eCast Monthly All Stations Report for 2010-03-01 ~ 2010-03-31

April 4, 2010

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ECMWF/MEX MAX Temperature Regional Summary

MAE (2010-03-01~2010-03-31)

	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	0.13	2.9/2.7	3.2/3.0	3.6/3.5	3.9/4.2	4.2/4.6	4.6/5.1	5.1/5.6	5.4/7.8	5.7/7.9	6.0/8.0	6.3/8.1	6.5/8.3	6.8/8.4	7.1/8.5	7.2/8.7

Bias (2010-03-01~2010-03-31)

	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	-1.42	-0.2/-0.7	-0.1/-0.8	-0.1/-0.7	-0.1/-0.7	-0.3/-0.8	-0.6/-1.1	-0.9/-1.6	-1.4/-3.7	-1.6/-4.0	-2.0/-4.3	-2.3/-4.6	-2.5/-4.9	-2.7/-5.1	-3.0/-5.4	-3.4/-5.7

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 (2010-03-01~2010-03-31)

	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	0.21	2.7/0.0	2.7/2.7	2.8/3.0	3.0/3.2	3.1/3.5	3.4/3.9	4.0/4.4	4.4/7.0	4.6/7.1	4.8/7.2	5.0/7.3	5.2/7.4	5.3/7.5	5.5/7.6	5.8/--

Bias (2010-03-01~2010-03-31)

	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	-0.26	0.1/0.0	0.1/0.4	0.2/0.5	0.3/0.5	0.2/0.3	0.2/-0.0	0.2/-0.3	-0.0/-3.3	-0.2/-3.6	-0.6/-3.8	-0.6/-4.1	-0.6/-4.3	-0.8/-4.6	-1.0/-4.8	-1.4/--

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 (2010-03-01~2010-03-31)

	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	0.24	2.9/3.5	3.8/4.4	4.6/5.3	5.1/5.8	5.2/6.3	5.4/6.6	6.1/8.0	6.4/10.4	6.6/10.7	7.4/11.1	8.0/11.3	7.9/11.7	8.8/12.0	9.5/12.3	10.4/12.6
ABI	0.07	2.6/2.0	2.5/2.6	3.4/3.7	4.2/4.5	4.6/5.8	5.2/5.3	5.5/7.2	5.7/7.9	6.8/7.8	6.8/7.9	7.5/8.0	7.6/8.0	8.1/8.0	7.6/8.1	7.8/8.3
ABQ	0.14	1.4/2.3	2.1/2.5	2.4/3.1	2.9/3.5	3.1/3.3	3.6/4.8	4.4/5.9	4.9/6.3	4.8/6.1	5.6/6.1	6.0/6.3	6.1/6.3	6.4/6.2	6.4/6.2	6.2/6.3
ABY	0.17	2.1/2.2	2.5/2.3	2.2/2.6	2.8/3.3	3.4/3.9	3.3/4.4	3.2/3.8	3.5/5.9	3.9/5.7	3.9/5.7	4.9/5.8	4.9/5.7	4.9/5.5	5.1/5.6	4.8/5.7
ACT	0.08	2.0/2.6	2.5/2.5	2.1/2.9	2.4/4.1	3.1/4.1	3.8/3.9	4.6/5.0	4.9/5.5	5.2/5.5	5.5/5.5	5.4/5.6	5.9/5.6	6.0/5.5	6.2/5.5	6.1/5.7
ACY	0.19	3.4/4.1	4.2/4.2	5.1/5.2	5.6/5.6	5.7/6.4	5.3/6.6	5.6/7.2	6.0/8.7	5.9/9.0	6.4/9.1	6.4/9.4	6.9/9.6	7.7/9.9	8.3/10.0	8.9/10.3
ALB	0.04	4.0/2.7	5.3/4.6	6.1/5.0	6.3/5.6	6.5/6.1	6.8/6.2	8.1/7.0	8.1/10.1	7.8/10.4	7.8/10.6	8.3/10.8	7.9/11.1	8.4/11.4	9.1/11.7	9.5/12.0
ALW	0.33	1.6/2.4	1.6/2.7	1.8/3.1	1.9/3.2	2.6/3.5	2.6/4.1	3.4/4.2	4.4/5.9	4.5/6.0	4.0/6.2	4.3/6.5	4.5/6.7	4.6/6.8	4.6/7.1	5.0/7.3
AOO	0.15	2.3/2.4	2.8/3.0	3.3/4.8	3.9/5.4	4.2/5.9	4.9/7.2	6.3/7.6	7.2/9.2	7.4/9.4	7.7/9.5	8.9/9.6	9.0/9.8	9.7/10.0	10.5/10.2	10.8/10.4
APN	0.35	4.2/4.3	4.2/4.8	3.8/5.5	4.2/5.7	4.4/7.2	5.3/7.4	6.0/8.4	6.9/14.0	7.6/14.4	8.4/14.7	8.2/15.0	8.4/15.3	8.8/15.6	9.1/15.9	8.8/16.2
ATL	0.11	2.6/2.0	3.4/2.9	3.5/3.6	3.9/4.5	4.5/5.3	4.4/5.6	4.2/5.2	4.0/6.9	4.7/6.7	5.0/6.7	5.7/6.7	6.0/6.7	6.2/6.5	6.2/6.4	6.1/6.5
AUG	0.25	2.8/2.4	3.3/3.9	4.3/4.9	5.2/6.6	5.3/7.0	5.8/6.7	6.6/7.8	7.2/10.2	7.0/10.5	6.7/10.7	6.7/11.0	6.8/11.3	7.3/11.6	7.3/11.8	7.7/12.1
AUS	0.04	2.1/2.5	2.2/2.4	2.3/2.4	2.5/3.2	2.6/3.2	3.4/3.6	4.1/5.1	4.4/4.9	4.7/4.9	5.0/4.8	5.2/4.9	5.1/4.8	5.2/4.9	5.4/4.9	5.4/4.9
AVP	0.17	2.4/3.0	3.0/3.5	3.7/4.8	4.9/6.2	4.8/6.5	5.5/7.0	7.3/7.8	7.6/9.8	7.9/10.0	8.3/10.2	9.0/10.5	8.6/10.6	9.4/10.9	9.9/11.1	10.5/11.4
BDL	0.17	3.7/3.5	5.1/5.0	6.4/5.6	6.4/6.9	6.3/7.0	6.0/7.3	6.7/8.4	7.0/10.5	7.1/10.7	7.5/11.0	8.0/11.3	8.1/11.7	8.8/12.0	9.6/12.3	10.4/12.6
BFL	0.14	2.7/2.5	2.3/2.5	2.6/2.9	2.8/3.7	3.1/3.9	3.8/4.4	4.5/4.7	4.8/7.2	5.2/7.2	5.6/7.2	5.9/7.2	6.3/7.4	6.6/7.5	6.9/7.4	7.0/7.4
BGM	0.15	3.0/3.4	4.2/4.1	5.6/5.0	6.3/6.1	6.2/6.5	7.0/7.3	8.6/8.5	8.3/11.7	8.3/12.1	8.8/12.4	9.1/12.7	8.9/13.0	9.5/13.3	10.2/13.6	10.8/13.9
BHM	0.07	3.5/2.9	3.9/3.2	4.2/3.3	4.4/4.7	4.9/5.7	5.1/6.0	5.0/6.1	5.1/7.4	5.5/7.5	5.7/7.4	6.4/7.3	6.7/7.3	6.7/7.4	7.0/7.3	6.9/7.2
BIS	0.19	3.1/4.0	3.1/5.8	3.4/5.9	3.4/5.5	4.4/6.7	6.2/7.0	7.2/8.1	7.6/7.5	7.5/7.5	8.0/7.8	8.0/8.0	7.8/8.1	7.0/8.5	6.1/8.6	5.6/8.9
BNA	0.07	2.9/2.8	4.0/3.1	3.9/3.2	4.3/4.4	4.5/4.8	4.8/5.2	4.8/6.2	5.3/8.1	5.5/8.0	5.9/8.1	6.5/8.1	7.1/8.0	7.7/8.0	7.9/7.9	7.8/7.9
BOI	0.06	2.3/2.1	2.9/2.2	3.0/2.7	3.3/3.4	3.6/3.5	4.2/4.4	4.6/4.8	5.0/5.9	5.7/5.9	5.4/5.9	5.4/6.2	4.9/6.3	5.2/6.5	5.1/6.7	5.3/6.9
BOS	0.21	3.7/4.5	4.0/5.6	4.4/5.6	5.2/6.6	5.0/6.8	4.8/6.3	4.6/6.8	5.3/7.7	6.1/7.9	6.8/8.1	7.1/8.3	7.1/8.5	7.3/8.6	7.4/8.8	7.6/8.9
BRO	0.11	1.8/2.7	2.2/3.3	2.4/3.3	2.8/3.2	3.4/3.8	3.1/3.6	3.7/4.3	3.8/3.7	3.9/3.7	4.1/3.6	3.7/3.7	3.5/3.7	3.4/3.8	3.6/3.9	3.4/3.9
BTV	0.26	3.3/4.2	3.8/4.5	4.5/5.0	5.0/6.1	5.6/6.3	6.2/6.2	7.6/7.0	7.4/11.4	7.3/11.6	7.2/12.0	7.3/12.3	7.1/12.6	7.6/13.0	7.9/13.3	7.9/13.6
BUF	-0.04	5.3/3.4	5.3/3.6	5.2/4.3	5.2/4.6	5.4/5.2	6.1/4.9	6.6/4.9	6.2/6.9	6.0/7.0	6.3/7.3	6.4/7.4	6.2/7.7	6.3/8.0	6.7/8.3	7.0/8.5
BUR	0.17	2.0/2.2	2.0/2.3	2.0/2.5	2.3/3.0	2.6/3.6	3.2/3.7	3.5/3.7	4.1/7.2	4.8/7.2	5.5/7.3	5.8/7.3	6.3/7.3	6.8/7.3	7.2/7.3	7.3/7.3
BWI	0.11	3.3/2.6	4.0/3.3	4.8/4.5	4.8/4.8	4.9/5.9	4.9/6.1	4.9/6.3	5.5/8.4	5.5/8.7	6.6/8.8	6.9/8.9	7.1/9.3	7.9/9.4	8.9/9.5	9.6/9.9
CAE	0.16	2.3/1.9	2.7/2.3	3.3/2.9	3.1/3.8	3.4/3.5	3.4/5.4	3.3/4.7	3.4/5.9	4.5/5.9	4.5/5.9	5.1/6.0	4.7/6.0	4.5/6.0	4.7/6.1	4.6/6.2
CHA	0.08	3.3/2.6	4.6/3.4	4.8/4.2	5.4/5.3	5.4/6.0	5.1/6.3	4.6/6.2	4.8/7.5	5.4/7.5	5.5/7.5	6.3/7.5	6.3/7.4	6.9/7.5	7.1/7.5	7.0/7.5
CLE	0.21	4.0/4.4	3.8/4.8	4.4/5.0	4.4/5.8	4.9/6.5	6.3/6.3	6.4/6.9	6.2/9.2	6.7/9.3	6.4/9.6	6.7/9.9	7.2/10.2	7.8/10.5	8.6/10.7	8.4/11.1
CLT	0.02	3.5/1.7	3.8/2.1	4.0/2.7	3.7/3.5	3.6/3.5	3.1/3.9	2.8/4.2	3.4/5.6	4.1/5.7	4.0/5.8	4.6/5.9	4.4/6.0	4.7/6.1	4.7/6.2	4.9/6.3
CMH	0.16	2.5/2.3	2.6/2.6	3.0/3.3	3.7/4.1	4.2/4.5	5.4/6.3	6.1/6.6	6.1/9.4	6.4/9.5	6.8/9.6	7.0/9.7	7.3/9.8	7.8/9.9	8.7/10.2	9.0/10.3
CON	0.30	3.3/3.5	3.8/4.5	4.3/5.4	4.6/6.8	4.7/6.7	4.7/6.4	5.5/7.0	5.9/9.9	6.1/10.1	6.6/10.4	7.1/10.8	6.8/11.1	7.4/11.4	7.5/11.7	8.1/12.1
COS	-0.07	3.2/3.6	4.0/4.1	3.9/4.1	4.5/4.1	5.6/4.7	6.5/6.2	6.9/6.7	7.9/8.6	8.5/8.4	8.9/8.5	9.5/8.5	10.4/8.8	10.9/8.8	10.3/8.8	10.8/8.7
COU	0.09	3.3/2.8	3.5/3.6	3.6/4.4	4.3/5.6	4.4/5.8	4.8/6.2	6.2/6.5	6.8/8.5	7.4/8.6	7.9/8.7	7.9/8.8	8.5/8.8	9.0/8.9	9.0/9.0	8.5/9.2
COT	0.21	1.6/1.9	1.6/2.0	1.6/2.5	1.9/2.6	2.2/3.2	2.7/3.6	3.3/3.8	3.7/6.4	4.3/6.5	4.9/6.5	5.4/6.5	5.8/6.5	6.0/6.6	6.2/6.6	6.1/6.6
CRP	-0.00	2.3/1.8	2.4/2.1	2.5/2.6	2.5/2.6	2.9/3.8	3.2/3.8	4.1/4.7	4.4/4.2	4.3/4.2	4.4/4.1	4.2/4.2	4.4/4.3	4.4/4.2	4.5/4.2	4.2/4.2
CRW	0.08	2.6/2.3	3.0/3.0	3.9/3.4	4.7/4.6	4.8/5.4	5.2/5.9	6.2/7.2	7.3/9.0	6.9/9.0	7.2/9.1	7.6/9.2	8.2/9.2	8.4/9.4	9.0/9.5	9.4/9.5
CVG	0.12	3.0/2.6	3.6/3.1	4.3/4.3	4.7/4.7	4.9/4.9	5.3/5.5	5.9/6.8	6.0/9.1	6.2/9.3	6.8/9.3	6.9/9.5	7.4/9.6	8.0/9.8	8.5/9.9	9.0/10.1
DAY	0.23	2.3/2.8	2.4/2.5	3.0/3.5	3.3/4.2	3.7/4.7	4.8/5.9	5.5/6.3	5.5/9.7	5.9/9.8	6.1/9.9	6.8/10.1	7.2/10.2	7.9/10.5	8.6/10.6	8.8/10.8
DBQ	0.23	2.5/2.9	3.3/3.5	3.4/3.2	4.0/4.3	5.0/4.5	5.6/6.5	5.6/6.7	6.0/10.3	6.6/10.7	6.6/11.1	7.1/11.5	7.4/12.0	7.9/12.4	8.3/12.8	8.1/13.2
DCA	0.19	3.3/3.4	3.8/3.5	4.4/5.0	4.5/4.8	4.6/5.5	4.7/6.7	4.9/6.7	5.2/8.5	5.0/8.5	6.0/8.6	6.3/8.9	6.7/9.1	7.3/9.3	8.3/9.5	9.0/9.8
DEC	-0.01	4.2/2.4	4.8/2.9	4.5/3.7	4.3/4.6	4.6/5.0	5.4/6.3	5.2/5.6	5.4/7.0	5.5/7.1	6.1/7.4	6.5/7.5	7.2/7.8	7.7/8.1	8.2/8.3	7.5/8.6
DEN	0.03	3.7/4.2	3.8/5.2	3.7/5.0	4.4/4.9	5.1/6.0	6.4/7.2	6.8/7.6	7.7/8.9	8.3/8.8	8.9/8.8	10.0/8.9	10.9/9.0	10.6/9.0	10.3/8.9	10.6/9.0
DFW	0.09	1.9/2.6	2.2/2.6	2.5/3.3	2.9/3.9	4.1/4.4	4.0/4.4	5.1/5.0	4.8/5.7	5.3/5.7	5.3/5.7	5.4/5.6	5.5/5.7	6.0/5.7	6.2/5.7	6.0/5.9
DLH	0.44	3.3/4.6	3.5/4.6	4.5/5.6	4.7/6.0	4.9/6.9	5.5/8.8	5.5/9.9	6.2/15.5	6.6/15.8	7.0/16.2	7.1/16.4	7.3/16.8	7.5/17.1	7.4/17.4	7.4/17.7
DSM	0.22	3.0/3.3	3.1/4.1	3.2/4.1	3.2/4.7	3.9/4.8	4.9/5.7	4.7/5.4	4.4/6.5	4.6/6.7	4.6/7.1	5.4/7.4	6.0/7.8	7.0/8.3	7.6/8.7	7.6/9.1
DTW	0.13	4.4/4.5	4.9/4.7	5.4/6.1	6.1/6.3	7.0/6.2	7.5/7.0	7.6/7.8	7.3/10.5	8.1/10.9	8.2/11.2	8.0/11.6	8.8/12.0	9.3/12.3	9.9/12.7	10.1/13.1
ELP	0.14	2.6/2.6	2.0/2.3	2.0/2.3	2.3/3.0	2.8/3.3	3.1/3.8	3.4/5.1	4.2/6.3	4.8/6.2	5.5/6.4	5.6/6.5	6.1/6.3	6.2/6.3	6.2/6.5	6.4/6.6
ERI	-0.16	4.1/3.1	4.7/2.9	5.8/3.4	5.9/4.4	6.1/5.2	7.0/4.8	8.0/5.4	7.4/7.5	7.2/7.5	6.6/7.7	6.7/7.8	6.8/7.9	7.1/8.1	7.6/8.3	7.8/8.3
EUG	0.10	3.1/3.0	2.8/3.1	2.7/3.8	3.1/3.9	3.4/4.0	3.5/4.8	4.2/4.8	4.5/4.9	4.6/5.0	4.5/5.1	4.2/5.1	4.6/5.1	5.2/5.1	5.4/5.1	5.5/5.1
EVV	0.13	2.7/2.3	3.2/2.9	3.5/3.7	3.5/4.4	3.9/4.5	4.0/4.6	4.8/5.9	5.4/7.6	5.6/7.7	5.8/7.8	6.4/7.9	7.0/8.2	7.3/8.4	7.7/8.6	8.0/8.8
EWR	0.17	4.9/4.1	5.6/4.9	6.1/5.3	5.9/6.3	5.9/6.4	5.5/5.9	5.6/7.4	5.9/9.9	6.2/10.2	6.5/10.5	7.2/10.6	7.3/10.8	8.0/11.2	8.5/11.4	9.2/11.6
FAR	0.19	2.4/2.6	2.7/2.8	3.1/3.0	3.8/3.0	4.7/3.8	6.7/5.1	7.1/6.5	7.6/11.8	7.4/12.2	7.4/12.6	7.4/12.9	7.3/13.4	6.4/13.8	6.1/14.2	6.1/14.6
FAT	0.13	2.0/2.1	2.0/2.2	1.8/2.2	2.1/3.4	2.6/3.4	3.3/3.9	4.2/4.5	4.7/6.6	5.0/6.7	5.6/6.7	5.7/6.9	6.3/6.8	6.5/6.7	7.0/6.7	7.2/6.7
FLG	0.14	2.0/1.9	2.0/2.1	2.4/3.1	2.8/3.7	3.0/4.5	3.1/4.7	3.5/4.4	4.1/5.4	4.4/5.5	4.7/5.5	5.3/5.5	5.3/5.5	5.4/5.6	5.4/5.6	5.8/5.6
FMY	0.33	2.7/2.9	2.6/3.3	2.8/3.3	3.0/3.6	3.1/4.5	3.3/5.1	3.3/5.1	3.0/7.4	3.1/7.3	3.3/7.2	3.7/7.1	4.2/7.0	4.6/6.9	4.9/6.8	4.9/6.7
FSD	0.03	2.8/2.3	2.9/2.7	3.0/3.7	3.8/4.3	4.6/4.9	6.2/6.0	6.9/6.9	7.6/6.9	7.3/7.1	6.9/7.1	6.9/7.4	7.1/7.6	6.9/7.8	6.9/8.2	7.3/8.5
FWA	0.22	3.1/4.0	3.9/4.4	4.9/4.8	5.3/5.1	5.7/5.7	5.5/6.0	5.6/7.4	5.5/10.7	6.2/10.9	6.5/11.2	7.4/11.5	7.7/11.8	8.9/12.1	9.7/12.4	9.7/12.8

GAD	-0.02	5.9/4.8	5.7/5.0	5.9/5.4	6.9/6.0	7.8/6.9	8.2/7.7	8.9/8.0	9.0/9.1	8.8/9.1	8.1/8.9	8.1/8.8	8.0/8.8	7.7/8.6	8.0/8.6	7.7/8.8
GEG	0.25	1.7/1.8	1.8/2.4	2.1/2.5	2.4/2.6	2.5/2.7	2.7/3.6	3.3/4.0	3.8/5.9	4.3/6.0	4.2/6.1	3.8/6.3	4.4/6.6	4.4/6.8	4.4/7.0	4.9/7.2
GTF	0.28	2.8/2.9	2.4/3.4	3.0/3.9	3.3/4.0	4.0/5.4	5.4/6.6	5.7/7.8	6.0/12.1	7.2/12.4	7.6/12.5	8.2/12.8	8.9/13.0	9.4/13.3	9.7/13.5	10.0/13.7
HOU	0.06	2.2/2.4	2.2/2.0	2.5/2.3	2.6/2.5	2.6/2.9	2.6/2.9	3.5/4.3	3.9/4.8	4.1/4.7	4.0/4.6	4.1/4.5	4.0/4.3	4.0/4.3	4.3/4.4	4.1/4.3
HSV	0.02	2.9/2.0	3.5/2.2	3.8/3.0	4.1/3.7	4.3/5.2	4.6/5.2	4.5/6.1	5.1/7.3	5.5/7.3	5.6/7.2	6.1/7.2	6.5/7.3	6.9/7.2	7.2/7.2	7.1/7.3
IAH	0.05	2.2/2.3	2.4/2.3	2.4/2.8	2.6/3.0	2.7/3.8	3.2/3.5	4.3/4.5	4.8/5.2	5.1/5.2	4.9/5.0	4.8/5.0	4.8/5.0	4.8/5.0	5.2/4.9	5.0/4.9
ICT	0.08	3.4/3.3	3.5/3.8	3.4/3.8	3.9/4.9	4.6/5.0	5.9/6.1	7.1/6.3	7.2/8.0	7.4/7.9	6.8/8.0	6.9/8.1	7.4/8.2	7.8/8.4	7.3/8.5	7.6/8.5
ILG	0.14	4.1/4.3	4.9/4.0	6.0/5.6	5.8/5.7	6.3/6.4	6.2/6.4	6.1/7.1	6.7/8.7	6.7/9.1	7.5/9.3	5.9/9.5	6.1/9.9	7.0/10.1	7.9/10.3	8.9/10.7
IND	0.14	3.4/3.4	4.3/3.4	4.6/3.9	4.4/4.7	4.3/5.5	5.0/5.0	5.3/7.0	5.5/8.9	6.0/9.2	6.3/9.4	6.7/9.6	7.6/10.0	8.2/10.2	9.0/10.5	8.9/10.8
IPT	0.31	3.6/4.6	4.2/4.9	5.2/6.1	5.8/8.1	6.4/8.4	6.2/8.7	6.7/10.2	6.8/13.1	6.6/13.4	7.9/13.7	8.9/14.0	9.0/14.3	10.2/14.7	11.3/15.0	12.1/15.3
JAN	0.06	3.2/1.9	3.3/2.7	3.3/3.0	3.5/3.6	3.1/4.0	3.2/4.5	3.6/4.5	3.9/6.2	4.0/6.1	5.1/6.1	5.4/6.2	5.7/6.3	5.9/6.2	6.0/6.3	6.1/6.4
JAX	0.13	2.2/2.2	2.6/2.5	2.7/2.4	2.8/3.3	3.1/3.4	3.2/3.7	2.8/4.0	2.9/5.1	3.4/5.0	3.6/4.9	4.0/5.0	4.3/5.0	4.4/4.8	4.7/4.7	4.6/4.7
JFK	0.14	4.2/5.0	5.2/5.4	5.6/5.6	6.1/5.6	5.8/5.9	5.5/5.7	6.0/7.0	6.9/8.9	6.9/9.2	7.0/9.5	7.1/9.6	7.2/9.8	7.9/10.1	8.4/10.3	8.9/10.5
LAN	0.08	2.9/2.6	3.7/2.4	4.4/3.4	4.9/3.9	5.4/4.5	6.0/6.1	5.9/6.9	6.0/10.4	6.6/10.8	7.4/11.2	8.0/11.5	8.6/11.9	8.8/12.3	9.4/12.6	9.4/13.0
LAS	0.09	1.8/1.5	2.0/1.8	2.5/2.4	2.9/3.0	2.8/3.2	3.0/4.0	3.2/4.6	3.3/4.7	3.7/4.6	4.0/4.7	4.5/4.9	4.6/4.7	4.5/4.7	4.6/4.8	4.7/5.0
LAX	-0.15	3.3/2.2	3.3/2.1	3.5/2.1	3.6/3.0	3.9/3.5	4.1/3.5	4.3/3.6	4.7/5.4	5.2/5.4	5.3/5.4	5.4/5.4	5.5/5.5	5.6/5.5	5.6/5.5	5.5/5.5
LEX	0.09	2.7/1.8	2.9/2.5	3.6/3.5	4.1/4.5	4.1/5.2	4.3/5.5	4.9/6.7	5.5/8.1	6.0/8.3	6.3/8.4	6.7/8.4	7.6/8.5	7.8/8.7	8.6/8.8	8.9/9.0
LFK	0.18	2.2/2.5	1.8/3.1	2.2/3.5	2.5/3.7	2.7/4.3	3.3/4.6	4.5/6.2	5.2/6.2	5.3/6.2	5.8/6.2	5.8/6.3	5.9/6.3	6.2/6.3	6.3/6.3	6.1/6.2
LGA	0.18	4.5/4.3	5.1/5.3	5.6/5.7	5.6/5.8	5.5/6.2	4.9/6.3	5.3/6.6	5.3/8.1	5.5/8.4	5.9/8.6	6.2/8.8	6.3/9.1	7.0/9.3	7.6/9.6	8.4/9.9
LGB	0.03	2.9/2.1	3.1/2.5	3.0/2.6	3.1/3.1	3.2/3.5	3.3/3.6	3.6/4.1	4.1/5.9	4.5/5.9	4.9/5.9	5.5/6.0	5.7/6.0	5.6/6.0	6.1/6.0	5.8/6.1
LIT	0.18	2.5/2.7	2.7/3.0	3.4/3.7	4.1/4.6	4.0/5.7	4.4/5.9	4.5/6.6	4.6/7.9	5.4/8.1	6.3/8.2	7.0/8.3	7.5/8.4	8.2/8.6	8.4/8.7	8.2/8.8
LNS	0.37	3.0/3.7	3.7/4.5	4.5/5.7	5.0/5.8	5.2/6.4	5.1/6.9	5.9/7.9	6.7/15.8	6.7/16.3	7.1/16.6	8.0/17.0	8.0/17.5	9.0/17.8	9.9/18.2	10.8/18.6
MAF	0.18	2.2/3.0	2.6/2.7	2.6/4.1	3.2/5.0	3.6/5.7	4.5/5.8	5.1/7.7	6.0/8.0	6.9/8.2	7.0/8.3	7.4/8.3	7.9/8.3	8.7/8.4	8.1/8.5	8.3/8.5
MBA	0.26	3.1/3.3	3.5/4.2	4.4/5.4	4.8/7.2	4.9/7.7	4.6/7.1	5.1/7.5	5.2/8.7	5.8/8.9	6.6/9.1	7.0/9.3	7.0/9.5	7.7/9.7	7.9/10.0	8.6/10.2
MCI	0.06	3.7/2.9	3.9/3.0	3.7/3.9	3.9/4.8	4.6/4.6	4.9/5.4	5.7/5.5	6.1/7.9	6.6/8.0	6.4/8.0	6.9/8.2	7.5/8.4	8.0/8.6	7.7/8.7	7.5/8.9
MCN	0.19	2.1/2.4	2.0/2.8	2.4/3.0	2.9/3.3	3.6/4.2	3.6/4.8	3.5/4.4	3.6/6.1	4.0/6.1	4.5/6.0	5.3/5.9	5.3/5.9	5.3/5.9	5.2/5.8	5.3/5.7
MCO	0.37	2.0/2.3	2.3/2.6	2.2/2.9	2.2/3.4	2.3/3.1	2.6/4.5	2.8/4.4	2.7/6.7	3.0/6.6	3.1/6.4	3.4/6.2	3.5/6.0	3.7/5.9	3.7/5.9	3.5/5.8
MDT	0.20	2.9/3.3	3.3/3.9	4.4/4.7	5.0/5.9	5.3/6.4	5.2/7.4	5.9/8.6	6.8/9.8	7.3/10.1	7.8/10.5	8.6/10.6	8.7/10.9	9.4/11.2	10.1/11.5	10.6/11.8
MEM	0.08	2.2/1.9	3.1/2.0	2.9/2.6	3.4/3.6	3.4/4.6	3.7/4.8	3.9/4.5	4.5/6.9	4.7/7.1	5.3/7.0	5.3/7.0	6.4/7.1	6.6/7.1	6.8/7.0	6.8/7.0
MHT	0.26	3.4/3.1	3.9/4.0	4.5/5.3	4.8/6.8	4.9/6.8	4.5/6.7	5.2/6.8	5.3/9.3	6.2/9.5	6.8/9.9	7.2/10.2	7.1/10.5	7.6/10.8	7.5/11.0	8.3/11.3
MIA	0.20	1.9/1.6	2.0/1.8	2.0/1.4	1.9/1.9	2.1/2.1	2.5/3.3	2.3/3.9	2.3/4.7	2.4/4.7	2.6/4.6	2.8/4.5	3.0/4.5	3.0/4.4	3.1/4.4	3.3/4.4
MKE	0.03	4.7/3.7	4.8/4.1	5.1/4.1	5.0/4.2	5.7/4.8	6.4/5.7	6.5/5.5	6.7/9.2	7.1/9.4	7.5/9.6	7.7/9.9	7.7/10.1	8.1/10.3	8.7/10.6	8.4/10.8
MOB	0.04	2.8/2.1	2.6/2.7	2.8/2.7	2.8/2.5	3.4/3.3	3.7/4.2	3.7/4.2	4.0/5.3	4.2/5.3	4.4/5.1	4.9/5.0	4.7/5.1	4.8/5.1	5.0/4.9	4.8/4.8
MSP	0.42	2.3/3.6	2.7/4.3	3.2/4.6	3.5/5.1	4.2/5.4	5.5/7.0	5.6/7.4	6.1/12.8	6.0/13.2	6.3/13.7	6.3/14.1	6.9/14.5	7.0/14.9	6.9/15.4	7.1/15.8
MSY	0.18	2.1/2.1	2.0/2.5	1.9/2.5	2.0/2.3	2.0/2.6	2.0/2.8	2.5/3.2	2.9/4.5	3.1/4.4	3.2/4.2	3.6/4.1	3.6/4.1	3.5/4.0	3.7/3.9	3.6/3.9
MWL	0.07	2.0/2.3	2.8/3.3	2.9/3.5	3.4/4.3	4.3/5.2	4.7/5.5	5.6/6.4	5.6/6.9	6.3/7.0	6.4/6.9	6.7/6.9	7.2/6.9	7.6/6.8	7.7/6.8	7.7/6.9
NKX	-0.93	4.9/1.9	4.7/2.2	4.9/2.4	5.4/2.8	5.7/3.4	6.3/3.8	6.8/4.2	7.4/0.0	8.0/0.0	6.9/0.0	6.6/0.0	6.7/0.0	7.0/0.0	6.9/0.0	6.8/0.0
NTU	0.11	3.5/2.6	3.7/2.8	4.2/4.1	4.2/3.7	4.8/4.6	5.3/5.4	5.5/6.2	6.5/8.0	6.6/8.1	6.2/8.2	5.2/8.3	5.1/8.5	5.3/8.6	6.0/8.7	6.1/8.7
OAK	-0.19	3.4/1.7	3.2/2.3	3.1/2.1	3.4/3.0	3.9/2.9	4.3/3.6	4.3/3.9	4.5/4.5	4.7/4.5	4.6/4.5	4.6/4.5	4.7/4.5	4.7/4.5	4.6/4.6	4.6/4.6
OKC	0.02	2.9/2.3	3.3/2.9	4.1/3.7	4.4/4.5	5.2/5.9	5.7/5.7	6.5/7.4	6.7/7.7	7.2/7.7	7.3/7.6	7.3/7.7	7.3/7.8	7.5/7.8	7.2/7.8	7.2/8.0
OMA	0.00	4.0/2.6	3.1/2.9	3.3/2.8	3.7/3.9	4.0/4.7	4.7/5.1	5.8/4.8	5.8/6.2	6.2/6.3	5.5/6.4	5.9/6.5	5.8/6.5	6.3/6.9	6.4/7.1	6.1/7.3
ORD	0.14	3.1/3.2	3.4/3.0	3.5/3.6	3.9/3.9	5.0/4.5	5.8/5.9	6.0/6.0	5.9/8.7	6.0/9.0	6.1/9.3	6.8/9.5	7.0/9.8	7.6/10.1	8.1/10.3	7.6/10.6
ORH	0.22	3.7/3.4	3.9/4.3	4.7/5.1	4.9/6.6	4.6/7.5	4.5/6.4	5.2/7.0	5.5/8.6	6.3/8.8	6.9/9.0	7.1/9.2	7.2/9.5	7.6/9.7	7.7/9.9	8.4/10.2
PDT	0.13	3.6/2.8	3.3/3.5	3.5/3.4	3.4/3.8	4.0/3.6	4.1/4.0	4.4/4.2	5.2/6.5	5.3/6.6	4.6/6.8	4.9/6.9	5.1/7.2	5.3/7.4	5.4/7.6	5.5/7.9
PDX	0.17	1.6/1.6	1.4/2.0	1.6/2.3	1.8/2.5	2.3/2.7	2.9/3.7	3.7/4.5	4.0/5.1	4.5/5.2	4.3/5.2	4.3/5.2	4.6/5.2	4.6/5.3	4.8/5.4	4.8/5.5
PHL	0.26	2.7/3.5	3.5/4.2	4.4/5.1	4.7/5.7	5.0/6.5	4.8/6.5	5.0/7.0	5.4/9.4	5.8/9.6	6.9/10.0	6.7/10.2	7.0/10.4	7.8/10.7	8.4/11.0	9.1/11.2
PHX	0.08	1.9/1.5	2.0/1.6	2.4/2.6	2.6/3.0	2.4/3.9	3.0/4.4	3.3/4.8	3.8/5.7	4.4/5.7	6.1/5.9	6.4/5.9	6.0/5.9	6.1/6.0	6.2/6.1	5.8/6.2
PIR	-0.14	4.4/3.2	4.9/3.4	5.3/3.6	6.0/5.0	7.3/5.9	8.3/7.0	8.5/7.7	9.0/8.3	9.0/8.4	8.6/8.3	8.6/8.5	8.9/8.5	8.7/8.5	7.7/8.6	8.0/8.7
PIT	0.04	3.2/3.2	4.0/3.0	4.7/3.8	5.3/5.5	5.4/5.6	6.2/7.1	7.3/8.1	7.5/9.6	7.4/9.6	7.9/9.9	8.5/9.9	8.6/10.1	9.5/10.3	10.6/10.4	11.3/10.7
PVD	0.30	3.5/3.7	3.6/4.6	4.5/5.2	4.6/6.4	5.0/7.0	4.6/5.9	4.4/6.7	4.2/9.2	4.9/9.5	5.9/9.6	6.5/9.8	6.5/10.1	7.3/10.3	7.6/10.5	8.0/10.8
PWM	0.31	2.9/4.3	3.5/4.3	3.9/4.6	4.1/6.5	4.1/6.6	3.9/6.2	5.0/6.5	5.3/9.0	5.7/9.3	6.2/9.5	6.6/9.7	6.7/9.9	7.2/10.2	7.2/10.4	7.5/10.6
RAL	0.27	1.1/2.5	1.4/3.5	1.9/3.7	2.3/4.8	2.4/4.5	3.0/4.0	3.4/4.7	4.8/7.4	5.3/7.4	6.3/7.4	7.0/7.4	7.2/7.4	7.3/7.4	7.3/7.4	7.4/7.4
RAP	0.08	4.0/2.7	3.7/3.3	3.1/4.2	4.2/4.4	5.9/6.3	6.2/6.4	7.3/7.2	8.0/10.2	7.5/10.3	8.1/10.4	8.7/10.6	8.9/10.7	8.9/10.8	9.7/11.0	9.9/11.1
RBL	0.03	2.6/1.8	2.5/2.3	2.8/2.2	2.8/3.5	3.4/4.2	4.2/4.8	4.5/4.8	4.8/6.9	5.8/7.0	6.1/7.0	6.3/7.0	6.9/7.0	7.0/7.0	6.9/7.0	7.0/7.0
RDD	-0.00	3.2/2.1	3.4/2.2	3.2/2.9	3.5/4.0	4.0/4.9	5.0/5.1	5.5/6.0	5.8/7.3	6.6/7.3	6.4/7.4	6.4/7.4	7.0/7.4	7.2/7.4	7.0/7.4	7.4/7.3
RDU	0.20	2.5/2.1	3.1/1.9	3.1/2.8	2.9/2.5	3.0/4.0	3.3/4.6	3.5/4.8	3.9/7.4	3.7/7.5	4.4/7.7	4.9/7.8	4.6/8.0	4.8/8.2	5.4/8.3	5.8/8.5
RIC	0.15	2.8/2.2	3.7/3.0	4.3/3.6	4.2/3.5	4.6/4.8	5.0/5.9	5.0/6.2	6.0/9.1	5.9/9.2	6.3/9.5	5.9/9.6	6.0/9.8	6.5/10.0	7.0/10.3	7.4/10.4
RNO	0.02	2.8/2.5	2.7/2.4	2.9/2.7	3.4/3.5	3.7/4.9	3.7/4.7	5.0/4.8	5.6/7.6	6.5/7.6	7.1/7.6	7.4/7.6	7.9/7.7	8.1/7.8	8.6/7.7	8.9/7.7

ROA	-0.01	3.0/2.4	4.1/1.9	4.4/3.1	4.6/4.0	4.8/4.0	4.9/5.2	5.3/6.3	6.0/8.1	5.2/8.2	5.7/8.3	6.2/8.5	6.7/8.6	7.0/8.8	8.0/8.9	8.4/9.1
ROC	-0.09	5.8/2.8	6.1/3.9	6.8/5.2	6.9/5.8	6.7/6.3	7.4/5.8	7.7/5.3	7.6/9.0	7.6/9.2	7.8/9.6	7.7/9.9	7.6/10.1	8.1/10.4	8.6/10.7	8.8/10.9
SAC	0.05	1.9/1.7	2.0/1.9	2.1/2.0	2.6/2.9	2.7/3.3	3.5/3.8	3.8/4.2	4.4/5.7	4.9/5.8	5.4/5.8	5.2/5.8	5.8/5.9	6.1/5.9	5.8/5.8	6.0/5.7
SAN	0.01	2.1/1.8	2.0/2.0	2.0/1.7	2.3/2.2	2.7/2.6	3.2/3.4	3.7/3.7	4.0/5.1	4.4/5.2	4.5/5.1	4.6/5.1	5.0/5.1	5.2/5.1	5.3/5.2	5.2/5.2
SAT	0.04	2.4/2.6	2.3/2.7	2.2/2.4	2.4/3.2	2.3/3.0	3.0/2.9	4.1/4.4	3.9/4.7	4.4/4.5	4.4/4.5	4.7/4.4	4.6/4.5	4.8/4.5	5.0/4.5	5.0/4.4
SAV	0.13	2.8/2.2	2.9/3.0	2.8/2.8	3.0/3.6	3.7/3.8	3.6/4.4	3.5/3.8	3.5/6.1	4.3/6.0	4.5/5.9	4.9/5.8	4.8/5.9	5.0/5.9	4.9/5.8	4.9/5.8
SDF	0.11	2.4/2.2	3.0/2.6	3.6/3.4	4.1/4.6	4.3/5.1	4.5/5.3	5.0/6.1	5.5/8.2	6.0/8.5	6.4/8.5	6.8/8.6	7.6/8.8	8.0/8.9	8.6/9.1	8.9/9.2
SEA	0.14	1.3/1.8	1.6/1.8	1.8/1.9	1.8/2.9	2.2/3.0	2.6/3.3	3.4/3.9	3.9/4.7	4.2/4.8	4.2/4.8	4.5/4.9	4.7/4.9	4.9/5.0	4.7/5.0	5.1/5.1
SFO	-0.05	2.8/2.0	2.9/2.2	2.7/2.5	3.0/3.2	3.4/2.9	3.7/3.5	3.7/3.7	3.9/4.4	4.2/4.4	4.2/4.4	4.2/4.4	4.4/4.5	4.5/4.5	4.4/4.5	4.7/4.5
SJC	0.01	2.3/1.7	2.1/2.3	2.4/2.2	2.5/2.6	2.8/3.4	3.1/3.8	3.3/4.2	3.8/5.7	4.5/5.7	5.2/5.7	6.4/5.6	6.5/5.7	6.5/5.6	6.4/5.6	6.5/5.6
SJT	0.19	2.9/3.4	2.8/4.1	3.3/3.8	3.6/5.0	4.3/5.3	4.5/5.5	4.8/7.0	5.3/7.7	6.3/7.8	6.6/7.9	6.9/8.1	7.3/8.2	7.7/8.3	7.4/8.4	7.5/8.5
SLC	0.20	1.6/2.3	2.1/2.5	2.3/2.4	3.0/3.2	3.2/4.7	4.0/4.8	4.1/5.8	4.3/5.8	4.7/6.0	5.0/6.0	5.2/6.1	5.3/6.3	4.9/6.3	5.3/6.5	5.1/6.8
SSI	0.14	3.0/3.3	3.3/3.1	3.2/3.1	3.1/3.5	3.1/3.8	3.4/4.0	3.4/4.0	3.7/4.8	3.9/4.8	3.8/4.8	3.9/4.7	4.1/4.8	3.8/4.8	4.1/4.7	3.9/4.8
STL	0.16	4.2/3.4	4.1/3.5	4.1/4.0	3.7/5.0	3.7/4.9	4.1/5.6	5.0/5.9	5.3/8.4	5.4/8.5	6.3/8.8	6.4/8.9	7.3/9.2	7.9/9.5	8.7/9.7	7.9/9.9
SYR	0.08	2.8/3.4	3.8/3.9	5.2/3.7	5.1/4.6	5.2/5.1	6.0/5.2	7.2/5.7	7.0/9.5	7.1/9.7	7.5/10.0	7.8/10.4	7.7/10.7	8.3/11.0	8.9/11.3	9.0/11.7
TLH	0.10	2.1/2.7	2.3/2.9	2.5/3.4	3.2/3.8	3.6/4.0	3.4/3.8	3.3/3.4	4.0/4.6	3.9/4.4	3.8/4.4	4.0/4.2	4.0/4.2	4.2/4.1	4.3/4.2	4.4/4.1
TPA	0.18	2.4/1.5	2.8/2.2	2.8/2.0	2.9/3.3	2.9/3.2	2.9/3.8	3.1/4.0	3.2/6.2	3.2/6.1	3.3/6.0	3.2/5.9	3.5/5.8	3.7/5.7	3.7/5.6	3.8/5.5
TRM	0.12	2.0/1.8	2.2/2.1	2.4/2.9	2.4/3.4	2.5/3.2	2.8/3.5	3.0/3.9	2.9/4.6	3.4/4.5	3.9/4.5	4.2/4.5	4.5/4.6	4.4/4.6	4.7/4.6	5.0/4.6
TUL	0.14	2.1/2.5	2.5/2.5	3.1/3.1	3.5/4.0	3.8/5.1	3.8/5.0	5.0/6.5	5.0/7.5	6.2/7.7	6.4/7.7	6.5/7.7	6.8/7.9	7.6/7.9	7.5/7.9	7.5/8.1
TUS	0.14	1.9/1.7	2.2/1.8	2.2/2.6	2.5/3.1	2.7/3.9	3.2/4.4	3.4/4.4	3.9/5.5	4.1/5.7	4.5/5.8	5.0/5.8	5.2/5.8	5.2/5.9	5.3/5.9	5.4/5.8
TYR	0.09	2.5/2.7	2.4/3.3	2.8/3.4	3.2/4.3	3.4/4.8	4.1/4.5	5.3/5.5	5.7/6.8	5.8/6.6	6.1/6.5	6.1/6.6	6.7/6.5	6.9/6.4	7.1/6.4	7.0/6.5
TYS	0.10	3.5/2.9	4.5/3.8	4.8/4.1	5.4/5.6	5.3/5.6	5.1/6.2	4.8/6.7	5.0/7.7	5.3/7.8	5.7/7.8	6.3/7.7	6.6/7.8	7.0/7.8	7.5/7.8	7.6/7.9
VCT	0.04	2.4/2.8	2.6/2.3	2.6/3.3	2.8/2.9	3.2/4.3	3.8/4.7	4.8/5.2	5.0/4.9	5.1/5.0	5.3/4.9	5.2/5.0	5.3/5.2	5.4/5.4	5.4/5.3	5.3/5.4
WJF	0.10	2.0/2.0	2.1/2.0	2.6/2.5	2.9/3.6	3.5/3.6	4.4/4.6	4.3/4.6	5.0/7.5	5.6/7.6	6.2/7.5	6.3/7.5	6.5/7.5	6.9/7.6	7.6/7.6	7.5/7.6
YKM	0.24	1.7/2.0	1.8/2.6	1.7/2.0	1.9/1.8	2.0/1.9	2.3/2.1	2.5/2.9	3.2/4.8	3.6/5.1	3.3/5.4	3.5/5.6	3.6/5.9	4.0/6.2	3.6/6.5	3.9/6.8
YNG	0.01	4.2/4.5	5.4/3.6	6.6/4.4	7.3/6.3	7.2/6.7	7.8/7.4	8.5/8.3	8.5/10.6	8.3/10.9	9.0/11.3	9.6/11.5	9.3/11.8	10.0/12.1	10.5/12.4	11.2/12.7
YQB	0.61	3.7/0.0	3.7/0.0	3.9/0.0	3.7/0.0	3.6/0.0	4.1/0.0	4.4/0.0	5.2/12.6	5.6/13.0	5.7/13.3	5.3/13.6	5.1/14.0	5.4/14.3	5.3/14.6	5.4/15.0
YUL	0.52	3.3/0.0	3.9/0.0	4.1/0.0	4.3/0.0	4.7/0.0	5.7/0.0	6.0/0.0	6.7/14.3	7.1/14.6	7.3/15.0	7.4/15.3	7.4/15.6	7.7/16.0	8.0/16.3	8.1/16.6
YVR	0.23	3.0/0.0	2.8/0.0	2.5/0.0	2.9/0.0	3.1/0.0	3.2/0.0	3.3/0.0	3.4/3.9	3.3/4.0	3.2/4.0	3.1/4.1	3.2/4.2	3.1/4.2	3.1/4.3	3.1/4.4
YXD	0.52	3.1/0.0	3.6/0.0	4.0/0.0	4.6/0.0	5.4/0.0	5.8/0.0	6.0/0.0	6.4/10.9	6.0/11.2	5.6/11.6	5.5/11.9	5.6/12.3	5.0/12.6	6.1/12.9	6.5/13.2
YYC	0.39	3.0/0.0	2.9/0.0	2.7/0.0	4.0/0.0	5.4/0.0	6.0/0.0	7.0/0.0	7.4/12.8	7.1/13.1	7.3/13.3	7.9/13.5	8.8/13.8	9.0/14.0	9.3/14.2	9.9/14.4
YYZ	0.31	5.4/0.0	6.3/0.0	7.0/0.0	6.8/0.0	6.8/0.0	7.1/0.0	7.6/0.0	7.9/12.5	8.3/12.8	9.3/13.1	9.4/13.5	9.4/13.8	9.9/14.1	10.4/14.4	10.5/14.7

Bias (2010-03-01~2010-03-31)

	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	-3.35	-0.3/-2.9	-0.1/-3.8	-0.3/-3.8	0.0/-3.2	-0.7/-3.3	-1.0/-4.0	-1.6/-5.5	-3.5/-9.8	-4.4/-10.2	-5.6/-10.6	-6.2/-10.9	-5.9/-11.3	-6.3/-11.7	-6.8/-12.0	-7.3/-12.4
ABI	-1.18	0.5/-0.1	0.5/-0.5	0.1/-0.6	-1.0/-1.2	-0.3/-0.9	-0.7/-1.2	-0.9/-1.1	-0.3/-0.2	-1.0/-0.5	-0.8/-0.8	-1.4/-1.1	-2.7/-1.4	-3.1/-1.6	-3.0/-1.9	-3.5/-2.2
ABQ	1.27	0.3/-1.5	0.5/-1.6	0.9/-1.6	1.1/-0.3	1.2/-0.4	1.4/0.5	1.5/-0.1	1.9/1.4	1.9/1.1	2.5/0.8	1.8/0.6	1.2/0.3	1.1/0.1	1.0/-0.2	0.6/-0.5
ABY	-0.39	-0.3/-0.7	0.1/-0.9	0.2/0.1	0.0/0.5	-0.2/1.5	-0.6/2.3	-0.7/0.8	-0.7/2.5	-0.2/2.2	-0.1/1.9	-0.5/1.7	-0.4/1.4	-0.5/1.2	-1.0/0.9	-1.0/0.6
ACT	-1.36	0.3/-1.2	0.5/-1.2	0.2/-1.4	-0.1/-1.9	-0.0/-0.8	-0.4/-1.8	-1.4/-1.2	-0.8/-0.3	-1.4/-0.6	-1.5/-0.8	-1.8/-1.1	-2.9/-1.4	-3.2/-1.7	-3.7/-1.9	-4.3/-2.2
ACY	-1.90	0.1/-1.3	0.5/-1.3	0.6/-1.9	0.8/-2.0	0.3/-3.2	-0.2/-4.7	-0.6/-4.8	-2.2/-7.4	-2.9/-7.7	-3.5/-8.0	-4.0/-8.3	-3.9/-8.5	-4.1/-8.8	-4.5/-9.1	-4.8/-9.4
ALB	-3.59	-0.4/-0.5	-0.7/-2.3	-1.1/-2.3	-1.4/-1.7	-2.1/-2.7	-2.2/-2.9	-2.6/-3.9	-4.1/-8.9	-4.4/-9.3	-5.8/-9.7	-6.4/-10.1	-5.6/-10.4	-5.2/-10.8	-5.6/-11.2	-6.2/-11.5
ALW	-0.42	-0.2/-0.4	-0.3/-1.5	-0.4/-1.9	-0.5/-1.6	-0.8/-2.0	-0.6/-1.2	-0.3/-1.6	-0.6/-4.1	-0.1/-4.4	-0.5/-4.7	-0.9/-5.1	-0.7/-5.4	-0.3/-5.7	-0.2/-6.0	0.1/-6.3
AOO	-4.08	-0.2/-1.9	-0.6/-1.9	-0.3/-2.9	-0.0/-1.7	-0.5/-2.2	-1.1/-3.4	-2.4/-4.7	-4.4/-7.1	-5.7/-7.4	-6.3/-7.8	-7.3/-8.1	-7.3/-8.5	-7.8/-8.8	-8.4/-9.1	-8.8/-9.5
APN	-3.20	0.1/-0.3	0.3/-0.8	0.2/-1.2	-0.6/-2.5	-0.9/-5.7	-1.1/-5.8	-2.7/-6.3	-3.5/-13.5	-3.9/-13.8	-5.2/-14.2	-5.9/-14.5	-5.7/-14.8	-5.8/-15.2	-6.5/-15.5	-6.9/-15.8
ATL	0.19	0.2/-0.5	0.3/0.0	0.8/0.8	0.5/0.6	0.8/2.3	0.7/2.9	0.4/1.8	0.6/2.6	1.2/2.4	0.2/2.1	-0.4/1.8	-0.1/1.5	-0.5/1.2	-0.8/0.9	-1.1/0.6
AUG	-1.63	-0.3/-1.1	-0.1/-2.9	-0.4/-3.2	-0.1/-4.0	-0.2/-4.7	-0.4/-5.1	-0.6/-6.0	-1.8/-9.5	-2.0/-9.8	-2.7/-10.2	-3.5/-10.5	-3.0/-10.8	-2.9/-11.1	-2.9/-11.5	-3.4/-11.8
AUS	-0.49	0.4/-0.6	0.5/-0.2	0.5/0.5	0.7/-0.3	0.1/0.0	-0.1/-1.2	-0.8/-1.2	-0.4/1.0	0.0/0.7	-0.6/0.5	-0.7/0.3	-1.3/0.0	-1.8/-0.2	-1.9/-0.4	-2.0/-0.6
AVP	-3.70	-0.3/-2.4	-0.6/-2.6	-0.7/-3.0	-0.3/-2.6	-0.9/-3.2	-1.3/-3.6	-2.0/-4.7	-4.1/-8.0	-5.4/-8.3	-6.0/-8.7	-6.6/-9.1	-6.3/-9.5	-6.4/-9.8	-7.1/-10.2	-7.6/-10.5
BDL	-2.49	-0.1/-2.3	0.4/-2.7	0.6/-2.5	0.4/-4.4	-0.1/-4.7	-0.3/-4.8	-1.2/-6.0	-2.9/-9.8	-3.5/-10.2	-5.0/-10.5	-5.3/-10.9	-4.7/-11.3	-4.6/-11.6	-5.2/-12.0	-5.9/-12.3
BFL	-0.06	0.6/-0.9	0.6/0.7	1.0/-0.4	0.8/1.4	0.8/1.5	1.2/1.5	0.8/1.8	0.5/-1.3	0.5/-1.5	-0.3/-1.6	-0.9/-1.7	-1.2/-1.9	-1.1/-2.0	-1.6/-2.2	-2.5/-2.3
BGM	-3.95	-0.2/-2.8	-0.6/-2.8	-0.6/-3.8	-0.6/-3.4	-1.5/-4.2	-2.0/-5.1	-2.6/-5.9	-4.1/-10.7	-4.9/-11.1	-6.8/-11.5	-7.0/-11.8	-6.6/-12.2	-6.7/-12.5	-7.1/-12.9	-7.9/-13.2
BHM	0.50	0.2/-0.0	0.5/1.0	1.0/1.0	0.8/1.5	0.7/3.8	0.7/3.3	0.8/2.2	0.5/3.3	1.5/3.0	0.5/2.7	0.6/2.5	0.4/2.2	0.1/1.9	-0.4/1.6	-0.4/1.3
BIS	-0.99	-0.9/1.9	-0.7/4.5	-0.4/4.1	-0.3/4.3	-0.8/4.1	-1.5/2.6	-1.5/2.3	-1.6/-4.8	-1.9/-5.2	-0.2/-5.6	-1.2/-6.1	-1.0/-6.5	-0.8/-6.9	-0.9/-7.3	-1.3/-7.6
BNA	-0.60	-0.2/1.5	0.2/1.3	-0.2/0.9	-0.4/1.6	-0.4/1.4	-0.8/1.6	-0.1/0.8	-0.8/-0.3	0.5/-0.6	-0.3/-1.0	-0.2/-1.3	-0.8/-1.6	-1.3/-1.9	-1.8/-2.3	-2.3/-2.6
BOI	1.18	0.5/-0.5	0.4/-0.8	0.7/-0.9	0.8/-0.1	0.8/-1.1	0.9/0.2	1.2/0.4	0.9/-3.1	1.0/-3.4	2.4/-3.7	1.7/-4.0	1.9/-4.3	1.8/-4.6	1.3/-5.0	1.3/-5.3
BOS	-0.68	-0.1/1.1	0.2/-1.5	0.5/-0.9	0.7/-2.0	0.6/-2.5	0.3/-1.9	0.1/-4.2	-1.1/-6.0	-1.3/-6.3	-1.3/-6.5	-1.8/-6.8	-1.6/-7.1	-1.5/-7.4	-1.7/-7.6	-2.2/-7.9
BRO	-1.68	-0.1/-1.4	-0.4/-1.9	-0.6/-1.4	-0.9/-1.8	-1.4/-2.0	-1.9/-1.6	-2.2/-1.0	-2.4/-0.9	-2.5/-1.1	-2.7/-1.3	-2.1/-1.5	-1.8/-1.7	-1.9/-1.9	-2.2/-2.1	-1.9/-2.3
BTV	-1.38	0.4/-2.0	0.3/-2.2	0.6/-2.3	0.6/-2.3	0.1/-3.0	-0.1/-4.0	-0.4/-4.3	-1.5/-10.4	-2.0/-10.8	-3.2/-11.2	-3.8/-11.6	-3.3/-12.0	-2.7/-12.4	-2.7/-12.8	-3.1/-13.1
BUF	-2.93	-0.7/1.0	-1.1/0.7	-1.3/1.3	-1.6/1.2	-2.0/0.5	-1.7/0.1	-2.0/-1.1	-2.7/-5.1	-3.2/-5.4	-4.7/-5.8	-4.7/-6.1	-4.4/-6.5	-4.3/-6.8	-4.7/-7.2	-4.9/-7.5
BUR	-0.49	-0.1/-1.3	-0.5/-0.7	0.0/0.3	0.5/-0.5	0.4/0.2	0.6/-1.0	0.3/-0.9	-0.0/-0.6	-0.3/-0.6	-1.2/-0.7	-0.4/-0.7	-1.2/-0.7	-1.7/-0.8	-1.6/-0.8	-2.2/-0.8
BWI	-2.13	0.2/-0.8	0.4/-1.1	0.7/-1.4	0.9/-1.4	0.3/-1.6	-0.1/-2.6	-0.7/-4.2	-2.1/-6.6	-2.8/-7.0	-3.7/-7.3	-4.5/-7.6	-4.5/-8.0	-4.8/-8.3	-5.4/-8.6	-5.8/-9.0
CAE	-0.01	0.3/-0.5	0.5/0.3	0.6/0.5	0.5/0.1	0.2/0.1	-0.2/0.5	-0.7/-1.3	-0.4/-0.3	0.6/-0.6	0.6/-0.9	-0.6/-1.2	0.3/-1.5	-0.1/-1.7	-0.8/-2.0	-1.0/-2.3
CHA	0.07	-0.0/0.5	0.4/1.3	0.8/2.3	0.3/2.7	0.5/3.0	0.1/2.3	0.1/2.3	-0.3/1.3	1.0/1.0	0.2/0.6	0.2/0.3	-0.1/0.0	-0.3/-0.3	-0.8/-0.6	-1.0/-0.9
CLE	0.65	1.3/-3.1	1.5/-3.3	2.6/-2.6	2.4/-2.9	2.4/-3.6	2.6/-4.3	2.0/-4.7	0.6/-7.6	0.6/-8.0	-0.4/-8.4	-0.7/-8.7	-0.7/-9.1	-0.9/-9.5	-1.6/-9.8	-2.1/-10.2
CLT	0.03	0.3/-0.6	0.4/-1.0	0.8/-0.6	0.9/-1.2	0.7/-1.7	0.4/-1.4	-0.0/-2.1	0.0/-1.4	0.9/-1.7	0.3/-2.0	-0.7/-2.3	-0.5/-2.5	-0.4/-2.8	-1.1/-3.1	-1.7/-3.4
CMH	-2.12	-0.6/-0.8	-0.7/-1.3	0.1/-0.8	-0.1/-0.7	-0.4/-1.2	-0.5/-2.9	-0.9/-3.6	-2.2/-5.4	-2.1/-5.8	-2.9/-6.3	-3.5/-6.6	-3.7/-7.1	-4.1/-7.5	-5.0/-7.8	-5.4/-8.3
CON	-2.63	-1.2/-1.0	-1.4/-2.9	-1.2/-2.8	-0.9/-2.6	-1.0/-3.6	-1.4/-3.6	-1.8/-4.9	-3.3/-9.6	-3.6/-10.0	-4.3/-10.4	-4.5/-10.7	-3.3/-11.1	-3.7/-11.4	-3.7/-11.7	-4.1/-12.1
COS	-4.13	-0.6/-2.2	-1.4/-3.1	-1.7/-3.5	-1.7/-2.8	-1.9/-2.3	-2.3/-2.7	-2.5/-1.6	-4.1/-3.6	-4.3/-3.8	-4.6/-4.1	-5.4/-4.3	-7.1/-4.5	-8.6/-4.7	-7.8/-4.9	-8.2/-5.2
COU	-2.82	-0.1/-0.5	0.0/0.2	-0.1/-0.6	-0.8/-0.9	-0.9/-1.4	-1.3/-1.1	-2.4/-1.6	-2.6/-3.1	-3.5/-3.5	-3.9/-3.9	-4.3/-4.3	-4.5/-4.6	-5.6/-5.0	-6.4/-5.4	-6.0/-5.8
CQT	-0.30	0.1/-0.9	0.1/-1.4	0.7/-1.2	1.0/-0.8	1.0/-1.2	1.1/-2.4	1.3/-2.2	0.9/-2.9	0.3/-2.9	-0.7/-2.9	-0.9/-2.9	-1.7/-2.9	-2.4/-2.9	-2.4/-2.9	-2.7/-2.9
CRP	-1.44	-0.2/-0.5	-0.2/-0.8	-0.2/-0.6	-0.3/-1.2	-0.6/-0.7	-1.2/-1.8	-1.6/-0.8	-2.0/0.0	-1.8/-0.2	-2.0/-0.4	-1.6/-0.5	-2.2/-0.8	-2.3/-1.0	-2.7/-1.2	-2.7/-1.4
CRW	-2.64	0.0/0.0	0.3/-0.7	0.7/-0.5	0.5/-0.8	0.0/-1.7	-0.1/-1.7	-1.3/-1.8	-3.6/-3.2	-3.9/-3.5	-3.9/-3.8	-4.9/-4.2	-5.1/-4.5	-5.7/-4.9	-6.1/-5.2	-6.5/-5.5
CVG	-2.06	-0.5/-0.3	-0.5/-1.0	-0.3/-1.0	-0.7/-0.6	-1.0/-1.3	-1.2/-2.2	-1.0/-2.5	-2.2/-4.3	-1.9/-4.7	-3.2/-5.1	-2.8/-5.5	-3.3/-5.8	-3.4/-6.2	-4.3/-6.6	-4.8/-7.0
DAY	-1.24	-0.5/-0.7	-0.2/-1.2	0.5/-0.6	0.3/-1.1	0.2/-0.9	0.1/-2.6	-0.0/-3.3	-1.1/-6.3	-0.9/-6.6	-1.6/-7.0	-2.1/-7.5	-2.4/-7.8	-2.7/-8.2	-3.9/-8.6	-4.2/-9.0
DBQ	-3.63	-0.5/-1.4	-0.8/-1.4	-0.5/-0.6	-0.9/-1.5	-1.0/-2.2	-1.9/-2.7	-3.3/-4.2	-3.7/-10.0	-4.8/-10.4	-5.1/-10.9	-5.3/-11.3	-5.7/-11.8	-6.4/-12.2	-7.2/-12.7	-7.2/-13.1
DCA	-1.30	0.6/-2.5	0.8/-1.8	1.2/-3.2	1.2/-1.9	0.6/-2.4	0.4/-3.4	-0.4/-4.8	-1.4/-6.5	-1.8/-6.9	-2.6/-7.2	-3.1/-7.5	-3.3/-7.8	-3.4/-8.2	-4.1/-8.5	-4.5/-8.8
DEC	-1.25	0.5/-0.0	0.8/-0.0	1.0/1.0	1.3/-0.0	1.5/-0.5	0.9/-1.2	0.5/-1.9	-0.8/-4.8	-1.5/-5.3	-2.8/-5.7	-2.5/-6.1	-2.9/-6.5	-4.1/-7.0	-5.2/-7.4	-5.3/-7.8
DEN	-2.86	-0.2/-1.1	-0.5/-2.2	-0.6/-2.5	-0.3/-1.6	-0.4/-1.8	-0.9/-2.0	-0.9/-1.1	-2.2/-1.5	-2.7/-1.8	-2.8/-2.0	-4.6/-2.3	-6.4/-2.5	-7.0/-2.7	-6.5/-2.9	-6.8/-3.2
DFW	-1.27	0.6/-1.0	0.4/-1.2	-0.2/-1.6	-0.4/-1.2	-0.2/-0.2	-0.5/-1.5	-1.6/-1.4	-1.1/-0.5	-1.7/-0.8	-1.2/-1.0	-1.5/-1.3	-2.5/-1.6	-2.8/-1.9	-2.8/-2.1	-3.4/-2.4
DLH	-2.10	-0.2/-4.1	0.2/-1.9	0.6/-2.5	0.8/-3.8	-0.0/-5.8	-0.4/-7.3	-1.6/-9.0	-2.6/-15.1	-3.5/-15.5	-3.6/-15.8	-3.7/-16.2	-3.8/-16.5	-4.6/-16.9	-4.6/-17.2	-4.6/-17.5
DSM	-2.31	-0.2/-1.9	0.0/-0.8	0.4/-0.6	0.0/-0.4	0.4/-0.7	0.3/-1.0	-0.3/-2.0	-0.9/-5.6	-2.3/-6.1	-3.4/-6.5	-3.9/-7.0	-4.7/-7.5	-5.6/-7.9	-7.2/-8.4	-7.3/-8.8
DTW	-3.95	-1.1/-3.7	-1.1/-3.8	-1.2/-2.9	-1.5/-2.5	-1.3/-2.7	-1.9/-4.3	-2.4/-4.9	-3.9/-10.1	-4.4/-10.5	-6.7/-10.9	-6.3/-11.3	-6.2/-11.7	-6.5/-12.1	-7.1/-12.5	-7.7/-12.9
ELP	1.10	-0.1/-2.4	0.2/-1.7	0.3/-1.2	0.2/-1.8	0.3/-0.8	0.7/-0.4	1.2/0.2	1.7/-0.8	1.9/-1.0	2.3/-1.2	2.1/-1.5	1.8/-1.7	1.3/-1.9	1.4/-2.1	1.0/-2.4
ERI	-1.15	0.5/1.3	0.8/0.3	1.4/0.8	1.7/0.8	1.3/0.4	0.8/-1.0	0.9/-1.7	-0.3/-3.9	-1.1/-4.2	-3.4/-4.6	-3.7/-4.9	-3.5/-5.3	-3.7/-5.6	-4.2/-5.9	-4.7/-6.3
EUG	0.72	0.6/0.2	0.8/-0.3	0.2/-0.7	0.1/-0.6	0.0/-0.3	0.4/0.6	-0.0/0.1	0.2/-0.9	0.5/-1.1	0.2/-1.3	0.3/-1.5	1.0/-1.6	1.8/-1.8	2.3/-2.0	2.3/-2.2
EVV	-2.29	-0.1/-0.6	0.1/-1.3	-0.1/-1.3	-0.2/-0.8	-0.3/-1.1	-0.9/-1.8	-1.0/-2.4	-2.1/-4.3	-2.2/-4.6	-3.4/-5.0	-3.7/-5.4	-3.9/-5.8	-4.7/-6.2	-5.7/-6.6	-6.1/-7.0
EWR	-2.01	-0.2/-1.3	0.4/-2.2	0.8/-1.6	0.6/-2.0	0.1/-3.4	-0.2/-3.5	-0.7/-4.5	-2.6/-8.8	-3.5/-9.1	-4.1/-9.5	-4.4/-9.8	-3.7/-10.1	-3.7/-10.5	-4.2/-10.8	-4.8/-11.1
FAR	-2.98	-0.6/0.2	-0.8/1.1	-1.2/0.9	-1.7/1.0	-2.1/-0.6	-3.2/-2.2	-3.4/-3.6	-3.7/-11.1	-4.5/-11.6	-4.2/-12.1	-3.8/-12.5	-3.8/-13.0	-3.9/-13.4	-3.8/-13.9	-4.1/-14.3
FAT	-1.51	-0.4/-0.6	-0.4/-0.8	-0.1/0.0	-0.3/0.8	-0.3/0.7	-0.0/1.7	-0.6/1.6	-1.0/-1.7	-0.9/-1.9	-2.0/-2.0	-2.7/-2.2	-3.1/-2.3	-3.1/-2.5	-3.4/-2.6	-4.3/-2.7
FLG	-0.35	0.1/0.0	0.2/0.0	0.3/-0.5	0.1/1.1	0.2/2.3	0.2/2.0	0.3/2.2	-0.3/0.3	-0.1/0.1	-0.4/-0.1	-1.0/-0.2	-1.0/-0.4	-1.4/-0.5	-1.0/-0.7	-1.5/-0.9
FMY	0.62	0.1/2.0	0.3/2.6	0.4/2.7	0.2/2.8	-0.0/3.9	-0.3/4.2	-0.5/4.5	-0.3/6.7	-0.2/6.5	0.2/6.4	1.2/6.3	1.5/6.1	2.0/6.0	2.4/5.8	2.3/5.7
FSD	-2.91	-1.0/-1.0	-1.1/-0.2	-1.0/0.1	-1.2/1.0	-1.1/1.2	-1.9/0.8	-2.3/-0.1	-2.4/-5.4	-3.0/-5.8	-2.3/-6.3	-4.1/-6.7	-4.6/-7.1	-5.2/-7.6	-5.9/-8.0	-6.4/-8.4
FWA	-2.12	-0.3/-3.0	0.1/-3.4	0.3/-2.1	0.5/-2.4	0.5/-2.1	0.3/-3.9	-0.1/-4.8	-1.3/-9.5	-1.5/-9.9	-3.9/-10.3	-4.6/-10.7	-4.7/-11.2	-5.1/-11.6	-5.9/-12.0	-6.1/-12.5

GAD	-1.71	-3.1/2.0	-3.5/2.8	-3.9/3.1	-3.7/3.9	-3.4/5.2	-2.9/5.7	-3.6/5.0	-1.7/6.1	-1.5/5.8	-0.1/5.5	0.6/5.2	0.6/4.9	0.4/4.6	-0.1/4.3	0.3/3.9
GEG	0.08	-0.1/0.6	0.1/0.6	0.1/-0.1	-0.0/-0.2	0.0/-0.6	0.1/0.6	-0.2/0.4	-0.3/-4.4	-0.4/-4.7	0.4/-5.0	0.0/-5.4	0.2/-5.7	0.5/-6.0	0.3/-6.3	0.6/-6.6
GTF	-2.24	0.8/-1.7	1.1/-1.8	1.7/-2.0	1.9/-2.4	1.2/-4.1	0.3/-4.7	-0.4/-5.2	-1.4/-11.2	-1.9/-11.5	-2.9/-11.8	-5.1/-12.0	-6.5/-12.3	-6.9/-12.5	-7.4/-12.8	-8.1/-13.1
HOU	-0.42	0.2/-1.1	0.0/-0.2	0.3/-0.3	0.4/0.5	-0.0/0.7	0.0/-0.4	-0.4/-0.3	-0.3/2.8	-0.3/2.5	-0.4/2.3	-0.6/2.1	-1.0/1.9	-1.4/1.6	-1.3/1.4	-1.7/1.2
HSV	0.54	0.3/-0.4	0.7/0.0	1.1/1.3	0.6/1.1	0.6/2.7	0.4/1.7	0.9/1.5	0.5/1.2	1.8/0.8	0.7/0.5	0.7/0.2	0.6/-0.1	0.2/-0.4	-0.4/-0.7	-0.5/-1.0
IAH	-0.14	0.6/-0.6	0.7/-0.5	0.7/-0.1	0.7/0.1	0.4/-0.1	0.3/-1.2	-0.3/-0.8	-0.0/1.6	0.1/1.4	-0.1/1.2	-0.3/0.9	-0.8/0.7	-1.4/0.5	-1.3/0.2	-1.5/0.0
ICT	-0.78	-0.2/-1.1	-0.1/-1.7	0.1/-1.0	-0.1/-1.6	-0.6/-2.2	-0.9/-1.3	-0.8/-0.8	-0.7/-2.6	-1.4/-3.0	-0.4/-3.3	0.3/-3.6	-1.1/-4.0	-1.7/-4.4	-1.9/-4.7	-2.0/-5.0
ILG	-2.68	-0.5/-3.1	-0.9/-2.0	-0.8/-4.0	-1.2/-2.6	-1.5/-3.2	-1.9/-3.6	-2.7/-5.3	-3.6/-8.0	-4.4/-8.3	-5.3/-8.6	-2.9/-9.0	-3.0/-9.4	-3.2/-9.7	-3.8/-10.0	-4.4/-10.4
IND	-3.20	-1.4/-2.1	-1.2/-2.6	-1.2/-1.8	-1.2/-2.0	-1.3/-2.8	-2.3/-3.3	-2.8/-4.7	-3.3/-7.4	-3.1/-7.8	-4.0/-8.2	-4.2/-8.6	-4.4/-9.0	-5.2/-9.4	-6.1/-9.8	-6.2/-10.2
IPT	-2.72	-0.1/-4.1	0.2/-4.7	0.7/-5.1	0.8/-5.1	0.4/-5.6	0.0/-5.8	-0.1/-7.3	-1.8/-12.3	-2.5/-12.7	-5.0/-13.1	-6.1/-13.5	-5.9/-13.9	-6.5/-14.2	-7.1/-14.6	-7.8/-15.0
JAN	-1.03	0.1/-0.7	0.1/-1.6	0.0/-0.9	-0.2/-1.1	-0.4/0.2	-0.7/0.8	-0.9/-1.3	-0.9/0.8	-0.7/0.5	-1.1/0.3	-1.6/0.0	-1.9/-0.3	-2.4/-0.5	-2.4/-0.8	-2.5/-1.1
JAX	0.02	0.1/-0.8	0.3/-0.7	0.4/-0.4	0.3/0.9	0.3/-0.8	0.2/1.2	-0.5/0.2	-0.3/3.1	-0.2/2.8	0.2/2.6	-0.2/2.4	-0.3/2.2	0.1/2.0	0.0/1.8	-0.1/1.5
JFK	-2.34	-0.1/-3.8	-0.0/-4.1	0.0/-3.6	0.1/-3.5	0.1/-3.6	-0.5/-4.5	-1.1/-5.3	-2.9/-8.0	-3.7/-8.3	-3.7/-8.5	-4.8/-8.8	-4.0/-9.1	-4.3/-9.4	-4.9/-9.7	-5.4/-10.0
LAN	-3.73	-0.7/-2.1	-0.5/-0.9	-0.6/-0.5	-0.6/-2.1	-1.0/-2.5	-1.6/-3.5	-2.4/-4.9	-3.3/-10.1	-3.7/-10.5	-6.1/-10.9	-6.6/-11.3	-6.7/-11.7	-7.0/-12.1	-7.5/-12.5	-7.8/-12.9
LAS	0.93	0.4/0.5	0.3/0.4	0.8/0.5	1.0/1.8	1.4/2.1	1.9/2.2	2.2/3.1	1.7/-0.1	1.4/-0.3	1.4/-0.5	0.6/-0.8	0.4/-1.0	0.1/-1.2	0.3/-1.4	0.1/-1.6
LAX	-0.48	-0.3/-1.0	-0.3/-0.3	-0.2/-0.6	-0.1/-0.8	-0.1/-0.8	-0.2/-1.3	-0.2/-1.3	-0.1/-2.4	-0.1/-2.4	-0.5/-2.4	-0.6/-2.3	-0.8/-2.3	-1.1/-2.3	-1.1/-2.2	-1.4/-2.2
LEX	-2.05	0.0/-0.6	0.3/-0.3	0.4/-1.1	0.2/-1.1	-0.1/-2.1	-0.7/-1.7	-0.5/-2.0	-2.4/-3.3	-2.5/-3.6	-2.9/-4.0	-3.3/-4.3	-4.0/-4.7	-4.3/-5.0	-5.3/-5.4	-5.7/-5.7
LFK	-0.10	0.6/-1.0	0.9/-1.4	1.0/-0.9	0.8/-0.5	0.8/0.6	0.7/-0.6	-0.2/-2.2	0.4/1.3	0.3/1.0	-0.1/0.8	-0.2/0.6	-1.0/0.3	-1.7/0.1	-1.8/-0.2	-2.2/-0.4
LGA	-1.75	-0.2/-1.5	0.4/-2.8	0.7/-2.6	0.8/-2.2	0.3/-2.7	-0.3/-3.0	-0.7/-3.9	-2.3/-7.3	-3.2/-7.6	-3.7/-7.9	-3.9/-8.2	-3.2/-8.5	-3.1/-8.8	-3.6/-9.1	-4.3/-9.4
LGB	0.21	-0.0/-0.4	0.1/0.3	0.8/0.4	1.0/0.2	1.3/-0.0	1.2/-0.5	0.9/-0.7	0.6/-1.4	0.2/-1.4	-0.3/-1.5	0.3/-1.5	-0.4/-1.5	-0.8/-1.5	-0.5/-1.5	-1.1/-1.5
LIT	-2.09	-0.1/-2.2	-0.4/-2.5	-0.9/-1.2	-1.4/-2.5	-1.5/-2.2	-1.7/-1.9	-1.7/-2.4	-1.2/-3.2	-1.8/-3.5	-2.3/-3.8	-2.3/-4.1	-3.0/-4.4	-4.2/-4.7	-4.3/-5.0	-4.5/-5.3
LNS	-3.41	-0.4/-3.4	-0.3/-4.0	-0.2/-4.2	-0.1/-3.5	-0.7/-3.6	-1.2/-4.7	-1.8/-5.7	-3.6/-15.8	-4.3/-16.3	-5.4/-16.6	-6.3/-17.0	-6.0/-17.5	-6.4/-17.8	-7.0/-18.2	-7.6/-18.6
MAF	-1.25	0.2/-2.1	0.4/-2.4	0.1/-2.6	-0.6/-4.1	-0.5/-3.7	-0.8/-2.8	-1.1/-3.3	-0.7/-1.3	-1.1/-1.6	-1.3/-1.9	-1.3/-2.1	-2.3/-2.4	-3.3/-2.6	-2.9/-2.9	-3.6/-3.2
MBA	-0.69	-0.3/0.3	-0.0/-0.6	0.4/-1.2	0.8/-1.8	0.7/-3.2	0.5/-2.6	0.2/-4.5	-1.4/-7.6	-1.6/-8.0	-2.0/-8.3	-2.0/-8.6	-1.1/-8.9	-1.2/-9.3	-1.4/-9.6	-2.0/-9.9
MCI	-1.61	-0.3/-0.0	-0.6/0.0	-0.6/-0.5	-0.3/-1.6	-0.2/-1.3	-0.4/-0.9	-1.2/-0.7	-1.0/-3.0	-1.9/-3.5	-1.5/-3.9	-2.0/-4.3	-2.6/-4.7	-3.6/-5.1	-4.2/-5.5	-4.0/-5.9
MCN	0.46	0.1/-0.1	0.7/-0.4	1.0/0.8	1.1/1.0	1.1/2.2	0.8/2.7	0.5/1.6	0.4/1.8	1.3/1.5	0.5/1.3	-0.2/1.0	0.3/0.8	0.1/0.5	-0.3/0.2	-0.5/-0.0
MCO	0.32	0.1/1.6	0.6/2.0	0.6/2.3	0.7/2.6	0.4/2.0	0.3/3.8	0.1/3.8	0.2/6.4	0.1/6.2	0.6/6.0	0.0/5.8	-0.3/5.6	0.3/5.5	0.7/5.3	0.4/5.1
MDT	-3.38	-0.1/-2.5	-0.3/-3.4	0.0/-3.7	0.3/-3.1	-0.1/-3.7	-0.8/-4.7	-1.5/-6.1	-3.5/-8.9	-4.9/-9.3	-5.5/-9.6	-6.3/-10.0	-6.3/-10.4	-6.8/-10.7	-7.2/-11.1	-7.6/-11.4
MEM	-0.39	0.3/-0.4	0.8/-0.2	0.3/-0.5	-0.4/-0.8	-0.6/-0.2	-0.7/-0.6	-0.1/-0.5	0.3/-1.3	0.9/-1.6	-0.2/-1.9	0.1/-2.2	-0.3/-2.5	-1.7/-2.9	-2.2/-3.2	-2.4/-3.5
MHT	-2.09	-1.1/0.1	-1.1/-0.8	-0.9/-0.7	-0.4/-2.1	-0.5/-3.0	-1.1/-3.0	-1.3/-4.1	-3.0/-9.0	-3.0/-9.4	-3.5/-9.7	-3.6/-10.0	-2.6/-10.3	-2.9/-10.6	-2.9/-10.9	-3.5/-11.2
MIA	-0.29	-0.2/-0.5	-0.2/0.5	-0.2/0.5	-0.2/0.5	-0.5/1.0	-0.5/2.1	-0.5/2.5	-0.7/3.8	-0.4/3.7	0.1/3.6	-0.5/3.5	-0.5/3.4	-0.1/3.3	0.3/3.2	-0.2/3.1
MKE	-3.09	-1.2/-0.7	-1.1/0.8	-1.2/0.4	-1.2/-1.1	-1.1/-1.0	-1.4/-1.8	-2.3/-2.4	-2.6/-7.4	-3.0/-7.7	-4.6/-8.1	-4.7/-8.5	-4.8/-8.8	-5.3/-9.2	-5.8/-9.5	-6.0/-9.9
MOB	-0.48	0.4/-1.0	0.7/-1.2	0.6/-0.3	0.7/-0.2	0.1/1.1	0.1/1.3	-0.1/0.1	-0.4/2.5	-0.3/2.3	-0.8/2.1	-1.1/1.8	-1.2/1.6	-1.6/1.4	-2.0/1.1	-2.1/0.9
MSP	-2.67	-0.4/-2.2	-0.3/-2.2	-0.6/-2.1	-0.7/-2.5	-0.8/-3.0	-0.9/-4.1	-1.8/-5.5	-2.2/-12.8	-3.2/-13.2	-4.0/-13.7	-4.3/-14.1	-4.7/-14.5	-5.0/-14.9	-5.5/-15.4	-5.6/-15.8
MSY	-0.79	-0.2/-1.7	-0.2/-1.7	-0.3/-1.5	-0.4/-1.6	-0.6/-0.6	-0.8/0.3	-0.8/-0.2	-0.8/2.8	-0.7/2.6	-0.4/2.4	-1.2/2.1	-1.2/1.9	-1.3/1.7	-1.4/1.4	-1.5/1.2
MWL	-2.28	0.6/-1.1	0.4/-1.0	-0.1/-1.5	-1.0/-2.2	-0.8/-1.5	-1.5/-2.1	-2.4/-2.8	-2.0/2.0	-2.5/1.7	-2.4/1.4	-2.9/1.1	-4.2/0.8	-4.6/0.5	-5.2/0.2	-5.7/-0.1
NKX	-2.06	-1.0/0.6	-1.4/0.8	-1.6/0.7	-2.0/1.0	-2.1/1.0	-2.4/0.4	-2.7/0.5	-2.8/0.0	-2.7/0.0	-2.8/0.0	-2.1/0.0	-2.0/0.0	-2.0/0.0	-1.5/0.0	-1.8/0.0
NTU	-1.15	-0.6/-1.4	-0.9/-1.1	-1.1/-3.0	-1.2/-2.6	-1.7/-2.0	-2.1/-3.2	-2.3/-4.8	-2.3/-3.5	-2.5/-3.7	-2.0/-4.0	-0.3/-4.2	-0.4/-4.4	0.2/-4.6	0.1/-4.9	-0.2/-5.1
OAK	-2.22	-0.6/-0.5	-0.8/-0.1	-1.0/-0.4	-1.2/-0.5	-1.4/-0.5	-1.6/0.4	-2.0/0.5	-2.4/0.4	-2.6/0.4	-3.2/0.3	-3.2/0.2	-3.2/0.2	-3.3/0.2	-3.3/0.1	-3.6/0.1
OKC	0.07	0.4/0.7	0.1/0.8	-0.5/-0.1	-0.5/0.3	0.0/0.3	-0.4/0.4	0.0/1.2	0.3/0.1	0.4/-0.3	1.4/-0.6	1.4/-0.9	0.4/-1.2	-0.4/-1.5	-0.7/-1.8	-1.1/-2.1
OMA	-2.38	-0.3/-0.1	-0.6/0.3	-1.0/0.2	-1.0/1.1	-0.9/1.1	-1.5/0.7	-2.4/-0.3	-2.4/-2.6	-3.4/-3.1	-2.5/-3.5	-2.8/-4.0	-3.3/-4.4	-4.0/-4.8	-4.8/-5.3	-4.6/-5.7
ORD	-1.97	-0.7/-1.0	-0.5/0.3	-0.3/-0.6	-0.5/-0.8	-0.1/-1.1	-0.7/-1.7	-1.2/-2.7	-1.4/-7.2	-2.0/-7.6	-2.9/-8.0	-2.8/-8.4	-3.3/-8.8	-3.8/-9.2	-4.7/-9.6	-4.7/-10.0
ORH	-2.77	-1.3/0.5	-1.4/-0.8	-1.4/-0.9	-1.2/-1.9	-1.3/-2.6	-1.7/-2.4	-2.0/-3.8	-3.6/-7.7	-3.7/-8.1	-4.3/-8.4	-4.5/-8.7	-3.5/-9.0	-3.8/-9.4	-3.7/-9.7	-4.2/-10.0
PDT	0.32	0.2/-1.5	-0.1/-1.9	-0.1/-2.6	-0.1/-2.4	0.0/-2.2	-0.1/-1.8	0.3/-1.5	0.0/-4.9	0.3/-5.2	0.7/-5.5	0.4/-5.8	0.7/-6.1	1.0/-6.4	0.8/-6.6	0.9/-6.9
PDX	0.43	0.1/0.8	0.1/0.5	-0.1/0.0	-0.5/-0.1	-0.3/-0.4	0.3/-0.2	-0.1/-1.3	-0.2/-2.4	0.6/-2.6	0.5/-2.8	0.6/-3.0	1.1/-3.2	1.4/-3.3	1.5/-3.5	1.4/-3.7
PHL	-2.51	-0.2/-1.3	-0.0/-1.5	-0.0/-1.9	0.1/-2.2	-0.5/-3.2	-0.8/-3.6	-1.4/-4.6	-2.9/-8.7	-3.7/-9.0	-4.5/-9.4	-4.4/-9.7	-4.2/-10.0	-4.6/-10.4	-5.1/-10.7	-5.4/-11.0
PHX	2.81	-0.0/1.1	0.2/1.4	0.6/1.7	1.2/2.8	1.4/3.5	2.2/3.2	2.9/3.5	3.1/-0.7	3.9/-0.9	5.4/-1.1	5.1/-1.3	4.4/-1.4	4.0/-1.6	4.0/-1.7	3.6/-1.9
PIR	-4.50	-2.4/2.2	-2.4/2.8	-2.9/3.0	-3.8/3.6	-4.8/2.8	-6.2/1.8	-6.1/2.0	-6.1/-3.0	-7.1/-3.4	-3.5/-3.7	-3.6/-4.1	-4.4/-4.5	-4.5/-4.8	-4.5/-5.2	-5.1/-5.6
PIT	-3.40	-0.0/-2.0	-0.3/-1.5	0.2/-1.3	-0.2/-1.7	-0.7/-2.1	-1.1/-4.0	-2.1/-4.6	-3.3/-6.9	-4.1/-7.4	-5.3/-7.7	-6.3/-8.1	-6.3/-8.5	-6.5/-8.9	-7.1/-9.3	-7.8/-9.6
PVD	-0.17	0.3/-0.1	1.1/-1.5	1.4/-2.0	1.7/-2.5	1.3/-3.6	1.2/-3.3	0.9/-4.7	-0.5/-8.0	-1.1/-8.4	-1.7/-8.7	-1.6/-9.0	-1.0/-9.3	-1.0/-9.6	-1.4/-9.9	-2.1/-10.2
PWM	0.38	0.2/-2.2	0.4/-2.5	0.8/-2.6	1.3/-3.3	1.5/-3.1	1.0/-3.7	1.1/-4.6	-0.1/-8.3	0.0/-8.6	-0.3/-8.9	-0.4/-9.2	0.5/-9.5	0.1/-9.7	0.1/-10.0	-0.6/-10.3
RAL	-1.16	-0.1/2.0	-0.2/2.9	0.2/3.2	0.5/4.5	-0.1/3.6	0.2/2.7	0.1/3.8	-0.8/1.6	-1.0/1.5	-2.0/1.5	-2.4/1.4	-2.6/1.4	-3.2/1.4	-3.0/1.3	-3.0/1.3
RAP	-2.90	-0.2/-0.0	-0.3/0.2	-0.5/0.0	-0.6/0.6	-1.3/-0.5	-2.3/-1.2	-2.5/-1.6	-2.3/-6.2	-3.6/-6.5	-3.0/-6.8	-4.5/-7.1	-4.6/-7.4	-5.2/-7.6	-6.0/-7.9	-6.5/-8.2
RBL	-1.57	-0.6/0.3	-0.8/0.2	-1.3/0.6	-1.1/0.7	-1.0/0.6	-1.0/0.7	-1.3/1.9	-1.4/-0.8	-1.9/-0.9	-2.6/-1.0	-2.4/-1.2	-2.2/-1.3	-1.9/-1.4	-1.9/-1.5	-2.1/-1.6
RDD	-0.75	-0.3/0.8	-0.3/1.4	-0.2/1.7	-0.1/1.3	0.2/2.4	0.2/2.1	-0.2/2.8	-0.4/-0.4	-1.1/-0.5	-1.5/-0.6	-1.6/-0.8	-1.5/-0.9	-1.3/-1.0	-1.3/-1.1	-1.7/-1.3
RDU	-0.90	-0.1/0.1	-0.1/-0.5	0.2/-0.5	0.0/-0.3	-0.1/-1.3	-0.5/-2.2	-0.9/-2.9	-1.1/-3.8	-0.2/-4.1	-0.8/-4.5	-1.7/-4.7	-1.6/-5.0	-1.5/-5.4	-2.2/-5.6	-2.8/-5.9
RIC	-2.23	-0.5/-0.8	-0.5/-1.1	-0.6/-1.5	-0.5/-1.7	-1.4/-2.4	-1.8/-3.0	-2.1/-4.7	-2.8/-6.8	-3.2/-7.1	-3.7/-7.5	-3.1/-7.8	-3.1/-8.1	-3.0/-8.4	-3.4/-8.7	-3.7/-9.1
RNO	-3.04	-1.2/-1.0	-1.7/-1.7	-1.6/-1.5	-2.1/-1.4	-1.6/-1.8	-1.3/-0.3	-2.2/0.2	-1.8/-2.8	-2.2/-3.0	-3.2/-3.2	-4.8/-3.3	-5.1/-3.5	-5.3/-3.7	-5.6/-3.9	-5.7/-4.0

