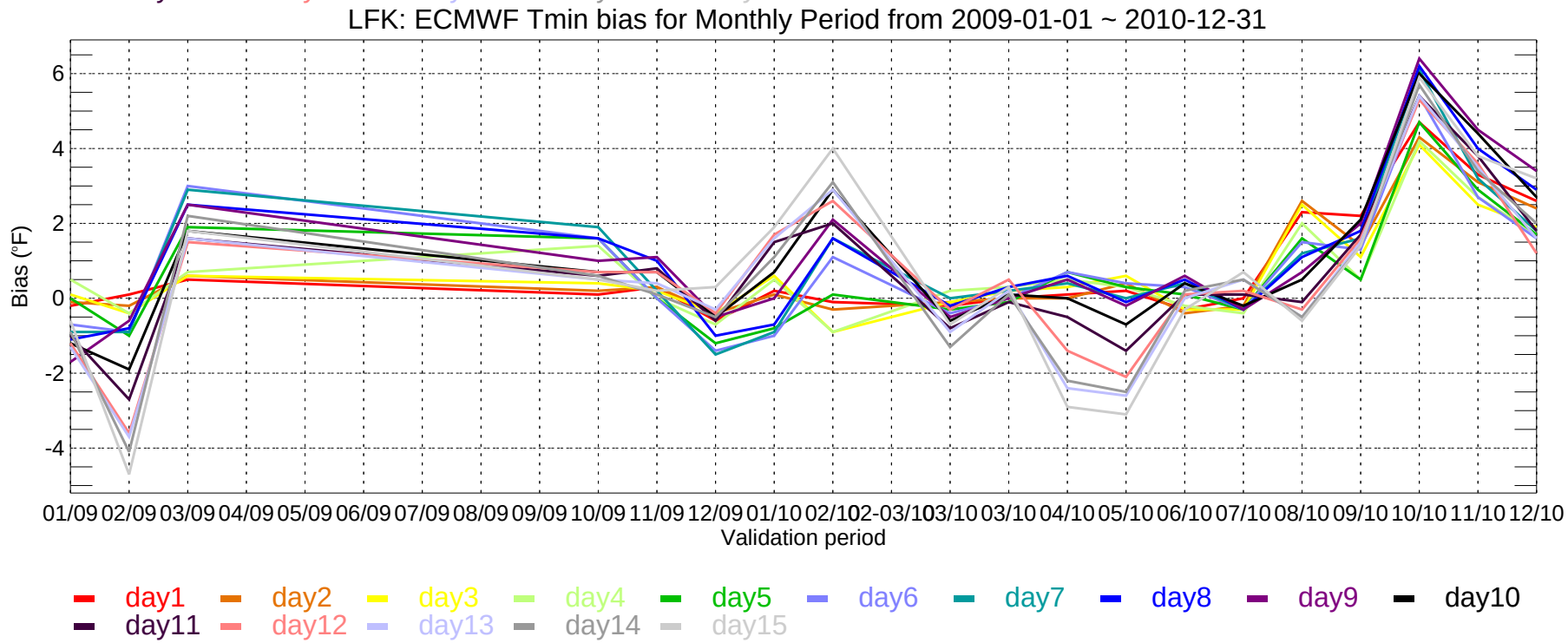

LEX: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

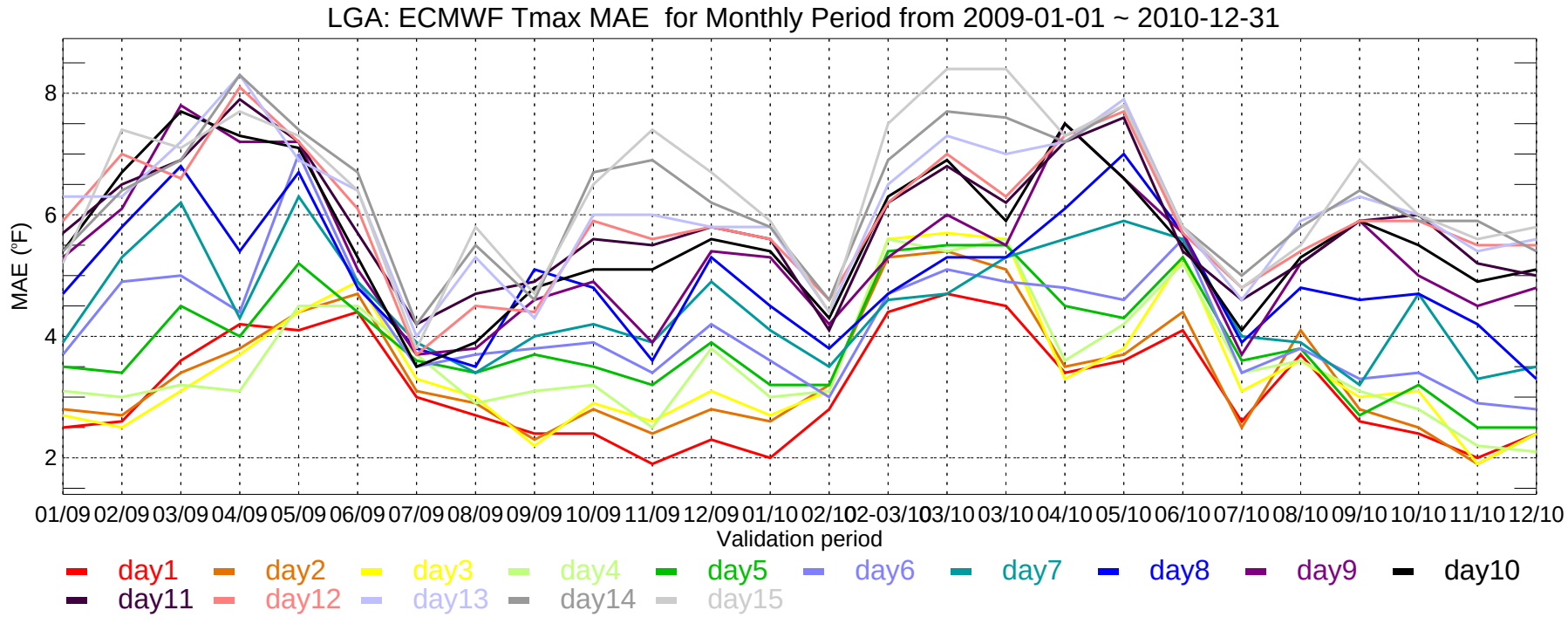

LEX: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

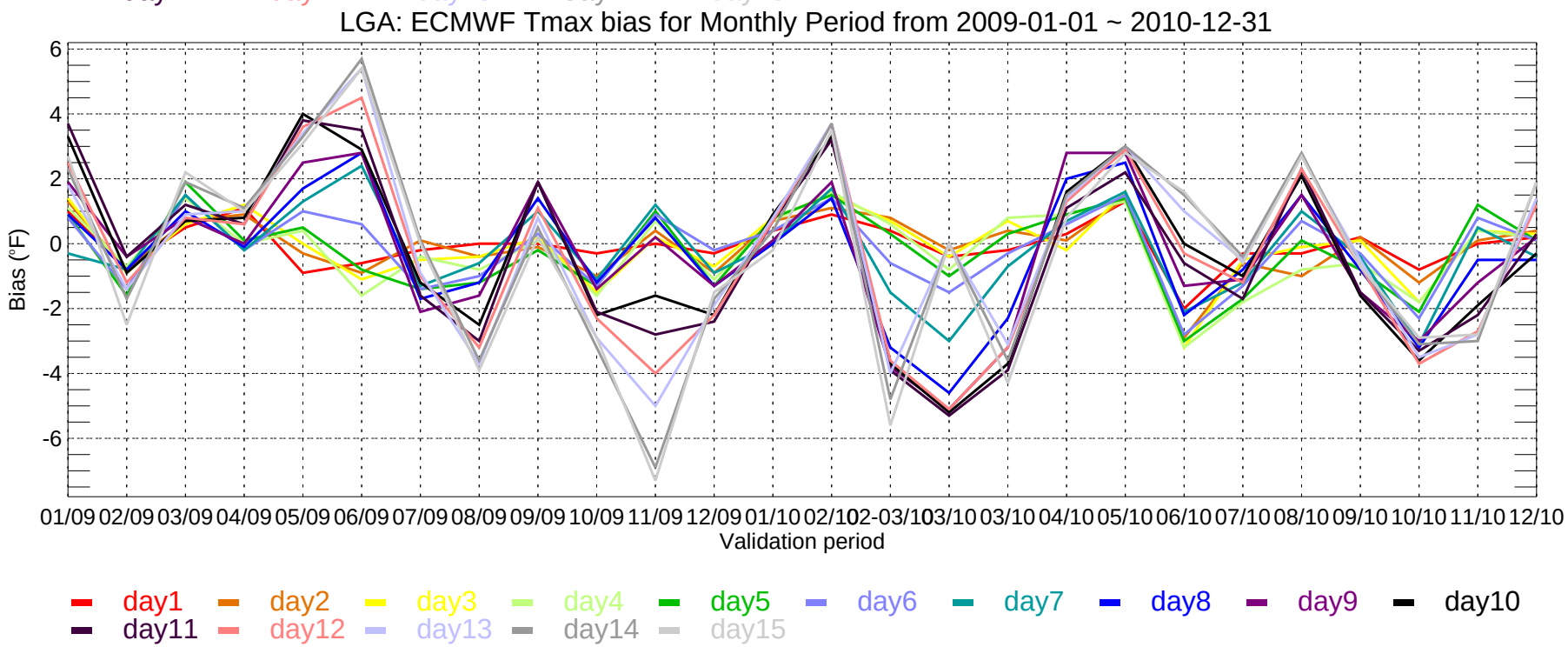

LFK: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

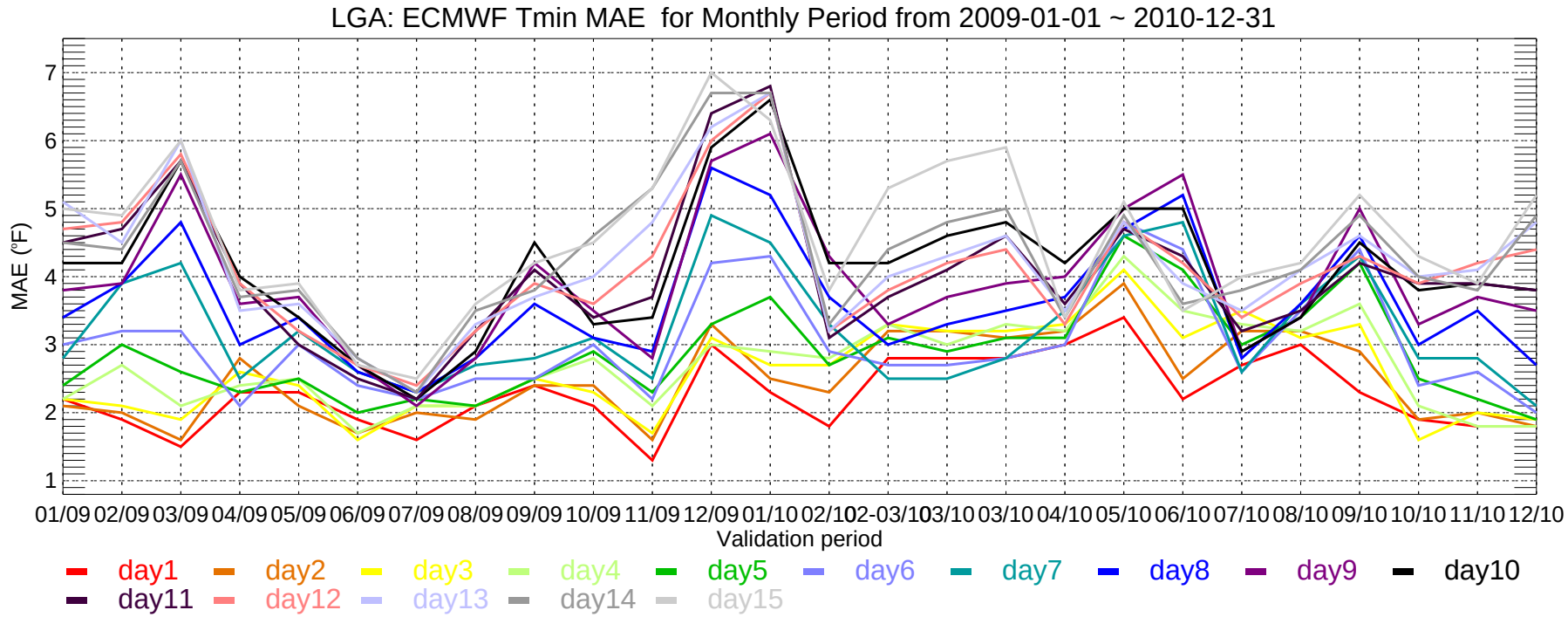

LFK: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

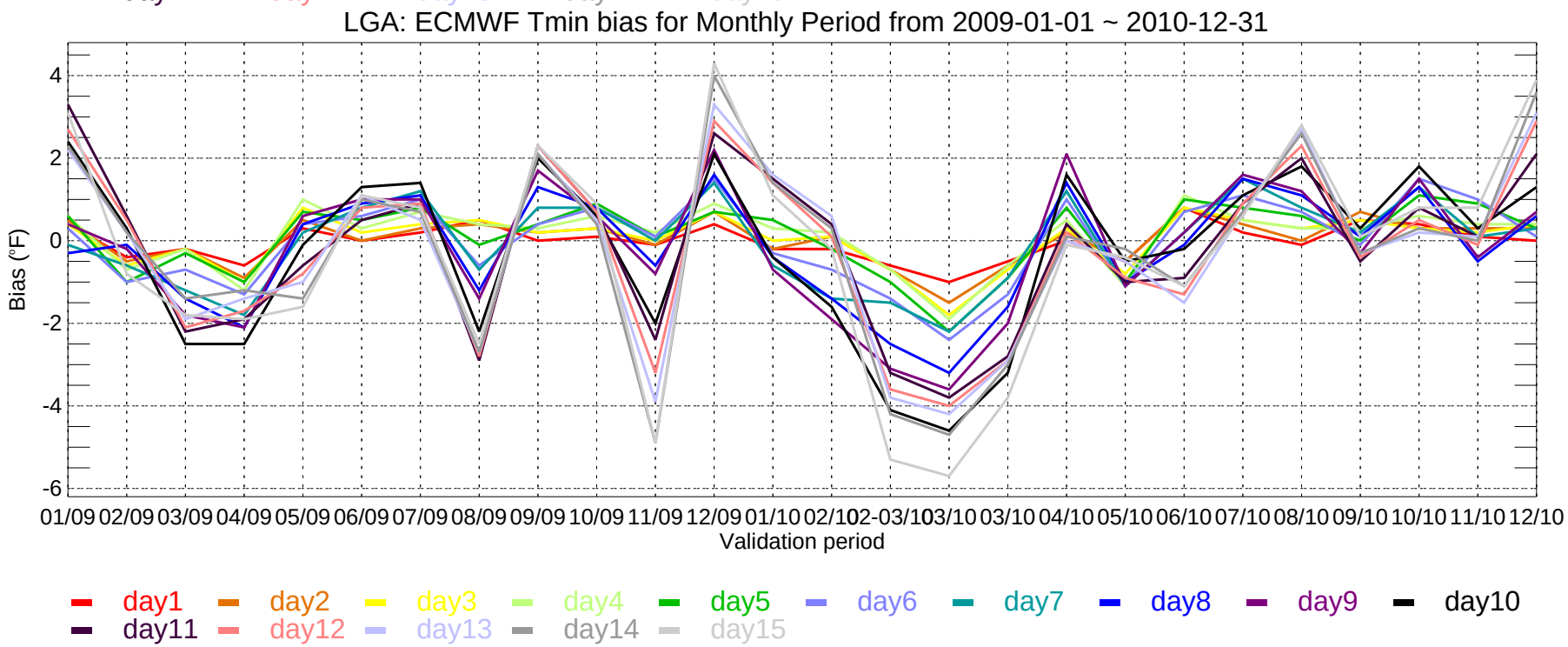

LFK: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

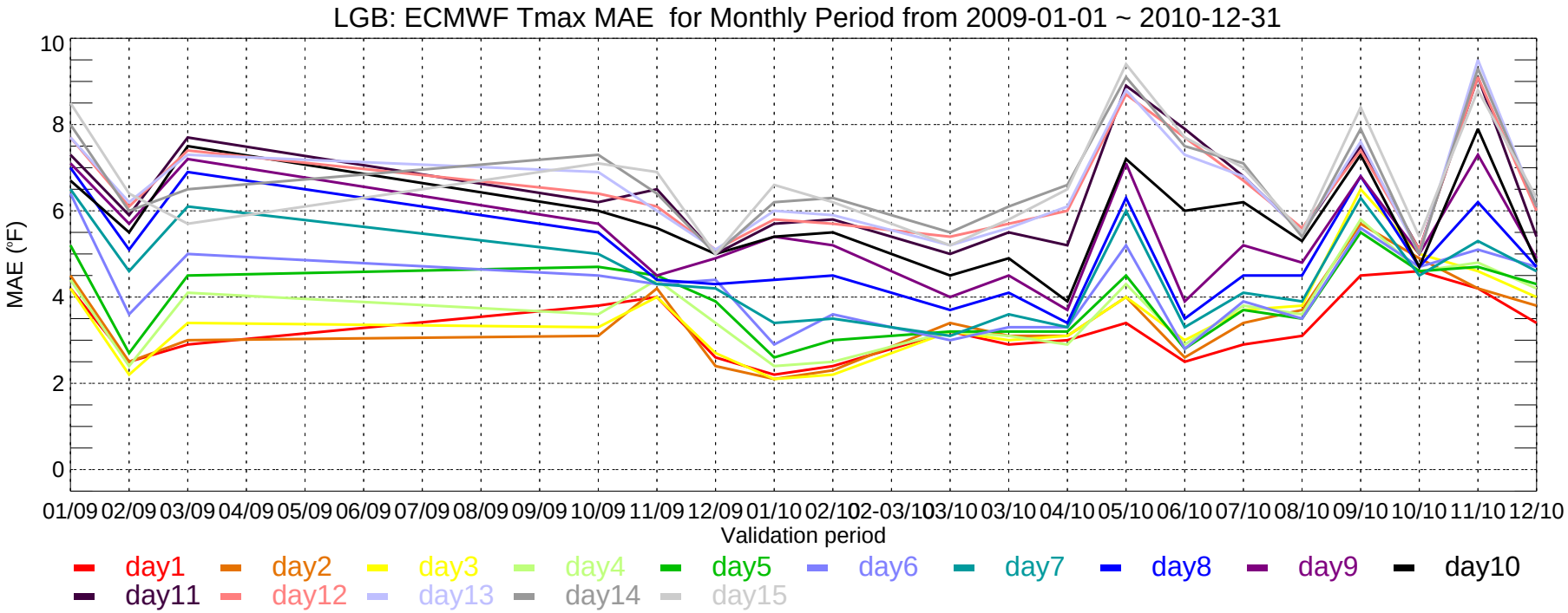

LFK: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

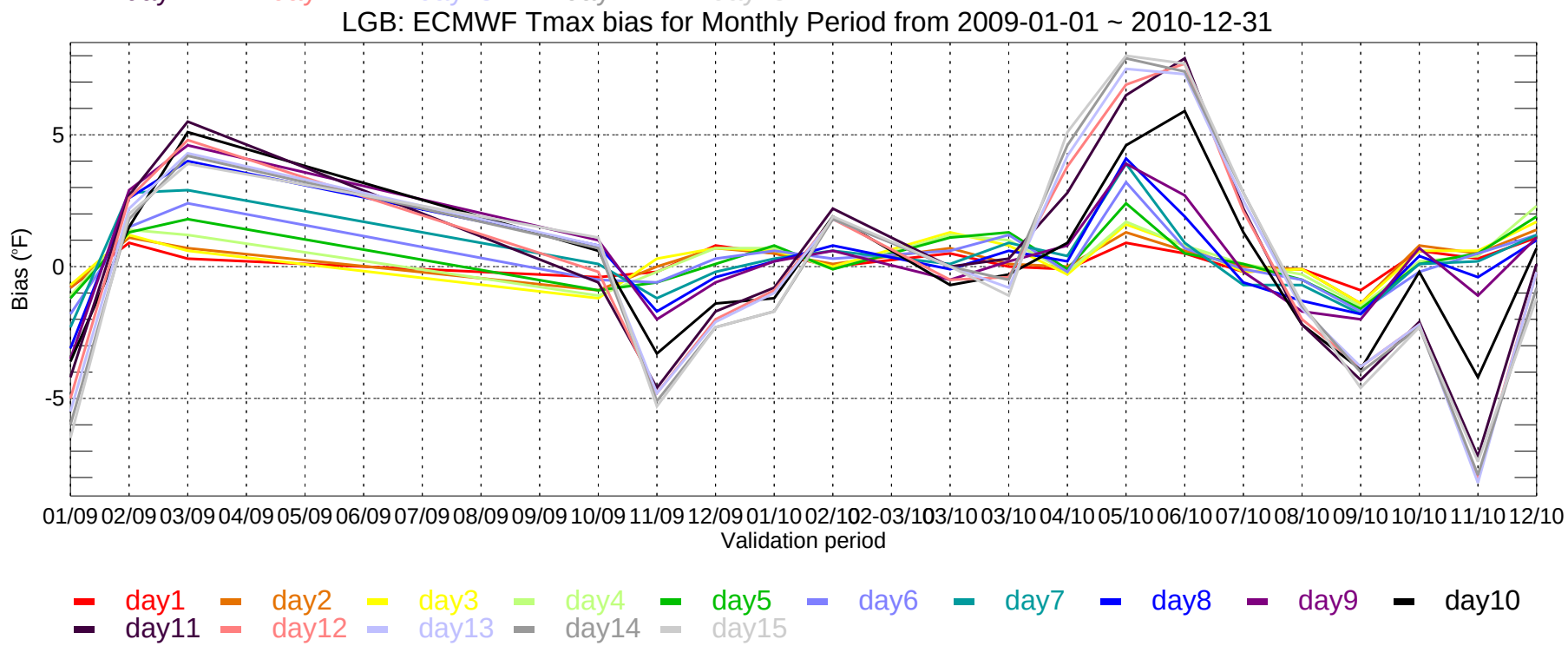

LGA: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

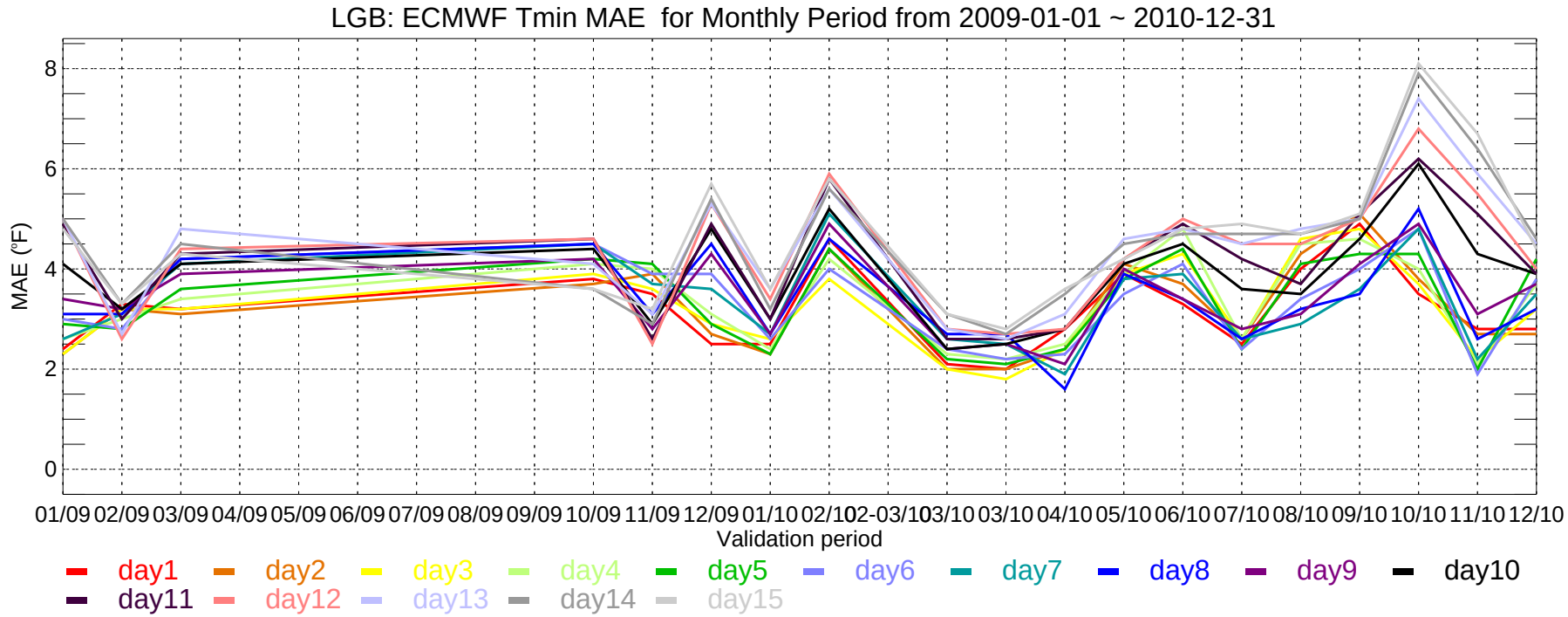

LGA: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

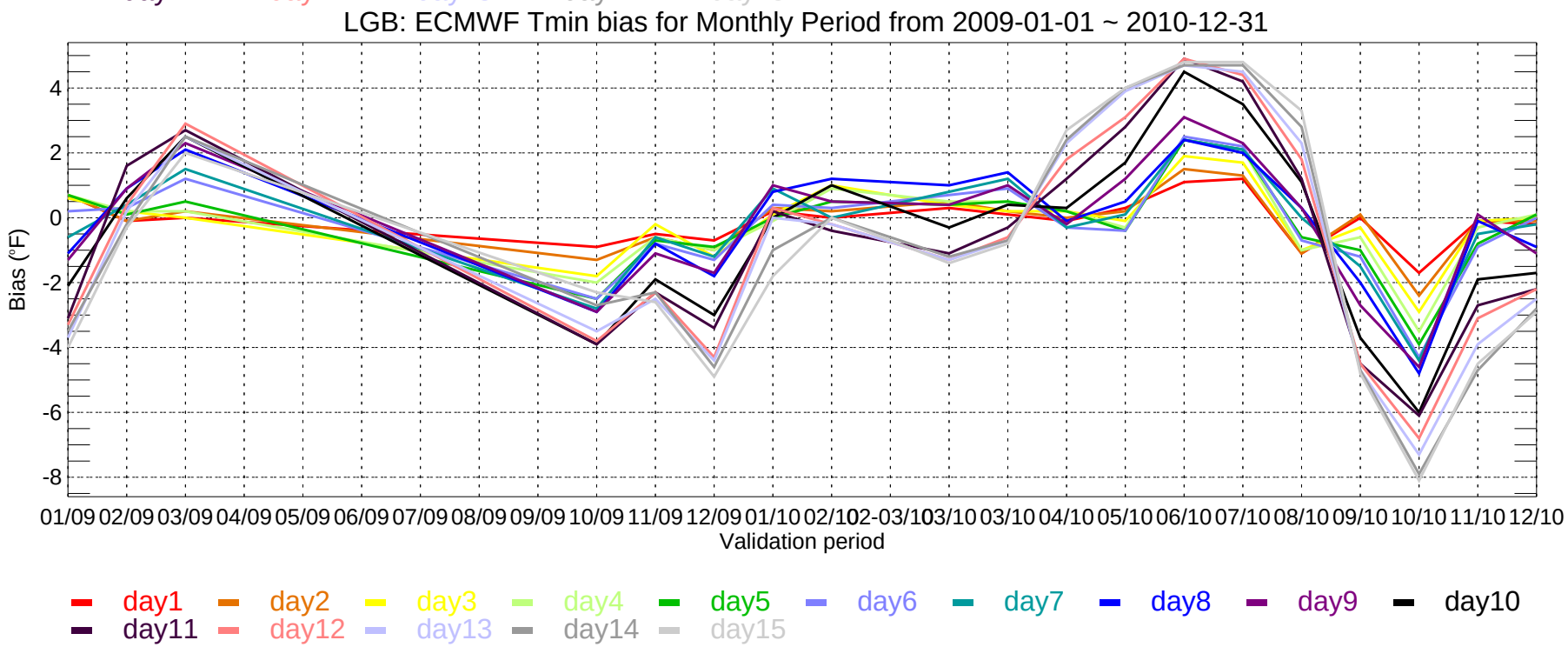

LGA: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
7
6
5
4
3
2
1
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

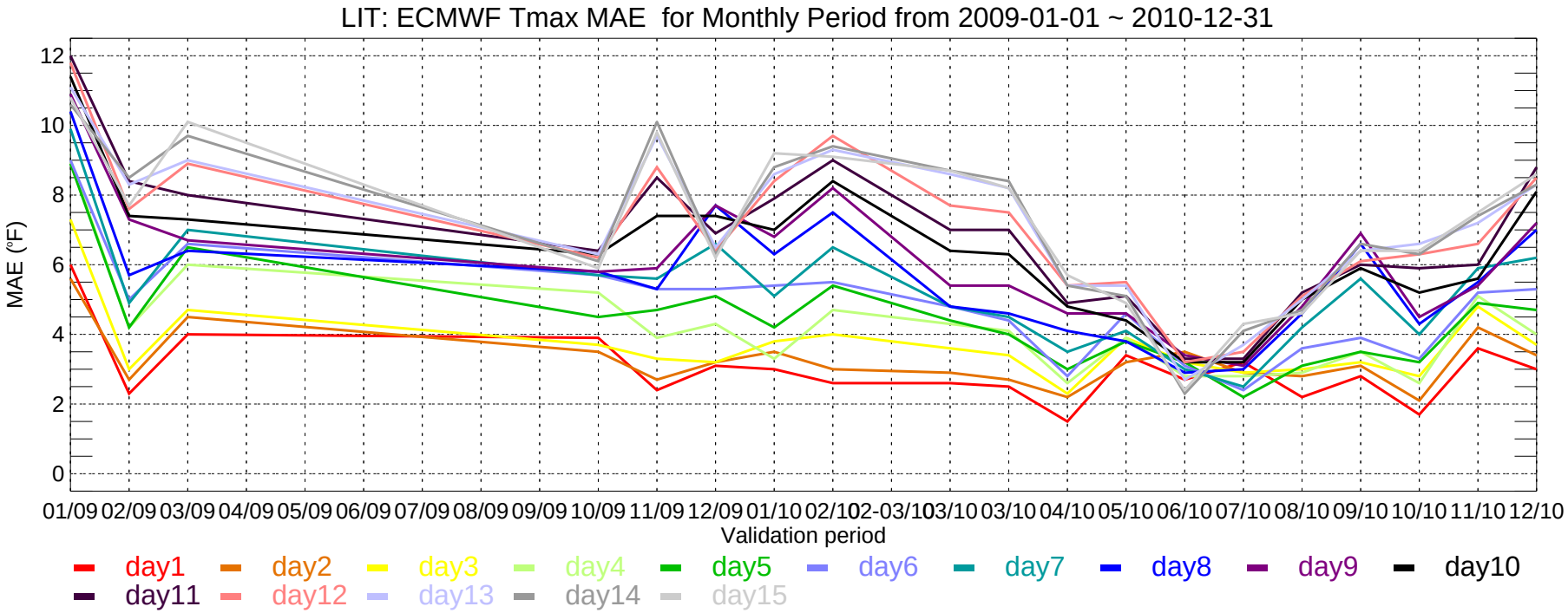

LGA: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

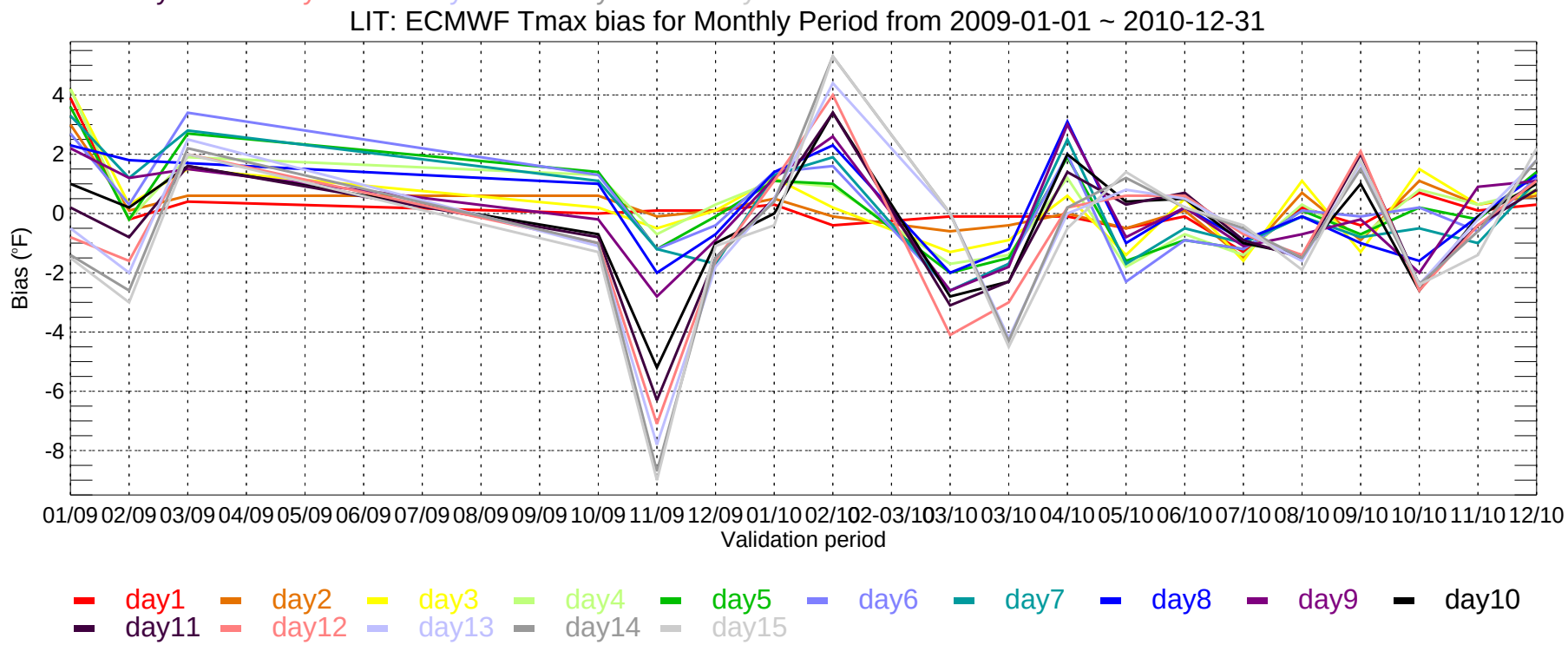

LGB: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

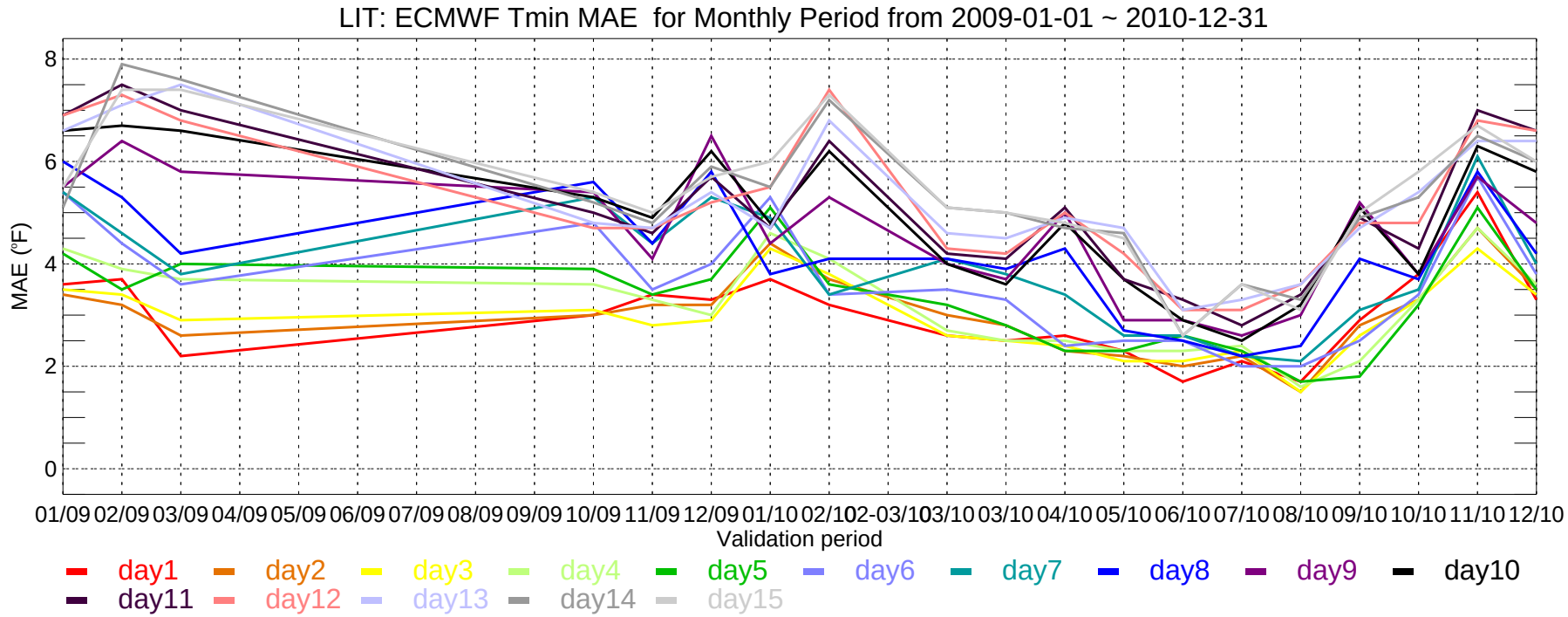

LGB: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

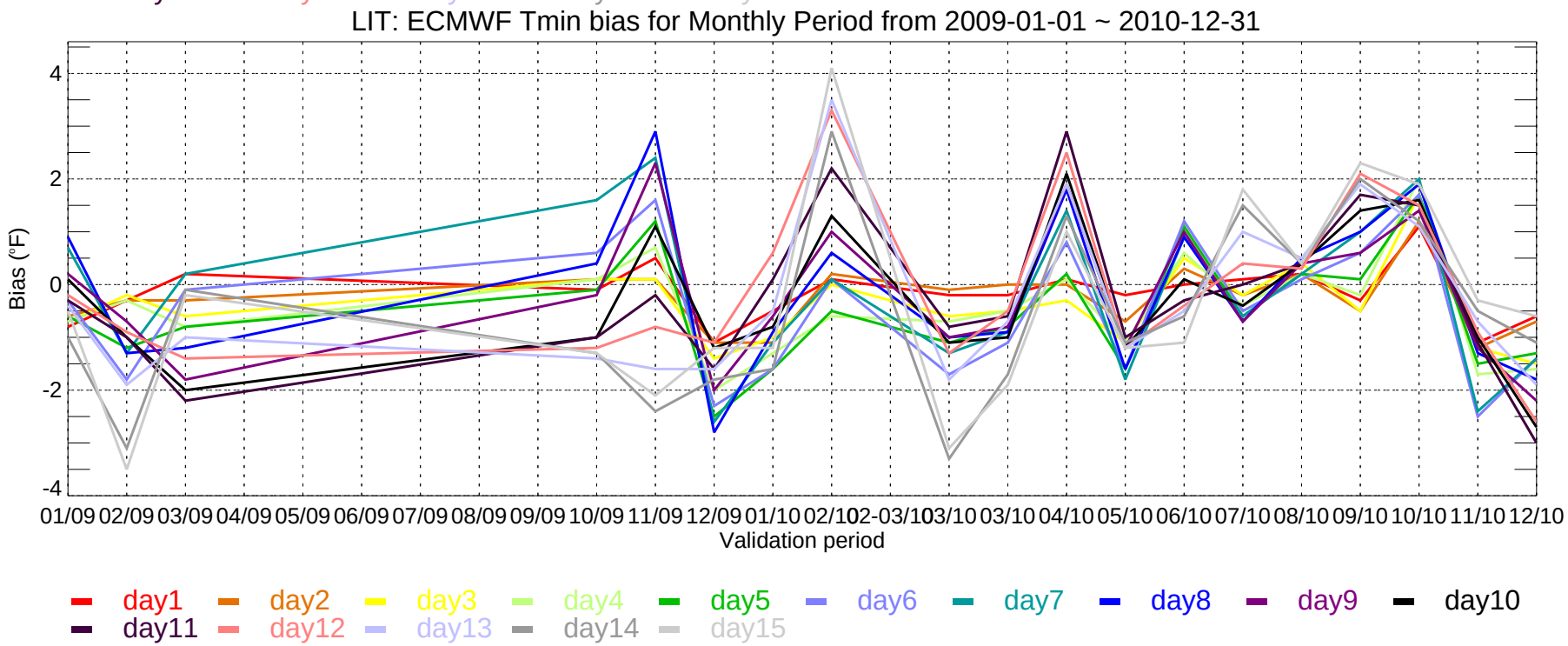

LGB: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

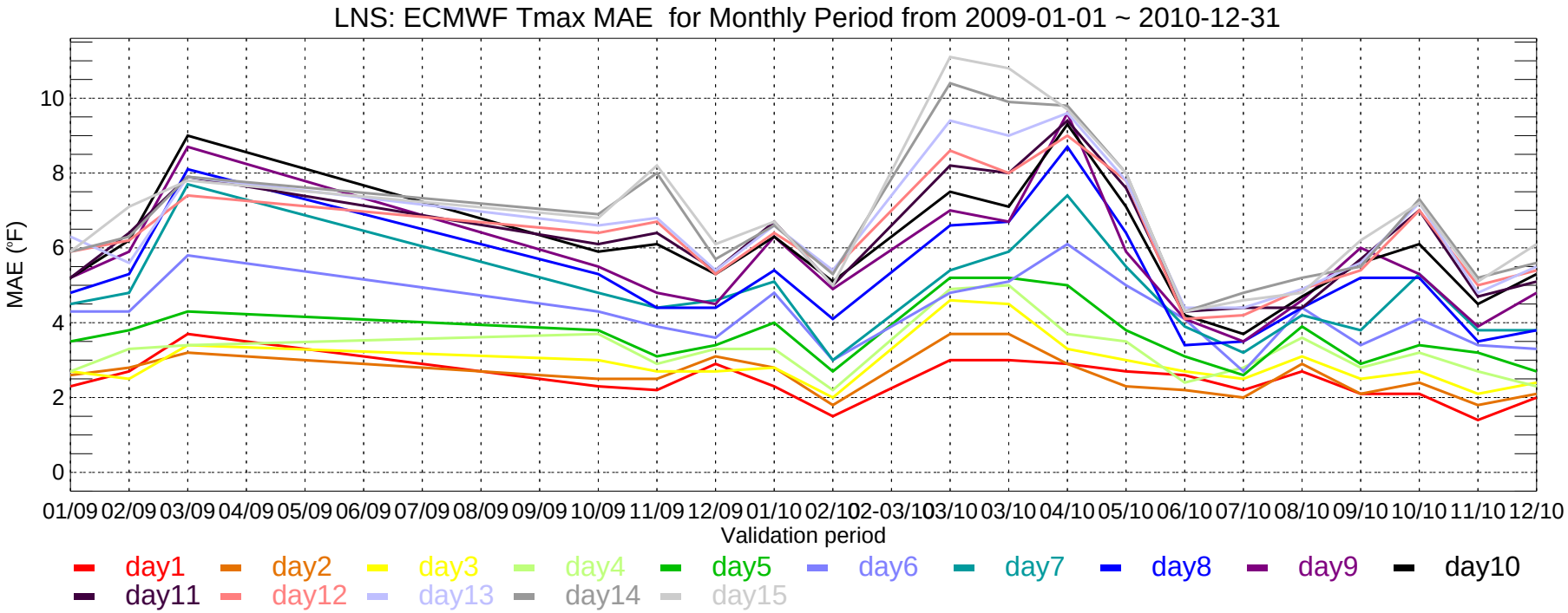

LGB: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

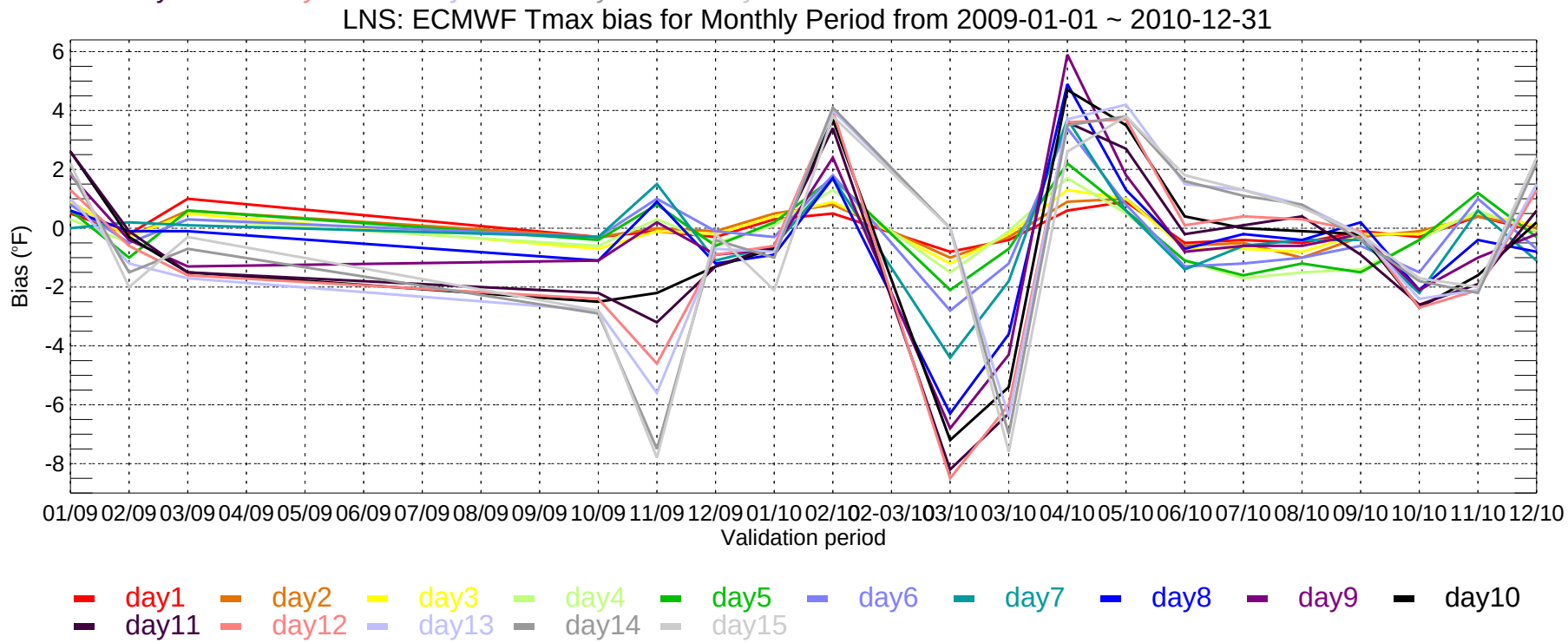

LIT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

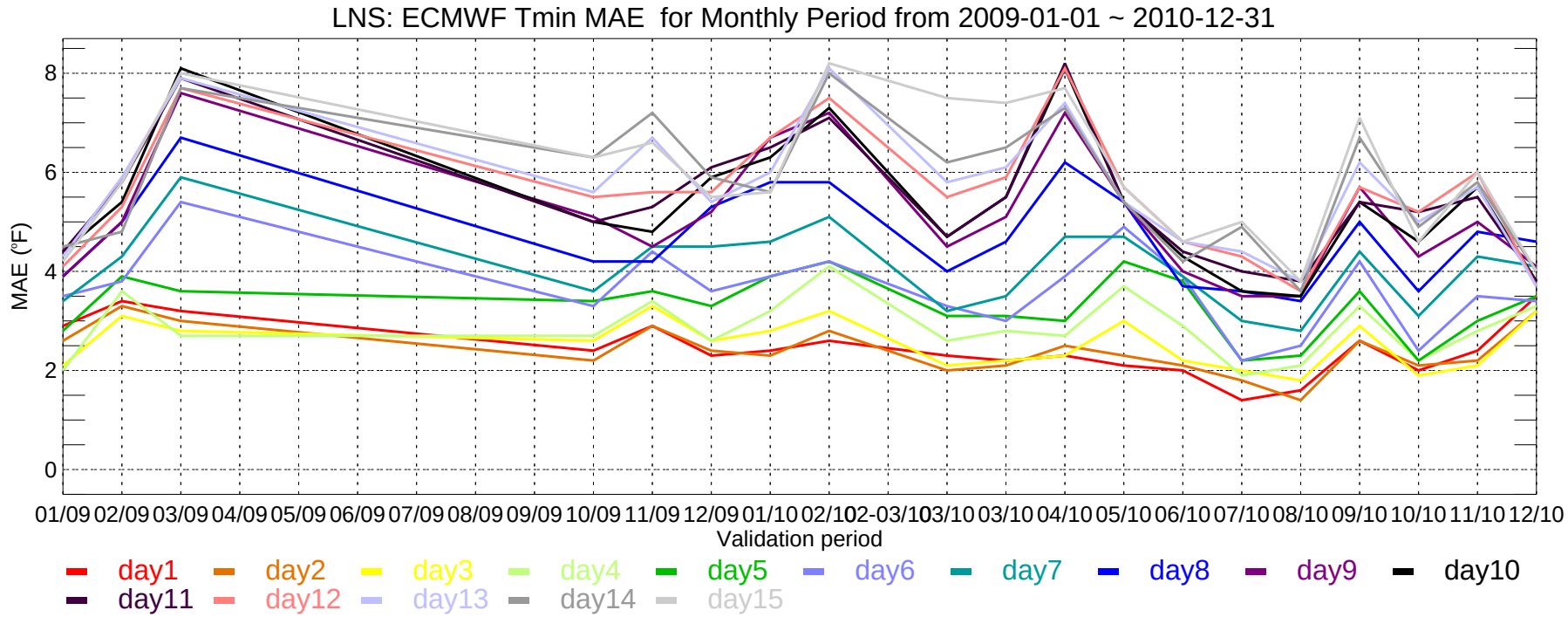

LIT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

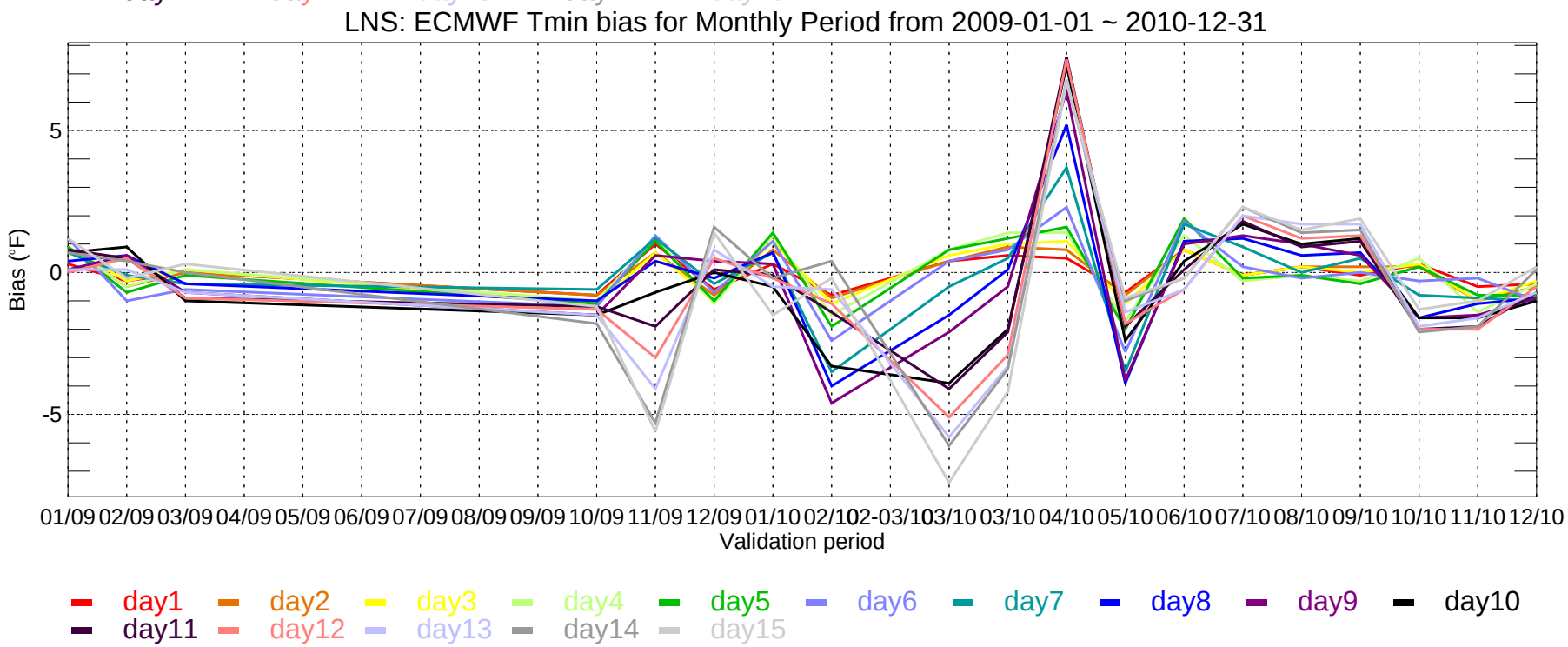

LIT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

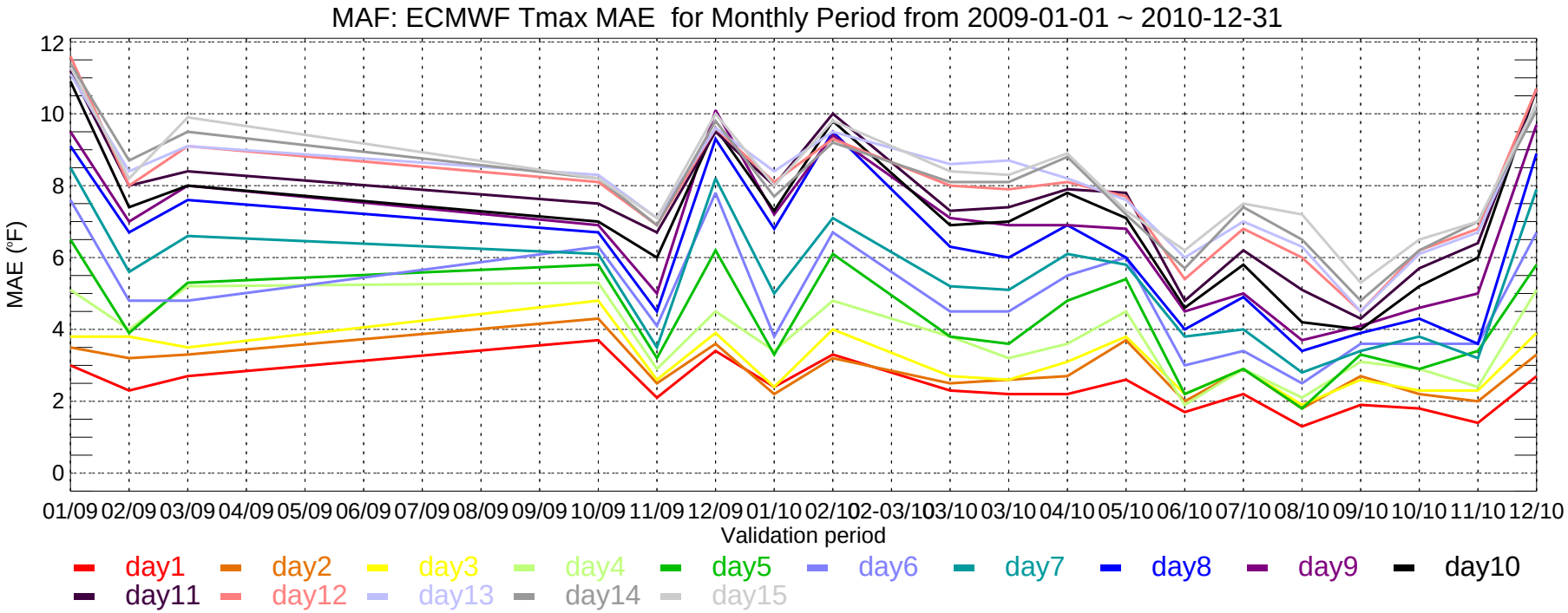

LIT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

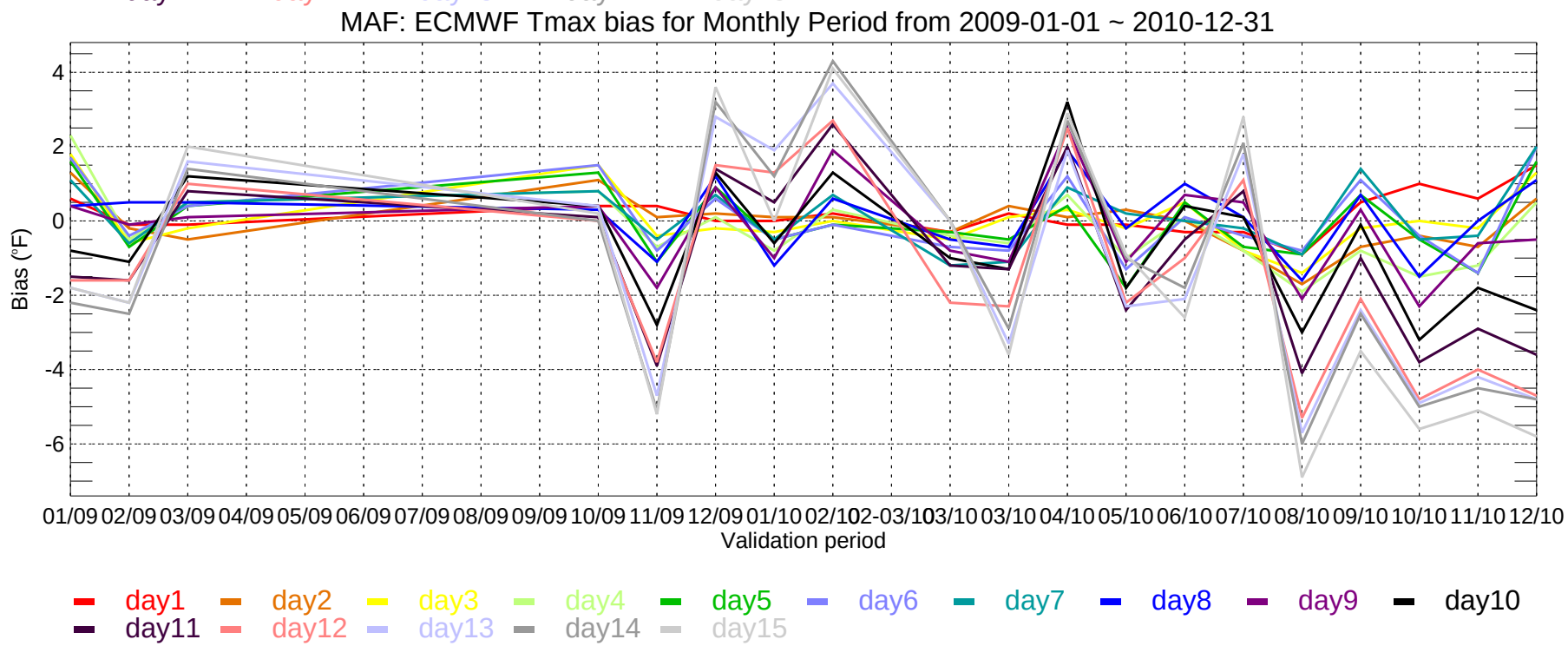

LNS: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

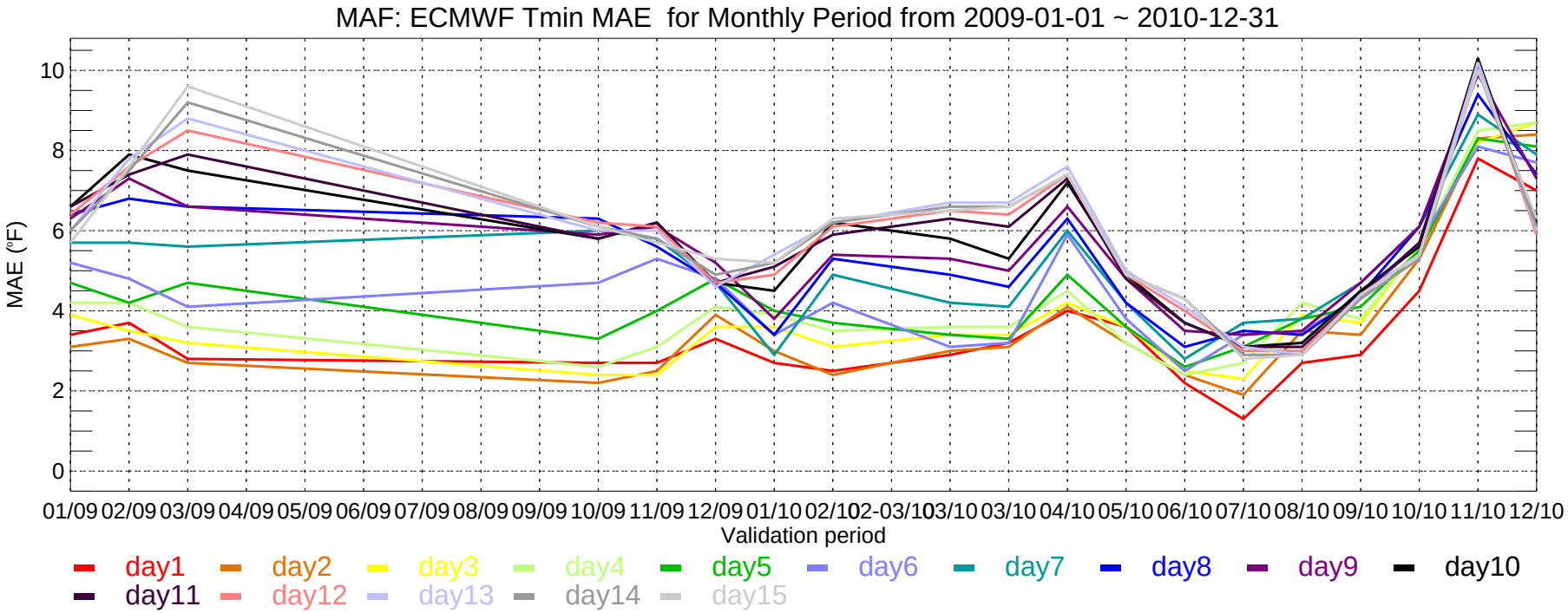

LNS: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

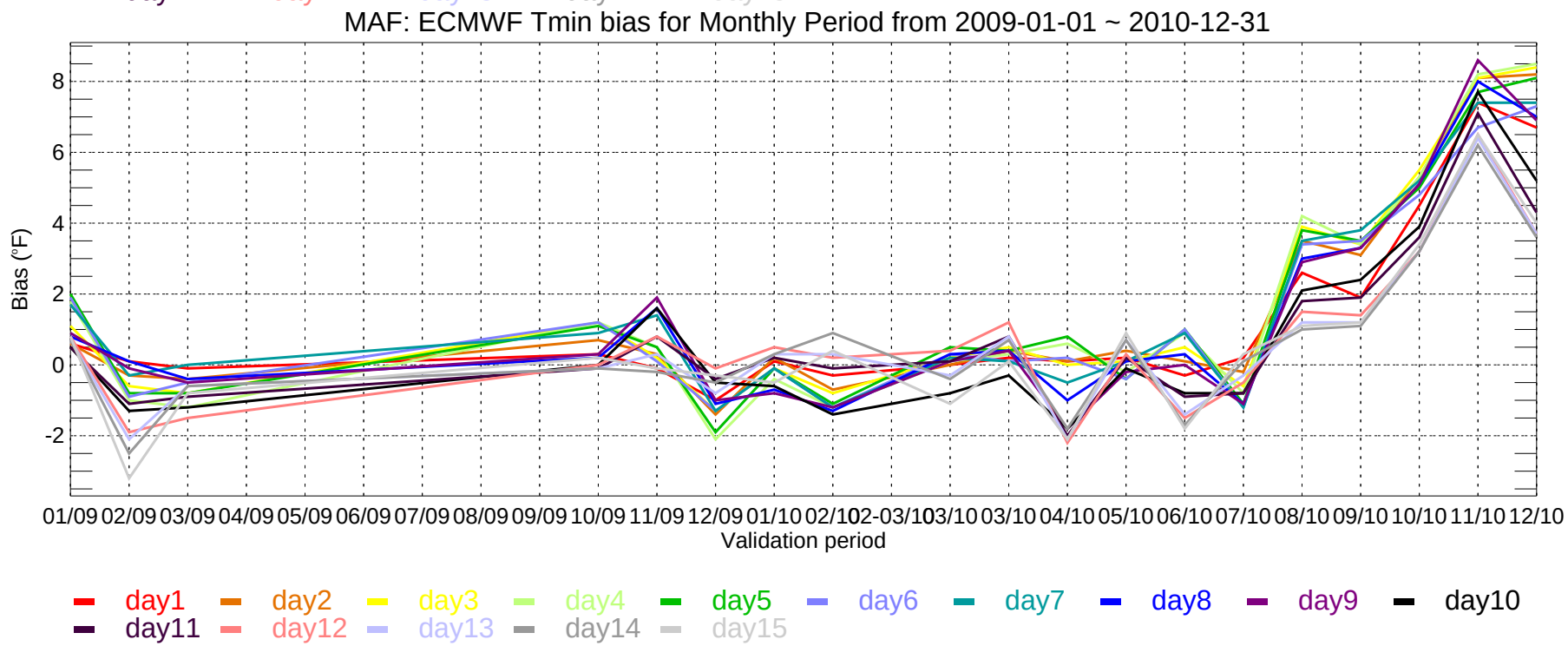

LNS: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

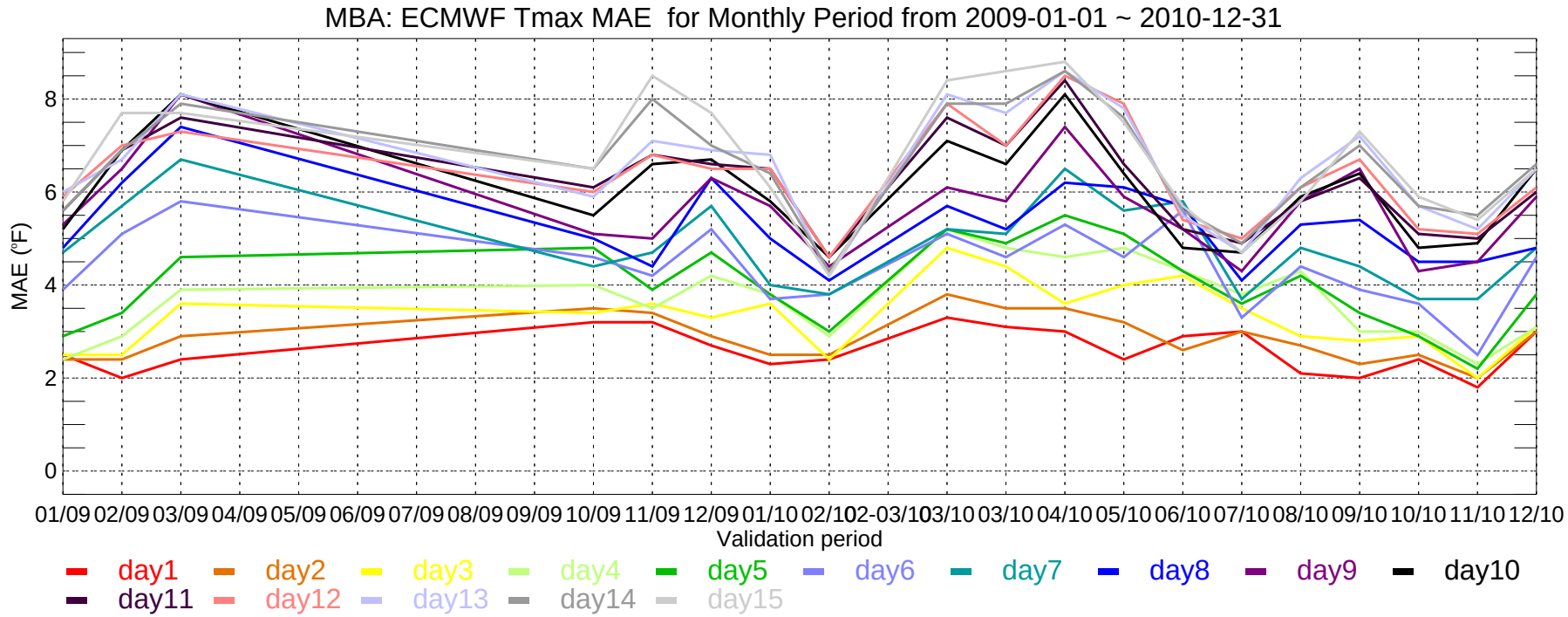

LNS: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

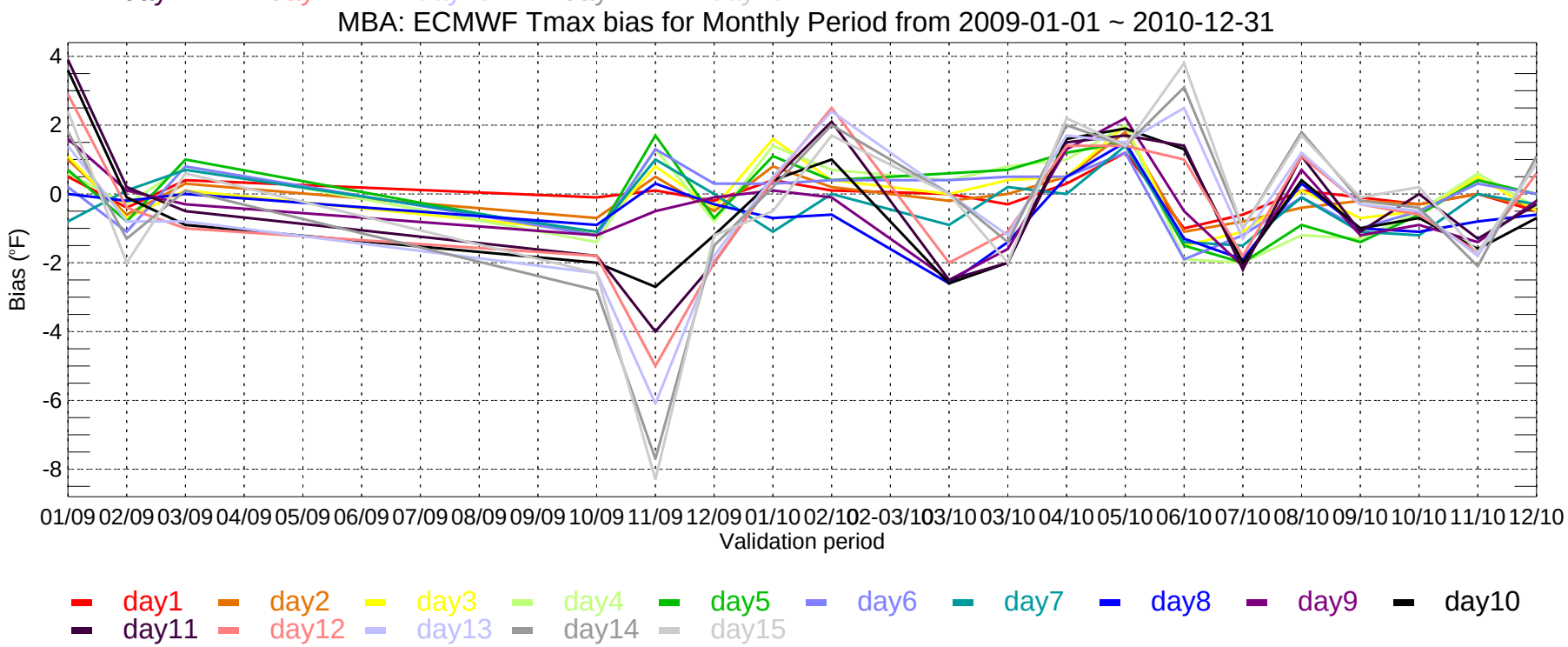

MAF: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

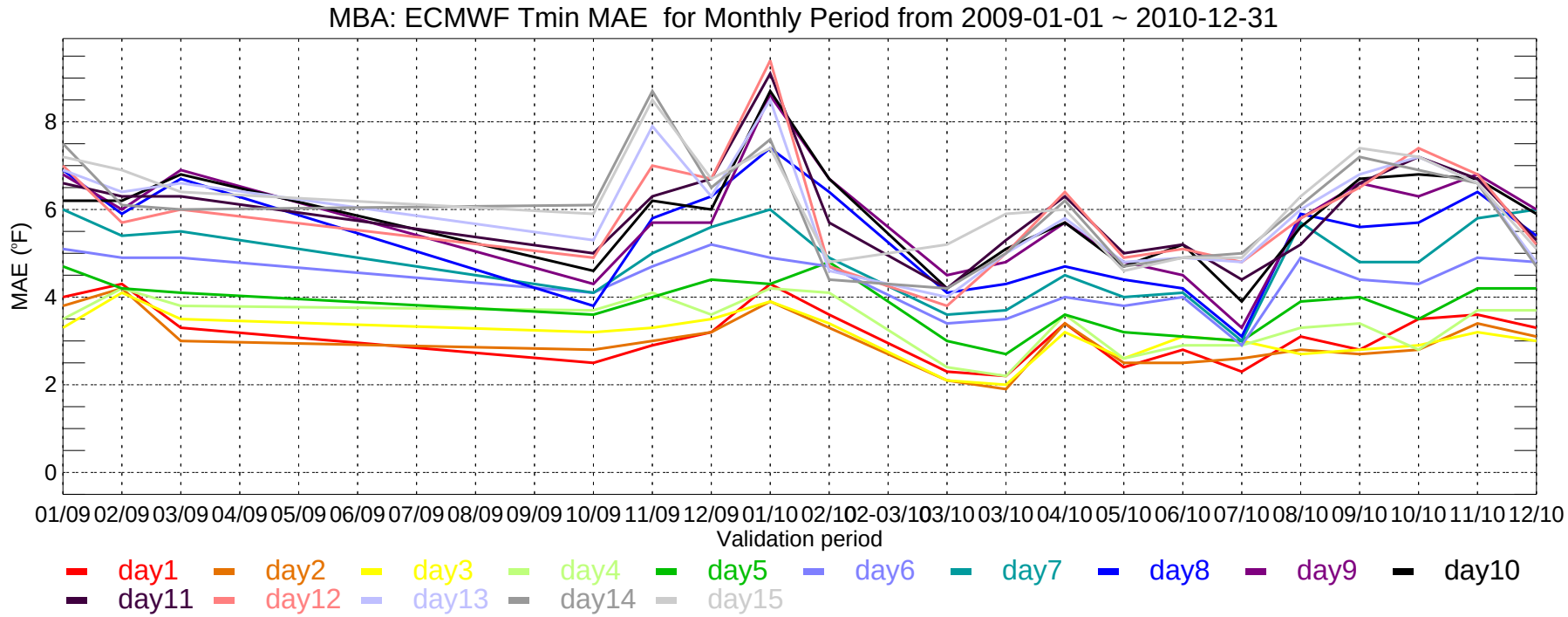

MAF: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

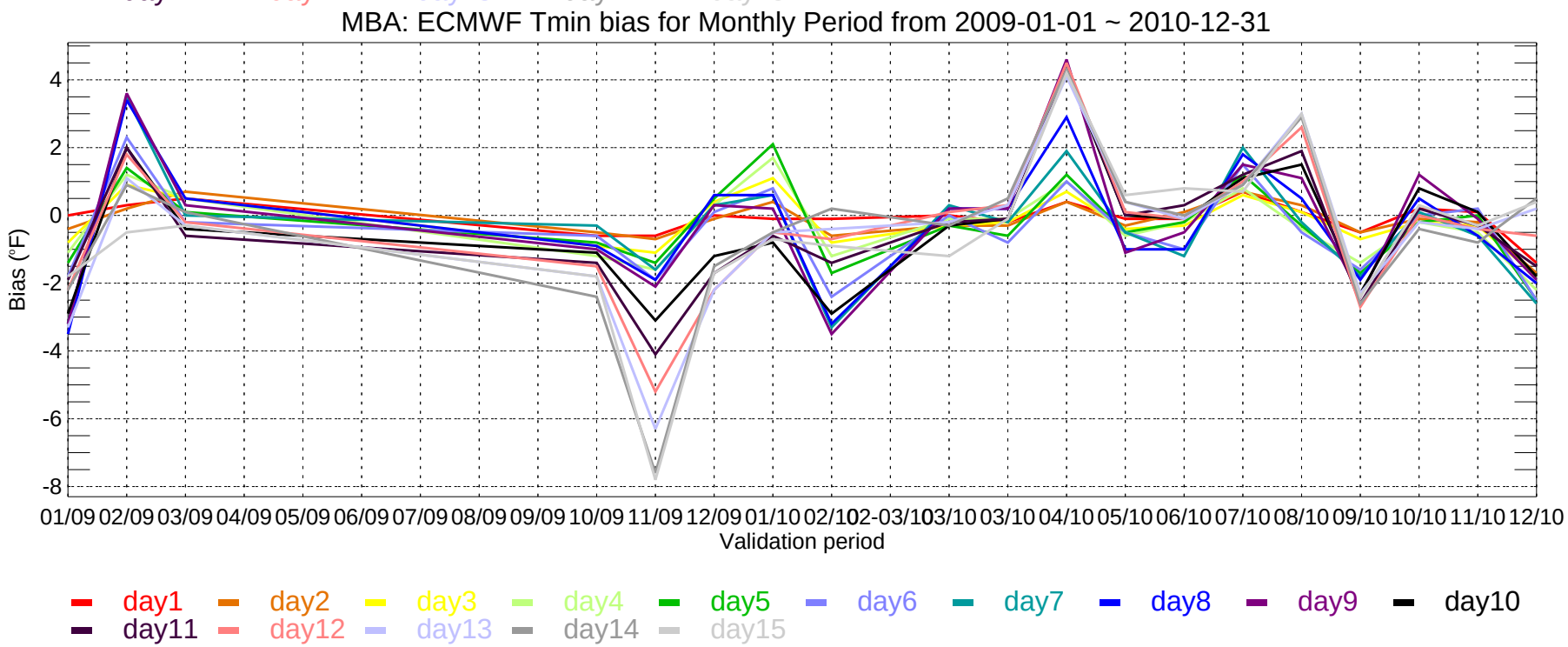

MAF: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

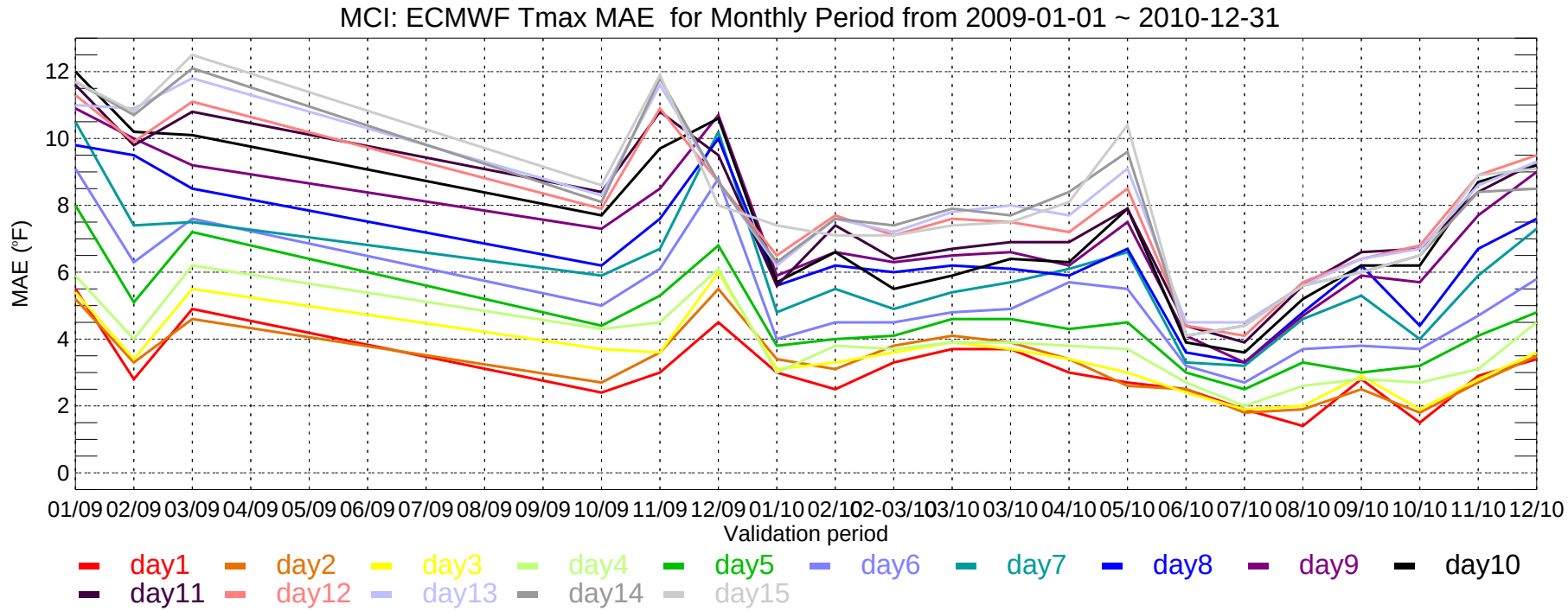

MAF: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
8
6
4
2
0
-2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

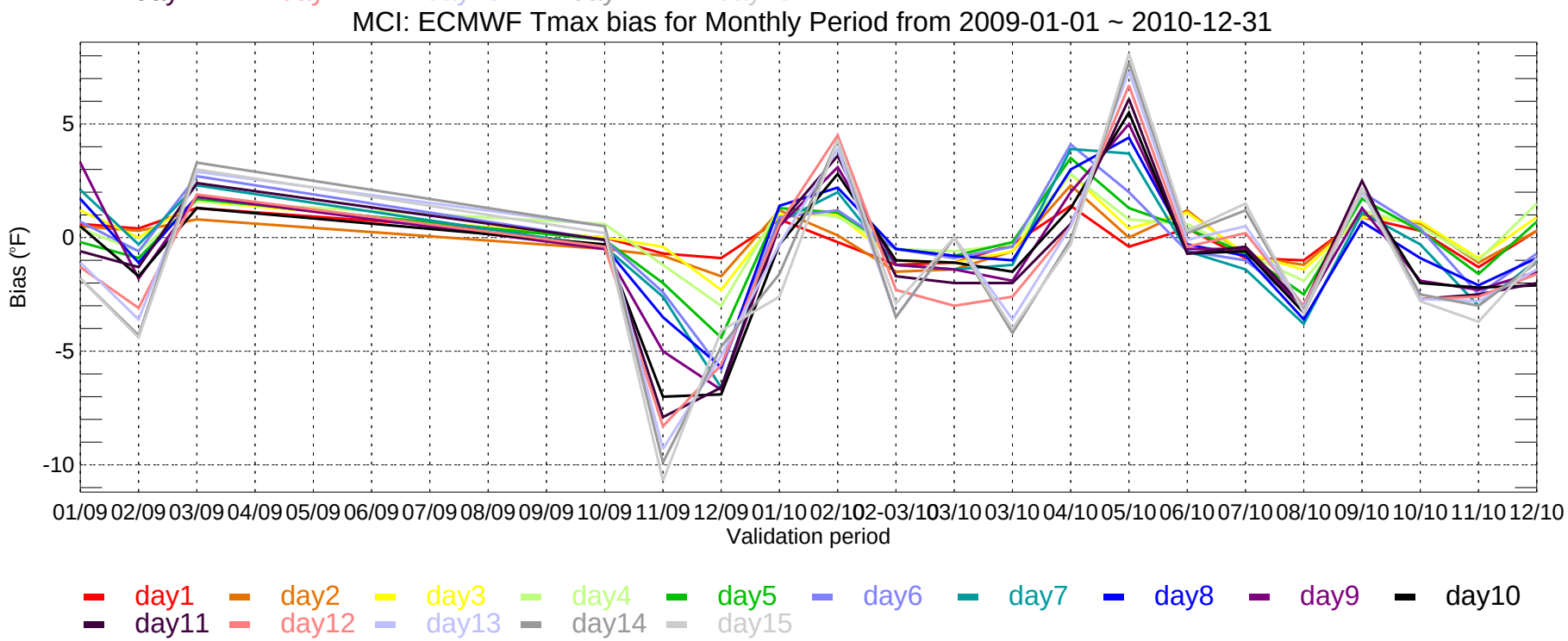

MBA: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

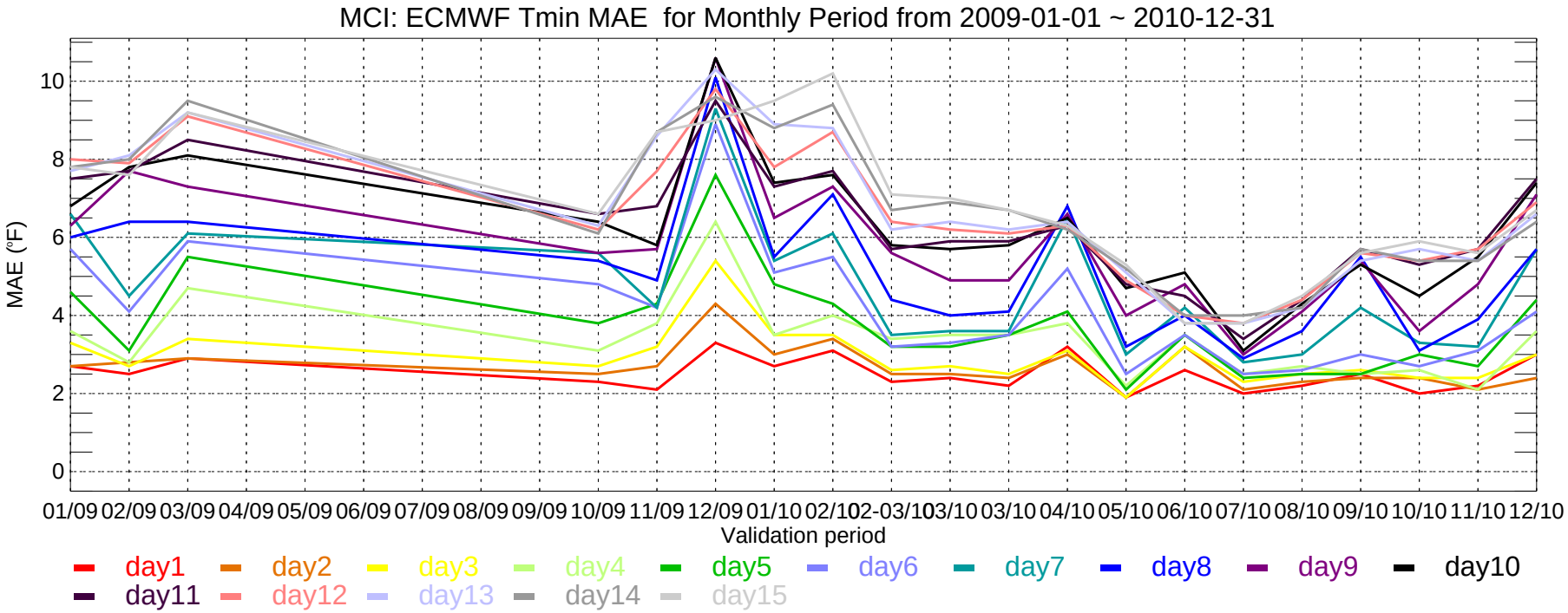

MBA: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

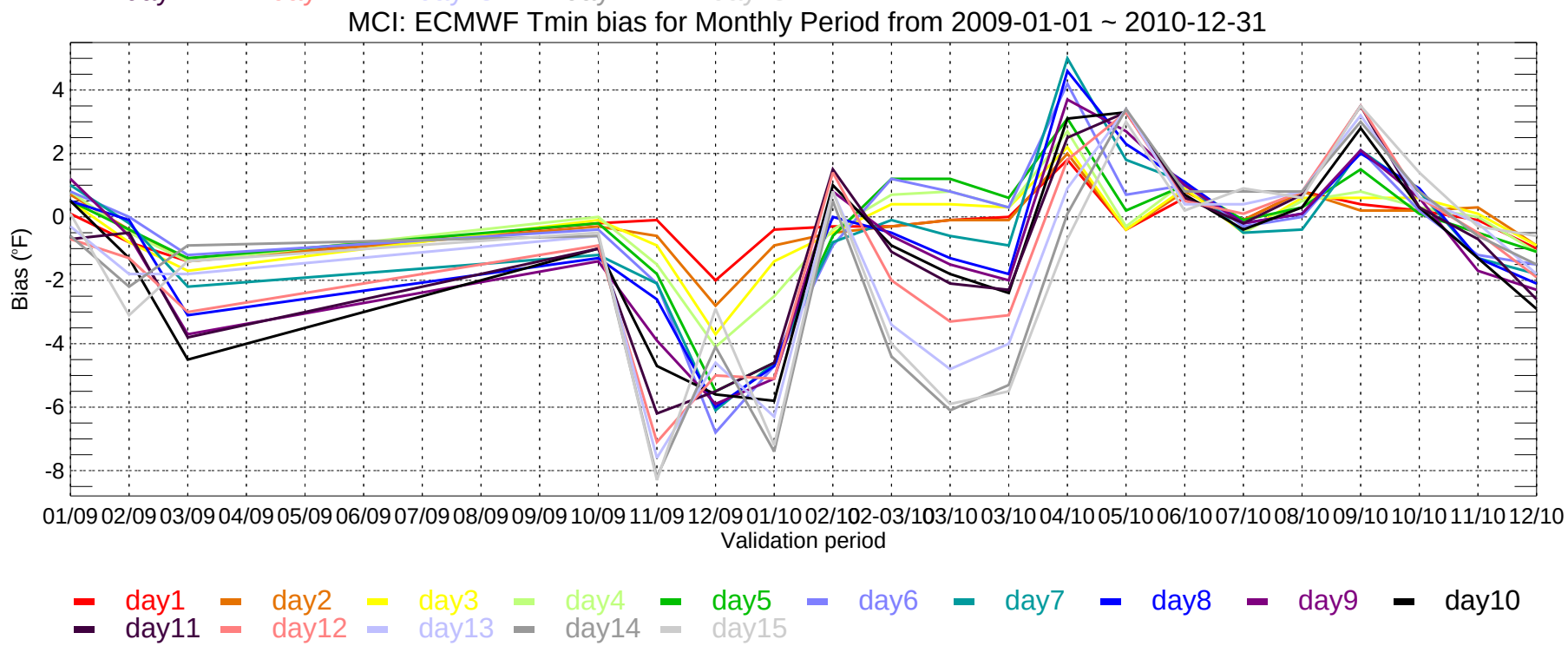

MBA: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

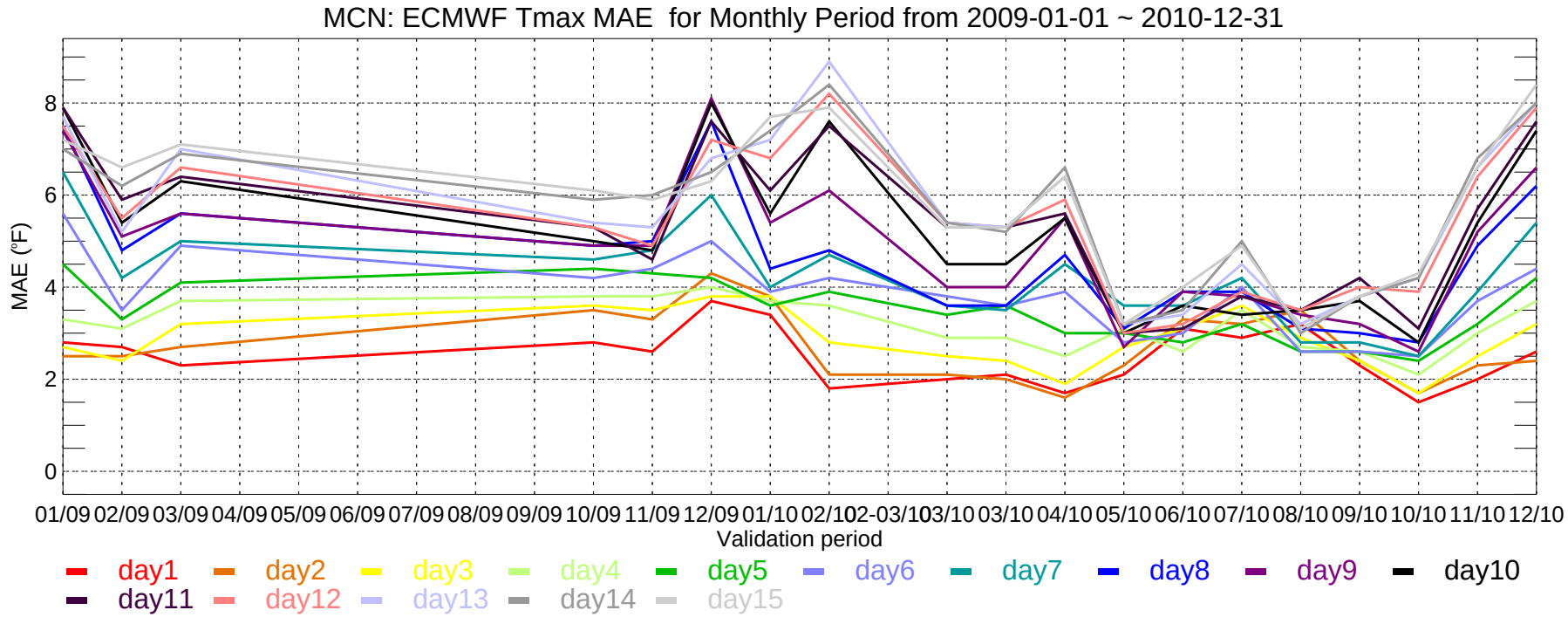

MBA: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

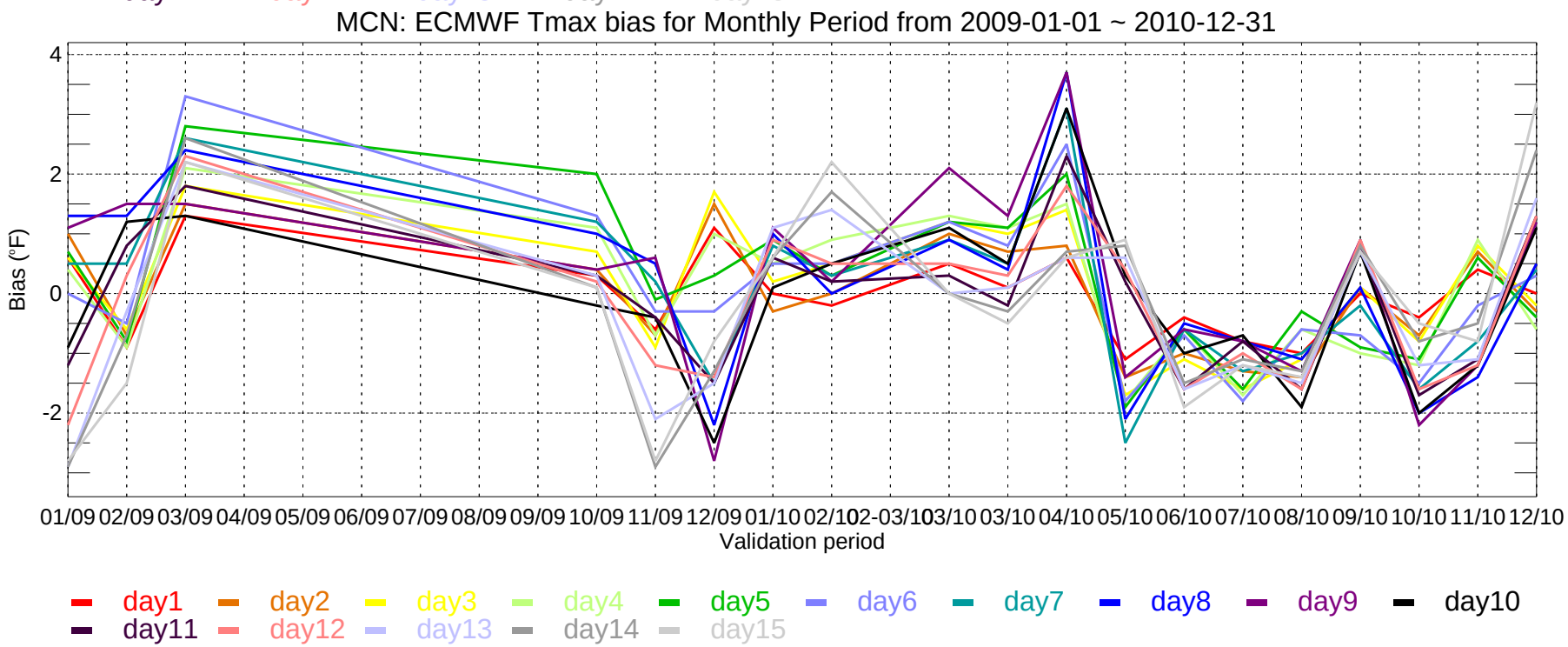

MCI: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

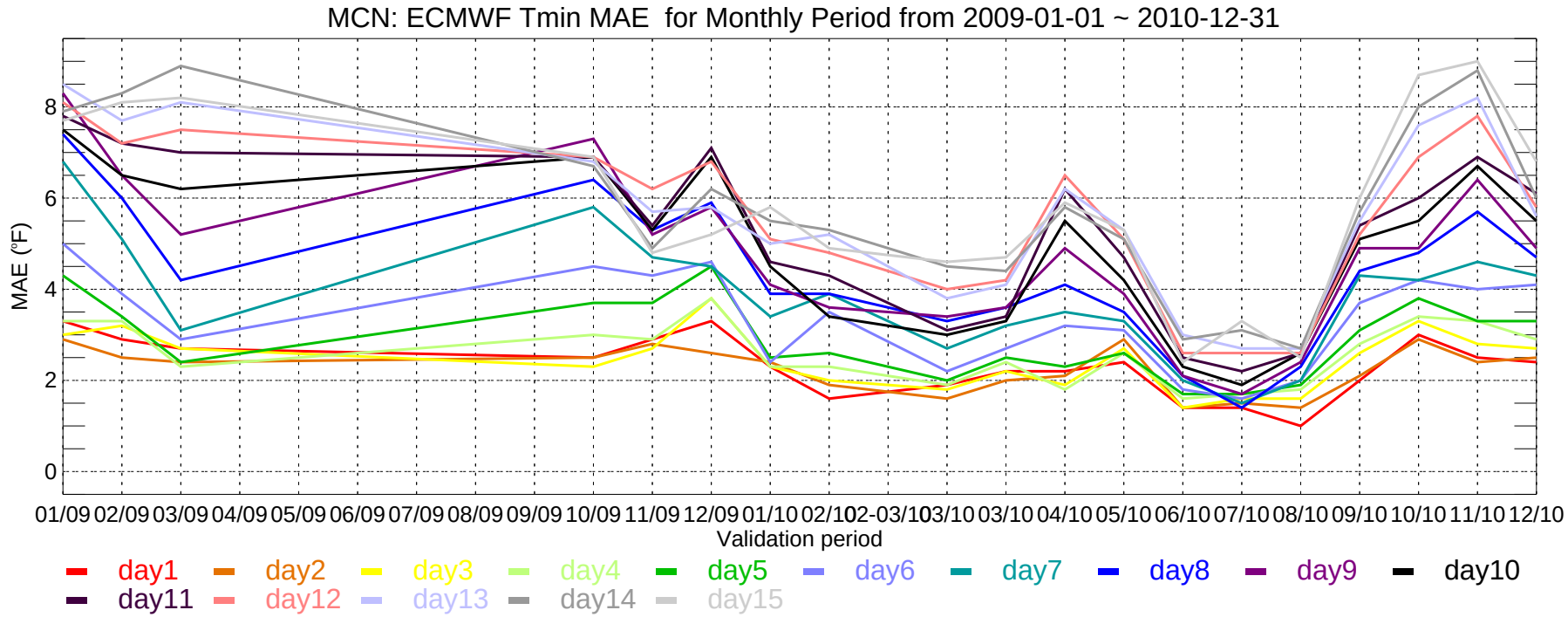

MCI: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-10
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

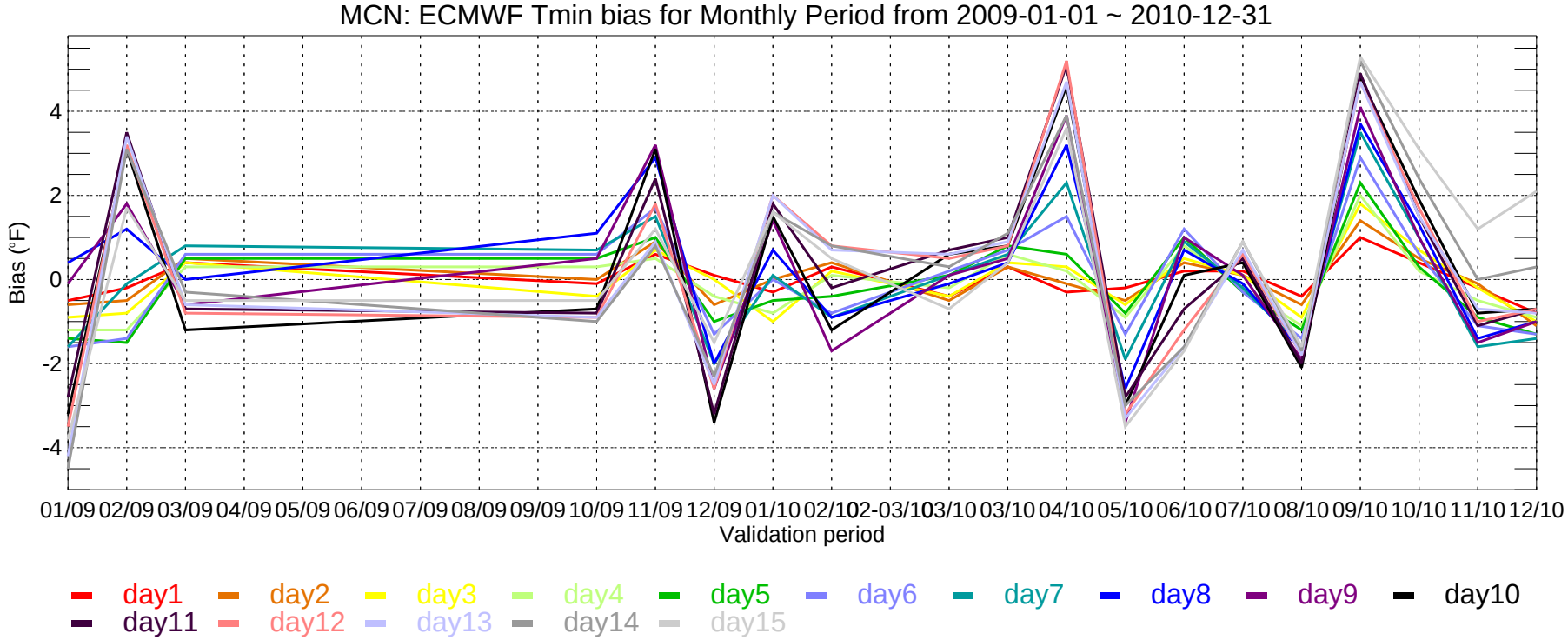

MCI: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

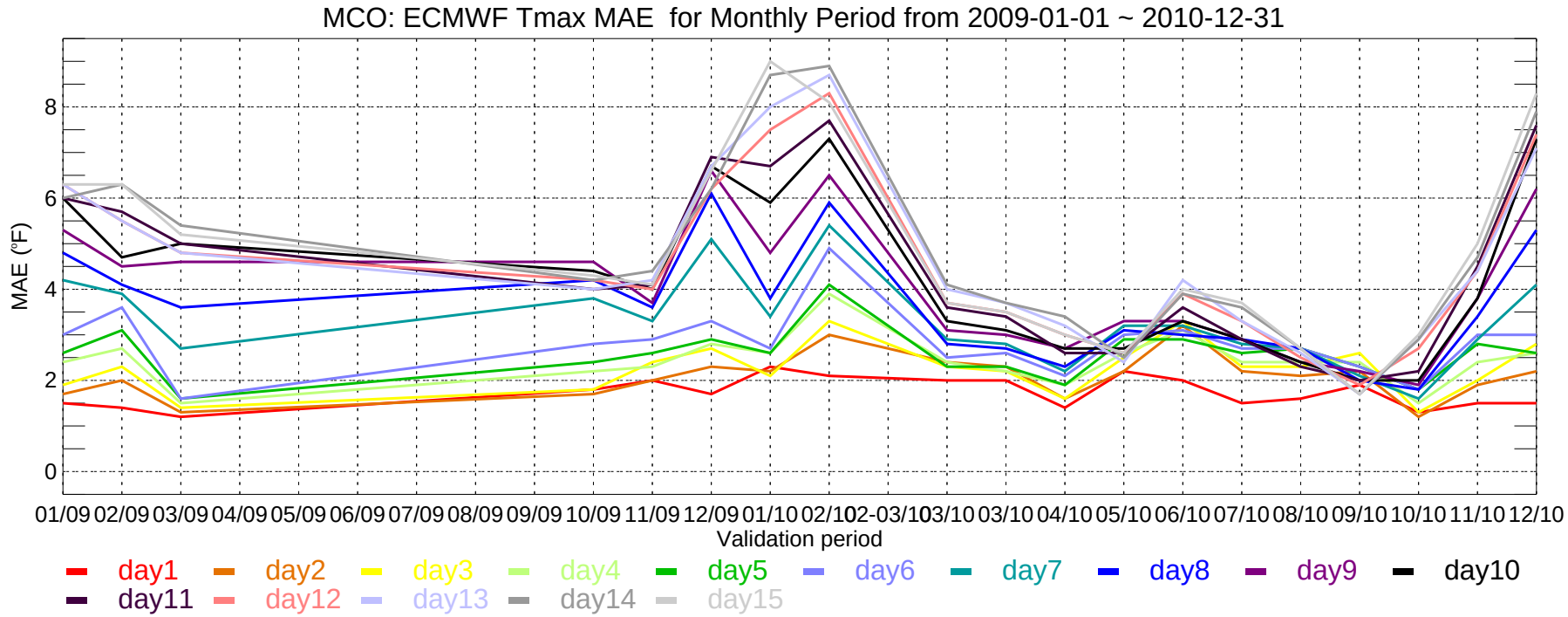

MCI: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-8
-6
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

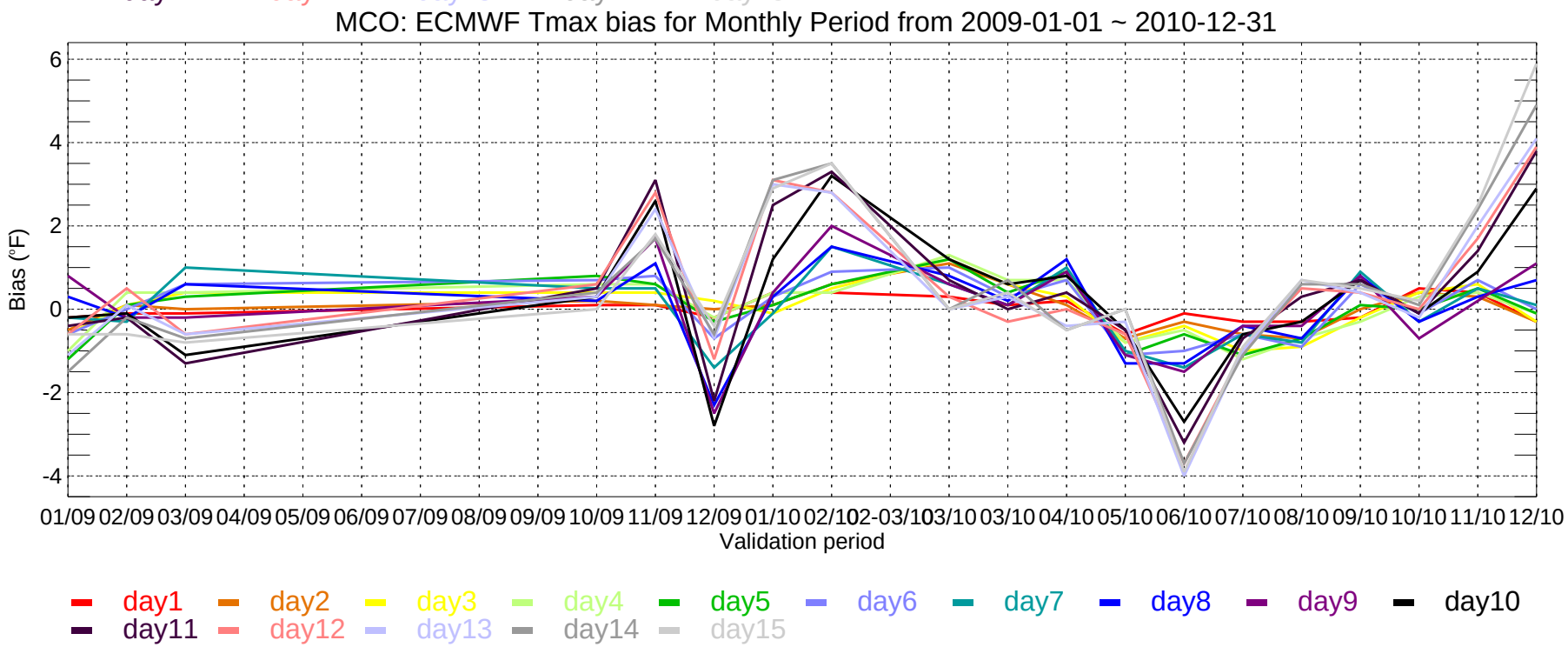

MCN: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

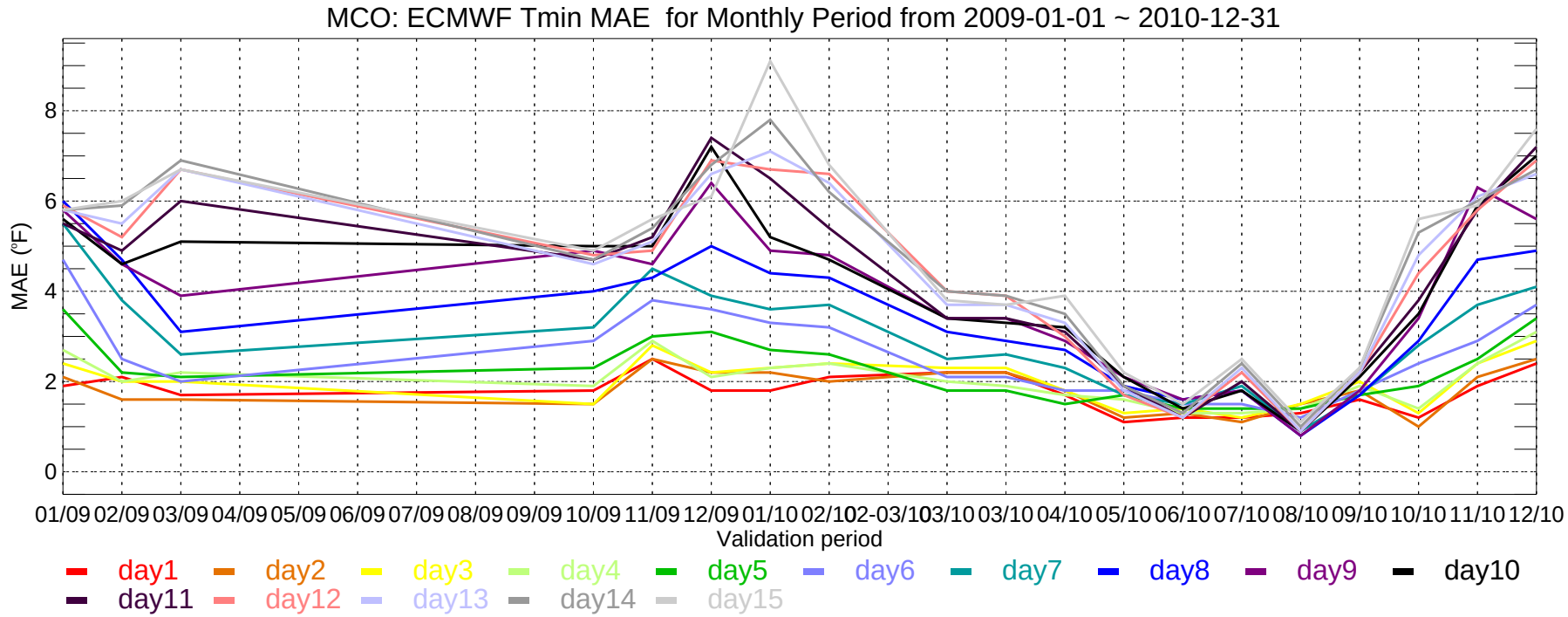

MCN: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

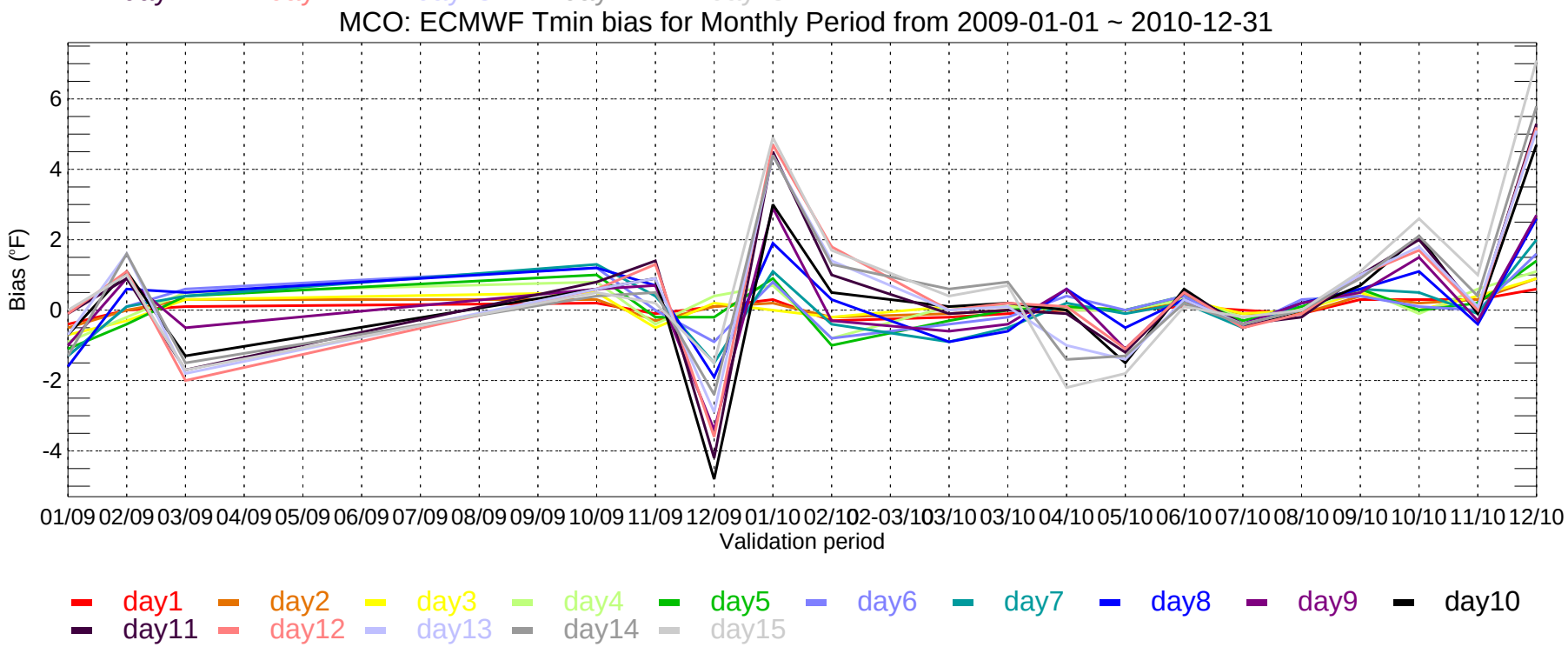

MCN: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

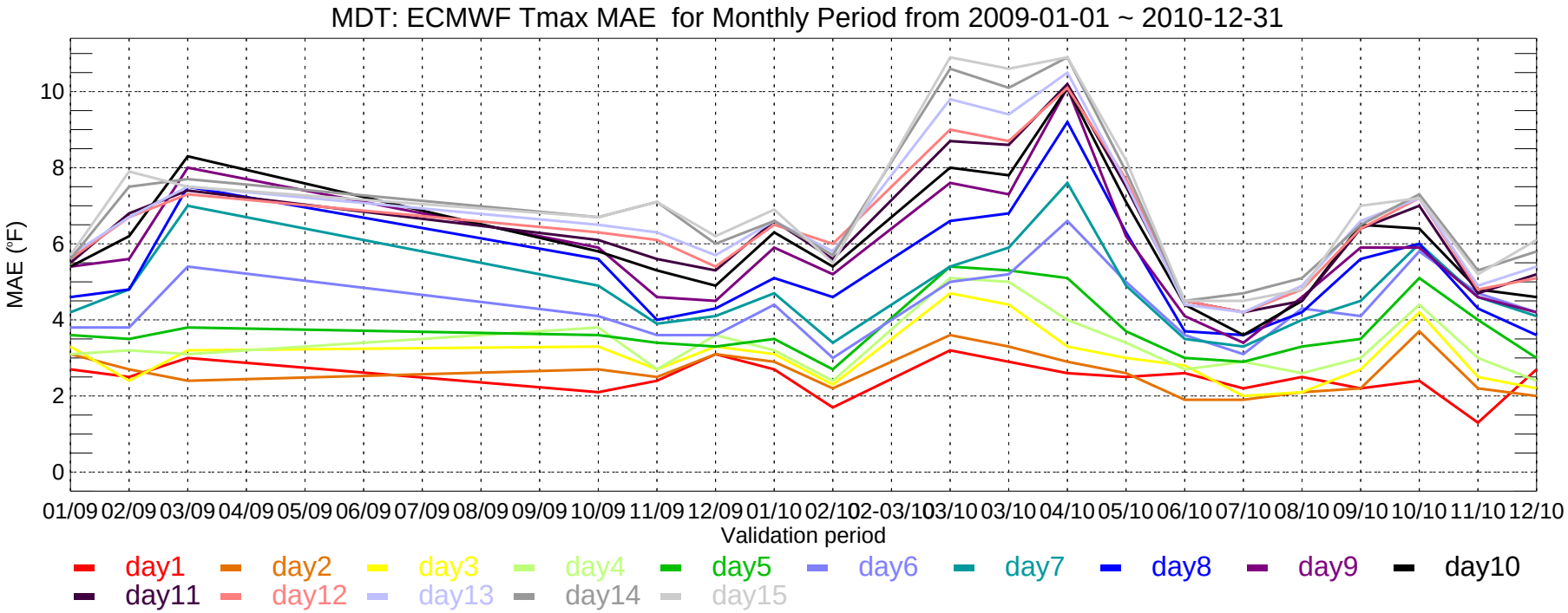

MCN: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

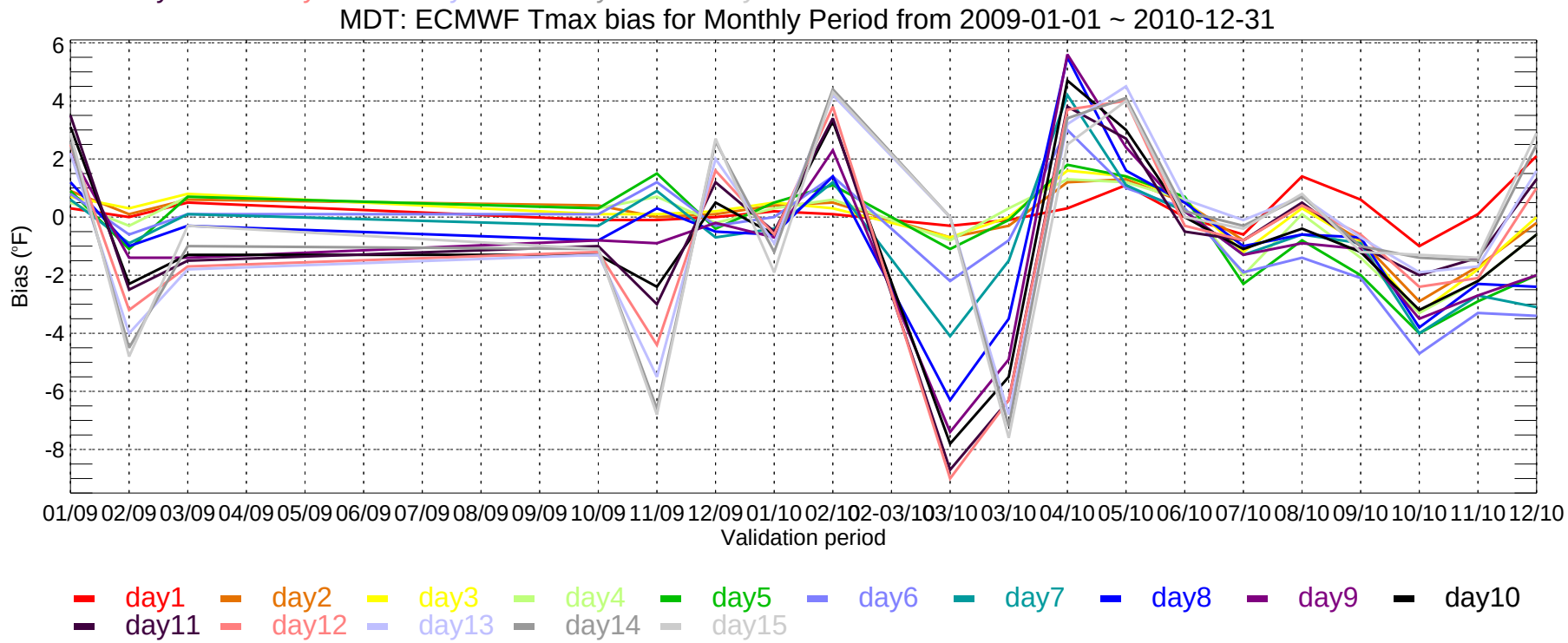

MCO: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

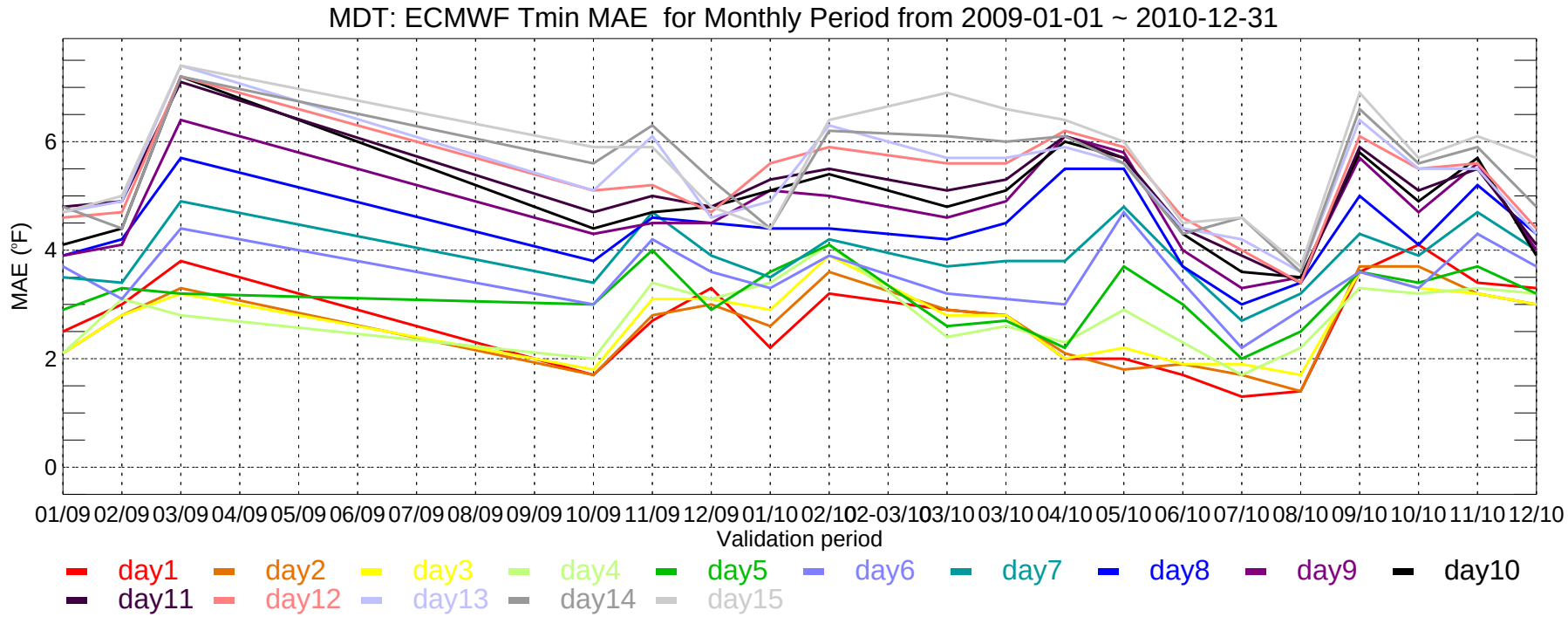

MCO: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

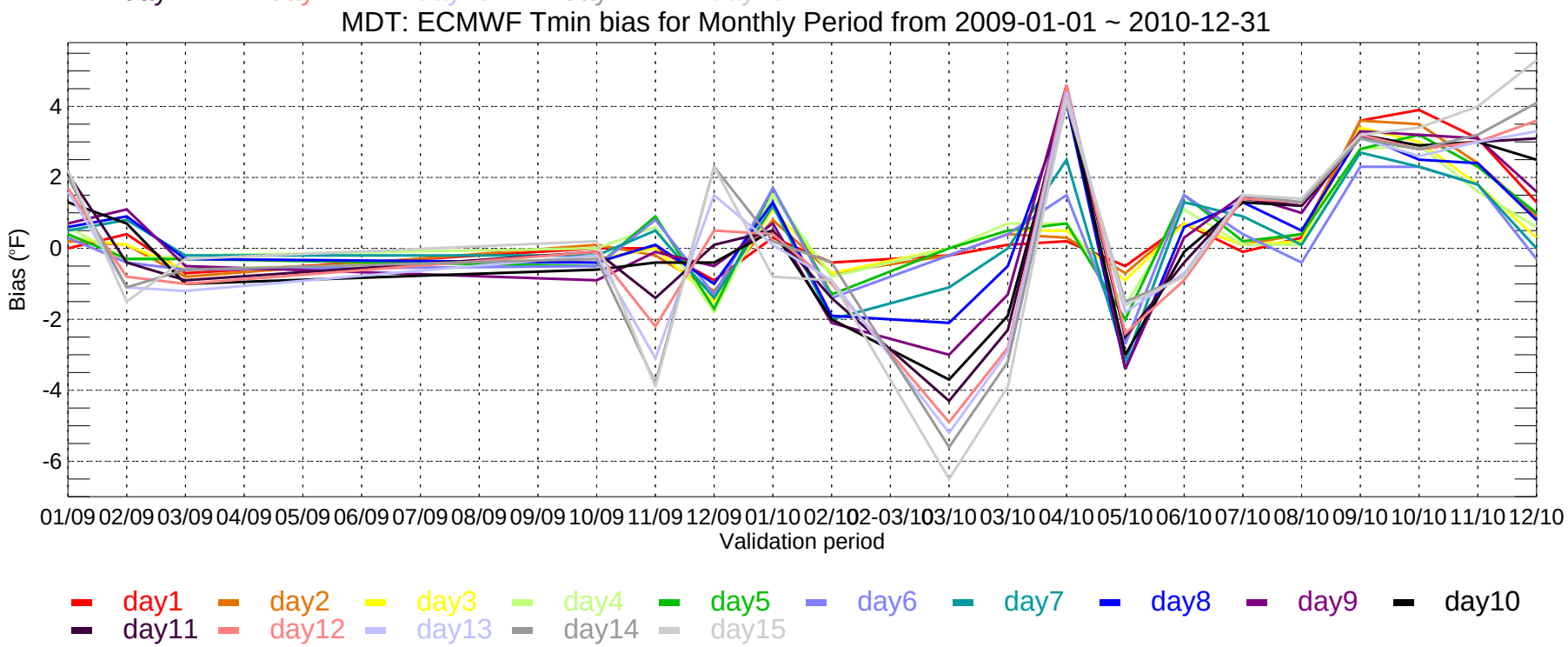

MCO: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

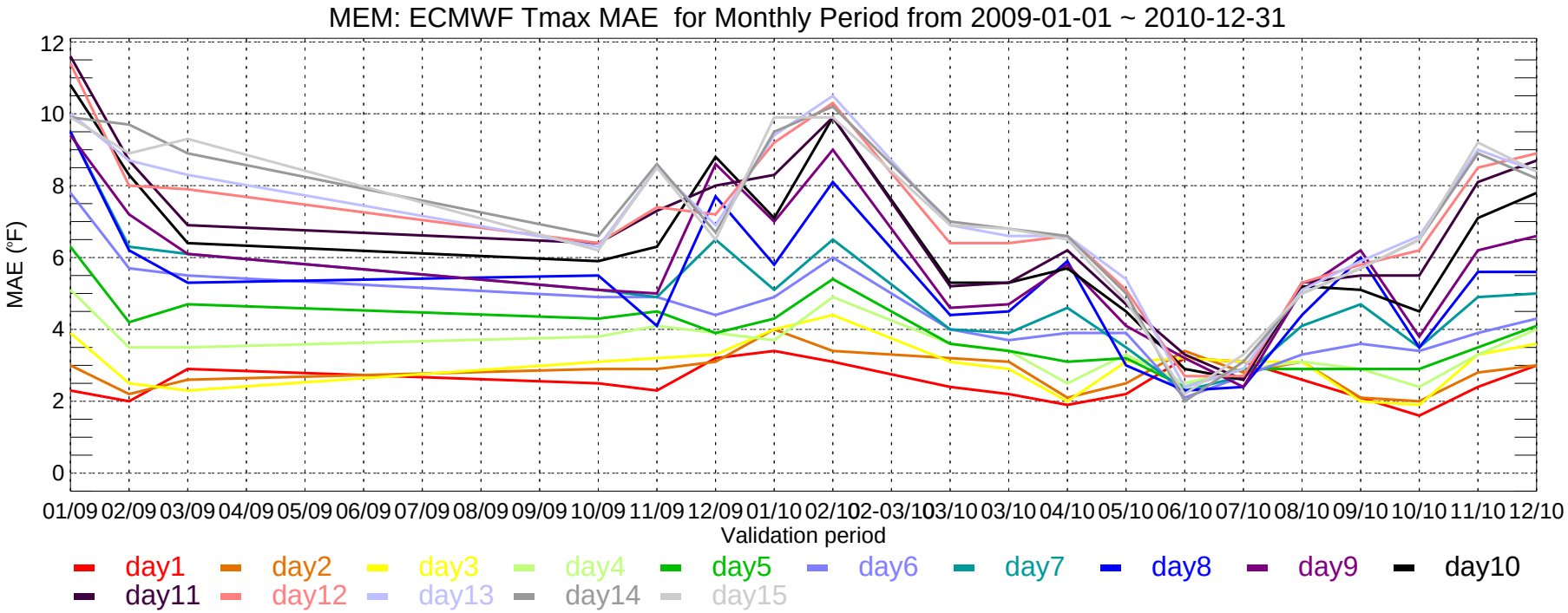

MCO: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

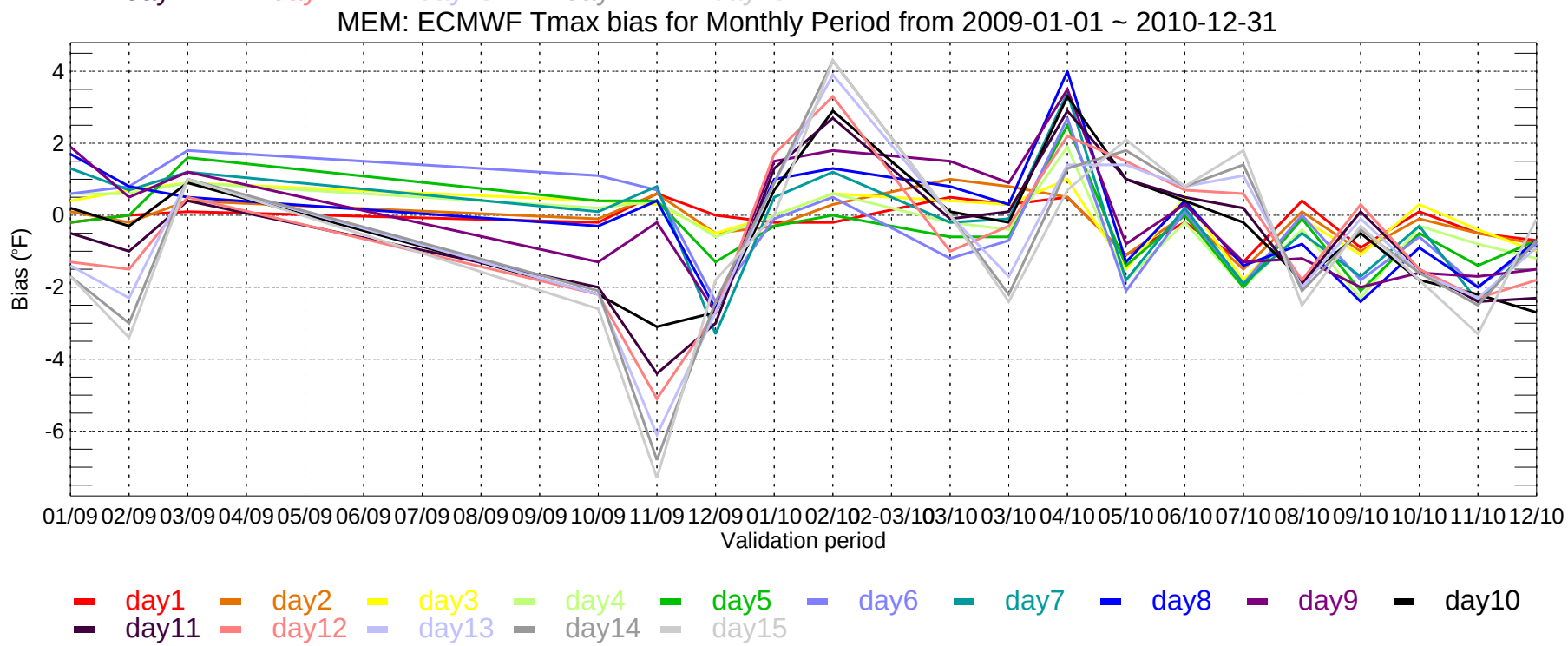

MDT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

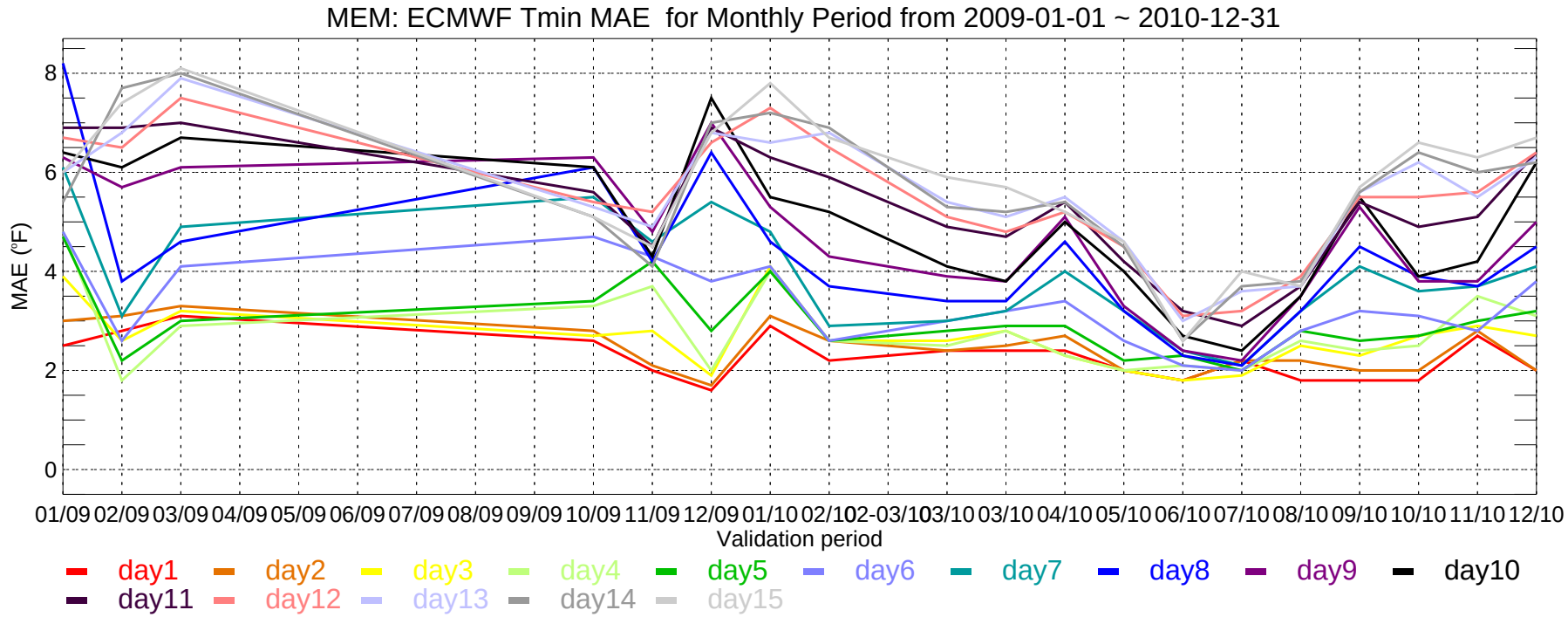

MDT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

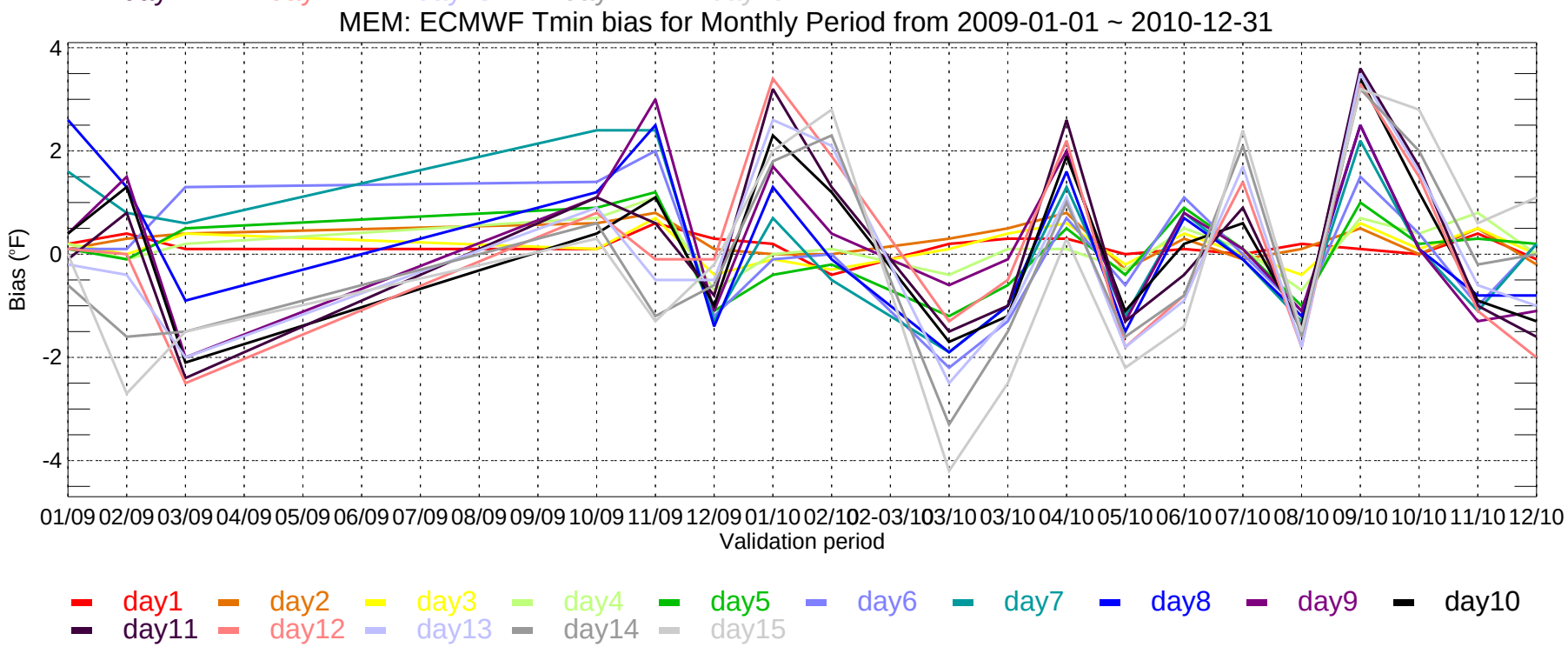

MDT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

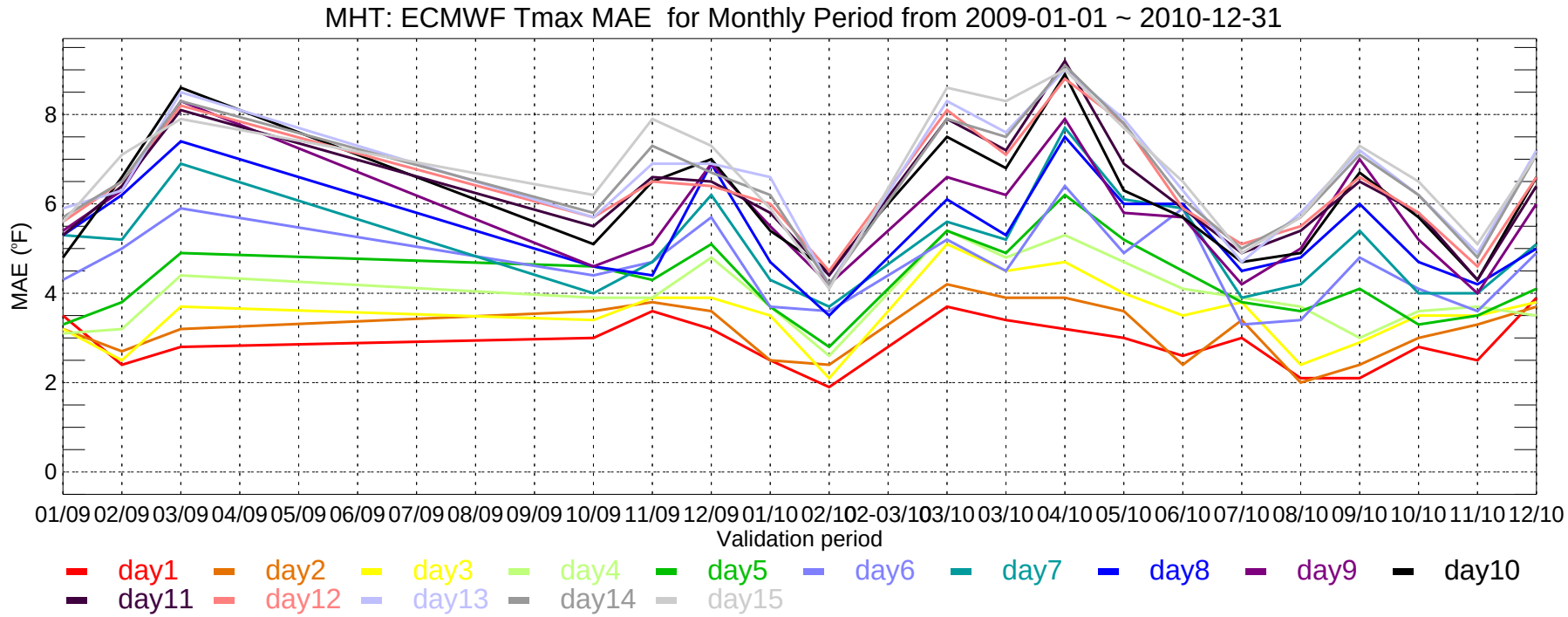

MDT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

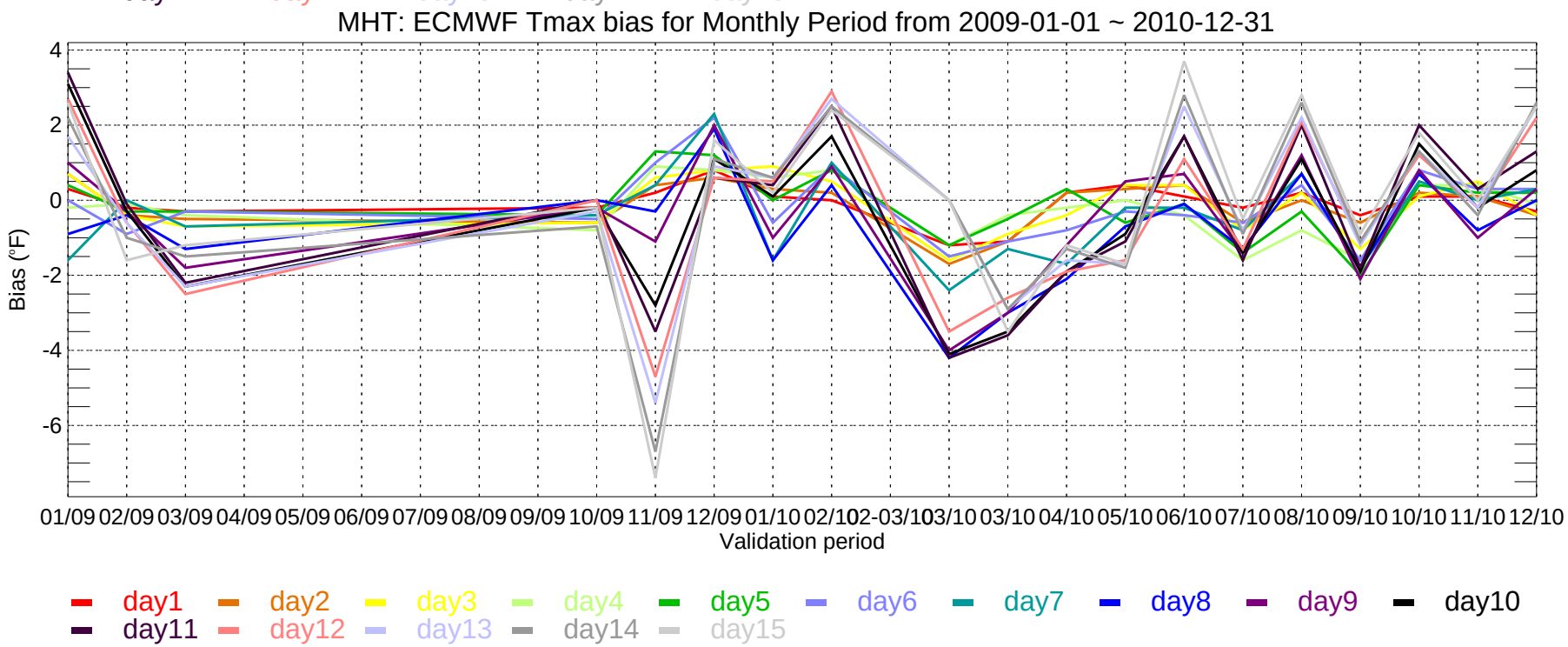

MEM: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

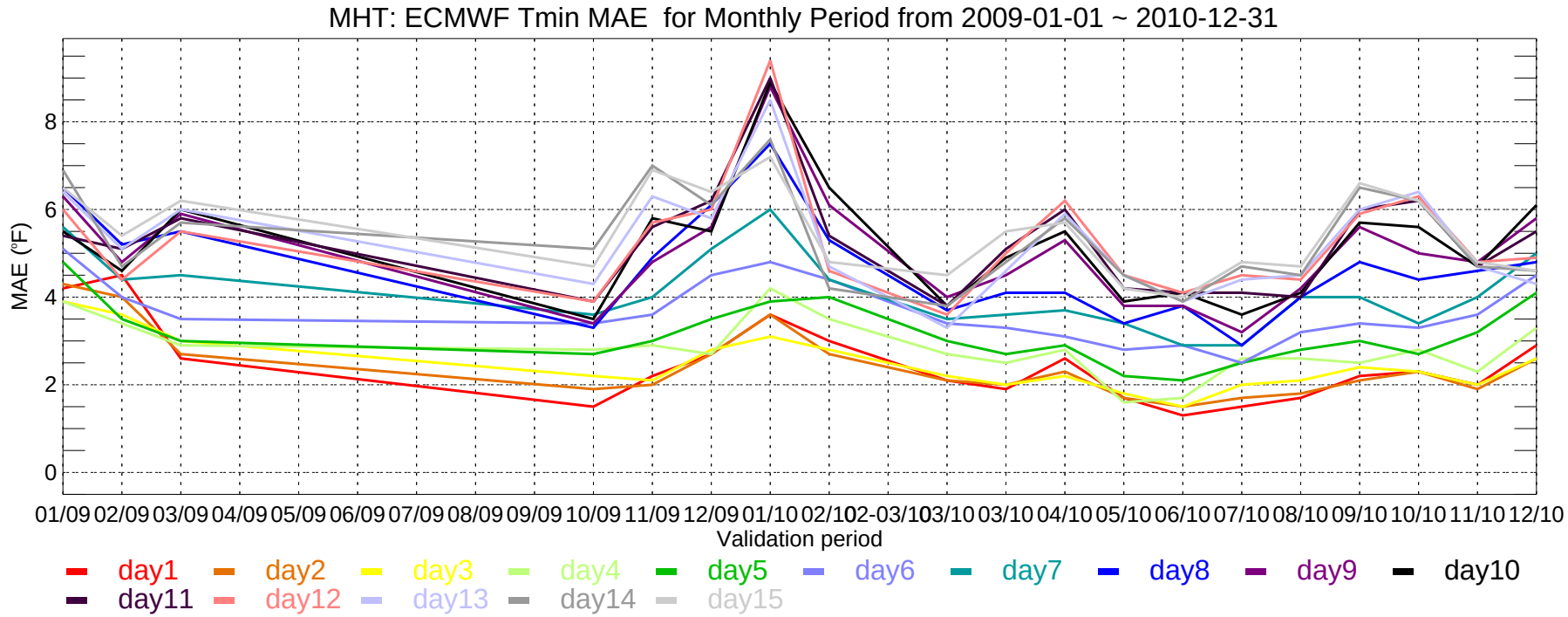

MEM: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

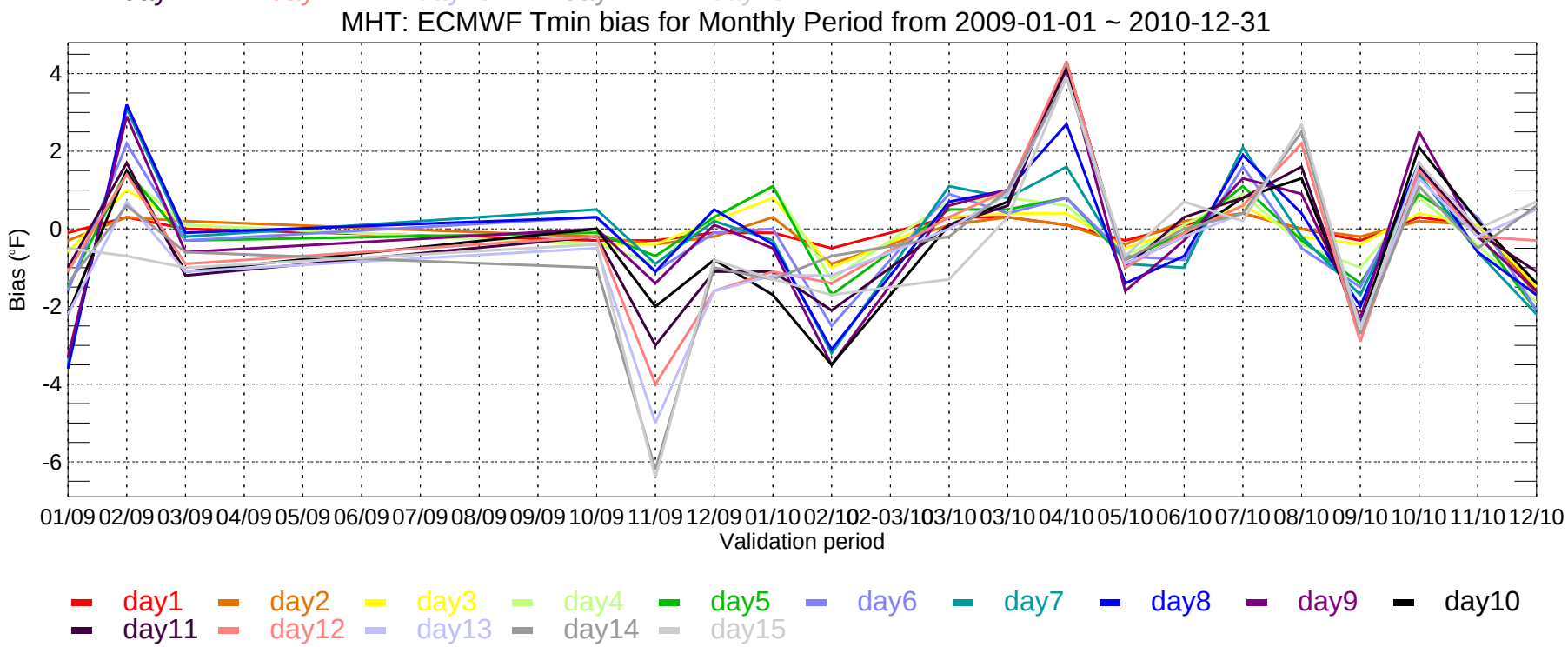

MEM: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

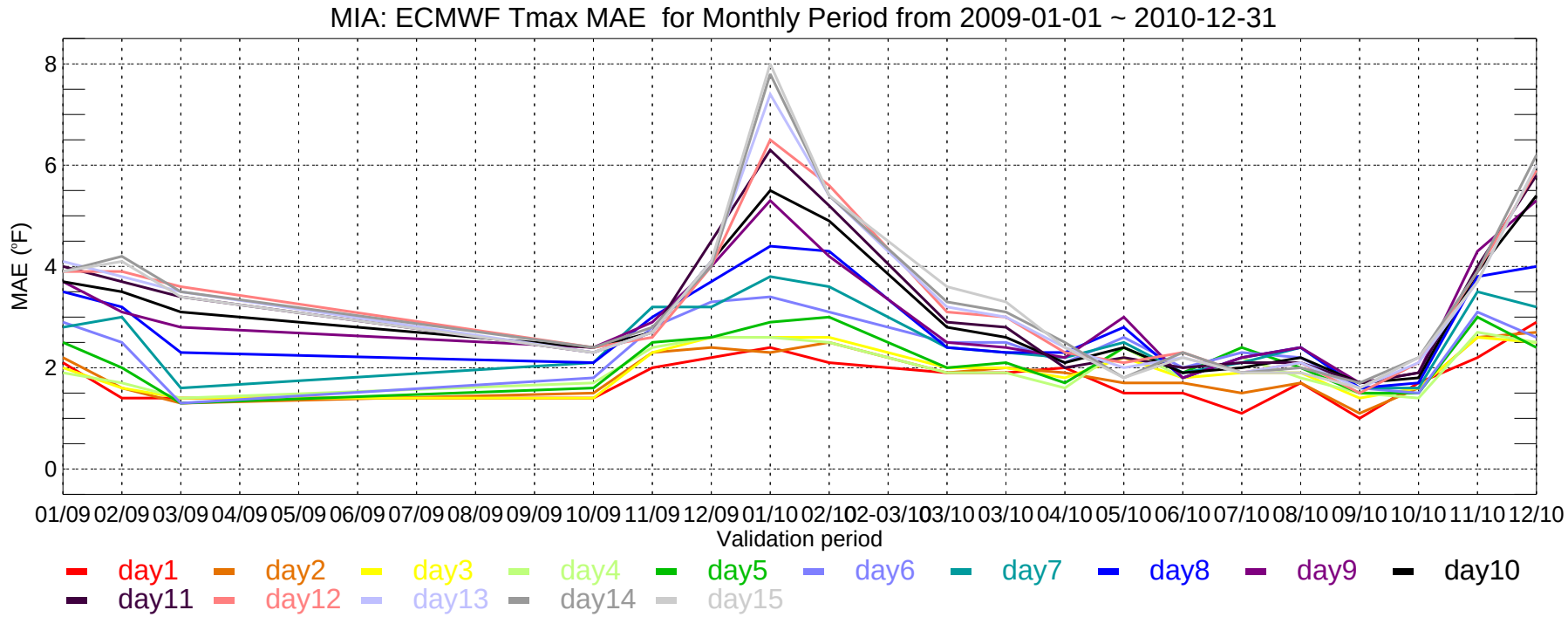

MEM: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

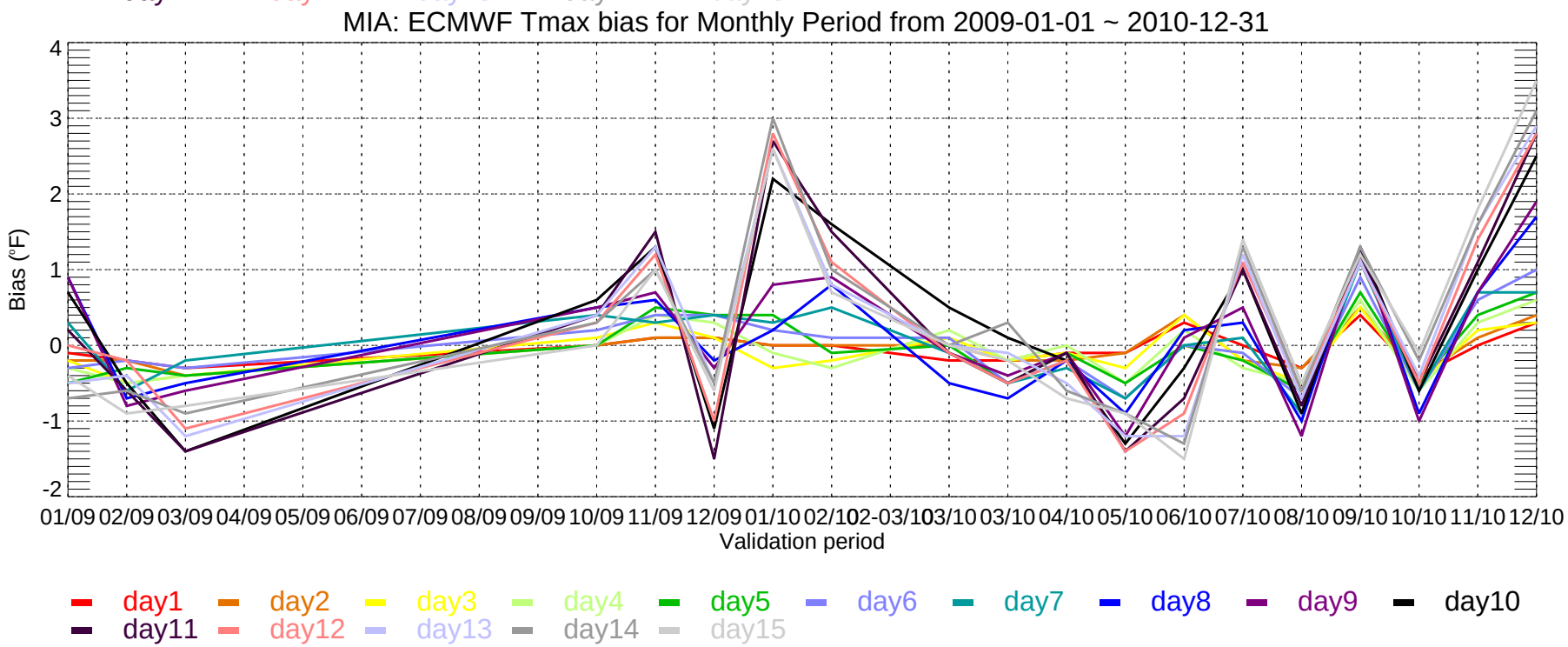

MHT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

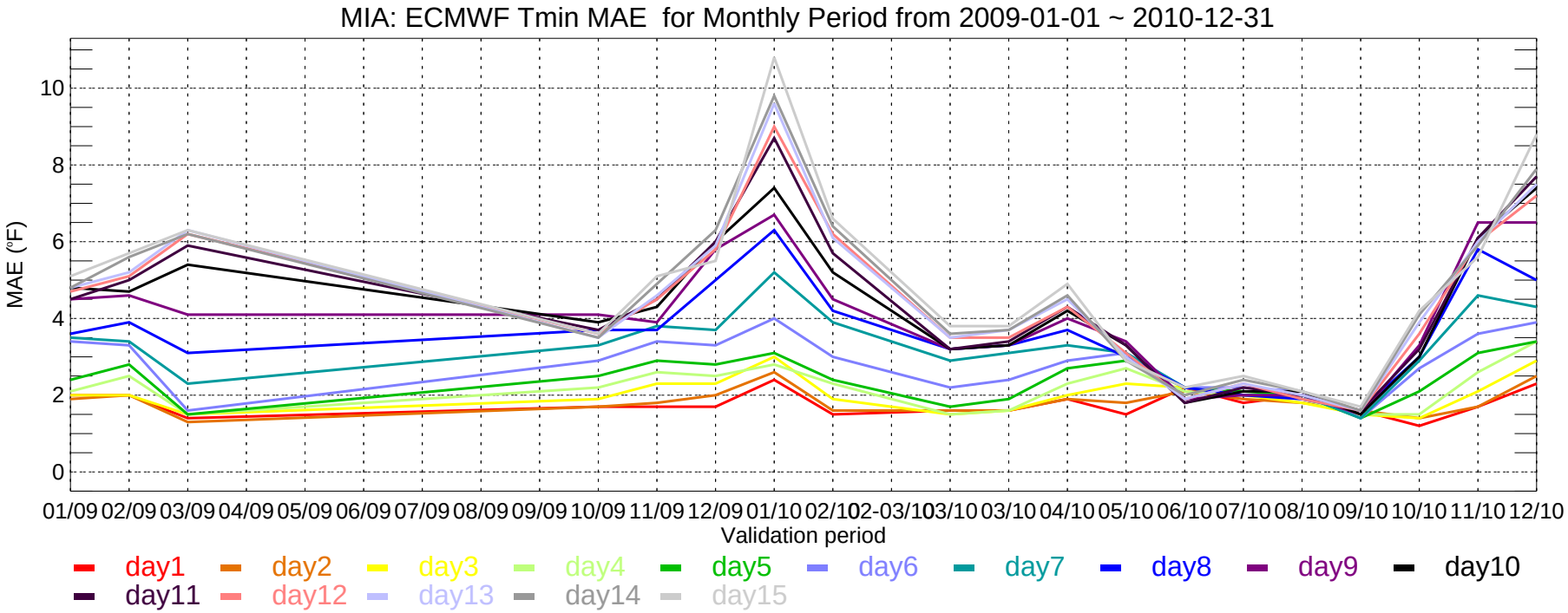

MHT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

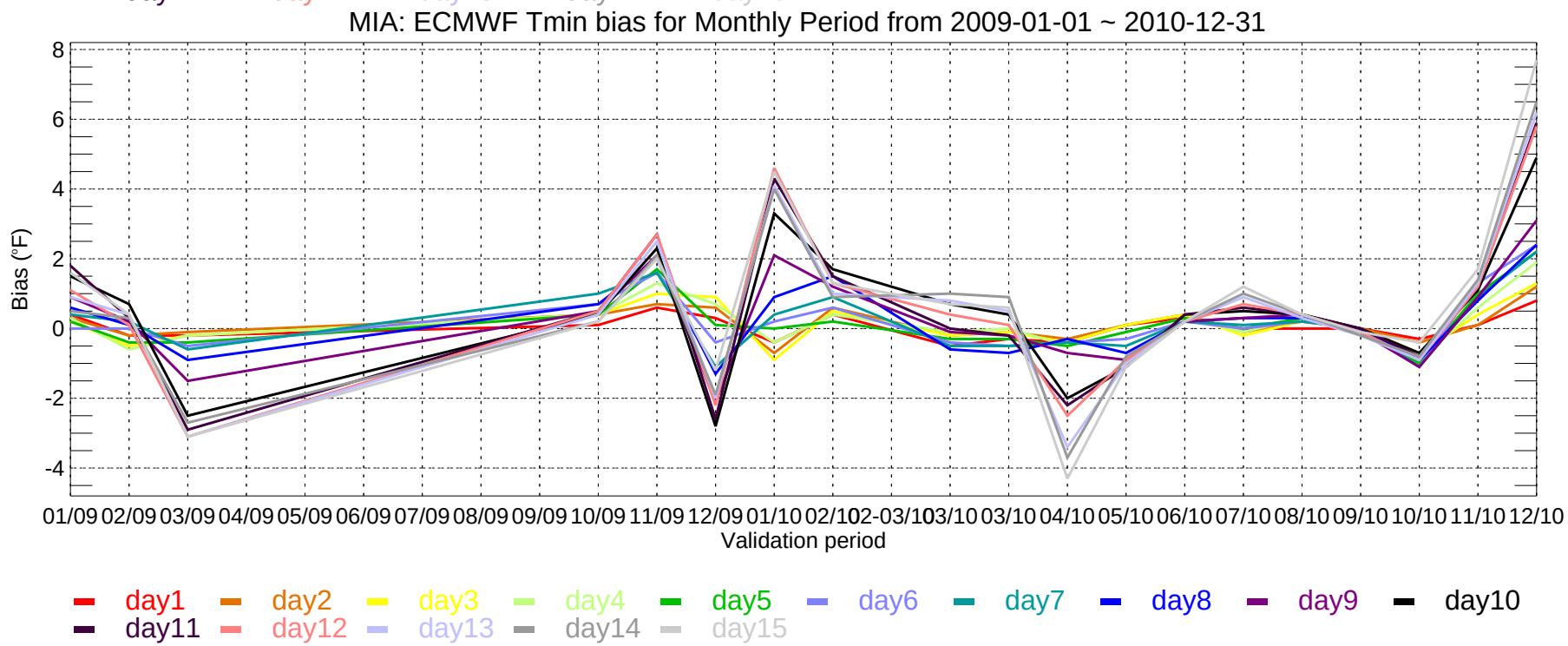

MHT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

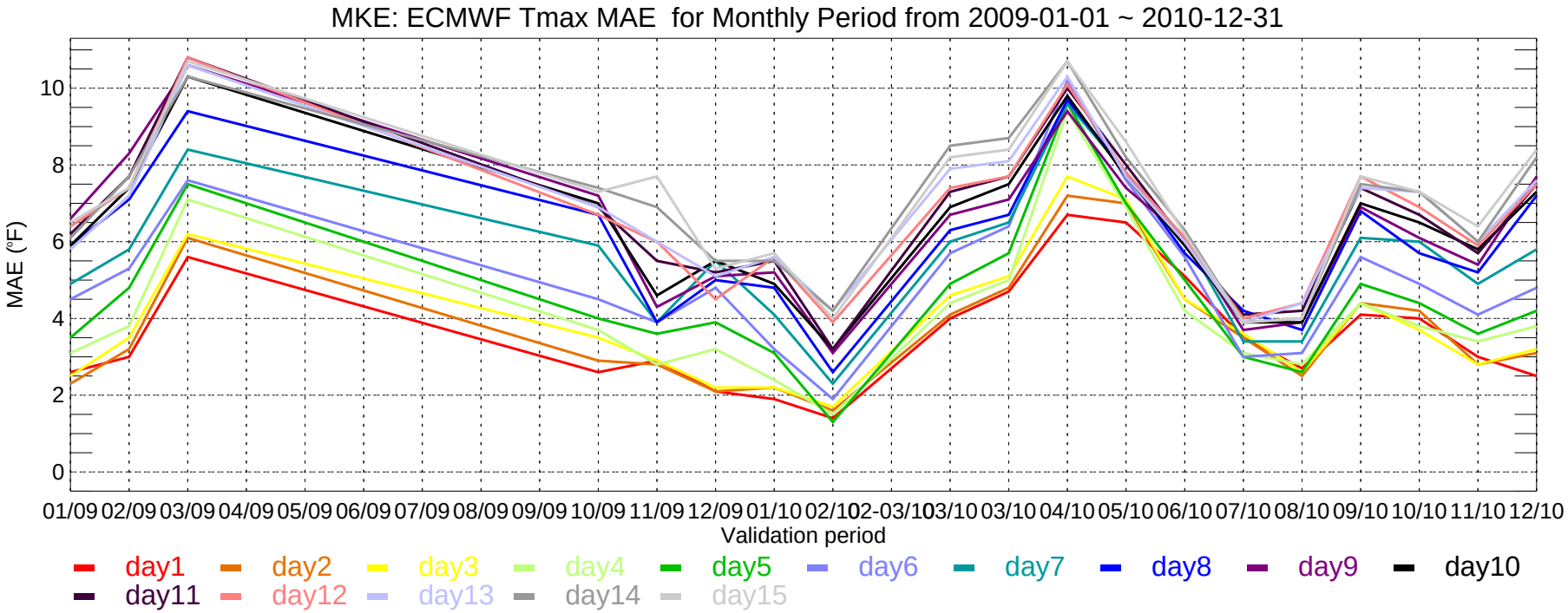

MHT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

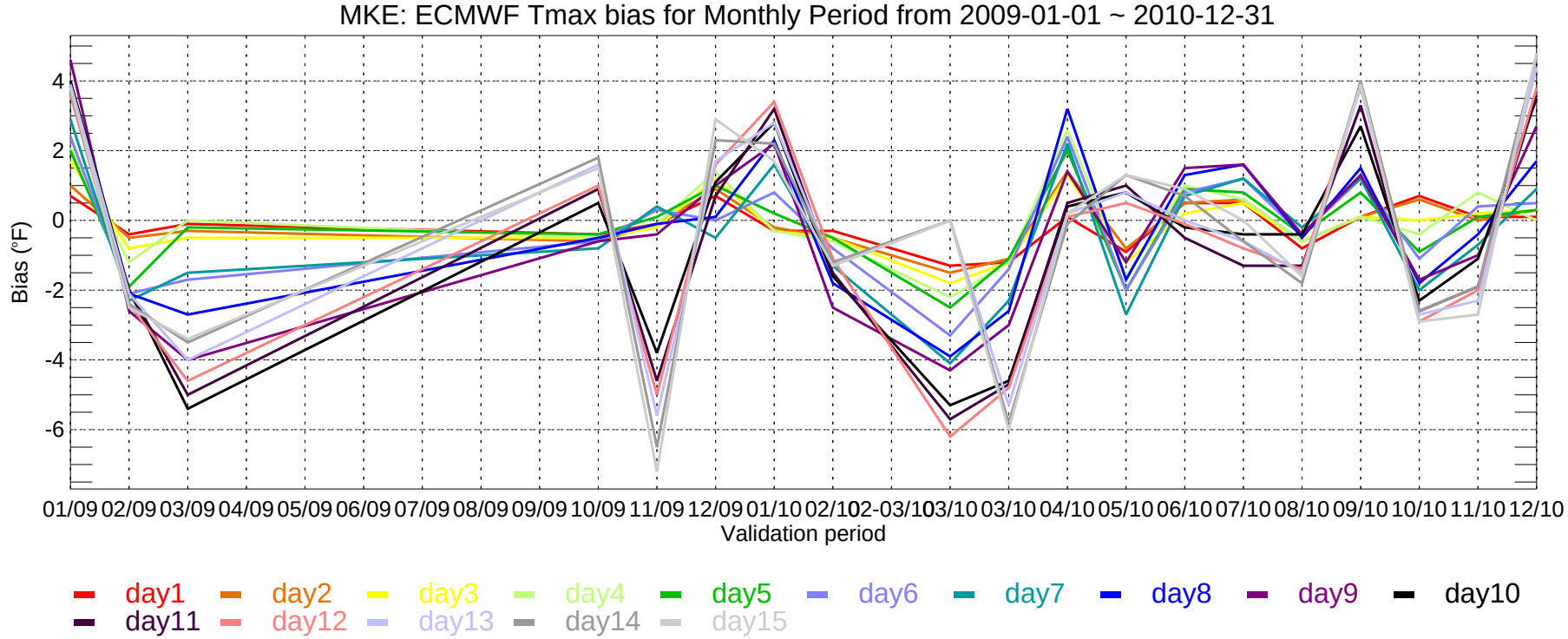

MIA: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

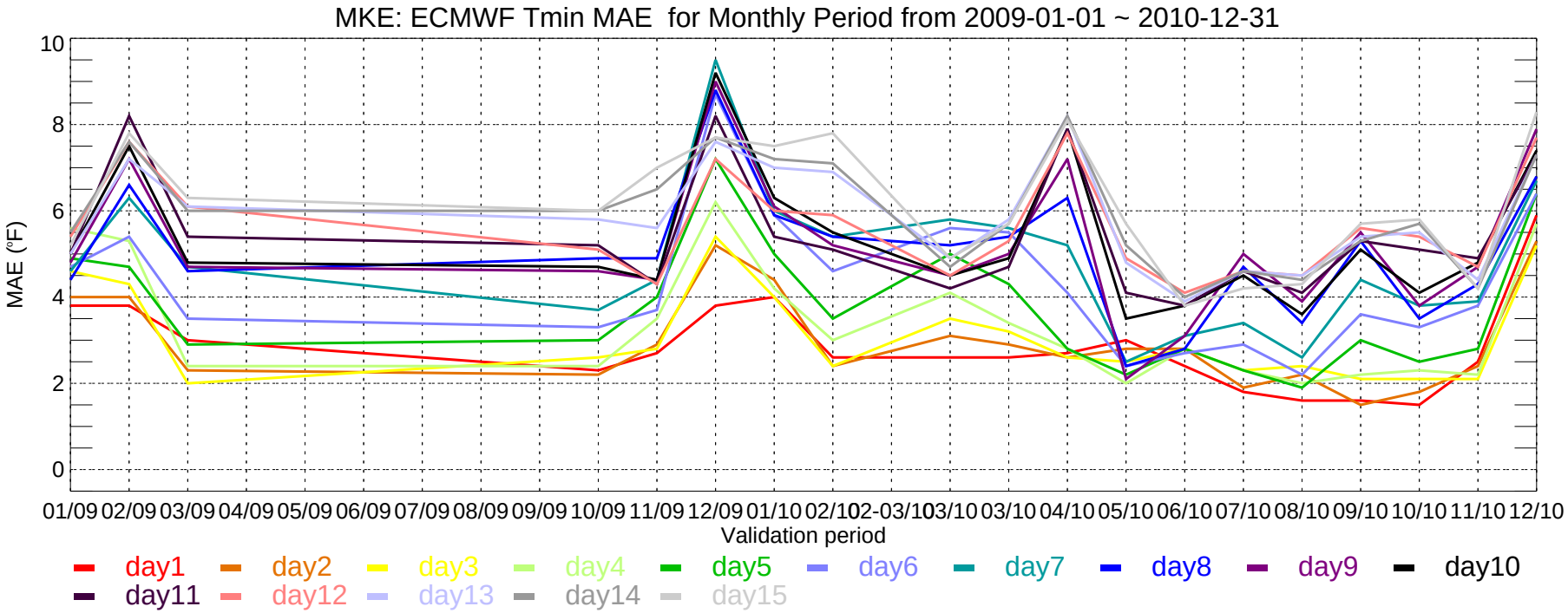

MIA: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-2
-1
0
1
2
3
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

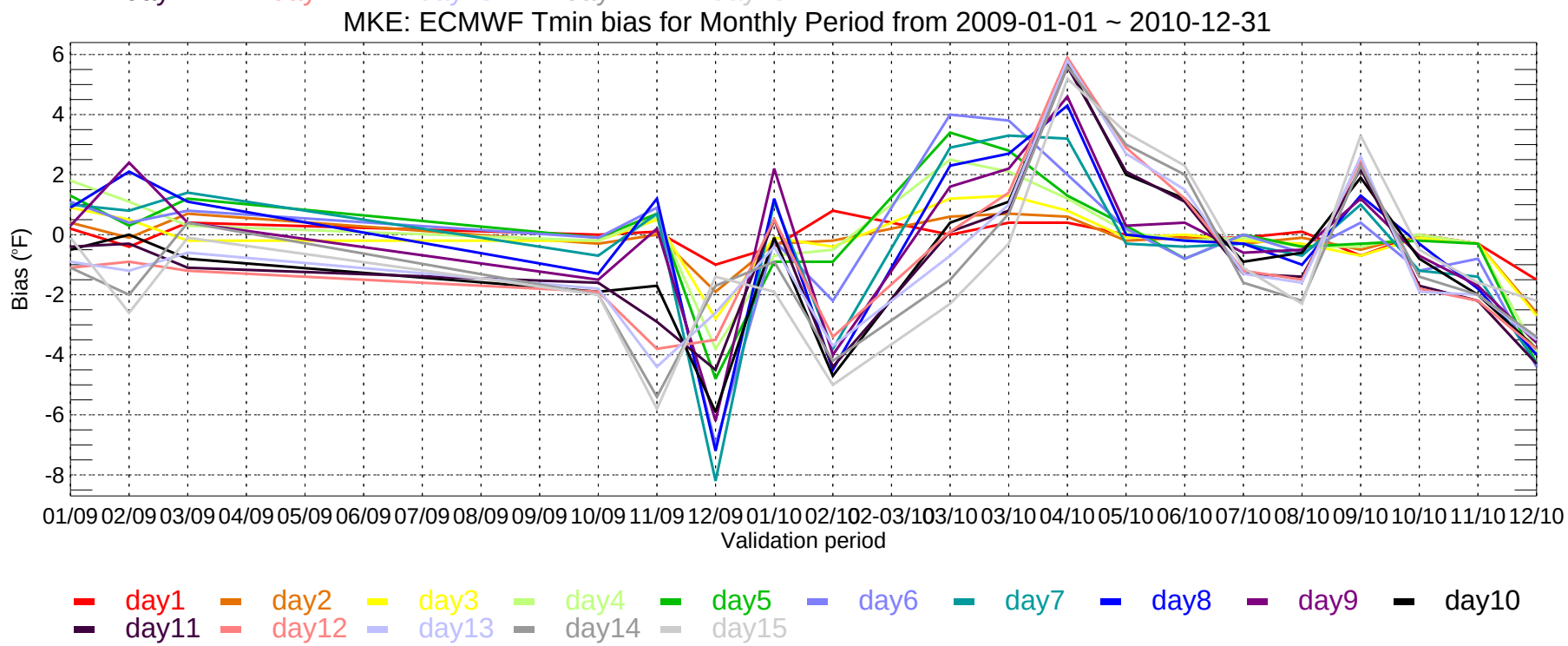

MIA: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

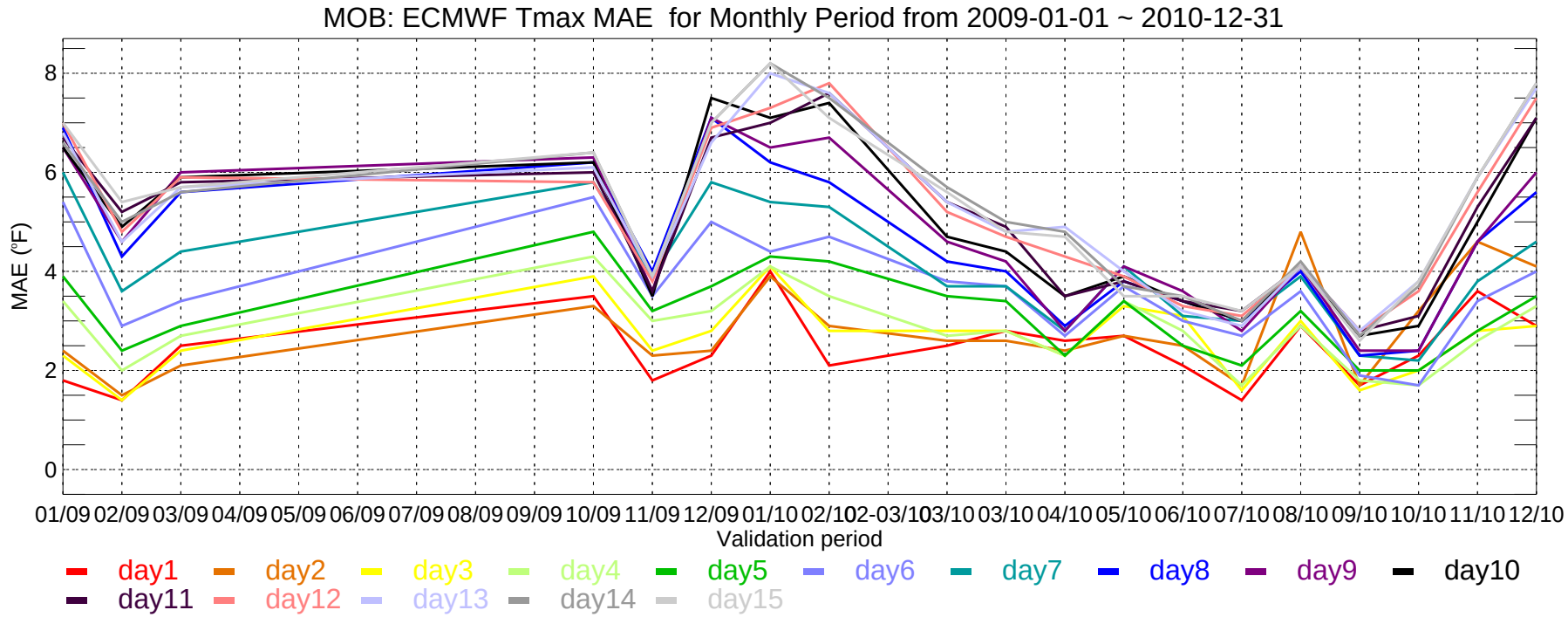

MIA: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

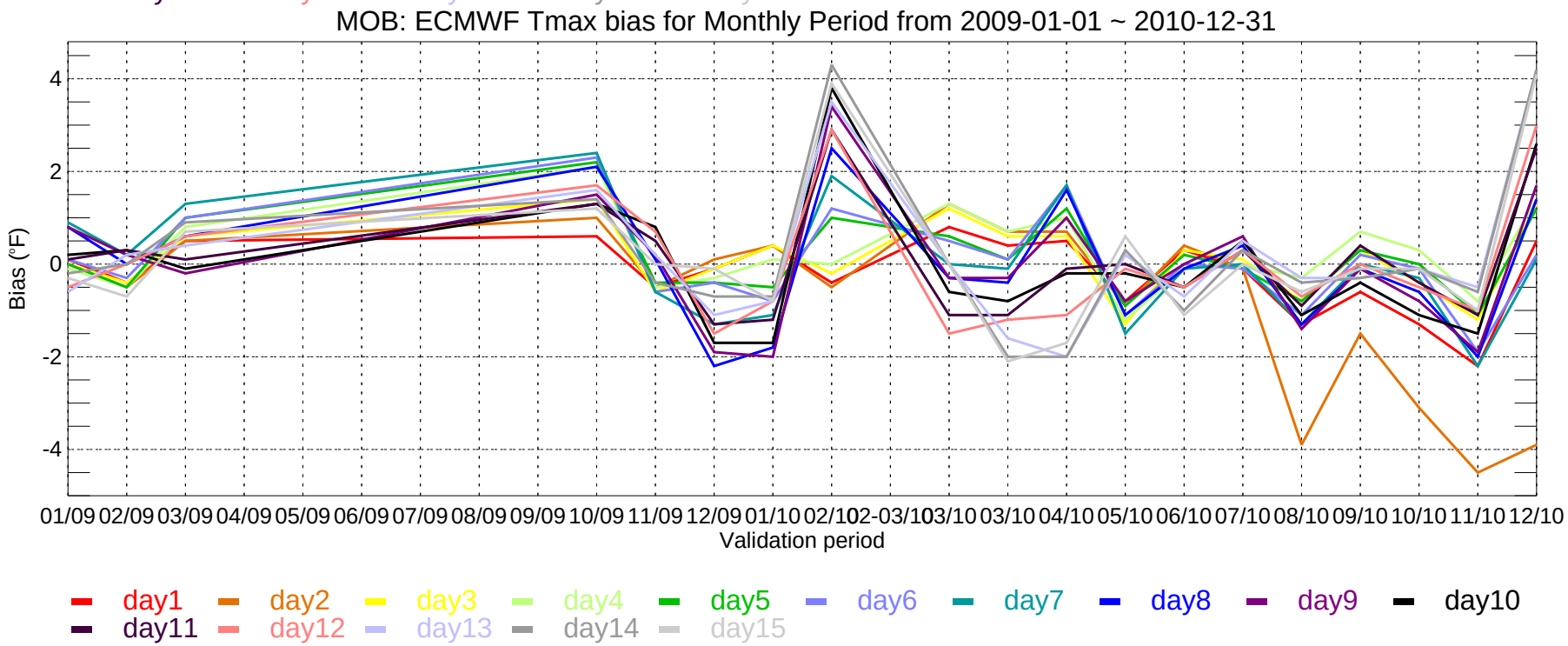

MKE: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

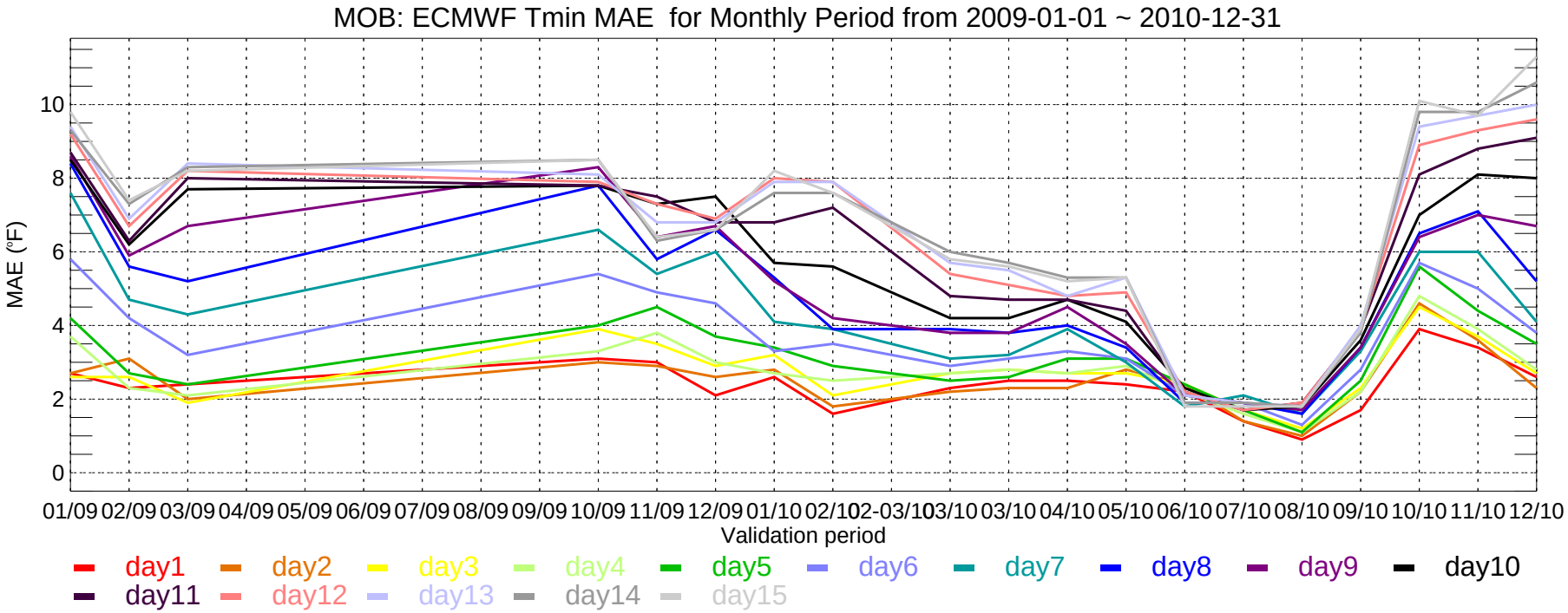

MKE: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

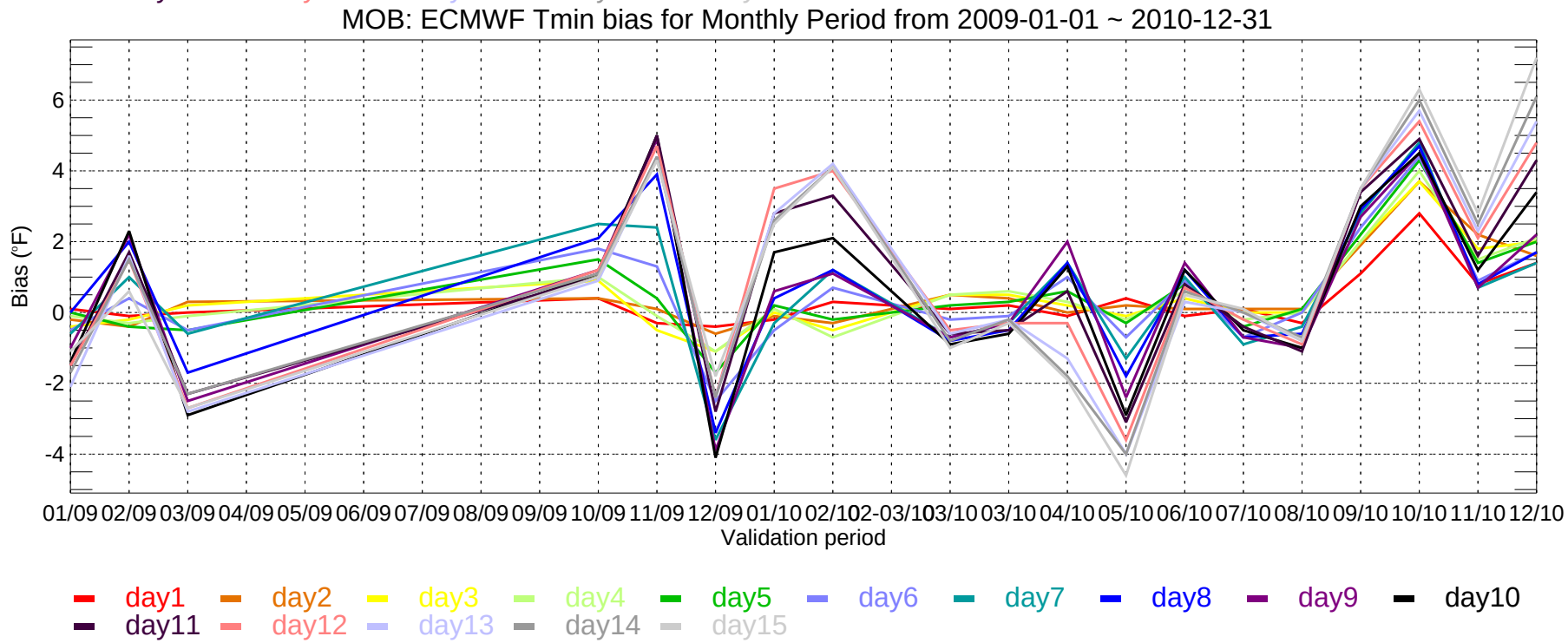

MKE: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

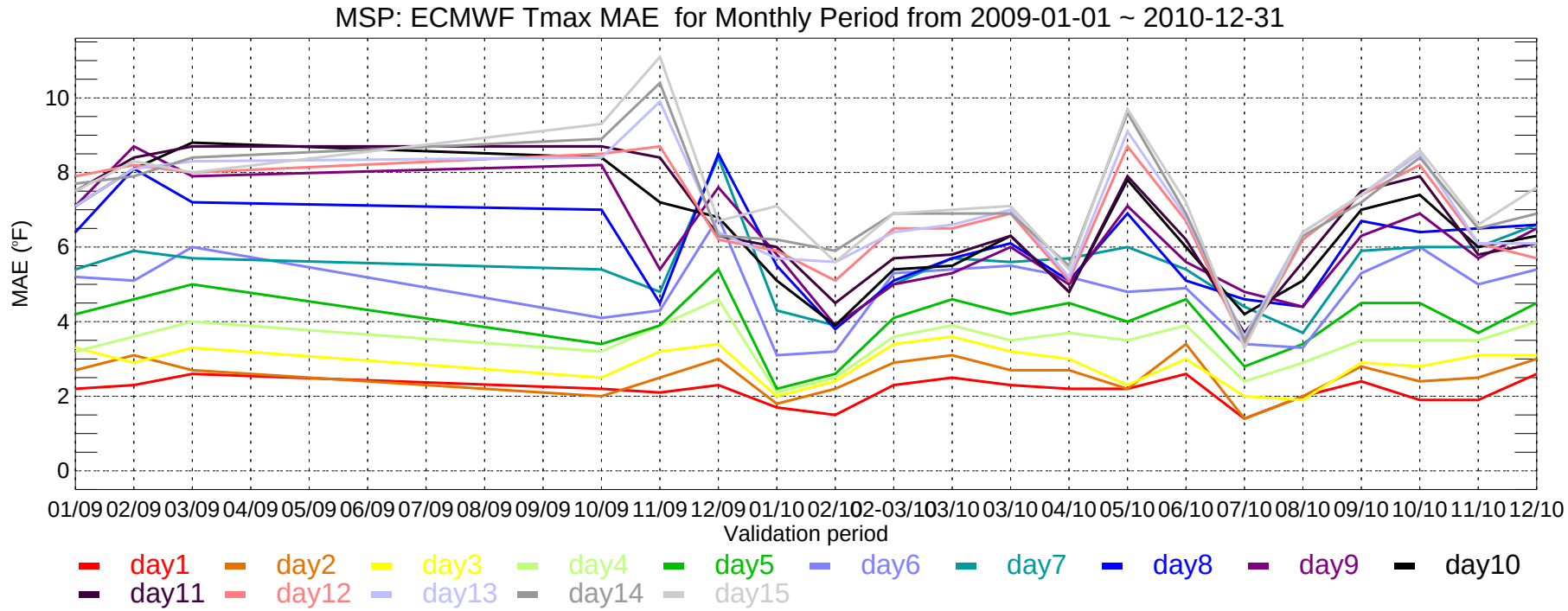

MKE: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

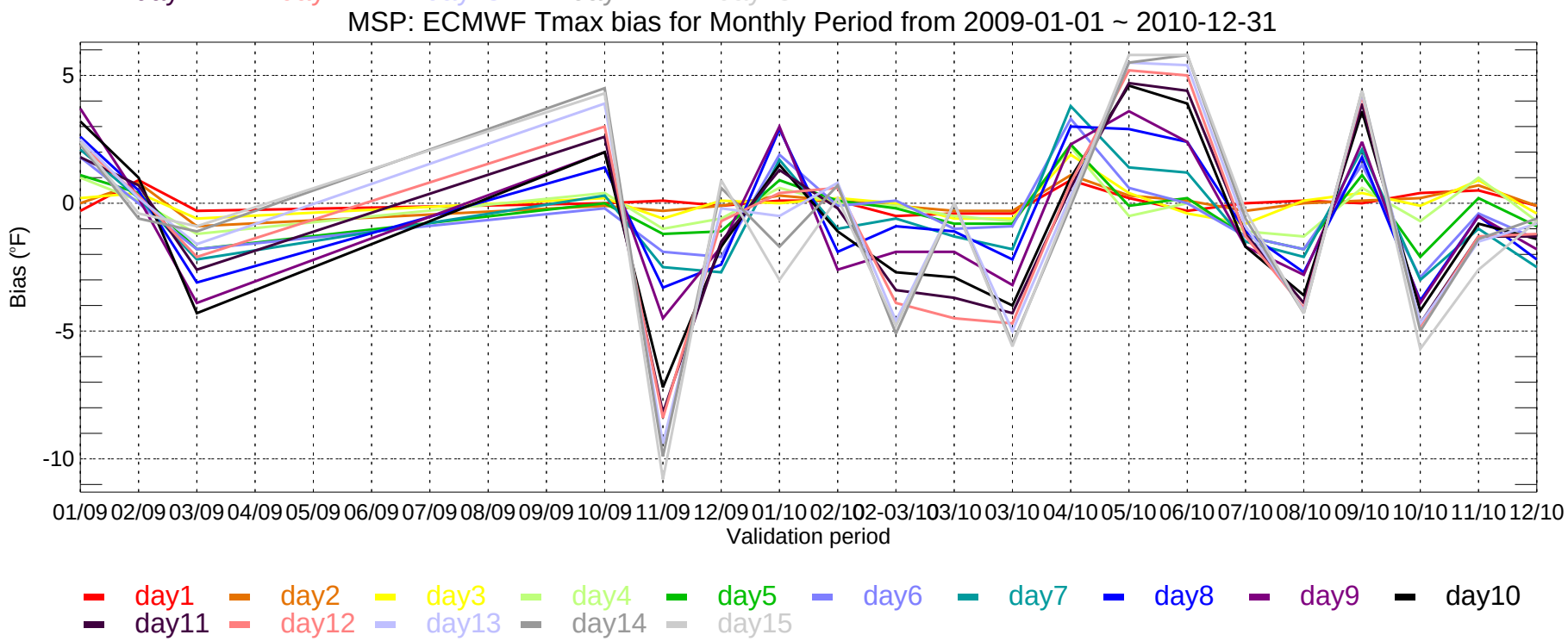

MOB: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

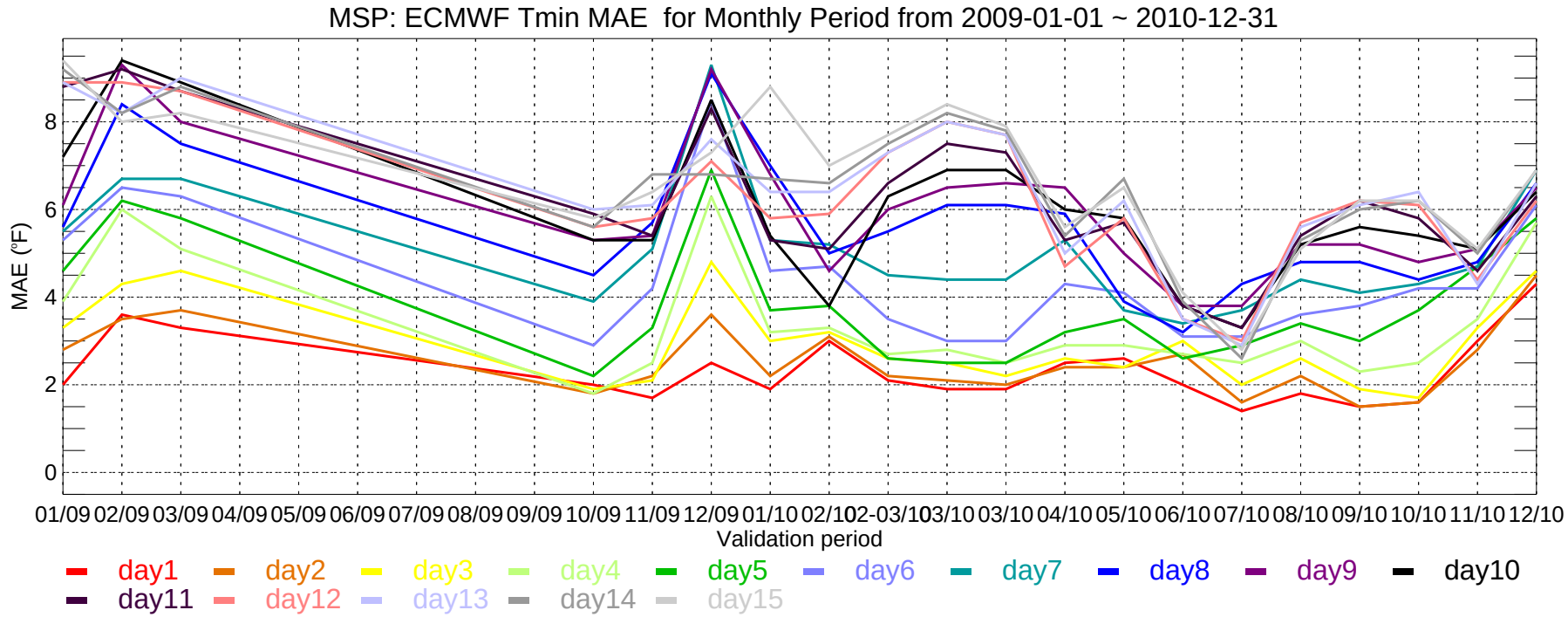

MOB: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

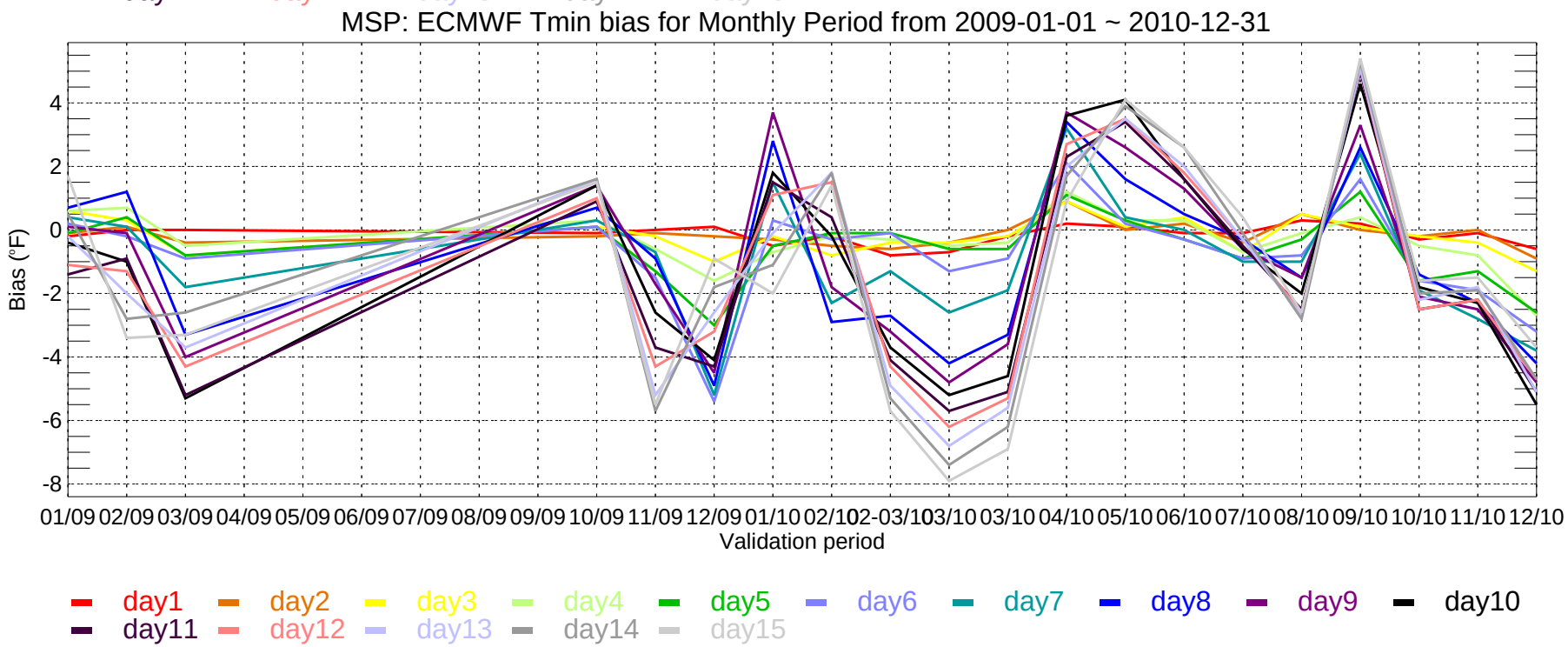

MOB: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

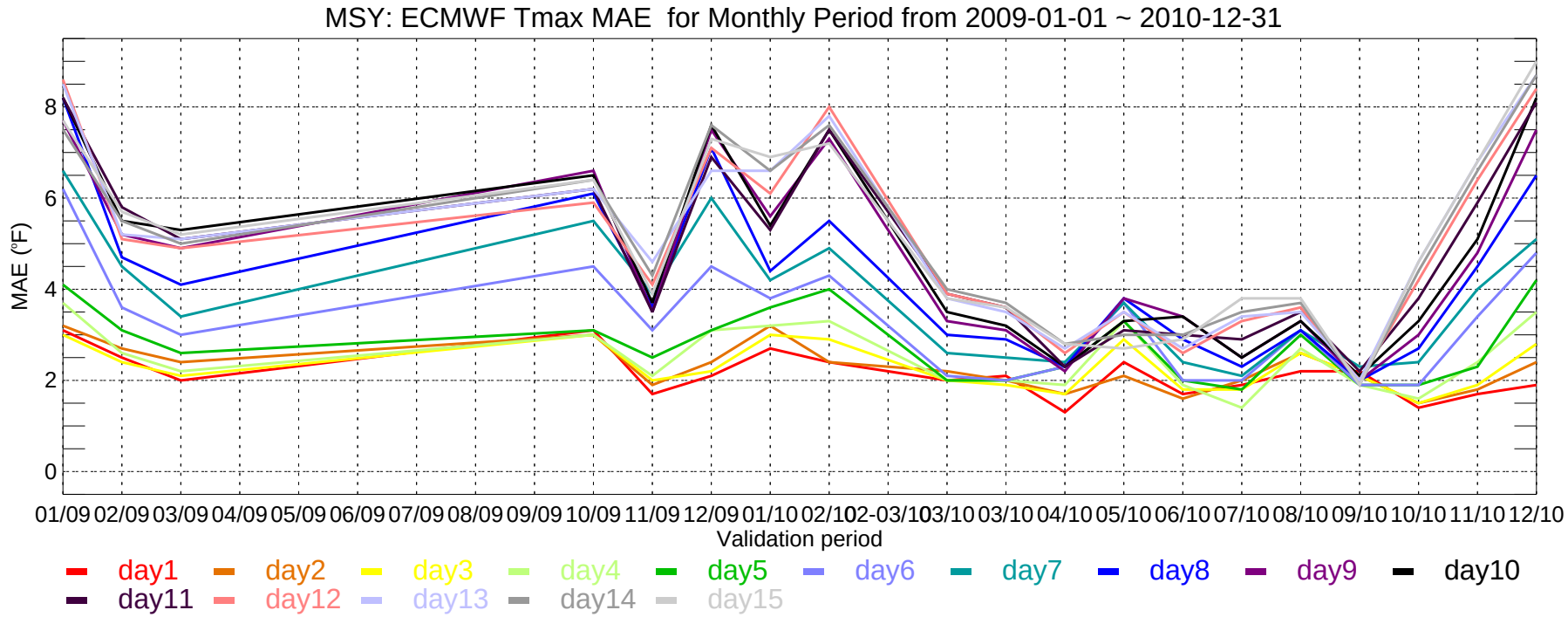

MOB: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

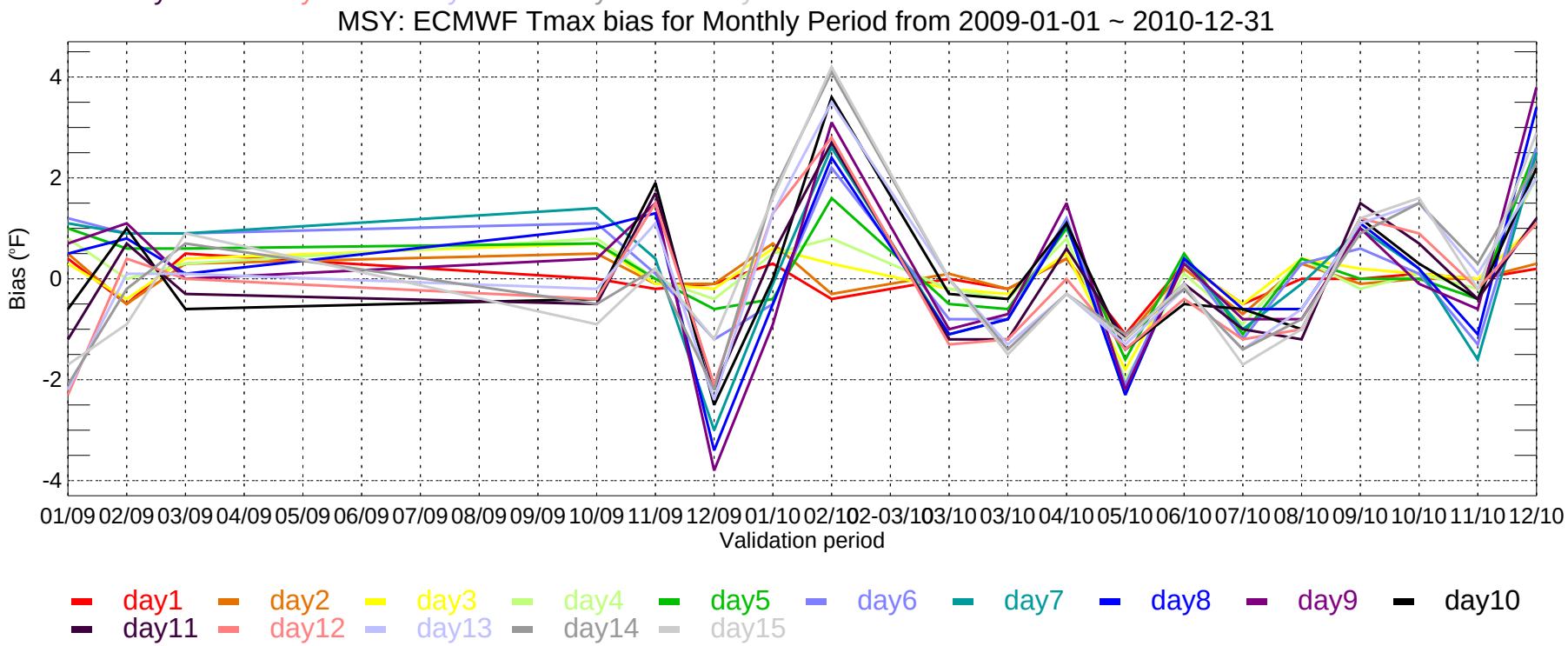

MSP: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

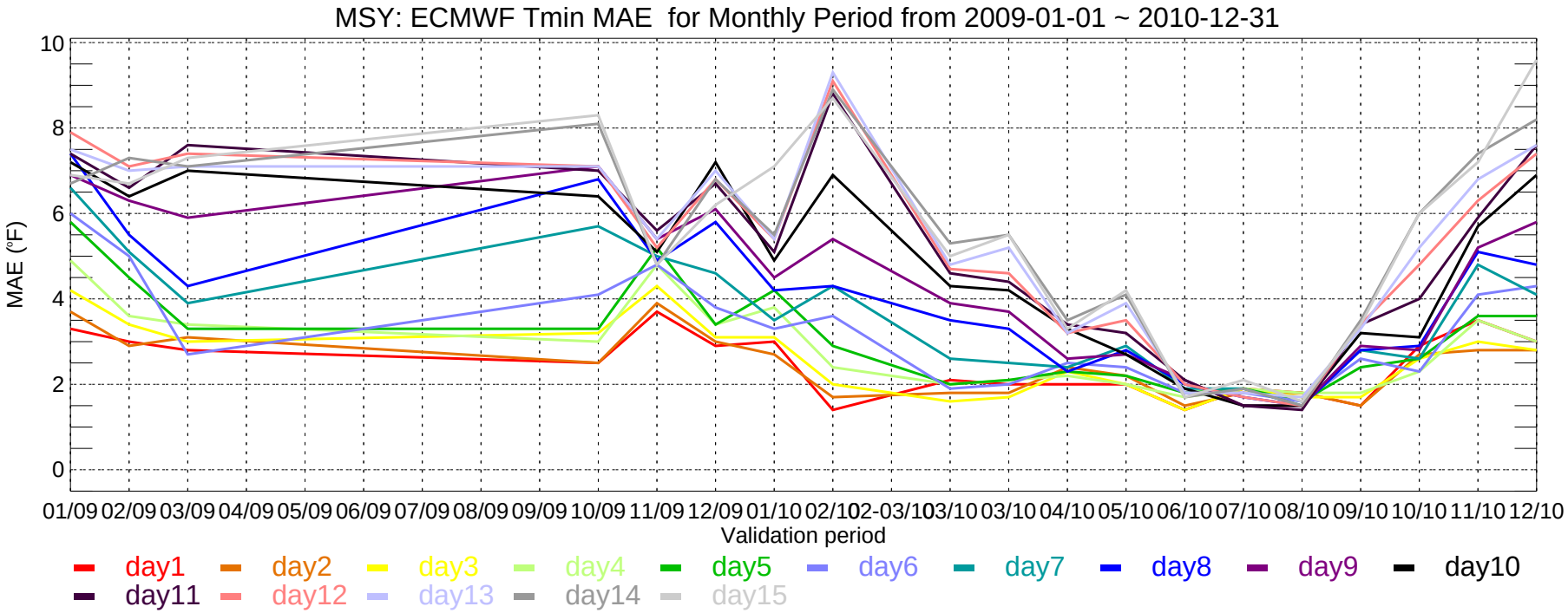

MSP: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-10
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

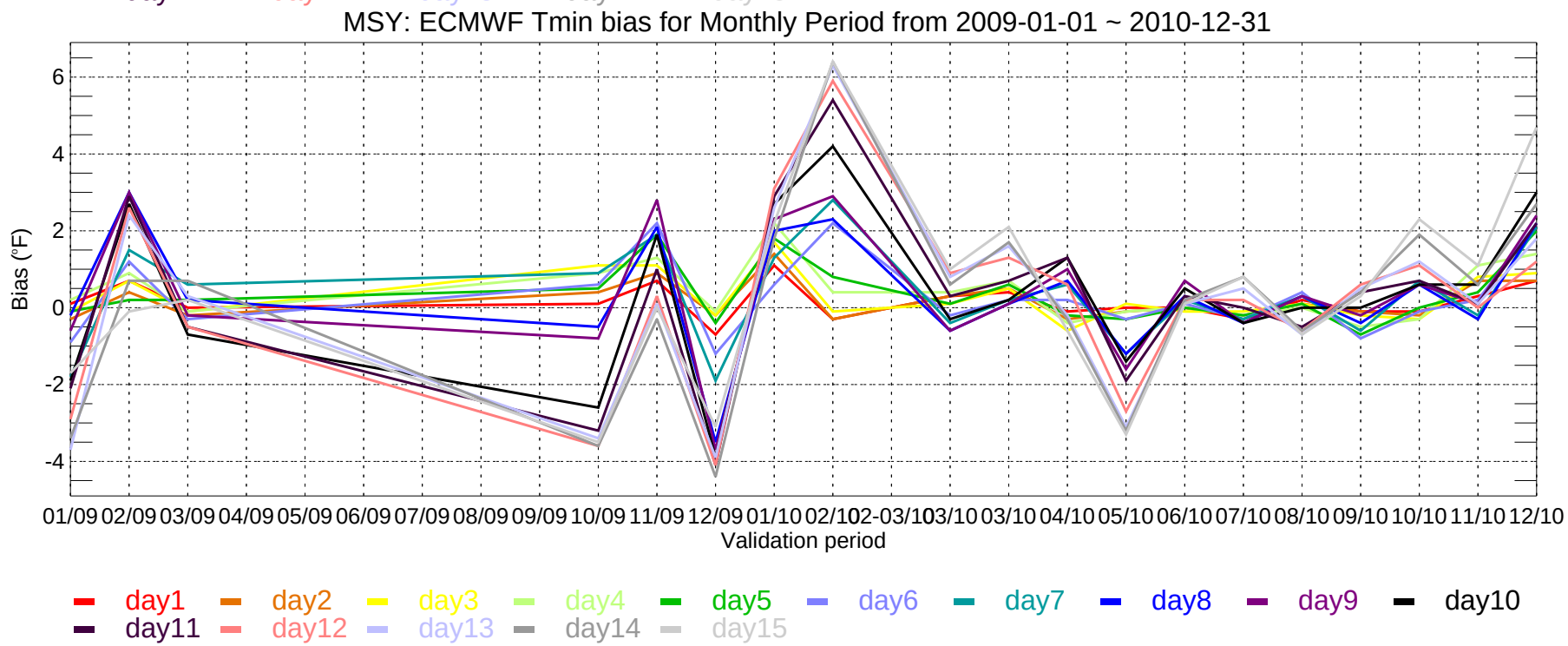

MSP: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

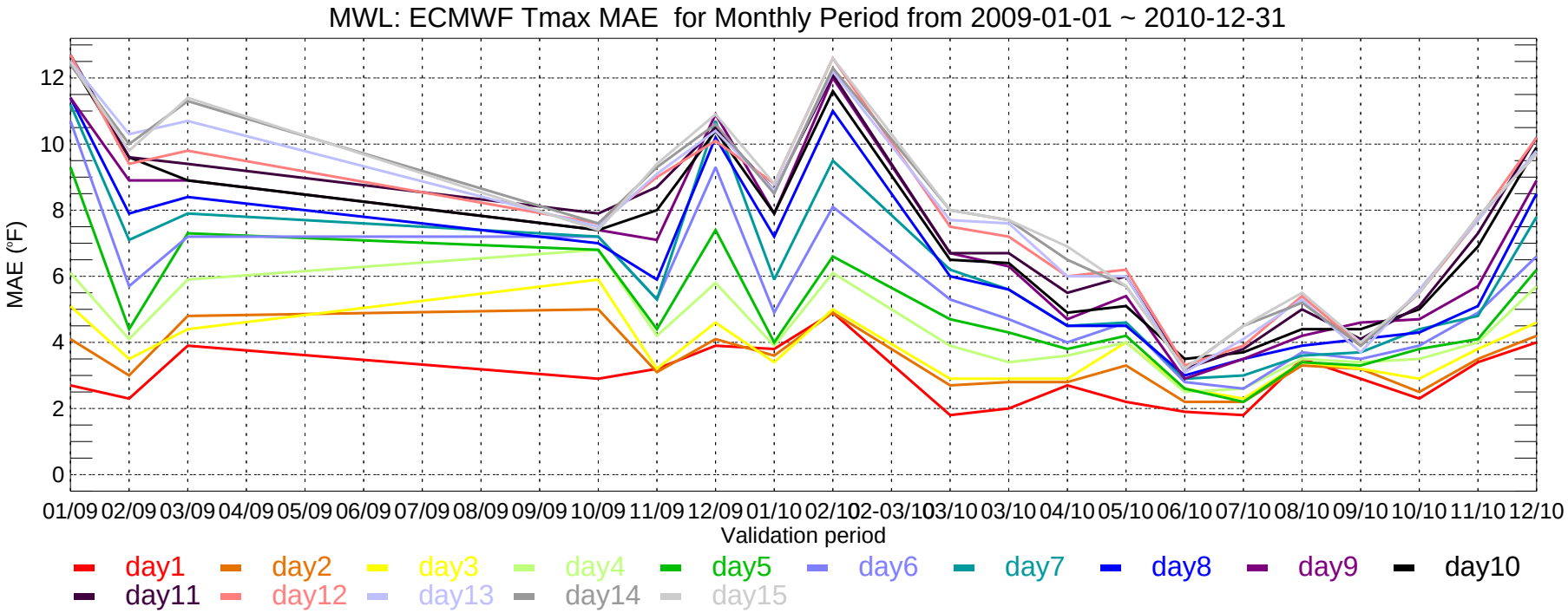

MSP: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

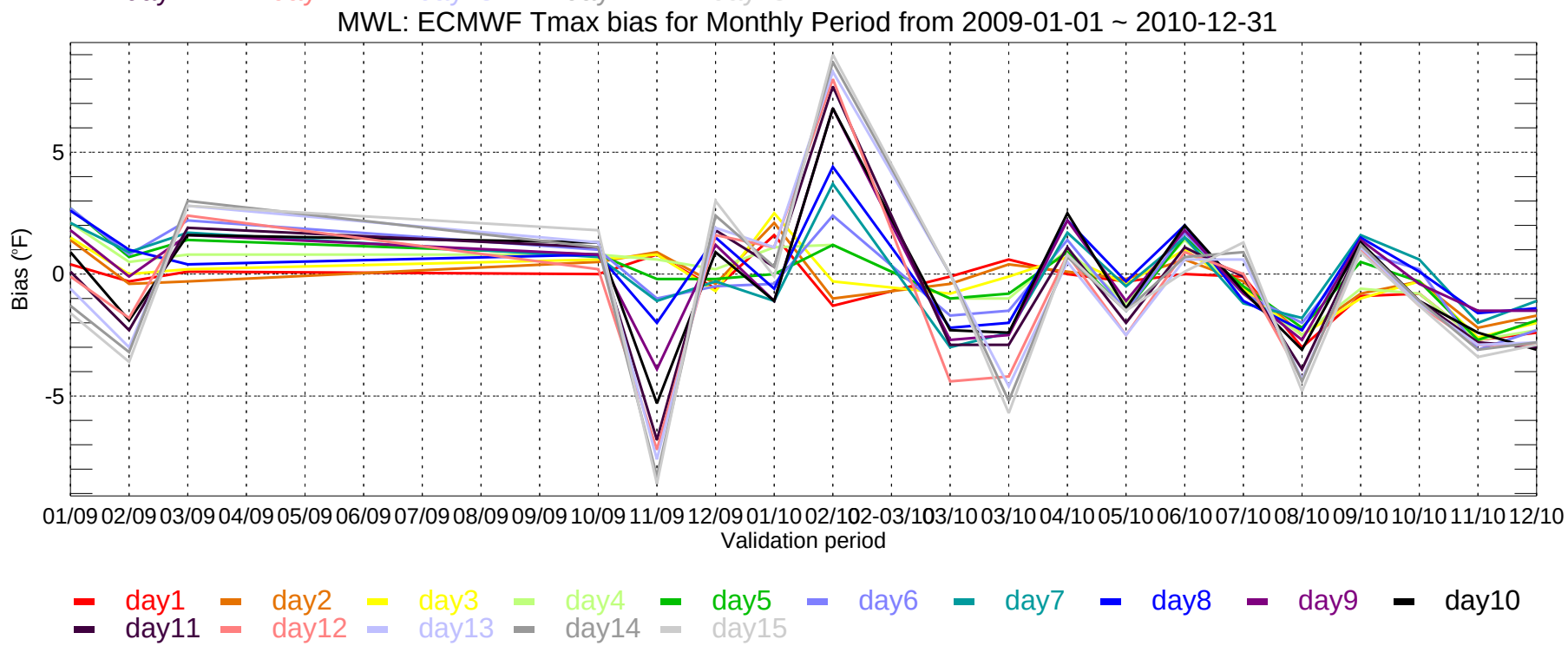

MSY: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

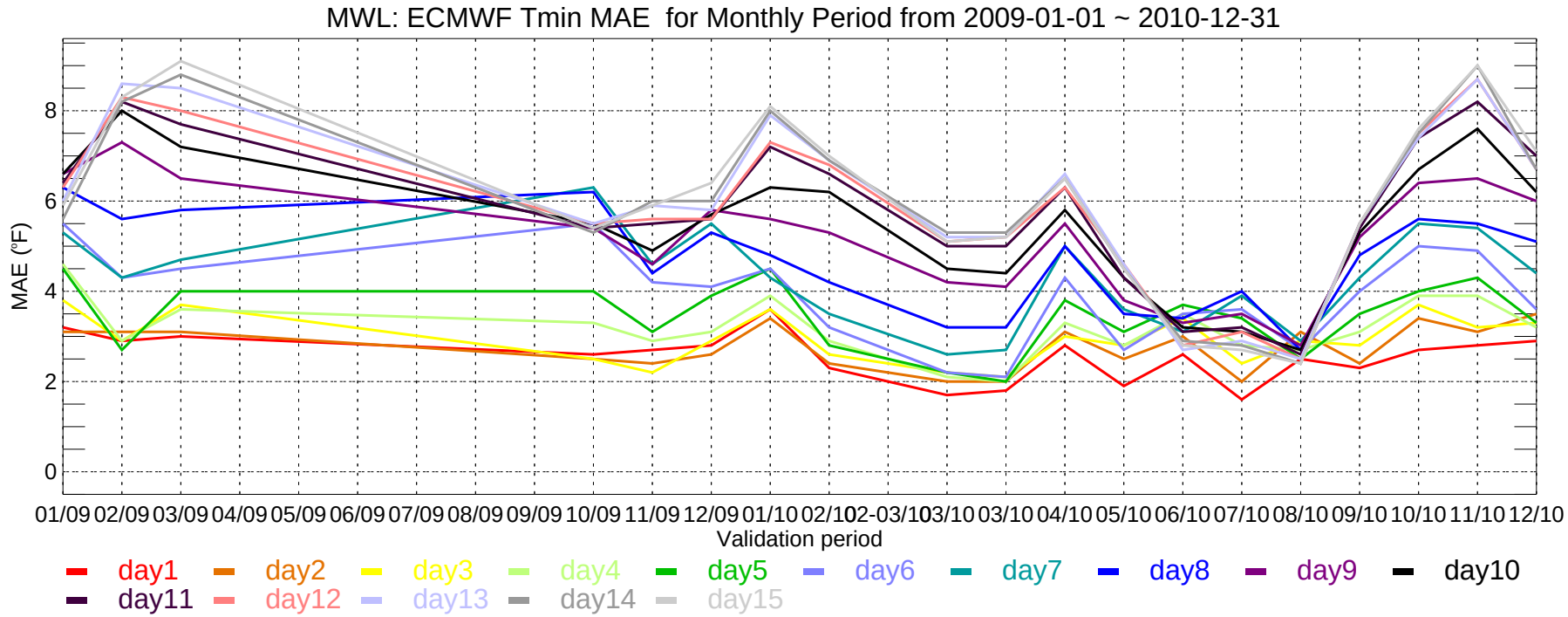

MSY: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

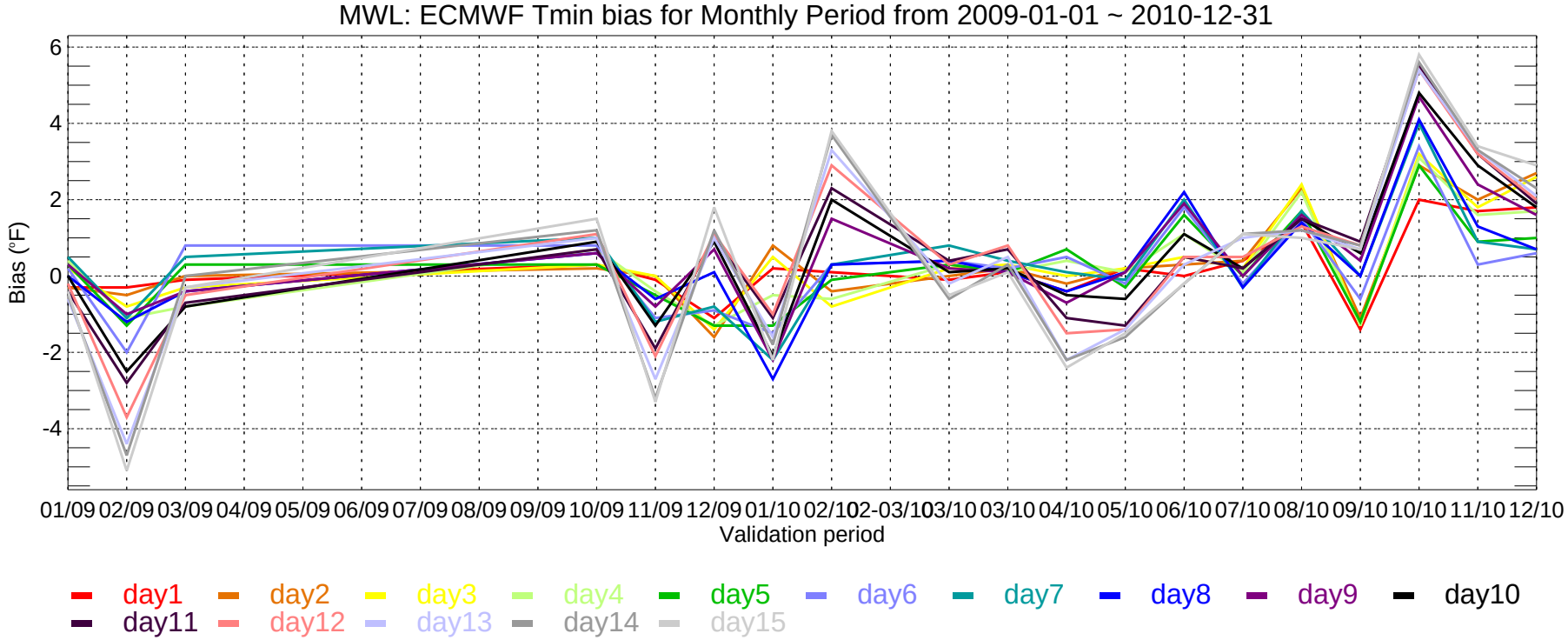

MSY: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

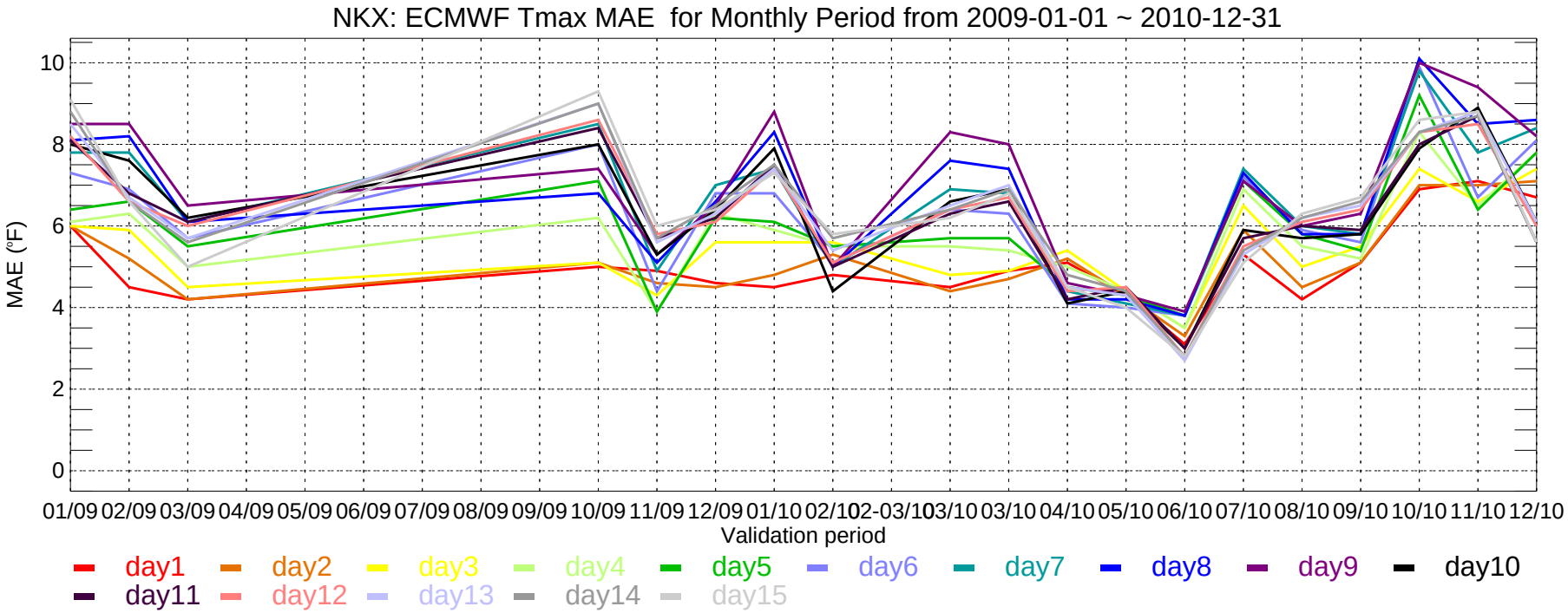

MSY: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

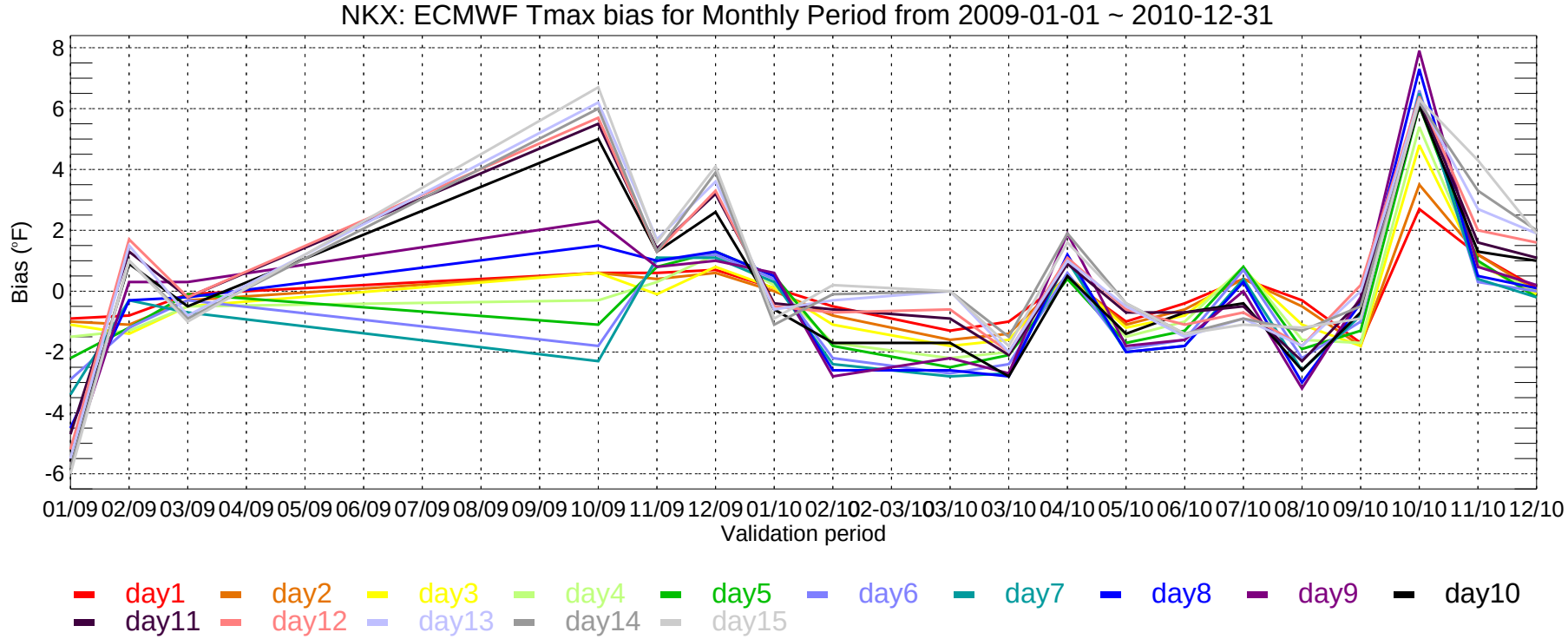

MWL: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

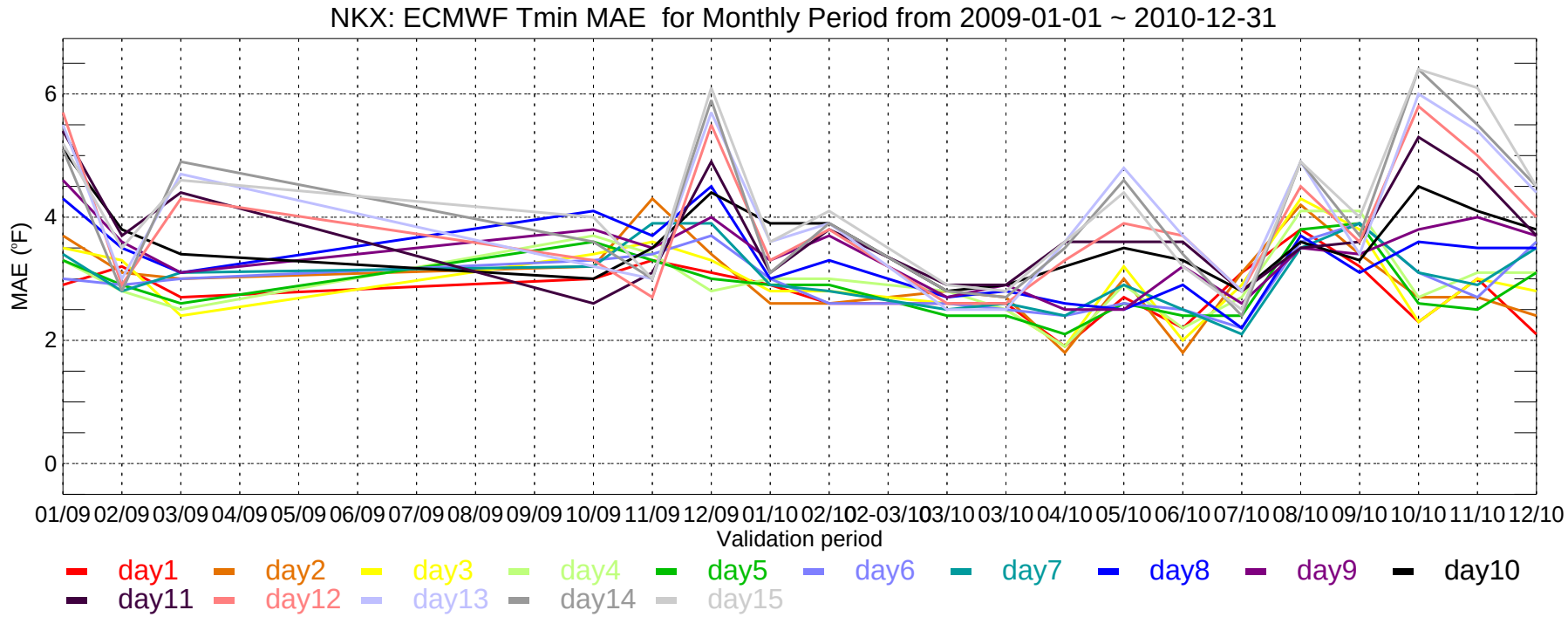

MWL: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

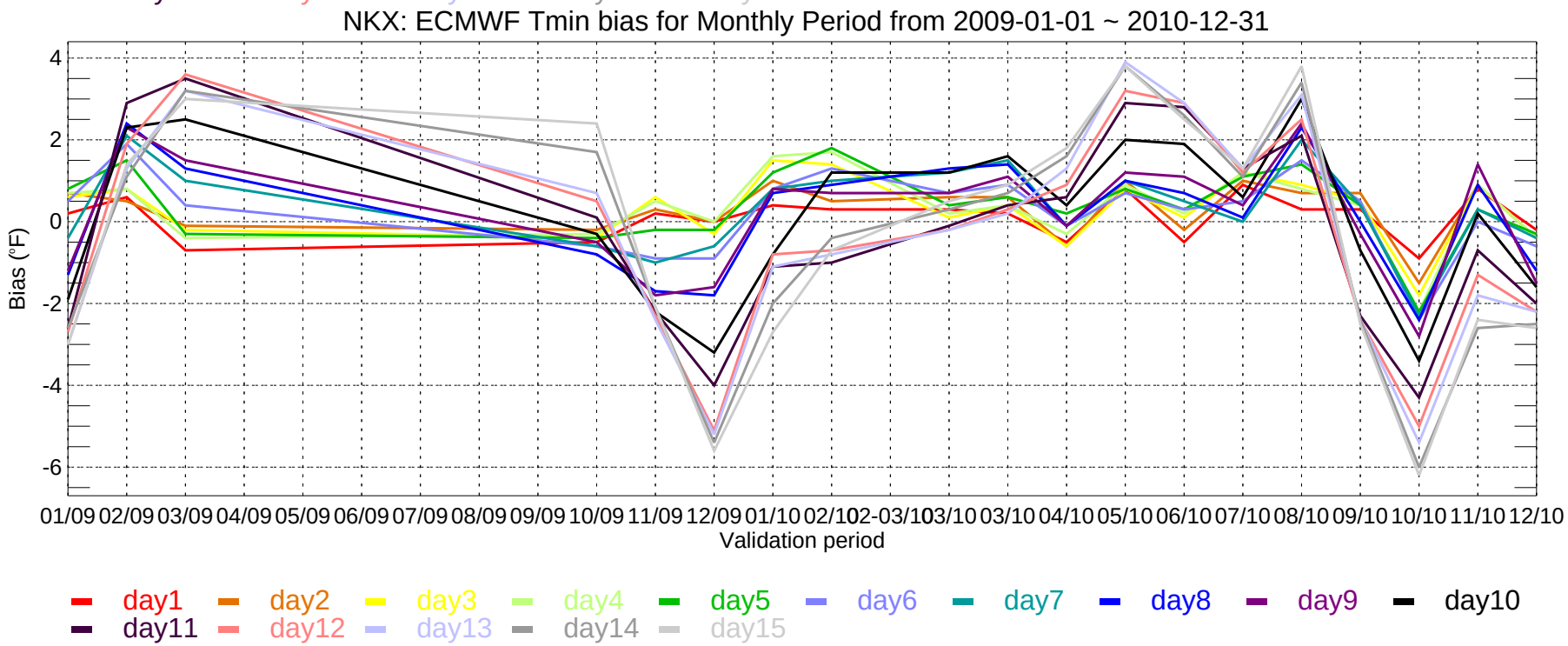

MWL: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

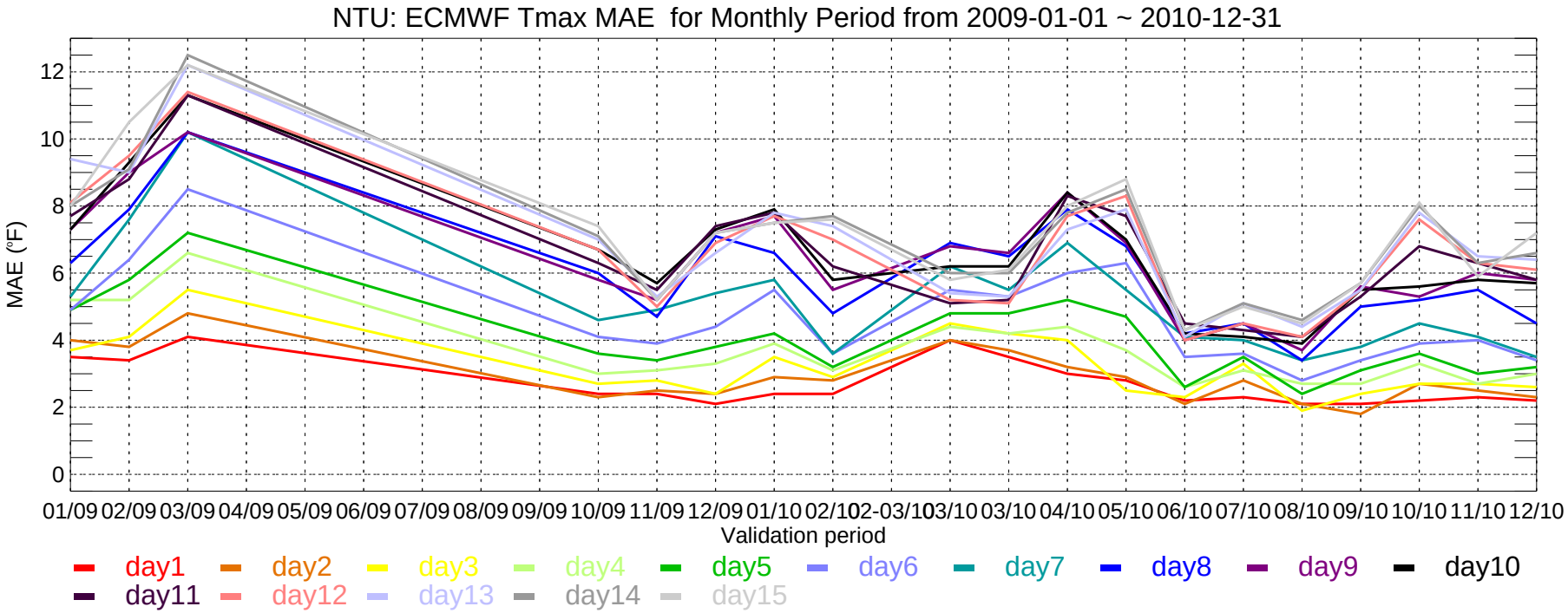

MWL: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

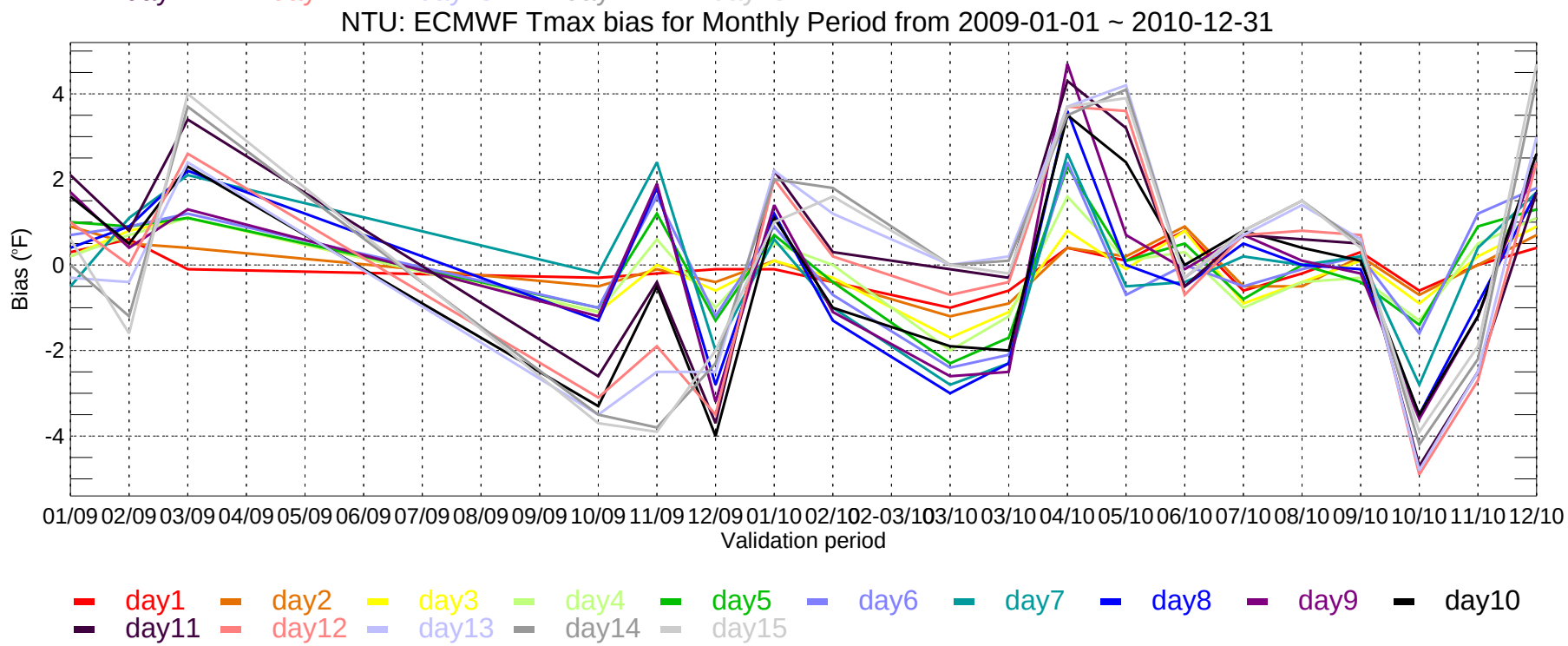

NKX: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

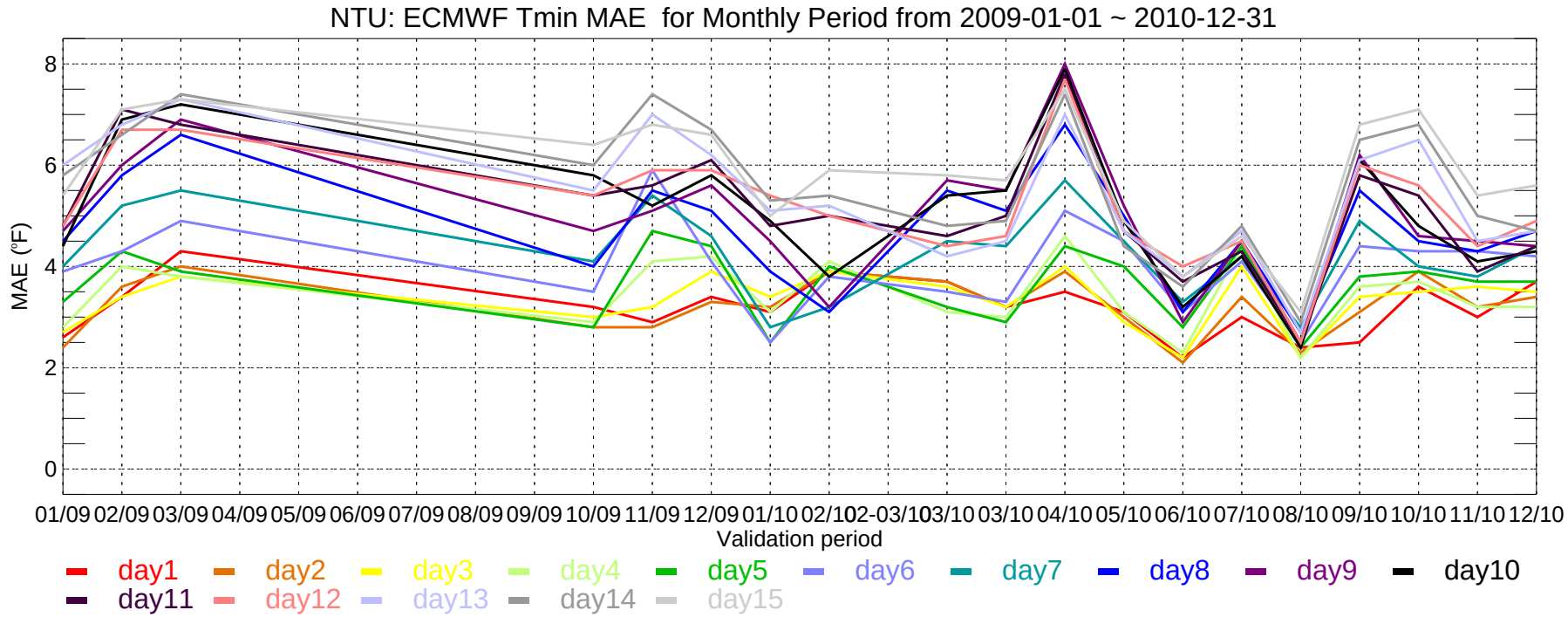

NKX: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

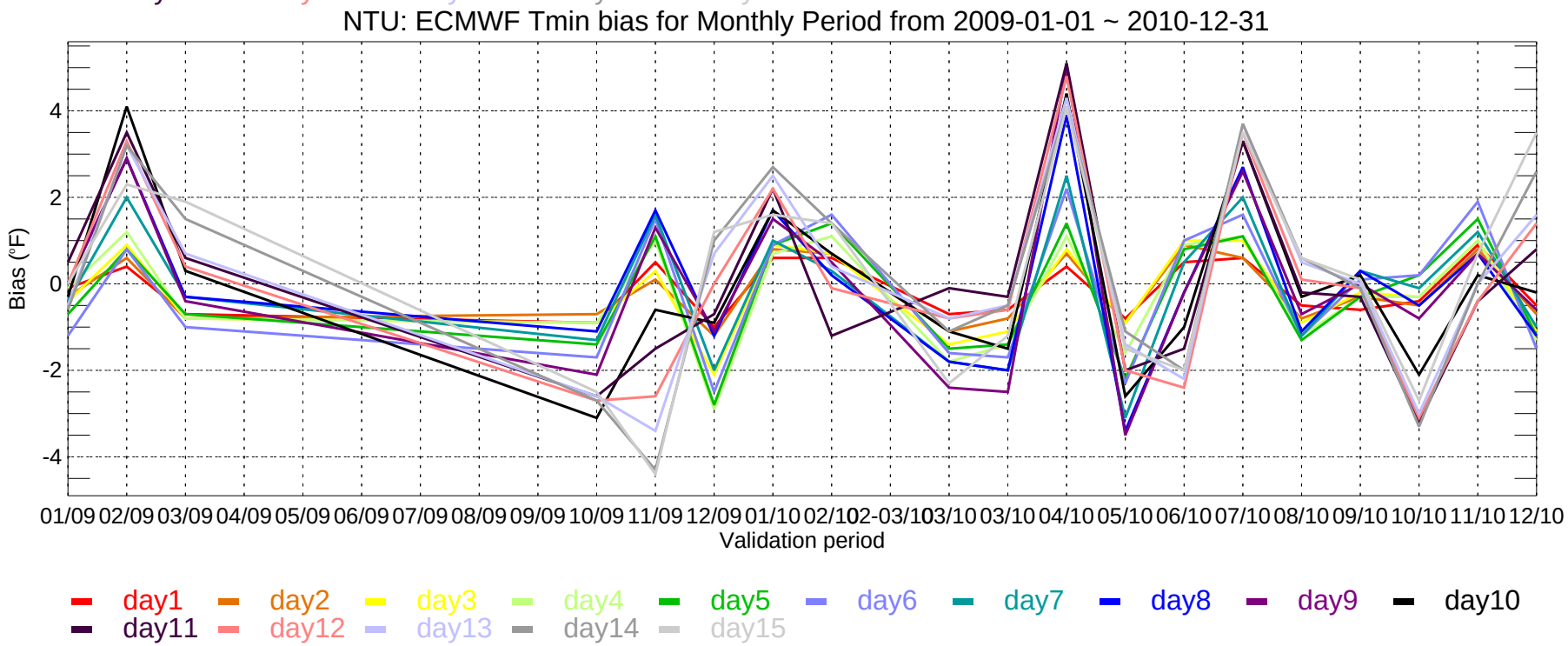

NKX: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

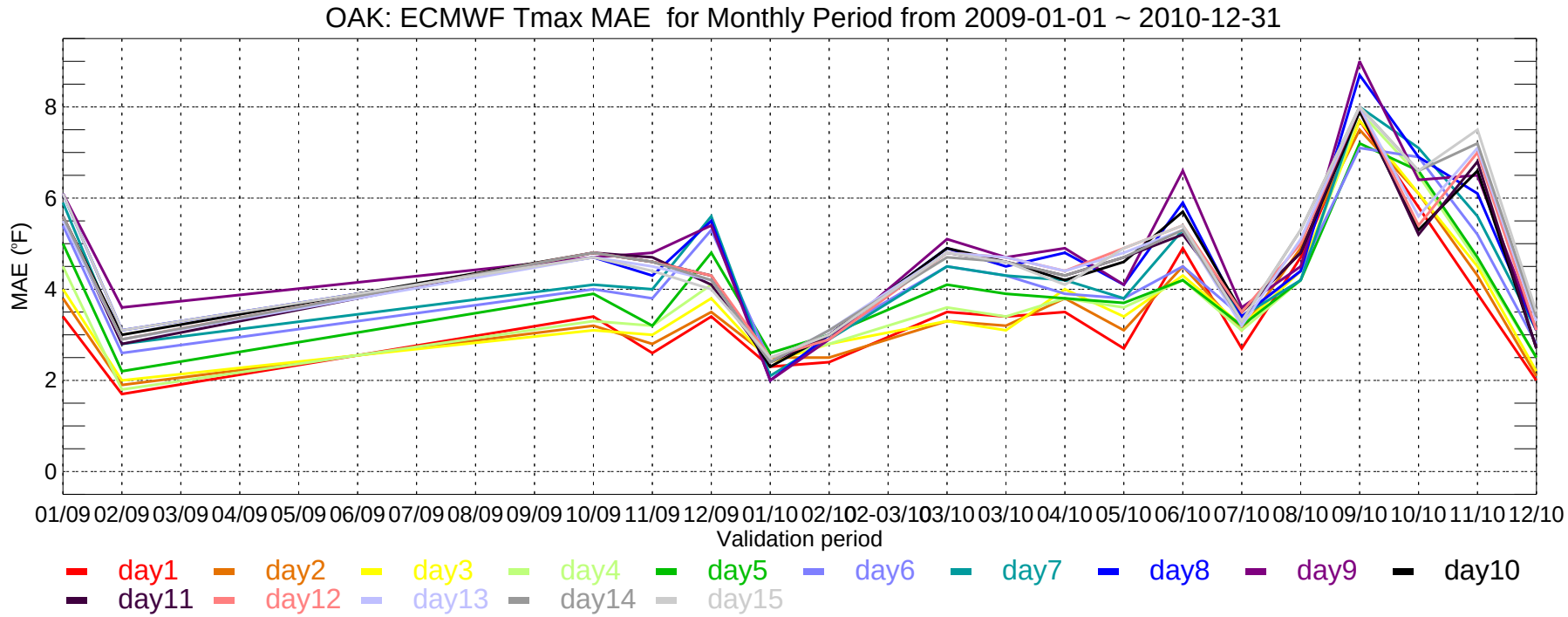

NKX: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

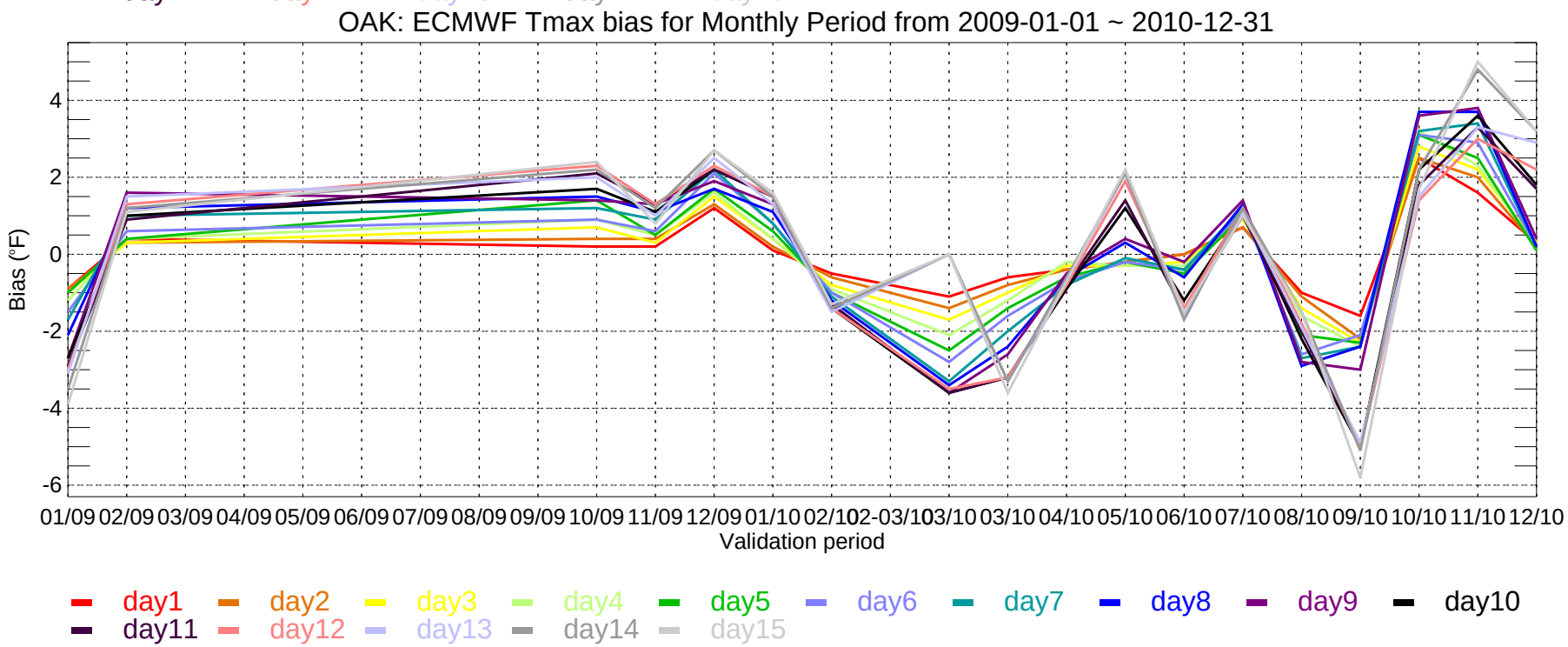

NTU: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

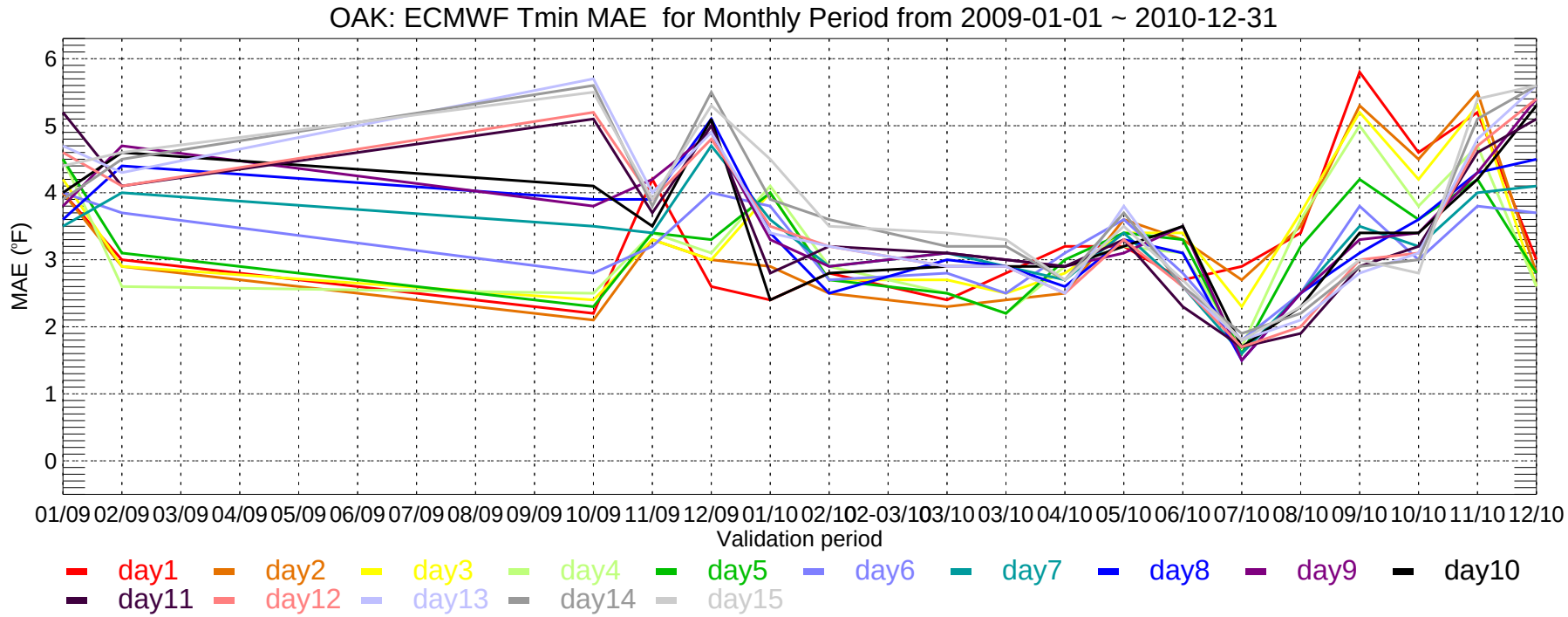

NTU: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

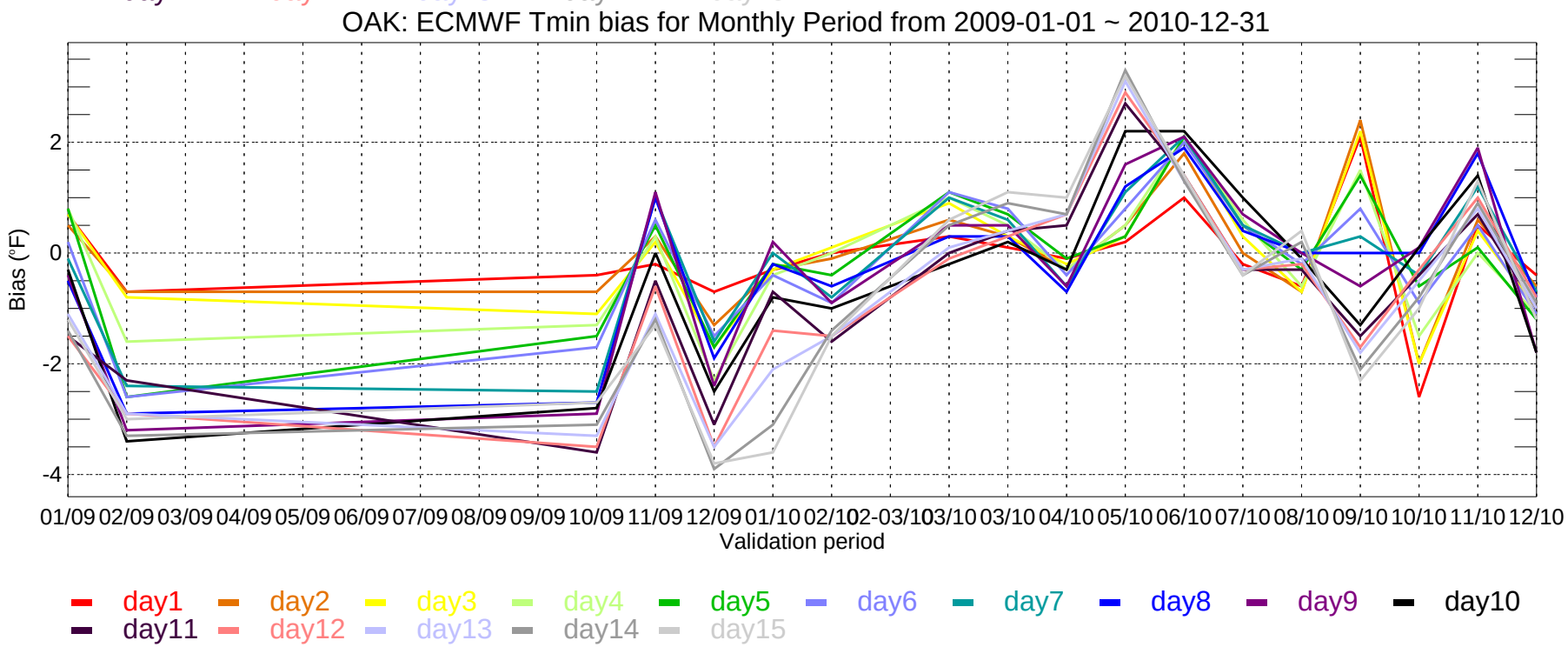

NTU: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

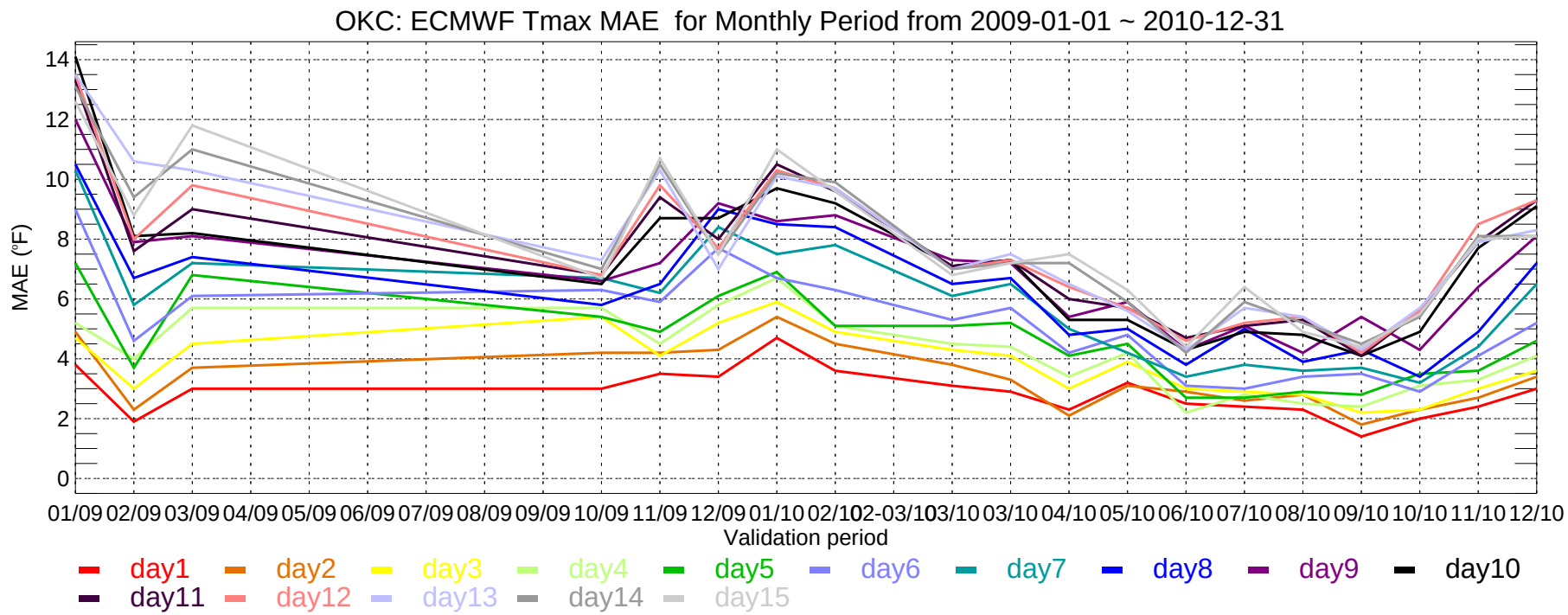

NTU: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

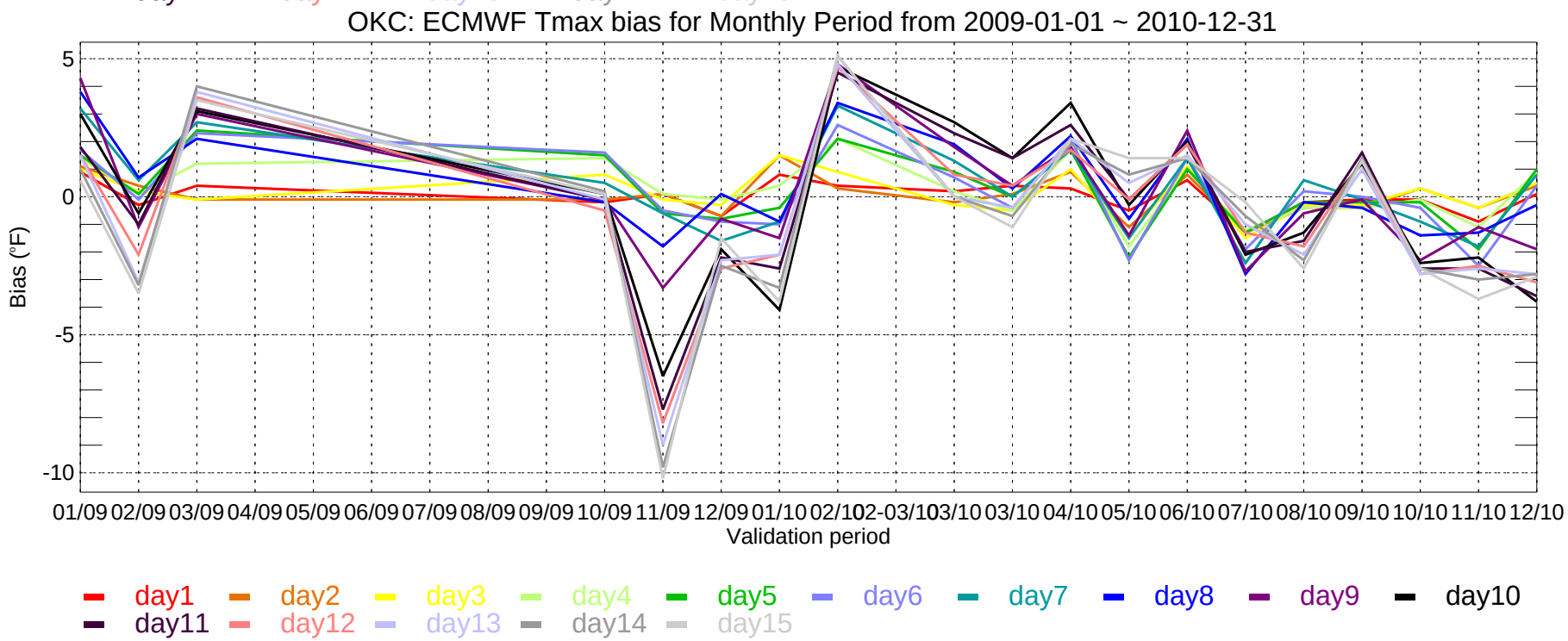

OAK: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

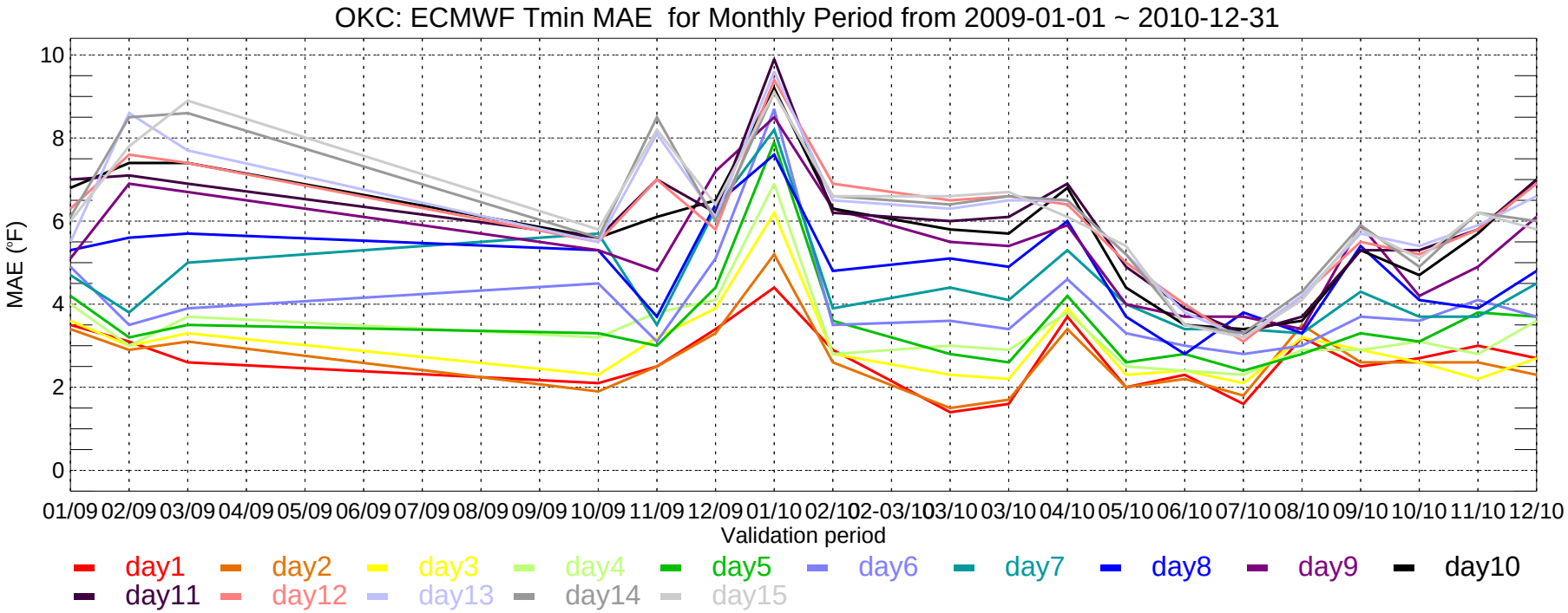

OAK: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

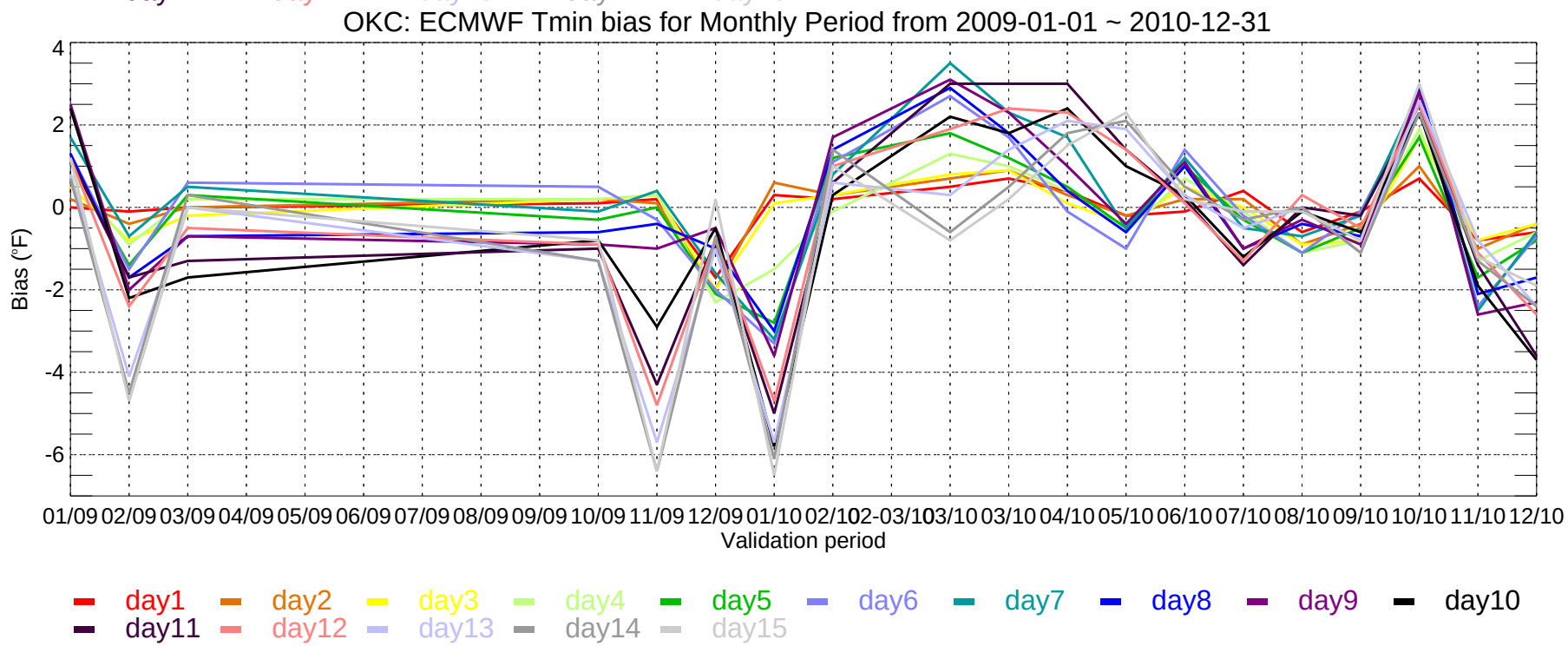

OAK: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
1
2
3
4
5
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

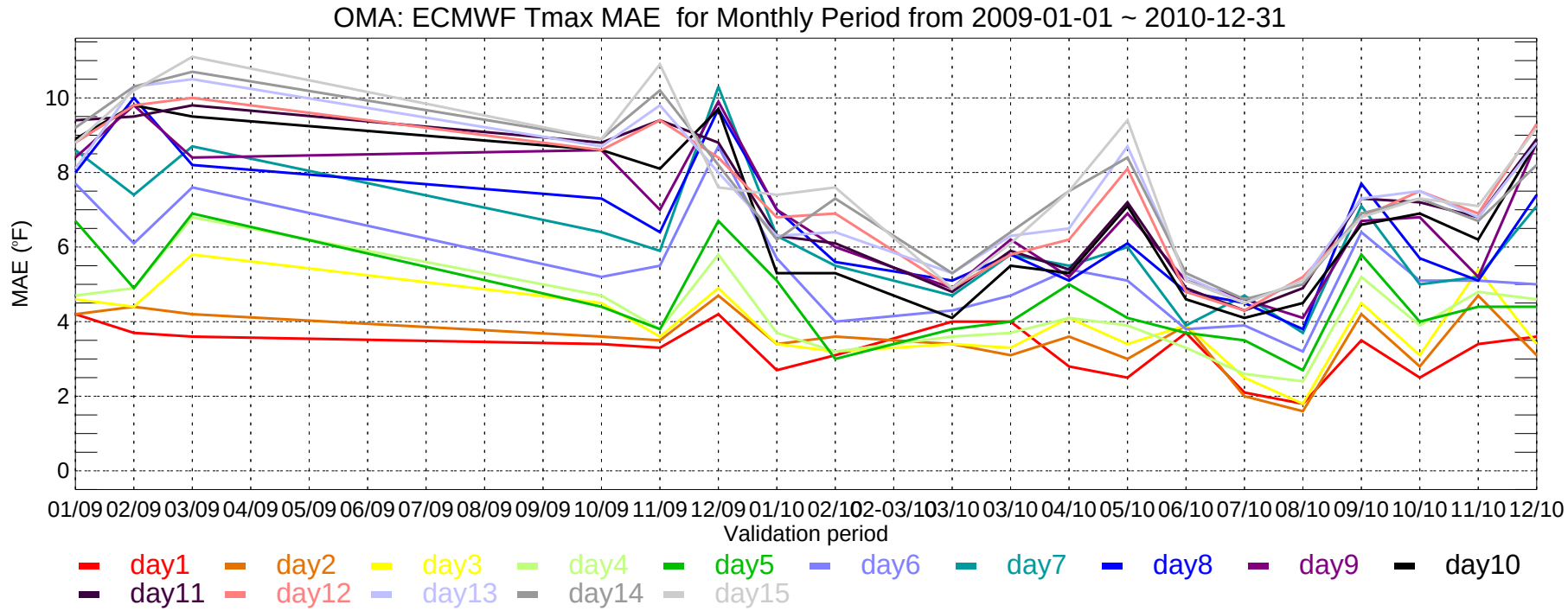

OAK: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

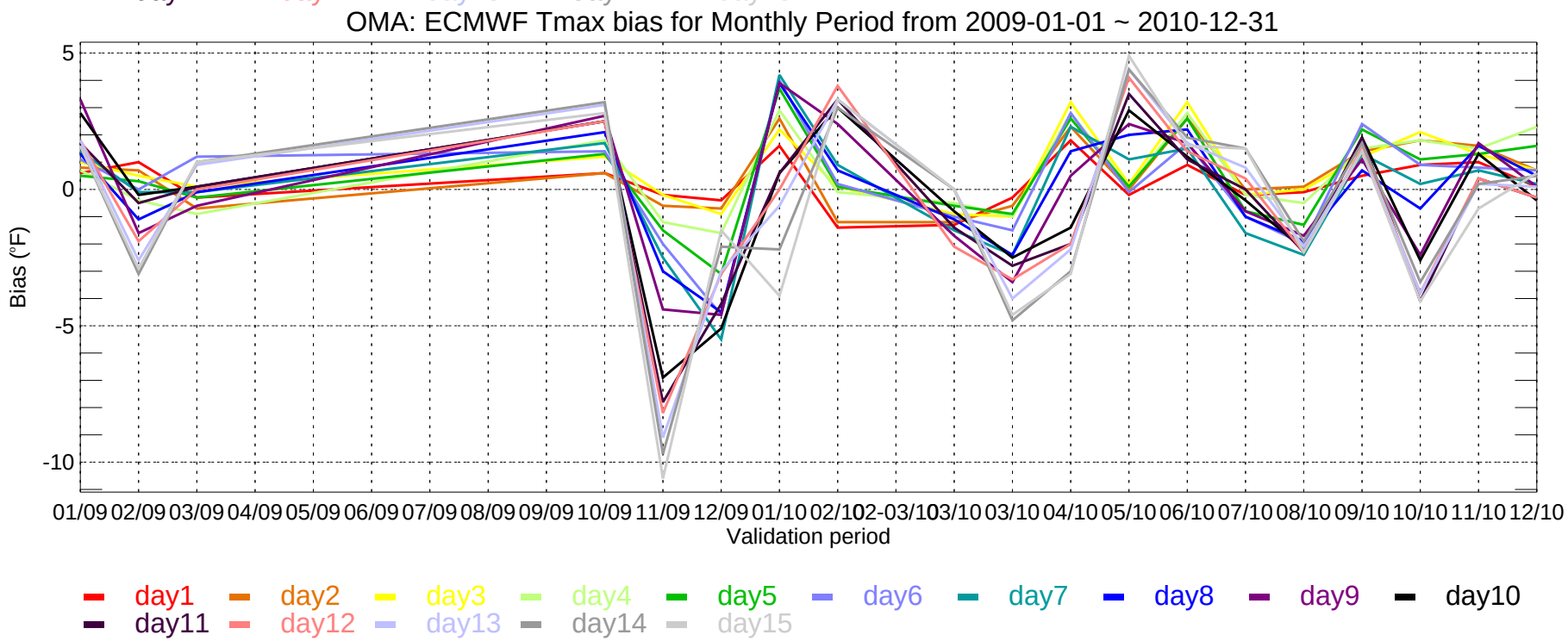

OKC: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
14
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

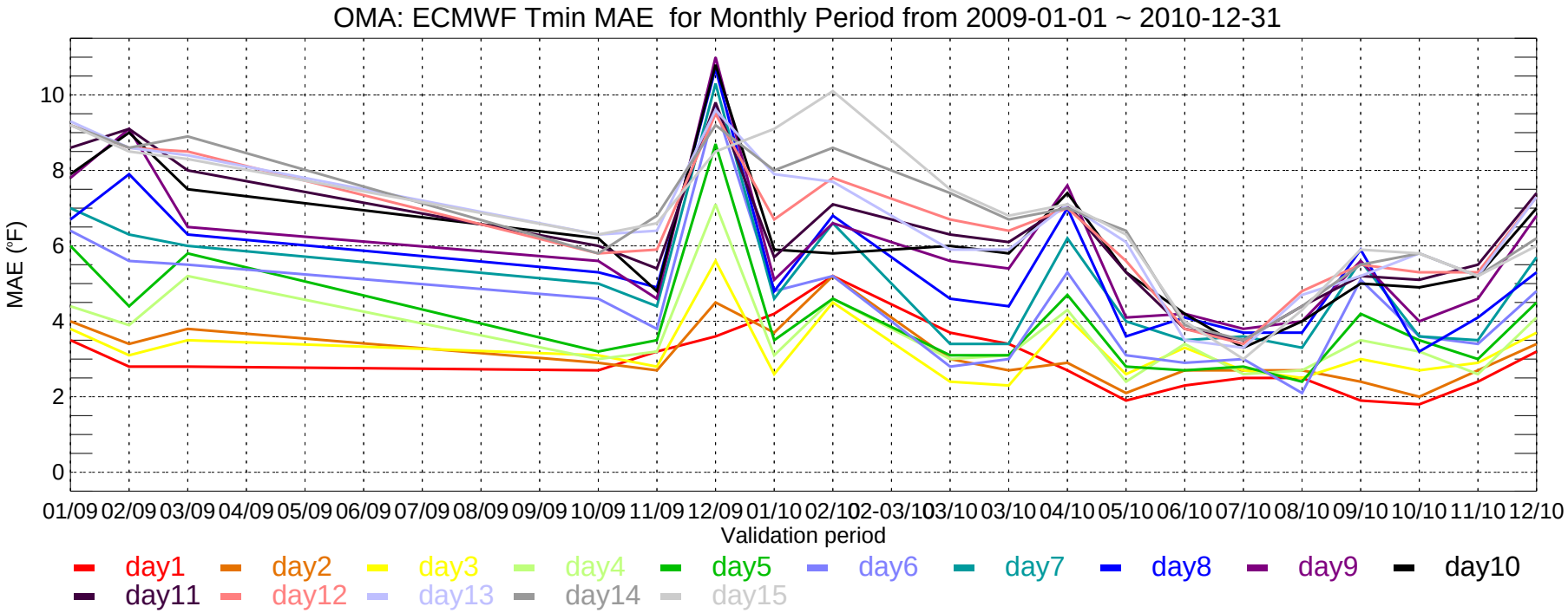

OKC: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

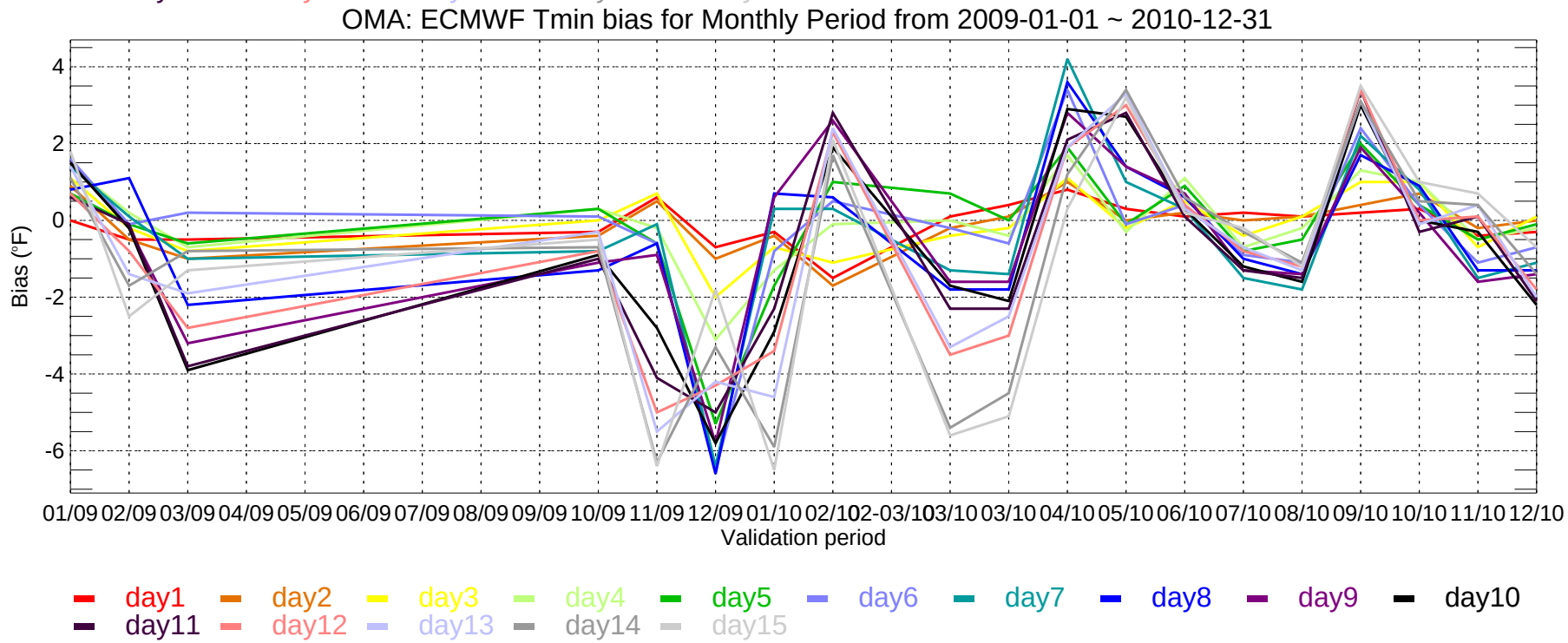

OKC: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

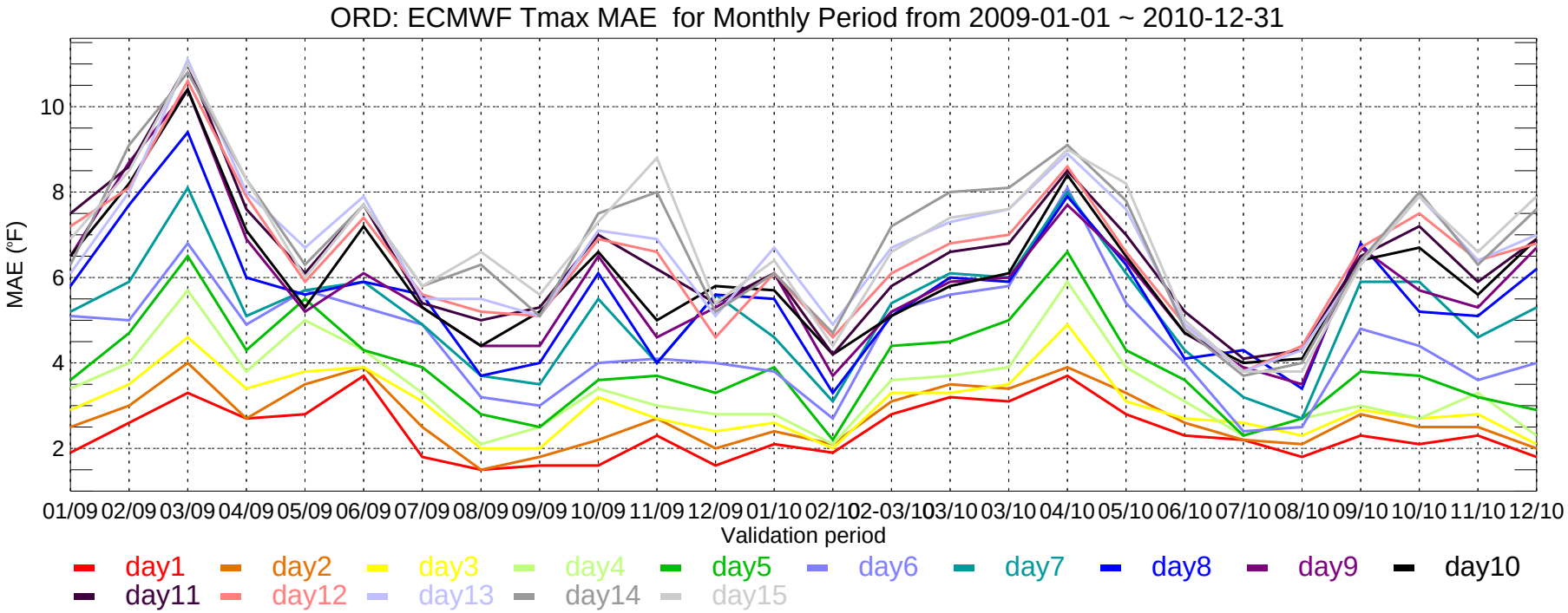

OKC: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

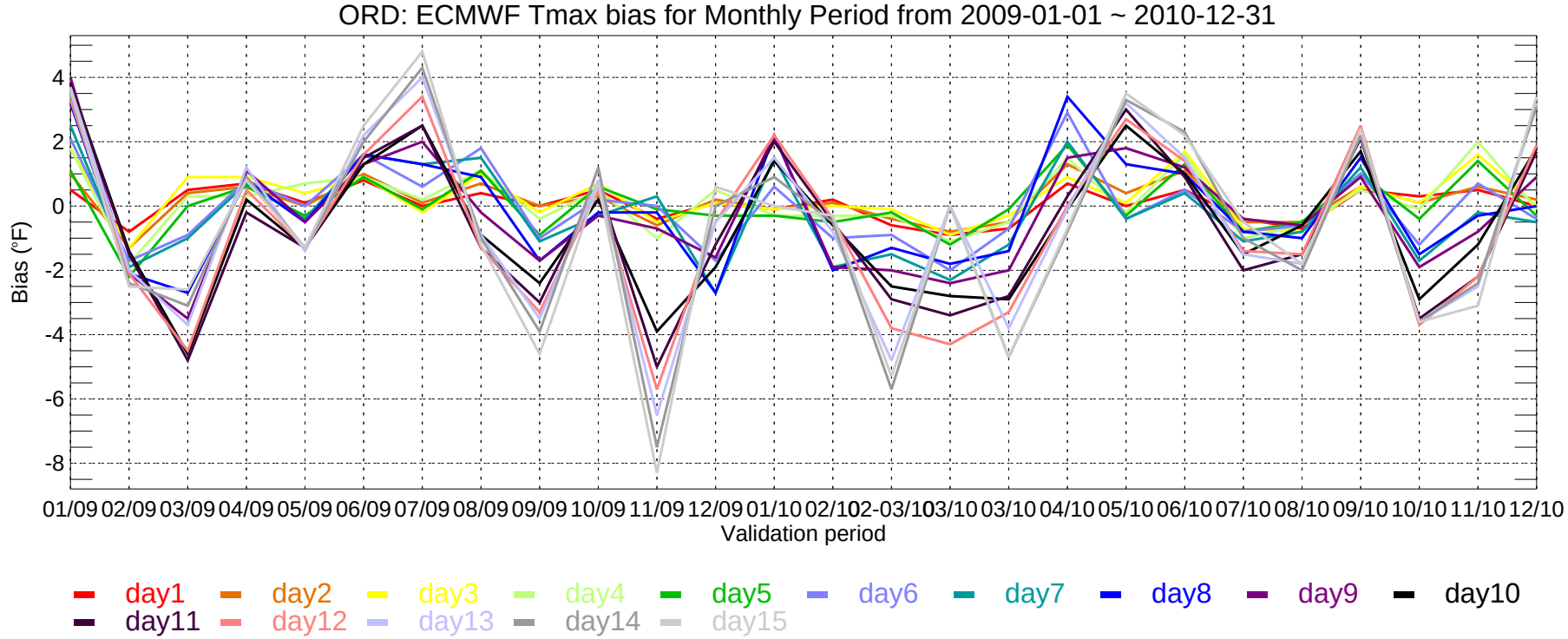

OMA: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

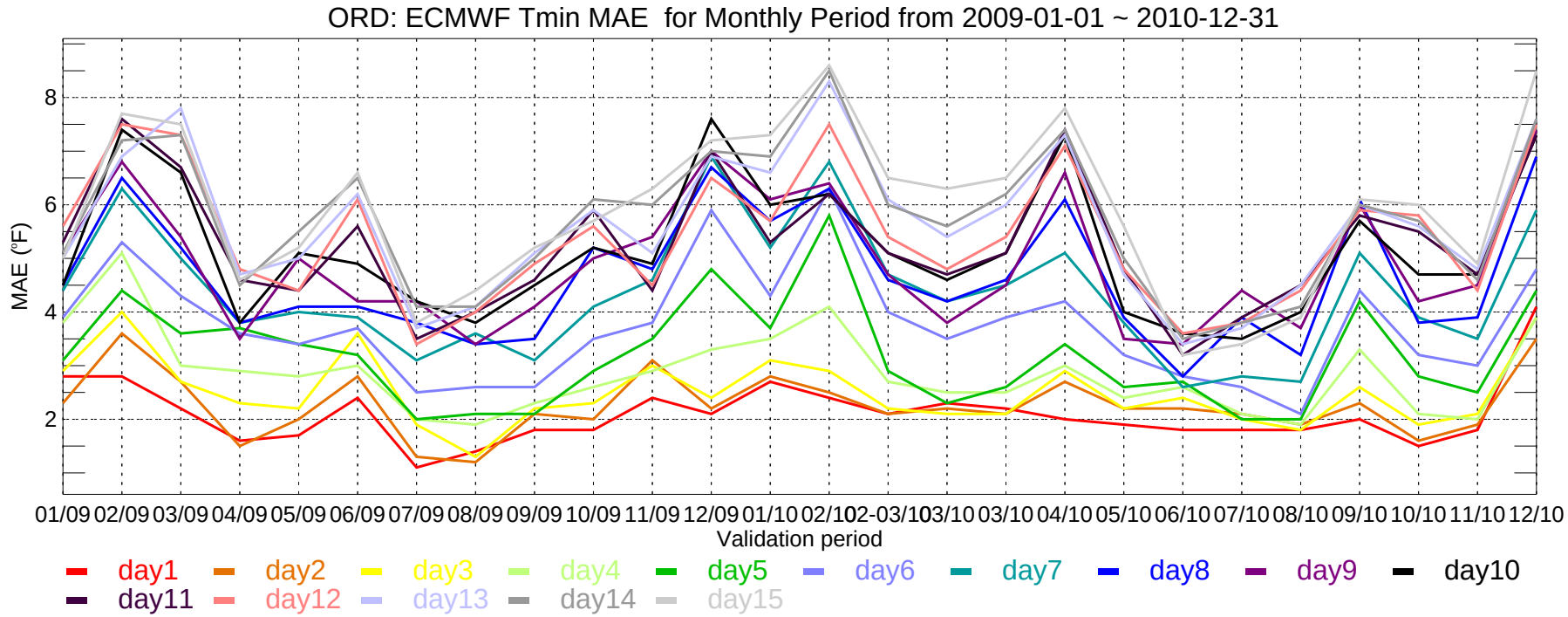

OMA: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

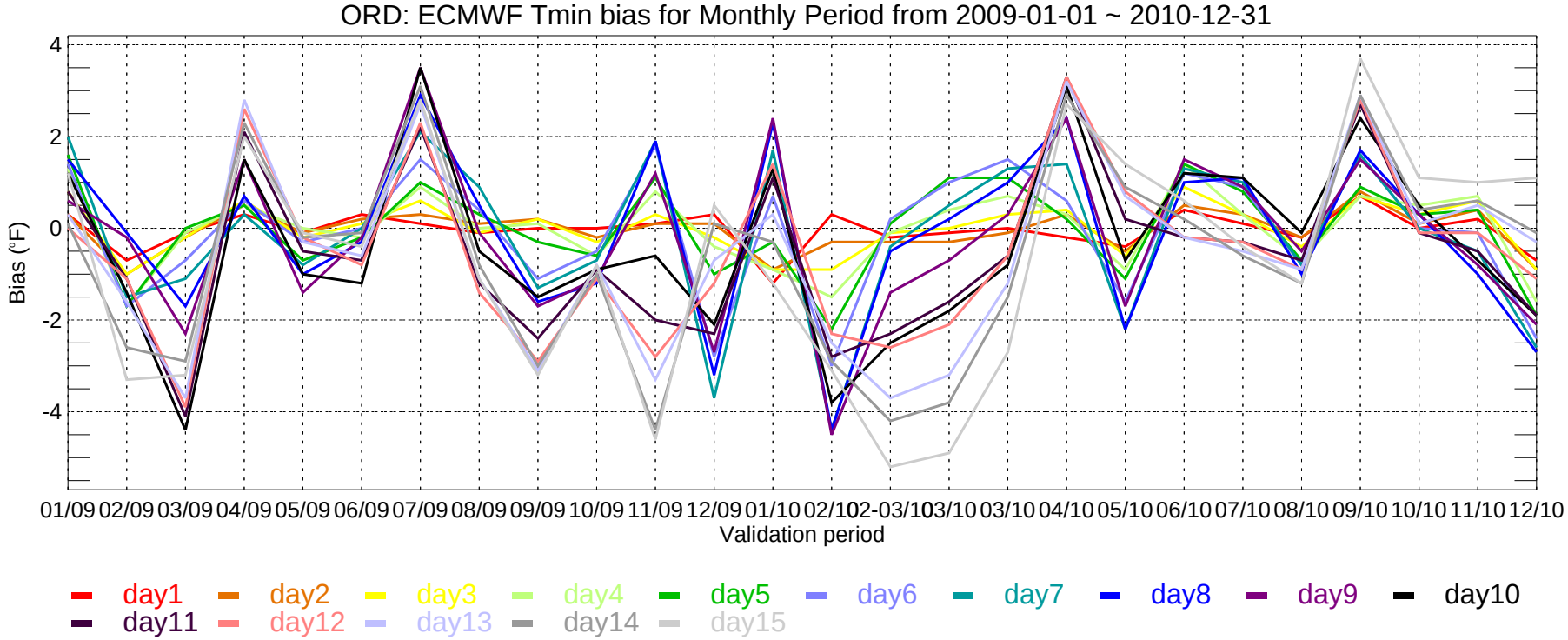

OMA: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

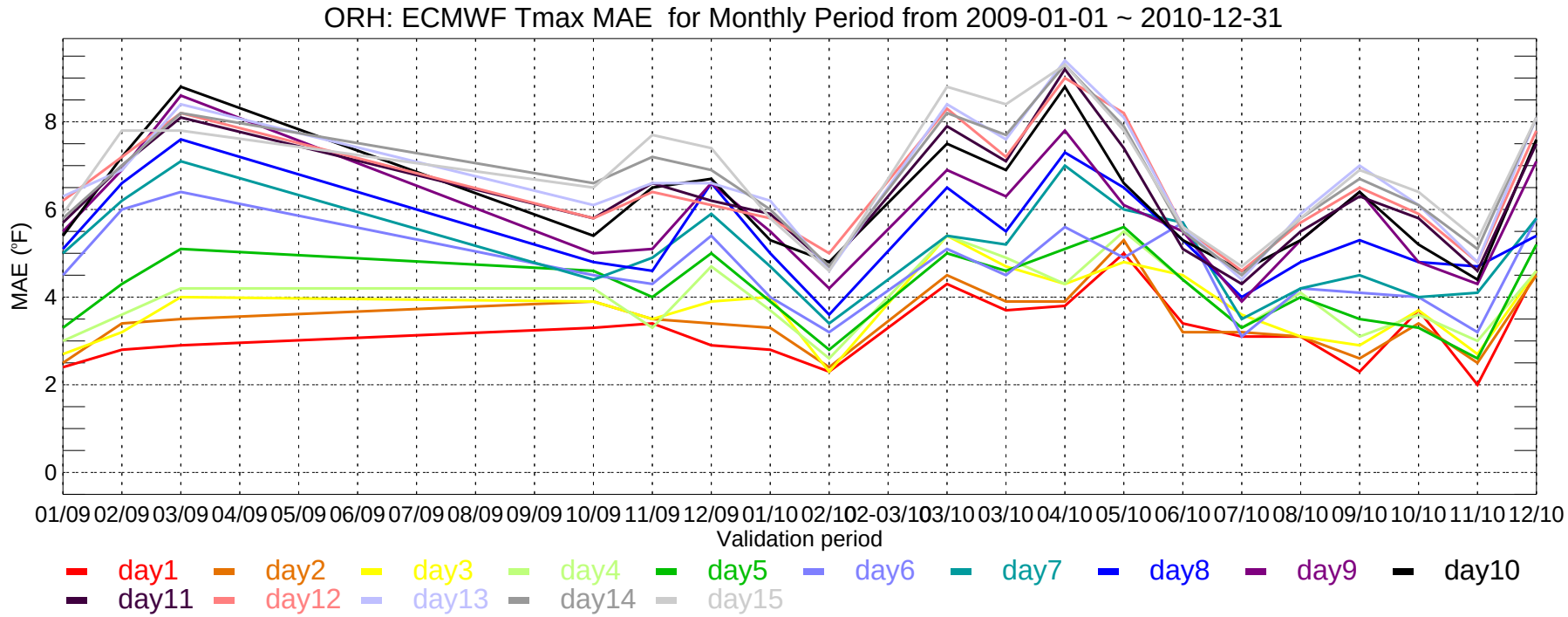

OMA: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

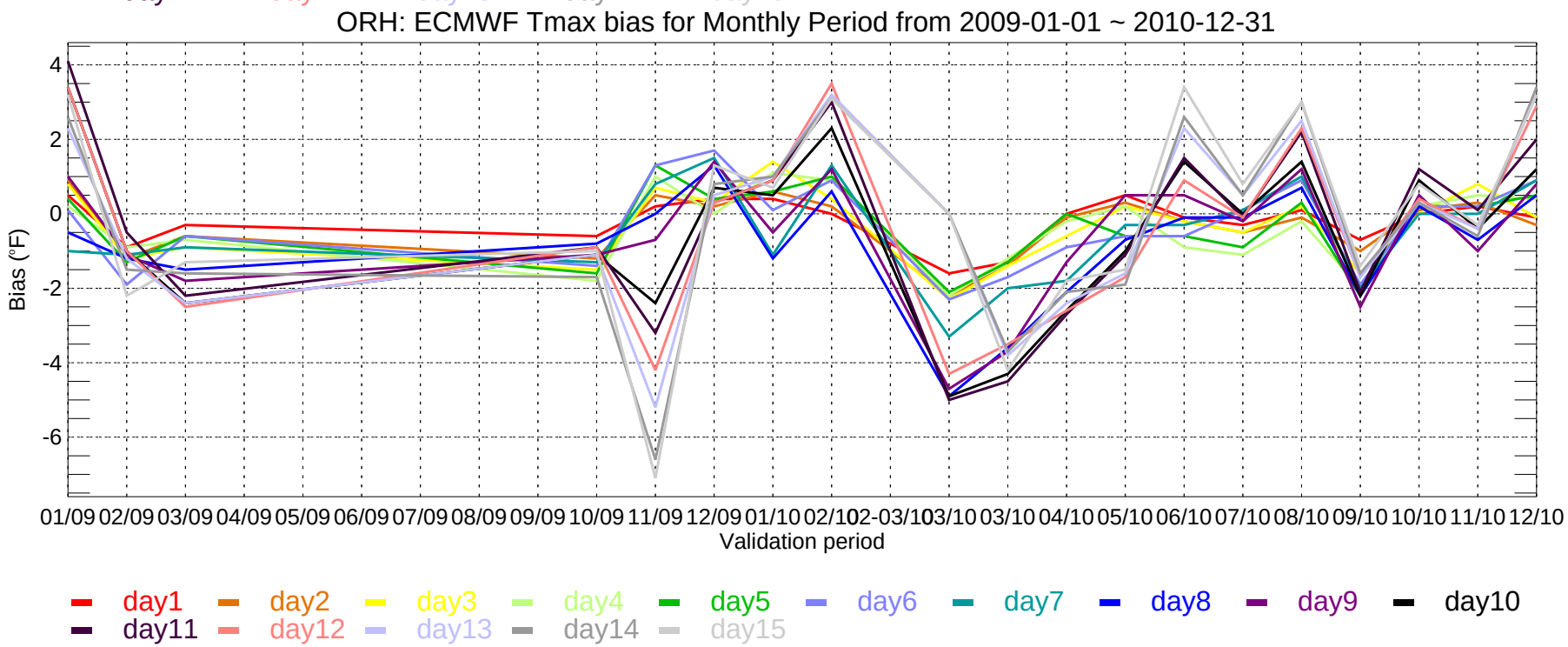

ORD: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

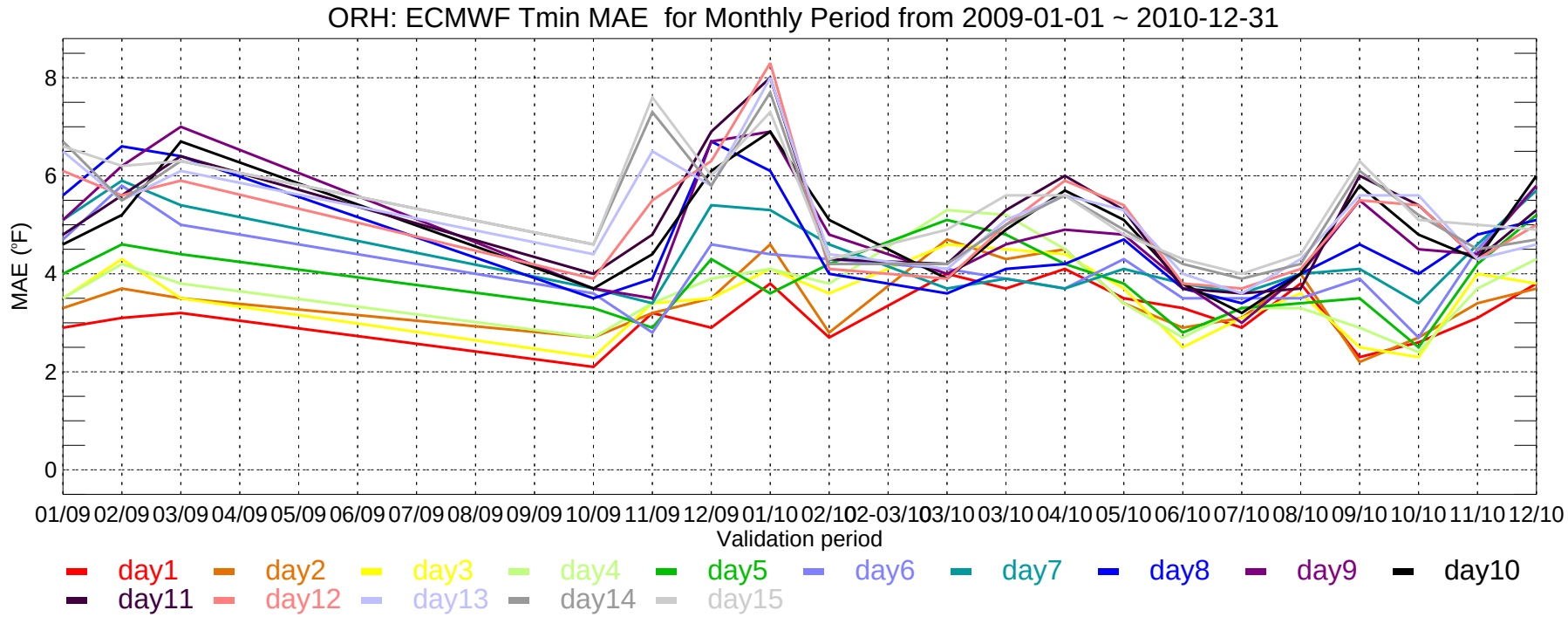

ORD: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

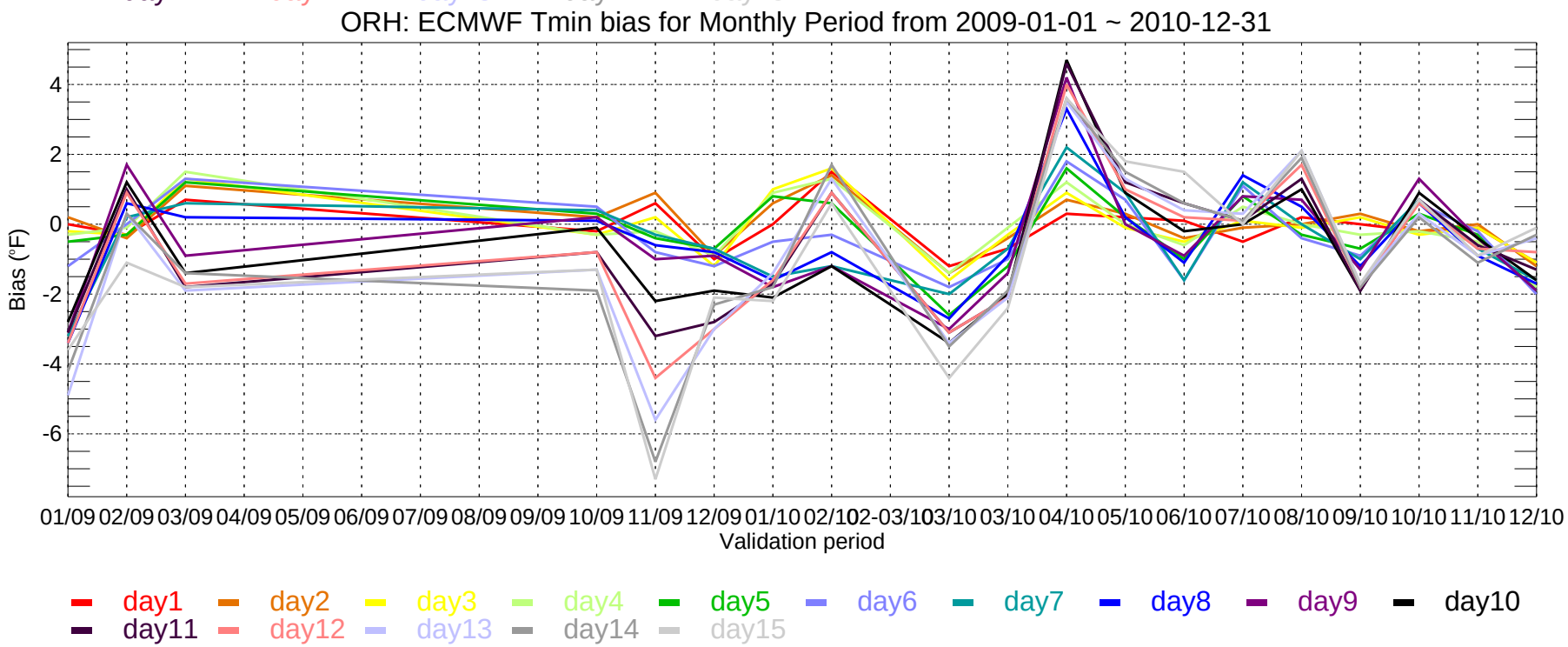

ORD: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

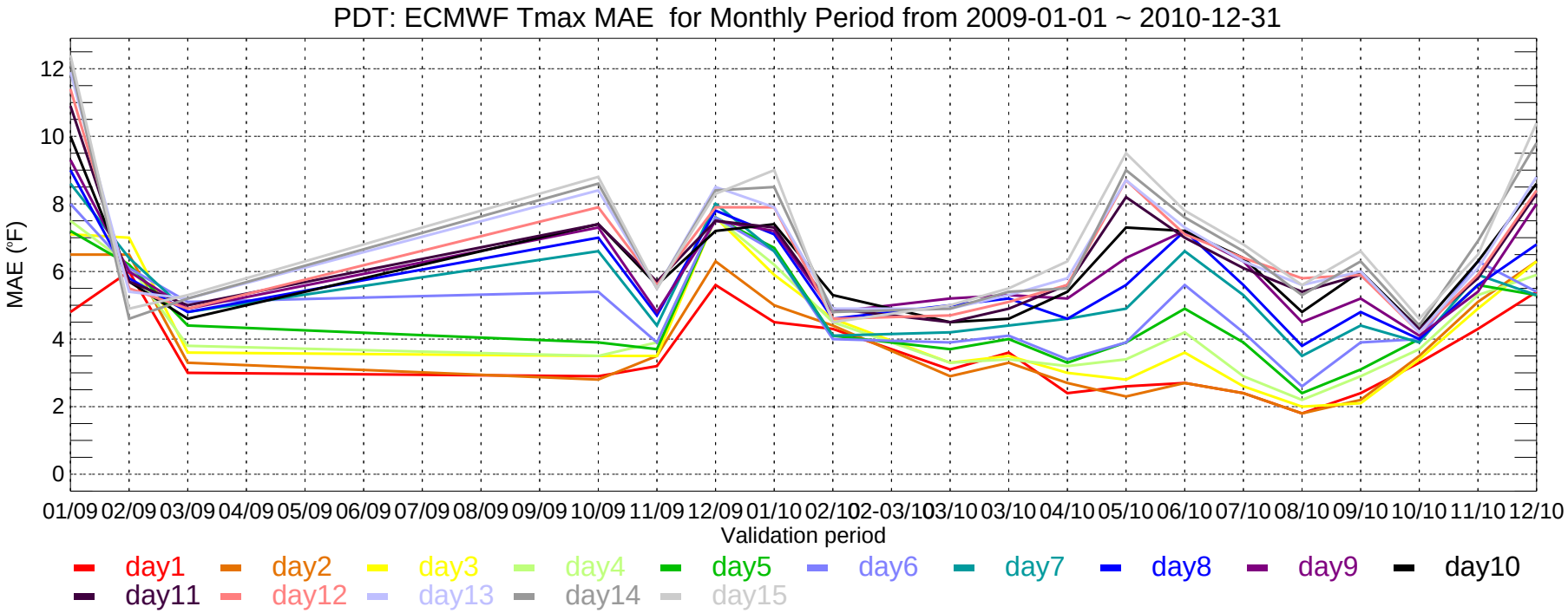

ORD: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

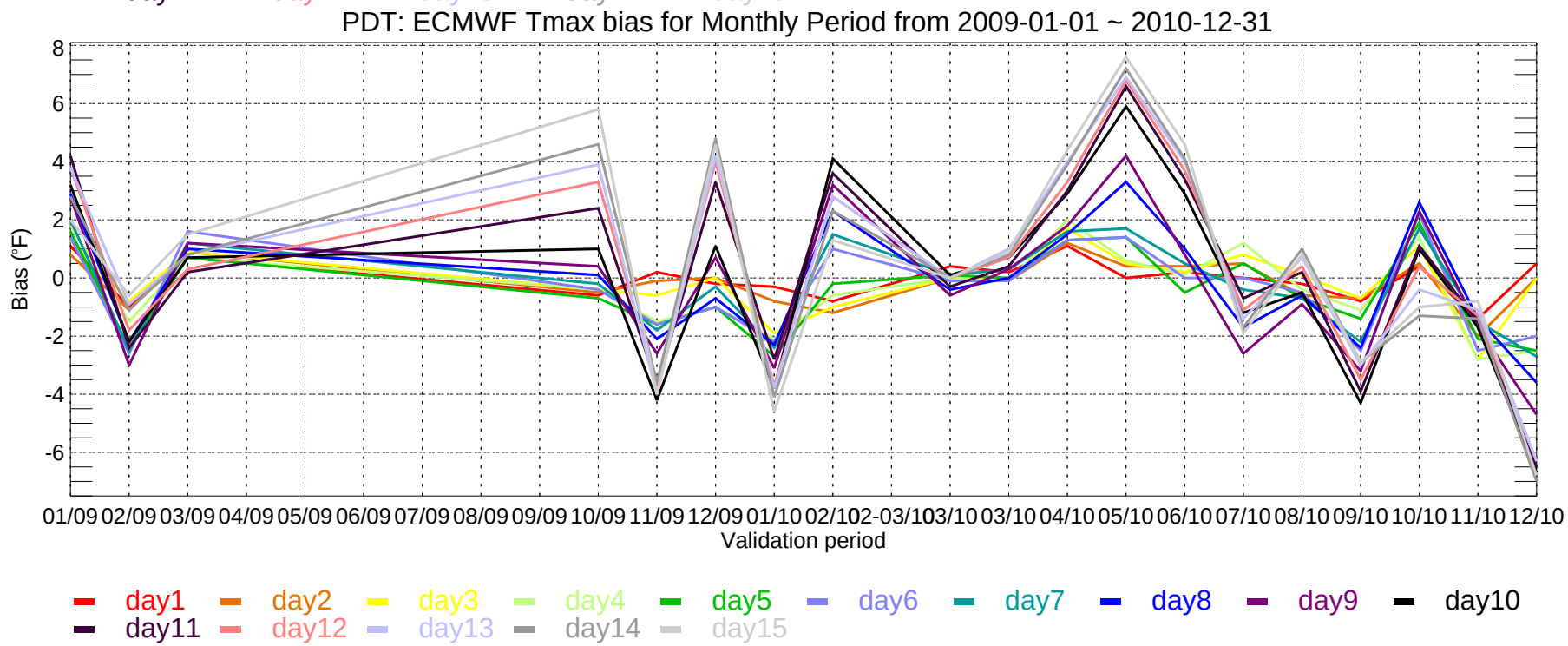

ORH: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

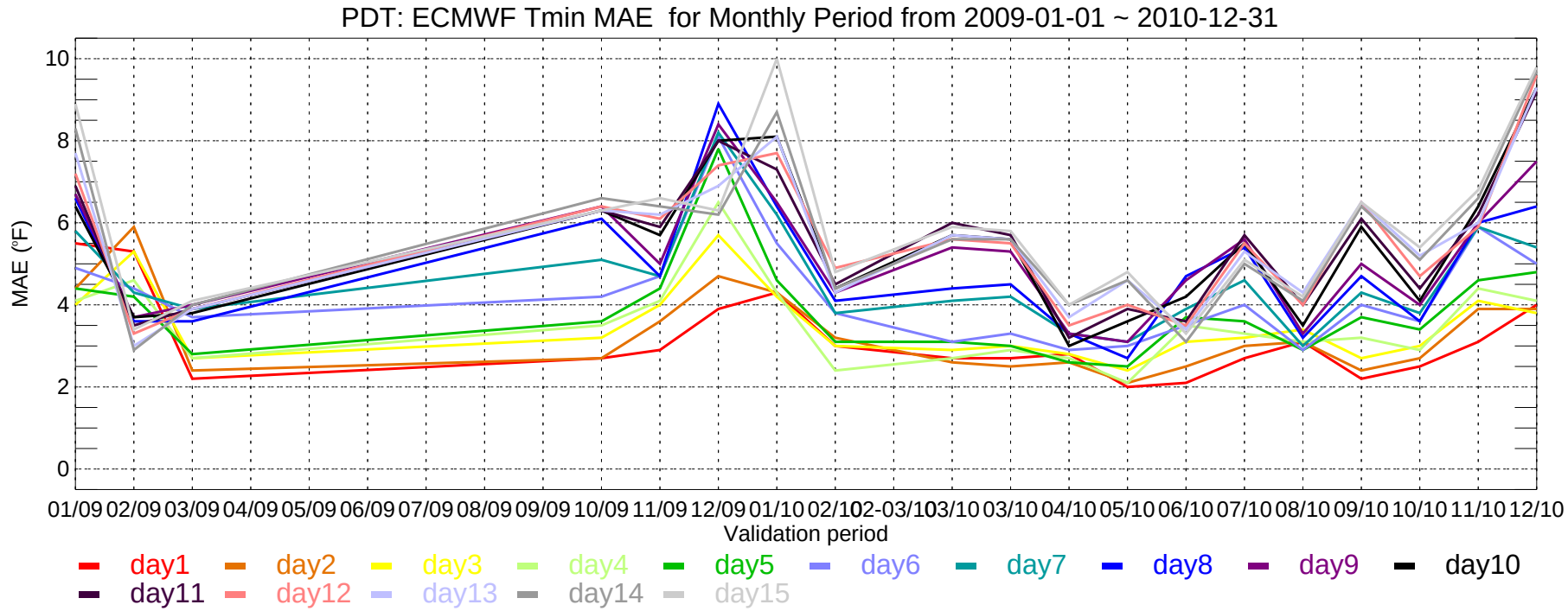

ORH: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

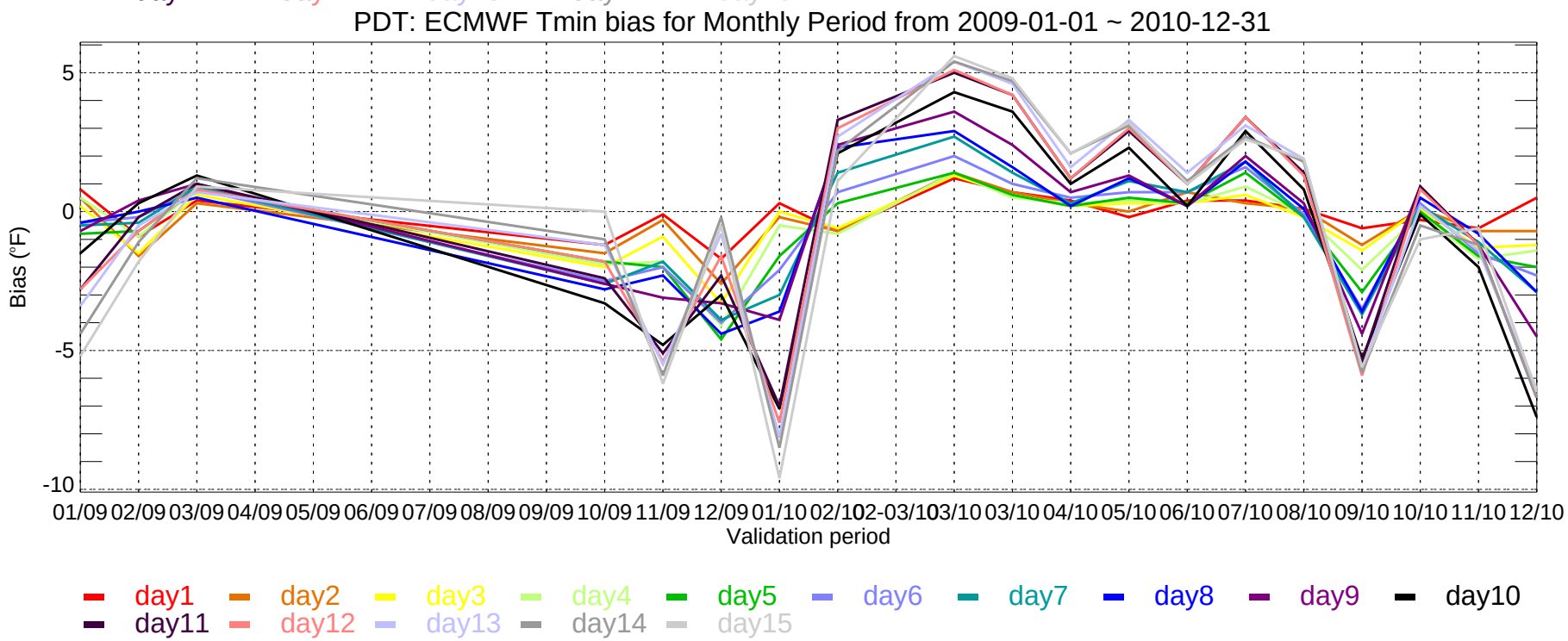

ORH: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

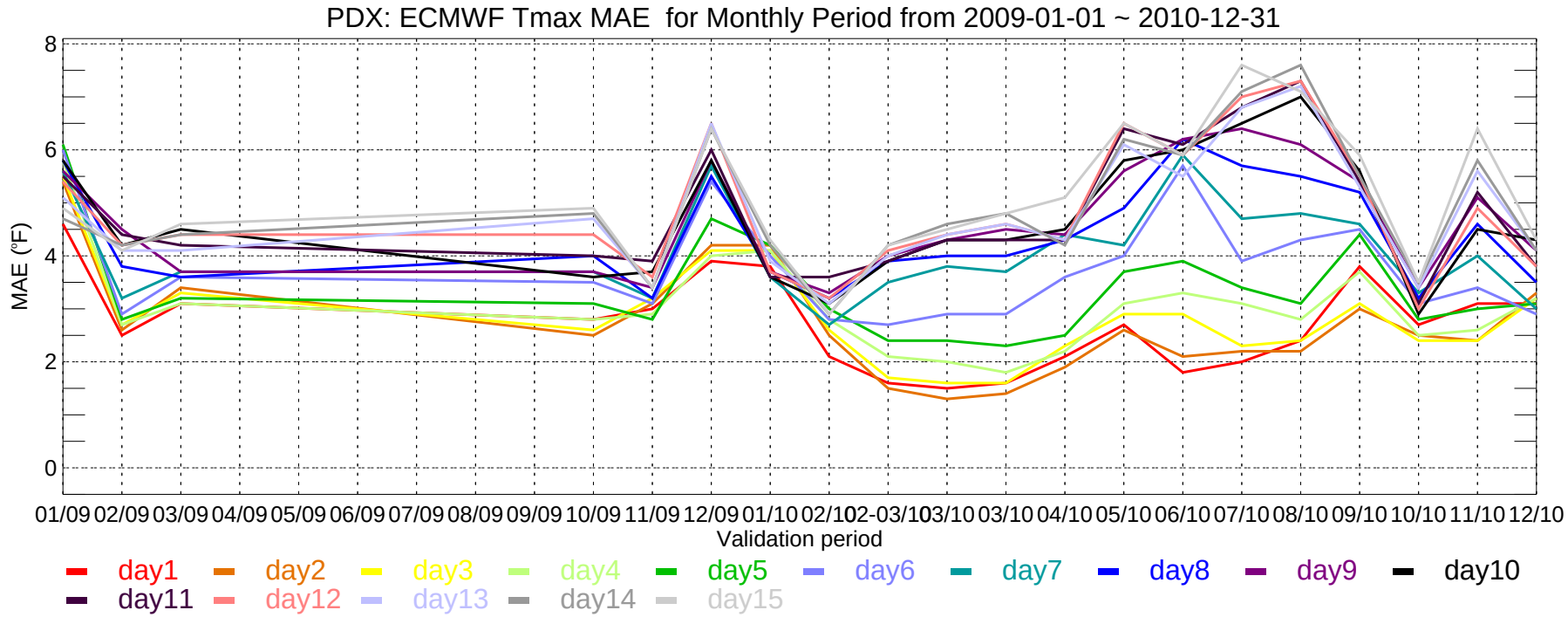

ORH: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

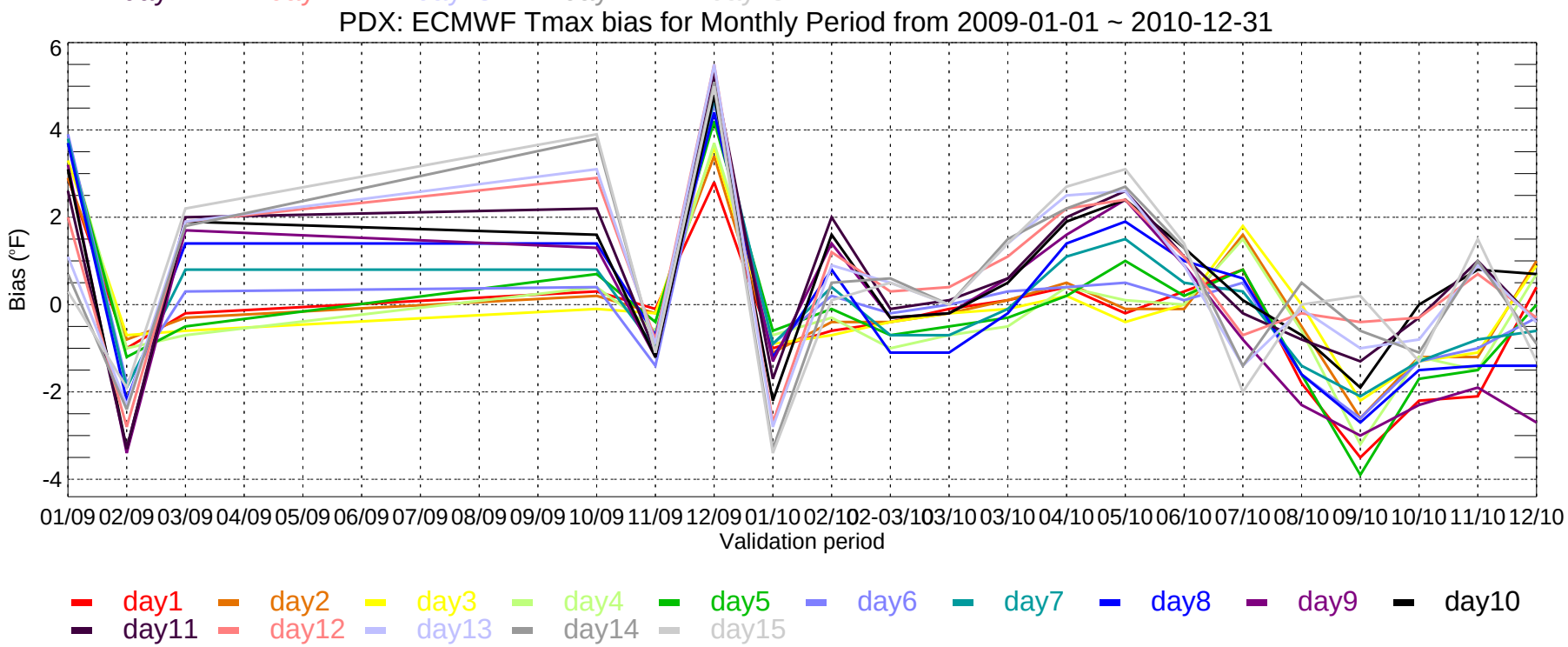

PDT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

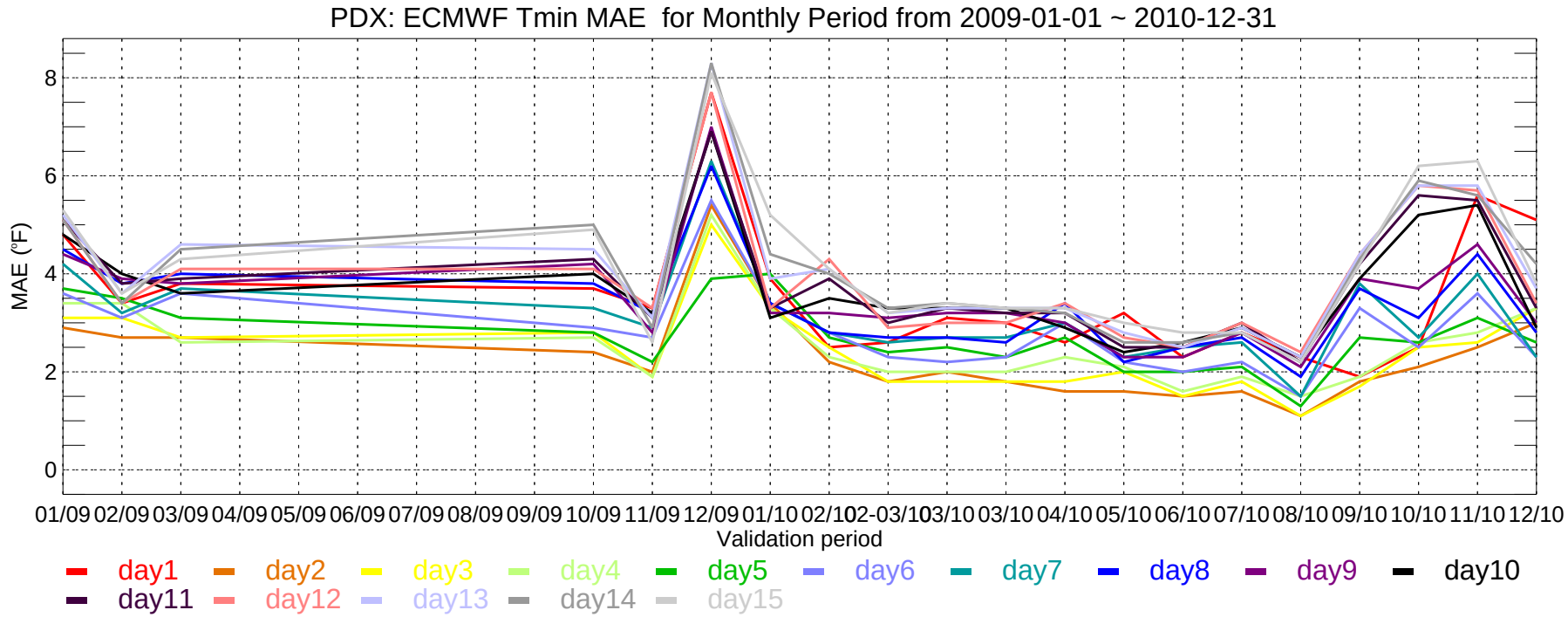

PDT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

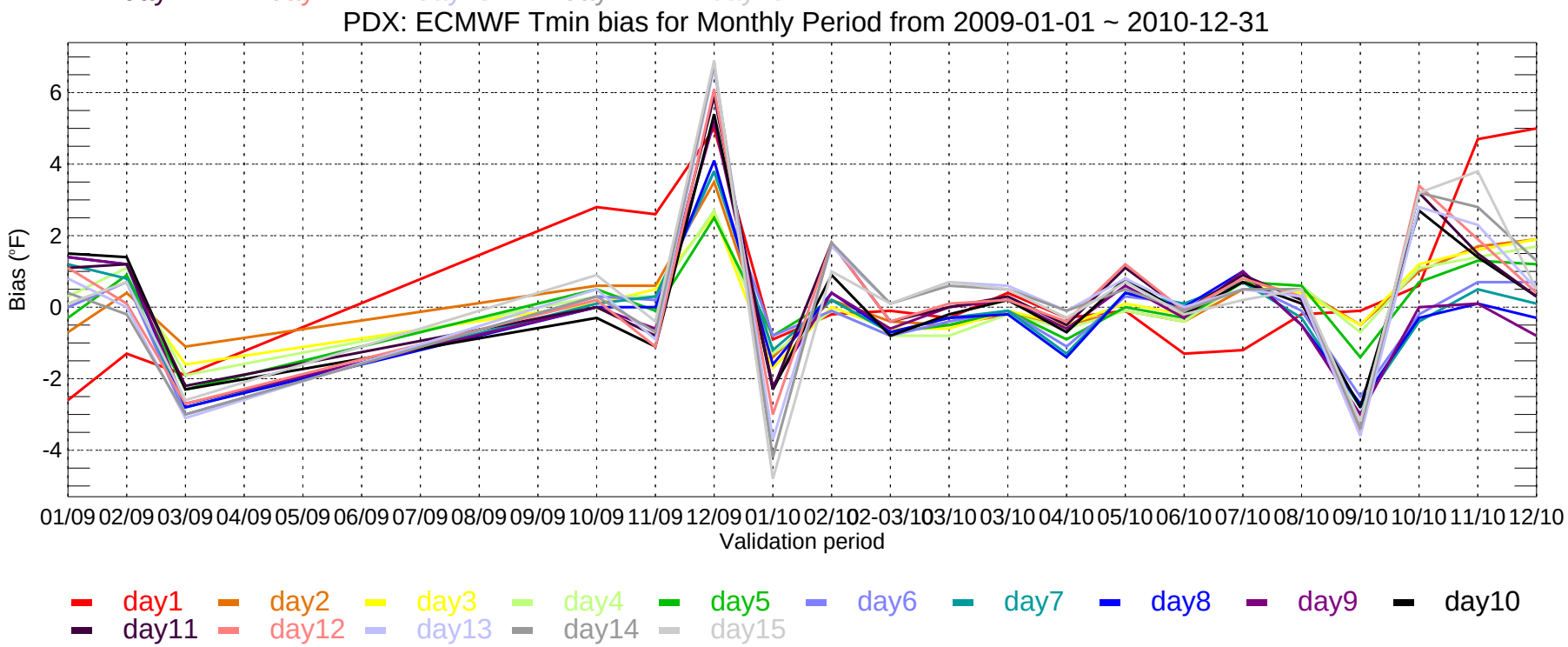

PDT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

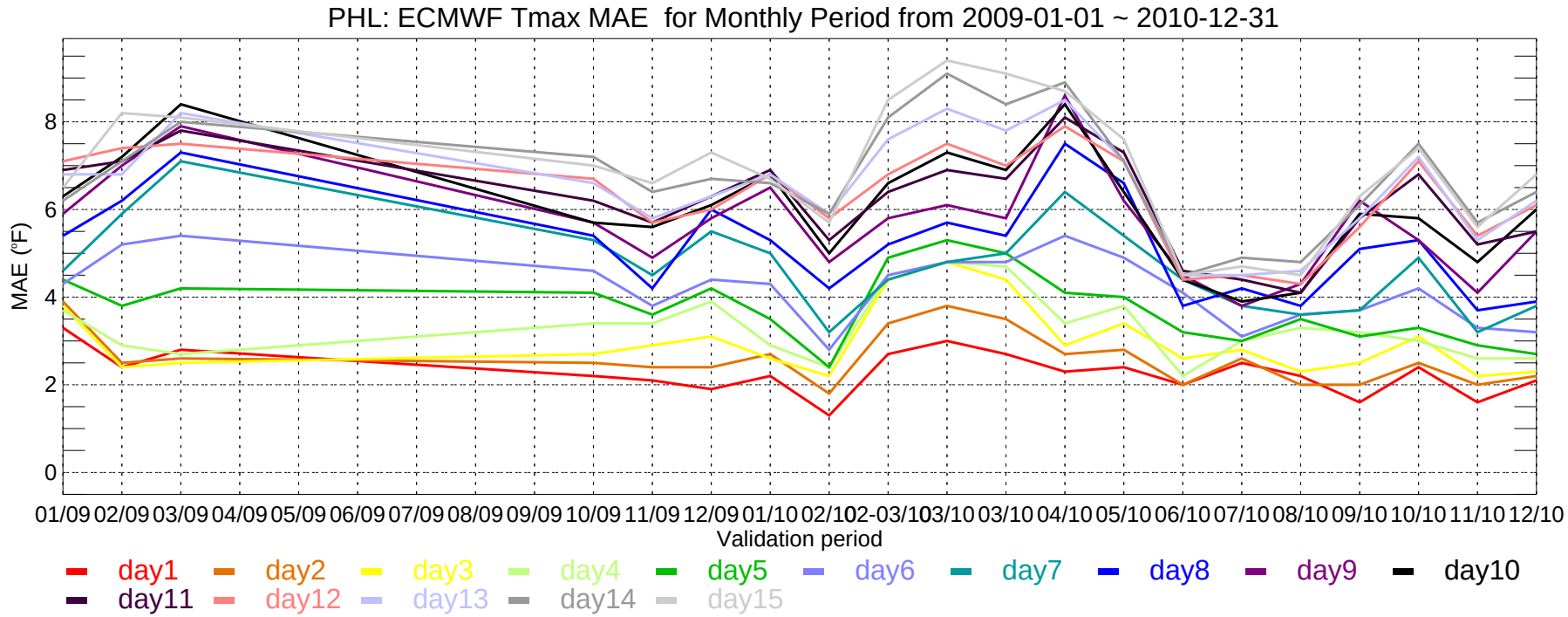

PDT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

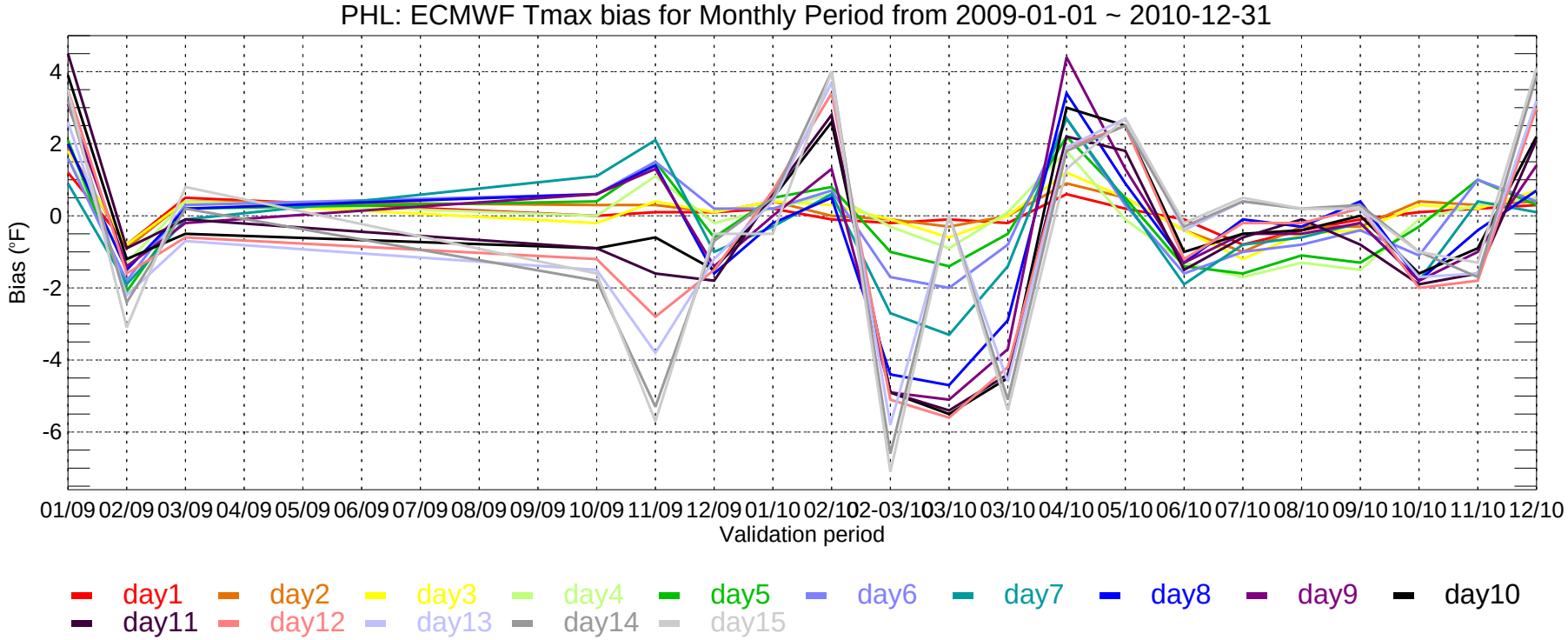

PDX: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

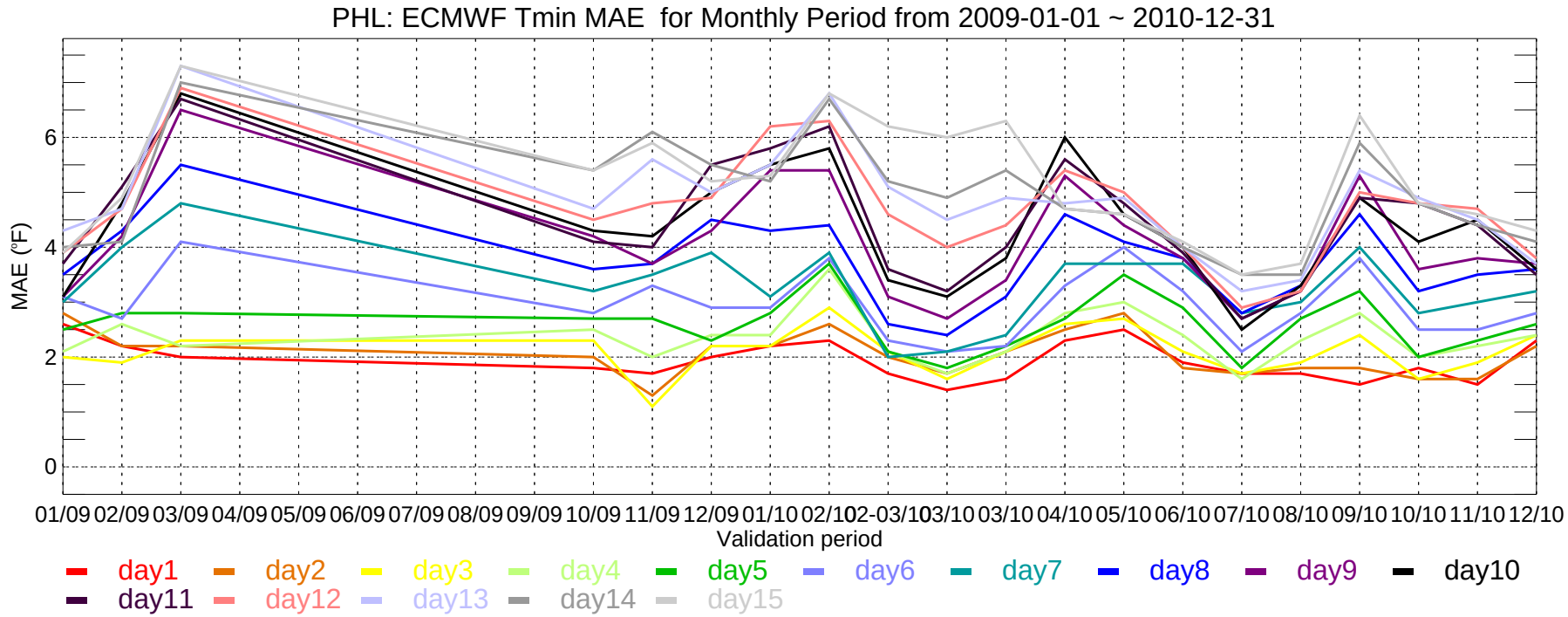

PDX: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

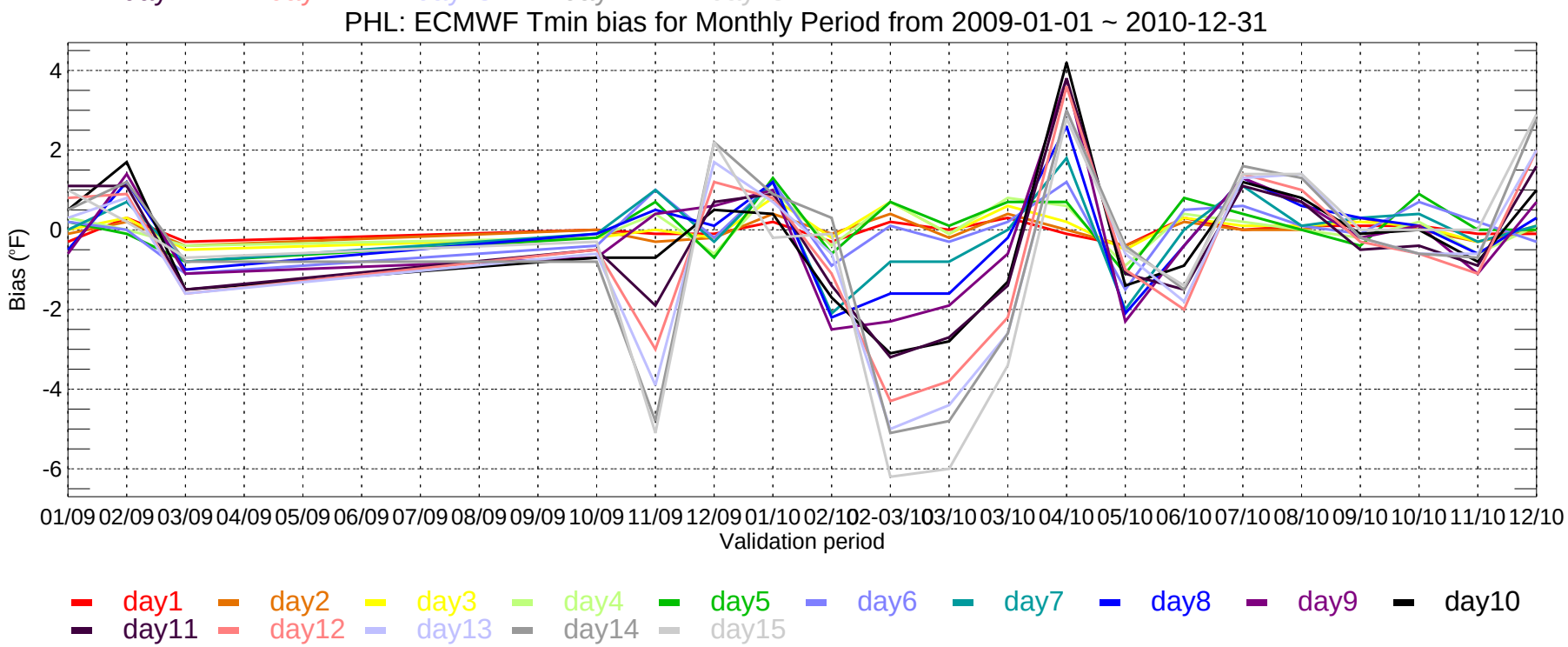

PDX: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

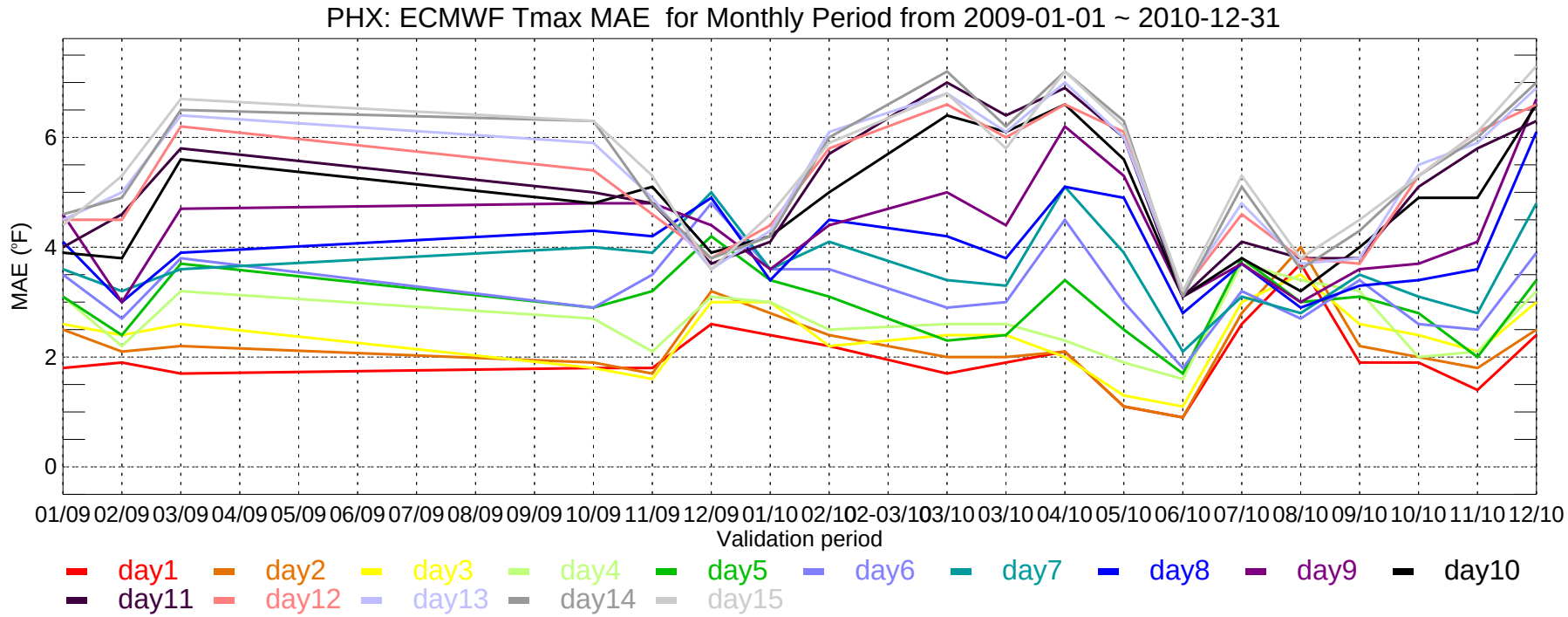

PDX: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

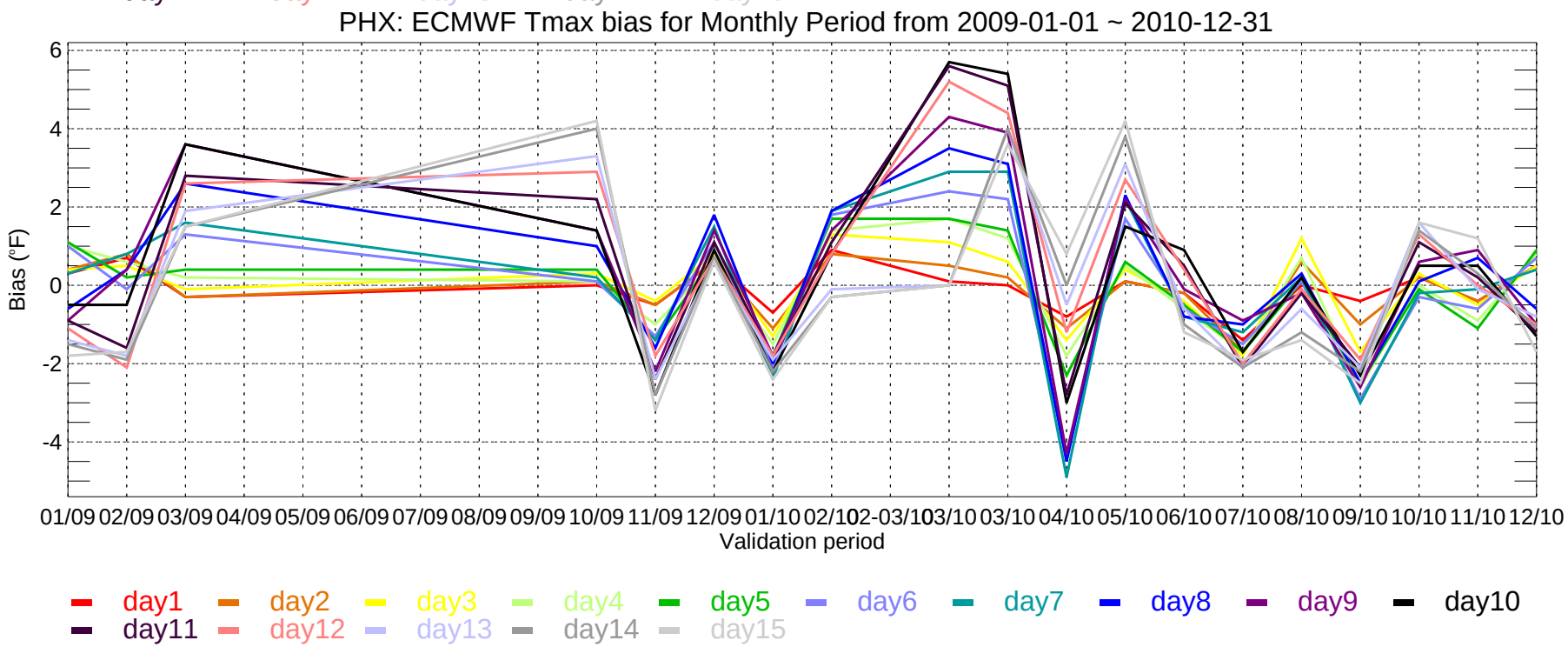

PHL: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

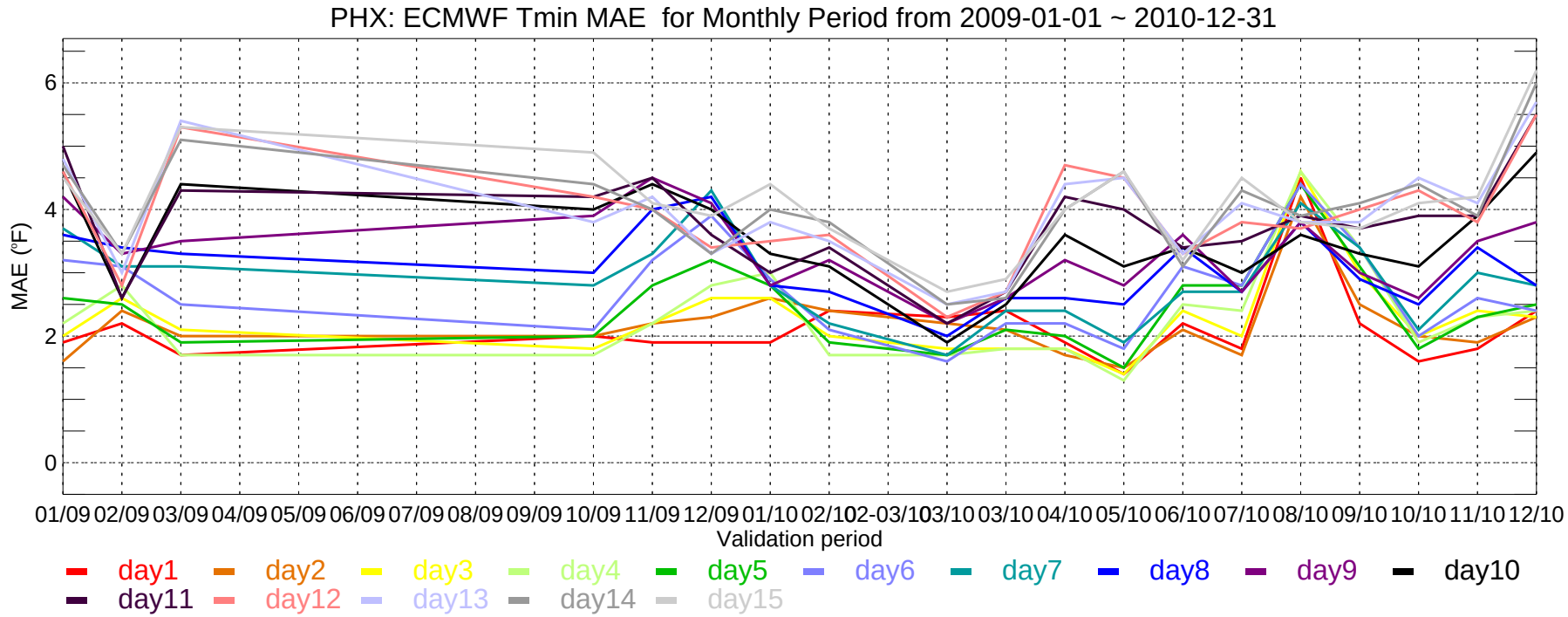

PHL: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

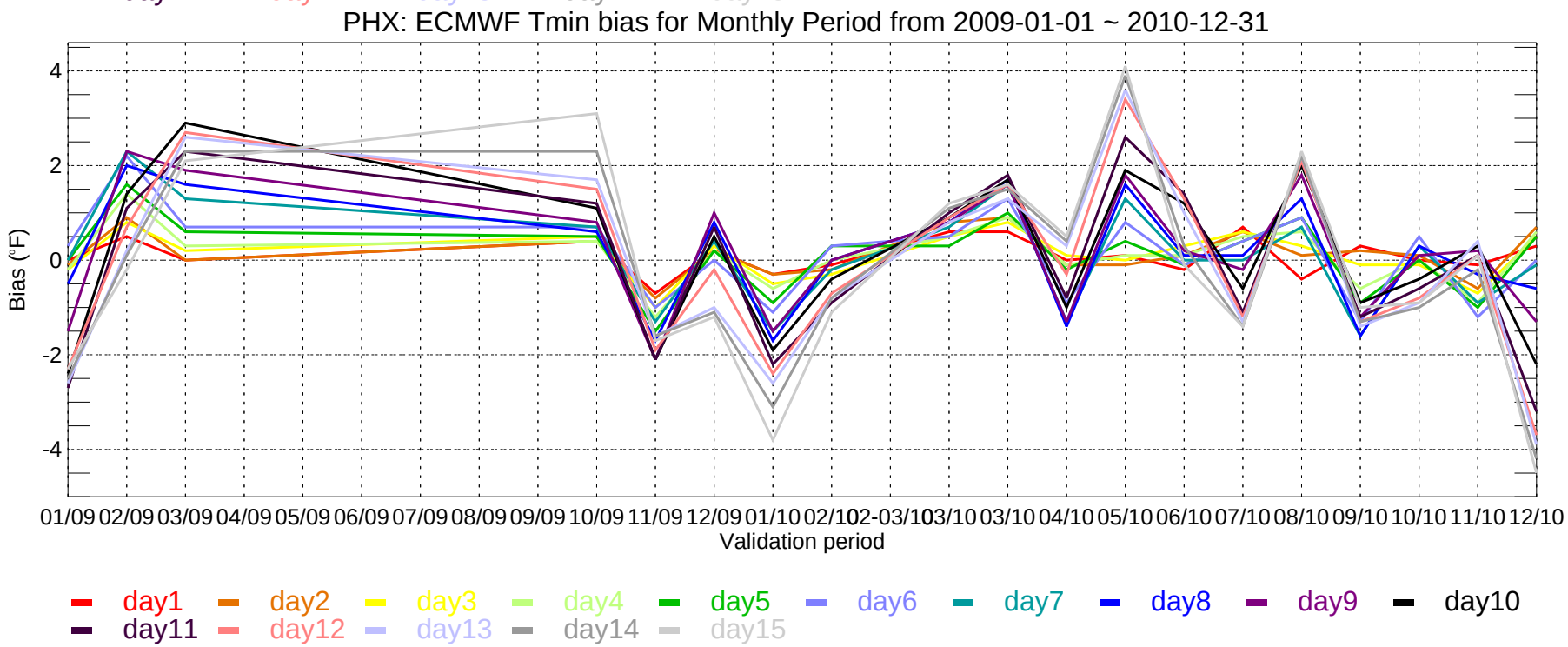

PHL: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

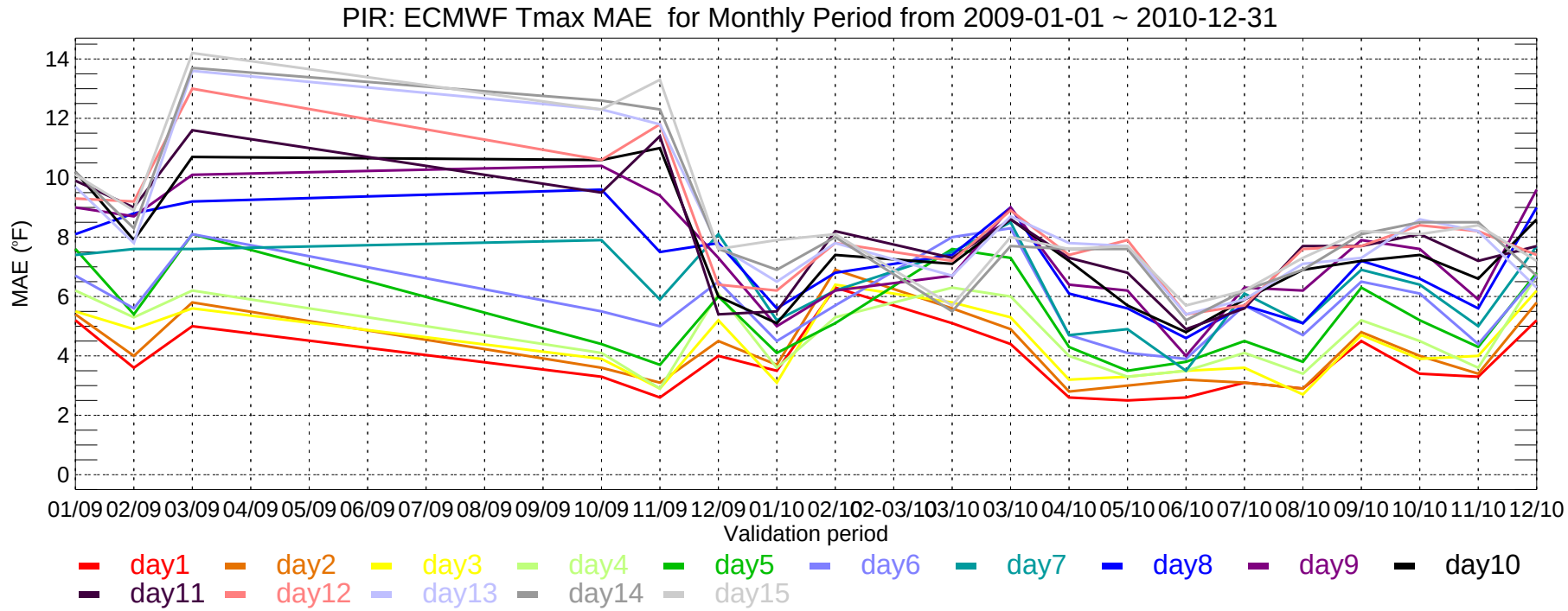

PHL: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

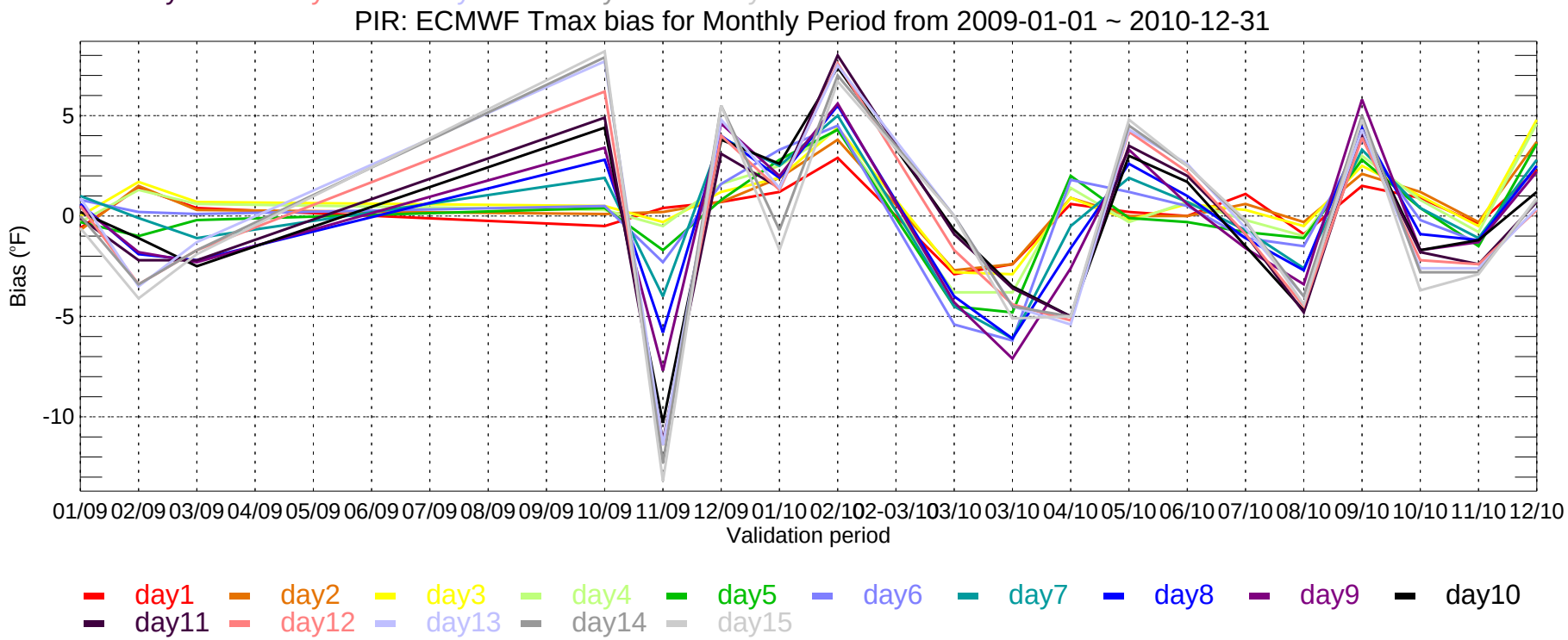

PHX: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

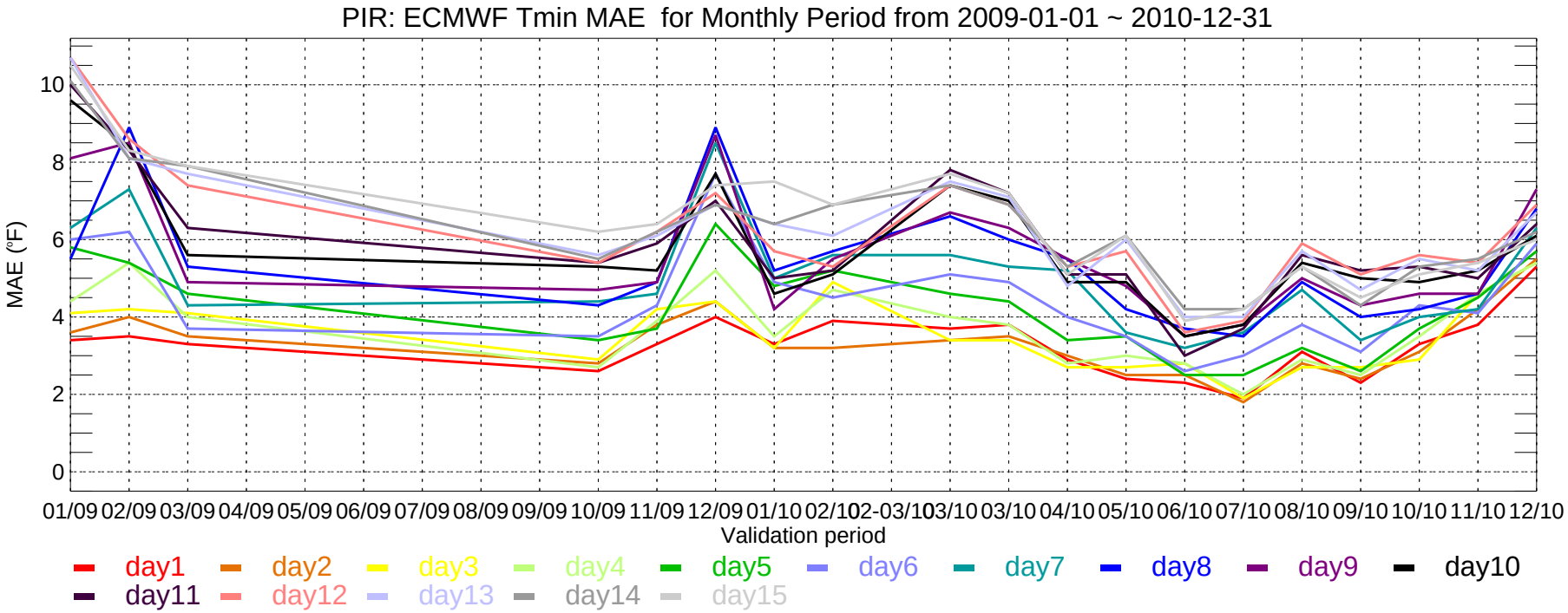

PHX: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

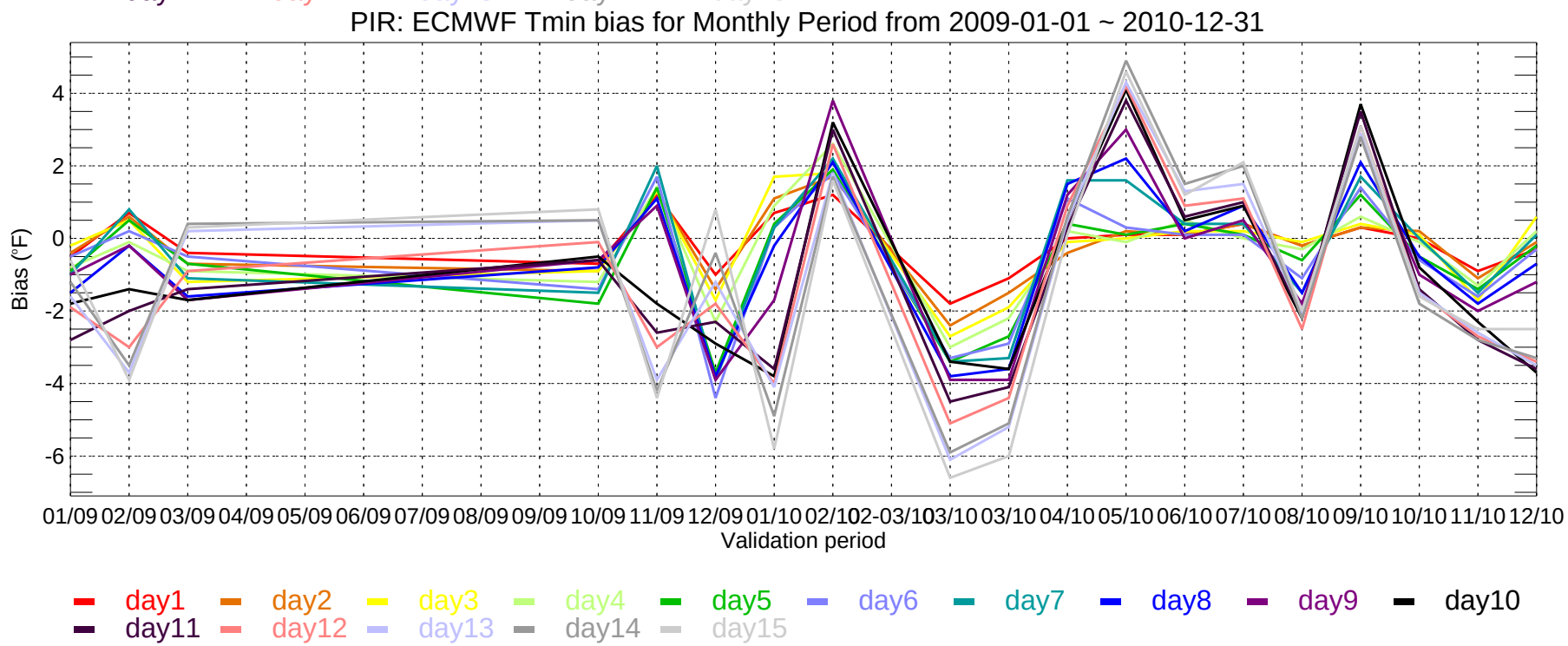

PHX: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

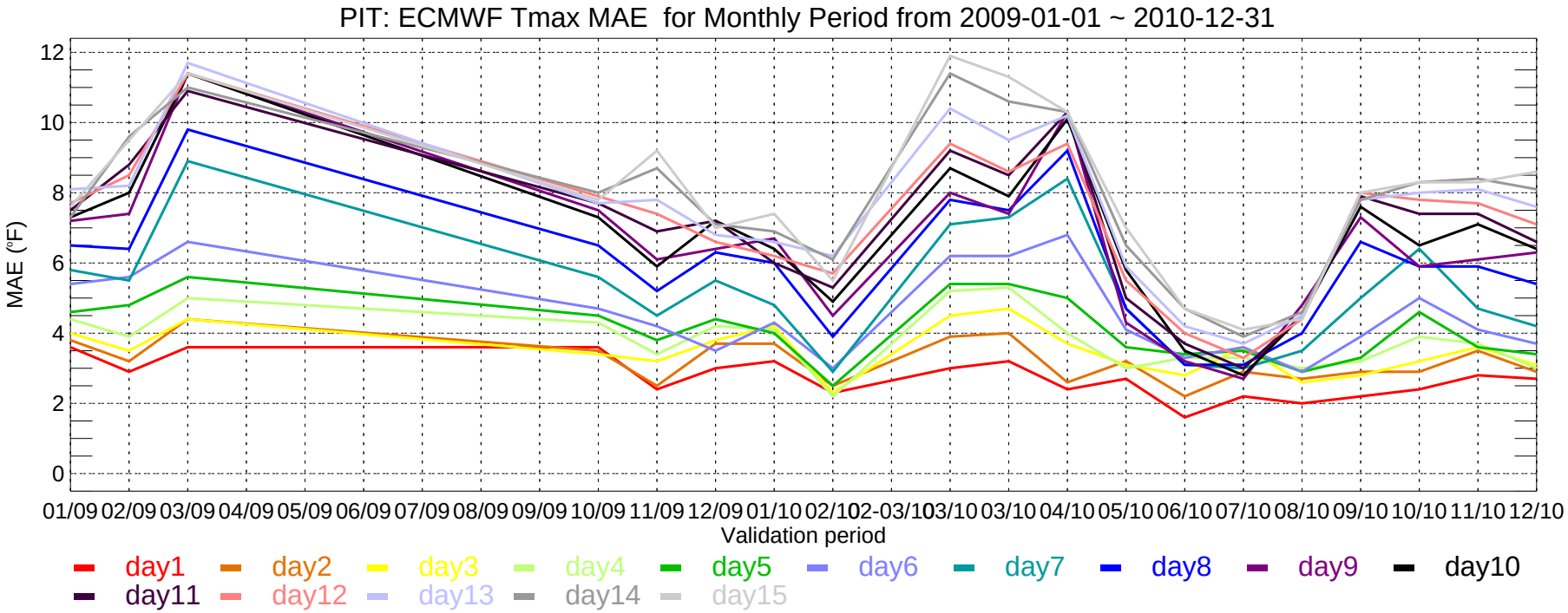

PHX: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

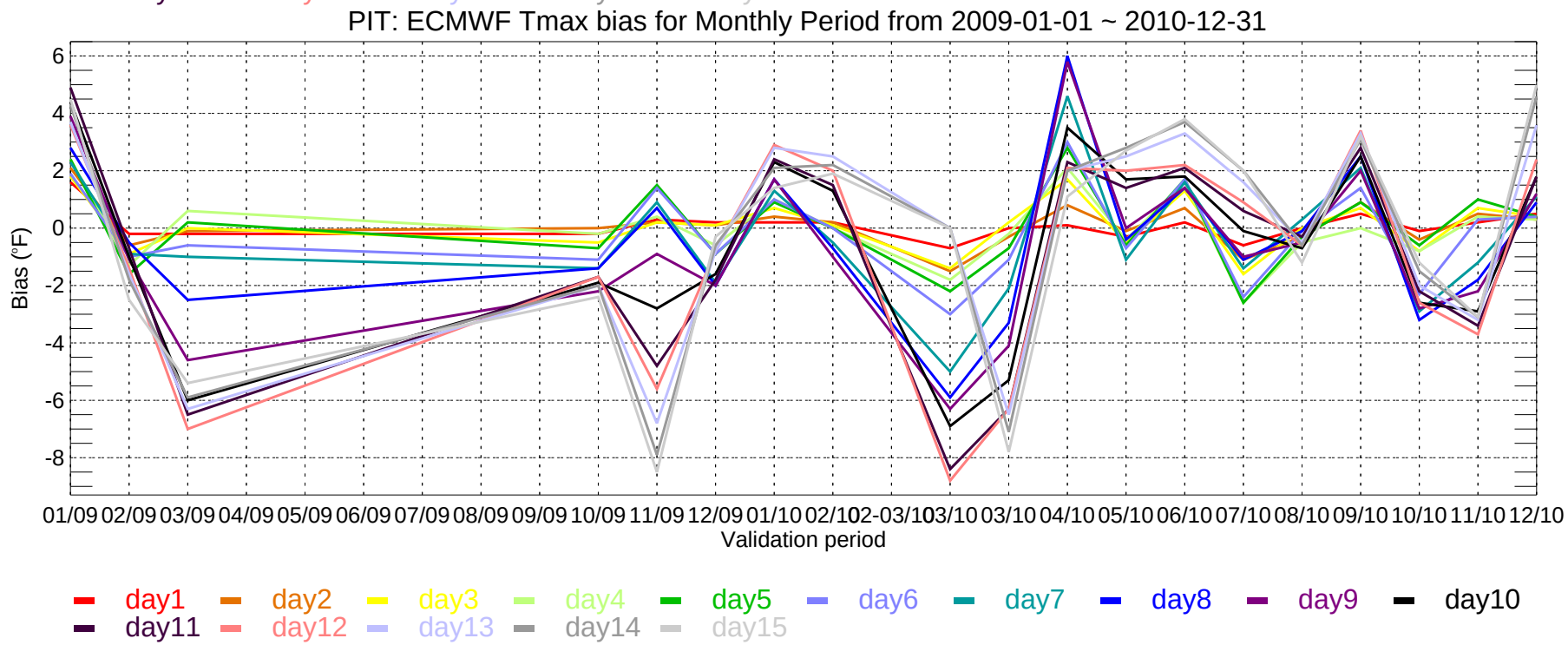

PIR: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
14
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

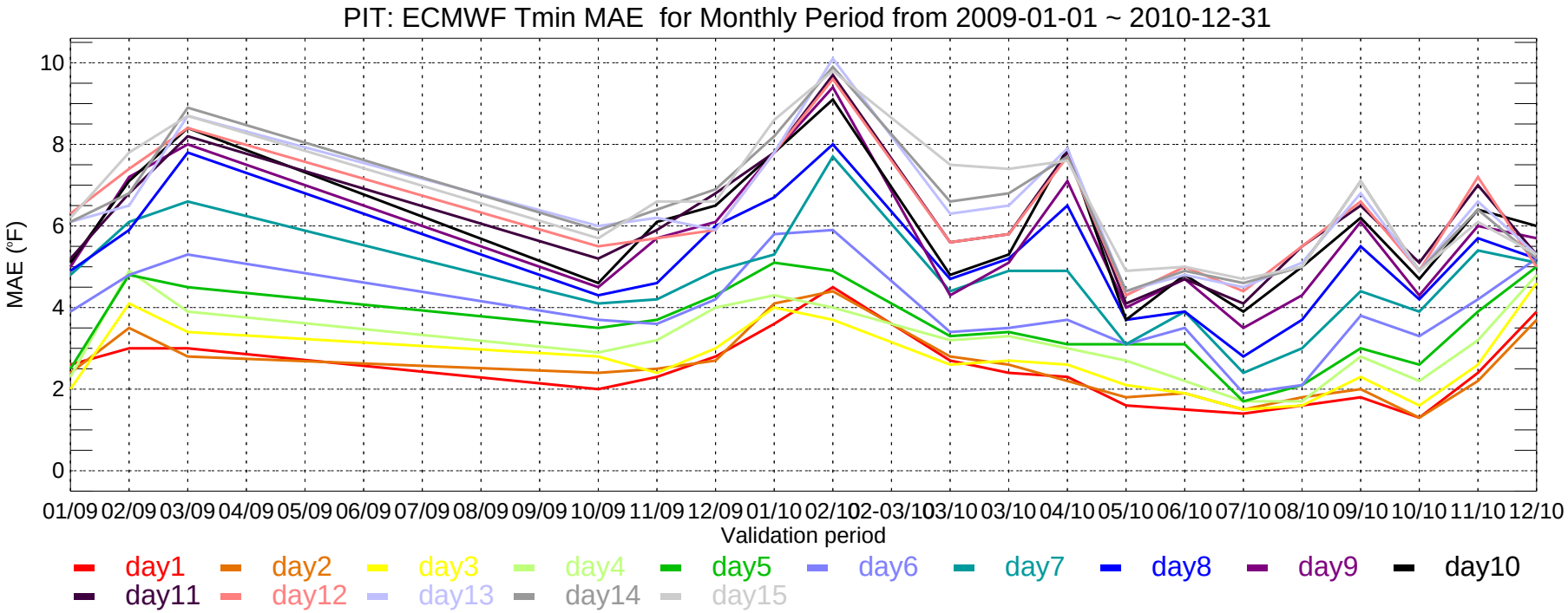

PIR: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-10
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

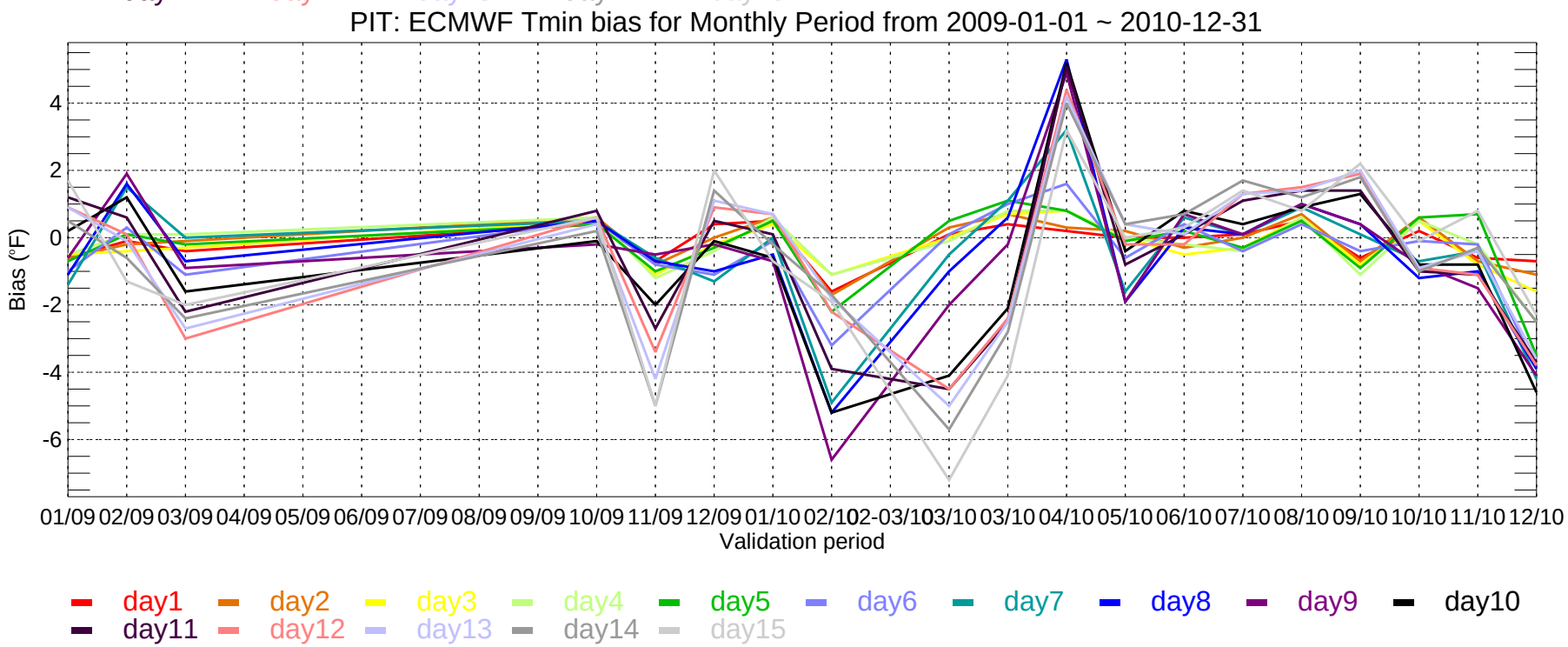

PIR: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

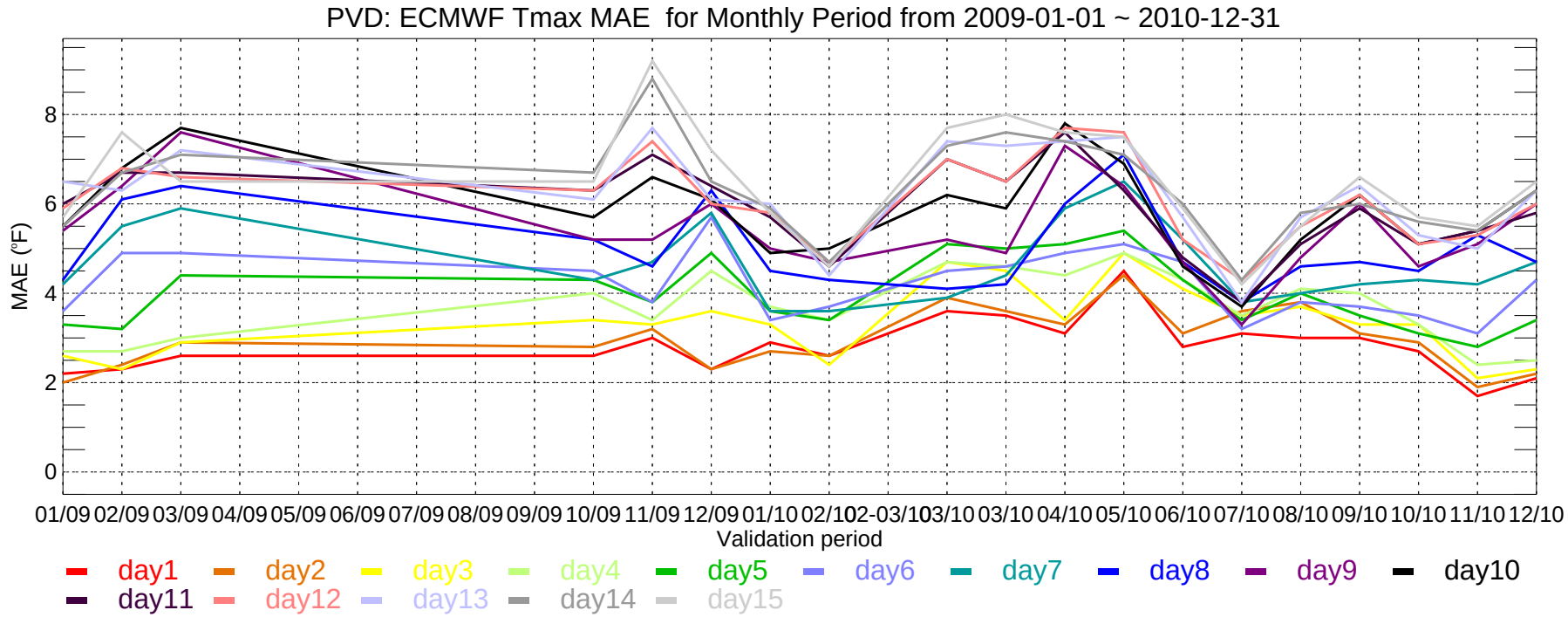

PIR: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

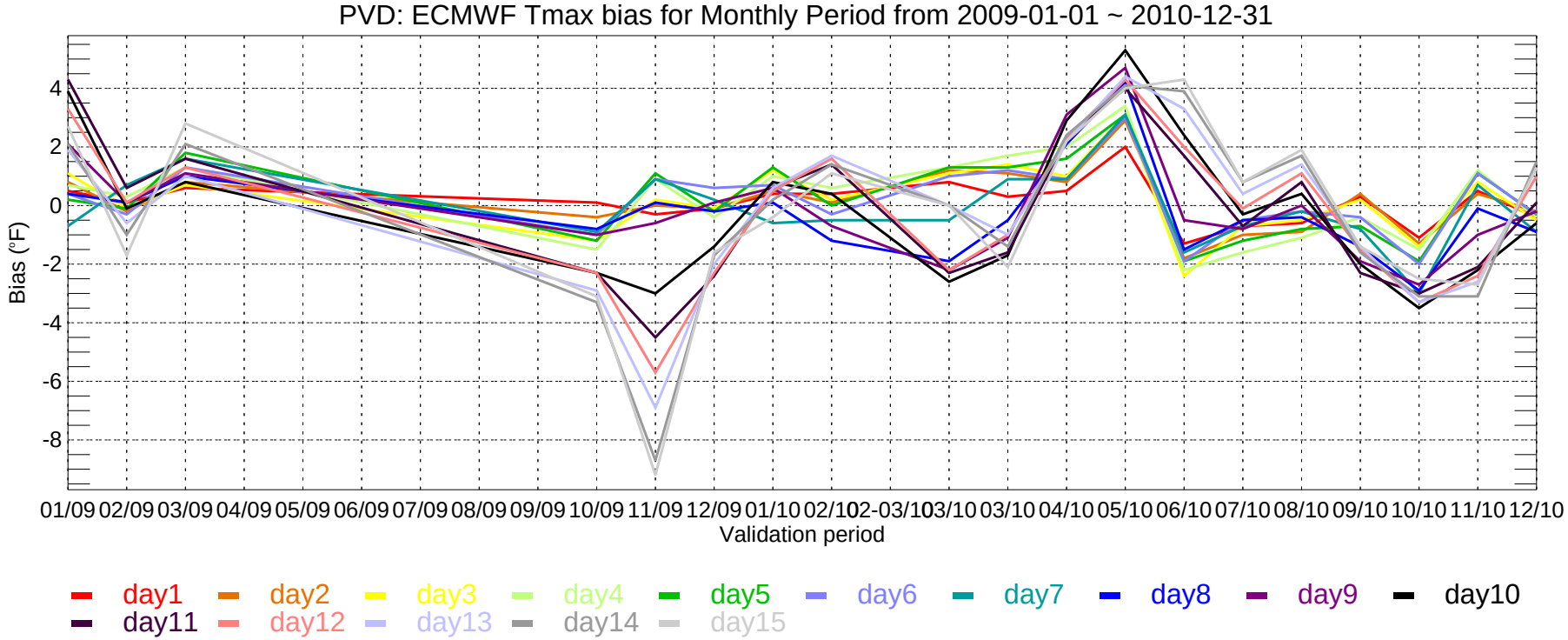

PIT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

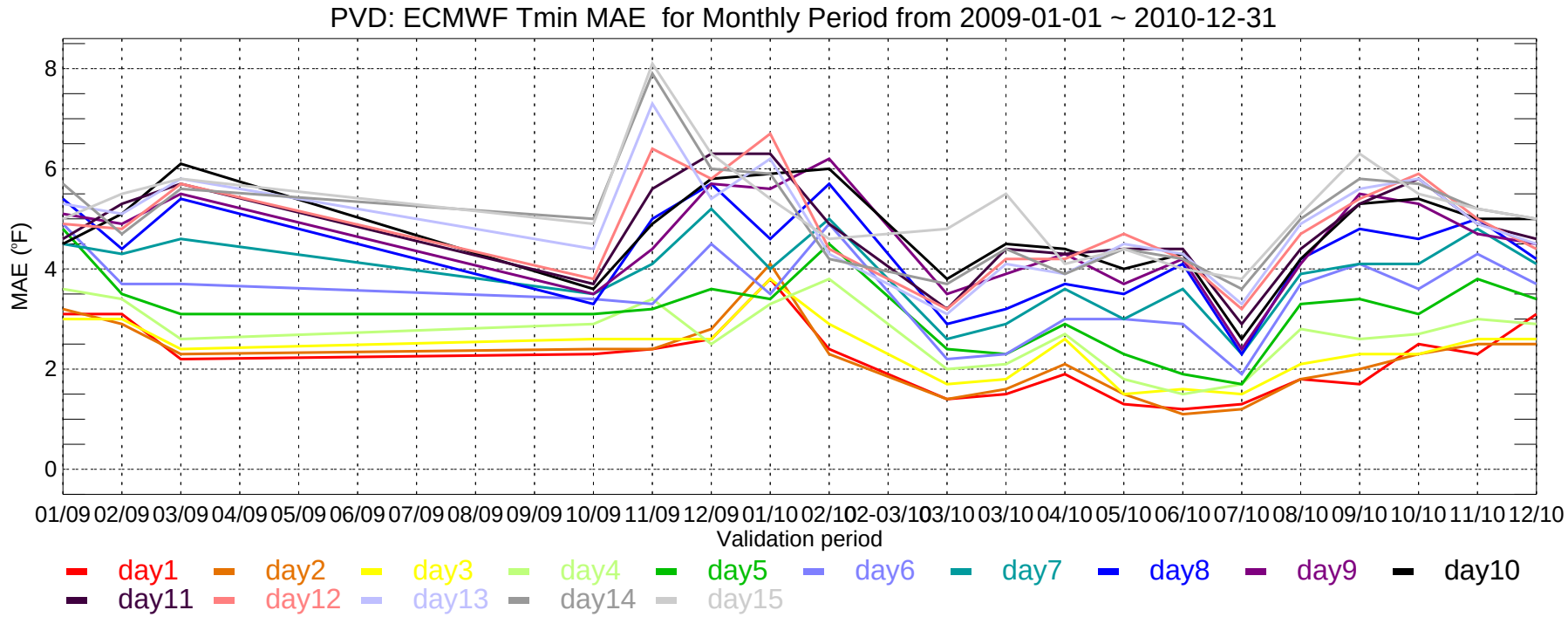

PIT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

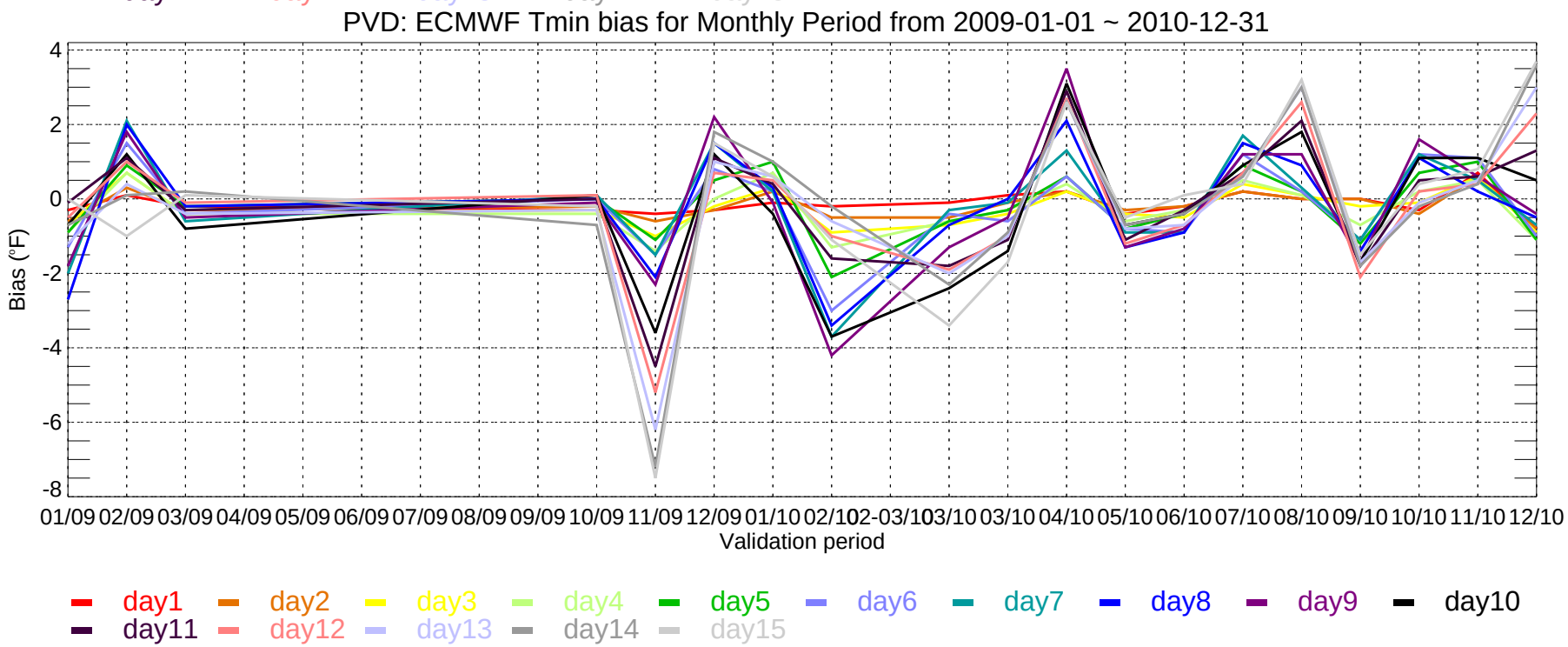

PIT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

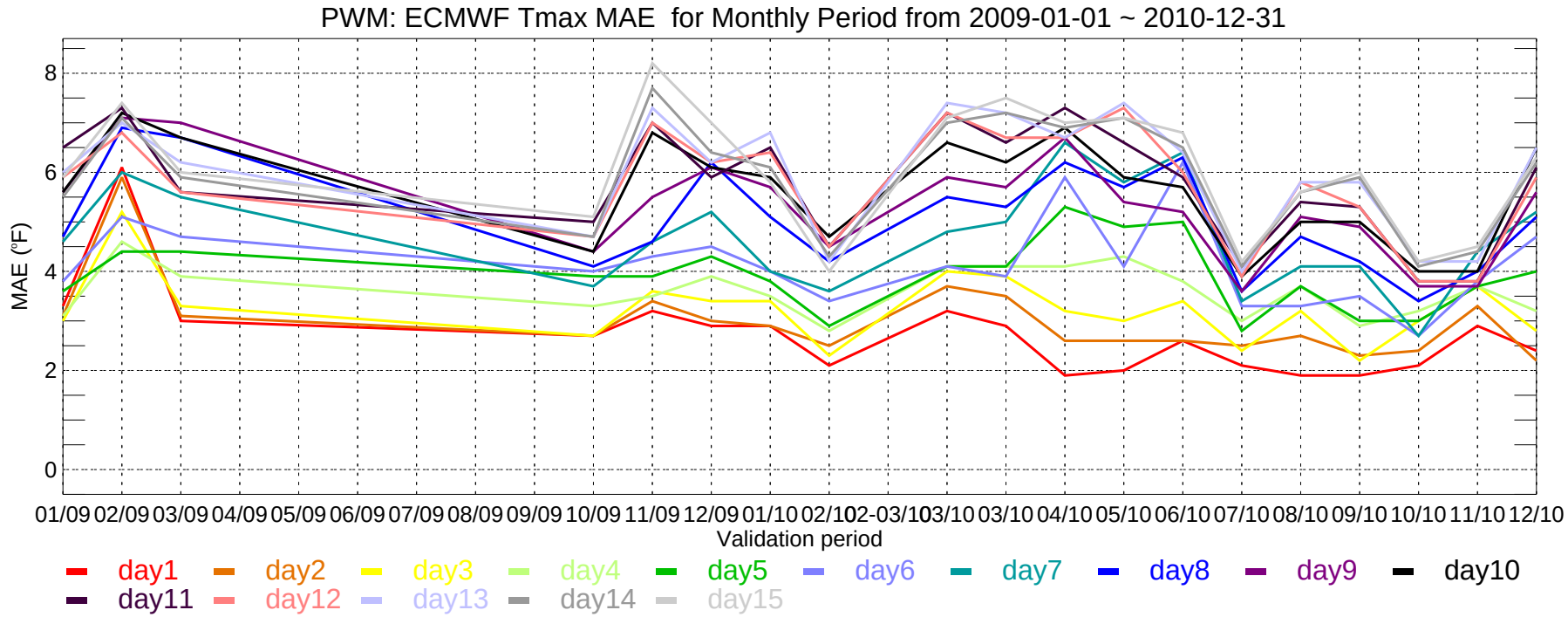

PIT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

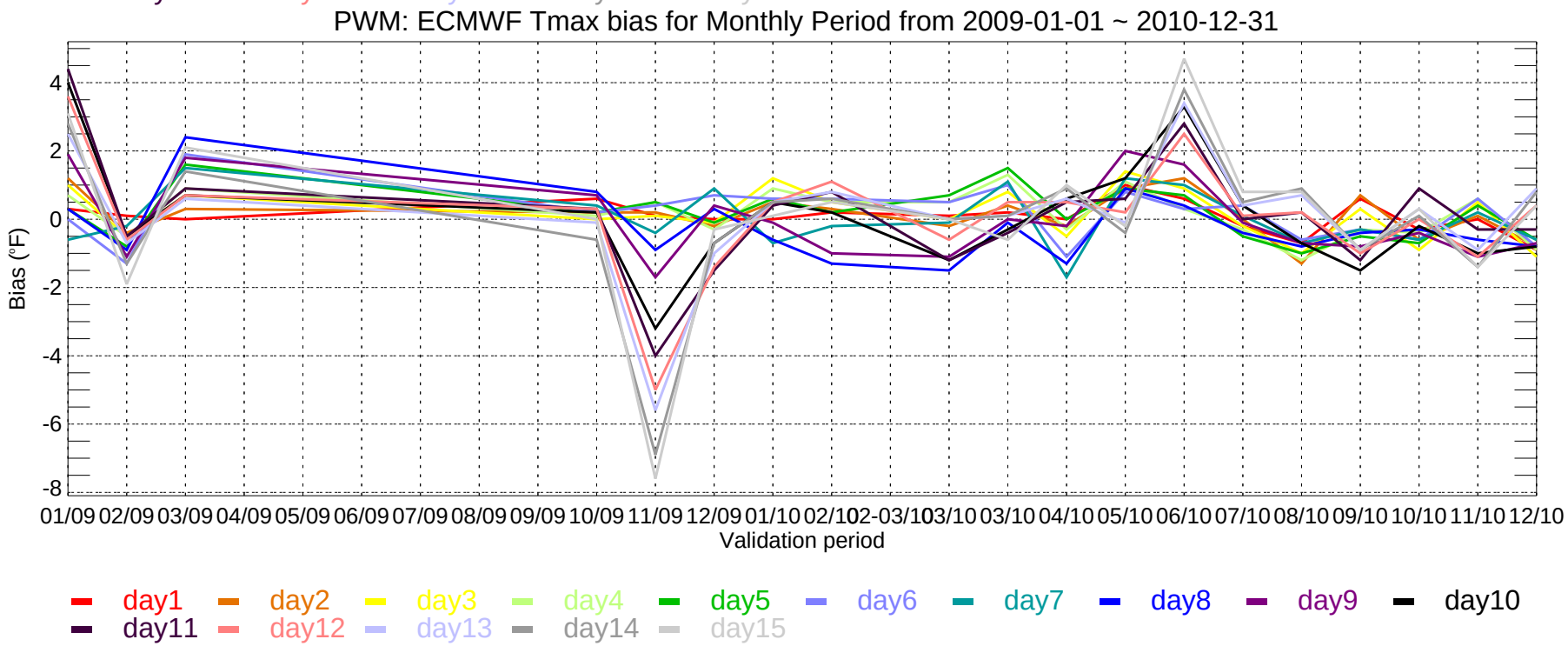

PVD: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

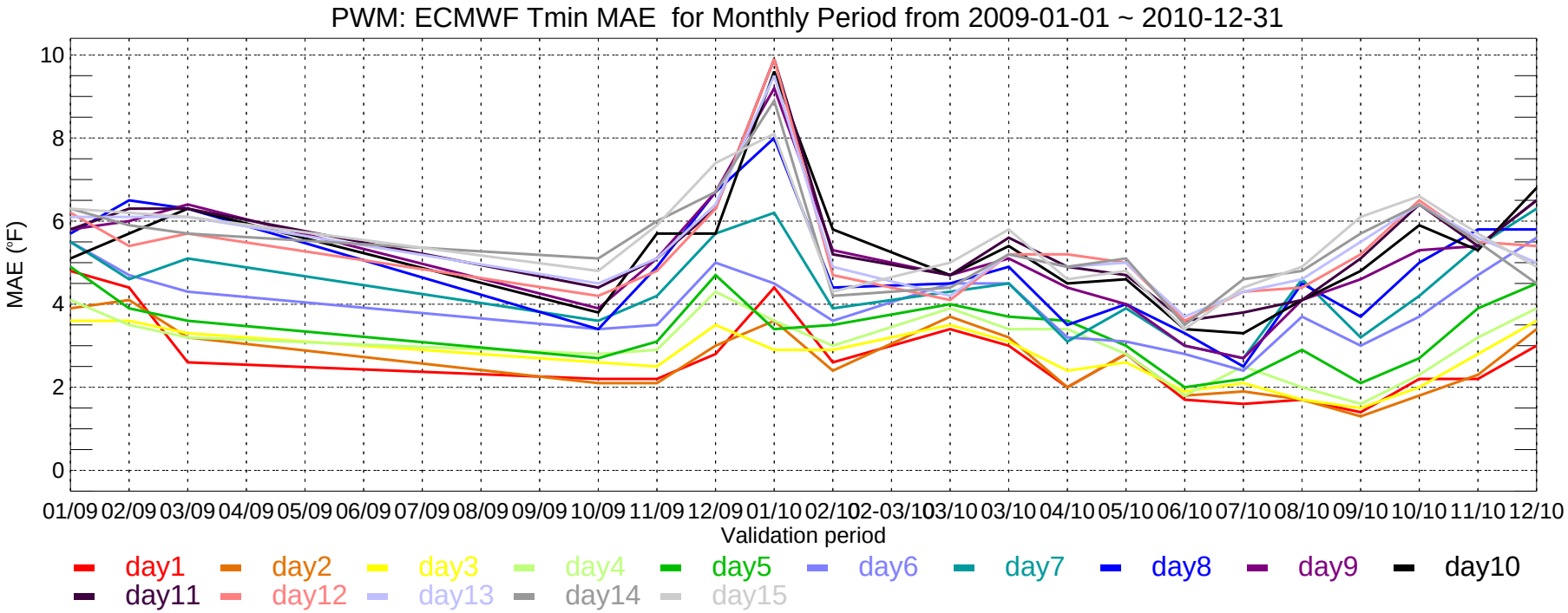

PVD: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

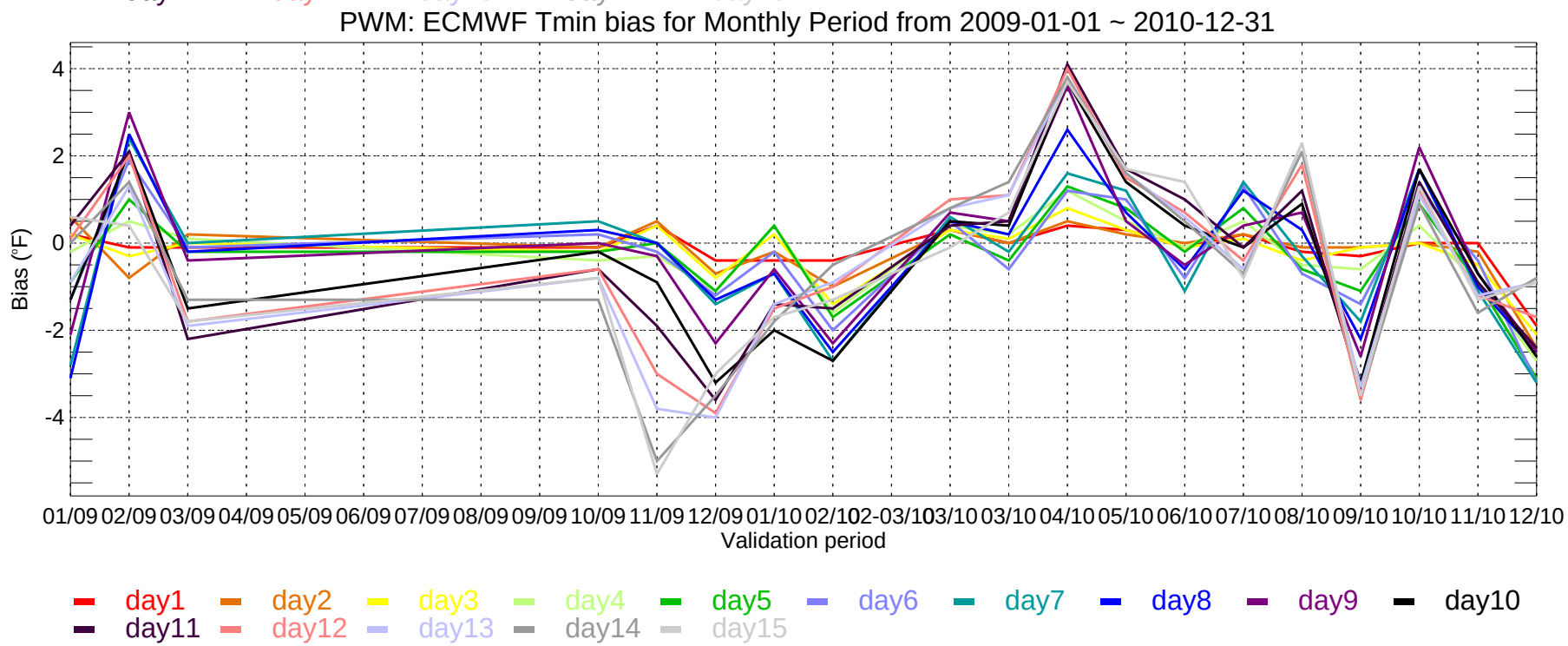

PVD: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

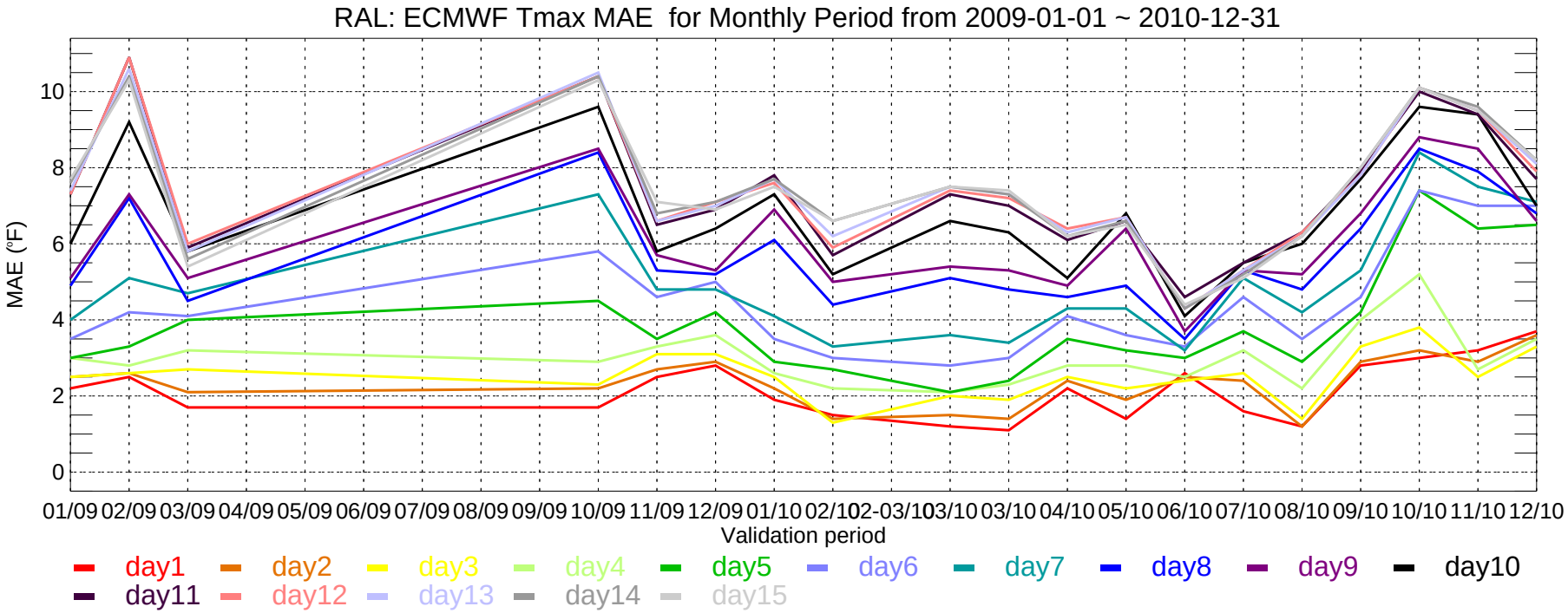

PVD: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

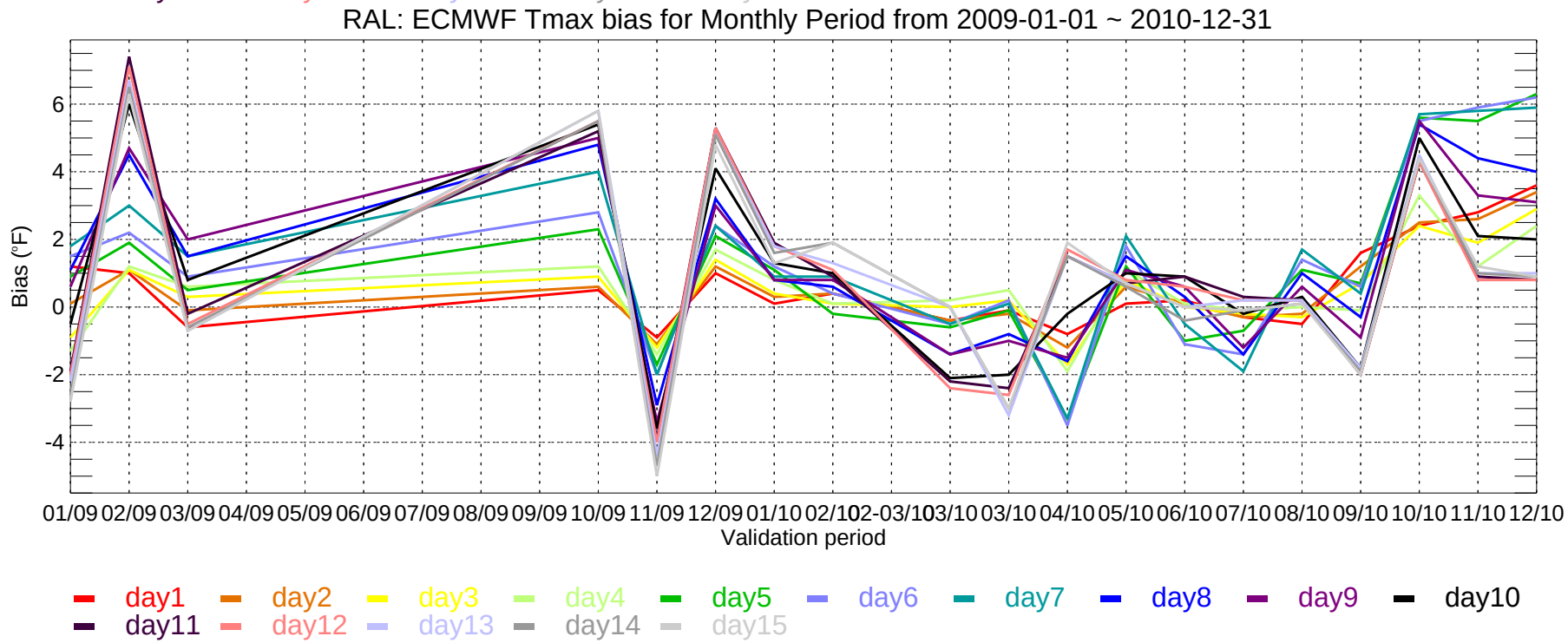

PWM: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

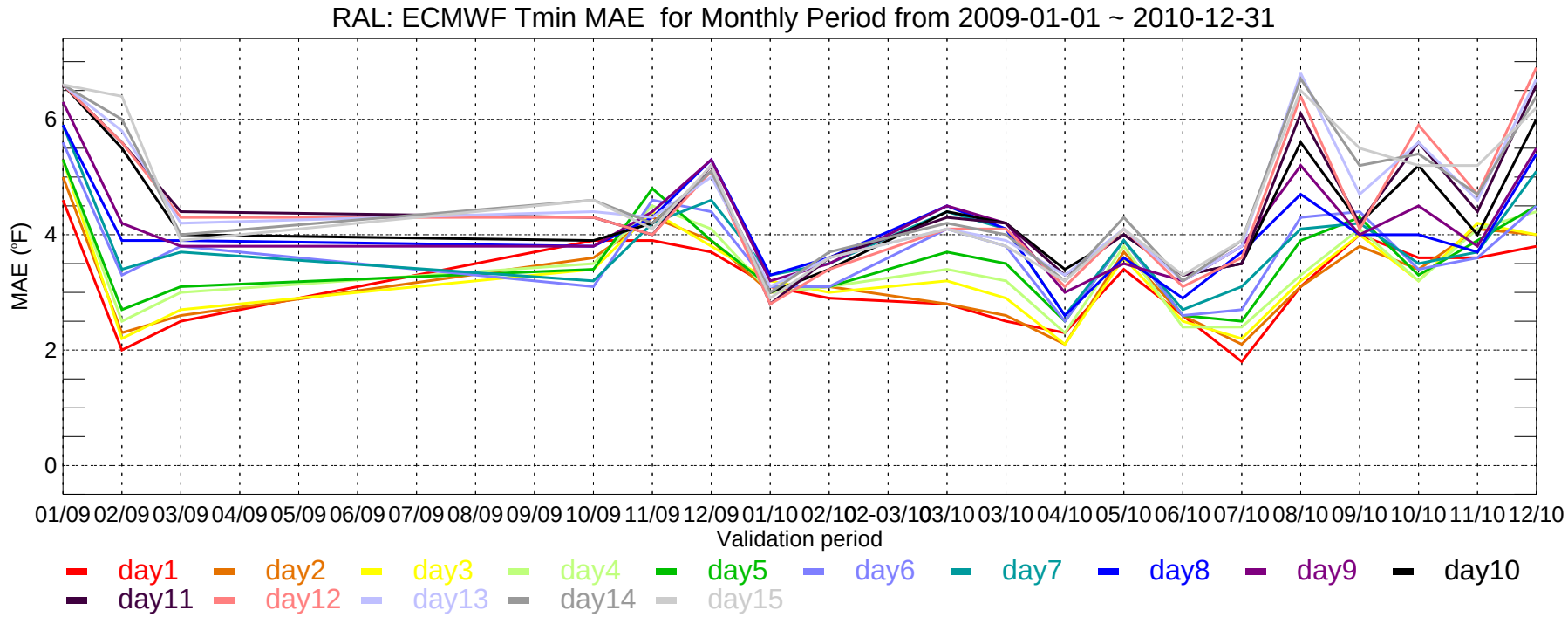

PWM: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

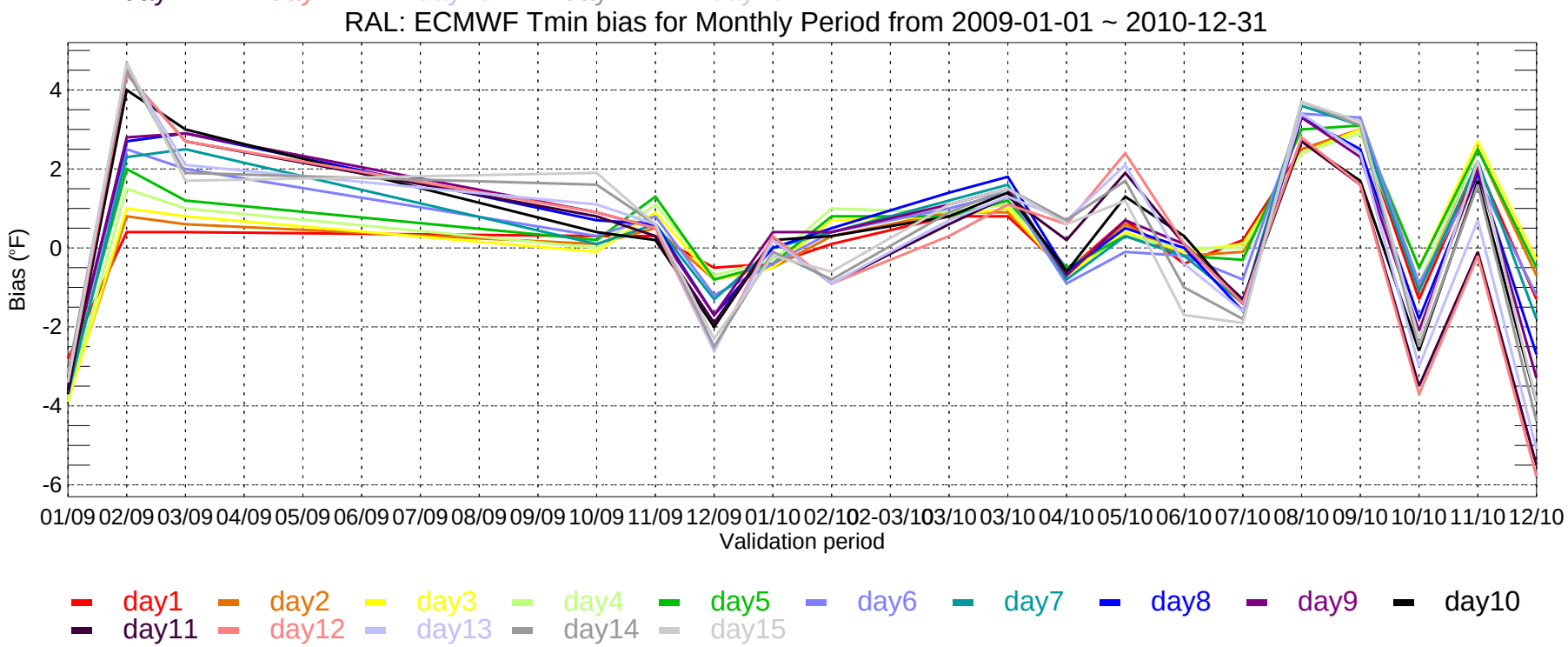

PWM: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

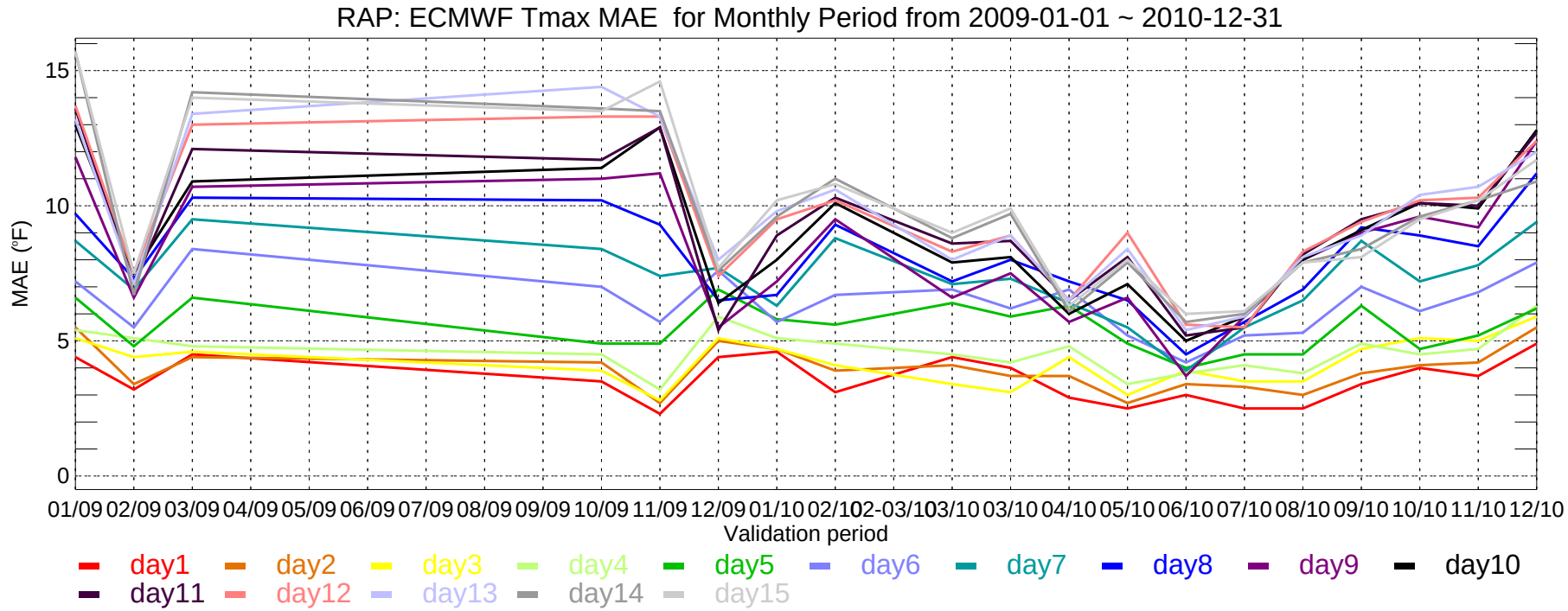

PWM: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

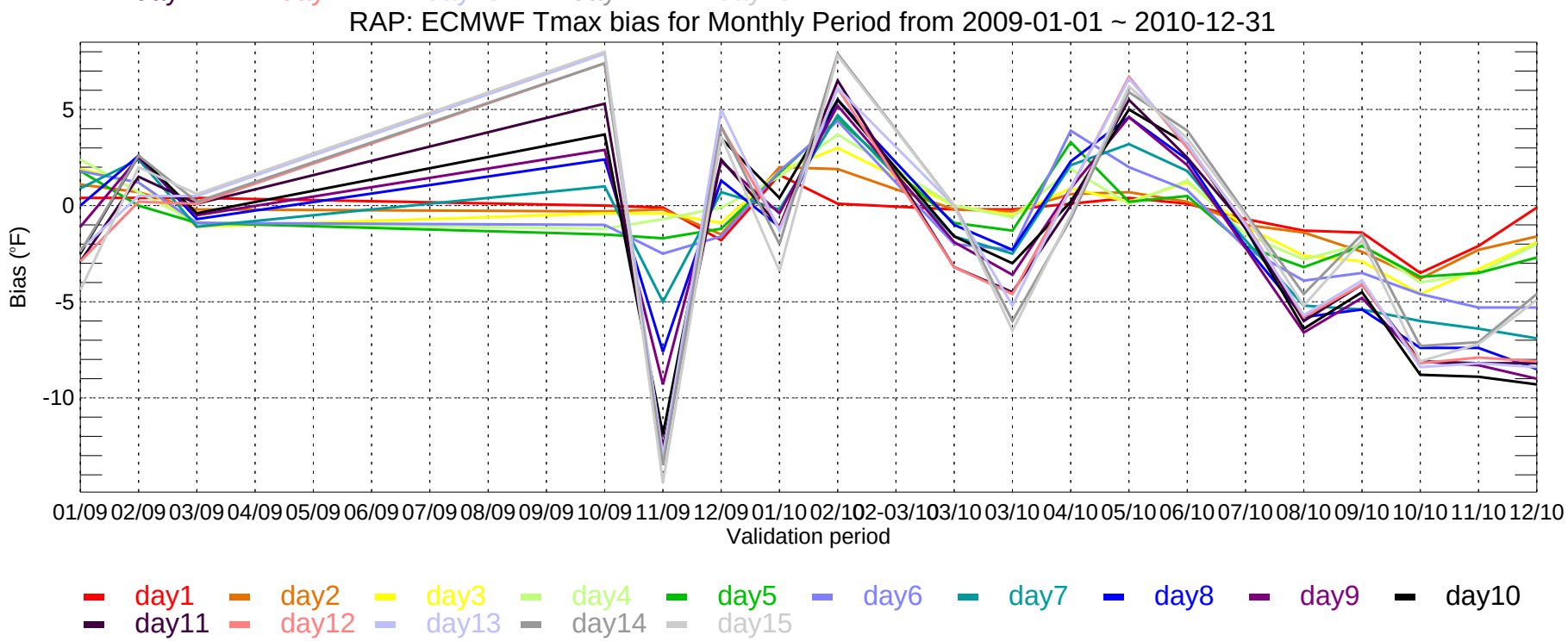

RAL: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

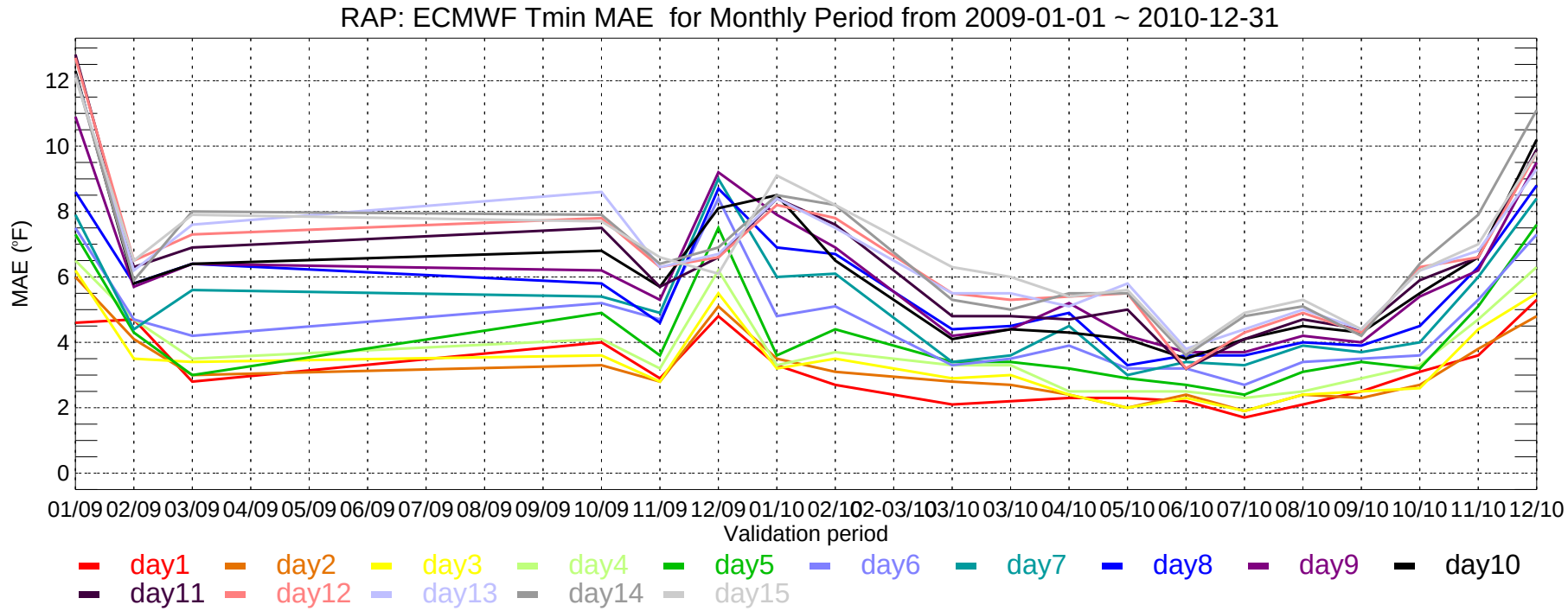

RAL: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

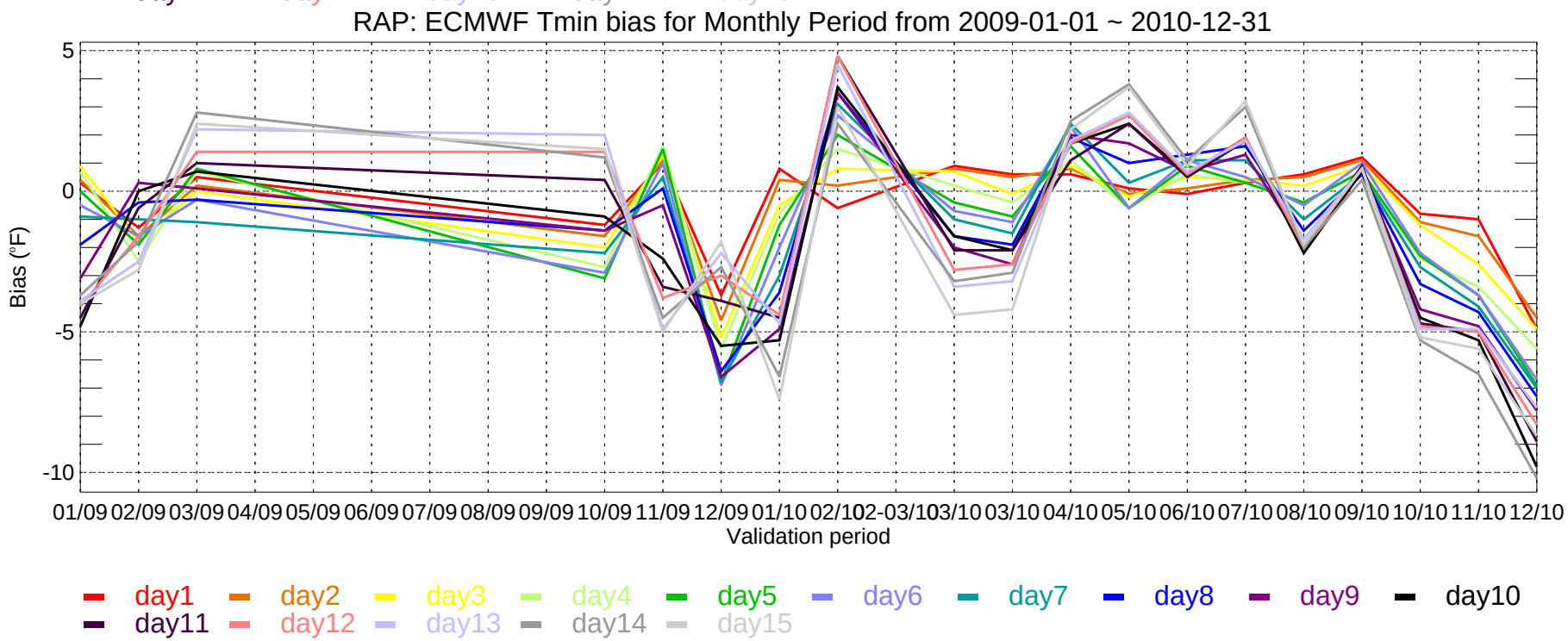

RAL: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

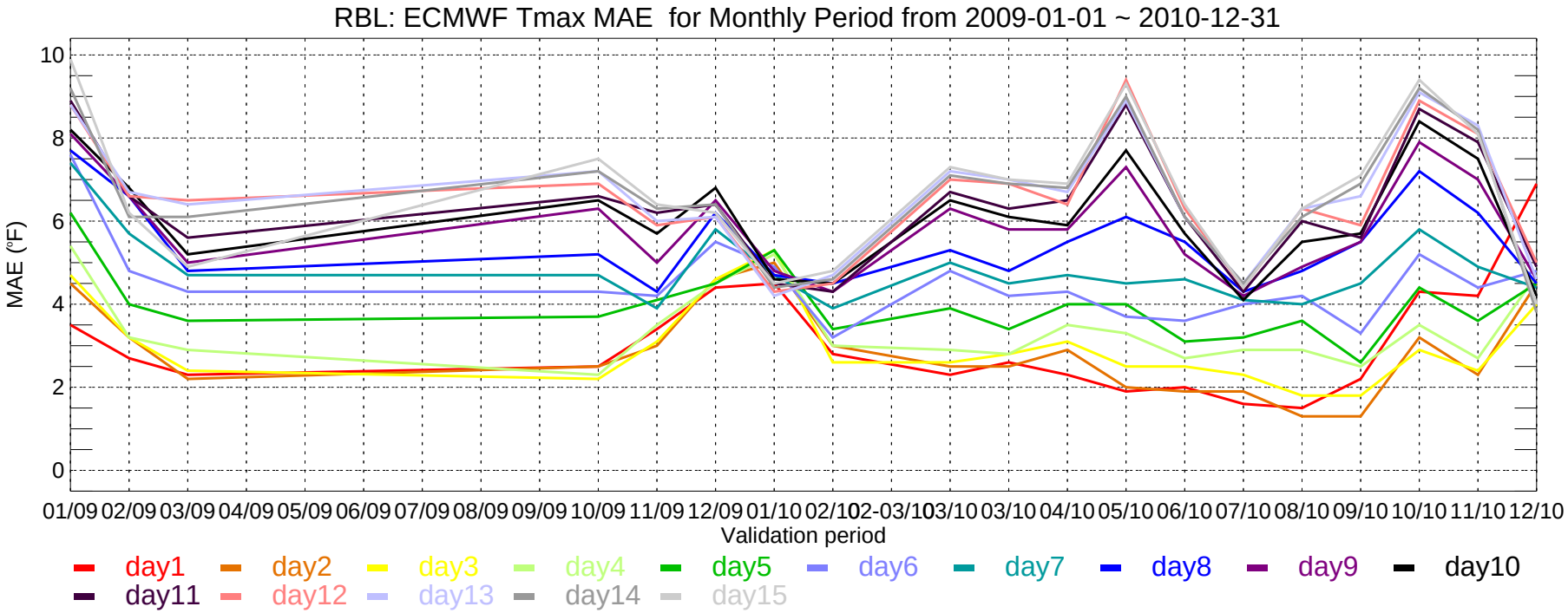

RAL: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

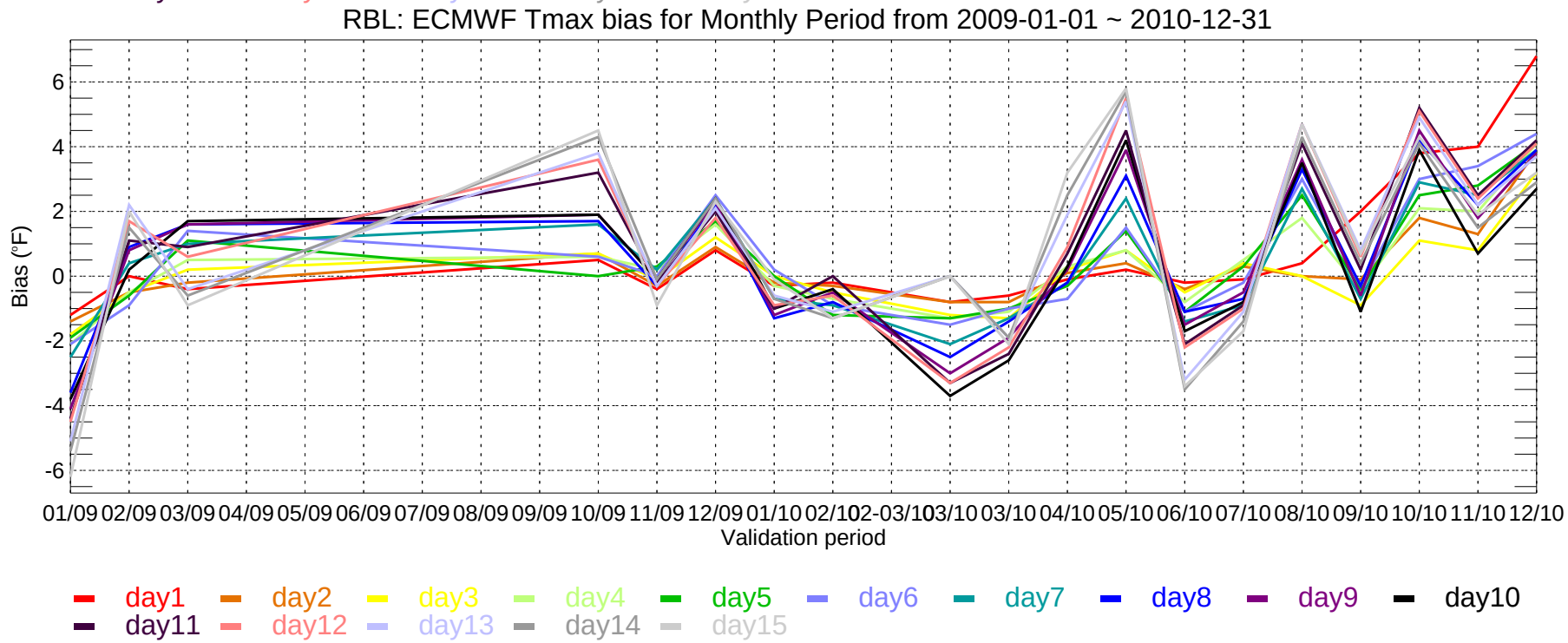

RAP: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
15
10
5
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

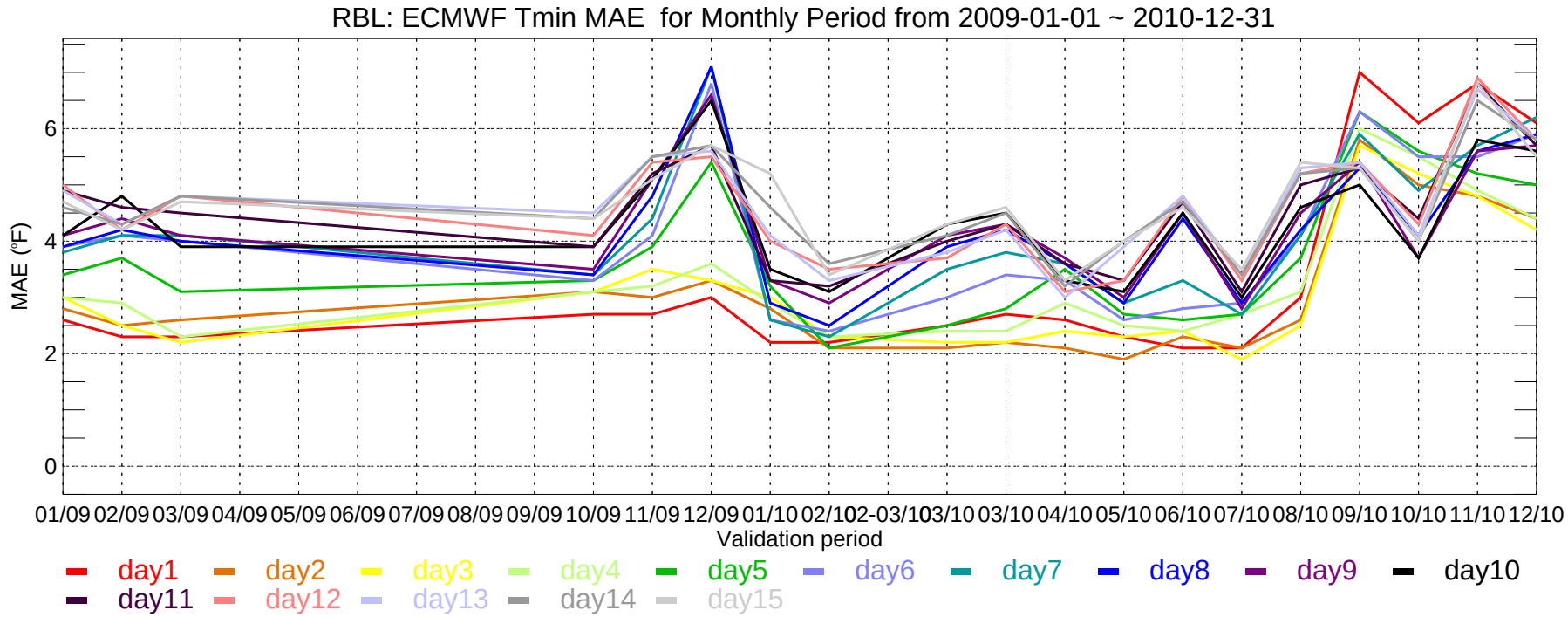

RAP: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

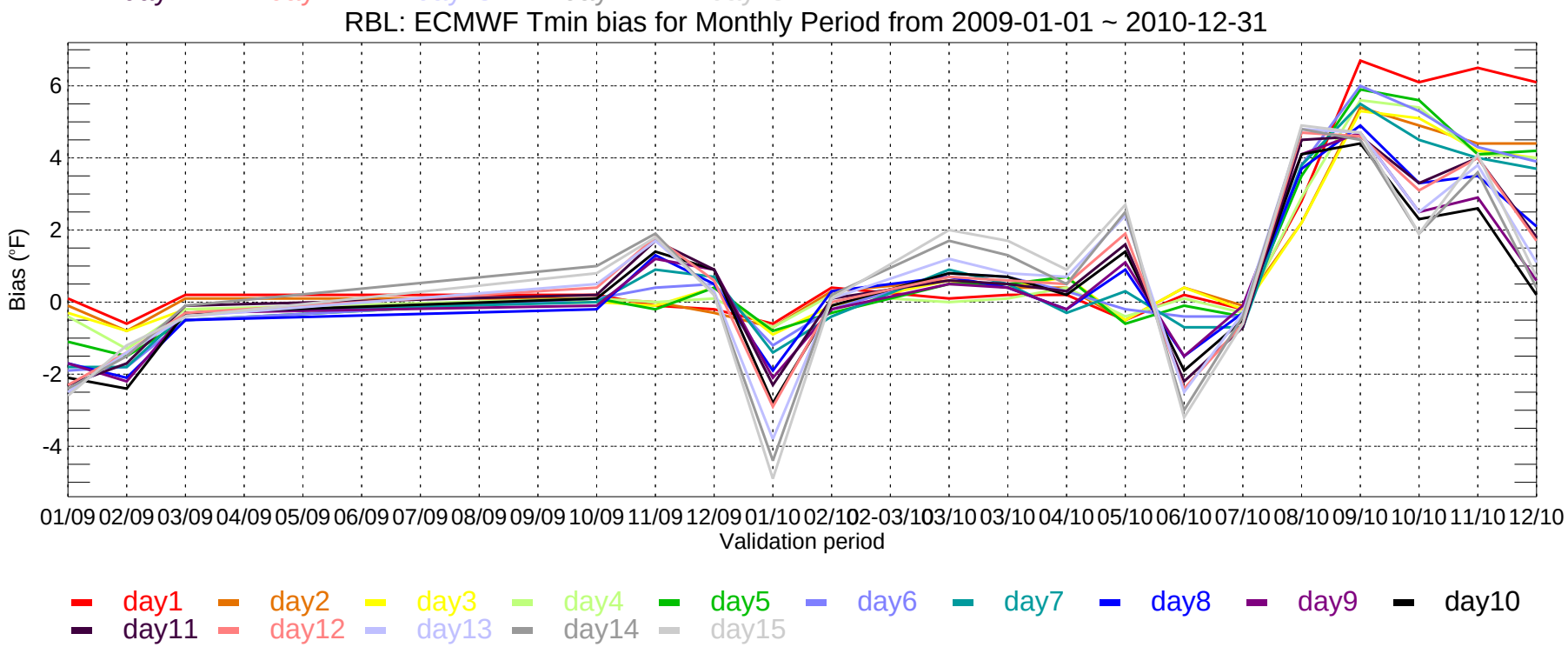

RAP: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

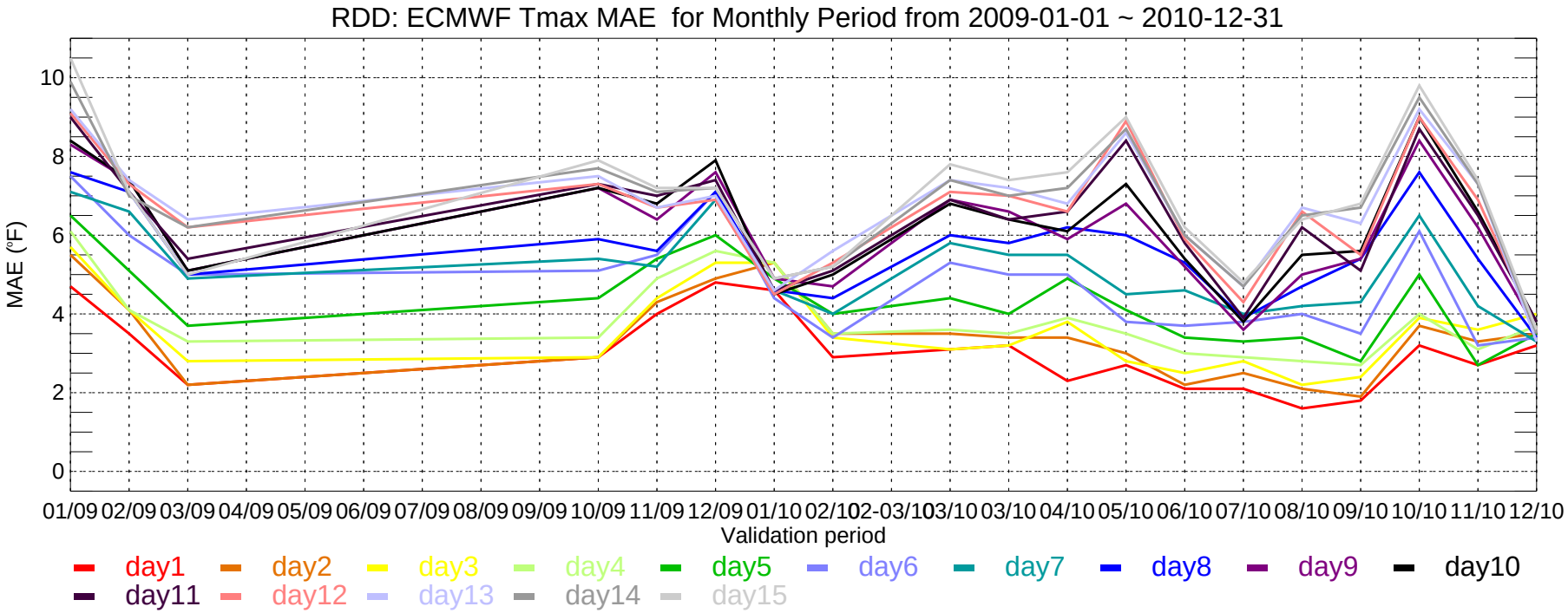

RAP: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

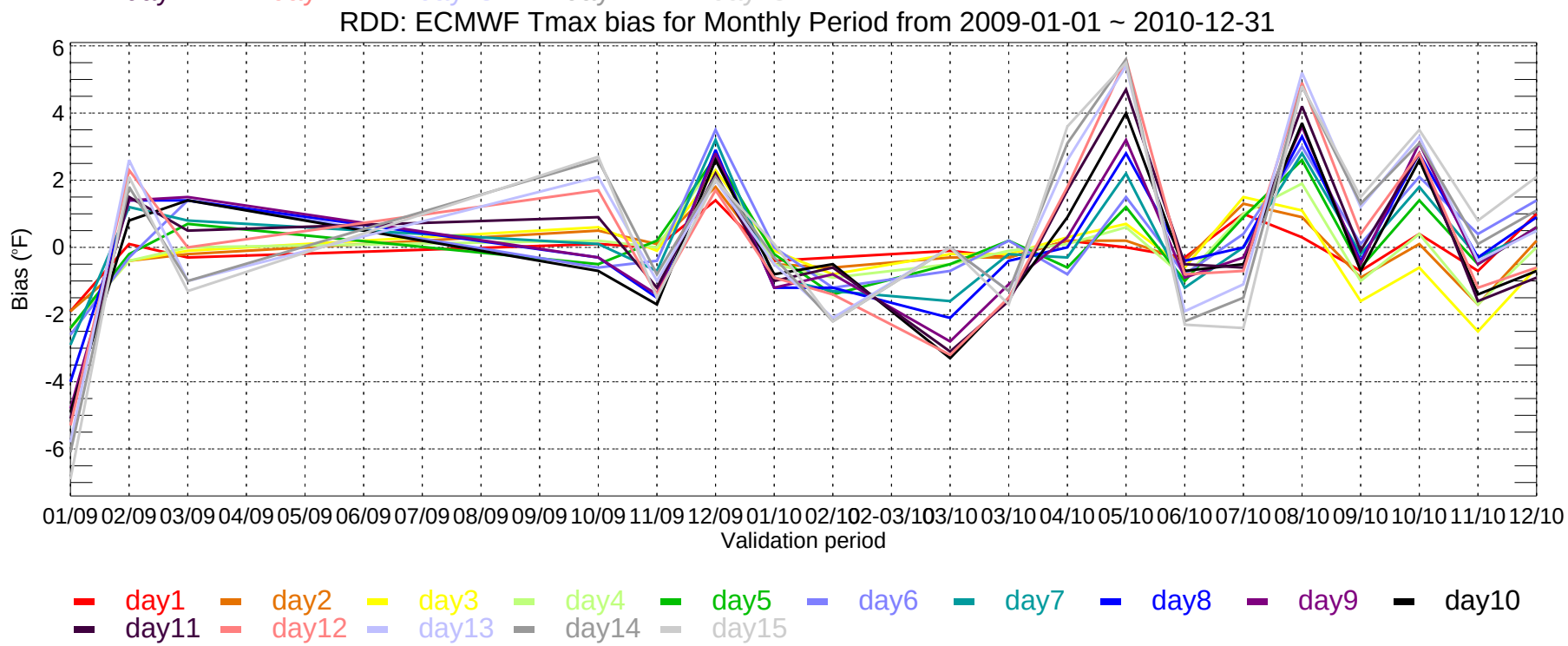

RBL: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

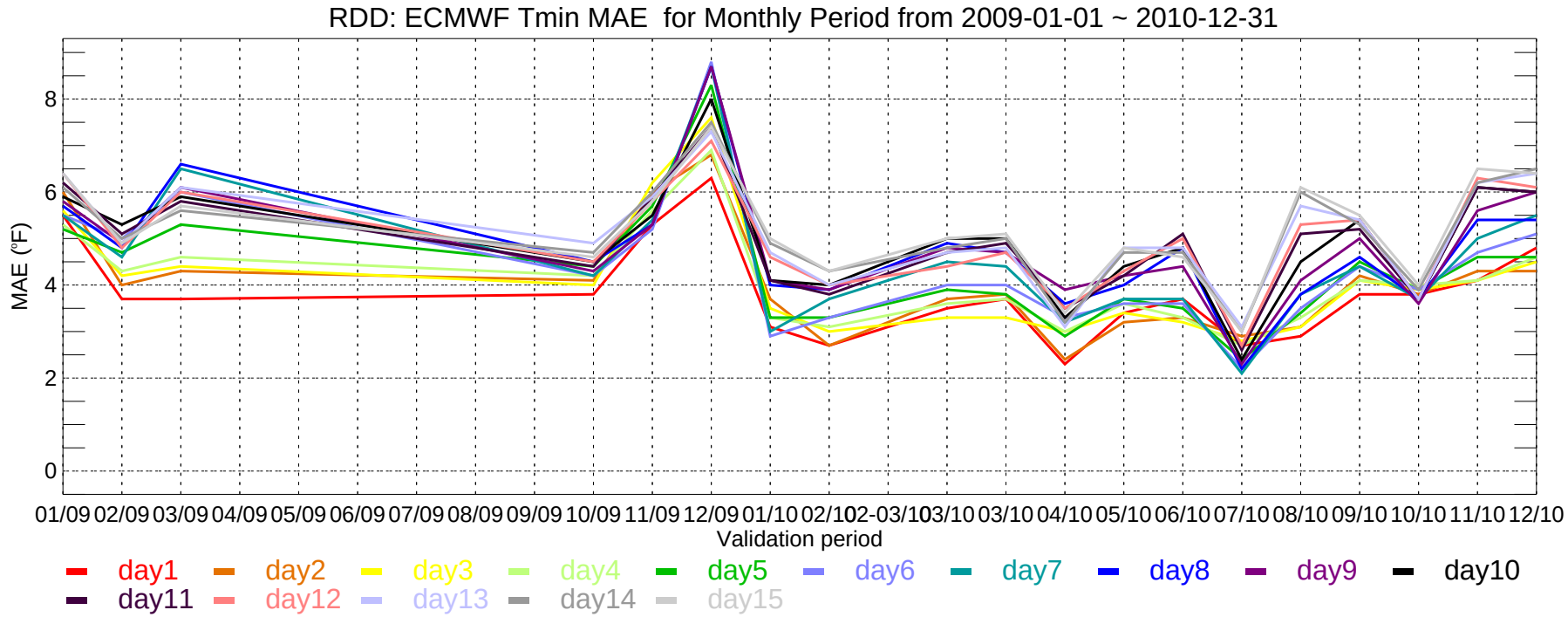

RBL: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

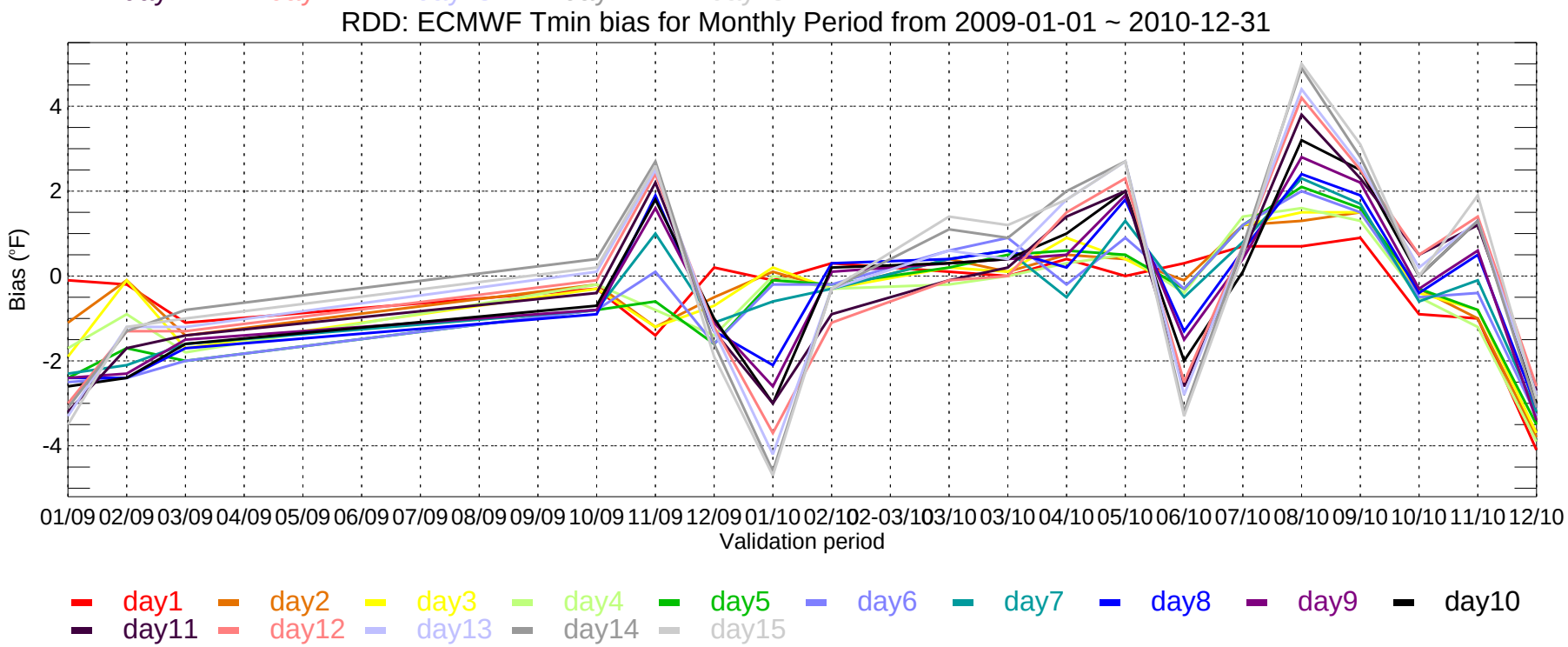

RBL: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

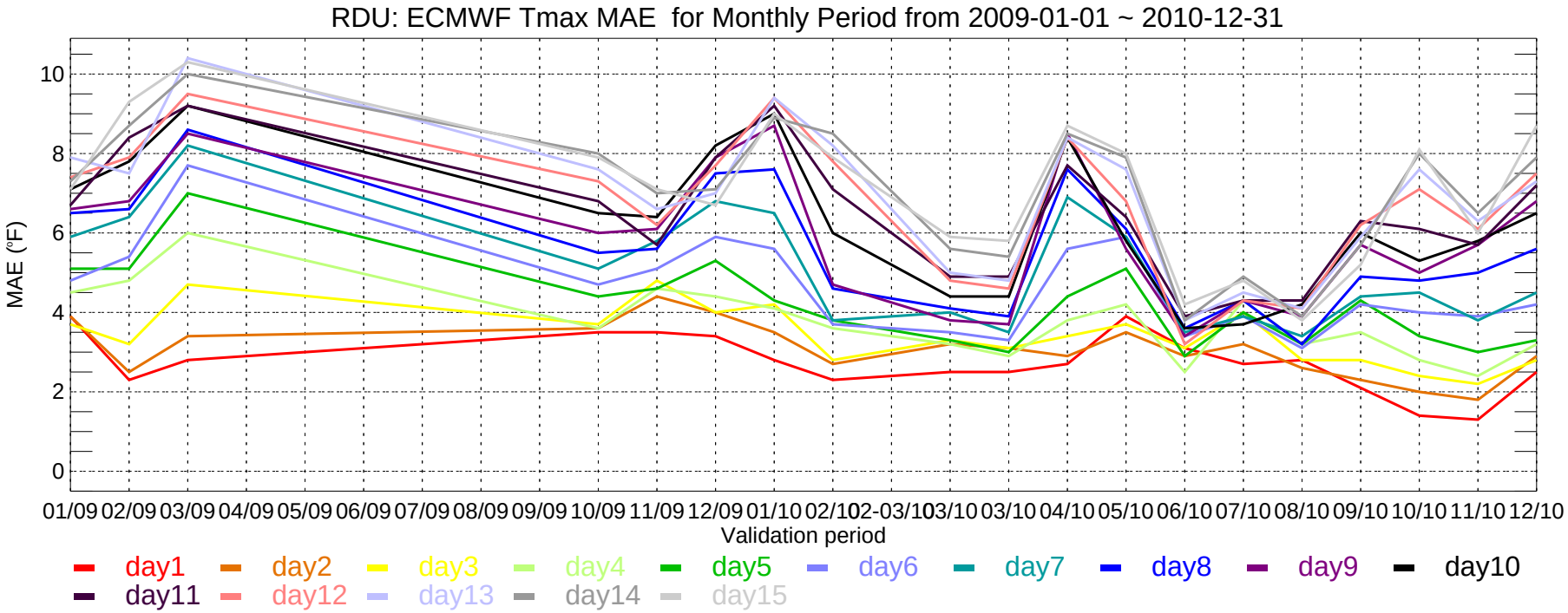

RBL: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

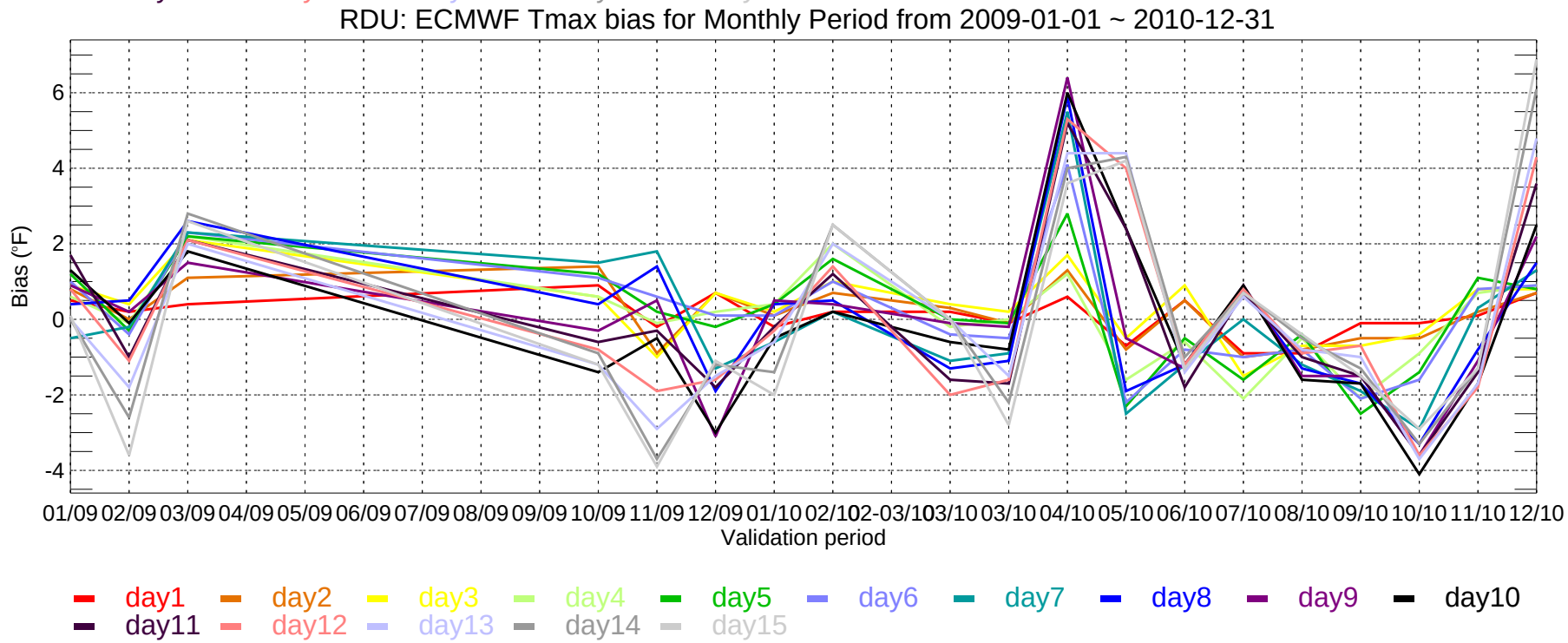

RDD: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

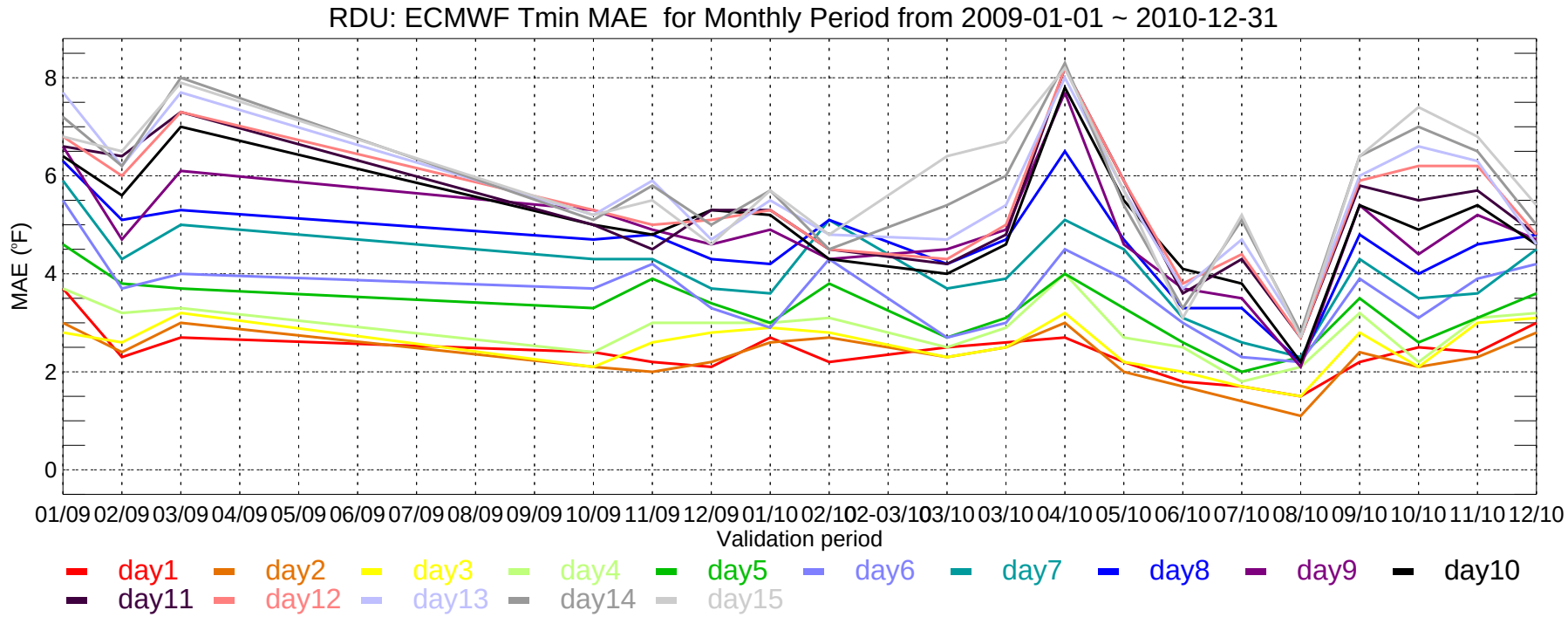

RDD: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

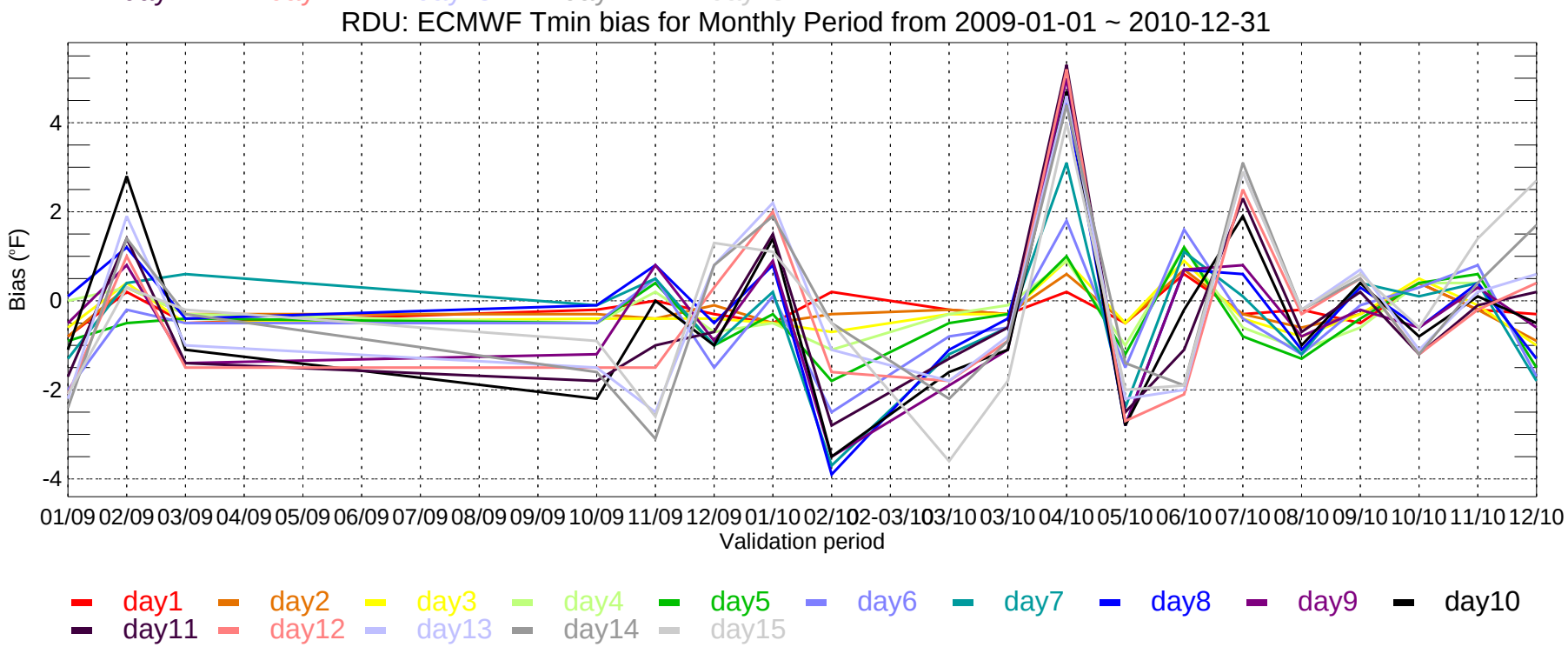

RDD: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

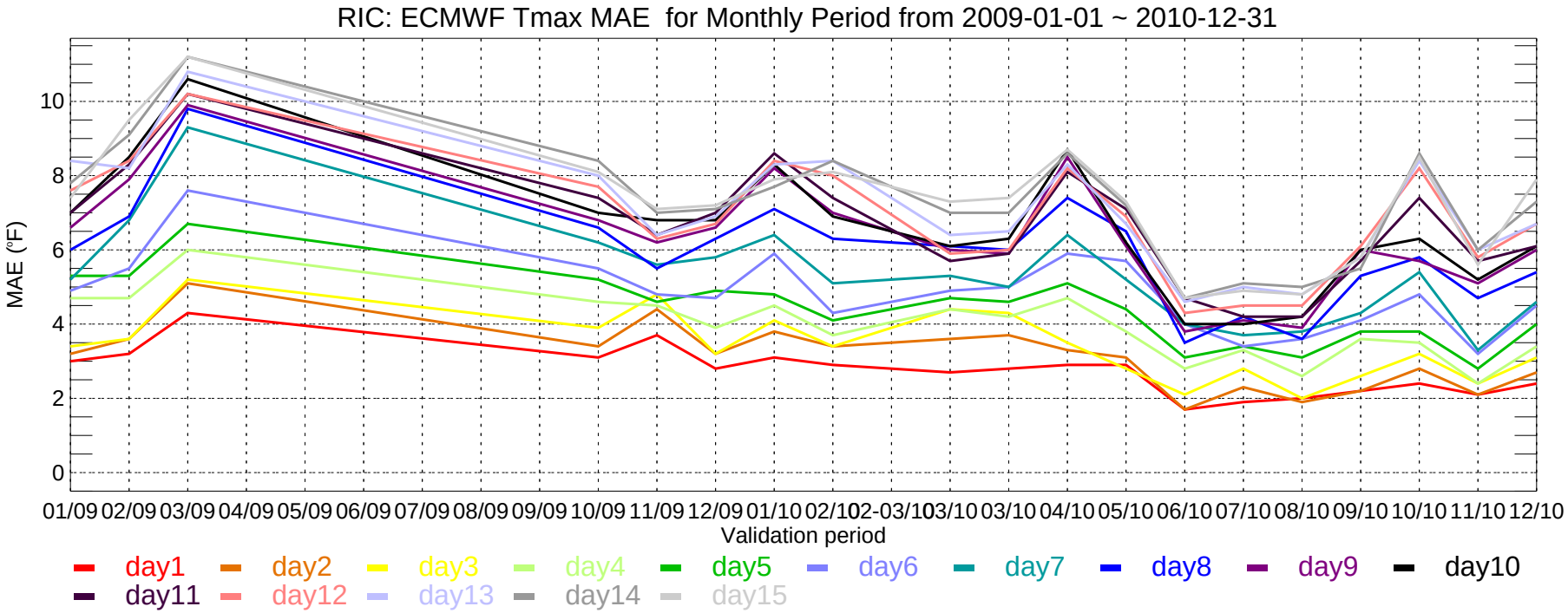

RDD: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

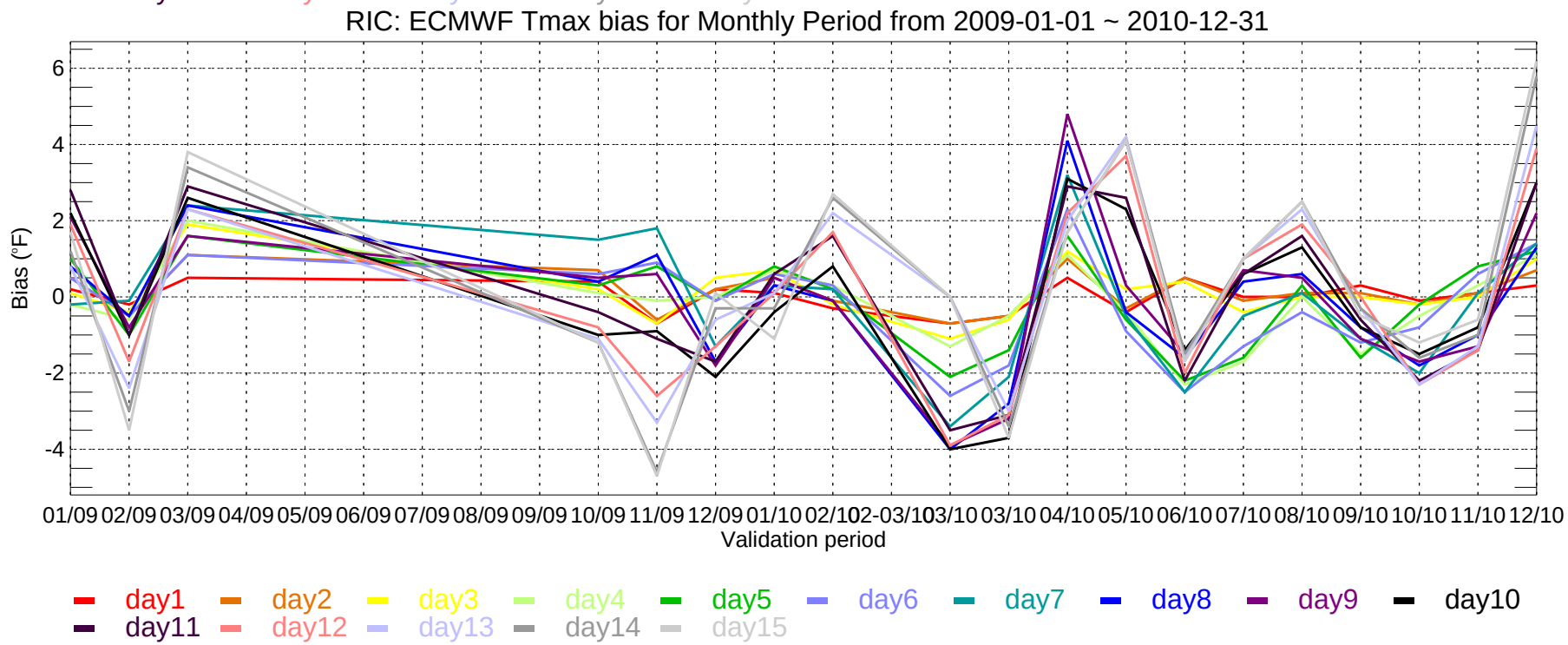

RDU: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

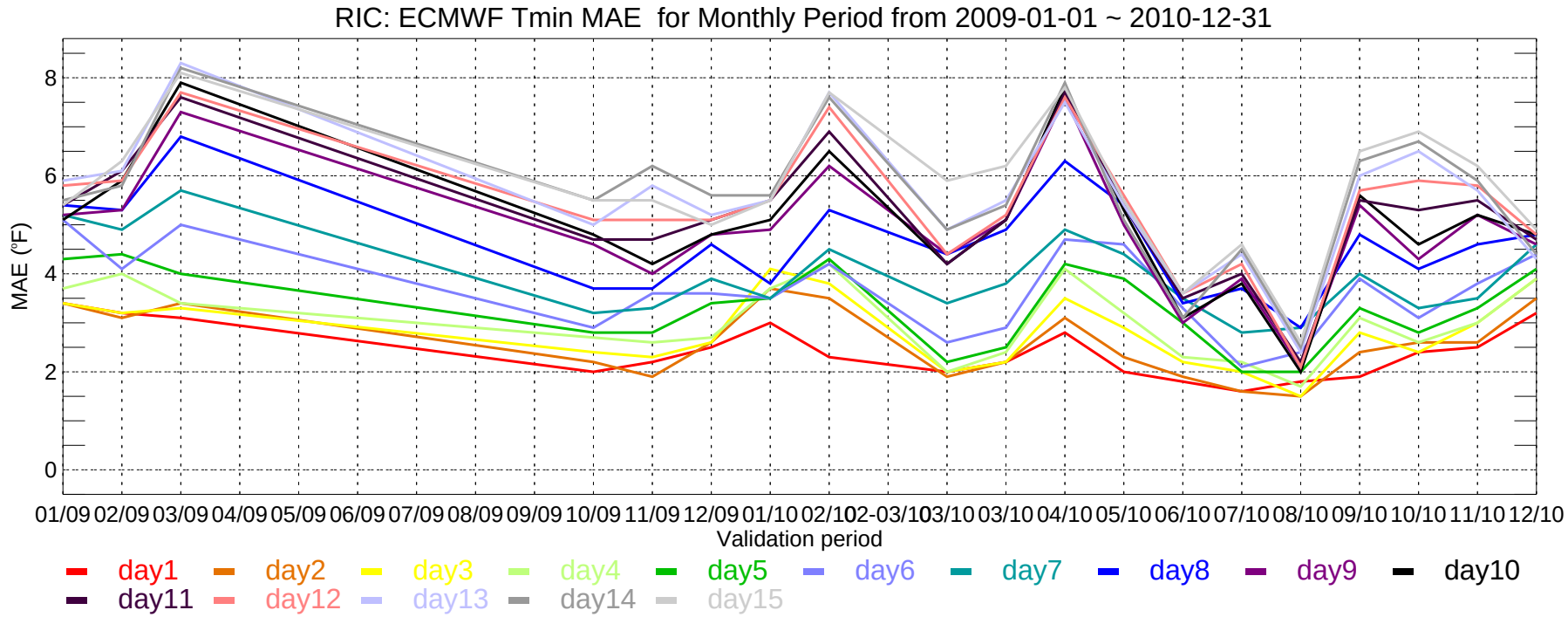

RDU: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

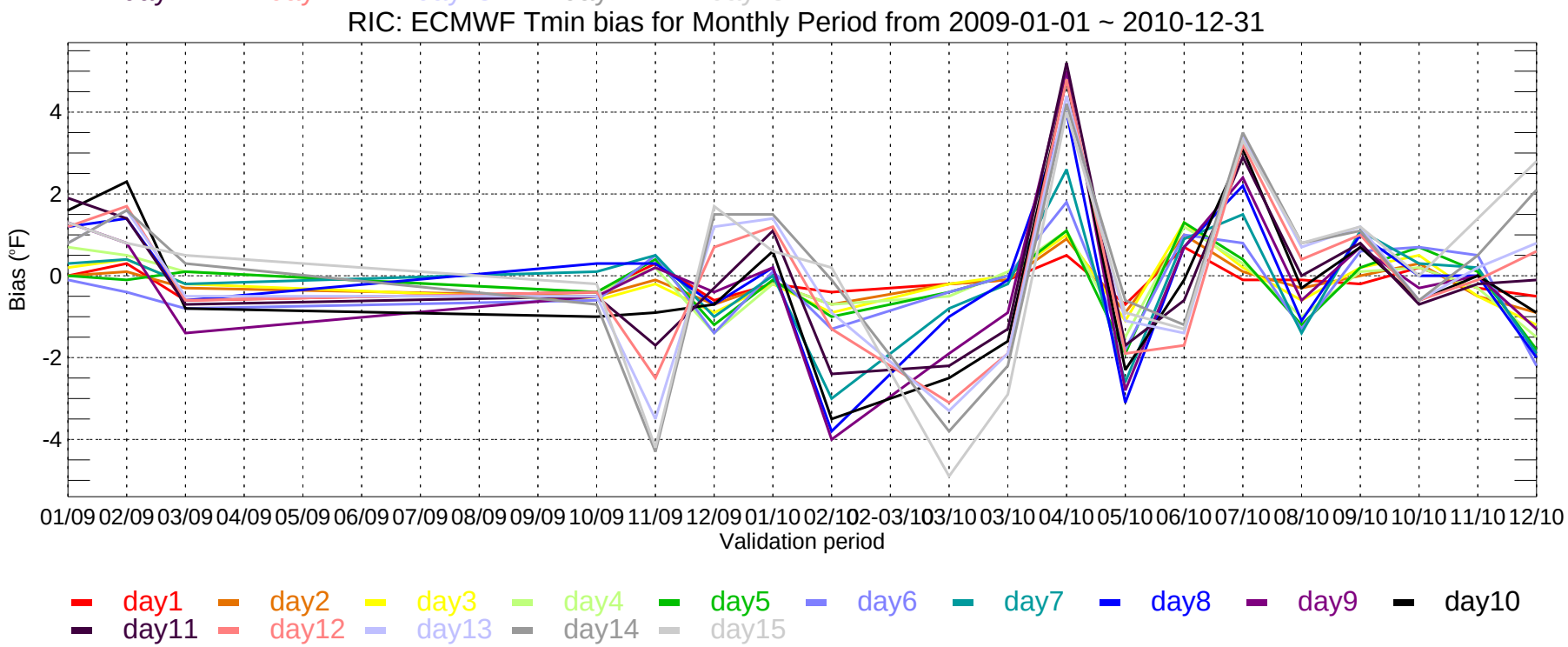

RDU: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

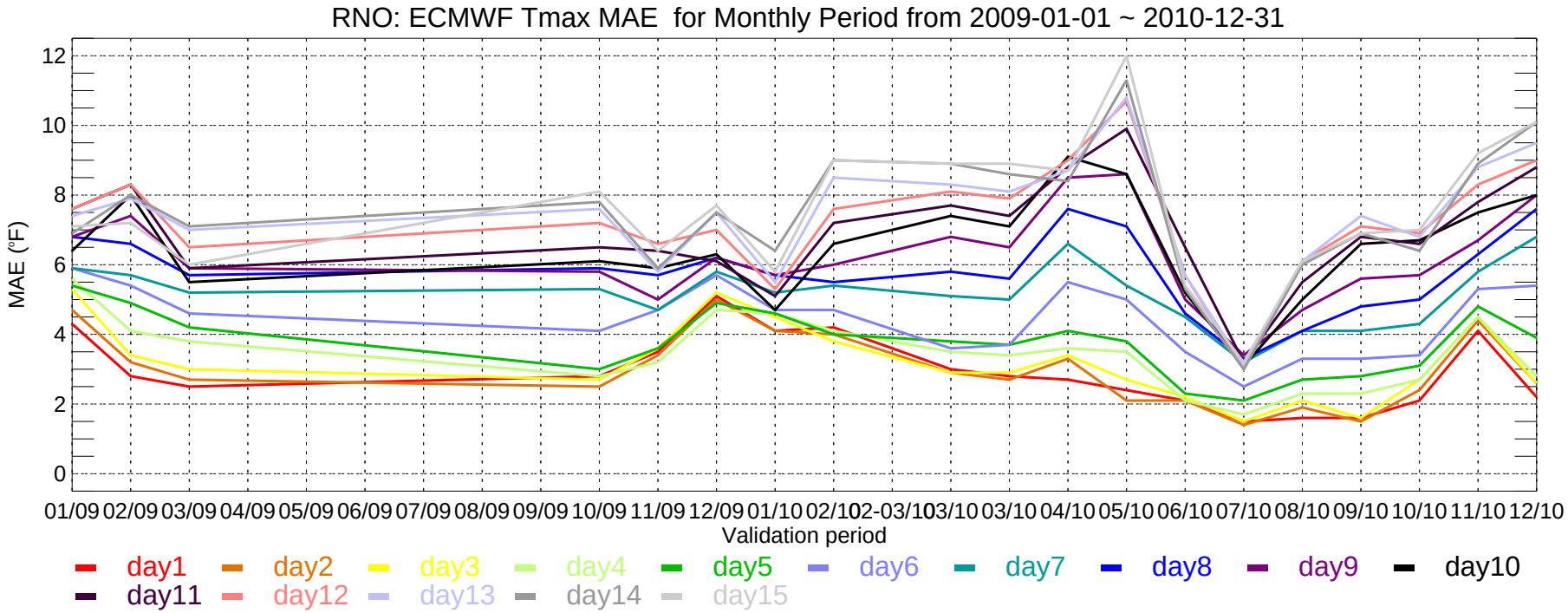

RDU: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

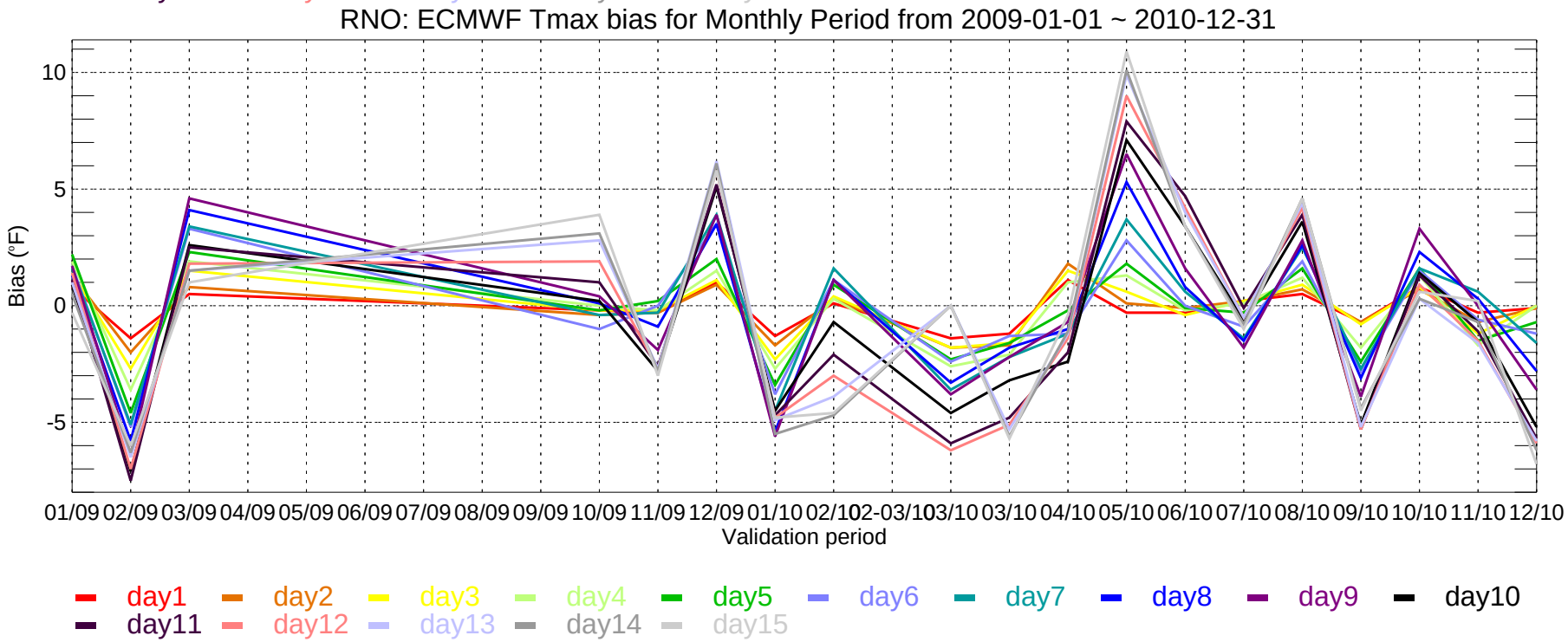

RIC: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

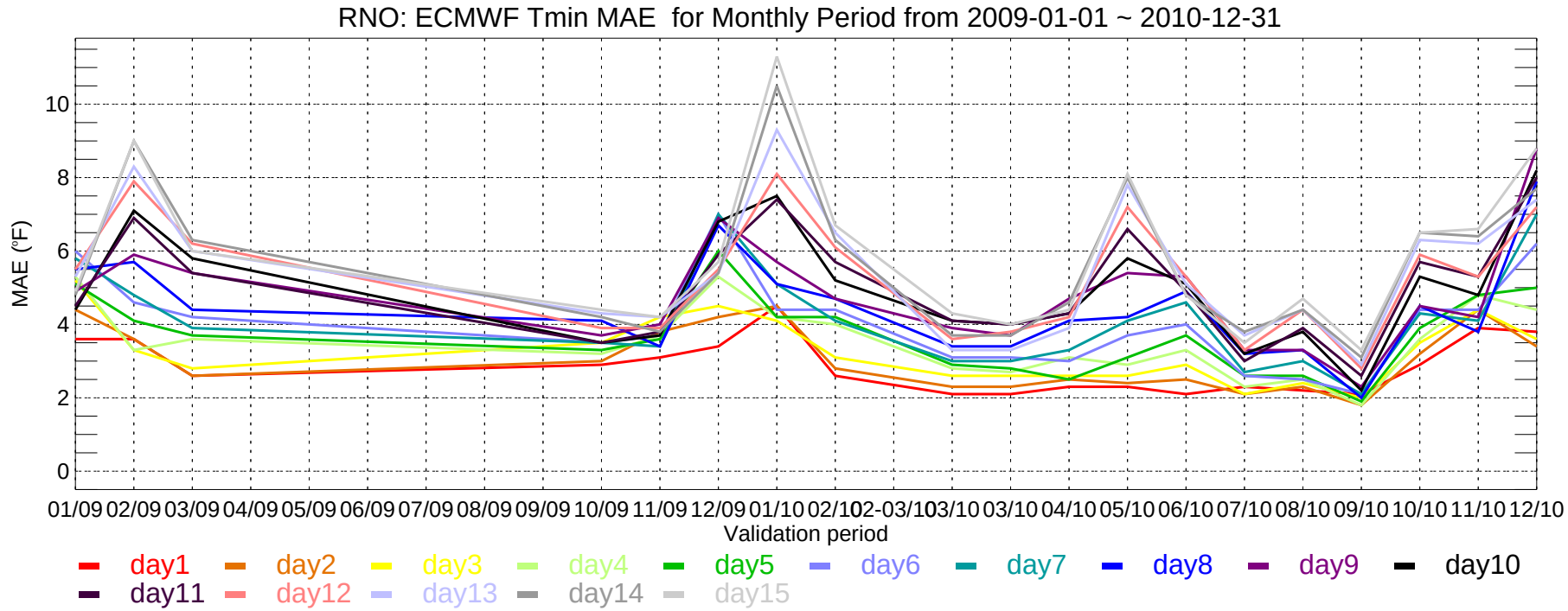

RIC: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

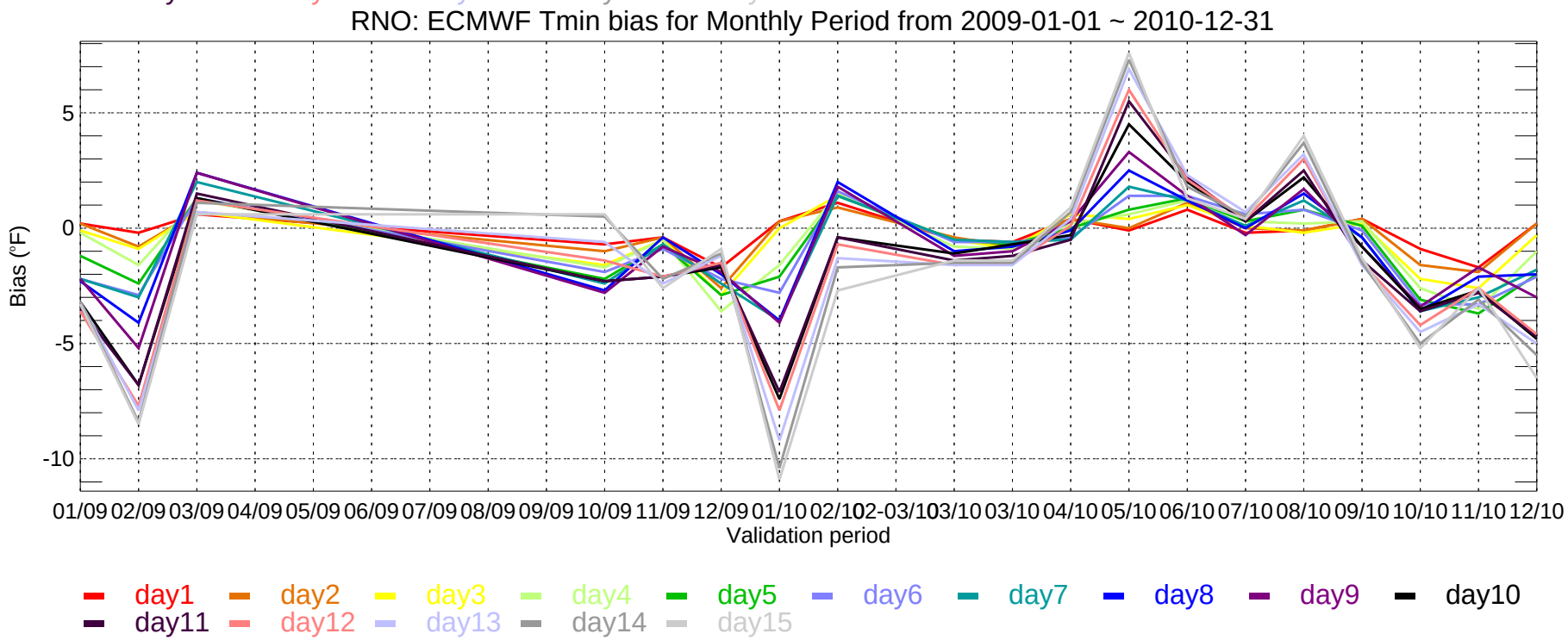

RIC: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

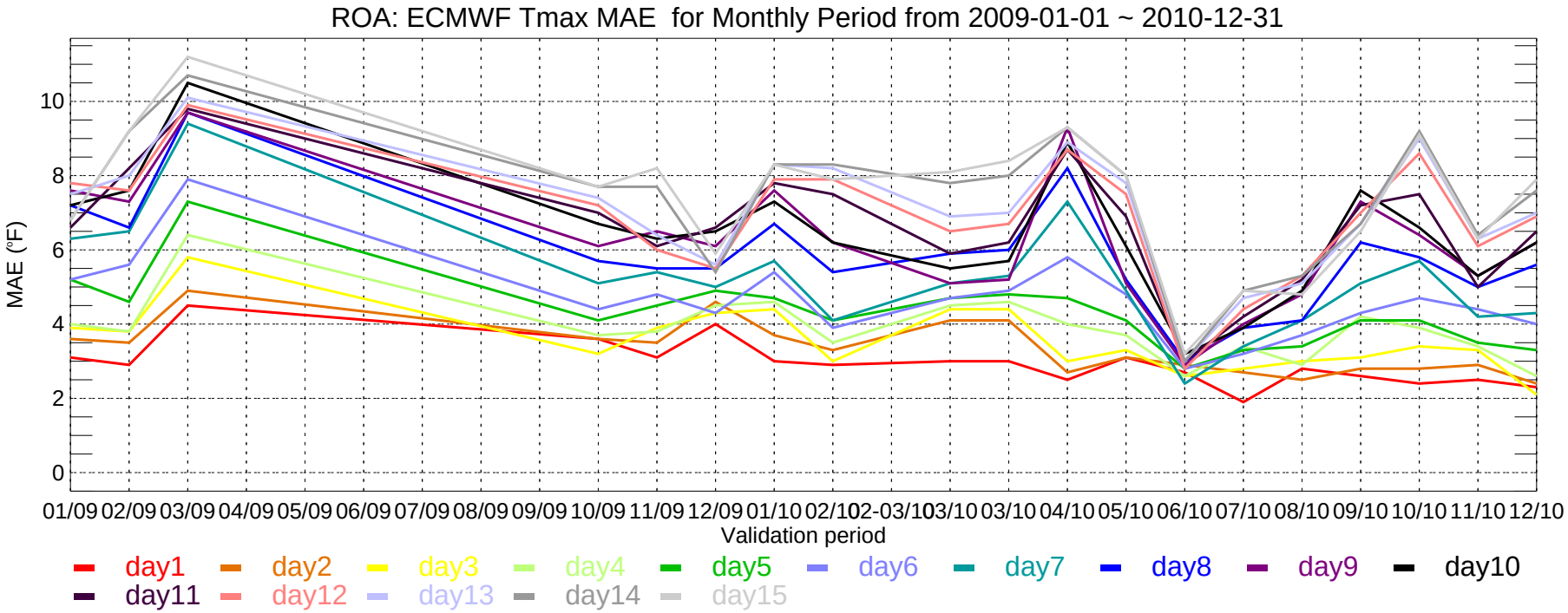

RIC: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

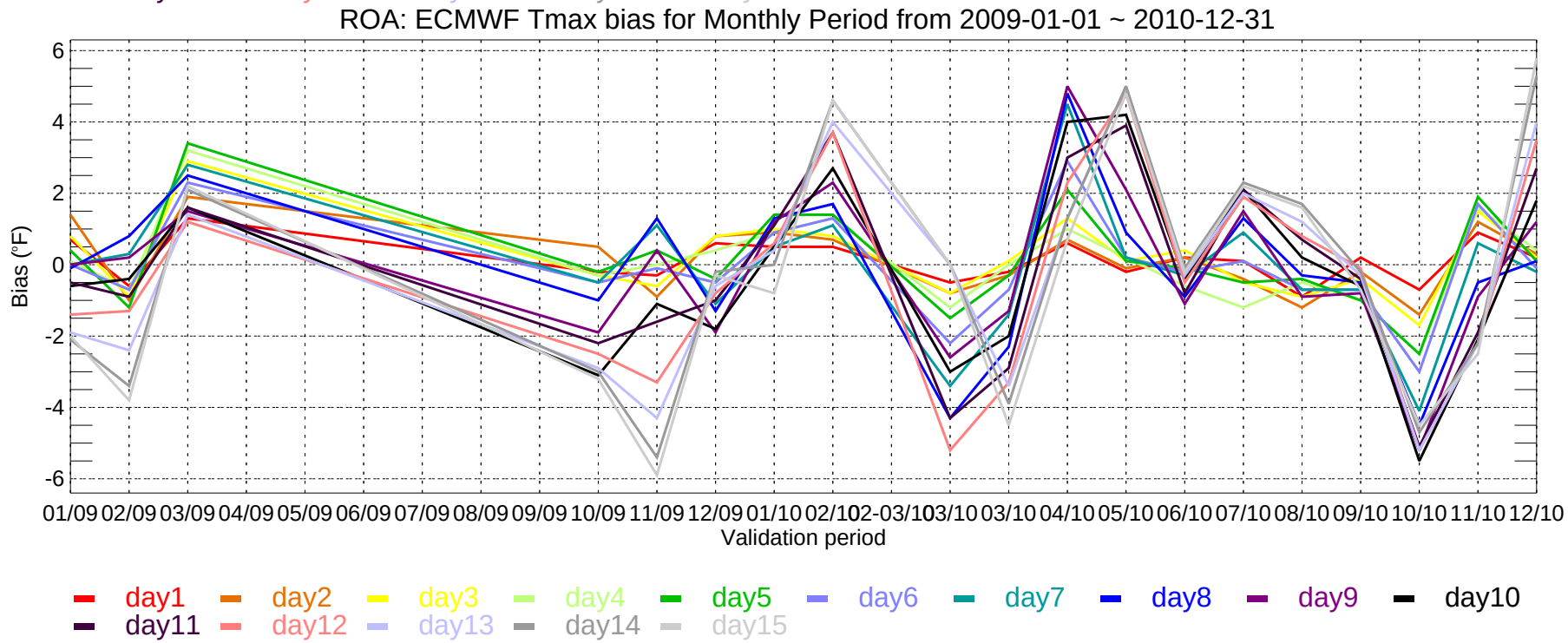

RNO: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

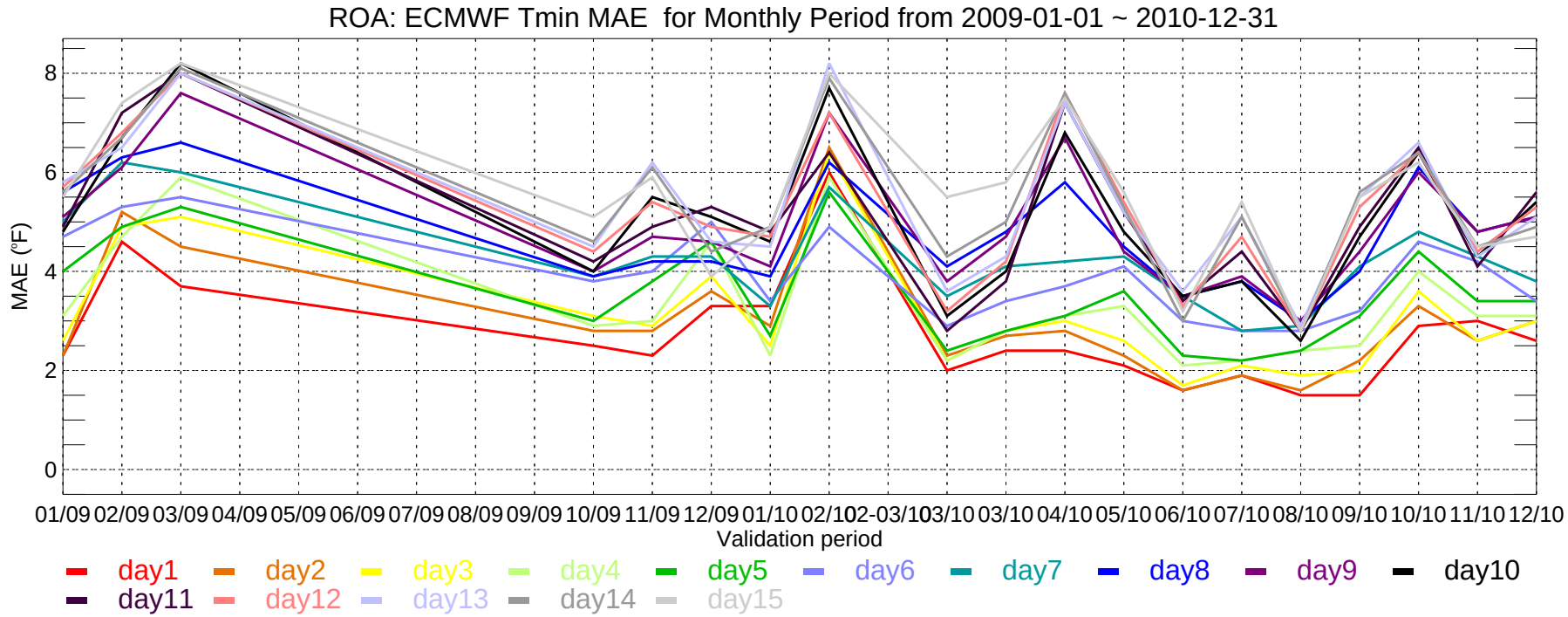

RNO: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-5
0
5
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

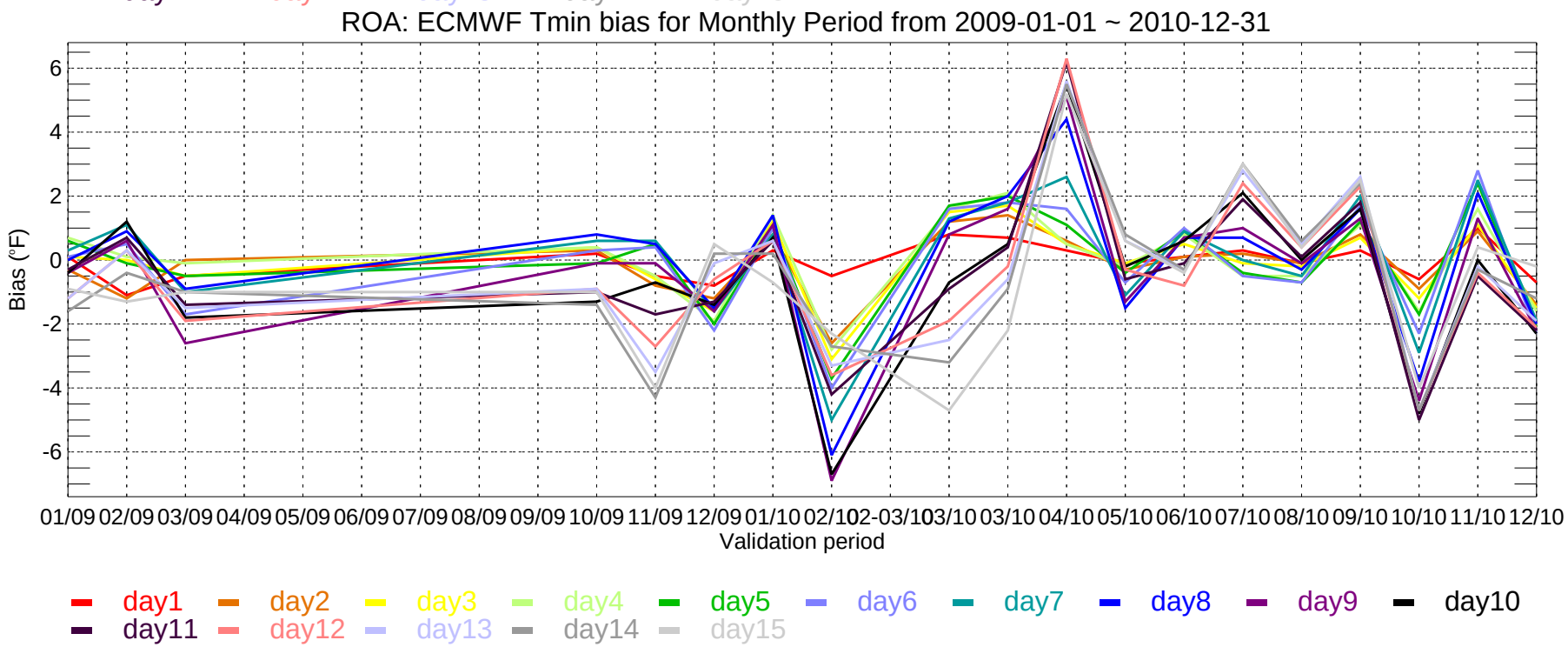

RNO: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

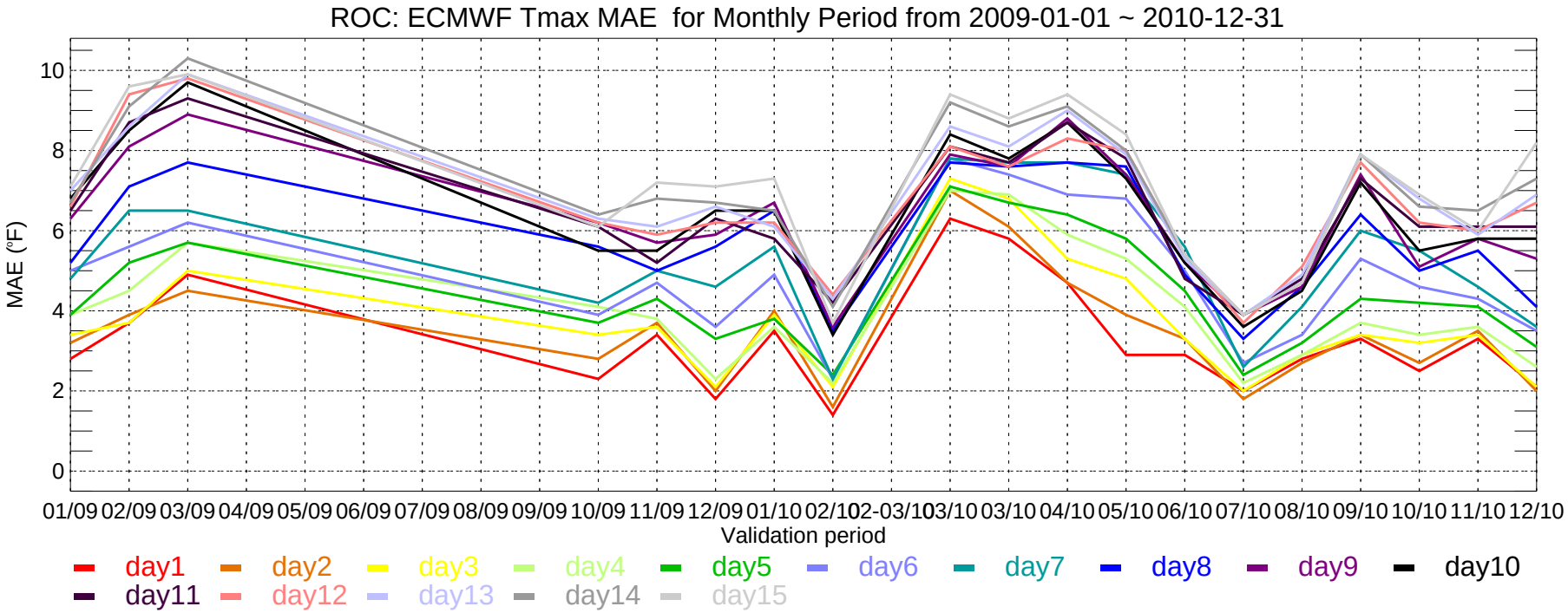

RNO: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-10
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

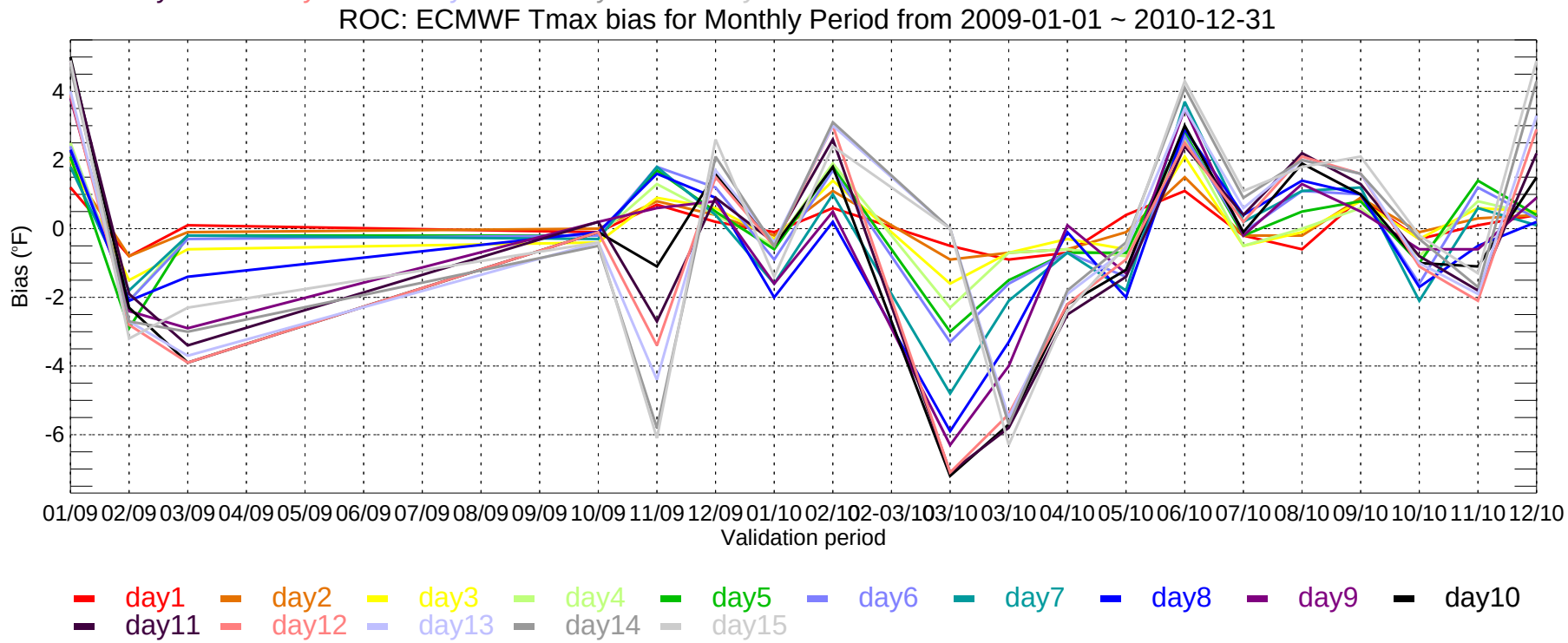

ROA: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

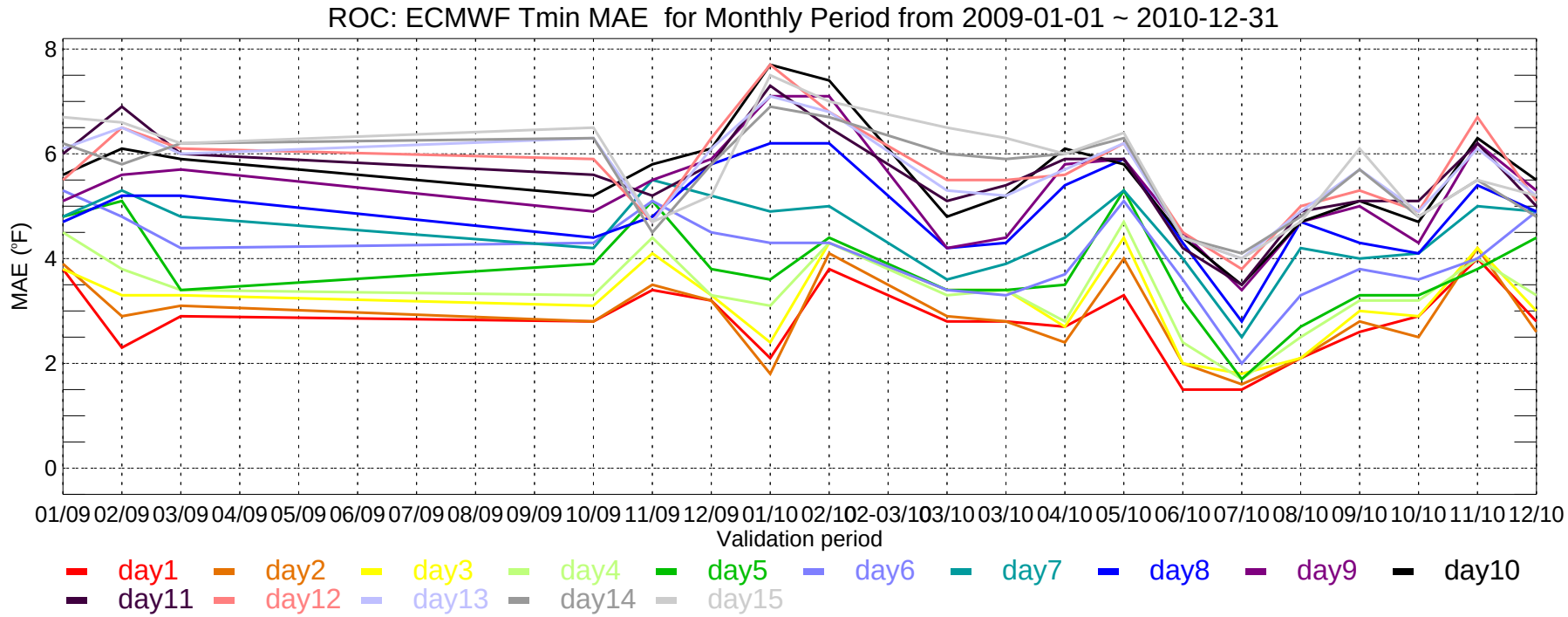

ROA: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

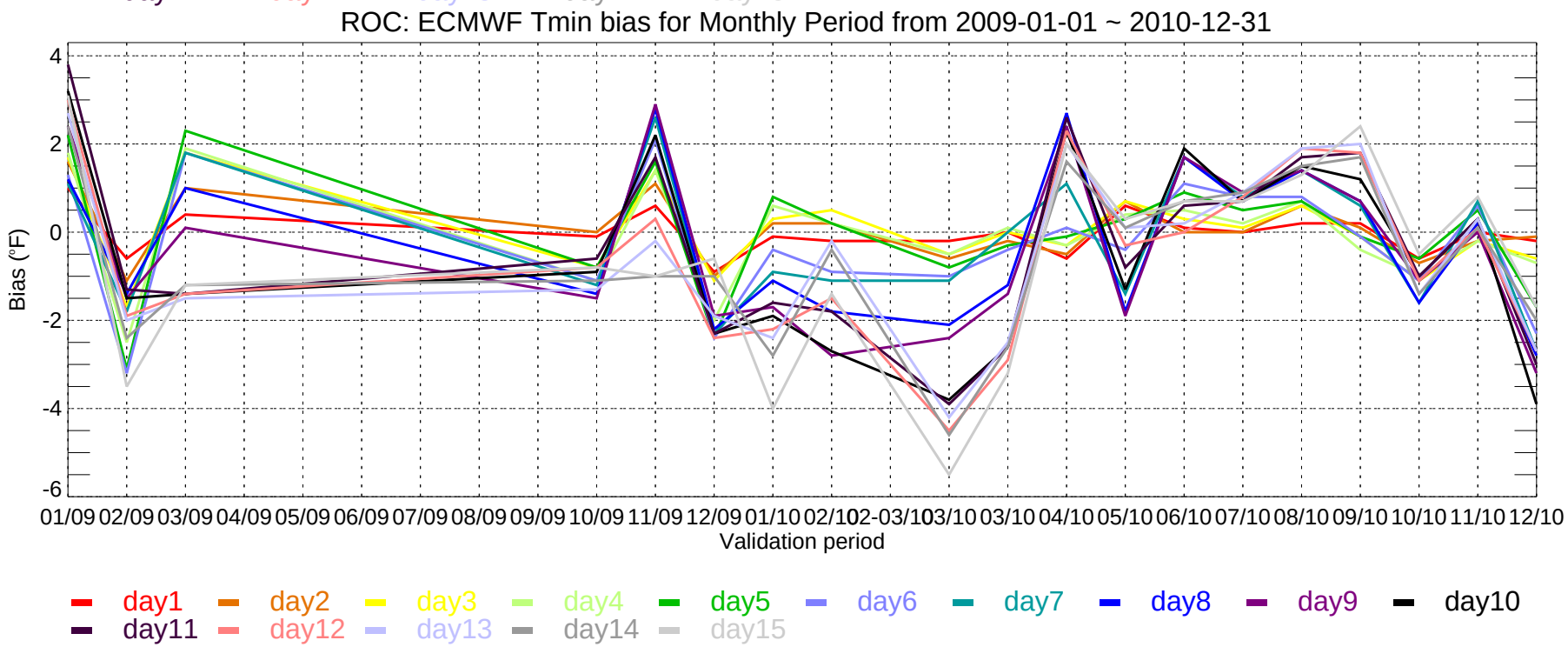

ROA: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

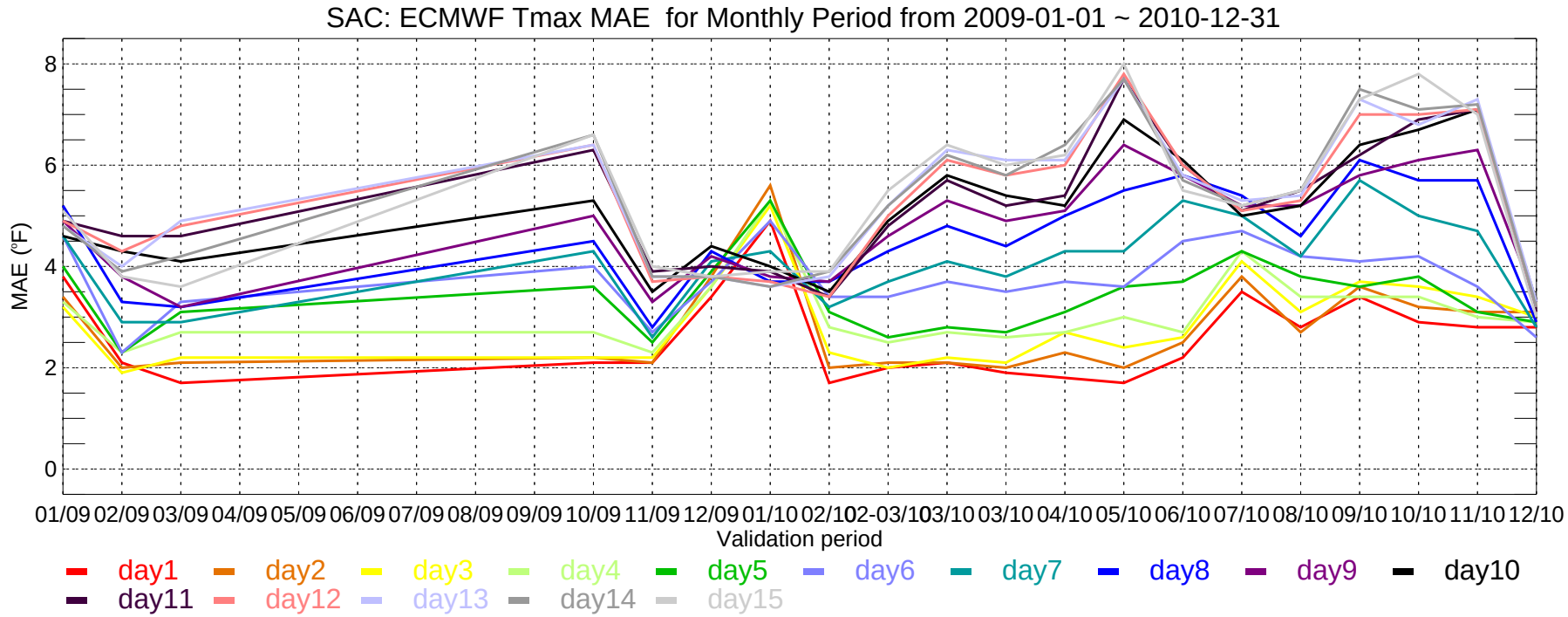

ROA: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

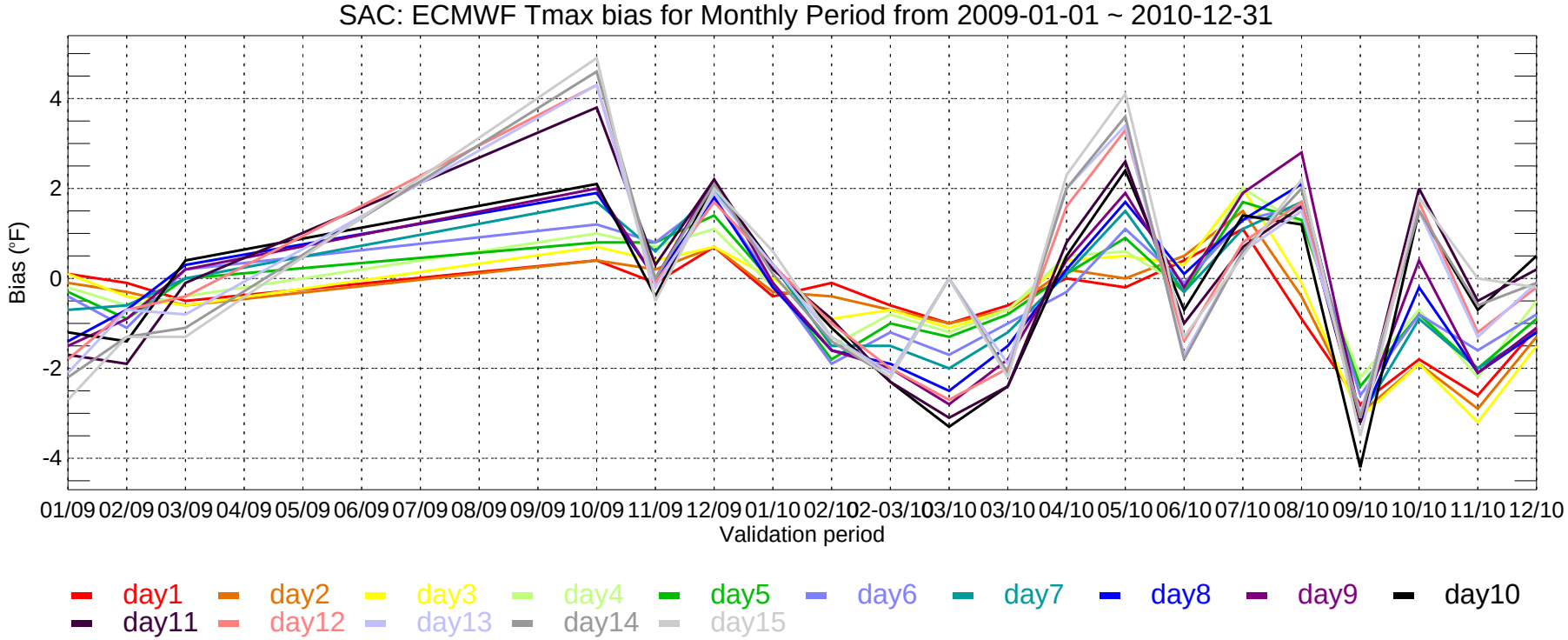

ROC: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

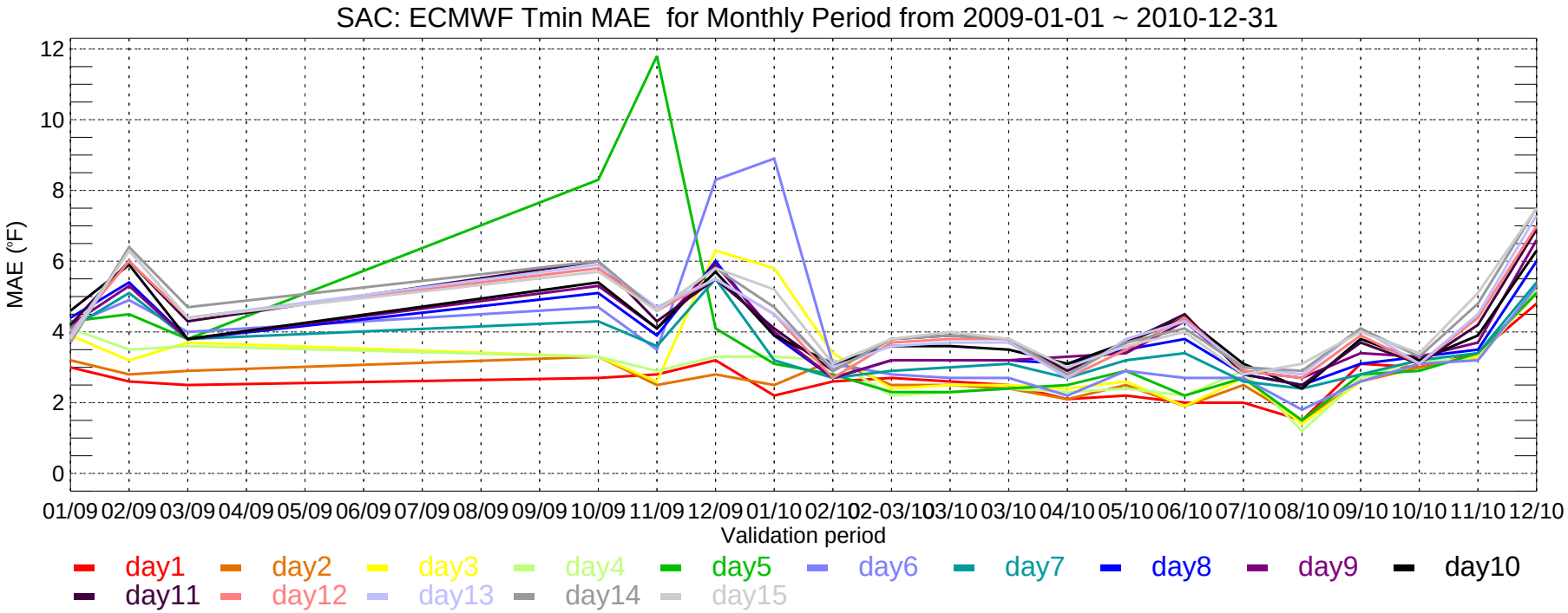

ROC: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

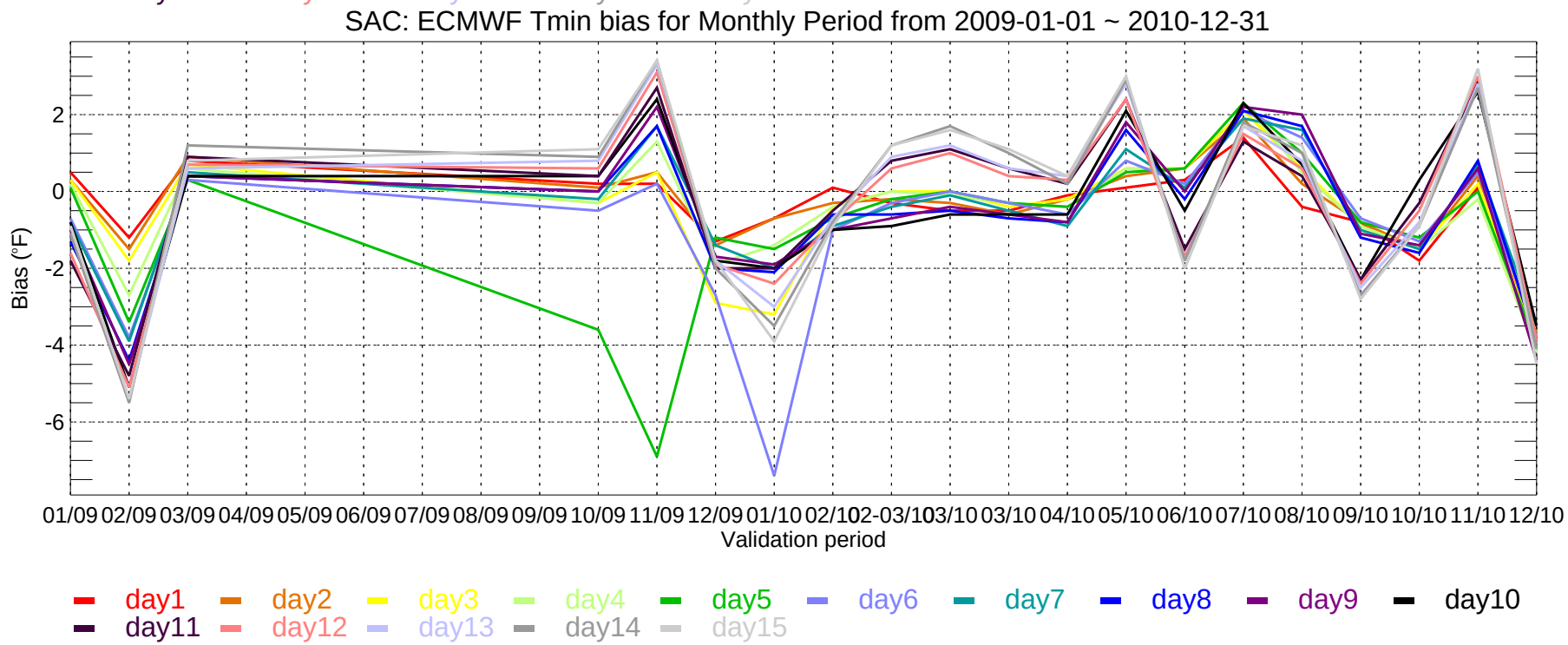

ROC: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

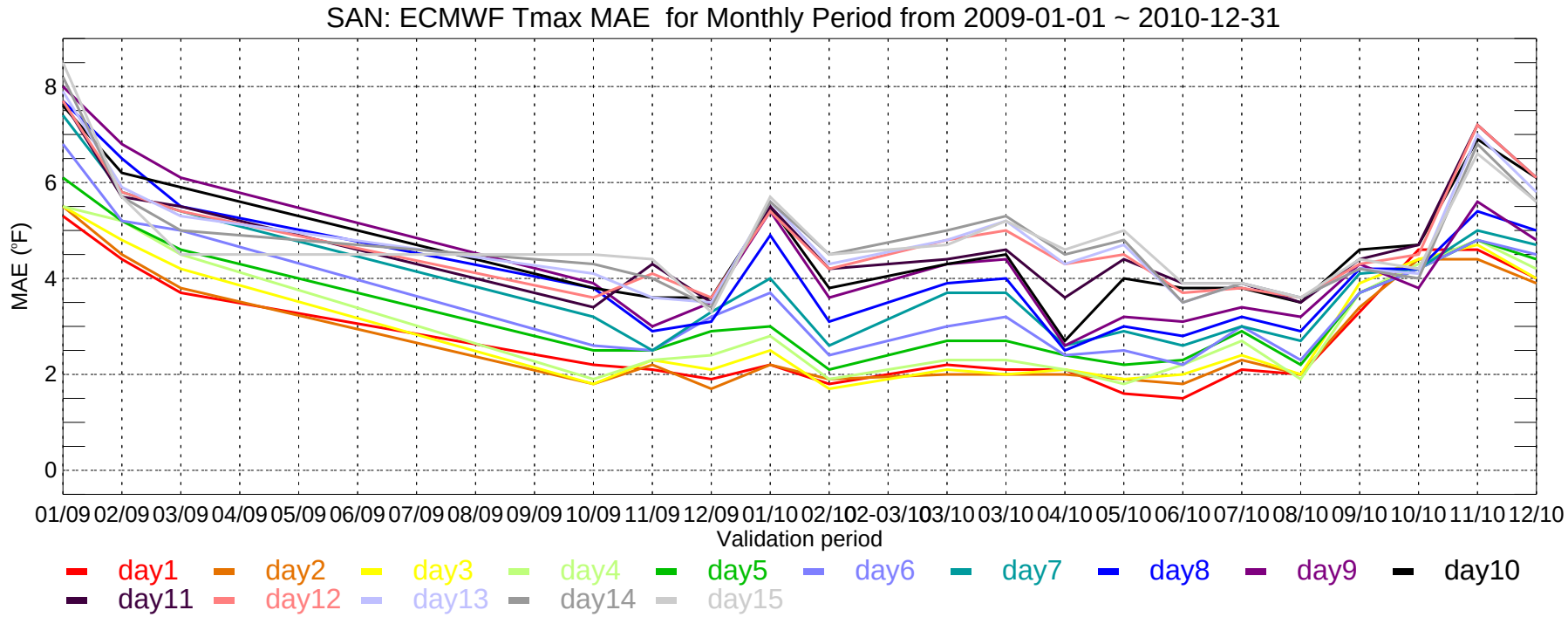

ROC: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

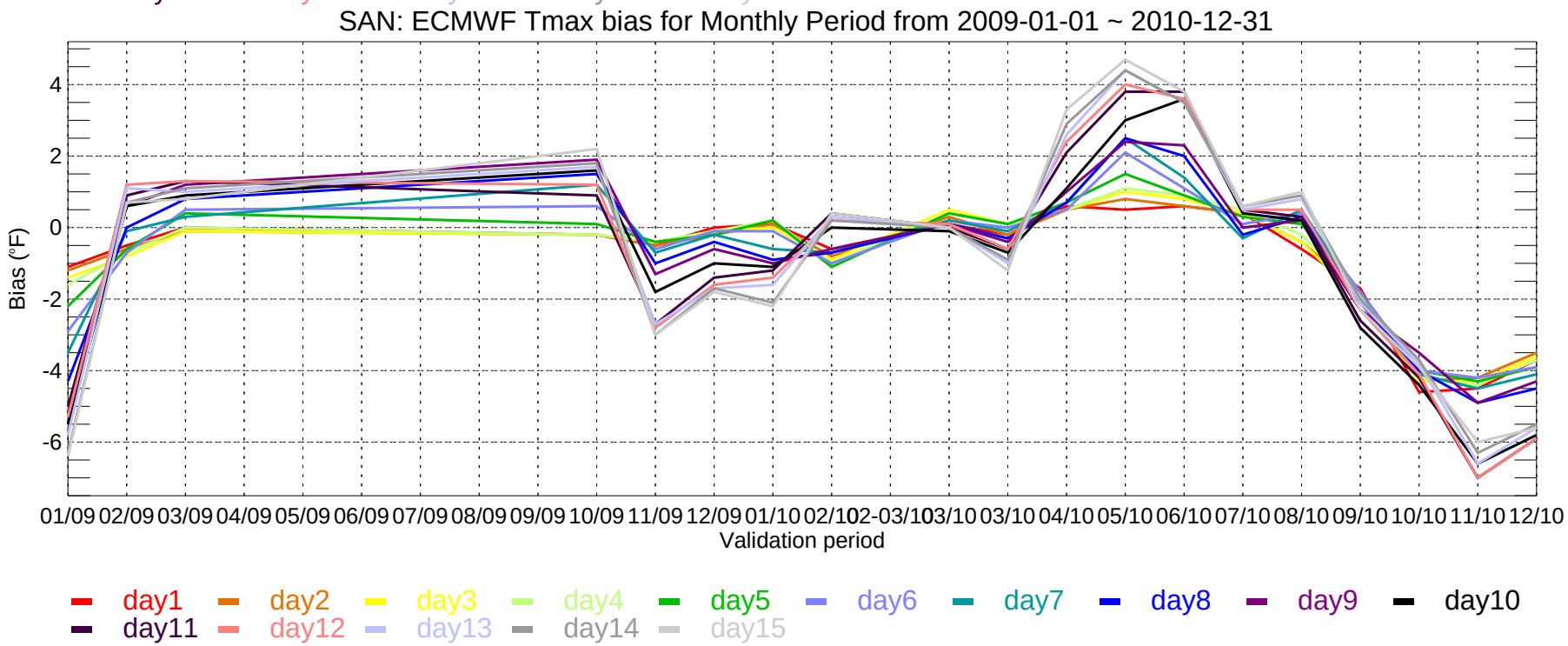

SAC: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

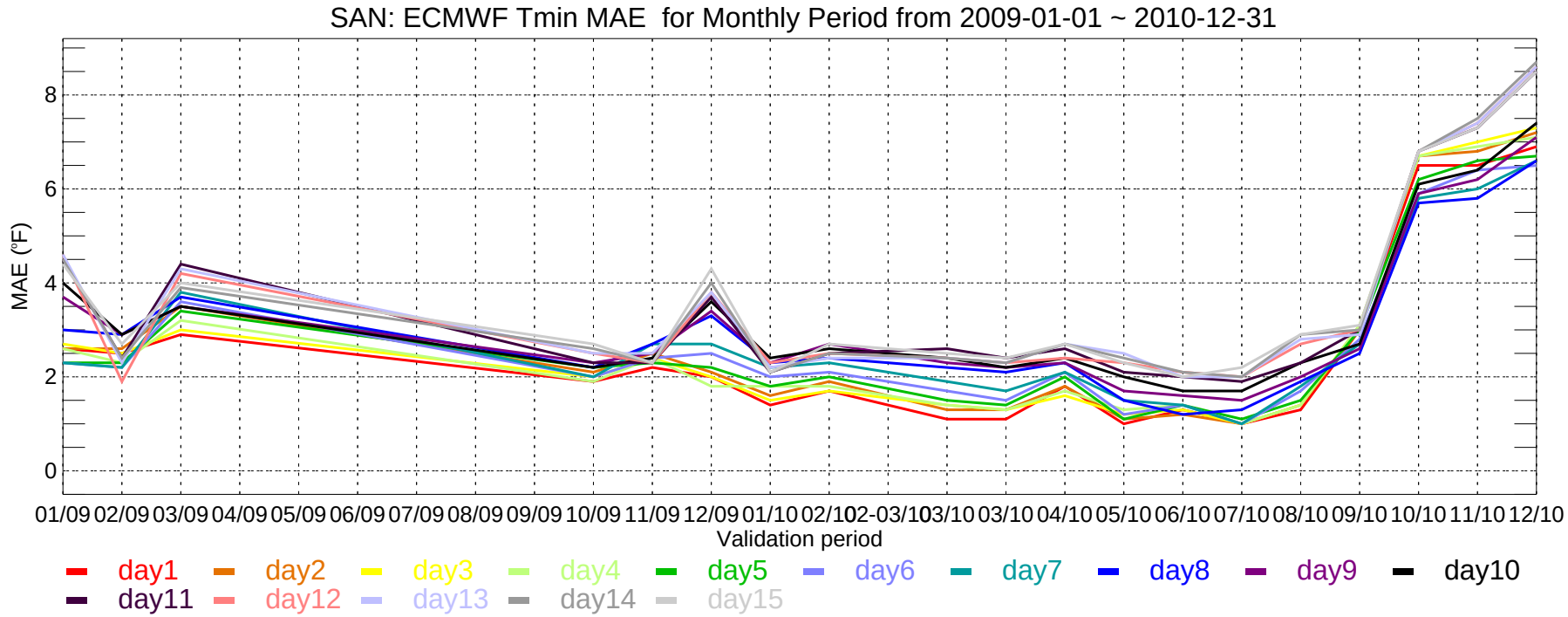

SAC: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

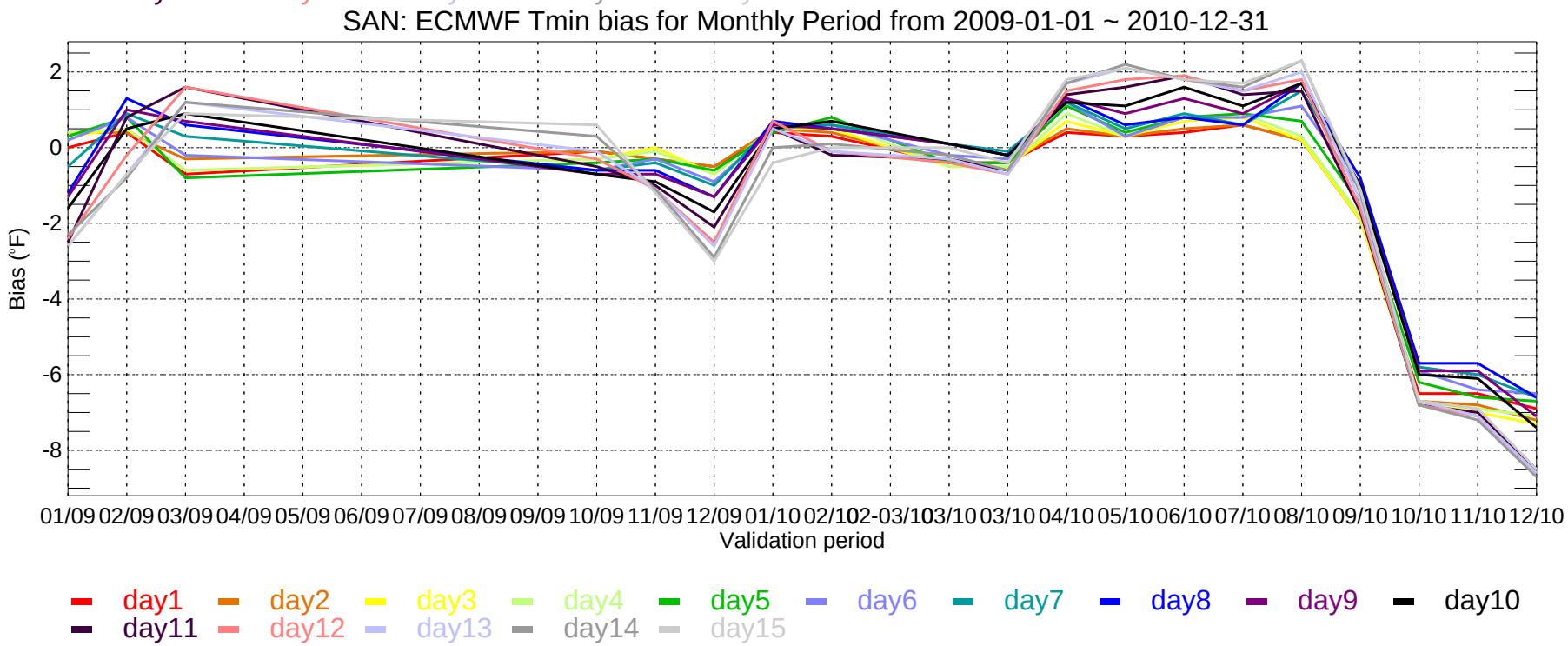

SAC: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

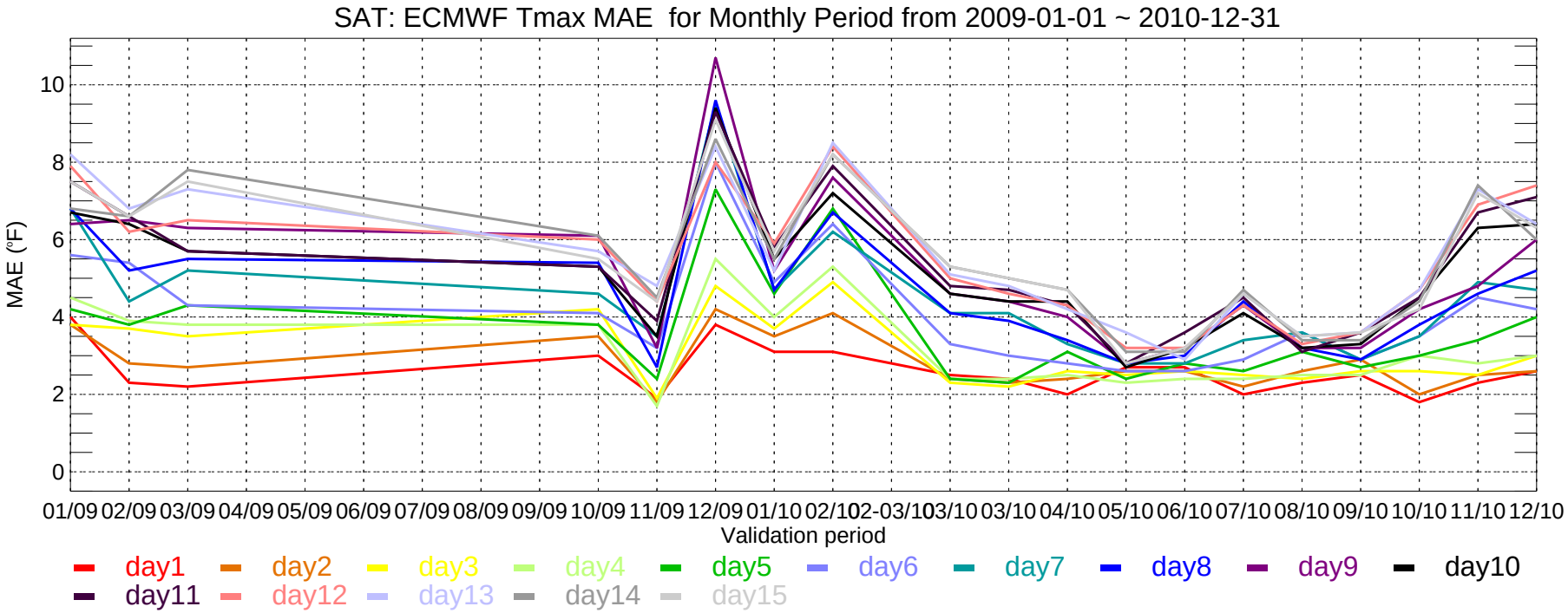

SAC: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

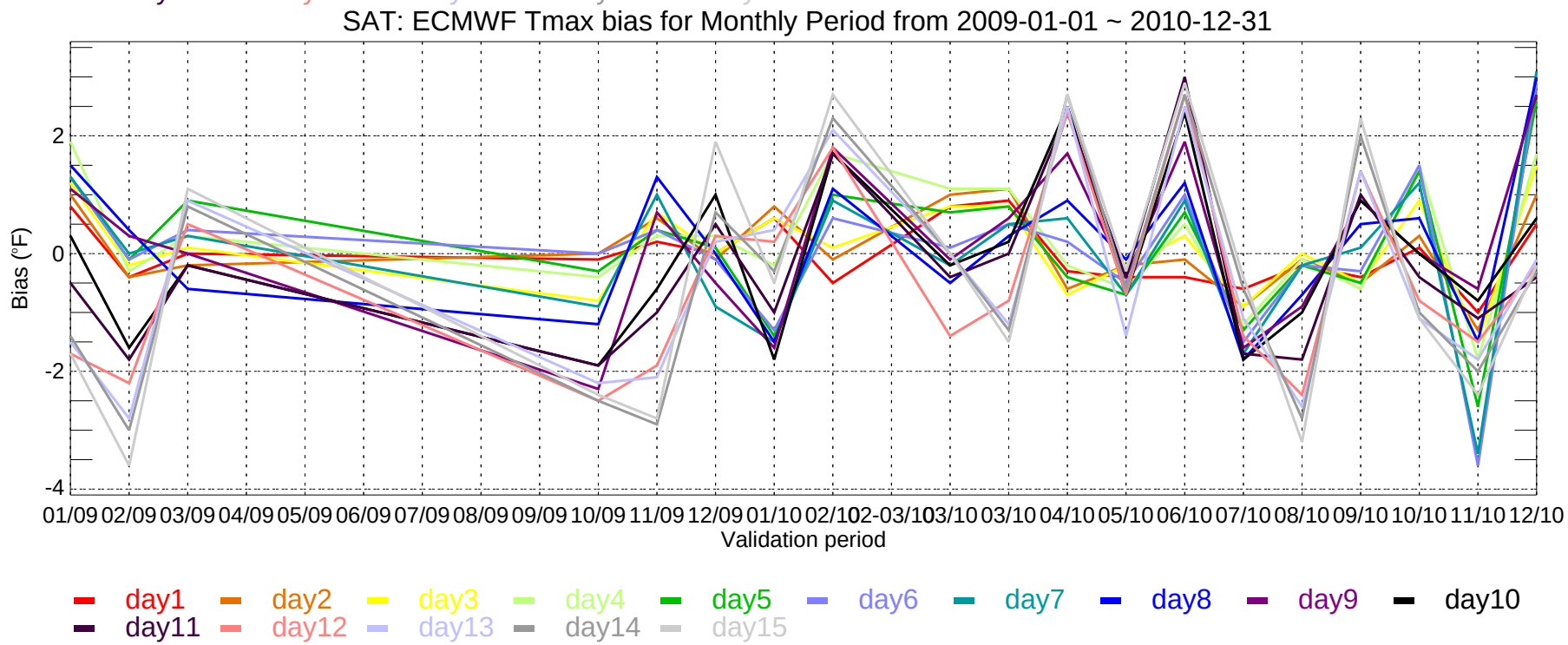

SAN: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

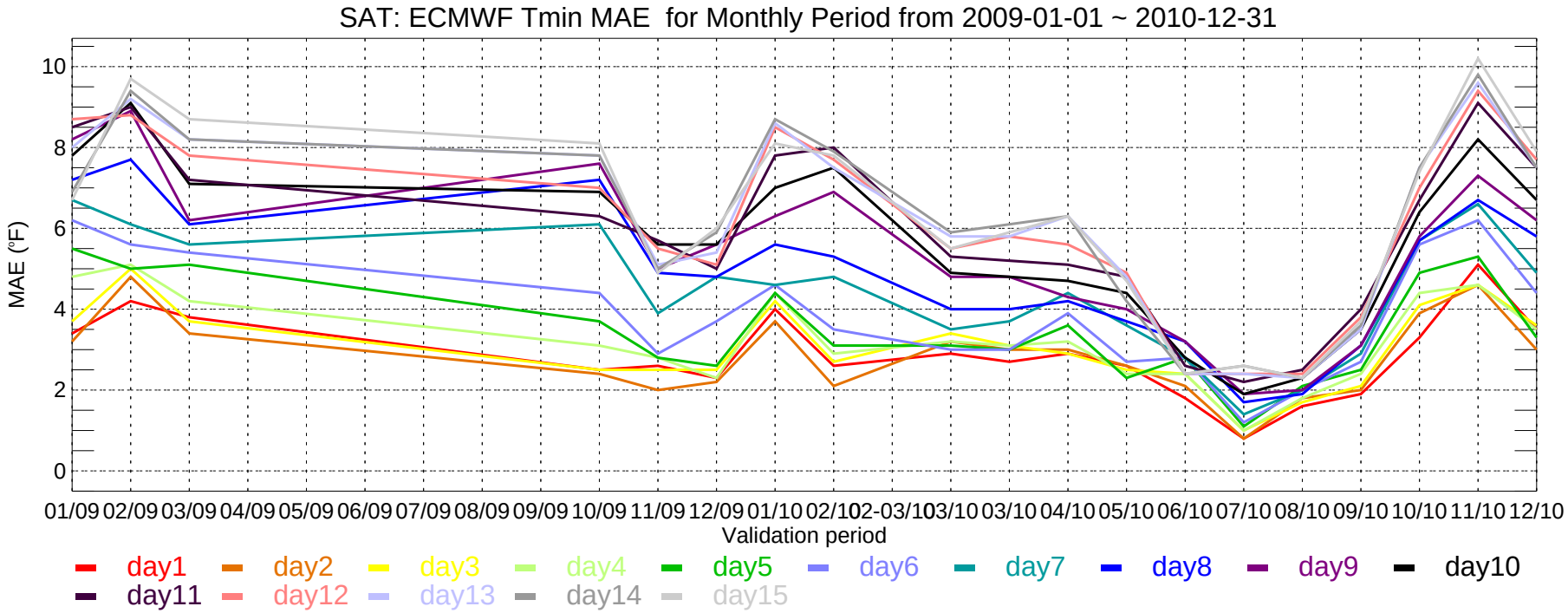

SAN: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

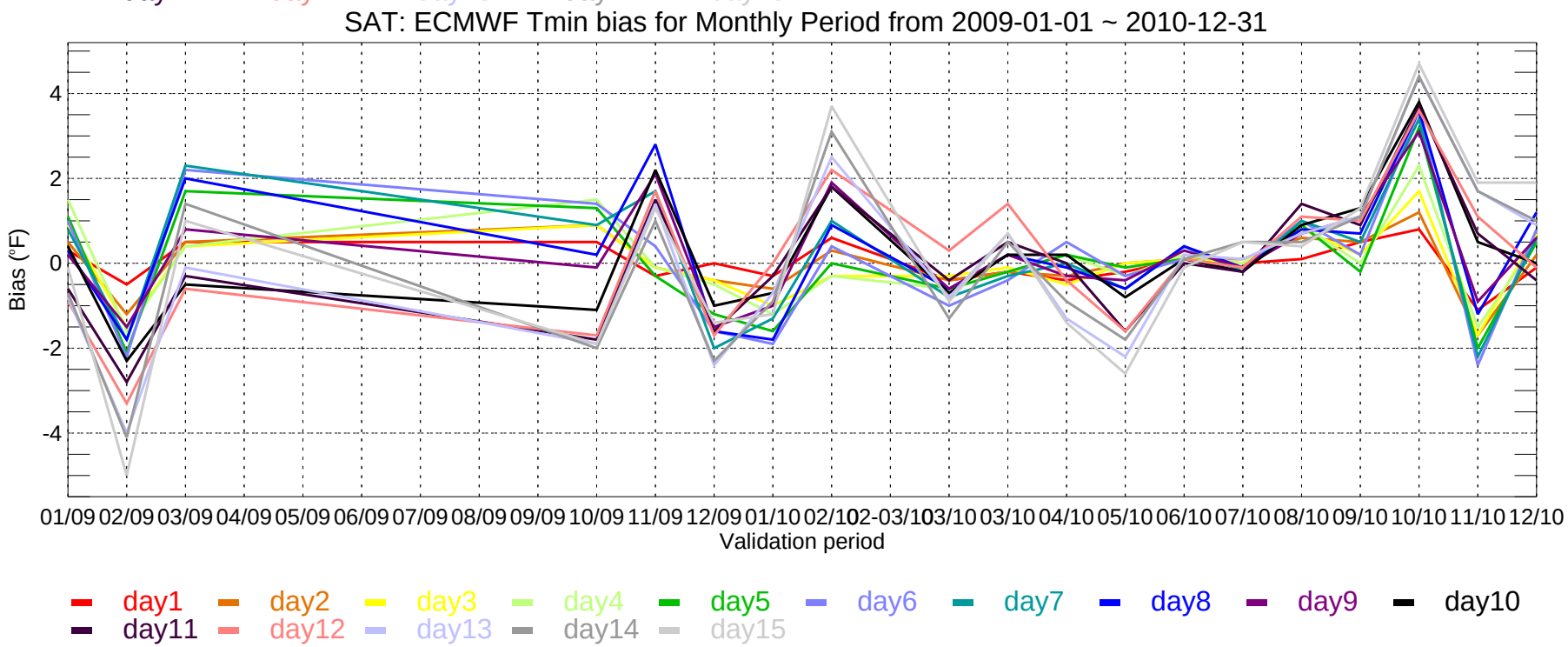

SAN: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

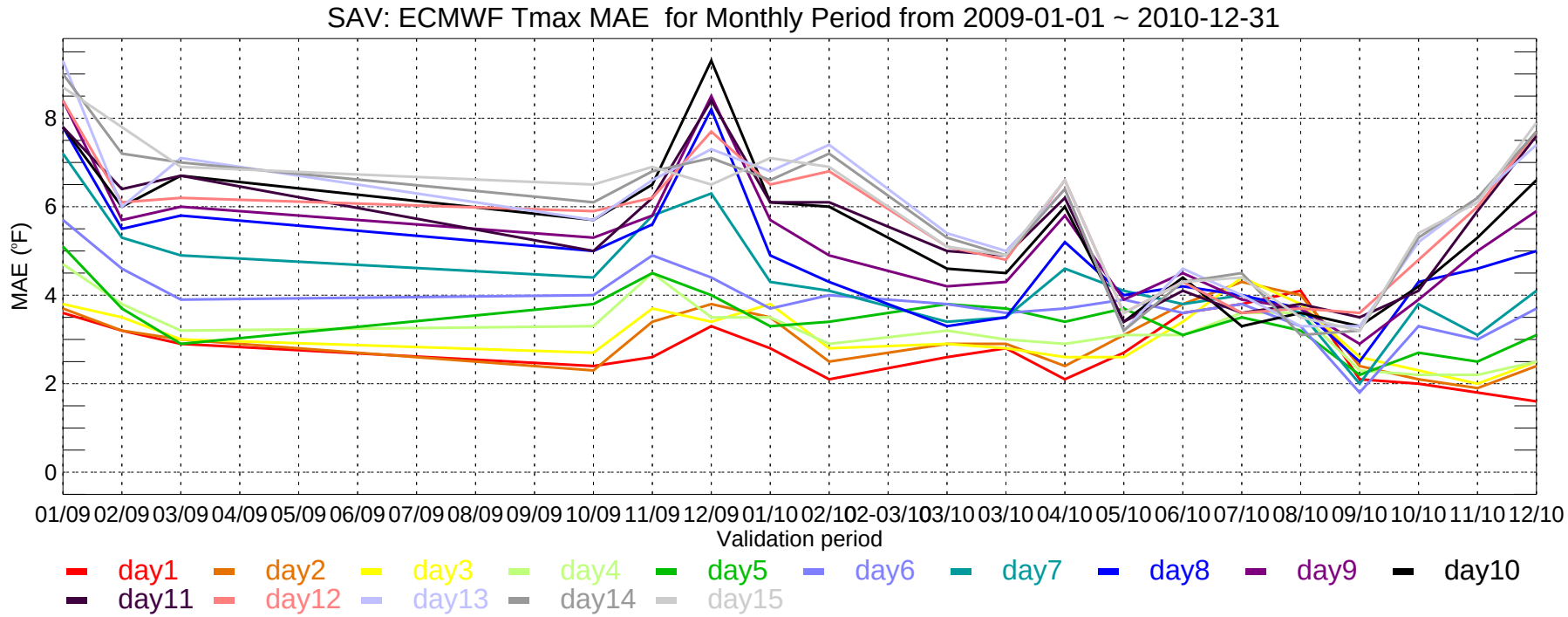

SAN: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

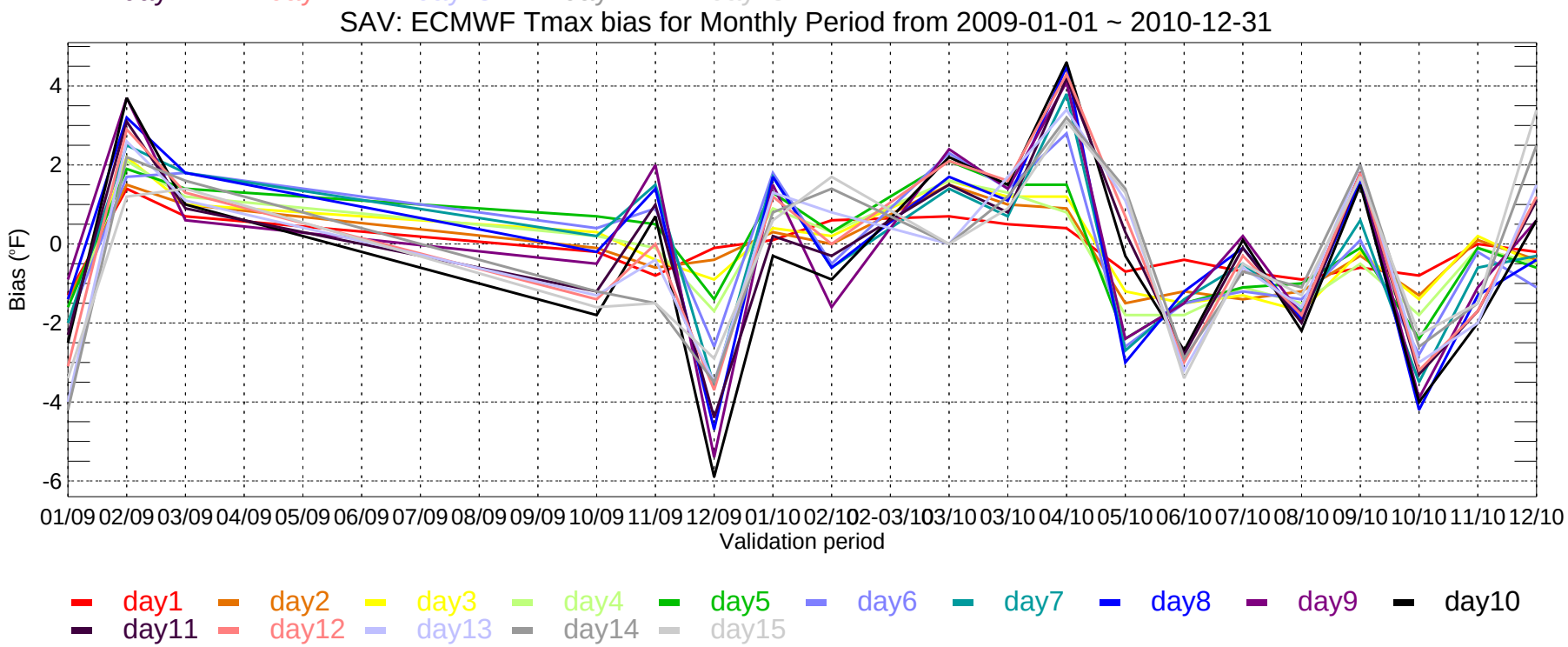

SAT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

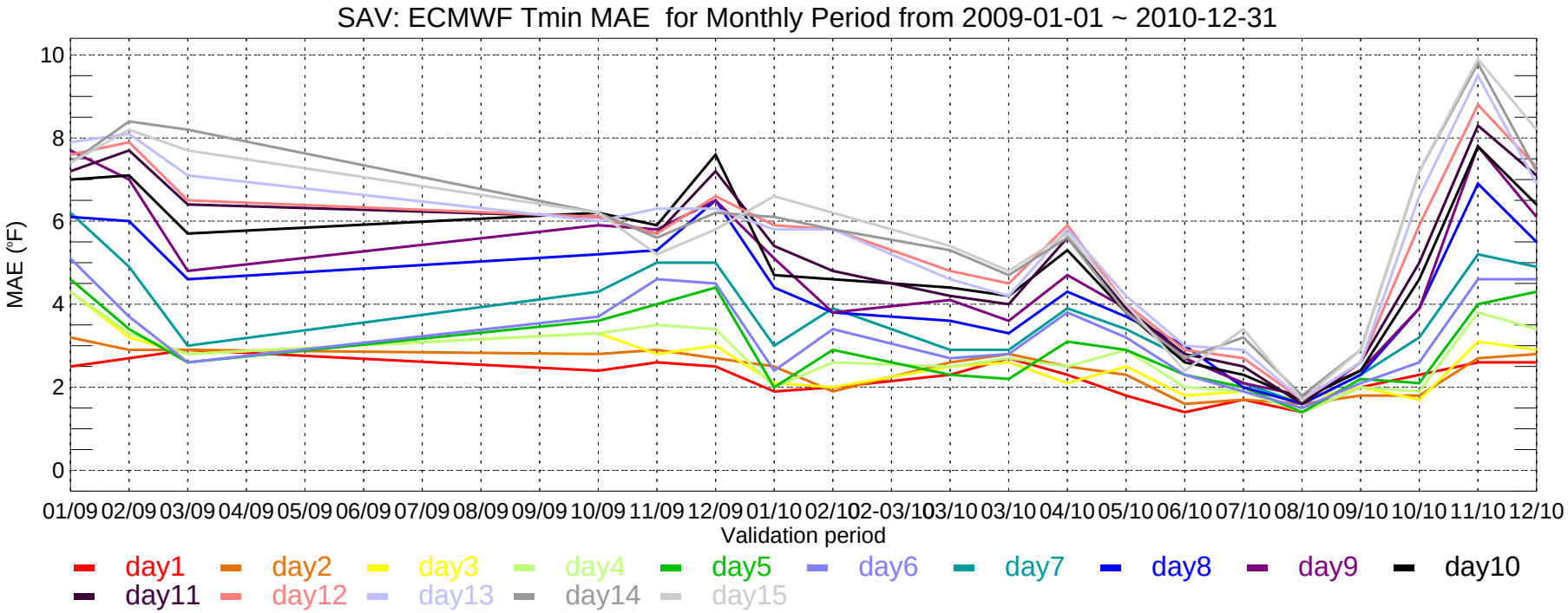

SAT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

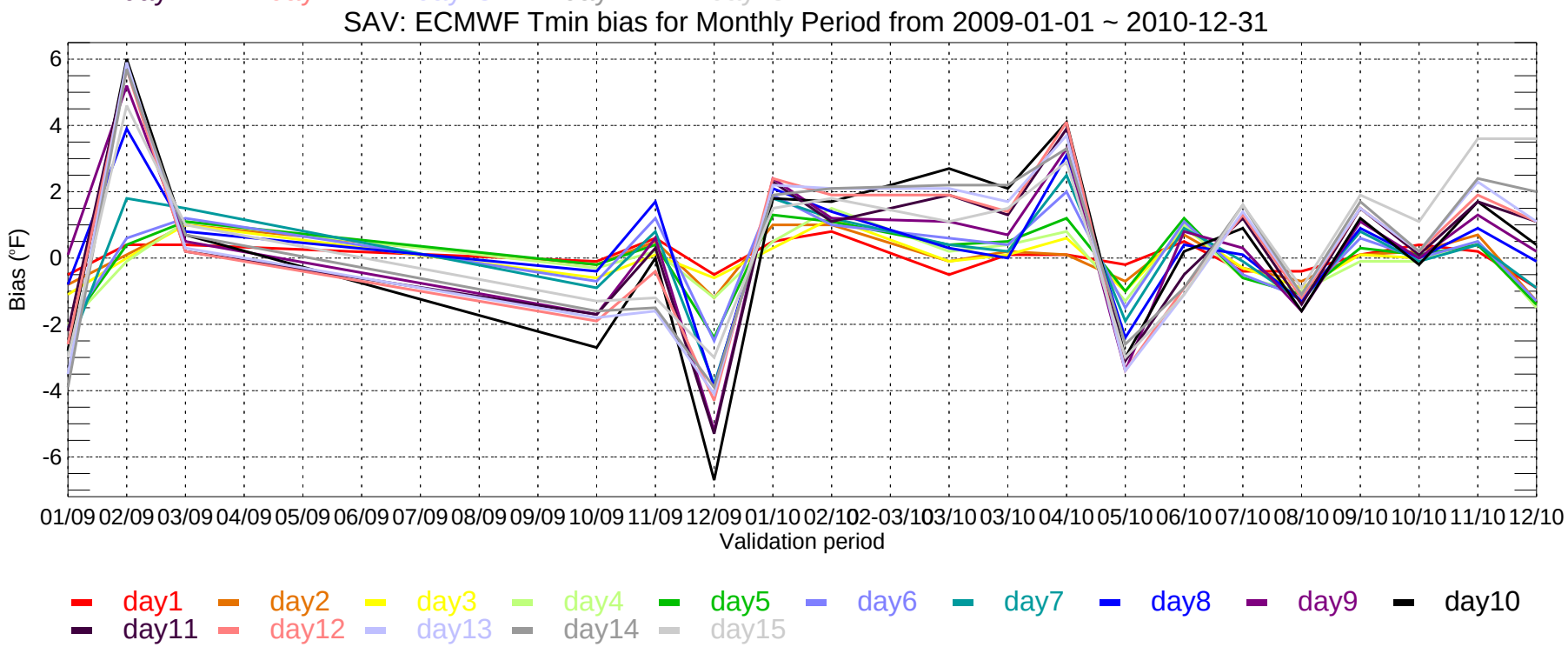

SAT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

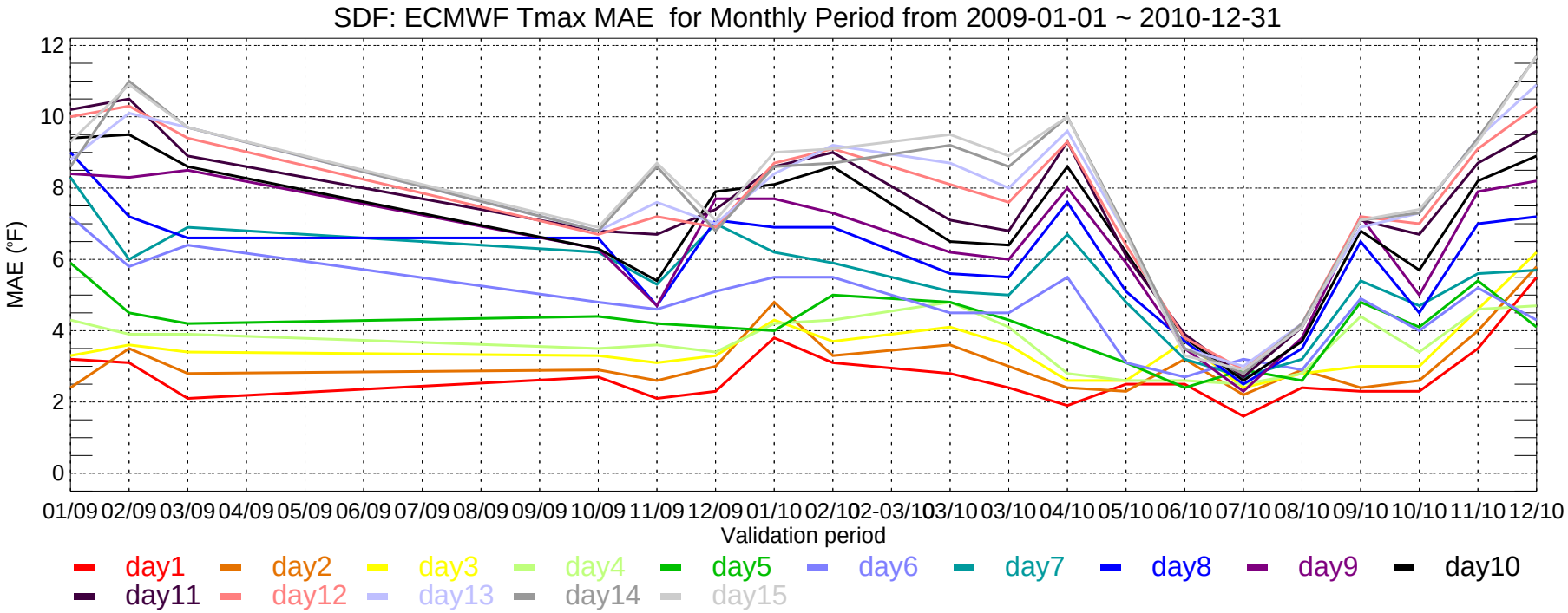

SAT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

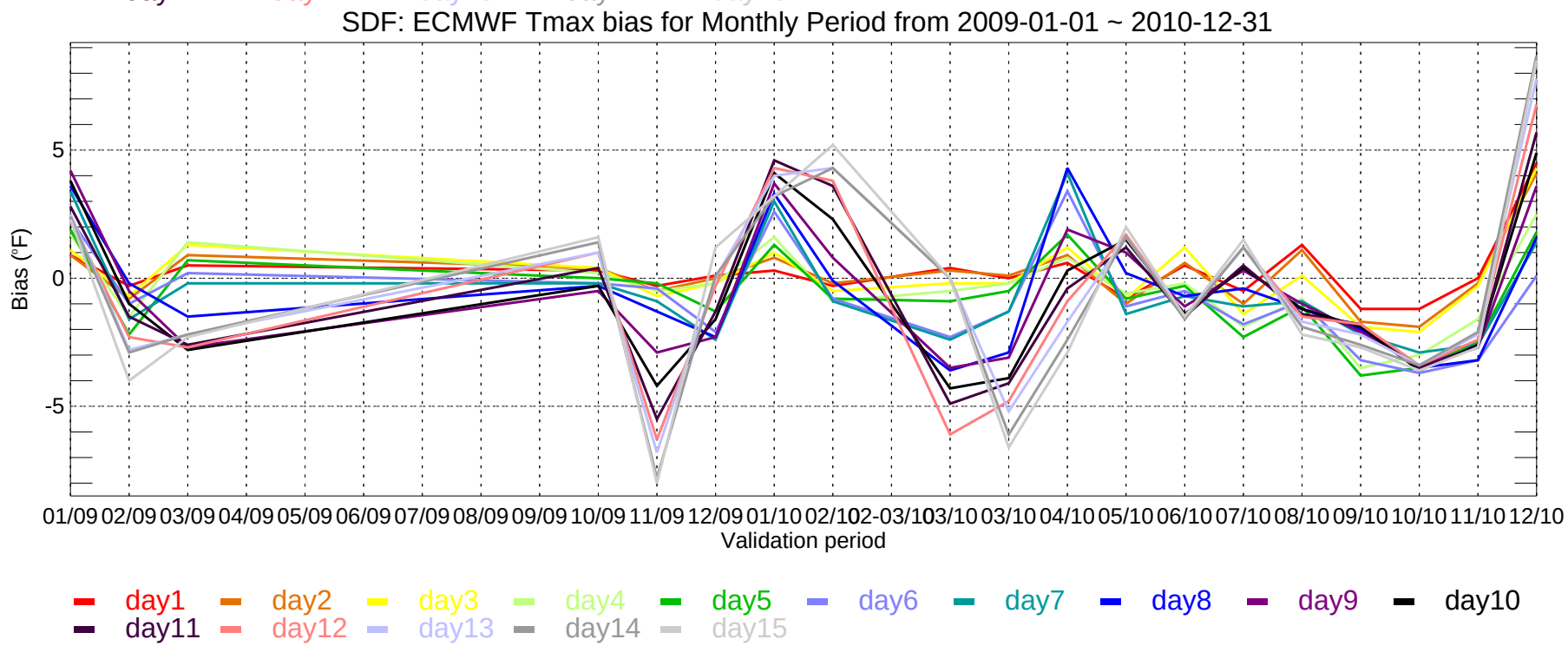

SAV: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

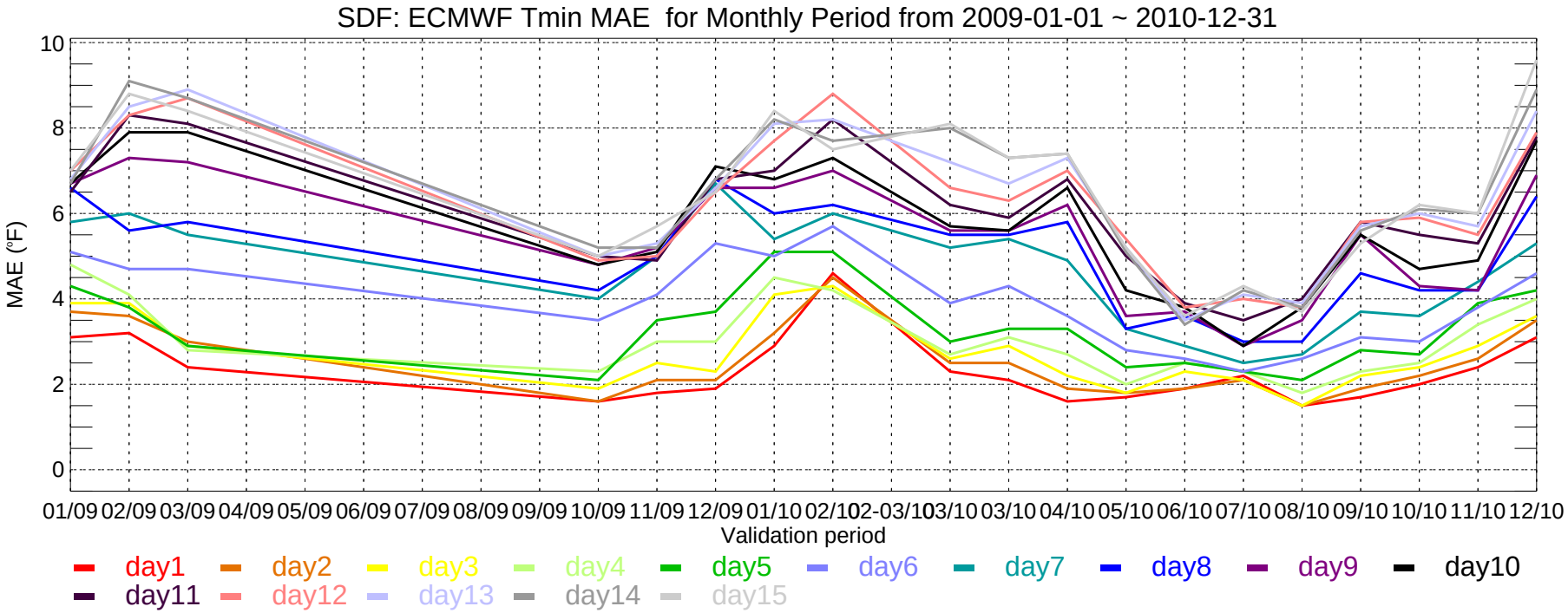

SAV: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

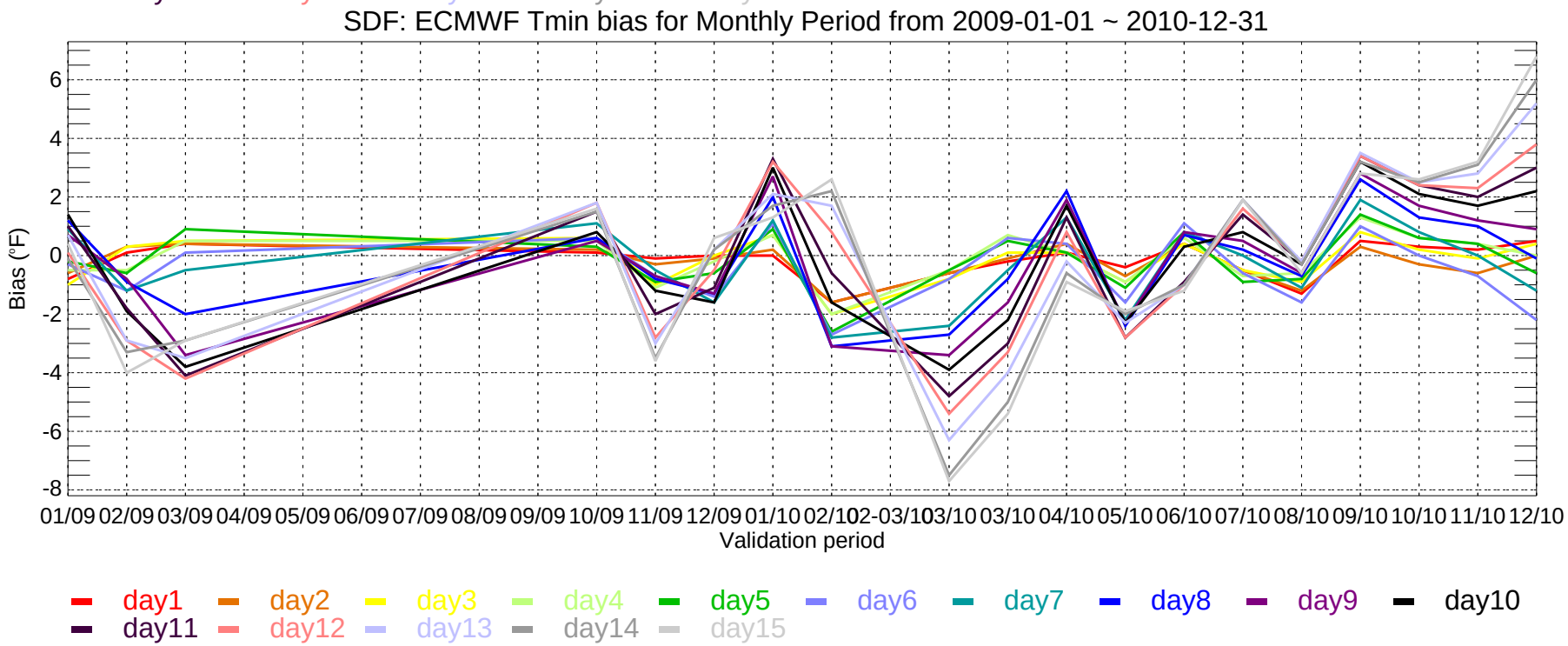

SAV: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

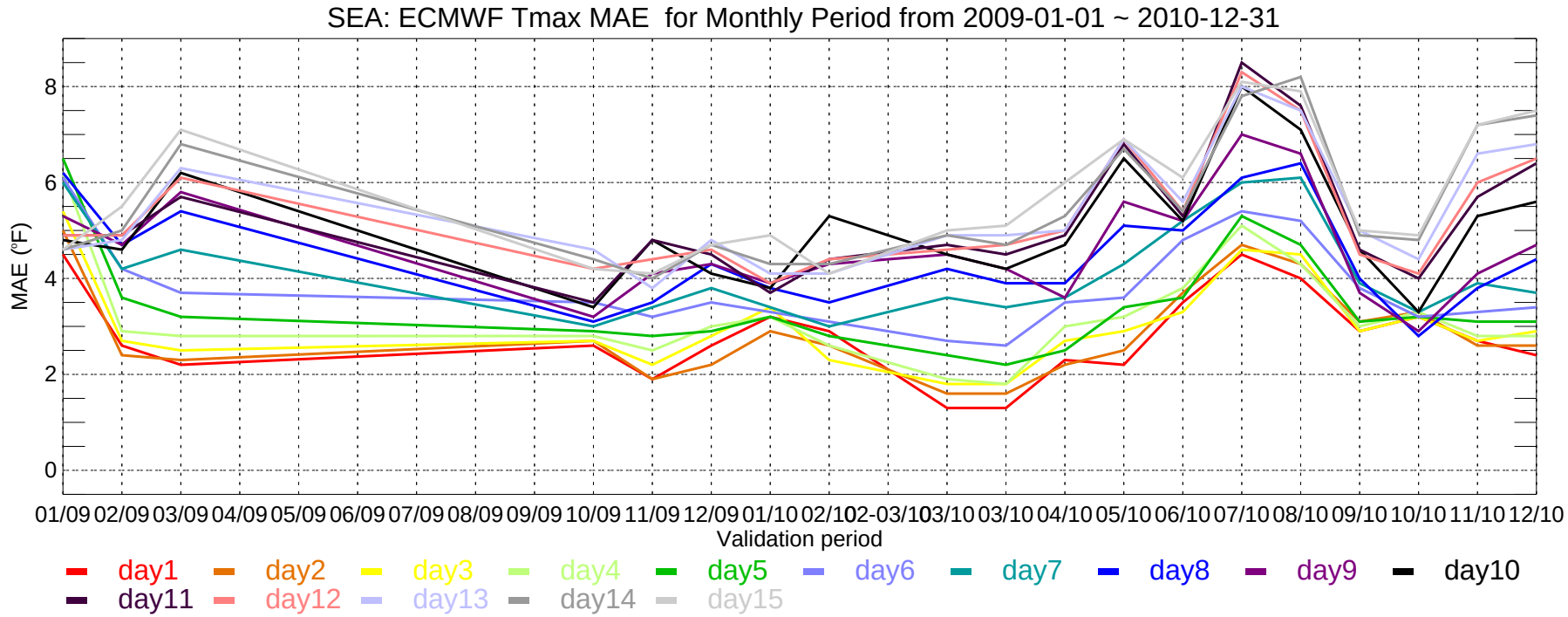

SAV: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

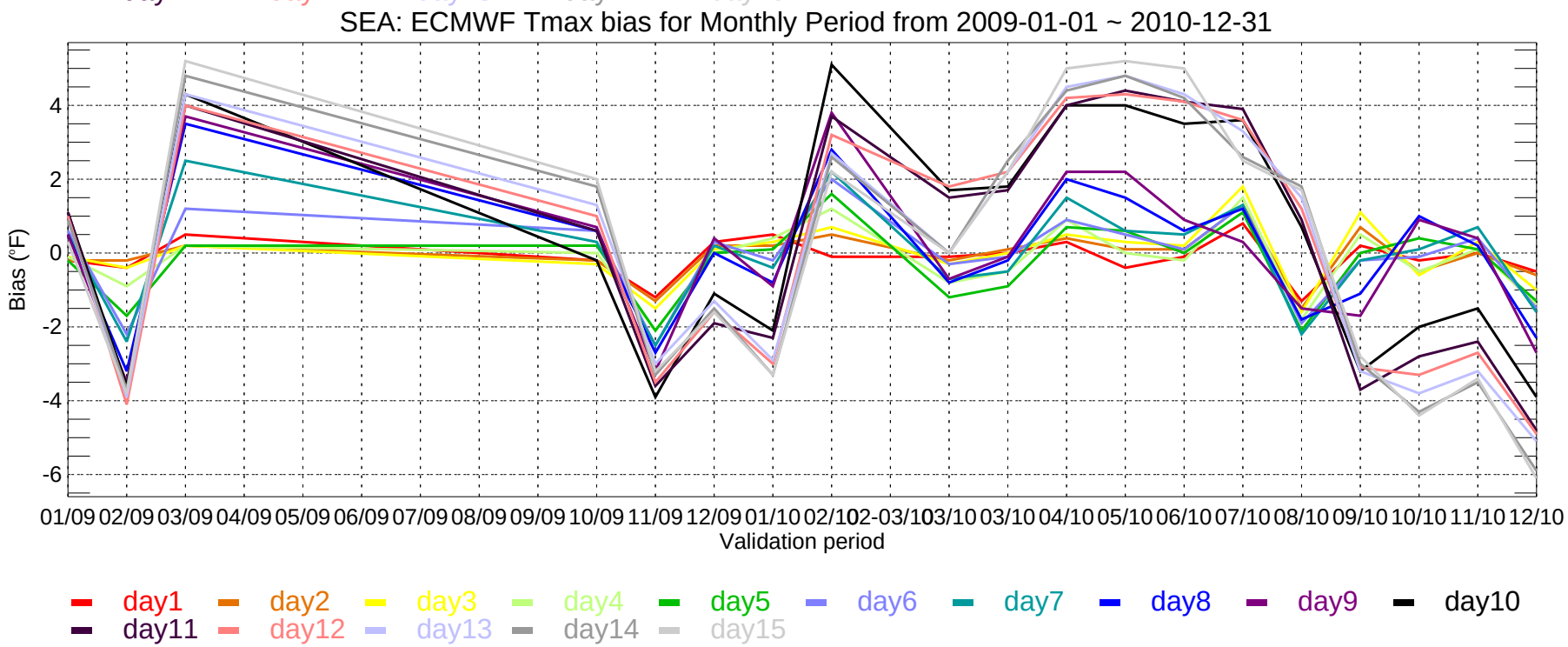

SDF: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

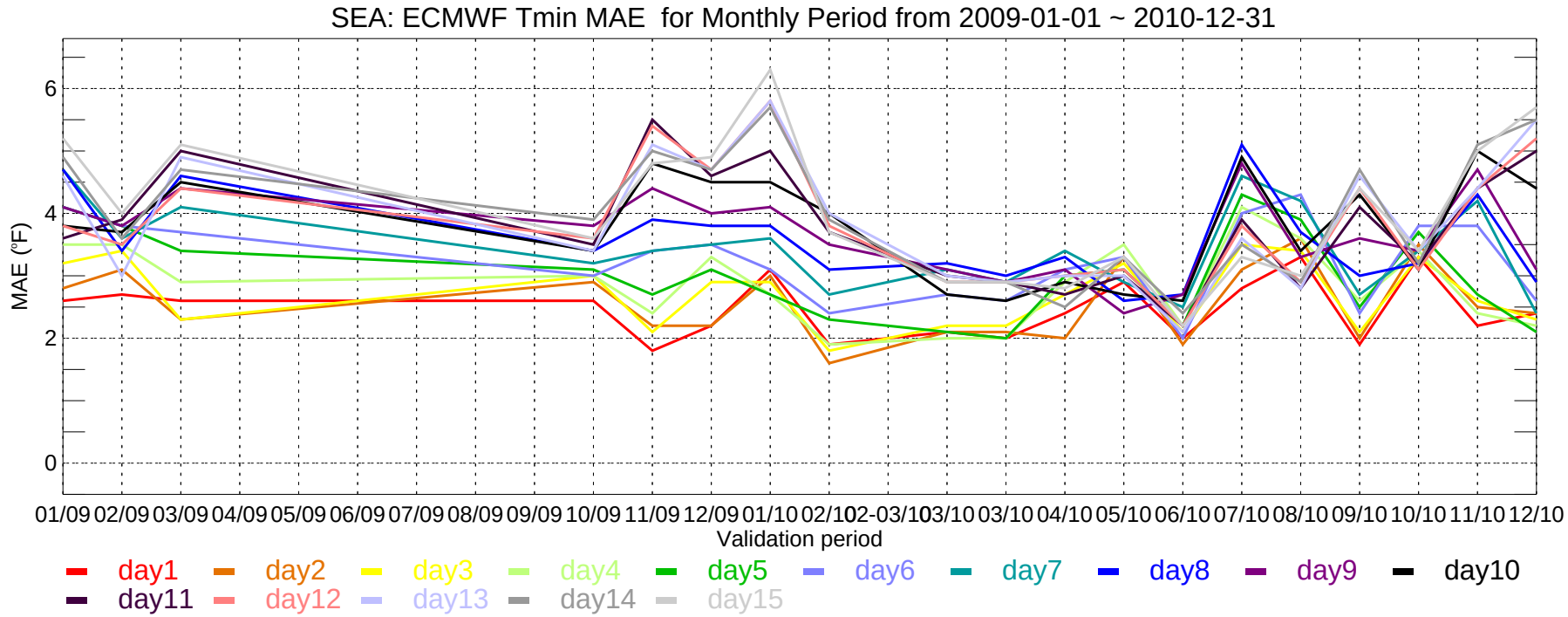

SDF: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

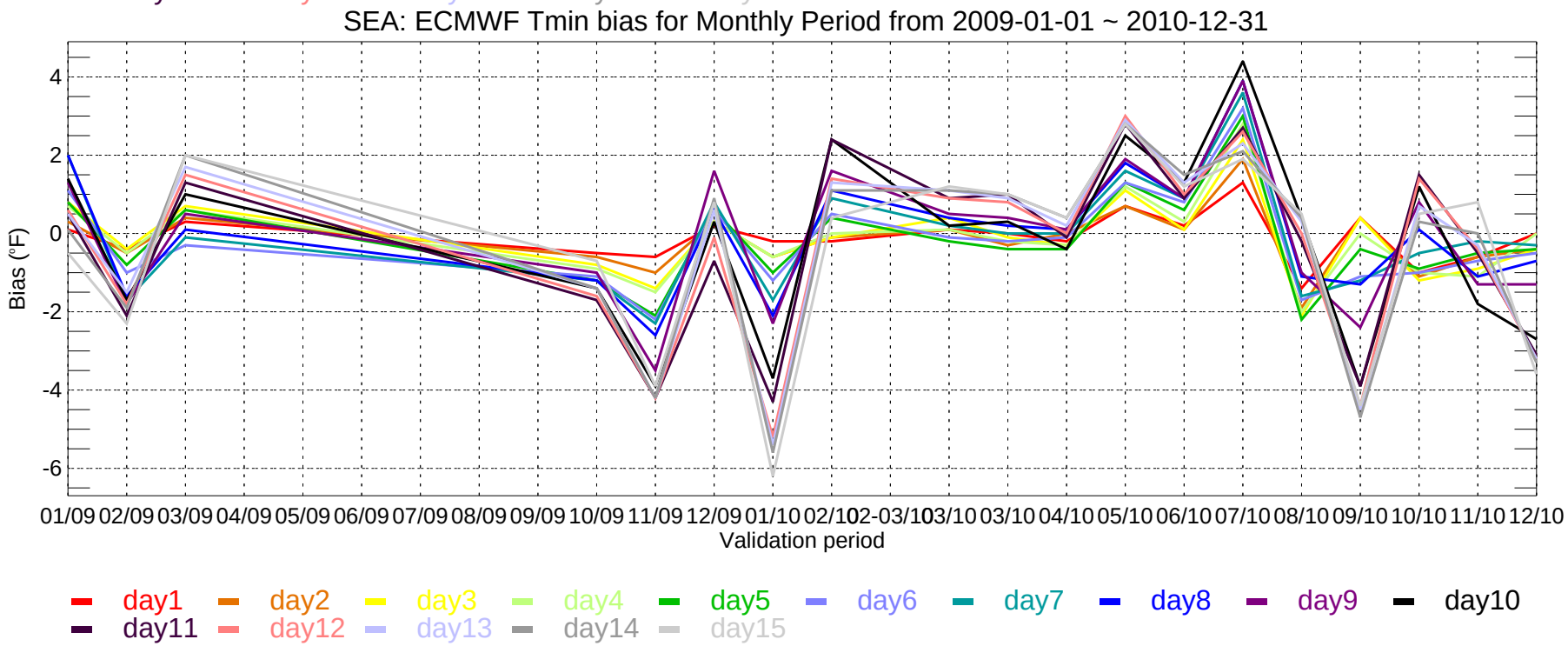

SDF: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

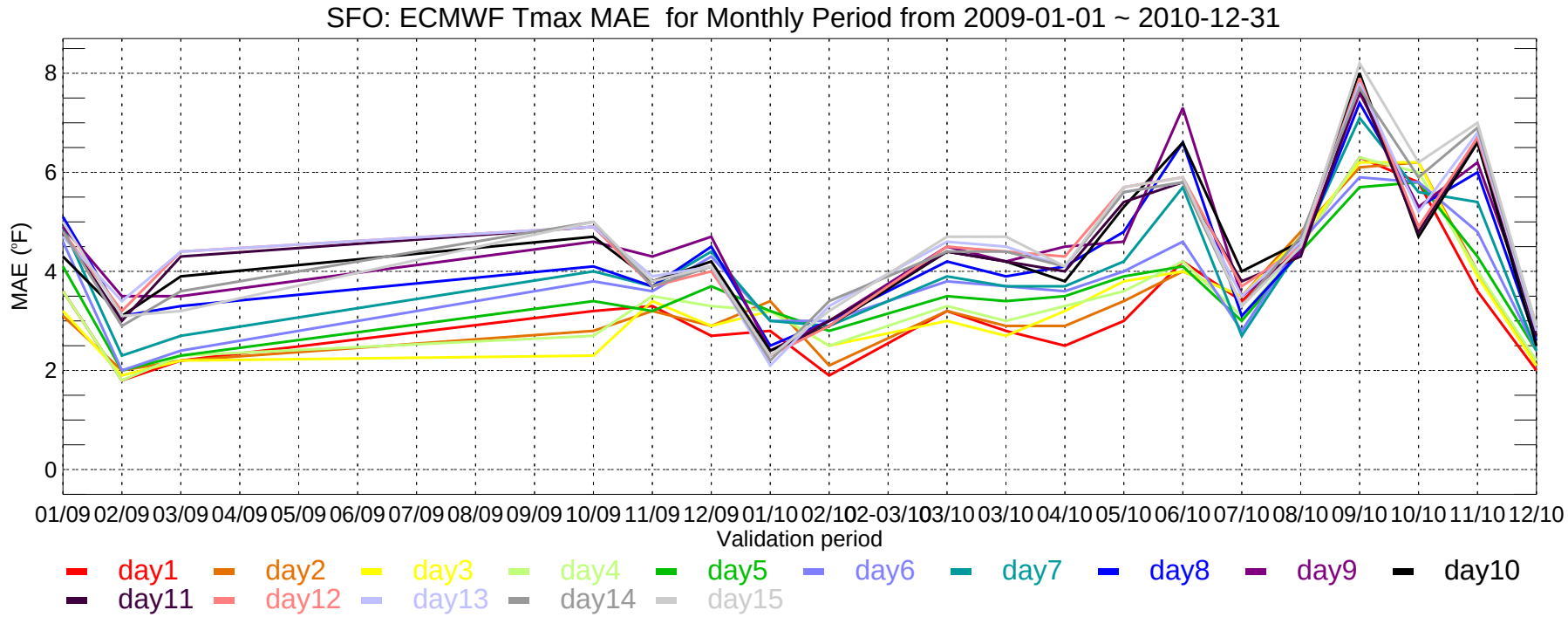

SDF: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

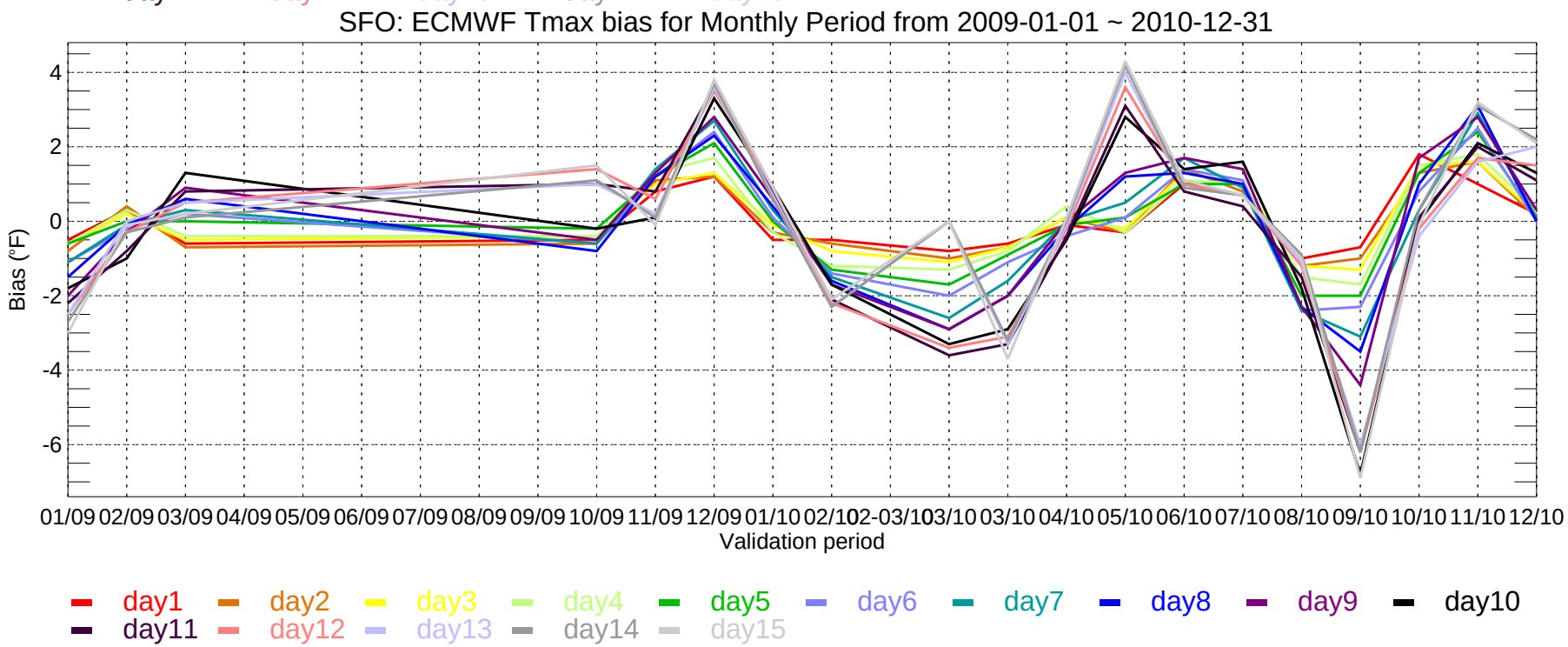

SEA: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

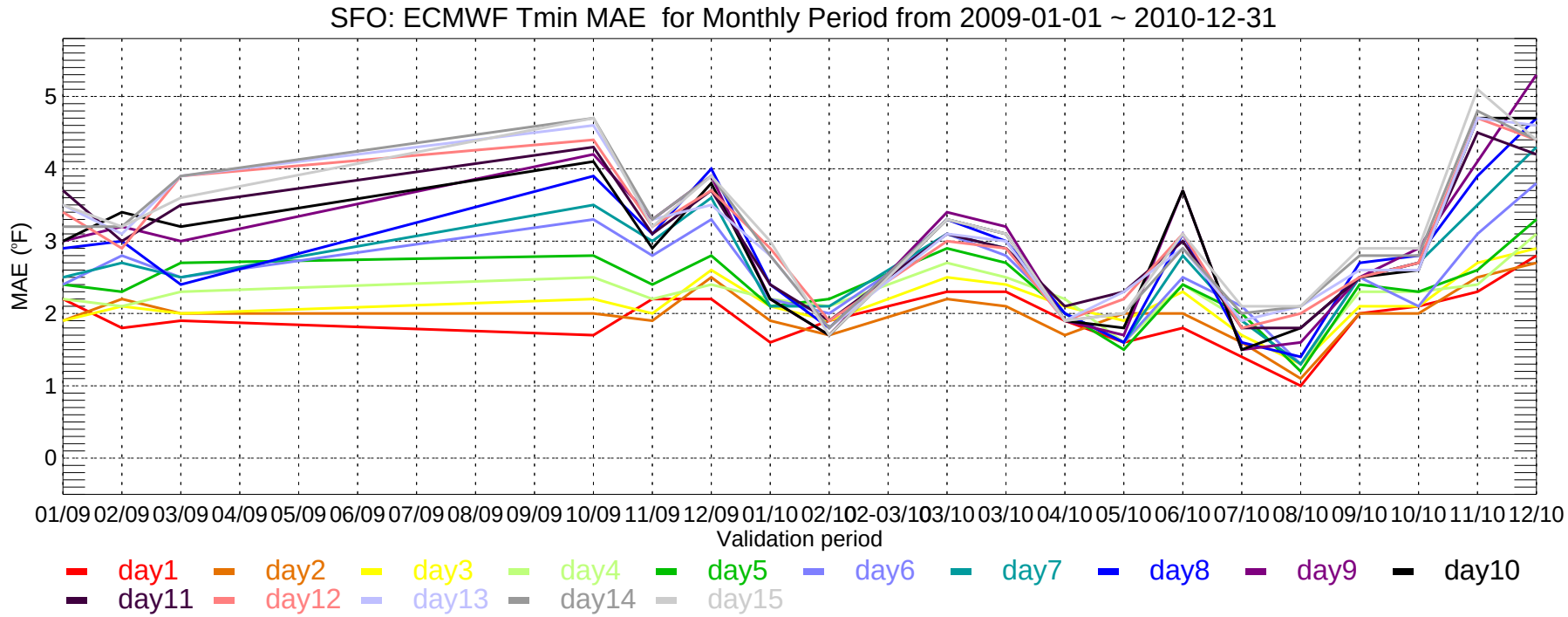

SEA: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

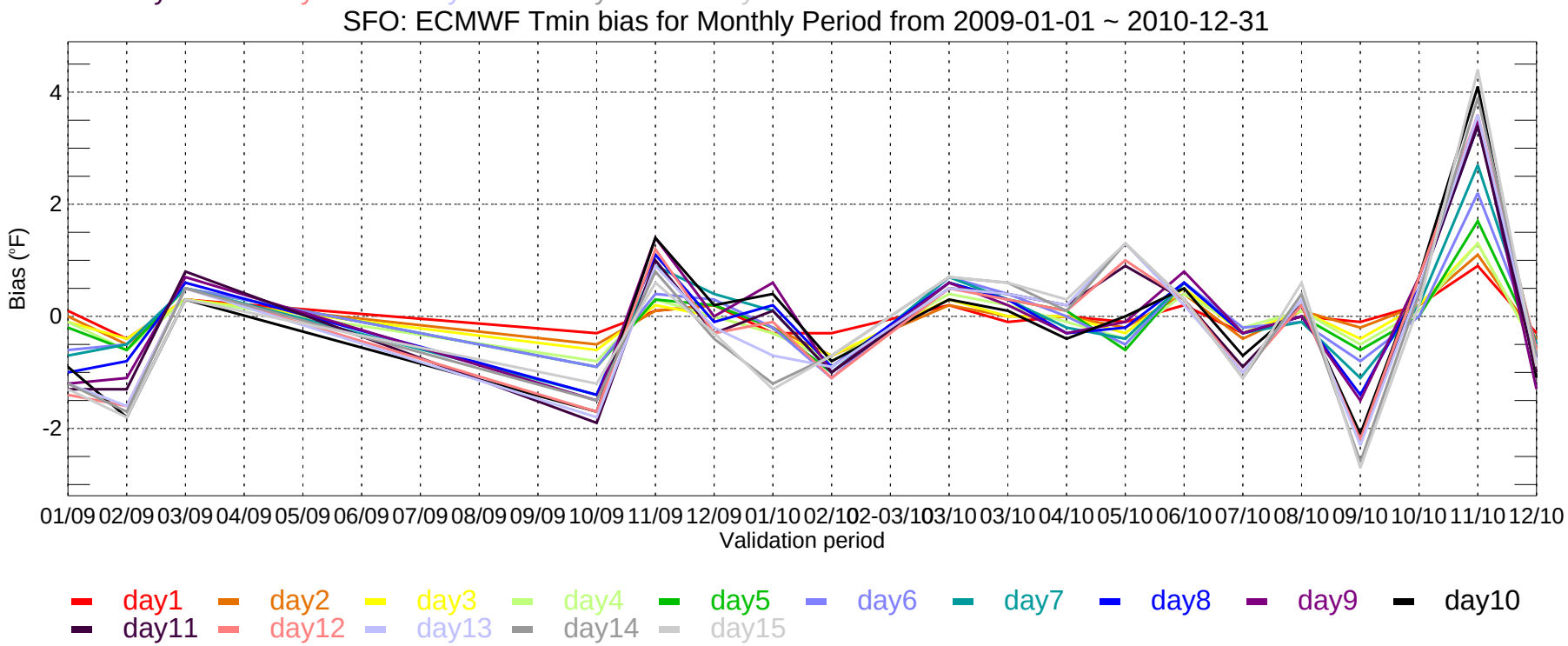

SEA: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

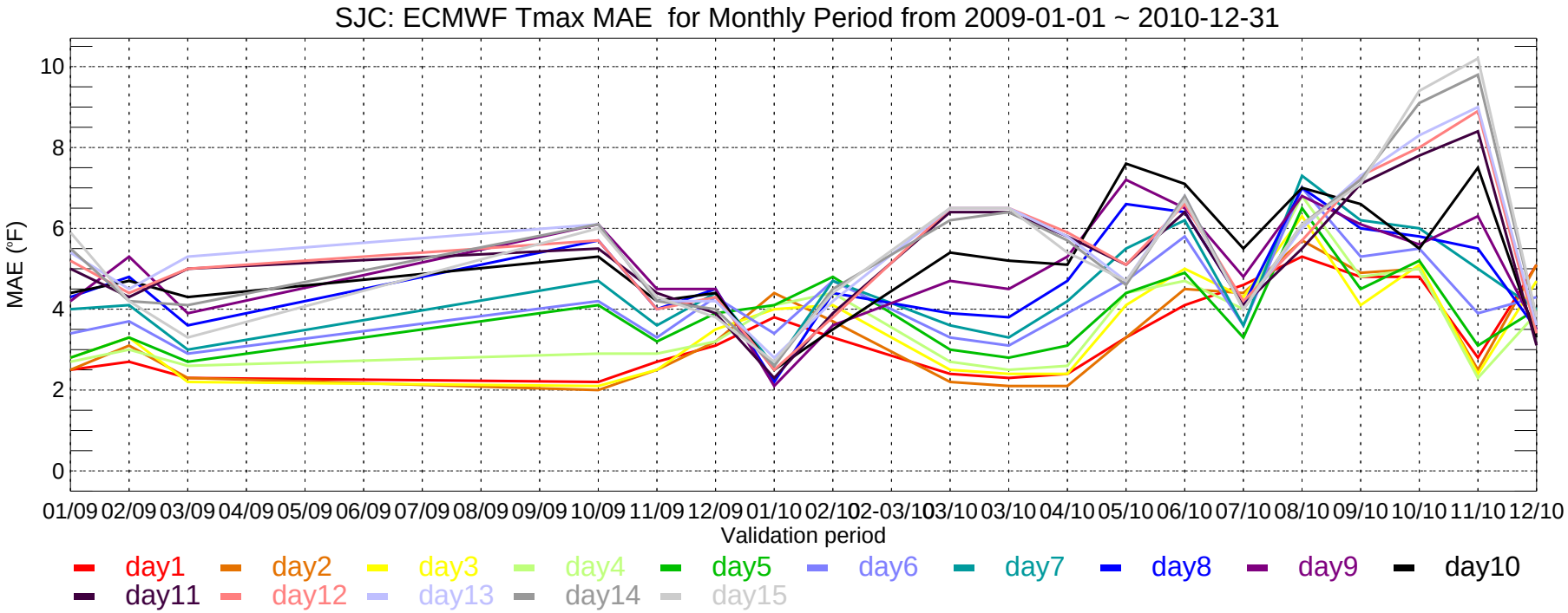

SEA: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

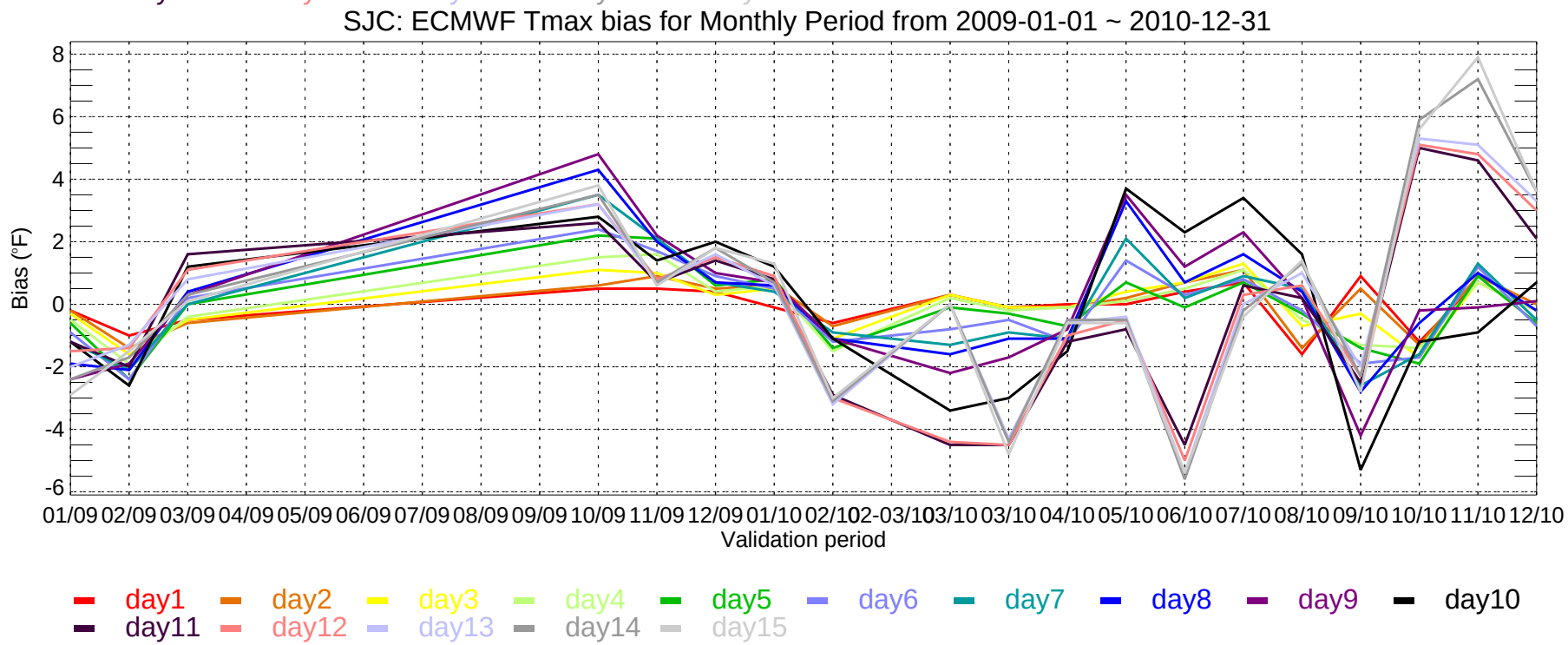

SFO: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

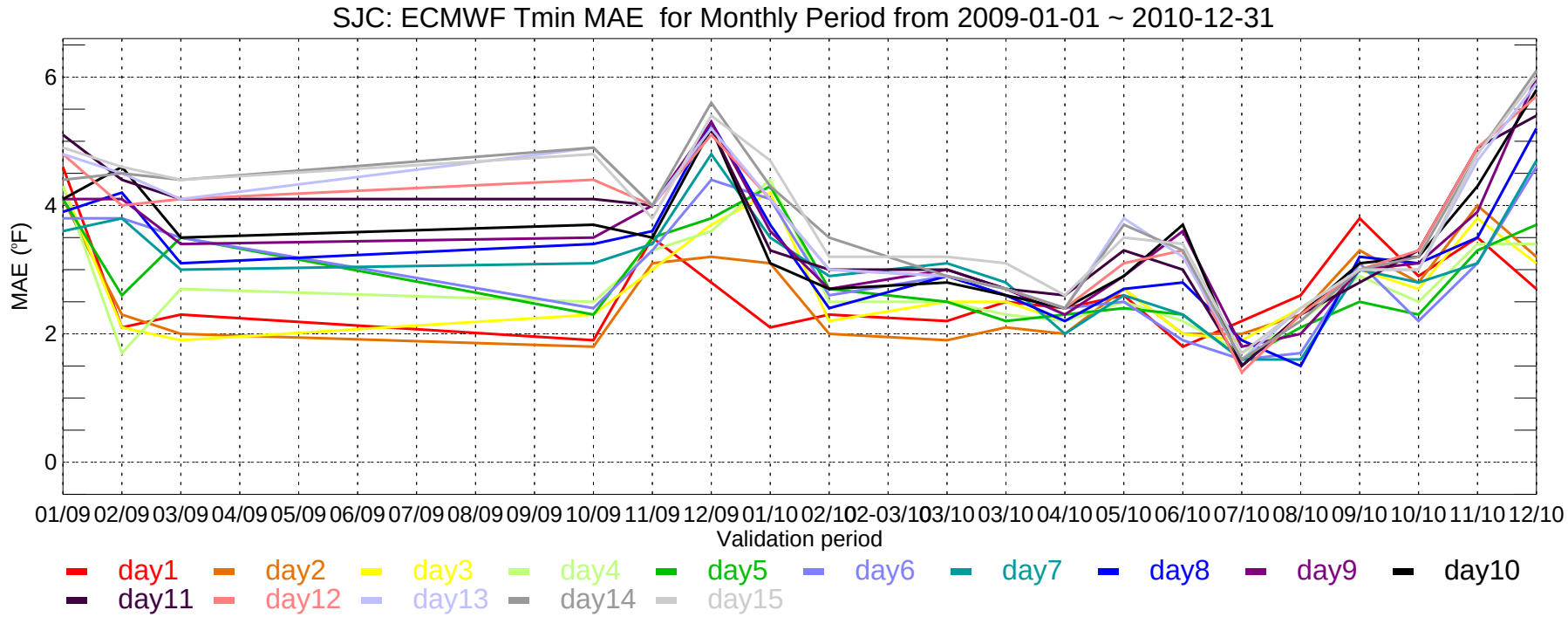

SFO: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

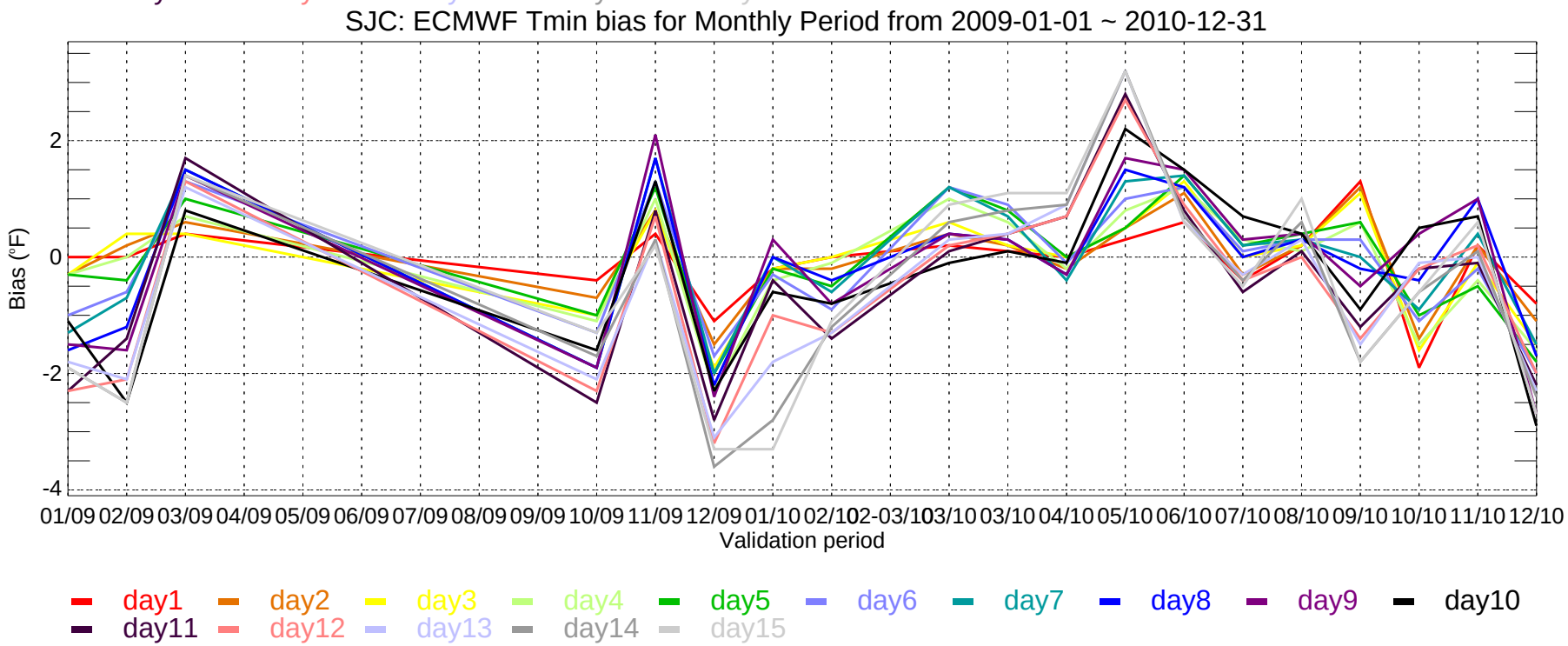

SFO: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
1
2
3
4
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

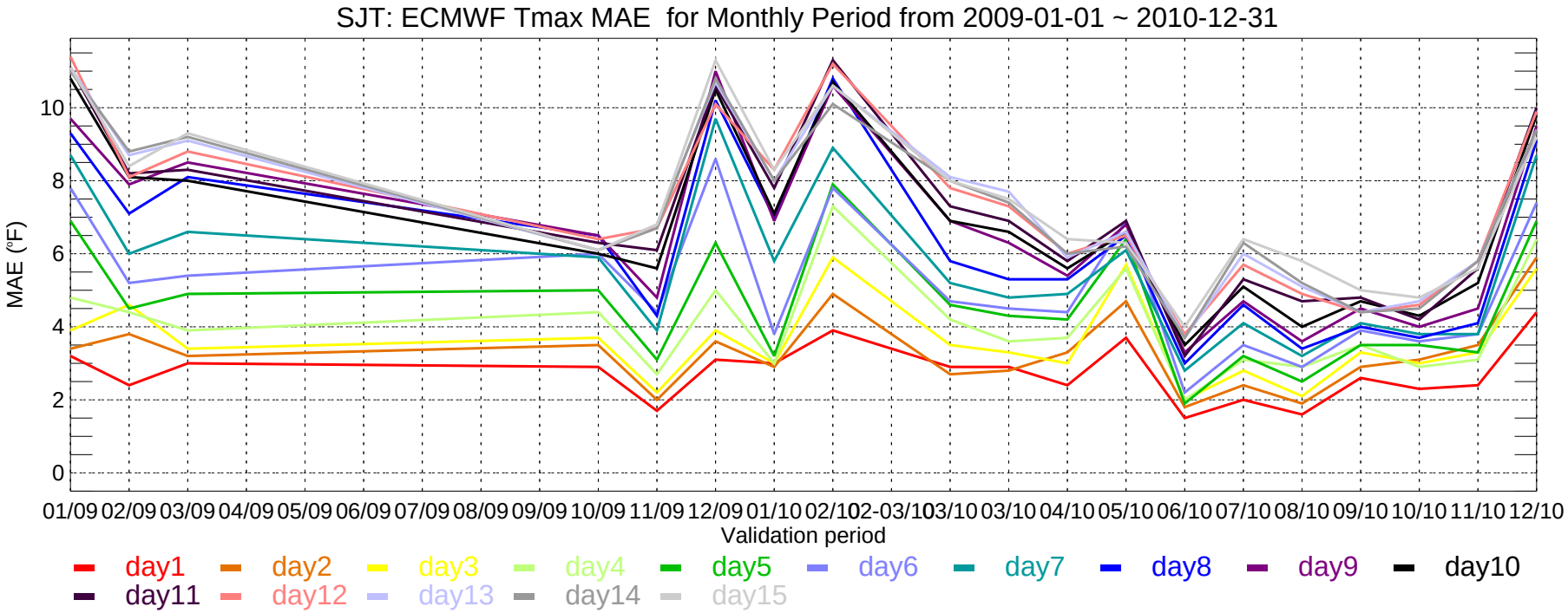

SFO: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

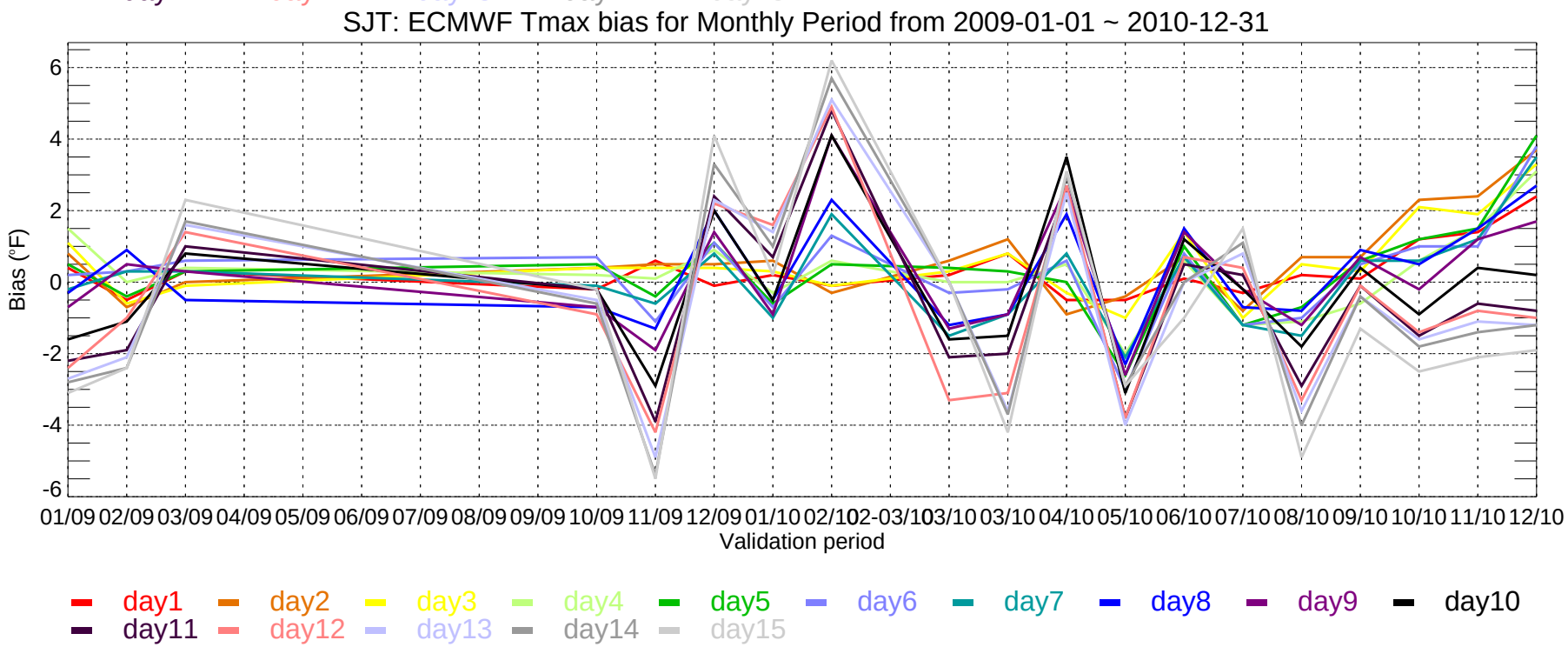

SJC: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

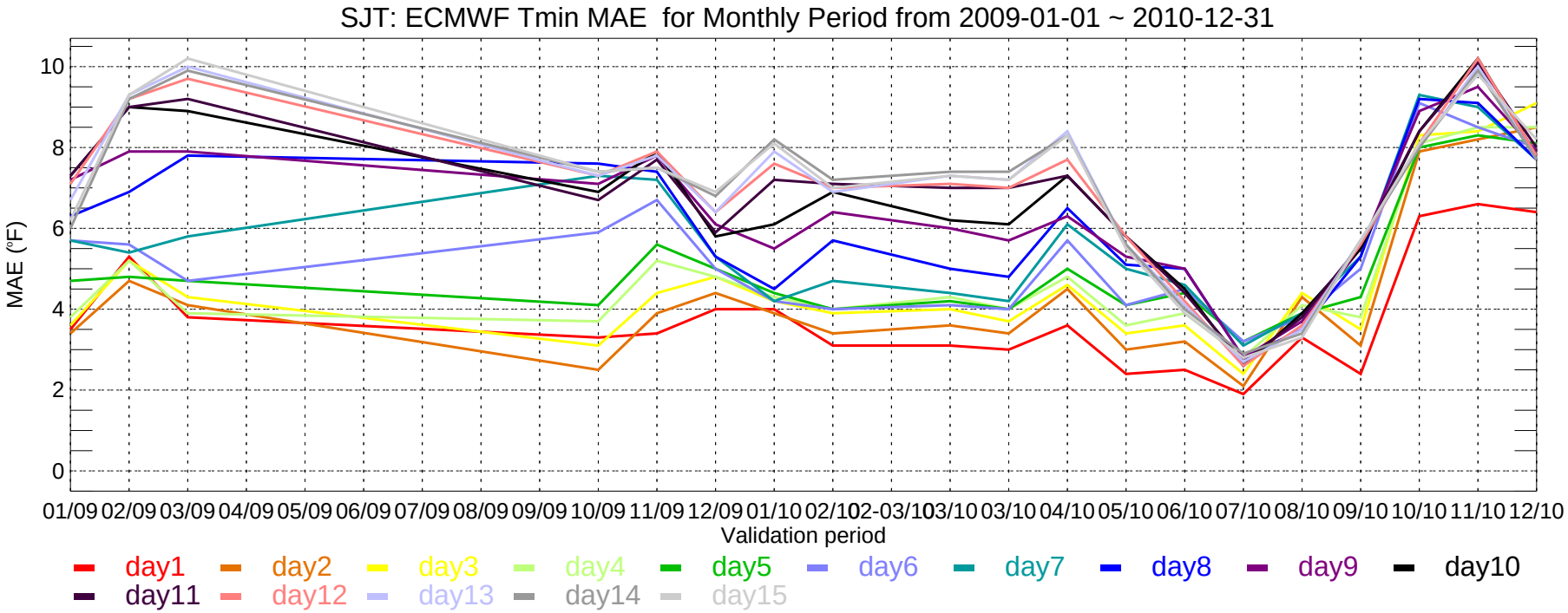

SJC: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

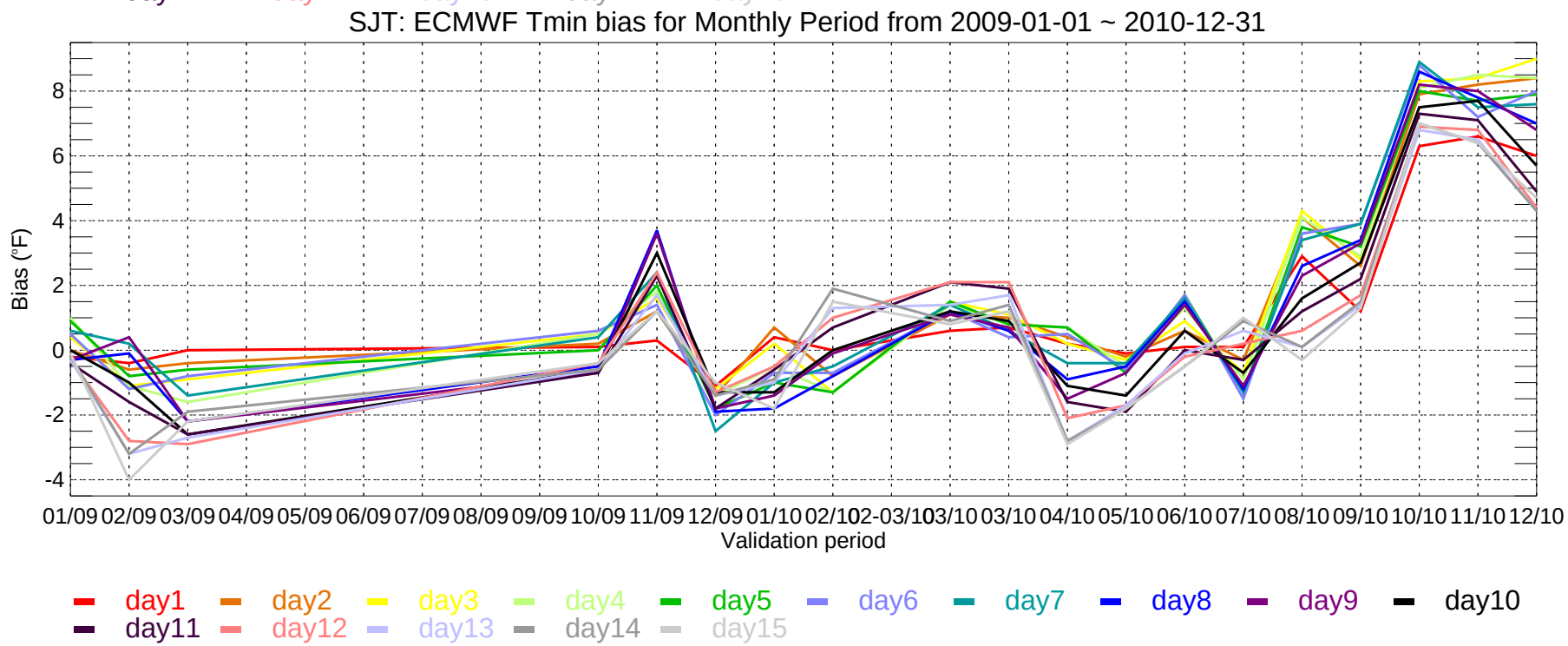

SJC: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

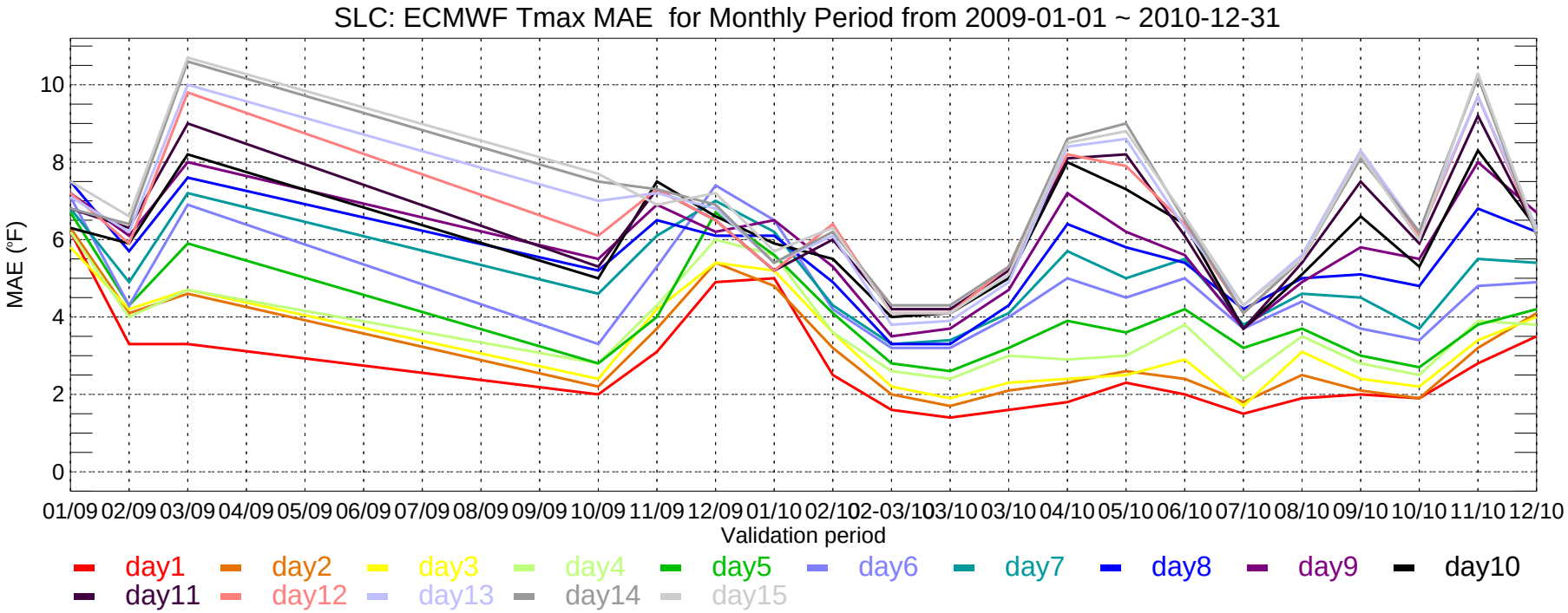

SJC: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

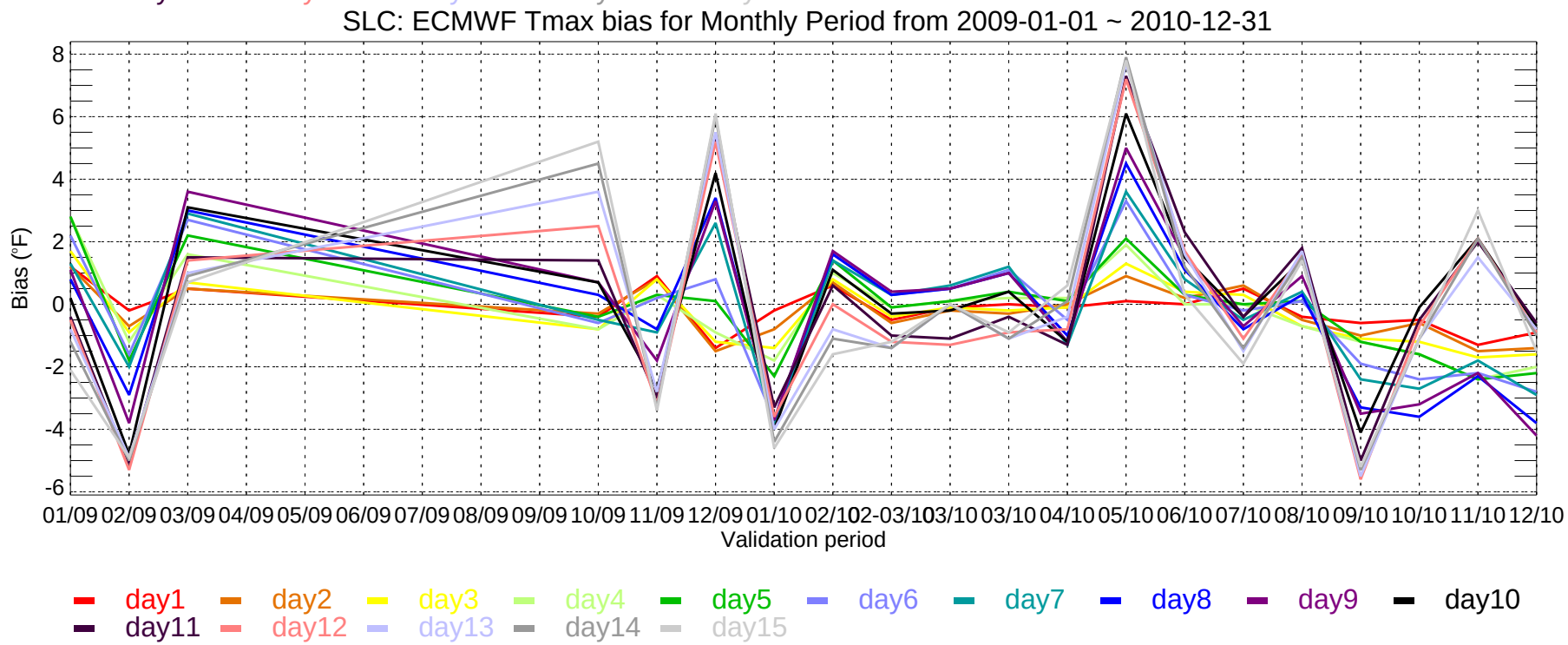

SJT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

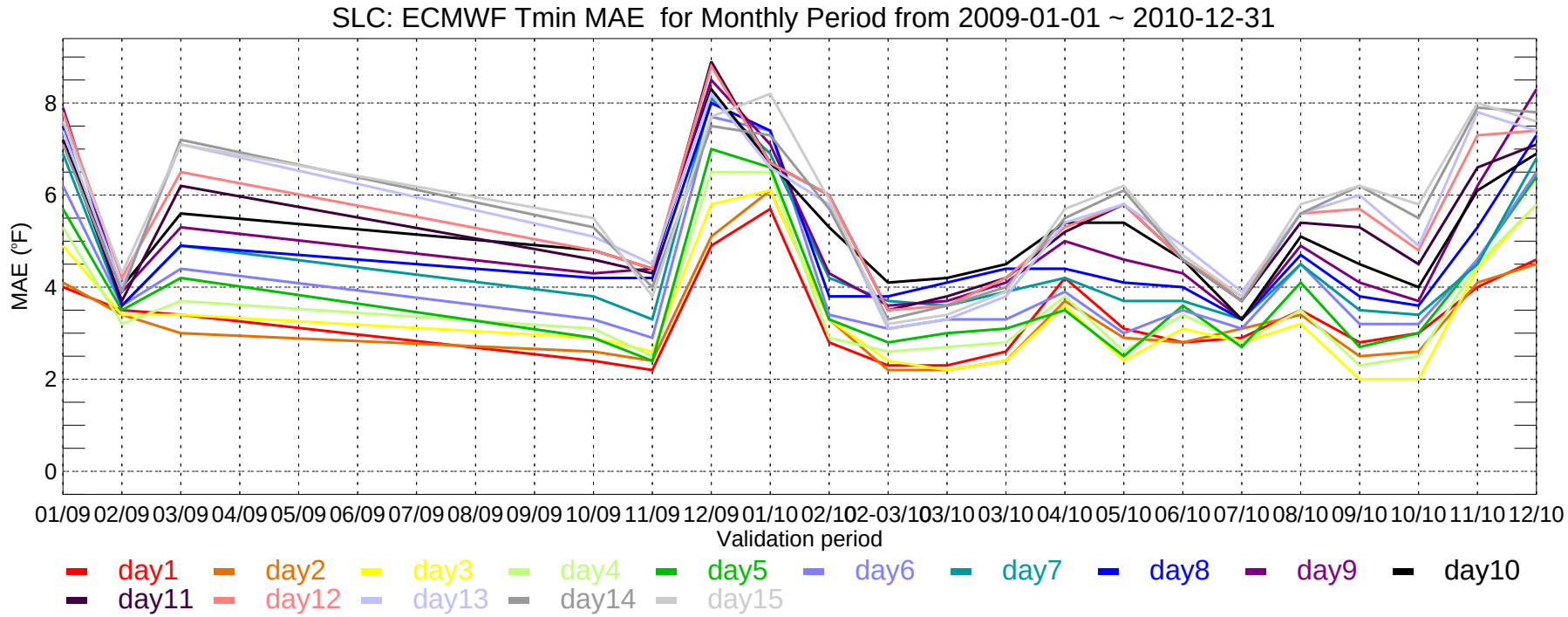

SJT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

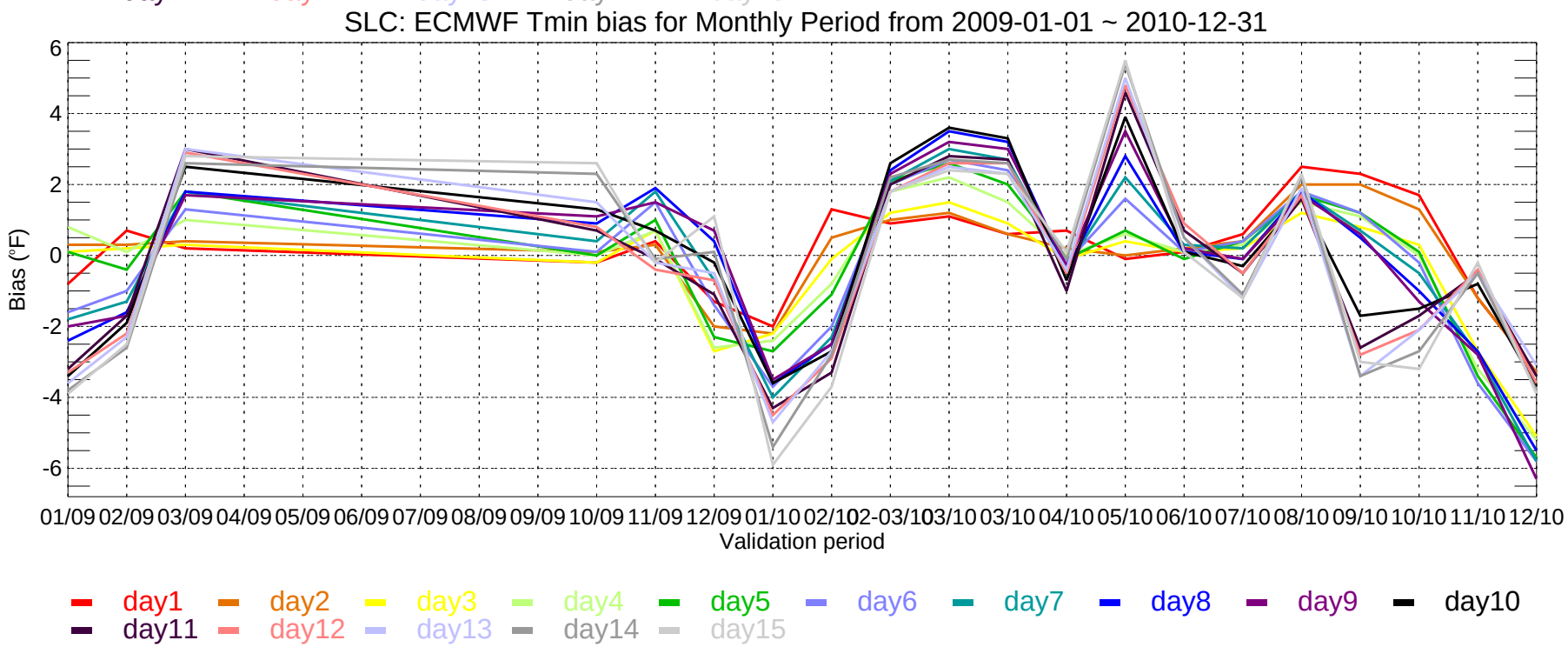

SJT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

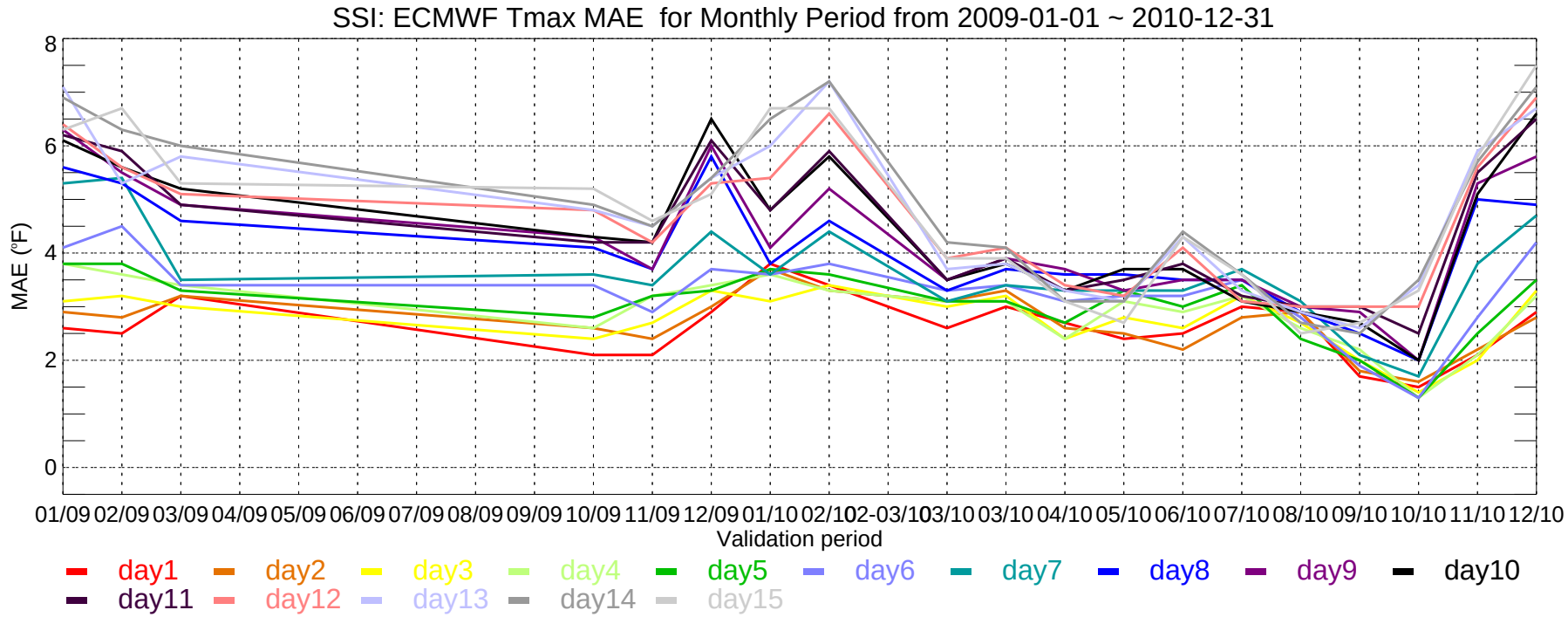

SJT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

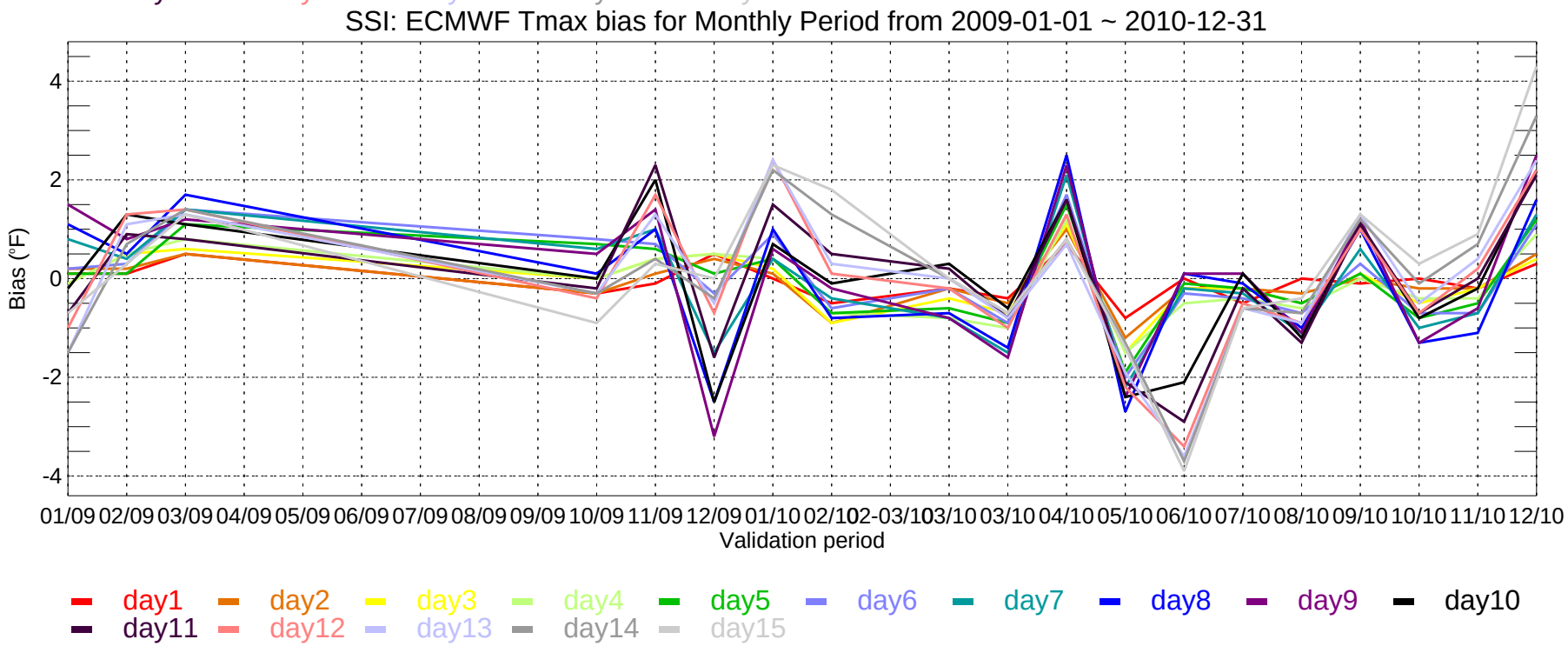

SLC: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

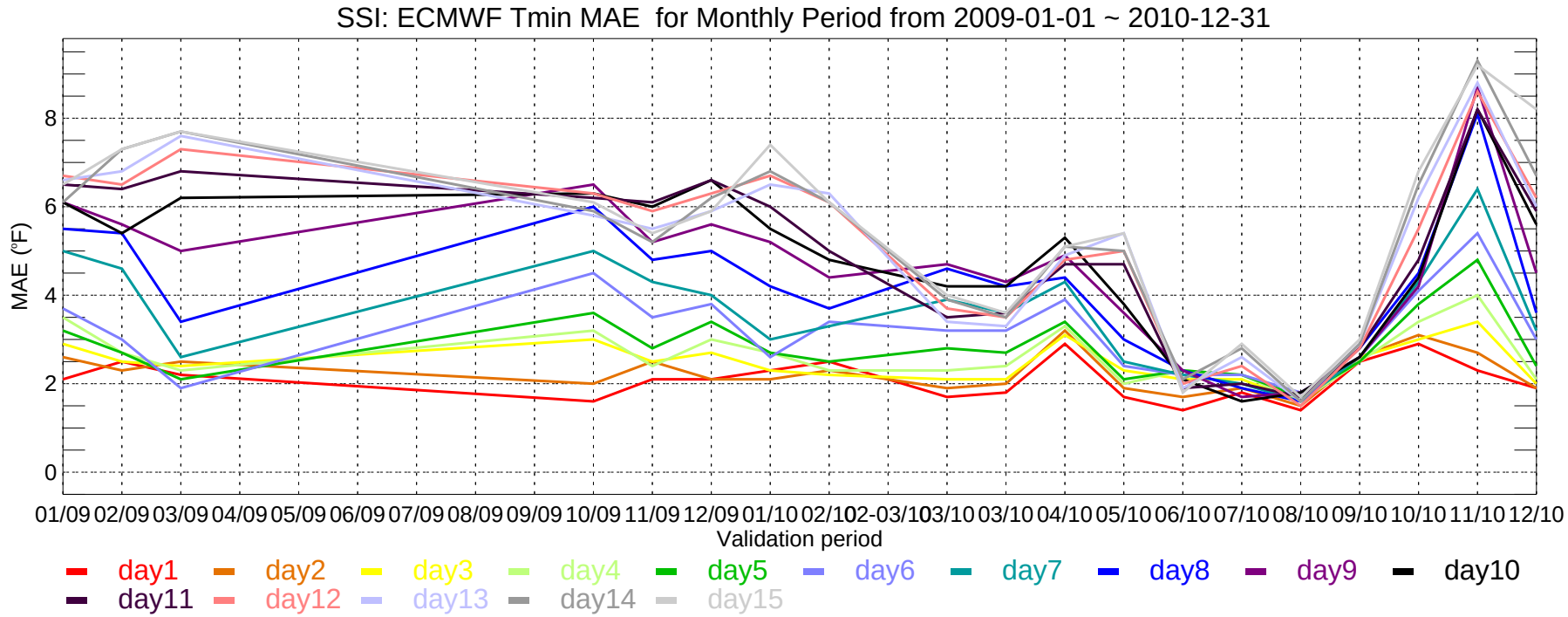

SLC: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

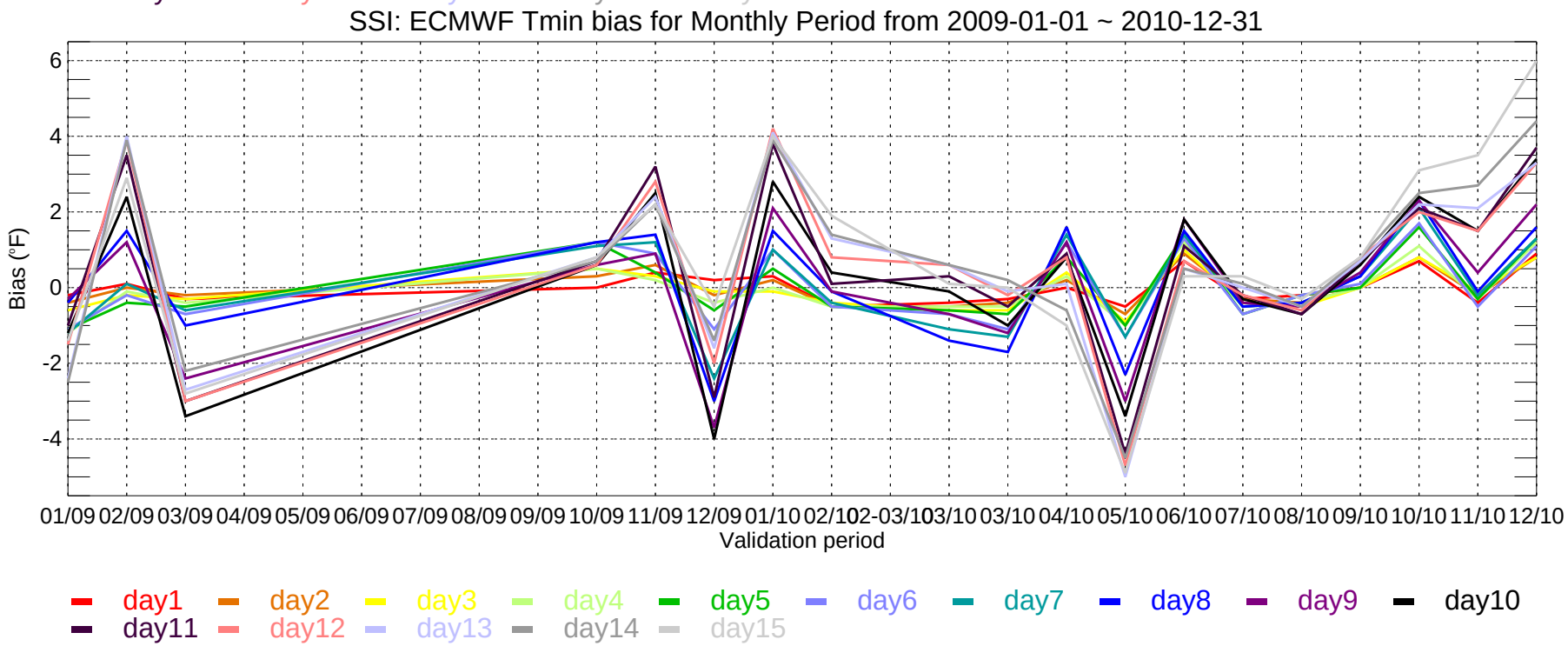

SLC: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

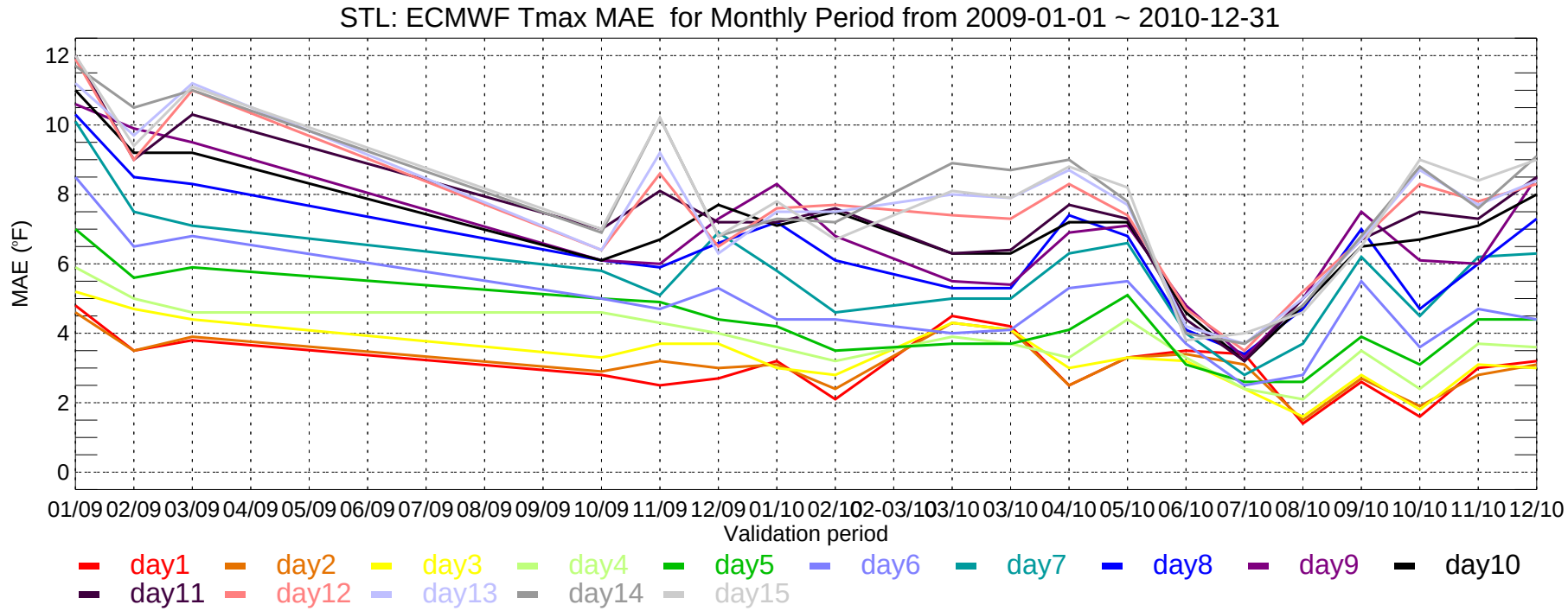

SLC: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

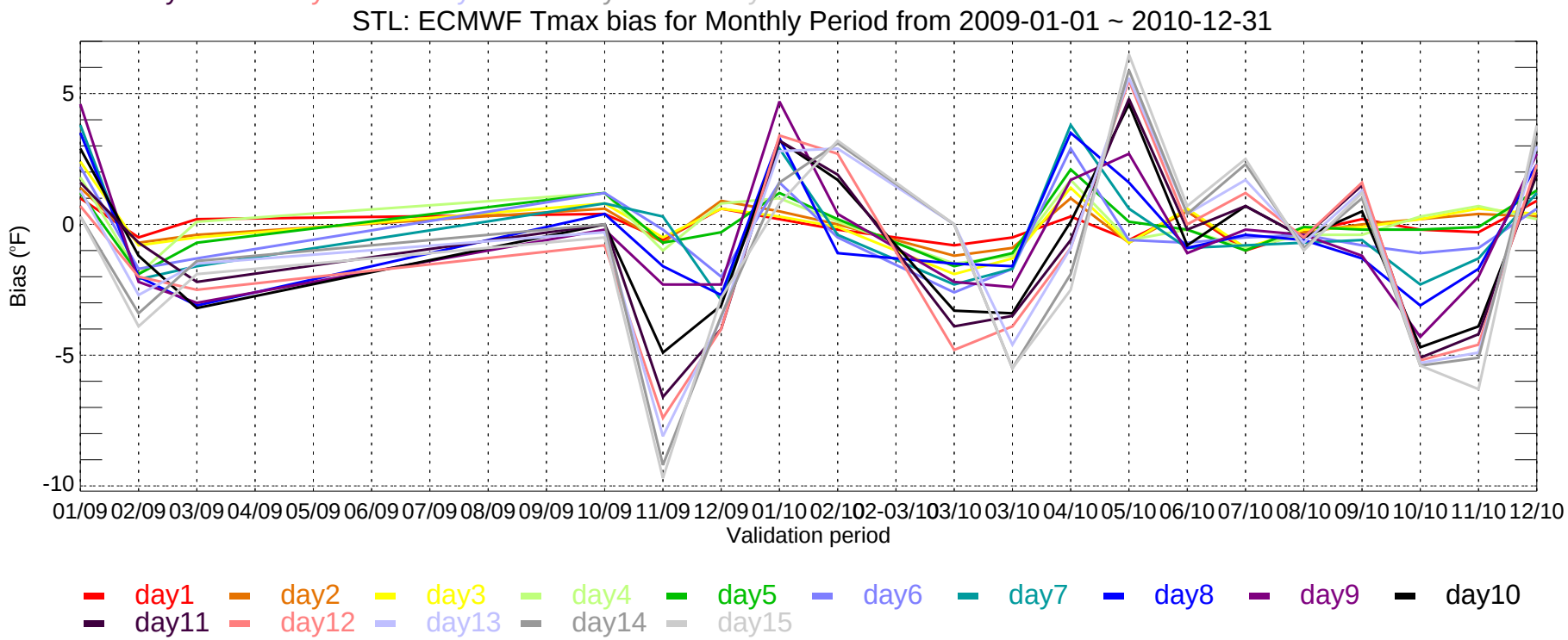

SSI: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

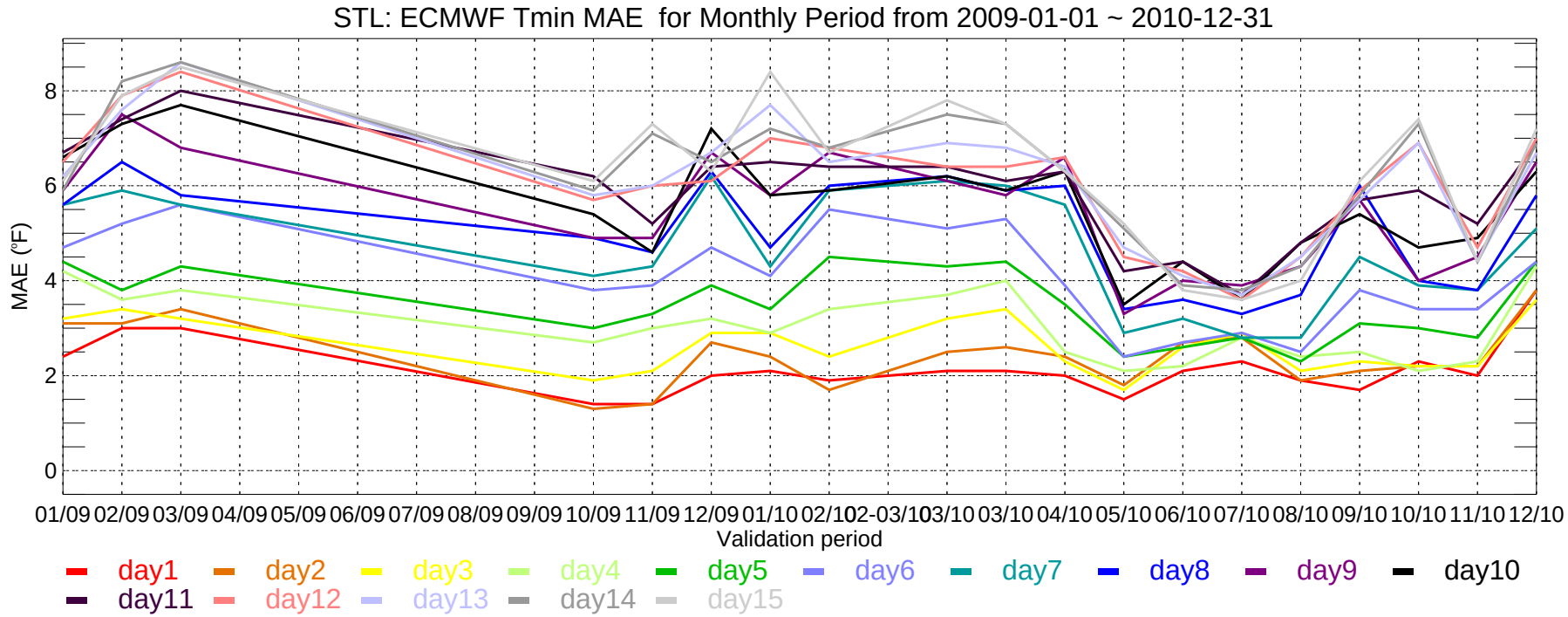

SSI: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

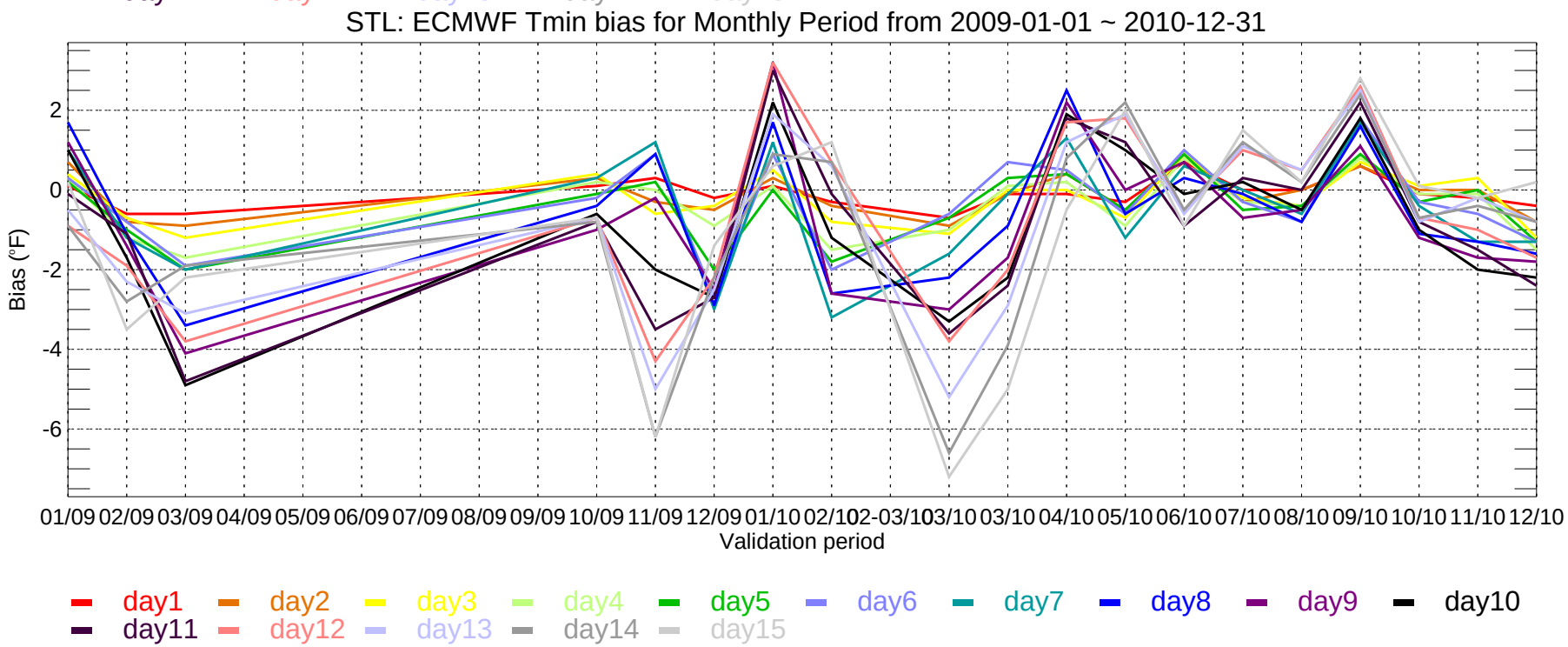

SSI: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

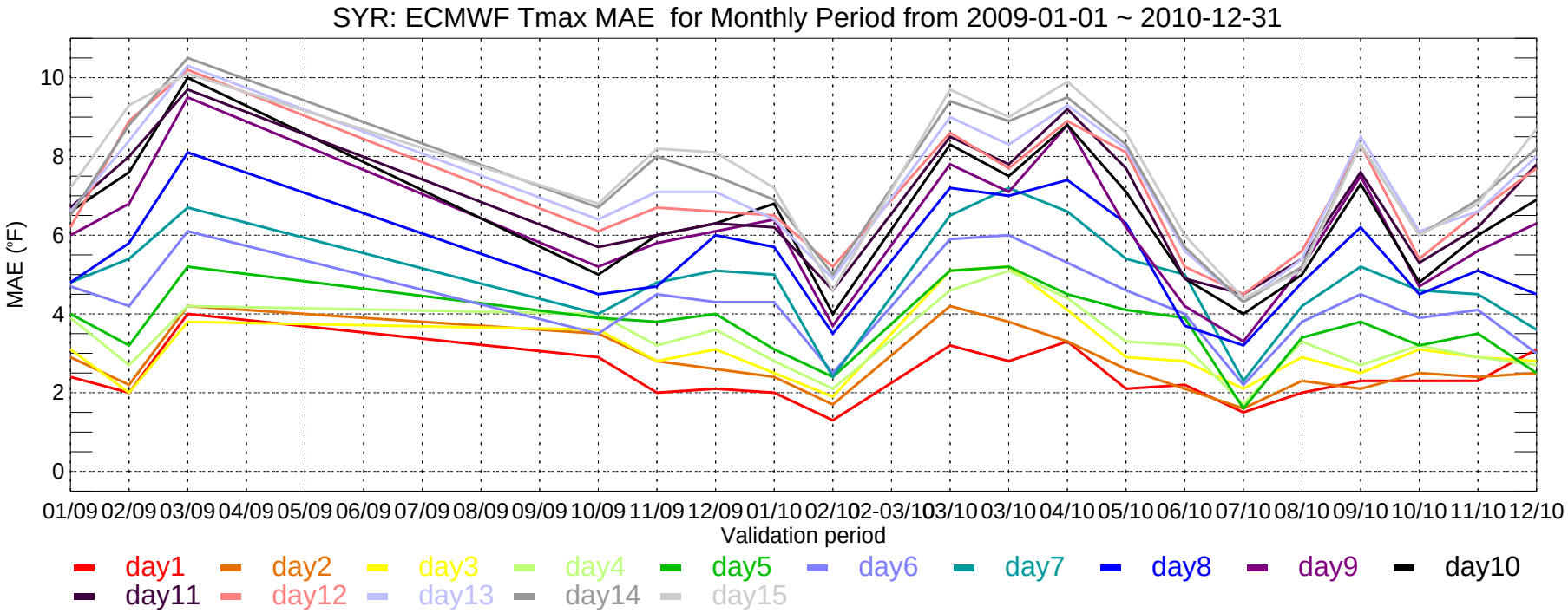

SSI: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

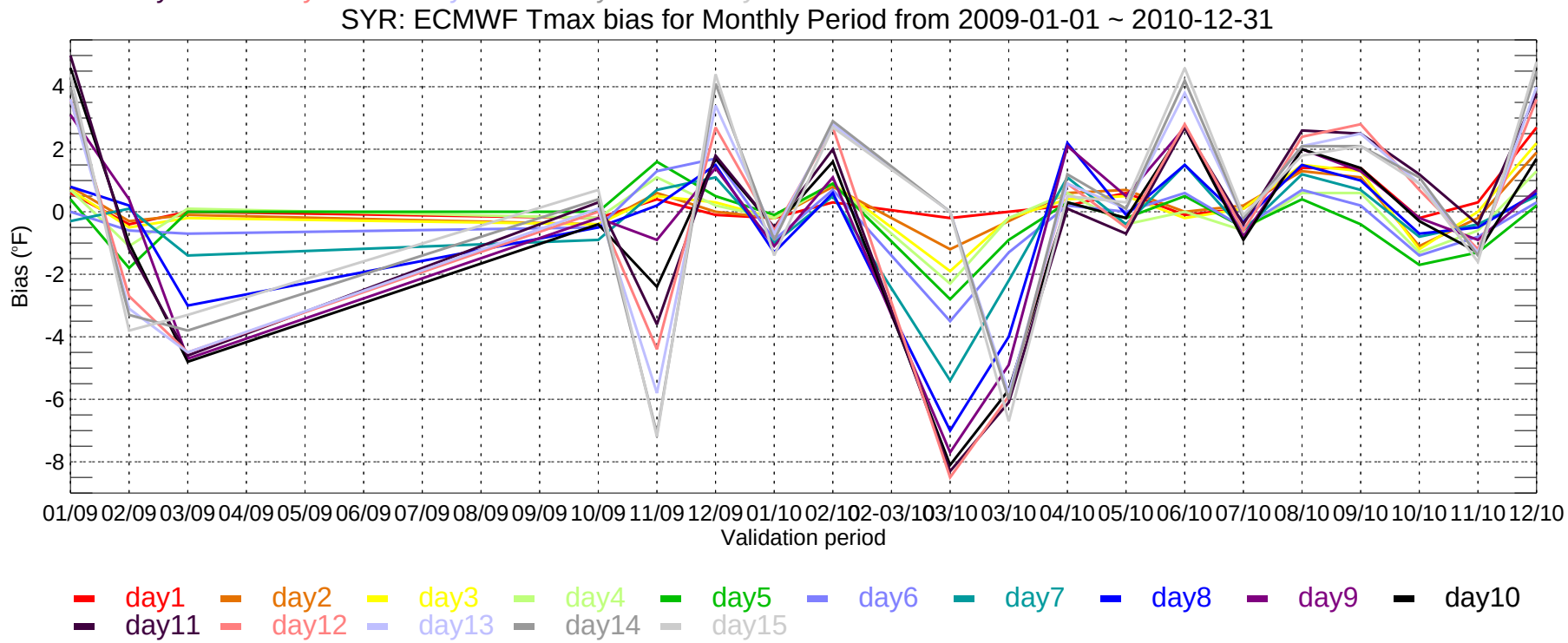

STL: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

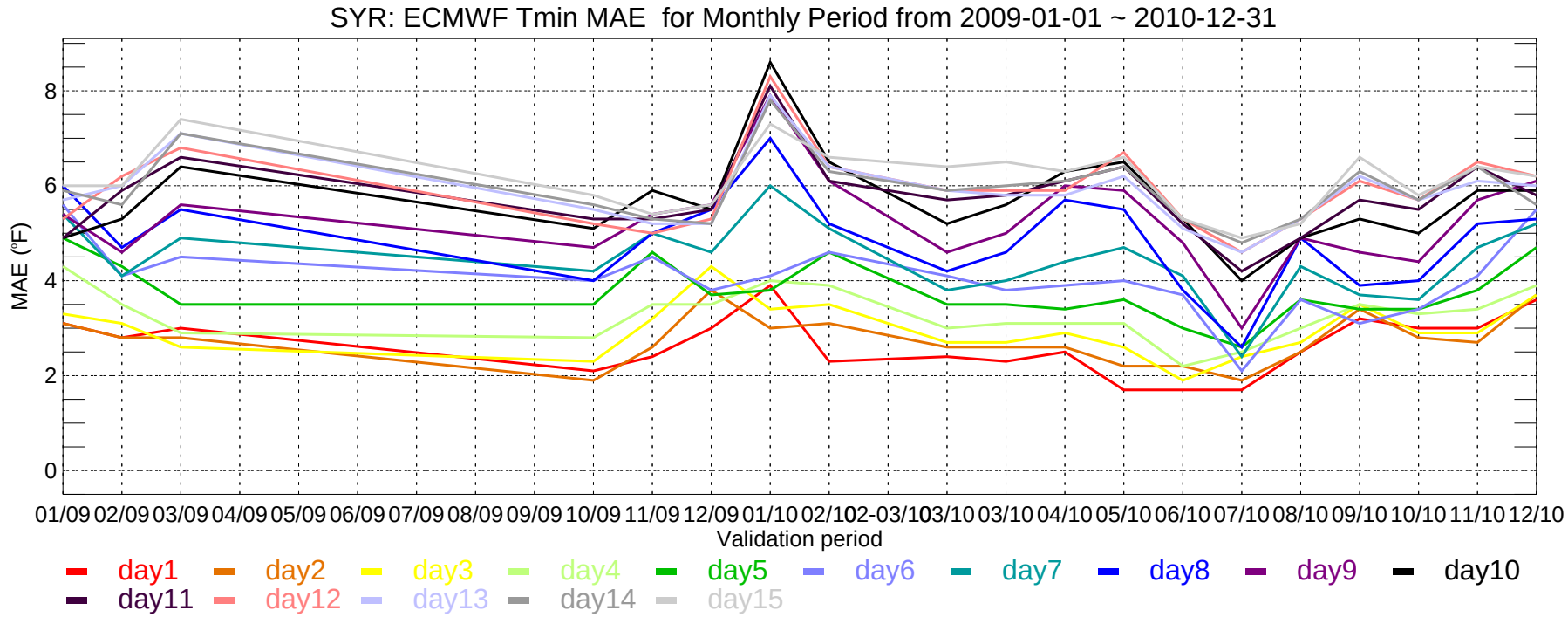

STL: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

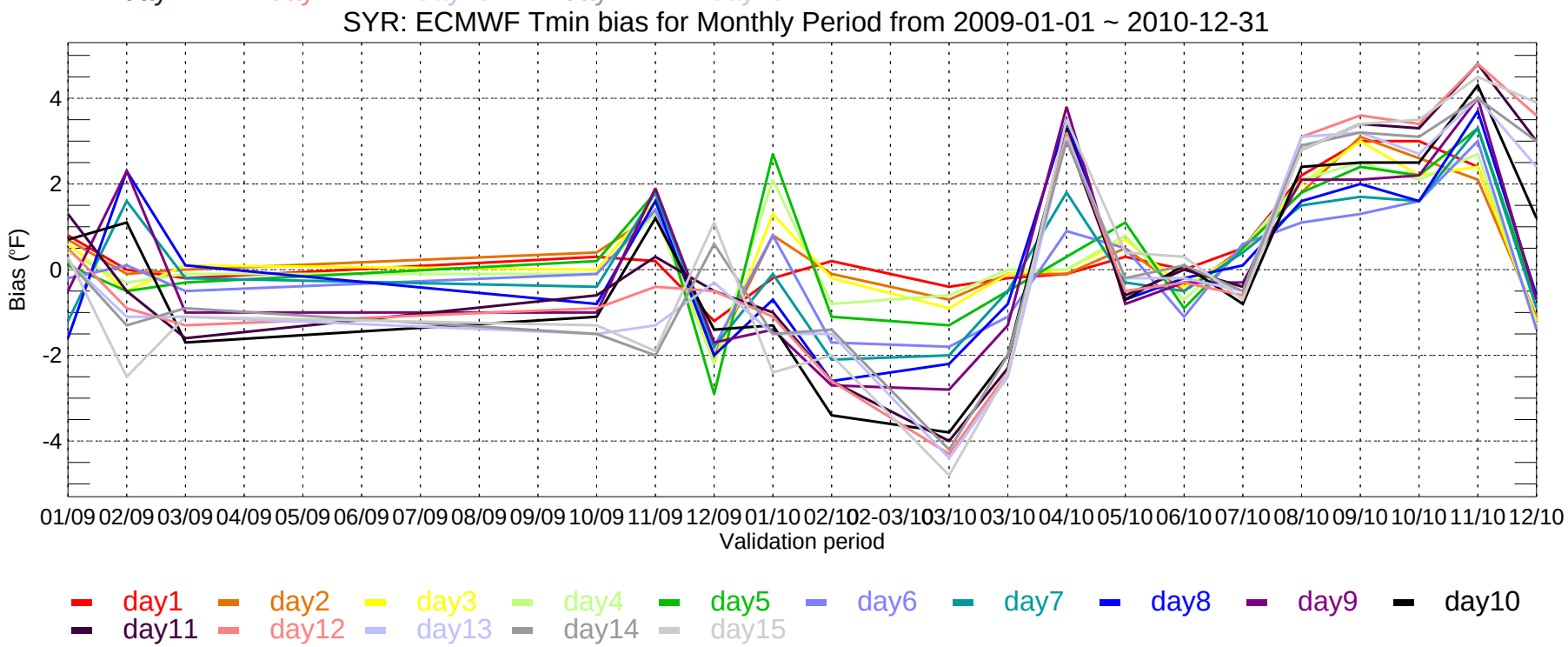

STL: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

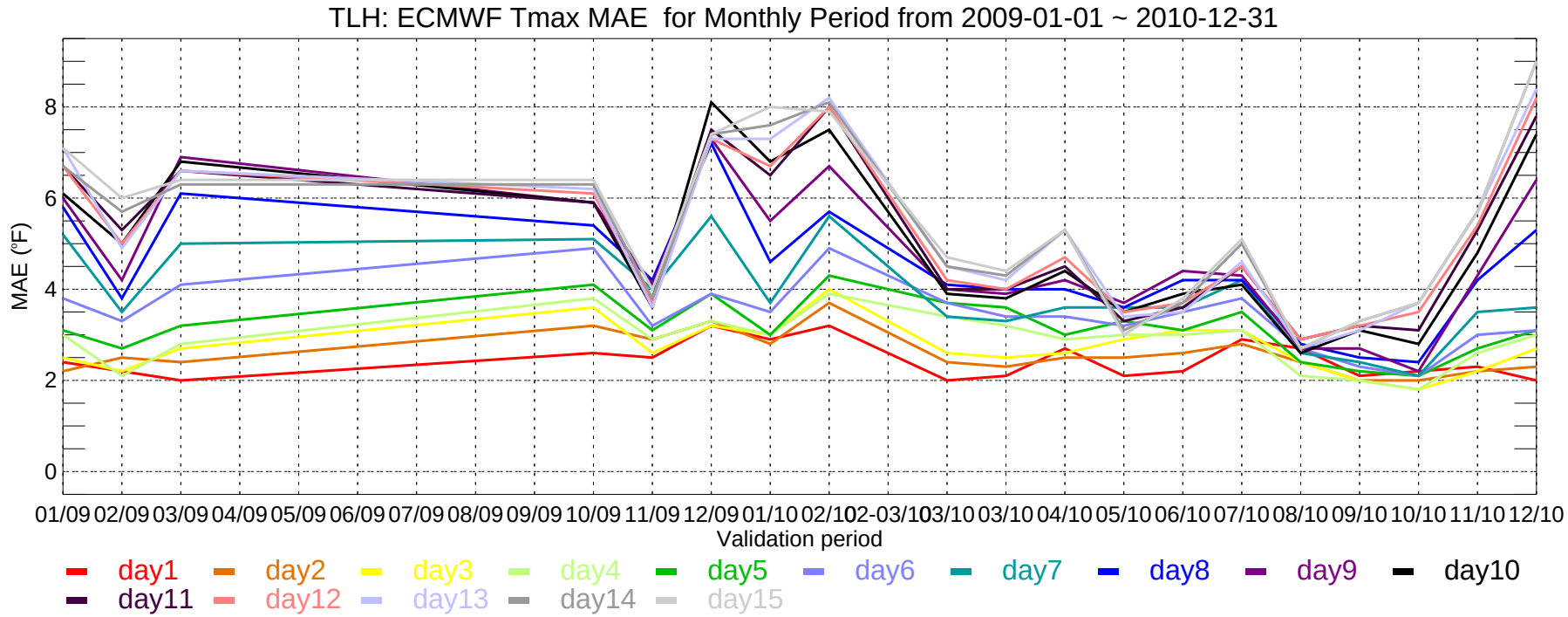

STL: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

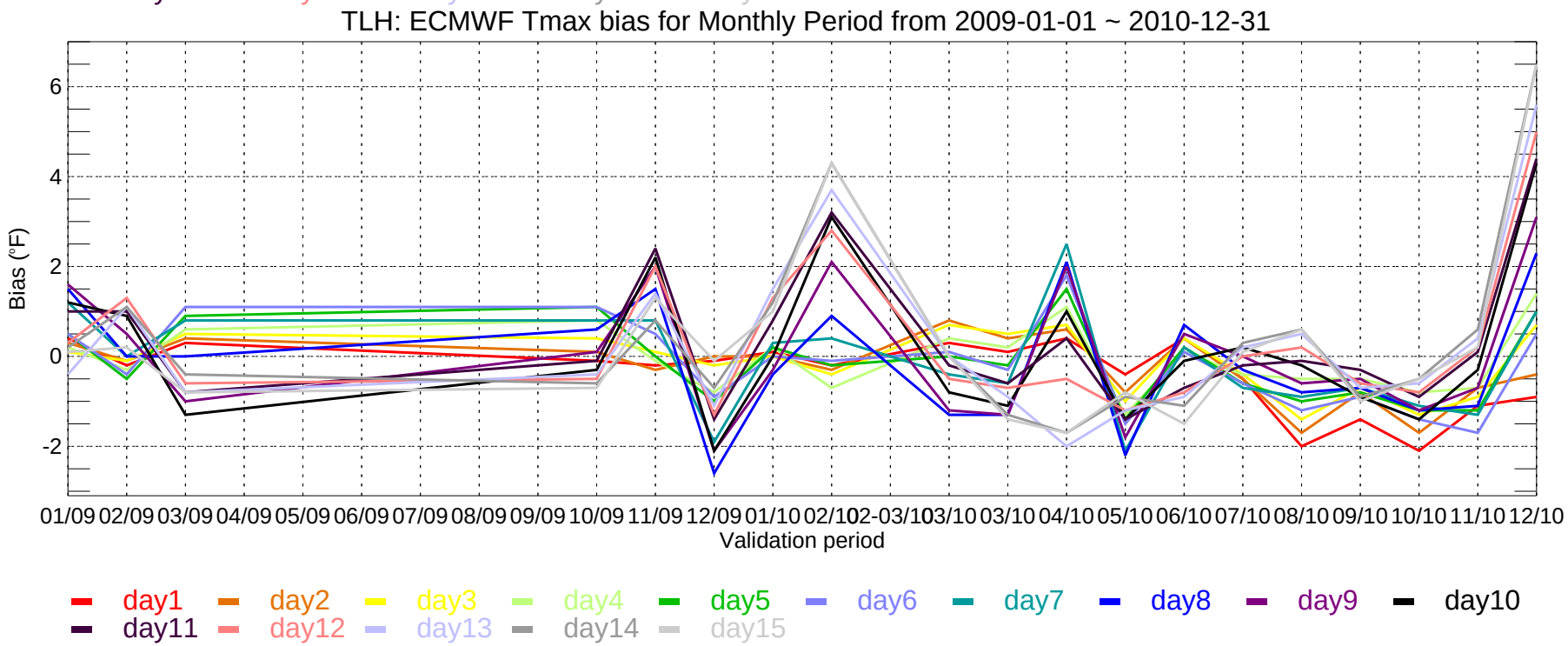

SYR: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

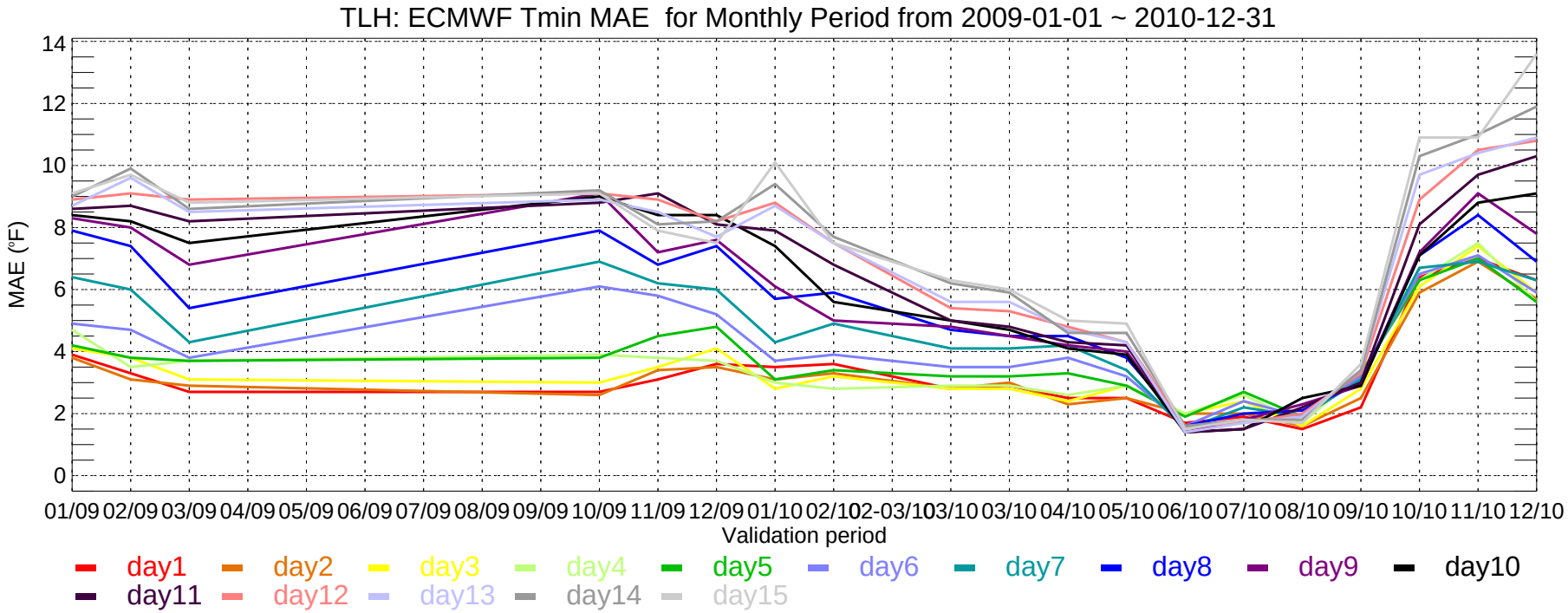

SYR: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-8
-6
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

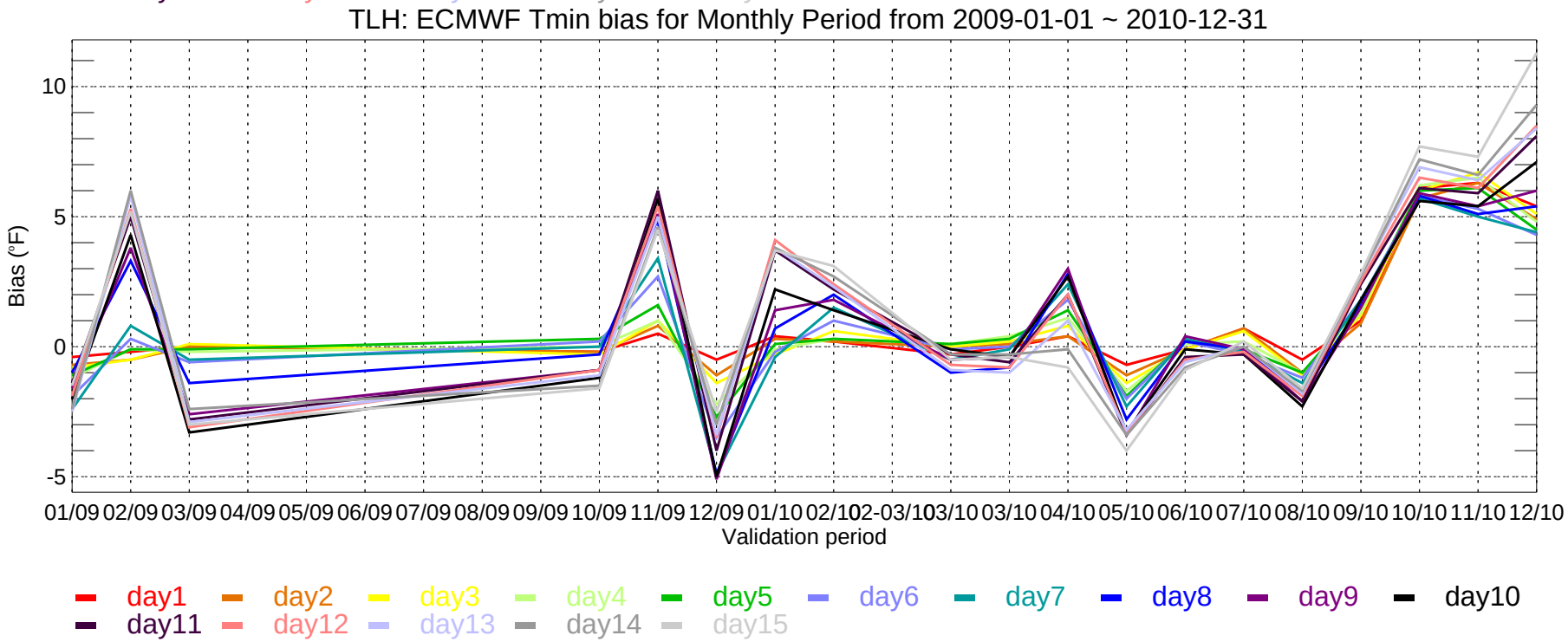

SYR: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

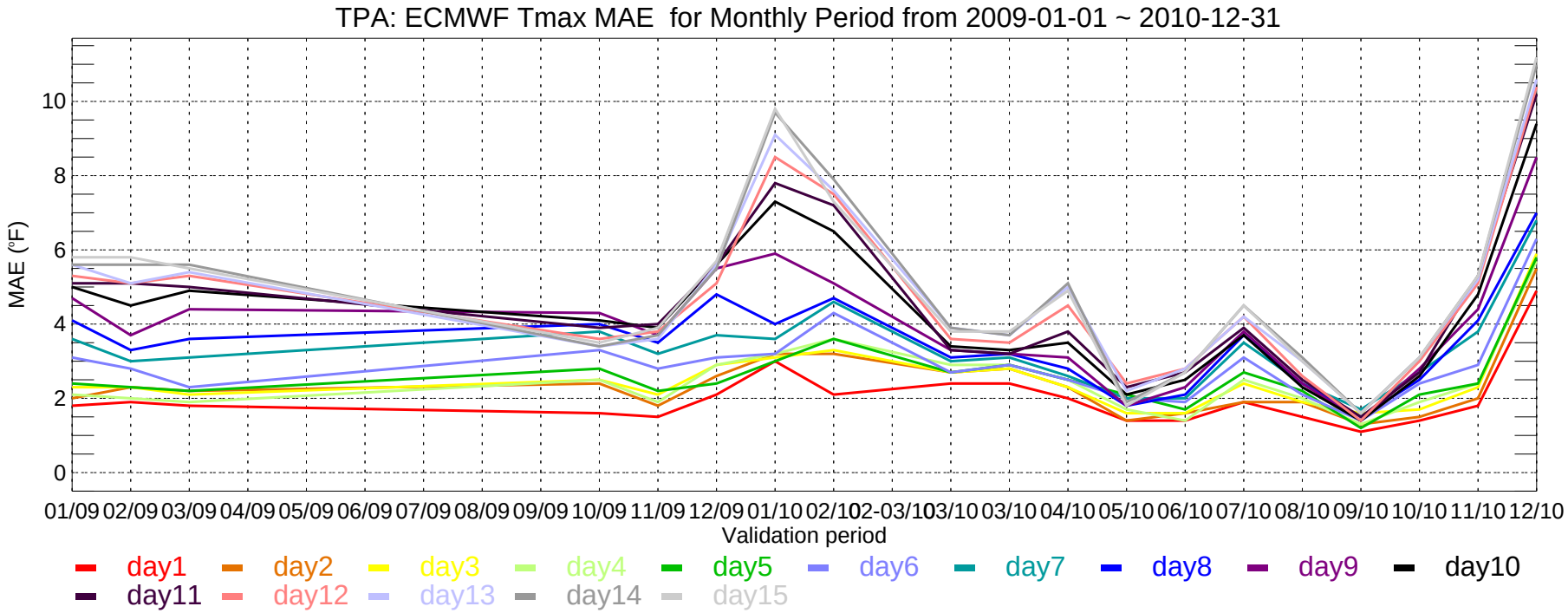

SYR: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

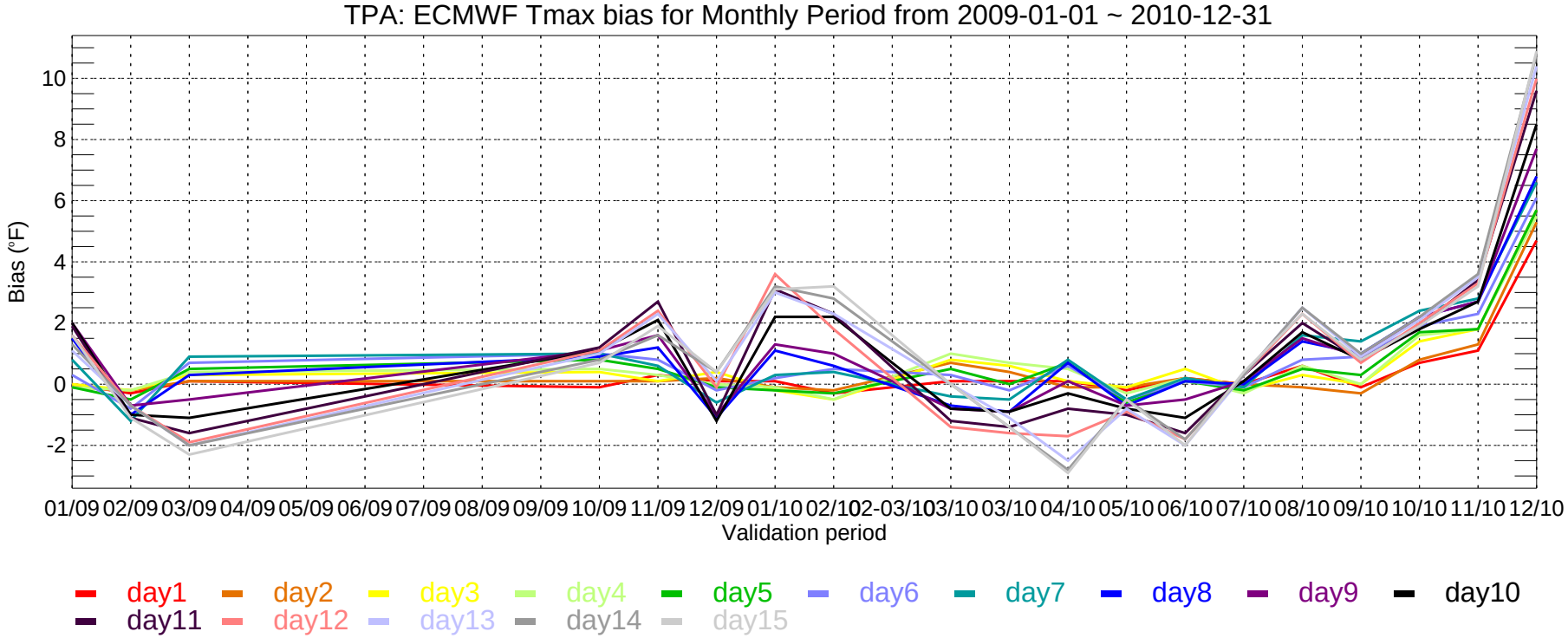

TLH: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

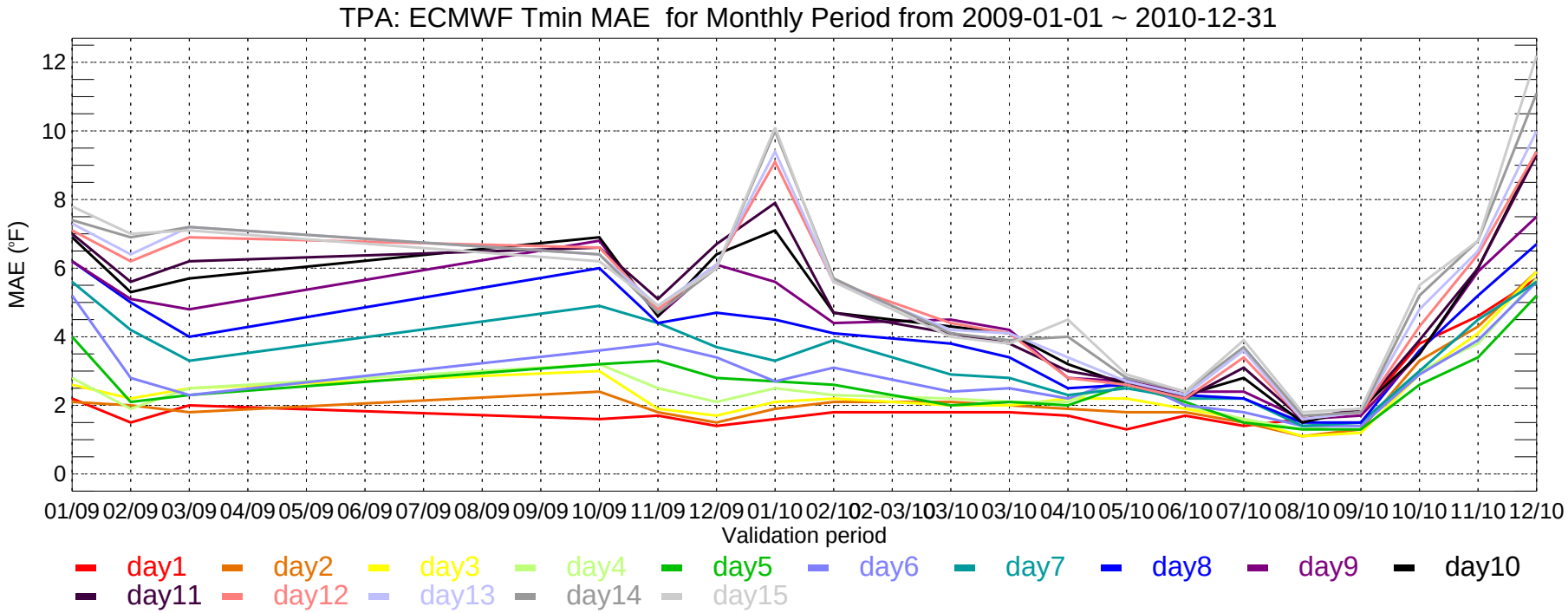

TLH: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

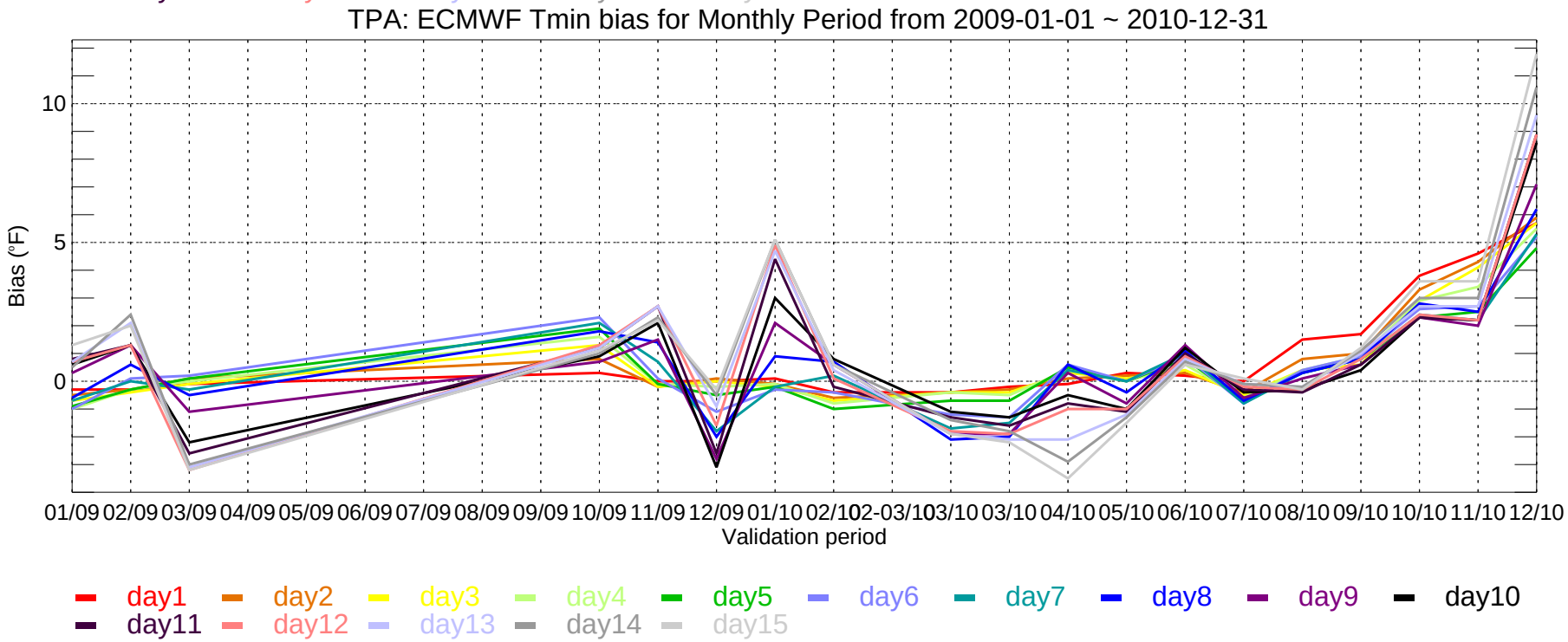

TLH: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
14
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

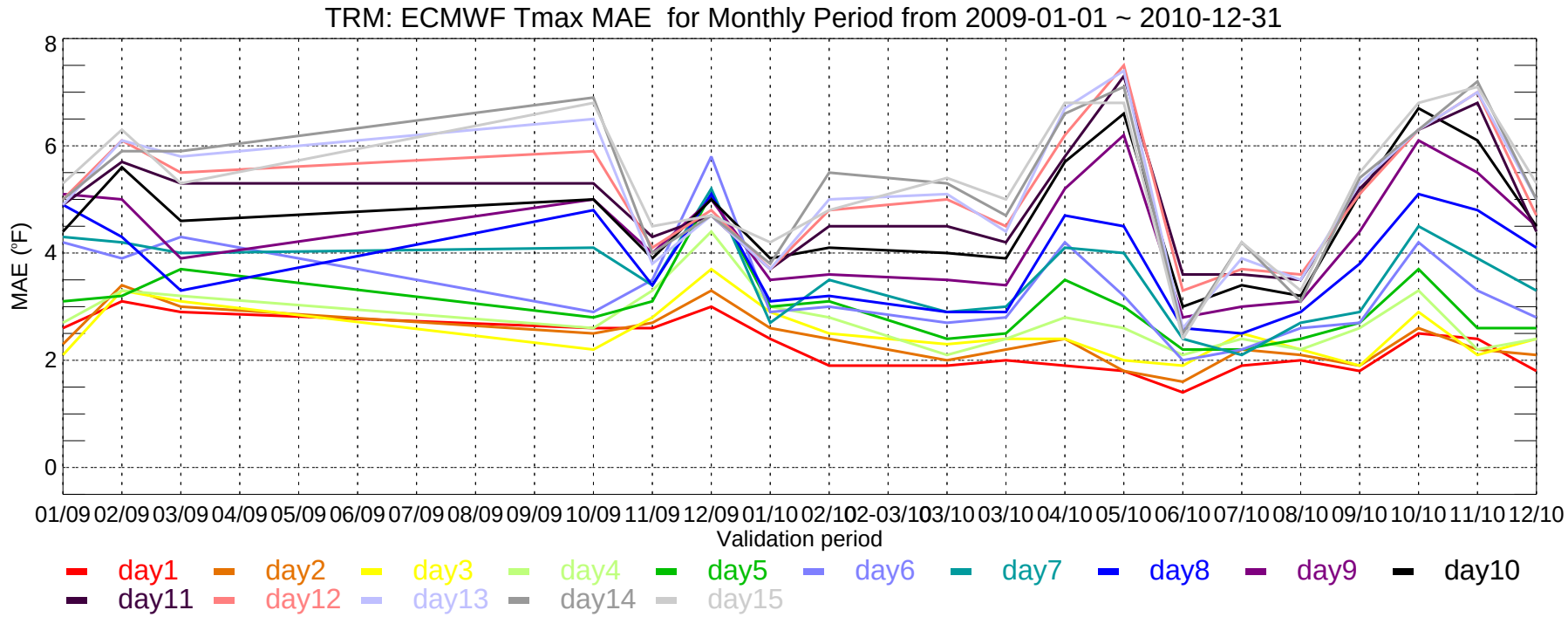

TLH: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
10
5
0
-5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

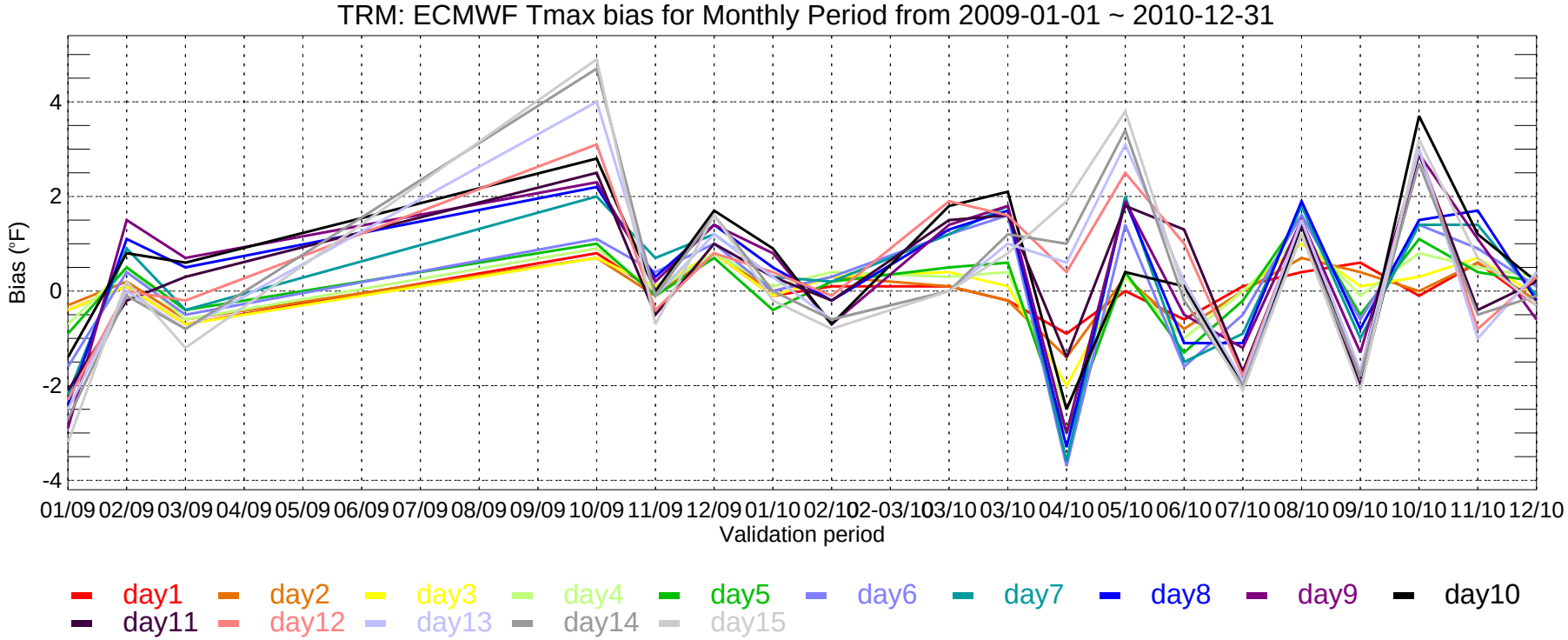

TPA: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

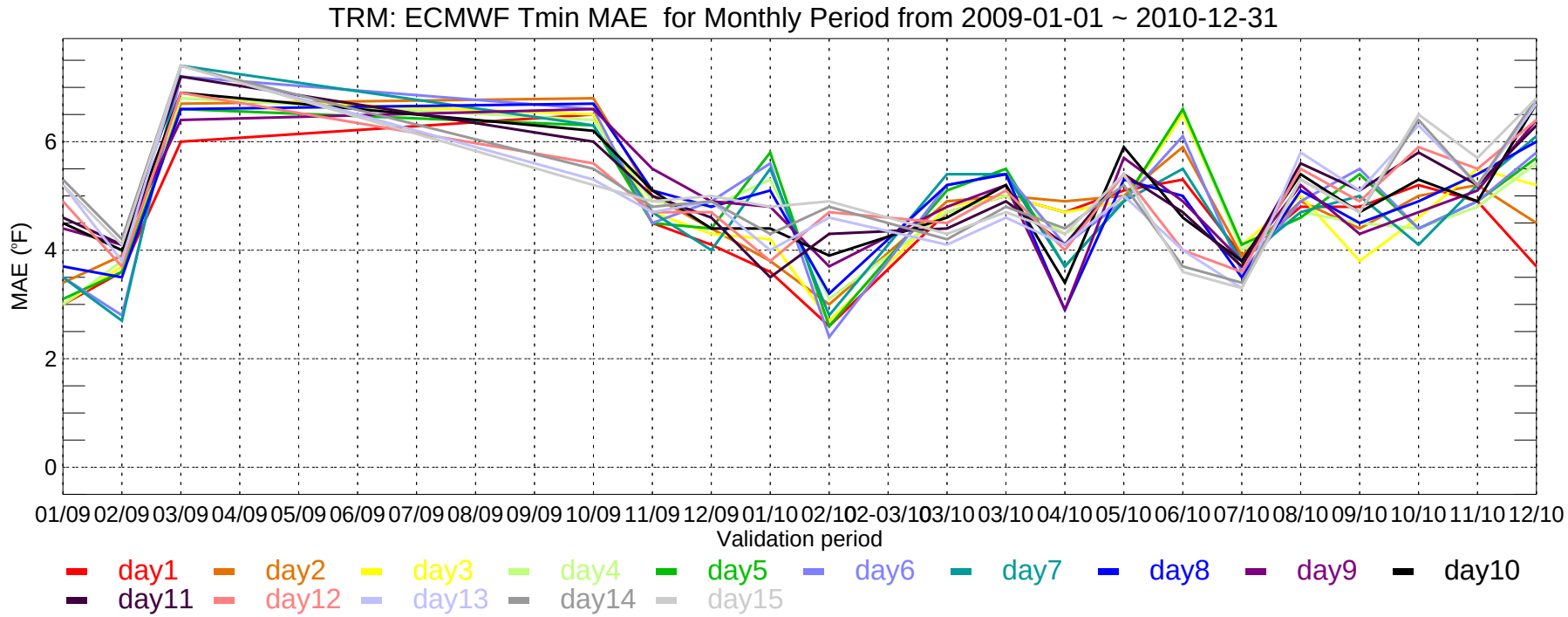

TPA: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-2
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

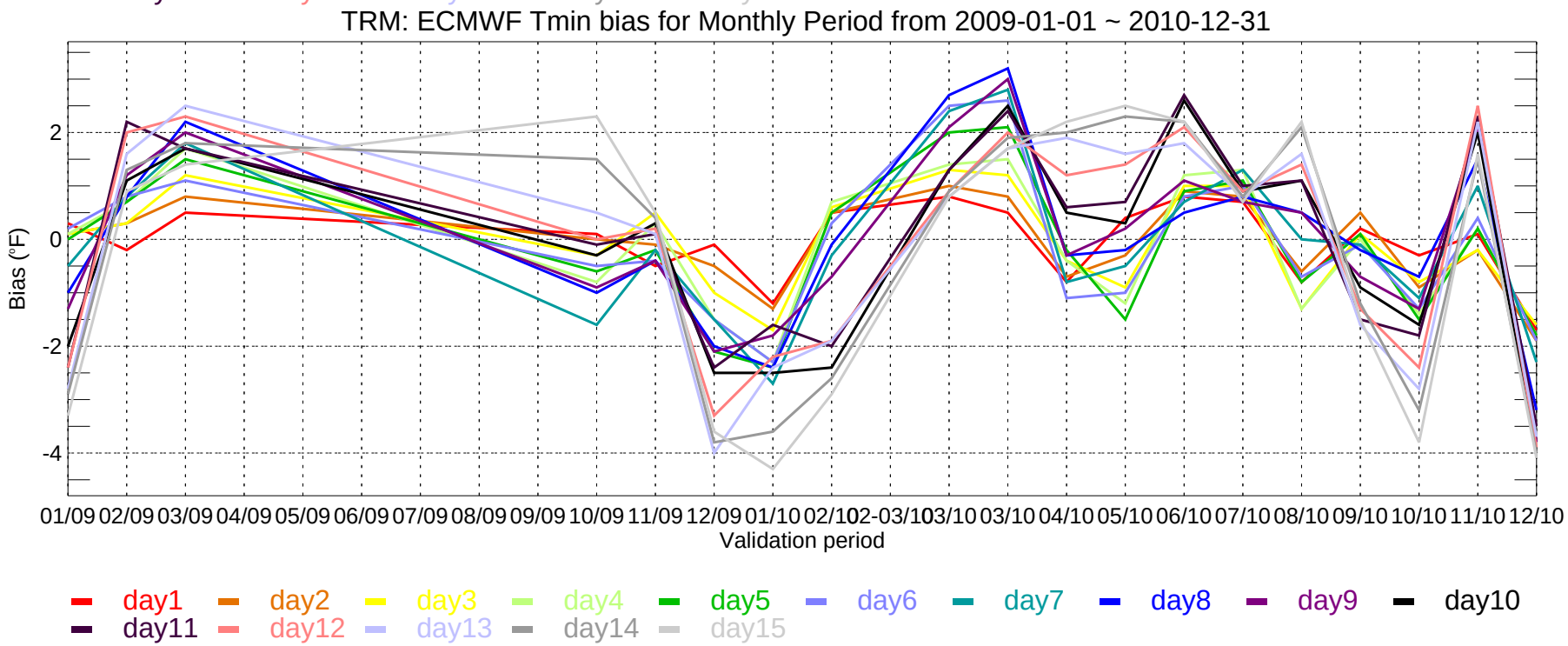

TPA: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

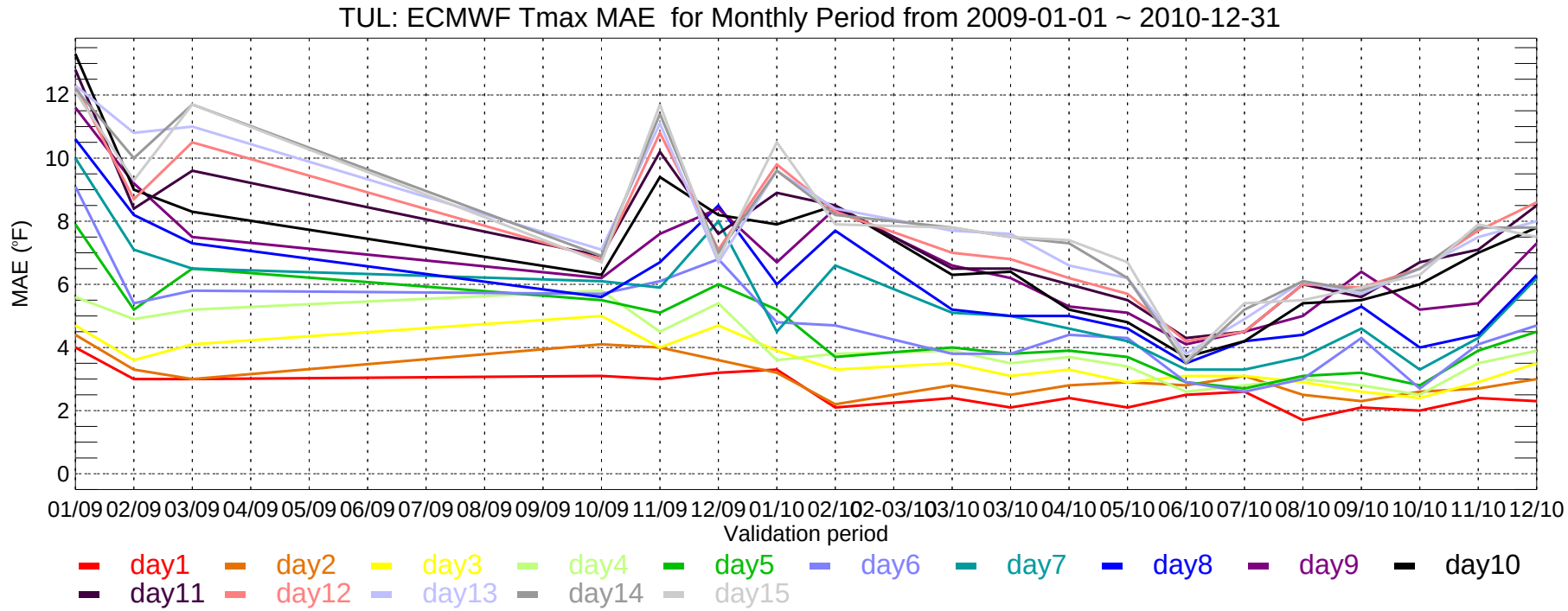

TPA: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
0
5
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