ROA	-1.75	-0.2/0.5	-0.3/-0.5	0.1/-0.2	0.0/-0.9	-0.3/-1.3	-0.7/-1.8	-1.4/-2.5	-2.3/-4.3	-1.3/-4.6	-2.0/-4.9	-2.9/-5.3	-3.3/-5.6	-3.4/-5.9	-3.9/-6.2	-4.5/-6.5
ROC	-3.32	-0.9/-0.3	-0.7/-0.8	-0.7/-0.9	-0.7/-0.5	-1.5/-1.1	-1.6/-1.7	-2.1/-2.5	-3.3/-7.8	-4.0/-8.2	-5.7/-8.5	-5.8/-8.9	-5.4/-9.3	-5.5/-9.6	-5.7/-10.0	-6.3/-10.3
SAC	-1.46	-0.6/-0.8	-0.7/0.0	-0.7/0.7	-0.7/-0.0	-0.8/0.8	-1.0/1.7	-1.2/1.6	-1.5/-1.2	-1.8/-1.3	-2.4/-1.4	-2.4/-1.5	-2.0/-1.7	-1.9/-1.8	-2.1/-1.9	-2.2/-2.1
SAN	-0.39	-0.2/-0.5	-0.2/-0.9	0.1/-0.6	0.1/-0.5	0.1/-1.1	-0.0/-1.5	-0.1/-1.1	-0.3/-1.3	-0.4/-1.3	-0.7/-1.3	-0.6/-1.3	-0.6/-1.3	-1.0/-1.3	-0.9/-1.3	-1.2/-1.3
SAT	0.13	0.9/1.5	1.1/1.0	0.8/1.7	1.1/1.0	0.8/1.3	0.5/-0.4	0.5/-0.0	0.3/1.0	0.6/0.7	0.2/0.5	0.0/0.2	-0.8/-0.0	-1.2/-0.3	-1.3/-0.5	-1.5/-0.8
SAV	1.19	0.5/-0.5	1.0/-1.1	1.2/-0.0	1.3/0.9	1.5/1.1	1.4/2.0	0.7/-0.1	1.1/2.2	1.4/1.9	1.5/1.7	0.8/1.5	1.6/1.2	1.7/1.0	1.2/0.7	0.9/0.5
SDF	-2.66	0.0/-0.2	0.1/-0.9	-0.2/-1.1	-0.2/-0.8	-0.5/-2.0	-1.3/-2.4	-1.3/-2.1	-2.9/-4.5	-3.1/-4.8	-3.9/-5.2	-4.1/-5.5	-4.8/-5.9	-5.2/-6.3	-6.1/-6.6	-6.6/-7.0
SEA	0.70	-0.0/-0.4	0.1/-0.2	0.0/-0.4	-0.5/-1.1	-0.9/-1.1	-0.1/-0.9	-0.5/-1.5	-0.2/-2.4	-0.1/-2.5	1.8/-2.6	1.7/-2.8	2.2/-2.9	2.2/-3.0	2.5/-3.2	2.2/-3.3
SFO	-1.99	-0.6/-1.0	-0.7/-1.2	-0.7/-1.3	-0.8/-1.1	-0.9/-0.9	-1.1/-0.5	-1.6/-0.7	-2.0/-1.7	-2.0/-1.8	-2.9/-1.8	-3.3/-1.9	-3.1/-1.9	-3.3/-2.0	-3.2/-2.0	-3.7/-2.0
SJC	-2.03	-0.1/-0.5	-0.1/-0.4	-0.1/0.3	-0.2/-0.1	-0.3/0.1	-0.5/0.5	-0.9/0.5	-1.1/0.8	-1.7/0.6	-3.0/0.5	-4.5/0.4	-4.5/0.3	-4.3/0.2	-4.4/0.1	-4.8/-0.0
SJT	-1.18	0.8/-2.7	1.2/-3.0	0.8/-2.4	-0.0/-3.4	0.3/-3.6	-0.2/-3.4	-0.9/-4.0	-0.9/-3.0	-0.9/-3.2	-1.5/-3.5	-2.0/-3.7	-3.1/-4.0	-3.6/-4.3	-3.7/-4.5	-4.2/-4.8
SLC	0.03	-0.0/-0.6	-0.3/-0.8	-0.2/-0.8	0.2/-0.4	0.4/-0.6	1.1/-0.4	1.2/0.5	1.0/-2.2	1.0/-2.5	0.4/-2.9	-0.4/-3.2	-0.9/-3.5	-1.1/-3.8	-1.1/-4.2	-0.9/-4.5
SSI	-0.89	-0.4/-1.2	-0.5/-0.5	-0.7/0.7	-1.0/1.0	-0.9/0.7	-0.9/2.0	-1.5/0.7	-1.4/2.4	-1.6/2.2	-0.6/2.0	-0.8/1.8	-1.0/1.5	-0.8/1.3	-0.7/1.1	-0.7/0.9
STL	-2.59	-0.5/-2.5	-0.9/-1.8	-1.3/-1.6	-1.2/-2.1	-1.1/-3.0	-1.7/-3.4	-1.7/-4.3	-1.6/-6.2	-2.4/-6.6	-3.4/-7.0	-3.5/-7.4	-3.9/-7.7	-4.6/-8.1	-5.5/-8.5	-5.5/-8.9
SYR	-3.34	0.0/-1.6	-0.3/-2.1	-0.2/-1.8	-0.2/-1.4	-0.9/-2.8	-1.3/-3.0	-2.2/-3.5	-4.0/-8.6	-4.9/-9.0	-5.7/-9.3	-6.1/-9.7	-5.9/-10.0	-5.8/-10.4	-6.0/-10.7	-6.7/-11.1
TLH	-0.57	0.1/-0.9	0.4/-0.9	0.5/-0.5	0.2/1.1	-0.2/1.6	-0.3/2.5	-0.6/0.8	-1.3/3.6	-1.3/3.4	-1.1/3.1	-0.6/2.9	-0.7/2.7	-0.9/2.5	-1.3/2.2	-1.4/2.0
TPA	-0.57	0.1/-0.0	0.4/0.5	0.6/-0.0	0.7/1.8	0.0/1.4	-0.2/2.6	-0.5/2.7	-0.9/5.3	-0.9/5.1	-0.9/4.9	-1.4/4.8	-1.6/4.6	-1.1/4.5	-1.4/4.3	-1.4/4.1
TRM	1.06	-0.2/1.6	-0.2/1.9	0.1/2.3	0.4/2.7	0.6/2.7	1.6/2.7	1.8/3.5	1.7/2.1	1.8/1.9	2.1/1.7	1.6/1.6	1.6/1.4	1.0/1.2	1.2/1.0	0.8/0.9
TUL	-0.34	0.2/-0.4	0.3/-1.0	0.1/-1.0	-0.5/-1.4	0.1/-0.7	-0.0/-0.3	0.3/-1.0	0.7/-1.2	0.0/-1.5	0.1/-1.8	0.2/-2.1	-0.7/-2.5	-1.6/-2.8	-1.9/-3.1	-2.4/-3.4
TUS	0.78	0.1/0.8	0.3/1.1	0.5/1.0	0.8/2.0	0.8/2.9	1.0/2.3	1.7/2.1	1.7/-0.6	1.9/-0.8	2.3/-1.0	1.8/-1.1	0.4/-1.3	0.0/-1.5	-0.2/-1.7	-1.3/-1.8
TYR	-0.85	0.3/-1.5	0.7/-1.7	0.4/-0.7	-0.1/-1.0	0.1/-0.4	-0.1/-1.5	-0.8/-1.2	-0.1/3.6	-0.3/3.4	-0.8/3.1	-0.9/2.8	-2.1/2.5	-2.6/2.2	-2.9/1.9	-3.5/1.6
TYS	0.14	0.2/1.4	0.7/1.9	0.8/1.7	0.4/2.4	0.4/2.5	0.1/2.7	-0.1/2.2	-0.7/1.2	0.9/0.9	0.5/0.6	-0.1/0.3	0.1/0.0	0.2/-0.3	-0.7/-0.6	-0.7/-0.9
VCT	-0.73	0.4/-1.4	0.9/-0.9	0.8/-1.5	0.9/-1.2	0.4/-1.9	-0.1/-2.8	-0.5/-2.3	-0.6/-1.3	-0.3/-1.5	-1.2/-1.8	-1.6/-2.0	-1.8/-2.3	-2.4/-2.5	-2.8/-2.7	-3.2/-3.0
WJF	0.32	0.4/0.7	0.4/1.7	0.9/1.3	1.3/2.8	1.5/1.8	2.3/1.7	1.8/2.6	2.2/-1.5	1.3/-1.7	0.6/-1.9	-0.7/-2.0	-1.0/-2.2	-1.6/-2.3	-2.0/-2.4	-2.6/-2.5
YKM	0.30	-0.0/0.4	0.1/0.7	0.3/0.2	0.5/-0.1	0.3/-0.1	0.3/0.5	0.3/-0.2	0.5/-3.7	0.2/-4.1	0.2/-4.4	-0.1/-4.8	0.5/-5.1	0.6/-5.5	0.4/-5.8	0.4/-6.2
YNG	-4.35	-0.7/-4.4	-0.4/-3.2	0.1/-2.9	0.4/-4.7	-0.8/-4.9	-1.8/-5.5	-2.5/-6.5	-4.7/-9.5	-5.7/-9.9	-7.3/-10.3	-7.8/-10.7	-7.7/-11.0	-8.1/-11.4	-8.8/-11.8	-9.3/-12.1
YQB	-1.71	-1.2/0.0	-1.4/0.0	-1.9/0.0	-1.7/0.0	-2.6/0.0	-2.3/0.0	-2.5/0.0	-2.9/-11.5	-2.4/-11.9	-2.0/-12.3	-1.2/-12.7	-1.0/-13.1	-0.9/-13.5	-0.8/-13.9	-0.9/-14.3
YUL	-3.38	-0.6/0.0	-1.1/0.0	-1.5/0.0	-1.5/0.0	-2.3/0.0	-2.8/0.0	-3.0/0.0	-3.5/-13.4	-4.4/-13.8	-5.1/-14.2	-5.4/-14.6	-5.1/-15.0	-4.8/-15.4	-4.6/-15.7	-5.1/-16.1
YVR	-0.66	-0.6/0.0	-0.8/0.0	-0.9/0.0	-1.0/0.0	-1.1/0.0	-1.1/0.0	-1.1/0.0	-1.1/-3.1	-1.0/-3.2	-0.7/-3.3	-0.4/-3.5	-0.2/-3.6	0.1/-3.7	-0.0/-3.9	0.2/-4.0
YXD	-3.49	-1.9/0.0	-2.5/0.0	-3.0/0.0	-3.6/0.0	-4.4/0.0	-4.8/0.0	-4.8/0.0	-4.5/-10.5	-4.0/-10.9	-3.3/-11.3	-2.8/-11.7	-3.1/-12.0	-2.8/-12.4	-3.2/-12.7	-3.6/-13.1
YYC	-4.78	-2.0/0.0	-1.7/0.0	-1.2/0.0	-1.9/0.0	-3.2/0.0	-4.6/0.0	-4.9/0.0	-5.5/-12.2	-4.9/-12.5	-5.2/-12.7	-5.5/-13.0	-7.3/-13.3	-7.6/-13.5	-7.7/-13.8	-8.3/-14.0
YYZ	-4.72	-1.4/0.0	-1.6/0.0	-1.5/0.0	-1.9/0.0	-2.3/0.0	-2.6/0.0	-3.3/0.0	-4.9/-12.1	-5.3/-12.4	-7.6/-12.8	-7.3/-13.1	-7.1/-13.4	-7.5/-13.8	-8.2/-14.1	-8.3/-14.4

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 (2010-03-01~2010-03-31)

	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	0.33	3.1/0.0	2.6/3.5	2.6/3.6	2.8/4.0	3.3/4.6	3.3/4.8	4.3/6.4	5.2/8.8	5.6/9.1	5.8/9.4	6.2/9.6	6.6/9.9	6.5/10.1	7.0/10.3	7.9/--
ABI	0.16	2.3/0.0	2.0/2.9	2.4/3.4	2.9/3.7	3.2/4.1	3.5/4.5	4.2/4.1	4.9/7.1	5.6/7.0	6.1/7.1	6.8/7.1	6.7/7.0	6.8/7.0	6.7/7.1	6.7/--
ABQ	-0.01	2.0/0.0	2.1/2.6	2.1/2.6	2.5/2.8	2.7/3.0	3.1/3.6	3.3/3.3	3.8/3.6	4.0/3.7	4.0/3.7	4.4/3.7	4.7/3.8	4.2/3.9	4.5/4.0	4.2/--
ABY	0.16	1.9/0.0	2.0/2.5	2.5/2.9	2.9/2.5	2.8/3.2	3.2/3.9	3.6/3.9	3.8/5.4	4.1/5.5	3.6/5.4	4.0/5.3	4.5/5.3	4.7/5.3	5.2/5.3	5.3/--
ACT	0.12	2.1/0.0	2.5/2.7	2.9/2.9	2.9/3.5	3.0/3.4	3.4/4.3	3.7/4.8	3.9/6.1	4.8/5.9	5.0/6.0	5.6/6.0	5.8/5.9	6.0/5.9	6.2/6.1	6.0/--
ACY	0.36	2.4/0.0	2.1/2.9	2.2/3.5	2.7/3.3	3.1/3.2	2.9/3.5	3.4/5.1	4.1/7.8	4.5/8.0	4.4/8.3	4.5/8.5	4.4/8.7	4.5/8.9	5.2/9.2	6.3/--
ALB	0.50	2.6/0.0	2.4/3.6	2.7/4.2	2.5/4.4	2.9/5.5	3.1/5.5	3.6/6.0	4.1/10.6	4.7/10.9	5.0/11.3	4.9/11.6	5.2/11.9	5.1/12.2	5.5/12.5	6.1/--
ALW	0.13	1.8/0.0	1.8/2.6	1.8/2.7	2.1/3.1	1.9/3.0	2.4/3.1	3.1/3.8	3.1/3.8	3.8/3.8	4.5/3.9	4.2/3.9	3.8/4.0	3.9/3.9	3.9/3.9	4.0/--
AOO	0.24	2.5/0.0	2.6/2.7	2.6/3.2	2.9/3.8	2.7/3.9	3.4/4.7	4.4/5.1	5.2/7.8	5.3/8.0	5.6/8.2	6.2/8.4	6.3/8.5	6.5/8.8	6.9/9.0	7.5/--
APN	0.11	6.3/0.0	5.7/4.5	4.5/4.1	4.5/4.5	4.8/5.1	5.3/5.6	6.7/6.9	7.0/9.4	7.3/9.5	7.4/9.7	7.1/9.7	7.6/9.8	7.8/9.9	8.2/10.2	7.9/--
ATL	0.24	1.4/0.0	1.8/2.0	2.0/2.5	2.1/2.9	2.3/2.7	1.9/3.3	2.3/3.3	2.9/4.5	3.3/4.5	3.3/4.5	3.5/4.6	3.7/4.6	3.9/4.6	3.8/4.6	3.9/--
AUG	0.29	3.1/0.0	3.5/2.9	3.8/3.5	4.6/4.1	4.7/4.8	4.7/5.6	4.4/5.7	5.0/10.6	5.0/10.9	5.6/11.2	5.8/11.5	5.5/11.7	5.4/12.0	5.2/12.3	5.8/--
AUS	0.26	4.2/0.0	3.9/3.3	3.8/3.5	3.8/4.6	3.7/4.4	3.6/5.4	4.4/5.5	4.2/9.4	4.7/9.3	4.7/9.1	5.3/9.0	6.1/8.8	5.9/8.6	6.3/8.6	6.2/--
AVP	0.25	3.2/0.0	3.2/3.3	3.4/3.4	3.4/3.6	3.3/4.1	3.2/4.8	4.5/5.5	5.4/8.3	5.6/8.5	5.7/8.9	6.0/9.0	6.0/9.3	6.2/9.5	6.5/9.8	6.8/--
BDL	0.43	2.7/0.0	2.4/3.4	2.5/3.6	2.5/3.7	3.1/4.4	3.8/4.6	3.9/5.8	4.5/9.9	4.5/10.2	4.7/10.4	4.6/10.6	4.7/10.9	4.5/11.1	5.0/11.4	6.3/--
BFL	0.07	2.1/0.0	1.8/2.1	1.9/2.6	2.4/3.1	2.6/2.9	3.1/3.5	3.2/4.0	3.4/3.7	3.4/3.6	3.9/3.6	4.0/3.6	3.9/3.6	3.7/3.6	3.8/3.6	4.1/--
BGM	0.19	3.2/0.0	3.8/2.5	4.3/2.8	4.2/3.9	3.9/4.1	3.8/4.7	4.9/5.0	5.0/9.9	4.7/10.1	5.4/10.3	5.6/10.6	6.1/10.9	6.1/11.1	6.3/11.4	6.7/--
BHM	0.21	2.4/0.0	2.3/2.7	2.2/3.2	2.3/2.9	2.2/3.3	2.3/3.7	3.3/4.4	4.0/5.9	4.4/5.9	4.5/6.0	5.3/6.0	5.8/5.9	5.9/5.9	5.5/6.0	5.9/--
BIS	0.39	3.0/0.0	3.0/3.5	3.3/4.1	3.0/4.6	3.3/5.4	3.7/6.8	4.3/6.8	4.8/10.0	5.4/10.3	6.0/10.6	6.1/10.9	6.5/11.3	6.8/11.6	6.6/11.9	6.6/--
BNA	0.20	2.2/0.0	1.8/3.3	2.4/3.6	2.1/3.4	2.2/4.0	2.5/3.6	3.7/3.7	4.3/5.3	4.6/5.3	4.4/5.4	5.0/5.6	5.3/5.5	5.5/5.6	6.0/5.8	6.5/--
BOI	0.05	3.2/0.0	2.9/2.4	2.8/2.5	3.3/3.0	3.4/3.1	3.4/3.5	3.4/4.2	3.7/4.8	4.1/4.8	4.6/4.9	4.6/5.0	4.3/5.1	4.3/5.2	4.5/5.2	4.6/--
BOS	0.44	1.7/0.0	2.1/2.3	2.2/2.5	2.4/3.3	2.6/3.4	2.5/4.1	2.6/4.5	3.0/8.6	3.5/8.9	3.8/9.1	3.9/9.3	4.0/9.5	3.9/9.7	4.1/9.9	4.5/--
BRO	0.20	2.1/0.0	2.5/3.1	2.7/3.4	3.0/4.7	3.5/4.7	3.6/5.0	4.4/5.0	4.8/7.0	5.3/6.9	5.3/7.0	5.9/6.9	6.2/6.7	6.3/6.8	6.5/6.9	6.3/--
BTV	0.47	2.4/0.0	2.0/3.2	2.0/3.1	2.5/3.7	2.8/4.4	3.4/5.1	4.0/5.5	4.5/10.9	4.6/11.3	5.0/11.6	5.1/11.9	4.9/12.3	4.9/12.6	5.1/13.0	5.7/--
BUF	0.32	3.0/0.0	2.7/2.4	2.7/2.5	2.8/3.2	3.1/4.0	3.4/4.4	3.7/4.5	3.7/8.0	3.8/8.3	4.3/8.5	4.3/8.7	4.3/9.0	4.4/9.2	4.8/9.4	5.0/--
BUR	0.21	2.1/0.0	2.2/1.9	1.7/1.6	1.5/1.5	1.8/1.9	1.9/2.0	1.9/2.0	2.2/3.8	2.1/3.8	2.3/3.9	2.6/4.0	2.6/4.0	2.2/4.1	2.5/4.1	2.6/--
BWI	0.35	3.0/0.0	2.6/3.0	2.5/3.5	2.5/3.6	2.5/3.7	2.7/4.1	3.5/5.5	4.4/7.2	4.7/7.5	4.6/7.7	4.6/8.0	4.9/8.3	5.2/8.5	5.4/8.7	6.3/--
CAE	0.19	2.9/0.0	2.5/2.7	2.6/2.9	3.0/3.3	3.1/3.5	3.1/3.5	3.5/3.9	4.3/6.3	4.4/6.2	4.1/6.1	4.0/6.2	4.6/6.3	4.9/6.0	5.1/6.0	5.2/--
CHA	0.15	3.1/0.0	2.4/2.8	2.6/3.2	2.9/3.4	2.6/3.5	2.8/3.4	3.1/4.0	4.1/5.2	4.2/5.4	4.4/5.4	4.6/5.3	5.3/5.4	5.7/5.5	5.1/5.5	5.5/--
CLE	0.05	3.6/0.0	3.7/3.2	4.4/3.5	4.9/4.3	5.1/3.9	5.3/4.6	5.8/5.6	6.3/7.1	5.8/7.4	5.7/7.5	5.3/7.7	5.4/8.0	6.2/8.2	6.8/8.5	6.9/--
CLT	0.15	2.9/0.0	2.6/3.0	3.0/3.3	3.5/4.0	3.9/3.7	3.9/4.1	4.4/4.4	5.1/6.6	5.0/6.5	4.7/6.5	4.8/6.5	5.2/6.6	5.2/6.5	5.2/6.5	5.5/--
CMH	0.14	3.1/0.0	3.0/3.6	3.2/3.9	3.5/4.4	3.8/3.9	4.0/4.1	4.7/4.8	5.0/6.5	5.0/6.5	4.9/6.6	5.4/6.8	5.5/6.9	6.3/7.1	7.1/7.2	7.4/--
CON	0.18	3.3/0.0	2.8/2.9	3.2/2.6	3.5/3.1	4.1/4.5	5.1/5.4	5.4/5.6	6.1/9.0	6.6/9.3	6.4/9.5	6.5/9.8	6.4/10.1	6.4/10.4	6.5/10.6	7.0/--
COS	-0.04	2.9/0.0	3.1/3.8	3.3/3.5	3.8/3.5	3.7/3.1	4.2/3.6	4.6/3.9	5.4/6.9	6.4/7.0	8.3/7.2	7.3/7.4	7.7/7.4	8.7/7.6	8.7/7.8	8.5/--
COU	0.17	1.6/0.0	2.0/2.7	2.3/3.5	2.7/3.2	3.4/3.6	4.4/3.4	4.9/4.5	4.9/6.6	5.2/6.9	5.5/7.0	4.9/7.3	5.3/7.5	5.8/7.8	6.3/8.0	6.9/--
COT	0.17	2.3/0.0	2.1/1.9	1.9/2.1	1.7/2.0	1.8/1.8	1.8/2.0	1.9/2.4	2.2/3.3	2.2/3.3	2.5/3.3	2.6/3.4	2.7/3.5	2.8/3.5	2.9/3.5	2.9/--
CRP	0.19	2.3/0.0	2.7/3.3	2.7/3.5	2.8/4.0	3.1/3.8	3.2/5.0	3.9/4.5	4.6/7.2	5.2/7.2	5.5/7.2	6.0/7.2	6.8/7.2	6.9/7.1	7.1/7.1	6.9/--
CRW	0.23	2.8/0.0	3.0/3.7	2.9/4.2	3.5/4.9	3.7/4.6	3.8/4.7	4.0/4.1	4.3/5.8	4.4/6.0	4.3/6.2	4.4/6.3	4.7/6.4	5.2/6.6	5.5/6.8	5.8/--
CVG	0.13	2.3/0.0	2.4/3.0	2.7/3.5	2.9/3.9	3.2/3.9	3.8/4.5	5.1/5.3	5.4/6.8	5.2/6.8	5.3/6.9	6.4/7.1	6.7/7.2	7.4/7.4	8.9/7.5	8.7/--
DAY	0.17	1.9/0.0	2.5/3.1	2.8/3.5	2.7/3.5	3.3/3.6	3.8/4.1	4.9/5.3	5.2/6.9	4.9/7.0	5.2/7.1	5.8/7.3	5.9/7.3	6.8/7.5	7.7/7.7	7.8/--
DBQ	0.19	3.1/0.0	3.6/2.8	3.4/3.0	3.2/3.2	2.9/3.8	3.7/4.4	4.7/5.5	5.5/8.5	6.1/8.8	6.2/9.1	6.3/9.3	6.5/9.6	6.6/9.9	6.6/10.2	6.7/--
DCA	0.51	1.5/0.0	1.4/2.9	1.6/3.5	1.9/3.6	1.7/3.4	1.9/3.4	2.4/4.8	3.3/7.6	3.4/7.9	3.6/8.1	3.6/8.4	4.2/8.6	4.8/8.8	5.2/9.1	6.2/--
DEC	0.06	3.4/0.0	3.1/3.7	3.8/4.1	4.5/4.5	5.1/4.2	6.1/5.1	6.6/4.9	6.0/6.9	5.4/7.1	5.6/7.2	5.4/7.3	6.0/7.5	6.8/7.7	7.6/8.0	7.7/--
DEN	-0.01	3.6/0.0	3.8/2.9	3.9/3.1	4.2/3.5	3.7/3.4	4.1/3.8	4.4/4.3	4.5/6.5	5.2/6.6	5.8/6.8	6.3/7.0	6.8/7.2	7.0/7.3	7.3/7.5	7.4/--
DFW	0.20	1.3/0.0	1.6/1.7	1.6/2.3	2.5/2.9	2.4/3.4	2.2/4.0	2.9/4.6	3.3/5.3	4.2/5.3	4.3/5.4	5.0/5.3	5.0/5.4	5.0/5.5	5.5/5.5	5.3/--
DLH	0.21	4.7/0.0	4.4/2.9	4.1/3.5	3.9/4.0	4.3/5.9	6.1/7.5	7.2/8.4	8.6/14.7	9.3/15.0	9.3/15.3	9.7/15.6	9.6/16.0	9.7/16.3	9.2/16.6	8.8/--
DSM	0.21	3.4/0.0	3.2/3.5	2.9/3.6	3.1/3.3	2.8/3.0	3.4/2.9	4.0/4.0	4.6/8.7	5.8/9.0	6.3/9.3	6.5/9.5	6.3/9.8	6.3/10.0	6.7/10.3	6.9/--
DTW	0.03	2.7/0.0	3.1/2.6	4.0/2.6	4.2/3.5	4.6/3.2	4.5/4.1	5.6/5.0	5.5/6.8	5.1/7.0	5.0/7.3	4.5/7.5	5.0/7.7	5.8/8.0	6.1/8.2	6.1/--
ELP	-0.01	4.0/0.0	3.8/3.3	3.4/3.1	3.4/3.0	3.5/4.0	3.6/3.8	4.0/4.0	4.4/5.4	4.8/5.5	4.8/5.5	5.6/5.4	5.9/5.3	5.8/5.3	5.6/5.4	5.7/--
ERI	0.14	5.3/0.0	4.8/4.8	4.5/5.0	4.6/5.2	4.5/5.4	4.7/5.6	5.9/6.4	5.7/6.9	5.4/7.1	5.9/7.2	6.2/7.3	6.4/7.5	6.5/7.7	6.6/7.7	6.7/--
EUG	0.09	2.3/0.0	2.4/2.6	2.6/2.8	2.5/3.4	3.0/3.3	3.1/3.1	3.7/4.2	3.5/4.0	4.1/4.0	3.9/4.1	3.7/4.2	3.5/4.1	3.7/4.2	4.0/4.2	4.3/--
EVV	0.17	2.2/0.0	2.3/3.5	2.4/3.8	2.7/3.6	2.8/3.3	3.6/3.4	4.5/3.9	4.8/5.8	4.6/6.0	4.8/6.2	4.9/6.3	5.0/6.5	5.5/6.6	6.0/6.8	6.2/--
EWR	0.32	2.2/0.0	2.9/2.9	3.1/3.1	3.2/3.1	3.0/3.3	2.7/3.5	2.9/4.8	3.8/8.5	4.1/8.7	5.0/8.9	4.8/9.2	4.8/9.4	5.0/9.6	5.2/9.8	6.3/--
FAR	0.32	3.0/0.0	3.3/3.3	4.3/4.8	4.6/4.7	5.1/6.6	6.2/8.0	6.7/8.7	7.9/13.7	8.3/14.2	8.1/14.5	7.8/15.0	7.9/15.3	7.6/15.8	6.9/16.2	7.2/--
FAT	0.09	1.9/0.0	1.8/2.0	1.9/1.8	1.7/2.0	1.7/2.1	2.4/2.4	2.6/3.4	3.2/3.5	3.1/3.5	3.2/3.5	3.5/3.6	3.2/3.6	3.3/3.6	3.4/3.6	3.5/--
FLG	-0.07	4.7/0.0	3.9/2.6	3.6/3.3	3.7/3.1	4.0/3.3	3.9/3.4	4.0/3.8	4.2/4.5	4.1/4.4	4.1/4.5	4.1/4.6	4.4/4.5	4.3/4.5	4.5/4.5	4.7/--
FMY	0.32	1.8/0.0	2.1/2.5	2.4/2.9	2.4/2.9	2.5/3.3	3.0/4.1	3.5/5.6	3.5/6.4	3.9/6.3	3.9/6.3	3.7/6.3	4.2/6.2	3.9/6.2	3.7/6.1	3.9/--
FSD	0.32	2.7/0.0	2.8/3.2	2.8/3.6	2.9/3.8	2.8/4.2	3.7/5.0	4.7/5.9	6.2/12.0	6.9/12.2	7.9/12.5	8.2/12.7	8.3/13.1	7.9/13.4	7.6/13.6	8.0/--
FWA	0.17	2.4/0.0	2.5/2.7	2.7/2.5	3.2/2.7	3.6/3.2	3.8/3.9	4.9/5.0	5.0/7.3	4.4/7.6	4.9/7.8	4.9/8.1	5.1/8.4	5.7/8.6	6.6/8.9	7.1/--

GAD	0.11	3.0/0.0	2.4/2.4	2.5/3.2	2.8/3.5	2.7/3.7	3.2/3.7	4.2/4.7	5.0/6.1	5.1/6.0	5.0/6.0	5.4/6.0	6.2/5.9	6.2/5.9	5.9/5.9	6.0/--
GEG	0.06	2.6/0.0	2.5/2.1	2.5/2.3	2.7/2.5	2.5/2.2	2.7/2.8	2.9/3.3	3.1/4.2	3.5/4.2	3.7/4.2	3.8/4.3	3.6/4.4	3.9/4.5	3.8/4.5	4.0/--
GTF	0.14	4.3/0.0	4.2/3.2	4.7/3.1	5.2/4.0	5.5/4.6	5.8/5.1	5.5/6.0	5.5/10.5	5.8/10.8	6.0/11.0	6.1/11.2	6.1/11.5	6.2/11.5	6.3/11.7	6.5/--
HOU	-0.26	4.9/0.0	4.7/2.5	4.3/3.0	4.4/3.2	4.9/3.0	5.7/3.8	6.4/4.5	6.8/6.2	6.6/6.0	5.7/5.8	5.3/5.8	5.6/5.9	5.8/5.7	5.8/5.5	5.8/--
HSV	0.09	3.6/0.0	3.2/2.7	3.2/3.2	3.3/3.2	3.2/3.8	3.4/4.3	4.0/4.5	5.2/6.5	5.4/6.5	5.1/6.5	5.5/6.5	6.2/6.5	6.4/6.5	6.0/6.6	6.4/--
IAH	0.10	2.3/0.0	2.3/3.0	2.6/3.5	2.7/3.9	3.1/3.9	3.6/4.2	4.7/5.4	5.3/5.9	5.9/6.0	5.5/5.8	6.0/5.7	6.1/5.8	5.7/5.9	6.0/5.9	6.0/--
ICT	0.17	2.4/0.0	2.7/2.5	3.1/3.0	3.5/3.5	3.3/4.9	3.9/5.0	4.0/5.3	5.1/7.7	5.3/7.9	6.4/8.1	6.0/8.1	6.8/8.3	7.6/8.5	7.6/8.5	7.5/--
ILG	0.35	2.3/0.0	2.1/2.7	2.2/3.2	2.7/3.2	2.7/3.5	2.5/3.3	3.2/4.7	3.8/7.5	4.0/7.6	4.4/7.8	4.3/8.0	4.9/8.2	5.1/8.5	5.7/8.7	6.7/--
IND	0.21	2.5/0.0	2.3/2.9	2.4/2.9	2.5/3.2	2.5/2.9	3.3/3.6	4.6/4.3	4.4/7.0	4.0/7.3	4.8/7.5	5.3/7.6	5.8/7.9	6.7/8.2	8.5/8.5	8.3/--
IPT	0.36	2.8/0.0	2.6/3.3	2.7/3.5	3.2/4.1	3.6/4.5	3.6/5.5	4.2/6.0	5.2/10.2	5.7/10.5	5.8/10.8	6.1/11.0	6.5/11.3	6.3/11.5	6.5/11.8	7.5/--
JAN	0.11	2.1/0.0	1.7/2.0	1.8/2.5	2.5/2.7	2.6/2.6	2.6/3.2	3.2/4.8	3.7/5.8	4.3/5.8	4.8/5.7	5.4/5.7	5.9/5.6	6.5/5.5	6.4/5.7	6.4/--
JAX	0.34	1.7/0.0	2.0/2.0	1.9/2.5	1.8/2.6	1.8/2.6	1.9/3.0	2.3/4.6	2.8/6.6	3.4/6.5	3.5/6.4	3.8/6.4	4.4/6.2	4.3/6.1	4.7/6.0	4.5/--
JFK	0.49	1.4/0.0	1.9/2.7	2.2/2.8	2.3/3.0	2.0/3.4	2.0/3.8	2.1/4.6	2.8/8.6	3.5/8.8	3.8/9.0	4.0/9.3	4.1/9.5	4.0/9.8	4.4/10.0	5.1/--
LAN	0.19	3.0/0.0	2.9/3.3	3.1/3.6	3.9/3.8	4.2/4.6	4.9/5.0	6.0/6.5	6.1/8.4	5.7/8.5	6.2/8.8	6.1/8.9	6.6/9.1	6.9/9.4	6.8/9.5	6.7/--
LAS	0.22	2.1/0.0	2.0/1.8	2.1/2.1	2.0/2.5	2.2/2.3	2.4/2.2	2.5/2.8	2.4/4.2	2.6/4.3	3.0/4.4	2.9/4.5	3.0/4.7	2.9/4.9	3.0/5.0	3.2/--
LAX	0.04	2.0/0.0	1.9/1.5	1.8/1.3	1.8/1.5	1.9/1.8	1.9/1.8	1.9/2.3	2.0/2.6	1.9/2.7	2.1/2.7	2.2/2.7	2.3/2.7	2.4/2.7	2.6/2.7	2.7/--
LEX	0.10	2.8/0.0	2.6/2.6	3.0/3.2	2.9/3.8	2.9/4.1	3.5/4.8	5.0/4.5	5.3/6.5	5.7/6.7	5.7/6.8	6.3/6.9	6.4/7.1	7.1/7.3	7.9/7.5	8.1/--
LFK	0.18	2.1/0.0	2.1/2.3	2.4/2.9	2.1/3.7	2.7/3.5	3.1/4.1	4.2/5.5	4.5/6.5	5.1/6.4	5.0/6.3	5.5/6.4	6.2/6.4	6.0/6.2	6.2/6.2	6.1/--
LGA	0.35	2.8/0.0	3.1/2.9	3.2/3.3	3.3/3.5	3.1/4.0	2.8/4.2	2.8/4.5	3.5/8.5	3.9/8.8	4.8/9.0	4.6/9.2	4.4/9.4	4.6/9.6	5.0/9.8	5.9/--
LGB	-0.08	2.0/0.0	2.0/1.5	1.8/1.6	2.2/1.6	2.1/2.0	2.2/1.7	2.5/2.3	2.7/2.6	2.5/2.6	2.5/2.7	2.6/2.6	2.7/2.6	2.6/2.7	2.7/2.7	2.8/--
LIT	0.12	2.5/0.0	2.8/2.8	2.5/3.1	2.5/3.0	2.8/3.9	3.3/3.1	3.8/4.1	3.9/4.5	3.7/4.5	3.6/4.6	4.1/4.7	4.2/4.8	4.5/4.9	5.0/5.0	5.0/--
LNS	0.48	2.2/0.0	2.1/3.4	2.2/3.5	2.8/3.6	3.1/3.8	3.0/4.6	3.5/5.3	4.6/14.5	5.1/14.7	5.5/15.1	5.5/15.4	5.9/15.7	6.1/16.0	6.5/16.3	7.4/--
MAF	0.10	3.2/0.0	3.1/3.4	3.4/3.4	3.6/4.1	3.3/4.7	3.2/4.6	4.1/5.3	4.6/6.0	5.0/6.0	5.3/6.1	6.1/6.1	6.4/6.0	6.7/6.0	6.6/6.1	6.6/--
MBA	0.39	2.2/0.0	1.9/3.2	2.0/2.5	2.2/3.0	2.7/4.0	3.5/4.6	3.7/5.2	4.3/8.7	4.8/8.9	5.1/9.2	5.3/9.4	5.0/9.5	5.0/9.8	5.0/10.1	5.9/--
MCI	0.22	2.2/0.0	2.4/3.1	2.5/3.2	3.5/3.3	3.5/4.2	3.5/3.7	3.6/4.3	4.1/7.5	4.9/7.6	5.8/7.8	5.9/7.9	6.1/8.1	6.2/8.3	6.7/8.5	6.7/--
MCN	0.13	2.2/0.0	2.0/1.6	2.2/2.3	2.4/2.5	2.5/2.5	2.7/3.2	3.2/3.6	3.6/5.0	3.6/5.0	3.3/4.9	3.4/4.8	4.2/4.7	4.1/4.8	4.4/4.8	4.7/--
MCO	0.35	2.2/0.0	2.2/2.3	2.3/2.6	1.9/2.5	1.8/3.2	2.1/3.4	2.6/4.8	2.9/6.2	3.4/6.0	3.3/6.0	3.4/5.9	3.9/5.8	3.7/5.7	3.9/5.5	3.7/--
MDT	0.37	2.8/0.0	2.8/3.9	2.8/3.4	2.6/3.9	2.7/4.4	3.1/5.3	3.8/6.0	4.5/8.1	4.9/8.4	5.1/8.6	5.3/8.9	5.6/9.1	5.7/9.3	6.0/9.6	6.6/--
MEM	0.11	2.4/0.0	2.5/2.8	2.8/2.7	2.8/3.0	2.9/2.9	3.2/2.8	3.2/3.4	3.4/5.3	3.8/5.2	3.8/5.4	4.7/5.5	4.8/5.6	5.1/5.5	5.2/5.7	5.7/--
MHT	0.52	1.9/0.0	2.0/2.5	2.0/2.5	2.5/3.2	2.7/4.1	3.3/5.0	3.6/4.7	4.1/17.5	4.5/17.8	4.9/18.2	5.1/18.6	5.0/18.9	4.6/19.3	4.8/19.7	5.5/--
MIA	0.40	1.6/0.0	1.6/2.3	1.6/2.7	1.6/2.7	1.9/3.3	2.4/3.5	3.1/4.5	3.3/6.4	3.3/6.3	3.3/6.2	3.4/6.2	3.5/6.0	3.7/5.9	3.7/5.8	3.8/--
MKE	0.09	2.6/0.0	2.9/3.2	3.2/3.5	3.4/3.5	4.3/3.3	5.5/3.7	5.6/4.7	5.4/6.4	5.0/6.7	4.9/7.0	4.7/7.2	5.3/7.5	5.8/7.7	5.7/8.0	5.7/--
MOB	0.23	2.5/0.0	2.3/2.3	2.8/2.7	2.8/3.4	2.6/3.5	3.1/3.9	3.2/4.7	3.8/7.2	3.8/7.0	4.2/6.9	4.7/6.7	5.1/6.6	5.5/6.5	5.7/6.4	5.6/--
MSP	0.34	1.9/0.0	2.0/2.3	2.2/2.4	2.5/3.3	2.5/3.8	3.0/4.6	4.4/6.0	6.1/11.4	6.6/11.8	6.9/12.2	7.3/12.6	7.7/13.0	7.7/13.4	7.8/13.8	7.9/--
MSY	0.22	2.0/0.0	1.8/2.1	1.7/2.4	2.1/2.6	2.1/2.9	2.0/3.1	2.5/4.0	3.3/5.6	3.7/5.5	4.2/5.3	4.4/5.4	4.6/5.4	5.2/5.3	5.5/5.1	5.5/--
MWL	0.22	1.8/0.0	2.0/2.1	2.1/2.1	2.0/2.6	2.0/2.7	2.1/3.9	2.7/4.1	3.2/6.3	4.1/6.1	4.4/6.0	5.0/5.9	5.2/5.9	5.2/5.7	5.3/5.6	5.2/--
NKX	-0.23	2.6/0.0	2.7/1.5	2.5/2.0	2.5/2.1	2.4/2.2	2.5/2.5	2.6/2.6	2.8/0.0	2.9/0.0	2.9/0.0	2.9/0.0	2.6/0.0	2.5/0.0	2.7/0.0	2.8/--
NTU	0.14	3.2/0.0	3.2/3.5	3.2/3.9	3.0/4.0	2.9/3.3	3.3/3.6	4.4/3.7	5.1/5.9	5.5/5.9	5.5/6.0	5.0/6.2	4.6/6.3	4.5/6.3	4.9/6.4	5.7/--
OAK	0.13	2.8/0.0	2.4/2.0	2.5/2.2	2.2/2.1	2.2/2.3	2.5/2.7	2.9/3.2	2.9/4.1	3.0/4.1	2.9/4.1	3.0/4.1	2.9/4.0	2.9/4.0	3.2/4.0	3.3/--
OKC	0.17	1.6/0.0	1.7/2.4	2.2/2.7	2.9/3.3	2.6/4.1	3.4/4.3	4.1/5.5	4.9/6.5	5.4/6.6	5.7/6.6	6.1/6.5	6.6/6.7	6.5/6.9	6.6/7.0	6.7/--
OMA	0.25	3.4/0.0	2.7/2.8	2.3/2.7	3.1/3.1	3.1/3.3	3.0/4.1	3.4/4.2	4.4/8.3	5.4/8.5	5.8/8.8	6.1/9.0	6.4/9.2	5.9/9.4	6.7/9.6	6.8/--
ORD	0.27	2.2/0.0	2.1/2.6	2.1/3.1	2.5/3.2	2.6/3.4	3.9/4.1	4.5/5.0	4.6/7.3	4.5/7.4	5.1/7.6	5.1/8.0	5.4/8.2	6.0/8.4	6.2/8.7	6.5/--
ORH	0.28	3.7/0.0	4.3/3.1	4.5/3.4	5.2/4.3	4.8/4.5	3.9/4.9	3.9/5.7	4.1/11.3	4.6/11.5	4.9/11.7	5.3/12.0	5.0/12.2	5.1/12.4	5.0/12.6	5.6/--
PDT	-0.01	2.7/0.0	2.5/2.9	3.0/2.8	2.9/3.4	3.0/3.6	3.3/3.5	4.2/4.7	4.5/5.0	5.3/4.9	5.6/4.9	5.7/4.9	5.5/4.8	5.6/4.9	5.6/4.9	5.8/--
PDX	0.19	3.0/0.0	1.8/2.2	1.8/2.4	2.0/2.7	2.3/2.6	2.3/2.4	2.7/2.9	2.6/3.7	3.2/3.8	3.3/3.9	3.2/3.9	3.0/4.0	3.3/4.1	3.3/4.1	3.3/--
PHL	0.38	1.6/0.0	2.1/2.9	2.1/3.0	2.1/3.4	2.2/3.0	2.2/3.0	2.4/3.7	3.1/6.6	3.4/6.8	3.8/7.1	4.0/7.2	4.4/7.5	4.9/7.7	5.4/8.0	6.3/--
PHX	0.07	2.4/0.0	2.1/1.6	1.8/1.9	1.8/1.8	2.1/2.1	2.2/2.1	2.4/2.3	2.6/3.0	2.6/3.0	2.5/3.2	2.7/3.2	2.7/3.3	2.7/3.5	2.6/3.5	2.9/--
PIR	0.18	3.8/0.0	3.5/4.0	3.4/4.6	3.8/4.5	4.4/4.8	4.9/5.8	5.3/5.8	6.0/8.1	6.3/8.3	7.0/8.5	7.2/8.7	6.9/8.9	7.1/9.1	6.9/9.4	7.2/--
PIT	0.16	2.4/0.0	2.6/2.8	2.7/3.1	3.3/3.9	3.4/3.2	3.5/4.3	4.9/4.6	5.2/7.1	5.1/7.3	5.3/7.4	5.8/7.5	5.8/7.6	6.5/7.7	6.8/7.9	7.4/--
PVD	0.51	1.5/0.0	1.6/2.9	1.8/2.9	2.1/3.1	2.3/3.5	2.3/4.6	2.9/5.2	3.2/9.4	3.9/9.6	4.5/9.9	4.4/10.1	4.2/10.3	4.1/10.5	4.4/10.7	5.5/--
PWM	0.35	3.0/0.0	3.2/3.8	3.1/3.7	3.4/4.1	3.7/4.7	4.5/6.0	4.5/5.4	4.9/9.3	5.1/9.5	5.4/9.8	5.6/10.1	5.2/10.4	5.2/10.7	5.2/11.0	5.8/--
RAL	0.50	2.5/0.0	2.6/7.5	2.9/7.6	3.2/7.9	3.5/7.4	3.8/8.3	4.1/7.6	4.1/7.5	4.2/7.5	4.2/7.4	4.2/7.3	4.1/7.3	3.9/7.2	4.0/7.1	3.8/--
RAP	0.21	2.2/0.0	2.7/3.2	3.0/2.8	3.3/3.1	3.4/3.7	3.5/3.5	3.6/3.8	4.5/7.0	4.4/7.1	4.4/7.4	4.8/7.5	5.3/7.7	5.5/7.8	5.0/8.1	6.0/--
RBL	0.11	2.7/0.0	2.2/2.7	2.2/3.1	2.4/3.5	2.8/3.6	3.4/3.7	3.8/4.7	4.2/4.5	4.3/4.4	4.5/4.5	4.3/4.5	4.3/4.5	4.2/4.4	4.5/4.4	4.6/--
RDD	0.04	3.7/0.0	3.8/3.5	3.3/3.5	3.7/3.6	3.8/4.1	4.0/4.0	4.4/5.0	4.7/4.9	4.7/5.0	5.0/5.1	4.9/5.1	4.7/5.1	4.8/5.1	5.0/5.1	5.1/--
RDU	0.24	2.6/0.0	2.5/3.5	2.5/3.6	2.9/4.0	3.1/4.5	3.0/4.6	3.9/4.9	4.7/6.0	4.9/6.1	4.6/6.2	4.8/6.3	5.0/6.3	5.4/6.4	6.0/6.5	6.7/--
RIC	0.31	2.2/0.0	2.2/3.1	2.2/3.0	2.4/3.8	2.5/3.5	2.9/4.2	3.8/5.2	4.9/7.1	5.1/7.3	5.1/7.5	5.1/7.6	5.2/7.7	5.5/7.9	5.4/8.0	6.2/--
RNO	0.33	2.1/0.0	2.3/2.9	2.6/3.2	2.7/3.6	2.8/3.8	3.1/4.5	3.0/4.5	3.4/5.9	3.7/5.9	4.0/6.1	4.0/6.1	3.8/6.3	3.3/6.3	3.7/6.4	4.0/--

ROA	0.24	2.4/0.0	2.7/3.0	2.8/3.1	2.8/3.4	2.8/3.4	3.4/4.1	4.1/4.3	4.8/6.2	4.7/6.3	4.0/6.5	3.8/6.7	4.2/6.9	4.3/7.0	5.0/7.3	5.8/--
ROC	0.32	2.8/0.0	2.8/2.6	3.4/3.0	3.4/3.6	3.4/3.9	3.3/4.8	3.9/4.9	4.3/9.5	4.4/9.8	5.2/10.1	5.4/10.3	5.5/10.5	5.2/10.8	5.9/11.0	6.3/--
SAC	0.12	2.5/0.0	2.4/2.7	2.5/2.7	2.4/3.1	2.4/3.4	2.7/3.7	3.1/3.9	3.2/3.8	3.2/3.8	3.5/3.8	3.8/3.8	3.8/3.9	3.7/3.9	3.8/3.8	3.8/--
SAN	0.17	1.1/0.0	1.3/1.5	1.3/1.8	1.3/1.5	1.4/1.9	1.5/2.0	1.7/2.4	2.1/2.5	2.2/2.6	2.2/2.6	2.4/2.6	2.3/2.6	2.3/2.5	2.3/2.5	2.4/--
SAT	0.09	2.7/0.0	3.0/2.6	3.1/3.0	3.1/3.5	3.0/3.2	3.0/3.9	3.7/4.6	4.0/6.1	4.8/6.0	4.8/6.0	5.2/6.0	5.8/6.0	5.8/5.8	6.1/5.8	5.9/--
SAV	0.07	2.7/0.0	2.8/1.9	2.6/1.9	2.7/2.2	2.2/2.2	2.8/2.5	2.9/3.3	3.3/6.0	3.6/5.9	4.2/5.9	4.0/5.7	4.5/5.6	4.2/5.5	4.7/5.5	4.8/--
SDF	0.09	2.1/0.0	2.5/3.2	2.9/3.4	3.1/3.6	3.3/3.4	4.3/3.8	5.4/4.8	5.5/6.7	5.6/6.9	5.6/7.0	5.9/7.1	6.3/7.2	6.7/7.4	7.3/7.5	7.3/--
SEA	0.02	2.0/0.0	2.1/1.7	2.2/2.1	2.0/2.1	2.0/2.0	2.6/2.1	2.9/2.5	3.0/3.2	2.9/3.3	2.6/3.4	2.9/3.4	2.9/3.4	2.9/3.3	2.9/3.3	2.9/--
SFO	-0.00	2.3/0.0	2.1/2.3	2.4/2.3	2.5/2.2	2.7/2.5	2.8/2.9	2.9/2.4	3.0/3.1	3.2/3.1	3.1/3.1	2.9/3.1	2.9/3.1	3.0/3.2	3.1/3.2	3.1/--
SJC	0.02	2.5/0.0	2.1/1.8	2.5/2.0	2.3/1.7	2.2/1.9	2.6/2.6	2.8/3.2	2.6/3.1	2.7/3.1	2.6/3.1	2.7/3.1	2.7/3.1	2.7/3.1	2.7/3.0	3.1/--
SJT	0.12	3.0/0.0	3.4/3.6	3.7/3.8	4.0/4.0	4.0/4.3	4.0/4.7	4.2/5.4	4.8/7.7	5.7/7.6	6.1/7.5	7.0/7.4	7.0/7.6	7.2/7.5	7.4/7.5	7.2/--
SLC	-0.02	2.6/0.0	2.4/2.1	2.4/2.5	2.8/2.8	3.1/3.3	3.3/3.3	3.9/3.5	4.4/4.0	4.1/3.9	4.5/4.0	4.2/4.2	4.2/4.4	3.8/4.3	4.0/4.3	3.9/--
SSI	0.18	1.8/0.0	2.0/2.2	2.1/2.7	2.4/2.9	2.7/2.9	3.2/3.1	3.6/3.5	4.2/5.5	4.3/5.4	4.2/5.4	3.6/5.2	3.5/5.1	3.3/5.0	3.5/5.0	3.6/--
STL	-0.00	2.1/0.0	2.6/2.5	3.4/3.0	4.0/3.1	4.4/3.5	5.3/3.8	6.0/4.7	5.9/7.1	5.8/7.4	5.9/7.6	6.1/7.6	6.4/7.9	6.8/8.2	7.3/8.3	7.3/--
SYR	0.36	2.3/0.0	2.6/2.8	2.7/2.8	3.1/3.4	3.5/4.5	3.8/5.1	4.0/5.9	4.6/10.8	5.0/11.0	5.6/11.4	5.8/11.6	5.9/11.9	5.8/12.2	6.0/12.5	6.5/--
TLH	0.18	2.9/0.0	3.0/2.5	2.8/3.1	2.9/3.3	3.2/3.4	3.5/4.4	4.1/4.9	4.5/7.2	4.5/7.1	4.7/7.0	4.8/6.9	5.3/6.9	5.6/6.7	5.9/6.6	6.0/--
TPA	0.24	1.8/0.0	2.0/2.4	2.0/2.7	2.1/2.6	2.1/2.7	2.5/3.1	2.8/3.7	3.4/5.7	4.2/5.5	4.1/5.4	3.8/5.3	4.1/5.3	4.1/5.2	3.9/5.2	3.8/--
TRM	-0.25	5.0/0.0	5.0/2.9	5.0/4.1	5.0/3.3	5.5/3.9	5.4/4.2	5.4/4.4	5.4/4.5	5.2/4.4	5.2/4.4	4.9/4.4	5.1/4.5	4.6/4.4	4.8/4.4	4.7/--
TUL	0.20	2.8/0.0	2.7/3.6	3.2/4.1	3.8/4.5	3.6/5.1	3.7/4.8	4.1/5.1	4.7/6.5	5.1/6.5	5.4/6.7	5.6/6.8	6.1/6.9	6.2/7.1	6.4/7.1	6.1/--
TUS	-0.18	2.8/0.0	2.7/2.1	2.5/1.9	3.0/2.0	3.3/2.7	3.6/2.7	4.2/4.1	4.7/4.1	4.8/4.2	4.6/4.1	4.3/4.2	4.6/4.2	4.4/4.2	4.6/4.3	4.3/--
TYR	0.23	1.7/0.0	2.3/2.7	2.6/3.1	2.2/3.6	2.4/3.5	2.7/4.4	3.2/5.0	3.5/6.1	4.3/6.0	4.3/5.9	5.0/5.9	5.4/5.7	5.2/5.7	5.6/5.7	5.4/--
TYS	0.15	2.0/0.0	2.5/3.0	2.9/3.6	3.1/3.7	3.1/4.0	3.0/3.8	3.5/3.5	3.9/4.9	3.9/5.0	4.1/5.0	4.1/5.0	4.8/5.1	5.1/5.3	4.8/5.4	5.4/--
VCT	0.20	2.3/0.0	2.4/3.1	2.8/3.5	3.0/4.5	3.3/4.2	3.7/4.5	4.4/5.2	5.0/7.5	5.5/7.4	5.5/7.3	5.9/7.2	6.4/7.2	6.5/7.0	6.9/7.0	6.5/--
WJF	-0.50	5.9/0.0	5.9/3.0	5.9/3.0	6.4/3.4	7.1/3.7	7.4/4.0	7.0/4.8	7.1/5.2	6.8/5.2	6.2/5.3	6.1/5.2	5.9/5.2	5.7/5.2	5.7/5.1	5.5/--
YKM	0.07	3.7/0.0	3.8/3.7	4.2/4.2	4.8/4.5	4.6/4.9	4.3/4.9	5.2/5.5	5.1/6.1	5.7/6.1	5.5/6.1	5.6/6.1	5.3/6.1	5.8/6.1	5.6/6.3	5.6/--
YNG	-0.03	4.0/0.0	4.8/2.9	4.5/2.9	4.8/3.4	4.4/3.2	4.3/4.5	5.3/4.9	5.8/8.4	5.6/8.6	6.9/8.8	7.1/8.9	6.9/9.2	7.6/9.3	7.7/9.5	8.4/--
YQB	0.65	2.9/0.0	2.5/0.0	2.6/0.0	2.9/0.0	3.6/0.0	3.9/0.0	4.3/0.0	4.8/14.4	5.3/14.8	5.6/15.1	5.8/15.5	5.3/15.8	5.4/16.2	5.5/16.5	5.8/--
YUL	0.66	2.2/0.0	2.2/0.0	2.9/0.0	3.5/0.0	3.8/0.0	4.0/0.0	4.2/0.0	4.8/13.6	5.2/14.0	5.6/14.3	4.8/14.6	4.7/15.0	4.4/15.3	4.9/15.6	5.3/--
YVR	0.29	2.0/0.0	1.9/0.0	1.9/0.0	2.0/0.0	1.8/0.0	2.1/0.0	2.2/0.0	2.4/3.9	2.6/4.0	2.8/4.0	3.0/4.1	3.2/4.1	3.2/4.2	3.0/4.2	3.2/--
YXD	0.26	3.6/0.0	4.3/0.0	5.1/0.0	6.0/0.0	6.7/0.0	7.4/0.0	7.4/0.0	7.5/9.2	8.1/9.6	7.5/10.0	7.6/10.4	7.6/10.8	7.5/11.1	8.1/11.5	9.0/--
YYC	0.57	2.6/0.0	2.7/0.0	2.8/0.0	2.7/0.0	2.9/0.0	3.3/0.0	3.5/0.0	3.6/10.4	3.9/10.6	4.1/10.9	4.8/11.2	5.4/11.4	5.7/11.7	5.9/12.0	6.8/--
YYZ	0.48	3.0/0.0	3.6/0.0	4.0/0.0	4.5/0.0	4.7/0.0	5.0/0.0	6.0/0.0	6.0/11.0	6.6/11.3	6.3/11.6	5.6/11.8	5.7/12.1	6.2/12.3	6.9/12.6	7.3/--

Bias (2010-03-01~2010-03-31)

	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	-0.88	0.7/0.0	0.6/0.2	0.7/-0.2	0.9/-0.2	0.8/-1.0	0.3/-1.8	0.1/-3.6	-0.5/-8.1	-0.9/-8.4	-1.7/-8.6	-1.8/-8.9	-2.7/-9.2	-2.9/-9.5	-2.9/-9.8	-3.8/--
ABI	0.07	-0.1/0.0	0.1/0.9	0.1/0.7	-0.2/1.1	-0.1/1.0	0.0/1.0	0.3/1.1	-0.2/0.2	-0.1/-0.1	-0.2/-0.4	0.7/-0.6	0.7/-0.9	0.3/-1.1	0.1/-1.4	-0.3/--
ABQ	2.00	0.4/0.0	0.9/0.7	1.1/0.5	1.3/1.0	1.2/1.1	1.8/1.8	1.7/1.6	2.4/-1.4	2.4/-1.6	2.6/-1.8	3.3/-2.0	3.2/-2.2	2.8/-2.4	2.8/-2.5	2.2/--
ABY	0.42	-0.0/0.0	0.1/1.6	0.2/1.3	0.5/1.5	0.4/1.7	0.3/1.5	0.2/1.4	-0.2/1.4	-0.1/1.1	0.3/0.9	0.7/0.6	0.6/0.4	0.7/0.1	1.4/-0.1	1.2/--
ACT	0.04	0.3/0.0	0.3/1.1	0.4/0.7	0.3/1.8	0.0/1.7	-0.1/1.7	0.3/2.5	0.2/1.1	-0.3/0.8	-0.1/0.5	-0.1/0.3	0.2/0.0	-0.0/-0.3	-0.4/-0.5	-0.3/--
ACY	0.45	0.7/0.0	0.7/-0.1	1.1/-0.3	1.5/-0.4	1.4/-1.5	1.2/-2.1	1.2/-3.9	1.1/-7.4	0.8/-7.6	0.2/-7.9	0.5/-8.2	-0.3/-8.5	-0.9/-8.7	-0.9/-9.0	-1.5/--
ALB	-0.41	-0.2/0.0	-0.1/-0.4	-0.0/-0.8	0.5/-1.0	-0.2/-1.6	-0.3/-2.6	0.2/-3.6	0.1/-9.9	0.1/-10.2	-0.7/-10.6	-0.9/-10.9	-1.1/-11.3	-1.2/-11.6	-0.9/-12.0	-1.4/--
ALW	1.62	1.0/0.0	0.7/1.7	0.7/1.8	1.0/2.1	1.0/1.6	1.0/1.6	1.6/1.5	1.4/-1.3	1.8/-1.4	3.1/-1.6	2.4/-1.7	2.1/-1.9	2.2/-2.0	2.3/-2.2	2.0/--
AOO	-2.02	0.1/0.0	-0.1/-1.1	-0.3/-1.0	-0.1/-0.2	-0.6/-1.2	-0.7/-2.4	-0.6/-3.6	-1.4/-6.4	-2.6/-6.7	-3.1/-6.9	-3.6/-7.2	-3.8/-7.5	-4.0/-7.8	-4.2/-8.1	-5.3/--
APN	2.38	0.6/0.0	0.3/3.2	0.6/2.4	1.2/2.4	1.4/1.5	1.8/1.0	3.3/1.7	3.5/-6.8	3.7/-7.1	3.1/-7.5	2.9/-7.8	3.3/-8.2	3.5/-8.5	3.7/-8.8	2.9/--
ATL	-0.12	-0.4/0.0	-0.2/0.6	0.1/0.9	0.4/1.5	0.3/2.0	-0.2/2.6	-0.6/2.0	-1.0/0.9	-0.4/0.7	-0.2/0.5	0.1/0.2	0.5/-0.0	0.3/-0.3	0.4/-0.5	-0.9/--
AUG	-0.20	-0.2/0.0	-0.3/-0.9	-0.3/-0.5	-0.0/-1.6	-0.4/-1.9	-0.2/-2.7	0.5/-3.9	0.6/-9.4	1.1/-9.7	0.2/-10.1	-0.5/-10.5	-0.6/-10.8	-0.7/-11.2	-0.7/-11.5	-1.4/--
AUS	0.34	-0.2/0.0	-0.0/0.9	0.0/0.7	-0.3/2.3	0.2/1.7	-0.1/3.4	0.1/4.4	0.3/7.9	0.2/7.6	0.3/7.4	0.4/7.1	1.6/6.8	0.9/6.6	0.7/6.3	1.0/--
AVP	-0.61	0.1/0.0	0.3/0.7	0.3/0.7	0.9/0.8	1.0/0.1	0.5/-0.9	0.3/-2.5	-0.4/-6.6	-1.0/-6.9	-1.4/-7.3	-1.6/-7.5	-1.9/-7.8	-1.9/-8.1	-2.0/-8.4	-2.4/--
BDL	0.41	0.3/0.0	0.5/-1.4	0.6/-1.6	1.3/-2.2	1.3/-2.7	0.5/-3.7	0.8/-4.6	1.1/-9.0	0.7/-9.3	-0.3/-9.6	0.1/-9.9	0.5/-10.2	0.1/-10.5	-0.2/-10.8	-1.1/--
BFL	0.99	0.8/0.0	0.7/1.0	0.5/2.1	0.9/2.2	1.0/2.0	1.4/1.7	1.5/2.5	1.4/1.6	1.3/1.5	1.0/1.4	1.1/1.3	0.8/1.2	0.7/1.1	0.9/0.9	1.0/--
BGM	-1.48	-0.2/0.0	-0.1/0.3	-0.0/0.1	0.4/0.2	-0.2/-0.6	-0.8/-1.7	-0.5/-3.0	-1.4/-8.8	-1.4/-9.1	-2.5/-9.4	-2.8/-9.7	-3.4/-10.0	-3.1/-10.3	-2.9/-10.5	-3.5/--
BHM	-0.55	-0.4/0.0	-0.6/1.2	-0.2/1.1	-0.1/0.8	-0.2/1.8	-0.8/1.9	-0.9/1.7	-1.1/-0.0	-1.0/-0.3	-0.8/-0.5	-0.9/-0.8	-0.1/-1.0	0.1/-1.3	-0.5/-1.5	-0.9/--
BIS	-0.78	-0.0/0.0	0.5/-0.5	0.8/0.0	1.1/-1.4	0.9/-1.5	0.1/-3.0	-0.6/-4.0	-0.2/-9.1	-0.2/-9.5	-1.5/-9.9	-1.5/-10.2	-2.2/-10.6	-2.5/-11.0	-2.7/-11.4	-3.7/--
BNA	-0.61	-0.1/0.0	-0.1/2.4	-0.3/2.0	-0.1/1.7	-0.4/1.9	-0.6/1.1	-0.3/1.0	-0.6/-1.3	-0.1/-1.6	-0.6/-1.9	-1.5/-2.2	-0.6/-2.5	-0.5/-2.7	-1.3/-3.0	-1.9/--
BOI	1.96	0.6/0.0	0.5/-0.5	0.6/0.1	0.6/-0.1	1.0/-0.1	1.3/-0.4	1.5/-0.7	2.0/-2.1	2.4/-2.3	3.5/-2.4	3.2/-2.6	2.8/-2.7	3.0/-2.9	2.9/-3.1	3.3/--
BOS	-0.64	-0.3/0.0	-0.3/-0.2	-0.3/-1.2	-0.1/-1.4	-0.2/-1.7	-0.4/-2.3	-0.2/-2.9	-0.4/-7.7	-0.8/-8.0	-0.9/-8.2	-1.1/-8.5	-1.0/-8.7	-1.0/-9.0	-1.0/-9.3	-1.5/--
BRO	0.44	0.1/0.0	0.2/0.4	0.3/0.5	0.0/1.5	-0.5/2.0	0.0/1.8	0.2/3.3	0.5/3.3	0.4/3.1	0.4/2.8	0.6/2.6	1.2/2.4	1.0/2.2	0.9/2.0	1.4/--
BTV	1.00	0.0/0.0	0.2/0.3	0.3/0.3	0.8/-0.3	-0.0/-0.8	0.3/-1.4	0.9/-2.4	1.3/-9.8	1.5/-10.2	1.2/-10.6	1.6/-11.0	1.4/-11.5	1.6/-11.9	2.1/-12.3	1.8/--
BUF	-0.90	-0.6/0.0	-0.9/1.5	-0.9/1.5	-0.7/1.5	-0.9/1.2	-0.8/-0.5	-0.6/-1.0	-1.3/-7.2	-1.5/-7.5	-1.8/-7.7	-1.1/-8.0	-1.1/-8.3	-0.3/-8.6	-0.3/-8.8	-0.7/--
BUR	0.08	-0.0/0.0	0.0/-0.1	0.1/0.2	0.2/0.3	0.3/0.5	0.7/0.8	0.8/0.5	0.6/-2.7	0.5/-2.8	0.5/-2.9	0.1/-2.9	-0.5/-3.0	-0.7/-3.0	-0.6/-3.1	-0.8/--
BWI	-1.10	0.1/0.0	0.1/-0.7	-0.1/-0.7	0.2/-0.4	-0.0/-1.2	-0.5/-2.0	-0.6/-3.8	-0.8/-6.9	-1.2/-7.2	-1.4/-7.5	-1.1/-7.7	-2.0/-8.0	-2.8/-8.3	-2.8/-8.5	-3.7/--
CAE	-0.30	-0.3/0.0	-0.5/1.3	-0.7/1.1	-0.5/1.7	-0.6/1.5	-0.9/0.9	-0.8/0.8	-1.1/0.9	-0.9/0.6	-0.3/0.4	0.3/0.1	0.2/-0.1	0.6/-0.4	1.0/-0.7	-0.1/--
CHA	-0.27	-0.3/0.0	-0.5/1.2	-0.1/1.3	0.1/1.2	0.2/0.6	0.0/1.3	-0.2/1.2	-0.7/-1.3	-0.8/-1.5	-0.3/-1.8	-0.4/-2.1	0.3/-2.4	-0.0/-2.6	-0.2/-2.9	-1.0/--
CLE	1.56	1.2/0.0	1.5/0.5	2.5/0.1	2.8/0.6	3.2/0.5	3.5/-1.2	3.7/-1.0	3.2/-6.5	2.4/-6.8	0.4/-7.1	0.2/-7.4	0.2/-7.6	-0.0/-7.9	-0.2/-8.2	-1.1/--
CLT	0.09	0.1/0.0	-0.1/1.5	-0.3/1.2	0.1/2.4	0.1/1.9	-0.6/1.0	-0.4/1.4	-0.6/1.7	-0.6/1.4	0.0/1.2	0.6/0.9	0.7/0.6	0.9/0.4	1.3/0.1	-0.1/--
CMH	0.08	0.5/0.0	0.6/2.7	1.1/3.0	1.2/3.3	1.6/2.5	1.9/1.0	2.2/0.7	1.8/-3.6	0.9/-3.9	-0.9/-4.2	-1.4/-4.5	-1.4/-4.8	-1.7/-5.2	-2.2/-5.5	-3.1/--
CON	1.31	-0.0/0.0	0.5/1.4	0.8/1.0	1.2/0.1	0.6/-0.4	0.9/-2.1	2.0/-3.4	2.2/-7.8	2.3/-8.1	1.5/-8.5	1.6/-8.8	1.8/-9.2	1.5/-9.6	1.8/-9.9	0.9/--
COS	-4.03	-0.6/0.0	-0.6/-2.8	-1.3/-2.1	-2.1/-1.9	-2.1/-1.3	-2.6/-2.4	-3.0/-1.6	-3.5/-5.5	-4.5/-5.7	-7.0/-5.9	-5.6/-6.1	-5.6/-6.3	-7.0/-6.5	-7.3/-6.8	-7.6/--
COU	-1.89	-0.4/0.0	-0.4/0.9	-0.2/0.8	-0.2/0.3	-0.5/-0.4	-0.1/-0.5	-0.7/-0.4	-1.7/-5.5	-2.3/-5.8	-2.5/-6.1	-2.5/-6.5	-2.4/-6.8	-3.6/-7.1	-4.8/-7.5	-6.0/--
CQT	-0.35	-0.4/0.0	-0.3/-1.2	-0.2/-1.5	-0.1/-1.5	-0.1/-0.8	0.1/-1.1	0.2/-1.2	0.2/-2.1	-0.1/-2.1	-0.3/-2.2	-0.6/-2.2	-0.7/-2.3	-0.8/-2.4	-1.1/-2.4	-1.0/--
CRP	0.73	0.4/0.0	0.6/-1.3	0.5/-0.9	0.3/-0.2	-0.3/0.2	-0.0/1.5	0.3/1.7	0.6/2.3	0.6/2.0	0.8/1.8	1.3/1.5	1.9/1.3	1.4/1.1	1.2/0.8	1.5/--
CRW	0.46	-0.1/0.0	0.3/2.2	0.7/2.0	1.1/2.2	1.7/1.0	1.5/0.1	2.1/-0.5	1.7/-3.5	0.9/-3.8	0.6/-4.1	0.3/-4.4	0.1/-4.6	-0.7/-4.9	-1.2/-5.1	-2.1/--
CVG	-1.02	-0.0/0.0	0.3/1.5	0.7/1.5	1.0/1.5	1.1/1.1	1.5/-0.1	1.2/-0.1	0.9/-3.7	-0.1/-4.0	-1.7/-4.4	-2.9/-4.7	-2.9/-5.0	-3.6/-5.3	-5.1/-5.6	-5.6/--
DAY	0.16	0.5/0.0	0.8/2.0	1.4/2.2	1.7/2.5	1.8/1.8	2.4/0.8	2.2/0.4	2.0/-3.7	0.9/-4.0	-0.6/-4.3	-1.6/-4.6	-1.0/-4.9	-1.5/-5.3	-2.7/-5.5	-3.8/--
DBQ	-1.71	0.2/0.0	-0.2/0.0	-0.1/0.1	0.2/-0.1	0.2/0.2	0.4/-0.2	-1.3/-0.3	-2.6/-7.7	-3.2/-8.0	-2.8/-8.4	-2.7/-8.8	-2.8/-9.1	-3.2/-9.5	-3.5/-9.9	-4.3/--
DCA	-0.99	0.0/0.0	0.2/-1.3	0.1/-1.9	0.2/-0.7	0.1/-1.8	-0.3/-2.2	-0.3/-3.8	-0.7/-7.2	-1.0/-7.5	-1.4/-7.7	-1.0/-8.0	-1.9/-8.3	-2.5/-8.6	-2.7/-8.8	-3.5/--
DEC	0.72	1.3/0.0	1.7/1.4	2.5/1.2	3.1/1.1	3.4/1.0	3.9/1.0	2.8/-0.6	2.0/-5.1	0.5/-5.4	-0.5/-5.7	-0.7/-6.1	-0.8/-6.5	-1.8/-6.8	-2.7/-7.1	-3.8/--
DEN	-2.57	-0.2/0.0	-0.6/-1.3	-1.0/-1.6	-0.9/-1.7	-0.6/-1.0	-0.8/-1.6	-1.4/-1.7	-2.2/-4.9	-3.2/-5.1	-3.4/-5.3	-3.6/-5.5	-4.3/-5.8	-4.8/-6.0	-5.8/-6.2	-5.8/--
DFW	-0.03	0.0/0.0	0.4/0.7	0.1/0.6	-0.0/1.2	-0.1/1.3	-0.1/1.8	0.3/2.2	-0.0/-0.0	0.0/-0.3	-0.4/-0.5	-0.1/-0.8	0.3/-1.1	-0.0/-1.4	-0.6/-1.6	-0.4/--
DLH	-2.45	-0.4/0.0	-0.5/0.5	-0.3/-0.3	-0.6/-0.6	-0.3/-2.6	0.0/-3.9	-1.5/-4.9	-2.4/-13.8	-3.2/-14.3	-3.8/-14.6	-4.3/-15.0	-4.7/-15.5	-5.1/-15.8	-4.9/-16.2	-4.8/--
DSM	-2.30	-1.2/0.0	-1.1/-0.1	-0.7/0.1	-0.9/0.3	-0.3/-0.4	-0.4/0.4	-1.9/-1.5	-2.5/-7.0	-2.5/-7.4	-3.0/-7.7	-2.6/-8.1	-3.2/-8.5	-3.6/-8.9	-4.8/-9.3	-5.8/--
DTW	0.44	0.3/0.0	0.4/0.2	0.8/0.6	1.6/1.1	1.5/1.0	1.8/0.2	2.2/-0.9	1.2/-5.8	0.8/-6.1	-1.0/-6.4	-0.6/-6.7	-0.1/-7.0	-0.3/-7.4	-0.6/-7.6	-1.5/--
ELP	1.30	0.5/0.0	0.7/-1.6	0.9/-1.1	1.1/-1.0	1.1/-0.9	1.3/0.4	1.6/0.1	1.7/0.1	1.8/-0.1	1.5/-0.3	1.7/-0.5	1.6/-0.7	1.3/-1.0	1.4/-1.2	1.4/--
ERI	0.01	0.6/0.0	0.7/4.4	0.8/4.3	0.9/4.4	0.3/4.1	0.3/1.6	0.8/1.6	-0.1/-3.3	0.2/-3.6	-0.8/-3.9	-1.0/-4.2	-0.9/-4.5	-0.4/-4.7	-0.4/-5.0	-0.8/--
EUG	0.87	-0.1/0.0	-0.0/0.3	-0.0/0.2	0.0/0.8	0.2/0.3	0.7/0.5	0.7/0.4	0.6/-0.9	0.9/-1.0	0.9/-1.1	1.4/-1.1	1.6/-1.2	1.7/-1.3	2.1/-1.3	2.6/--
EVV	-0.74	0.4/0.0	0.8/1.8	0.9/1.9	1.4/1.4	1.4/1.1	1.2/0.5	0.2/0.0	-0.2/-3.7	-1.0/-4.1	-1.6/-4.4	-2.1/-4.7	-2.1/-5.0	-2.7/-5.4	-3.6/-5.7	-4.1/--
EWR	-1.63	-0.5/0.0	-0.5/-1.3	-0.4/-1.2	-0.1/-1.2	-0.3/-1.5	-1.0/-2.1	-0.8/-3.8	-1.6/-7.6	-1.8/-7.9	-3.0/-8.2	-2.5/-8.5	-2.7/-8.7	-2.9/-9.0	-2.7/-9.3	-3.7/--
FAR	-3.30	-0.4/0.0	-1.6/-0.7	-2.4/-1.1	-3.2/-2.0	-3.0/-1.8	-2.9/-4.1	-3.0/-5.7	-3.4/-13.2	-4.1/-13.7	-4.7/-14.1	-3.7/-14.6	-4.2/-15.1	-4.5/-15.5	-4.0/-16.0	-4.3/--
FAT	0.82	0.5/0.0	0.4/0.1	0.2/0.3	0.7/-0.5	0.8/0.3	1.3/0.6	1.1/0.5	1.1/-0.2	0.9/-0.4	0.8/-0.5	0.8/-0.6	0.7/-0.7	0.6/-0.8	1.0/-0.9	1.2/--
FLG	0.54	0.6/0.0	0.8/0.4	0.5/1.5	0.6/1.0	0.5/0.8	0.9/1.6	1.1/1.3	0.7/-0.3	0.7/-0.5	0.4/-0.6	0.9/-0.8	0.7/-0.9	-0.0/-1.1	0.2/-1.2	-0.5/--
FMY	-0.22	-0.0/0.0	-0.0/1.0	0.1/1.4	0.1/1.9	-0.2/2.4	-0.4/2.3	-0.6/4.7	-0.8/5.1	-0.3/5.0	0.4/4.9	-0.5/4.7	-0.4/4.6	-0.4/4.5	-0.2/4.3	-0.3/--
FSD	-2.31	-0.7/0.0	-0.8/-1.8	-0.6/-0.3	-0.1/-1.6	-0.3/-1.2	-0.2/-1.8	-1.9/-2.1	-2.0/-10.4	-2.2/-10.7	-3.3/-11.1	-3.8/-11.5	-3.9/-11.9	-4.5/-12.3	-4.7/-12.6	-5.9/--
FWA	-0.44	-0.0/0.0	-0.1/-0.6	-0.0/-0.2	0.8/-0.2	1.0/-0.4	2.0/-0.8	2.4/-1.0	2.2/-6.6	1.7/-6.9	-2.4/-7.3	-2.1/-7.6	-2.2/-8.0	-2.6/-8.3	-3.1/-8.6	-4.0/--

GAD	-0.46	-0.3/0.0	-0.5/0.8	-0.3/0.4	-0.3/0.2	-0.4/0.4	-0.3/0.6	-0.1/1.2	-0.5/0.1	-1.1/-0.2	-0.6/-0.4	-1.2/-0.7	-0.3/-0.9	-0.2/-1.2	-0.3/-1.5	-0.5/--
GEG	0.59	-0.1/0.0	-0.2/1.3	-0.2/1.6	-0.3/1.5	-0.3/0.8	-0.1/0.8	0.1/0.5	0.1/-2.3	0.5/-2.5	1.5/-2.6	1.3/-2.8	1.4/-2.9	1.5/-3.1	1.6/-3.3	1.8/--
GTF	1.72	2.2/0.0	3.0/0.5	3.8/0.1	3.4/-0.6	3.5/-0.9	3.4/-2.1	2.5/-2.2	2.5/-10.2	2.1/-10.5	1.9/-10.7	0.8/-10.9	0.1/-11.1	-0.4/-11.3	-1.1/-11.5	-1.9/--
HOU	-1.48	-0.3/0.0	-0.4/-0.4	-0.5/-0.6	-0.8/-0.1	-1.2/0.9	-1.0/1.9	-1.1/2.1	-0.8/3.2	-1.2/2.9	-1.8/2.7	-2.3/2.5	-2.2/2.3	-2.8/2.0	-2.9/1.7	-3.0/--
HSV	-0.72	-0.5/0.0	-0.9/1.8	-0.6/0.6	-0.4/0.8	-0.6/1.1	-0.9/1.5	-1.1/0.5	-1.5/-0.4	-1.3/-0.7	-0.8/-0.9	-0.6/-1.2	0.2/-1.4	-0.1/-1.7	-0.4/-1.9	-1.1/--
IAH	-0.40	-0.4/0.0	-0.2/-0.8	-0.2/0.4	-0.3/0.2	-0.6/0.8	-0.5/2.1	-0.1/1.7	-0.2/1.5	-0.4/1.3	-0.7/1.1	-0.9/0.8	0.1/0.5	-0.3/0.3	-0.7/0.1	-0.6/--
ICT	0.32	0.6/0.0	0.4/0.2	0.6/-0.1	1.5/-0.6	1.7/-1.5	1.7/-0.9	1.6/-0.8	0.7/-4.5	1.0/-4.8	0.1/-5.2	0.8/-5.5	-0.1/-5.8	-1.3/-6.1	-2.0/-6.4	-2.6/--
ILG	-0.95	0.1/0.0	0.3/-0.6	0.4/-0.9	0.5/-0.2	0.3/-0.9	-0.1/-1.6	-0.1/-3.4	-0.5/-6.7	-0.9/-7.0	-1.3/-7.2	-1.4/-7.5	-2.2/-7.8	-2.9/-8.1	-2.8/-8.4	-3.8/--
IND	-1.26	0.2/0.0	0.7/1.1	0.9/1.0	1.3/1.3	1.2/1.0	1.3/0.5	1.0/-0.9	0.1/-5.9	-0.8/-6.3	-2.5/-6.6	-3.3/-6.9	-3.3/-7.3	-4.1/-7.6	-5.8/-7.9	-6.0/--
IPT	-0.65	0.5/0.0	0.6/-0.9	0.9/-0.7	1.2/-0.9	1.4/-2.3	1.2/-3.0	1.2/-4.6	1.1/-9.5	0.5/-9.8	-2.1/-10.1	-2.2/-10.4	-3.1/-10.7	-3.4/-11.0	-3.4/-11.3	-4.3/--
JAN	-1.20	-0.2/0.0	-0.2/0.5	-0.3/-0.4	-0.4/0.2	-0.6/0.2	-0.9/1.0	-1.2/0.6	-1.7/1.6	-2.1/1.4	-2.2/1.1	-2.0/0.9	-1.6/0.6	-1.3/0.4	-1.6/0.1	-1.6/--
JAX	0.11	-0.1/0.0	-0.0/0.4	0.1/1.0	0.2/1.0	0.1/2.0	0.0/0.8	-0.3/2.5	-0.7/4.3	-0.6/4.1	0.1/3.9	-0.1/3.7	0.5/3.5	0.3/3.3	1.1/3.1	1.1/--
JFK	-1.17	-0.3/0.0	-0.4/-1.5	-0.4/-1.3	-0.1/-1.5	-0.1/-1.7	-0.6/-2.9	-0.6/-3.9	-1.0/-8.3	-1.6/-8.5	-1.9/-8.8	-2.1/-9.0	-2.1/-9.3	-1.9/-9.5	-1.9/-9.8	-2.8/--
LAN	1.18	0.6/0.0	0.7/2.1	1.3/2.6	1.9/2.4	1.9/2.5	2.3/1.4	2.7/1.1	1.7/-6.3	1.3/-6.6	-0.2/-7.0	0.5/-7.3	0.8/-7.6	0.8/-7.9	1.0/-8.3	0.2/--
LAS	0.20	-0.2/0.0	-0.1/0.5	-0.2/0.8	-0.1/0.5	-0.0/1.1	0.5/0.4	1.0/0.7	0.9/-3.3	0.9/-3.5	0.8/-3.7	0.8/-3.9	-0.0/-4.1	-0.5/-4.3	-0.2/-4.5	-0.4/--
LAX	-0.63	-0.3/0.0	-0.2/-0.4	-0.1/-0.2	-0.2/-0.1	-0.3/-0.1	-0.2/-0.8	-0.0/-0.1	-0.1/-1.1	-0.2/-1.2	-0.4/-1.3	-1.0/-1.3	-1.3/-1.3	-1.5/-1.4	-1.7/-1.4	-1.9/--
LEX	-2.00	-0.4/0.0	-0.4/0.5	-0.4/0.1	0.0/0.6	0.0/0.4	0.1/-0.9	-0.7/-1.0	-1.0/-3.3	-2.1/-3.5	-2.5/-3.8	-3.2/-4.1	-3.6/-4.4	-4.4/-4.7	-5.5/-5.0	-5.9/--
LFK	0.14	-0.0/0.0	0.0/0.2	0.2/-0.0	0.3/0.5	-0.1/1.2	-0.0/1.9	0.2/2.2	0.3/2.8	0.0/2.5	0.1/2.3	-0.1/2.1	0.5/1.9	0.2/1.6	0.1/1.4	0.3/--
LGA	-1.85	-0.5/0.0	-0.6/-0.2	-0.7/-0.0	-0.6/-0.2	-0.9/-1.0	-1.3/-1.9	-0.9/-3.3	-1.6/-8.1	-2.0/-8.4	-3.2/-8.6	-2.8/-8.9	-2.9/-9.1	-2.9/-9.3	-3.0/-9.6	-3.8/--
LGB	0.21	0.1/0.0	0.2/0.3	0.2/0.9	0.5/0.7	0.5/0.9	0.9/0.5	1.2/0.5	1.4/-0.0	1.0/-0.1	0.4/-0.2	-0.3/-0.3	-0.6/-0.4	-0.7/-0.5	-0.7/-0.5	-0.8/--
LIT	-0.82	-0.2/0.0	-0.0/-0.1	-0.5/0.1	-0.5/-0.3	-0.8/-0.5	-1.1/-0.3	-0.9/0.0	-0.9/-1.7	-0.8/-2.0	-1.0/-2.2	-0.6/-2.5	-0.5/-2.8	-0.7/-3.1	-1.7/-3.4	-1.9/--
LNS	-0.78	0.6/0.0	0.9/-1.1	1.0/-1.3	1.4/-0.4	1.2/-1.8	0.8/-2.6	0.5/-4.2	0.1/-14.4	-0.5/-14.7	-2.0/-15.0	-2.1/-15.4	-2.9/-15.7	-3.3/-16.0	-3.4/-16.3	-4.2/--
MAF	0.41	0.2/0.0	0.4/0.5	0.5/1.1	0.3/1.9	0.4/0.8	0.1/1.8	0.1/2.5	0.4/0.3	0.4/0.0	-0.3/-0.2	0.8/-0.5	1.2/-0.7	0.8/-0.9	0.7/-1.2	0.1/--
MBA	-0.08	-0.2/0.0	-0.3/0.7	-0.2/0.4	-0.1/-0.4	-0.6/-1.8	-0.8/-3.4	-0.2/-3.7	0.2/-7.8	0.2/-8.1	-0.1/-8.5	-0.1/-8.7	0.3/-9.0	0.3/-9.4	0.5/-9.7	-0.1/--
MCI	-1.74	-0.0/0.0	-0.1/-0.5	0.3/-0.1	0.3/-0.5	0.6/-2.1	0.3/-1.3	-0.9/-0.9	-1.8/-5.6	-2.0/-5.9	-2.4/-6.3	-2.3/-6.6	-3.1/-7.0	-4.0/-7.3	-5.3/-7.6	-5.5/--
MCN	0.65	0.3/0.0	0.3/0.0	0.4/1.1	0.6/1.3	0.8/1.3	0.7/1.0	0.6/1.3	0.4/2.1	0.5/1.9	0.8/1.6	1.0/1.4	0.8/1.2	0.9/0.9	1.1/0.6	0.4/--
MCO	0.02	-0.1/0.0	-0.0/0.8	0.1/1.2	0.1/1.2	-0.0/1.5	-0.2/1.3	-0.5/3.1	-0.6/4.5	-0.4/4.3	0.2/4.1	-0.0/4.0	0.2/3.8	0.1/3.6	0.8/3.5	0.7/--
MDT	-1.08	0.1/0.0	0.4/-1.5	0.5/-1.4	0.7/-1.5	0.5/-2.0	0.4/-2.6	0.0/-4.1	-0.5/-7.1	-1.3/-7.4	-1.9/-7.7	-2.3/-8.0	-2.8/-8.3	-2.9/-8.5	-3.2/-8.8	-3.9/--
MEM	-0.72	0.3/0.0	0.5/1.9	0.4/1.4	0.1/1.0	-0.6/1.5	-1.3/1.2	-1.0/0.5	-1.0/-1.1	-0.1/-1.4	-1.2/-1.7	-1.0/-2.0	-0.5/-2.3	-1.2/-2.6	-1.5/-2.9	-2.5/--
MHT	0.66	0.3/0.0	0.3/-0.5	0.4/-0.4	0.8/-1.3	0.5/-1.8	0.4/-3.0	0.8/-3.6	1.0/-17.5	1.0/-17.8	0.7/-18.2	0.6/-18.6	1.0/-18.9	0.9/-19.3	1.0/-19.7	0.3/--
MIA	-0.03	-0.3/0.0	-0.1/0.2	-0.1/0.9	0.0/1.5	-0.3/1.9	-0.5/1.8	-0.5/3.5	-0.7/4.2	-0.2/4.1	0.4/4.0	-0.2/3.8	0.1/3.7	0.5/3.6	0.9/3.5	0.6/--
MKE	1.60	0.4/0.0	0.7/1.7	1.3/2.2	2.1/2.0	2.8/1.2	3.8/1.0	3.3/0.5	2.7/-6.2	2.2/-6.5	1.1/-6.8	0.8/-7.1	1.4/-7.4	1.0/-7.7	0.7/-8.0	-0.3/--
MOB	-0.08	0.2/0.0	0.4/0.2	0.5/0.4	0.6/0.5	0.3/1.2	-0.1/1.9	-0.3/2.0	-0.5/4.5	-0.3/4.3	-0.6/4.0	-0.5/3.8	-0.3/3.5	-0.2/3.3	-0.2/3.1	-0.3/--
MSP	-2.98	-0.2/0.0	-0.0/1.5	-0.2/0.8	-0.4/-0.2	-0.6/-0.7	-0.9/-2.1	-1.9/-3.3	-3.3/-11.4	-3.6/-11.8	-4.6/-12.2	-5.1/-12.6	-5.3/-13.0	-5.6/-13.4	-6.2/-13.8	-6.9/--
MSY	0.73	0.4/0.0	0.5/1.0	0.5/1.1	0.7/0.9	0.6/1.2	0.2/1.8	0.2/2.1	0.1/3.1	0.1/2.8	0.2/2.6	0.7/2.4	1.3/2.2	1.6/1.9	1.7/1.6	2.1/--
MWL	0.29	0.1/0.0	0.2/1.4	0.3/1.7	0.1/1.4	0.1/1.3	0.2/2.4	0.4/2.0	0.1/3.4	0.1/3.1	0.2/2.8	0.7/2.5	0.8/2.3	0.5/2.0	0.3/1.7	0.1/--
NKX	0.74	0.2/0.0	0.6/0.1	0.4/0.5	0.4/0.7	0.6/0.8	0.9/1.3	1.5/0.6	1.4/0.0	1.1/0.0	1.6/0.0	0.4/0.0	0.3/0.0	0.2/0.0	0.7/0.0	0.9/--
NTU	-1.23	-0.6/0.0	-0.8/0.7	-1.1/1.6	-1.4/1.5	-1.4/0.5	-1.7/-0.0	-2.0/-0.9	-2.0/-3.3	-2.5/-3.5	-1.5/-3.7	-0.3/-3.9	-0.6/-4.1	-0.5/-4.3	-0.5/-4.5	-1.2/--
OAK	0.49	0.1/0.0	0.3/0.3	0.3/0.6	0.5/0.7	0.7/0.9	0.8/1.0	0.6/1.4	0.3/3.5	0.5/3.4	0.2/3.4	0.4/3.4	0.3/3.3	0.4/3.3	0.9/3.3	1.1/--
OKC	1.46	0.7/0.0	0.9/0.7	0.9/0.8	1.0/0.3	1.2/0.4	1.7/1.1	2.3/1.3	1.8/-1.5	2.3/-1.8	1.8/-2.1	3.0/-2.4	2.4/-2.7	1.4/-3.0	0.5/-3.3	0.2/--
OMA	-1.68	0.4/0.0	0.1/-0.1	-0.2/0.2	-0.4/0.3	-0.0/-0.8	-0.6/-0.1	-1.4/-1.2	-1.8/-6.2	-1.6/-6.5	-2.1/-6.9	-2.3/-7.3	-3.0/-7.6	-2.5/-7.9	-4.5/-8.3	-5.1/--
ORD	-0.10	-0.0/0.0	-0.1/0.6	0.3/0.8	0.7/1.1	1.1/0.5	1.5/0.2	1.3/-0.1	1.0/-6.7	0.3/-7.0	-0.8/-7.3	-0.6/-7.6	-0.6/-8.0	-1.2/-8.3	-1.5/-8.6	-2.7/--
ORH	-1.28	-0.7/0.0	-0.4/-0.4	-0.3/-0.8	-0.1/-1.8	-1.2/-2.3	-1.0/-3.0	-0.7/-4.0	-0.9/-10.4	-1.4/-10.7	-2.0/-11.0	-2.1/-11.3	-2.1/-11.5	-2.1/-11.8	-1.9/-12.1	-2.4/--
PDT	2.37	0.7/0.0	0.7/1.6	0.6/1.7	0.5/2.0	0.6/1.9	1.0/1.1	1.4/1.5	1.6/1.3	2.4/1.1	3.6/1.0	4.2/0.9	4.2/0.7	4.6/0.5	4.7/0.4	4.8/--
PDX	0.13	0.4/0.0	-0.2/1.5	-0.1/0.9	-0.2/1.6	-0.1/0.7	-0.1/0.2	-0.1/0.4	-0.2/-2.1	0.2/-2.2	0.2/-2.3	0.3/-2.4	0.2/-2.5	0.6/-2.6	0.5/-2.7	0.5/--
PHL	-0.76	0.3/0.0	0.4/0.1	0.6/-0.5	0.8/0.1	0.7/-0.6	0.2/-1.2	-0.0/-2.7	-0.2/-5.9	-0.6/-6.1	-1.3/-6.4	-1.4/-6.7	-2.2/-7.0	-2.6/-7.3	-2.6/-7.5	-3.4/--
PHX	1.33	0.6/0.0	0.9/1.2	0.8/1.7	0.9/1.4	1.0/1.5	1.3/1.8	1.6/1.5	1.7/-1.9	1.6/-2.1	1.7/-2.2	1.8/-2.3	1.6/-2.5	1.3/-2.6	1.5/-2.8	1.6/--
PIR	-3.43	-1.1/0.0	-1.5/-0.8	-1.9/-1.1	-2.2/-0.9	-2.7/-1.1	-2.9/-1.5	-3.3/-3.3	-3.6/-6.4	-3.9/-6.7	-3.6/-7.1	-4.1/-7.4	-4.4/-7.7	-5.2/-8.1	-5.1/-8.4	-6.0/--
PIT	-0.68	0.4/0.0	0.7/1.2	0.7/1.2	0.8/1.8	1.1/1.0	1.0/-0.6	1.1/-0.9	0.6/-4.7	-0.2/-4.9	-2.1/-5.2	-2.5/-5.5	-2.4/-5.8	-2.5/-6.1	-2.8/-6.4	-4.1/--
PVD	-0.62	0.1/0.0	-0.1/-0.3	-0.4/-0.6	-0.3/-1.1	-0.3/-2.2	-0.6/-3.3	-0.1/-4.2	-0.0/-8.7	-0.5/-8.9	-1.4/-9.2	-1.1/-9.5	-1.0/-9.8	-1.0/-10.0	-0.9/-10.3	-1.7/--
PWM	0.33	0.0/0.0	0.0/0.3	0.1/-0.2	0.2/-1.5	-0.4/-1.8	-0.6/-2.3	-0.2/-3.6	0.2/-8.4	0.5/-8.8	0.4/-9.1	0.5/-9.5	1.1/-9.8	1.1/-10.2	1.4/-10.5	0.7/--
RAL	1.29	0.8/0.0	0.9/7.3	1.0/7.4	1.1/7.5	1.2/7.1	1.4/8.2	1.6/7.1	1.8/7.4	1.5/7.3	1.4/7.3	1.3/7.2	1.1/7.1	1.3/7.0	1.5/6.9	1.5/--
RAP	-1.65	0.6/0.0	0.5/0.6	-0.1/0.1	-0.4/-0.4	-0.9/-0.1	-1.1/-0.7	-1.5/-2.0	-1.9/-5.8	-2.6/-6.1	-2.1/-6.3	-2.1/-6.6	-2.6/-6.8	-3.2/-7.1	-2.9/-7.4	-4.2/--
RBL	0.61	0.2/0.0	0.4/0.4	0.4/0.7	0.1/1.1	0.5/1.0	0.7/0.5	0.5/1.6	0.4/1.1	0.4/1.0	0.7/0.9	0.5/0.8	0.6/0.7	0.8/0.6	1.3/0.5	1.7/--
RDD	0.43	-0.0/0.0	0.1/1.1	0.1/1.3	-0.0/1.4	0.5/1.0	0.9/1.0	0.6/1.0	0.6/-0.9	0.4/-1.0	0.4/-1.1	0.2/-1.2	0.0/-1.4	0.4/-1.5	0.9/-1.5	1.2/--
RDU	-0.67	-0.3/0.0	-0.3/1.8	-0.3/1.9	-0.1/1.9	-0.3/2.1	-0.6/0.9	-0.6/0.4	-0.4/-2.5	-1.1/-2.8	-1.1/-3.1	-0.6/-3.3	-0.9/-3.5	-0.8/-3.8	-0.9/-4.1	-1.8/--
RIC	-0.88	-0.1/0.0	-0.1/-1.1	-0.0/-0.9	0.1/-0.7	-0.0/-0.8	-0.0/-1.6	-0.2/-2.6	-0.1/-5.7	-0.9/-6.0	-1.6/-6.2	-1.3/-6.5	-1.9/-6.8	-1.9/-7.0	-2.2/-7.3	-2.9/--
RNO	-0.97	-0.6/0.0	-0.8/-0.9	-0.9/-1.1	-0.9/-1.4	-0.7/-1.3	-0.6/-1.2	-0.6/-0.6	-0.8/-5.0	-1.0/-5.2	-0.7/-5.3	-1.2/-5.4	-1.5/-5.5	-1.6/-5.7	-1.5/-5.8	-1.4/--