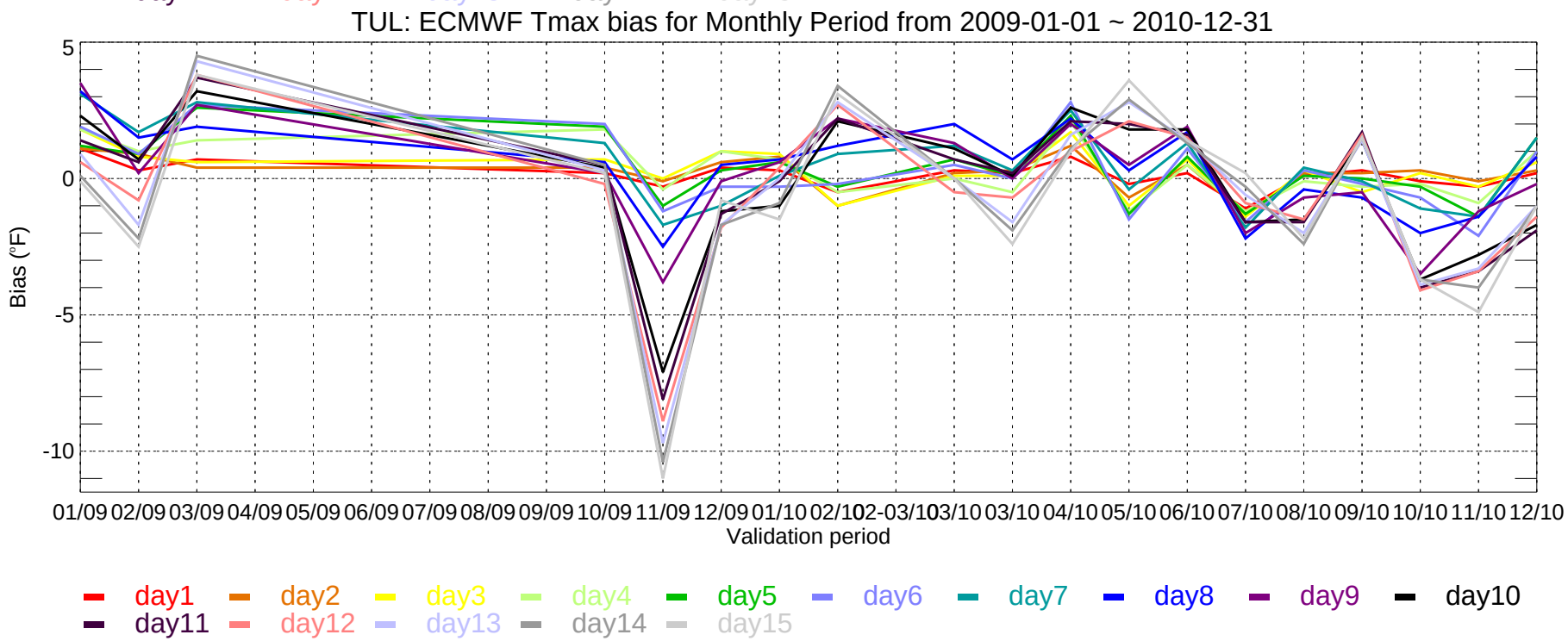

TRM: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

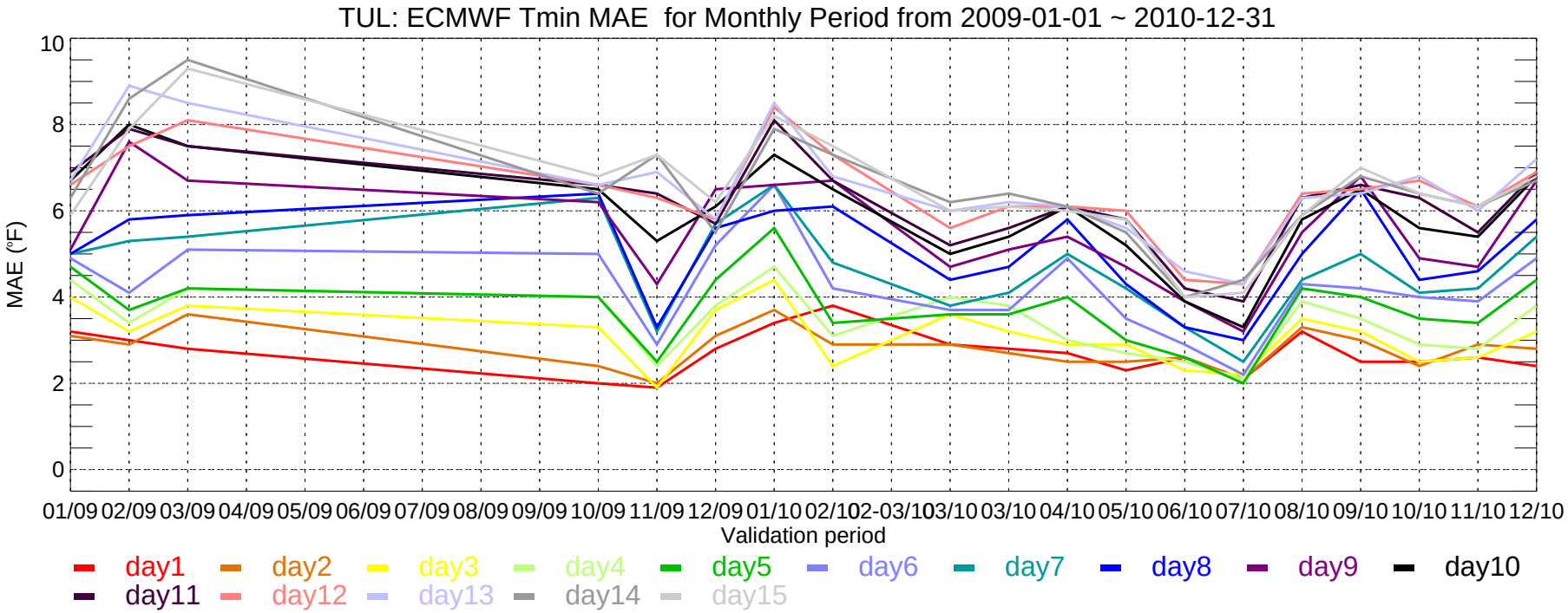

TRM: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

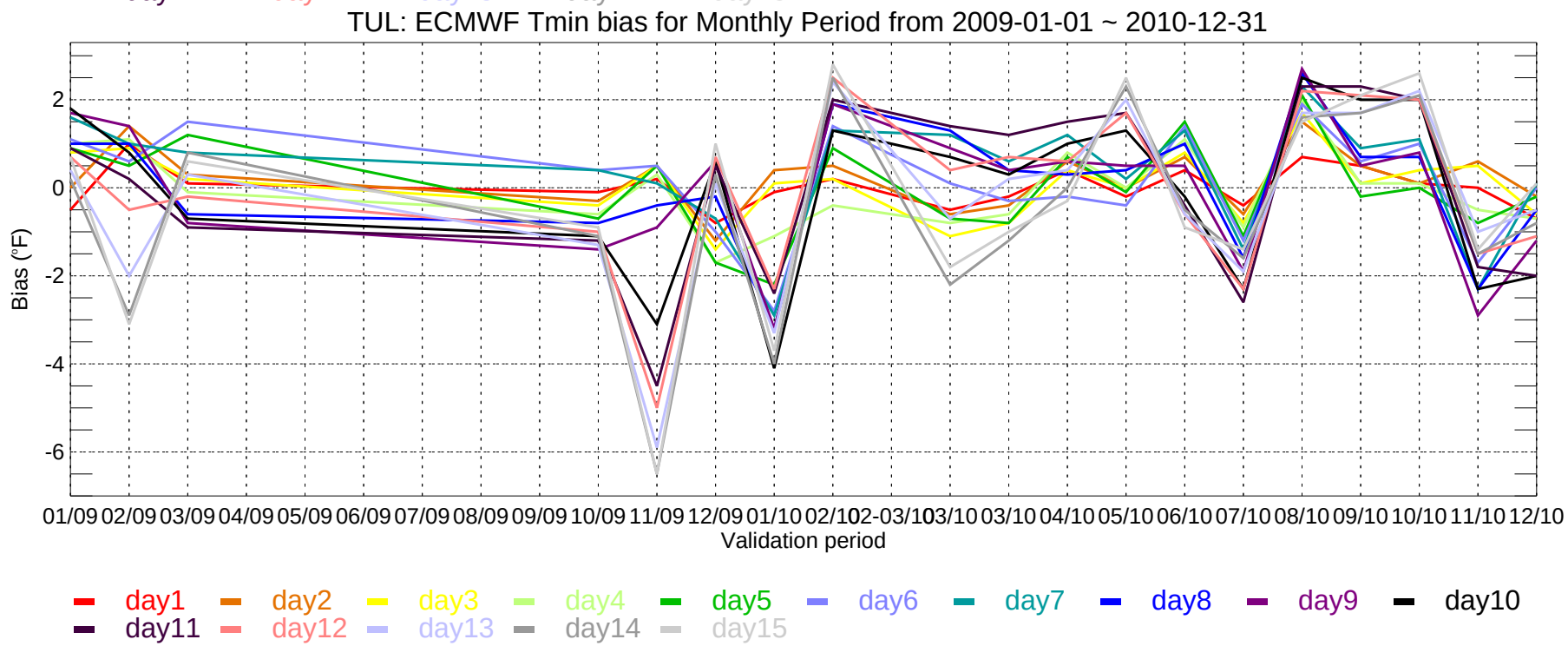

TRM: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

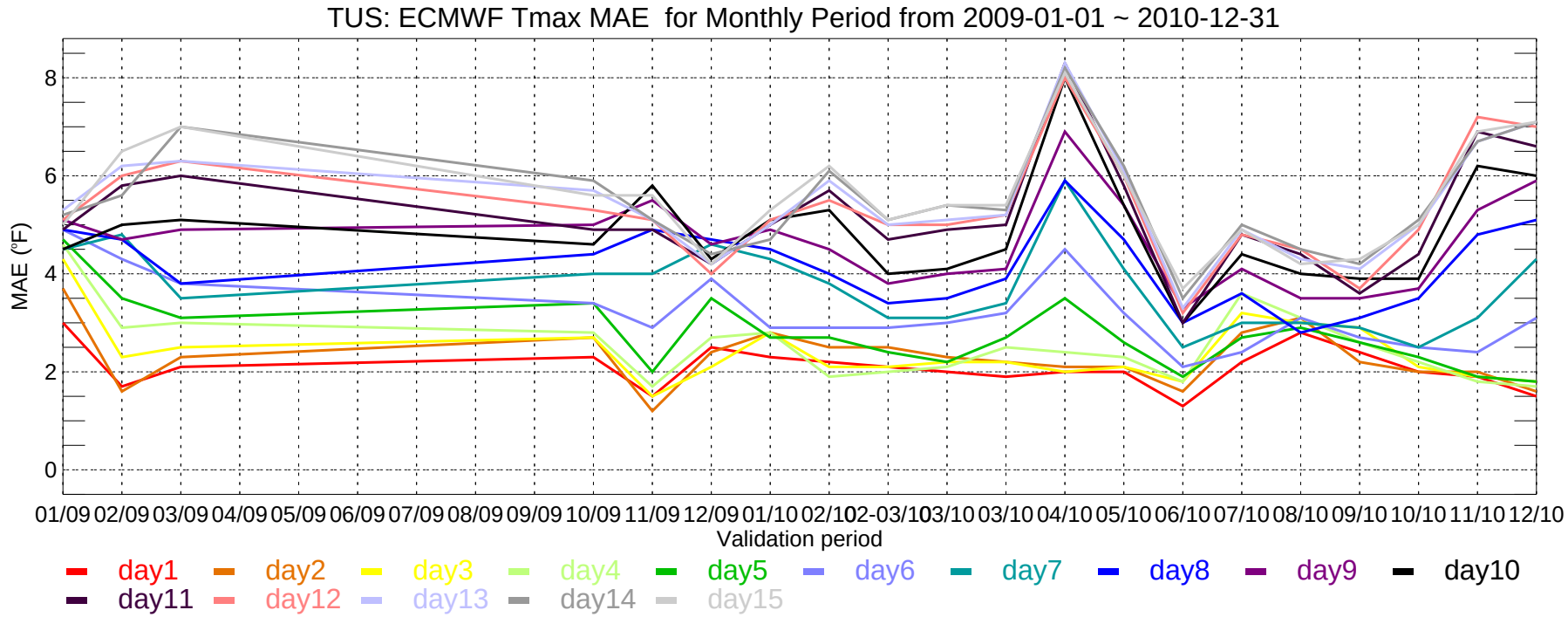

TRM: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

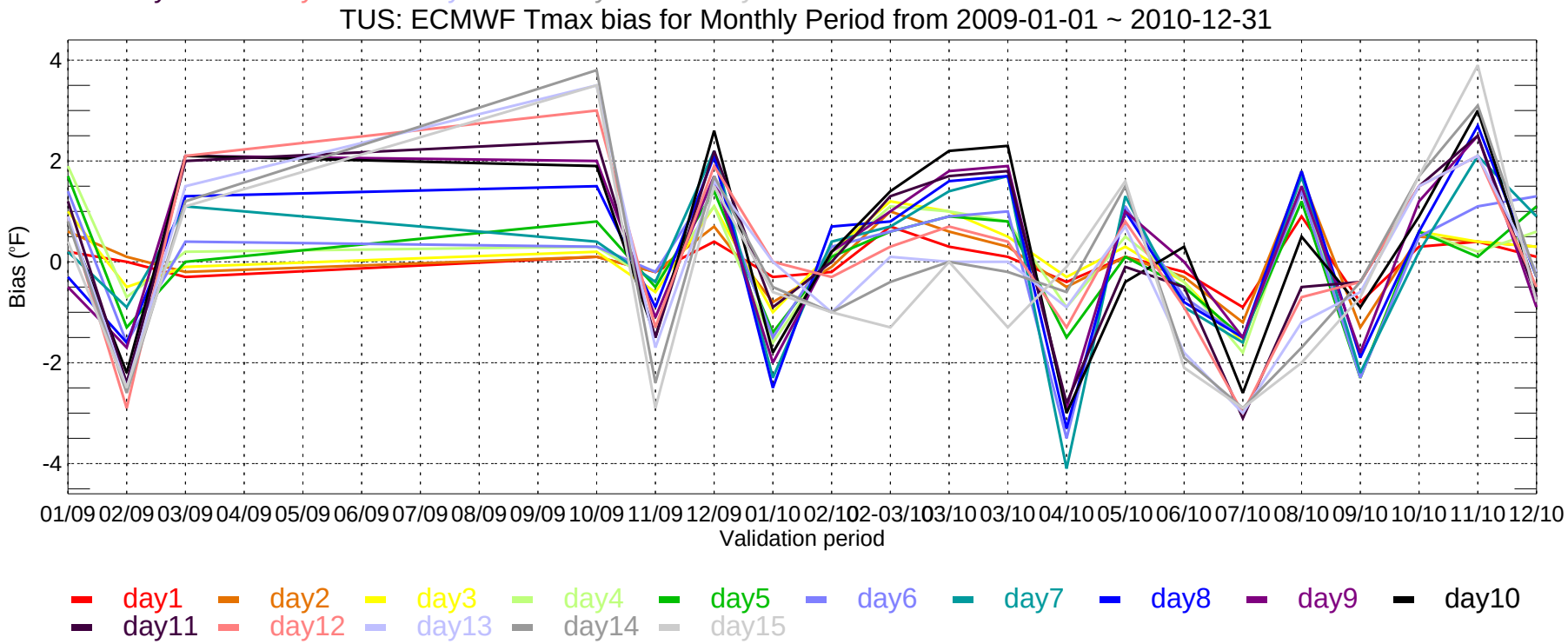

TUL: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

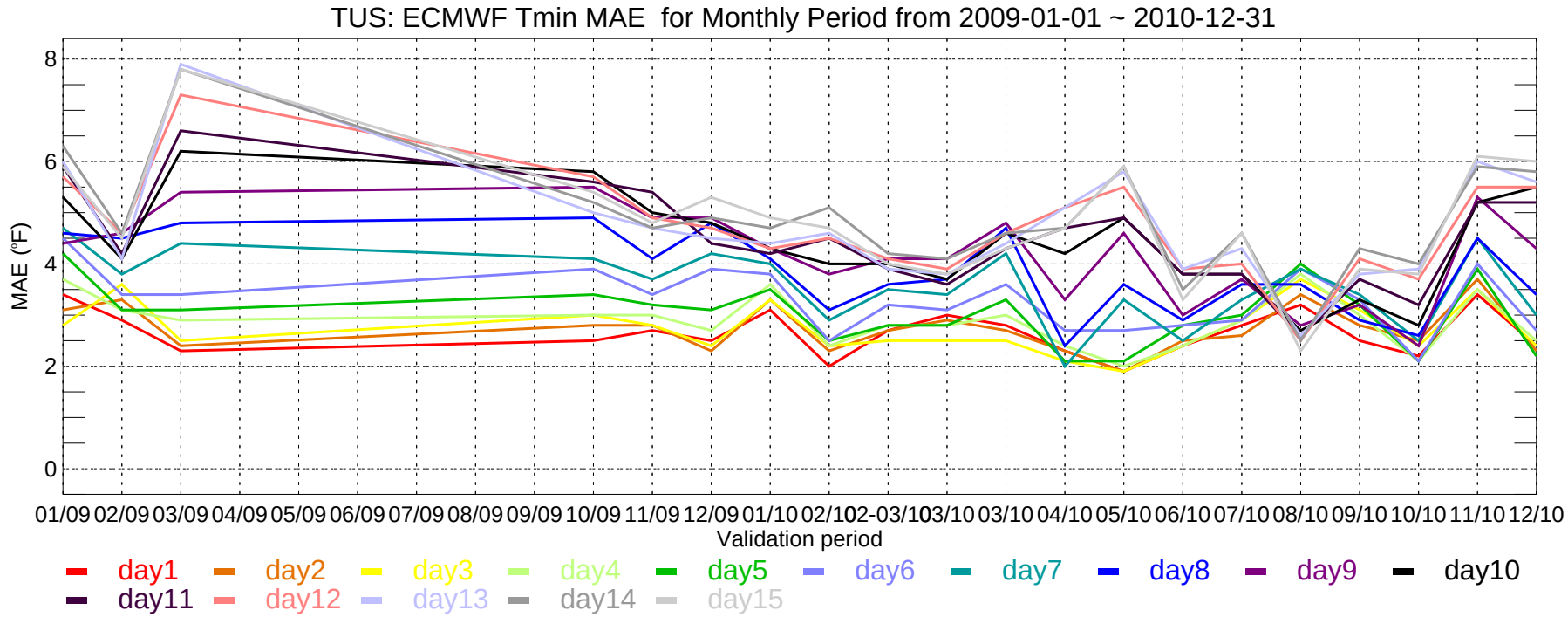

TUL: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

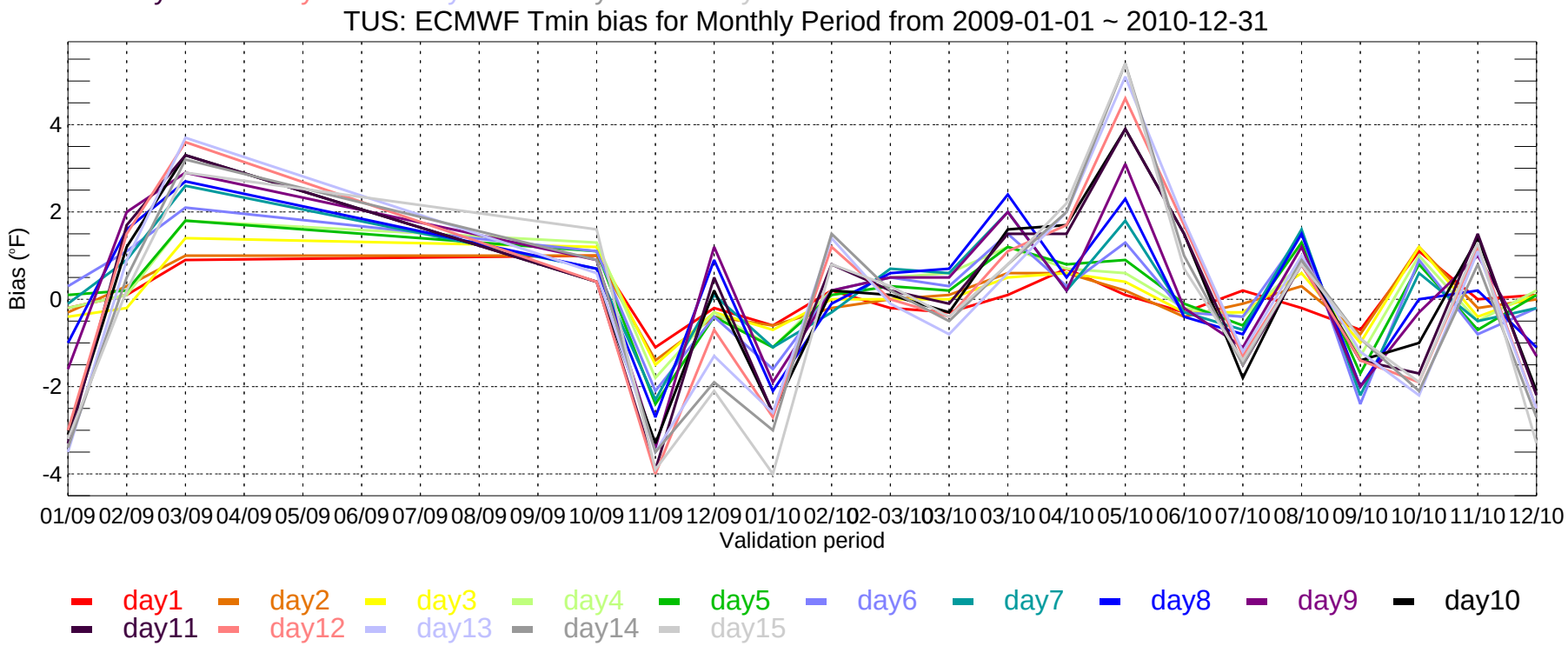

TUL: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

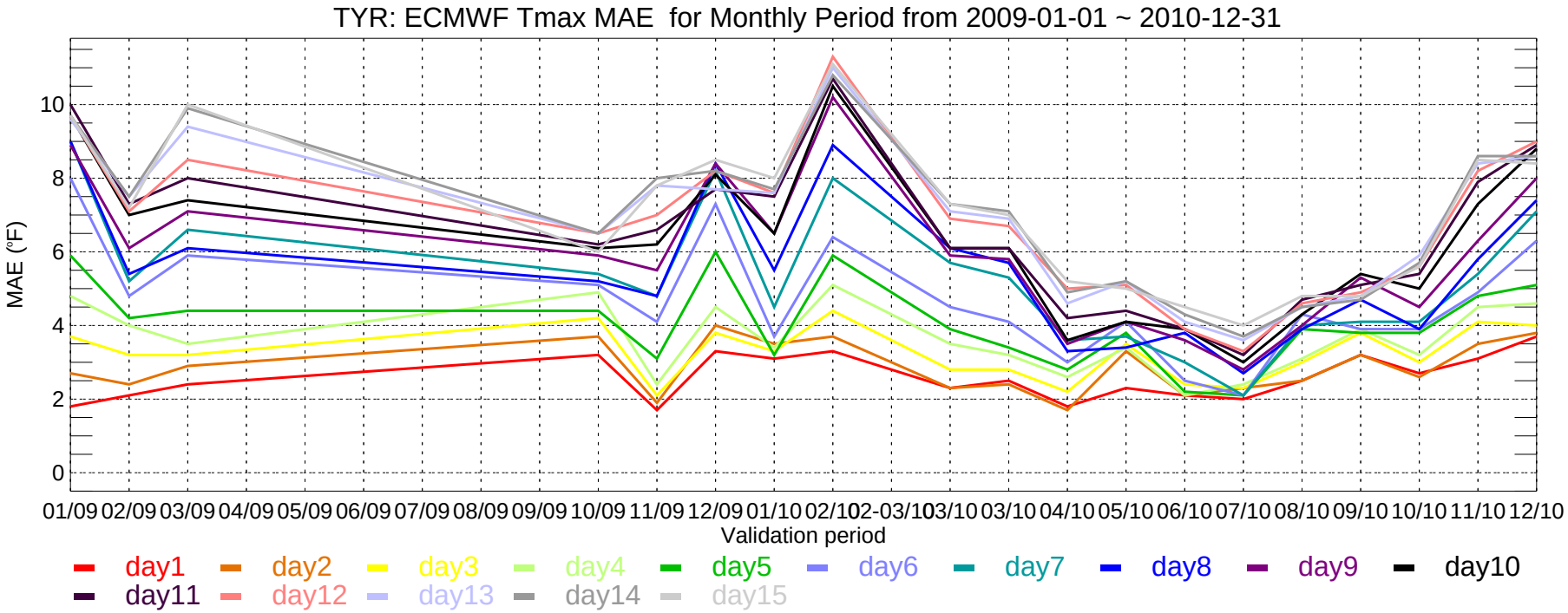

TUL: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

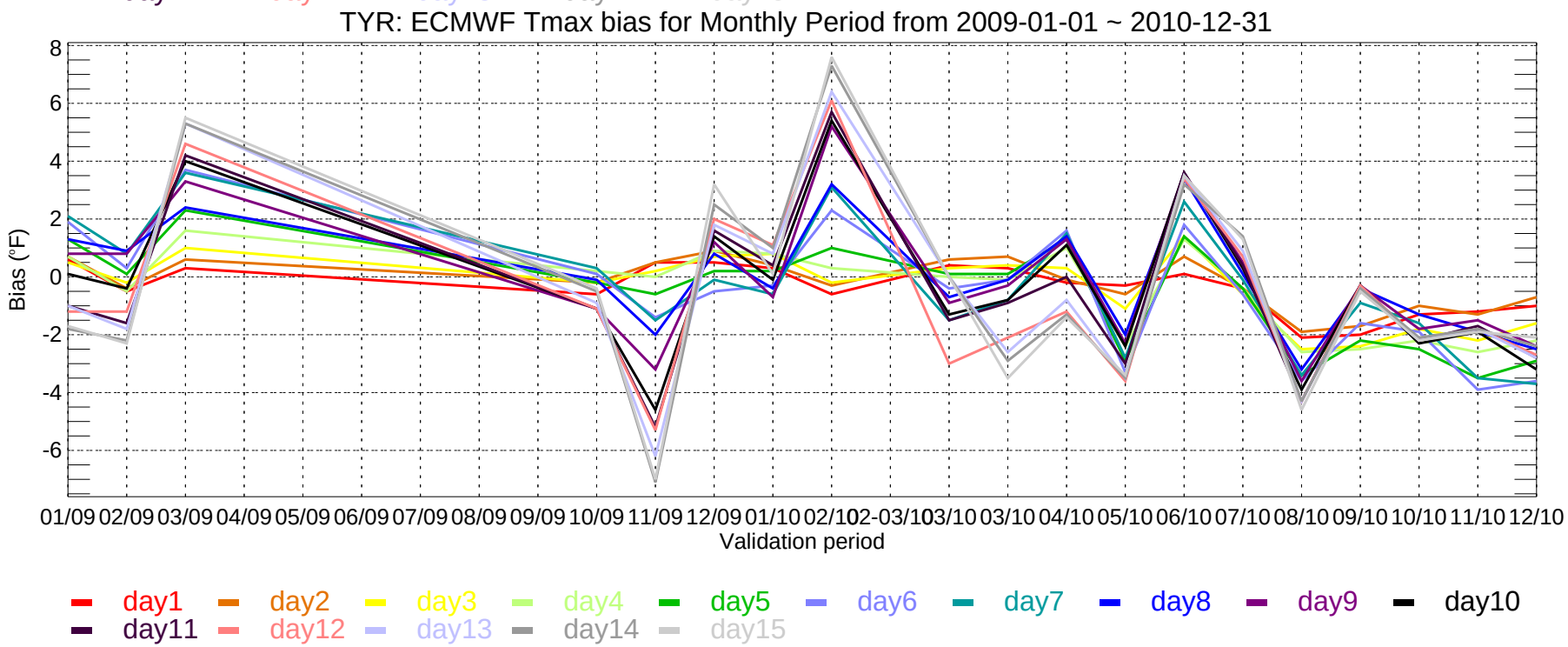

TUS: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

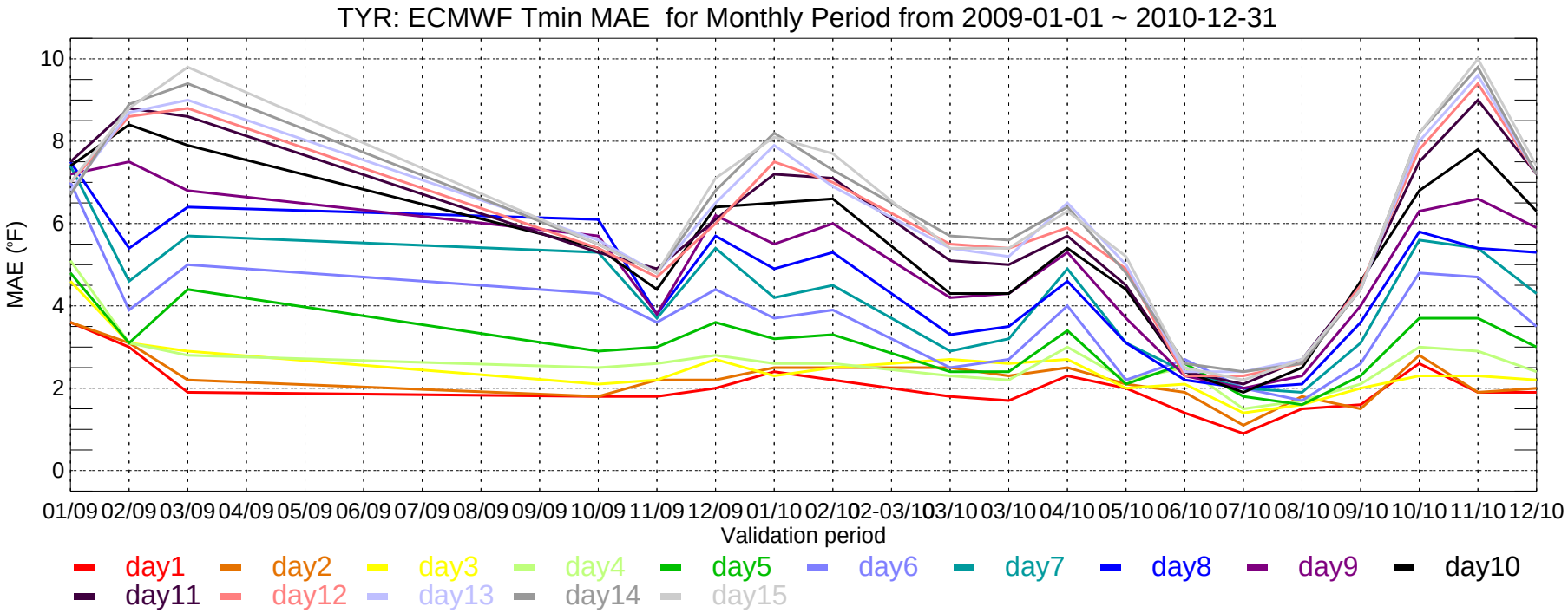

TUS: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

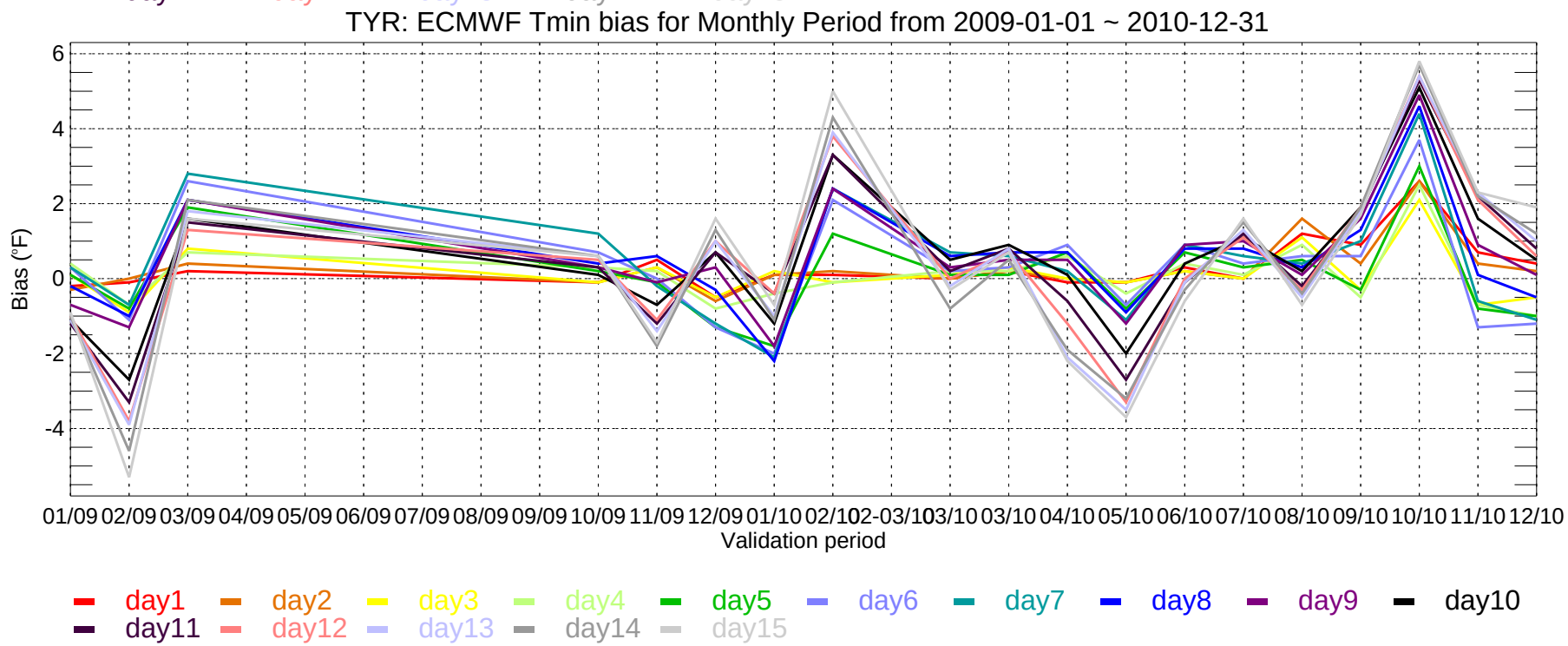

TUS: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

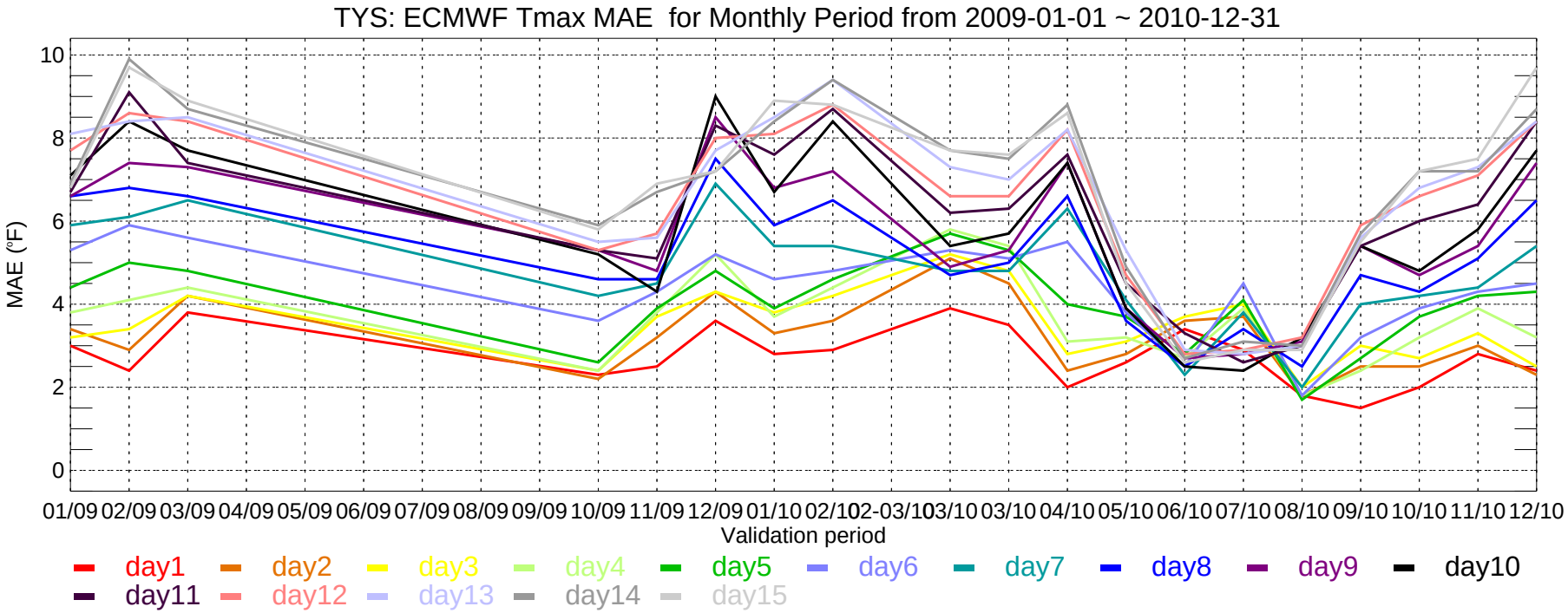

TUS: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

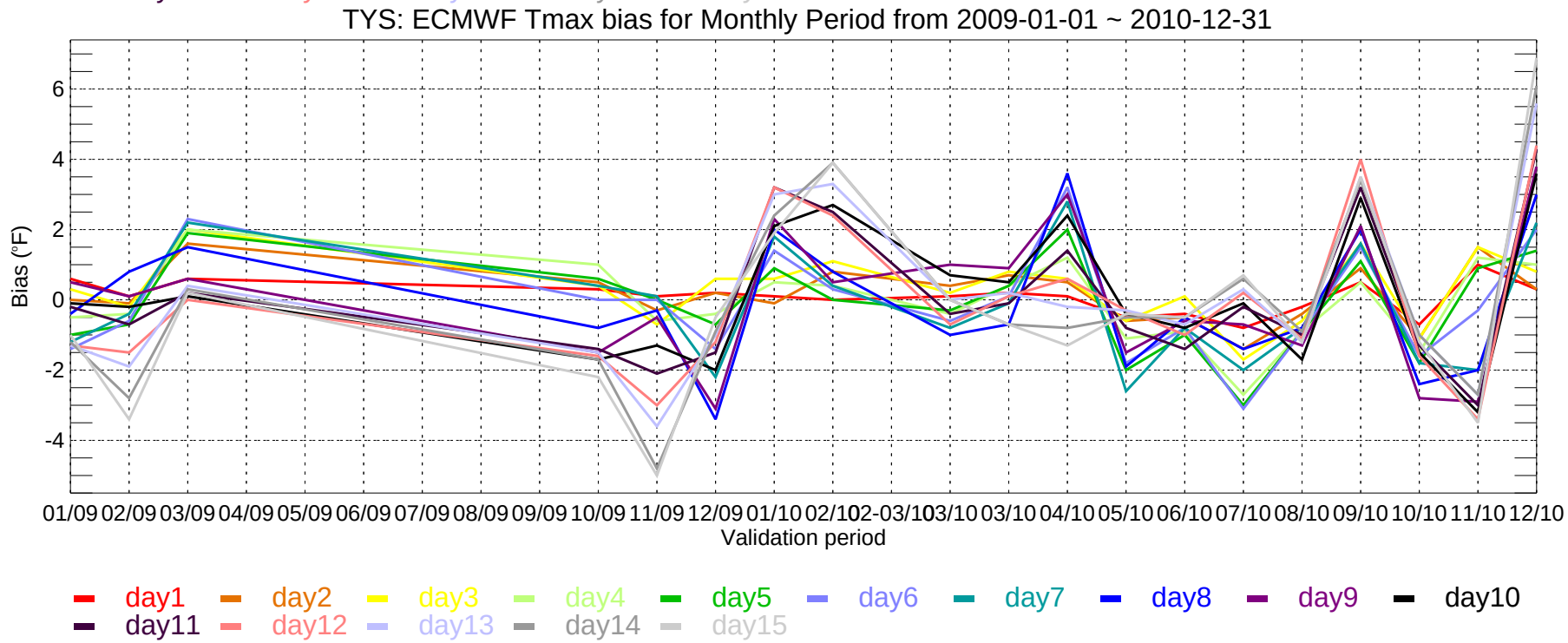

TYR: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

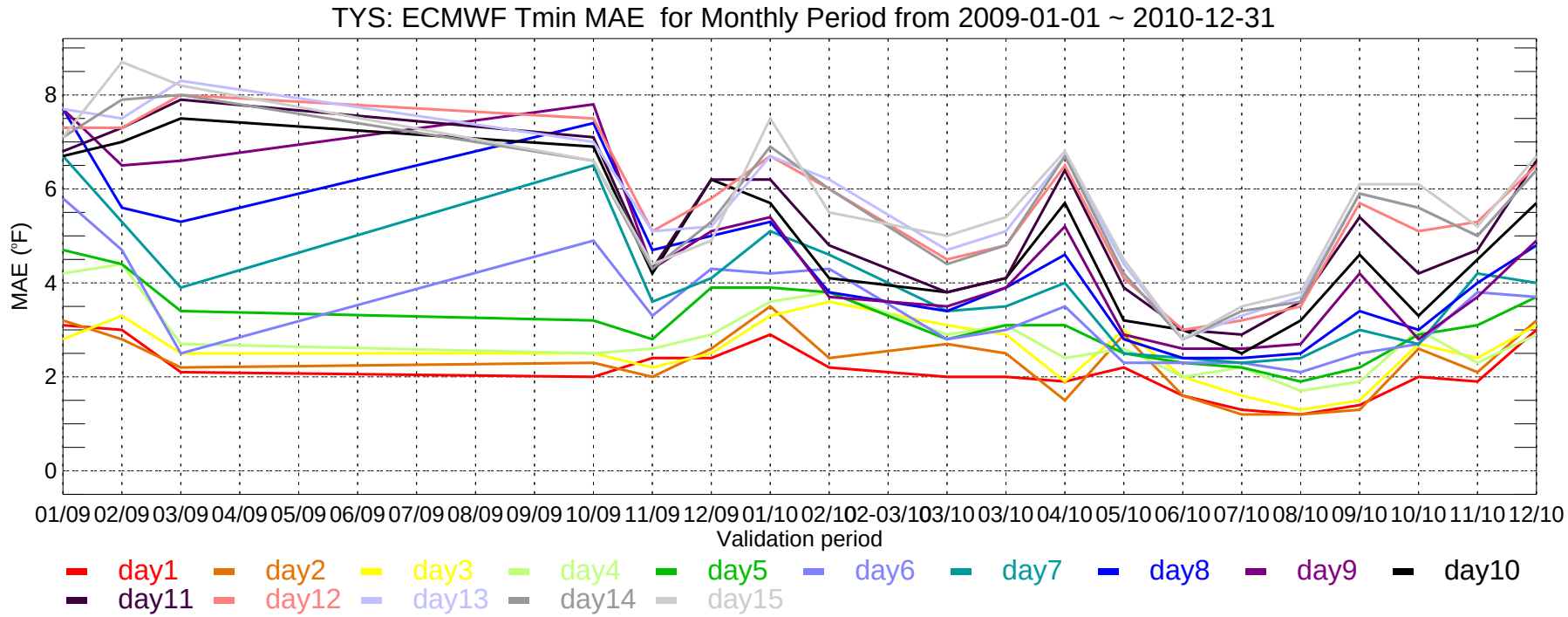

TYR: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

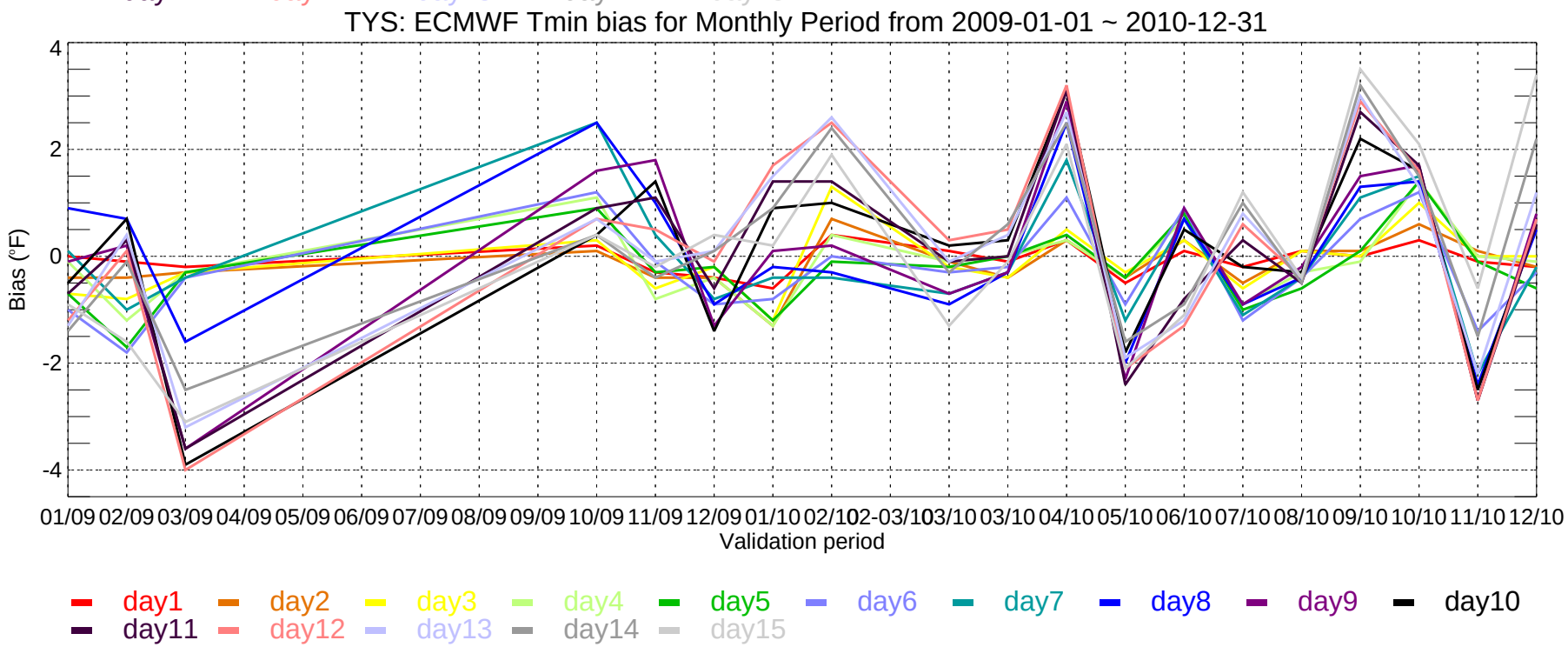

TYR: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

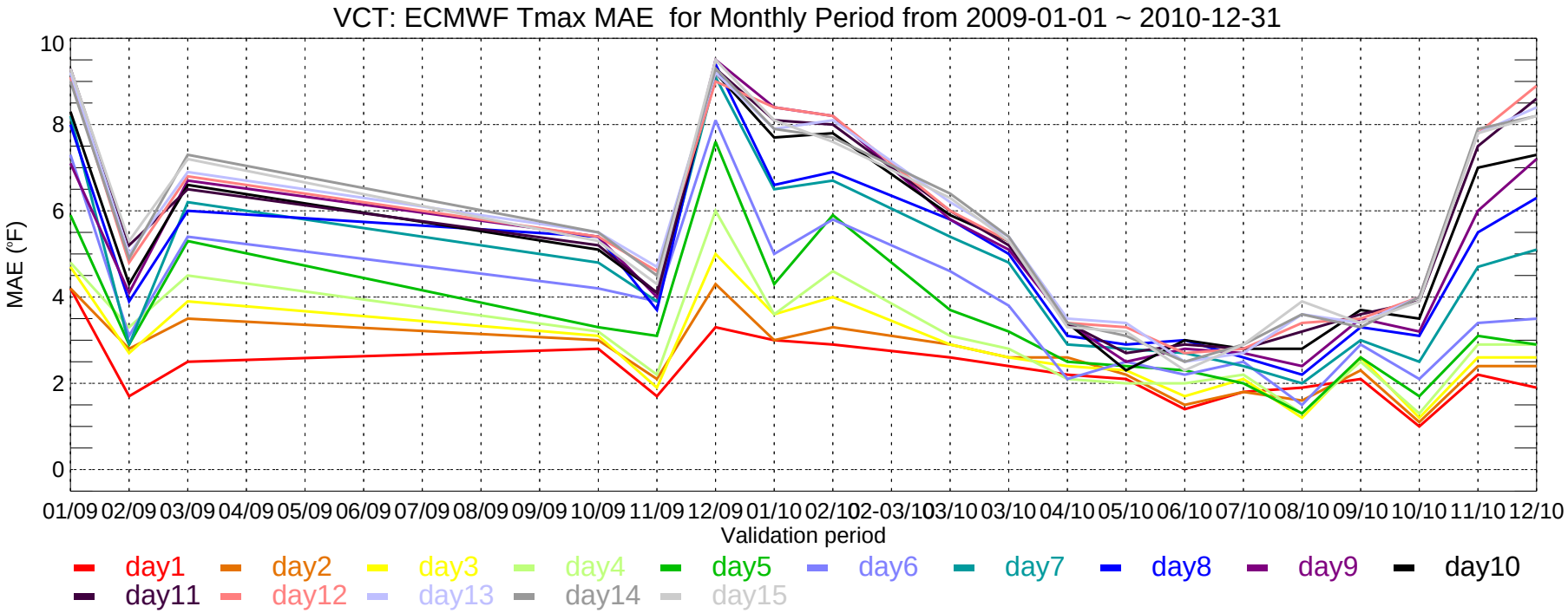

TYR: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

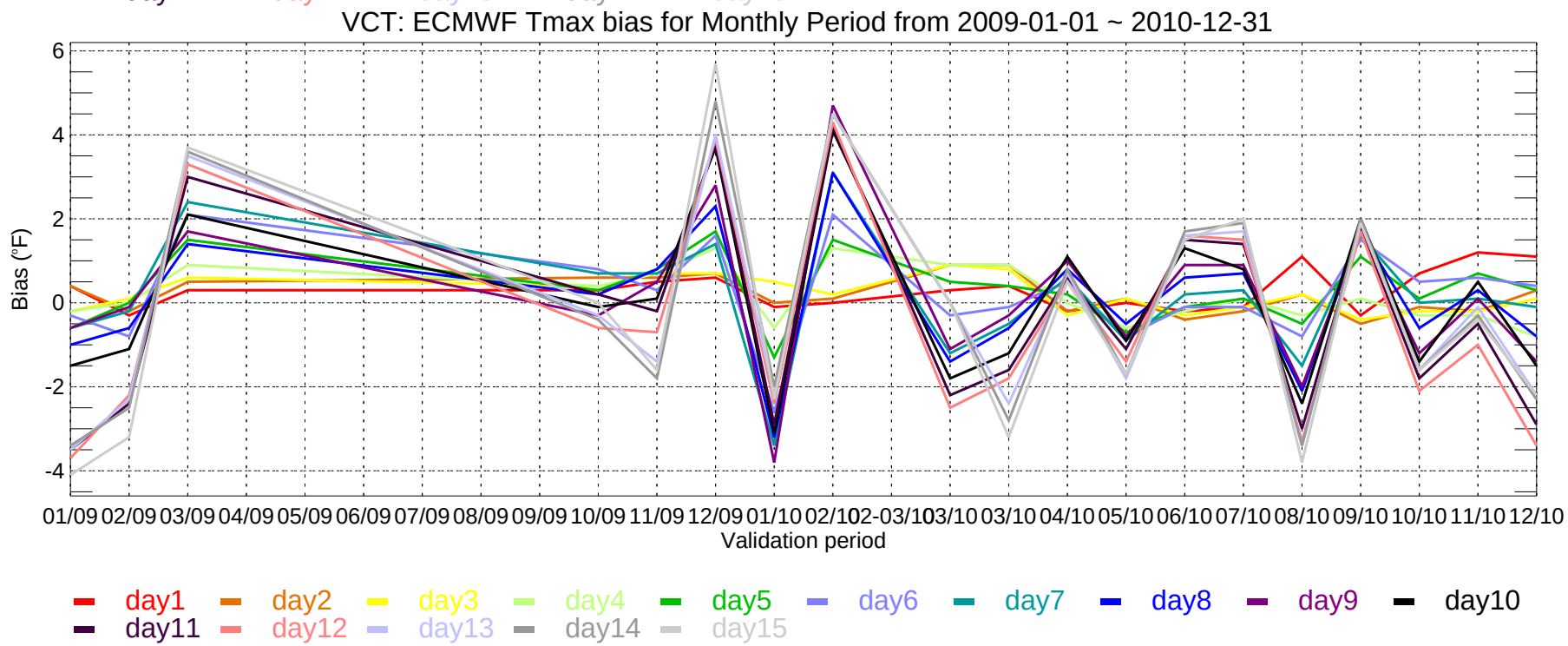

TYS: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

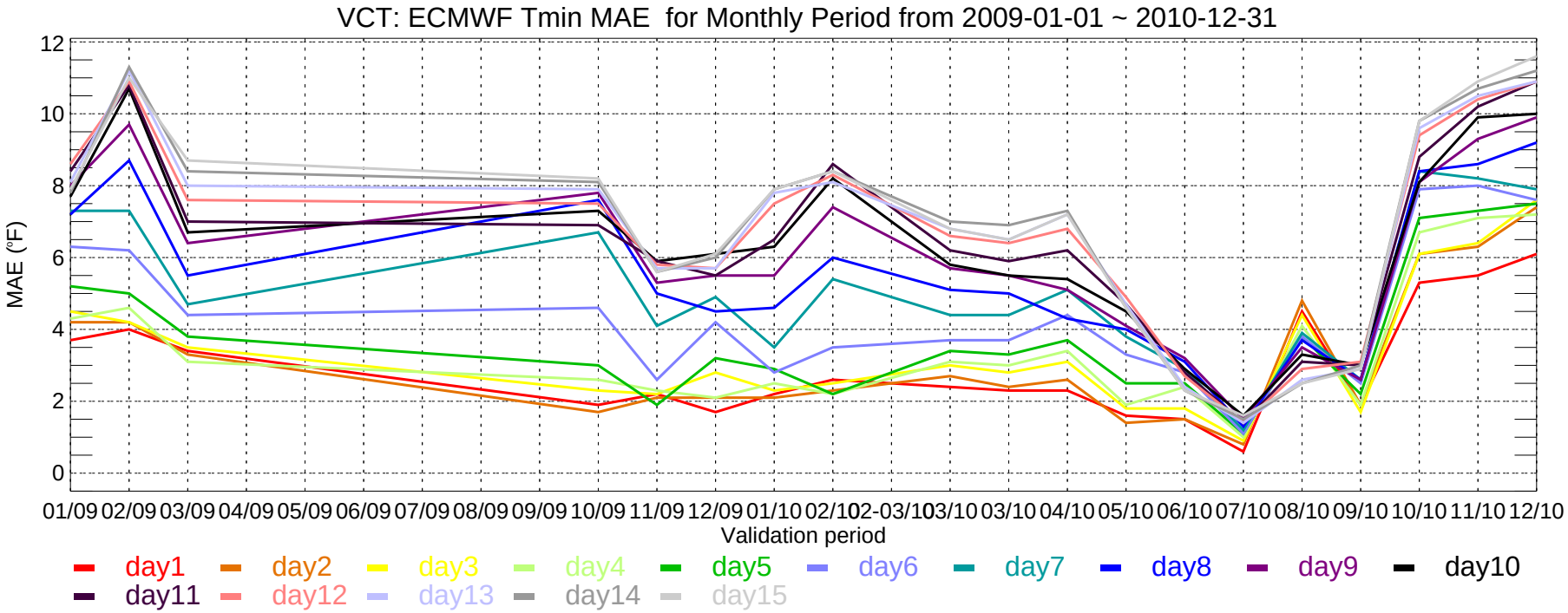

TYS: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

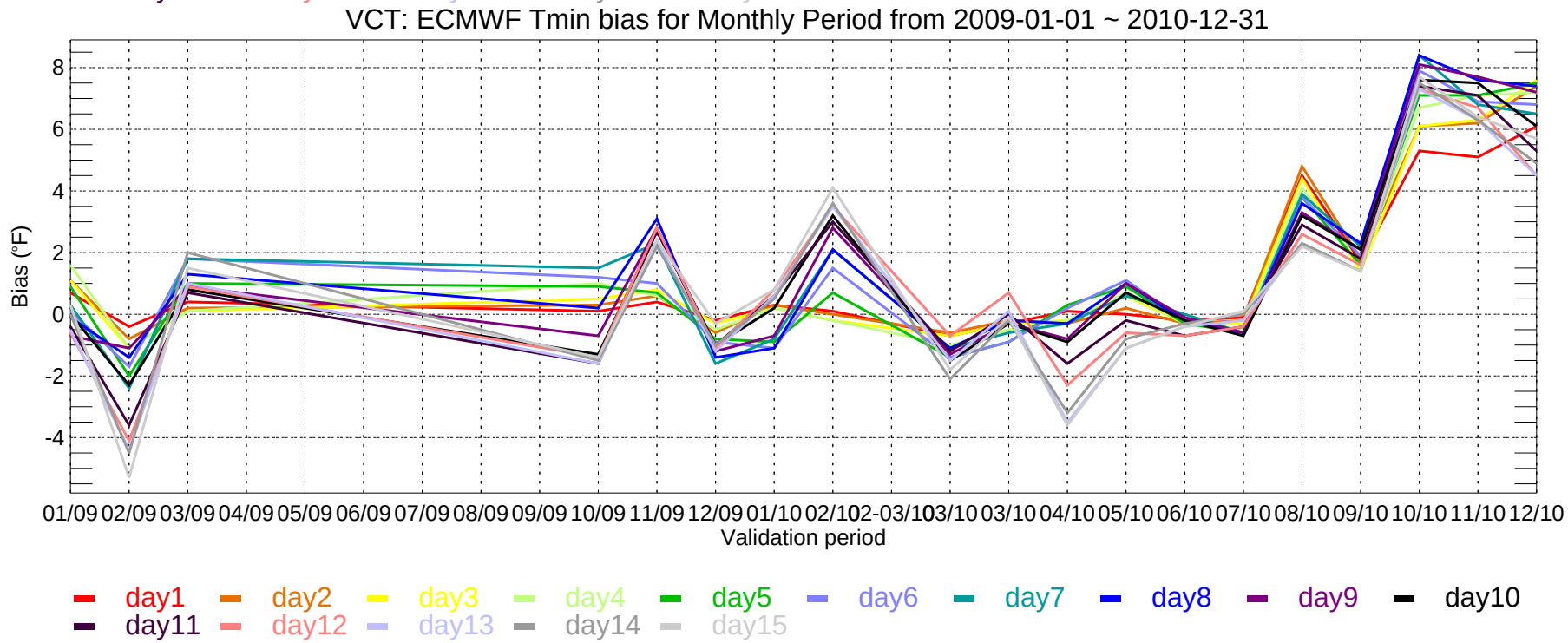

TYS: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

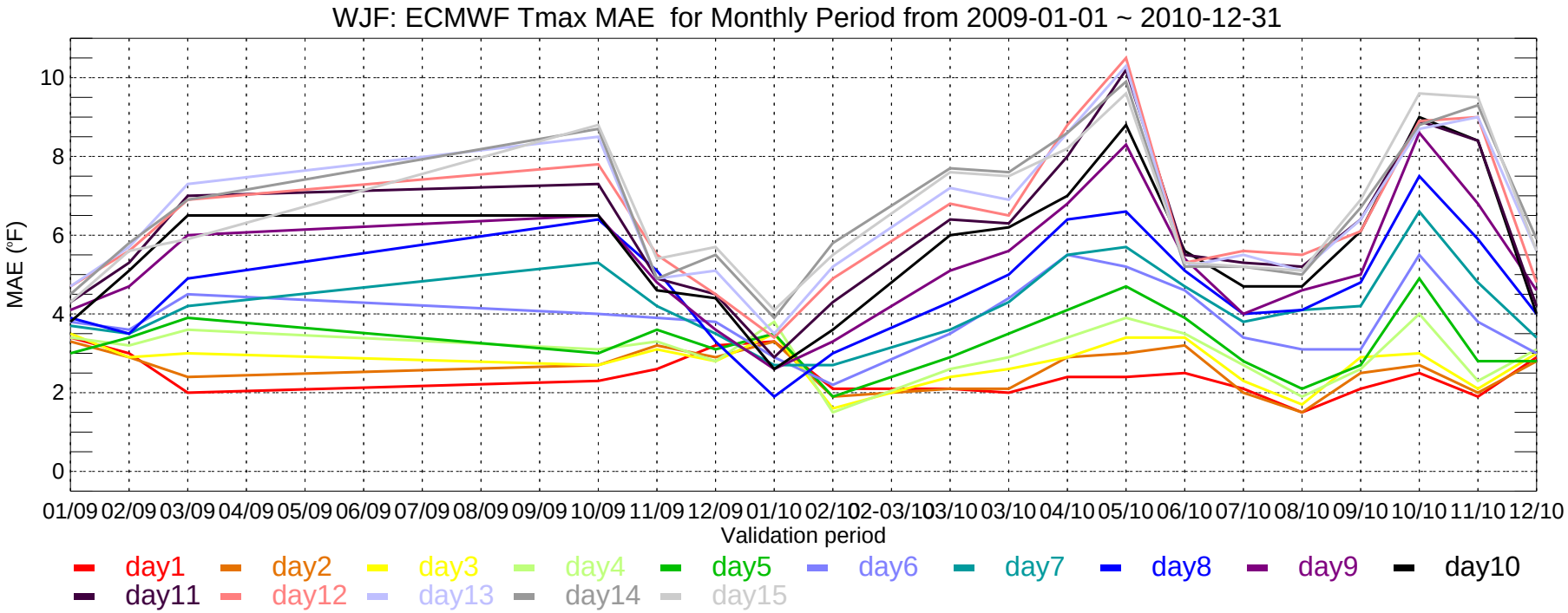

TYS: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

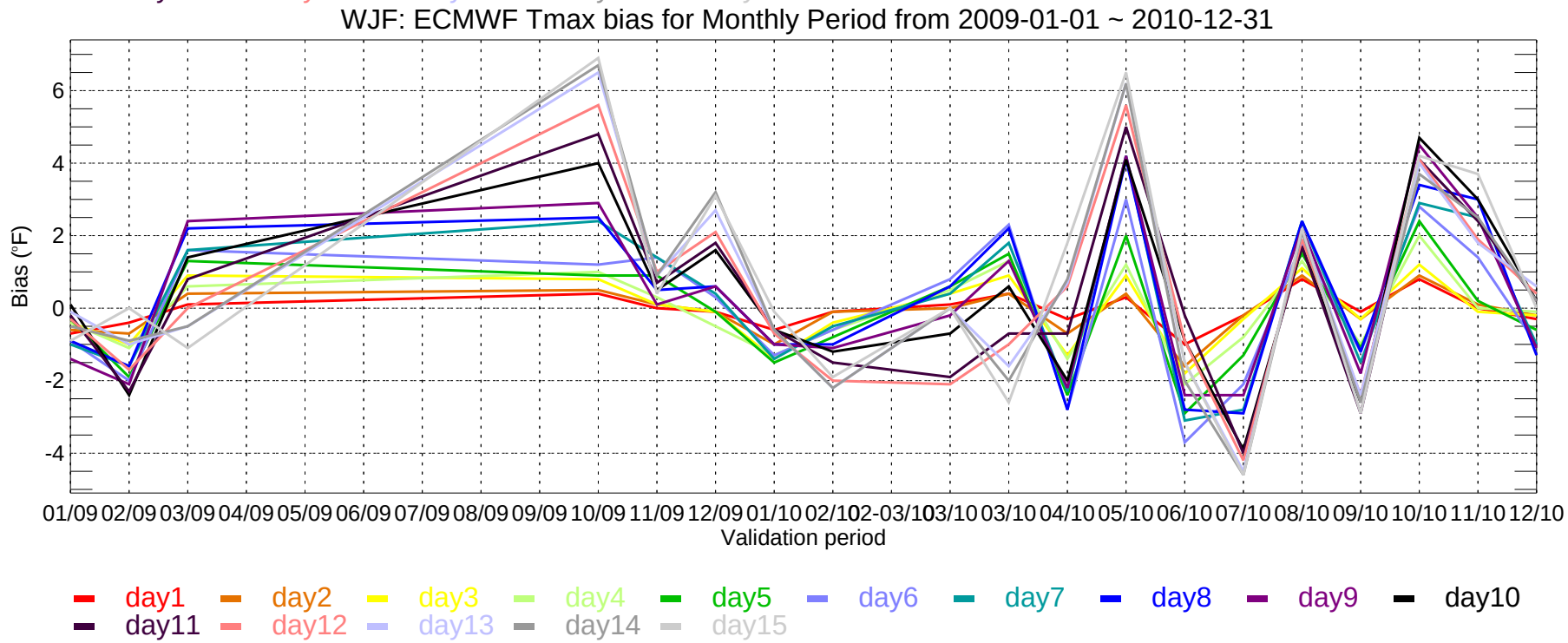

VCT: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

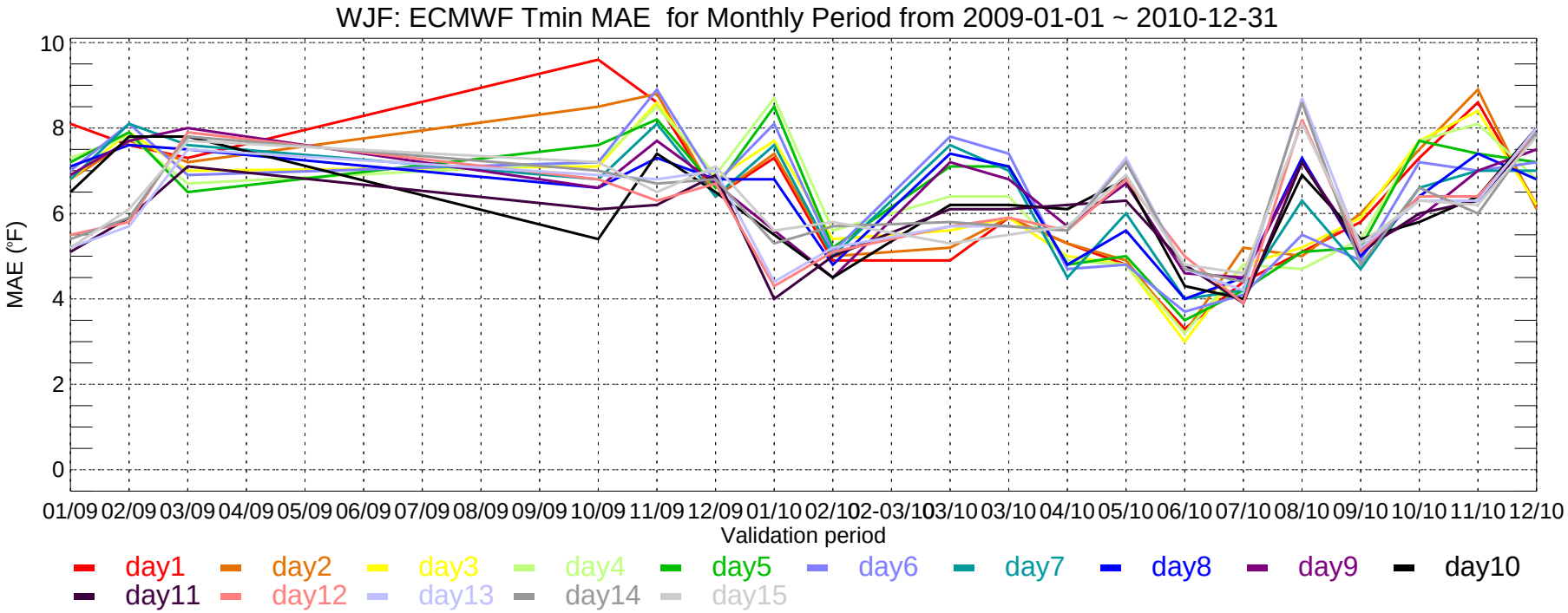

VCT: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

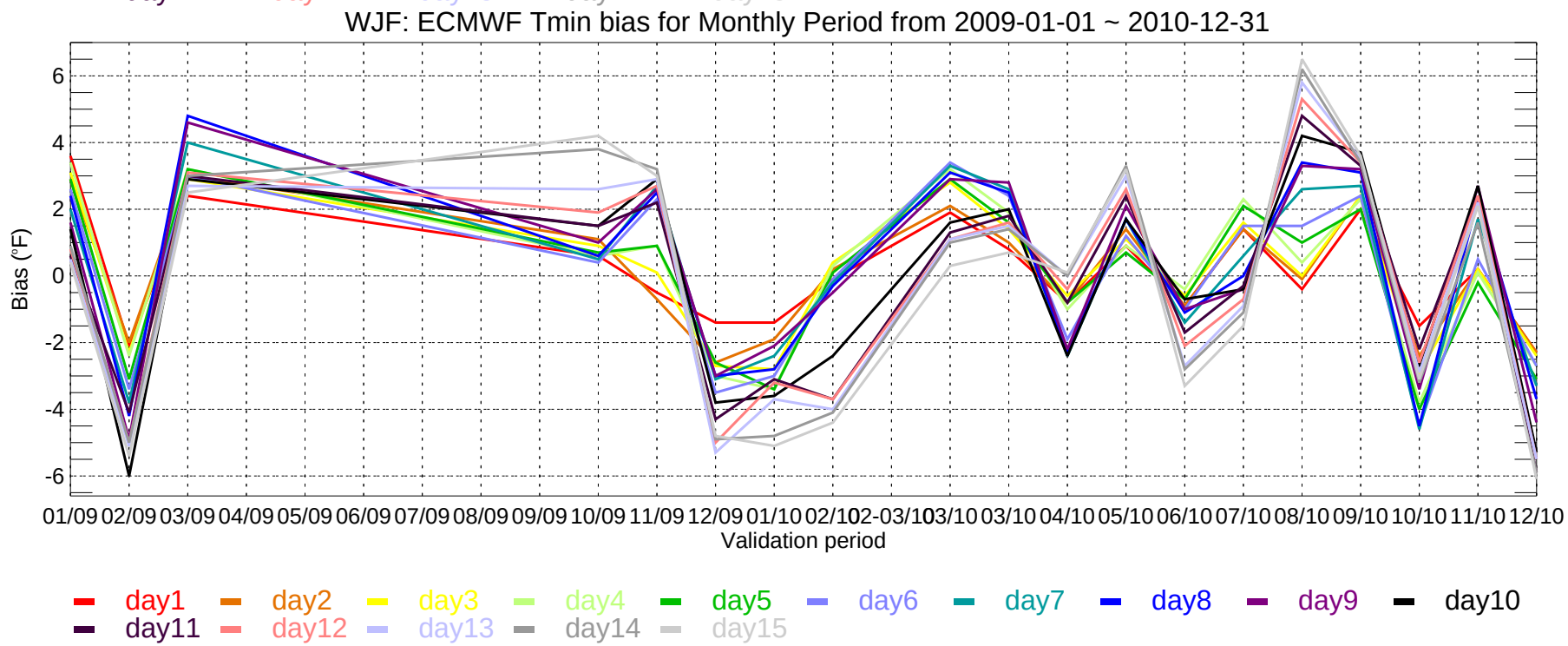

VCT: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

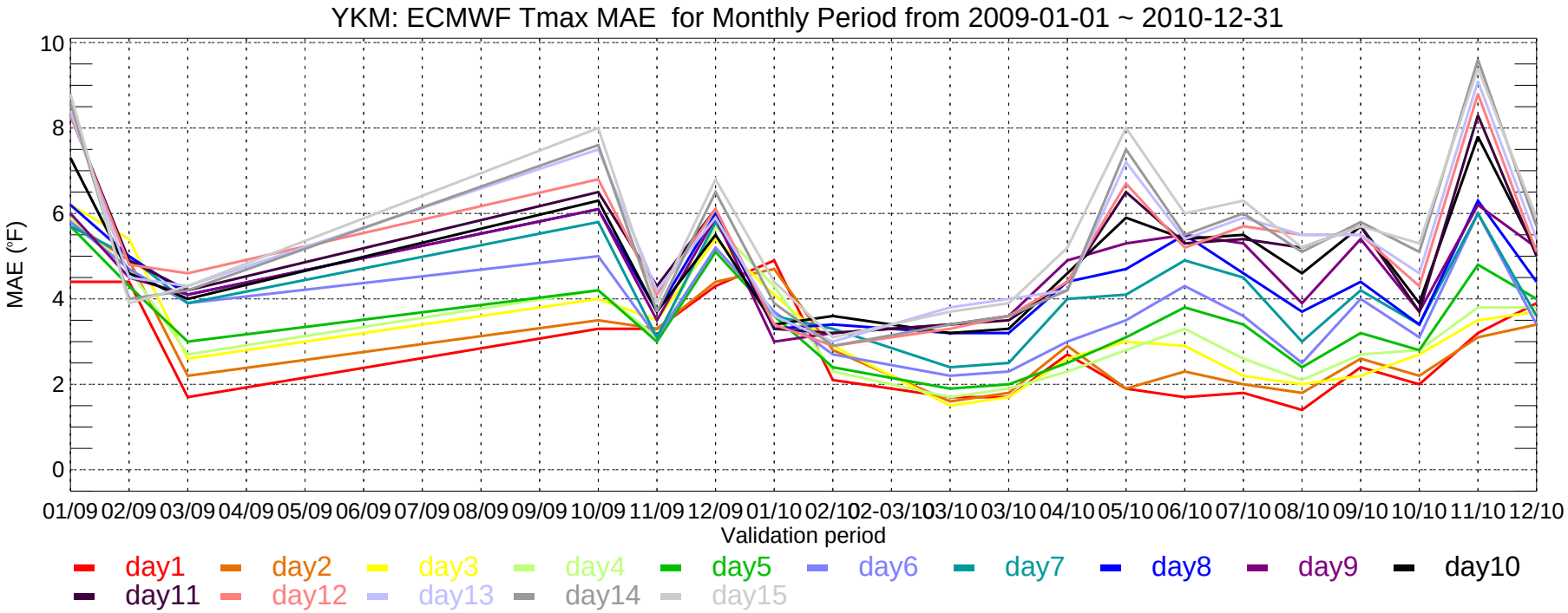

VCT: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

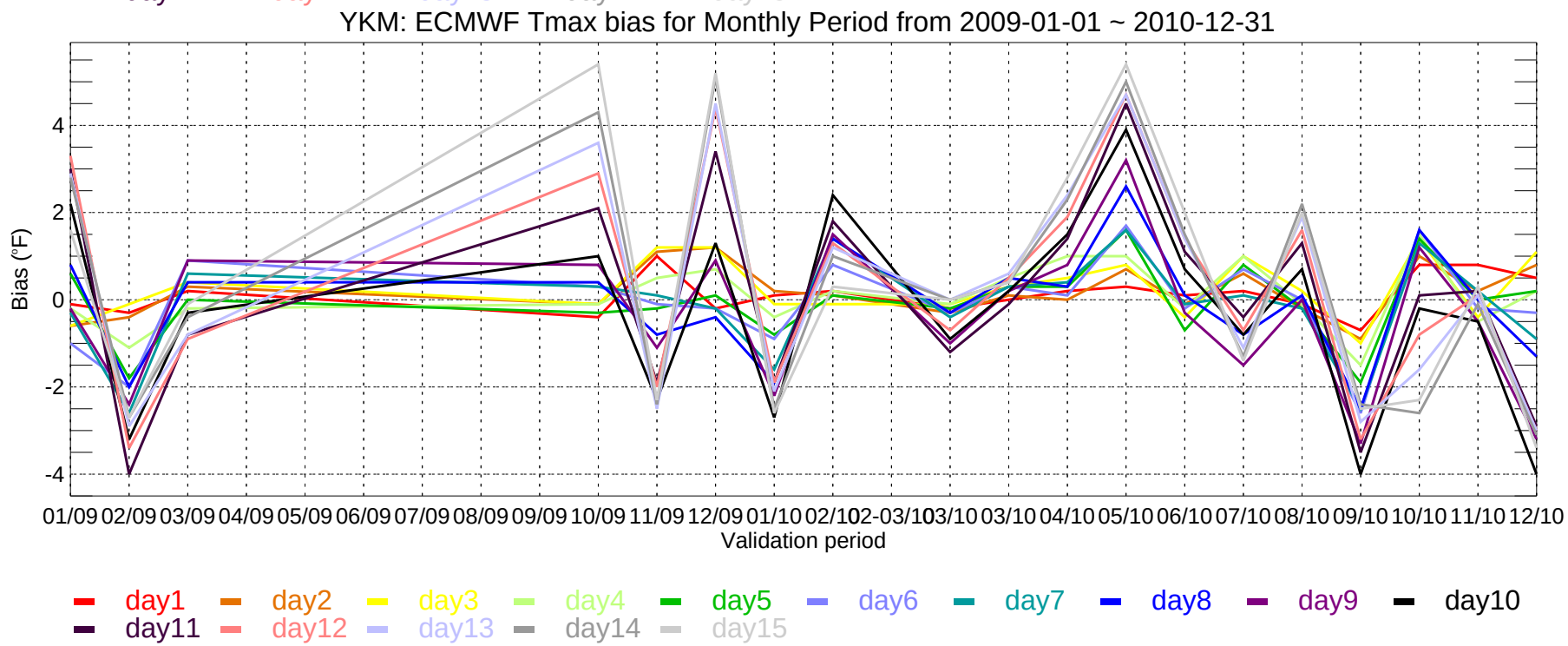

WJF: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

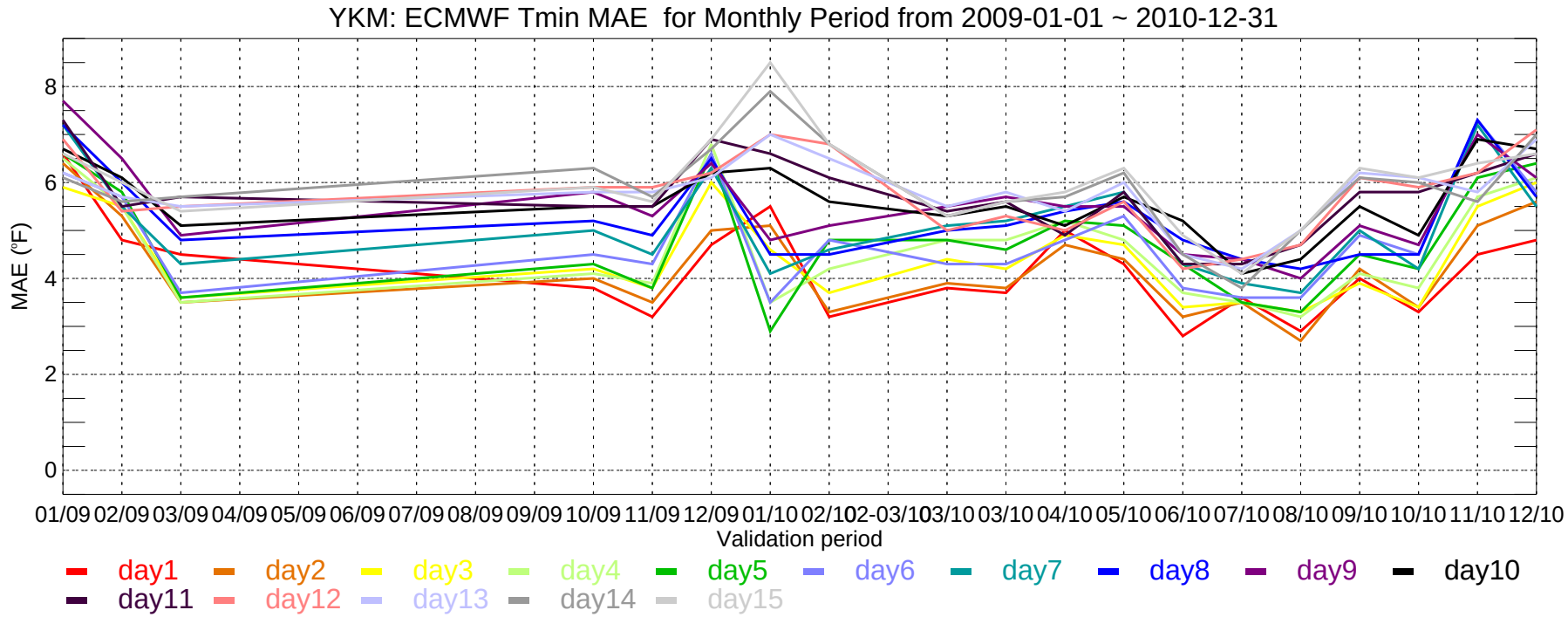

WJF: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

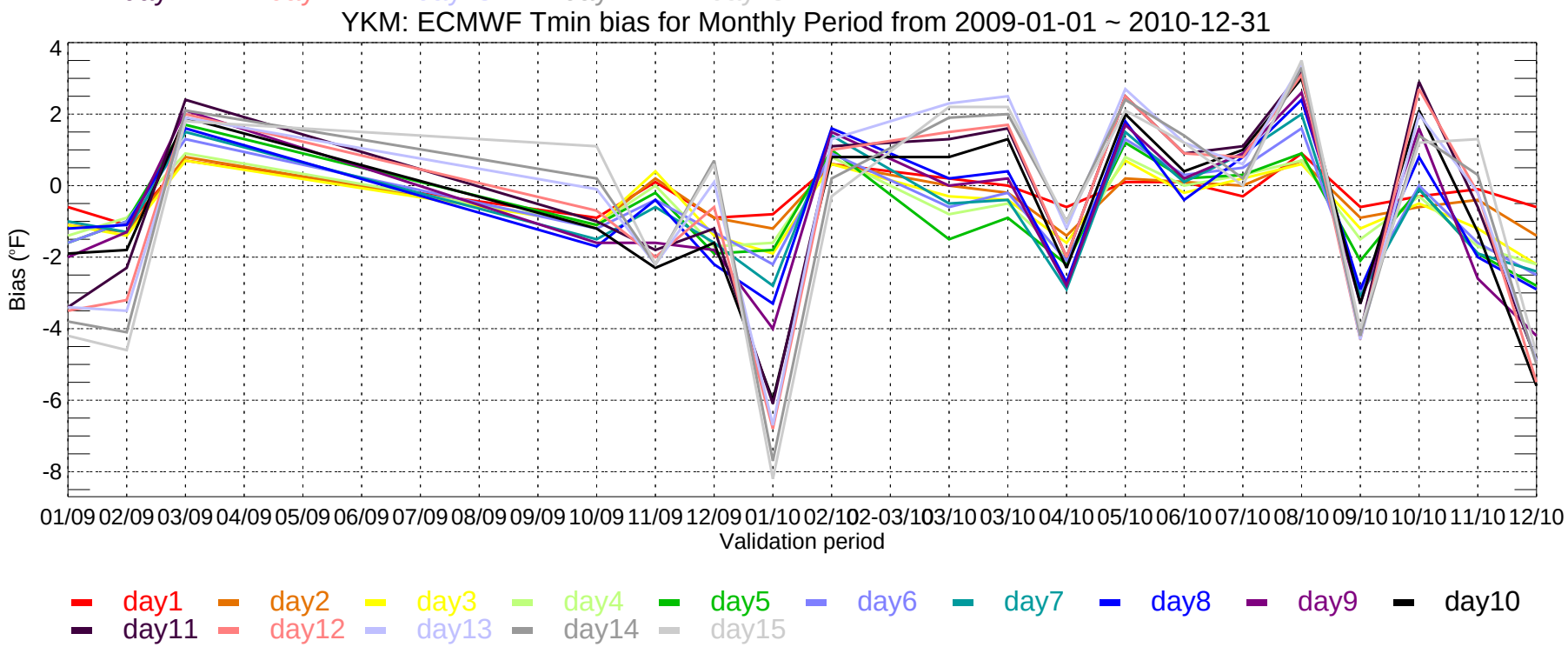

WJF: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

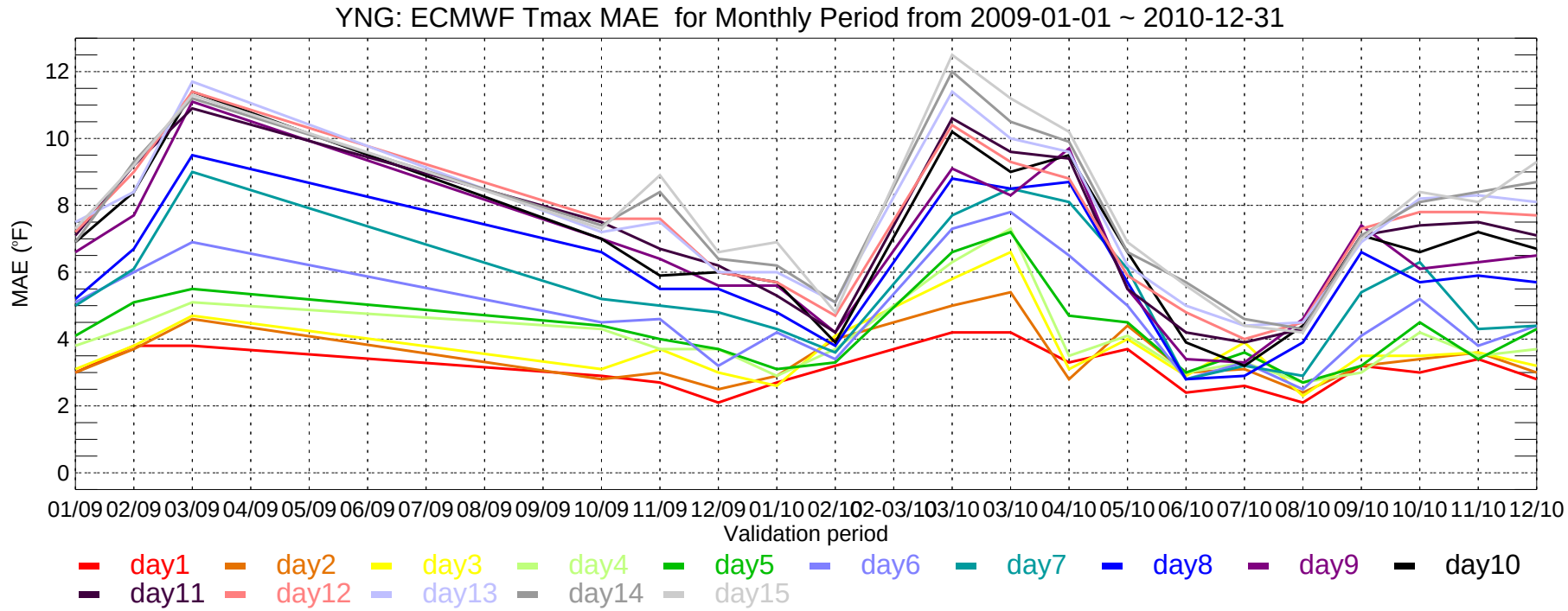

WJF: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

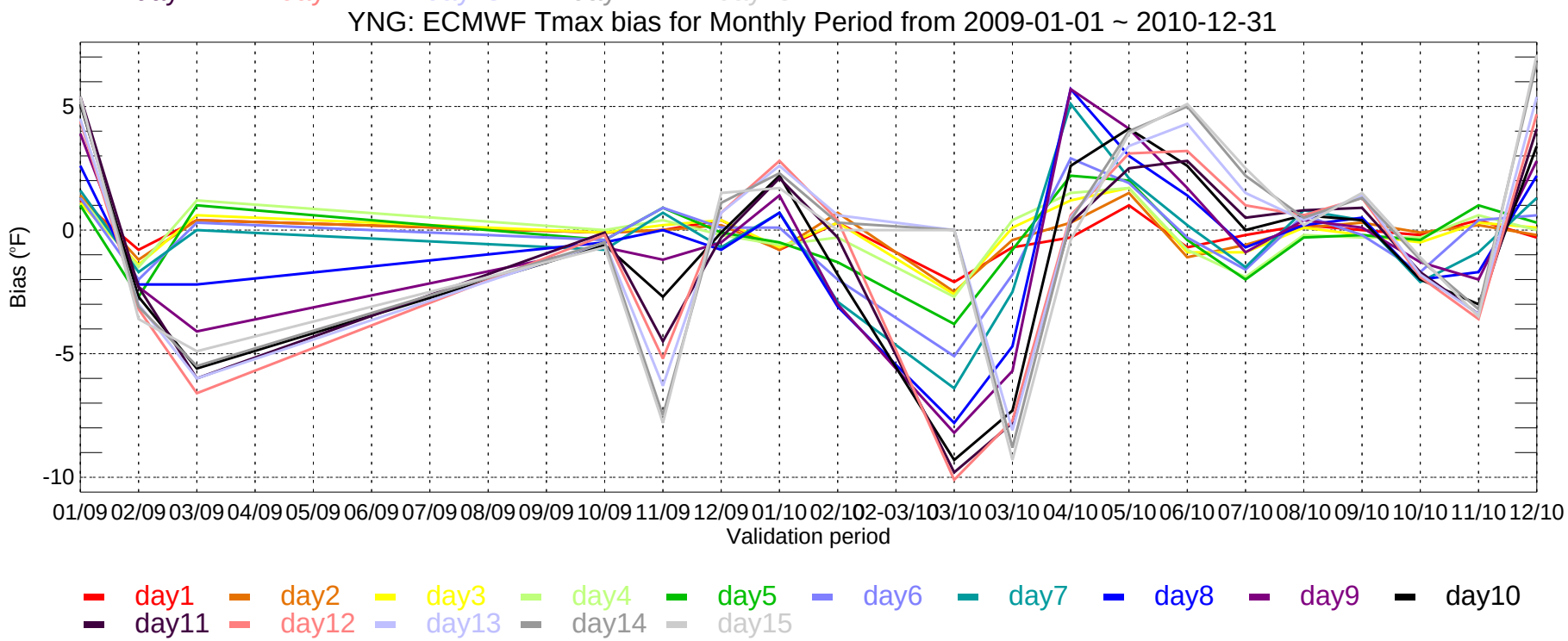

YKM: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

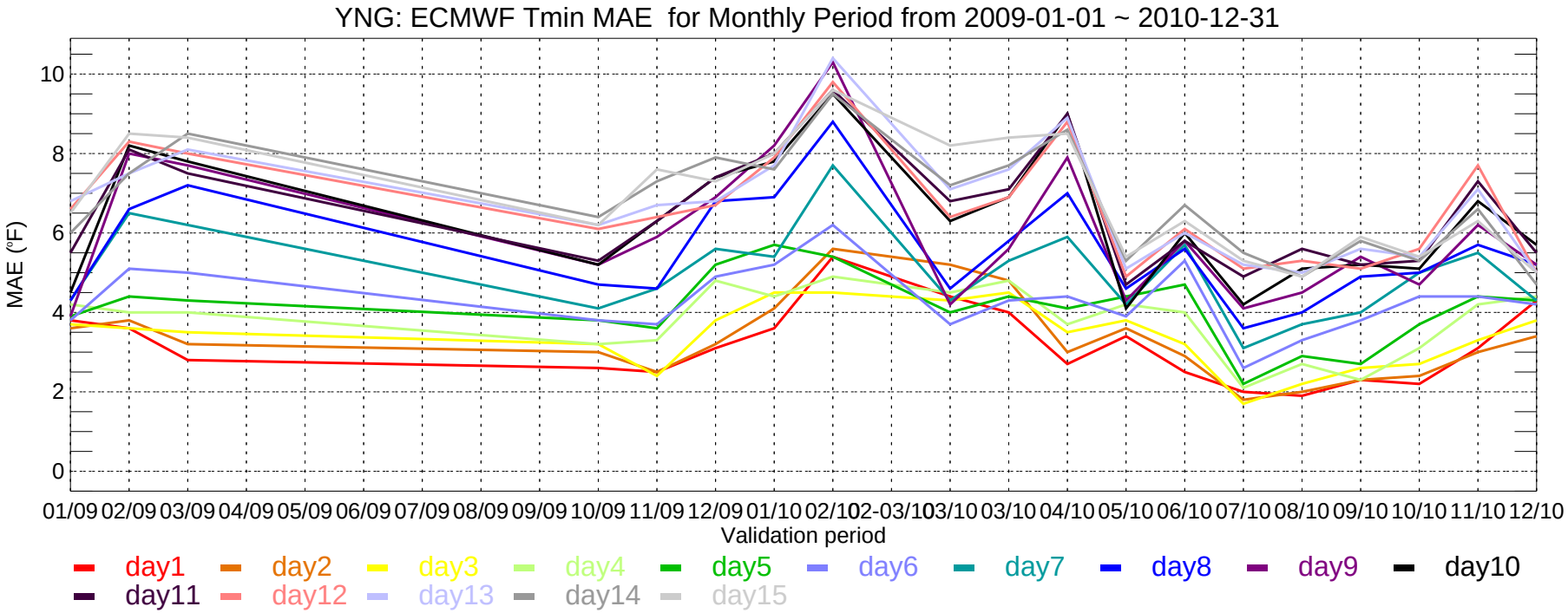

YKM: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

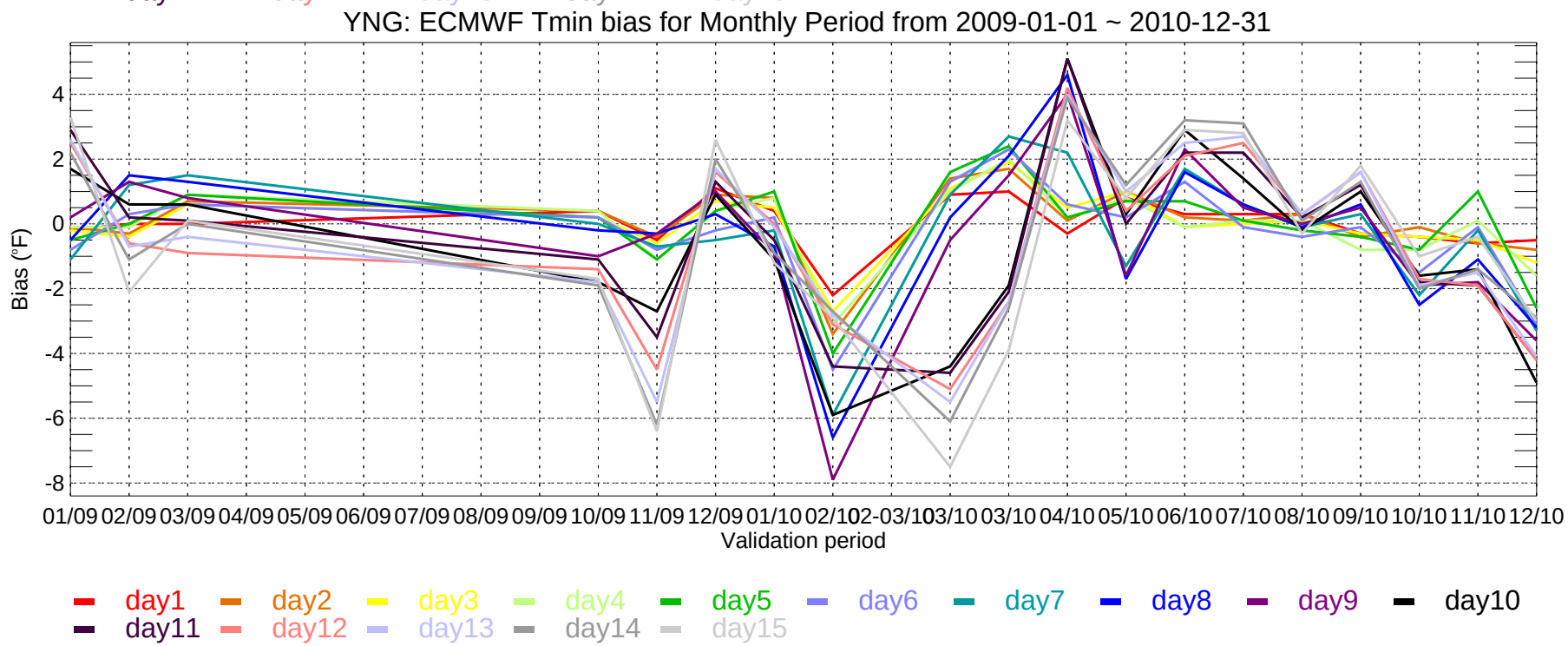

YKM: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

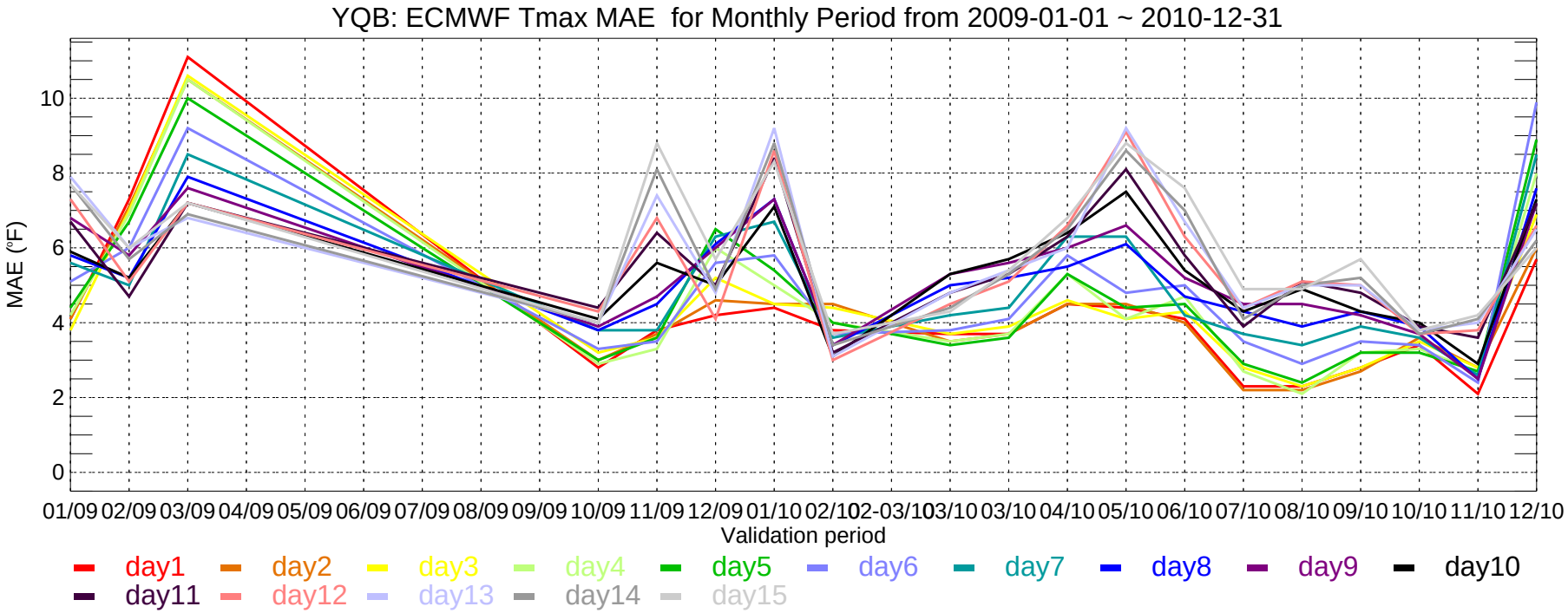

YKM: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

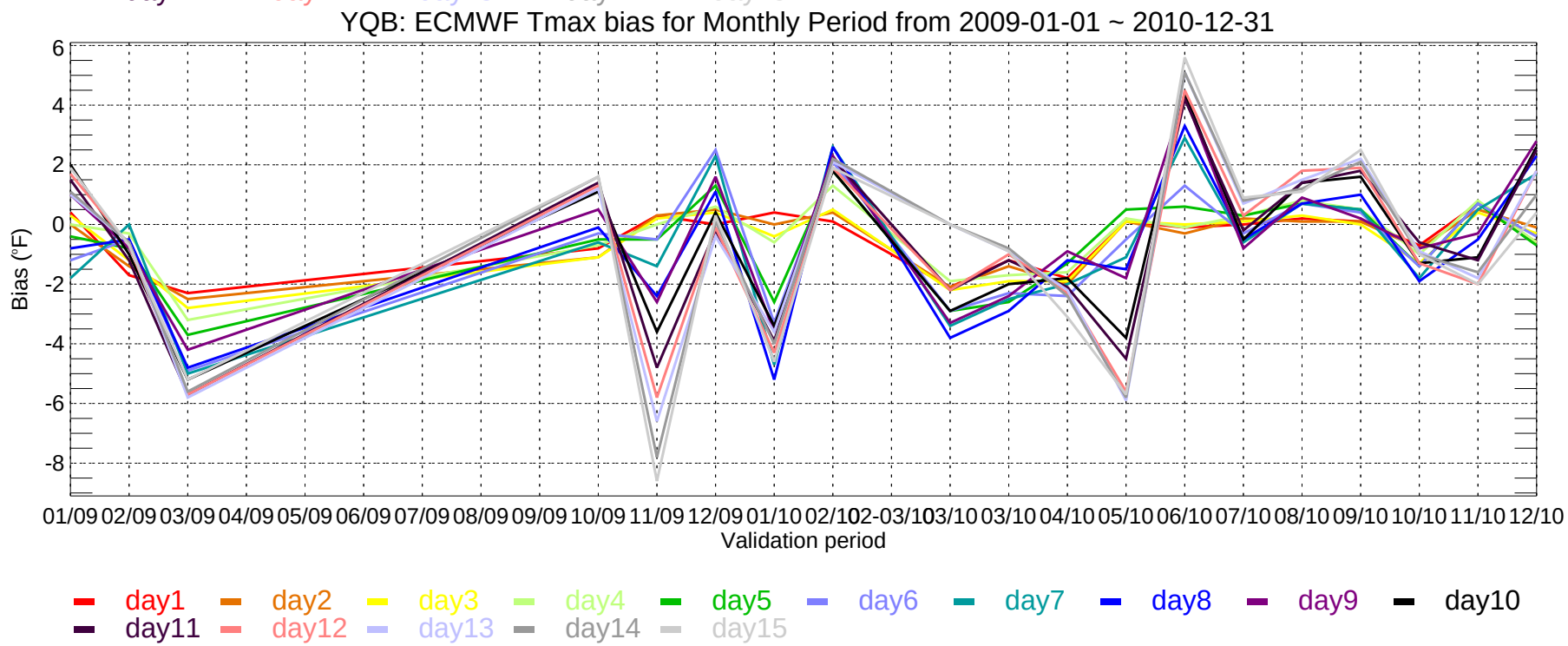

YNG: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

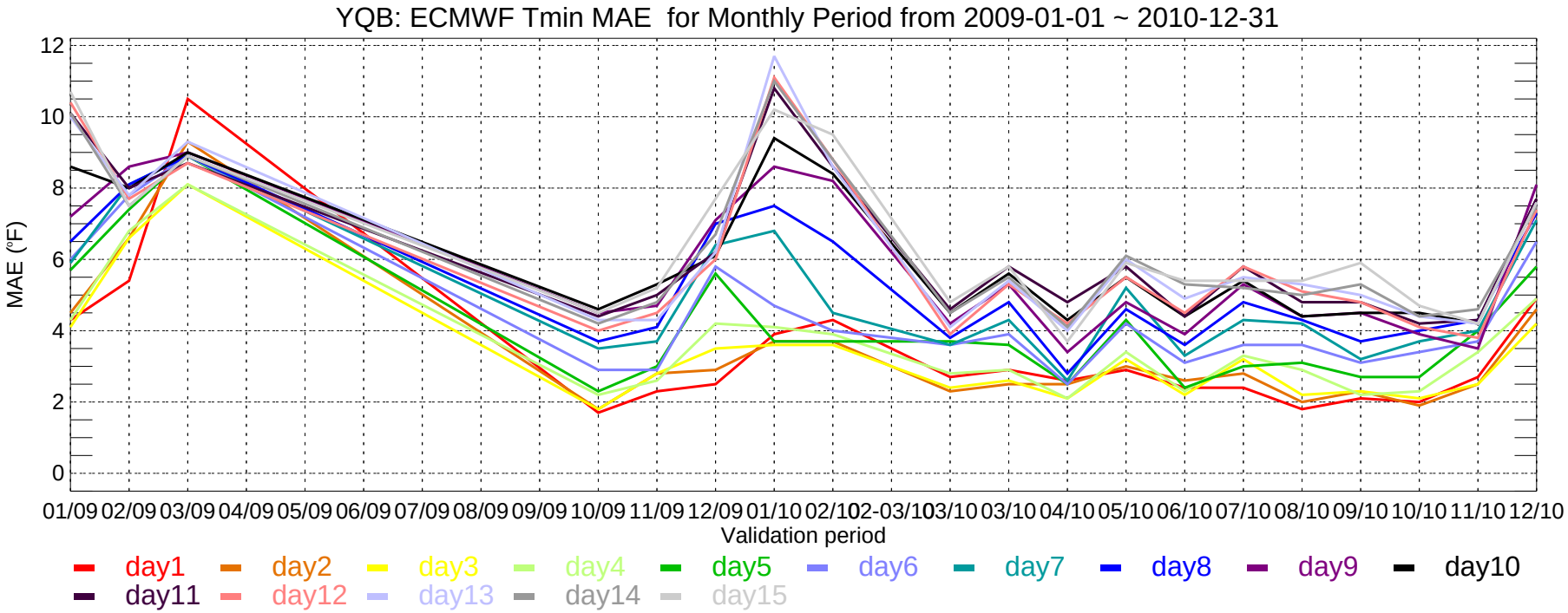

YNG: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-10
-5
0
5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

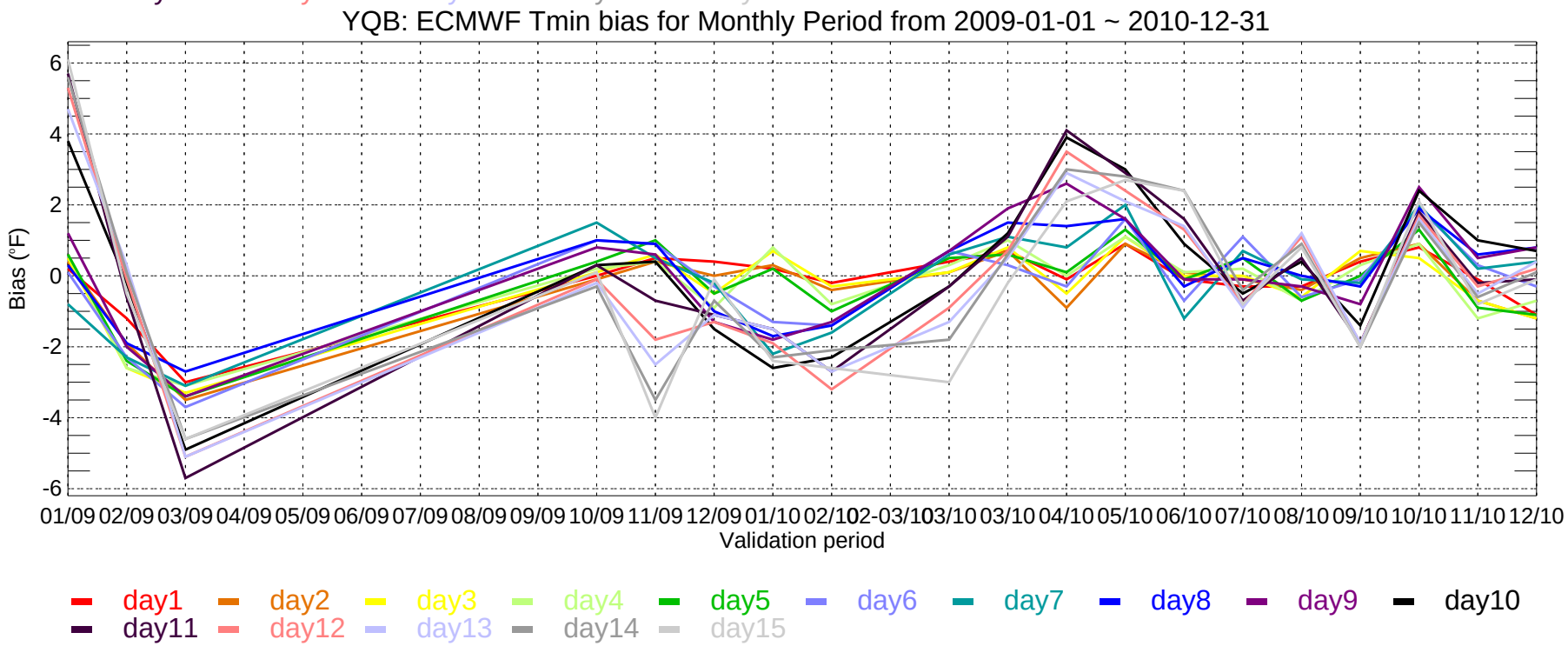

YNG: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

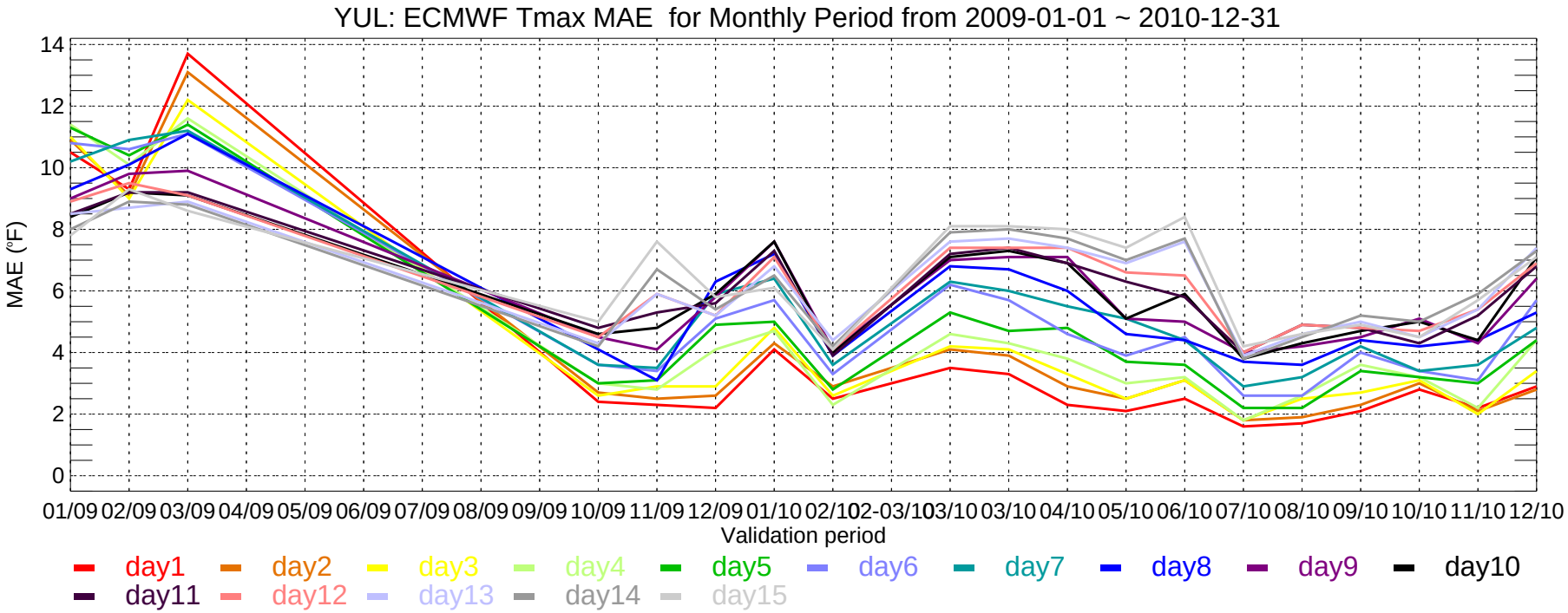

YNG: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

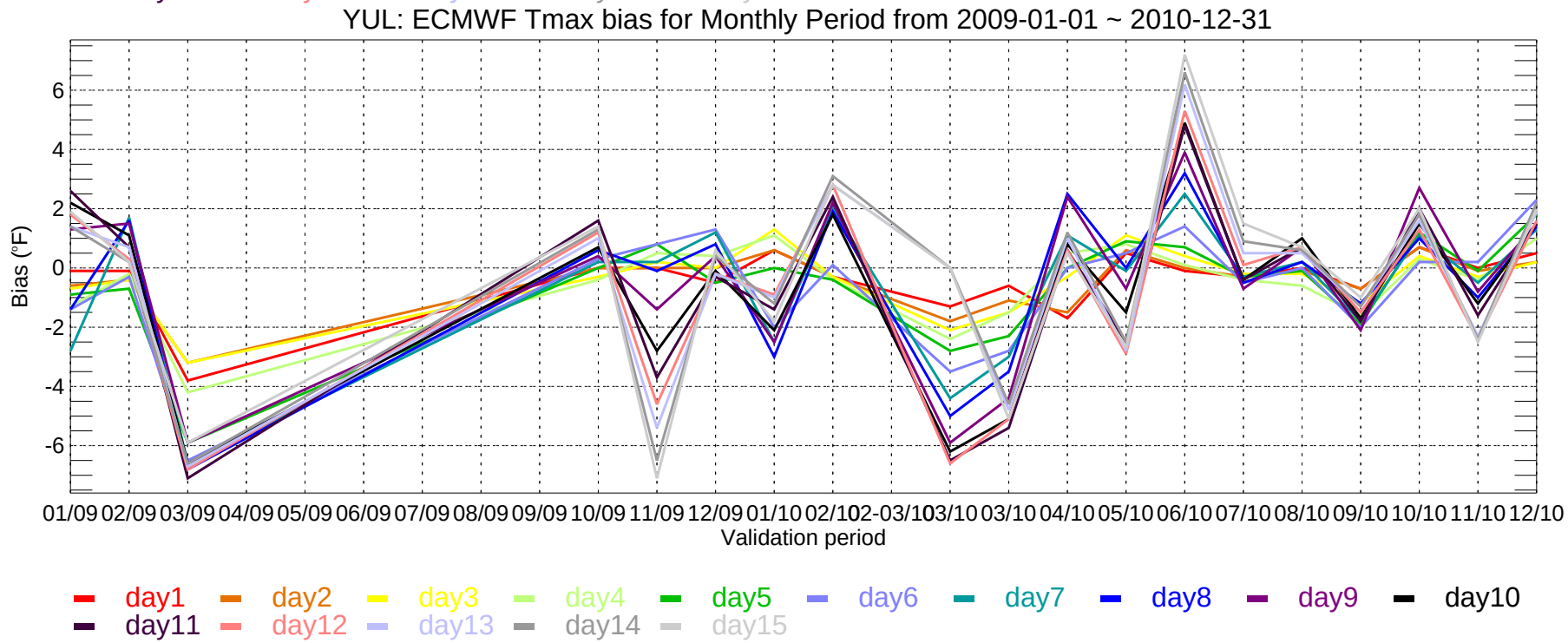

YQB: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

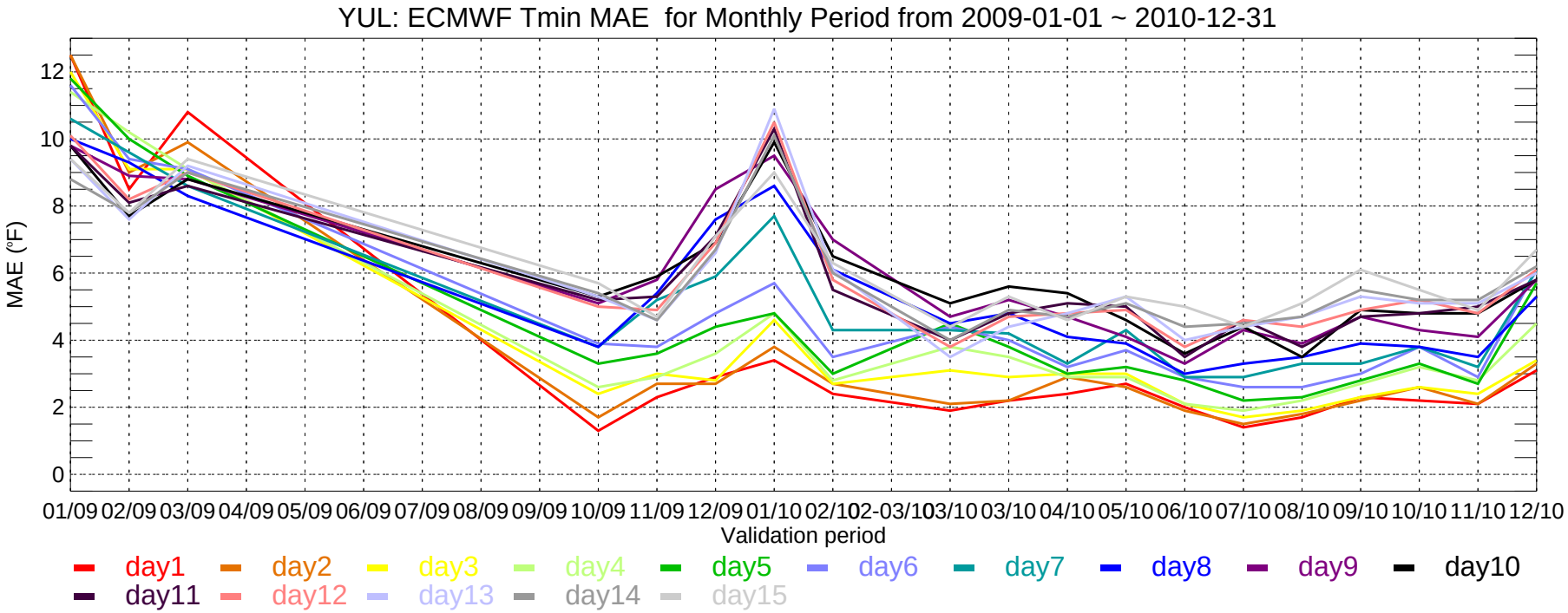

YQB: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

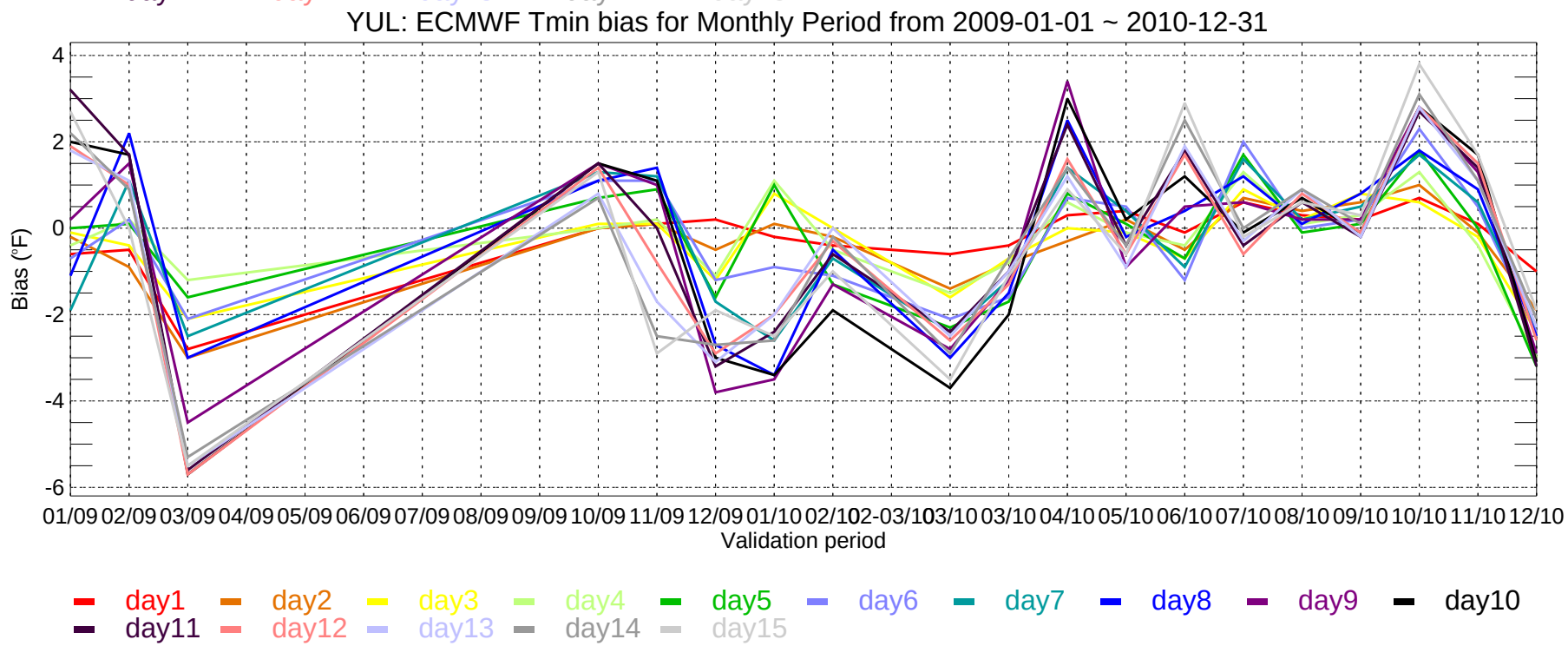

YQB: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

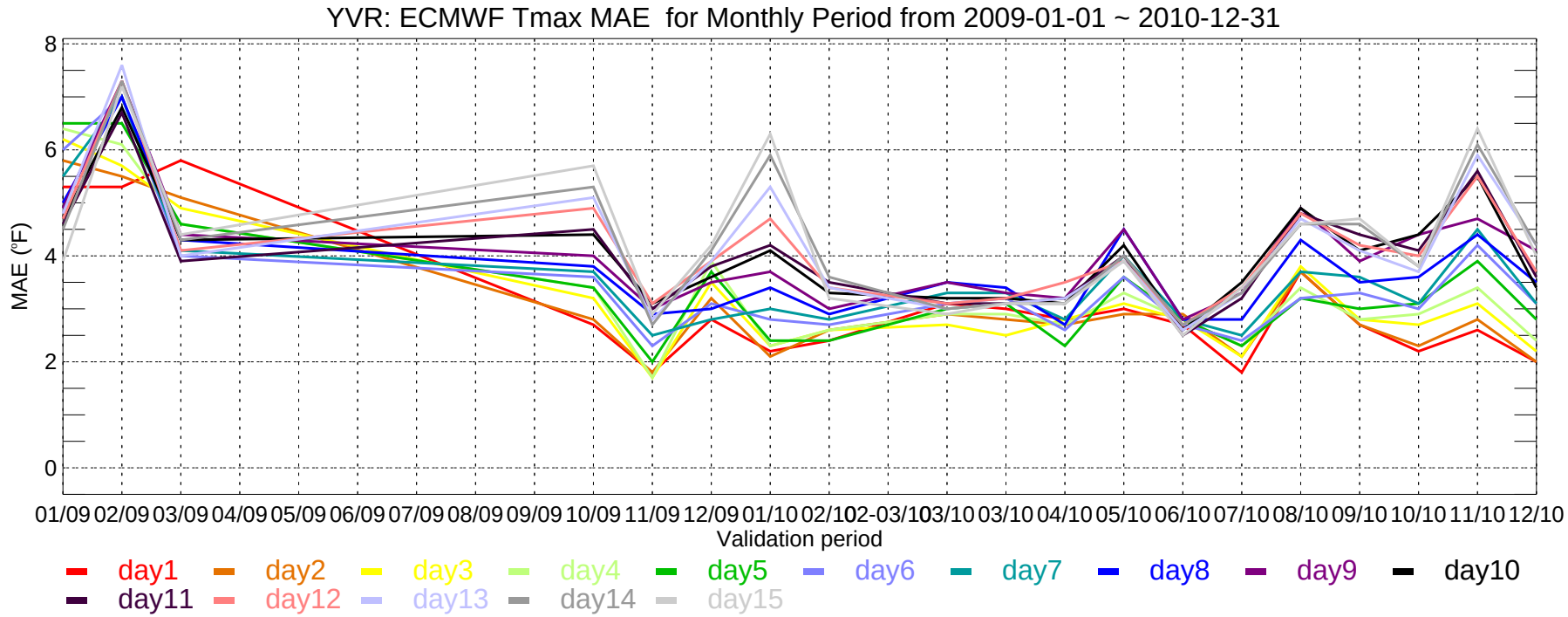

YQB: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

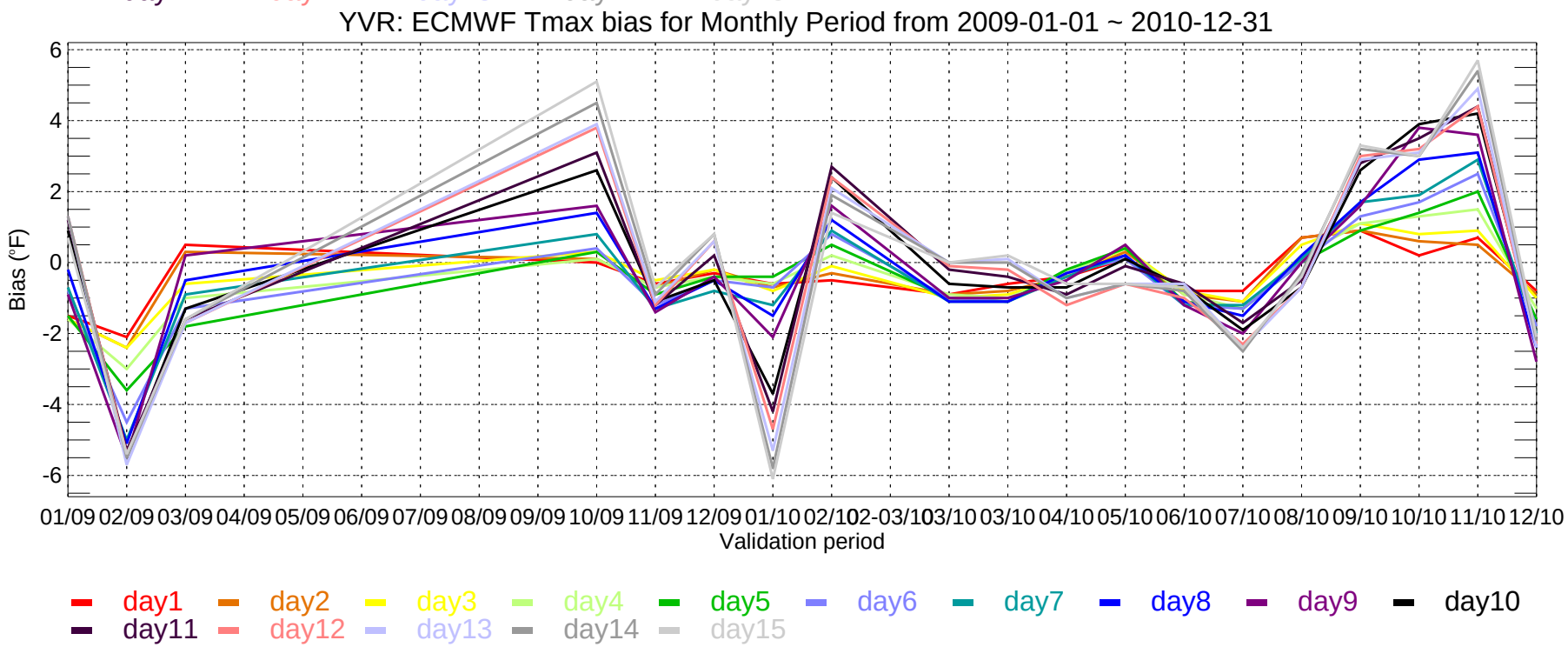

YUL: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
14
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

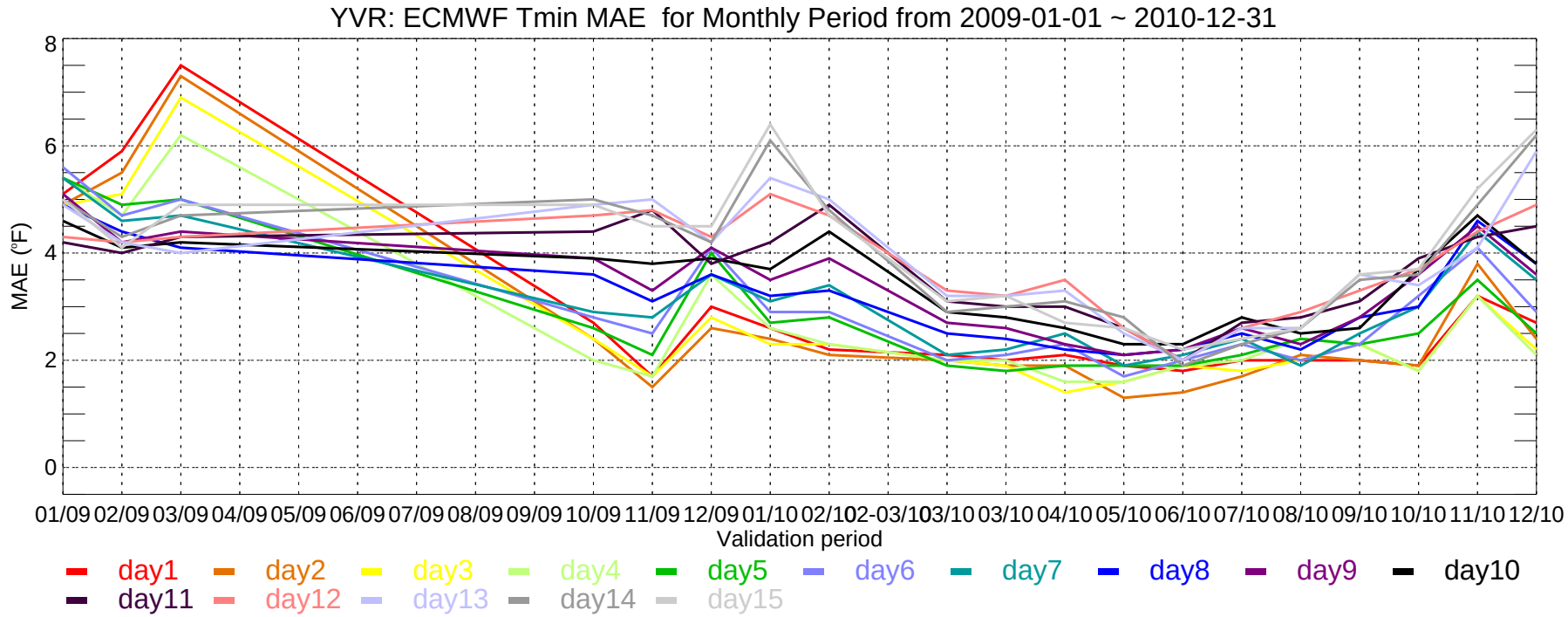

YUL: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

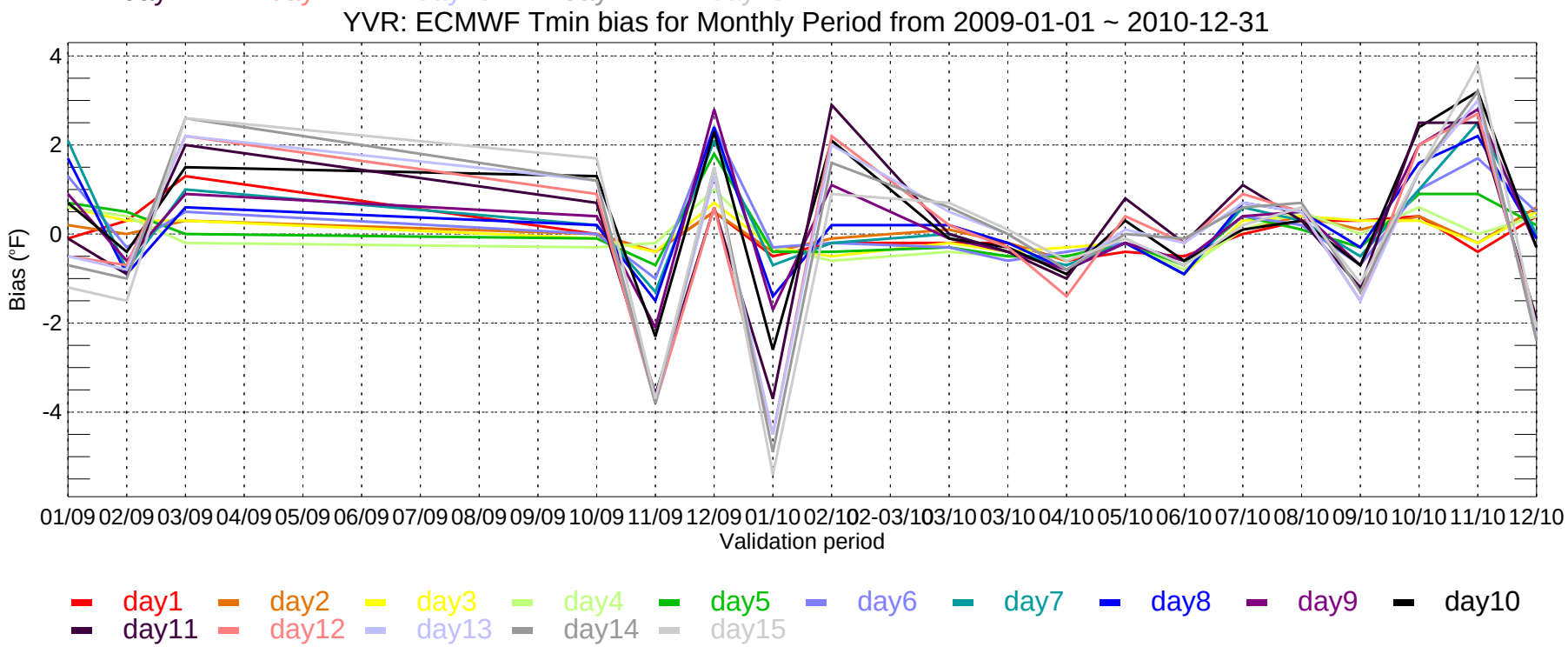

YUL: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

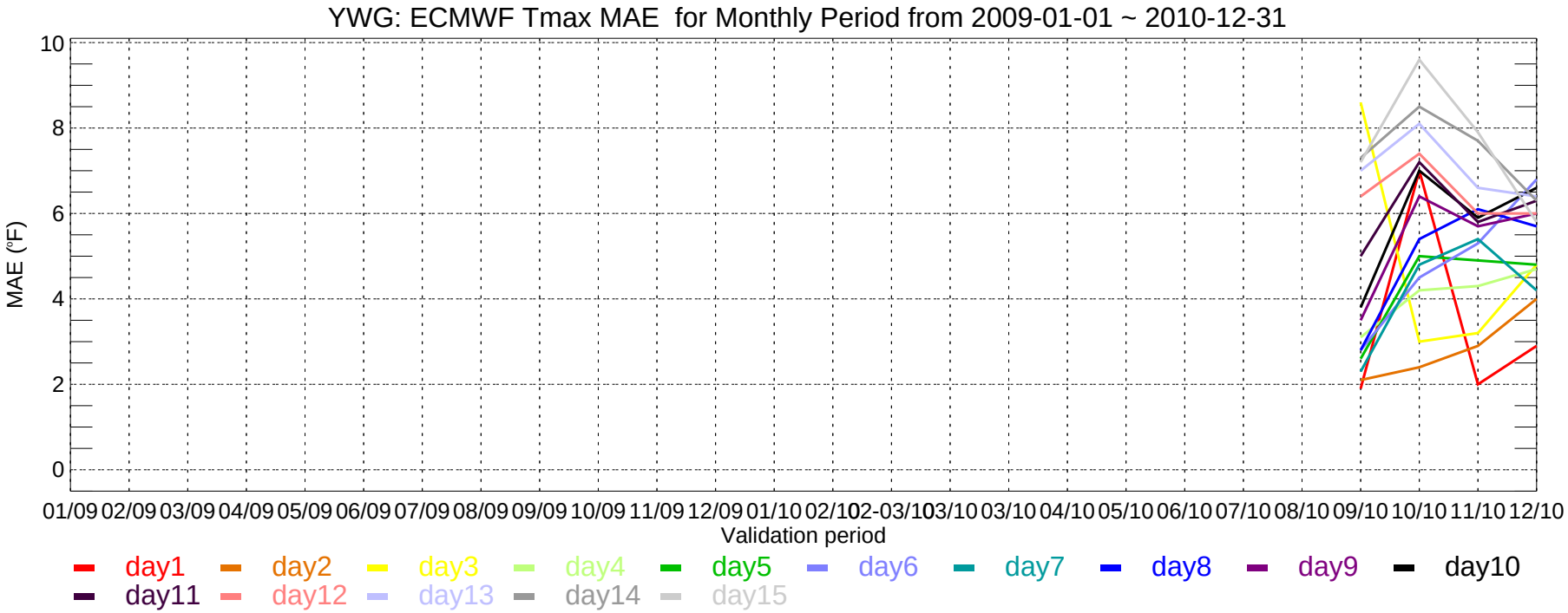

YUL: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-6
-4
-2
0
2
4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

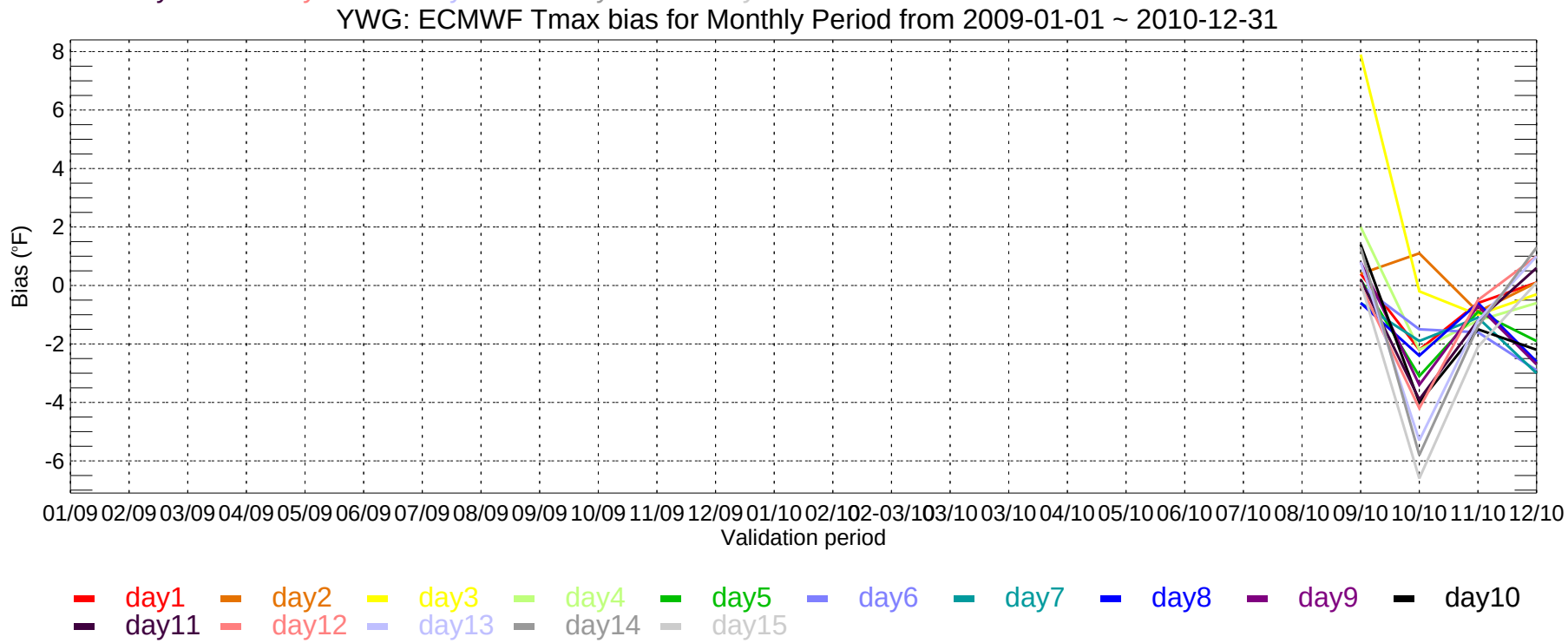

YVR: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

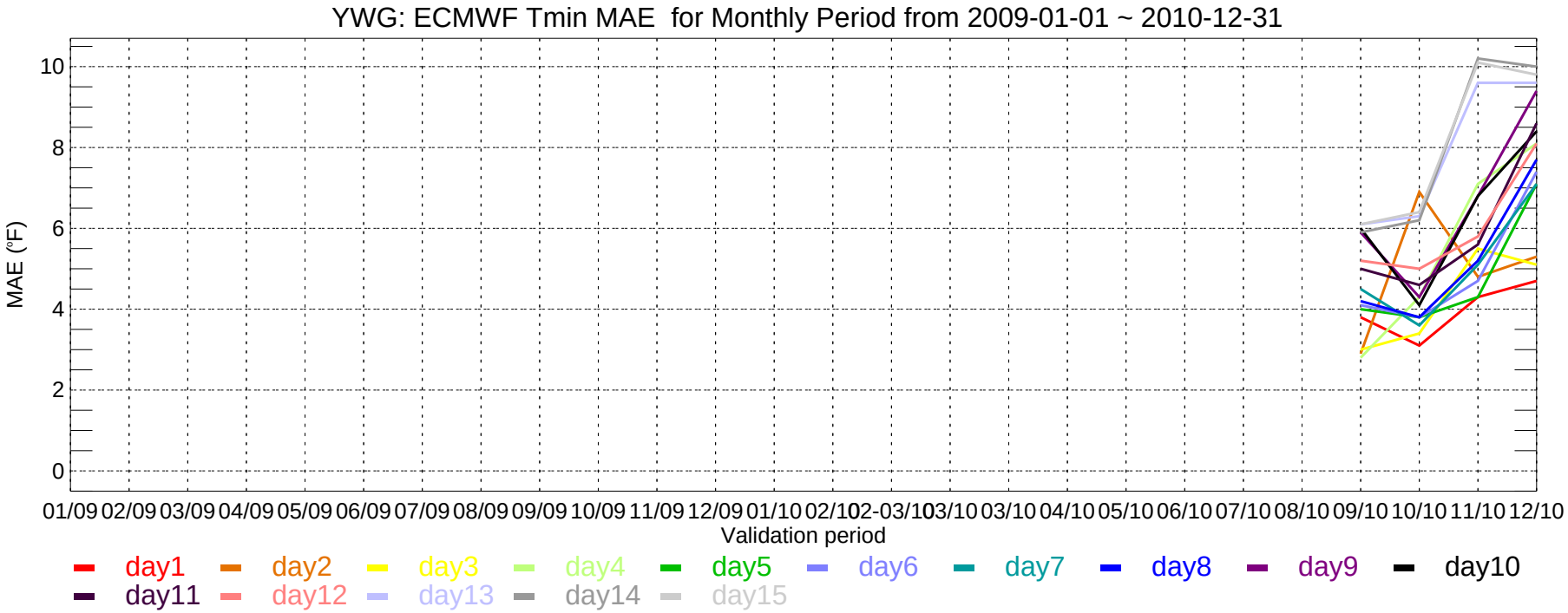

YVR: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

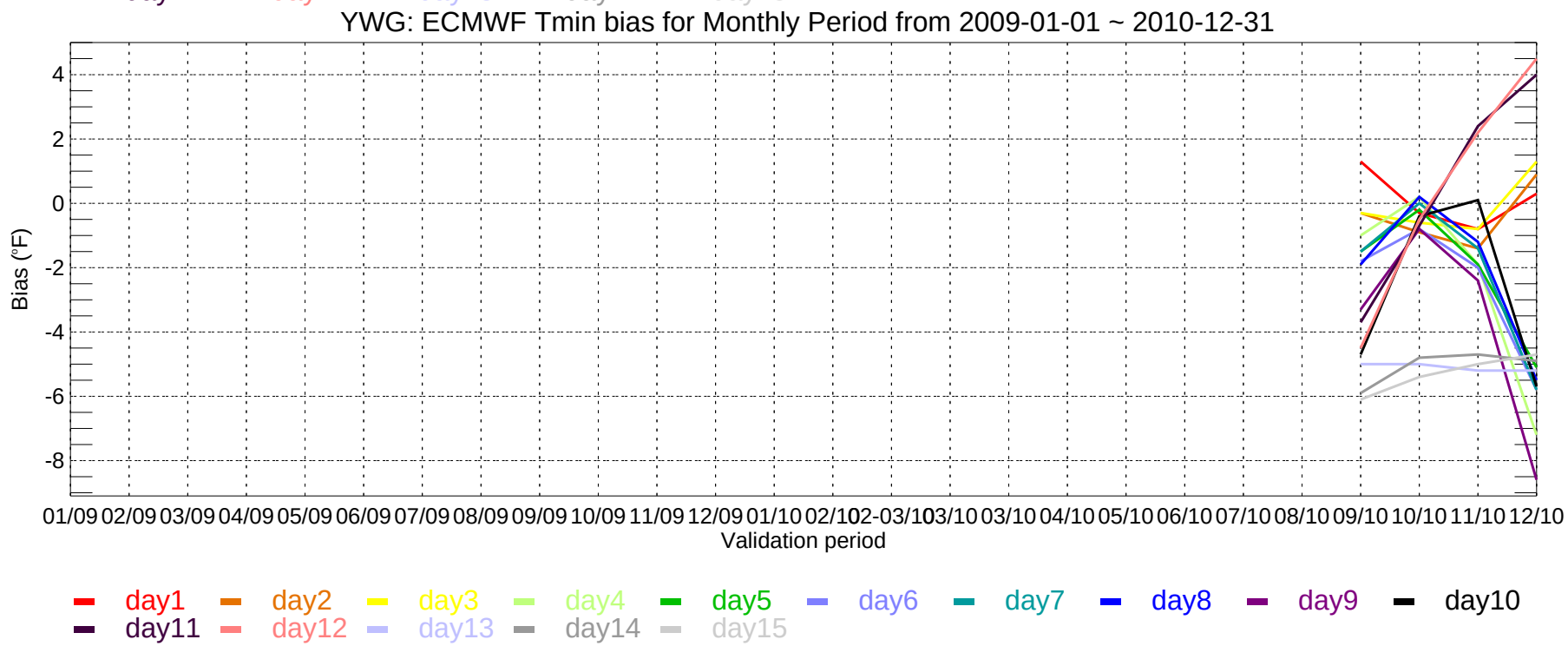

YVR: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

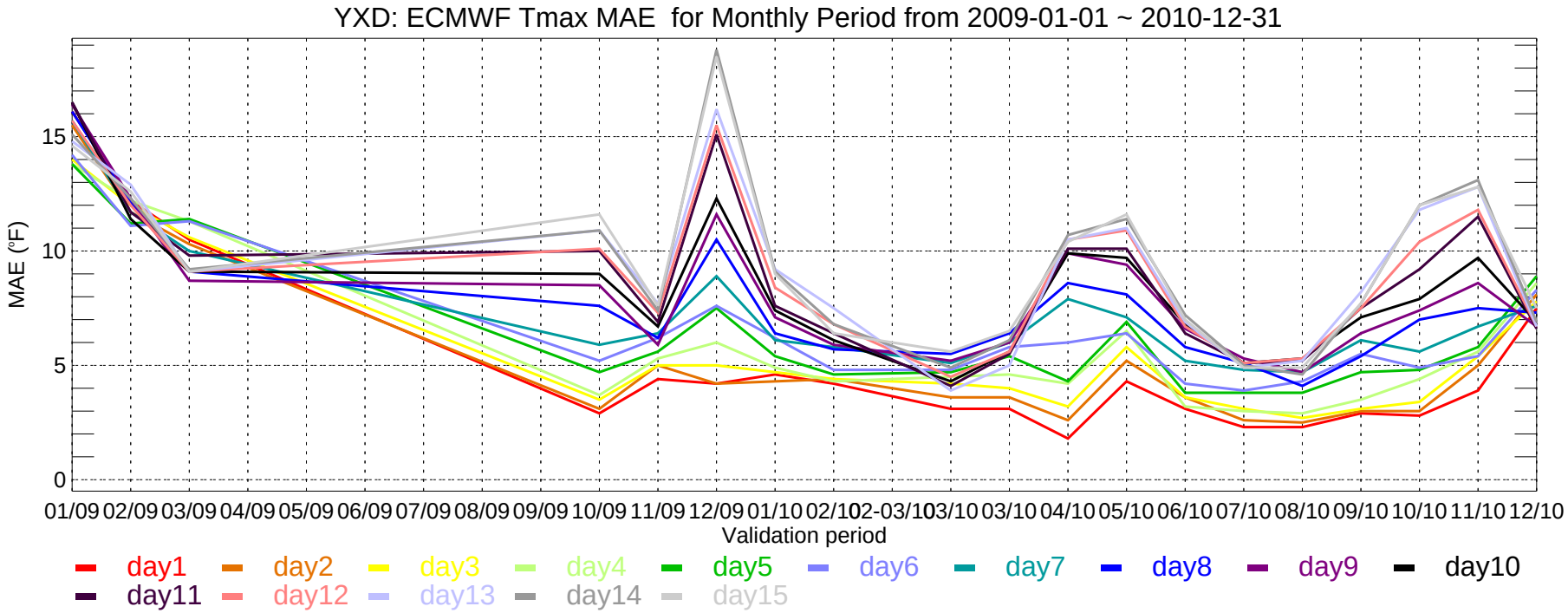

YVR: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

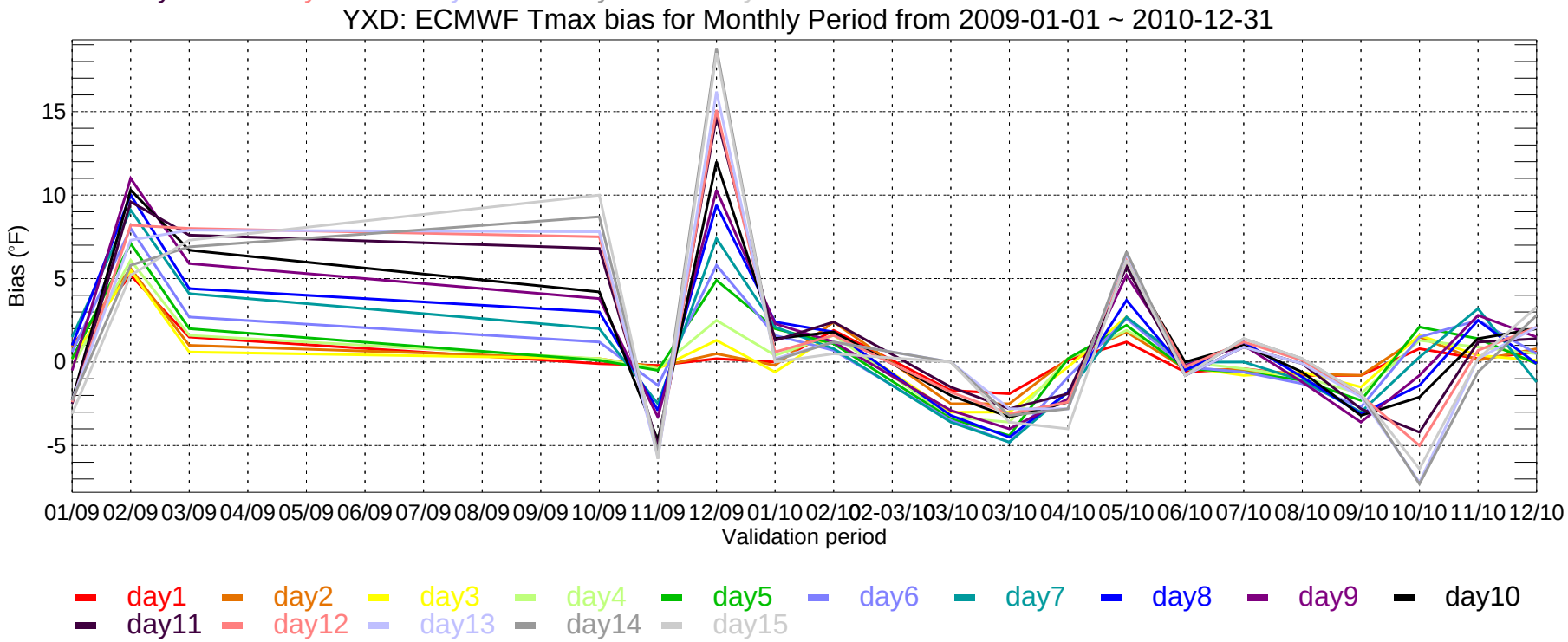

YWG: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

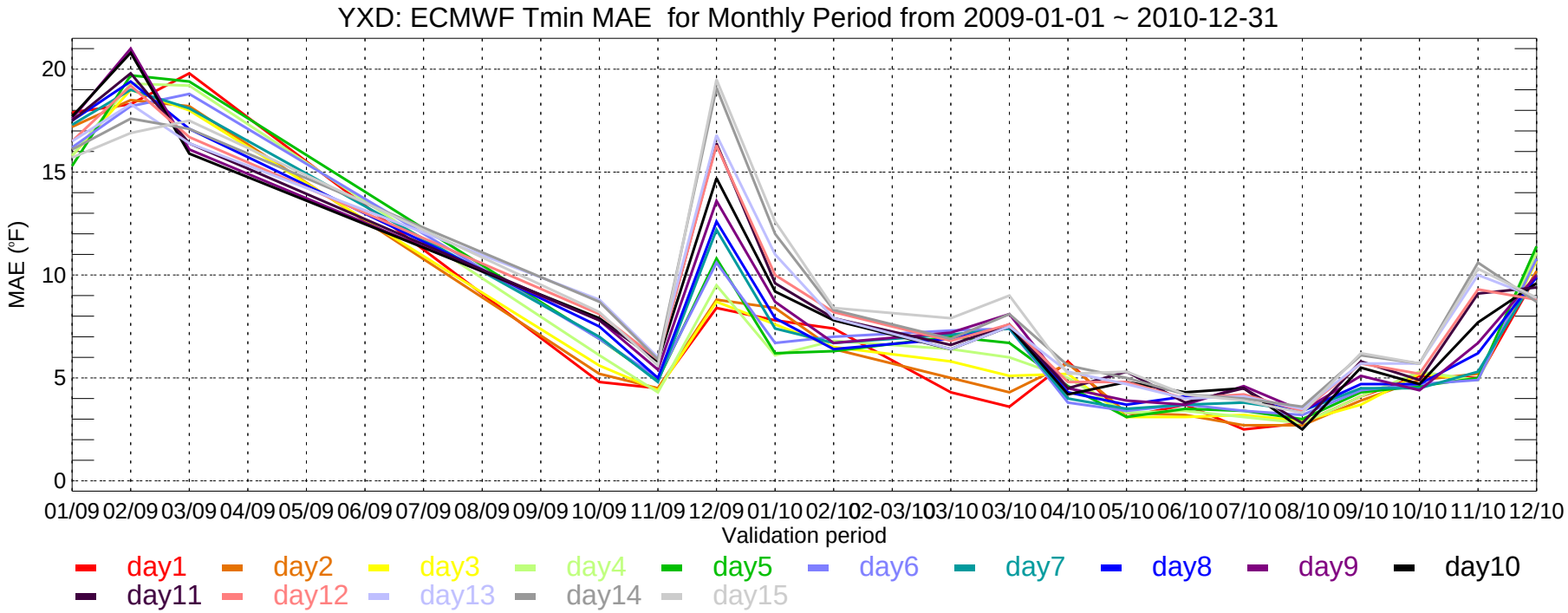

YWG: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

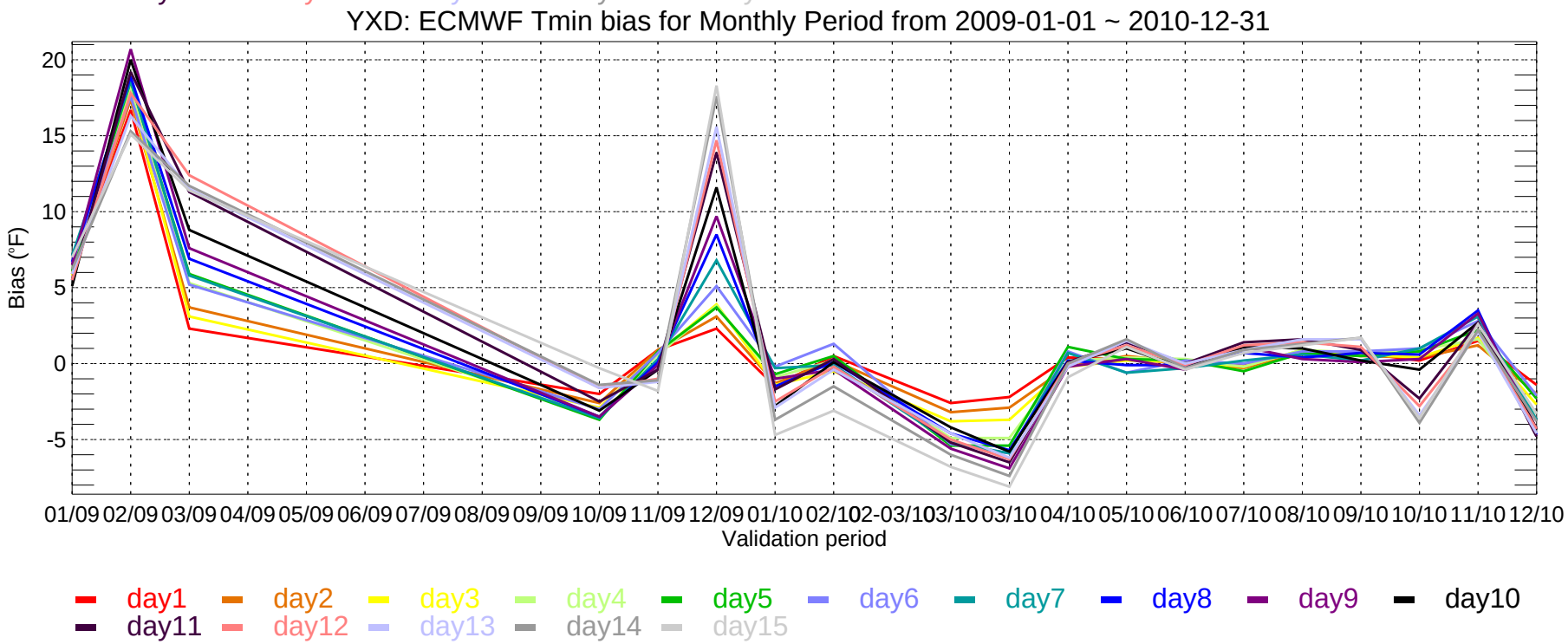

YWG: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

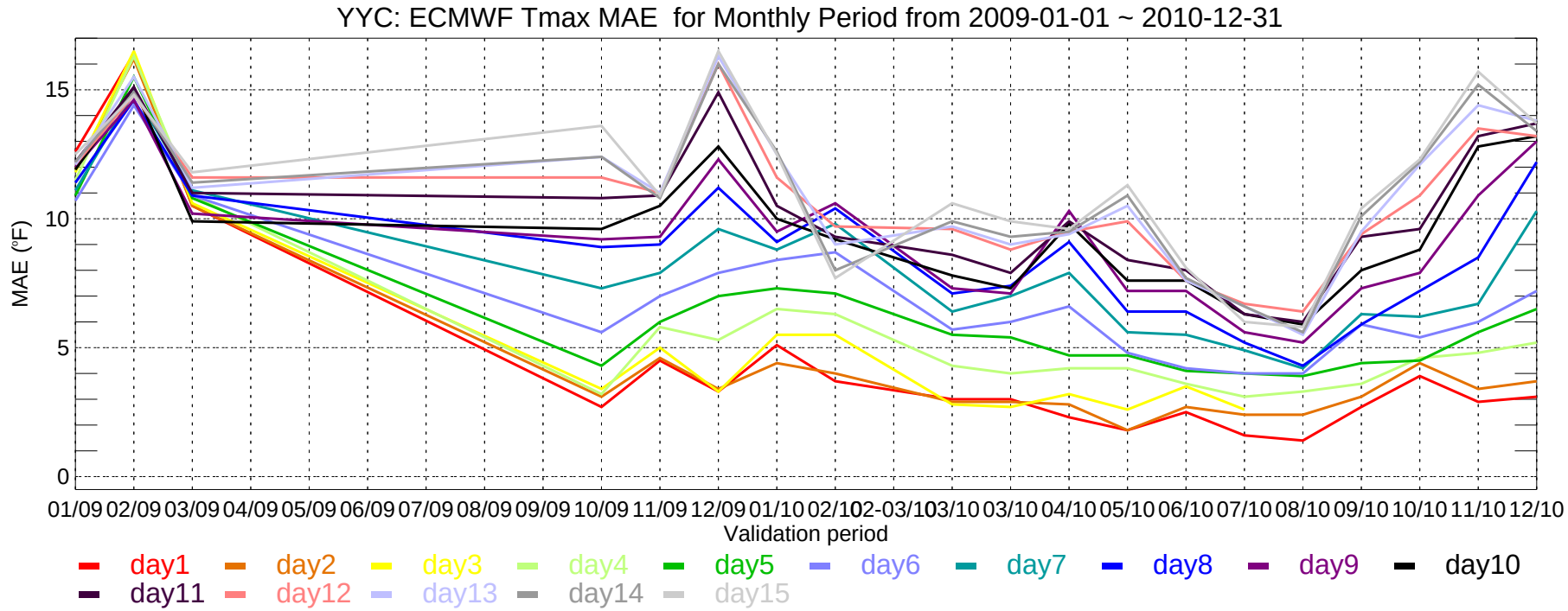

YWG: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

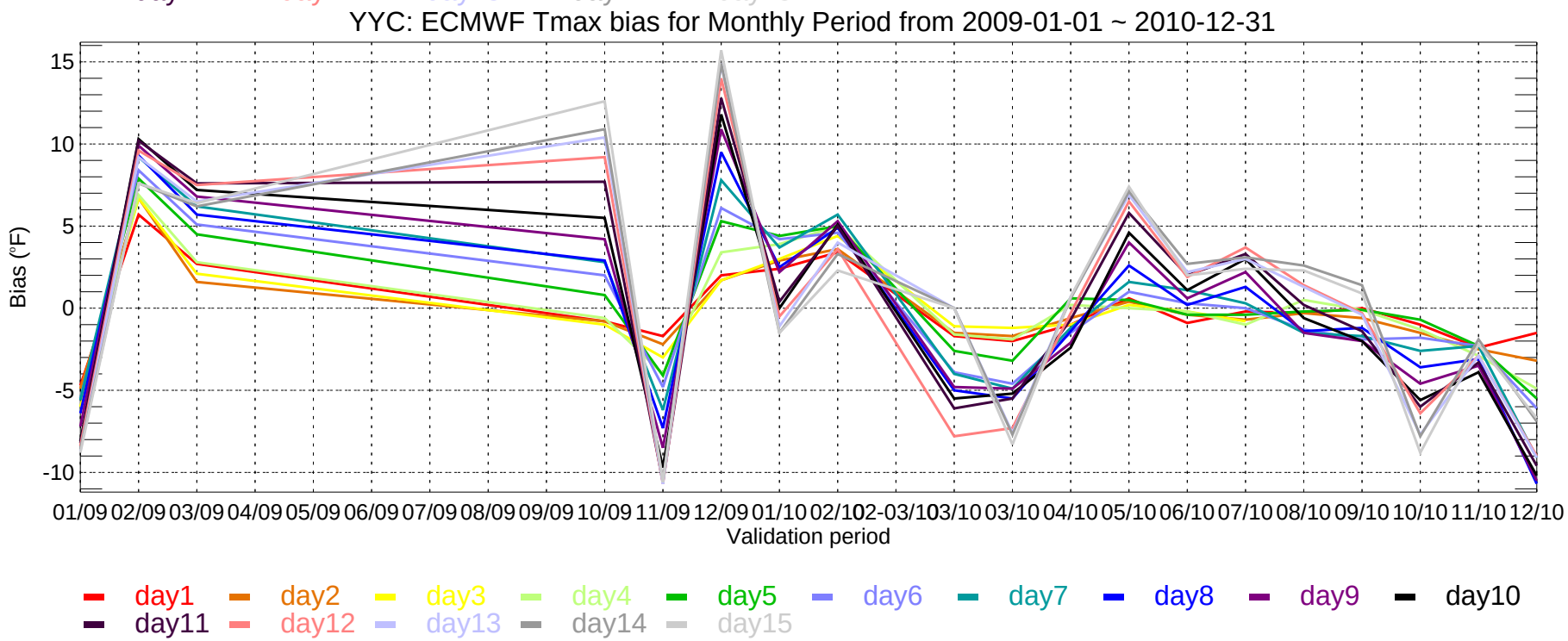

YXD: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
5
10
15
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

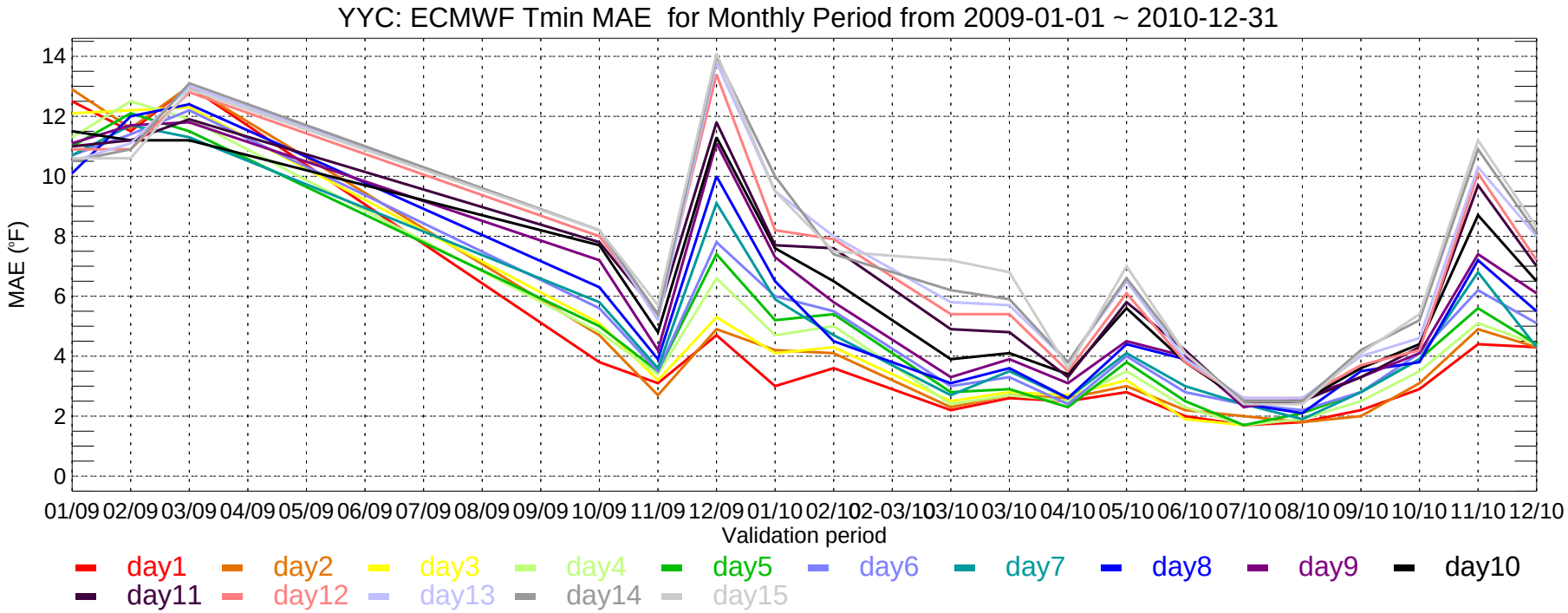

YXD: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-5
0
5
10
15
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

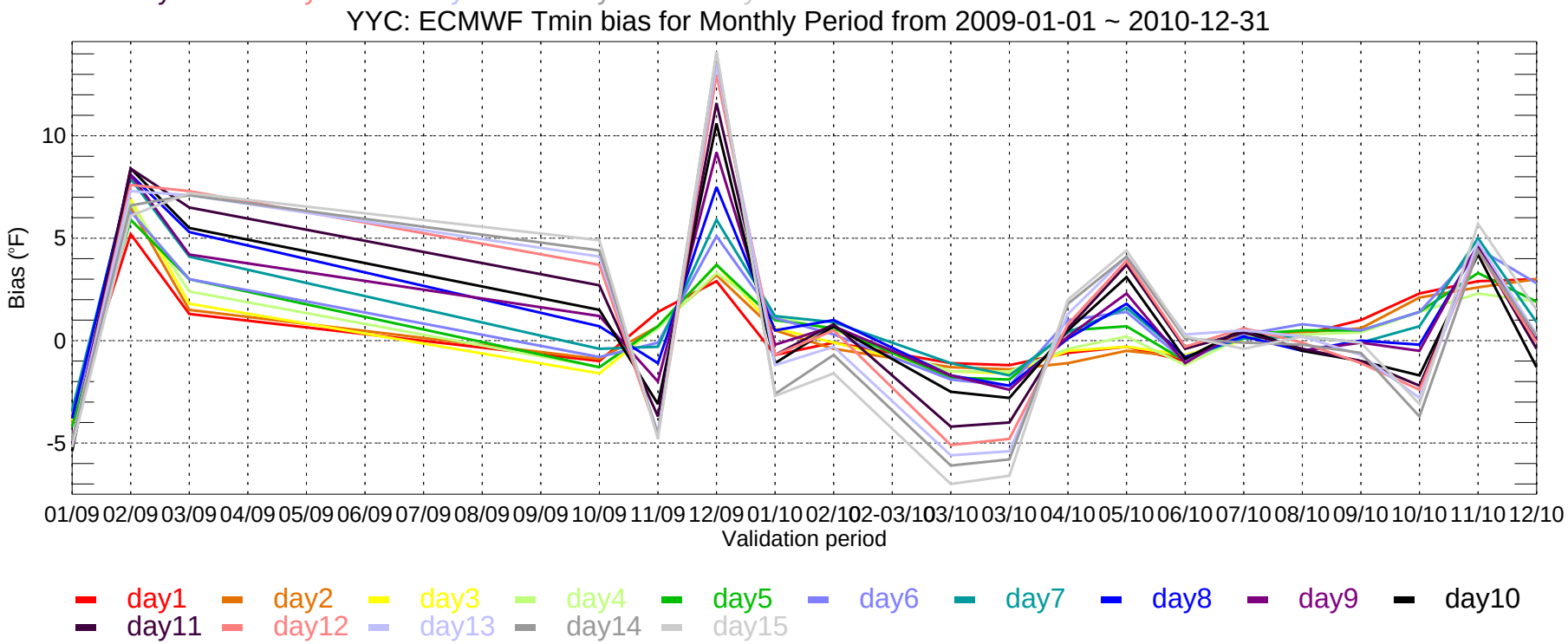

YXD: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
20
15
10
5
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

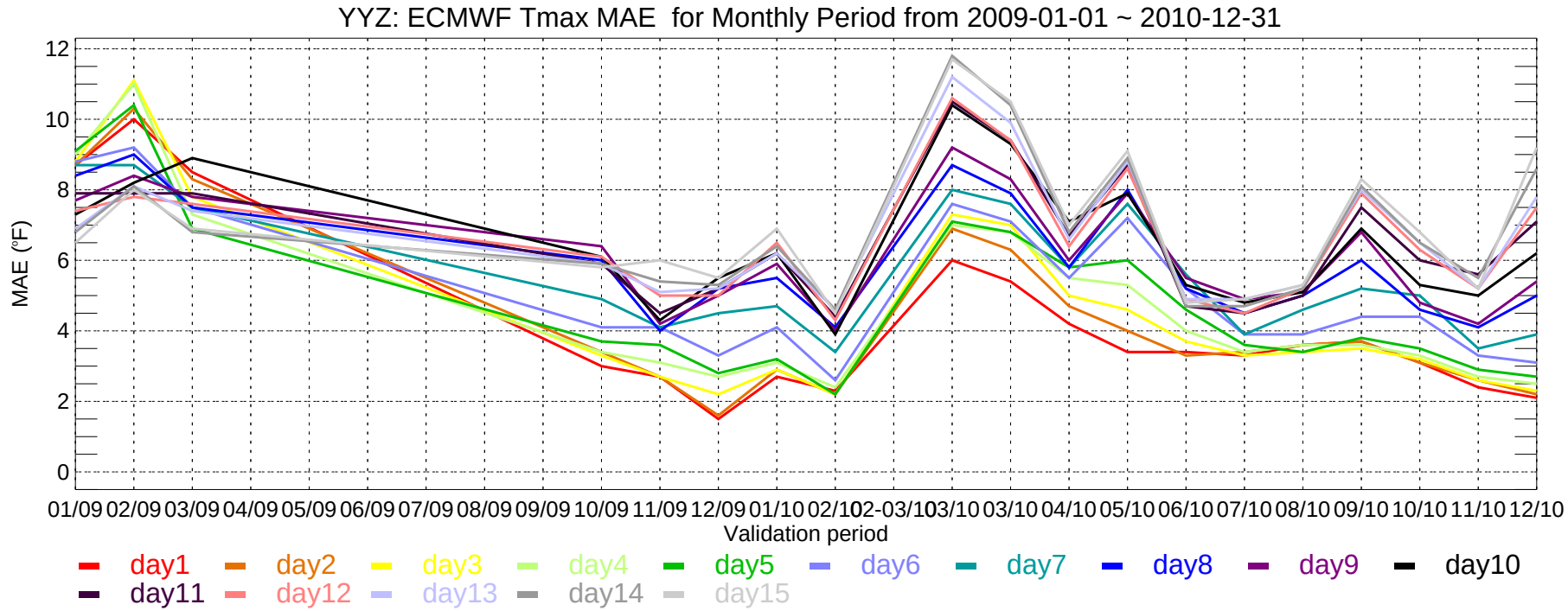

YXD: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
20
15
10
5
0
-5
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

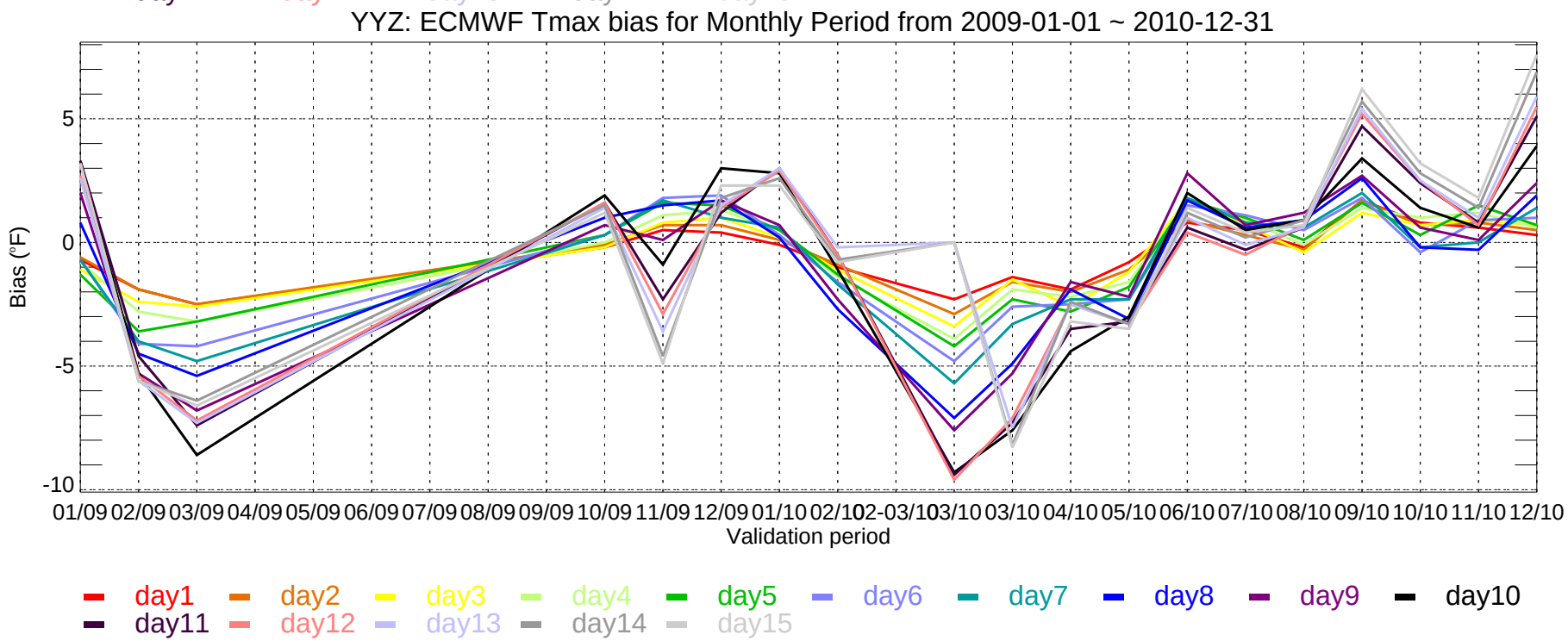

YYC: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
15
10
5
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

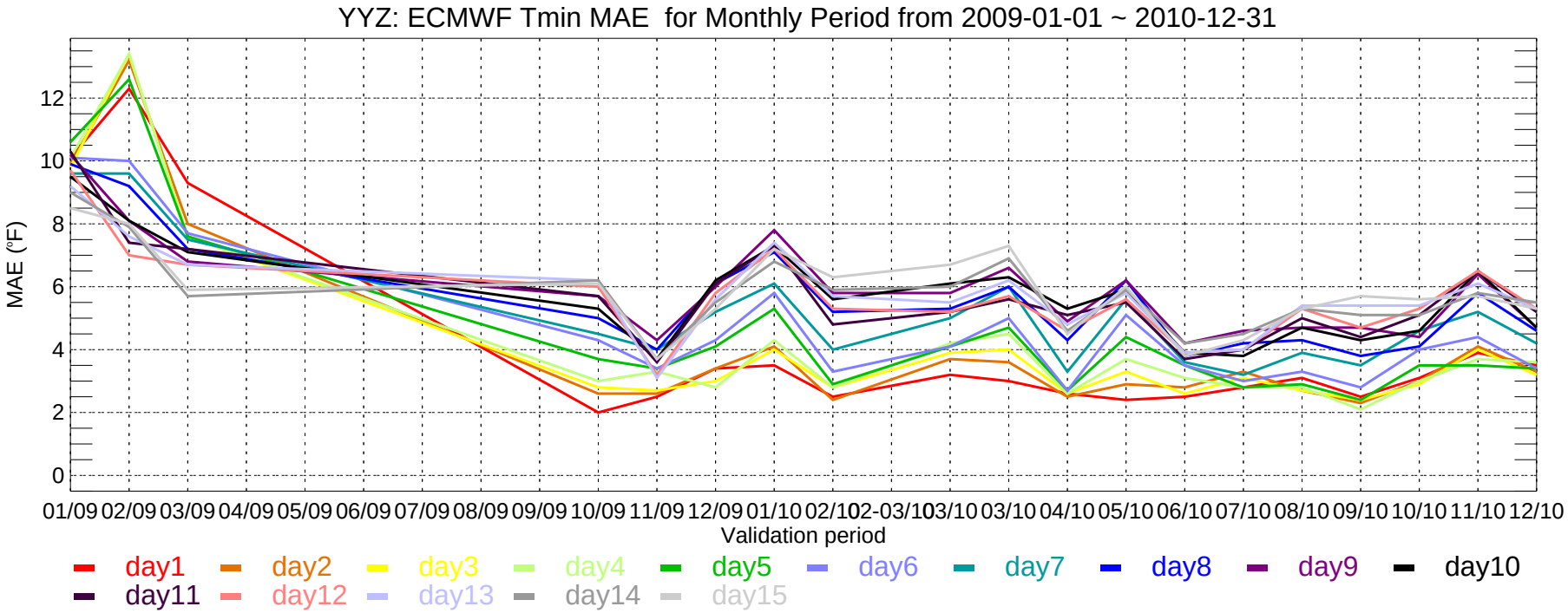

YYC: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
15
10
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

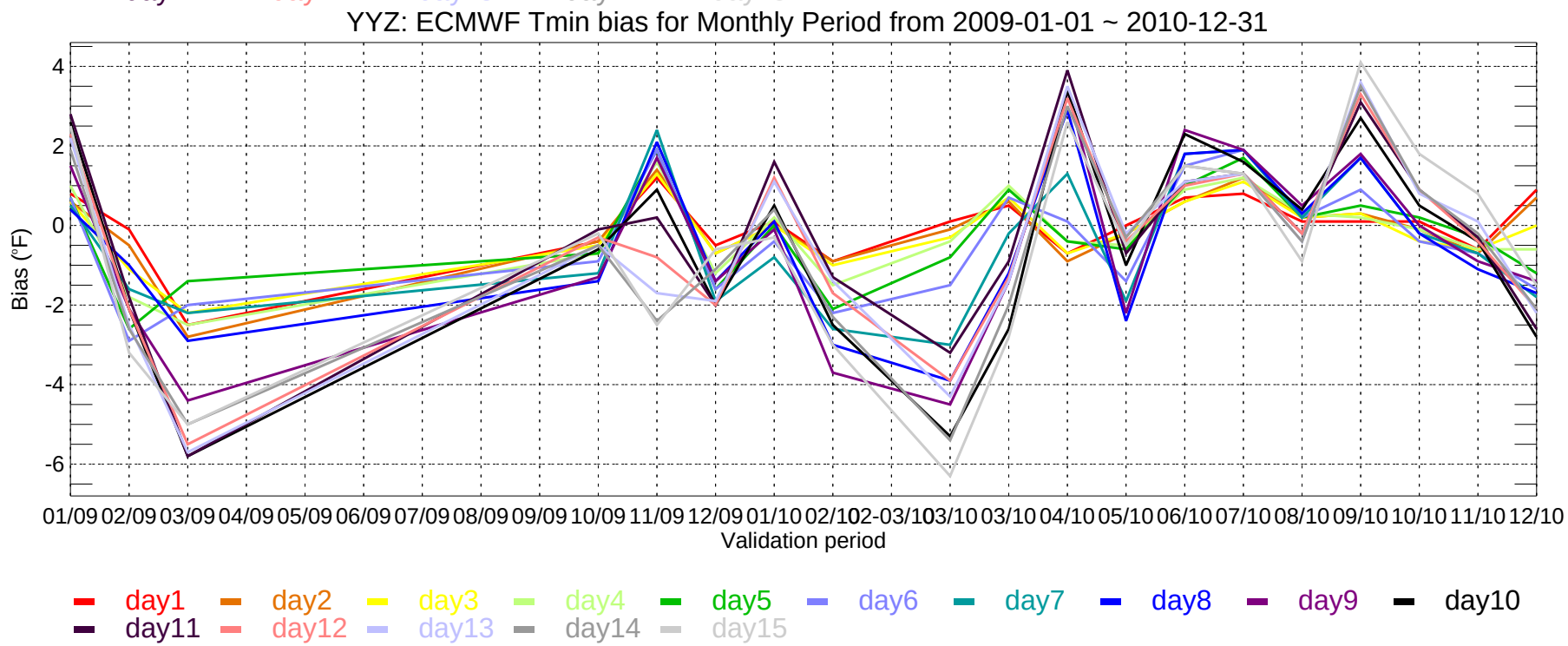

YYC: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
14
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

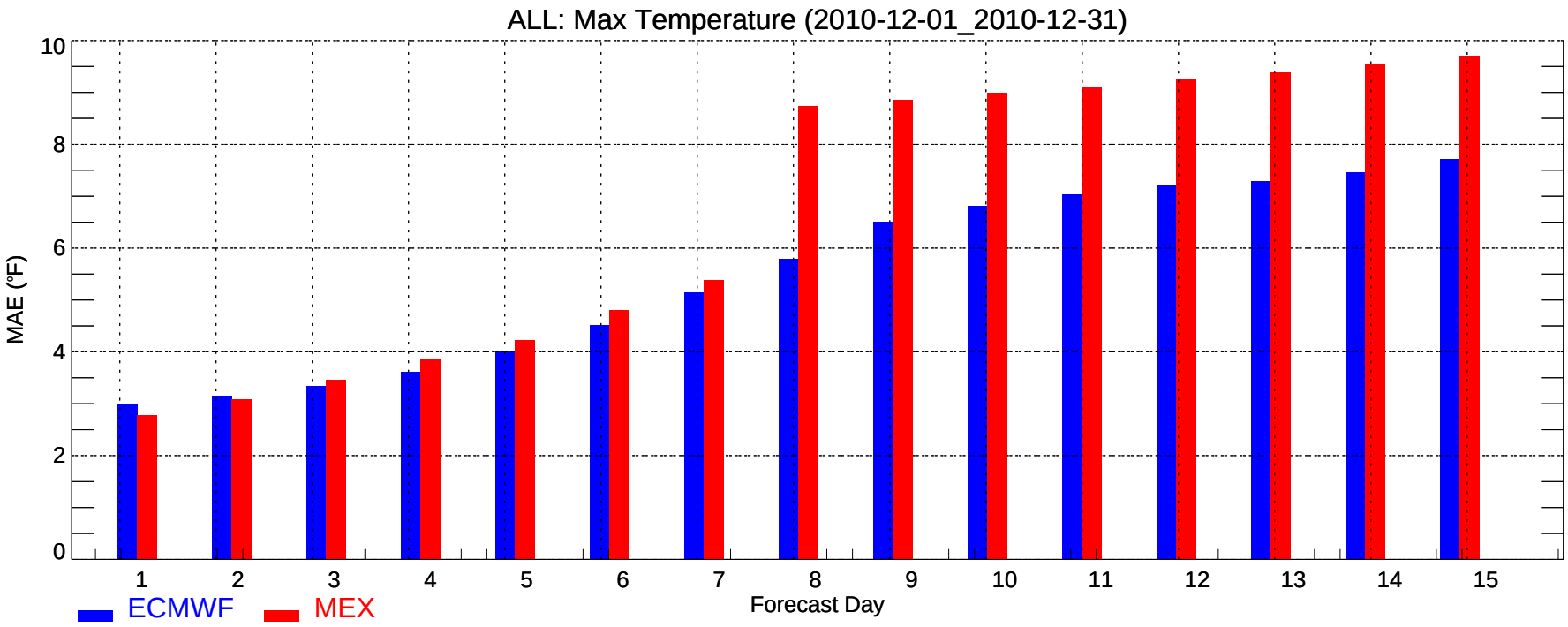

YYC: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
-5
0
5
10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

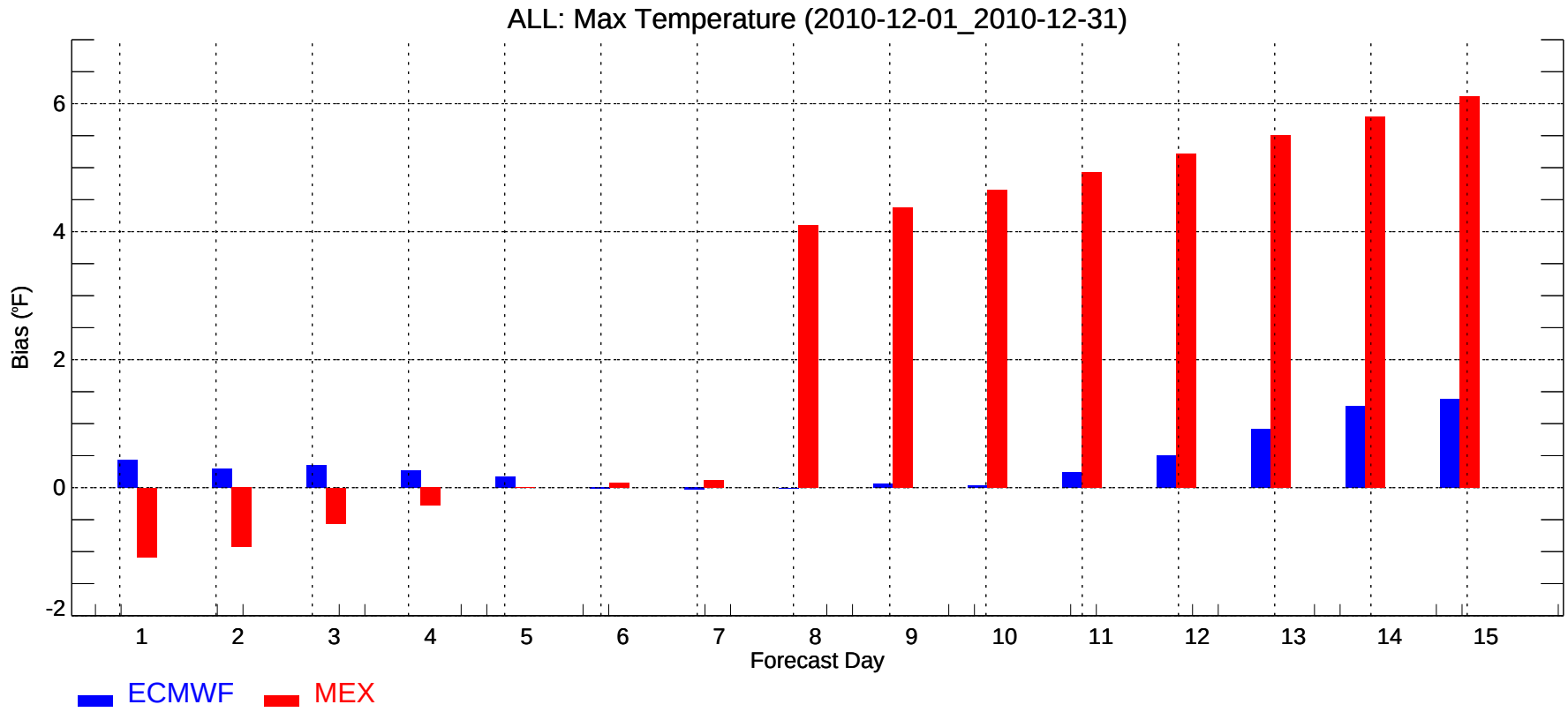

YYZ: ECMWF Tmax MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
12
10
8
6
4
2
0
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

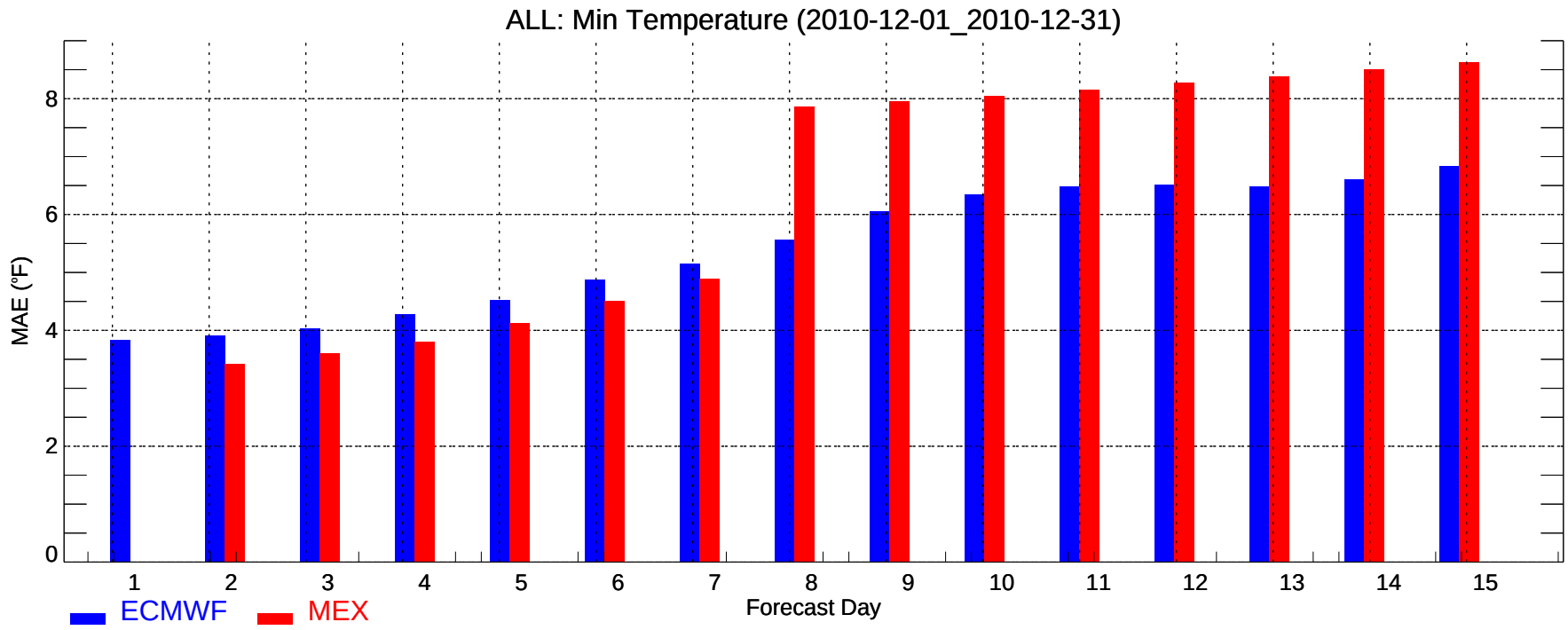

YYZ: ECMWF Tmax bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
5
0
-5
-10
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

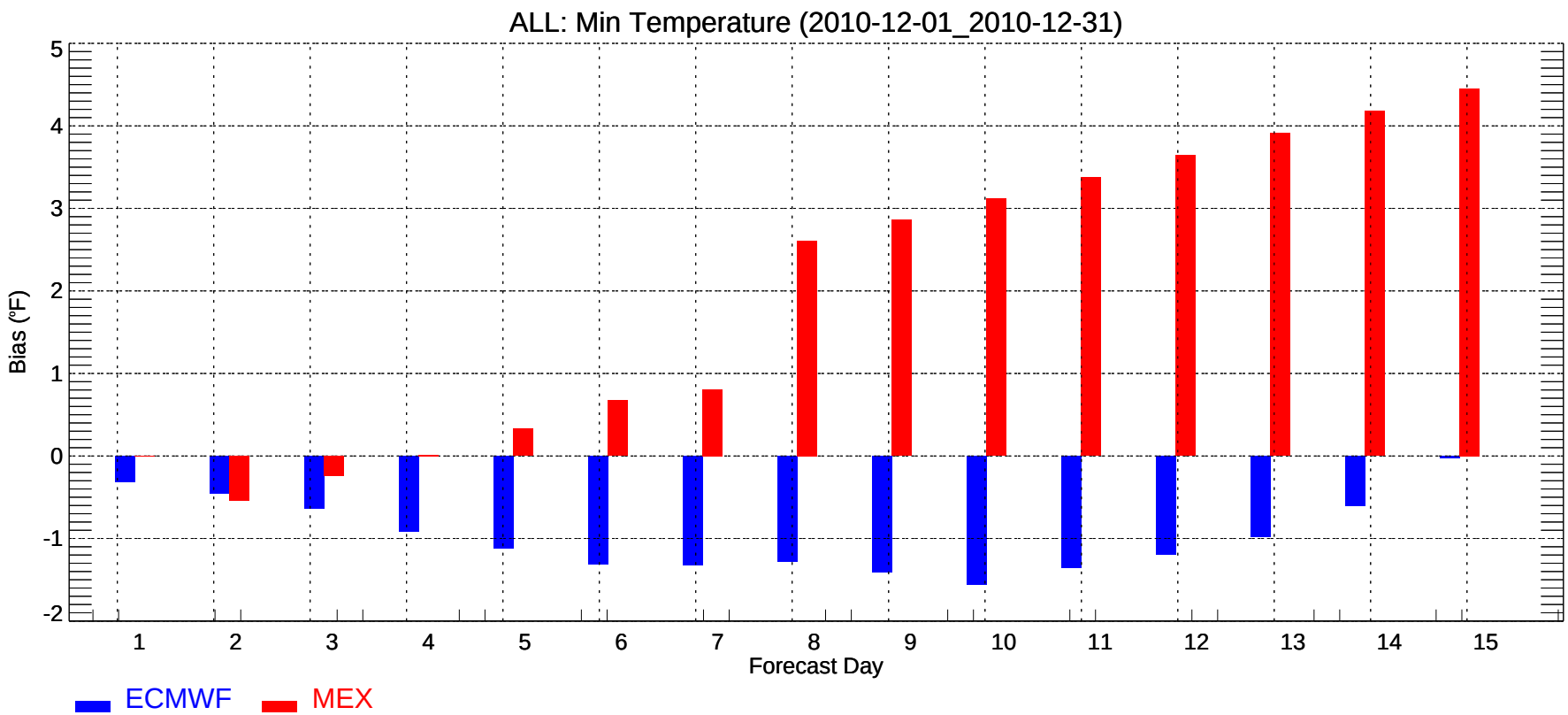

YYZ: ECMWF Tmin MAE for Monthly Period from 2009-01-01 ~ 2010-12-31
MAE (°F)
0
2
4
6
8
10
12
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

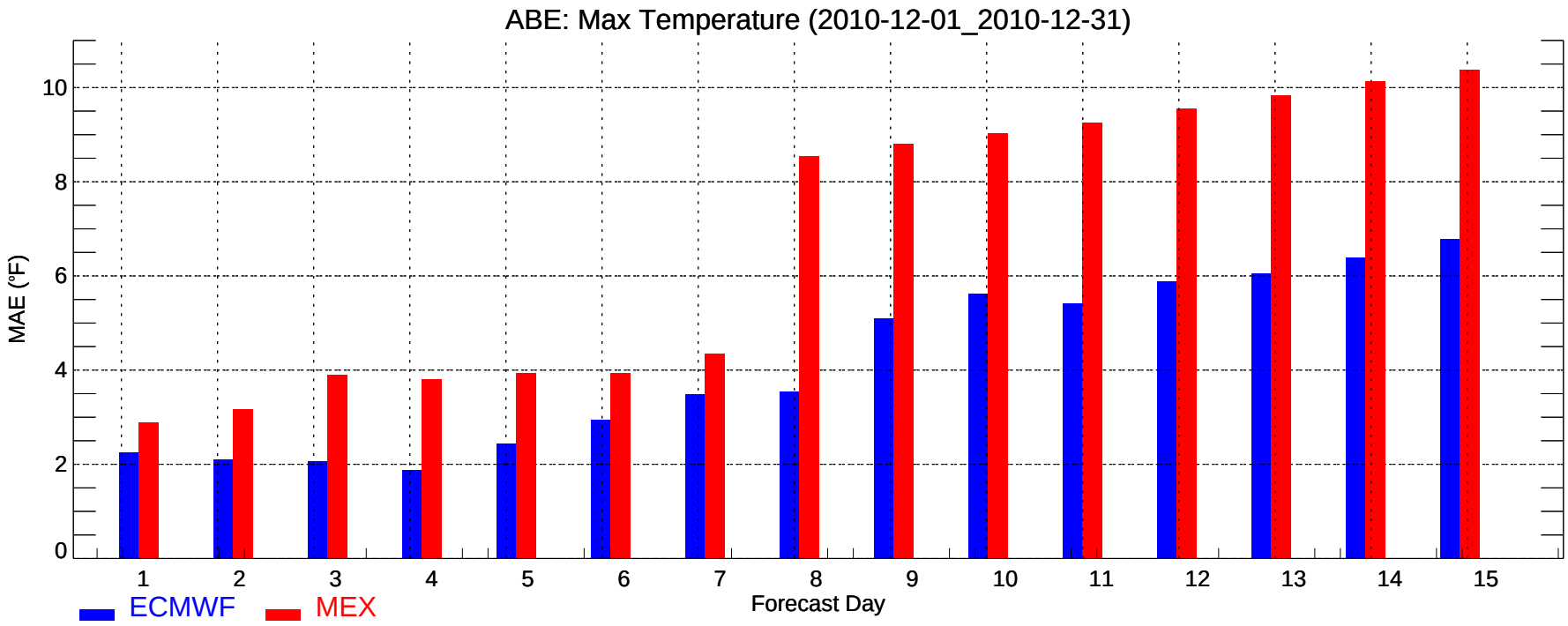

YYZ: ECMWF Tmin bias for Monthly Period from 2009-01-01 ~ 2010-12-31
Bias (°F)
4
2
0
-2
-4
-6
01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 2-03/10 3/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

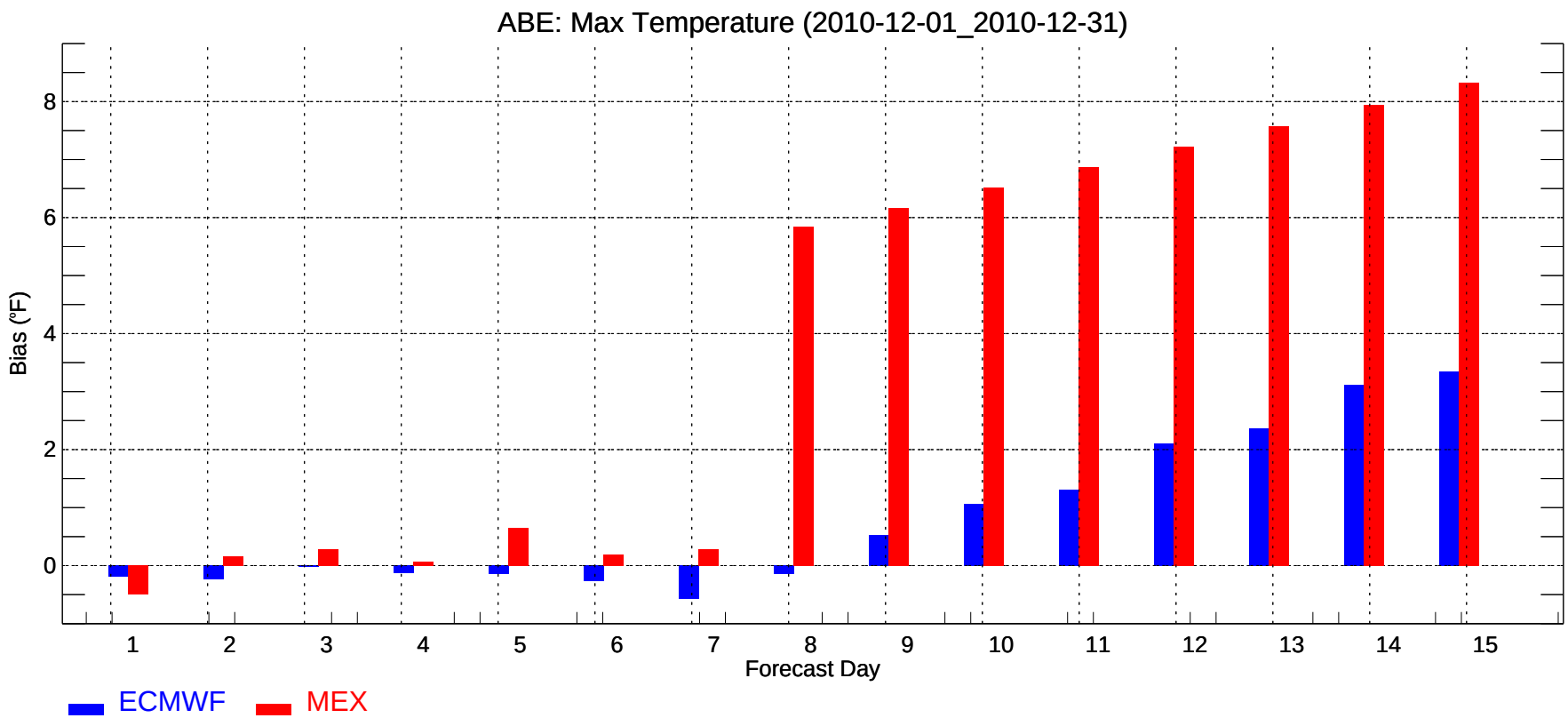

ALL: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

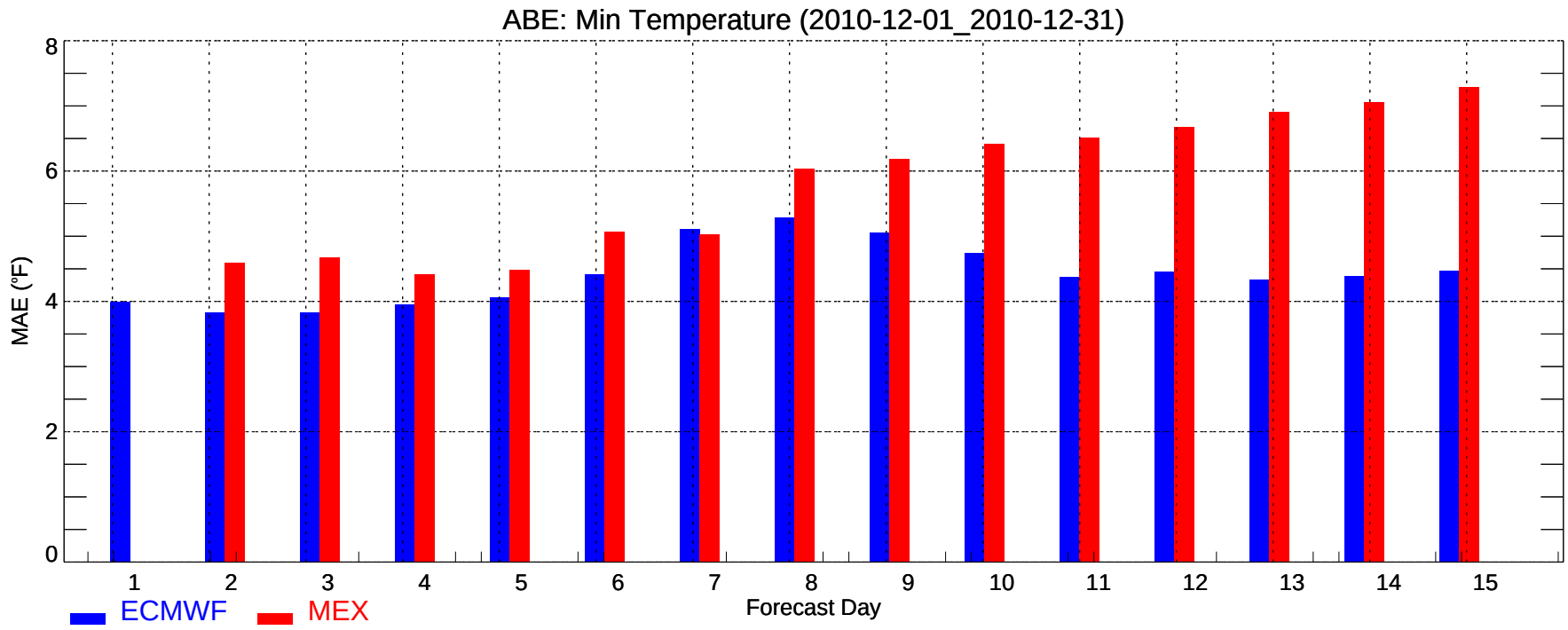

ALL: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

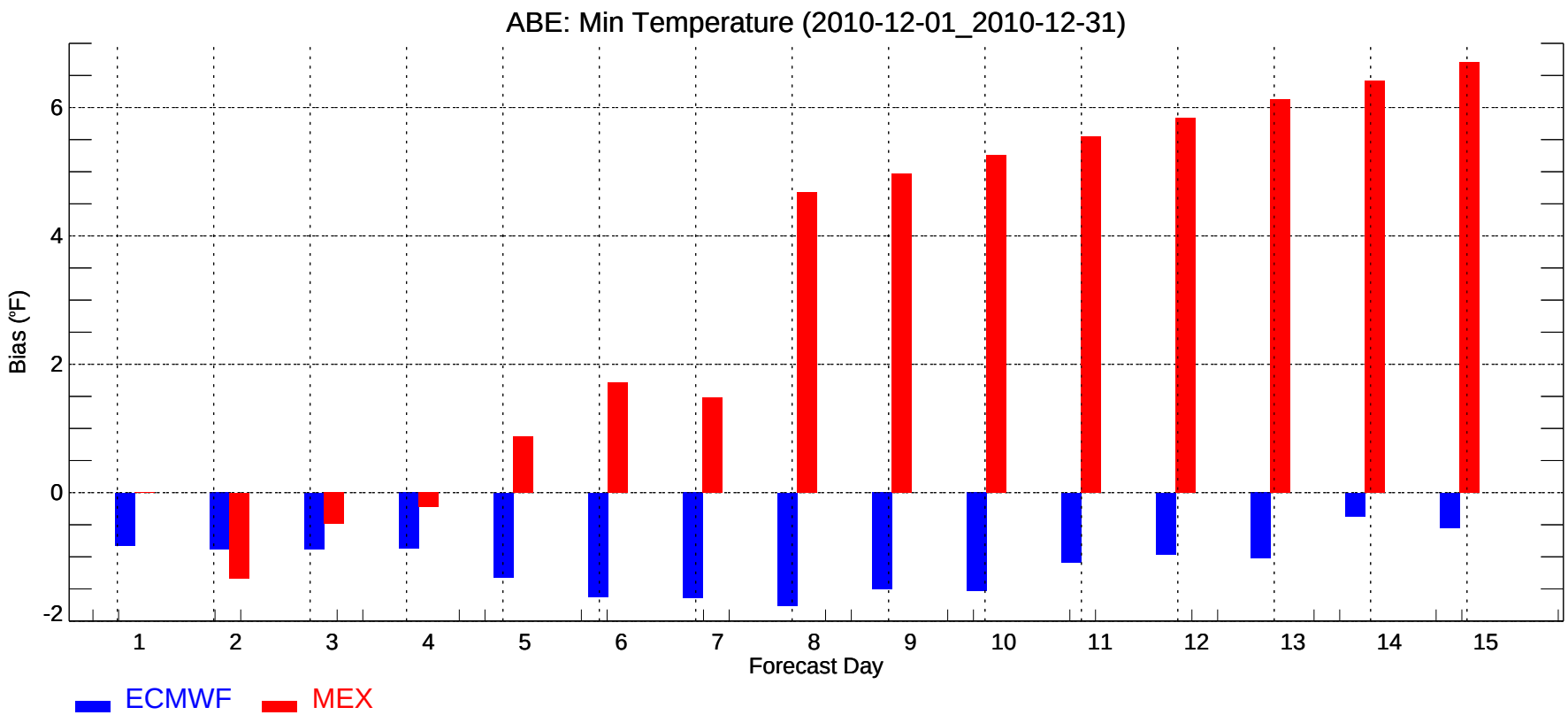

ALL: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

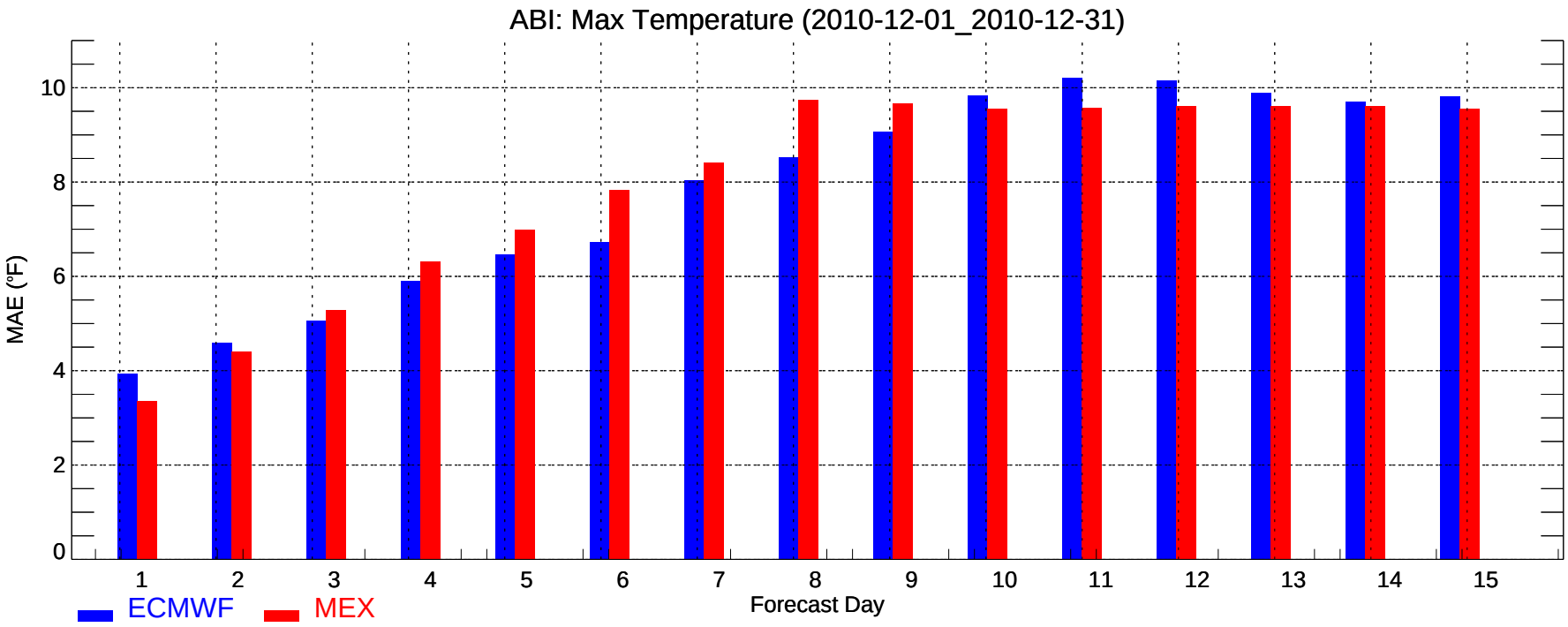

ALL: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
5
4
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

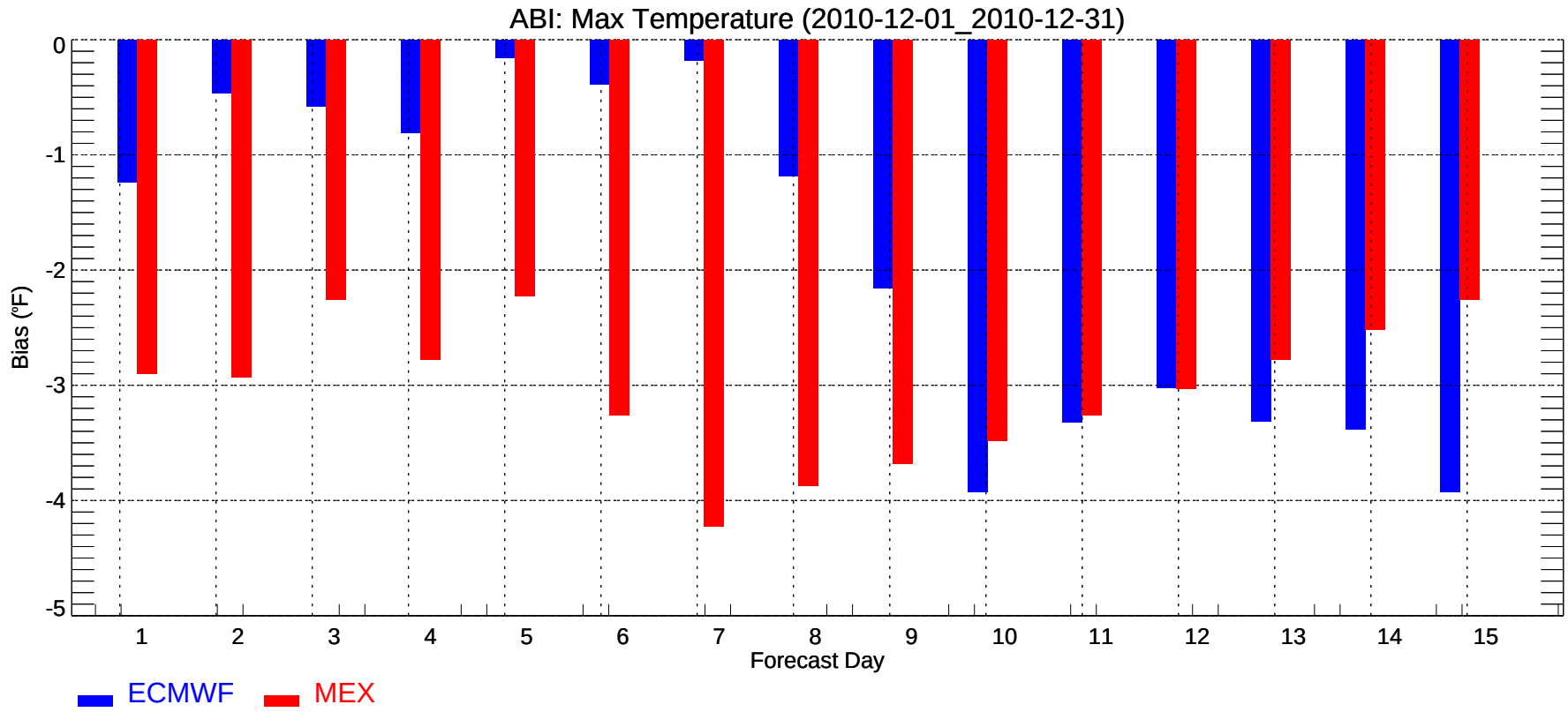

ABE: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

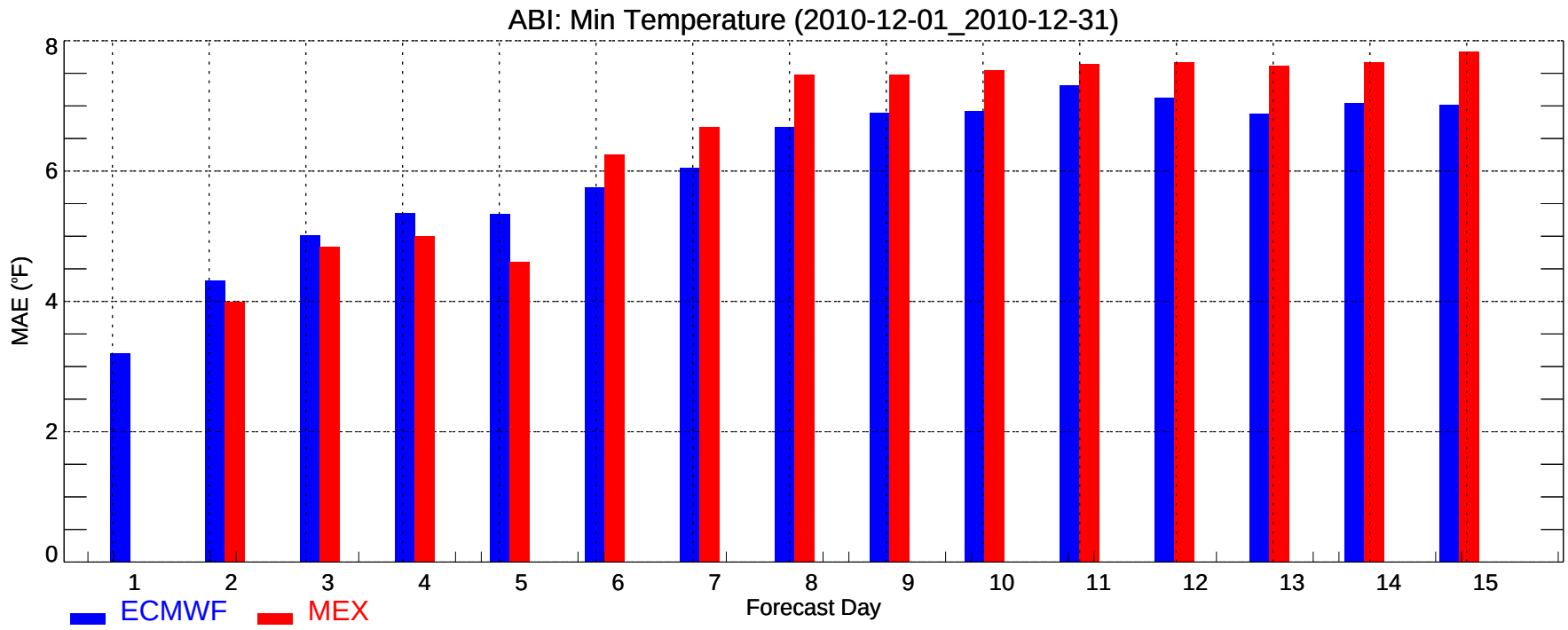

ABE: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

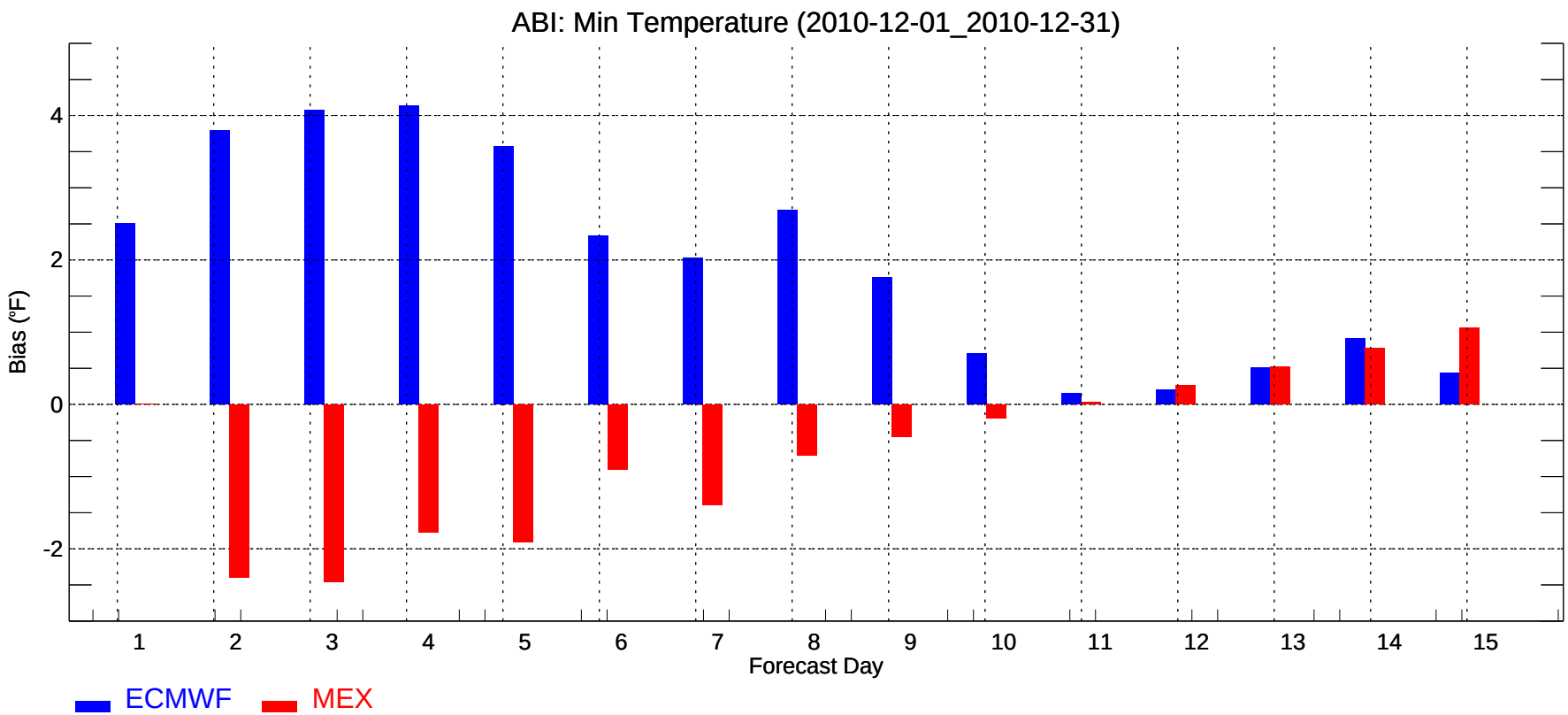

ABE: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

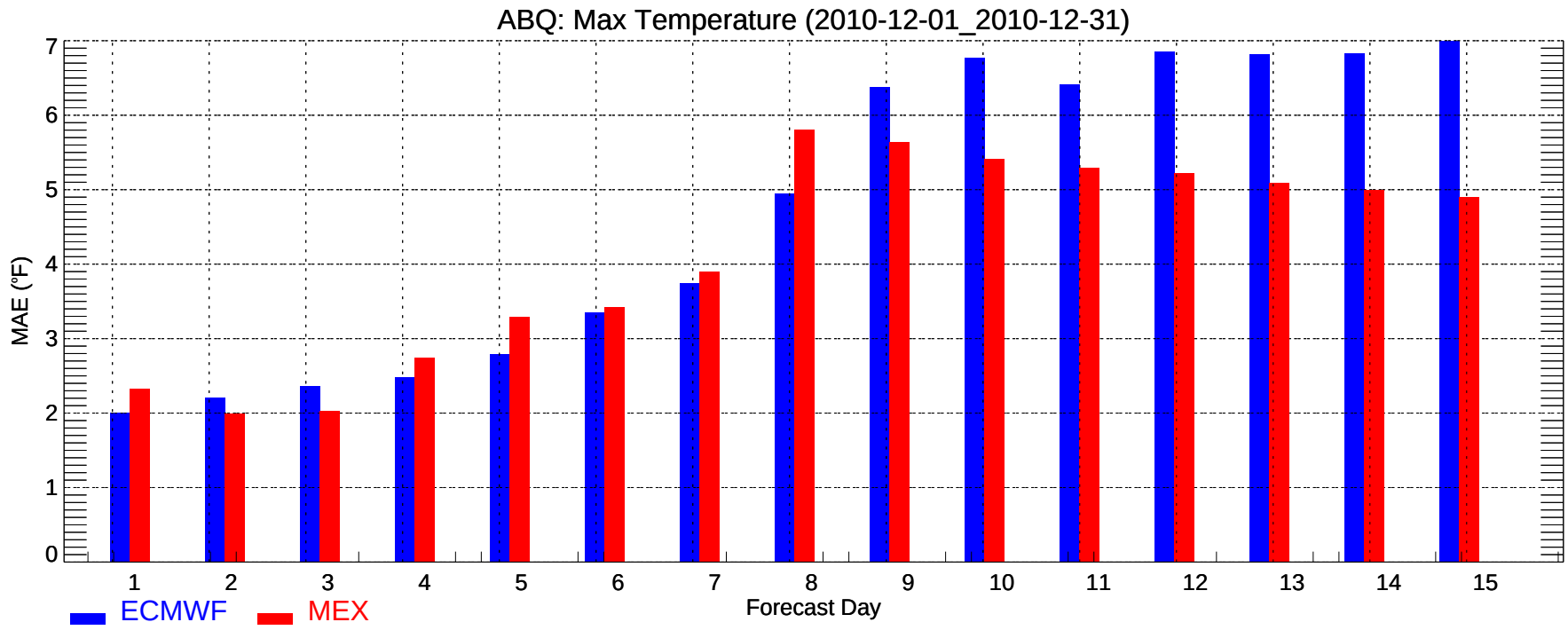

ABE: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

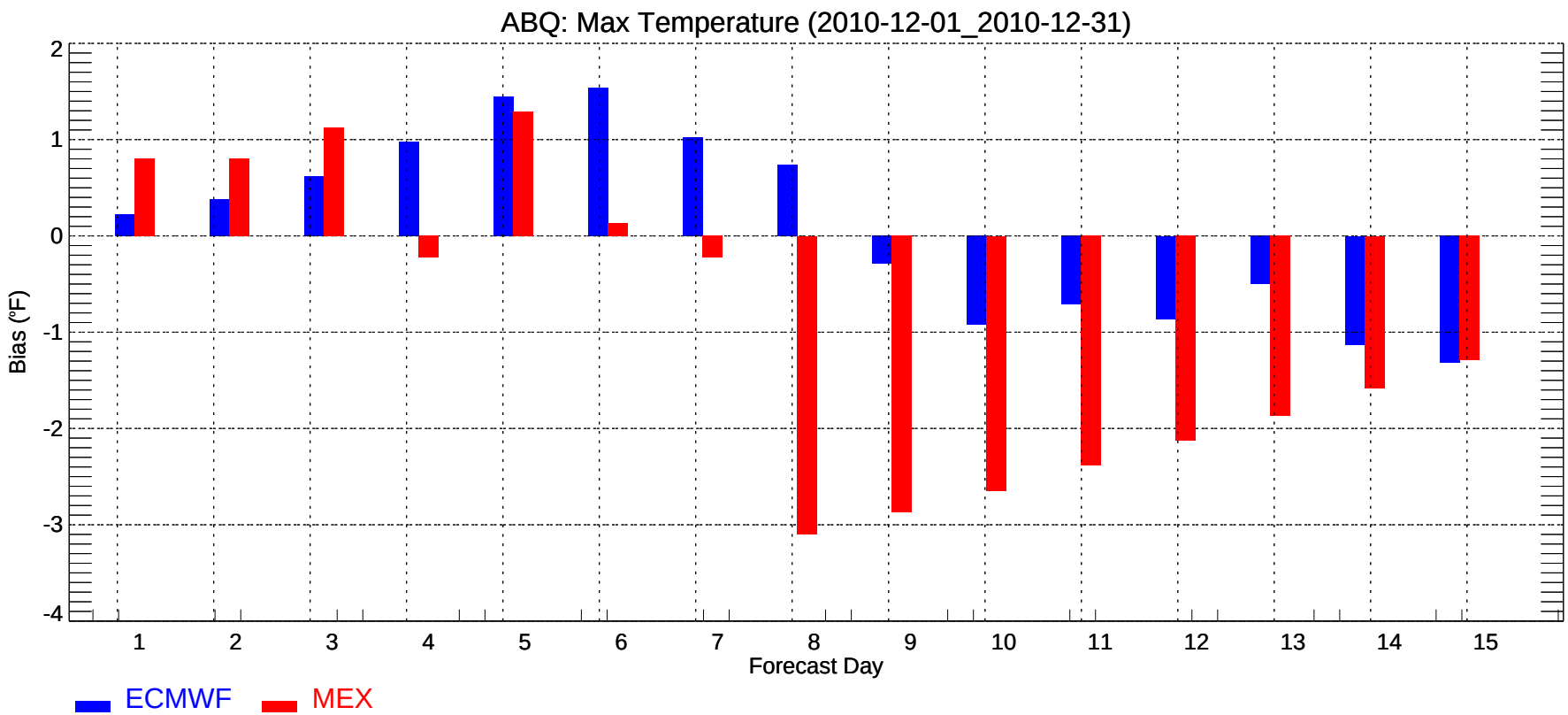

ABI: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

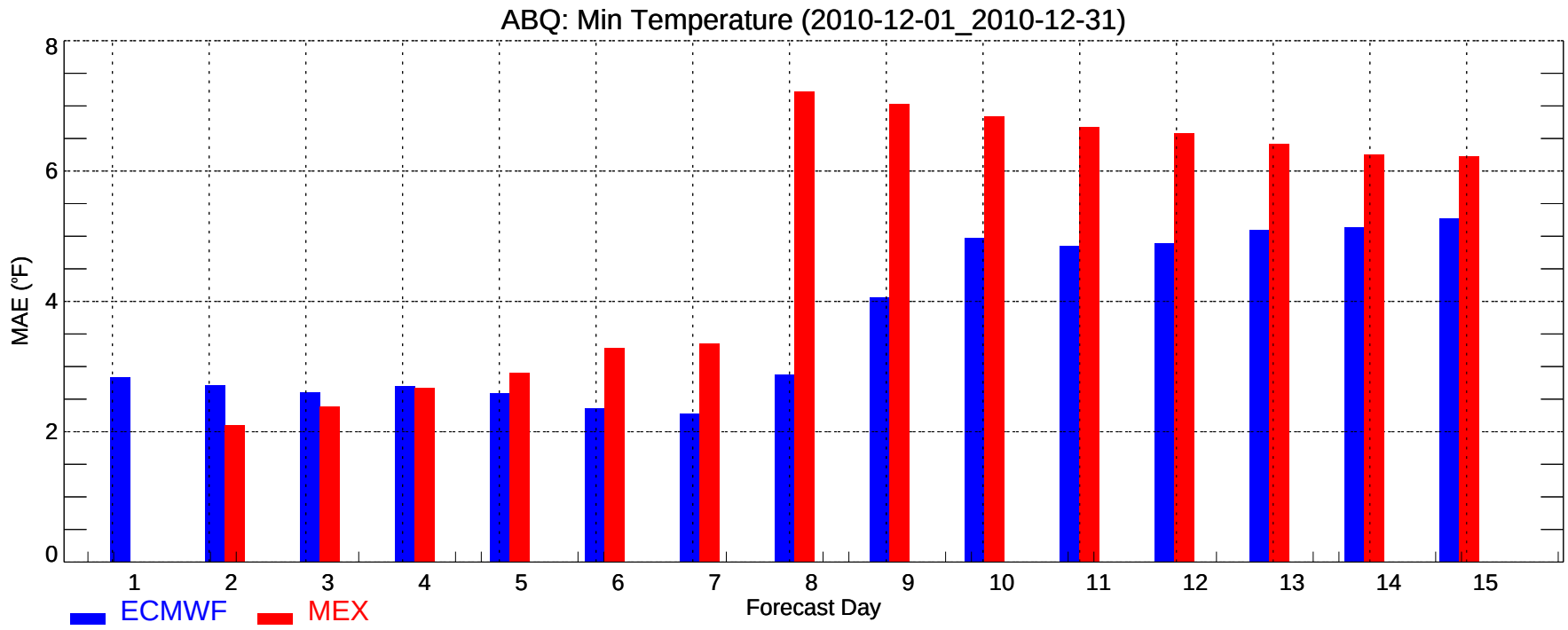

ABI: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

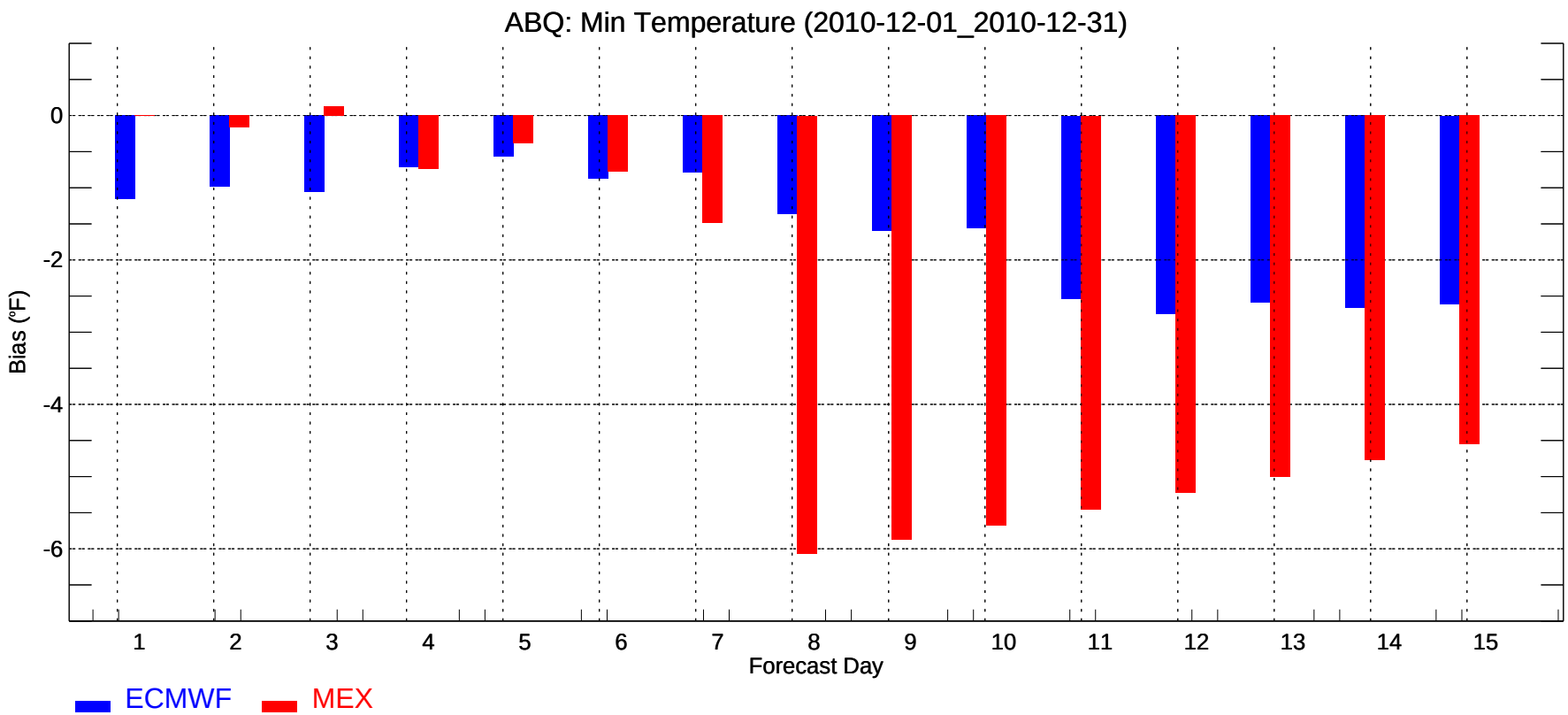

ABI: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

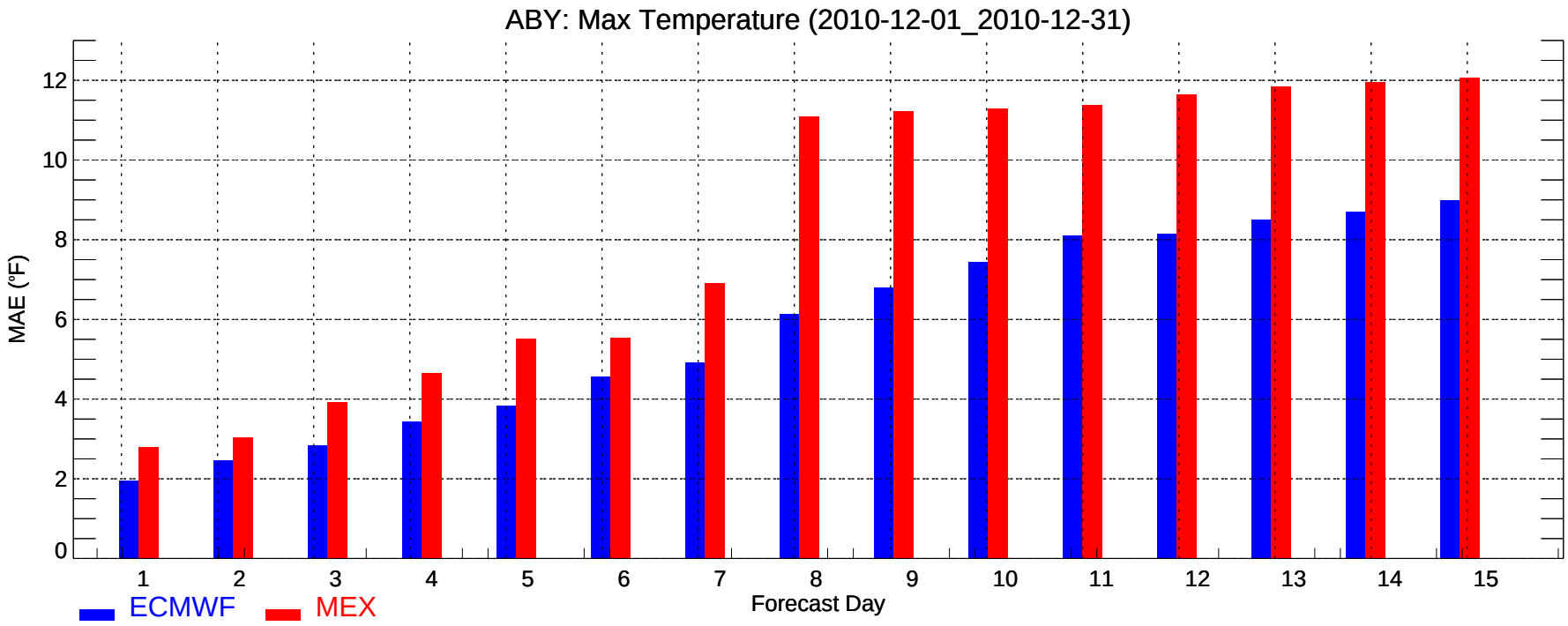

ABI: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

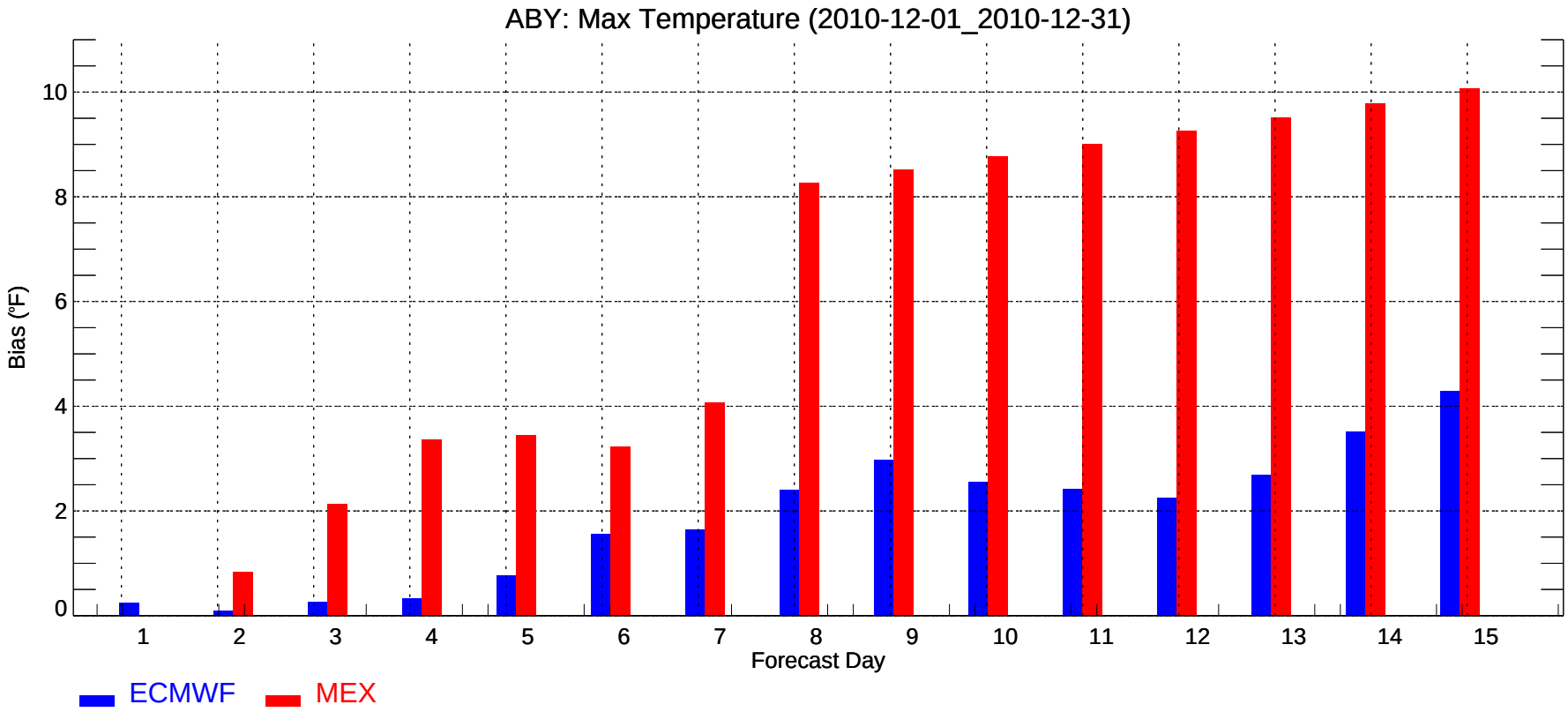

ABQ: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

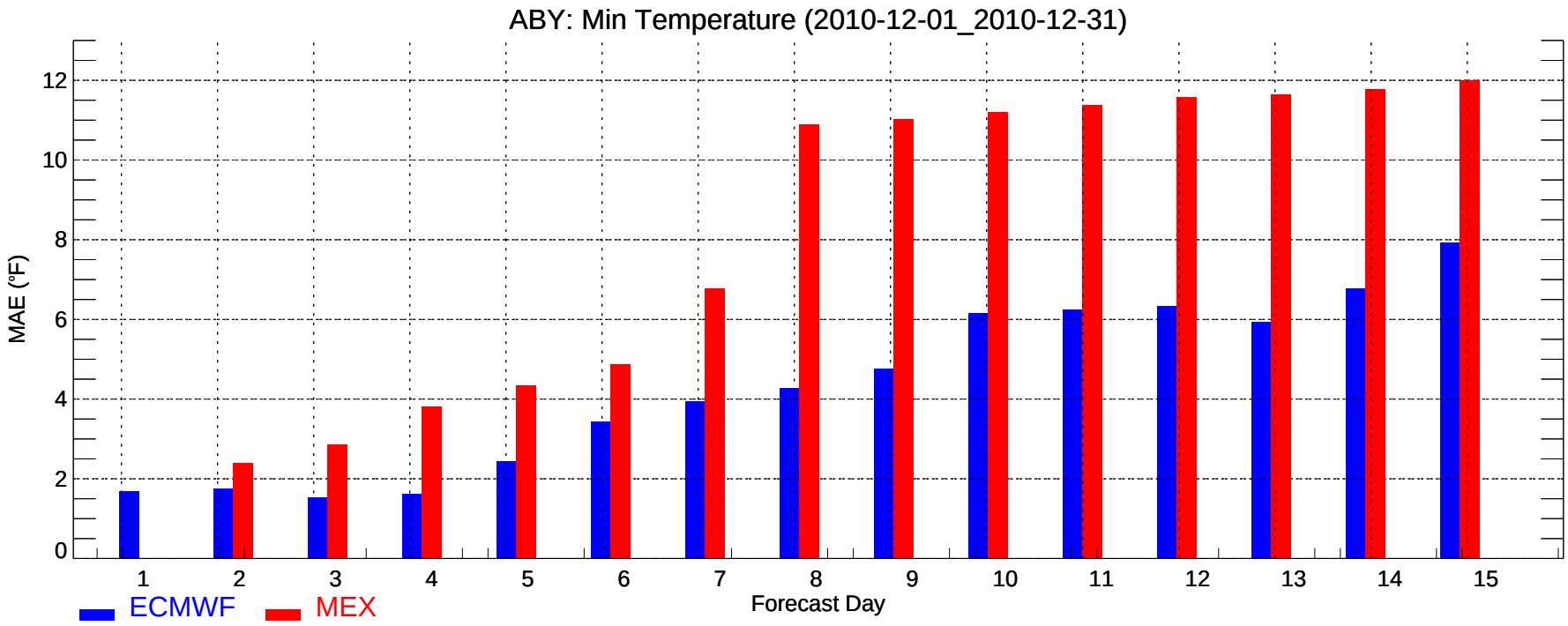

ABQ: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

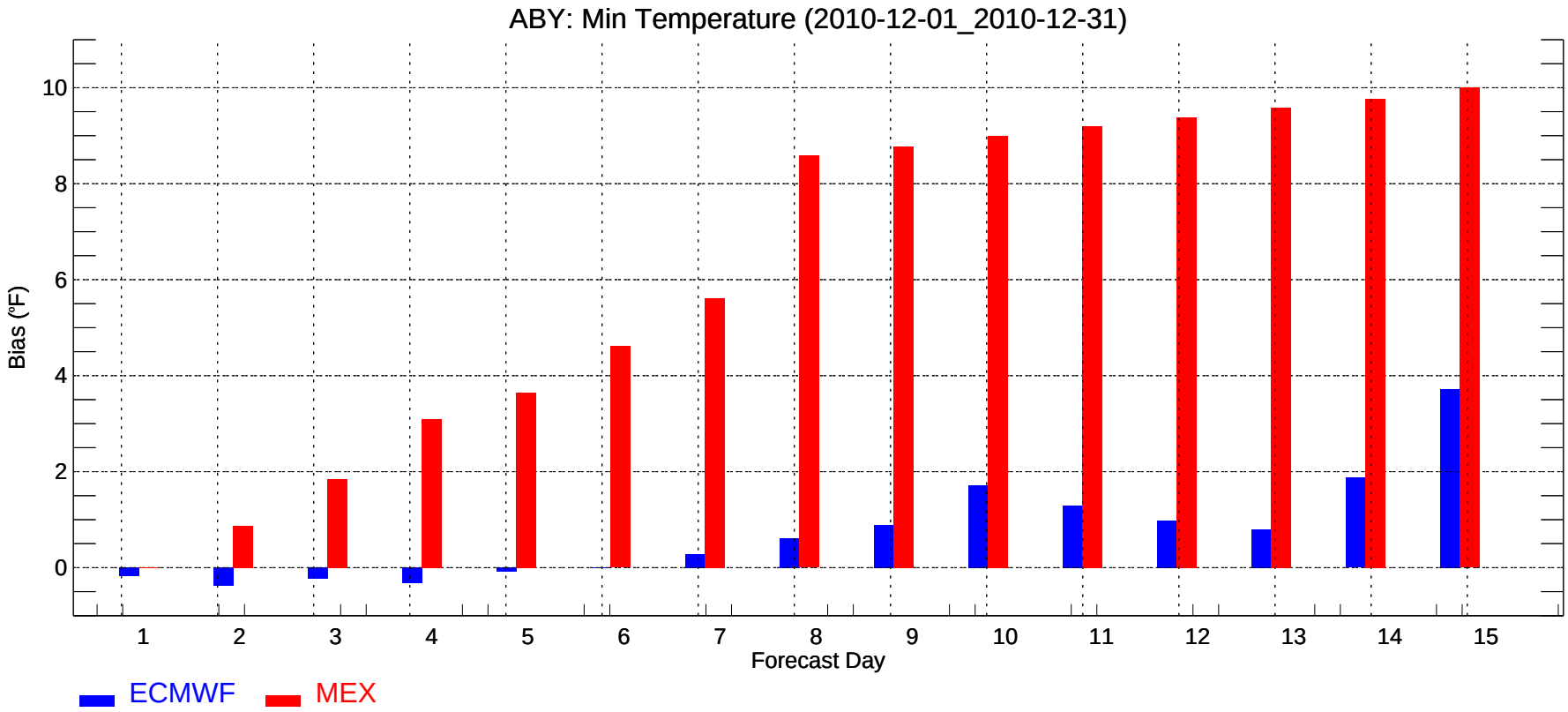

ABQ: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

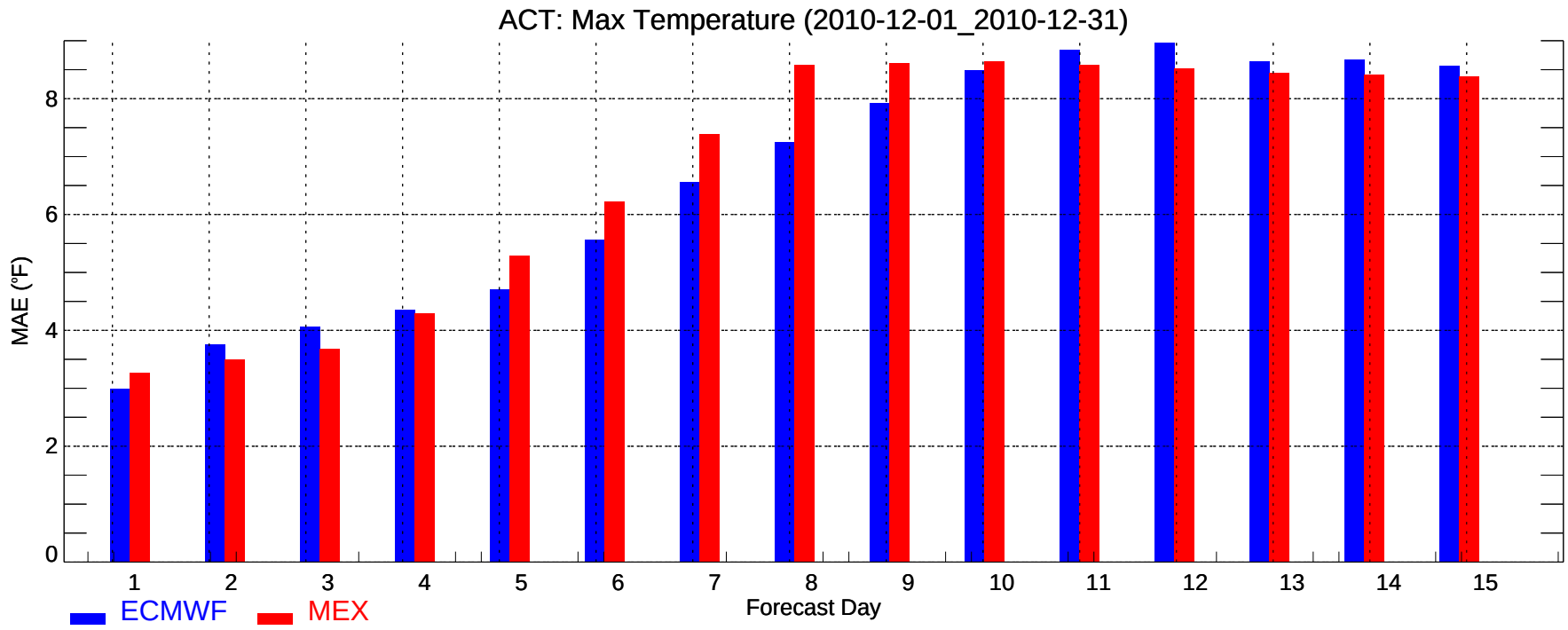

ABQ: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

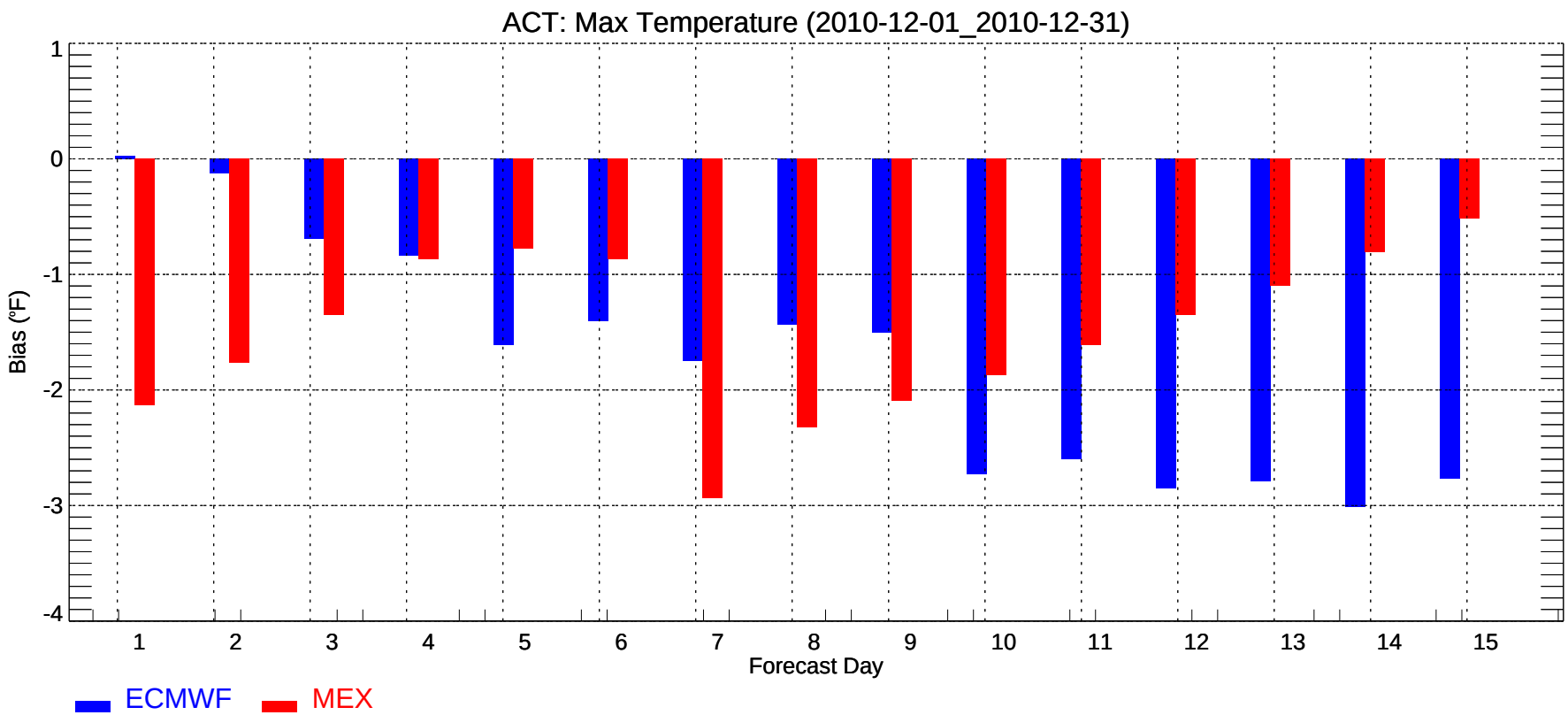

ABY: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

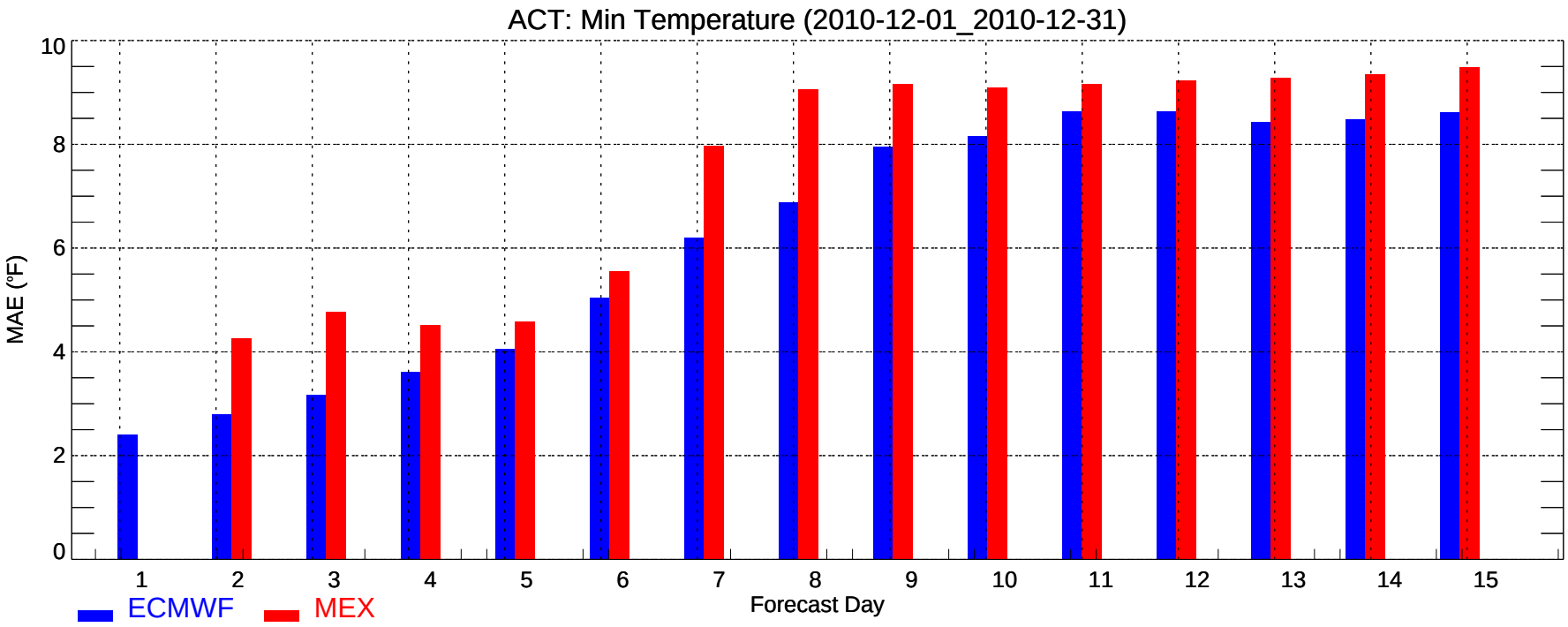

ABY: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

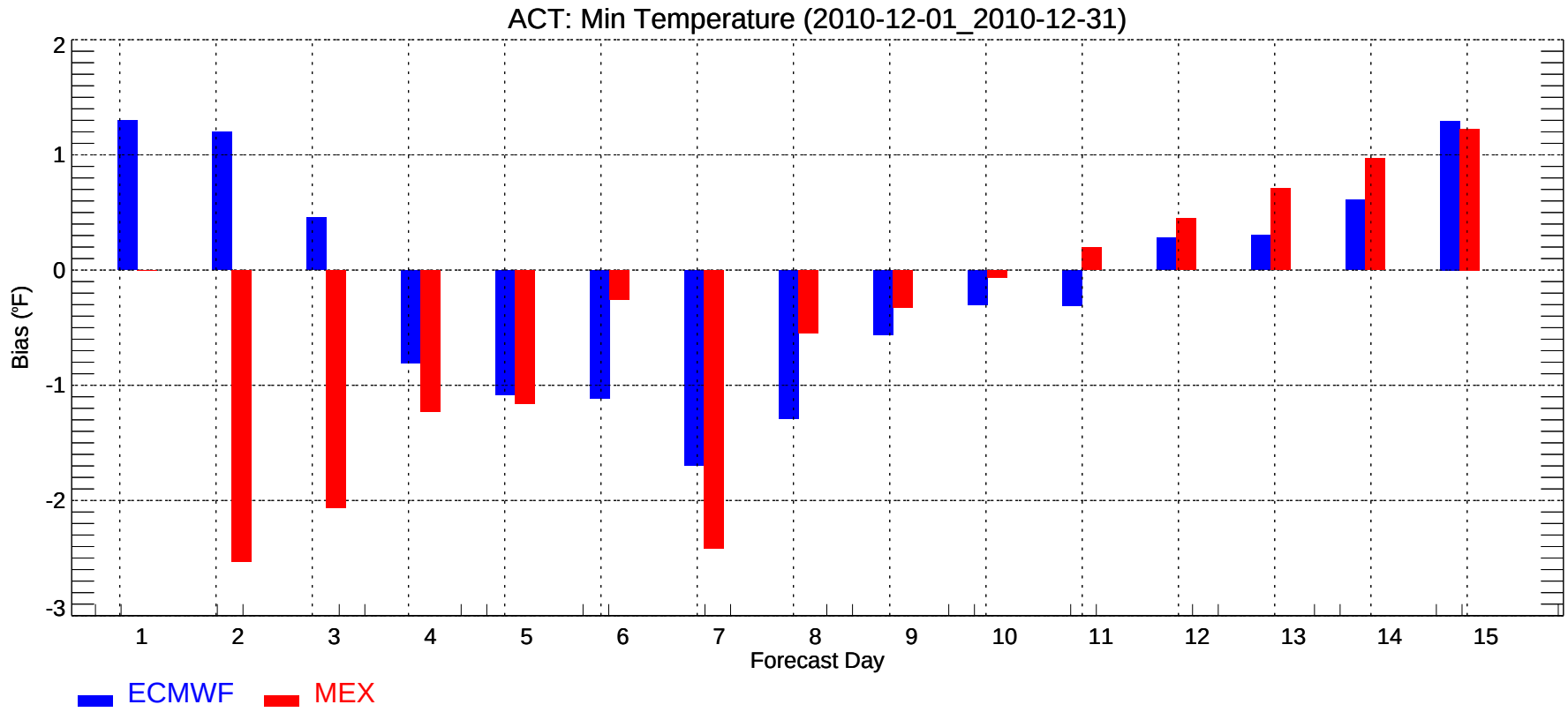

ABY: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

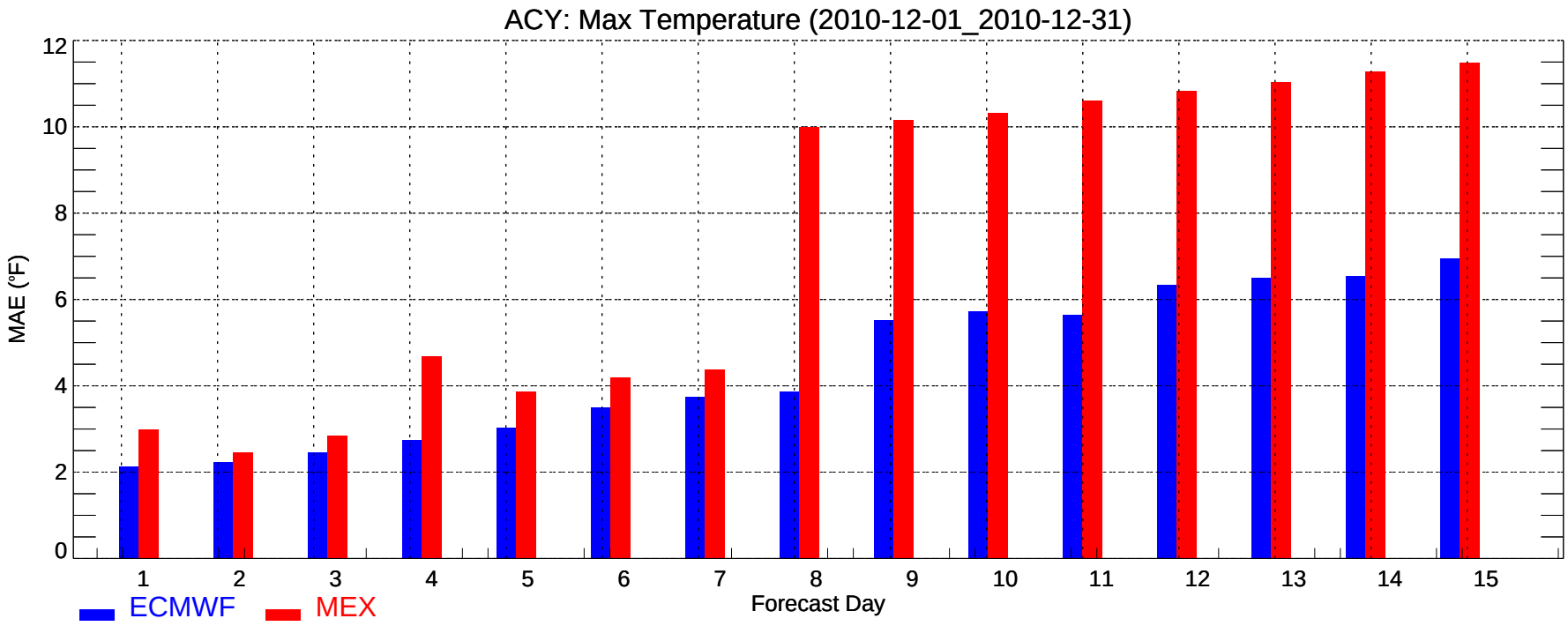

ABY: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

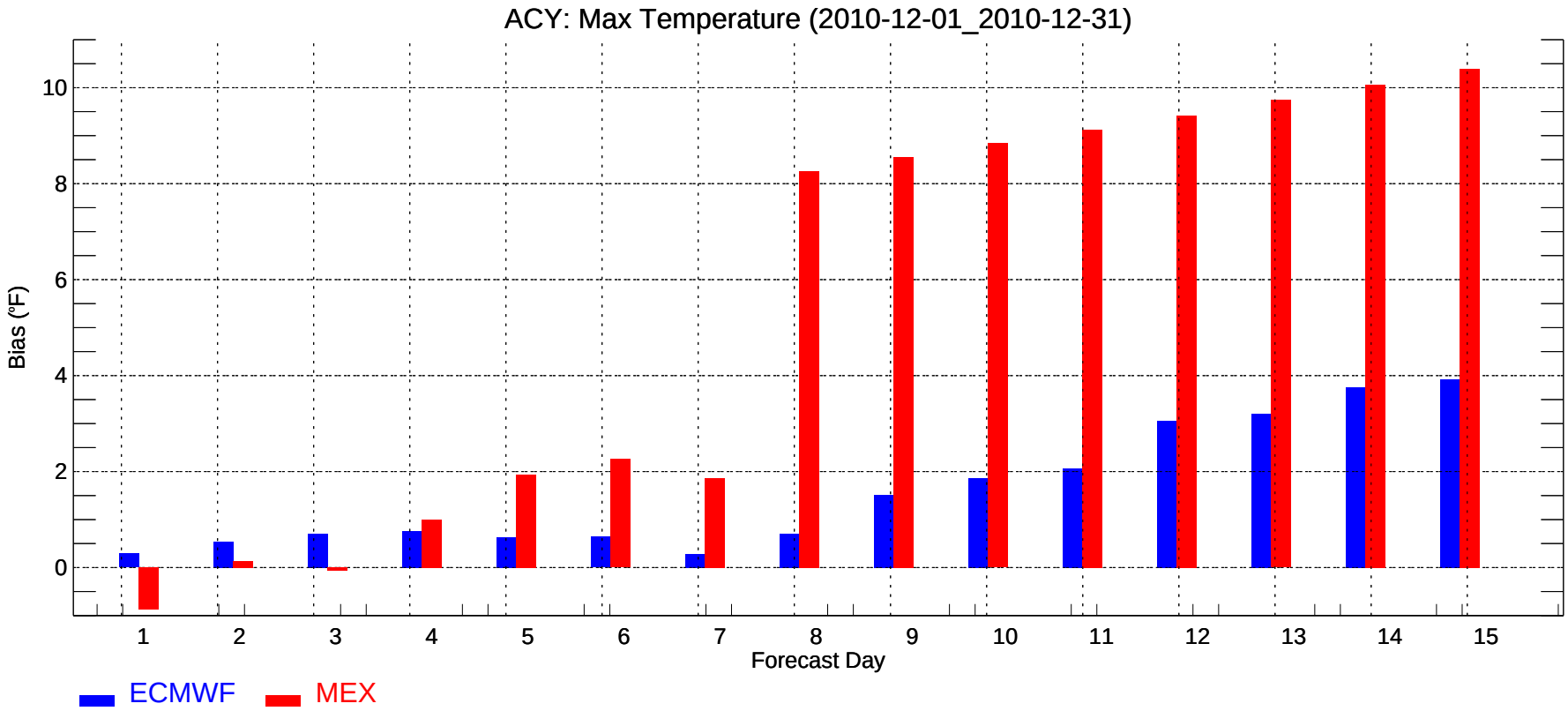

ACT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

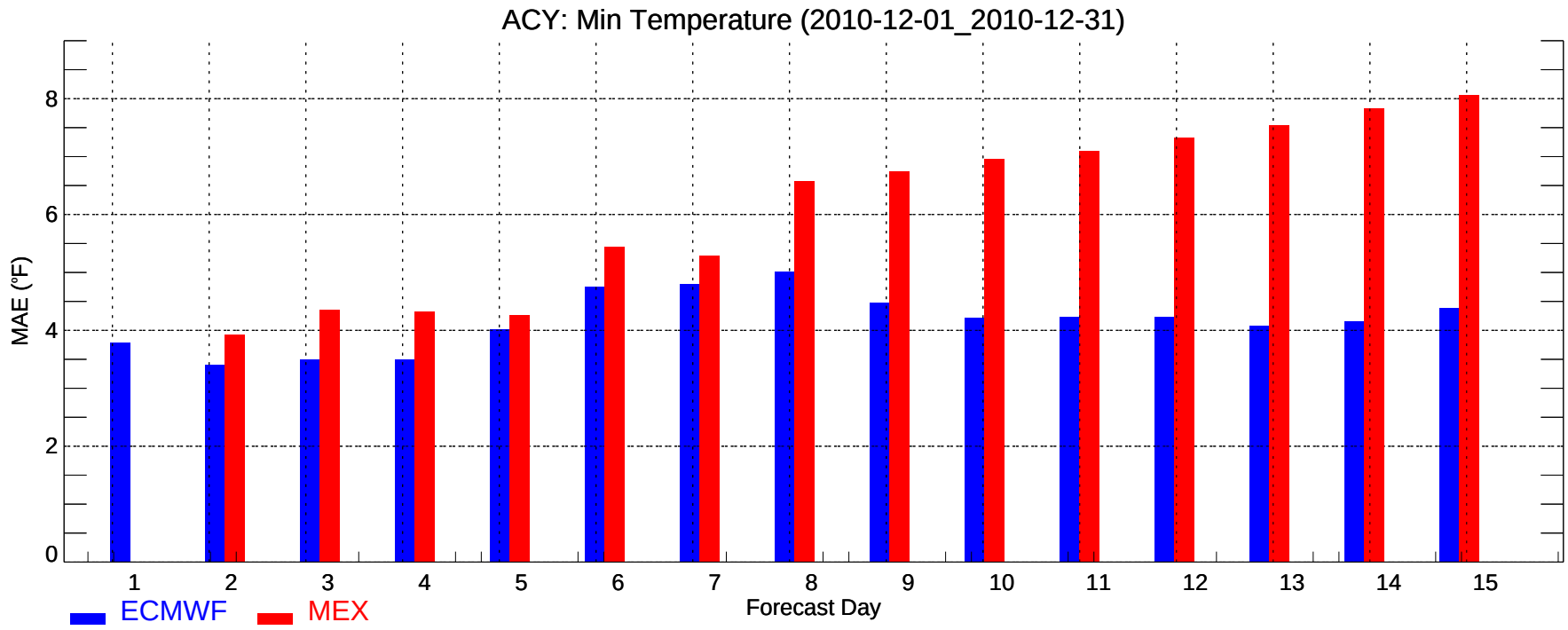

ACT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

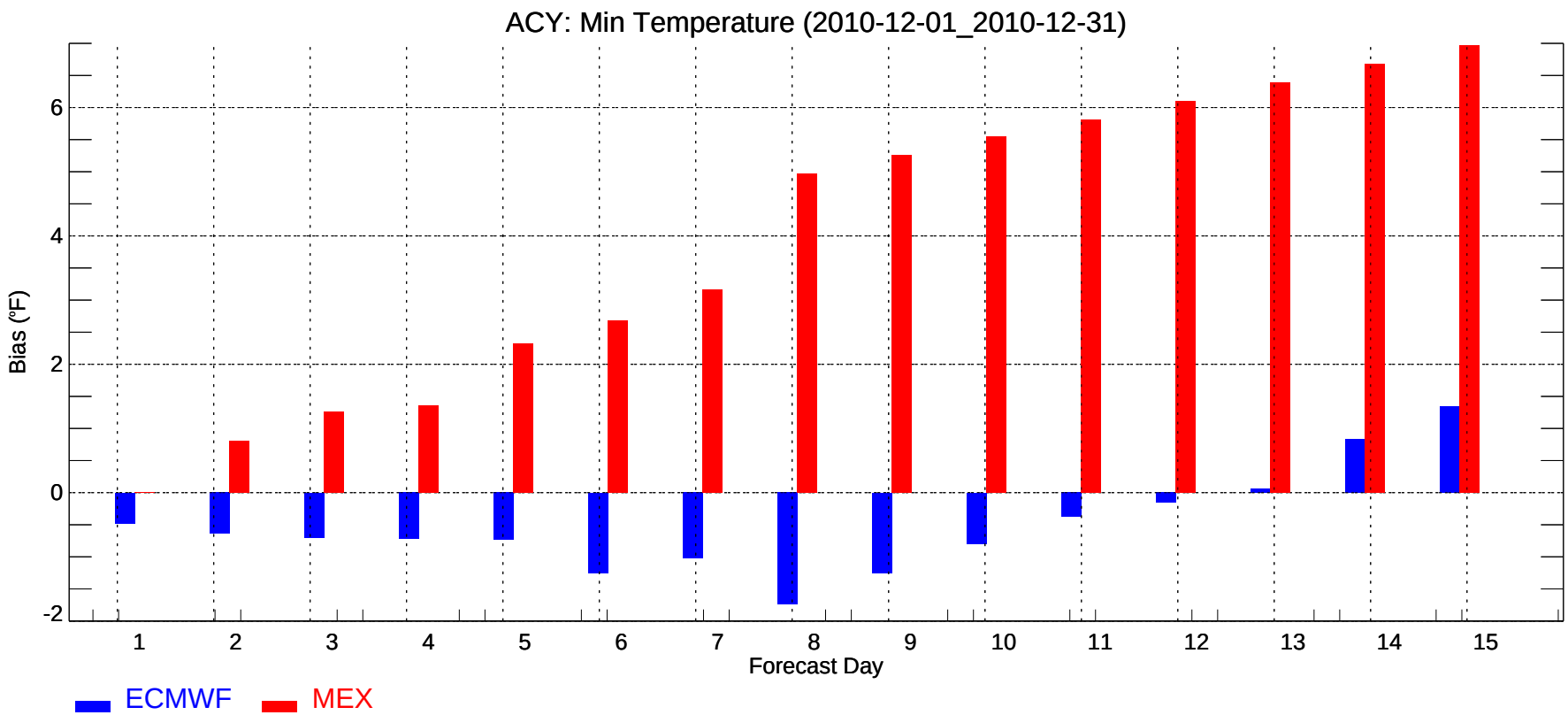

ACT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

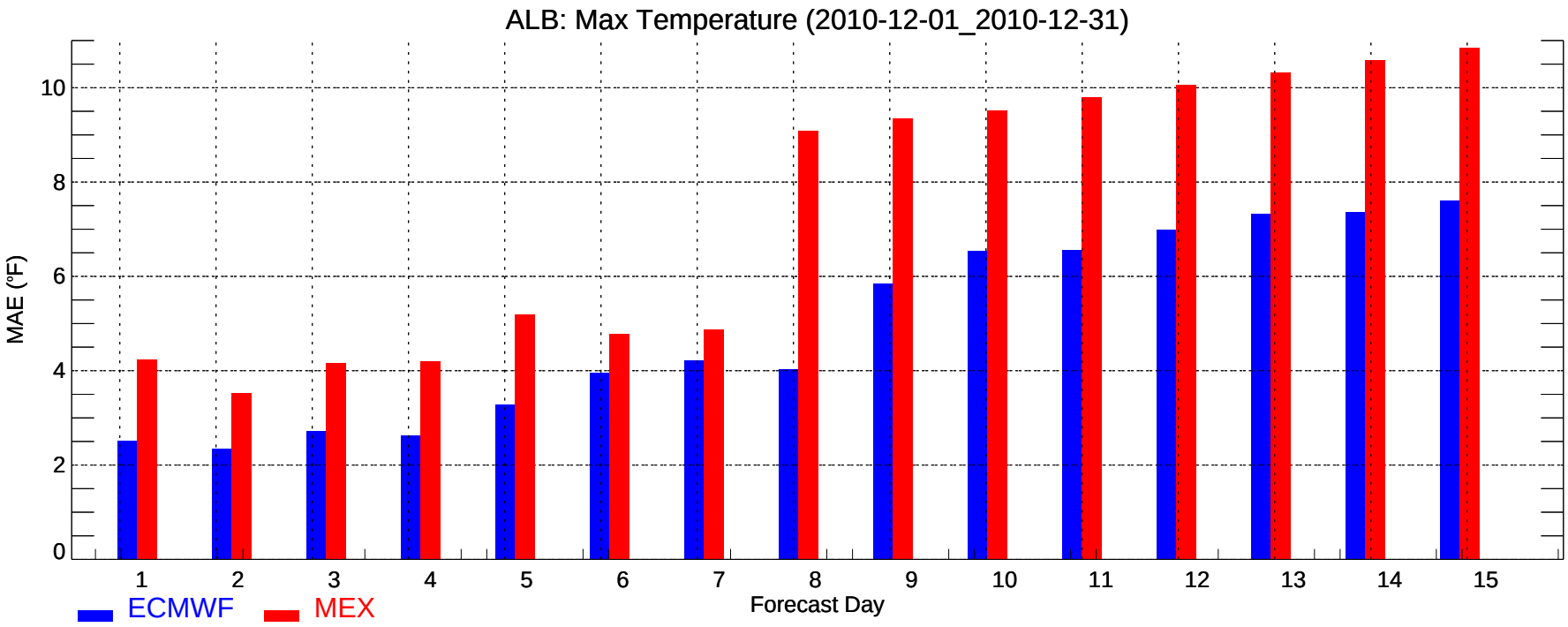

ACT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

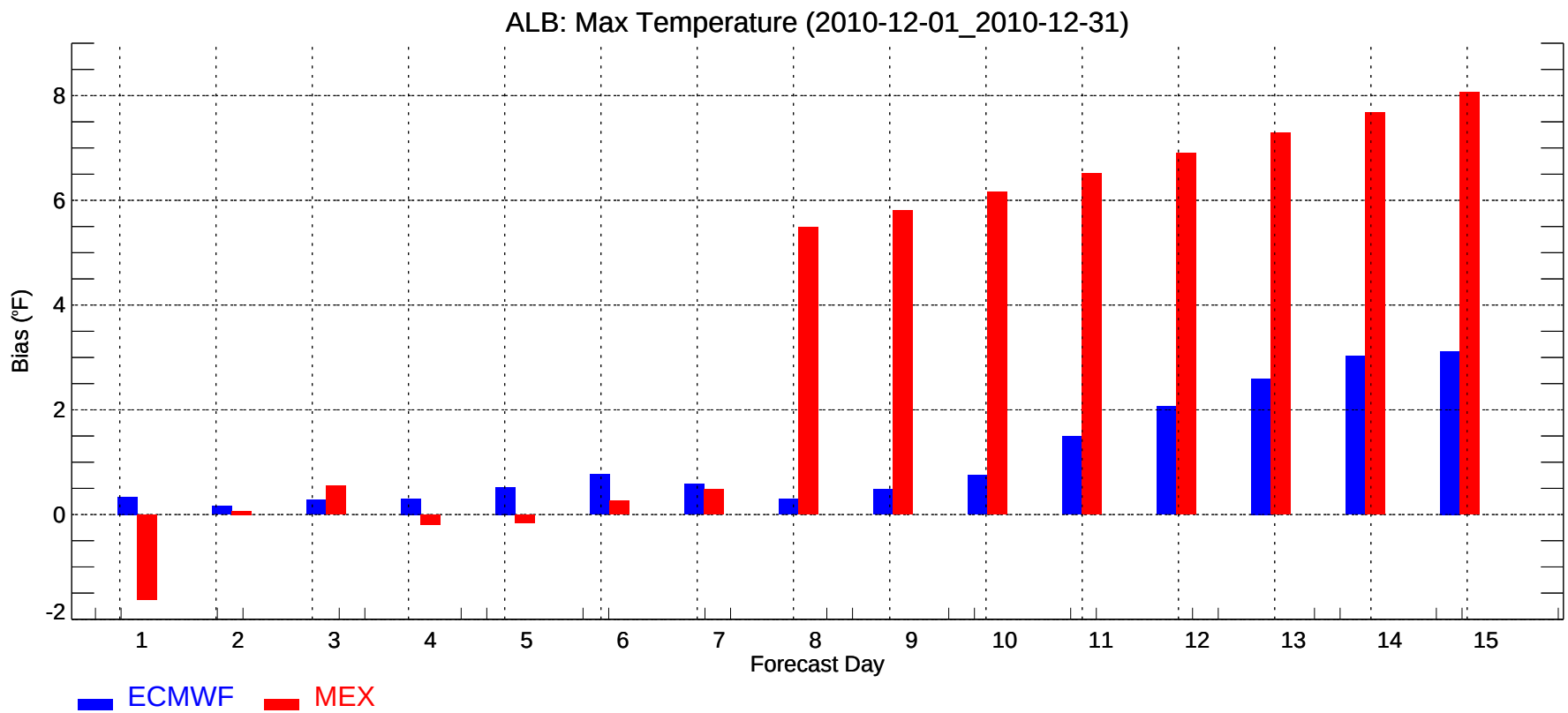

ACY: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

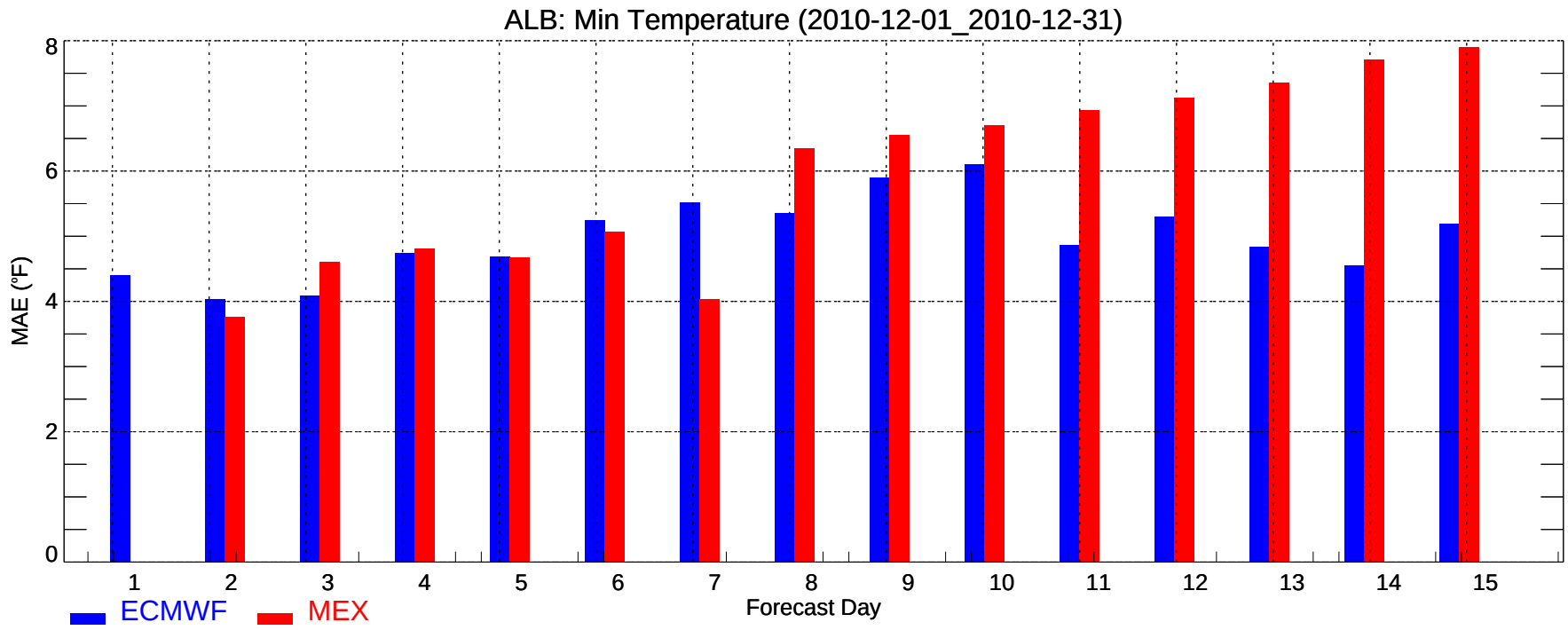

ACY: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

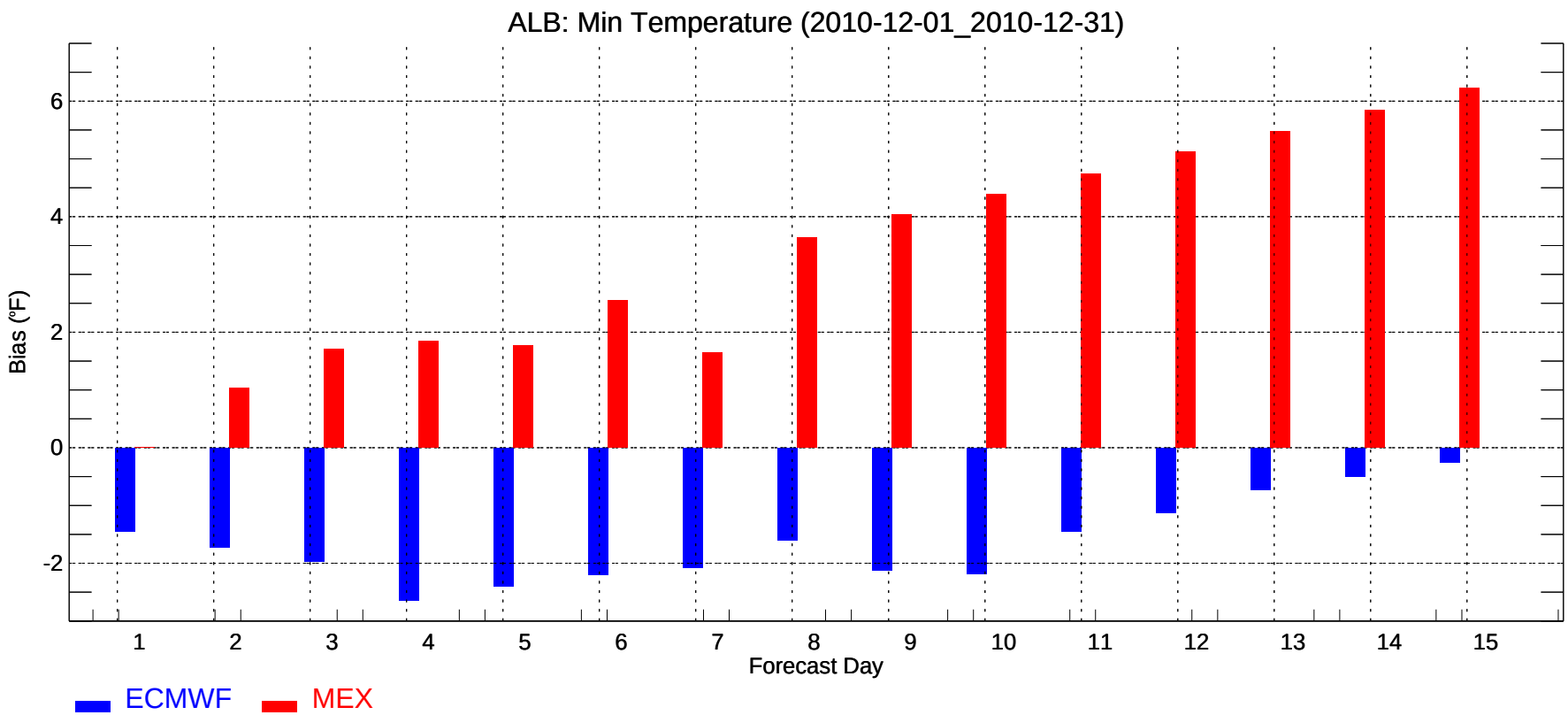

ACY: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

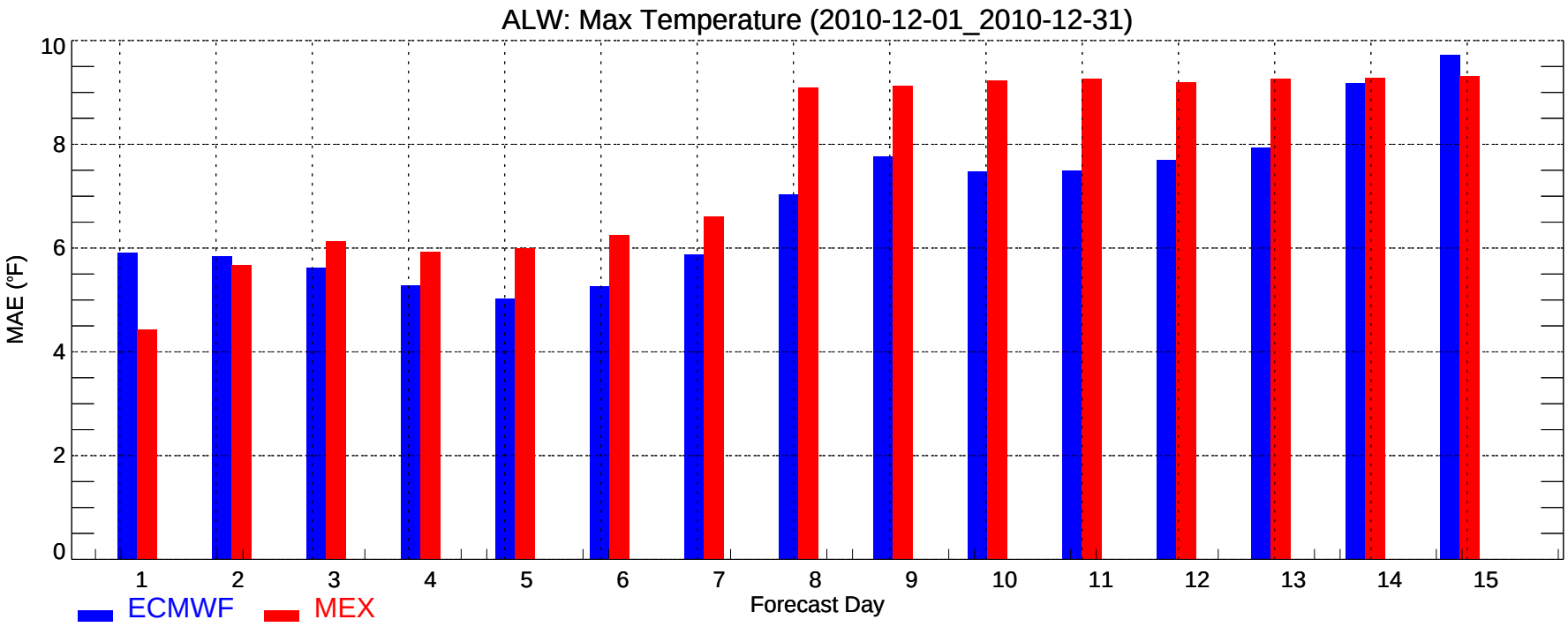

ACY: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

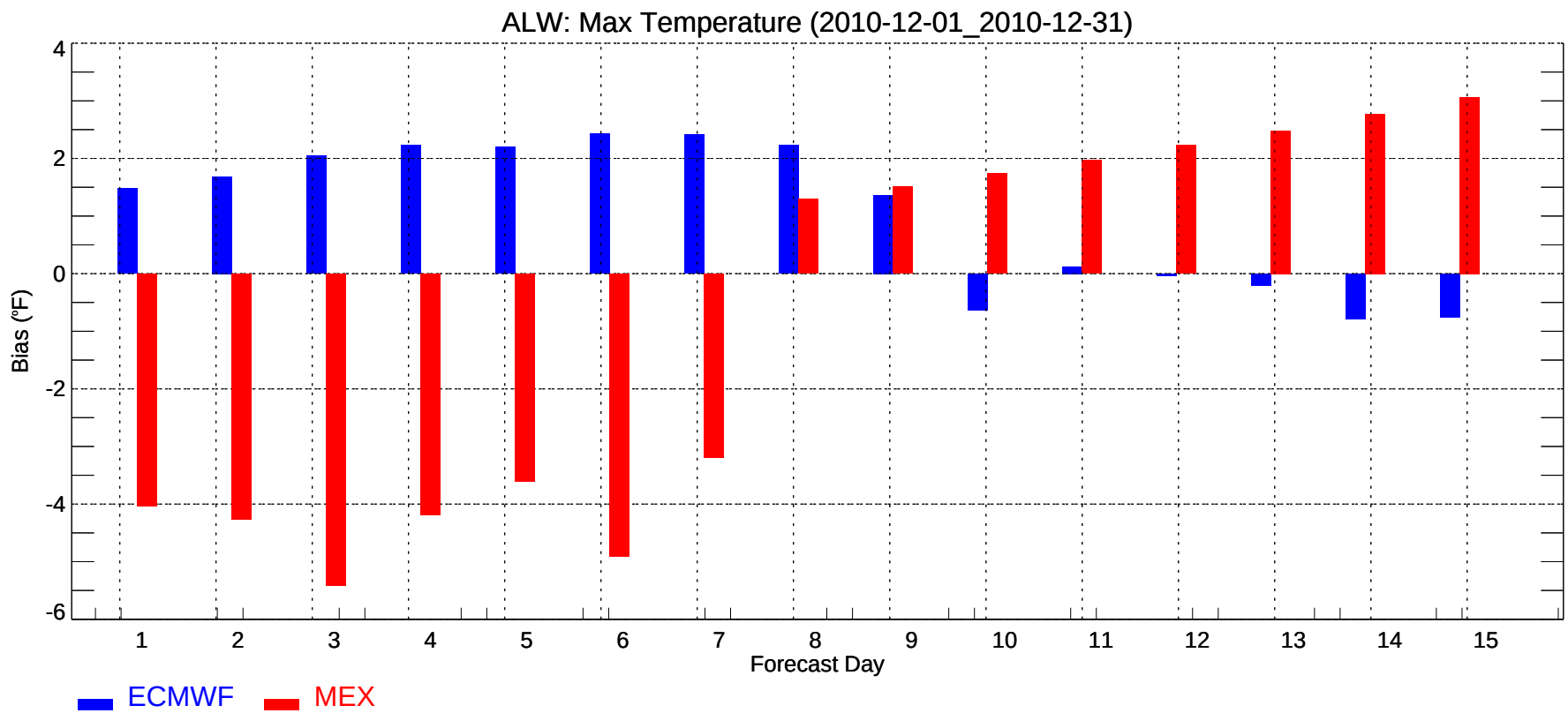

ALB: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

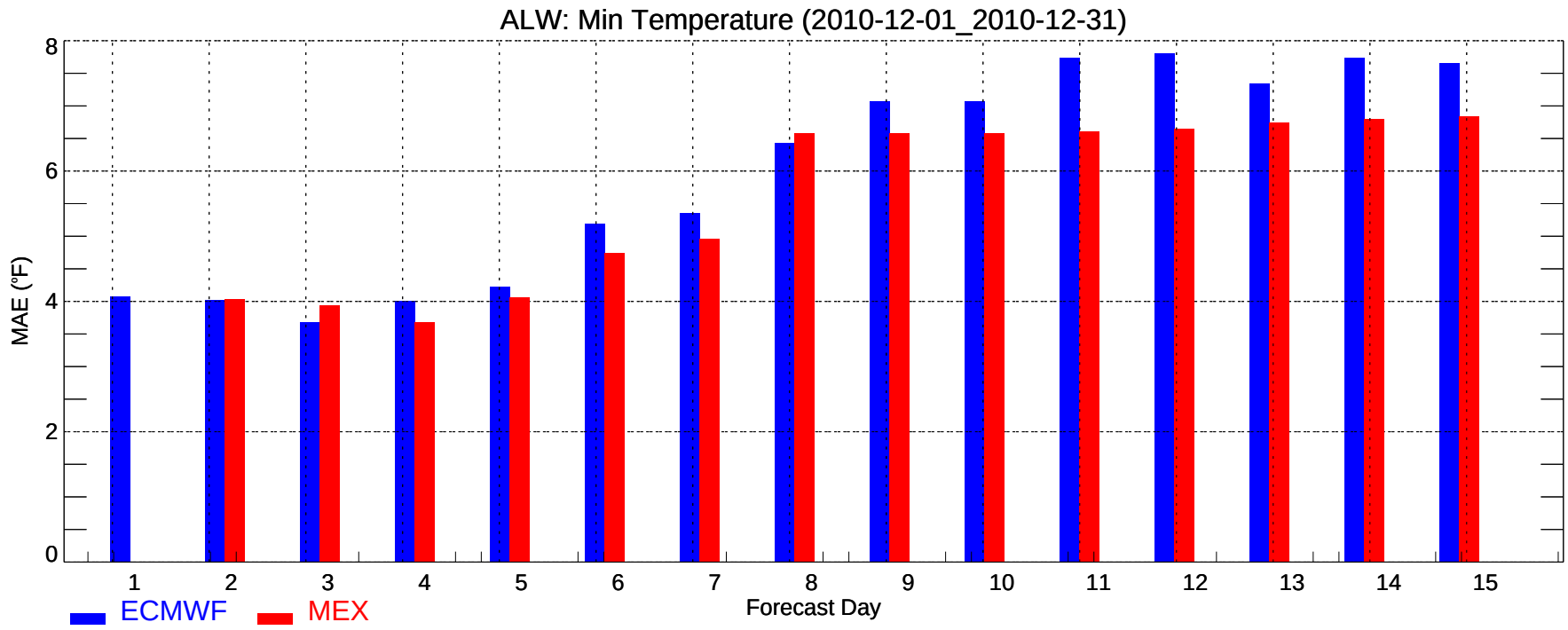

ALB: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

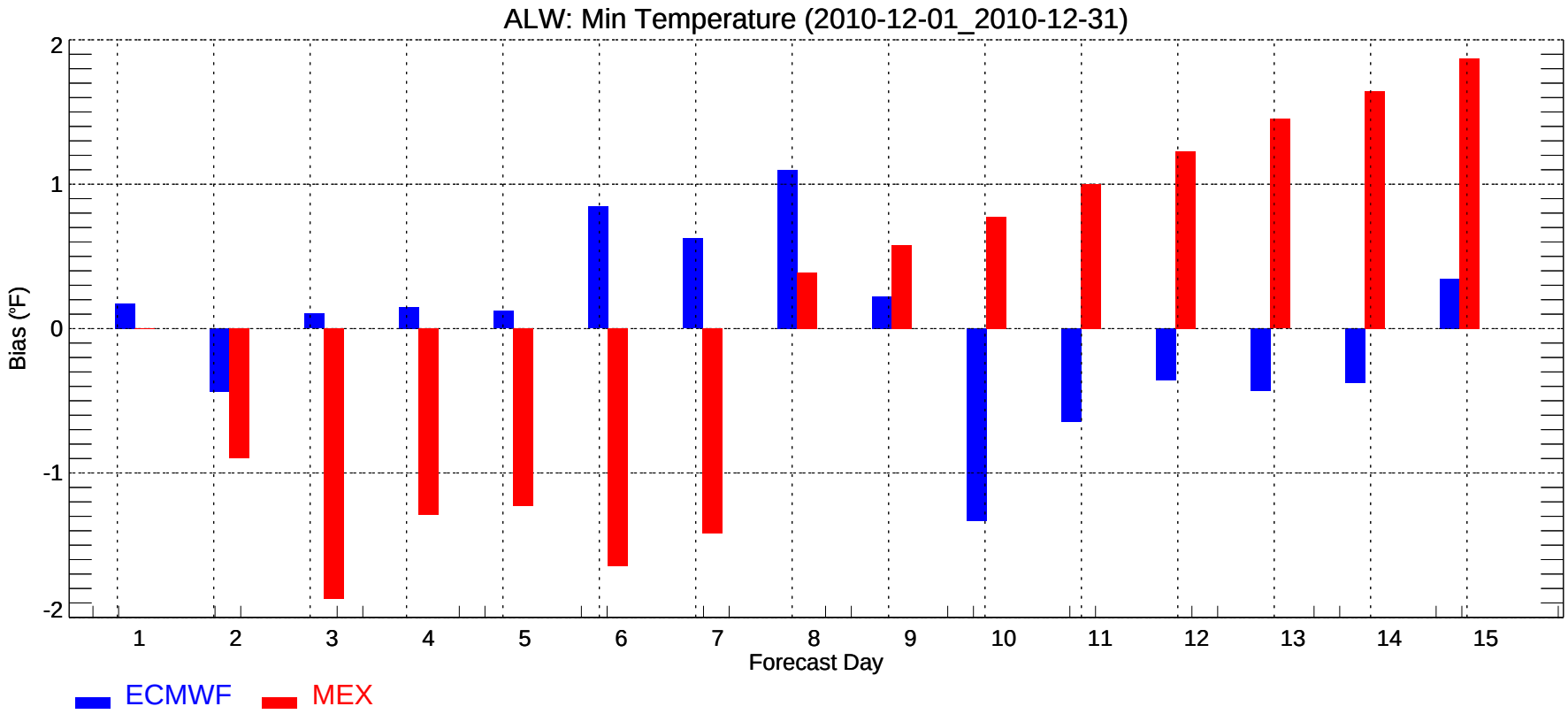

ALB: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

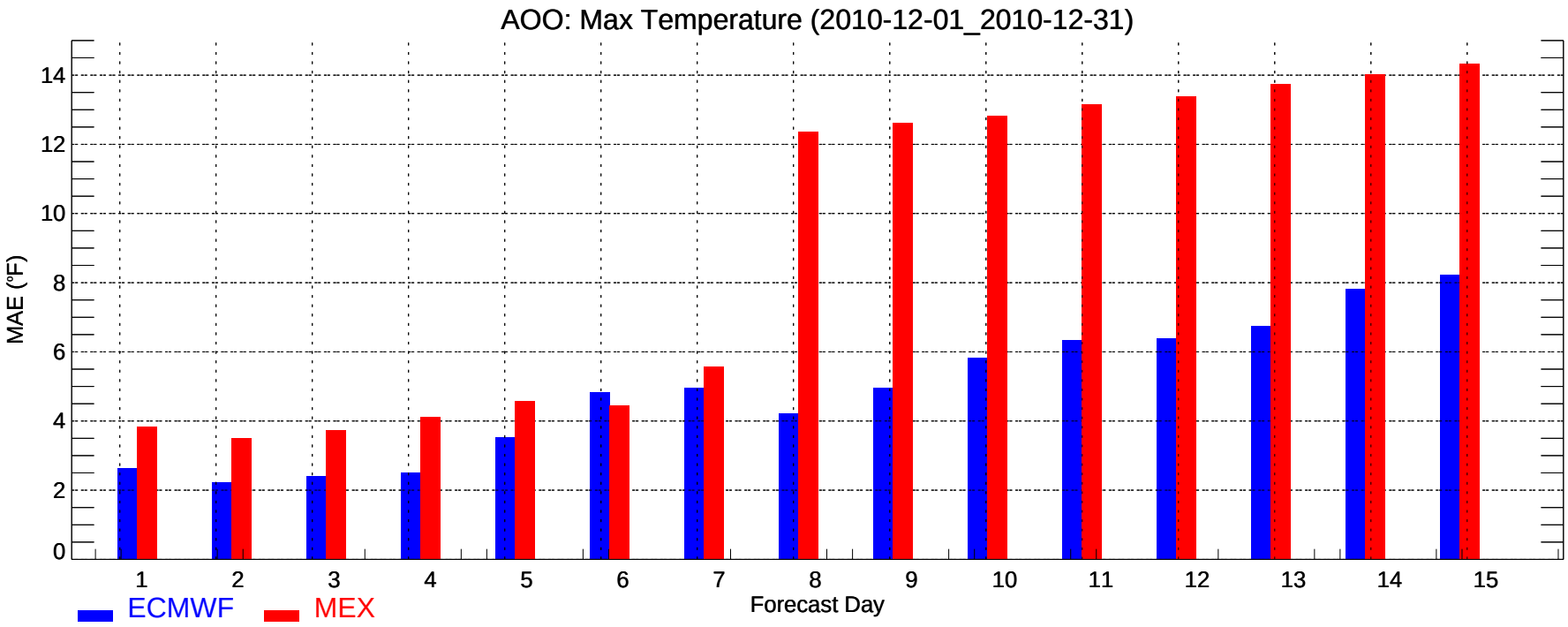

ALB: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

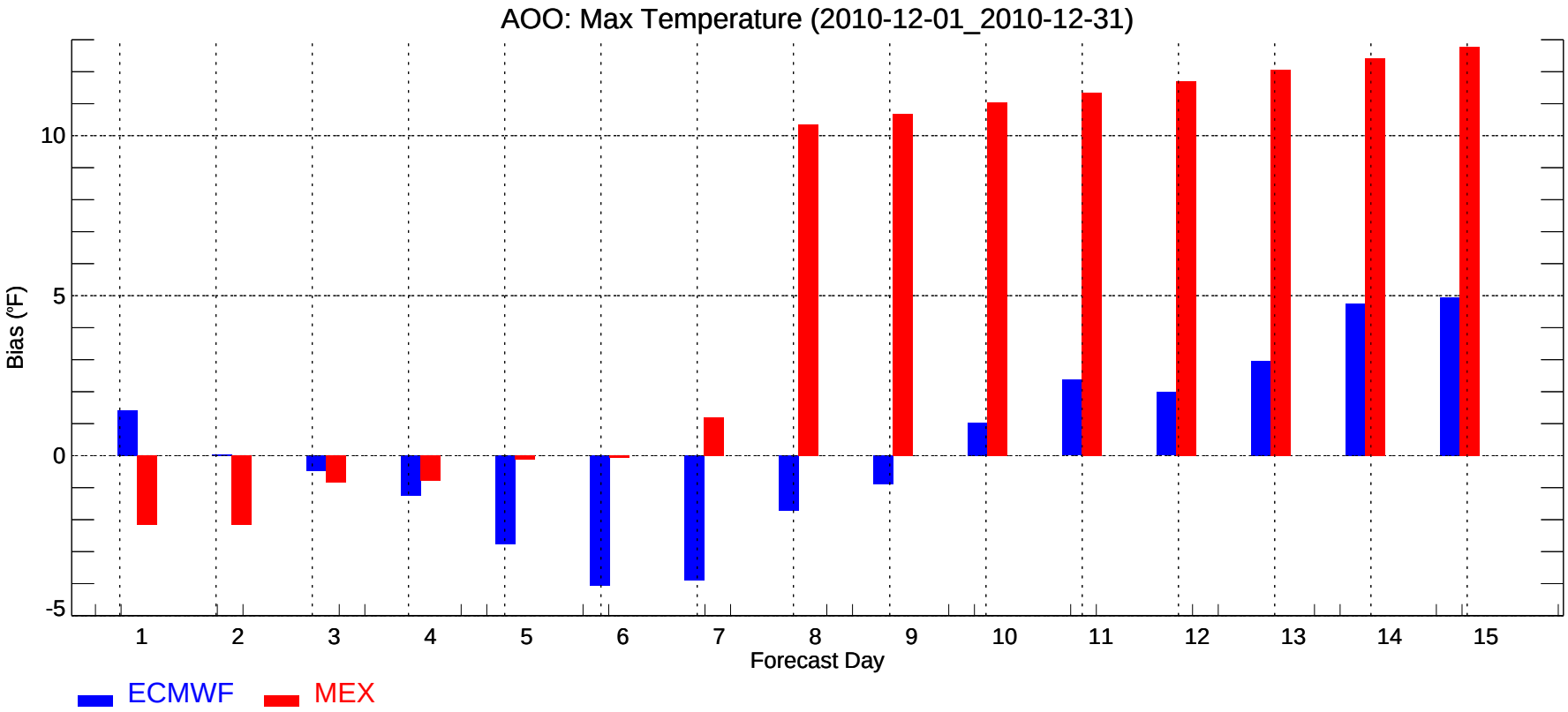

ALW: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

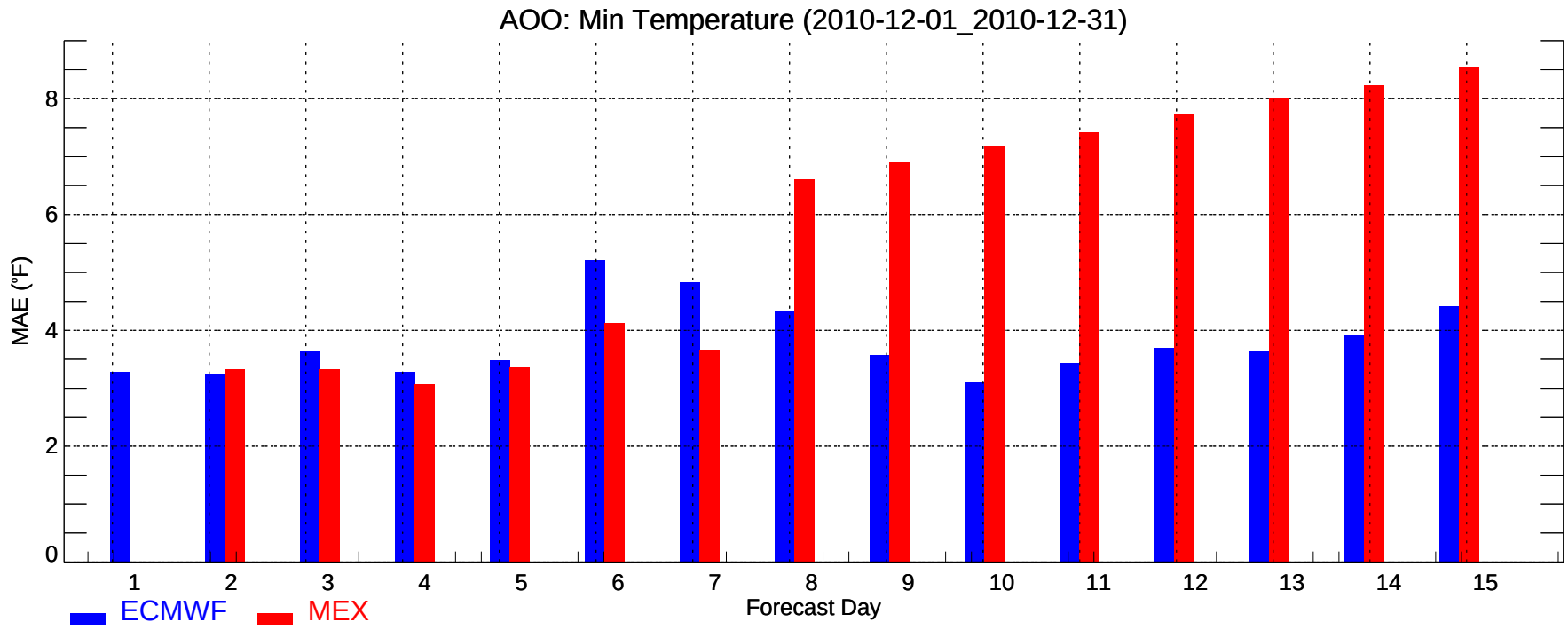

ALW: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

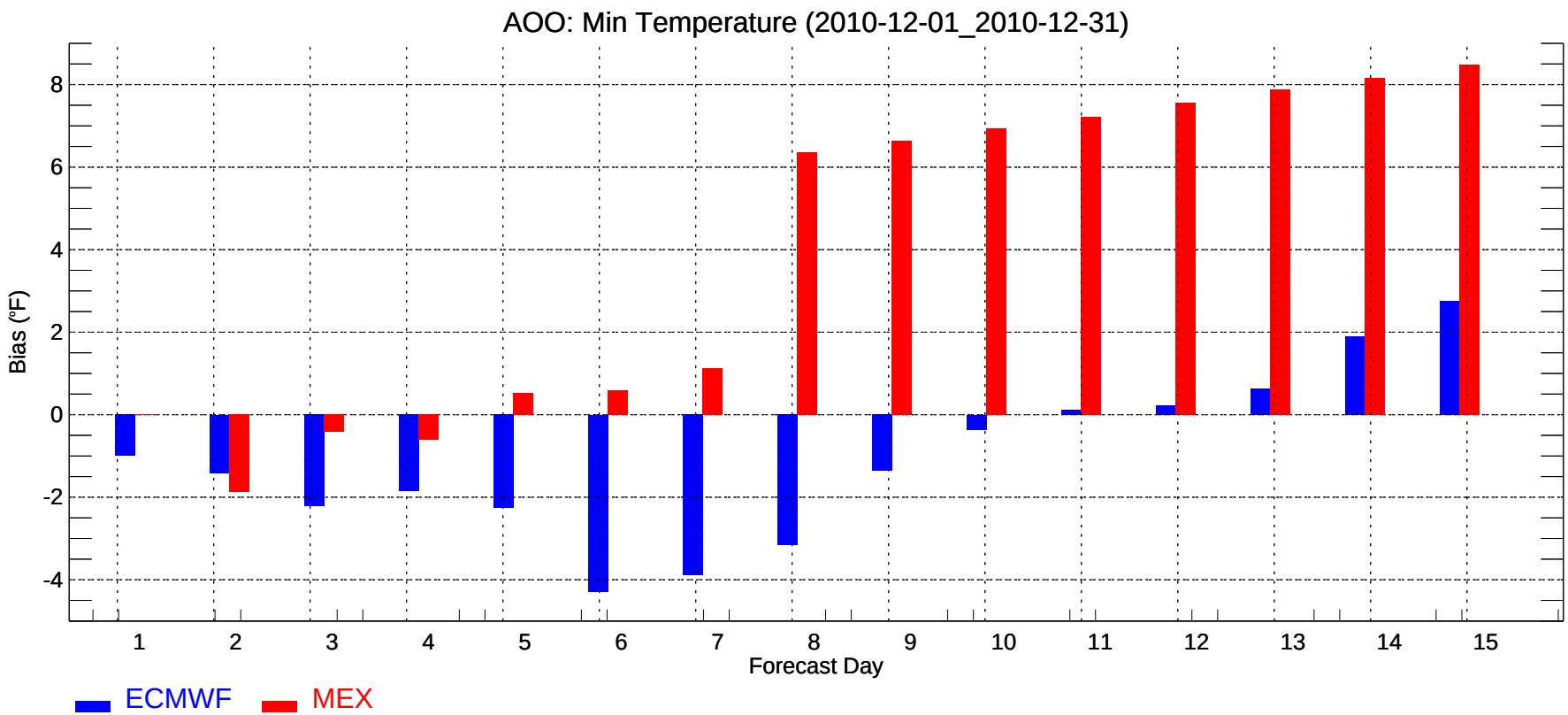

ALW: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

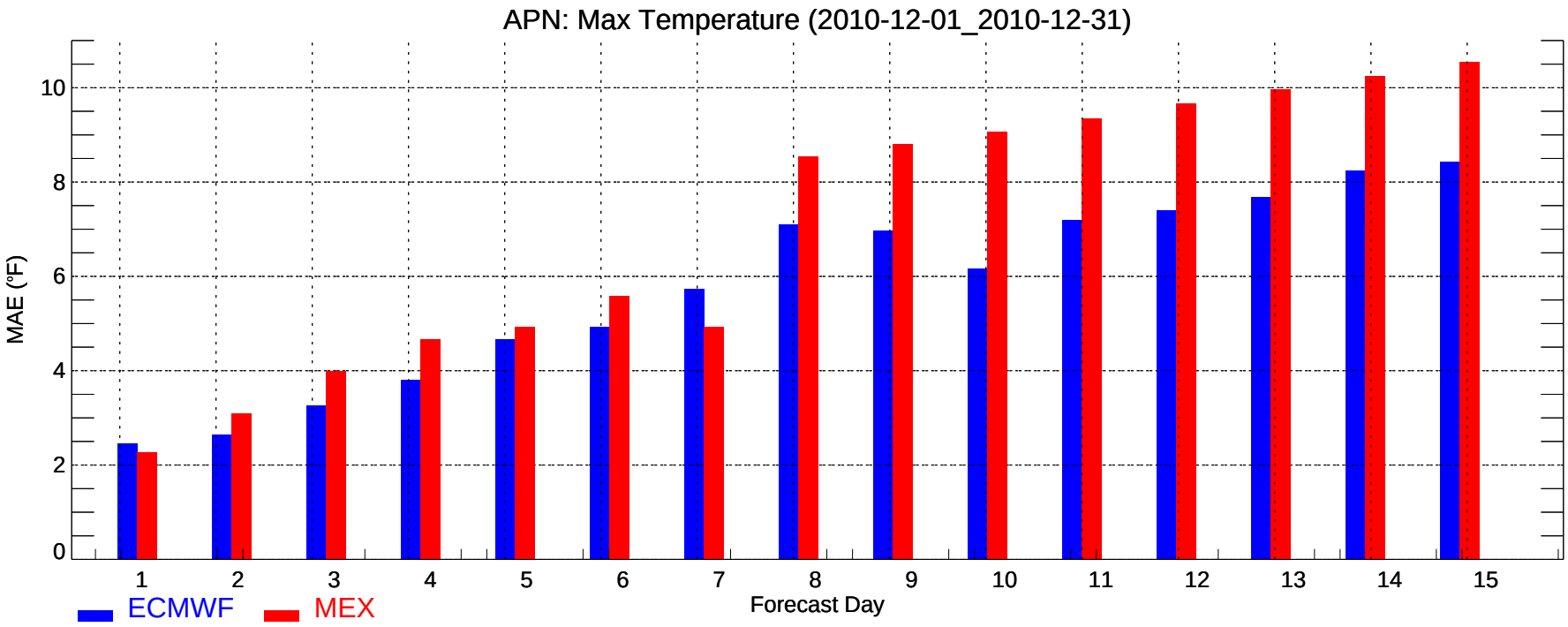

ALW: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
-1
0
1
2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

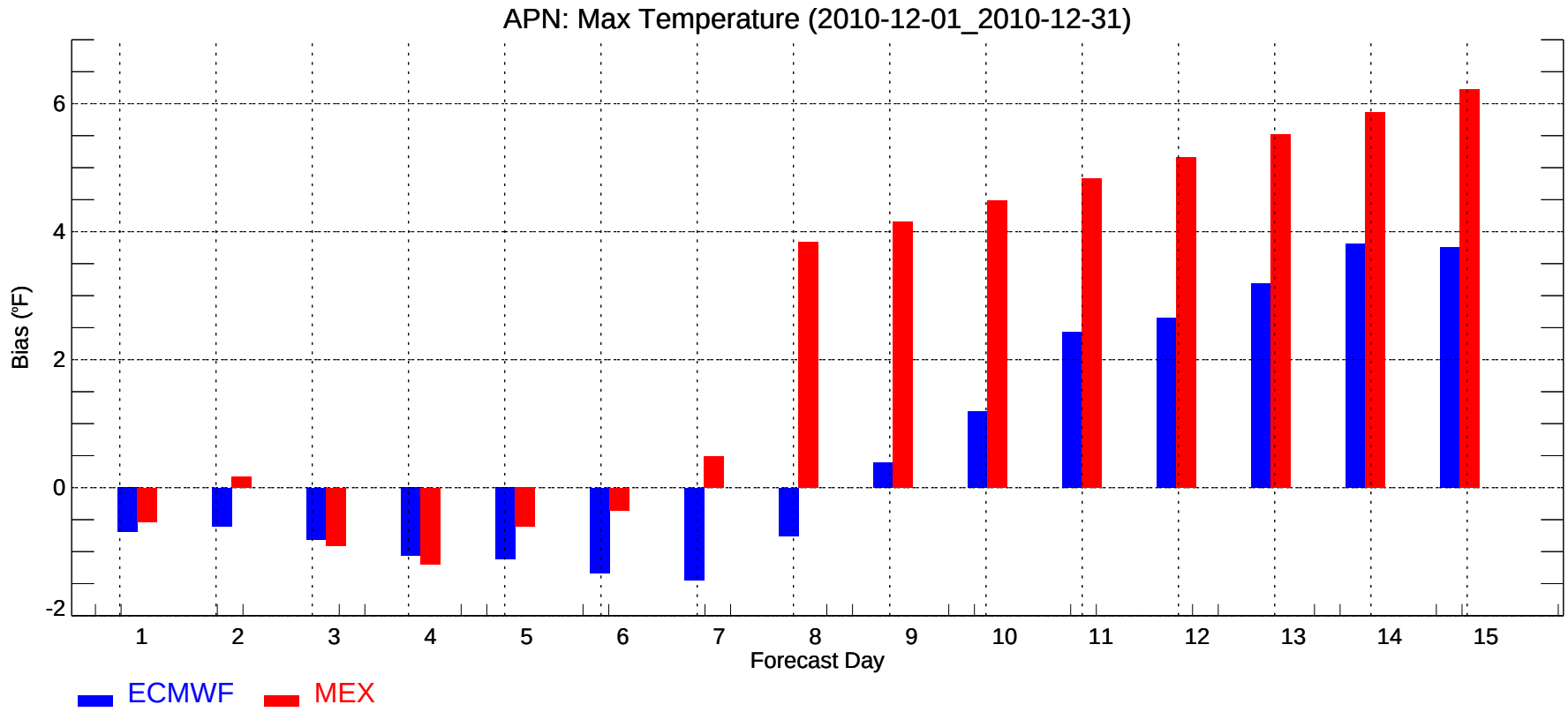

AOO: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

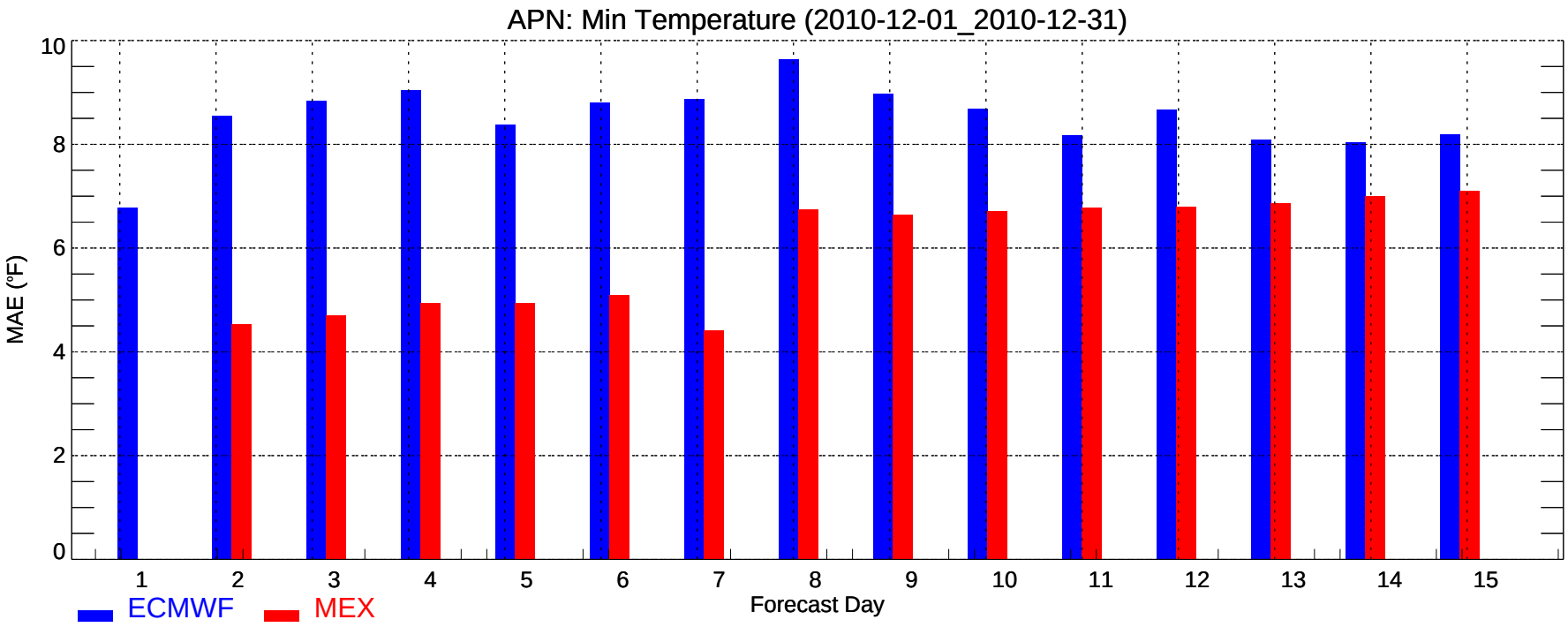

AOO: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-5
0
5
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

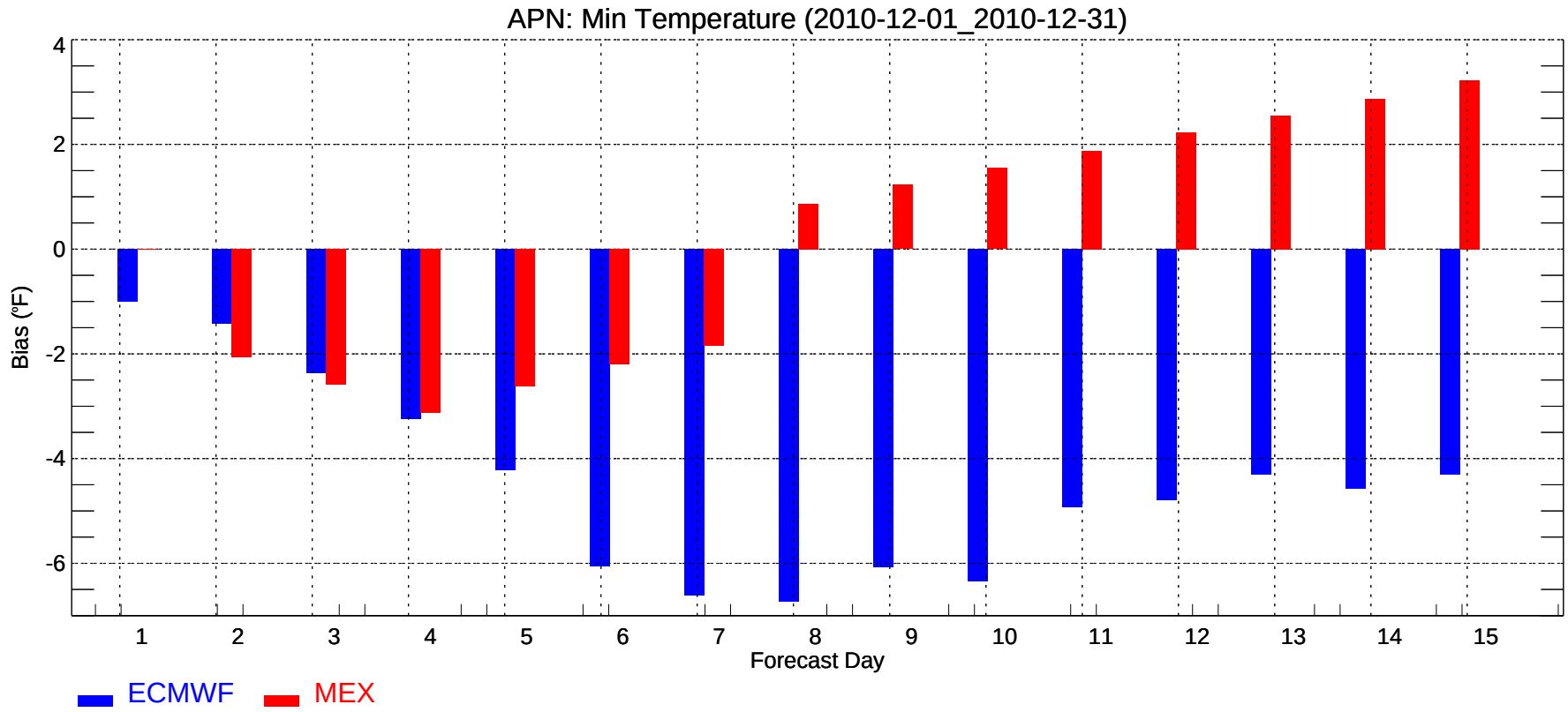

AOO: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

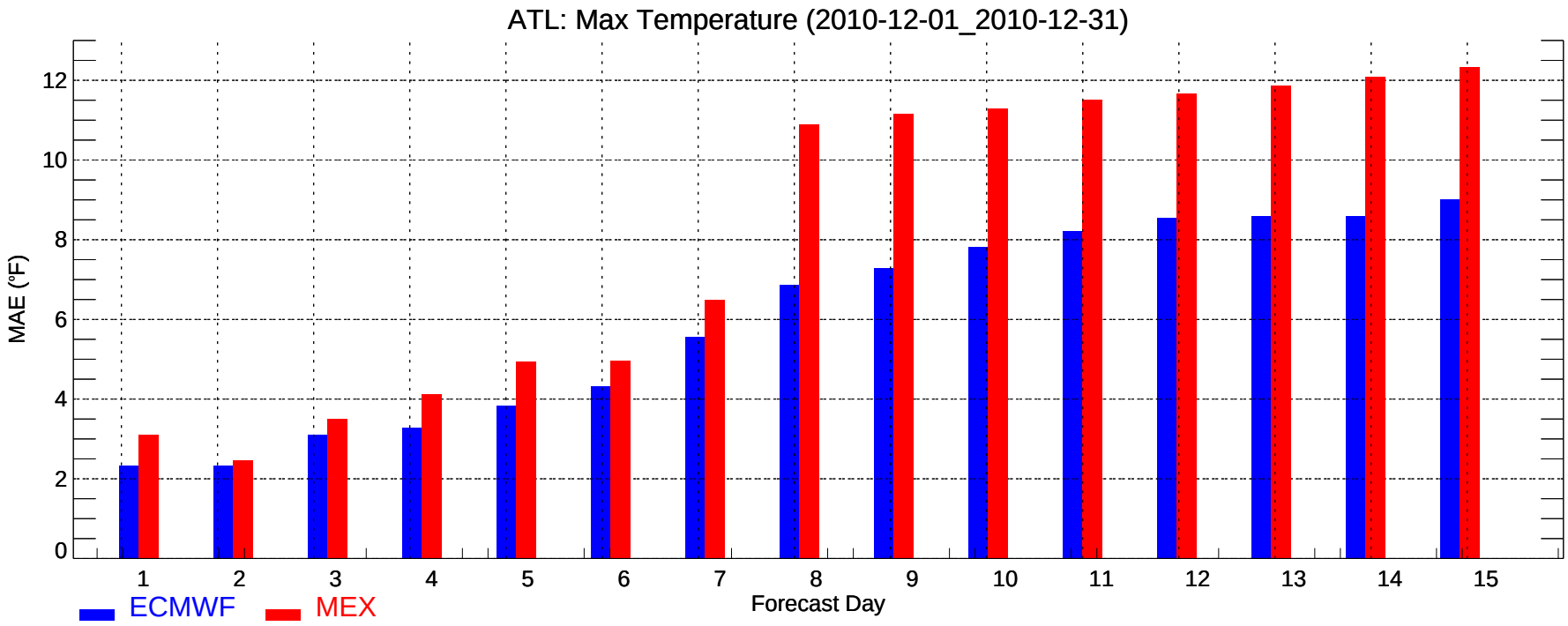

AOO: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

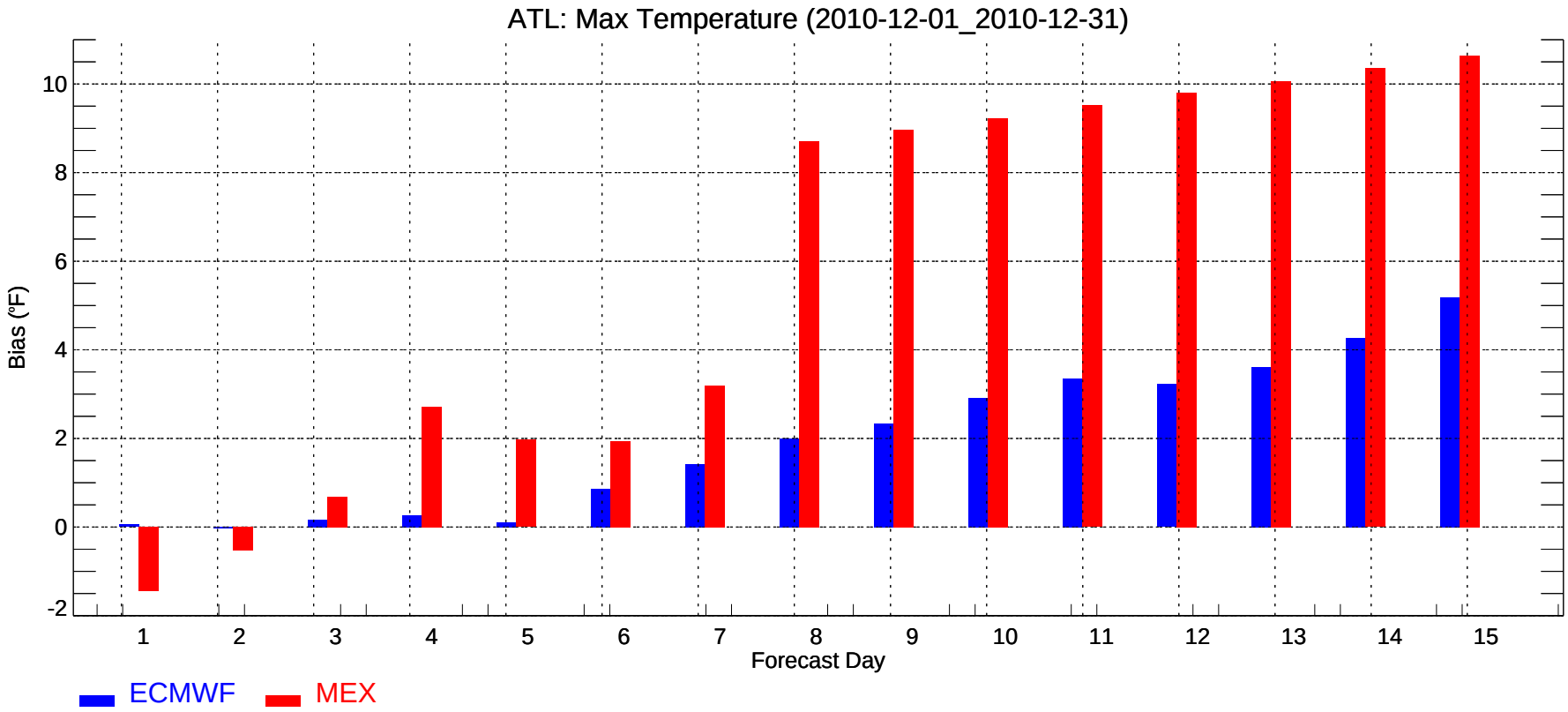

APN: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

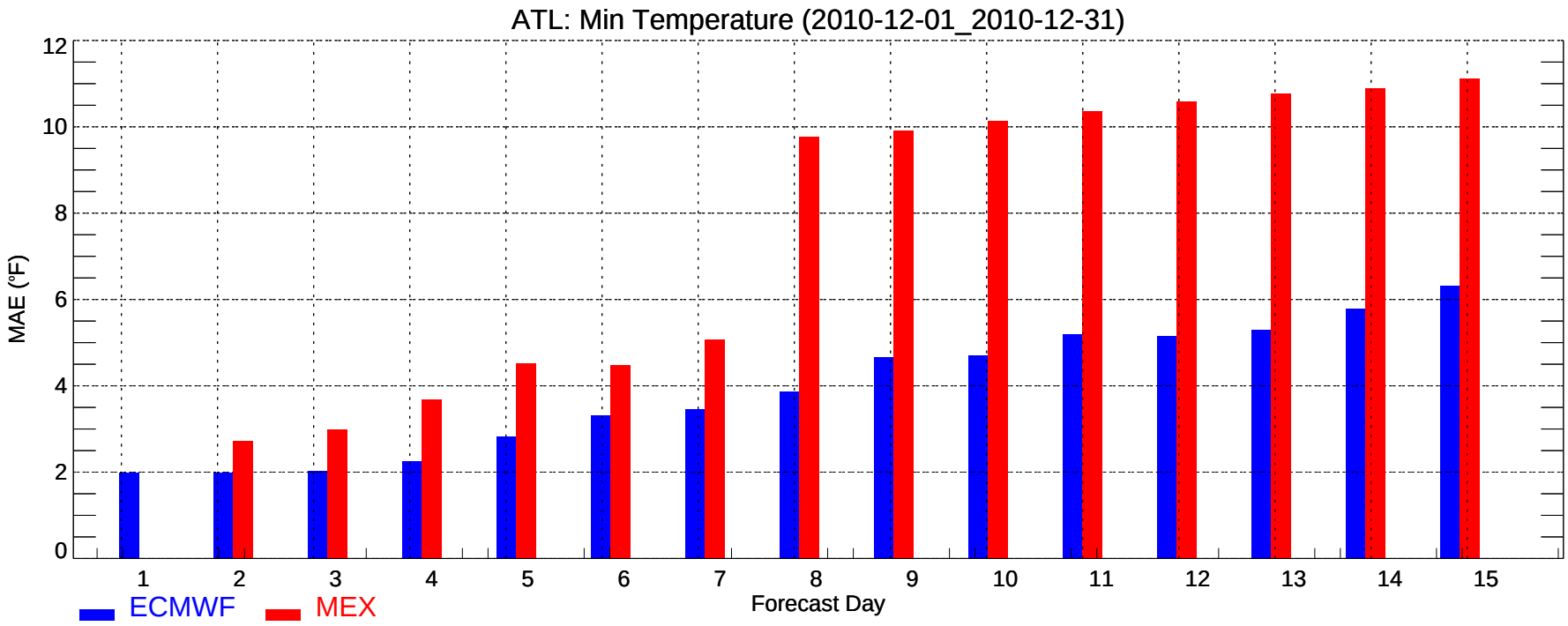

APN: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

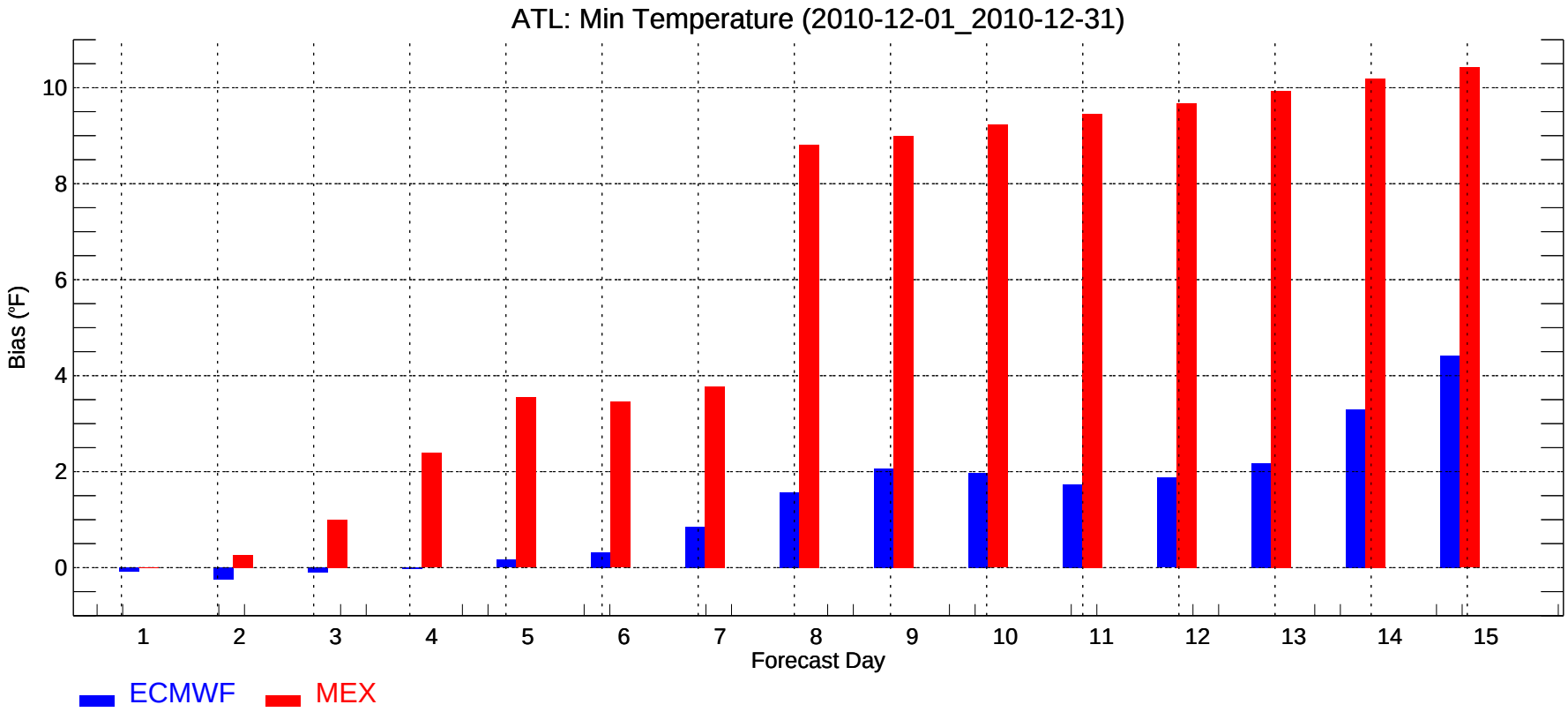

APN: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

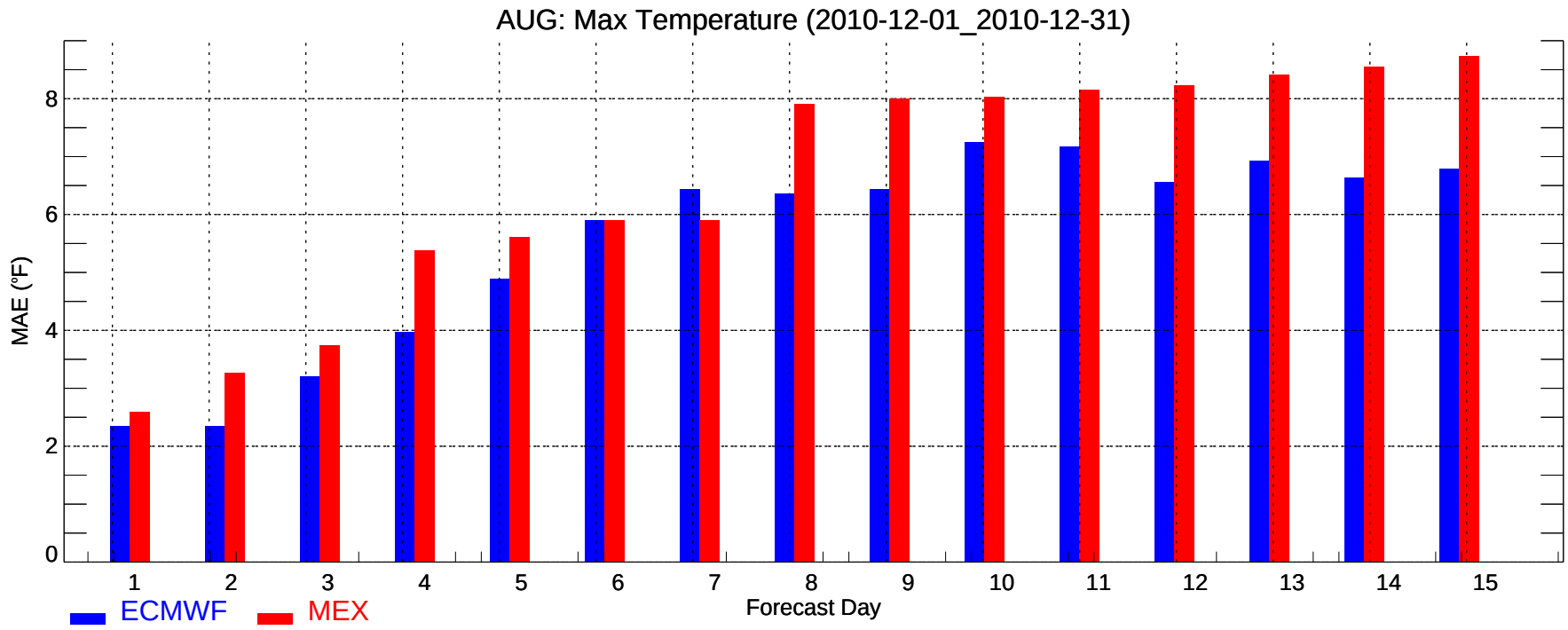

APN: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

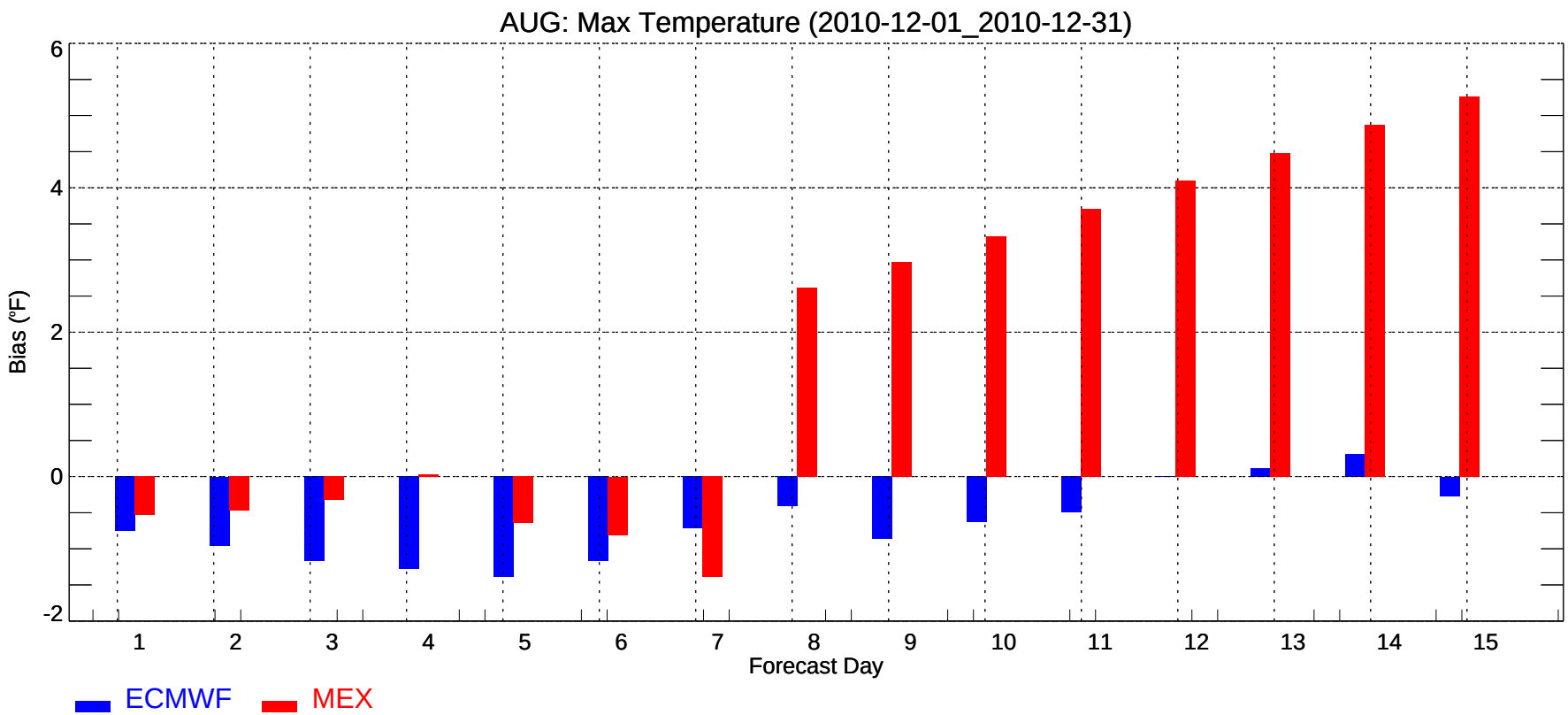

ATL: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

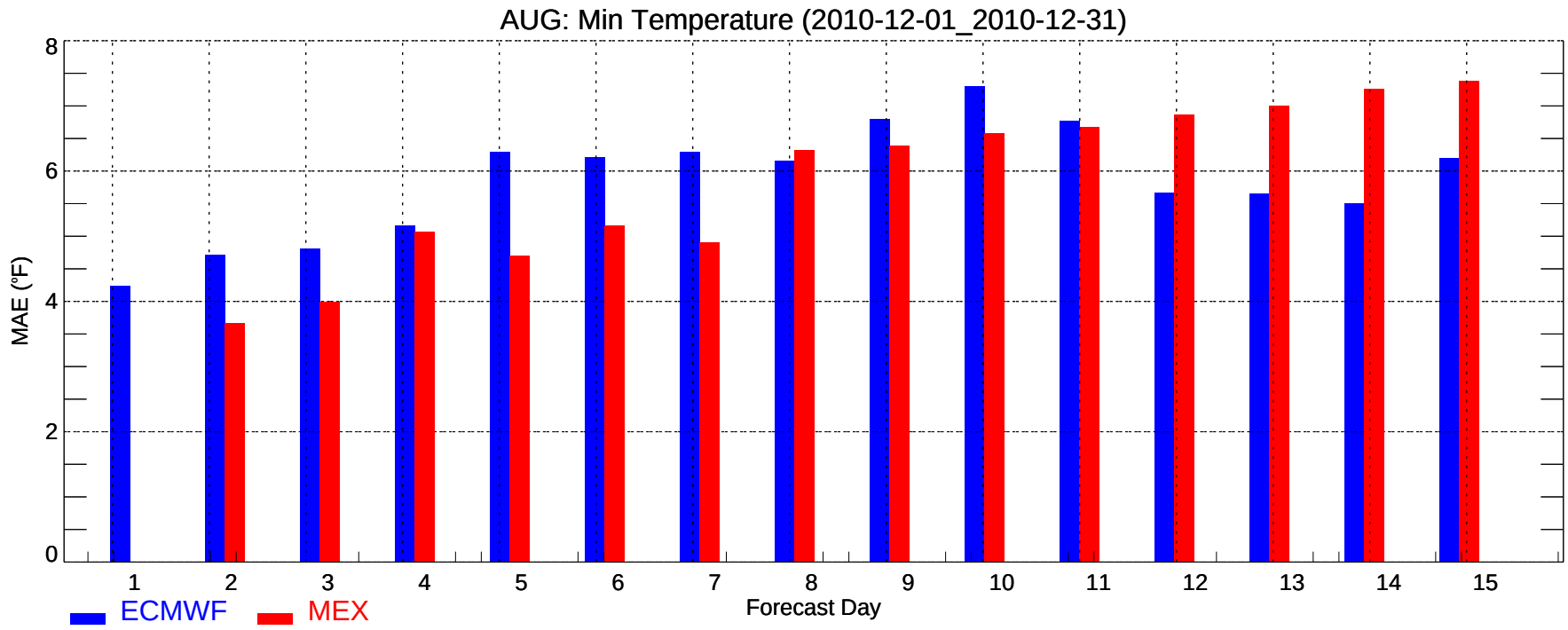

ATL: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

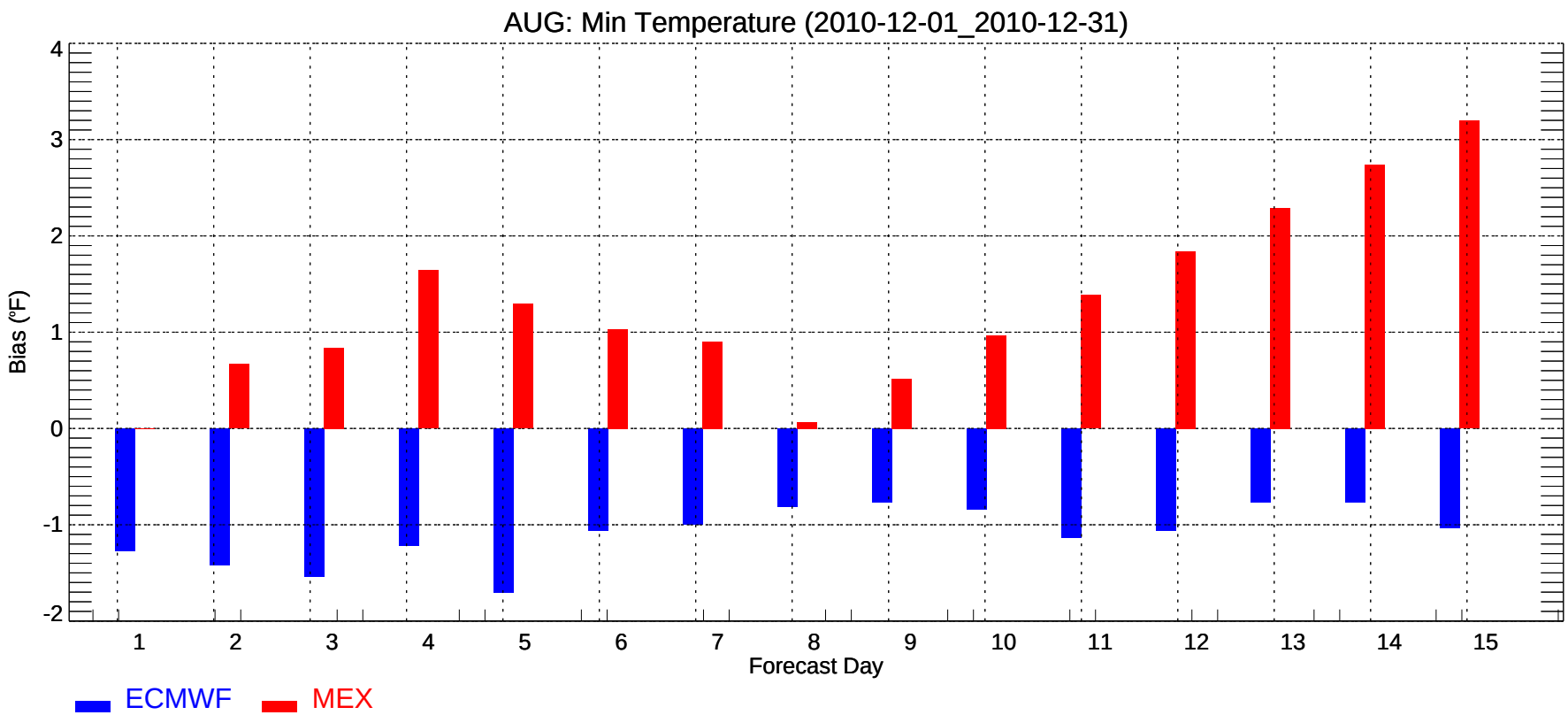

ATL: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

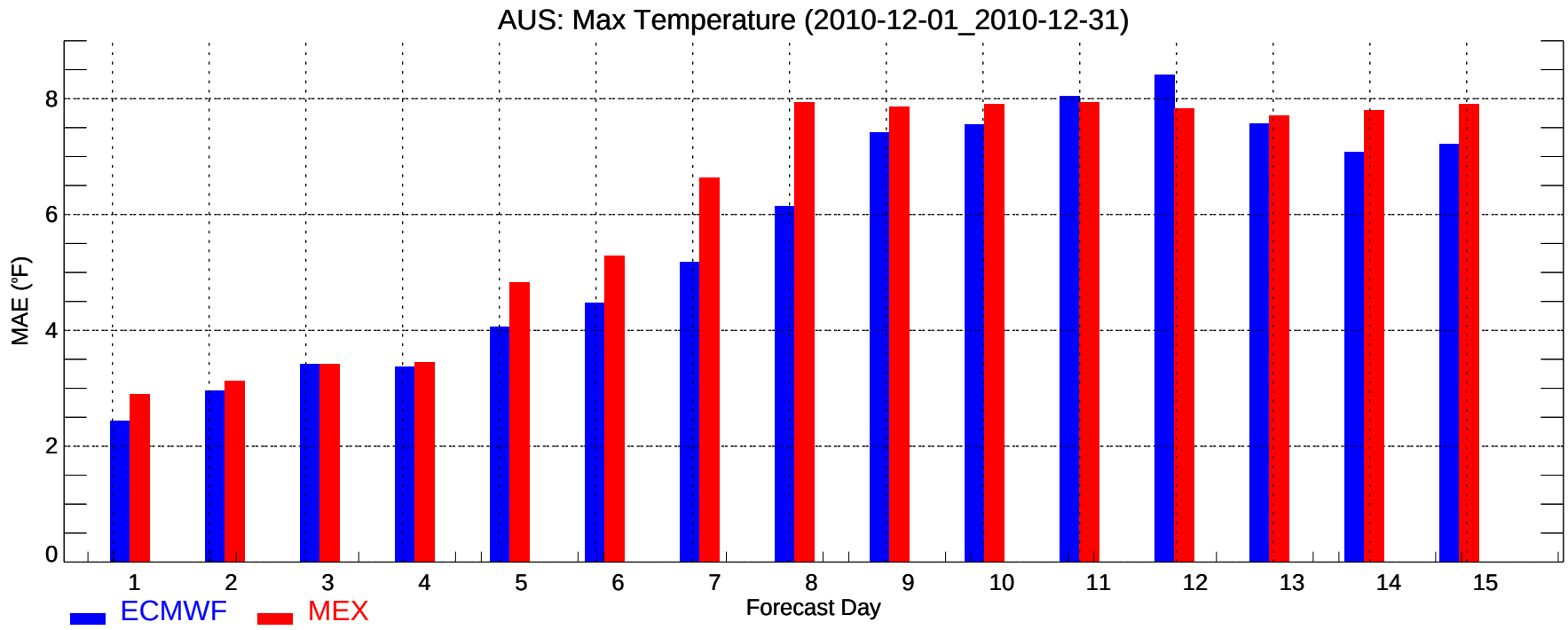

ATL: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

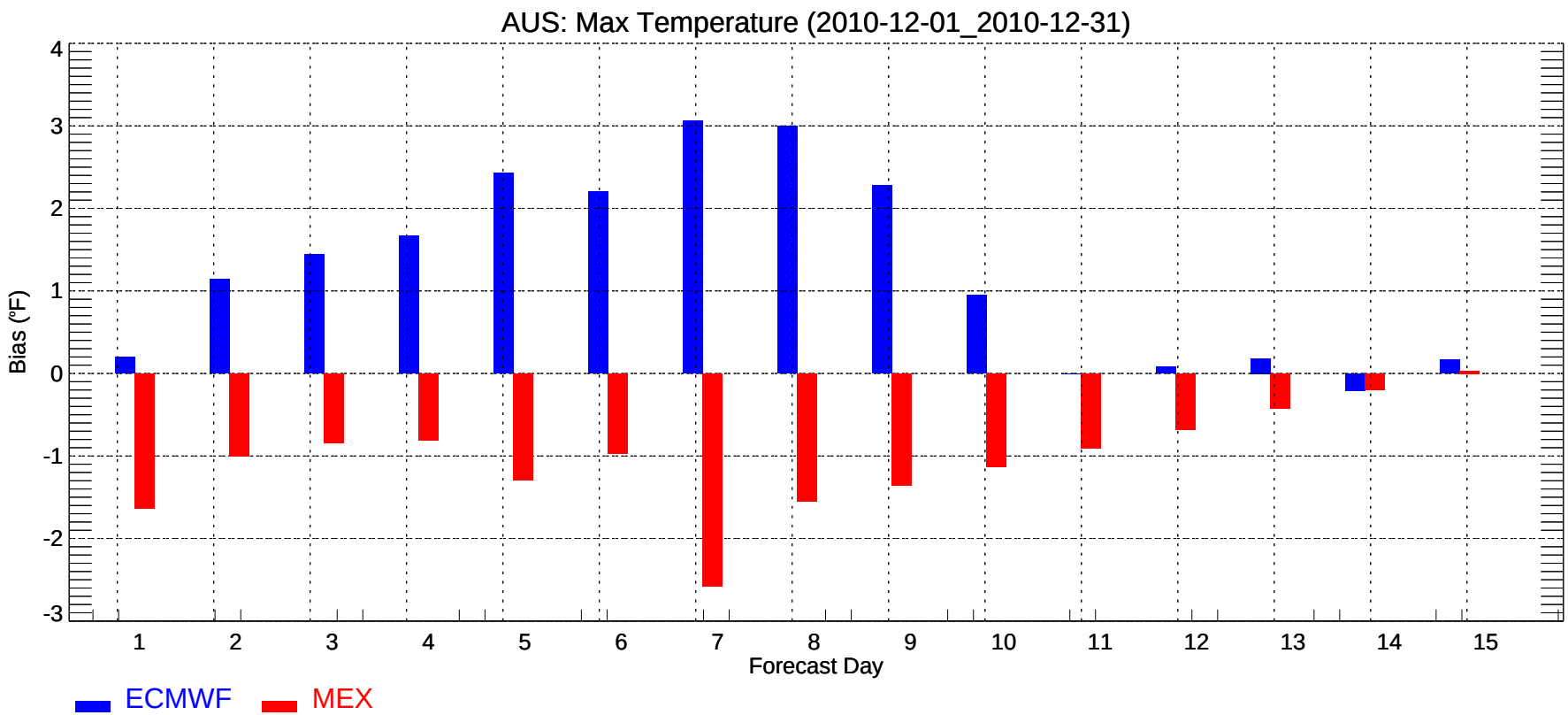

AUG: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

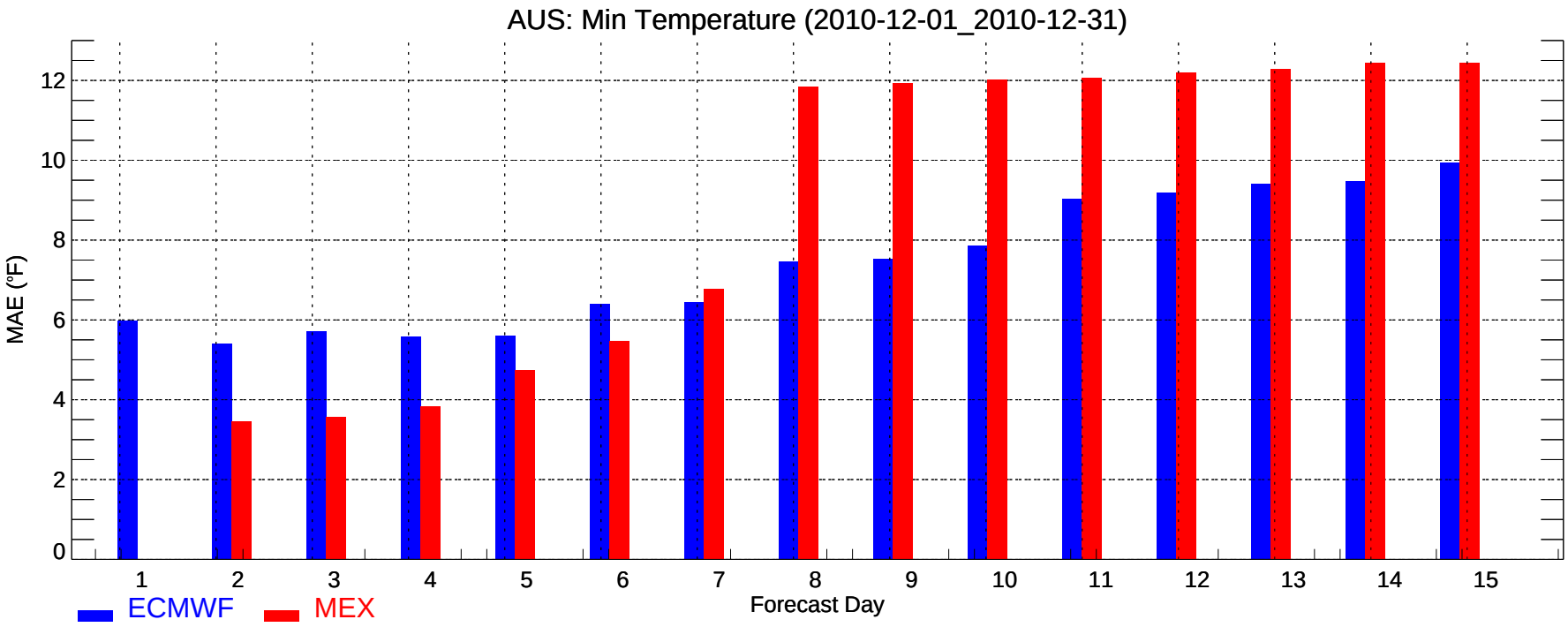

AUG: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

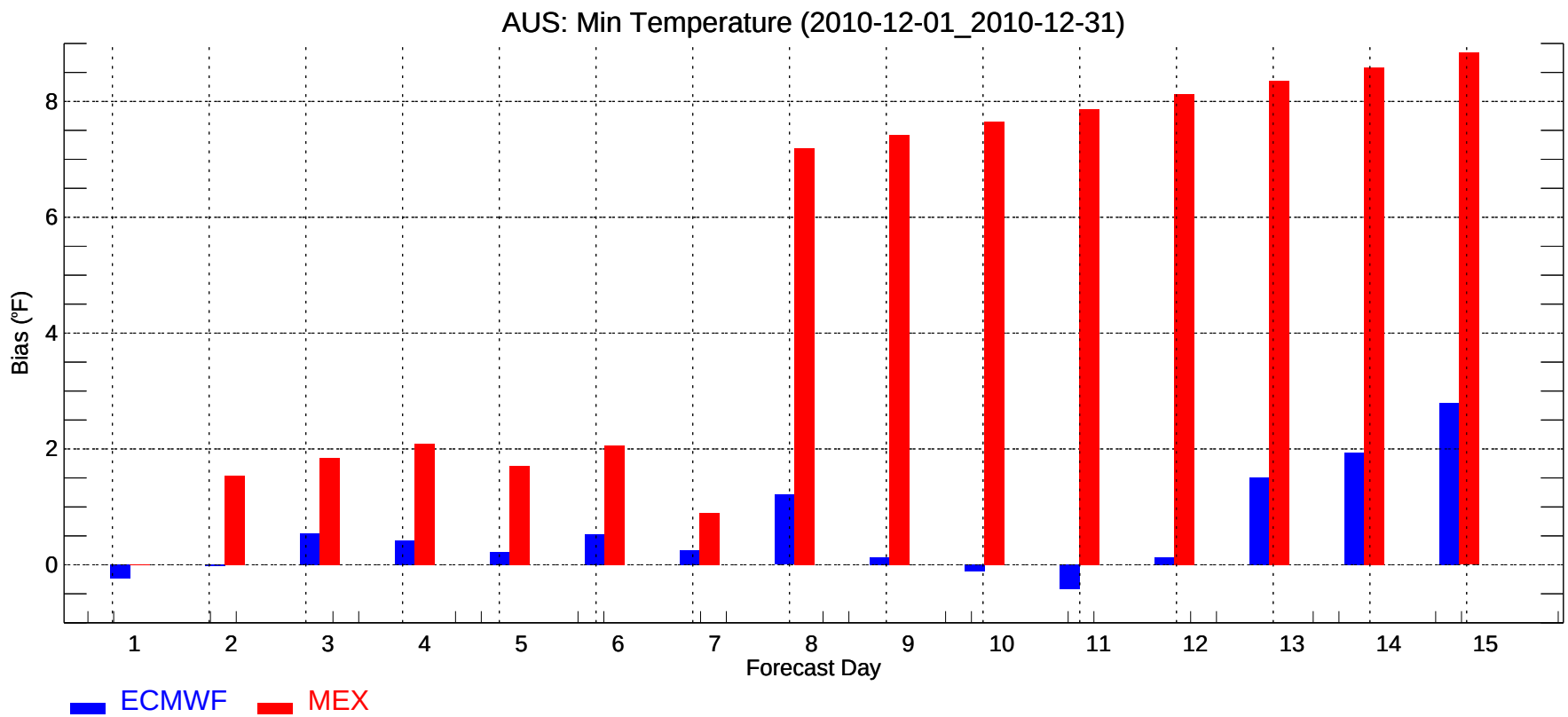

AUG: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

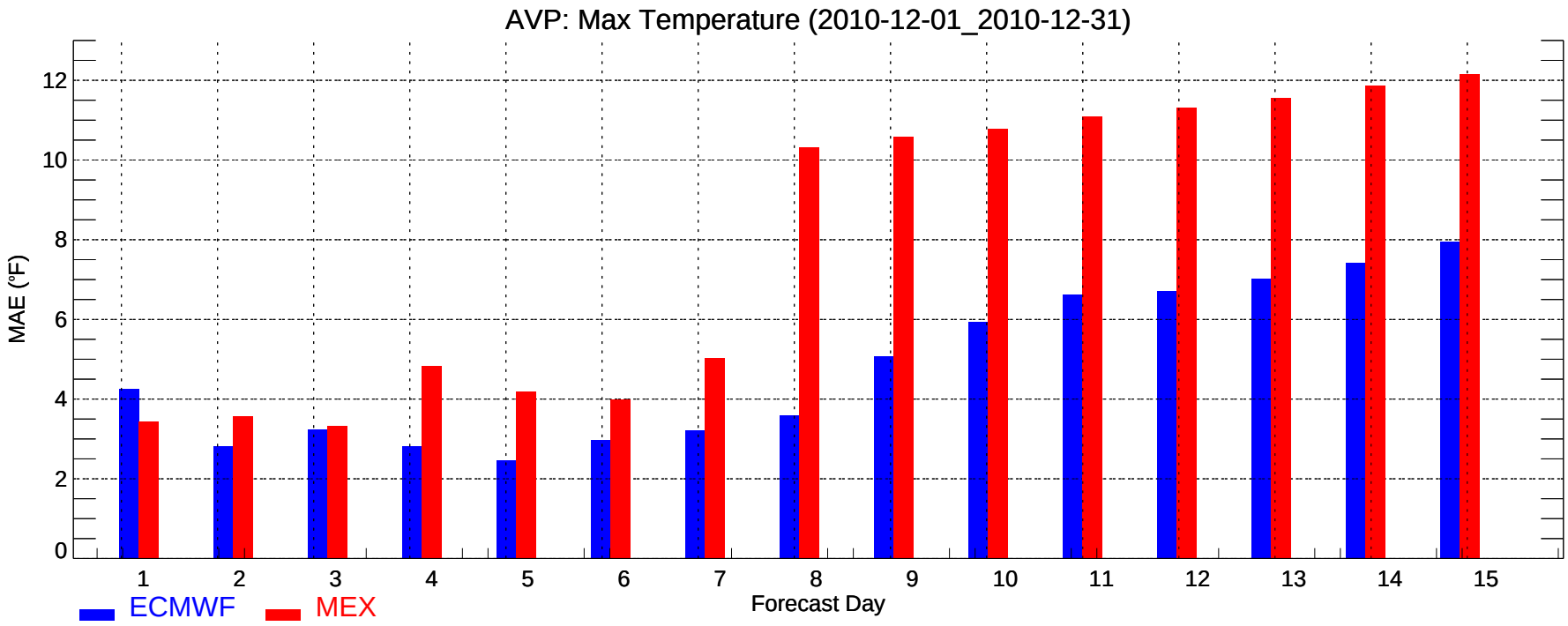

AUG: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

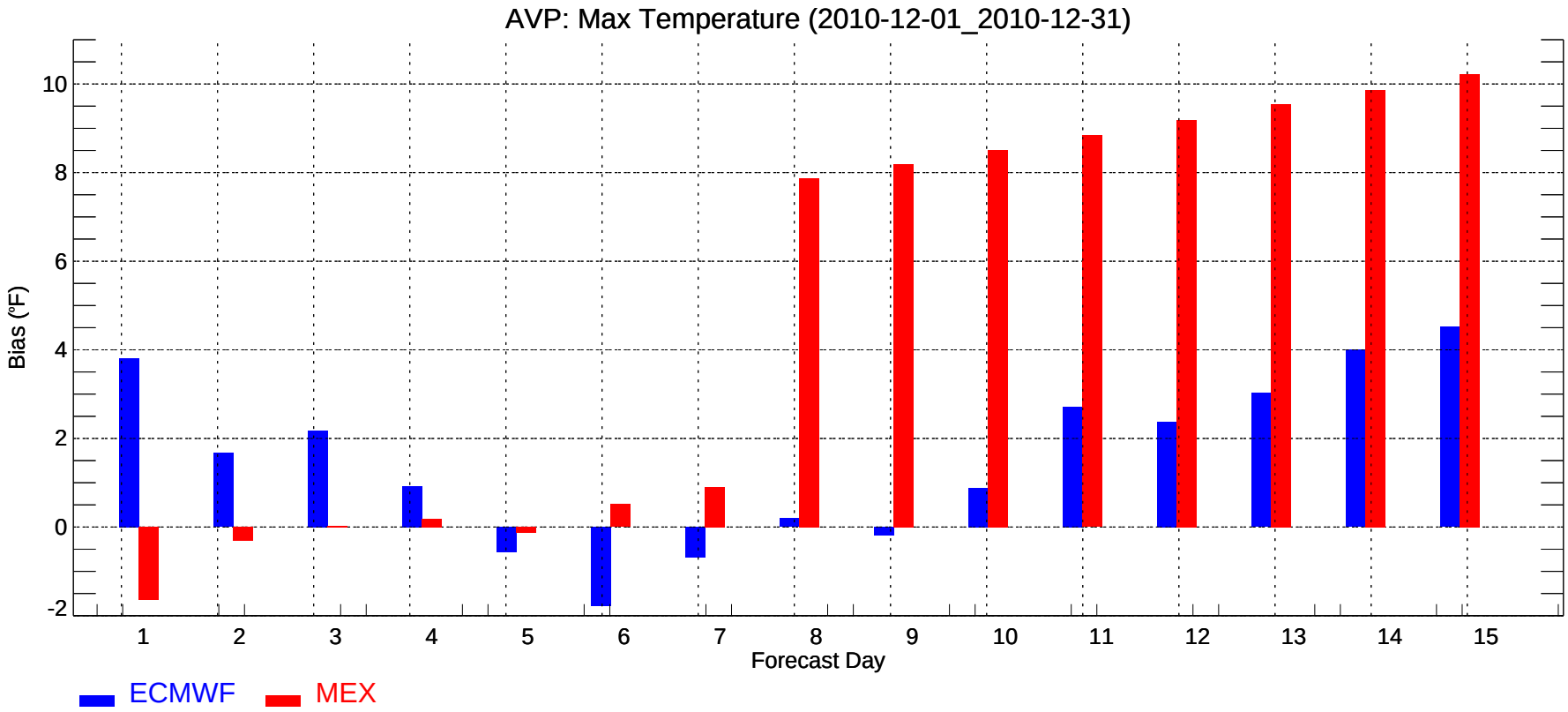

AUS: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

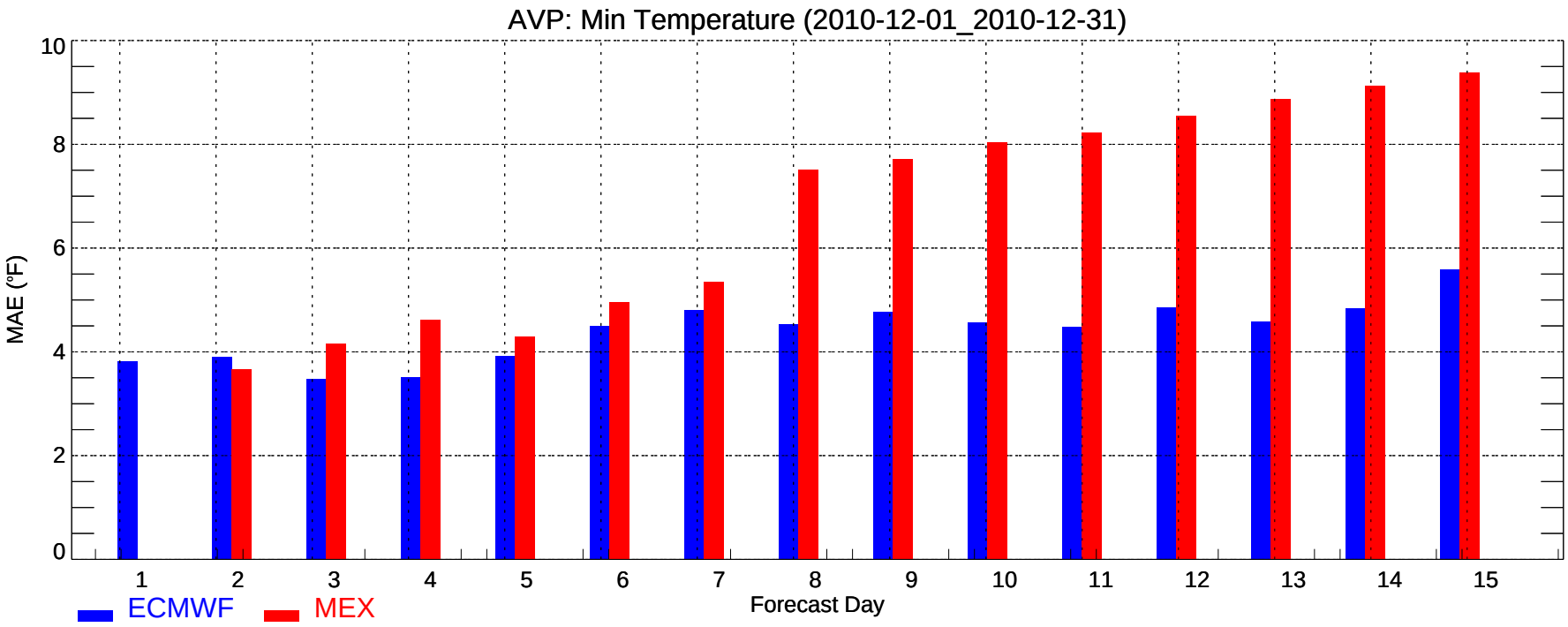

AUS: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

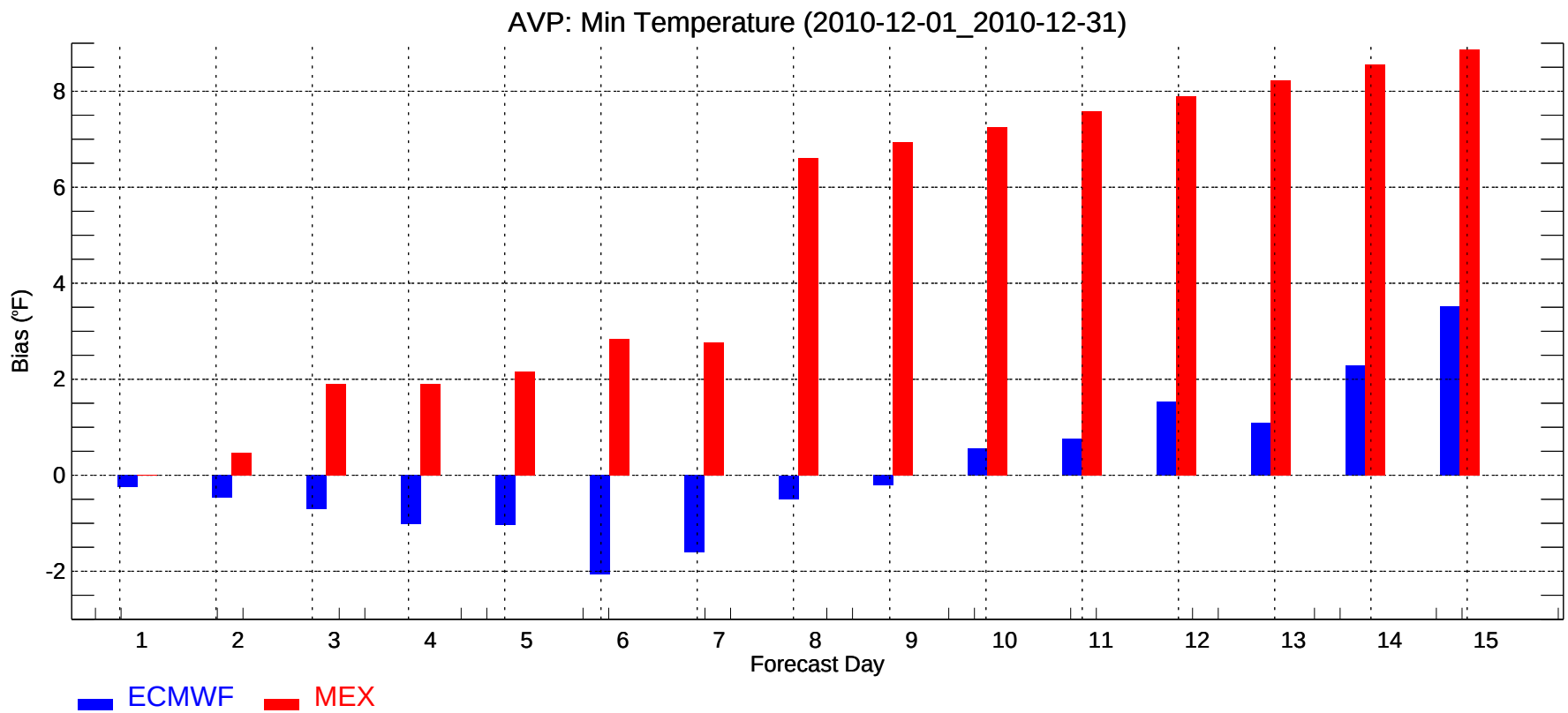

AUS: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

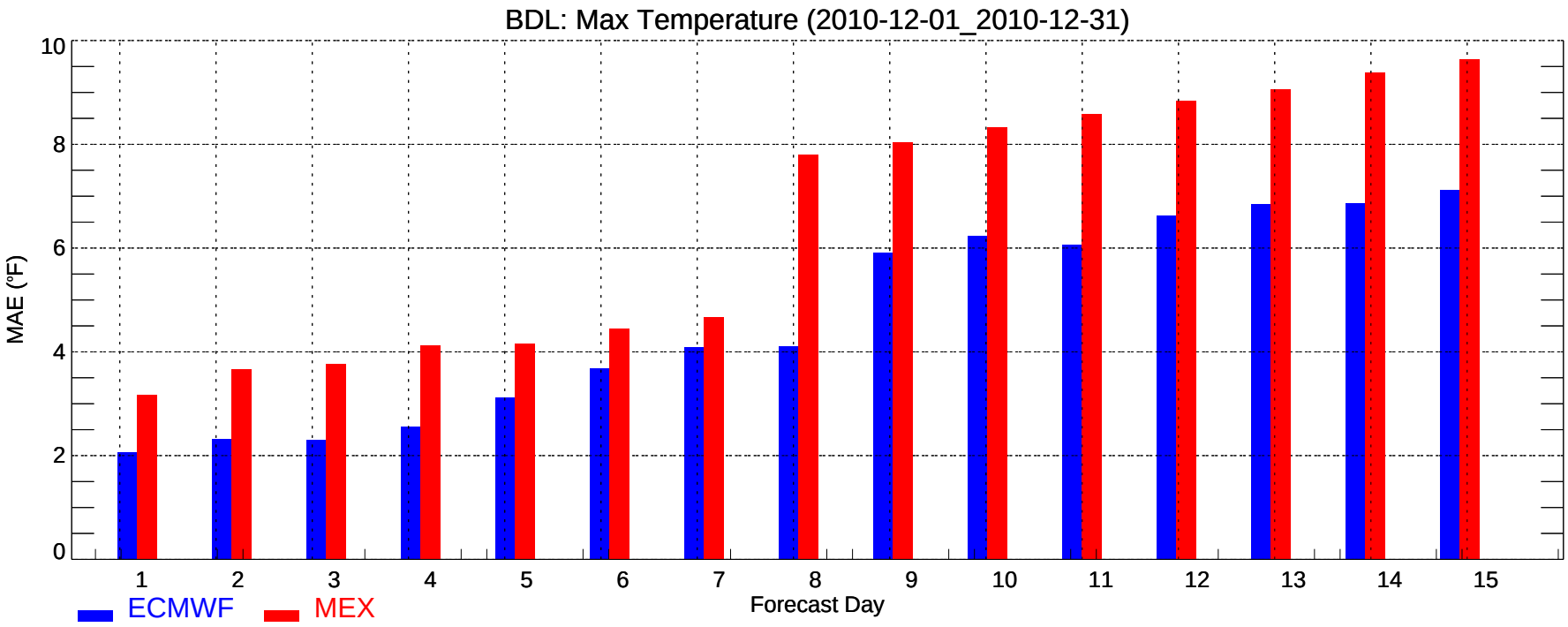

AUS: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

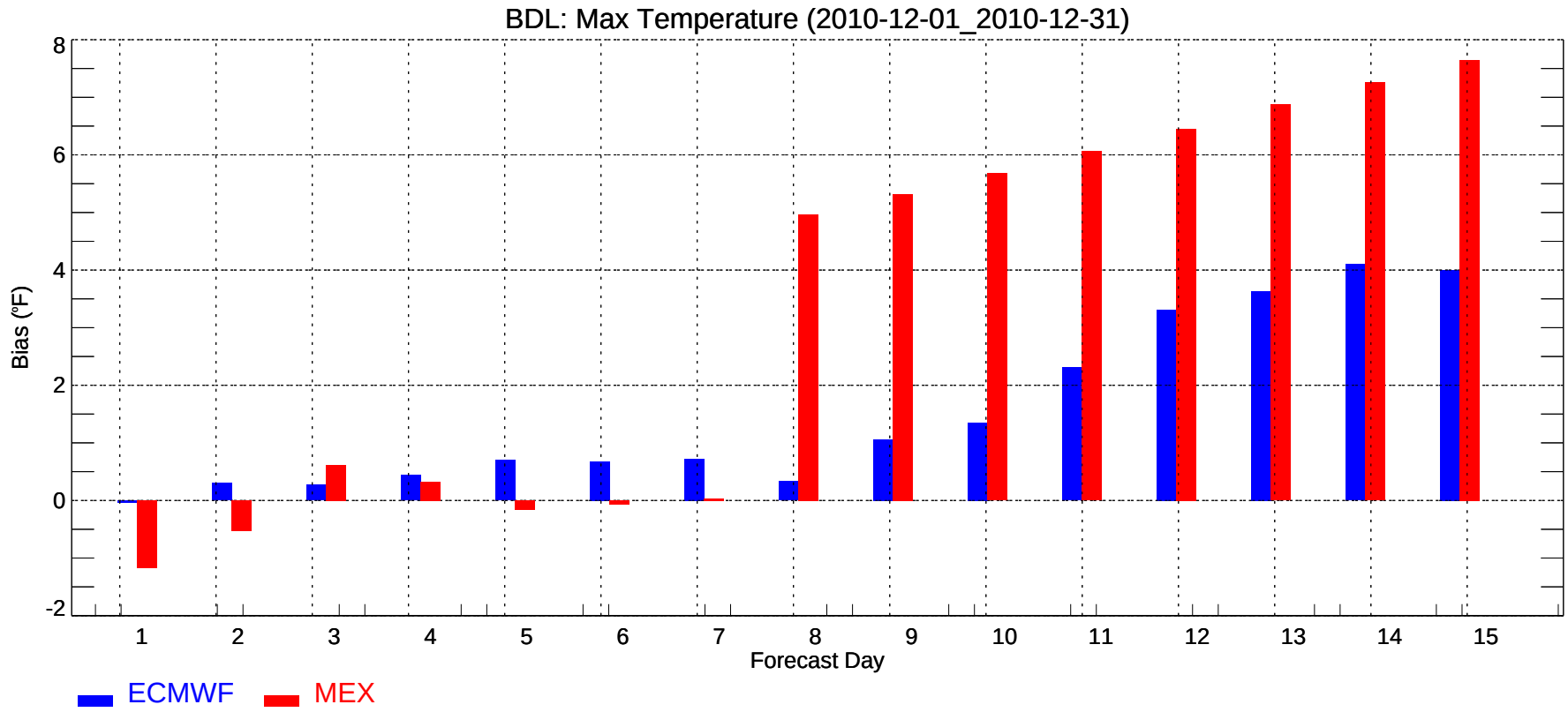

AVP: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

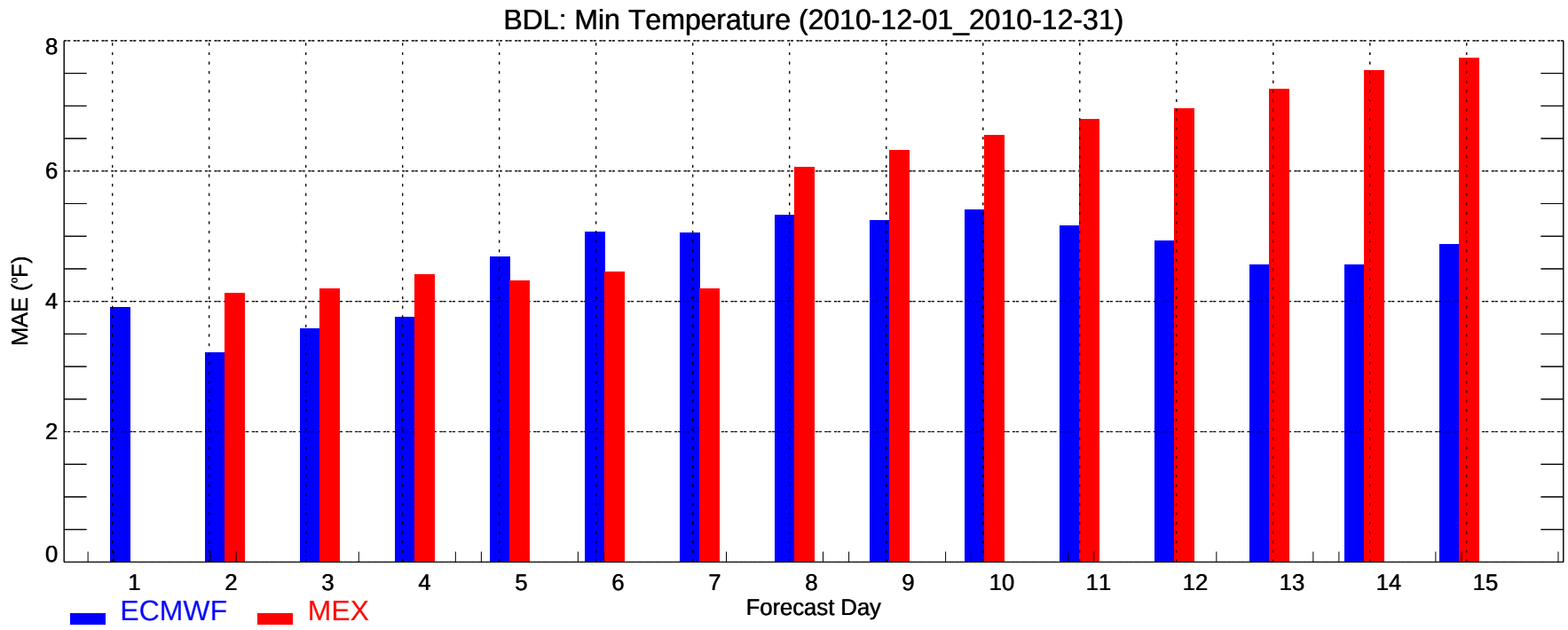

AVP: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

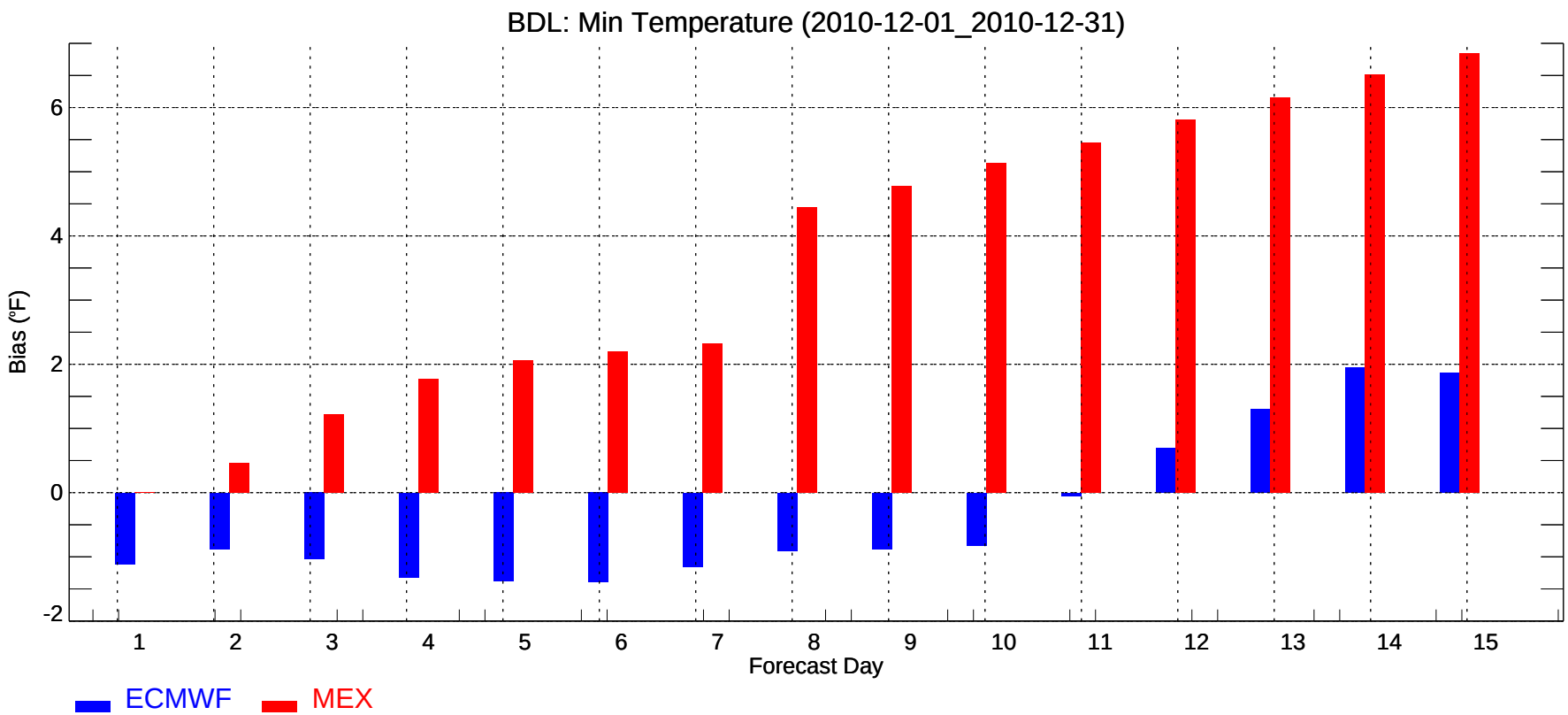

AVP: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

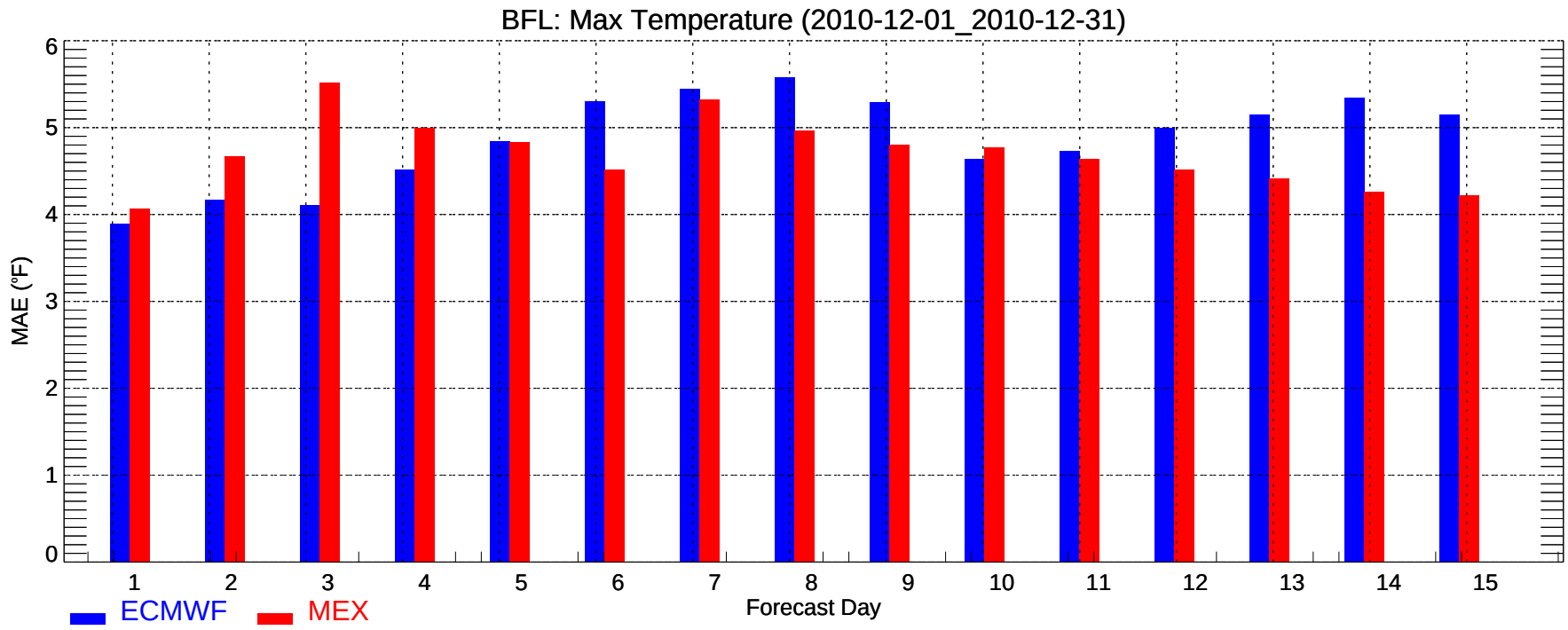

AVP: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

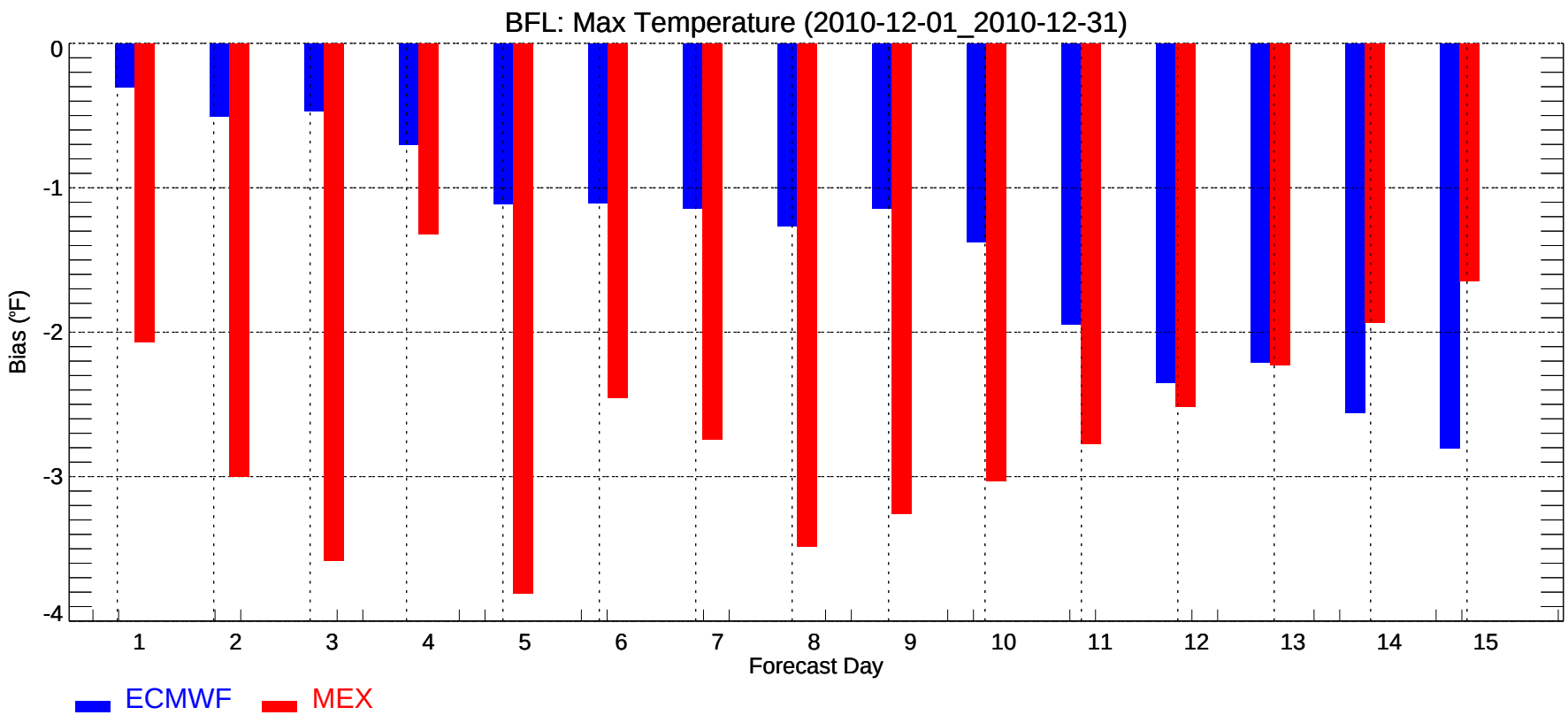

BDL: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

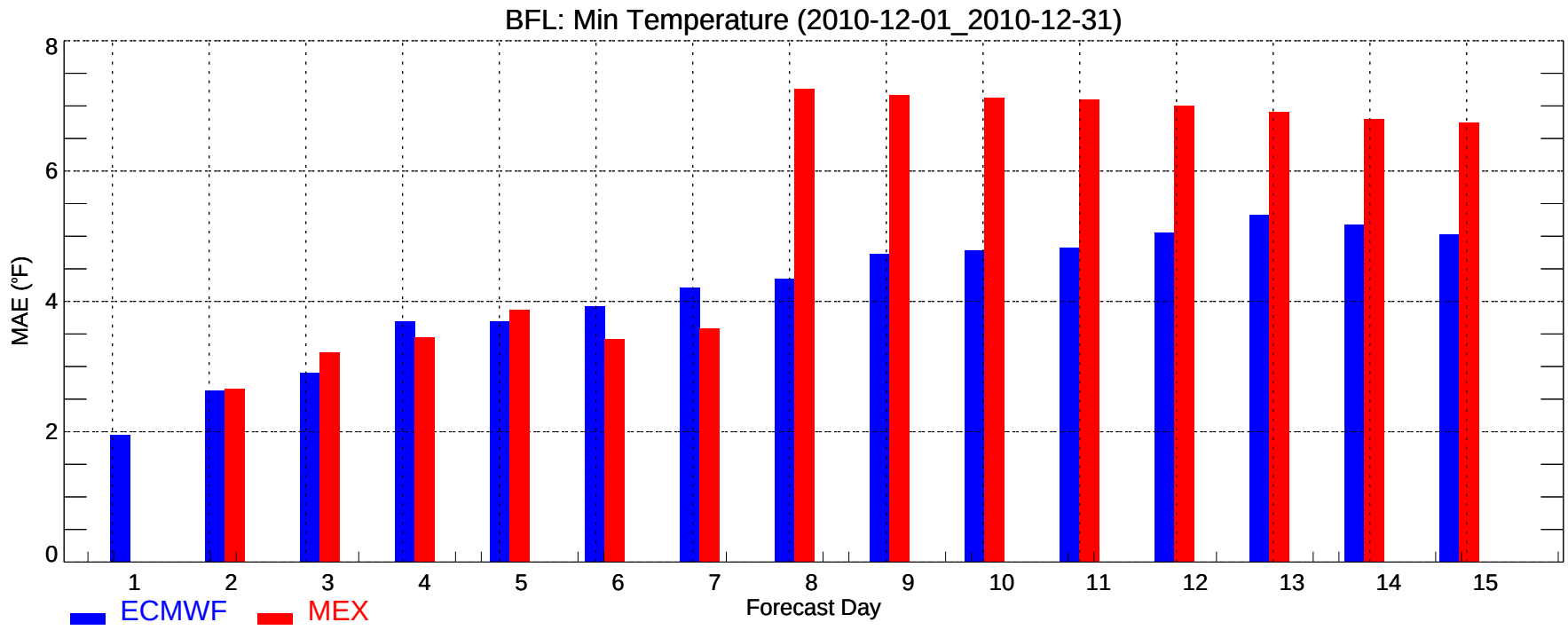

BDL: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

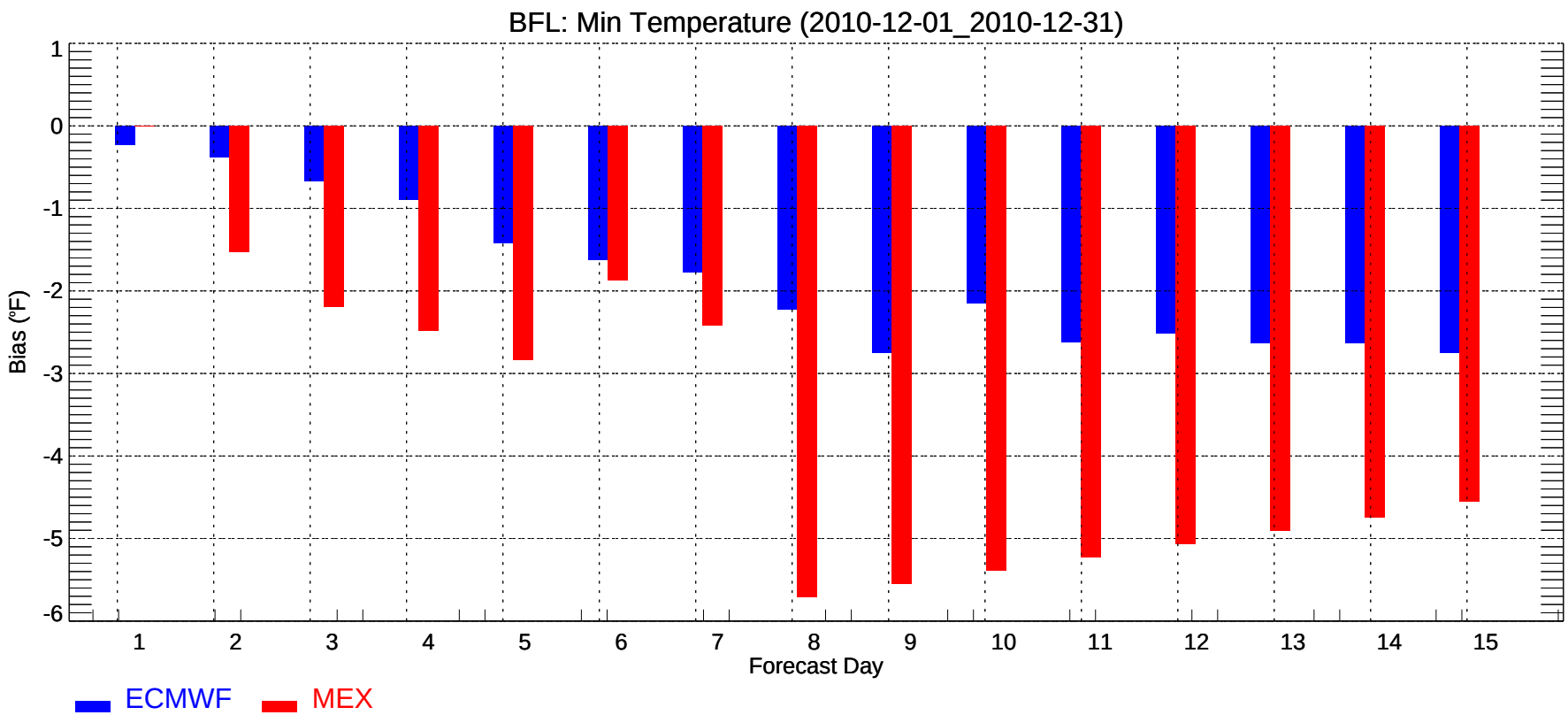

BDL: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

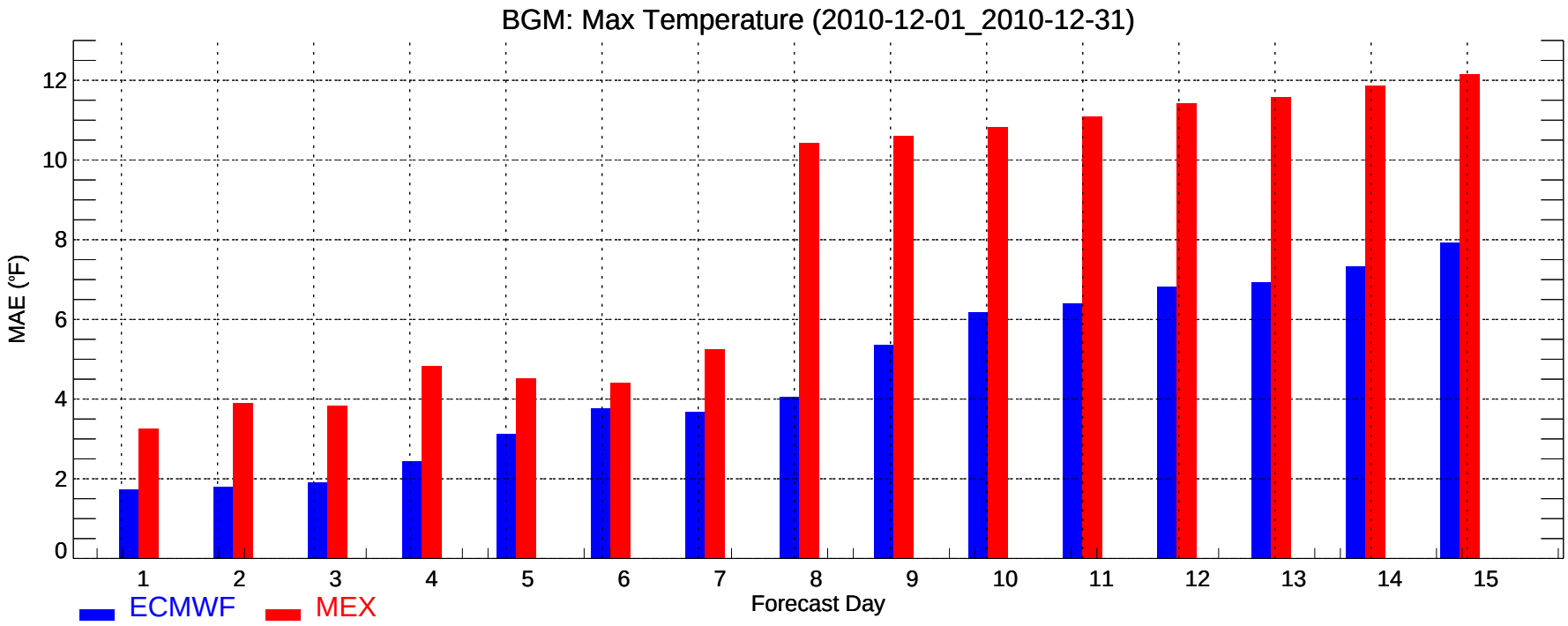

BDL: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

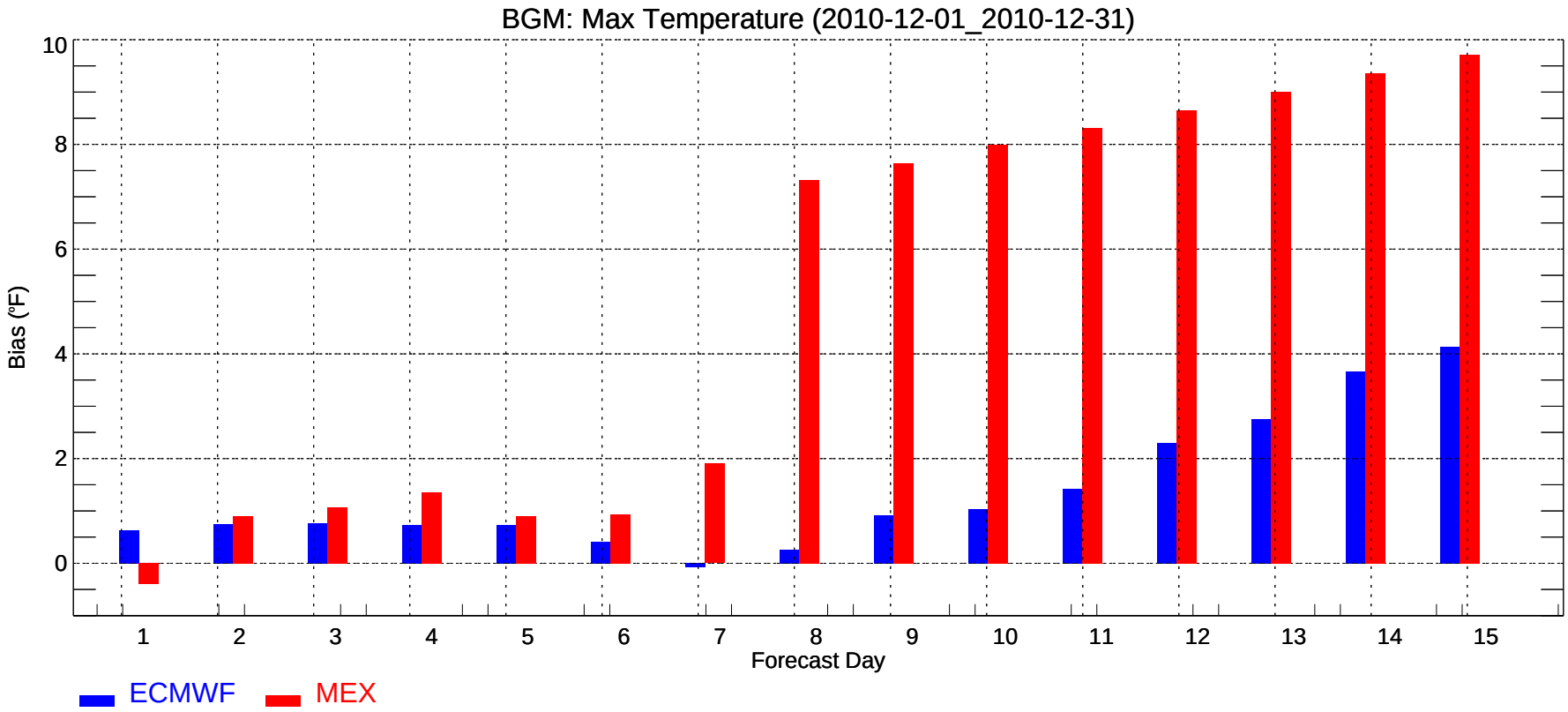

BFL: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

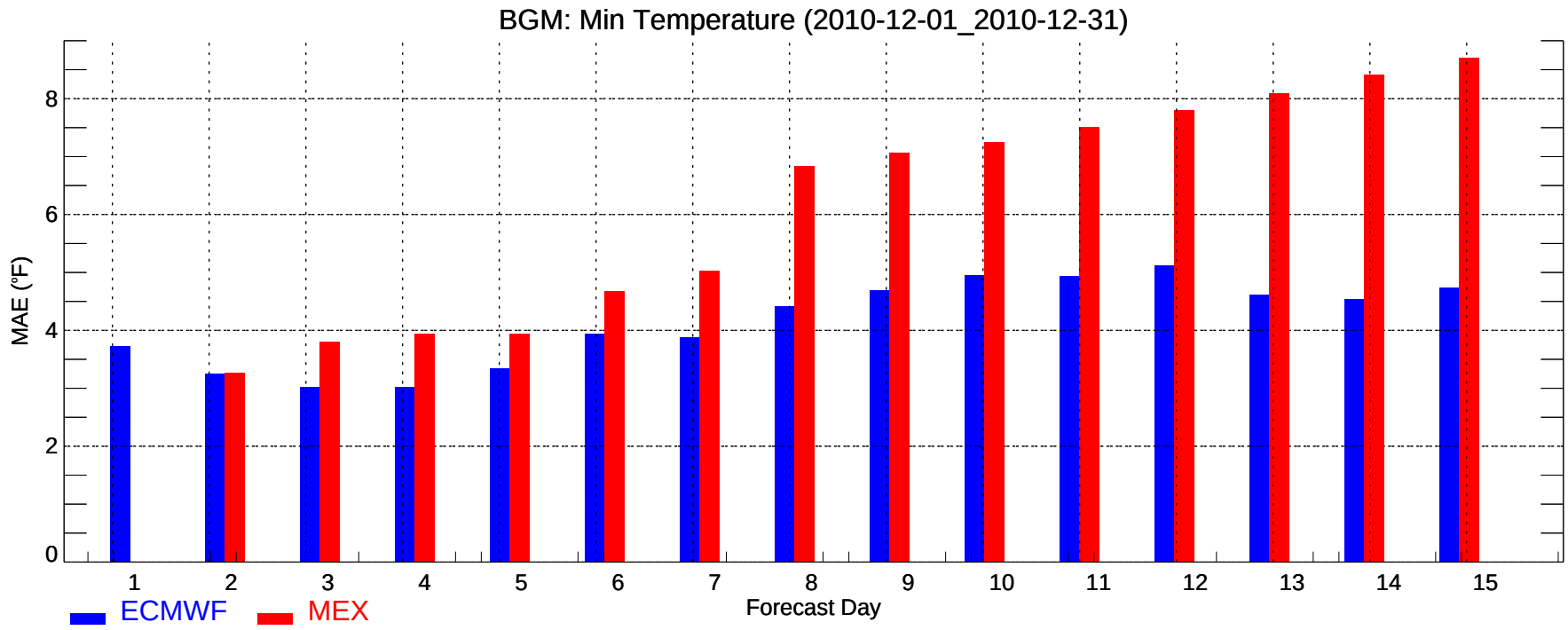

BFL: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

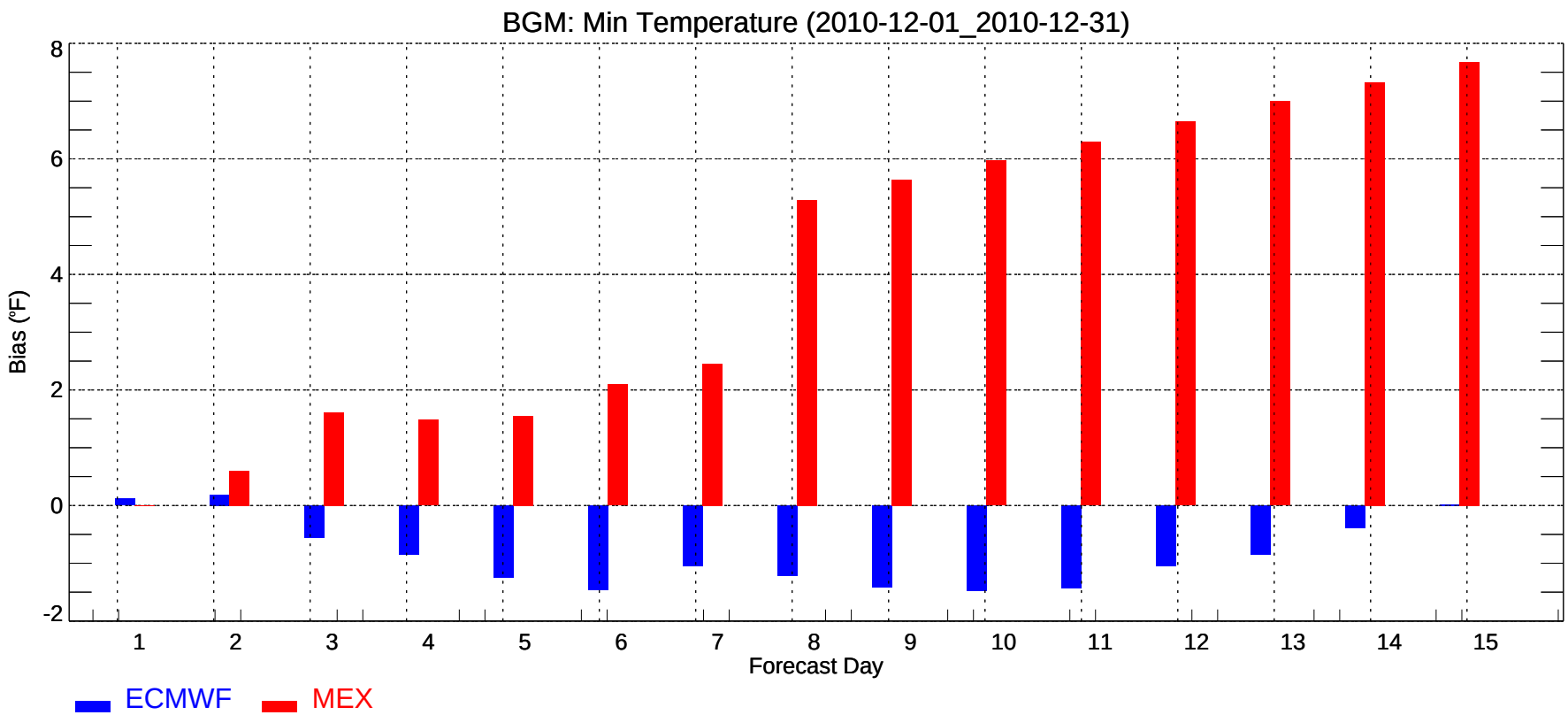

BFL: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

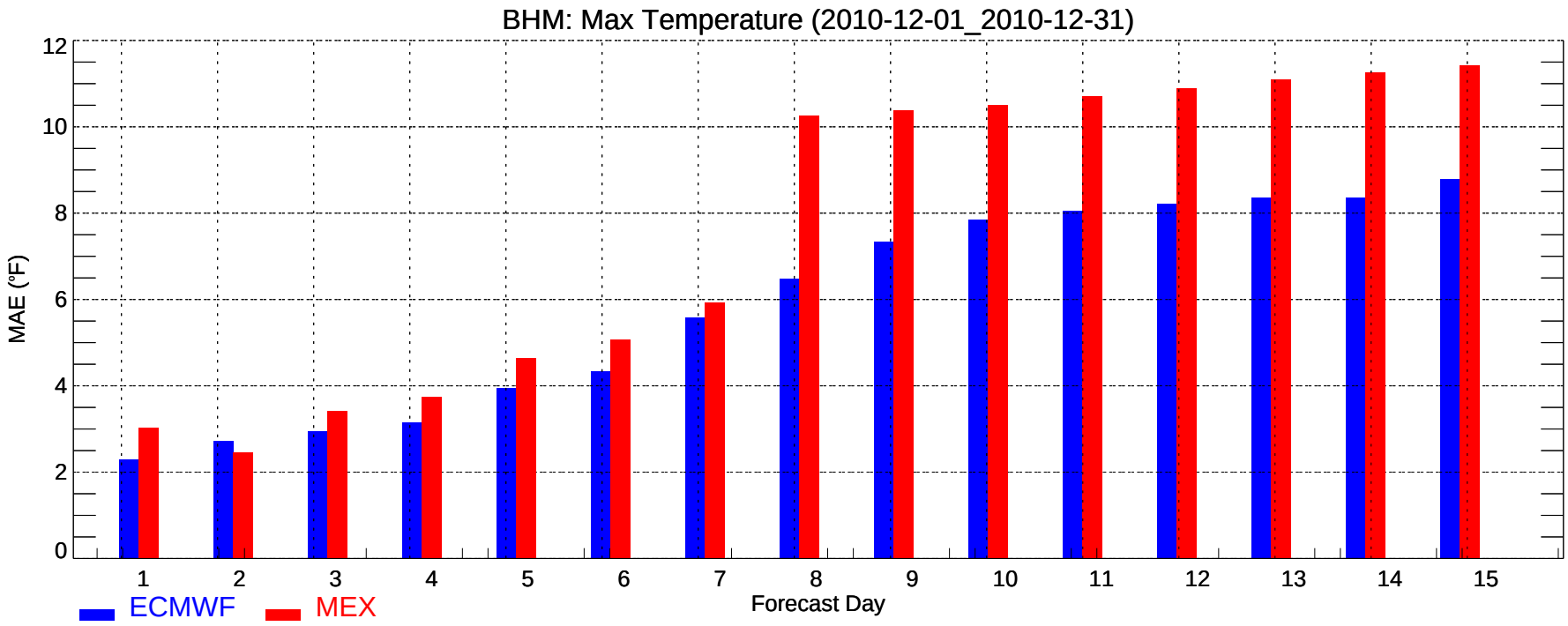

BFL: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

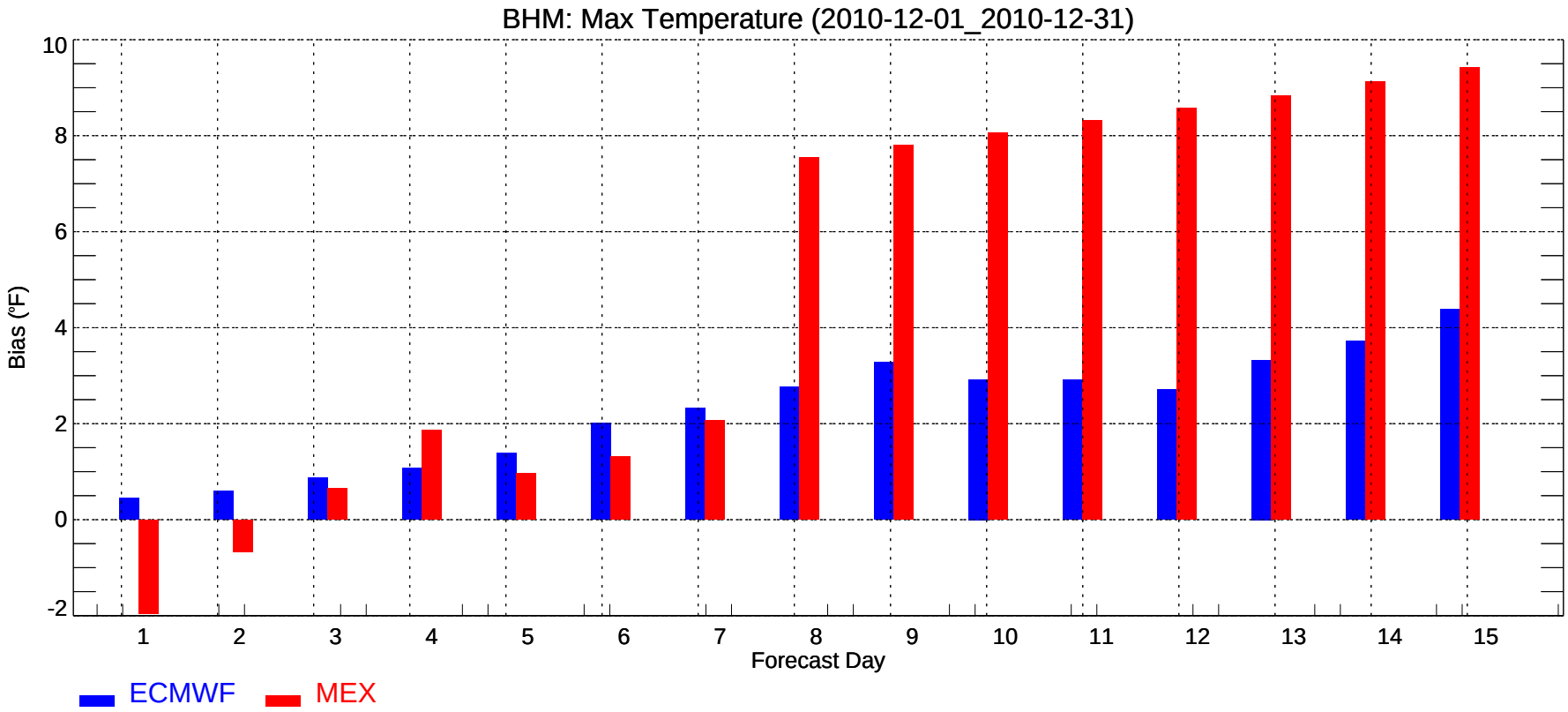

BGM: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

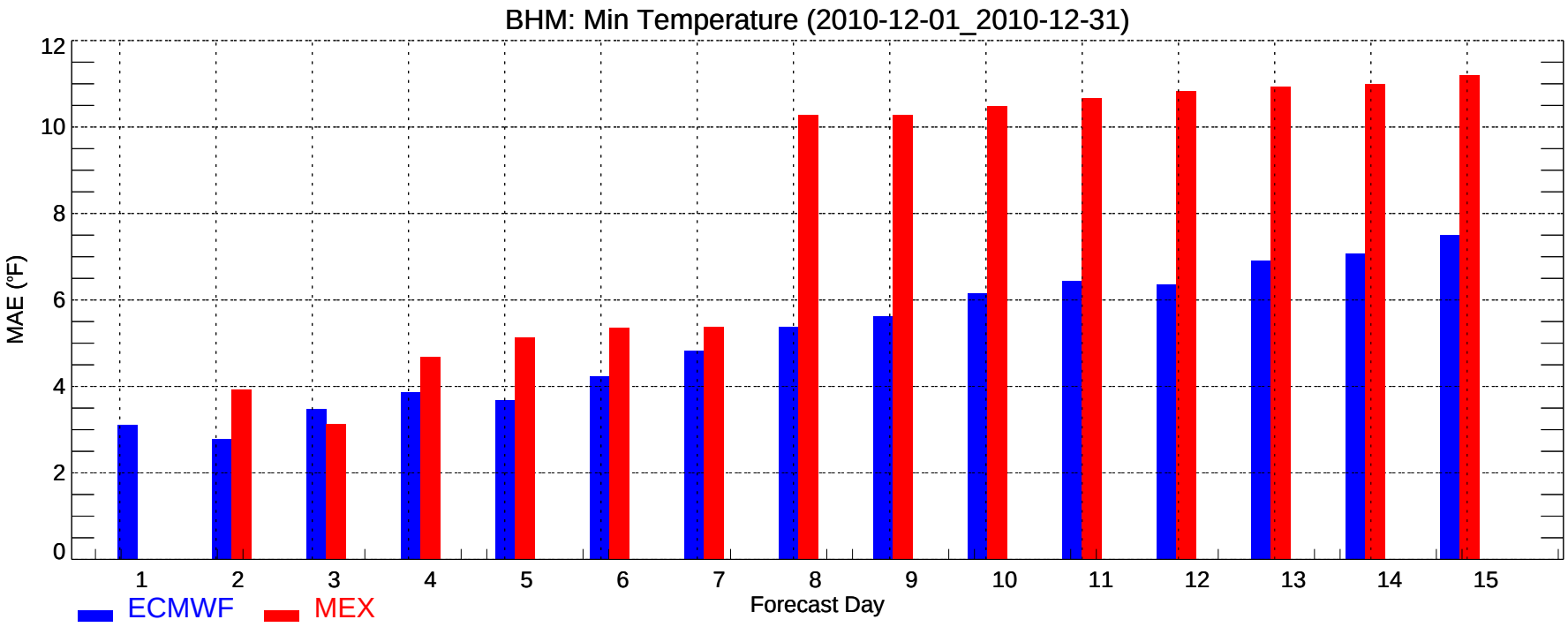

BGM: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

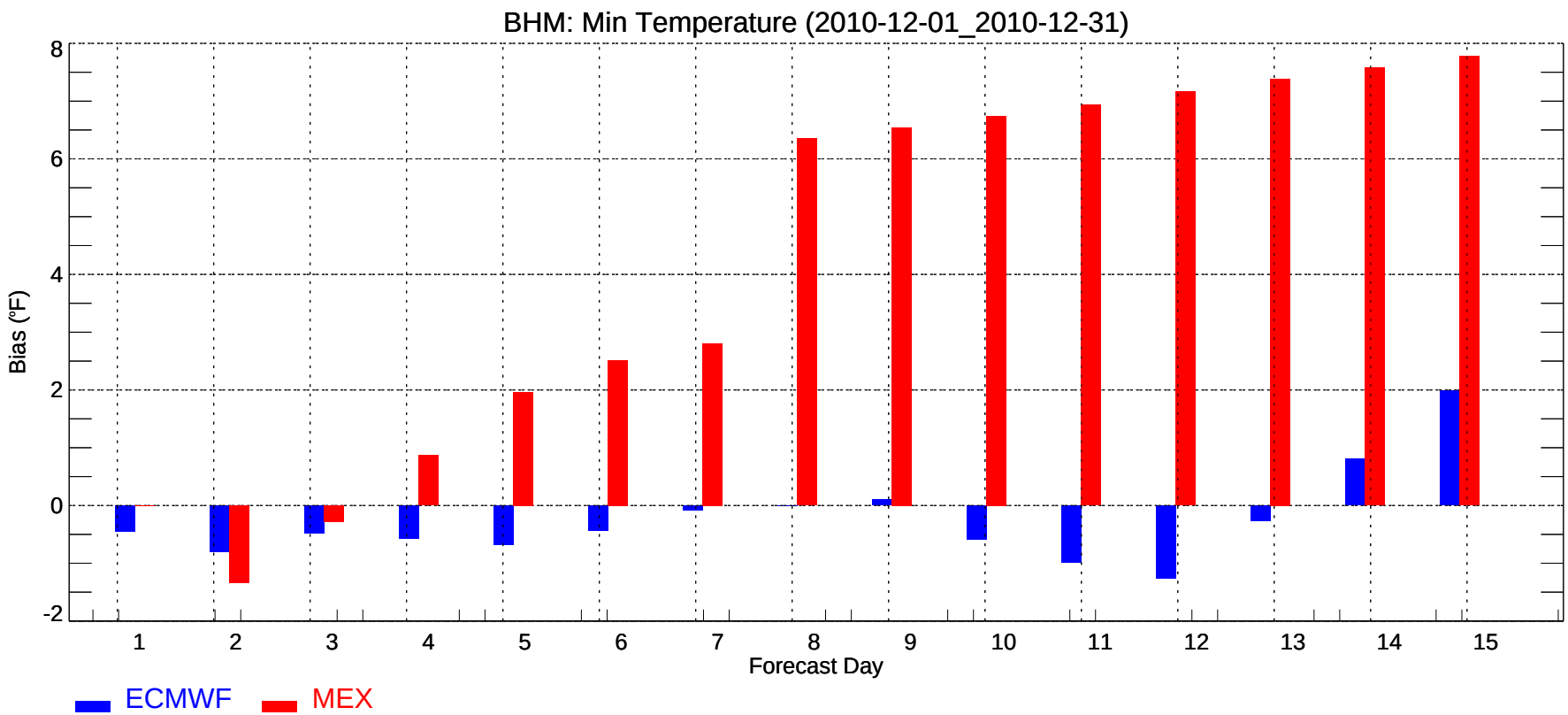

BGM: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

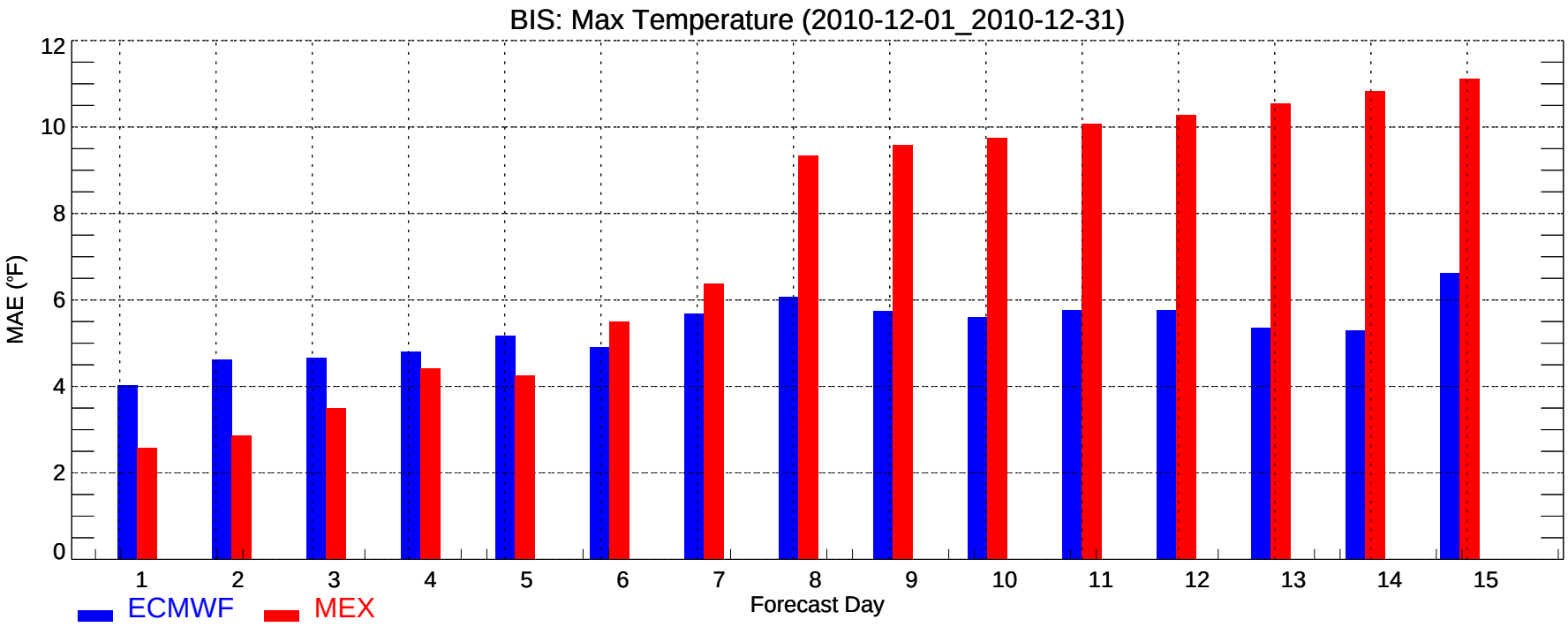

BGM: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

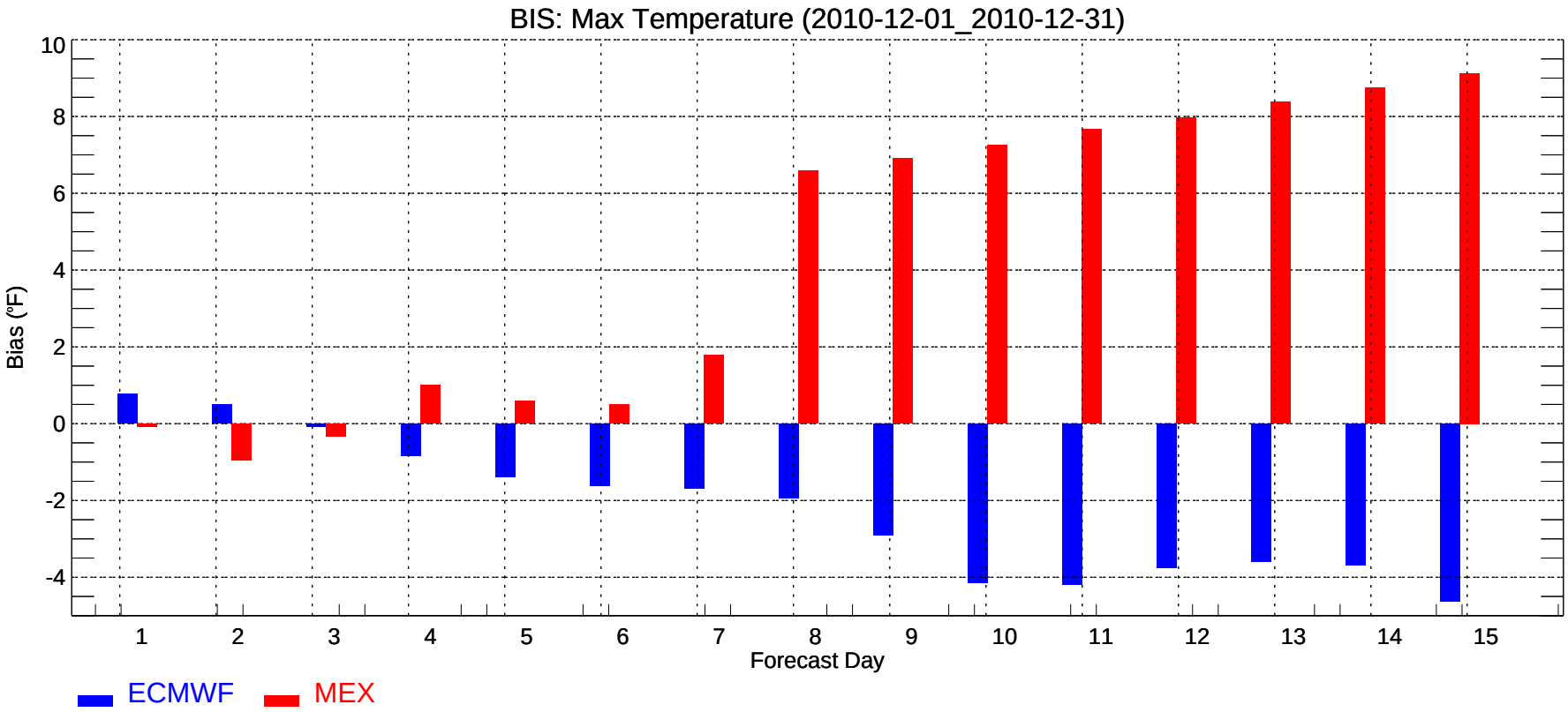

BHM: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

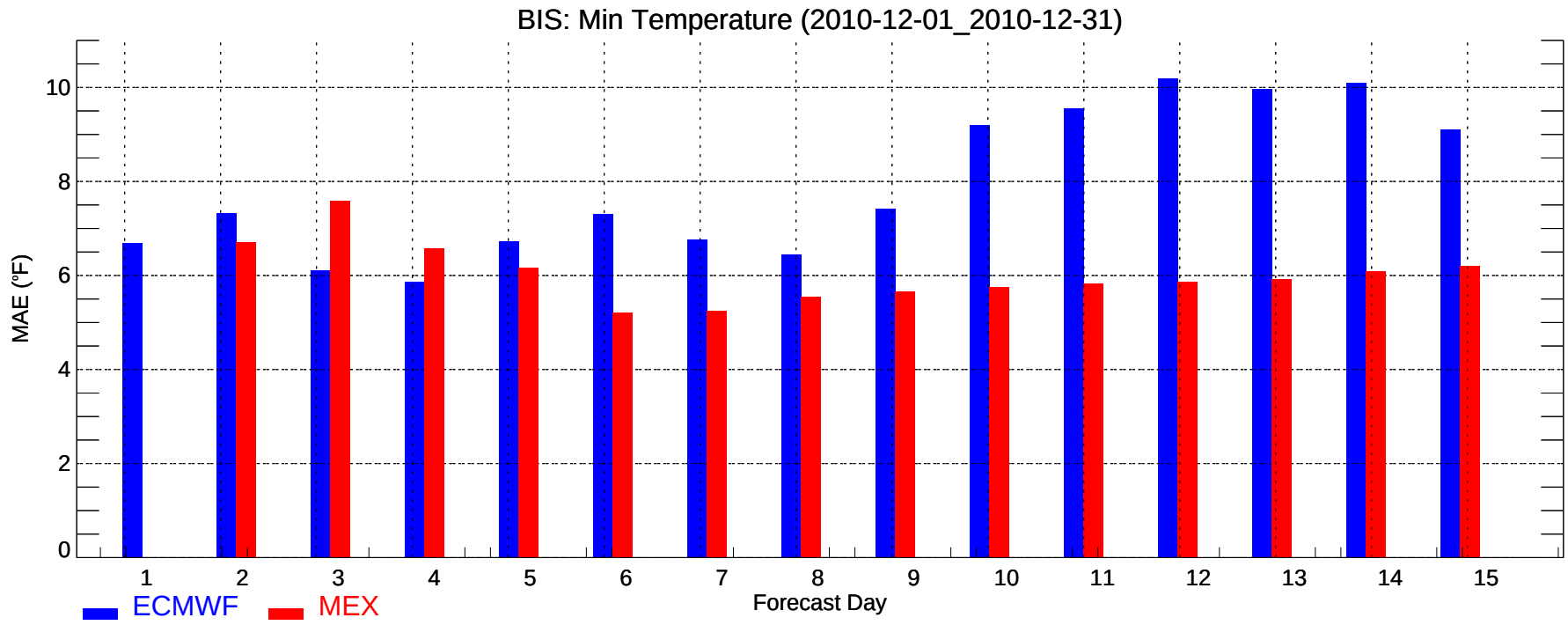

BHM: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

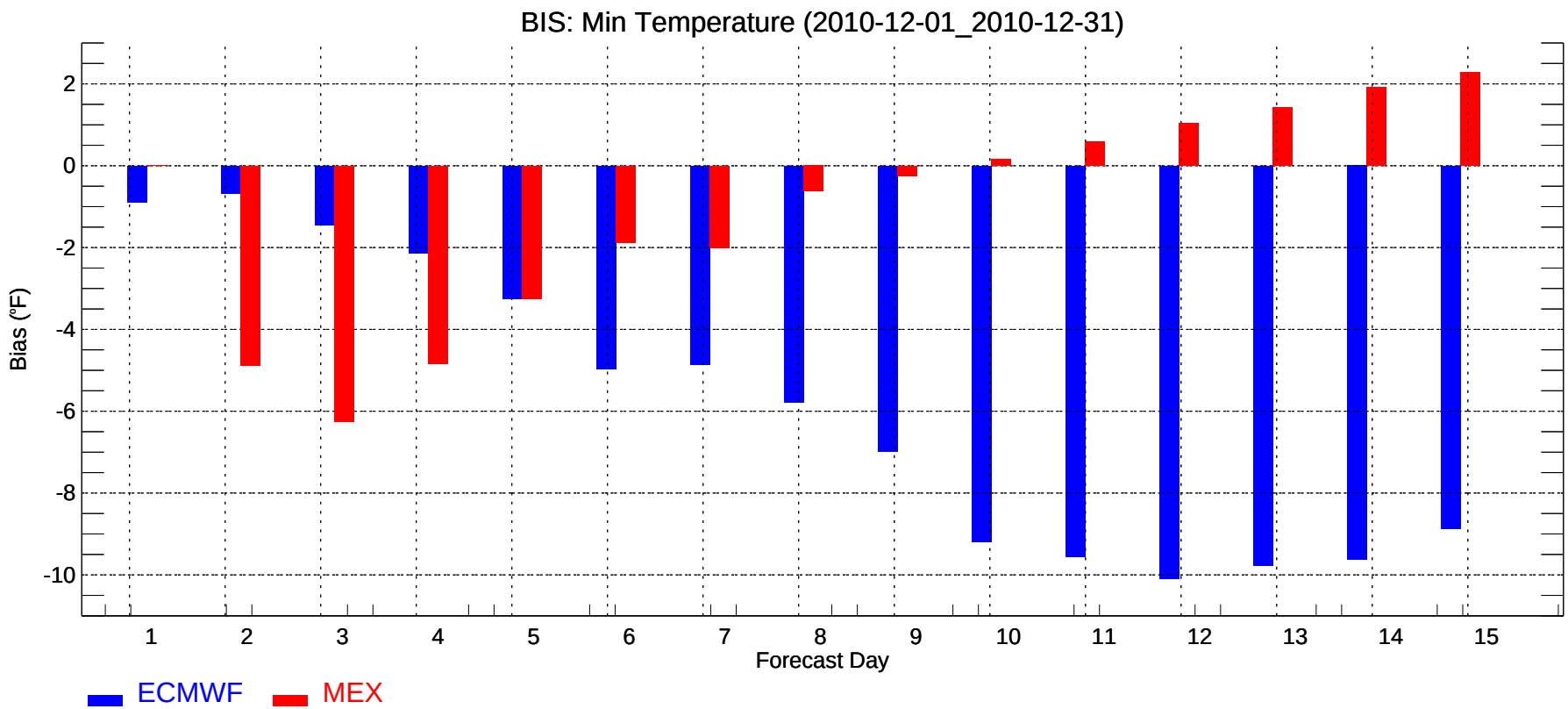

BHM: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

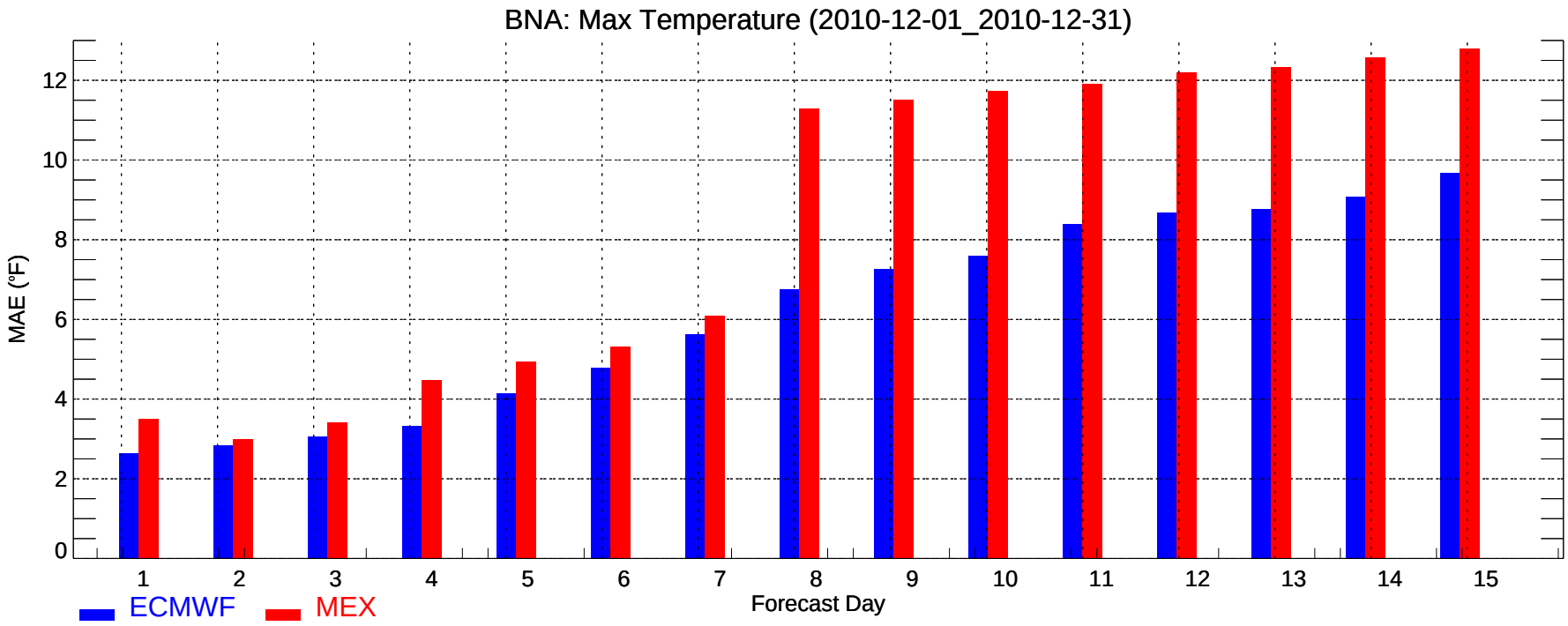

BHM: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

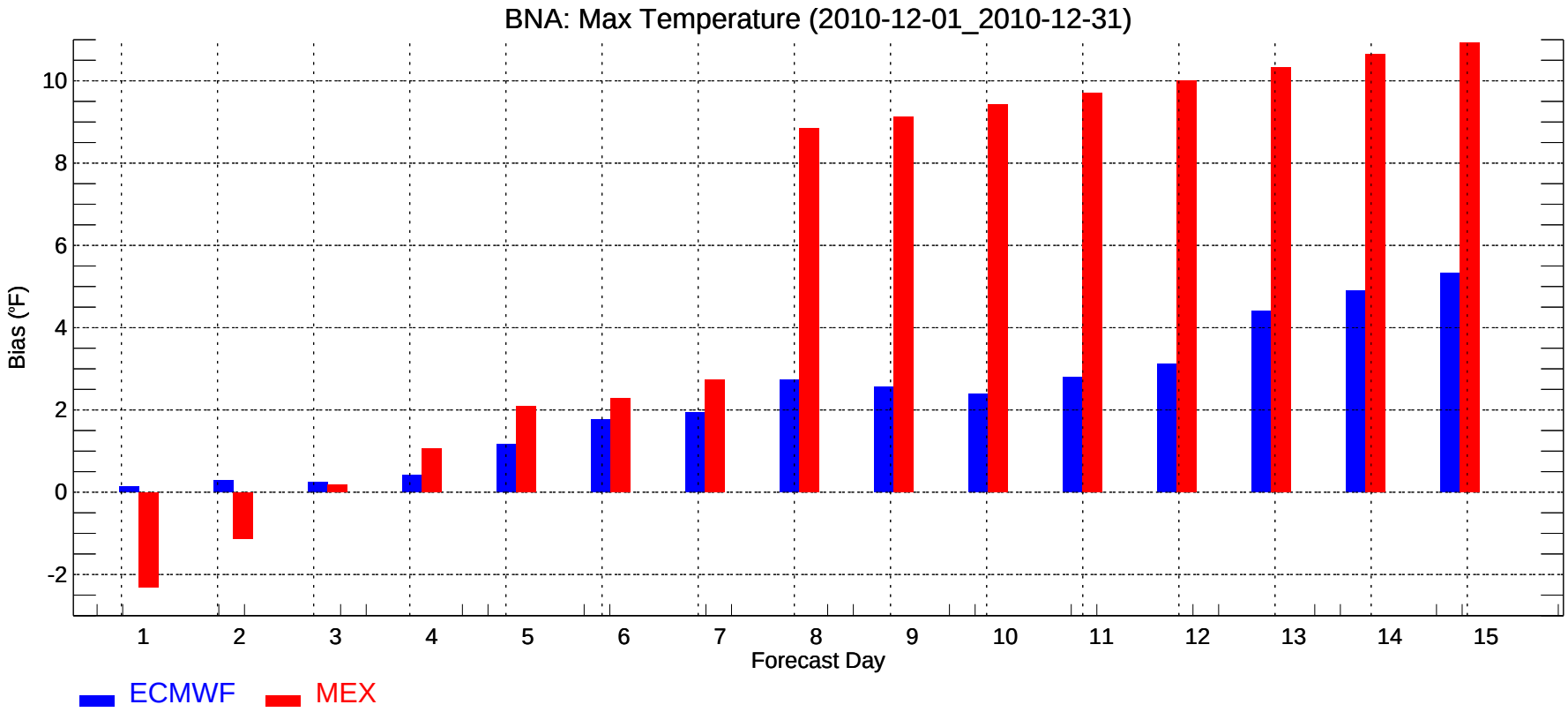

BIS: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

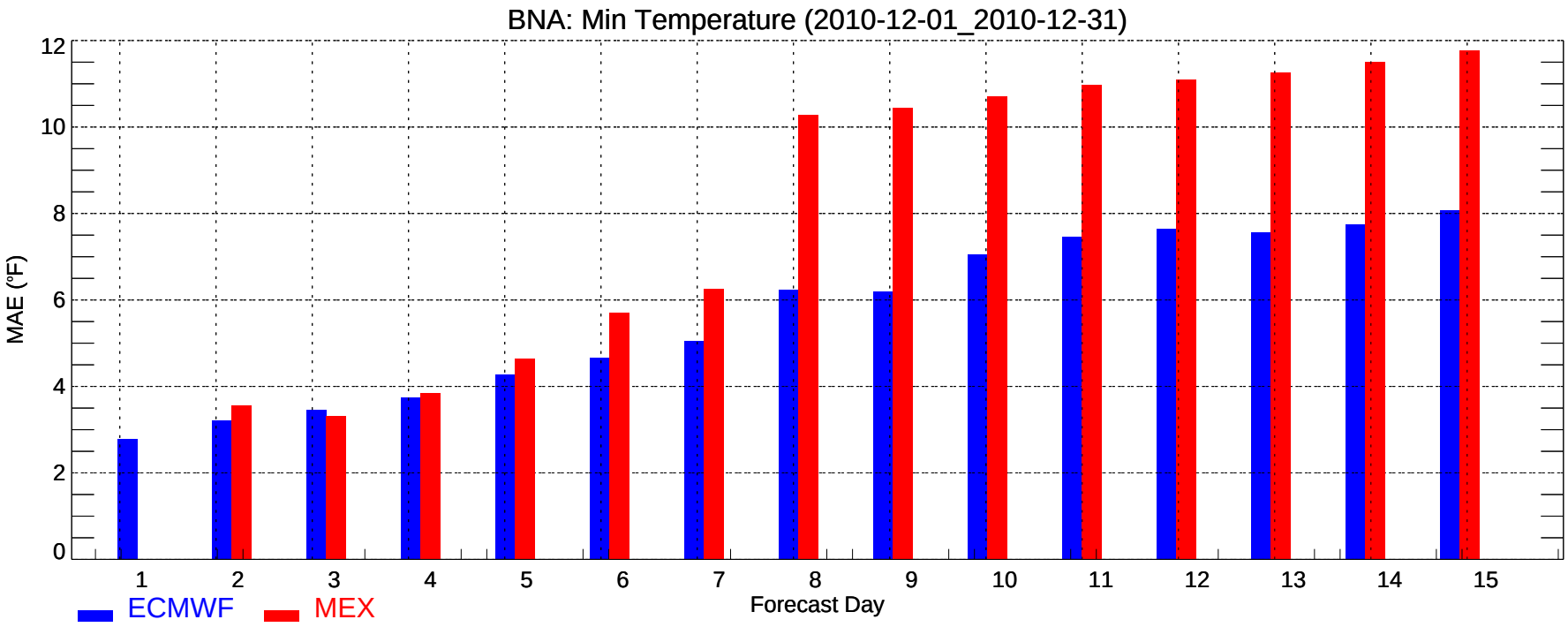

BIS: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

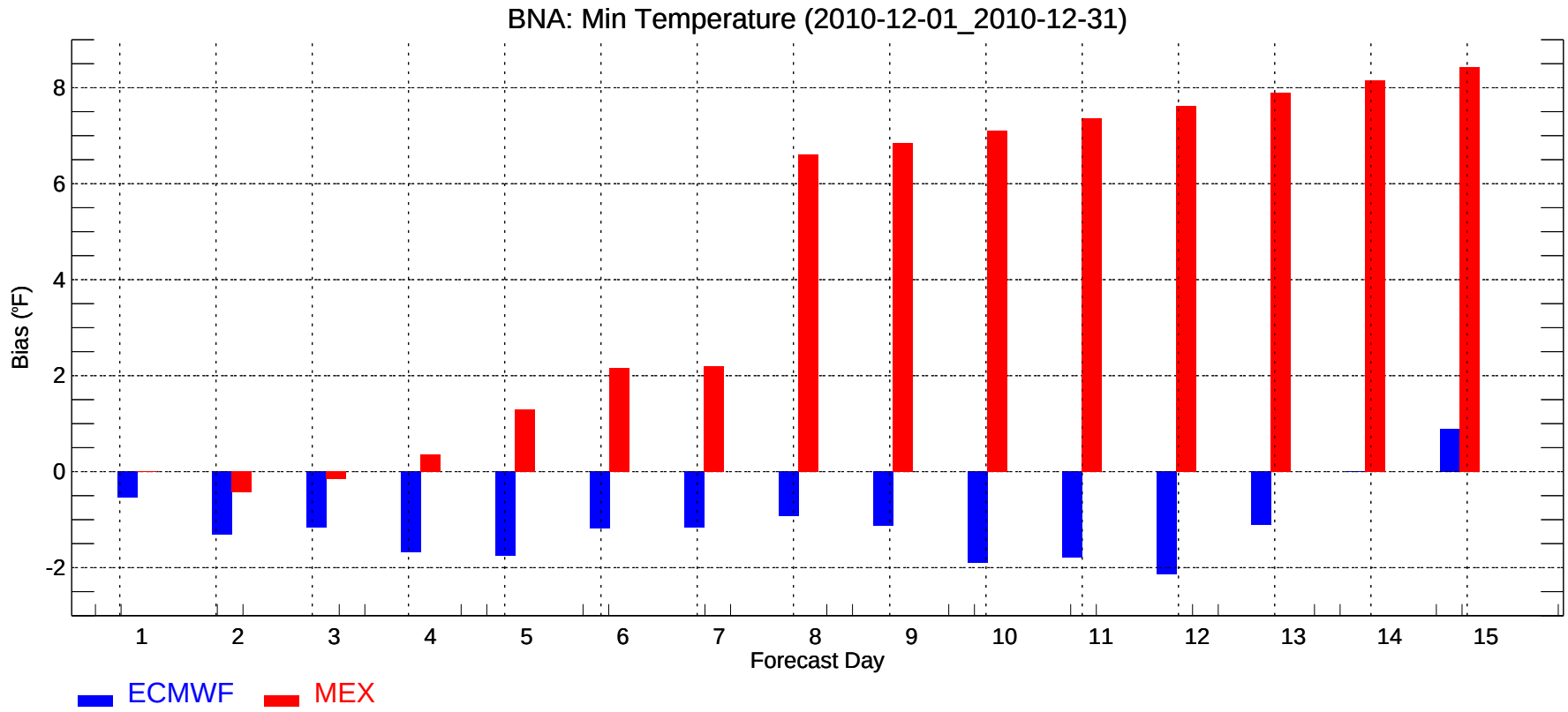

BIS: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

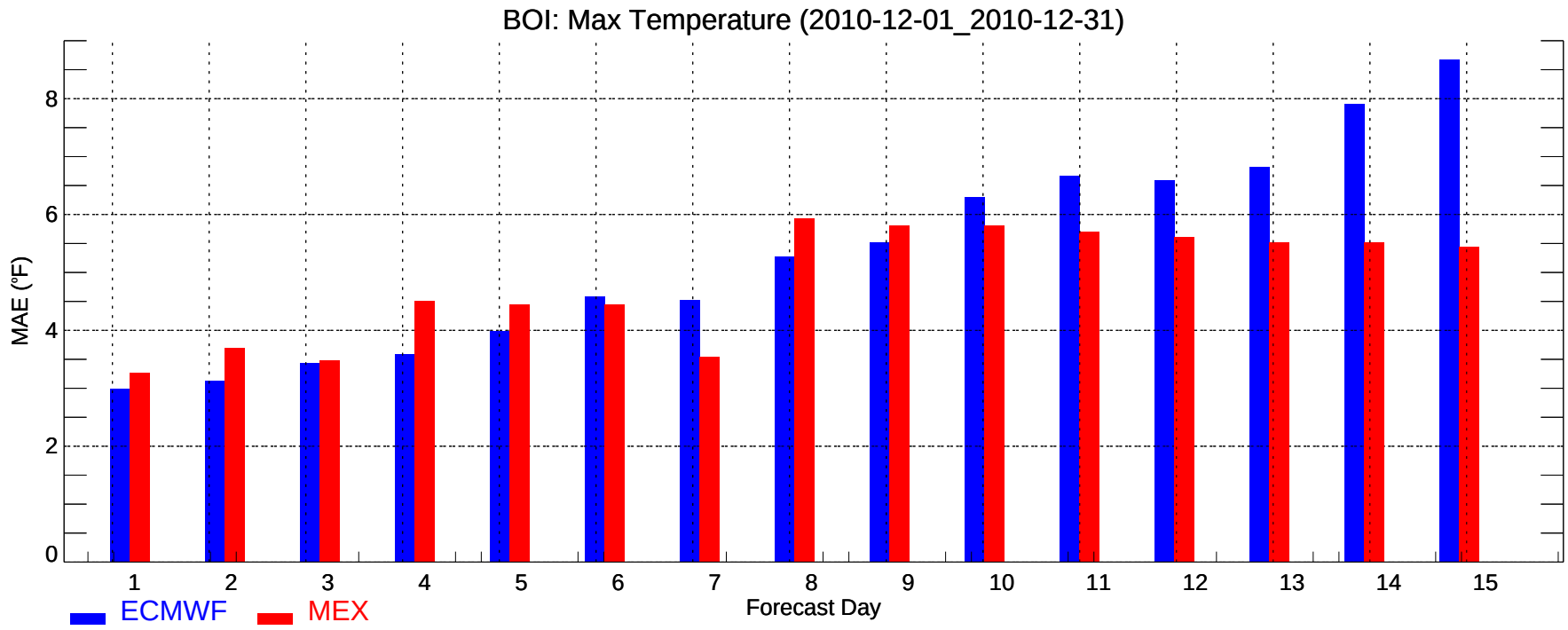

BIS: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

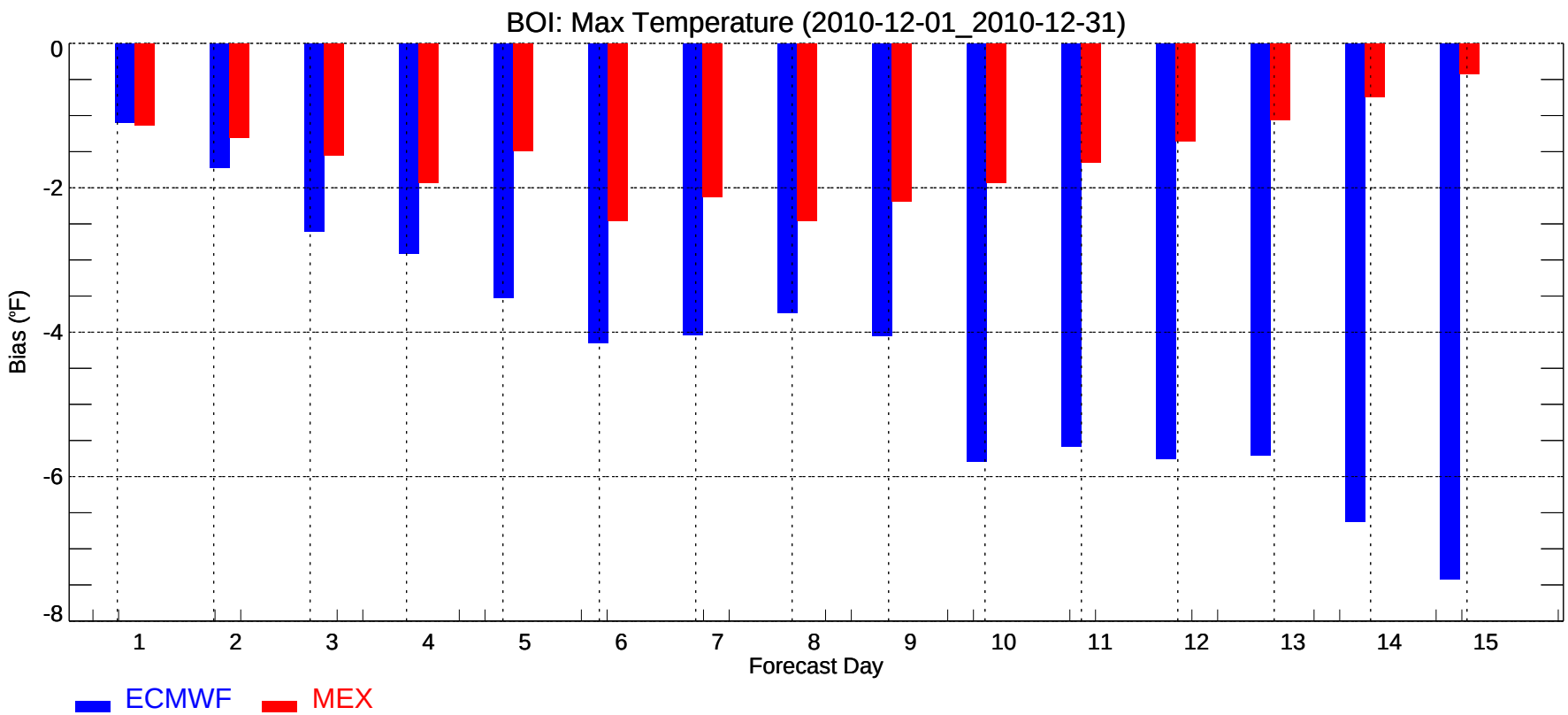

BNA: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

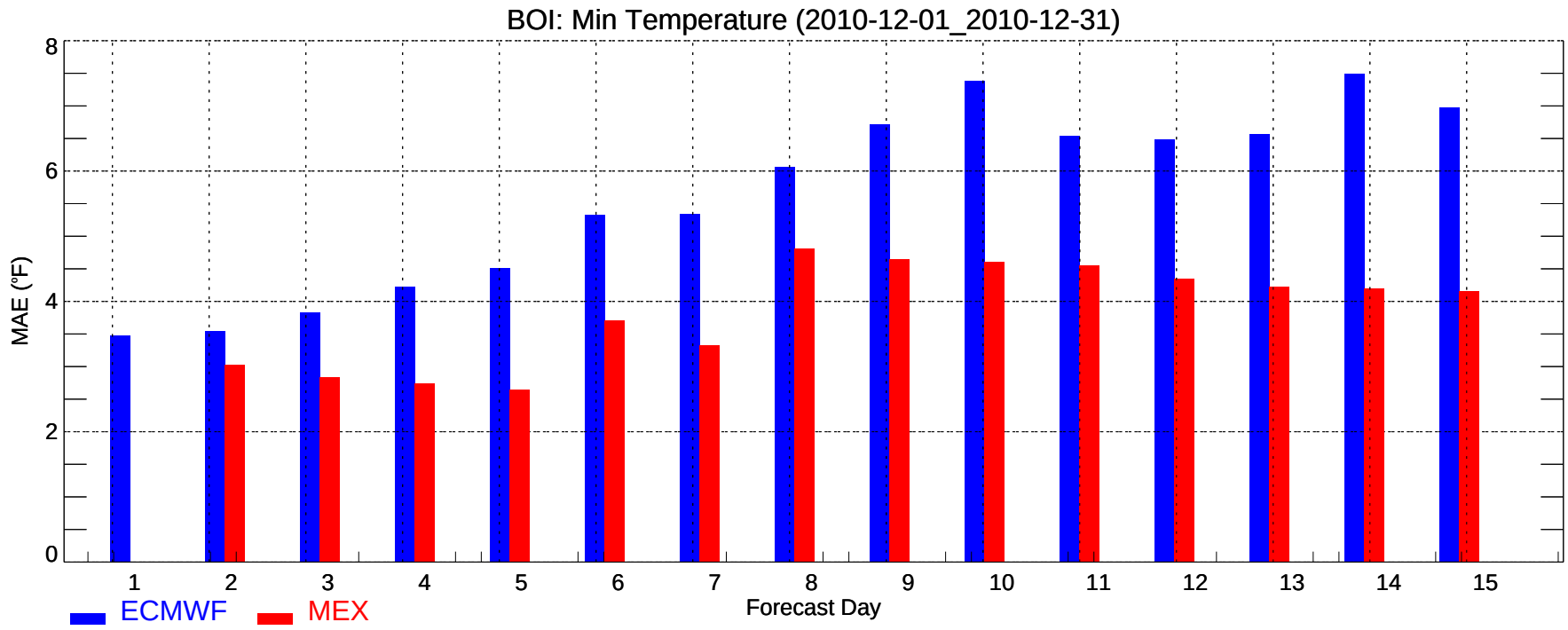

BNA: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

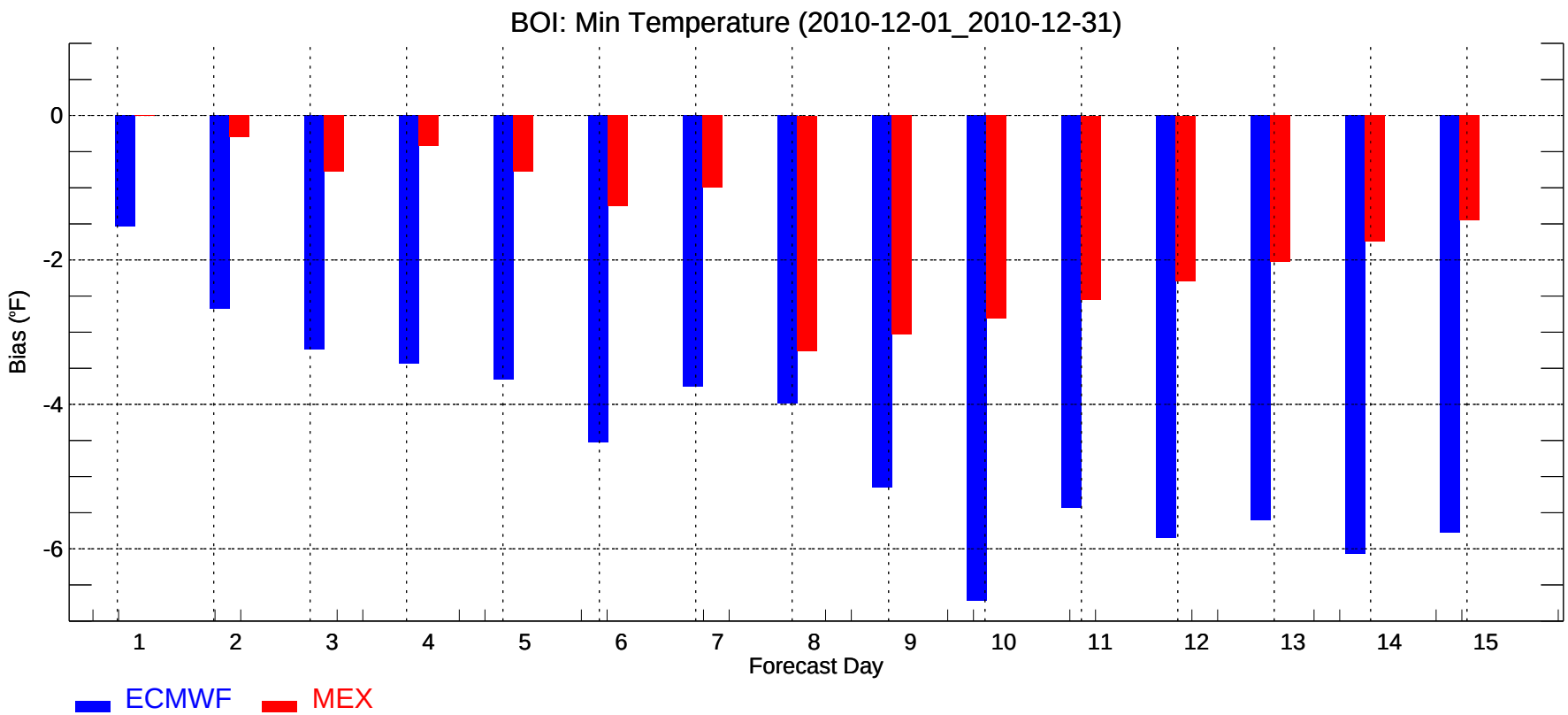

BNA: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

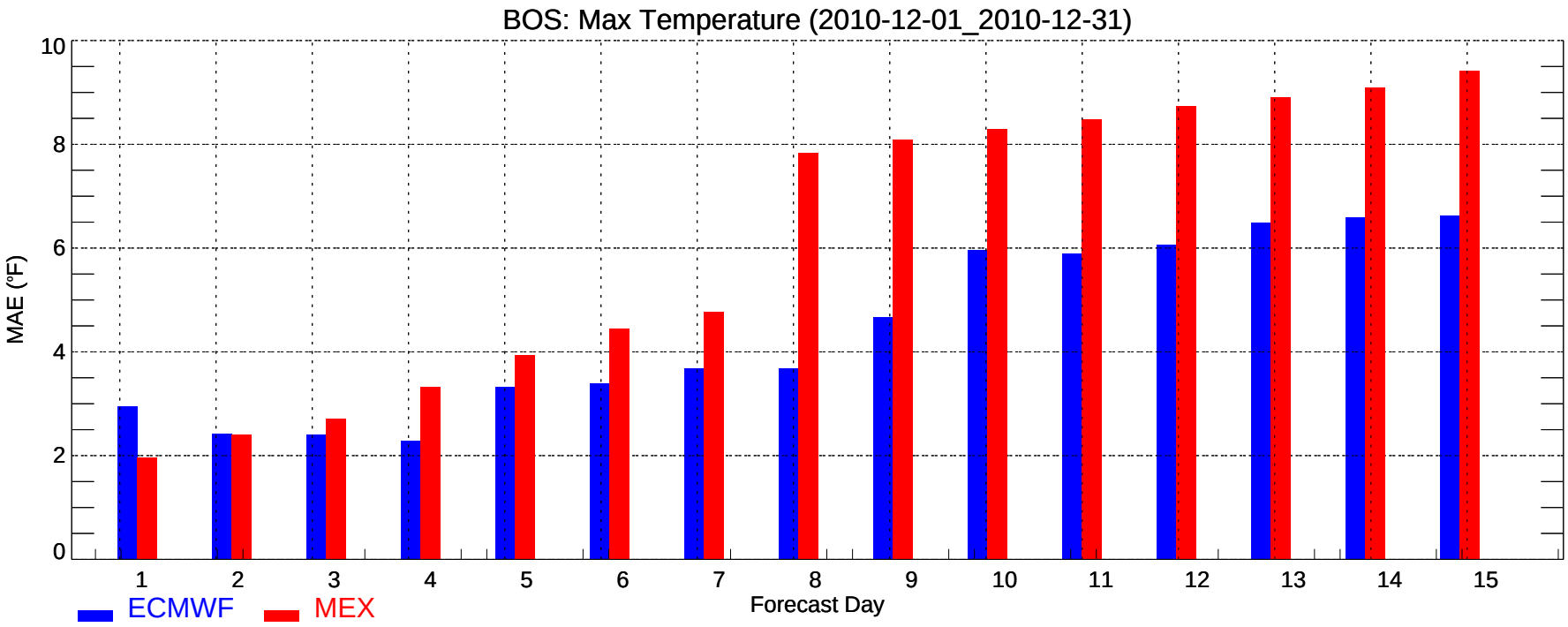

BNA: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

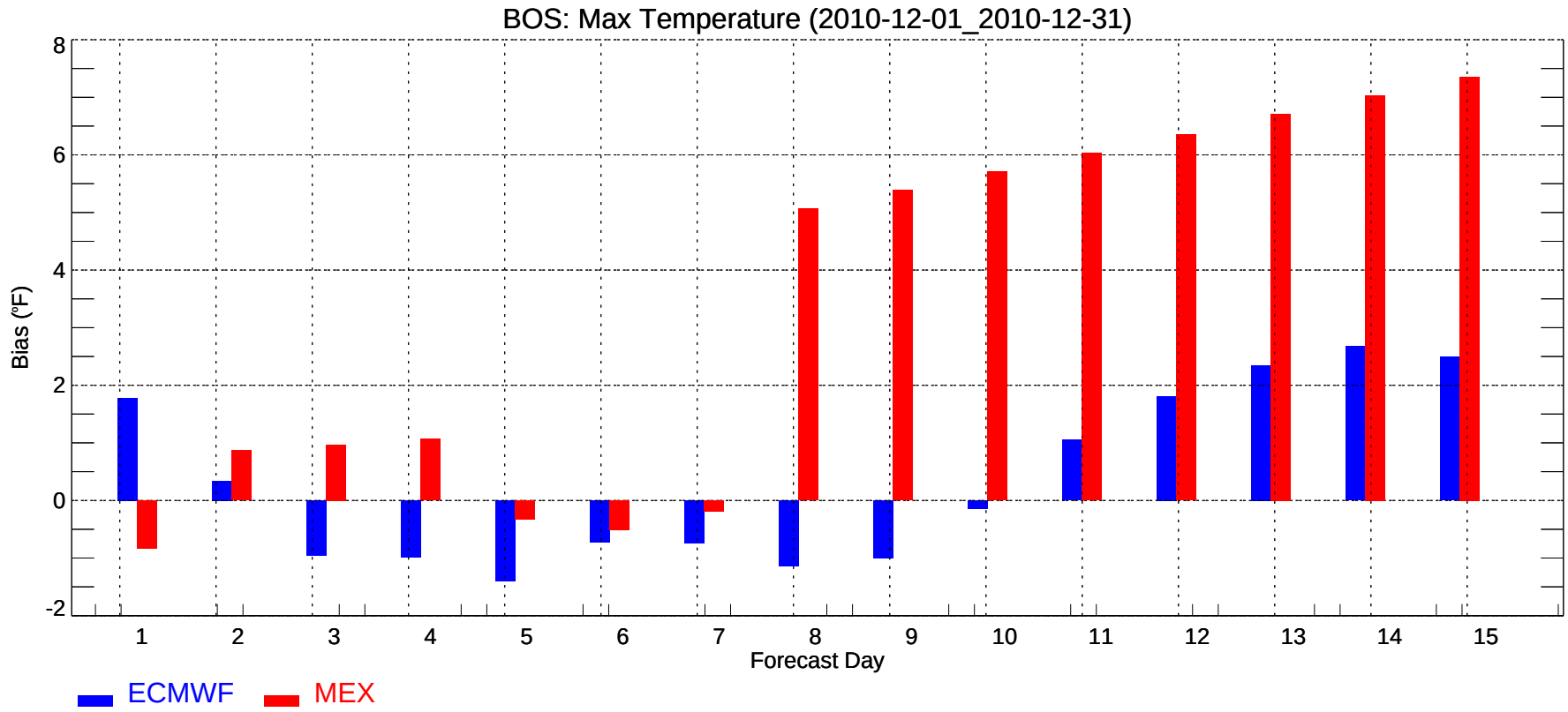

BOI: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

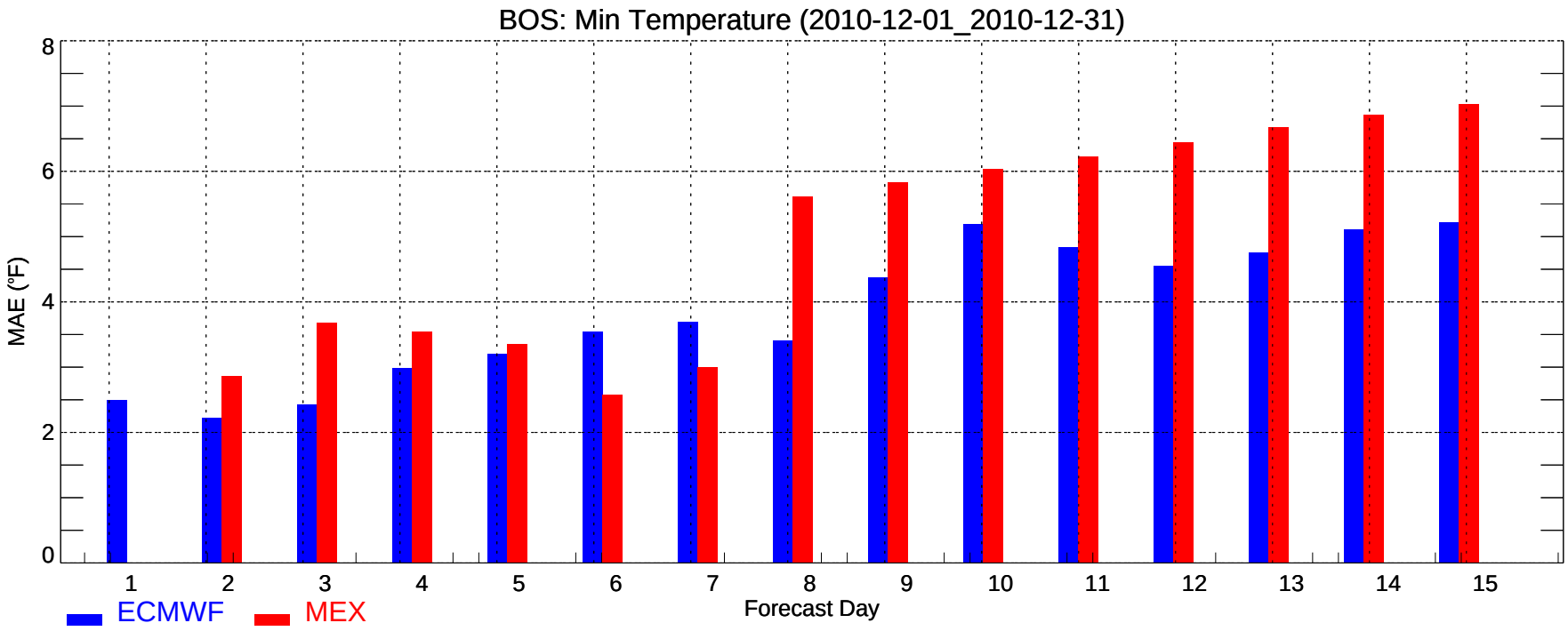

BOI: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

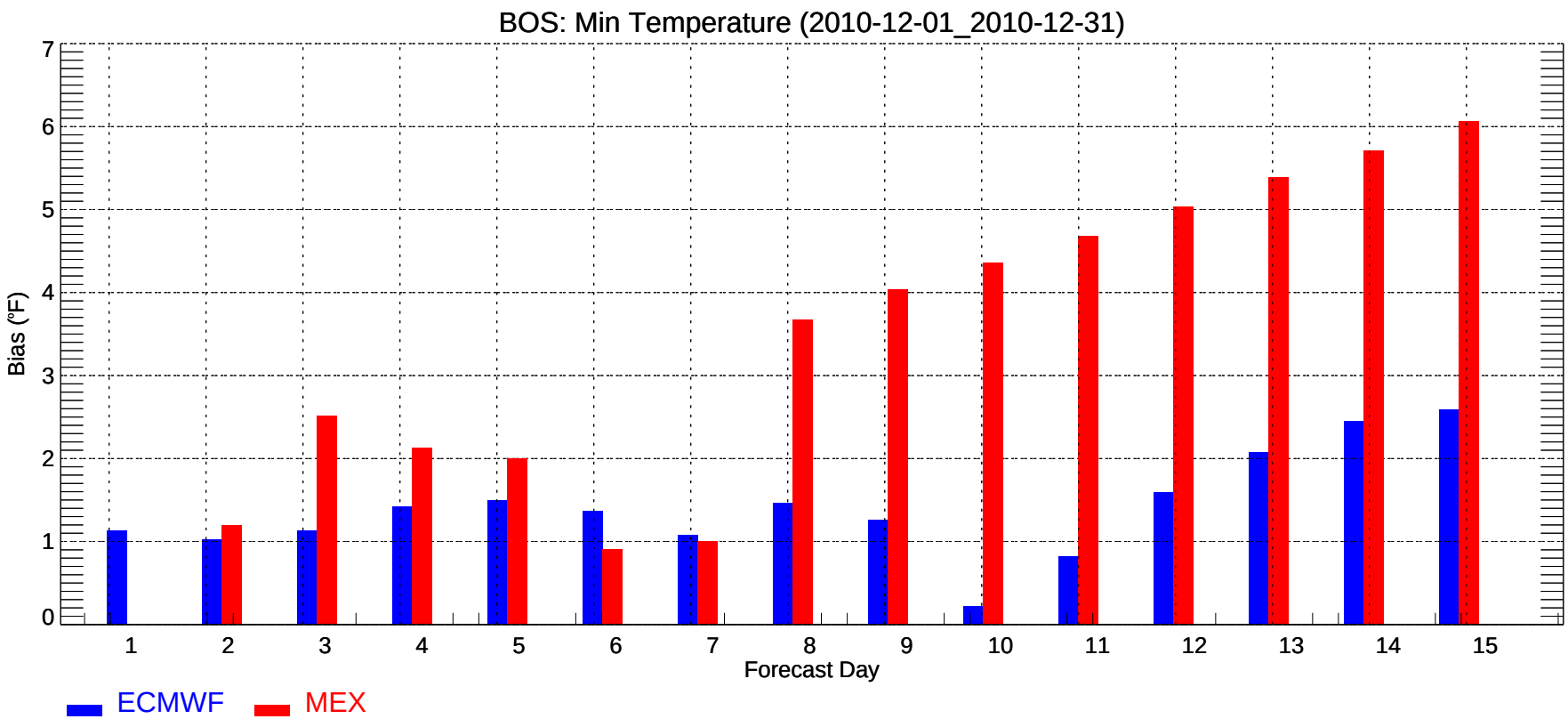

BOI: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

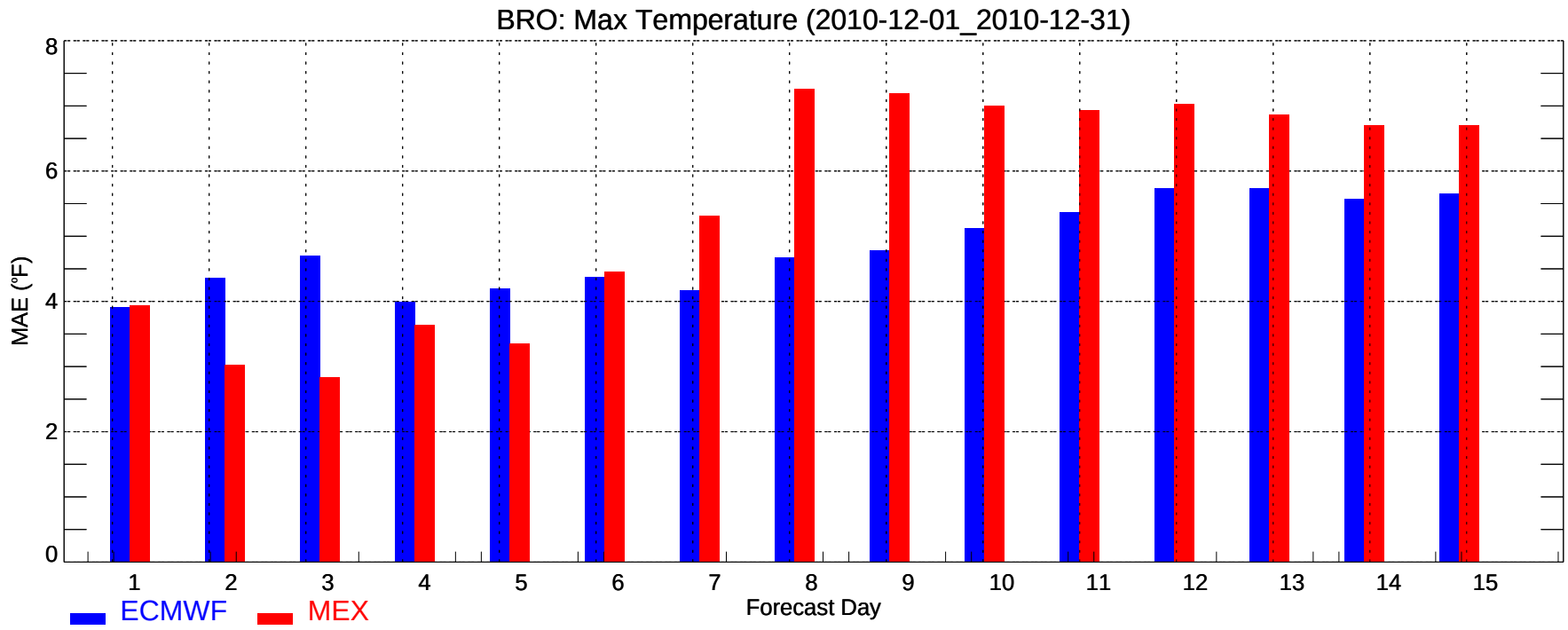

BOI: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

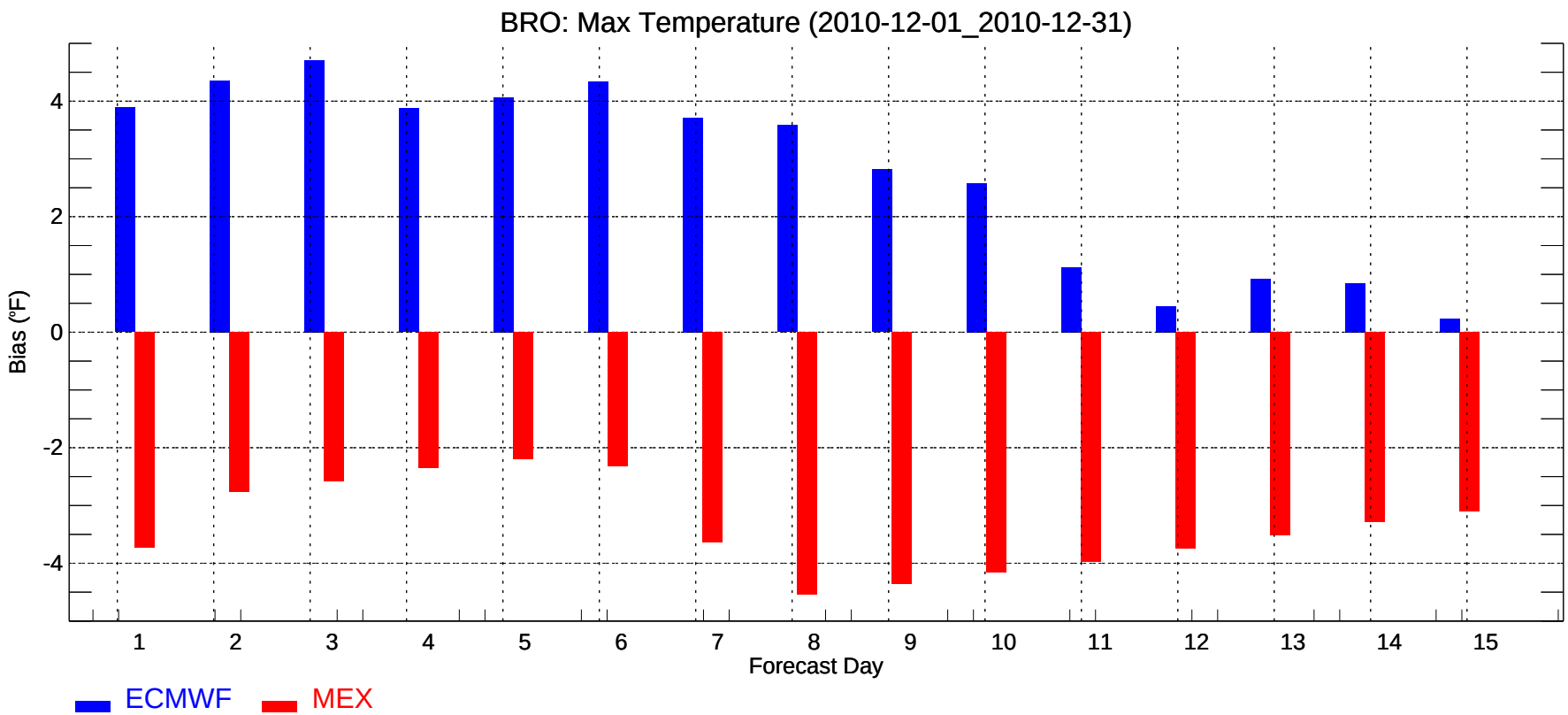

BOS: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

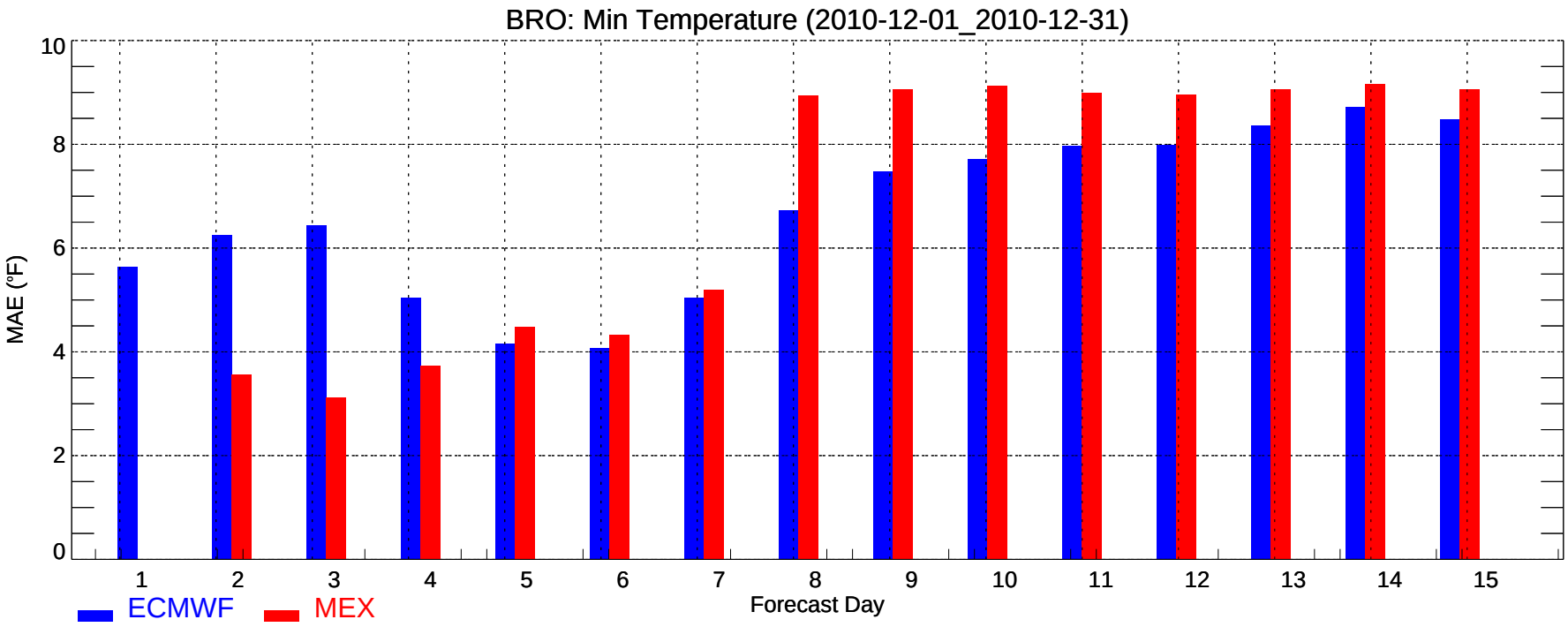

BOS: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

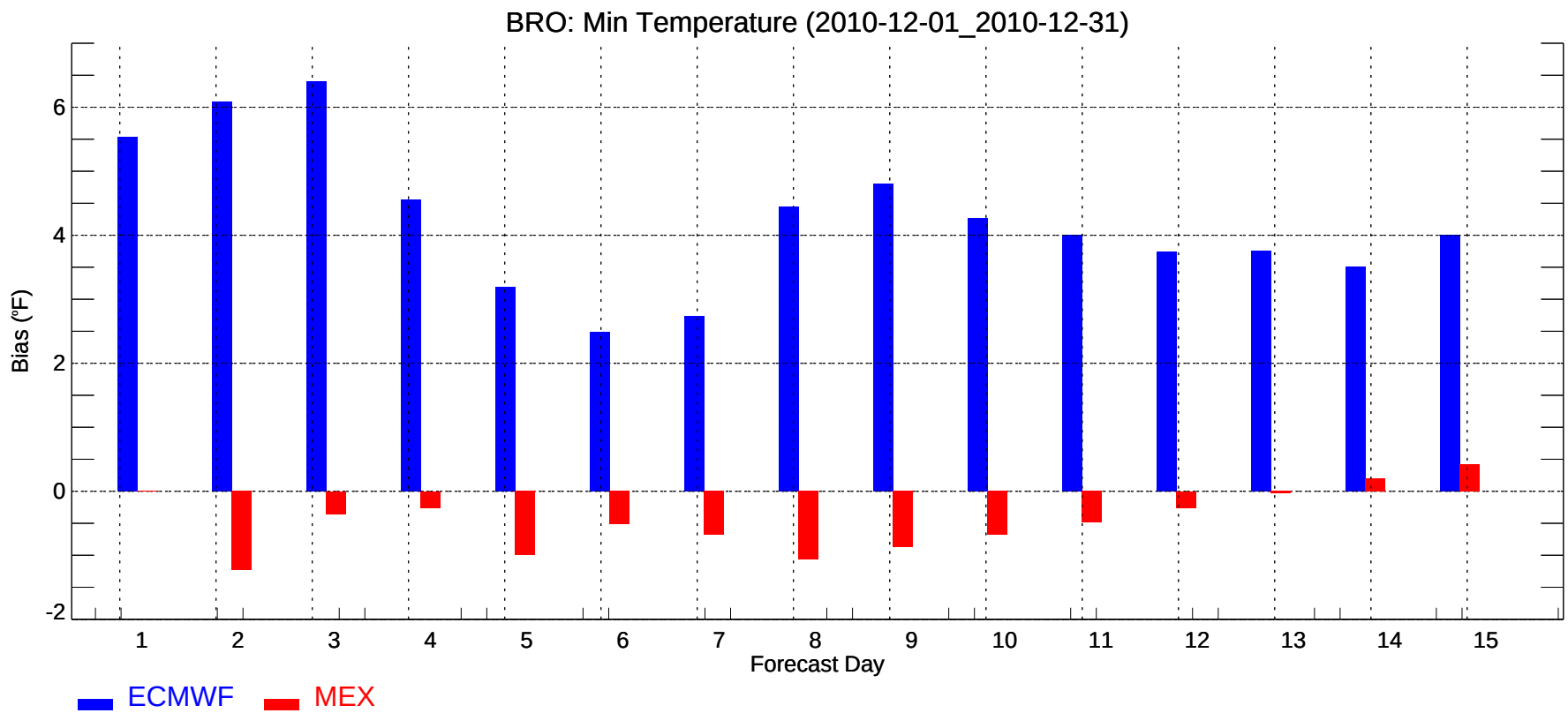

BOS: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

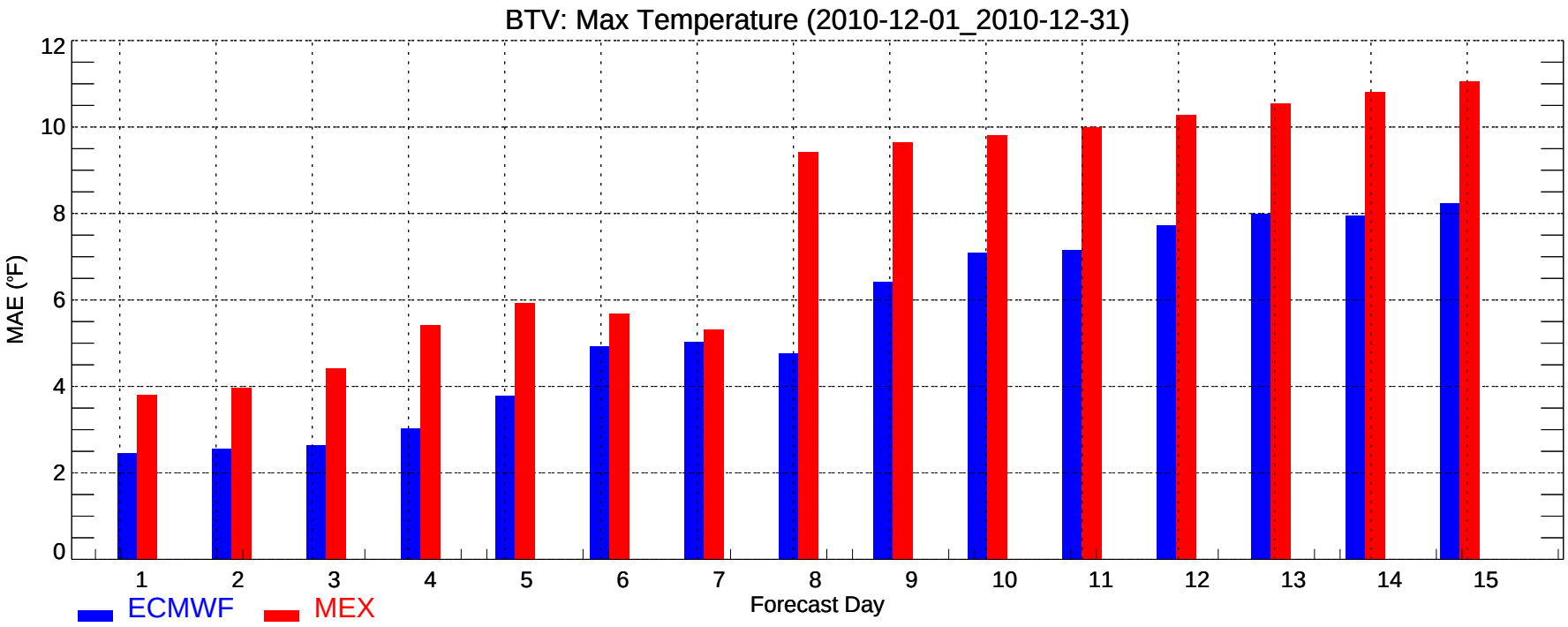

BOS: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

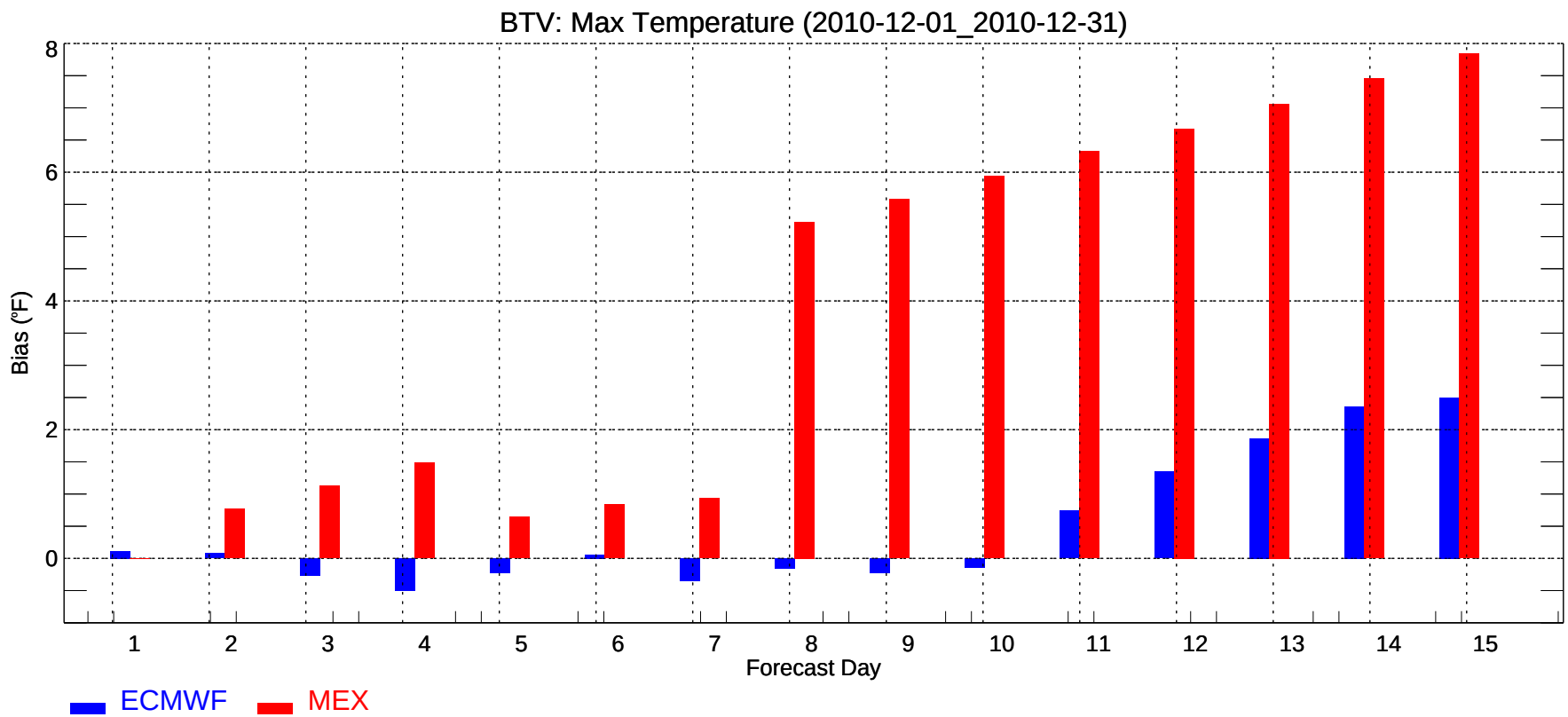

BRO: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

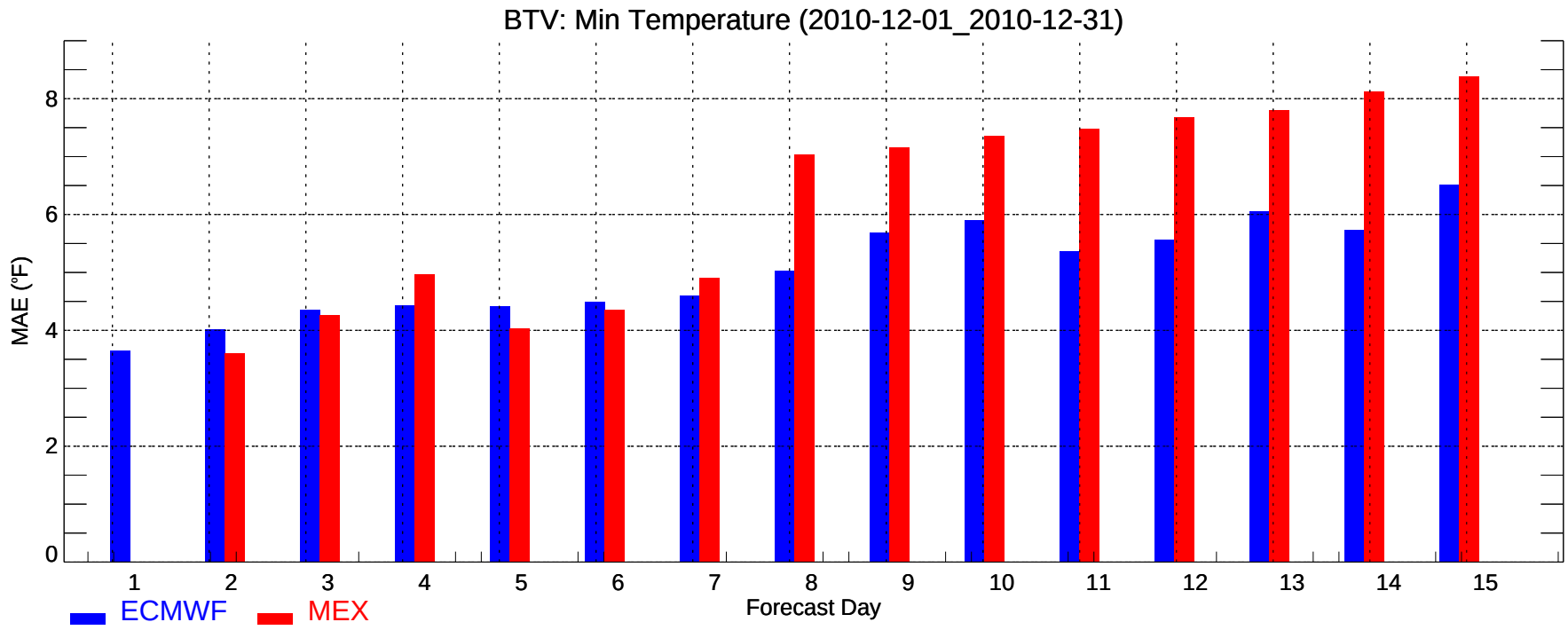

BRO: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

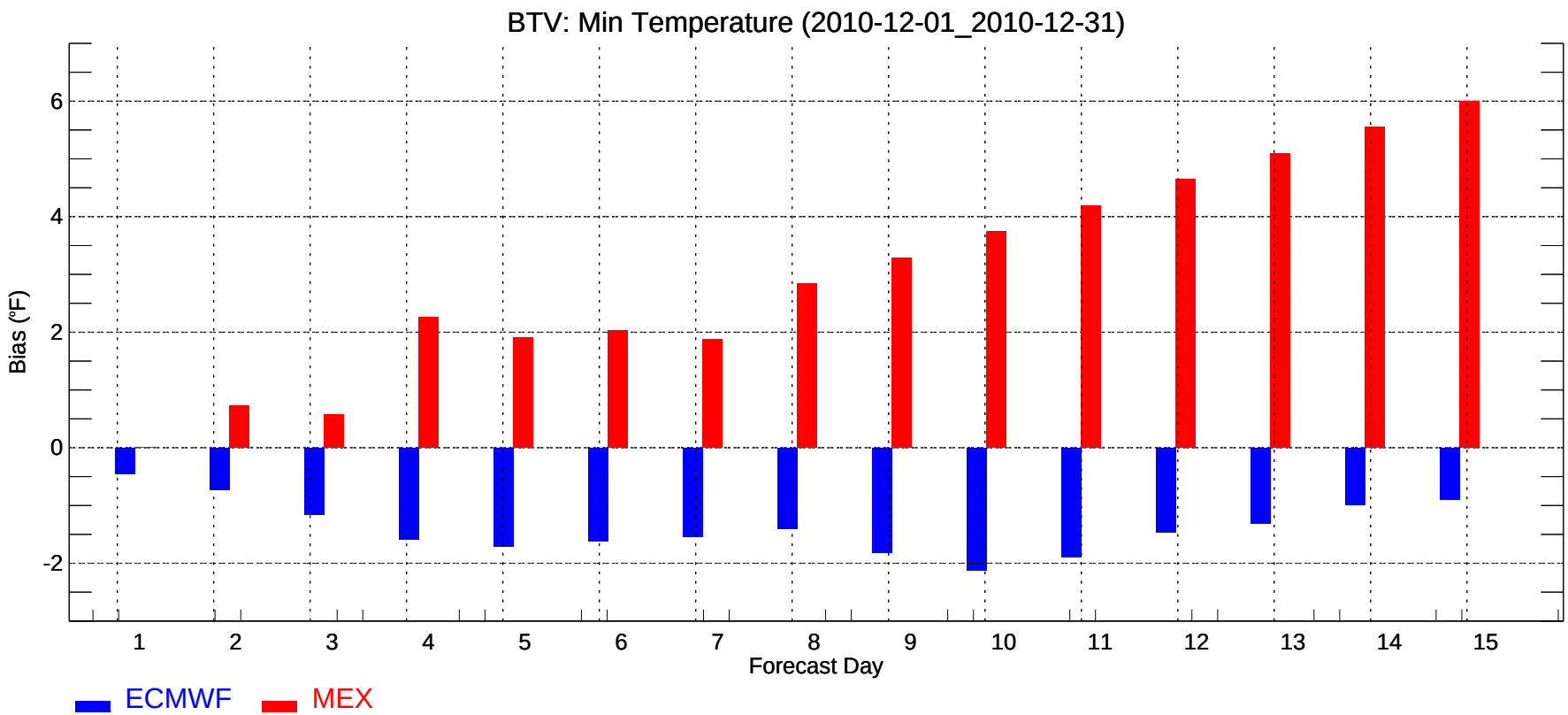

BRO: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

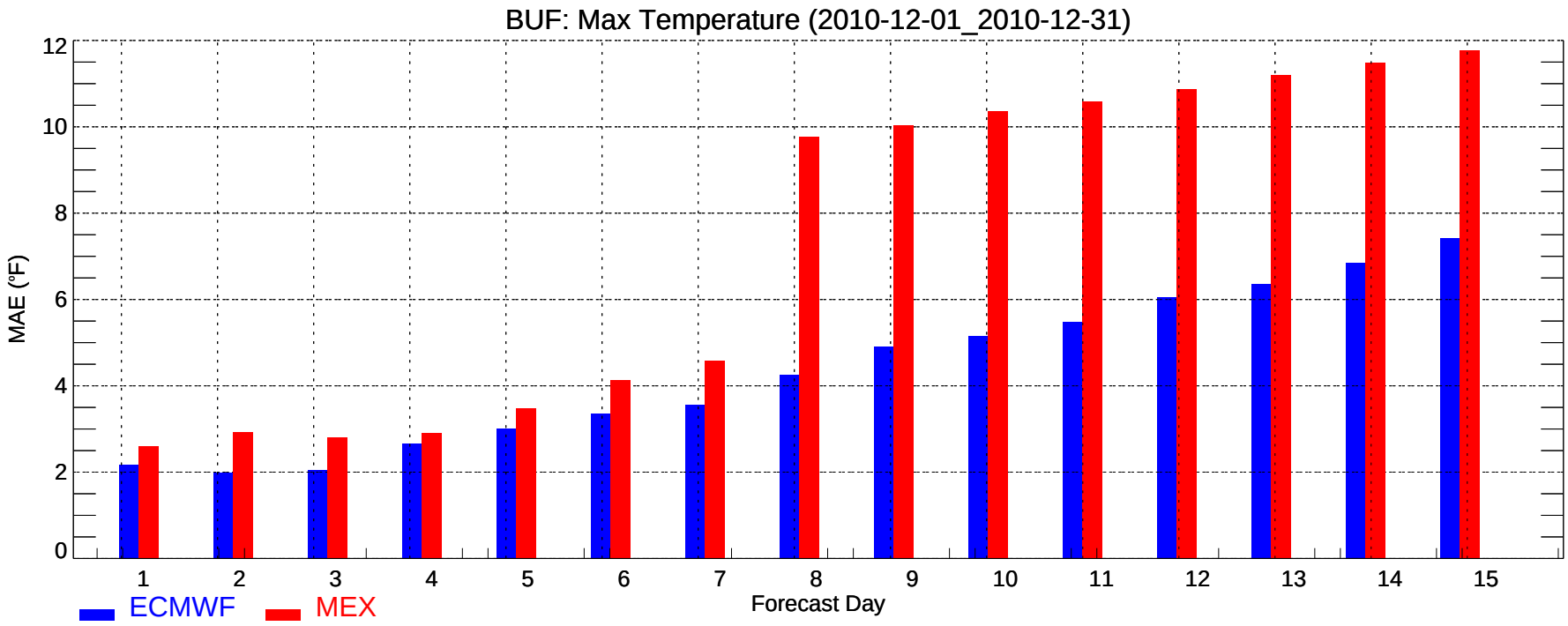

BRO: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

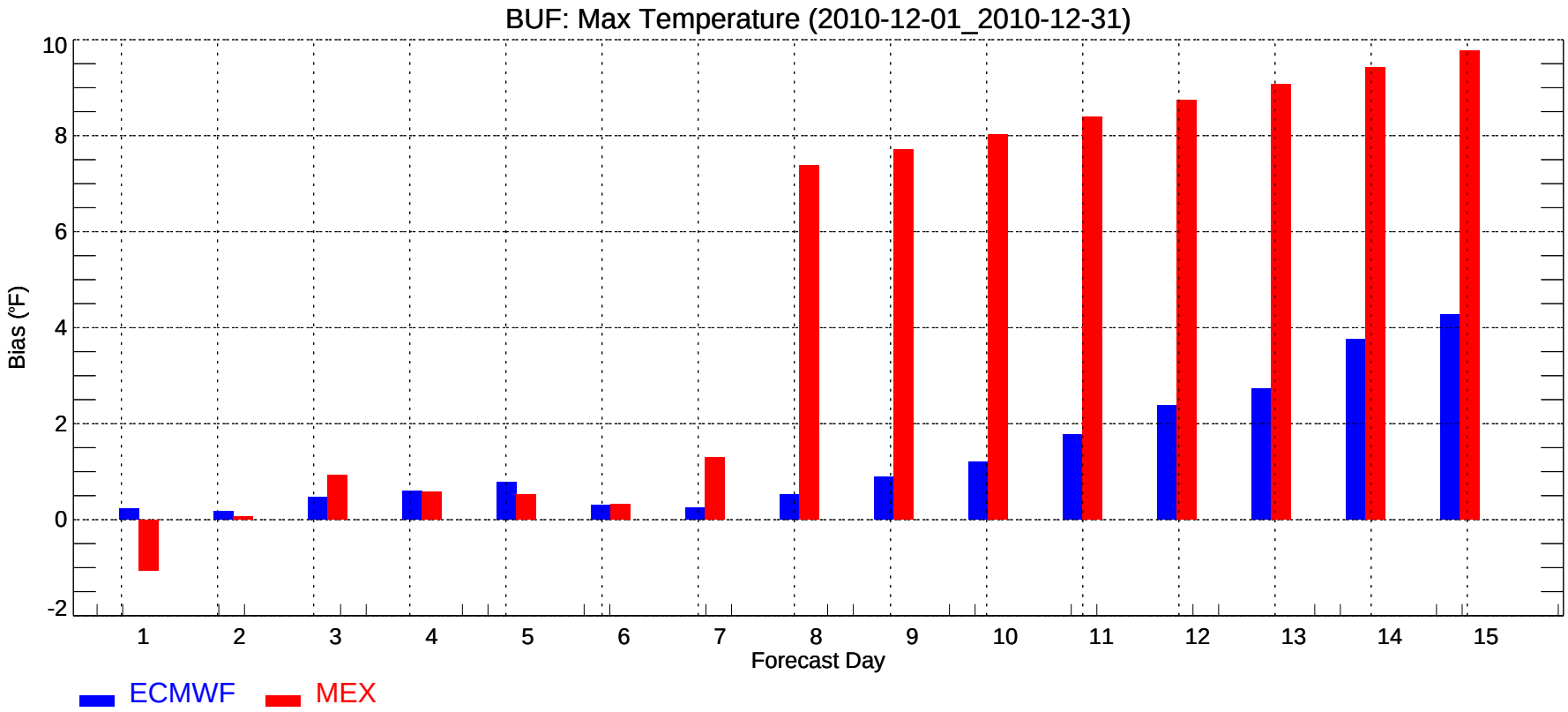

BTV: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

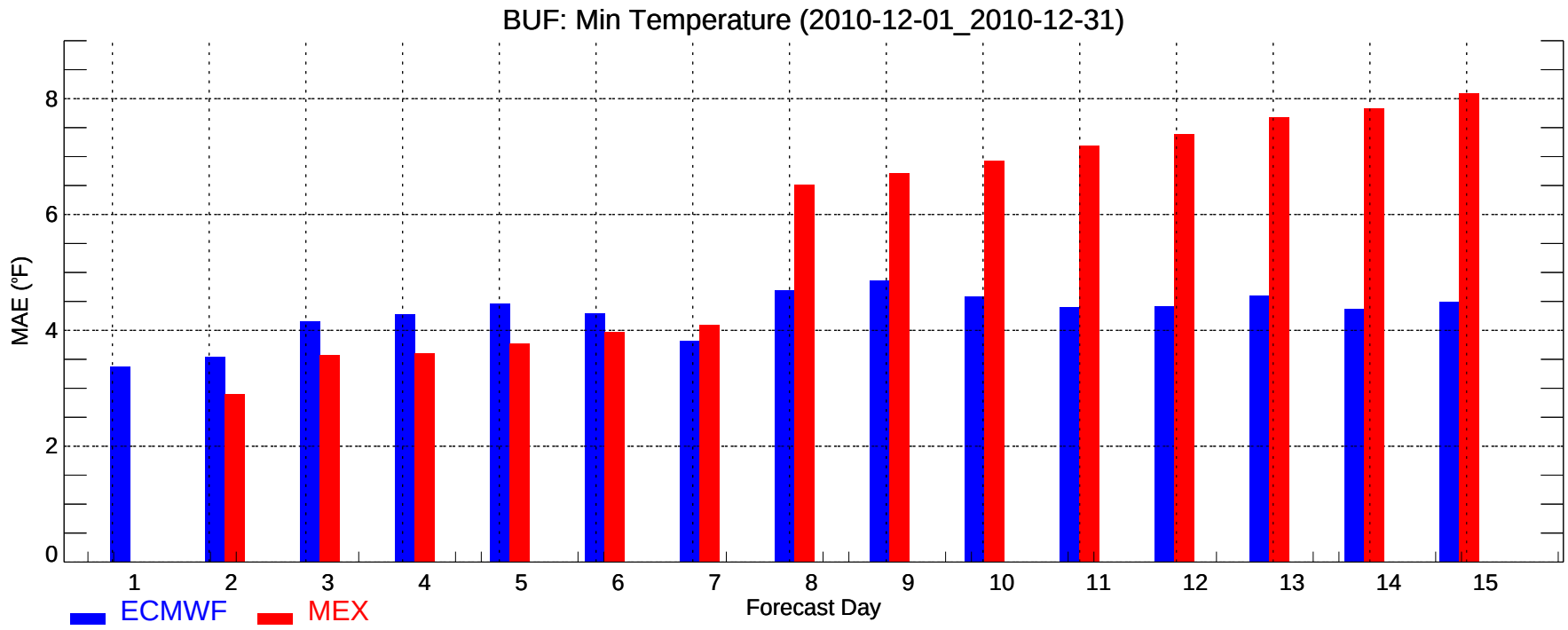

BTV: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

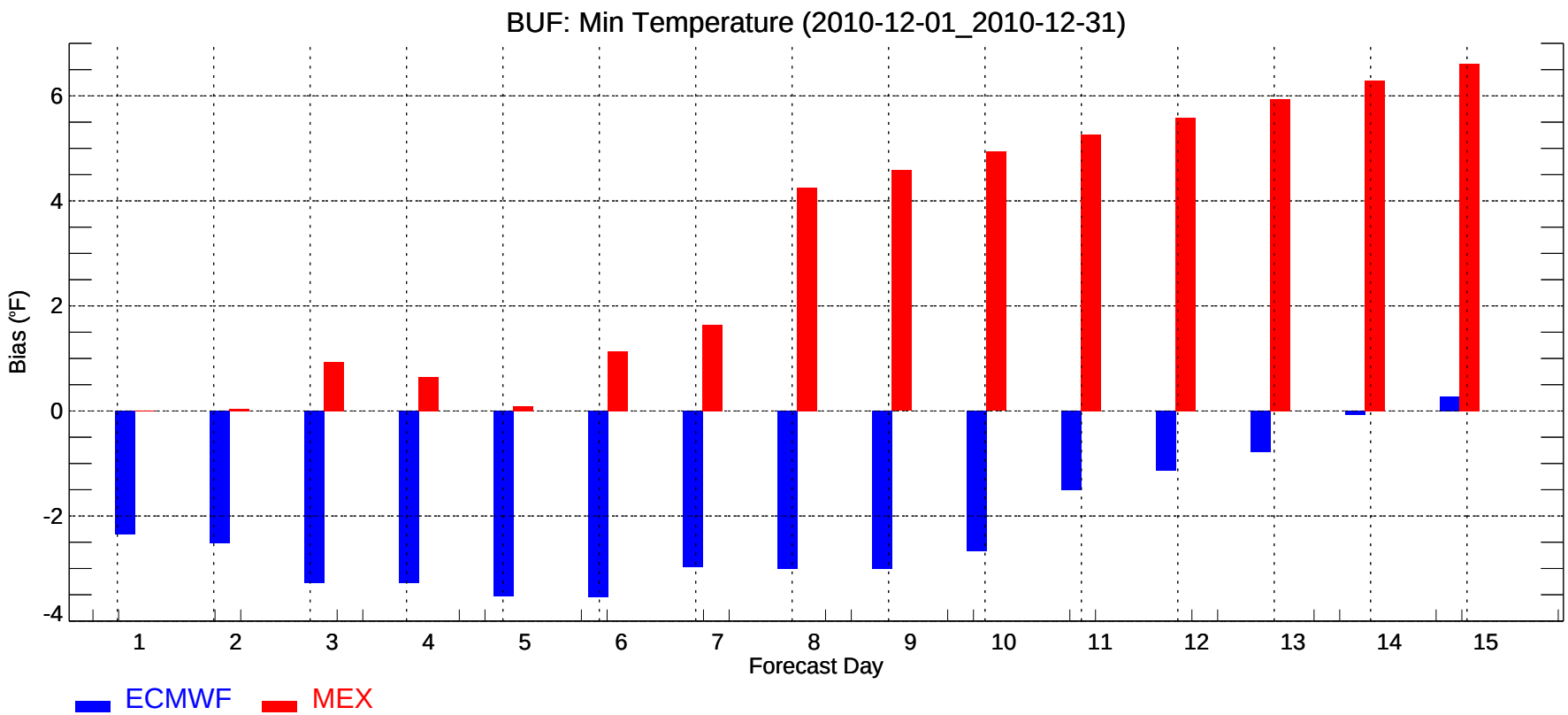

BTV: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

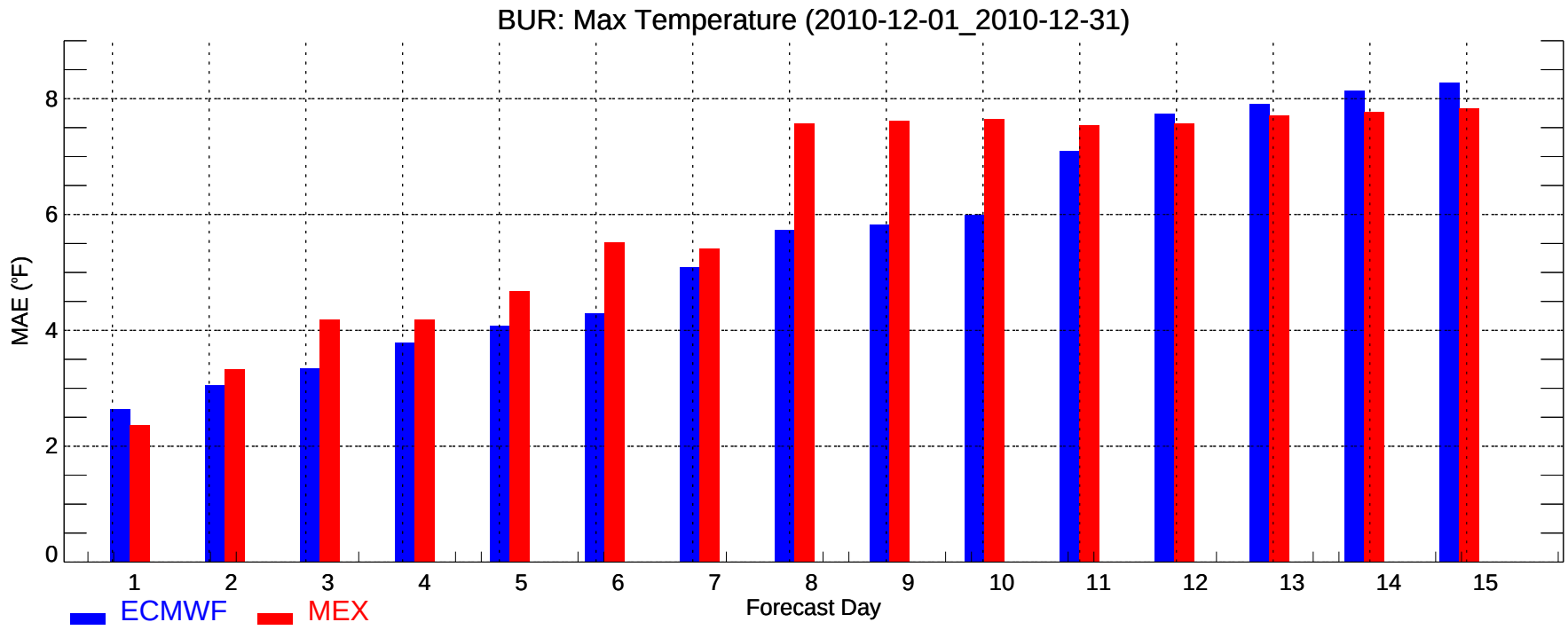

BTV: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

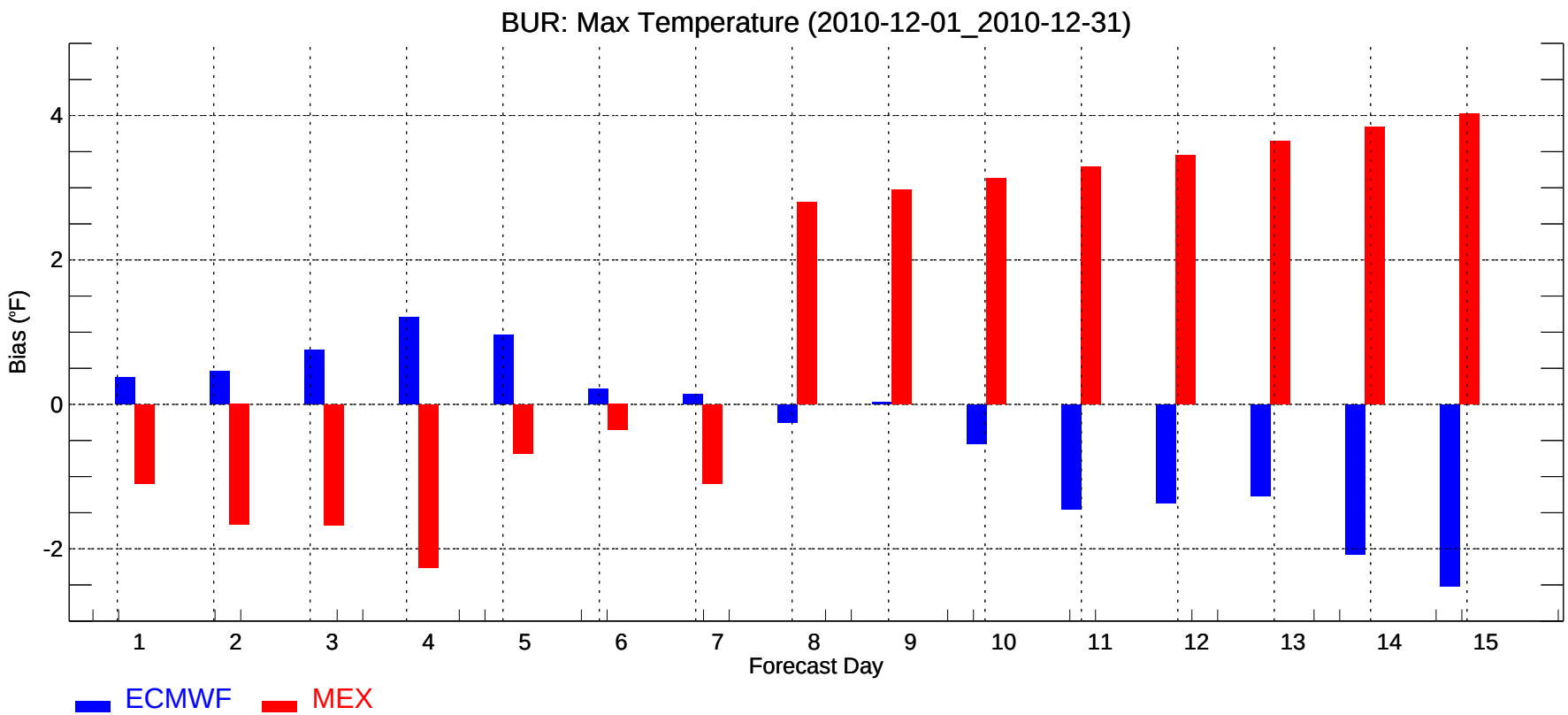

BUF: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

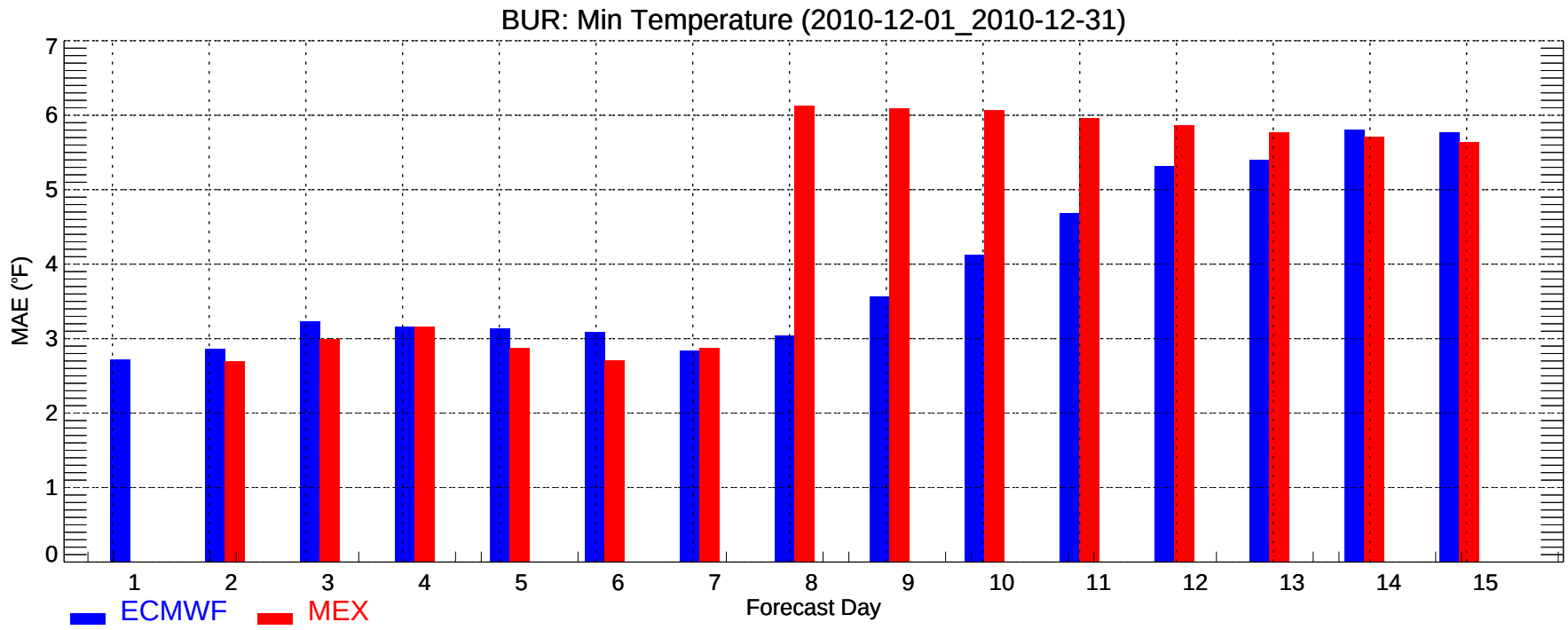

BUF: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

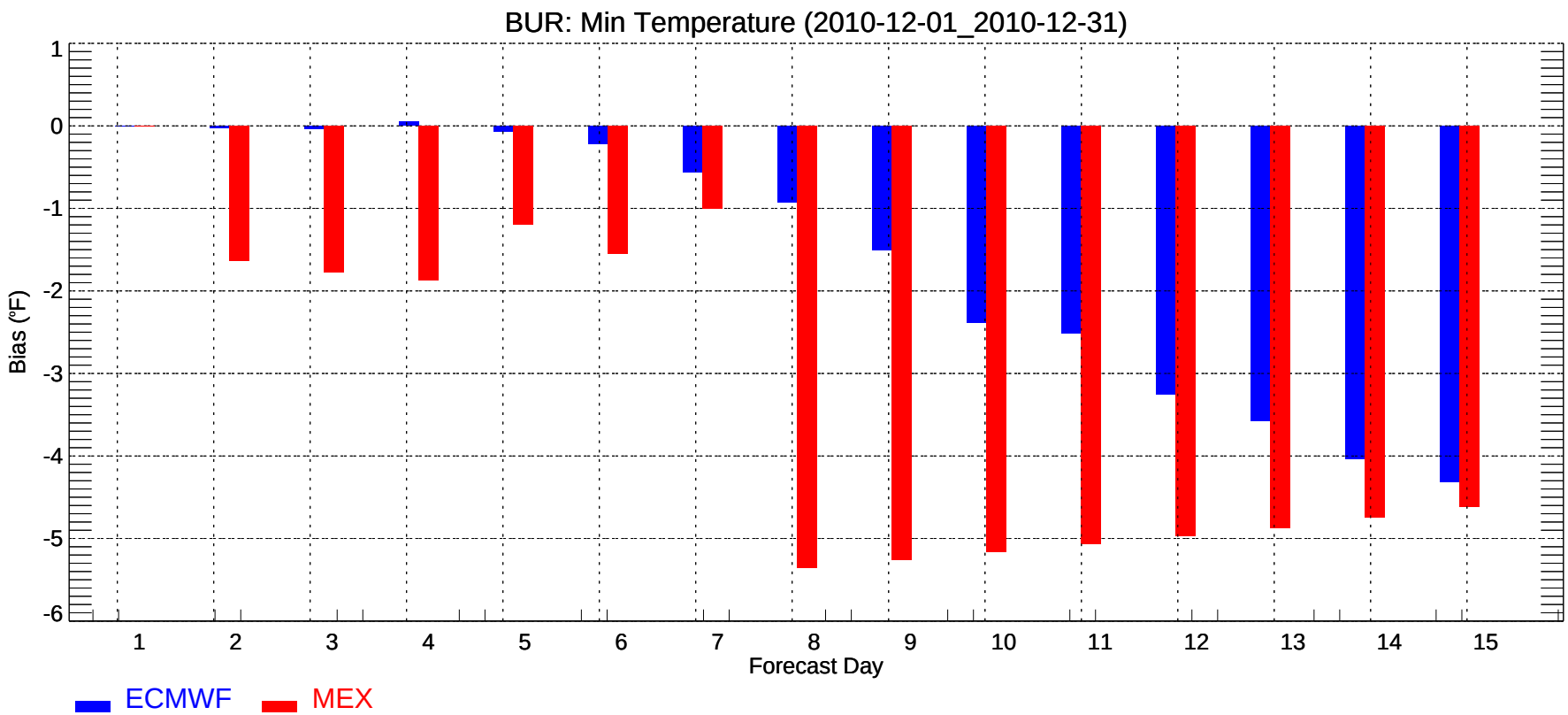

BUF: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

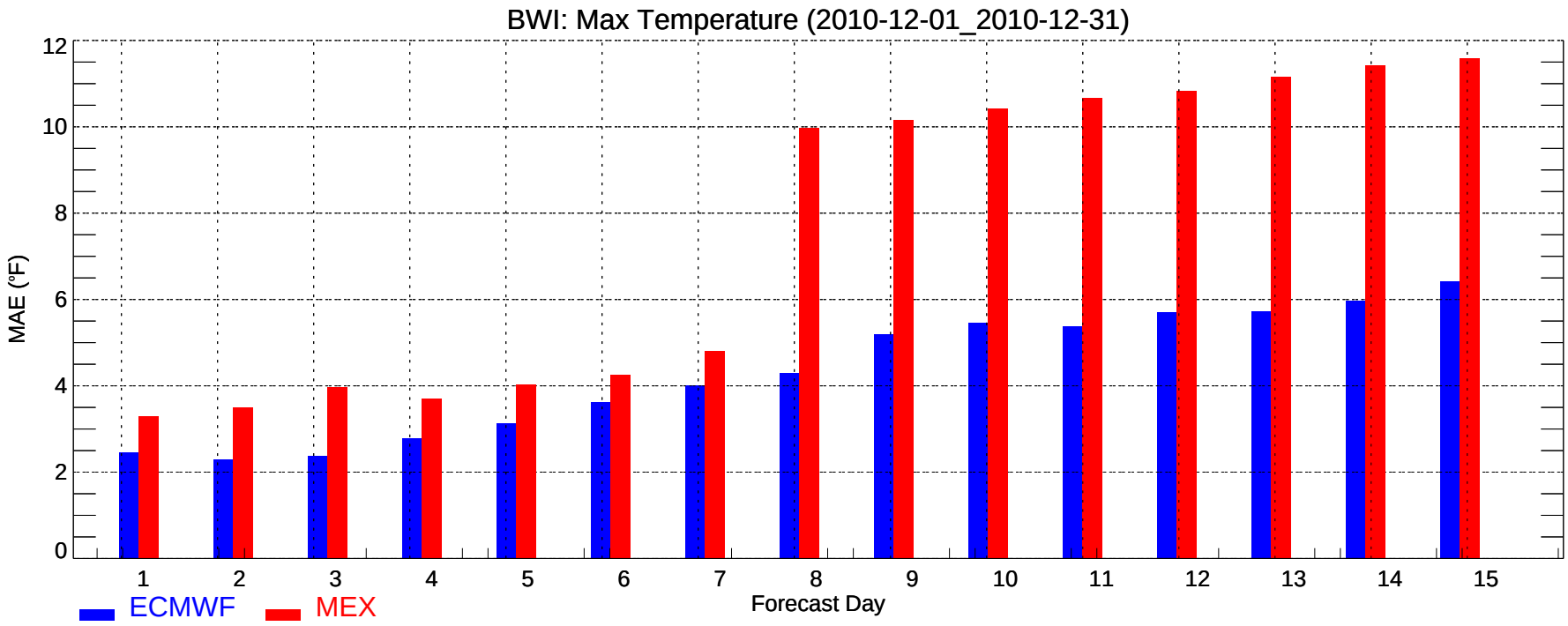

BUF: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

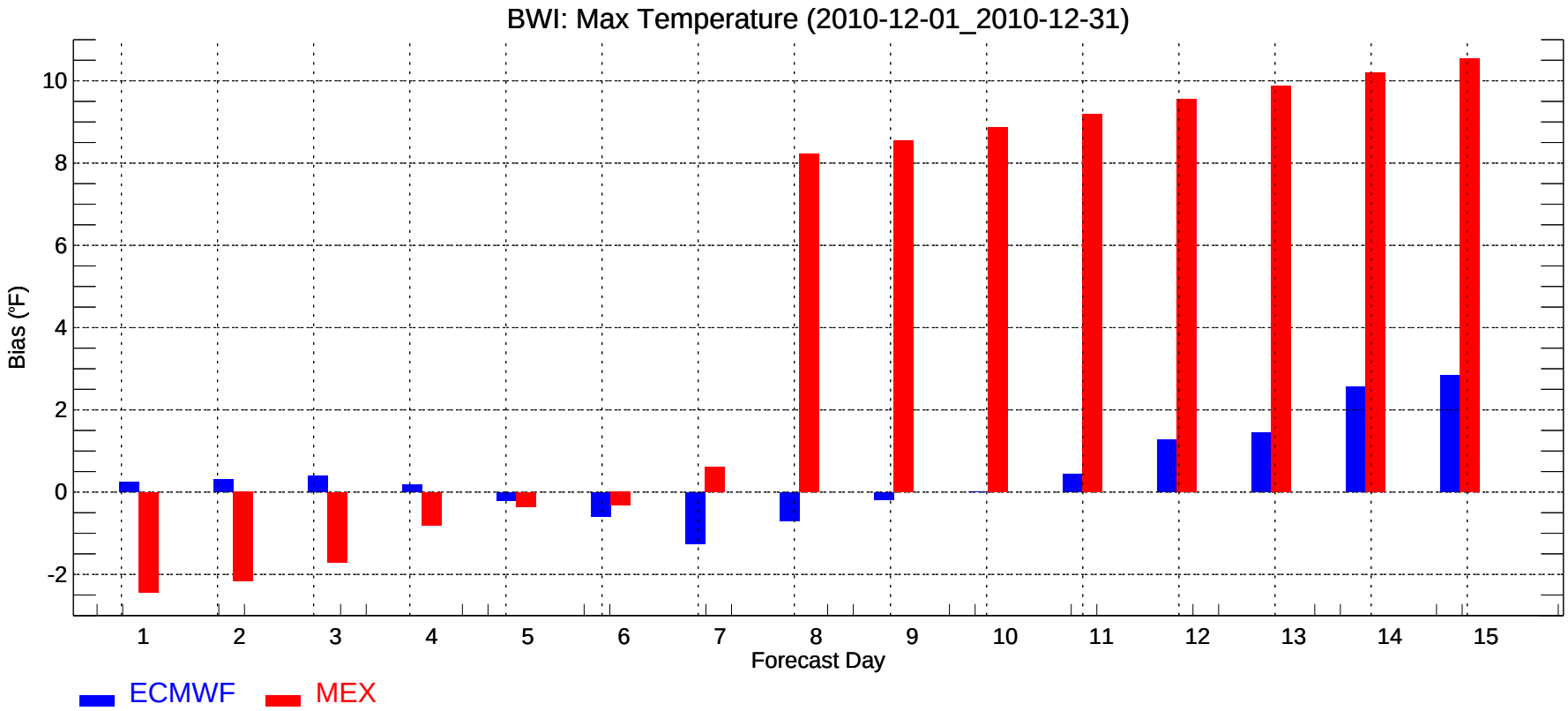

BUR: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

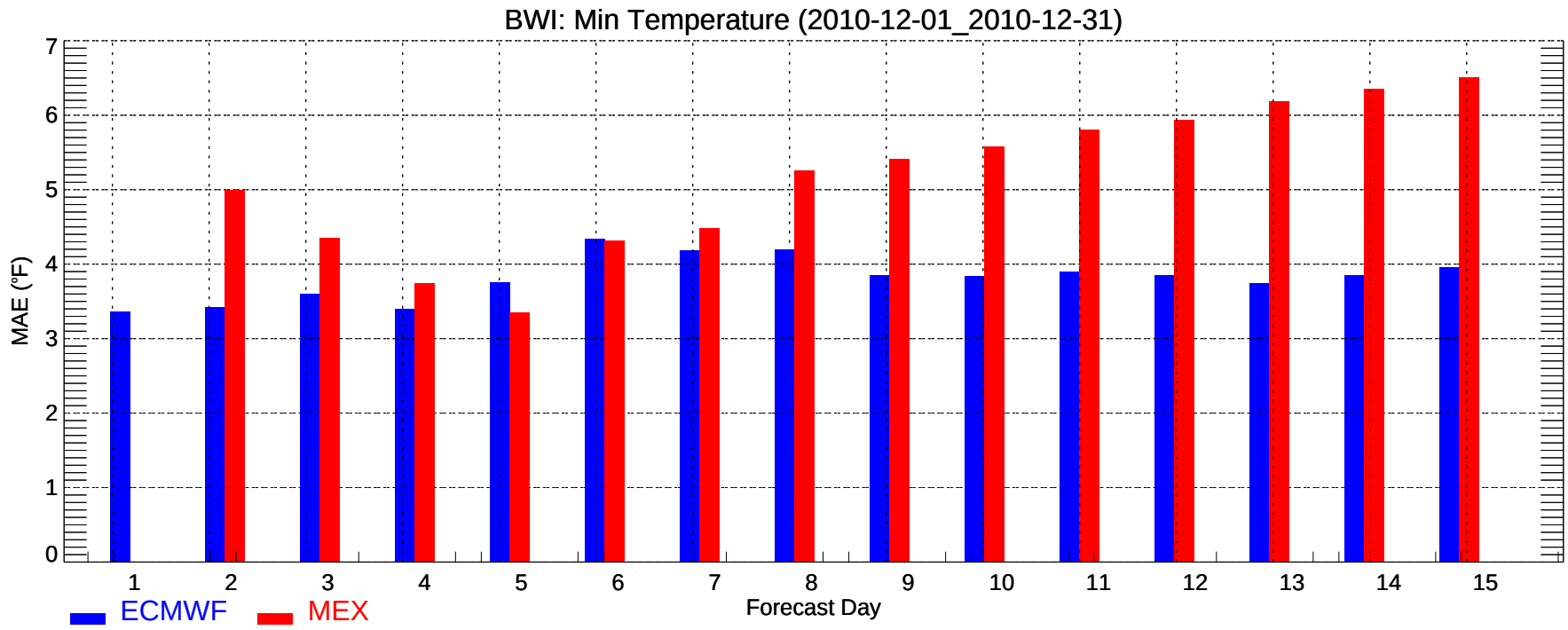

BUR: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

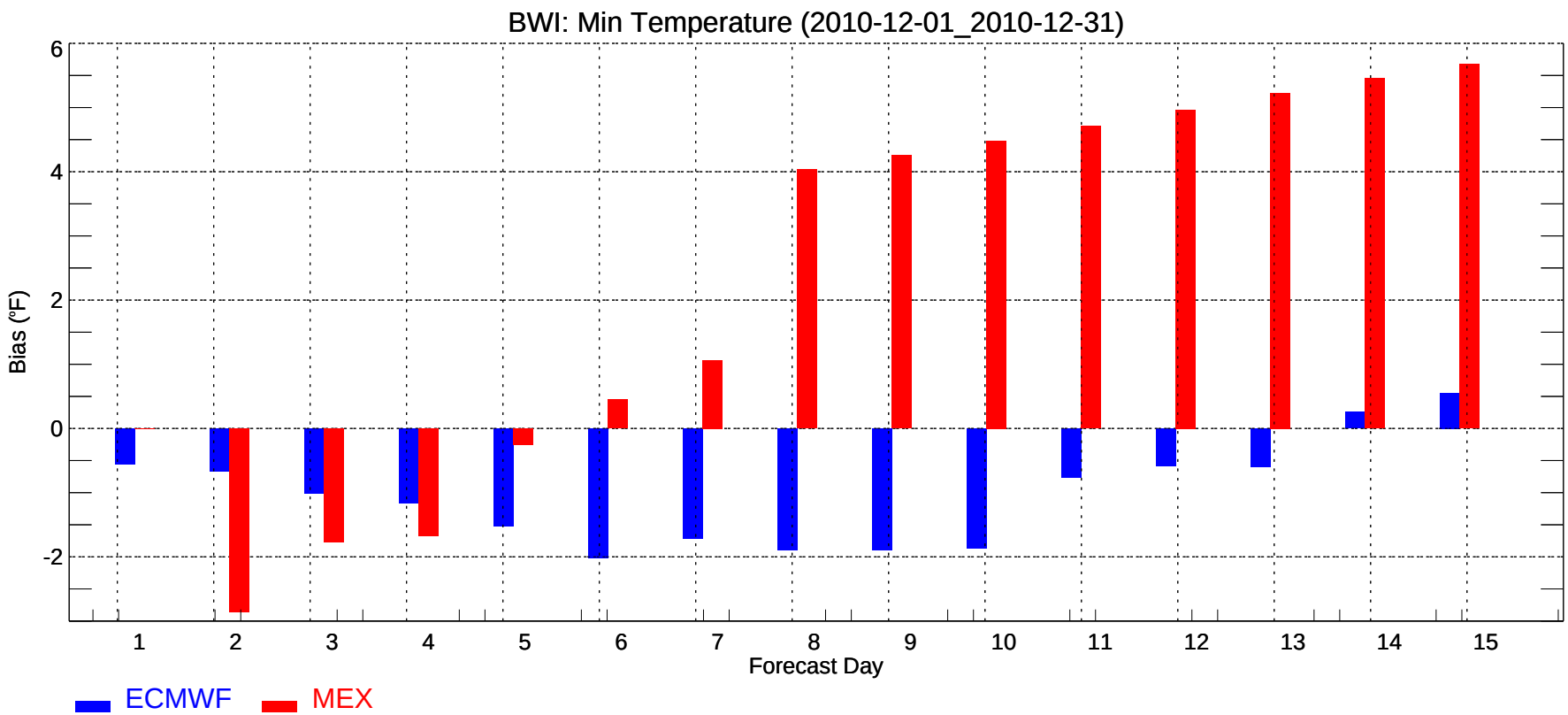

BUR: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

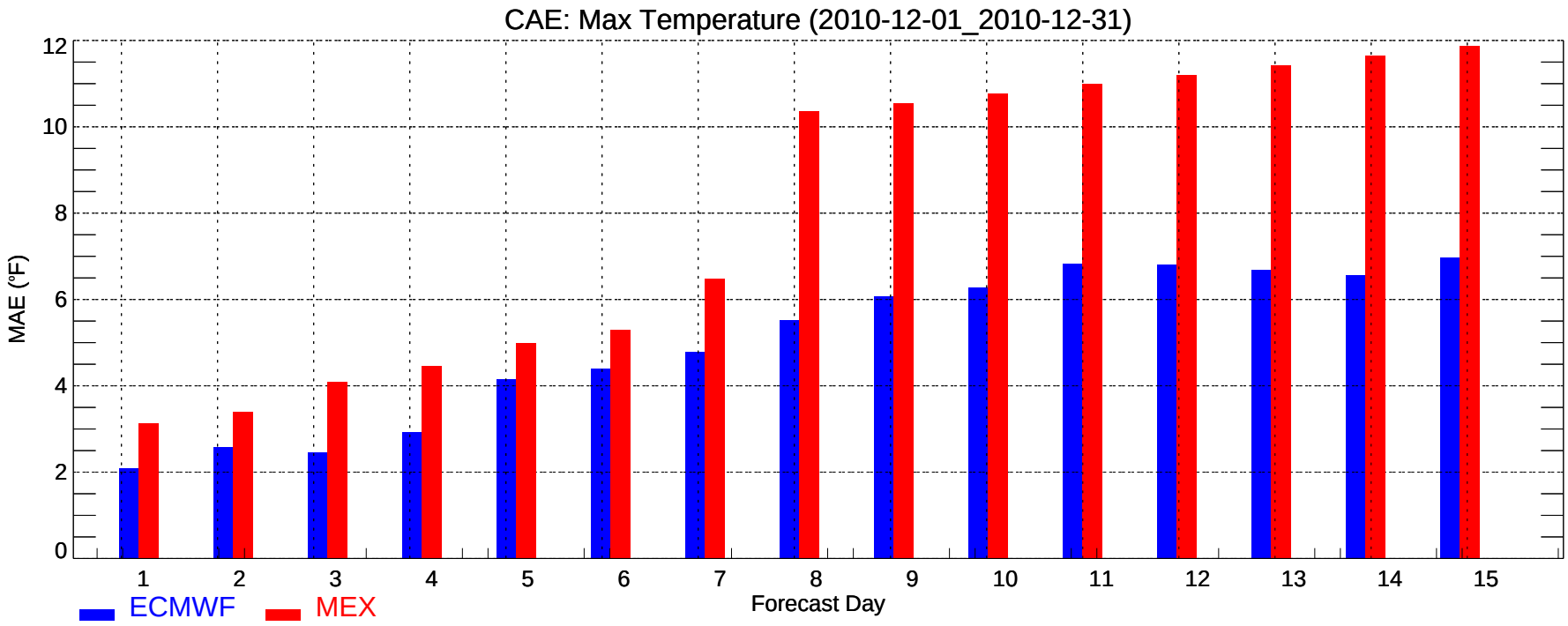

BUR: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

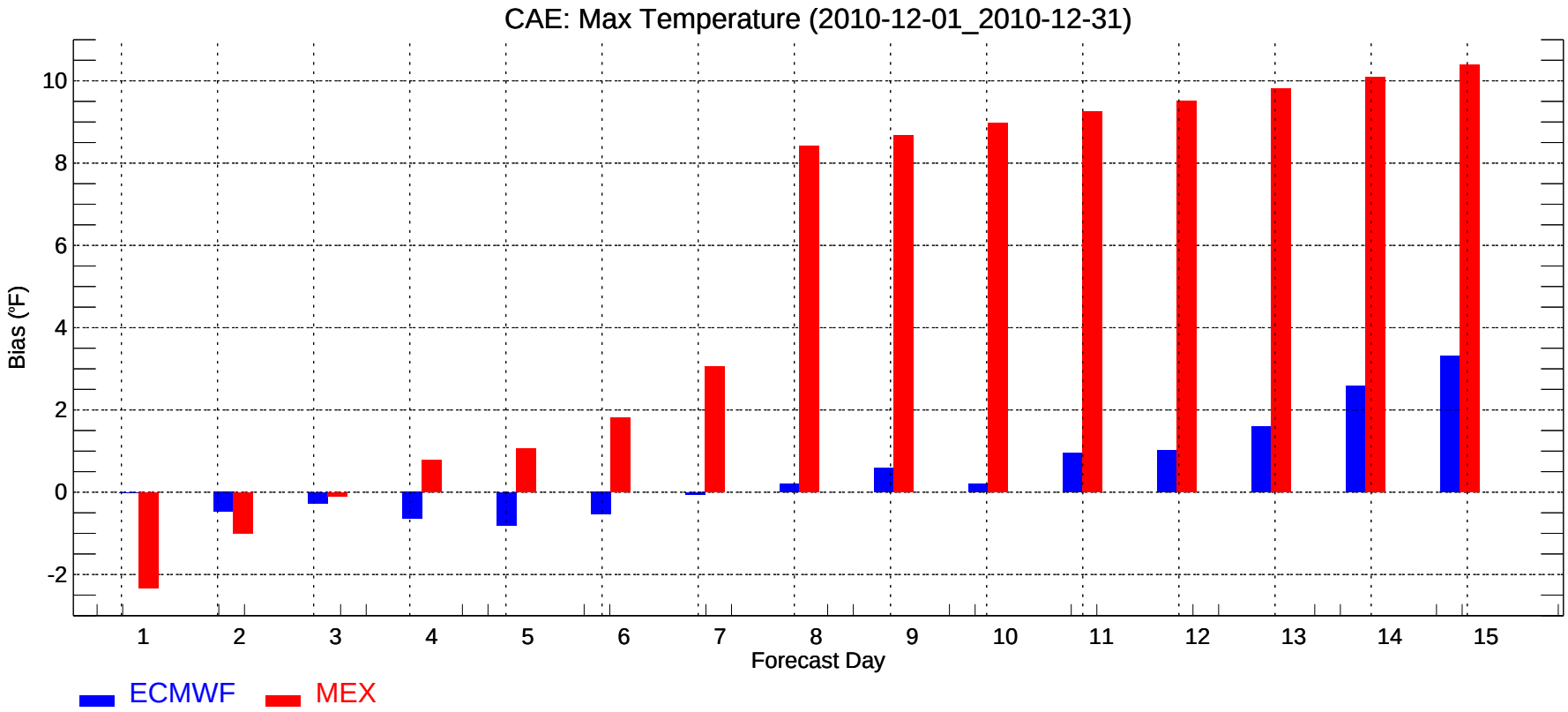

BWI: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

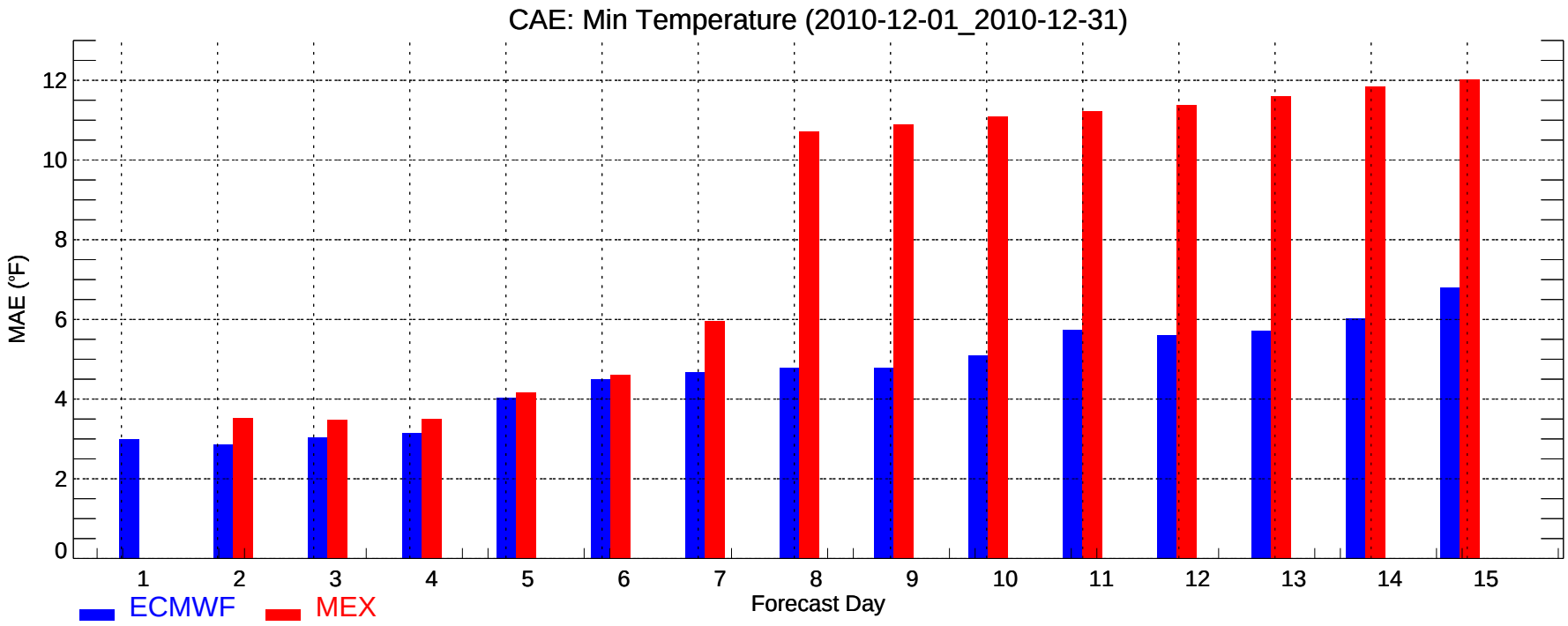

BWI: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

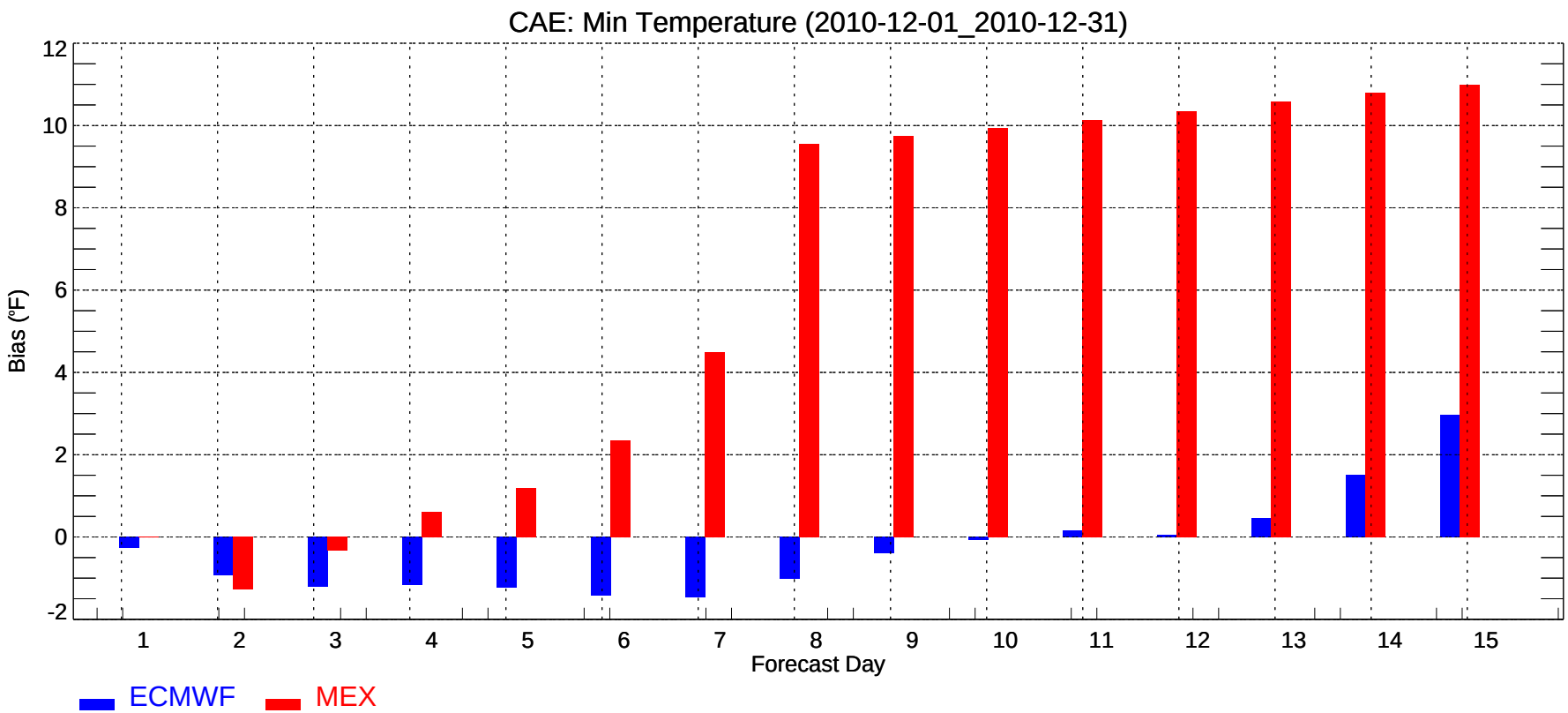

BWI: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

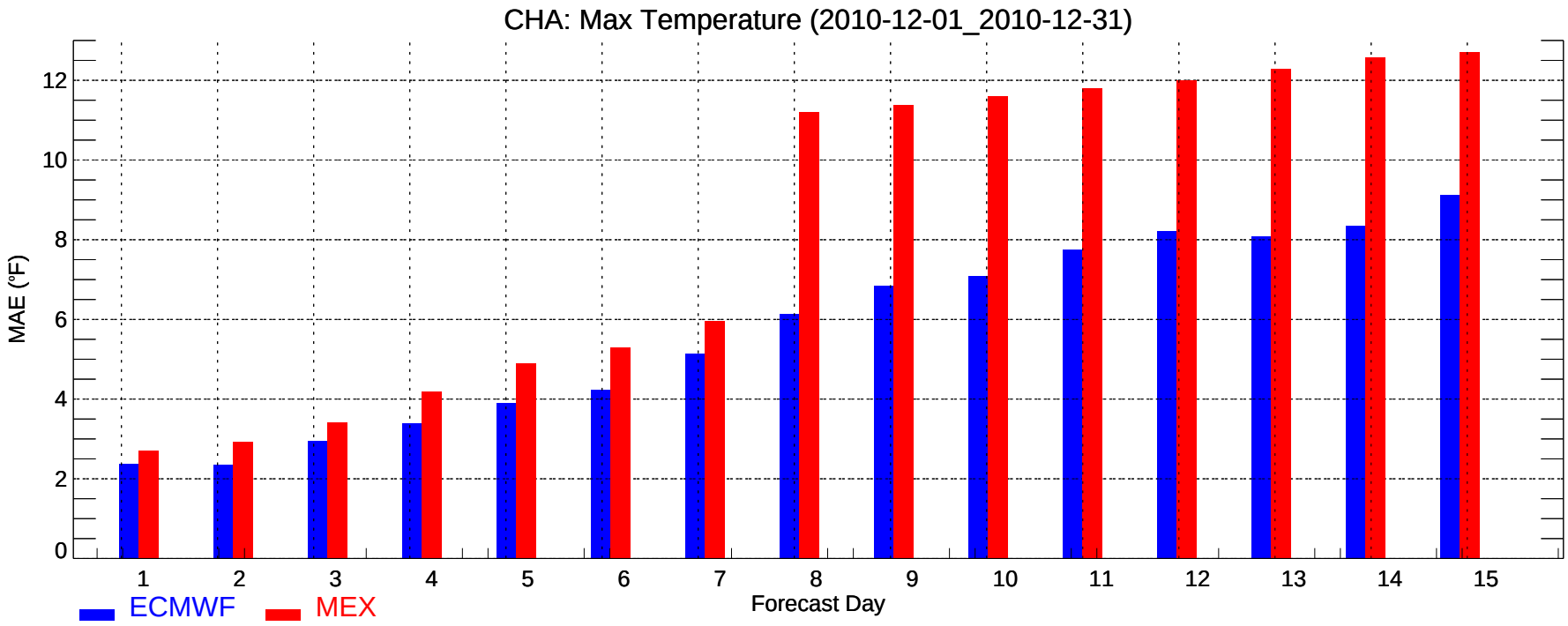

BWI: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

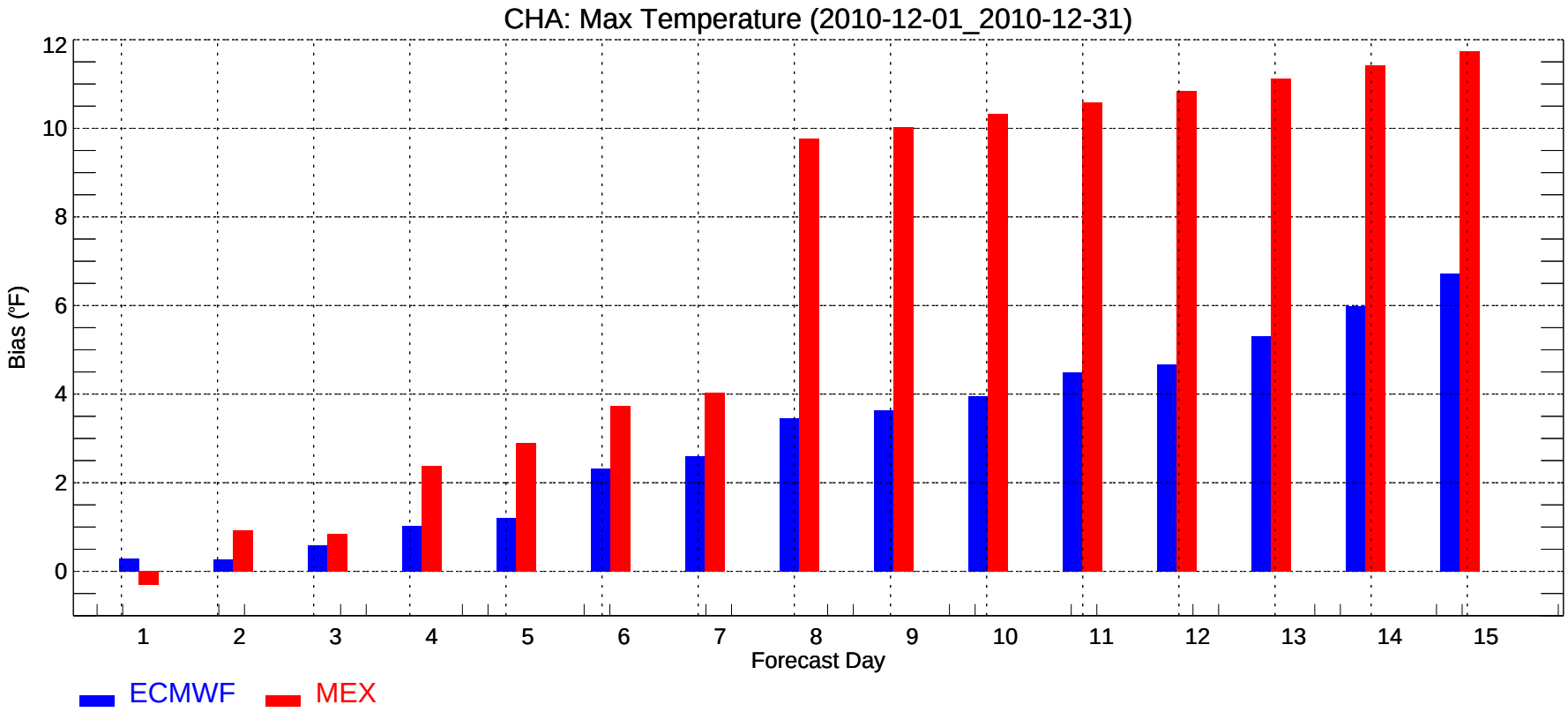

CAE: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

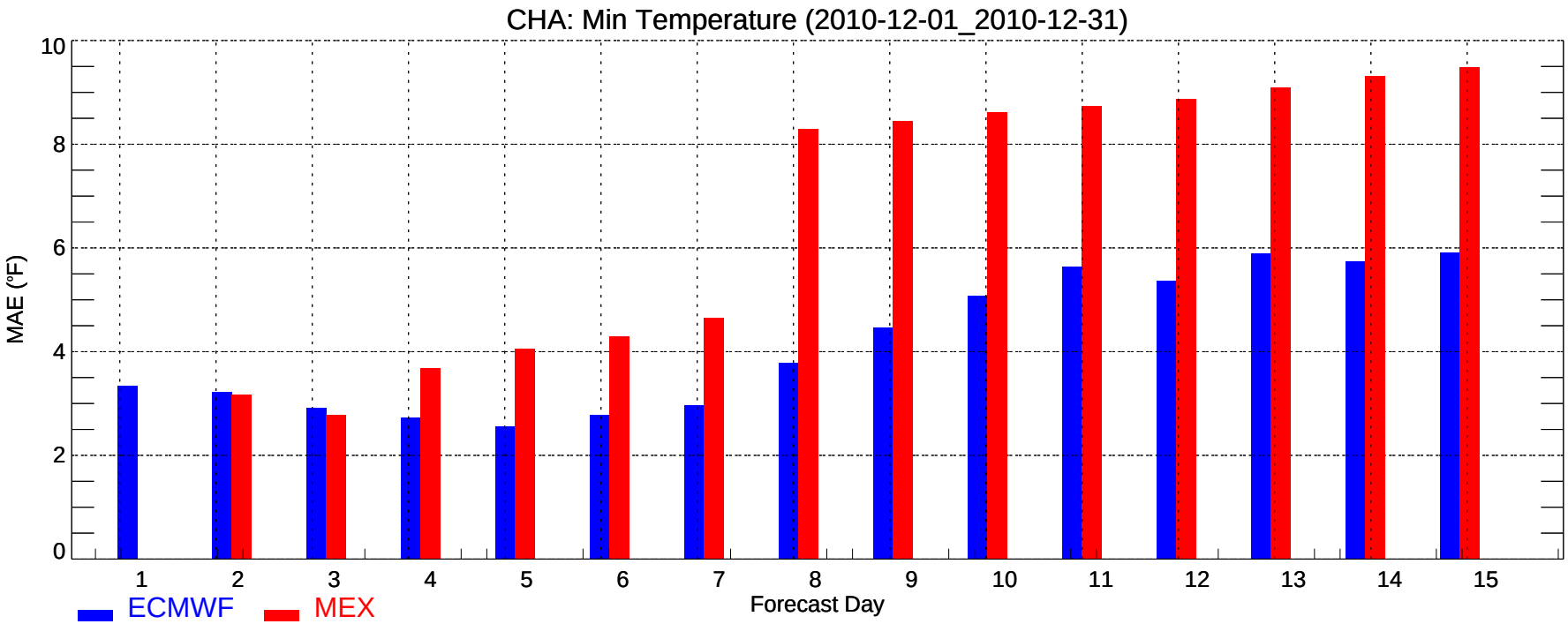

CAE: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

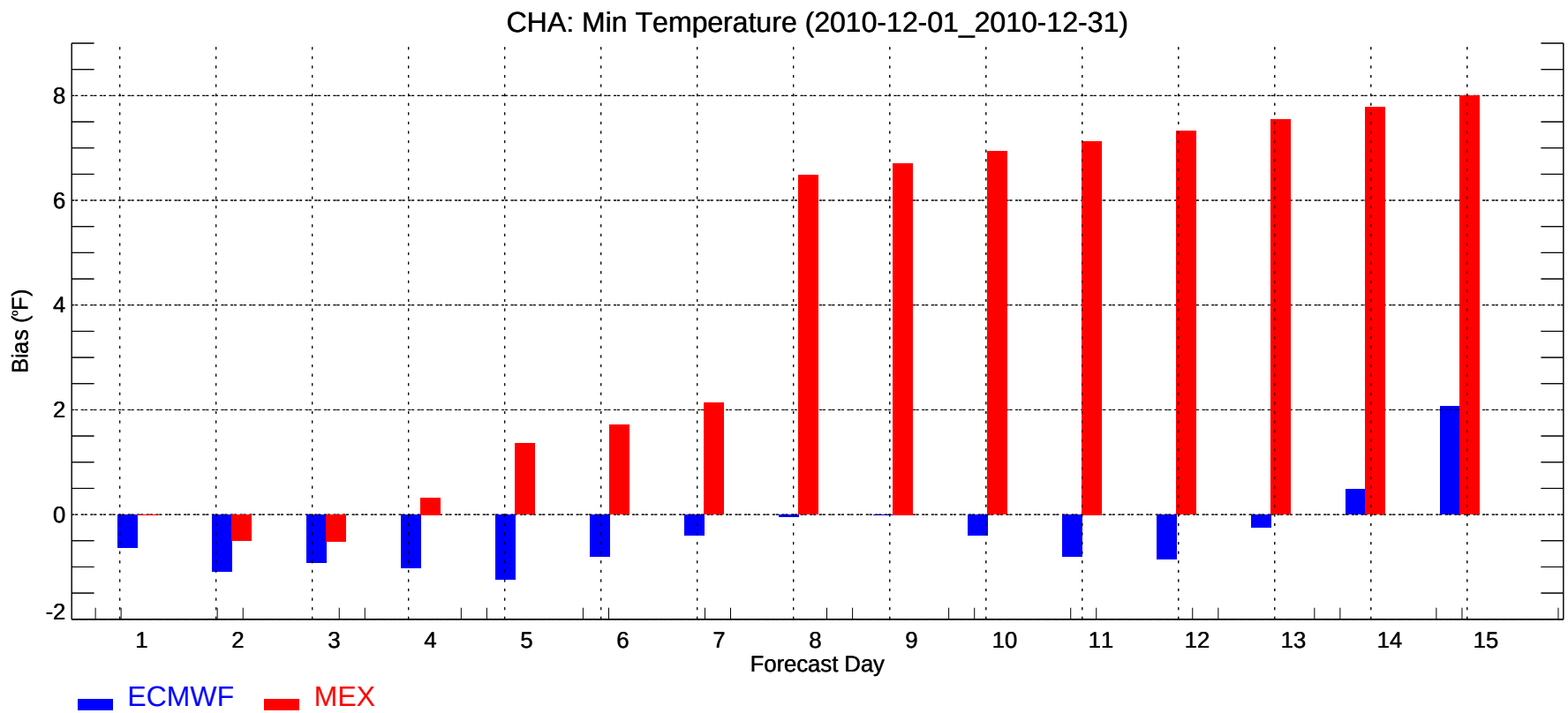

CAE: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

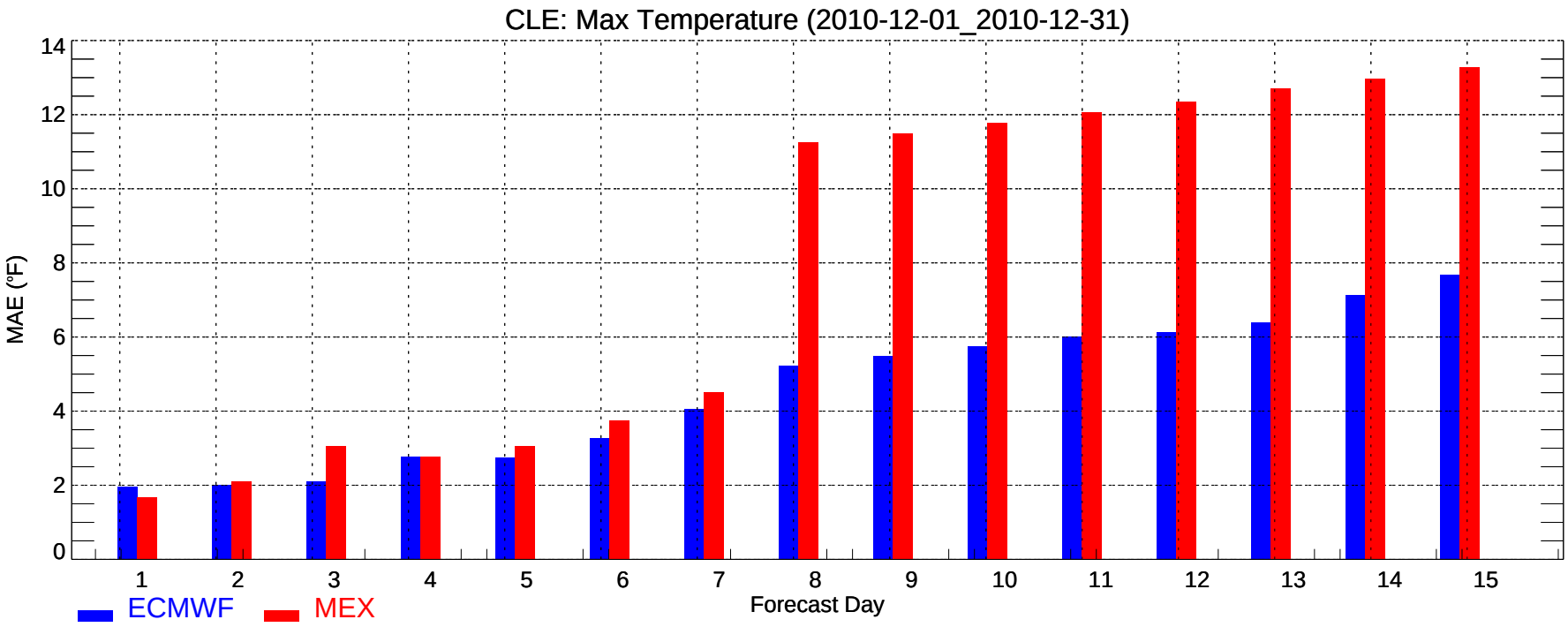

CAE: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

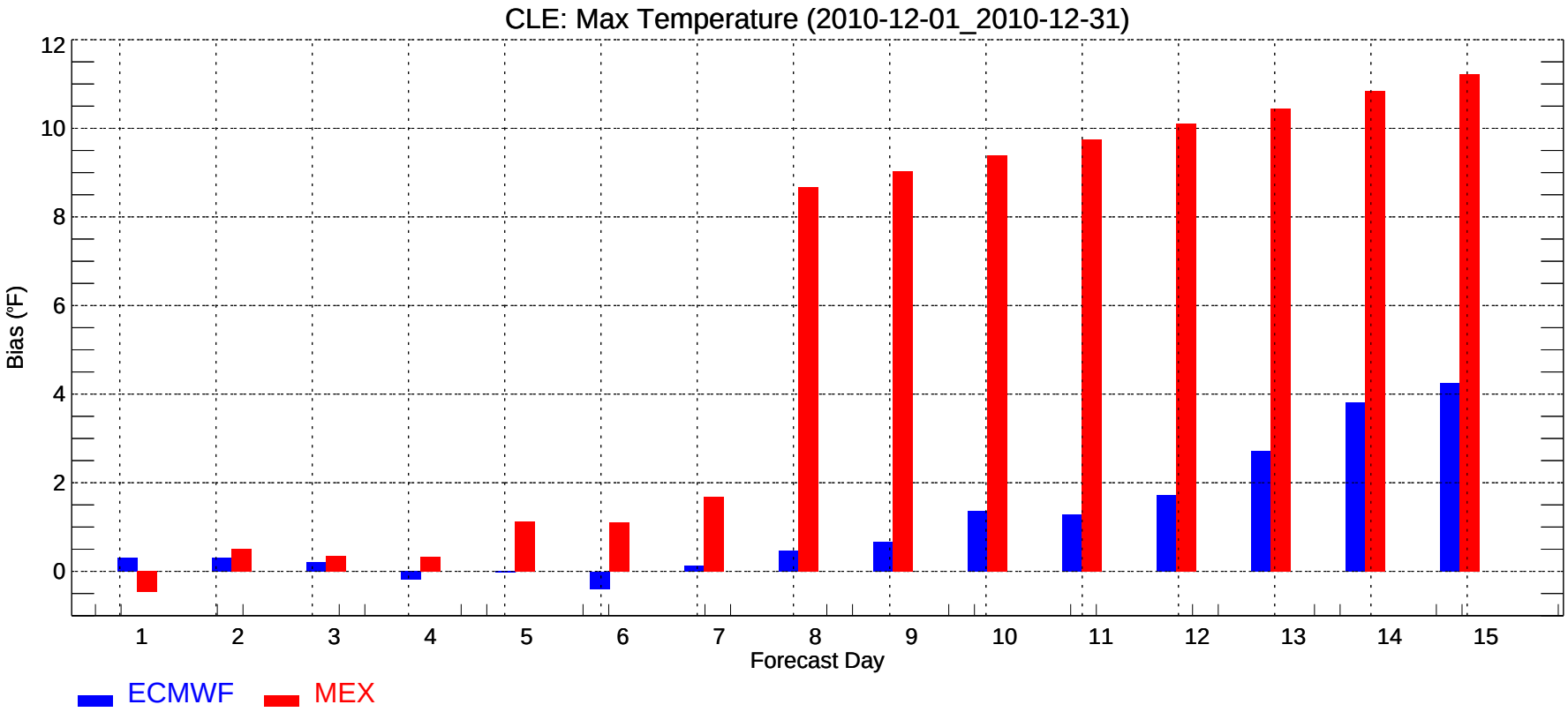

CHA: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

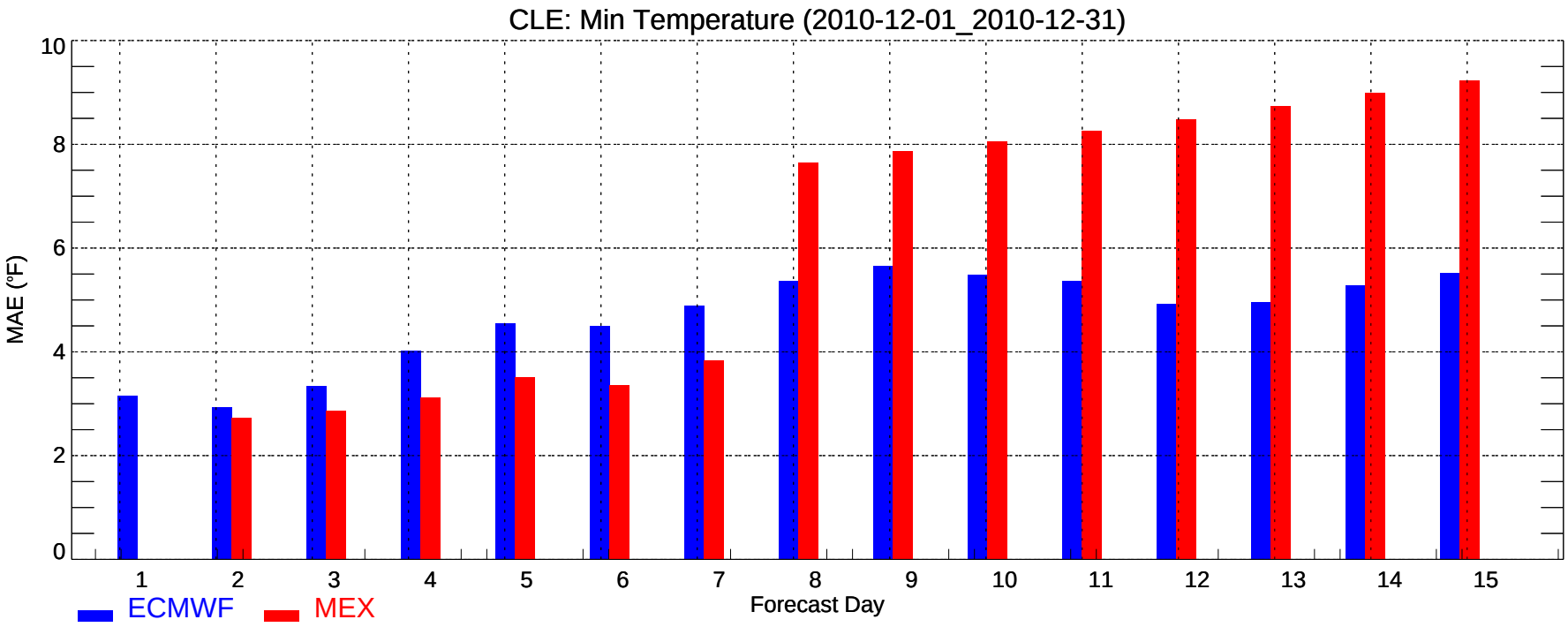

CHA: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

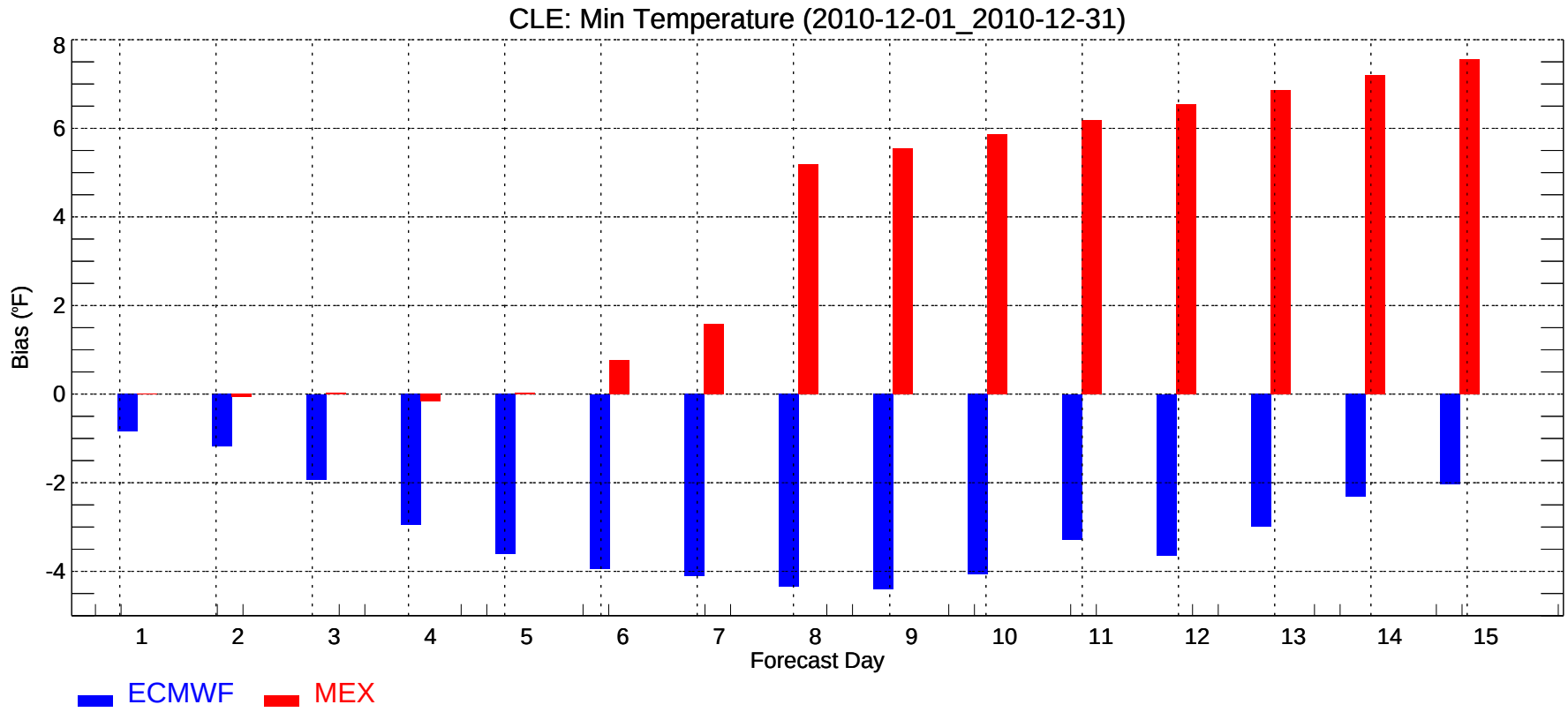

CHA: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

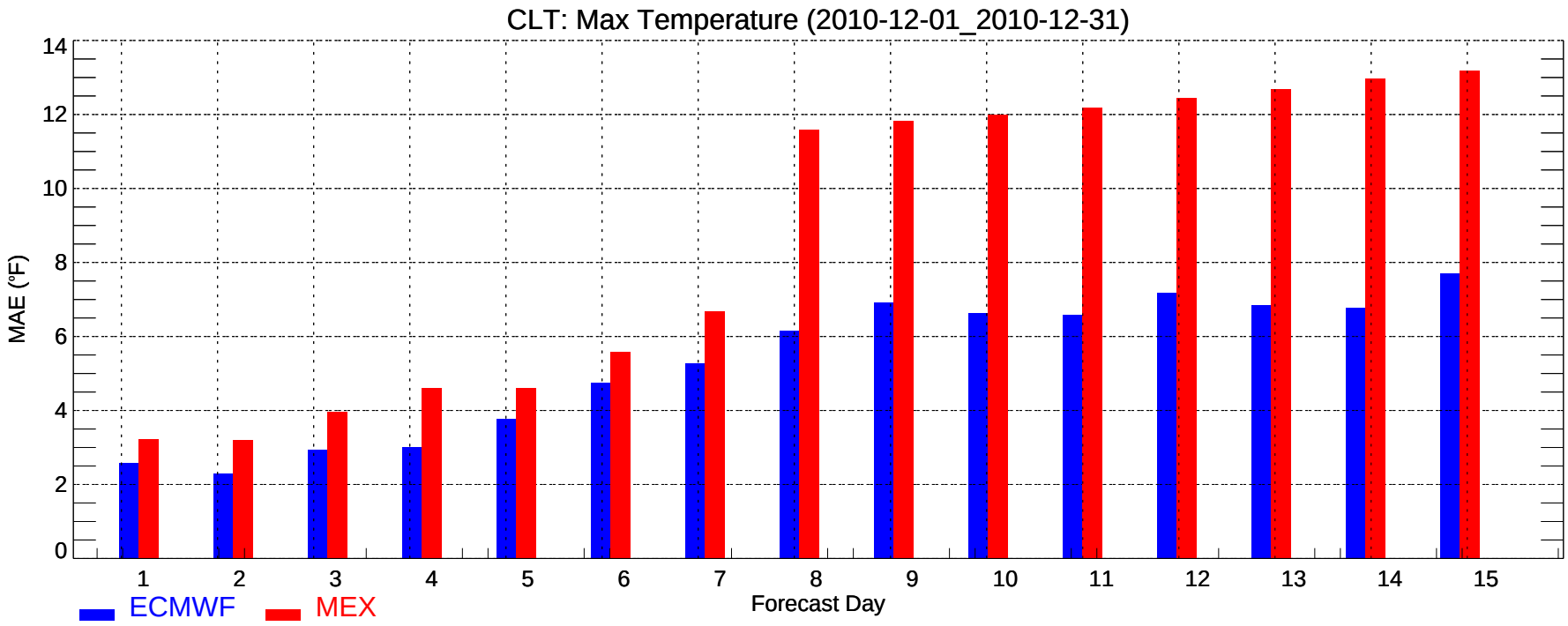

CHA: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

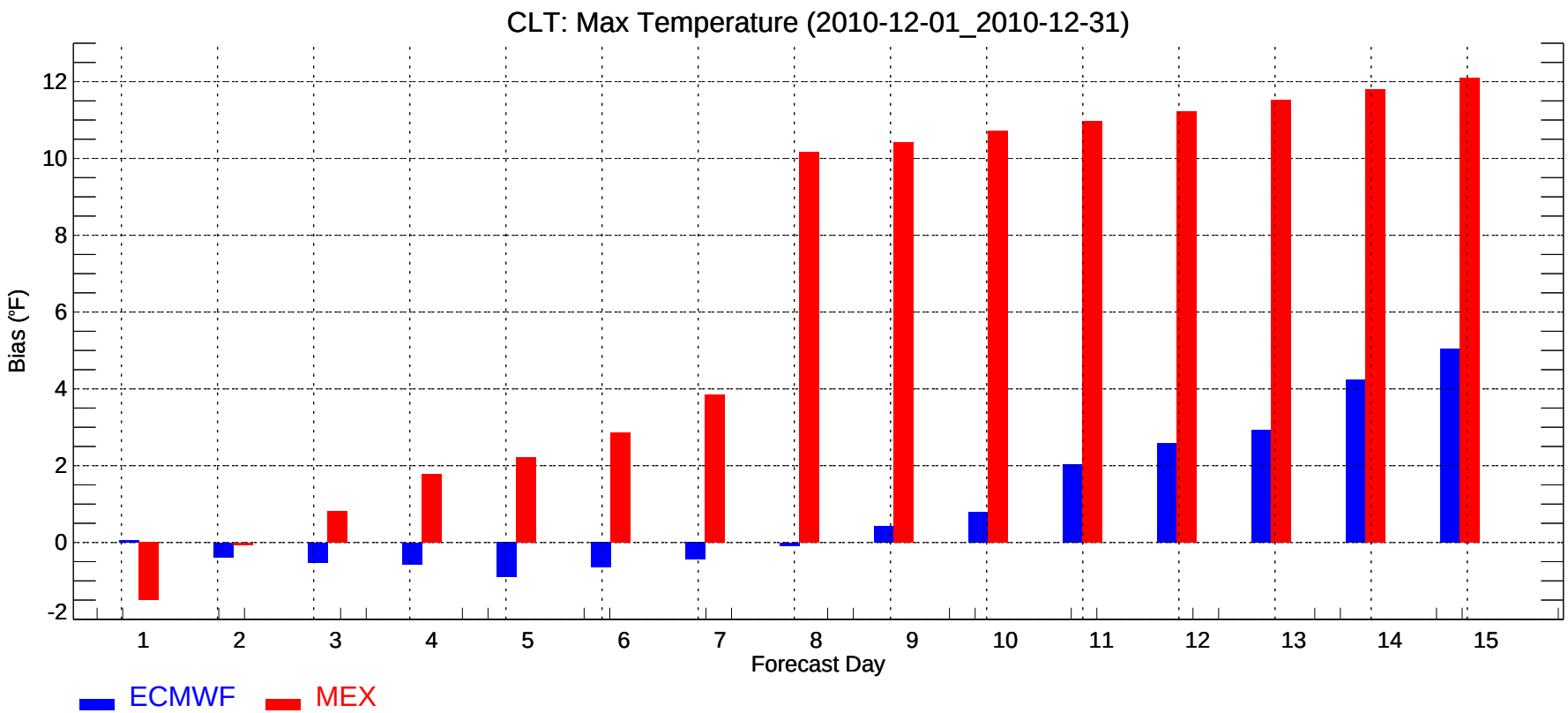

CLE: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

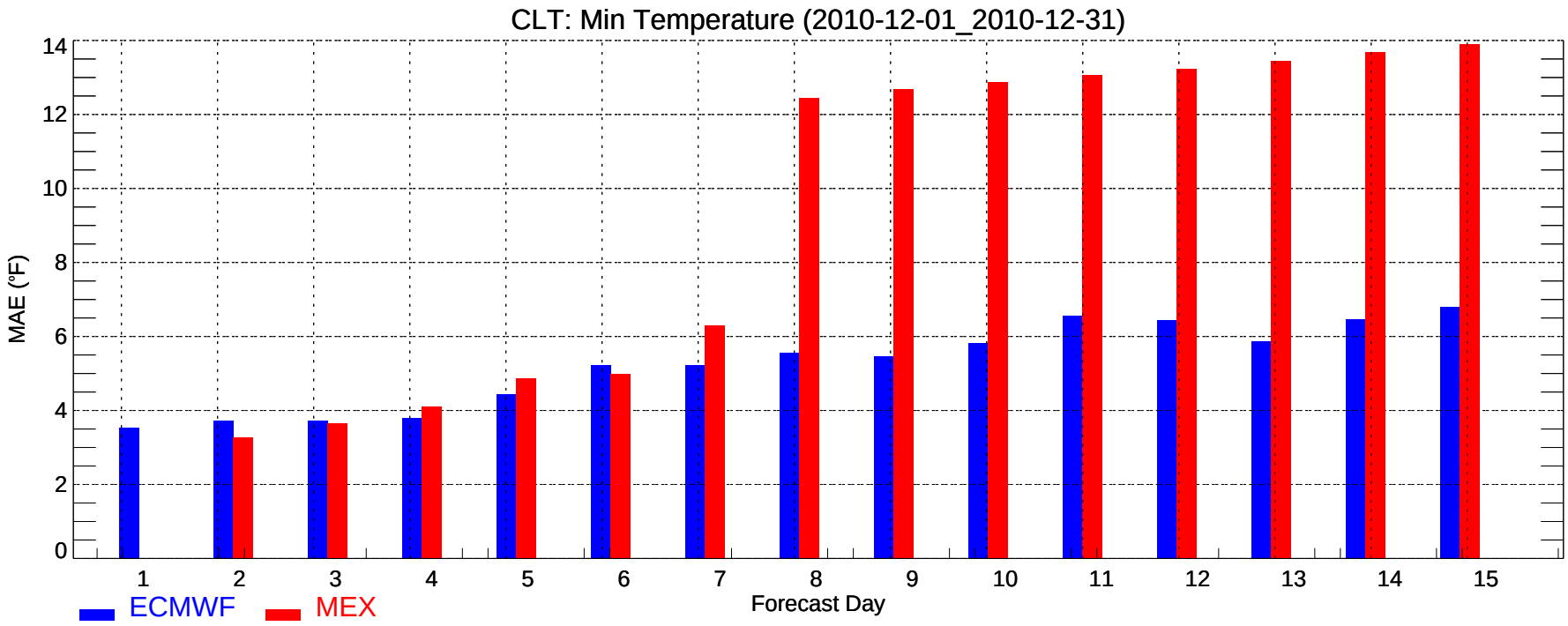

CLE: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

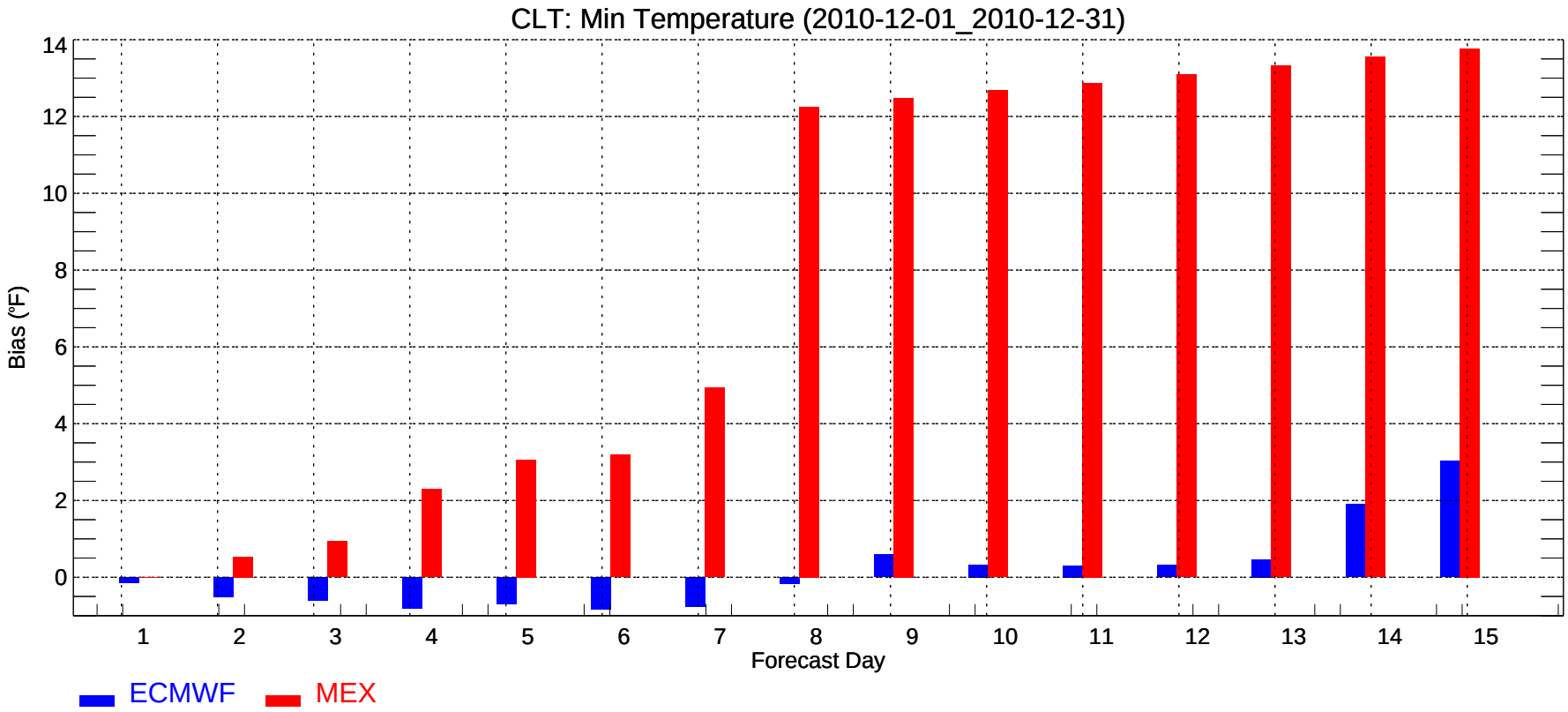

CLE: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

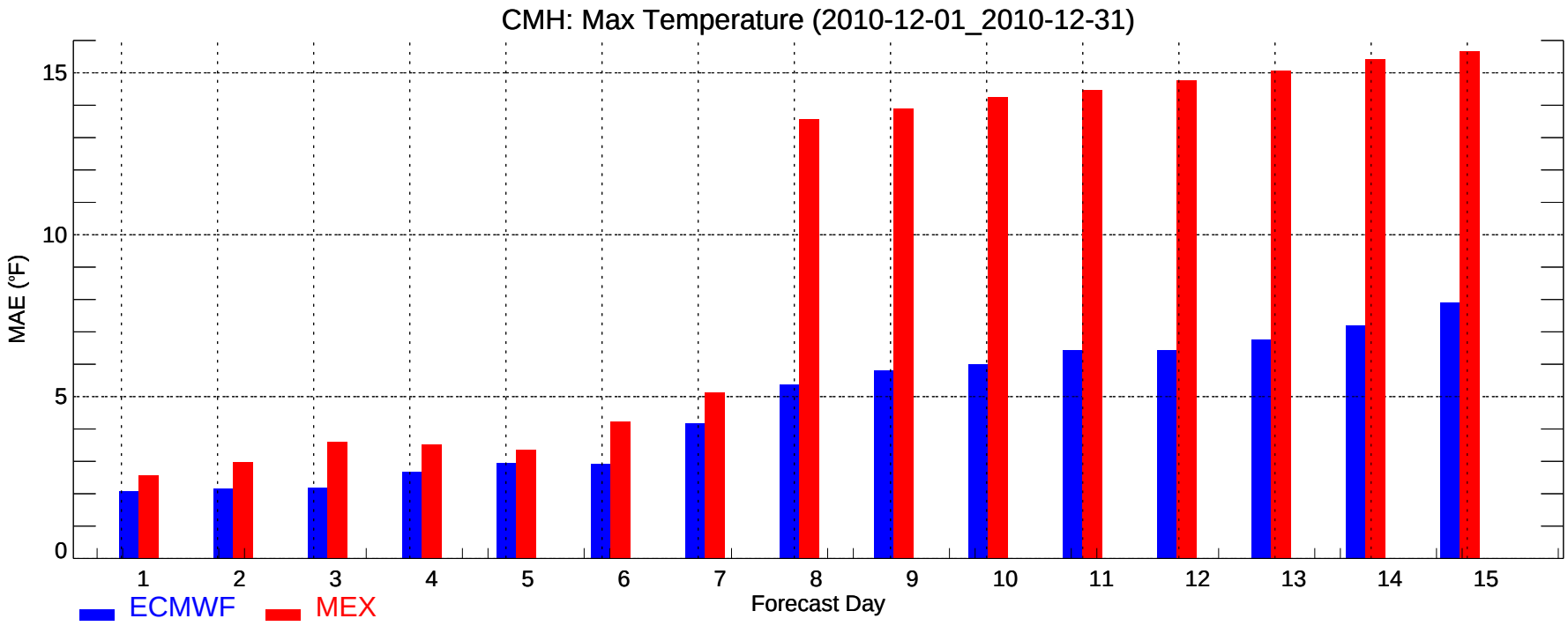

CLE: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
8
6
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

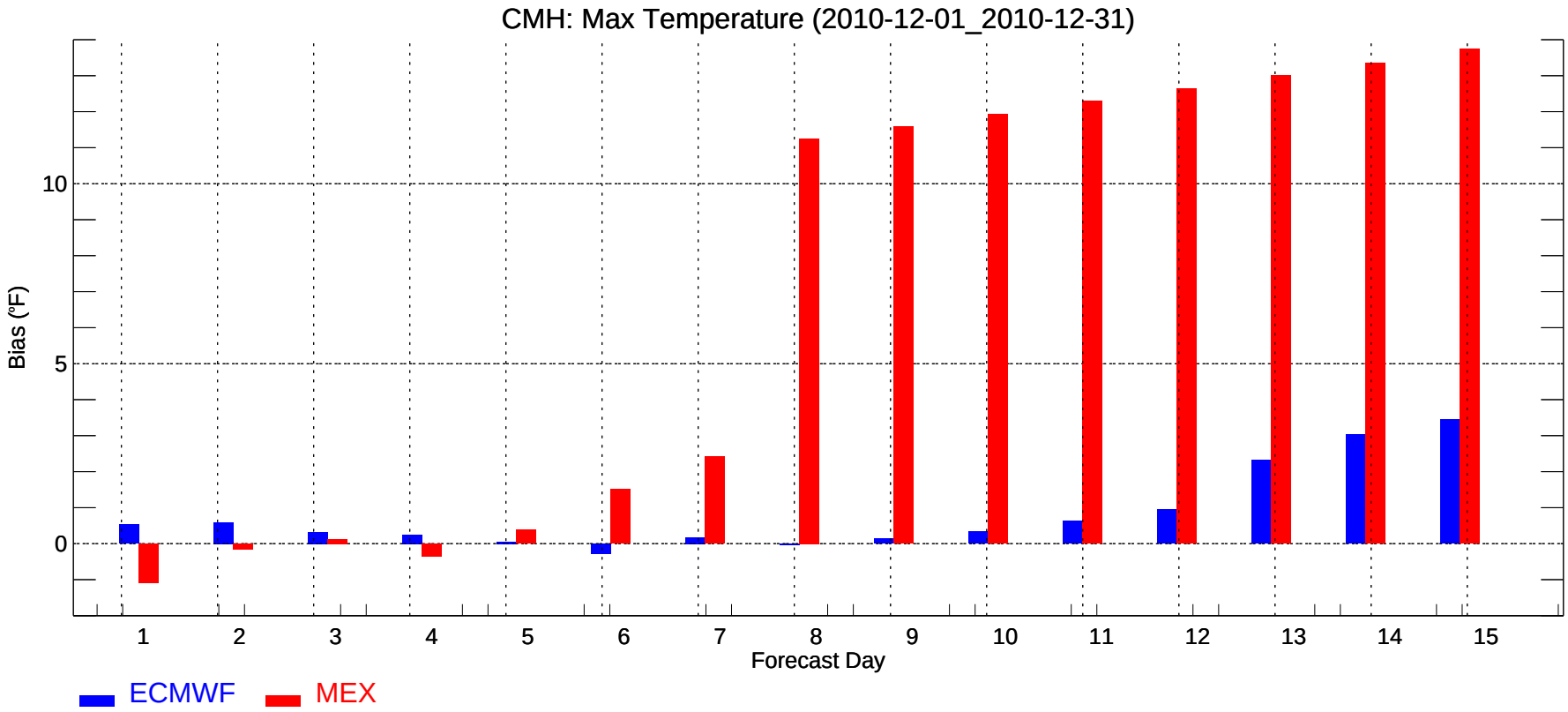

CLT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

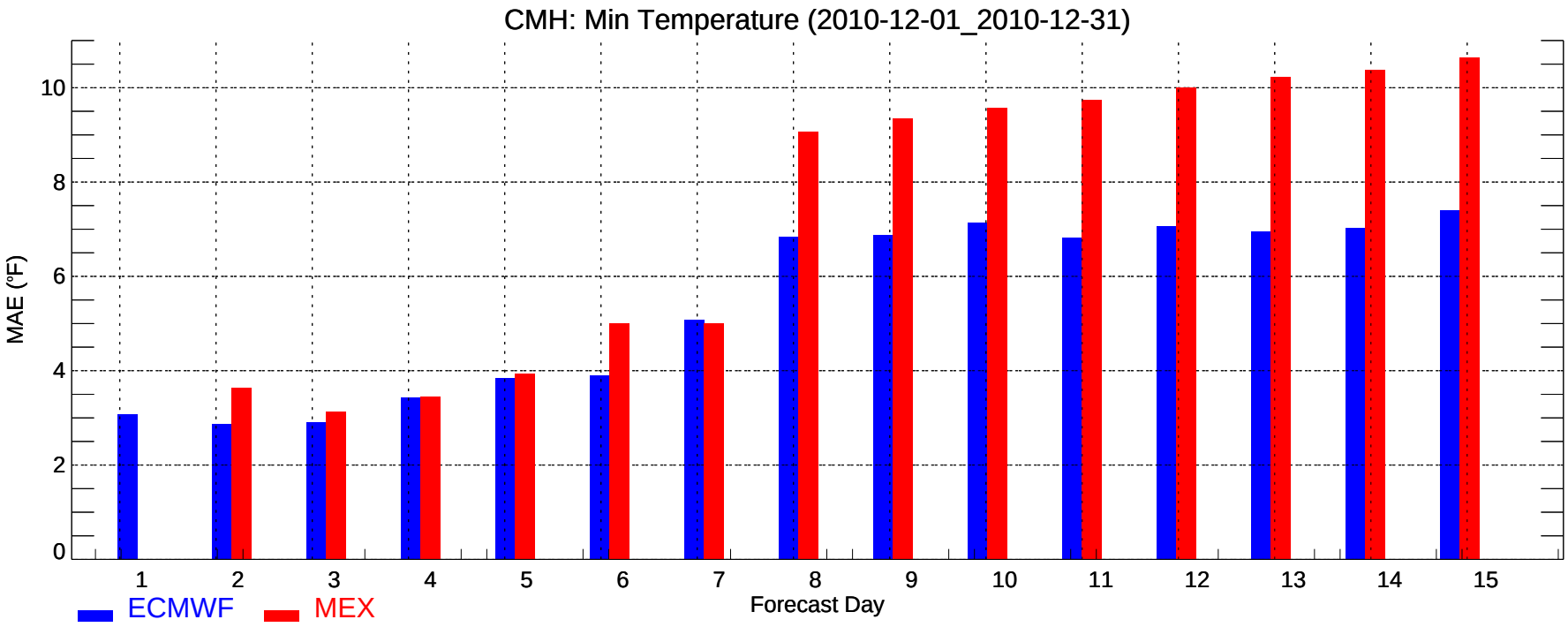

CLT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

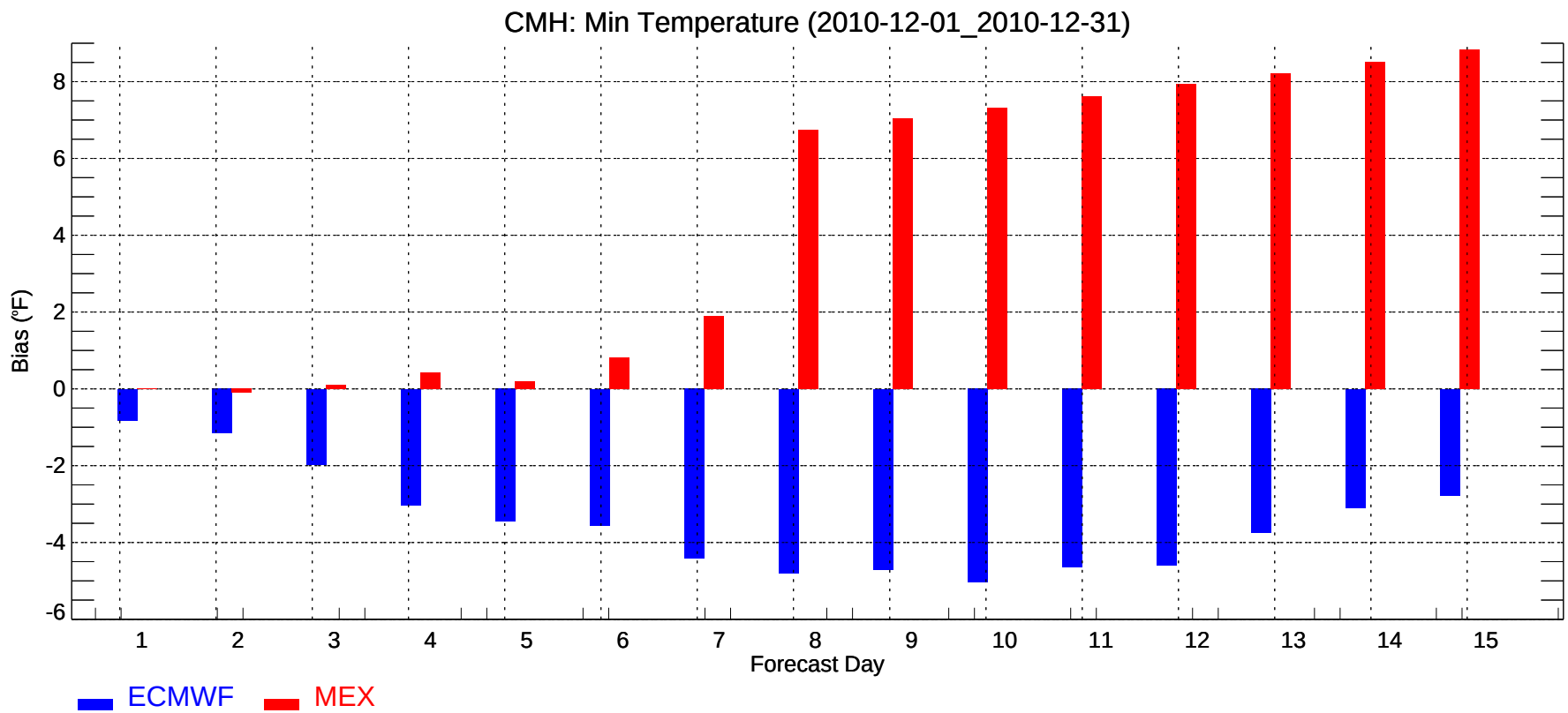

CLT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

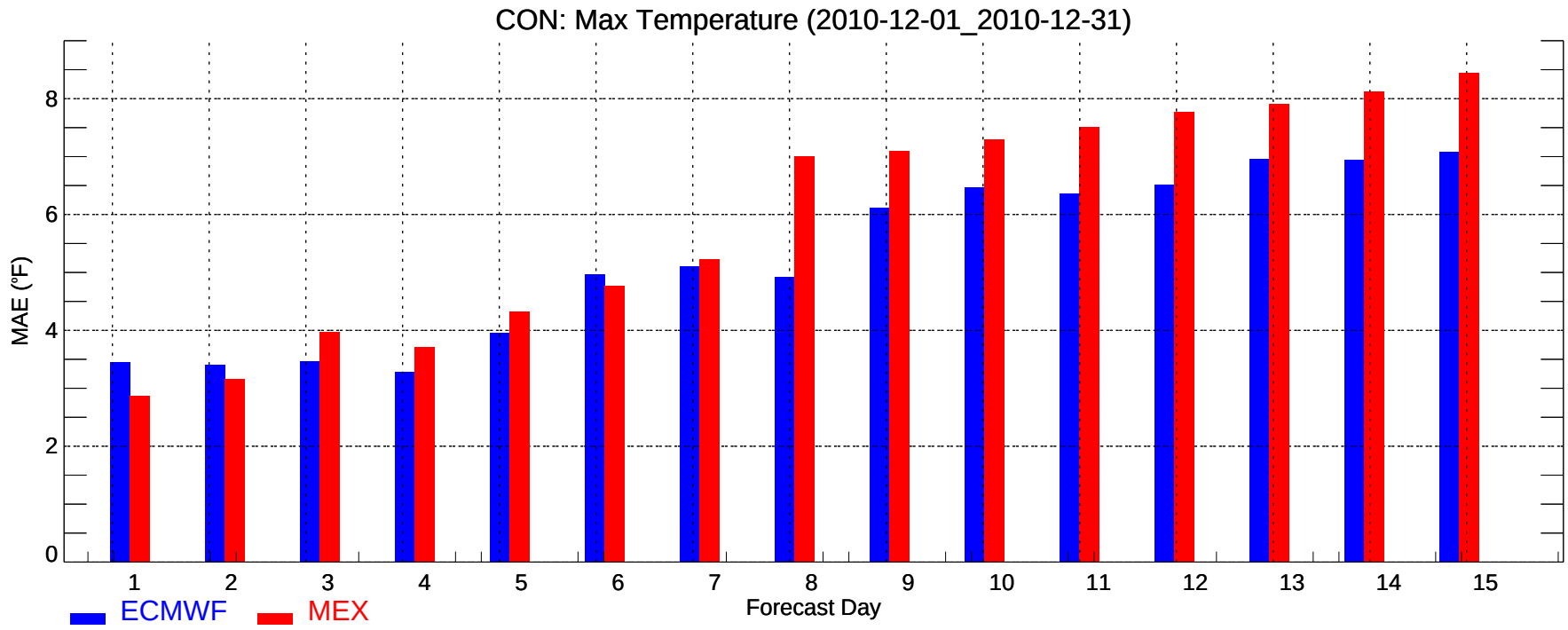

CLT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

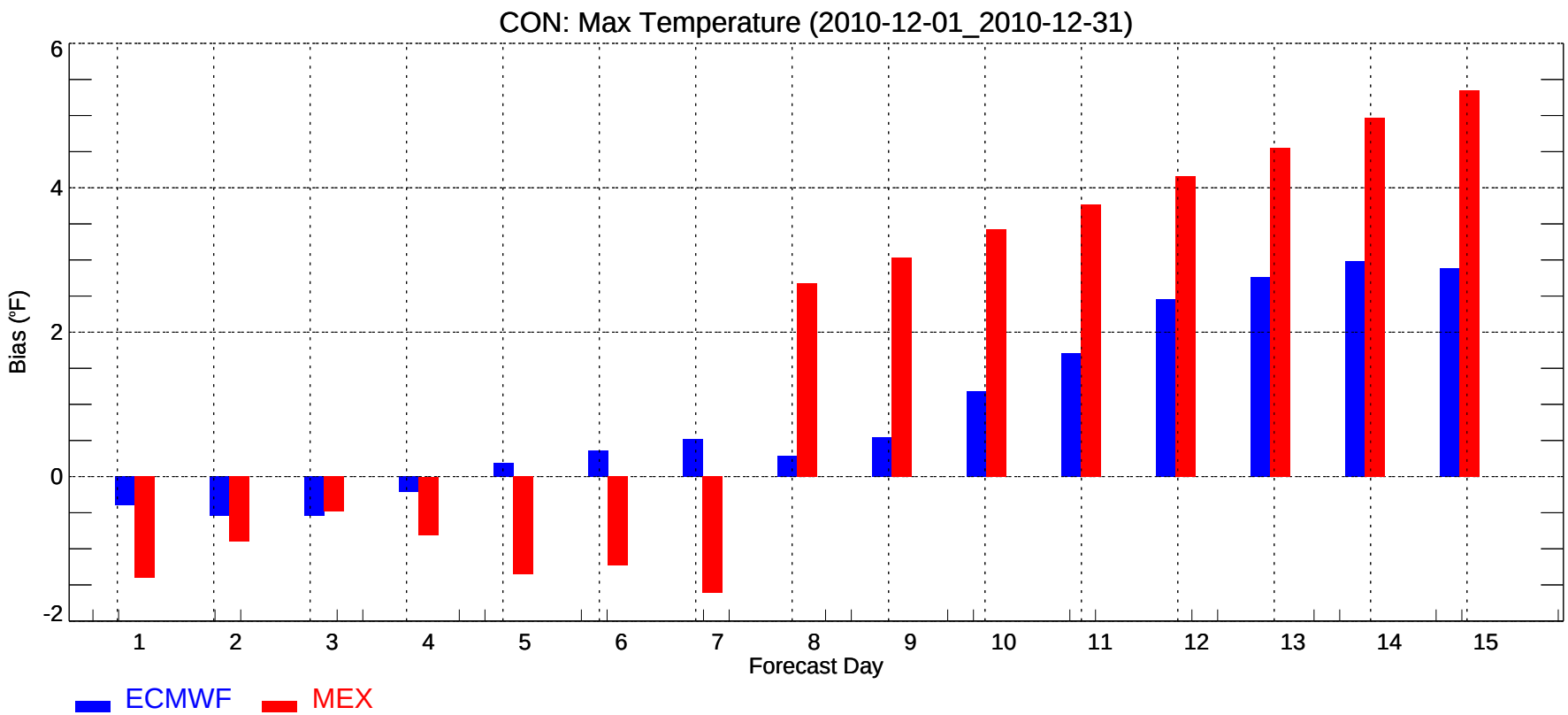

CMH: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

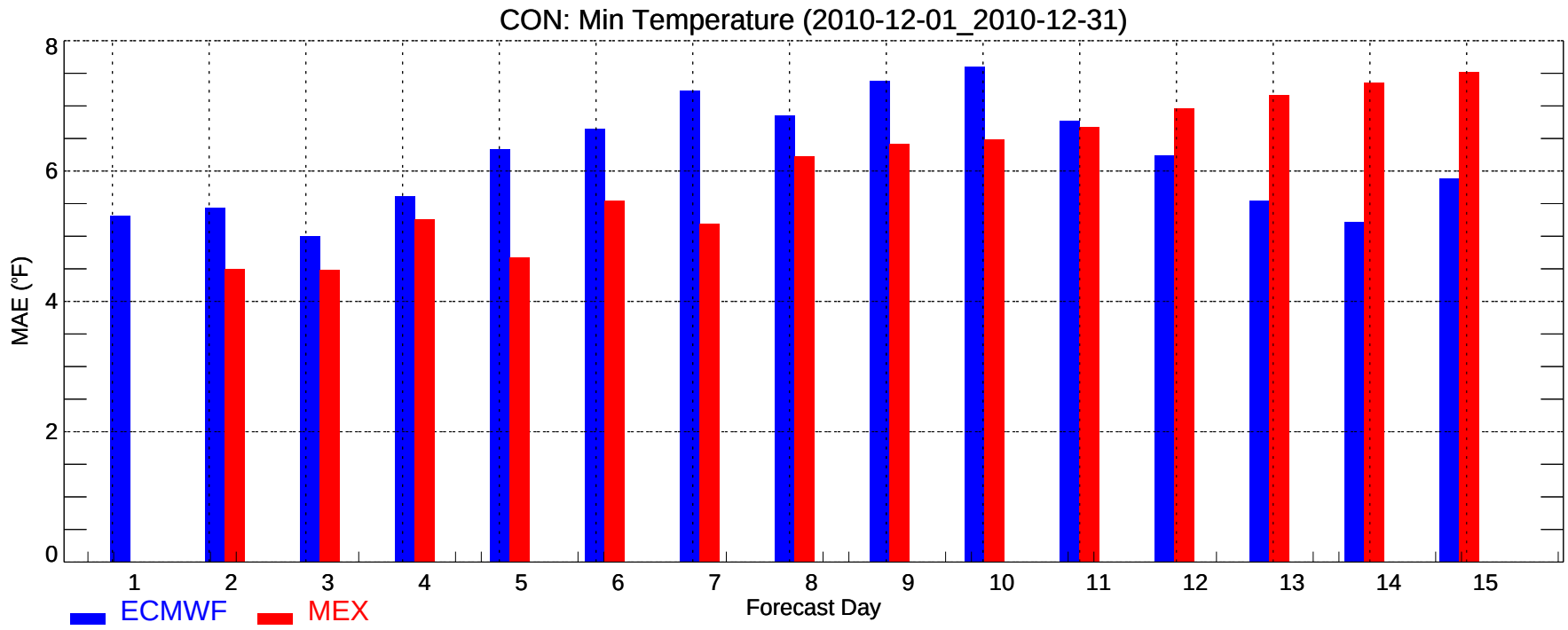

CMH: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
5
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

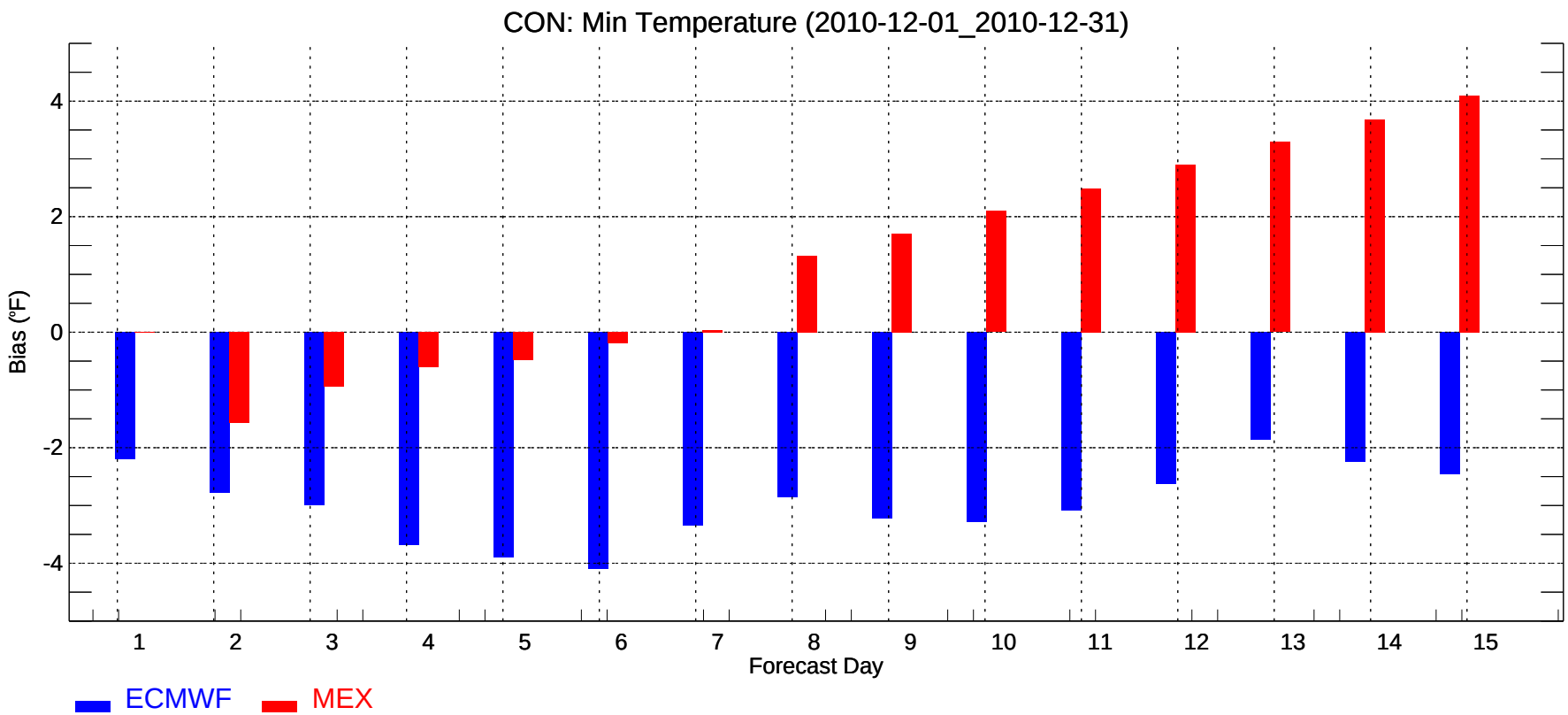

CMH: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

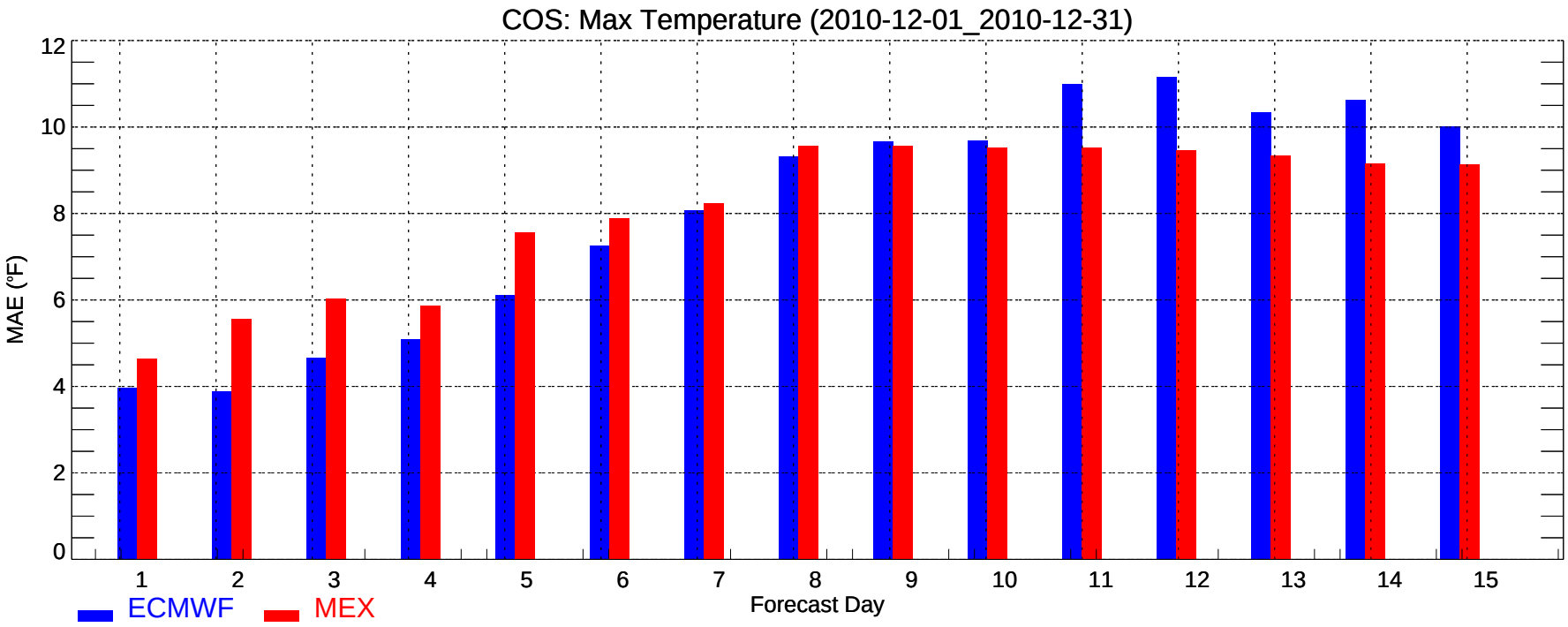

CMH: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-6
-4
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

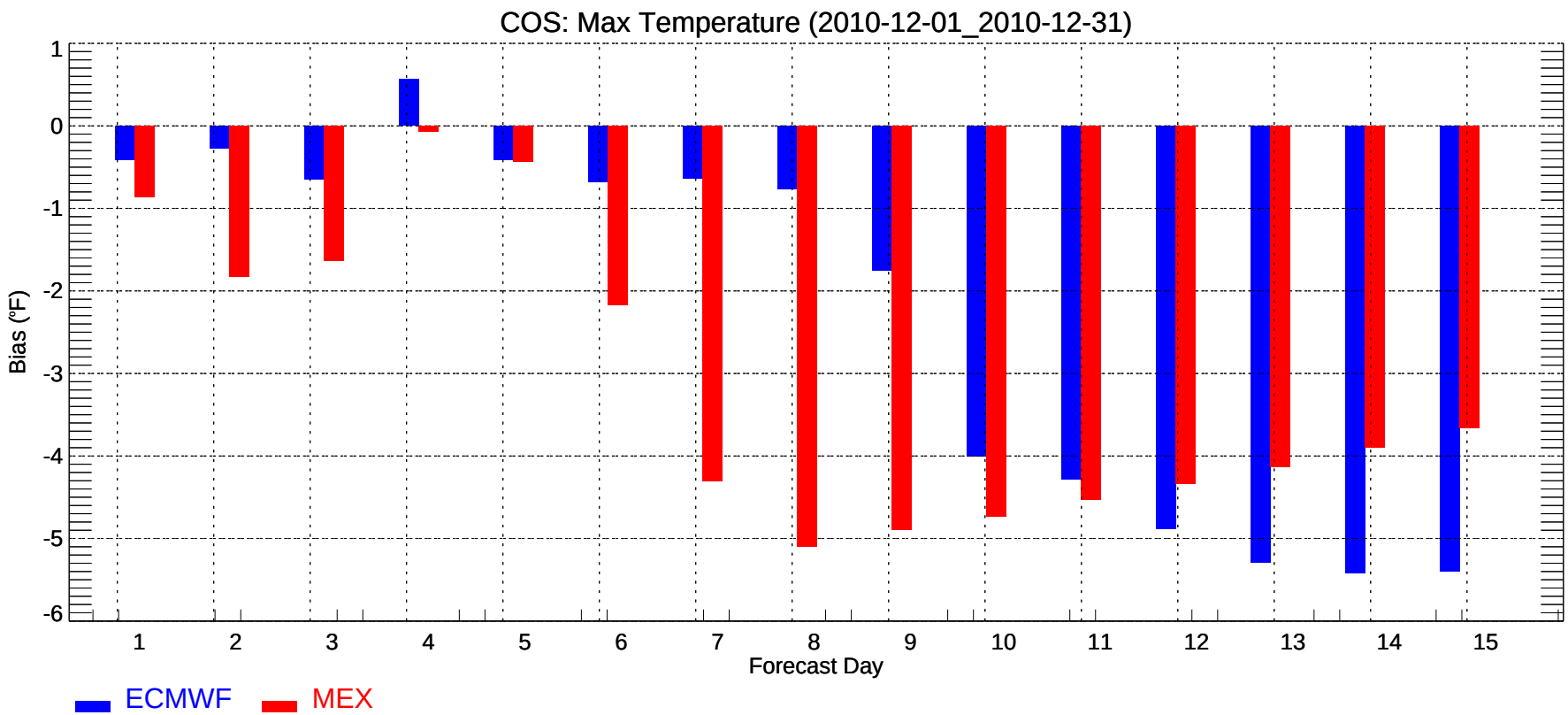

CON: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

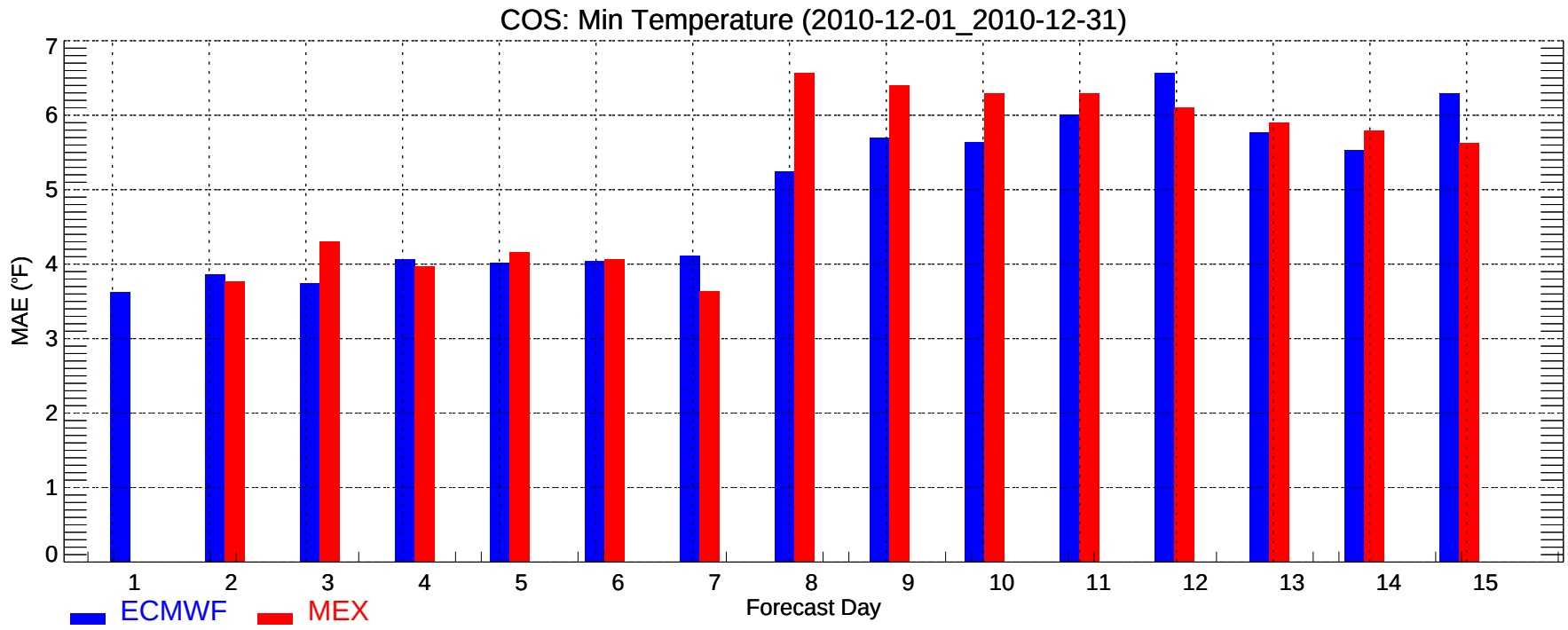

CON: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

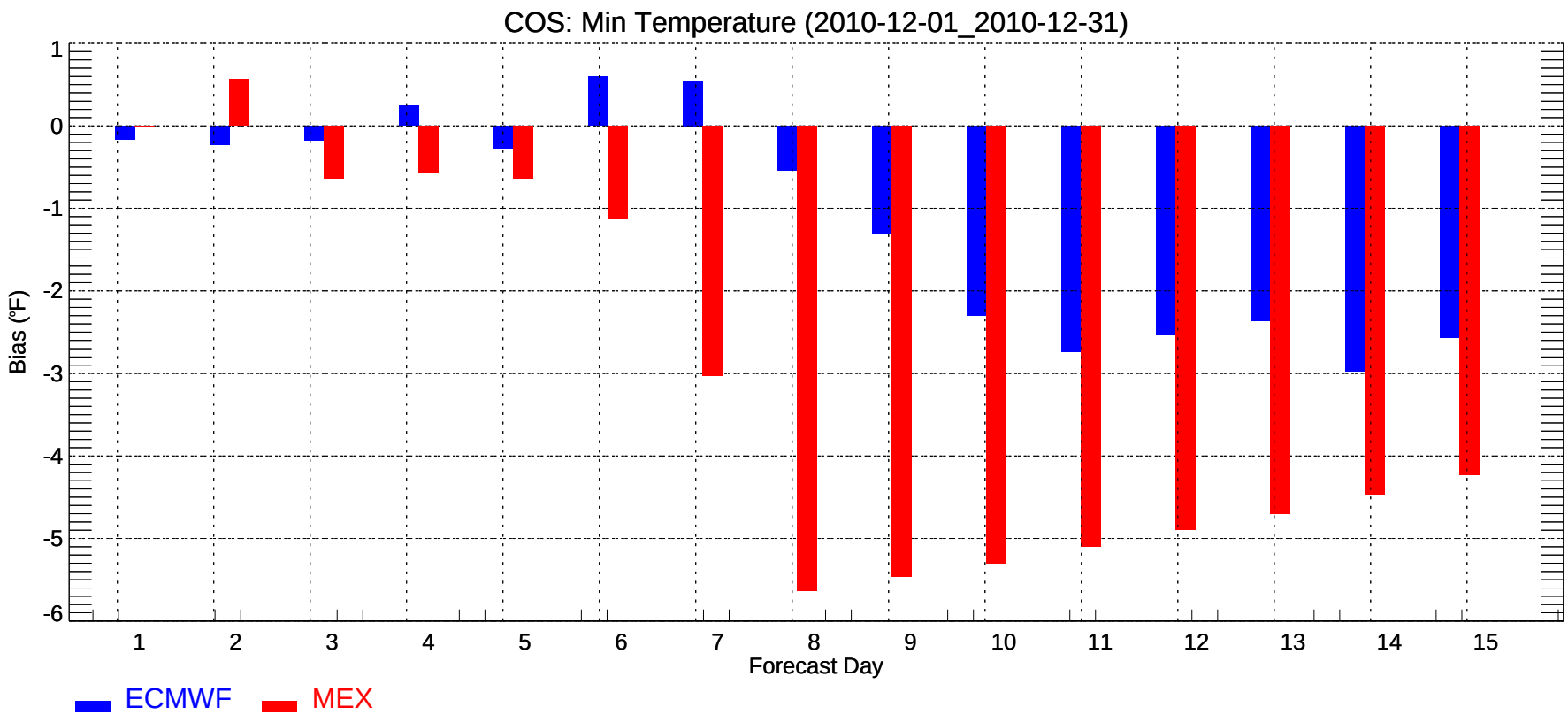

CON: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

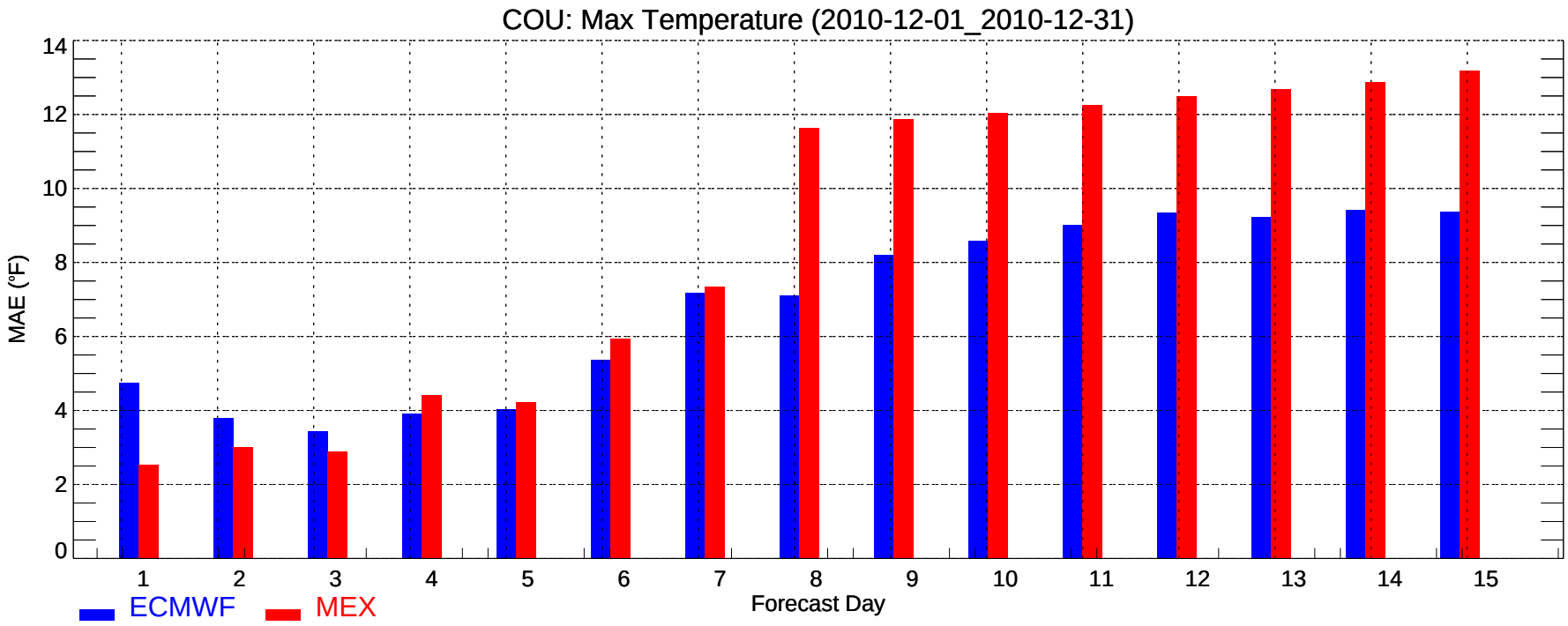

CON: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

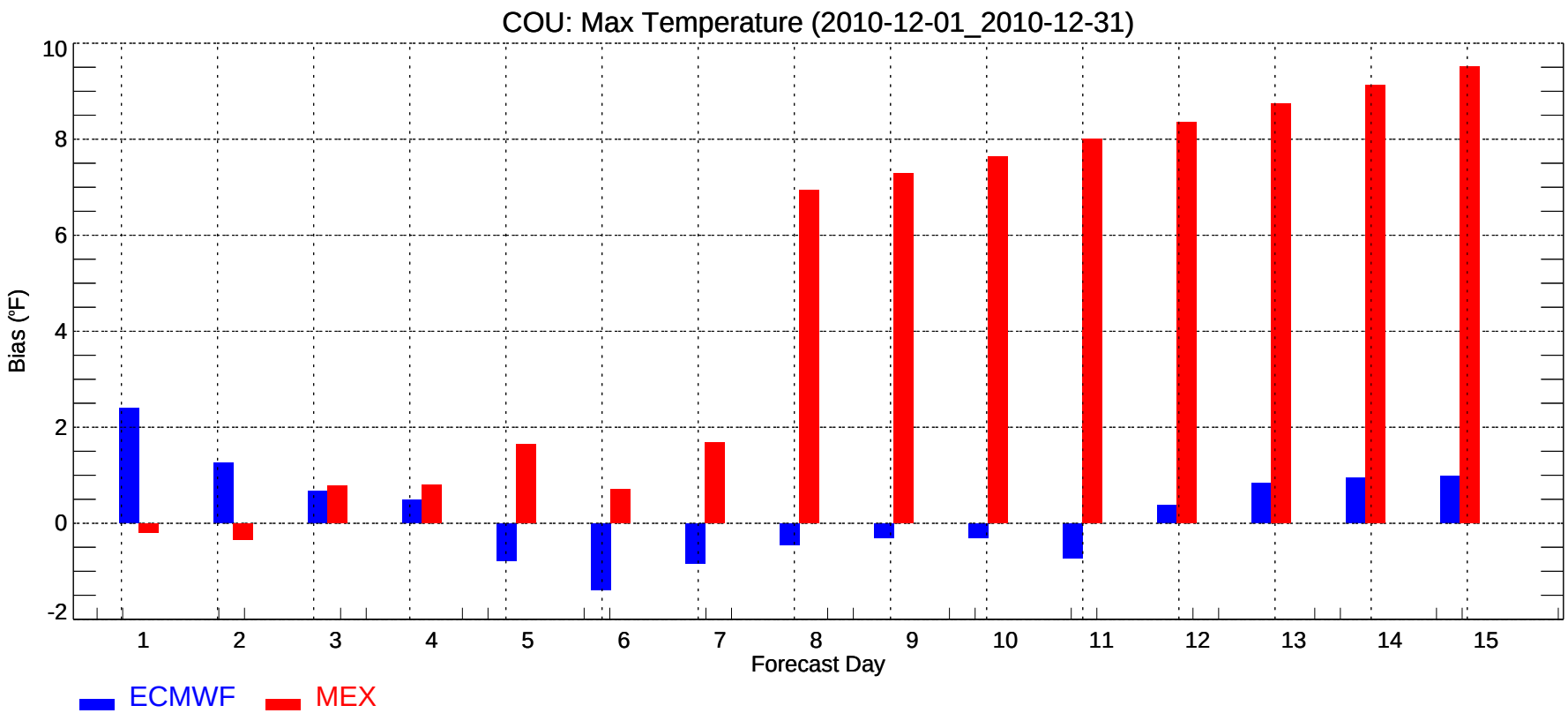

COS: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

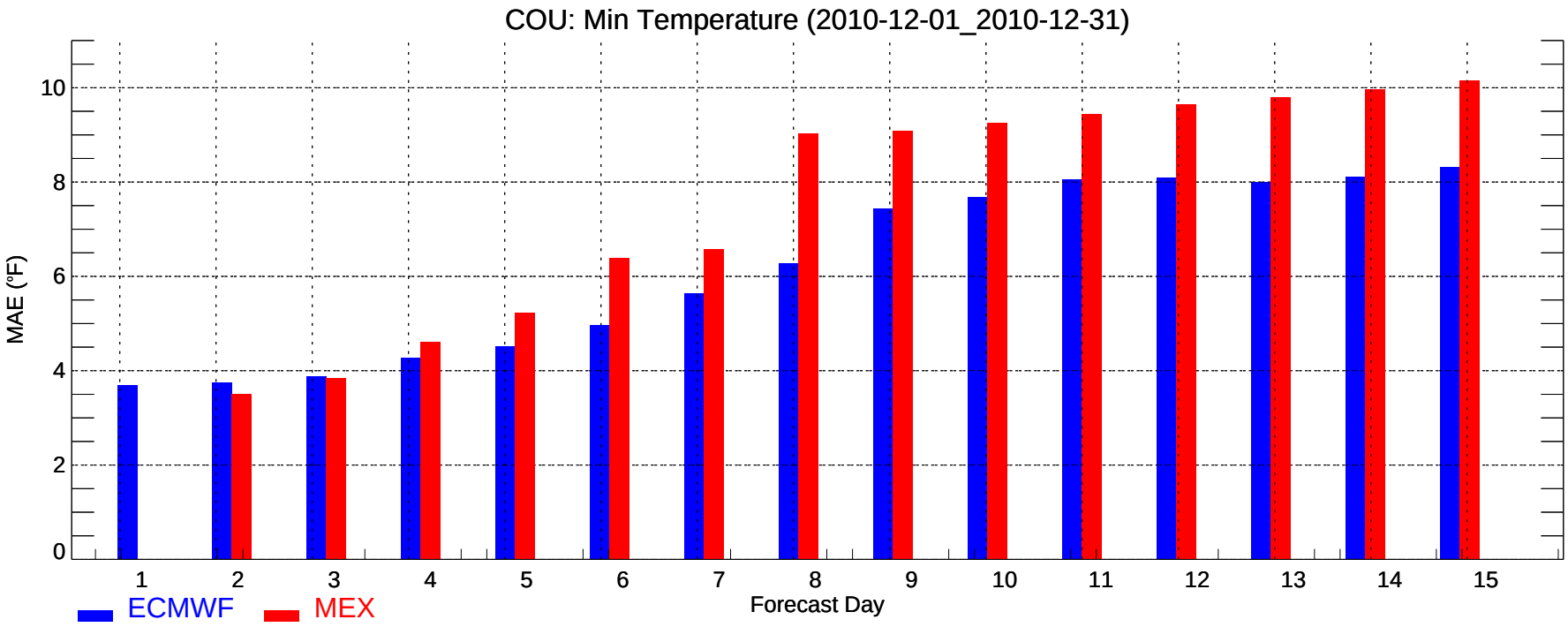

COS: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

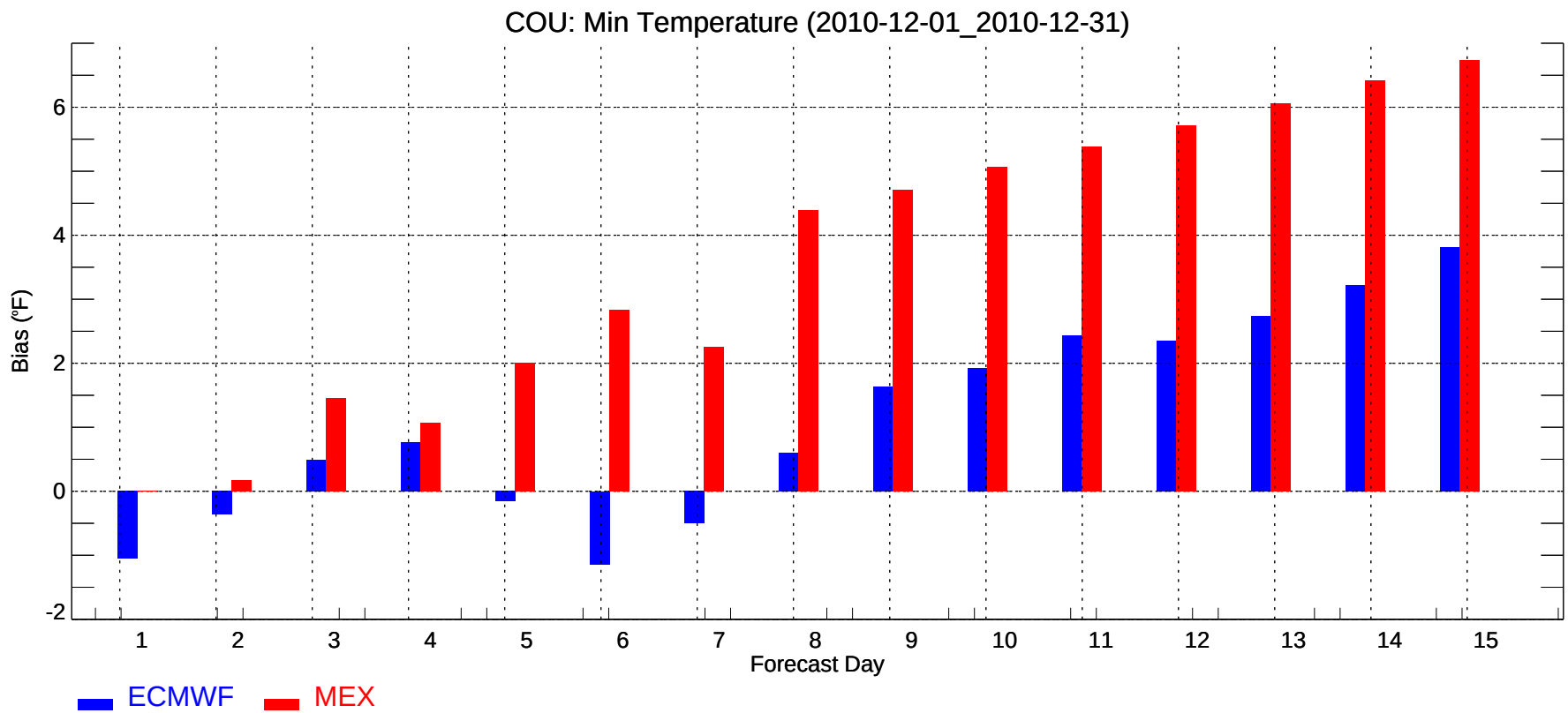

COS: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

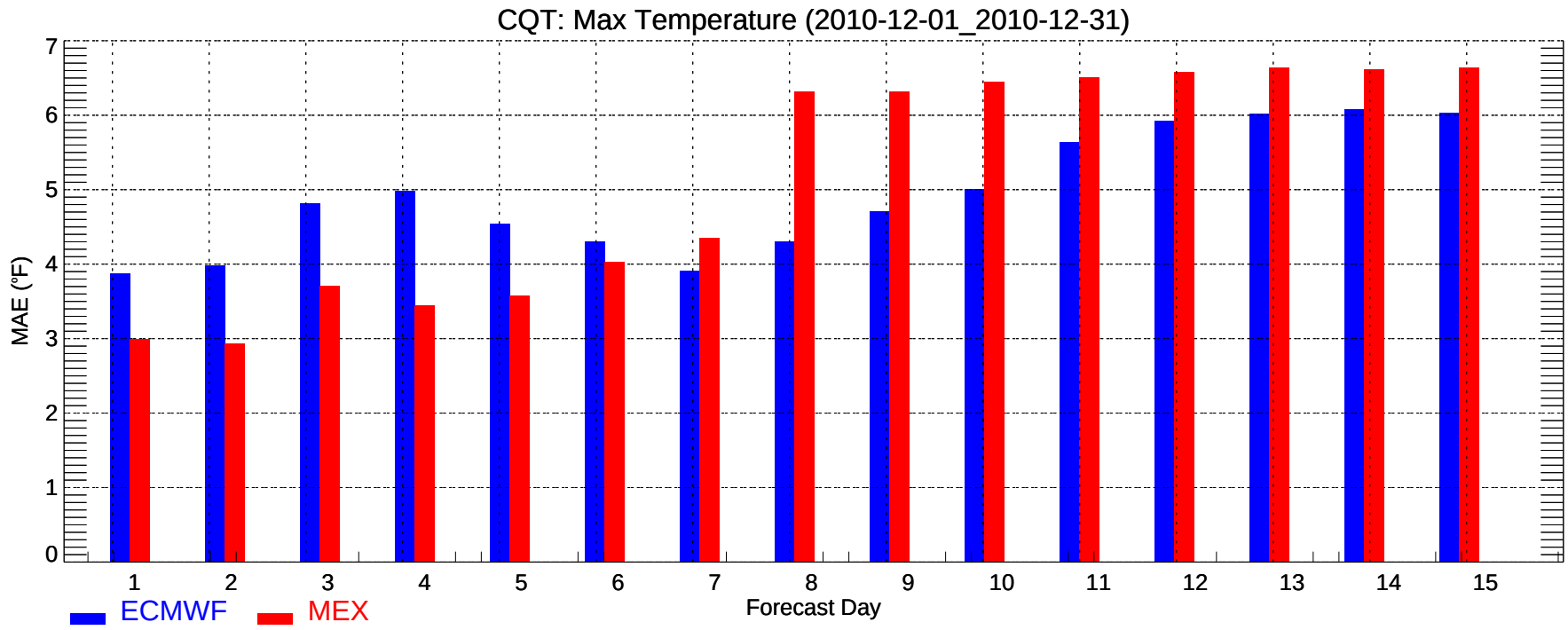

COS: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

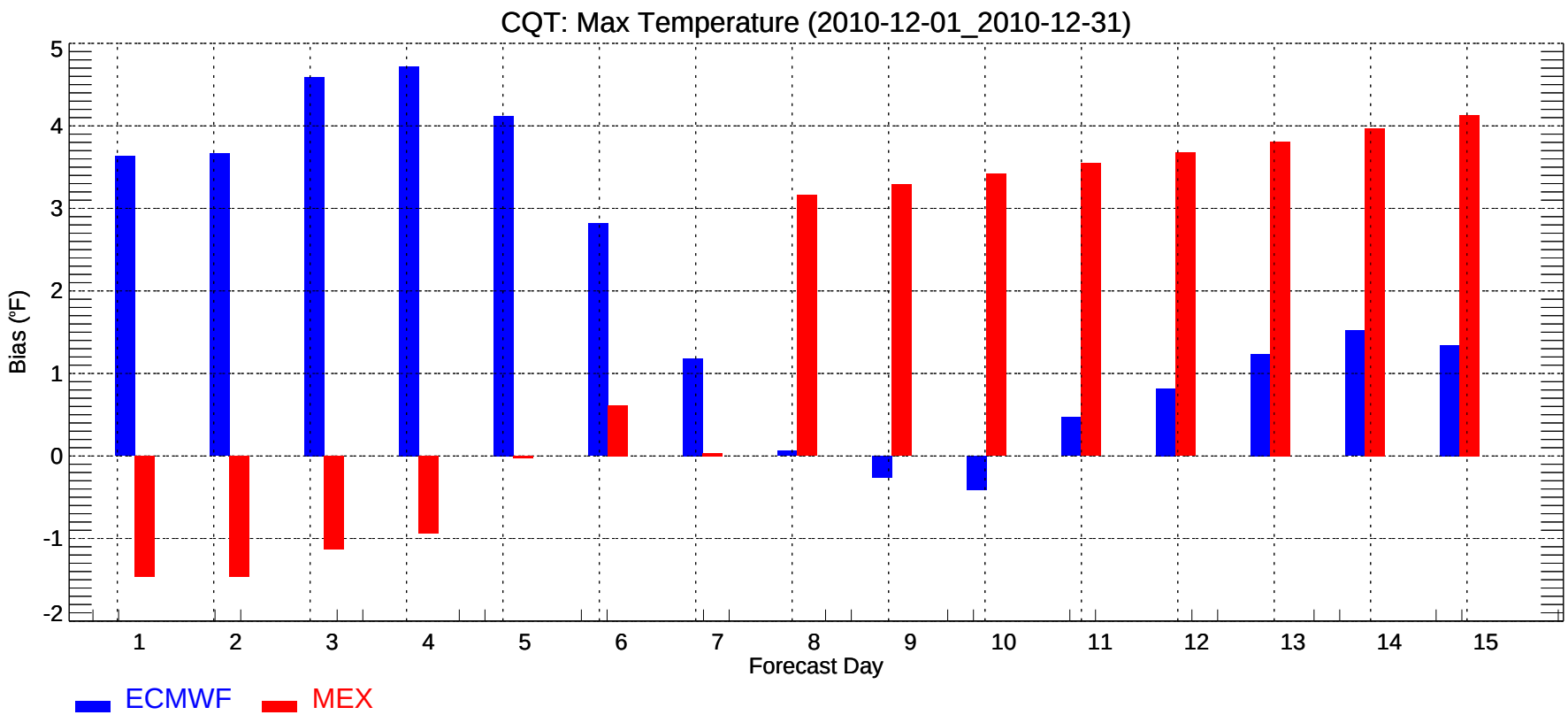

COU: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

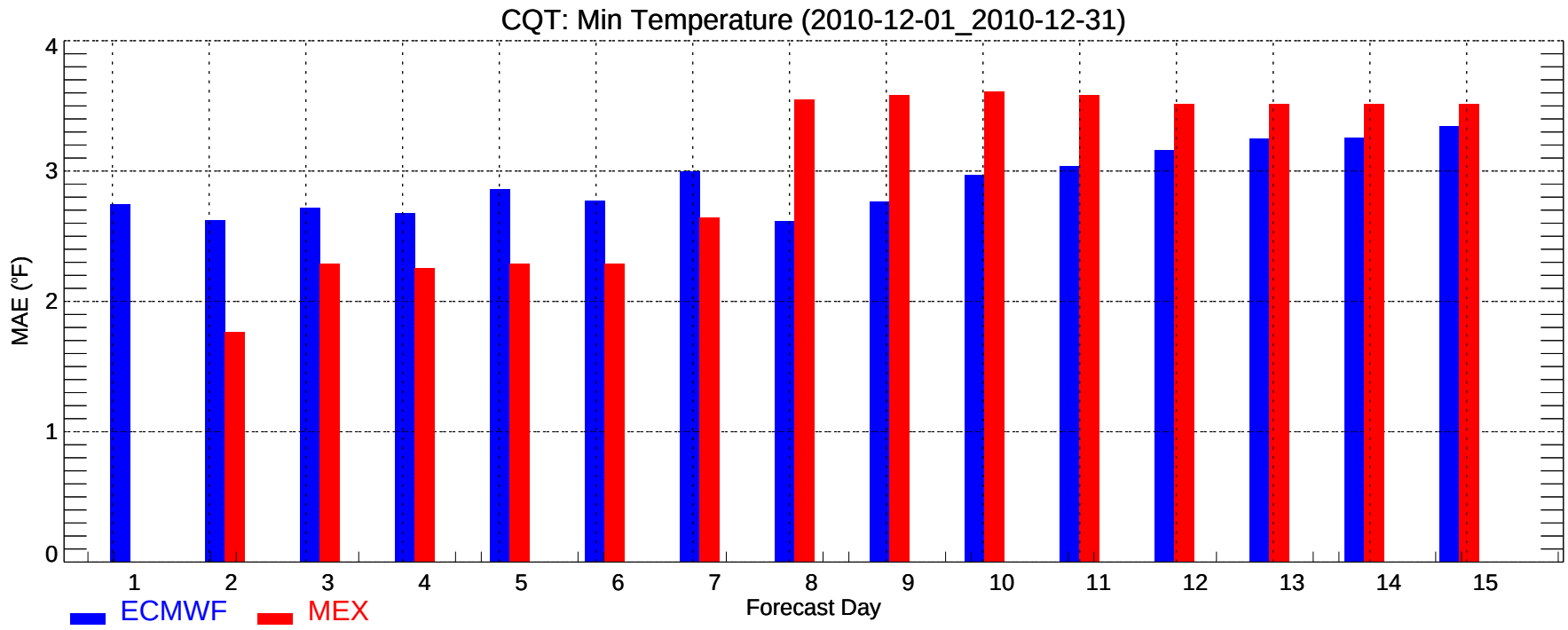

COU: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

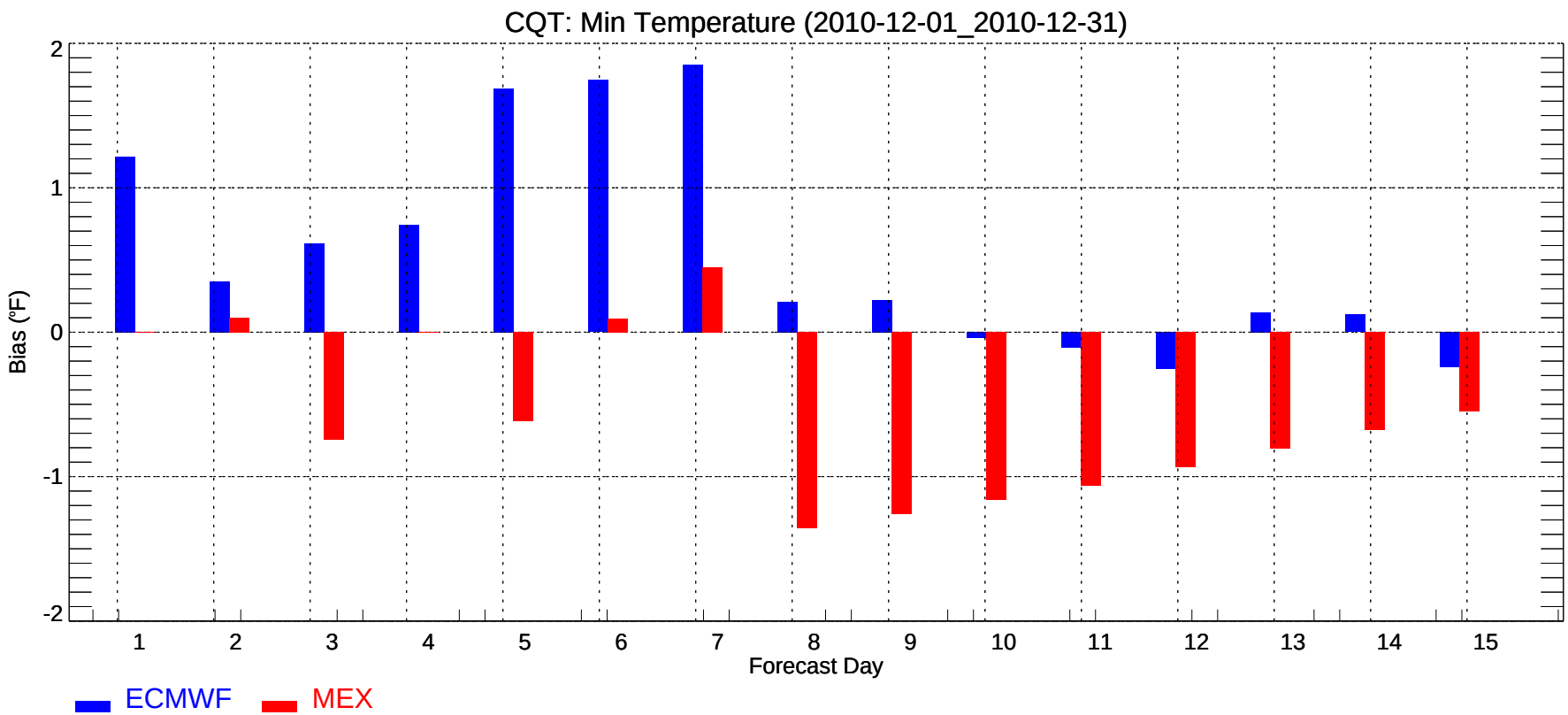

COU: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

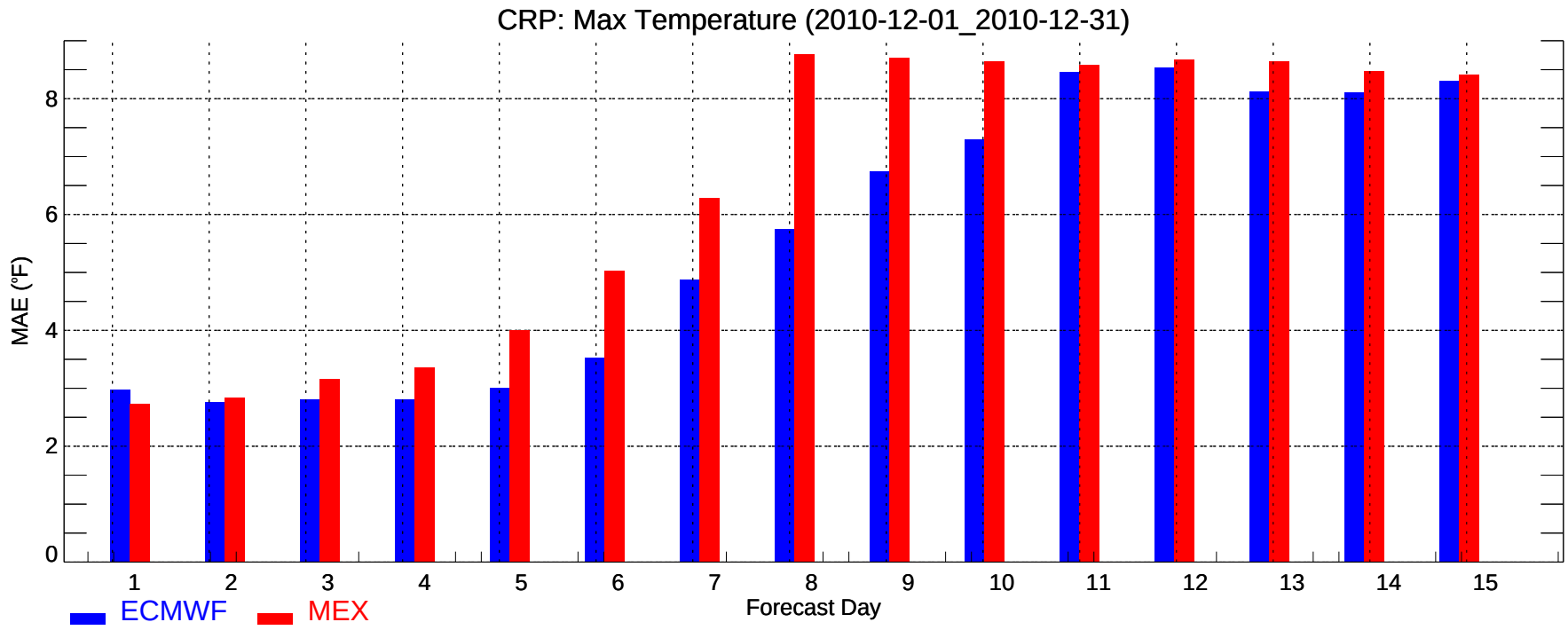

COU: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

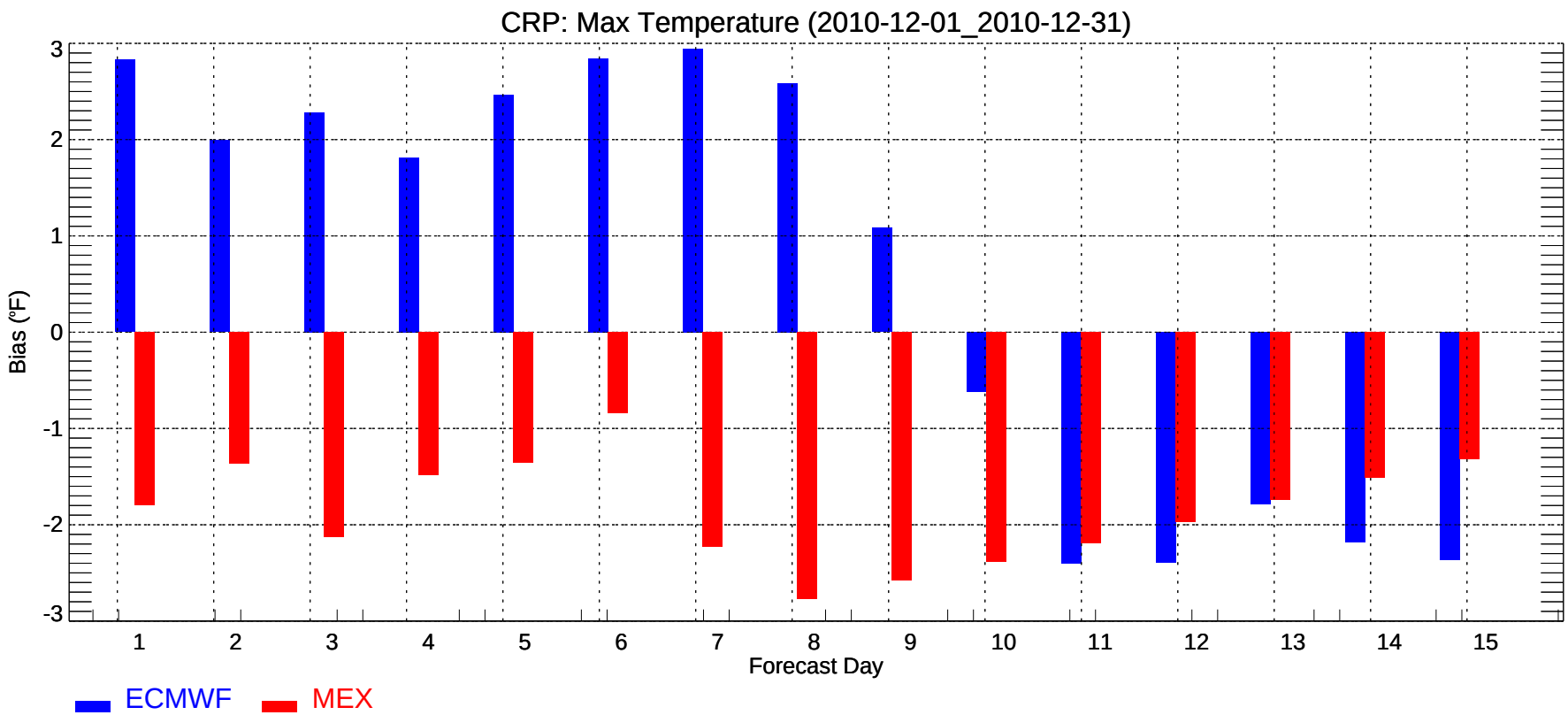

CQT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

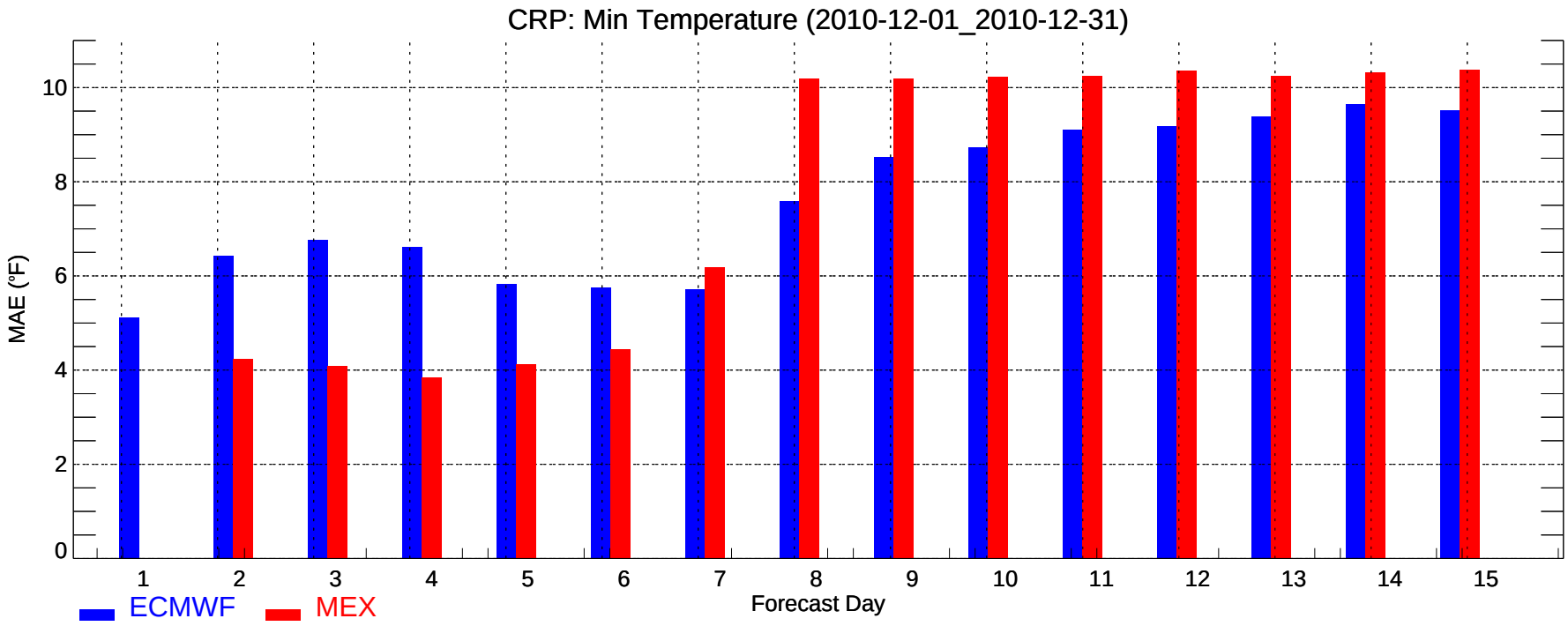

CQT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

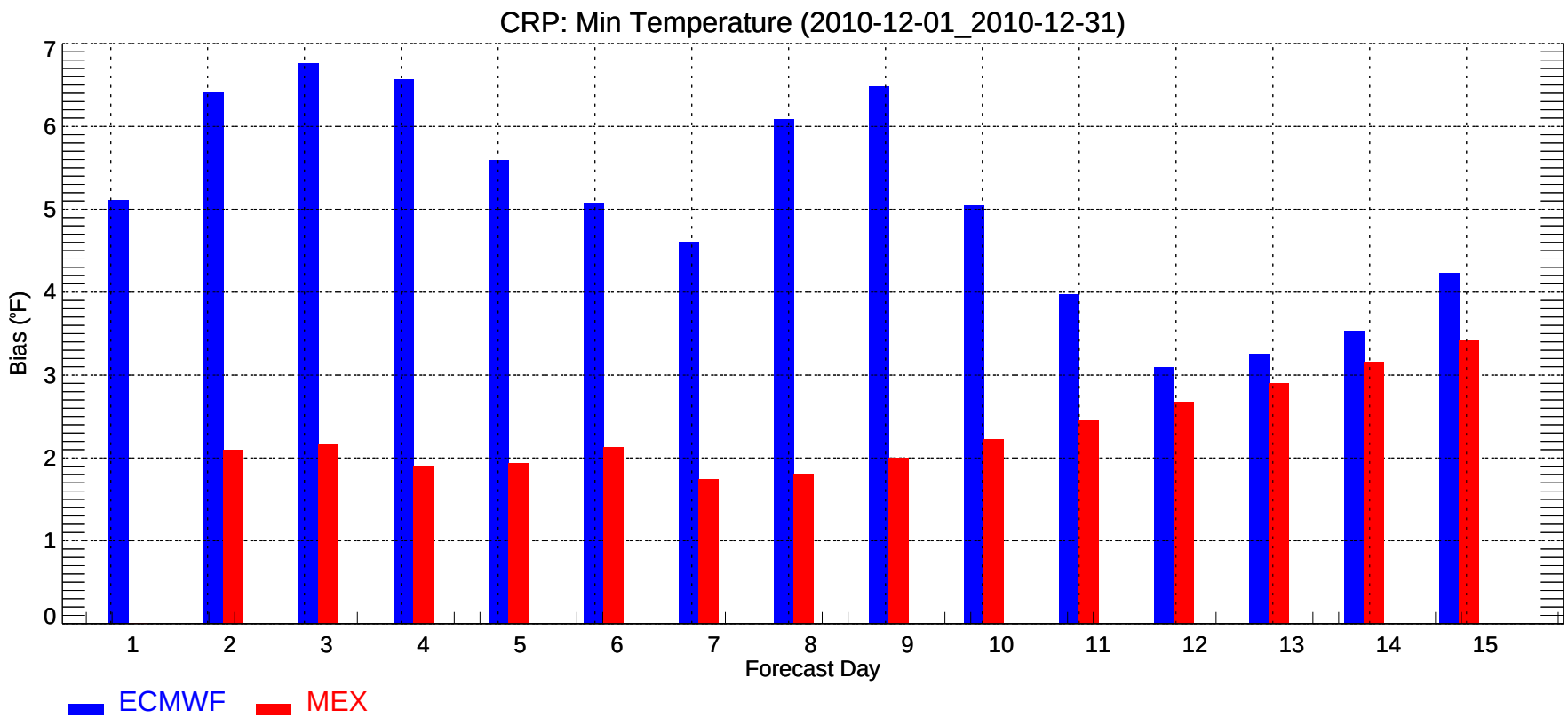

CQT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

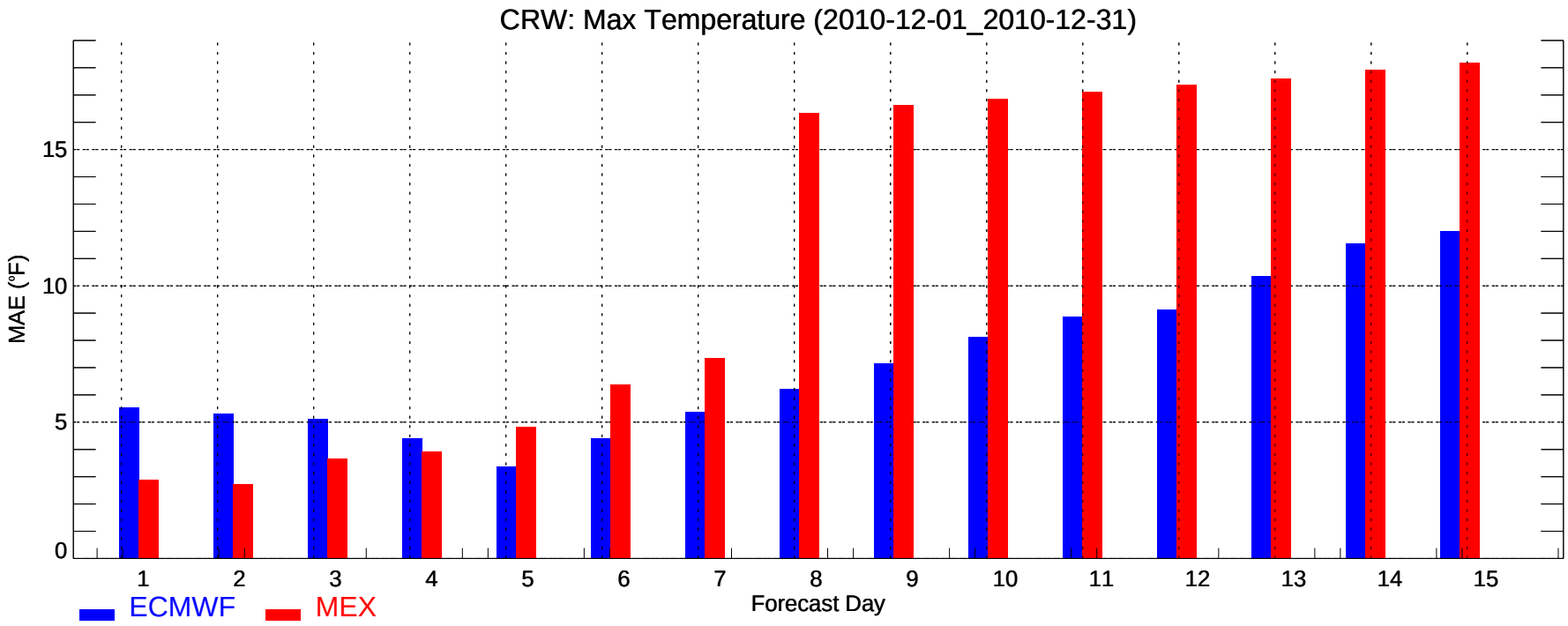

CQT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

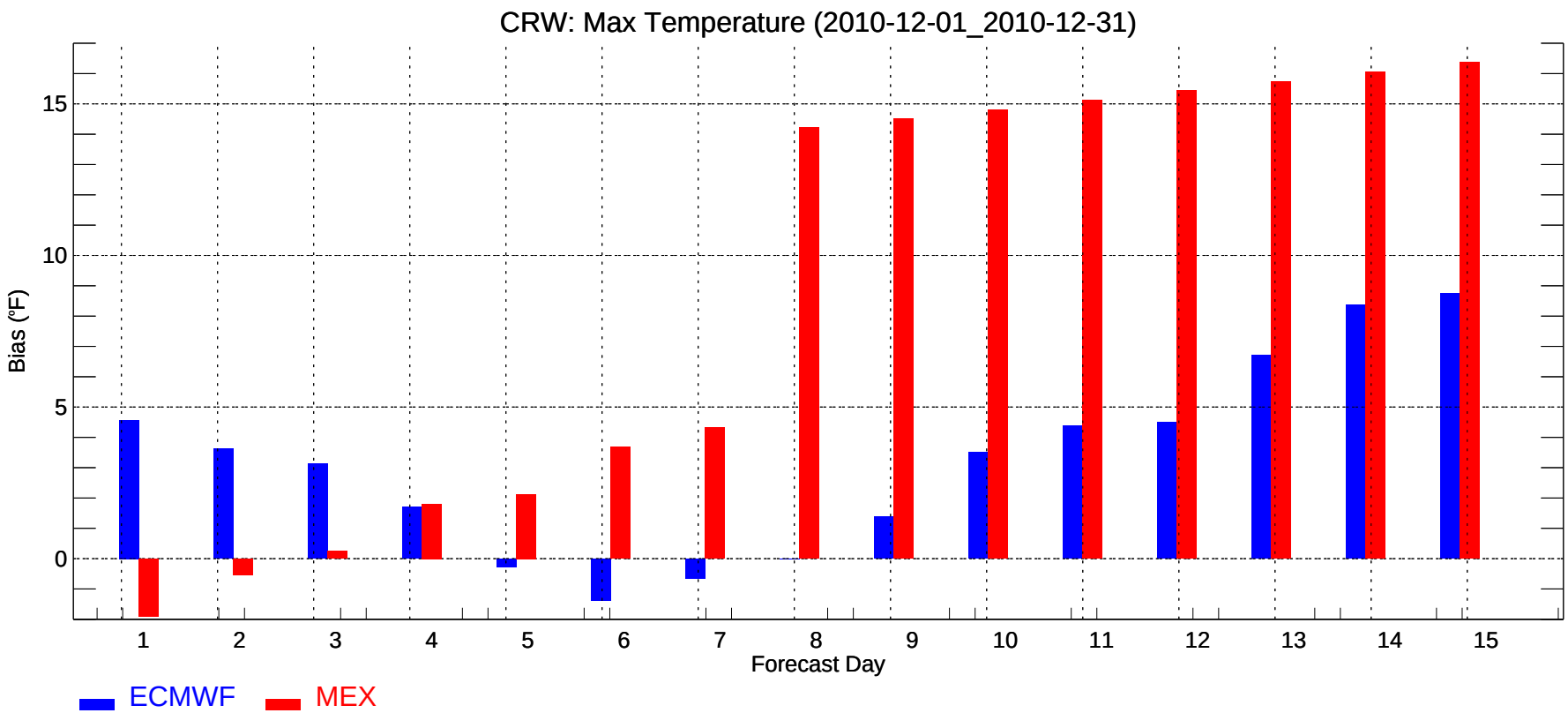

CRP: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

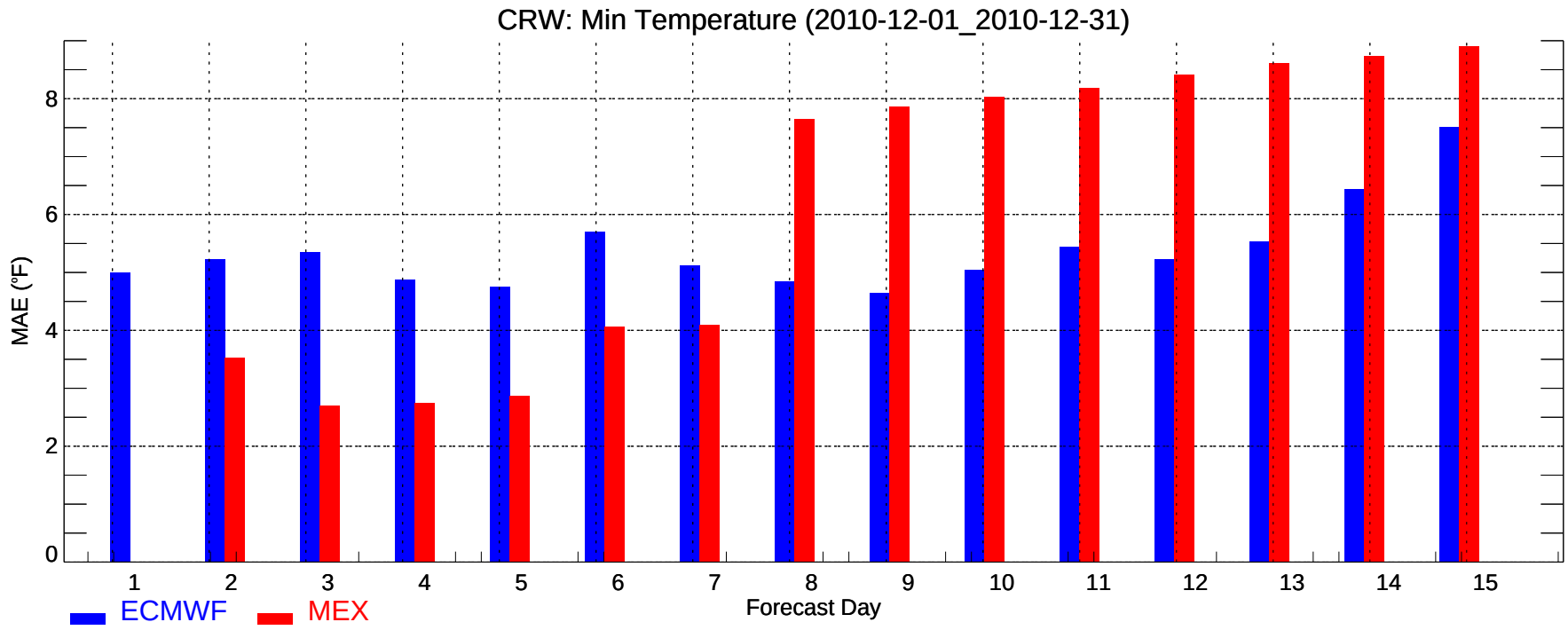

CRP: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

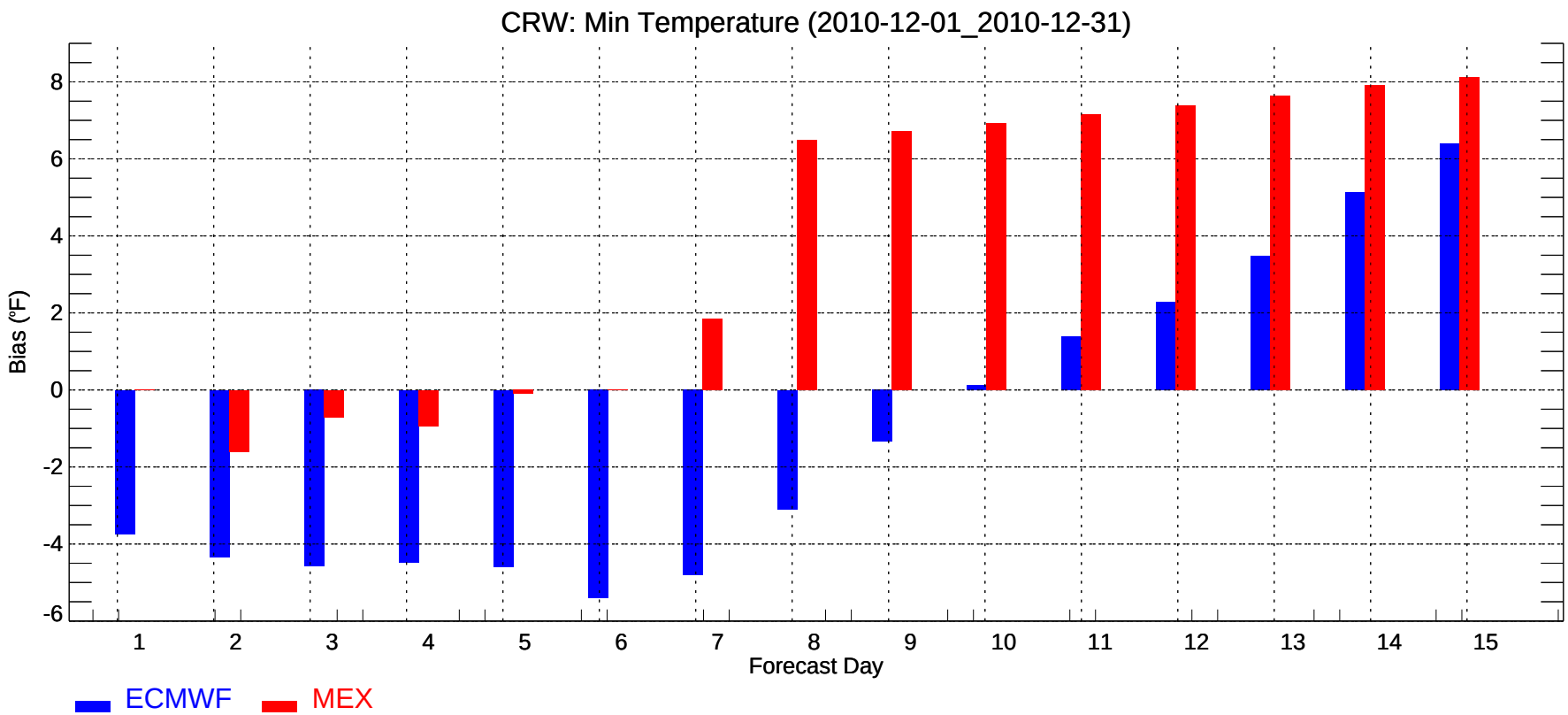

CRP: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

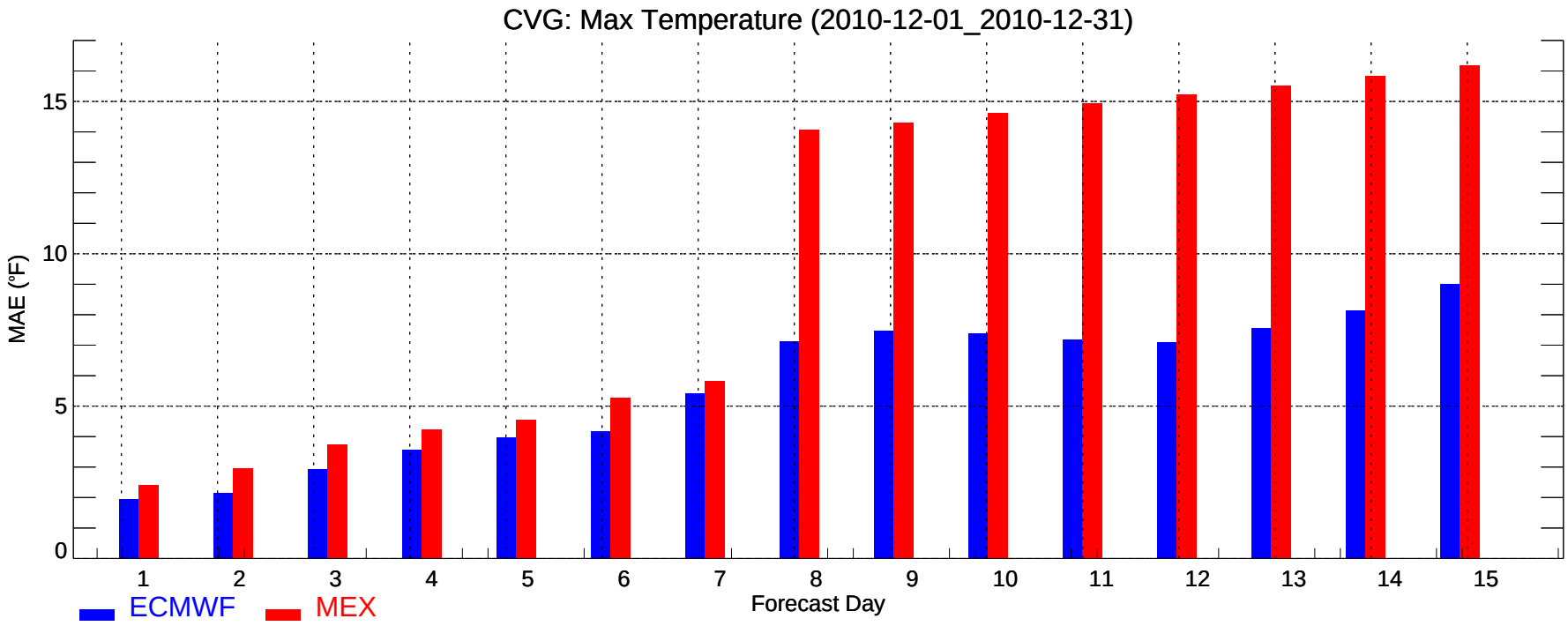

CRP: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

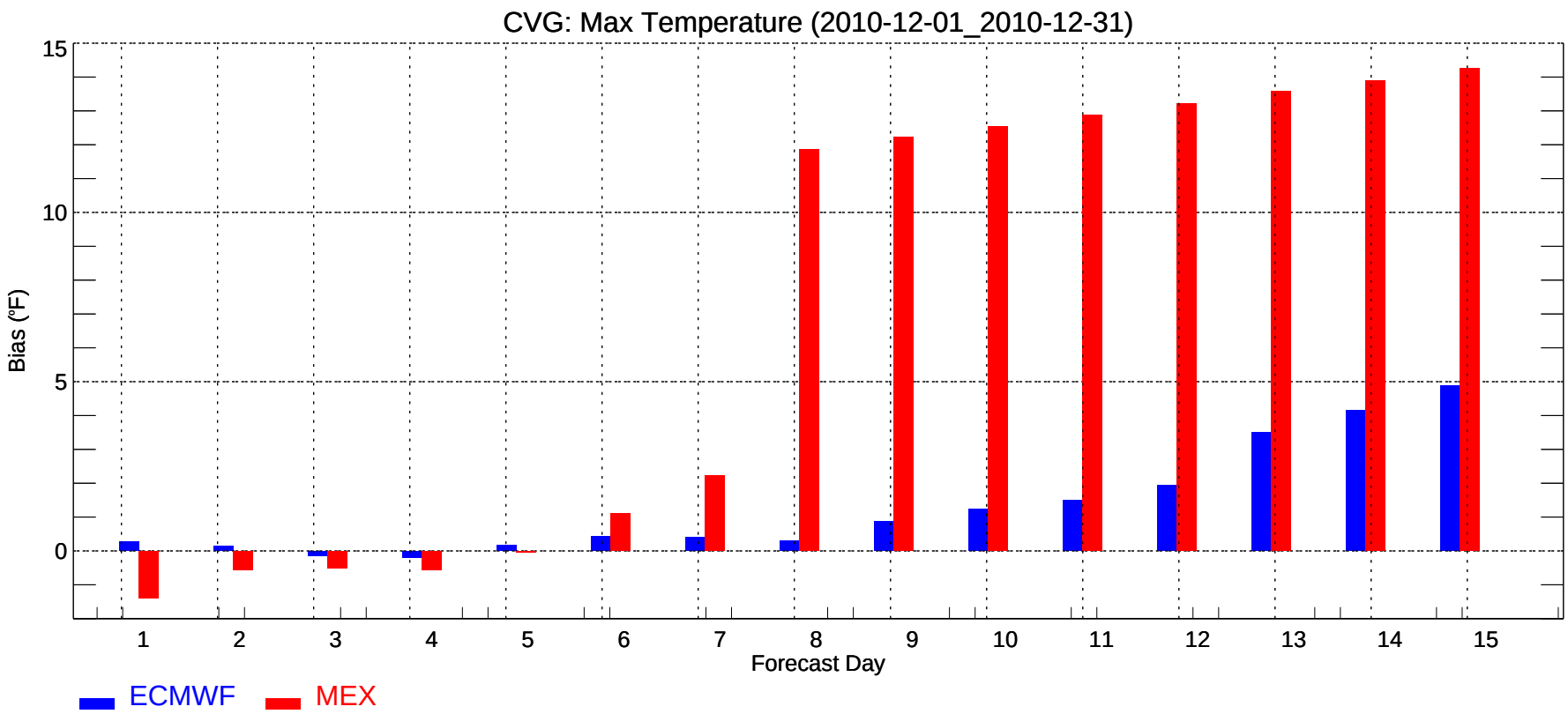

CRW: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

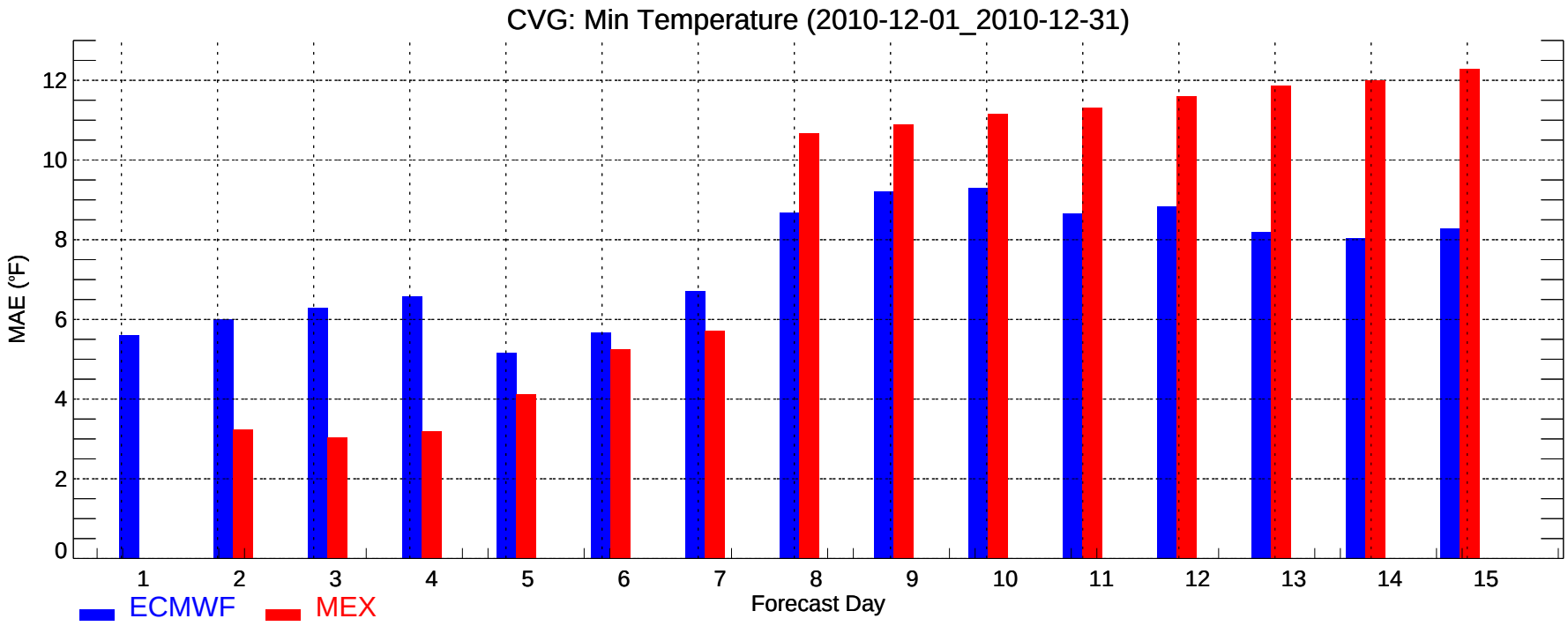

CRW: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

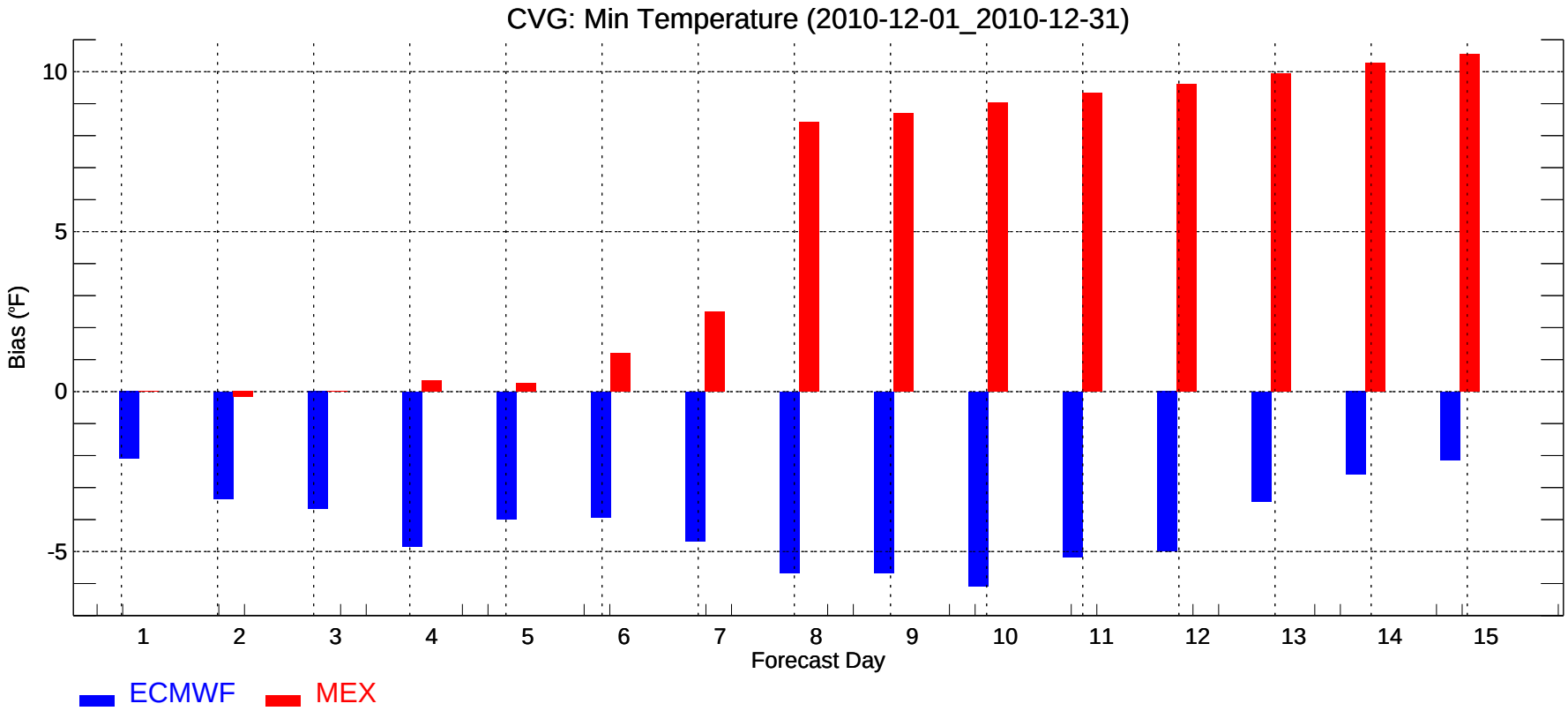

CRW: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

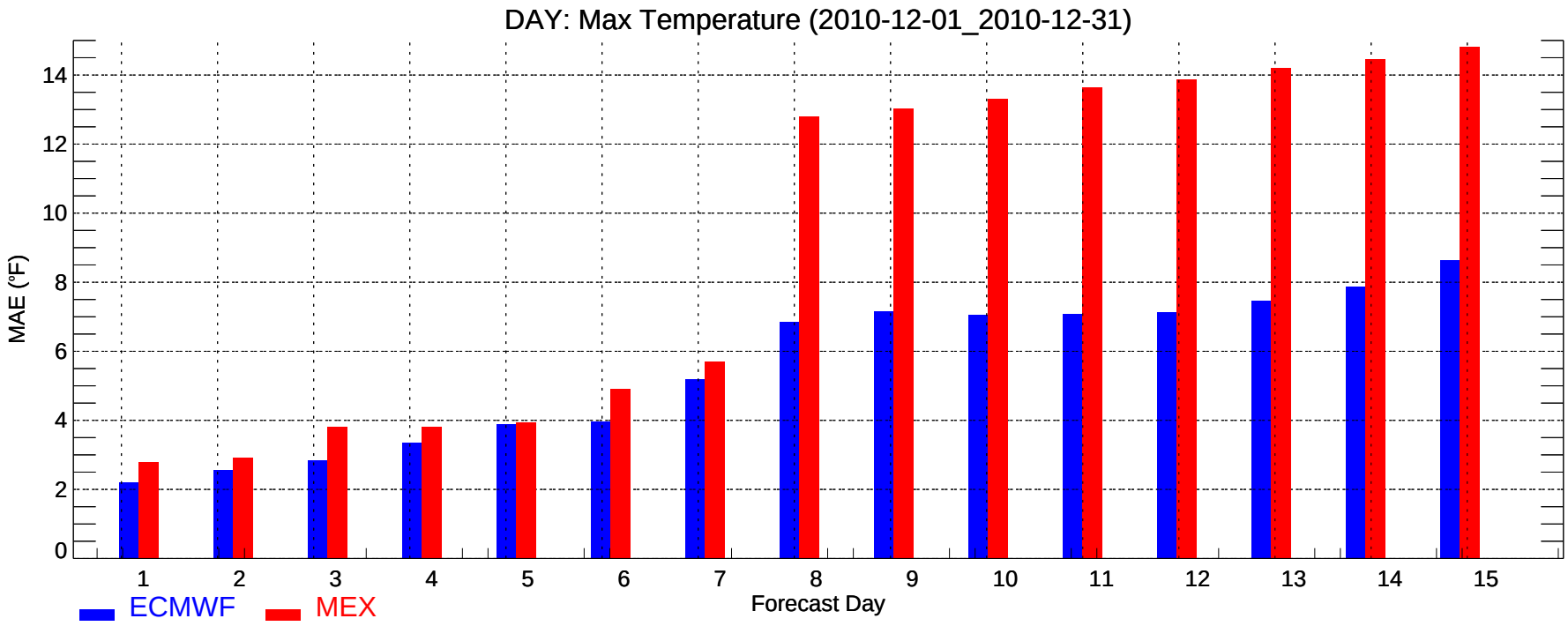

CRW: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
8
6
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

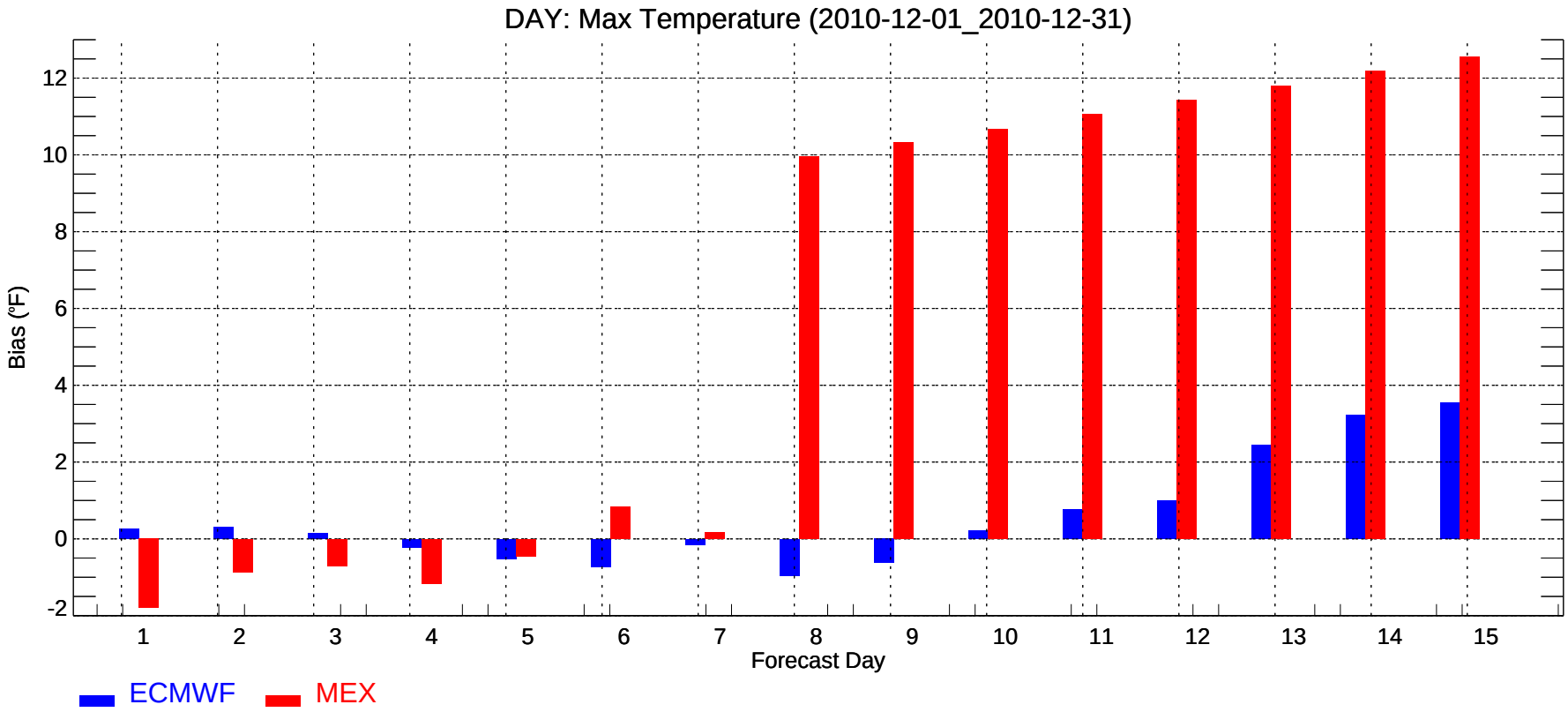

CVG: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

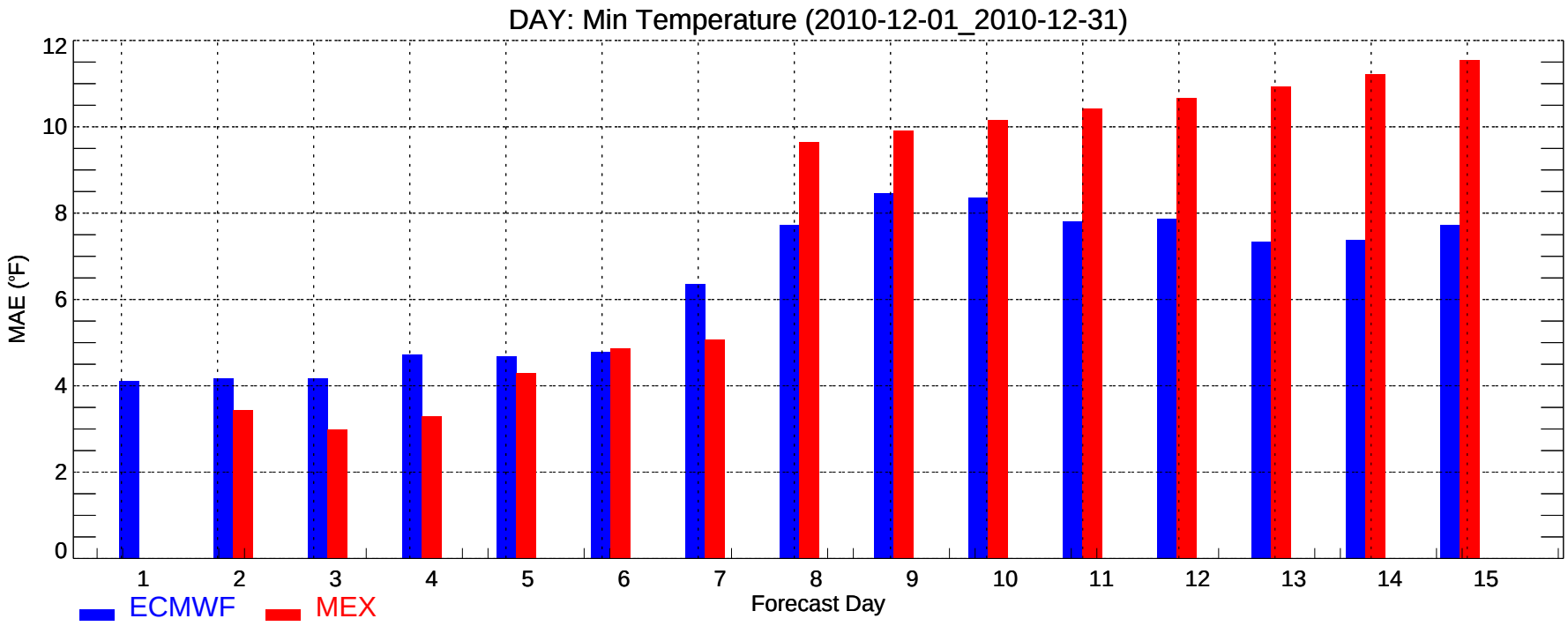

CVG: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

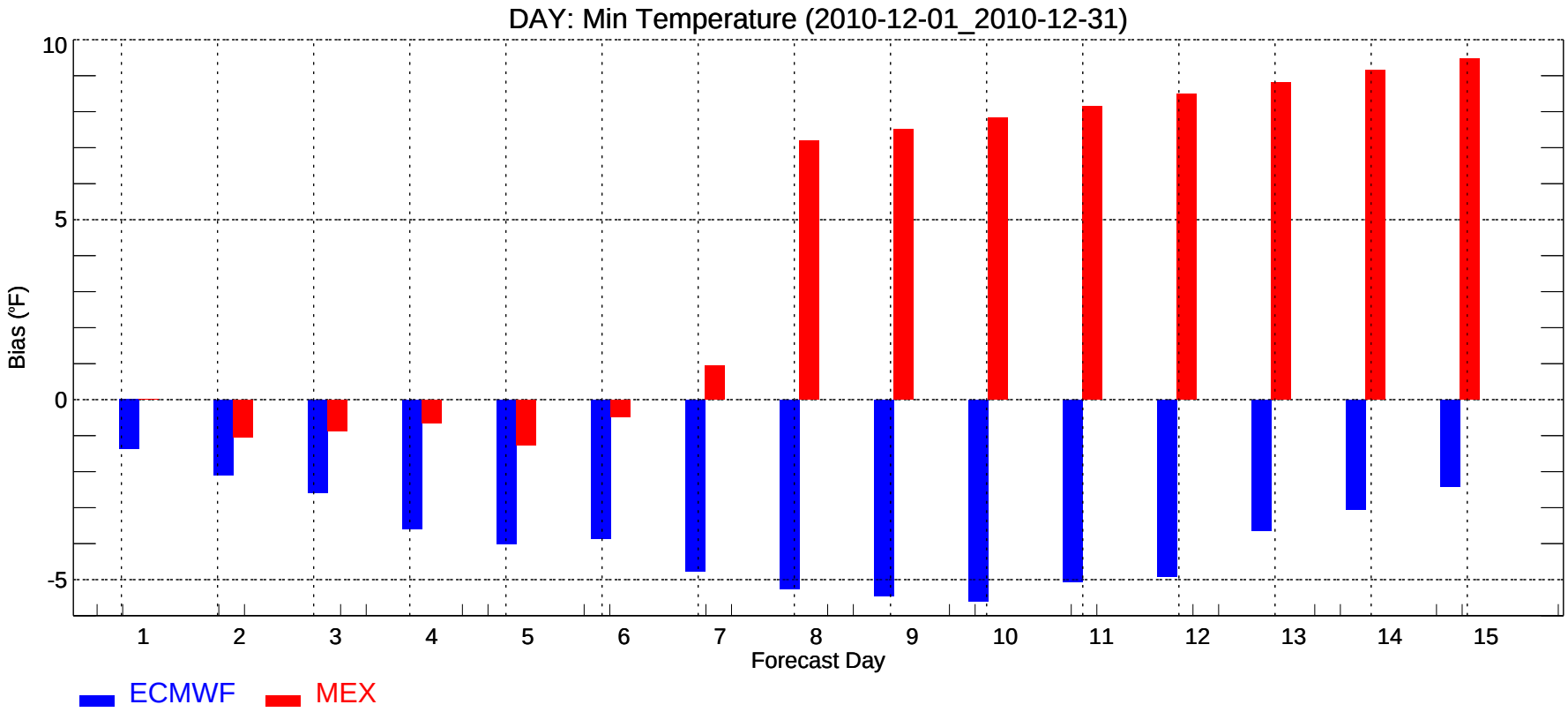

CVG: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

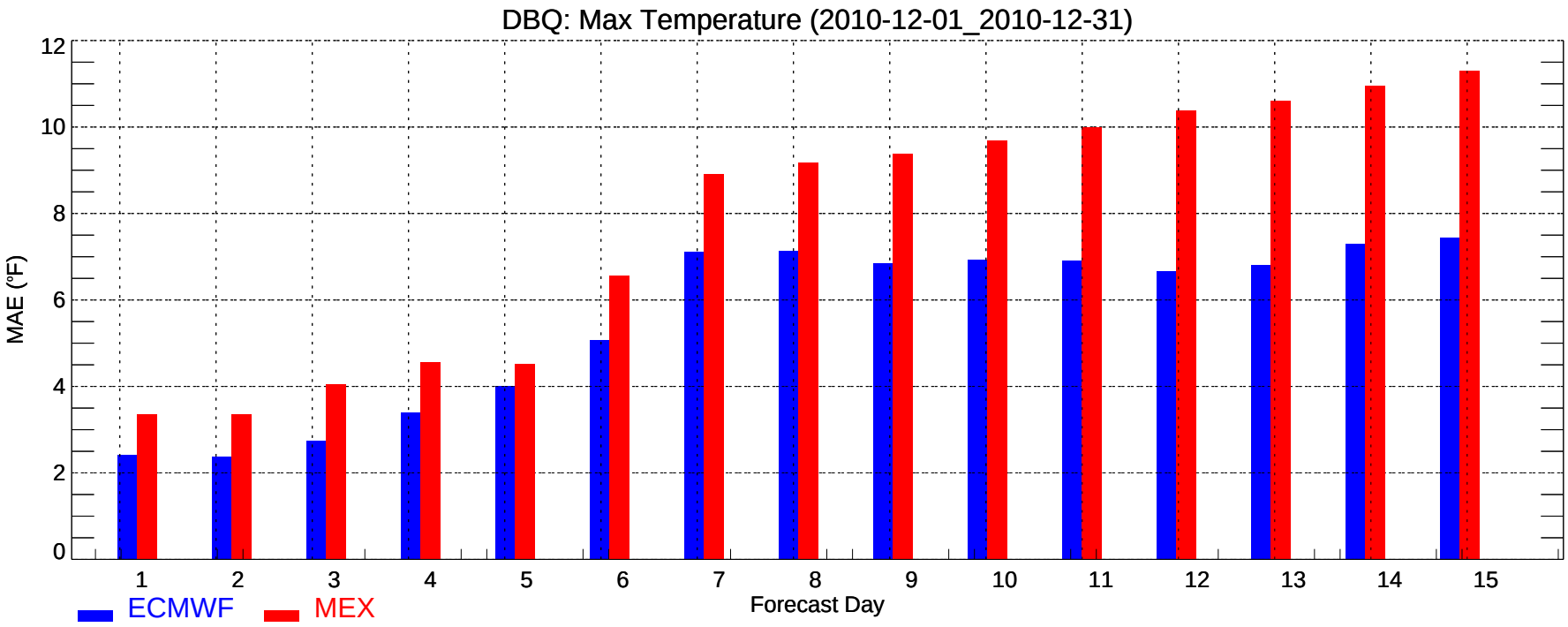

CVG: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-5
0
5
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