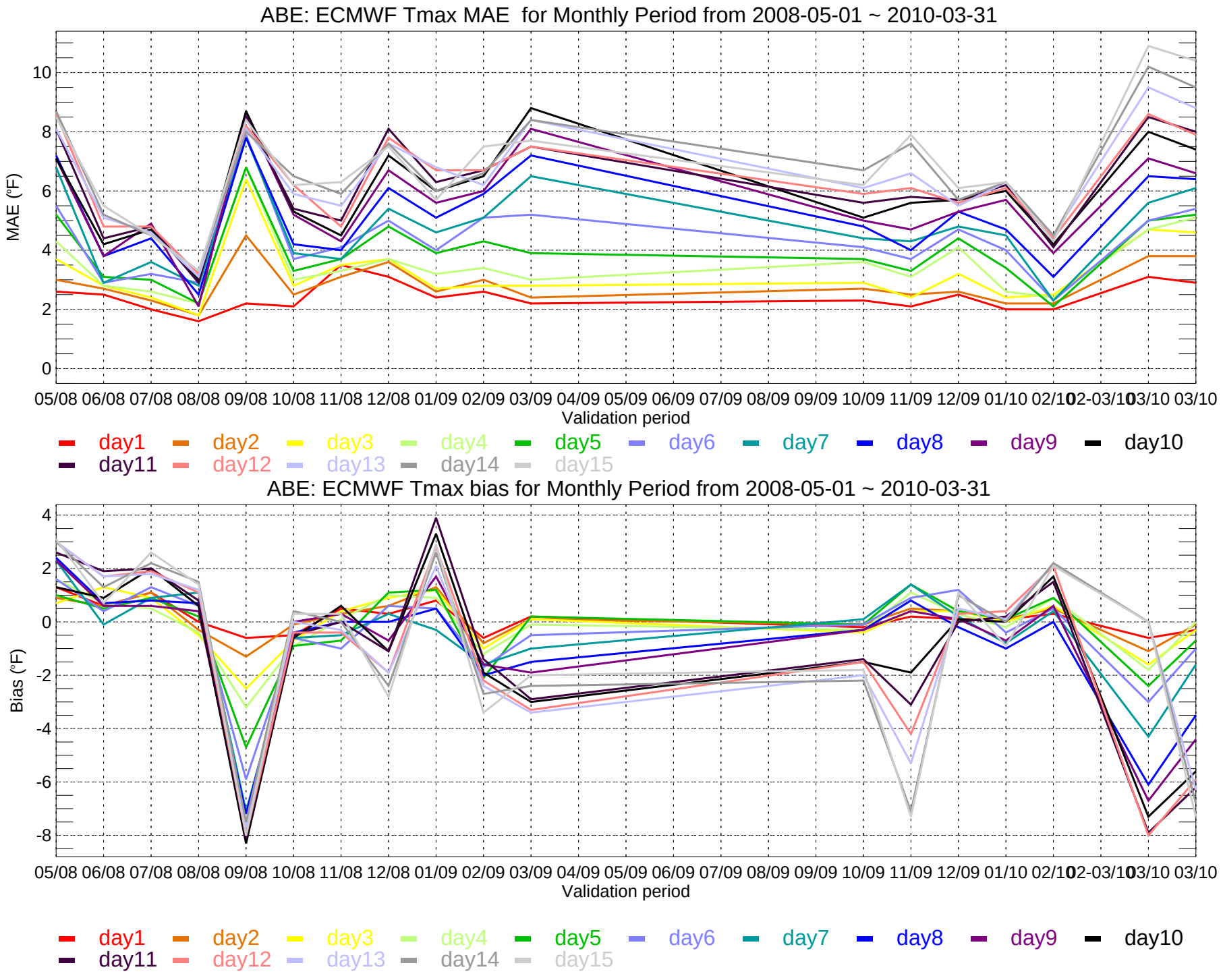
ROA	0.81	0.7/0.0	1.4/-0.4	1.7/-0.2	2.1/0.2	2.0/-0.3	1.8/-1.5	1.8/-1.5	2.0/-4.9	1.6/-5.2	0.5/-5.4	0.4/-5.7	-0.2/-6.0	-0.6/-6.3	-0.9/-6.5	-2.2/--
ROC	-1.32	-0.0/0.0	-0.2/0.9	0.0/0.7	0.1/0.2	-0.3/0.0	-0.4/-1.2	0.0/-1.5	-1.2/-8.7	-1.4/-9.1	-2.6/-9.4	-2.6/-9.6	-2.9/-9.9	-2.5/-10.2	-2.6/-10.5	-3.2/--
SAC	-0.06	-0.5/0.0	-0.6/-0.3	-0.4/-0.2	-0.3/-0.3	-0.3/-0.6	-0.3/0.2	-0.5/0.1	-0.7/0.7	-0.6/0.7	-0.6/0.6	0.6/0.5	0.4/0.4	0.6/0.3	1.0/0.3	1.1/--
SAN	-0.41	-0.4/0.0	-0.4/-0.2	-0.5/0.0	-0.5/0.3	-0.4/0.1	-0.3/0.1	-0.1/0.1	-0.2/-0.3	-0.2/-0.4	-0.2/-0.5	-0.6/-0.5	-0.7/-0.6	-0.7/-0.6	-0.6/-0.7	-0.4/--
SAT	0.19	-0.2/0.0	-0.2/1.0	-0.1/0.9	-0.2/1.9	-0.2/1.8	-0.4/2.3	-0.3/3.4	0.2/1.1	0.2/0.8	0.2/0.5	0.5/0.3	1.4/0.0	0.7/-0.2	0.5/-0.5	0.7/--
SAV	0.85	0.1/0.0	0.2/0.6	0.1/0.3	0.4/0.7	0.5/0.8	0.4/0.0	0.2/1.1	0.0/2.1	0.7/1.8	2.1/1.6	1.3/1.4	1.4/1.1	1.7/0.9	2.2/0.7	1.5/--
SDF	-1.62	-0.2/0.0	-0.1/1.7	0.1/1.5	0.7/1.5	0.5/0.9	0.6/-0.1	-0.5/0.1	-0.8/-4.1	-1.6/-4.4	-2.2/-4.7	-3.0/-5.0	-3.3/-5.4	-4.0/-5.6	-5.0/-5.9	-5.4/--
SEA	0.30	-0.0/0.0	-0.3/1.1	-0.1/1.5	-0.2/1.3	-0.4/0.9	-0.2/0.2	0.0/0.6	0.2/-1.2	0.4/-1.3	0.3/-1.4	1.0/-1.5	0.8/-1.5	0.9/-1.6	1.0/-1.6	1.0/--
SFO	0.26	-0.1/0.0	-0.0/-1.0	0.0/-0.8	0.2/-0.9	0.3/-0.6	0.4/-0.7	0.3/0.1	0.3/-1.1	0.2/-1.1	0.1/-1.1	0.4/-1.2	0.3/-1.2	0.4/-1.2	0.6/-1.3	0.6/--
SJC	0.48	0.1/0.0	0.2/0.0	0.2/0.4	0.6/0.2	0.8/0.4	0.9/0.2	0.7/1.4	0.3/1.1	0.3/1.1	0.1/1.0	0.4/0.9	0.4/0.9	0.4/0.8	0.8/0.8	1.1/--
SJT	1.06	0.7/0.0	1.0/1.4	1.1/0.7	0.8/2.0	0.8/1.4	0.4/2.0	0.6/3.2	0.6/0.8	0.7/0.5	0.9/0.3	1.9/0.0	2.1/-0.3	1.7/-0.5	1.4/-0.8	1.2/--
SLC	2.18	0.6/0.0	0.6/-0.1	0.9/-0.1	1.5/0.6	2.0/0.9	2.4/1.1	2.7/1.0	3.2/-1.1	3.0/-1.3	3.3/-1.6	2.7/-1.9	2.6/-2.2	2.3/-2.5	2.6/-2.7	2.3/--
SSI	-0.63	-0.3/0.0	-0.4/0.8	-0.6/1.1	-0.5/1.6	-0.7/2.0	-1.1/2.4	-1.3/2.4	-1.7/3.9	-1.2/3.7	-1.0/3.5	-0.5/3.3	-0.2/3.0	-0.1/2.8	0.2/2.6	-0.0/--
STL	-1.34	-0.1/0.0	-0.1/0.7	-0.0/0.6	0.1/1.1	0.3/-0.2	0.7/-0.4	-0.1/-1.3	-0.9/-5.1	-1.7/-5.5	-2.2/-5.8	-2.4/-6.2	-2.0/-6.5	-2.9/-6.9	-3.9/-7.2	-5.0/--
SYR	-1.20	-0.2/0.0	-0.1/-0.3	-0.1/-0.4	0.0/-0.6	-0.5/-1.7	-1.1/-2.4	-0.5/-3.6	-0.8/-10.0	-1.3/-10.3	-2.0/-10.7	-2.3/-11.0	-2.4/-11.3	-2.5/-11.6	-2.0/-12.0	-2.4/--
TLH	-0.27	-0.0/0.0	0.1/0.2	0.2/0.3	0.4/-0.1	0.3/0.7	-0.0/0.4	-0.1/1.5	-0.8/4.6	-0.4/4.4	-0.4/4.1	-0.6/3.9	-0.8/3.7	-1.0/3.5	-0.3/3.3	-0.4/--
TPA	-1.32	-0.2/0.0	-0.3/-0.8	-0.4/-0.4	-0.5/0.3	-0.7/0.4	-1.3/0.8	-1.5/1.5	-2.0/4.1	-1.9/3.9	-1.3/3.7	-1.6/3.5	-1.9/3.4	-2.1/3.2	-1.8/3.0	-2.2/--
TRM	2.00	0.5/0.0	0.8/1.1	1.2/2.6	1.5/2.0	2.1/1.4	2.6/1.3	2.8/1.5	3.2/0.6	3.0/0.4	2.5/0.2	2.4/0.0	2.0/-0.1	1.7/-0.3	1.9/-0.5	1.7/--
TUL	-0.11	-0.2/0.0	-0.4/0.0	-0.8/0.4	-0.6/0.5	-0.8/-0.9	-0.3/-0.0	0.6/0.3	0.4/-1.8	0.4/-2.1	0.3/-2.5	1.2/-2.8	0.7/-3.1	0.2/-3.5	-1.2/-3.8	-1.0/--
TUS	1.19	0.1/0.0	0.6/-0.3	0.5/0.0	1.2/-0.3	1.2/-0.1	1.5/0.3	2.0/0.5	2.4/-1.9	2.0/-2.0	1.6/-2.2	1.5/-2.3	1.1/-2.4	0.6/-2.6	0.8/-2.7	0.8/--
TYR	0.51	0.2/0.0	0.2/1.5	0.3/1.6	0.2/1.7	0.1/1.6	0.3/2.6	0.6/2.5	0.7/3.8	0.5/3.6	0.9/3.4	0.8/3.1	0.7/2.8	0.8/2.6	0.5/2.3	0.7/--
TYS	-0.02	-0.1/0.0	-0.4/2.2	-0.4/2.0	-0.0/2.5	-0.0/2.0	-0.2/2.1	-0.3/1.5	-0.3/-0.3	-0.3/-0.6	0.3/-0.8	-0.0/-1.1	0.5/-1.4	0.4/-1.6	0.6/-1.9	-0.1/--
VCT	-0.28	-0.3/0.0	-0.2/-0.5	-0.3/-0.8	-0.5/-0.7	-0.9/0.0	-0.9/0.8	-0.6/1.2	-0.2/3.3	-0.3/3.0	-0.3/2.8	-0.0/2.5	0.7/2.3	0.1/2.0	-0.2/1.7	-0.1/--
WJF	1.74	0.8/0.0	1.0/0.4	1.4/0.6	1.9/-0.2	1.6/0.6	2.4/0.2	2.6/0.8	2.5/1.0	2.8/0.8	2.0/0.7	1.8/0.5	1.6/0.4	1.5/0.2	1.4/0.0	0.7/--
YKM	0.62	0.0/0.0	-0.2/-0.7	-0.4/-0.8	-0.5/-0.8	-0.9/-0.7	-0.2/-1.5	-0.4/-1.2	0.4/-3.2	0.2/-3.3	1.3/-3.4	1.6/-3.6	1.7/-3.7	2.5/-3.9	2.0/-4.0	2.2/--
YNG	0.15	1.0/0.0	1.7/-0.1	1.9/-0.3	2.0/0.3	2.4/-0.4	2.3/-1.8	2.7/-2.3	2.1/-7.1	1.5/-7.5	-1.9/-7.7	-2.1/-8.0	-2.4/-8.3	-2.4/-8.6	-2.6/-8.9	-3.9/--
YQB	0.82	0.7/0.0	0.7/0.0	0.8/0.0	1.0/0.0	0.6/0.0	0.3/0.0	1.1/0.0	1.5/-13.1	1.9/-13.5	1.2/-13.9	1.1/-14.4	0.7/-14.8	0.5/-15.2	0.6/-15.6	-0.2/--
YUL	-1.13	-0.4/0.0	-0.8/0.0	-0.7/0.0	-0.8/0.0	-1.7/0.0	-1.6/0.0	-1.2/0.0	-1.5/-12.8	-1.2/-13.2	-2.0/-13.6	-1.0/-14.0	-1.3/-14.4	-1.0/-14.8	-0.7/-15.2	-1.1/--
YVR	-0.29	-0.2/0.0	-0.2/0.0	-0.4/0.0	-0.5/0.0	-0.5/0.0	-0.6/0.0	-0.4/0.0	-0.2/-2.4	-0.4/-2.5	-0.3/-2.6	-0.4/-2.7	-0.3/-2.8	0.0/-2.9	-0.0/-3.0	0.1/--
YXD	-5.60	-2.2/0.0	-2.9/0.0	-3.7/0.0	-4.9/0.0	-5.4/0.0	-5.9/0.0	-5.9/0.0	-5.7/-8.8	-6.9/-9.2	-5.8/-9.6	-6.5/-10.0	-6.3/-10.4	-6.2/-10.8	-7.4/-11.2	-8.1/--
YYC	-3.03	-1.2/0.0	-1.4/0.0	-1.6/0.0	-1.5/0.0	-1.9/0.0	-2.2/0.0	-1.7/0.0	-2.2/-10.4	-2.4/-10.6	-2.8/-10.9	-4.0/-11.2	-4.8/-11.4	-5.4/-11.7	-5.8/-12.0	-6.6/--
YYZ	-0.63	0.5/0.0	0.6/0.0	0.7/0.0	1.0/0.0	0.9/0.0	0.7/0.0	-0.2/0.0	-1.2/-10.5	-1.4/-10.9	-2.6/-11.2	-0.9/-11.5	-1.3/-11.8	-1.4/-12.1	-2.0/-12.4	-2.8/--

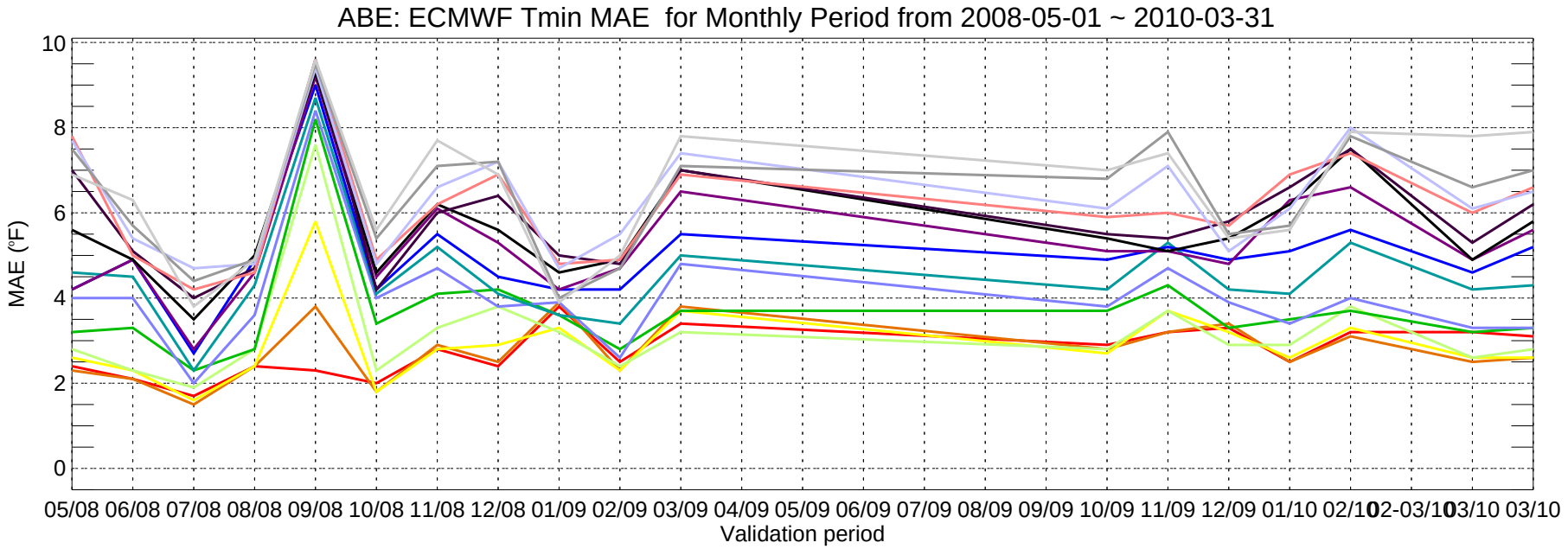
red: S < -0.3 orange: -0.3 < S < -0.1 grey: -0.1 < S < 0.1 green: 0.1 < S < 0.3 blue: S > 0.3

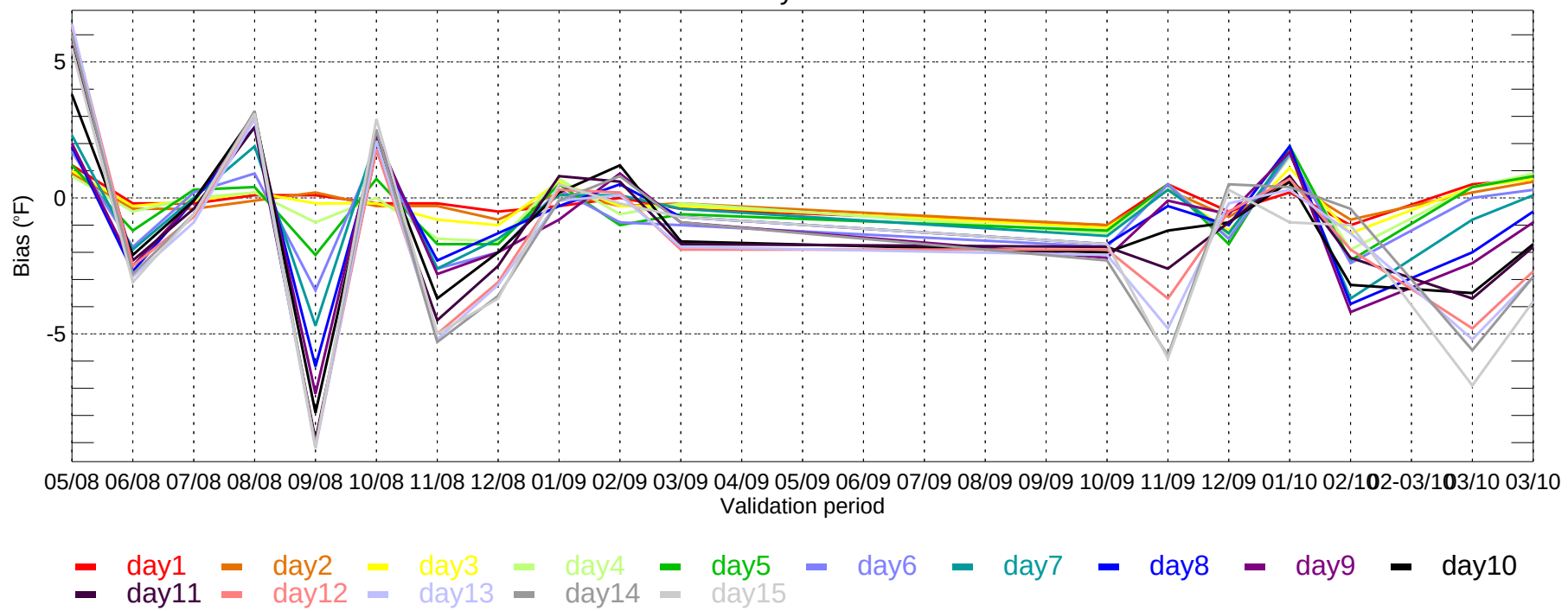
S_score: average of (1 - ECMWF-value / MEX-value)

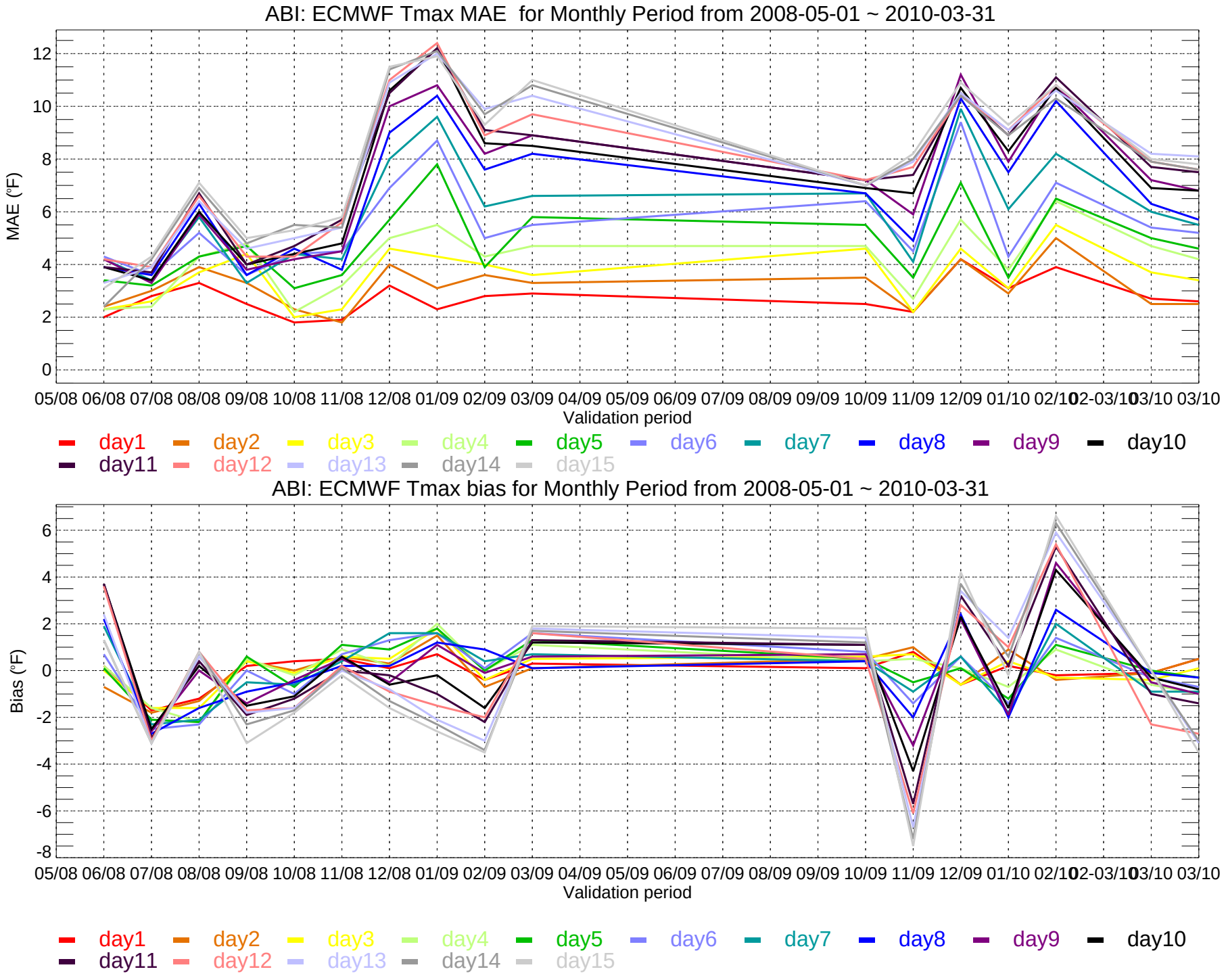
red: B >= 4.0 orange: 4.0 > B >= 2.0 black: 2.0 > B >= -2.0 green: -2.0 > B >= -4.0 blue: B < -4.0

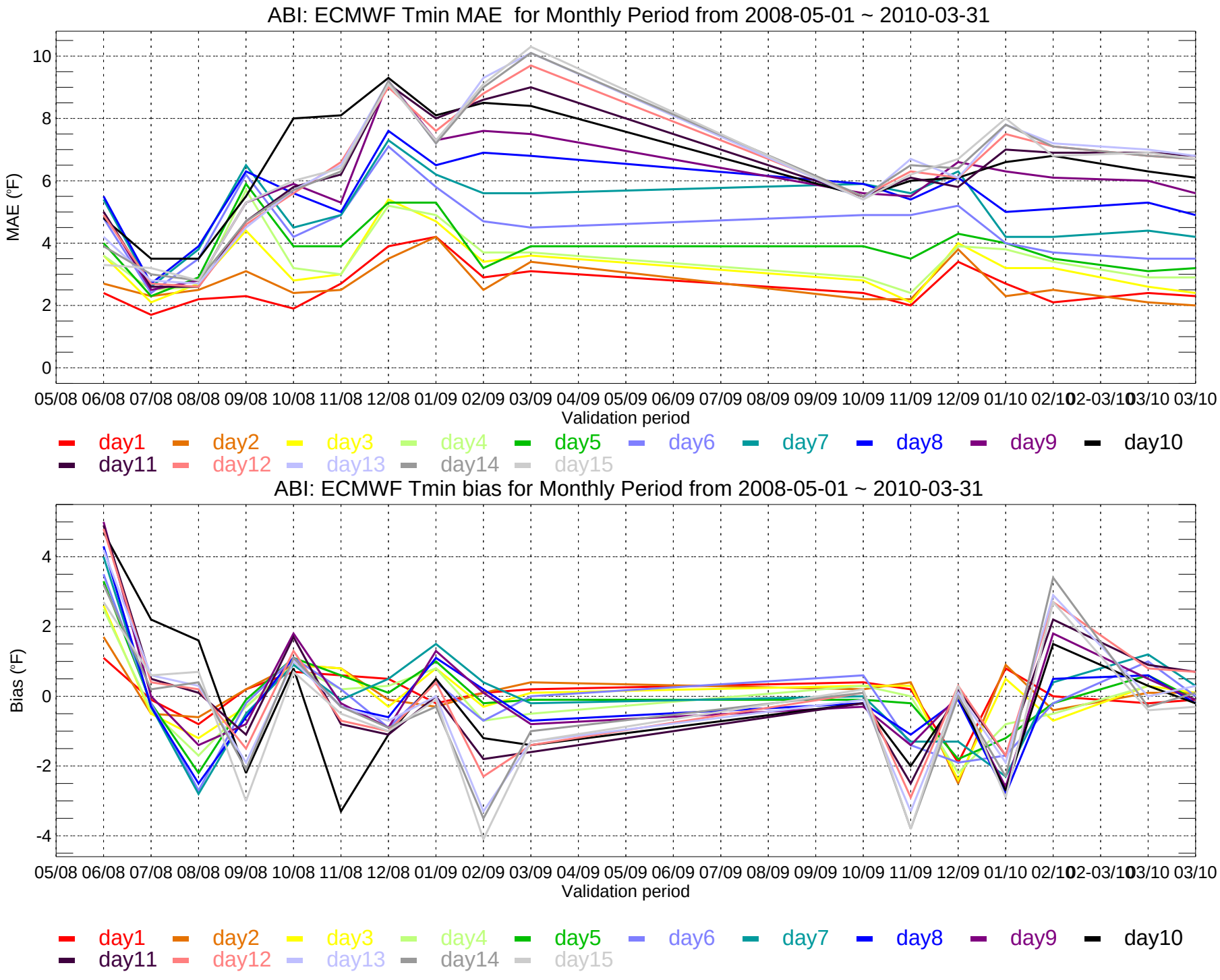
avg_bias: average of ECMWF-value

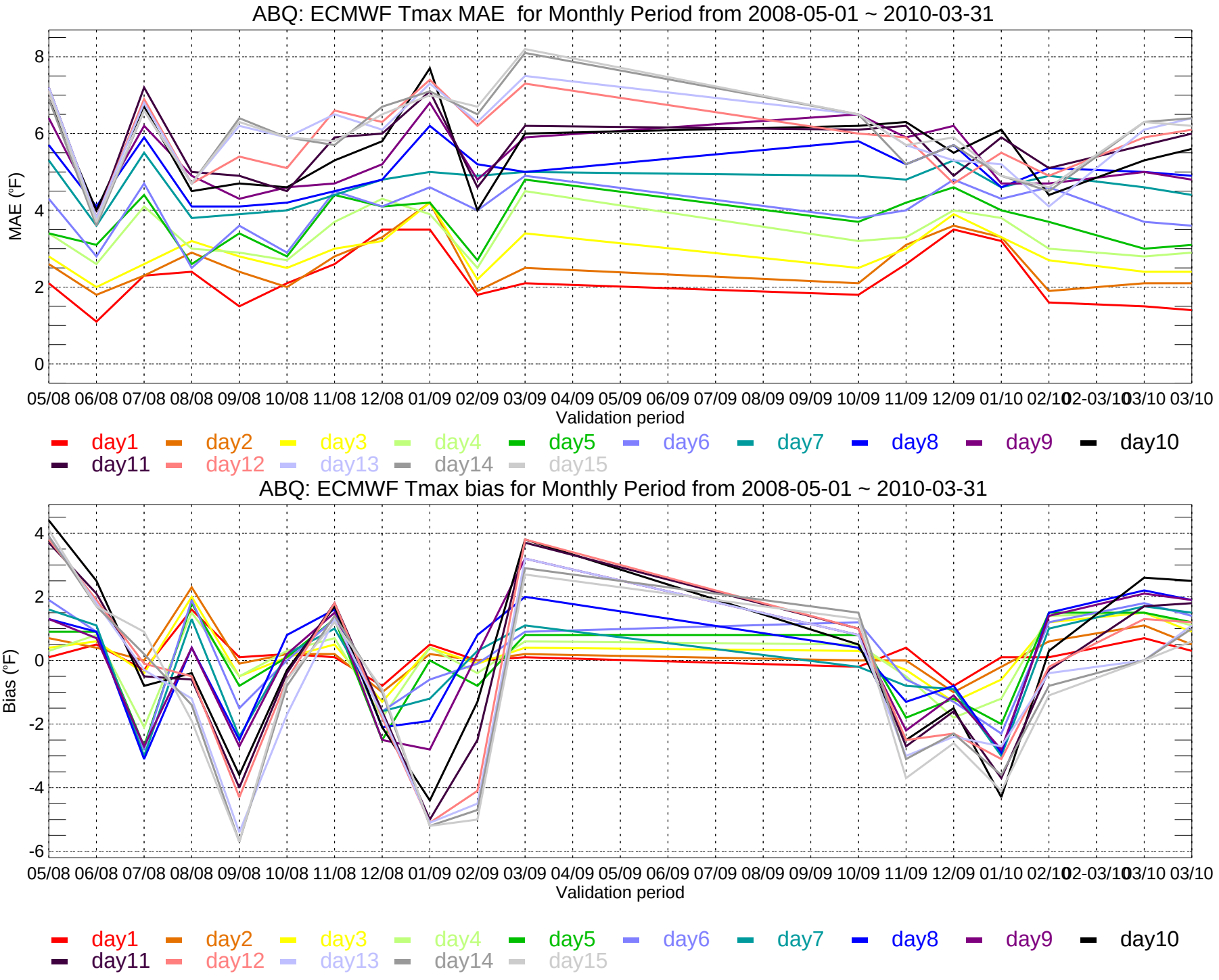

ABE: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ABE: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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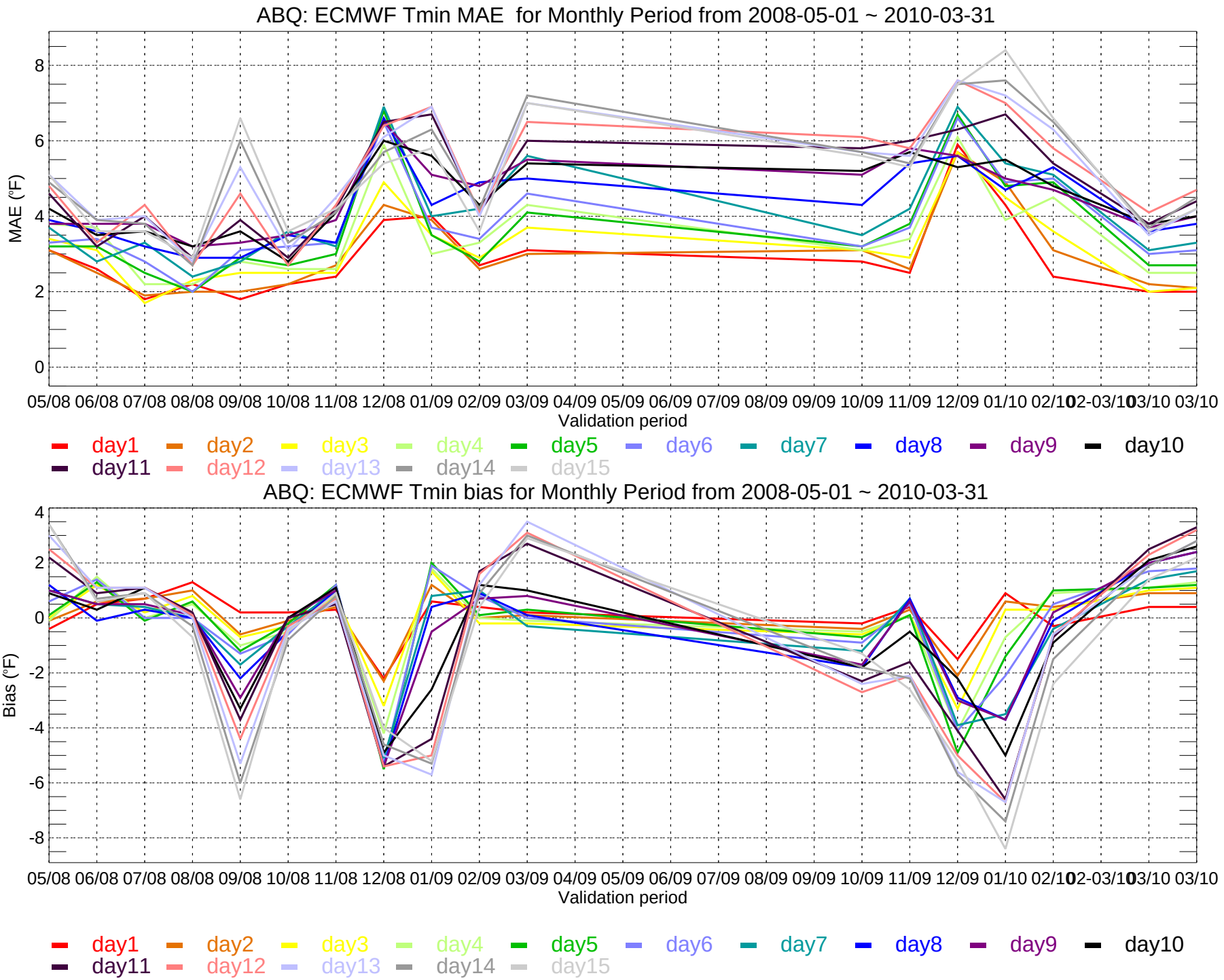
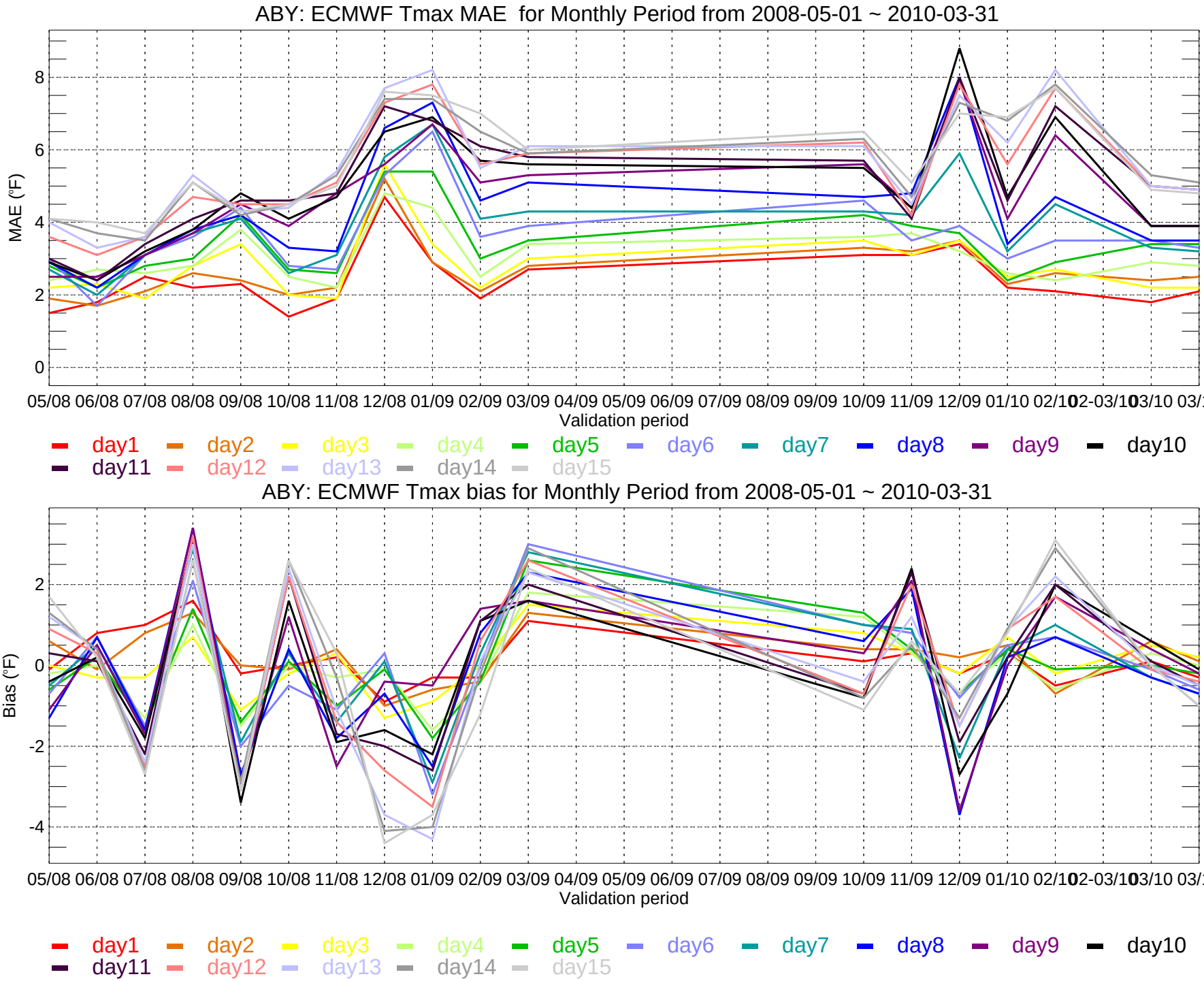
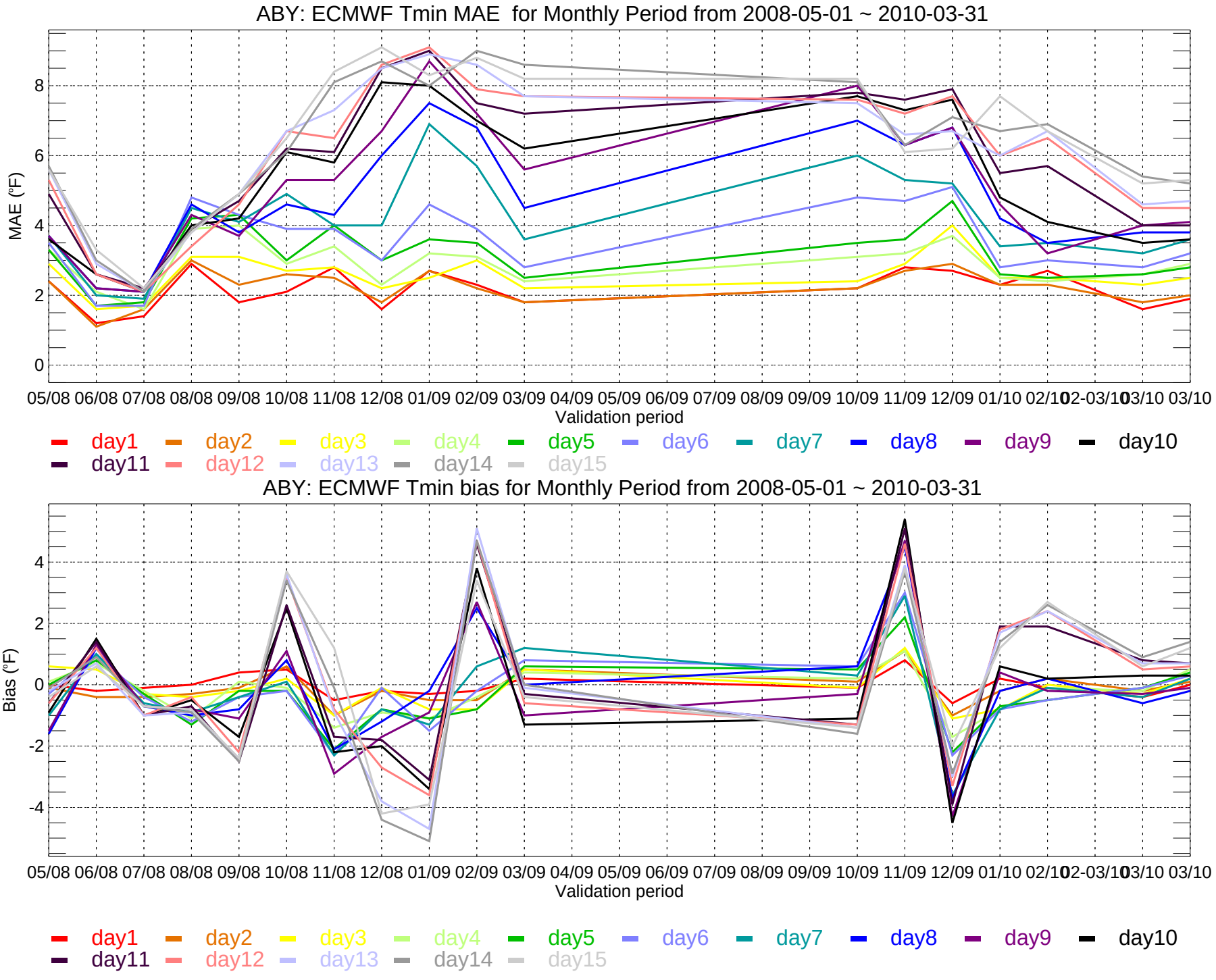
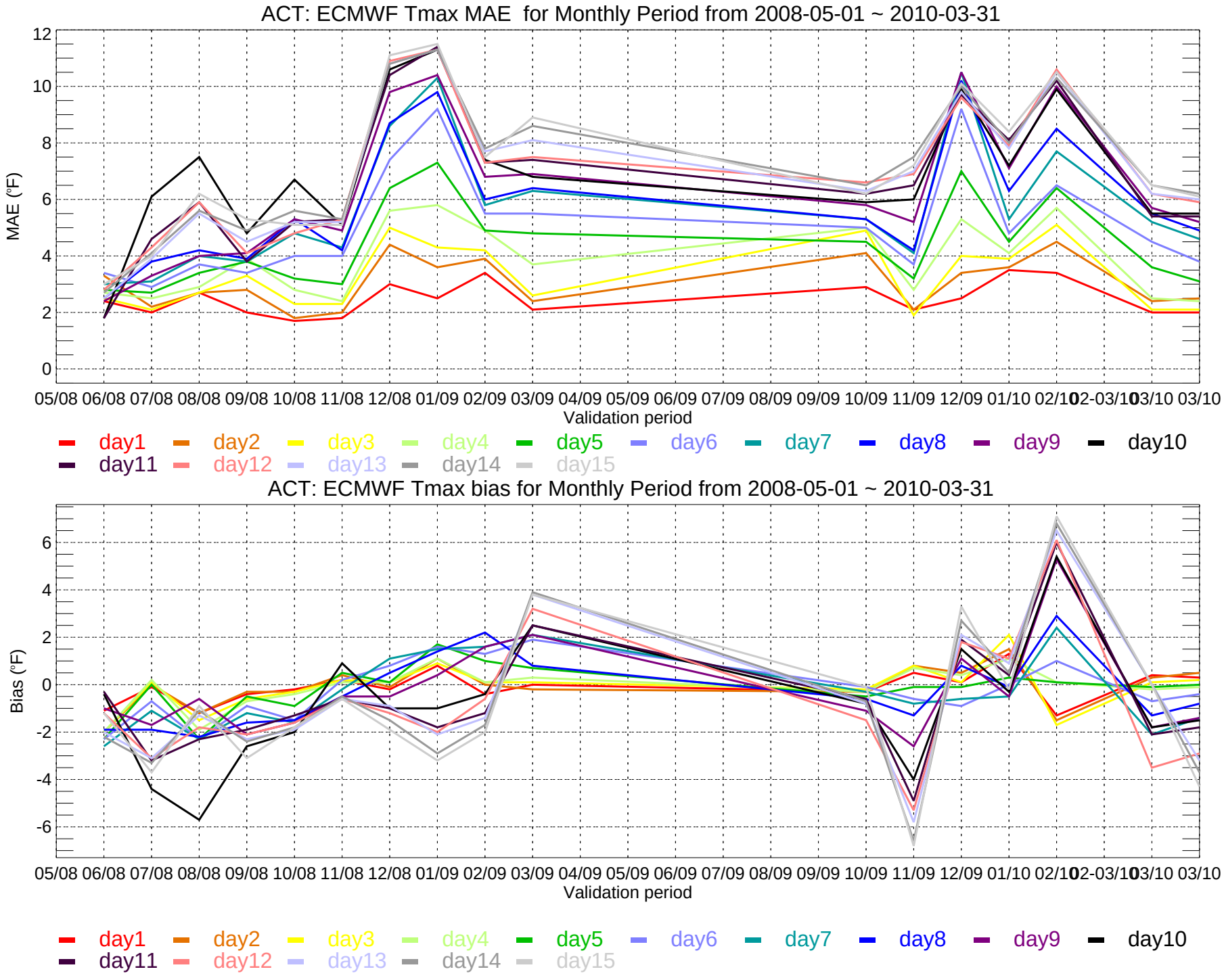
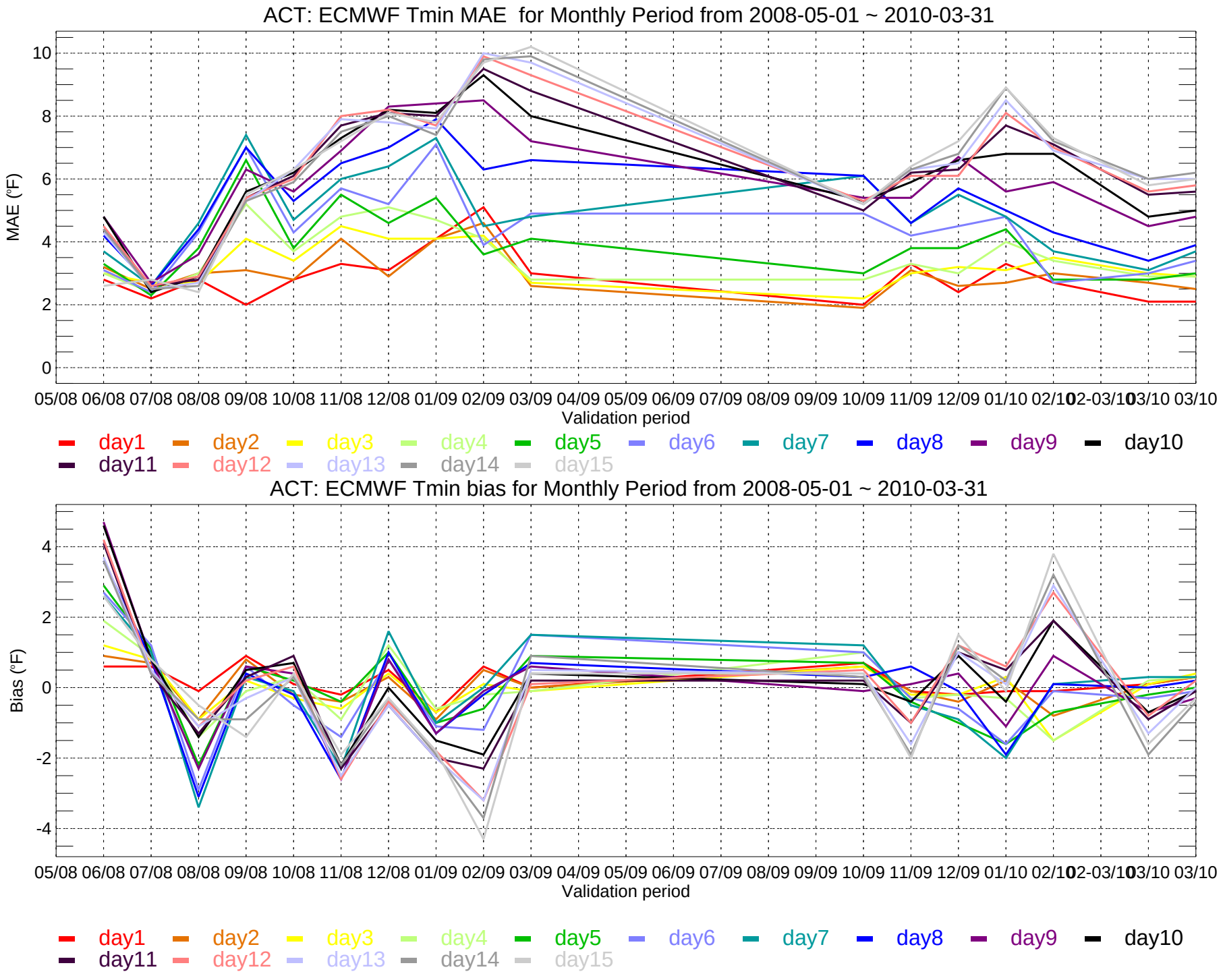
day11 day12 day13 day14 day15

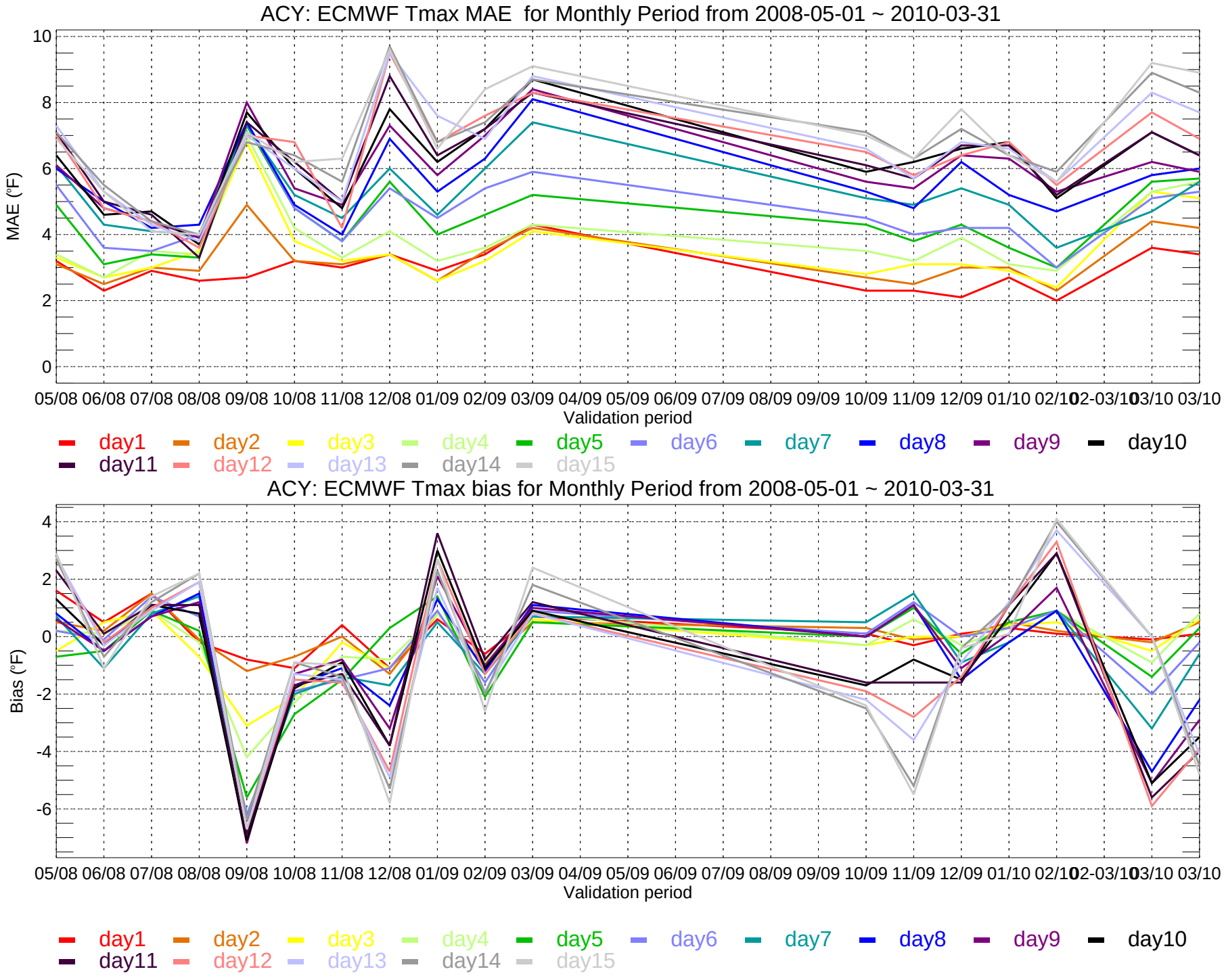

ABQ: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ABQ: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

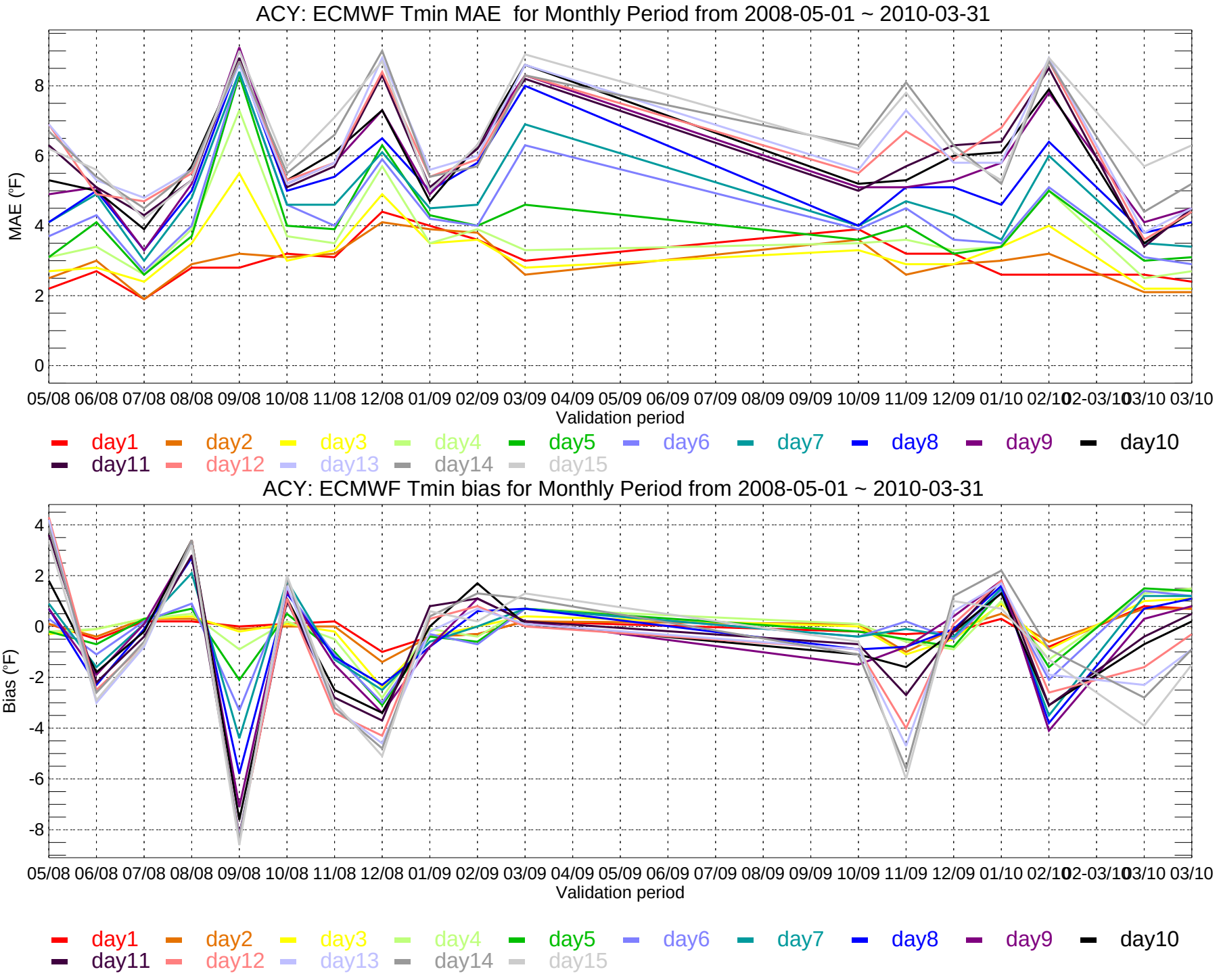

ABY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ABY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

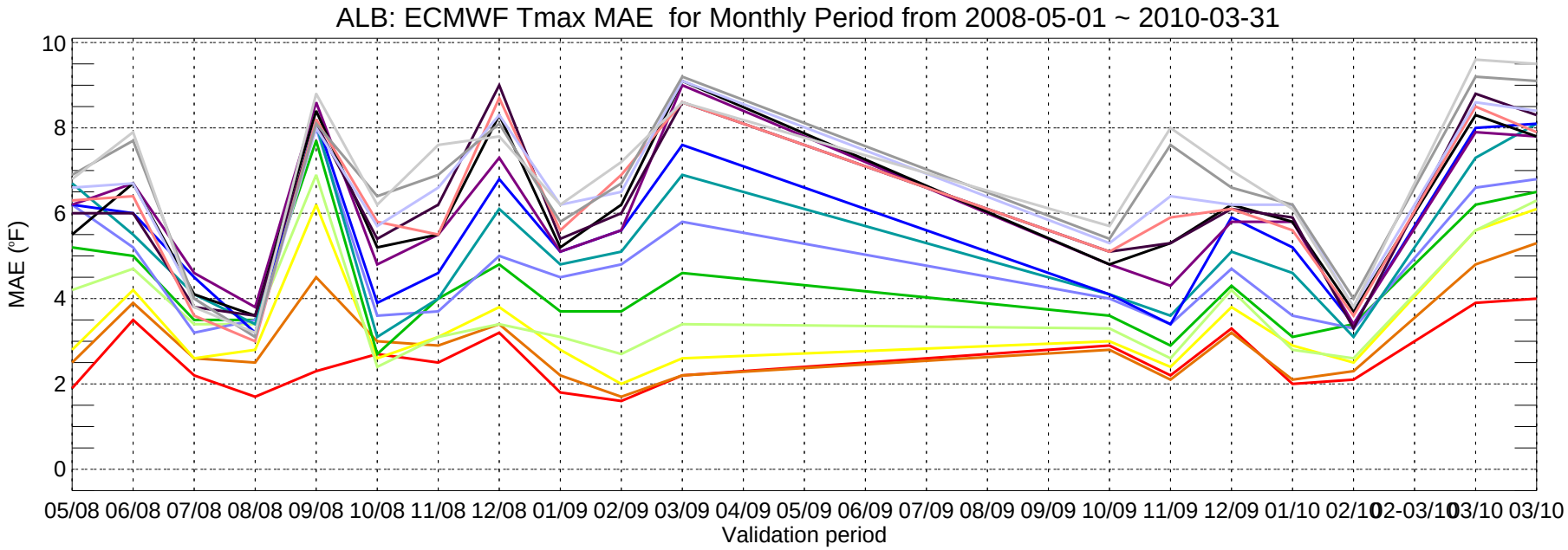

ABY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ABY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

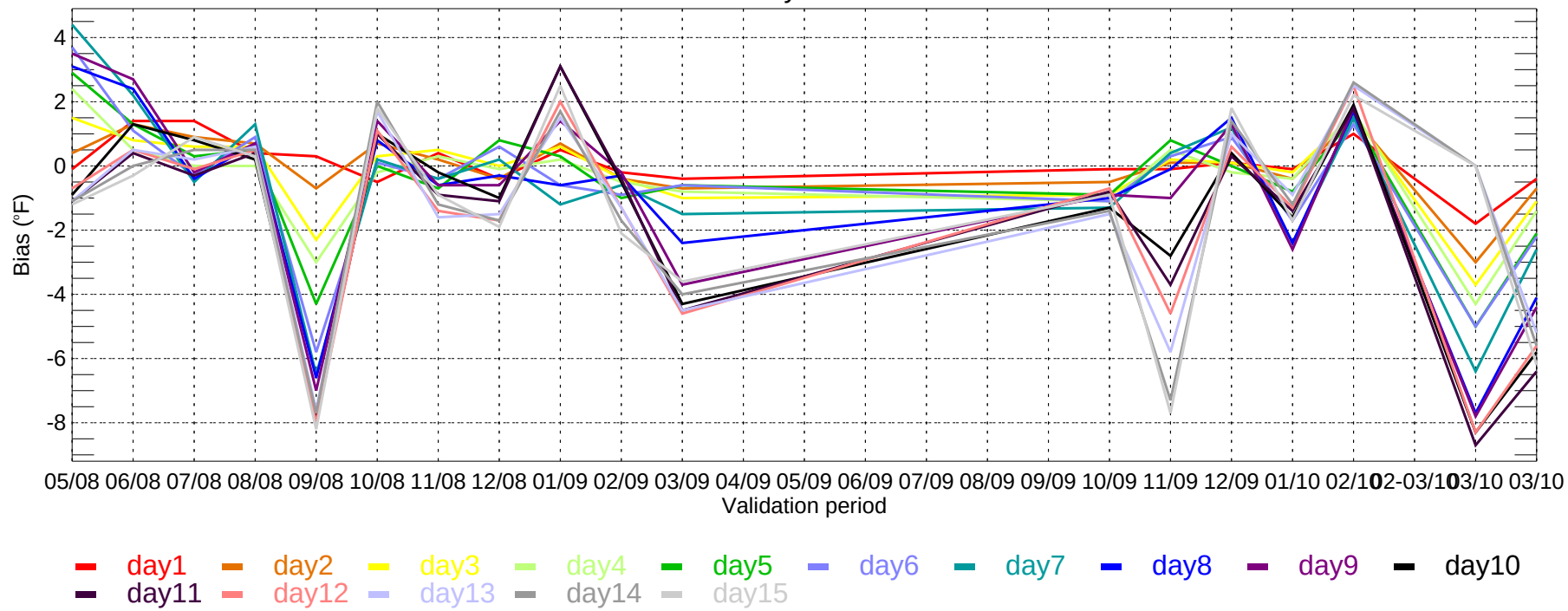

ACT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ACT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

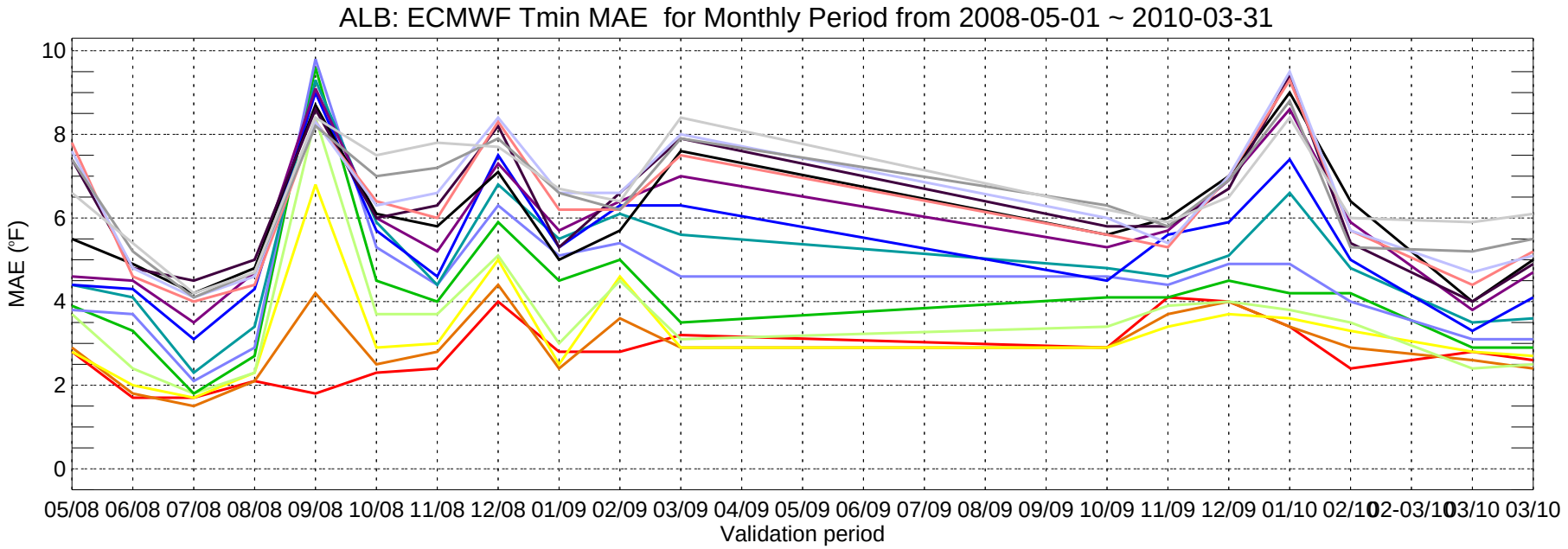

ACT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ACT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

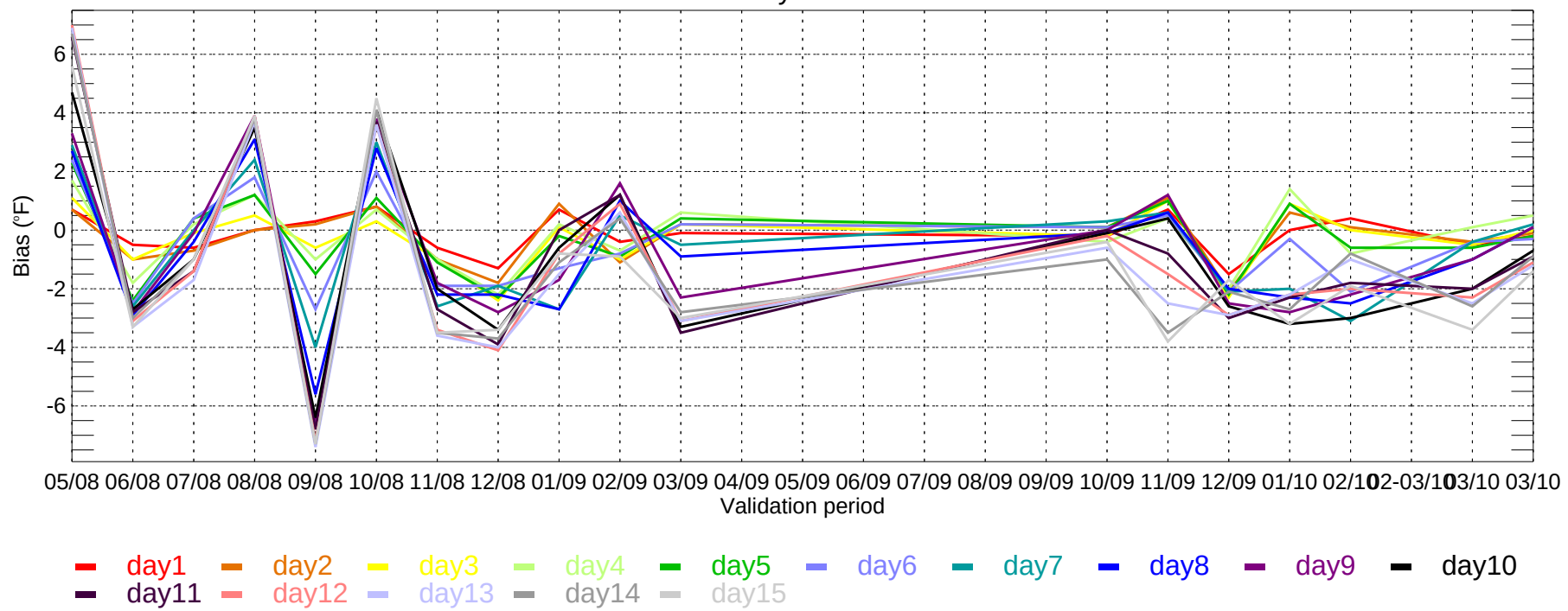

ACY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ACY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

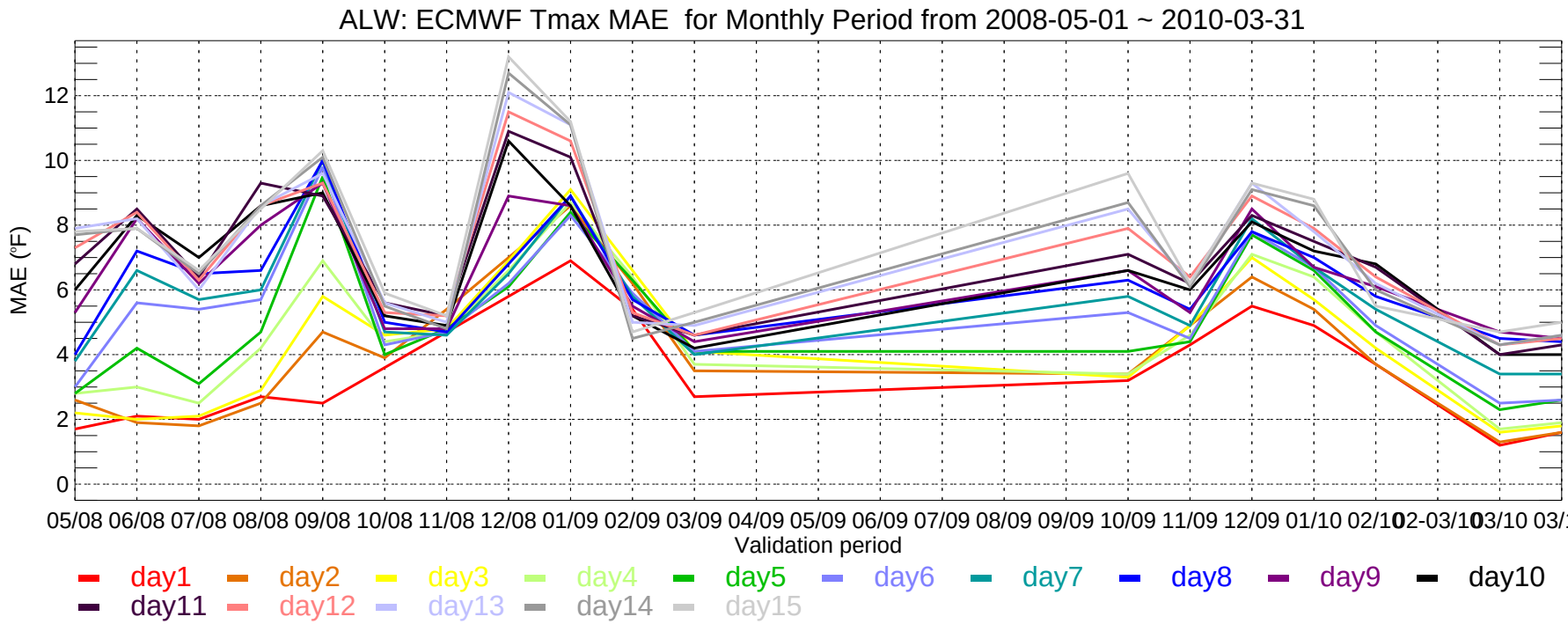

ACY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ACY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

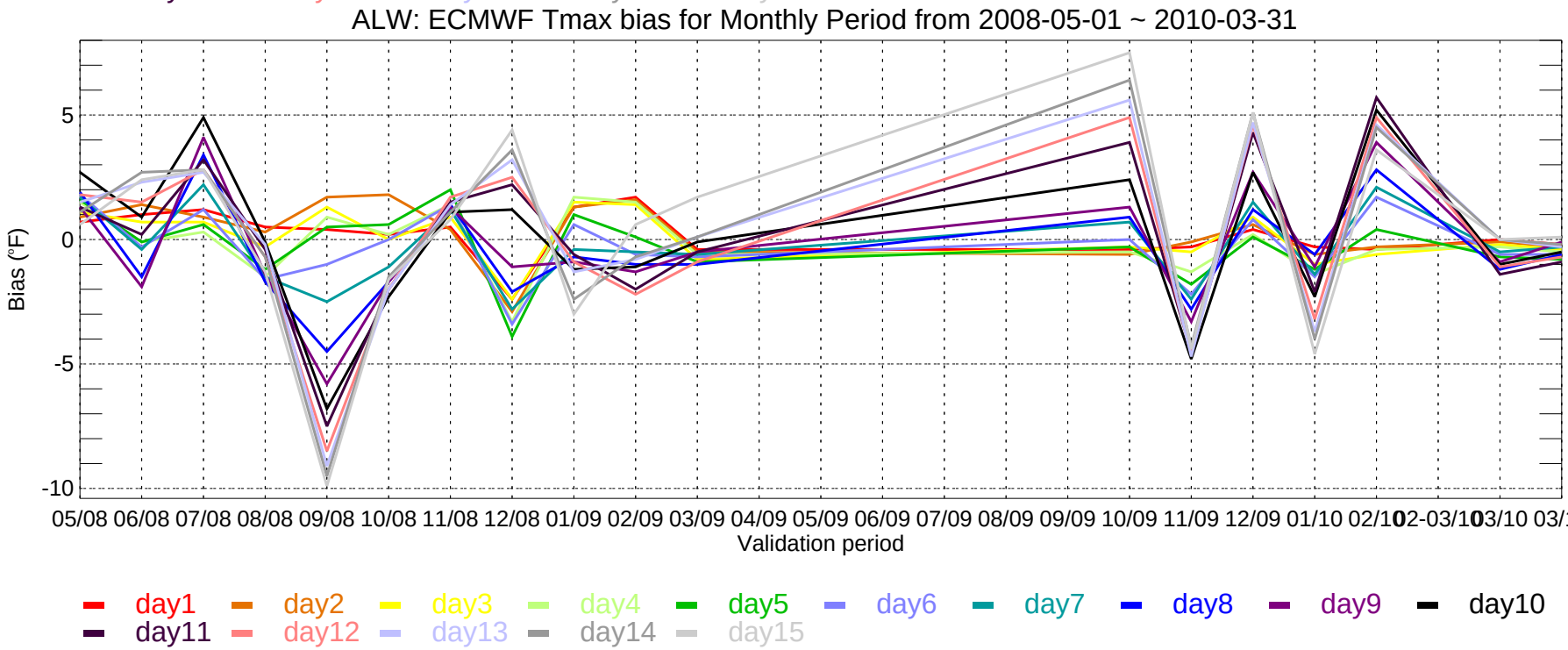

ALB: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

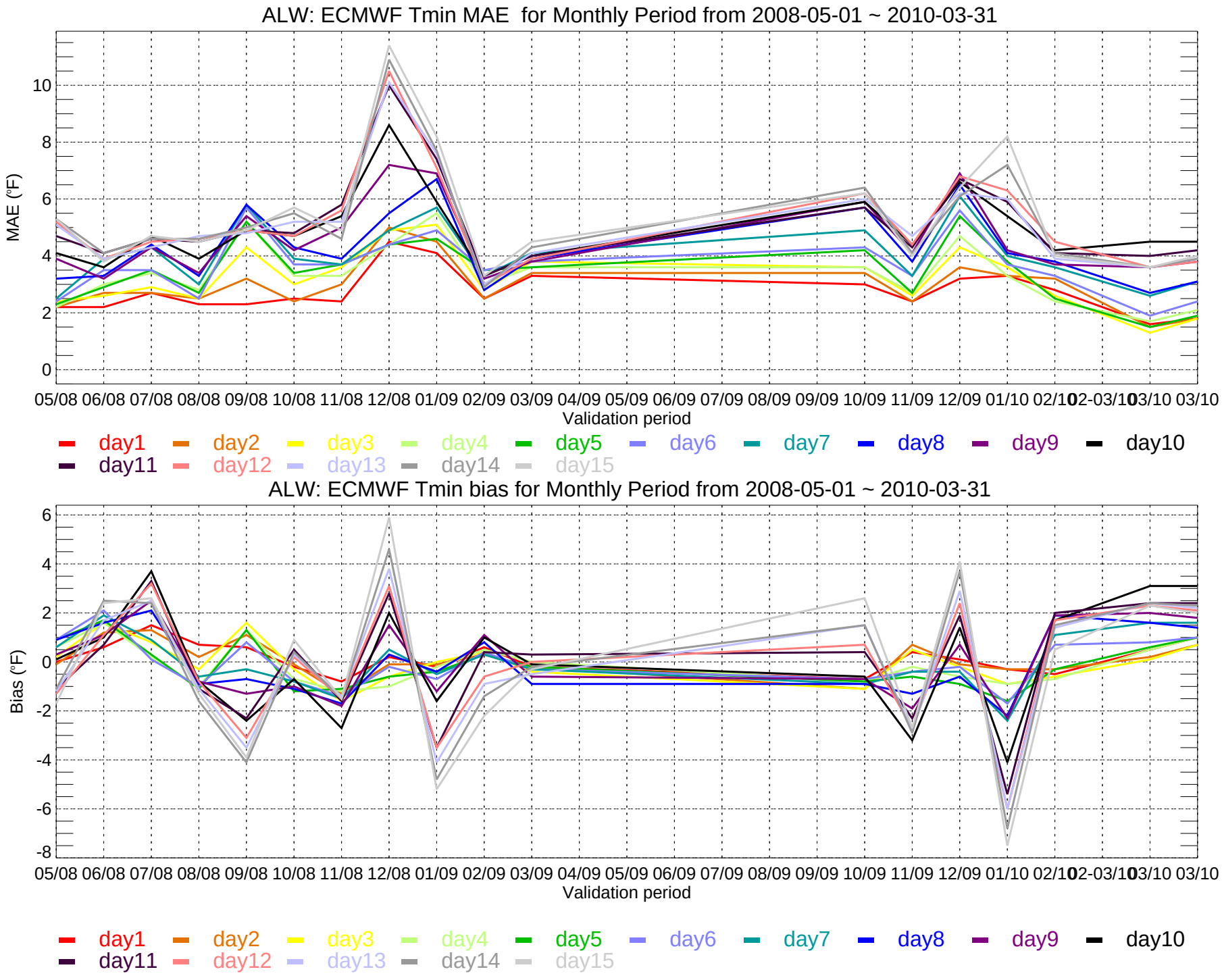

ALB: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

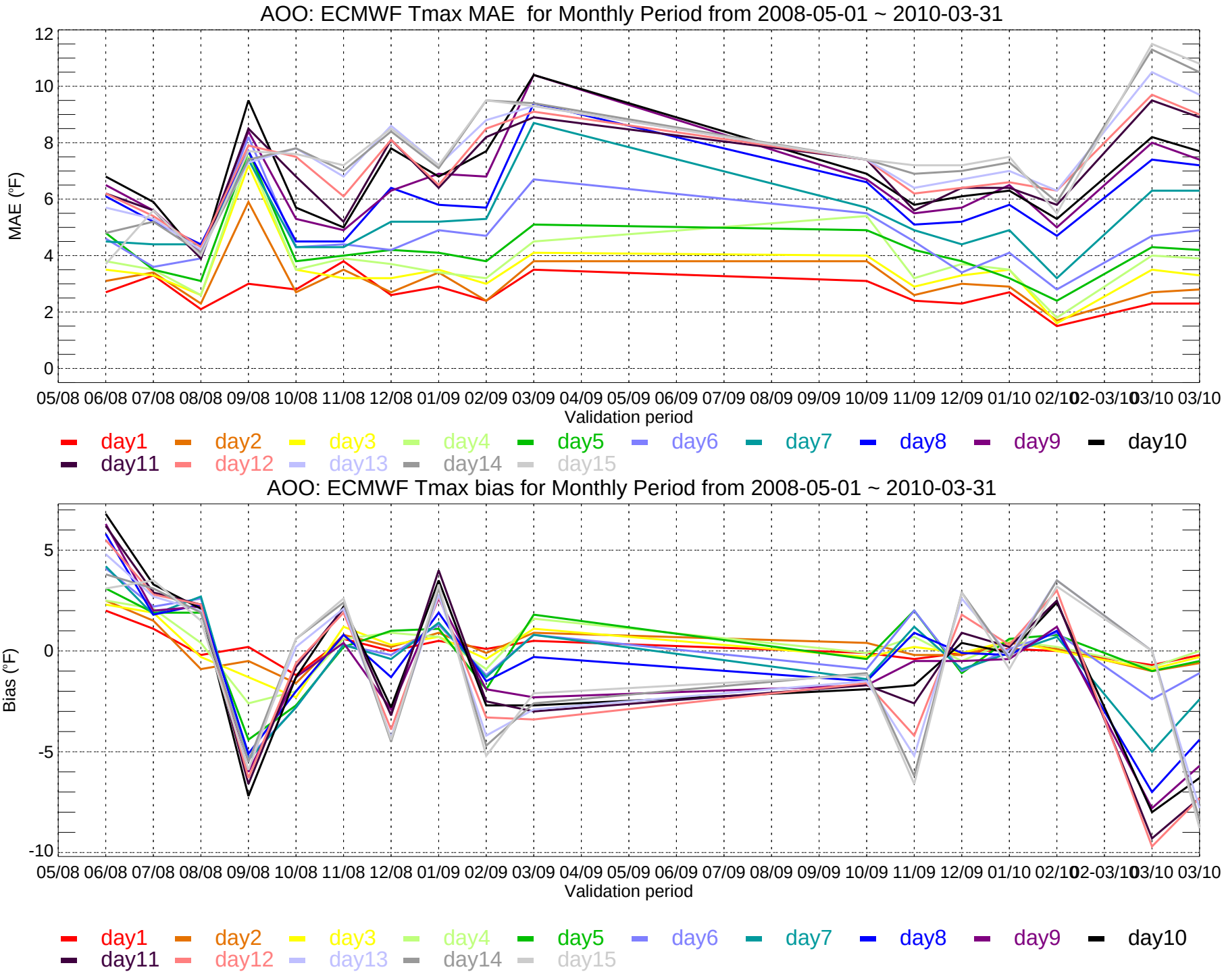

ALB: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

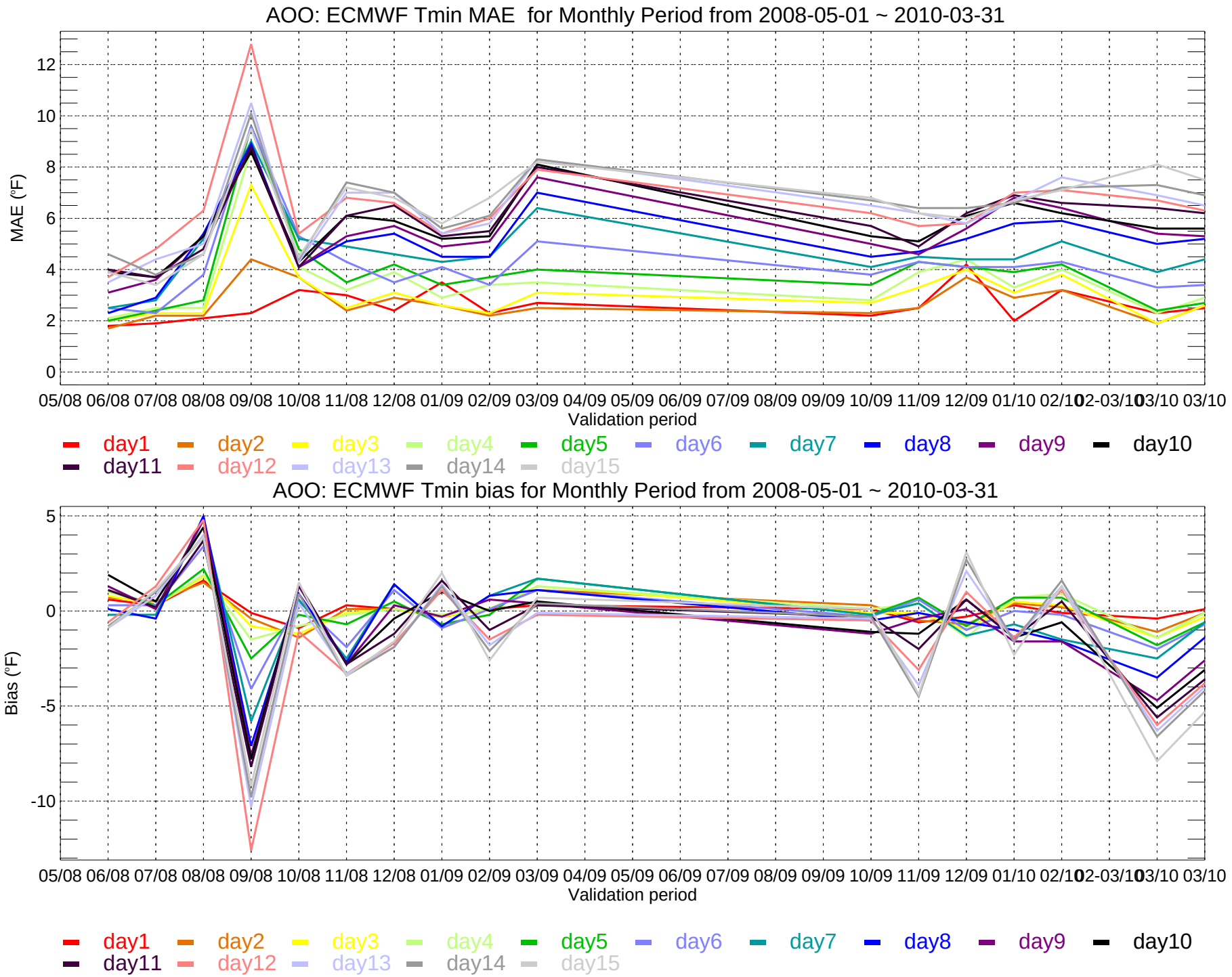

ALB: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

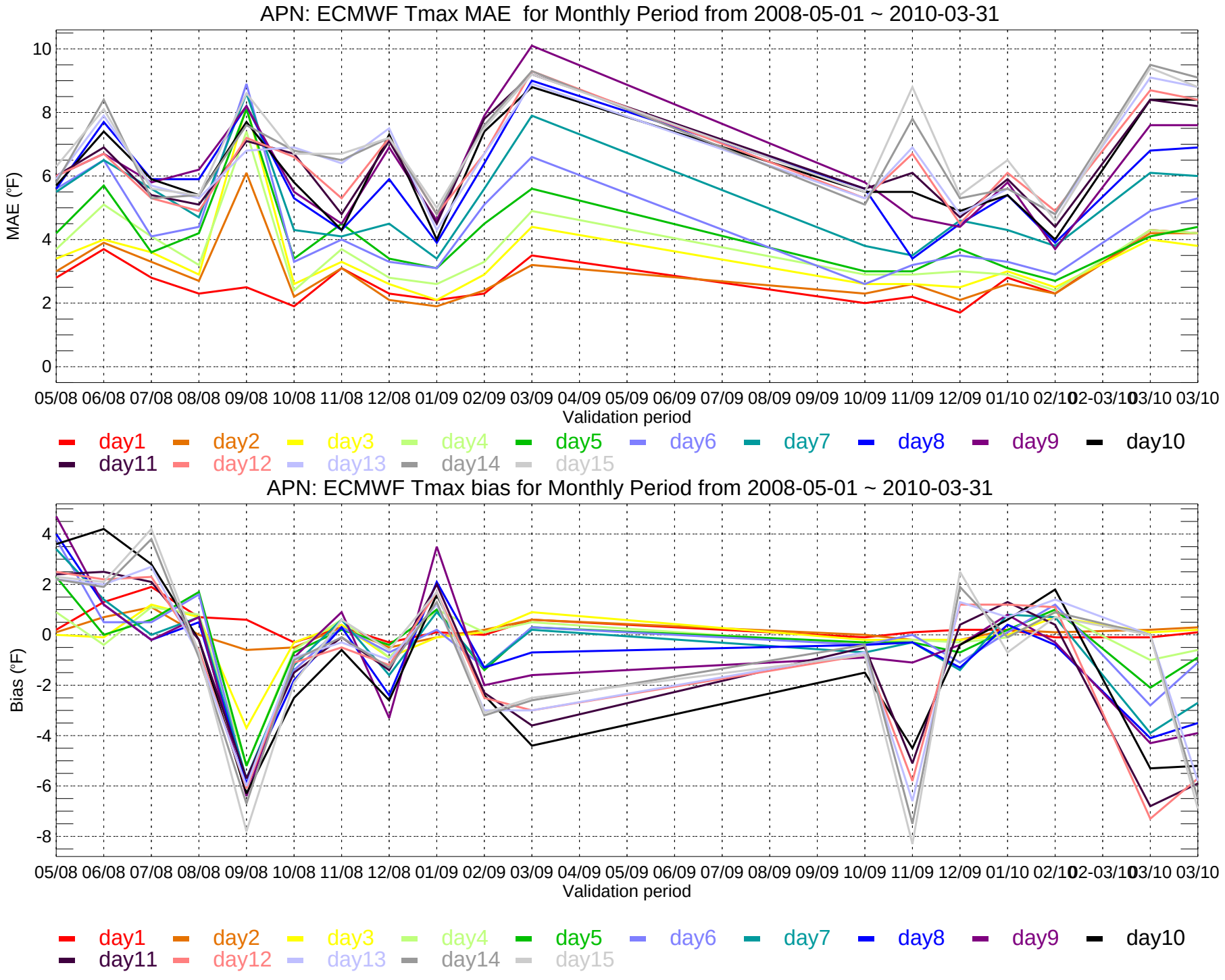

ALW: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

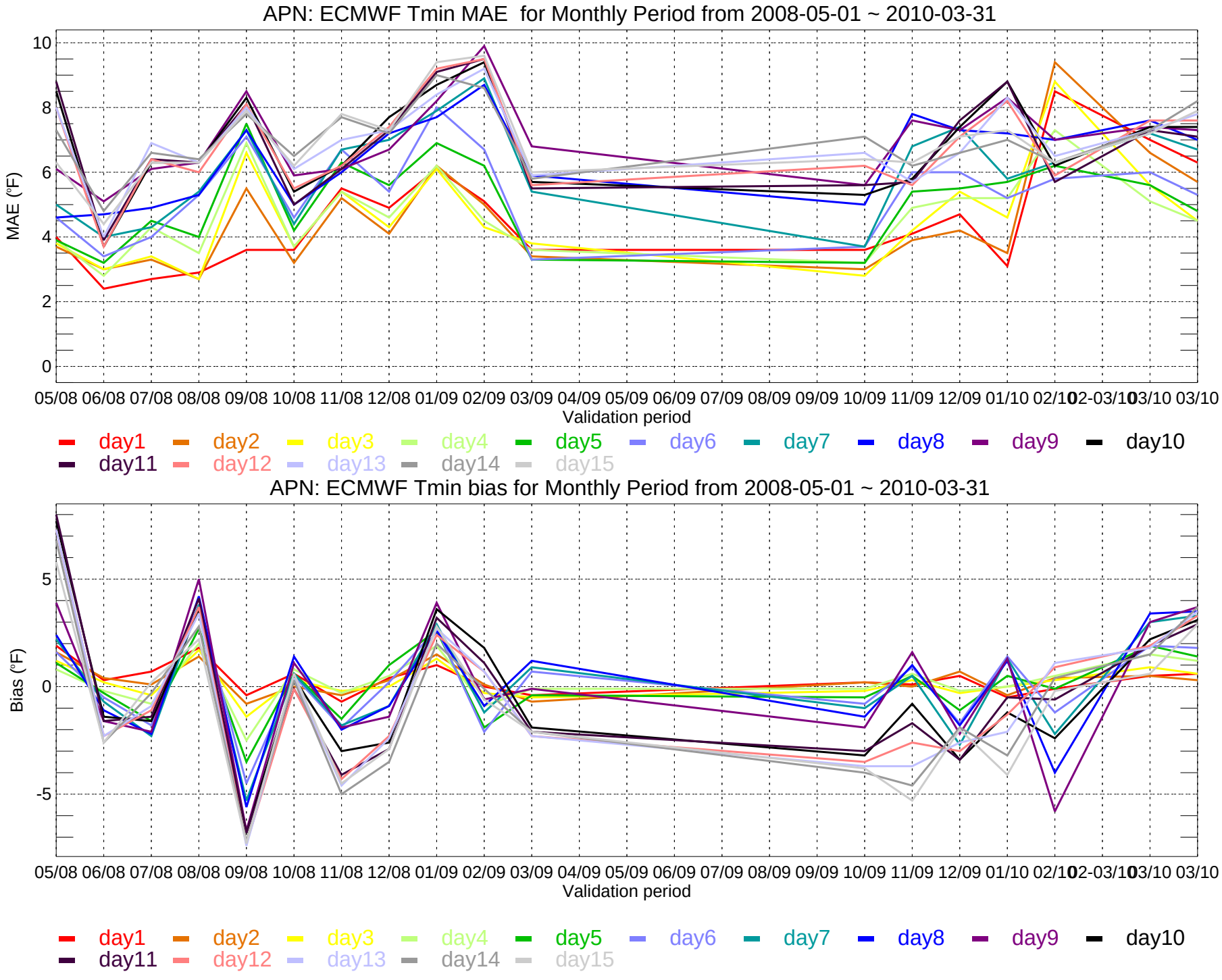

ALW: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

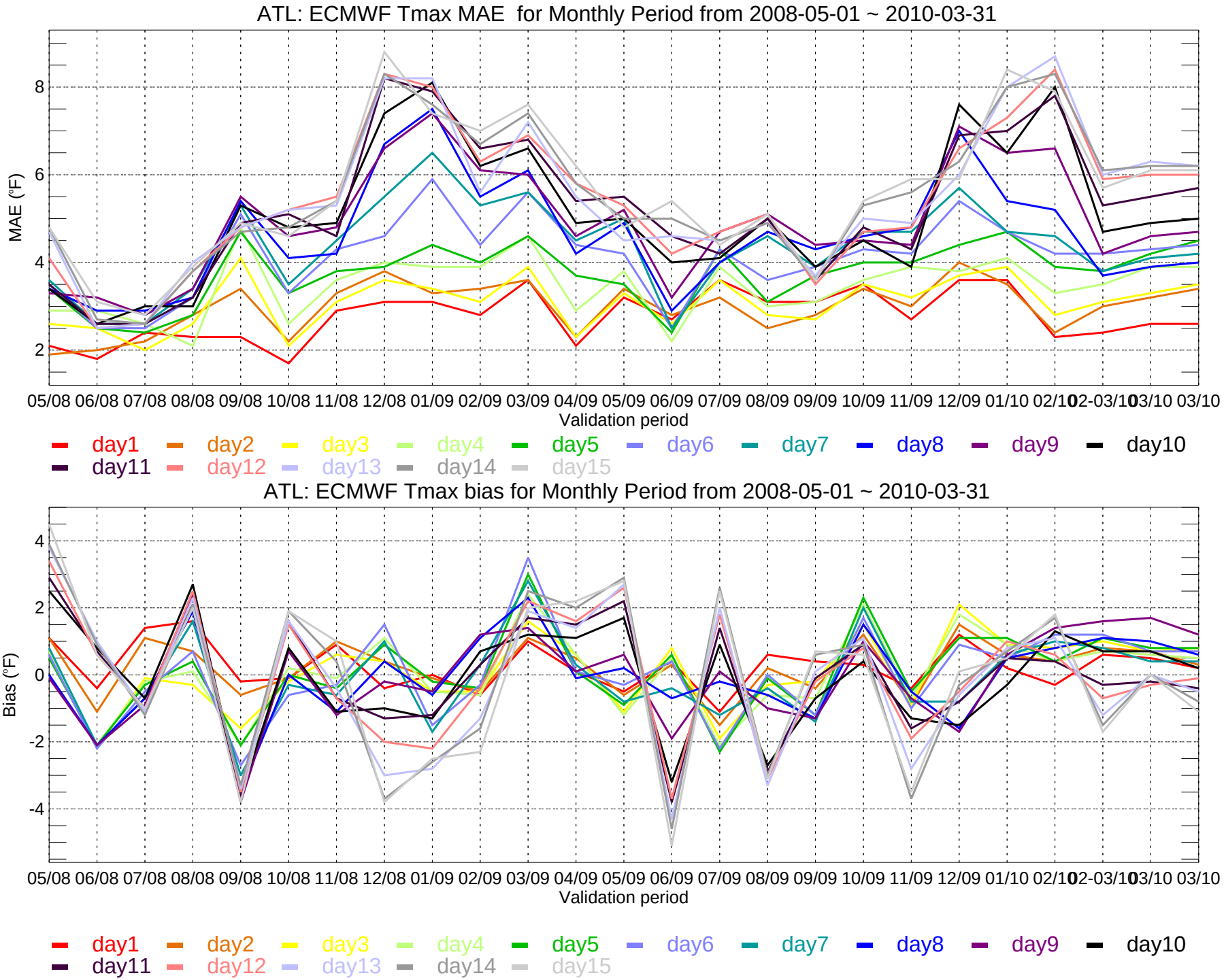

ALW: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ALW: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