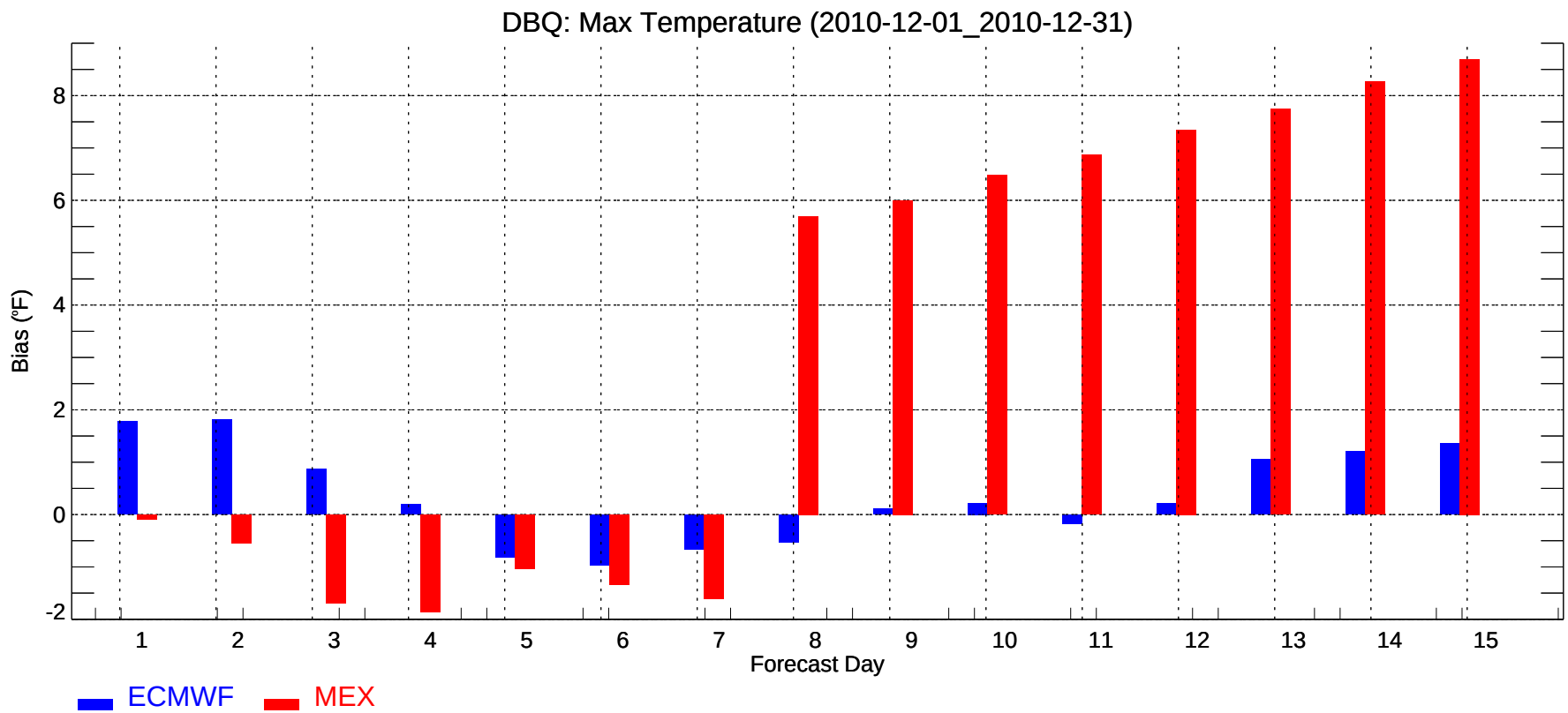

DAY: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

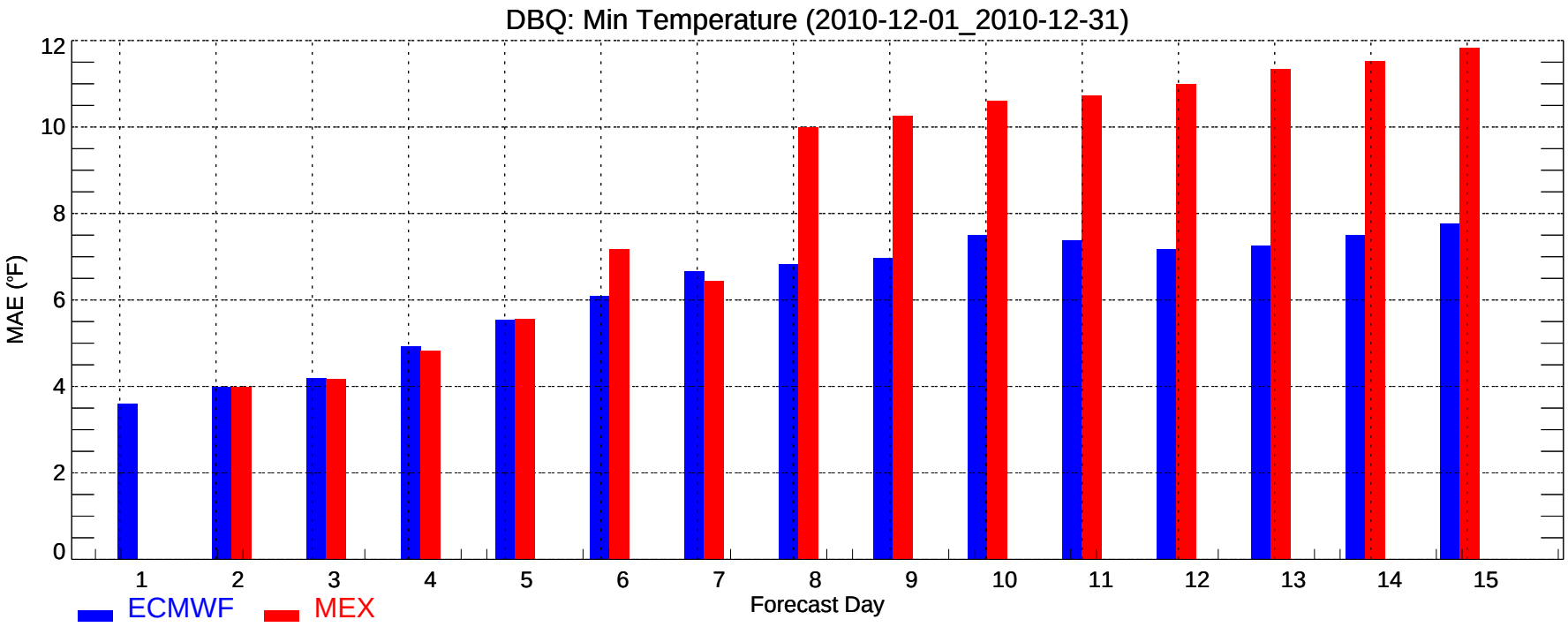

DAY: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

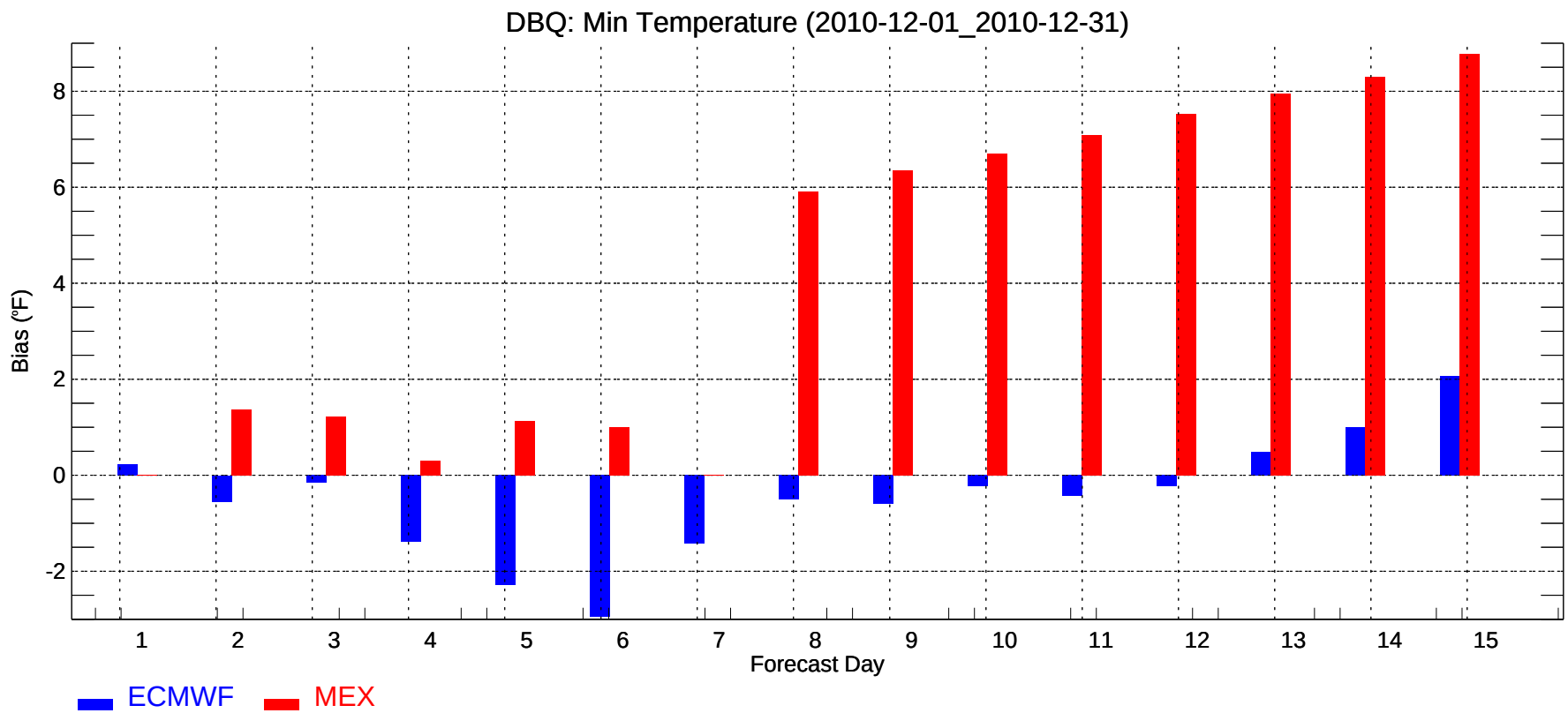

DAY: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

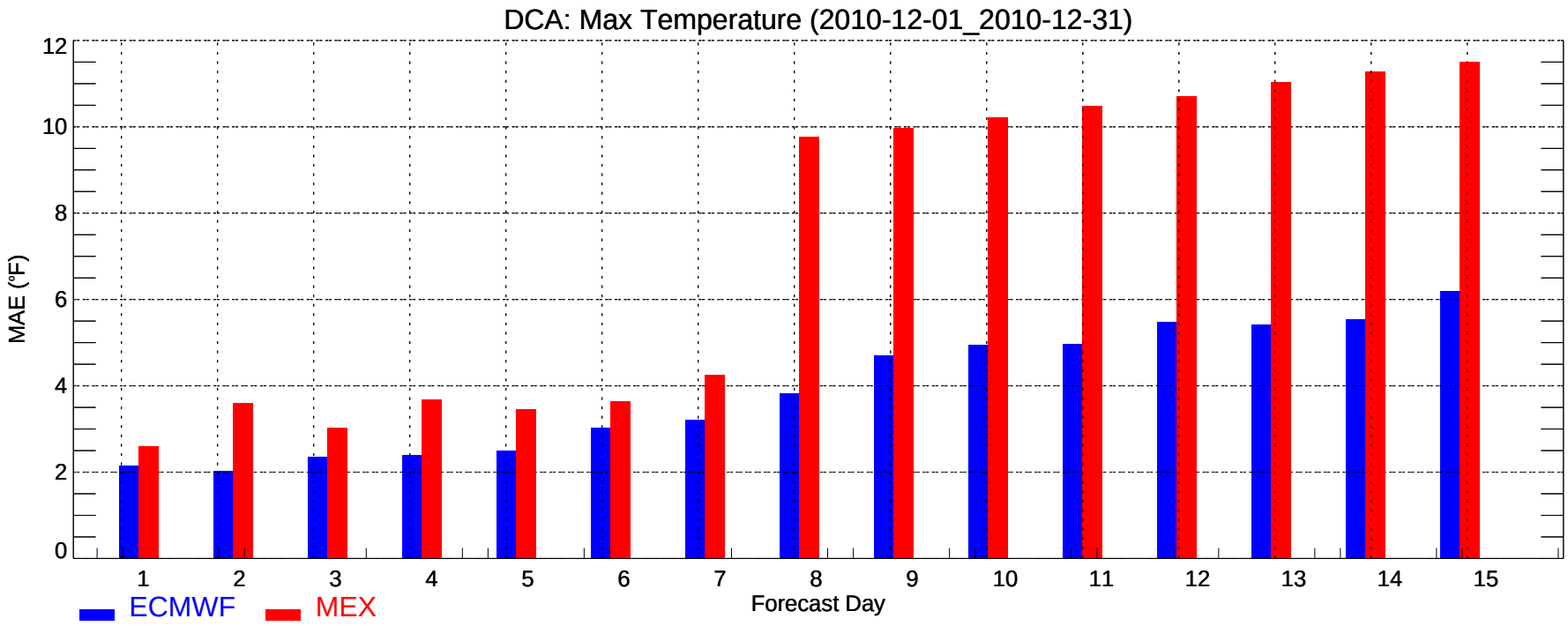

DAY: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-5
0
5
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

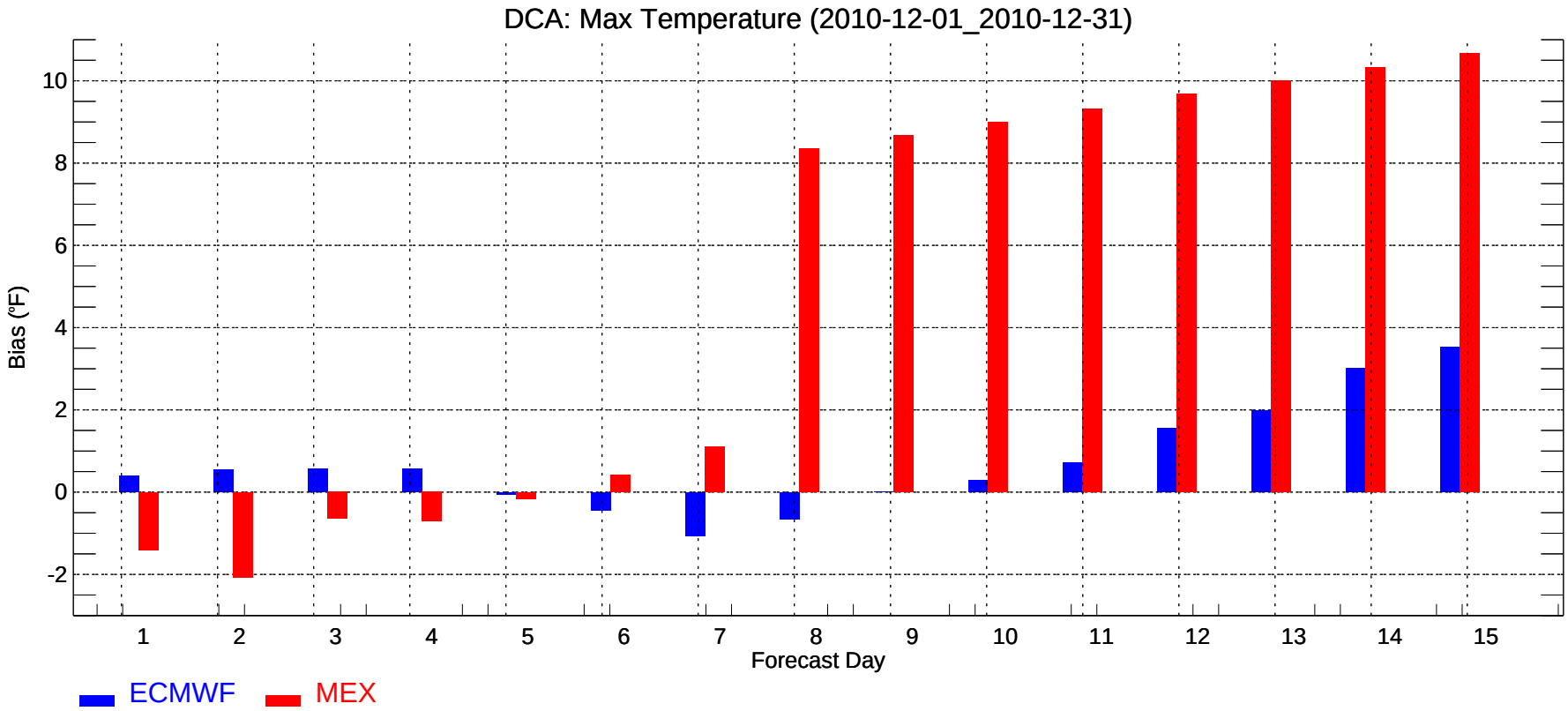

DBQ: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

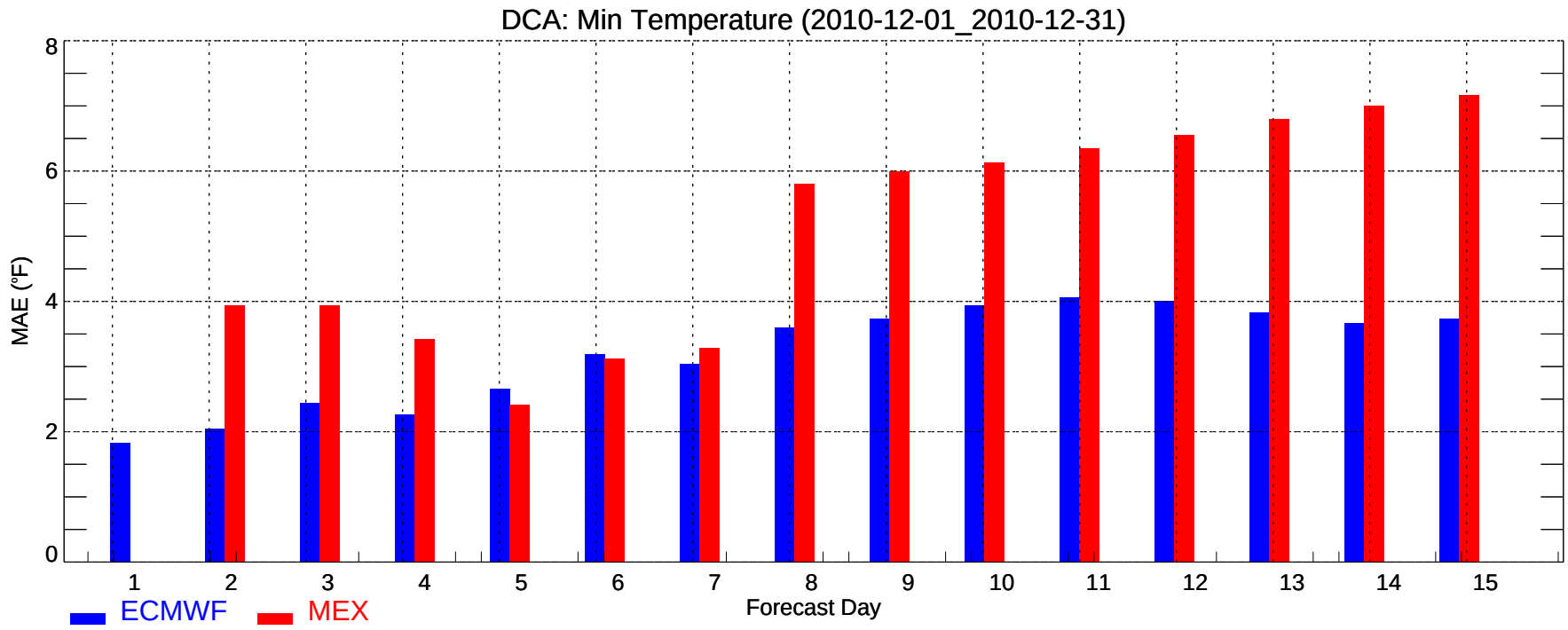

DBQ: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

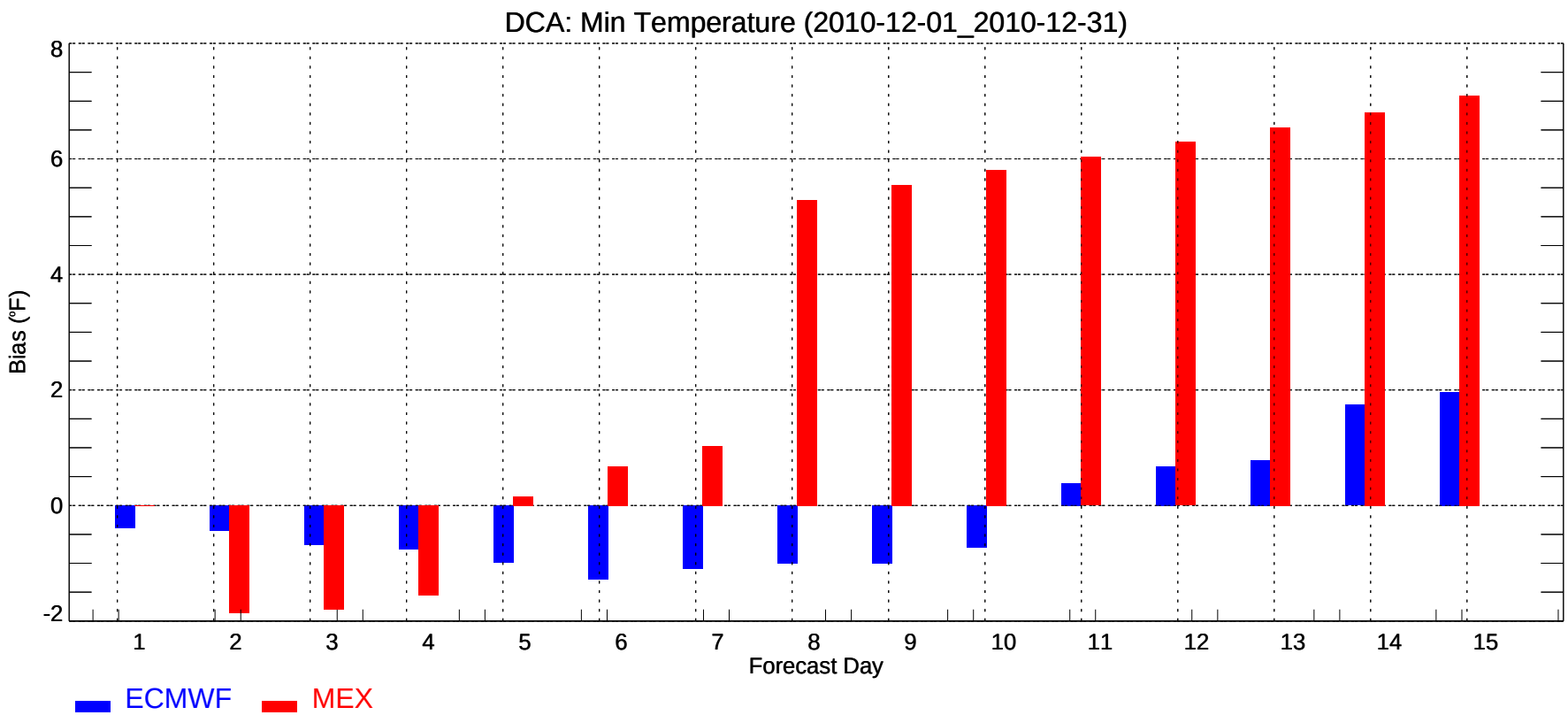

DBQ: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

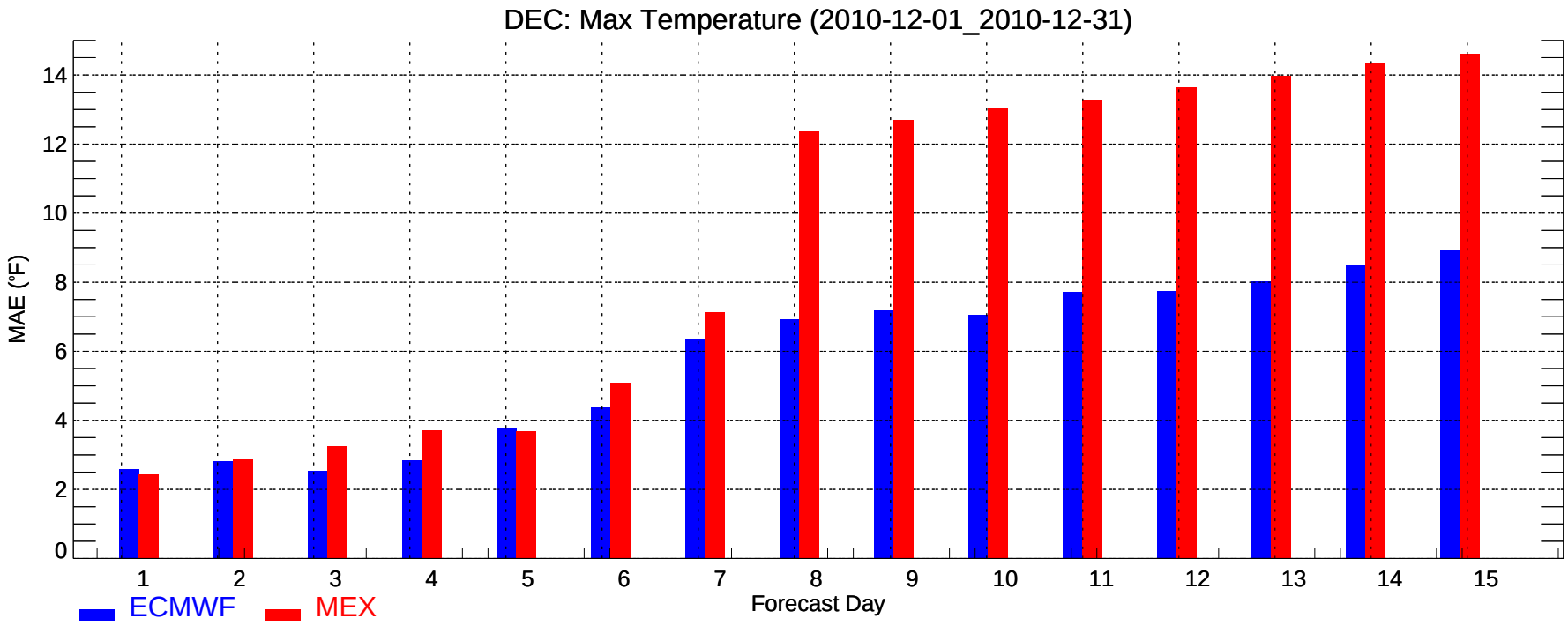

DBQ: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

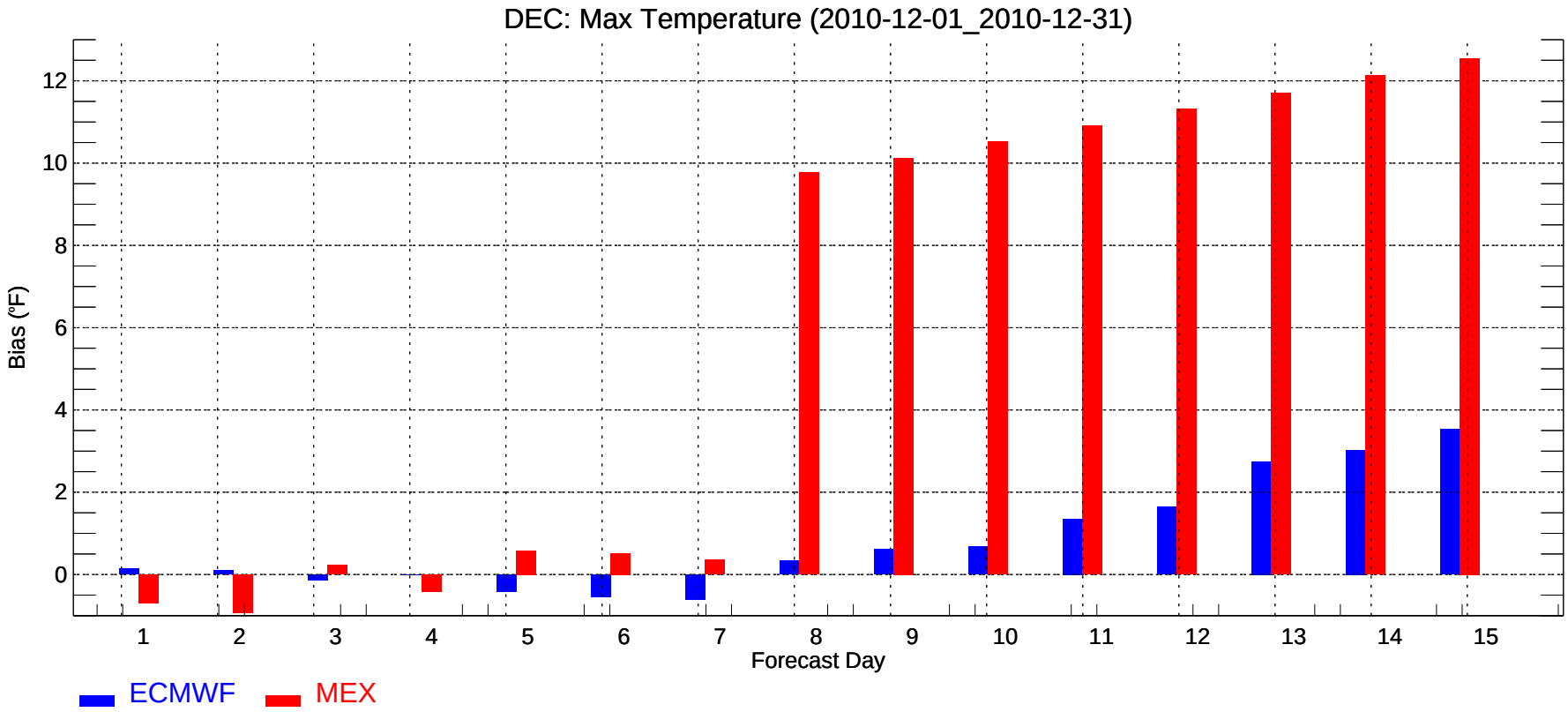

DCA: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

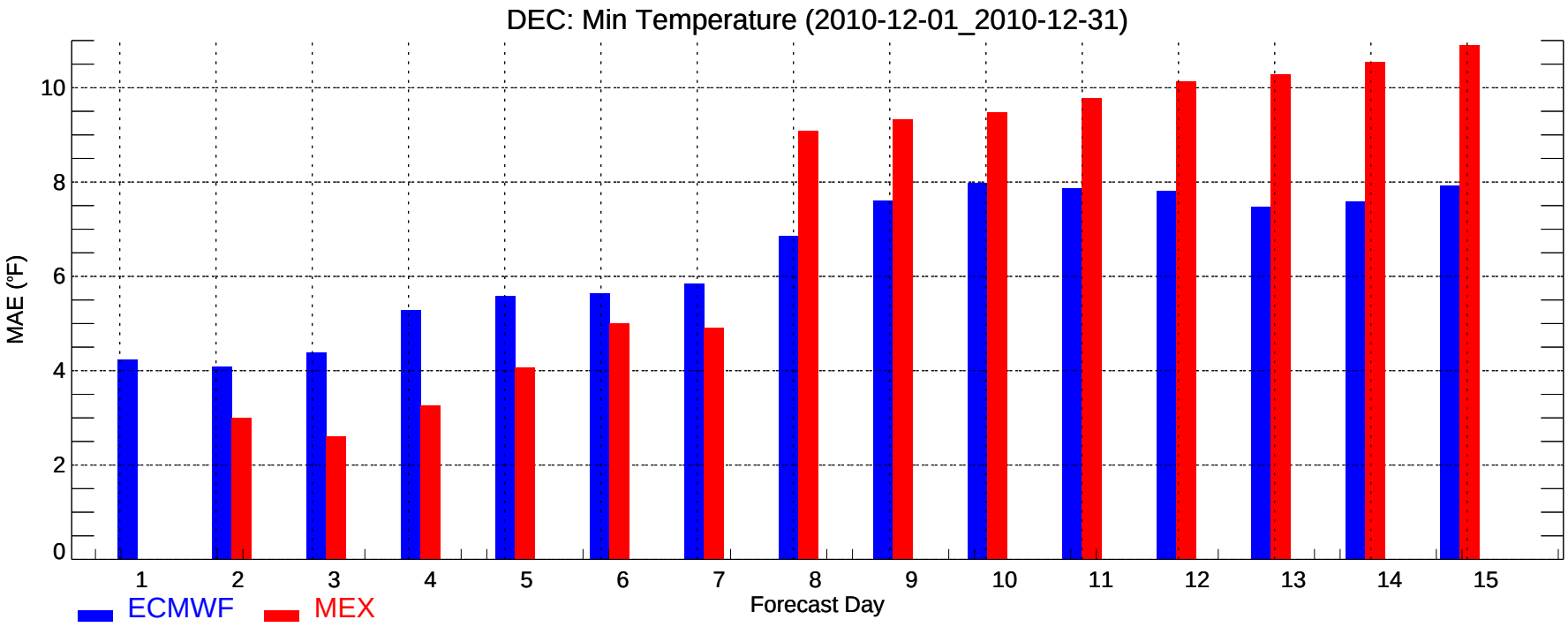

DCA: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

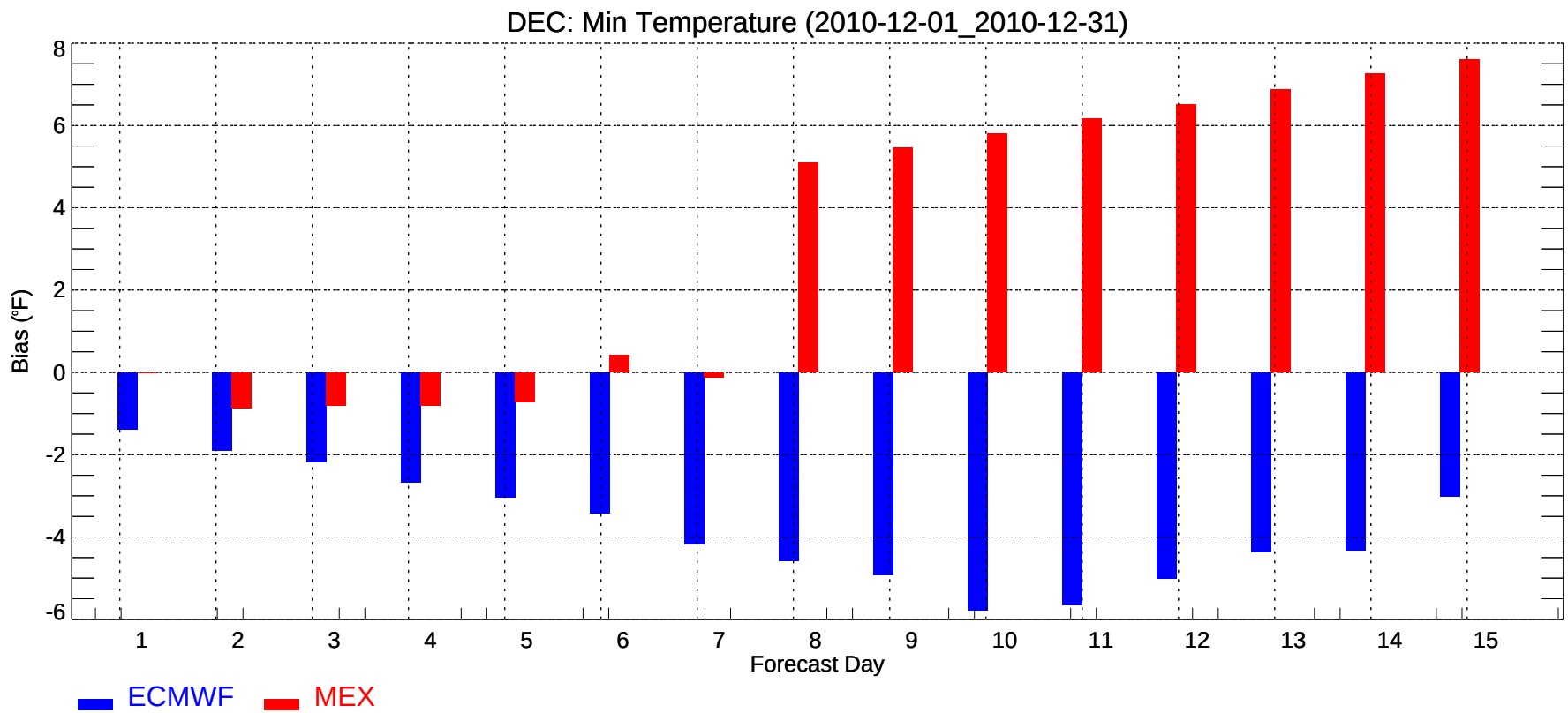

DCA: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

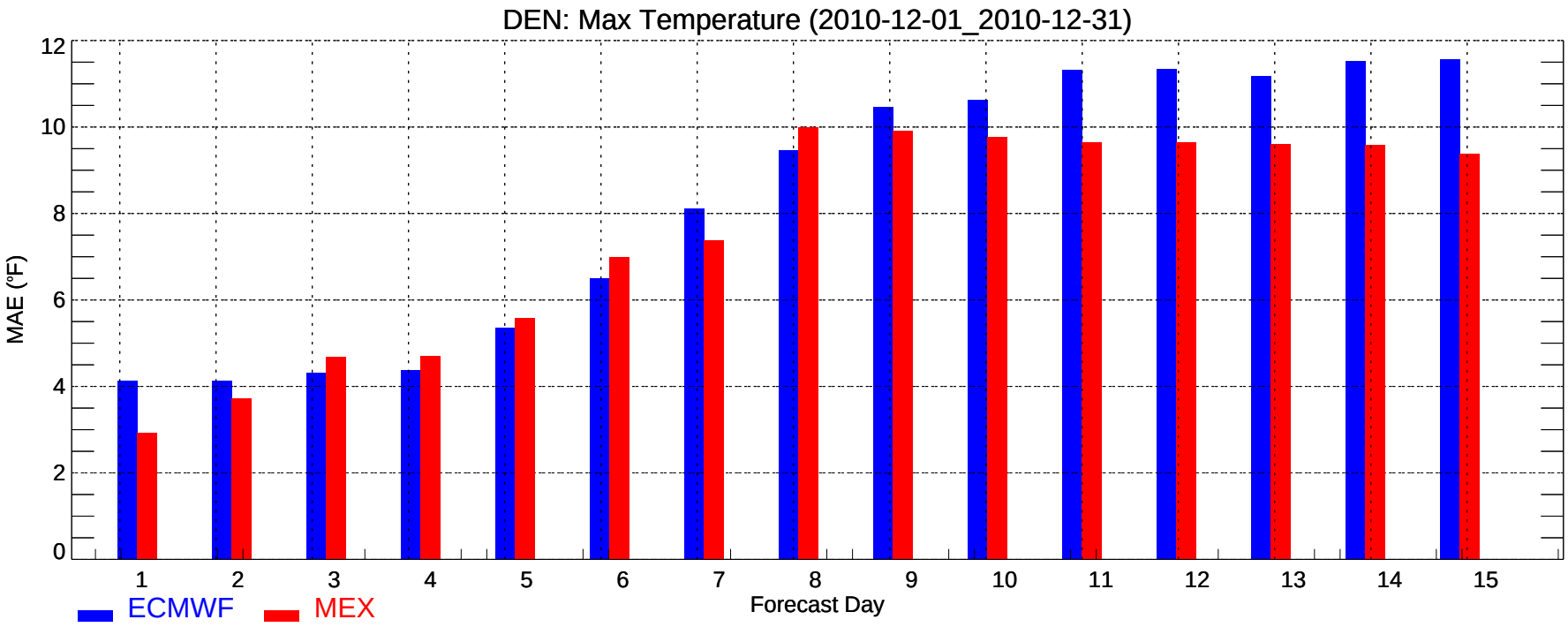

DCA: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

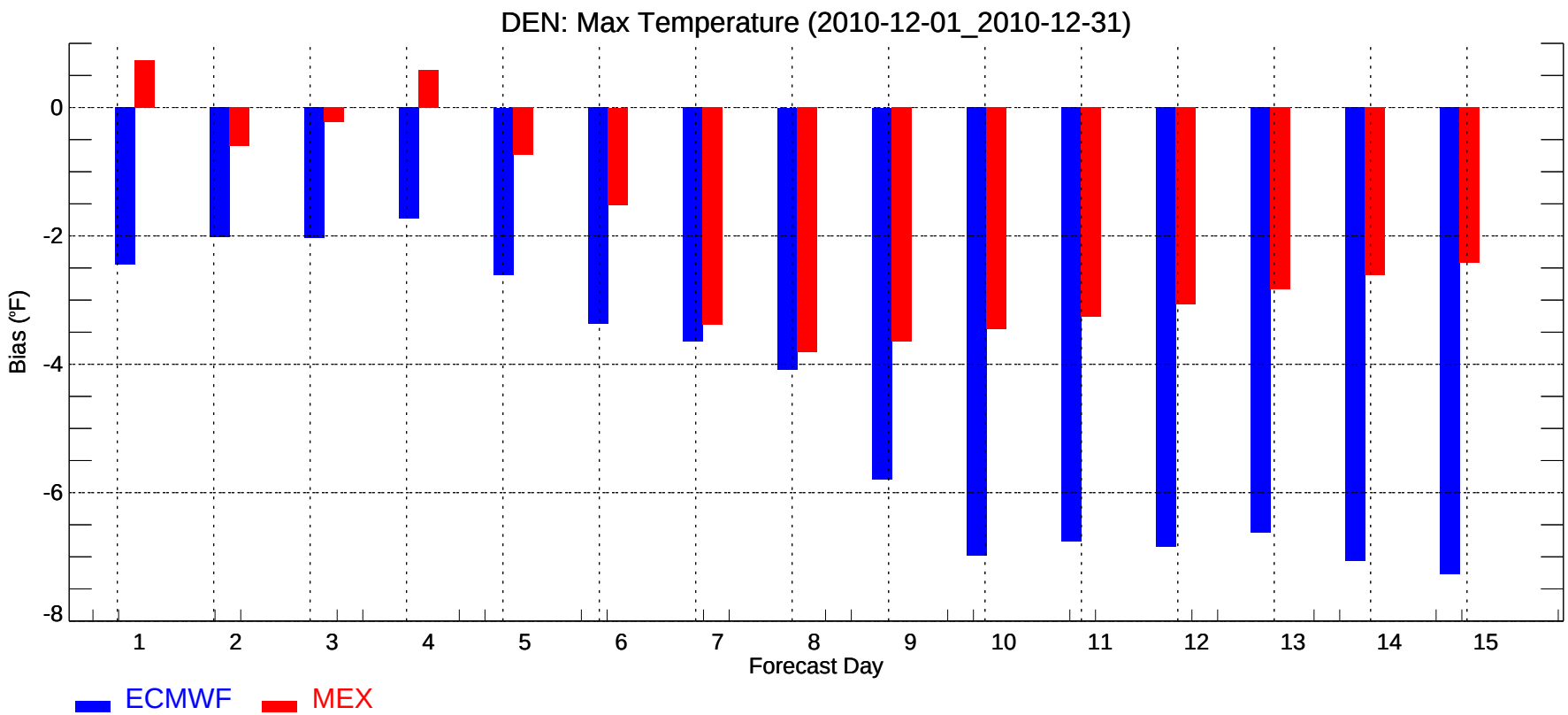

DEC: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

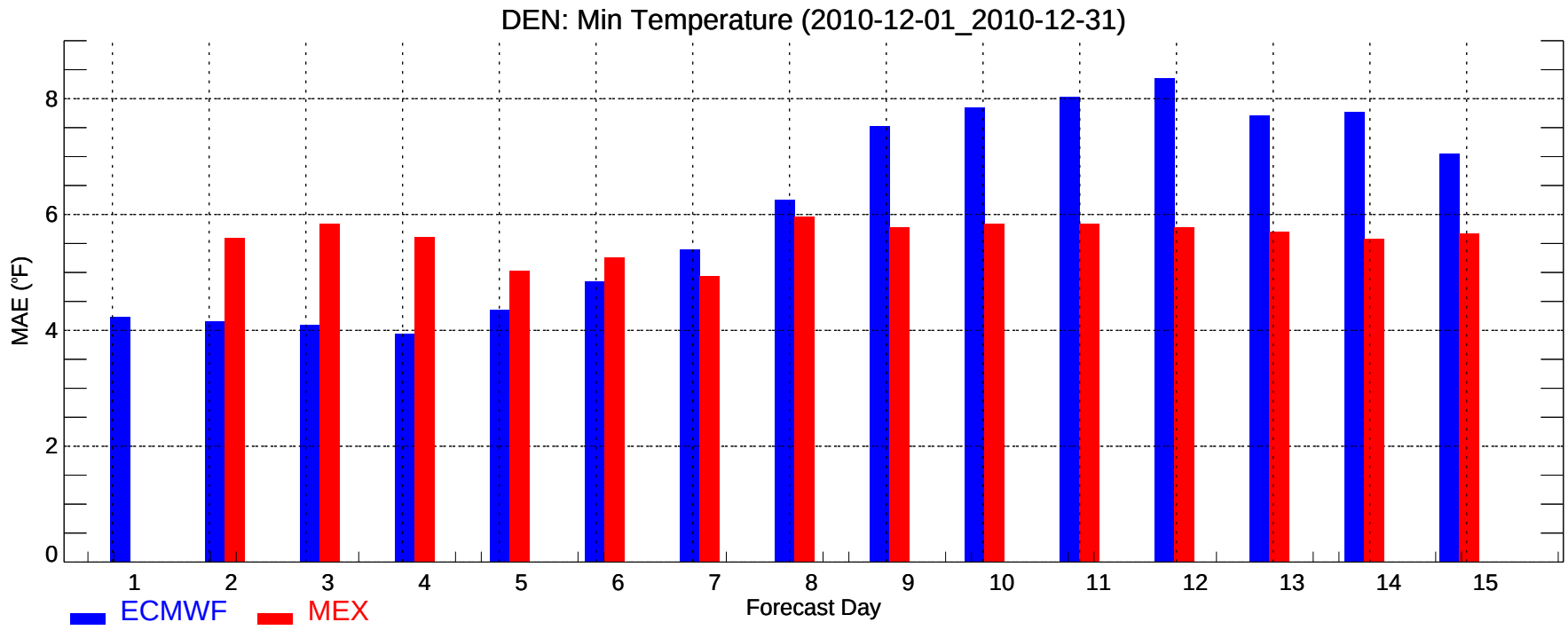

DEC: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

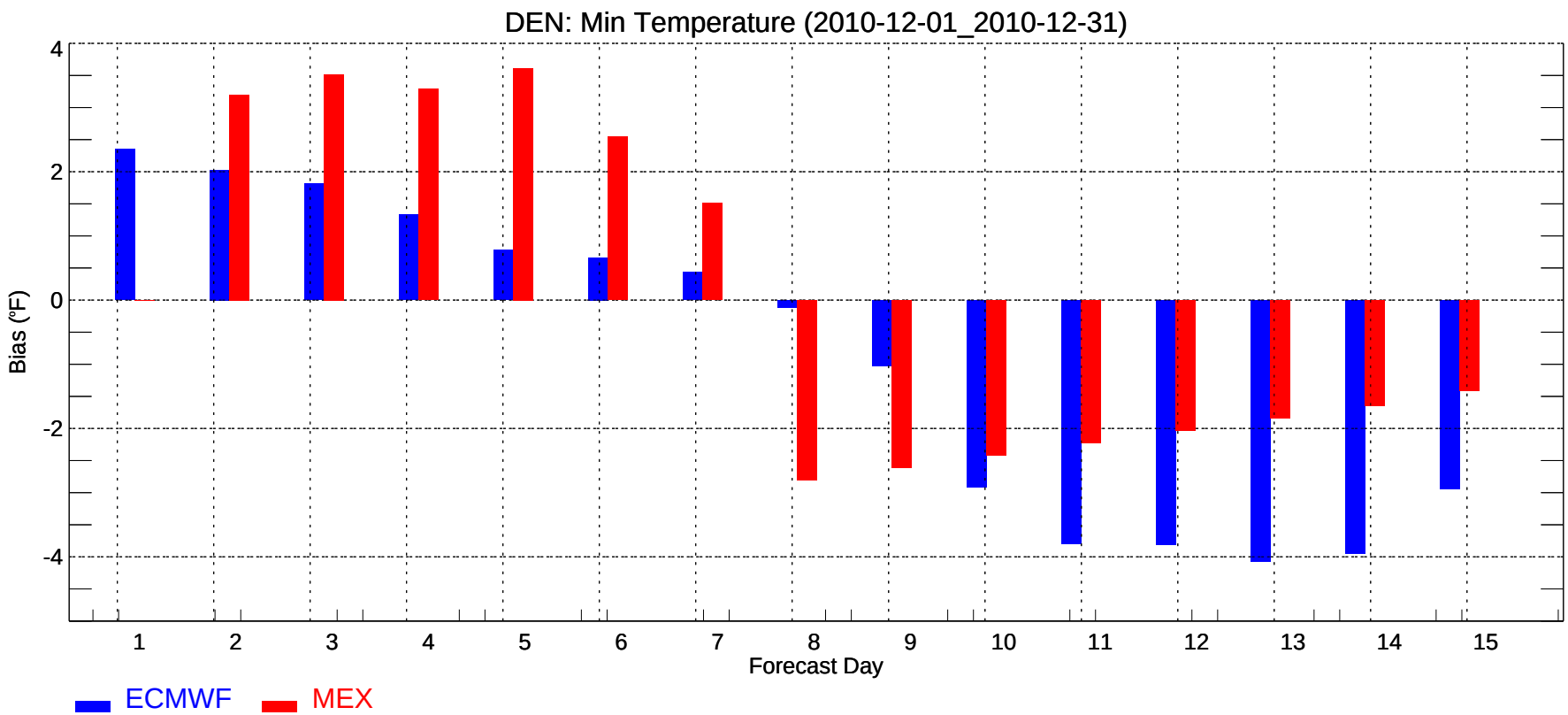

DEC: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

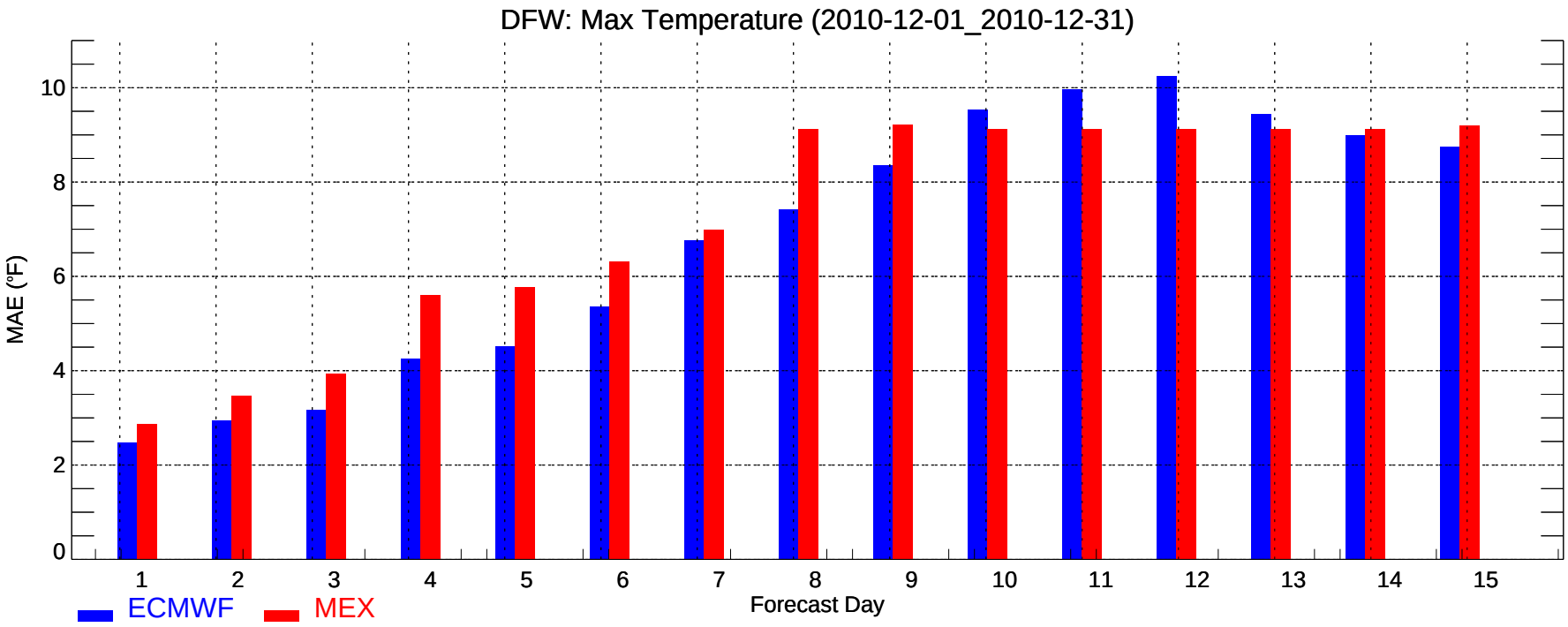

DEC: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
8
6
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

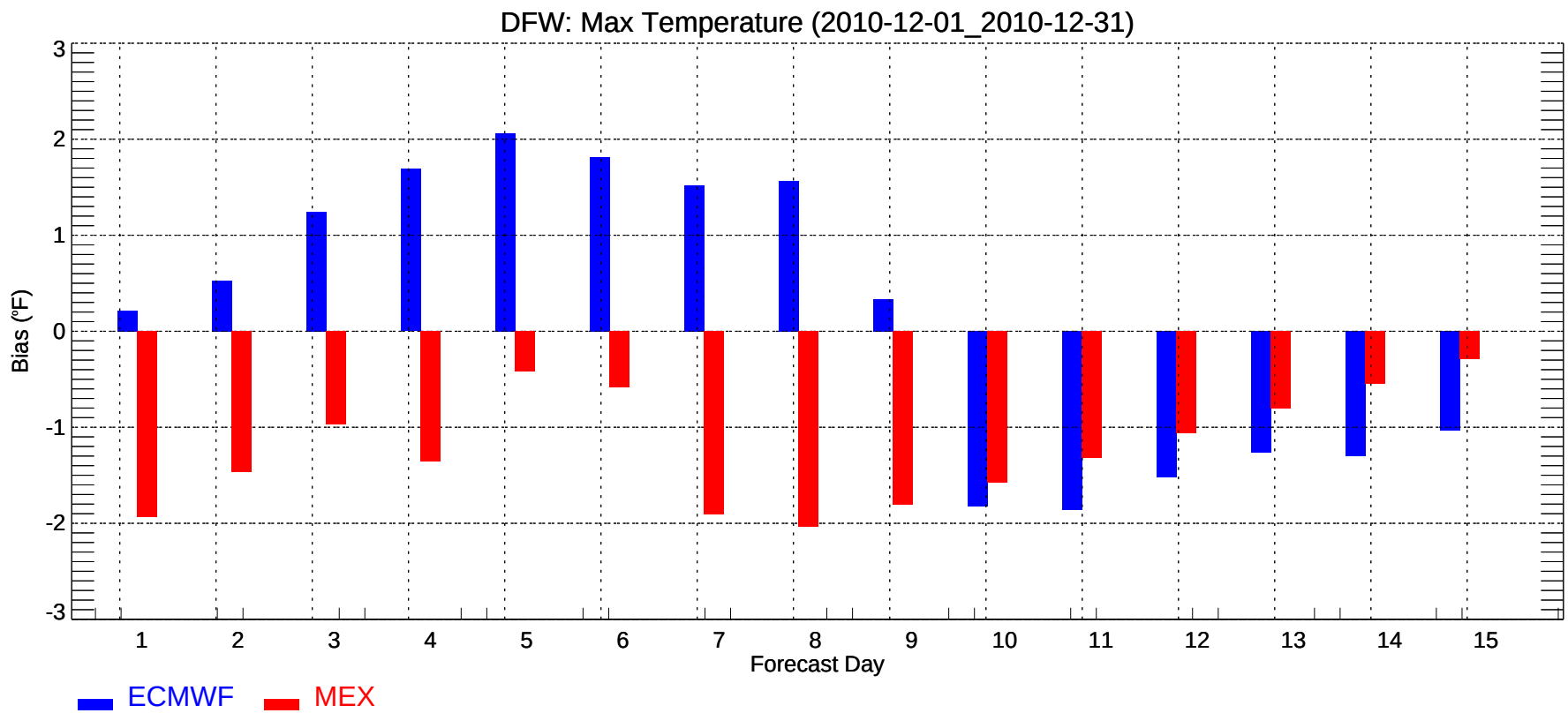

DEN: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

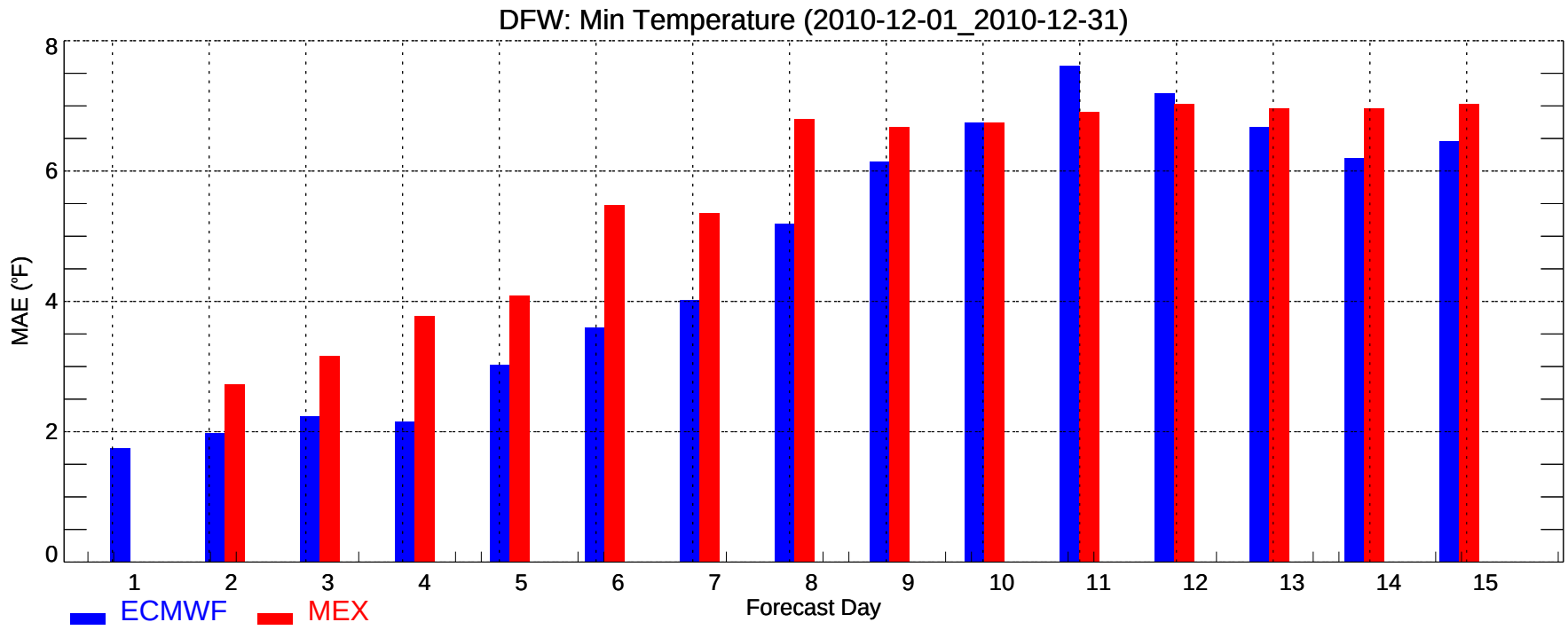

DEN: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

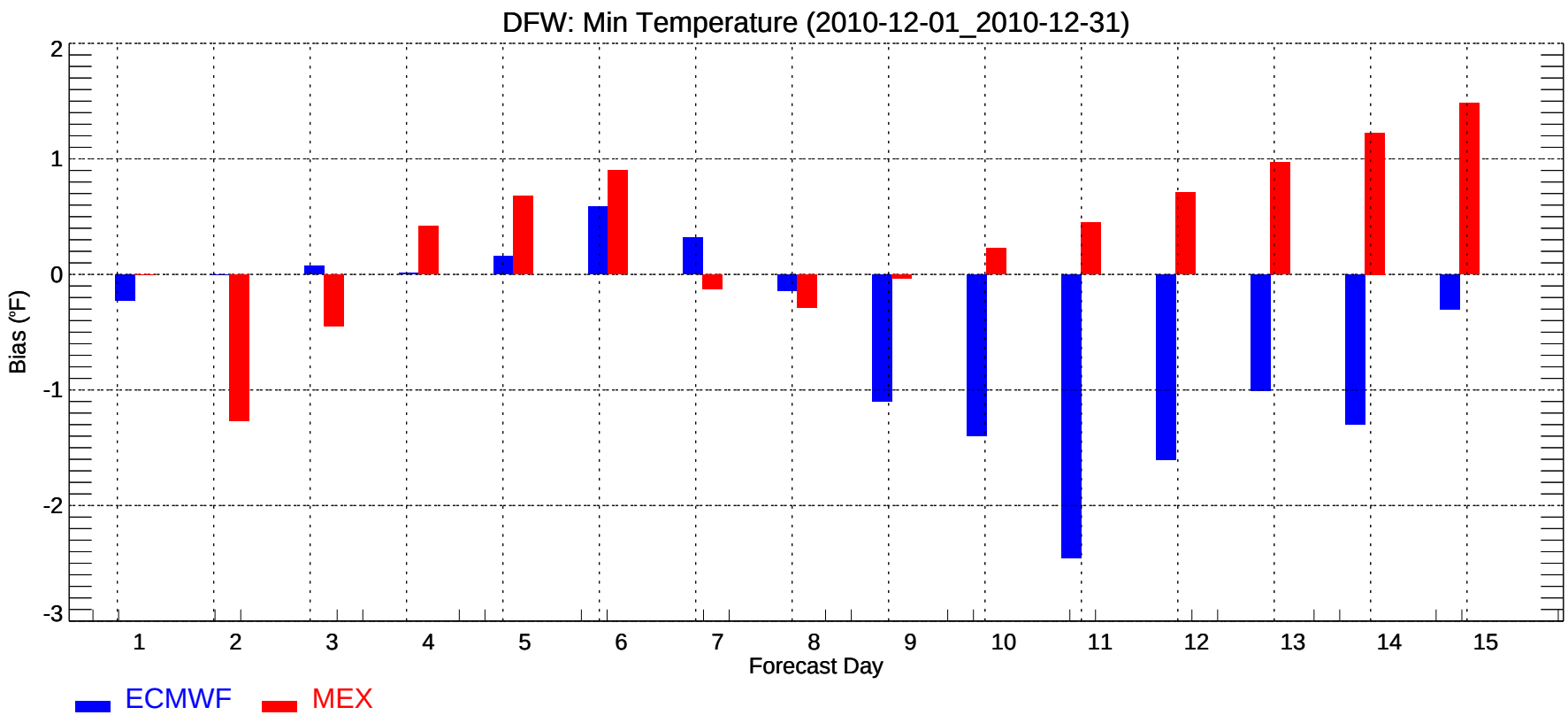

DEN: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

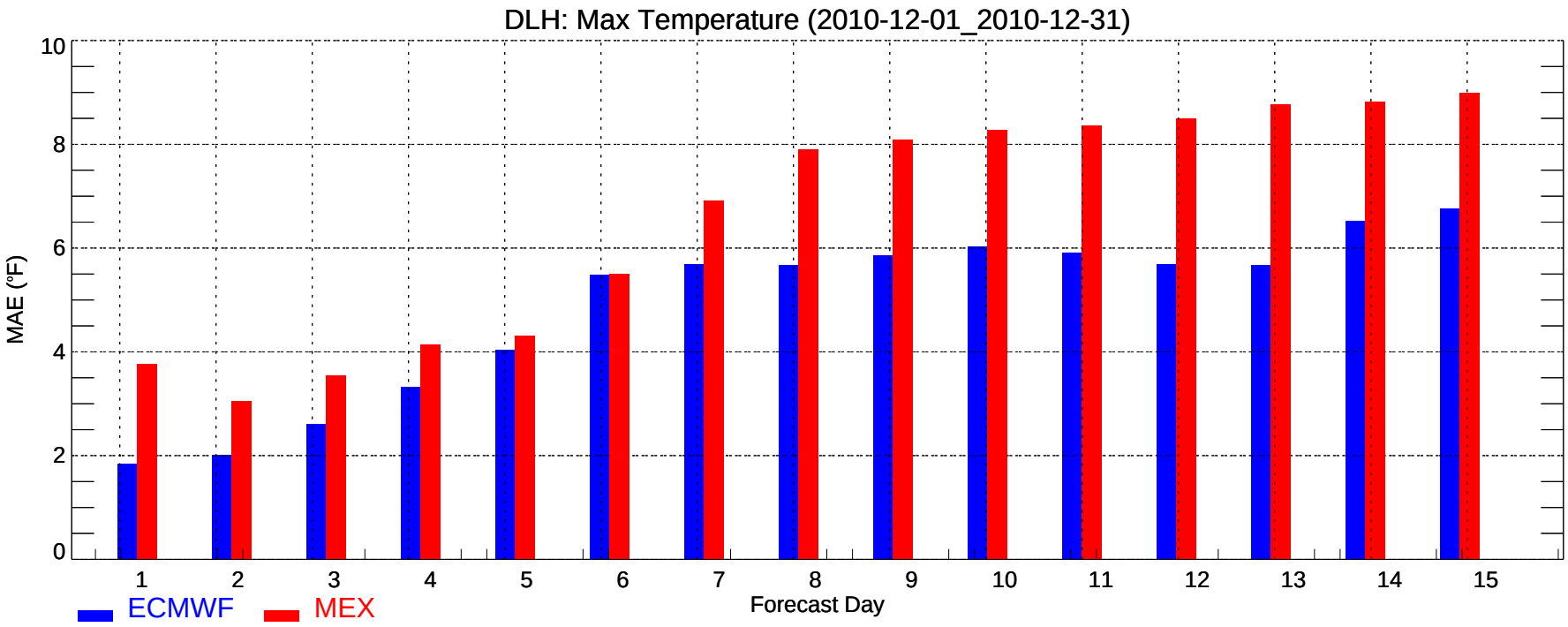

DEN: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

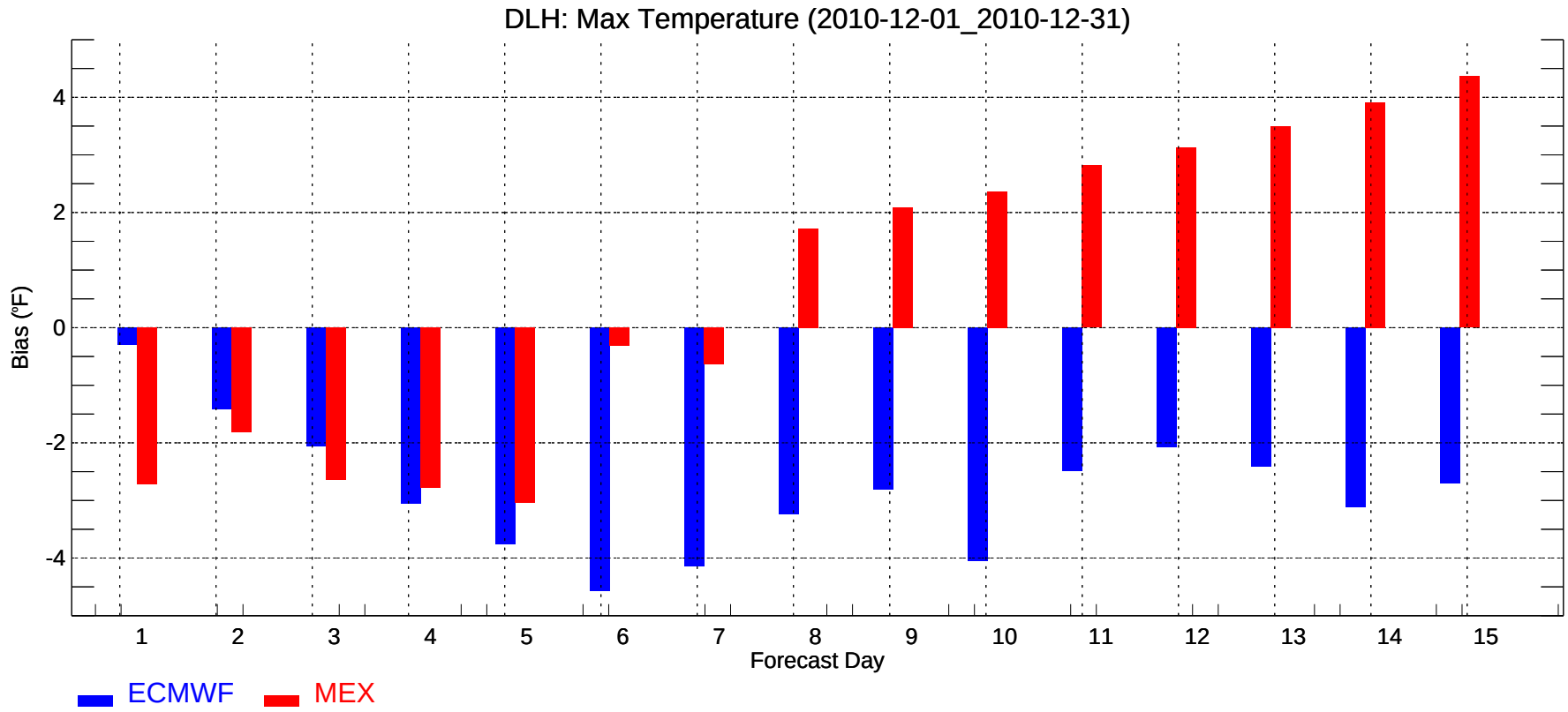

DFW: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

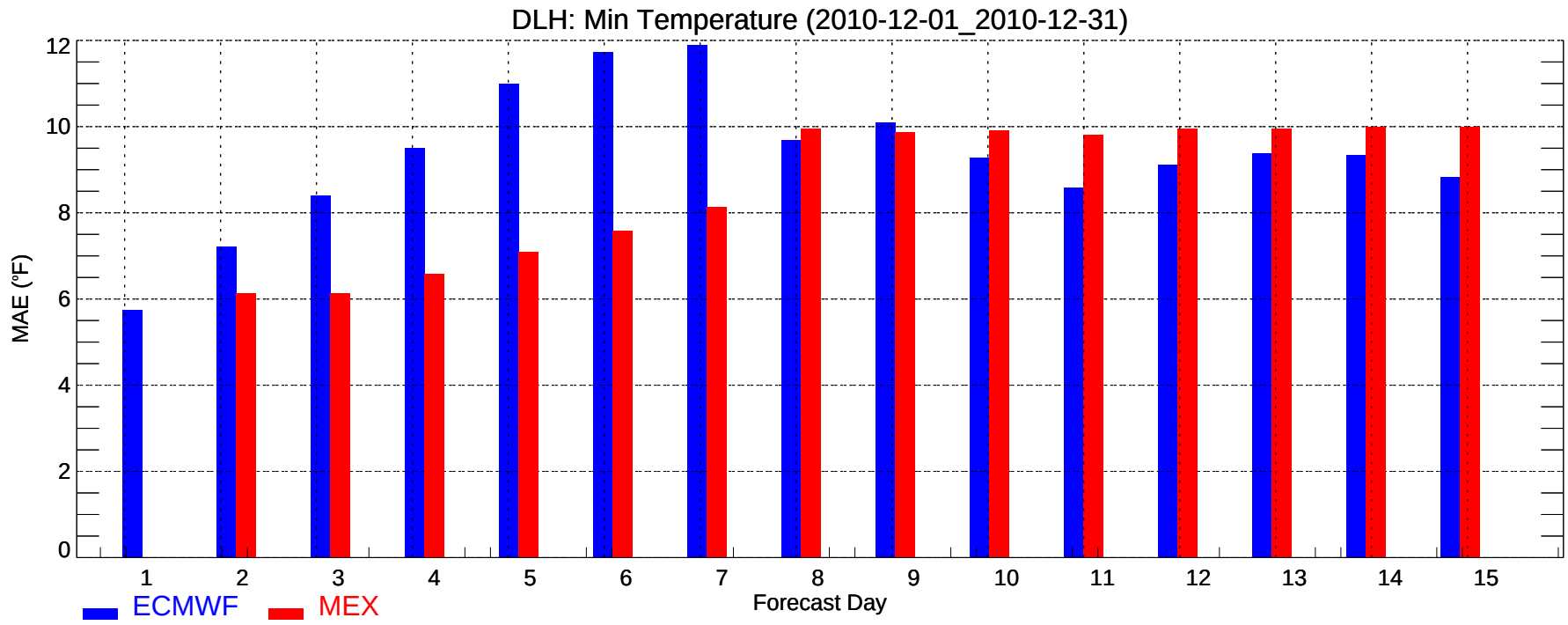

DFW: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

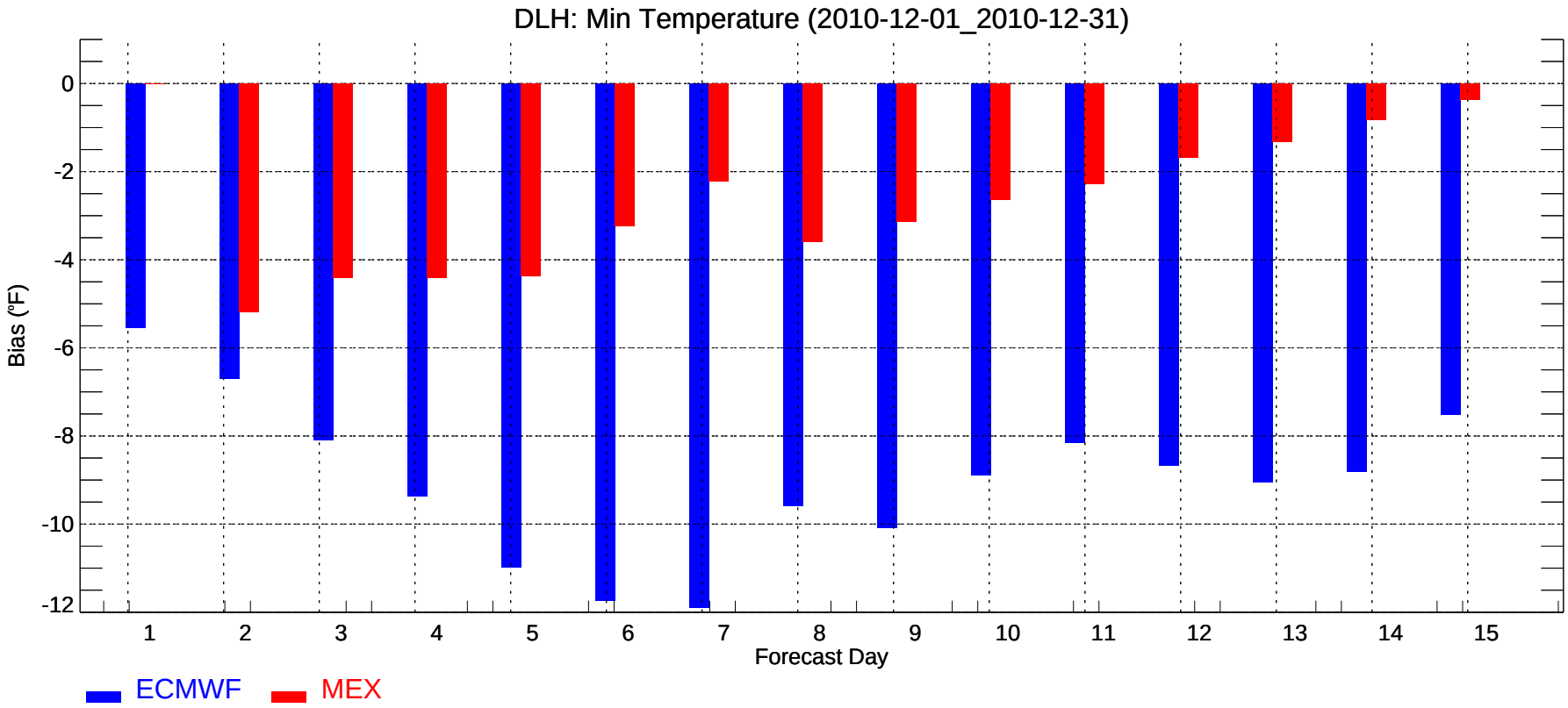

DFW: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

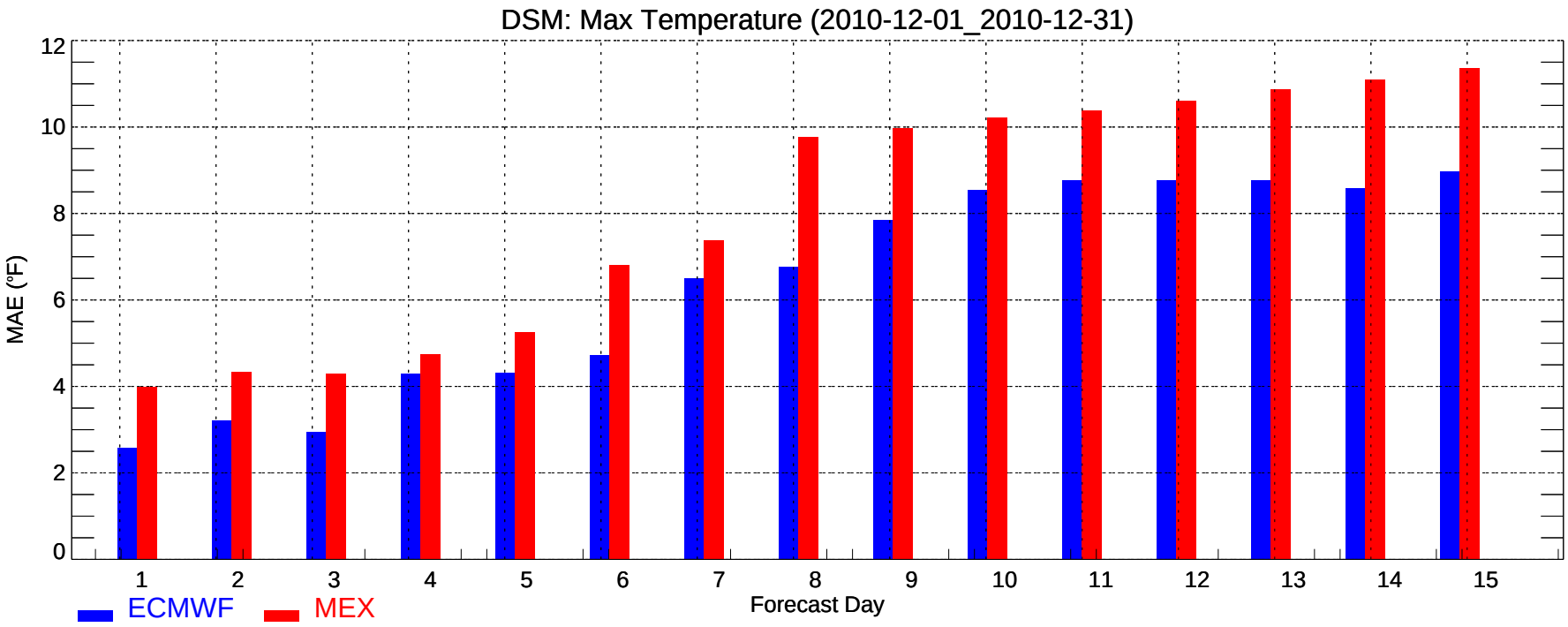

DFW: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

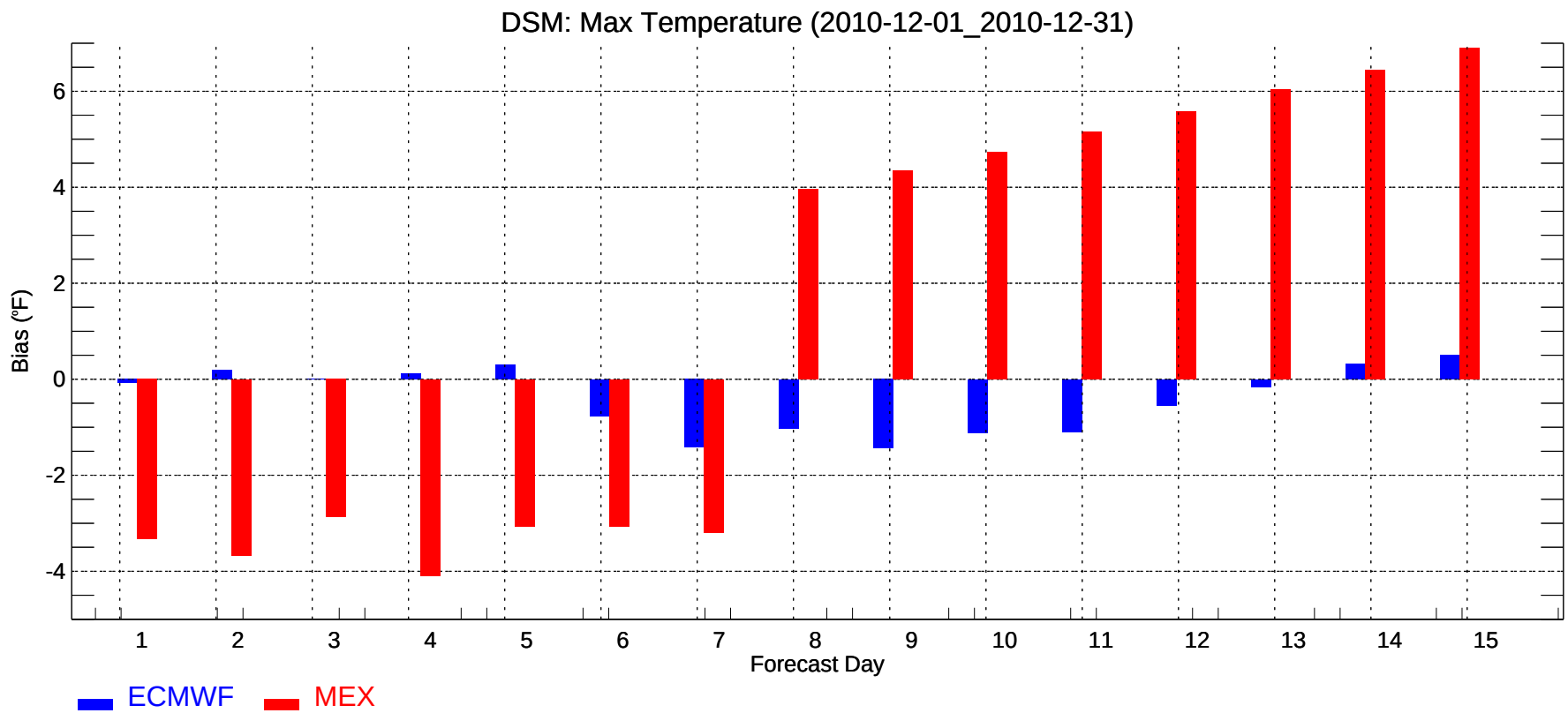

DLH: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

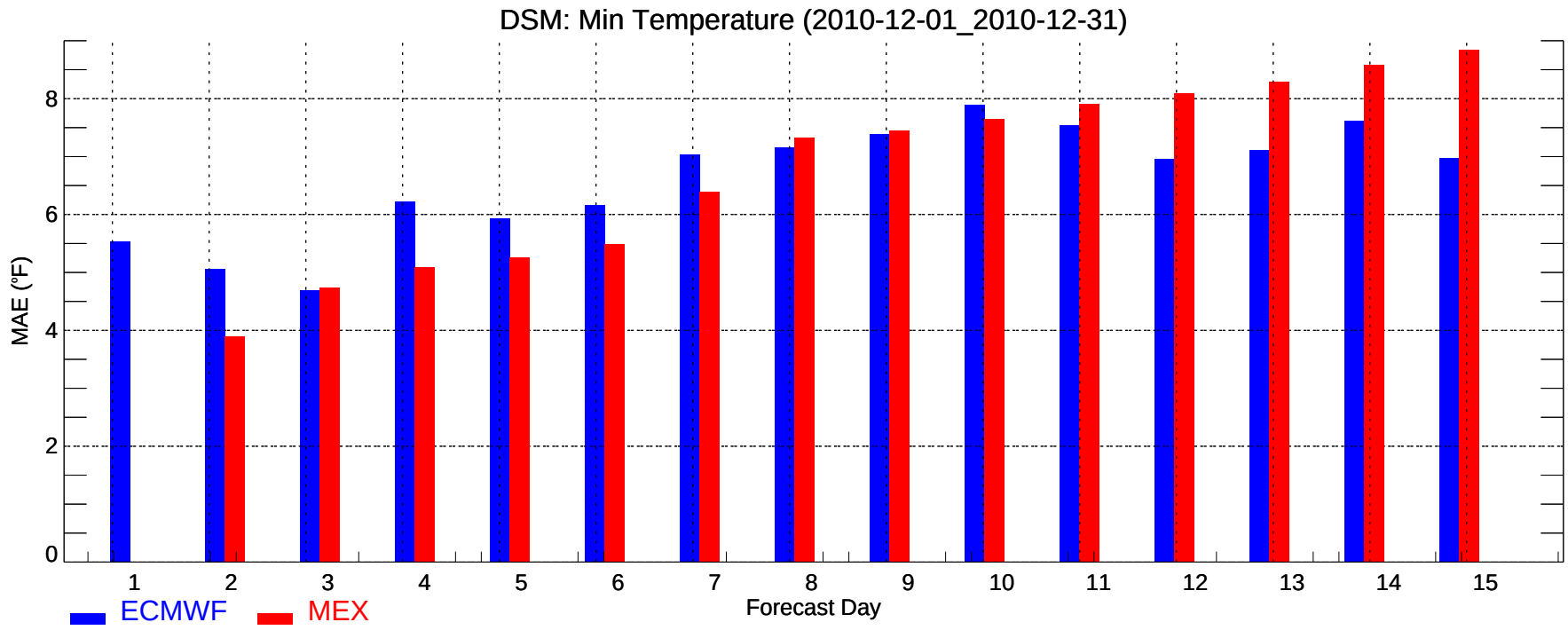

DLH: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

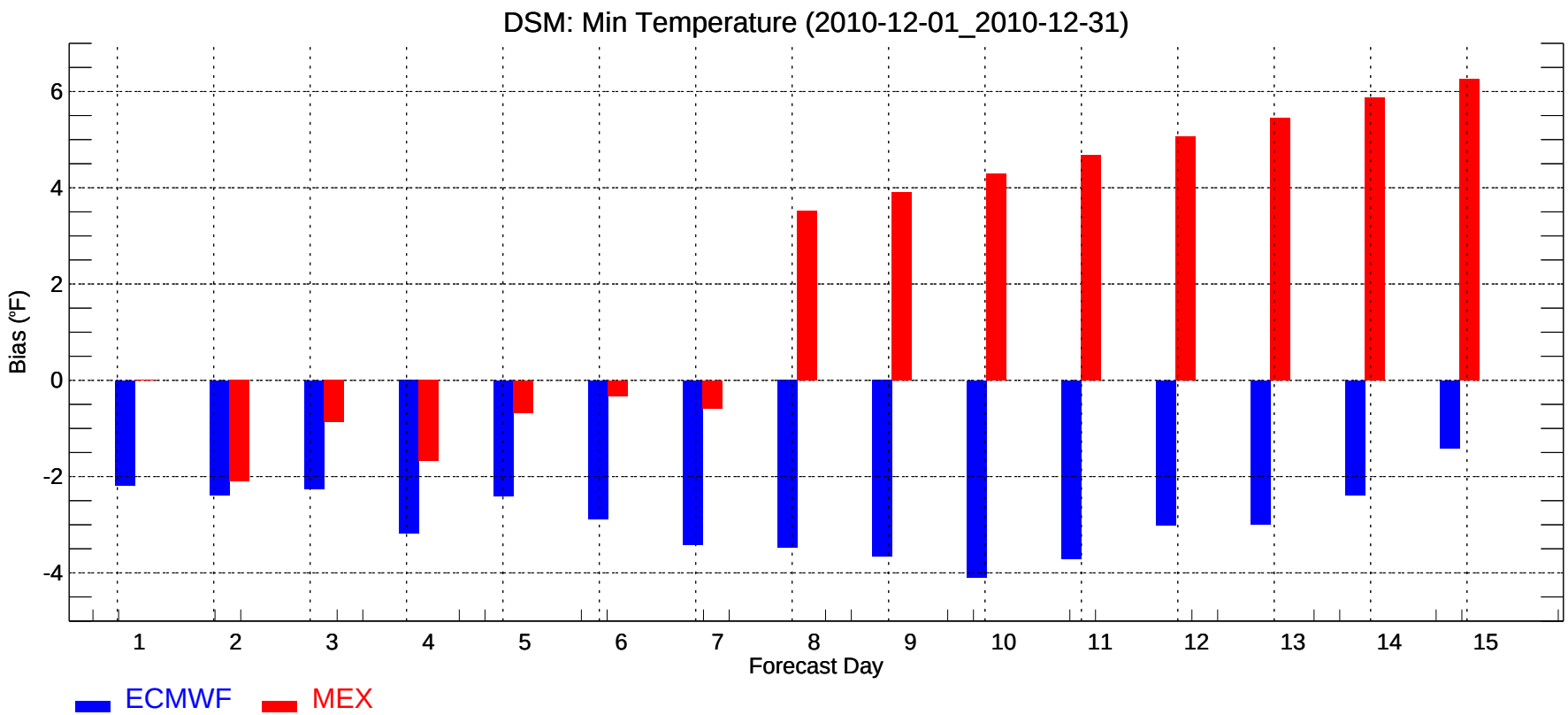

DLH: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

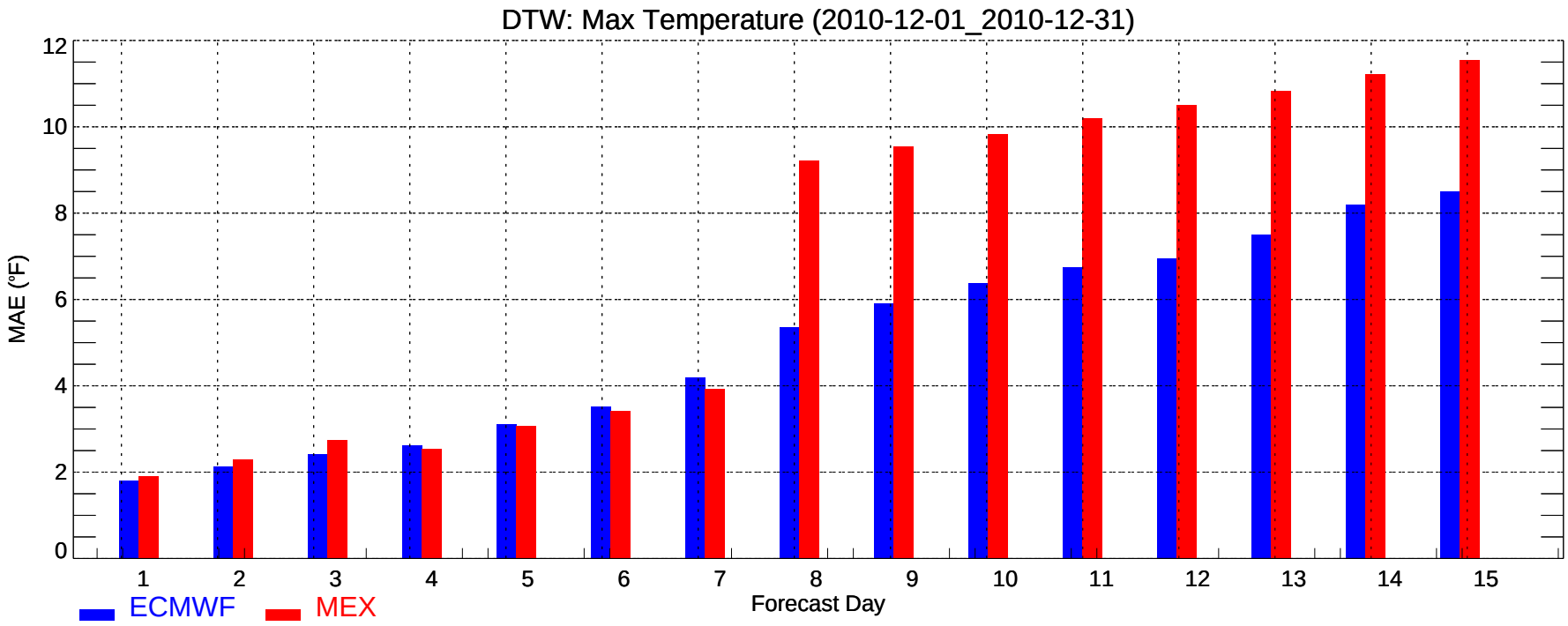

DLH: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

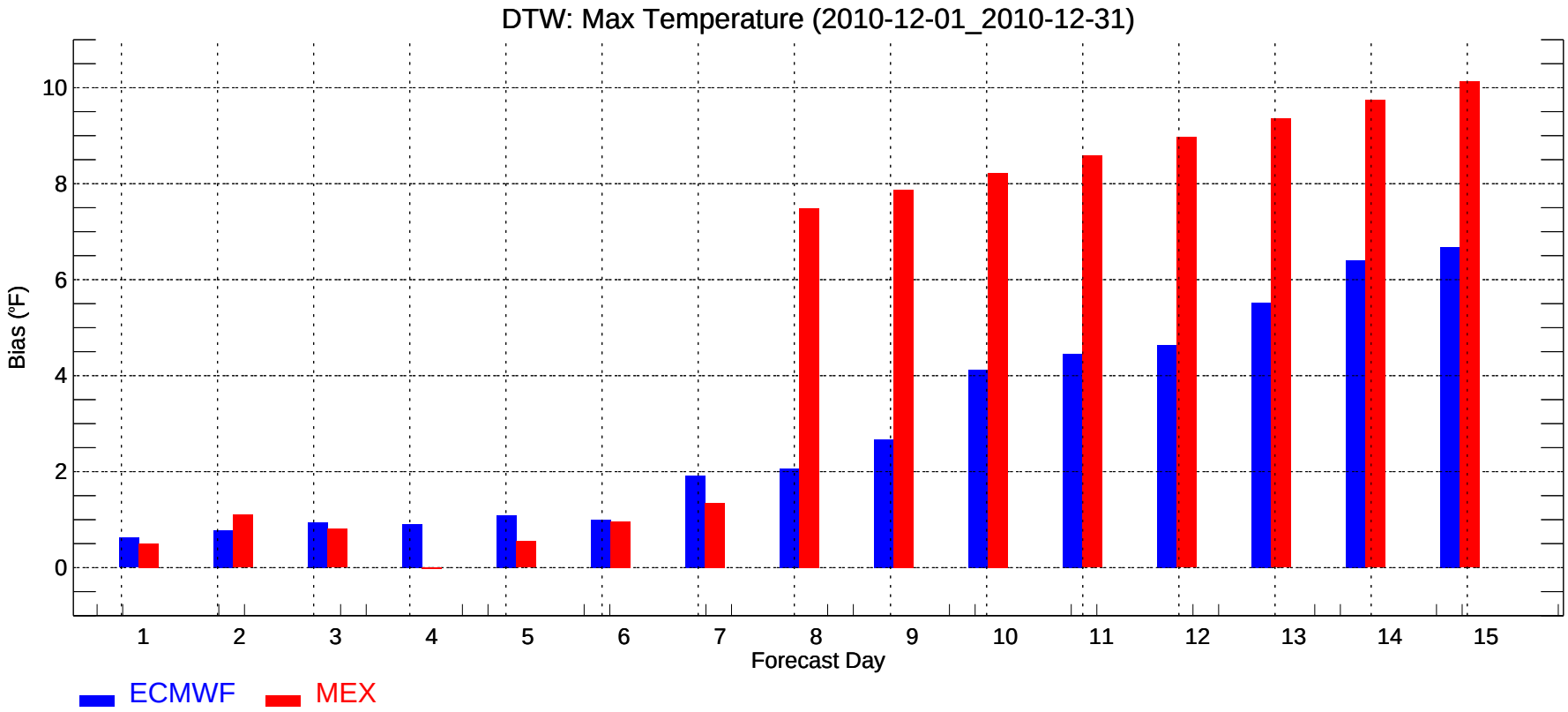

DSM: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

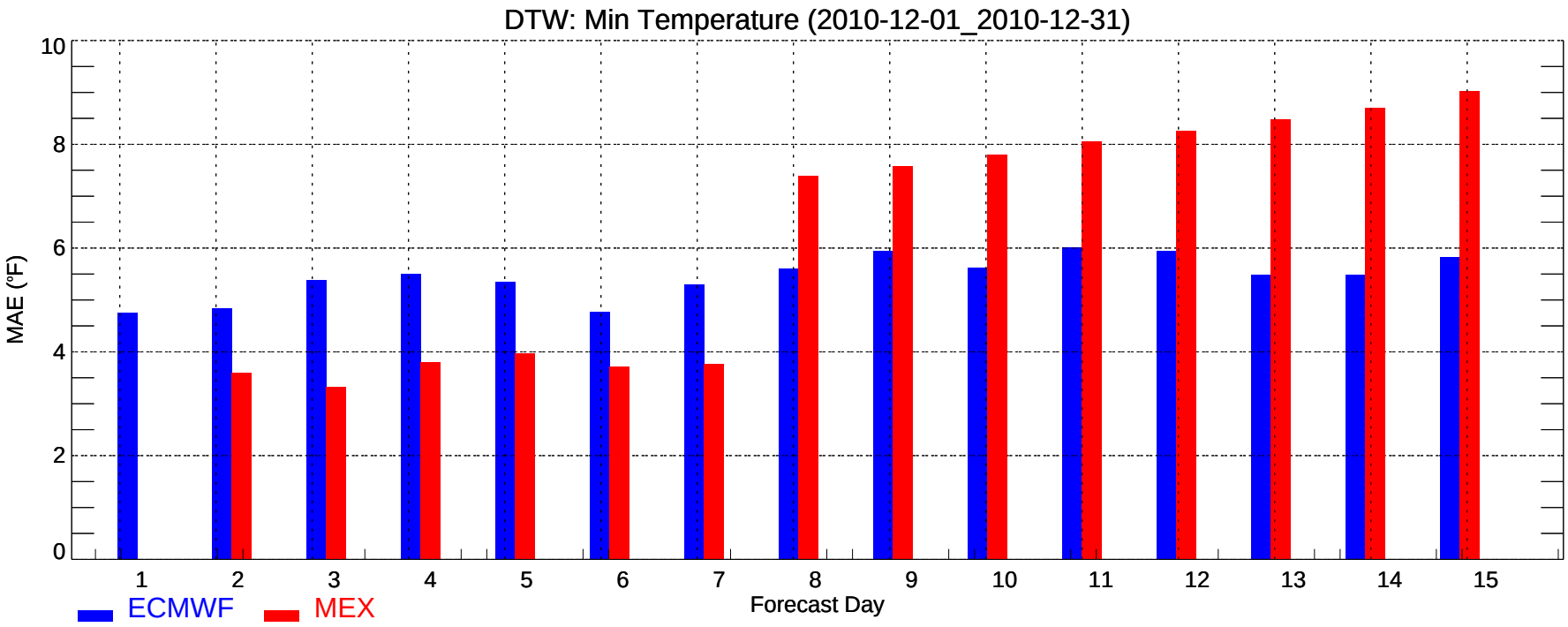

DSM: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

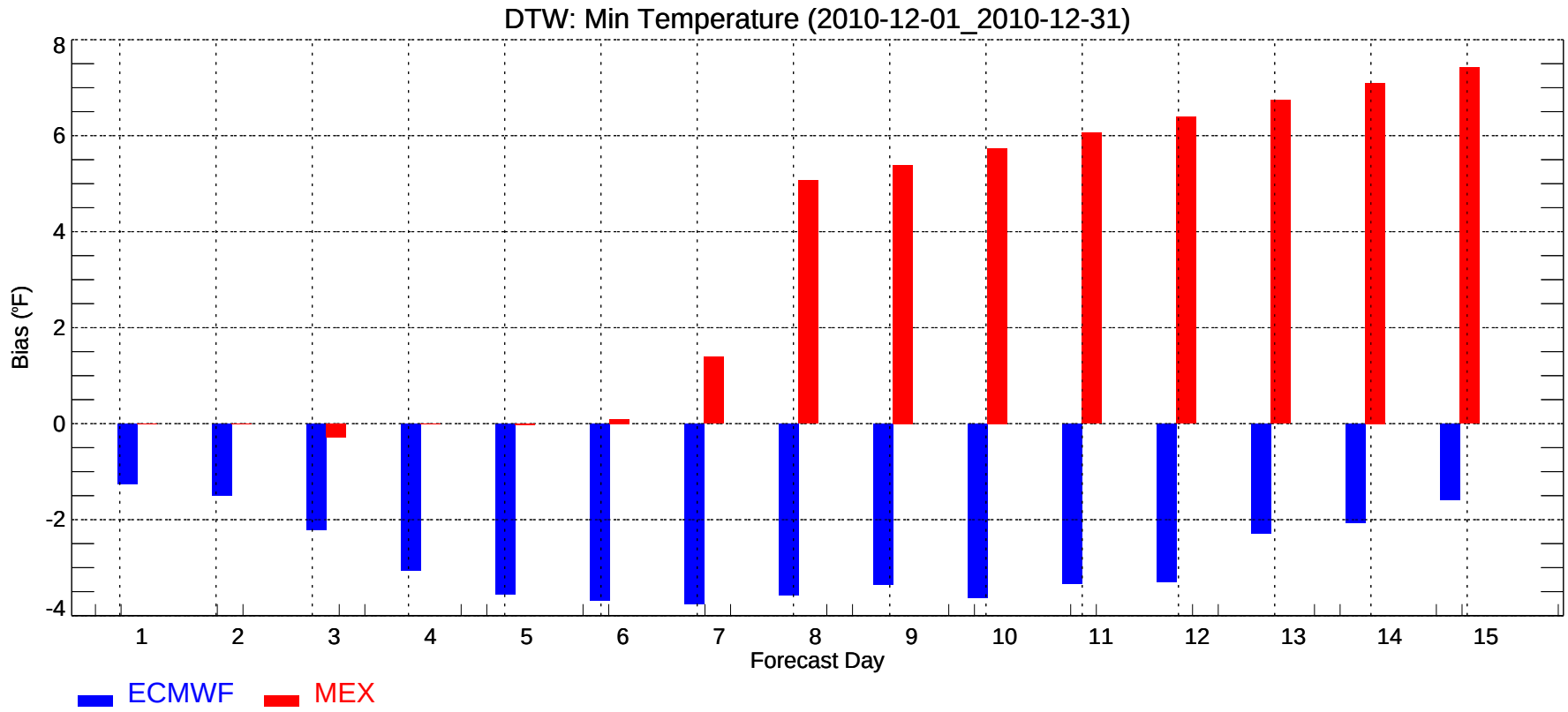

DSM: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

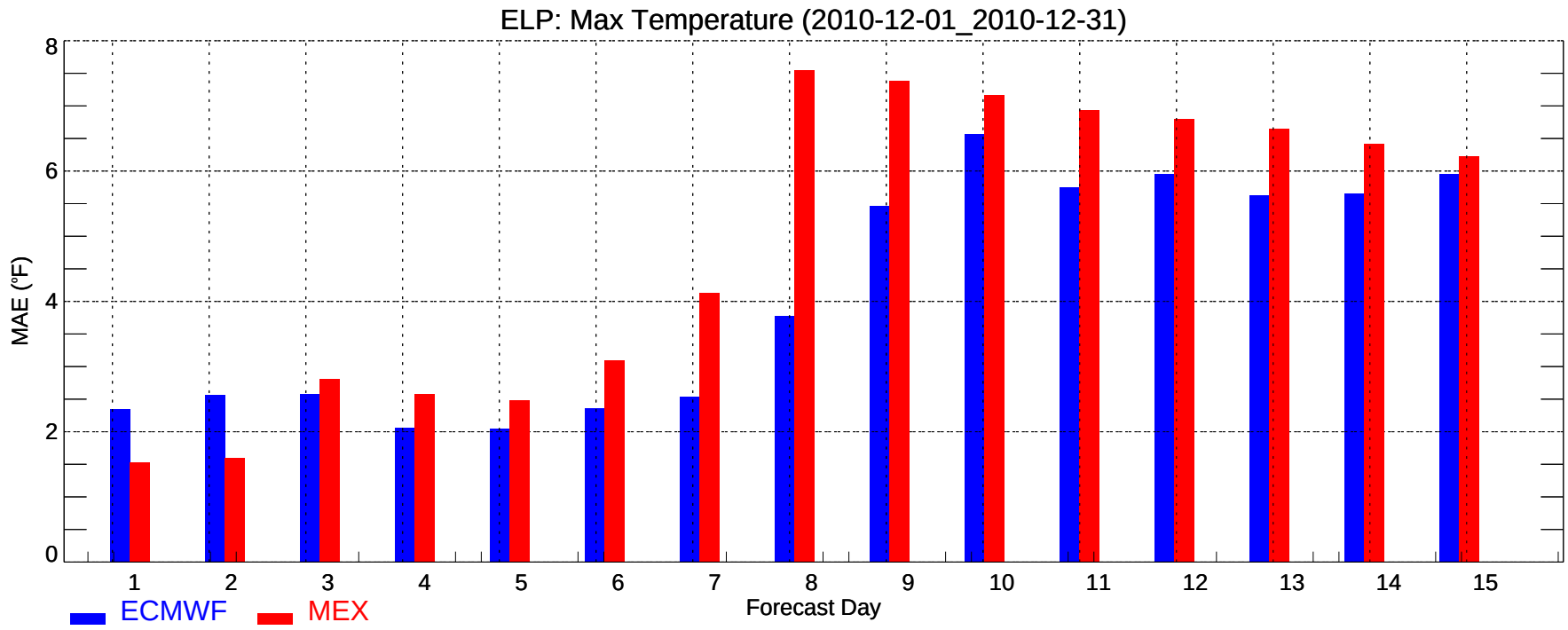

DSM: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

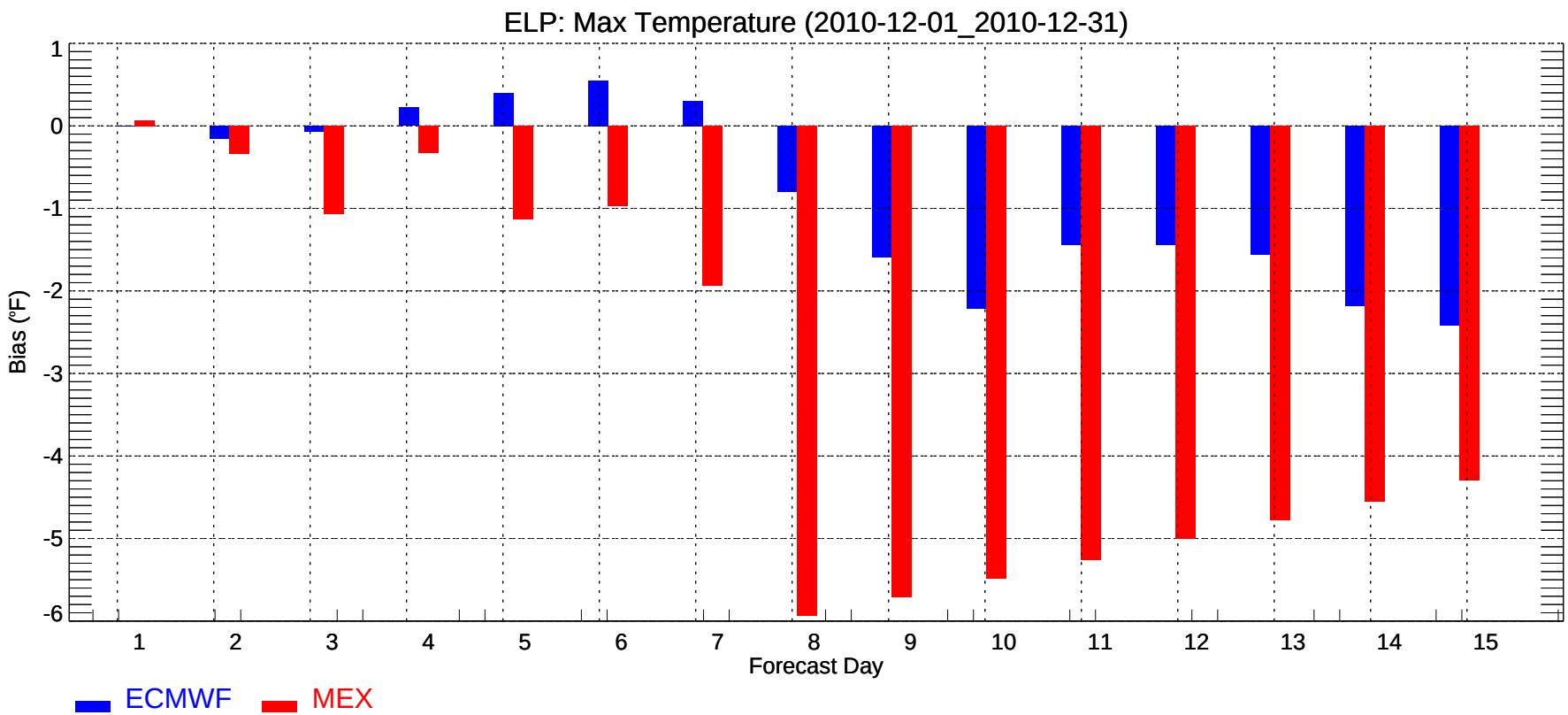

DTW: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

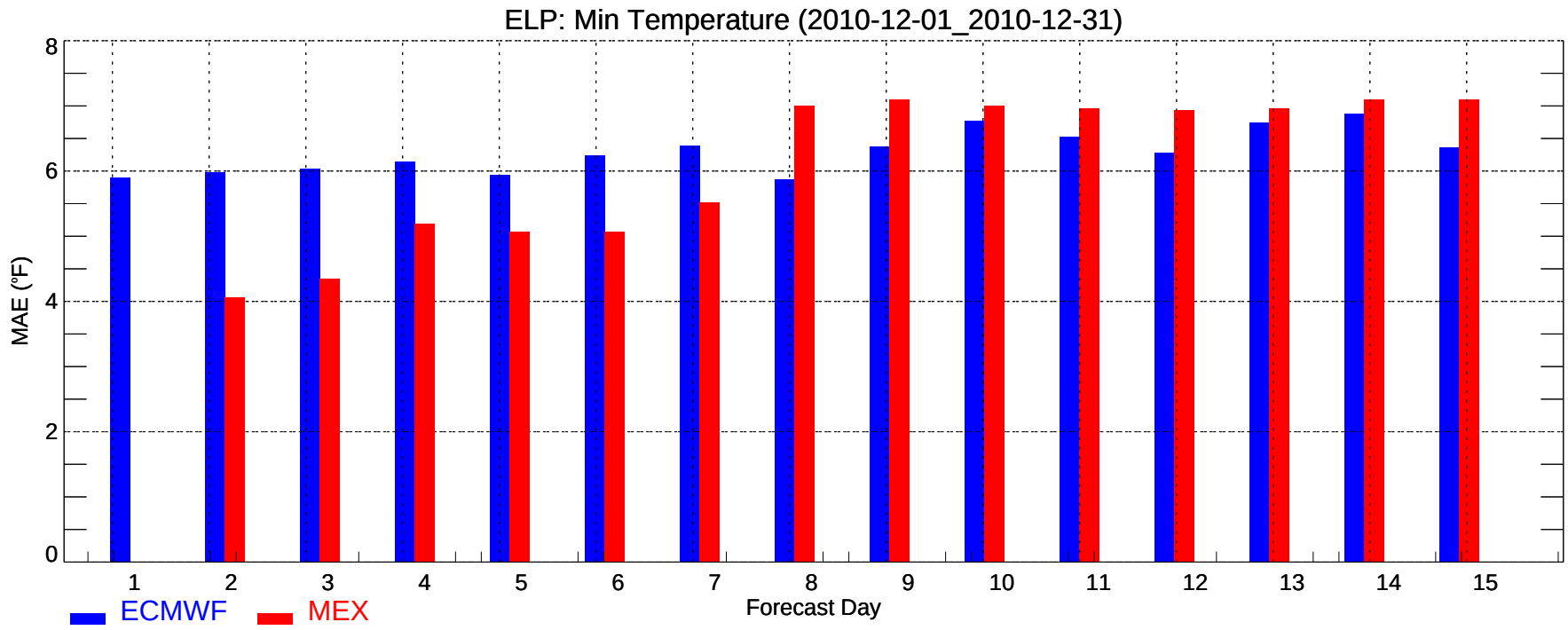

DTW: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

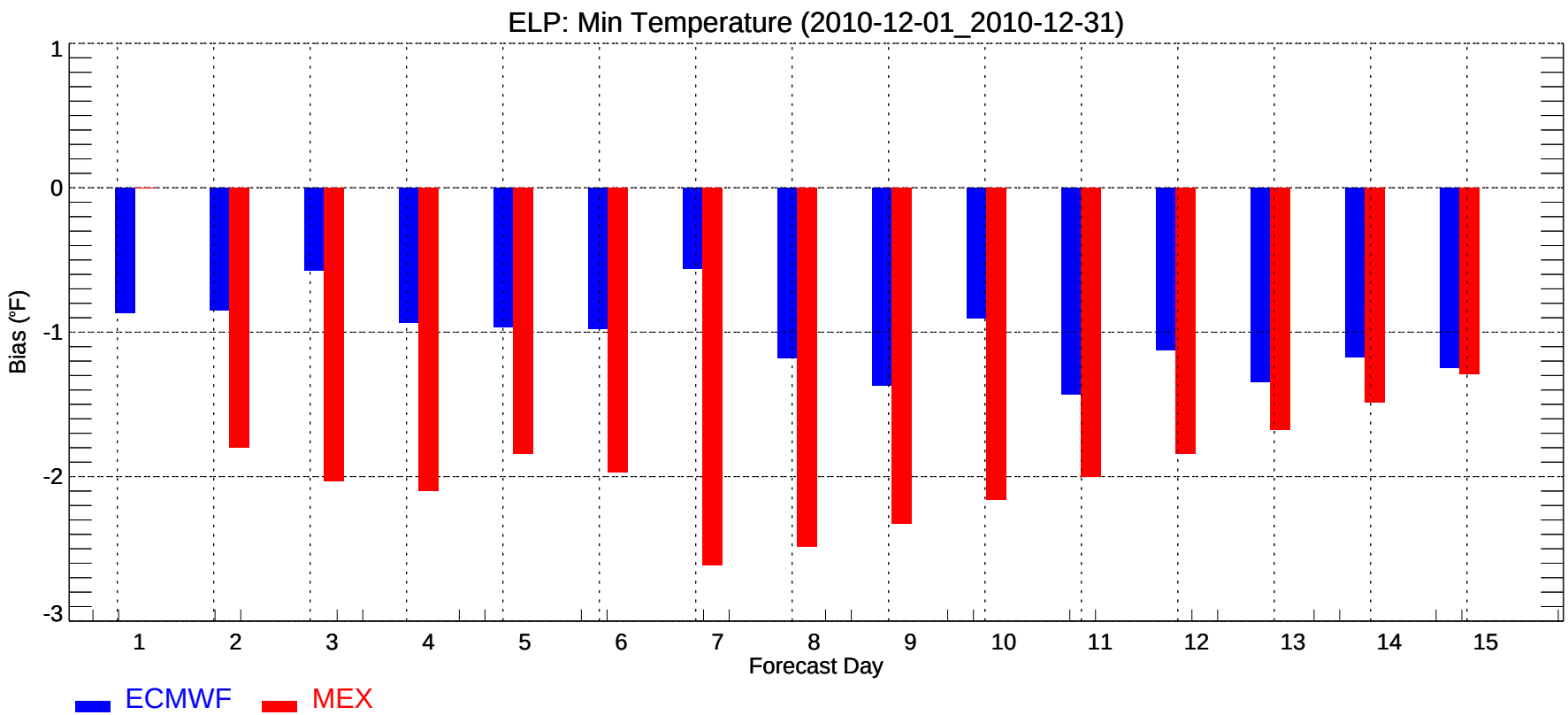

DTW: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

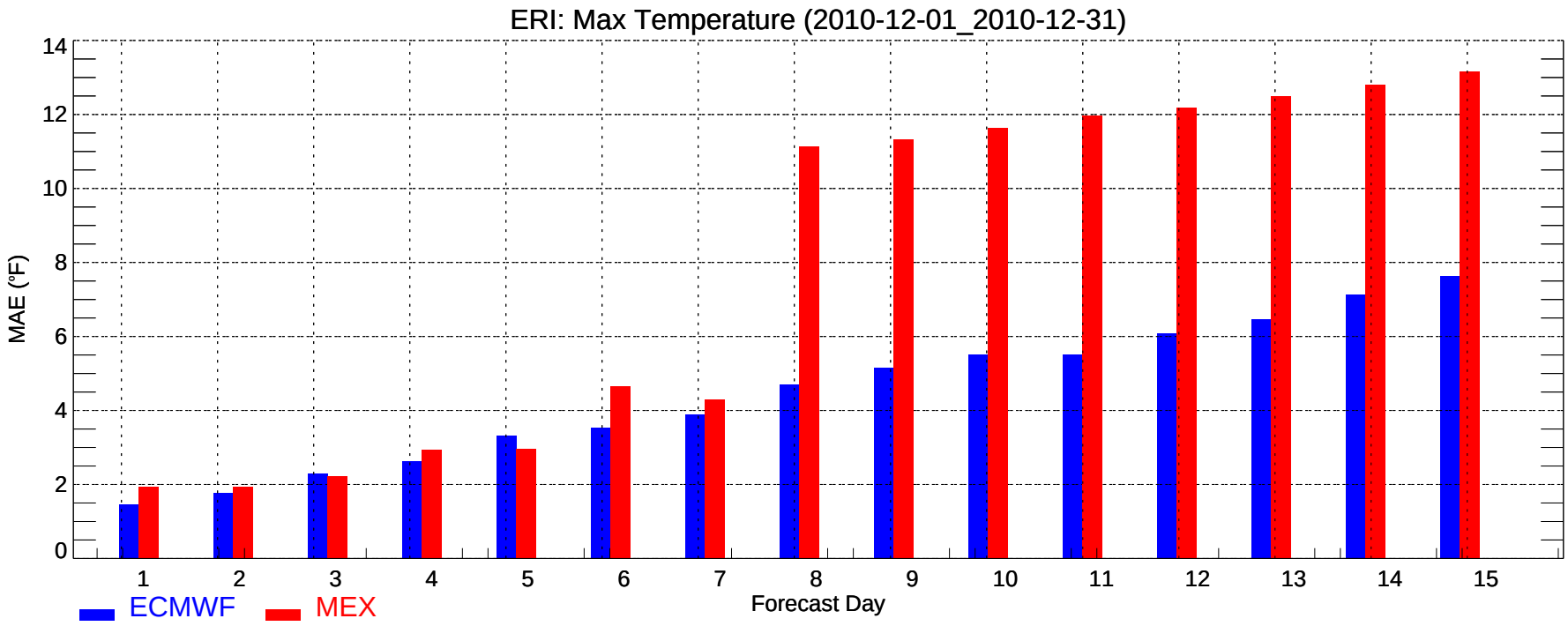

DTW: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

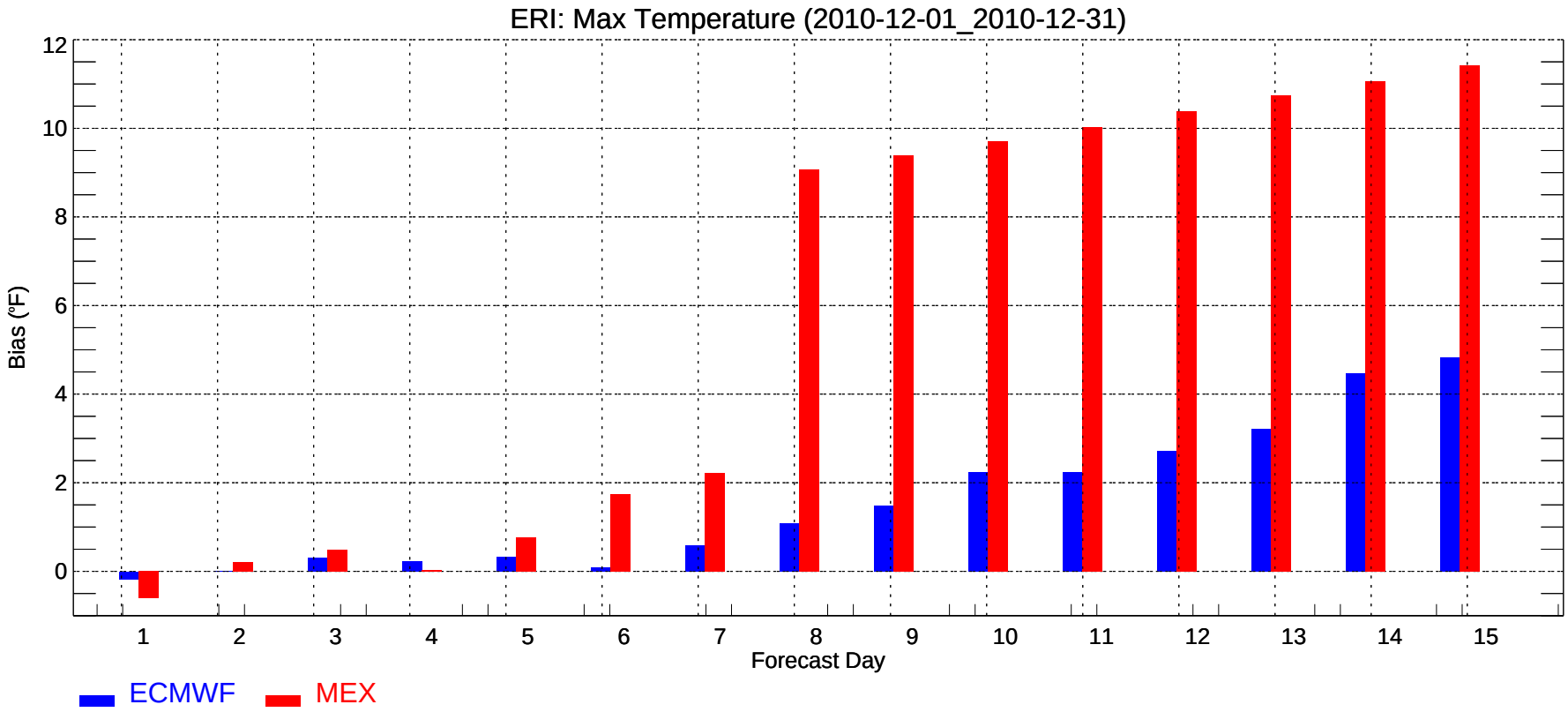

ELP: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

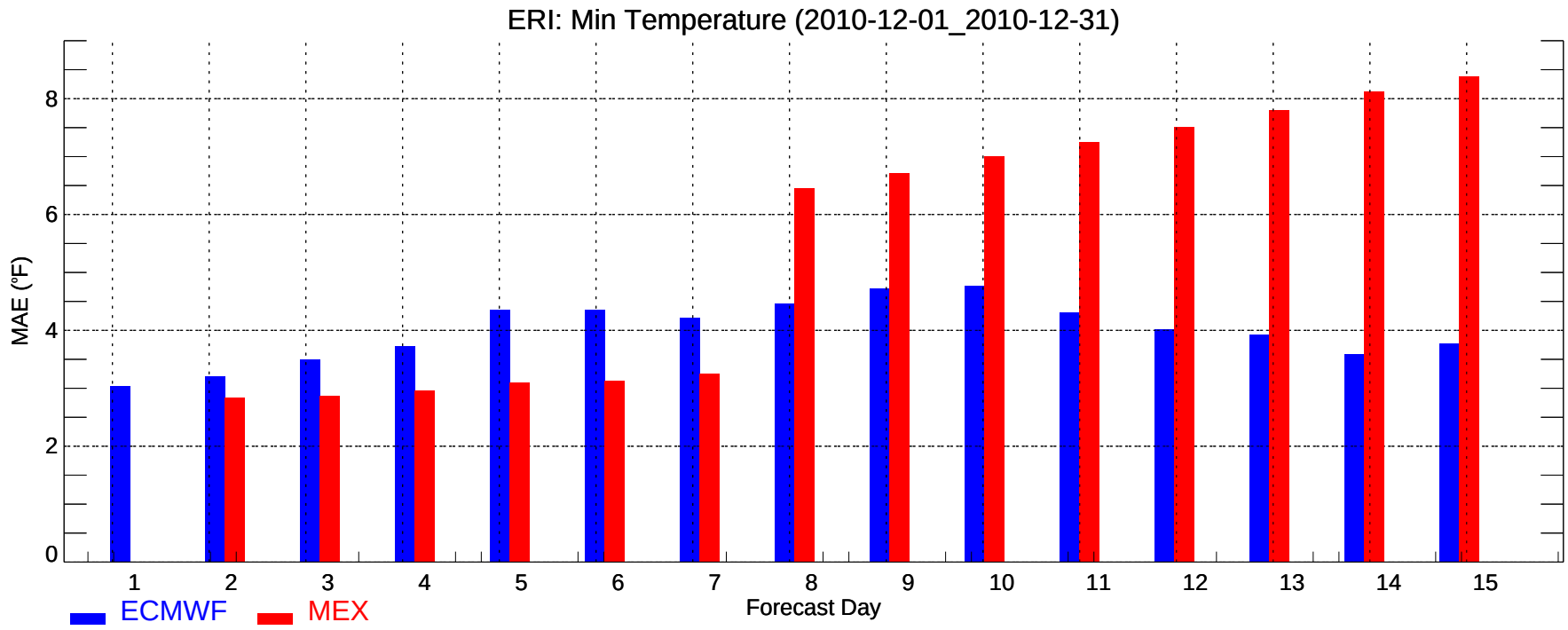

ELP: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

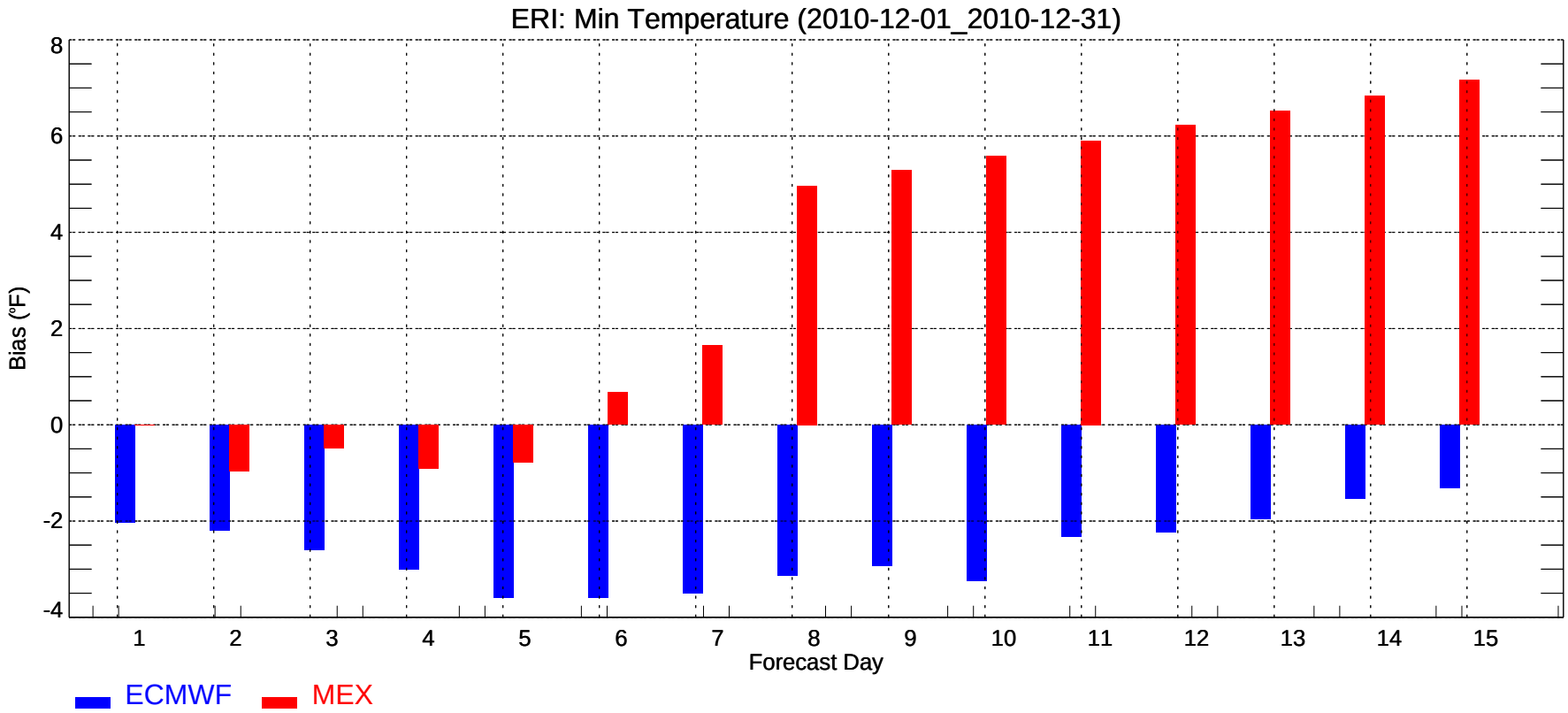

ELP: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

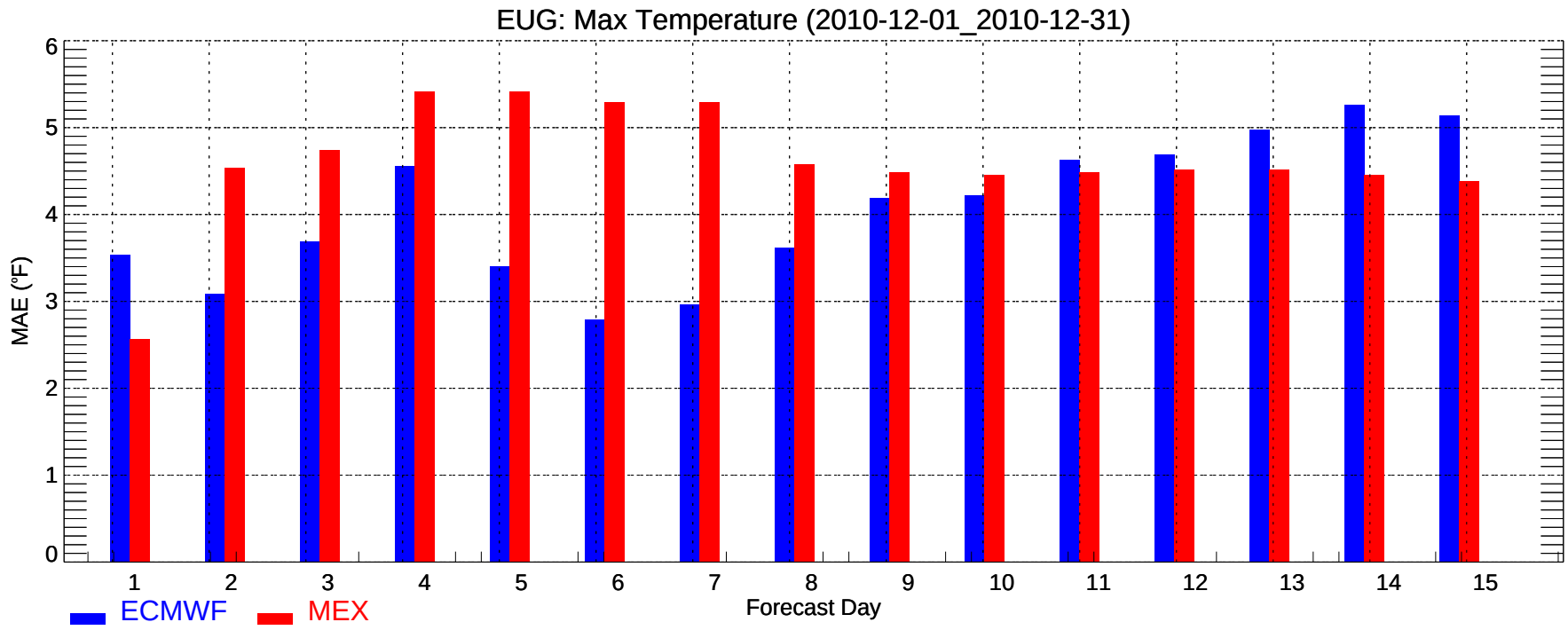

ELP: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

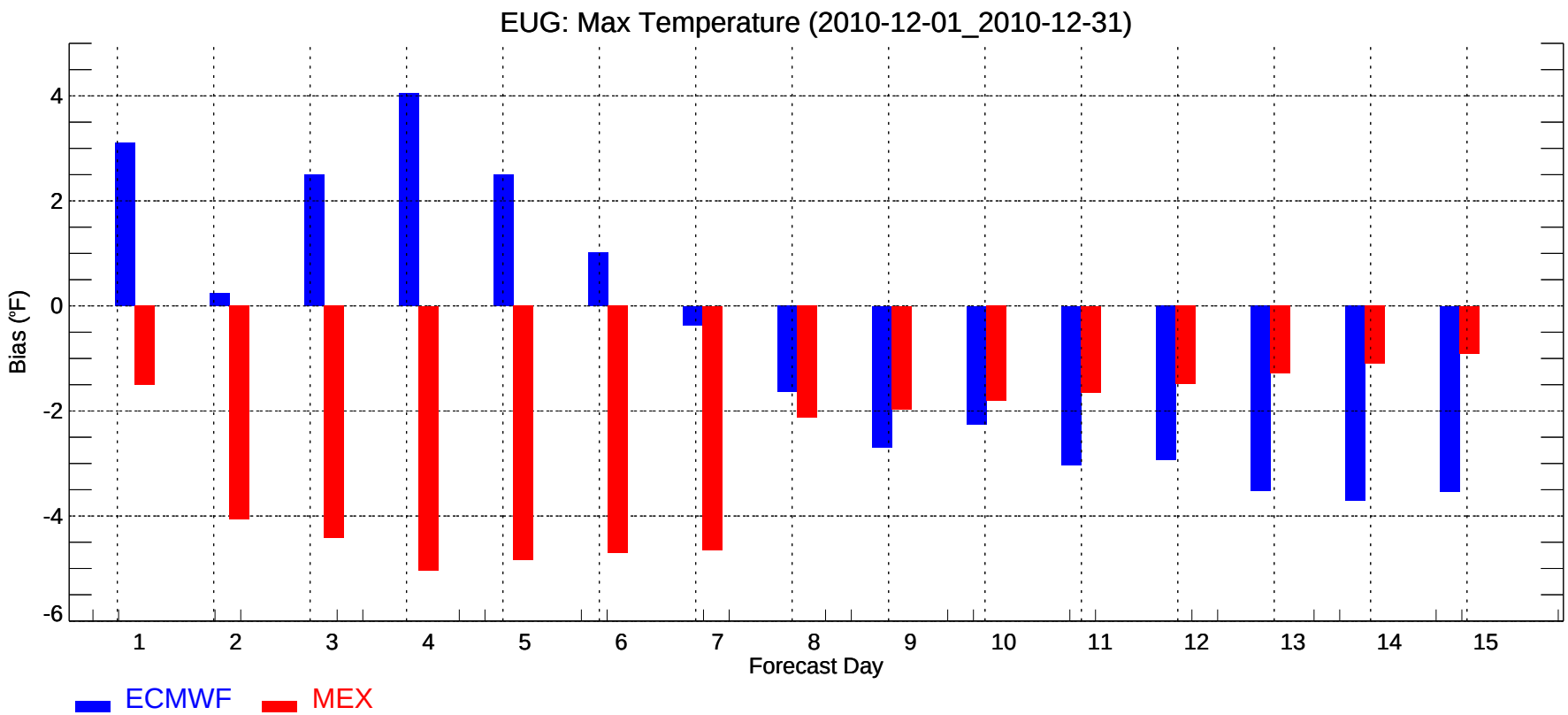

ERI: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

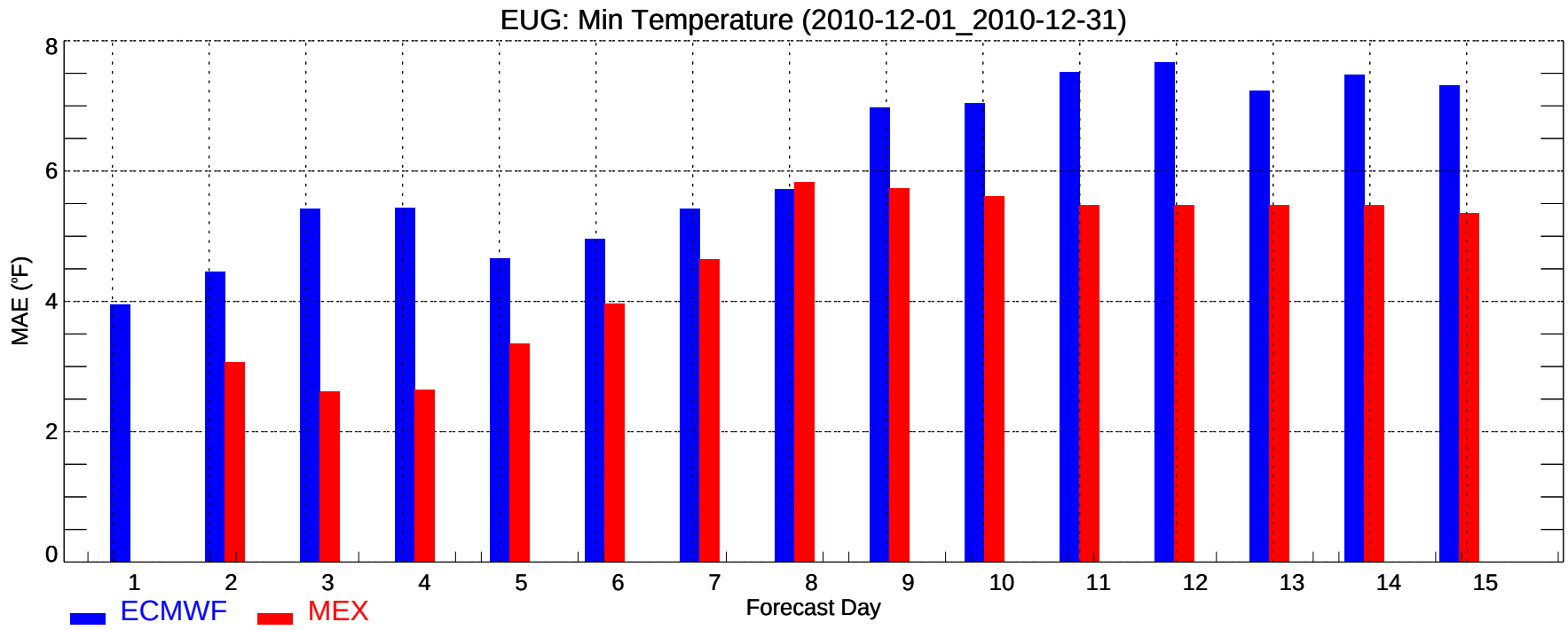

ERI: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

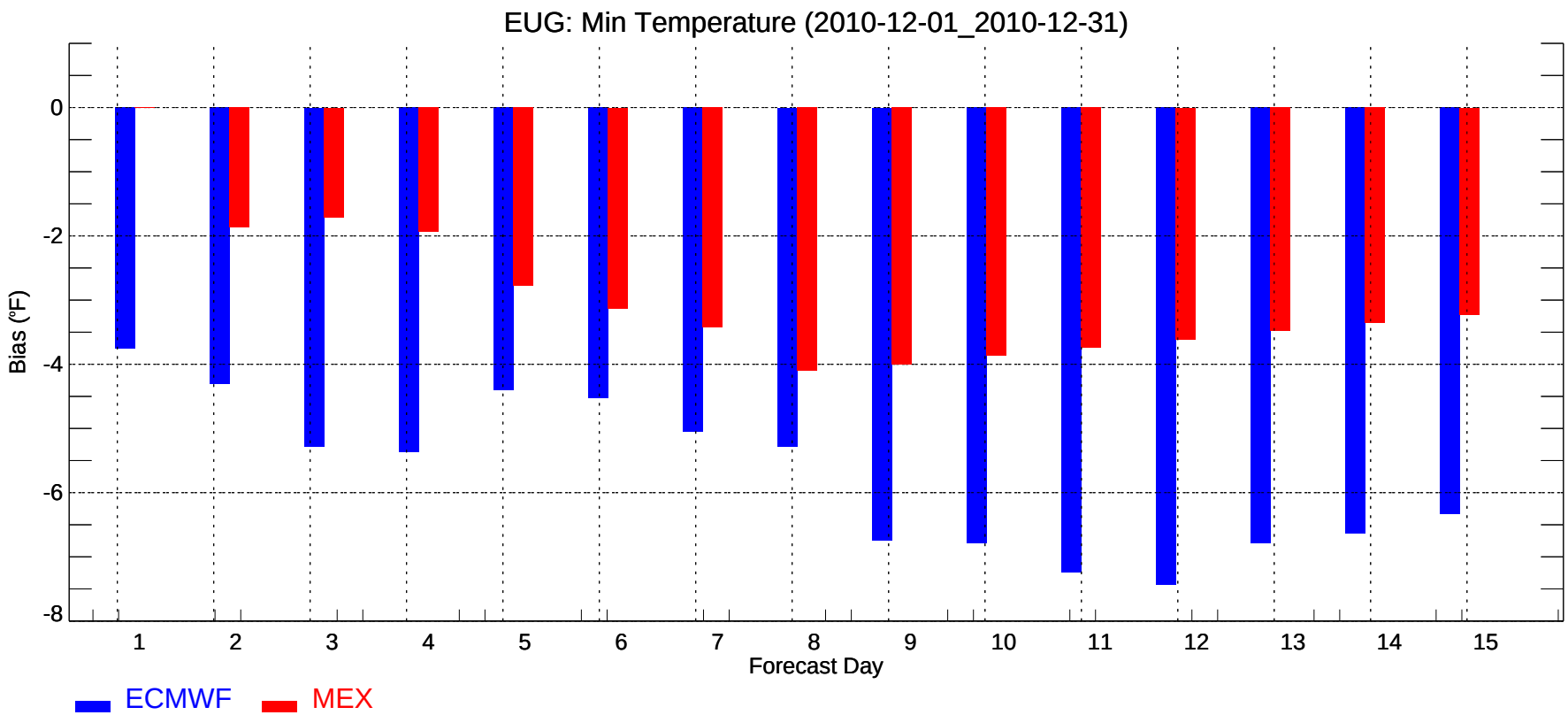

ERI: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

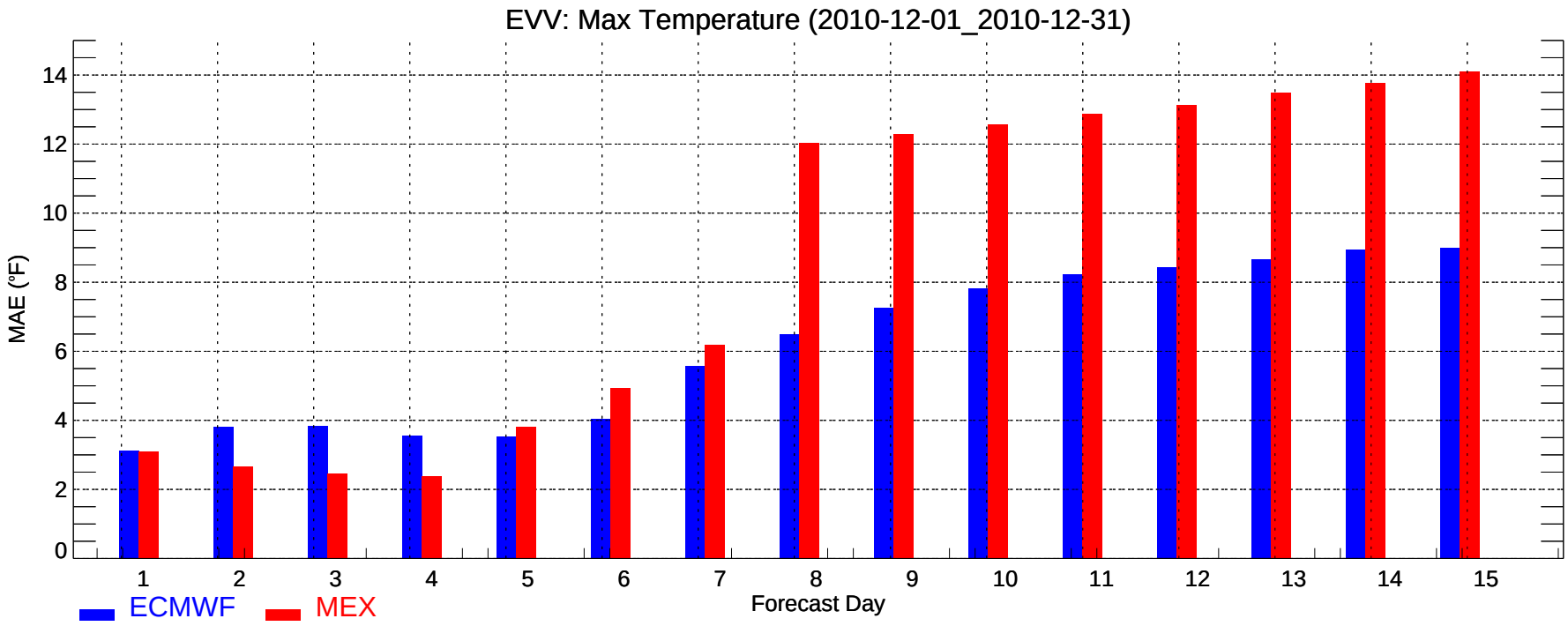

ERI: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
8
6
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

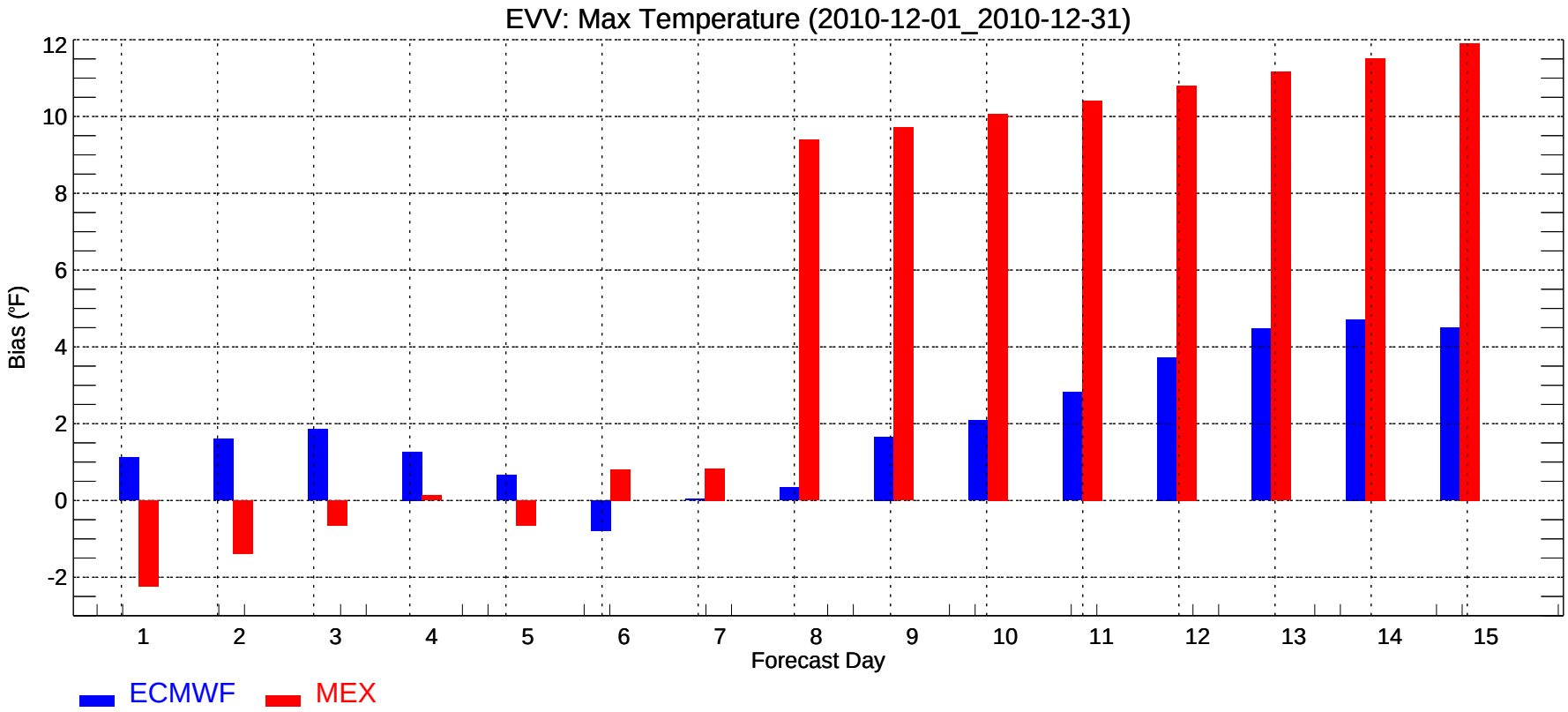

EUG: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

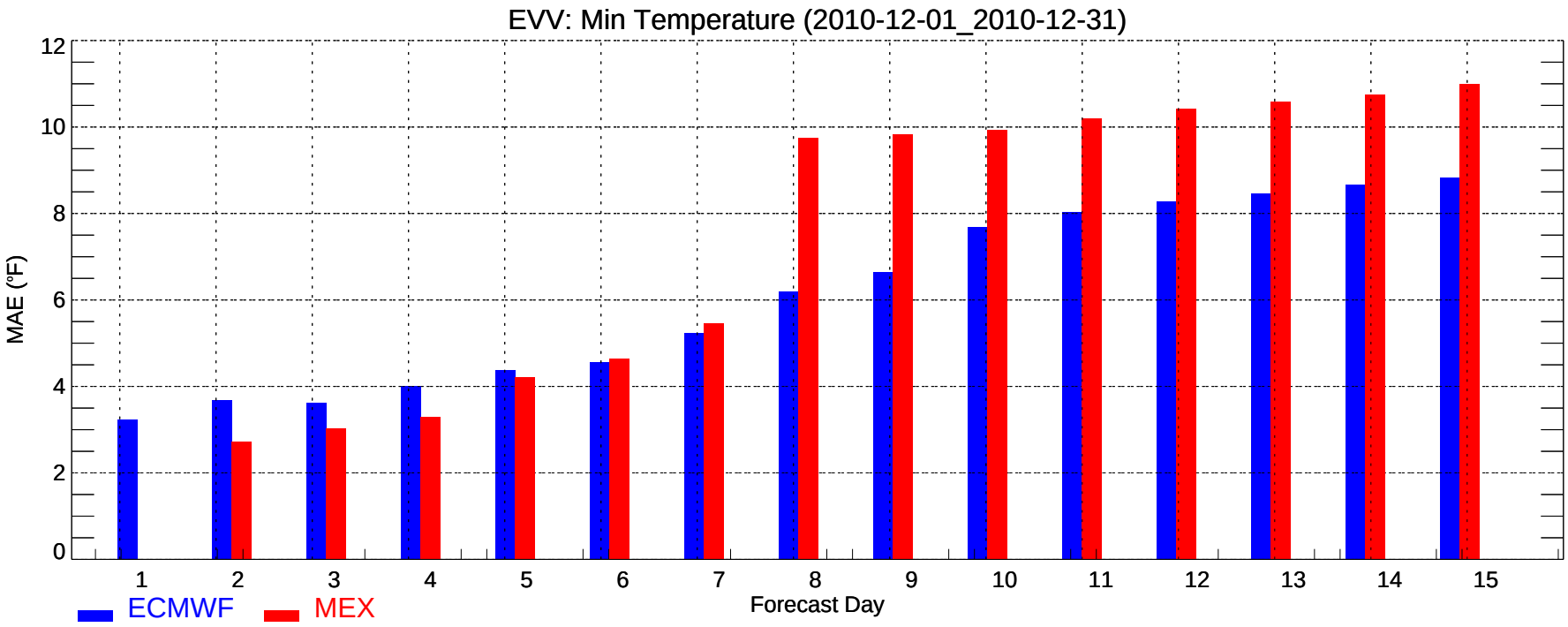

EUG: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

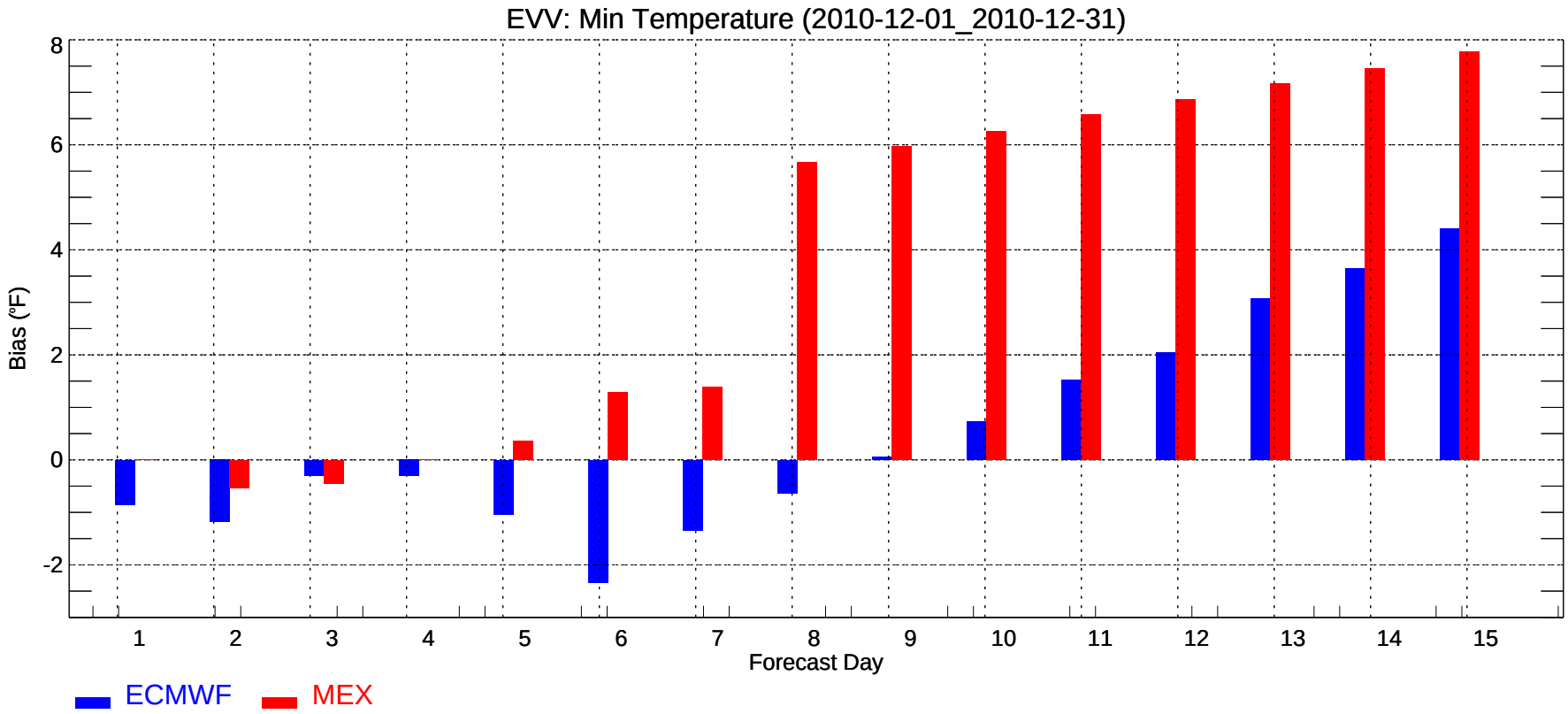

EUG: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

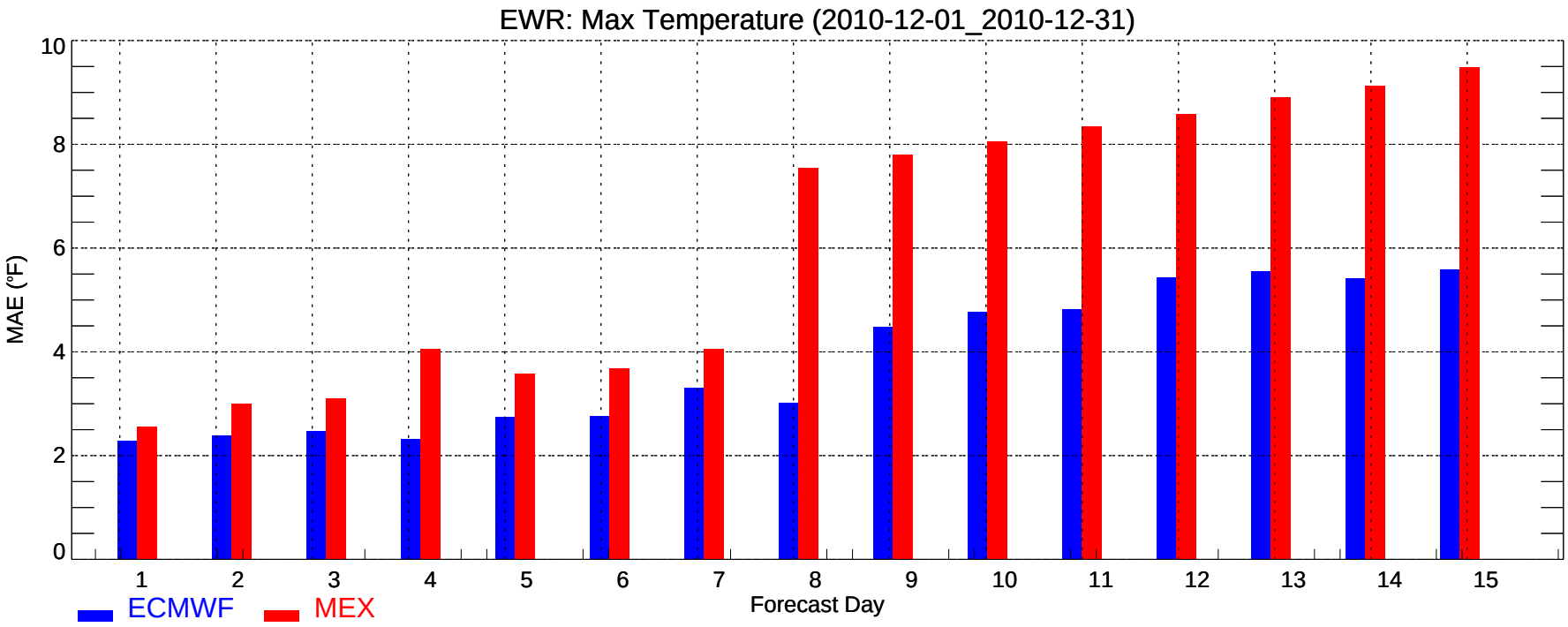

EUG: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

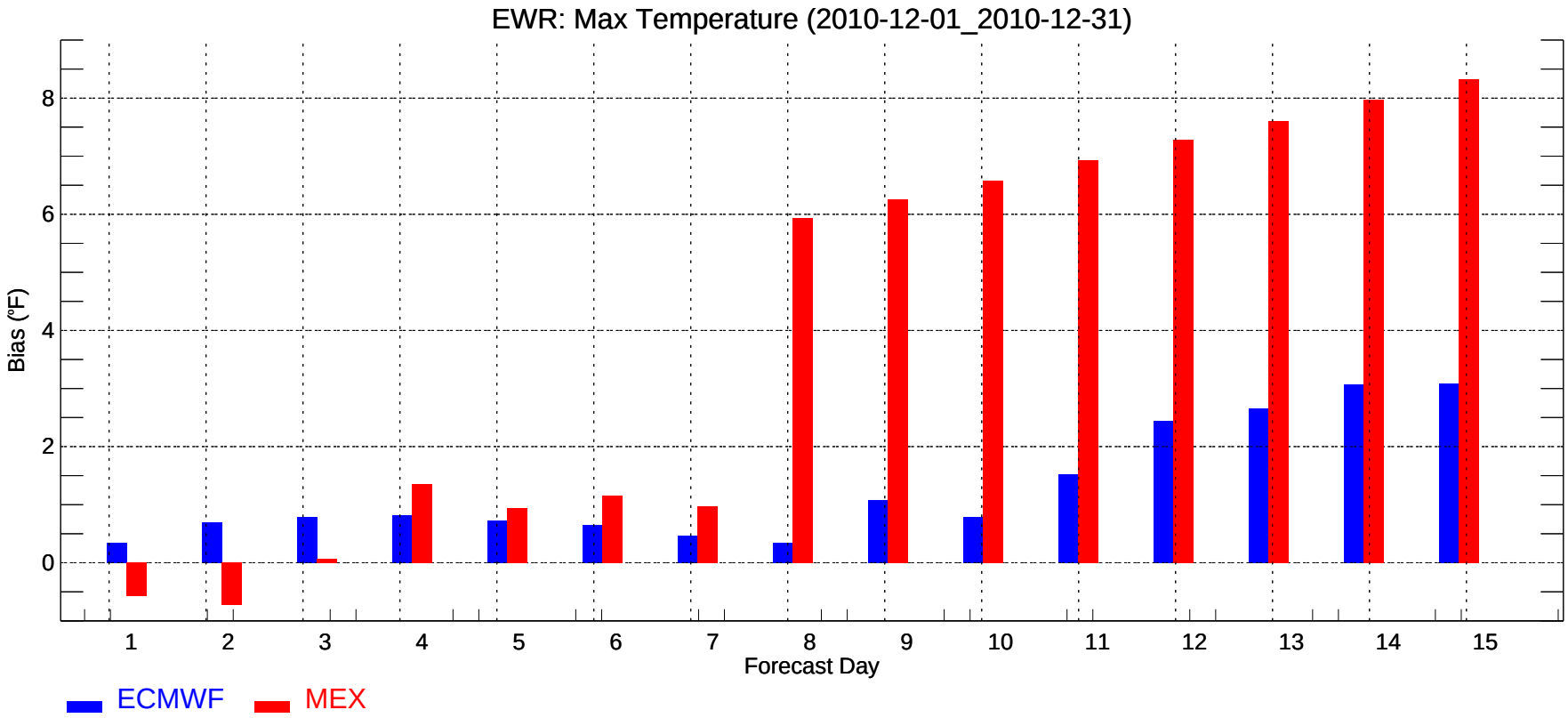

EVV: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

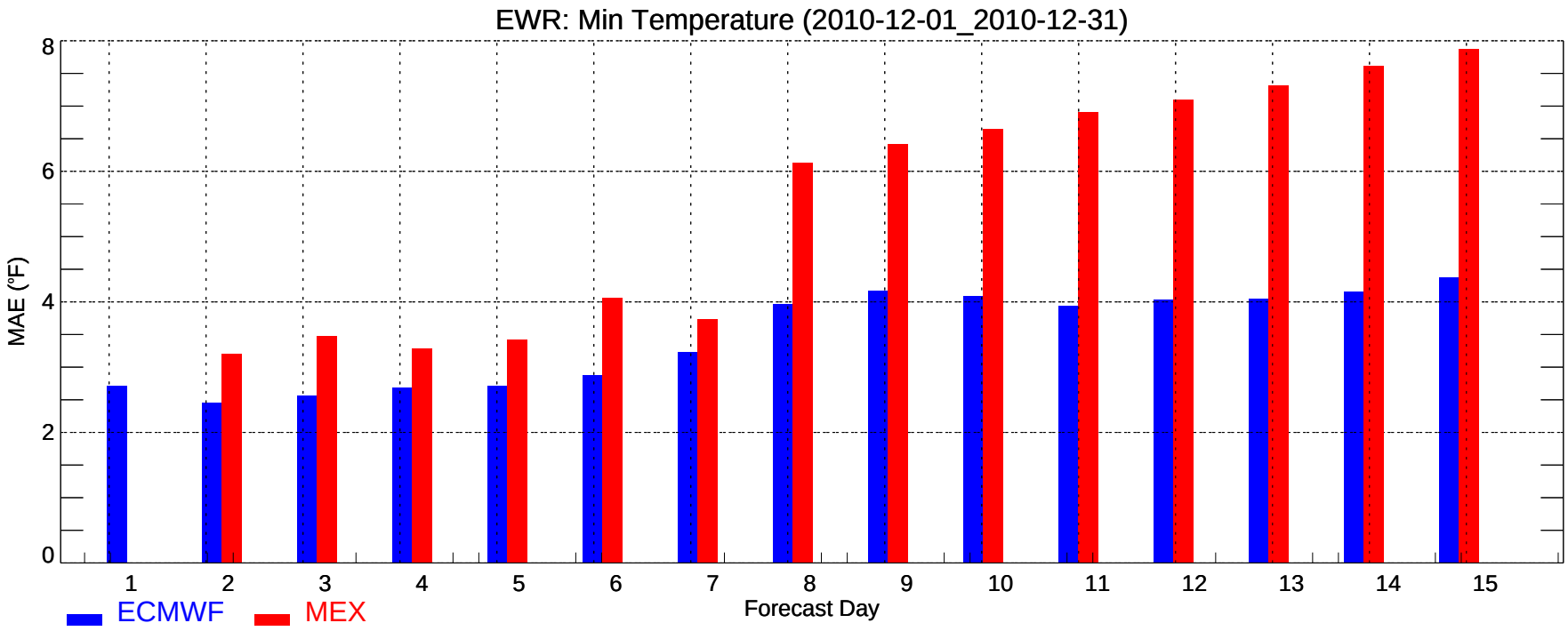

EVV: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

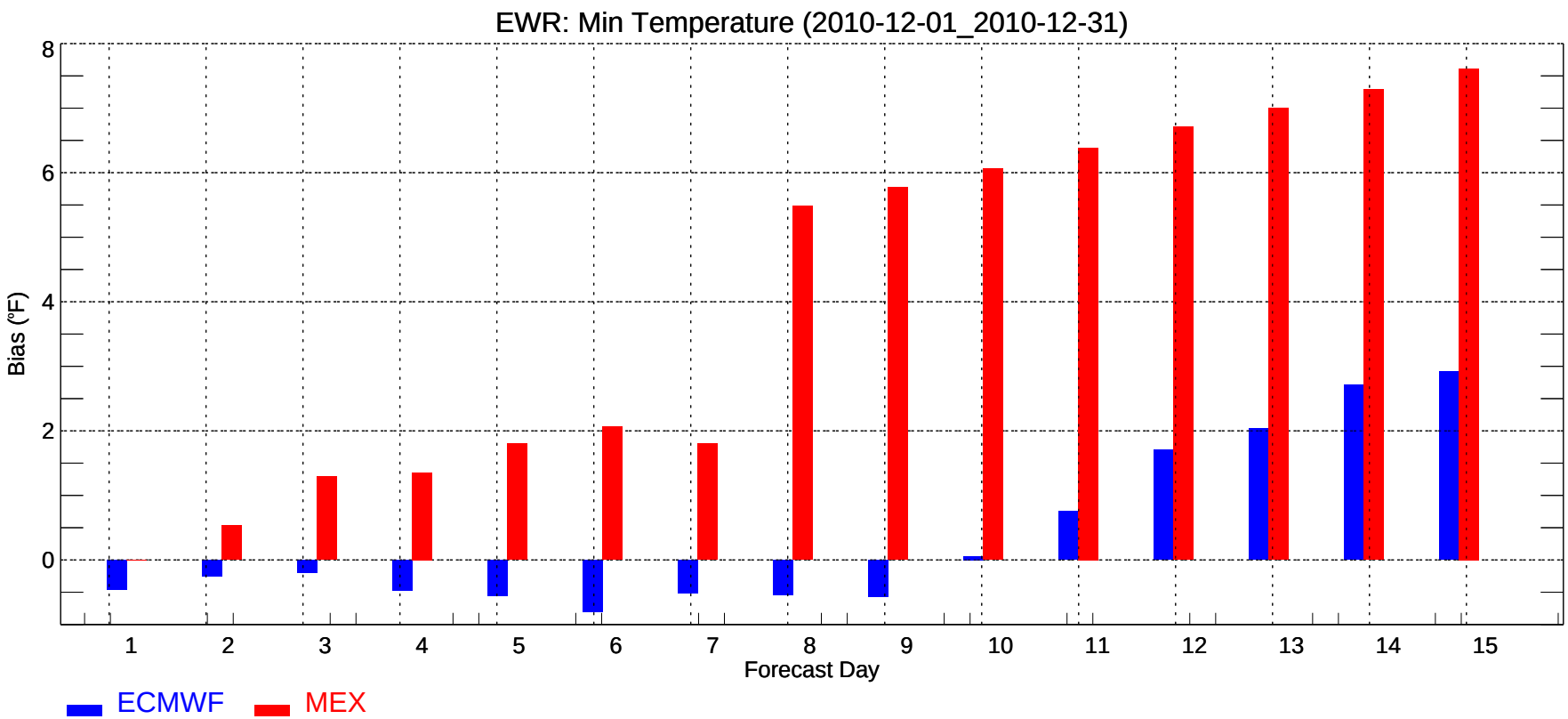

EVV: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

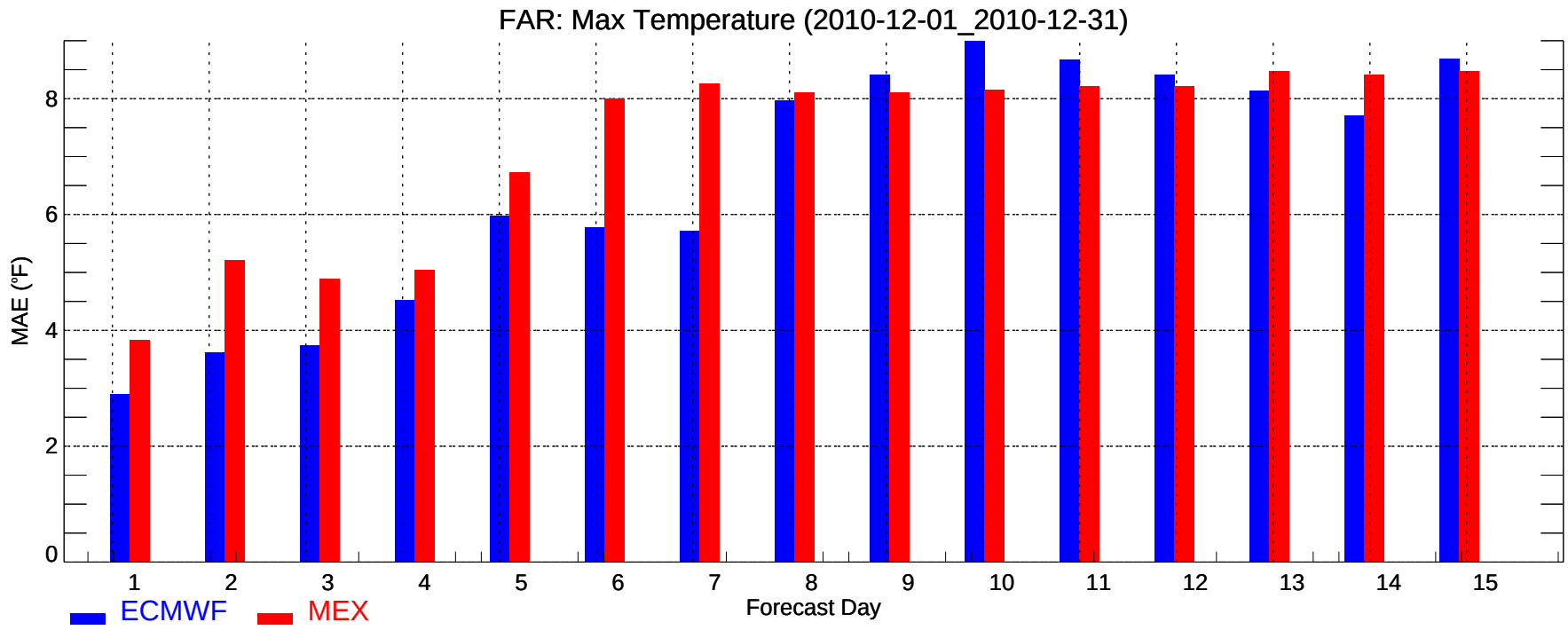

EVV: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

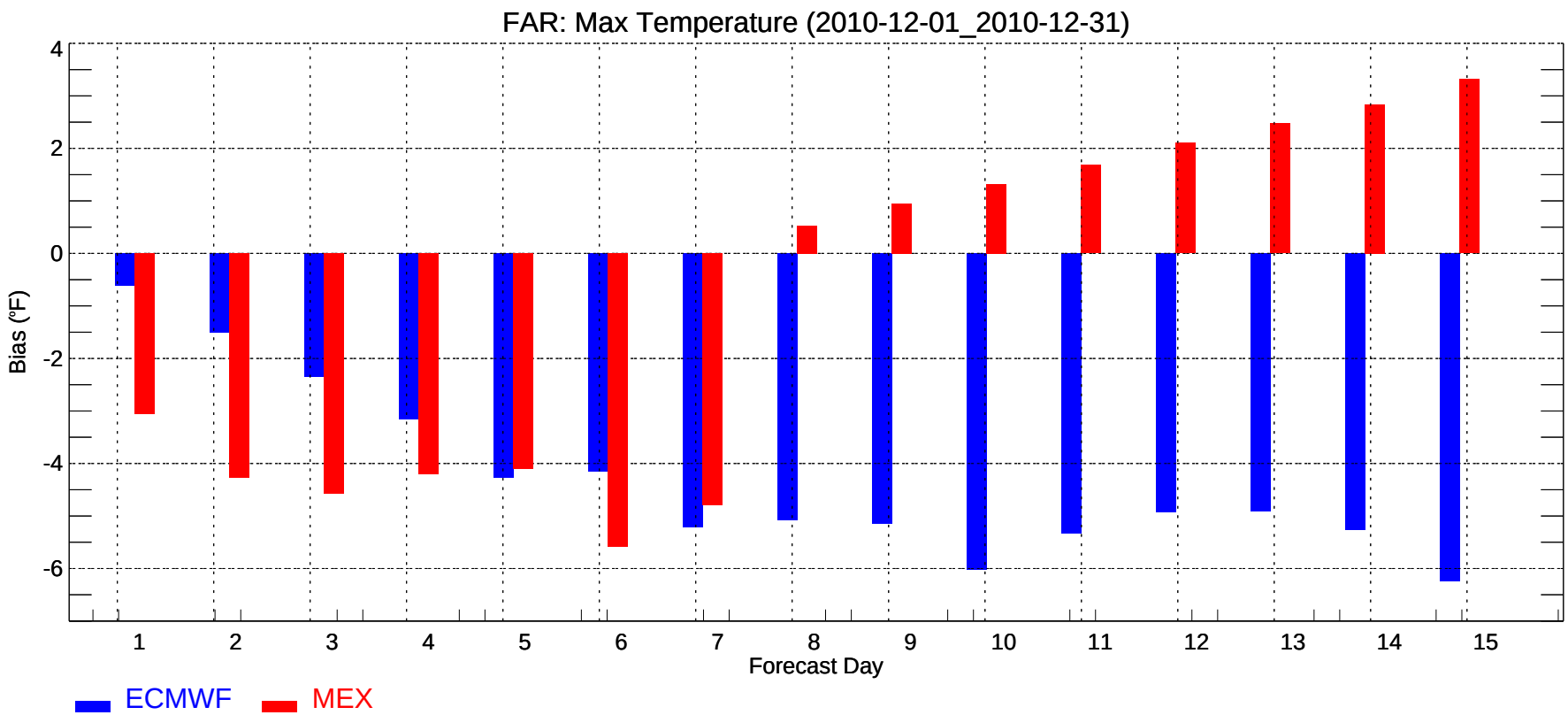

EWR: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

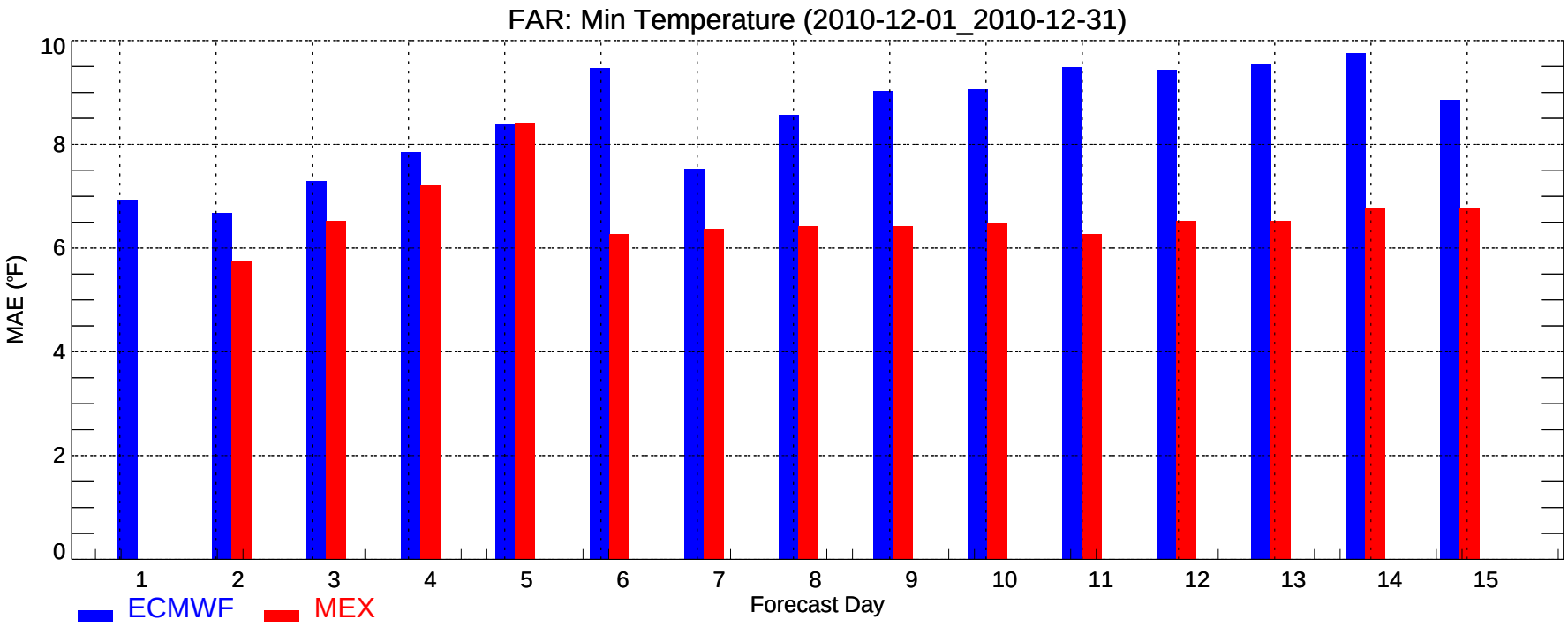

EWR: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

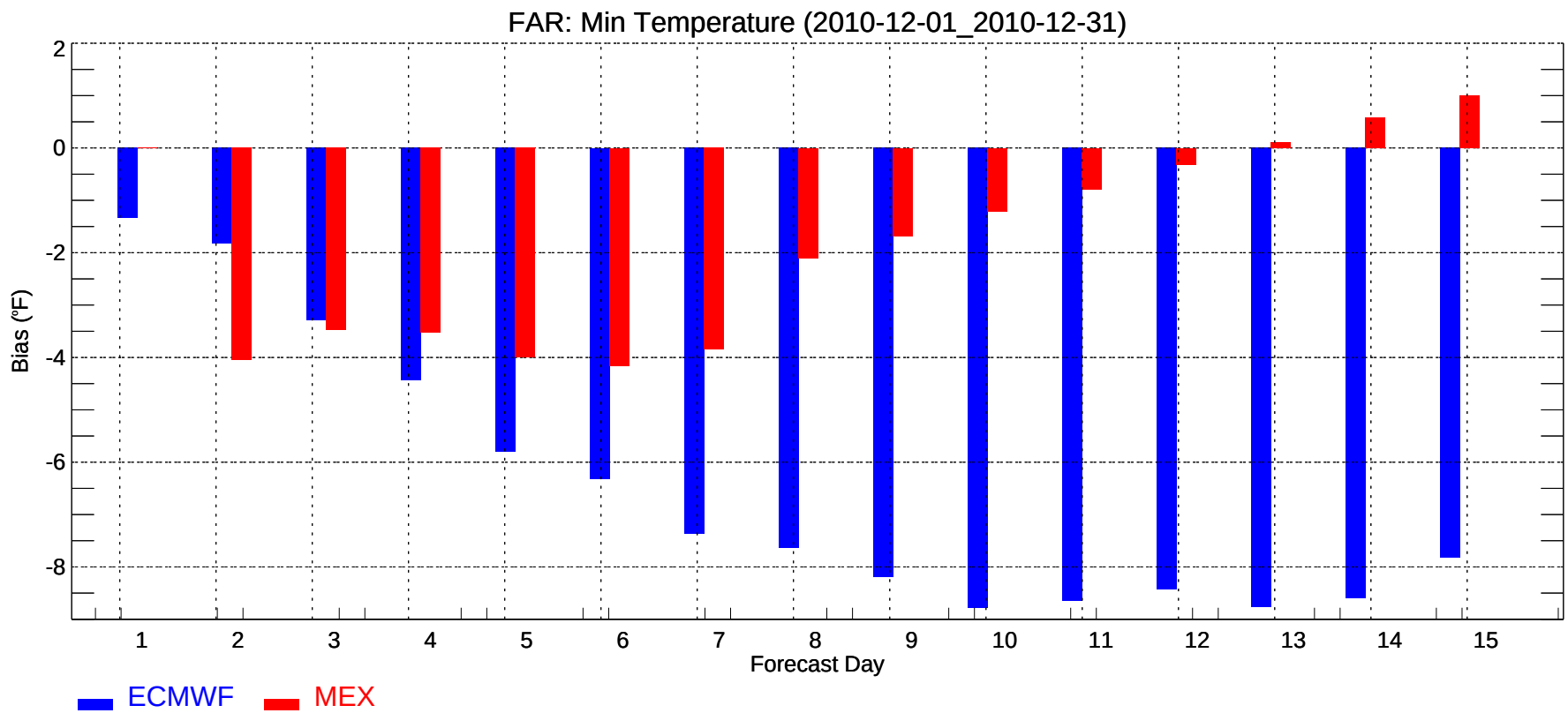

EWR: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

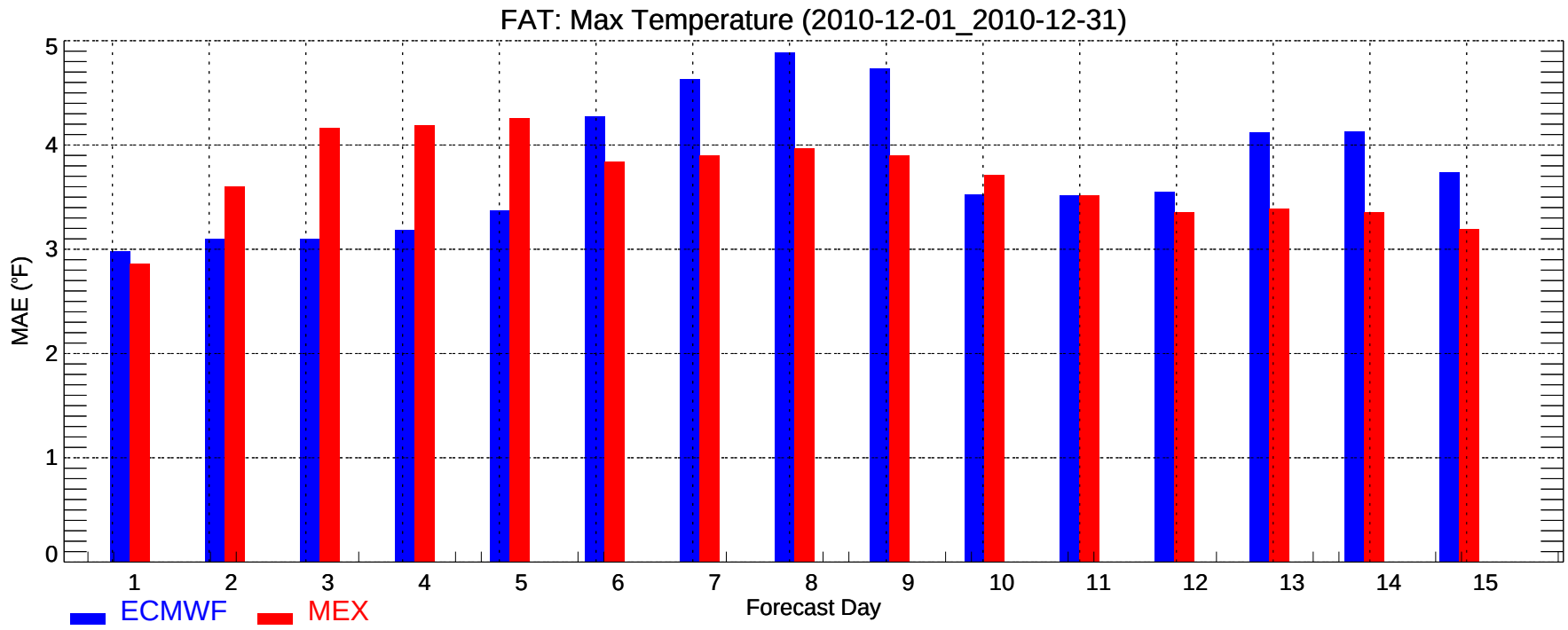

EWR: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

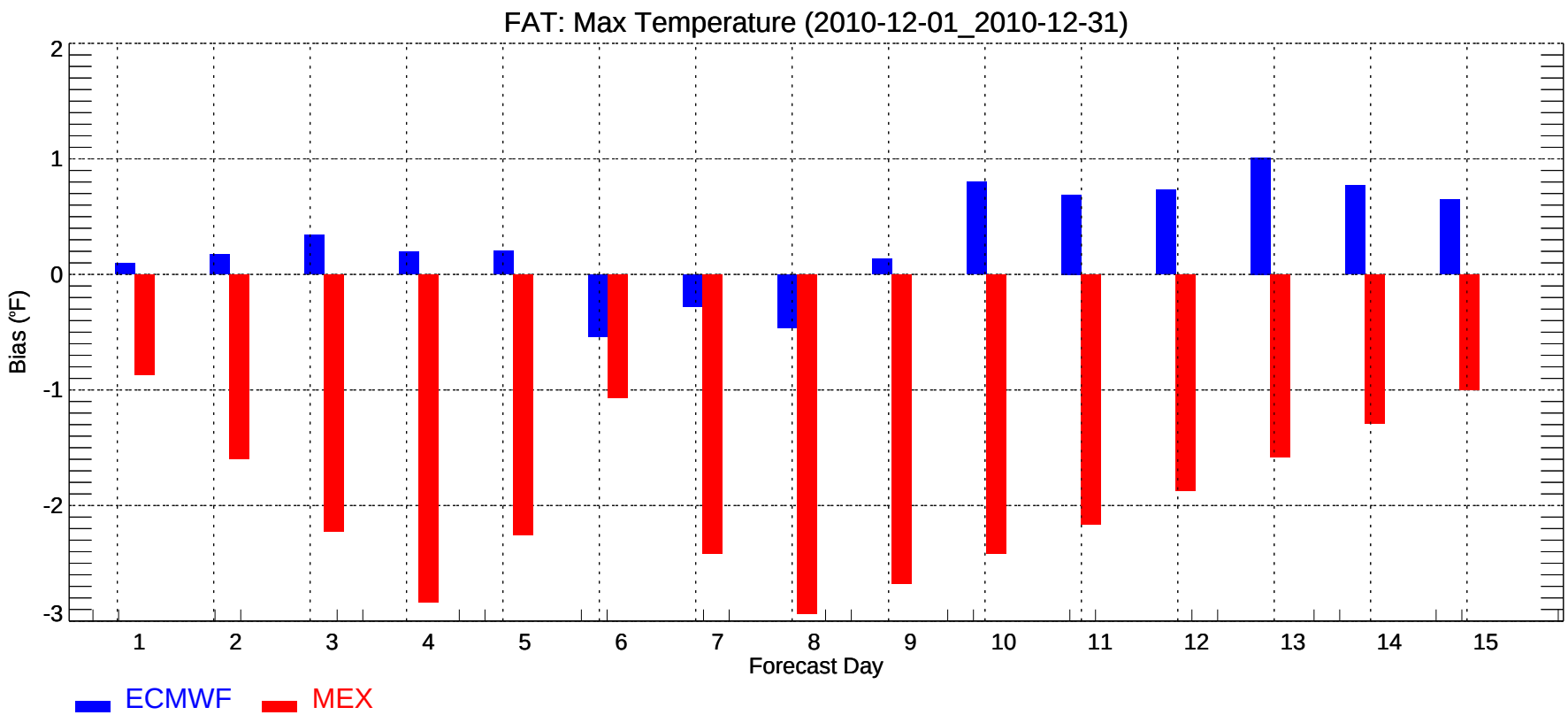

FAR: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

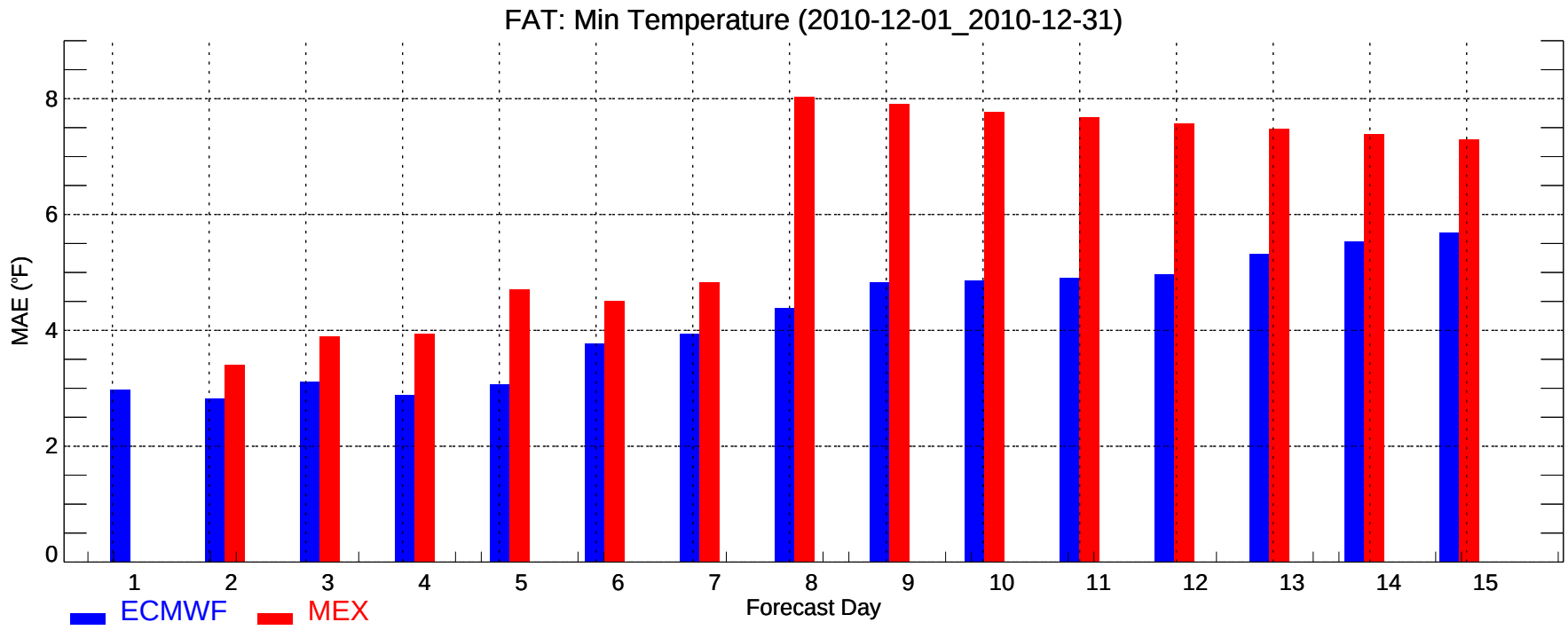

FAR: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

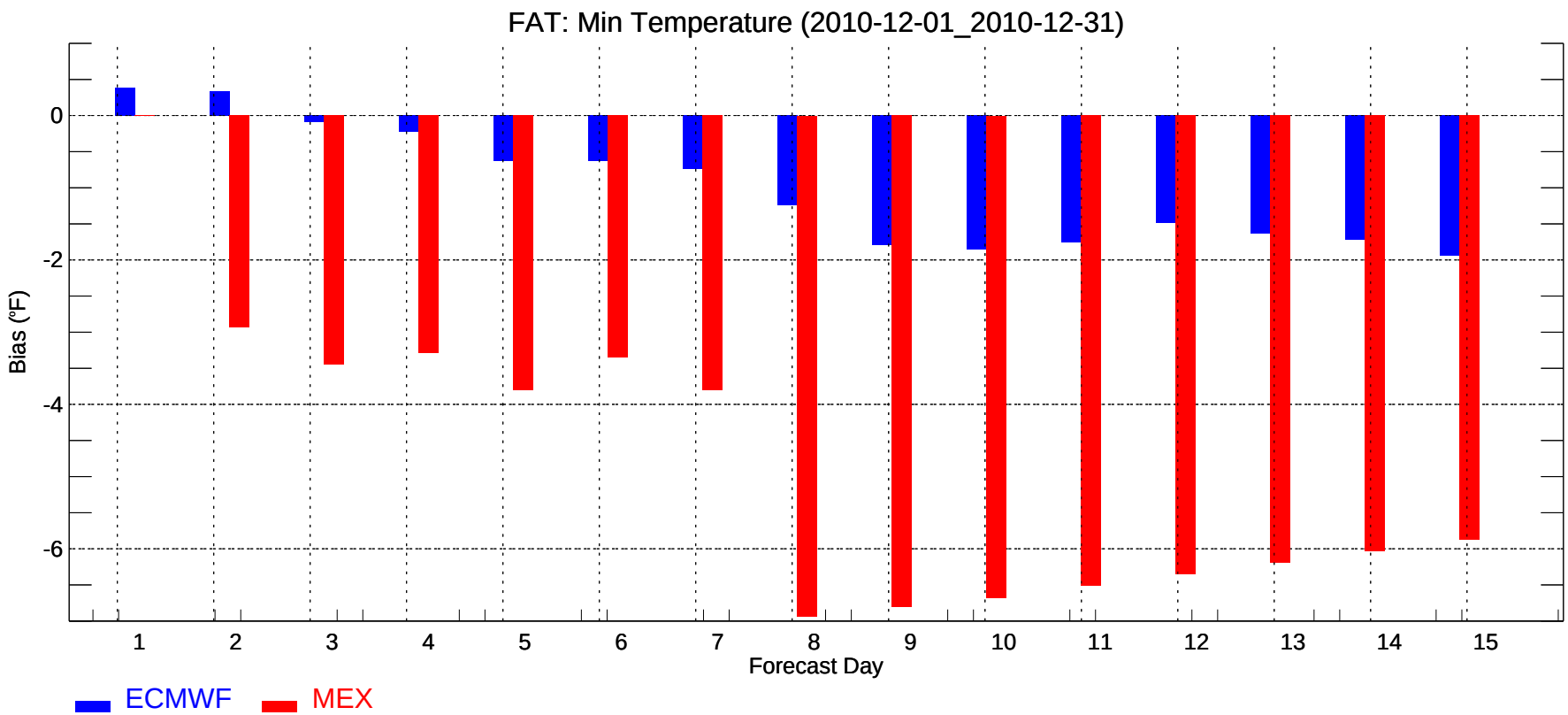

FAR: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

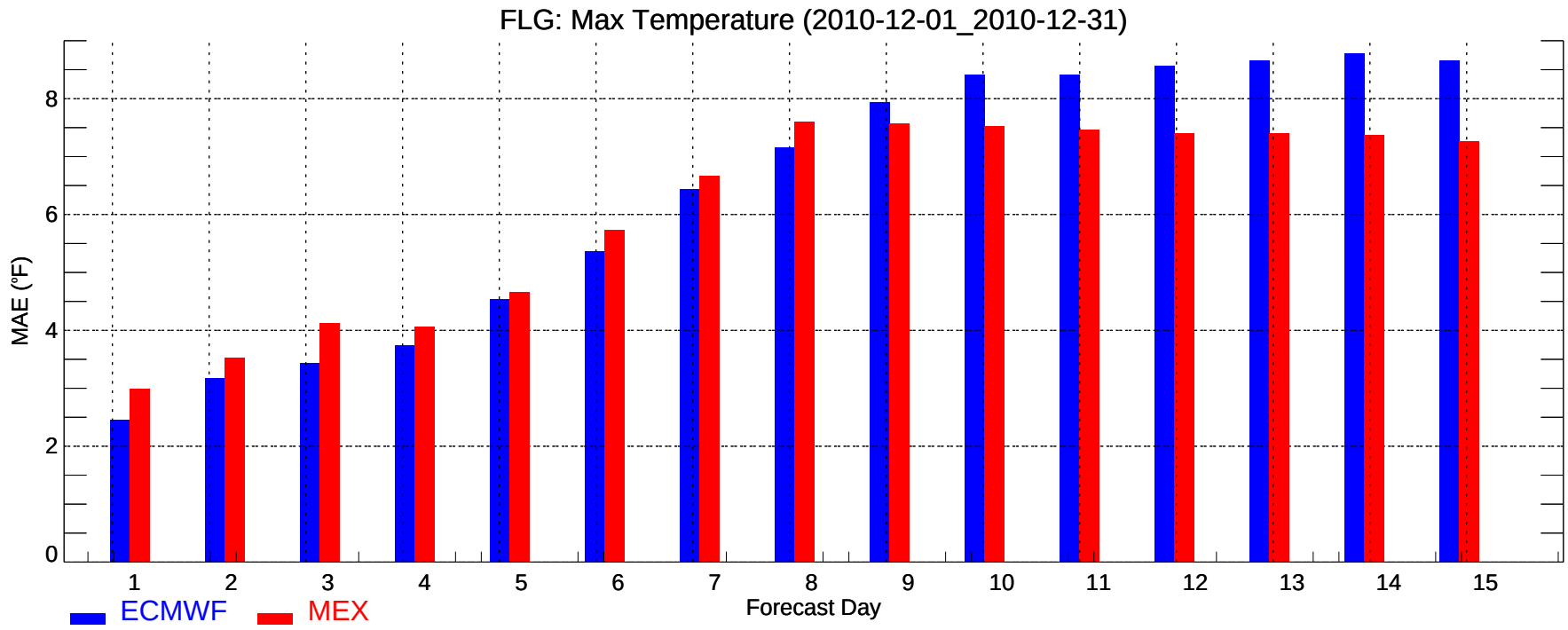

FAR: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

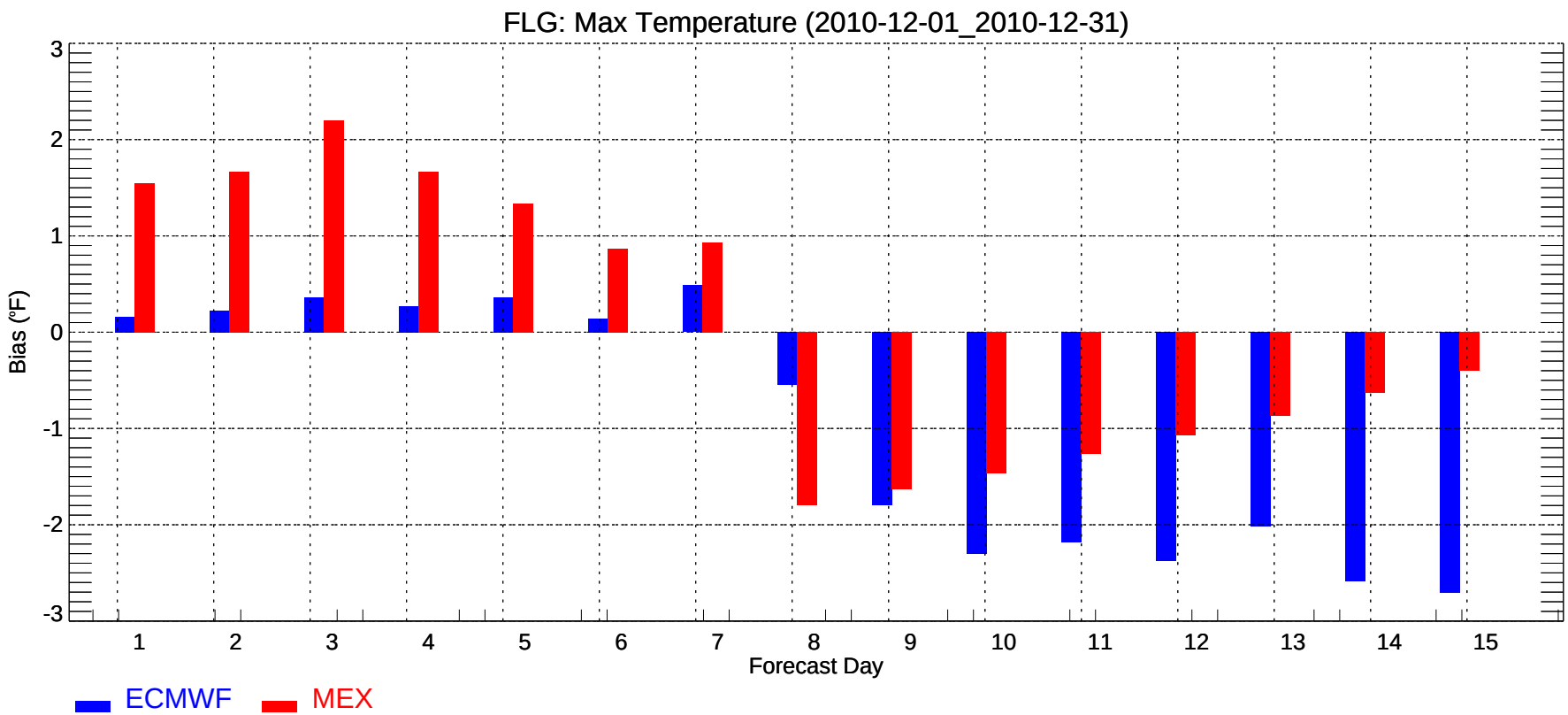

FAT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

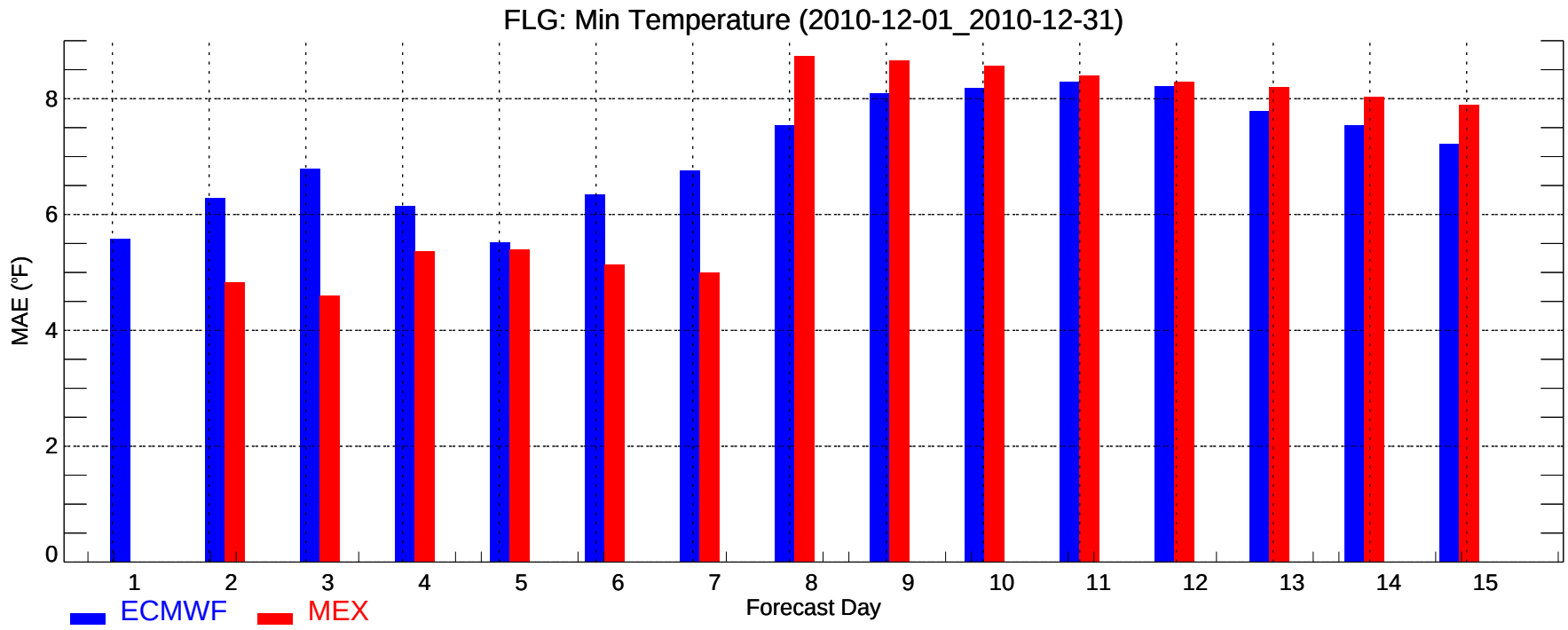

FAT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

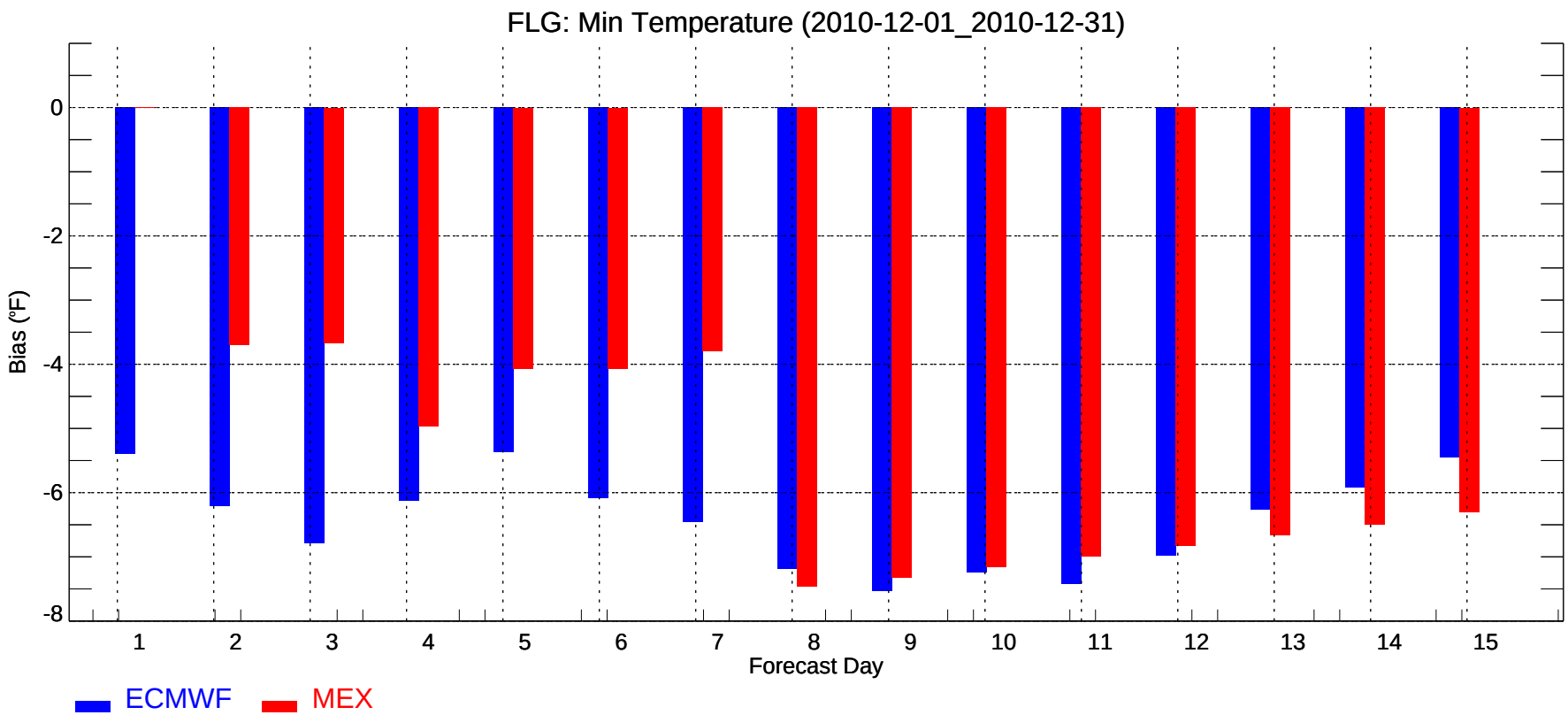

FAT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

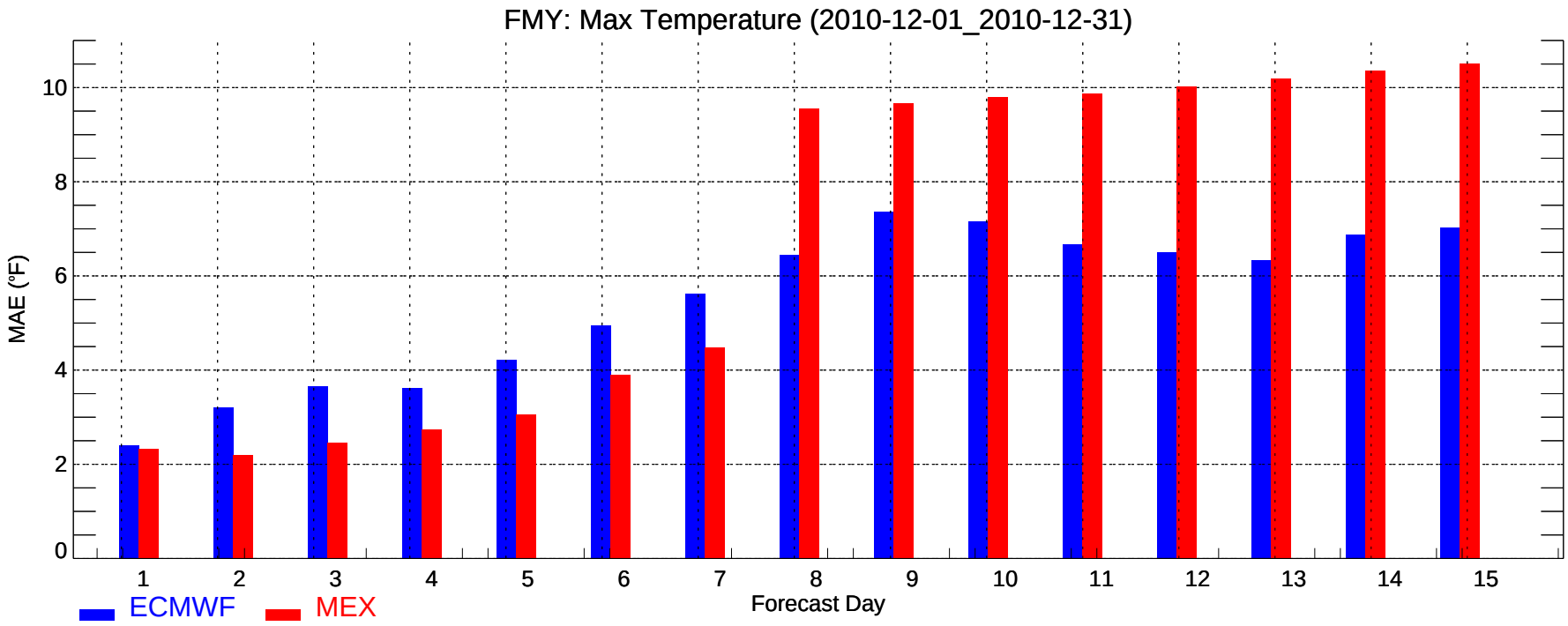

FAT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

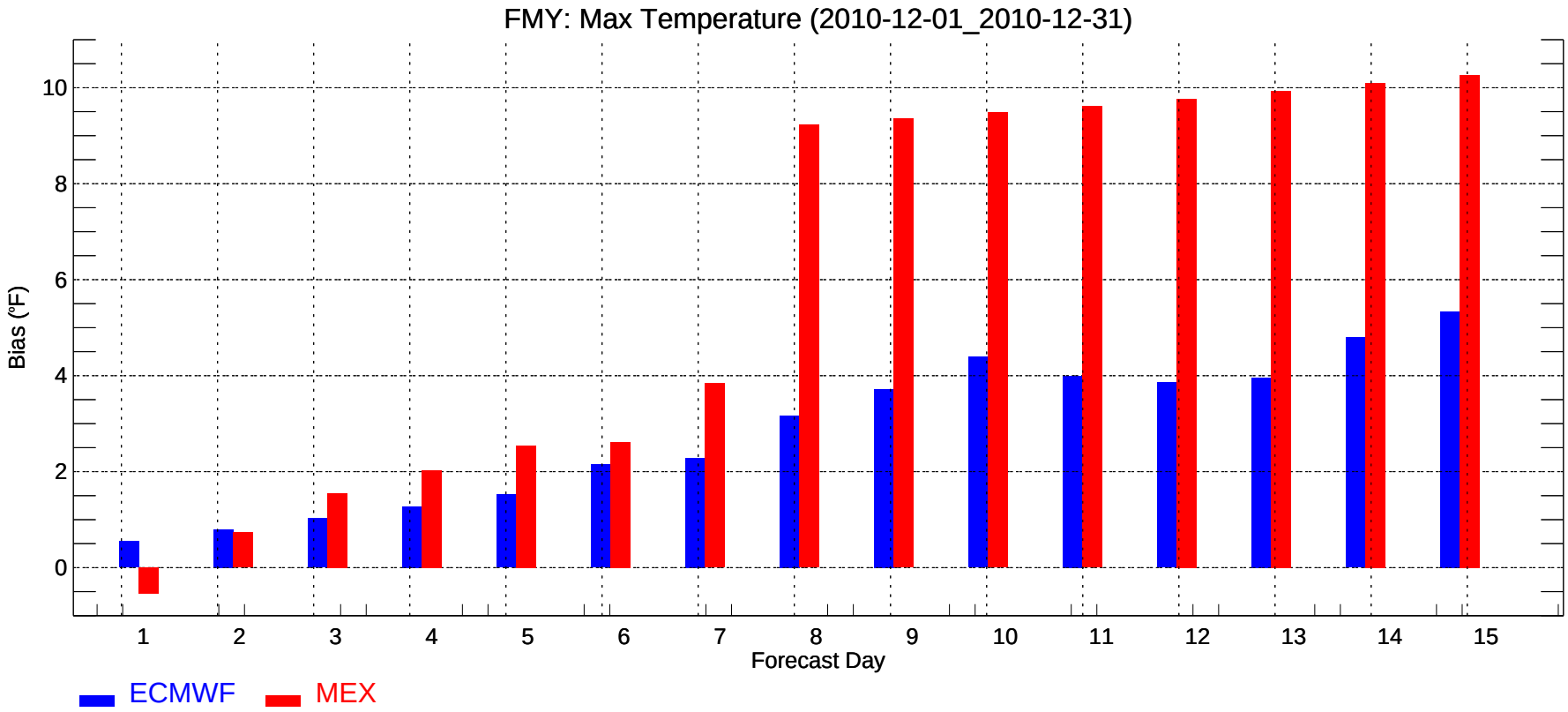

FLG: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

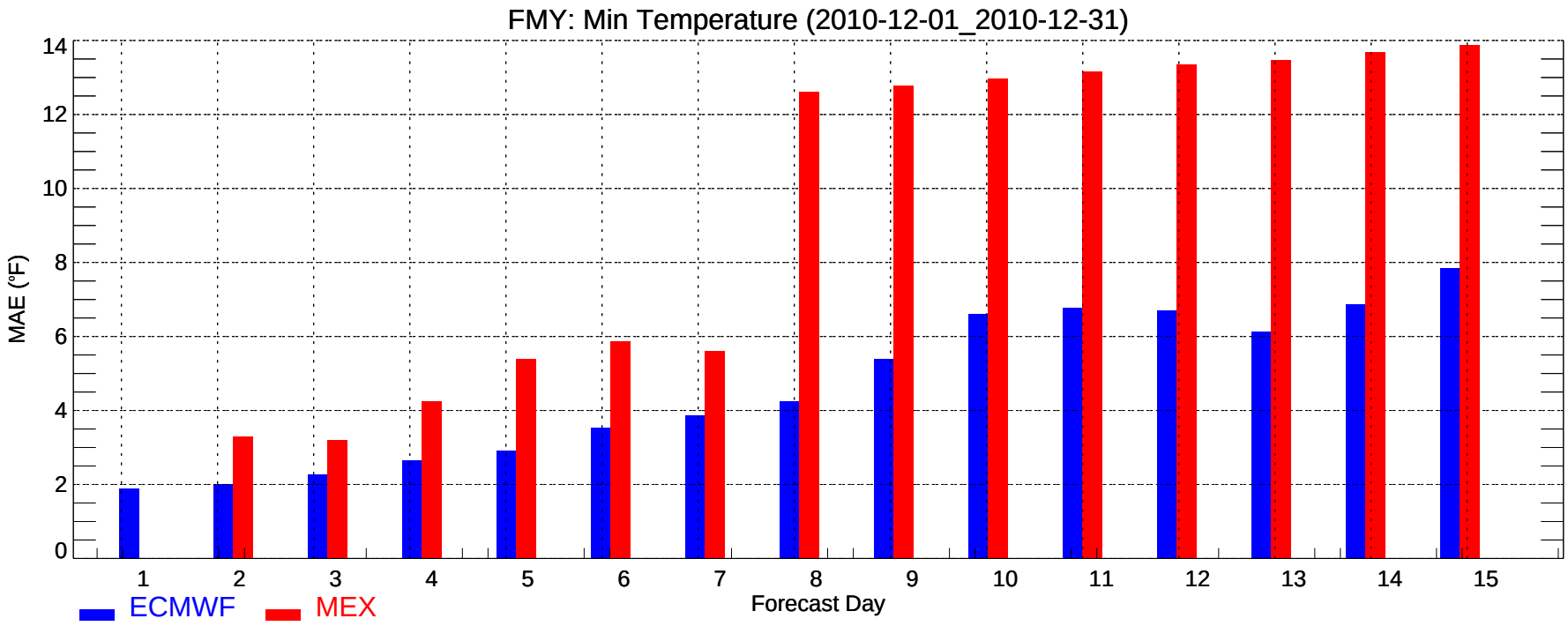

FLG: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

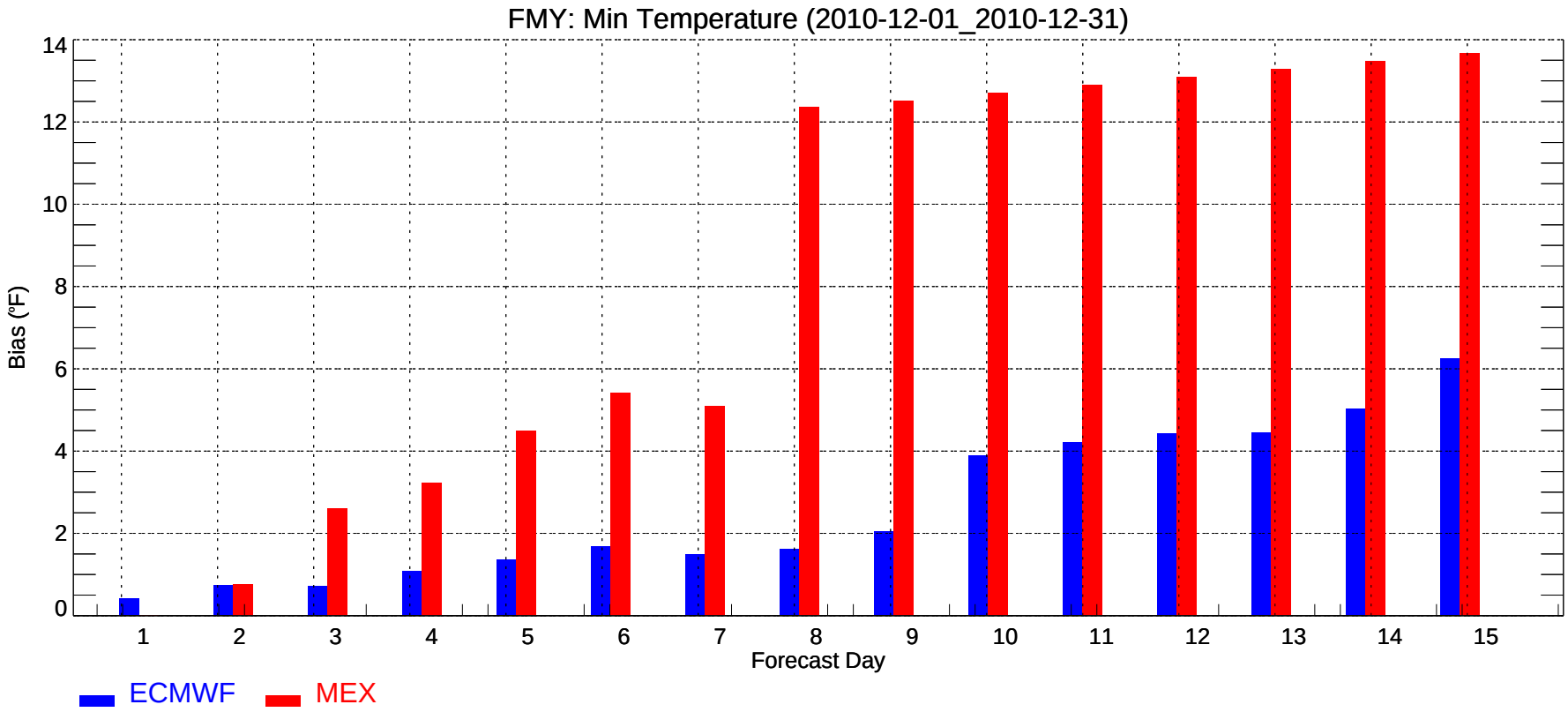

FLG: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

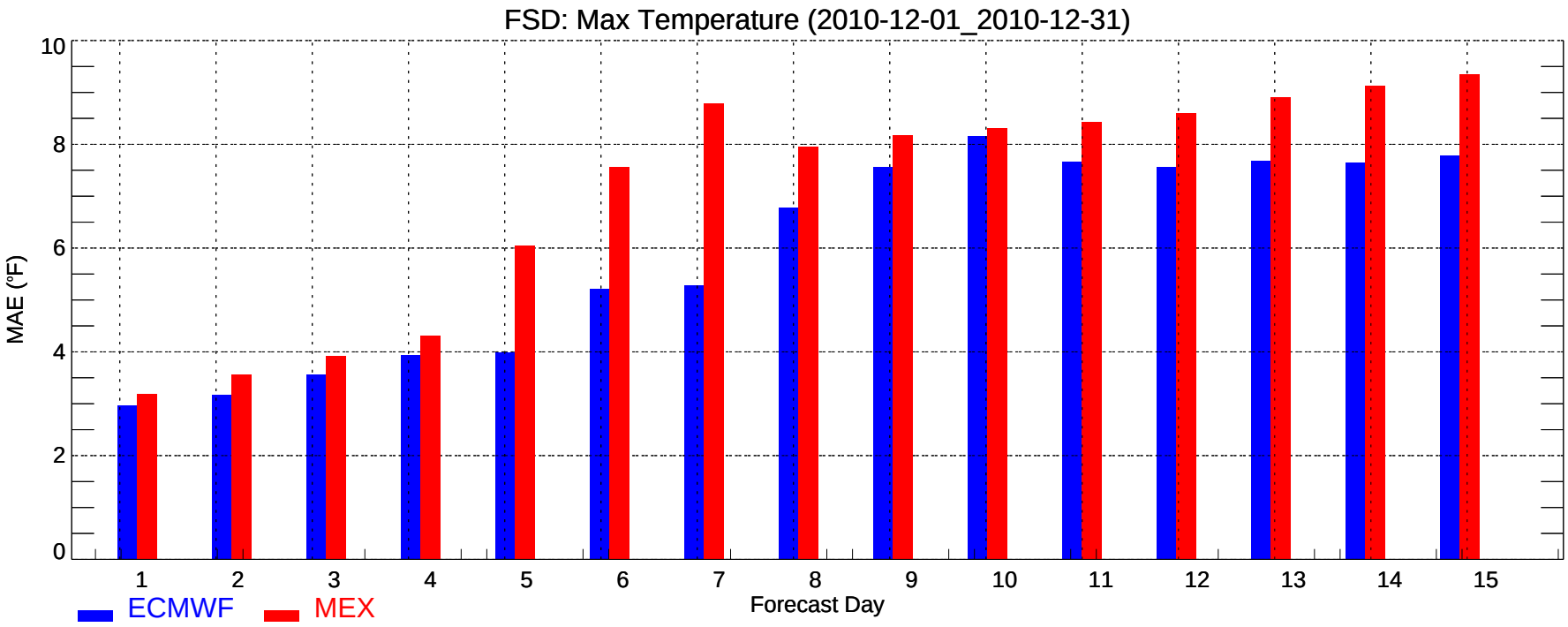

FLG: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

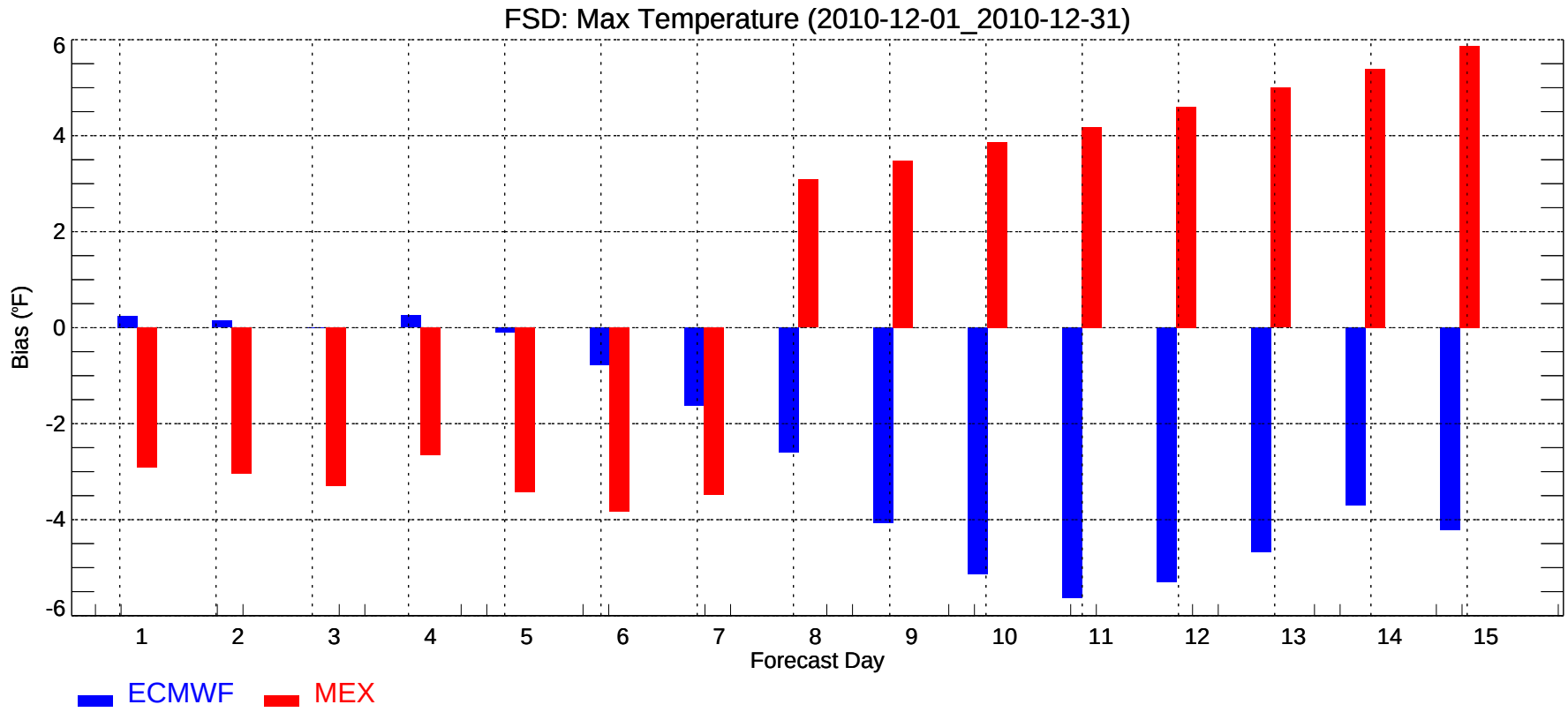

FMY: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

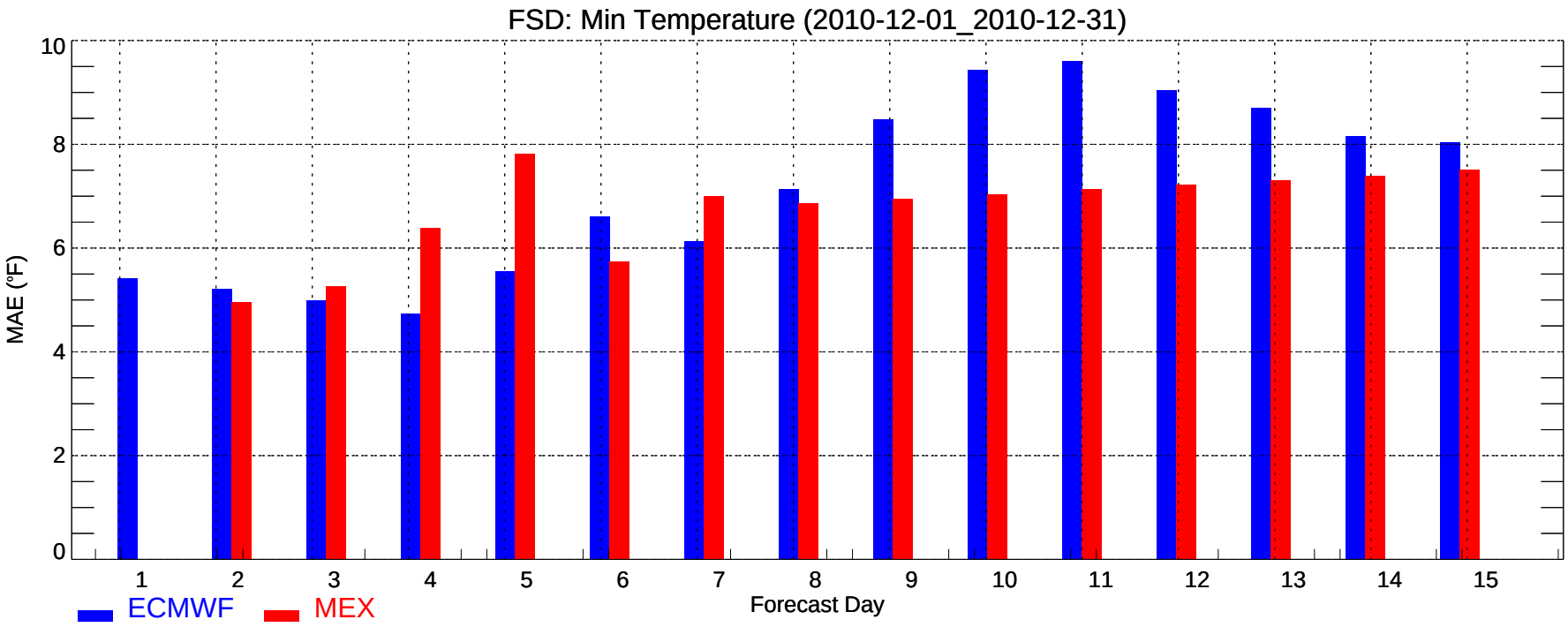

FMY: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

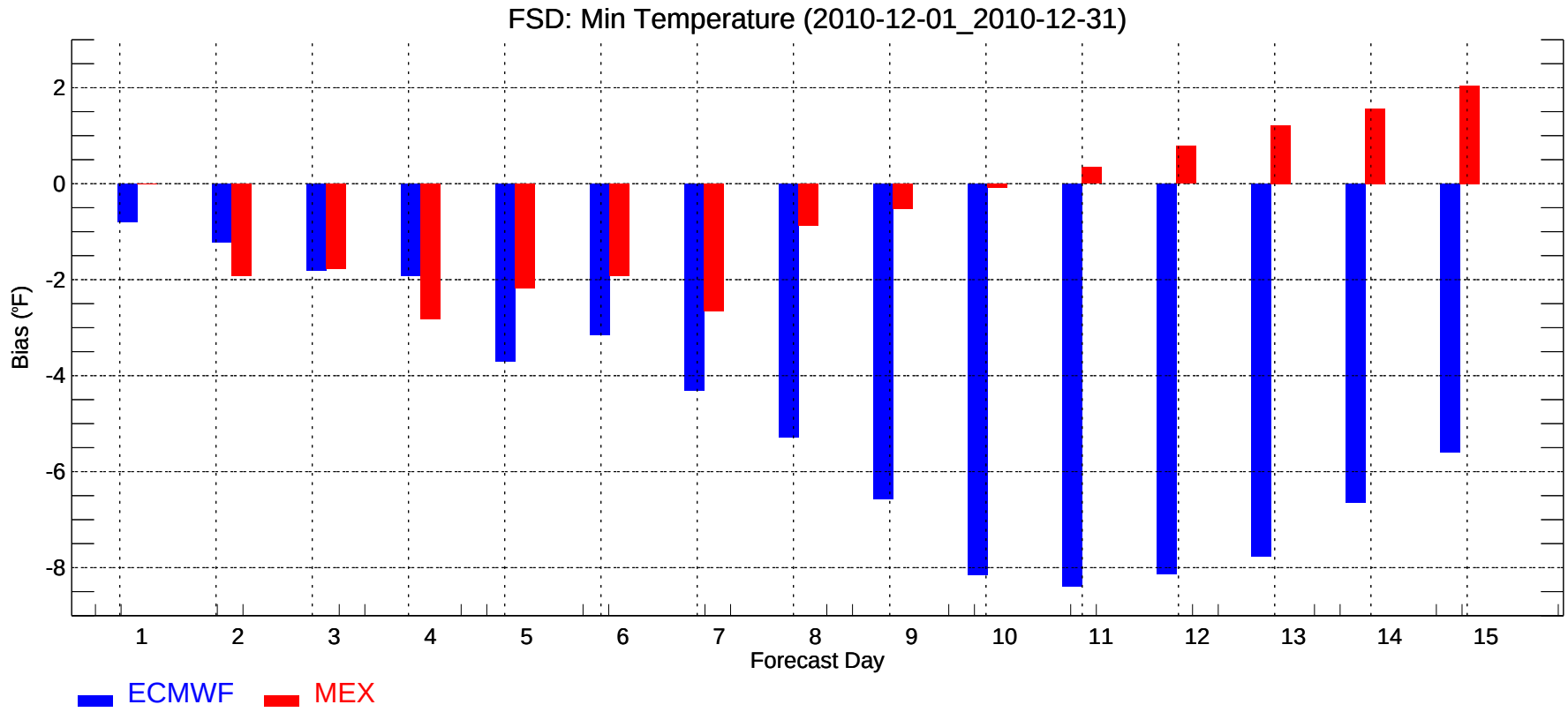

FMY: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

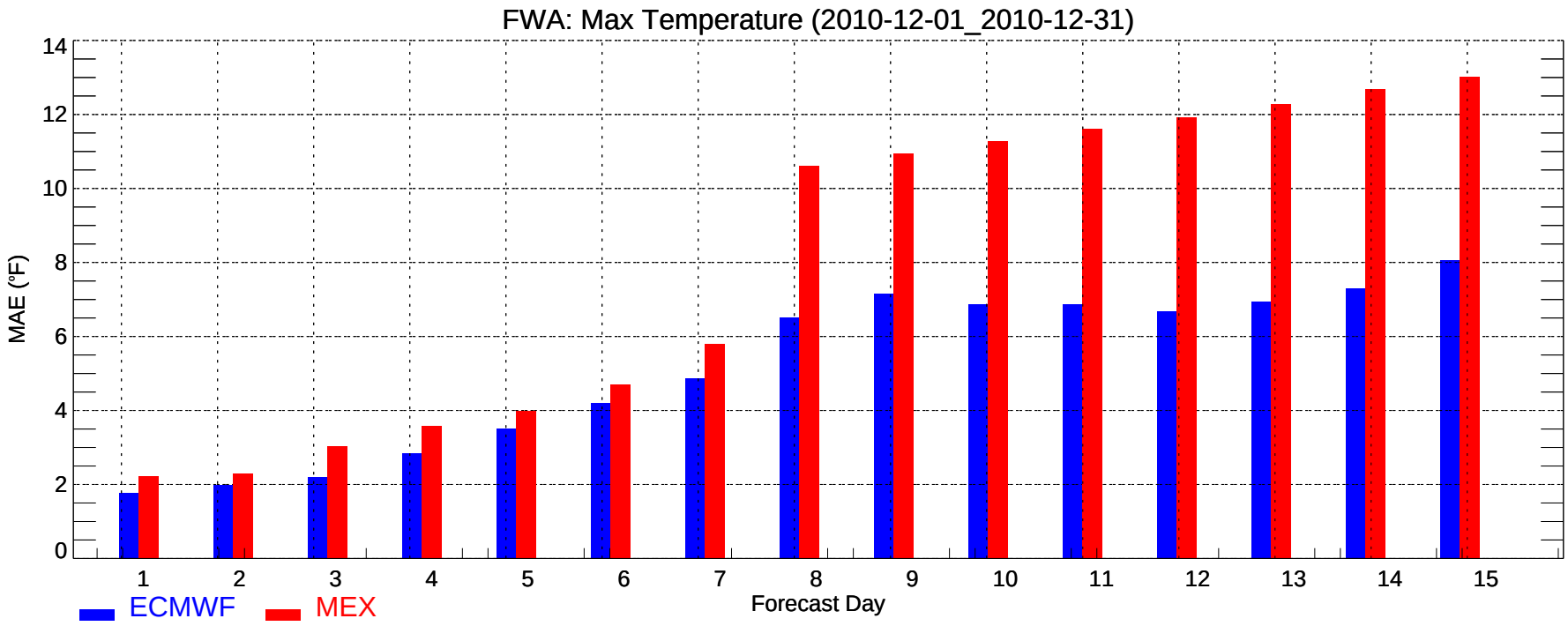

FMY: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

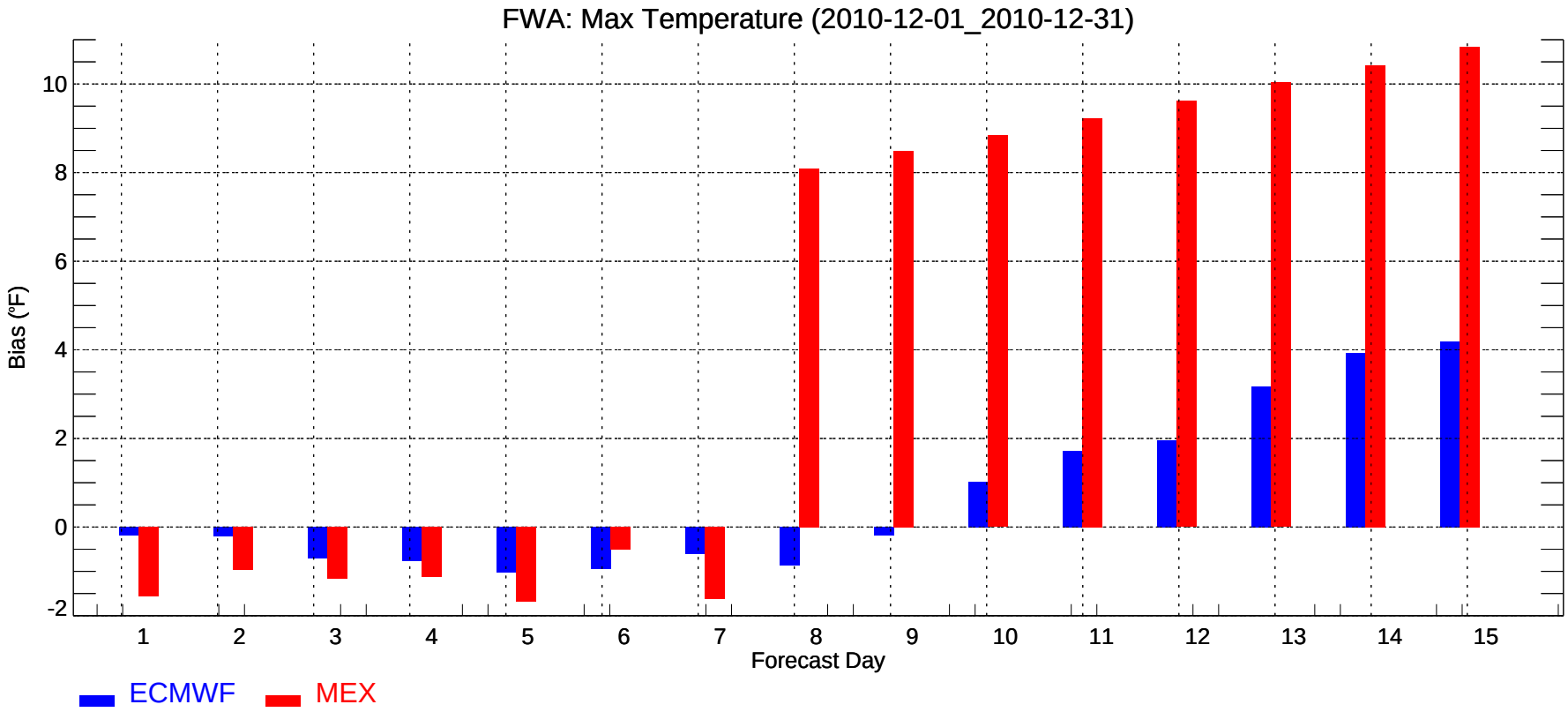

FSD: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

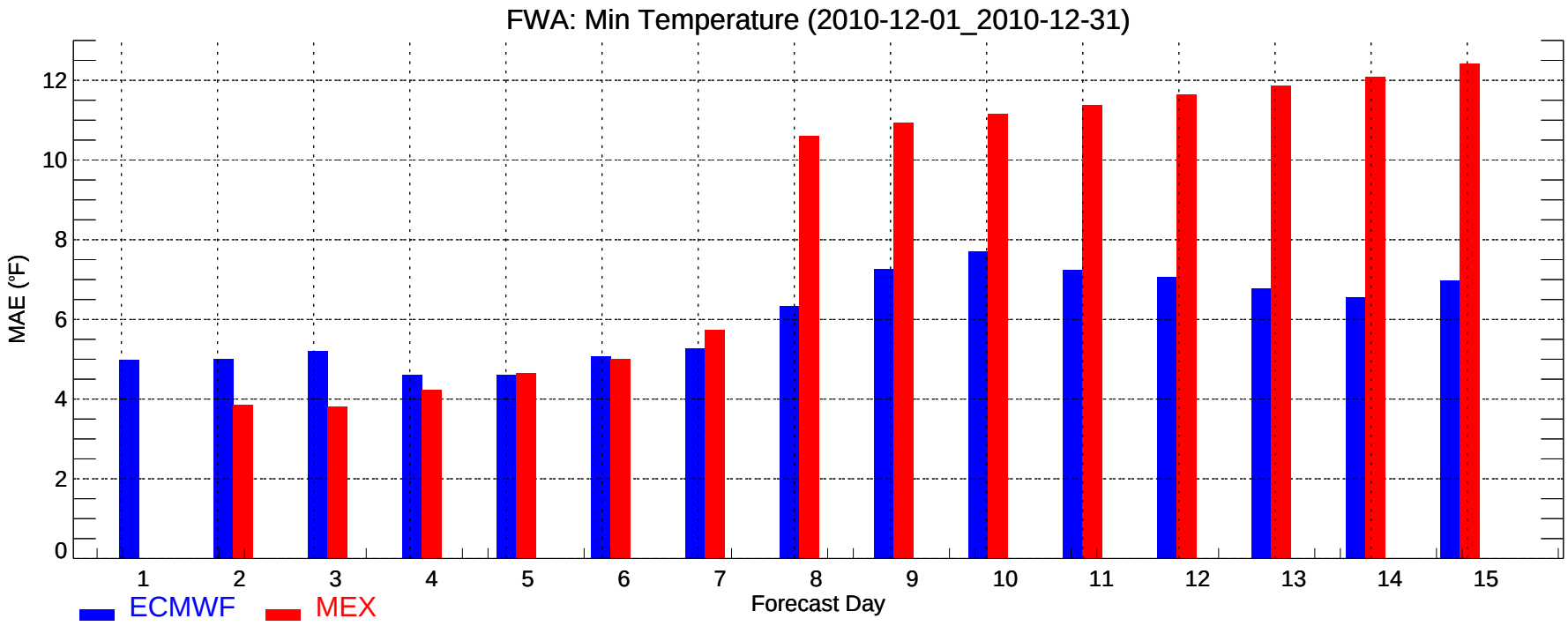

FSD: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
6
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

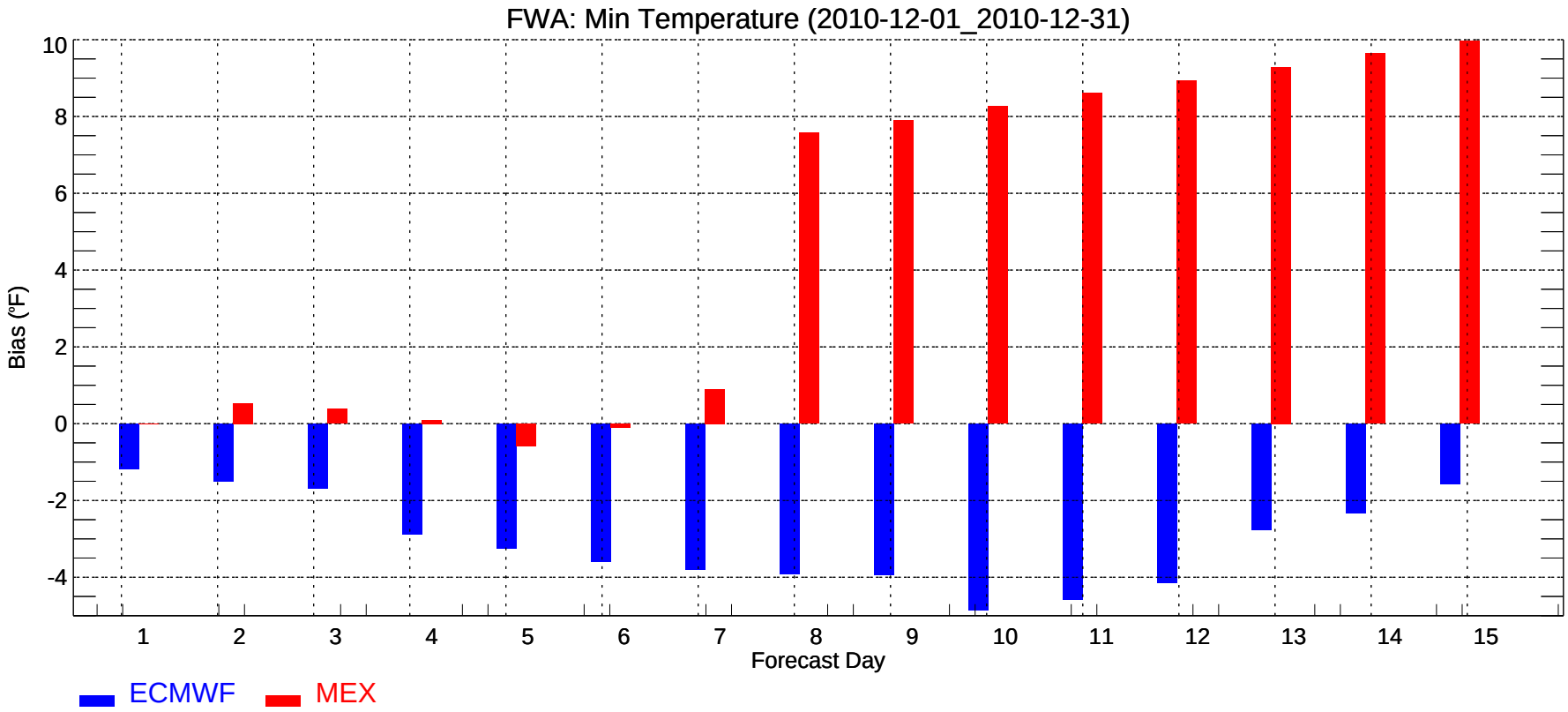

FSD: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

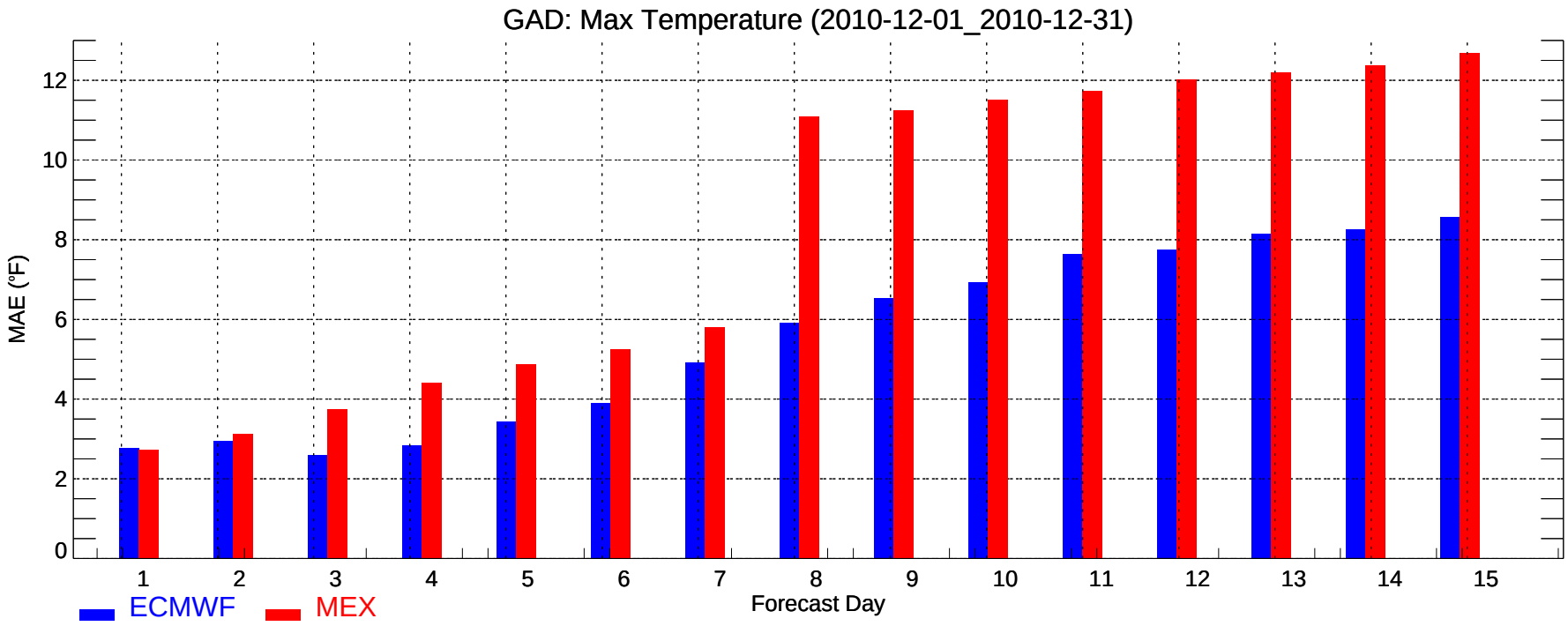

FSD: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

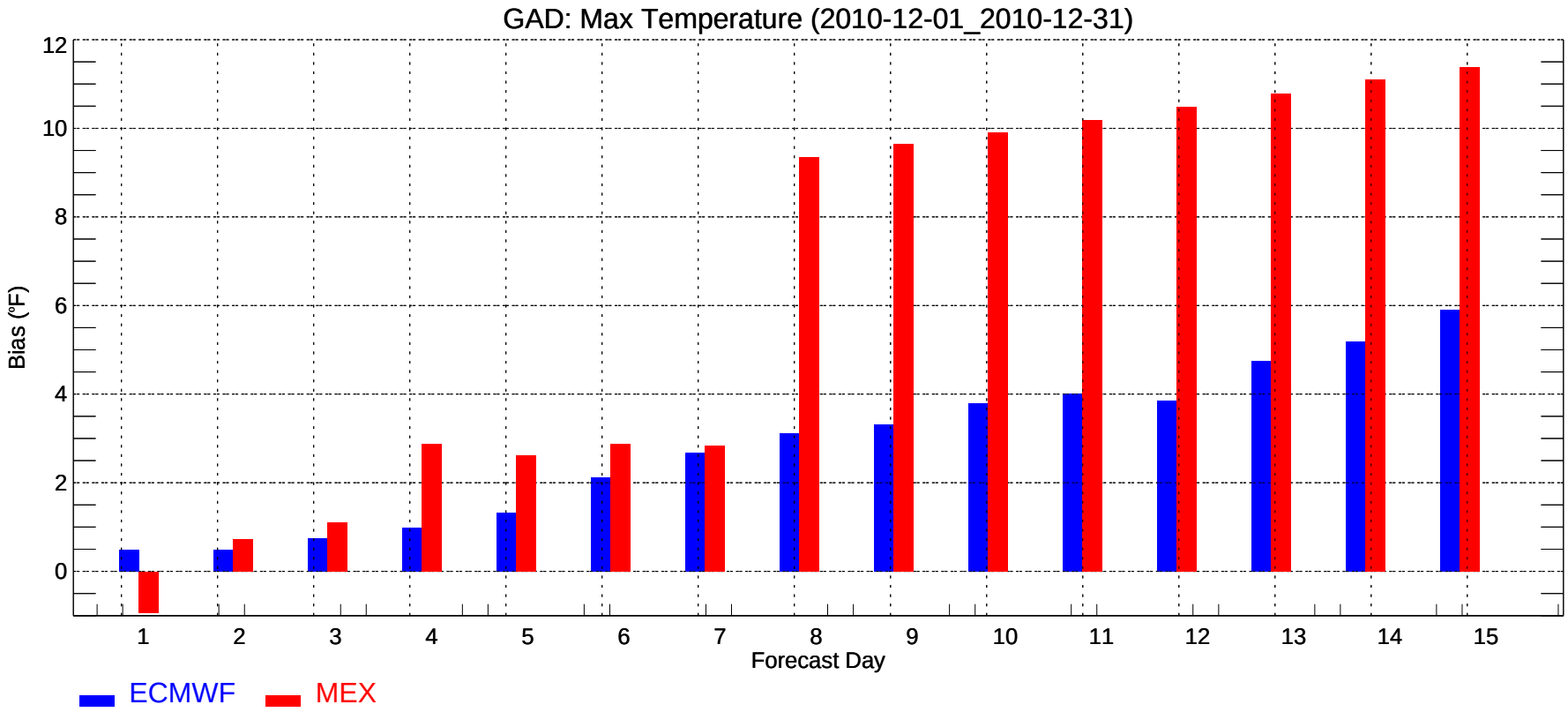

FWA: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

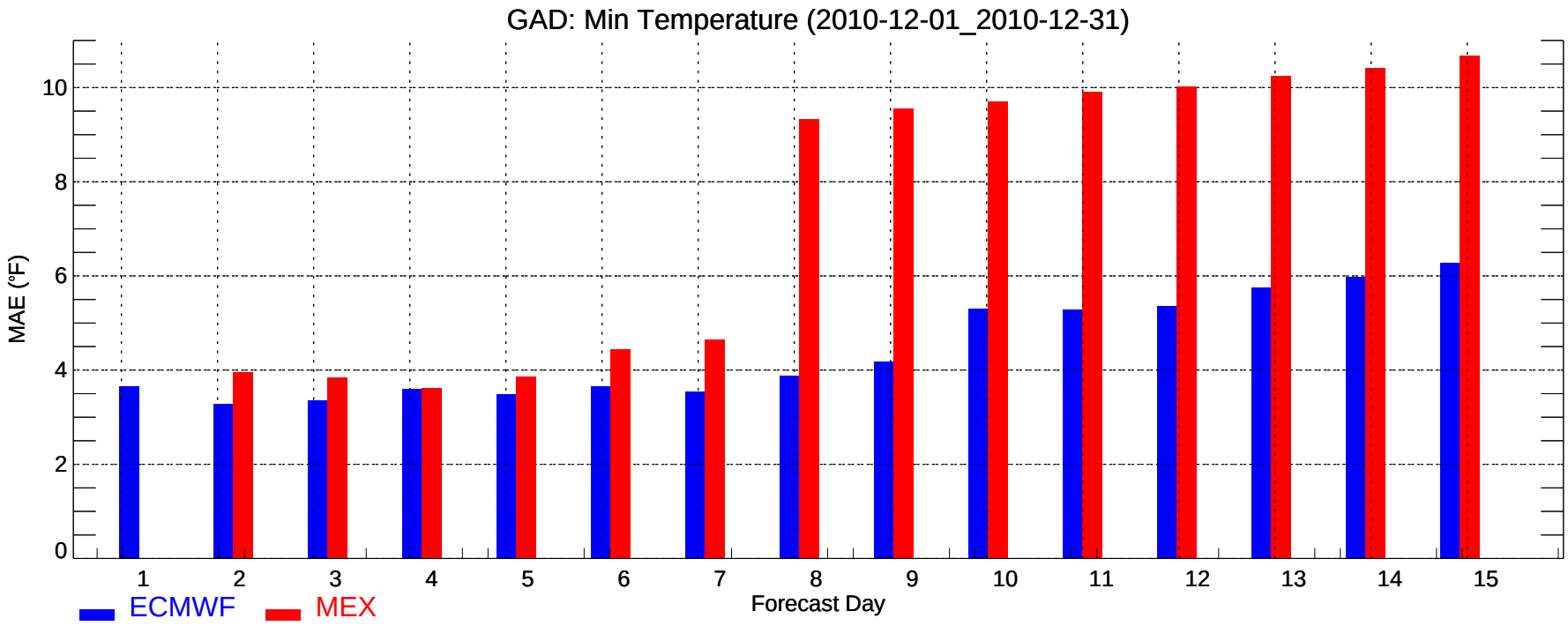

FWA: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

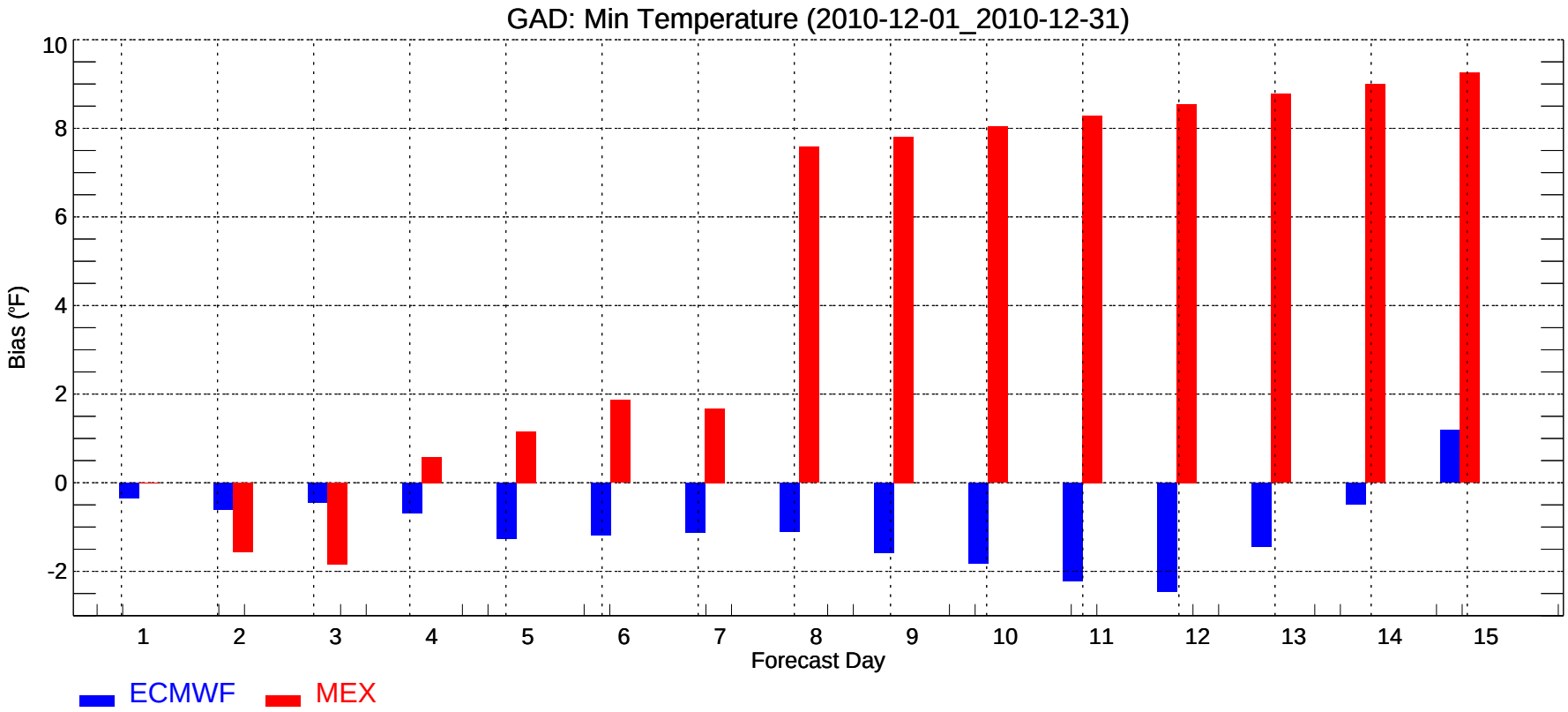

FWA: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

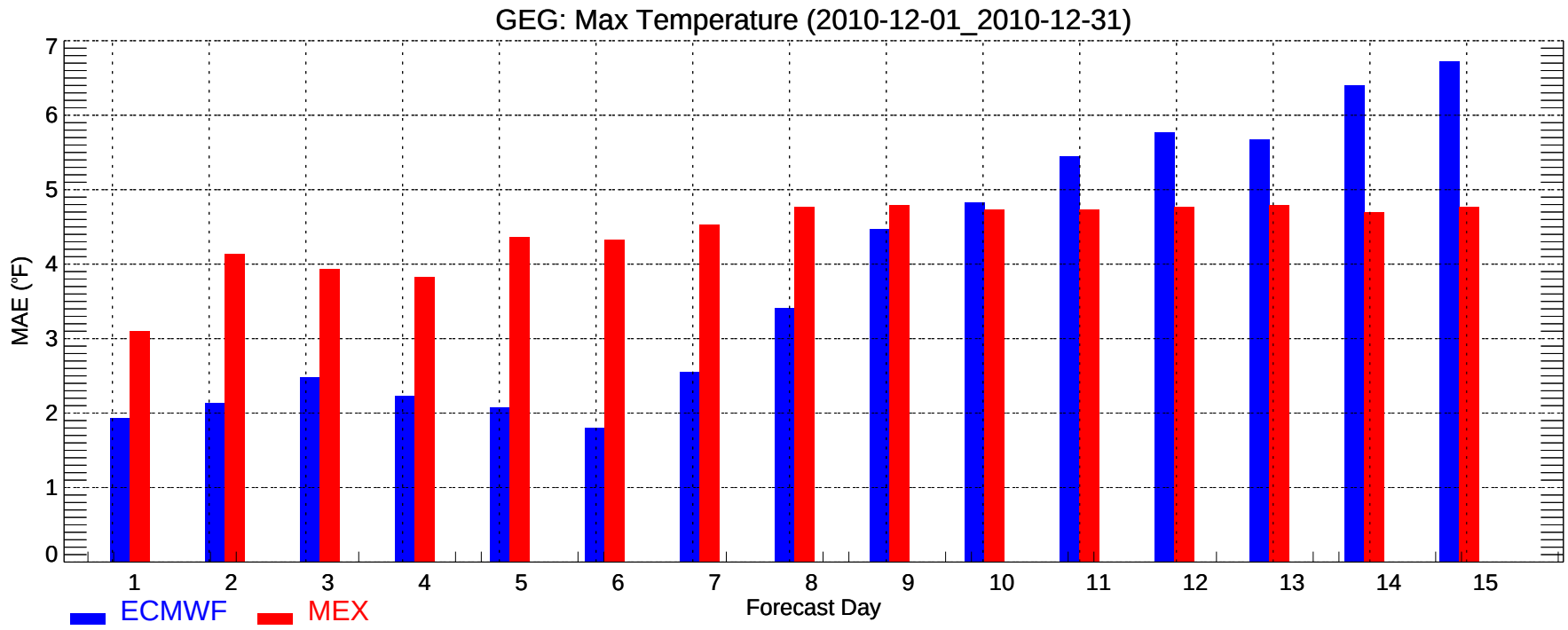

FWA: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

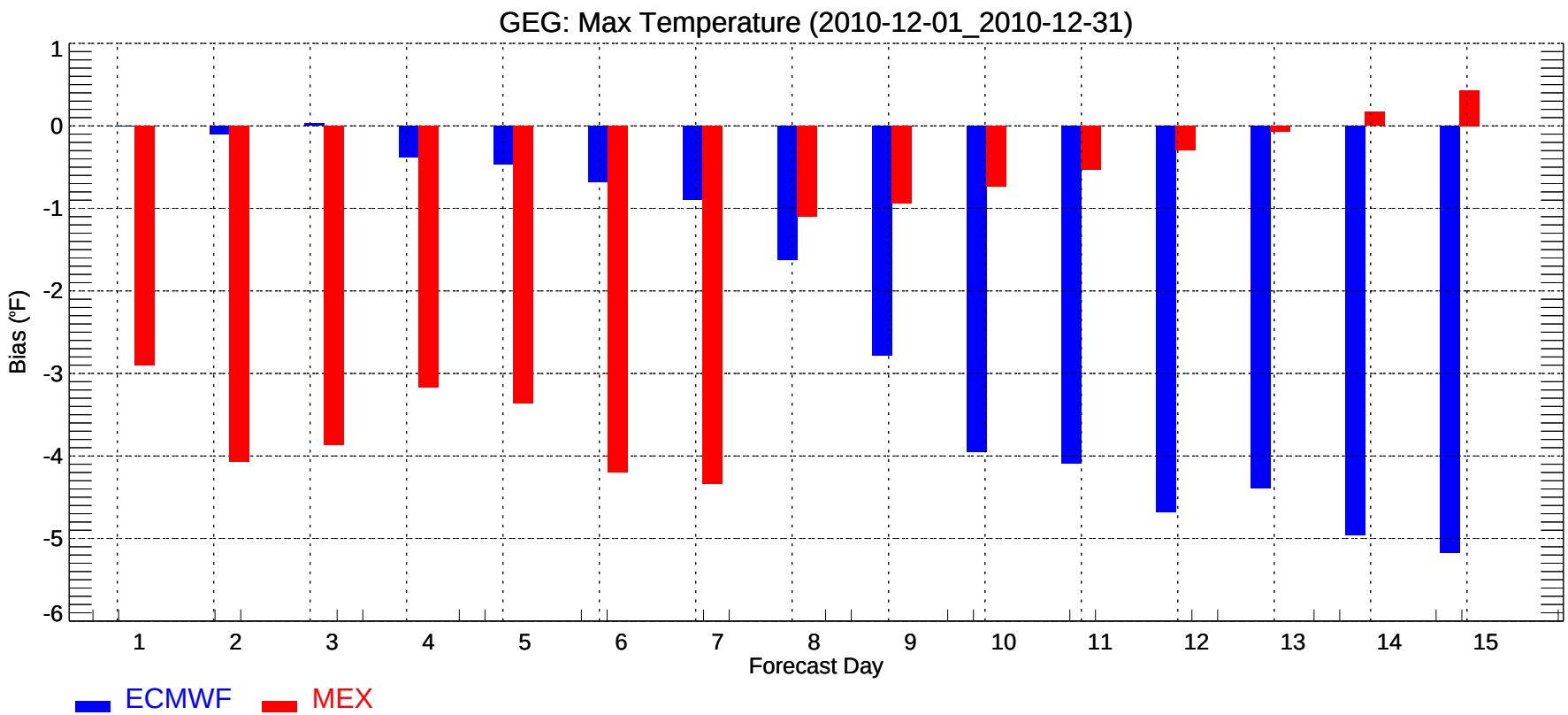

GAD: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

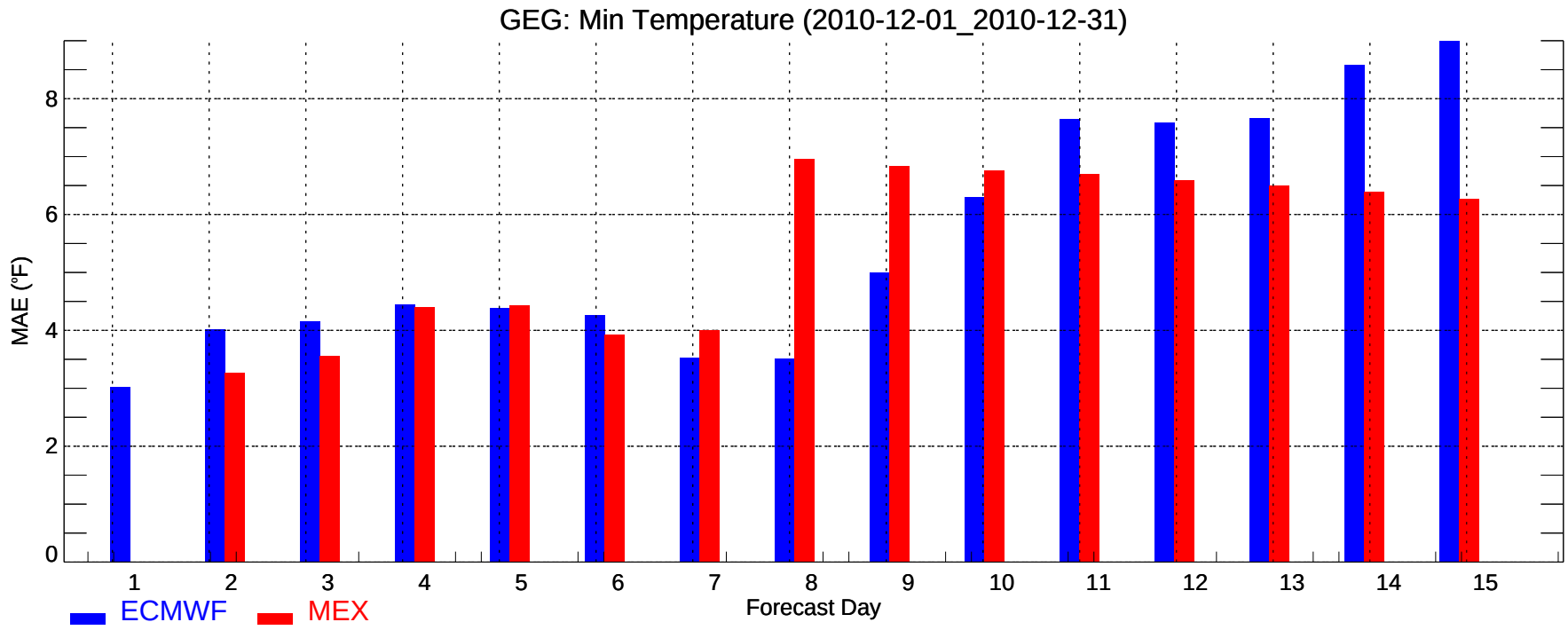

GAD: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

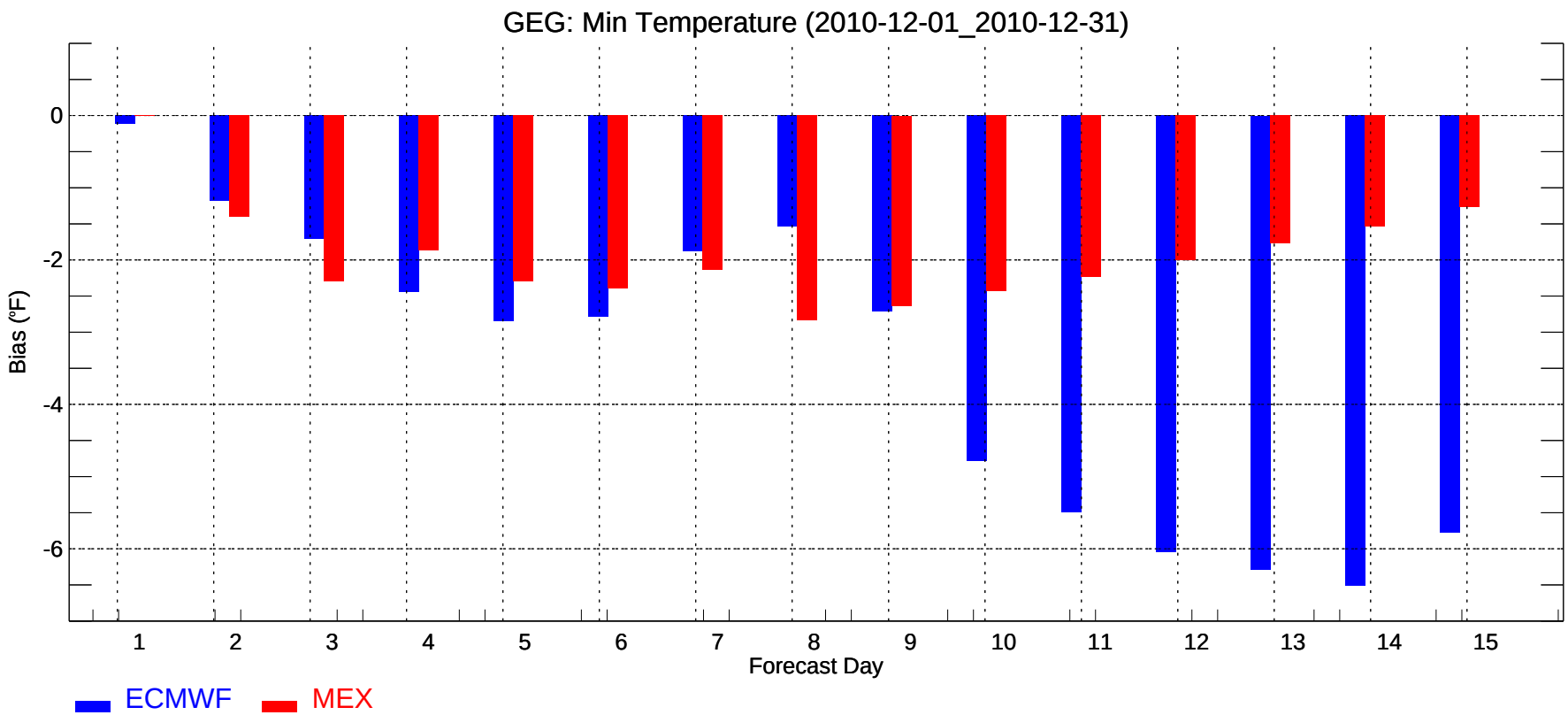

GAD: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

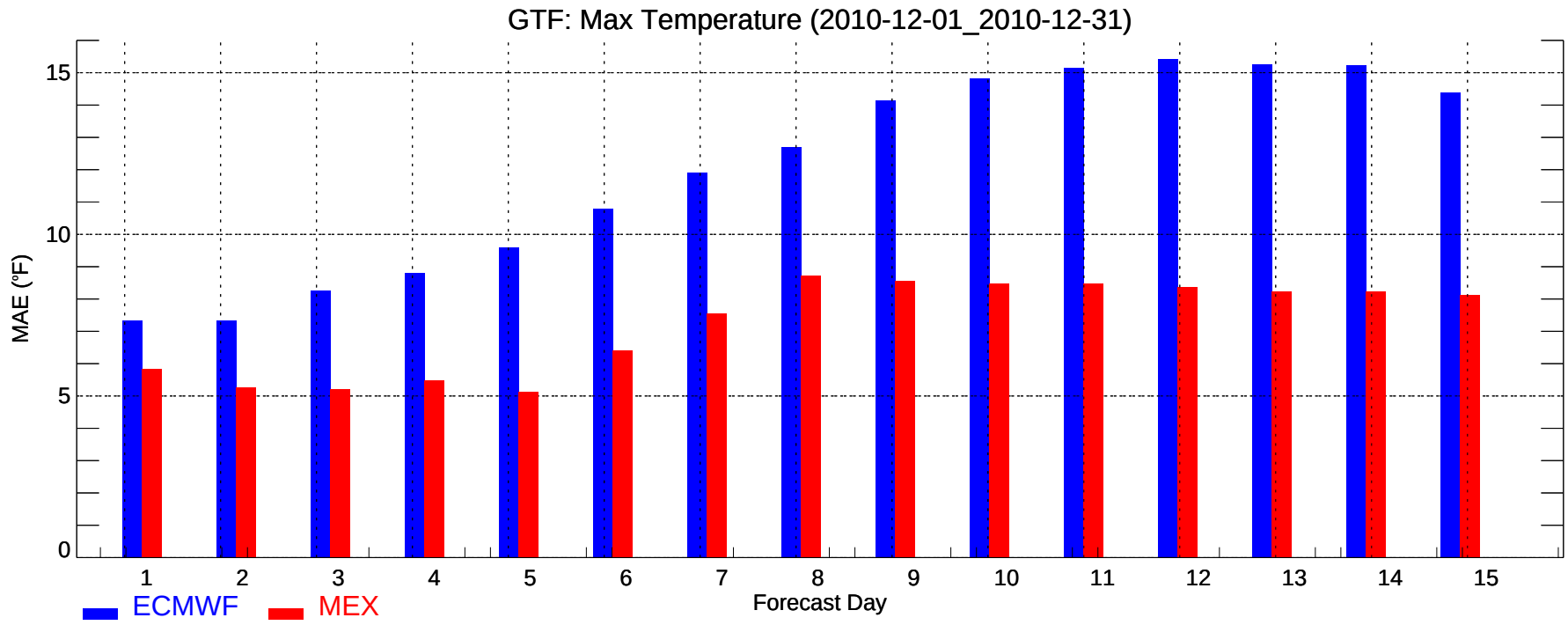

GAD: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

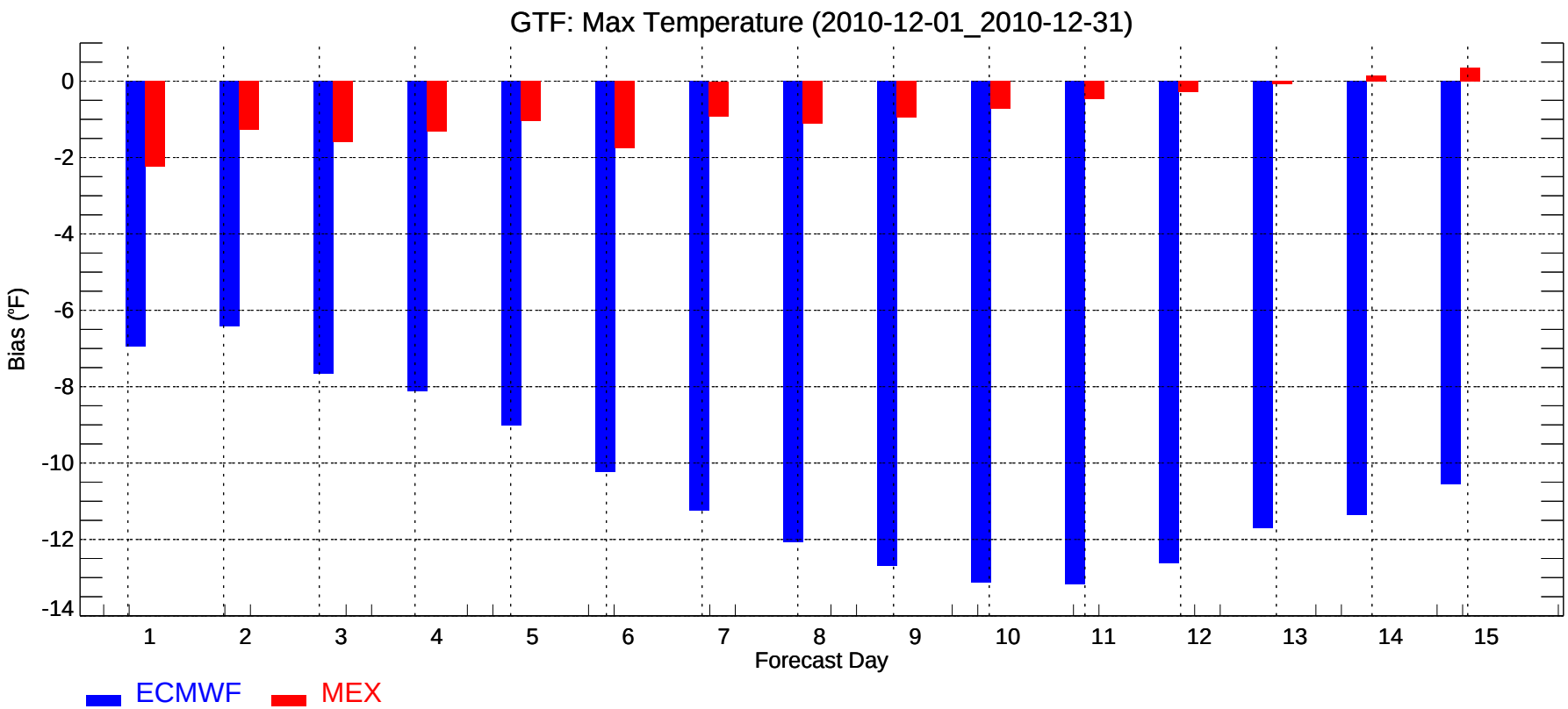

GEG: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

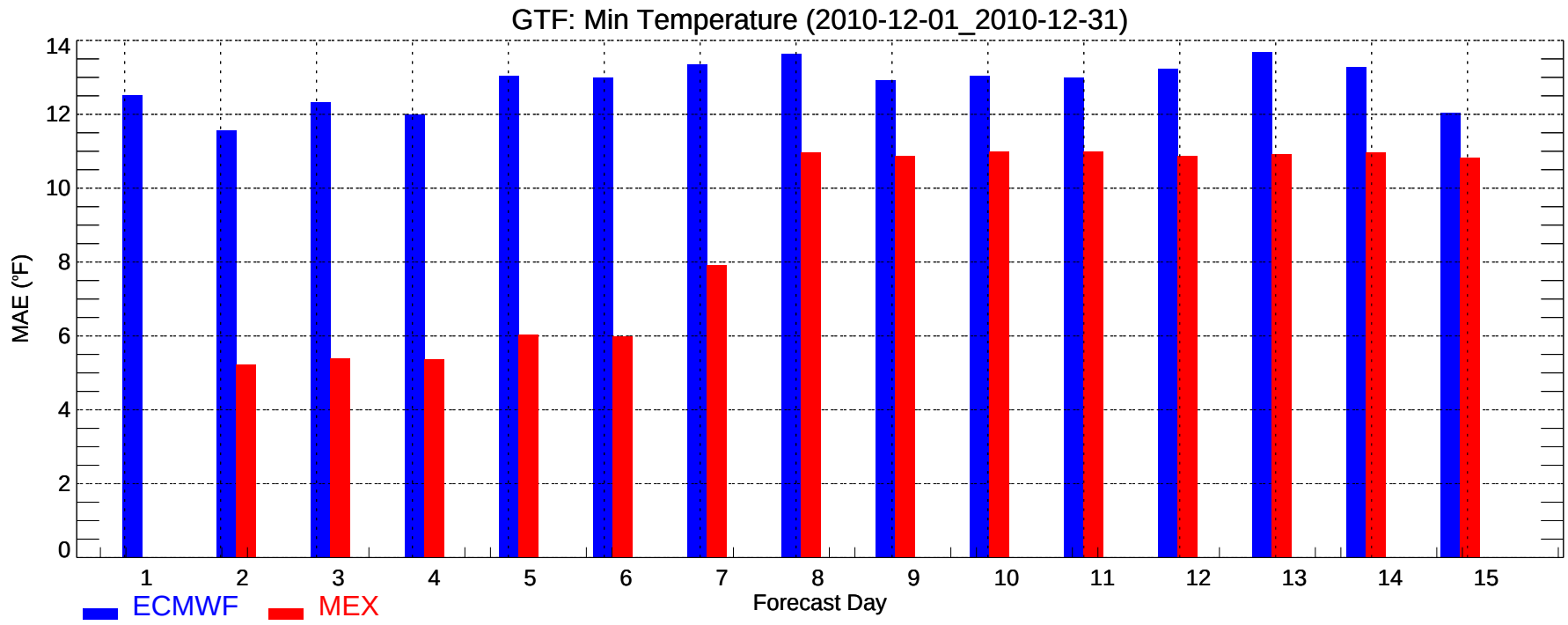

GEG: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

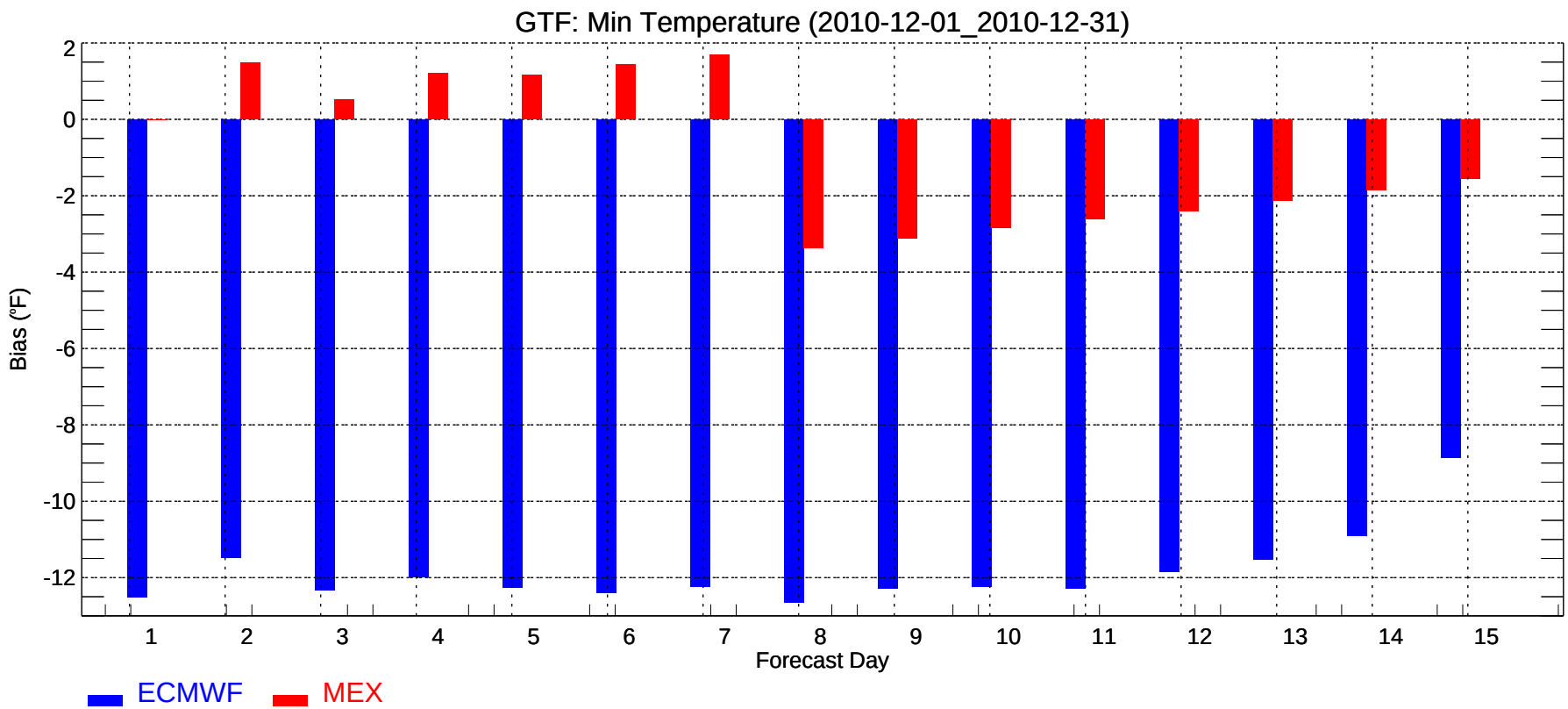

GEG: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

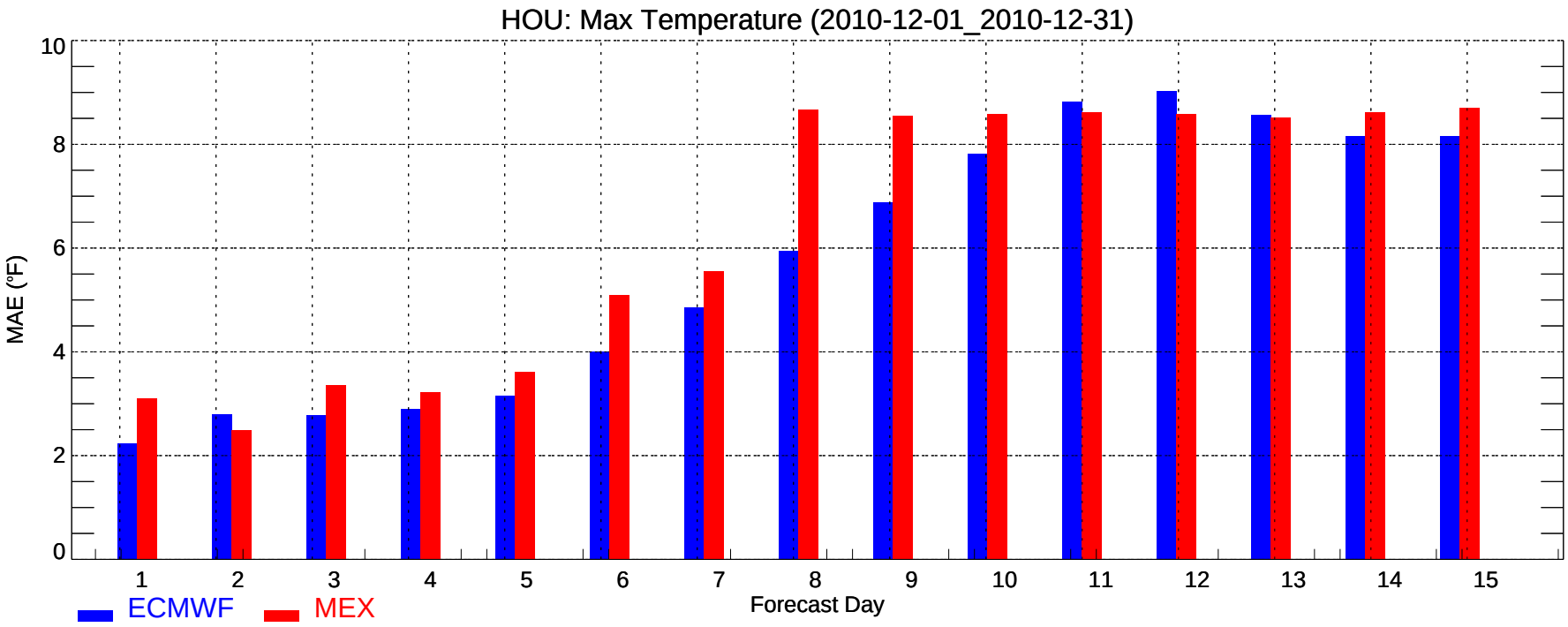

GEG: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

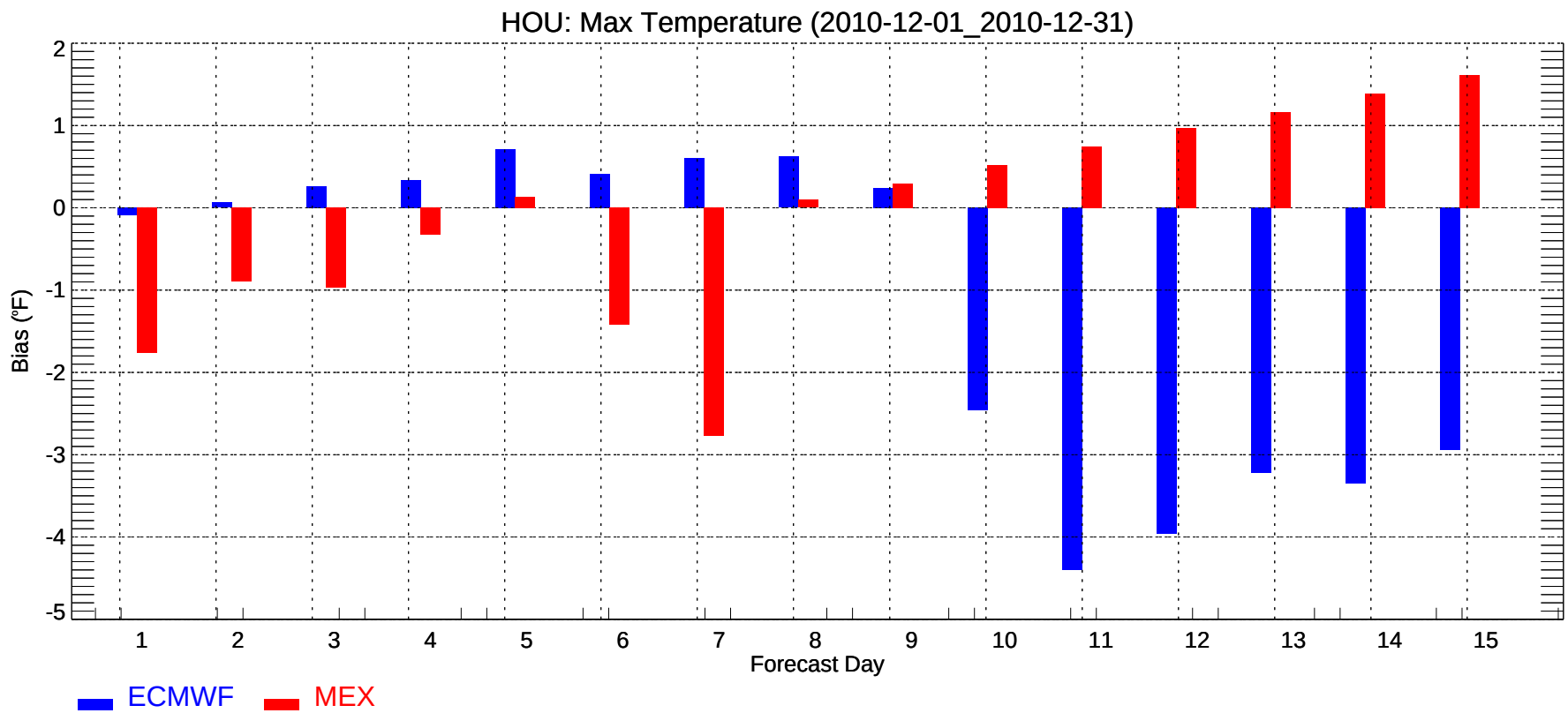

GTF: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

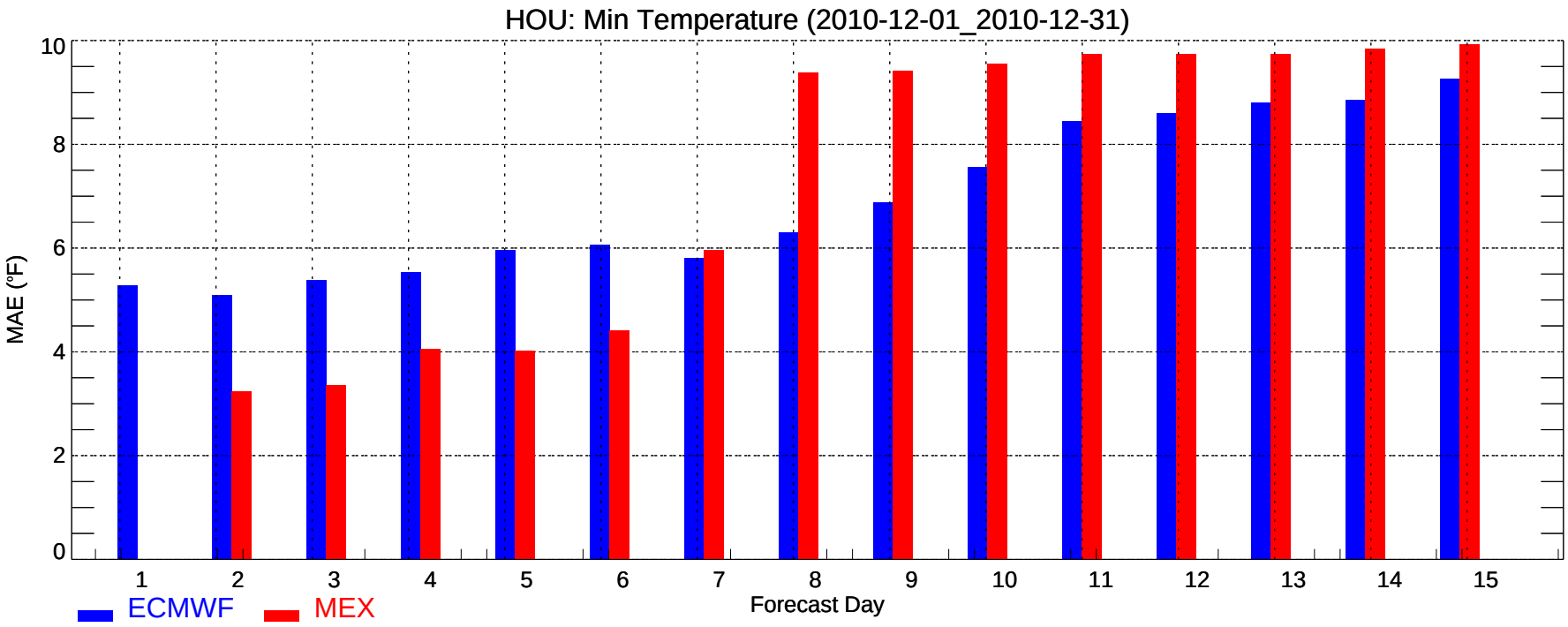

GTF: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
-14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