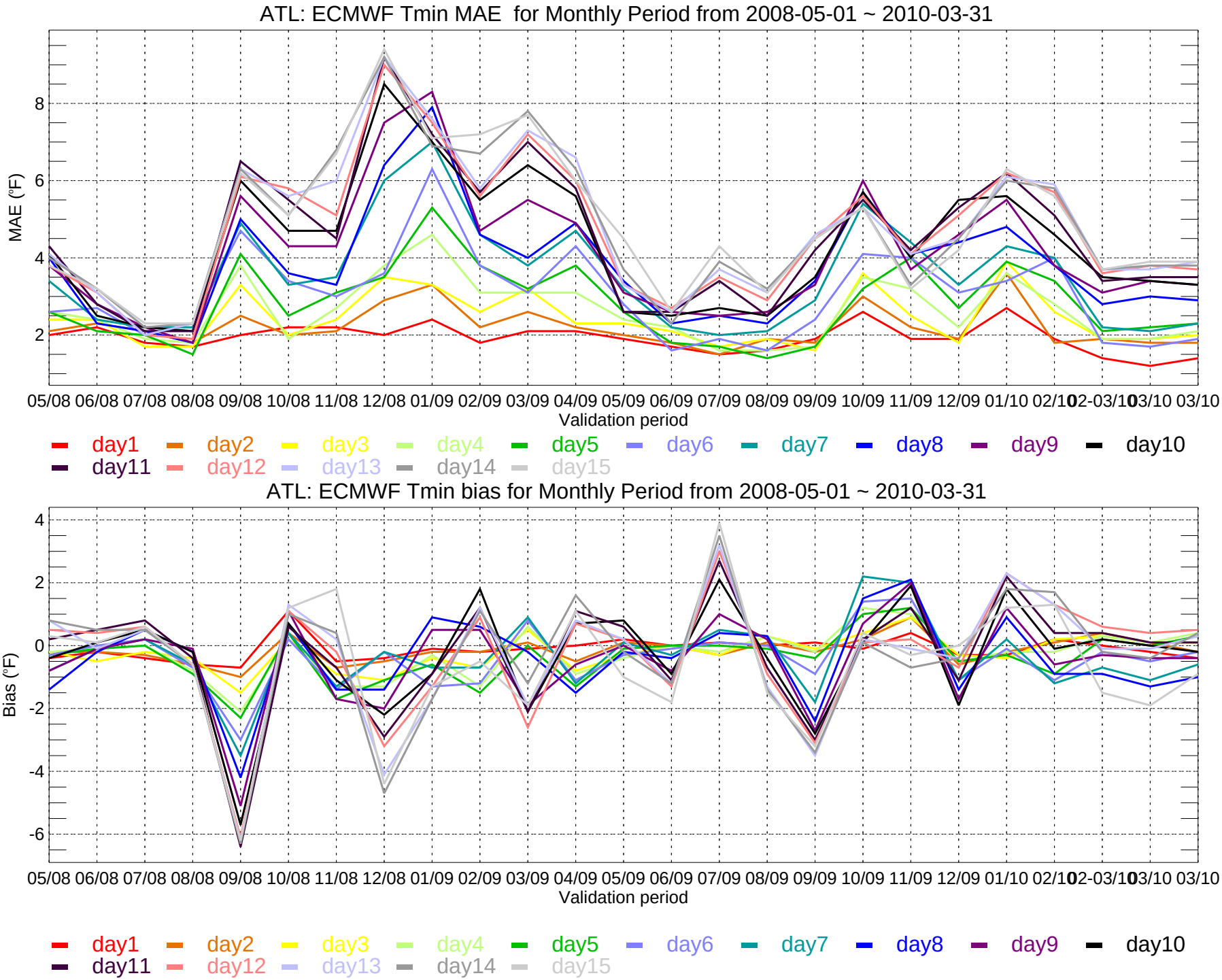

AOO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
AOO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

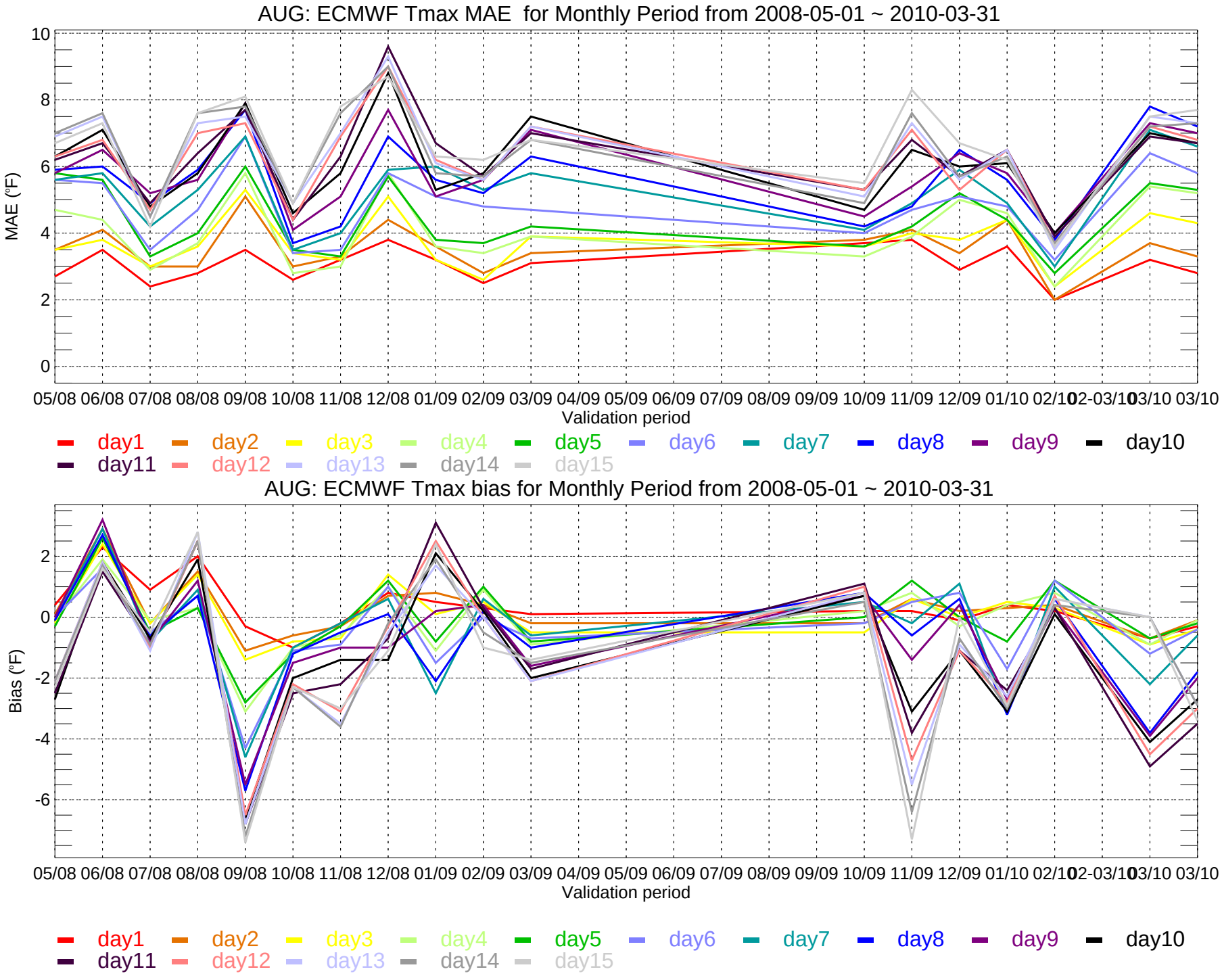

AOO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
AOO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

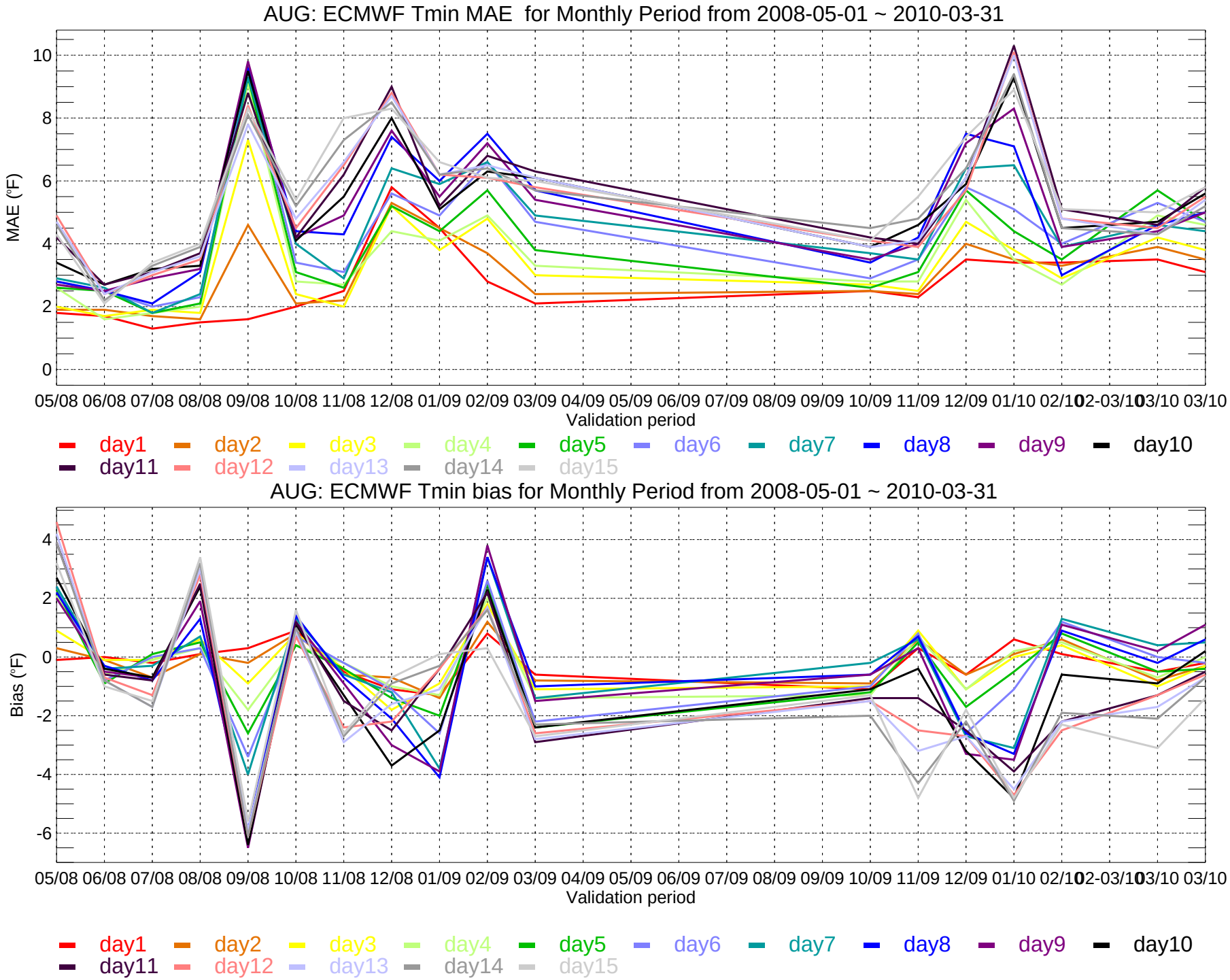

APN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
APN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

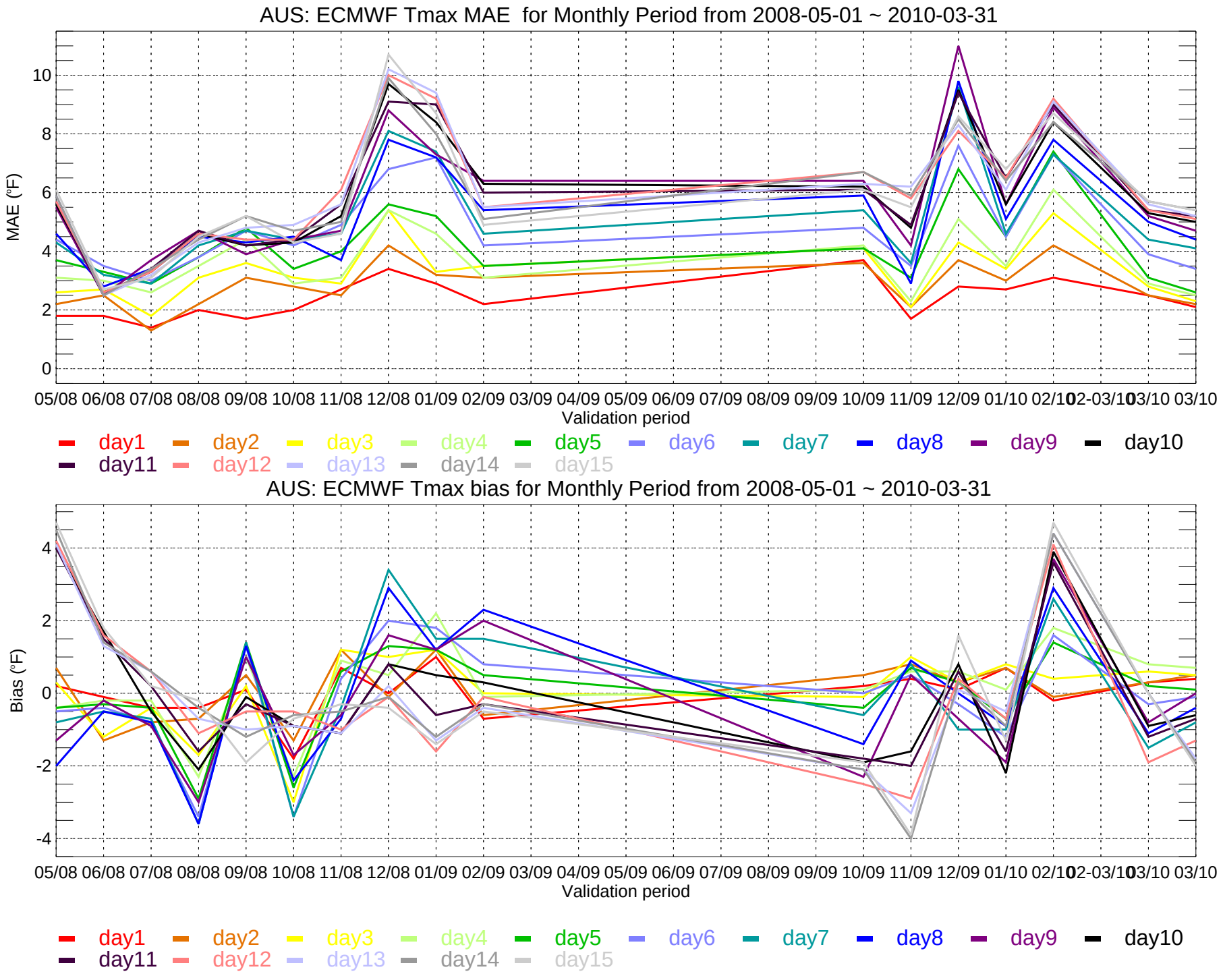

APN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
APN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

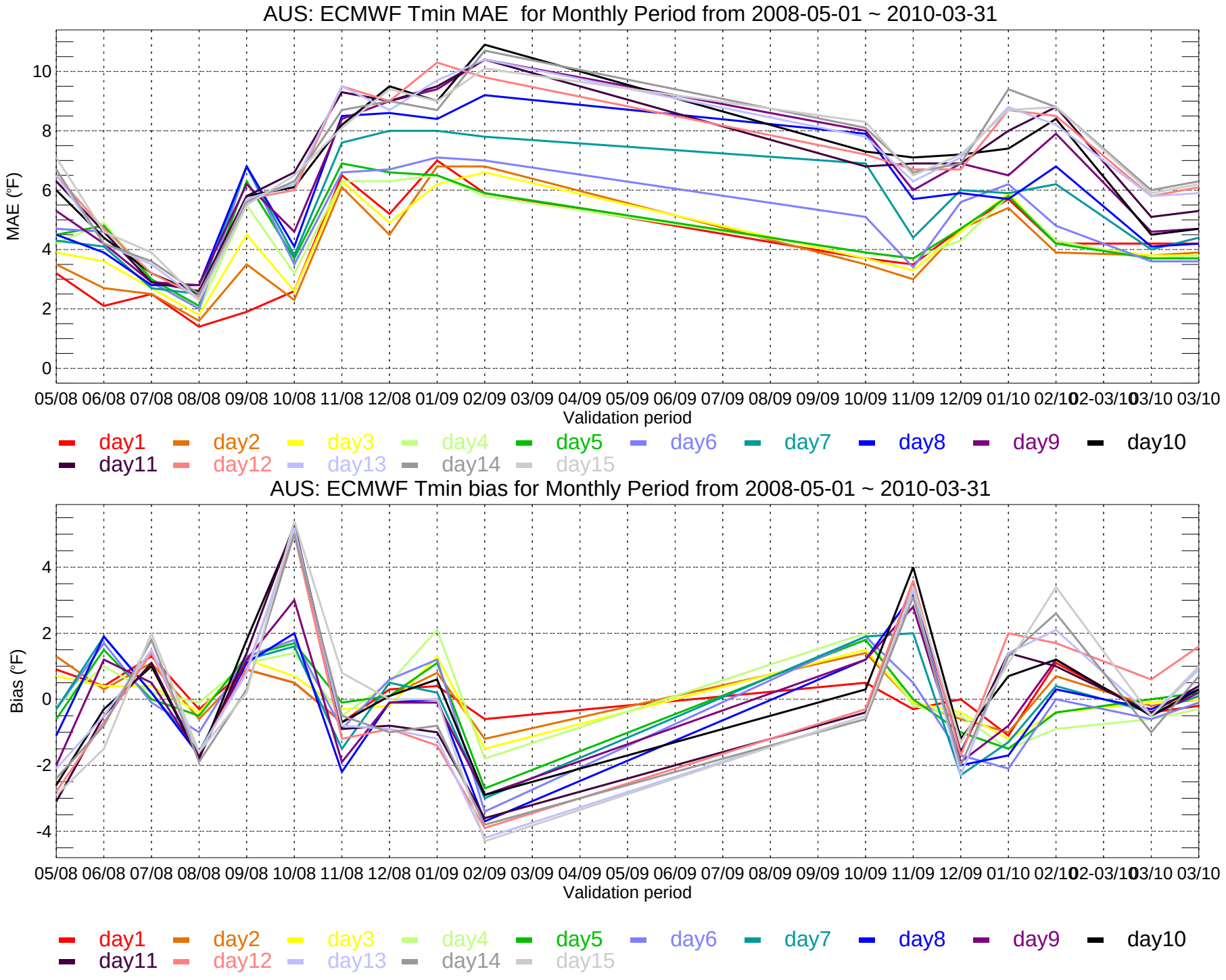

ATL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ATL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

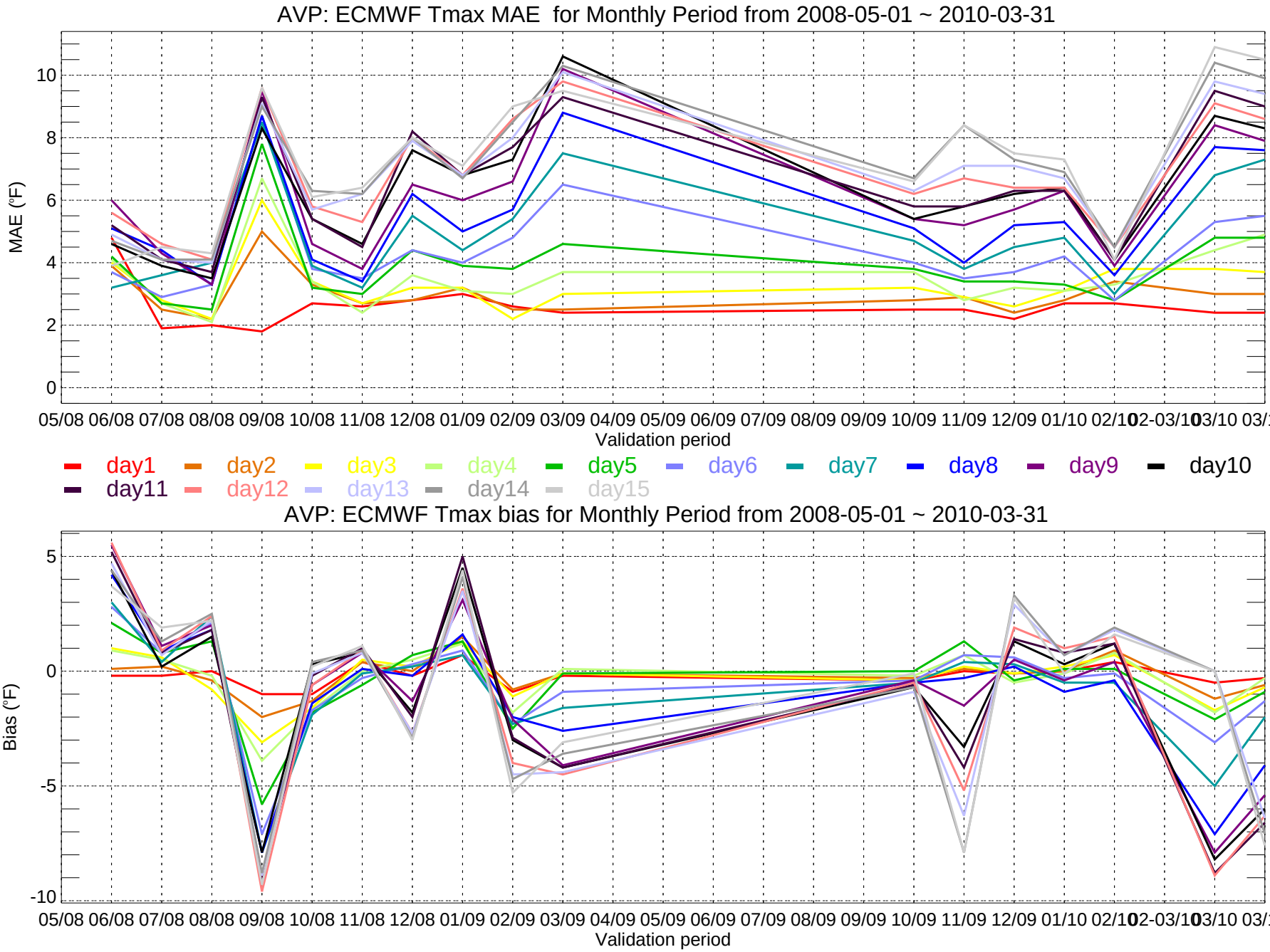

ATL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ATL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

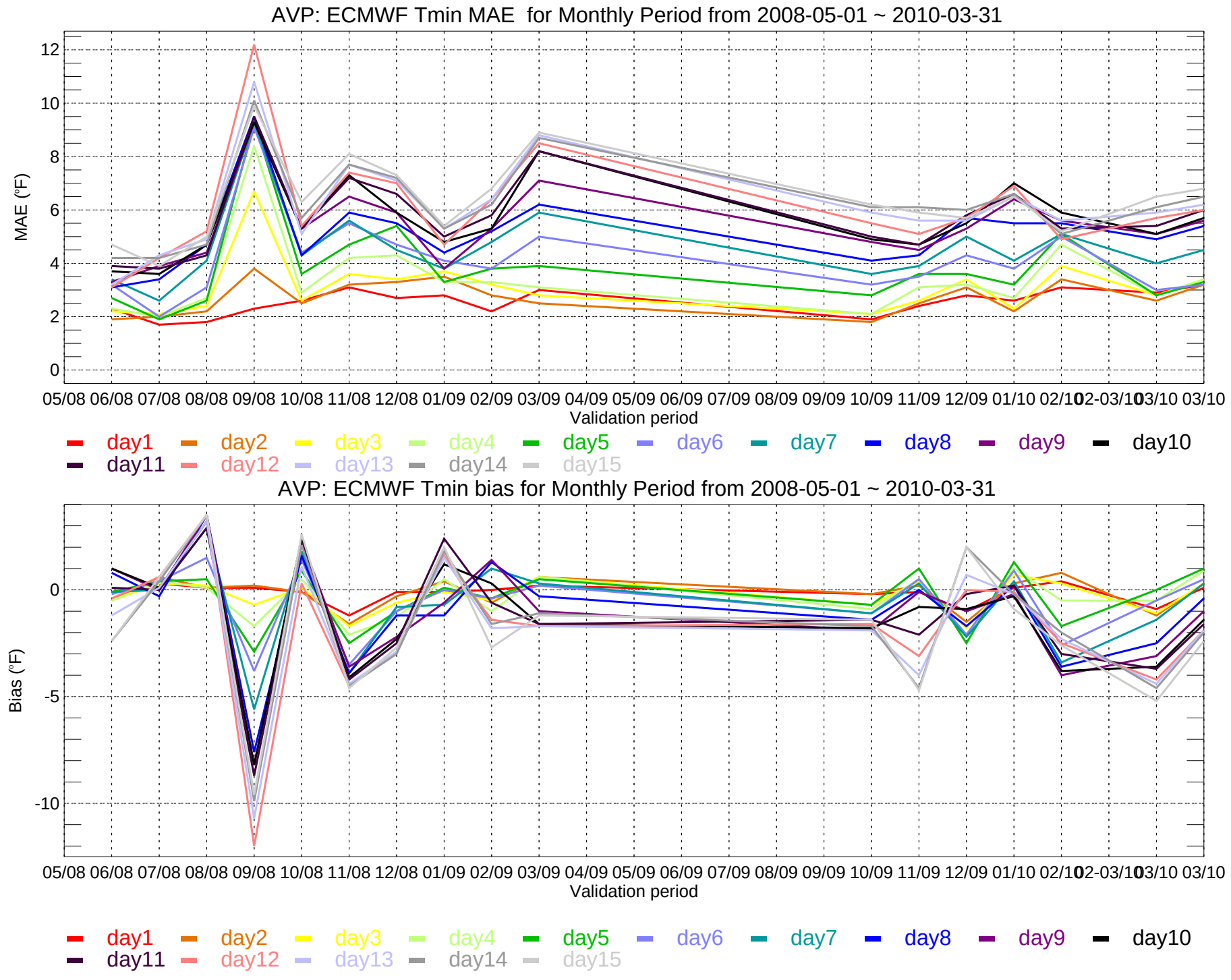

AUG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
AUG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

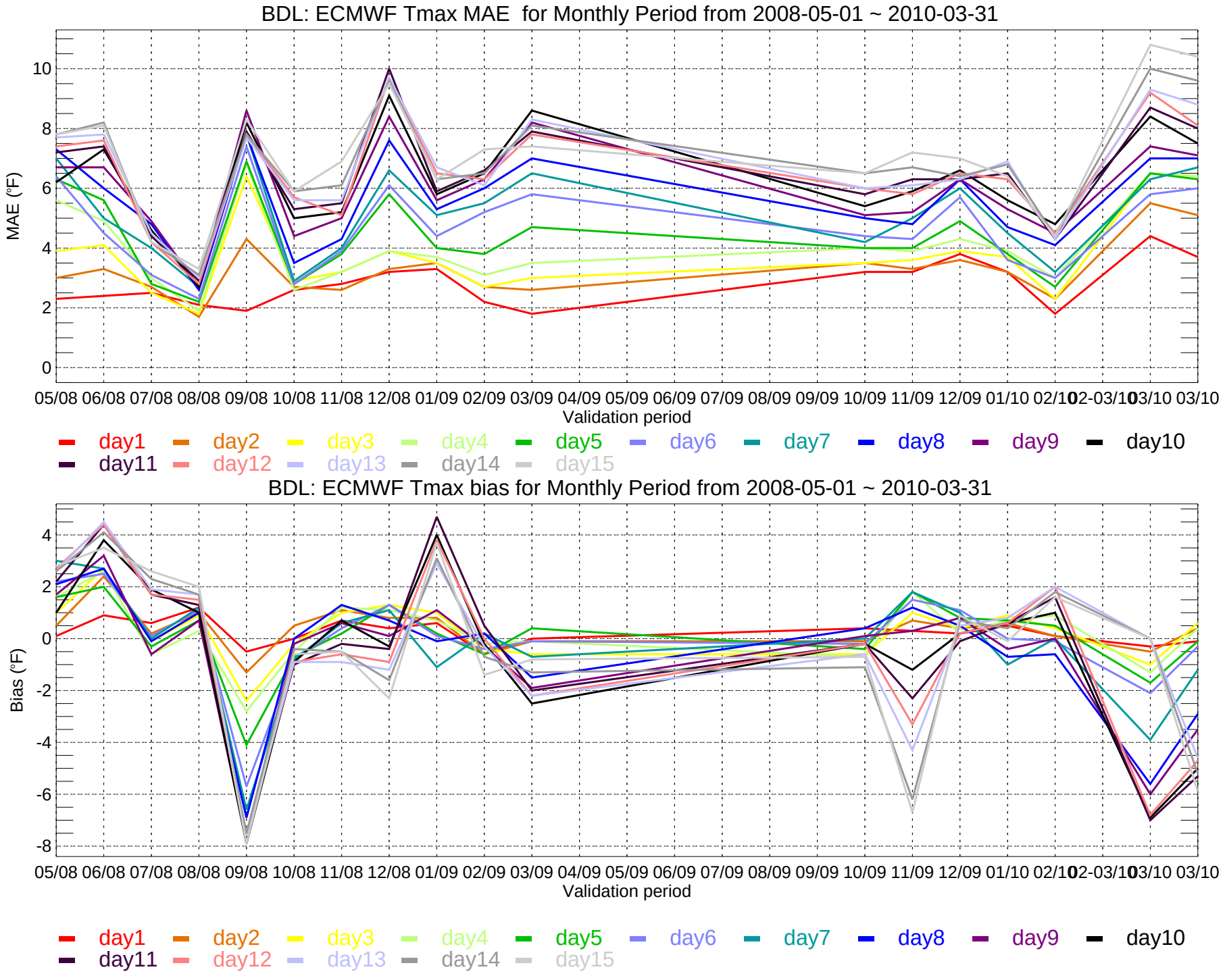

AUG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
AUG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

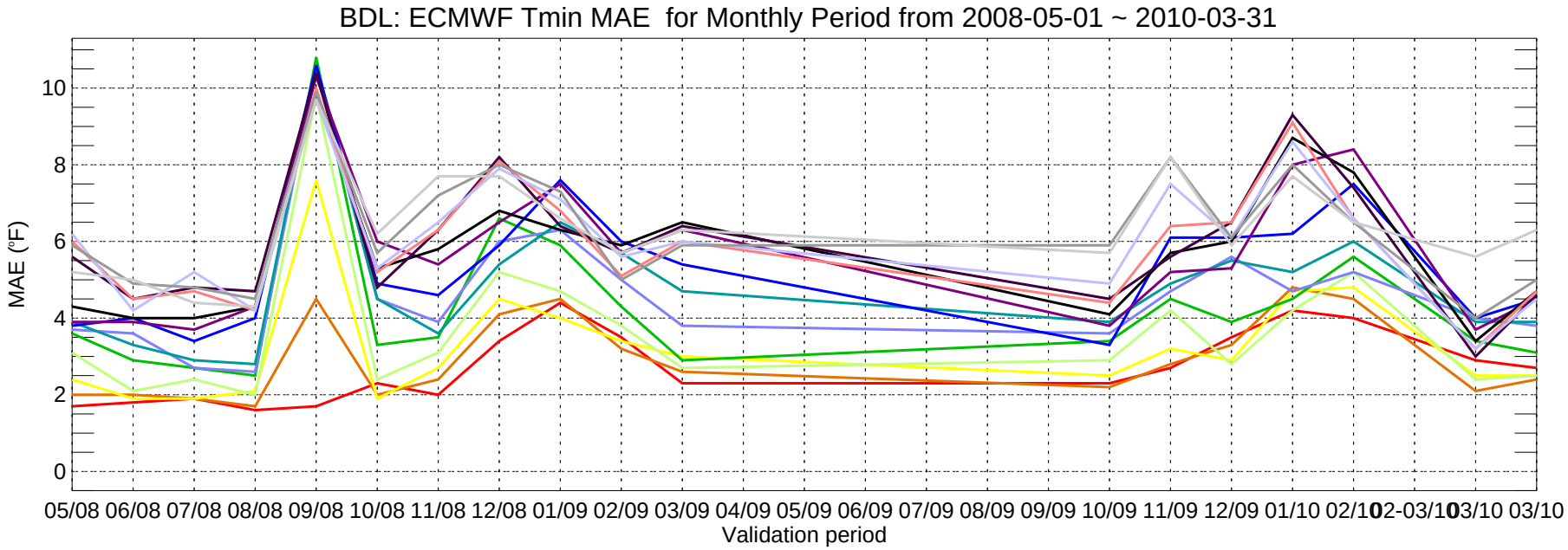

AUS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
AUS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

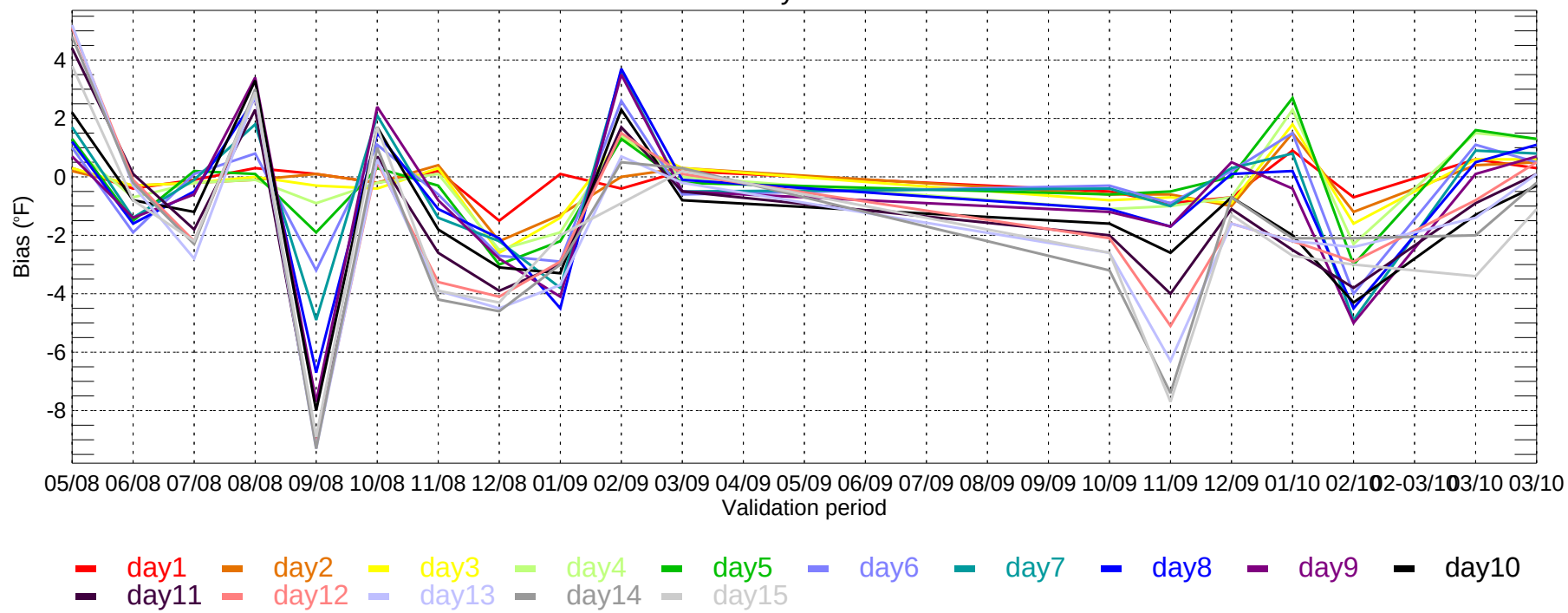

AUS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
AUS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

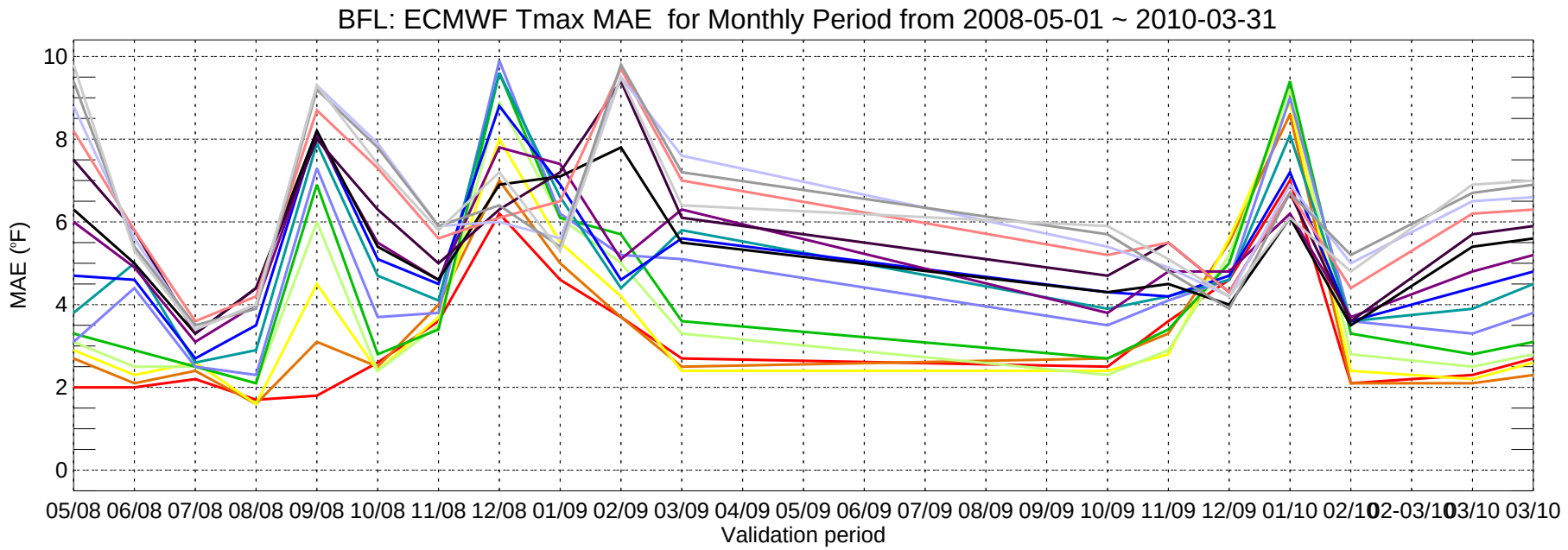

AVP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
AVP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

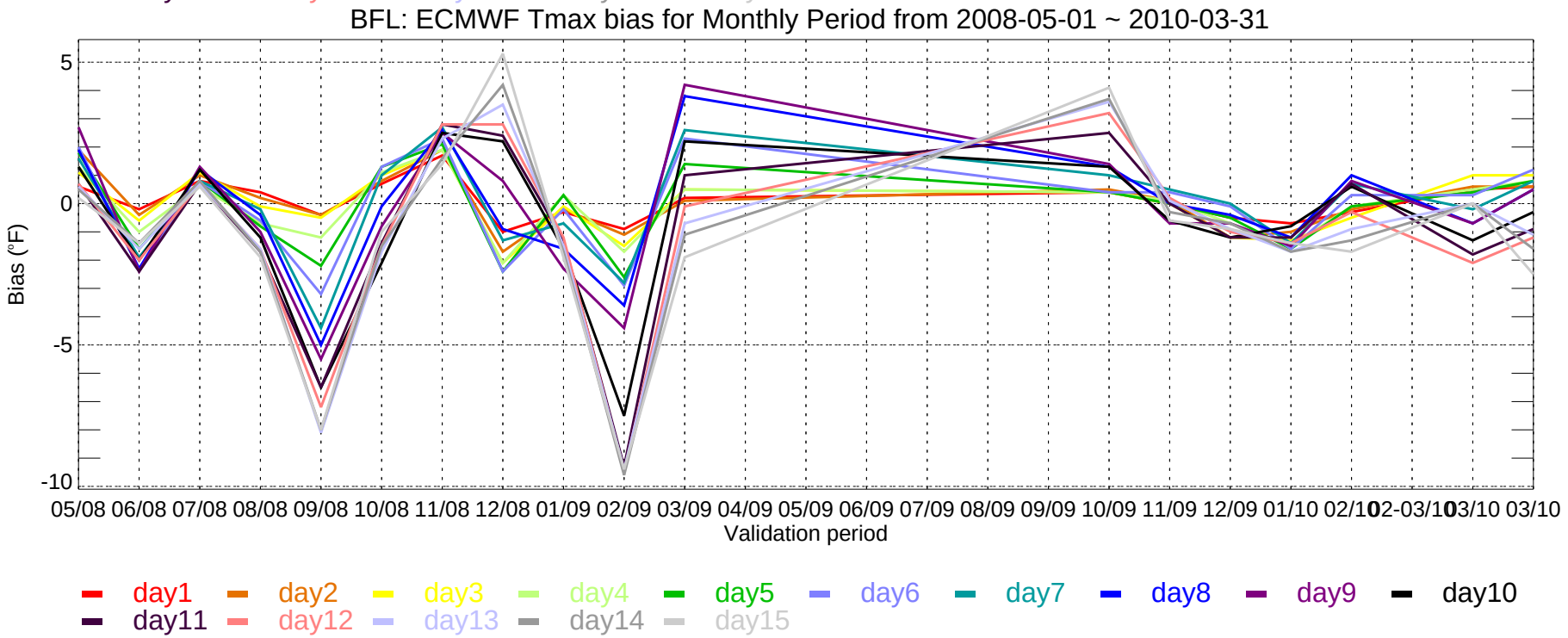

AVP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
AVP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

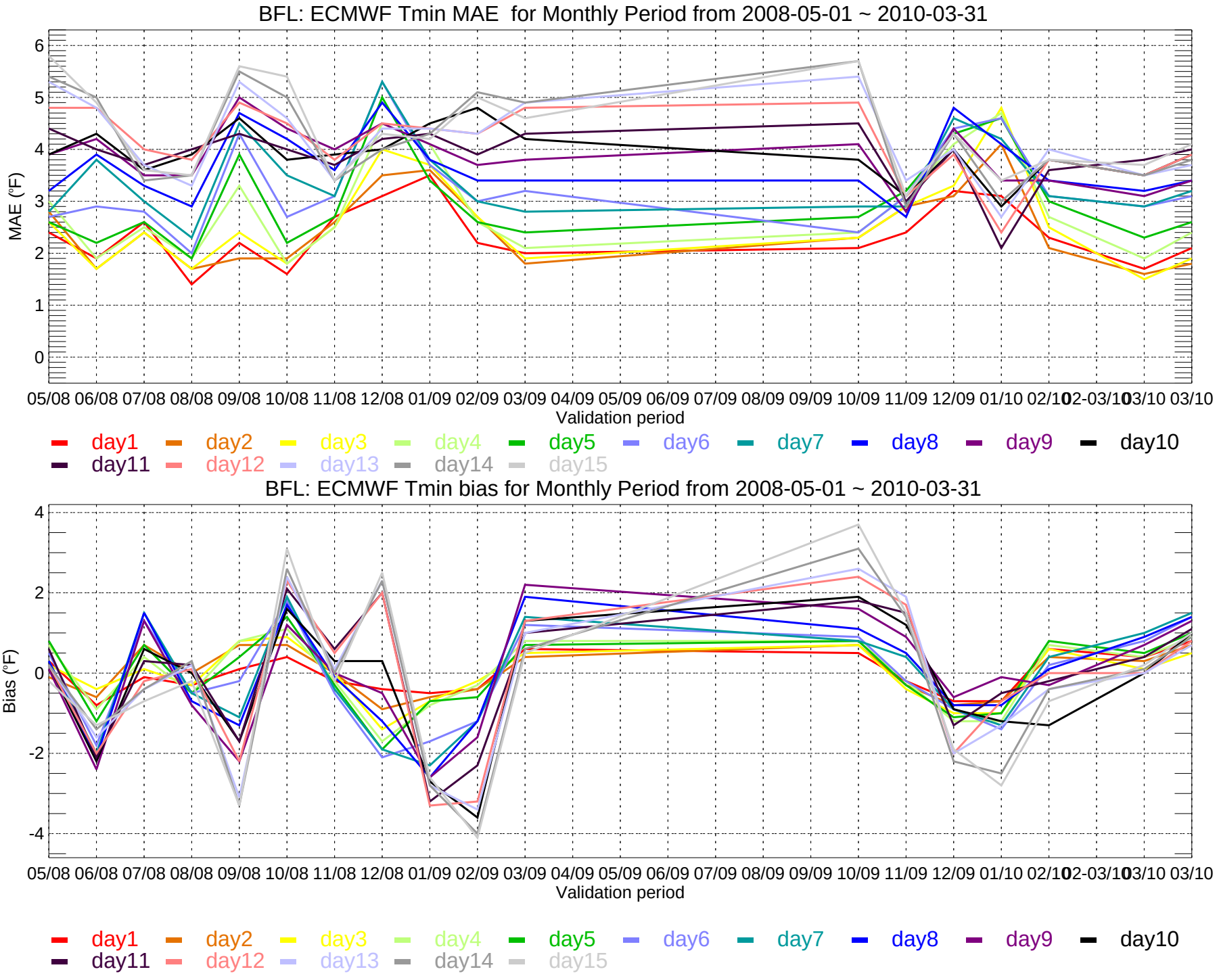

BDL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BDL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

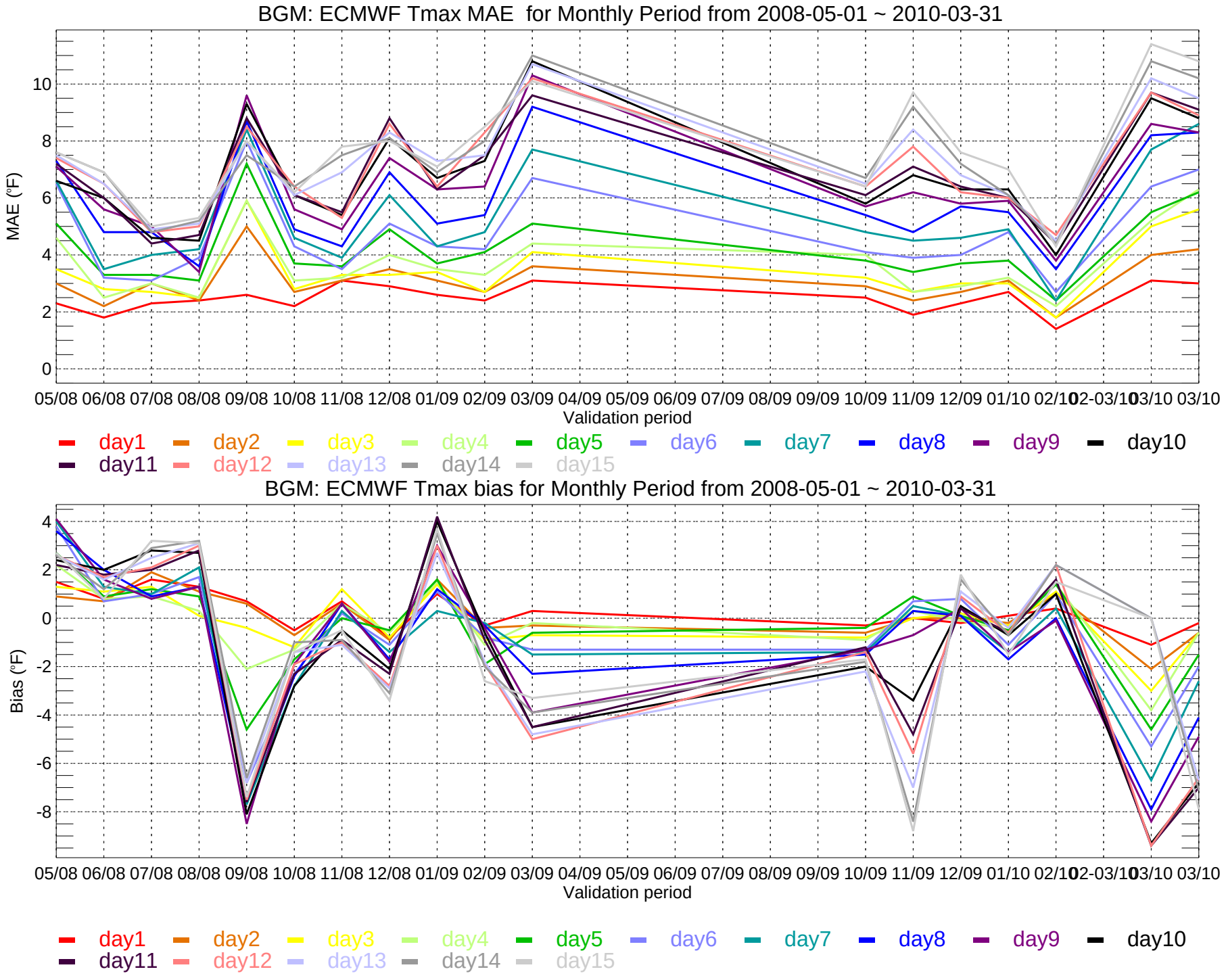

BDL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

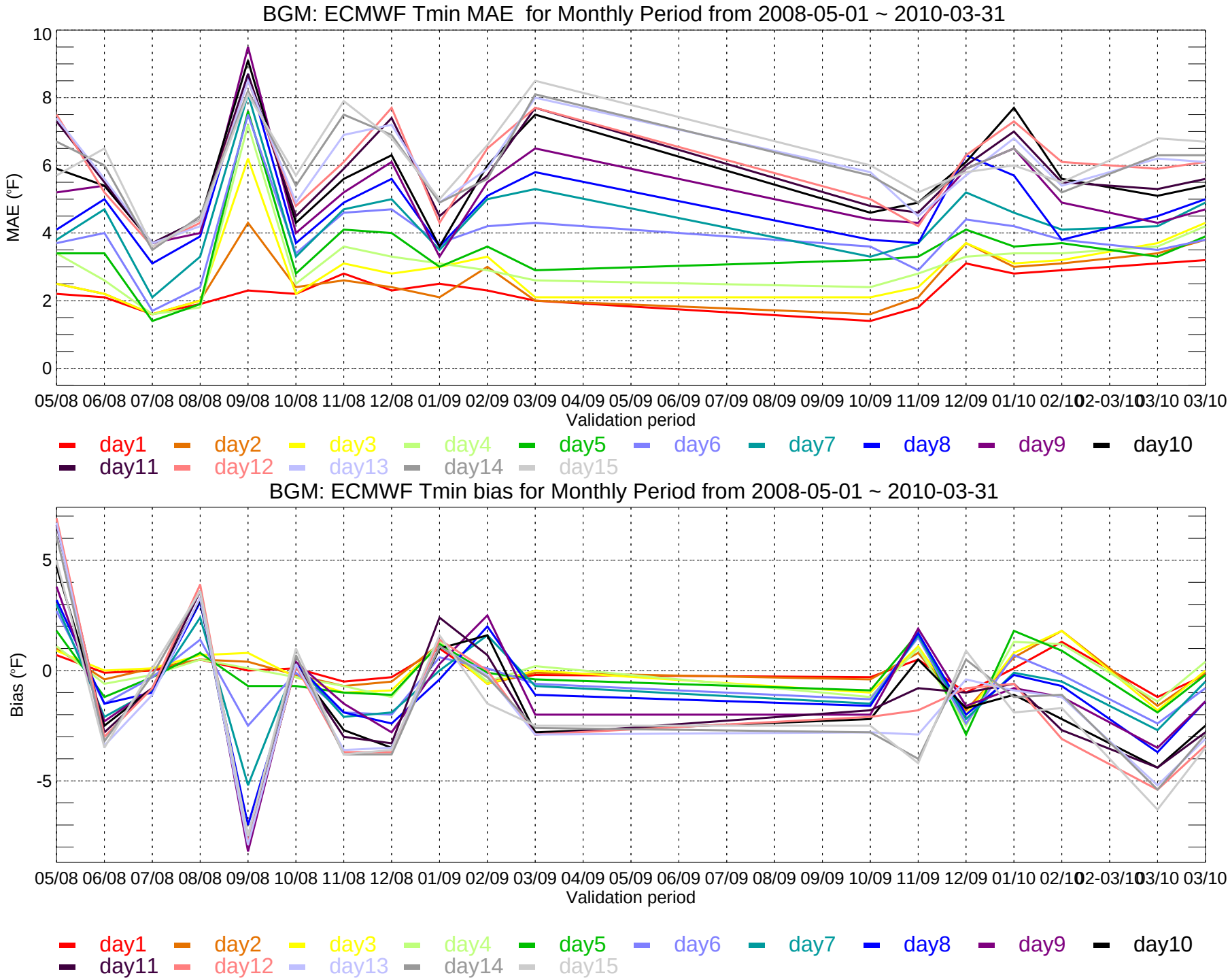

BDL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

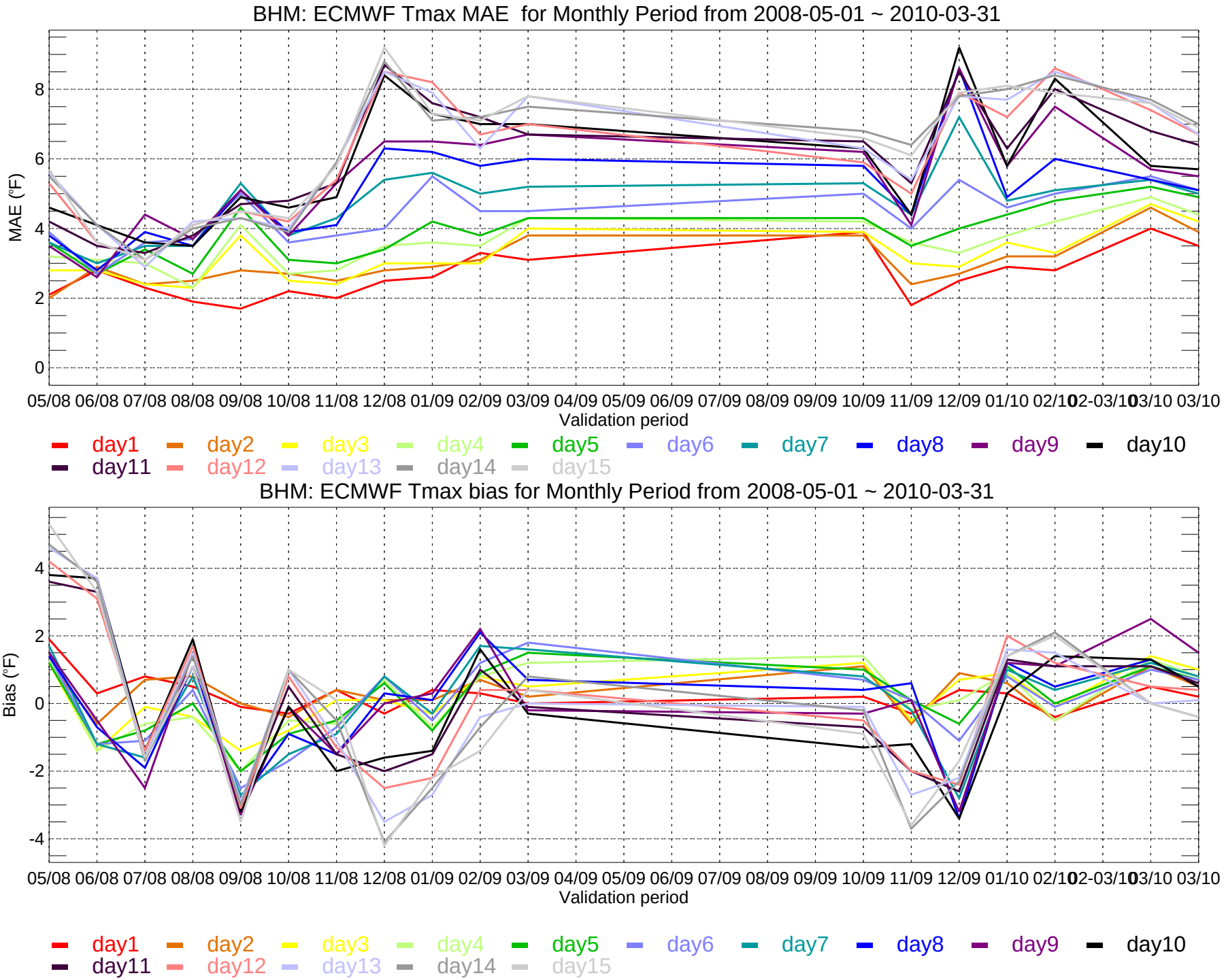

BFL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

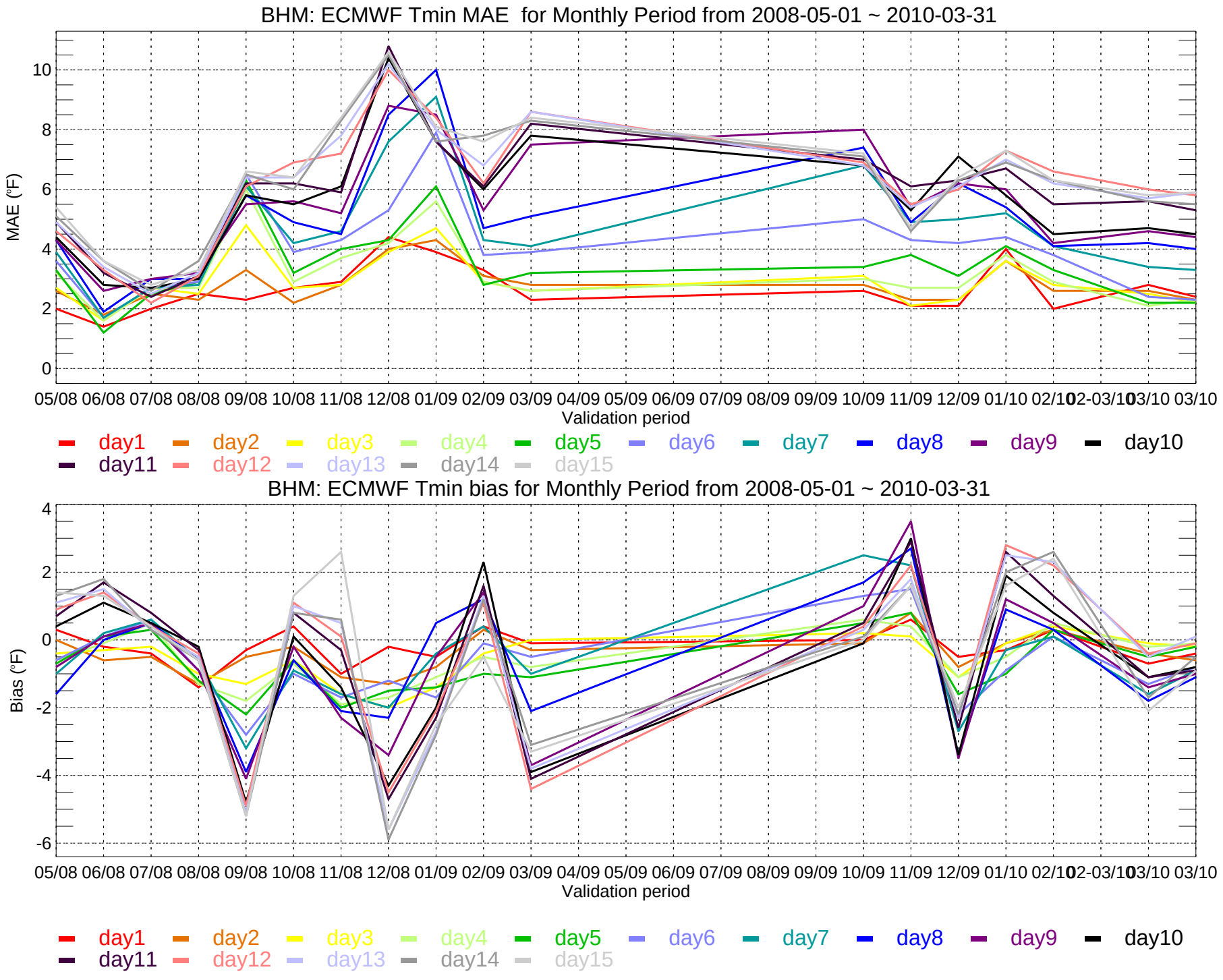

BFL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

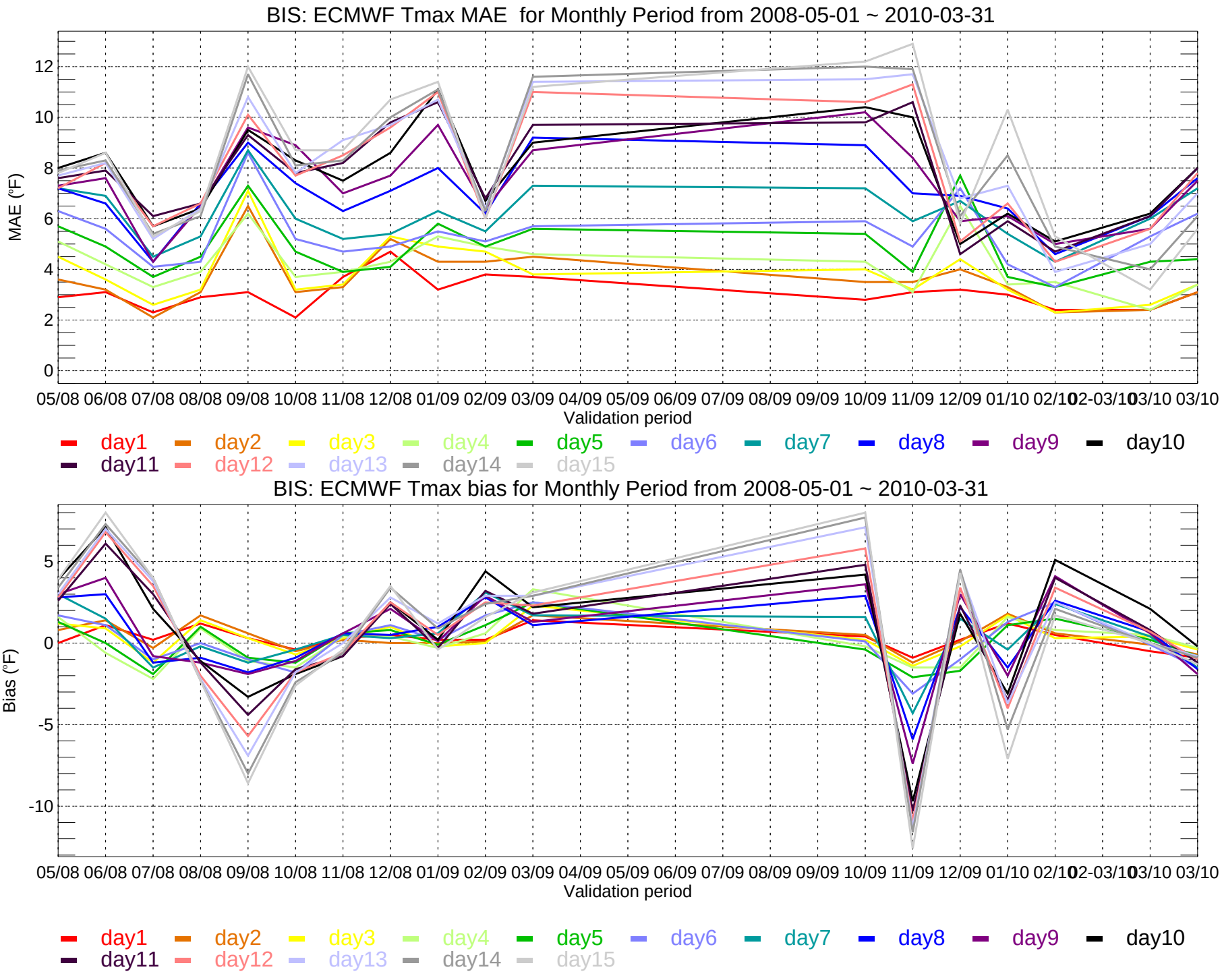

BFL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
1
2
3
4
5
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BFL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

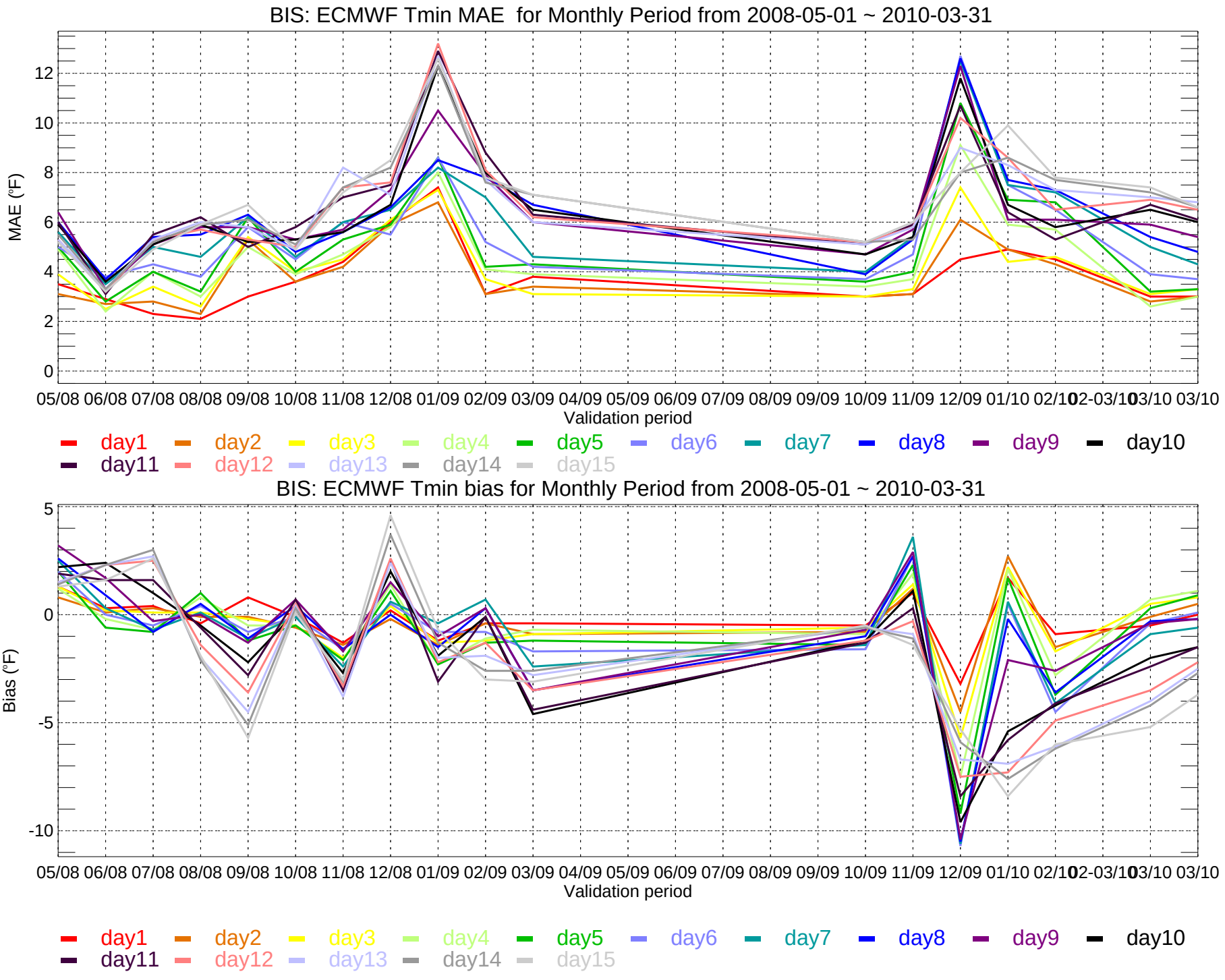

BGM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BGM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

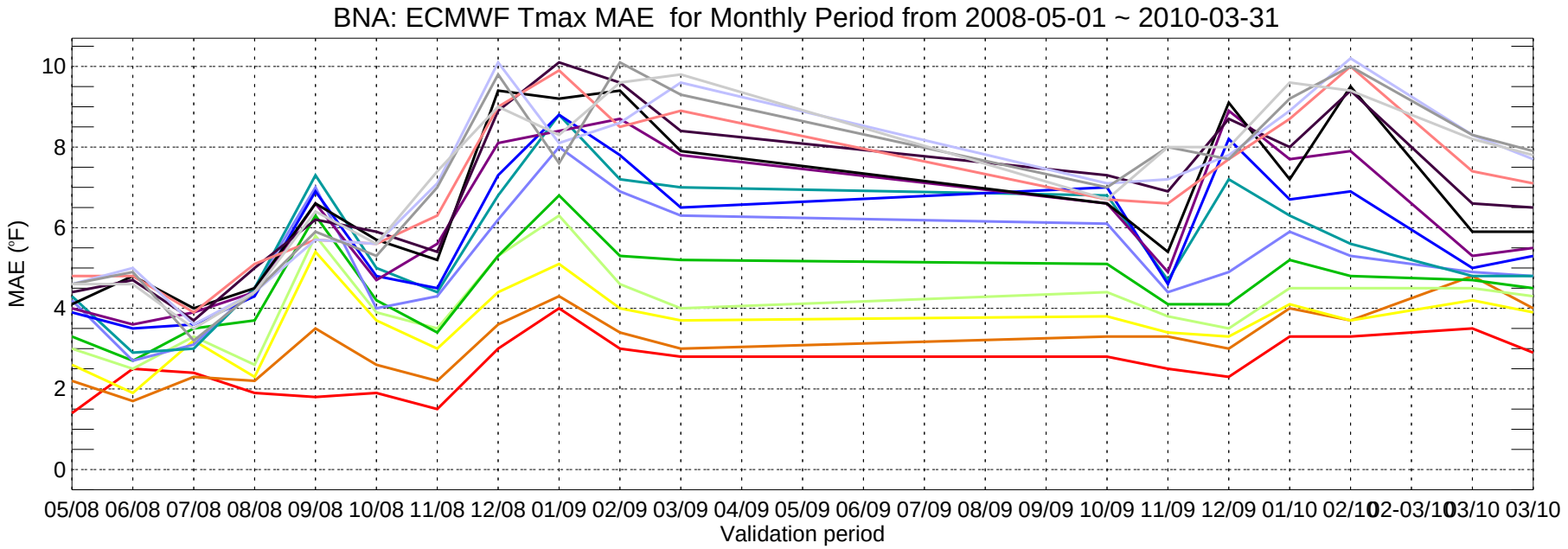

BGM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BGM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

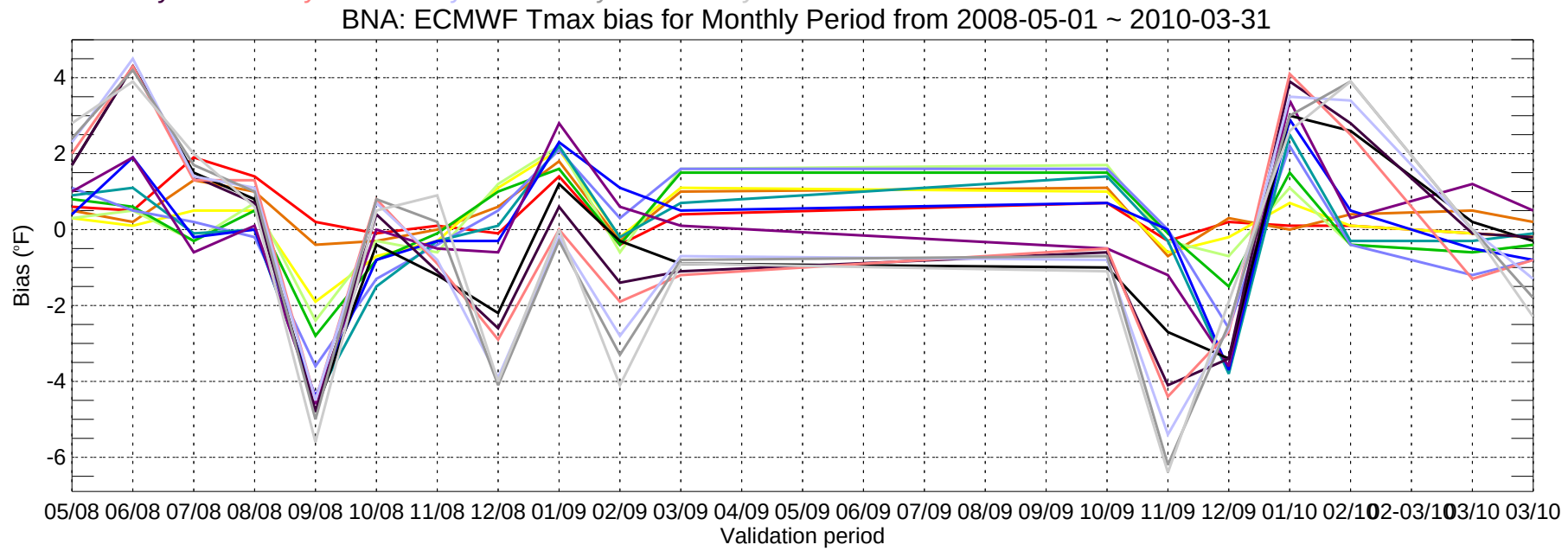

BHM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BHM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

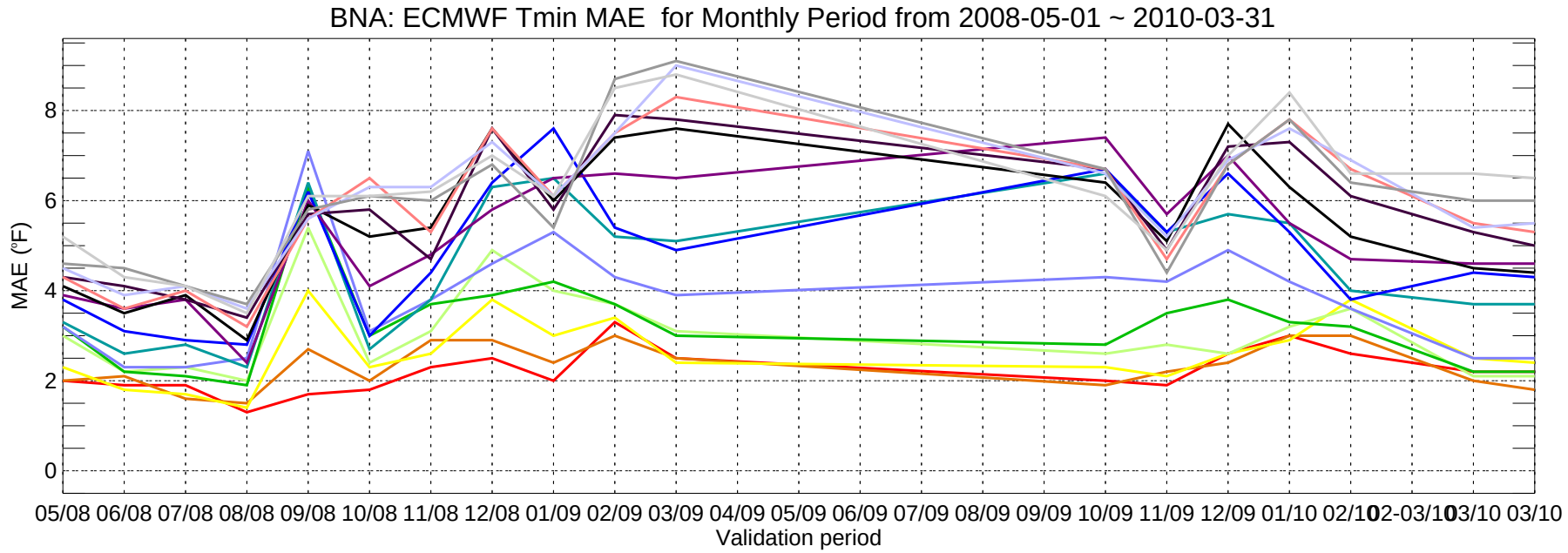

BHM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BHM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

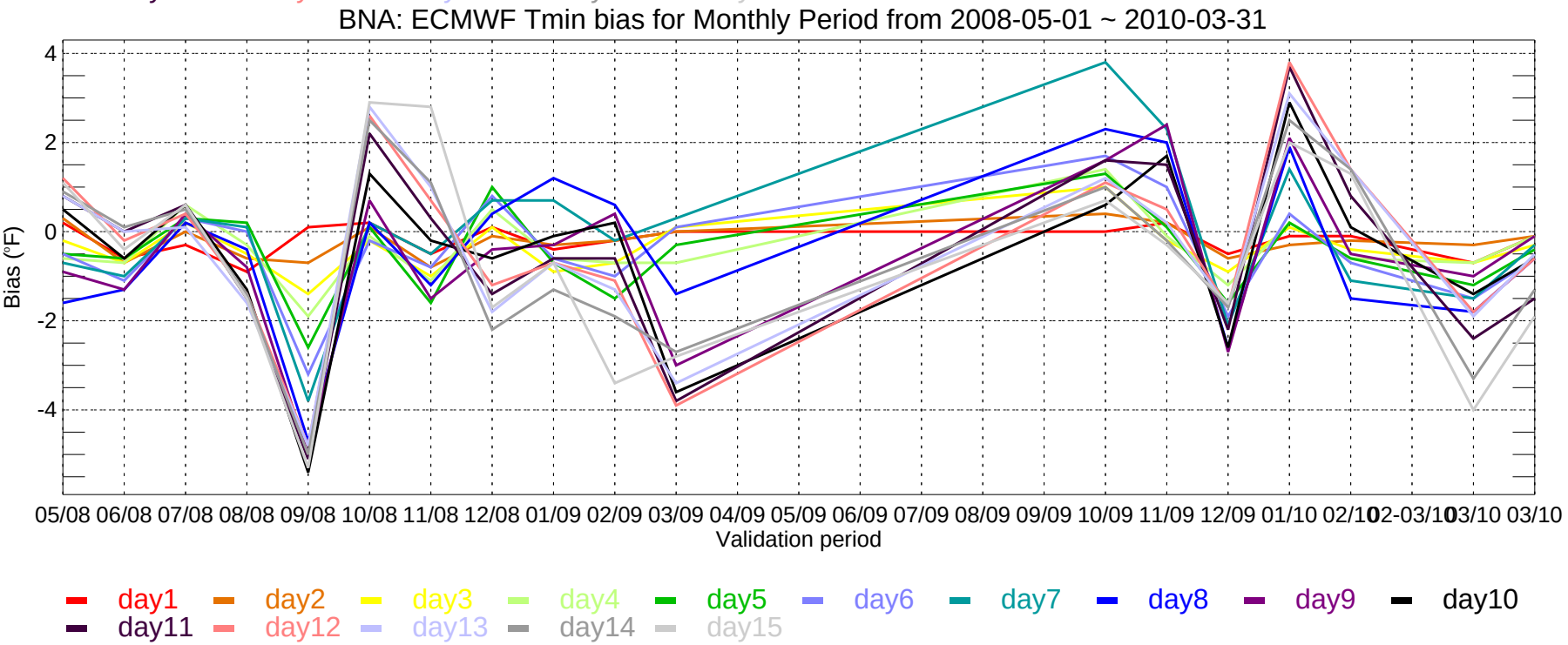

BIS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BIS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

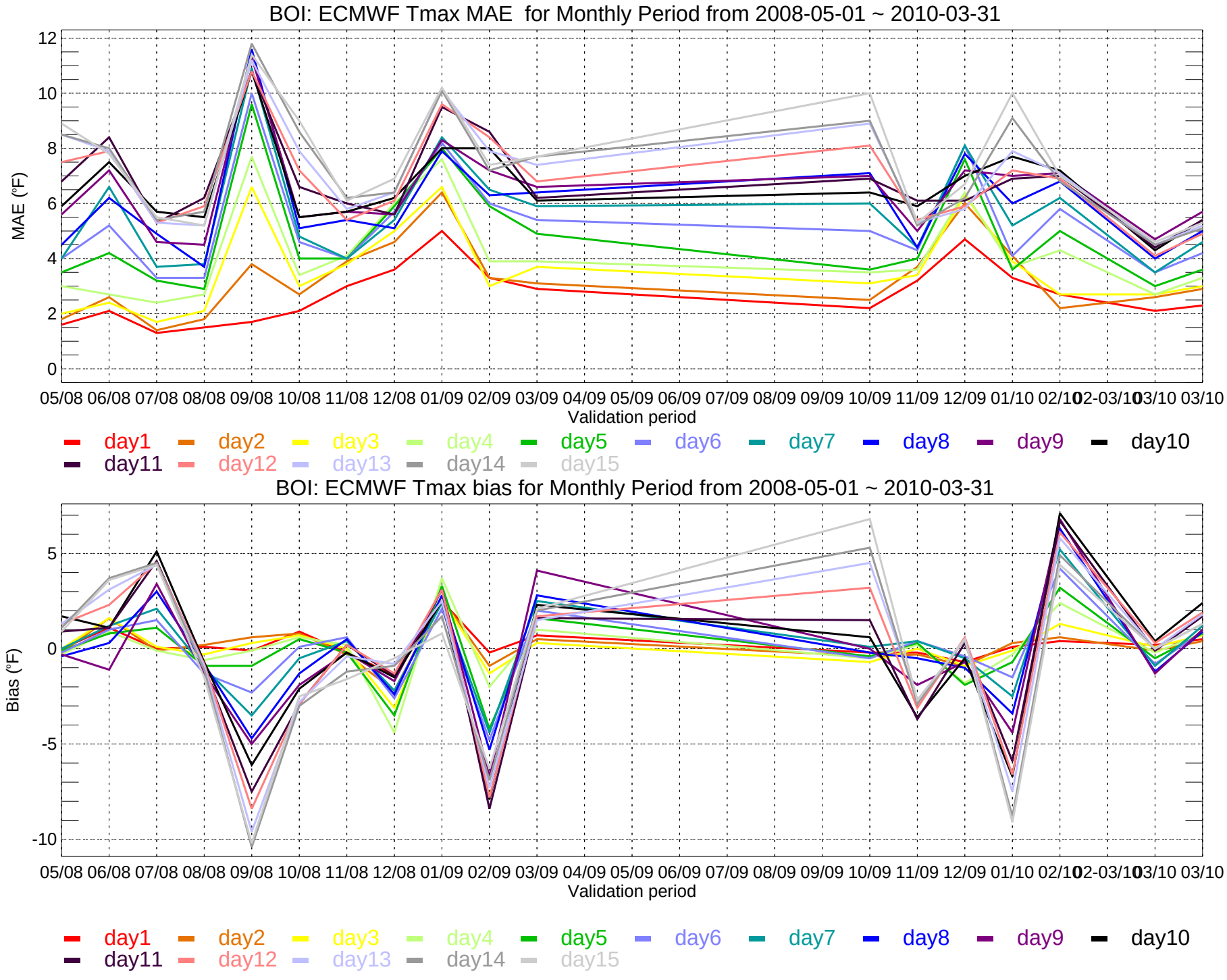

BIS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BIS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

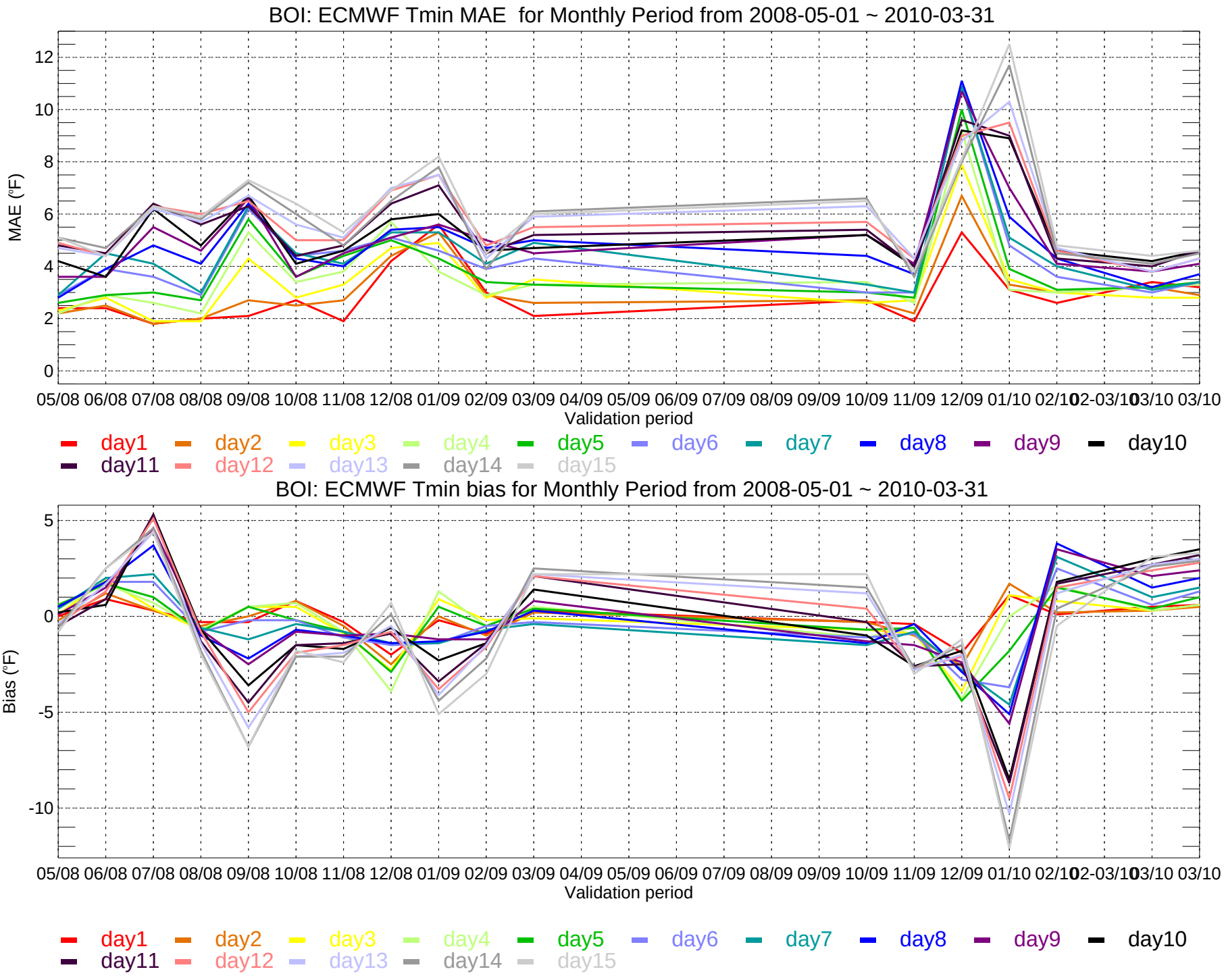

BNA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

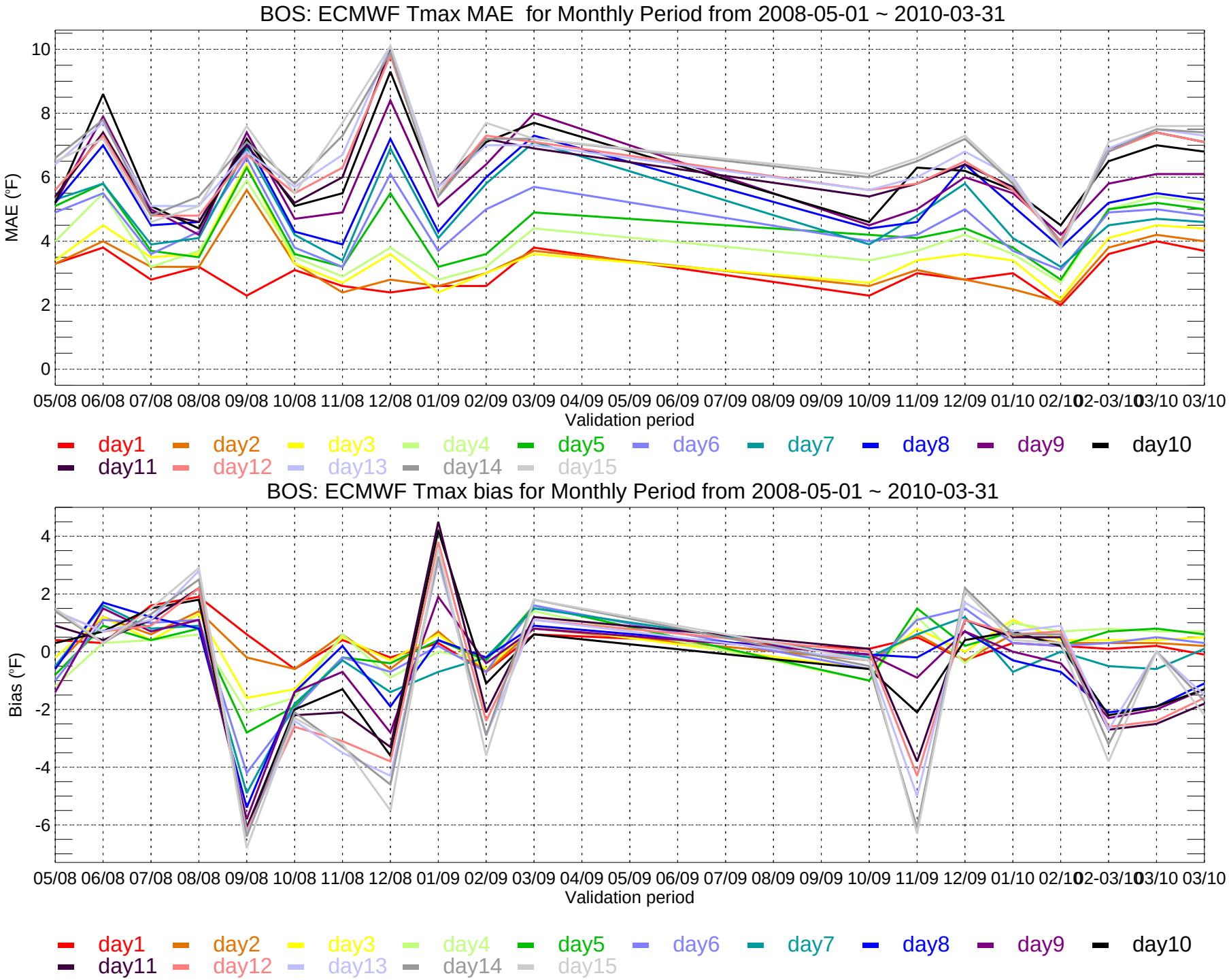

BNA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

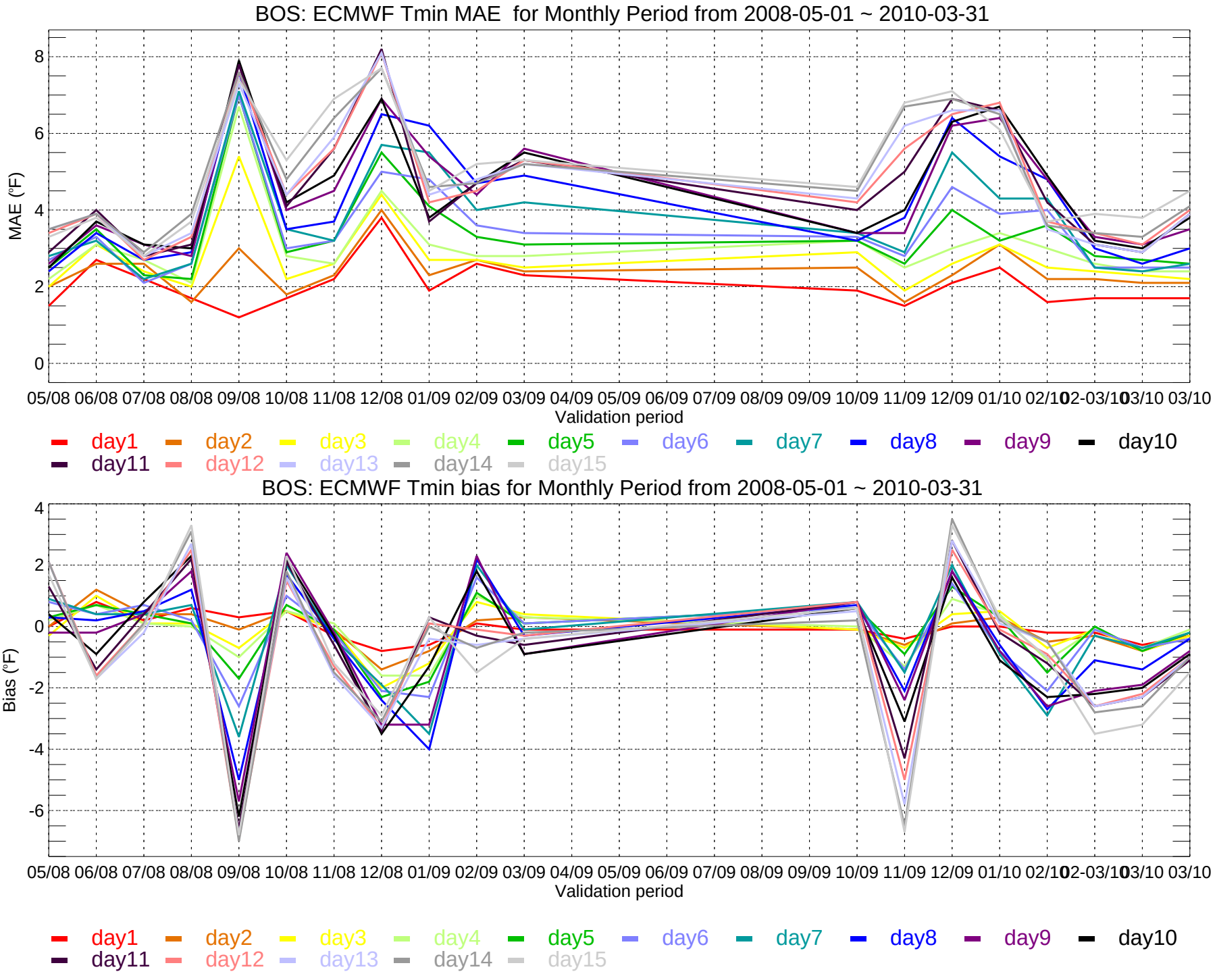

BNA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

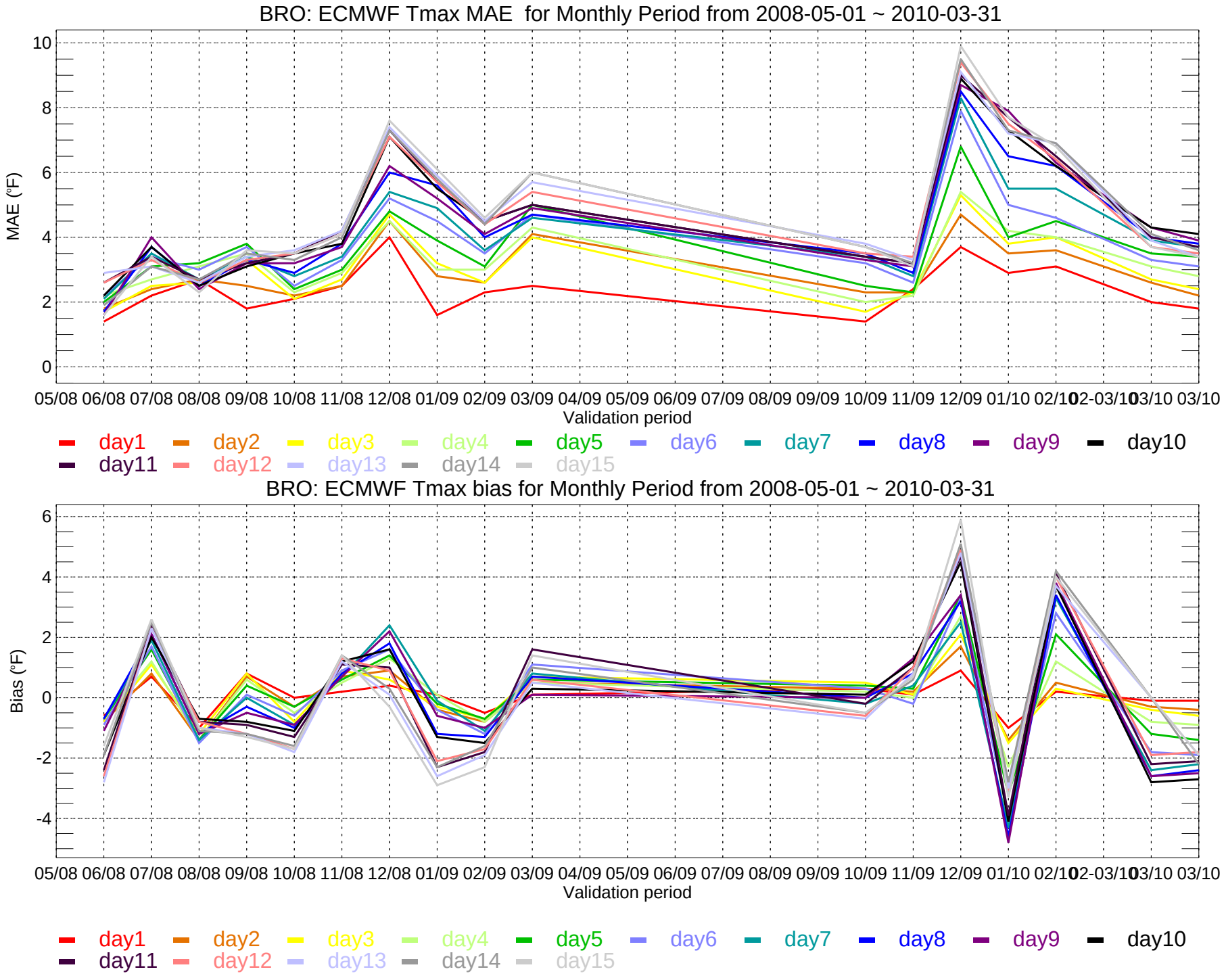

BNA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

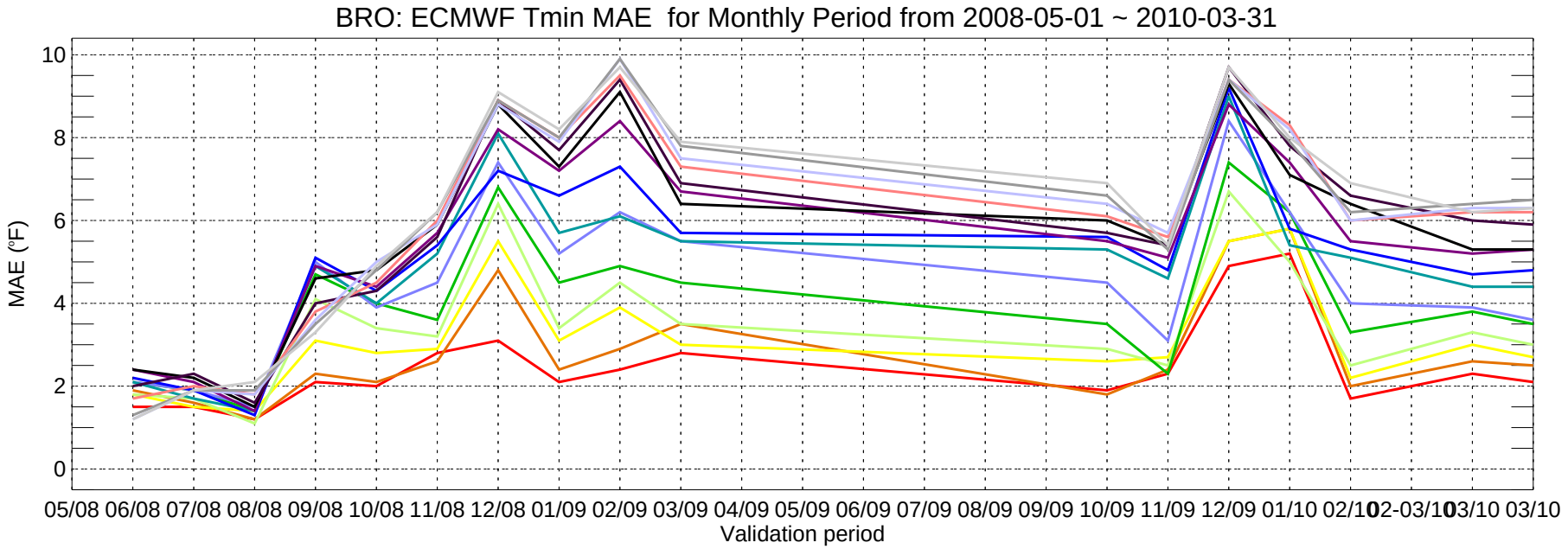

BOI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BOI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

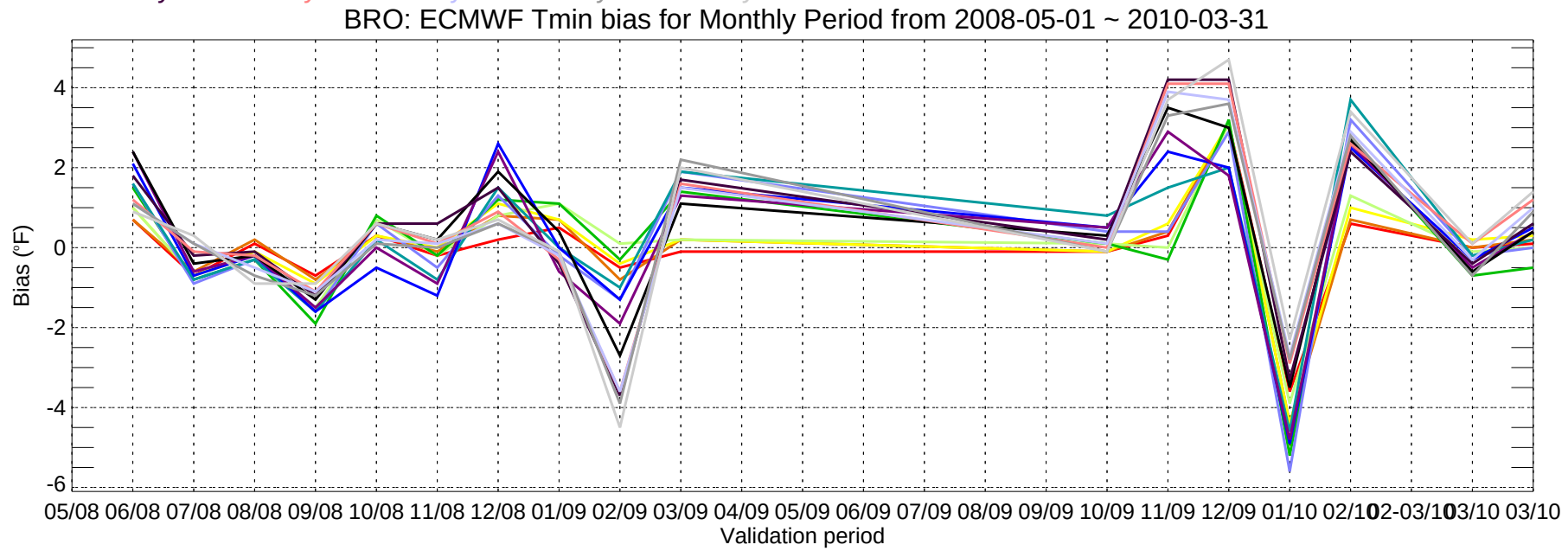

BOI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BOI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

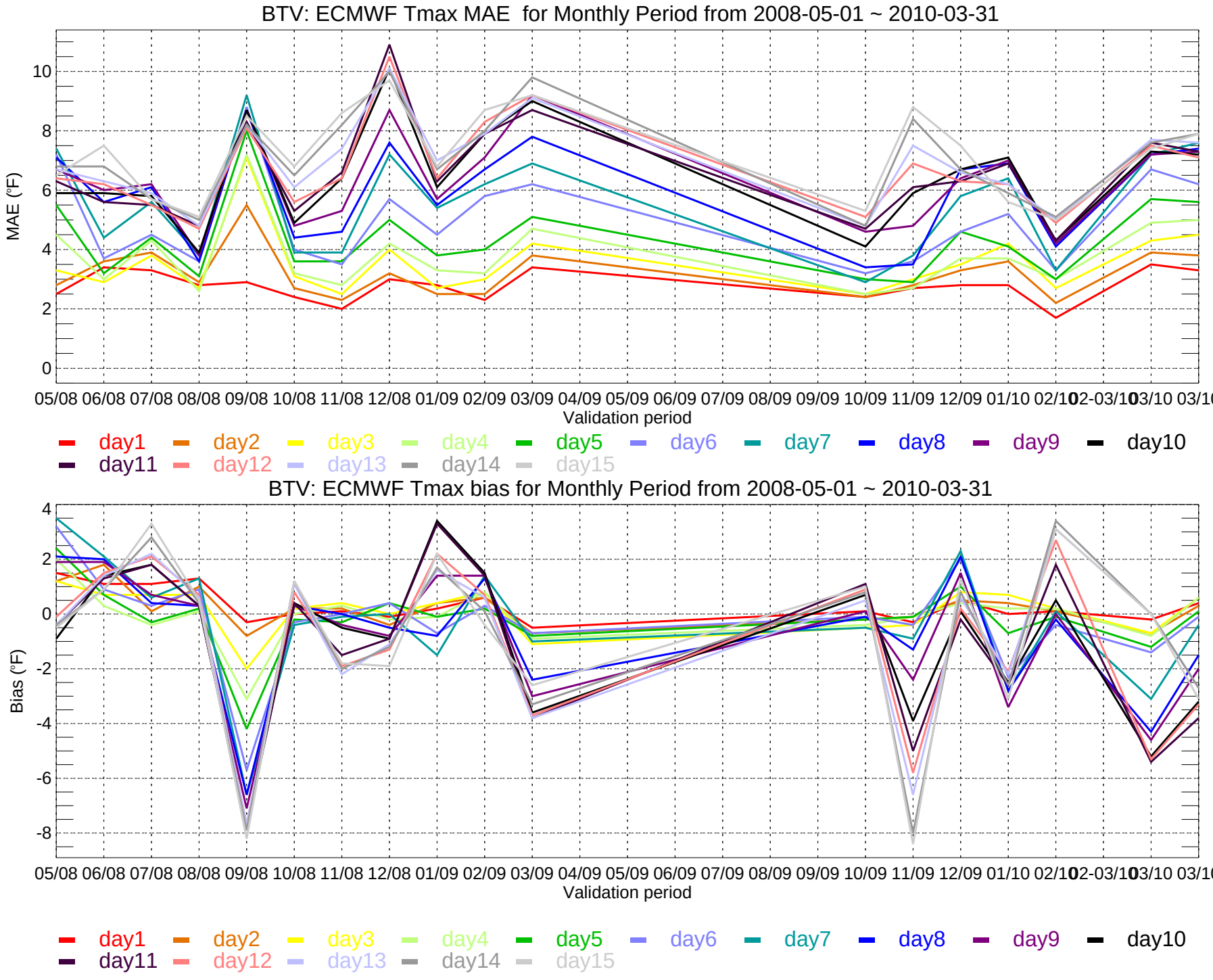

BOS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BOS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

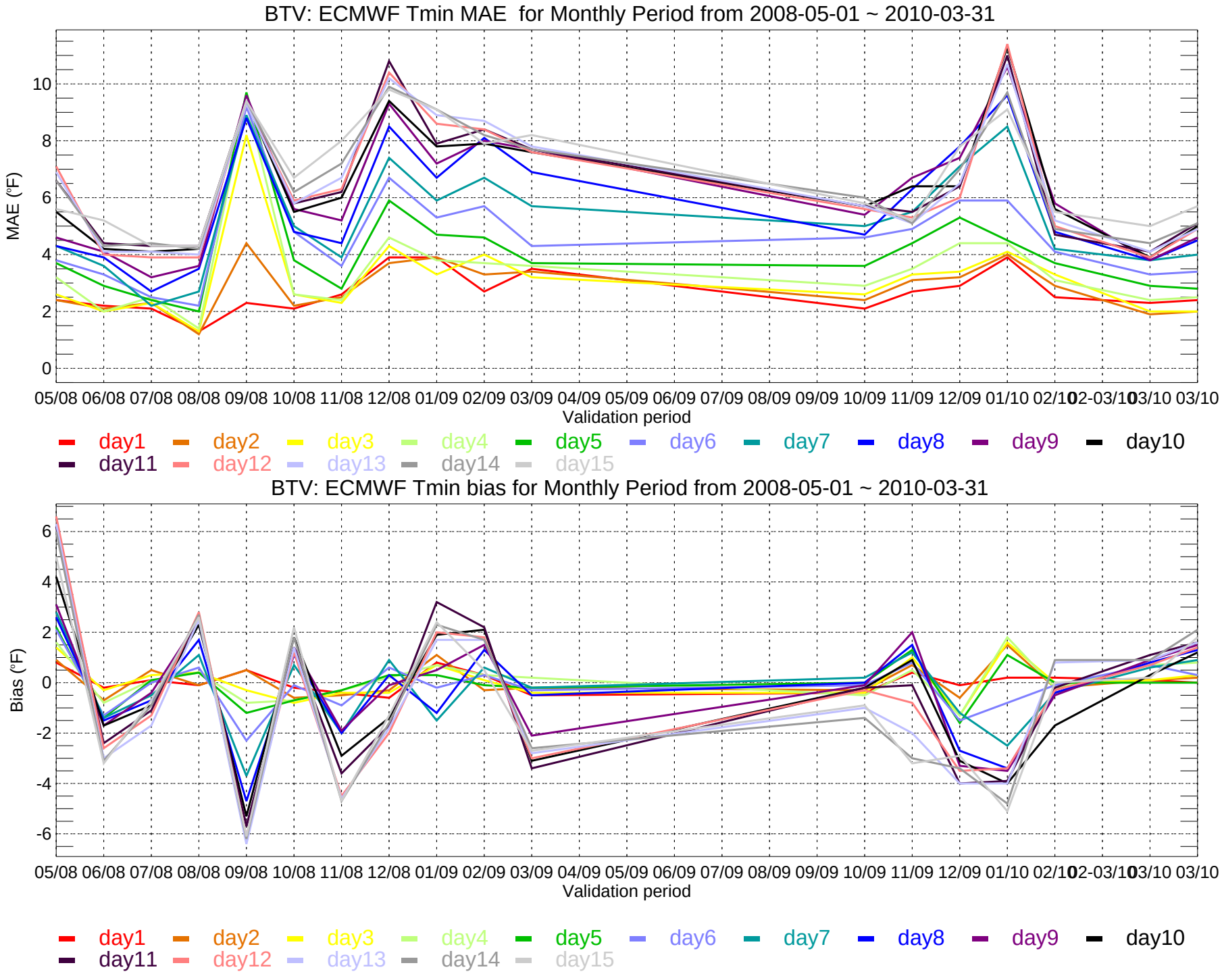

BOS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BOS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

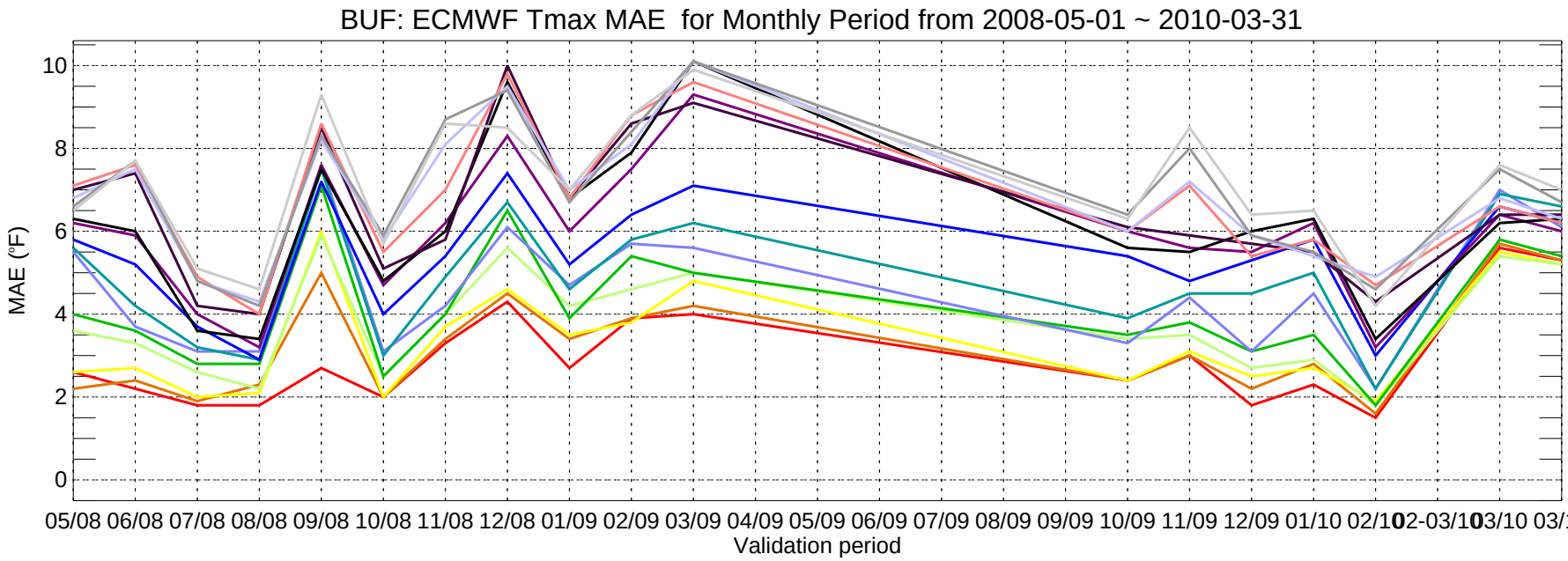

BRO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BRO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

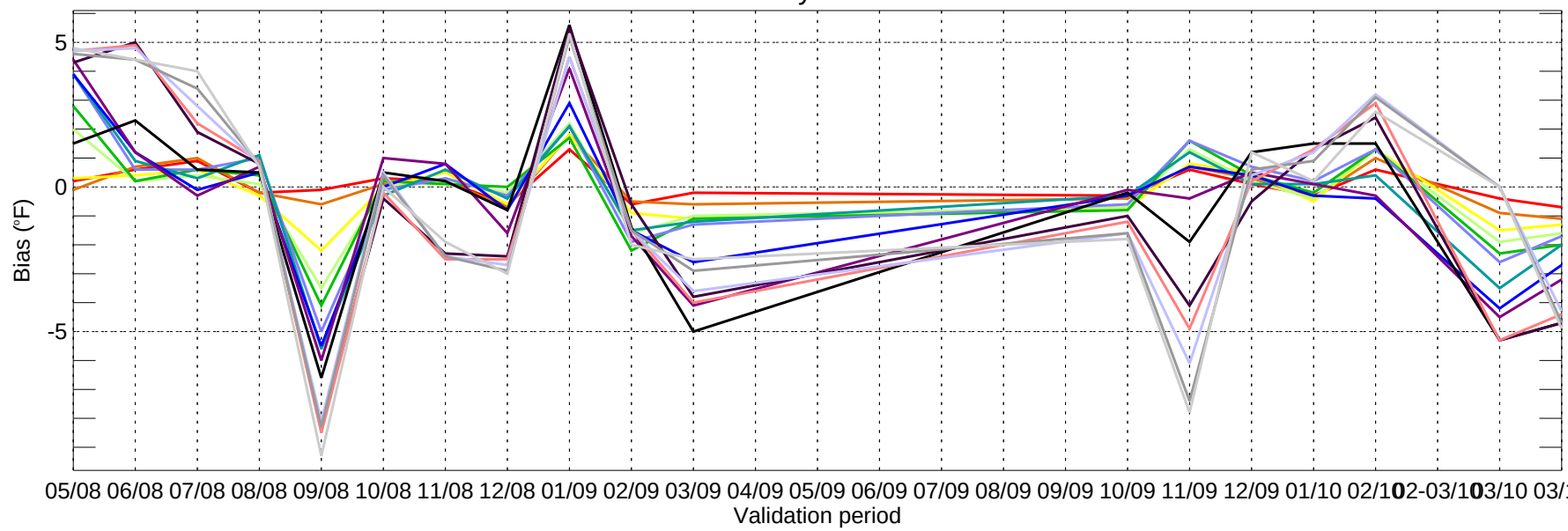

BRO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

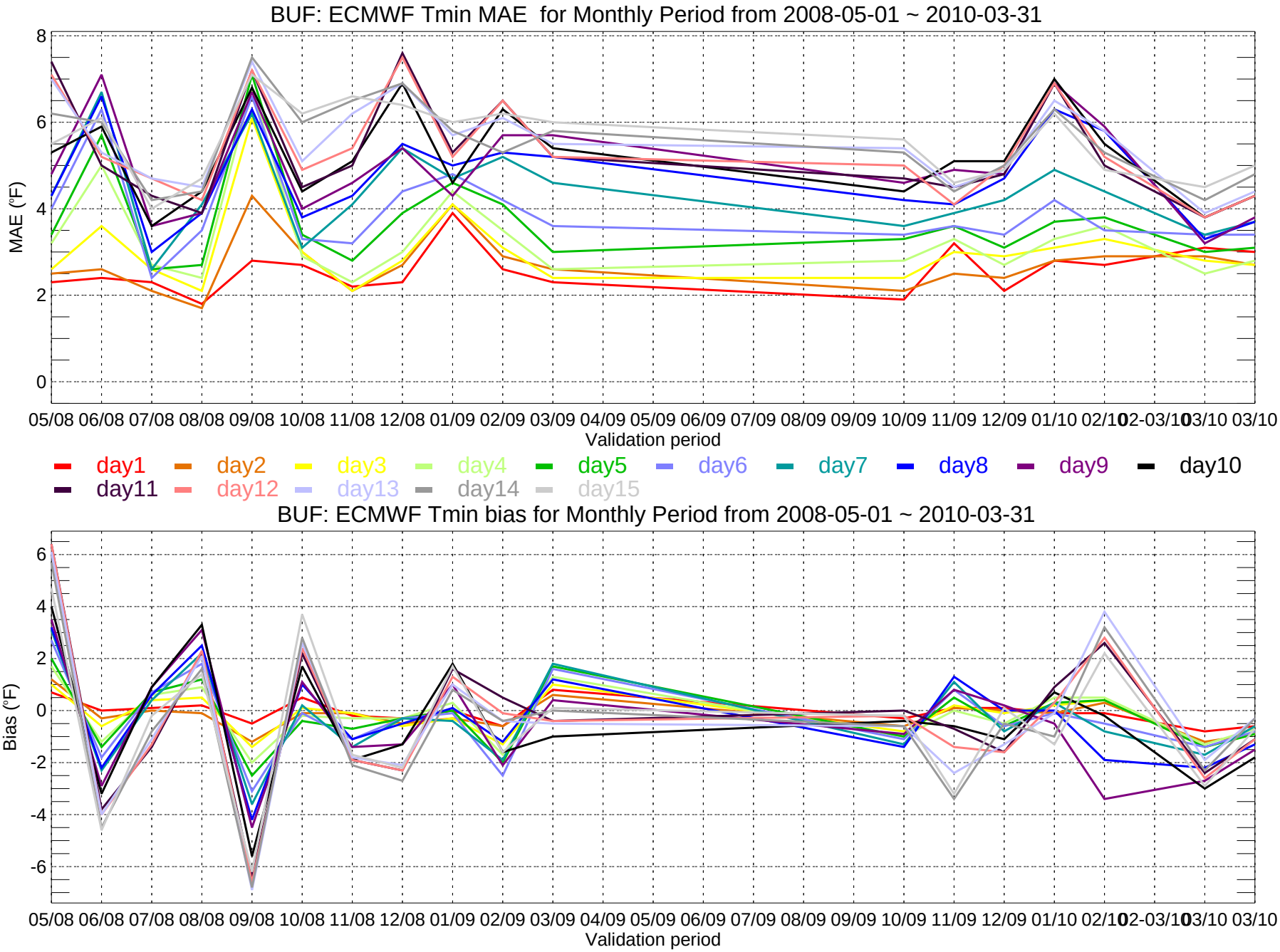

BRO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

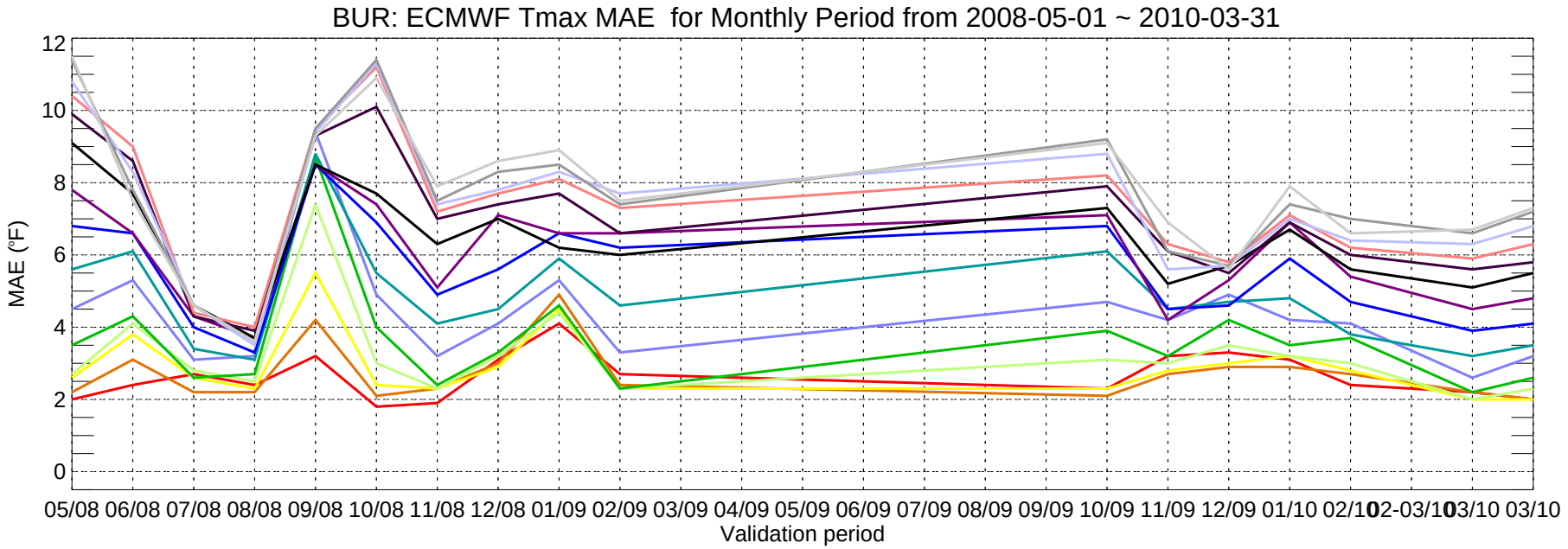

BTV: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BTV: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

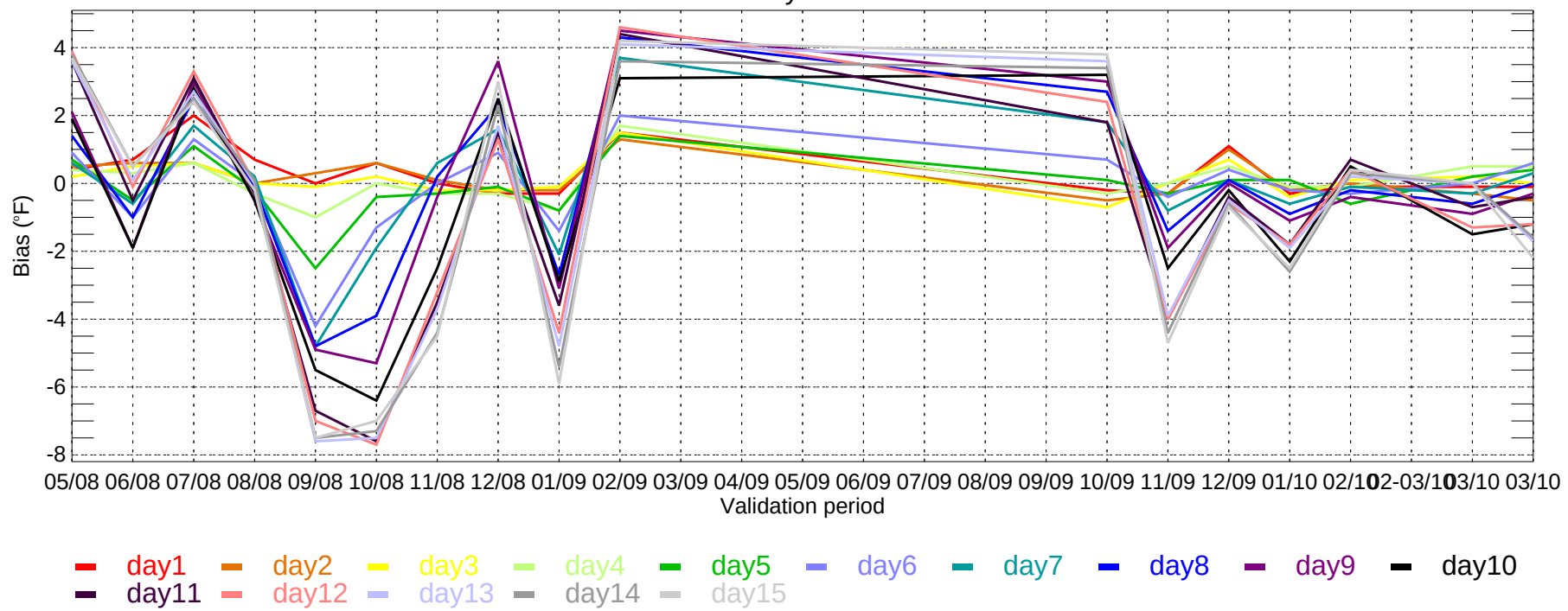

BTV: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BTV: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

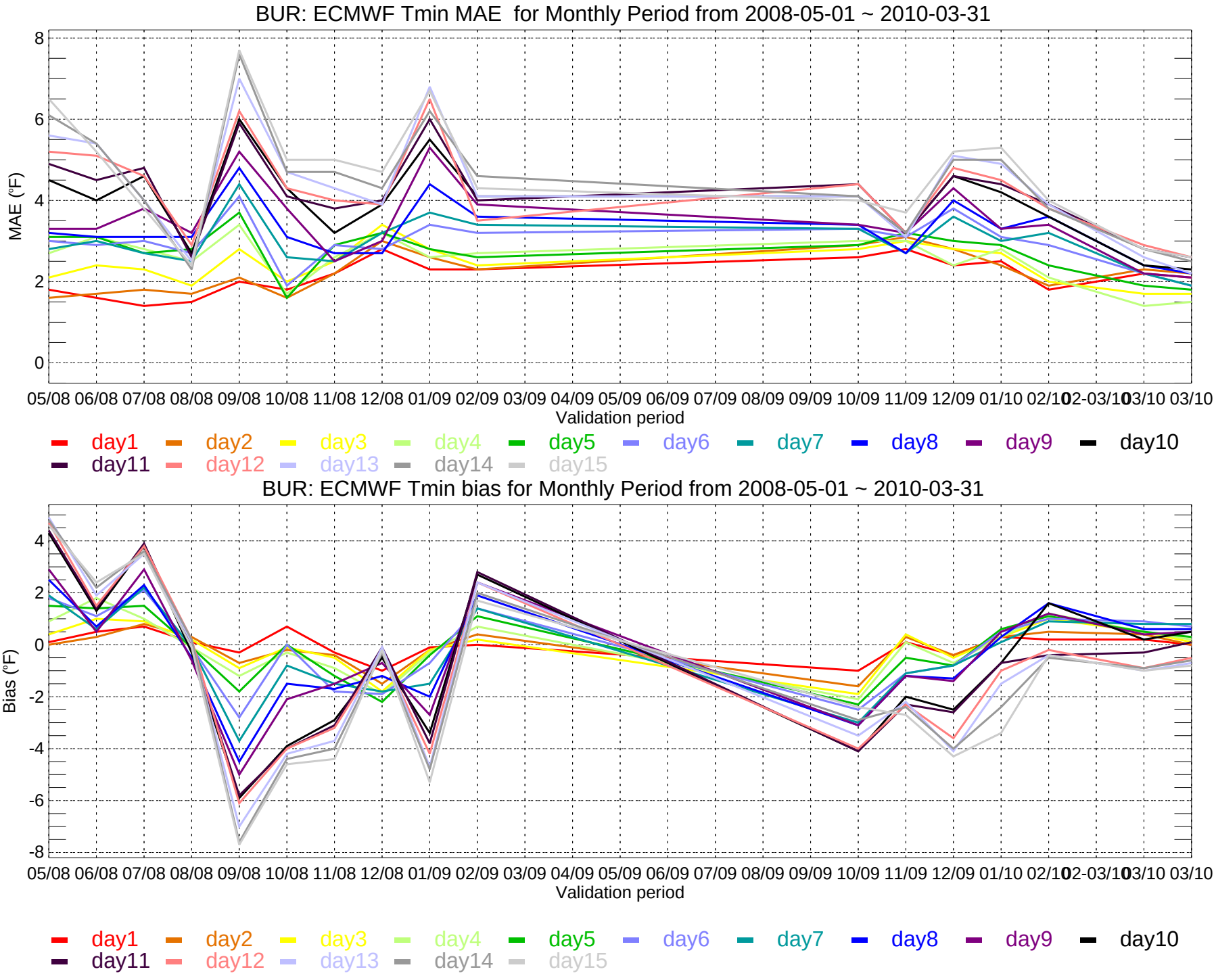

BUF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

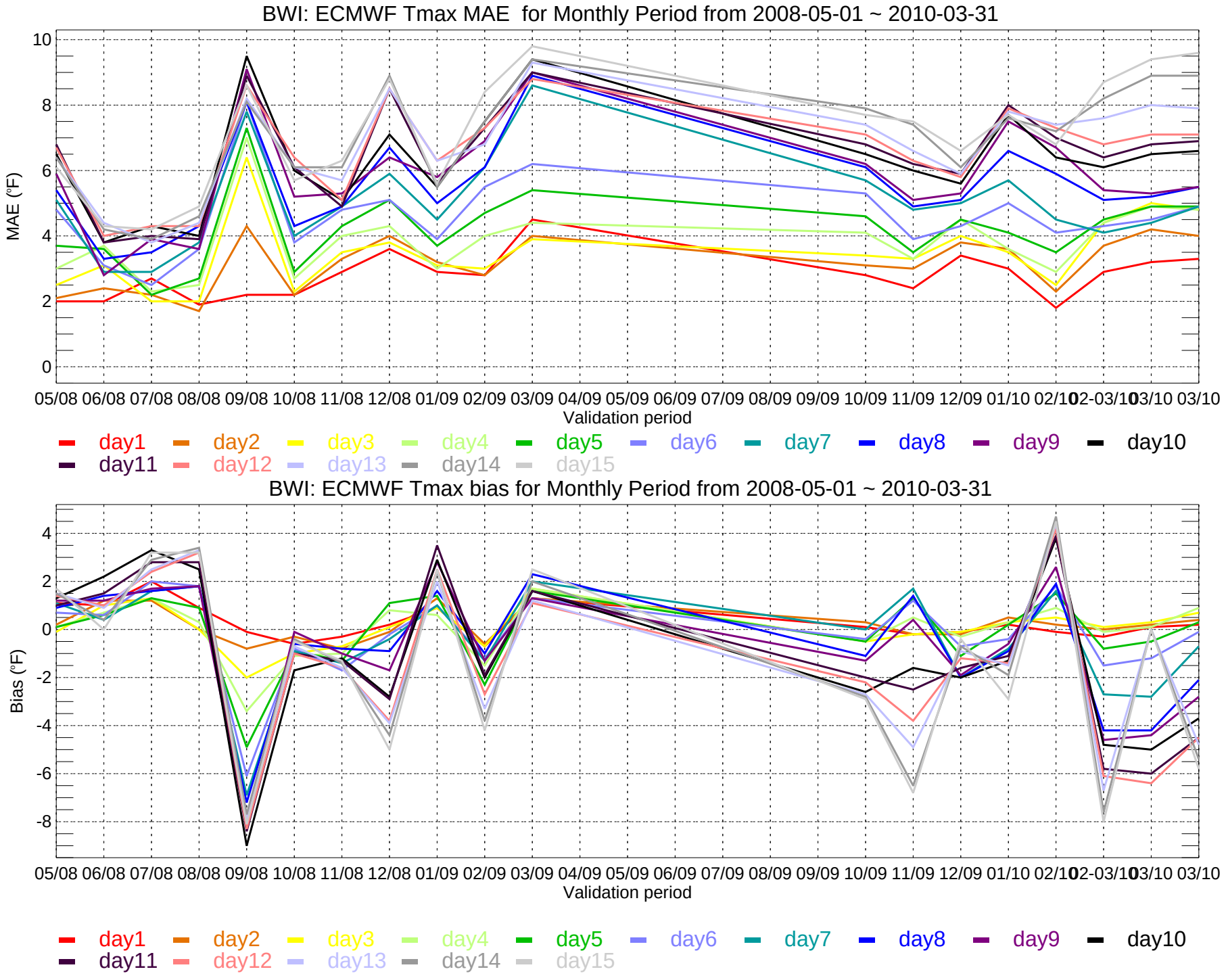

BUF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

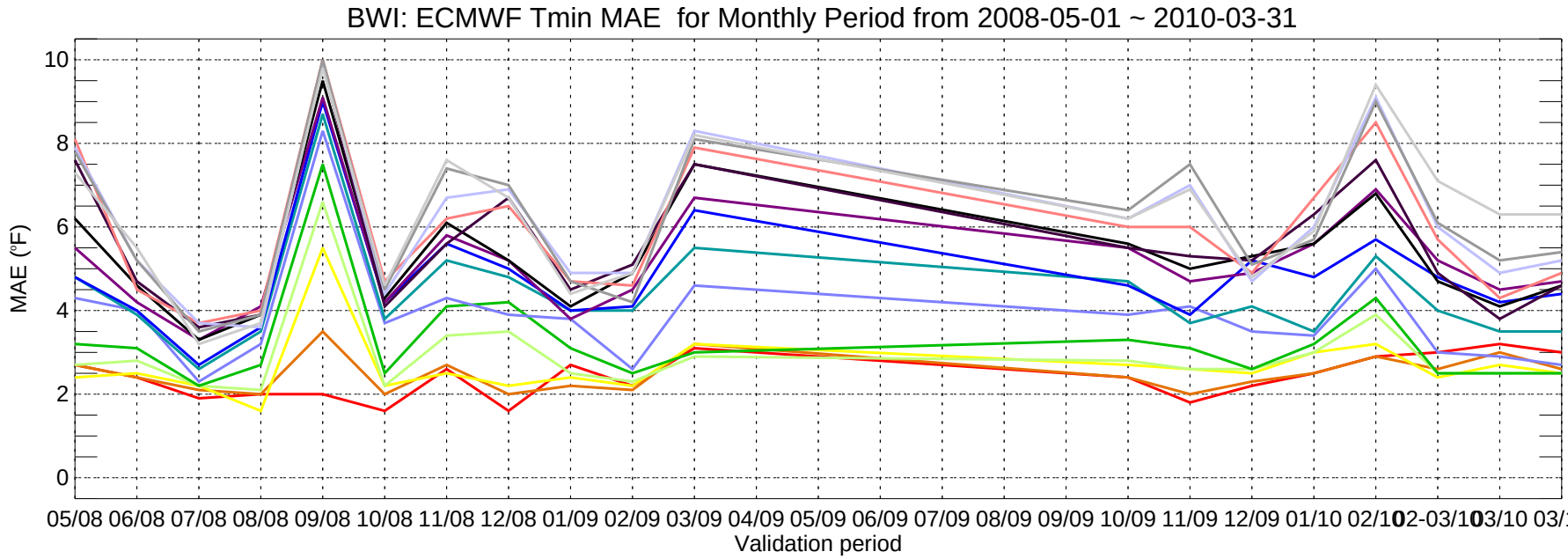

BUF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
BUF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

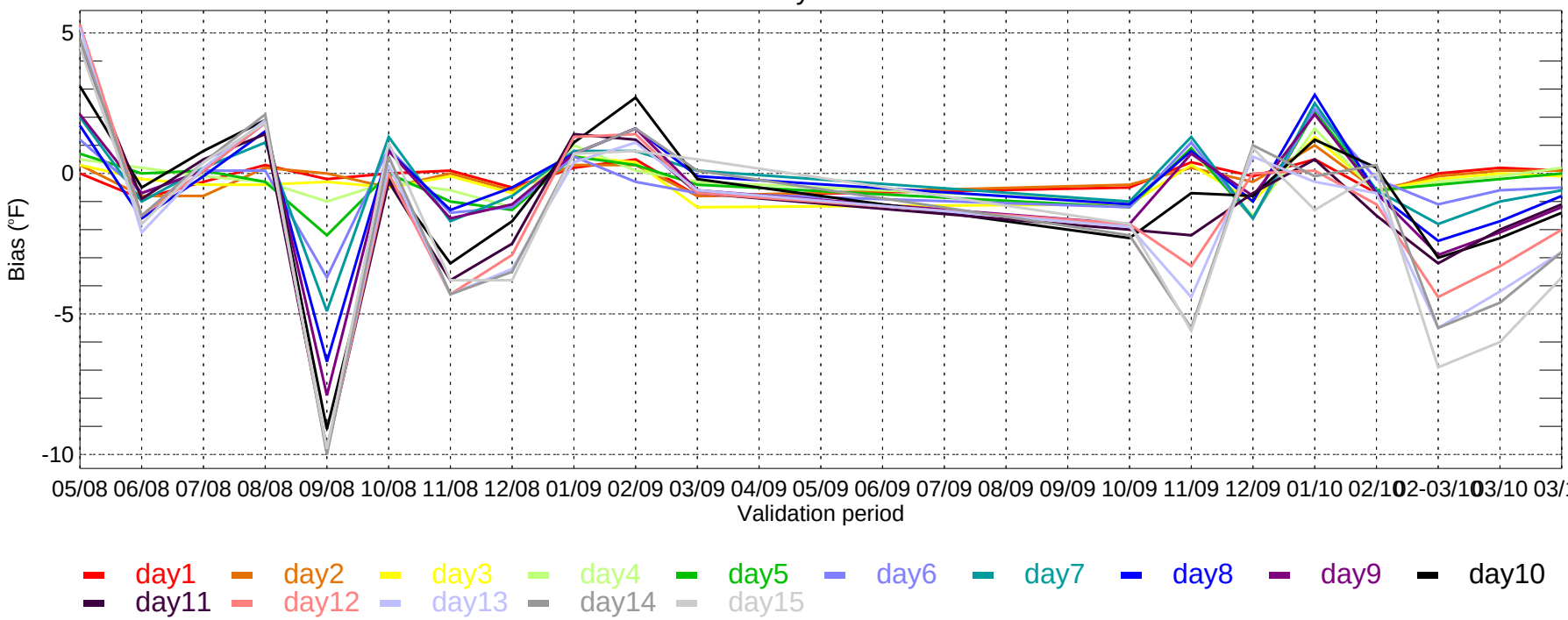

BUR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BUR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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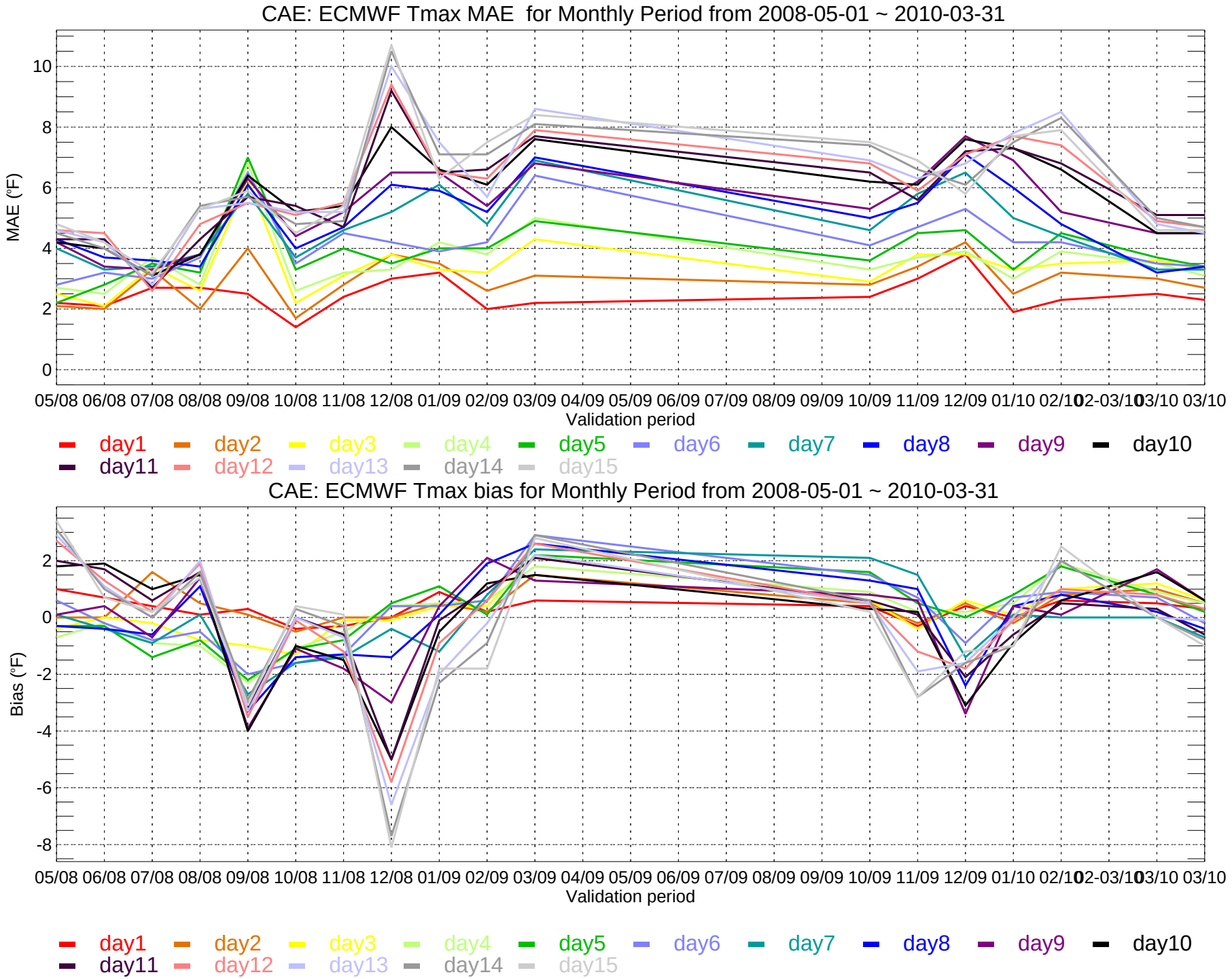
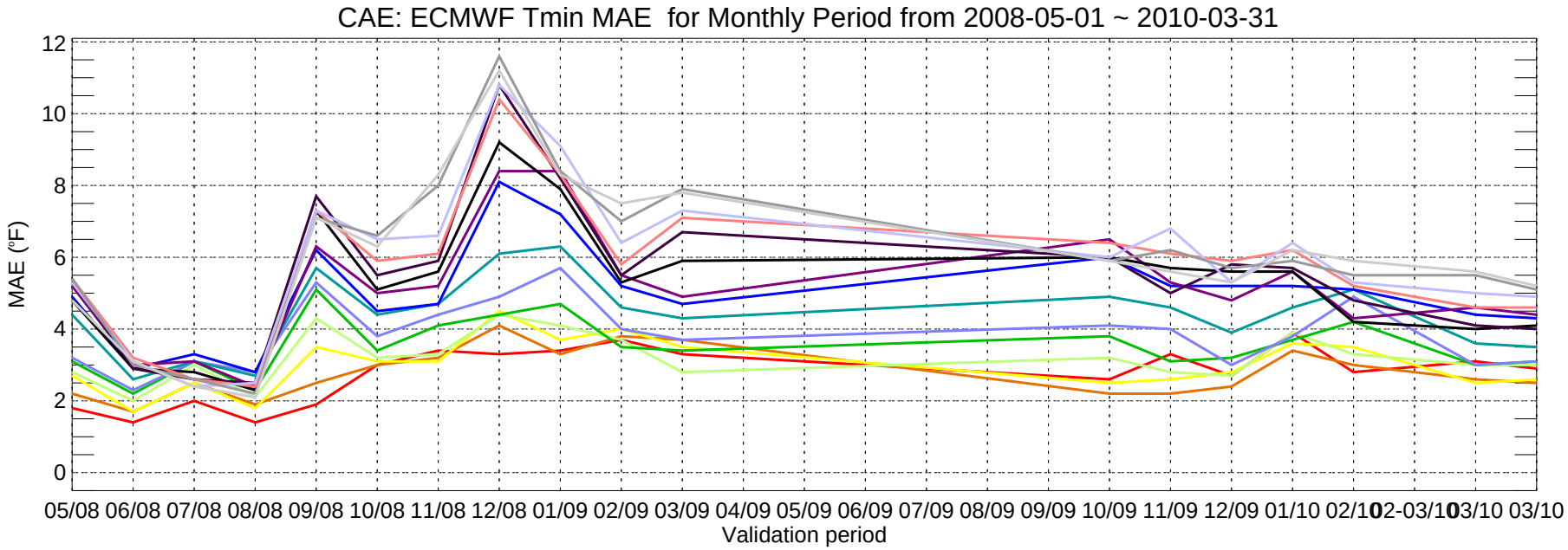
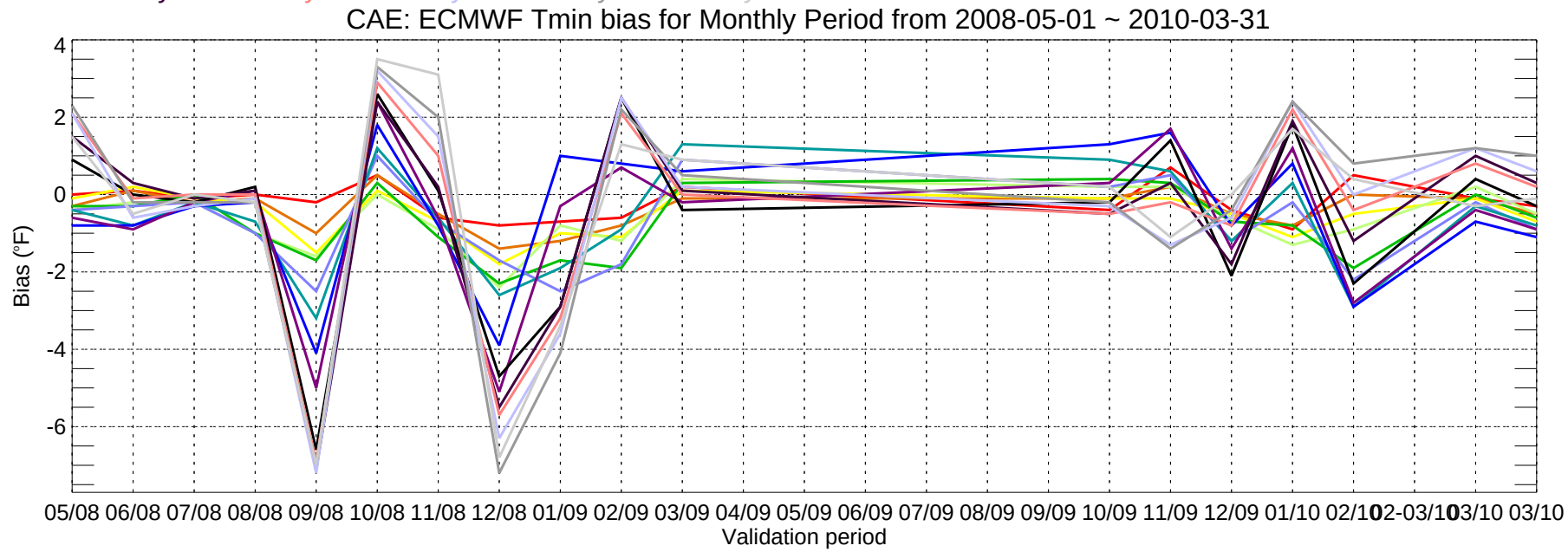
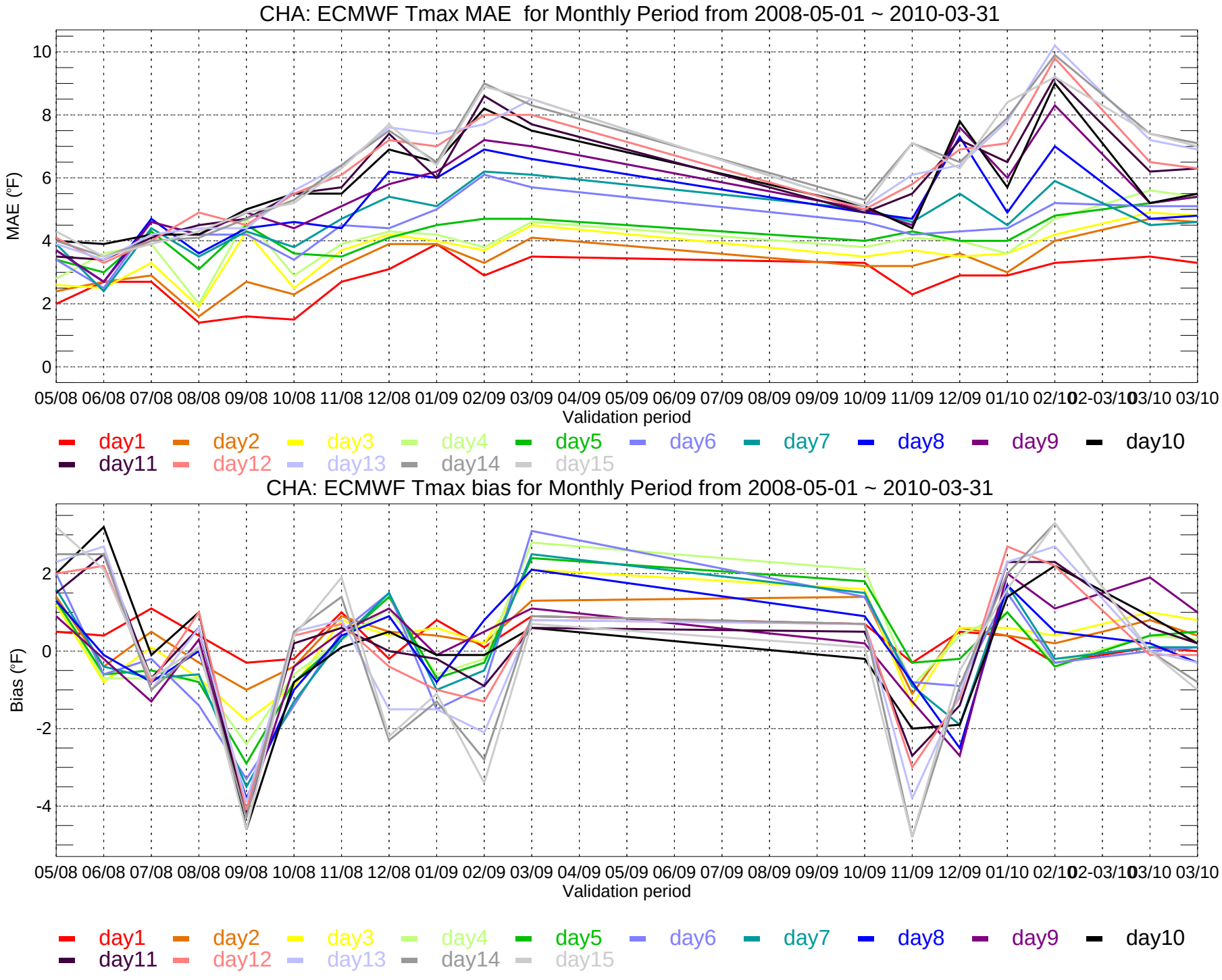
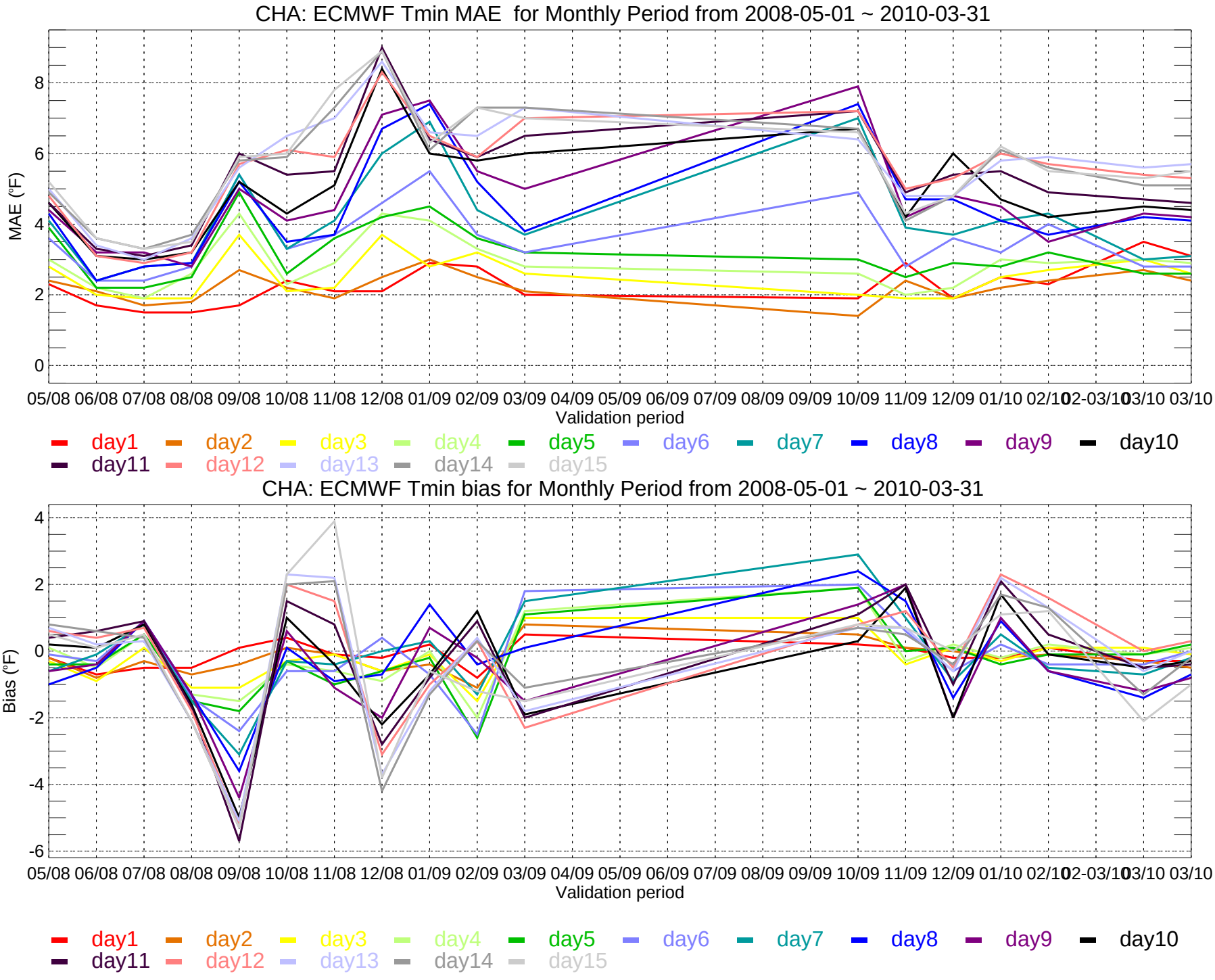
day11 day12 day13 day14 day15

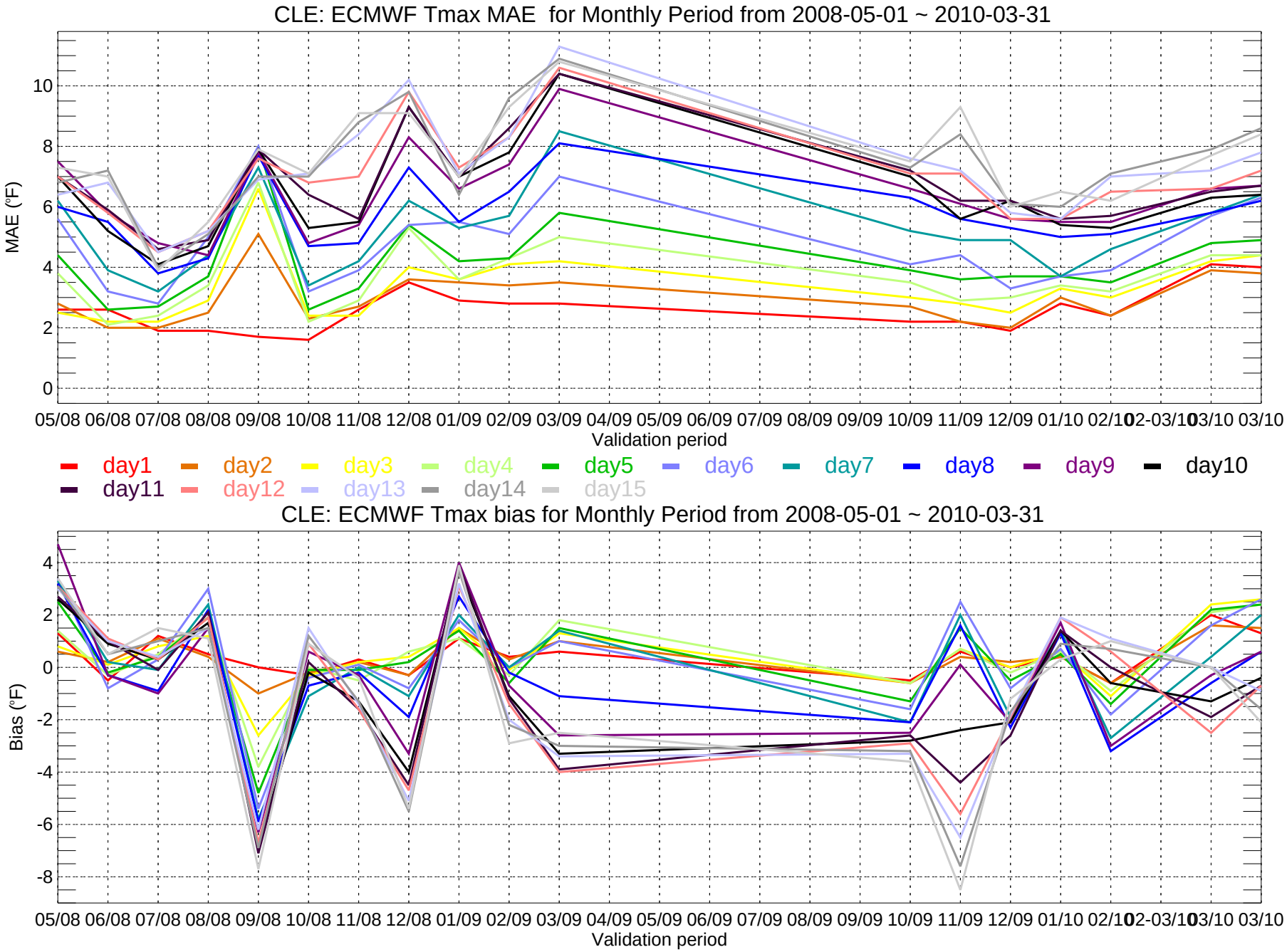

CAE: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
CAE: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

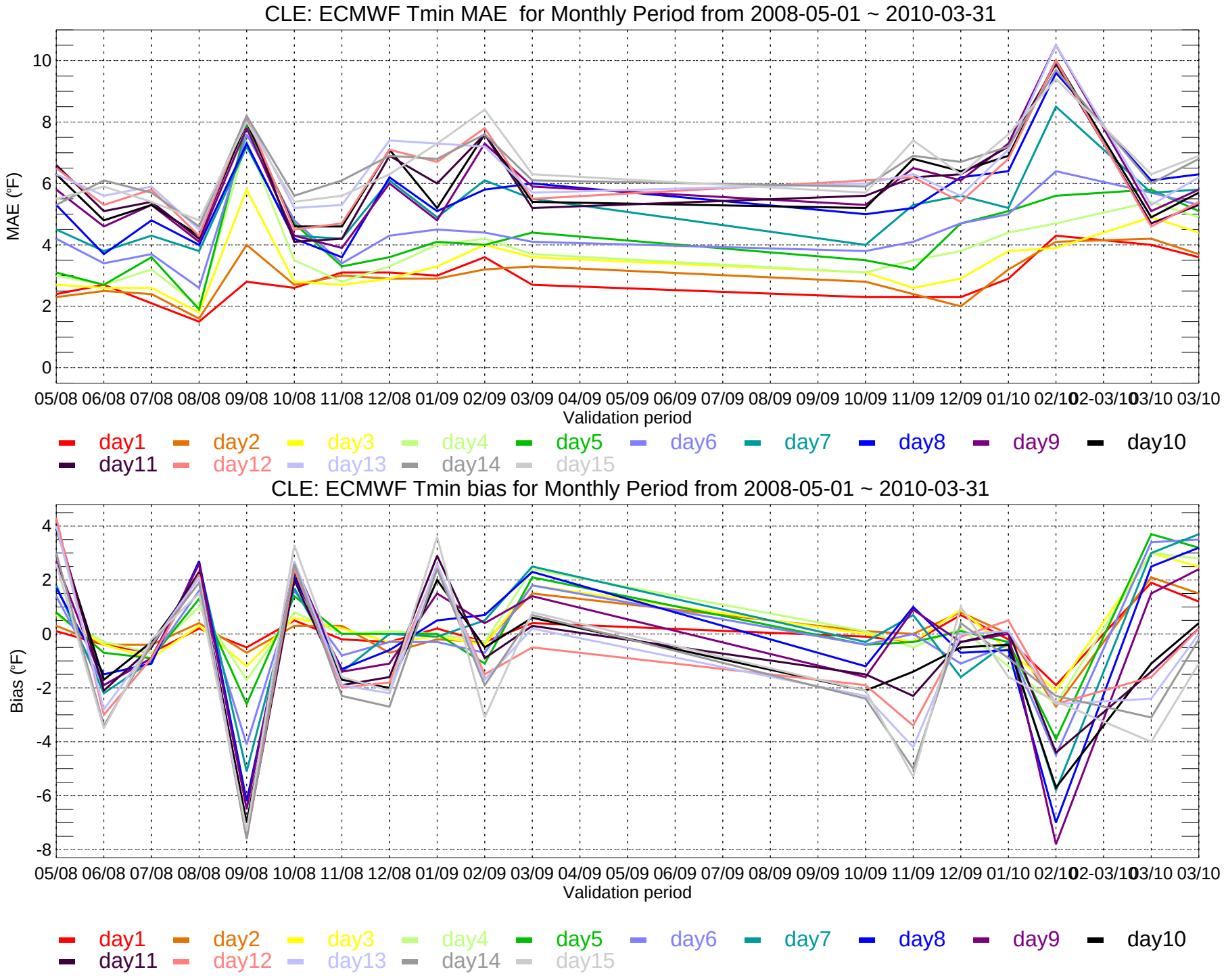

CAE: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CAE: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
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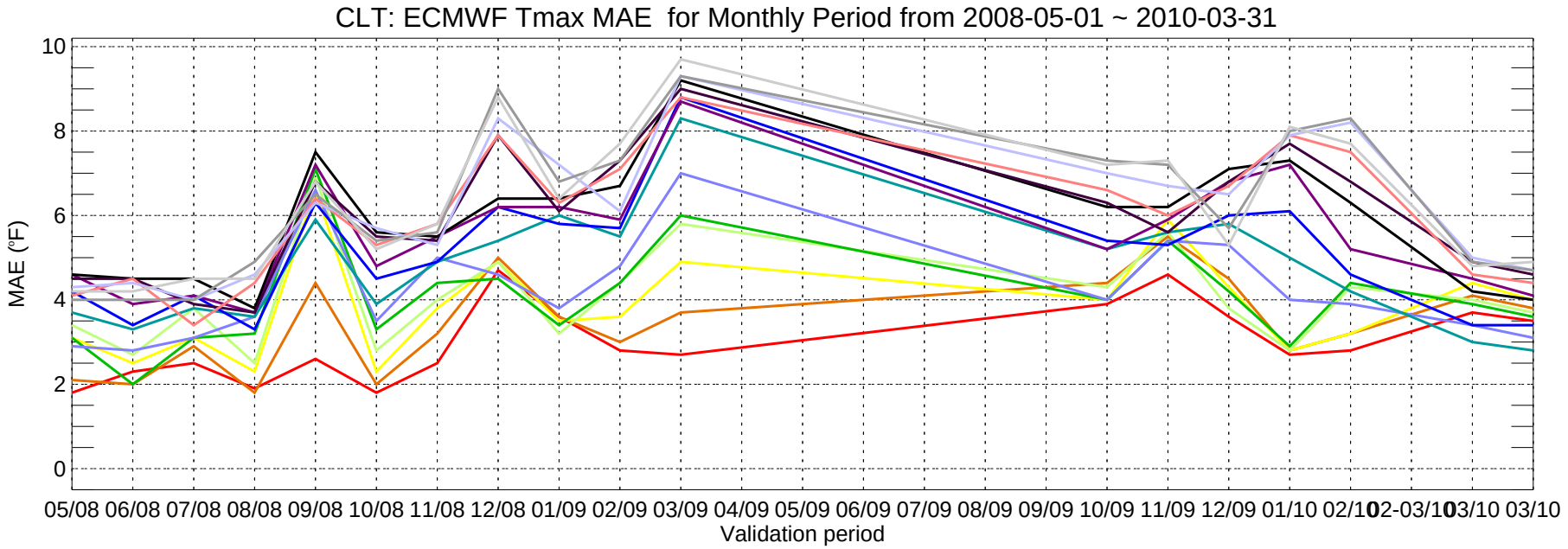
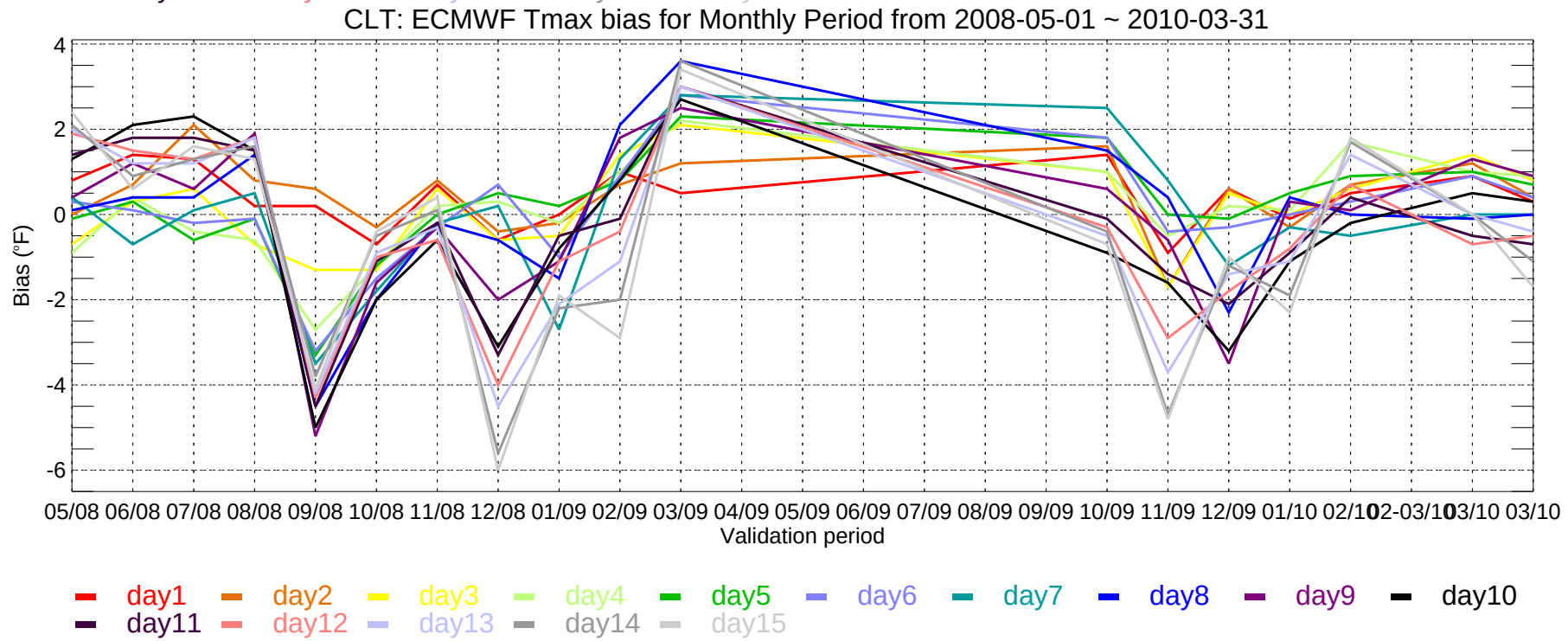
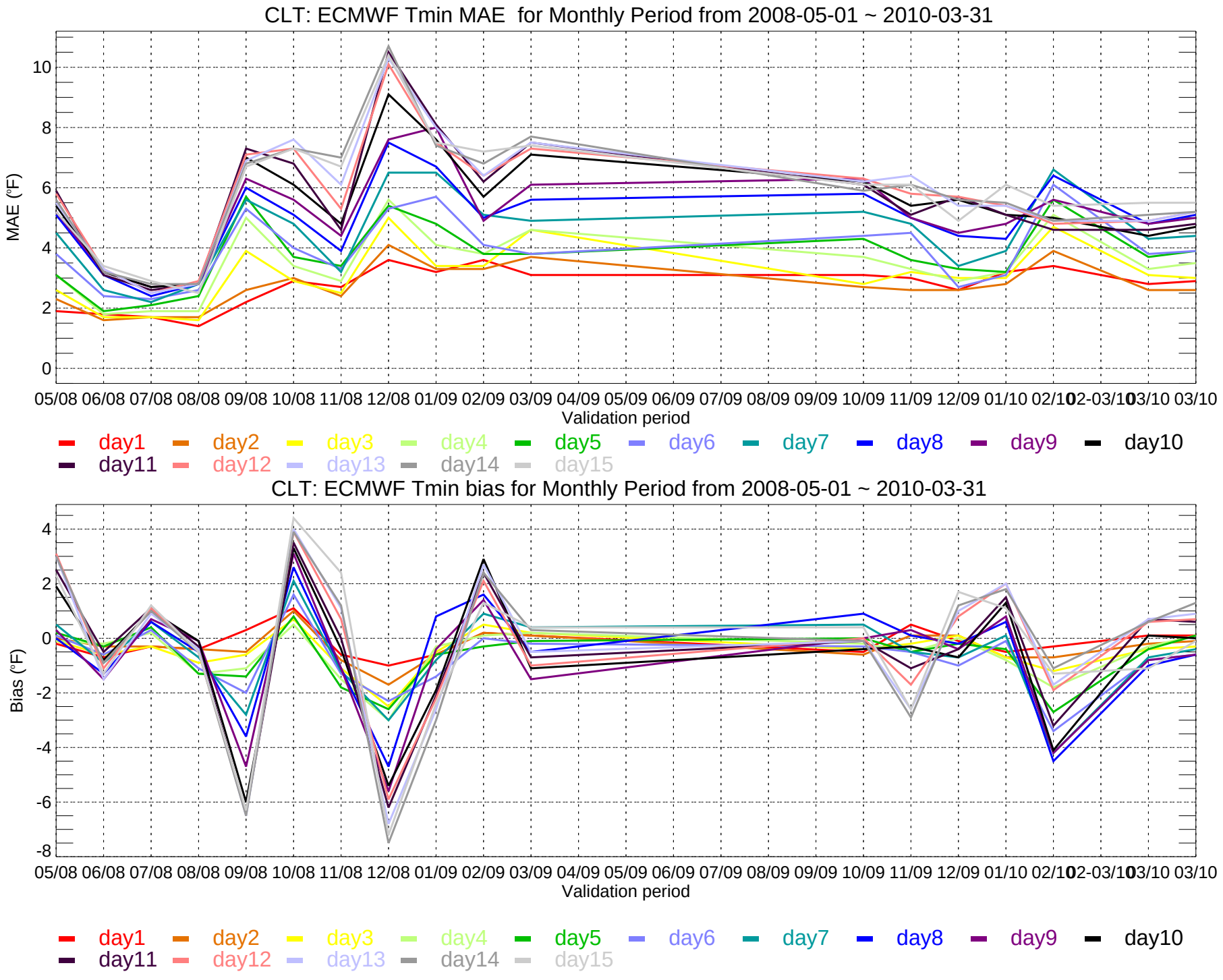
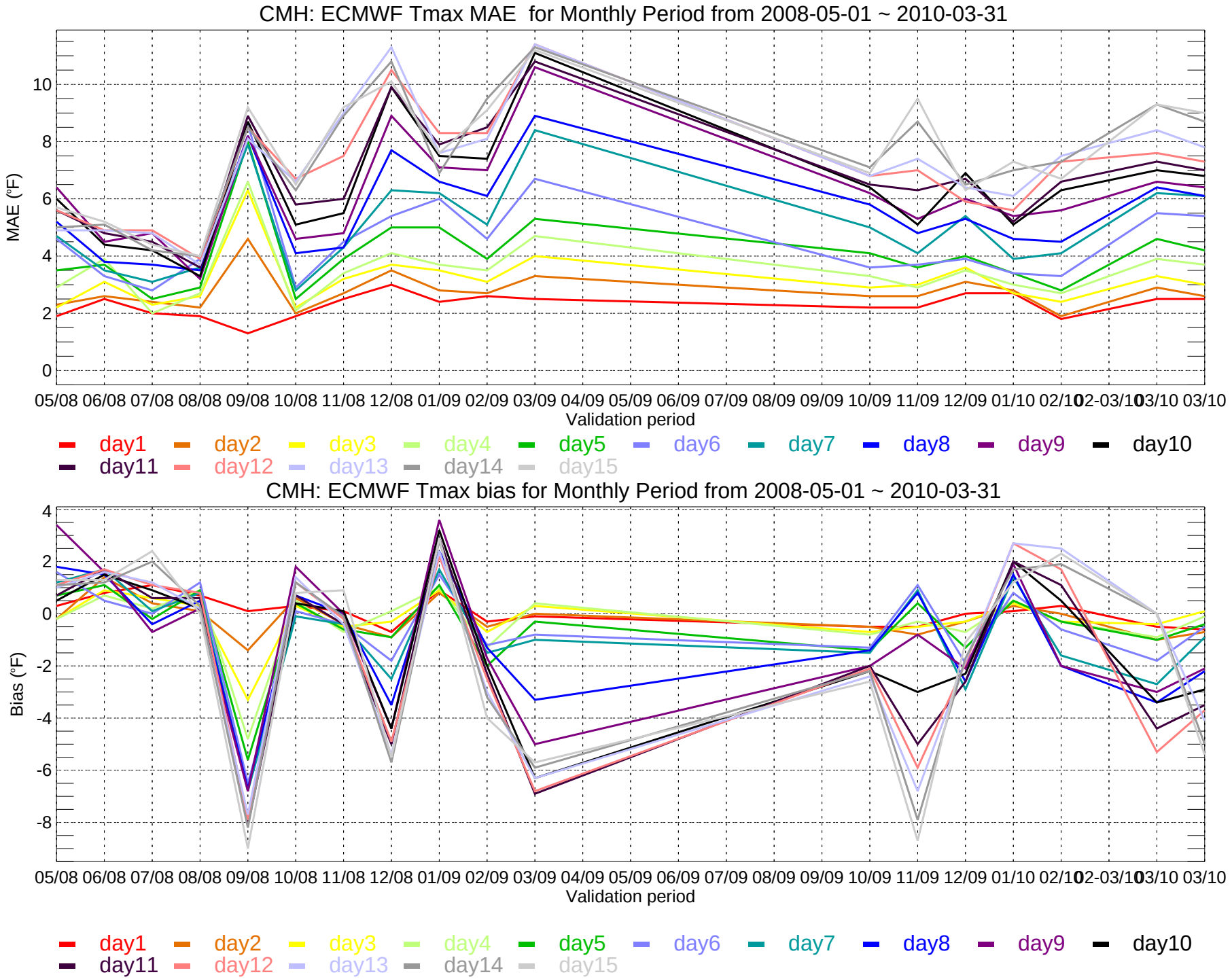
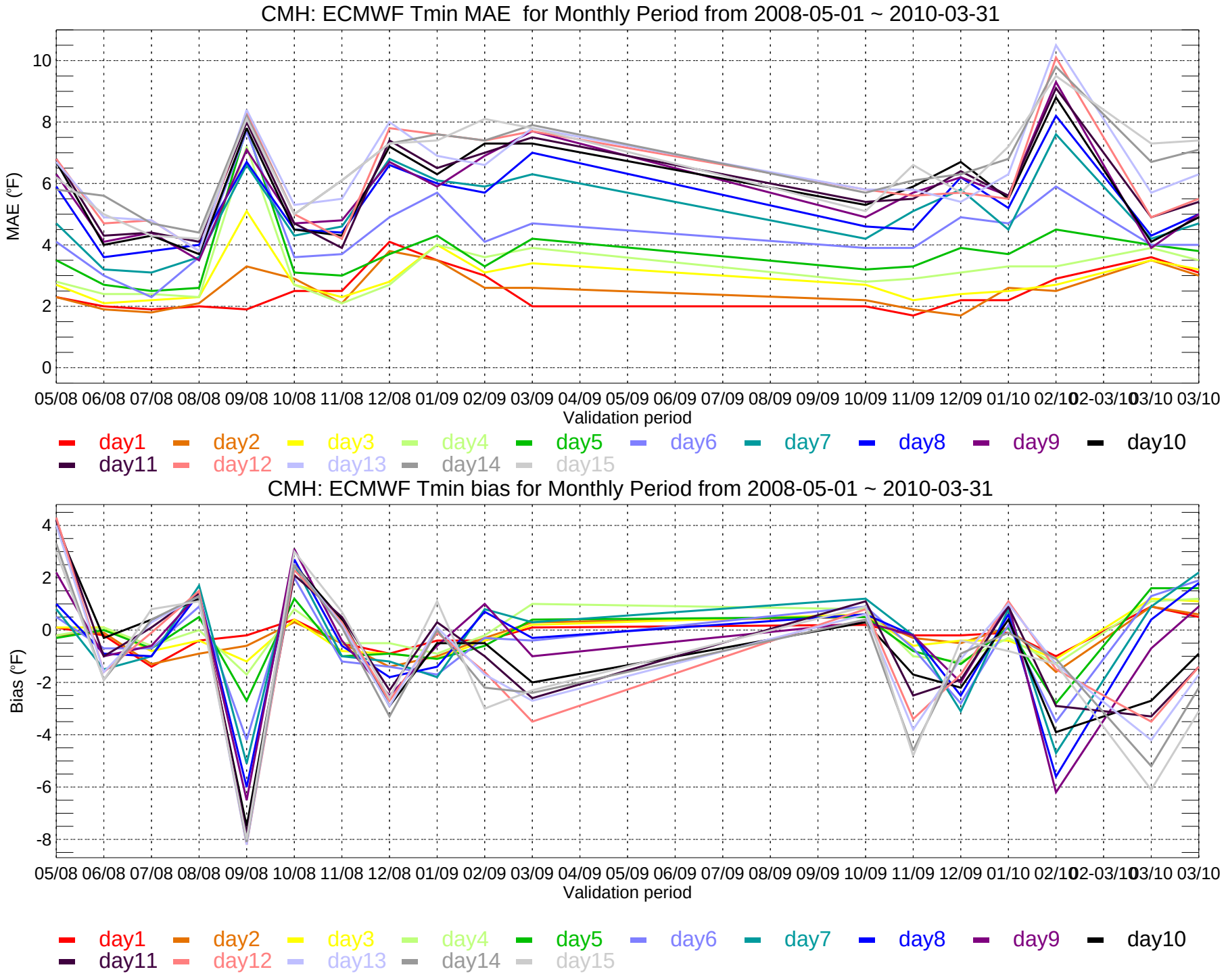
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
CLE: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

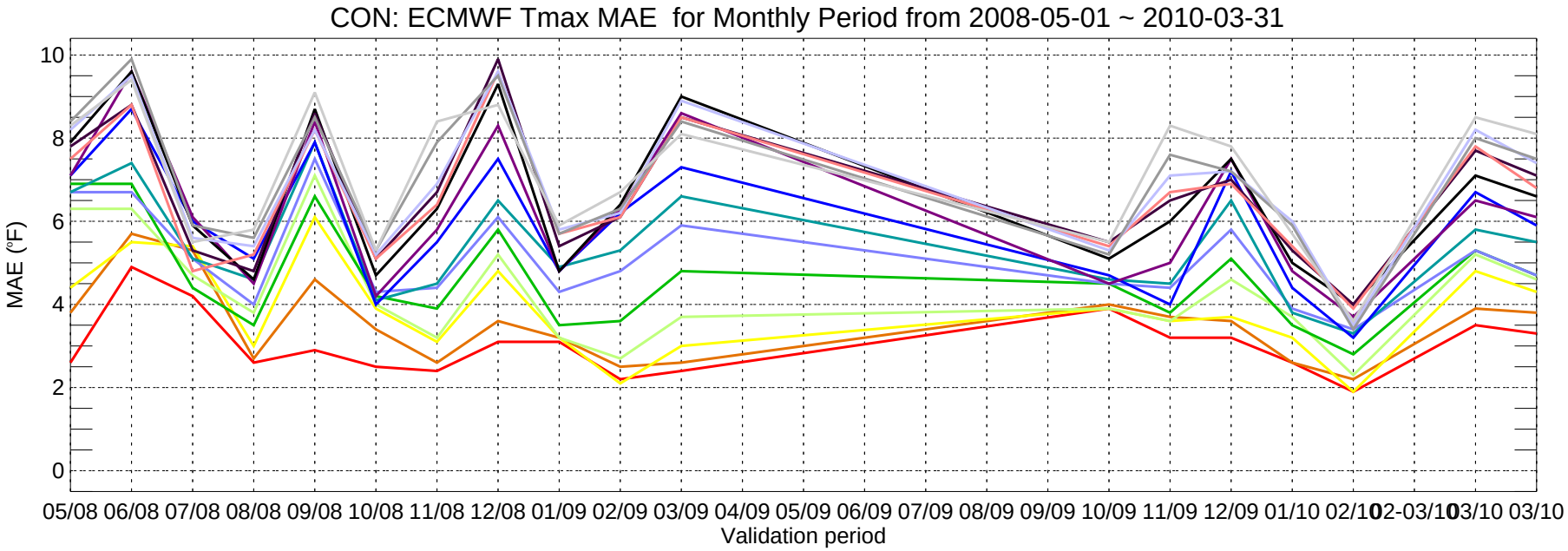

CLT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

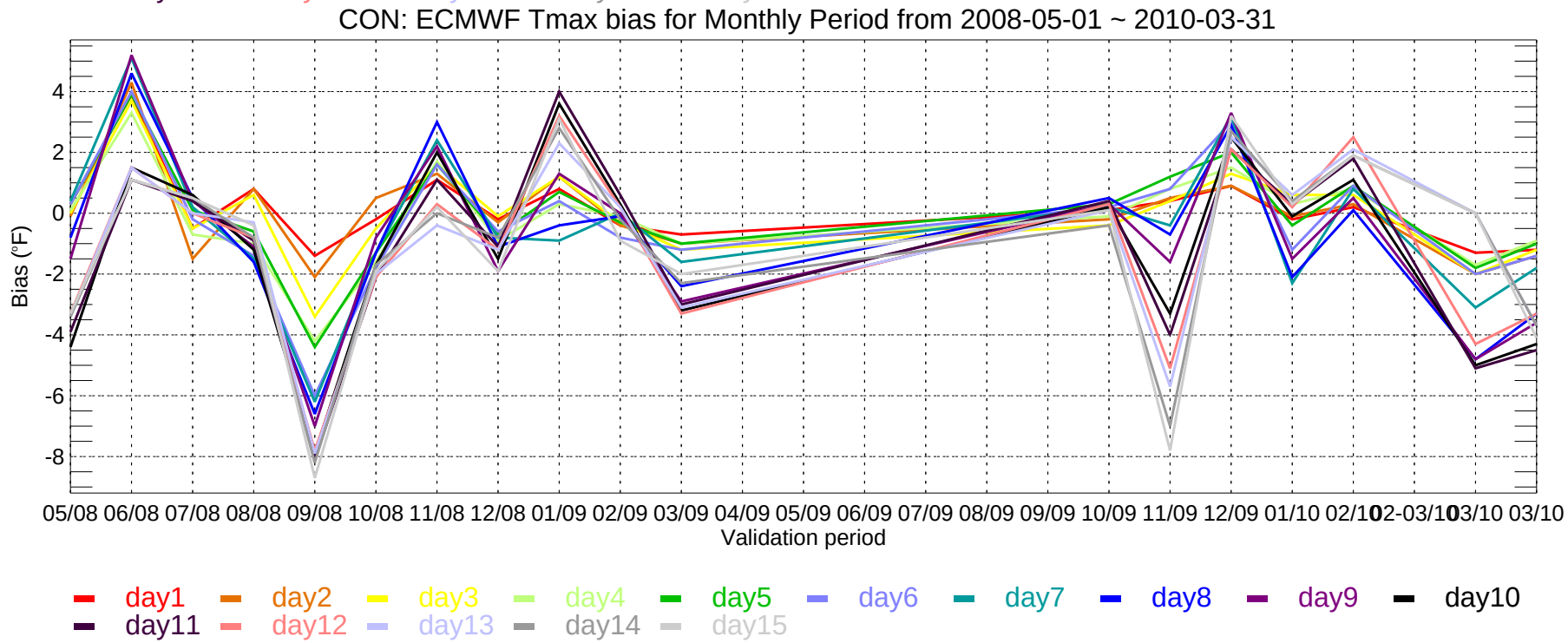

CLT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

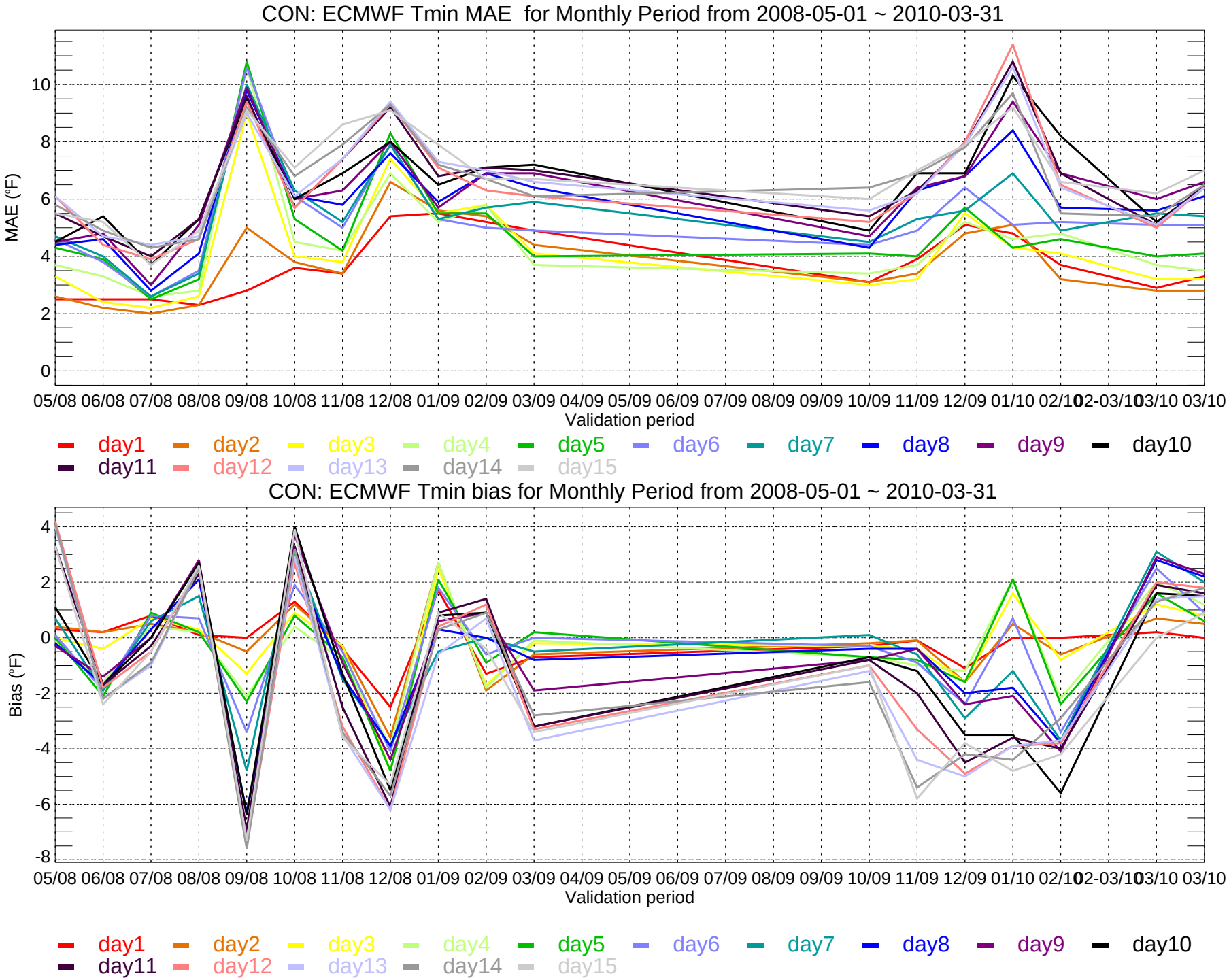

CLT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
CLT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