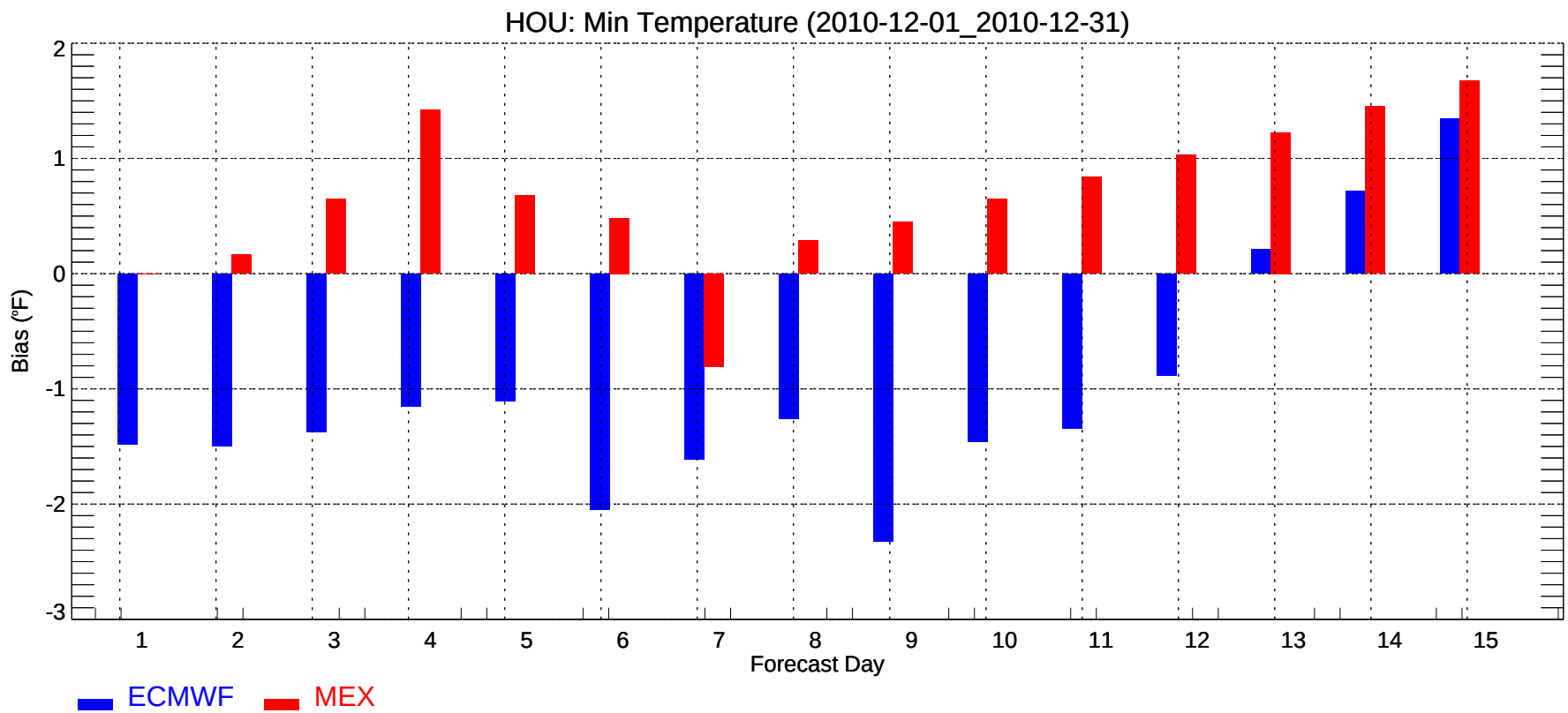

GTF: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

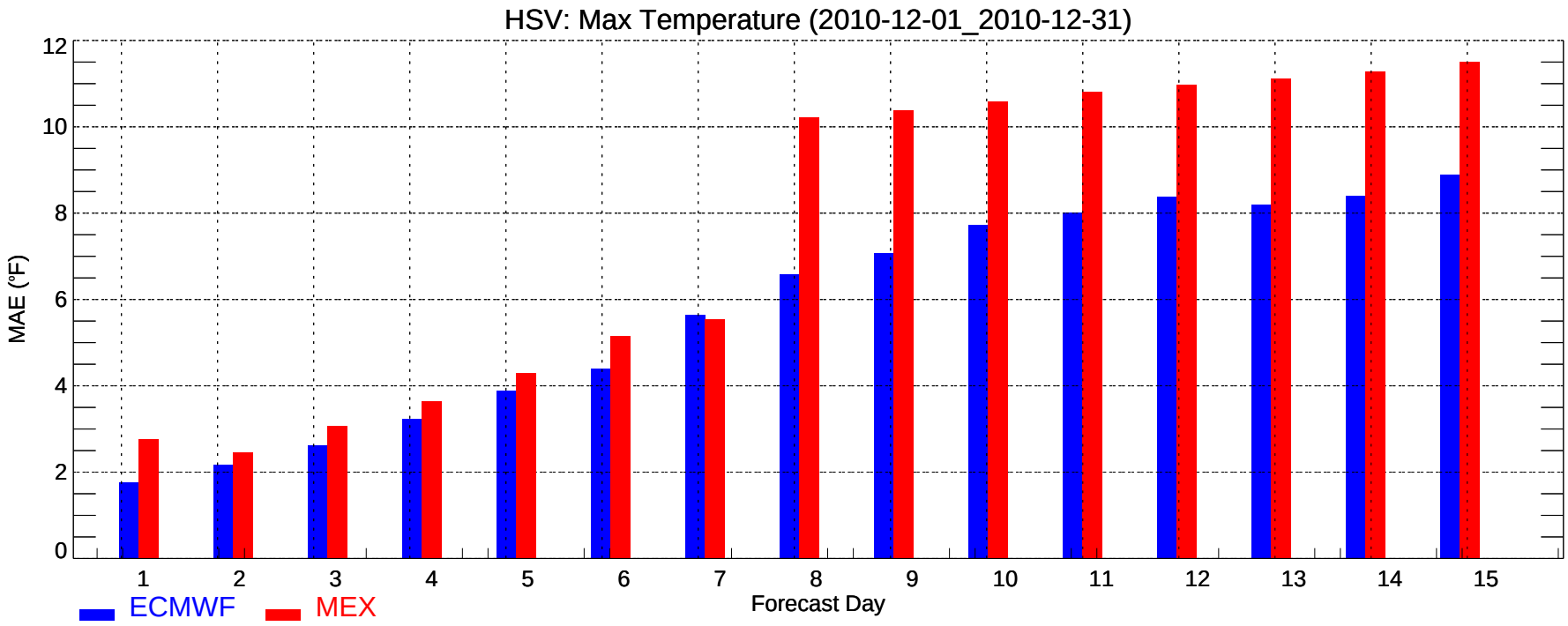

GTF: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

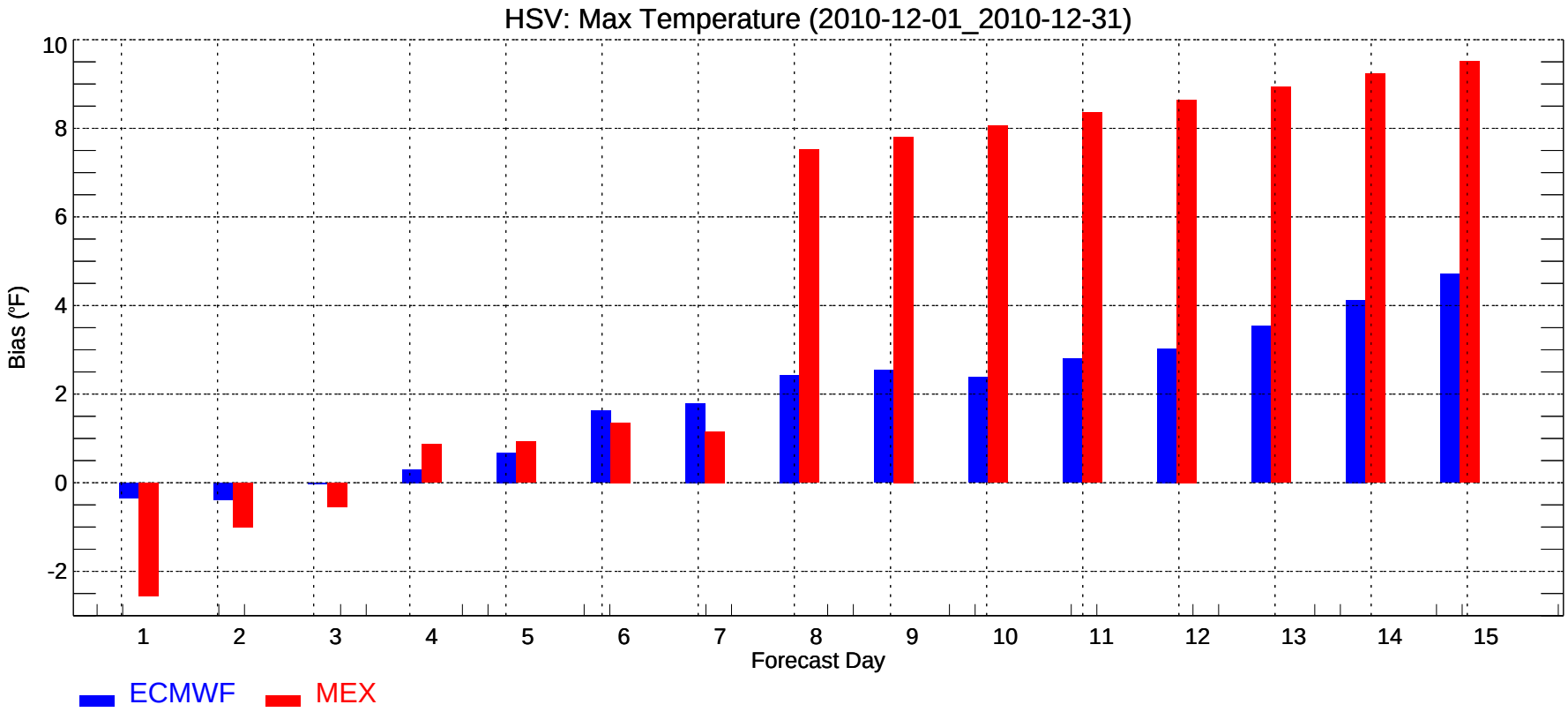

HOU: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

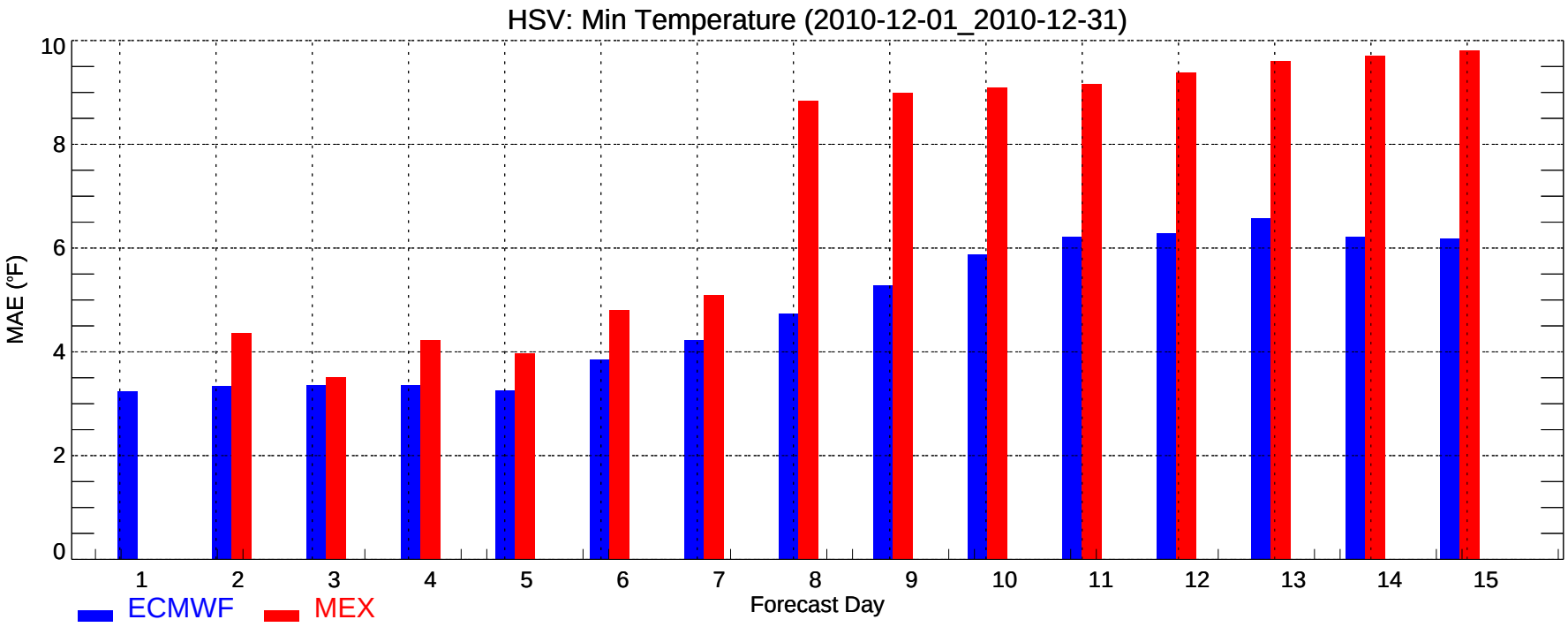

HOU: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

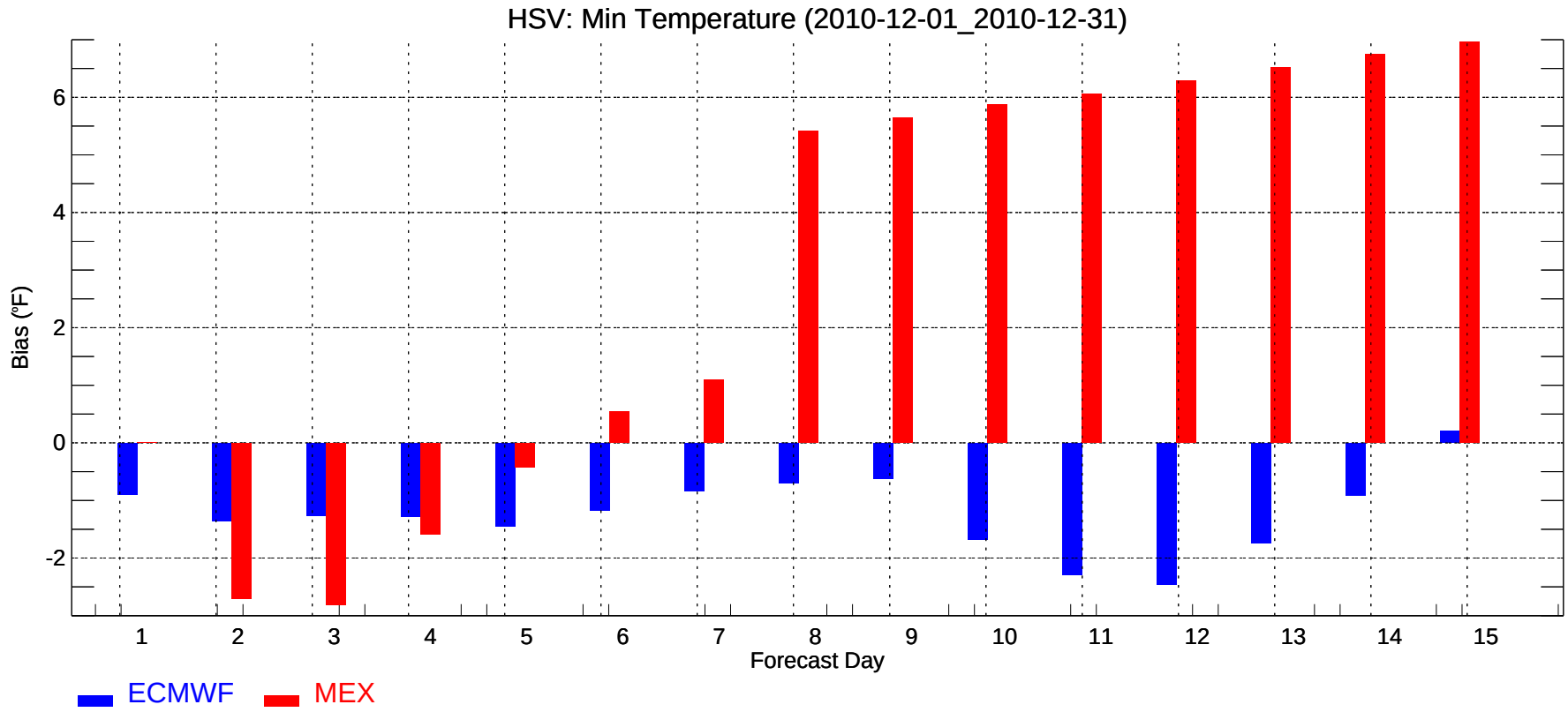

HOU: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

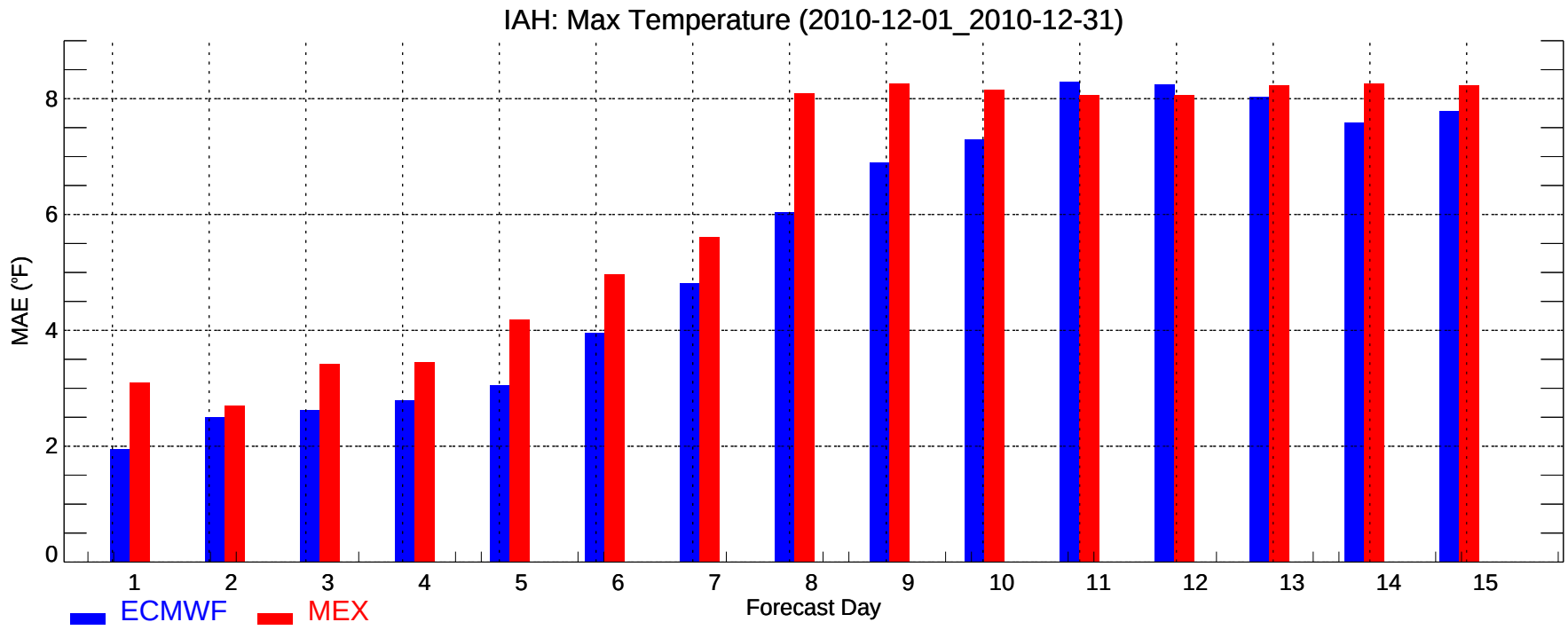

HOU: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

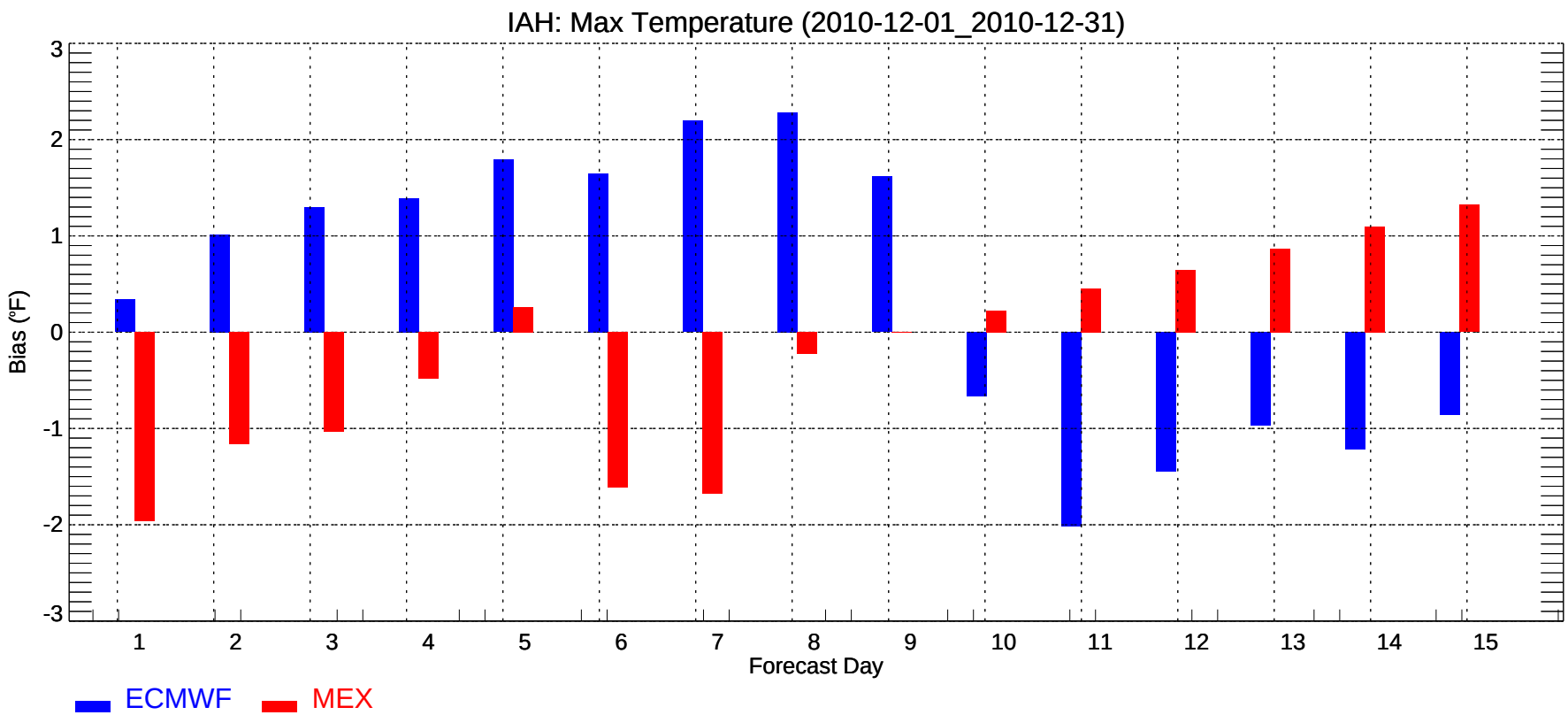

HSV: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

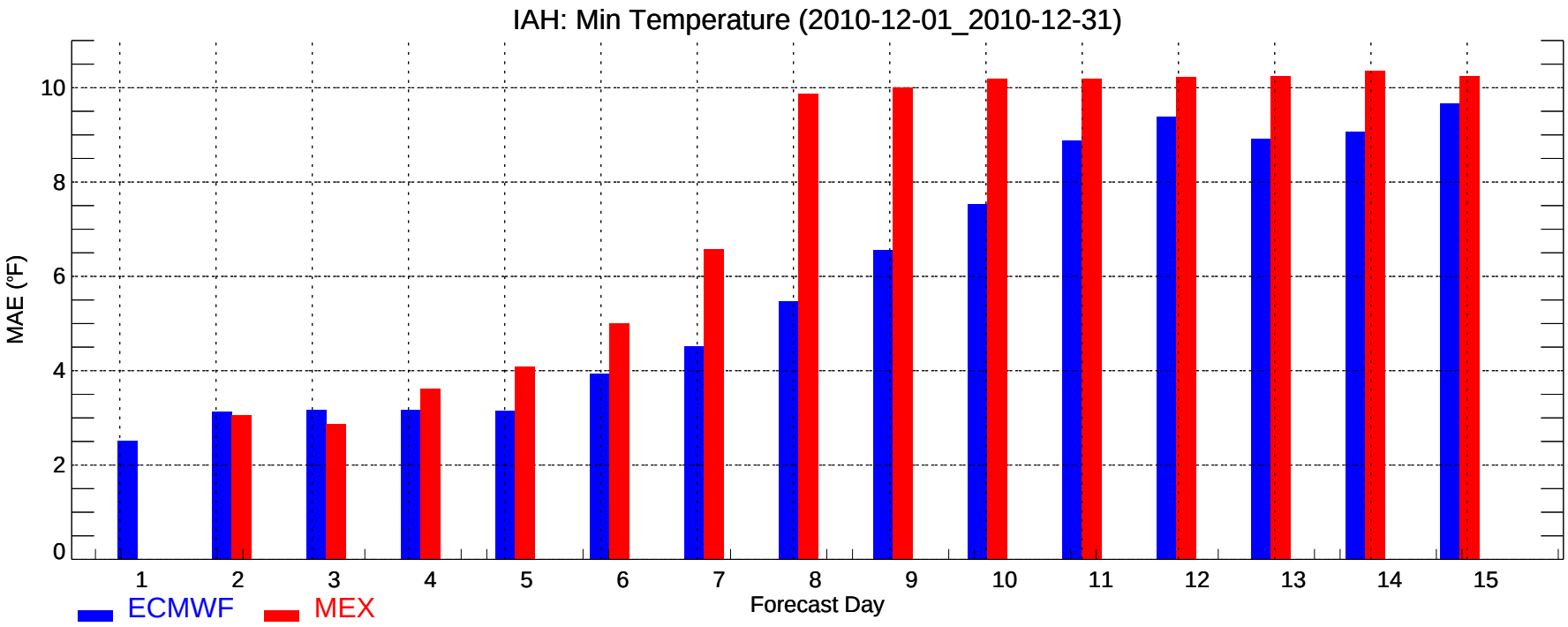

HSV: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

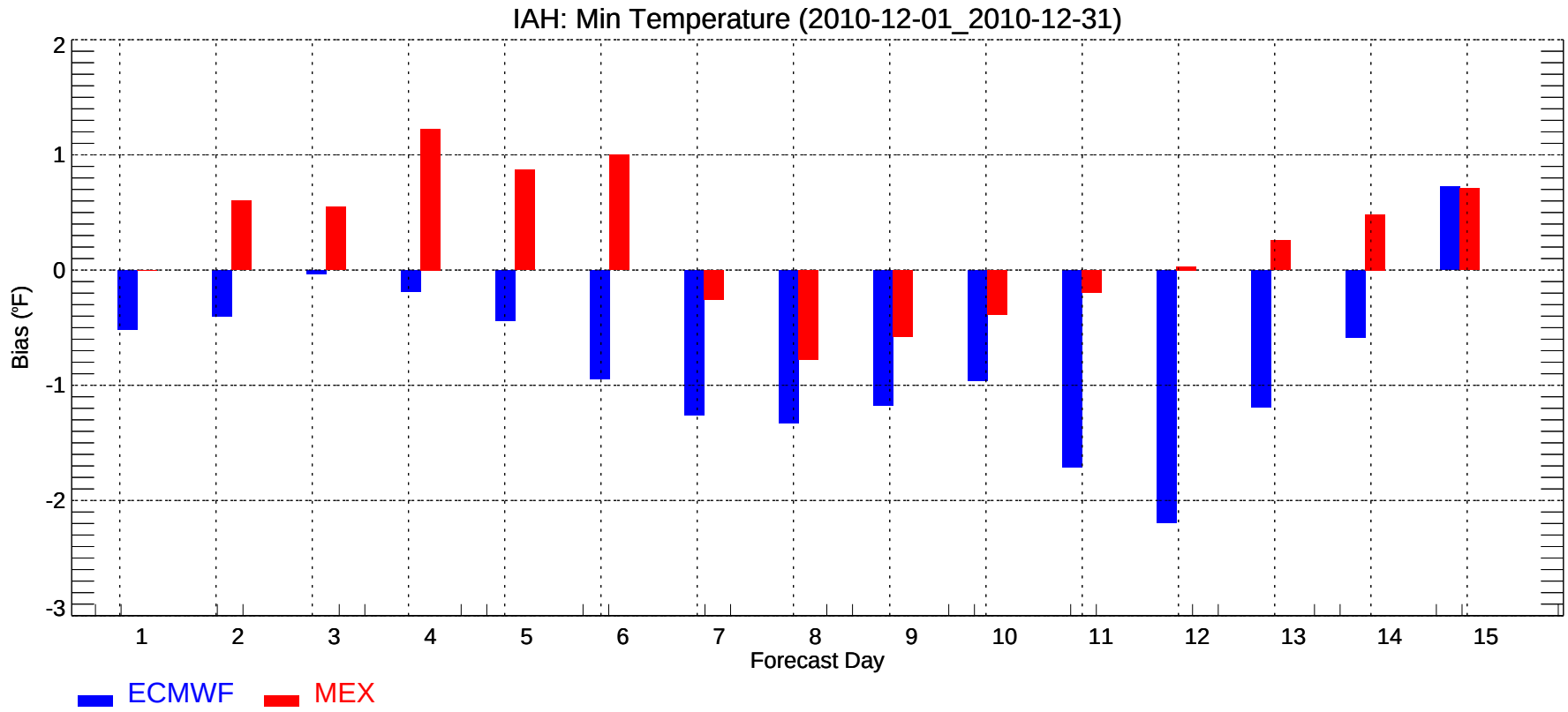

HSV: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

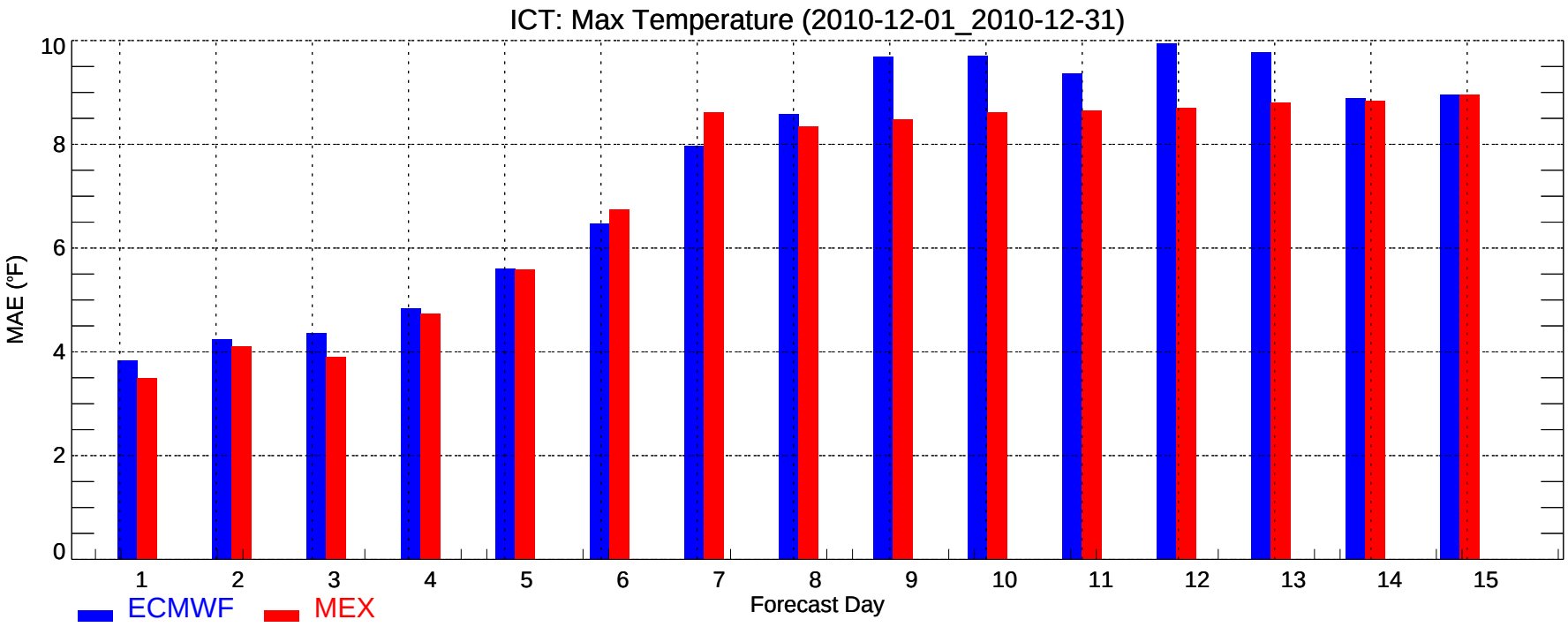

HSV: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

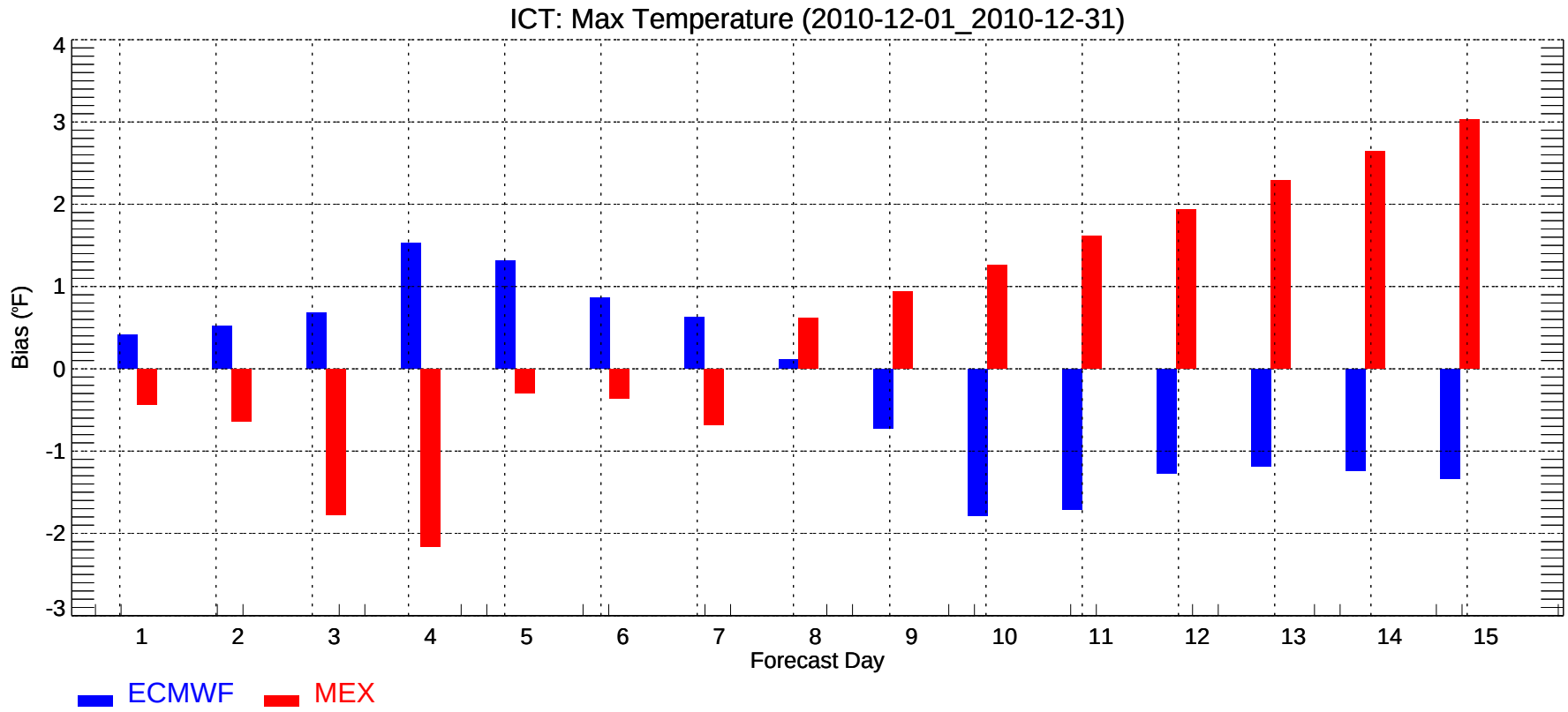

IAH: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

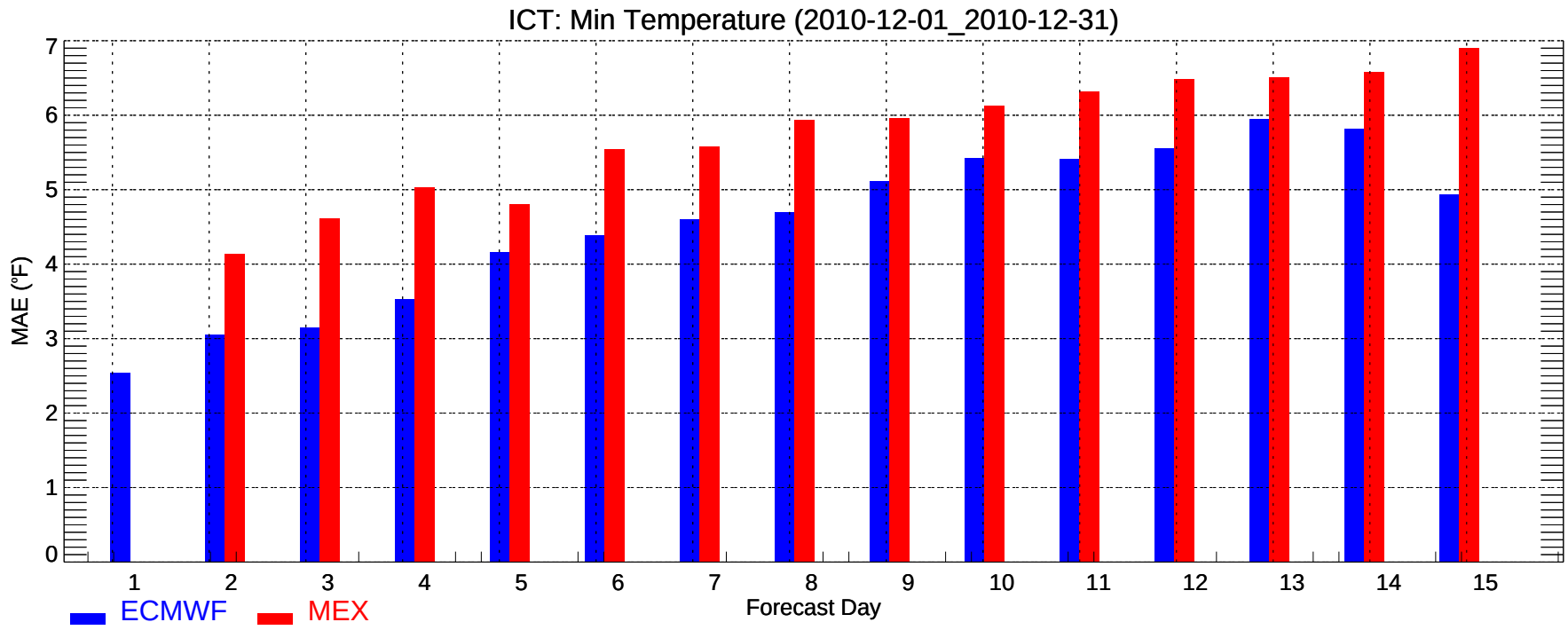

IAH: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

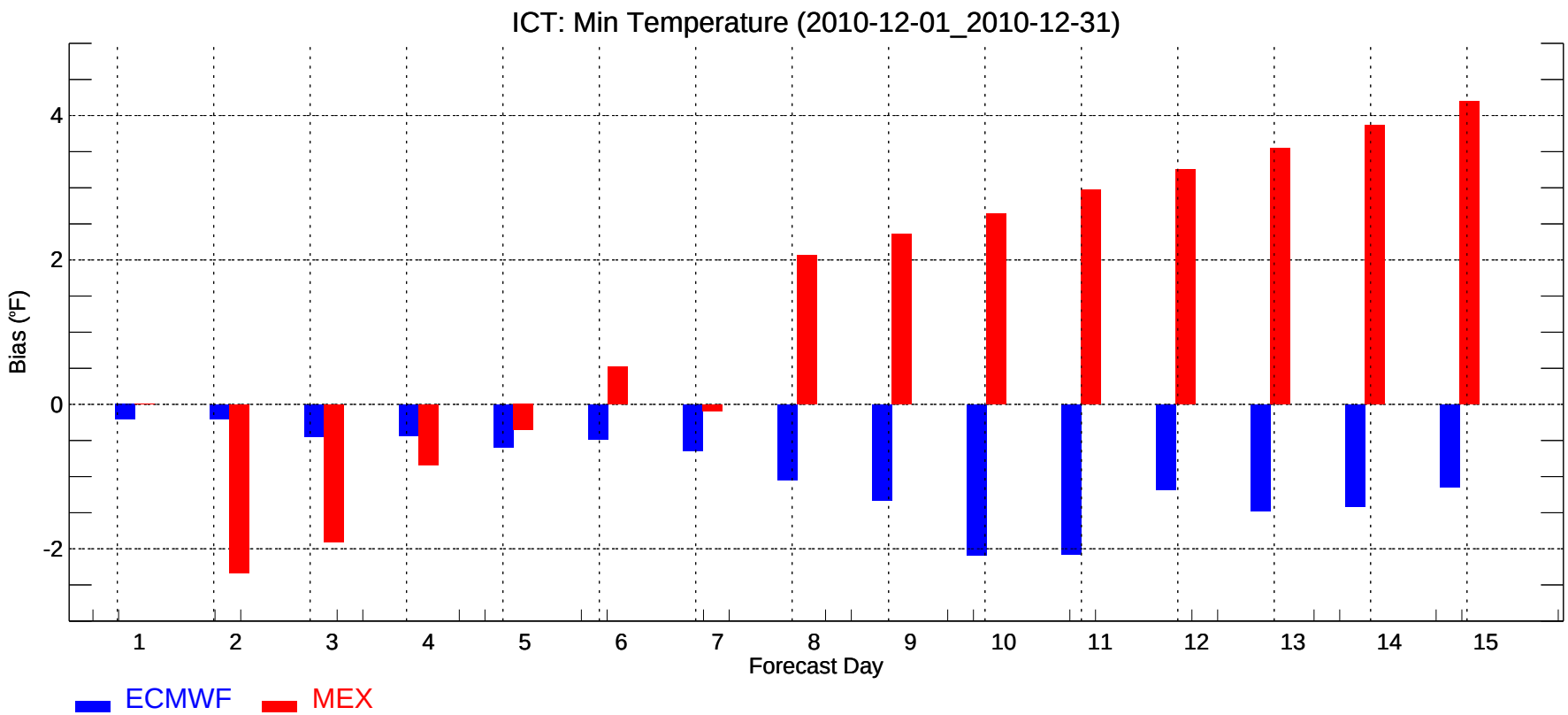

IAH: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

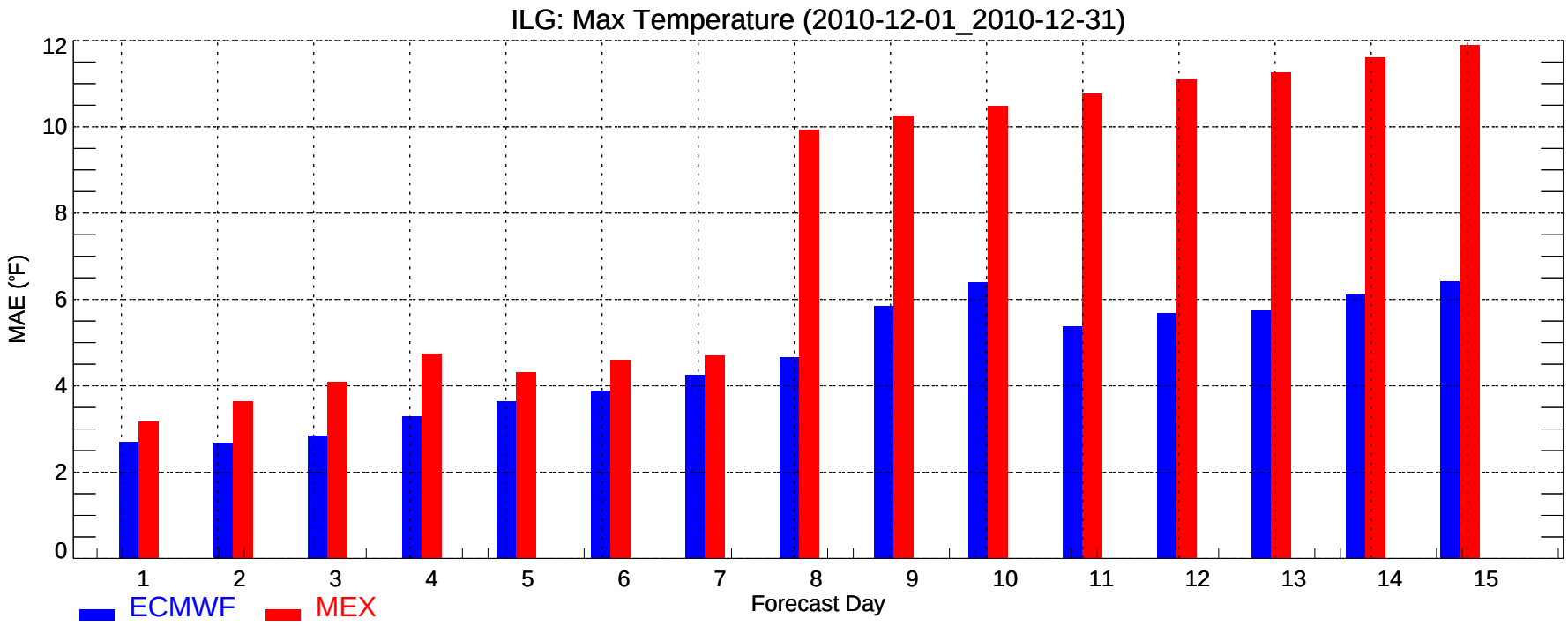

IAH: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

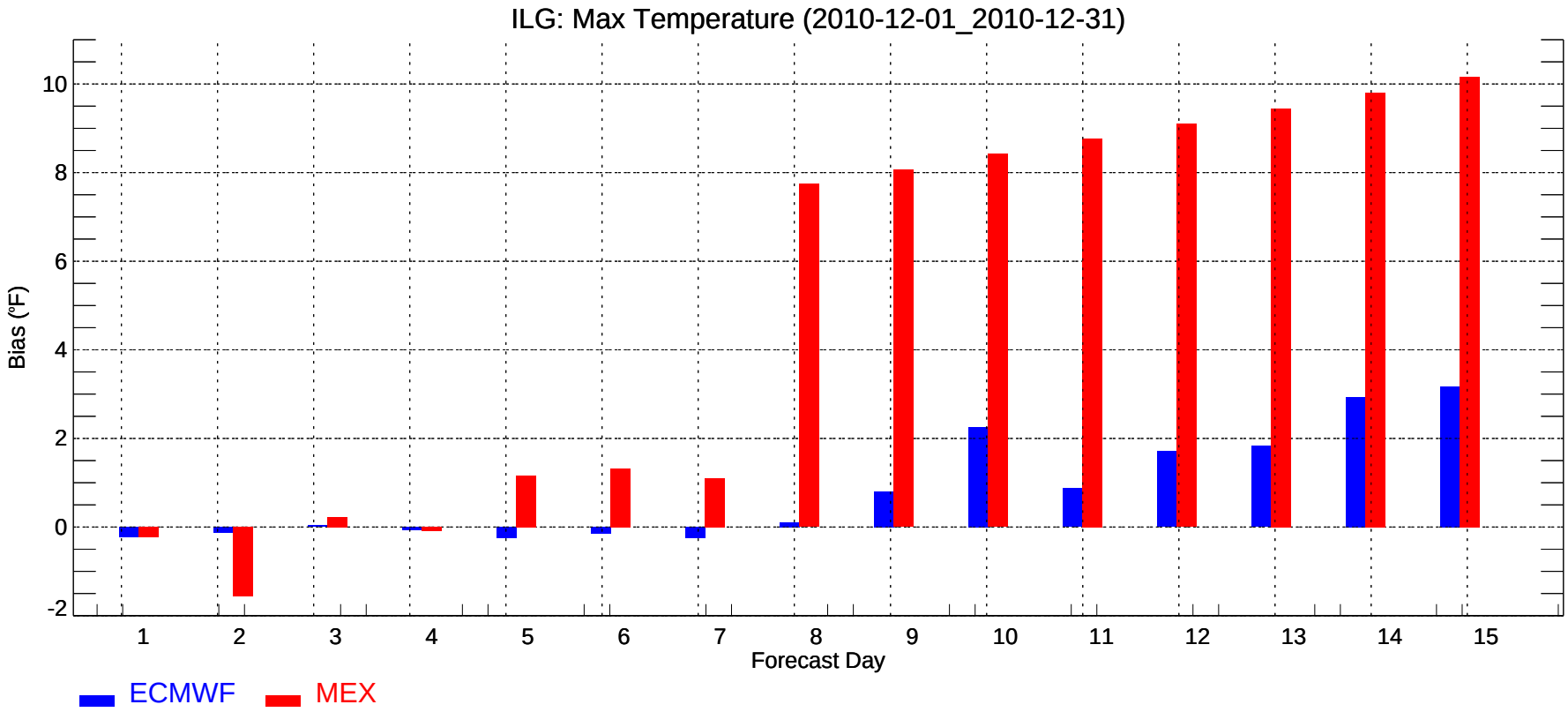

ICT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

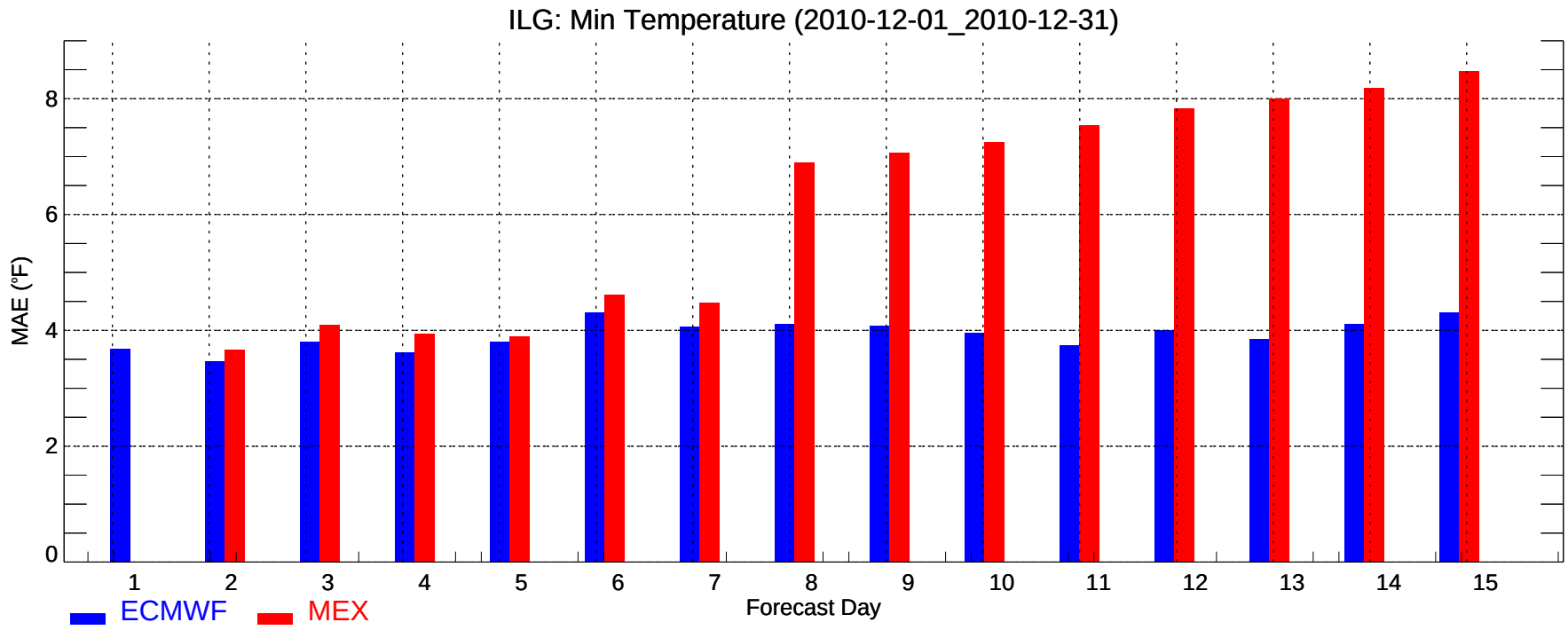

ICT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

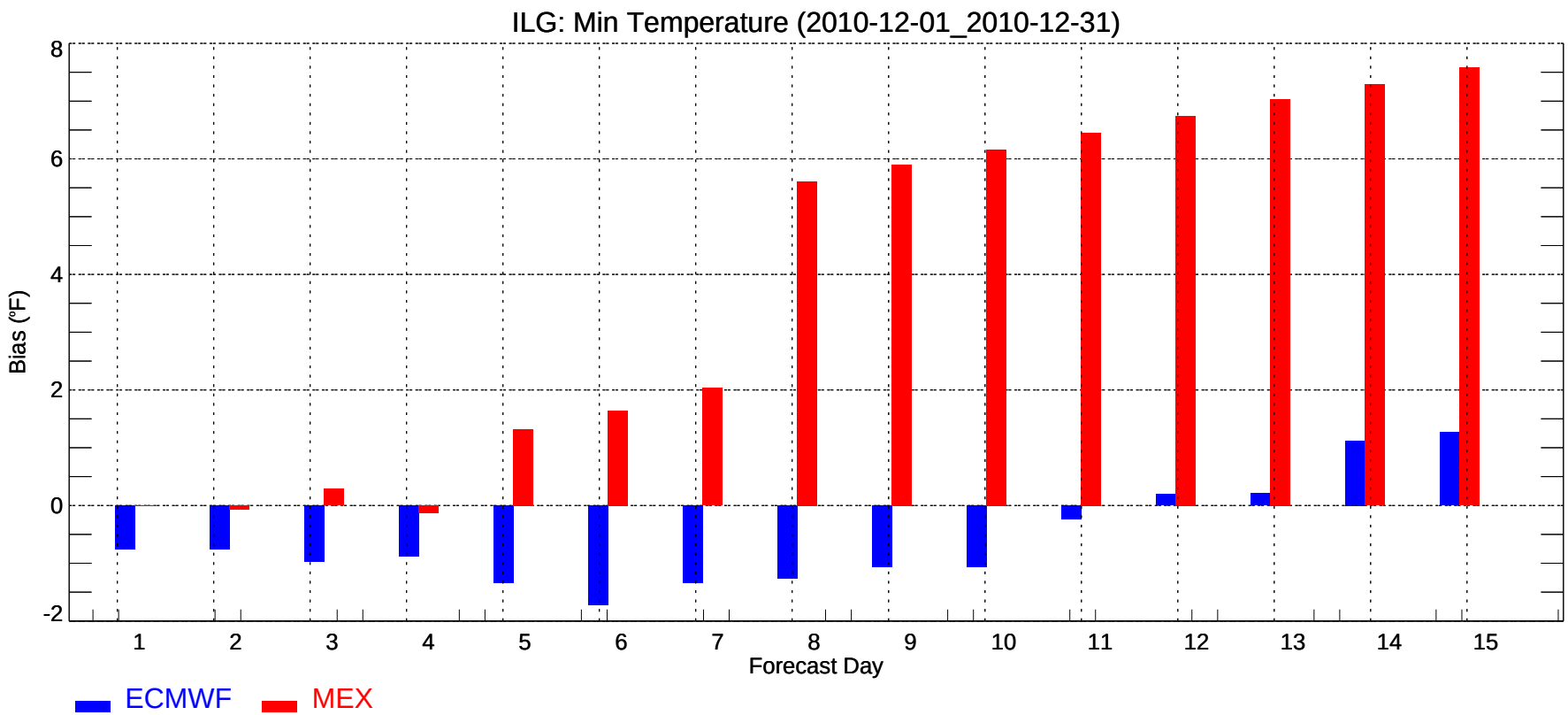

ICT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

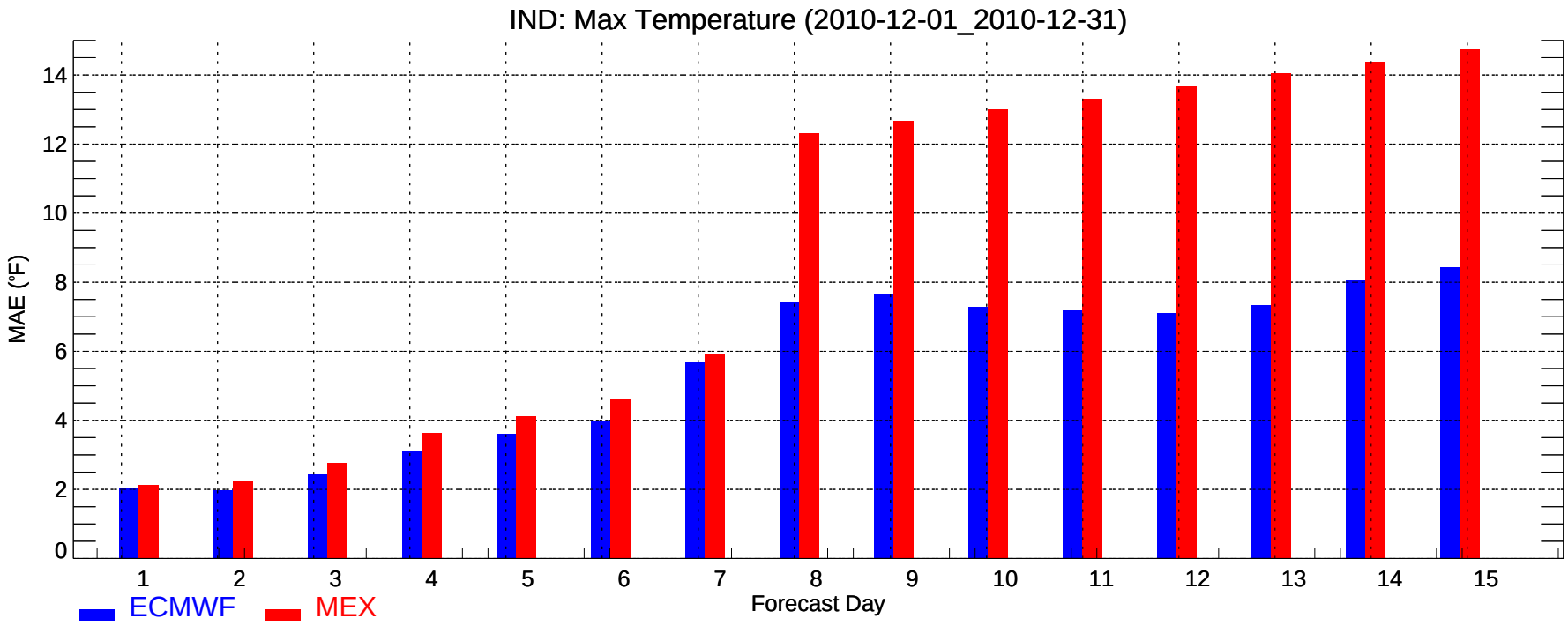

ICT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

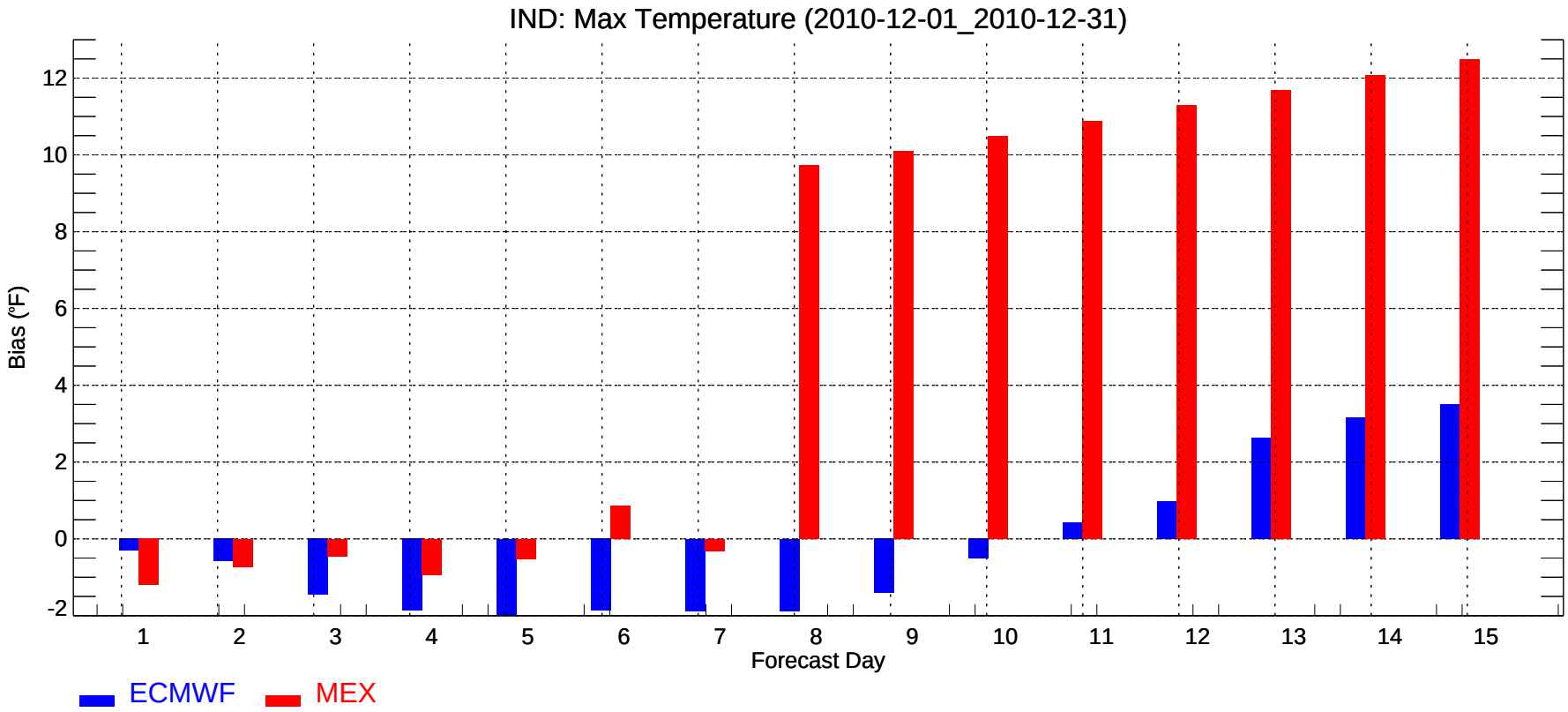

ILG: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

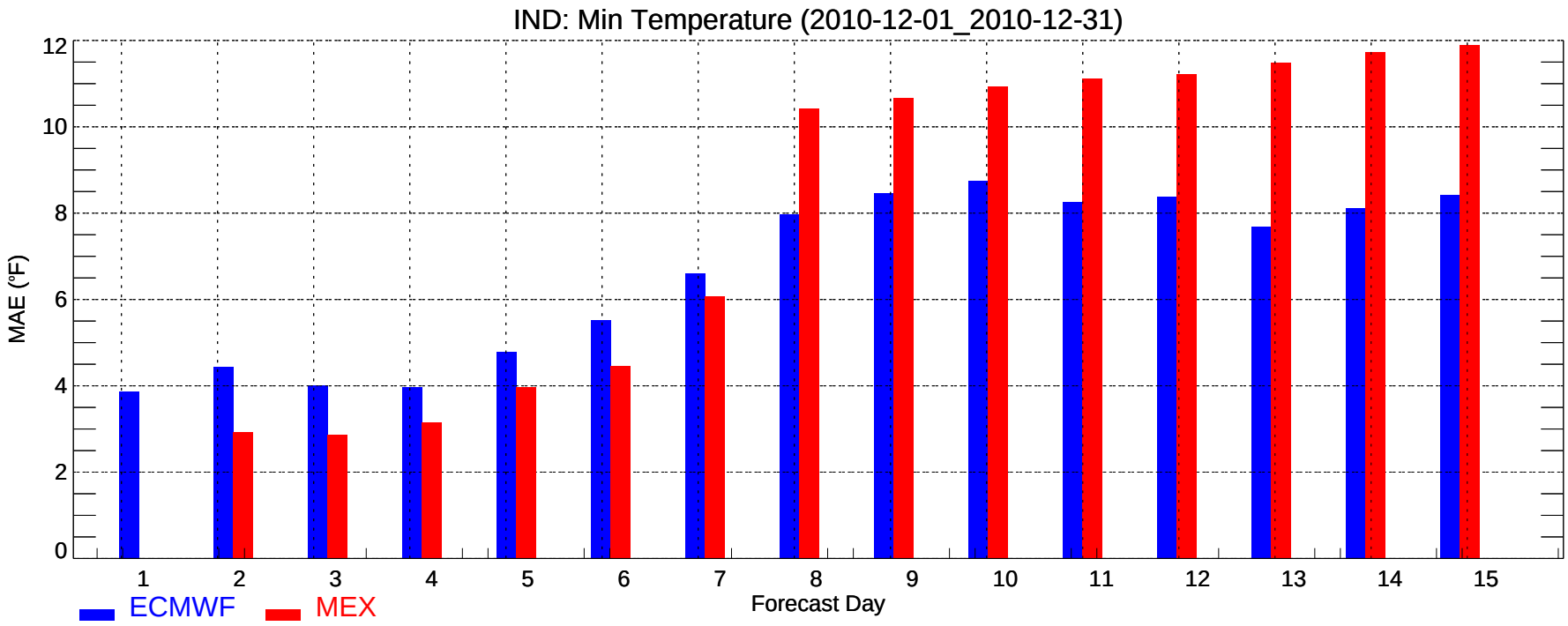

ILG: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

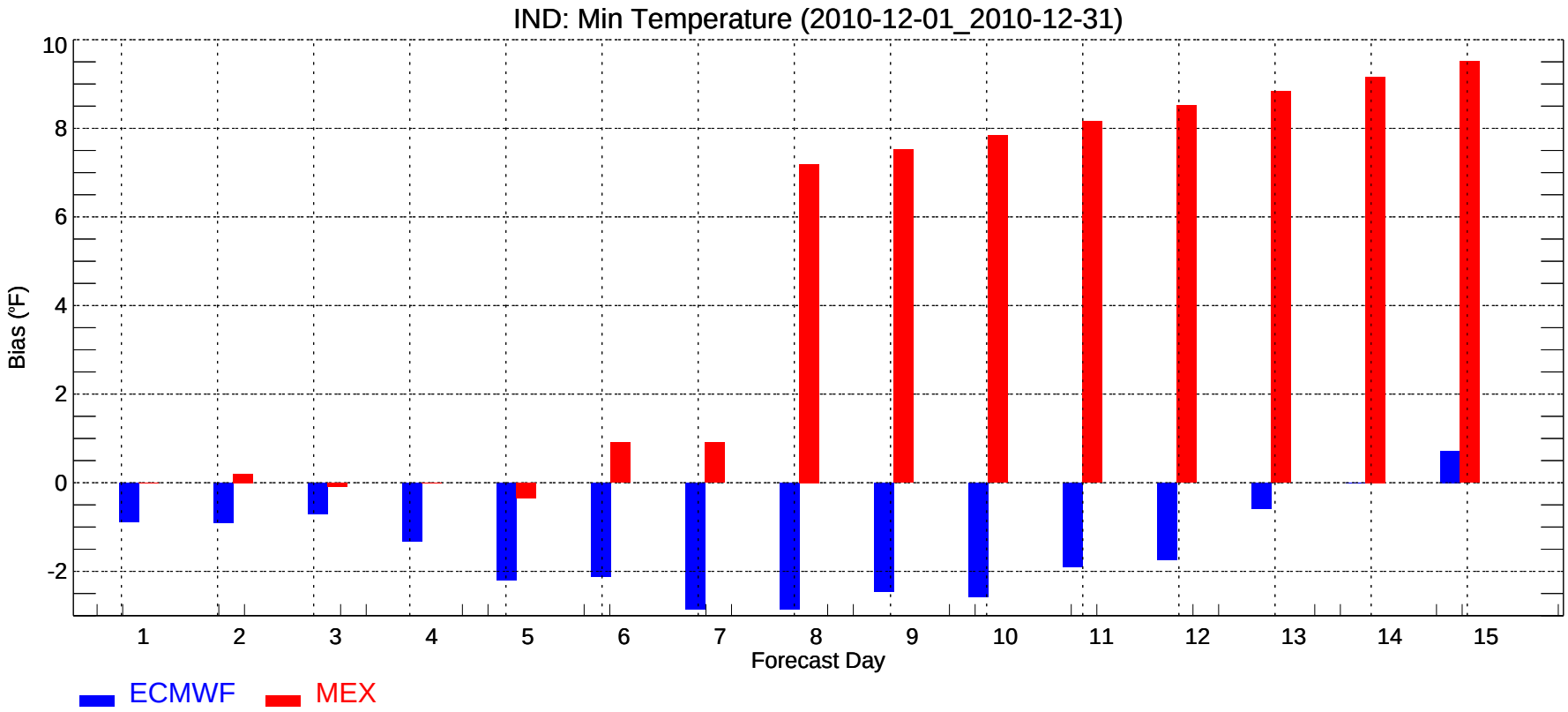

ILG: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

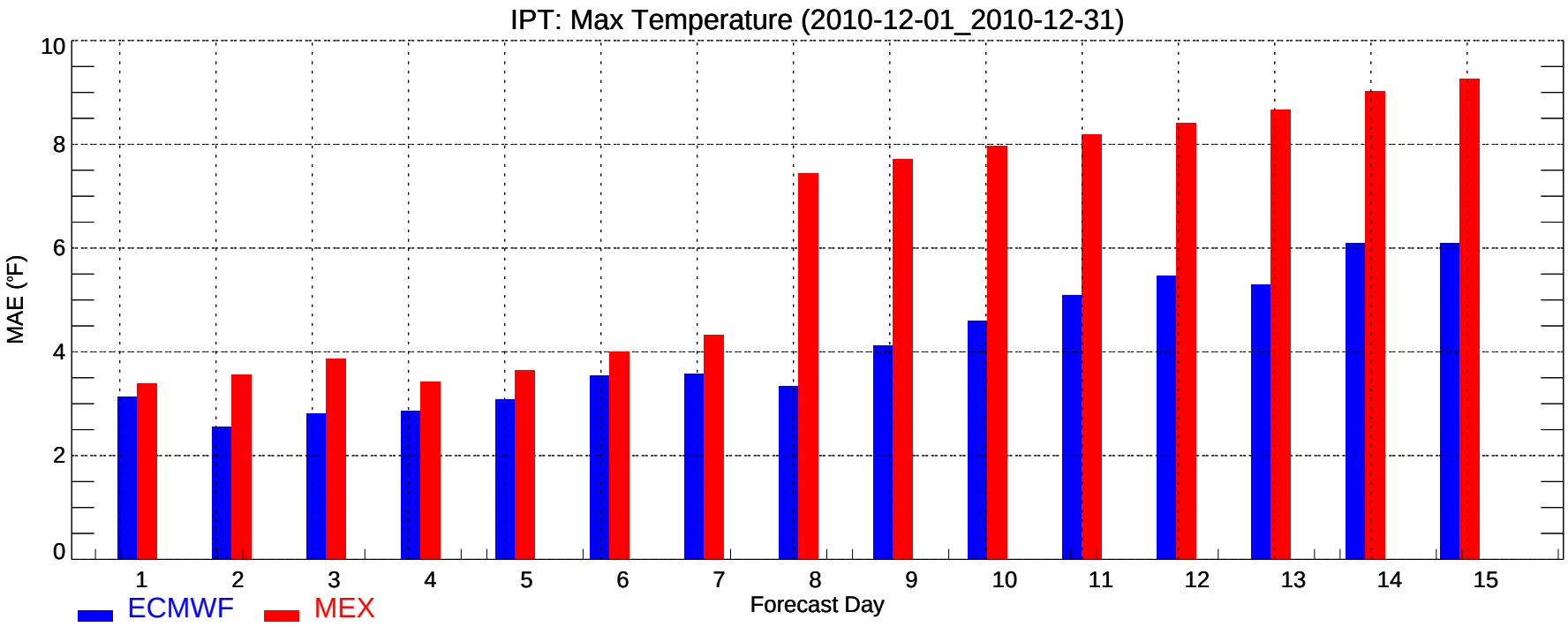

ILG: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

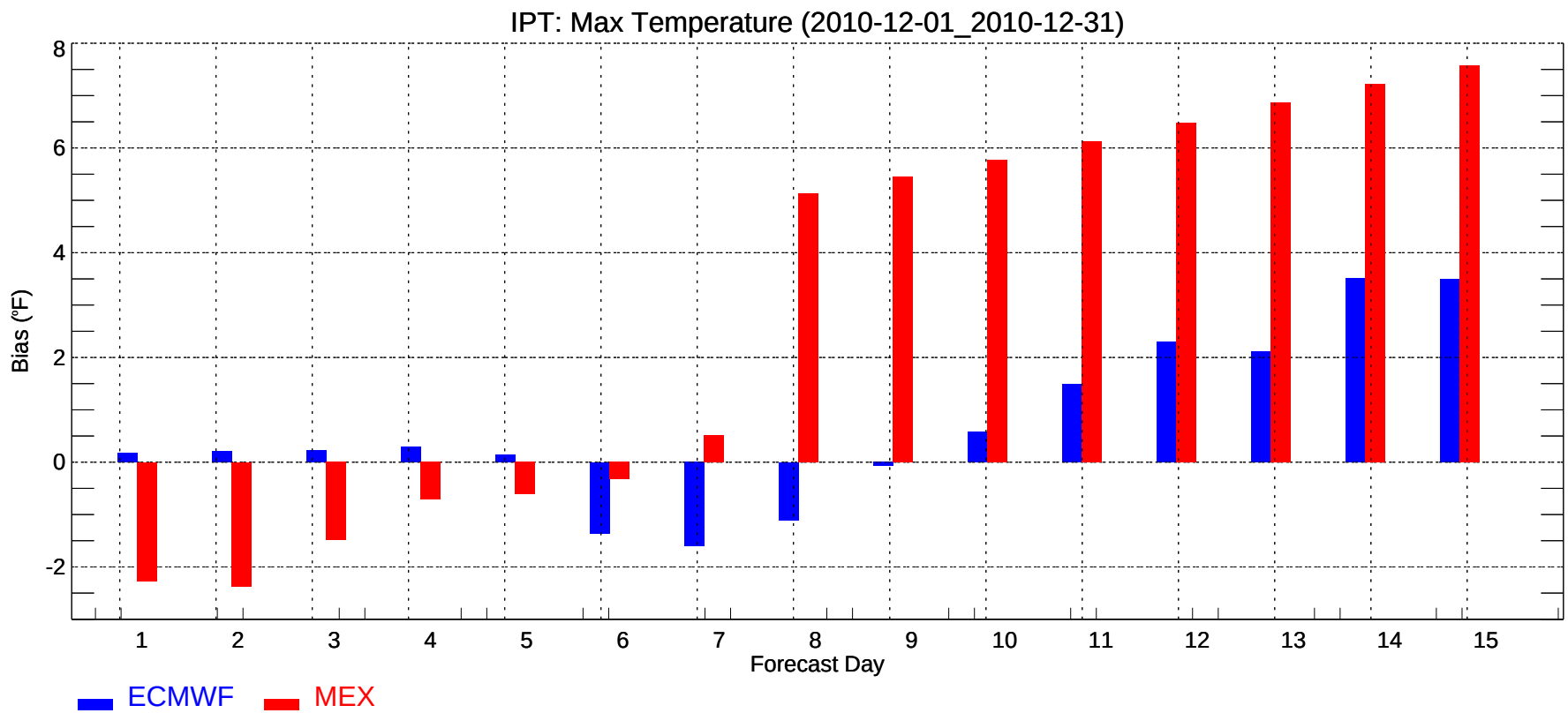

IND: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

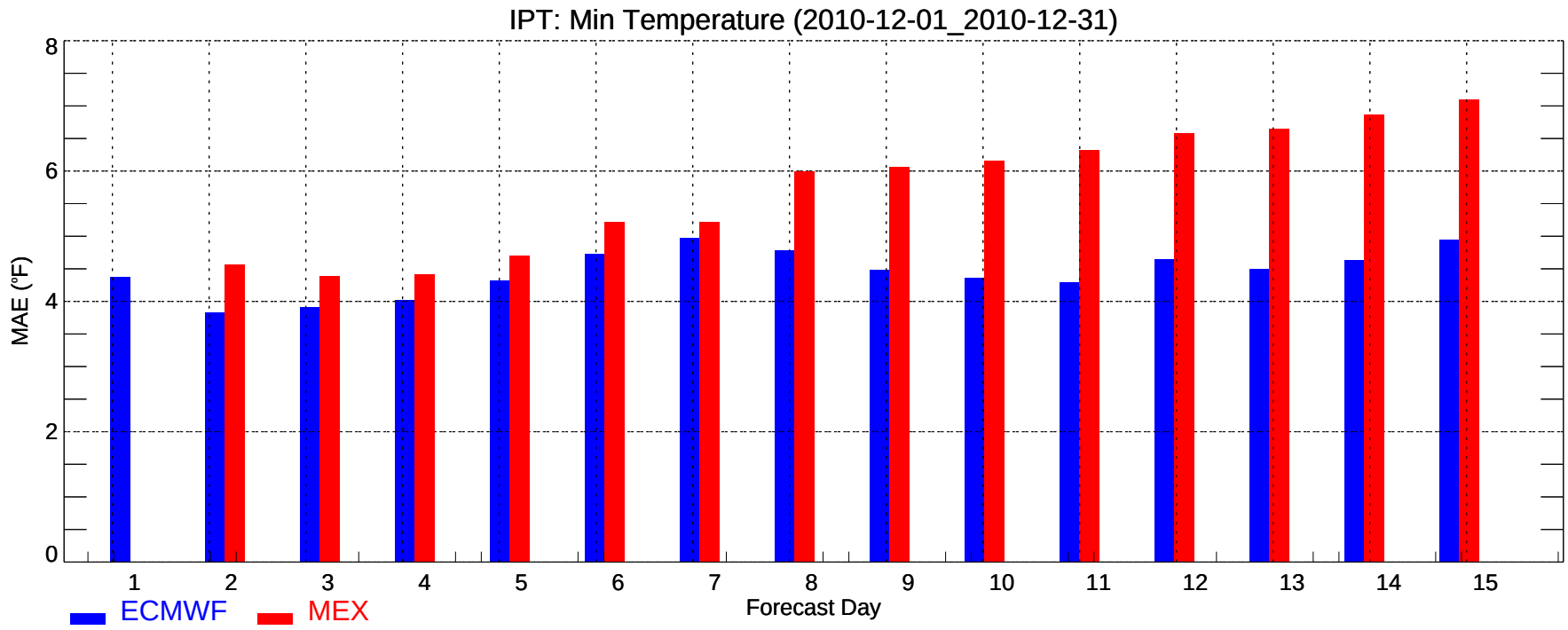

IND: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

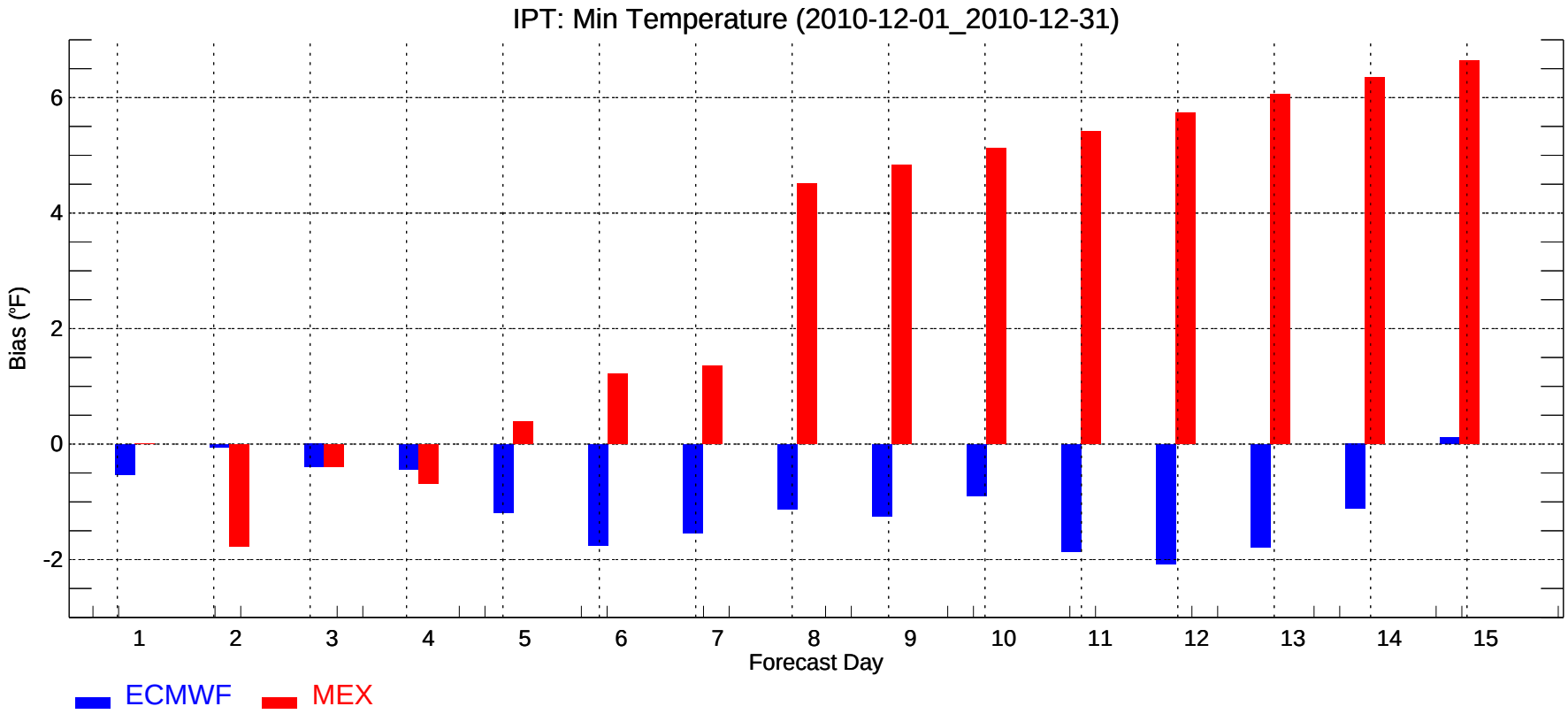

IND: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

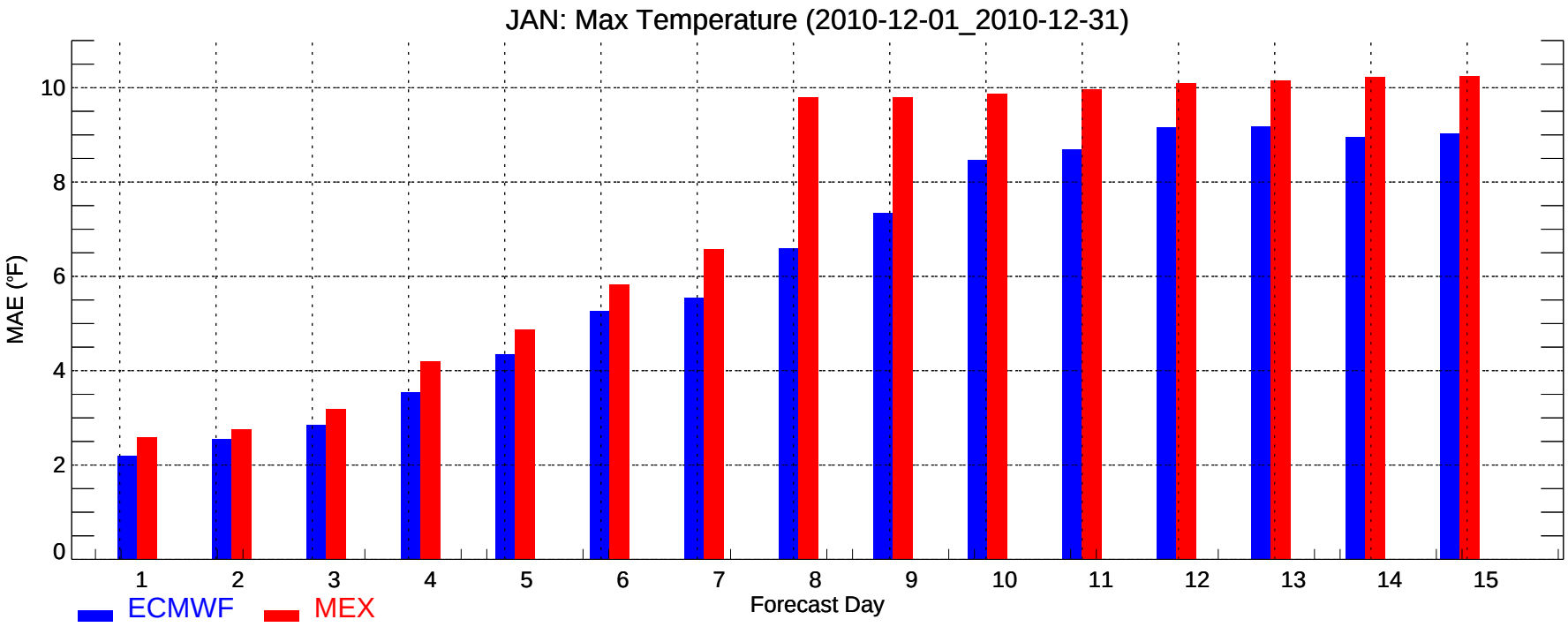

IND: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

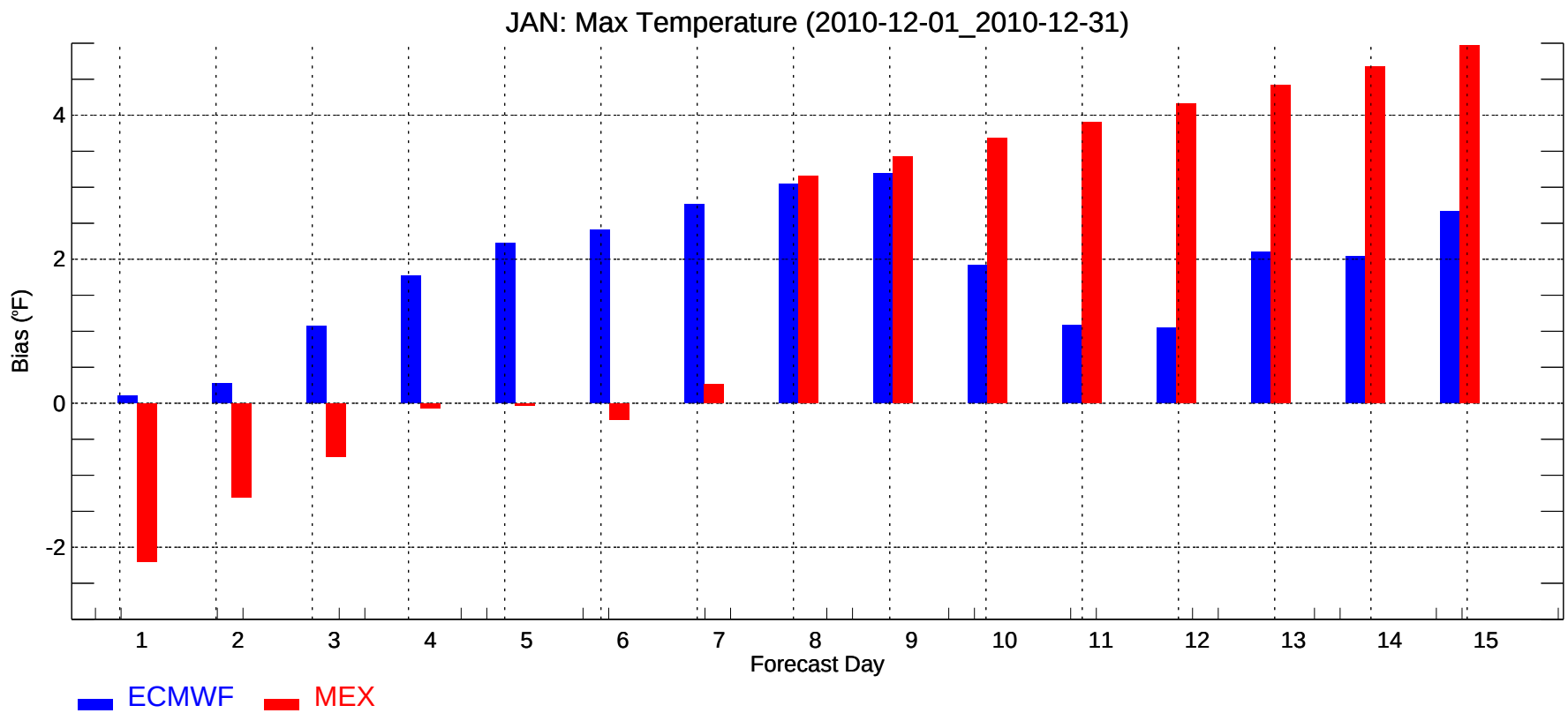

IPT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

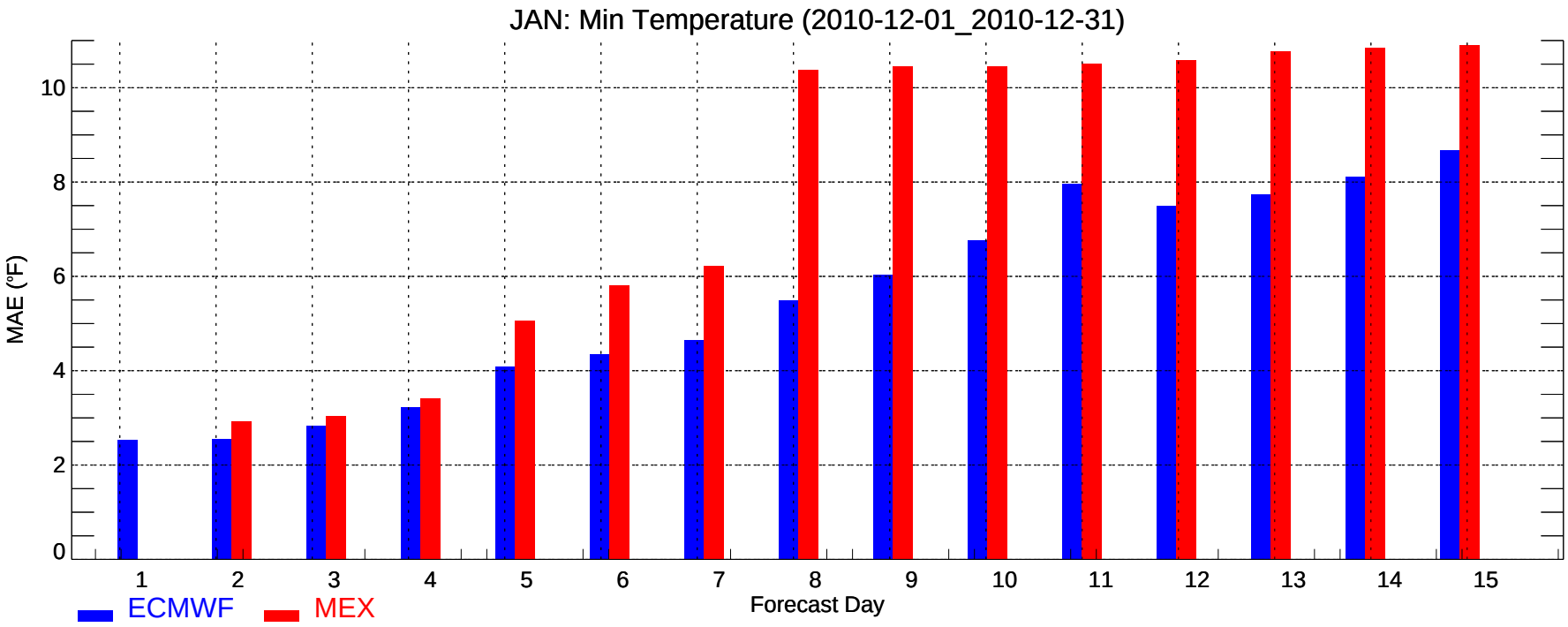

IPT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

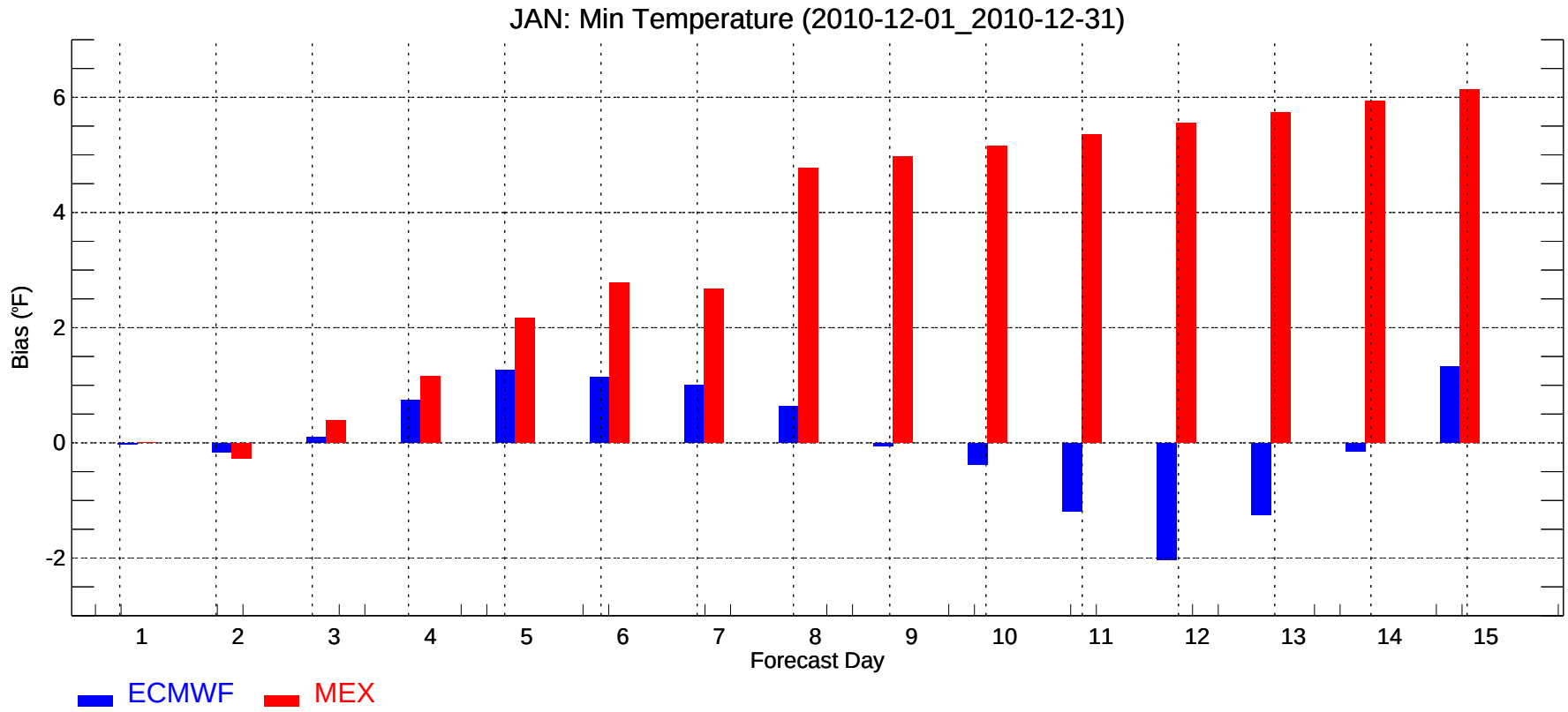

IPT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

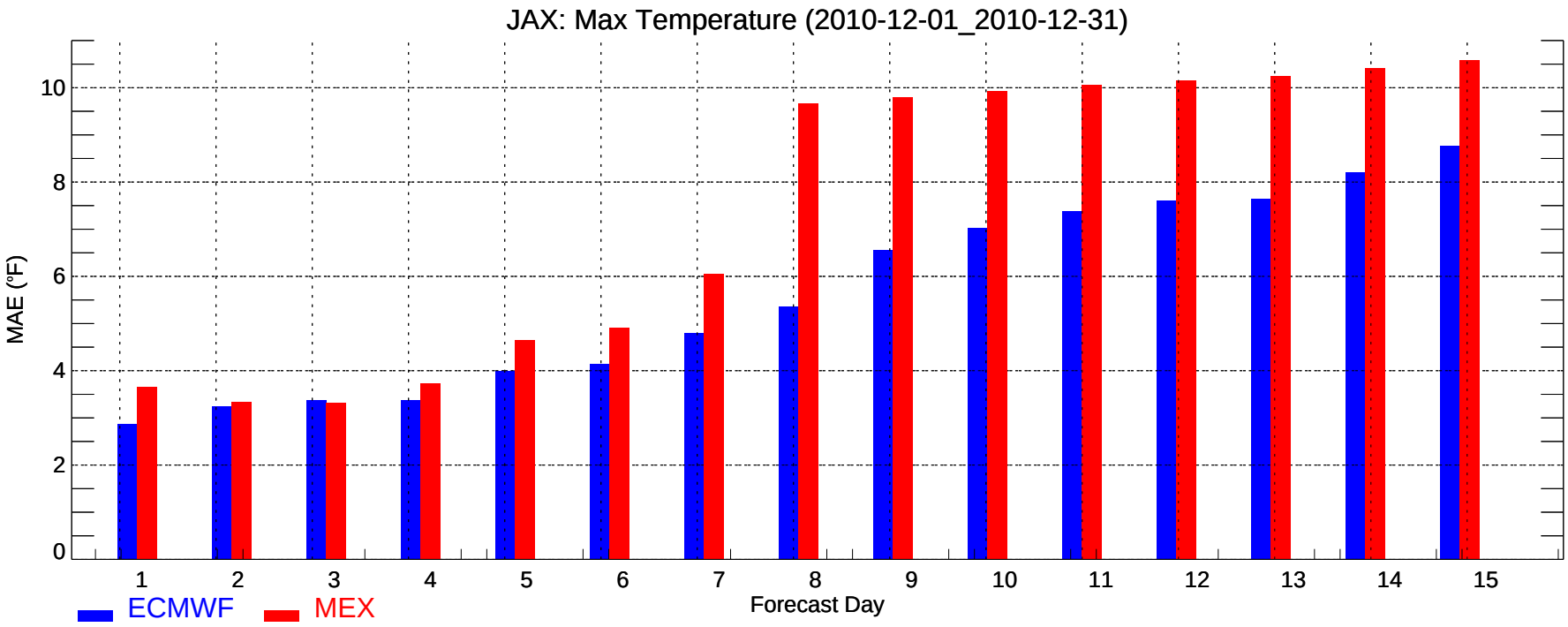

IPT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

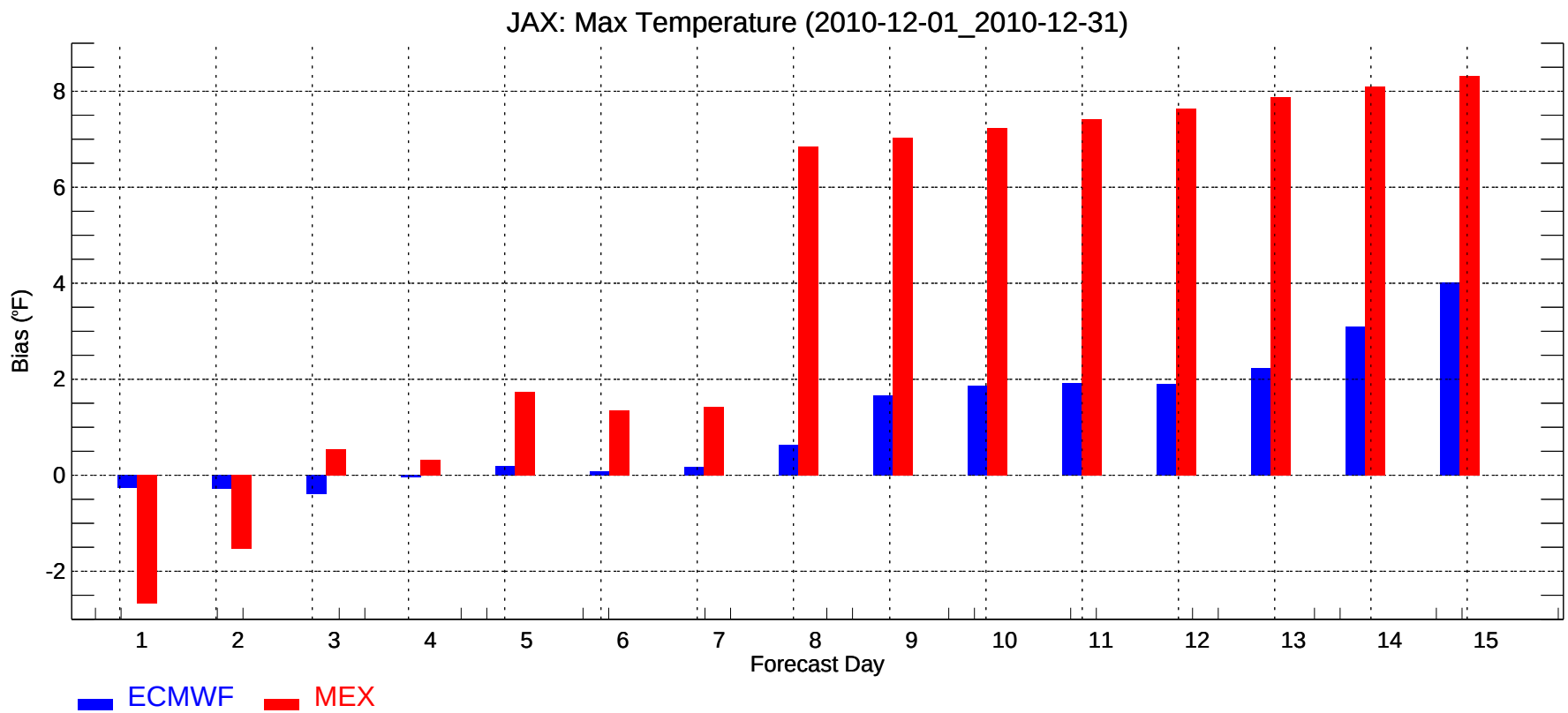

JAN: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

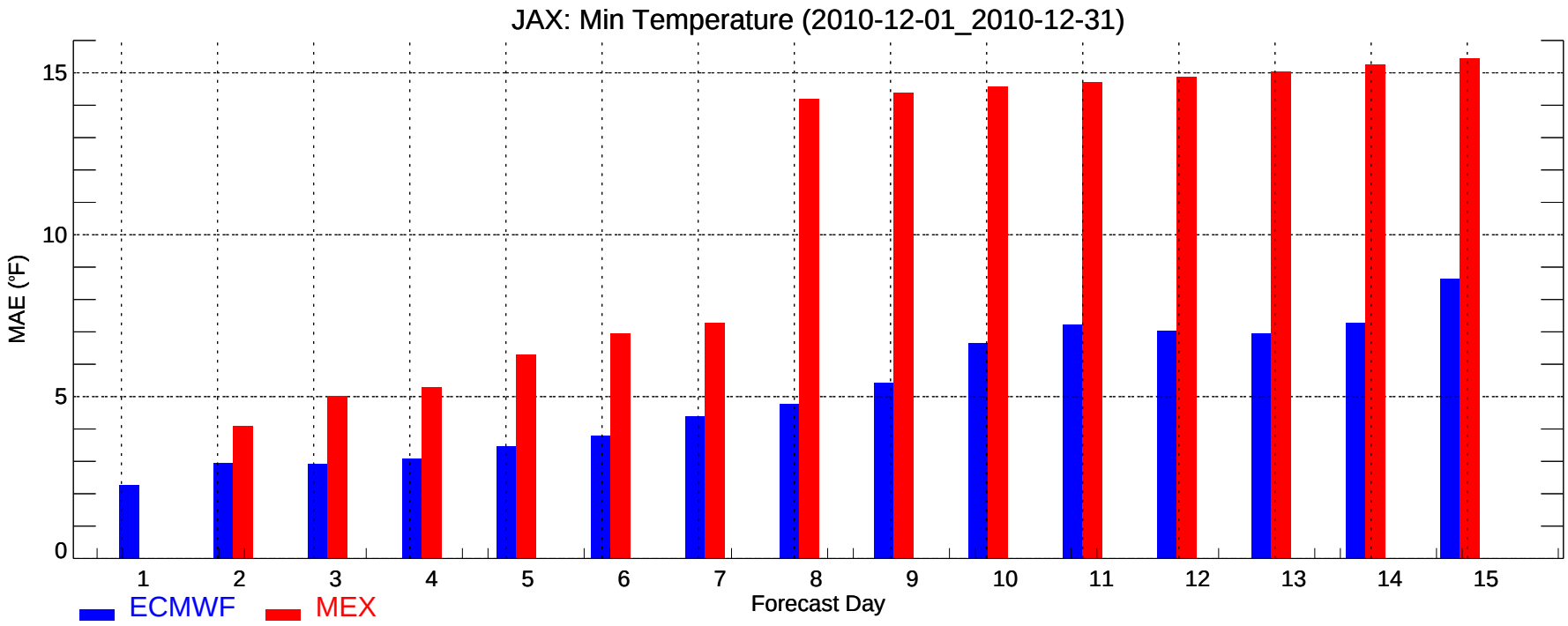

JAN: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

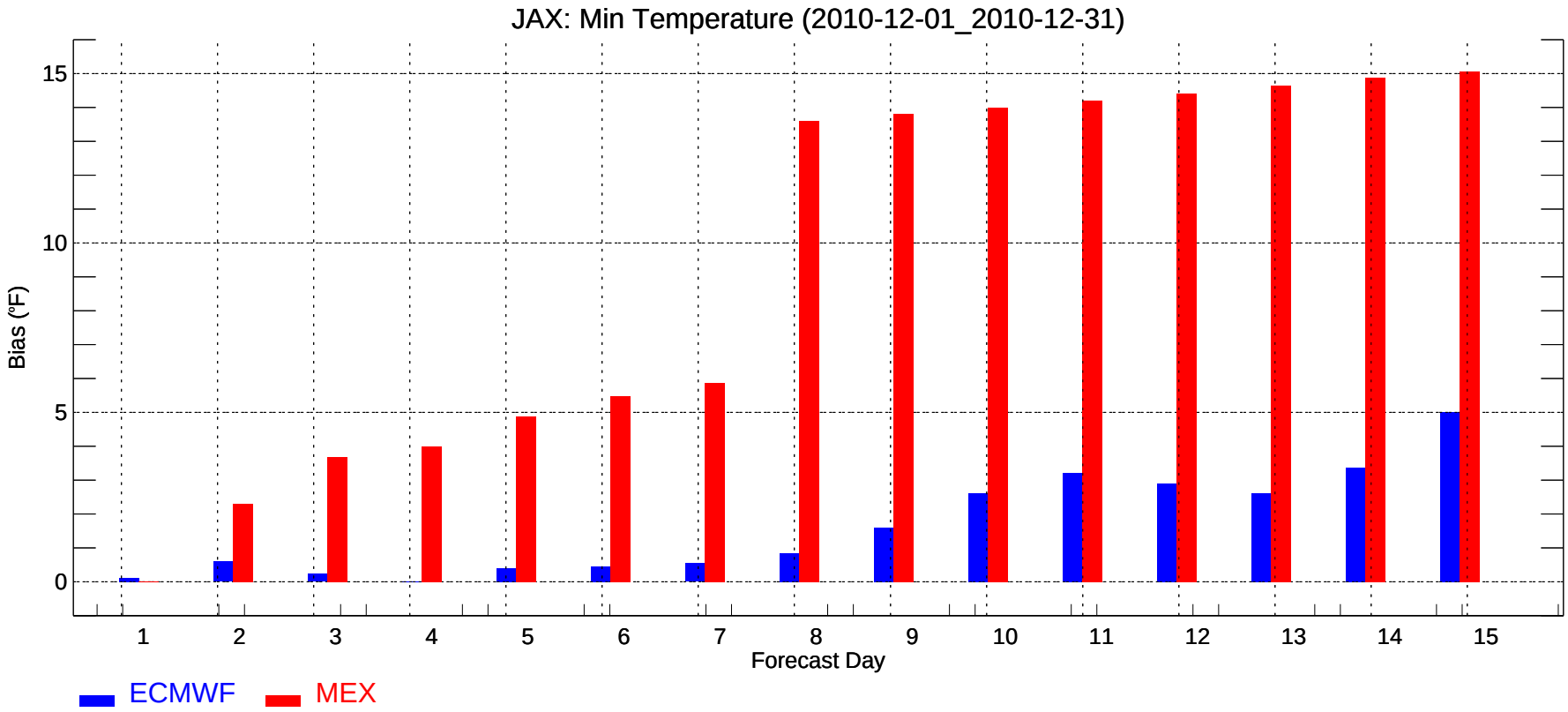

JAN: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

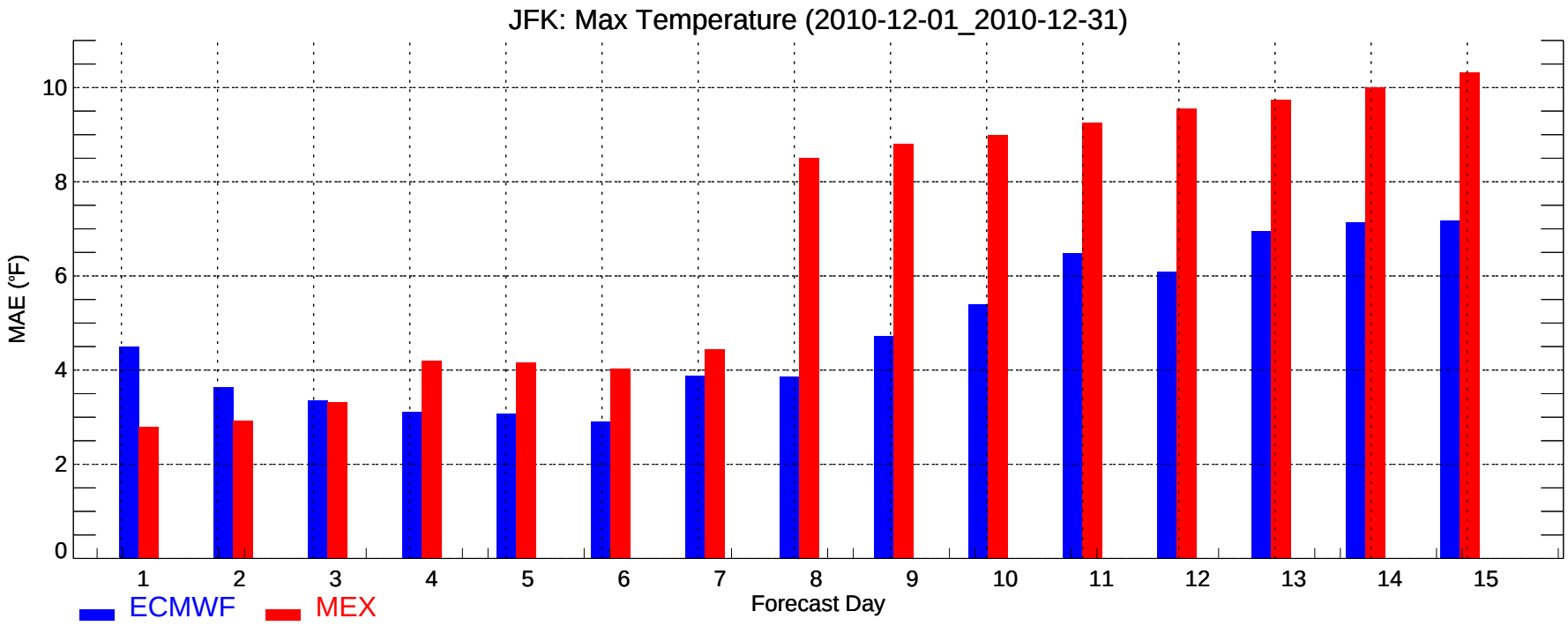

JAN: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

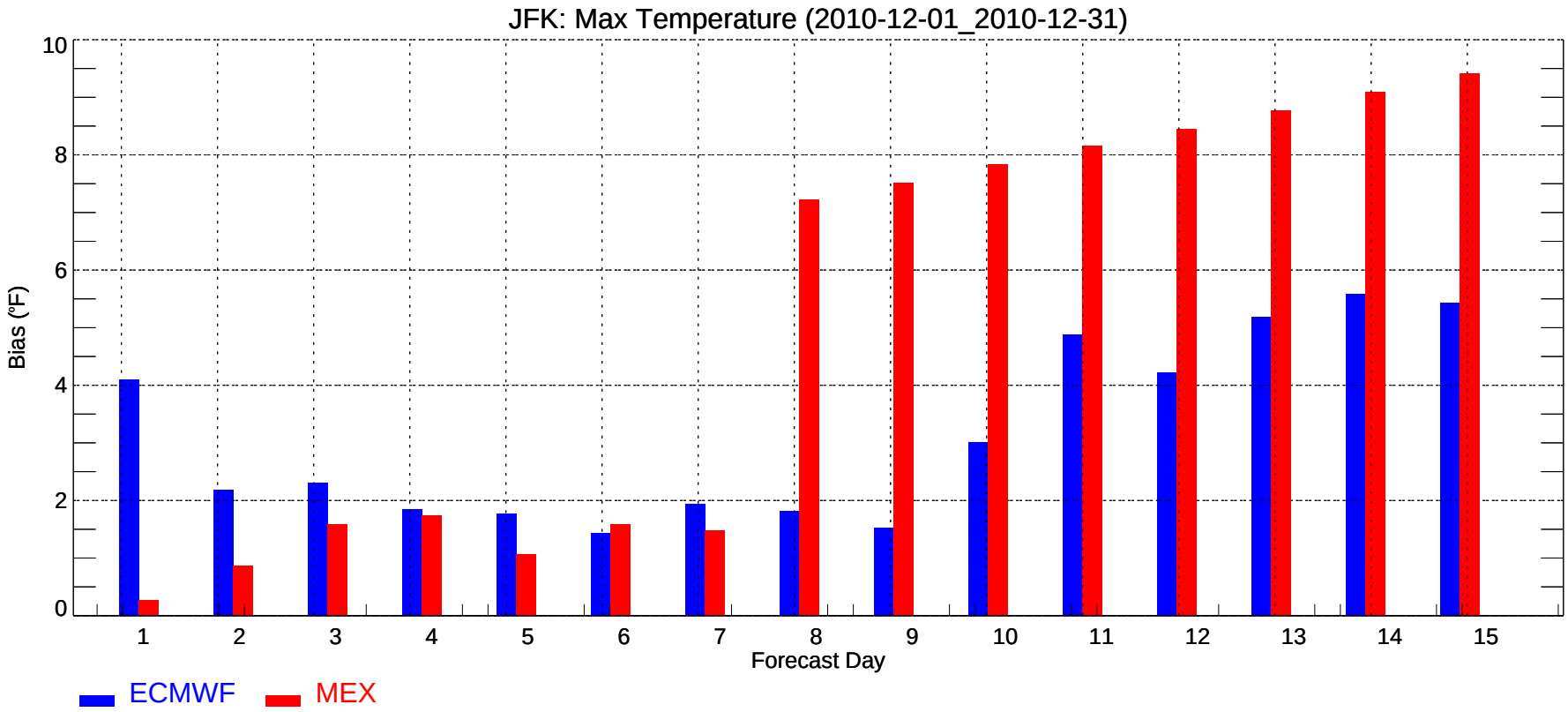

JAX: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

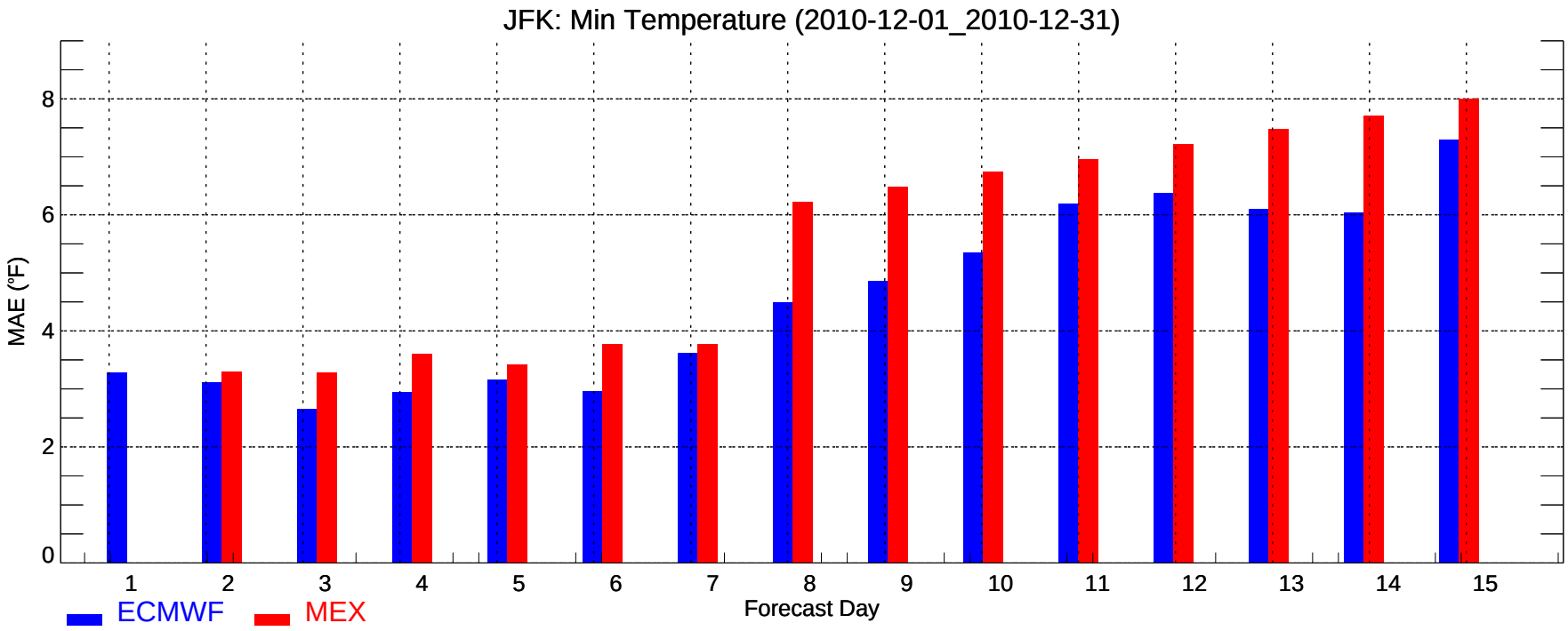

JAX: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

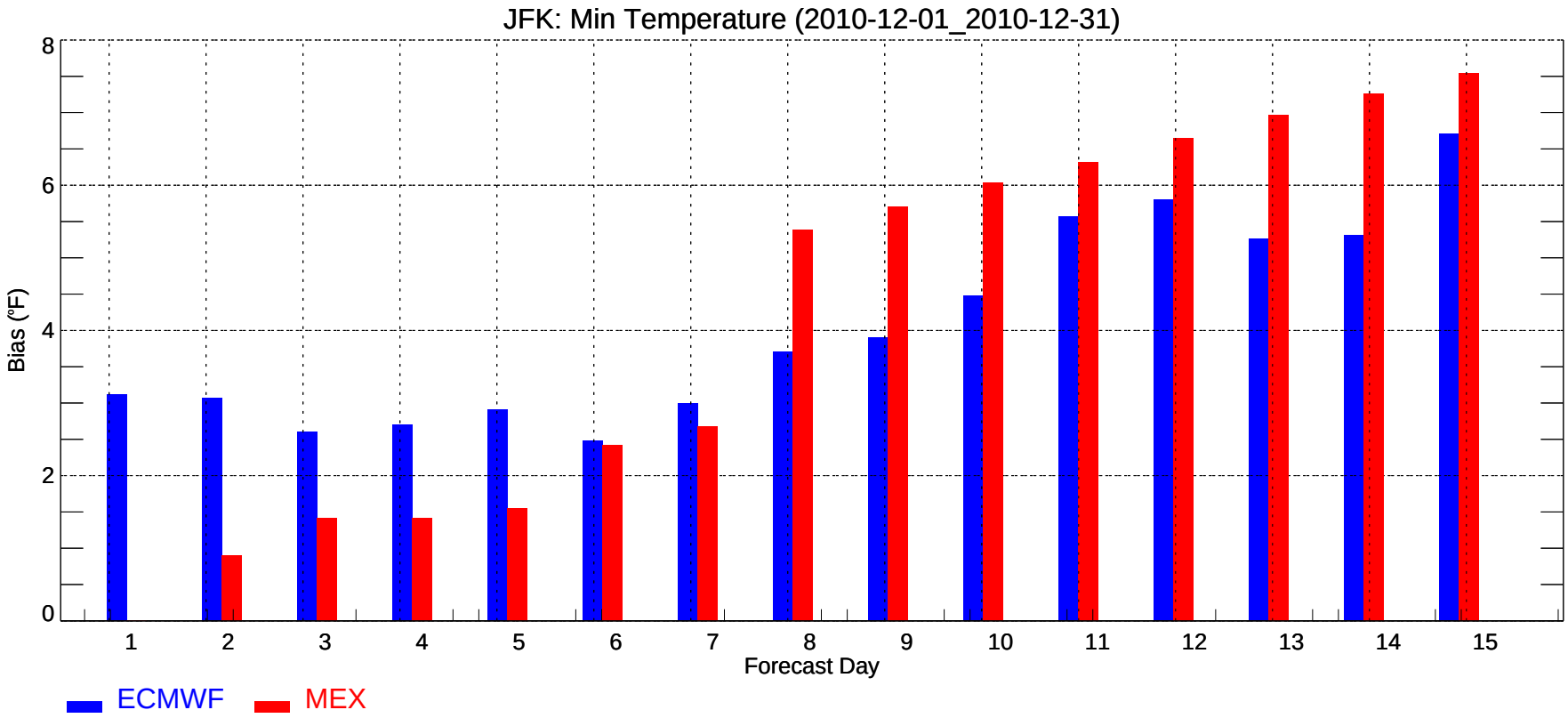

JAX: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

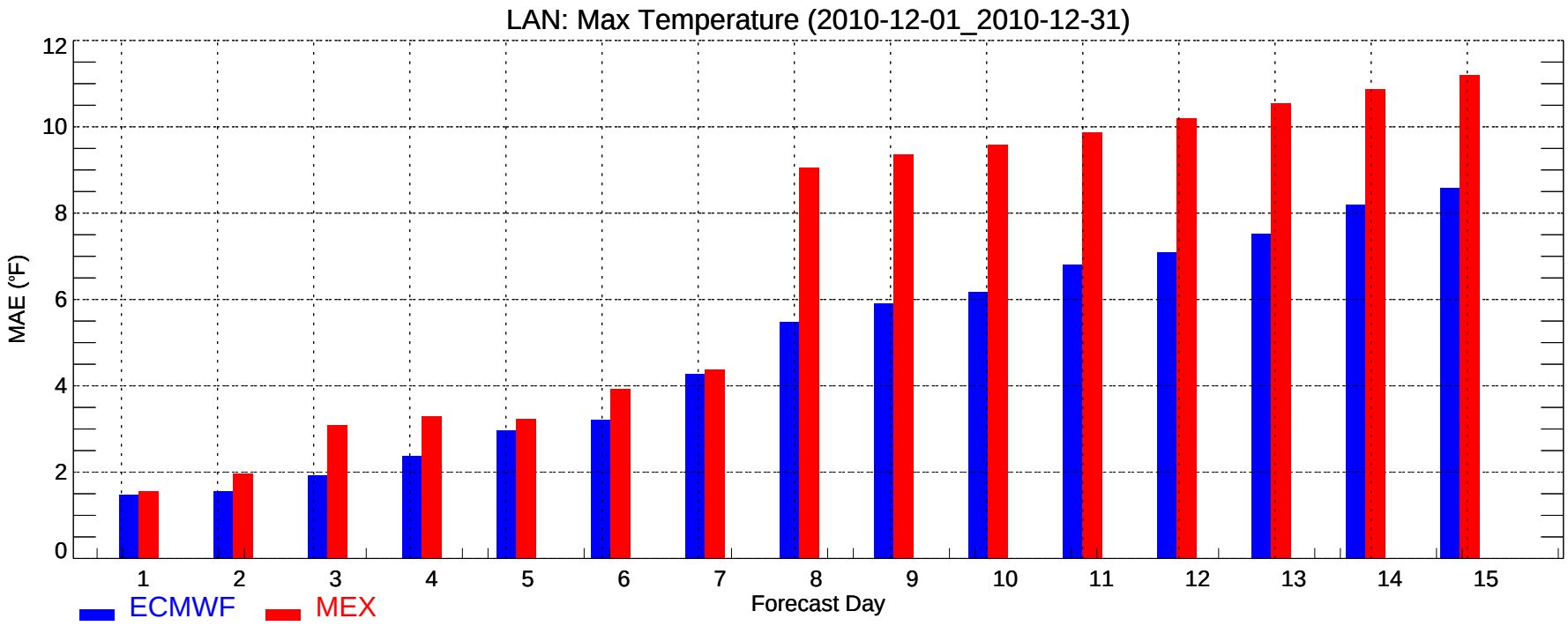

JAX: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

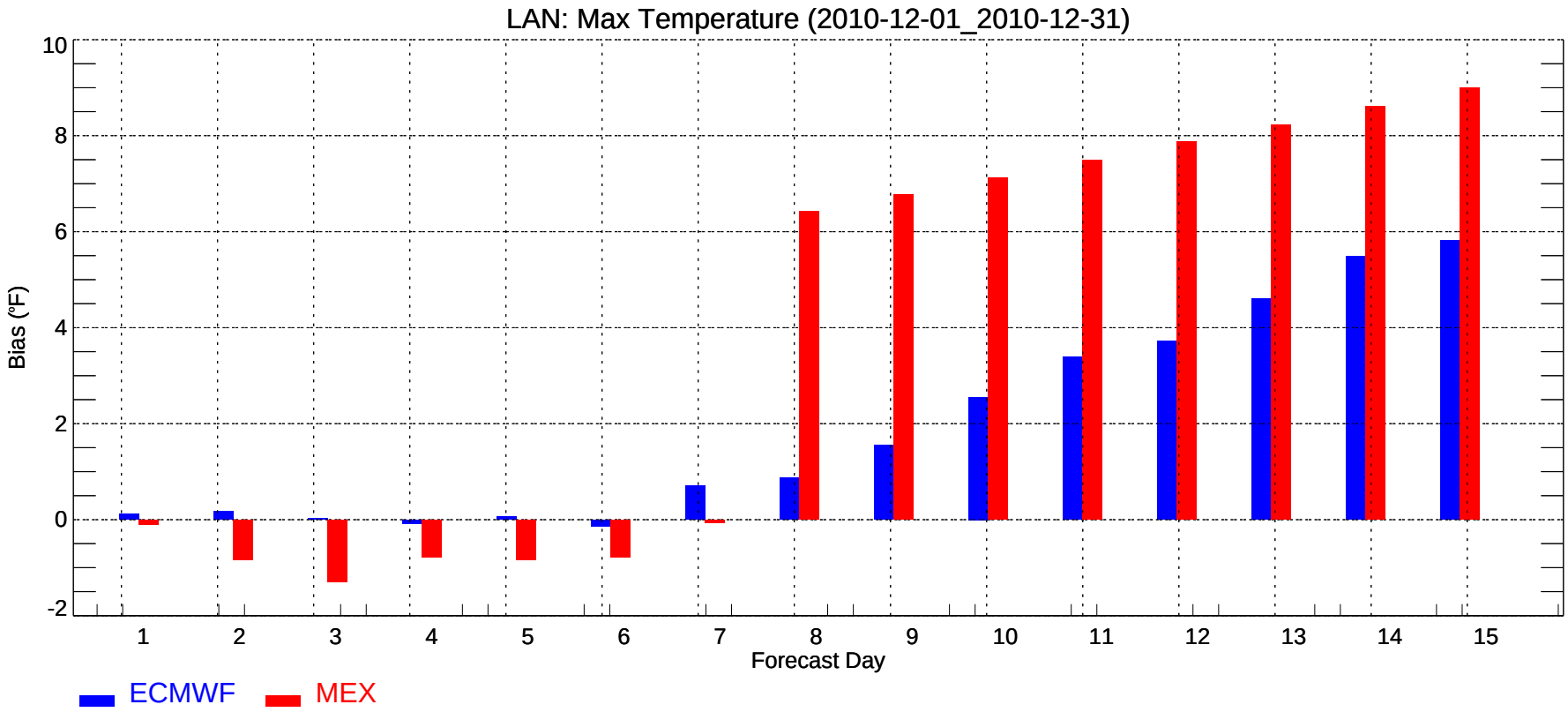

JFK: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

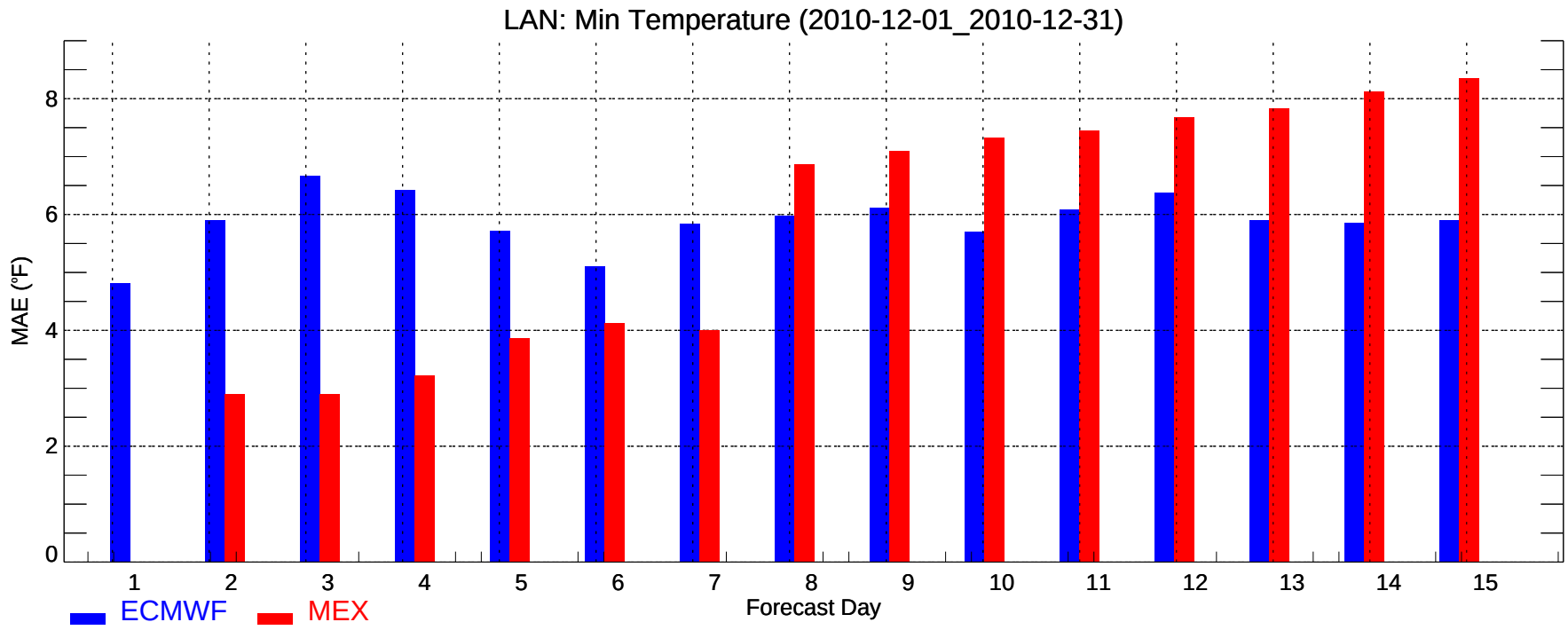

JFK: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

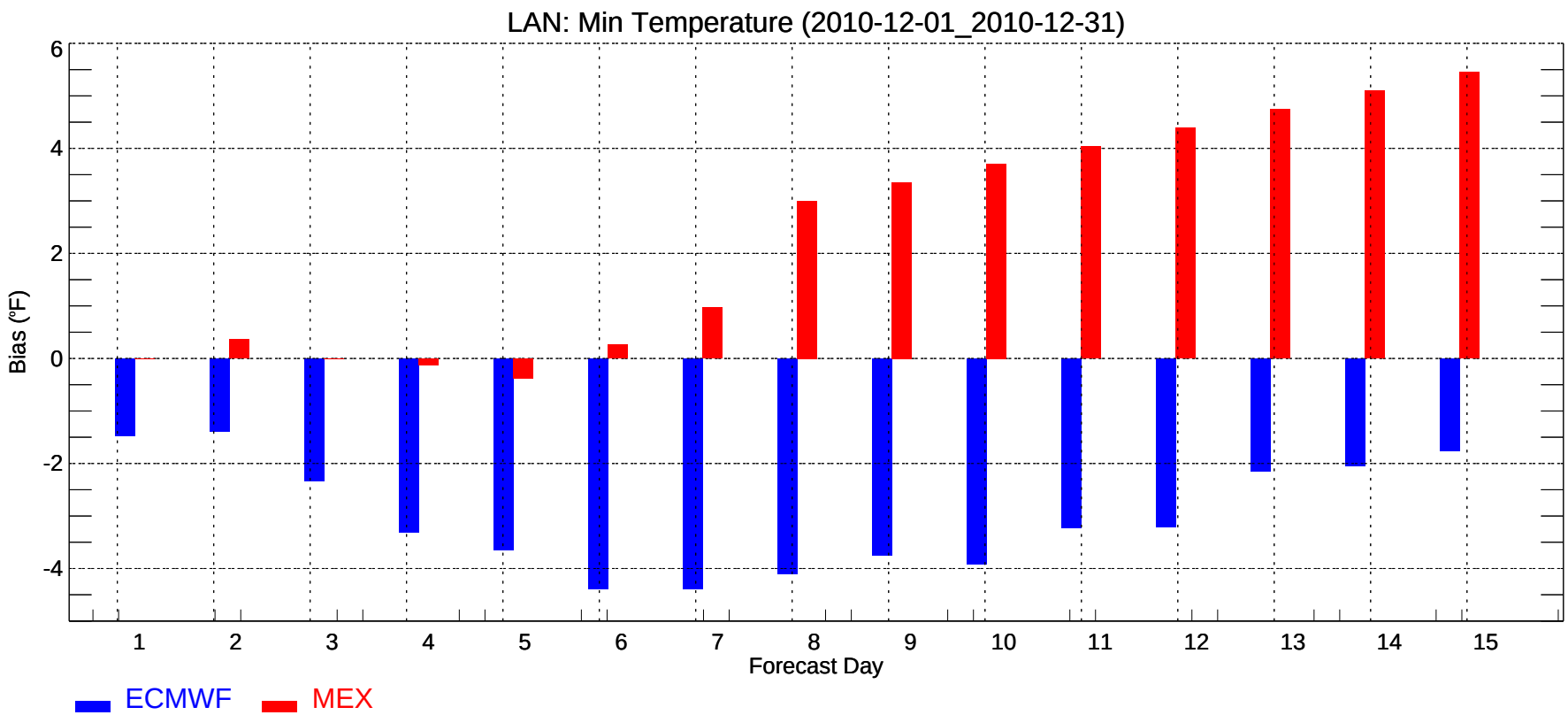

JFK: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

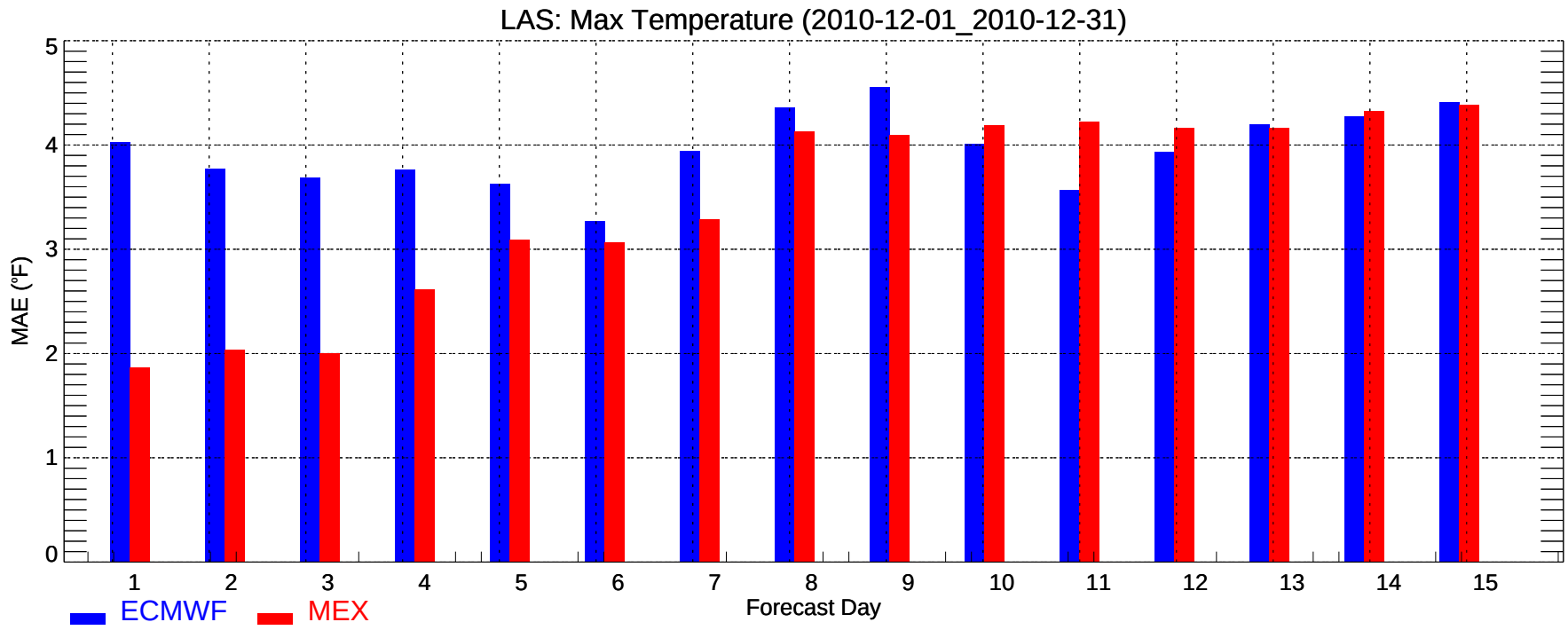

JFK: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

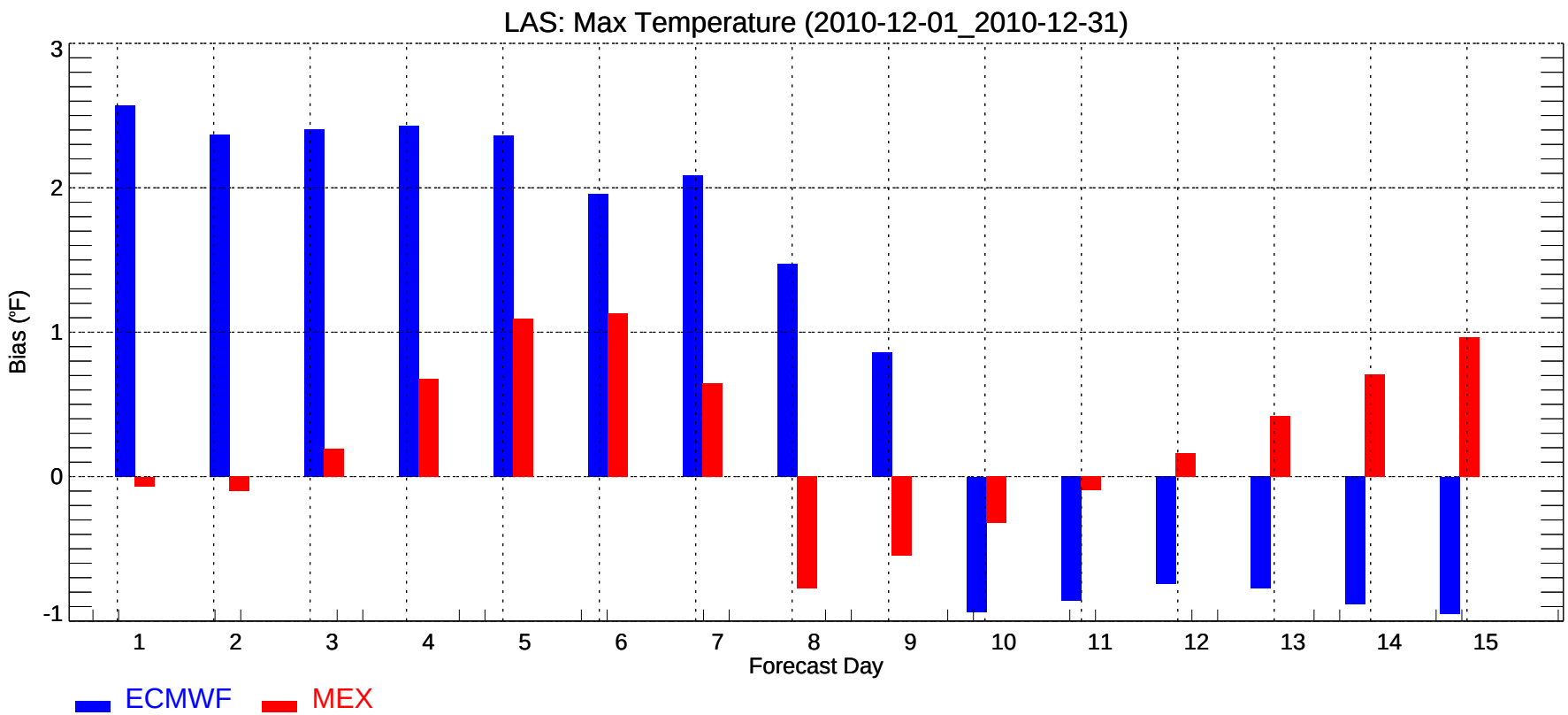

LAN: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

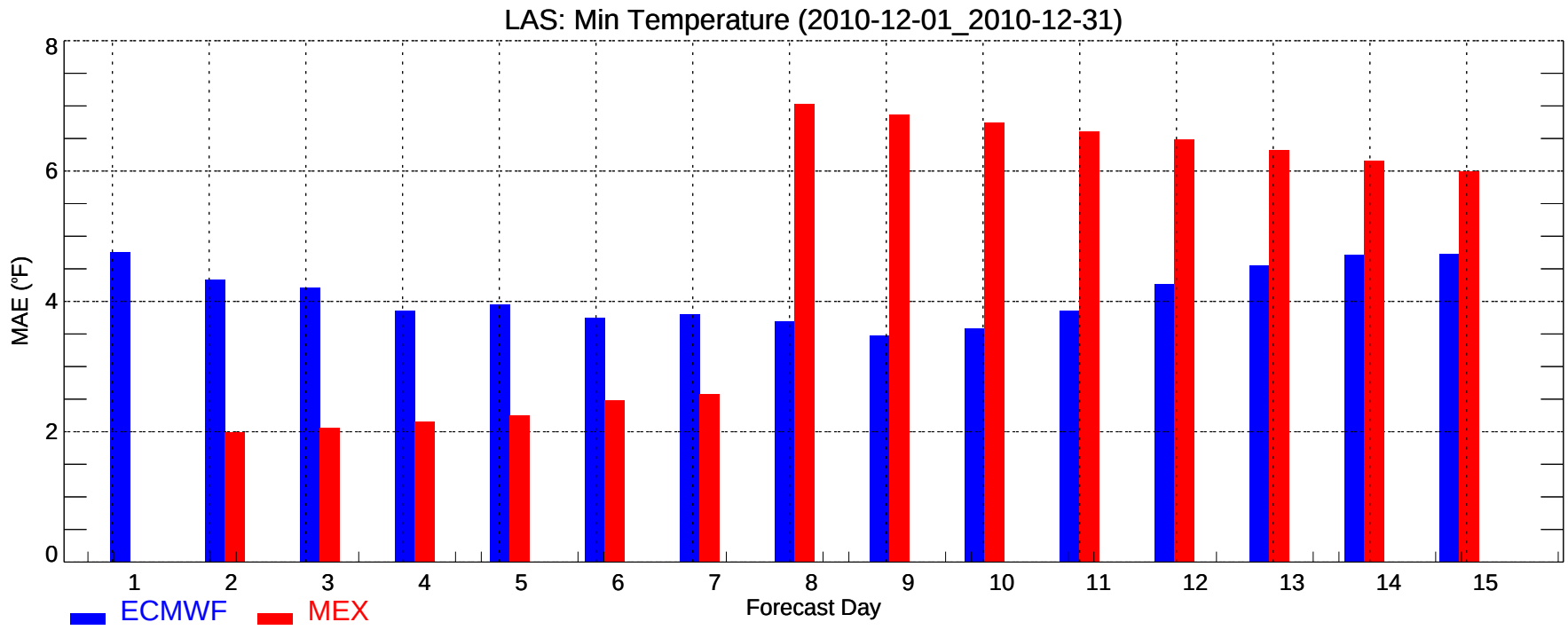

LAN: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

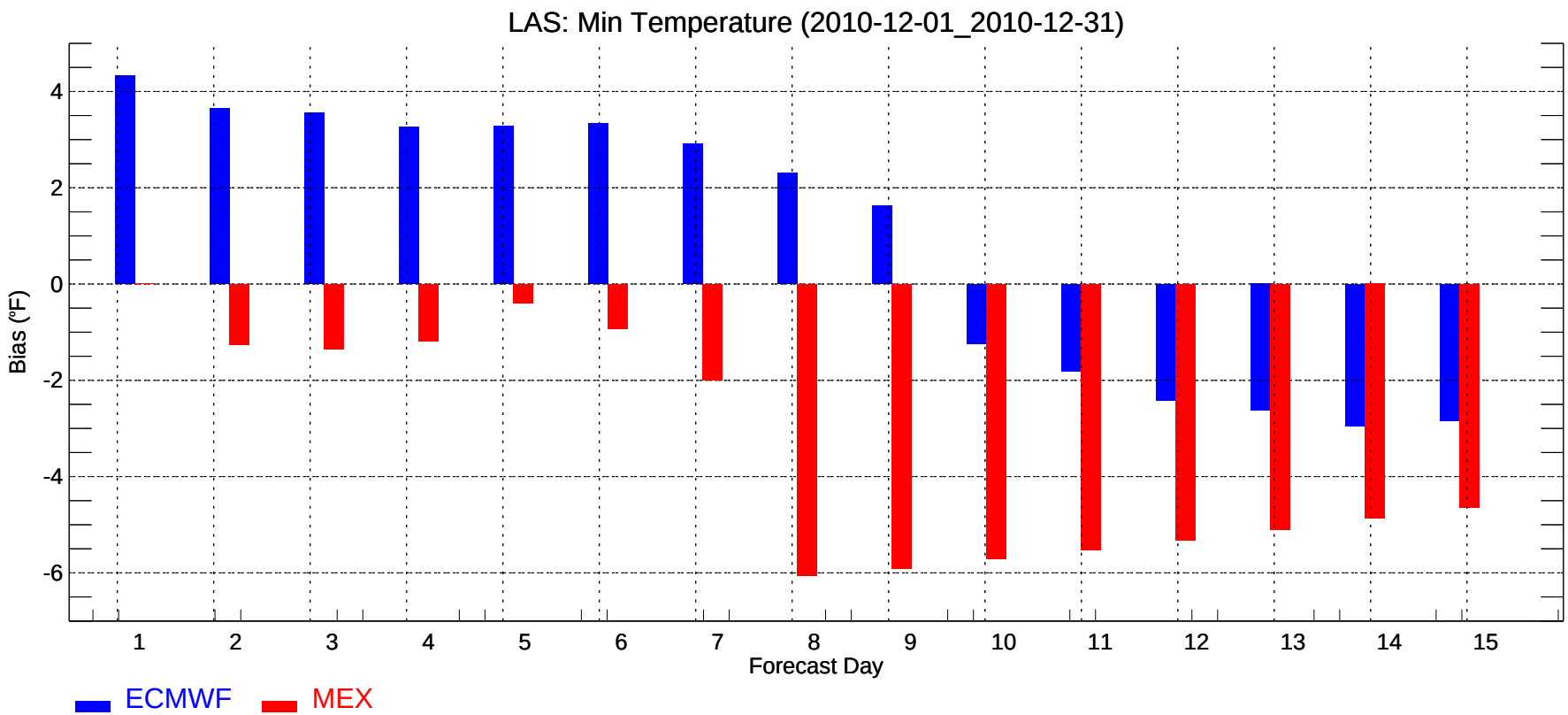

LAN: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

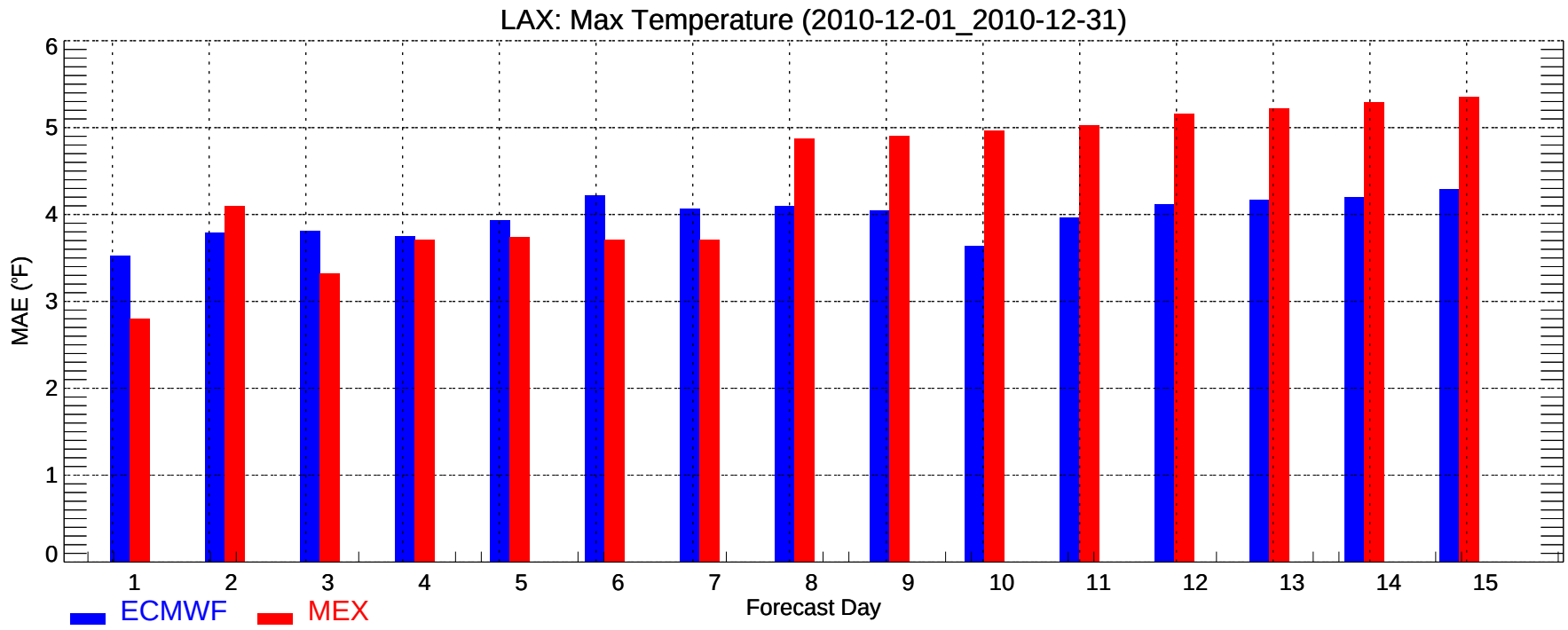

LAN: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
6
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

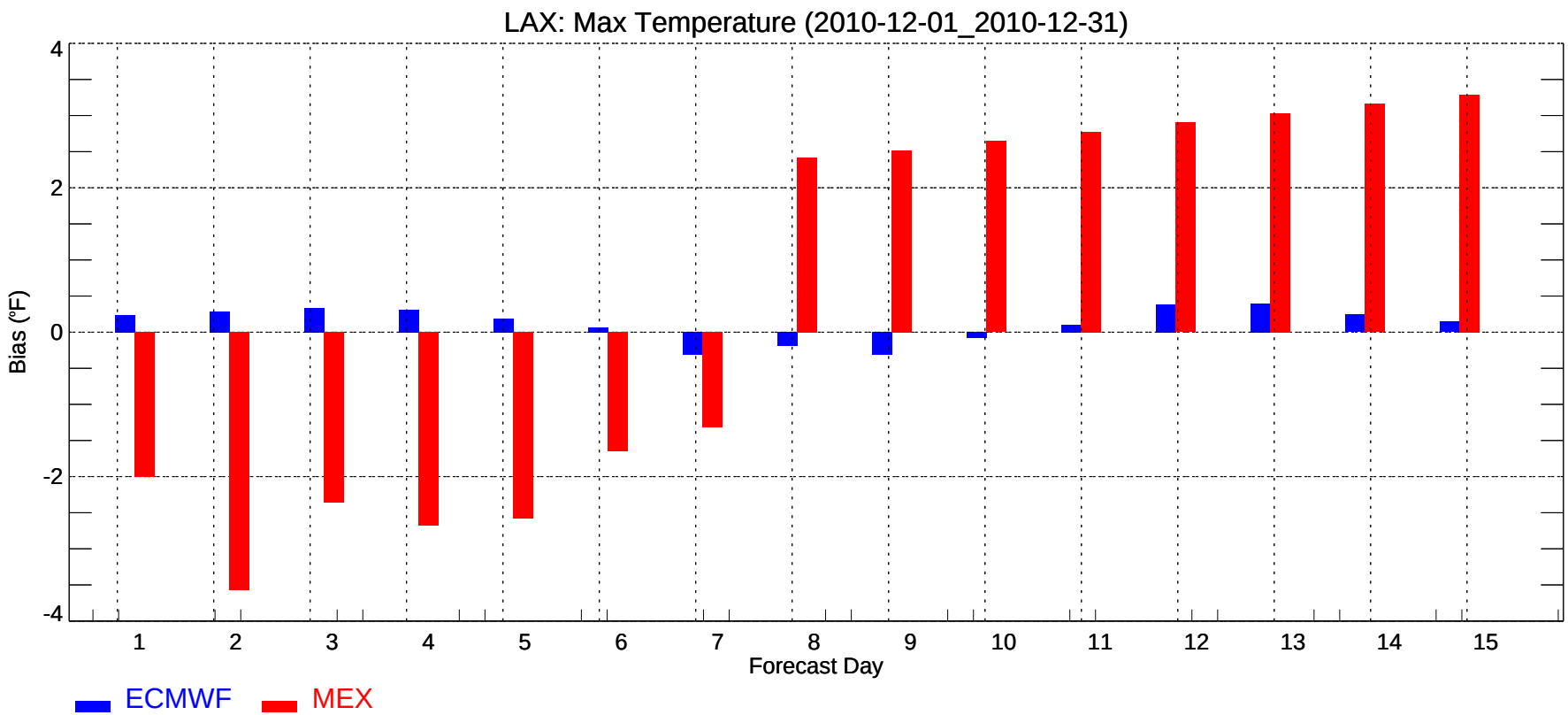

LAS: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

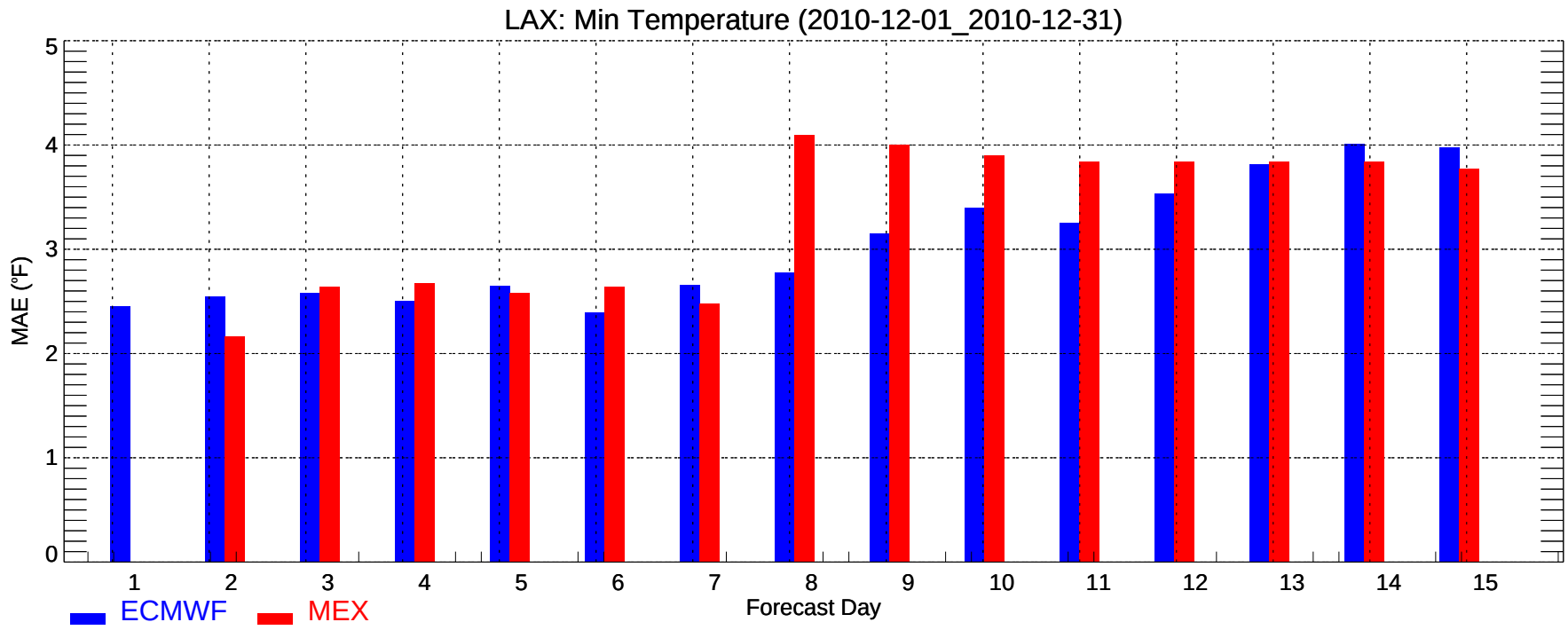

LAS: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

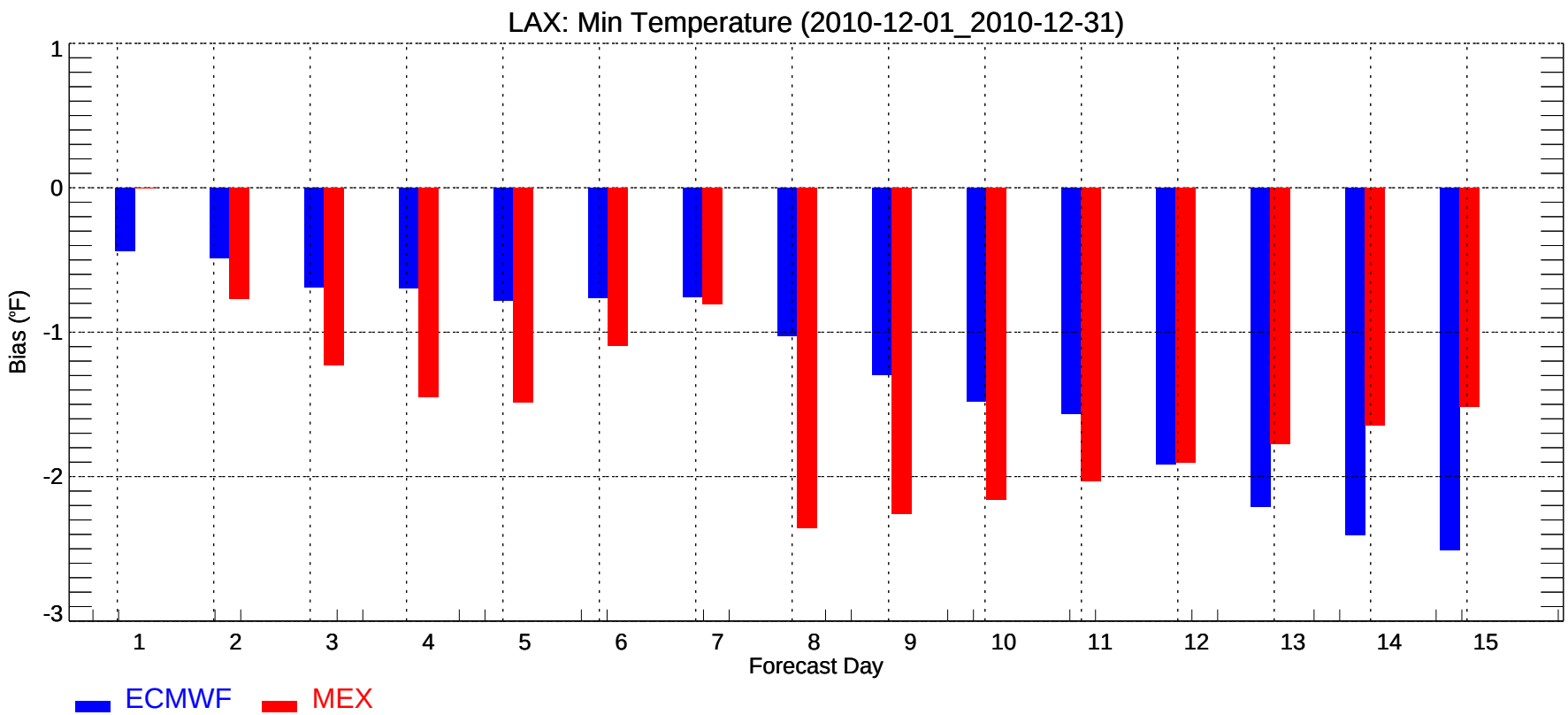

LAS: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

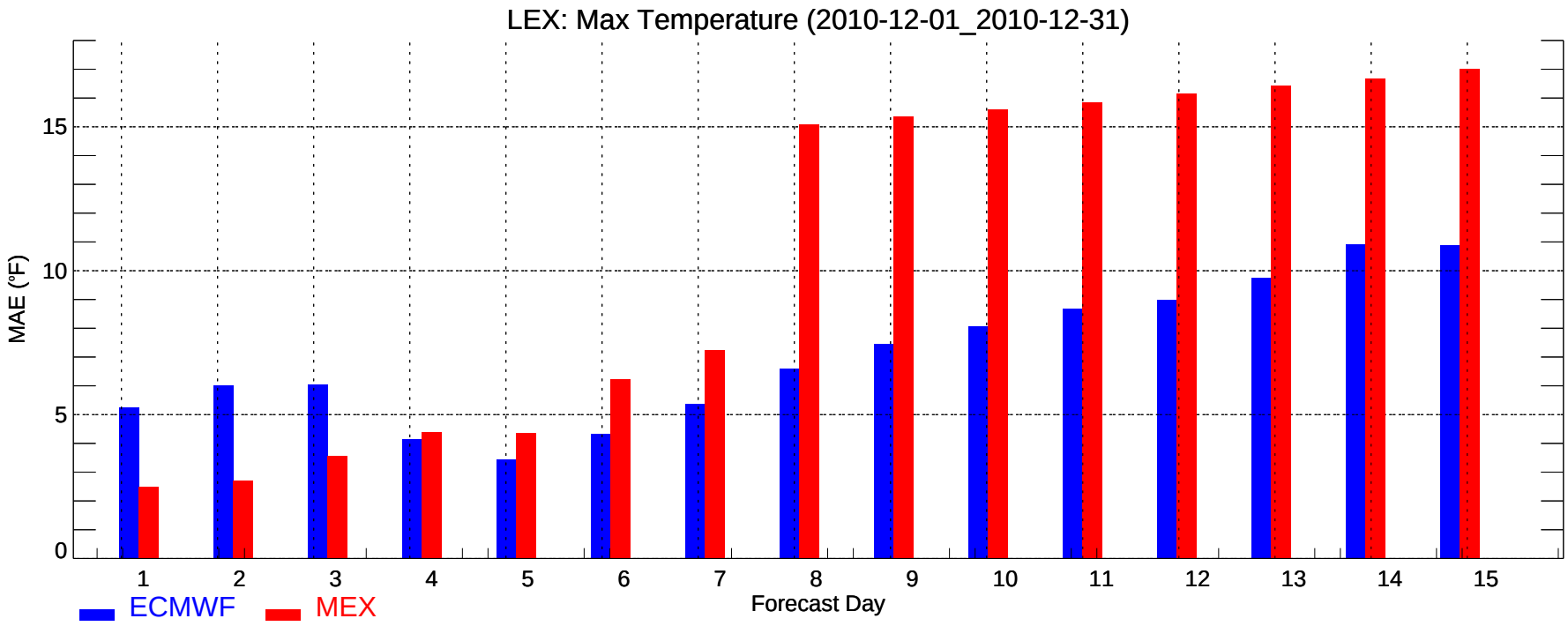

LAS: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

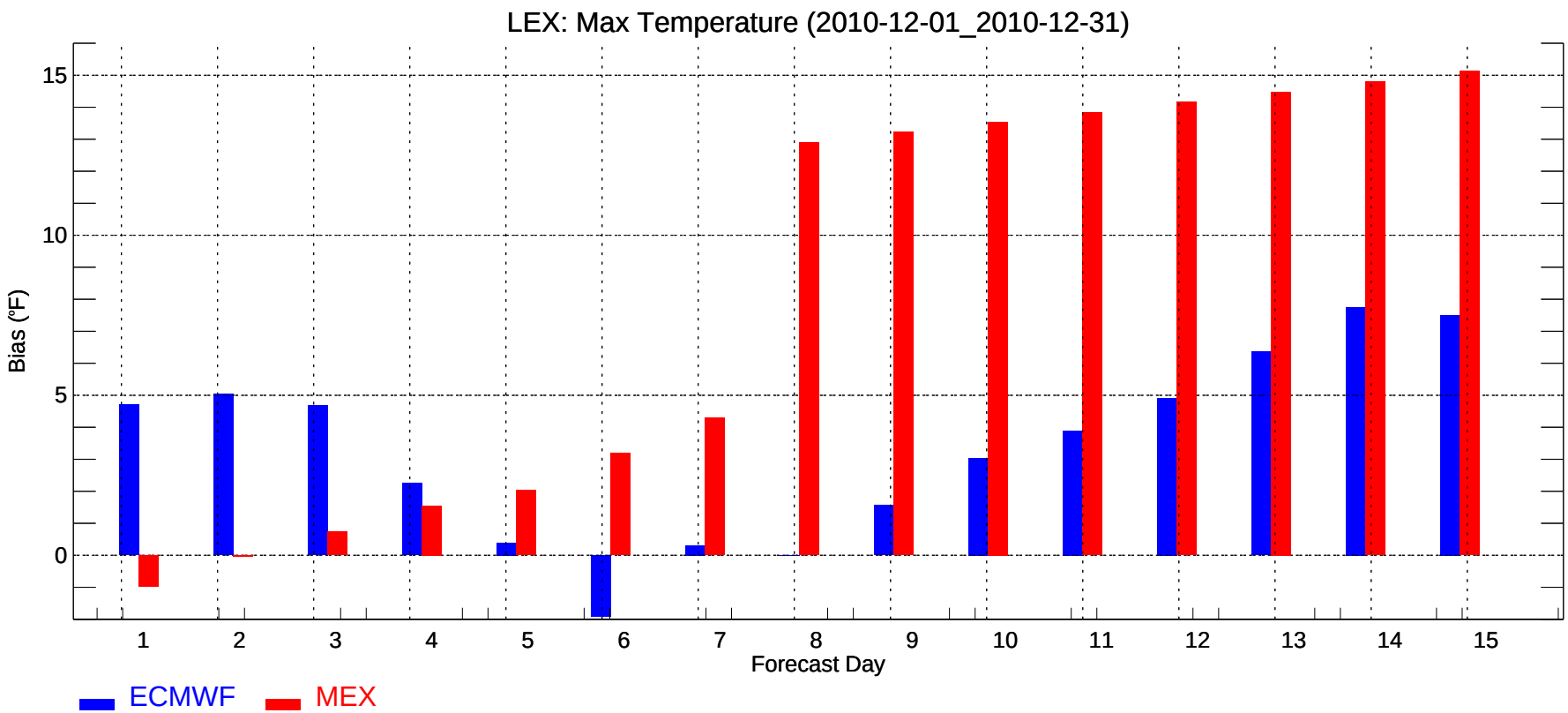

LAX: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

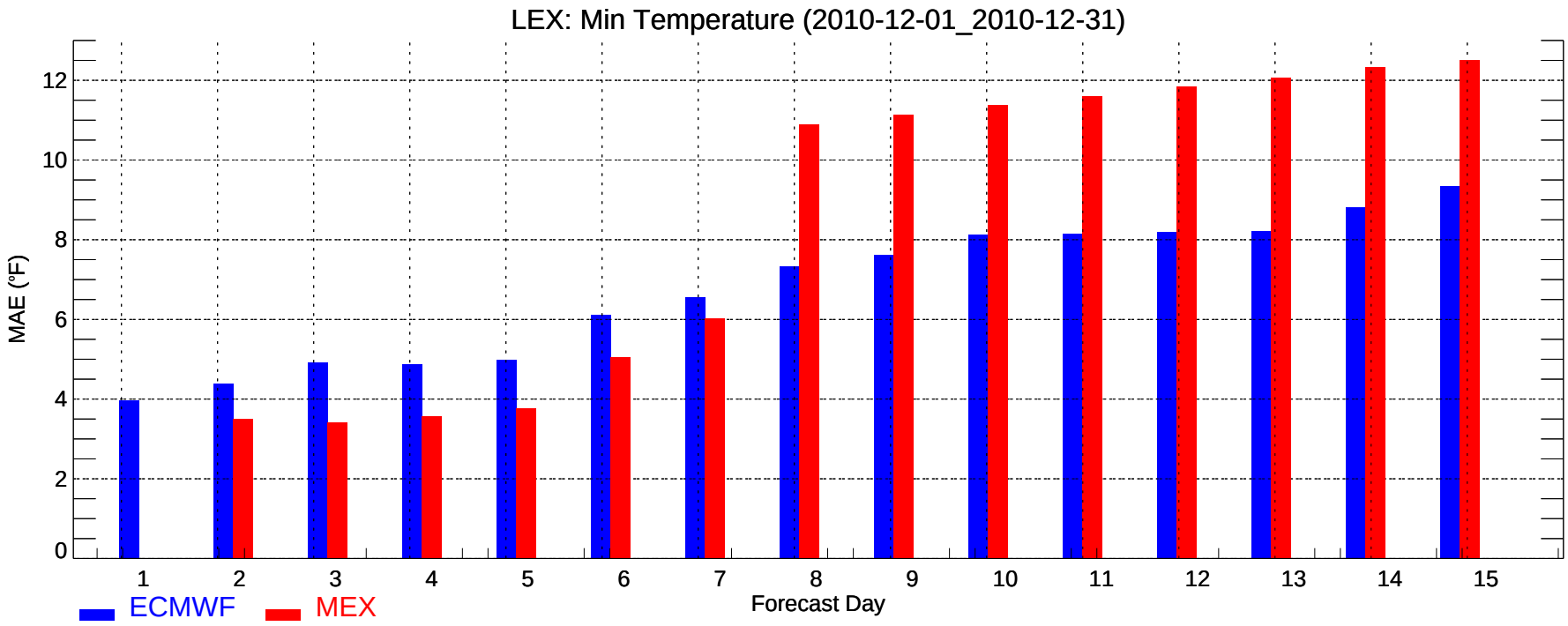

LAX: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

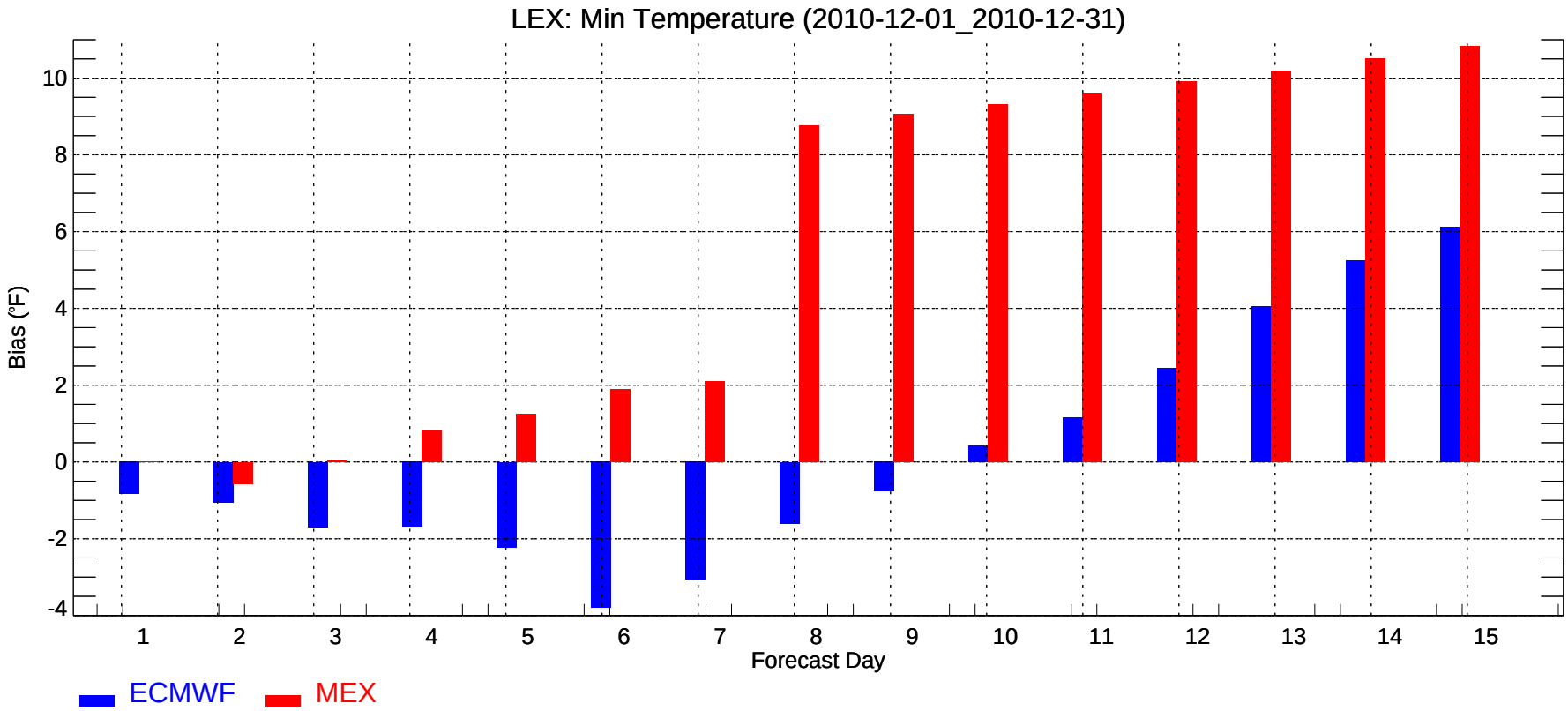

LAX: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

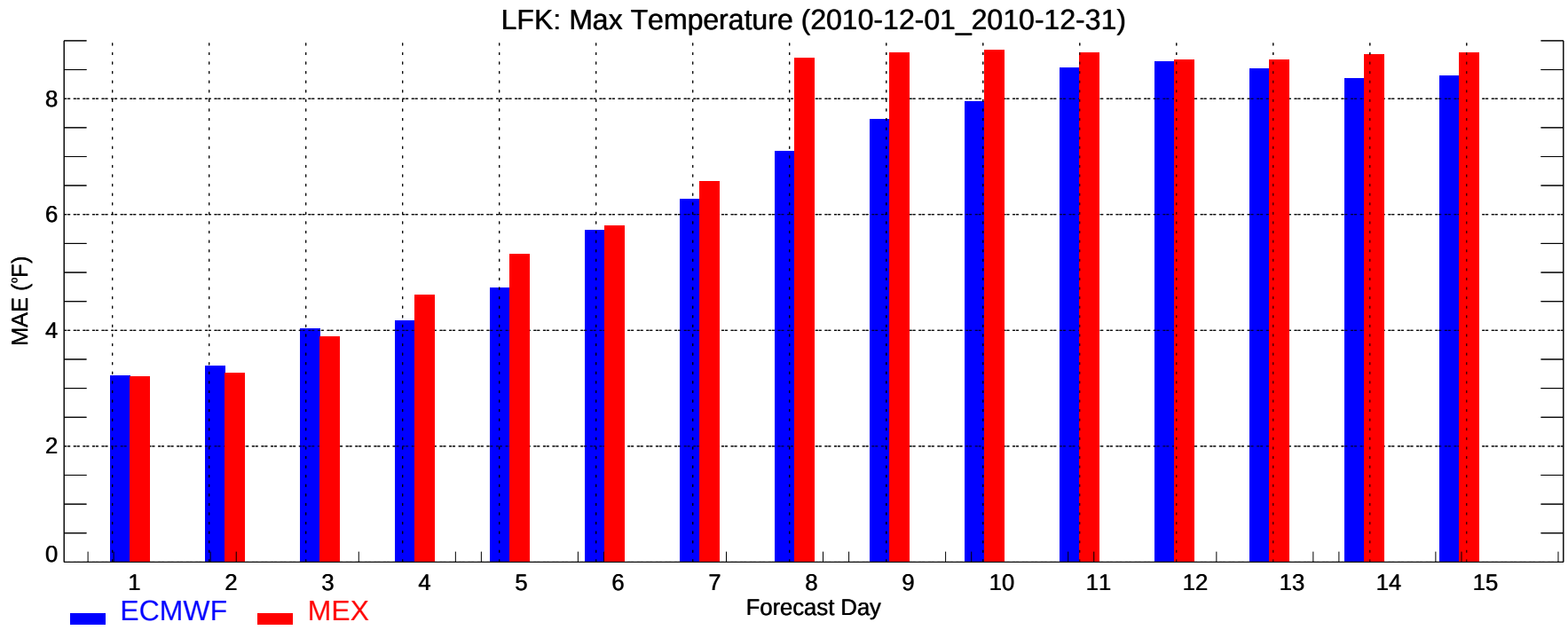

LAX: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

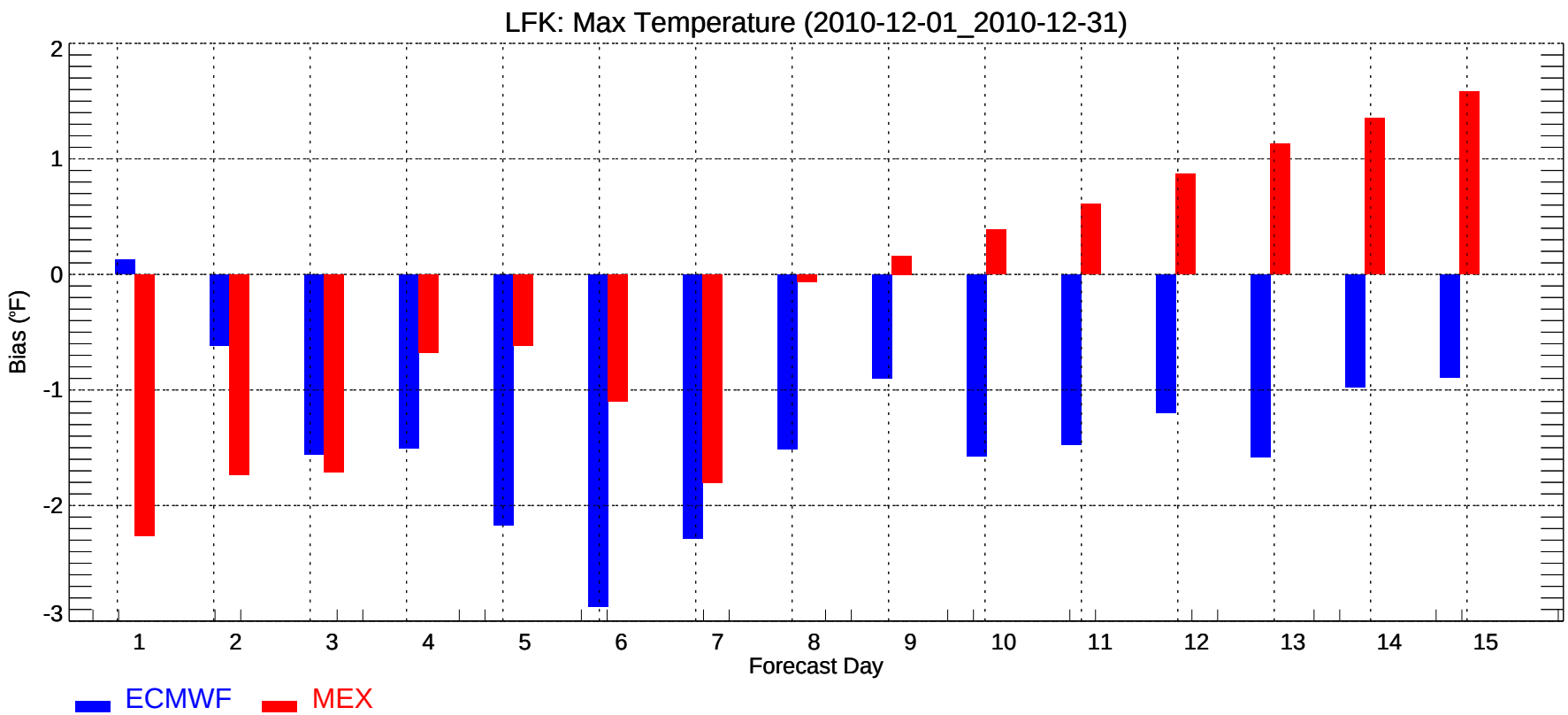

LEX: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

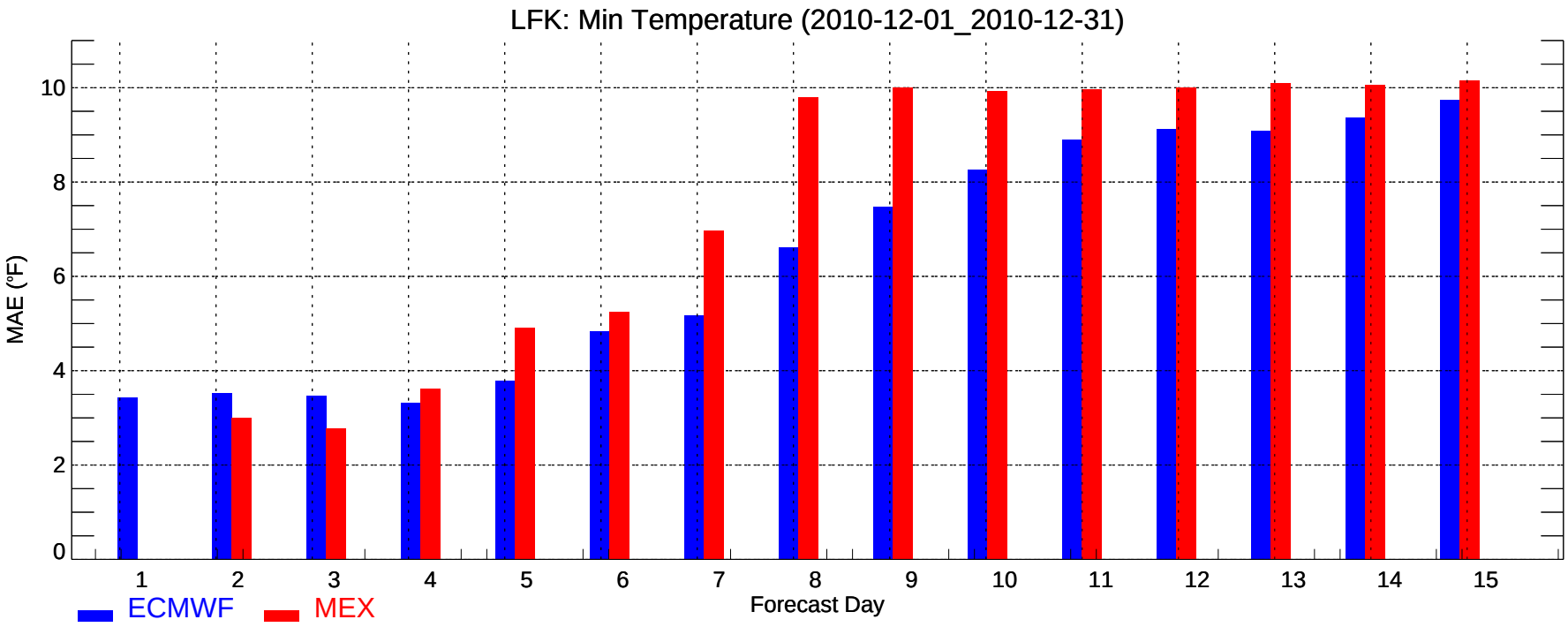

LEX: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

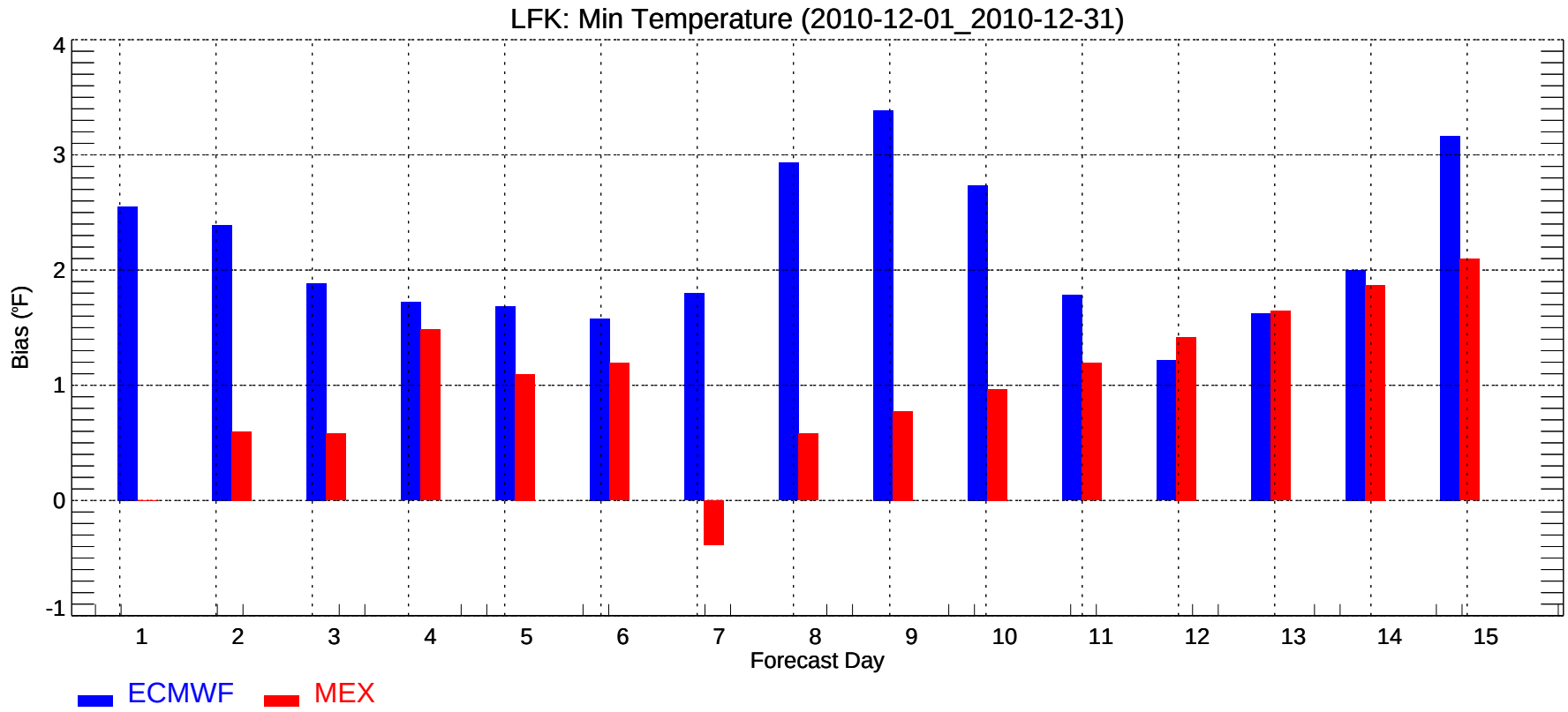

LEX: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

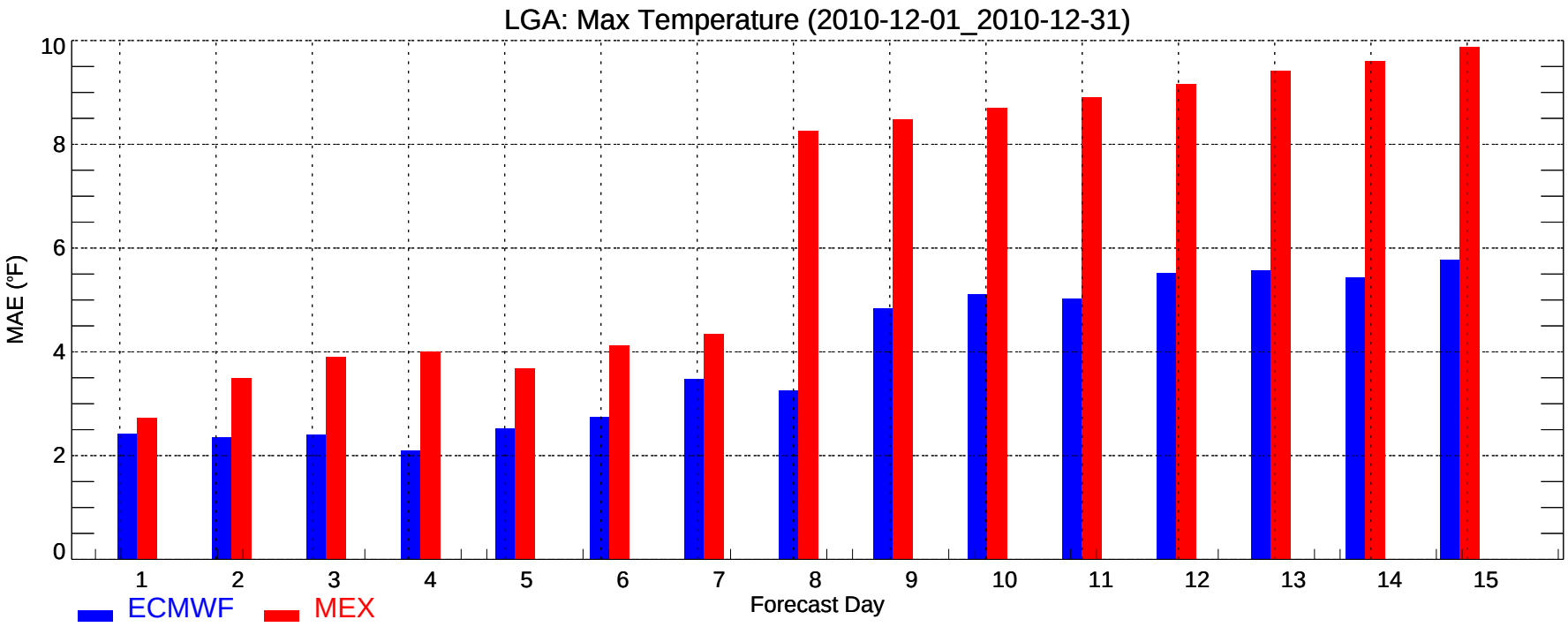

LEX: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

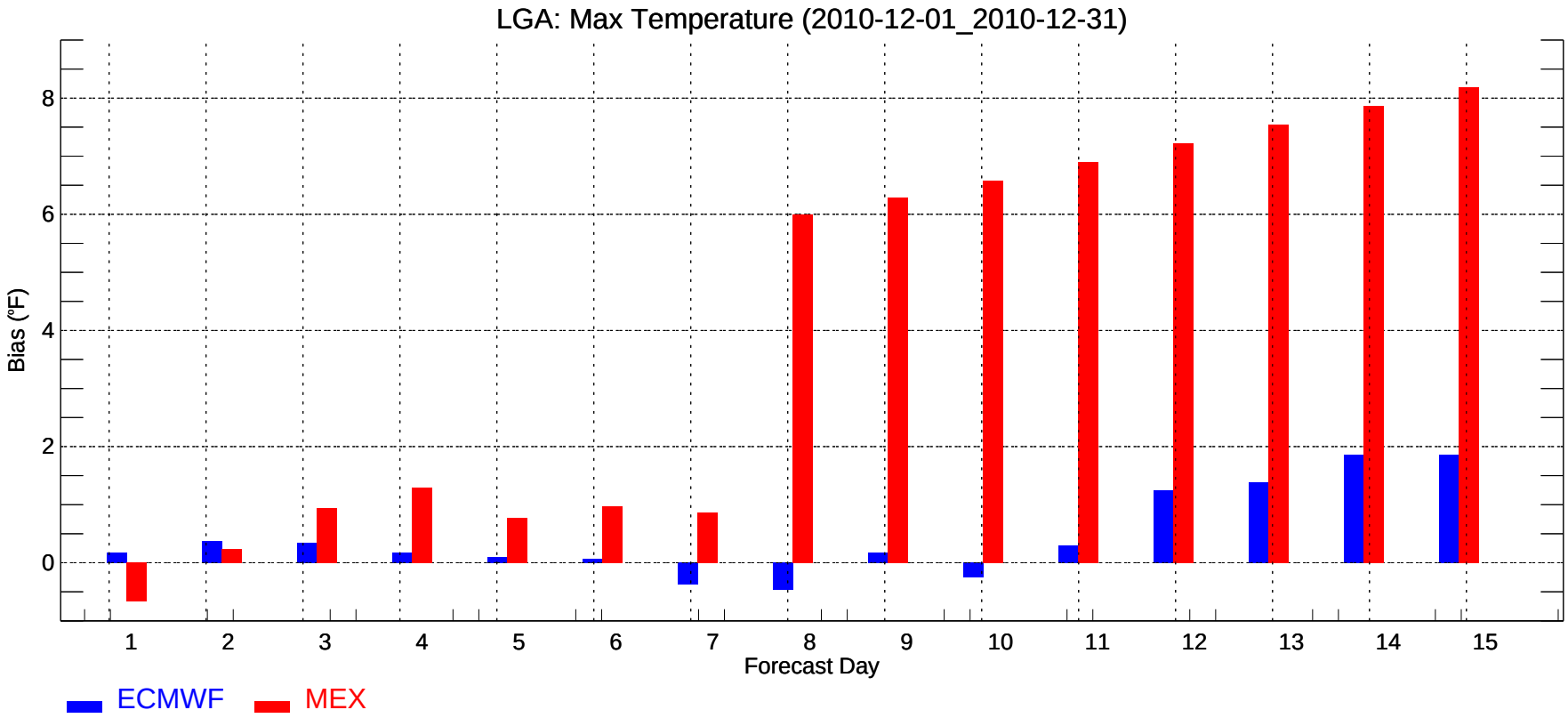

LFK: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

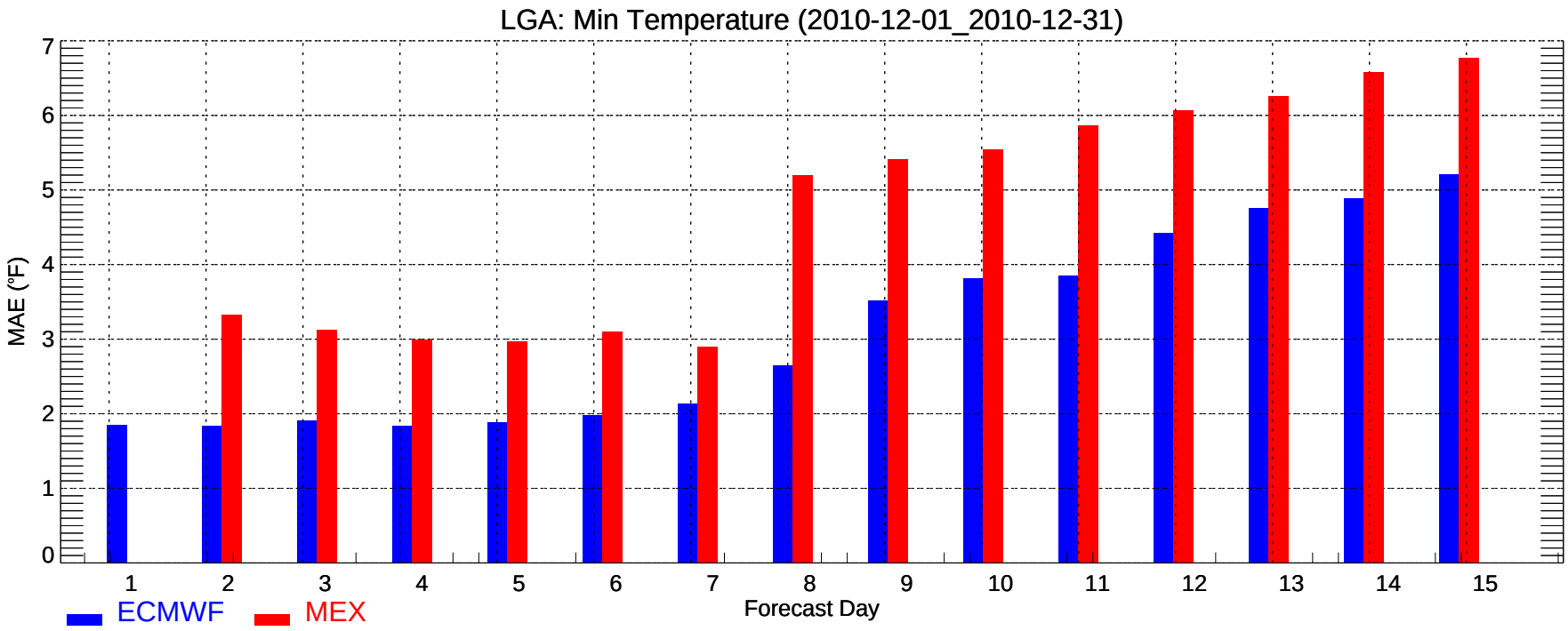

LFK: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

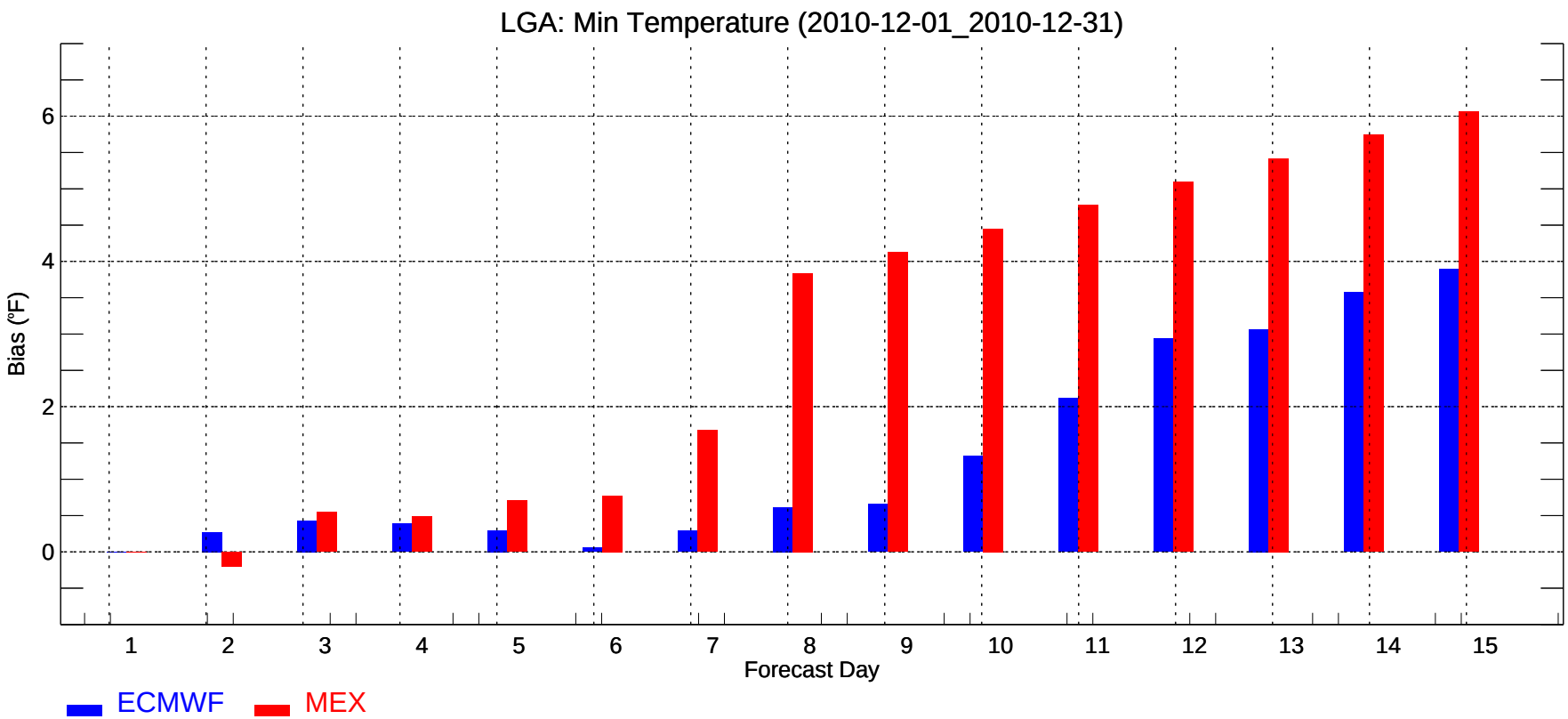

LFK: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

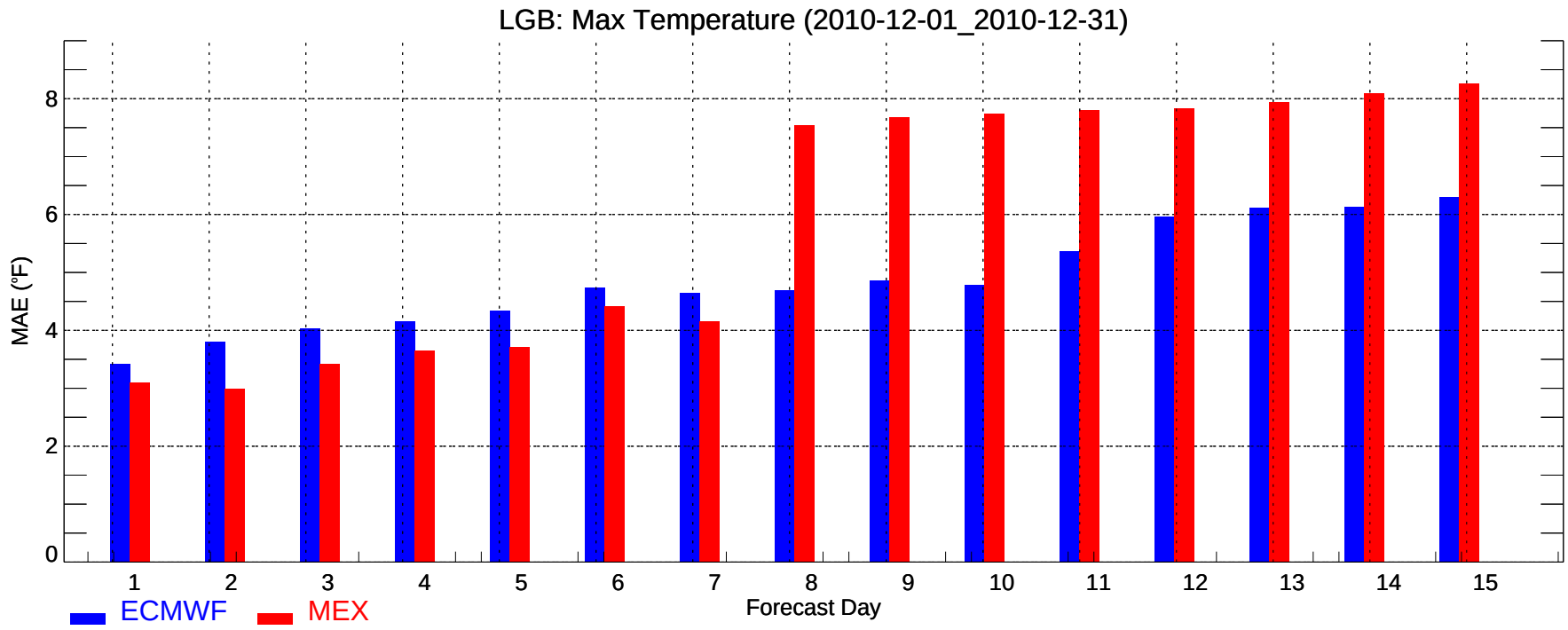

LFK: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

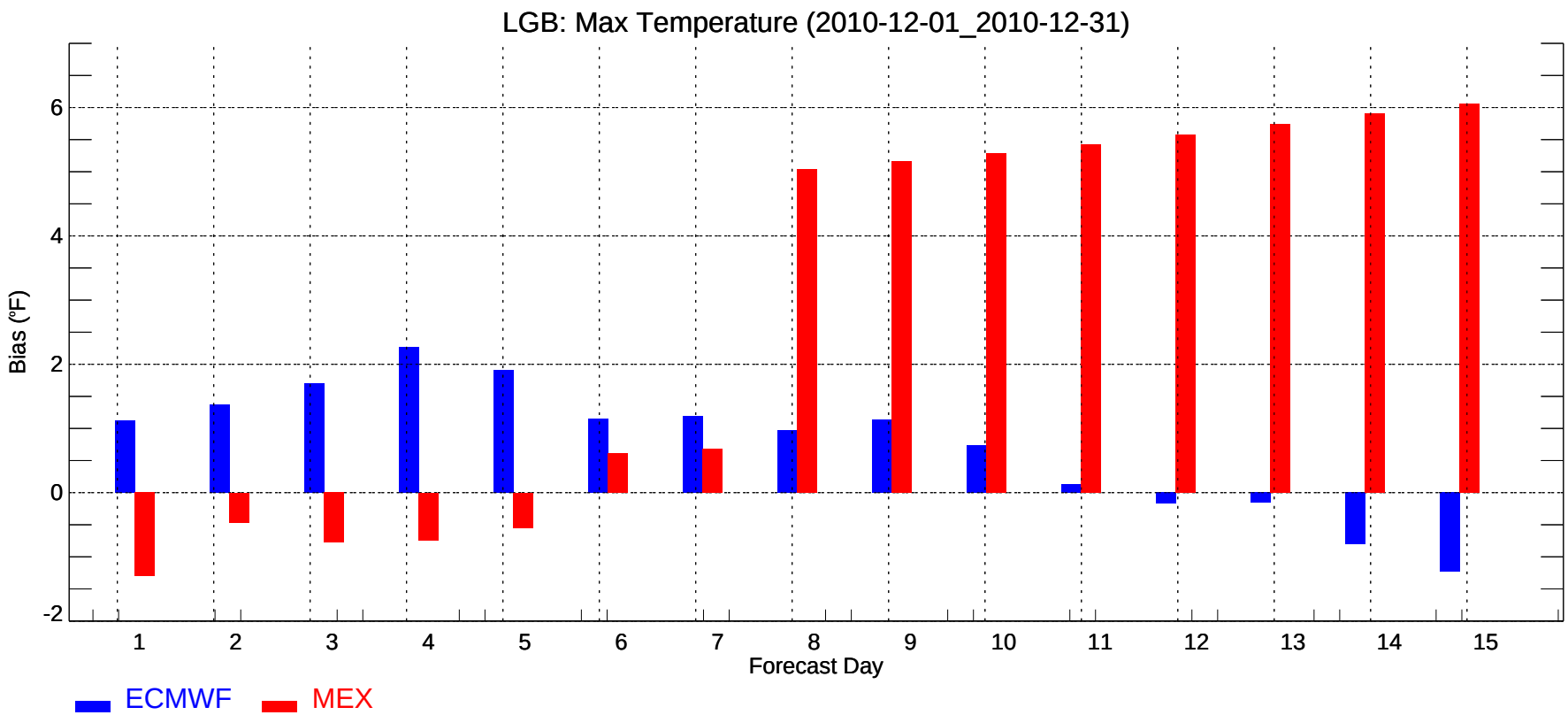

LGA: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

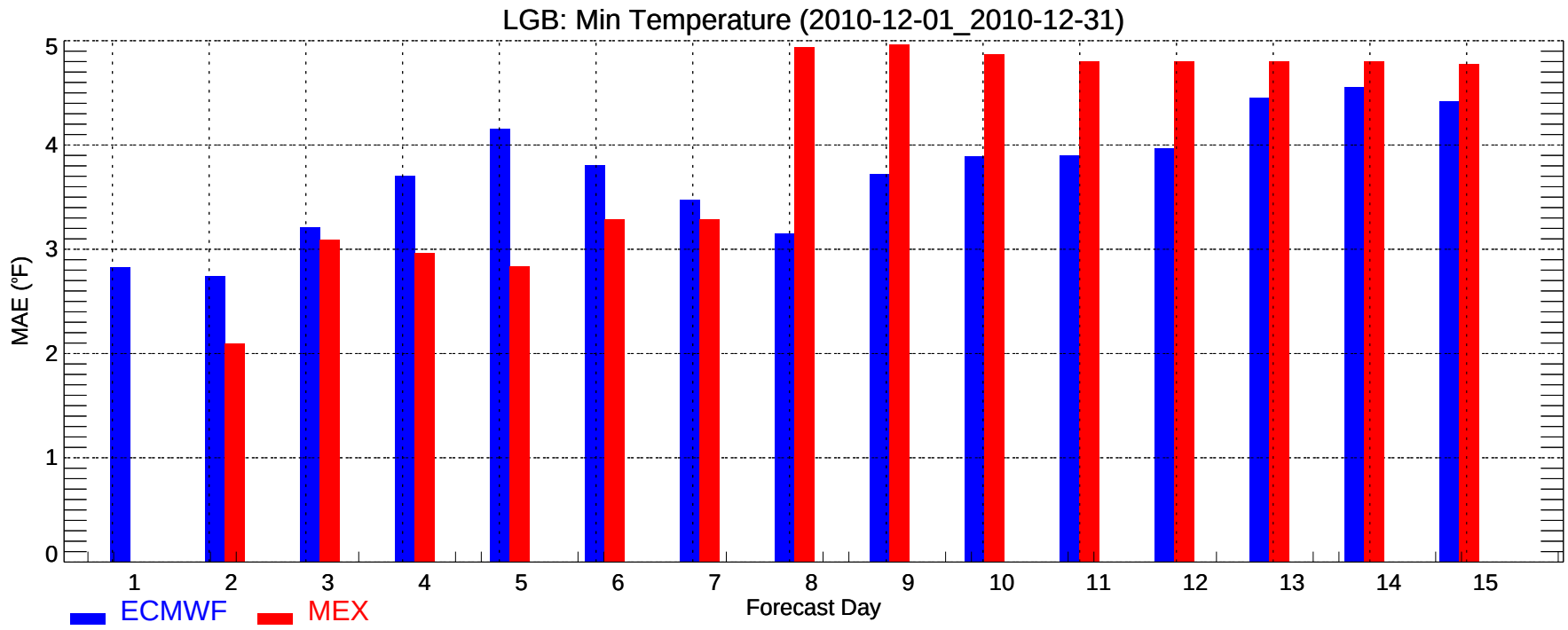

LGA: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

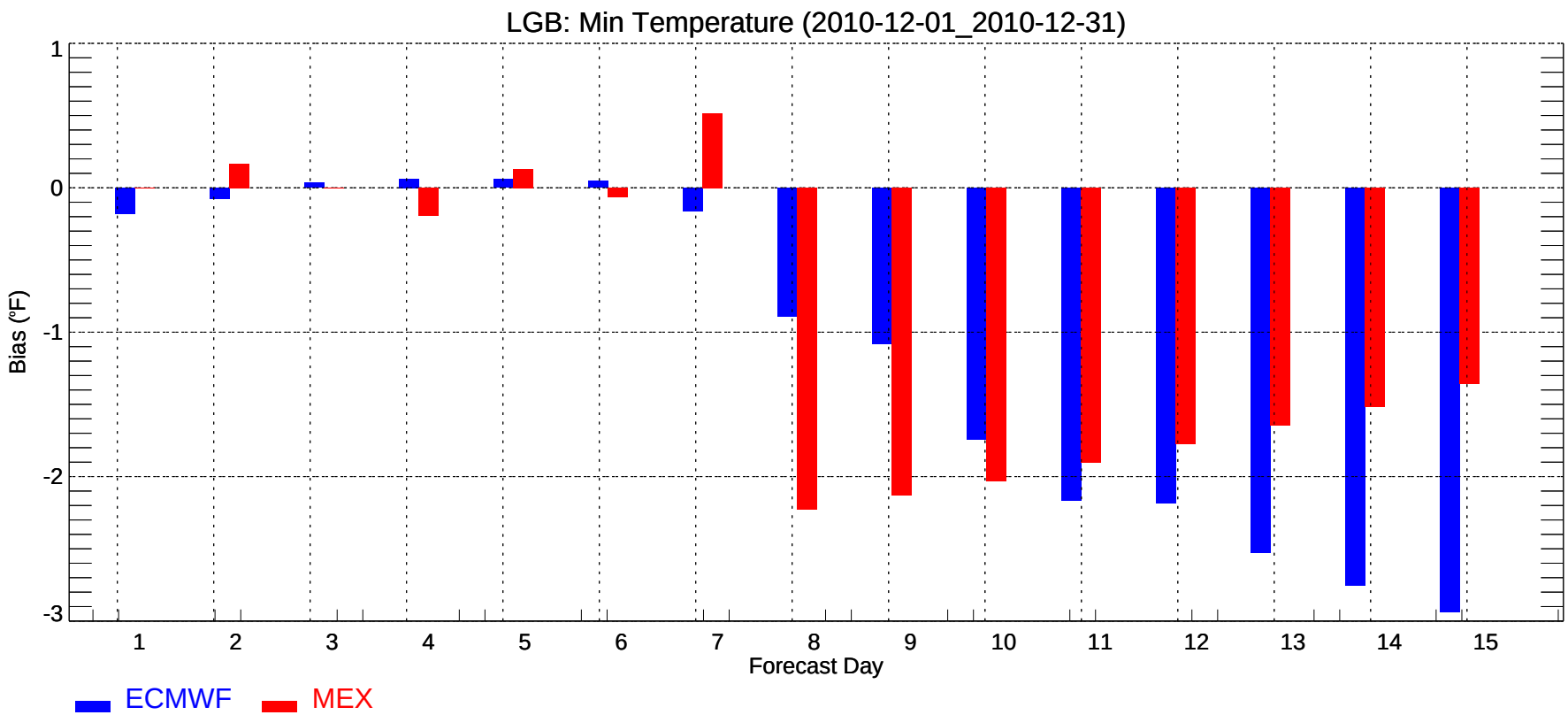

LGA: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

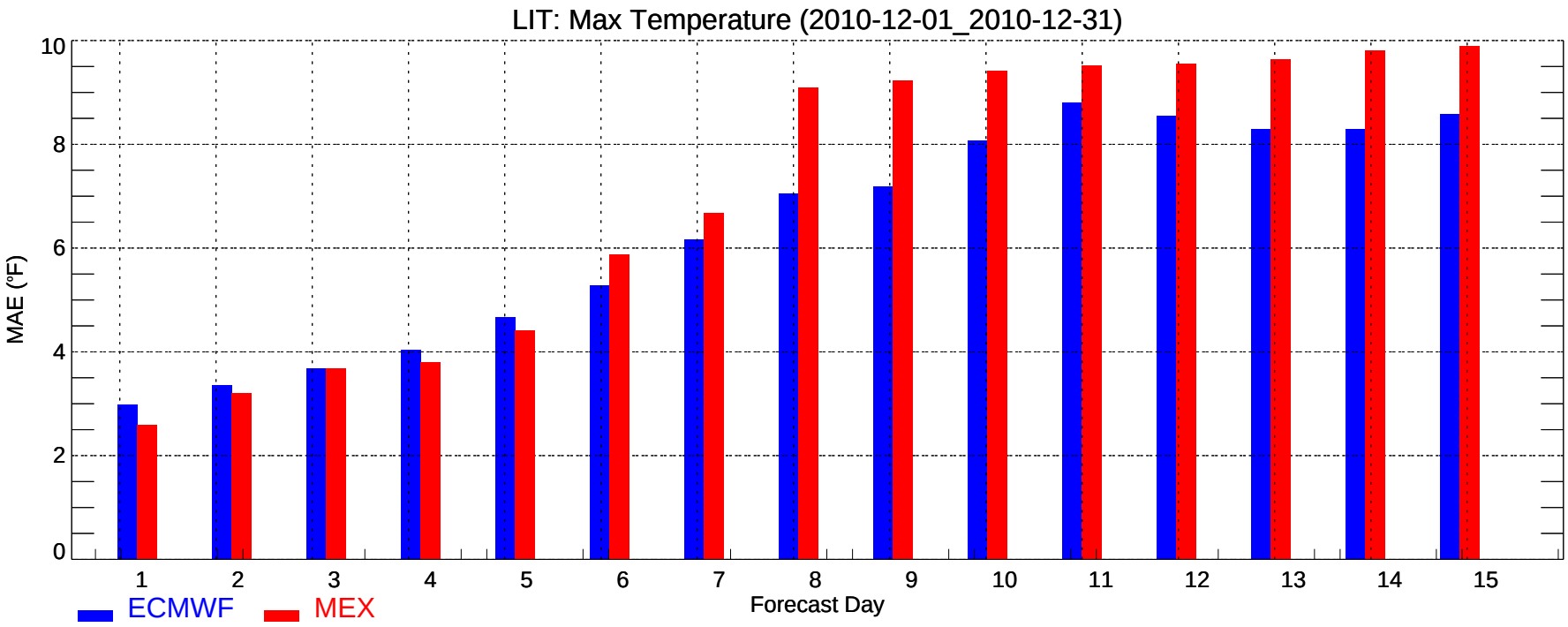

LGA: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

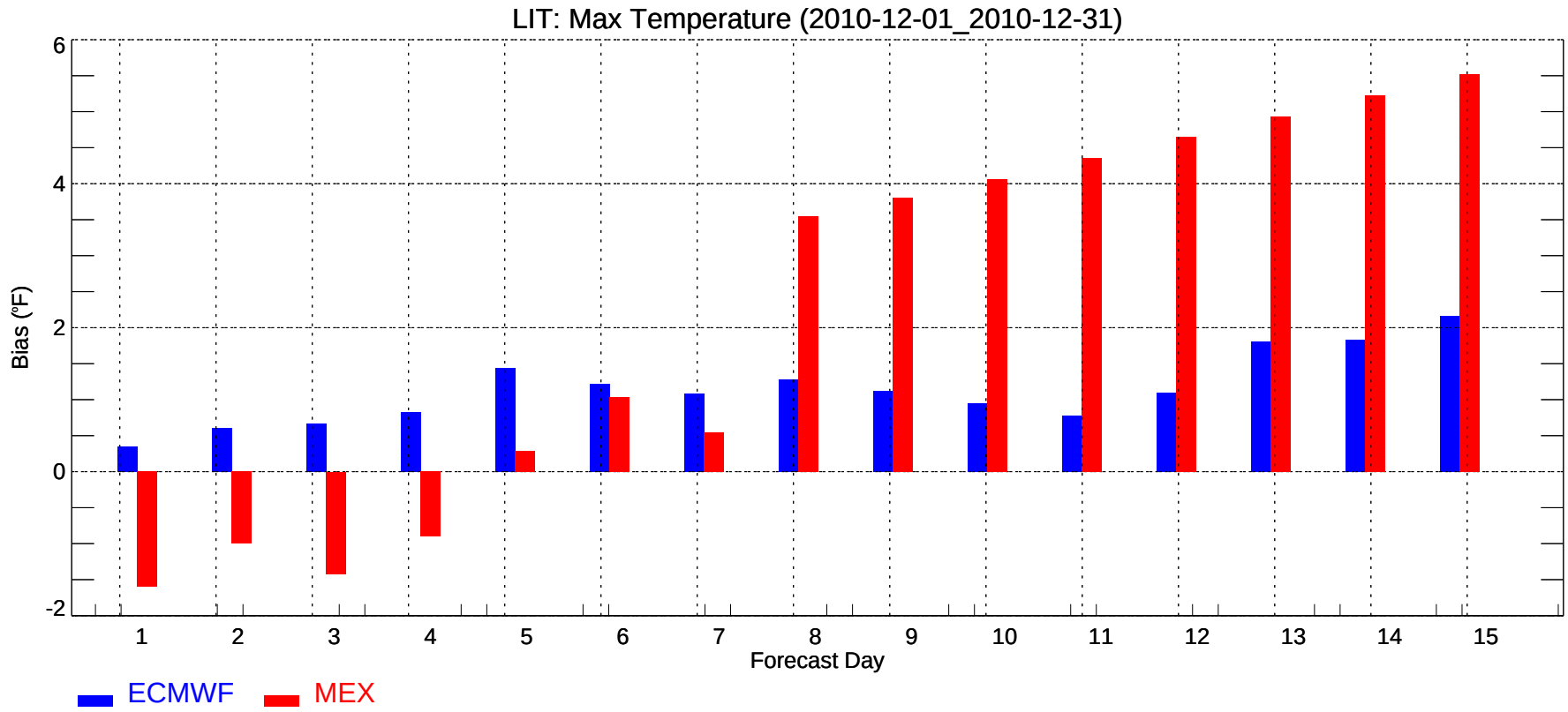

LGB: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

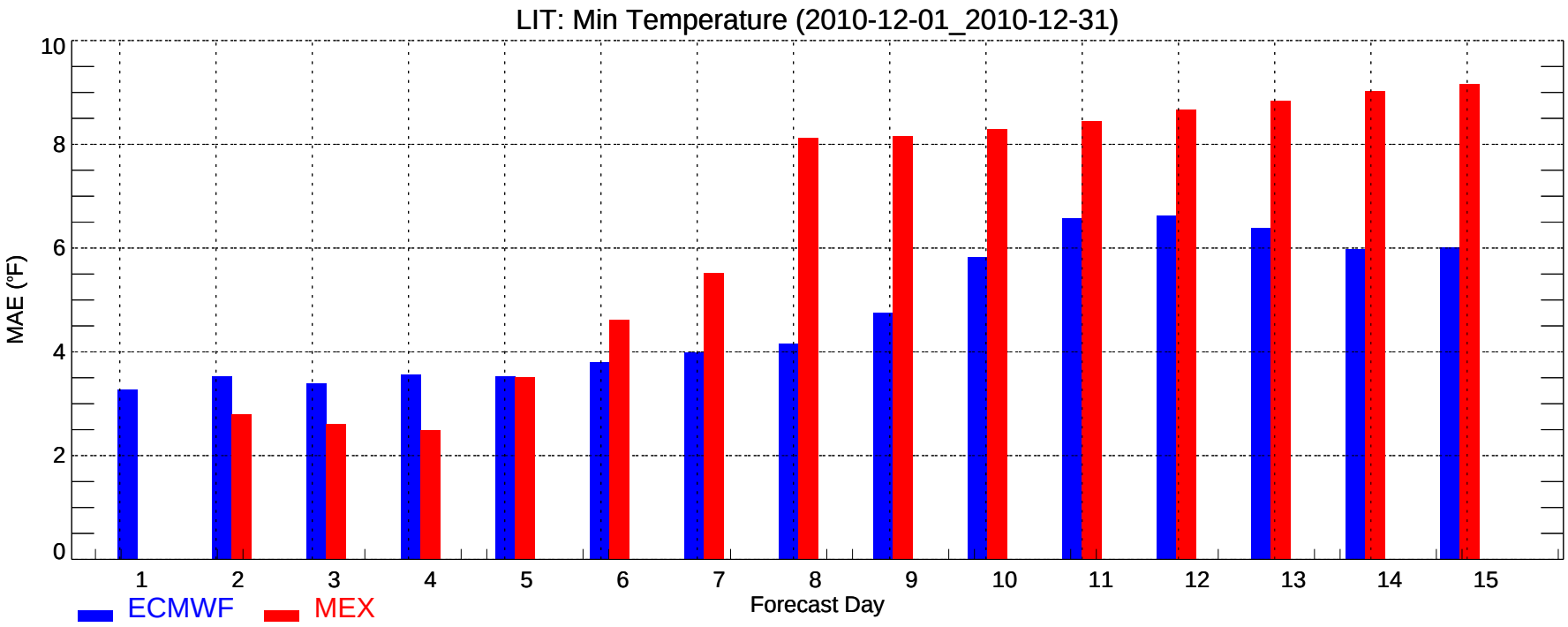

LGB: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

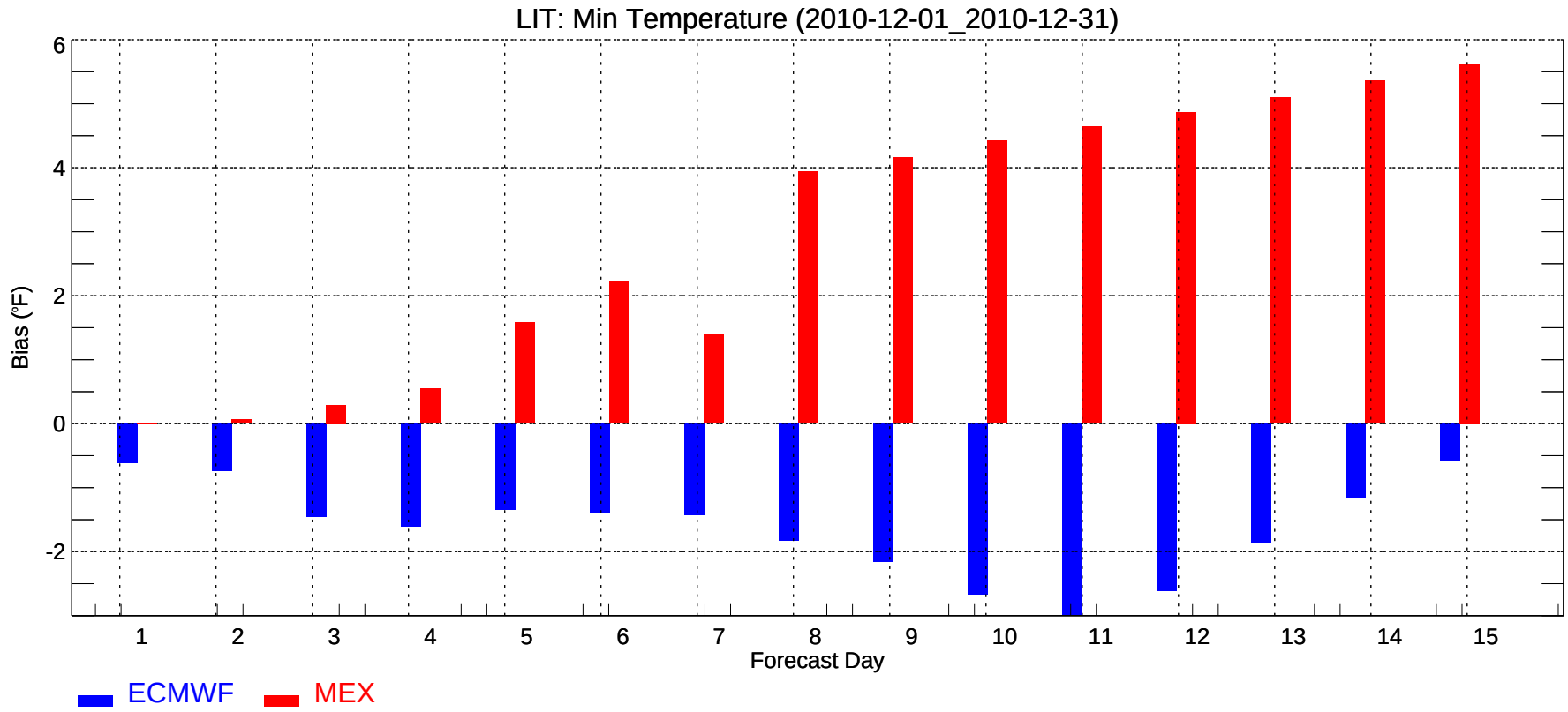

LGB: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

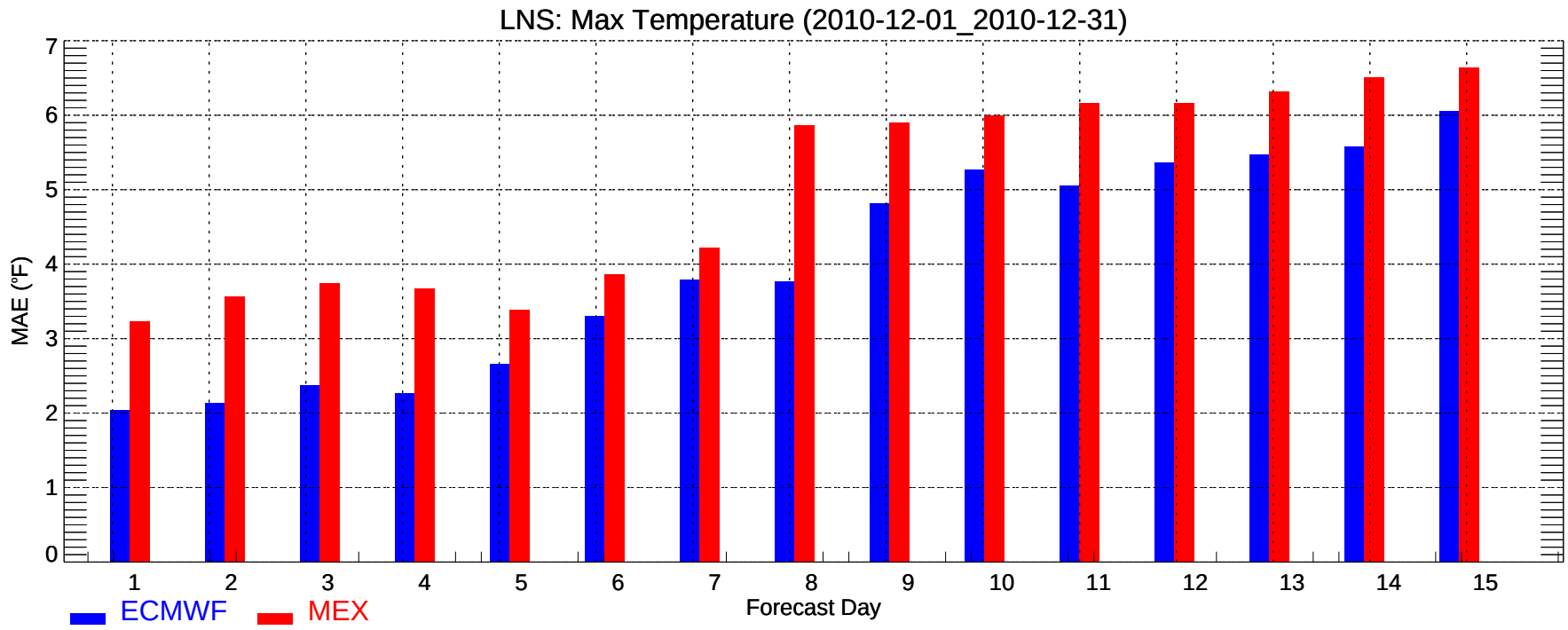

LGB: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

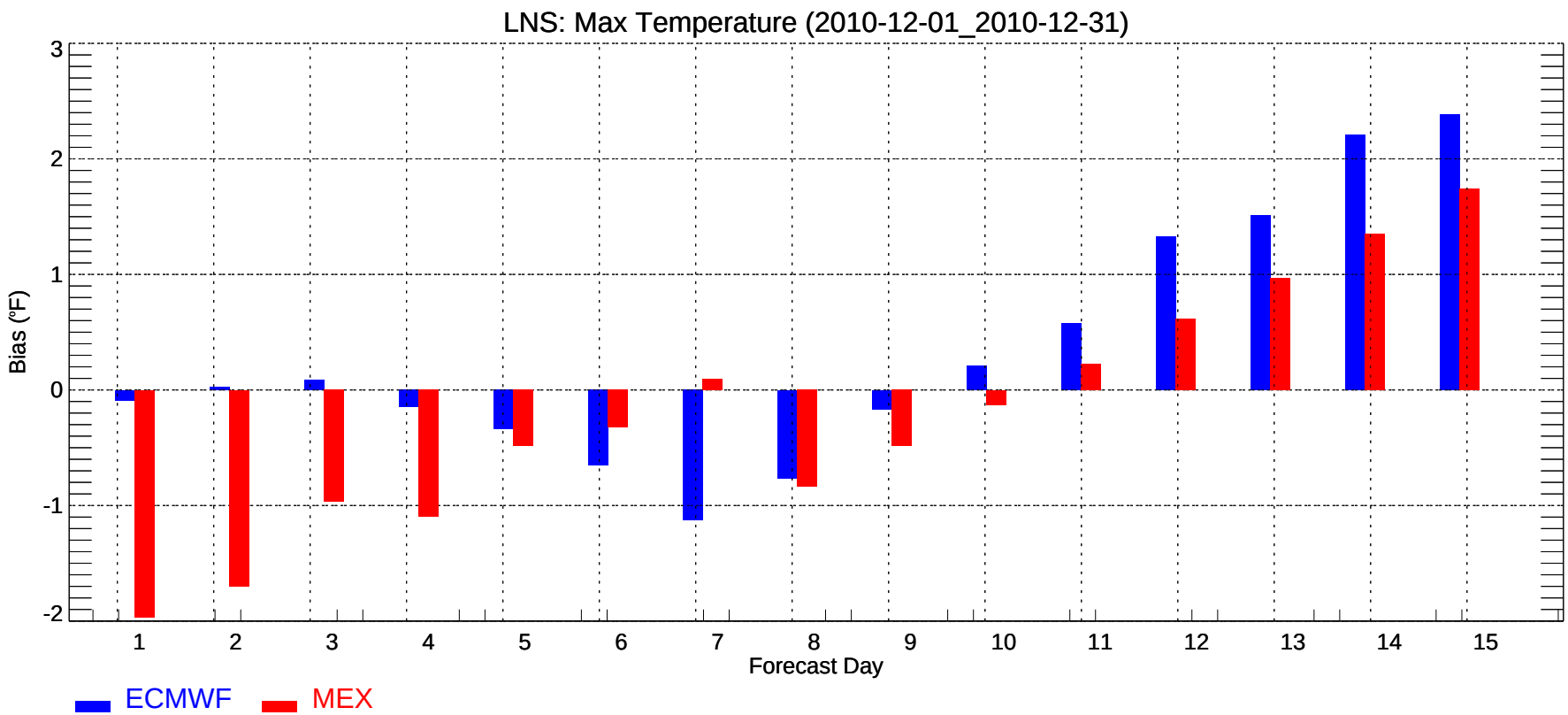

LIT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

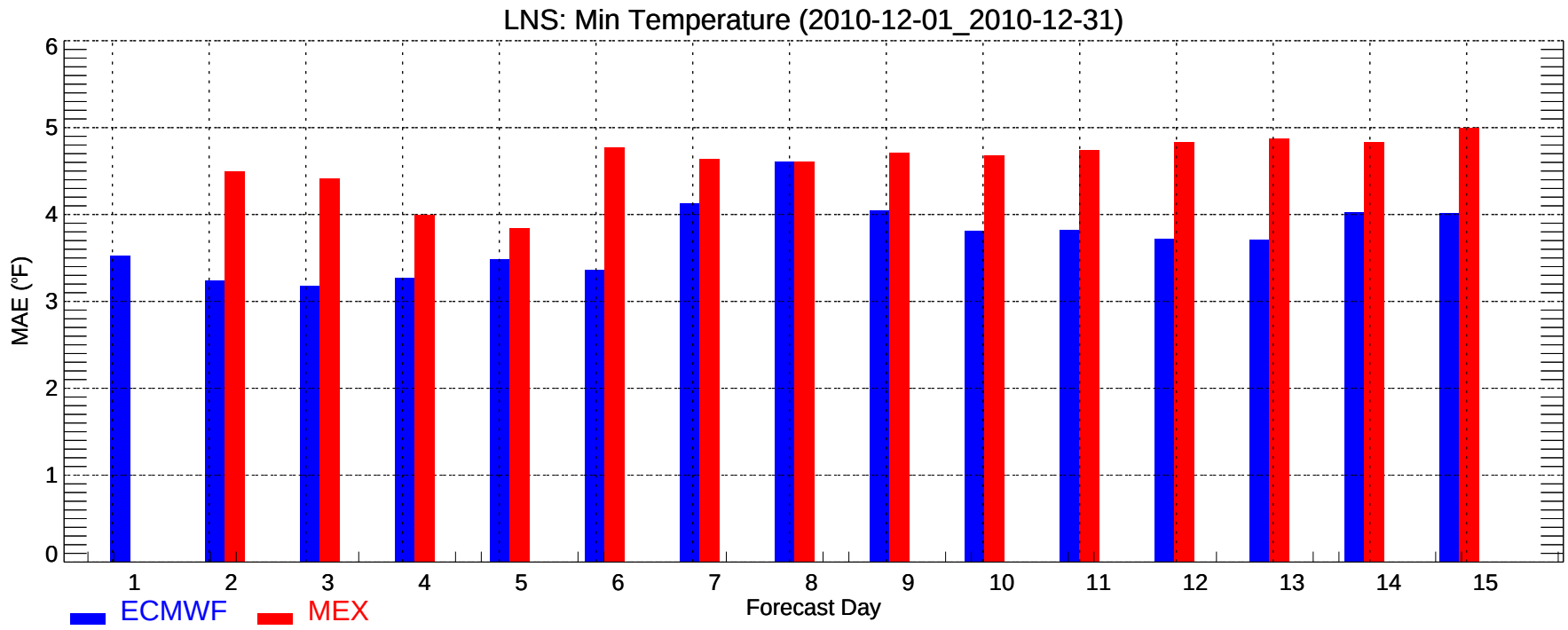

LIT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

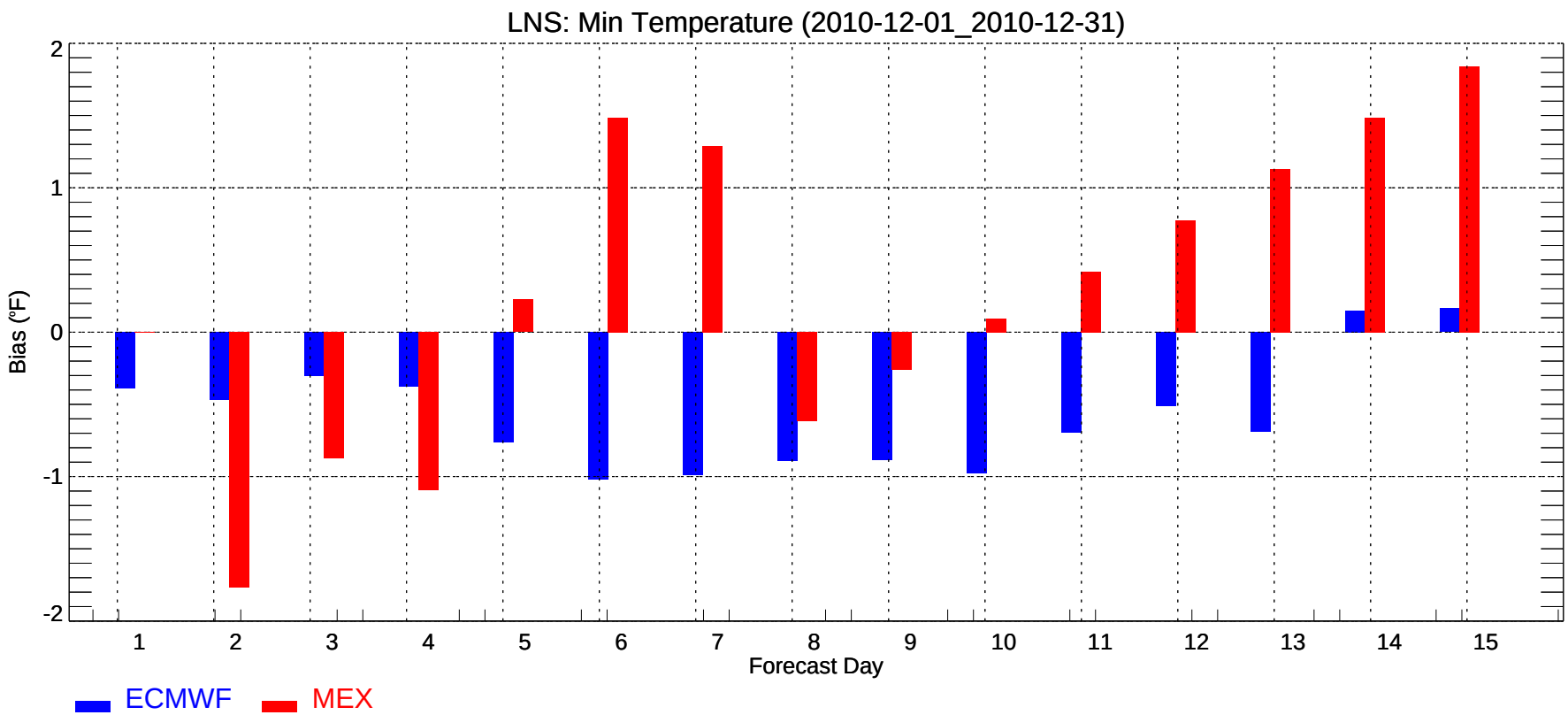

LIT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

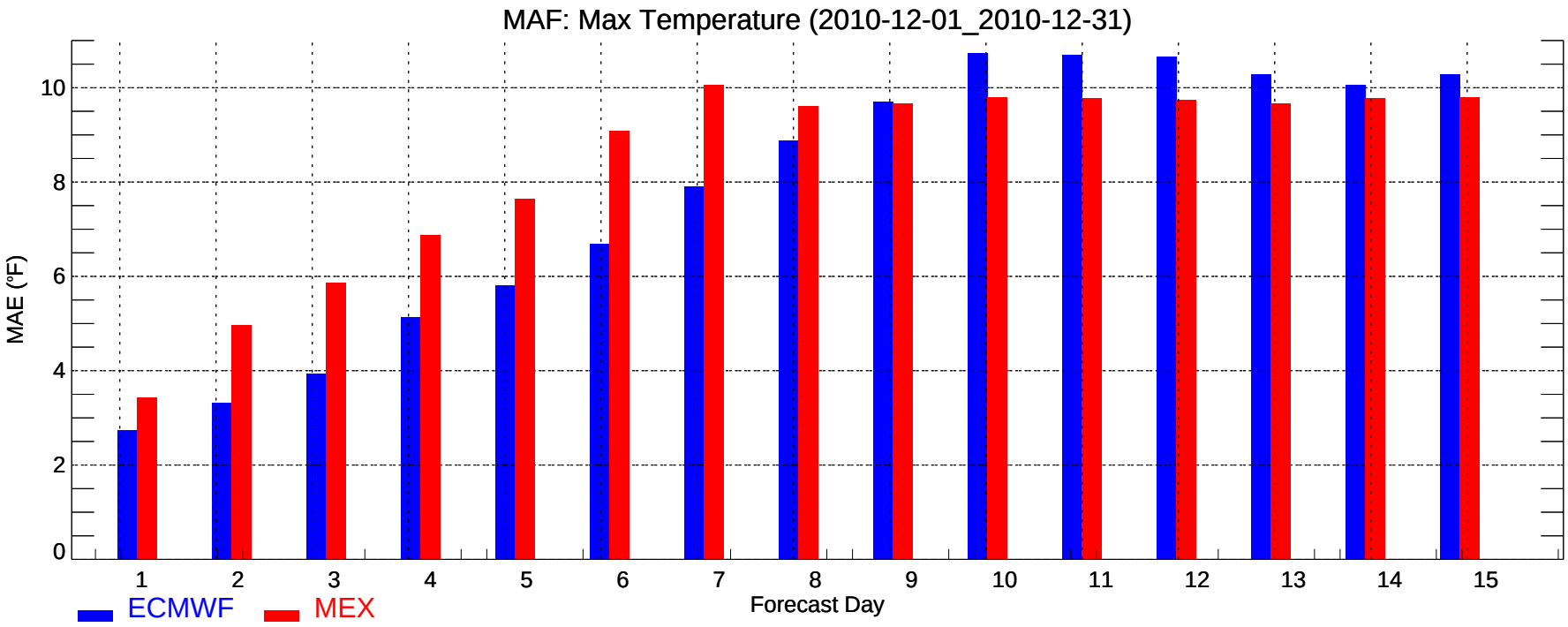

LIT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

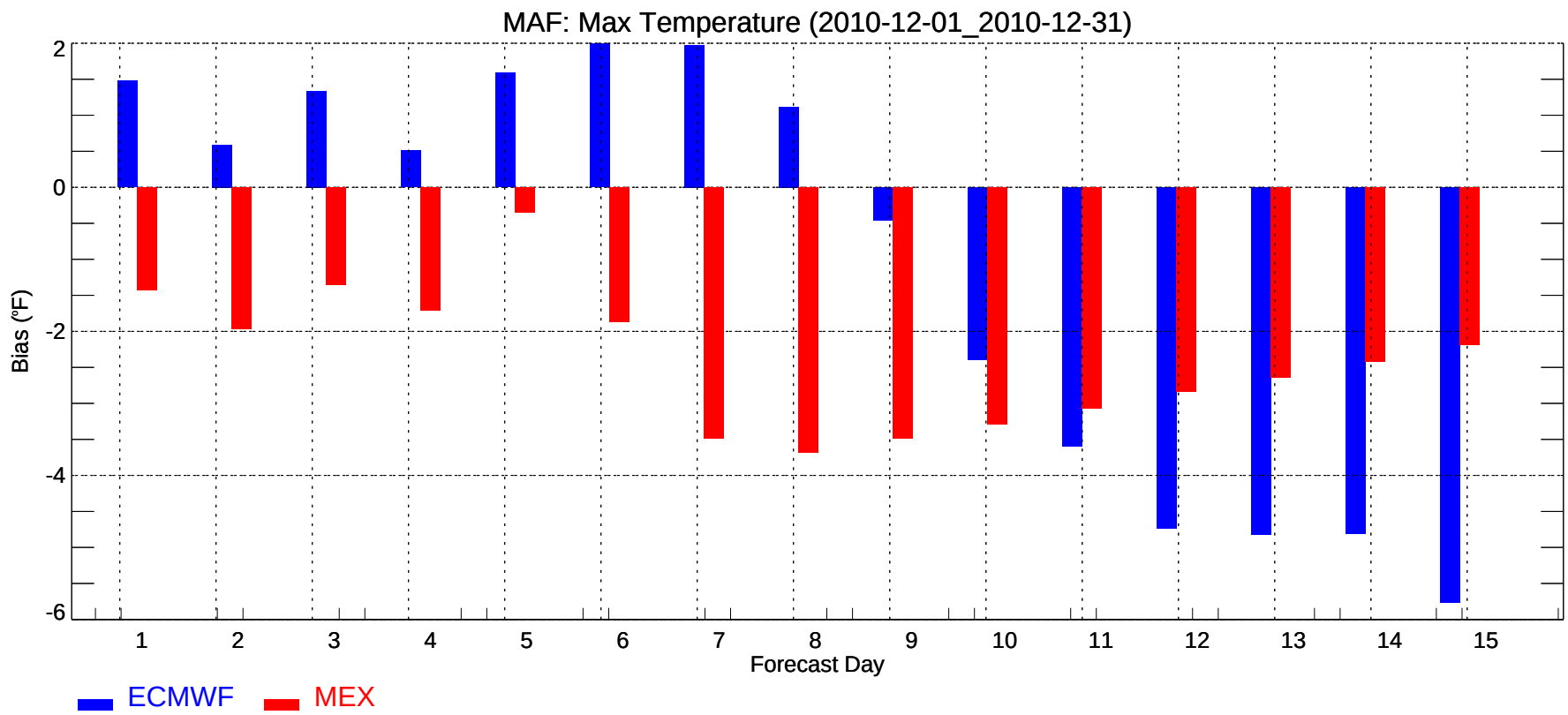

LNS: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

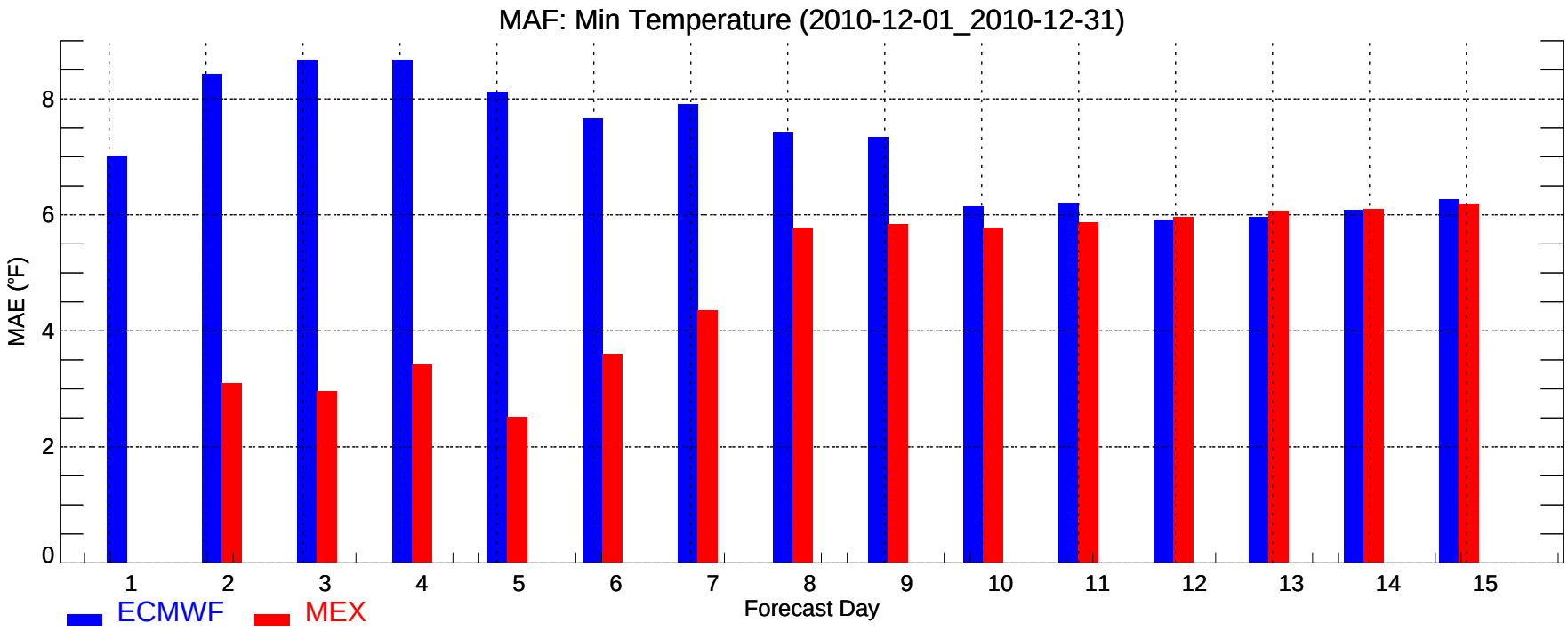

LNS: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

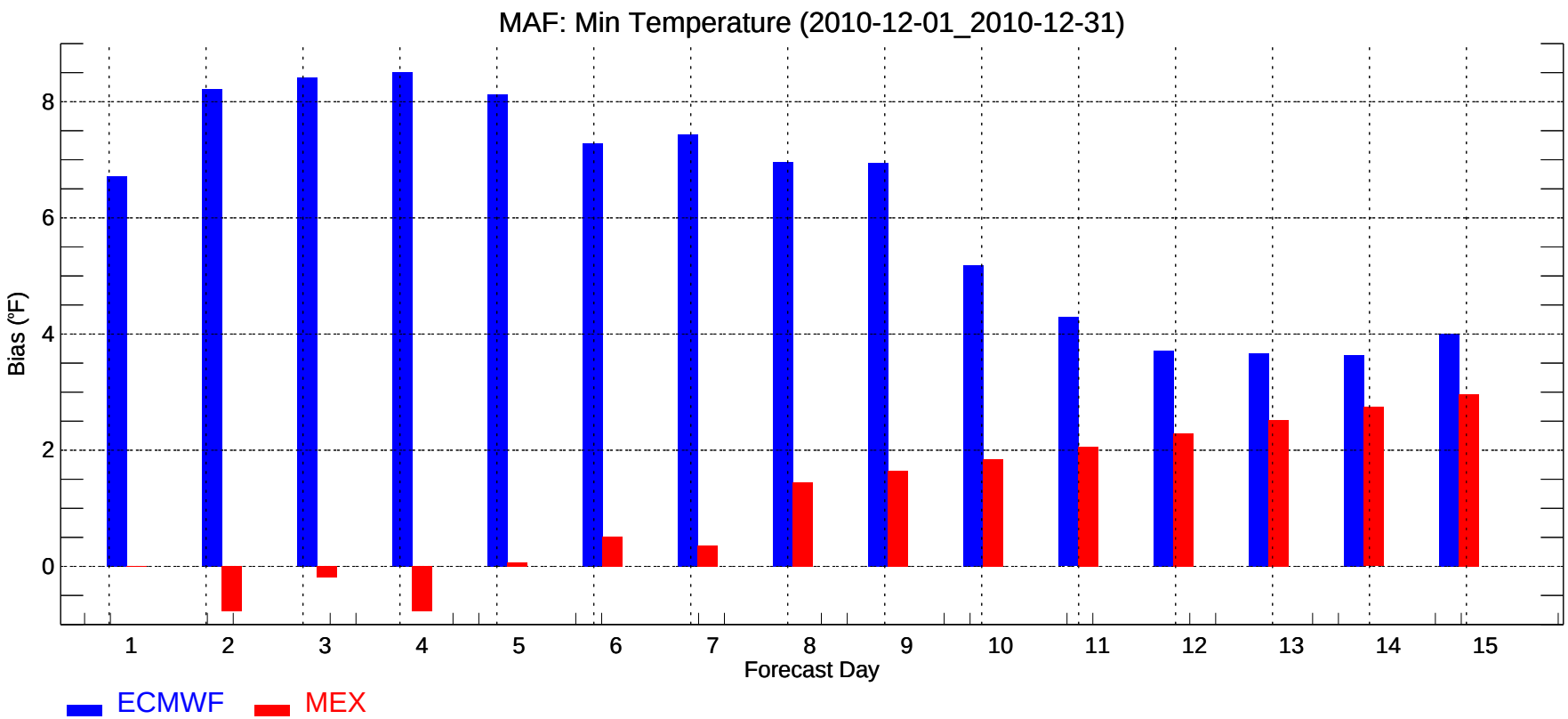

LNS: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

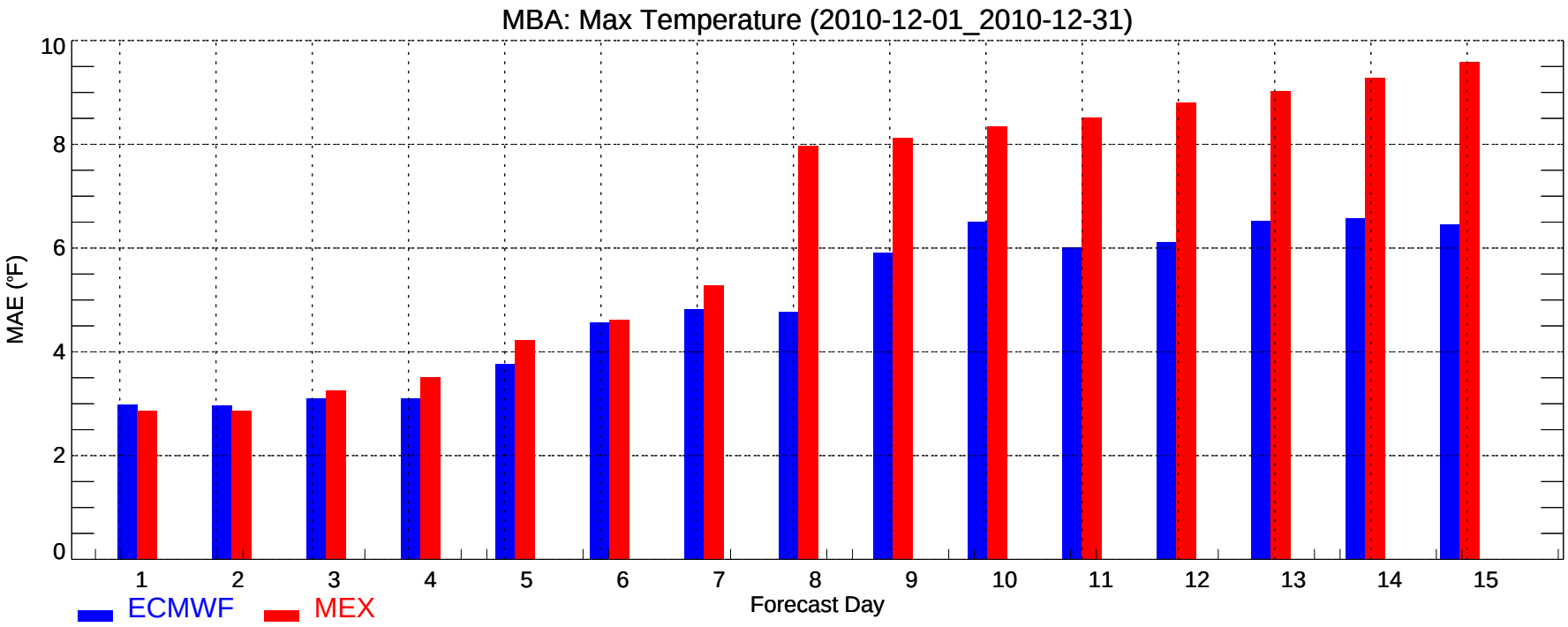

LNS: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

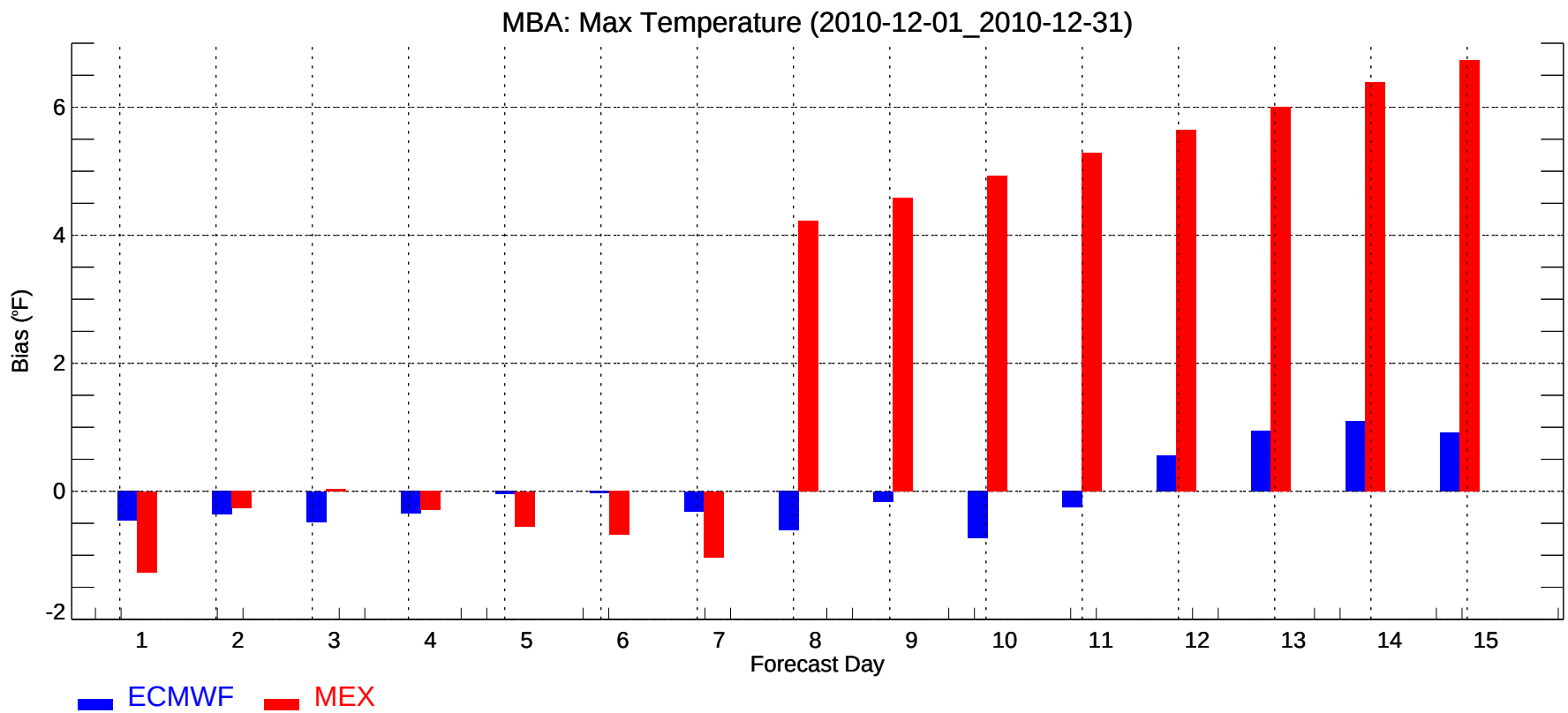

MAF: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

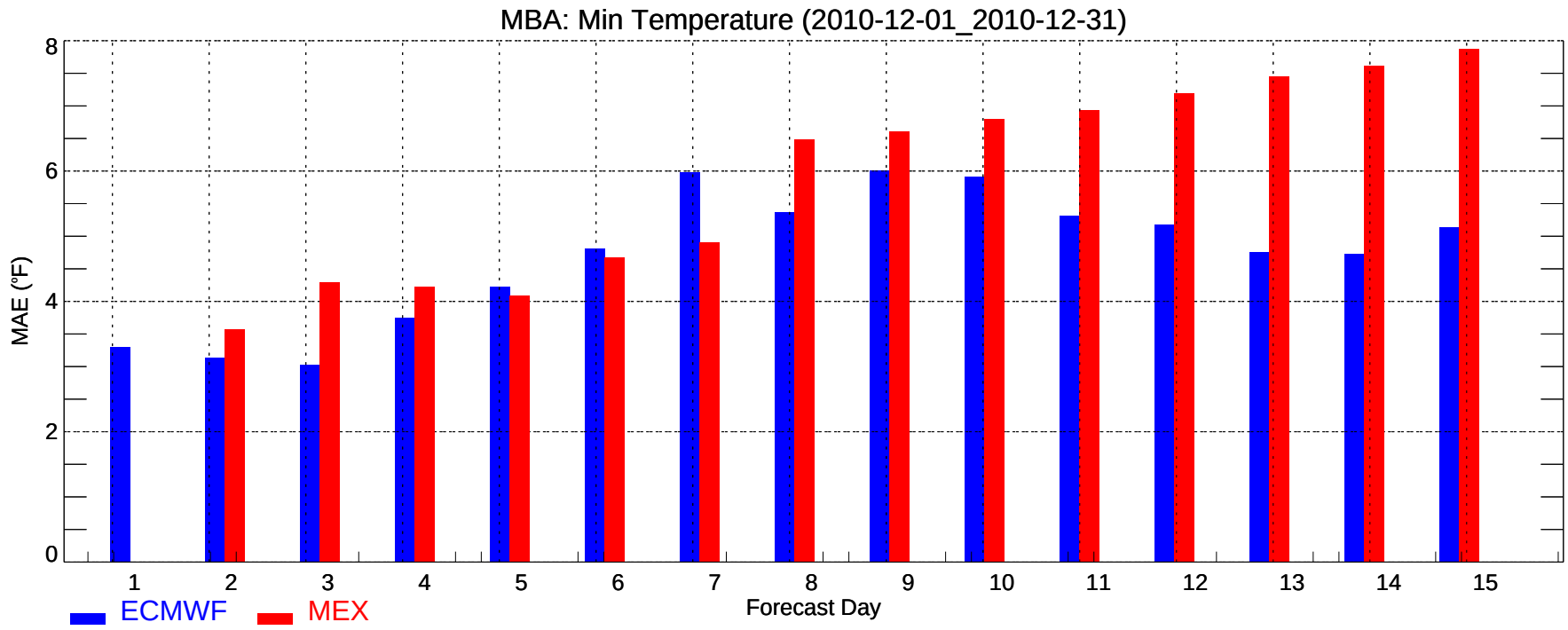

MAF: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

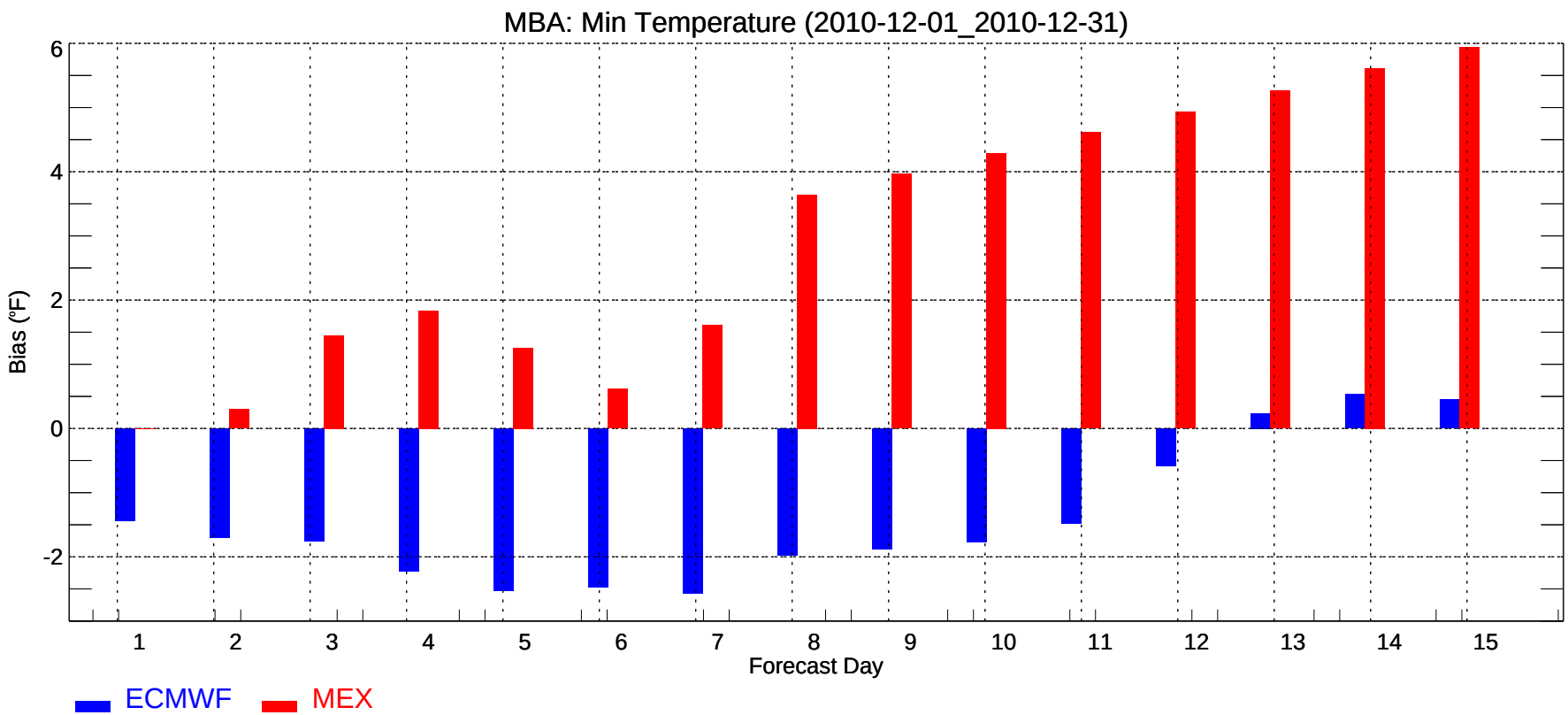

MAF: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

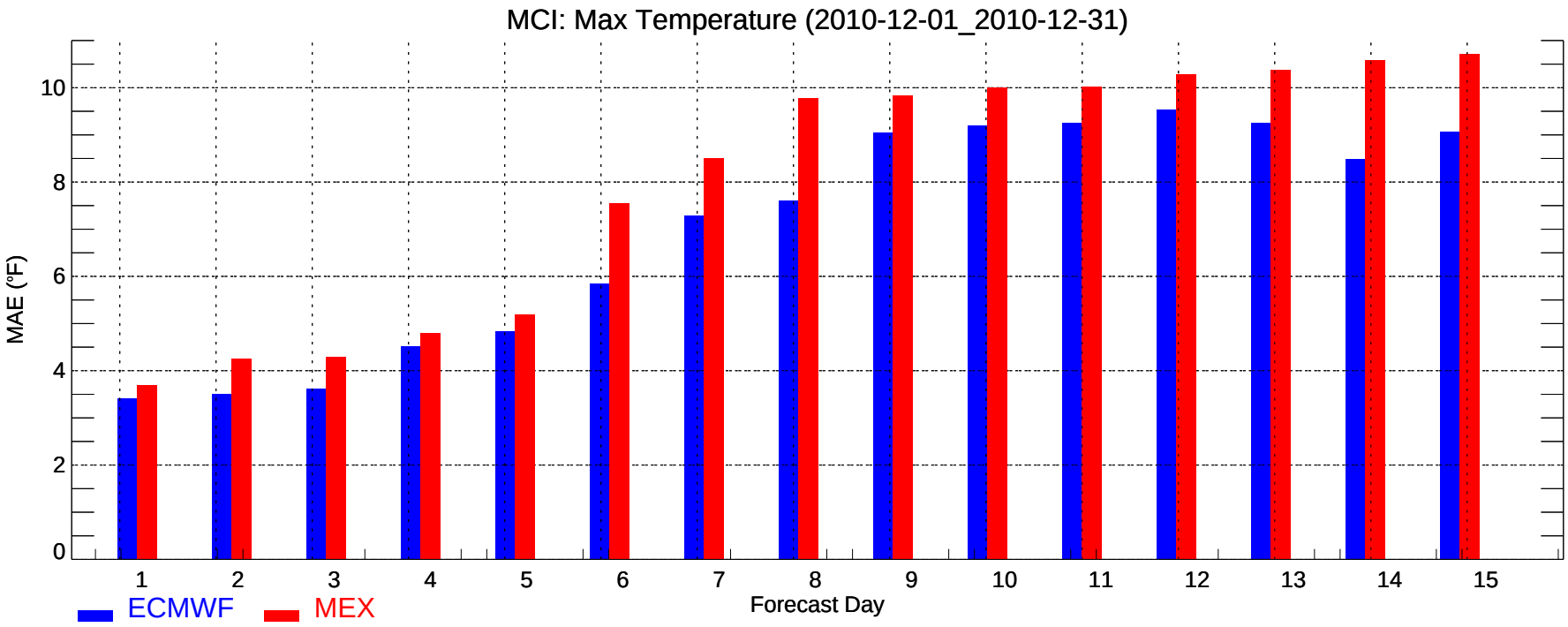

MAF: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

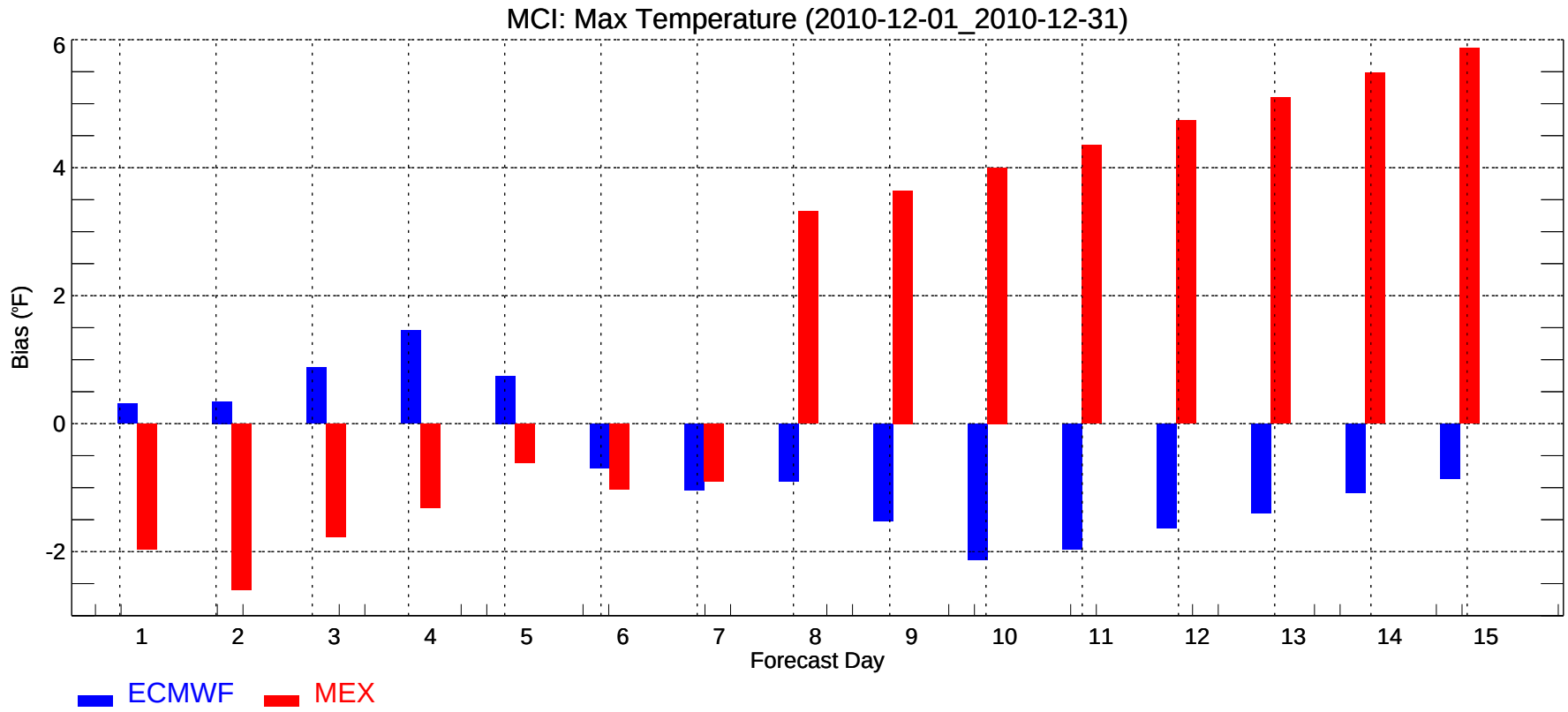

MBA: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

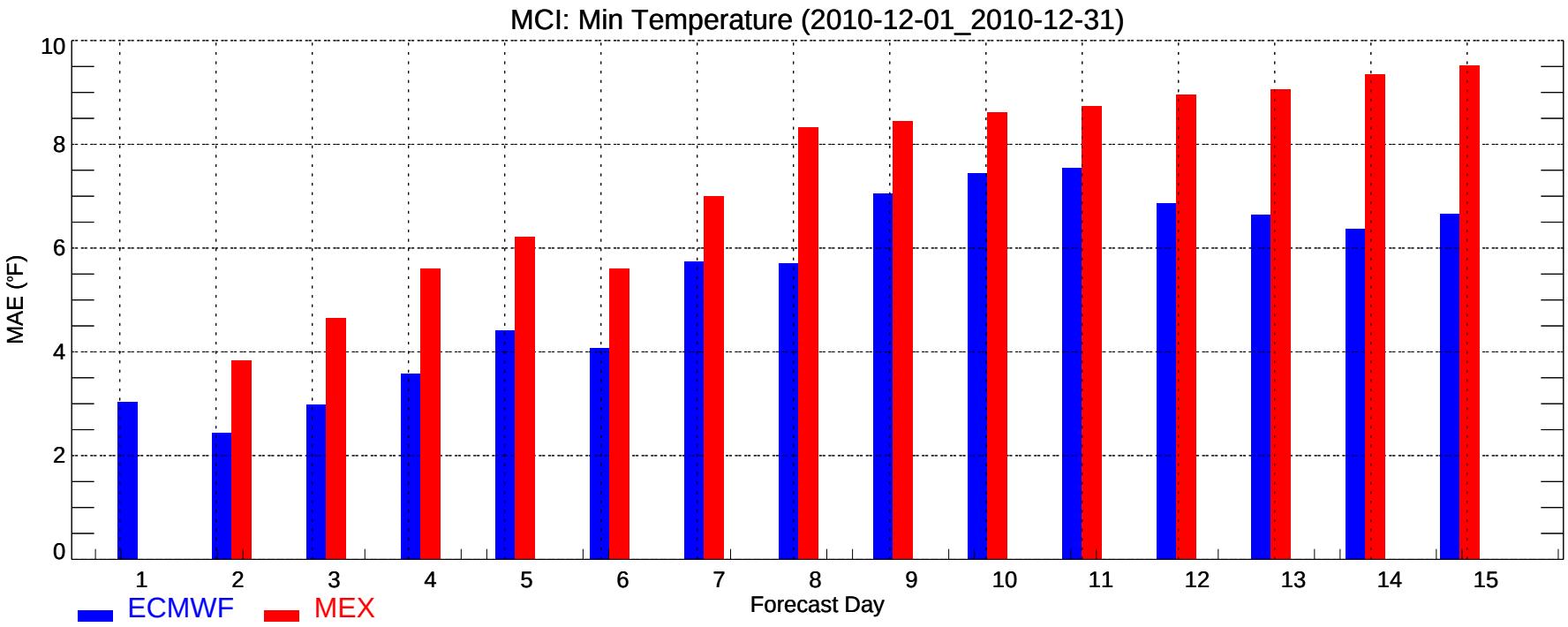

MBA: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

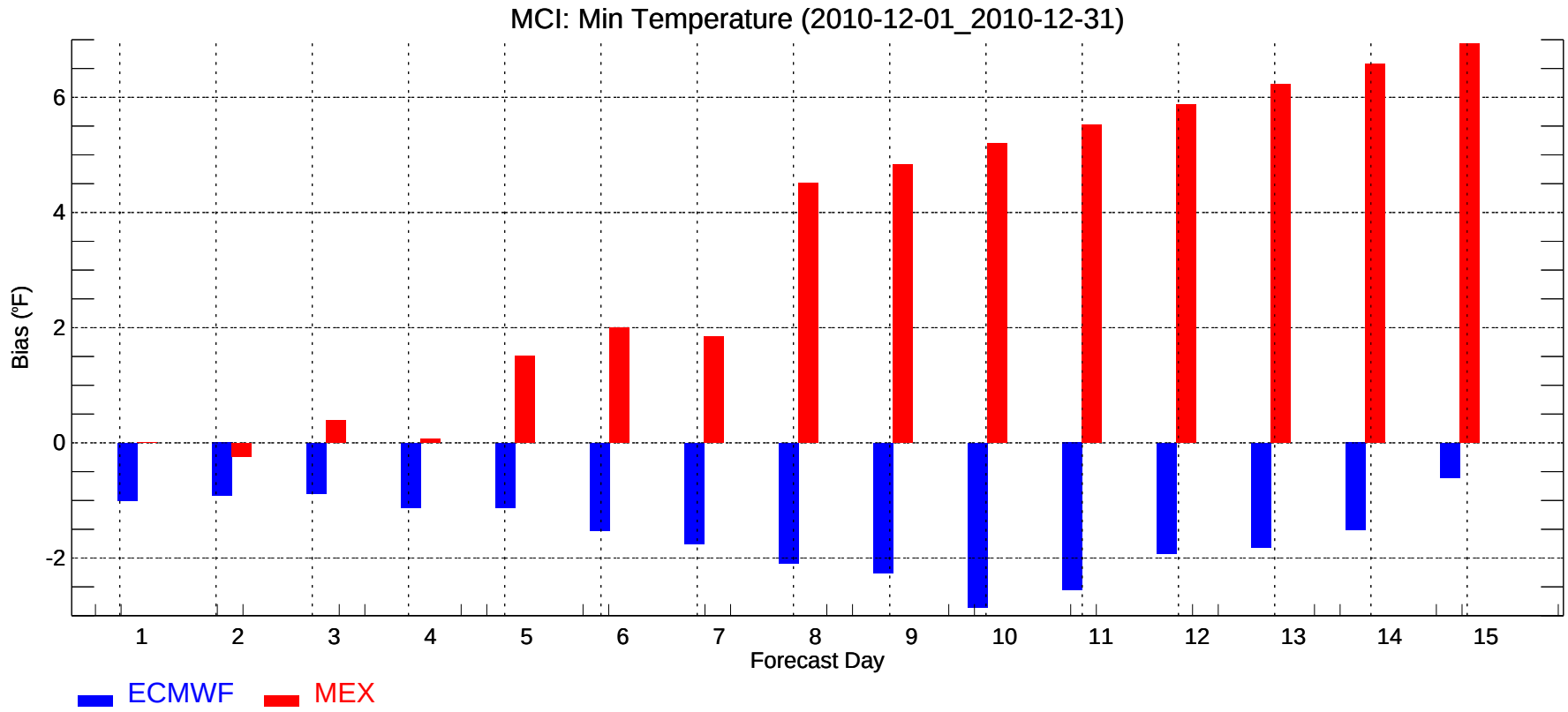

MBA: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

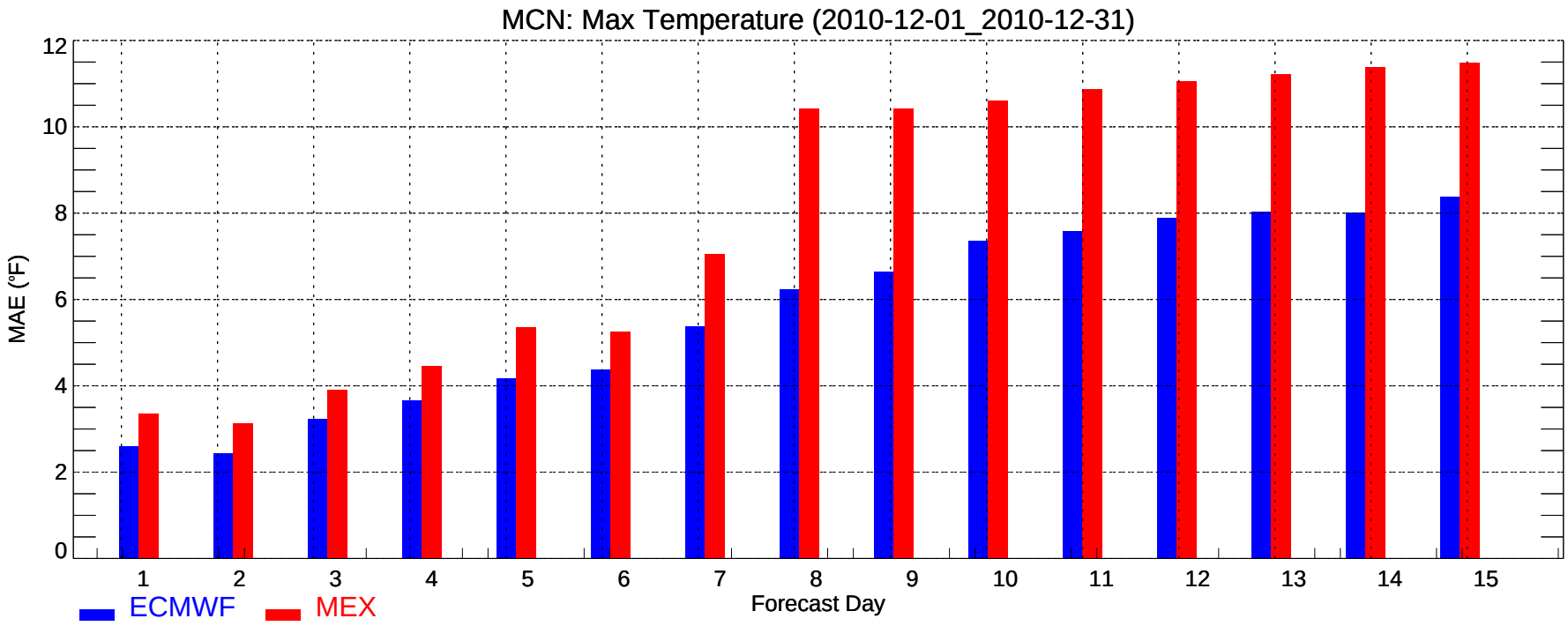

MBA: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

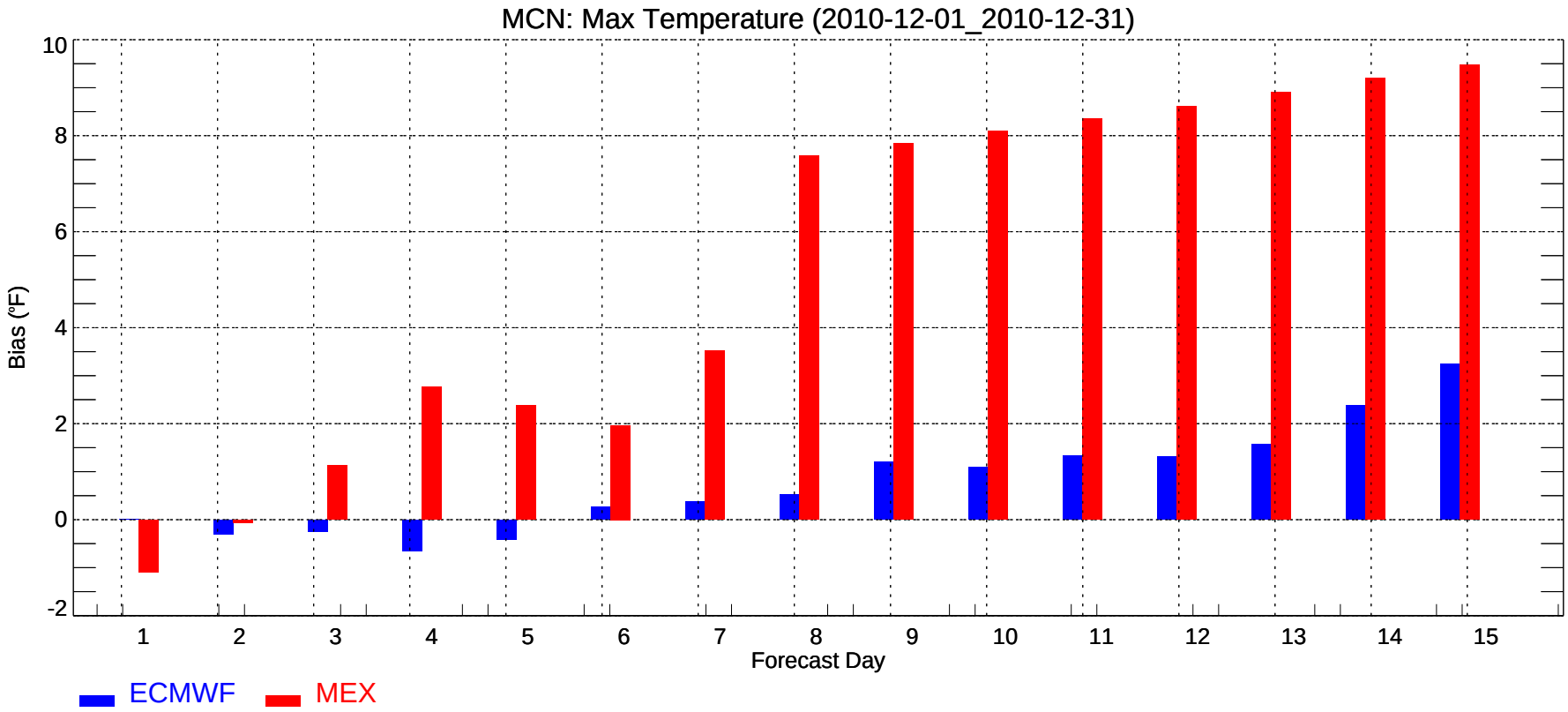

MCI: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

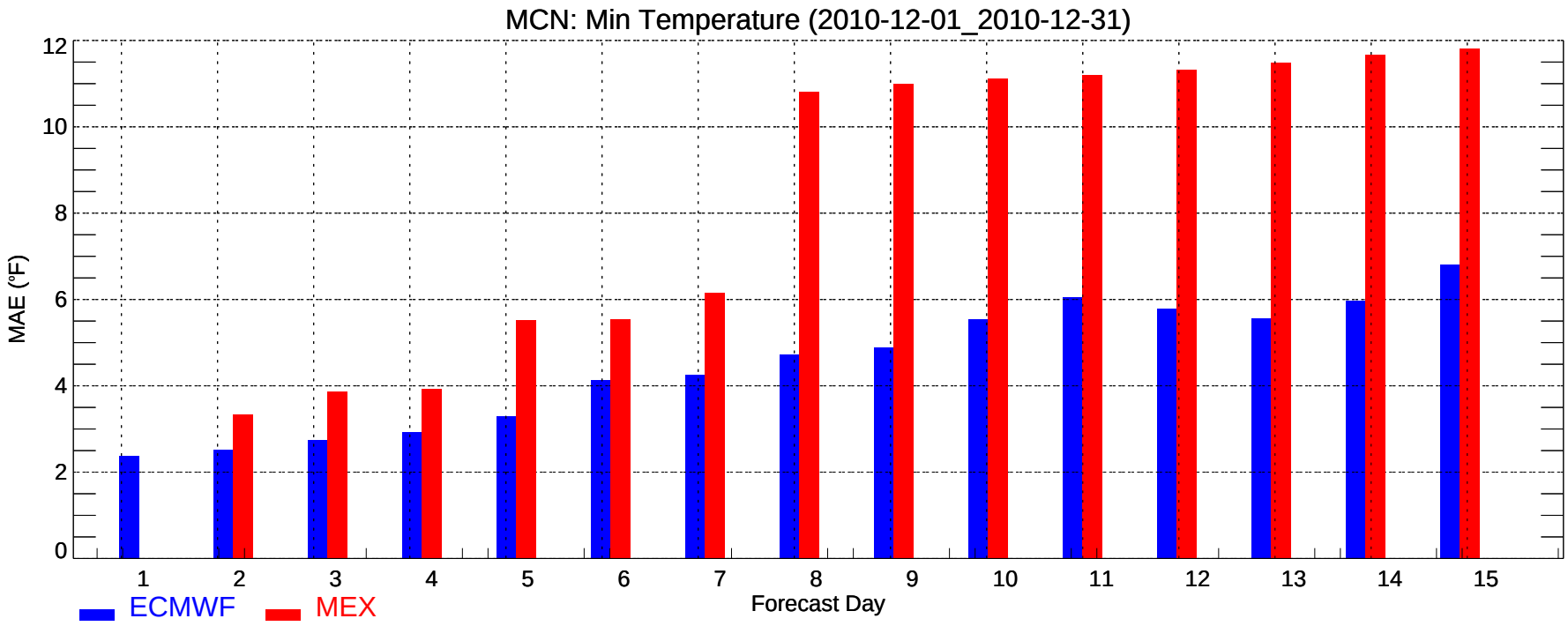

MCI: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

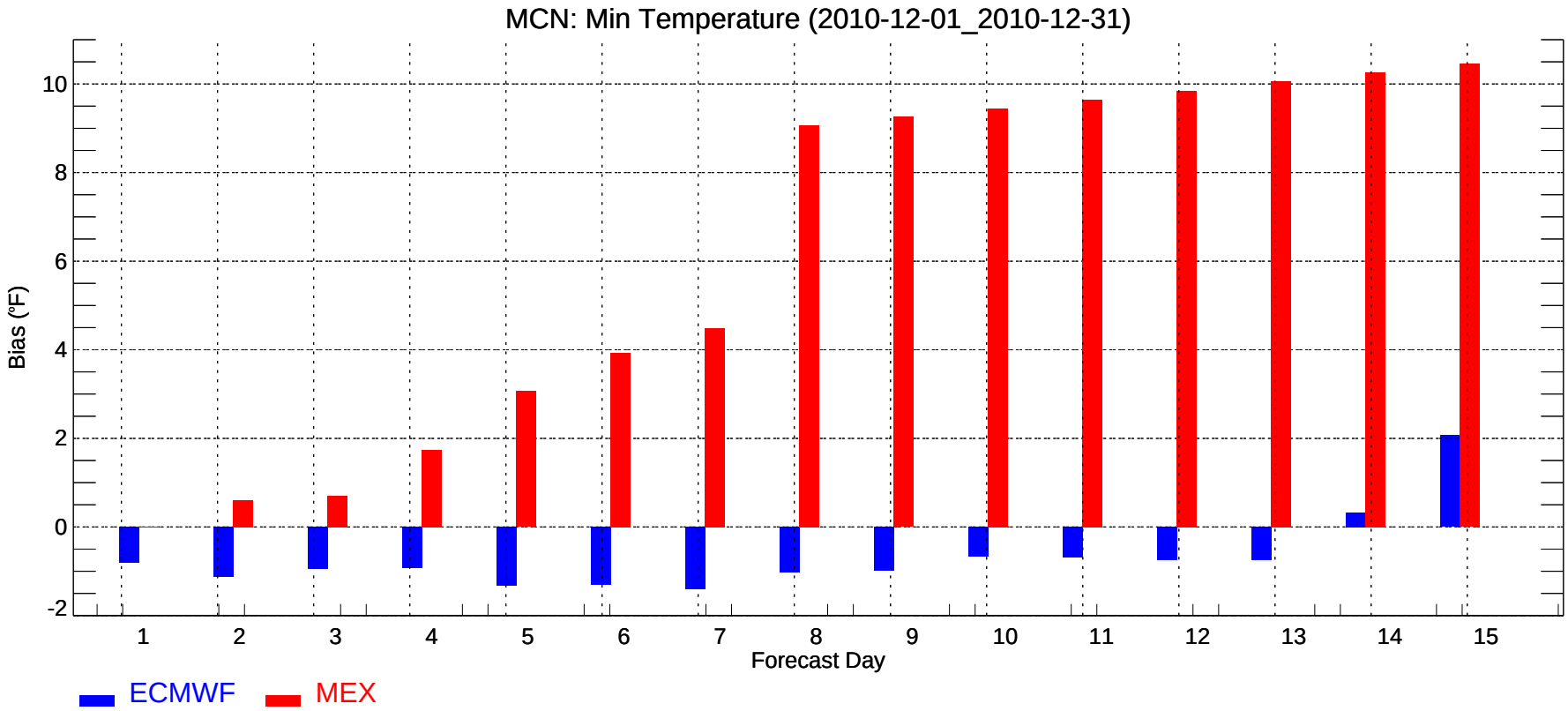

MCI: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

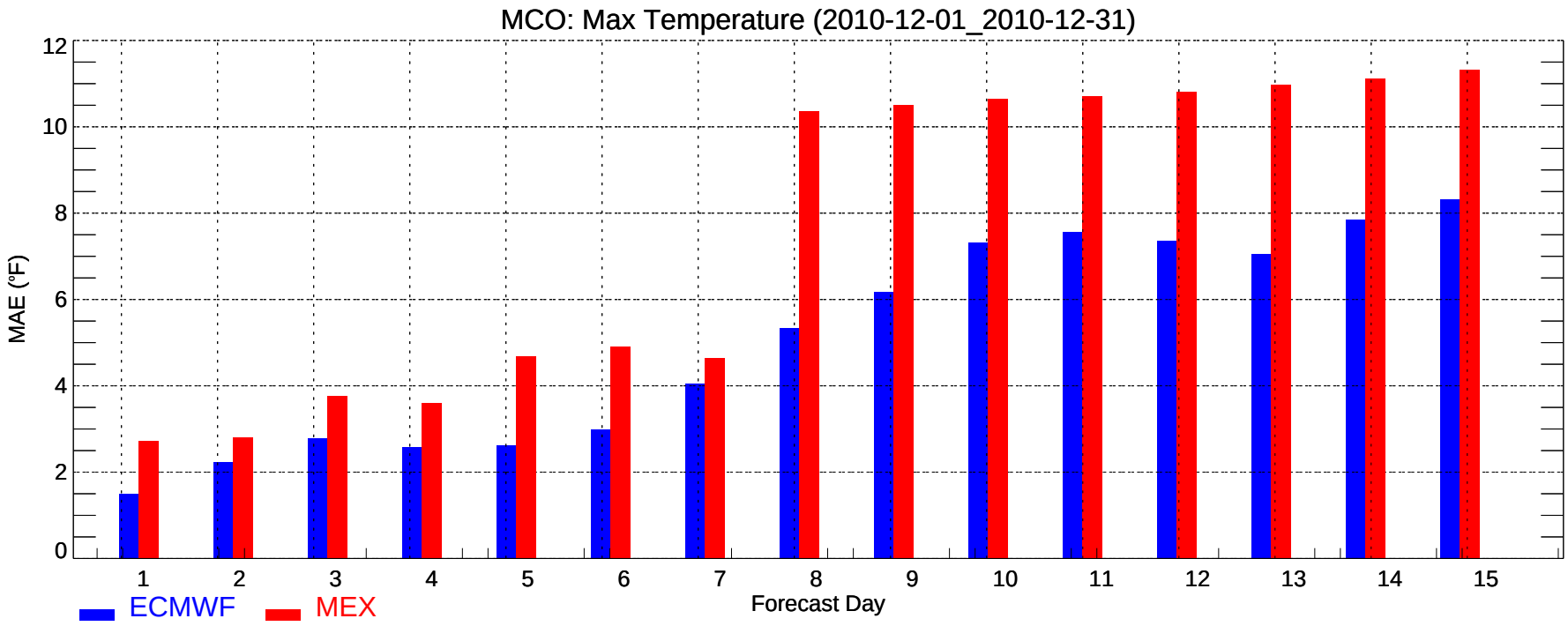

MCI: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

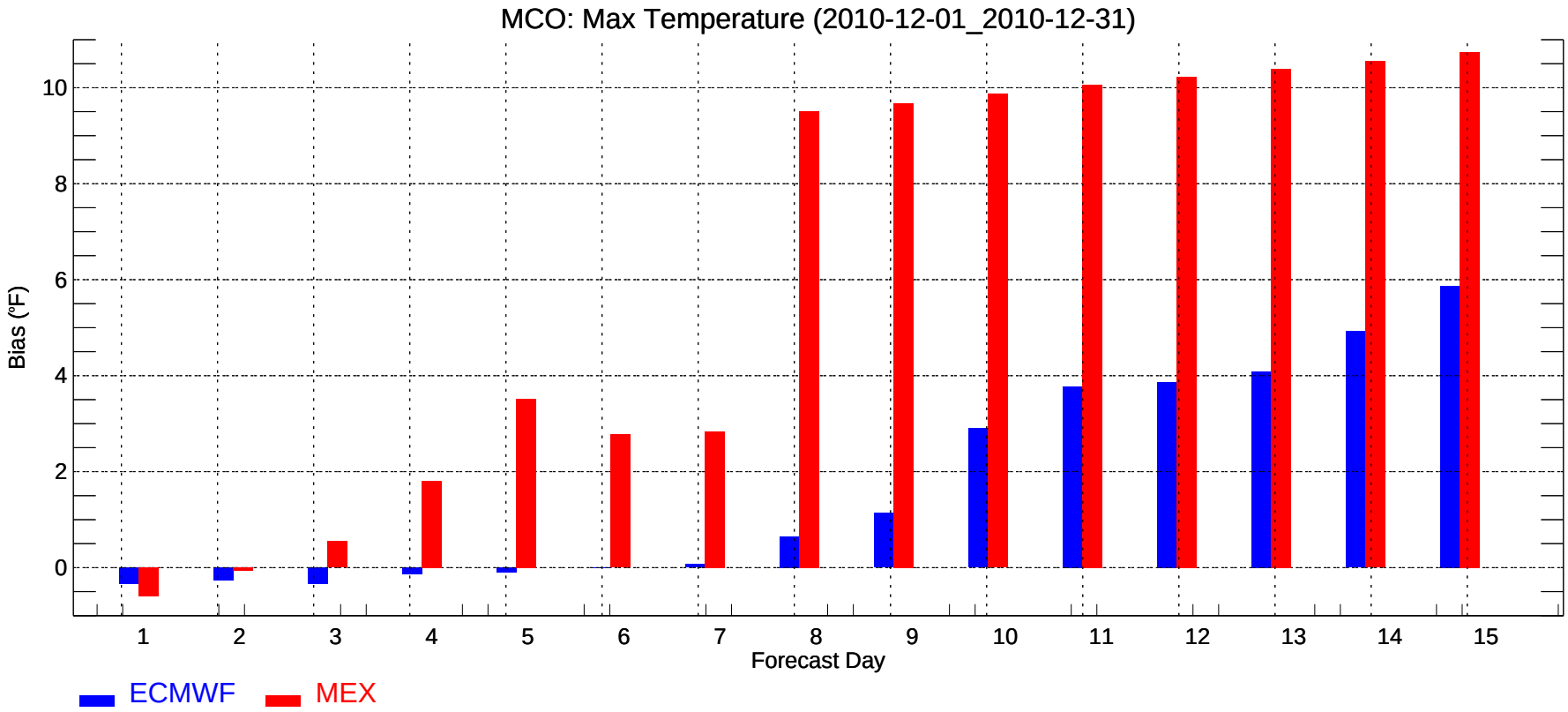

MCN: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

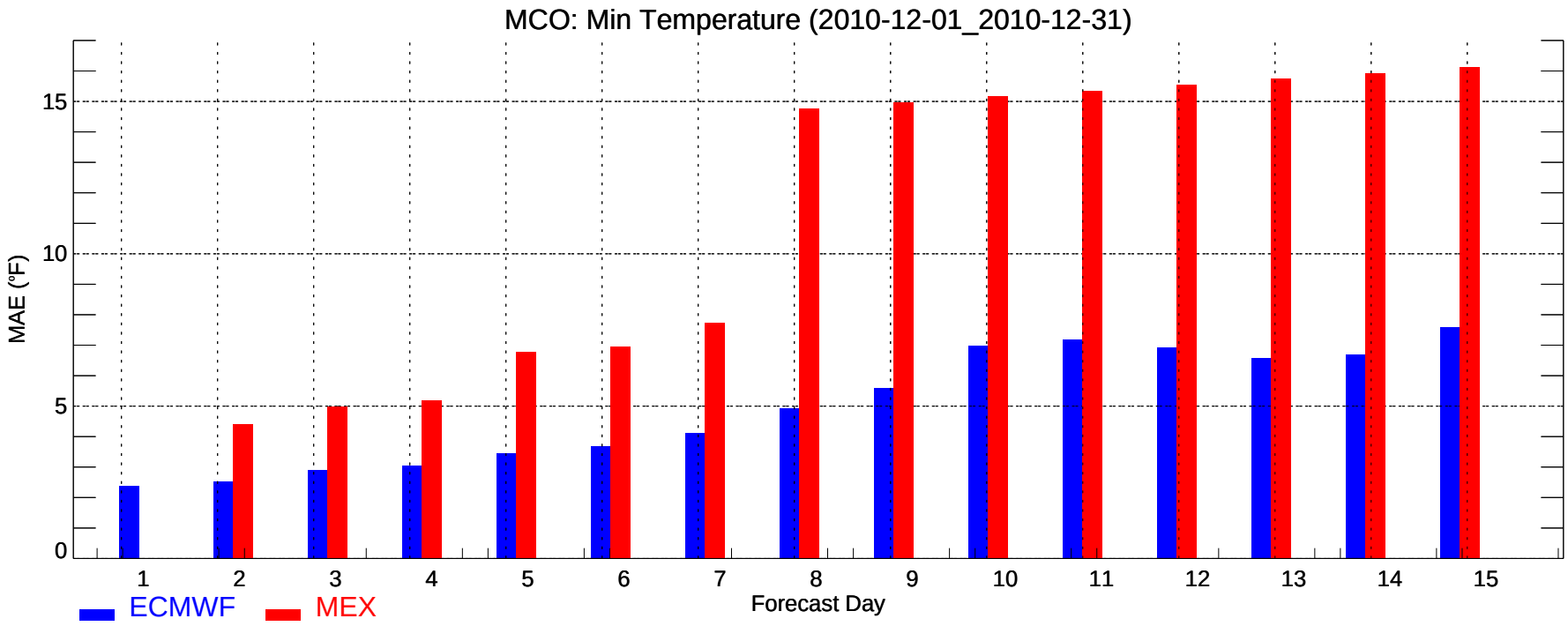

MCN: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

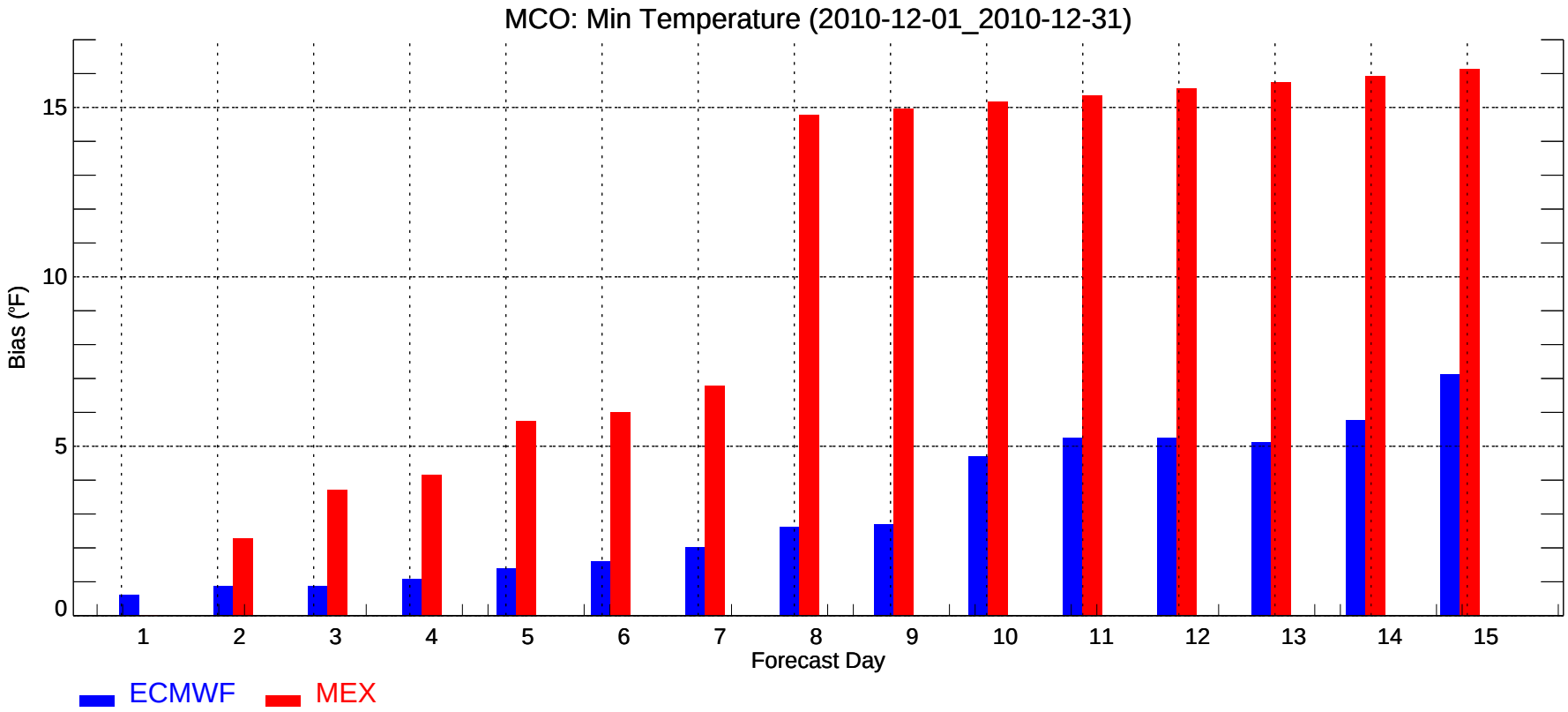

MCN: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

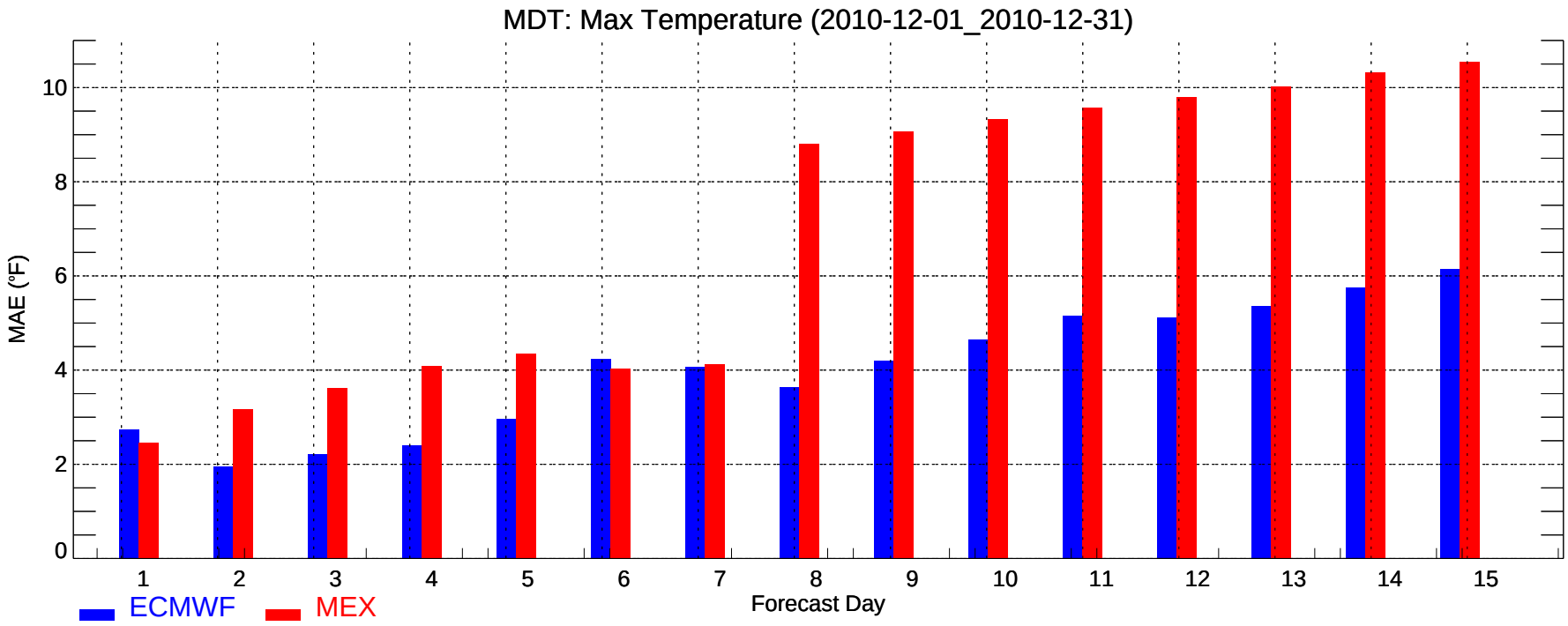

MCN: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

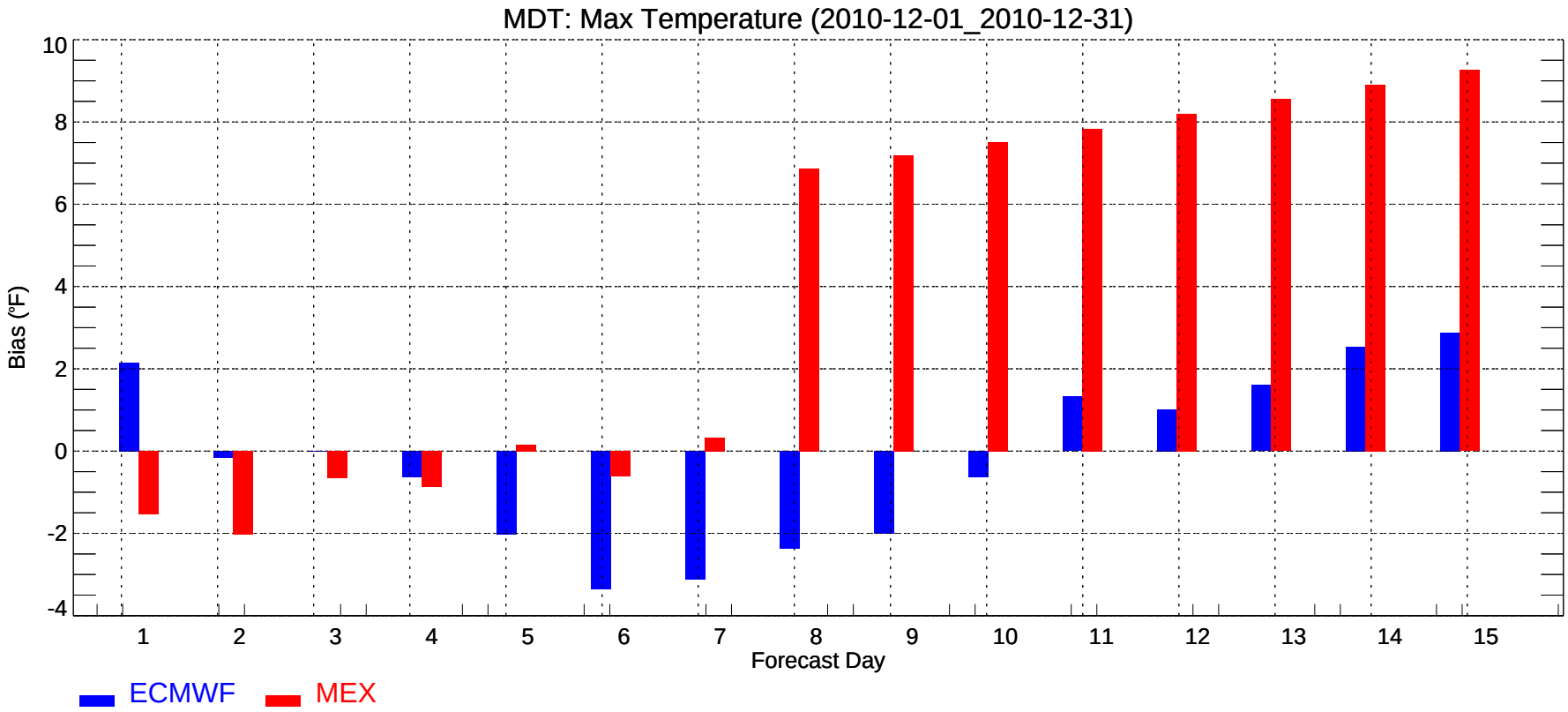

MCO: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

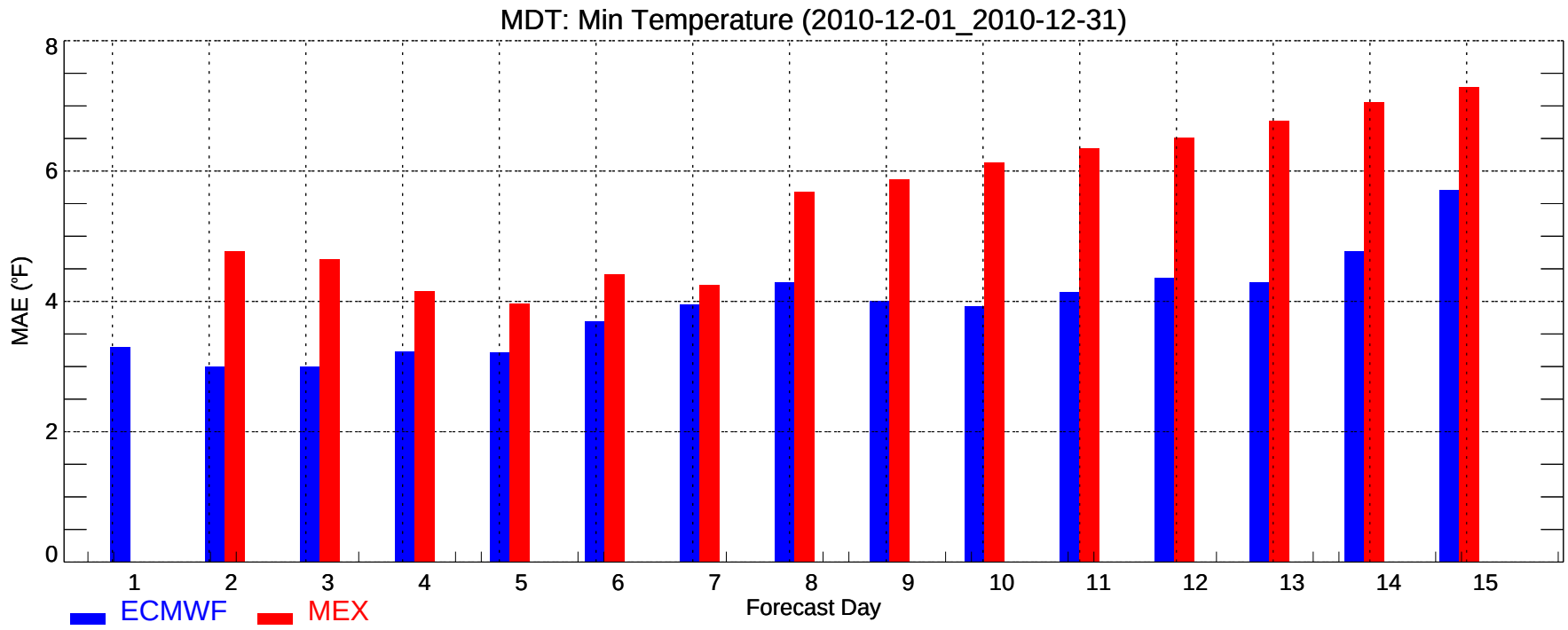

MCO: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

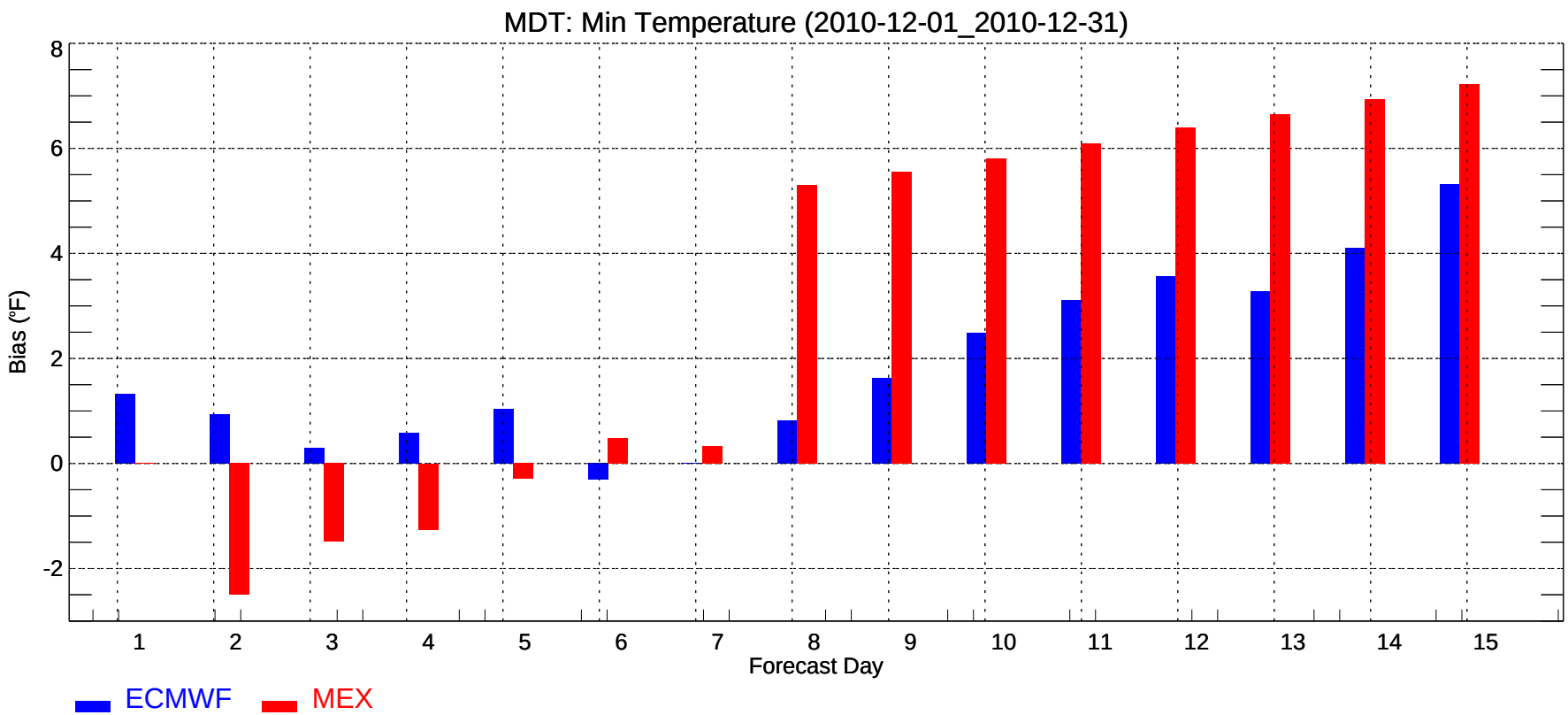

MCO: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

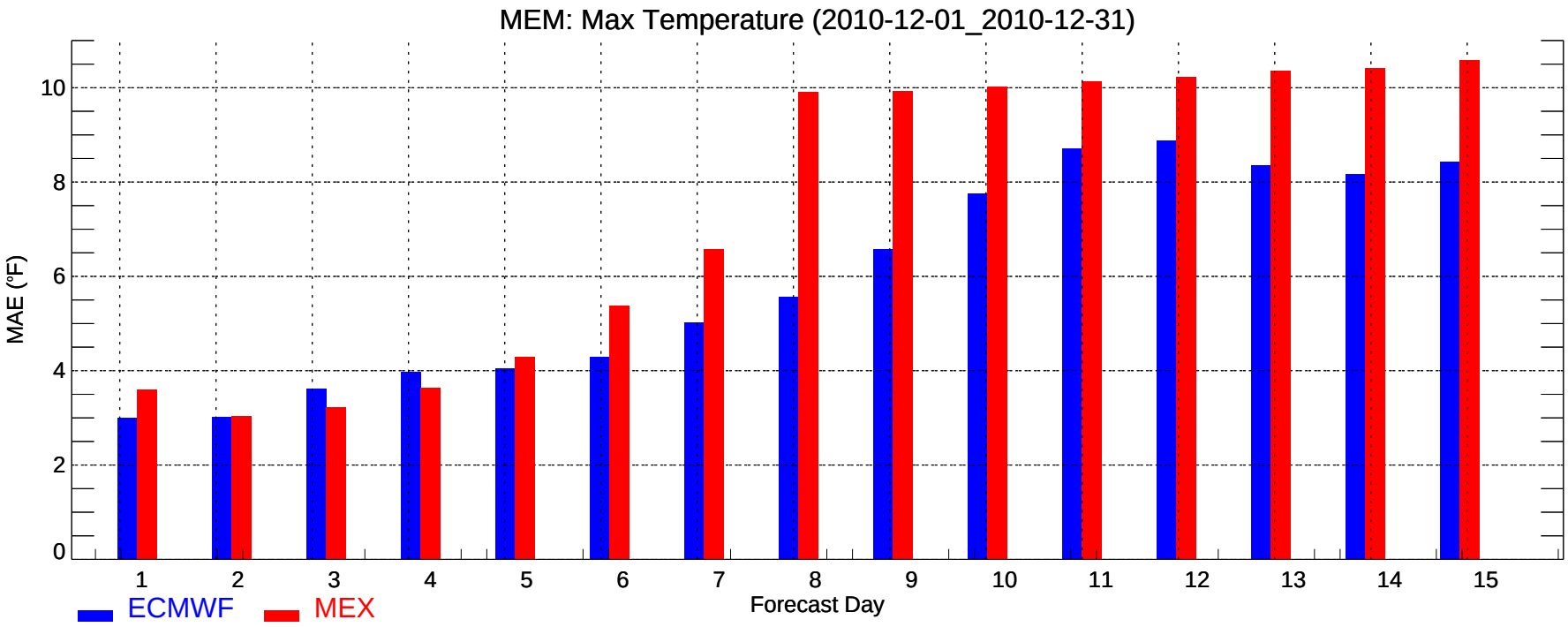

MCO: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

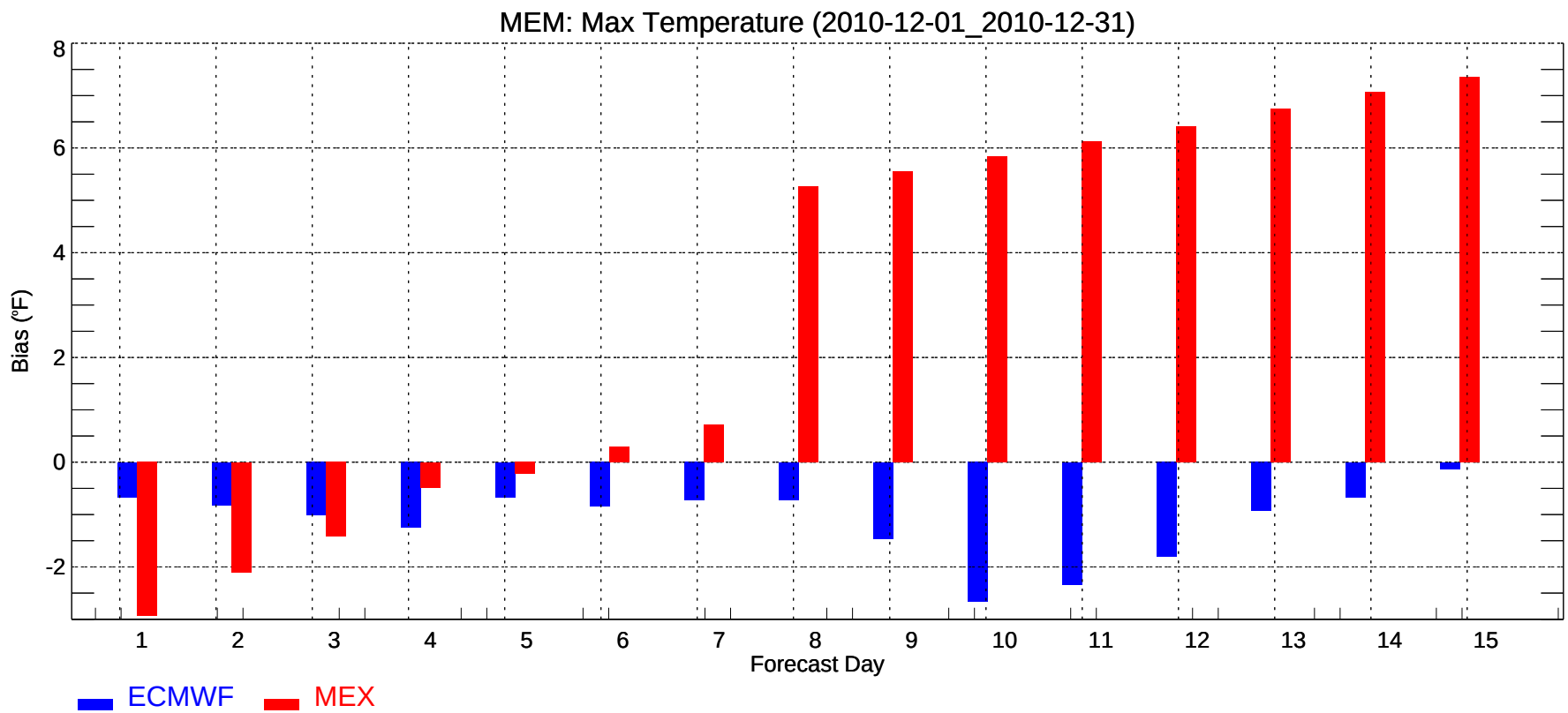

MDT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

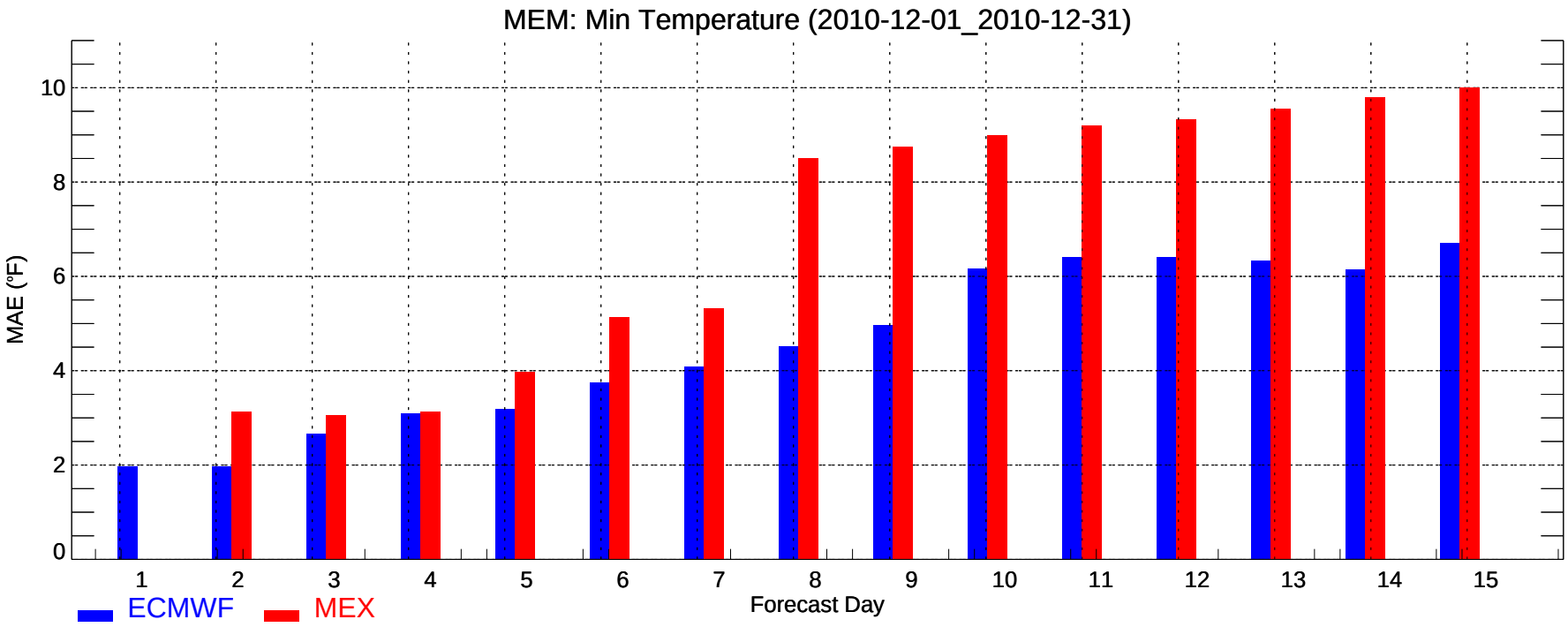

MDT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
10
8
6
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

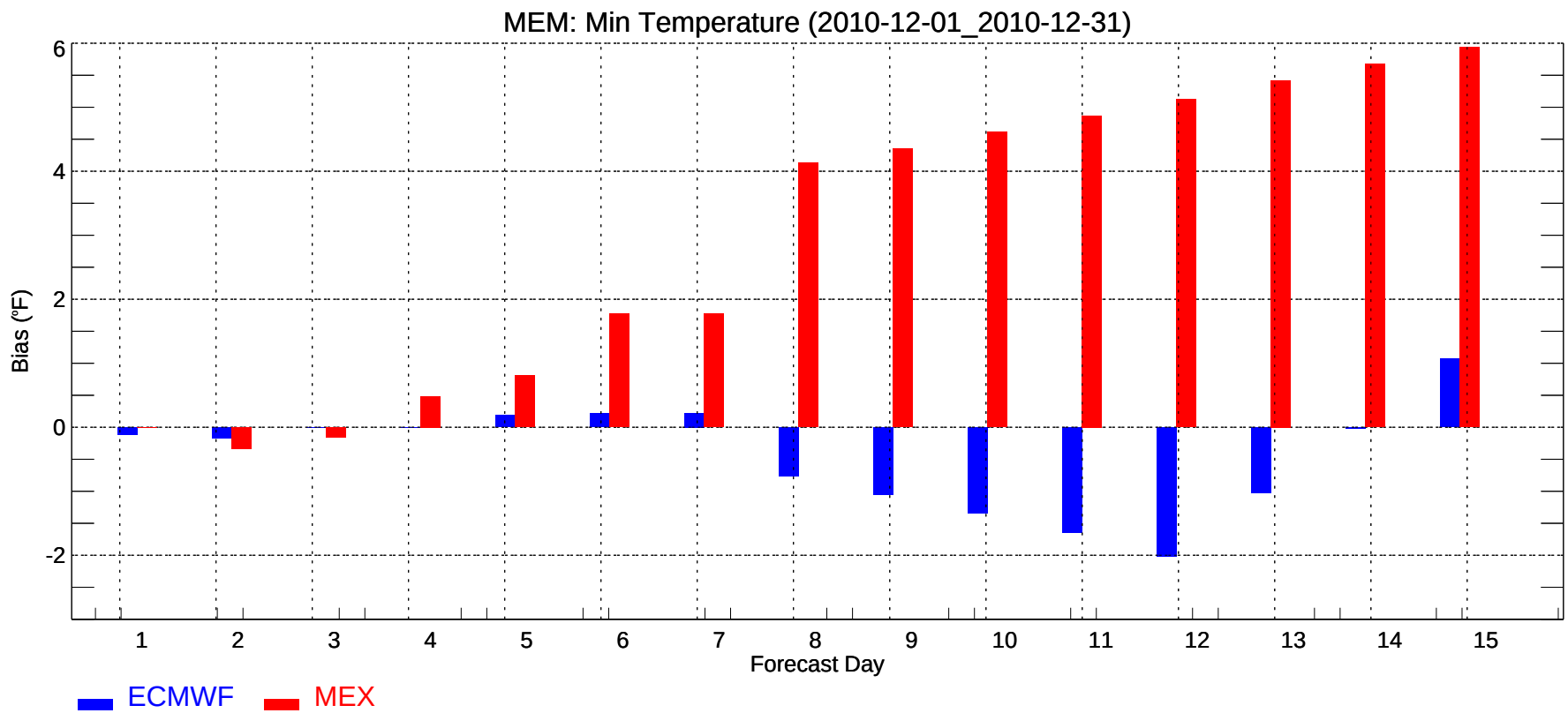

MDT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

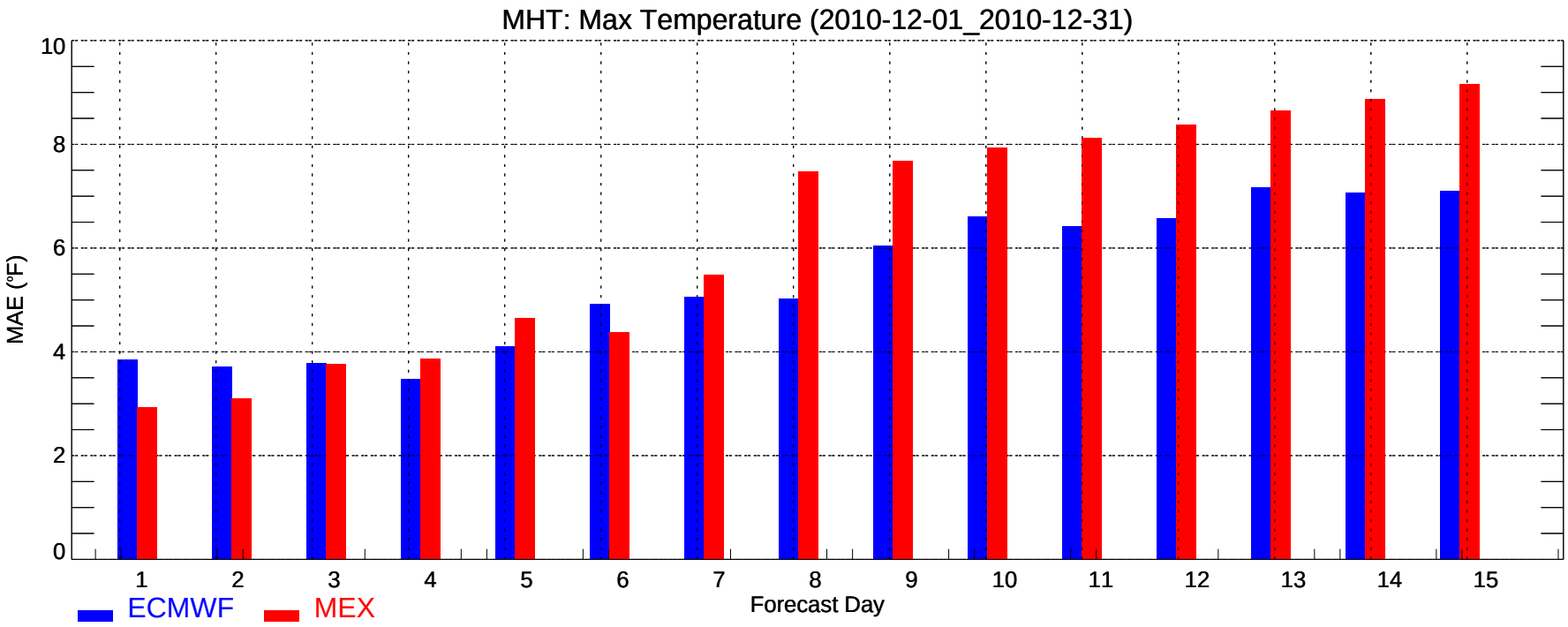

MDT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

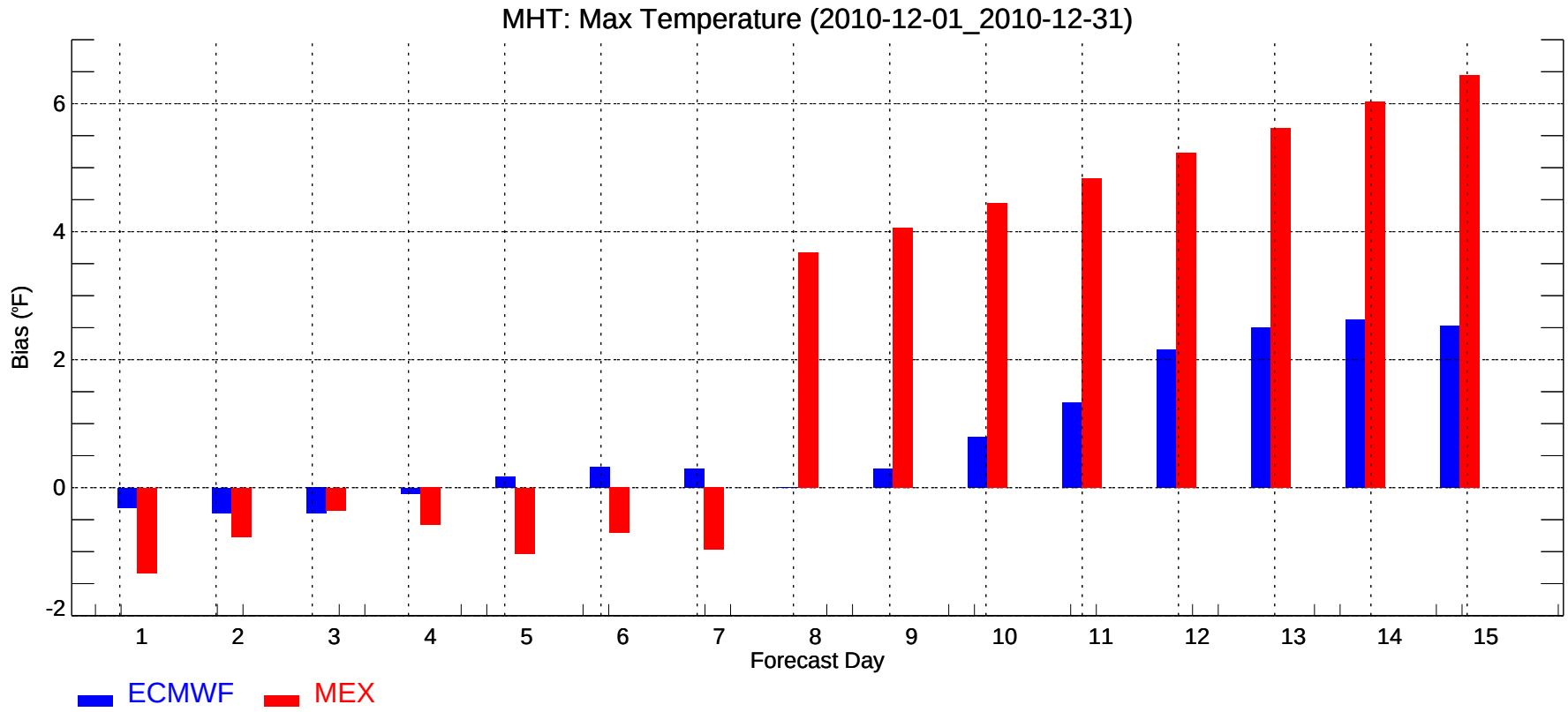

MEM: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

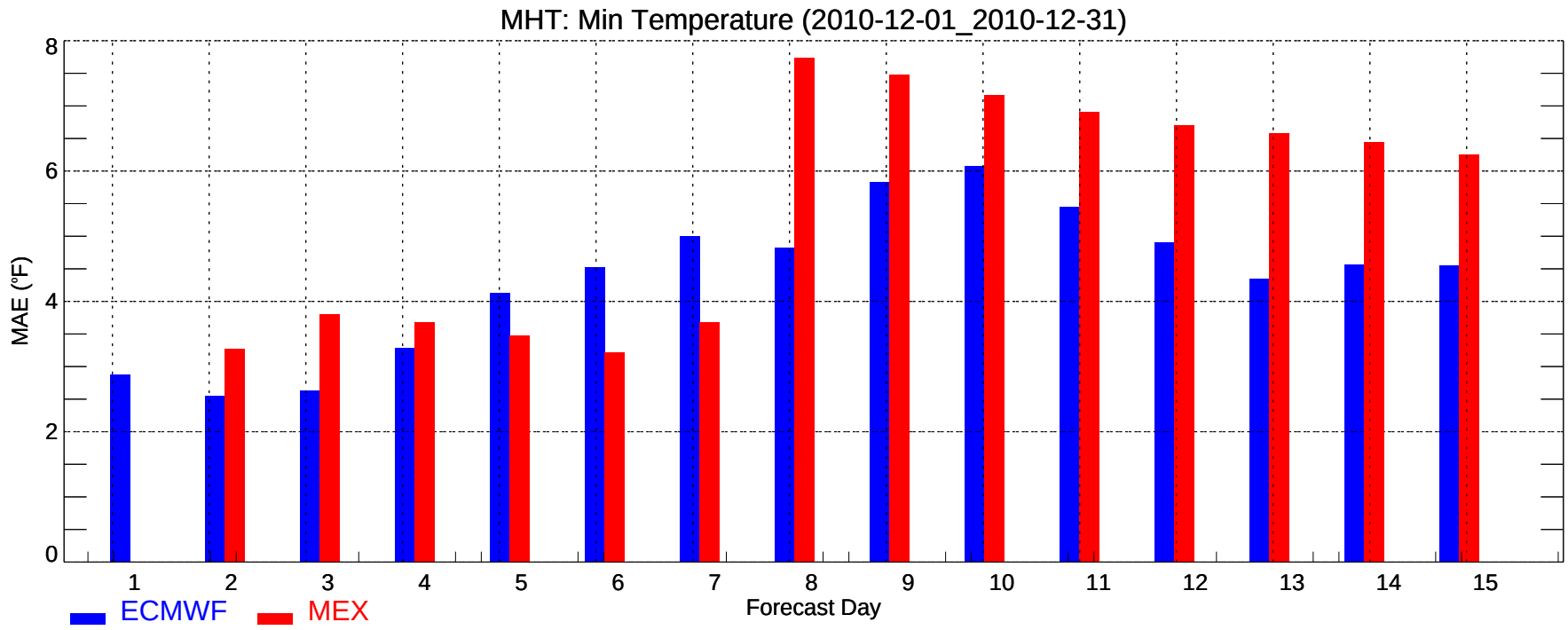

MEM: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

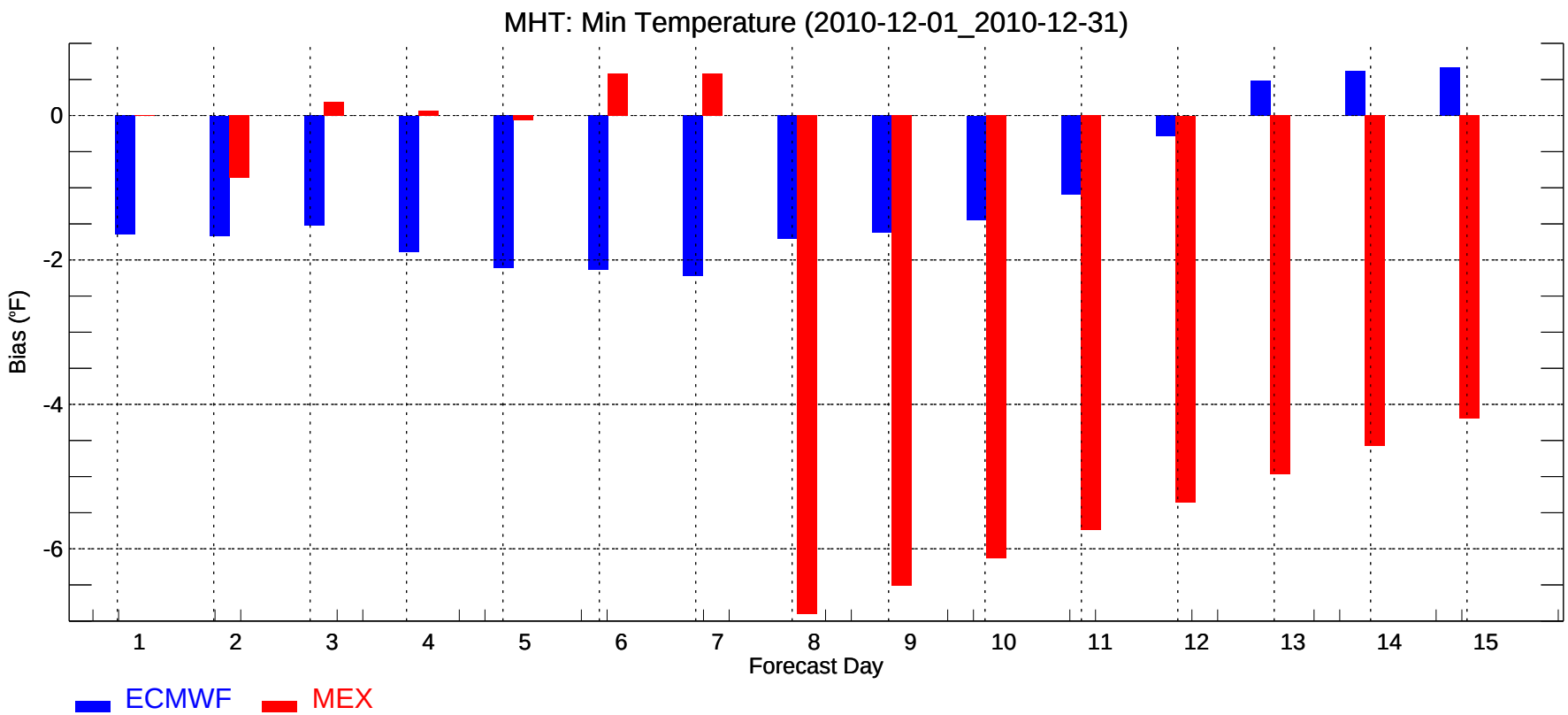

MEM: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

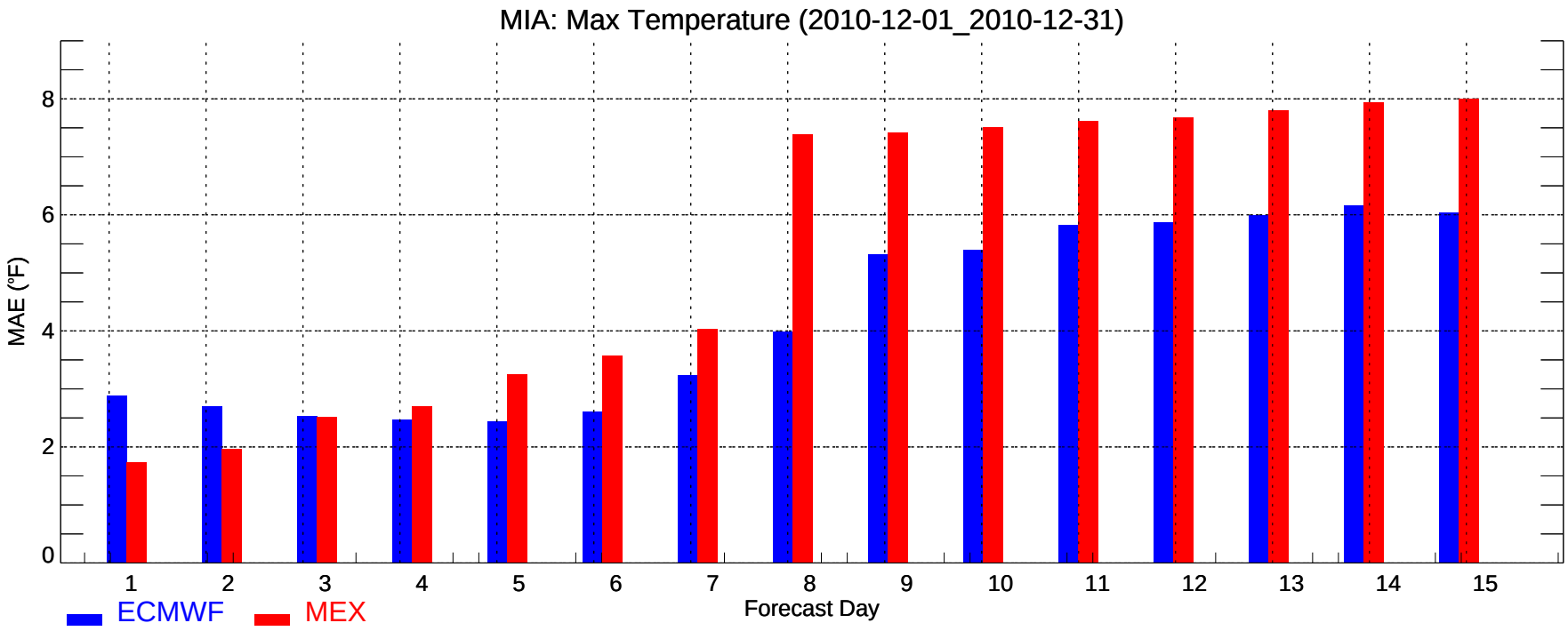

MEM: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

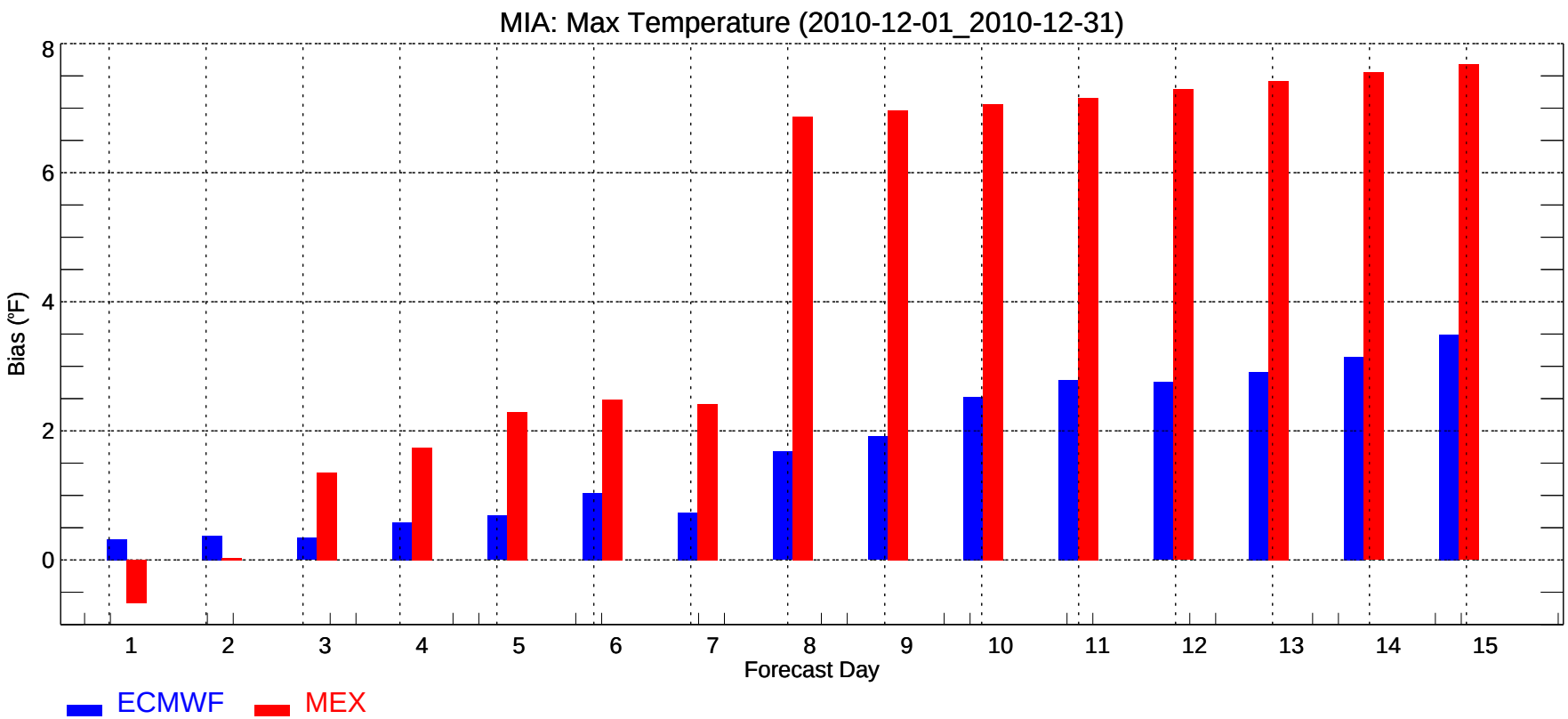

MHT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

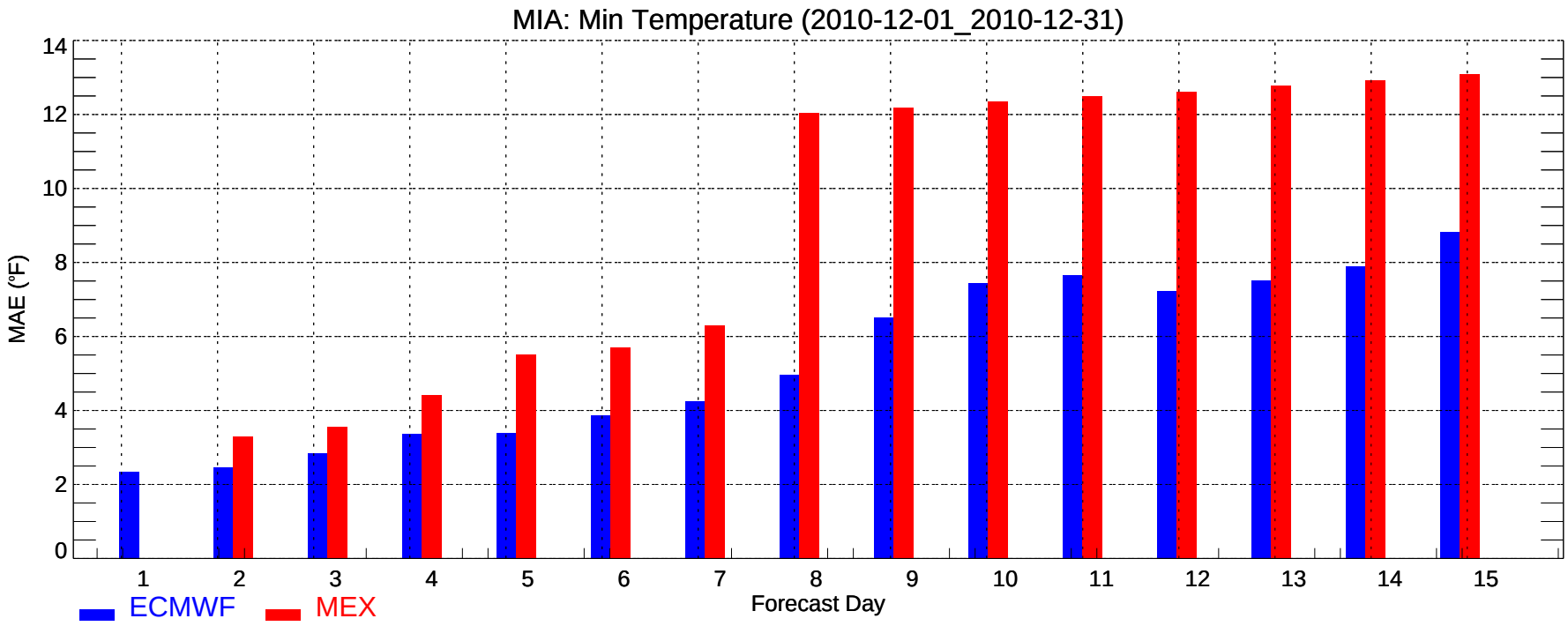

MHT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

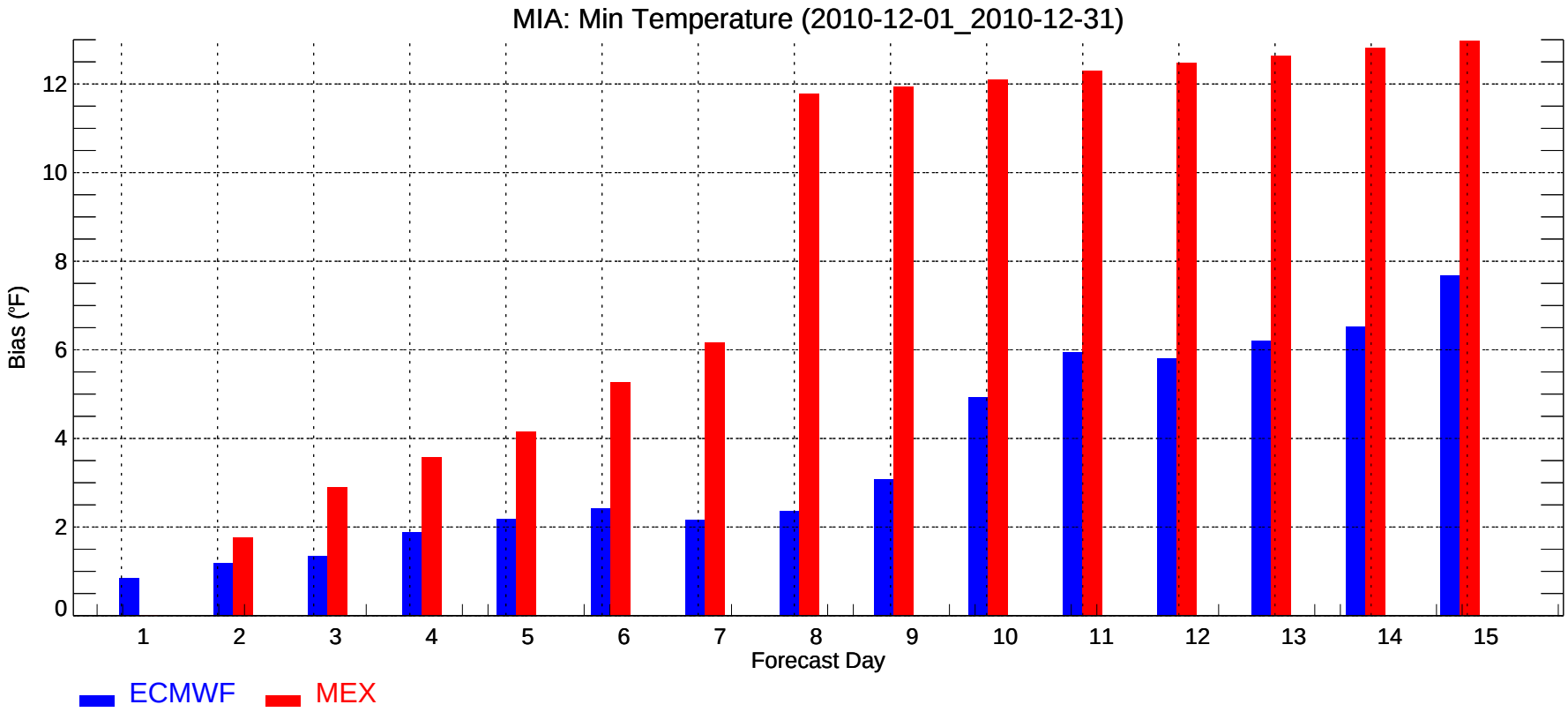

MHT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

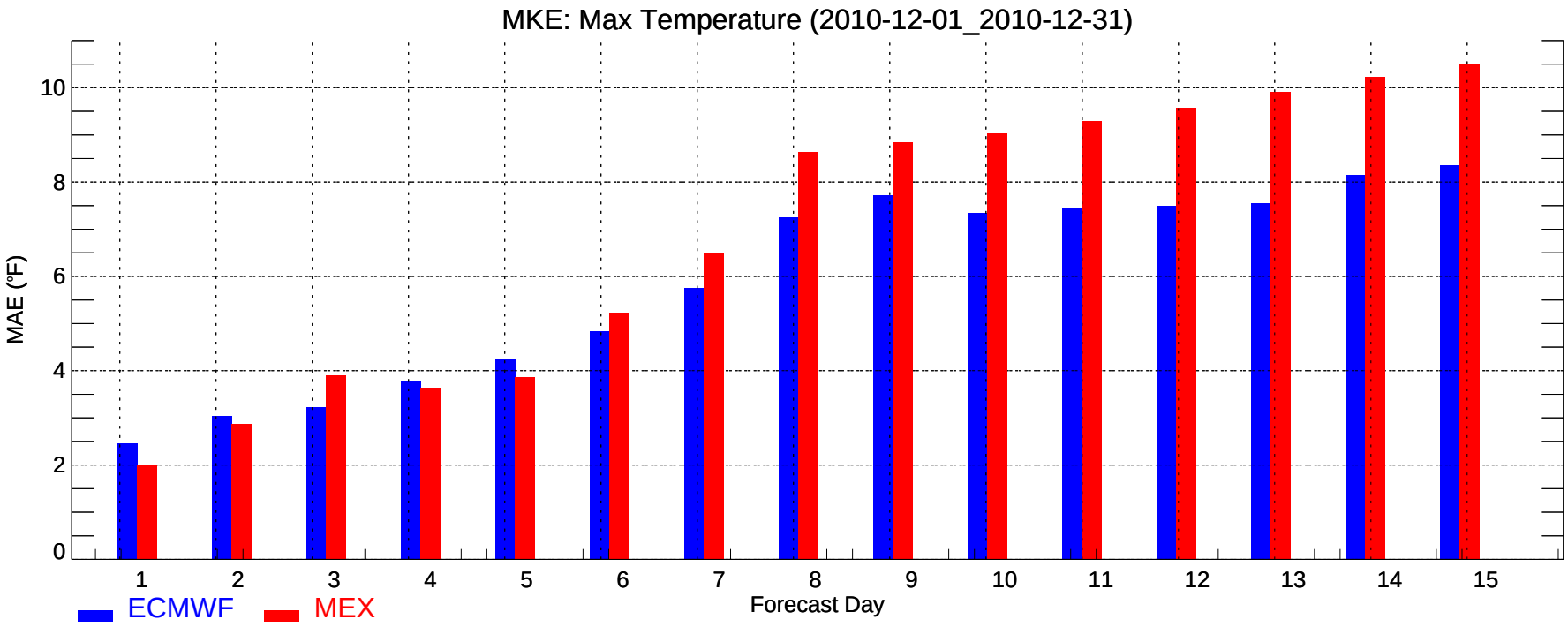

MHT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

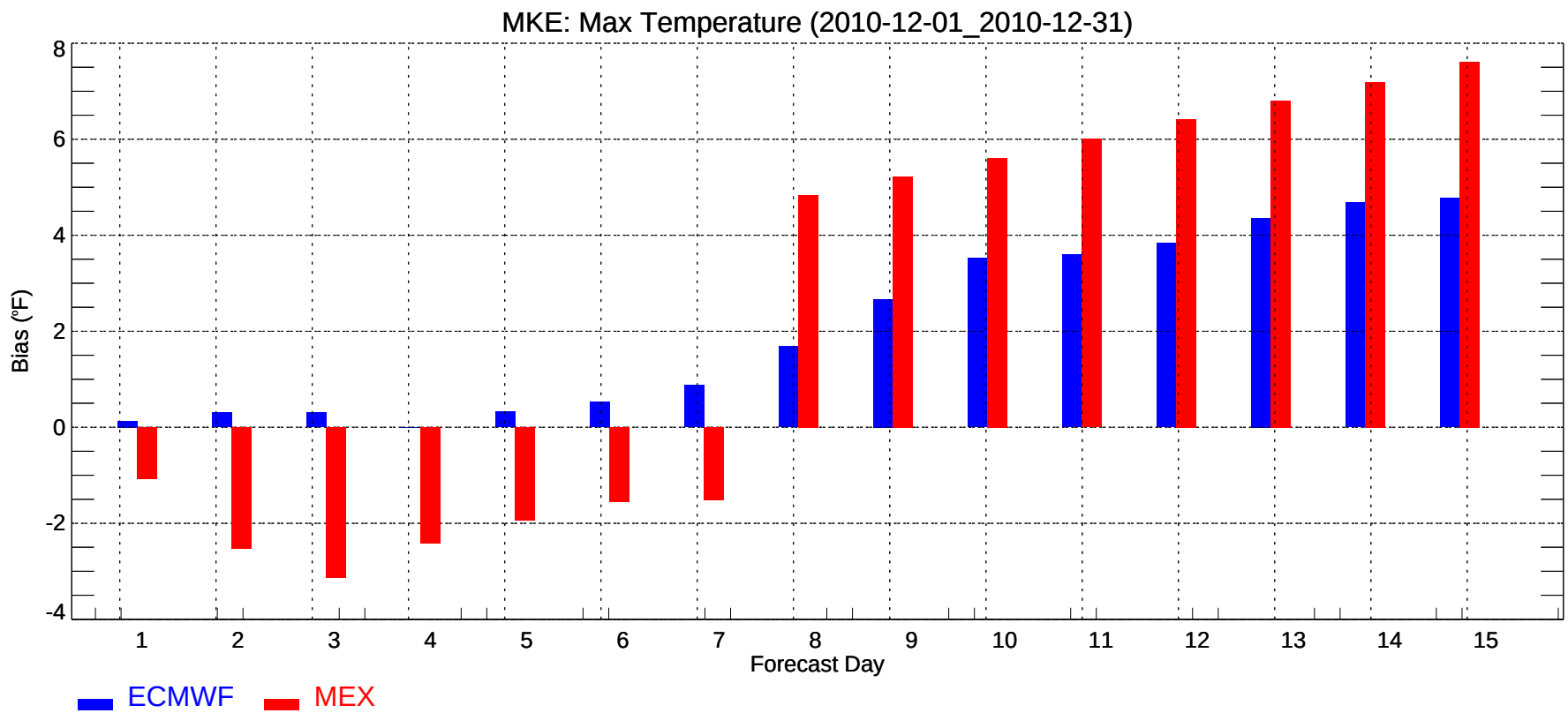

MIA: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

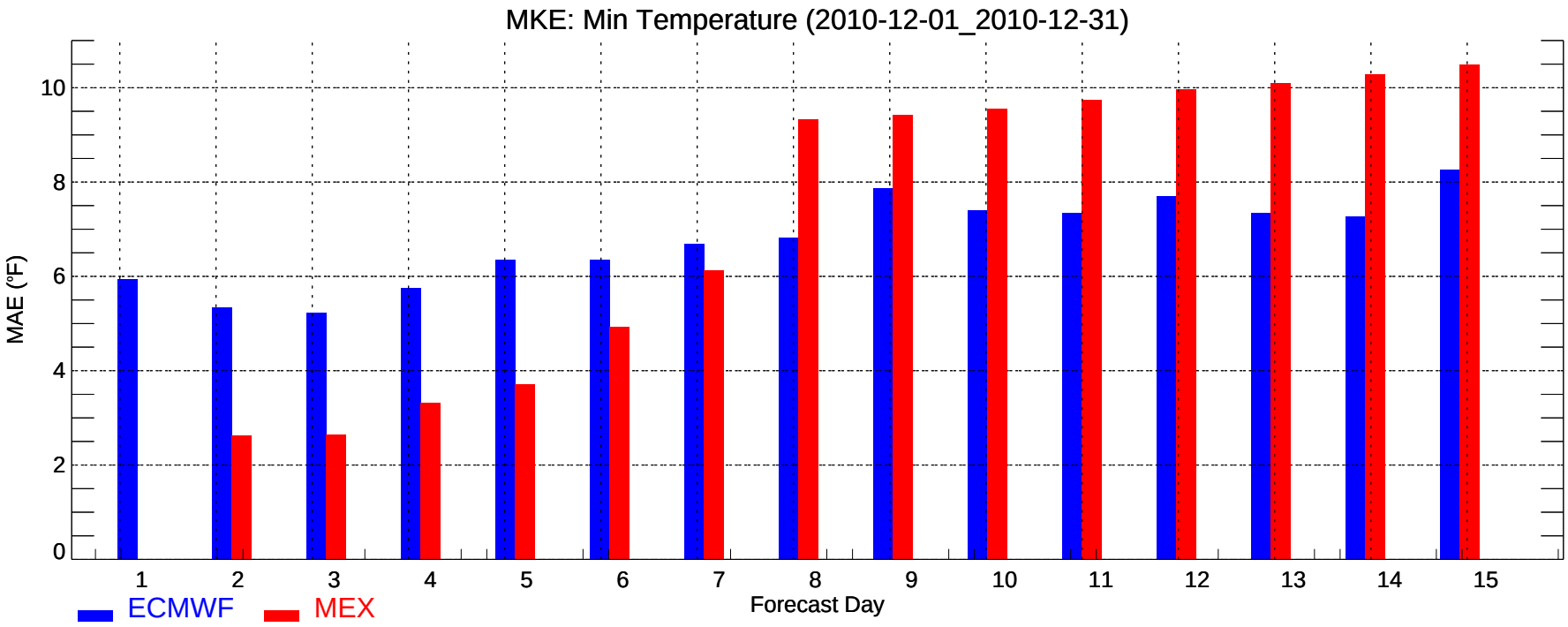

MIA: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

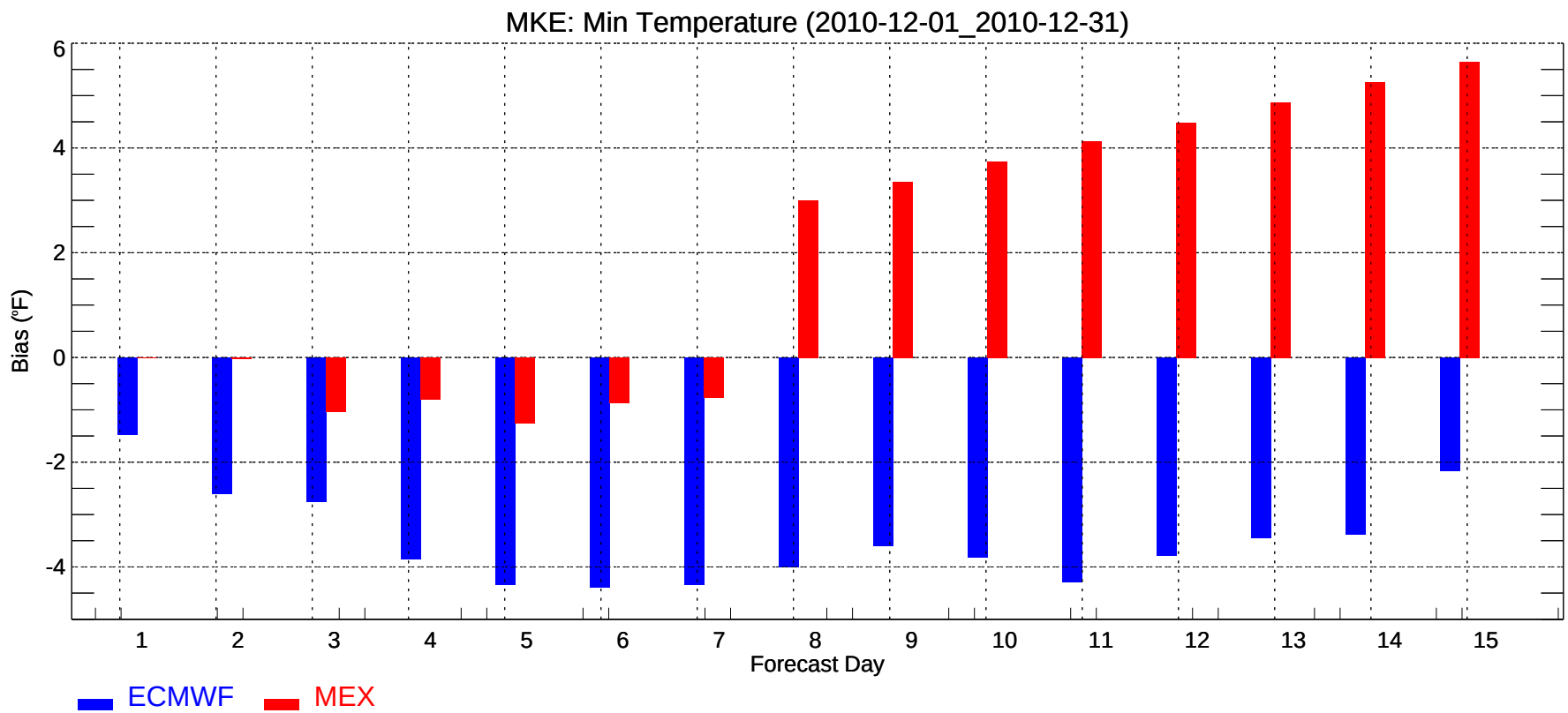

MIA: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

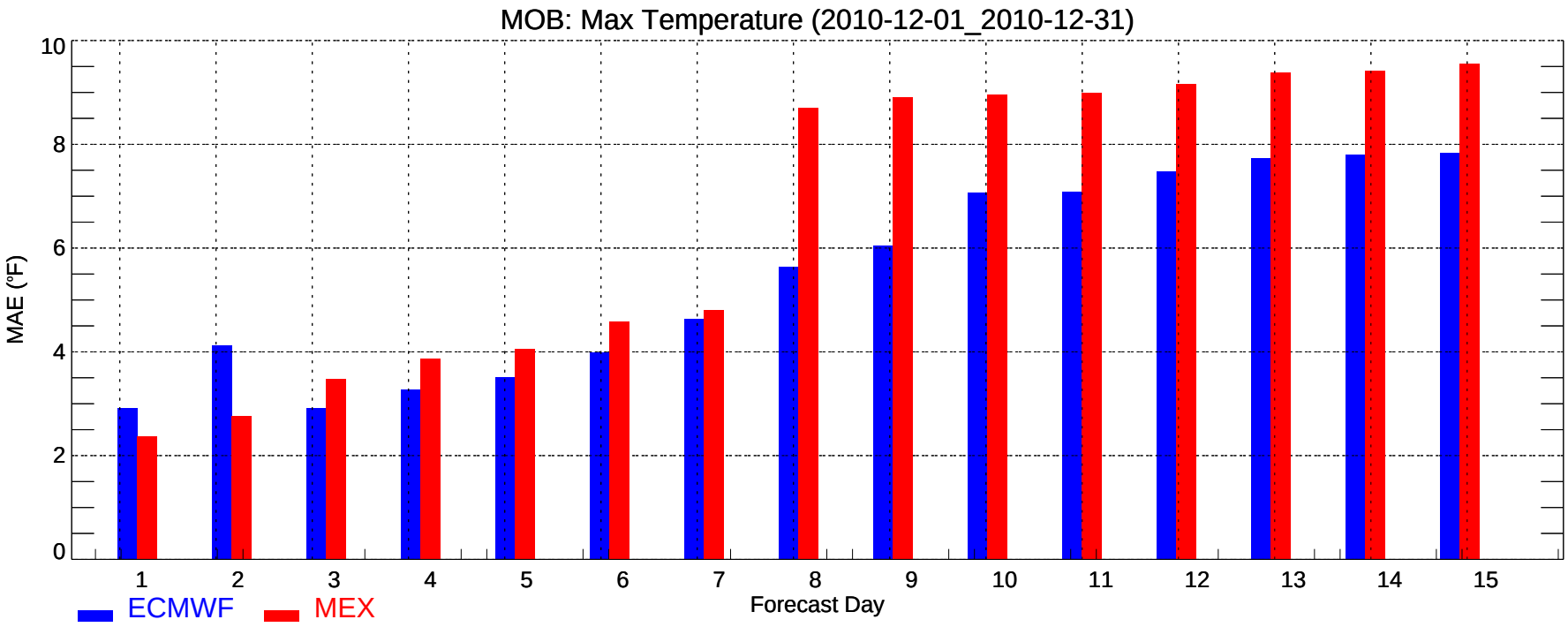

MIA: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

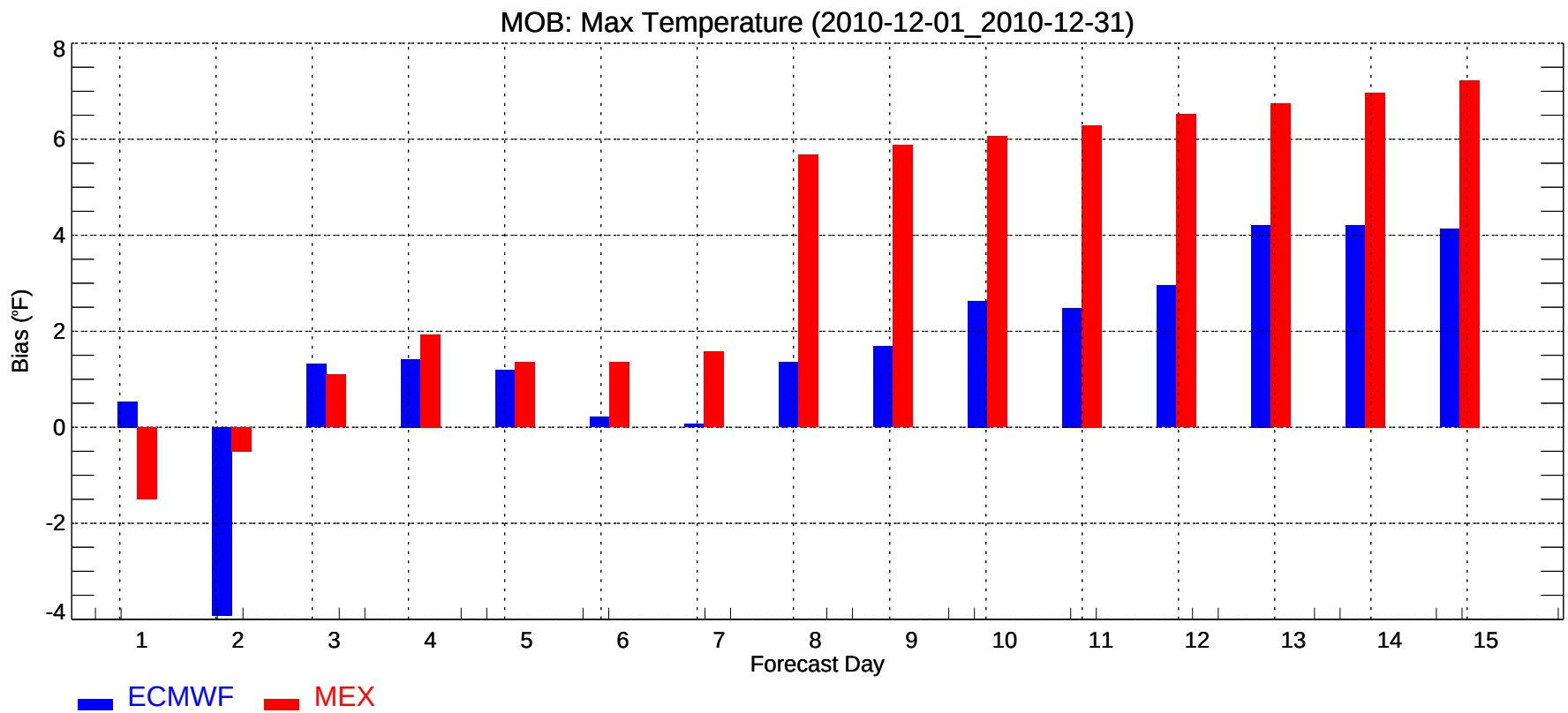

MKE: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

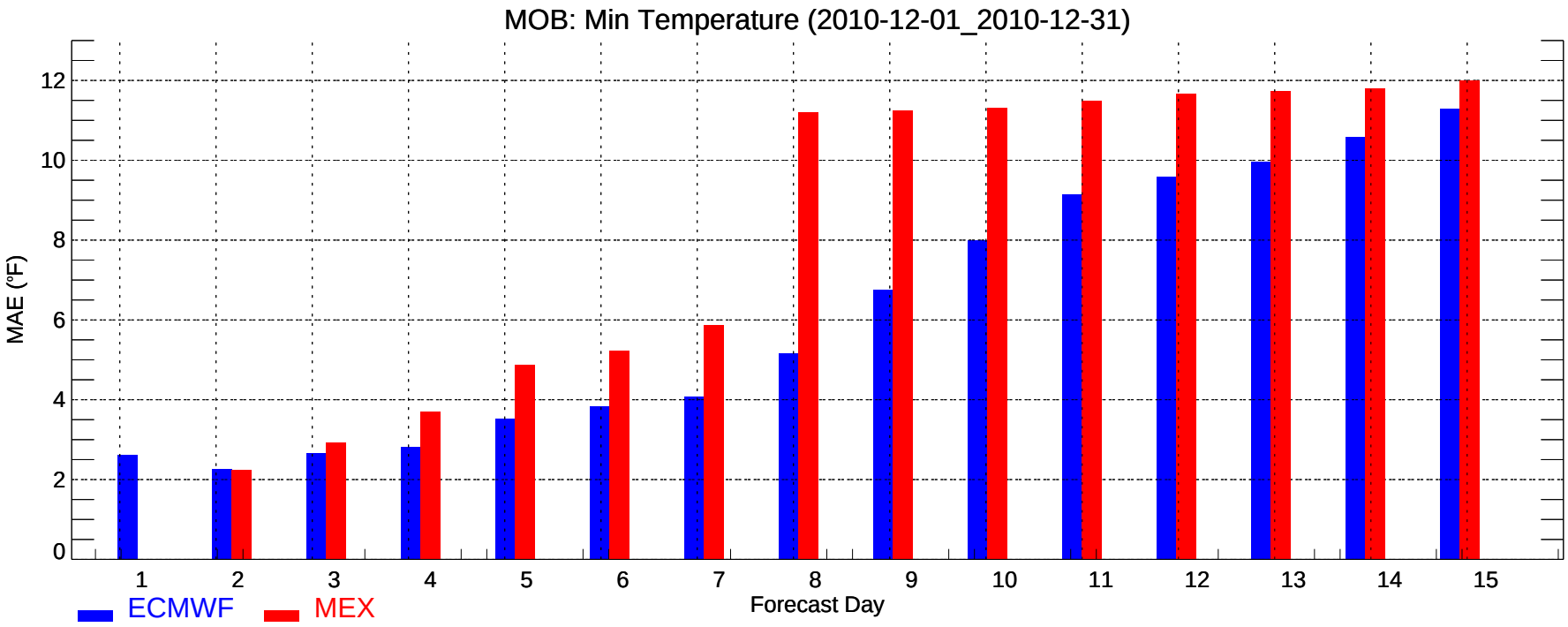

MKE: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

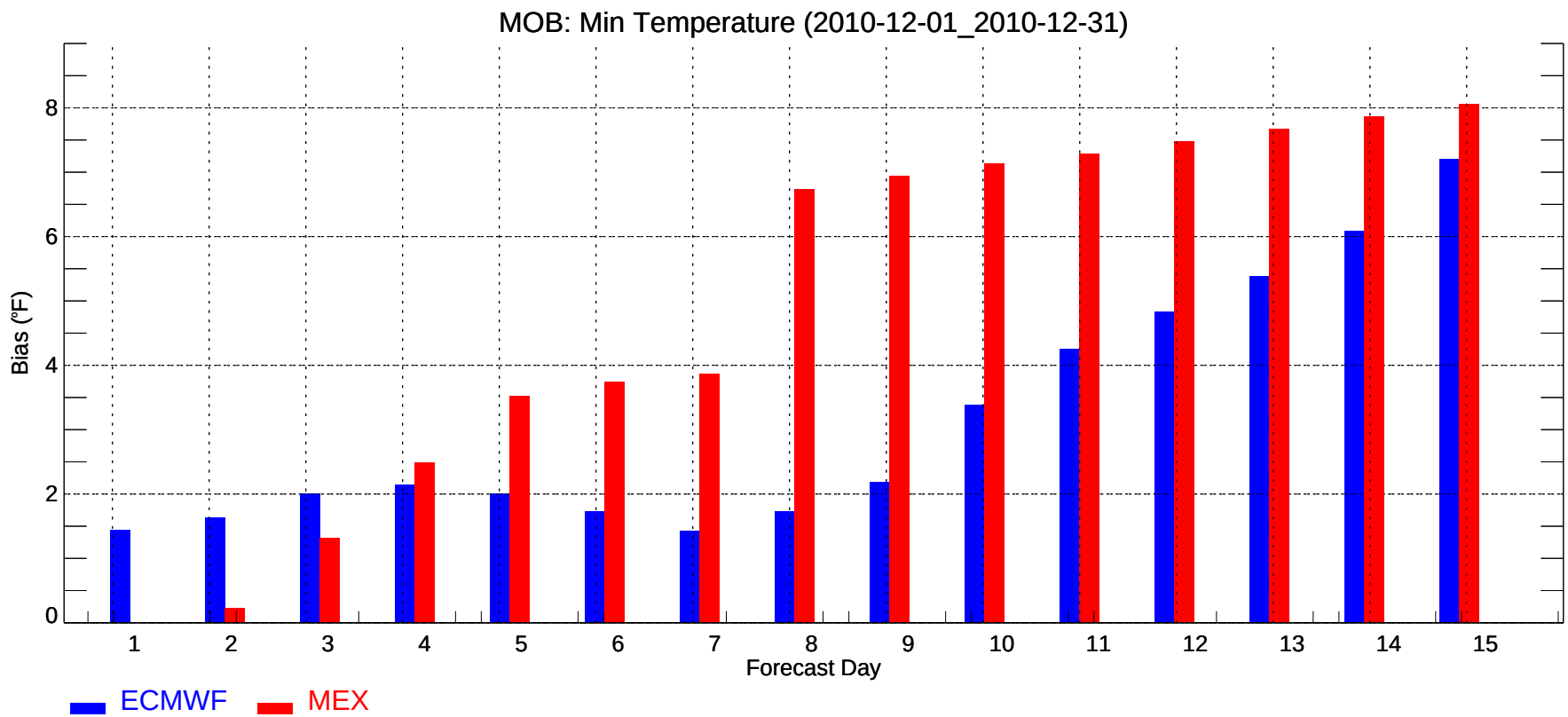

MKE: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

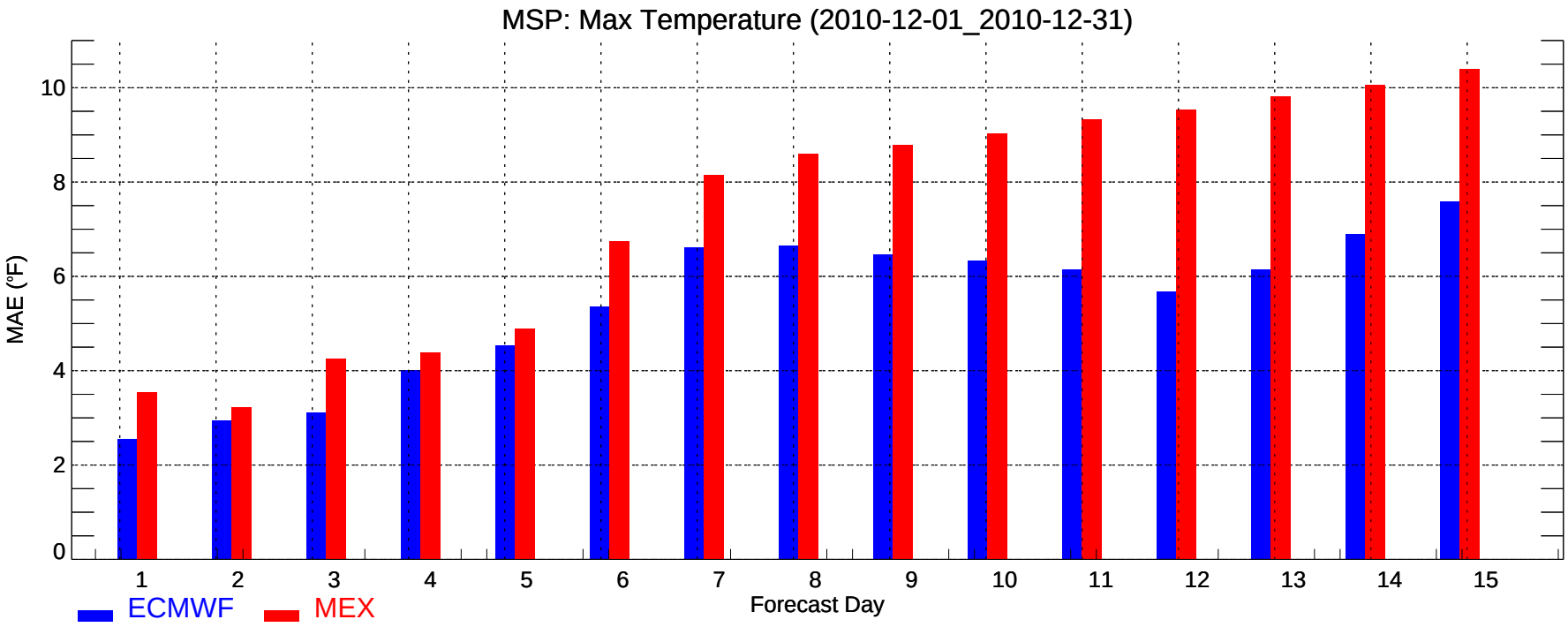

MKE: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
6
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