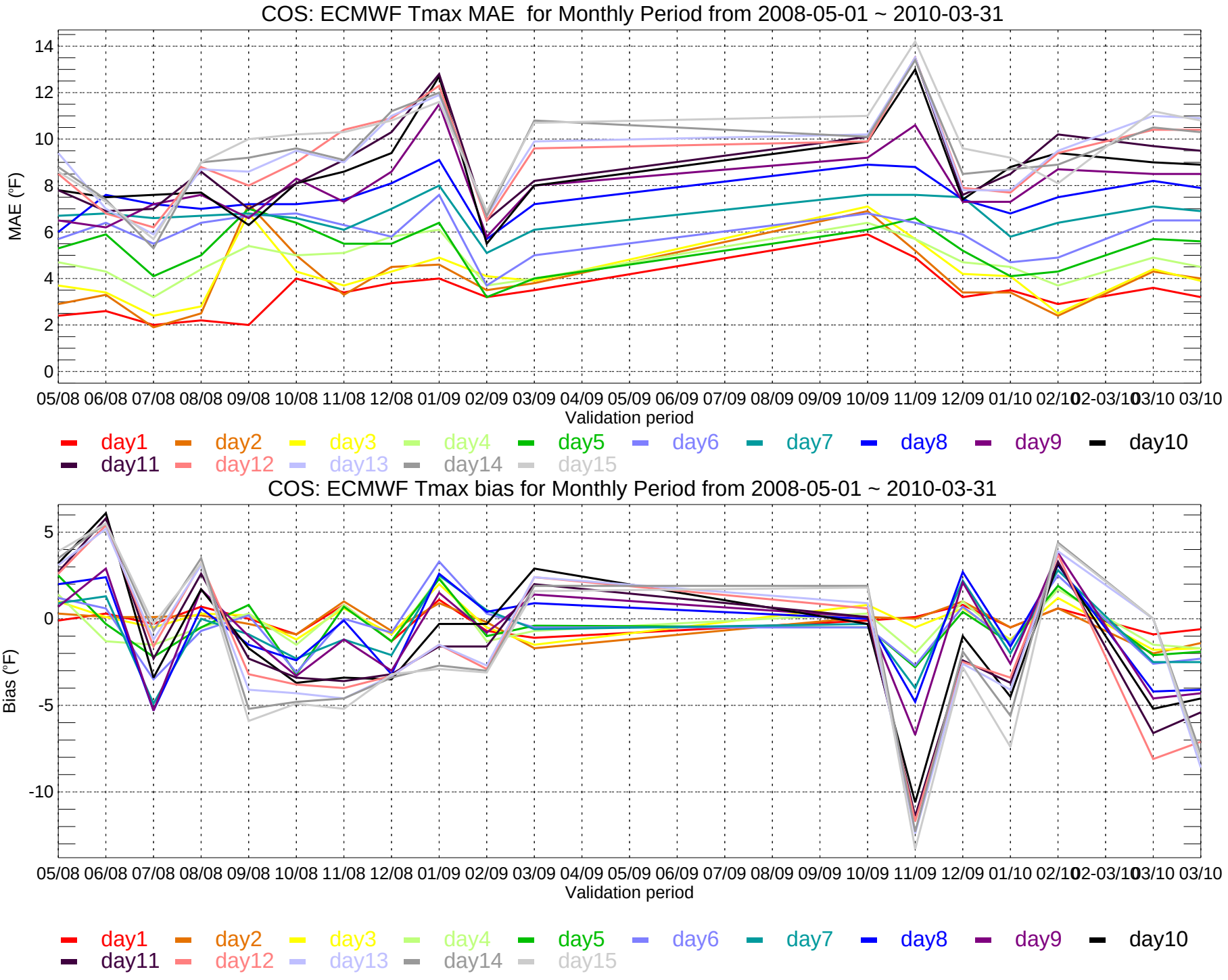

CMH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
CMH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

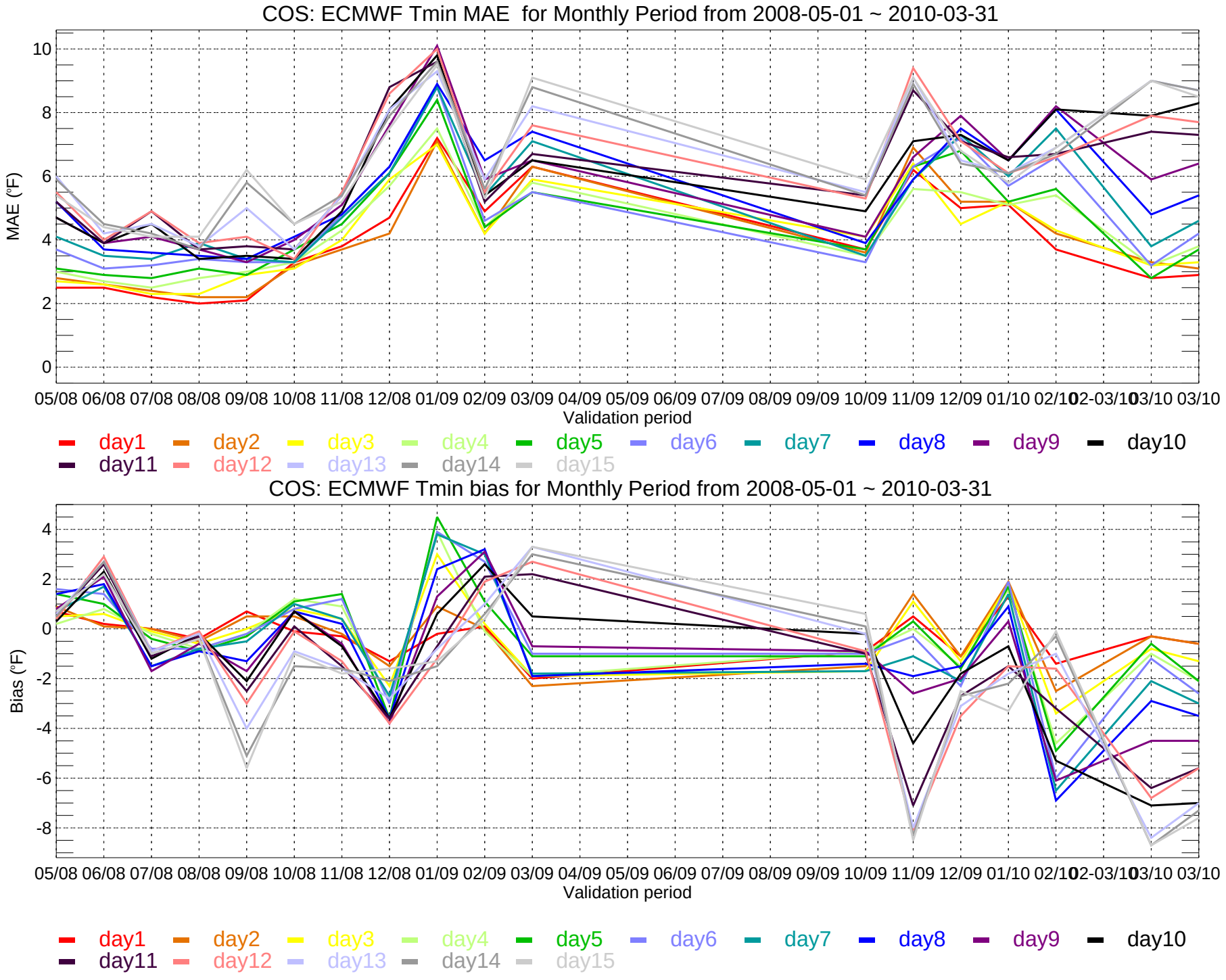

CMH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
CMH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

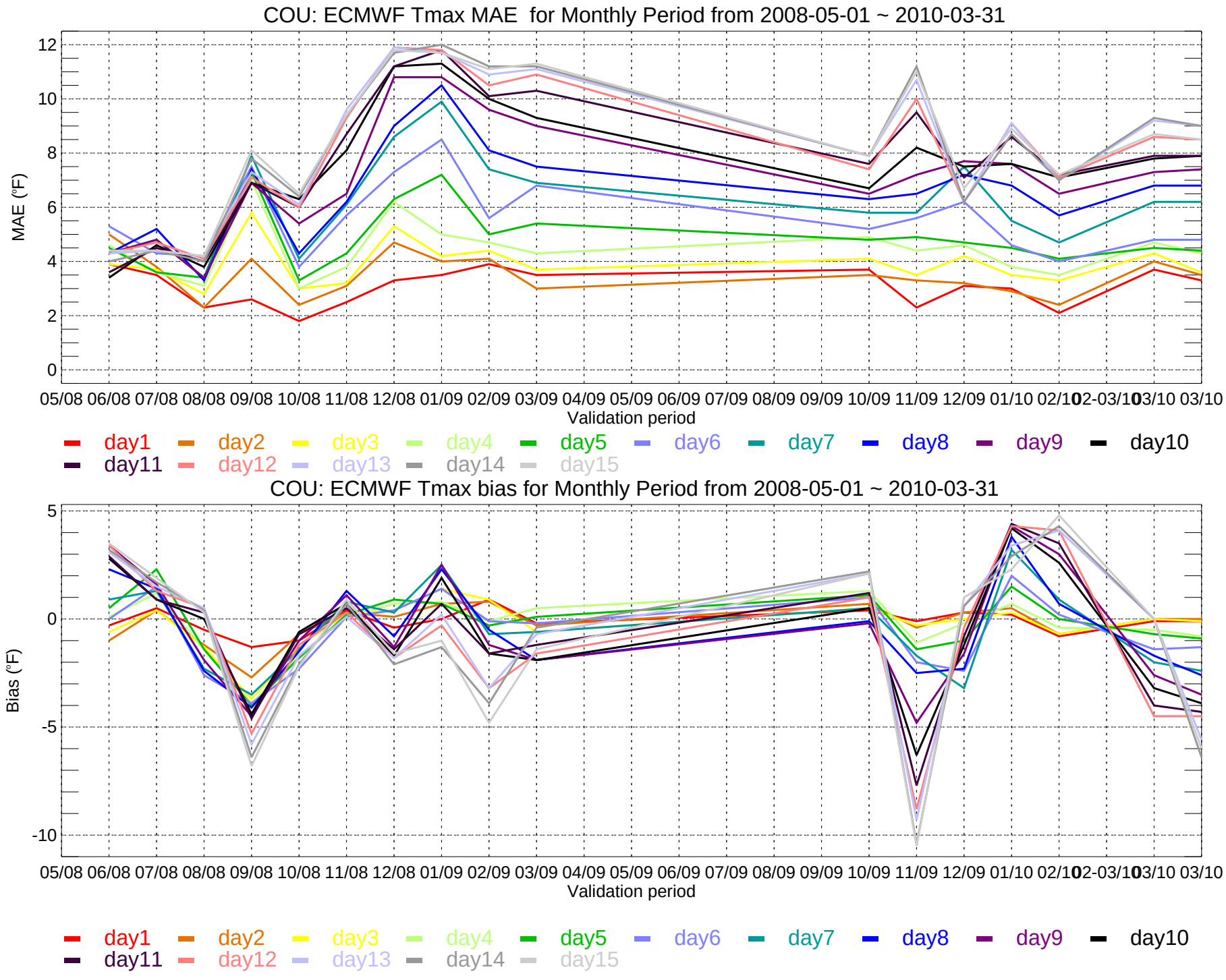

CON: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

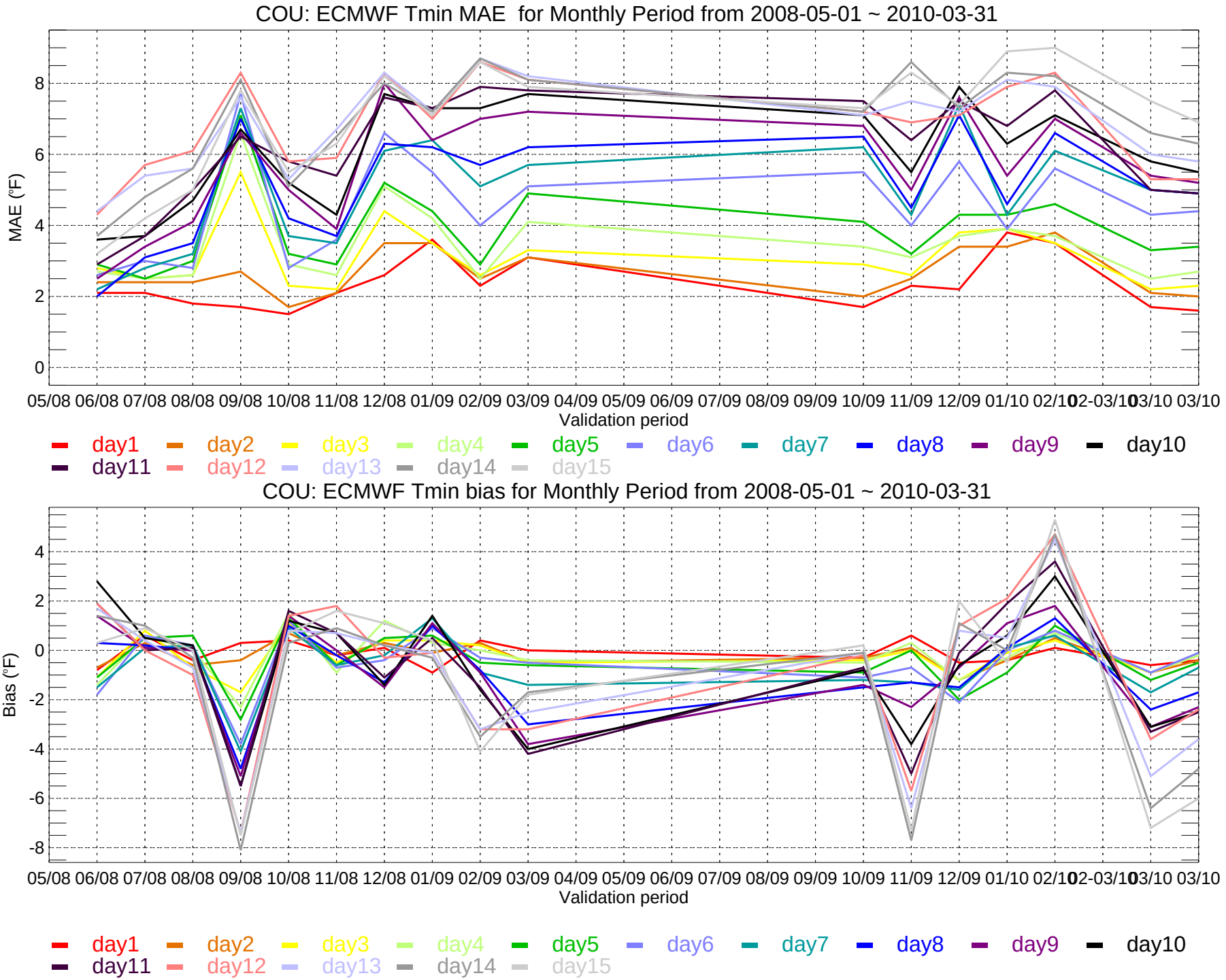

CON: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

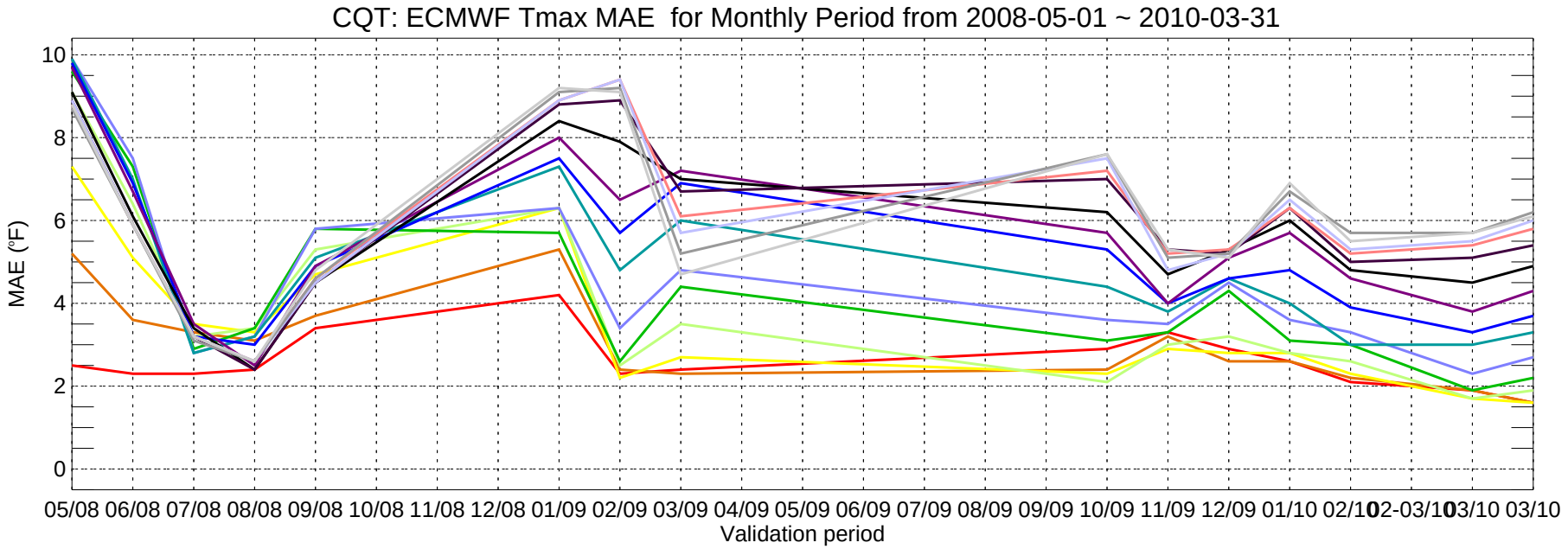

CON: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
CON: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

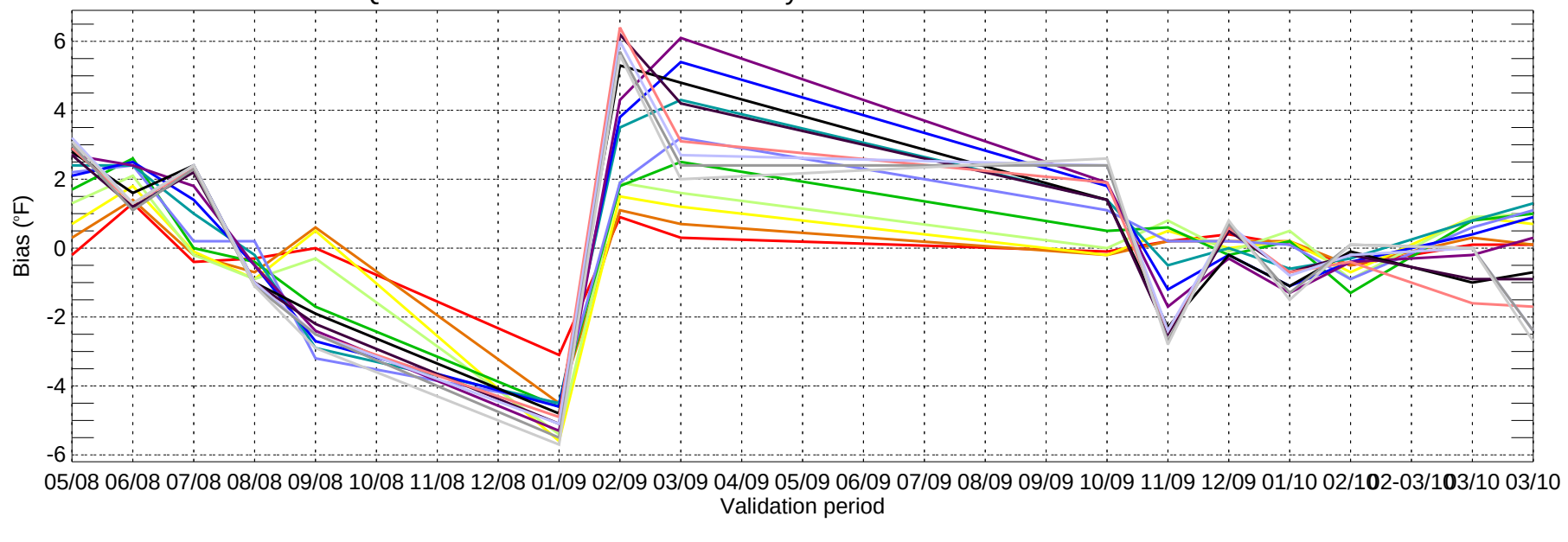

COS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
14
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
COS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

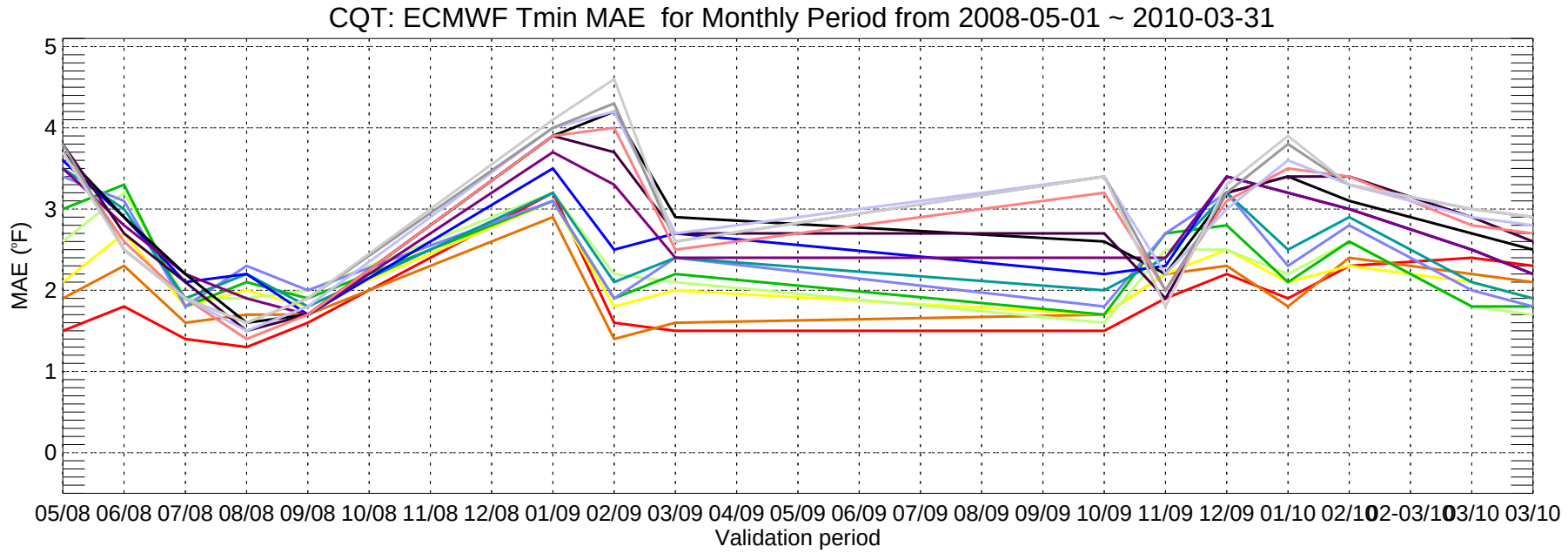

COS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
COS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

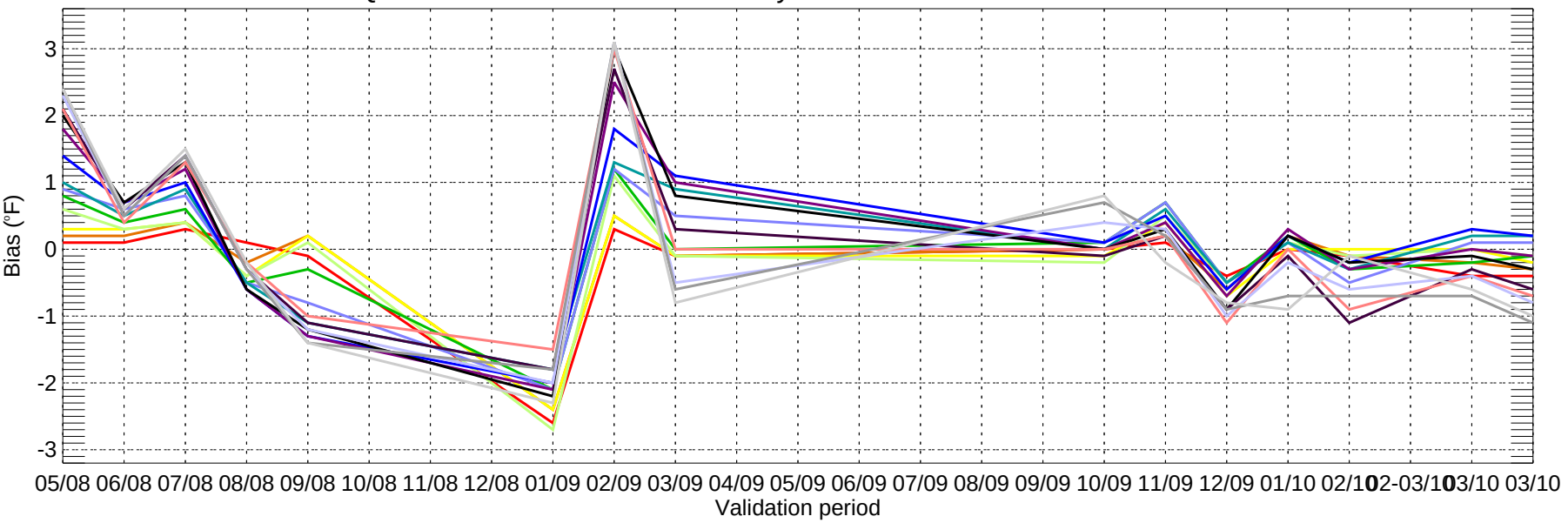

COU: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
COU: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

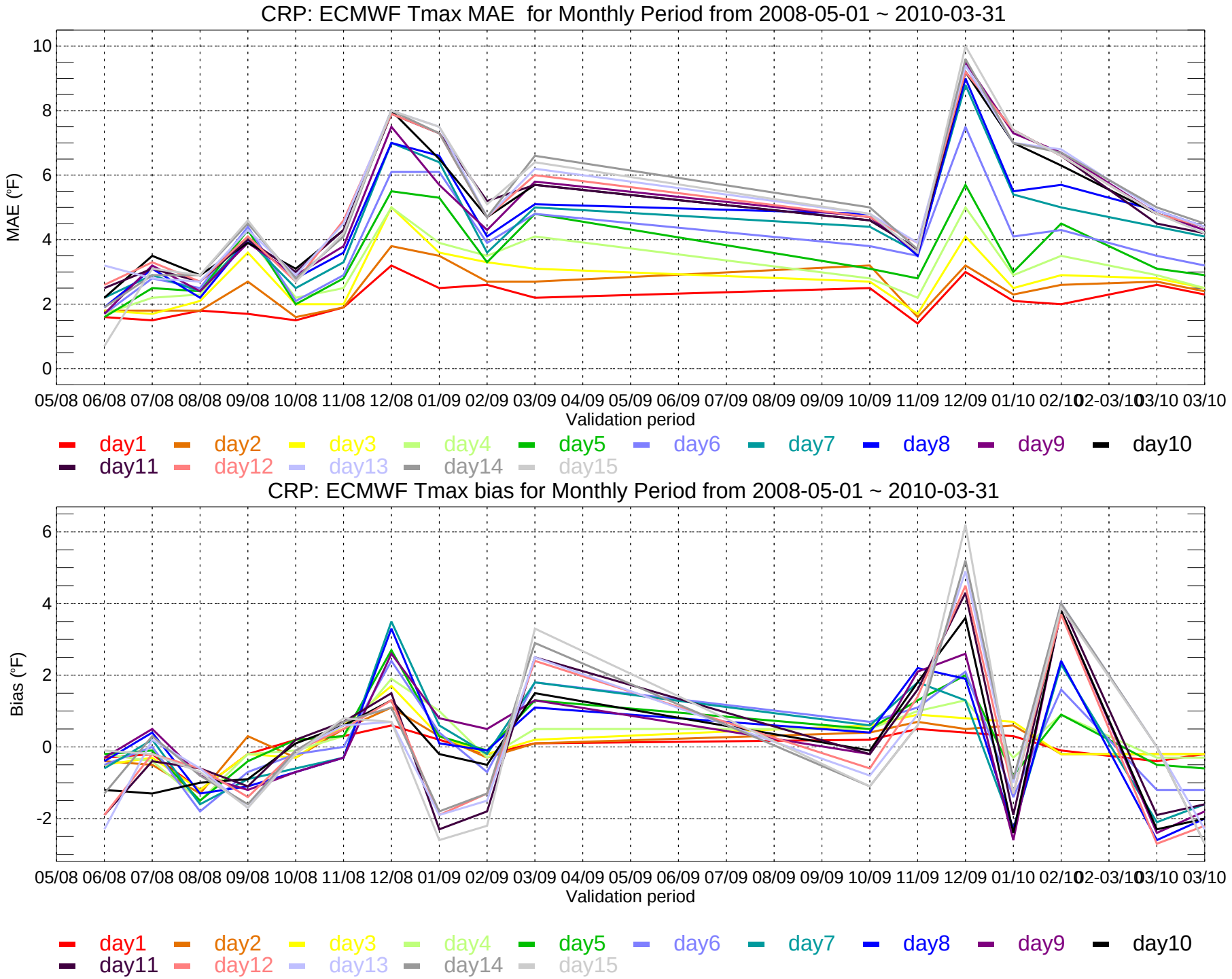

COU: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
COU: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

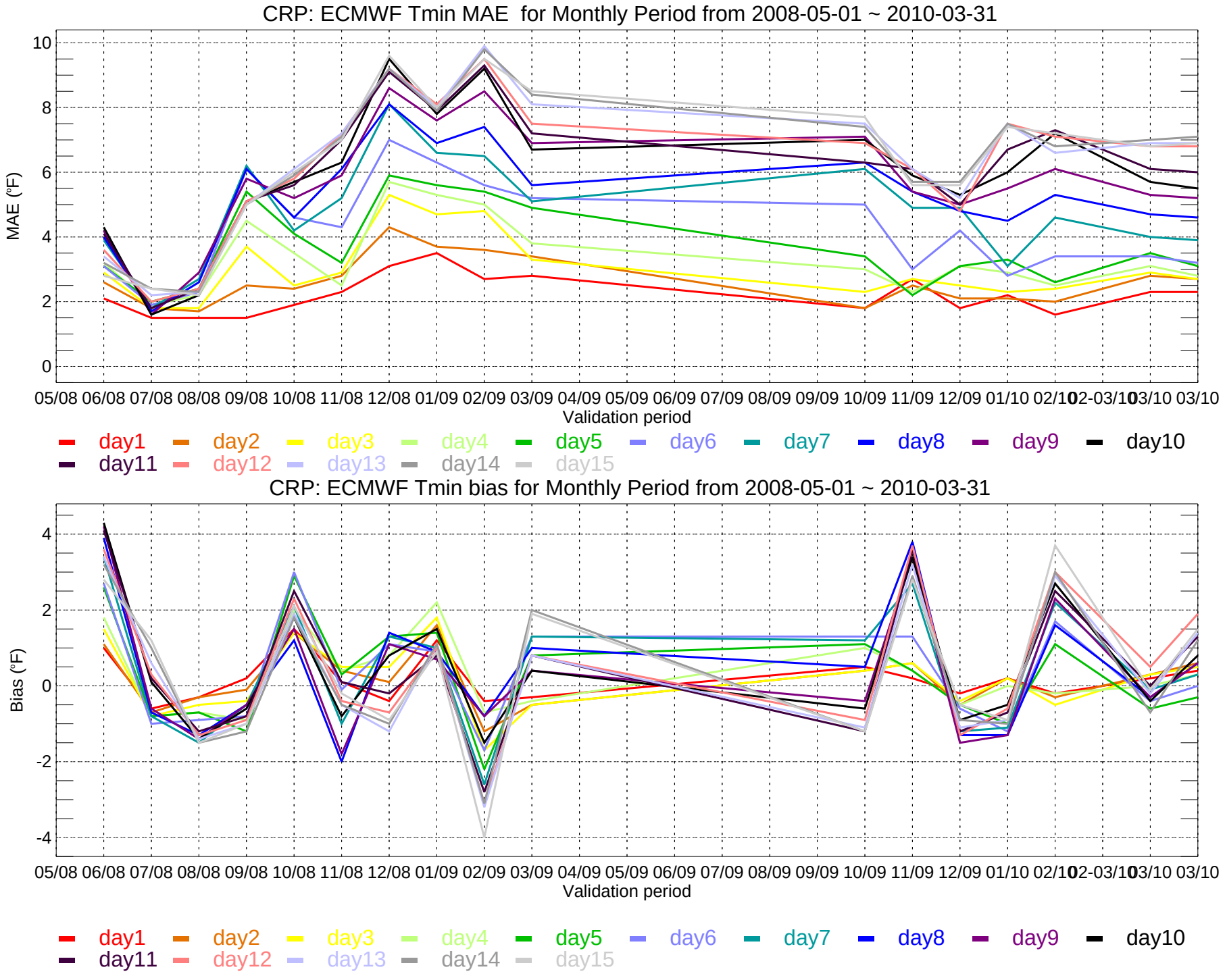

CQT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

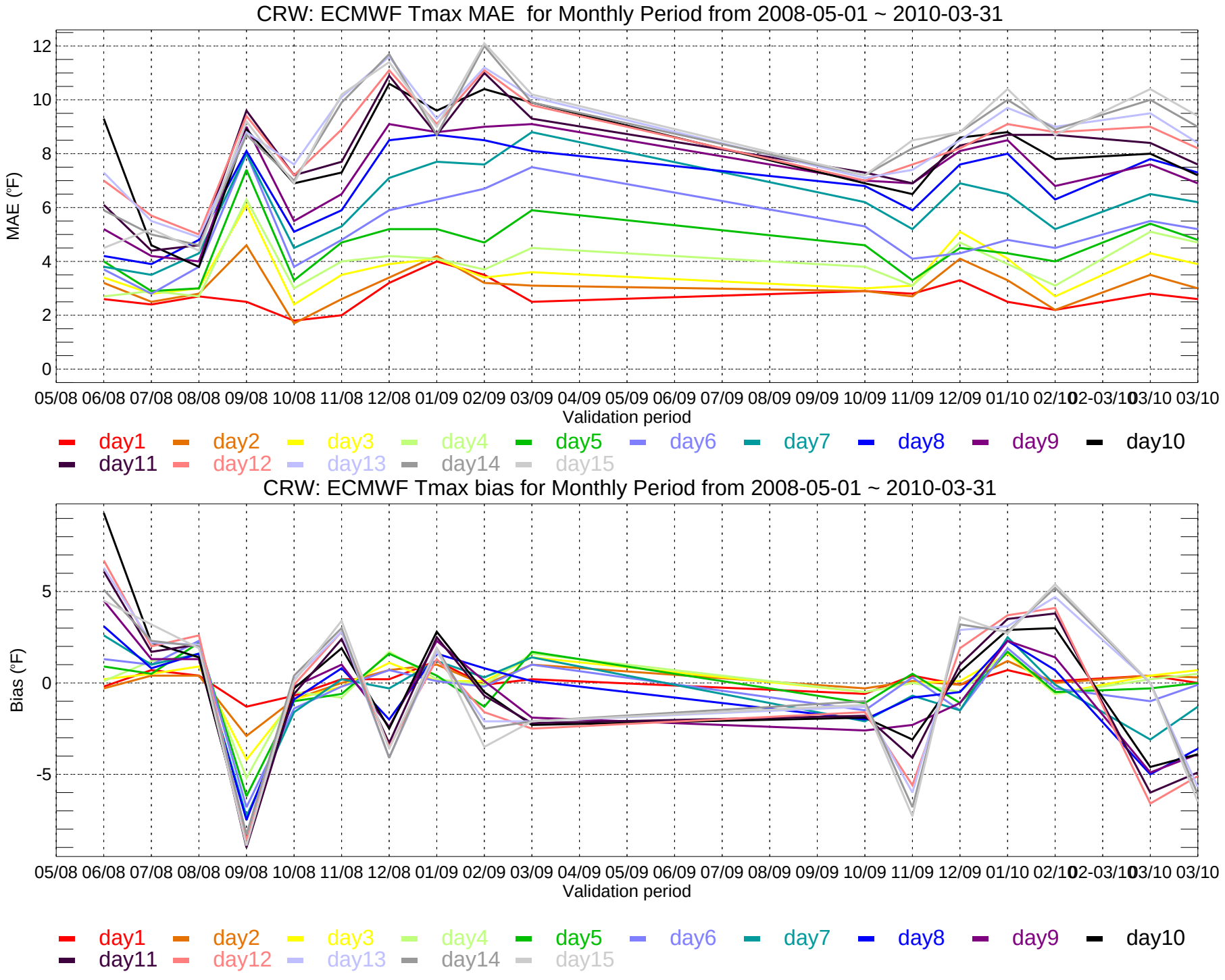

CQT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

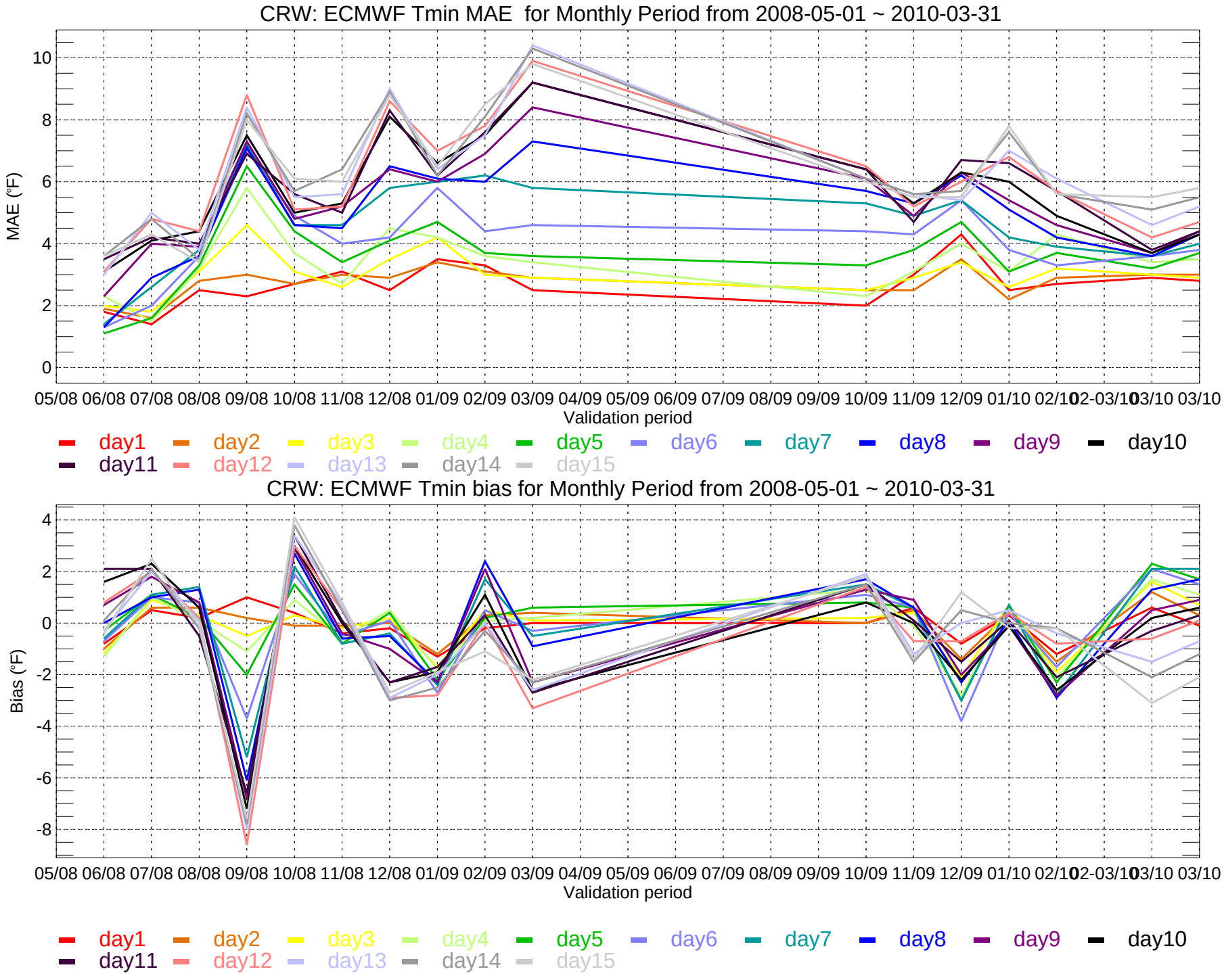

CQT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
5
4
3
2
1
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

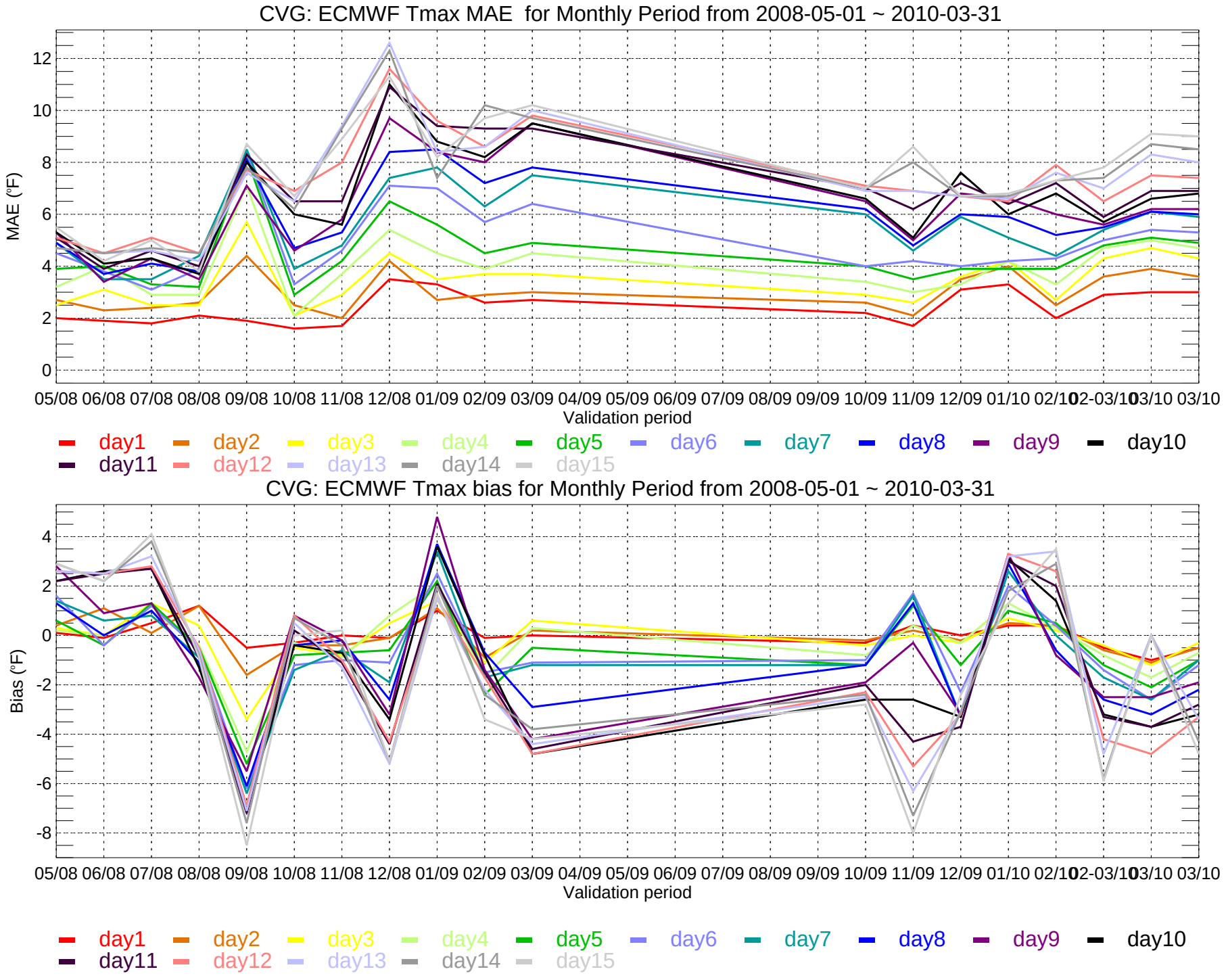

CQT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
3
2
1
0
-1
-2
-3
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

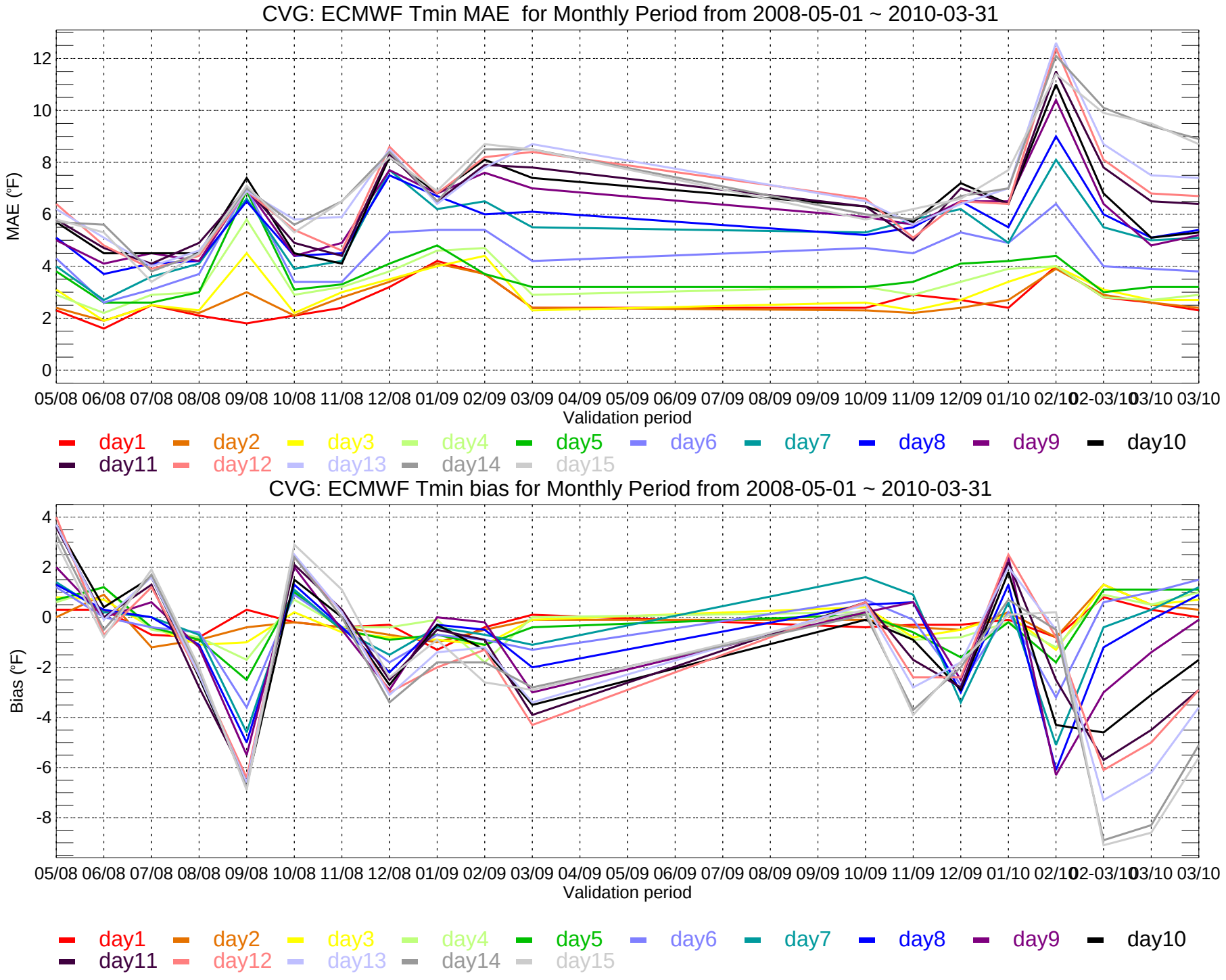

CRP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
CRP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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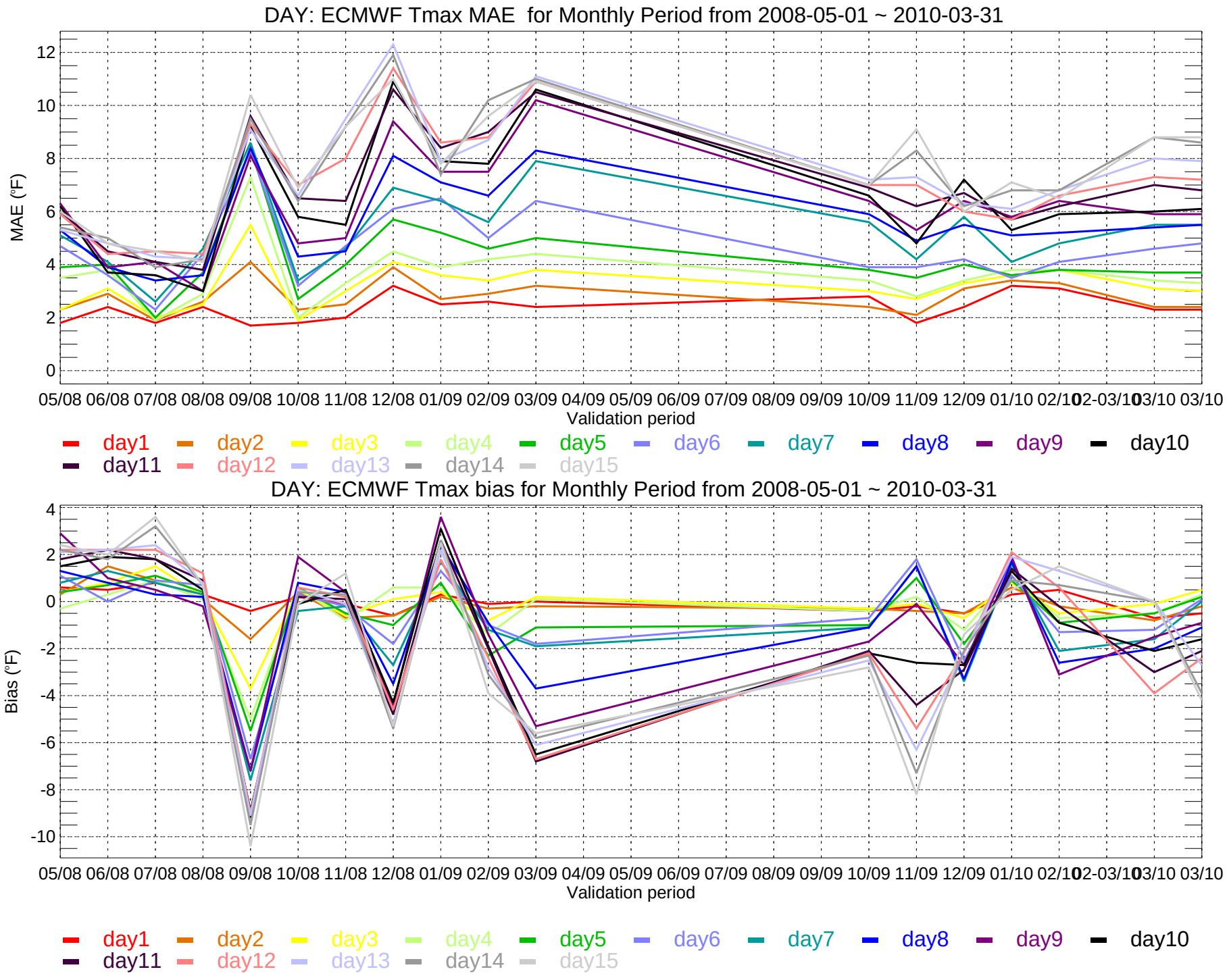
DAY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
DAY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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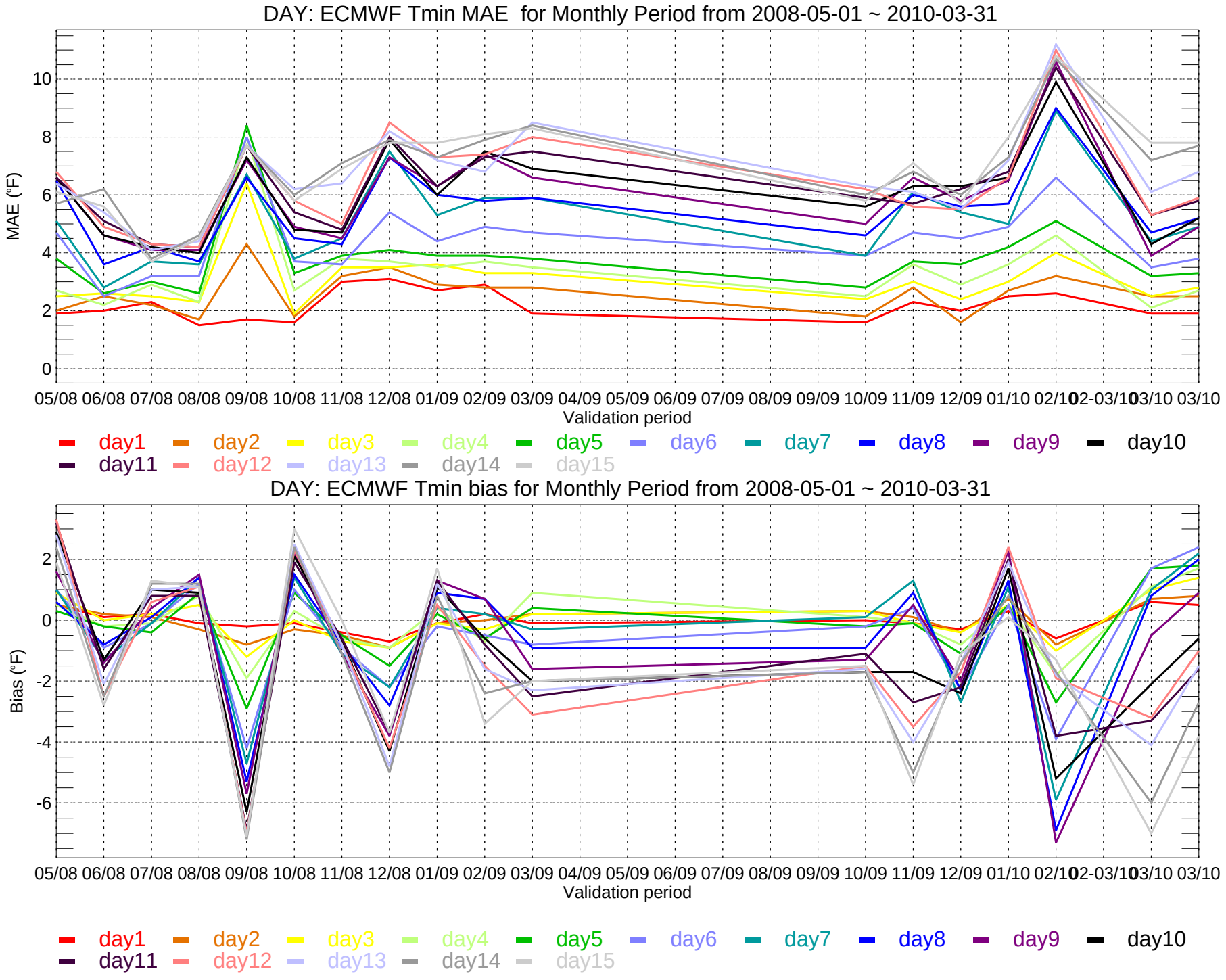
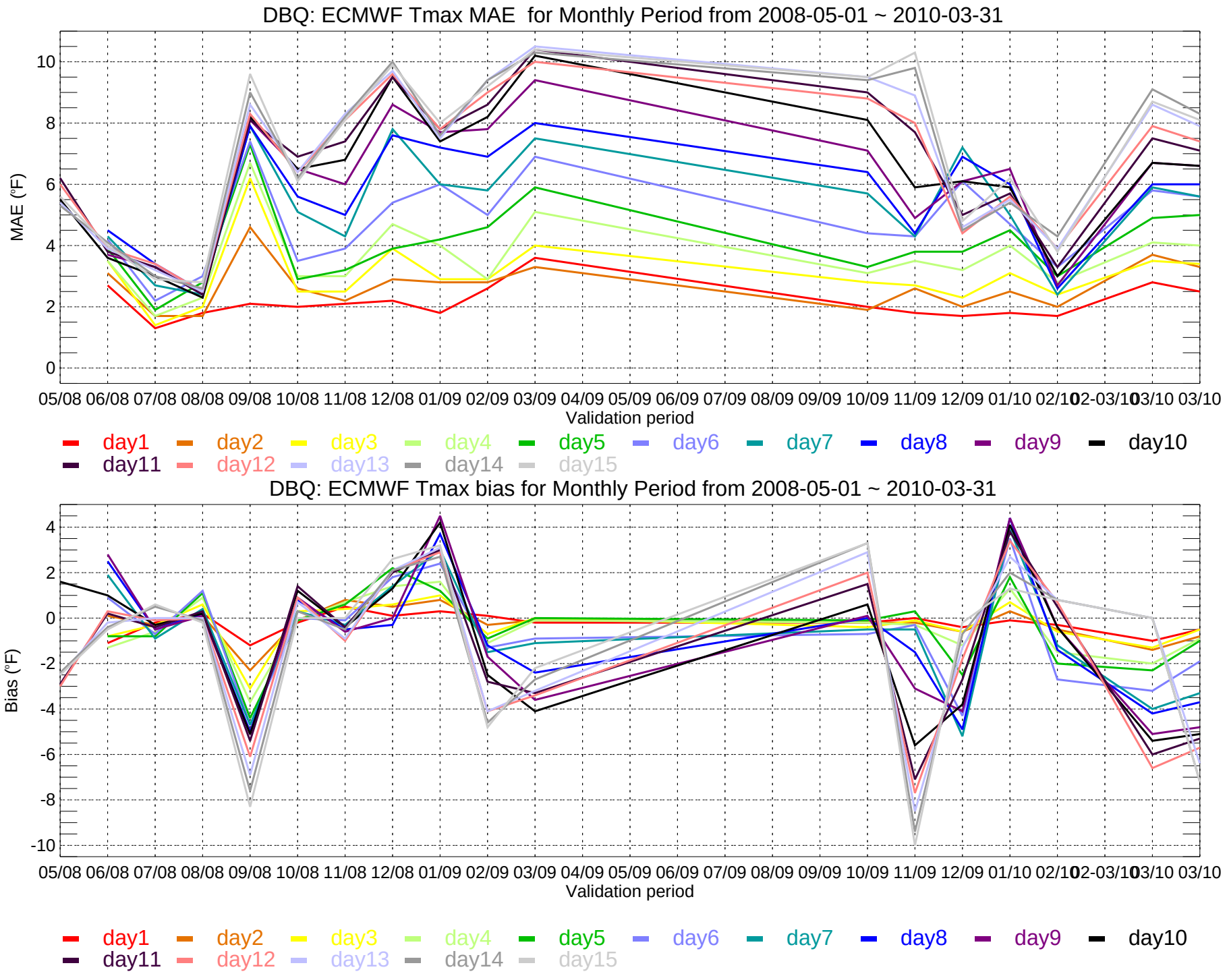
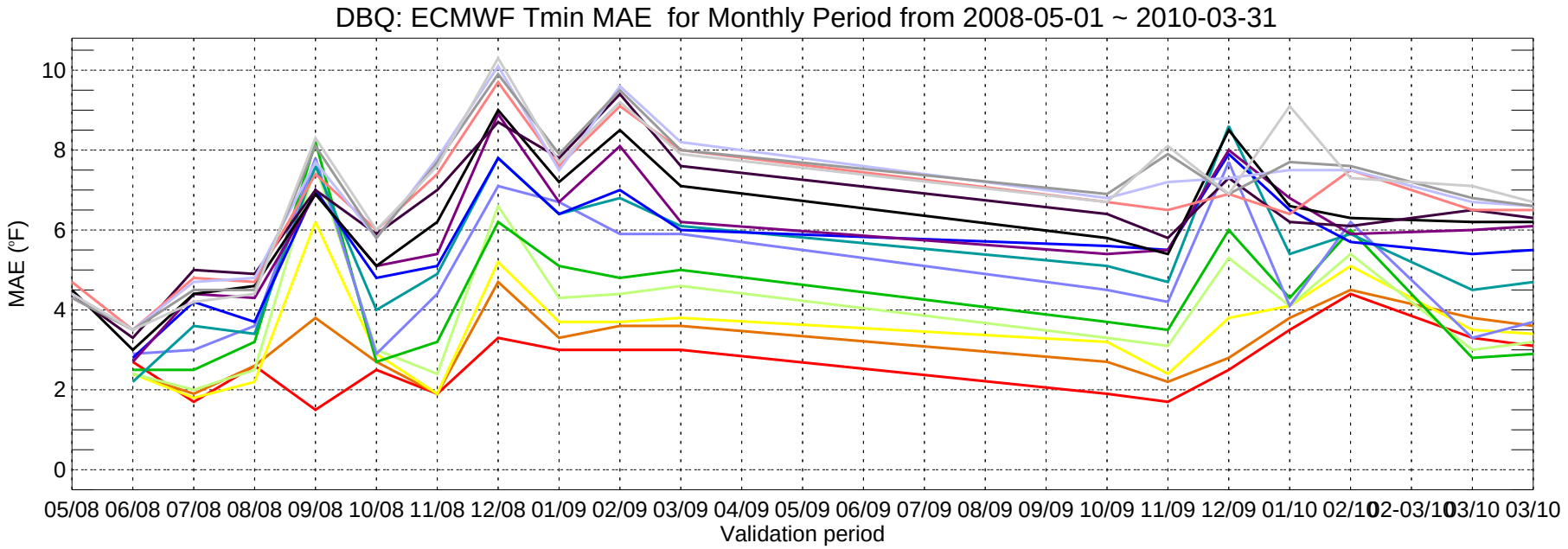
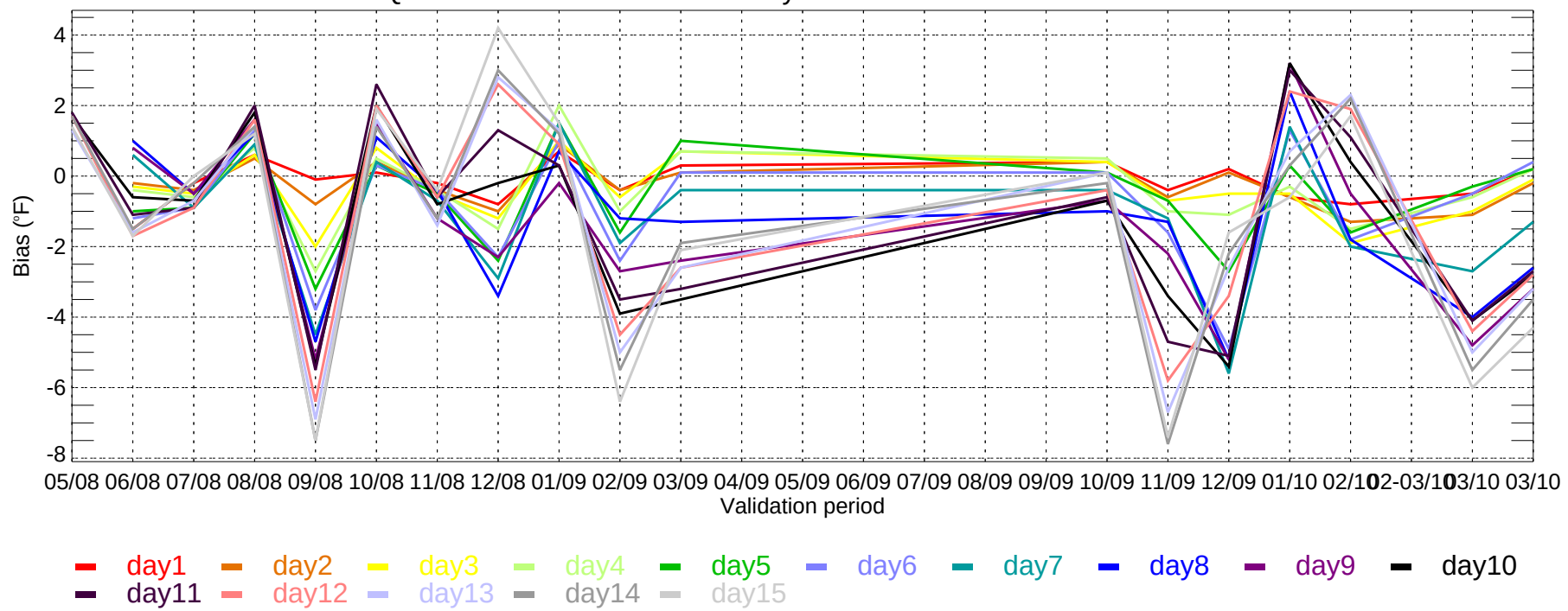
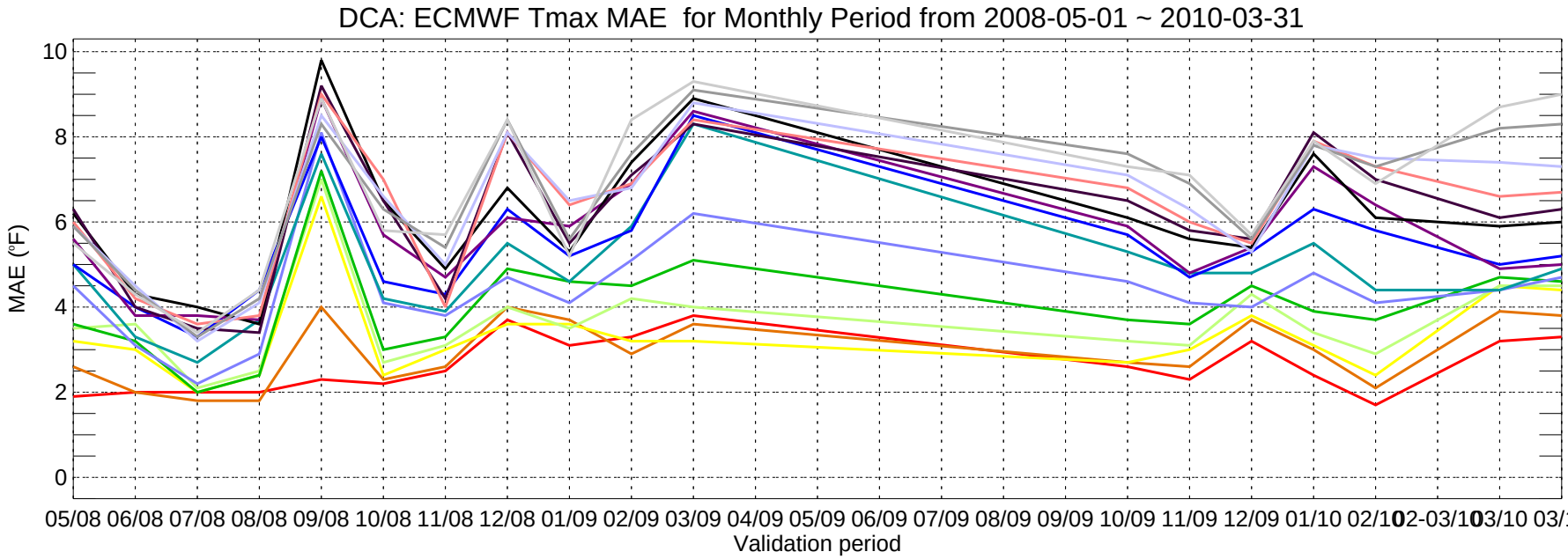
day11 day12 day13 day14 day15


DAY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
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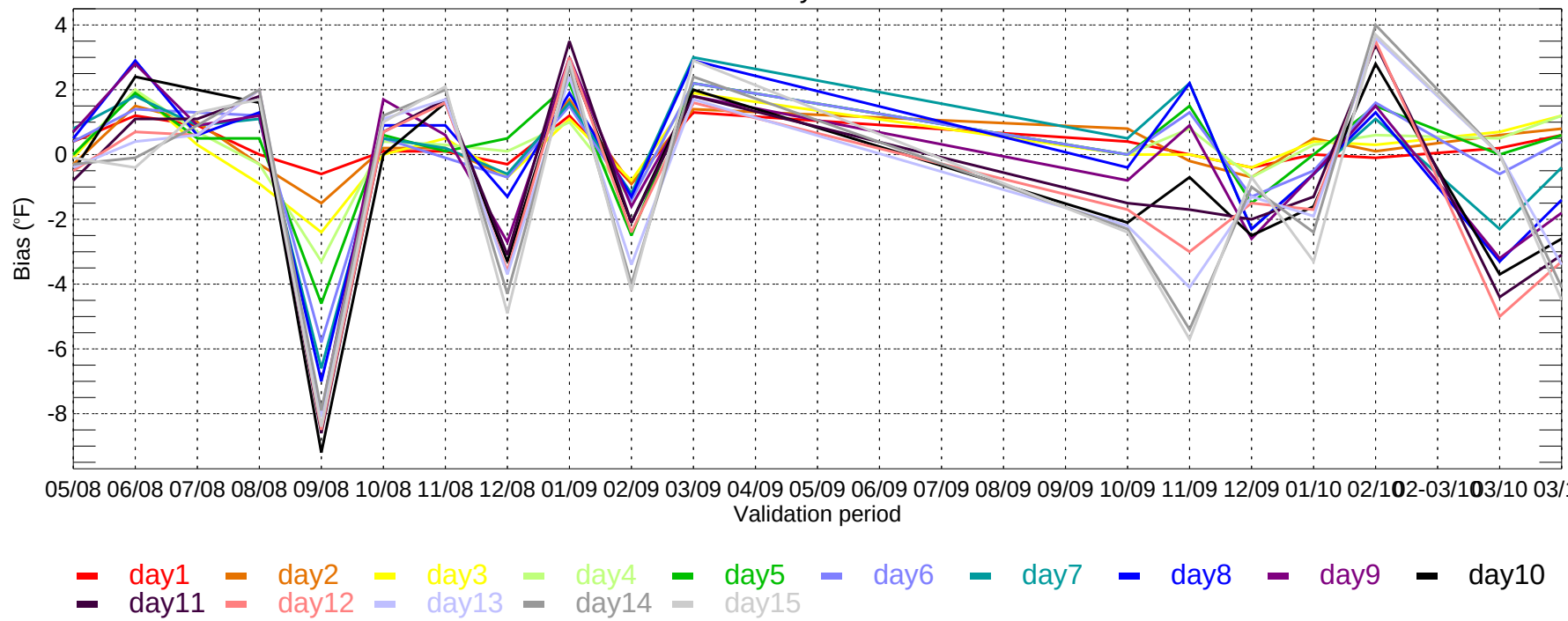
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DCA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
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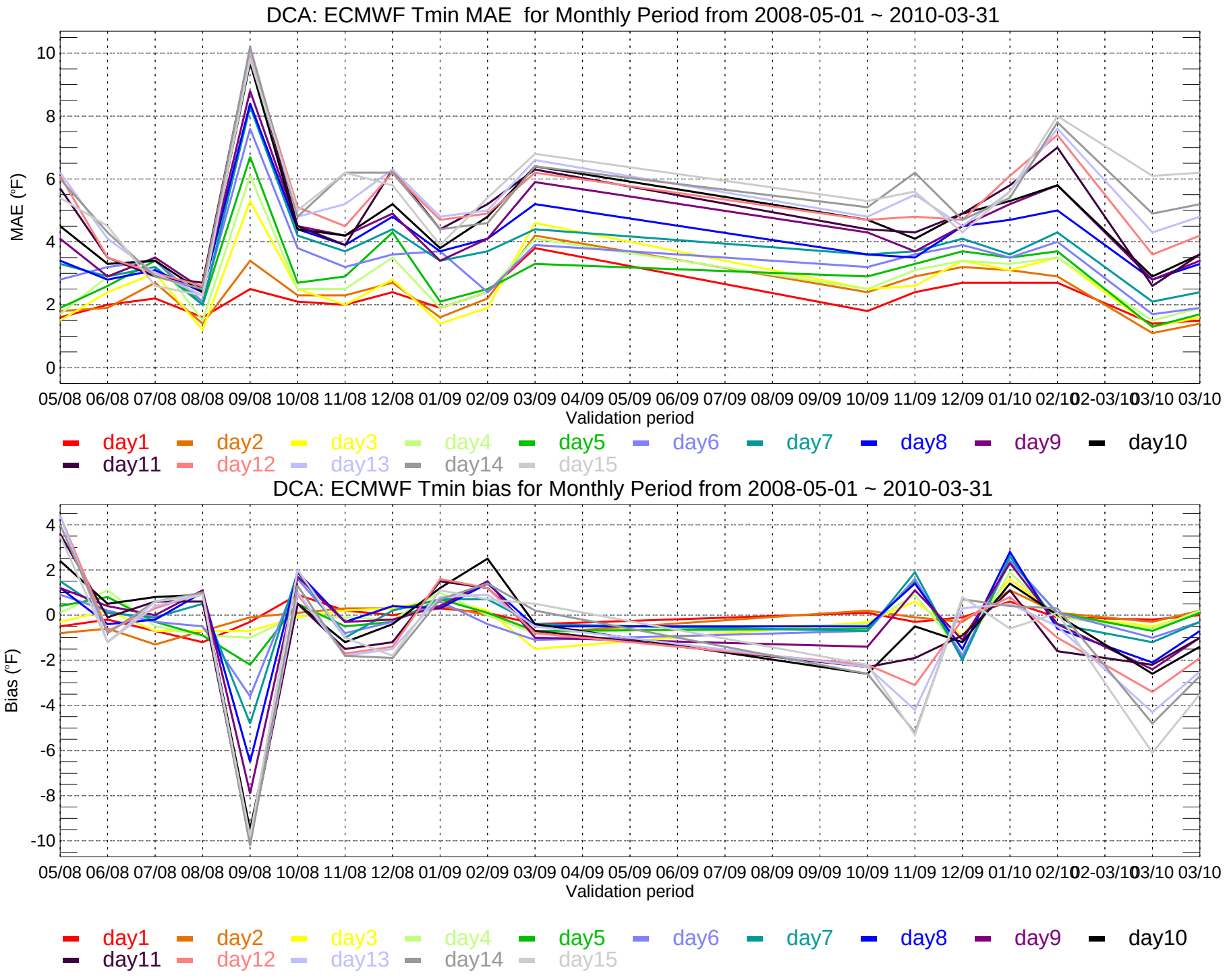
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DCA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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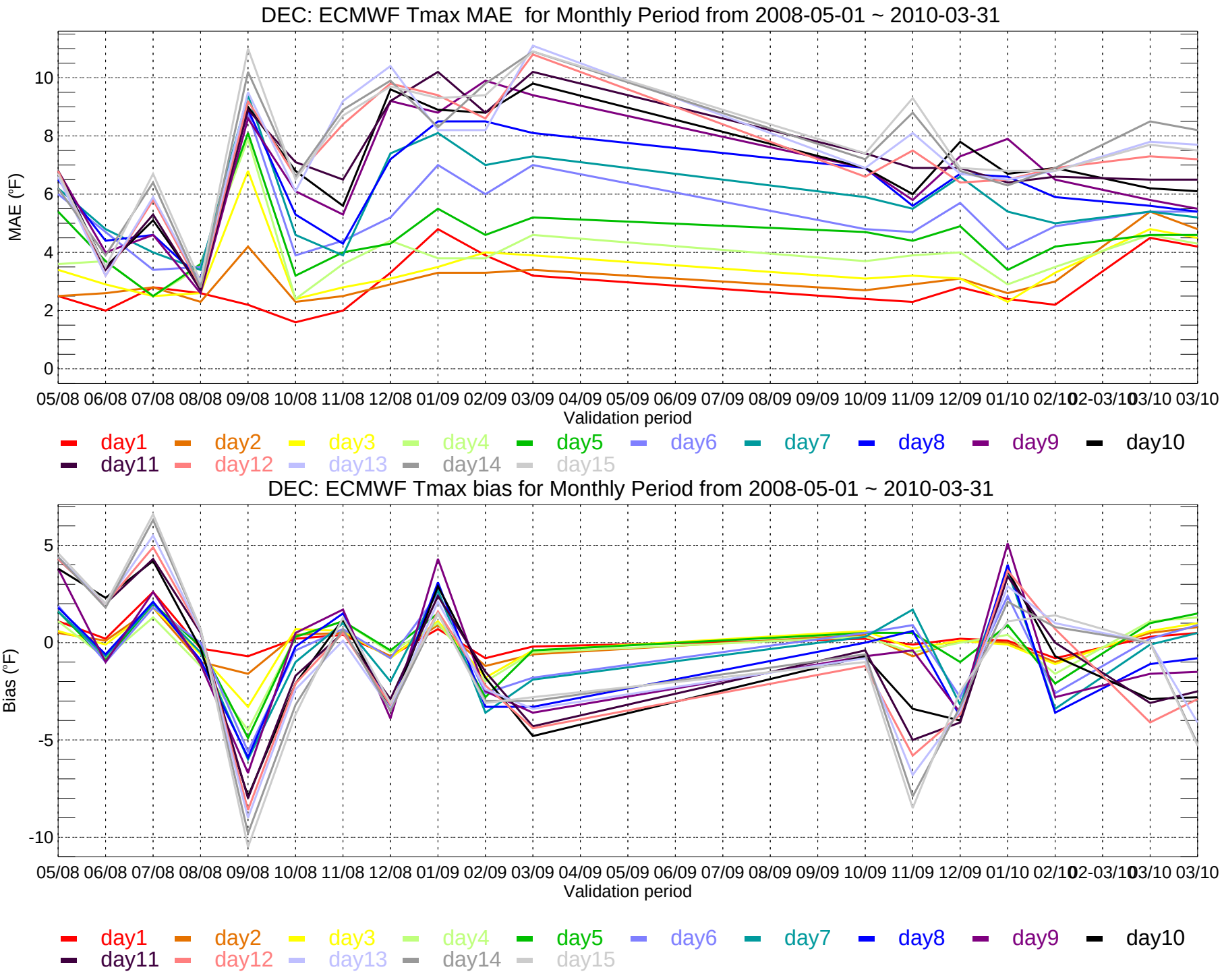
day11 day12 day13 day14 day15


DEC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
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2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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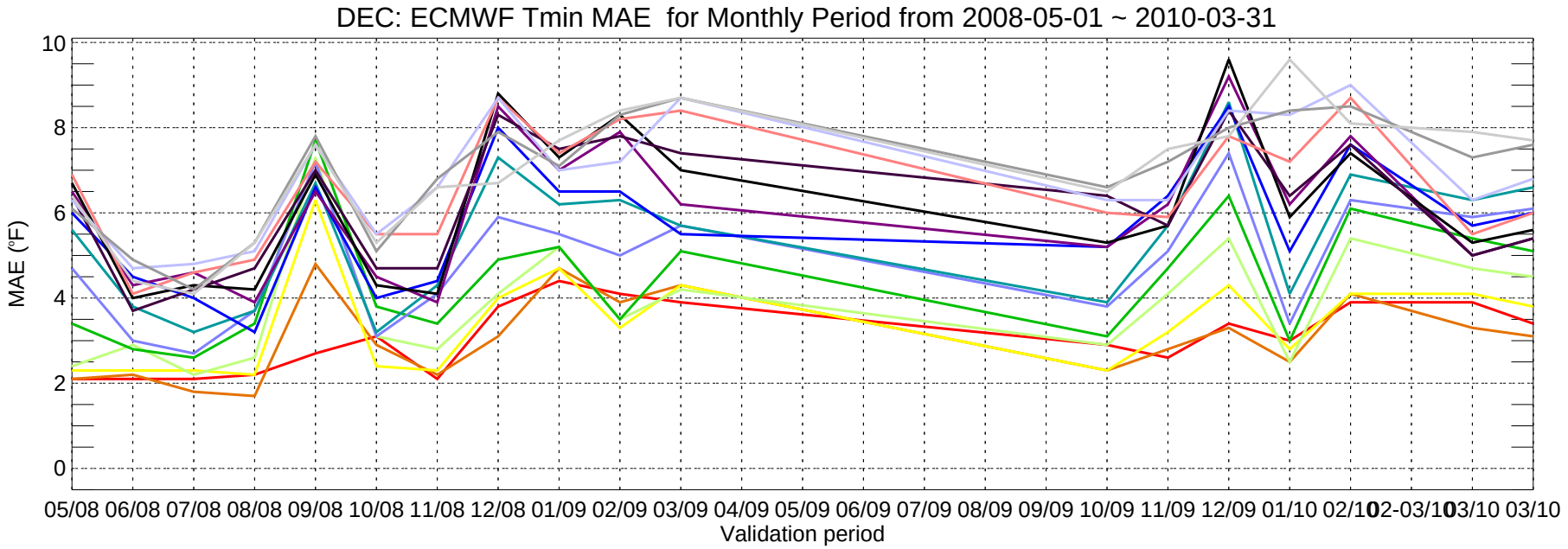
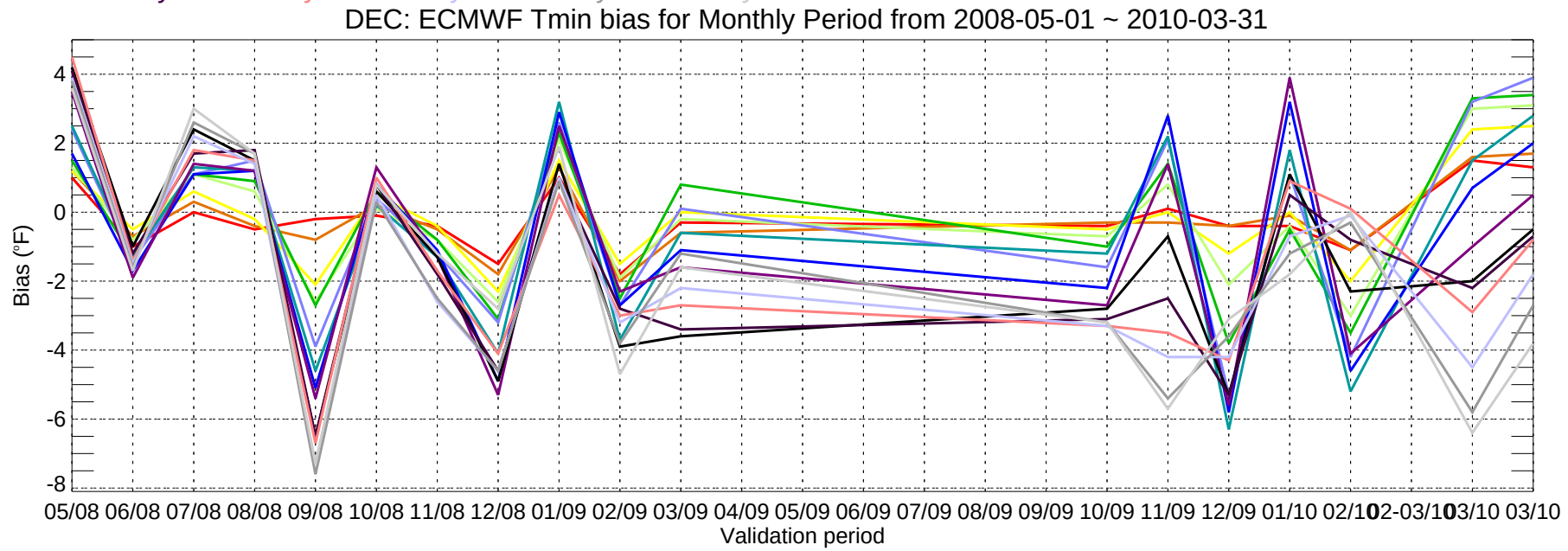
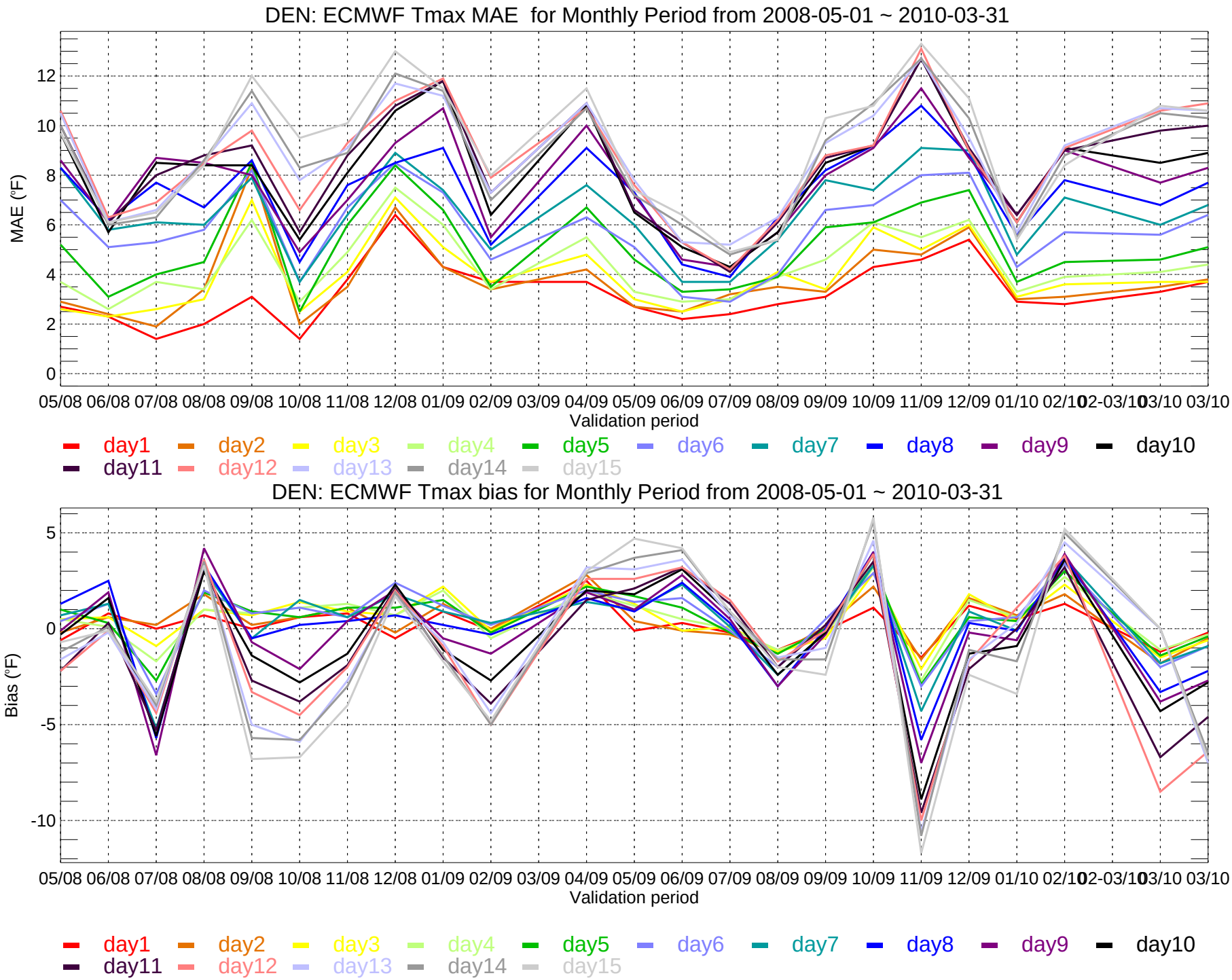

DEC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DEC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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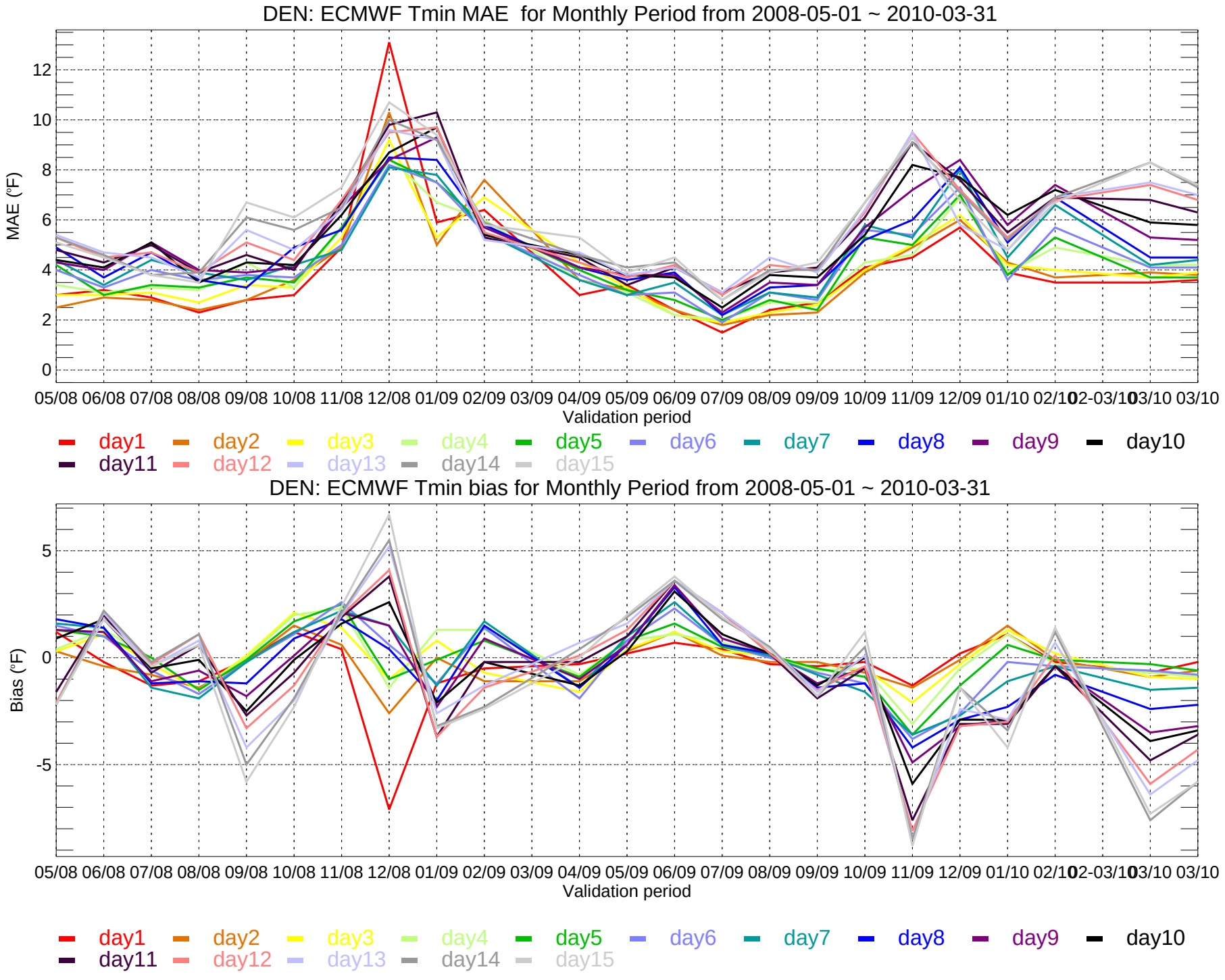
day11 day12 day13 day14 day15


DEN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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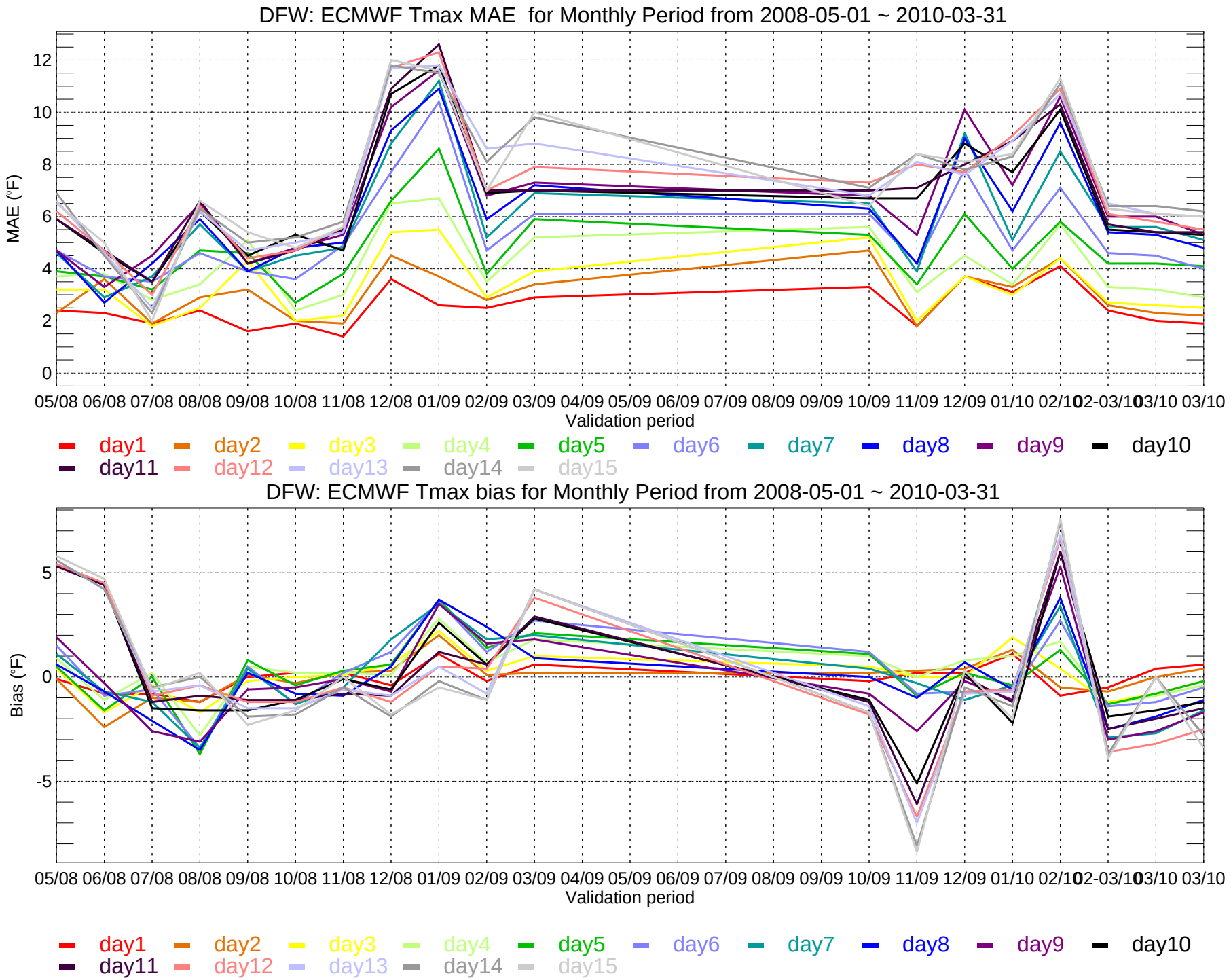
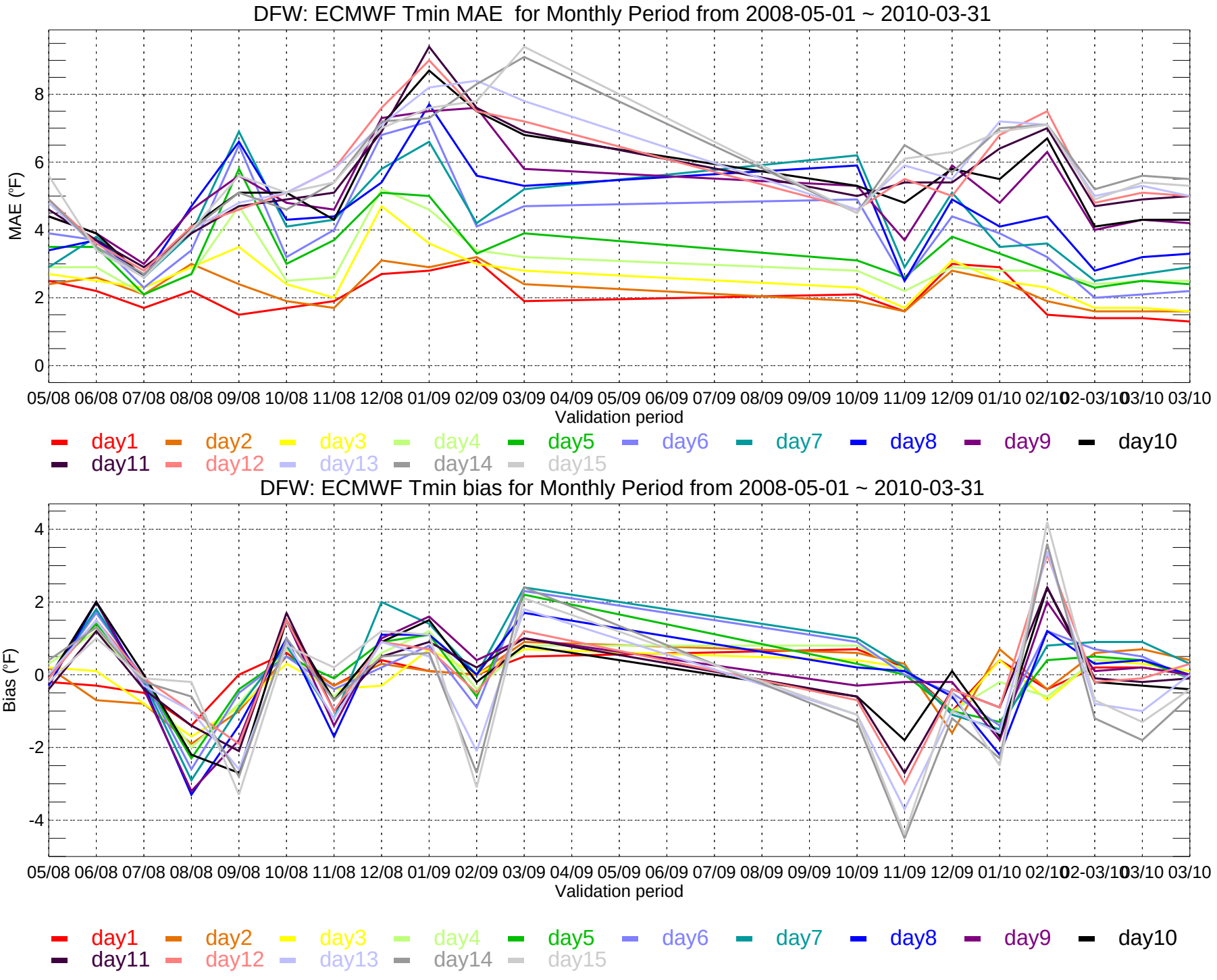
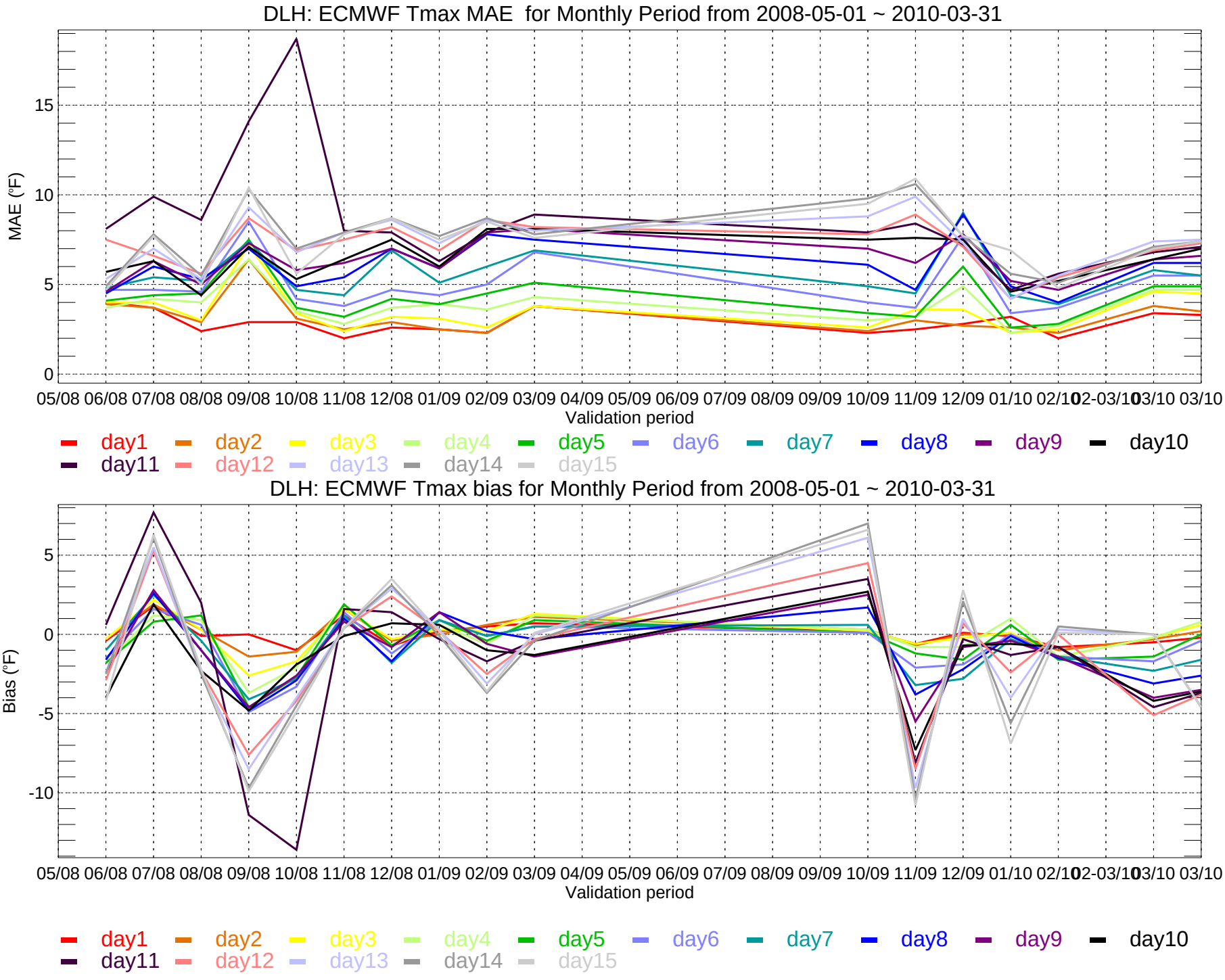
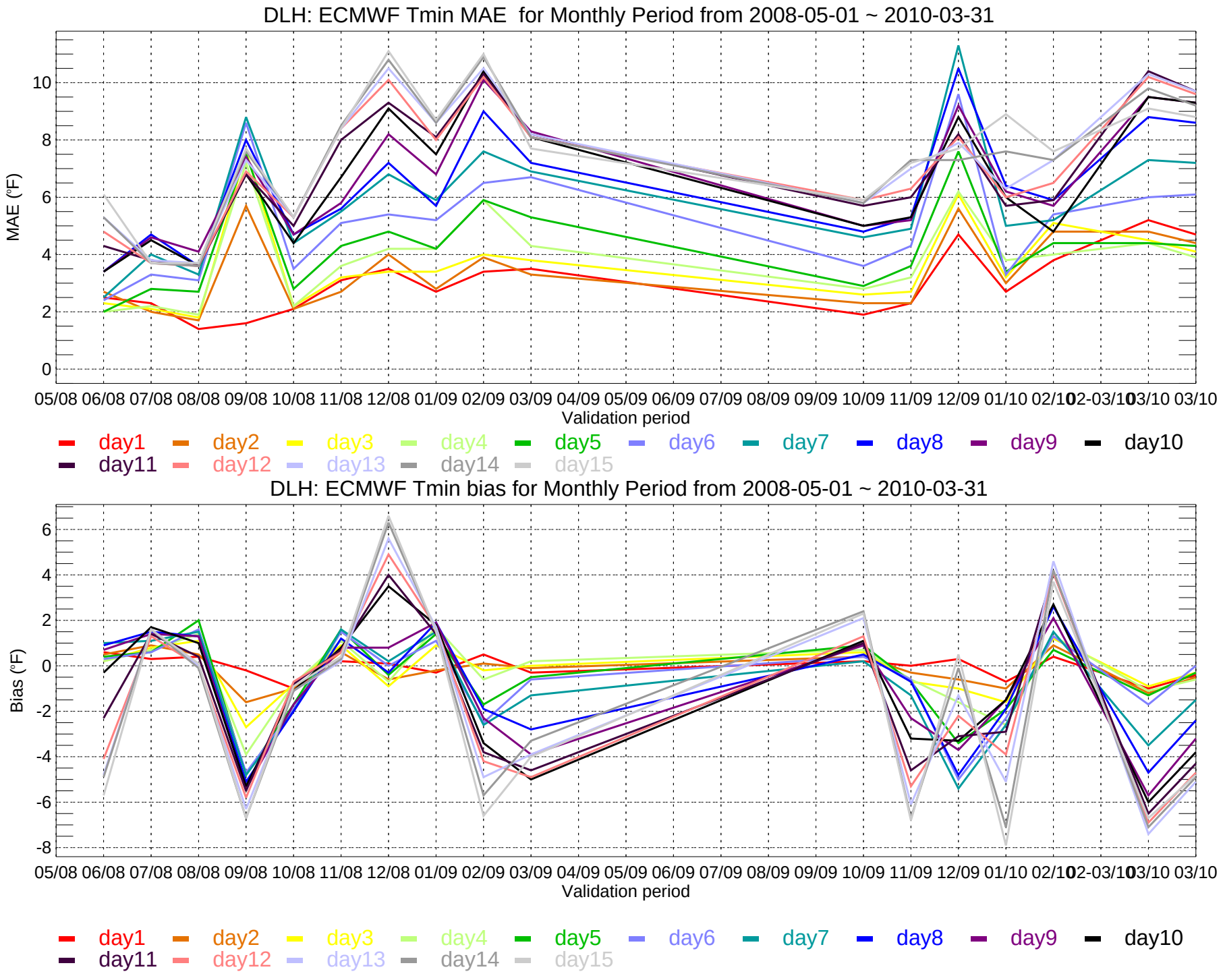
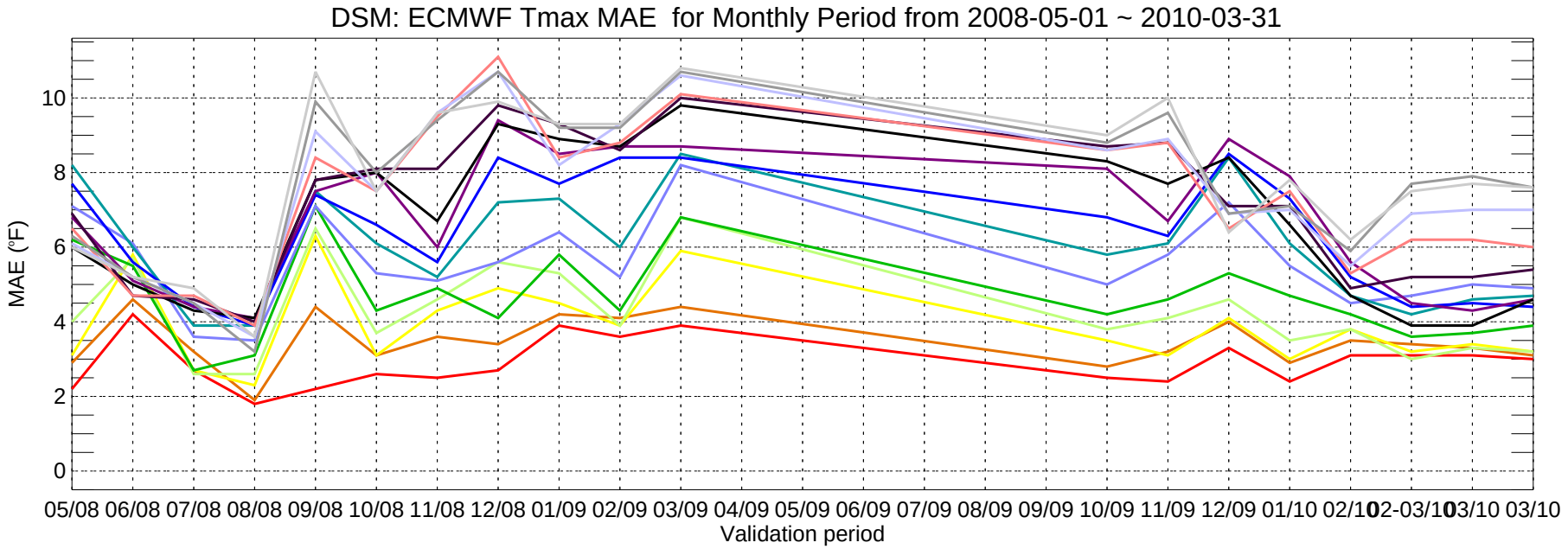
day11 day12 day13 day14 day15

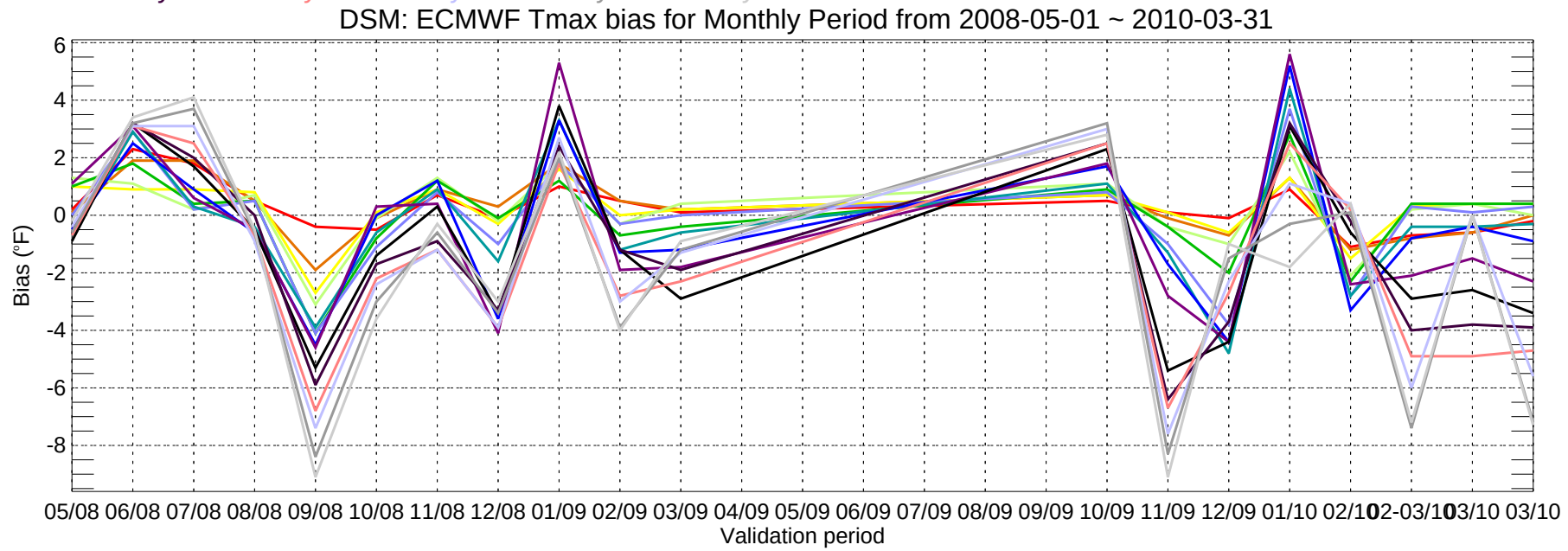

DFW: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
DFW: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

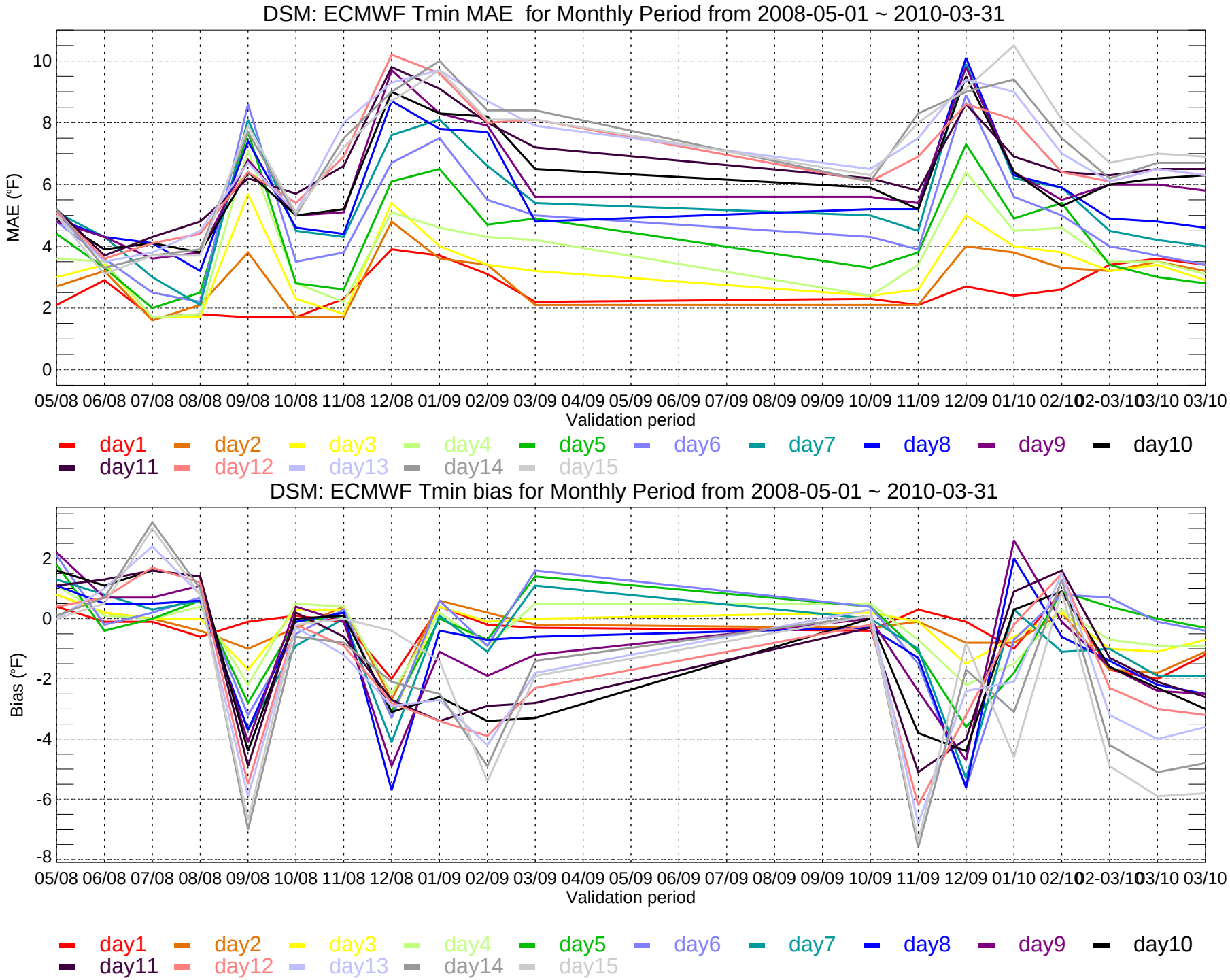

DFW: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
DFW: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

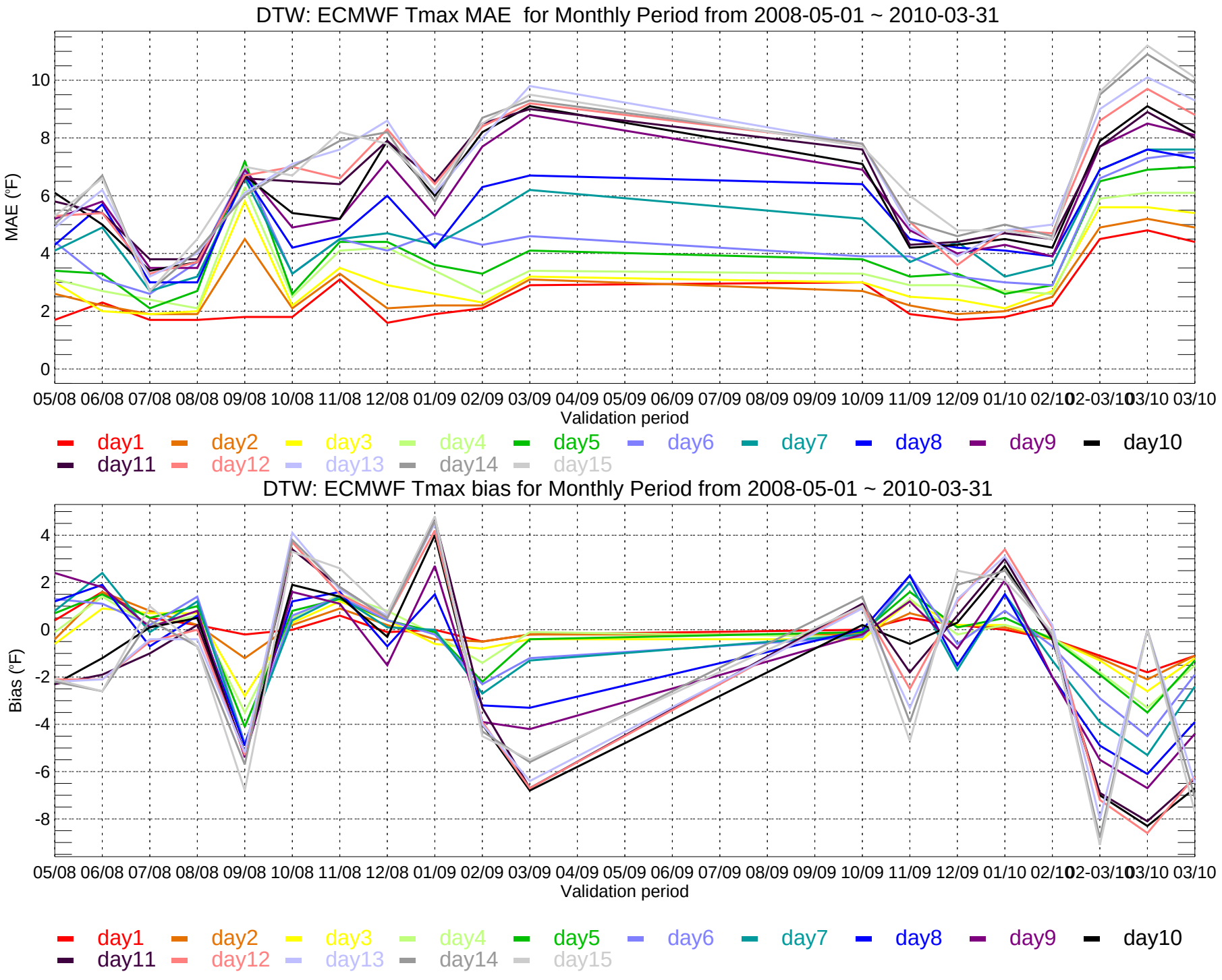

DLH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
5
10
15
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
DLH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

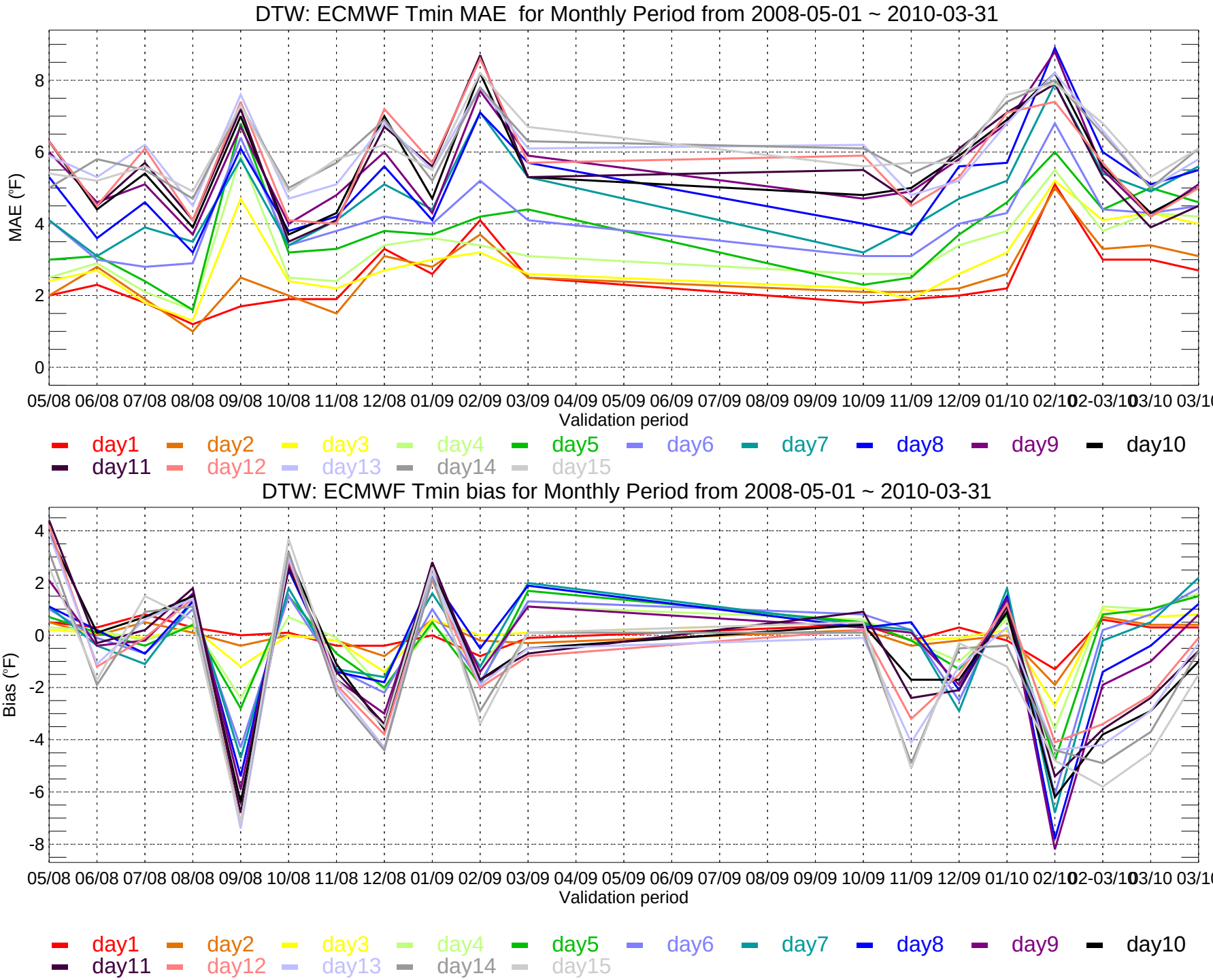

DLH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
DLH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

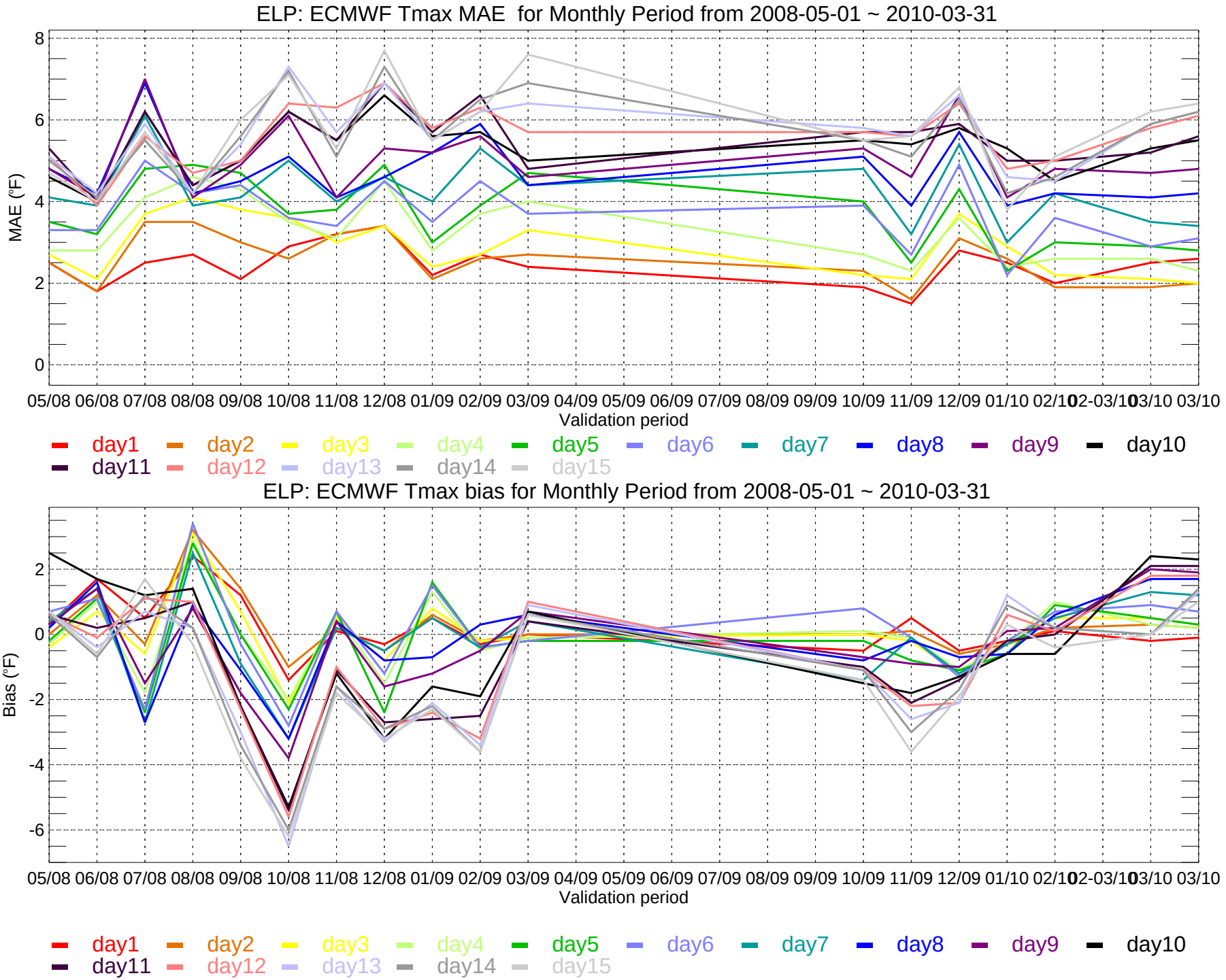

DSM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

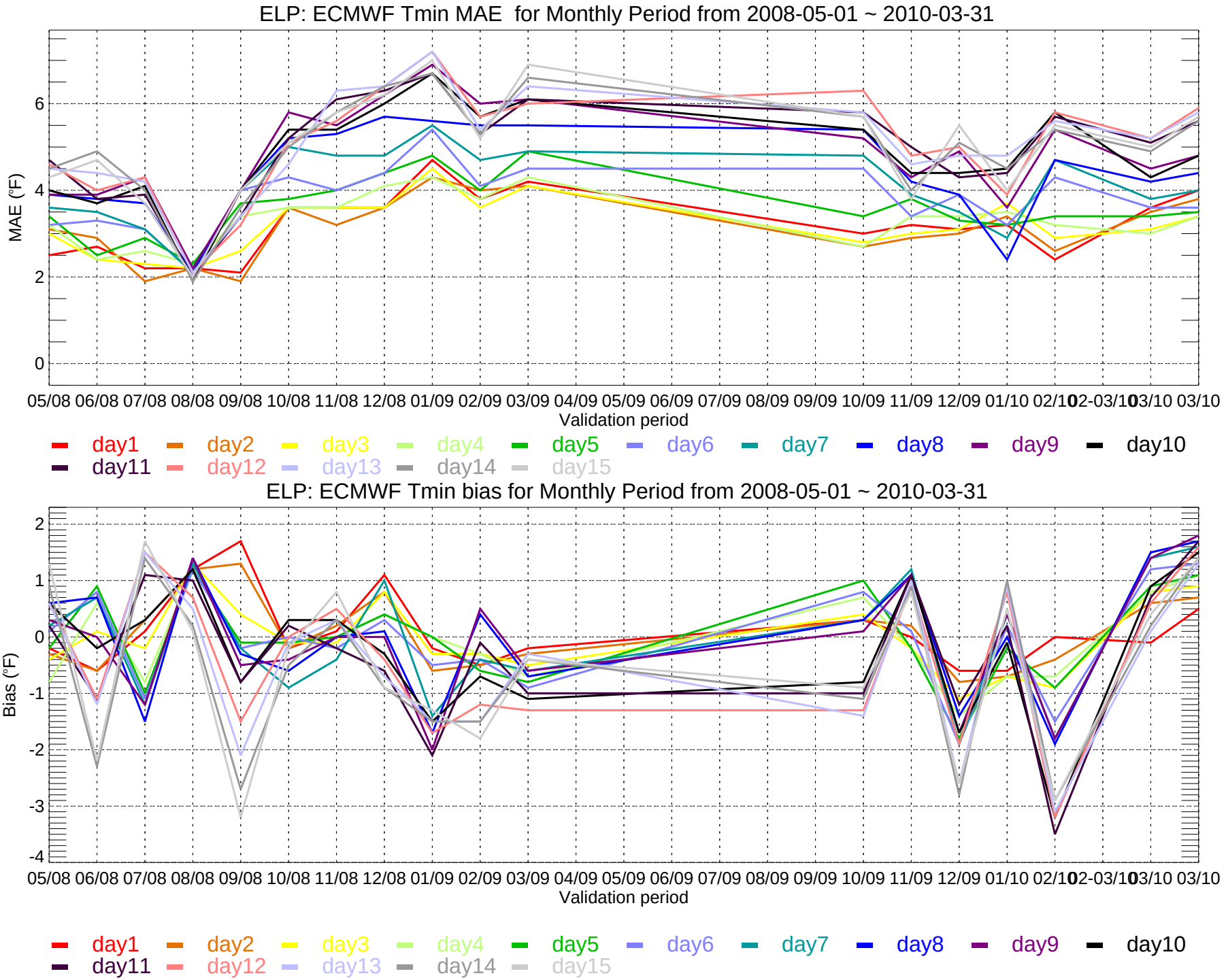

DSM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

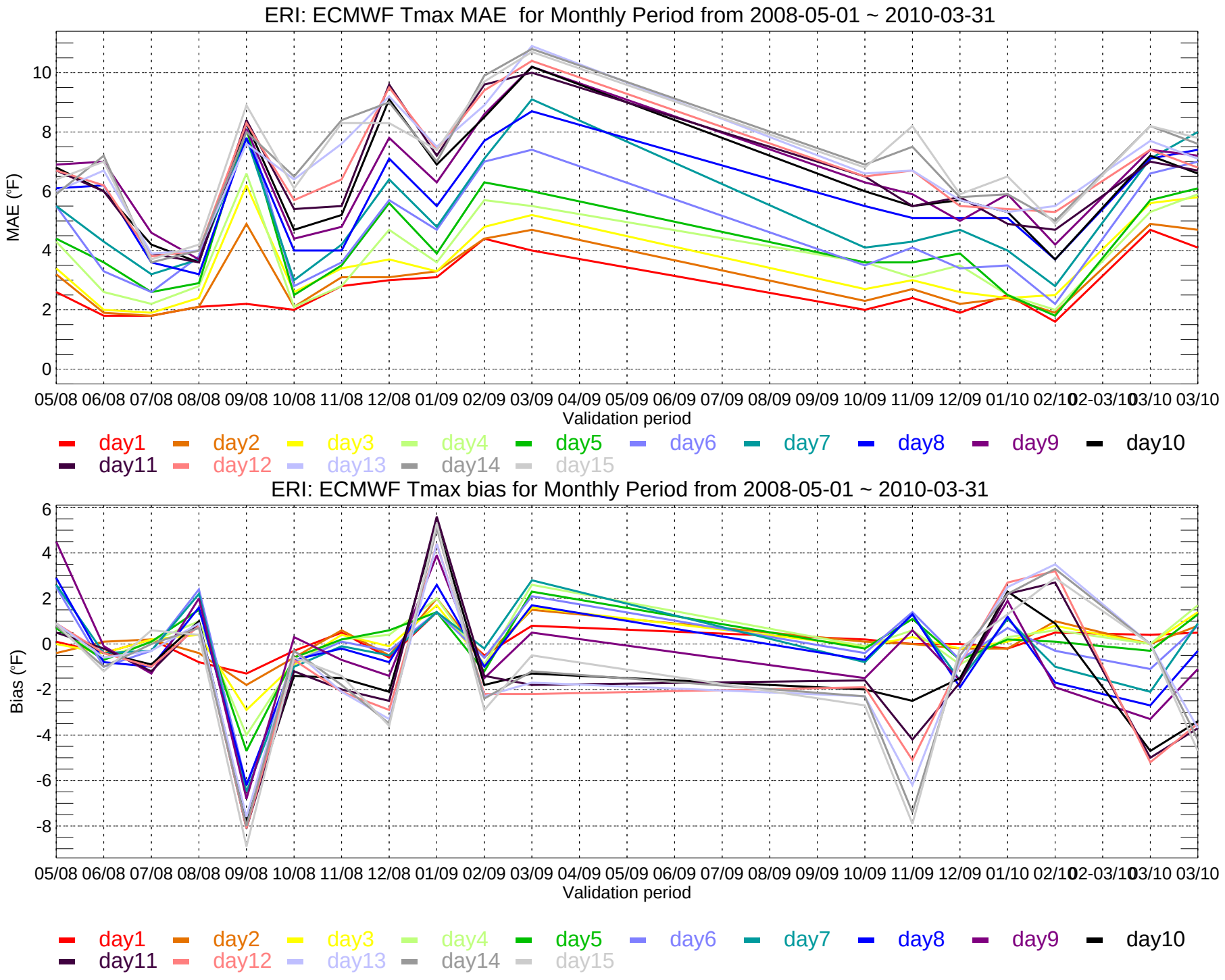

DSM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
DSM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

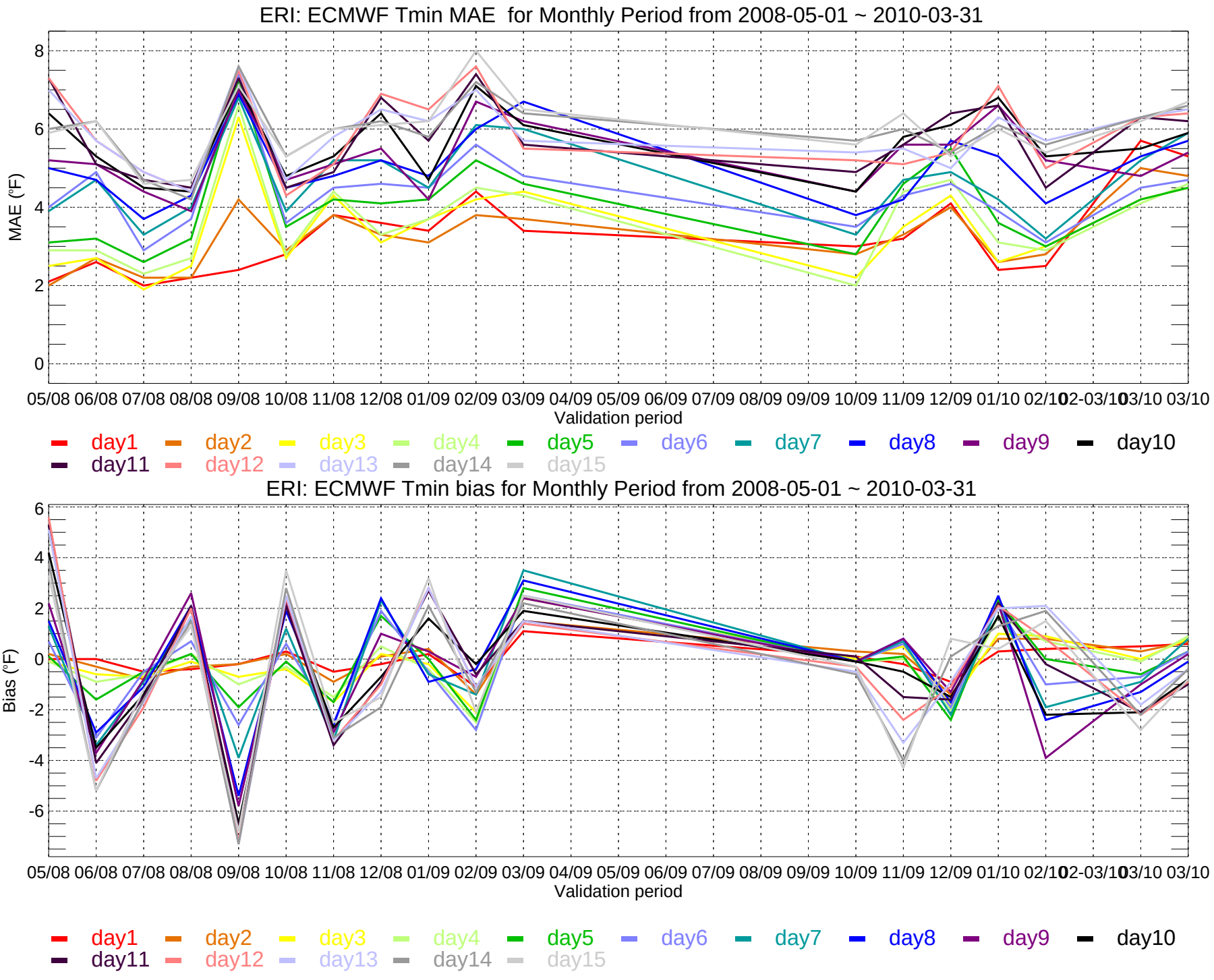

DTW: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
DTW: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

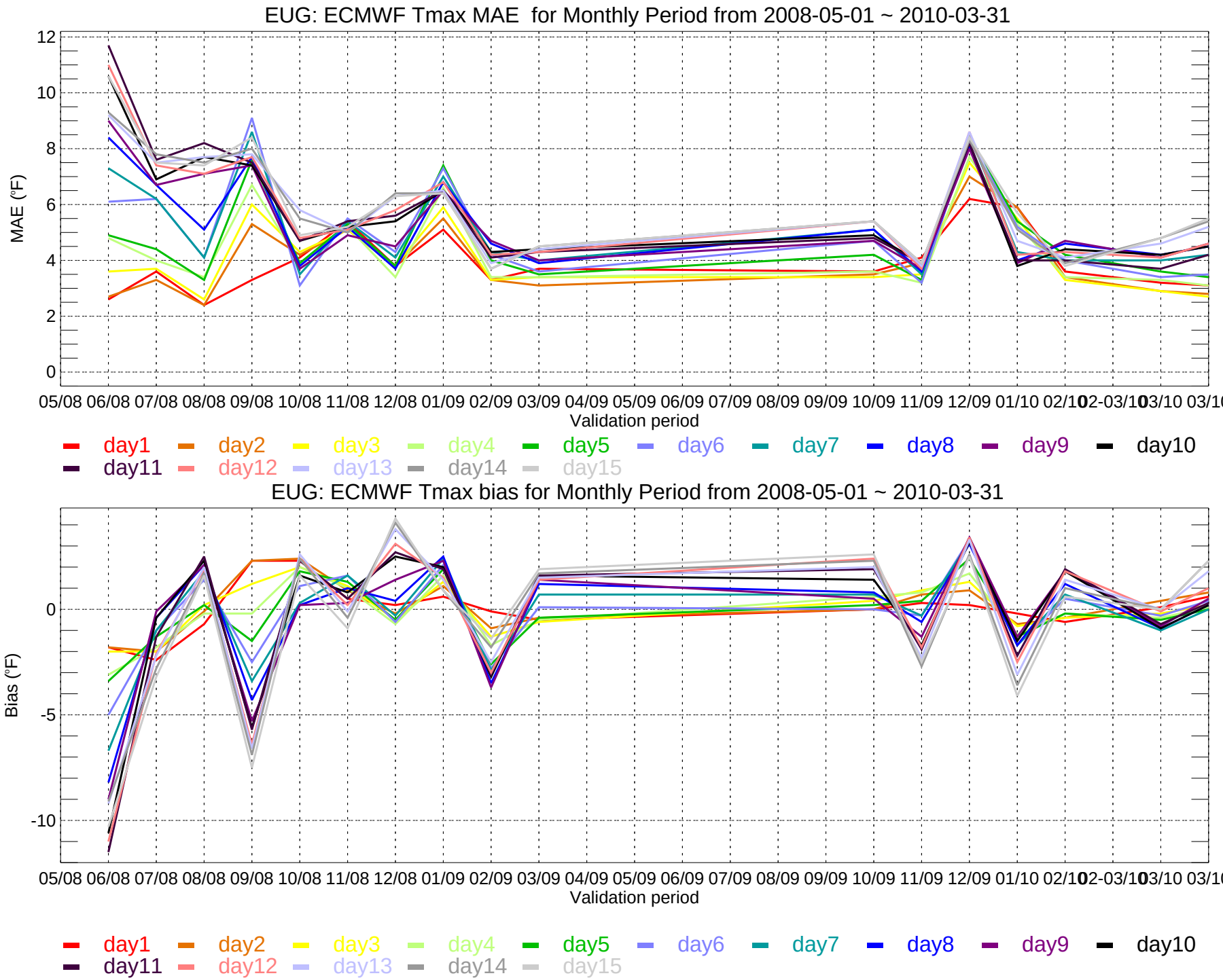

DTW: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
DTW: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

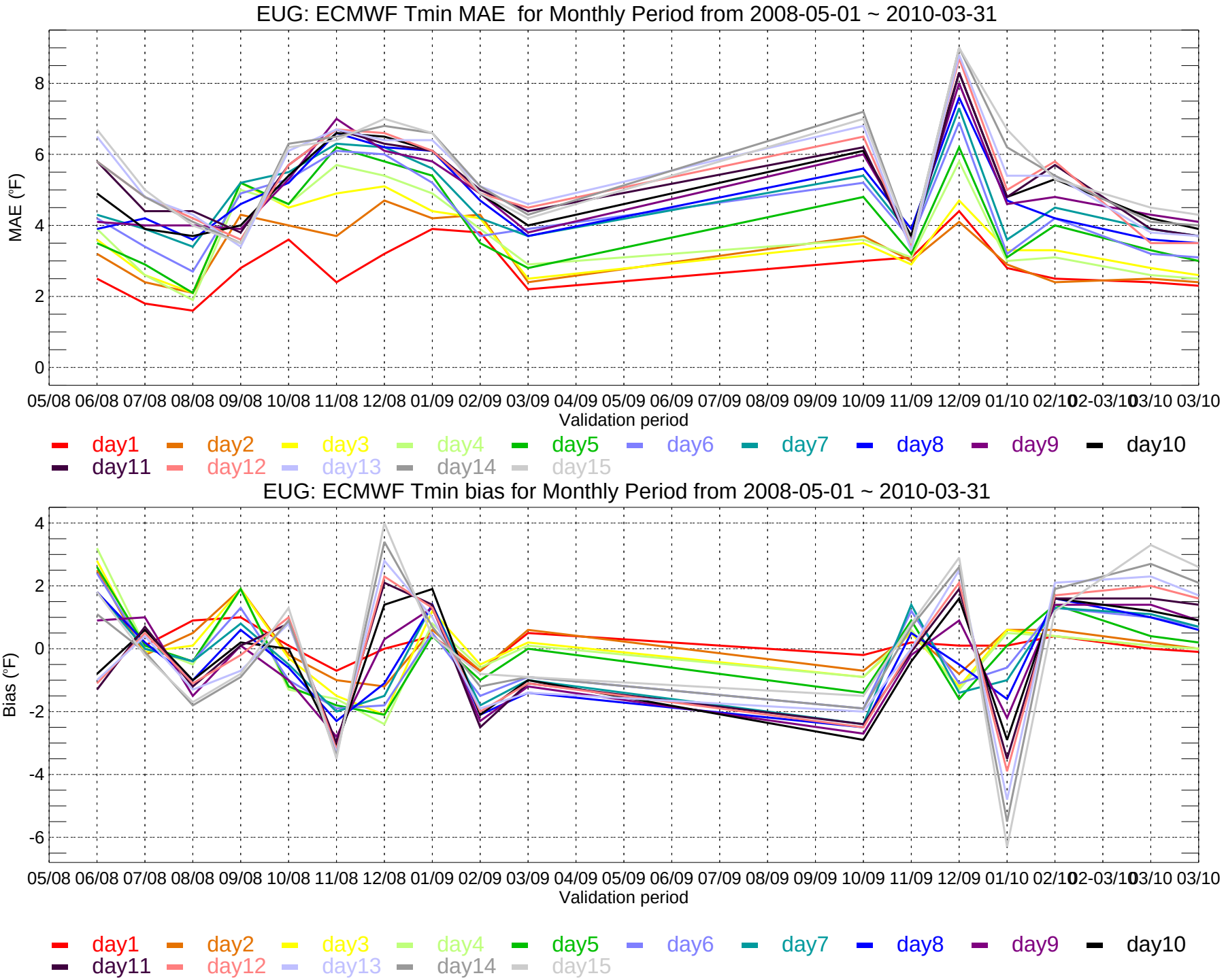

ELP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ELP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

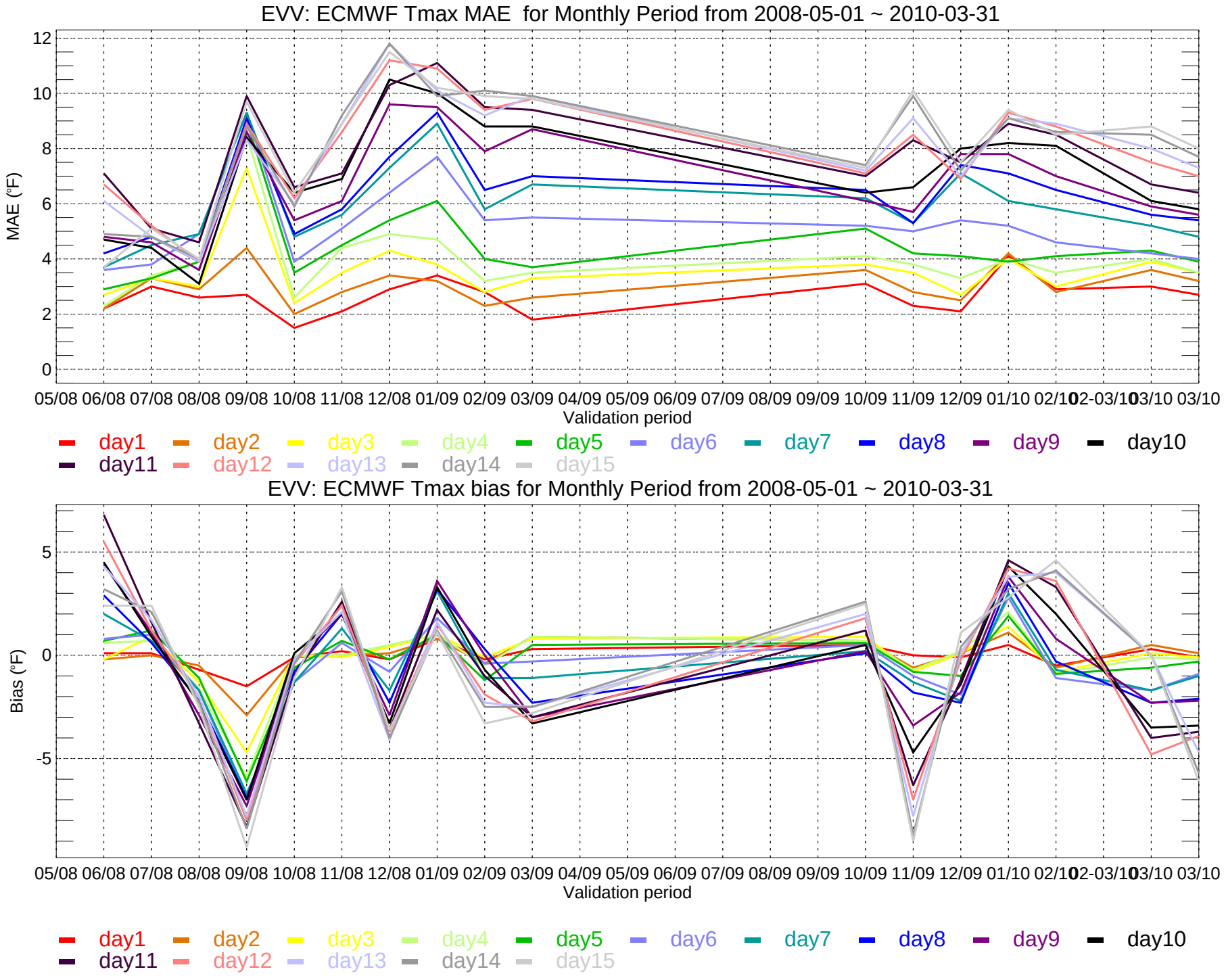

ELP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ELP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-3
-2
-1
0
1
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

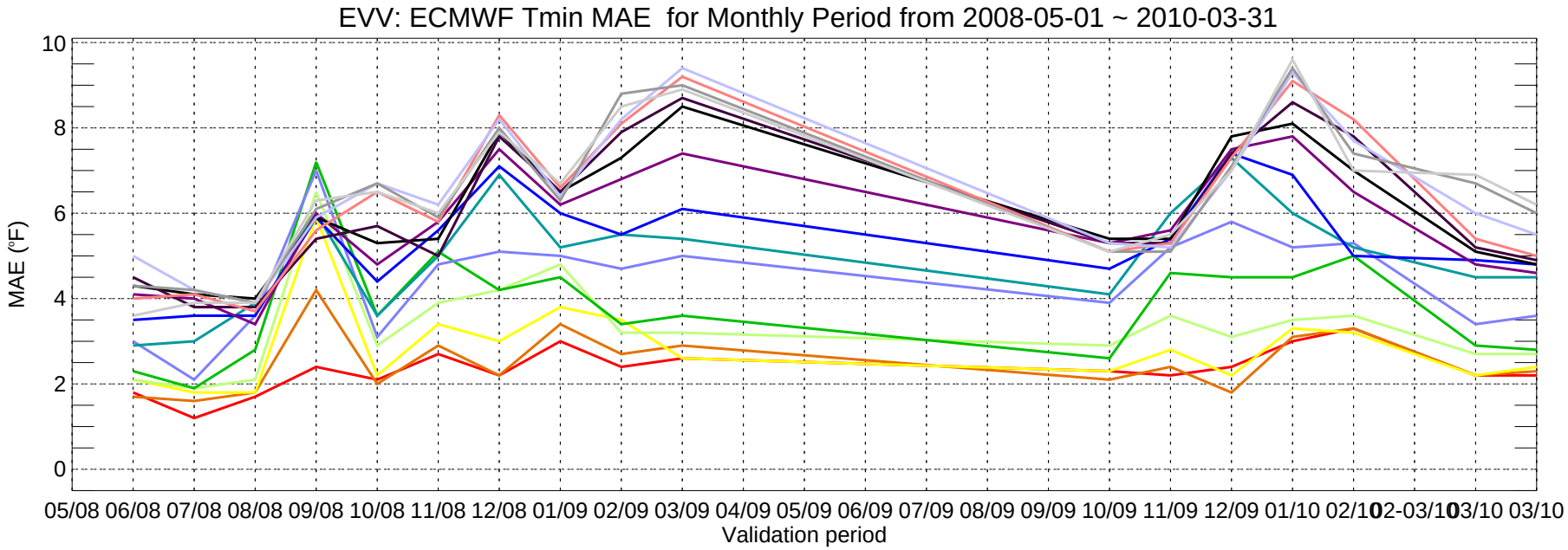

ERI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ERI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

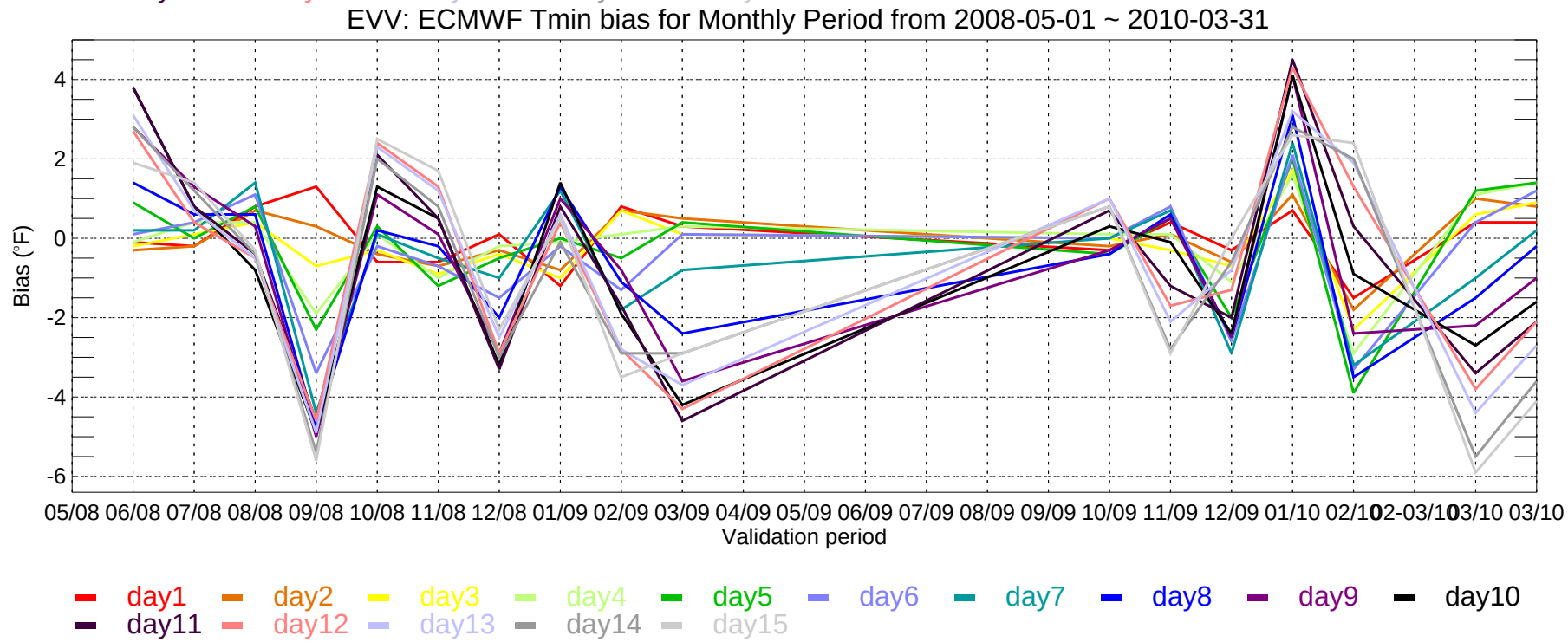

ERI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ERI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

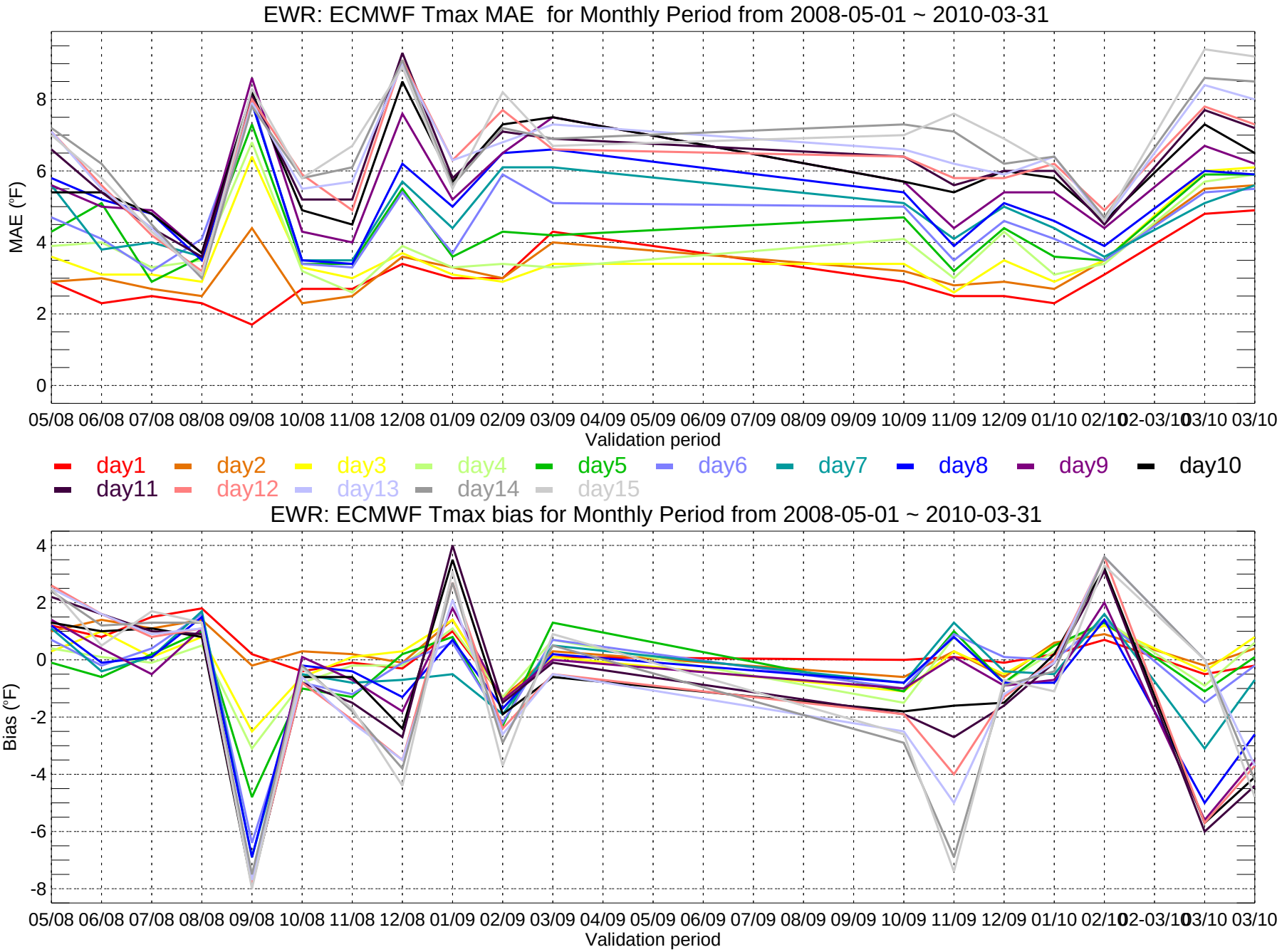

EUG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
EUG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

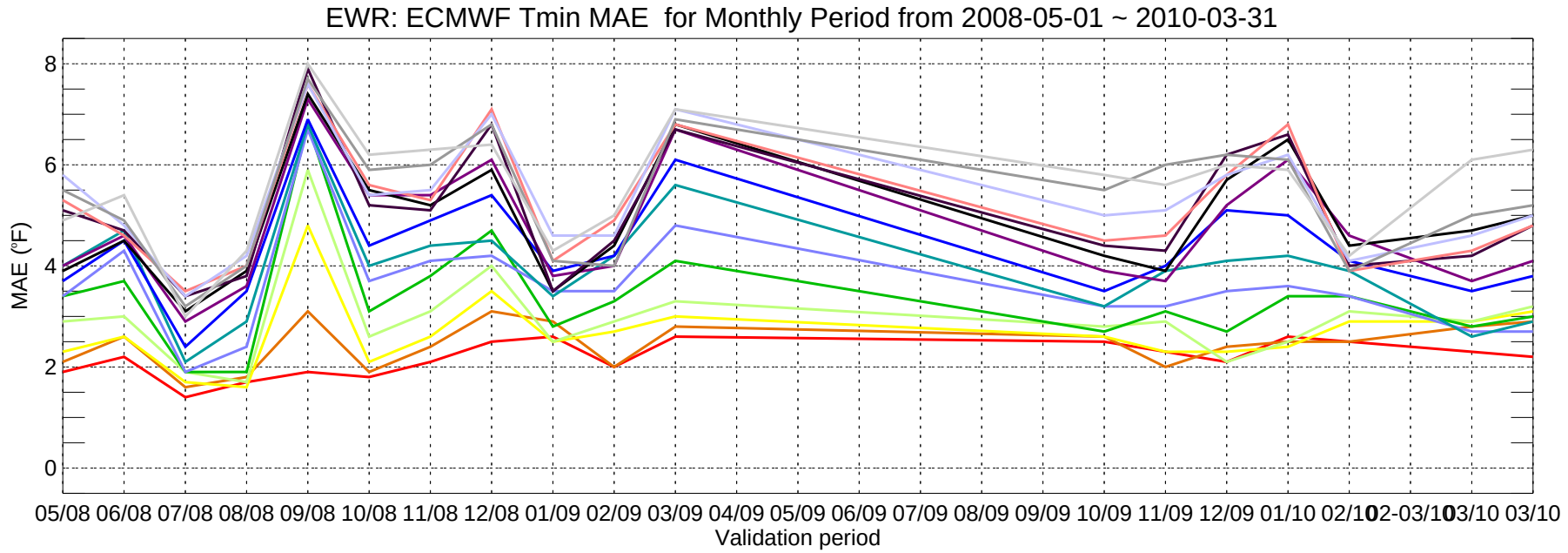

EUG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
EUG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

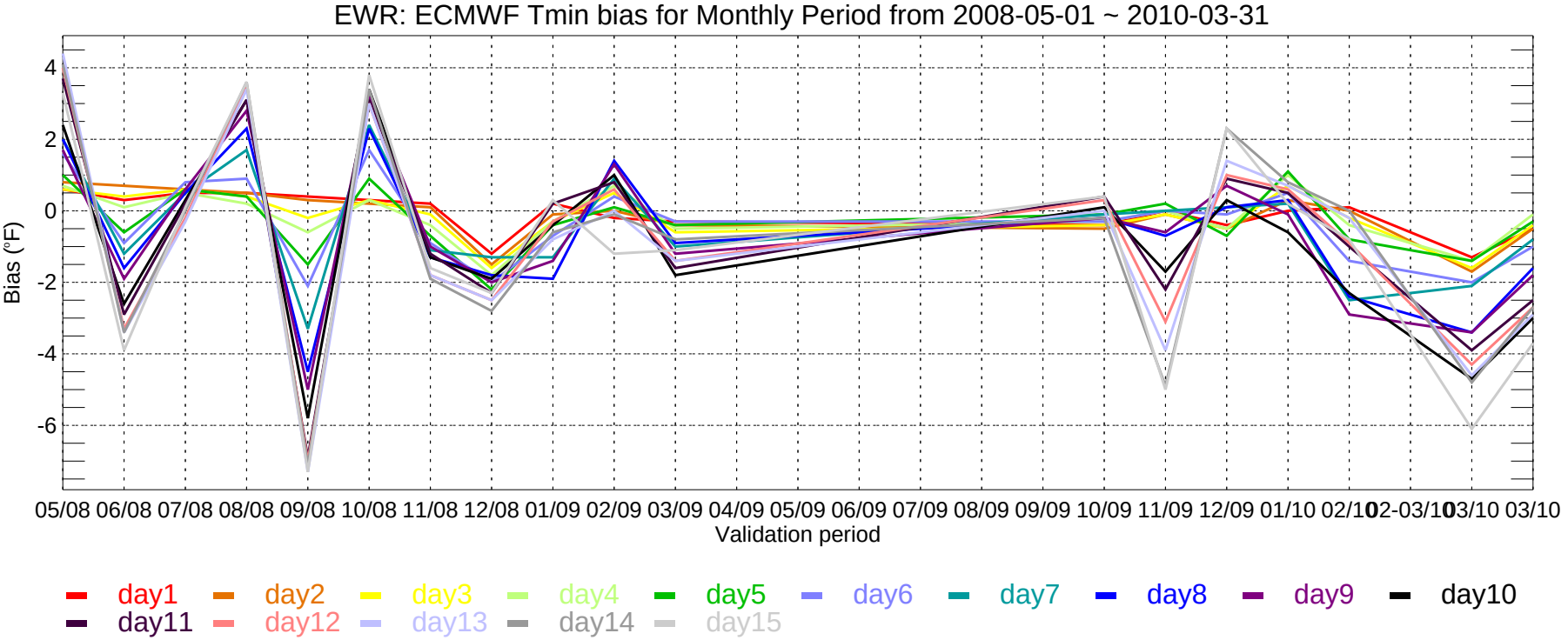

EVV: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
EVV: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

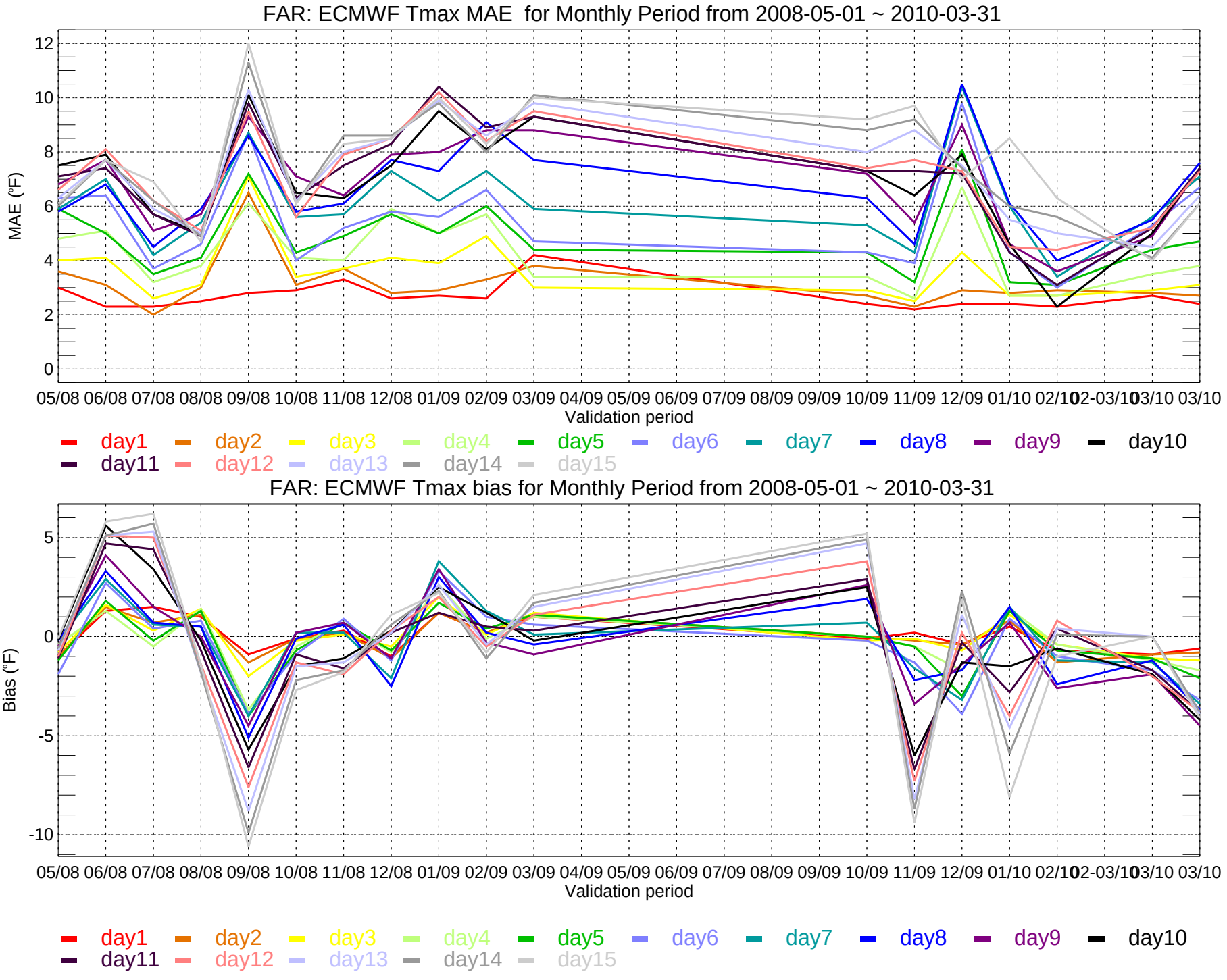

EVV: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

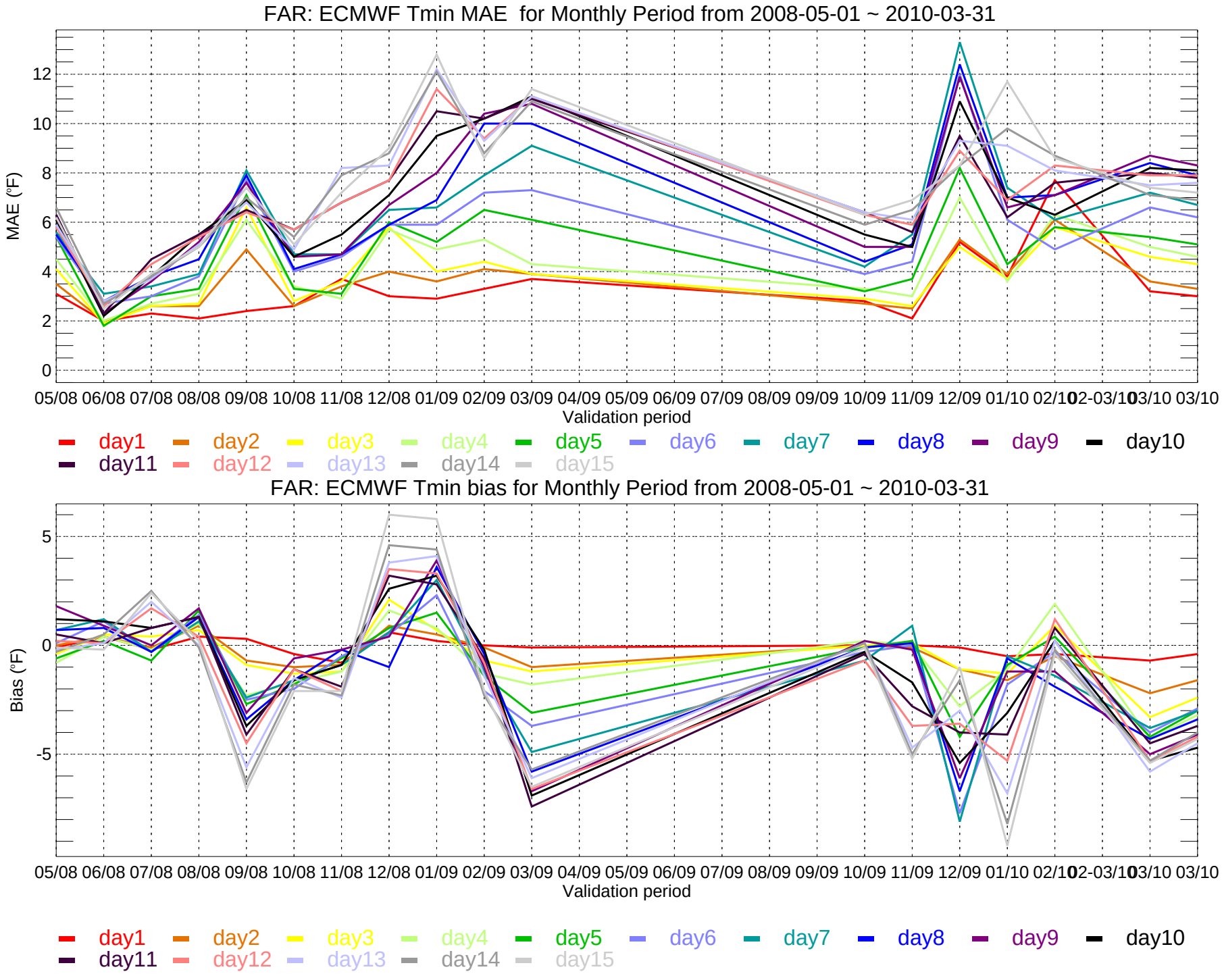

EVV: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

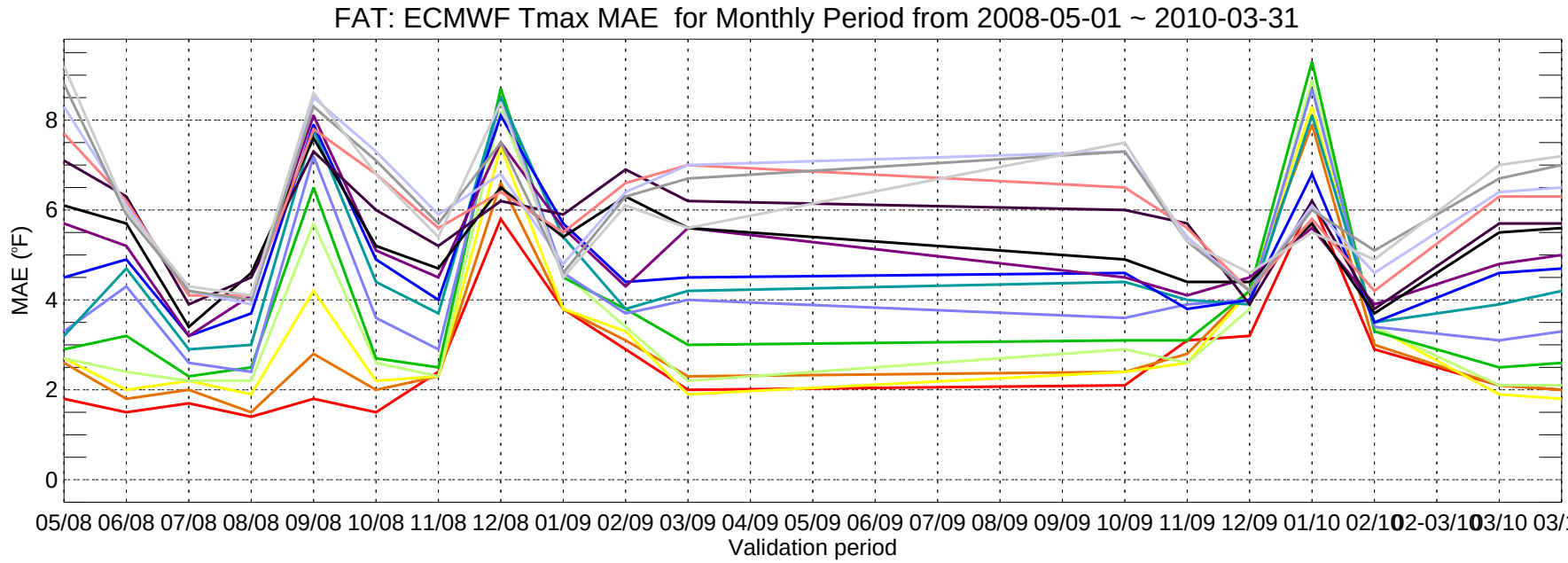

EWR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
EWR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

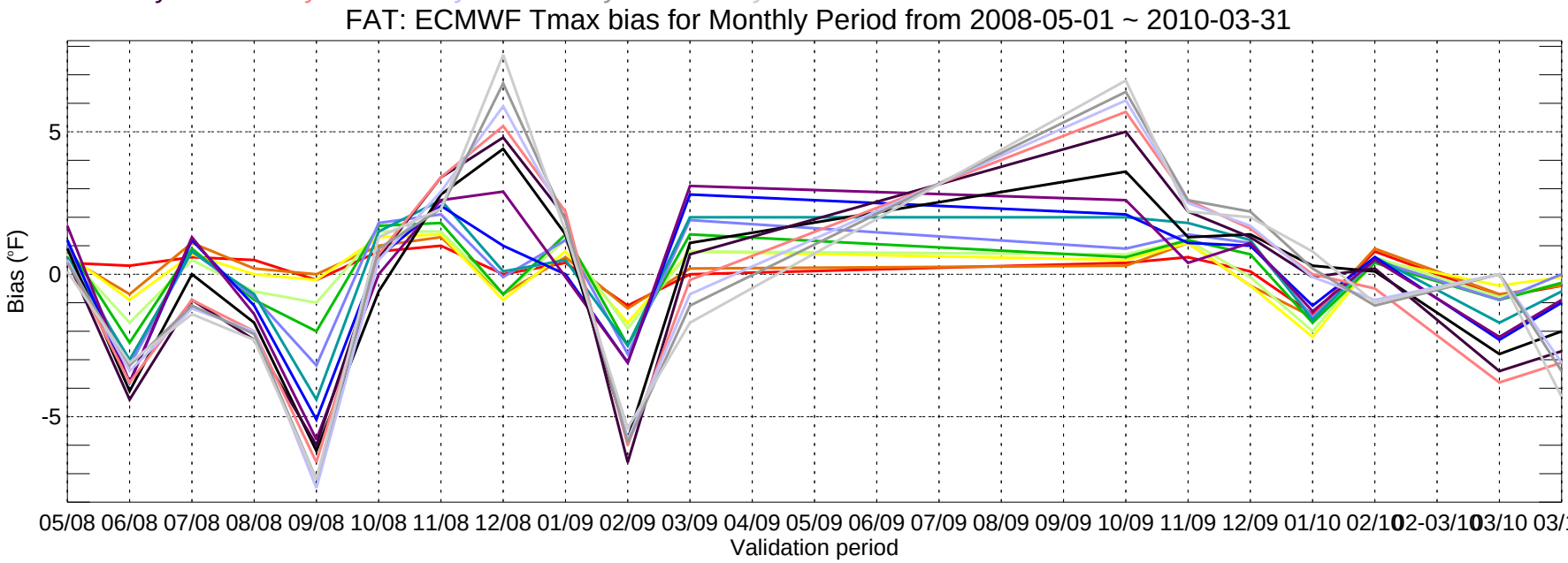

EWR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

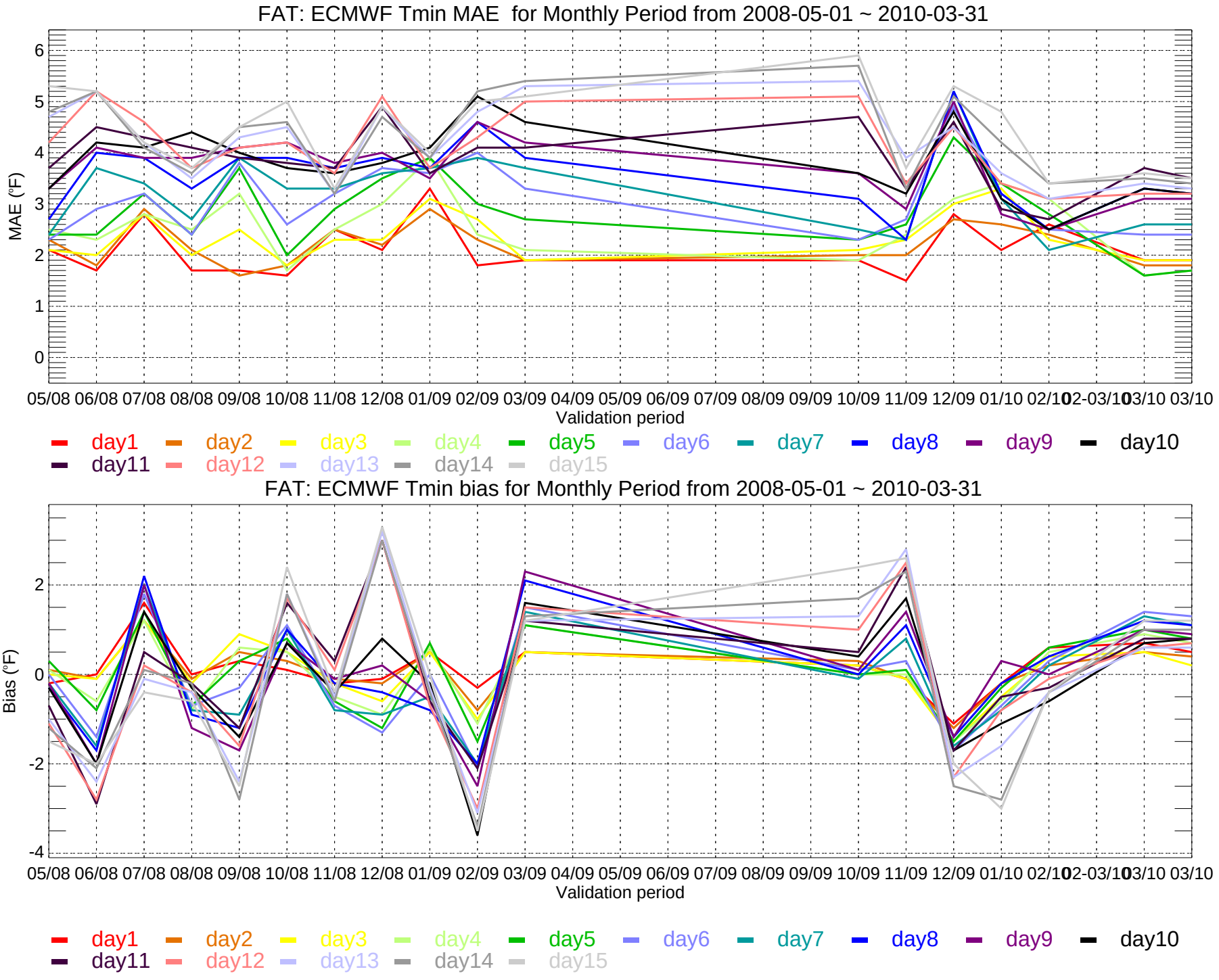

EWR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

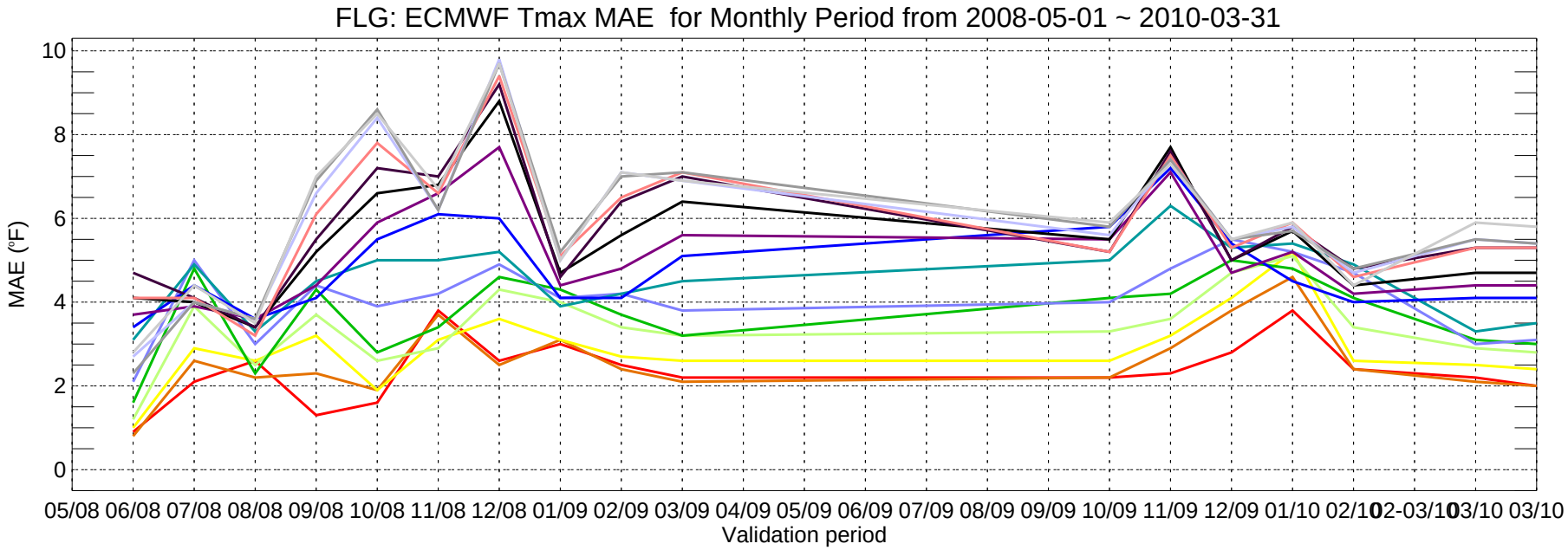

FAR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
FAR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

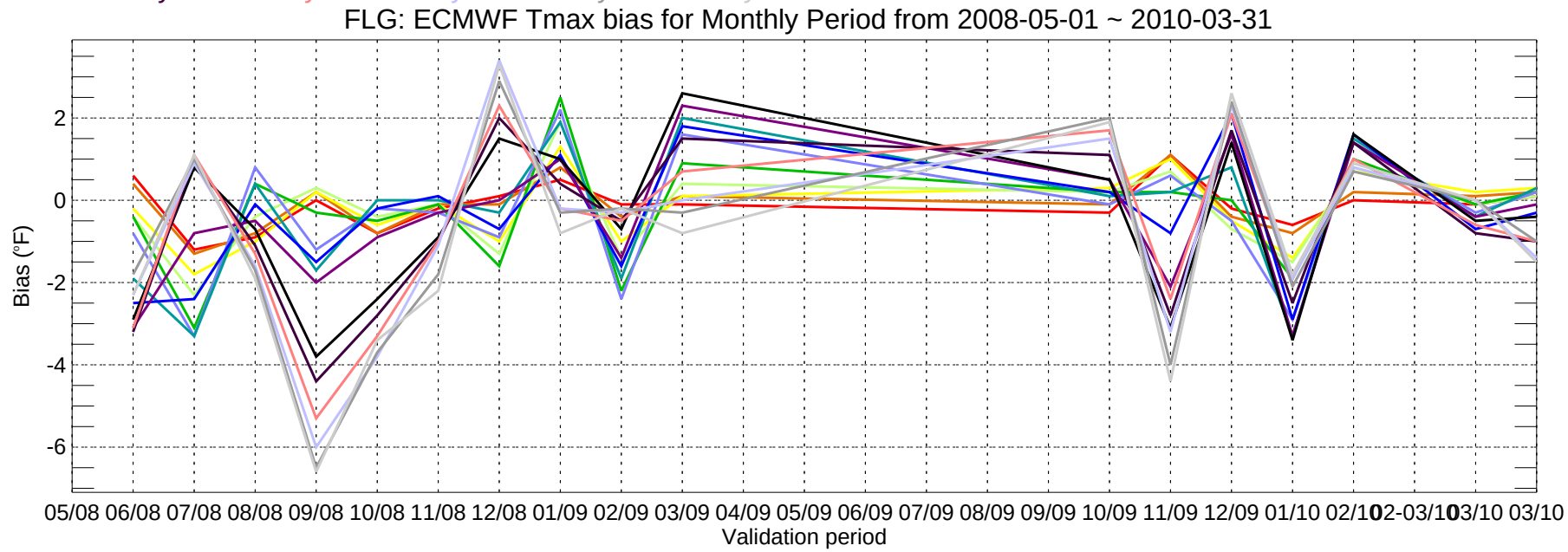

FAR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
FAR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