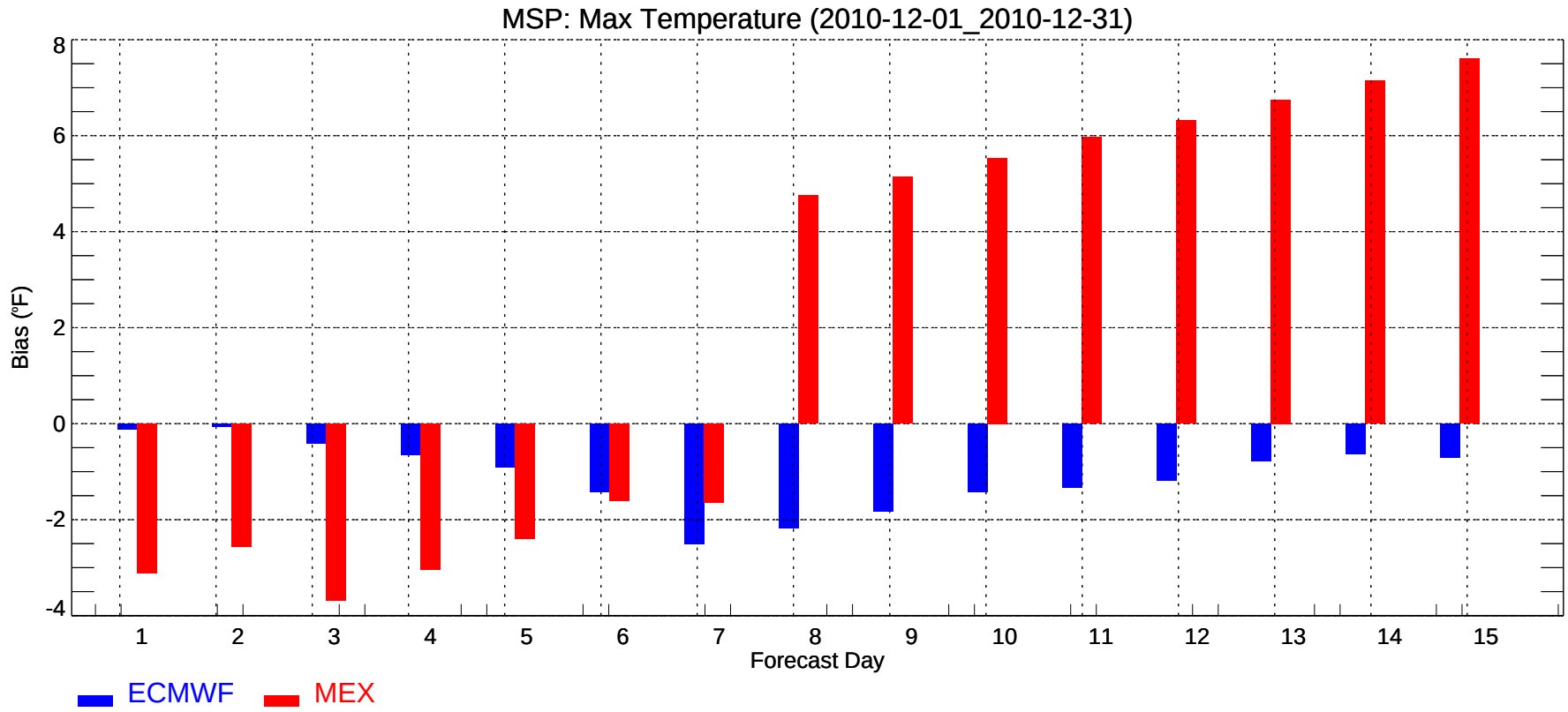

MOB: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

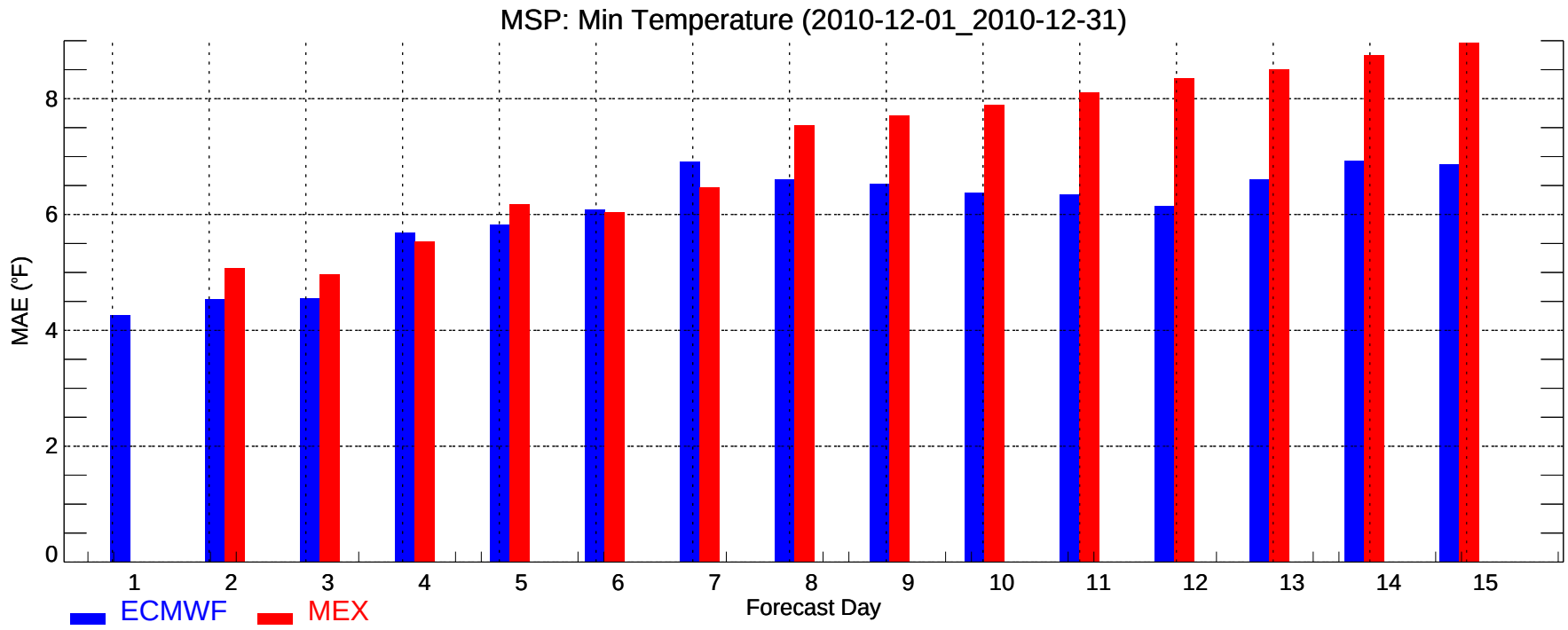

MOB: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

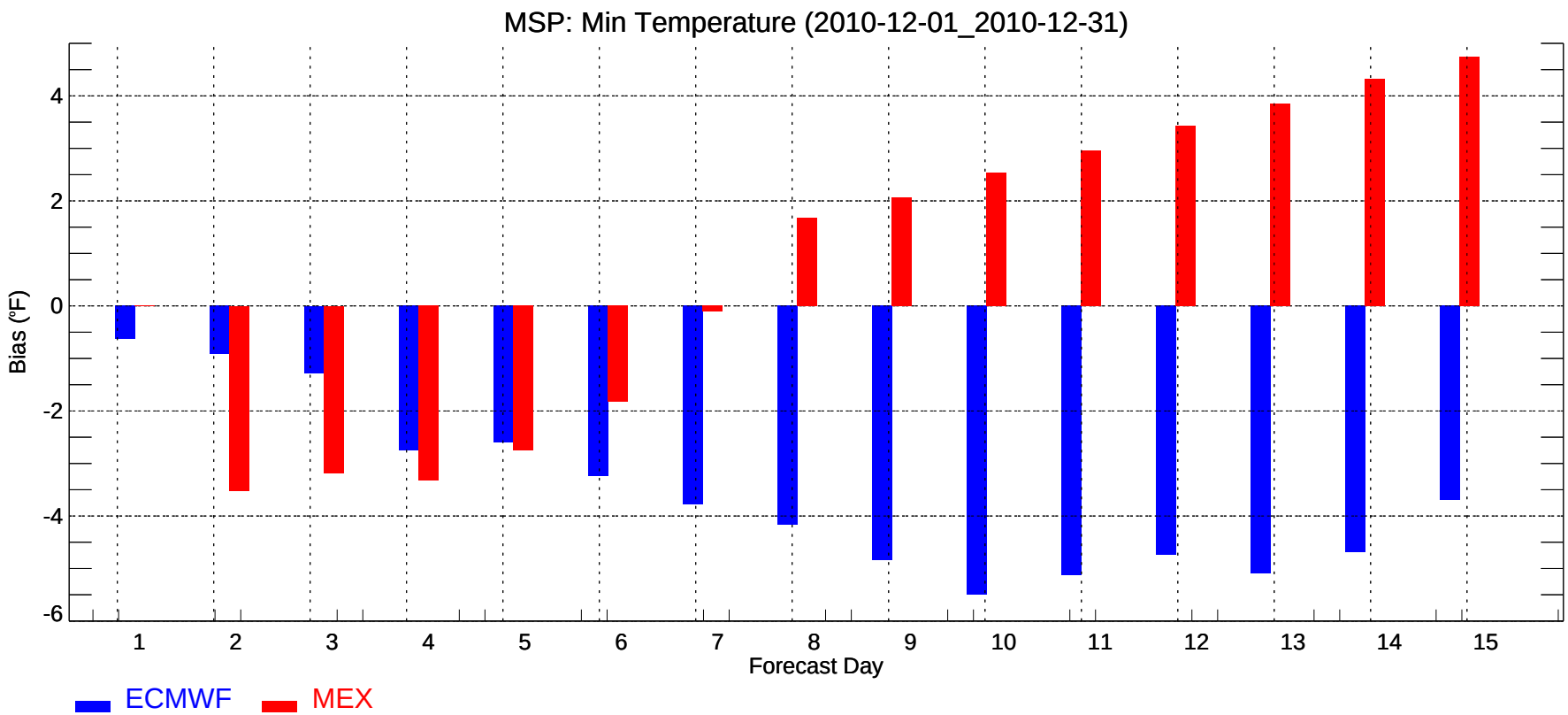

MOB: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

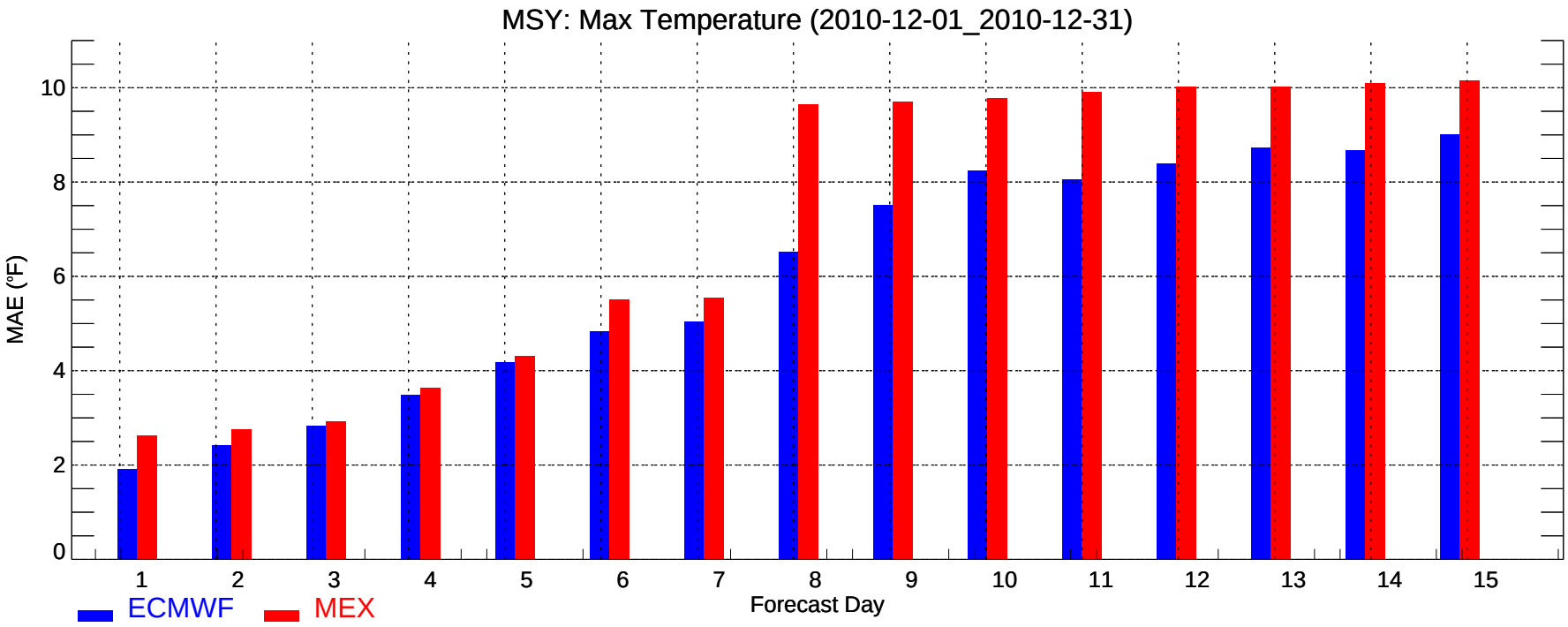

MOB: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

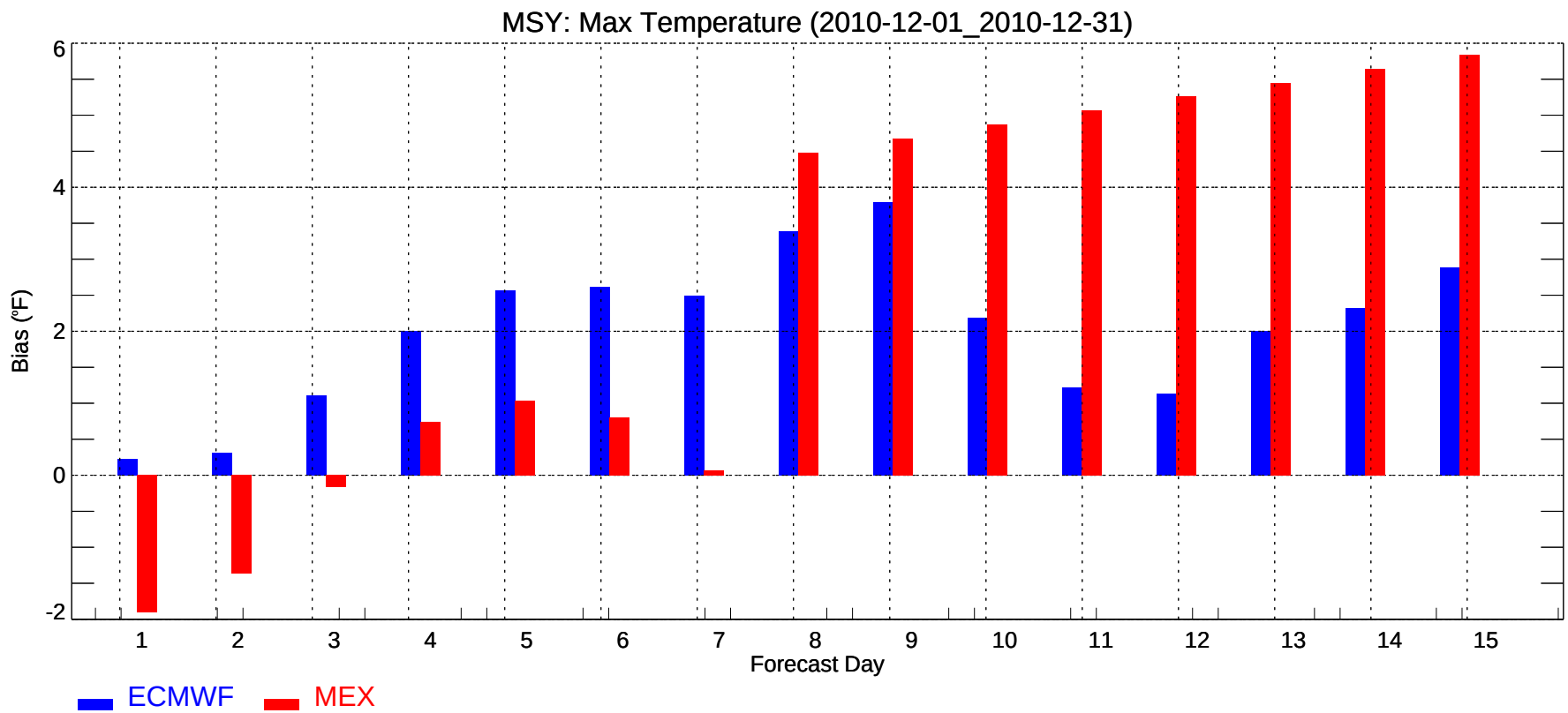

MSP: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

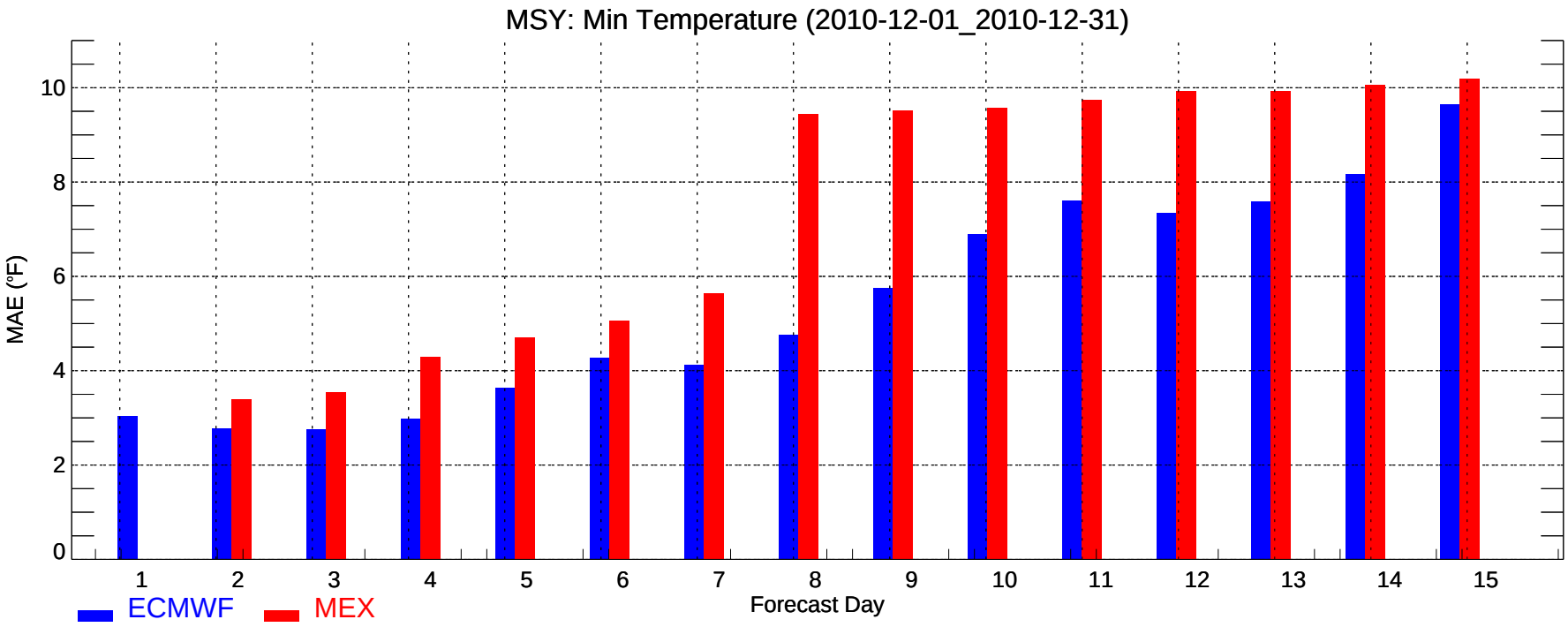

MSP: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

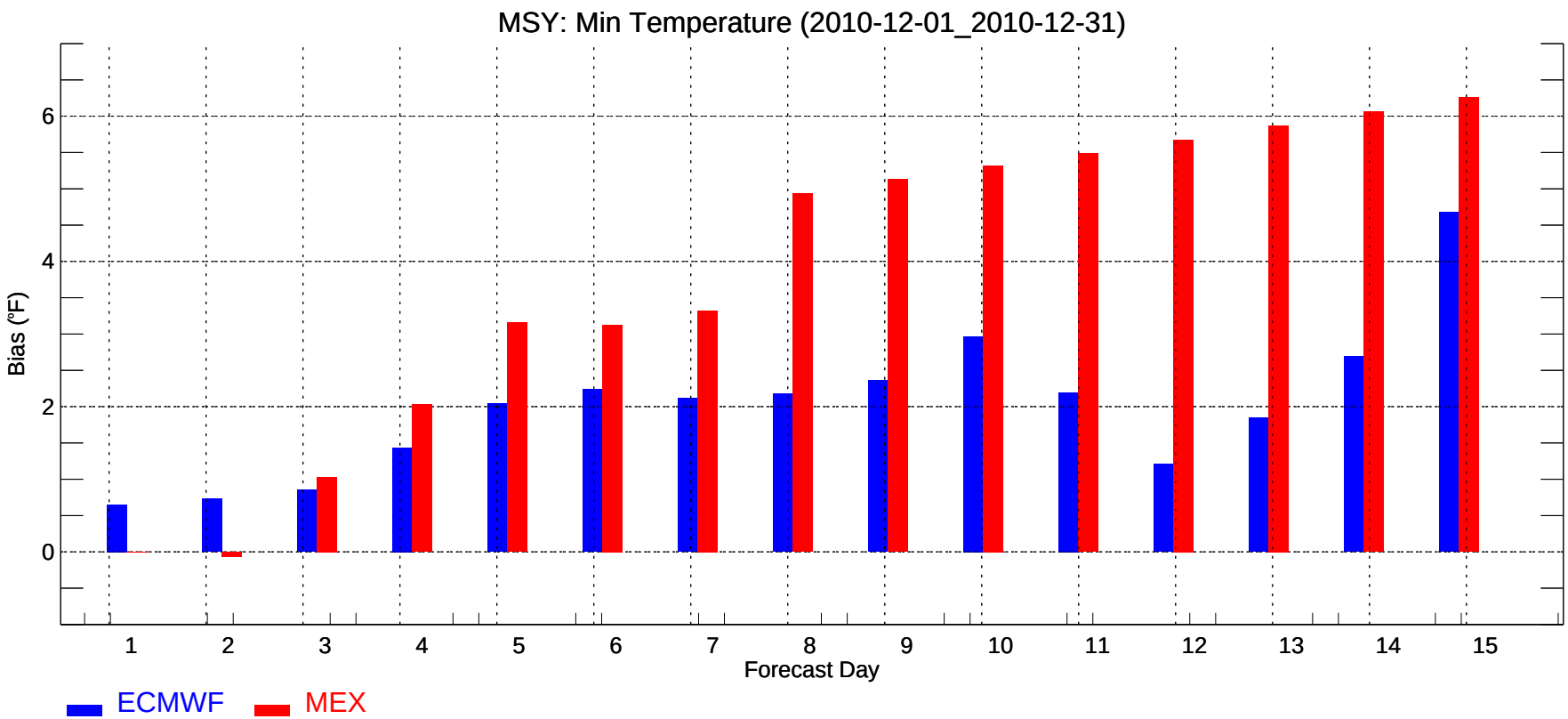

MSP: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

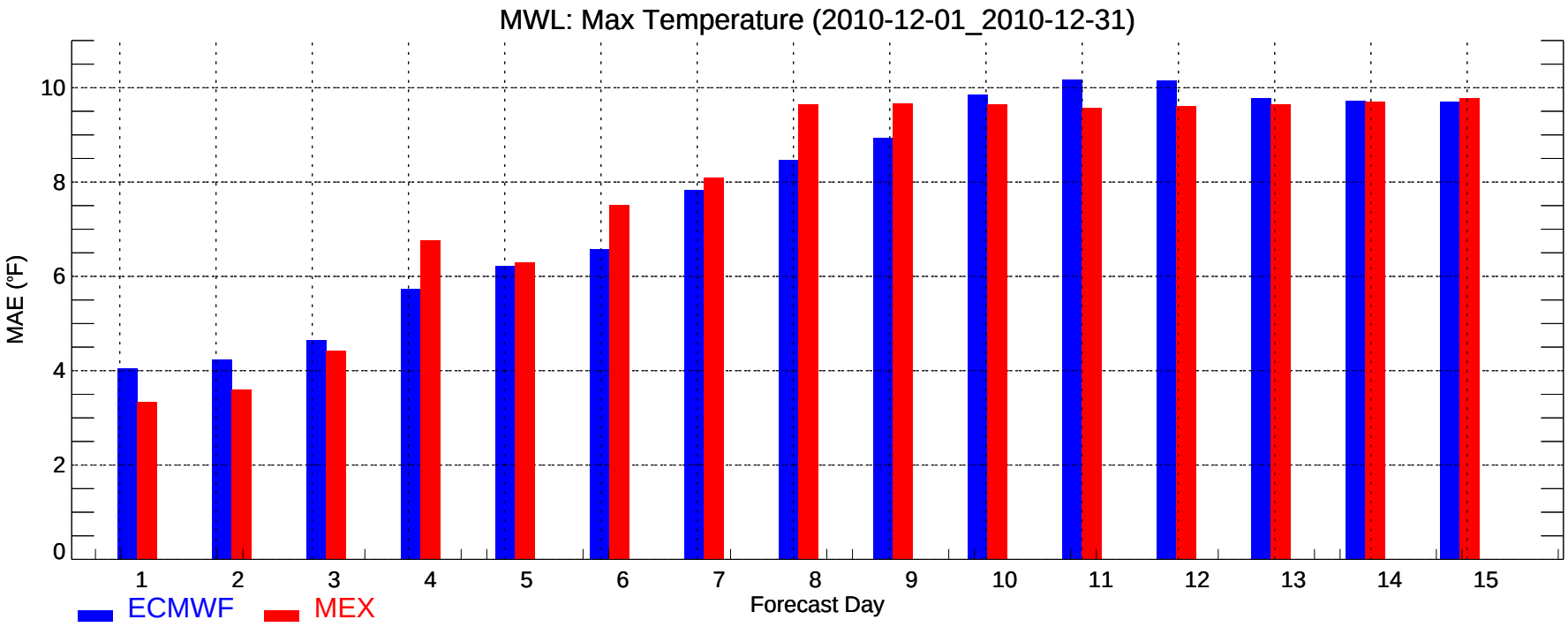

MSP: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

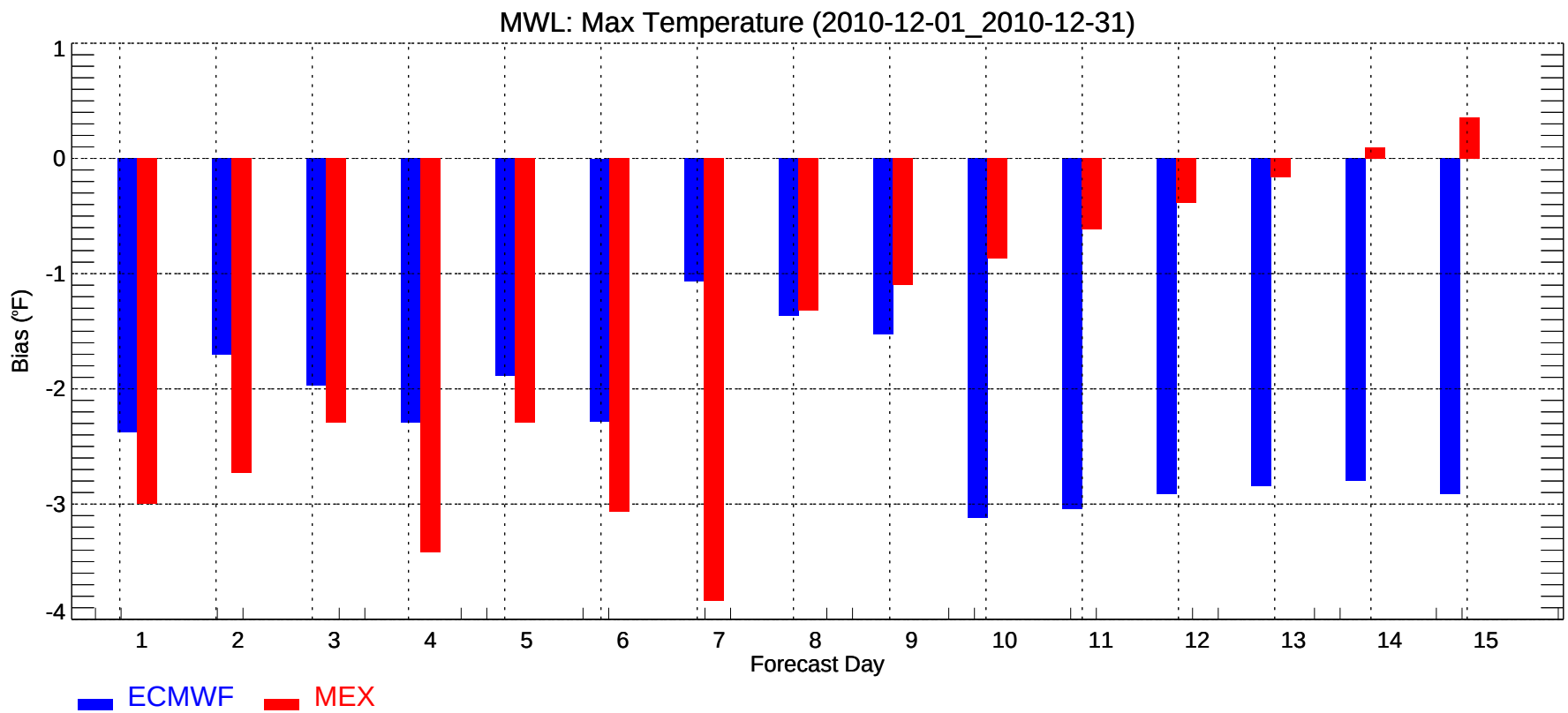

MSY: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

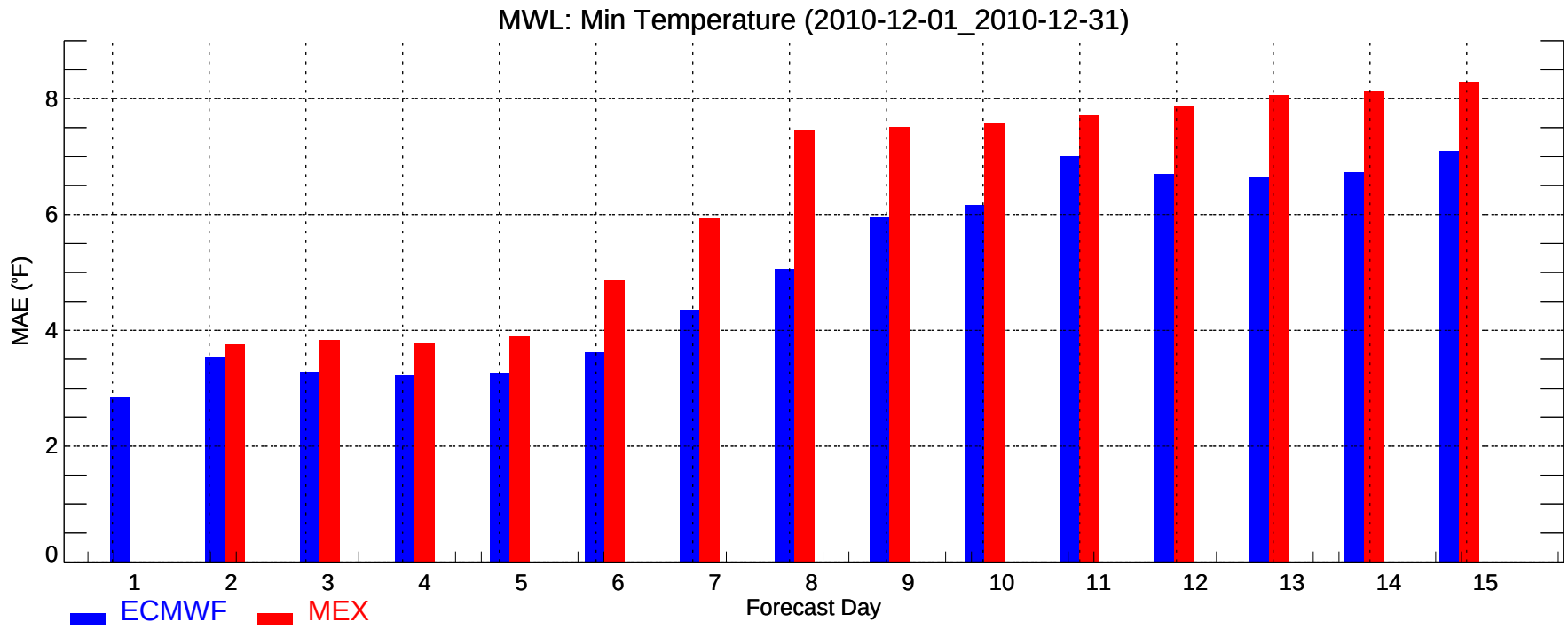

MSY: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

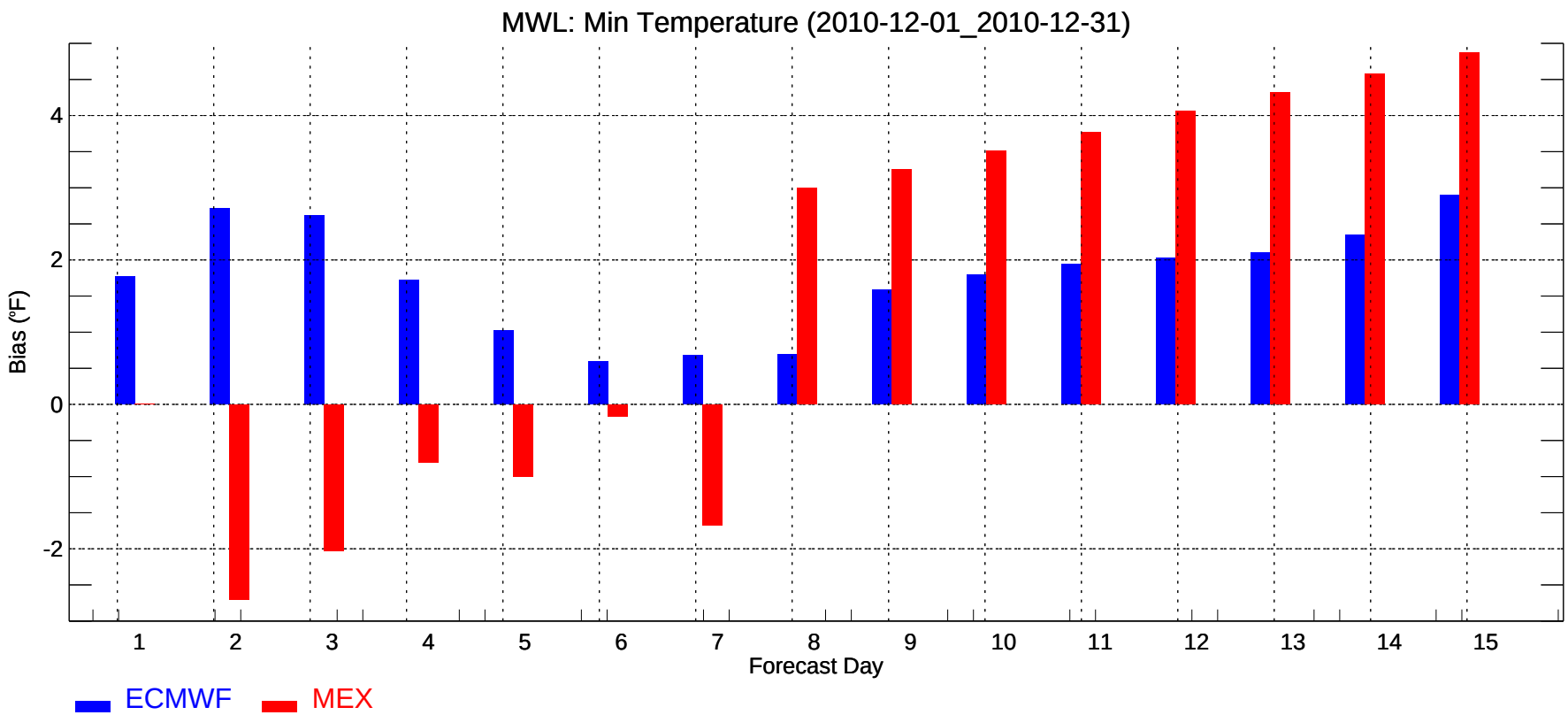

MSY: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

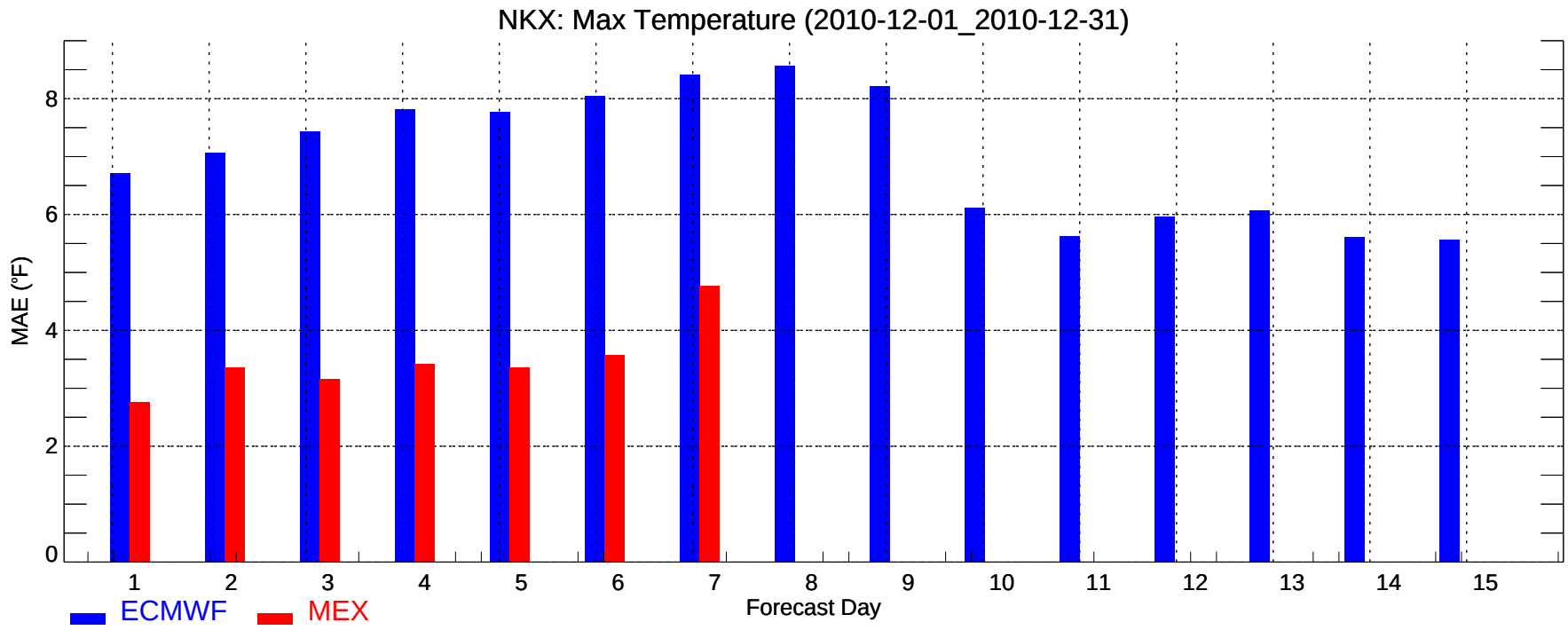

MSY: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

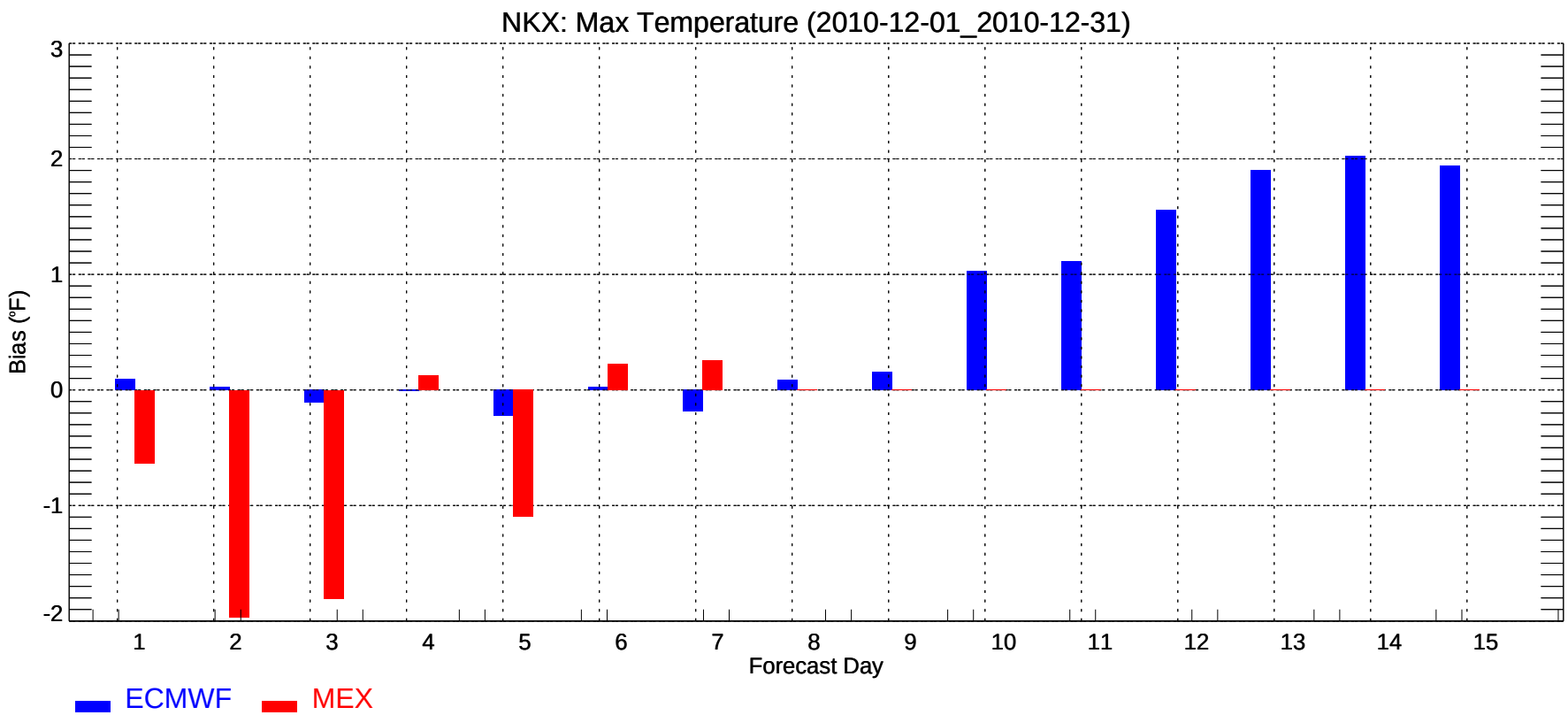

MWL: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

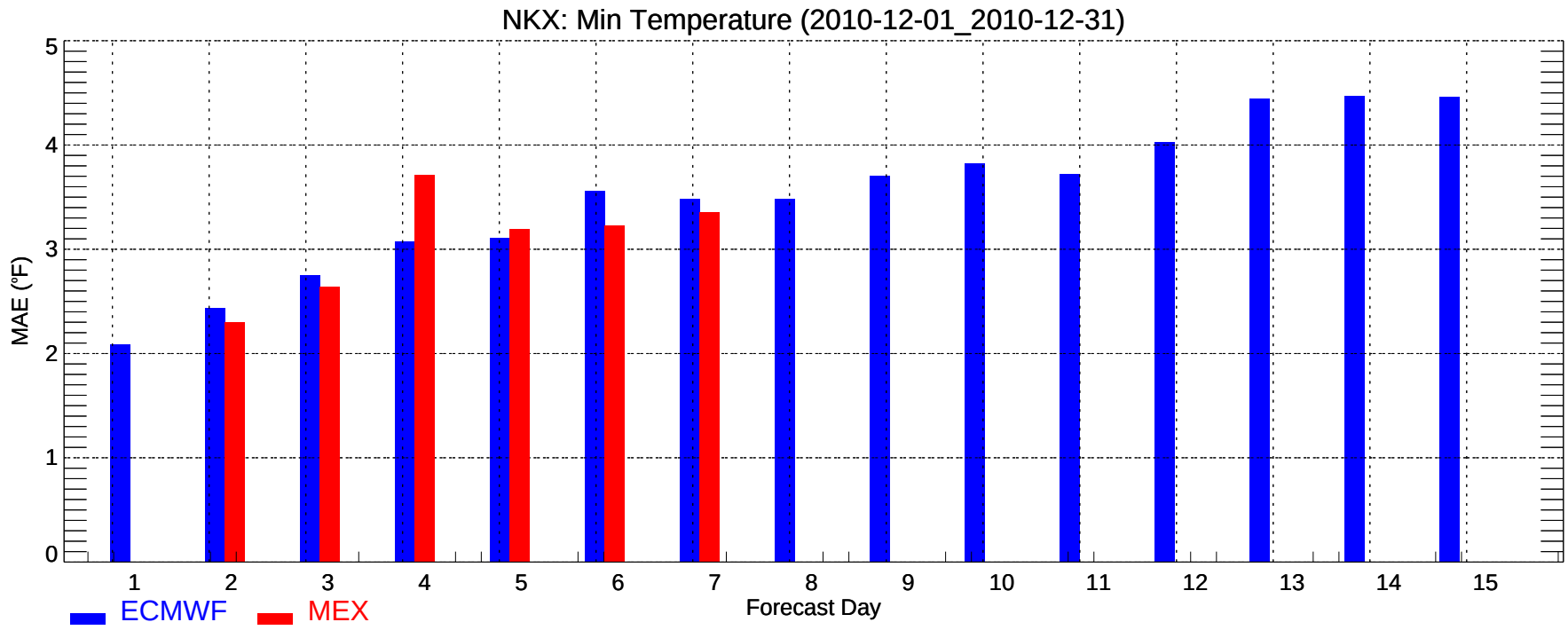

MWL: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

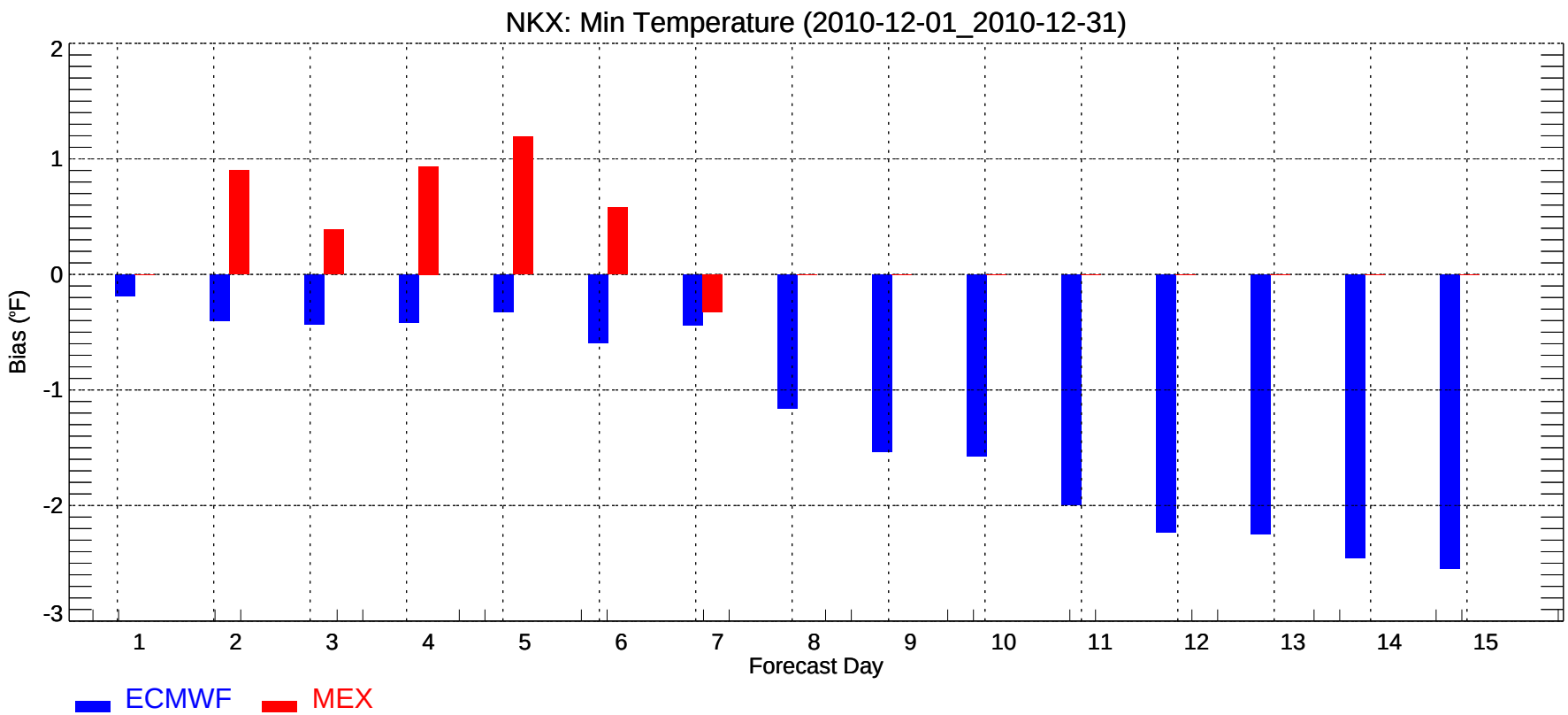

MWL: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

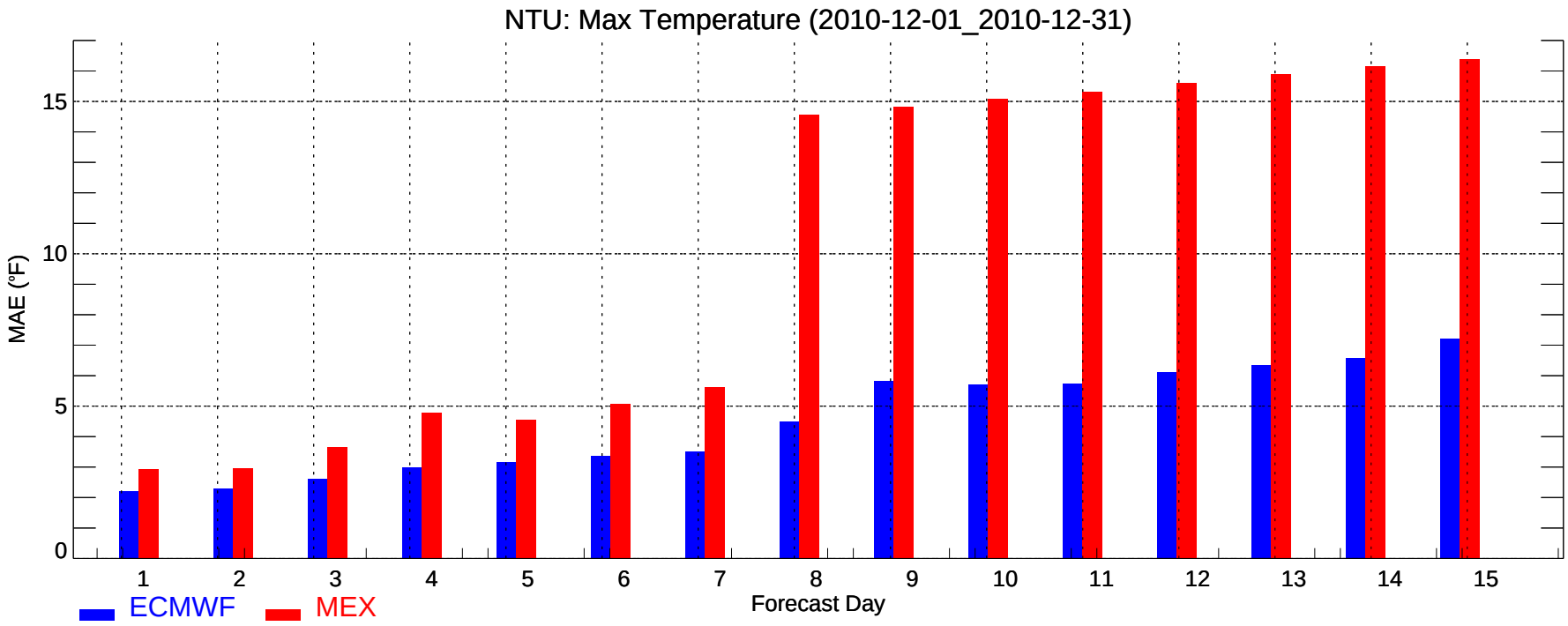

MWL: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

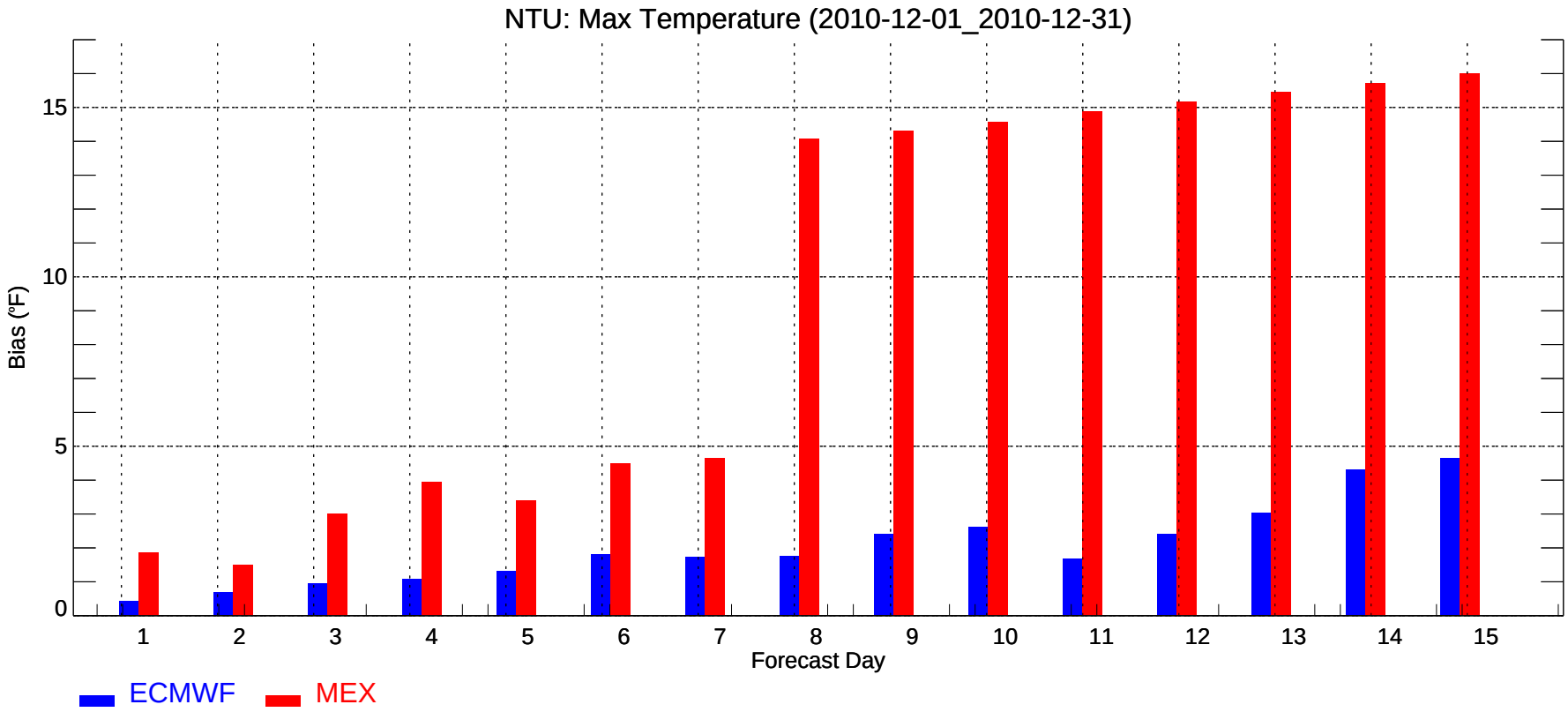

NKX: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

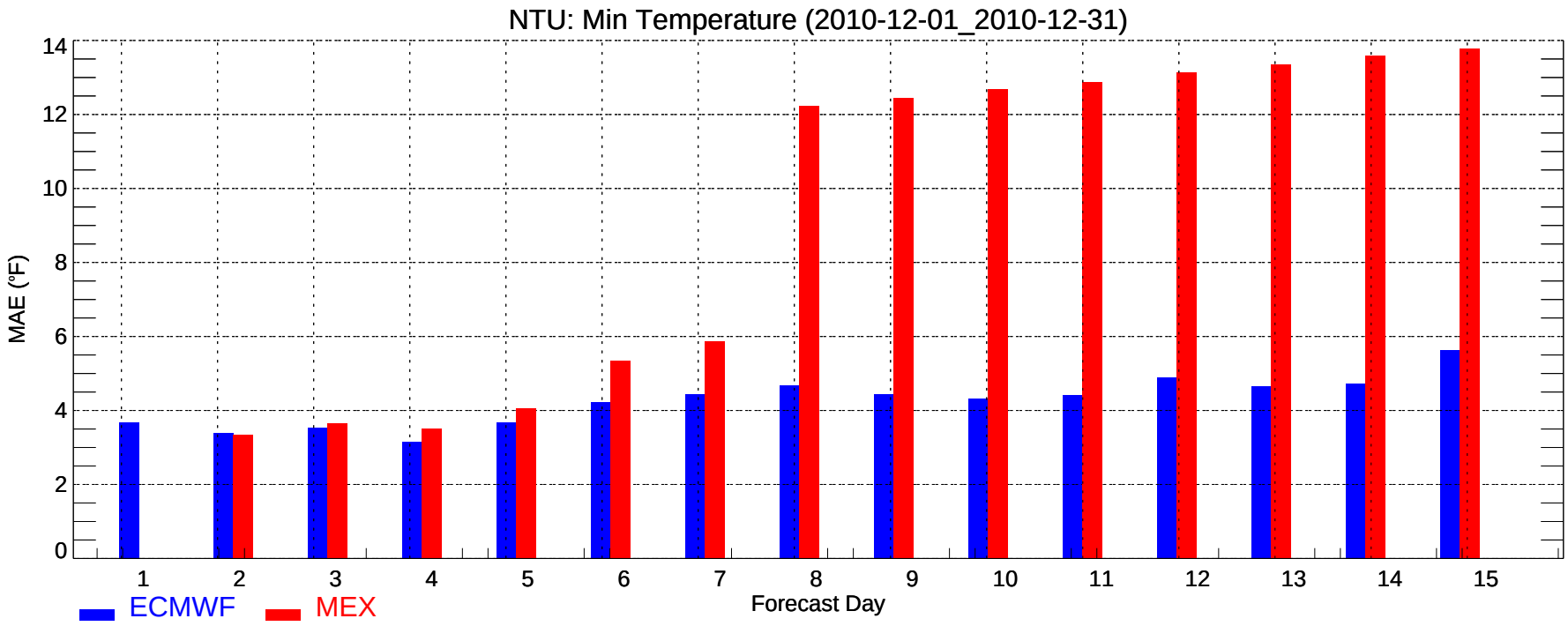

NKX: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

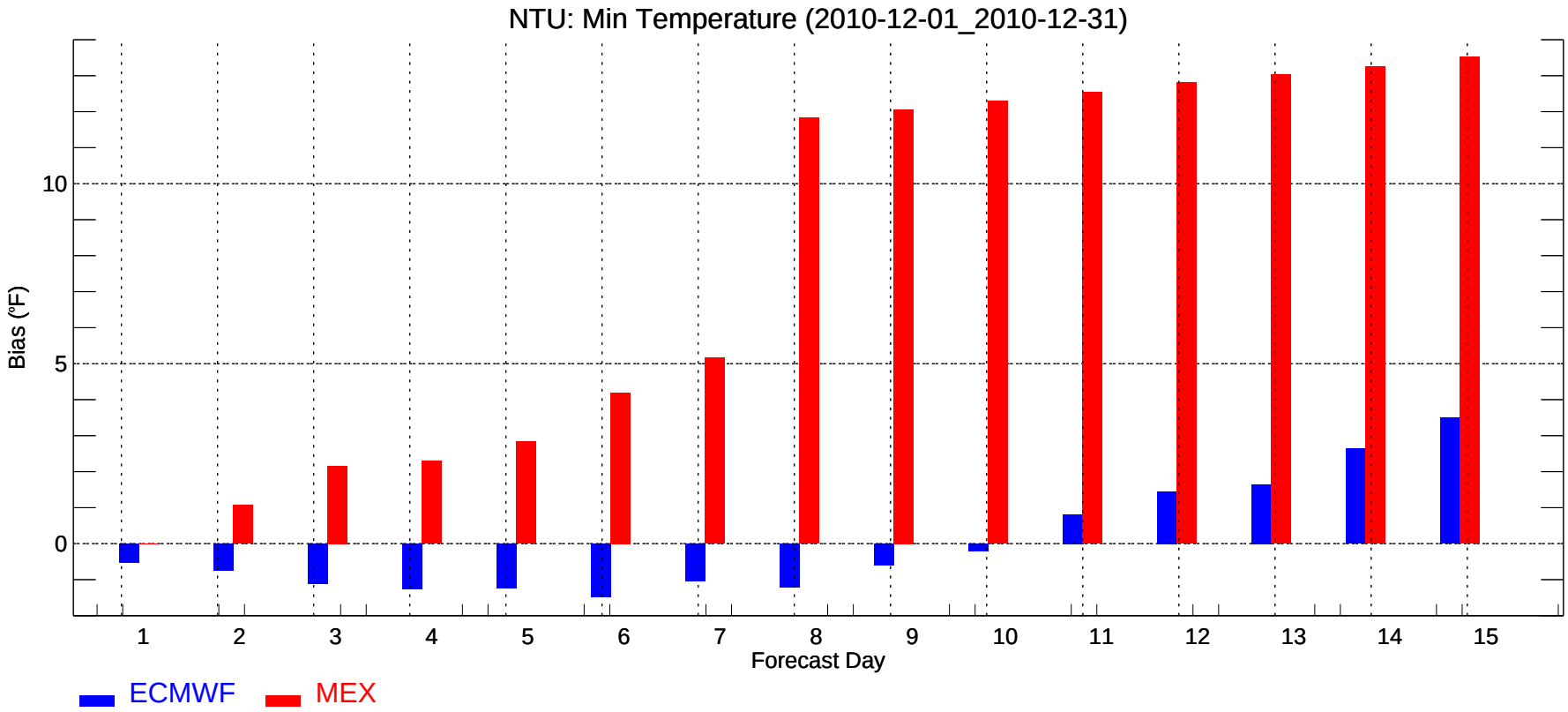

NKX: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

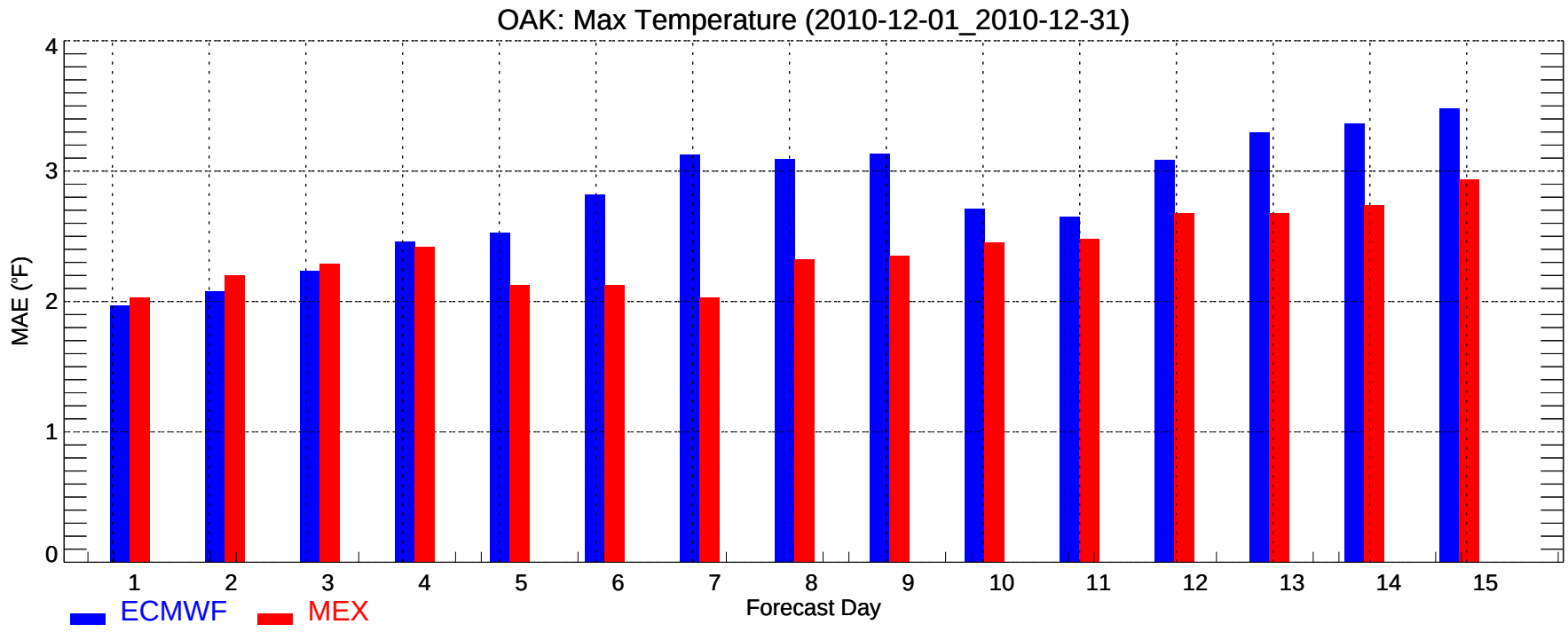

NKX: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

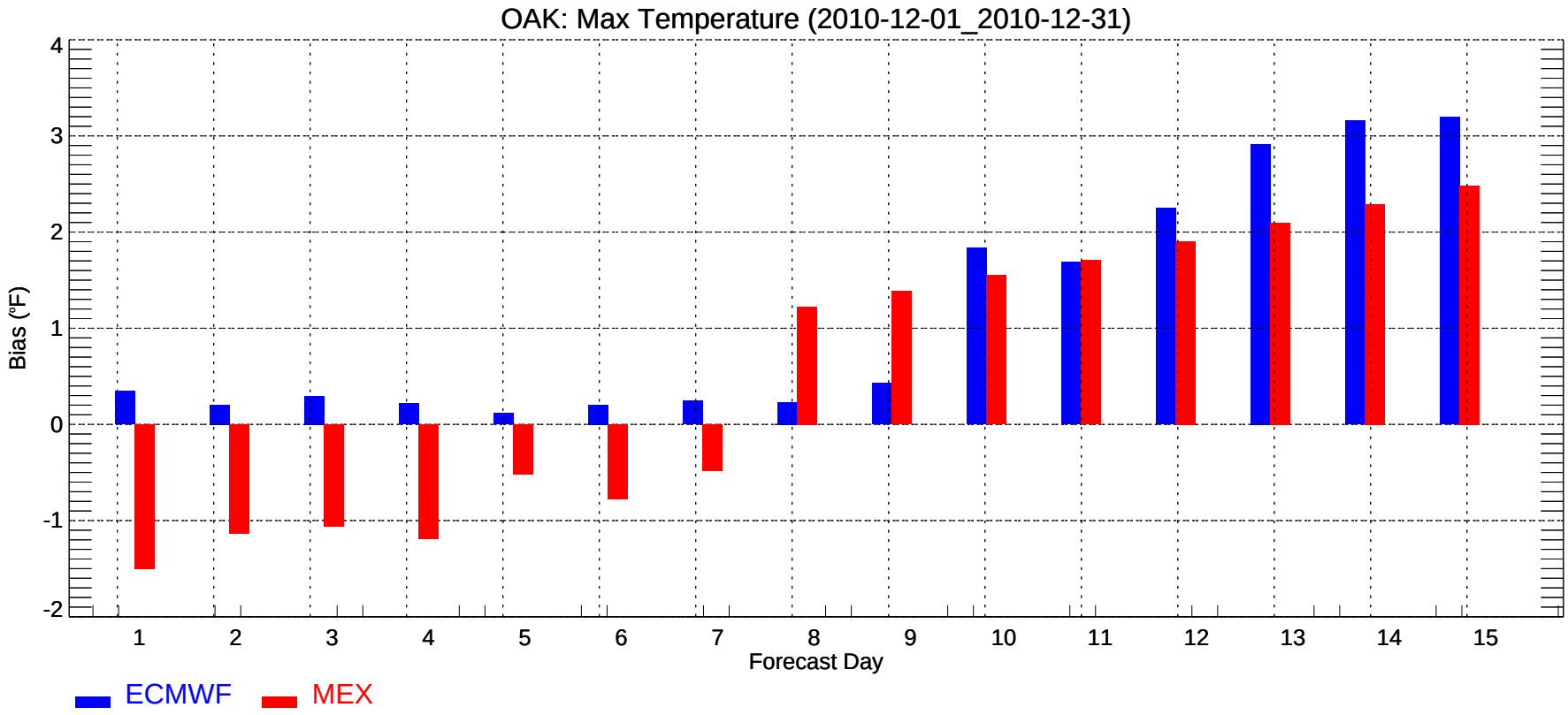

NTU: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

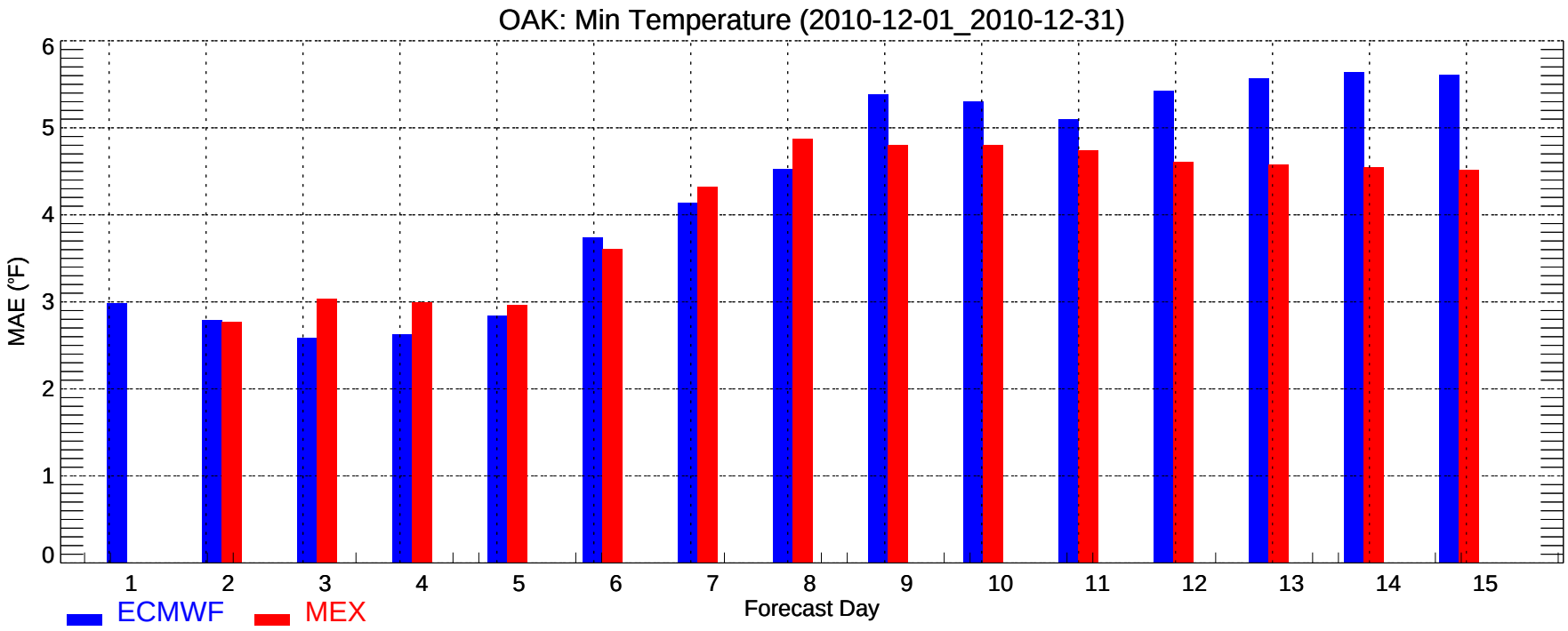

NTU: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

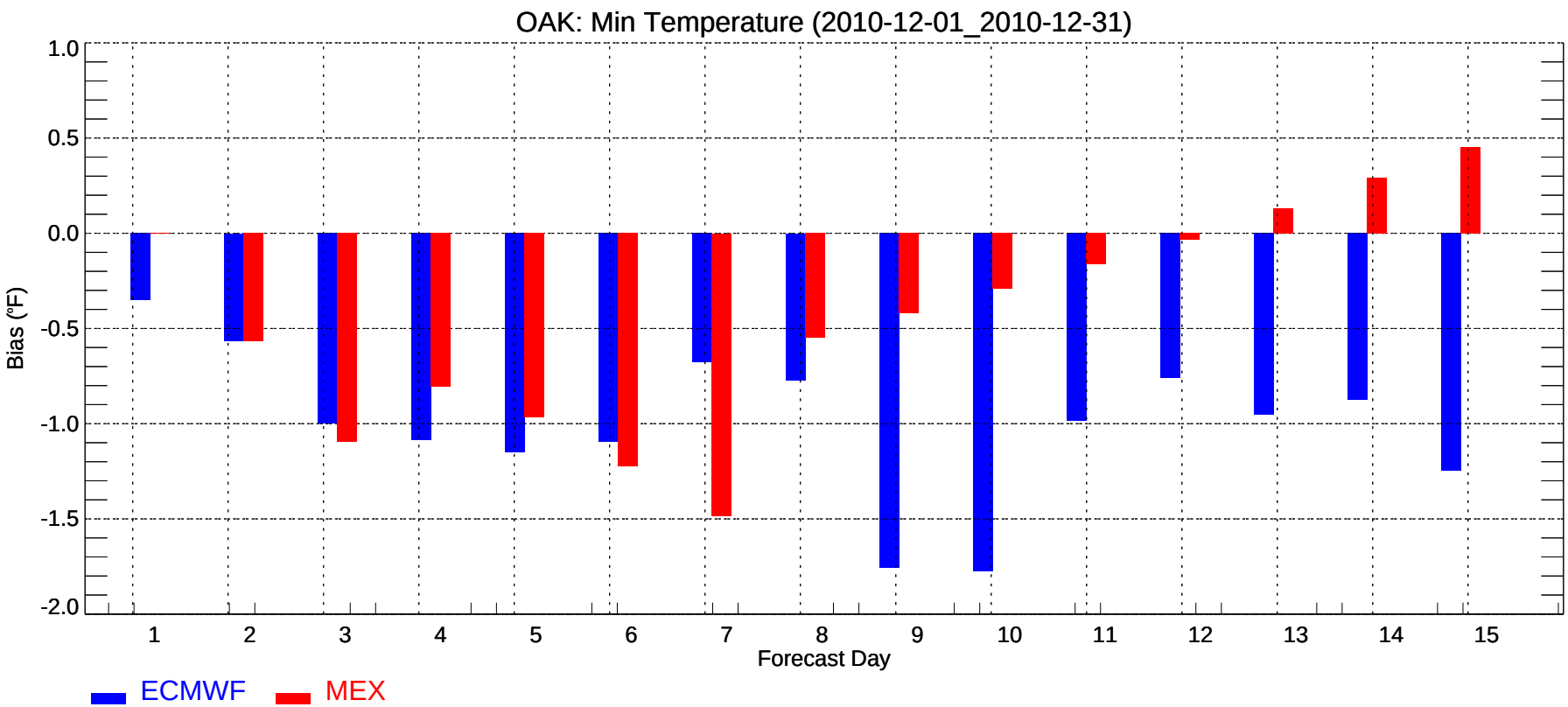

NTU: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

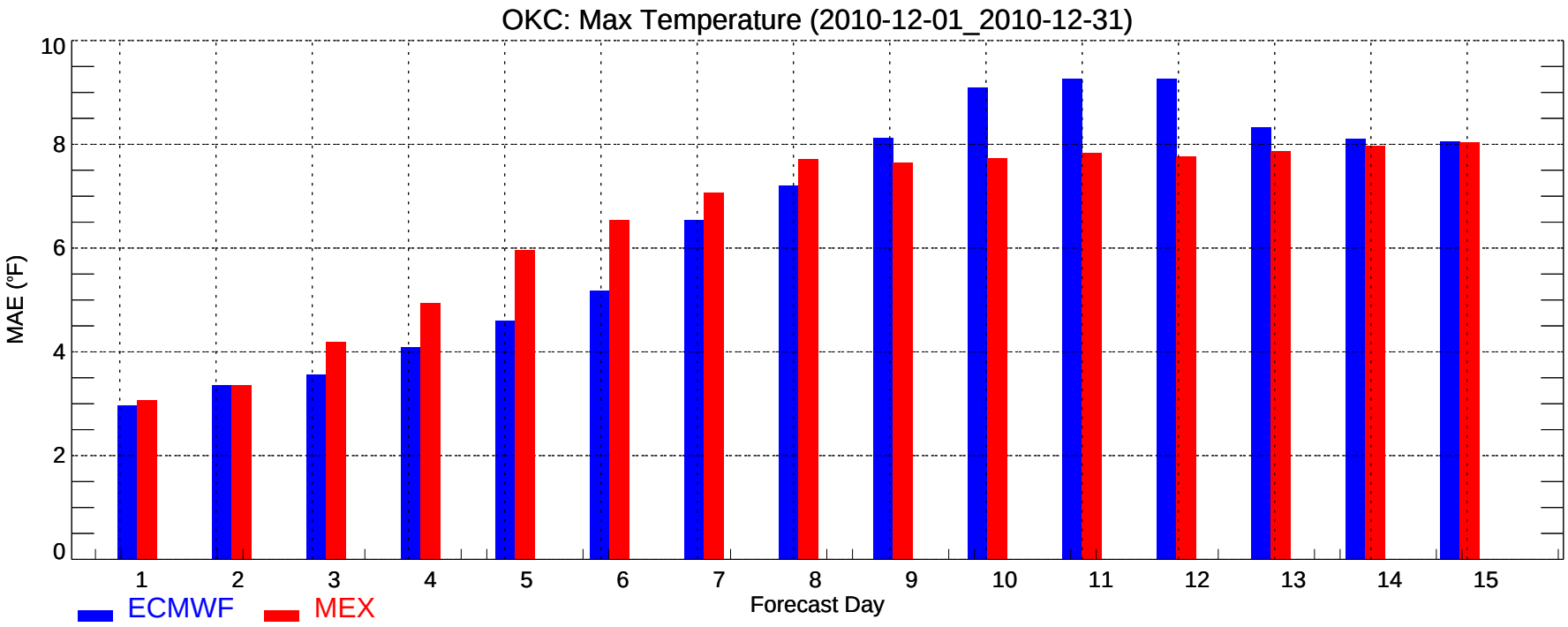

NTU: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
5
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

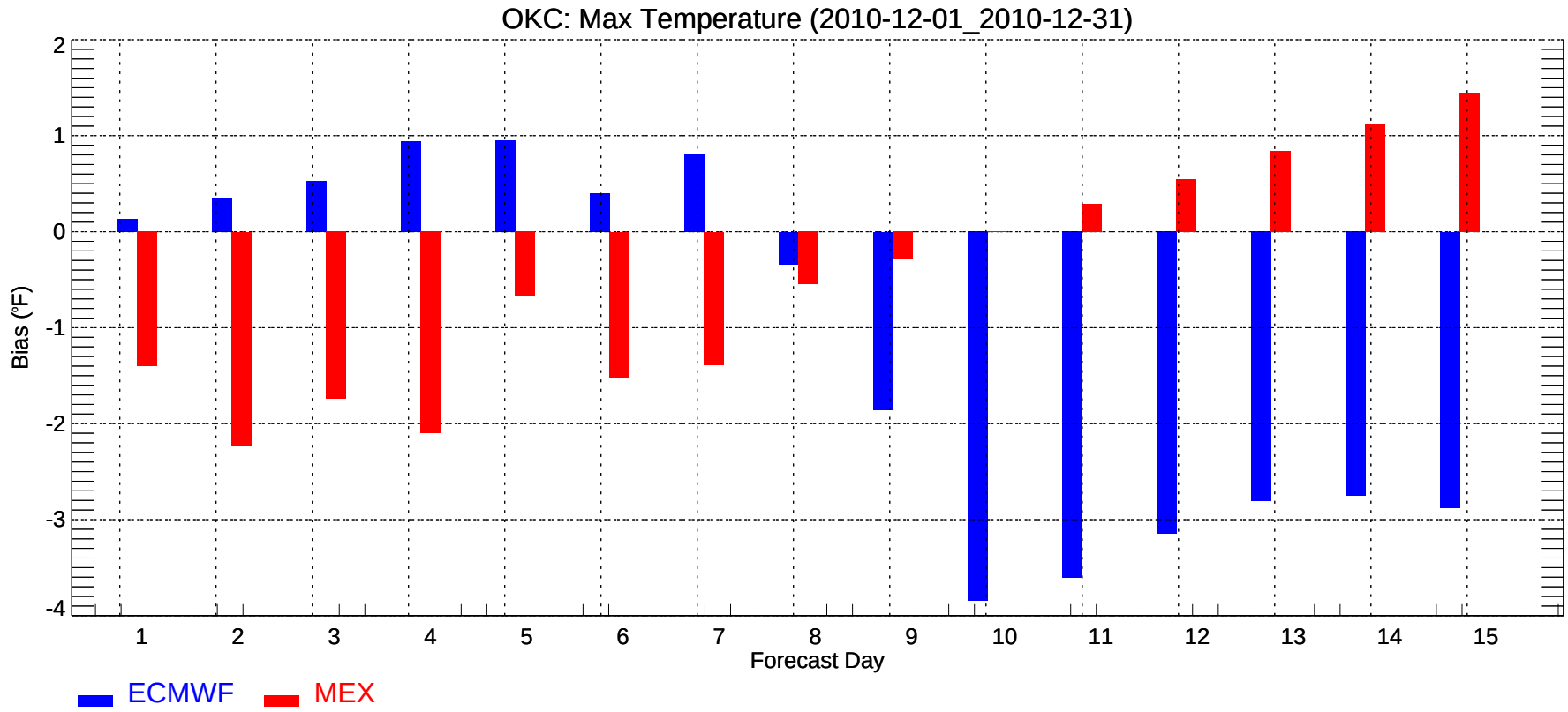

OAK: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

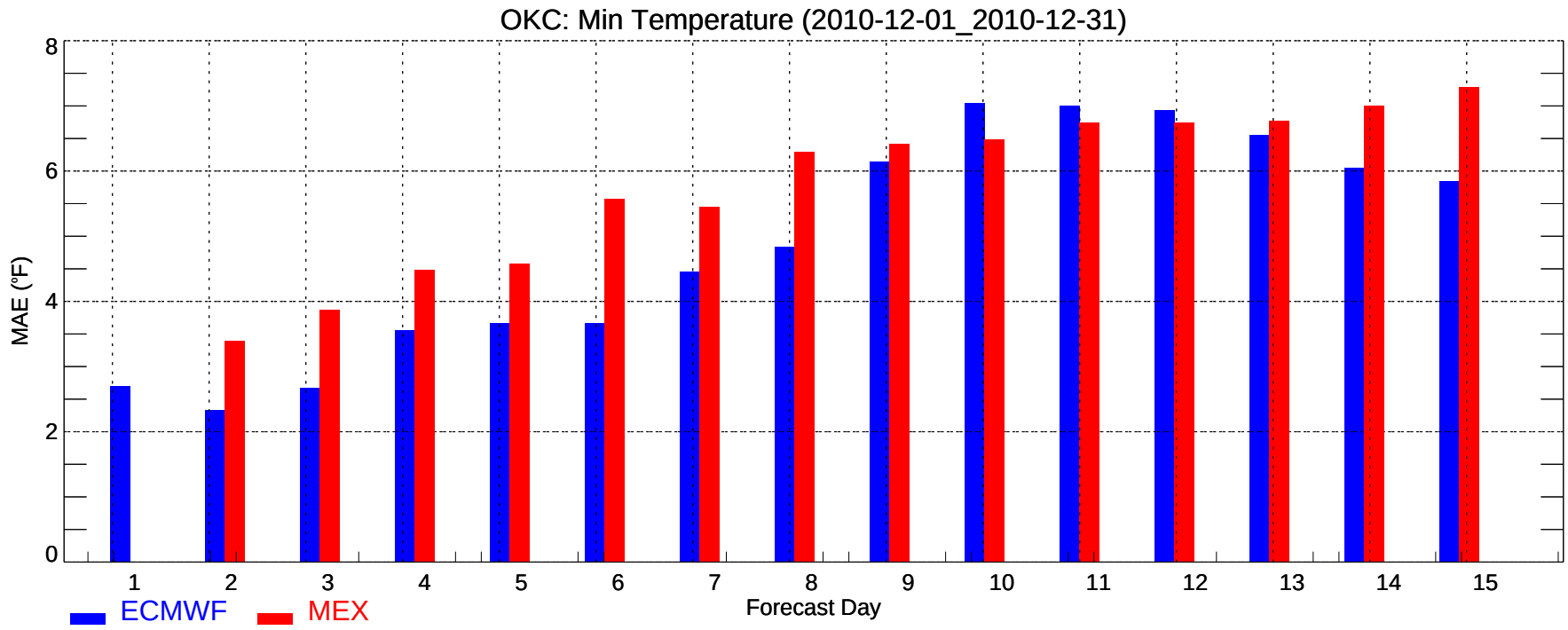

OAK: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

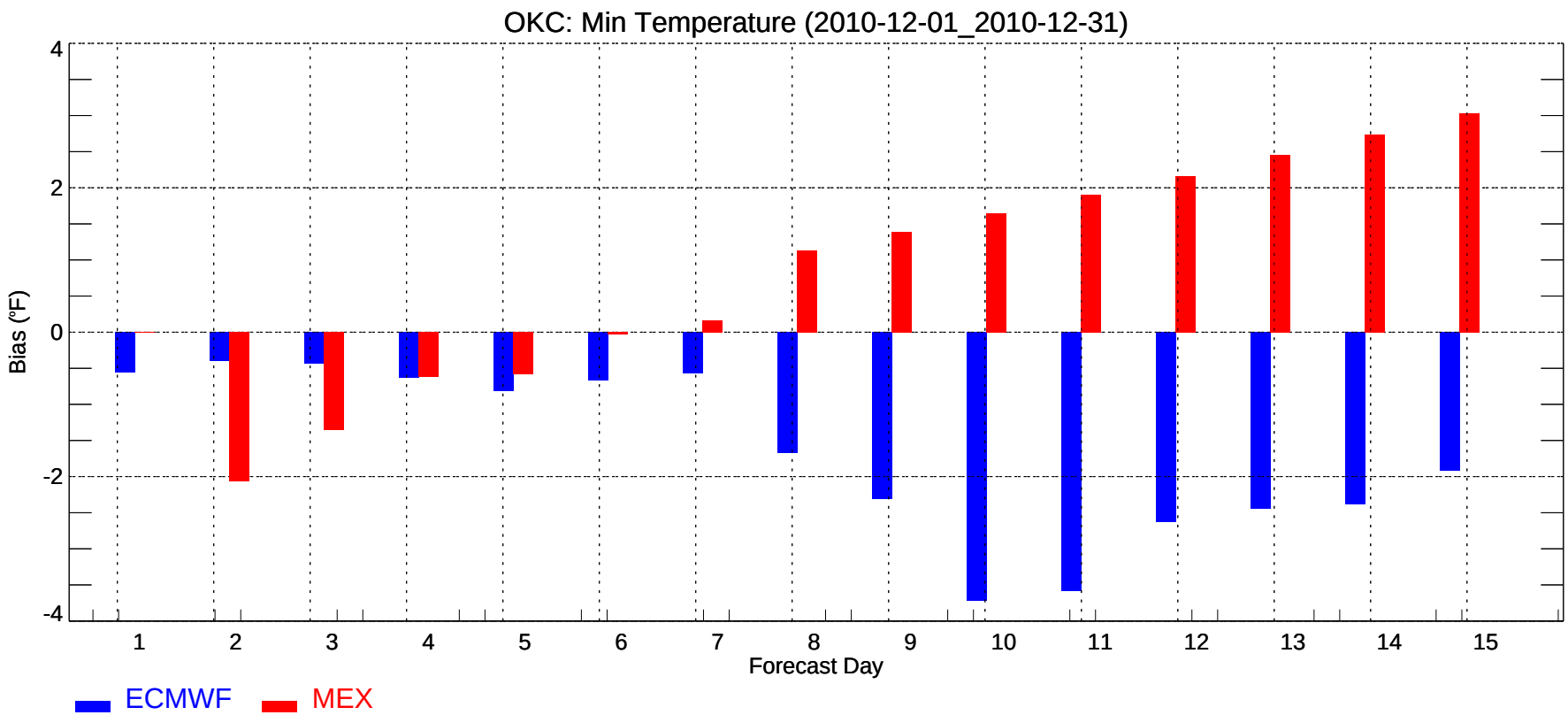

OAK: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

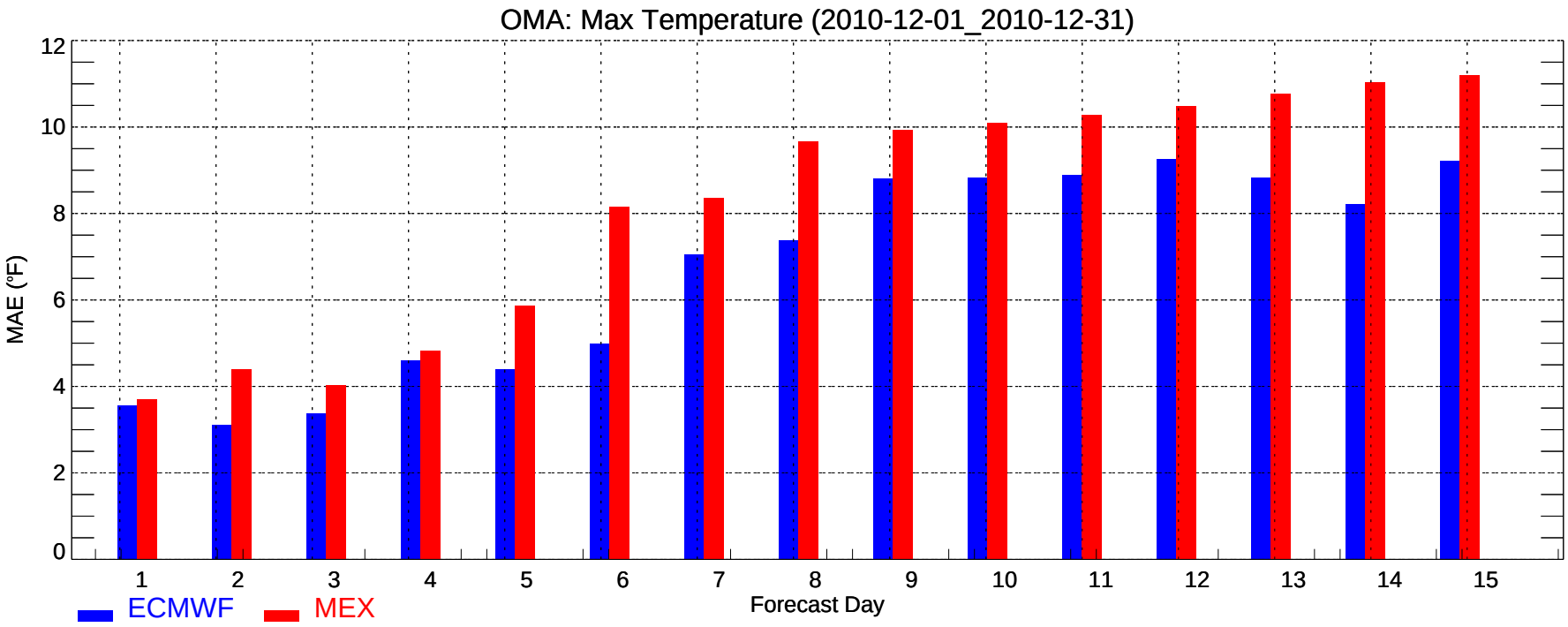

OAK: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

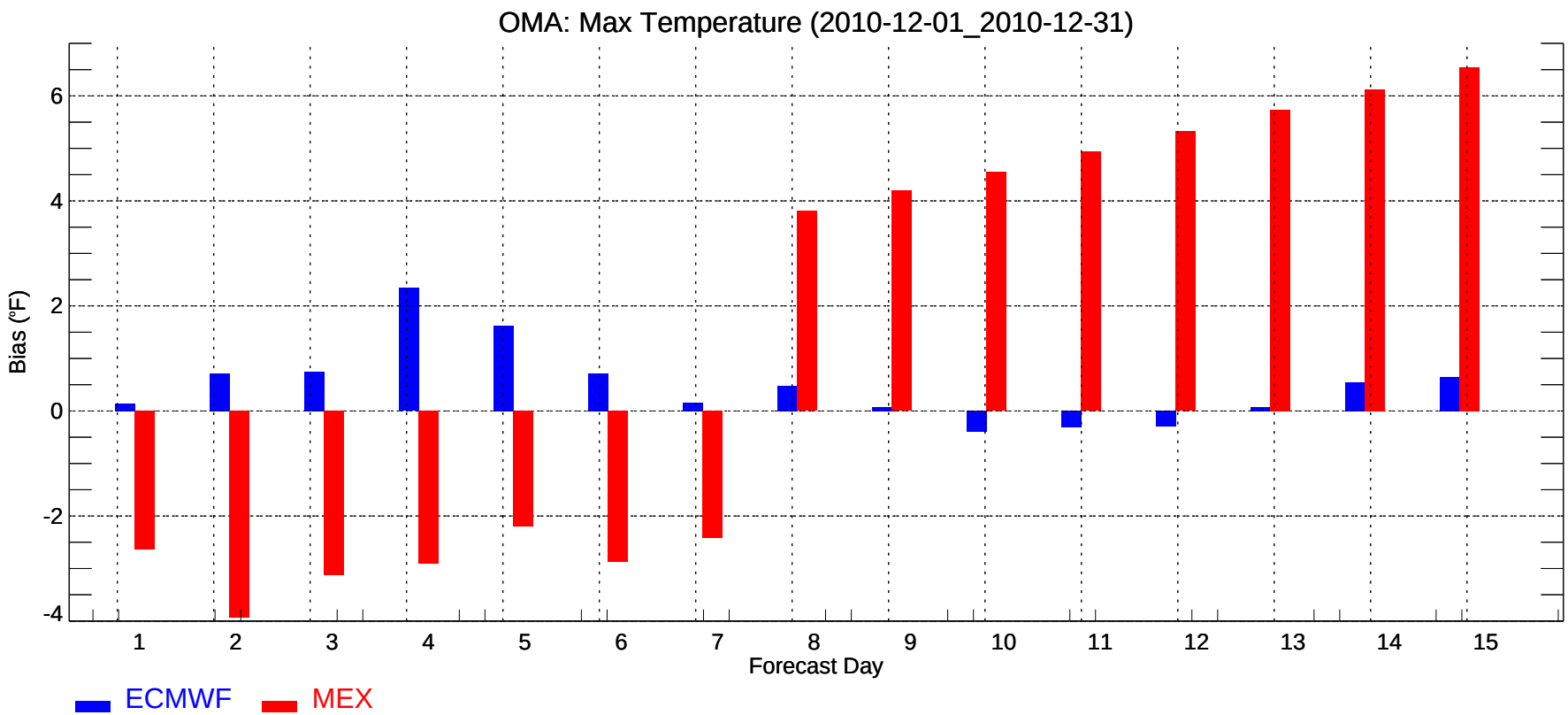

OKC: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

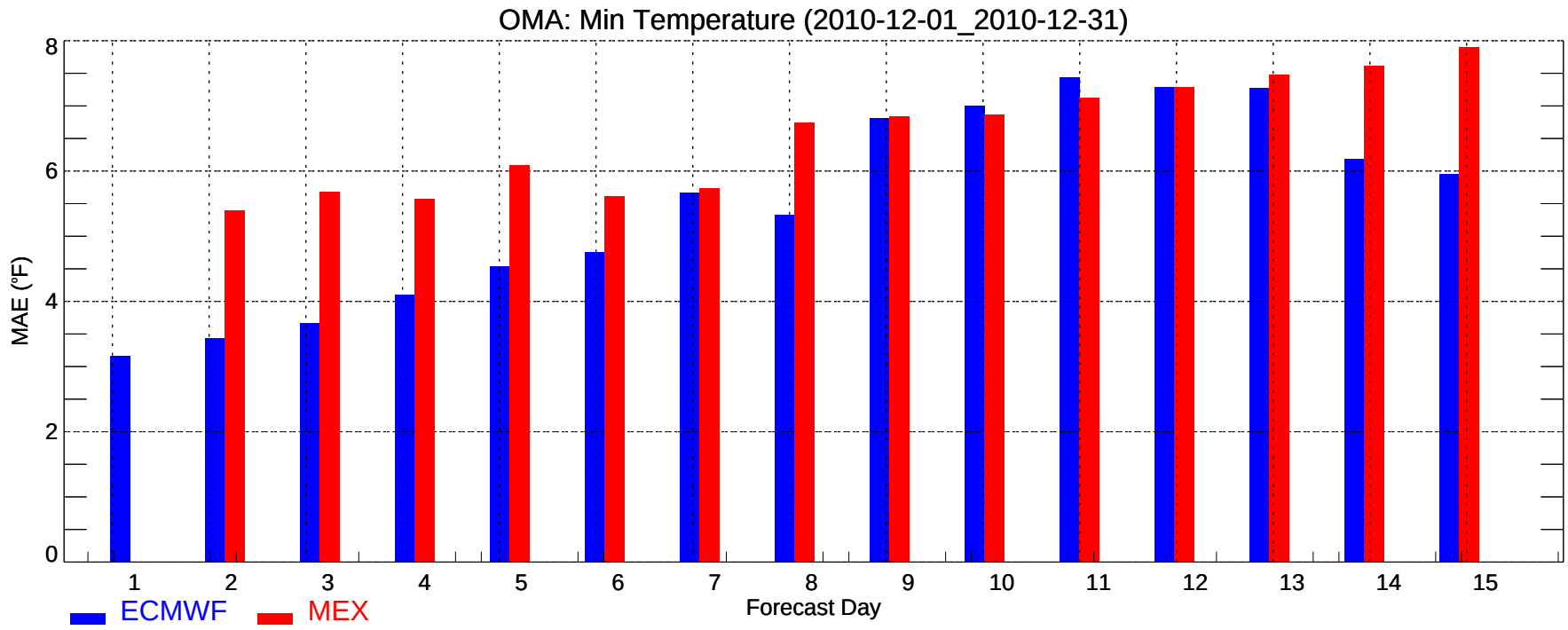

OKC: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

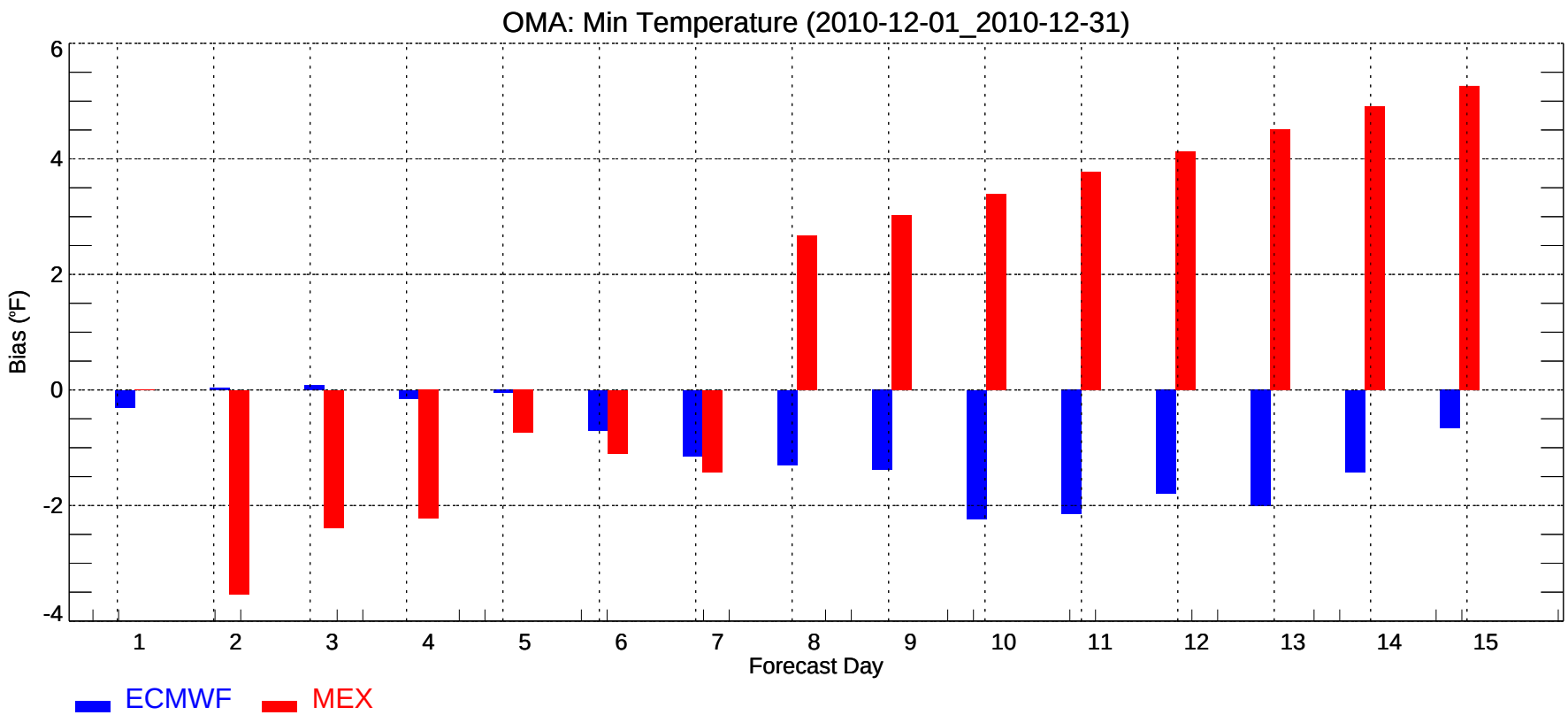

OKC: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

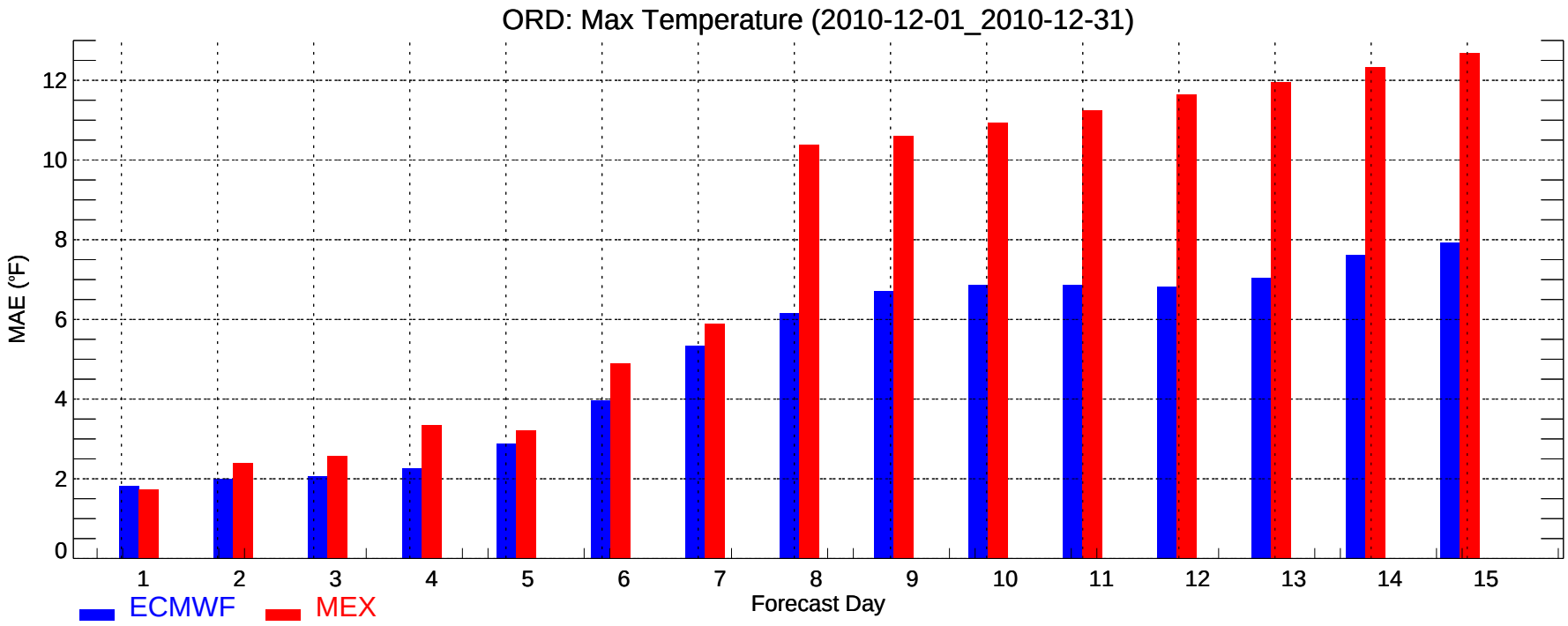

OKC: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

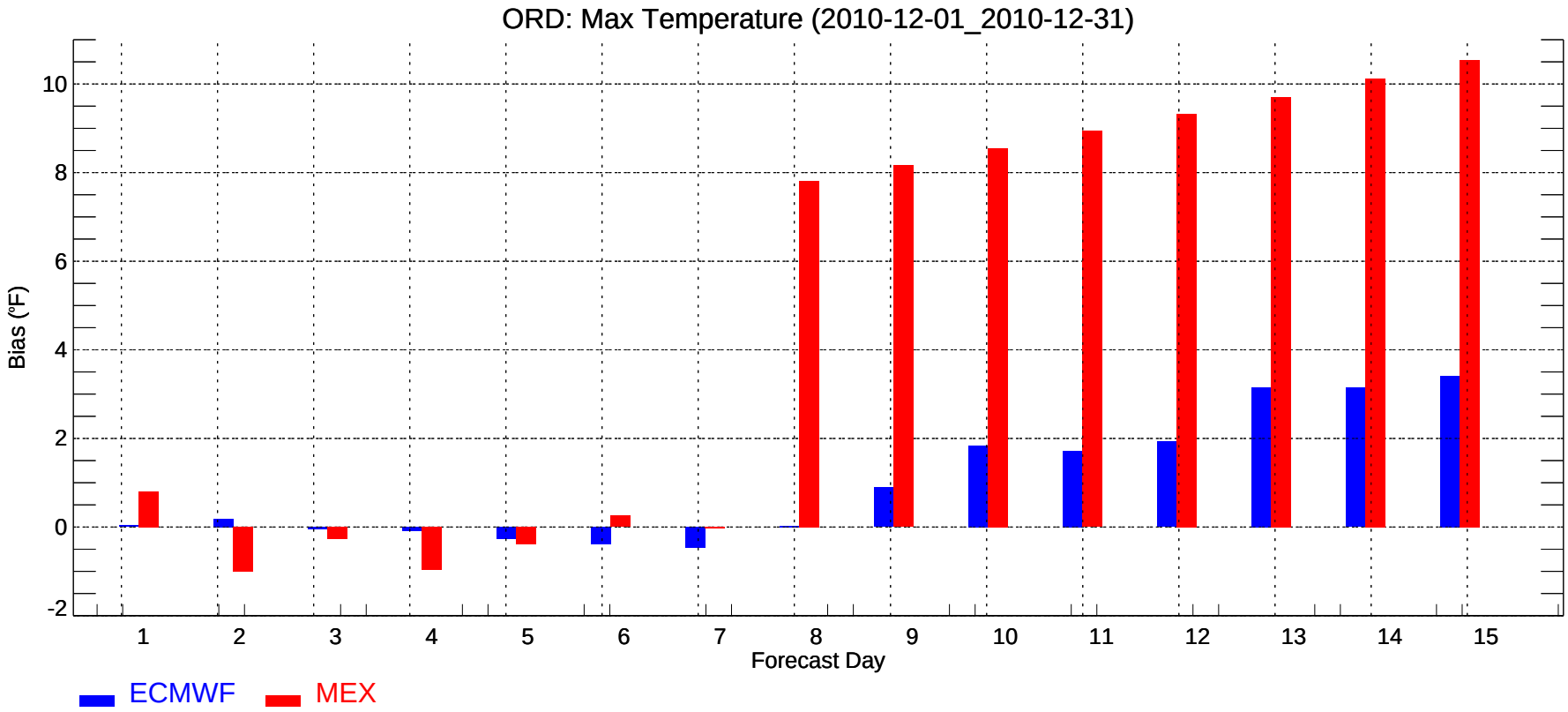

OMA: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

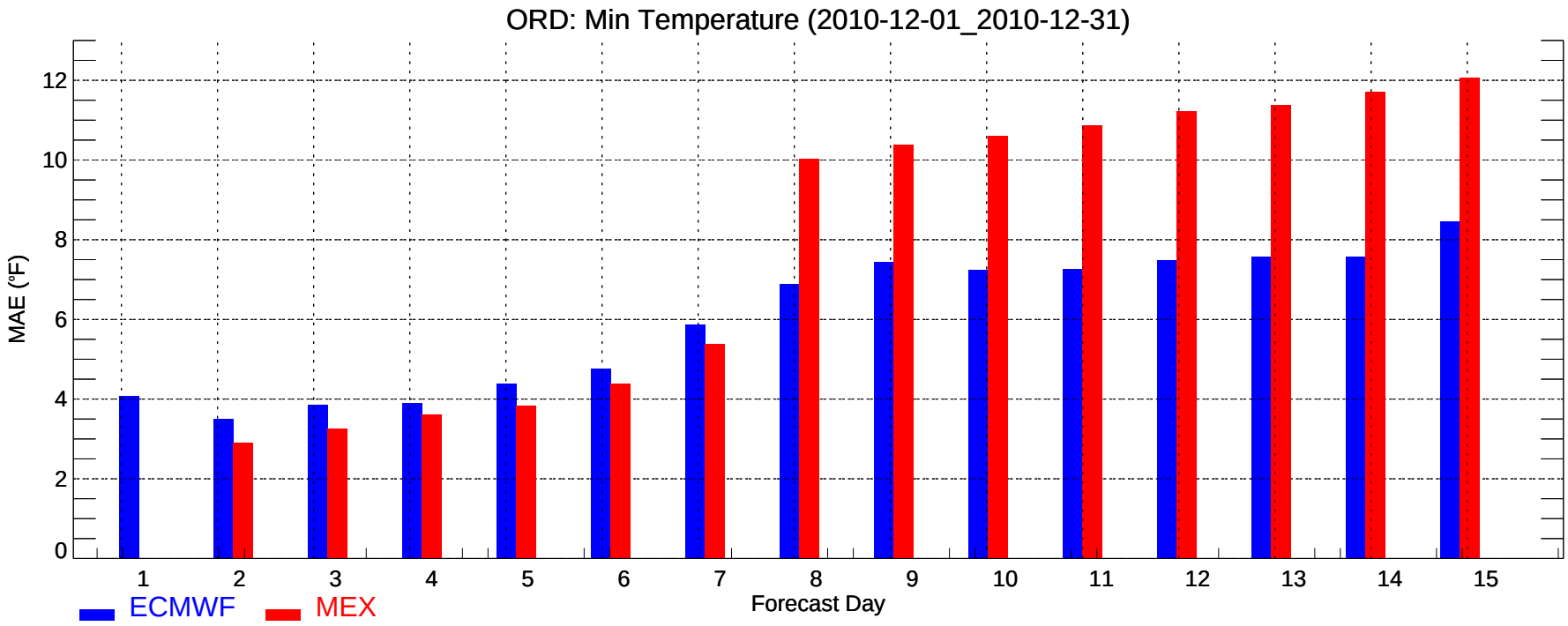

OMA: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

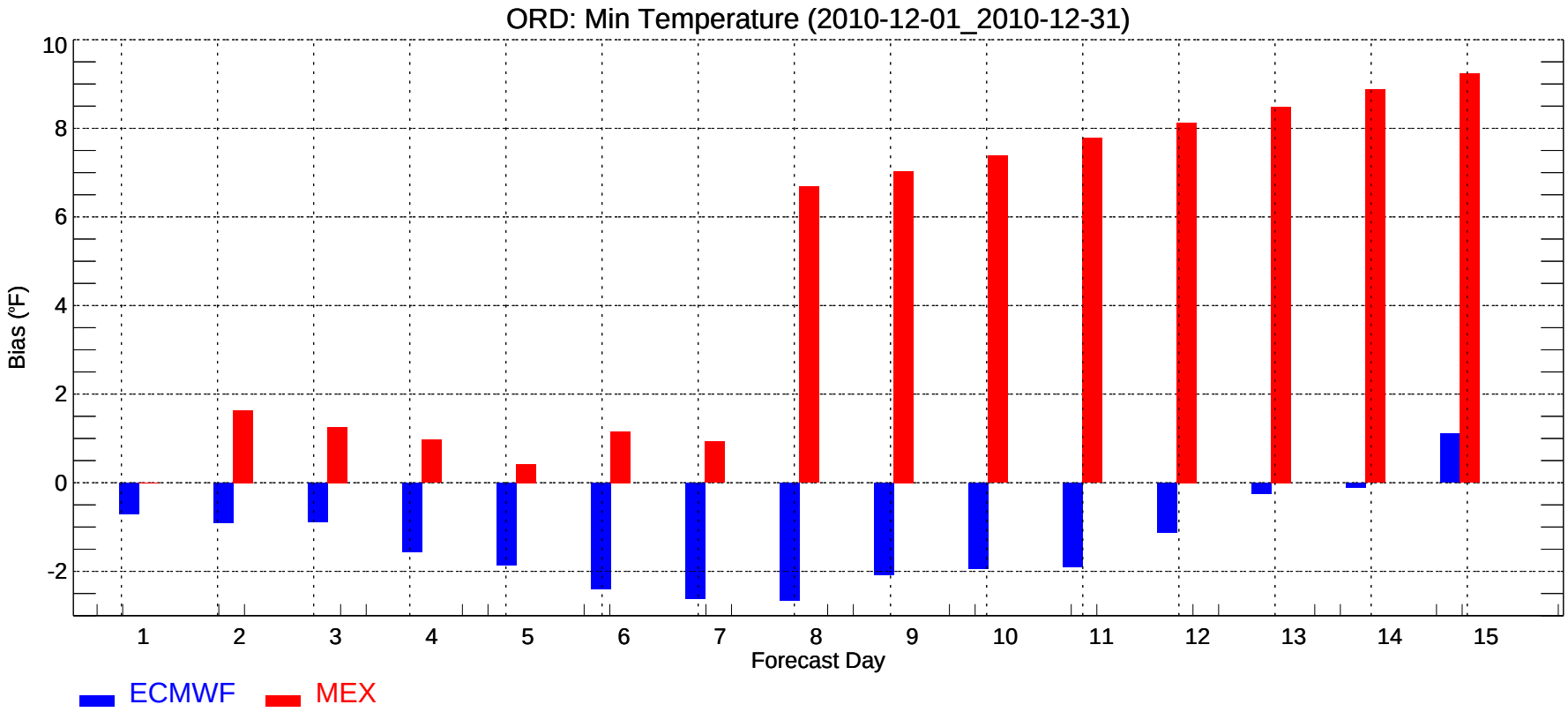

OMA: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

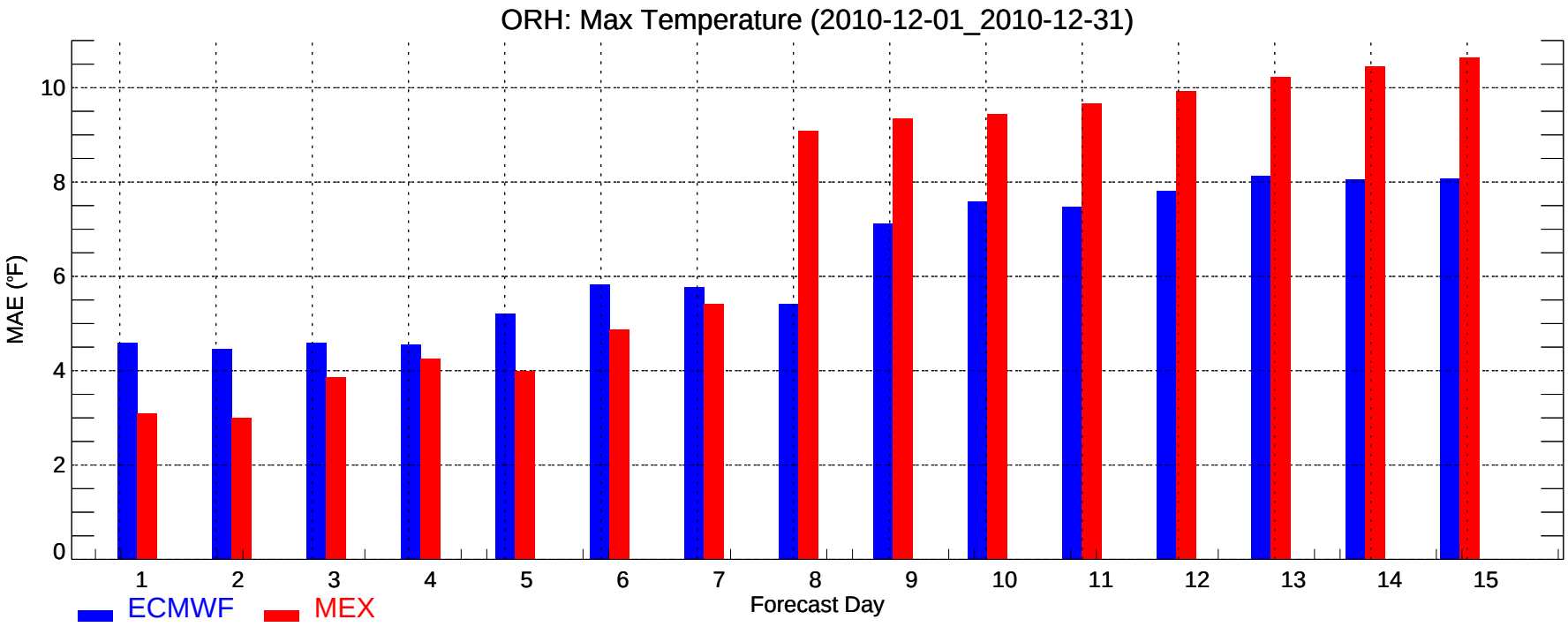

OMA: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

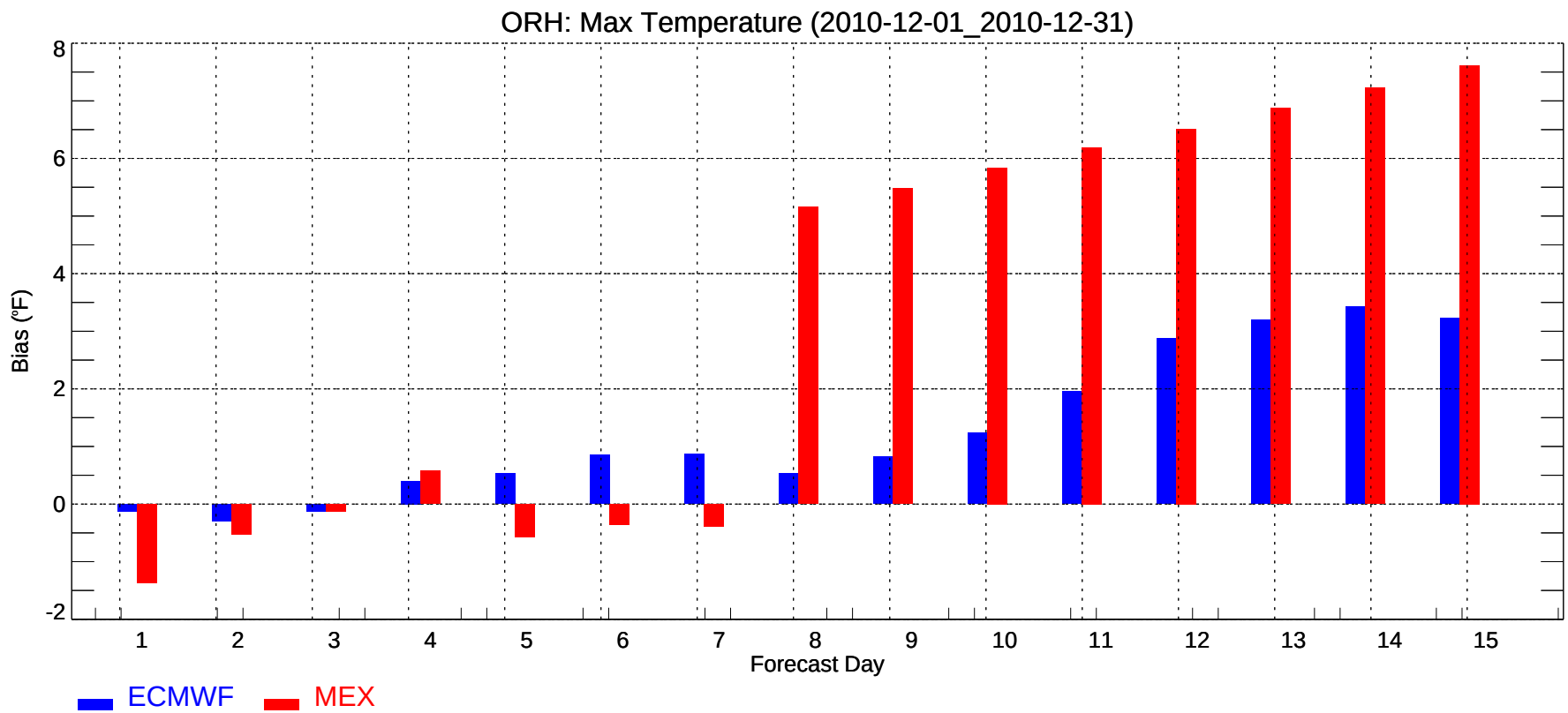

ORD: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

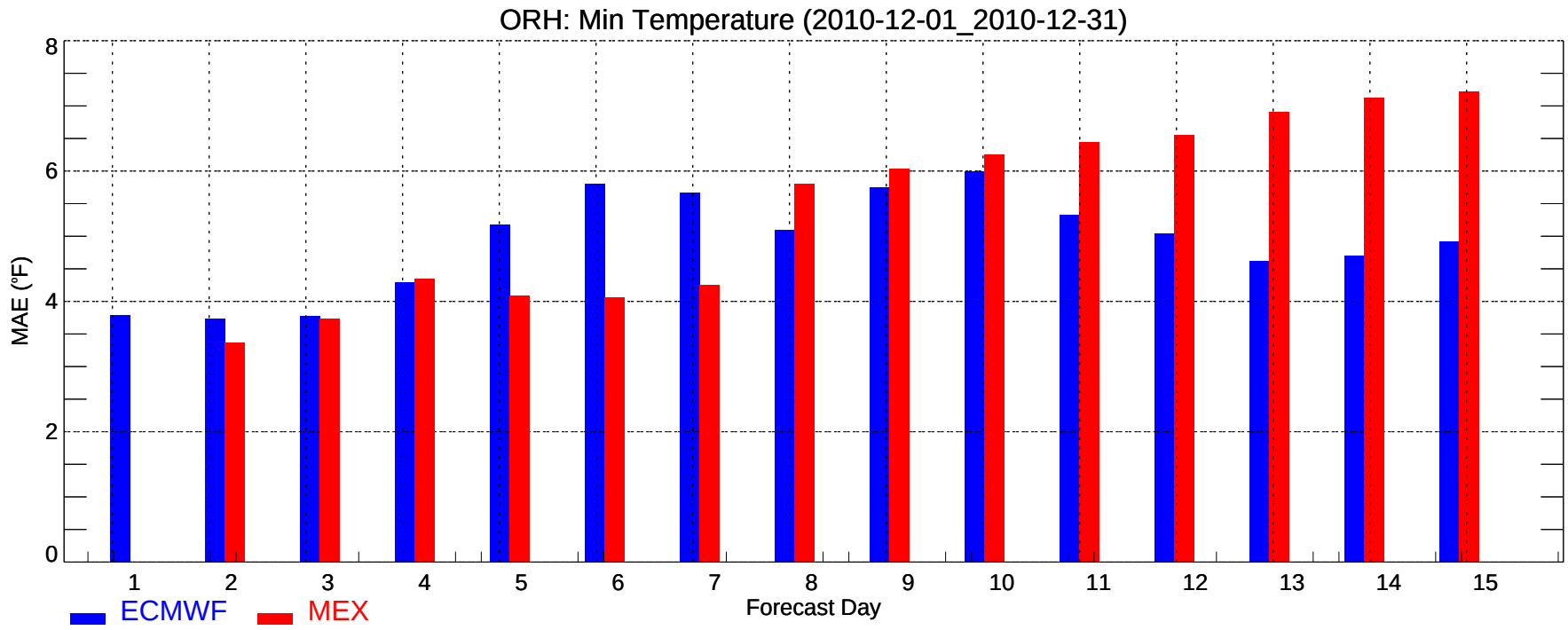

ORD: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

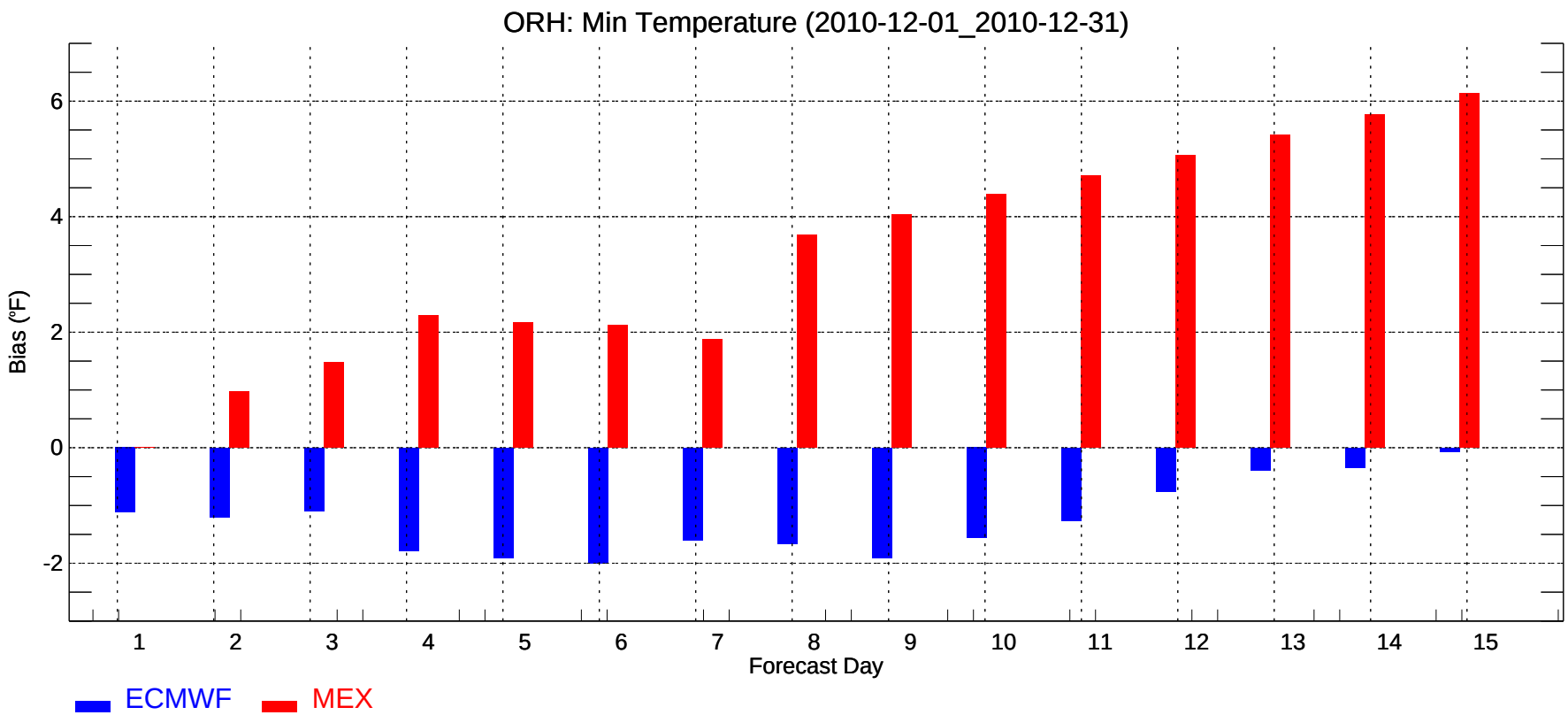

ORD: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

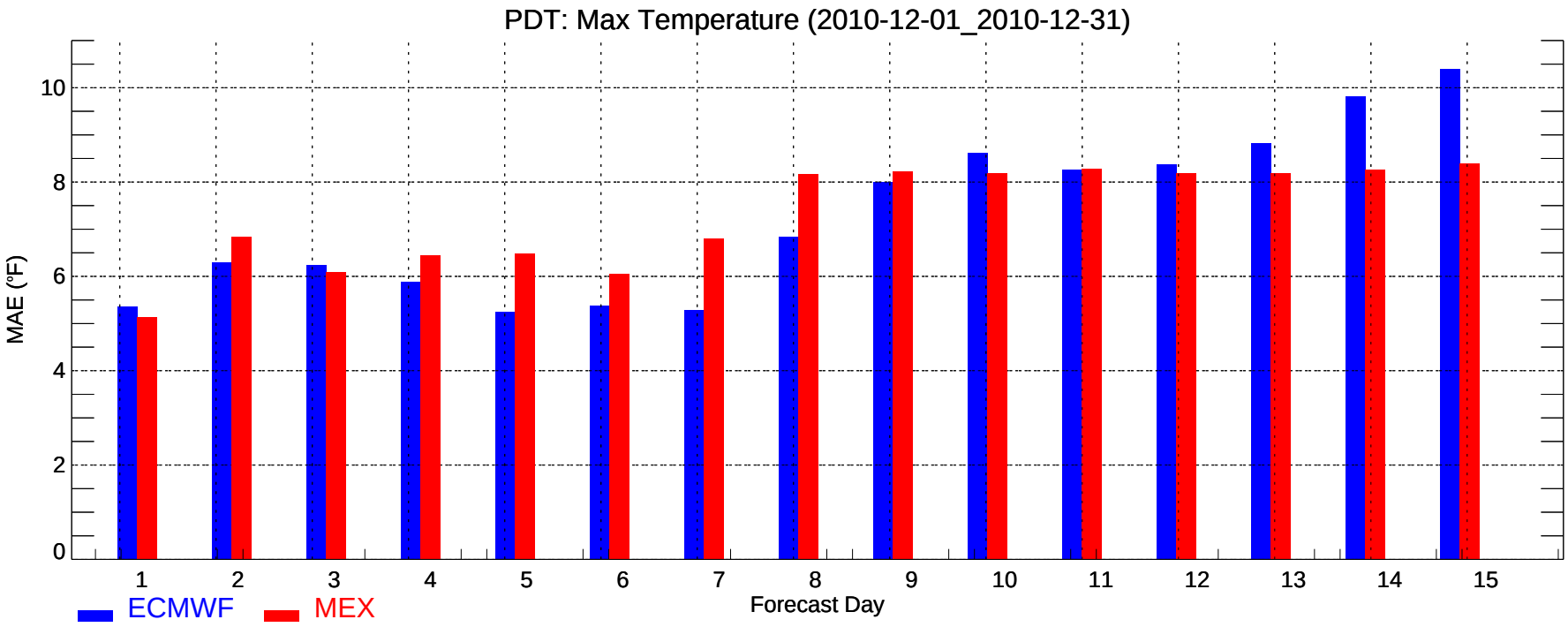

ORD: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

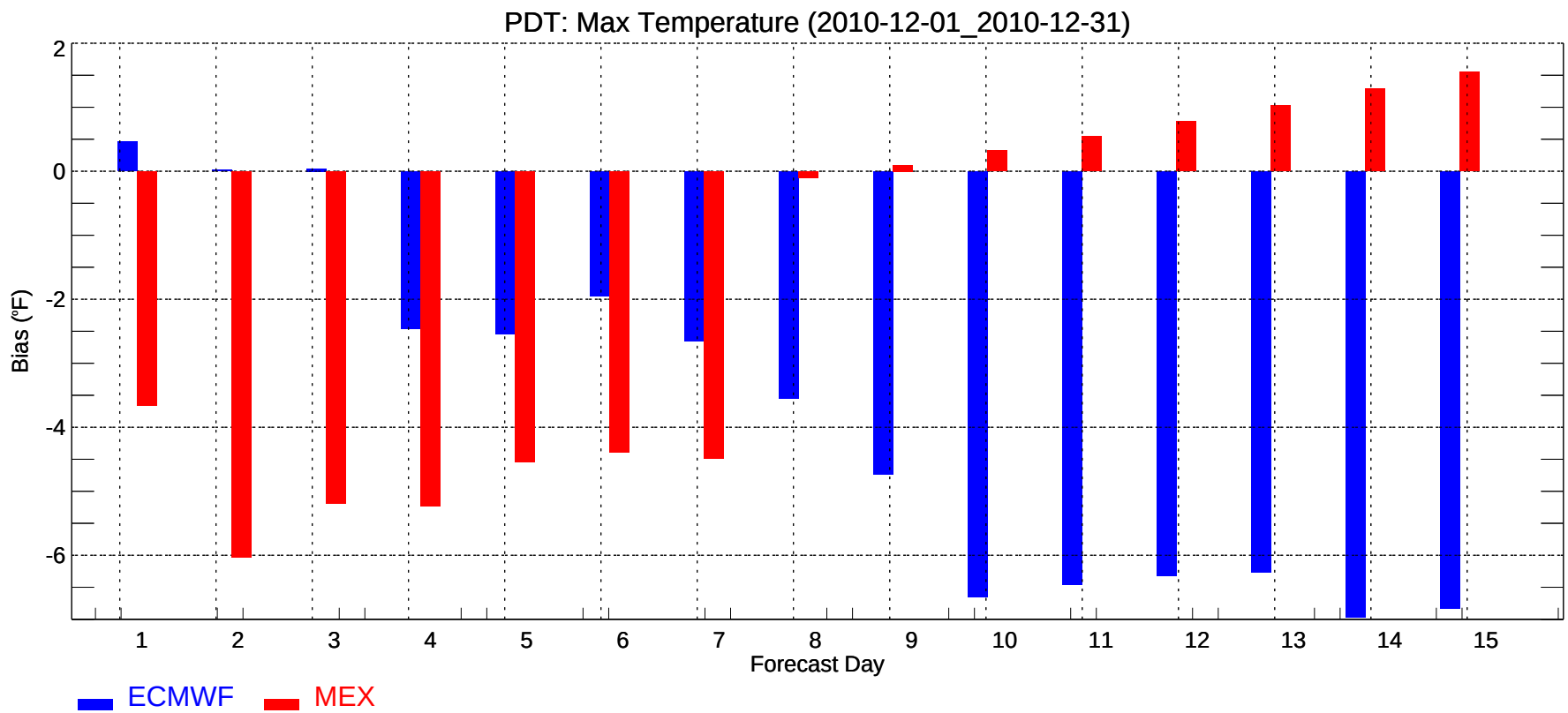

ORH: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

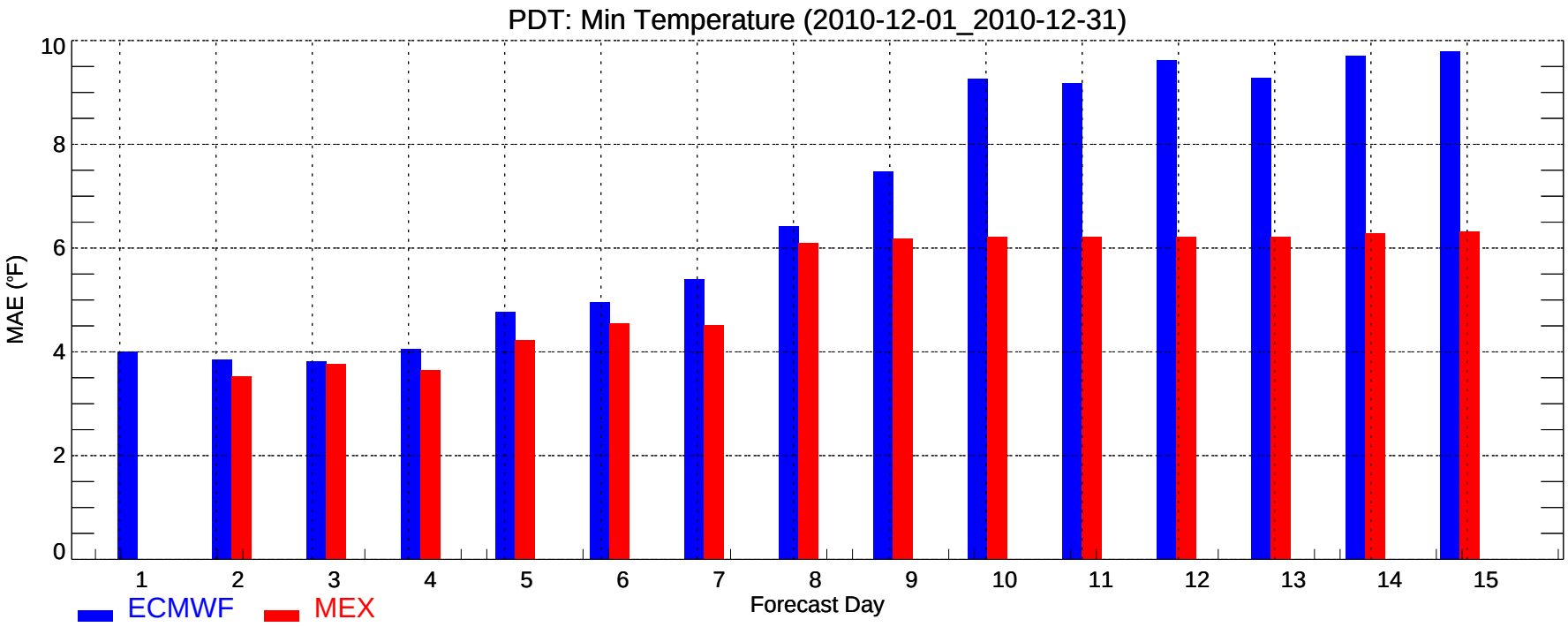

ORH: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

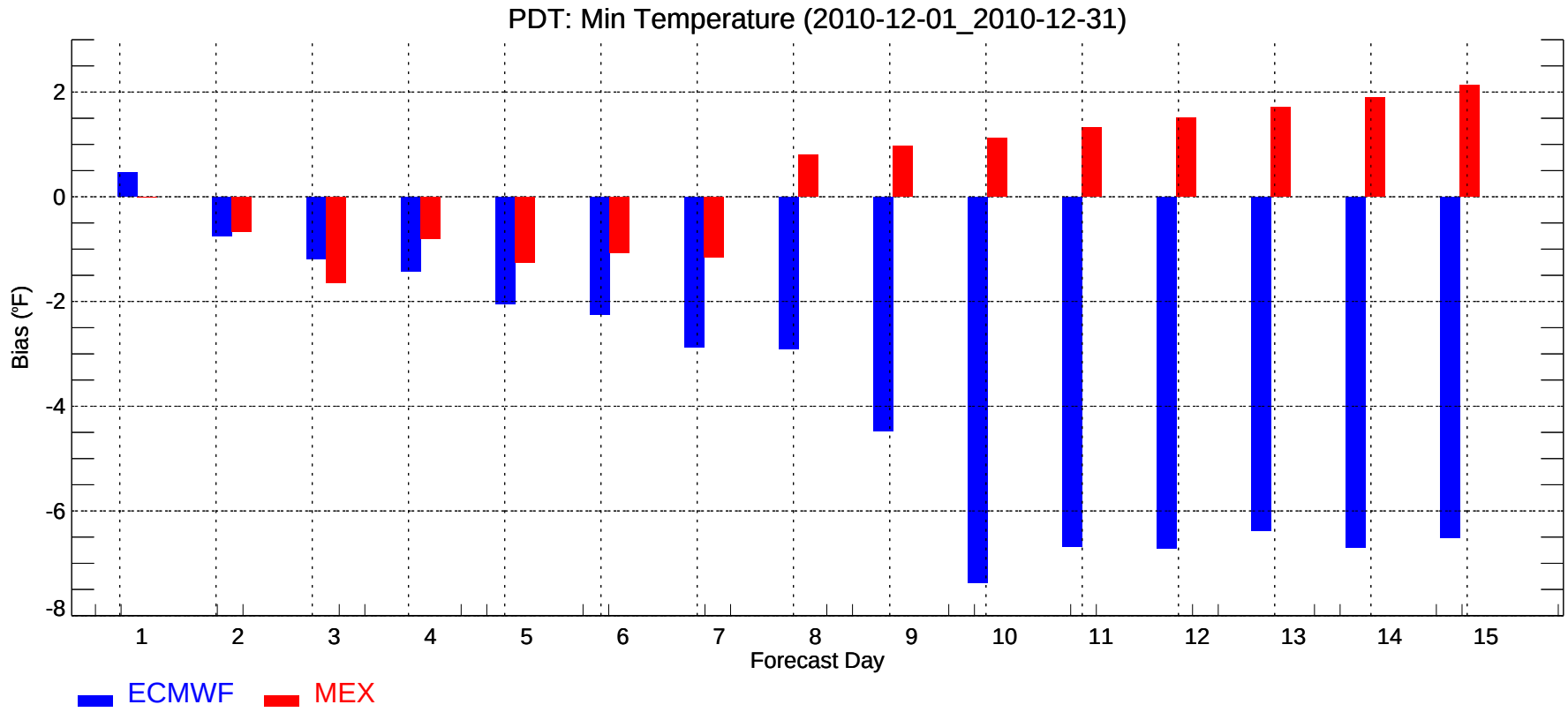

ORH: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

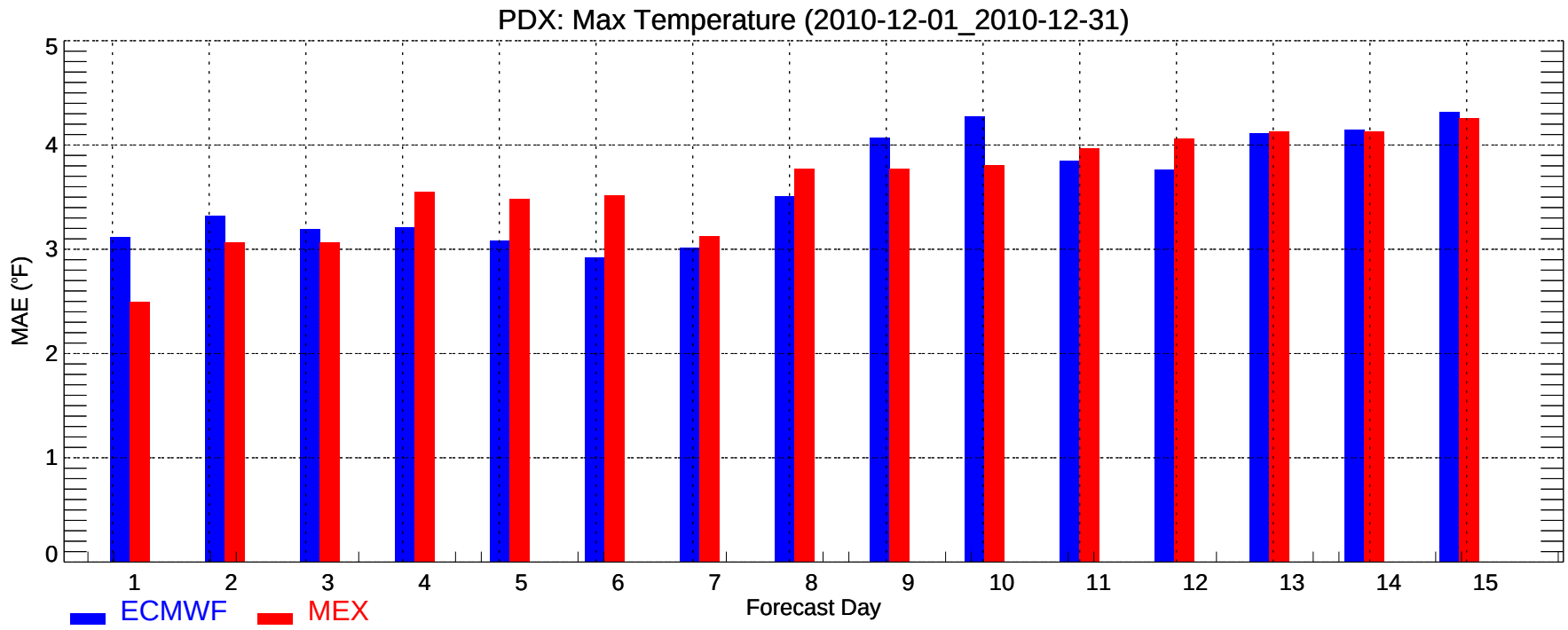

ORH: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

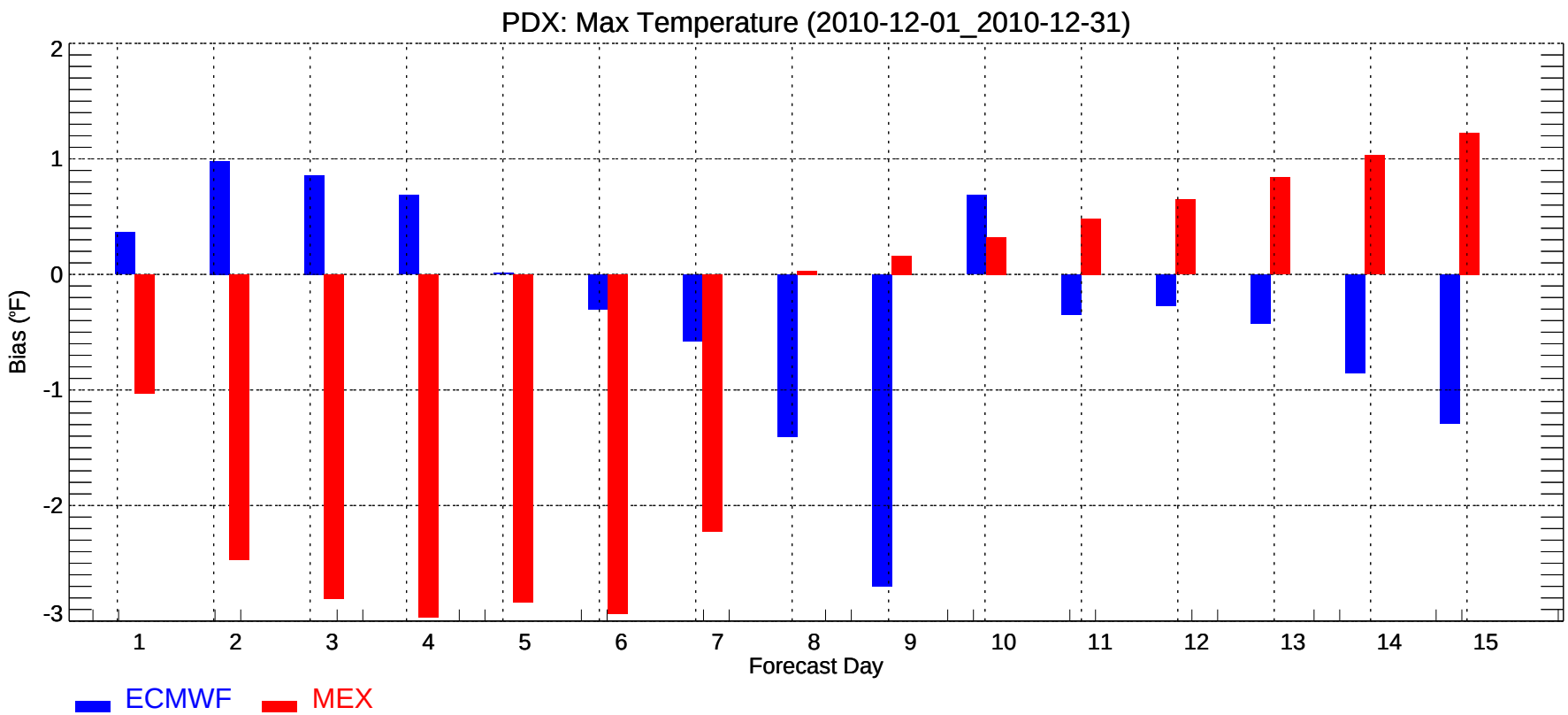

PDT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

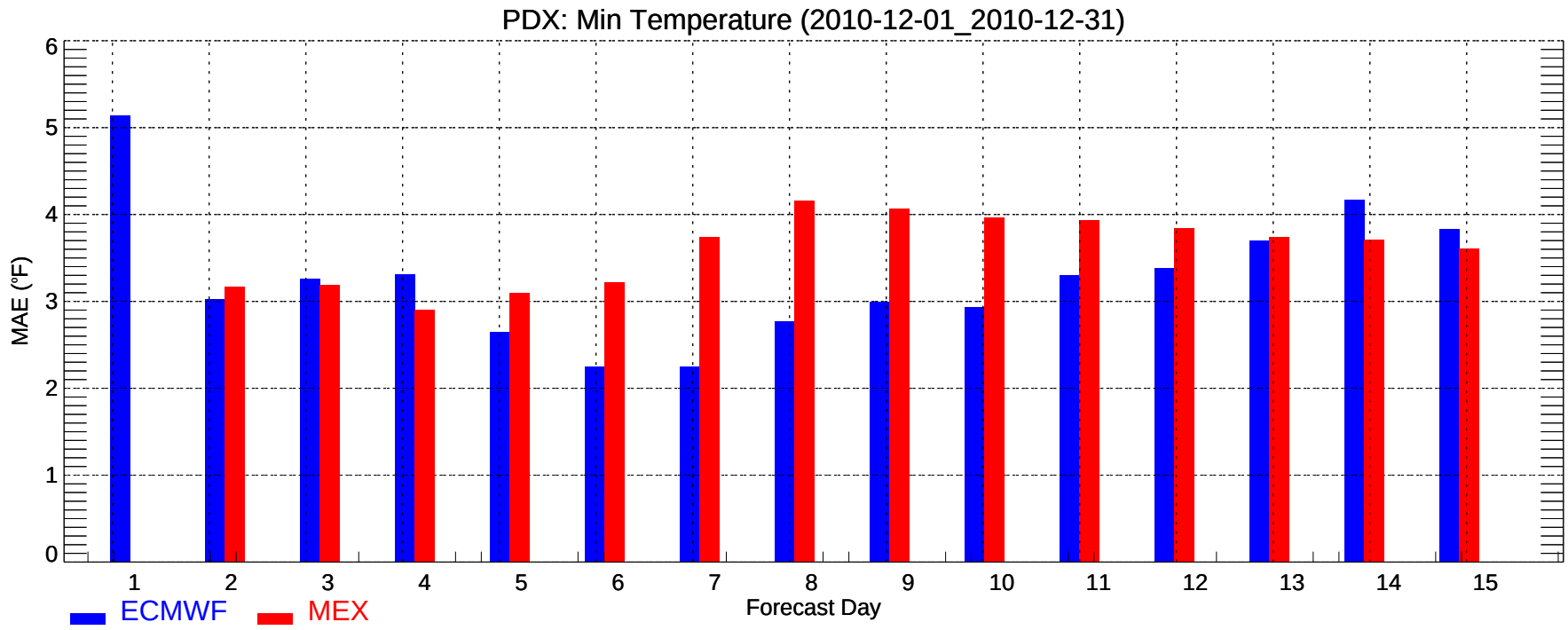

PDT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

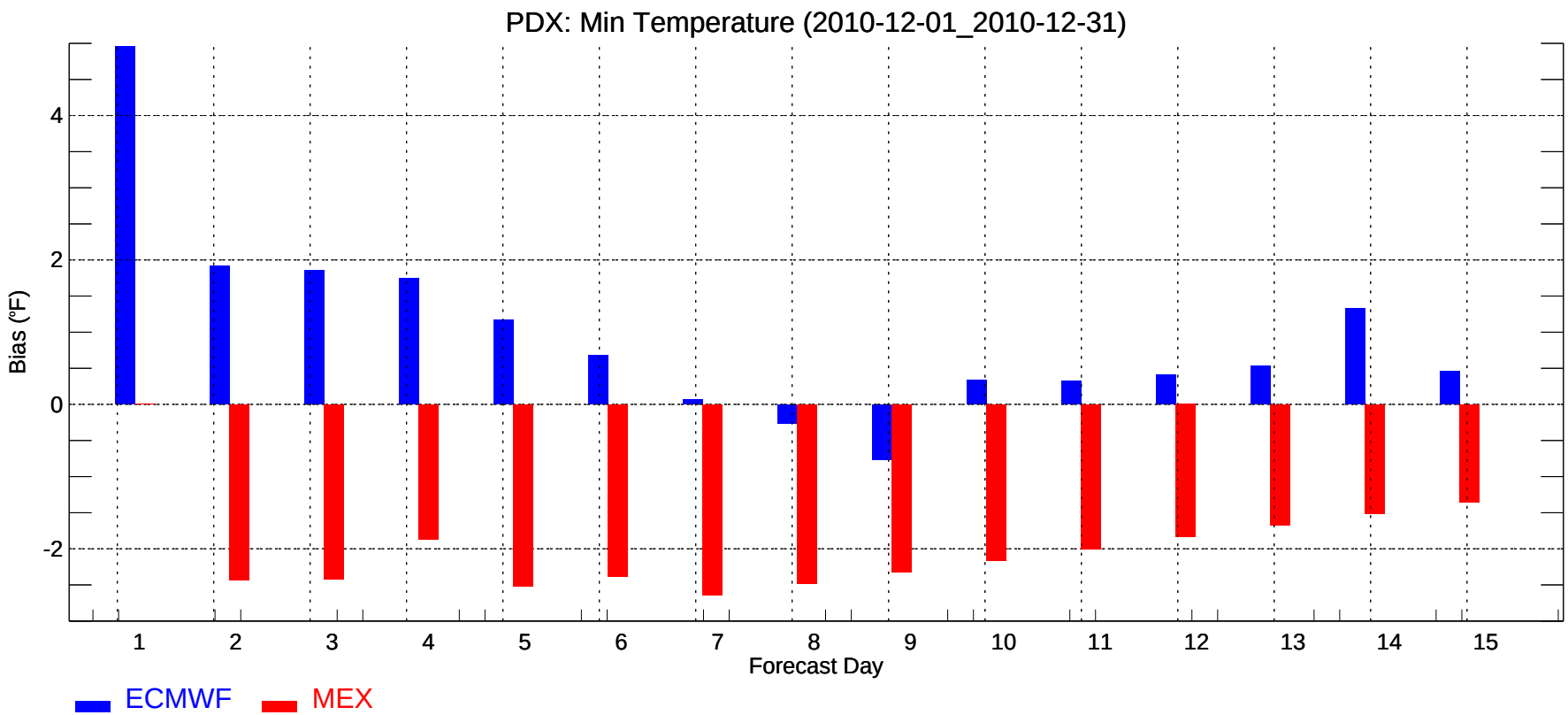

PDT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

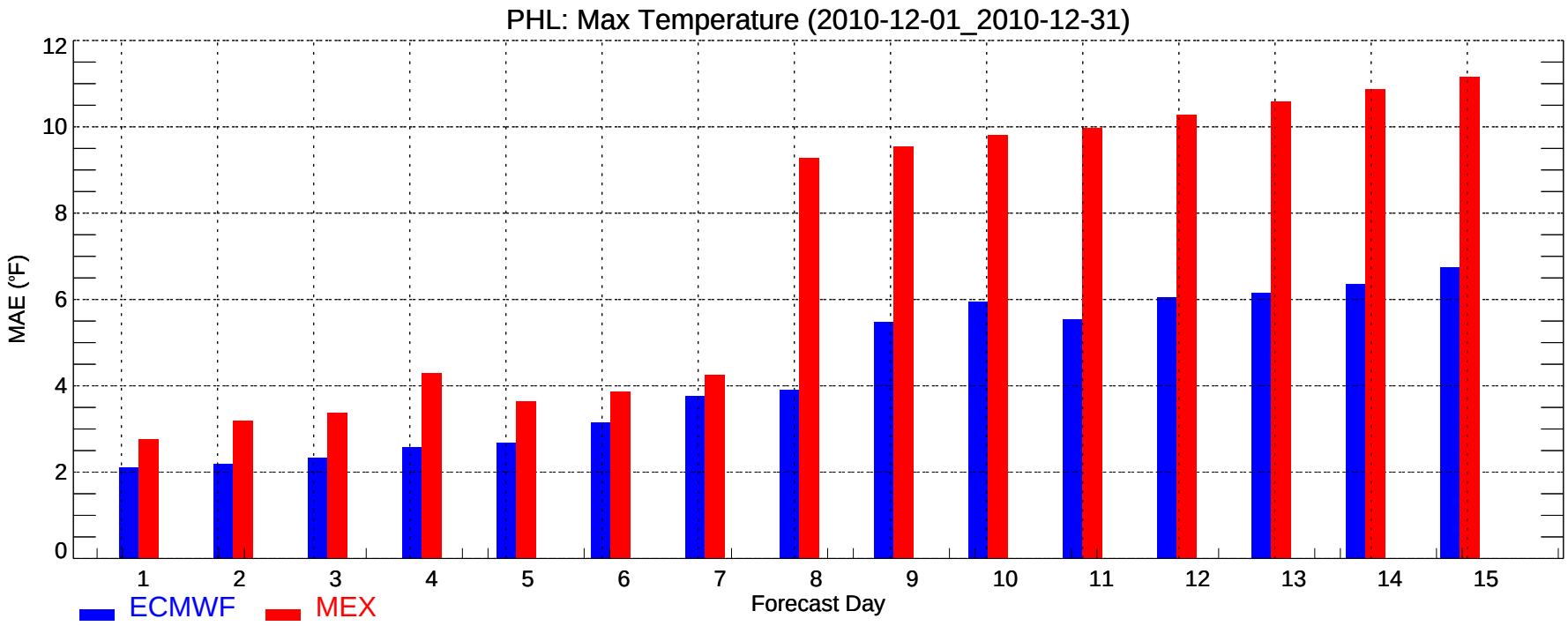

PDT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

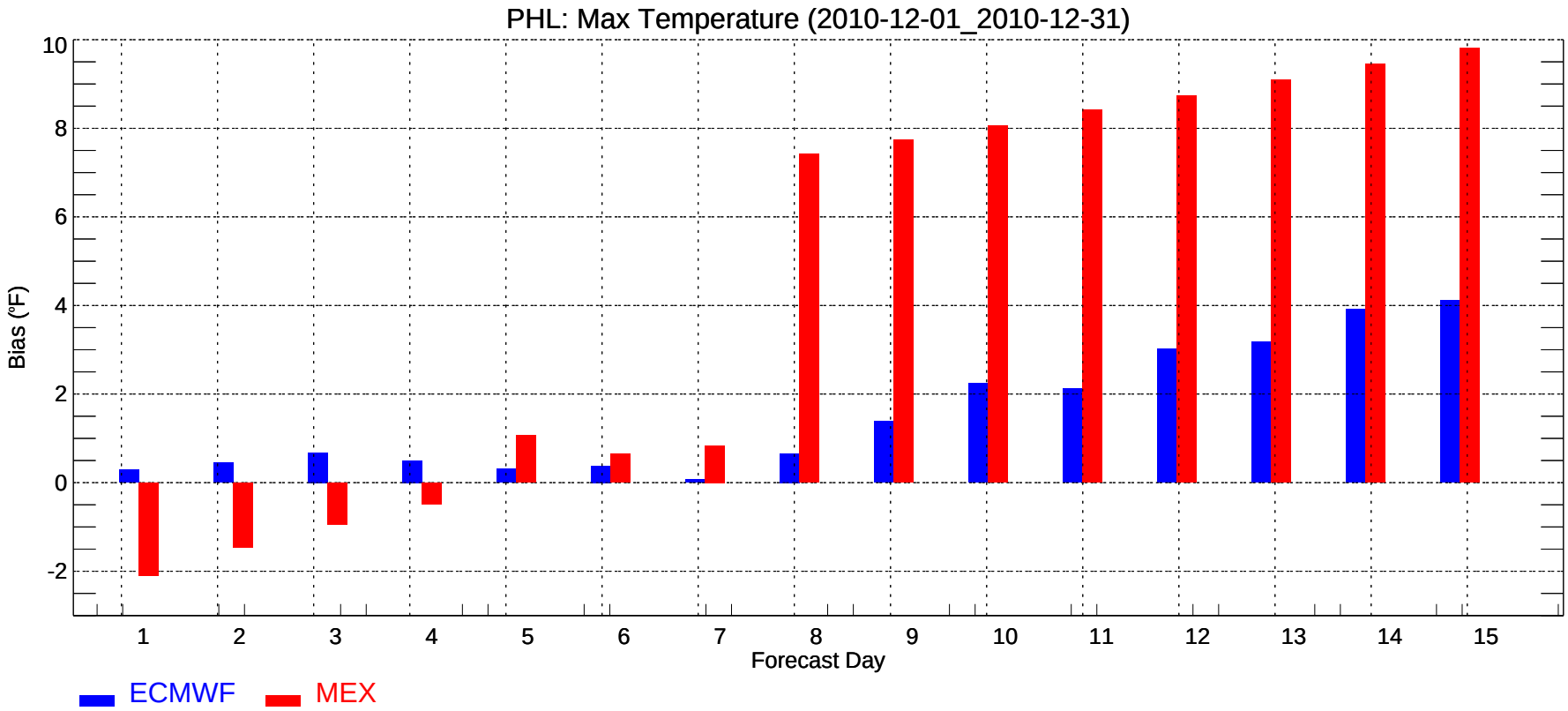

PDX: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

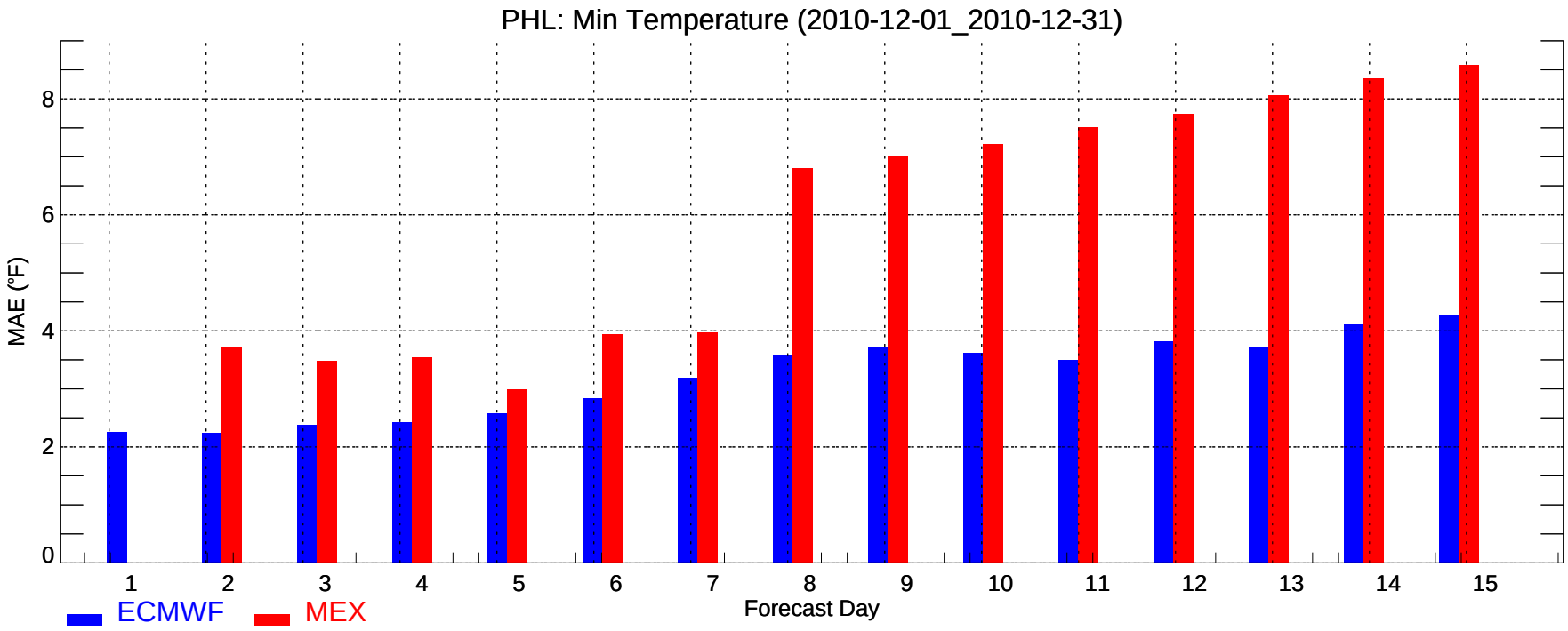

PDX: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

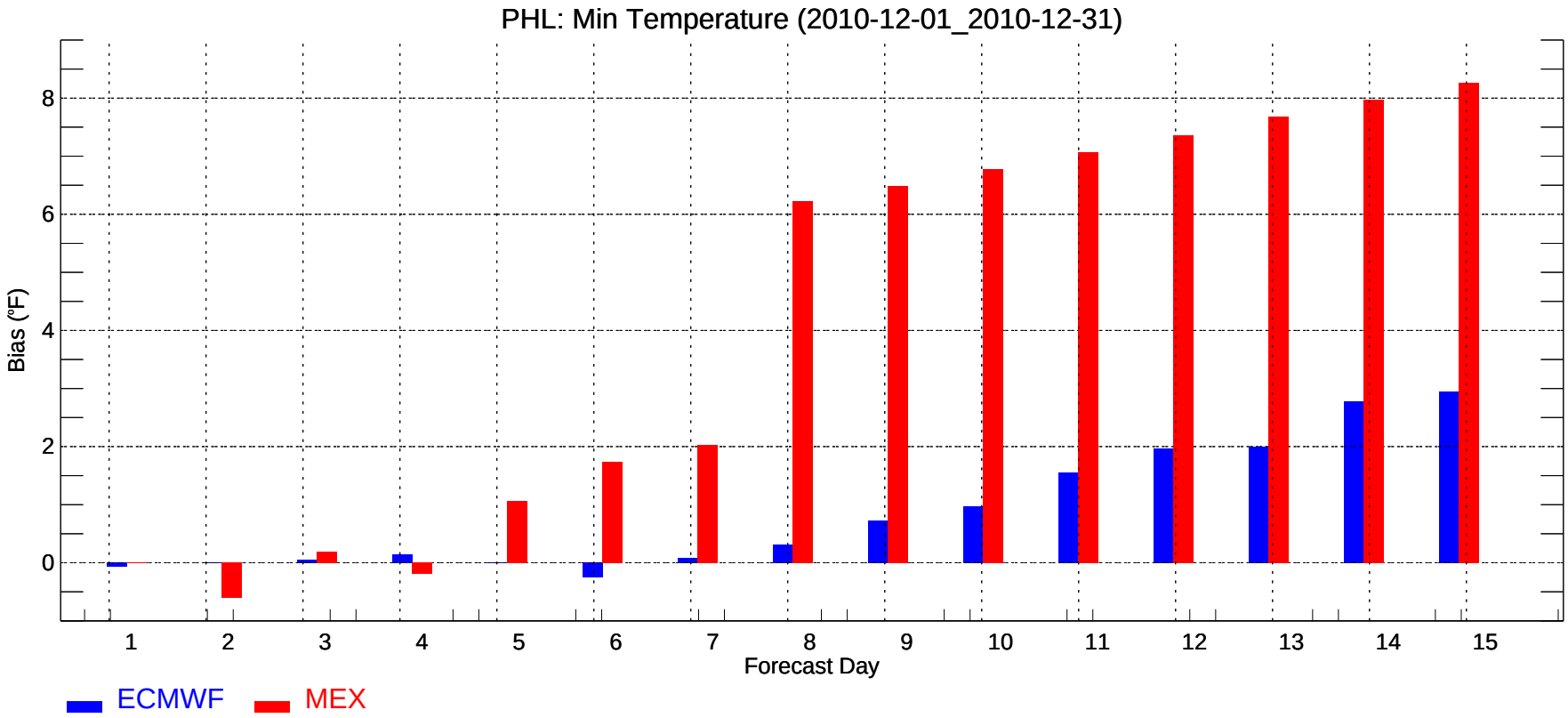

PDX: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

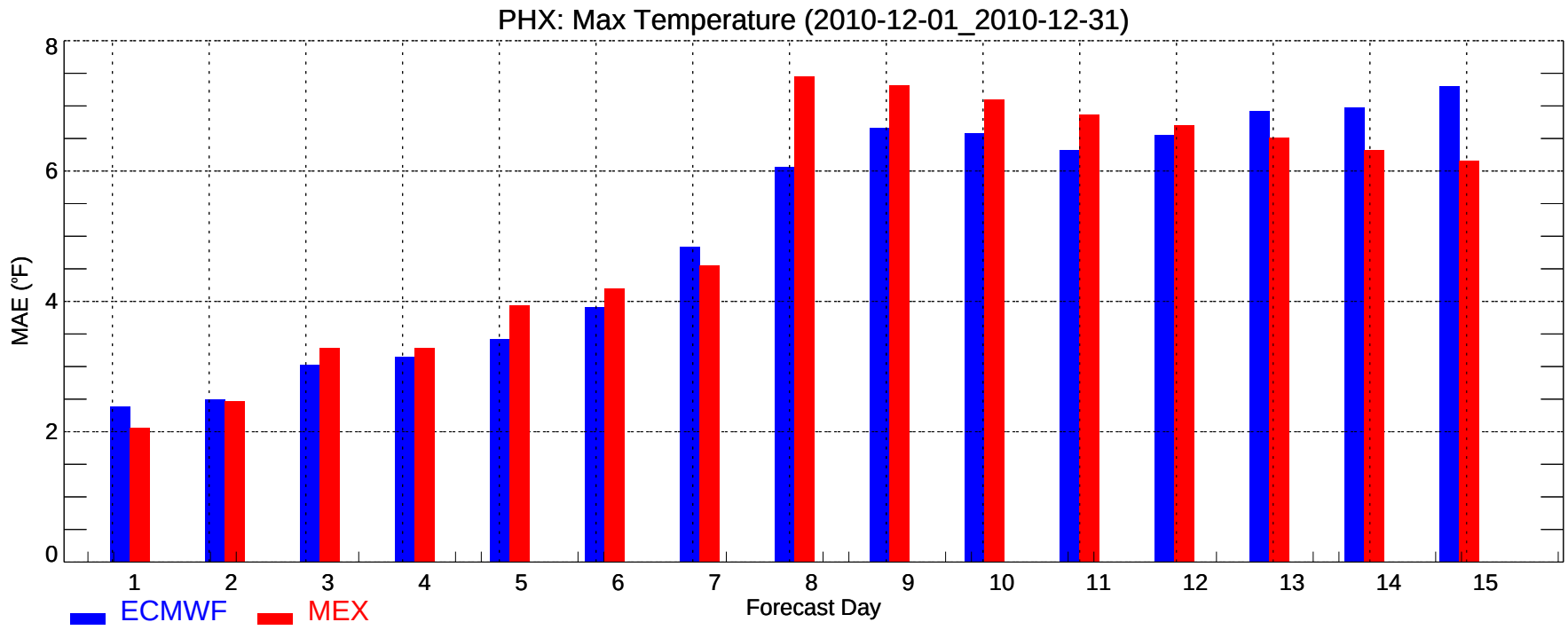

PDX: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

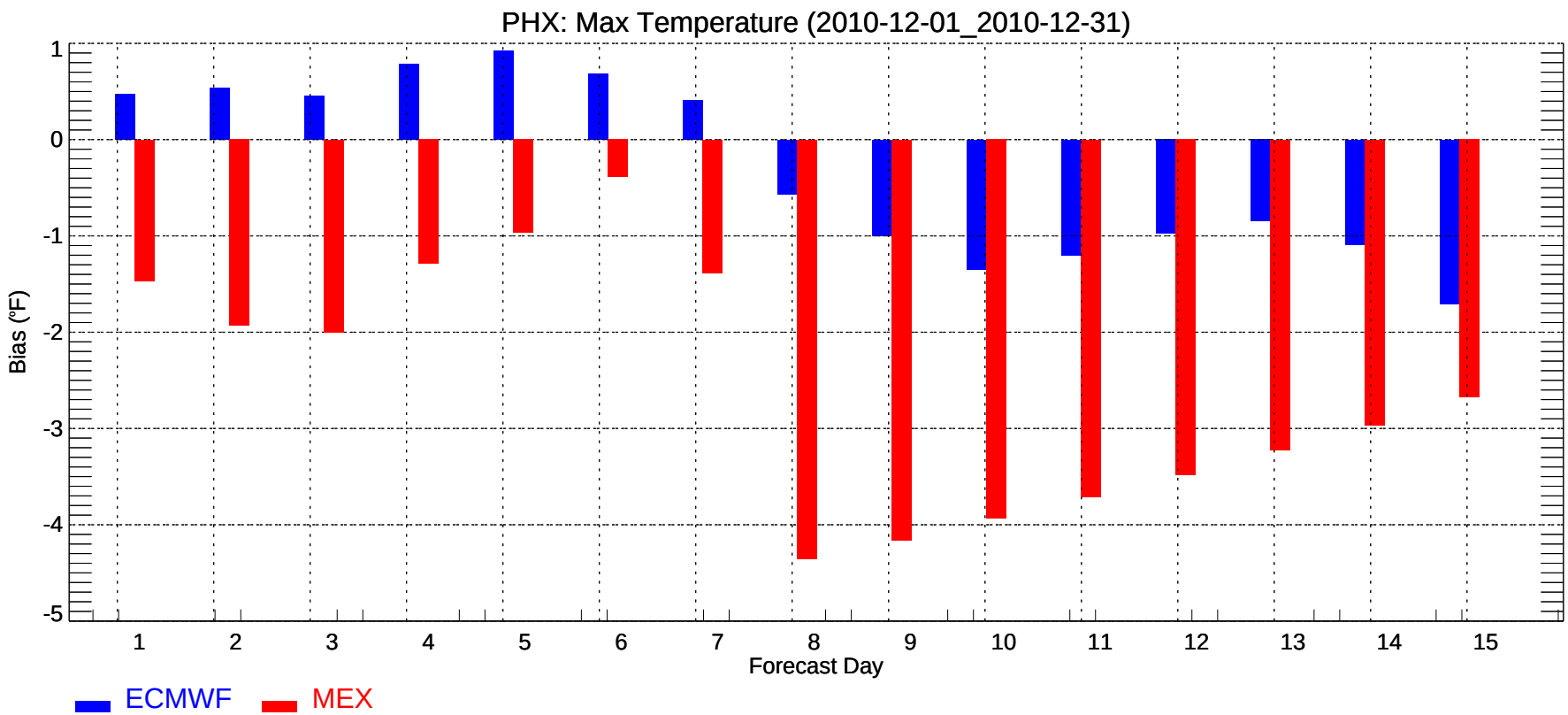

PHL: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

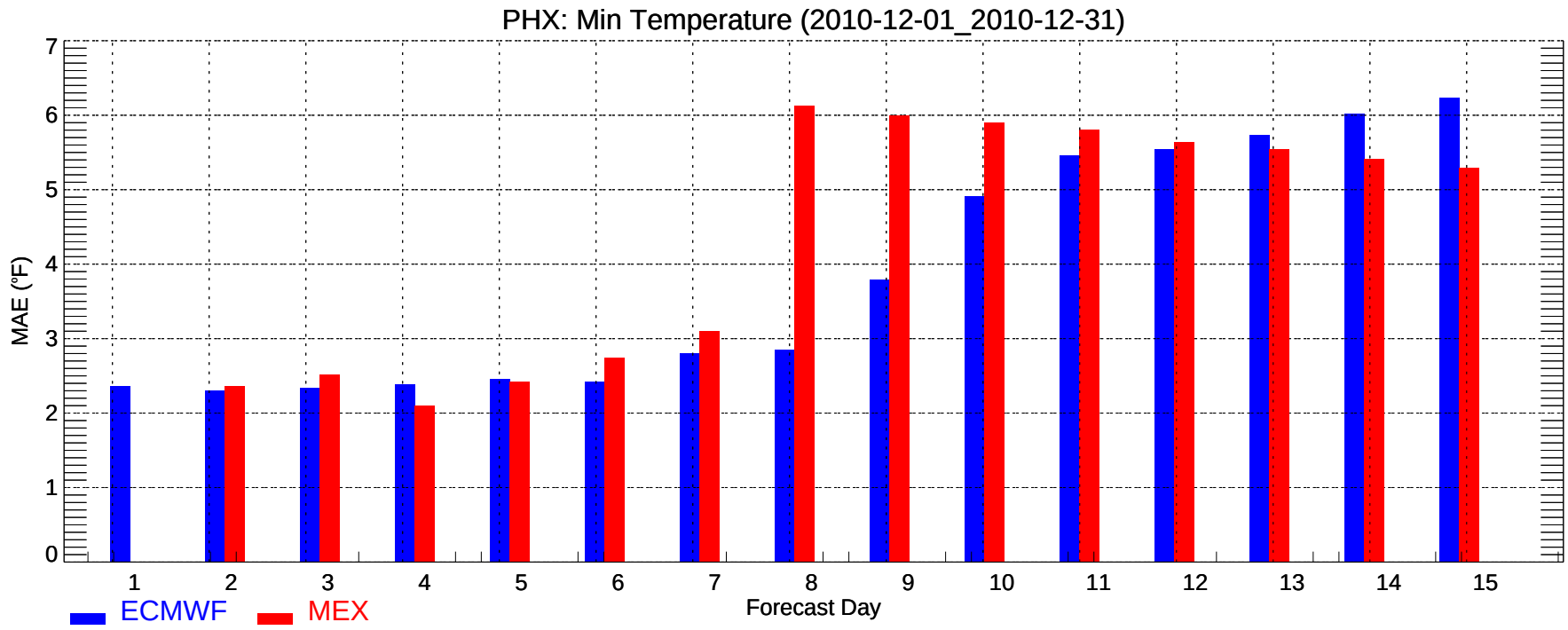

PHL: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

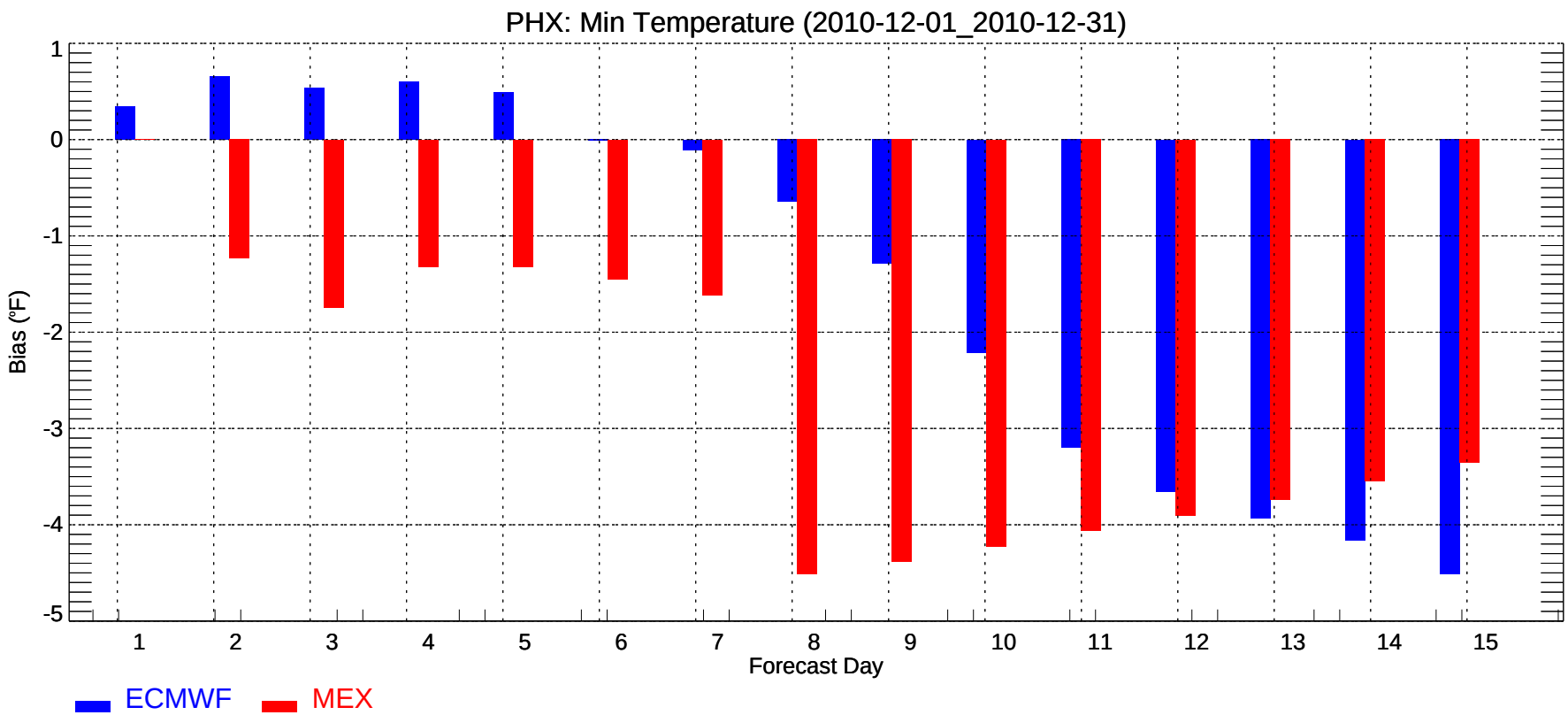

PHL: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

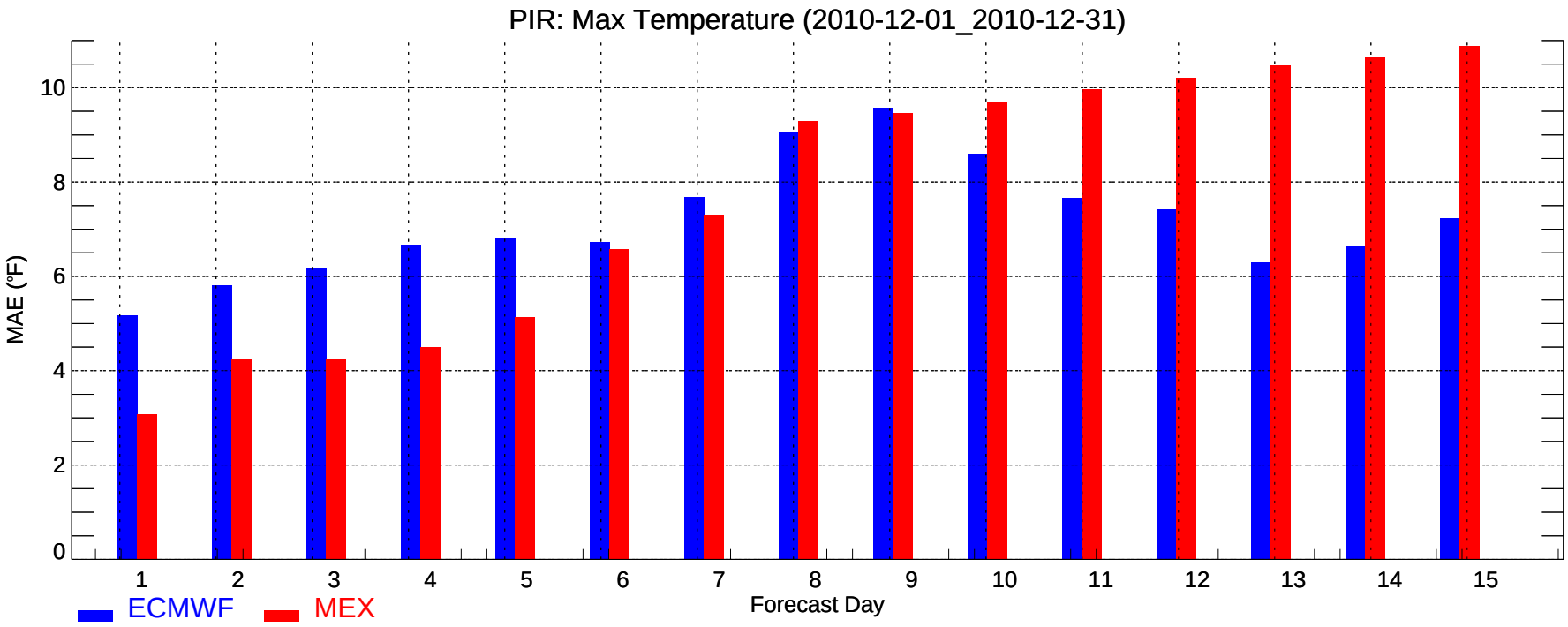

PHL: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

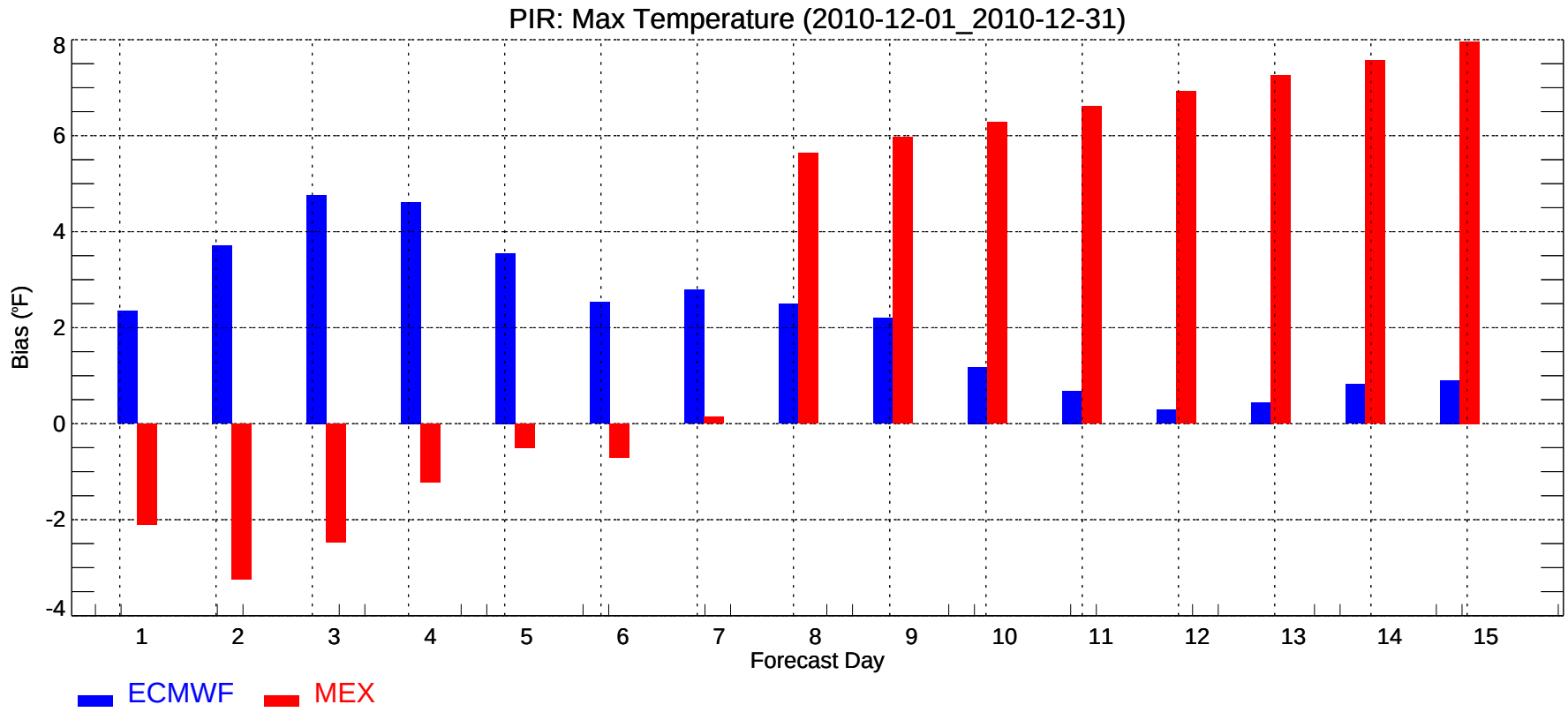

PHX: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

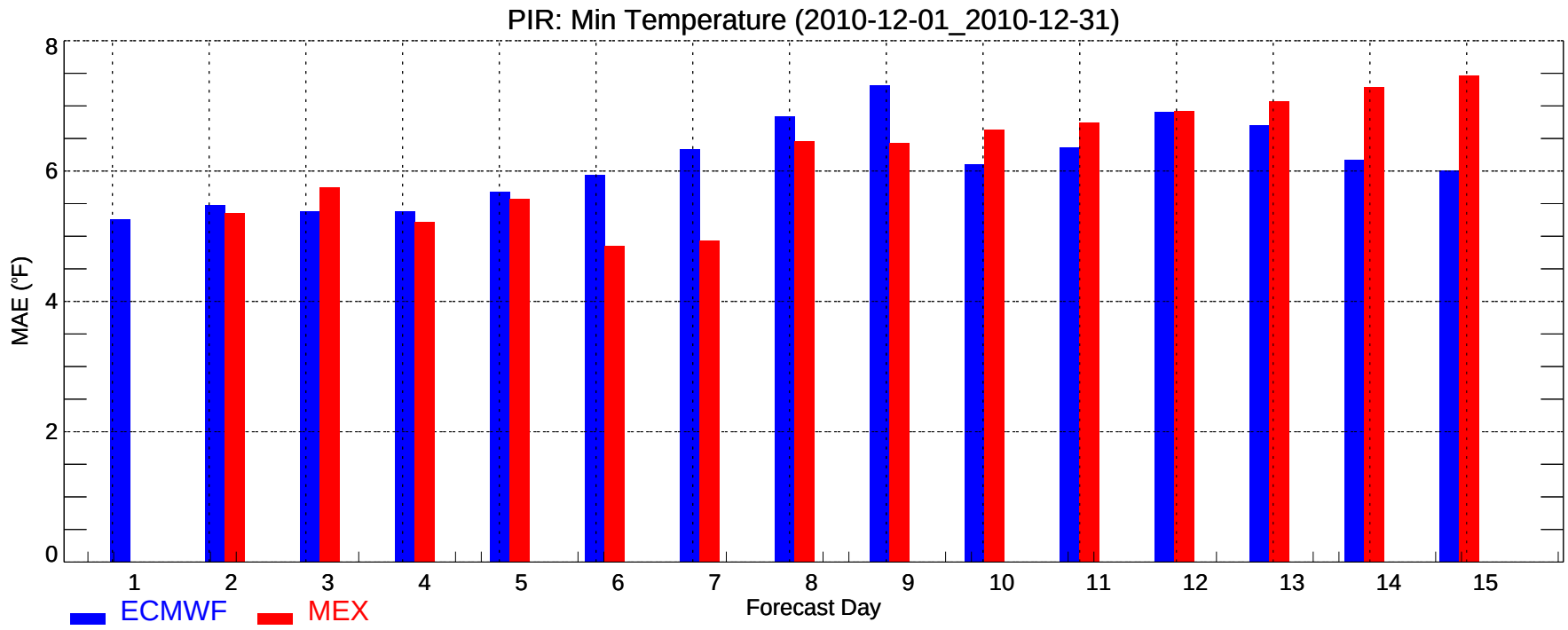

PHX: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

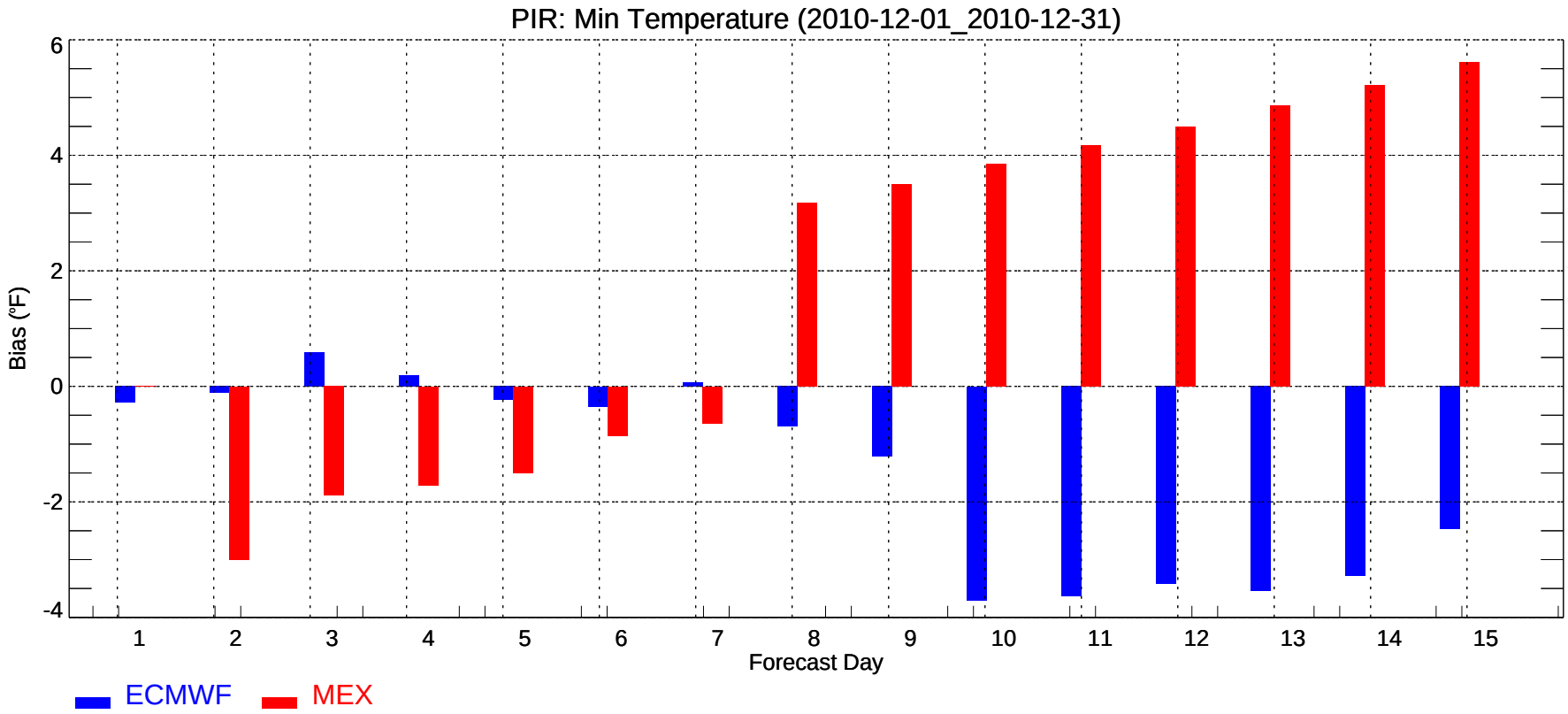

PHX: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

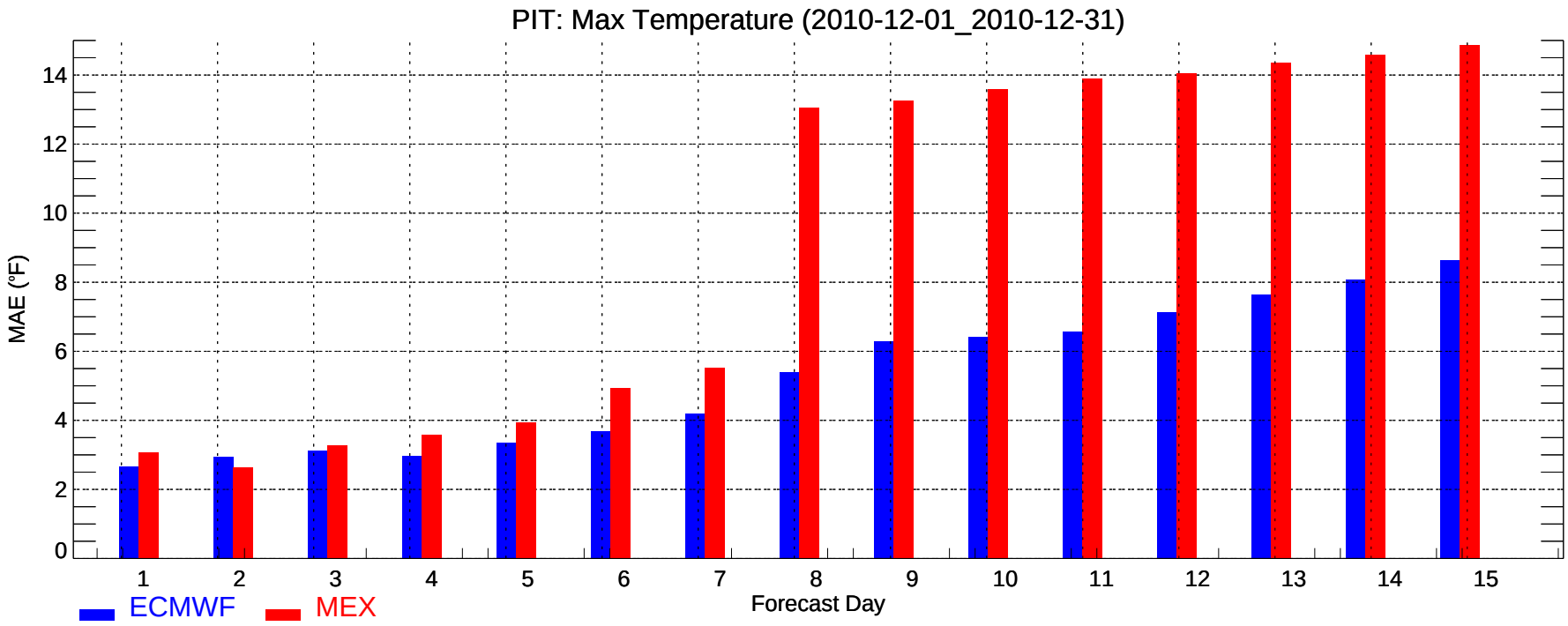

PHX: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

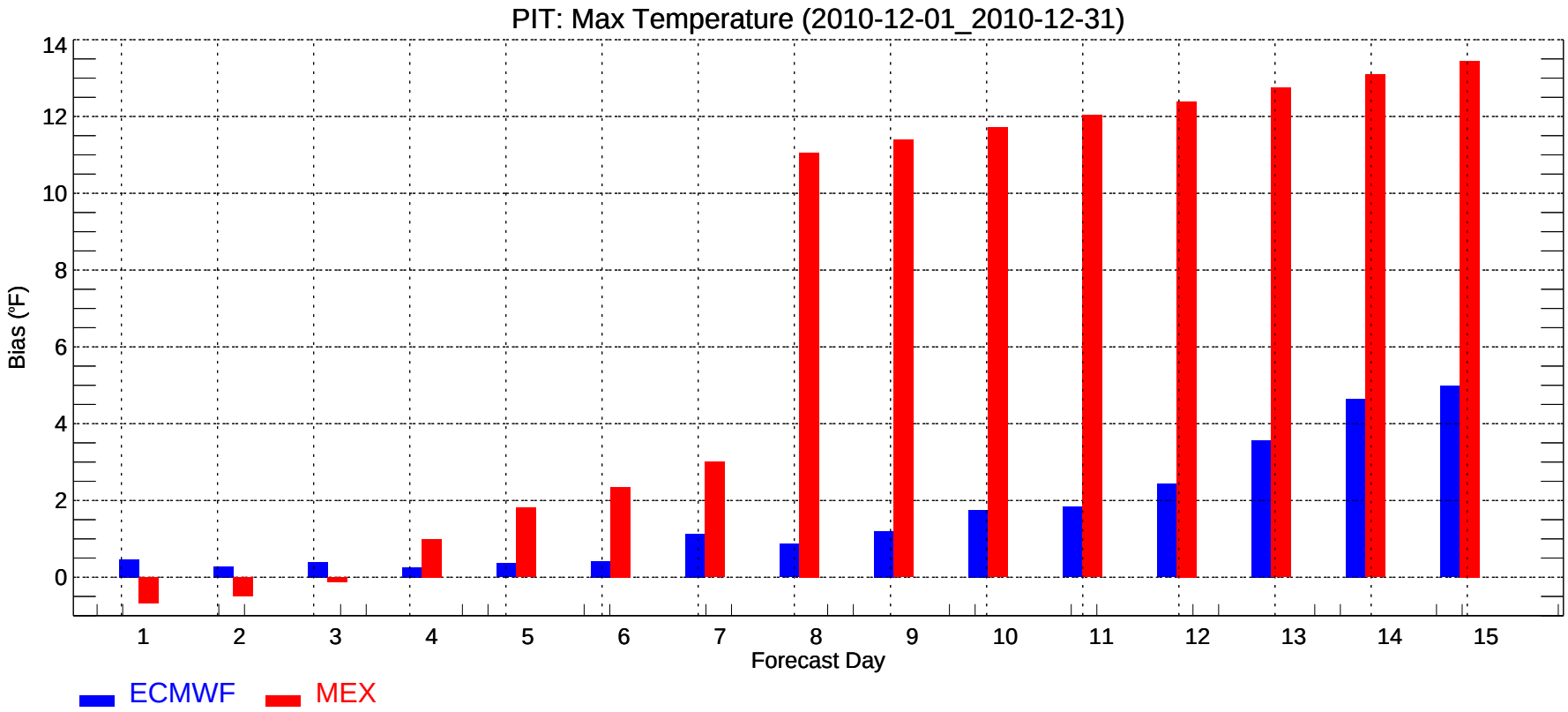

PIR: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

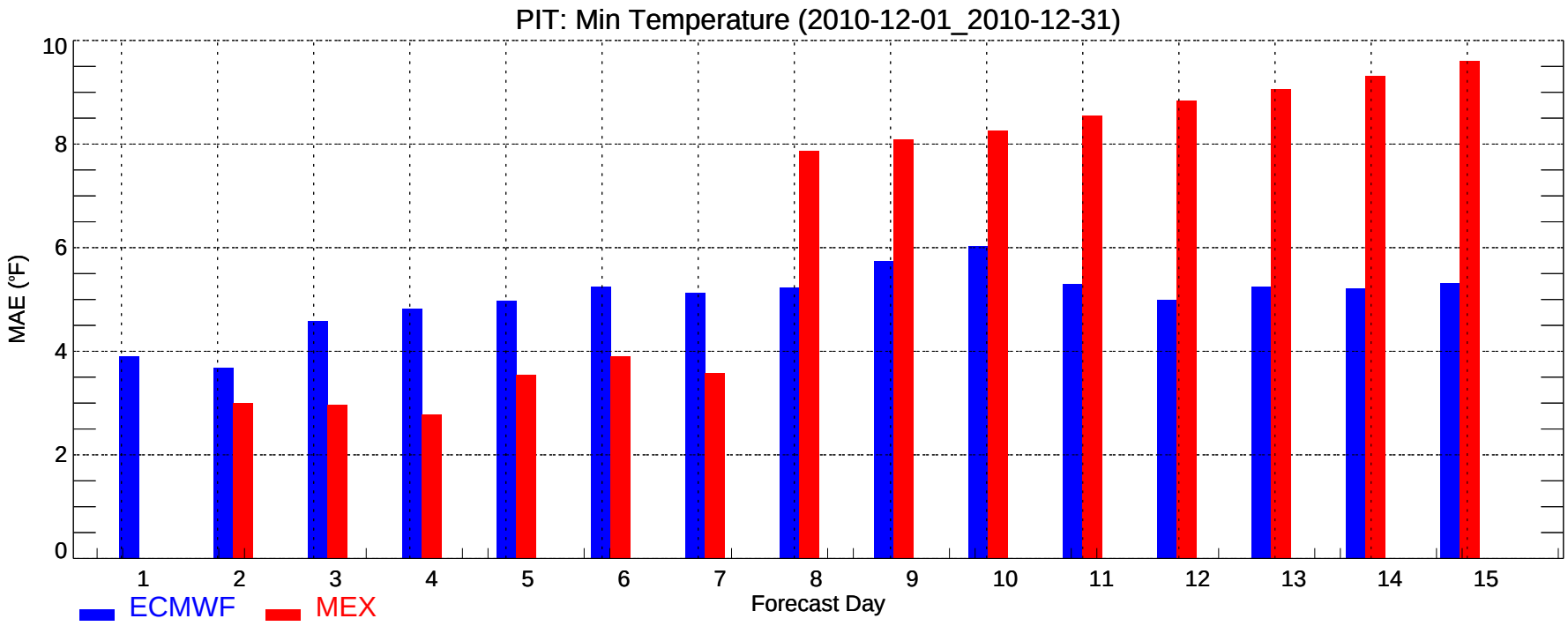

PIR: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

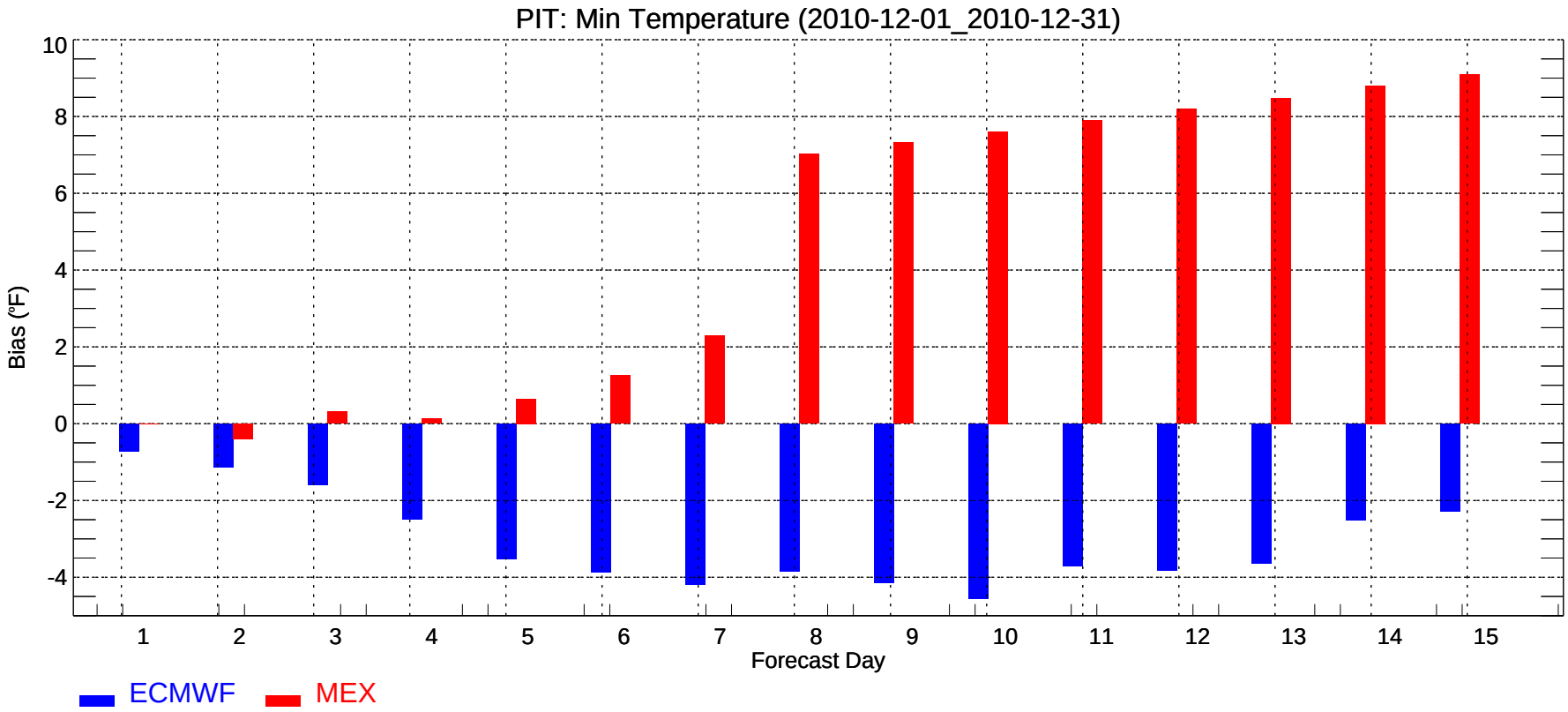

PIR: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

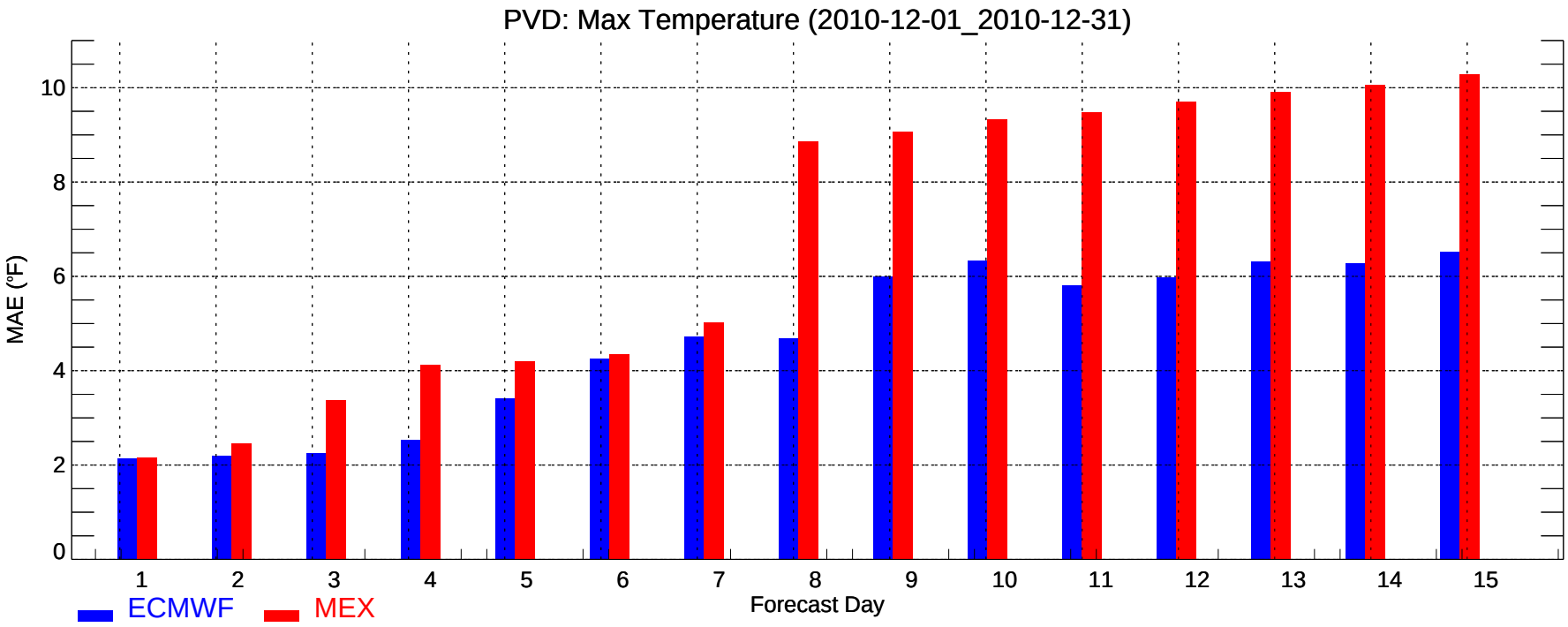

PIR: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

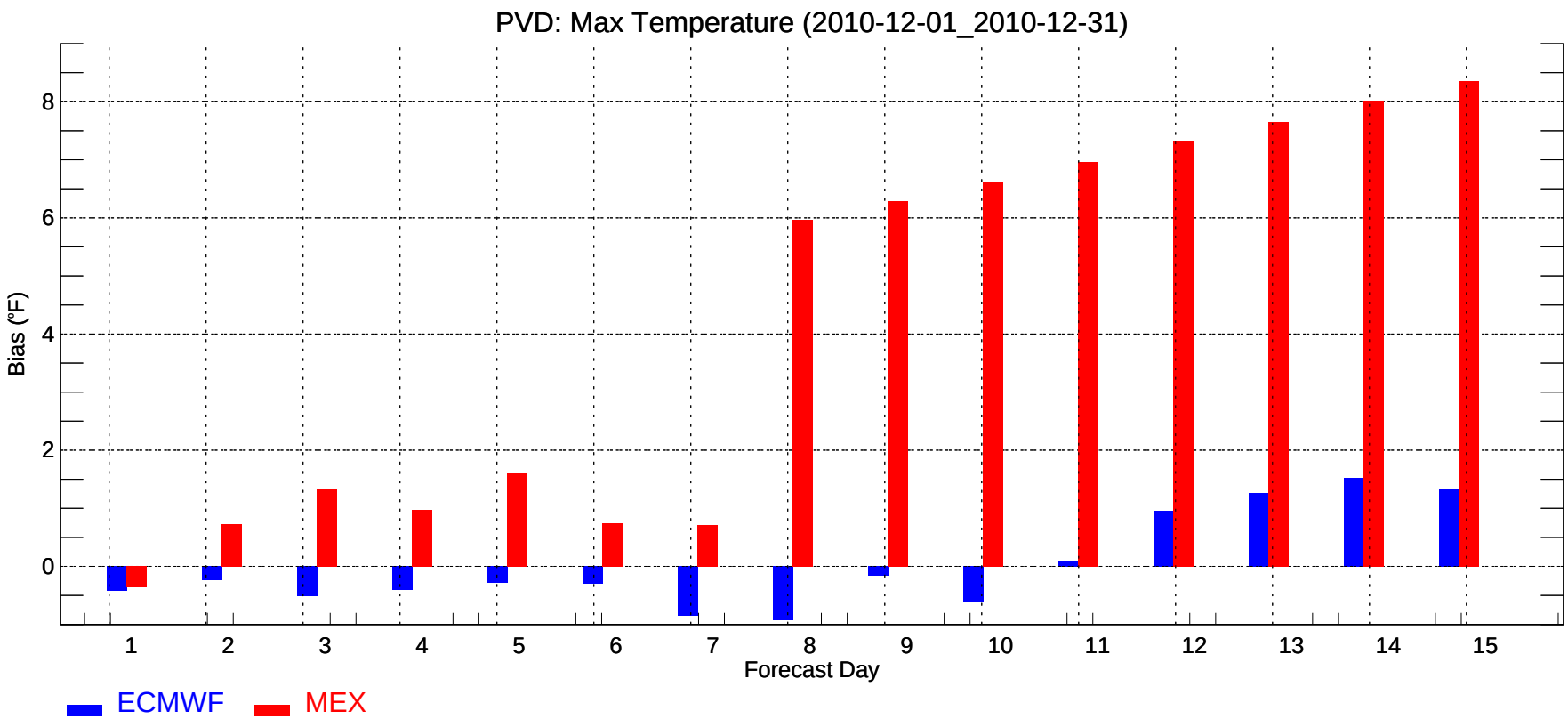

PIT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

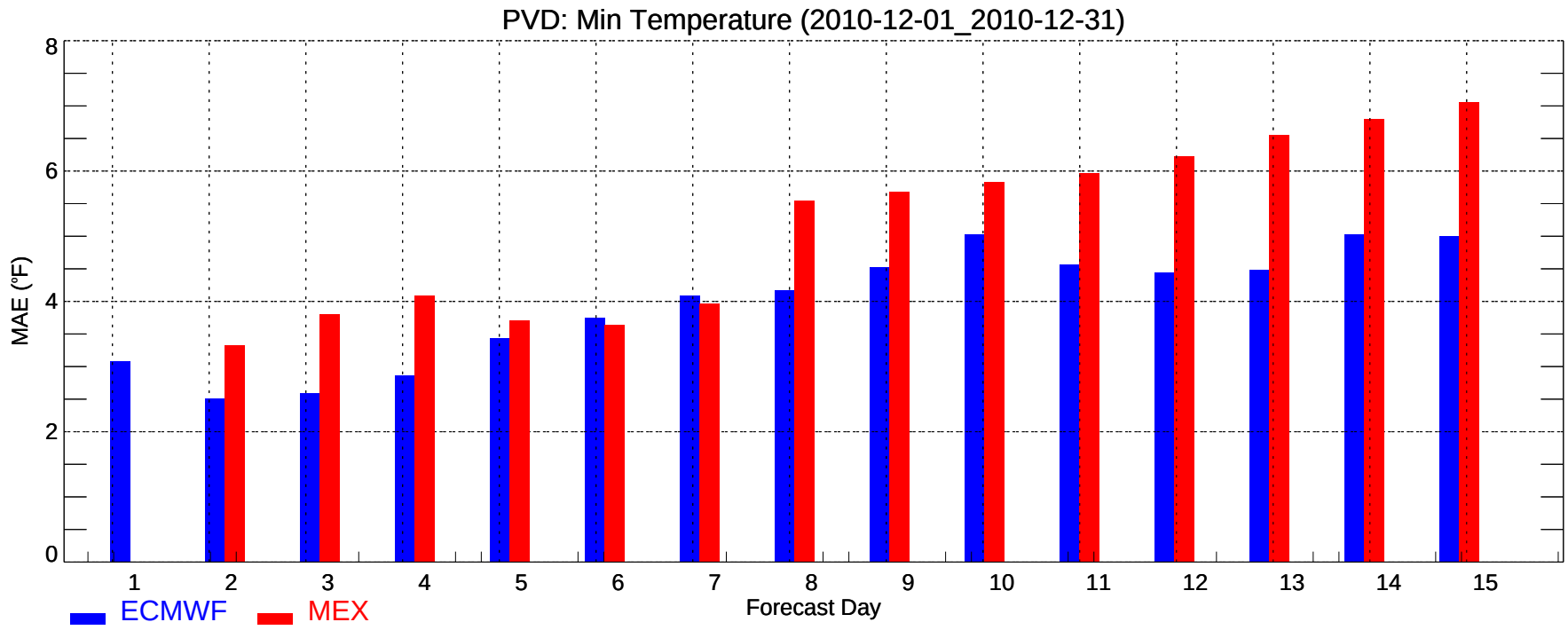

PIT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

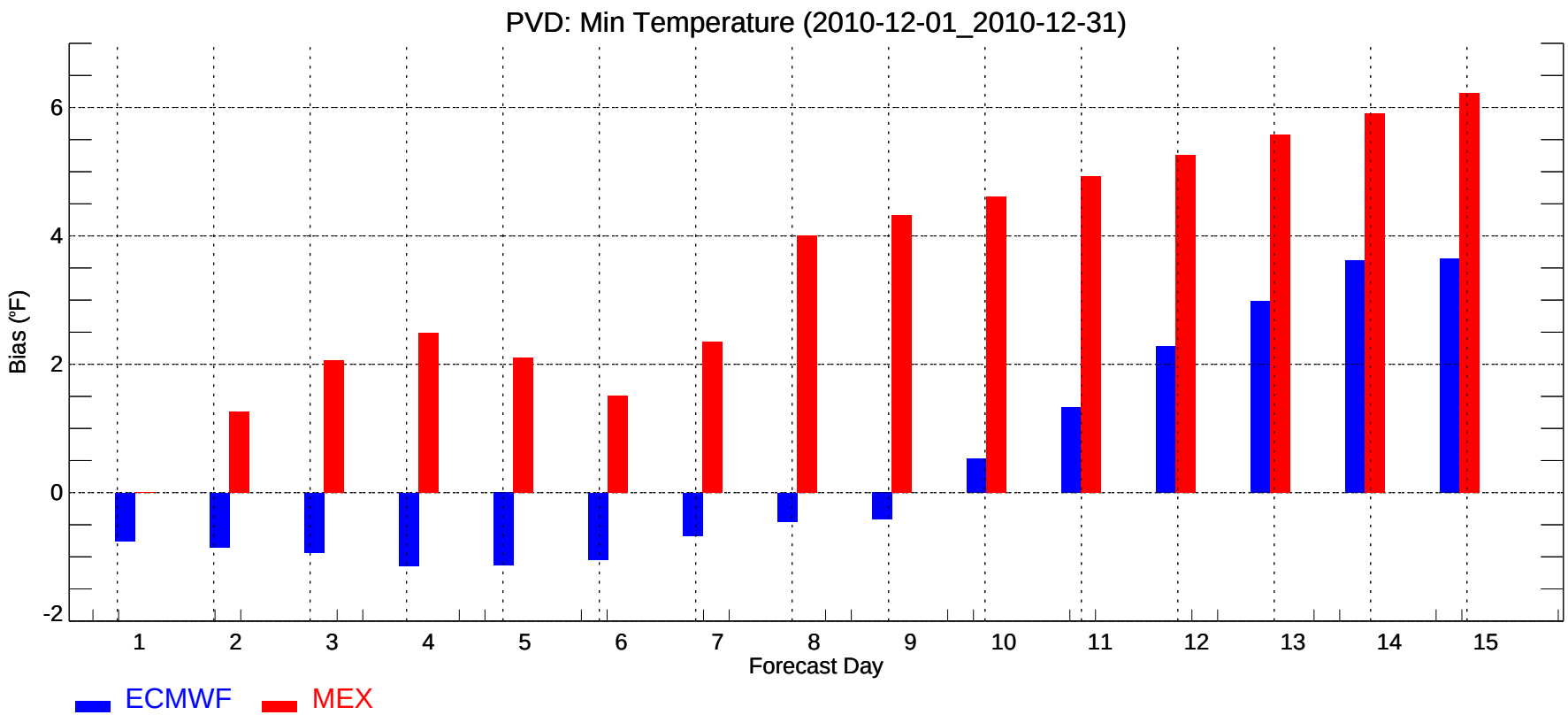

PIT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

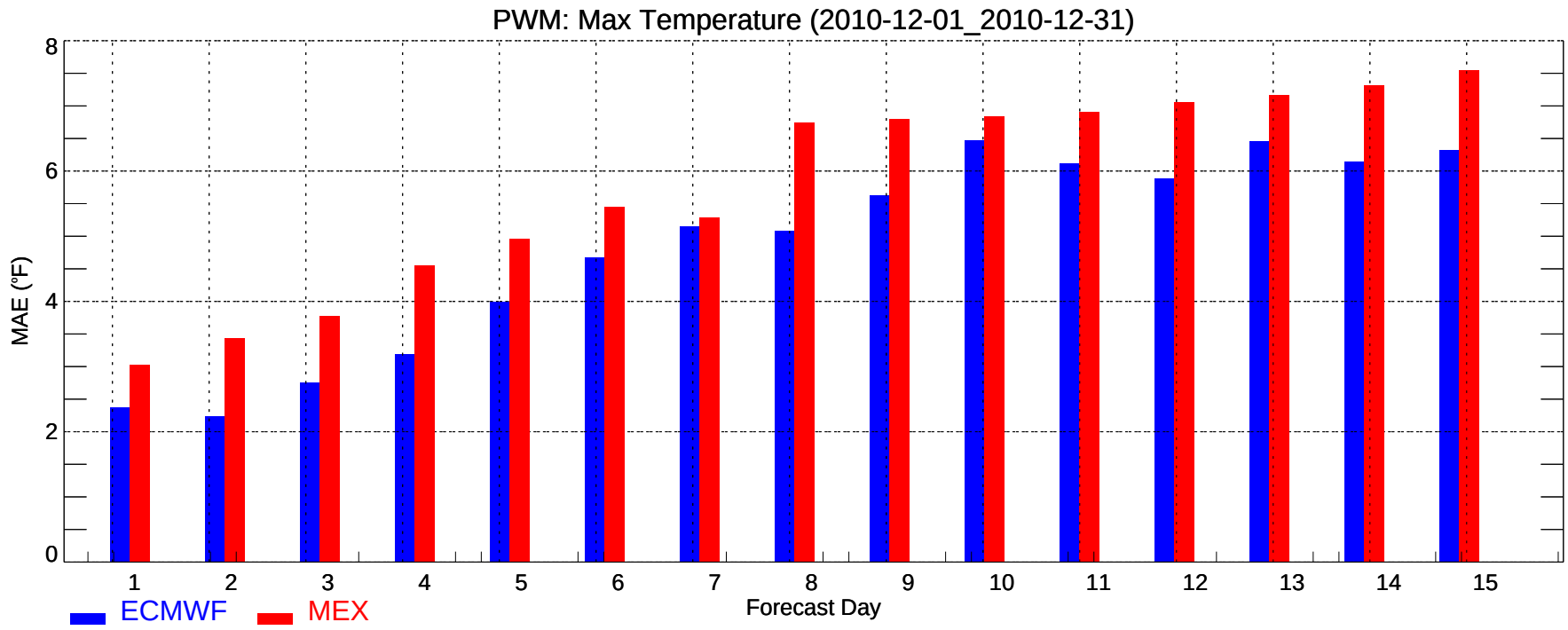

PIT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

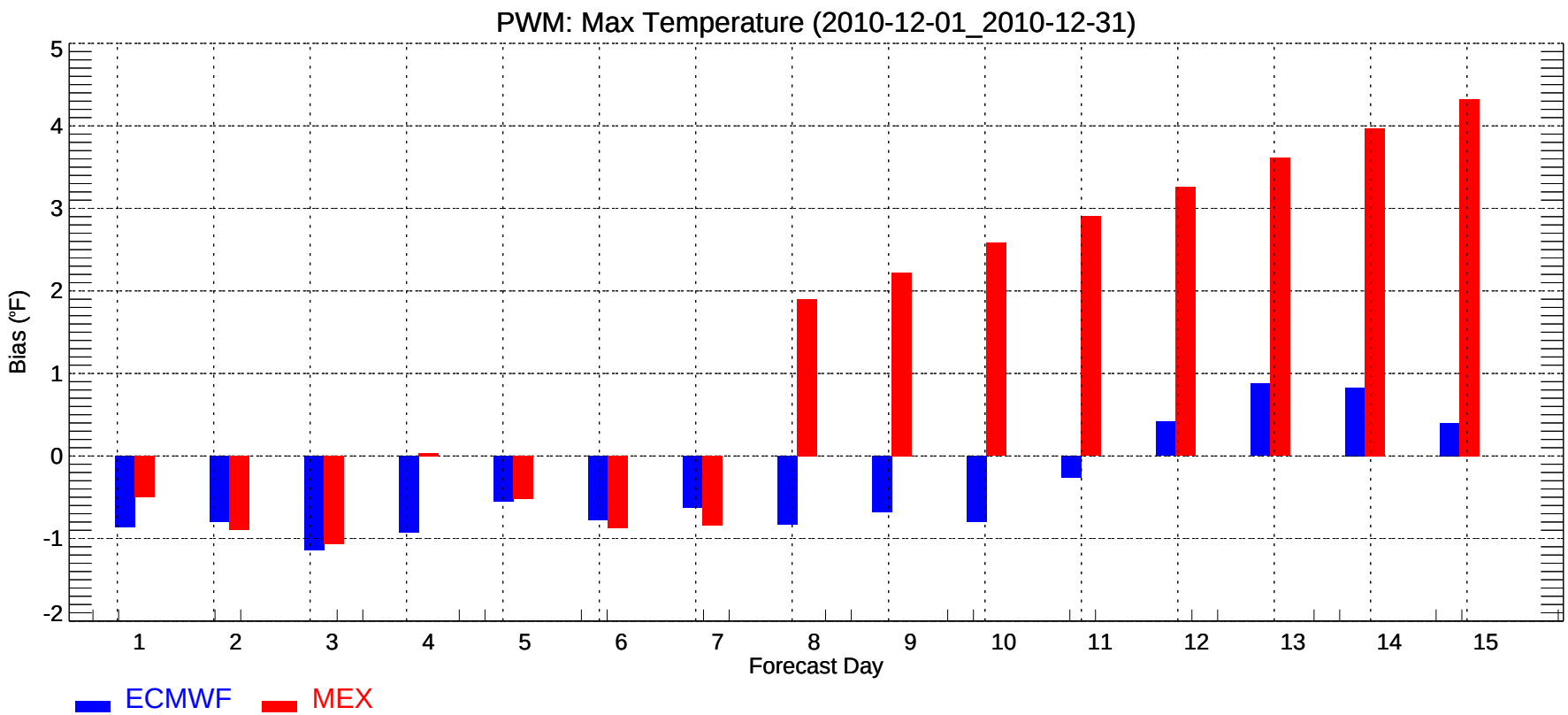

PVD: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

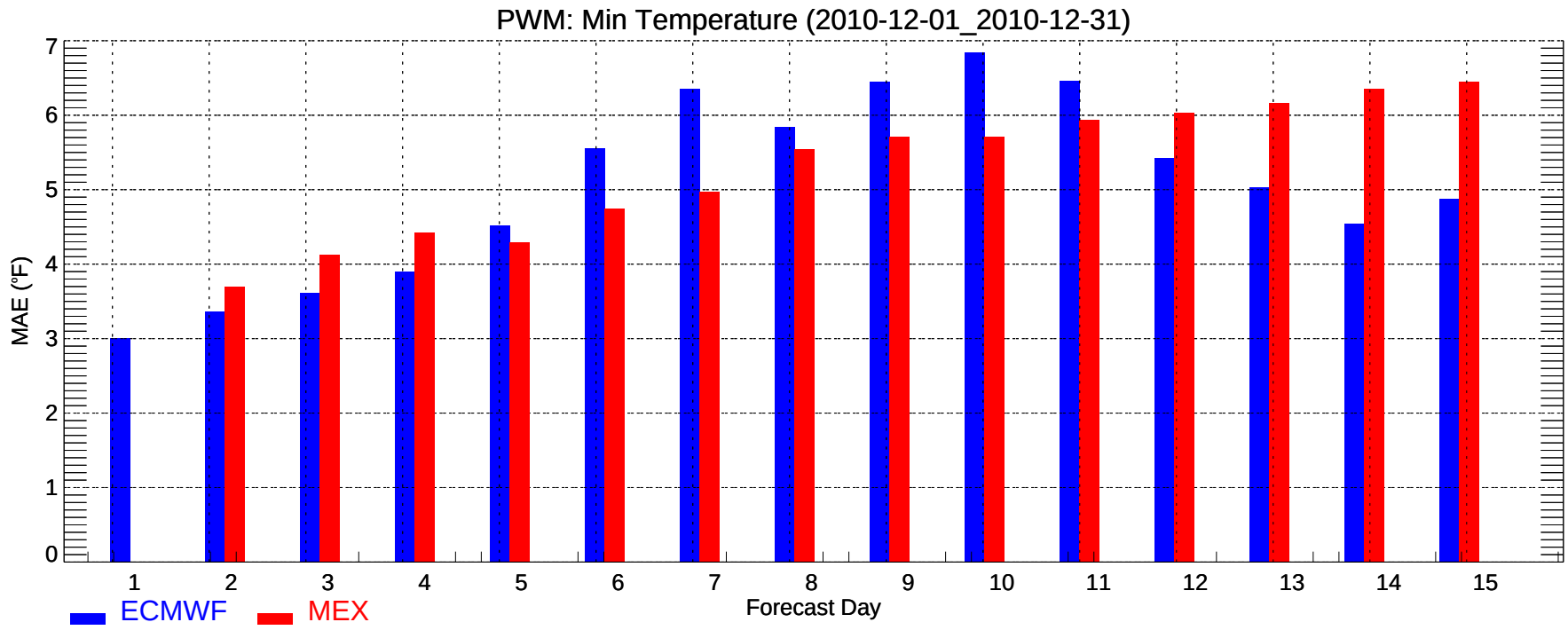

PVD: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

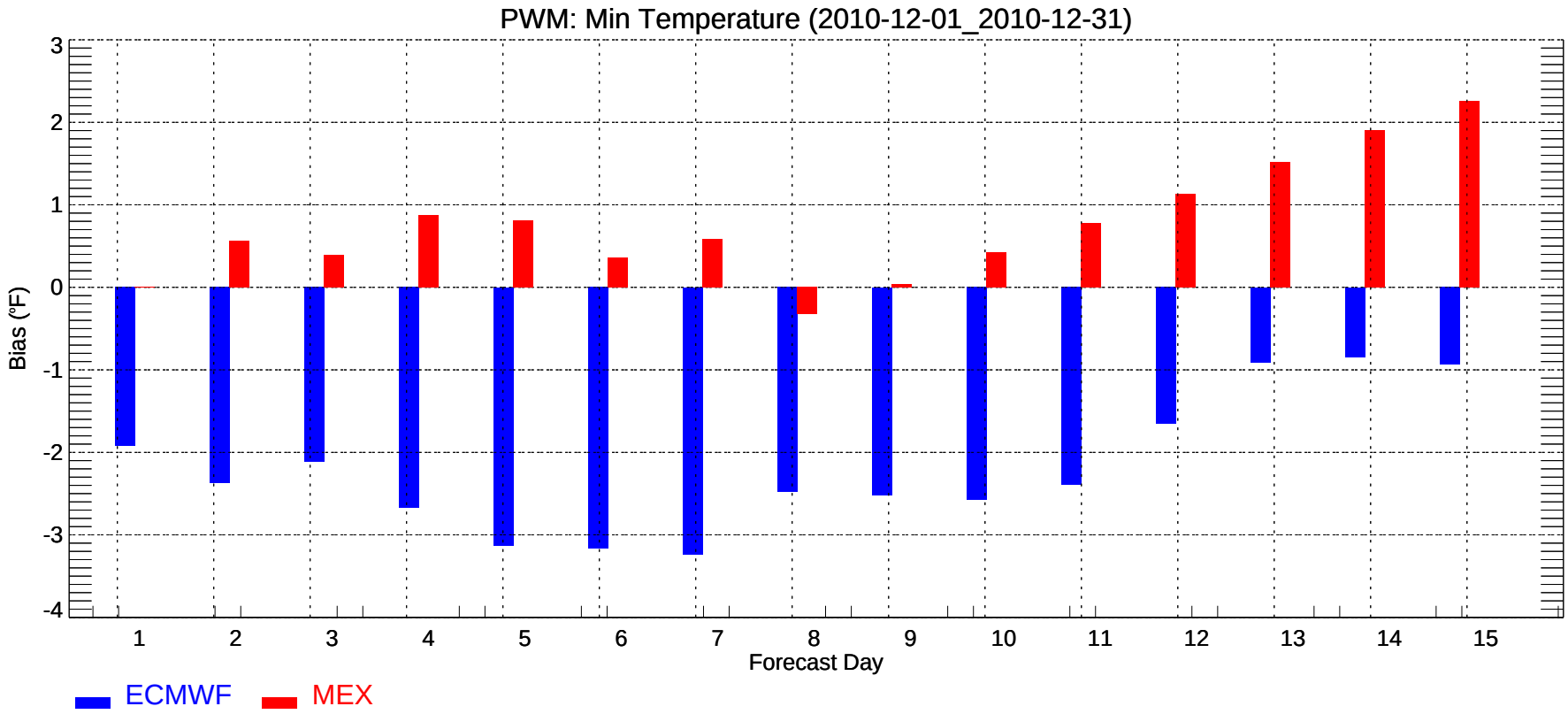

PVD: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

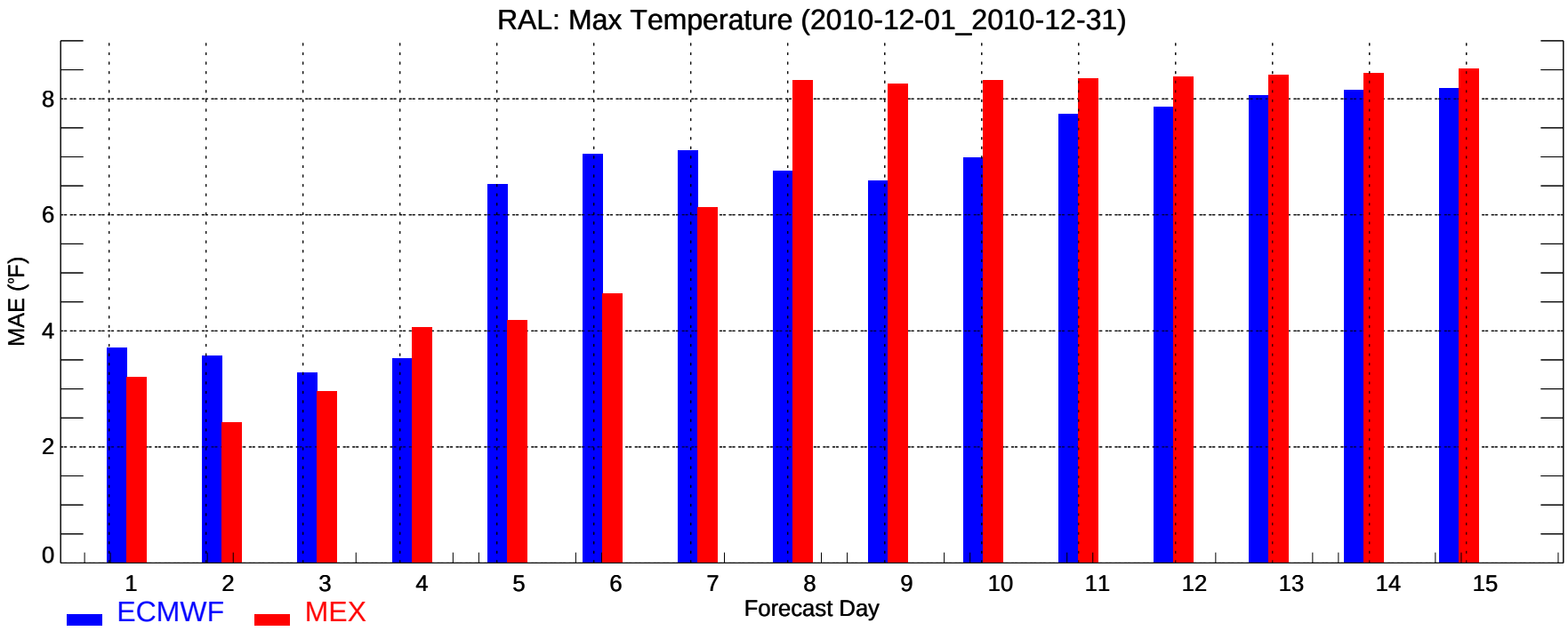

PVD: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

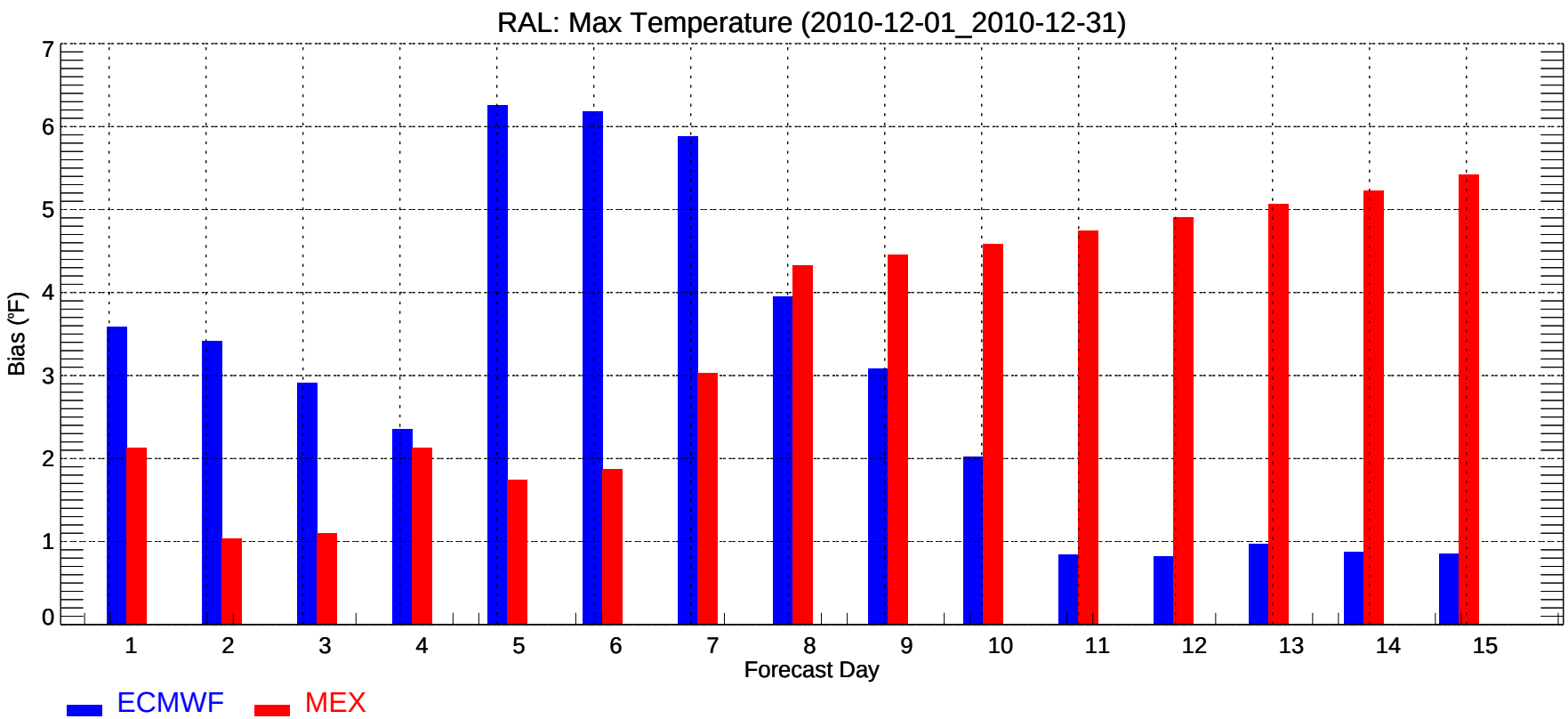

PWM: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

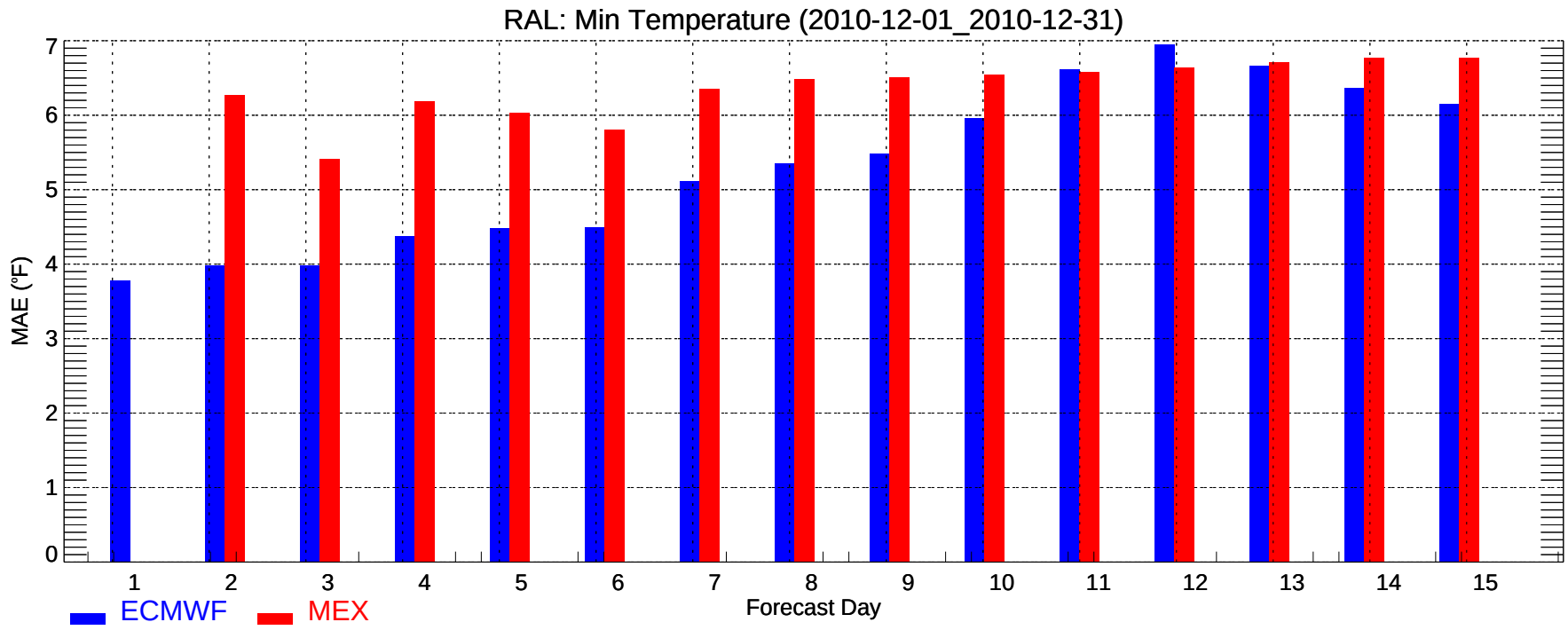

PWM: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

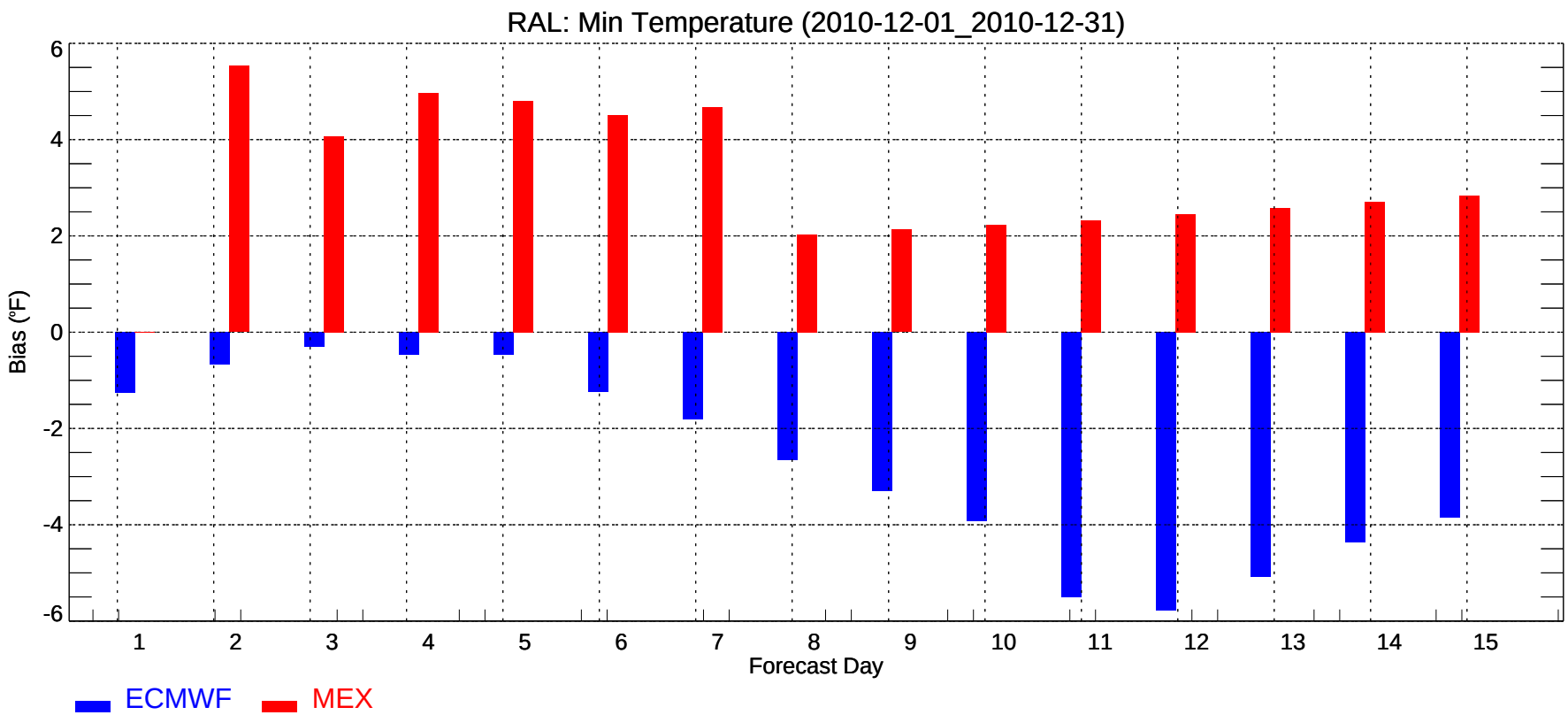

PWM: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

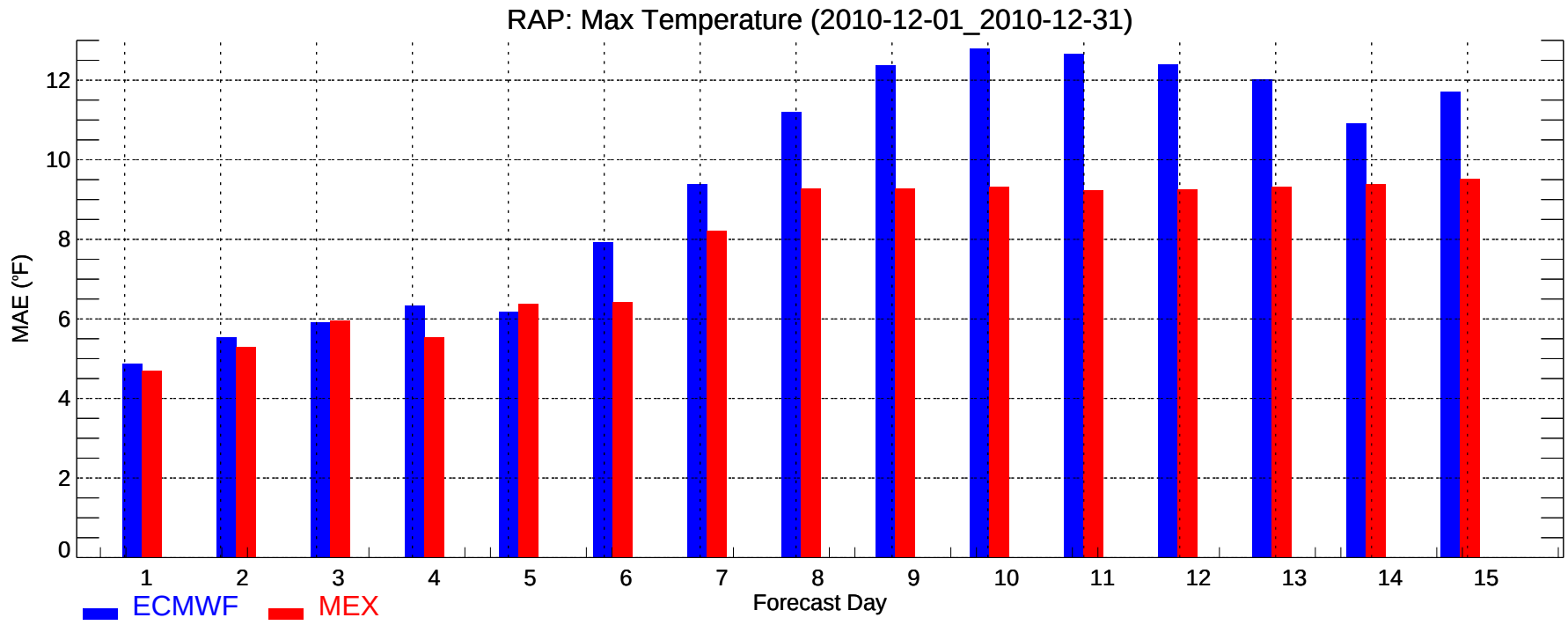

PWM: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

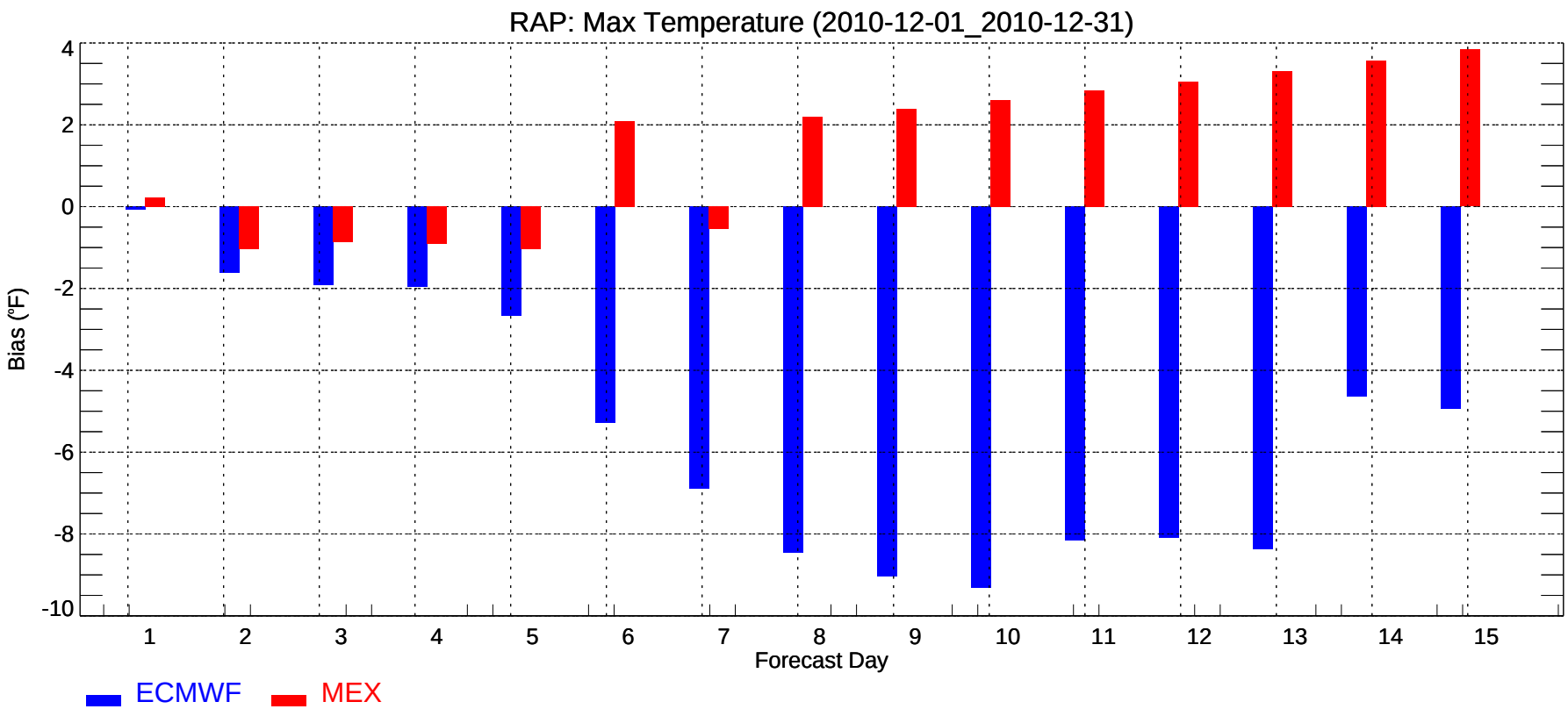

RAL: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

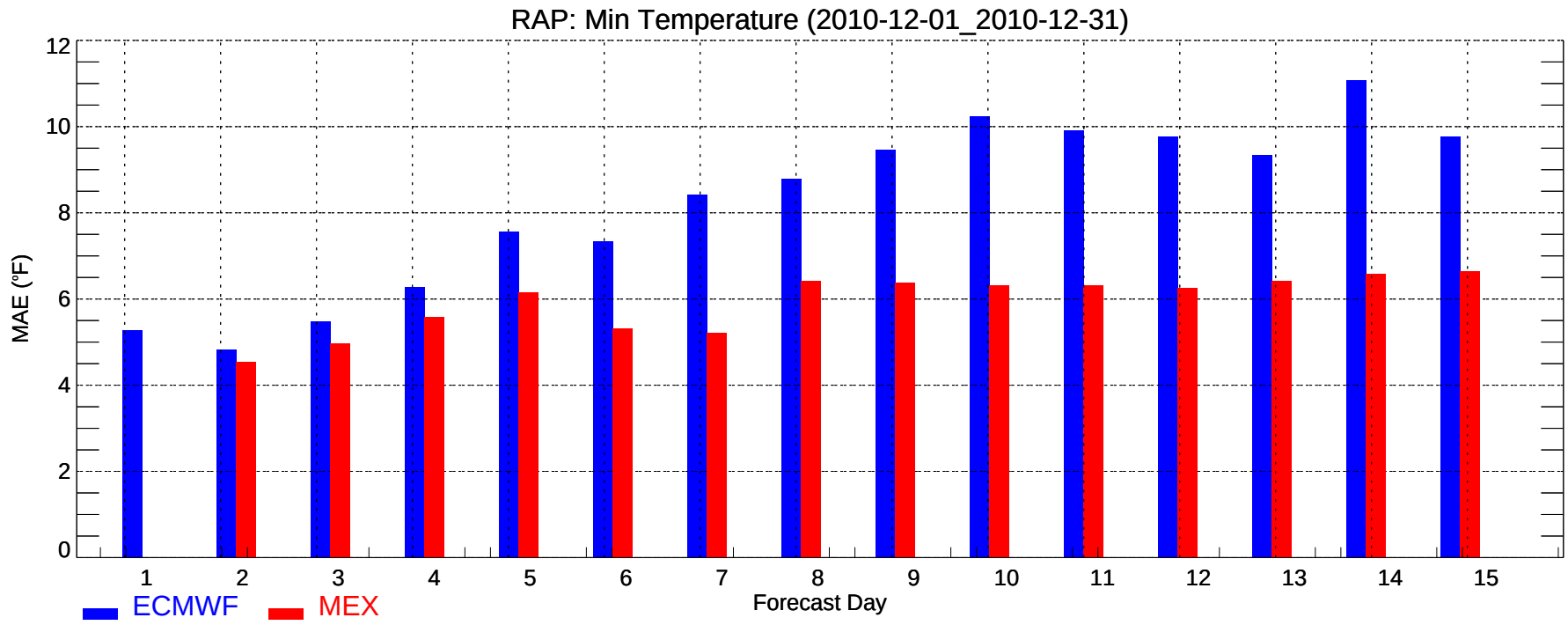

RAL: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

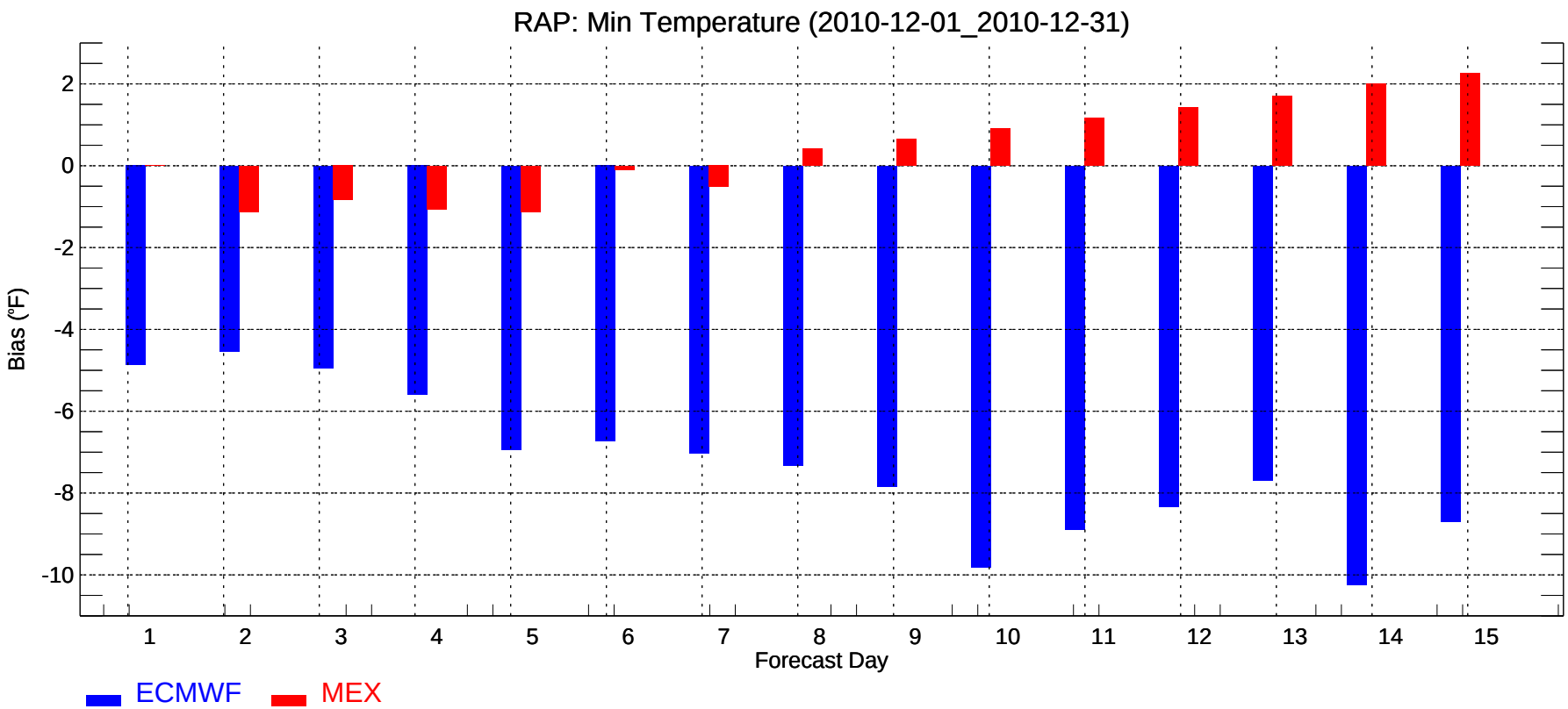

RAL: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

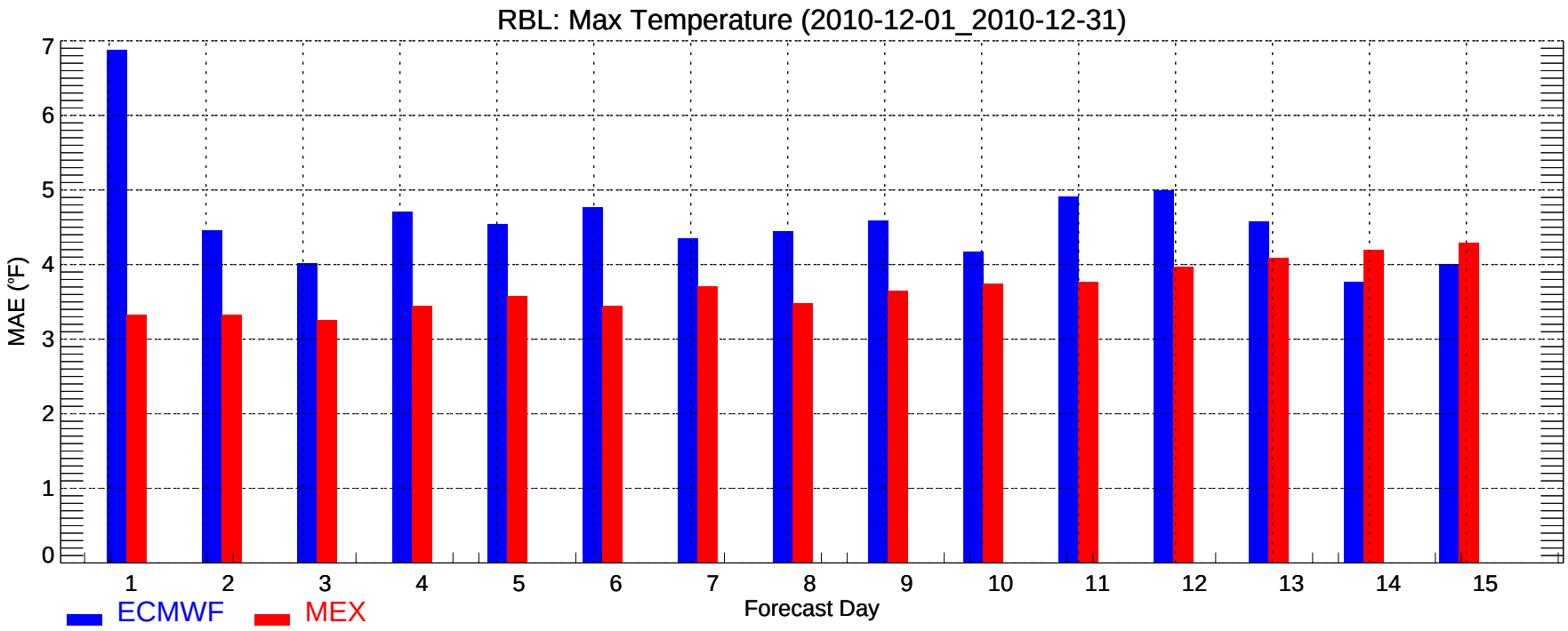

RAL: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
6
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

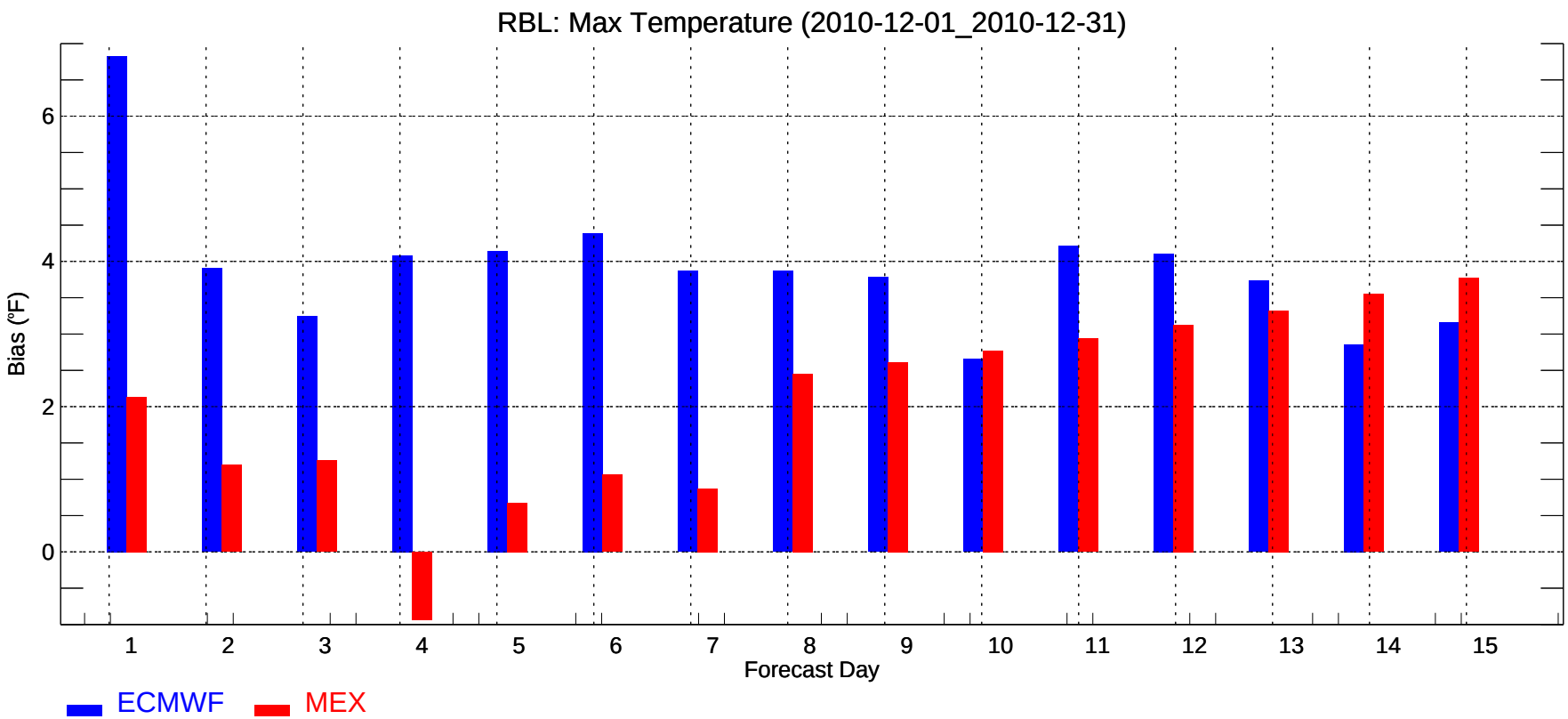

RAP: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

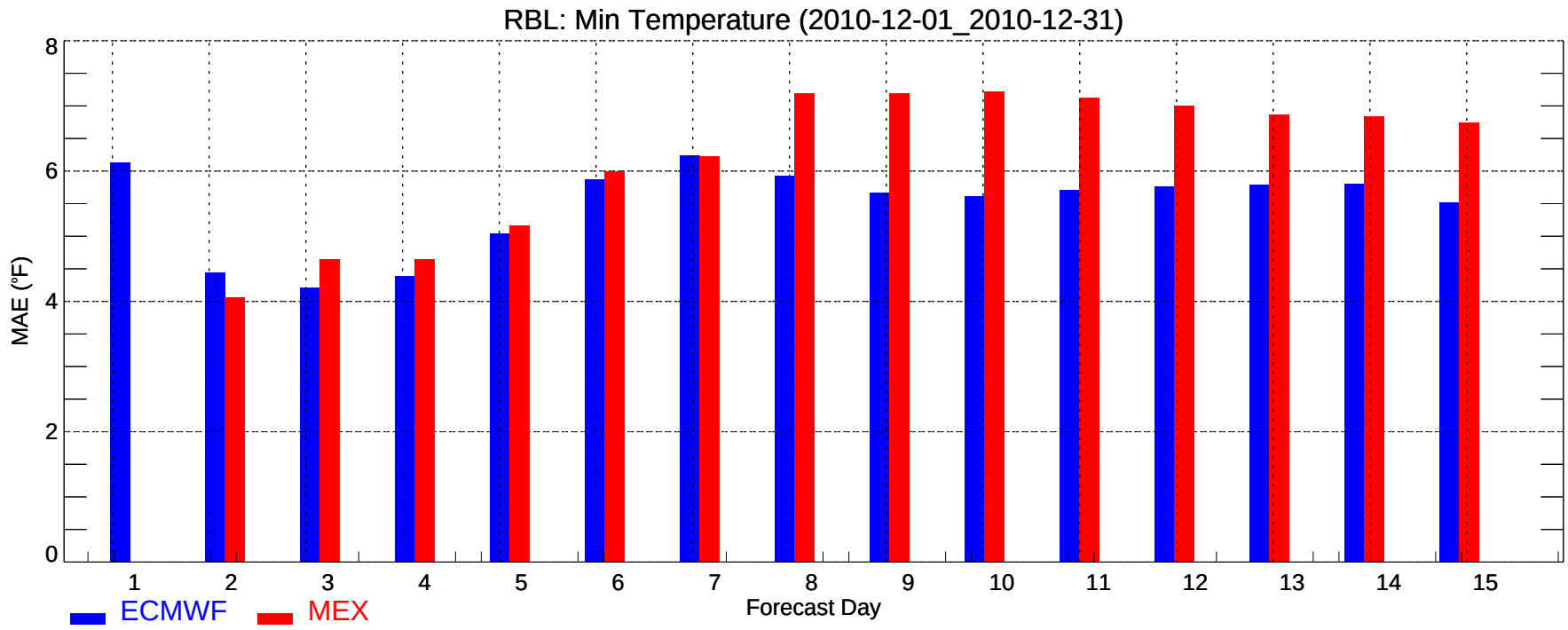

RAP: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

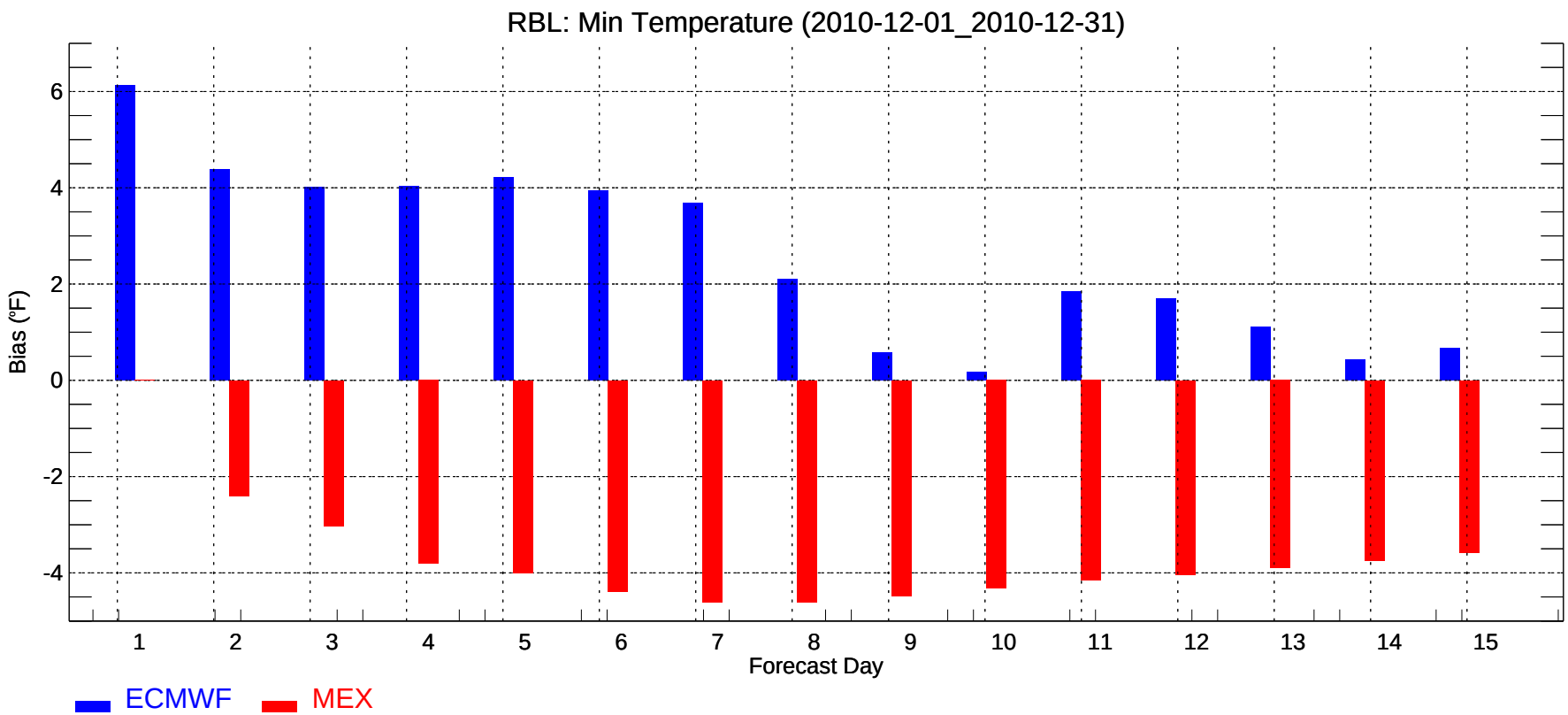

RAP: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

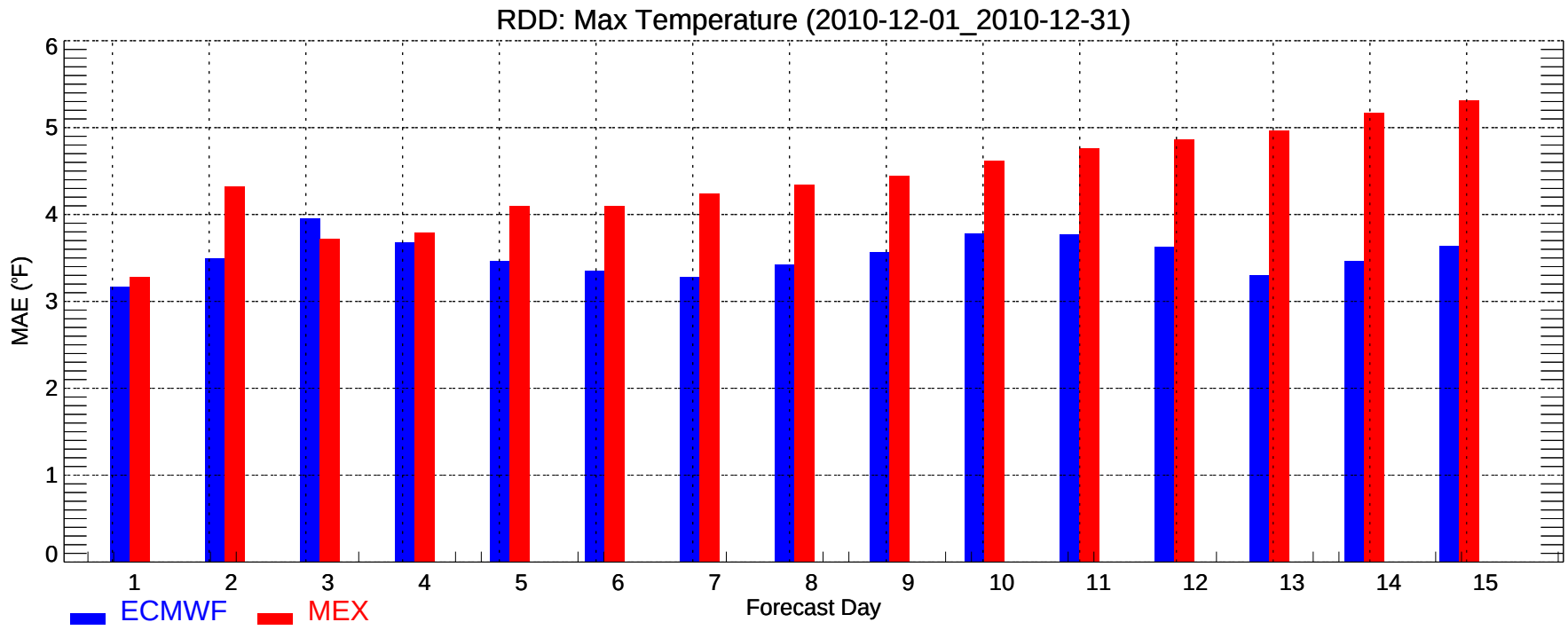

RAP: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

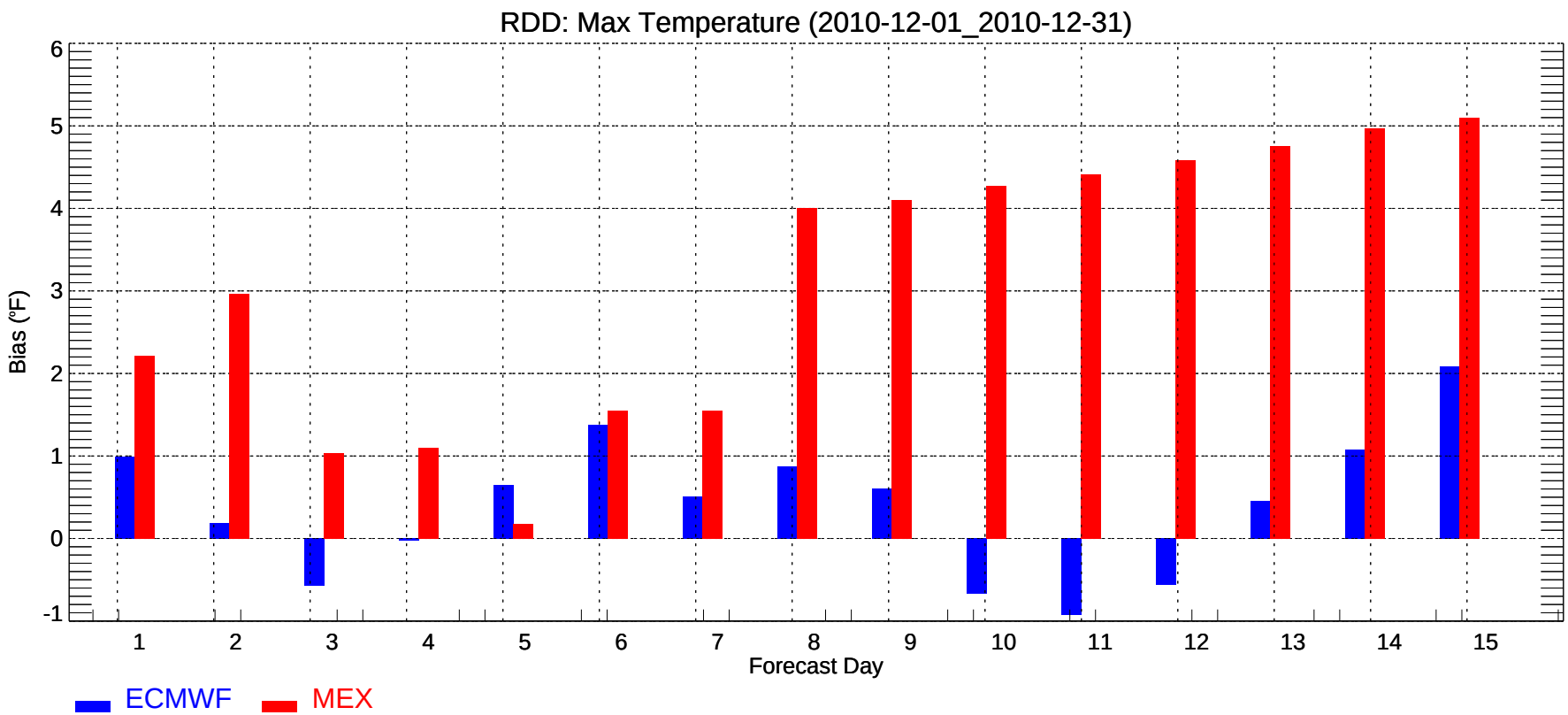

RBL: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

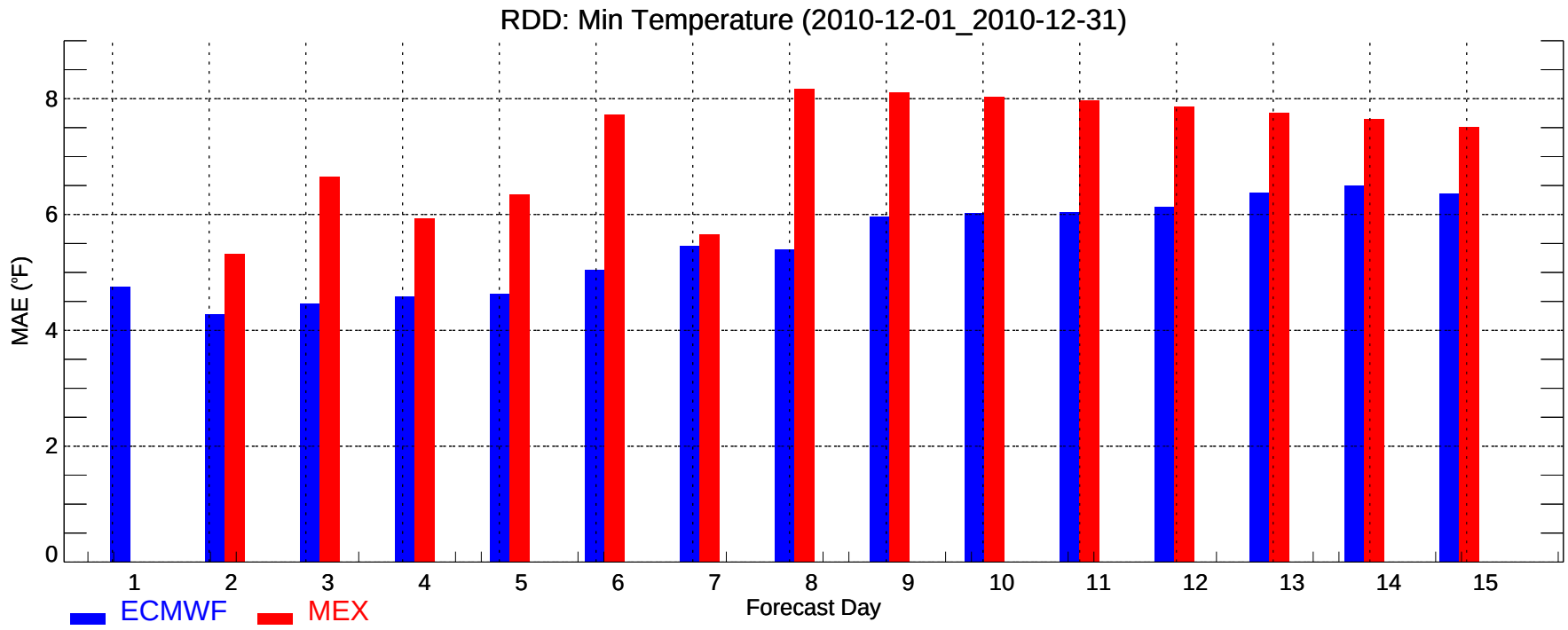

RBL: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

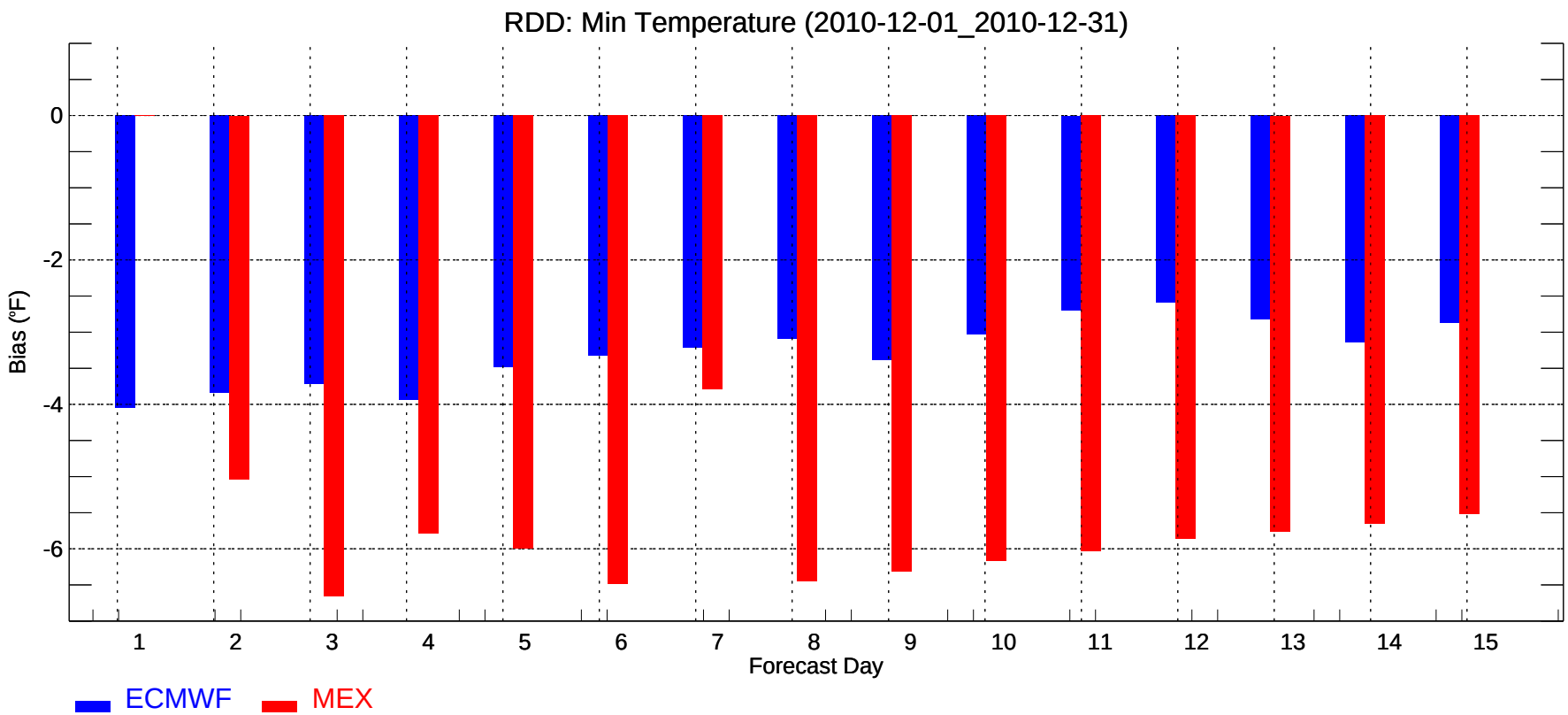

RBL: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

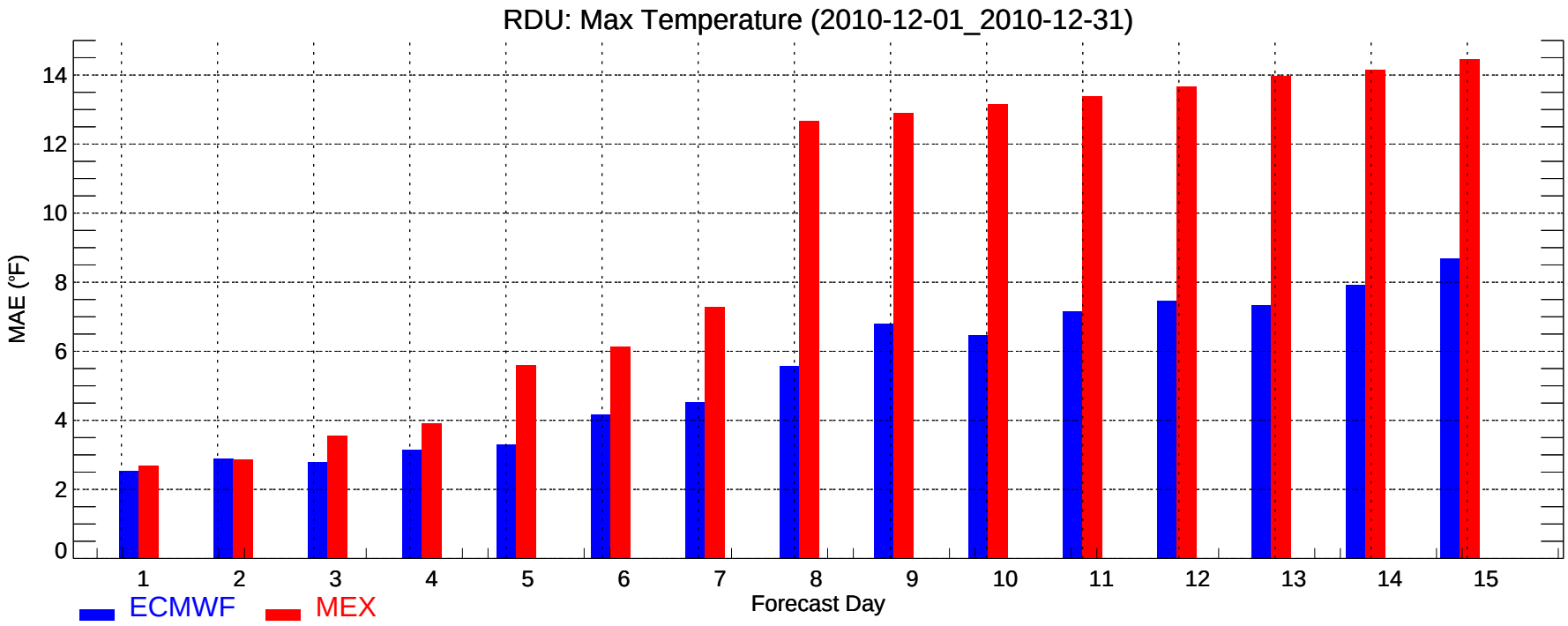

RBL: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

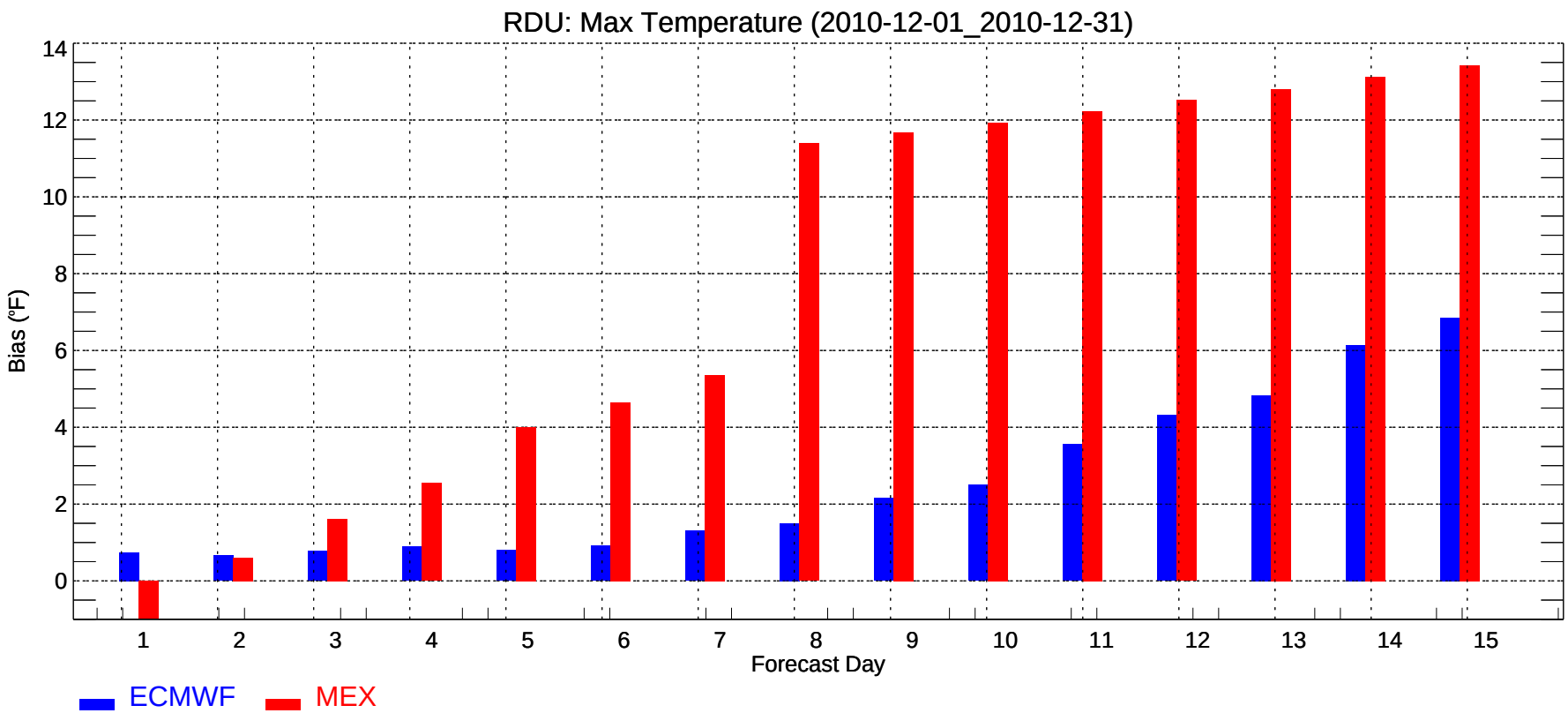

RDD: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

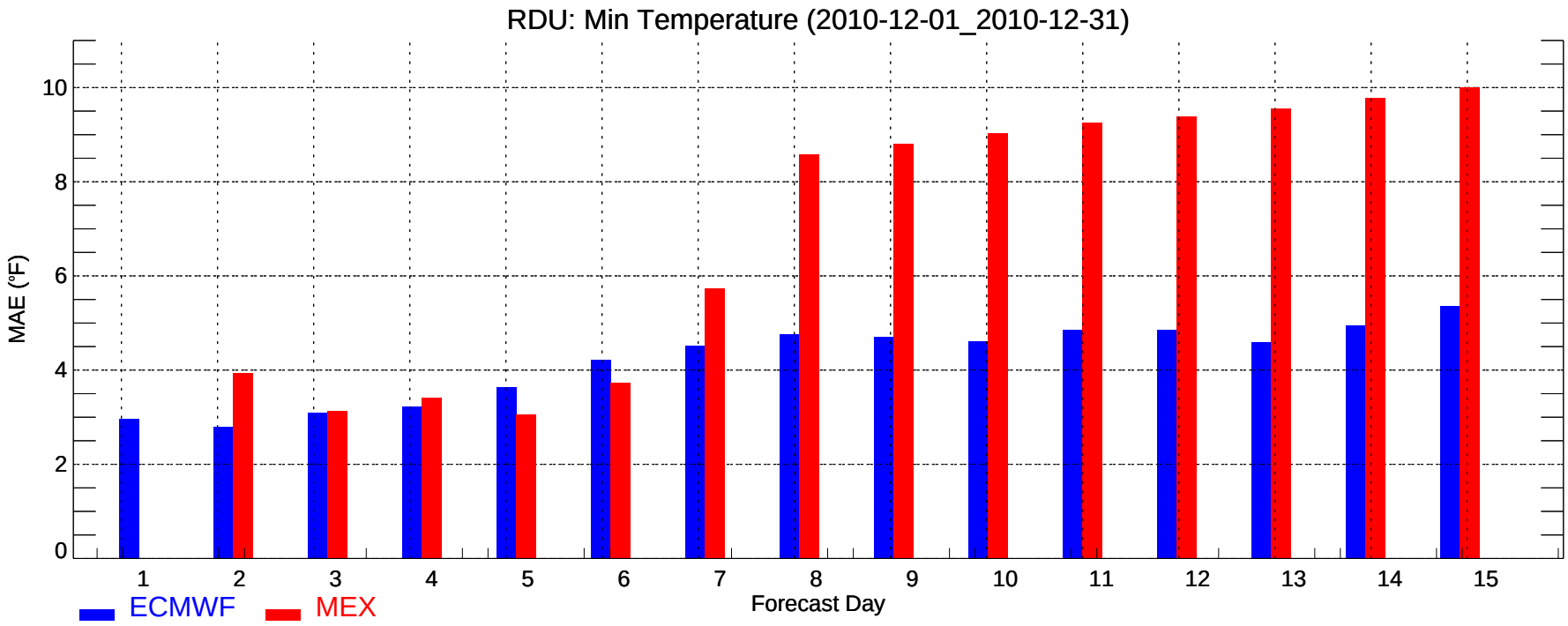

RDD: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

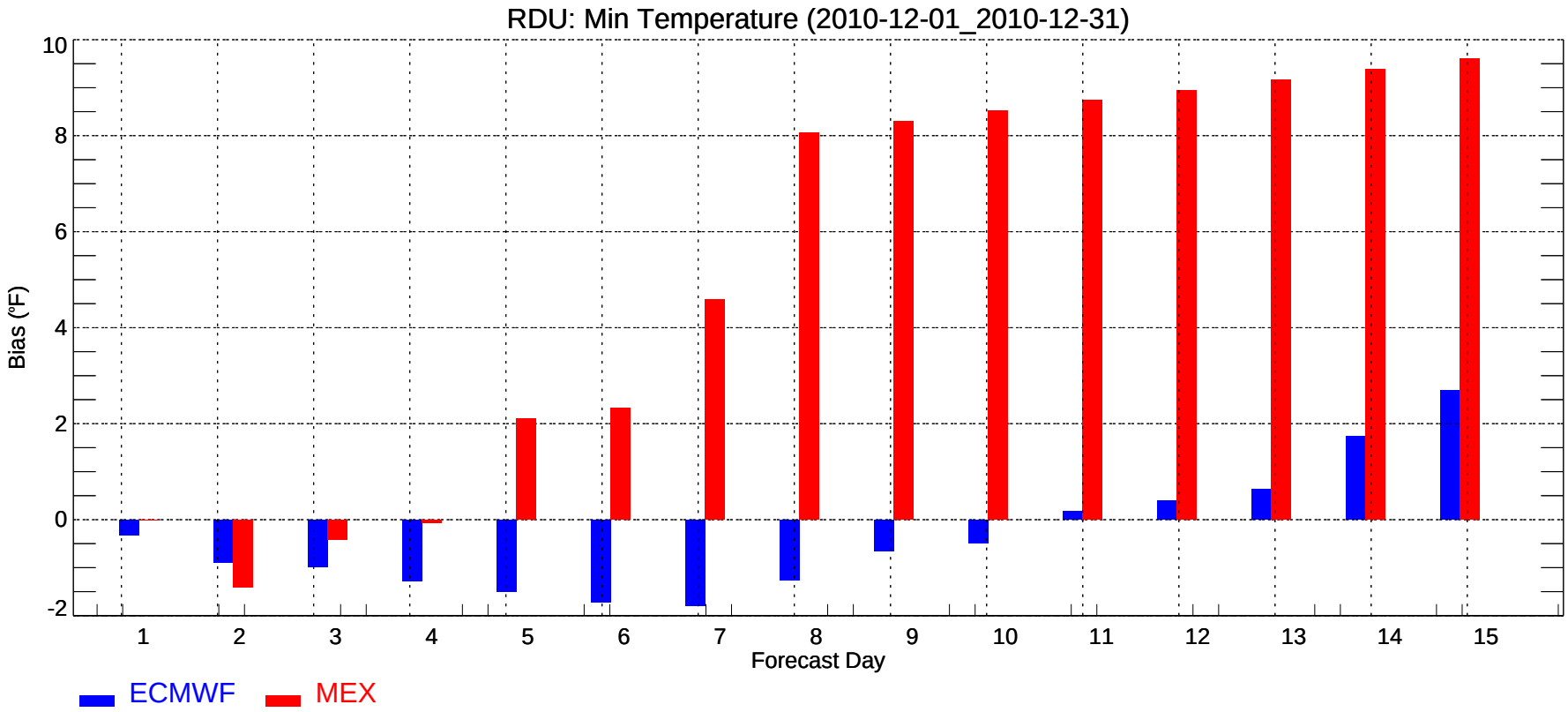

RDD: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

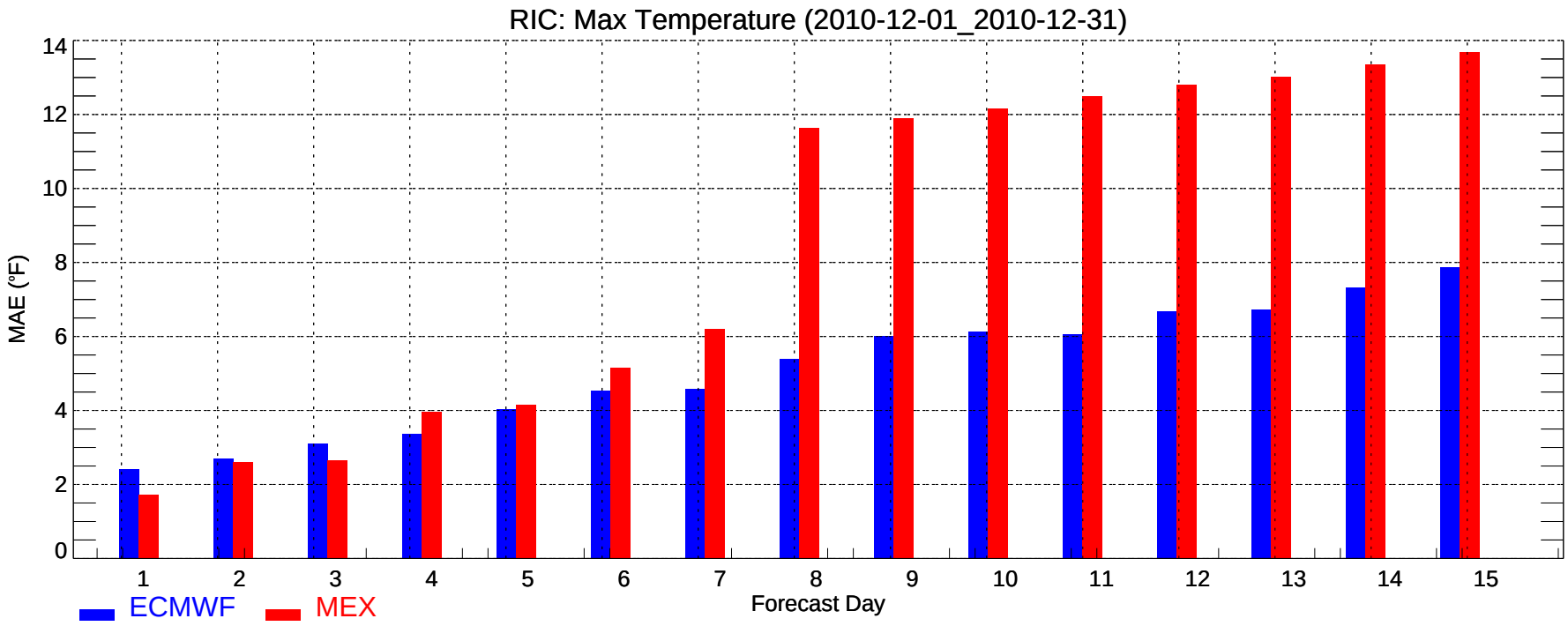

RDD: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

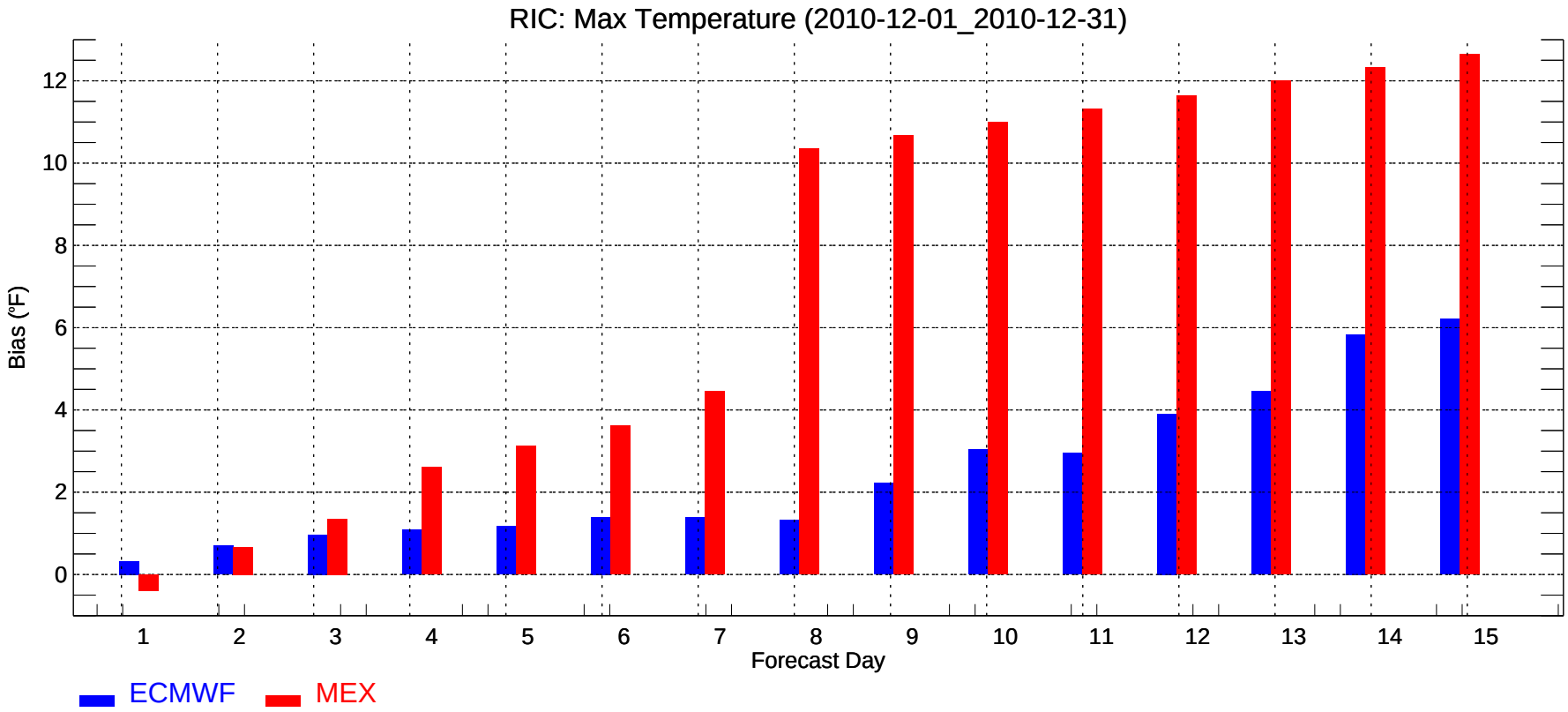

RDU: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

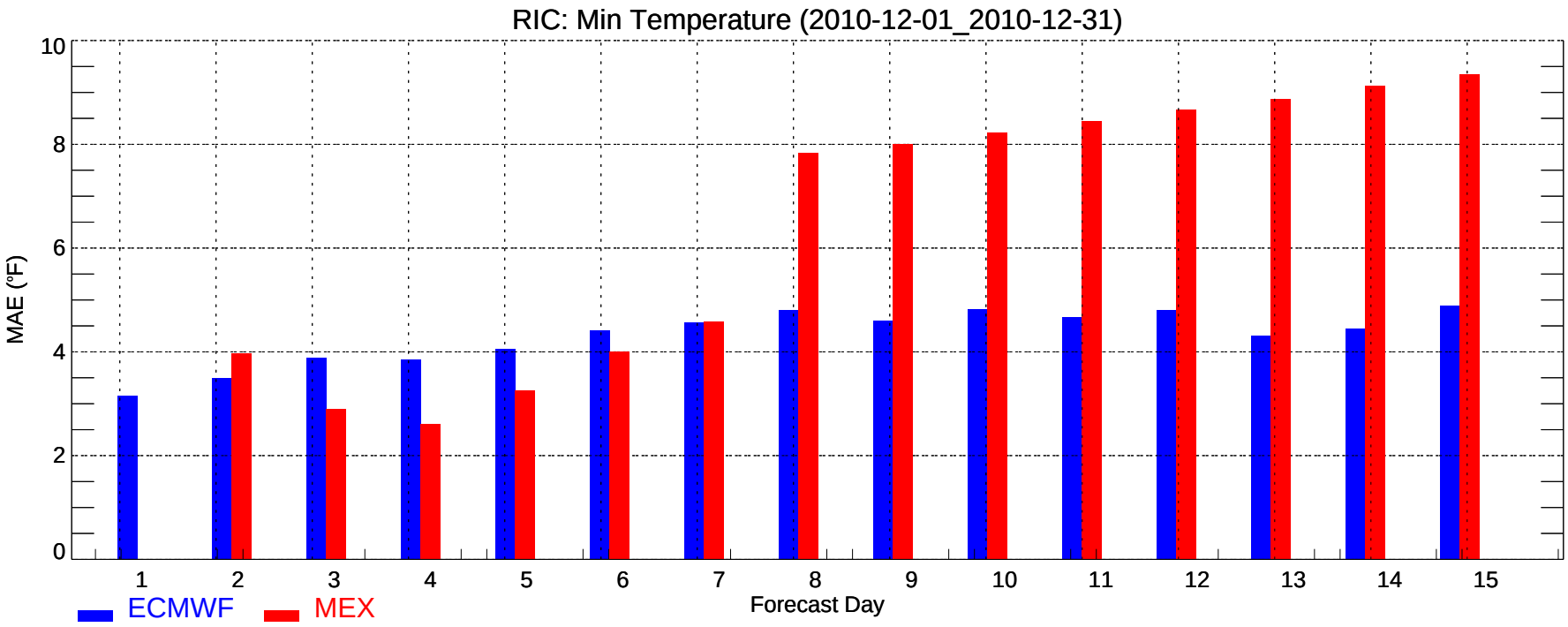

RDU: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

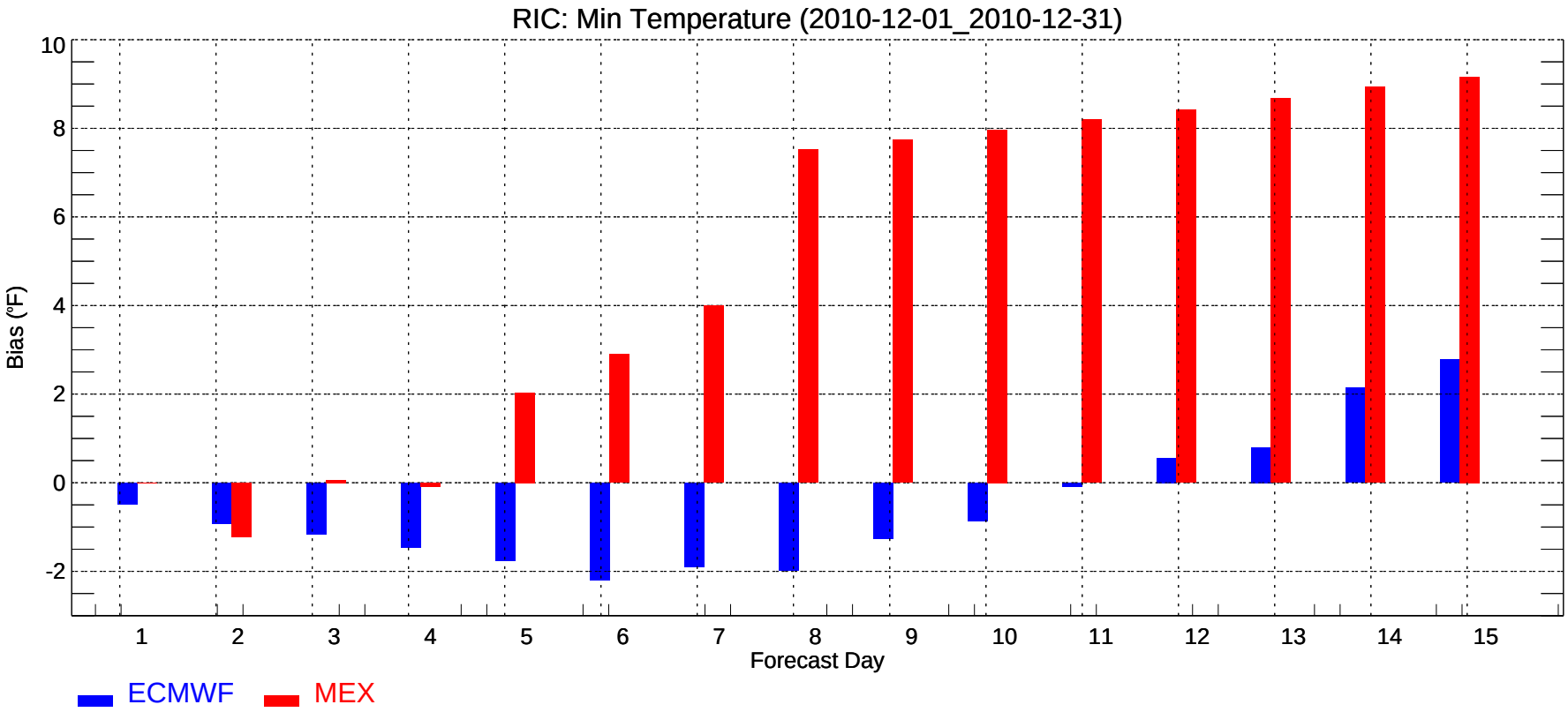

RDU: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

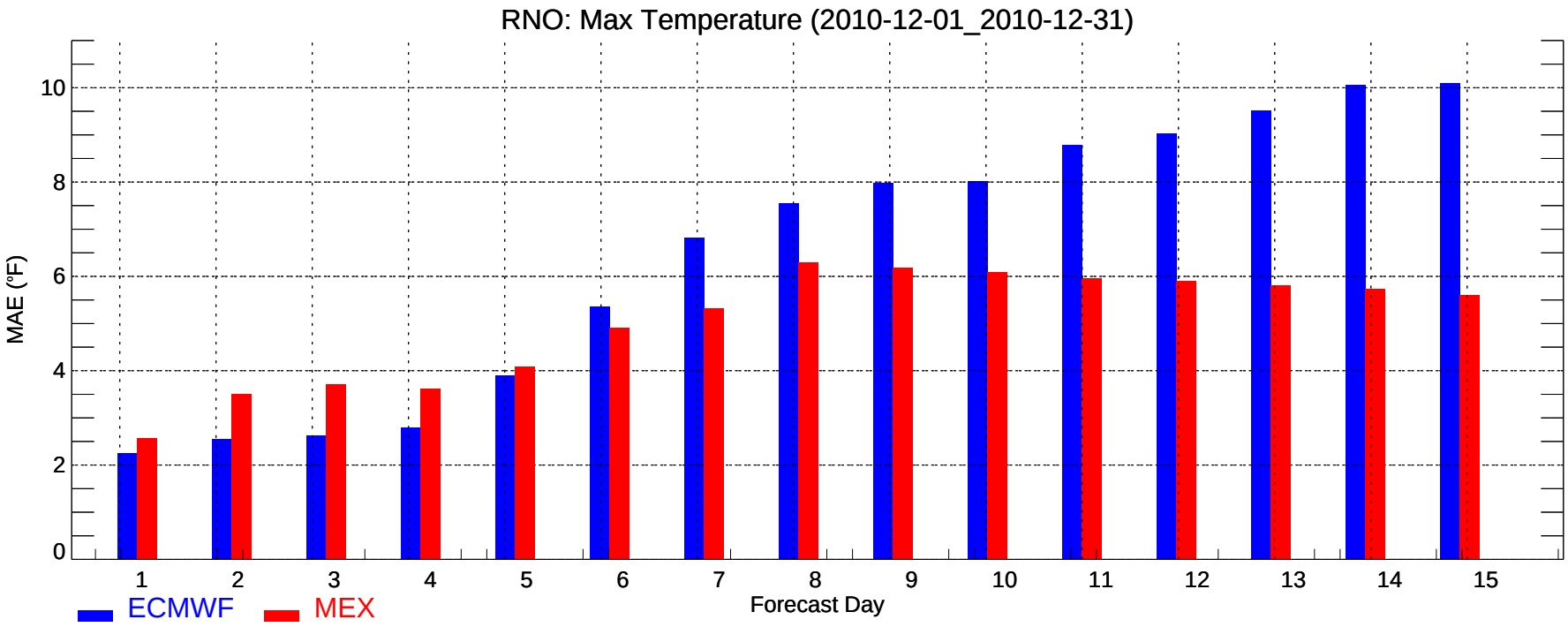

RDU: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

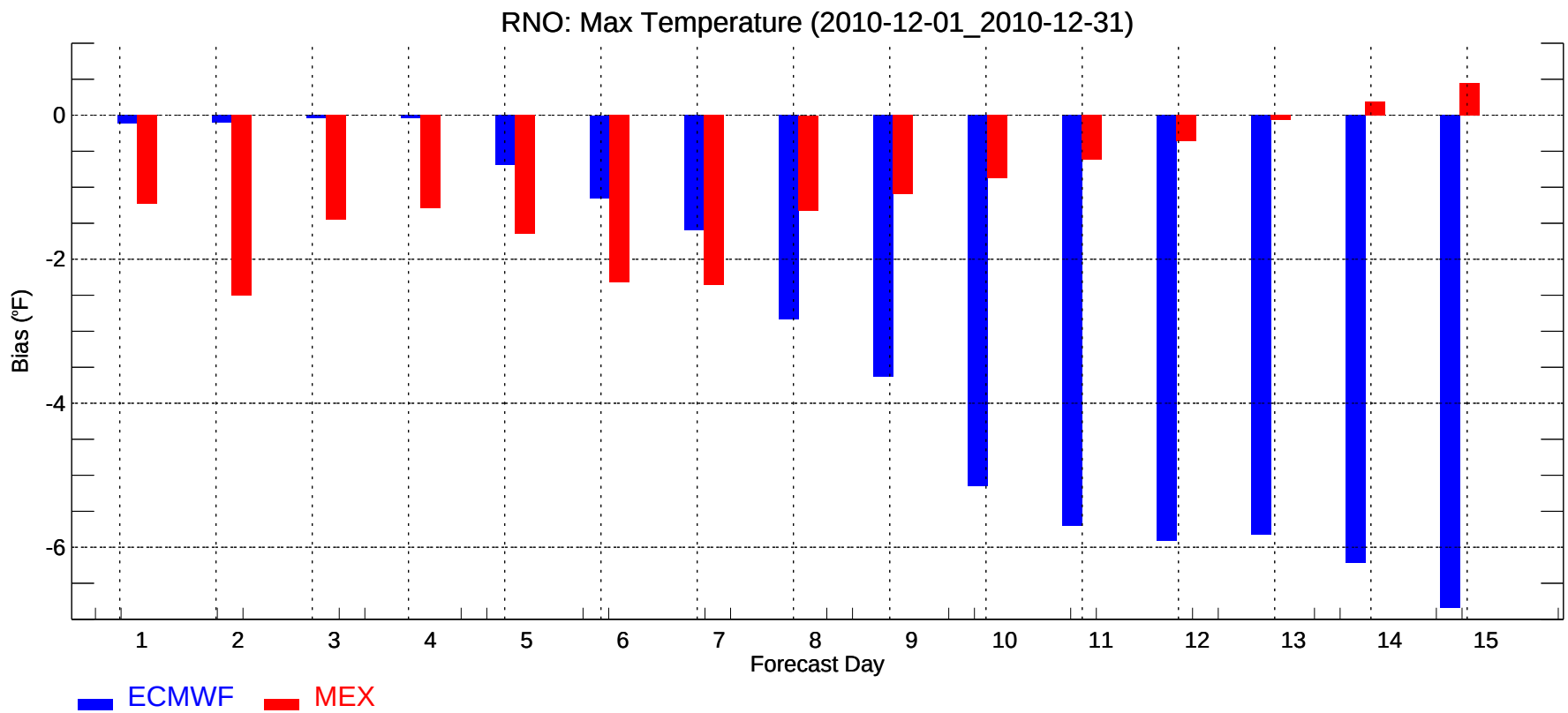

RIC: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

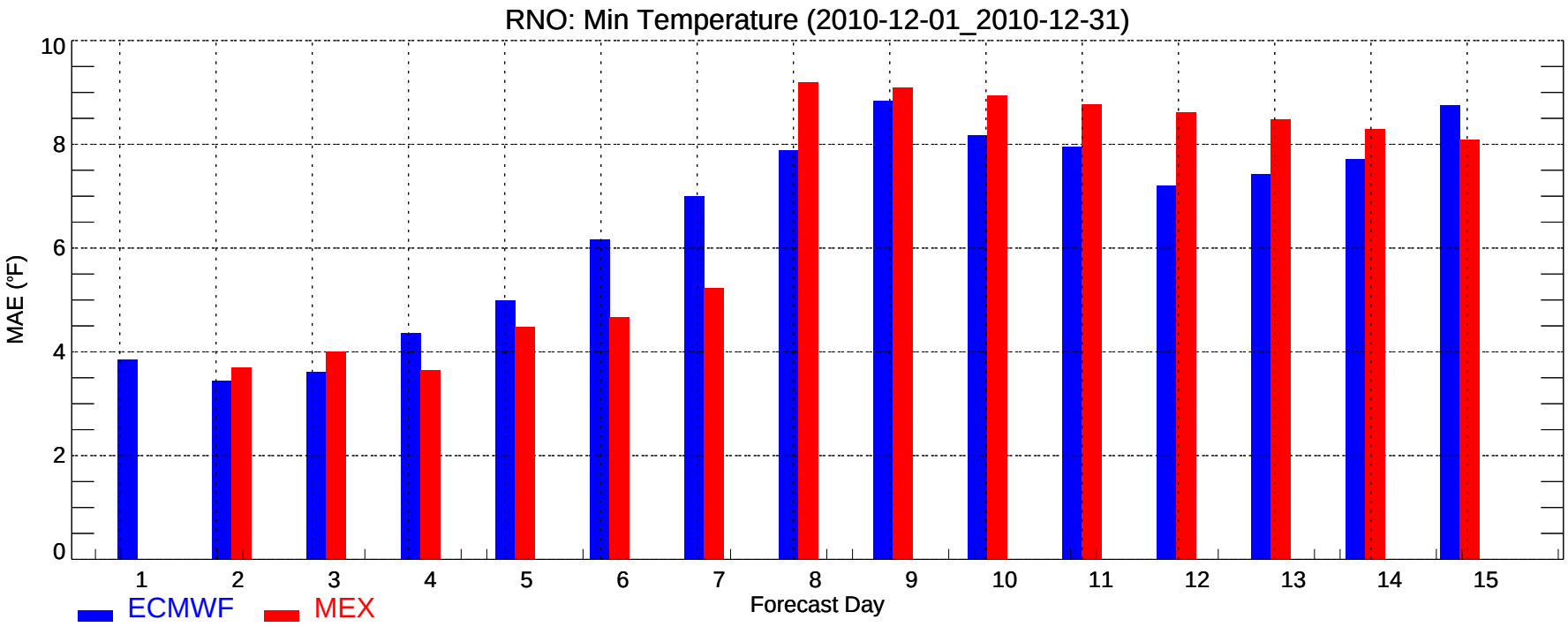

RIC: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

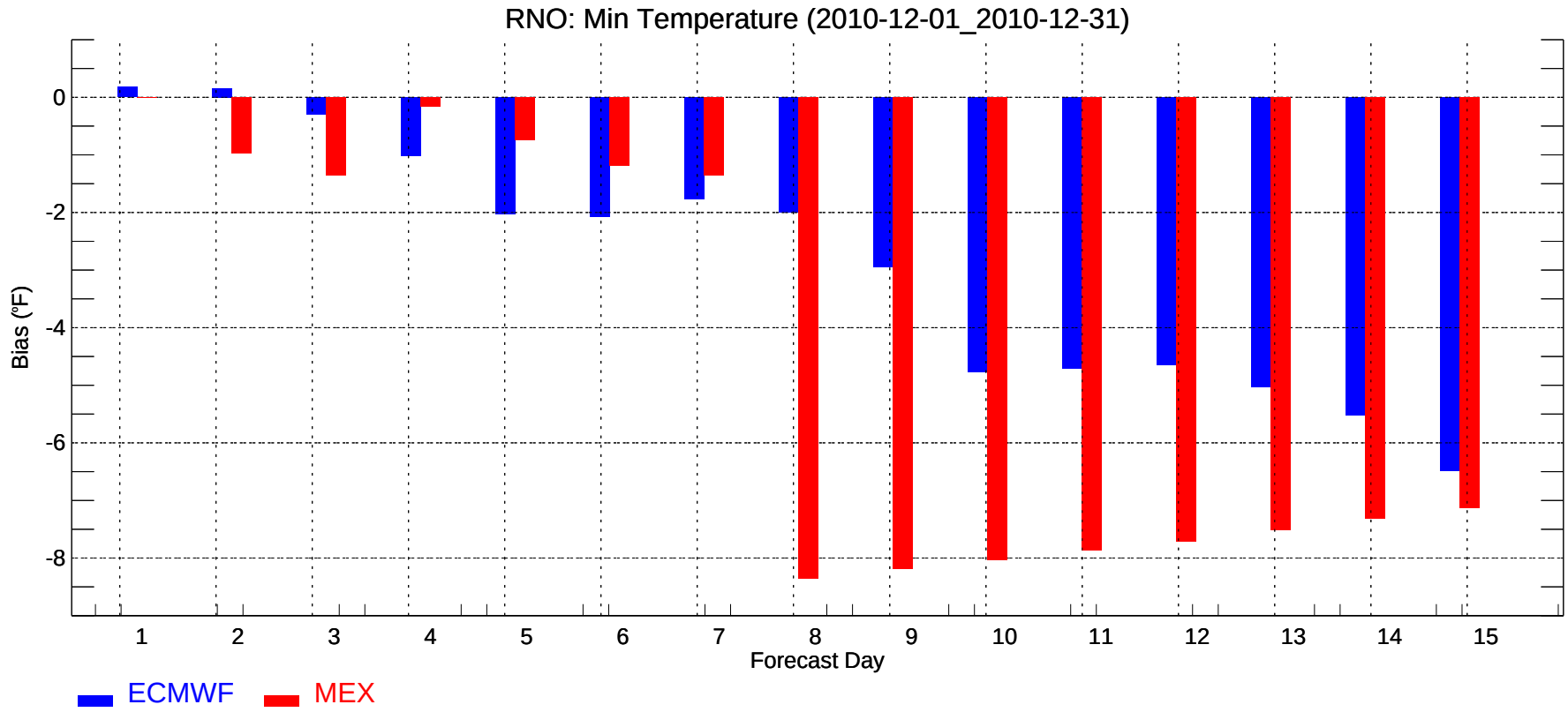

RIC: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

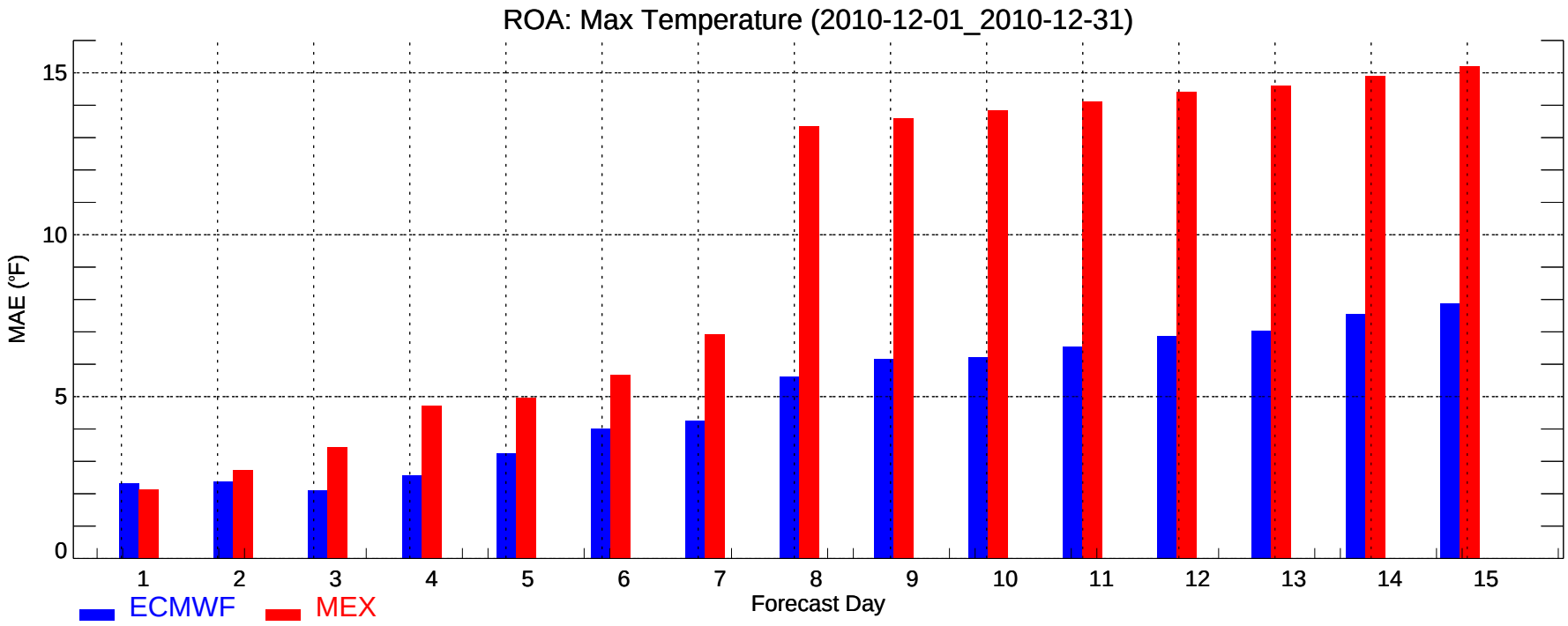

RIC: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

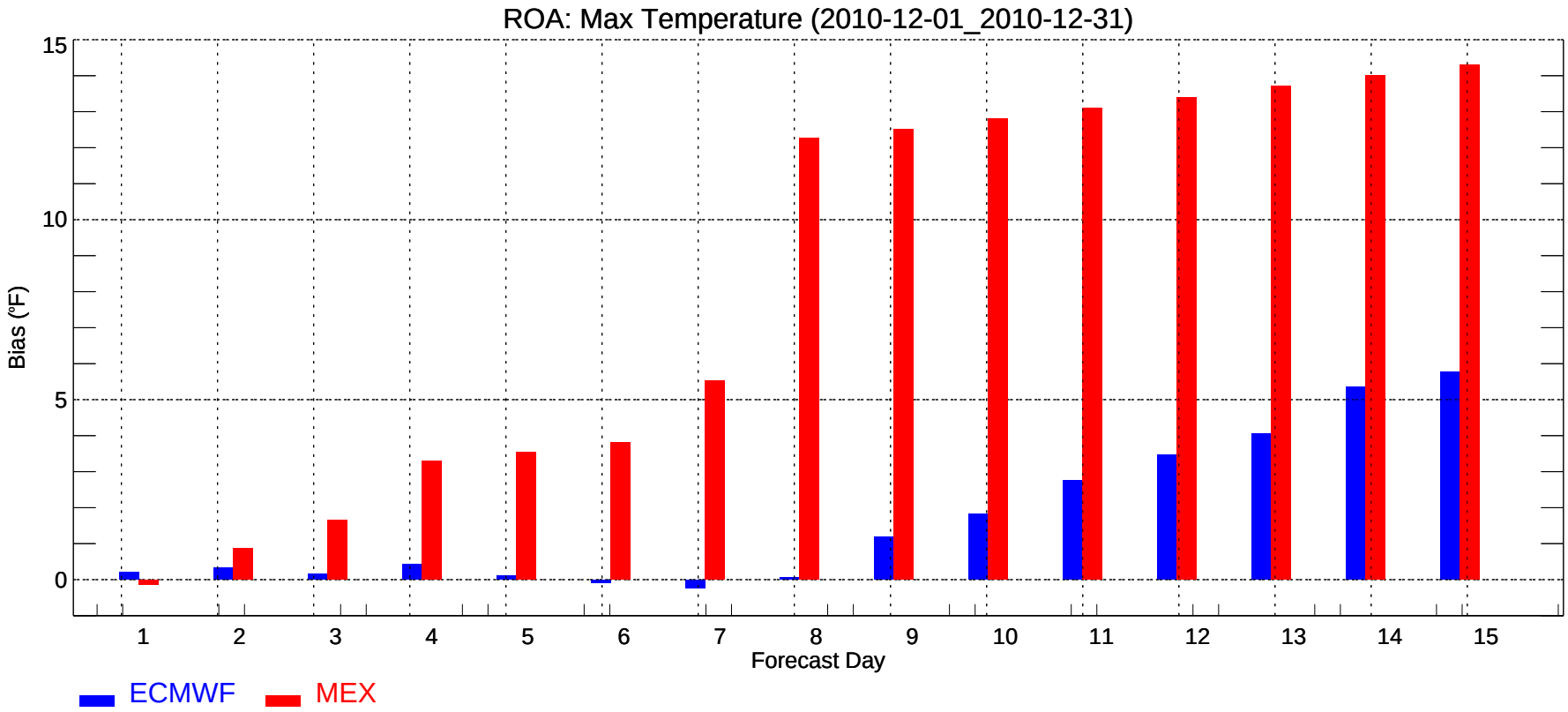

RNO: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

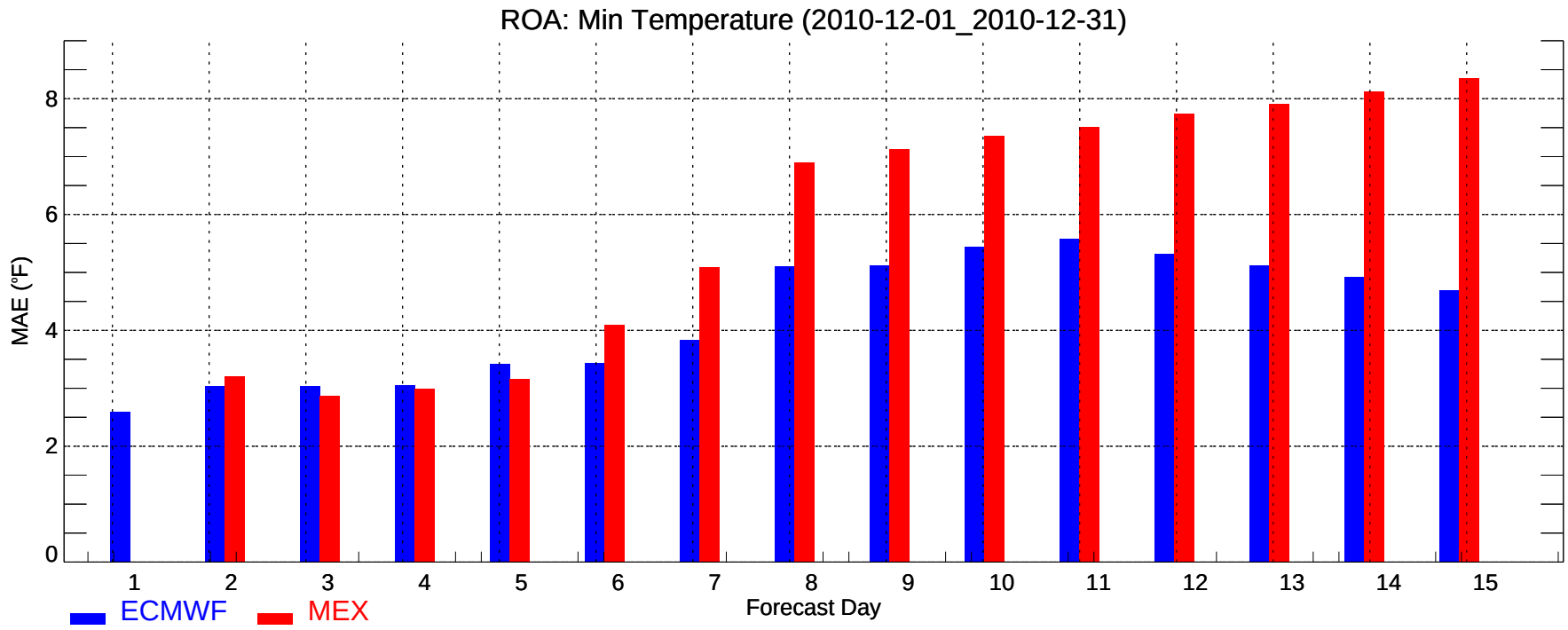

RNO: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

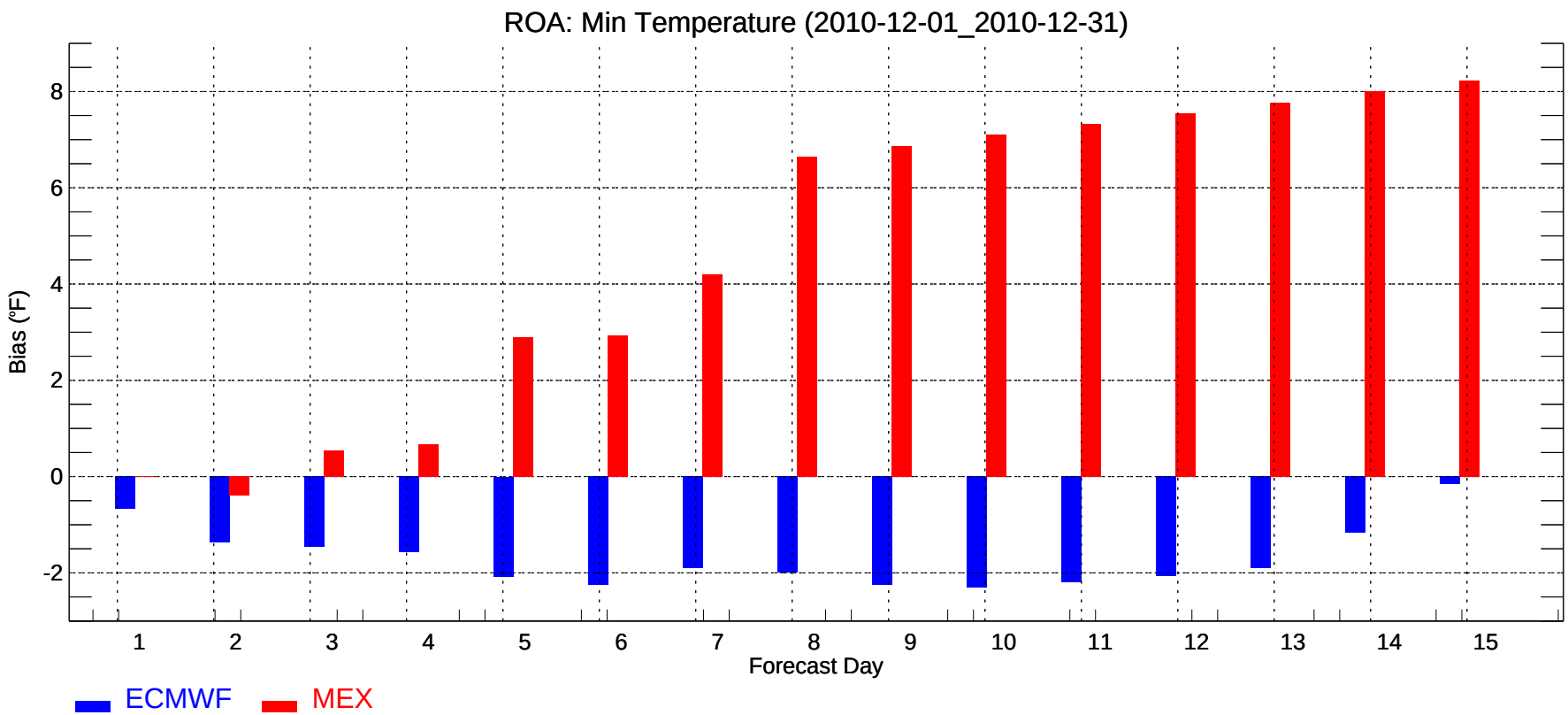

RNO: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

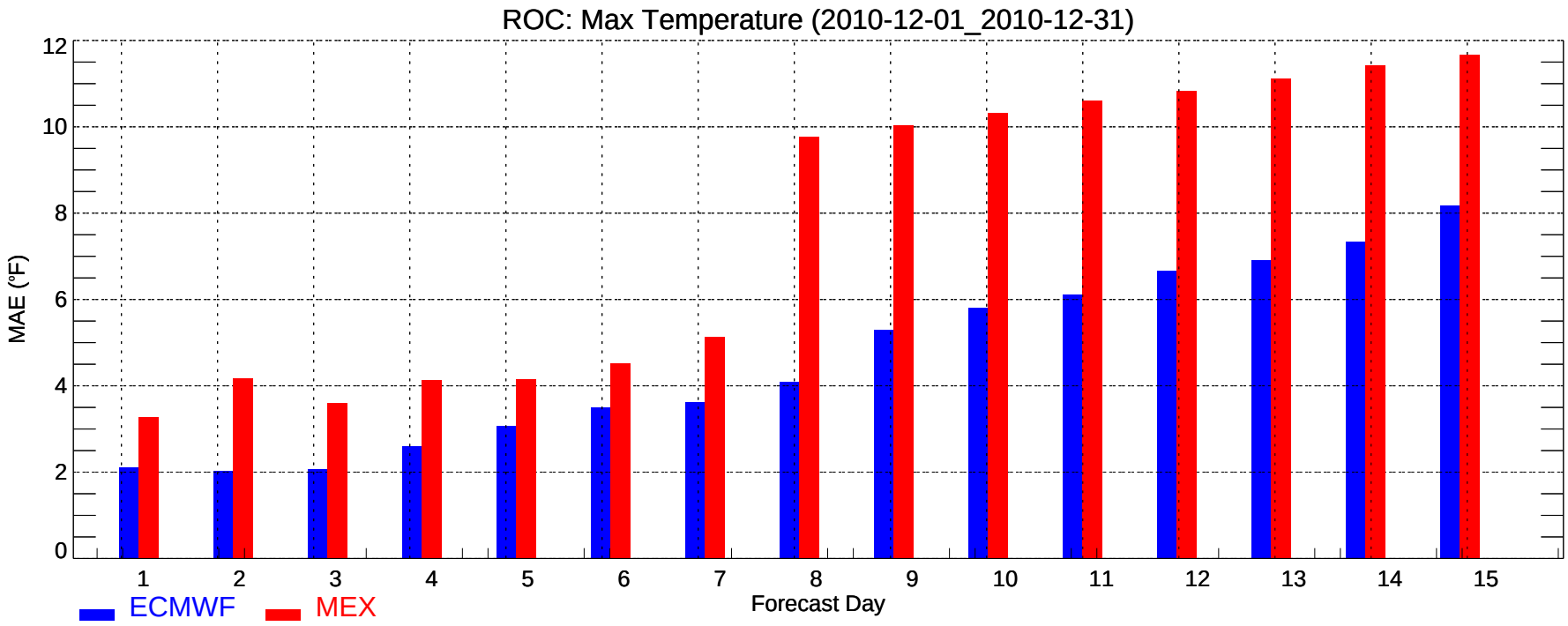

RNO: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

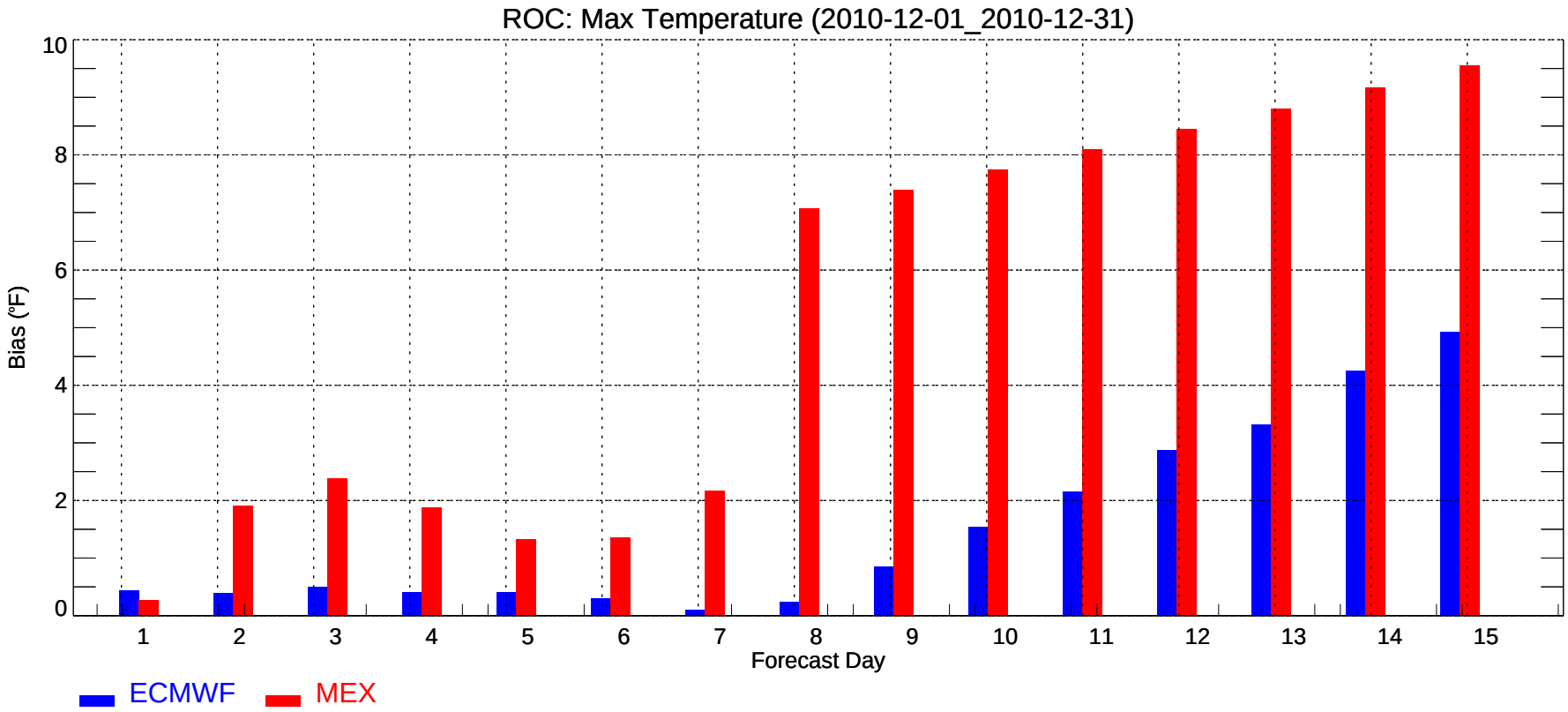

ROA: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

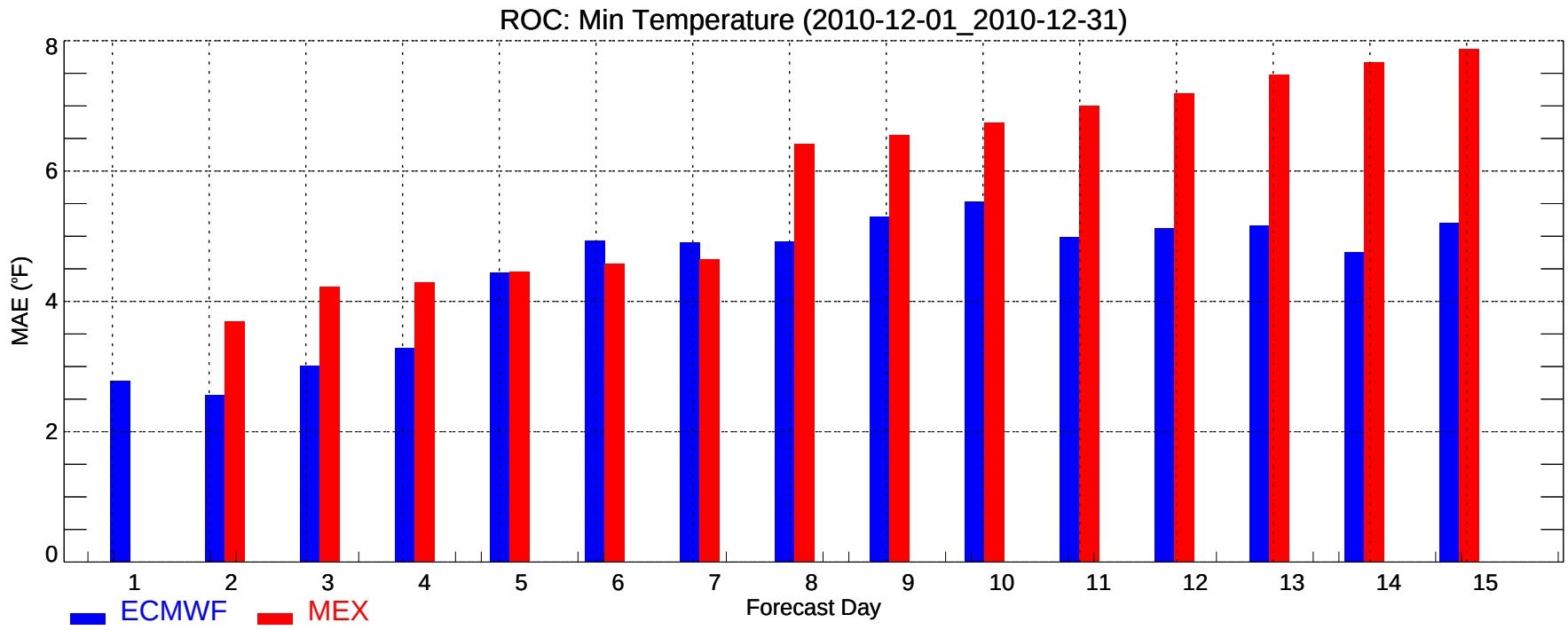

ROA: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

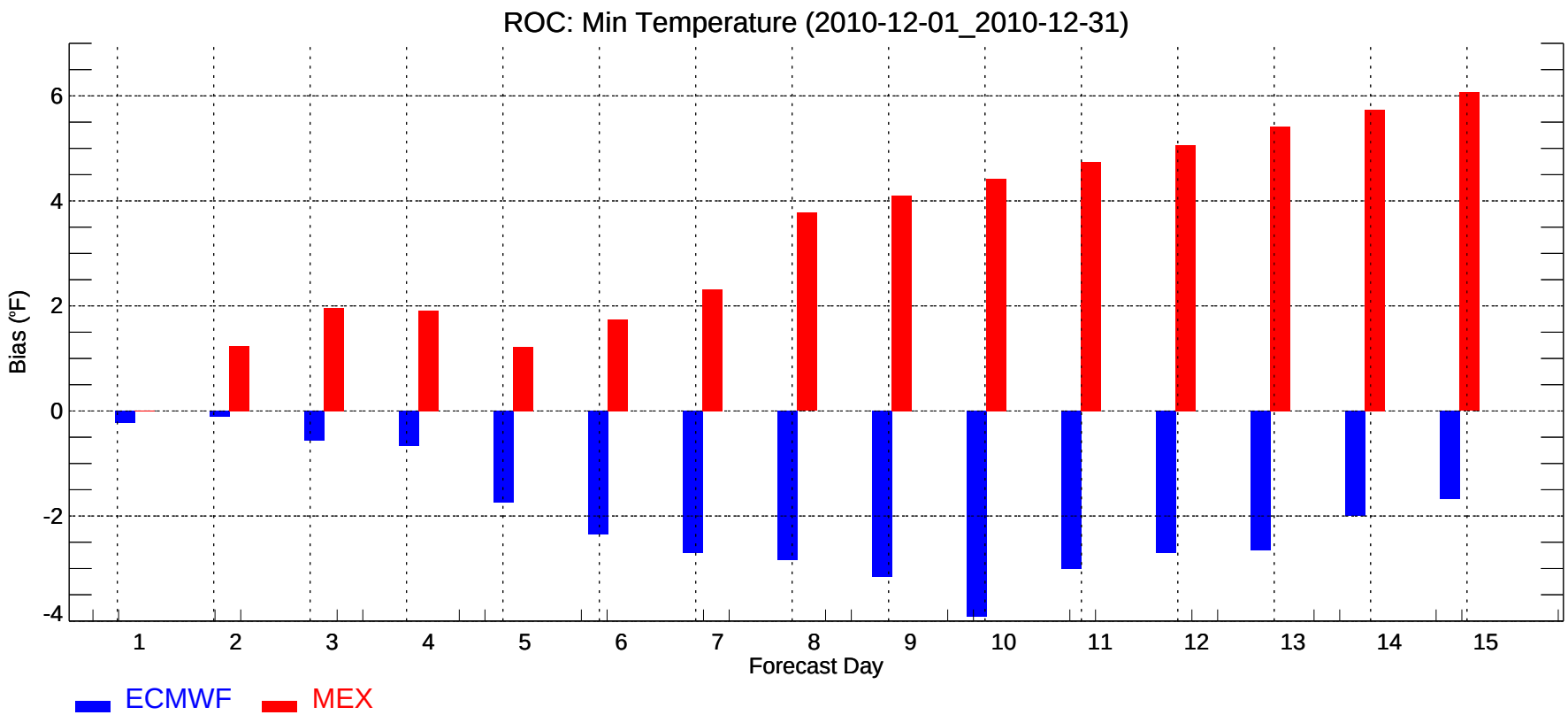

ROA: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

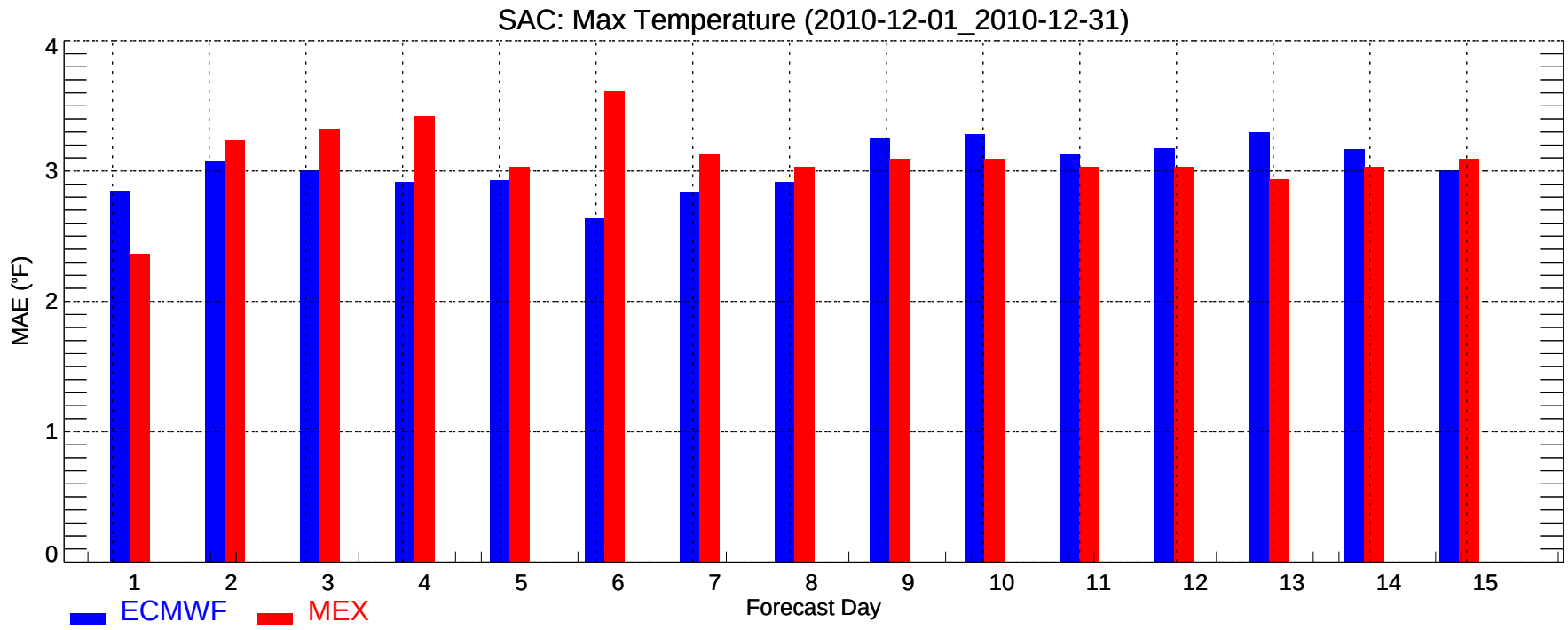

ROA: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

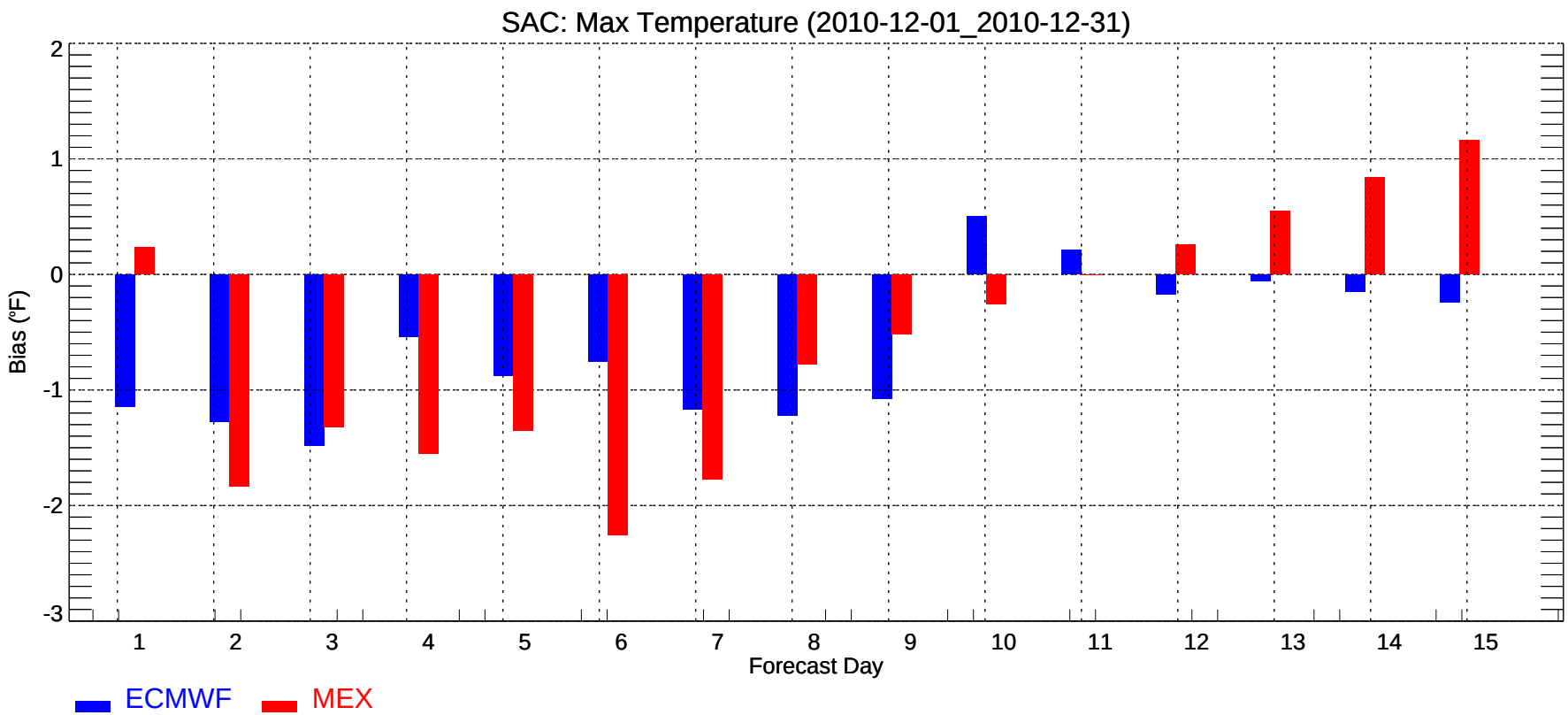

ROC: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

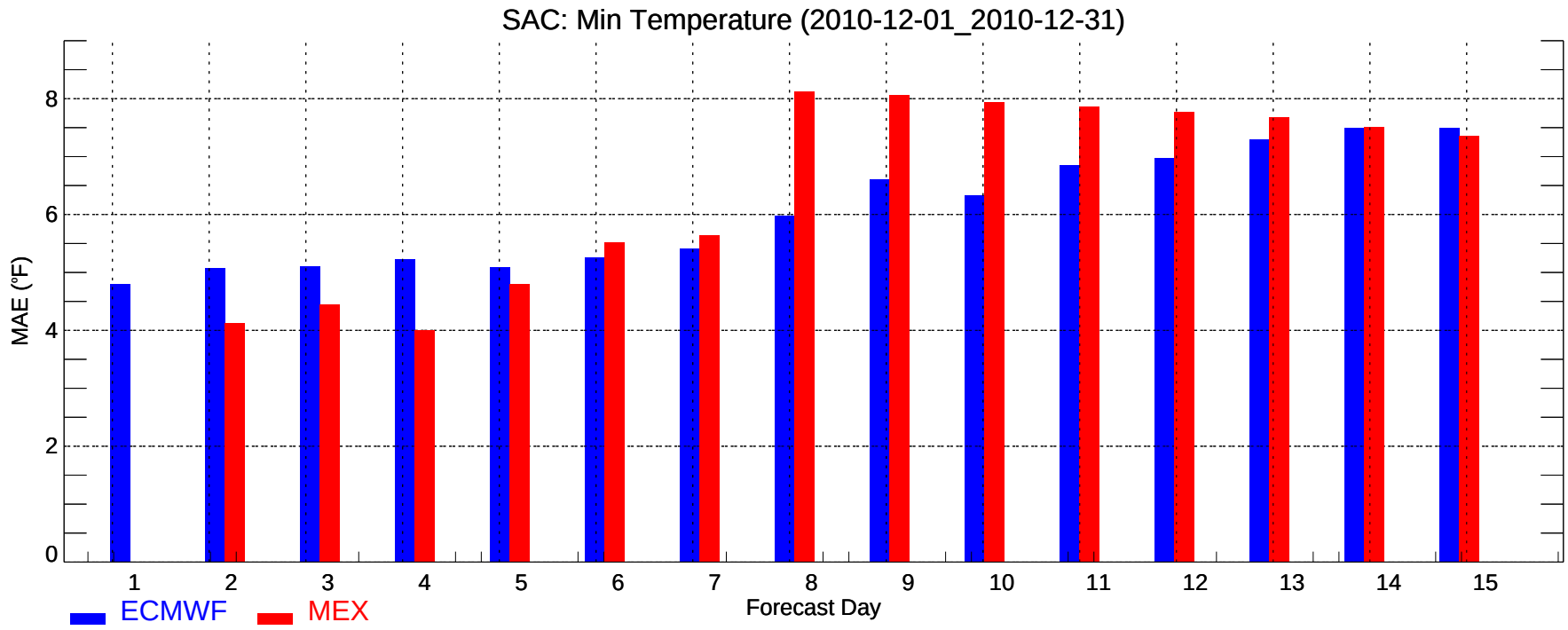

ROC: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

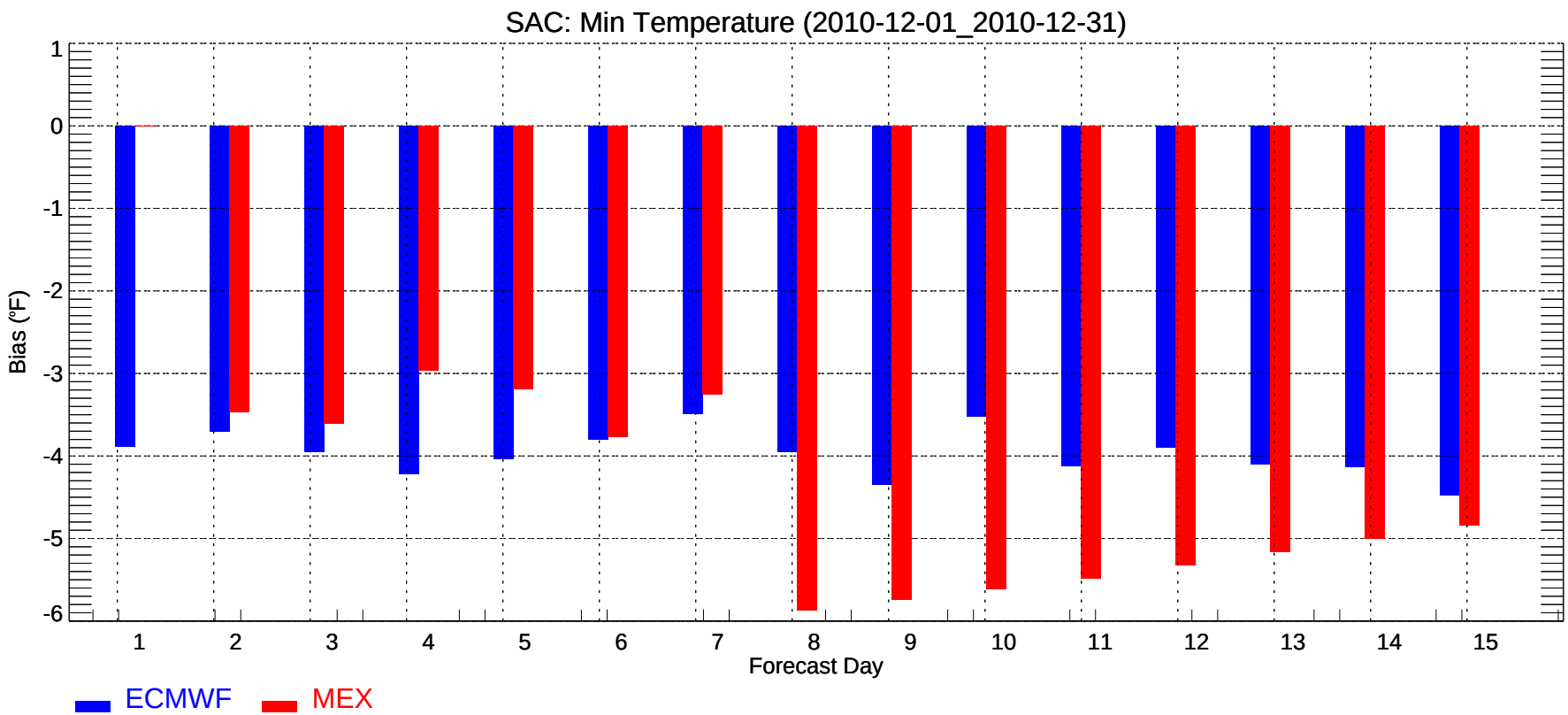

ROC: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

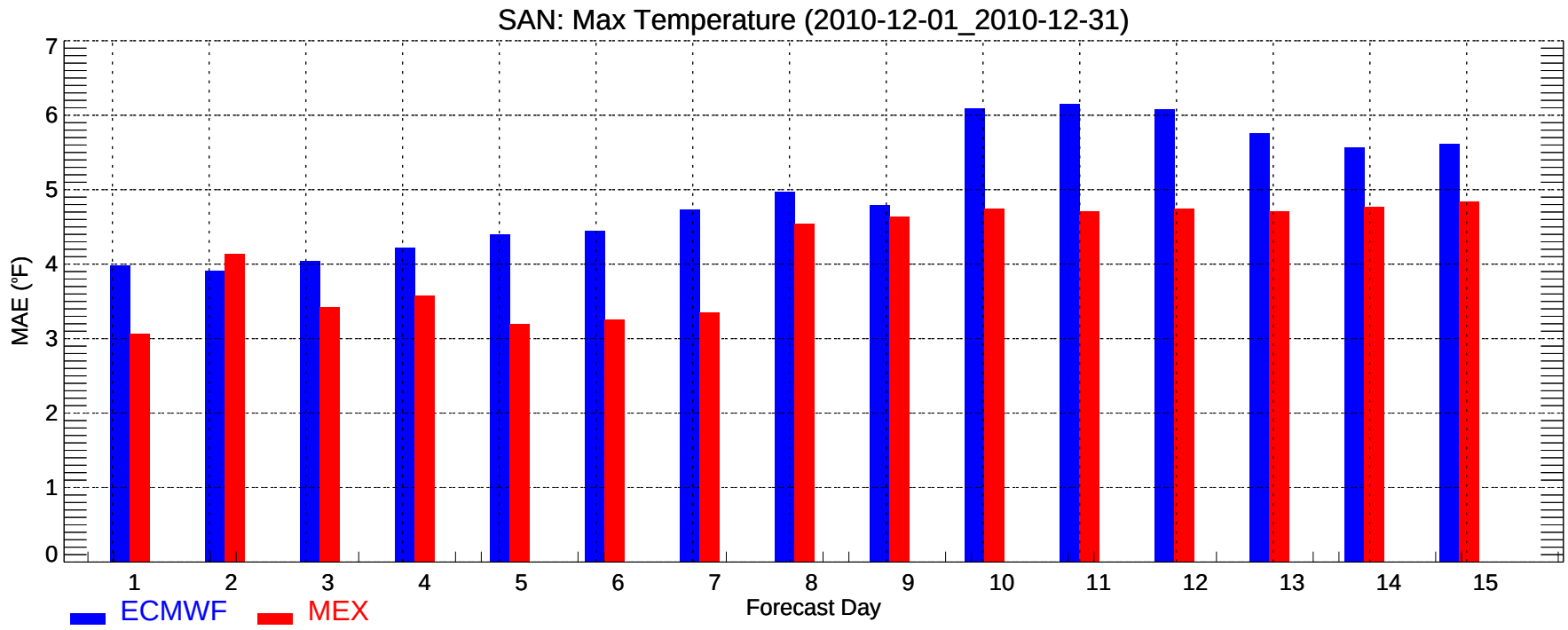

ROC: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

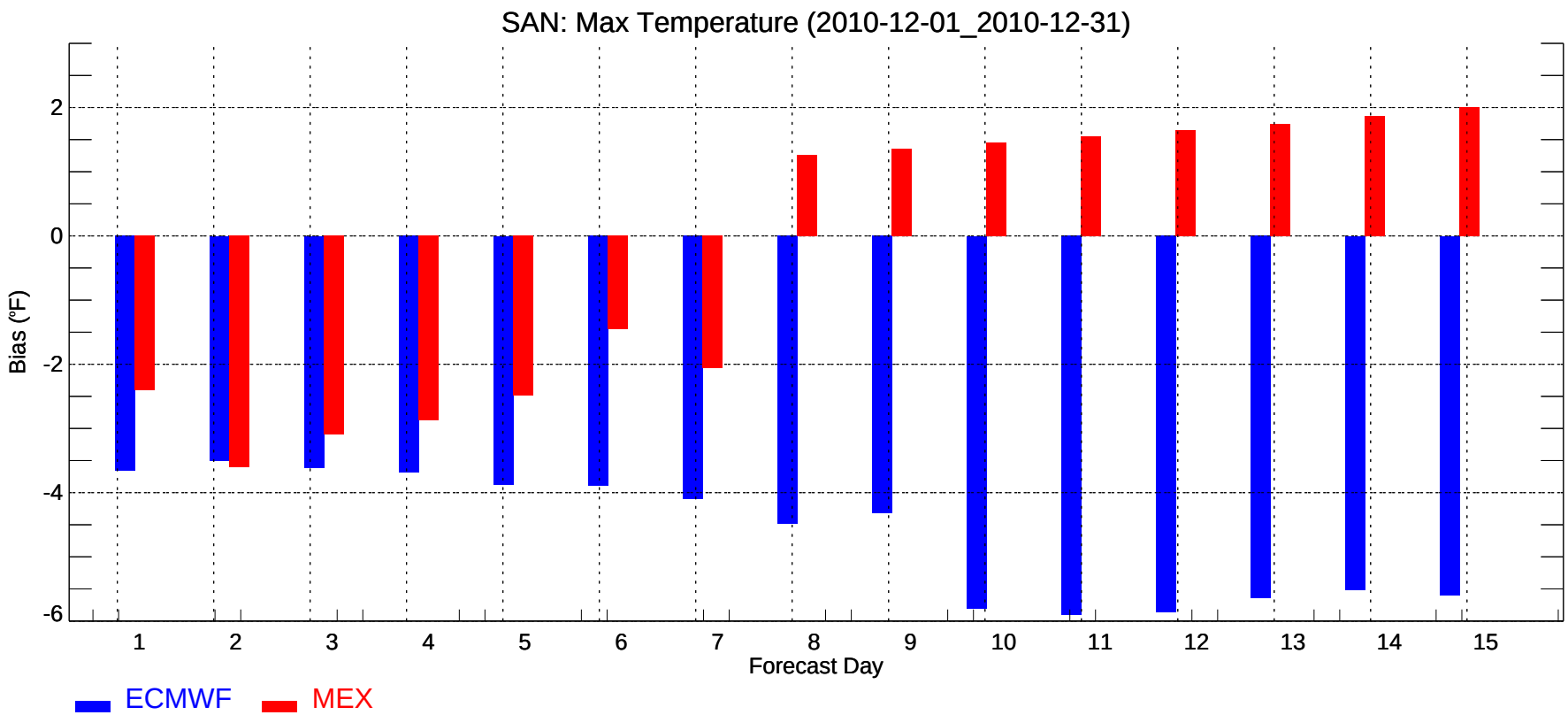

SAC: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

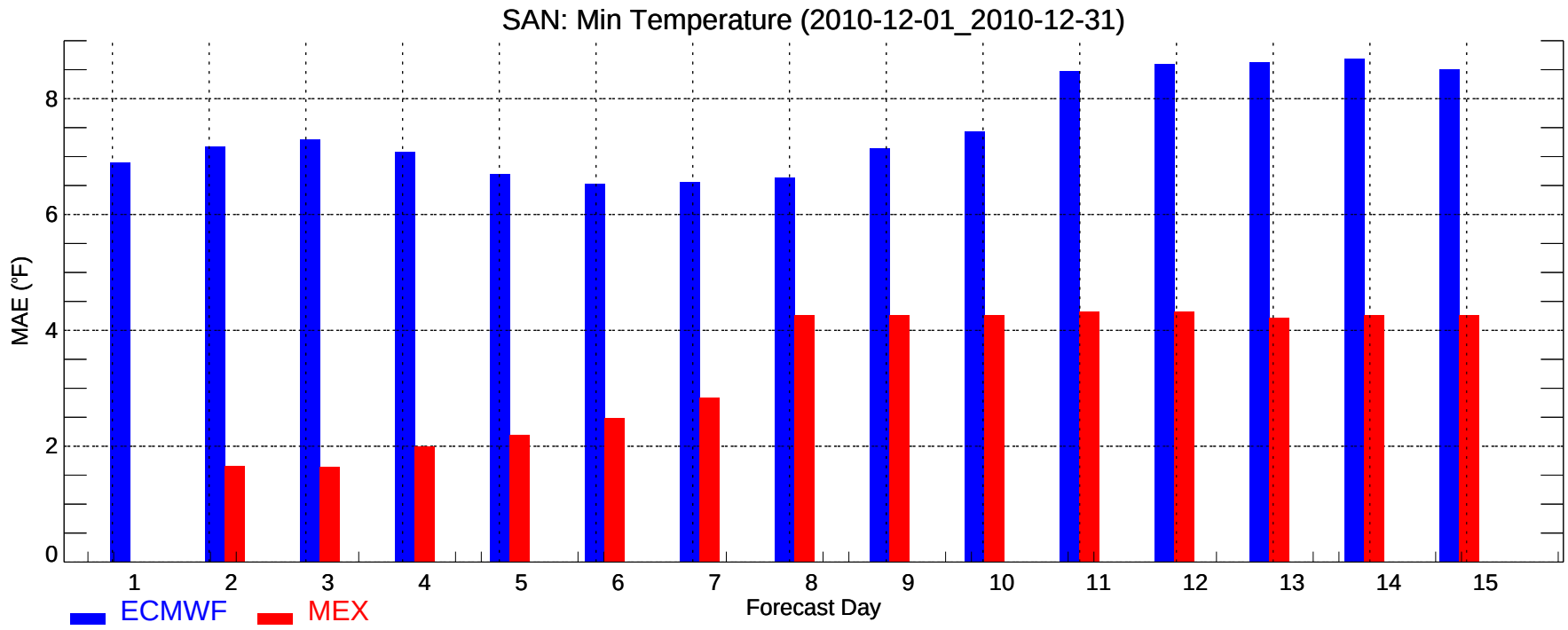

SAC: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

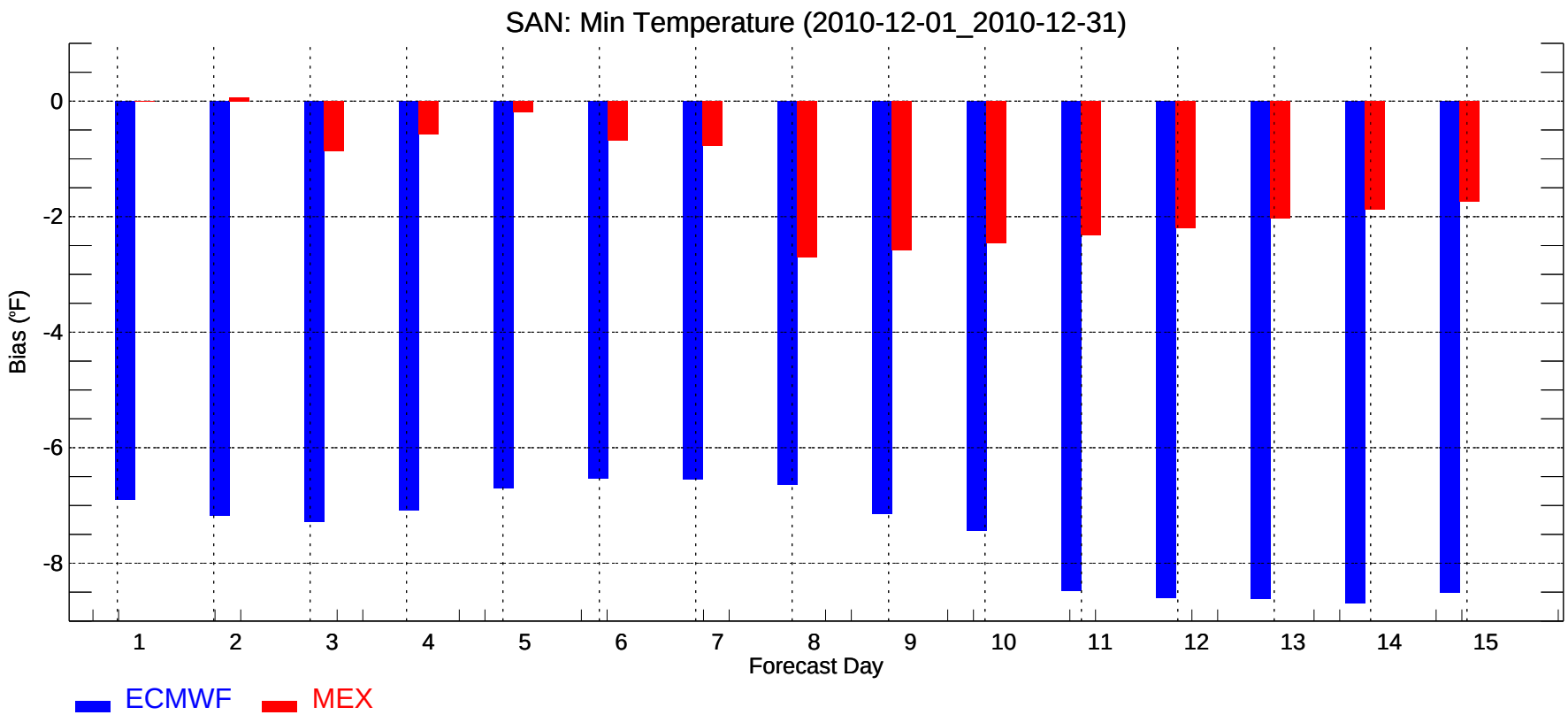

SAC: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

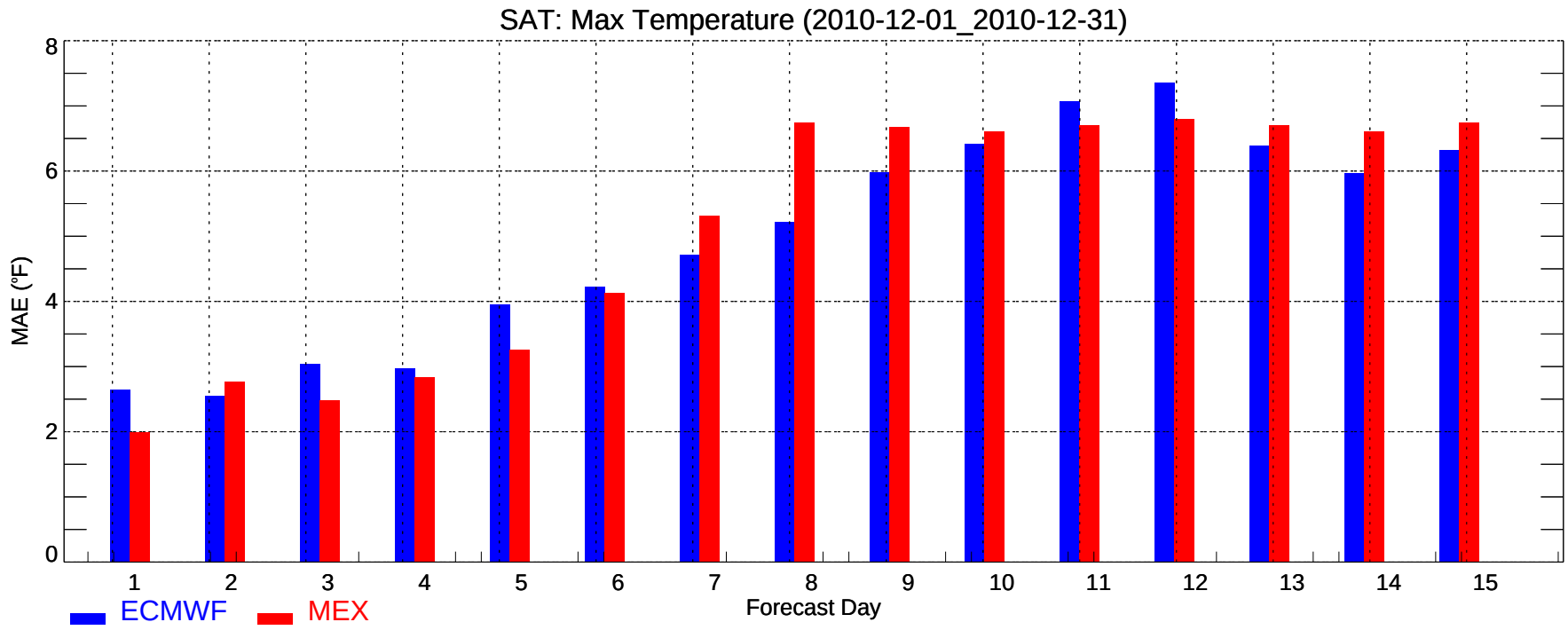

SAC: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

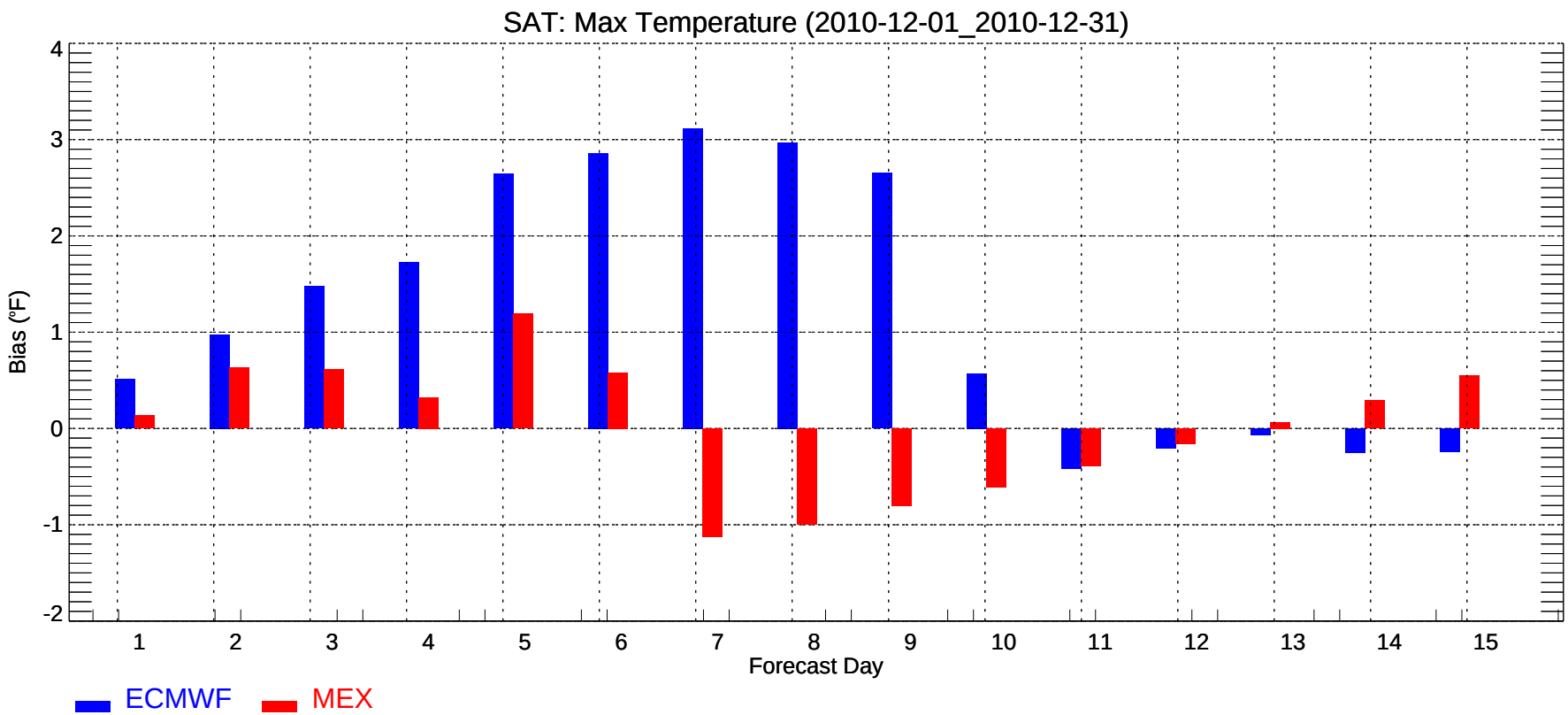

SAN: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

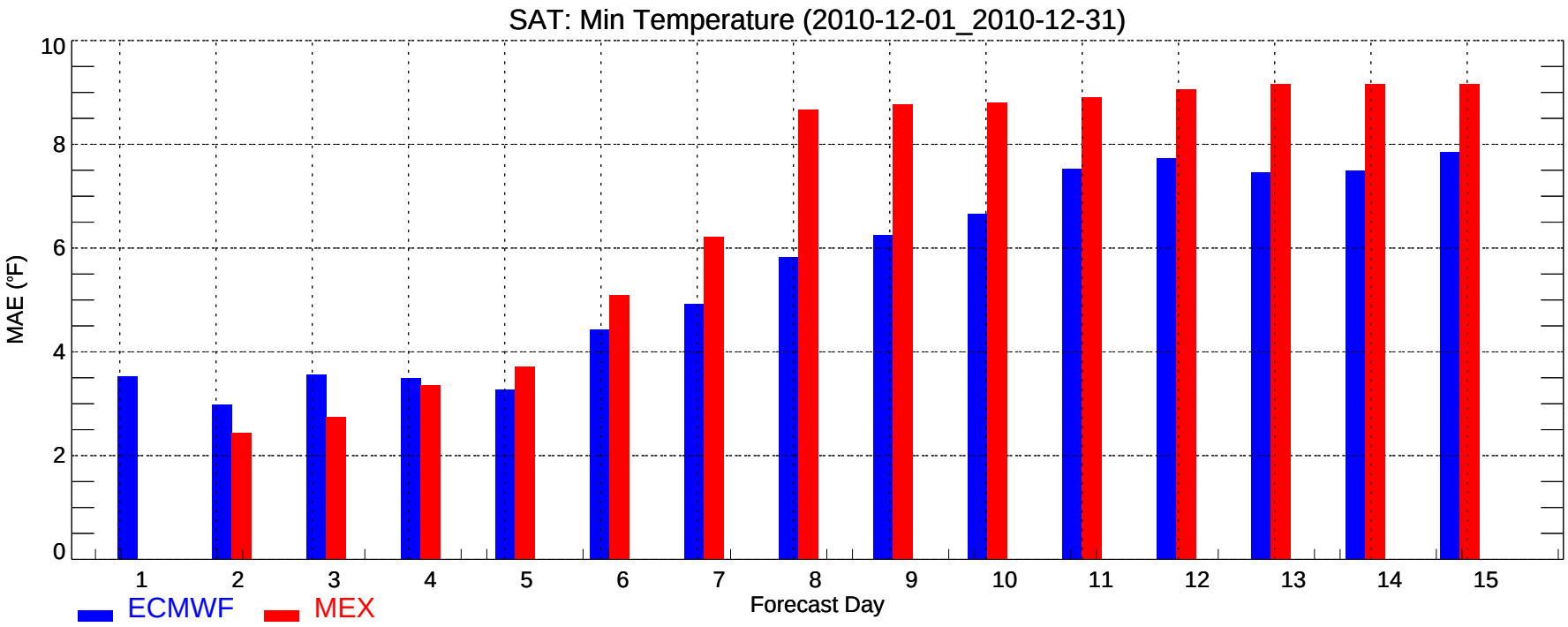

SAN: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

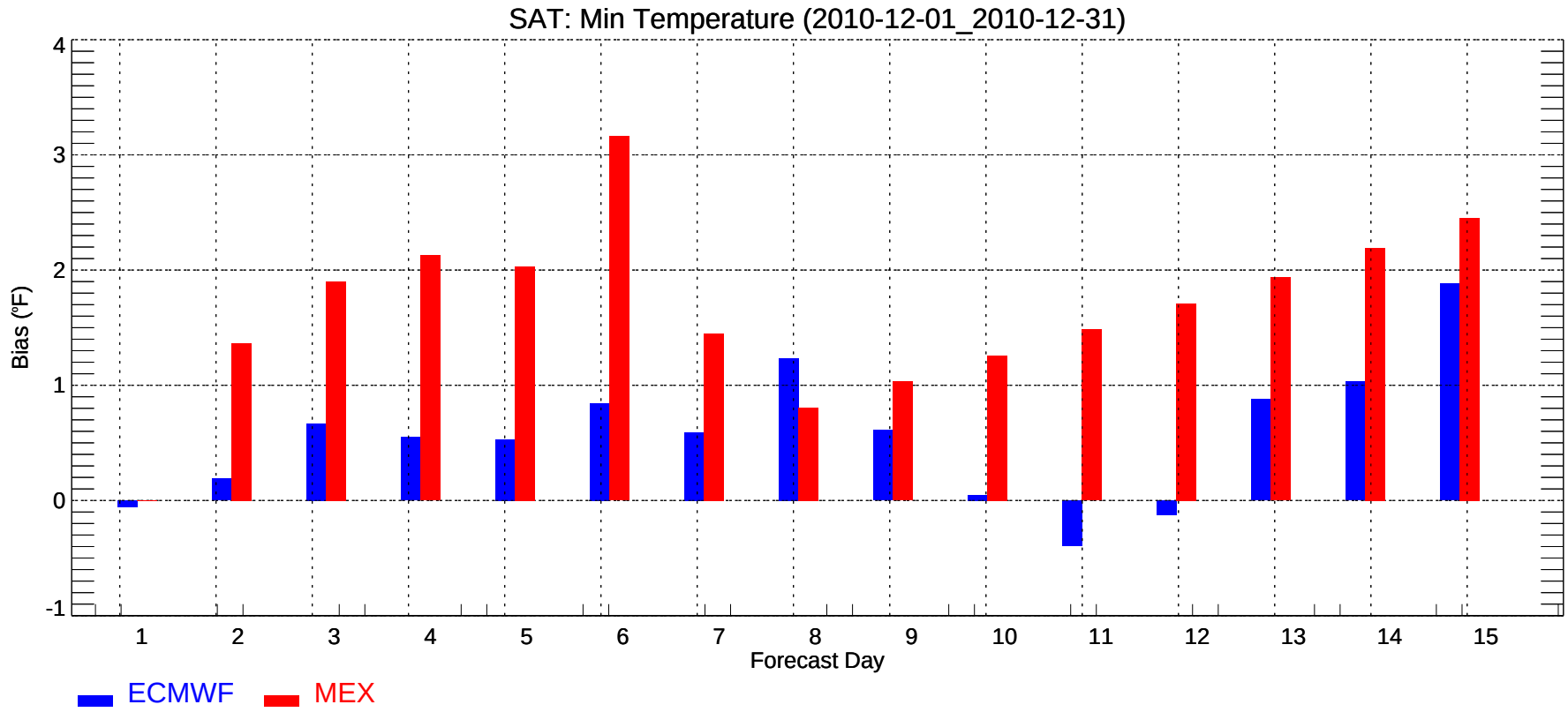

SAN: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

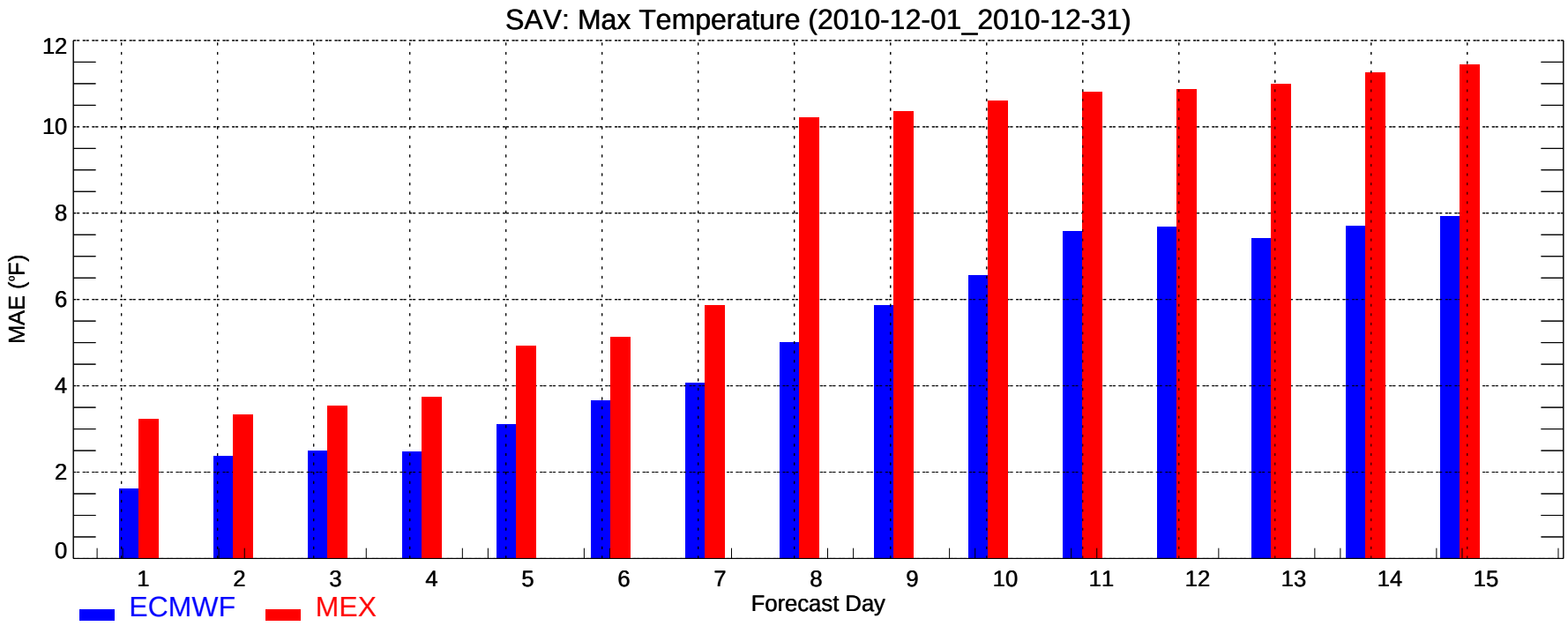

SAN: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

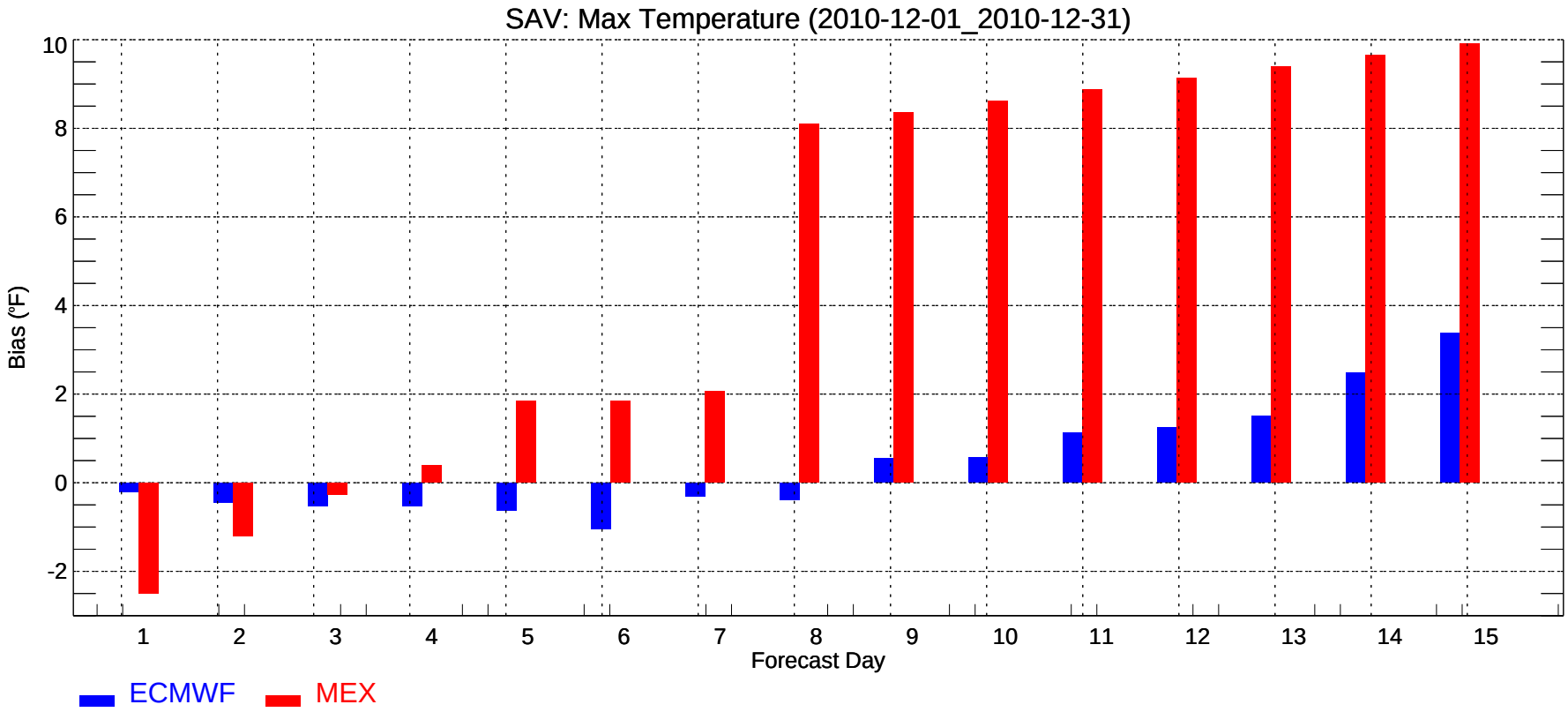

SAT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

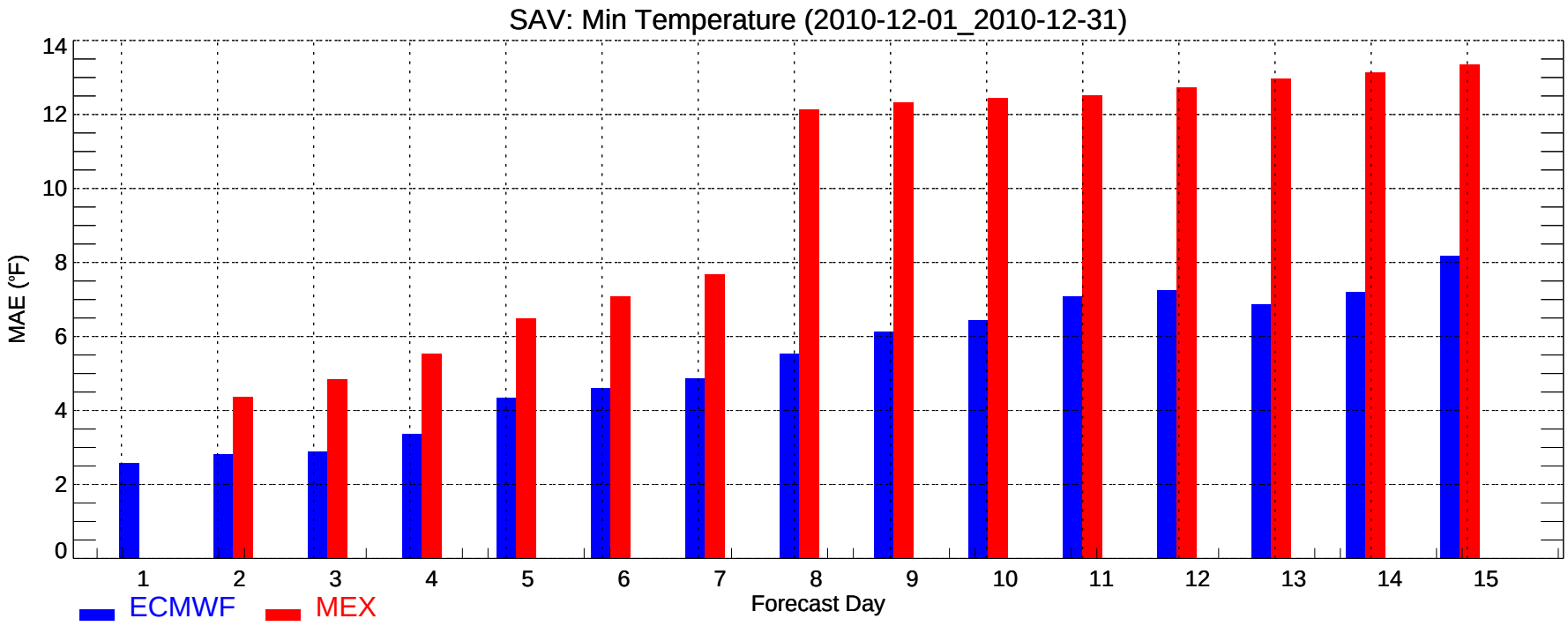

SAT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

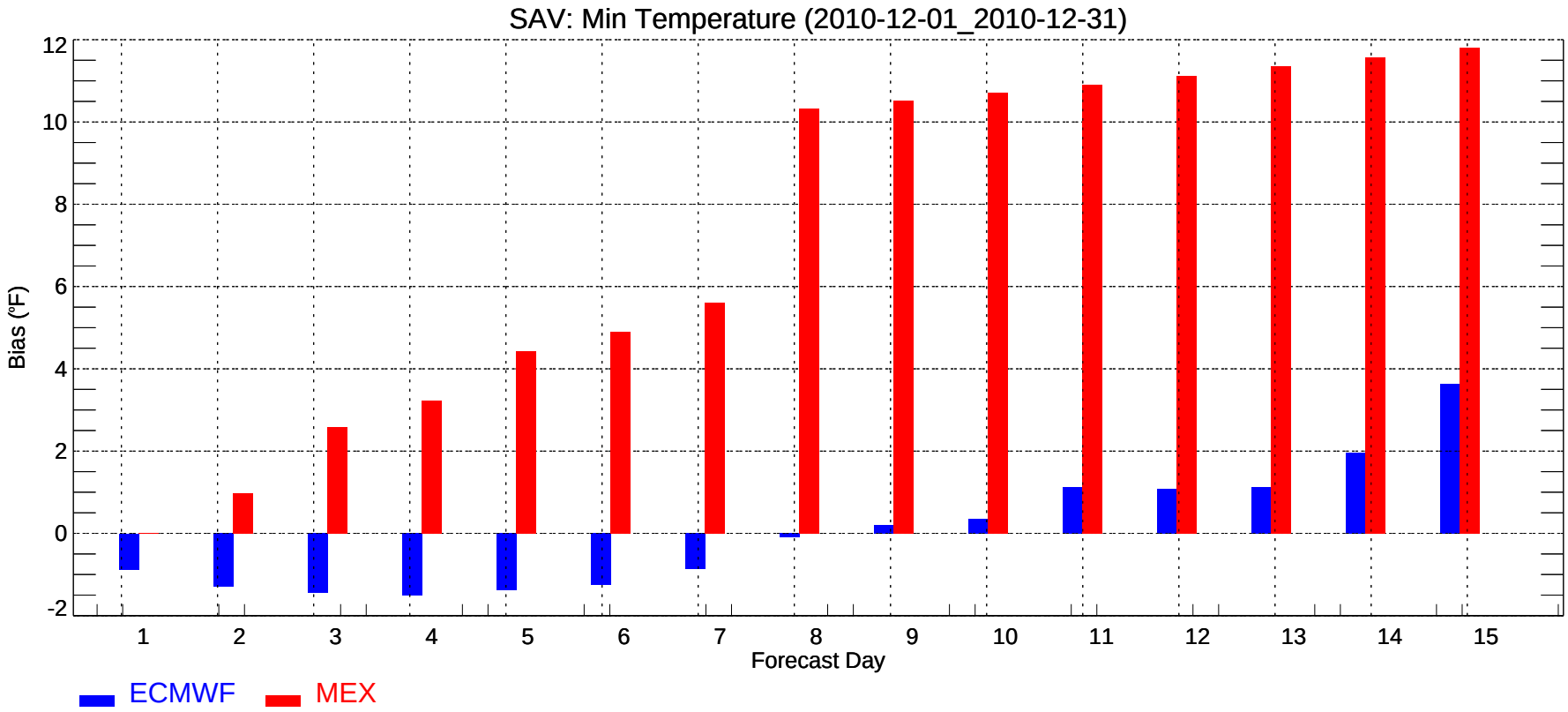

SAT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

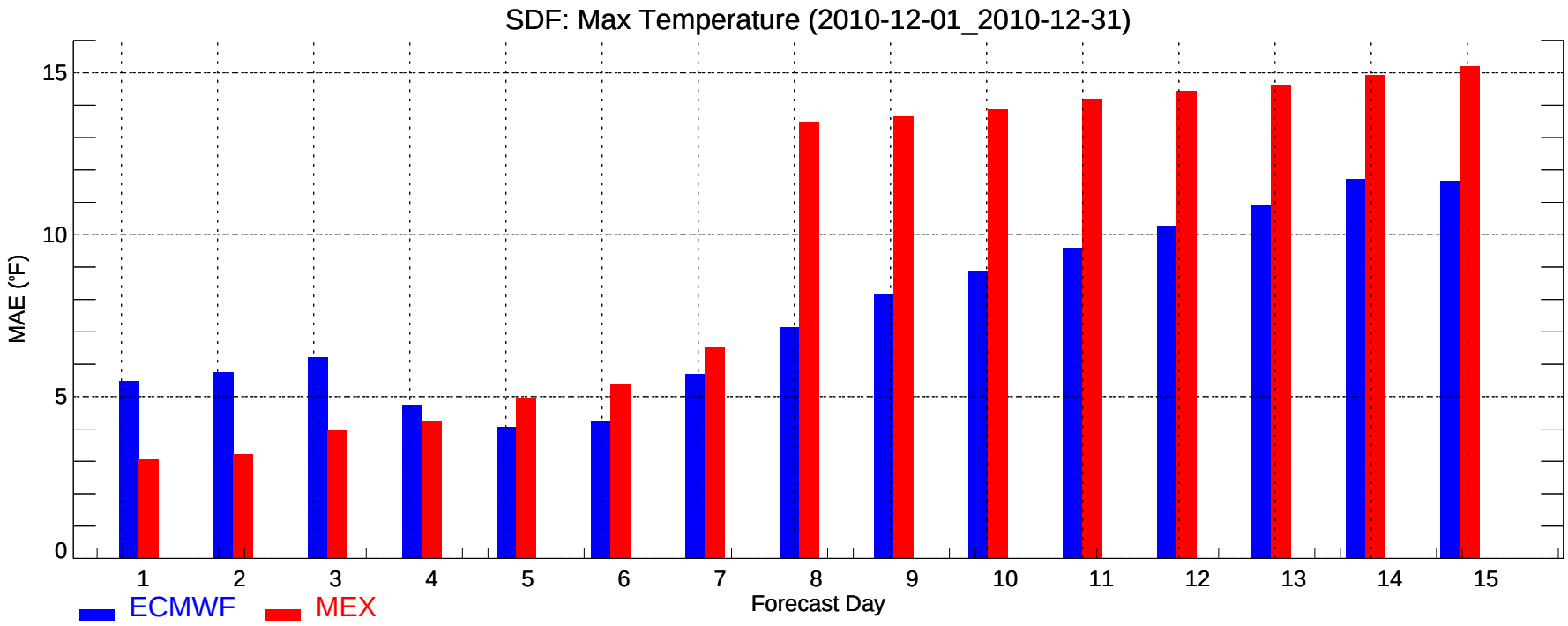

SAT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

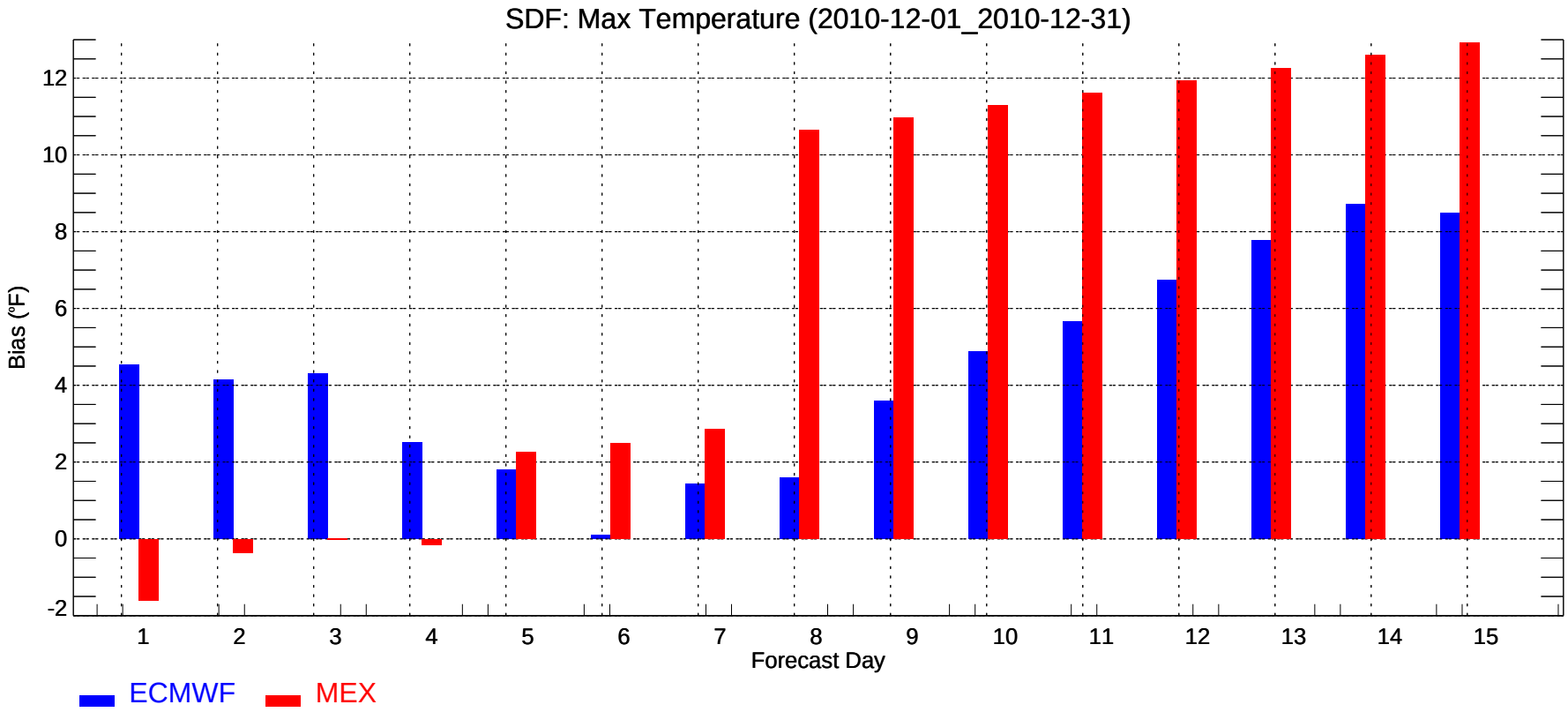

SAV: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

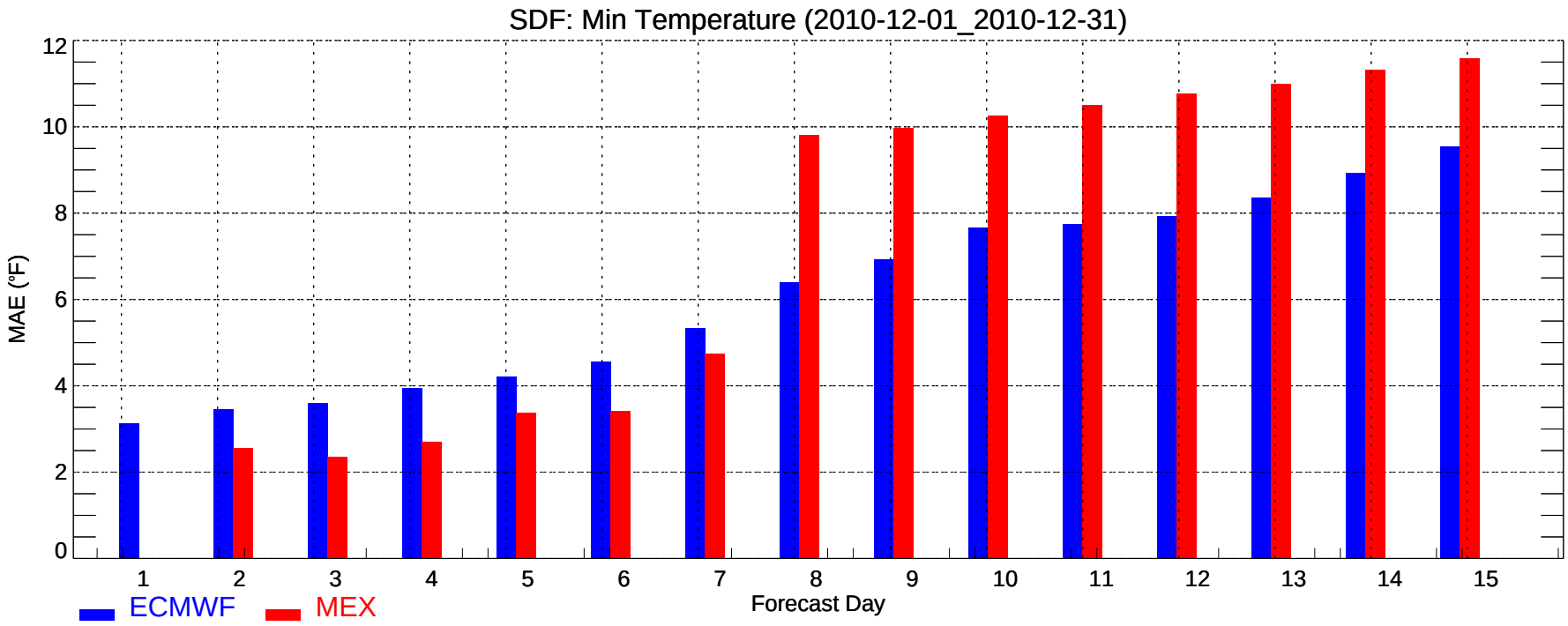

SAV: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

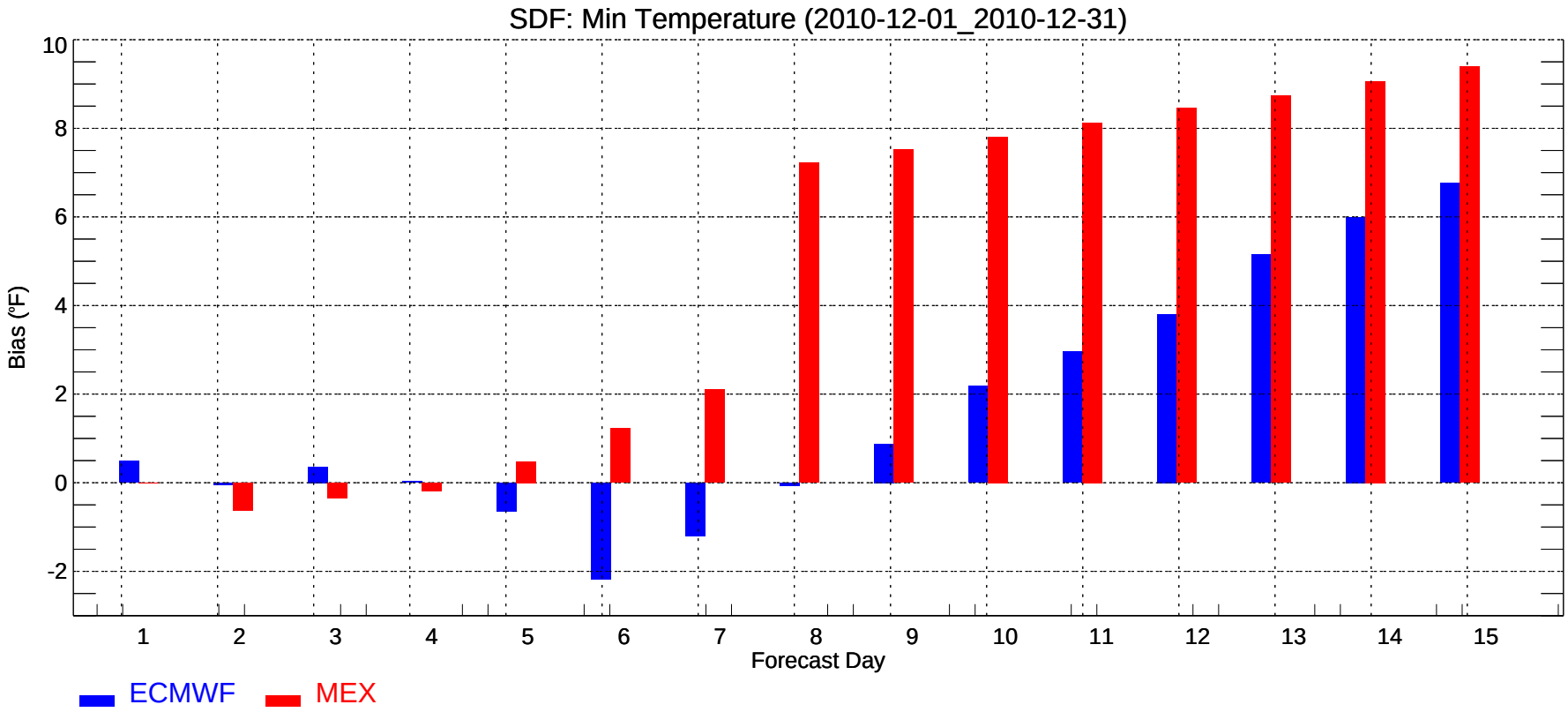

SAV: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

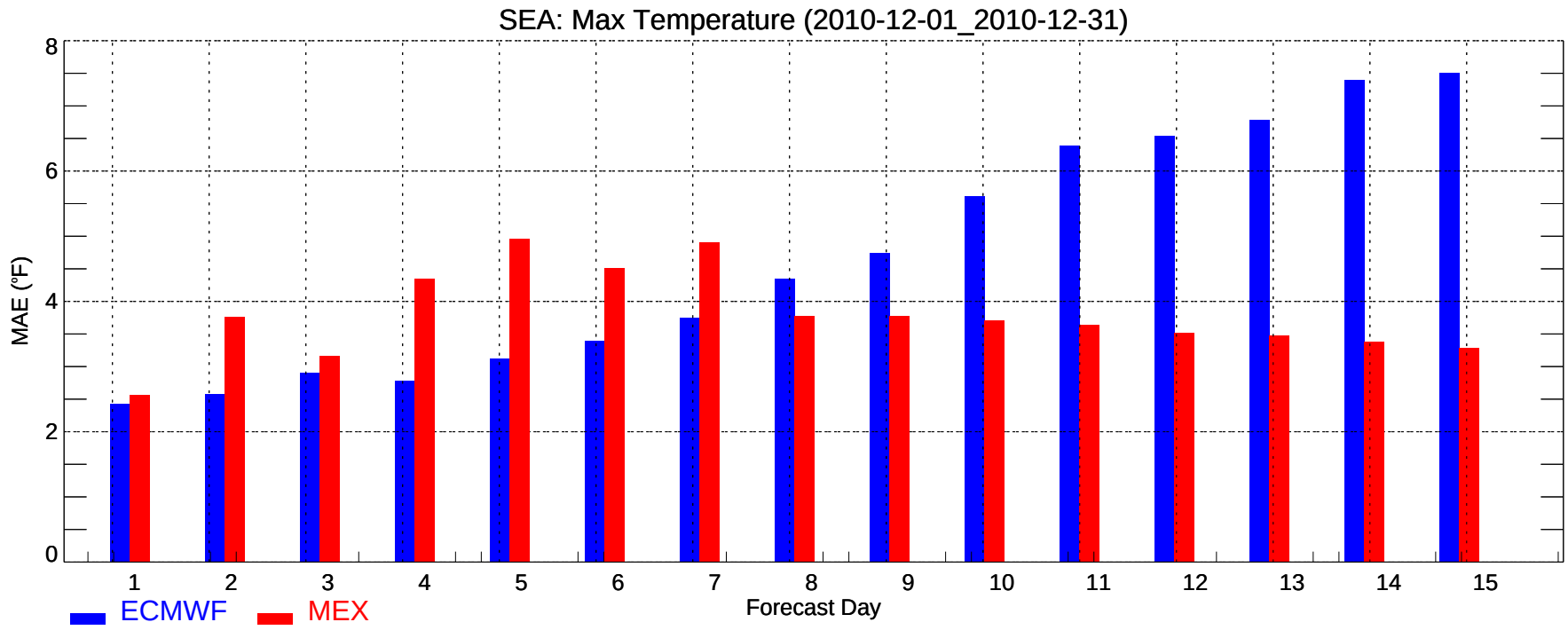

SAV: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

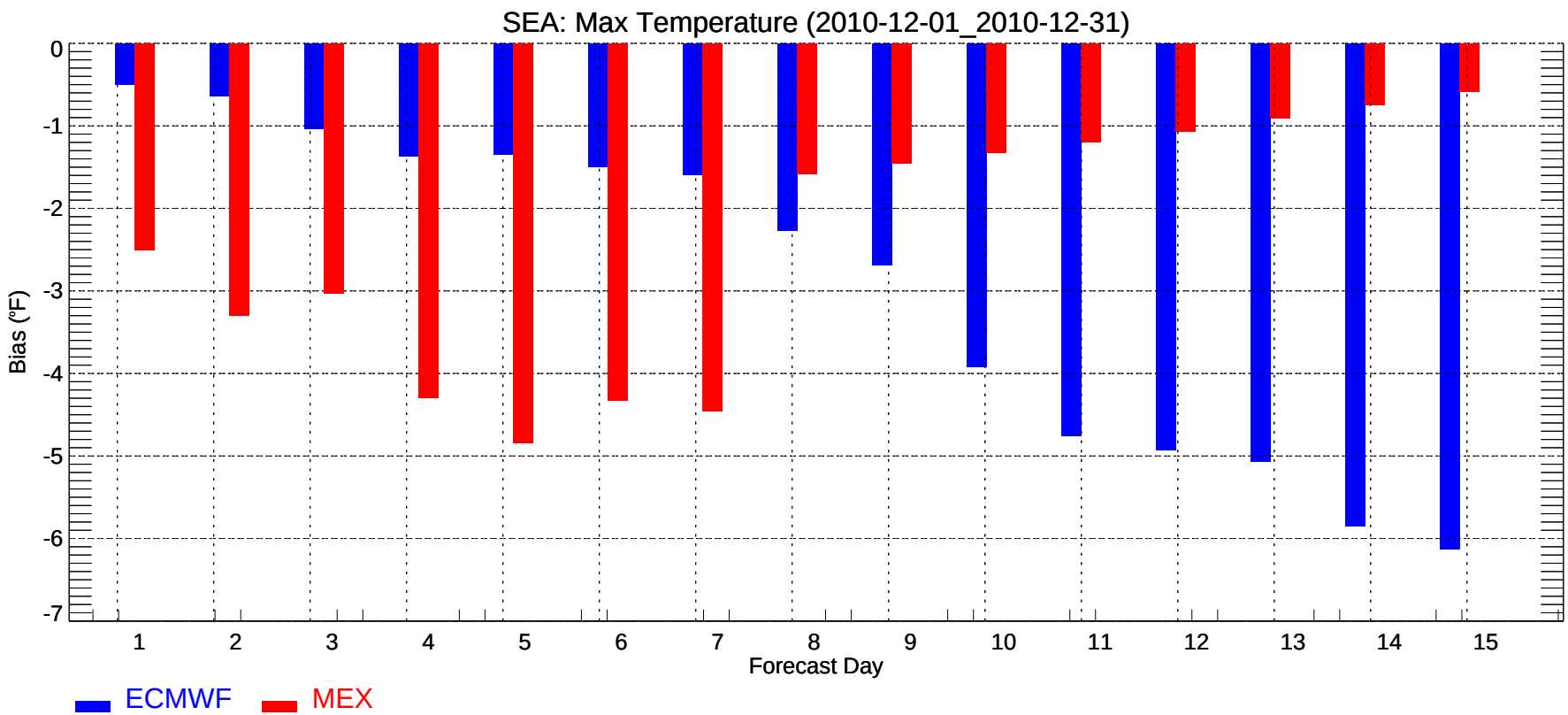

SDF: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

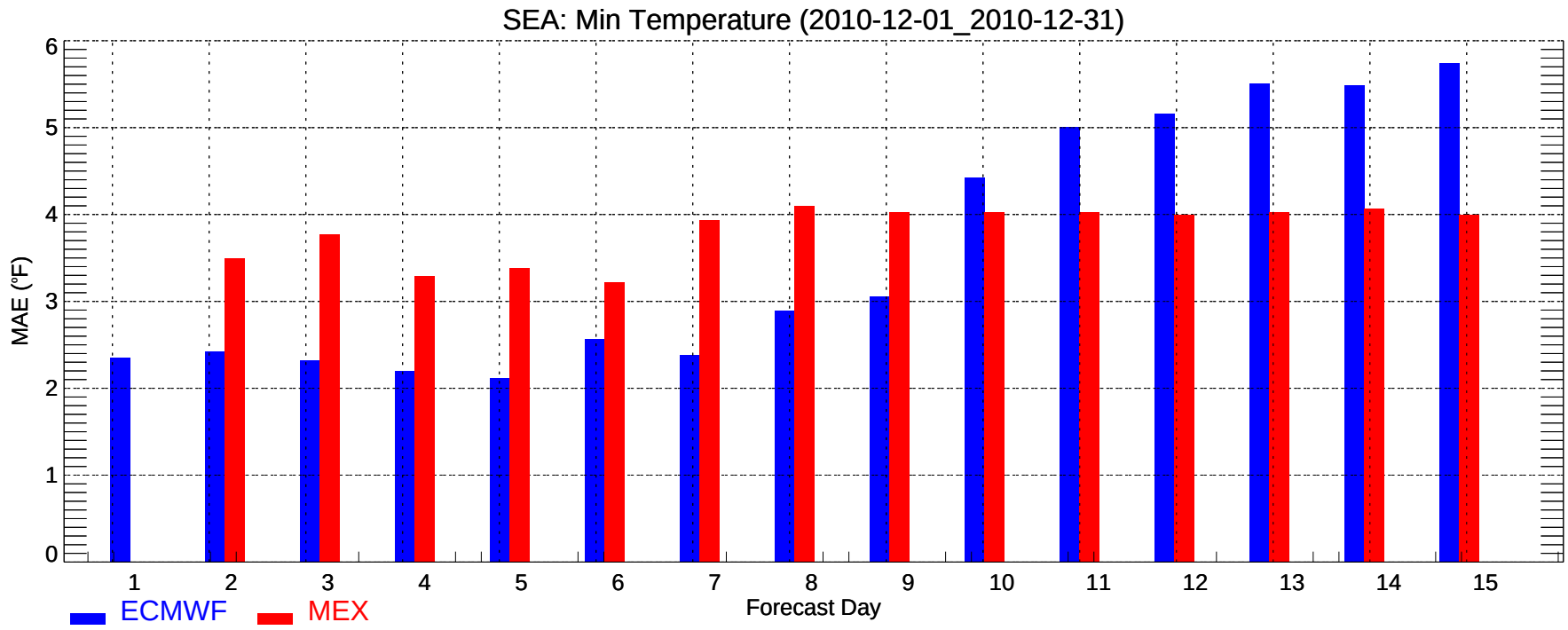

SDF: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

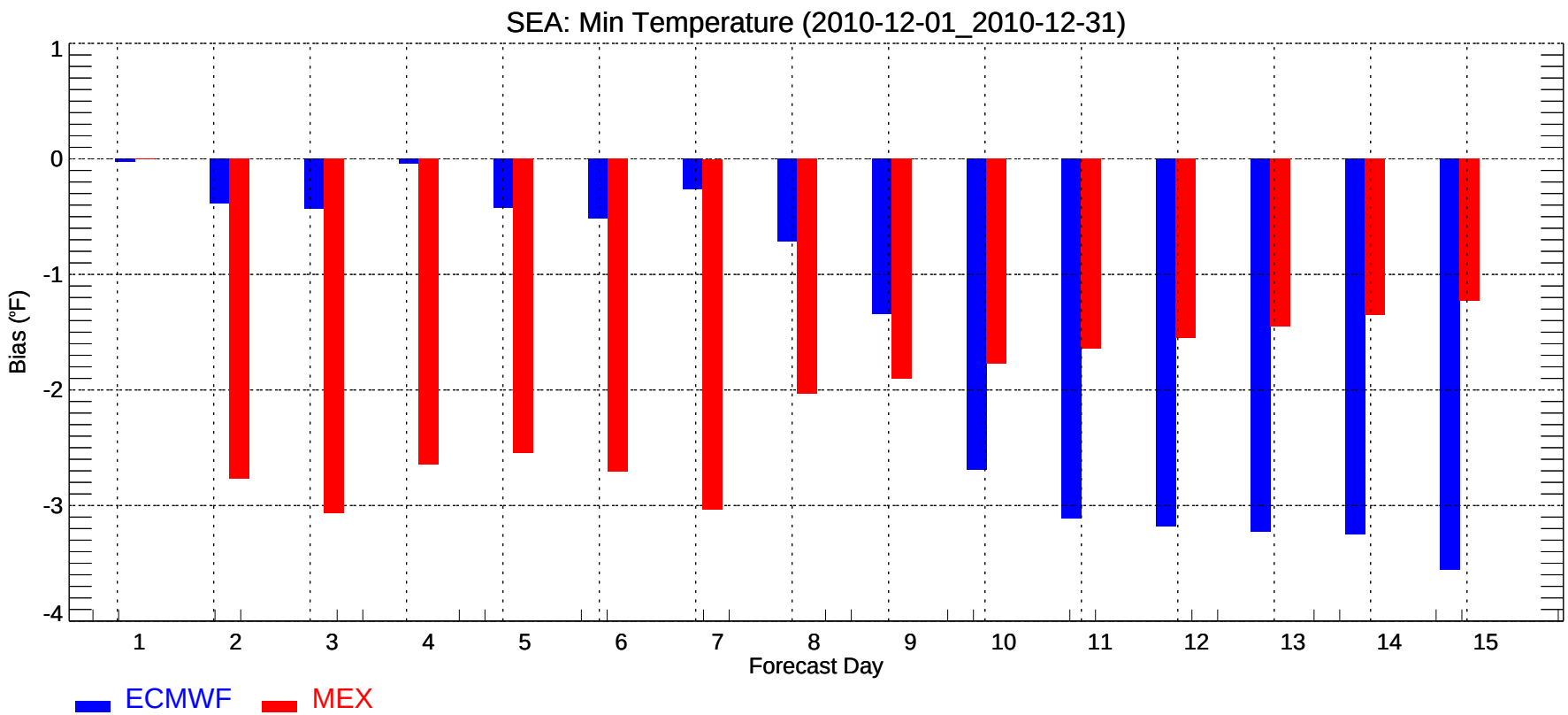

SDF: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

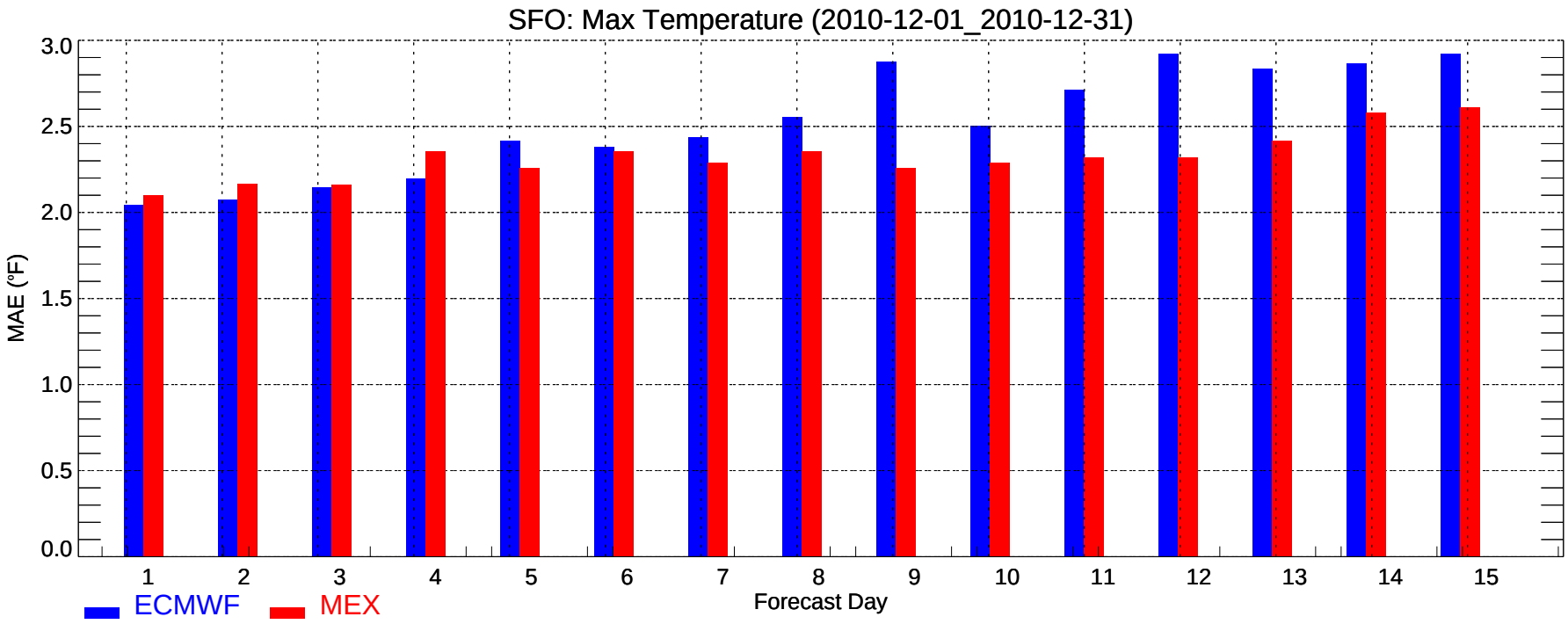

SDF: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

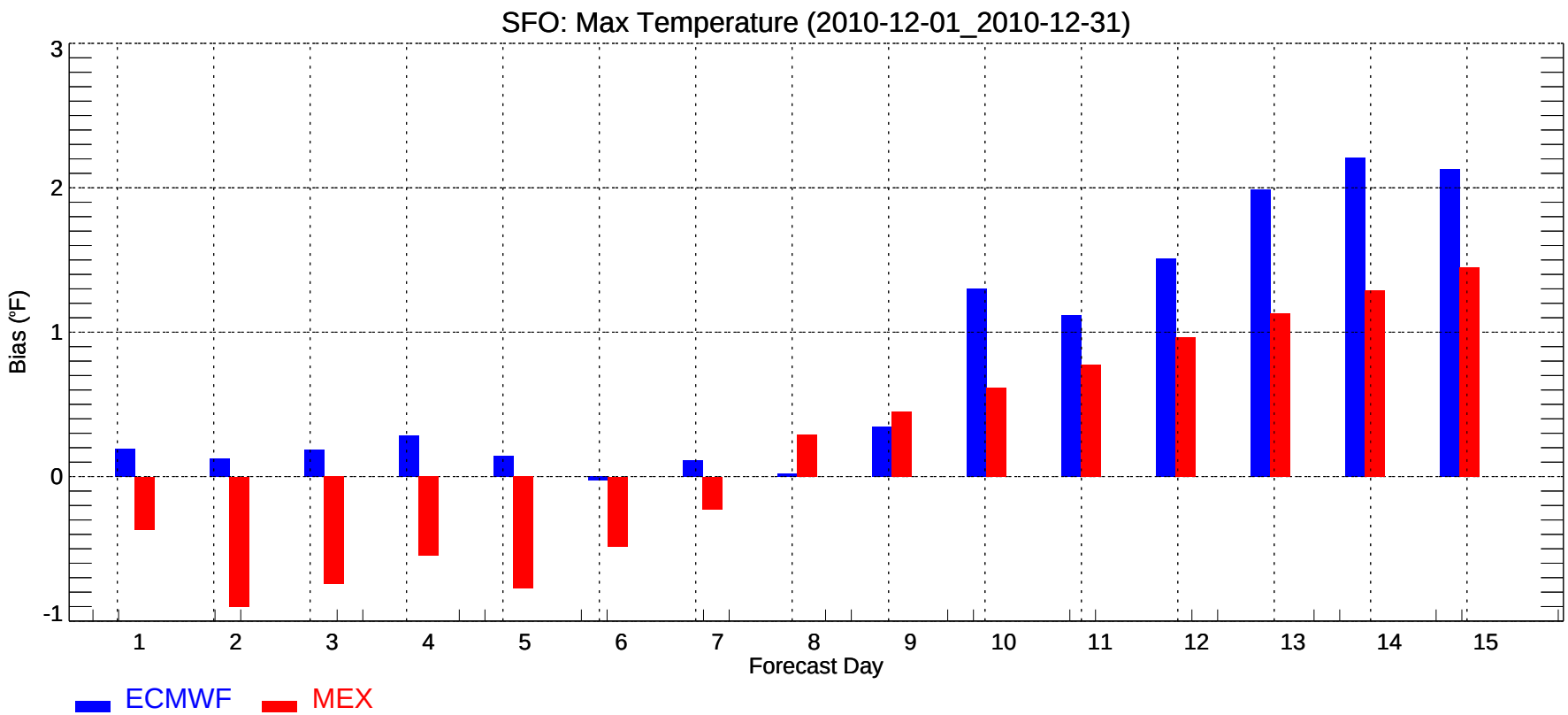

SEA: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

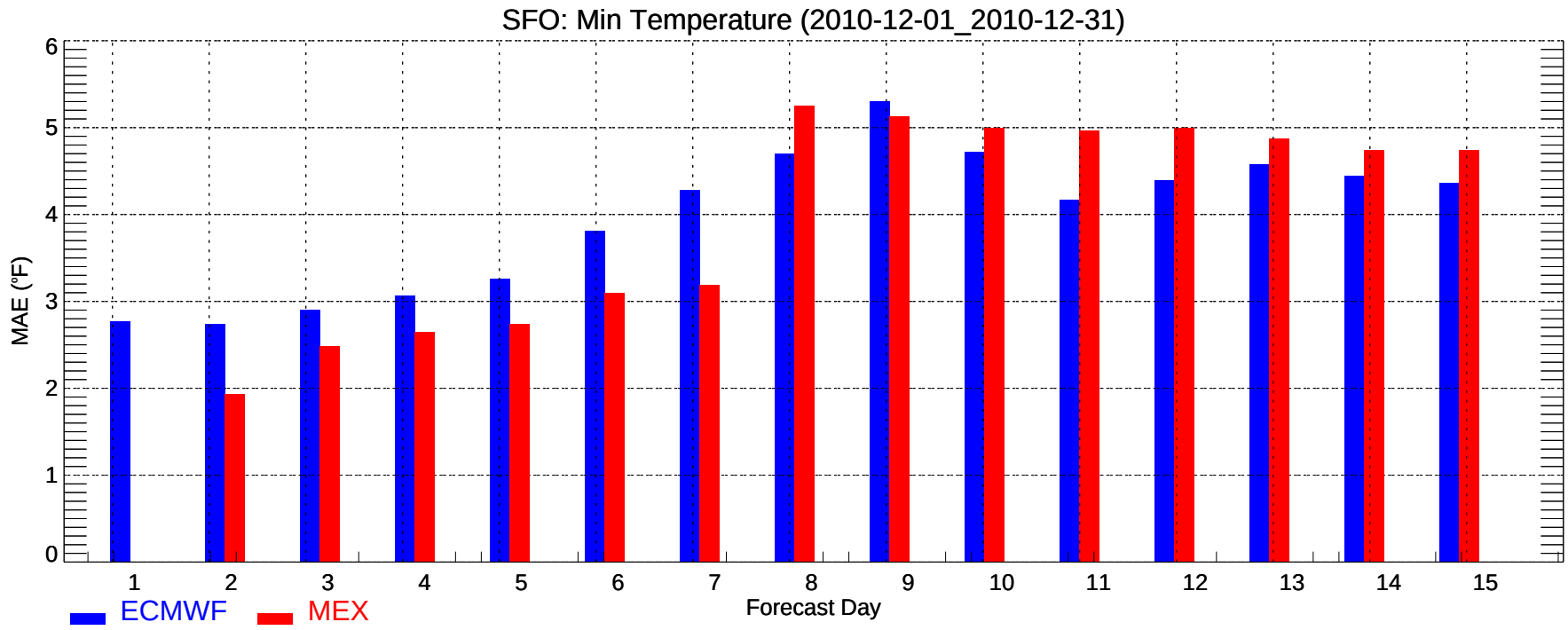

SEA: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-1
-2
-3
-4
-5
-6
-7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