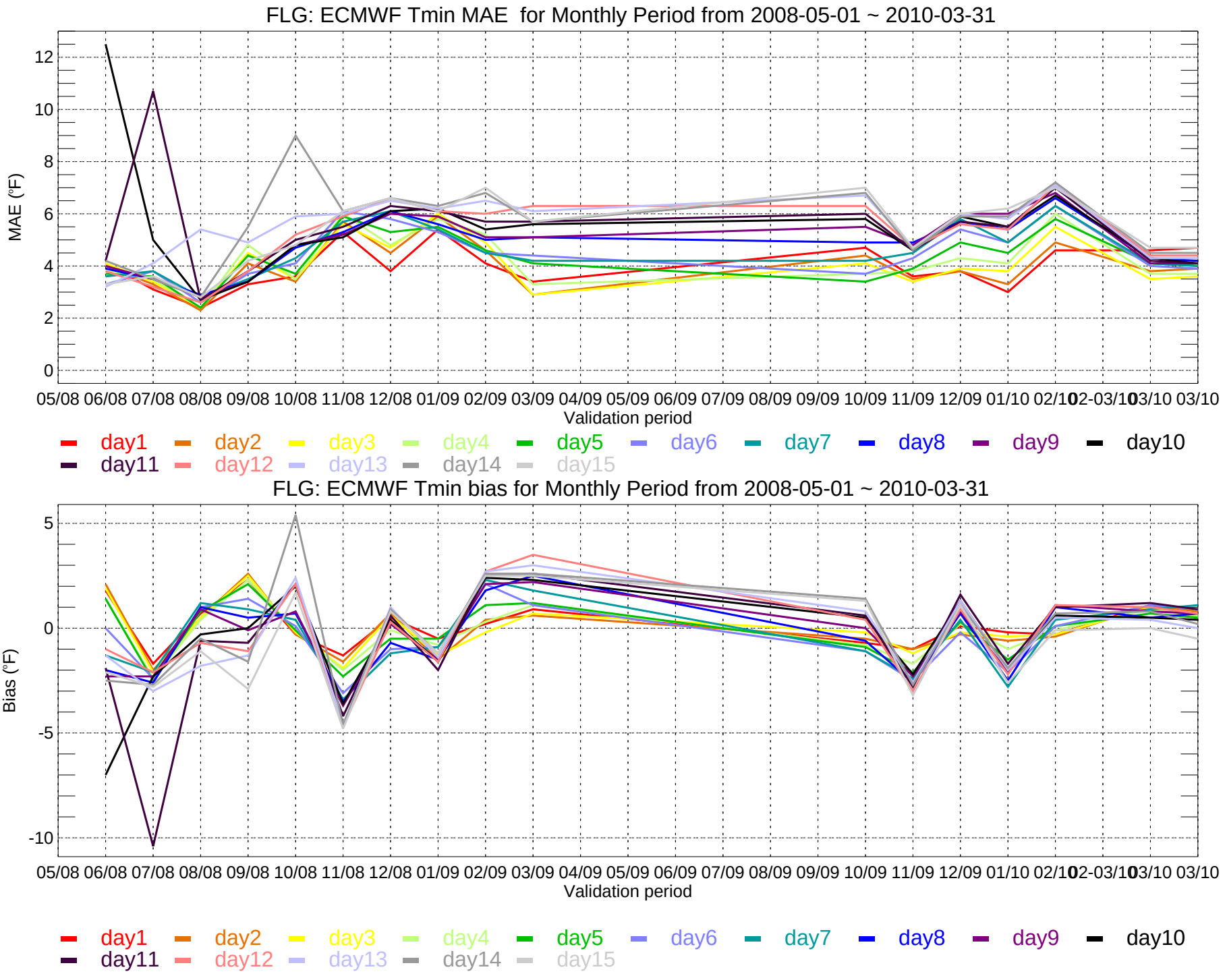

FAT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

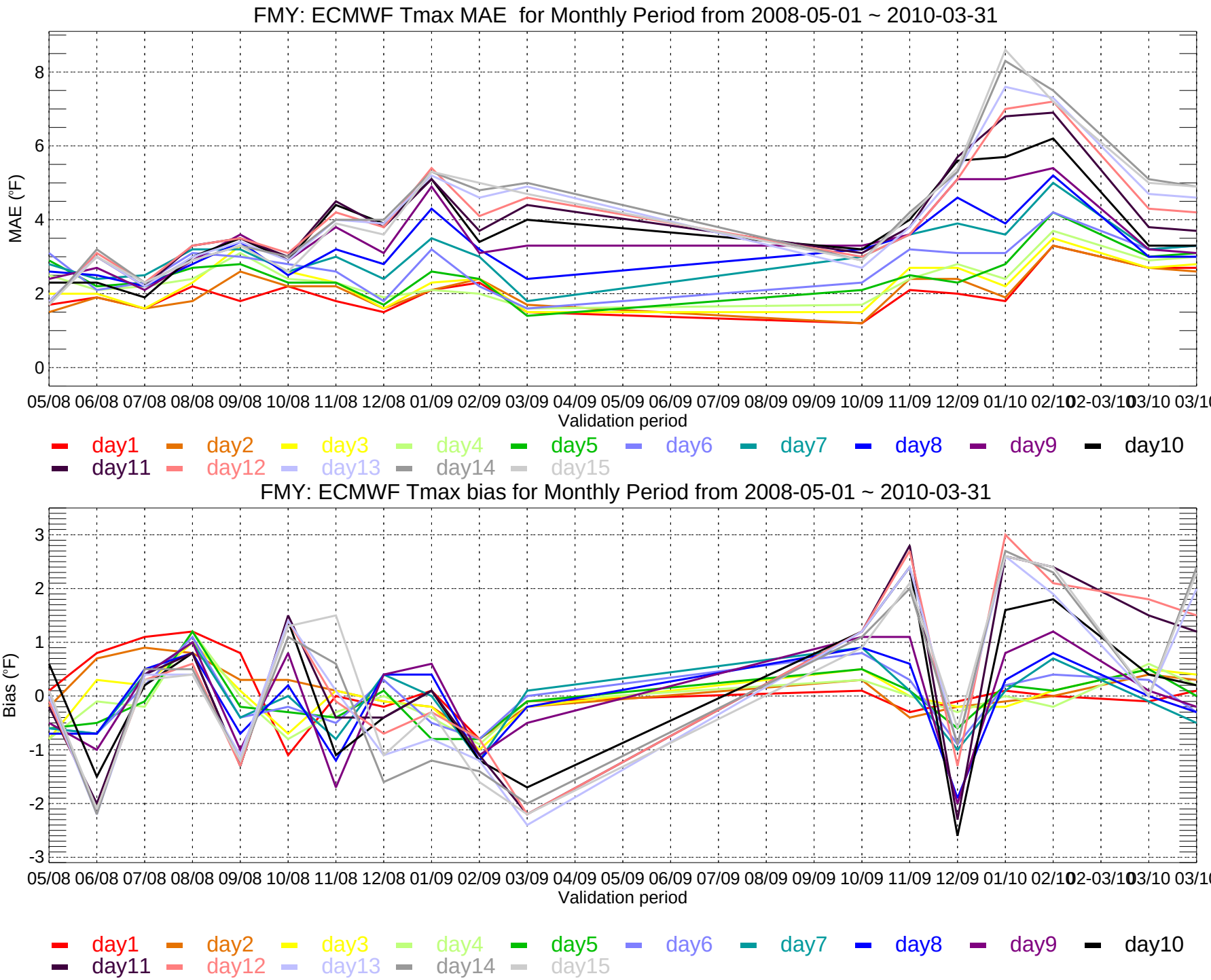

FAT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

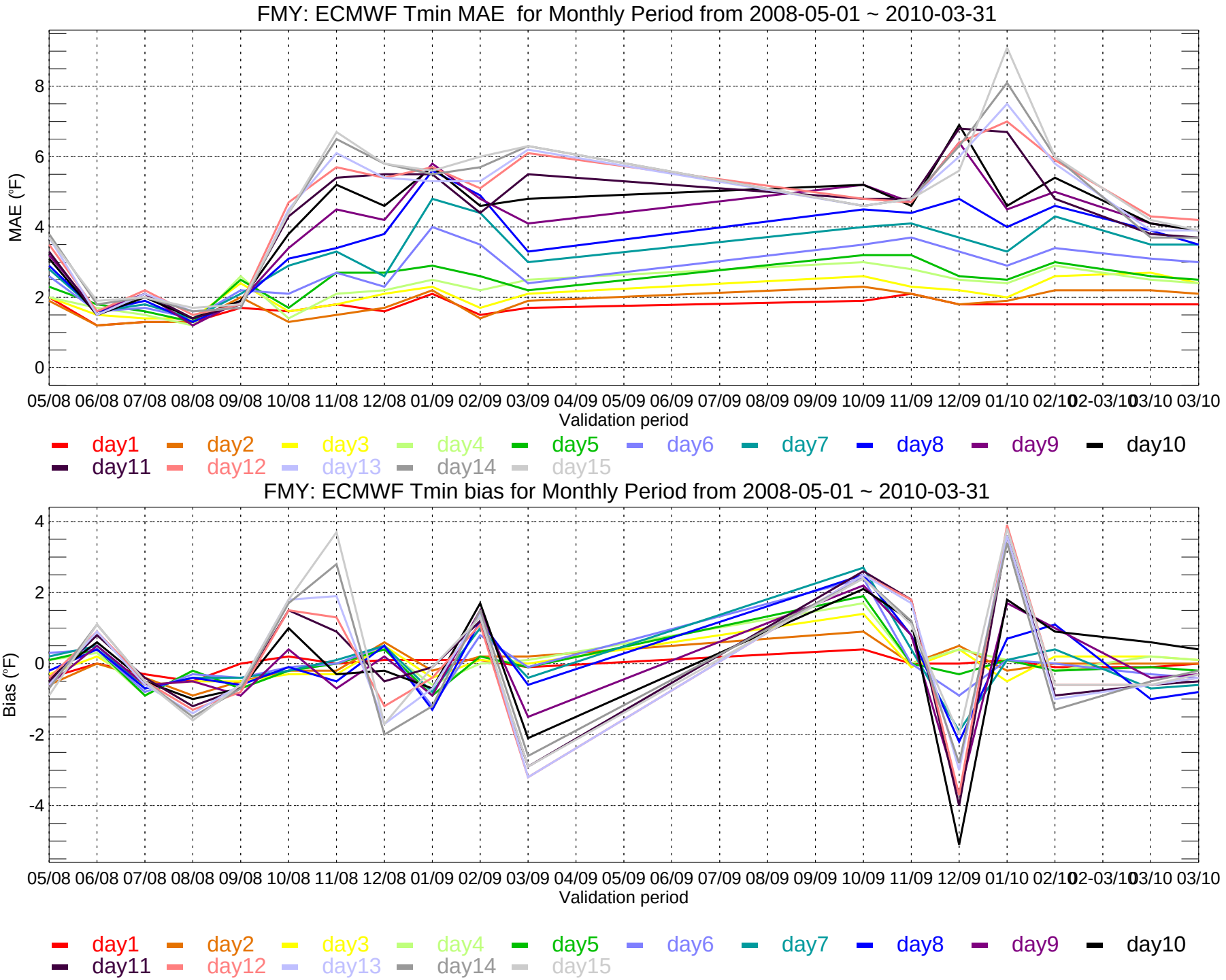

FAT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
1
2
3
4
5
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
FAT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

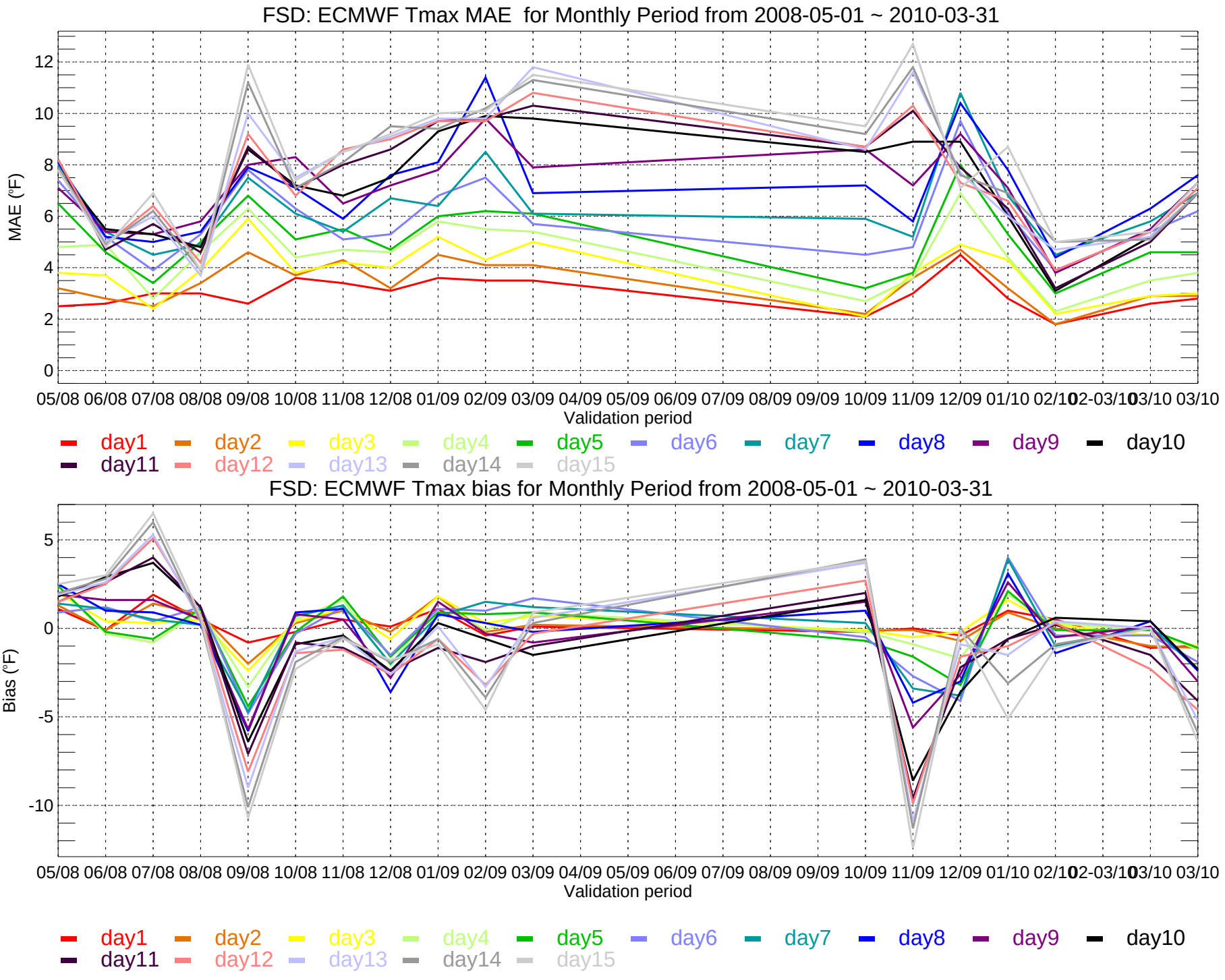

FLG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

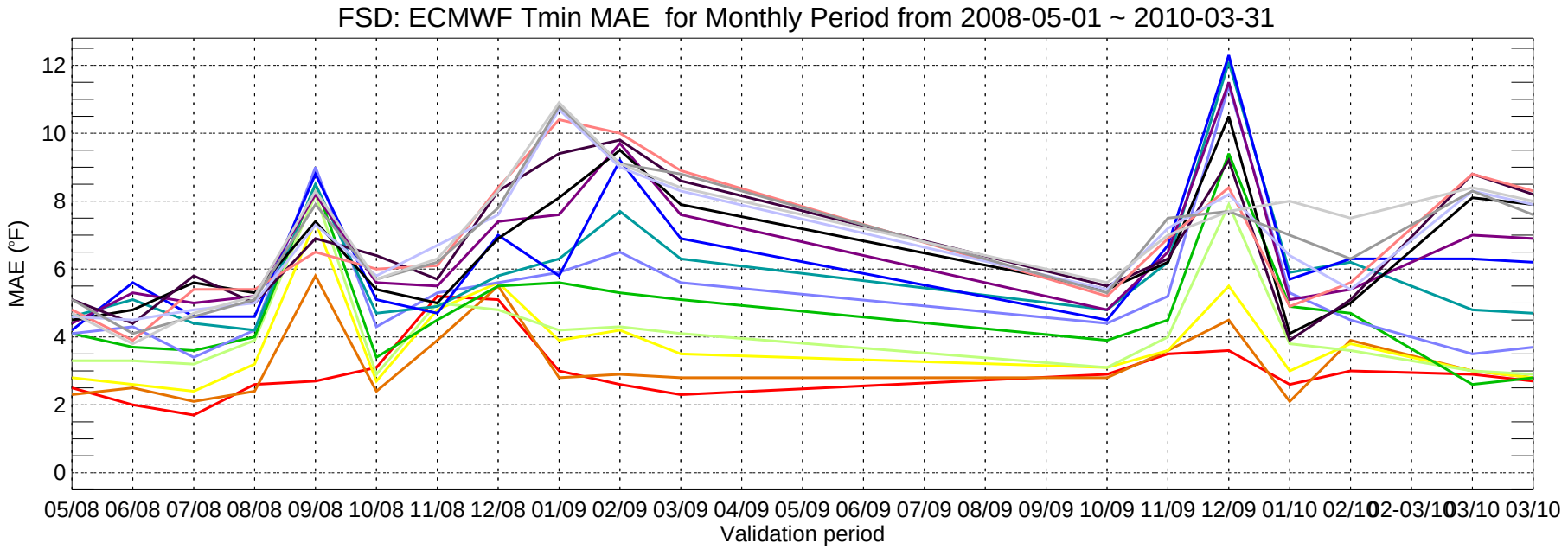

FLG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

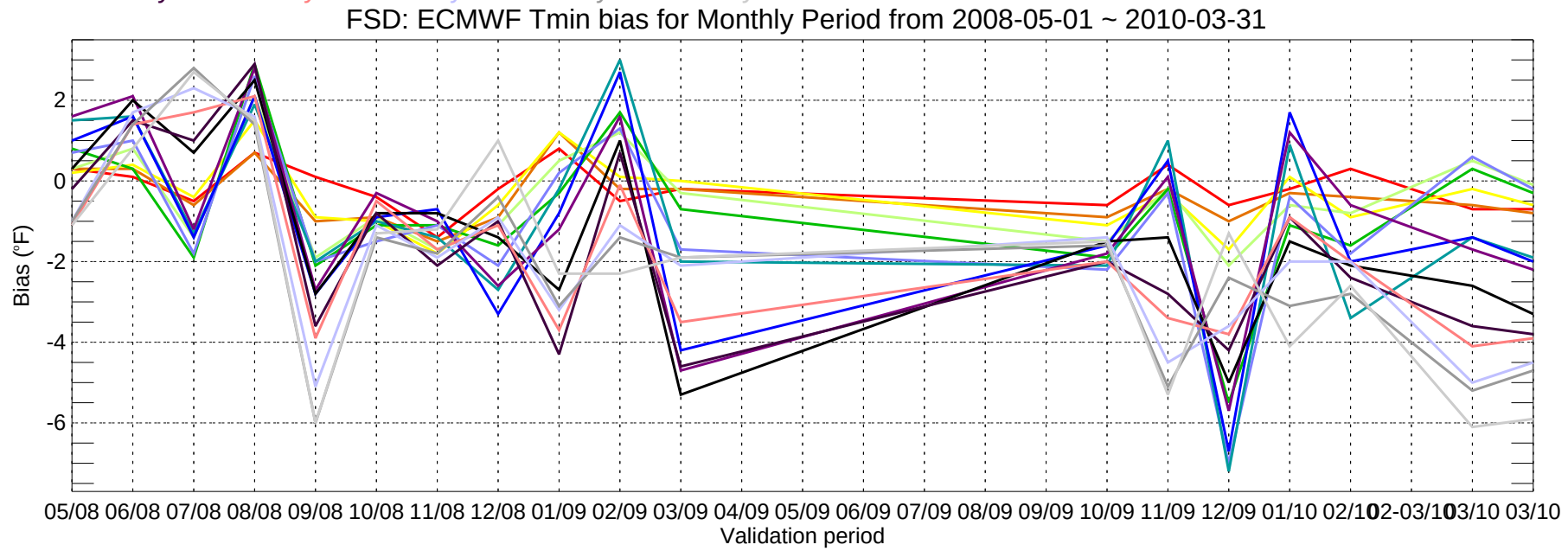

FLG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
FLG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

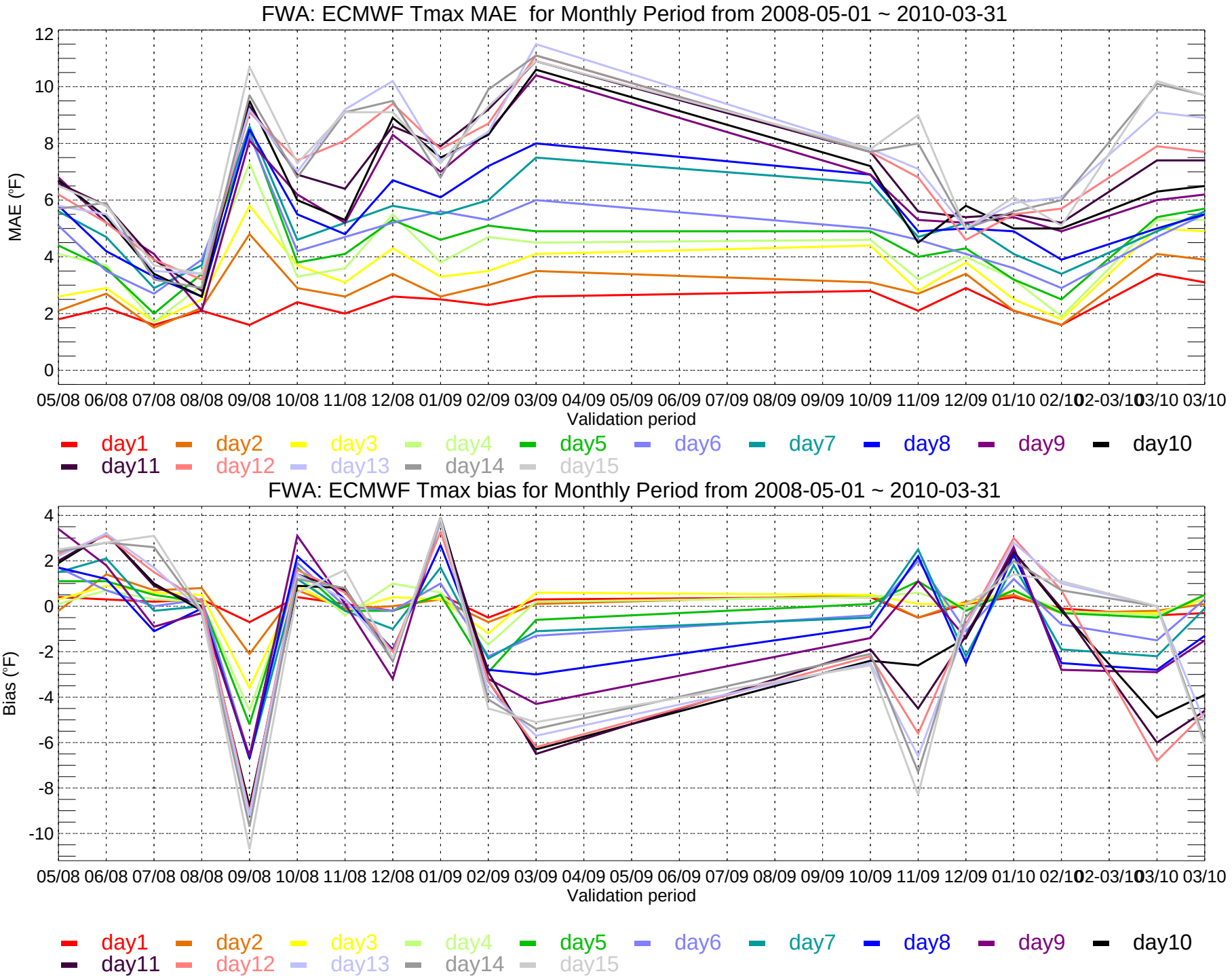

FMY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
FMY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-3
-2
-1
0
1
2
3
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

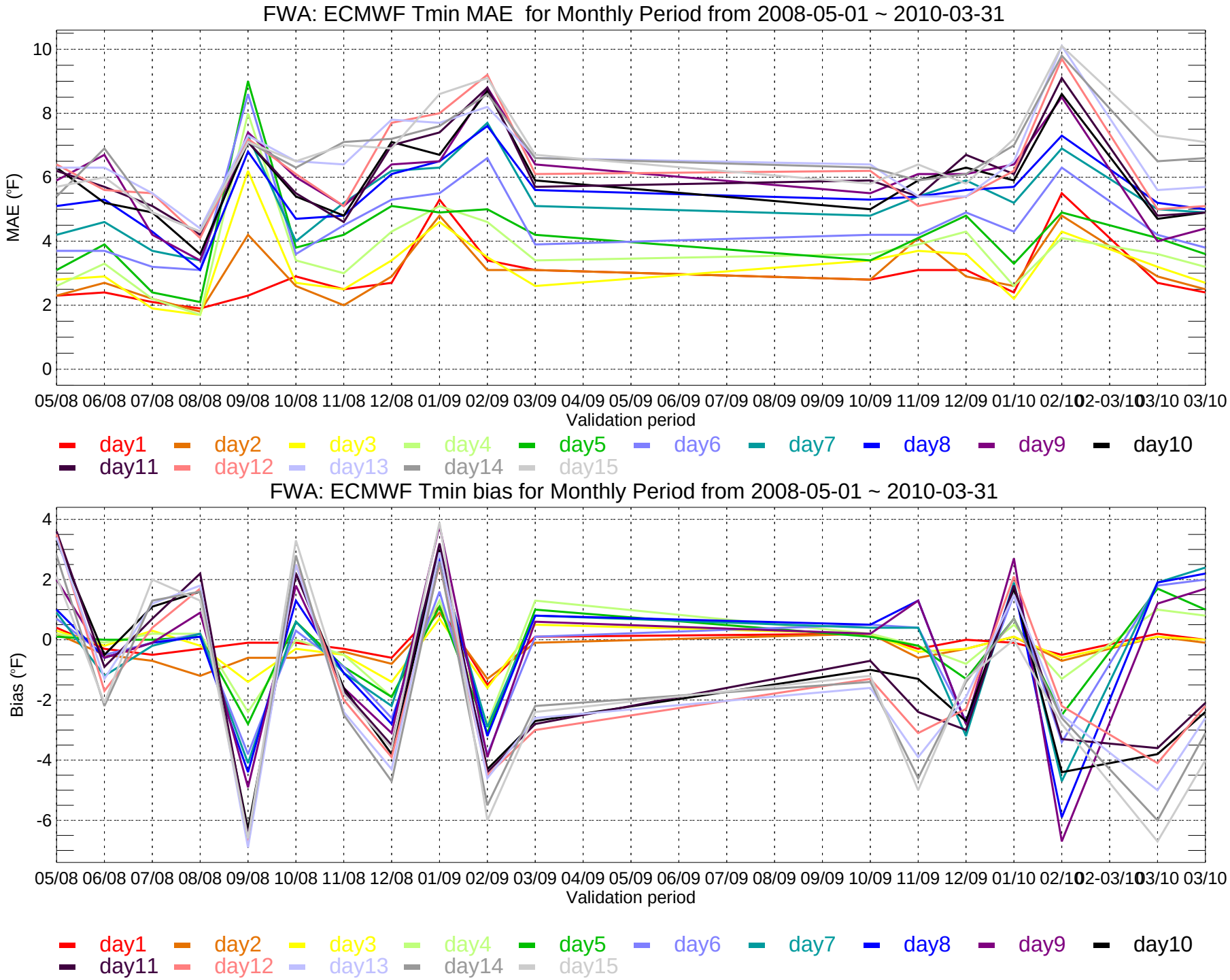

FMY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
FMY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

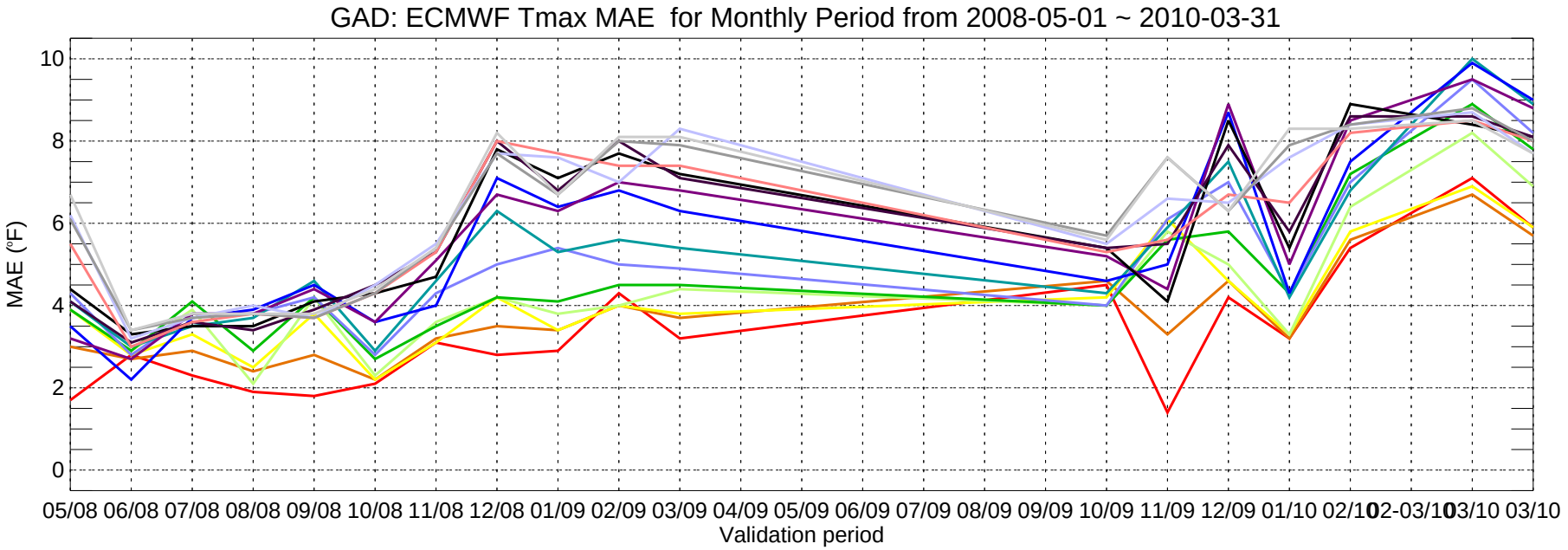

FSD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
FSD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

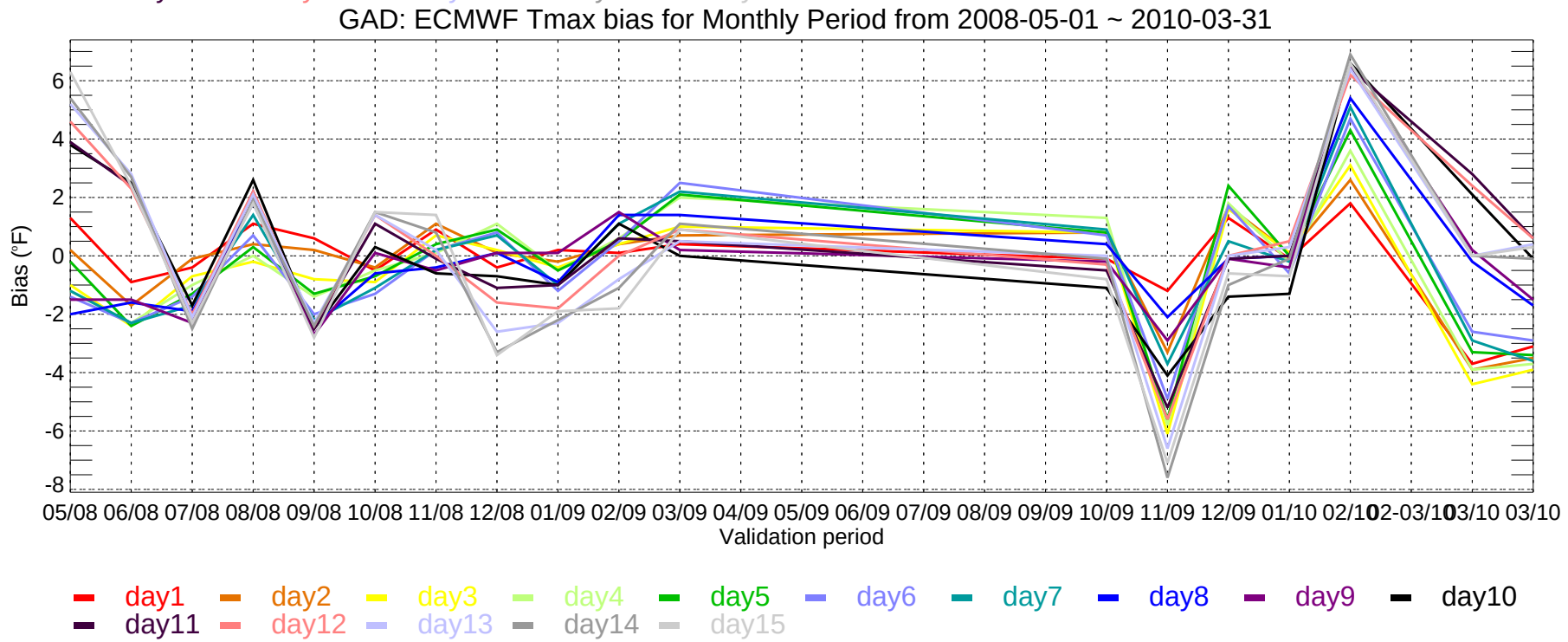

FSD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

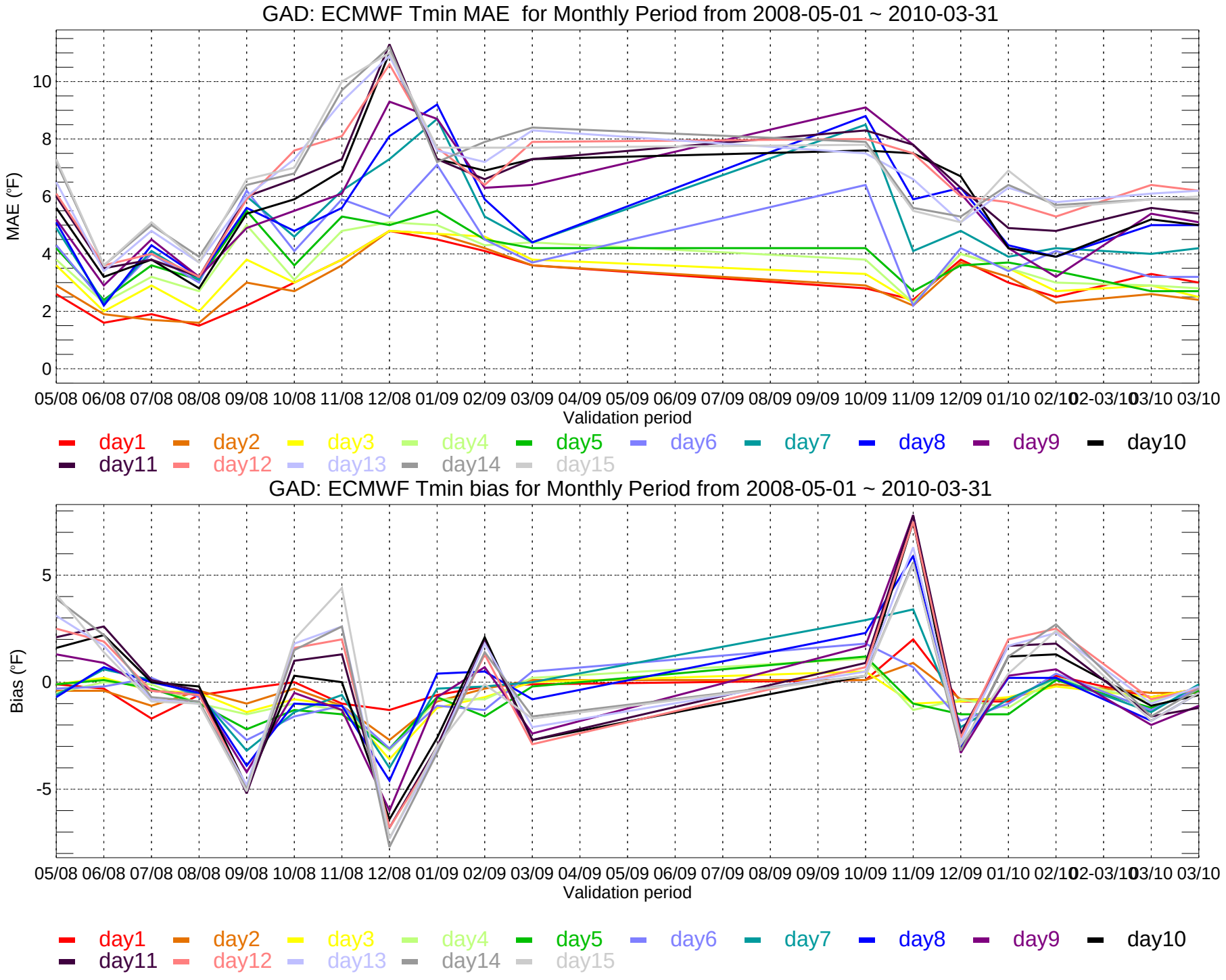

FSD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

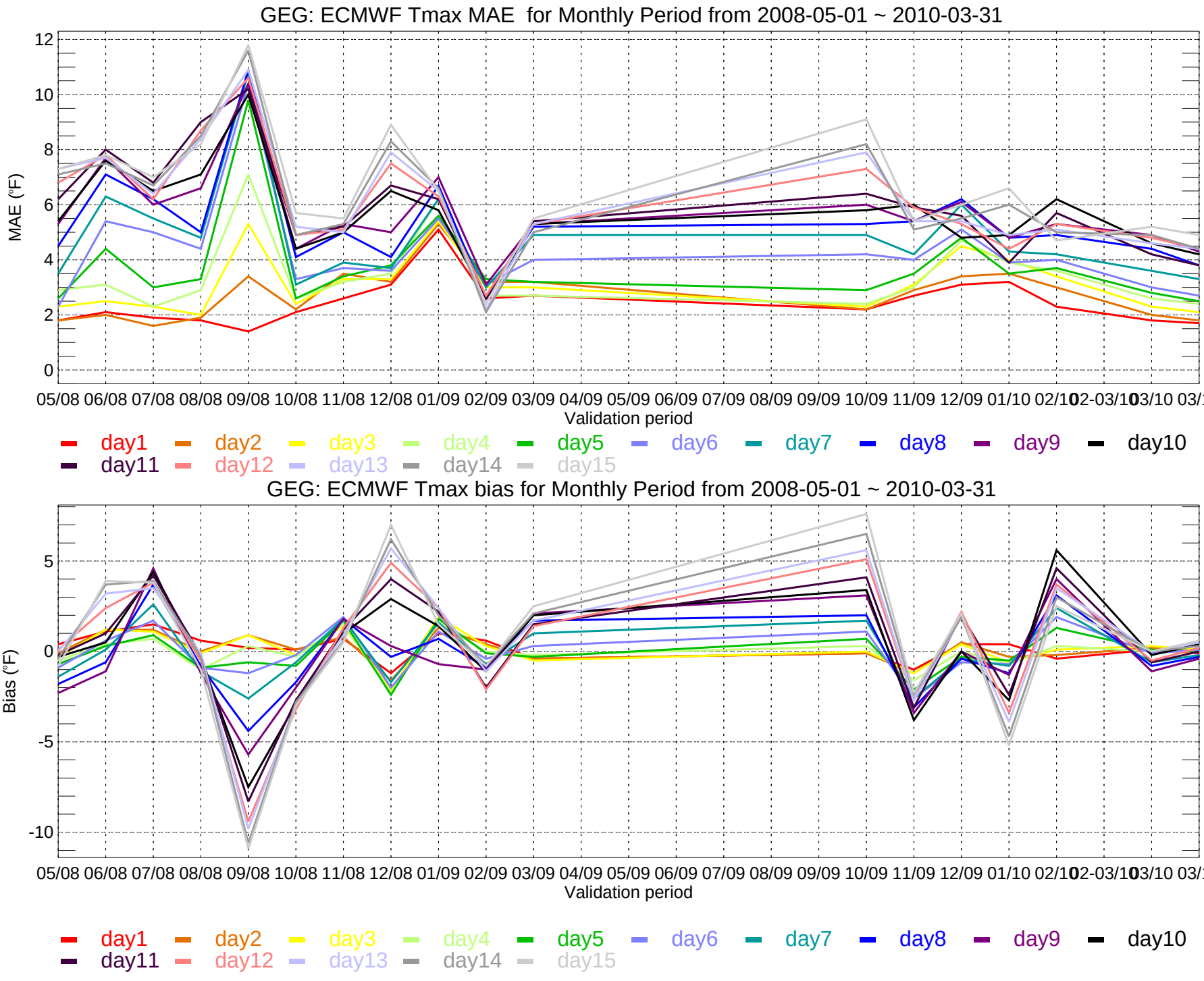

FWA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
FWA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

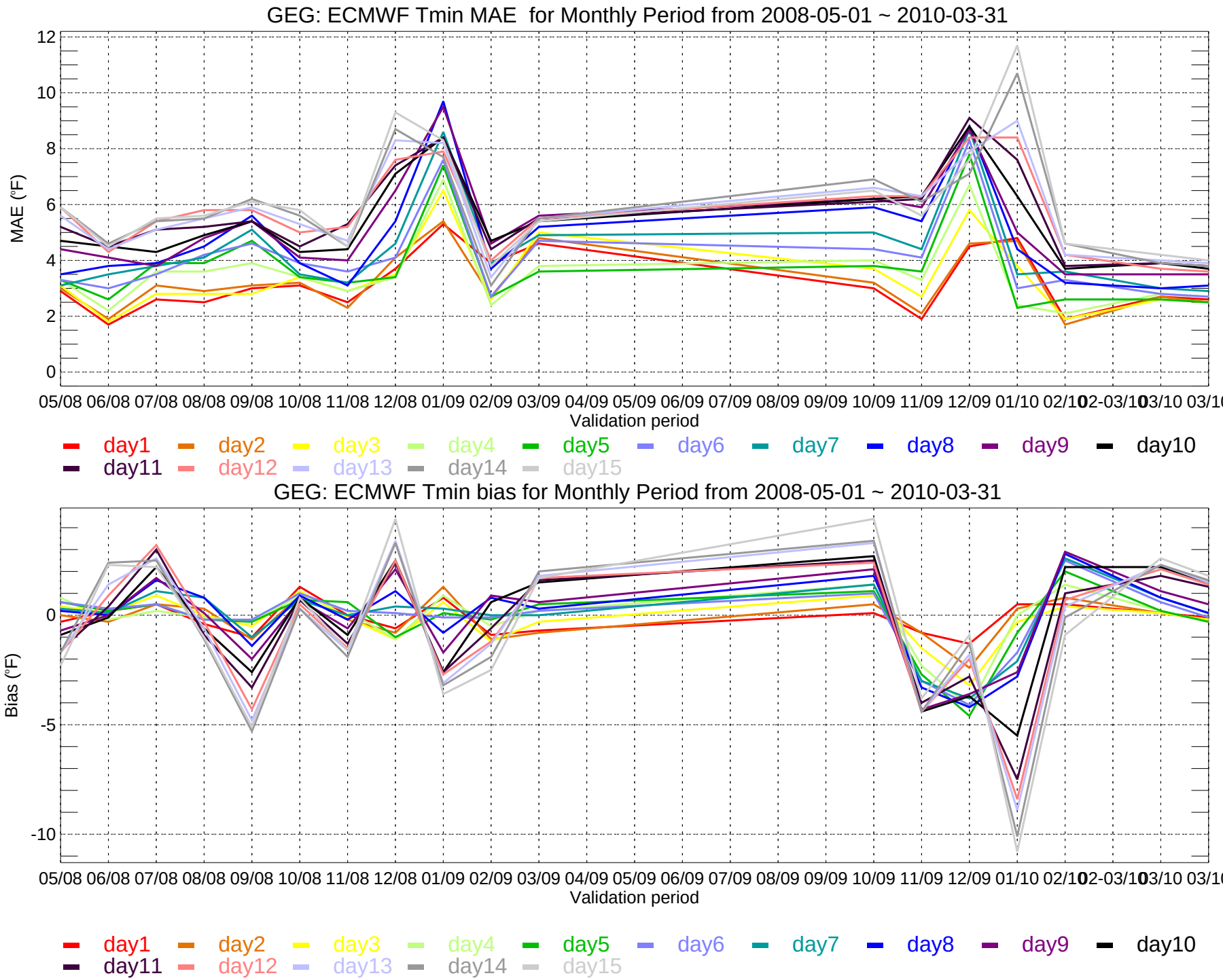

FWA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
FWA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

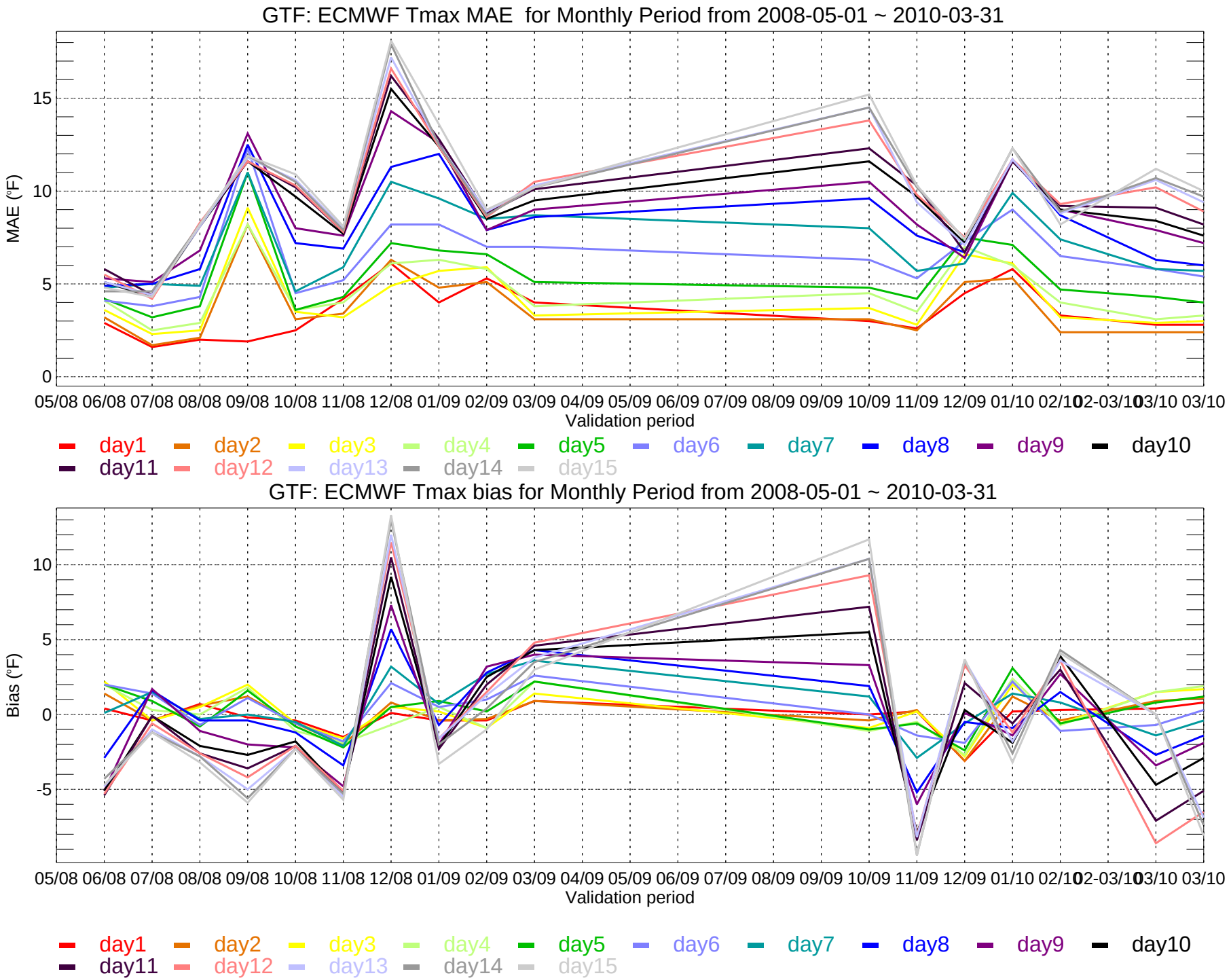

GAD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

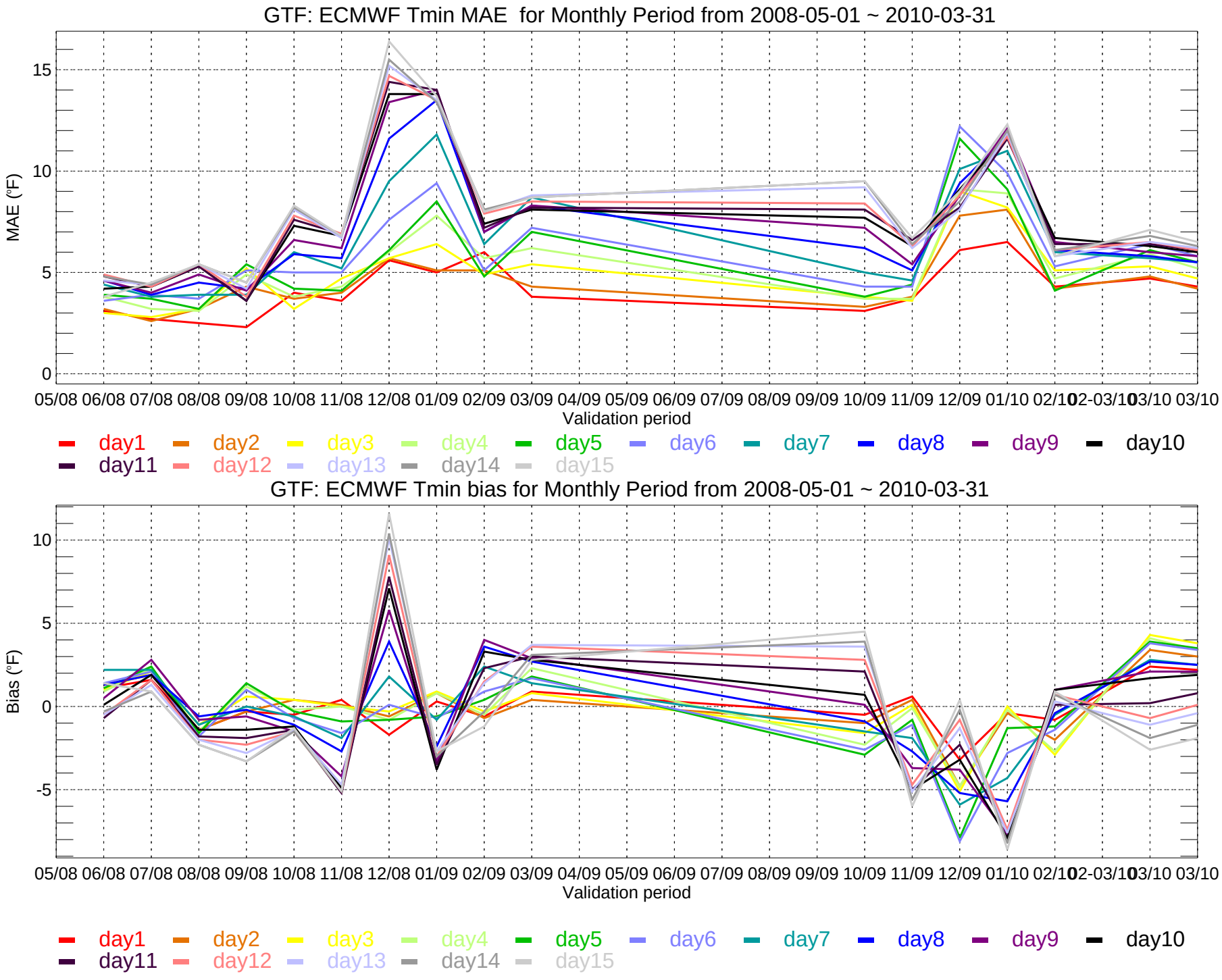

GAD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

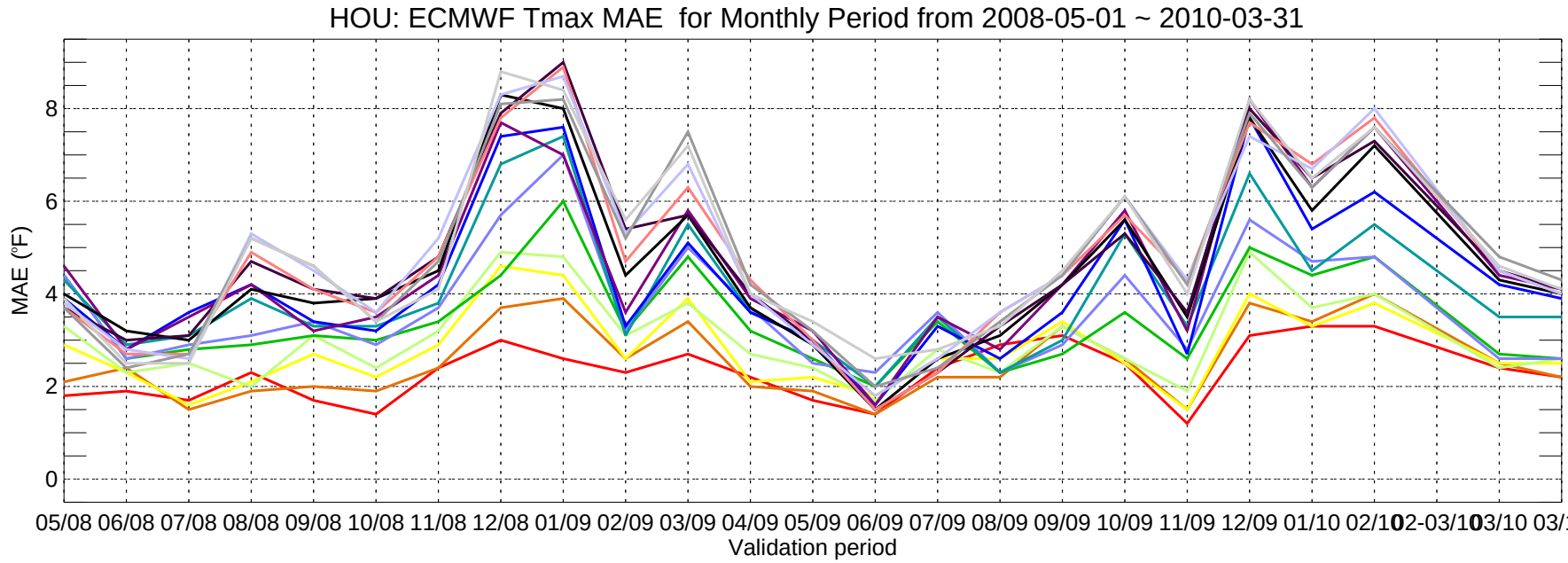

GAD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
GAD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

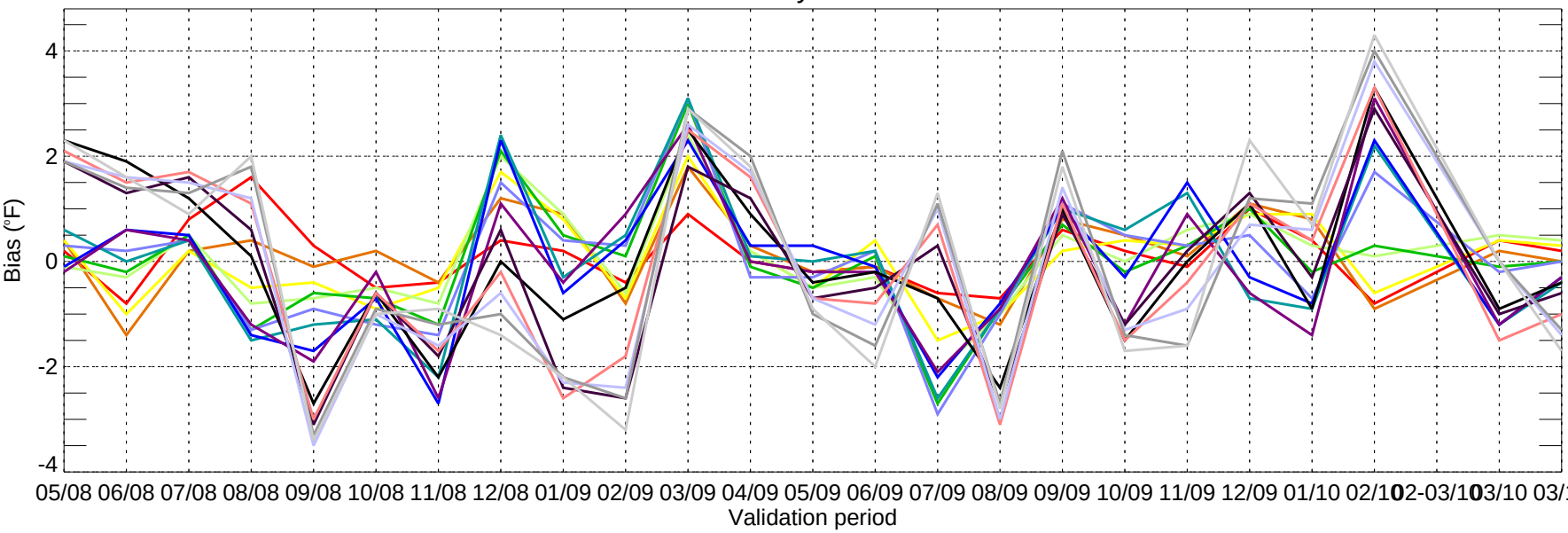

GEG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
GEG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

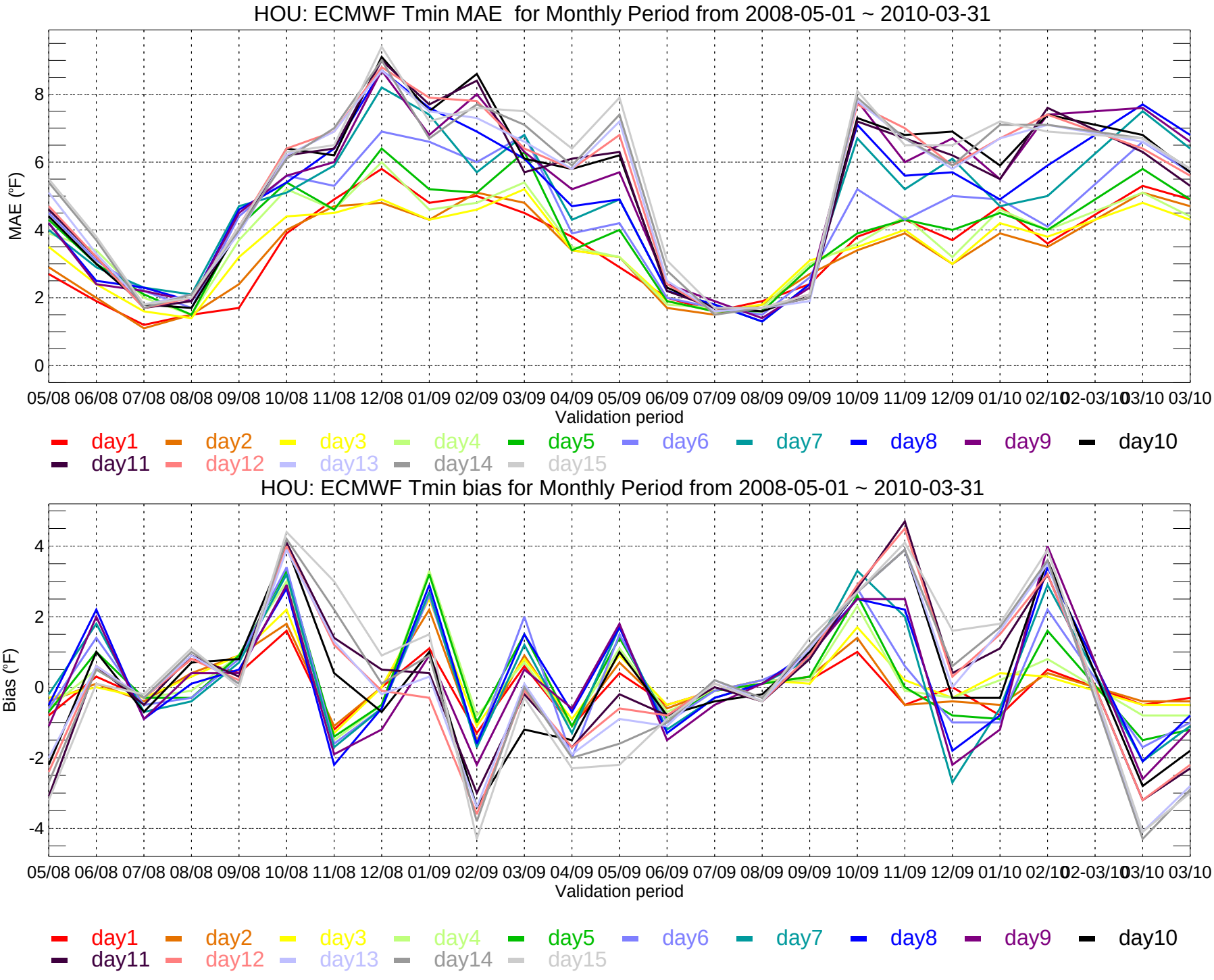

GEG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
GEG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

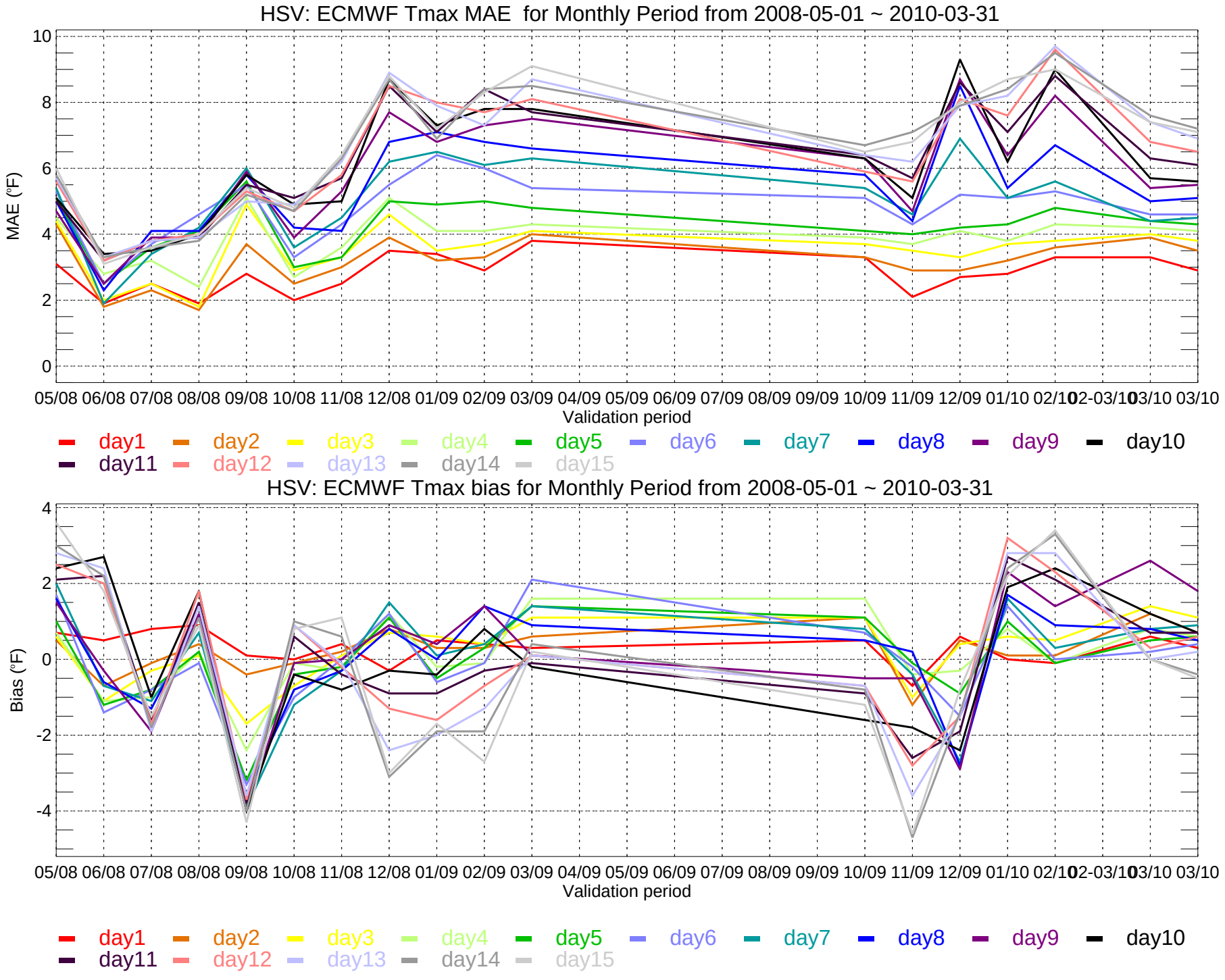

GTF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
5
10
15
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
GTF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

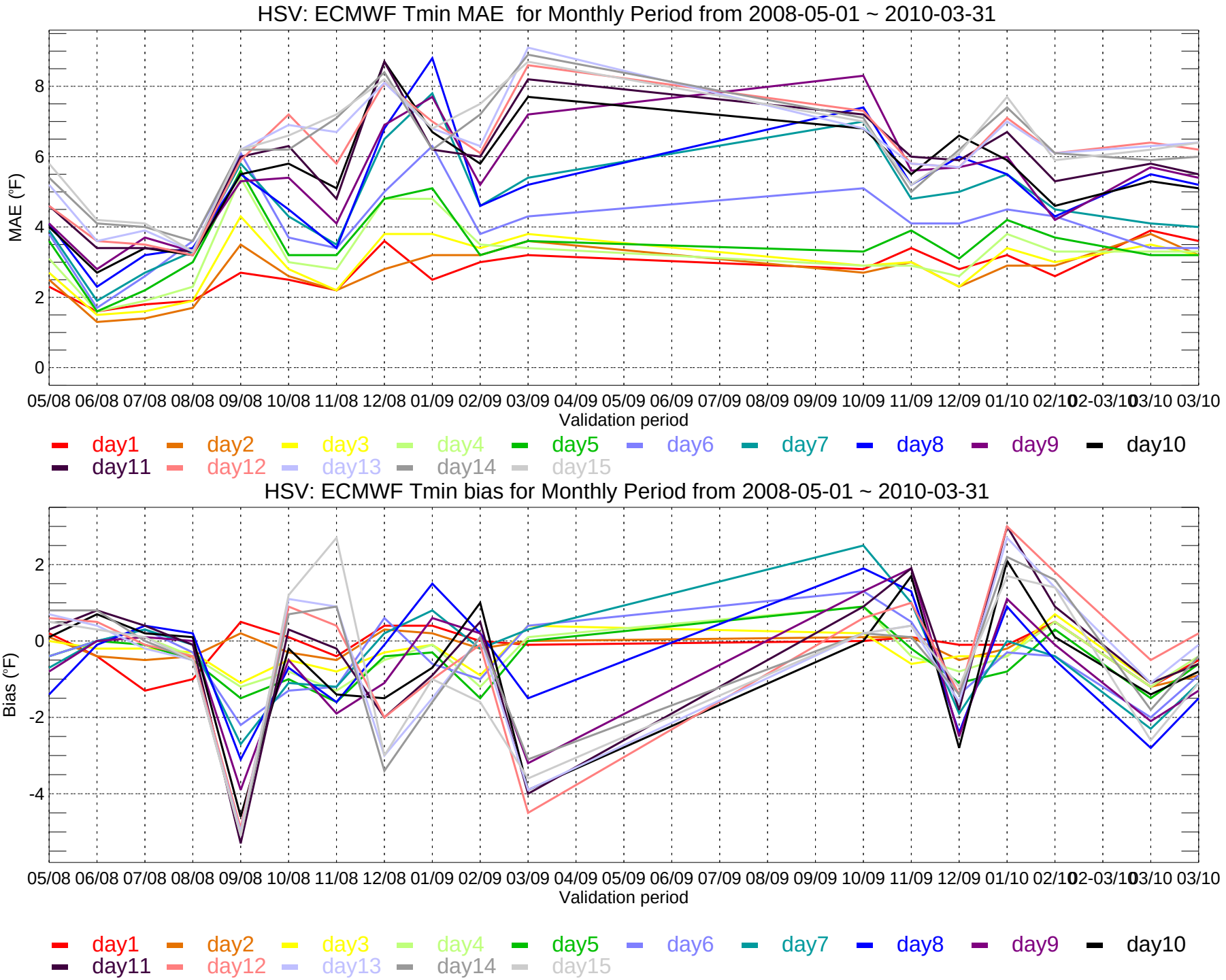

GTF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
15
10
5
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
GTF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
10
5
0
-5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

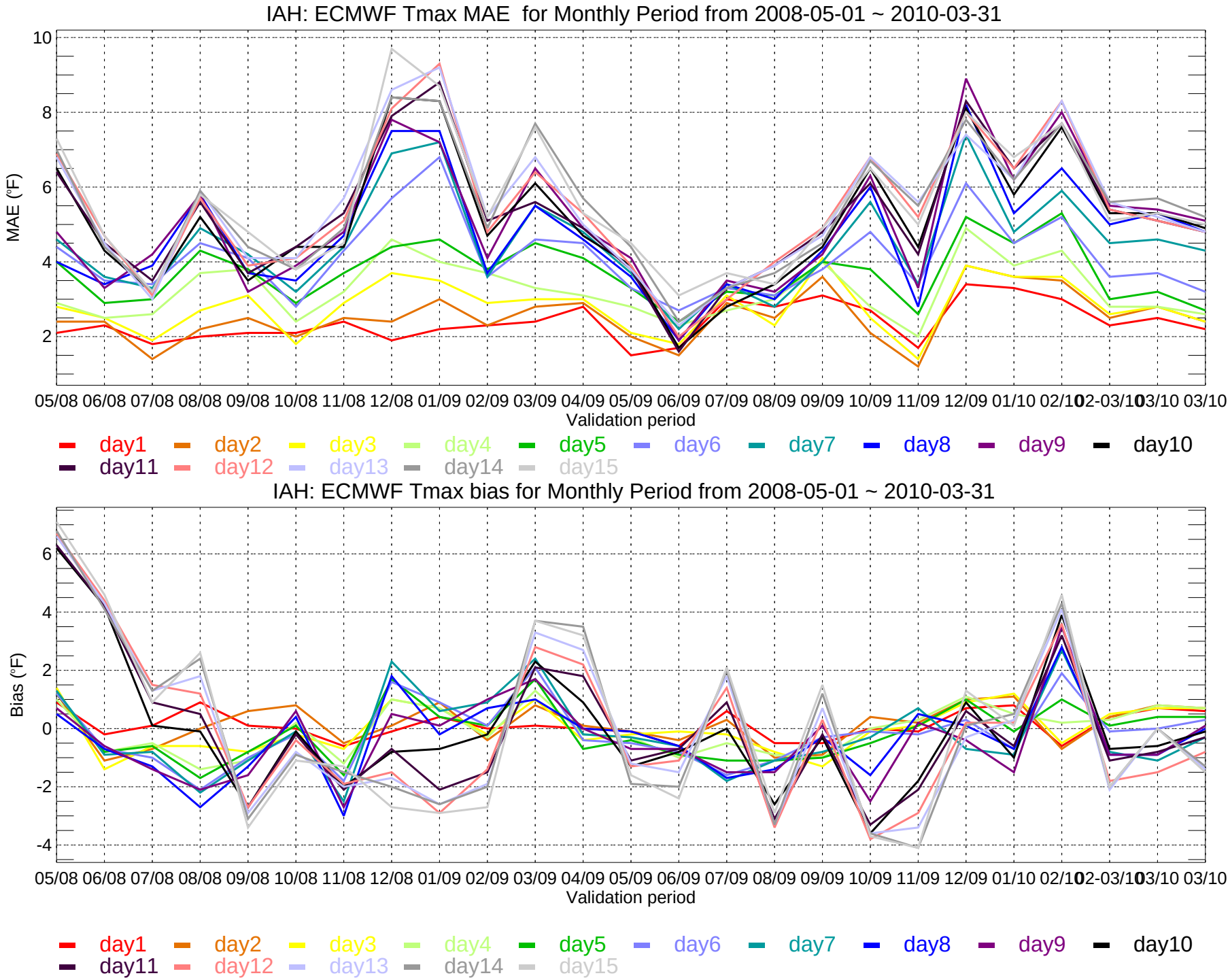

HOU: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

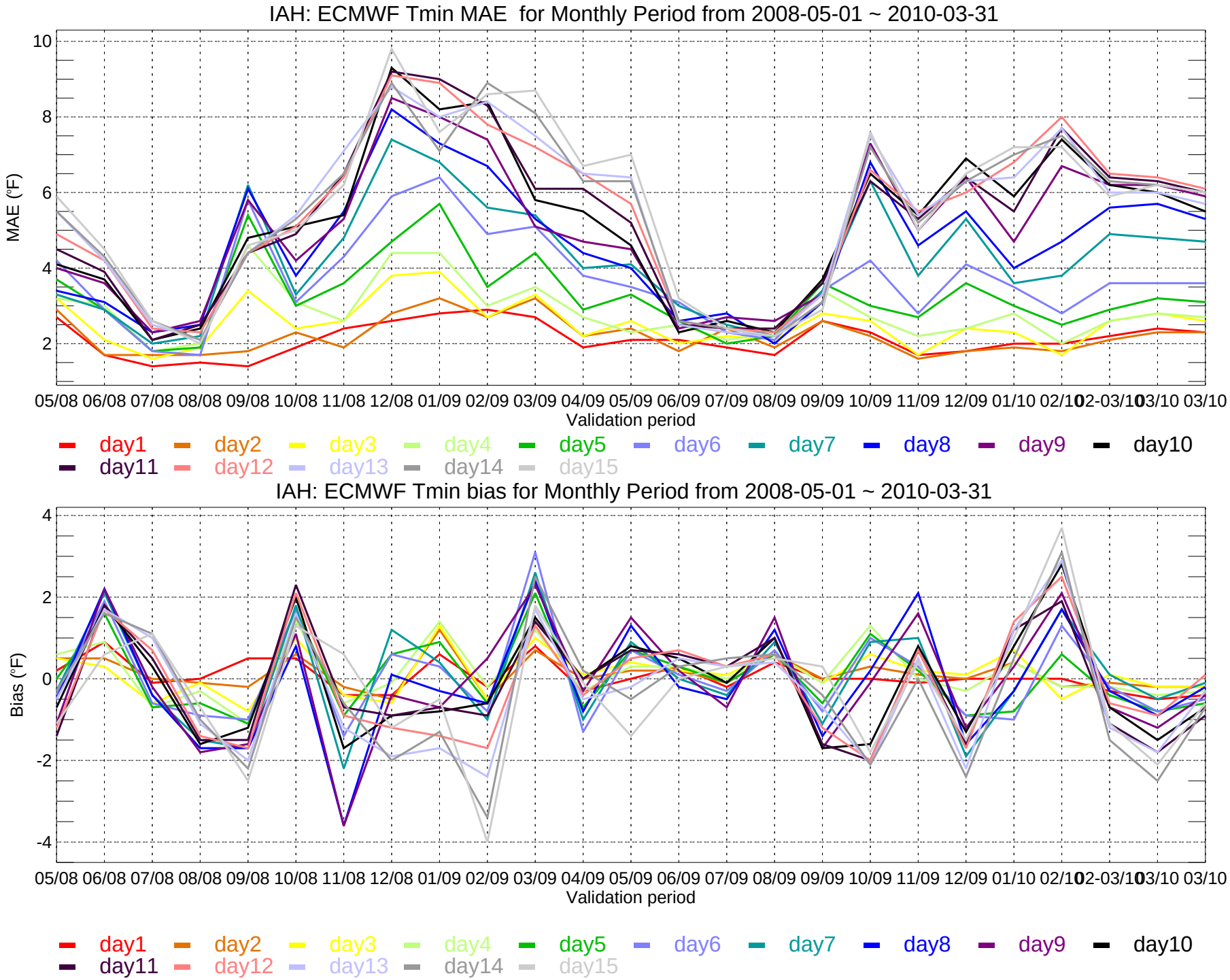

HOU: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

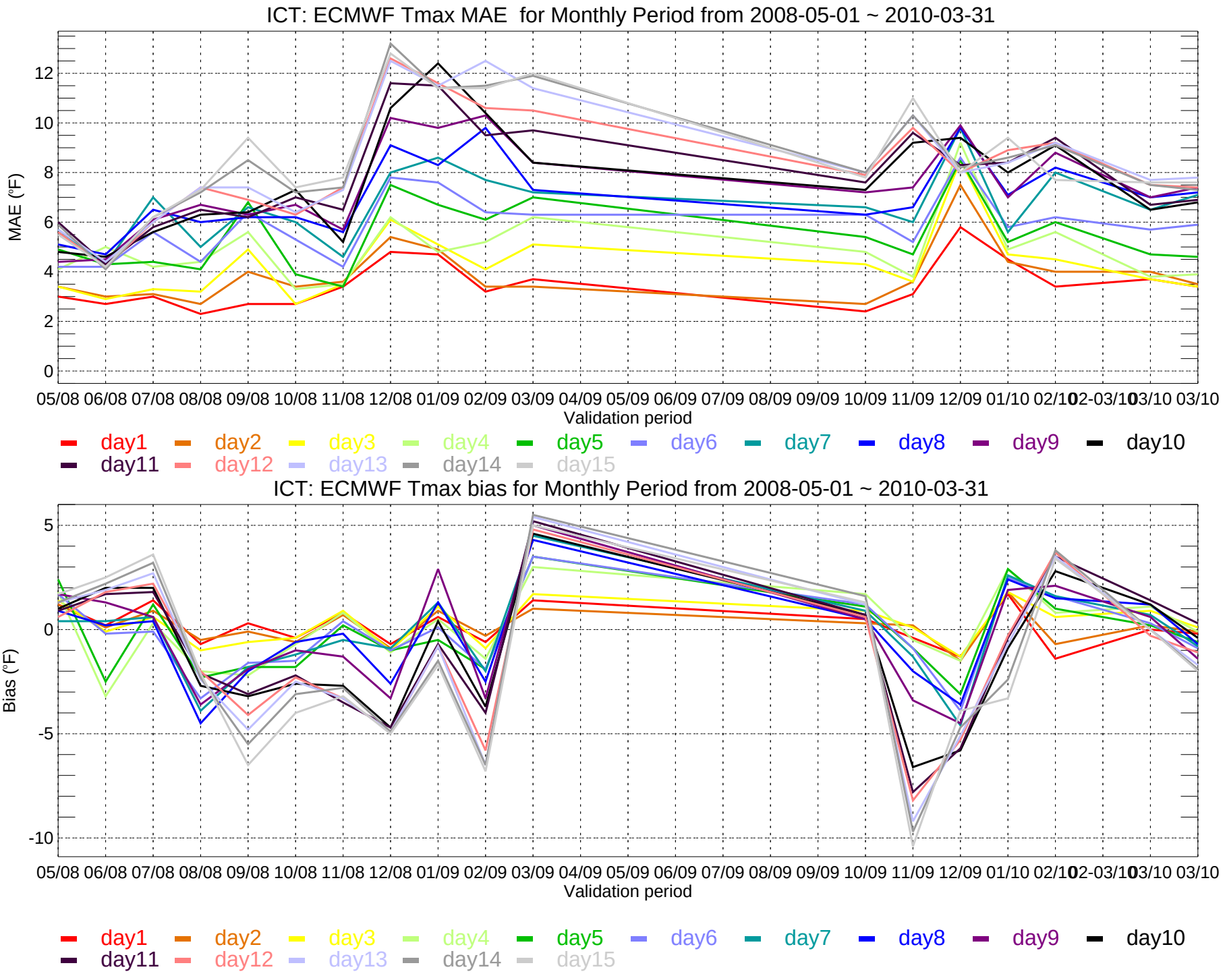

HOU: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
HOU: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

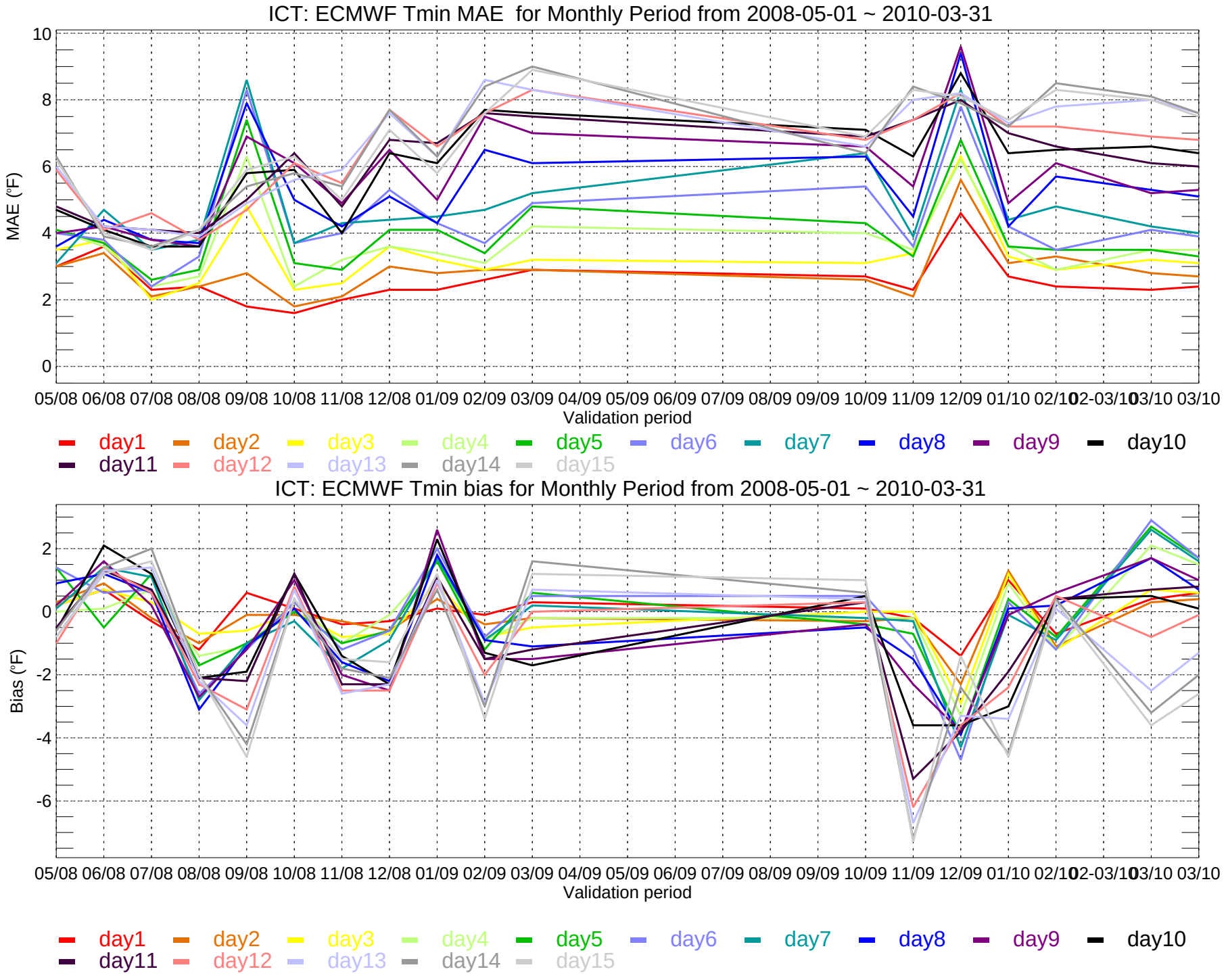

HSV: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
HSV: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

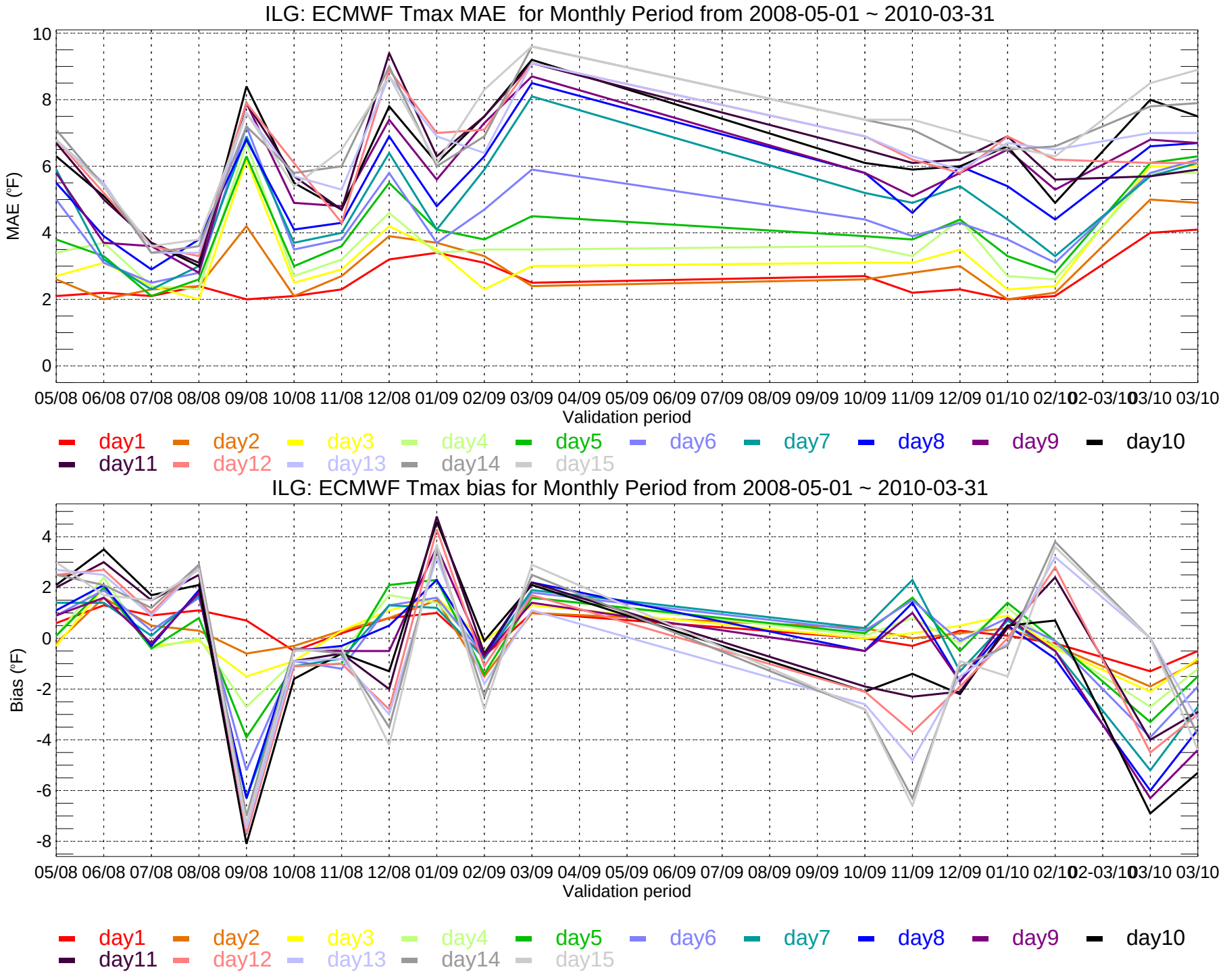

HSV: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
HSV: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

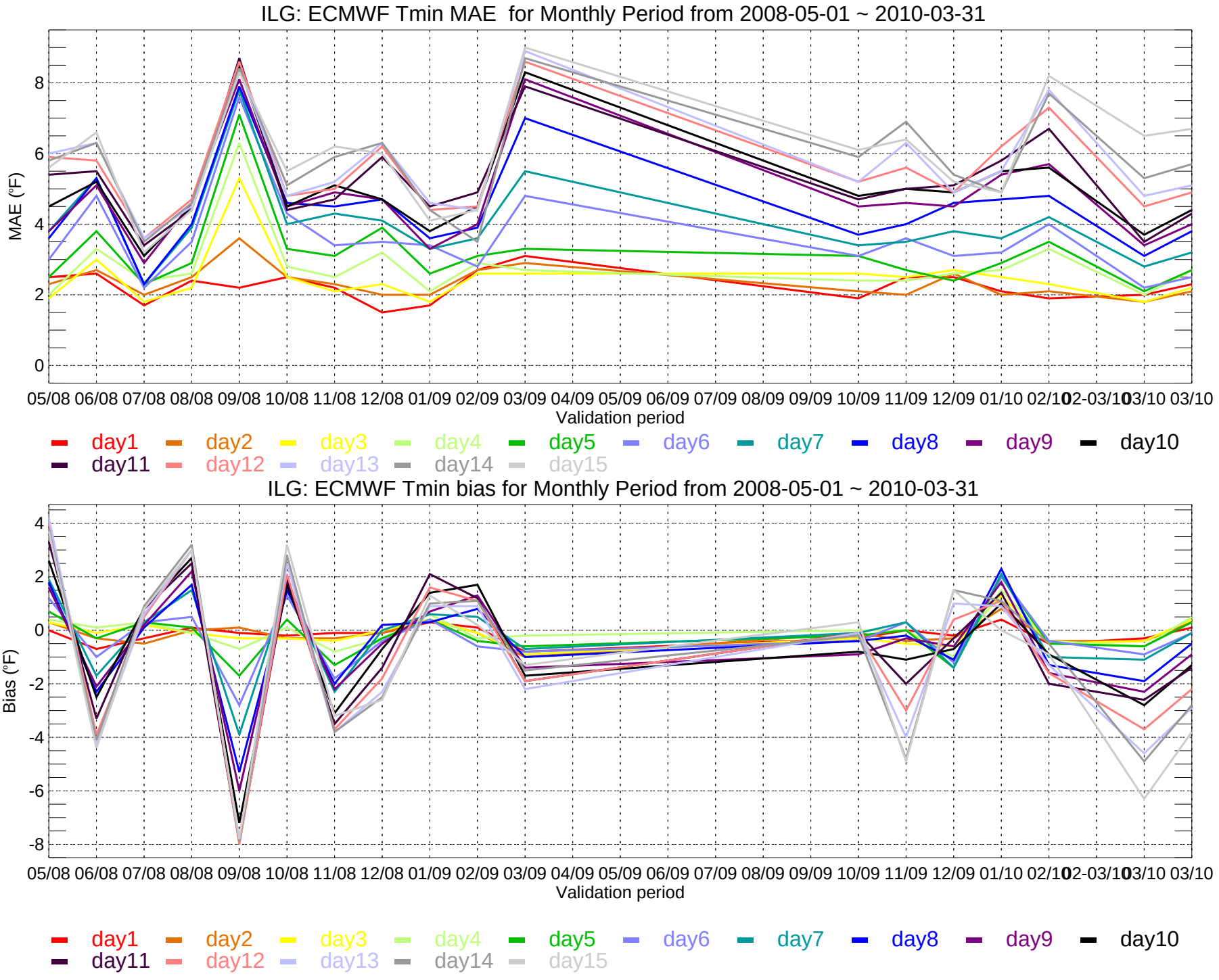

IAH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
IAH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

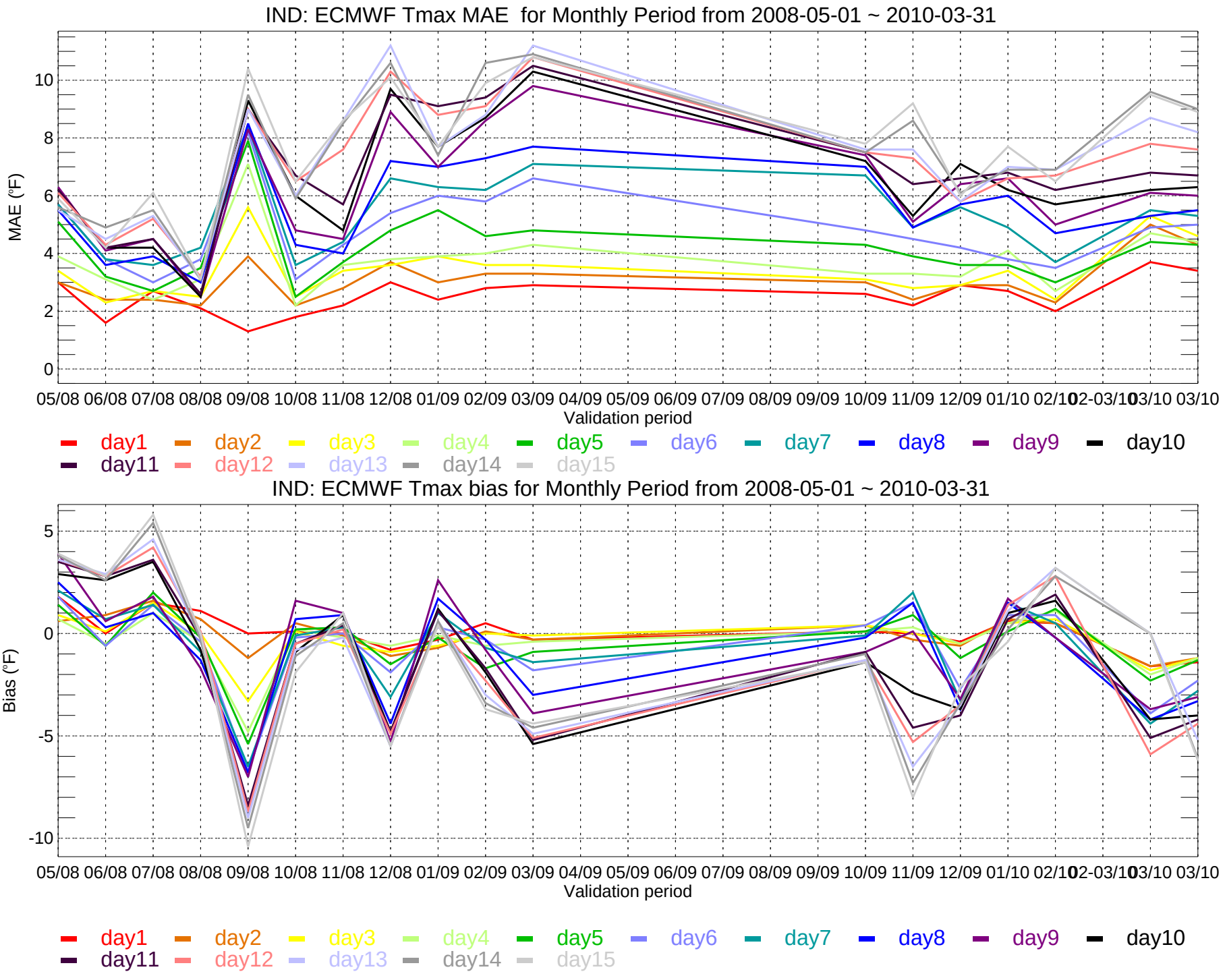

IAH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
IAH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