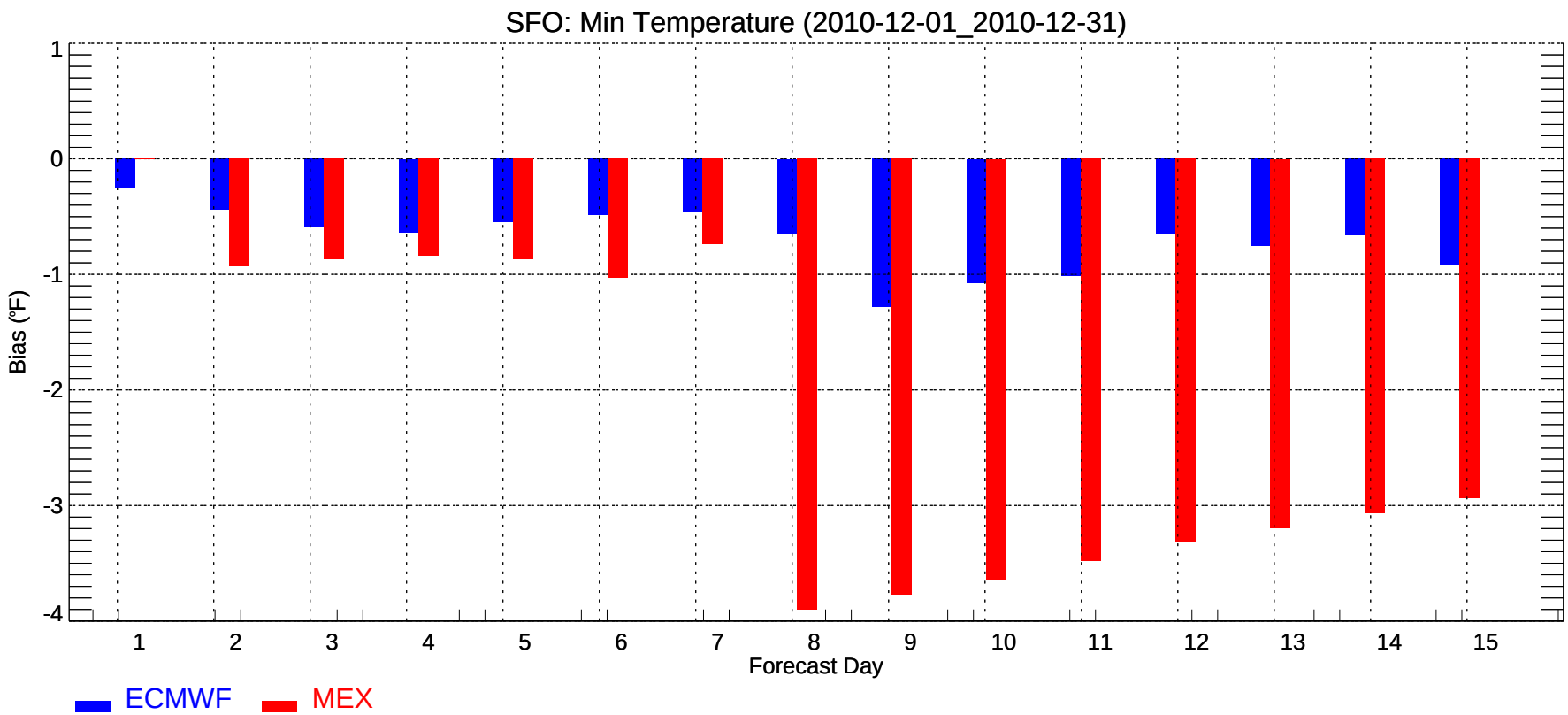

SEA: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

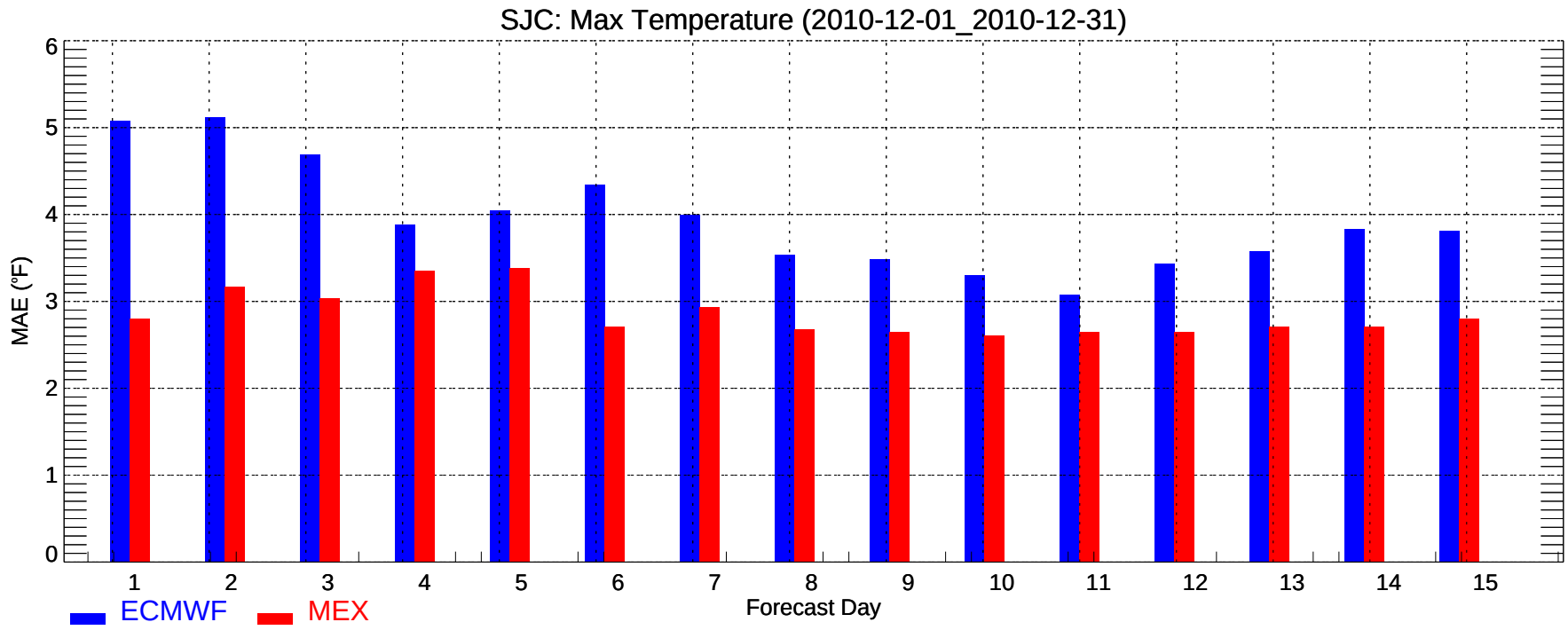

SEA: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

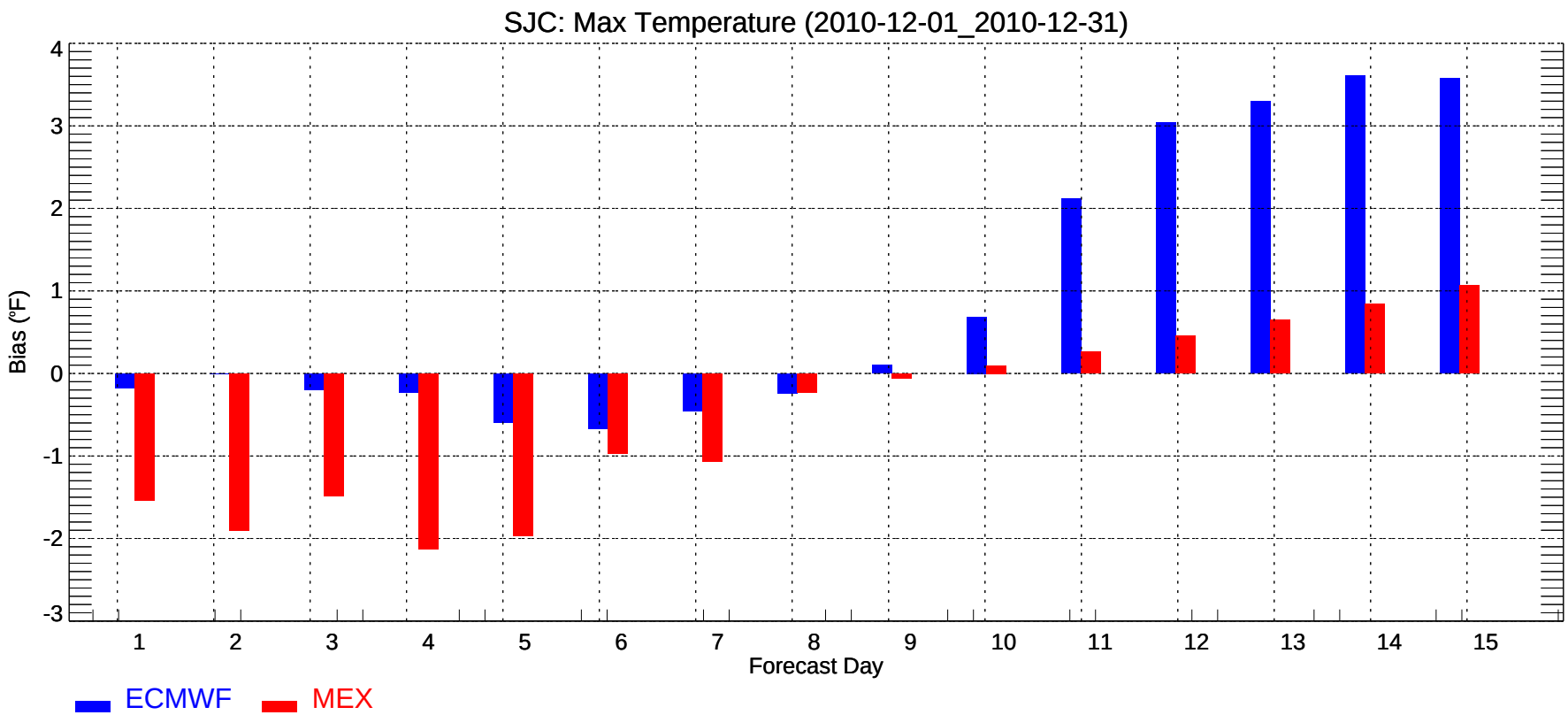

SFO: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

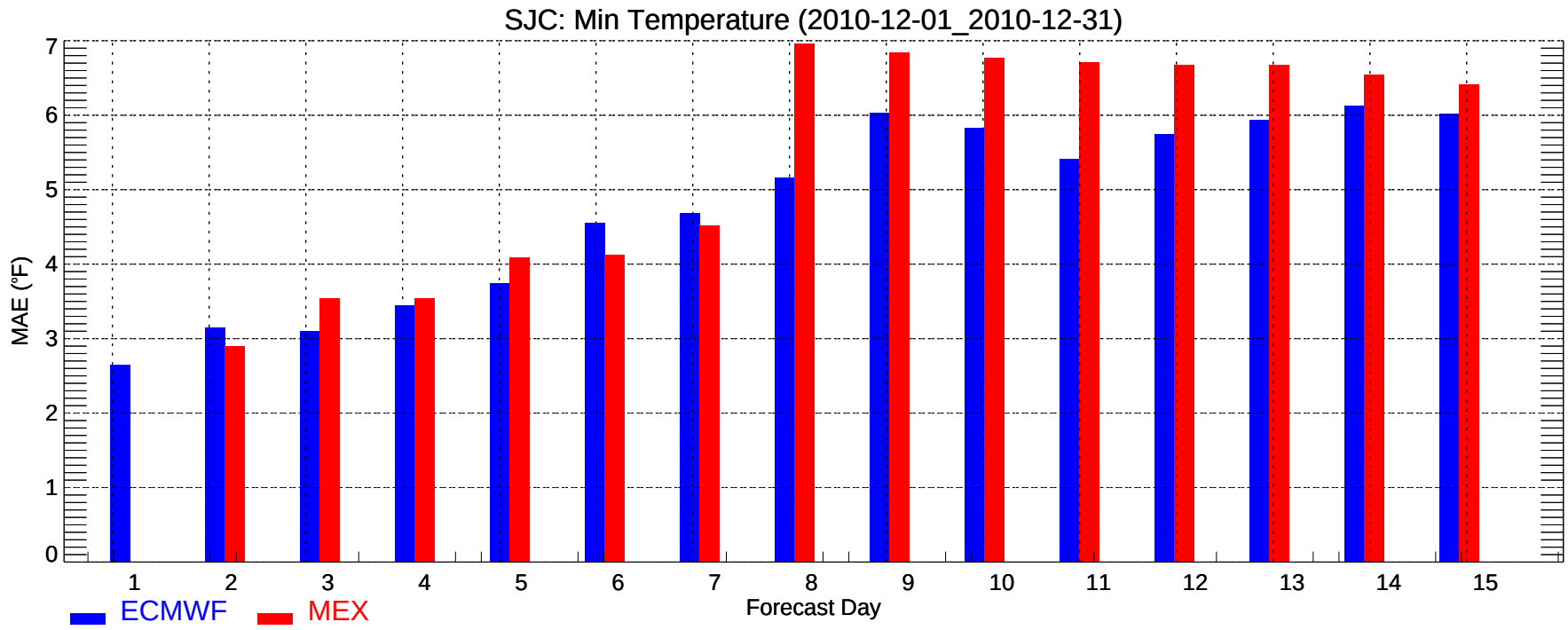

SFO: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
3
2
1
0
-1
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

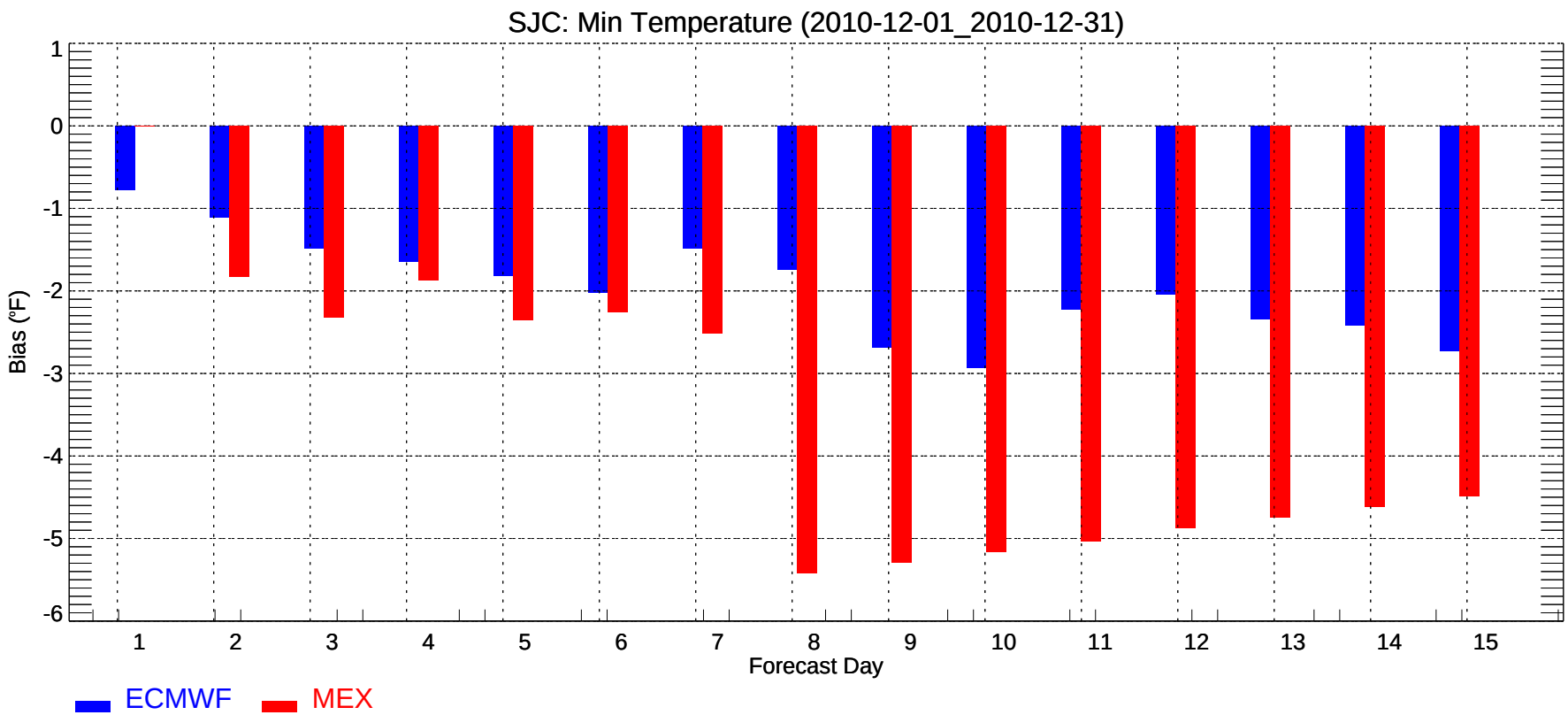

SFO: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

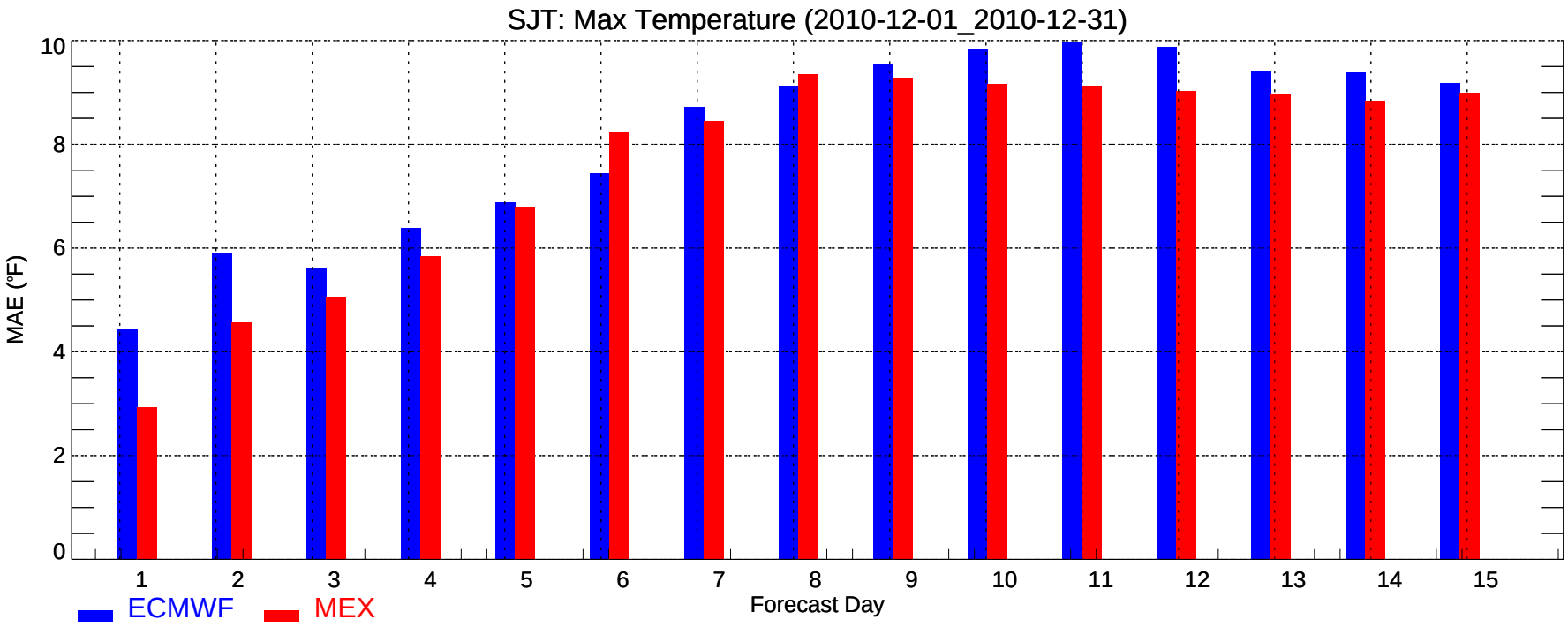

SFO: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

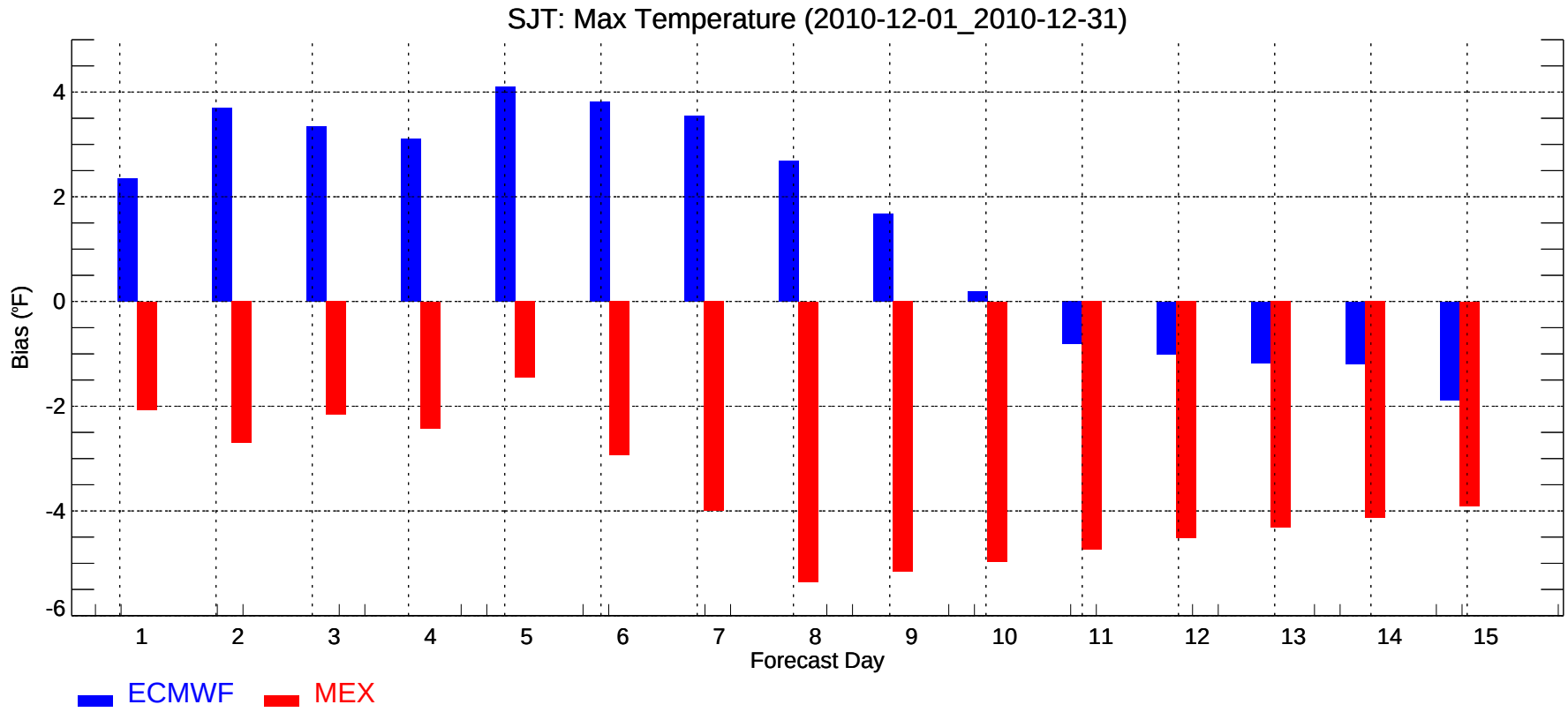

SJC: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

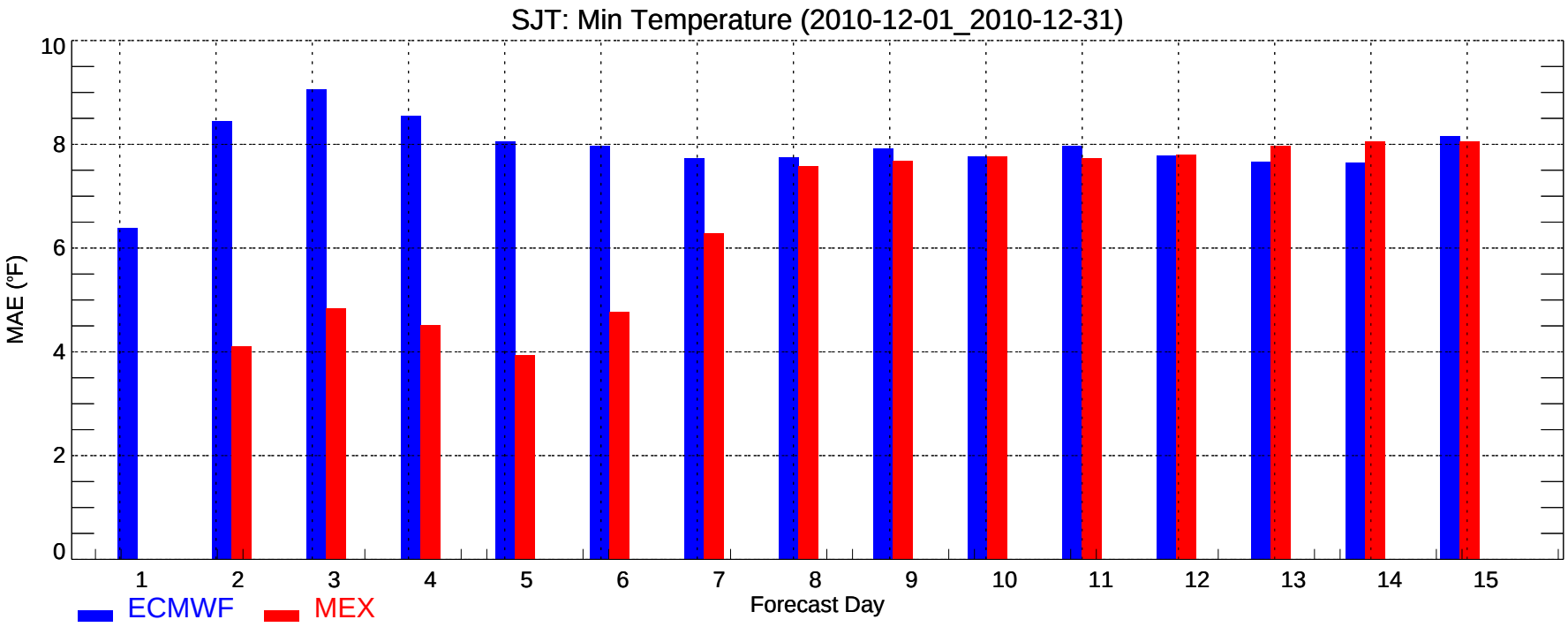

SJC: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

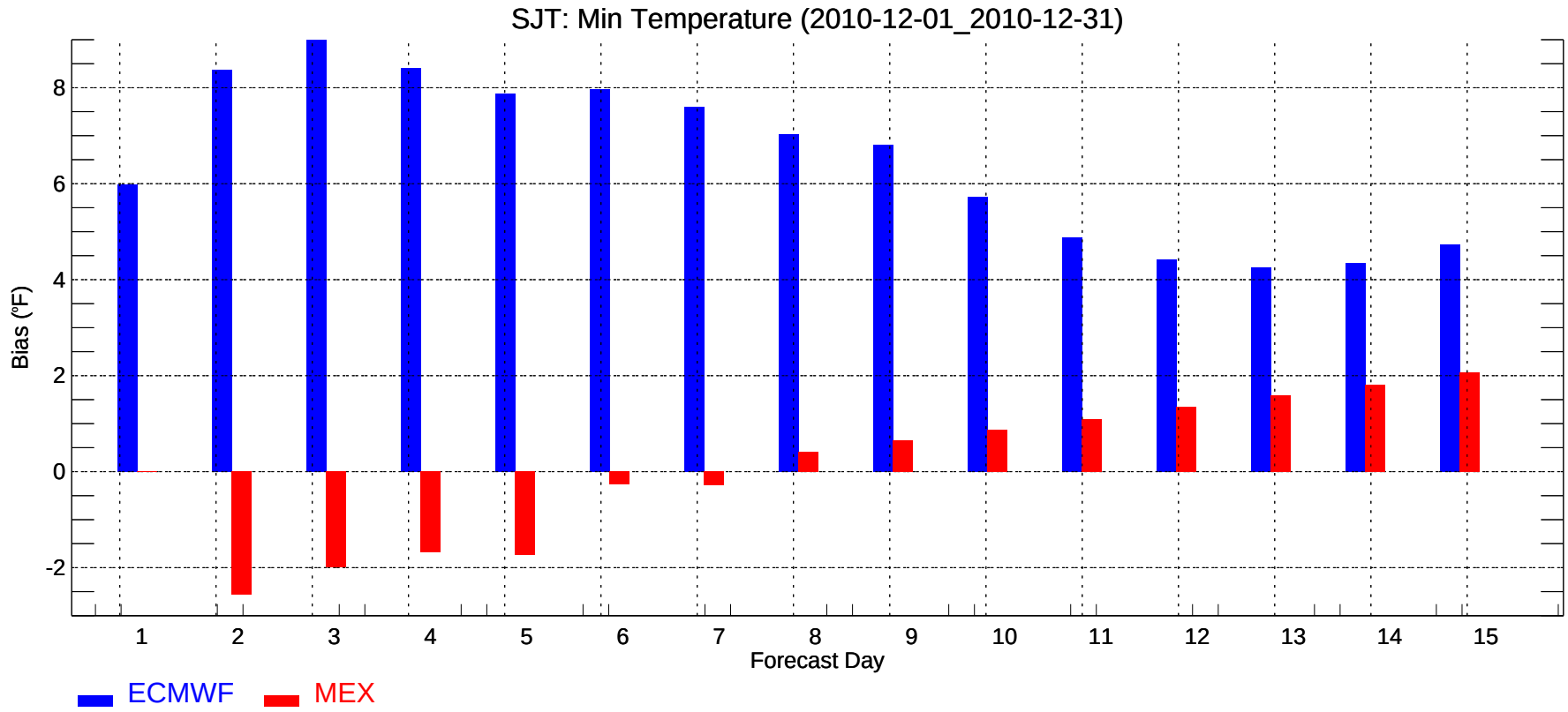

SJC: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

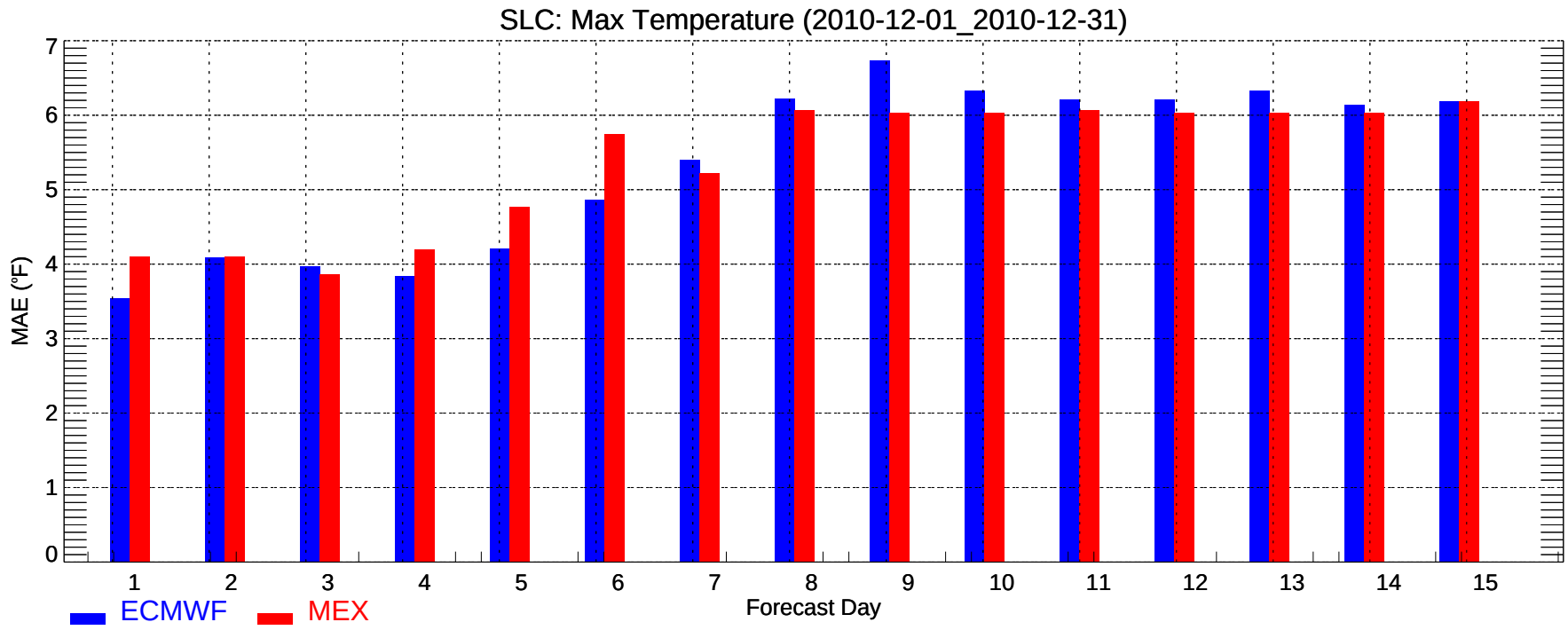

SJC: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

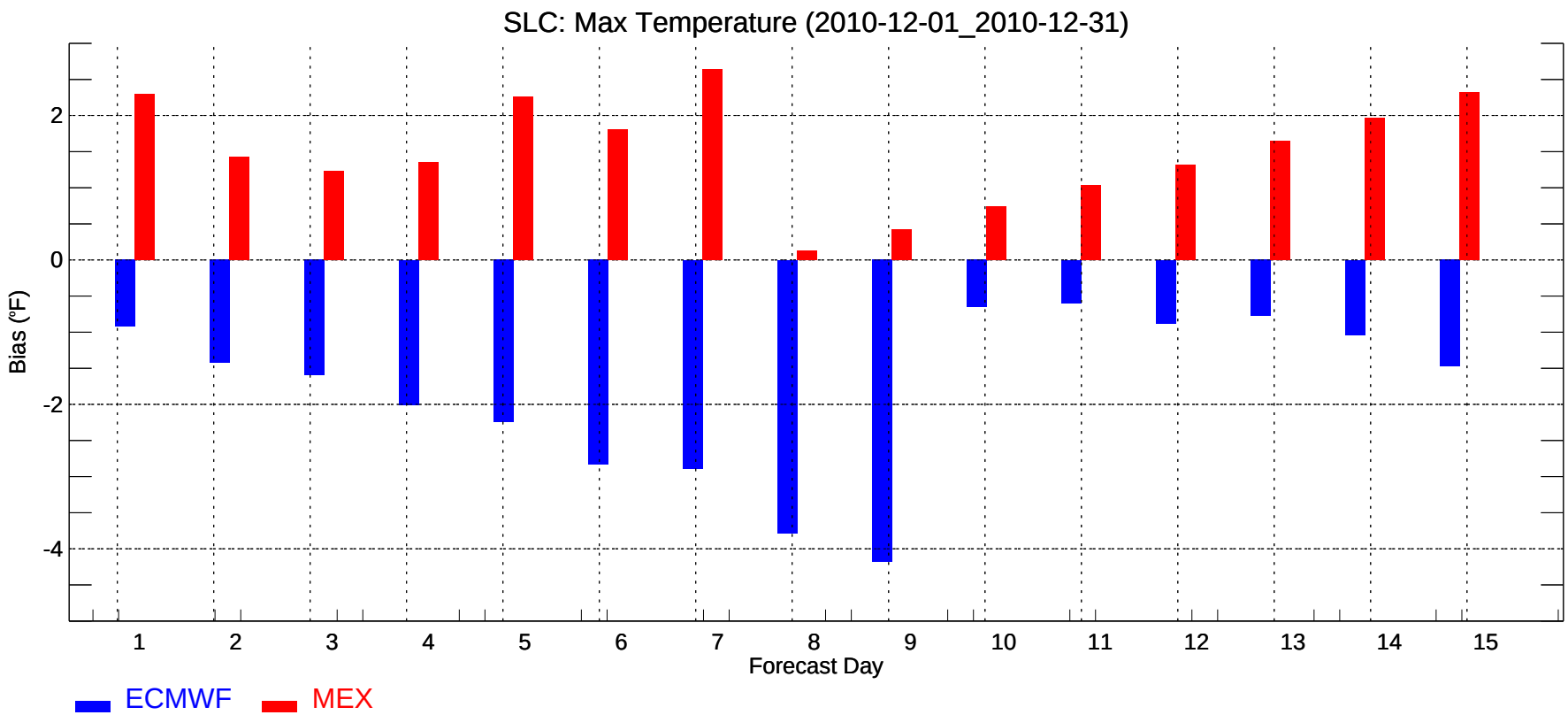

SJT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

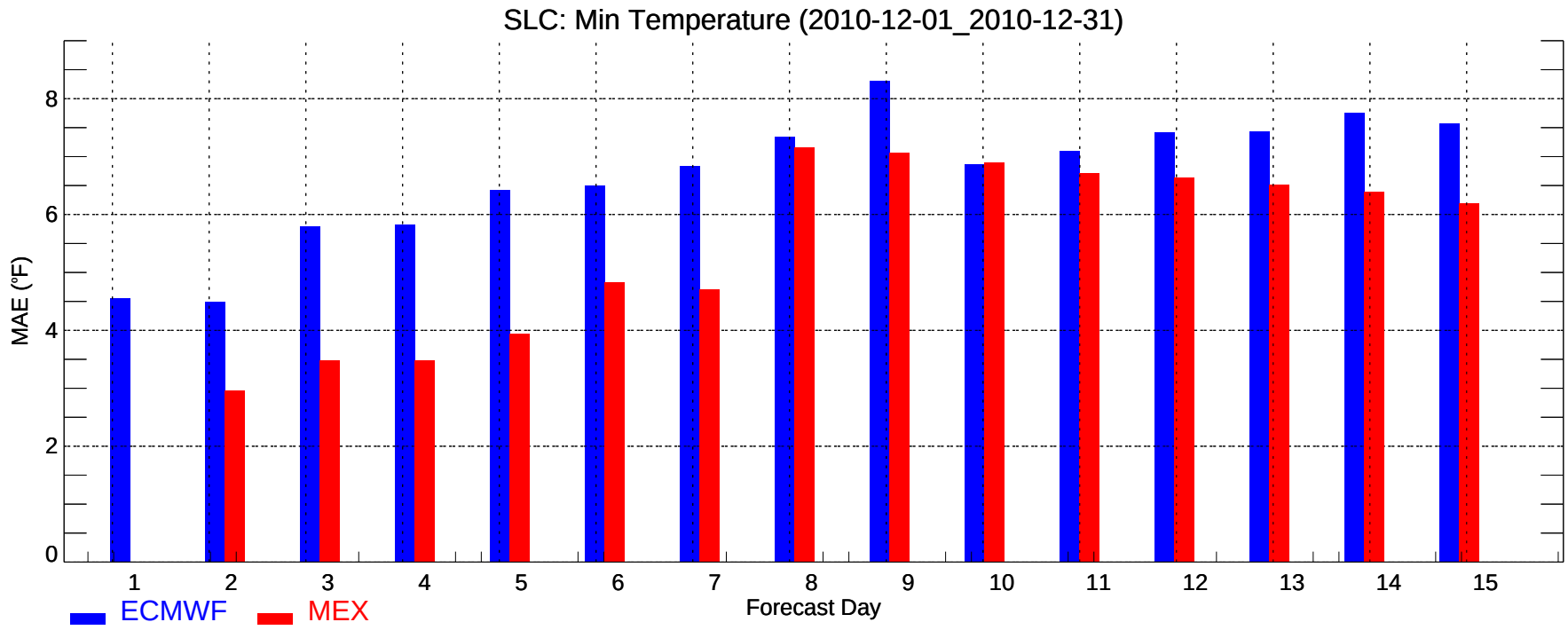

SJT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

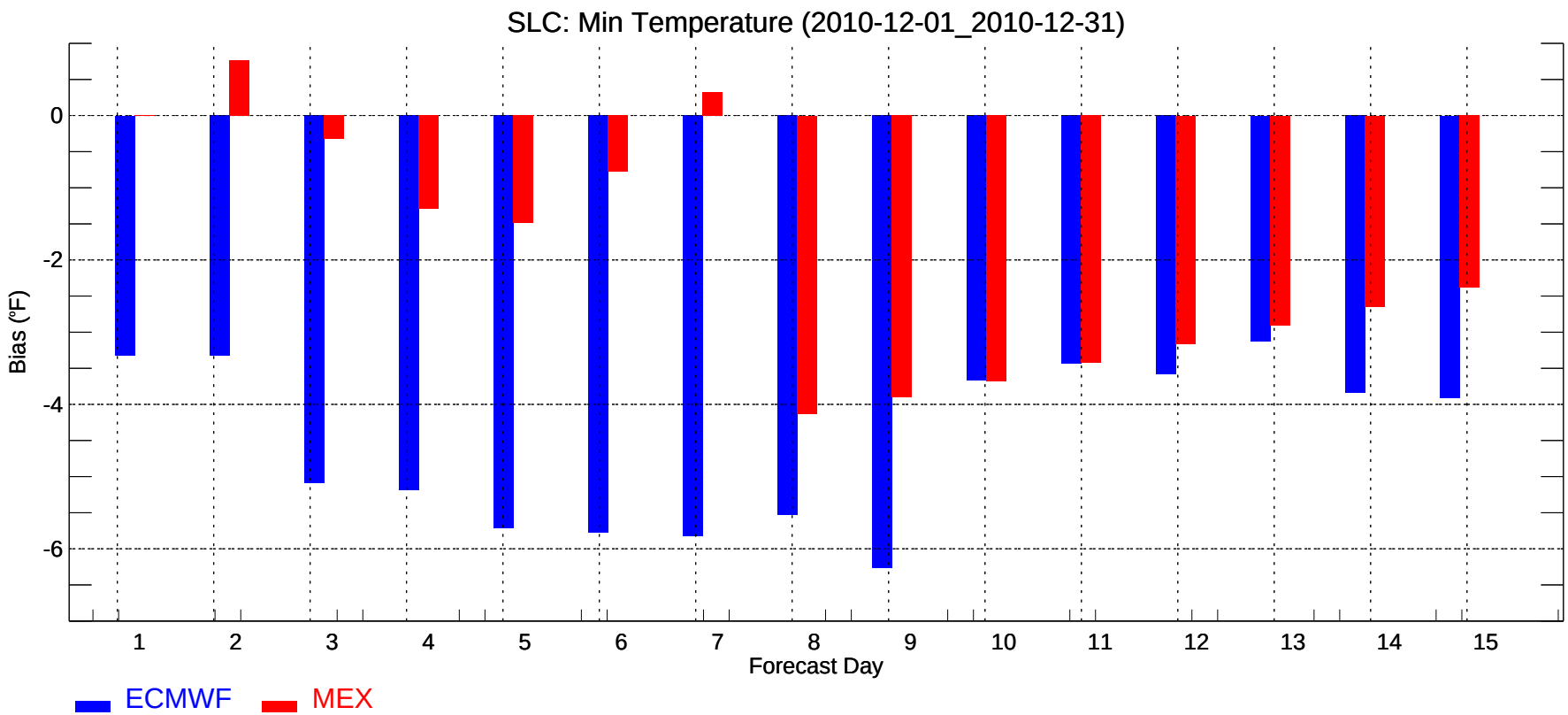

SJT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

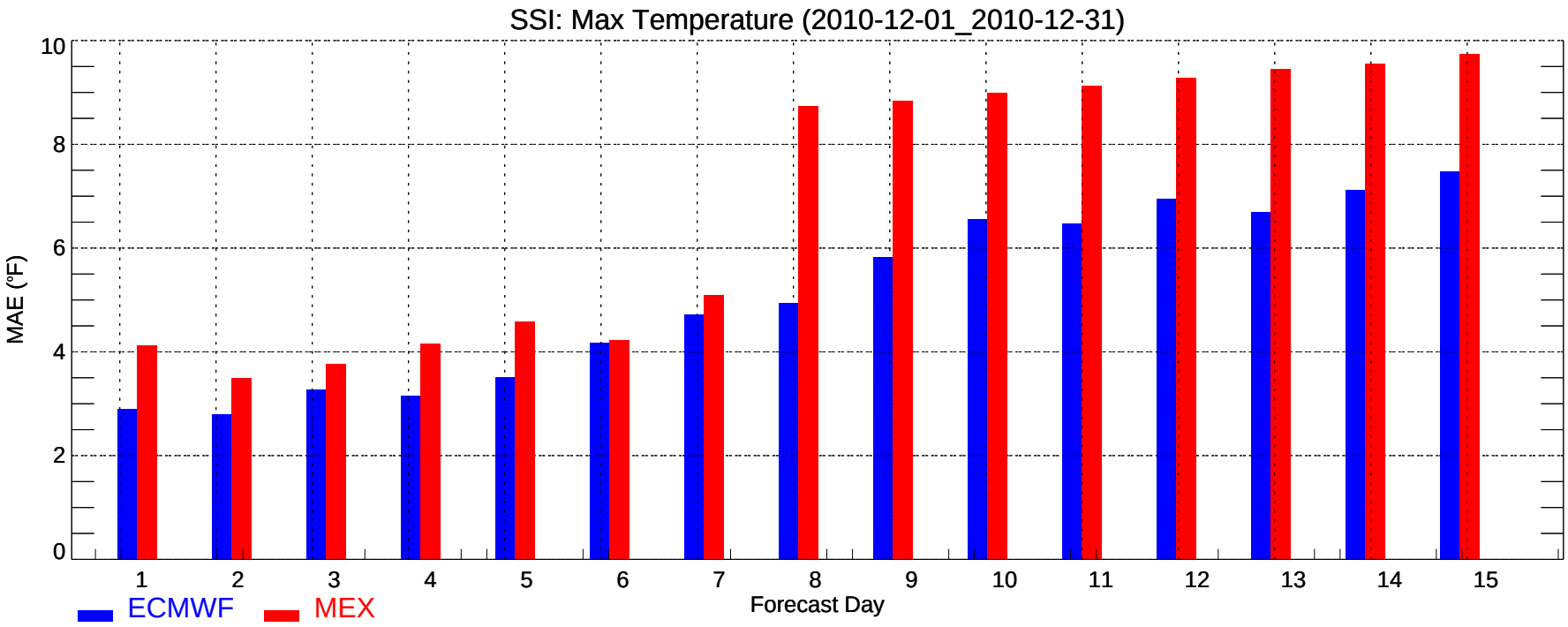

SJT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

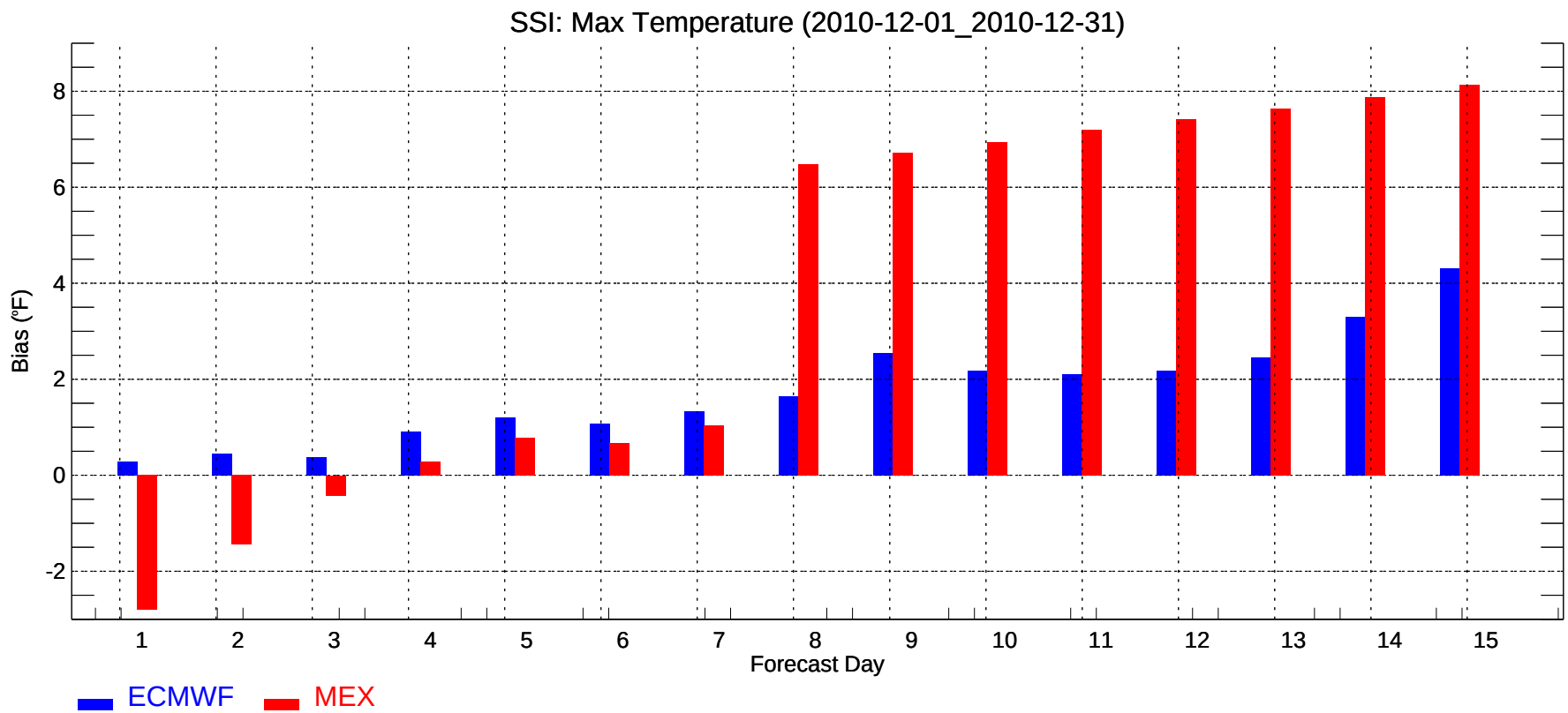

SLC: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

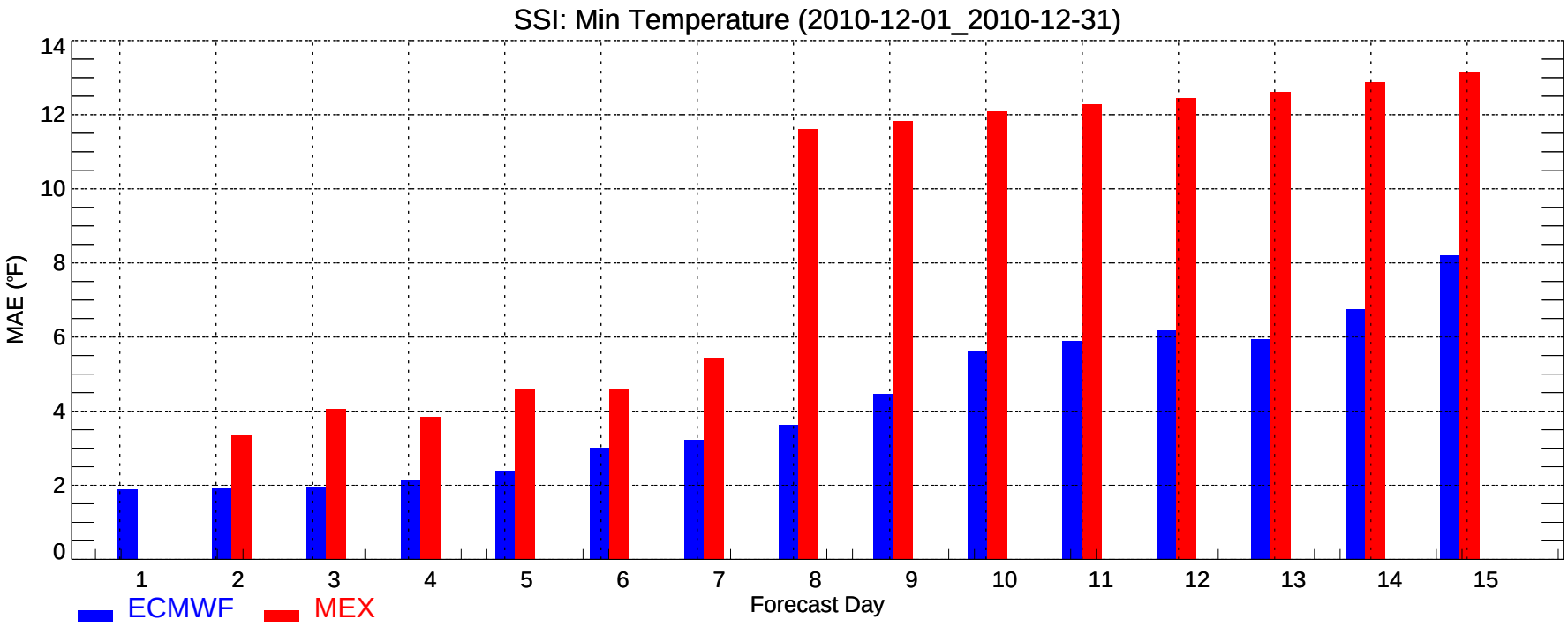

SLC: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

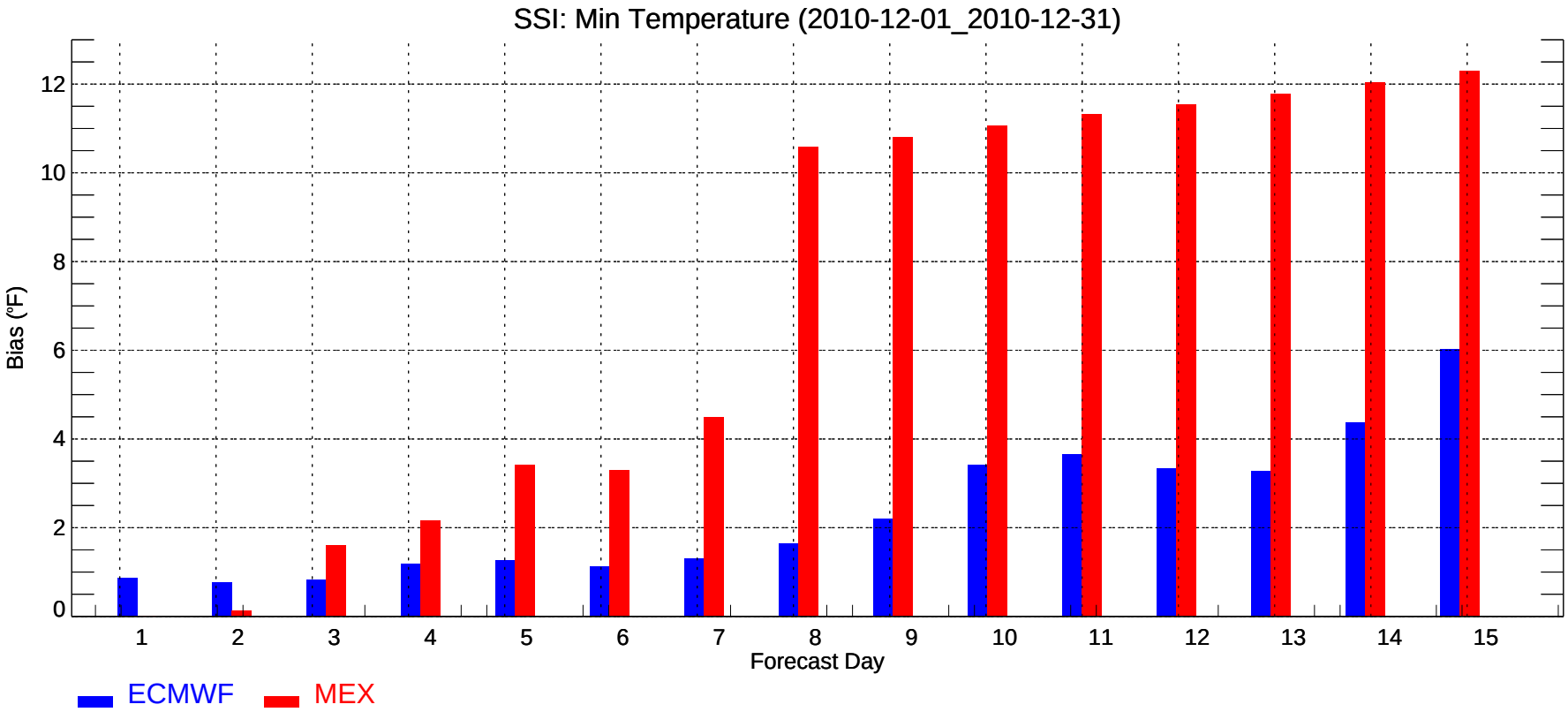

SLC: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

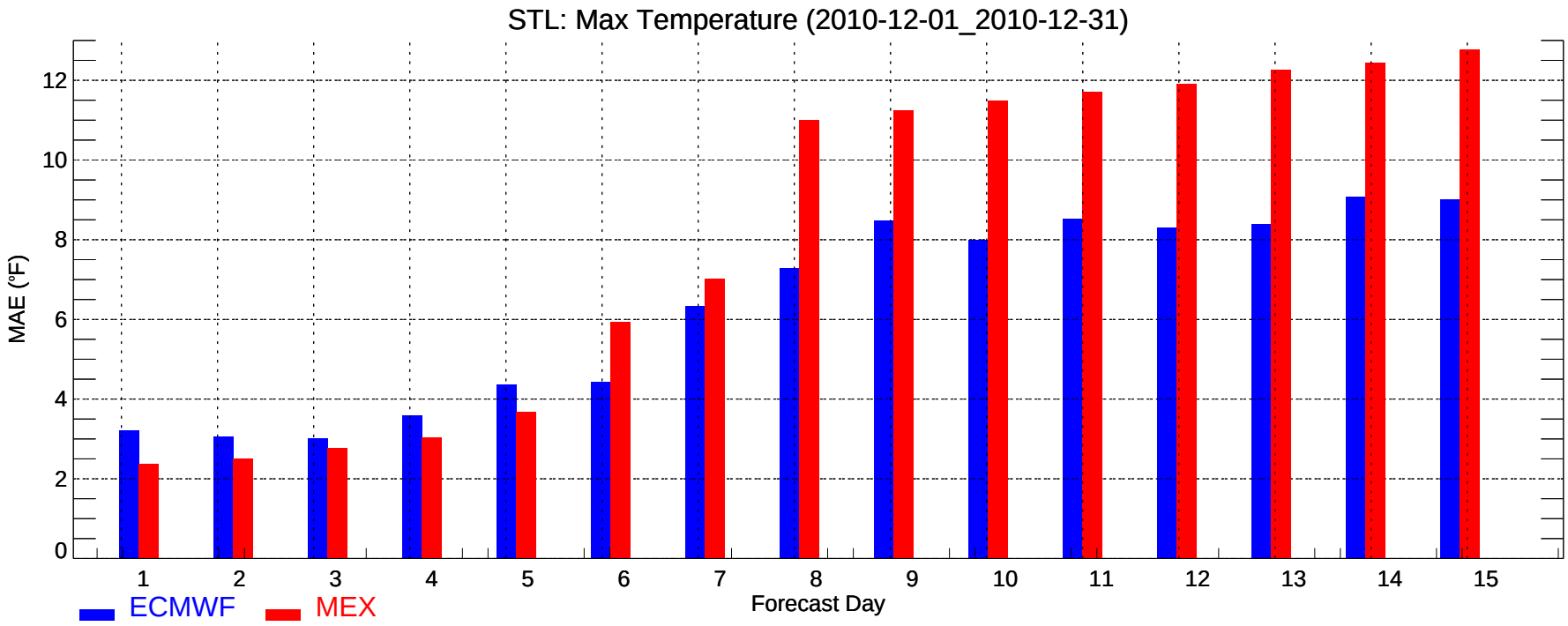

SLC: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

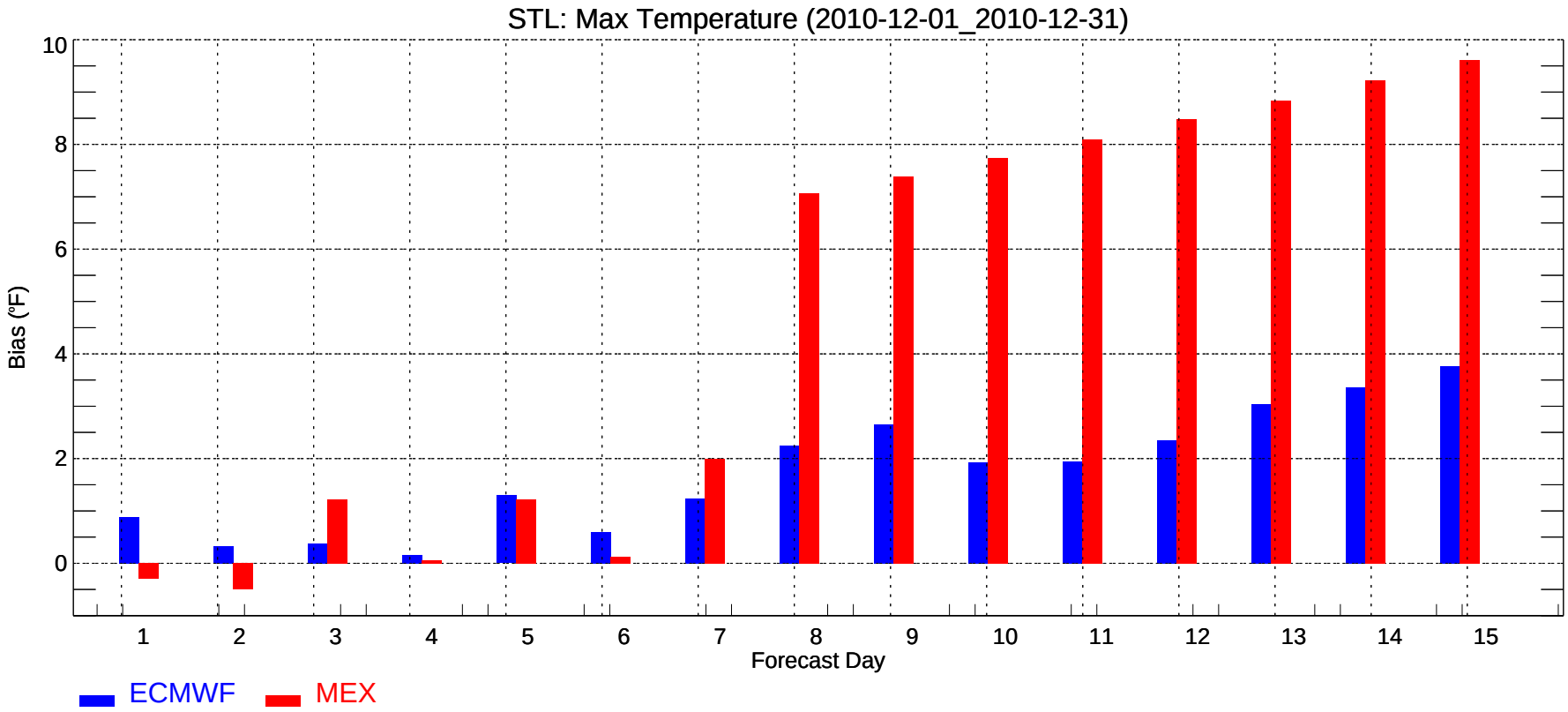

SSI: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

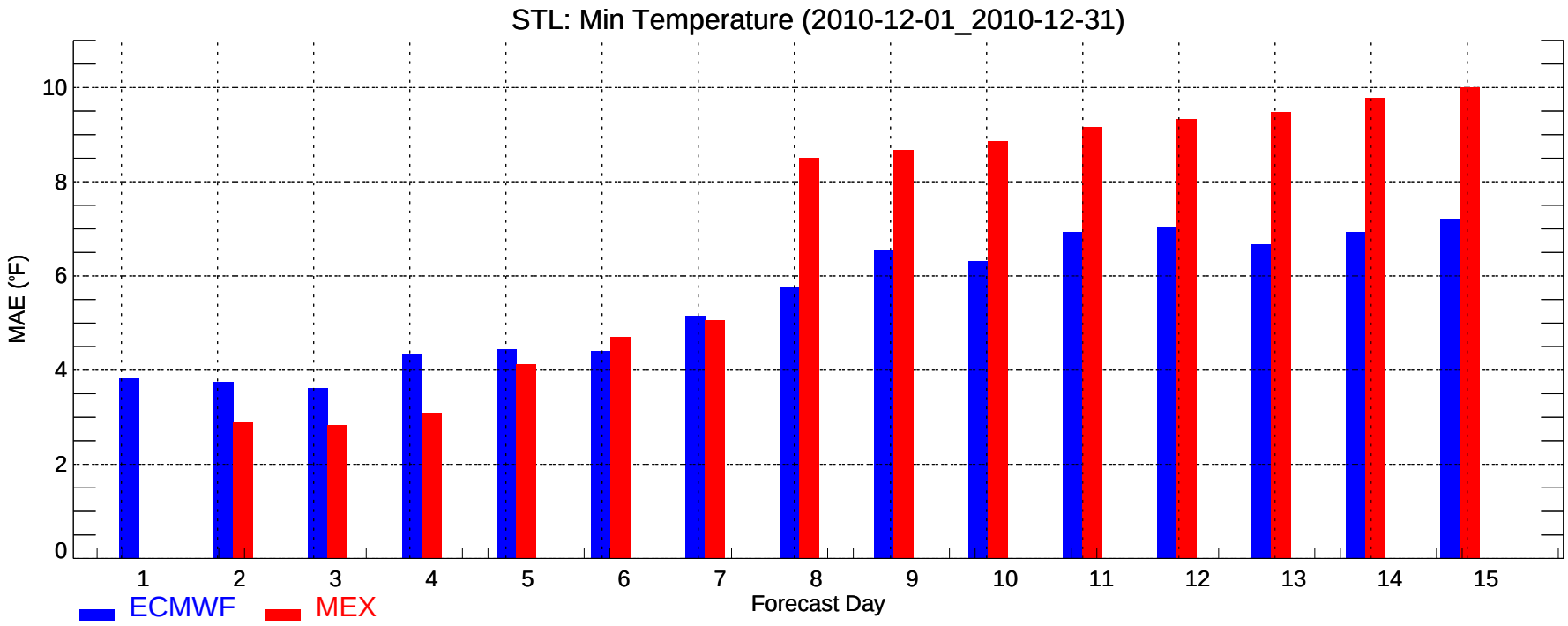

SSI: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

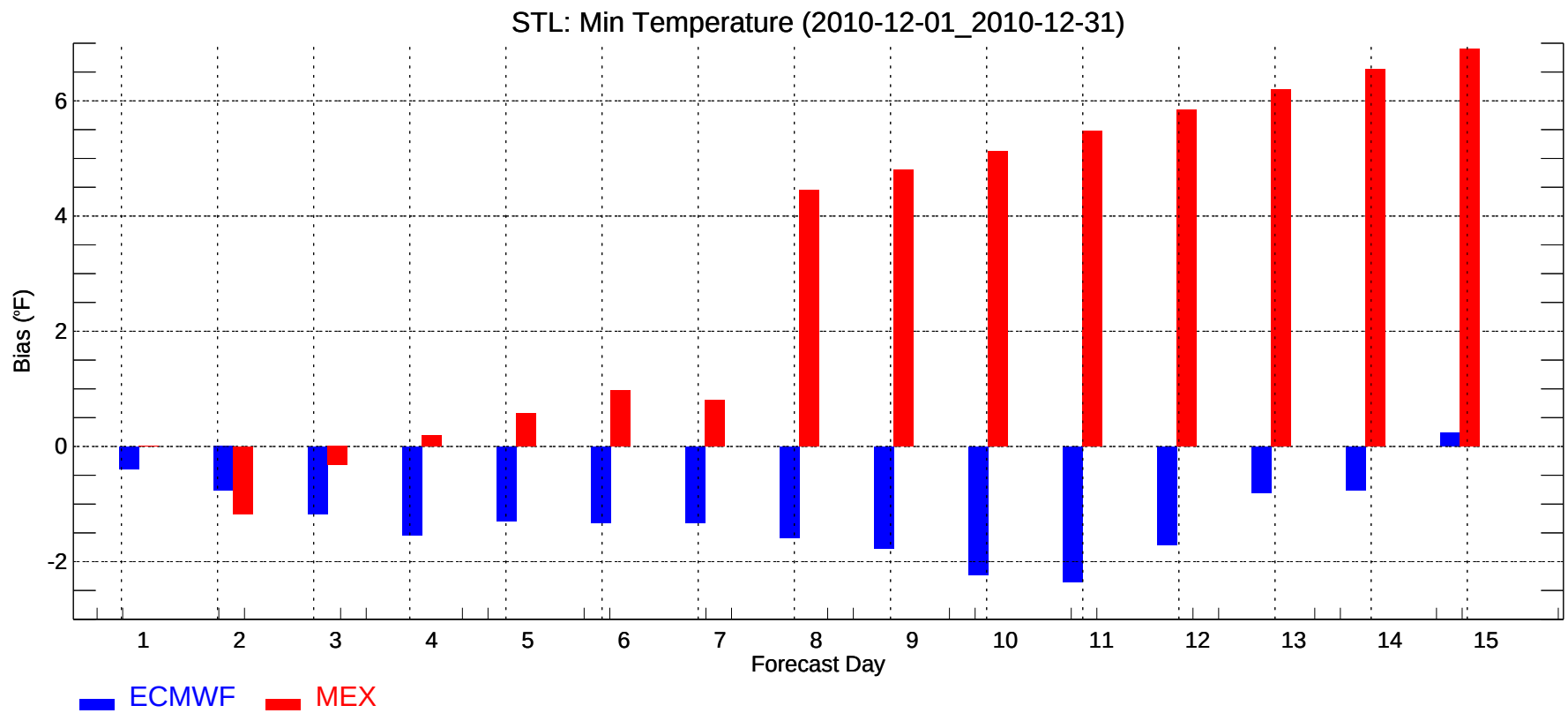

SSI: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

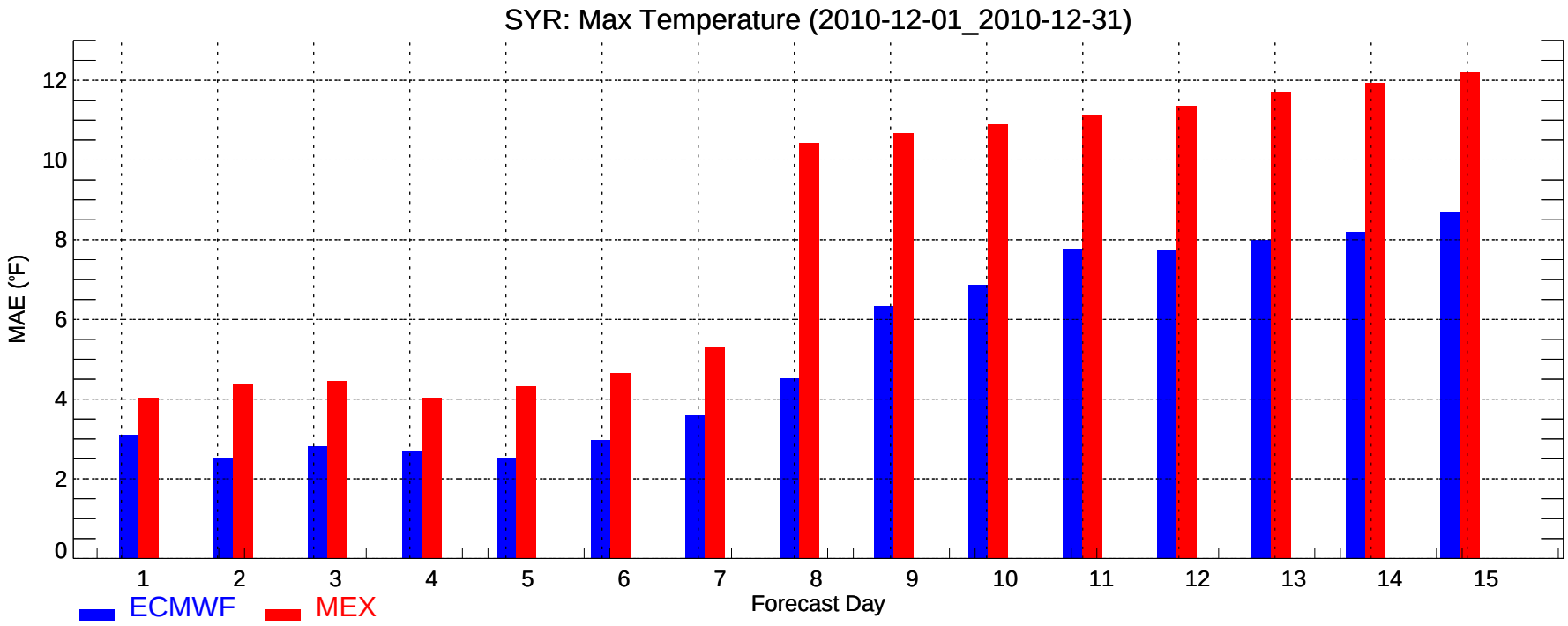

SSI: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

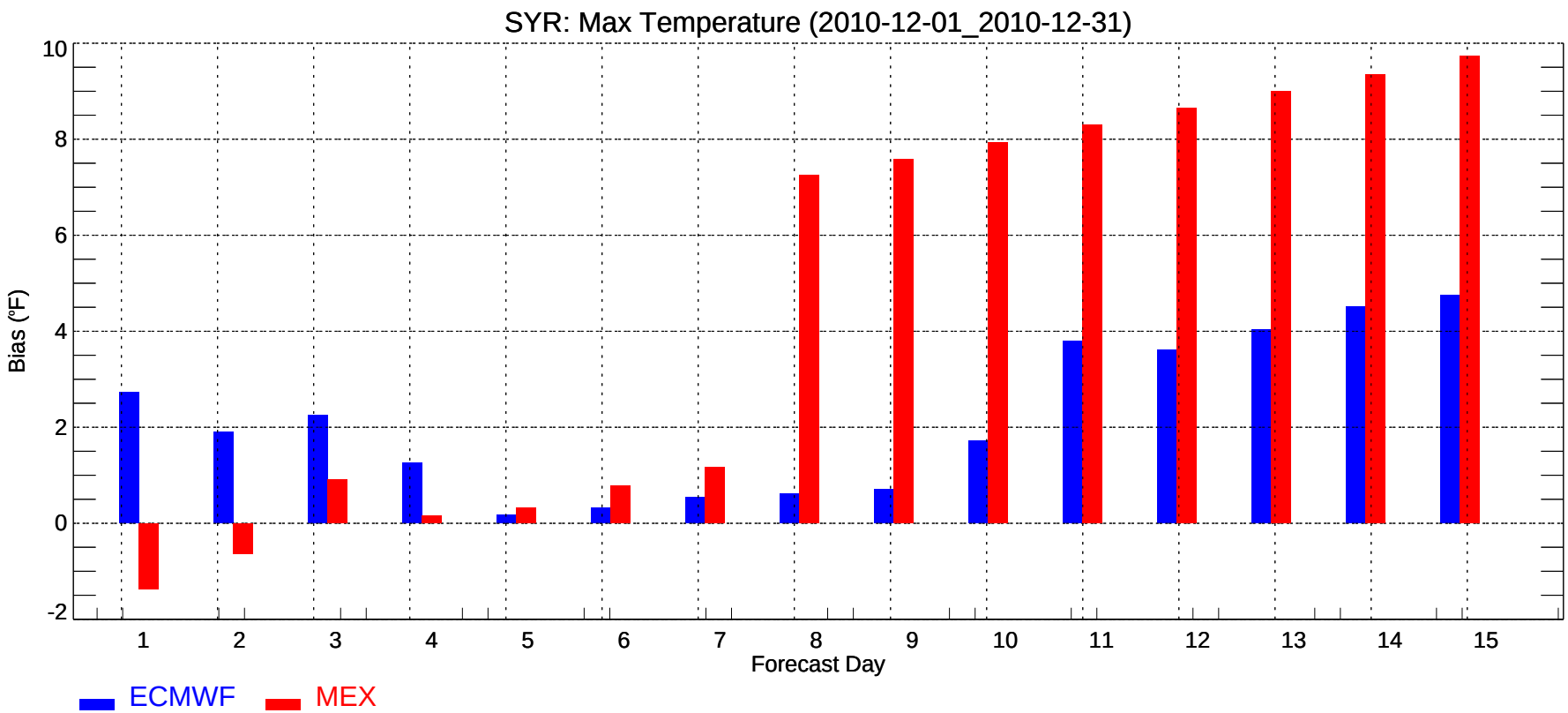

STL: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

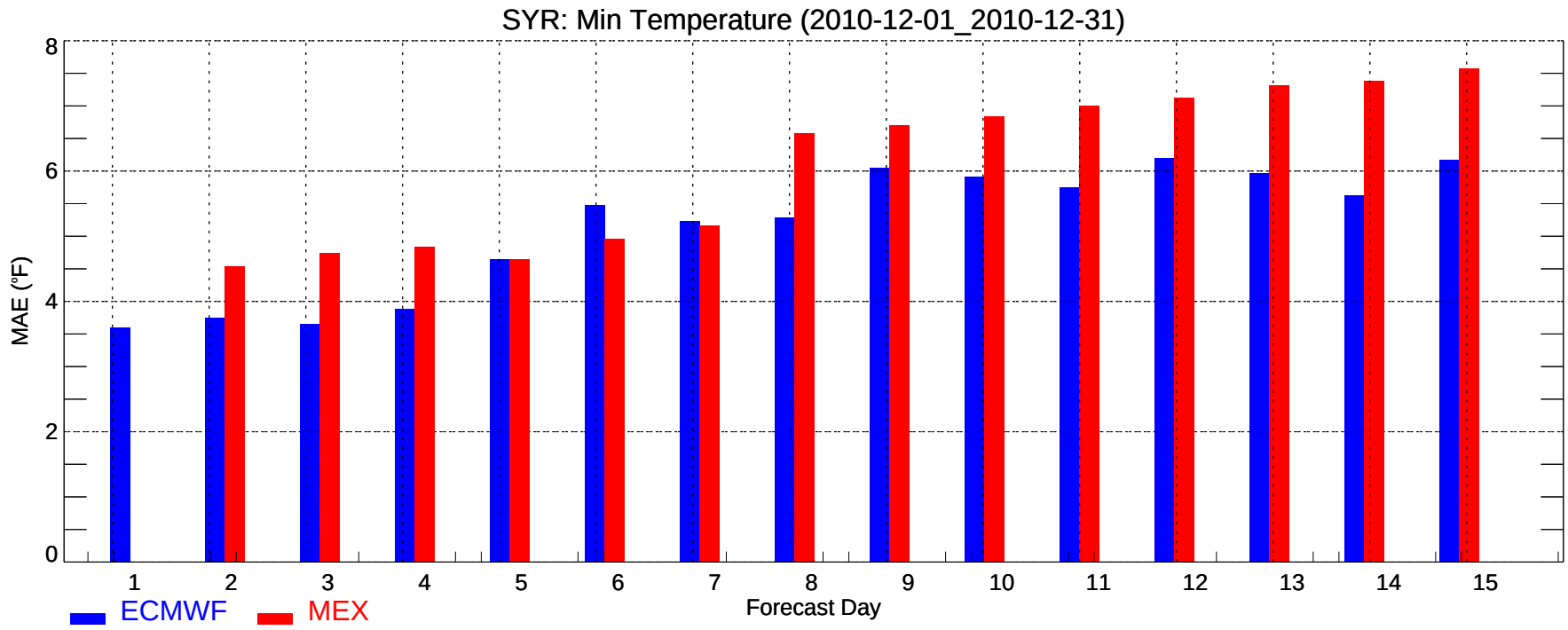

STL: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

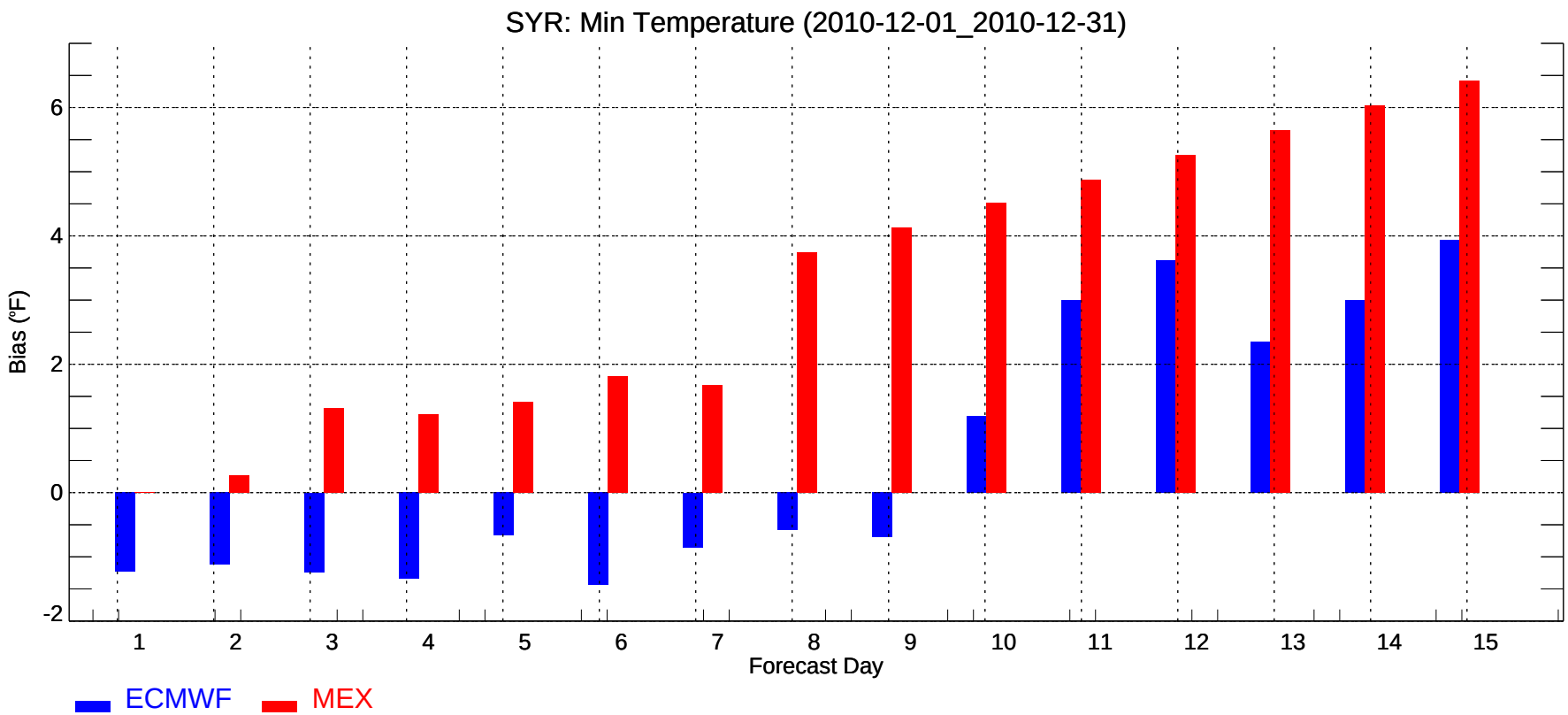

STL: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

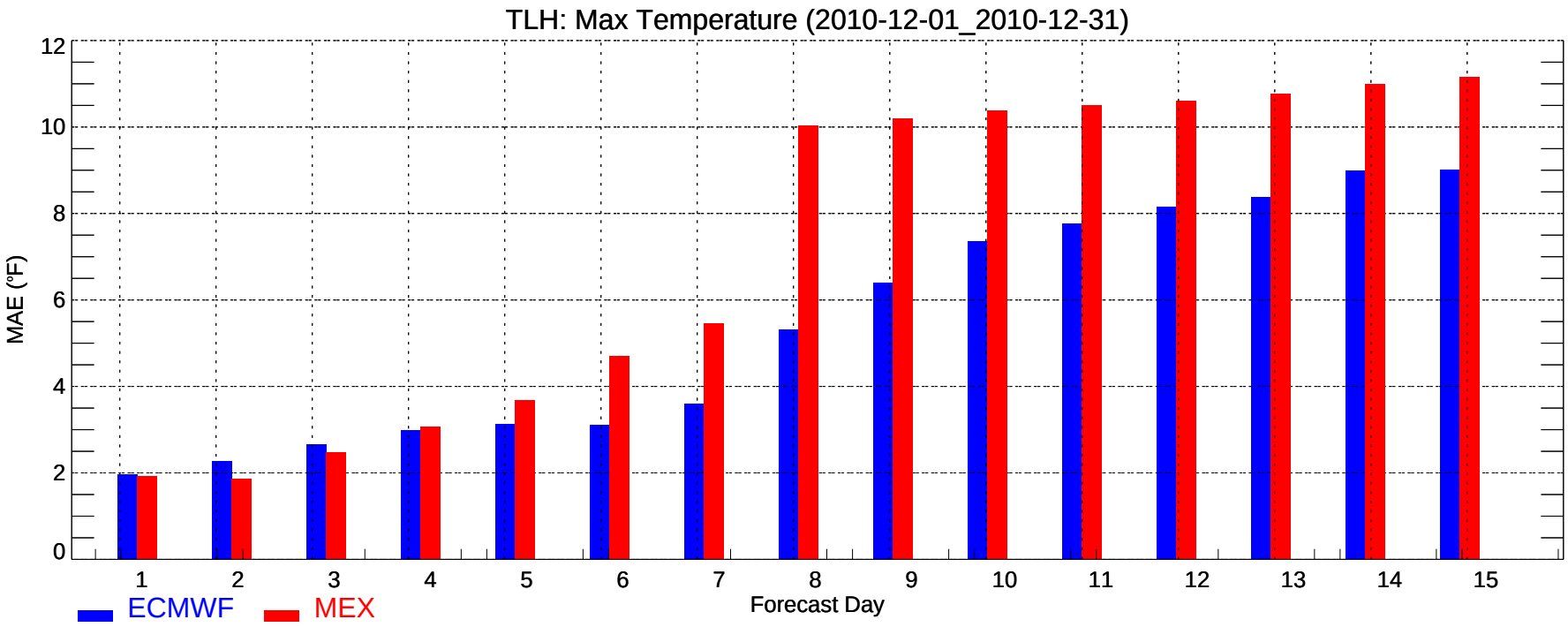

STL: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

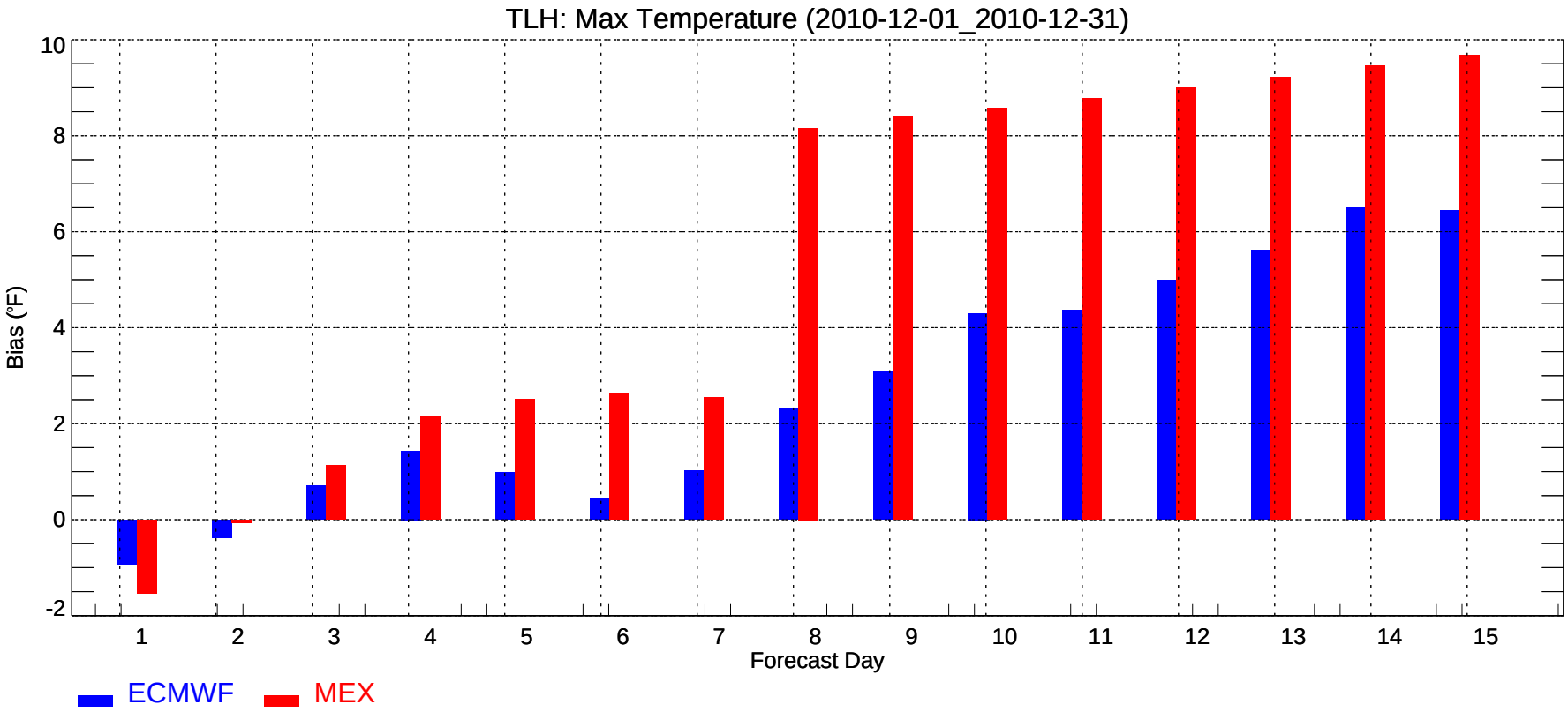

SYR: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

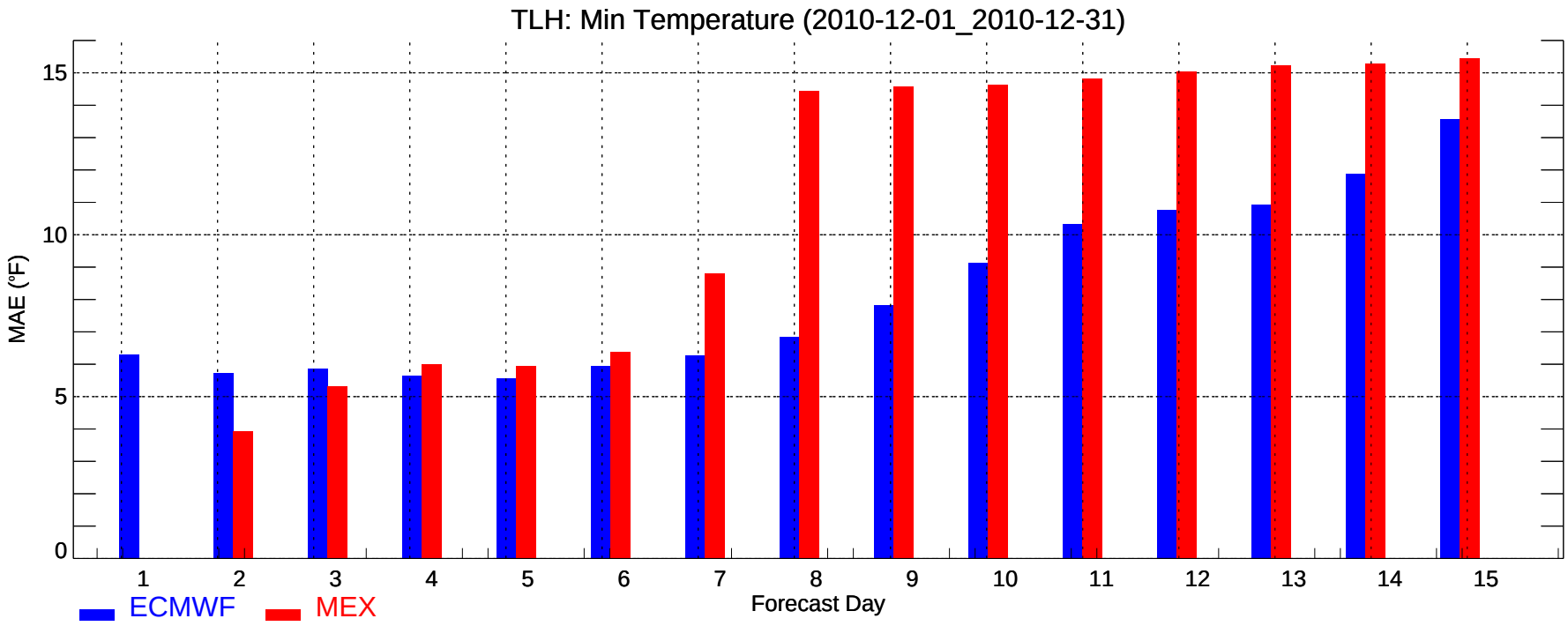

SYR: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

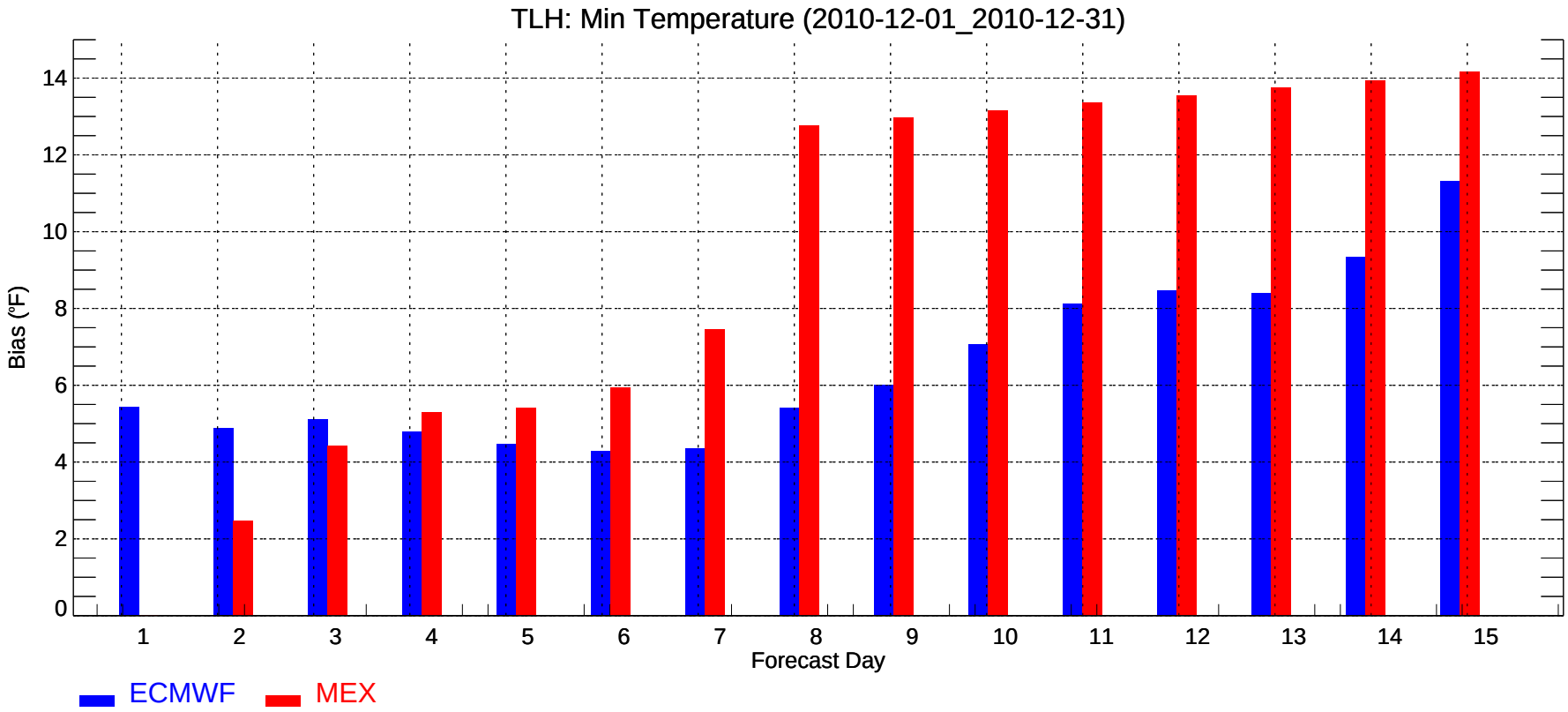

SYR: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

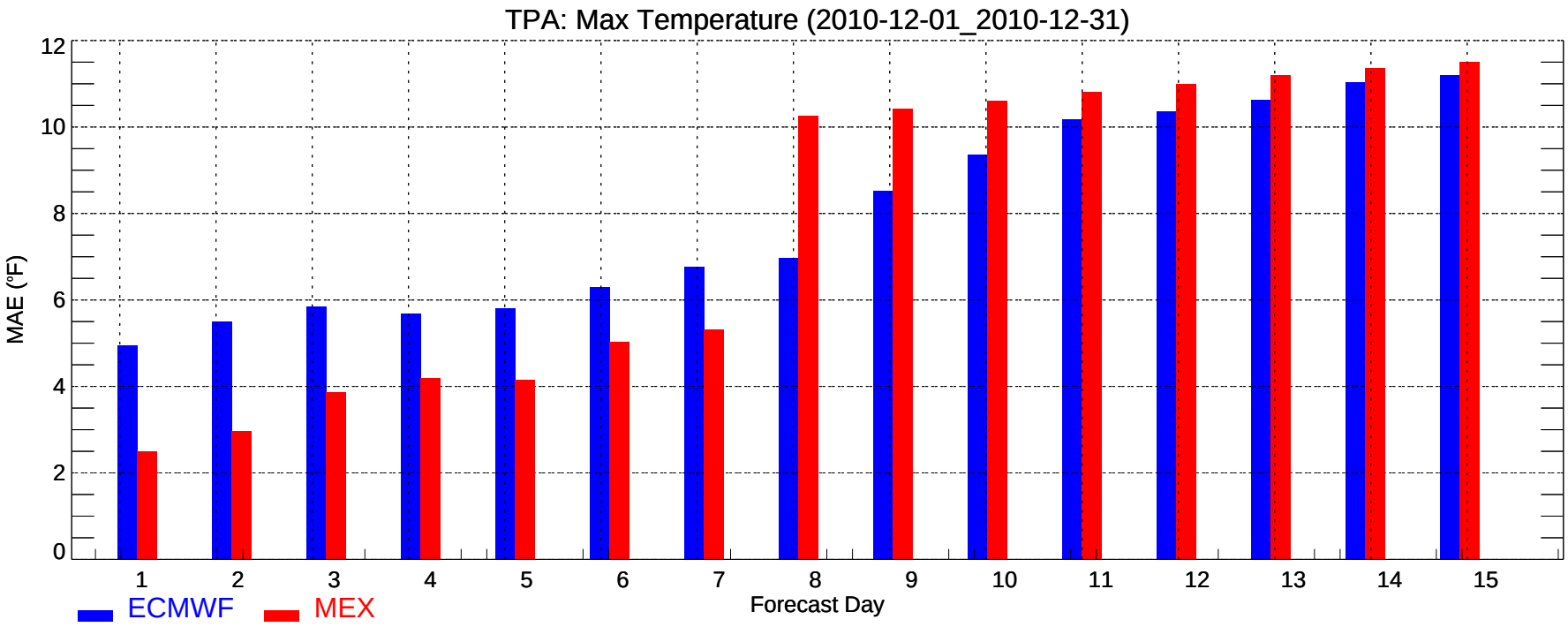

SYR: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

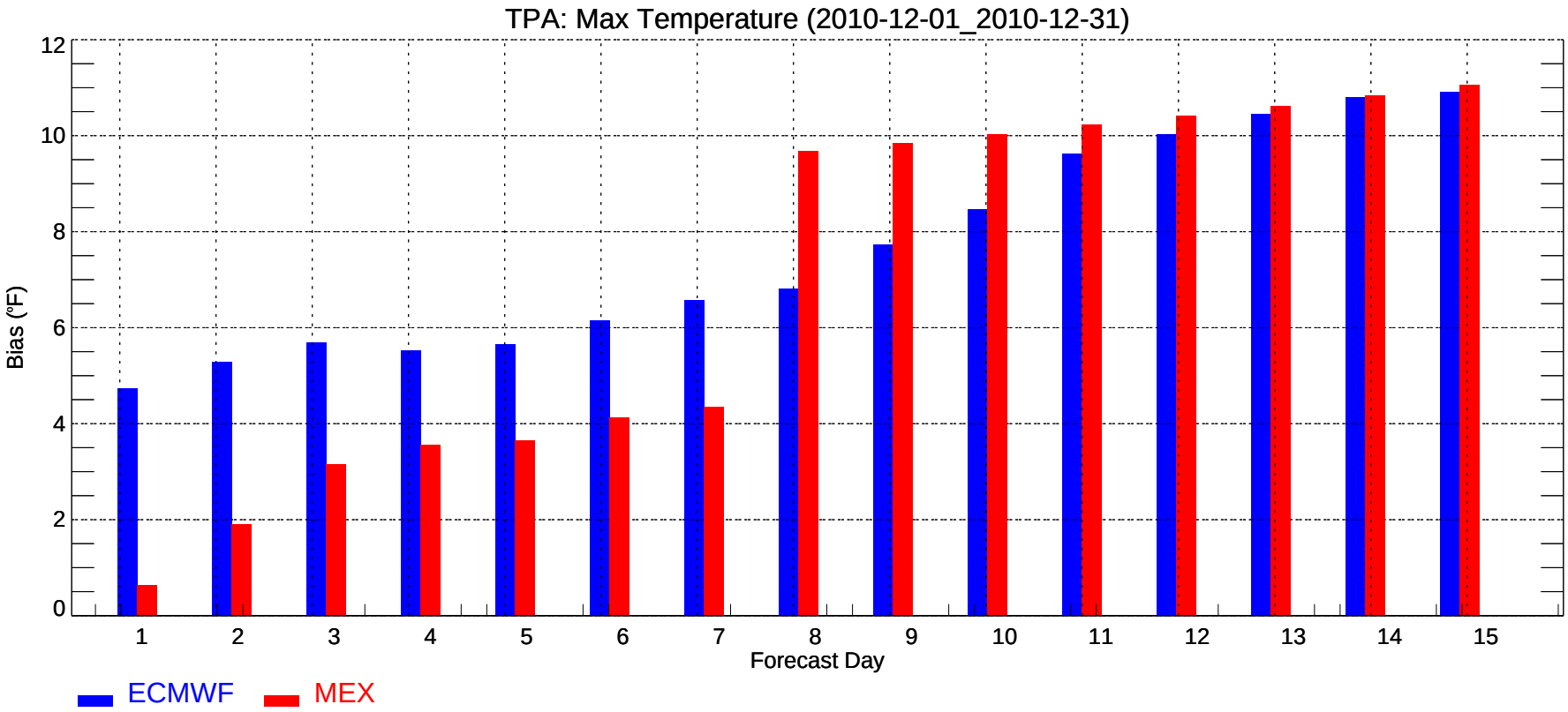

TLH: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

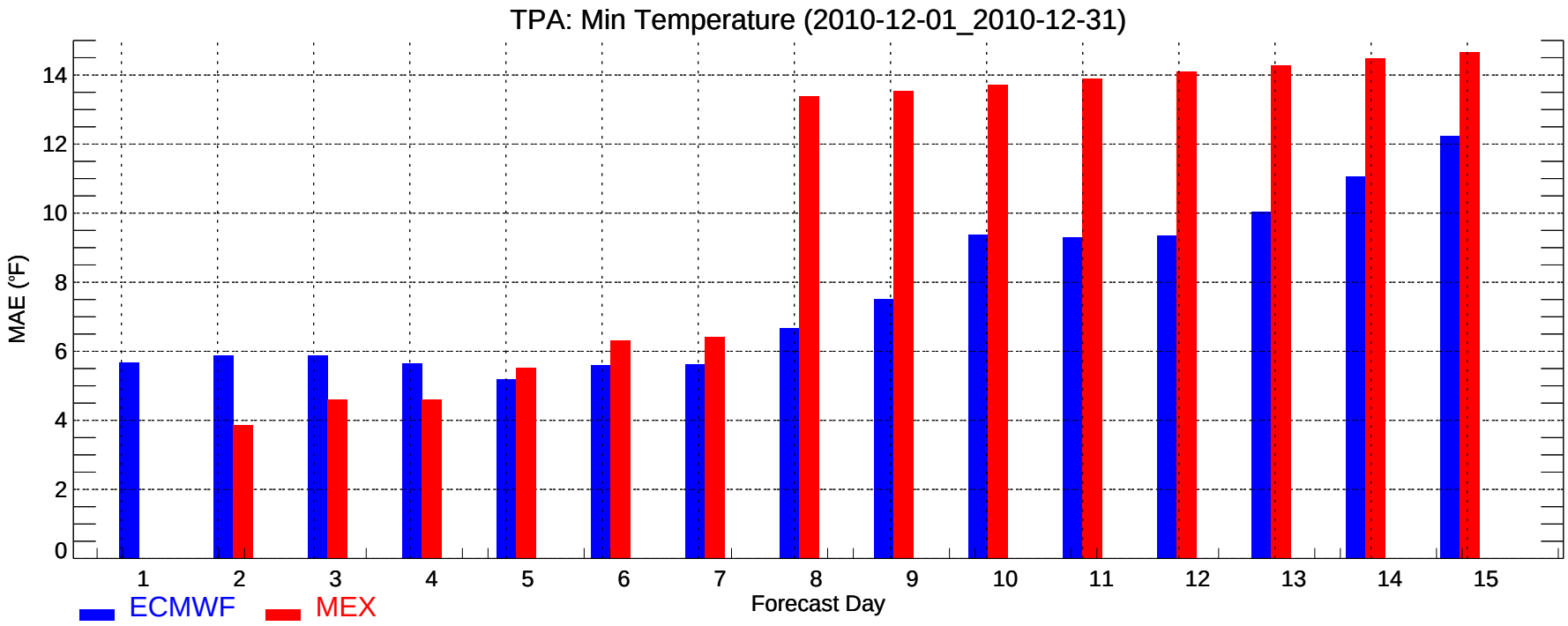

TLH: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

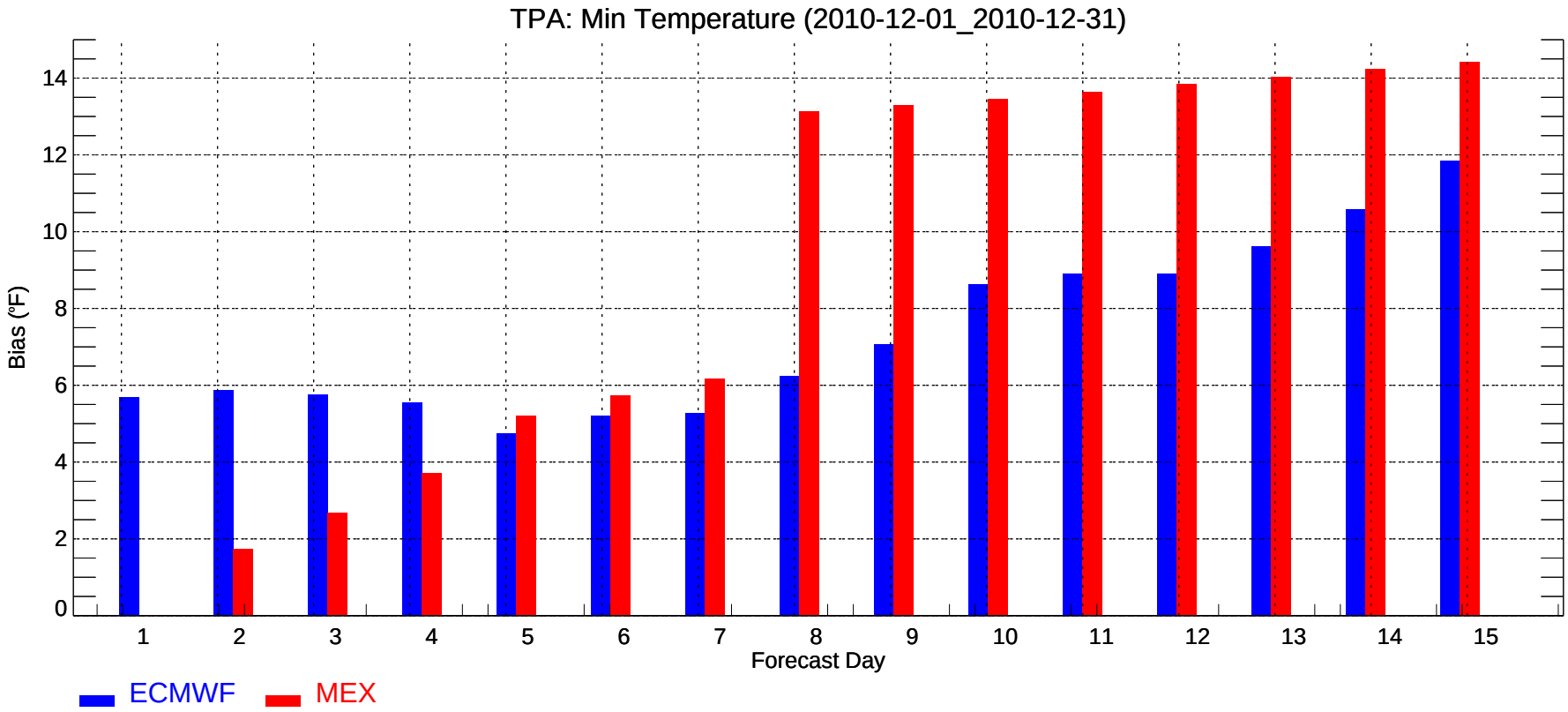

TLH: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

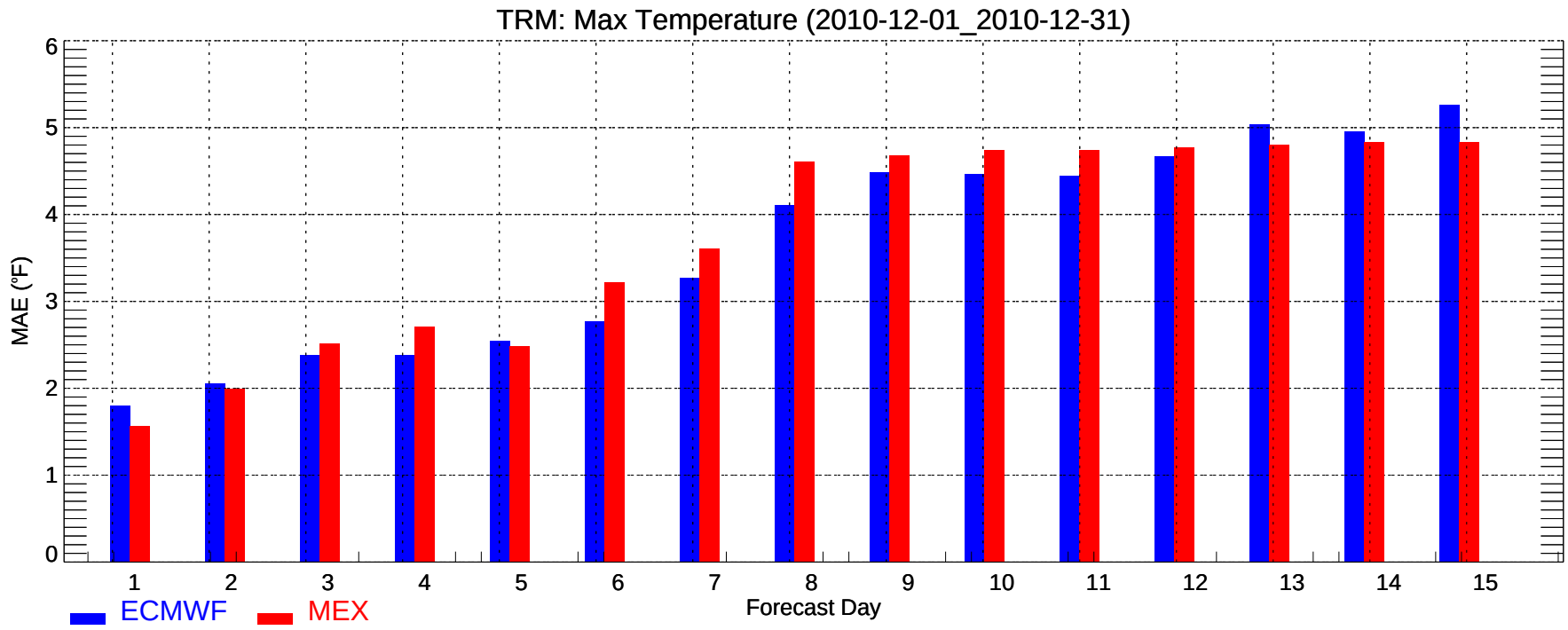

TLH: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

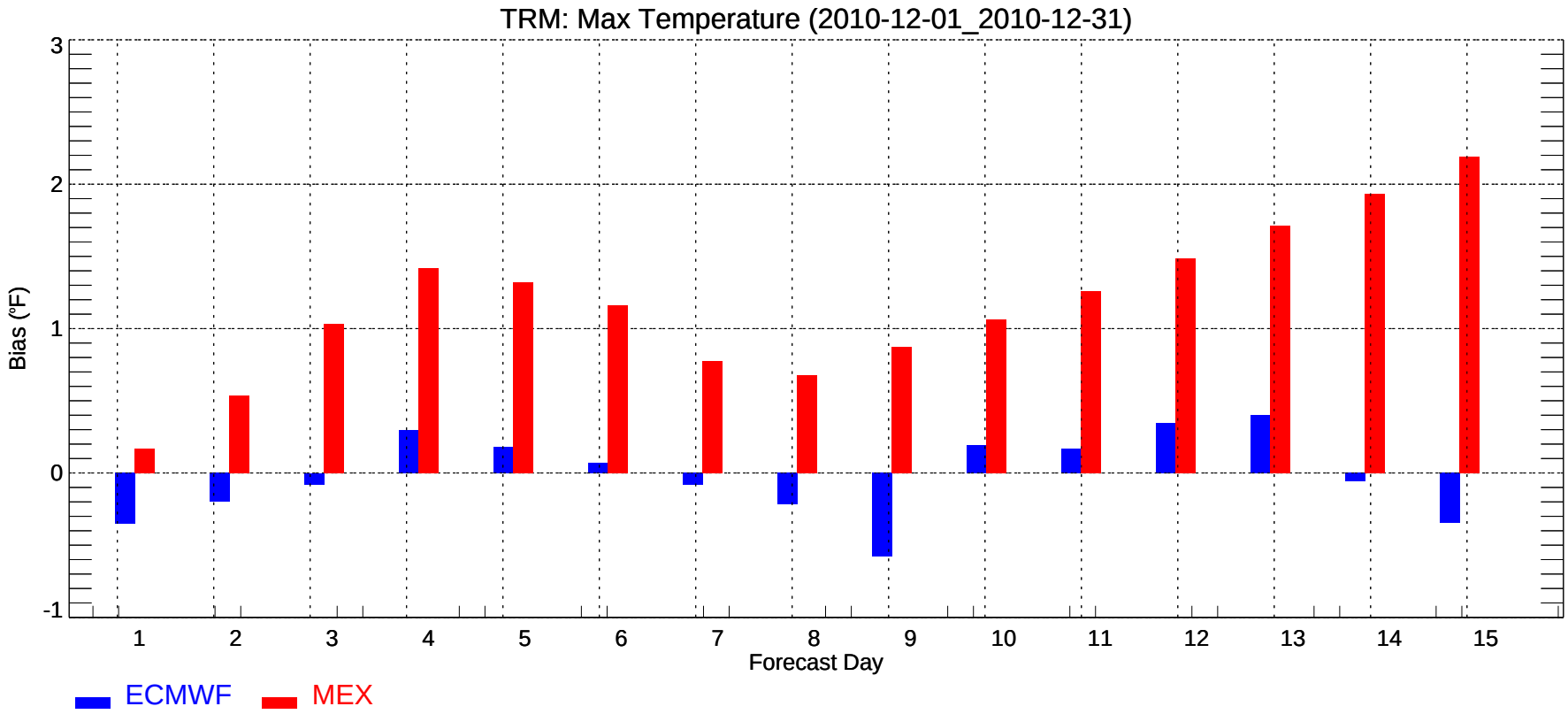

TPA: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

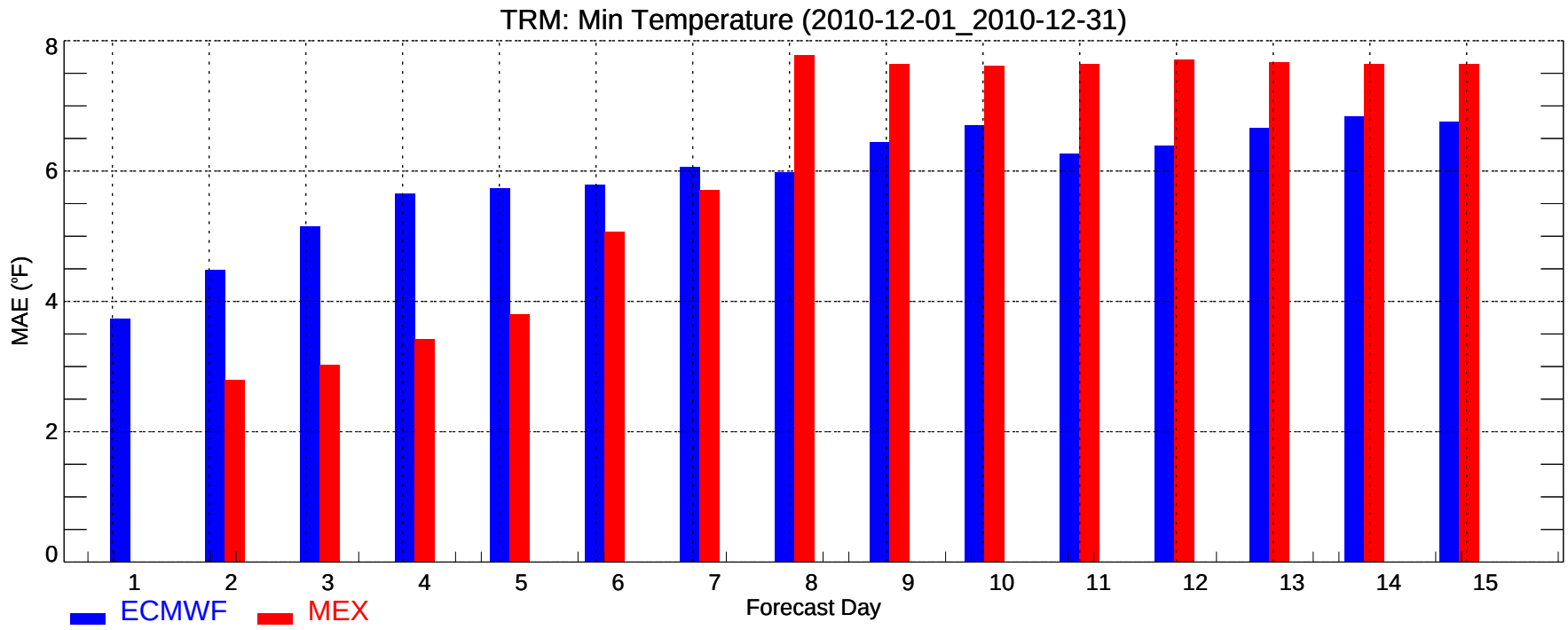

TPA: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

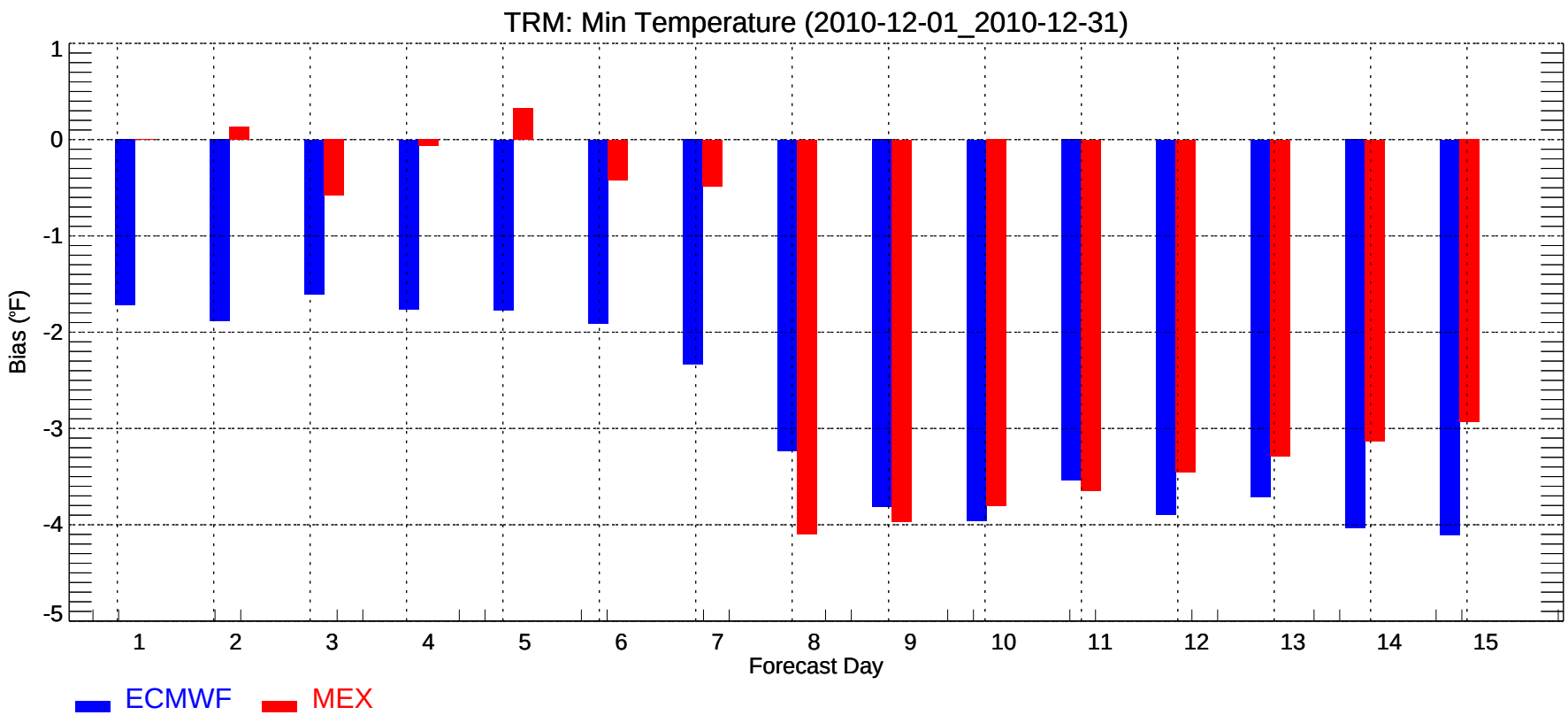

TPA: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

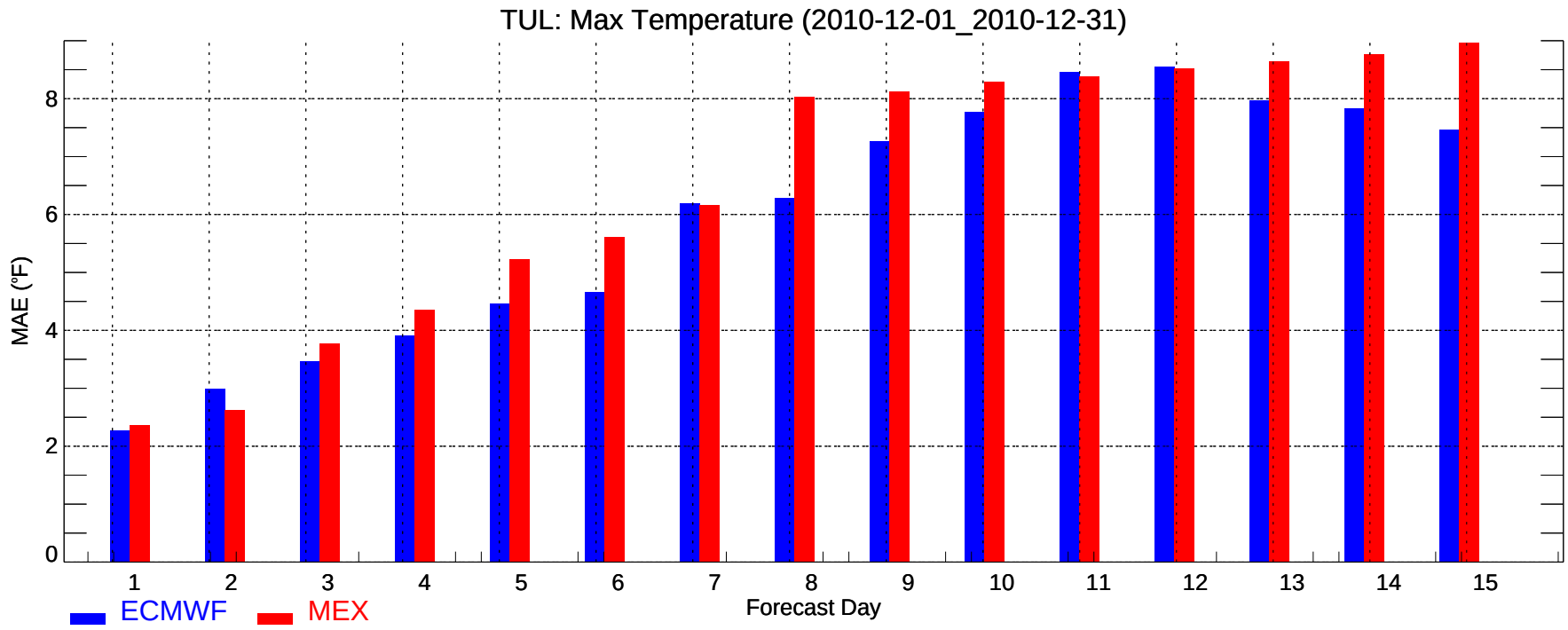

TPA: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

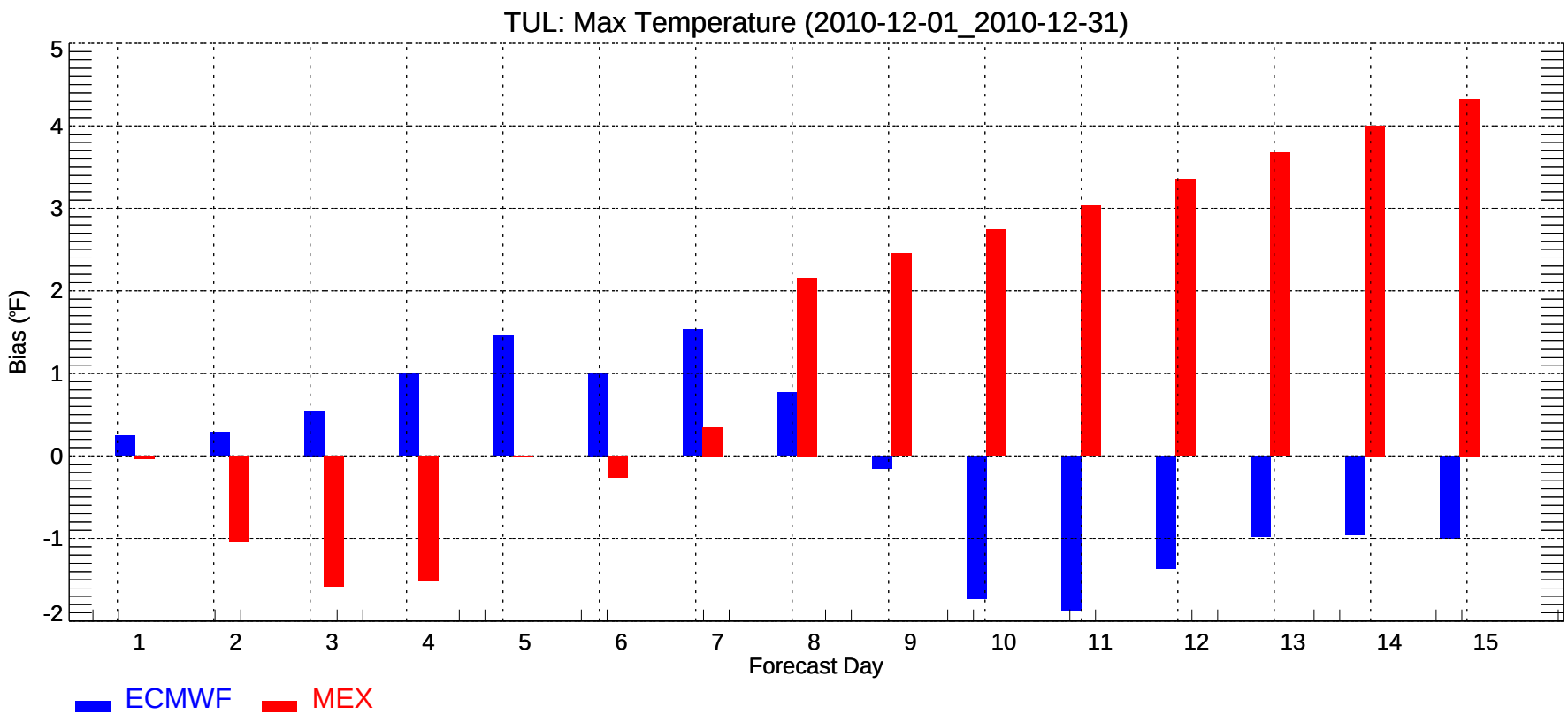

TRM: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

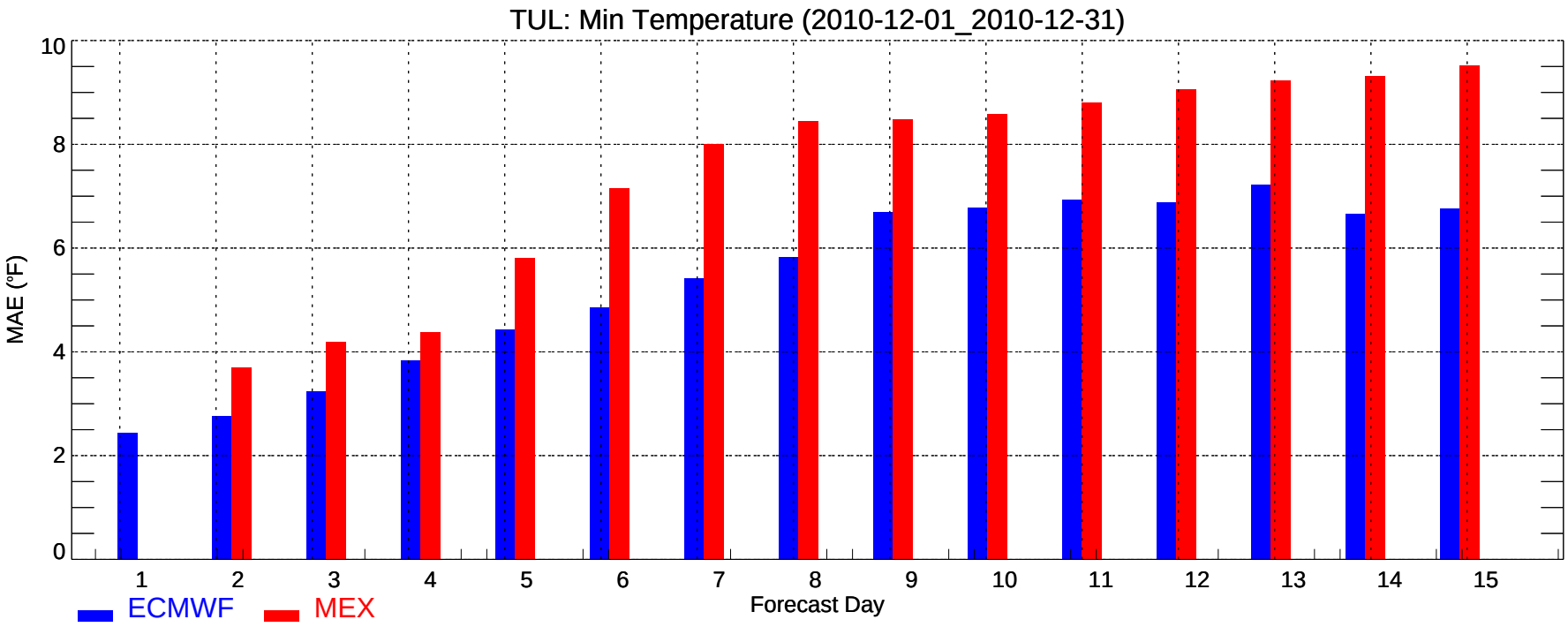

TRM: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

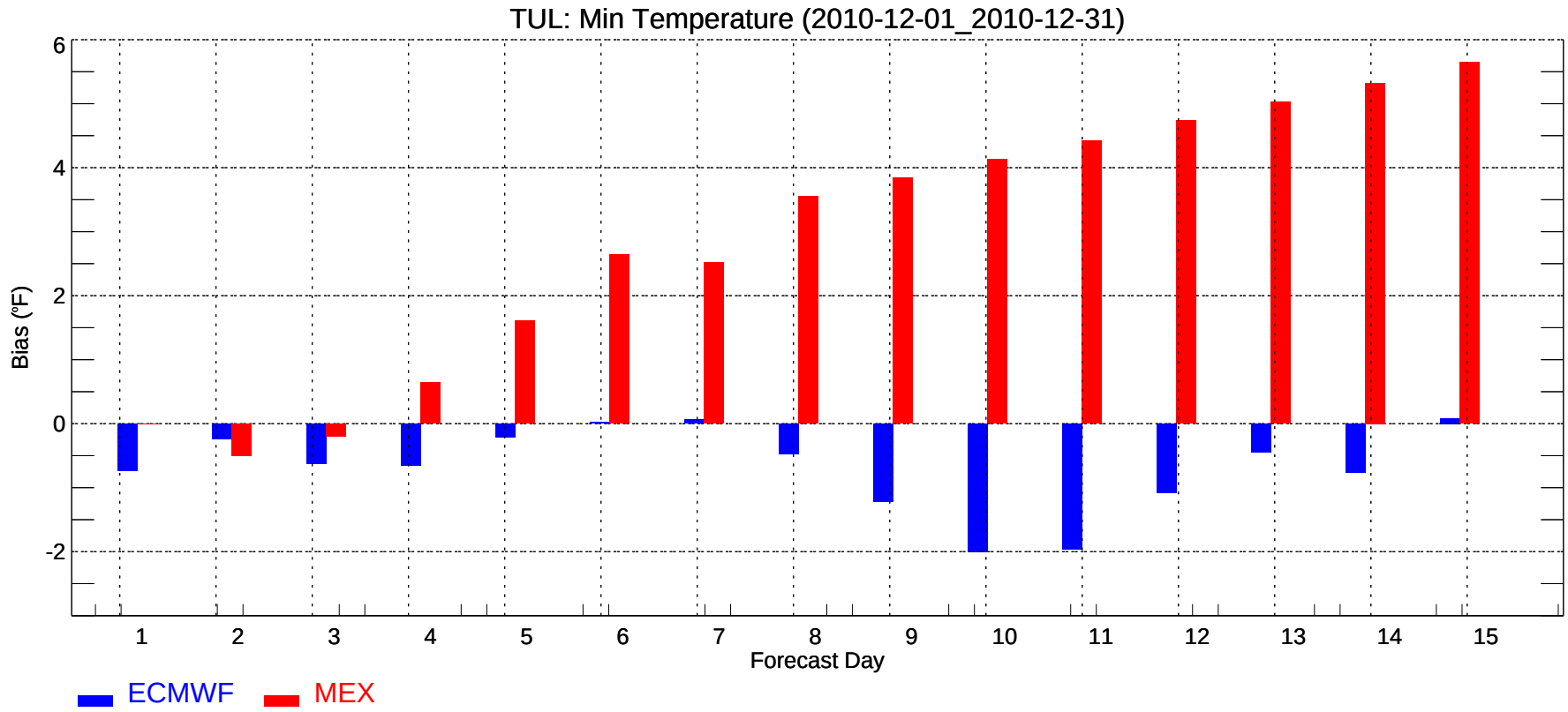

TRM: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

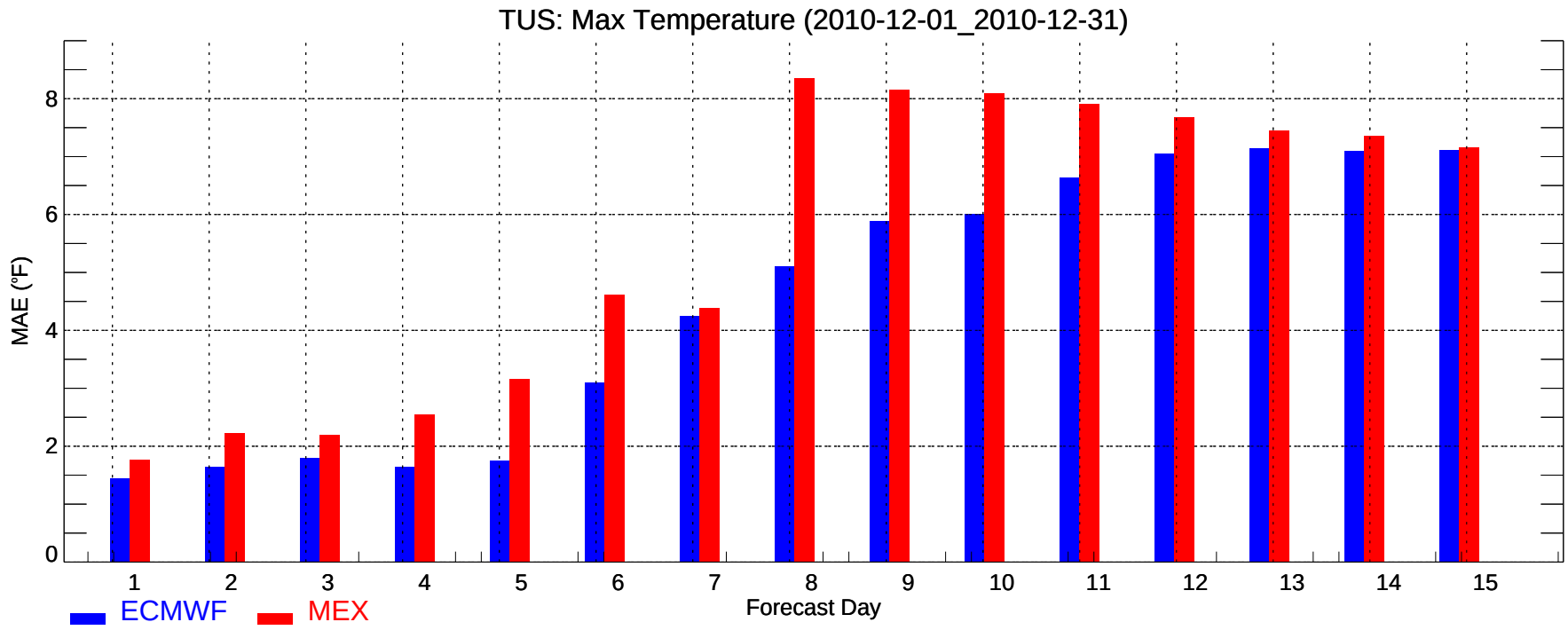

TRM: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

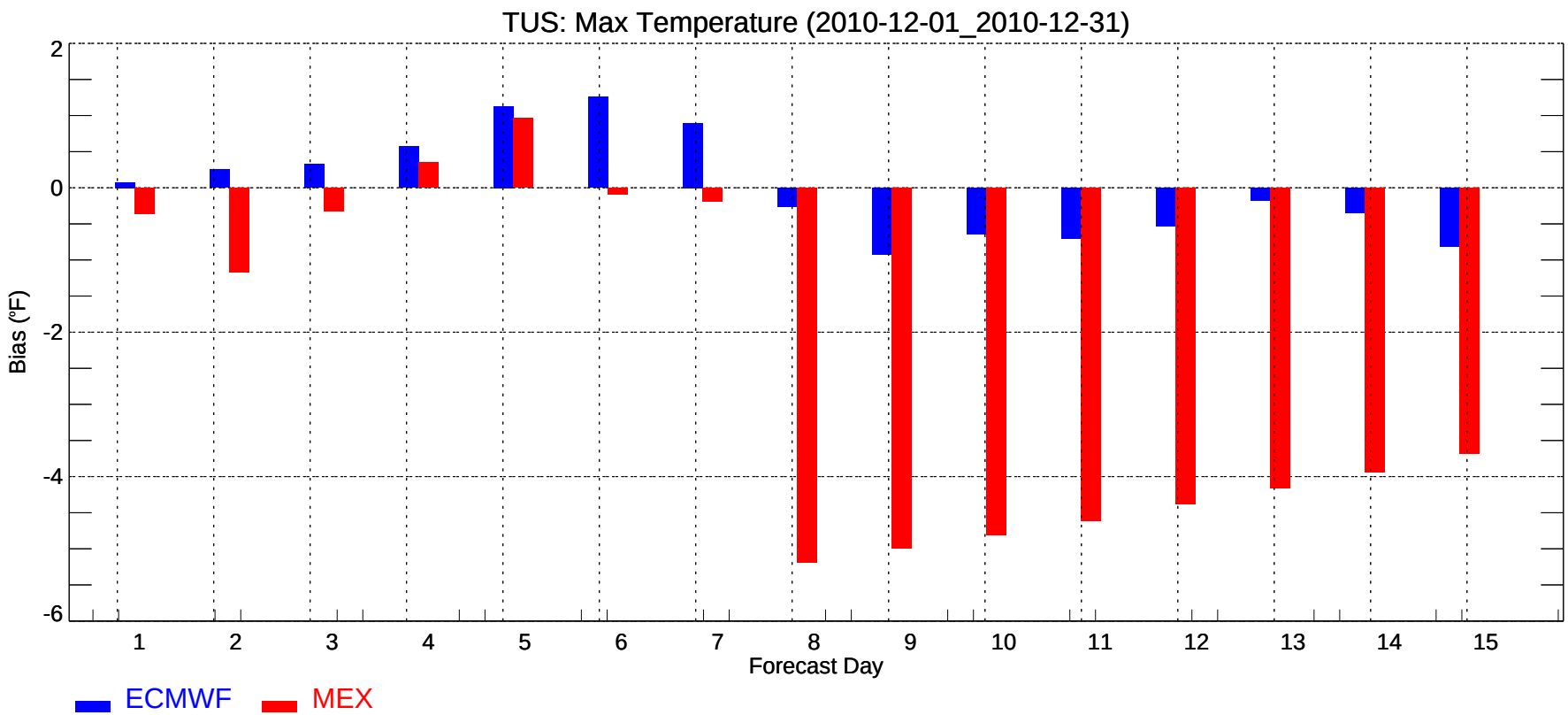

TUL: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

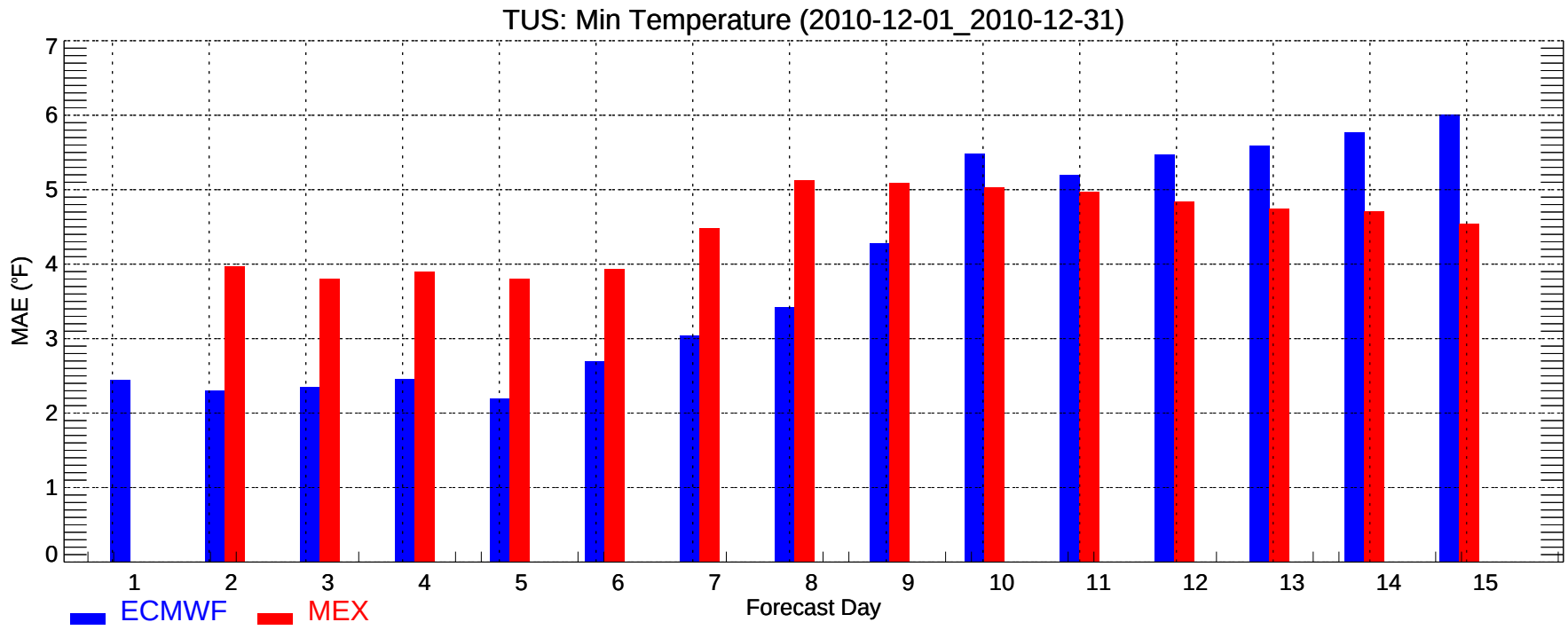

TUL: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
5
4
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

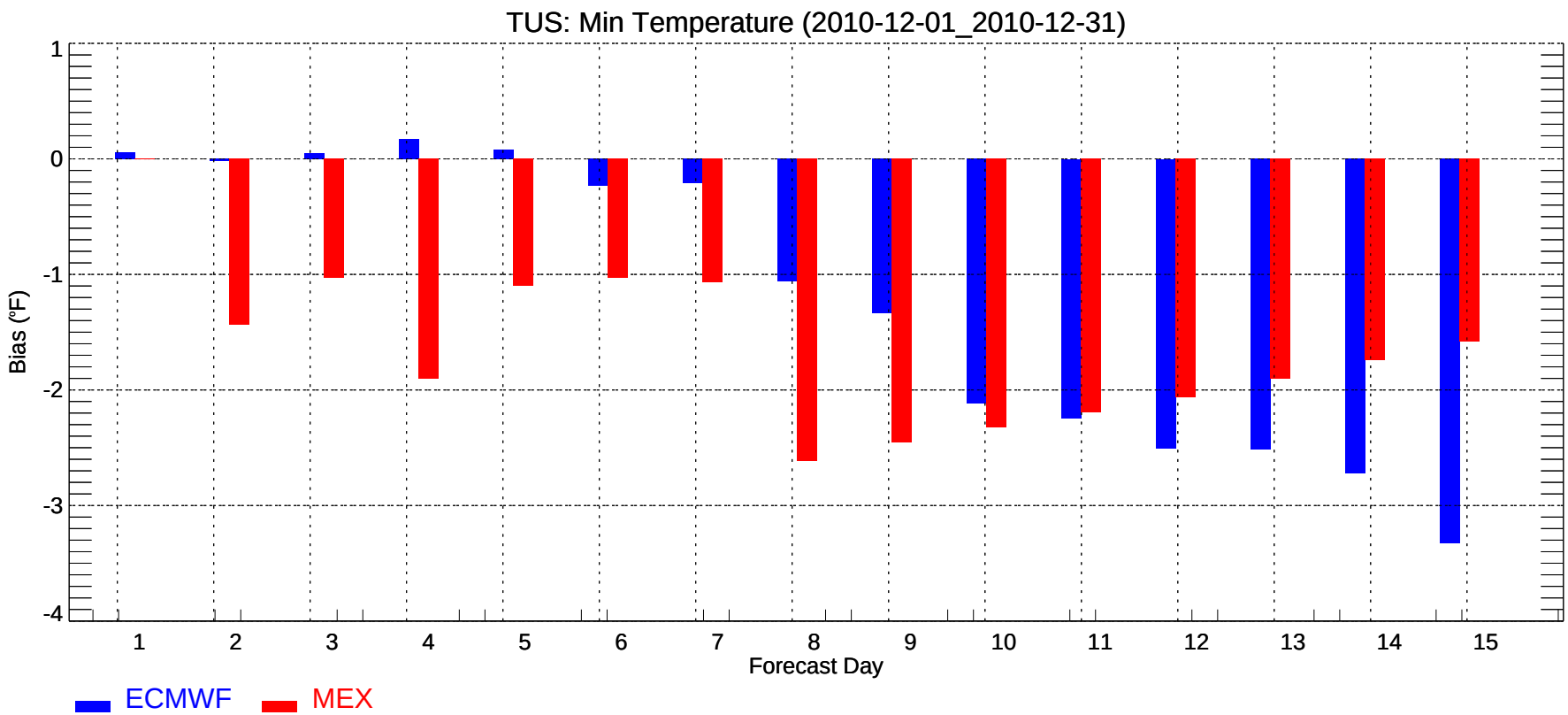

TUL: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

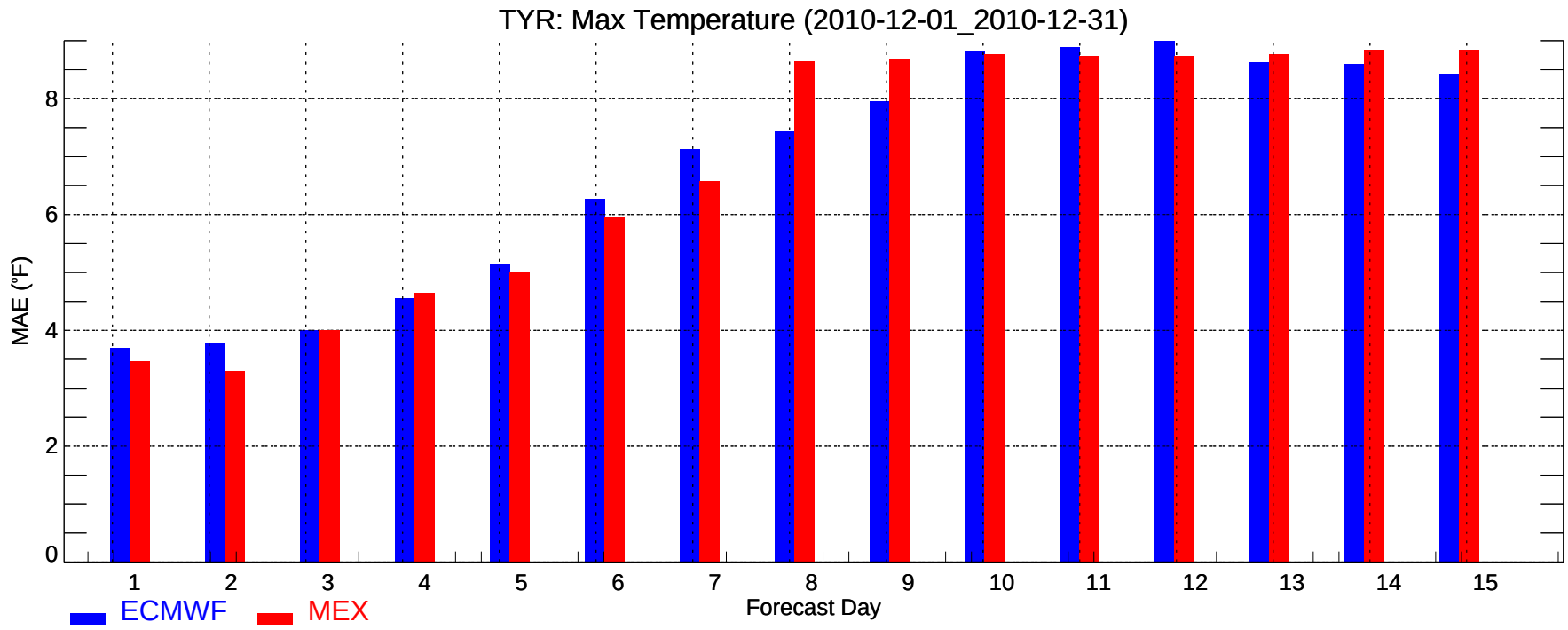

TUL: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

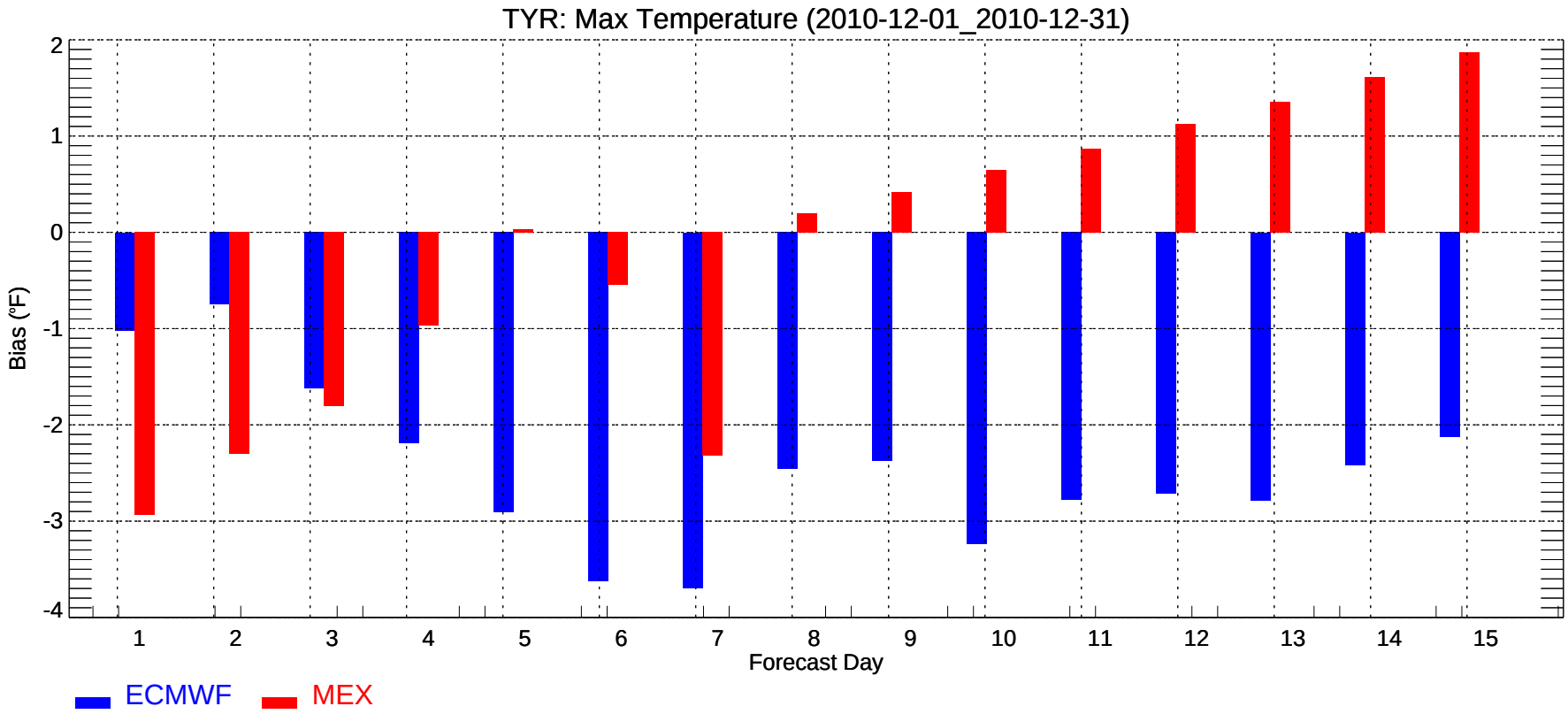

TUS: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

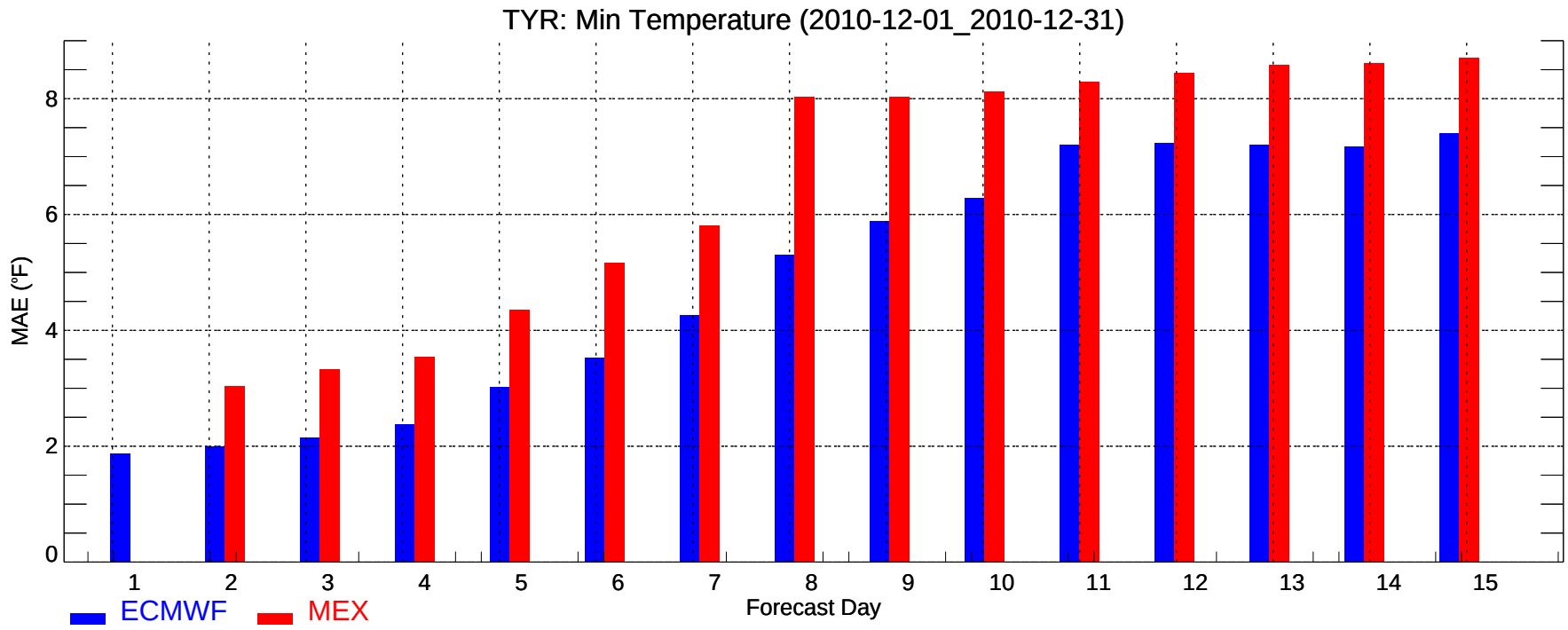

TUS: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

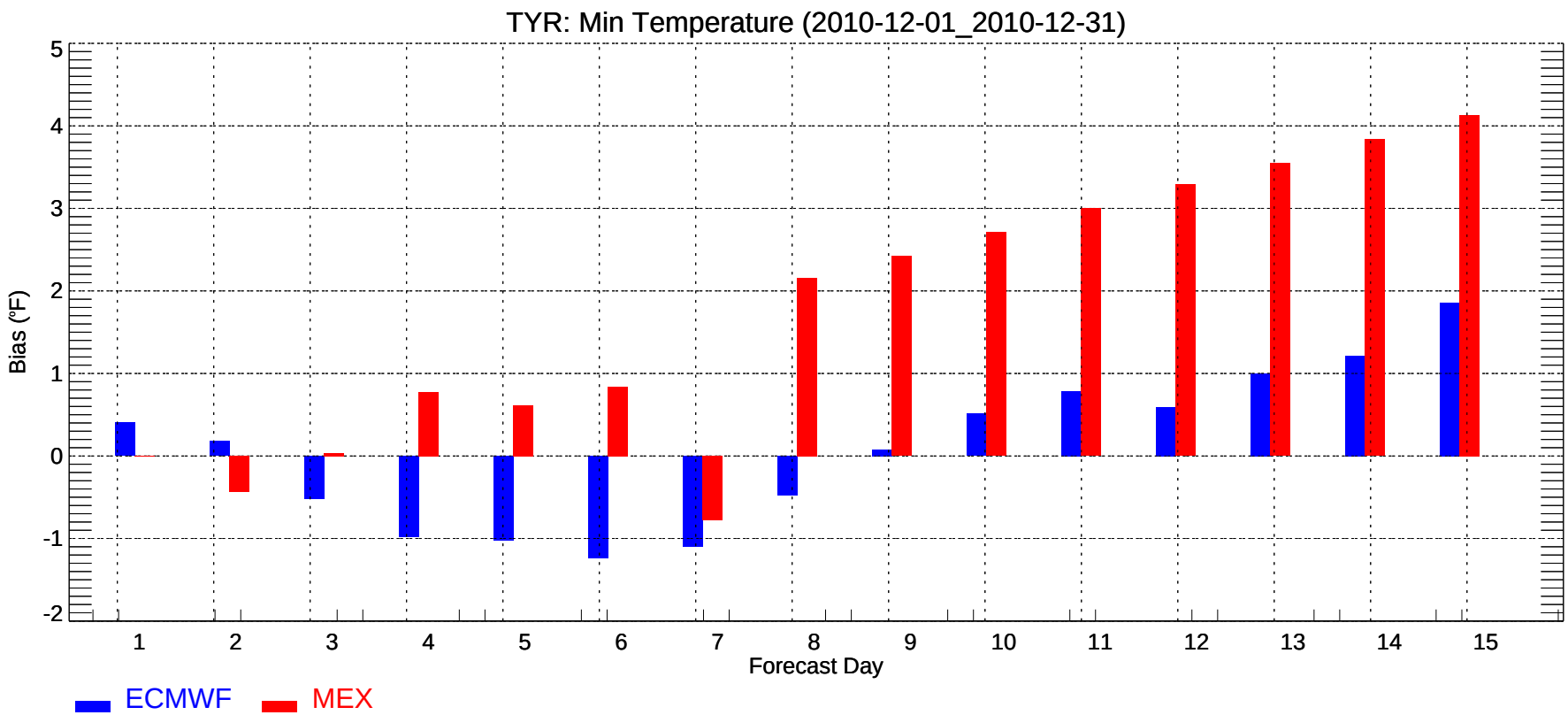

TUS: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

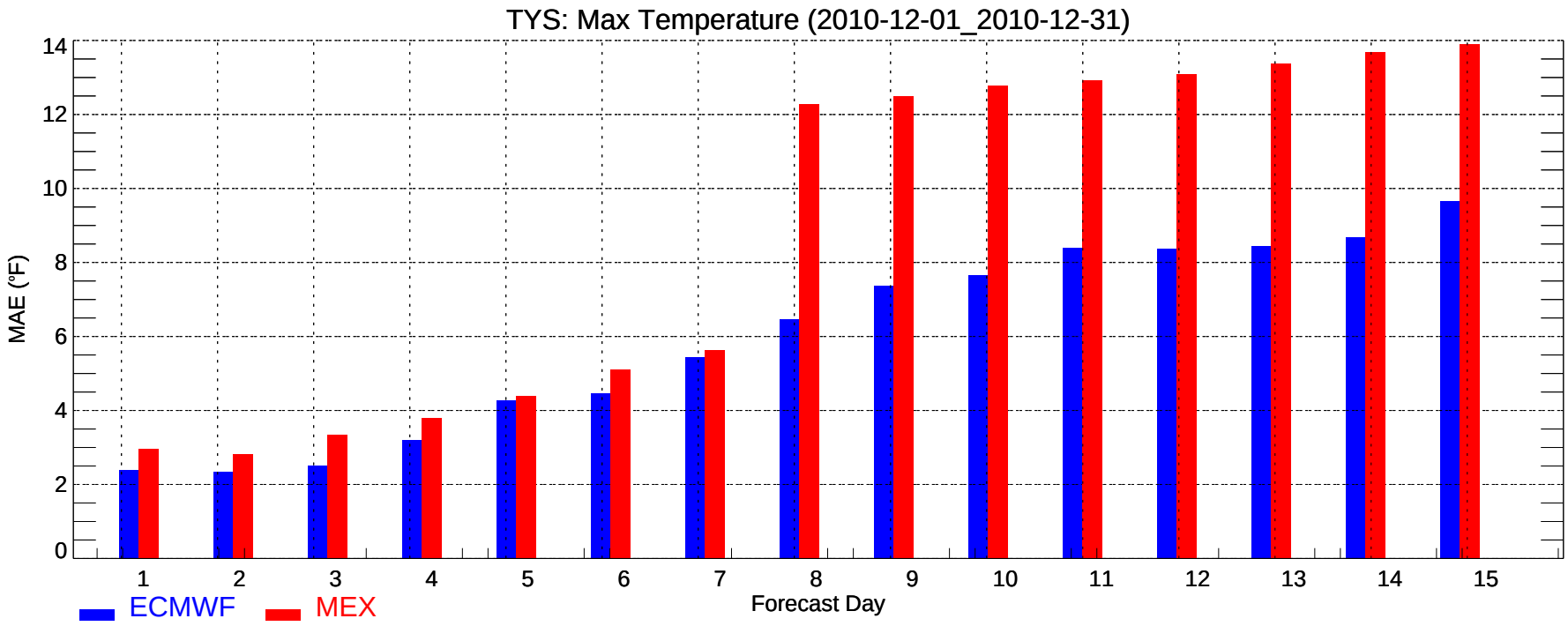

TUS: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

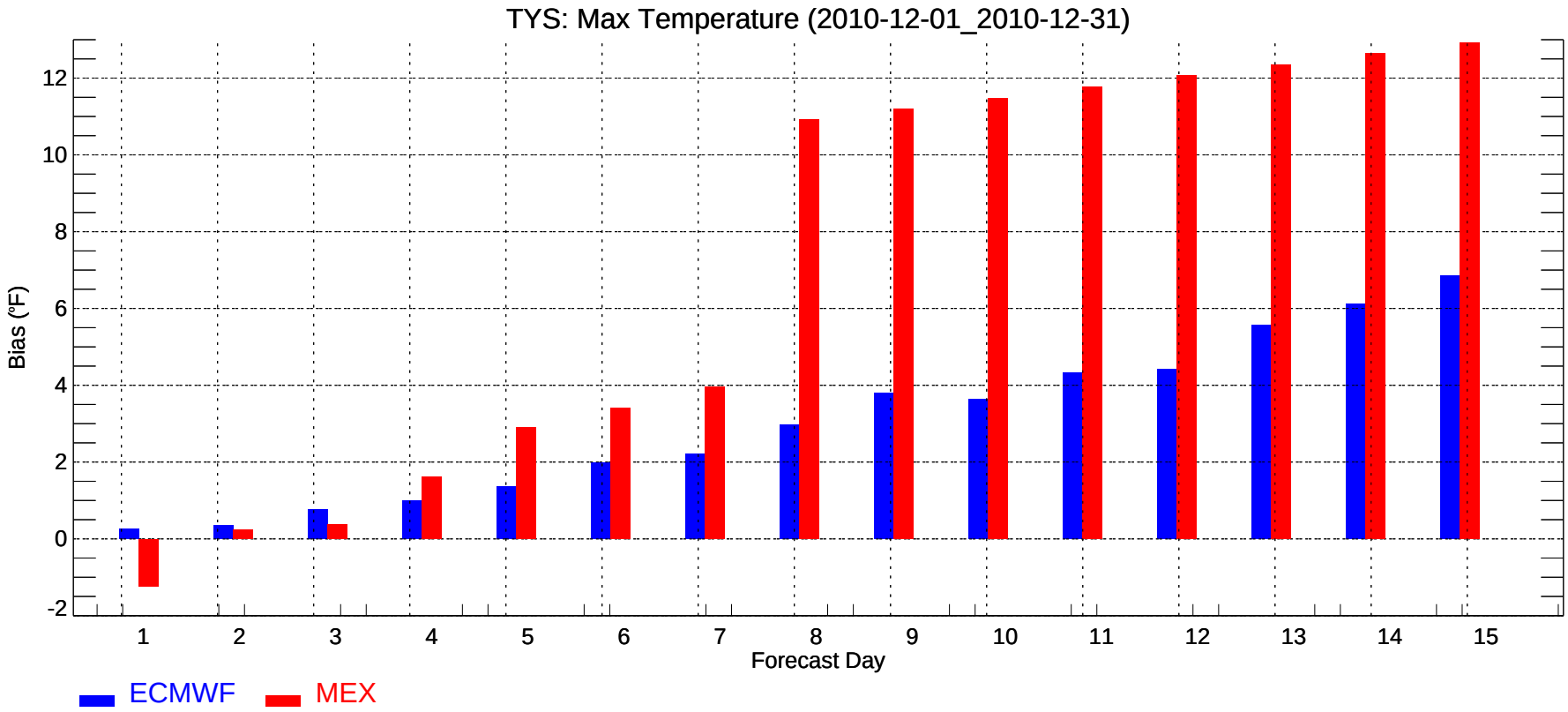

TYR: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

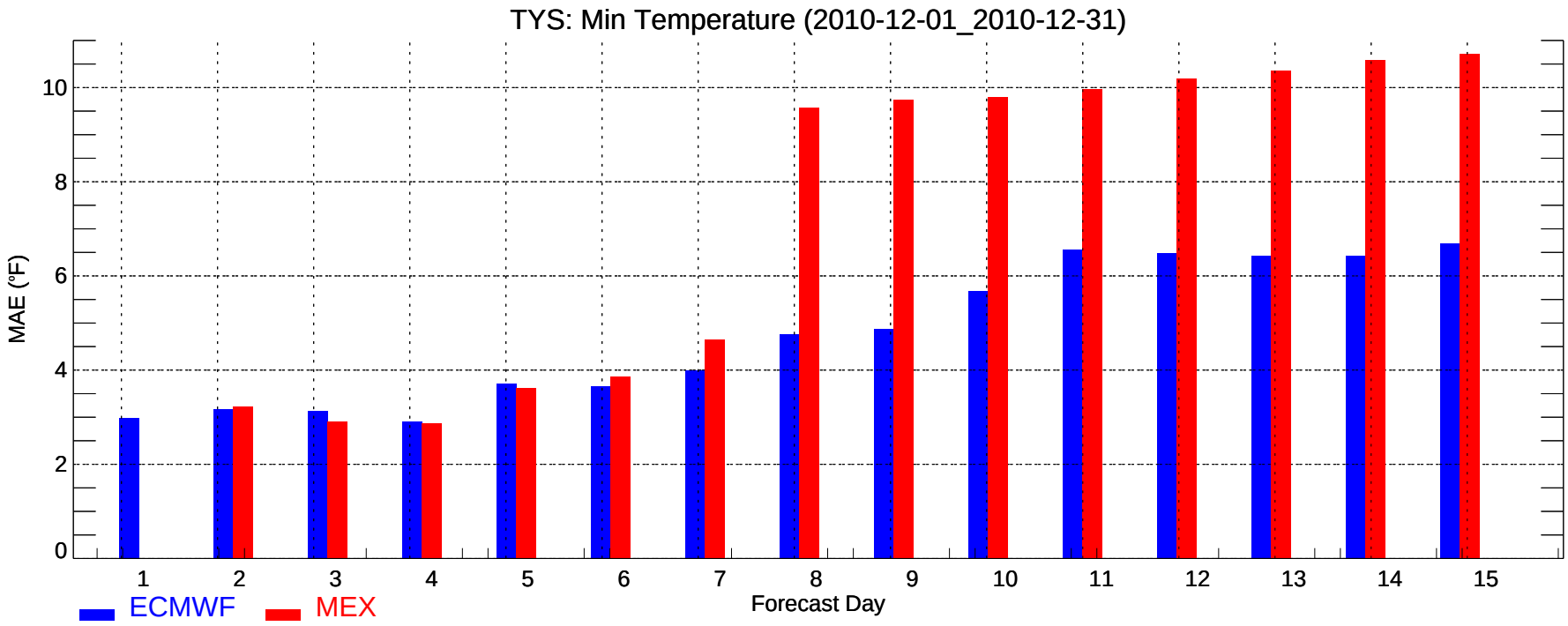

TYR: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

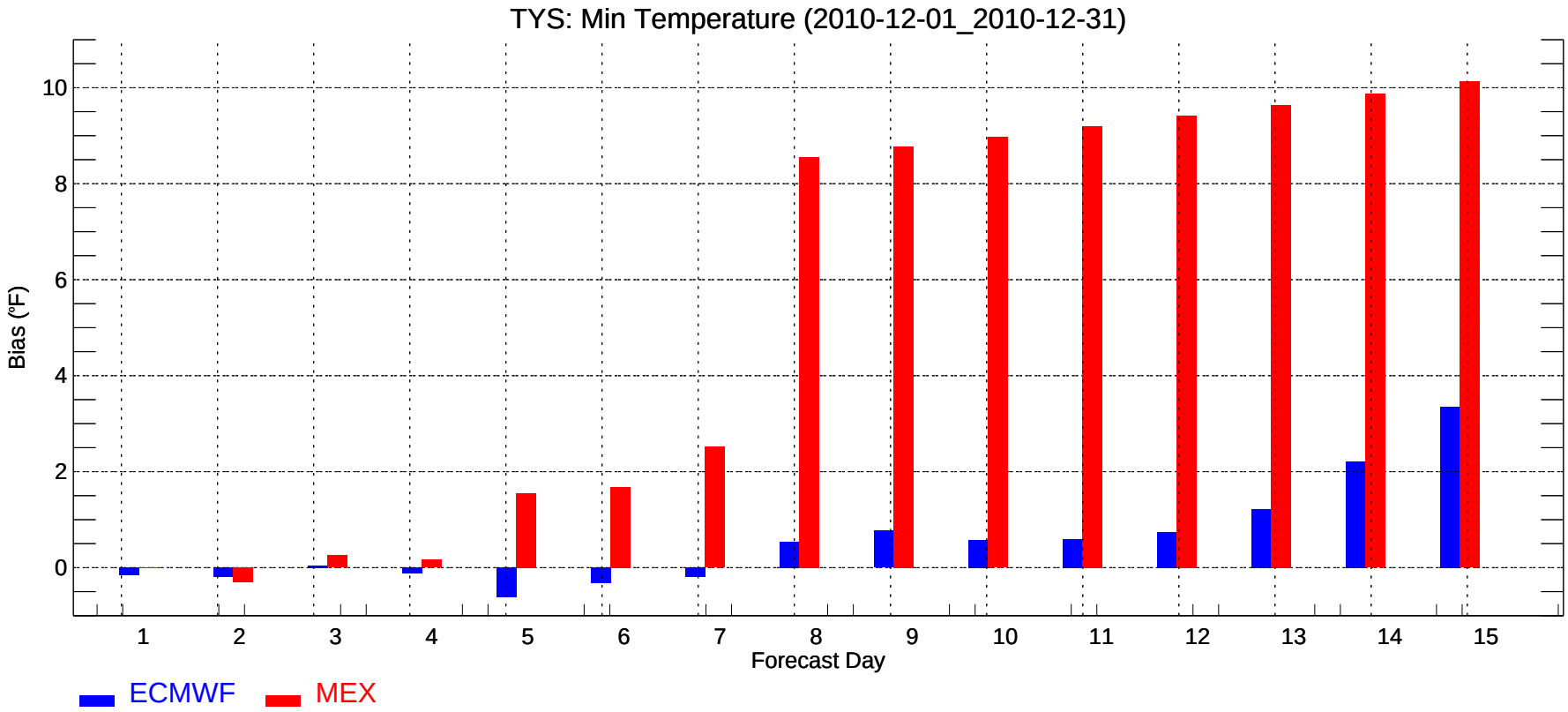

TYR: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

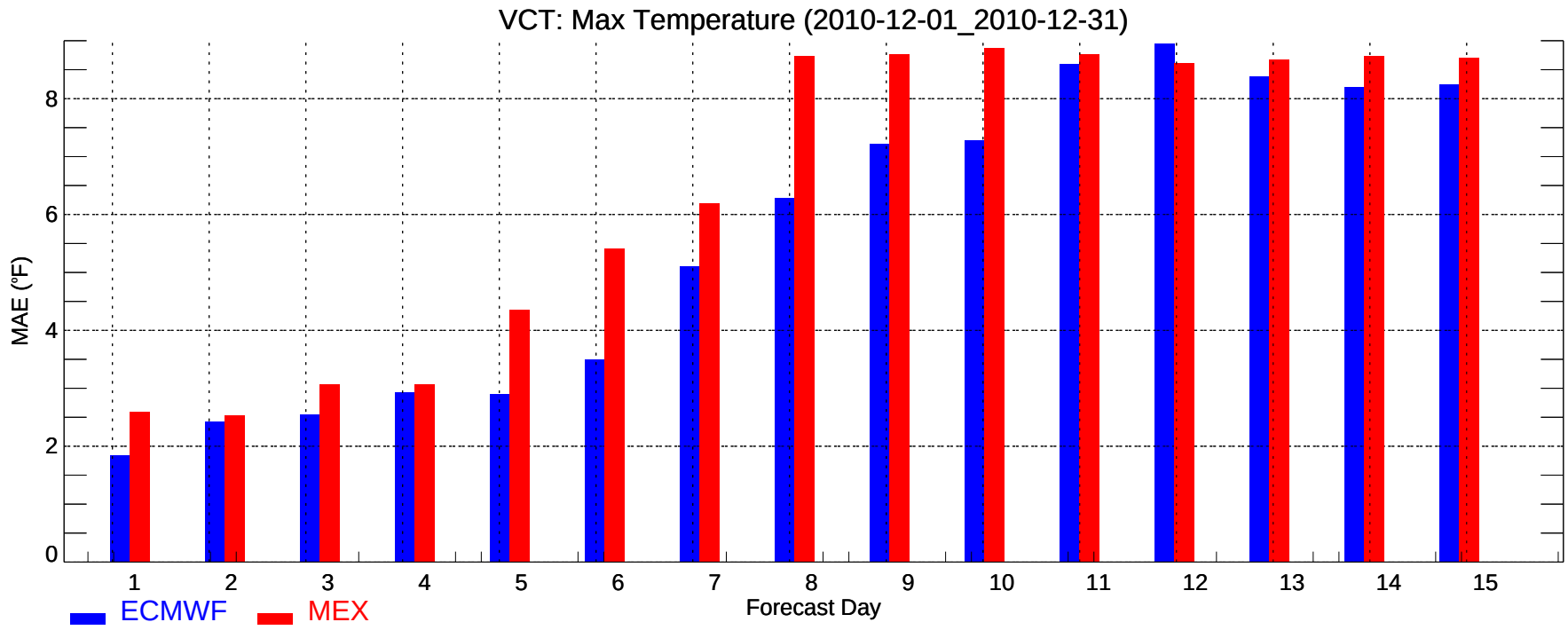

TYR: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
5
4
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

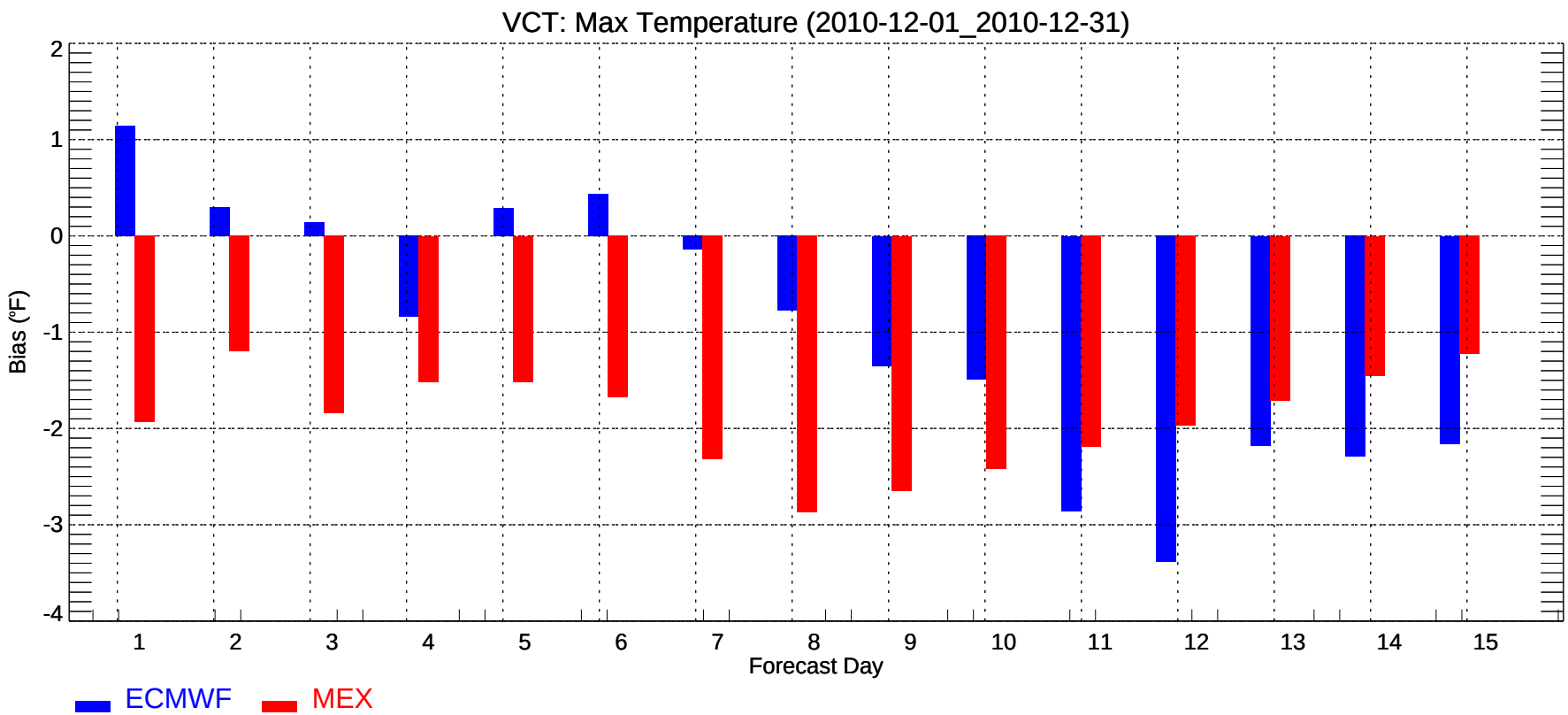

TYS: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

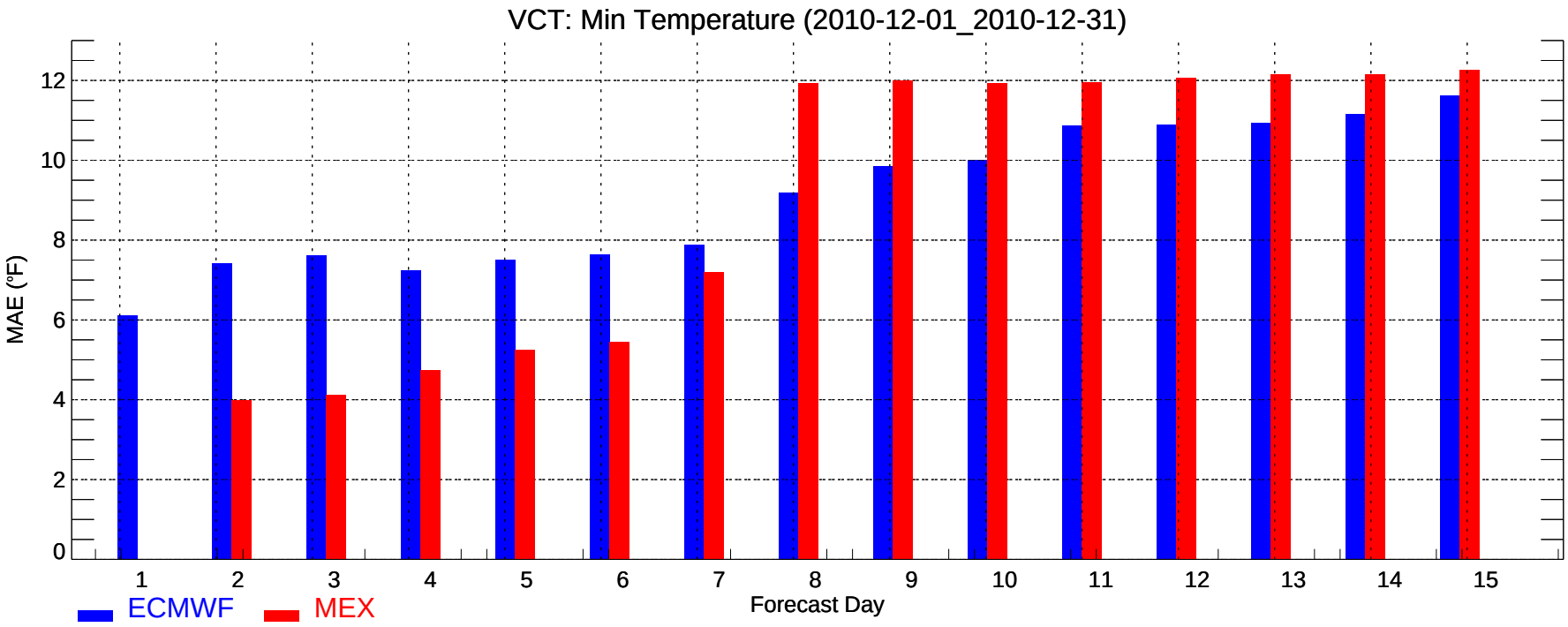

TYS: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

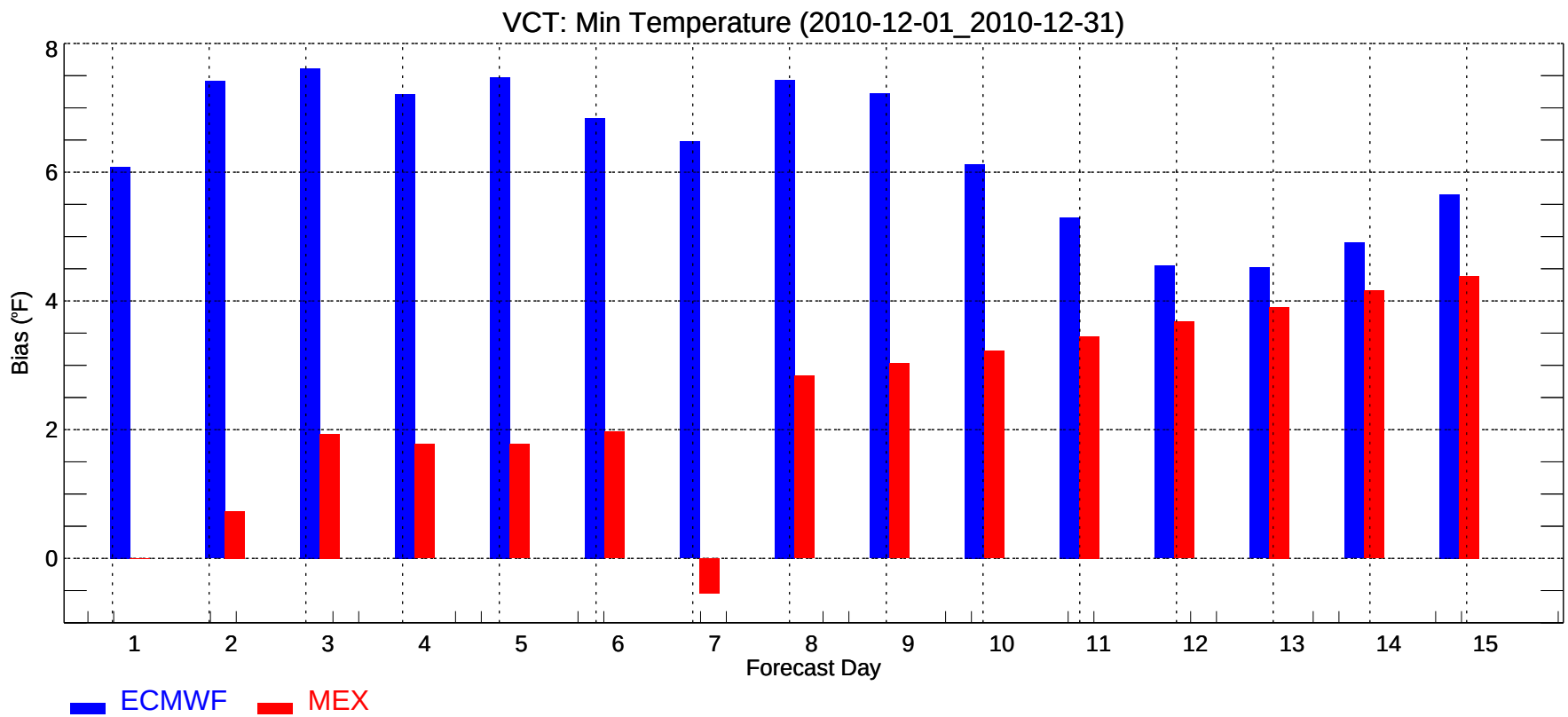

TYS: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

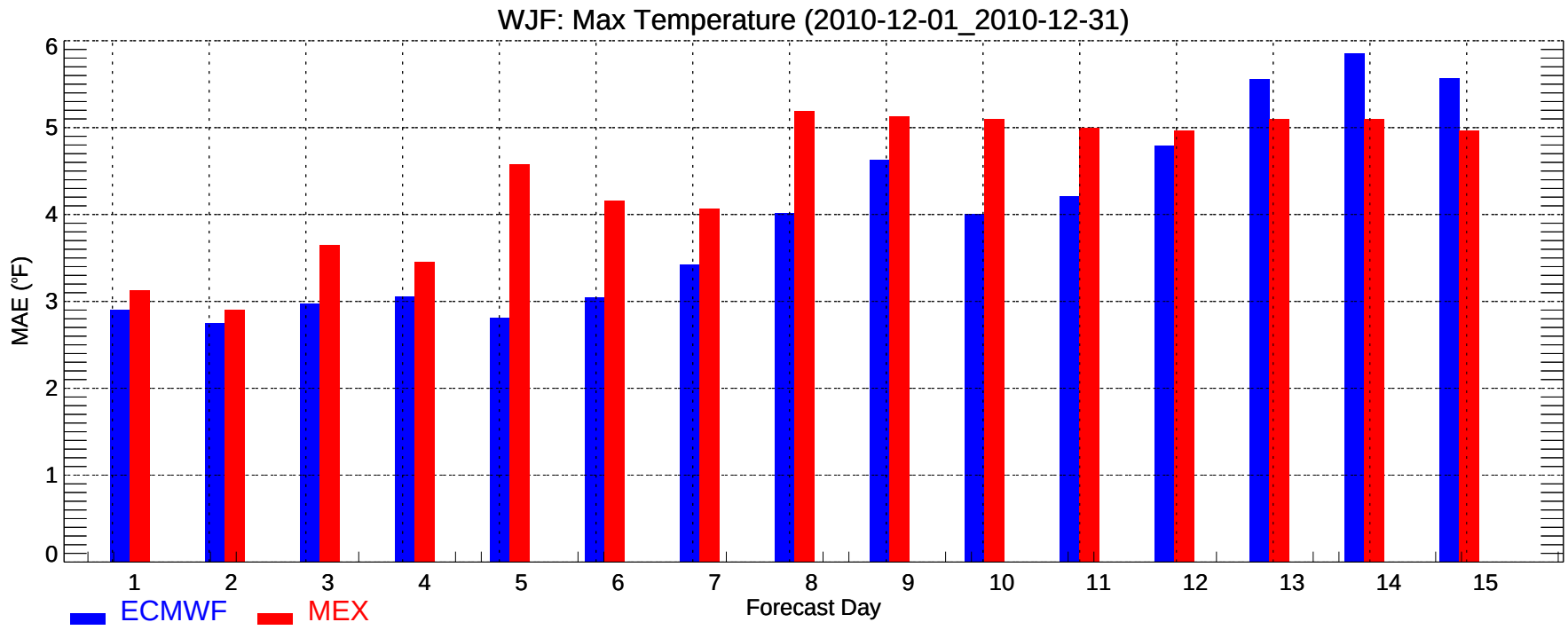

TYS: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

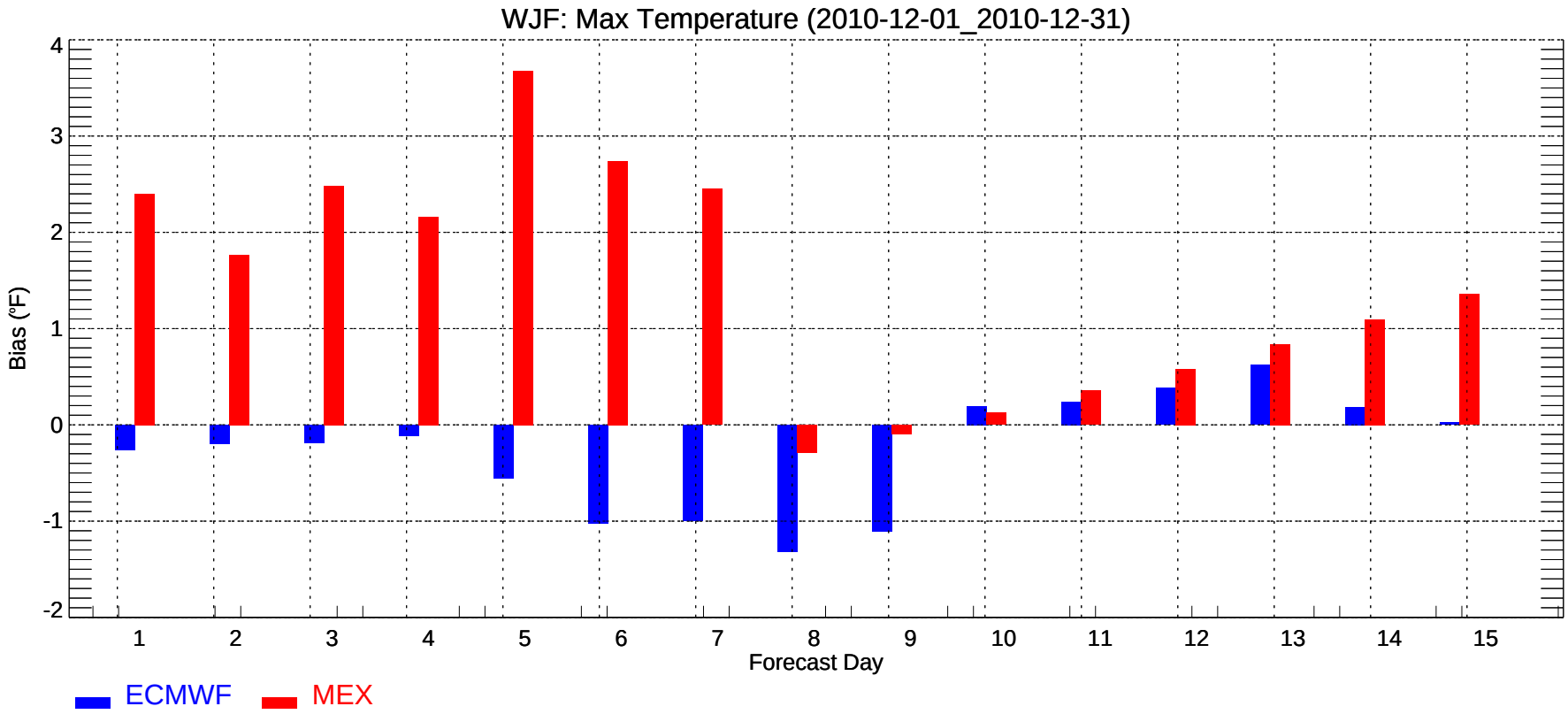

VCT: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

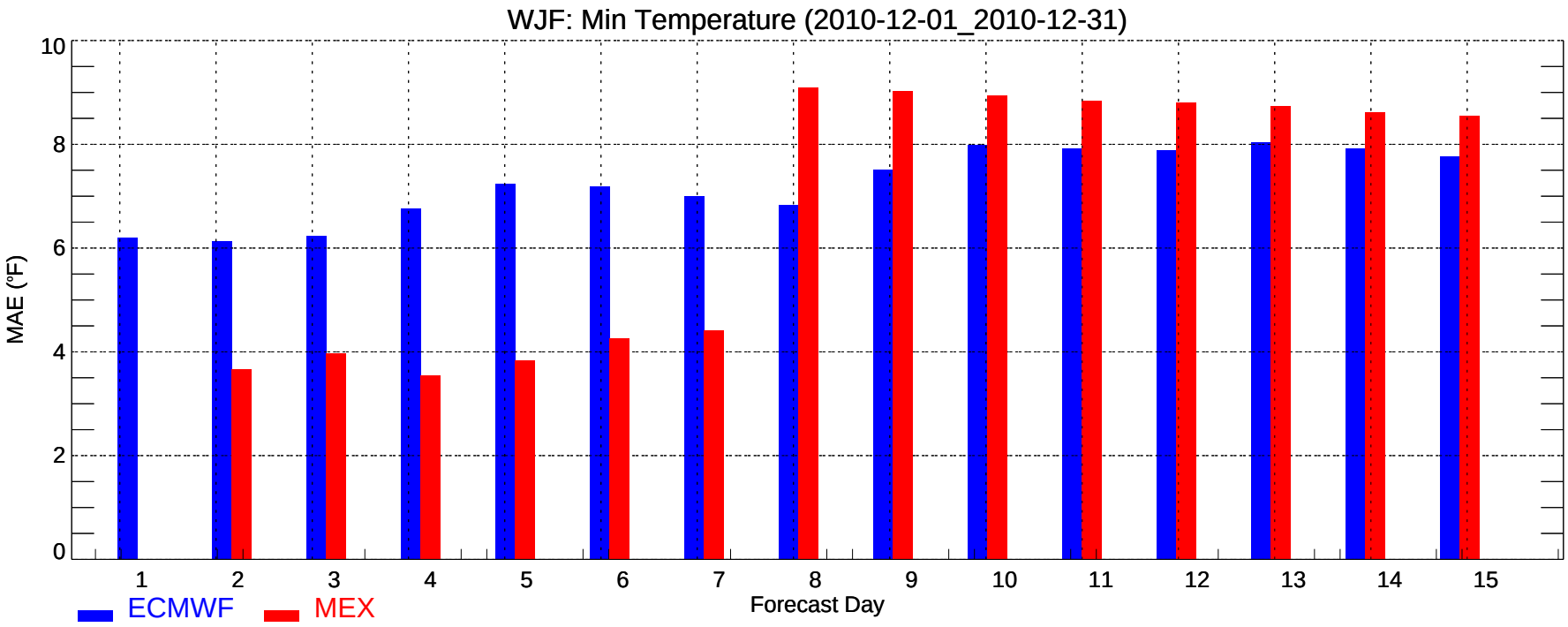

VCT: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

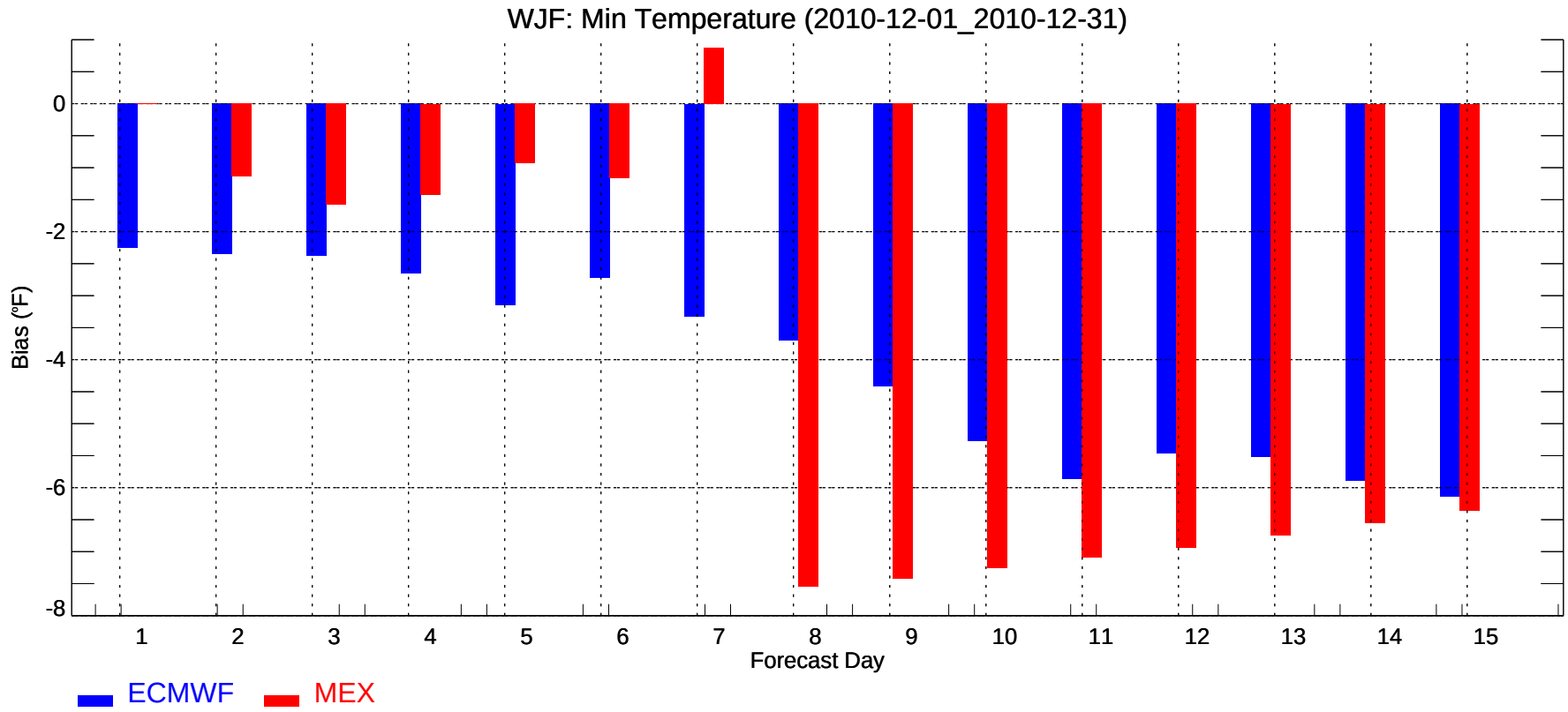

VCT: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

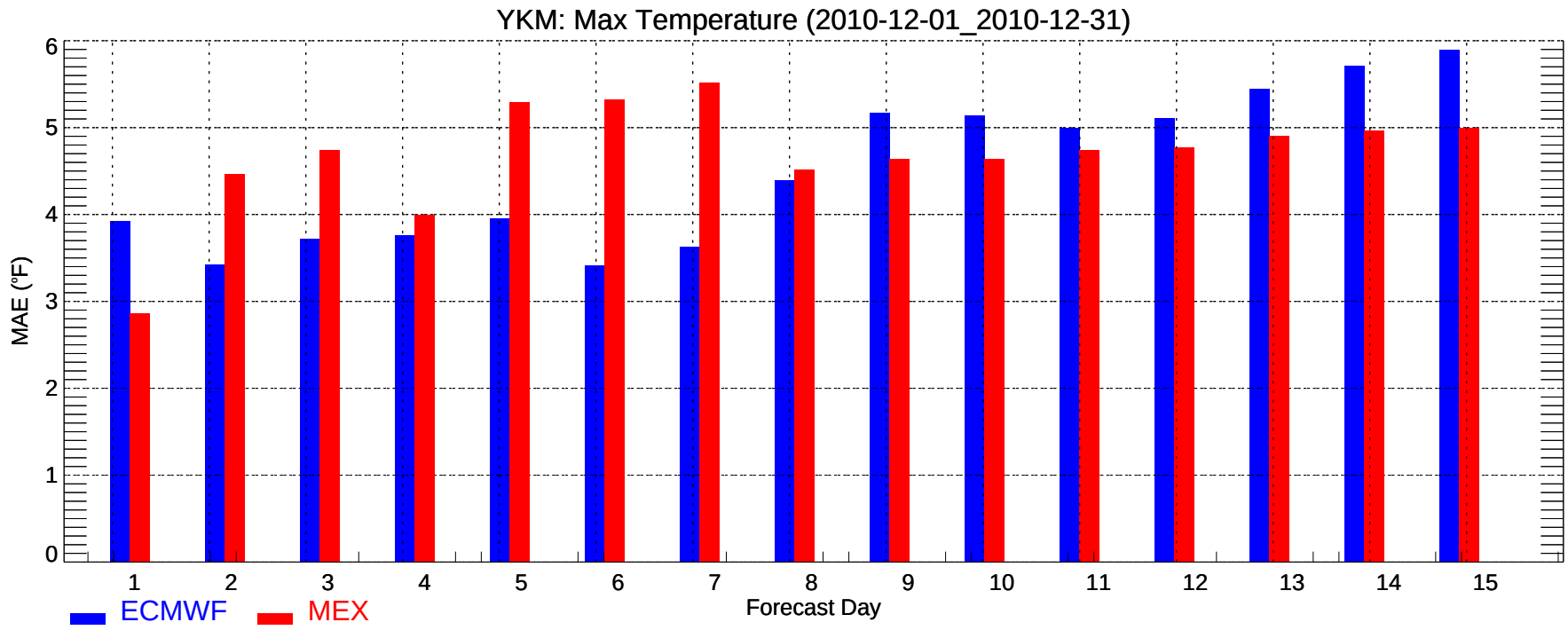

VCT: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

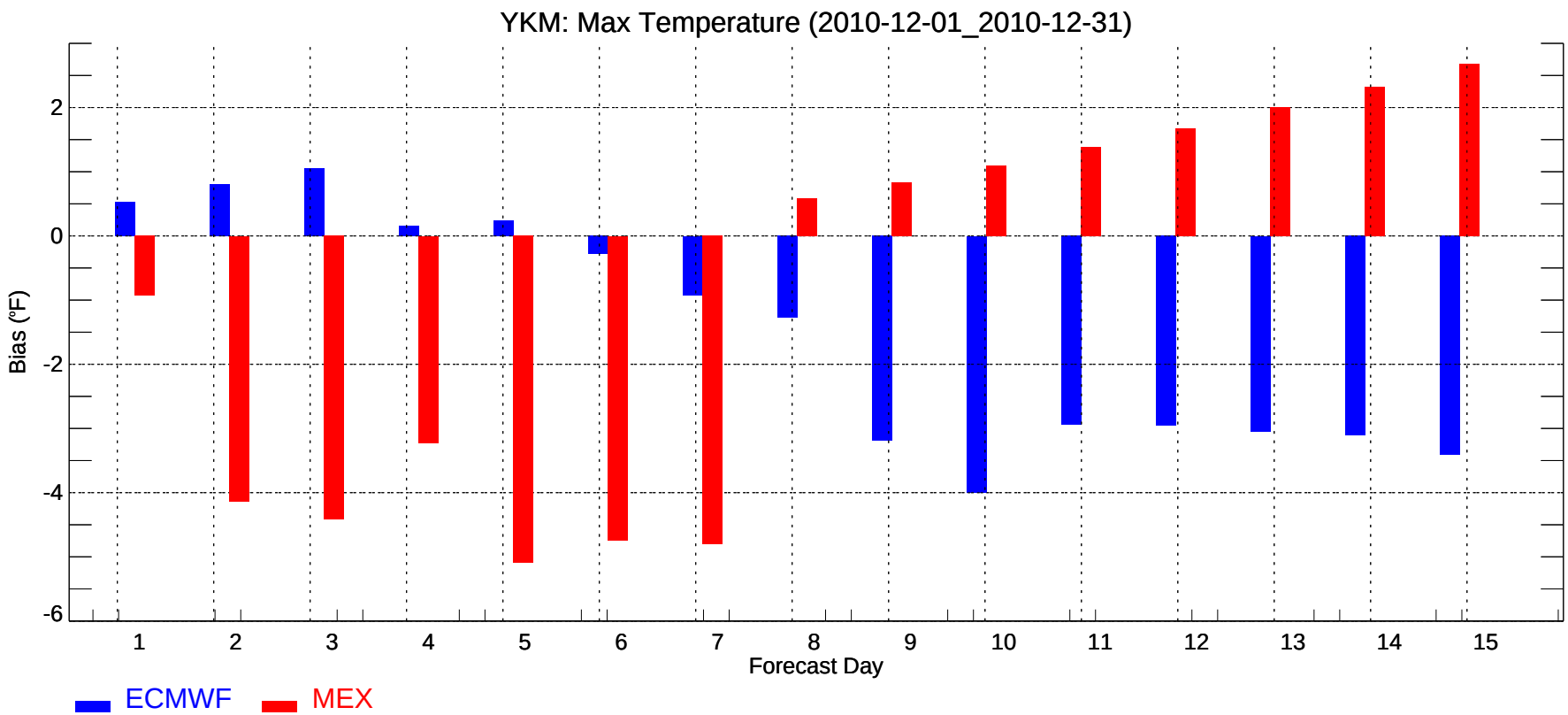

WJF: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

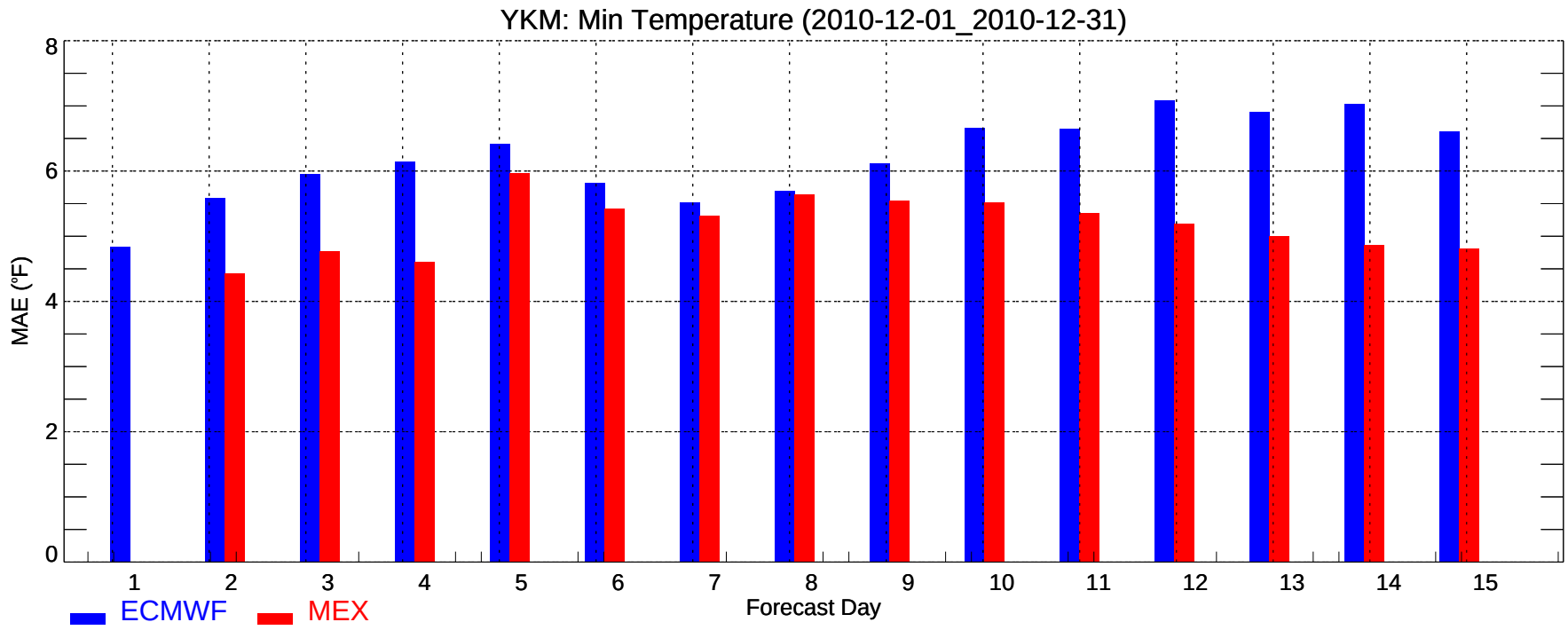

WJF: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

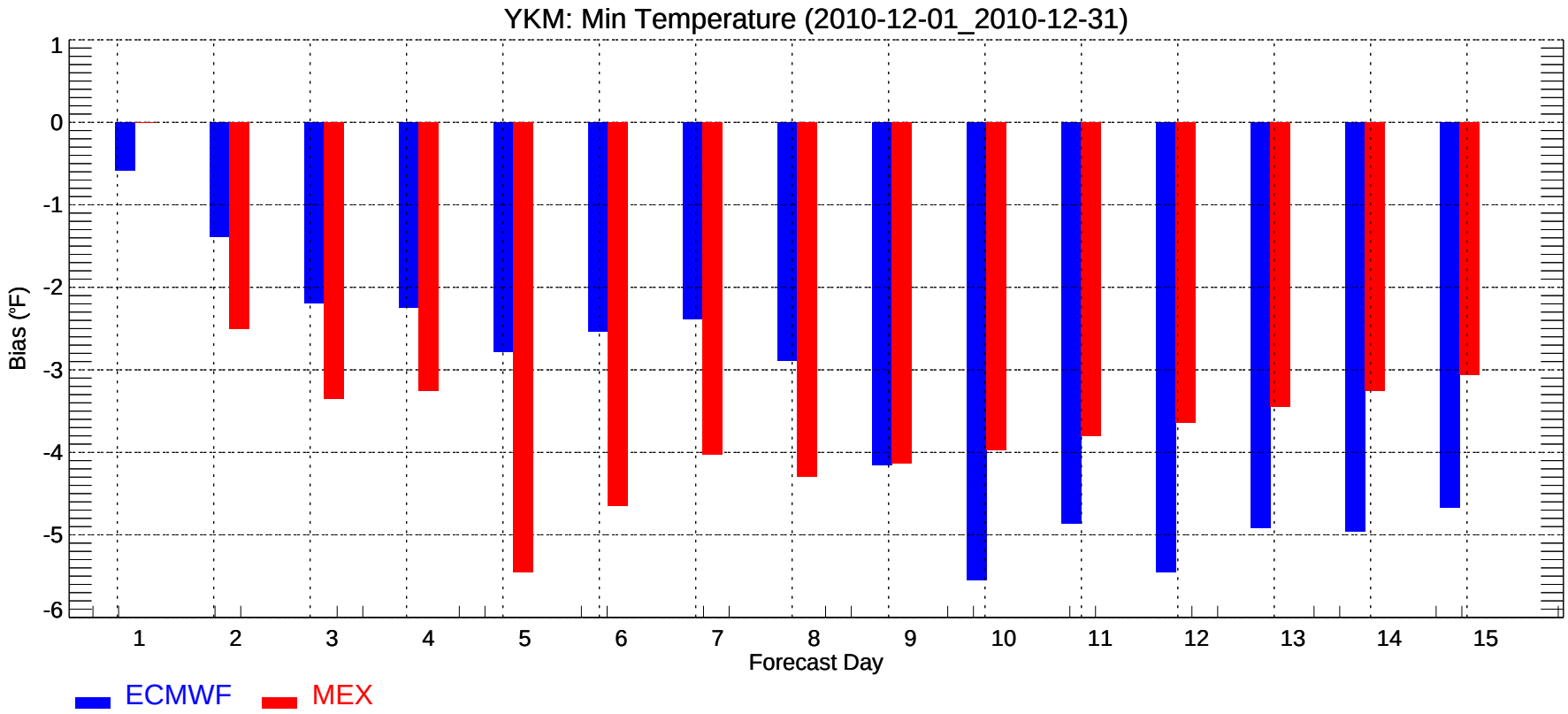

WJF: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

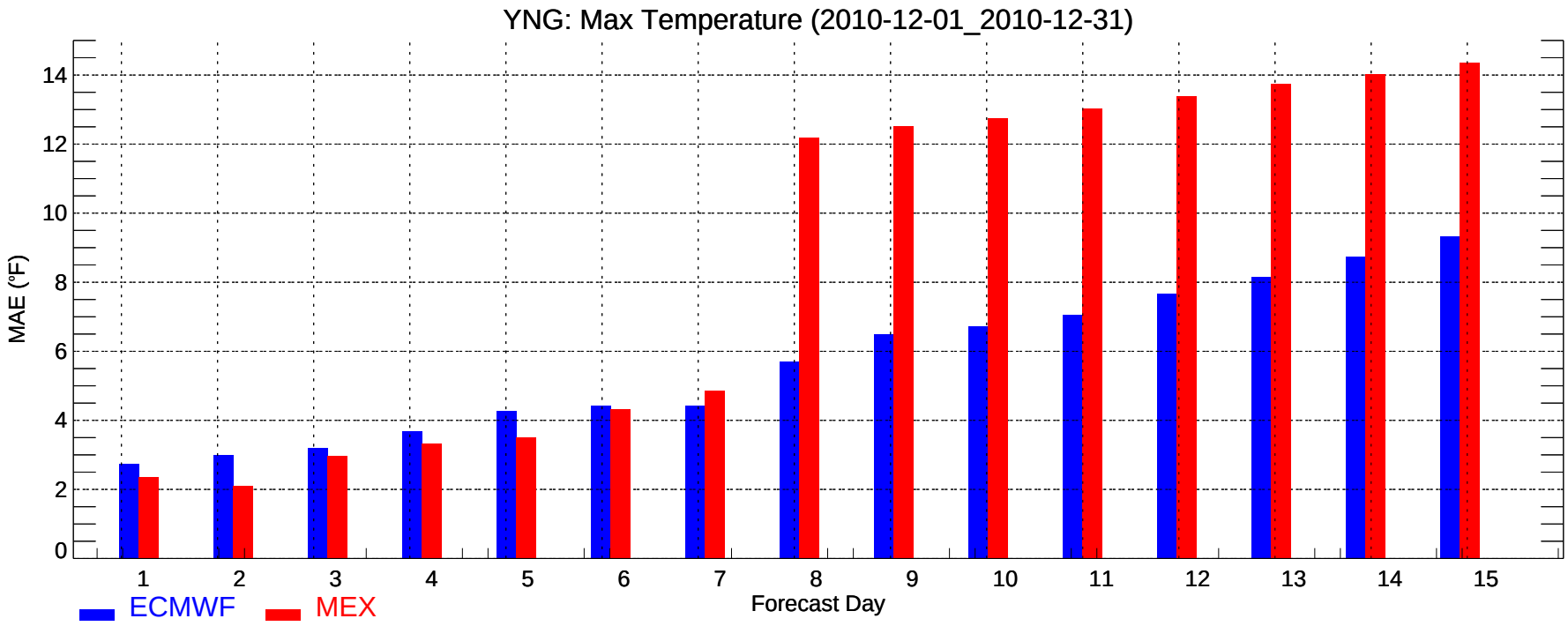

WJF: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

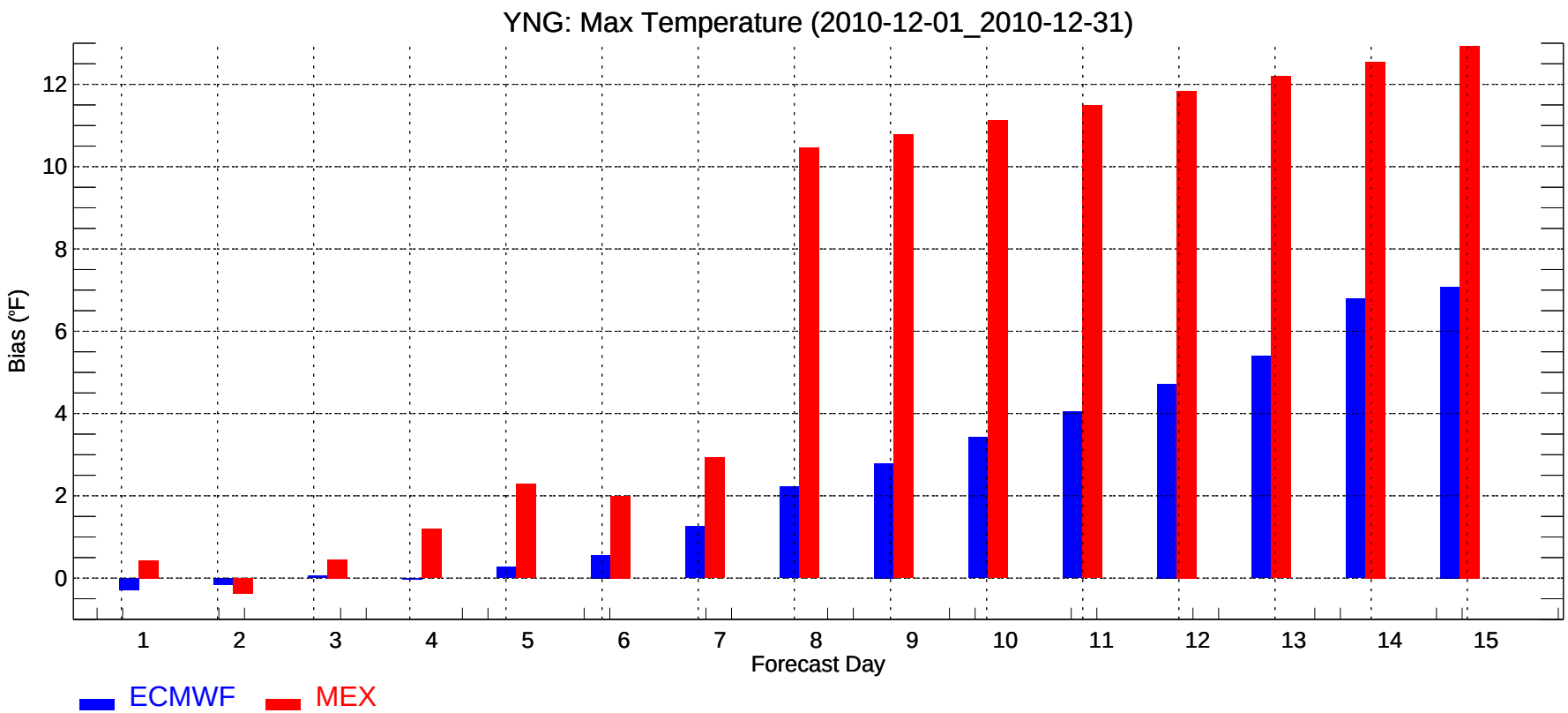

YKM: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

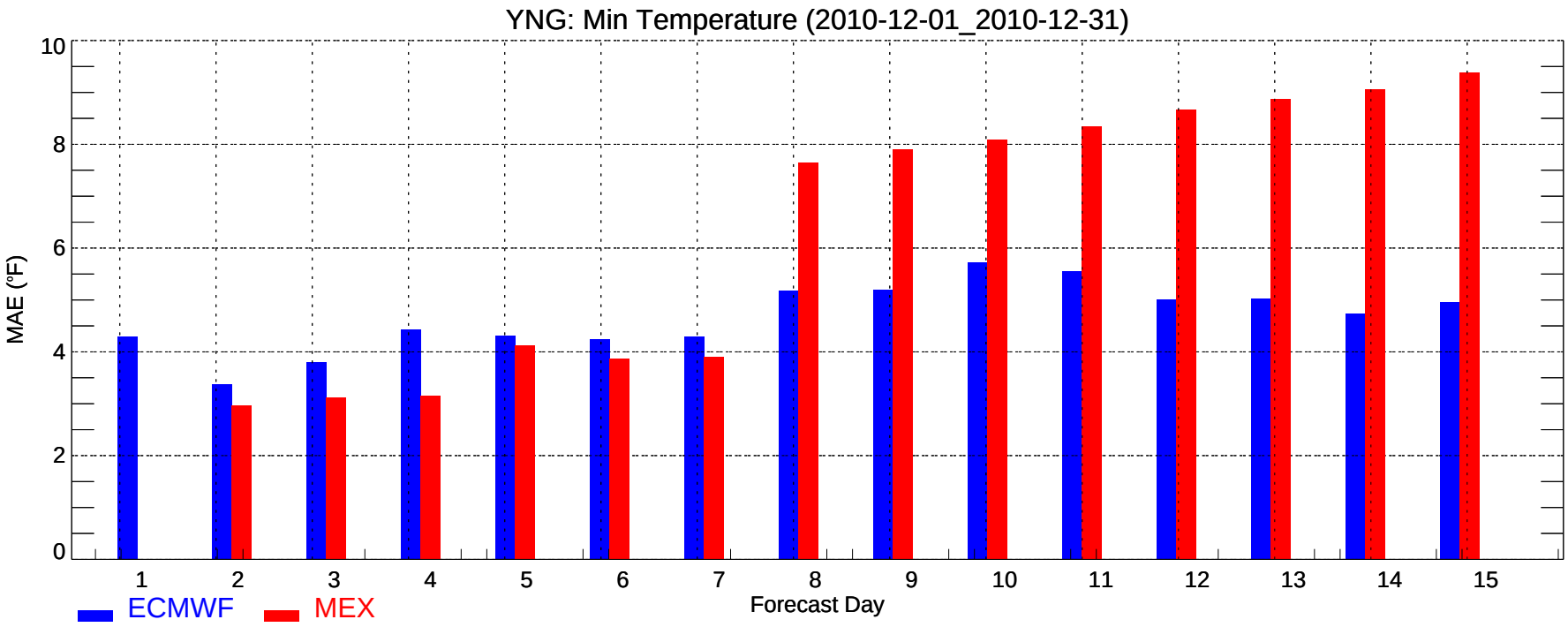

YKM: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

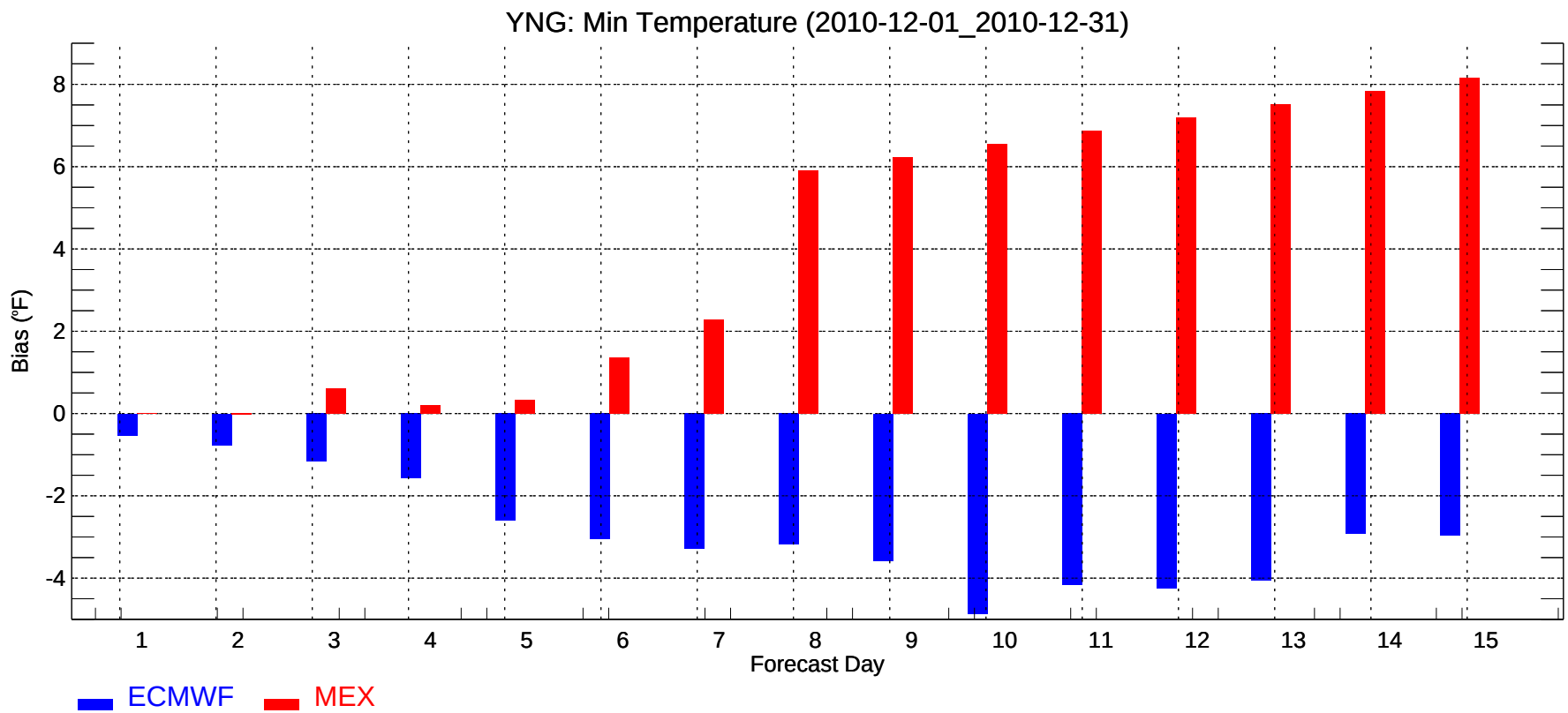

YKM: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

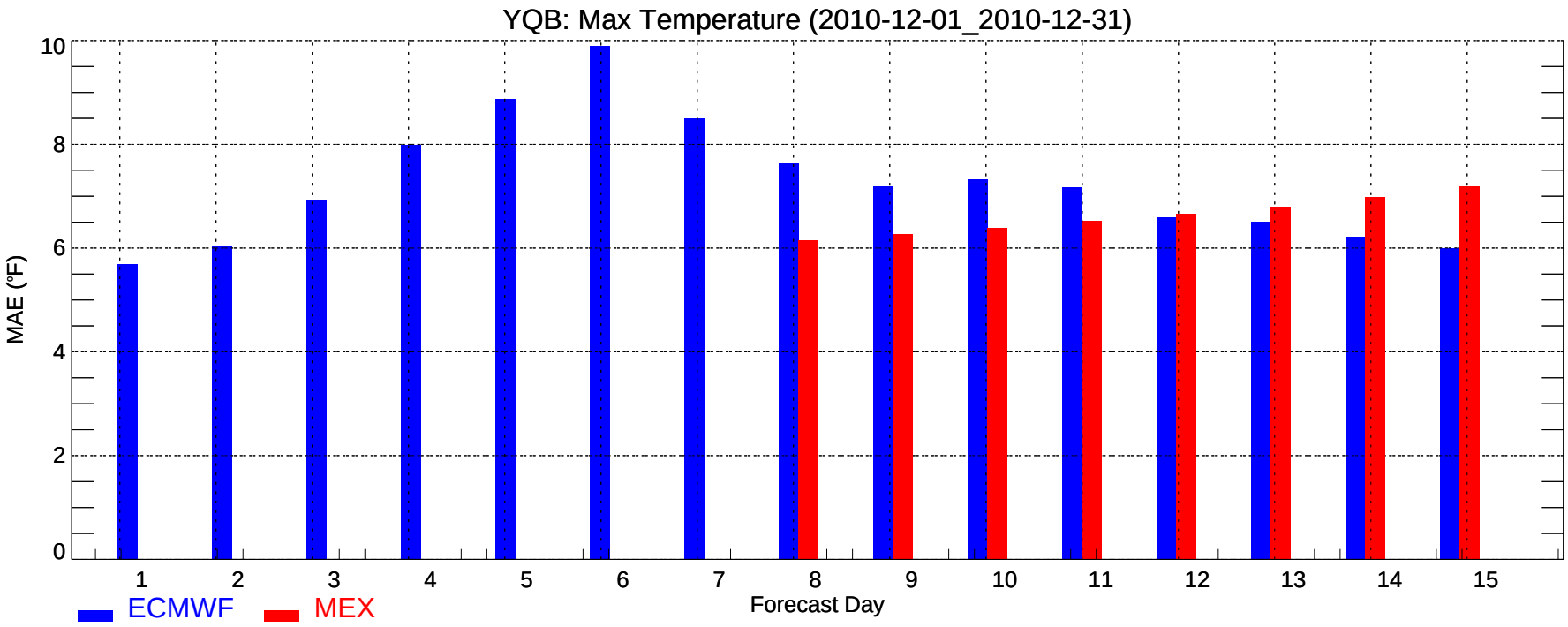

YKM: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

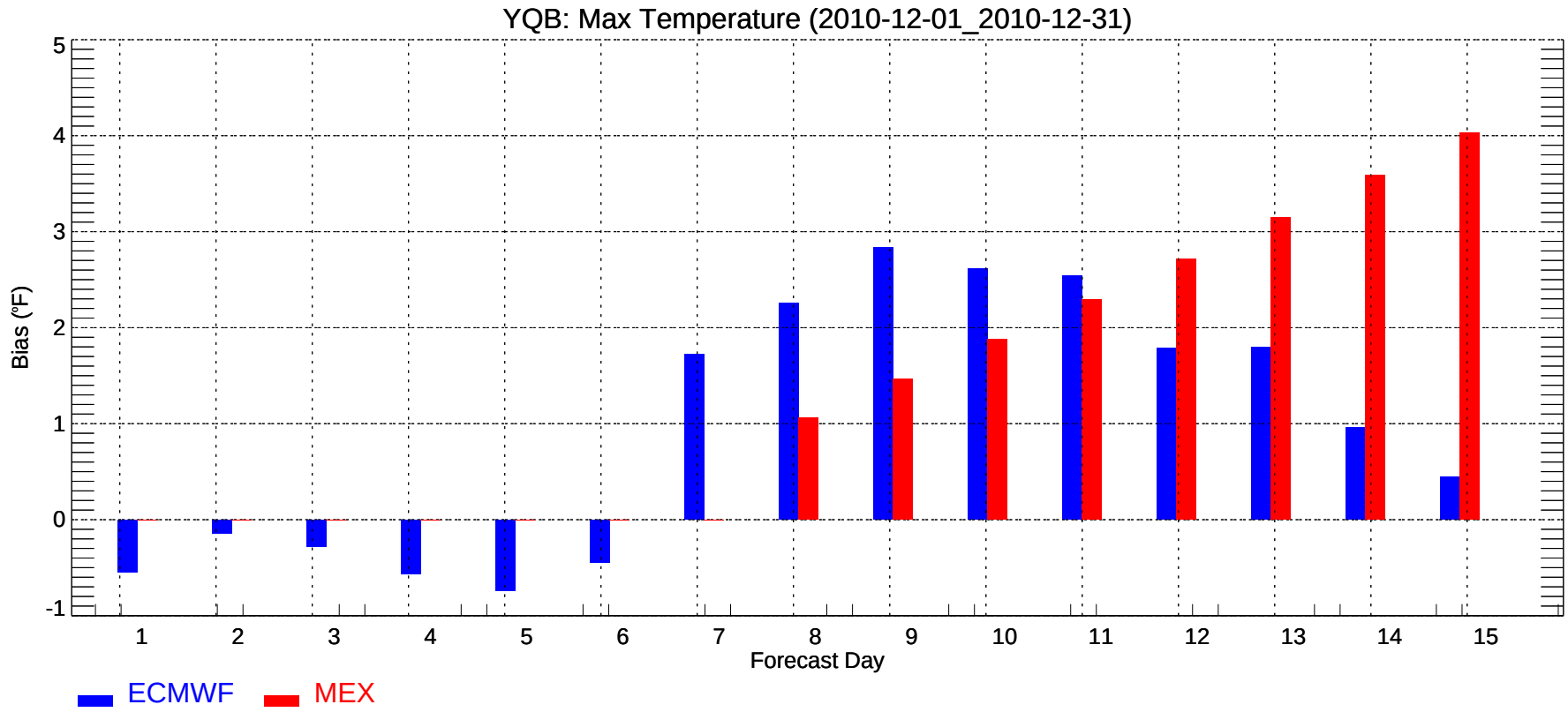

YNG: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

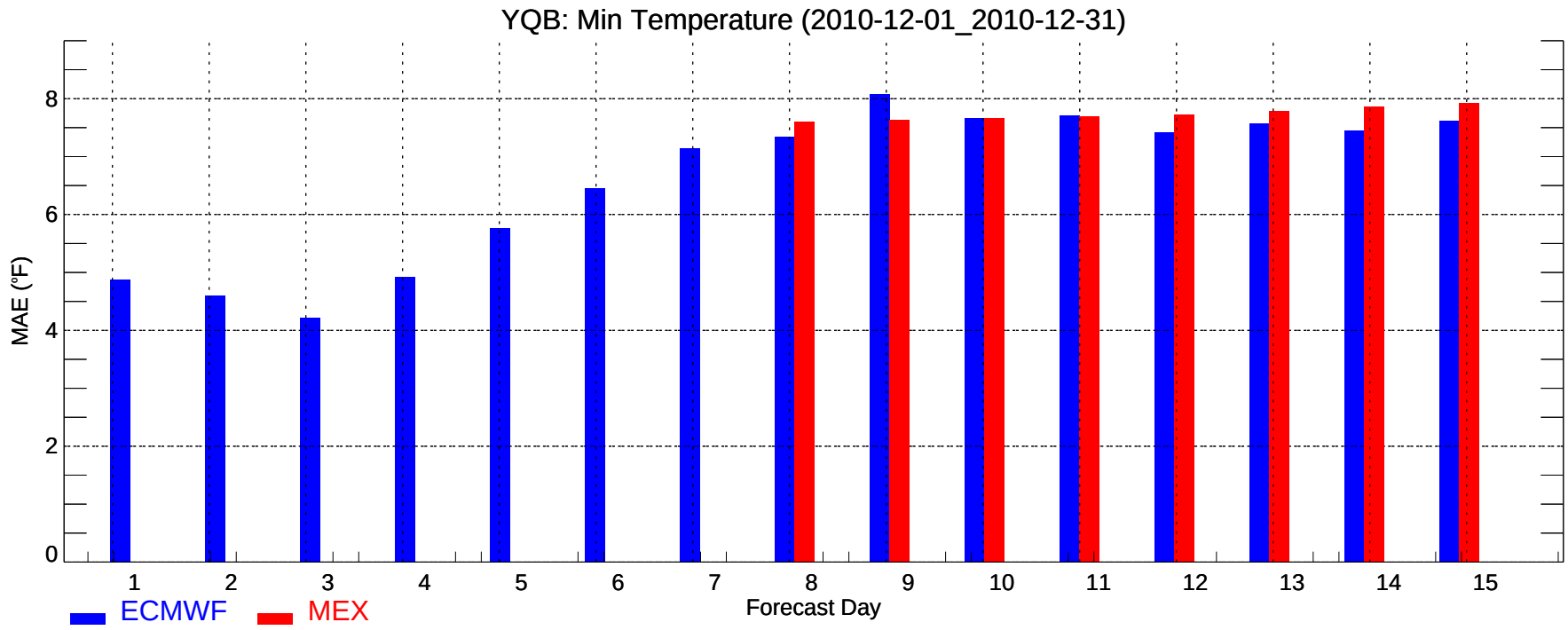

YNG: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

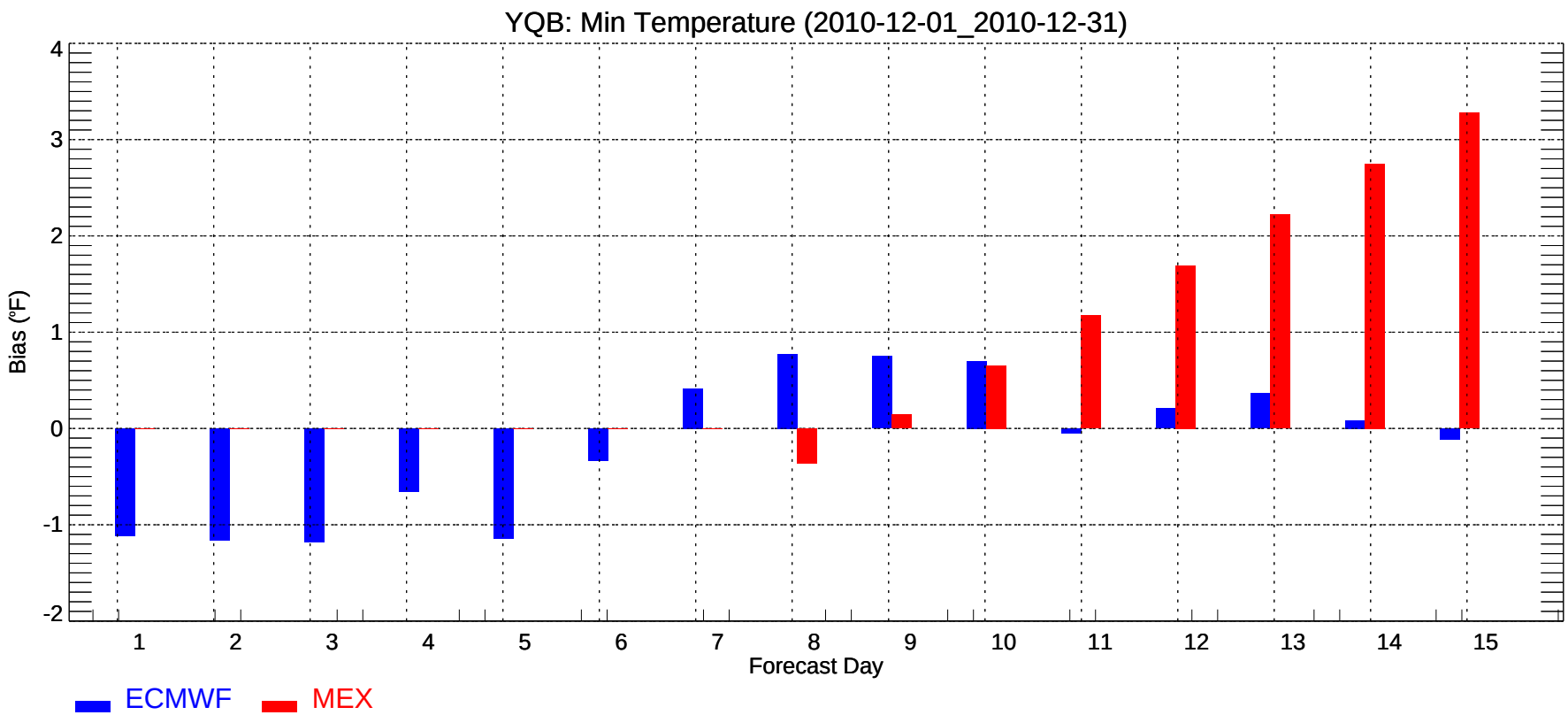

YNG: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

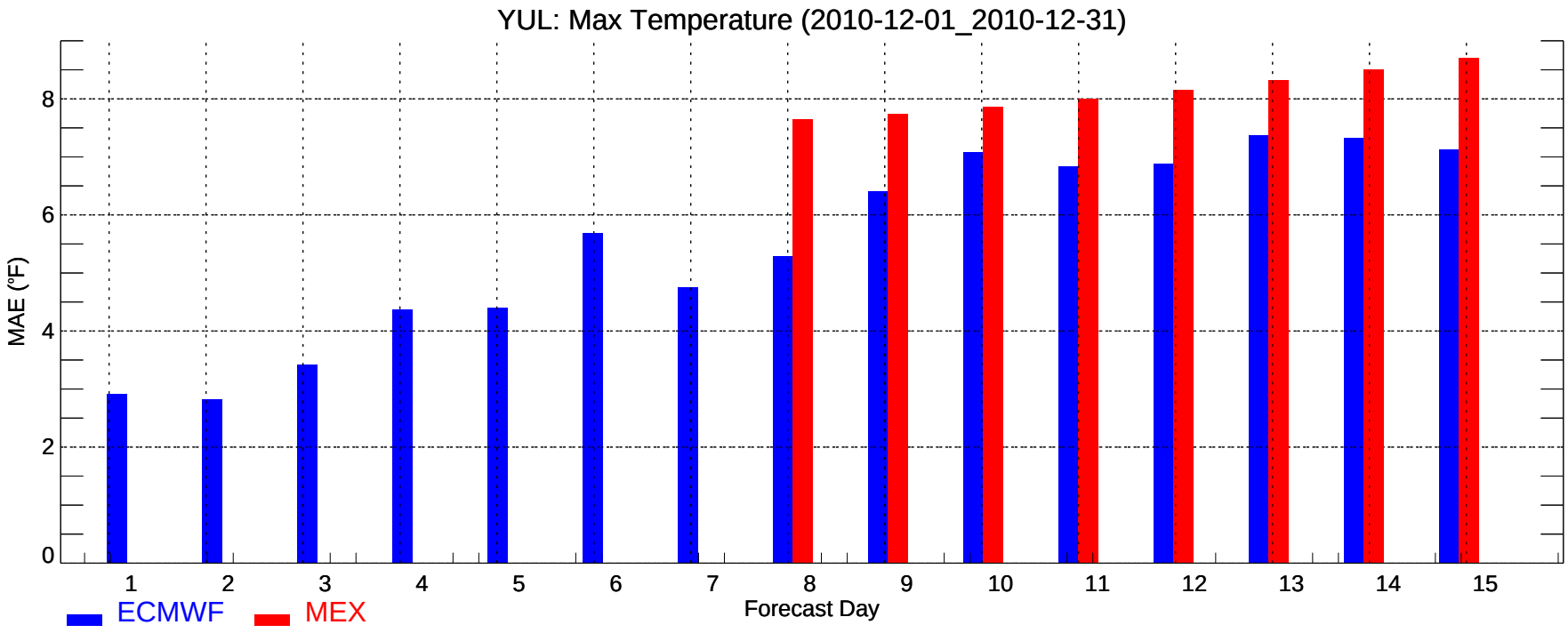

YNG: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

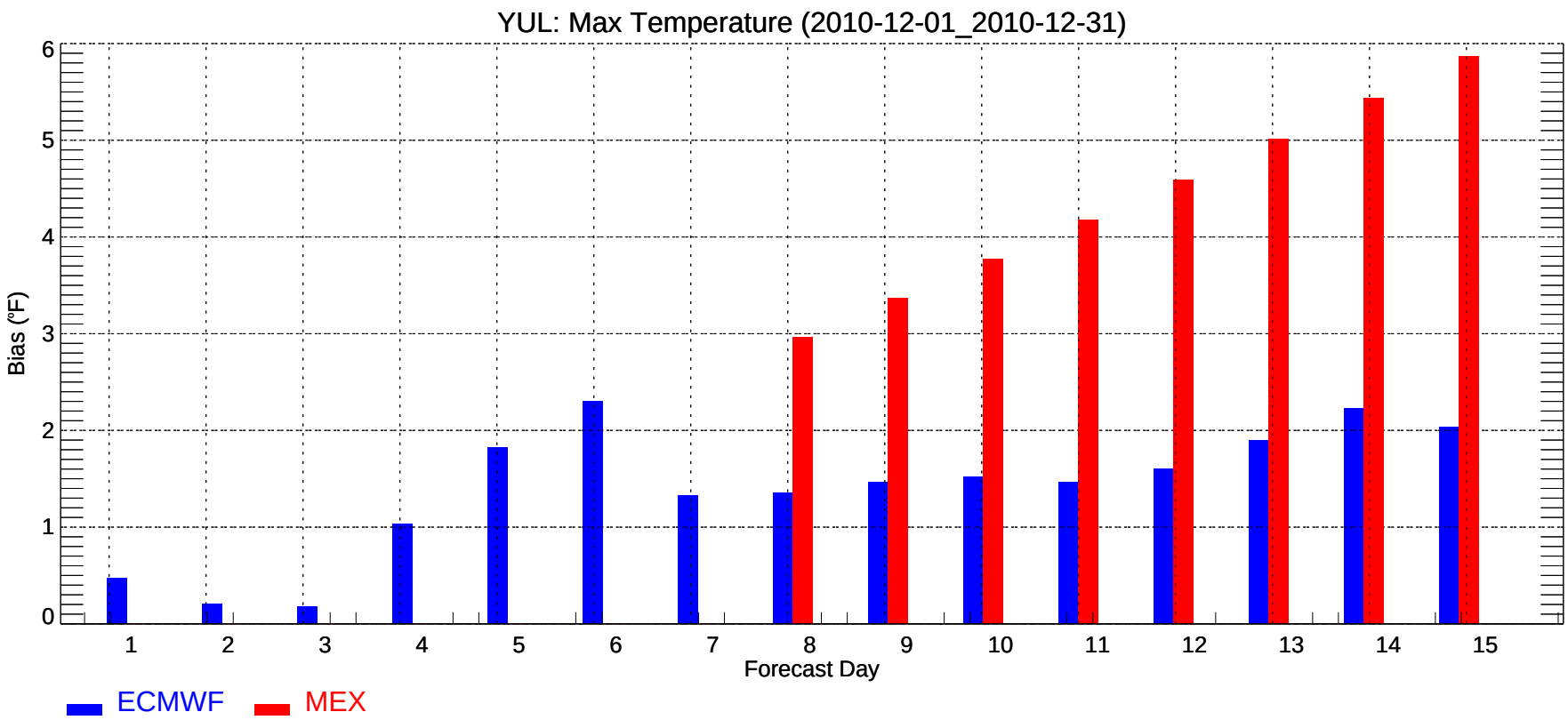

YQB: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

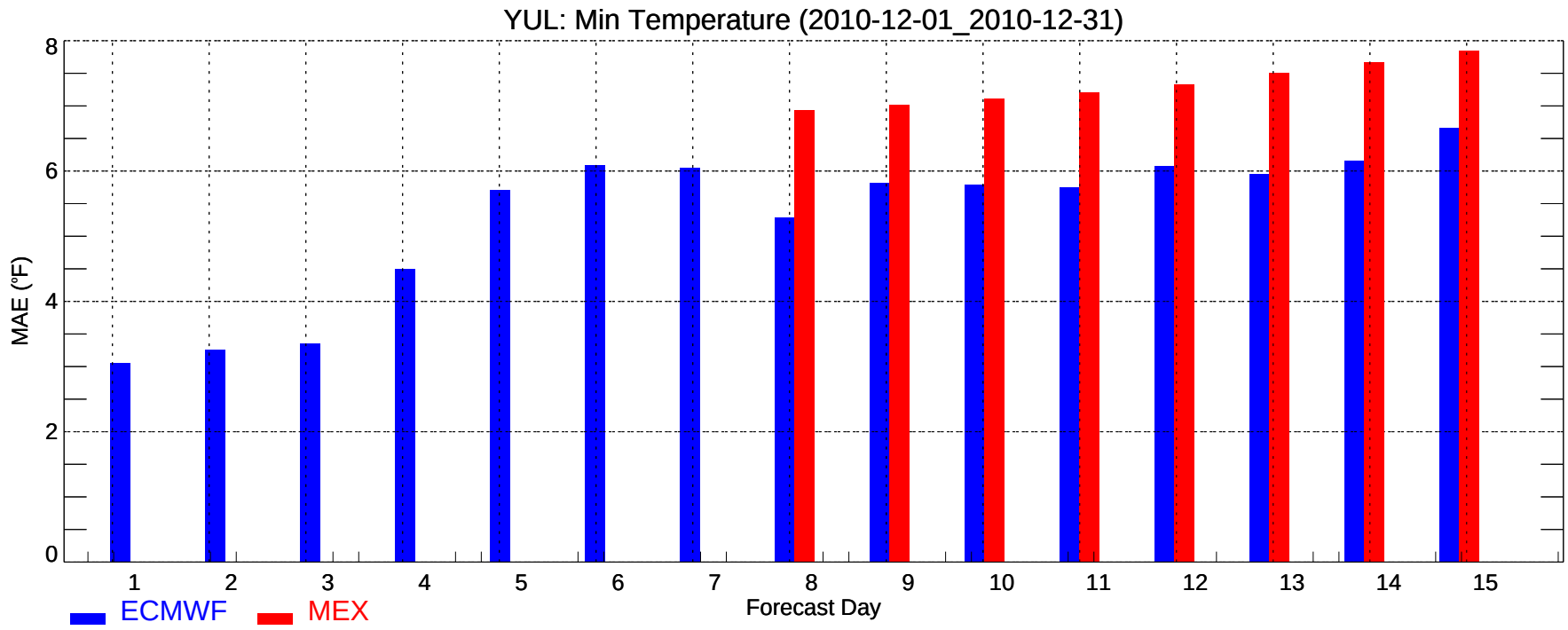

YQB: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

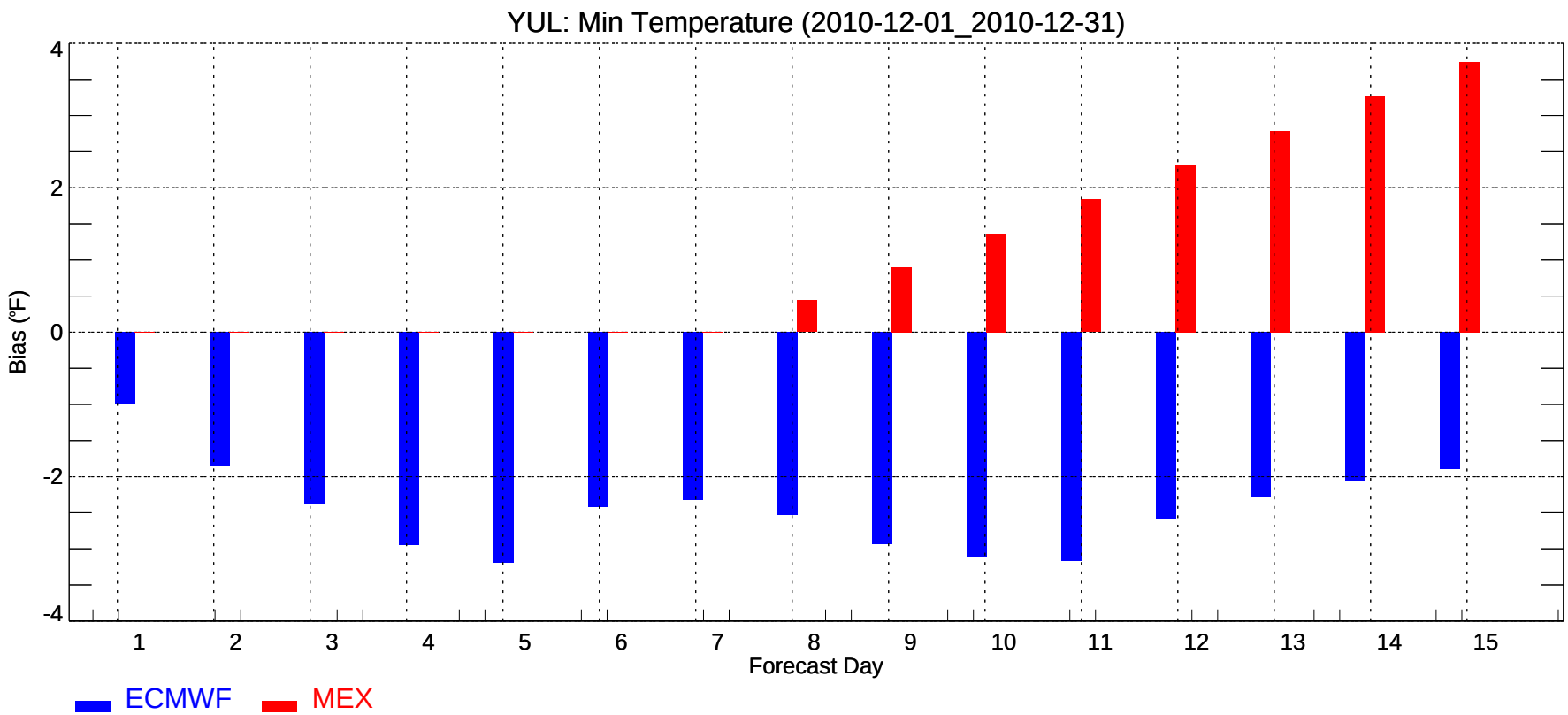

YQB: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

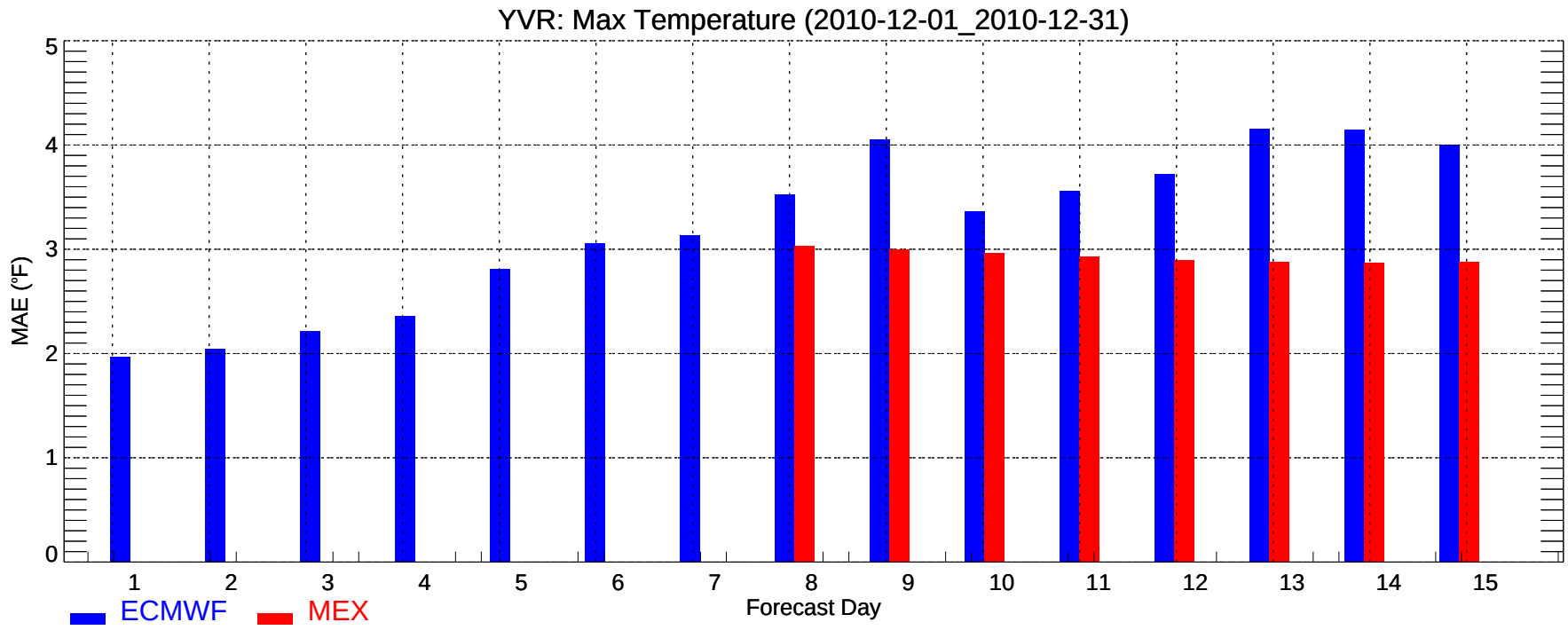

YQB: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

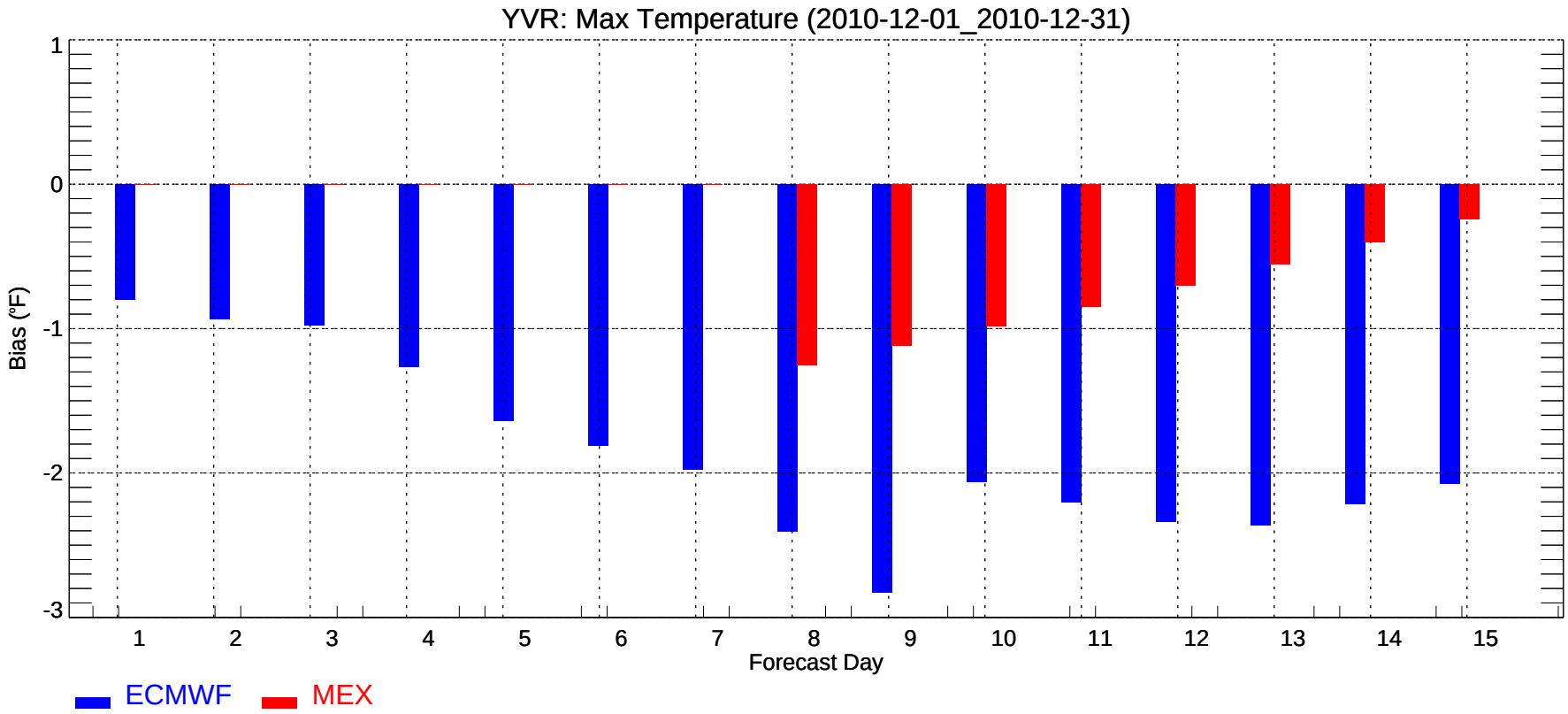

YUL: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

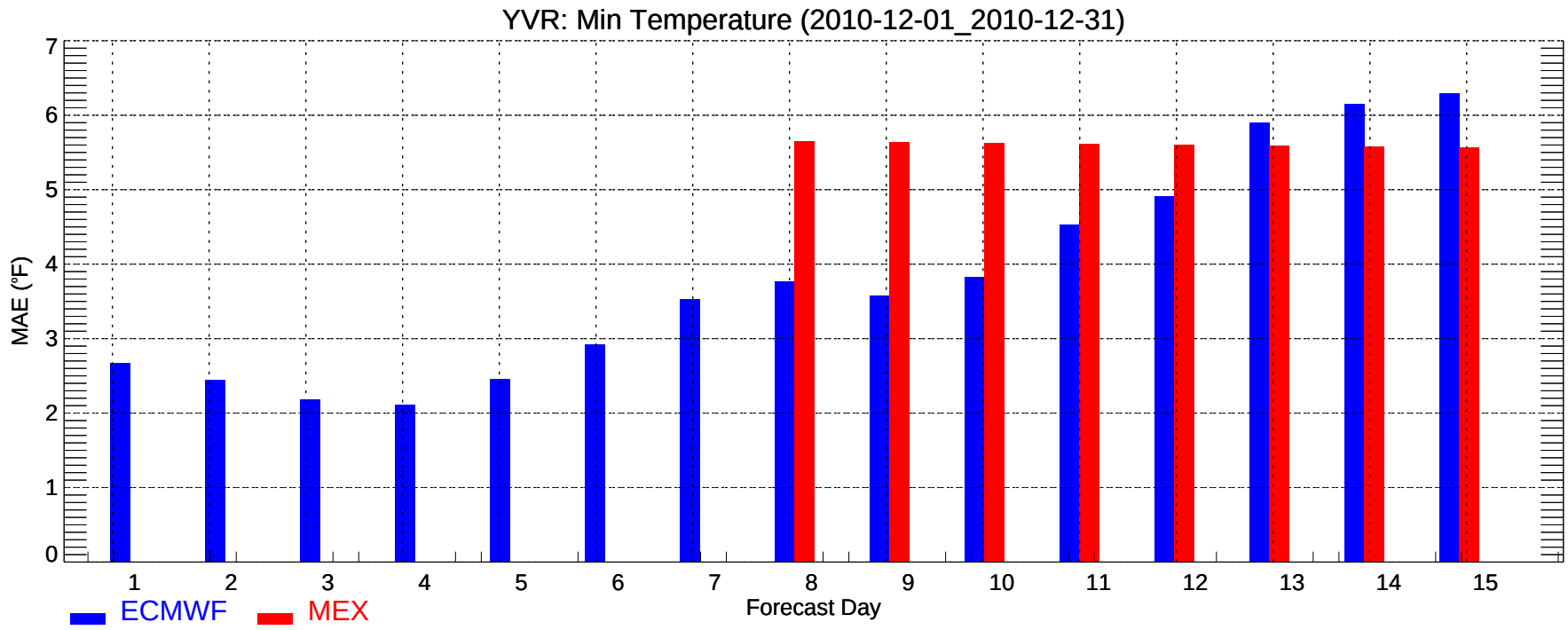

YUL: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

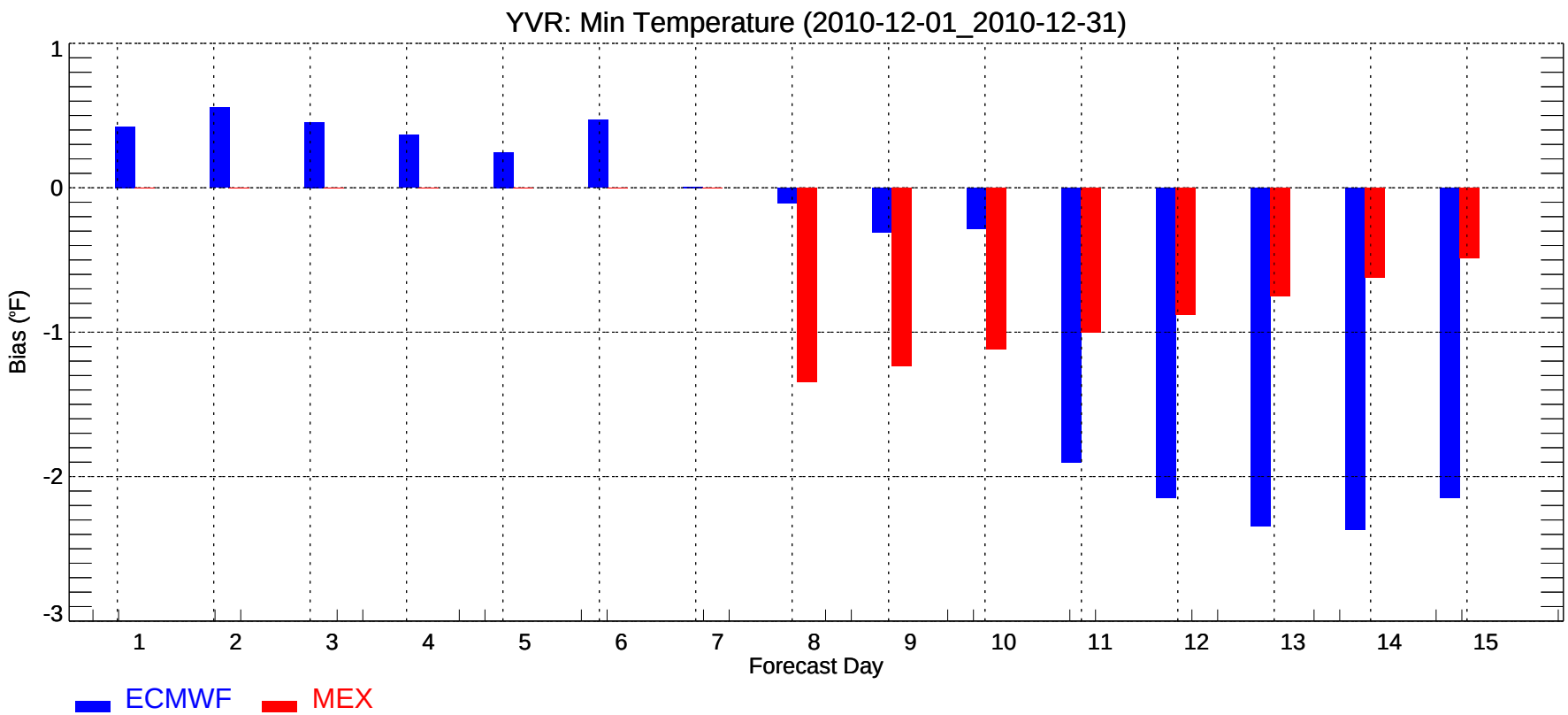

YUL: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

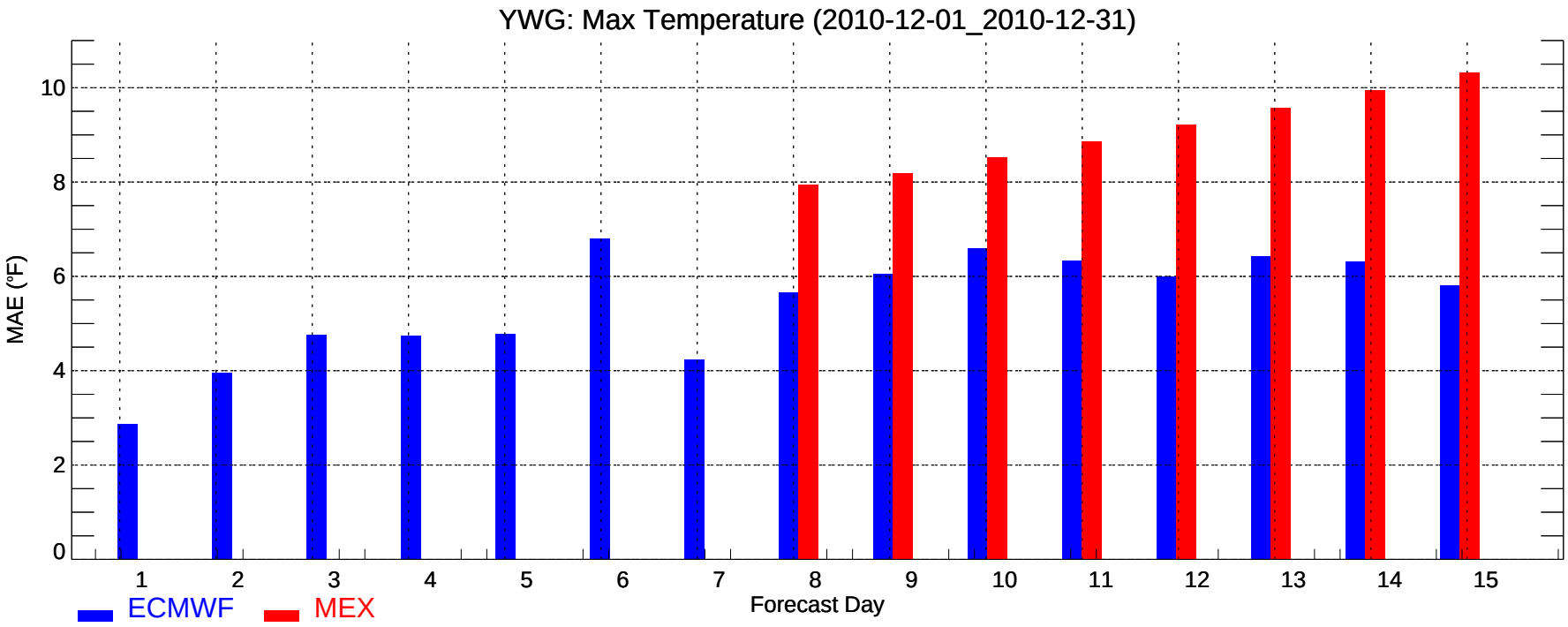

YUL: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

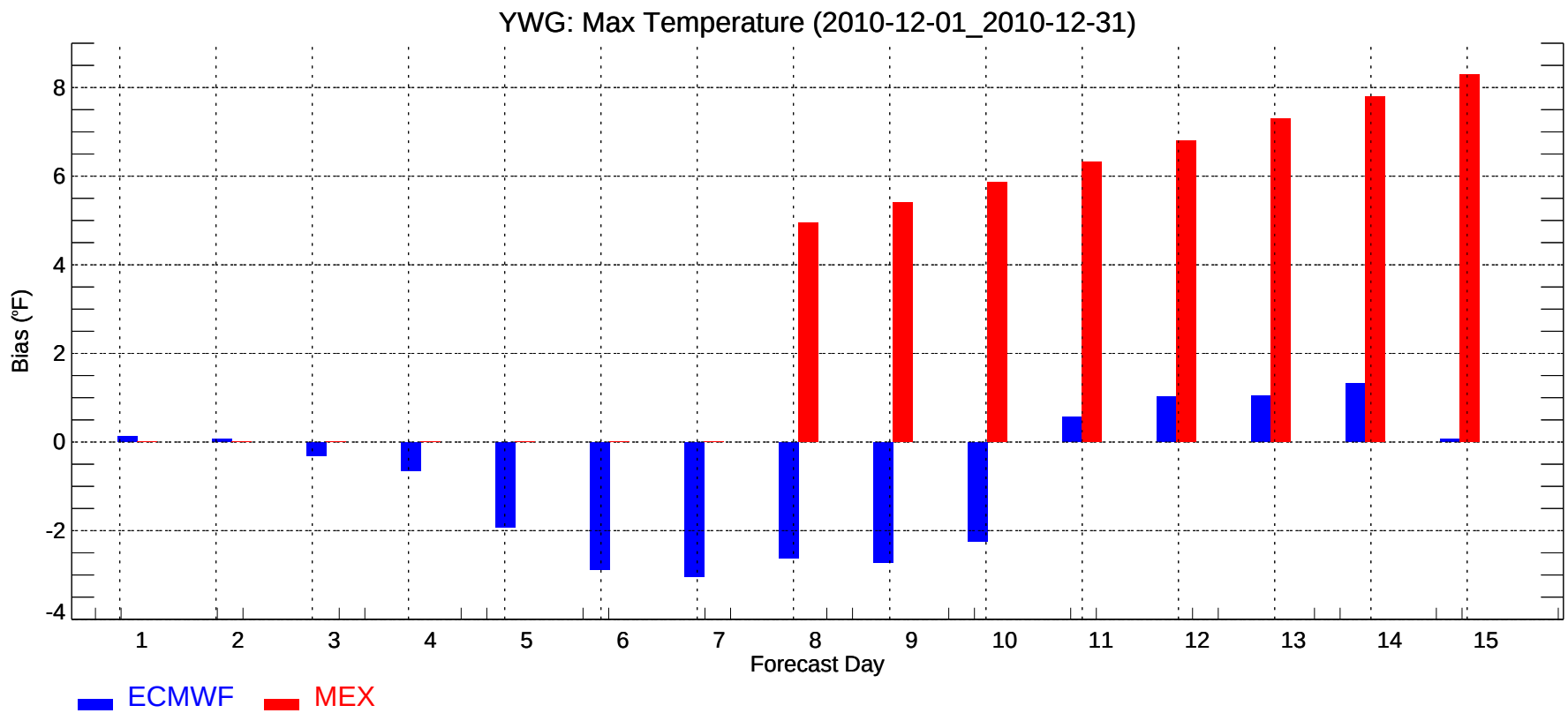

YVR: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

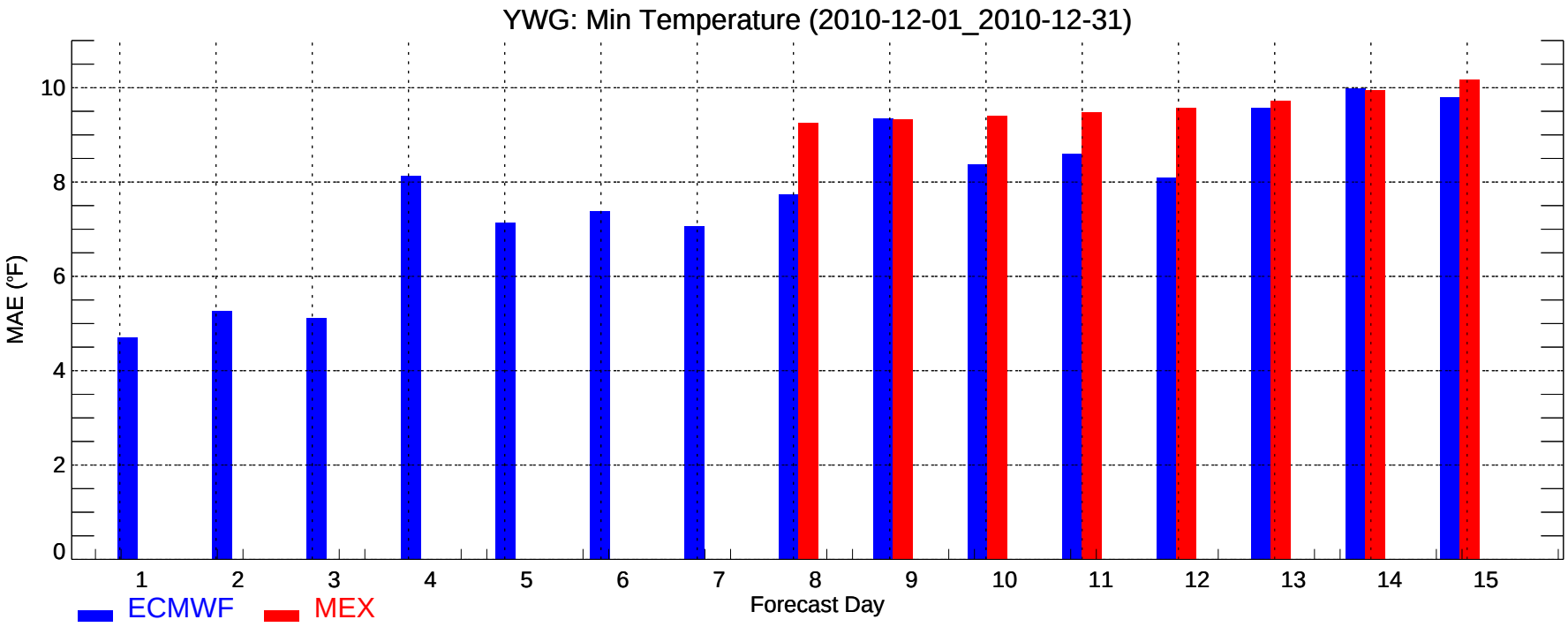

YVR: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

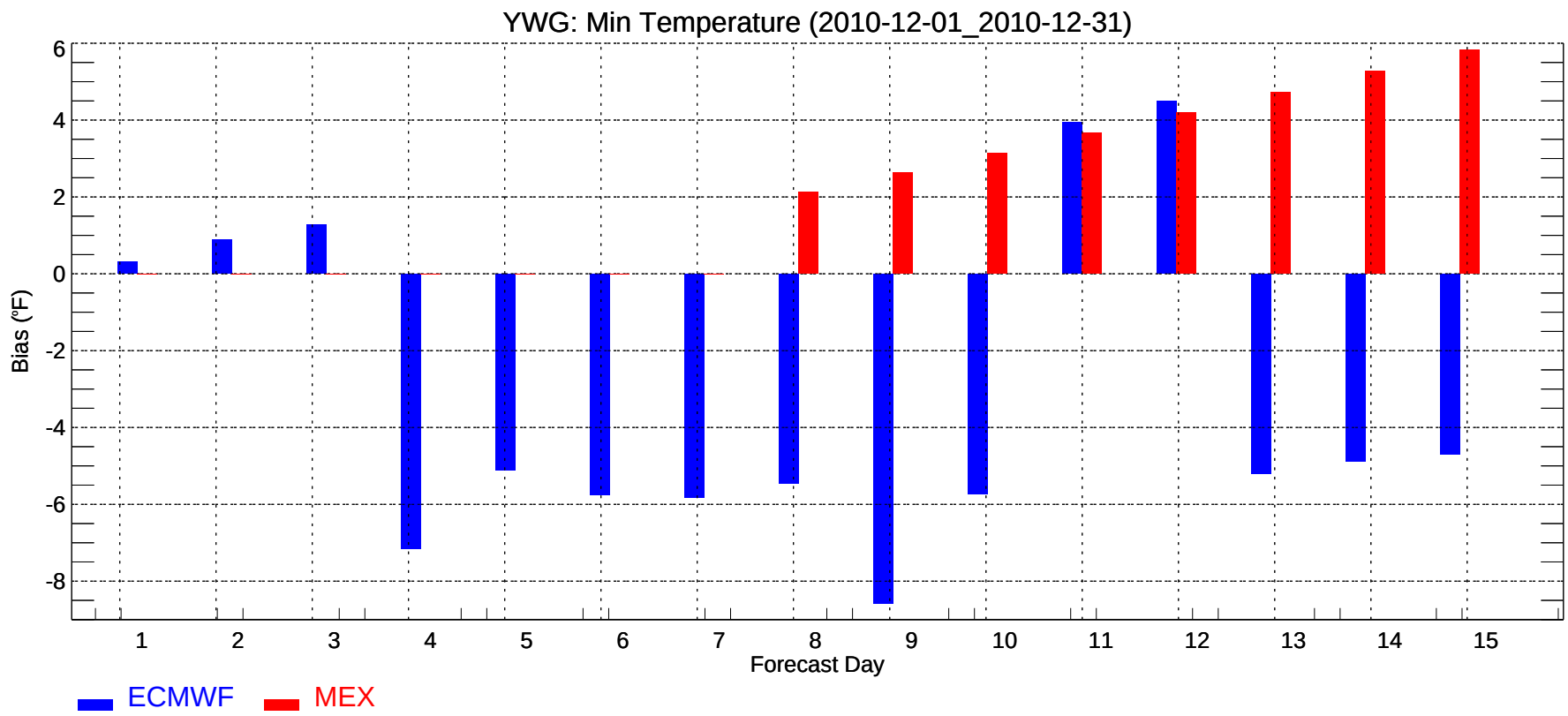

YVR: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

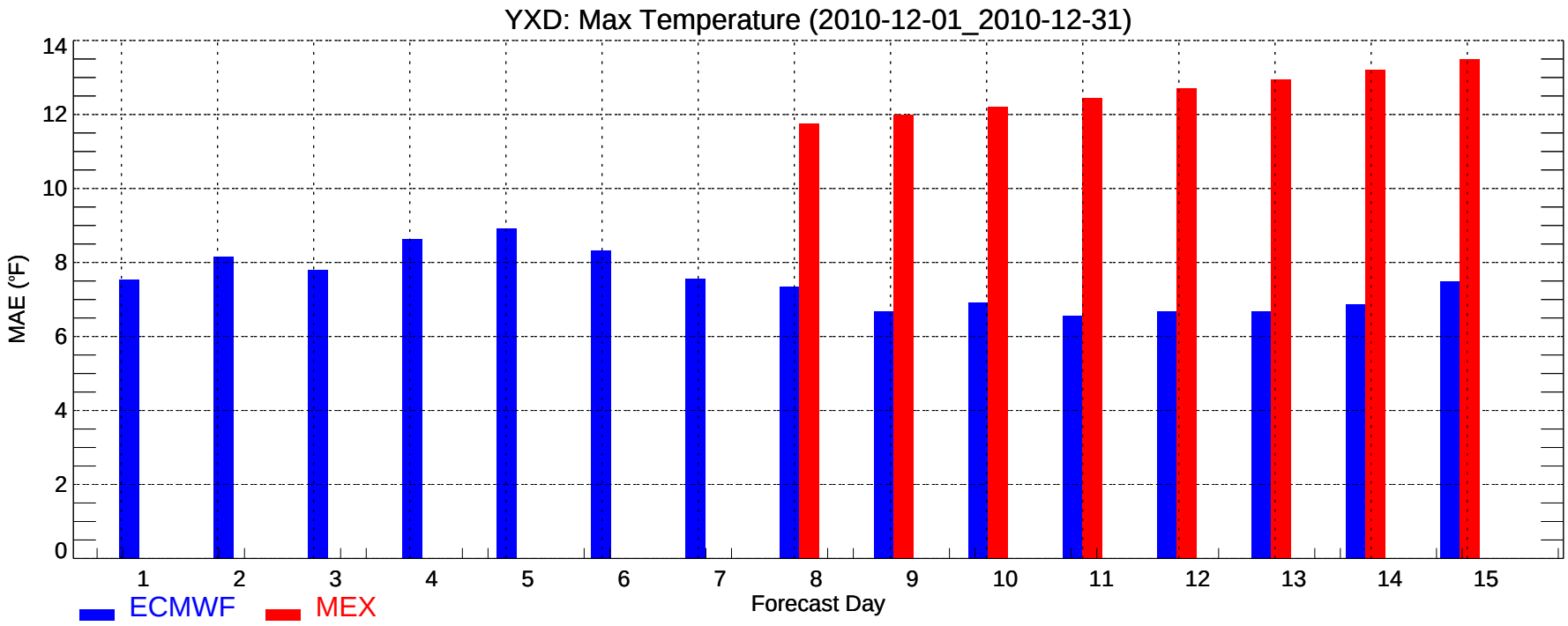

YVR: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

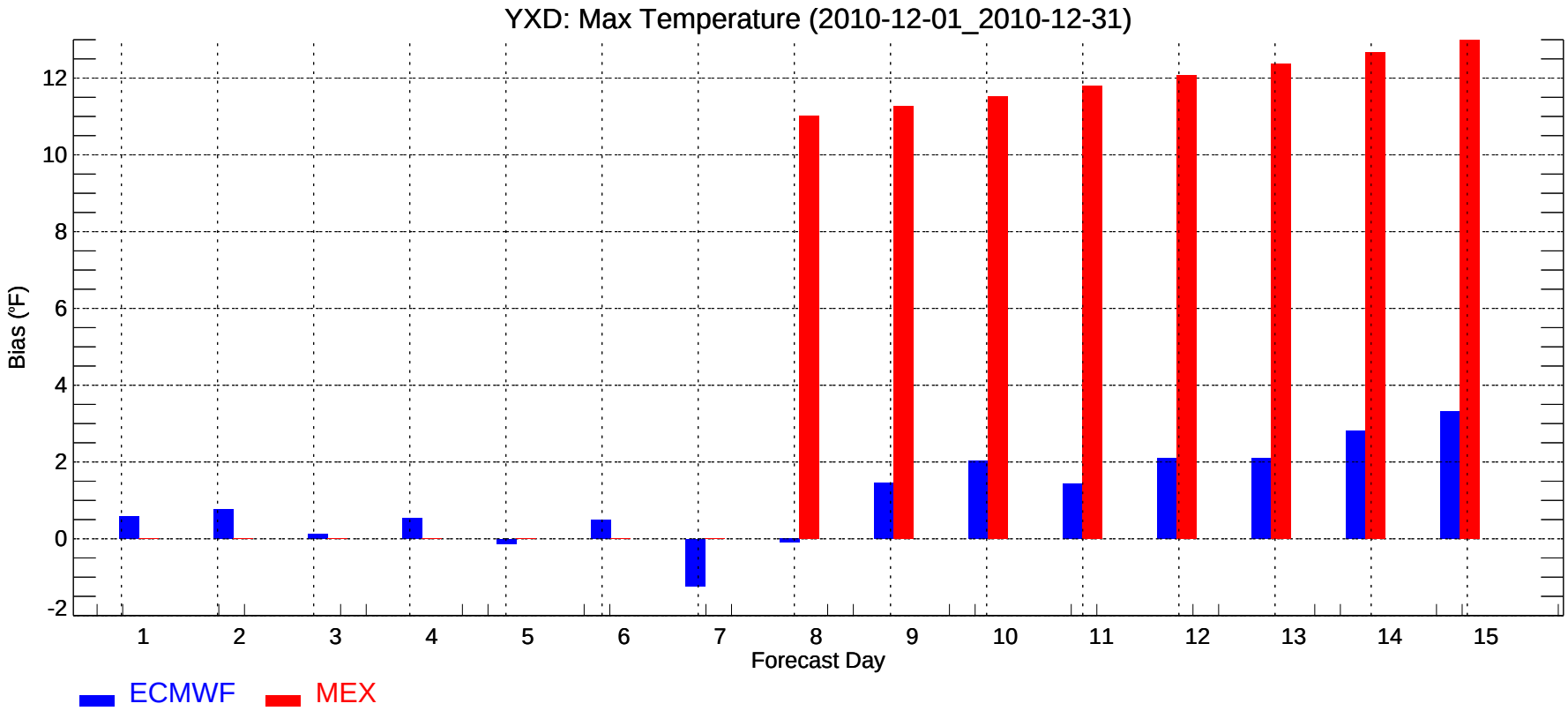

YWG: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

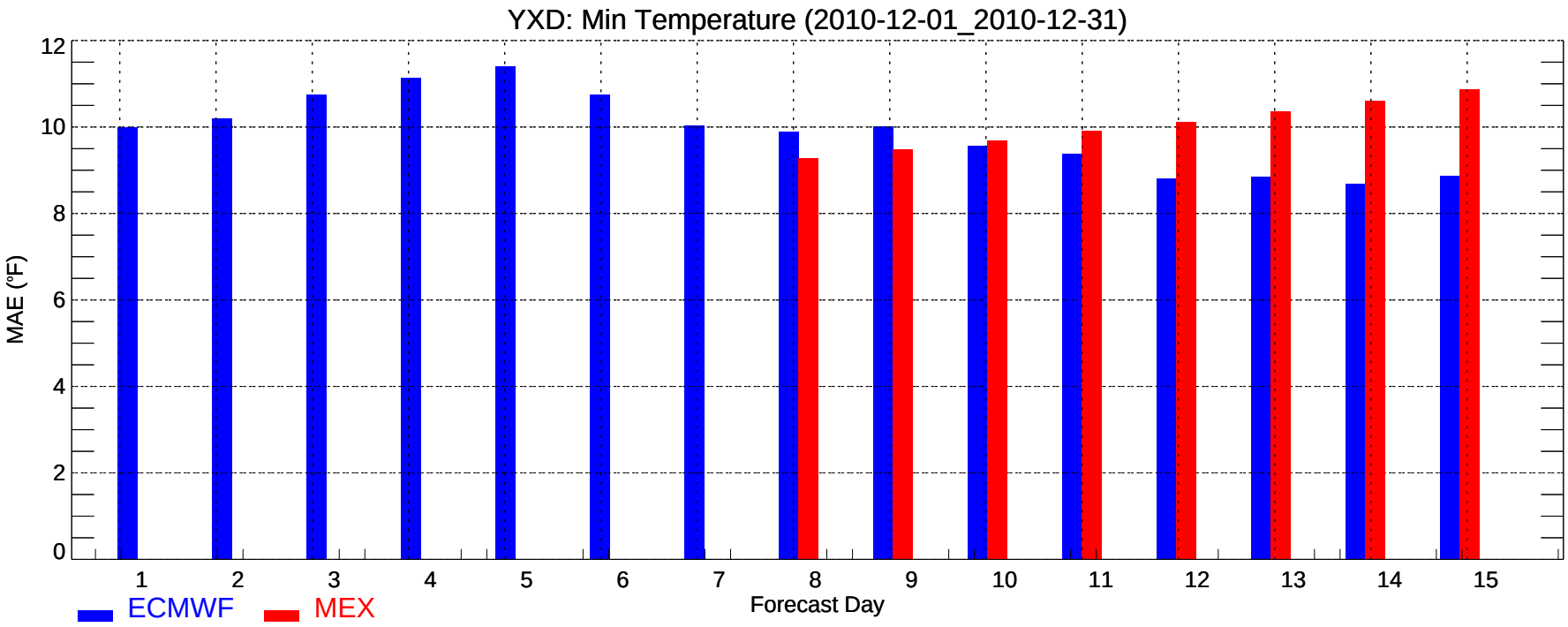

YWG: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

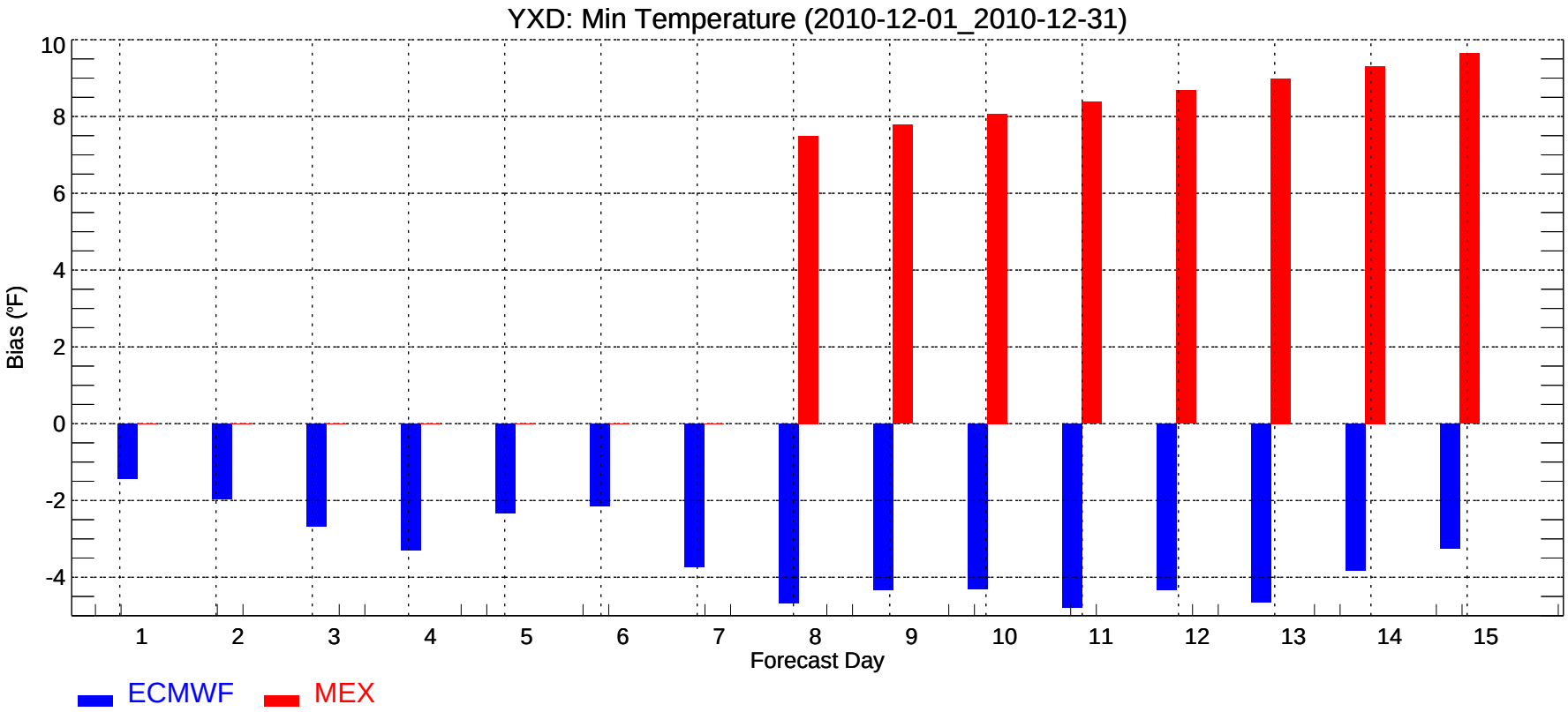

YWG: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

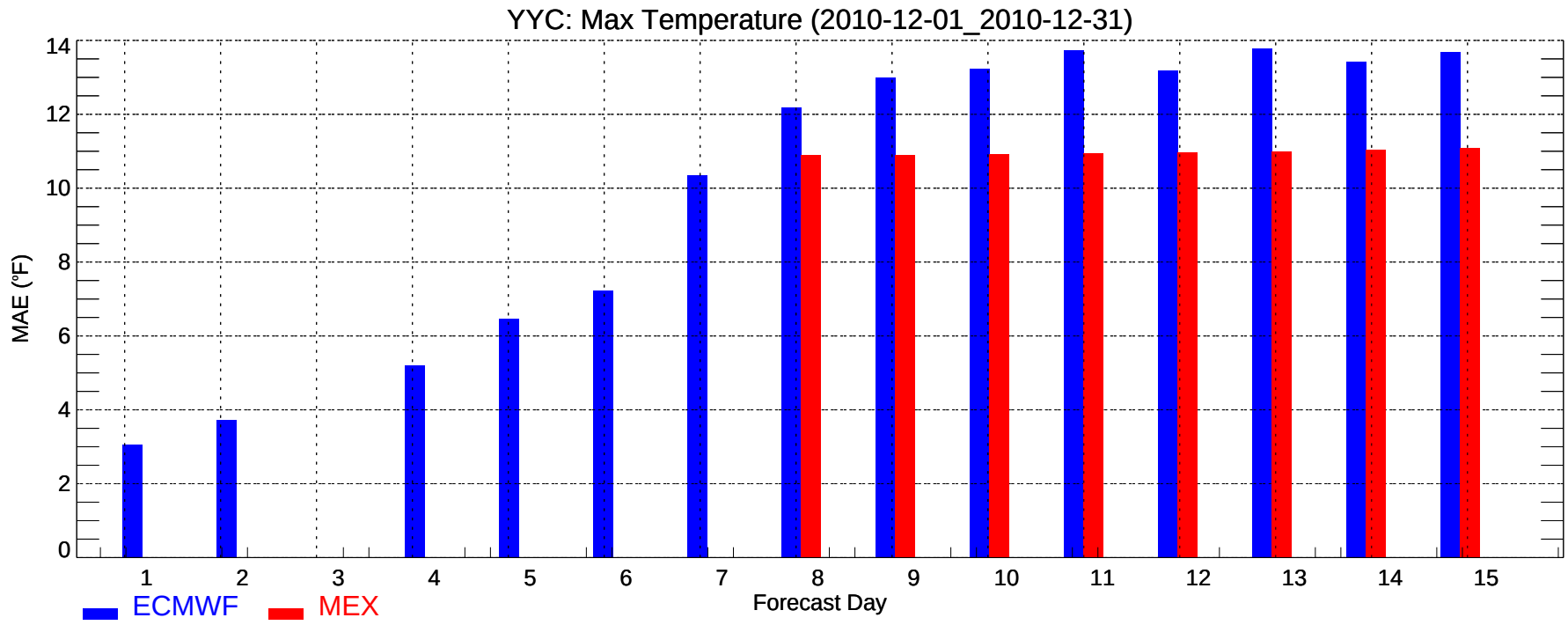

YWG: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
6
4
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

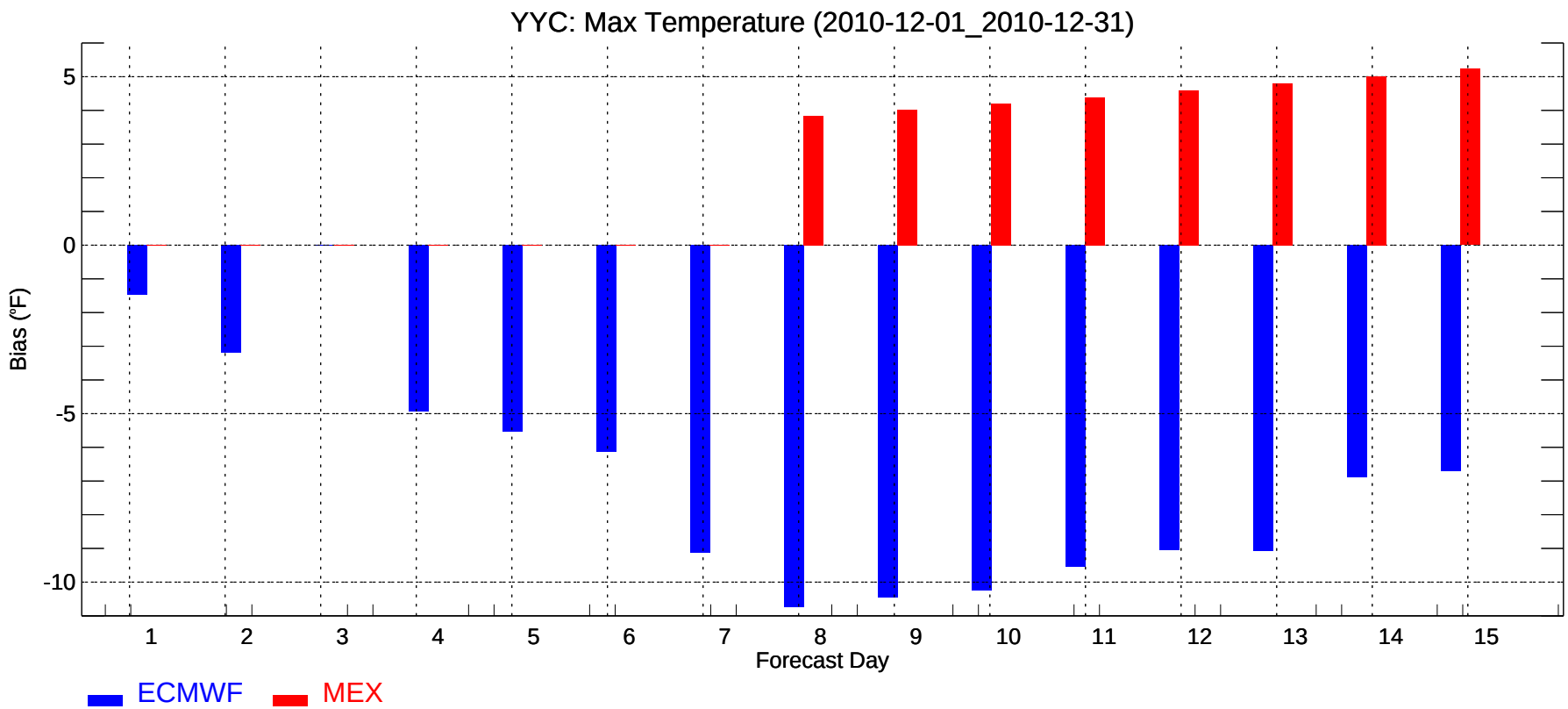

YXD: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

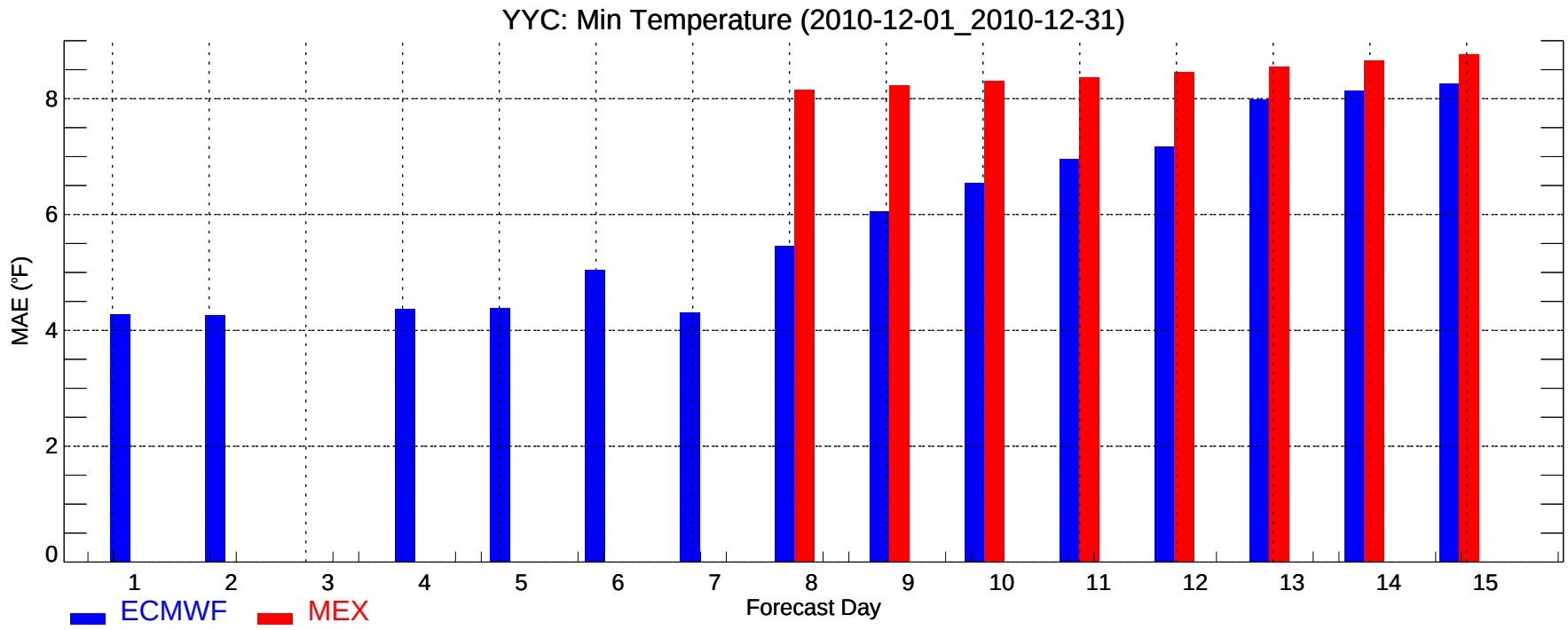

YXD: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

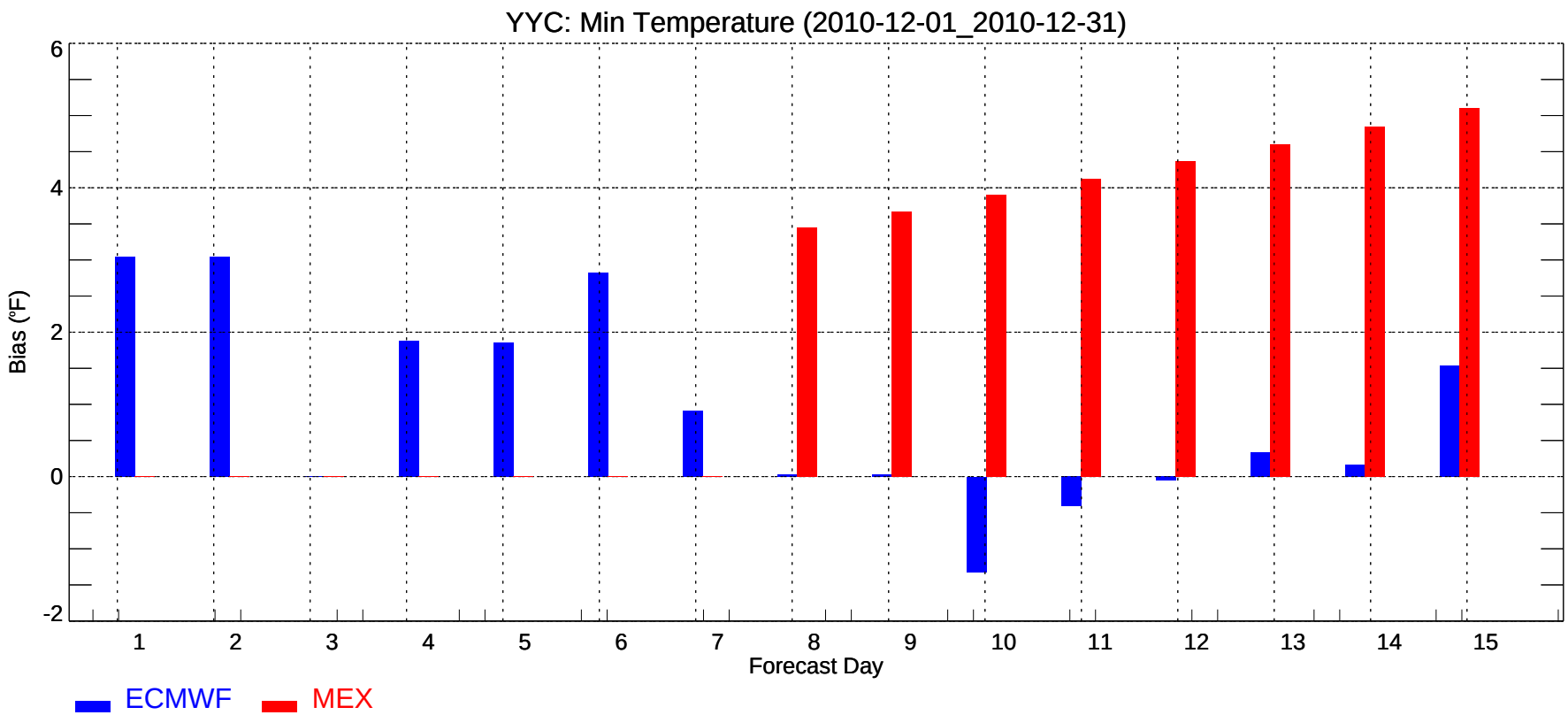

YXD: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

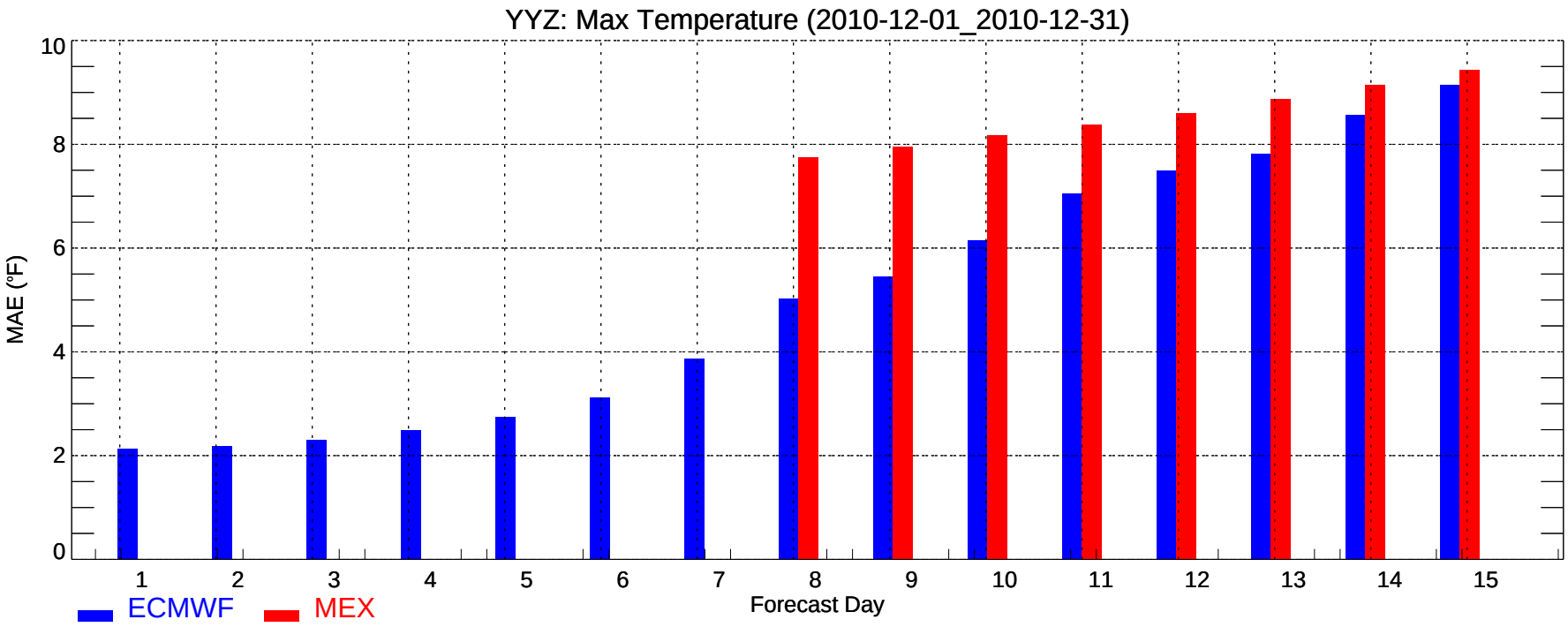

YXD: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-4
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

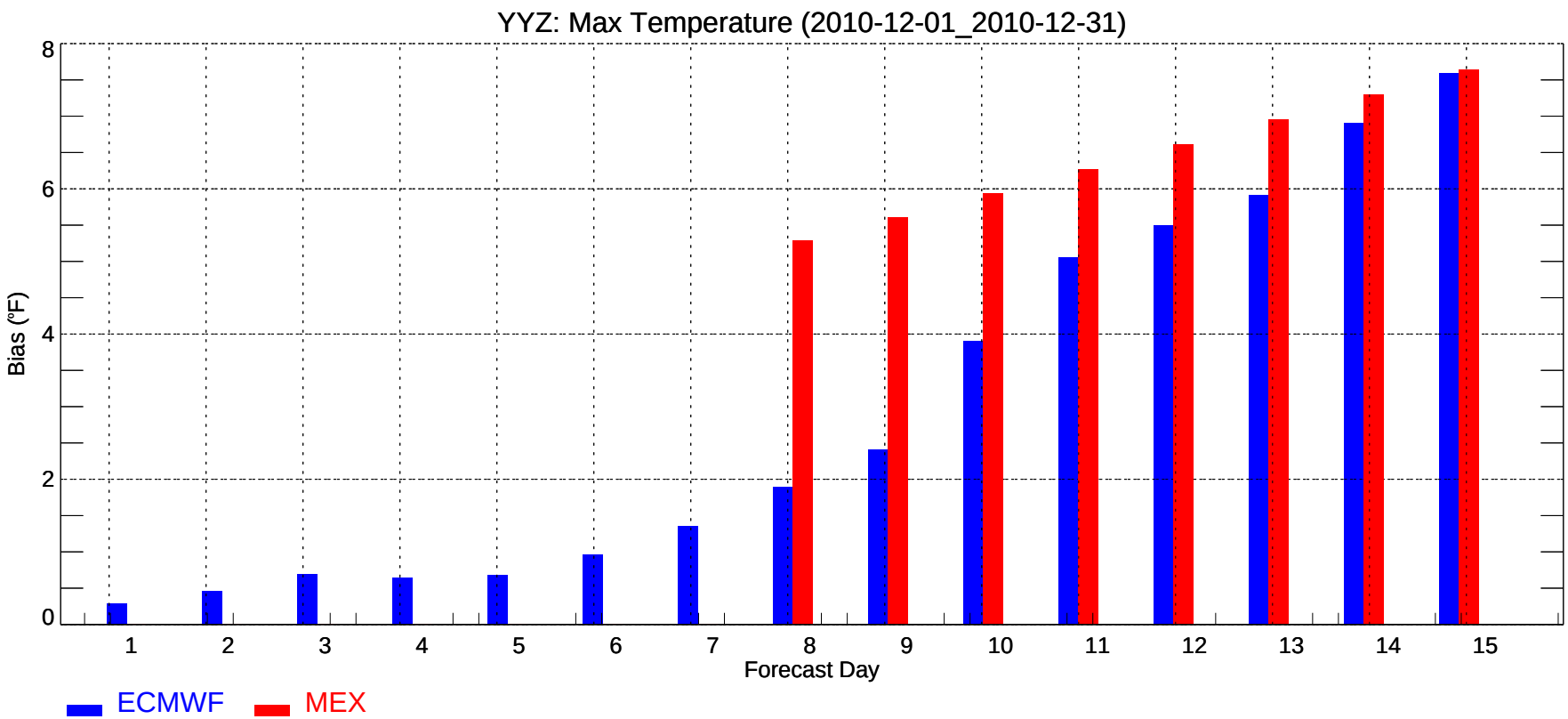

YYC: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

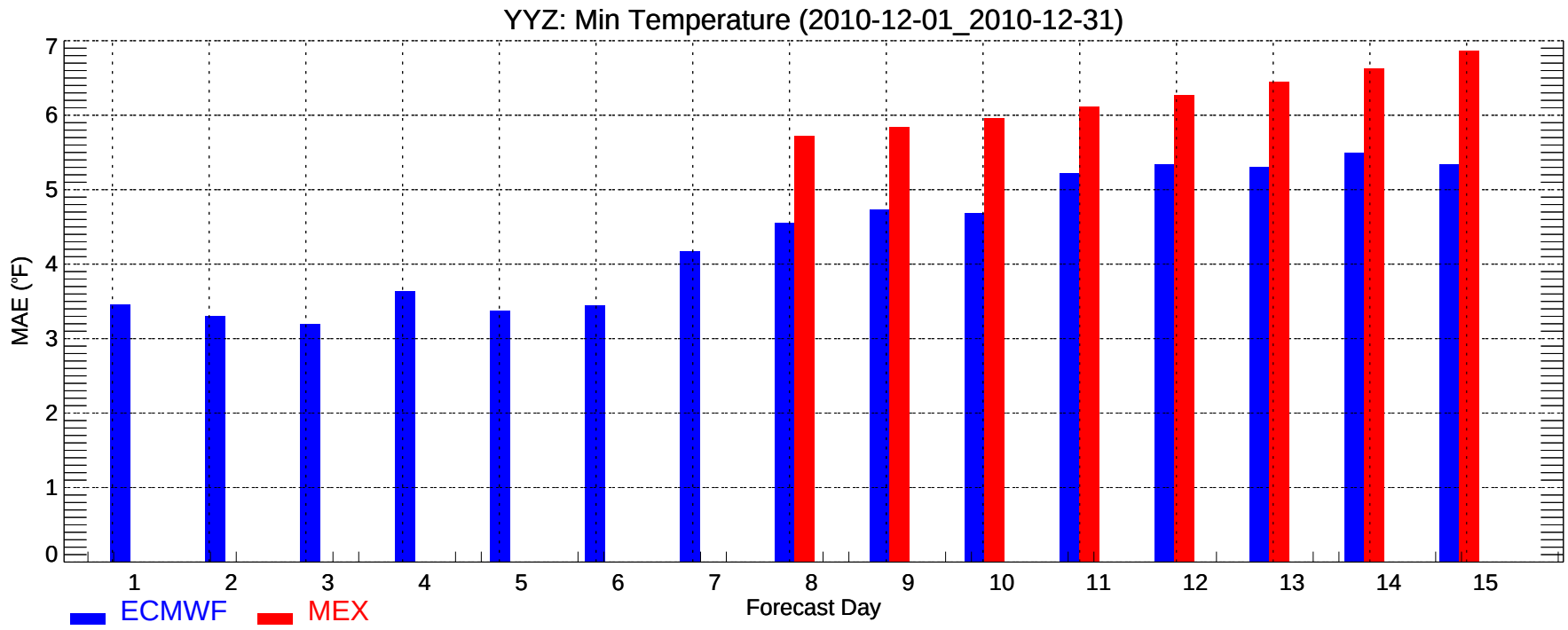

YYC: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
5
0
-5
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

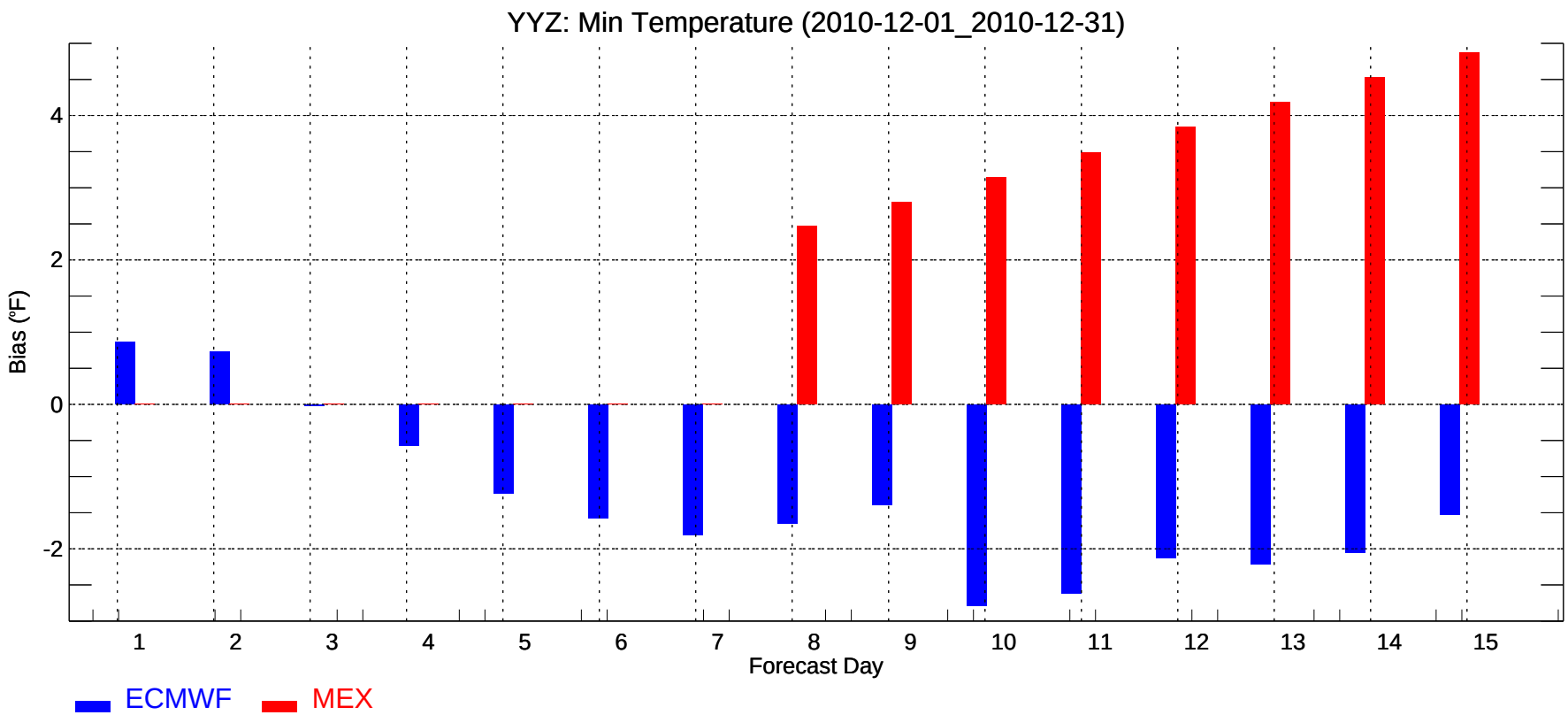

YYC: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYC: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2010-12-01_2010-12-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYZ: Min Temperature (2010-12-01_2010-12-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYZ: Min Temperature (2010-12-01_2010-12-31)
Bias (°F)
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX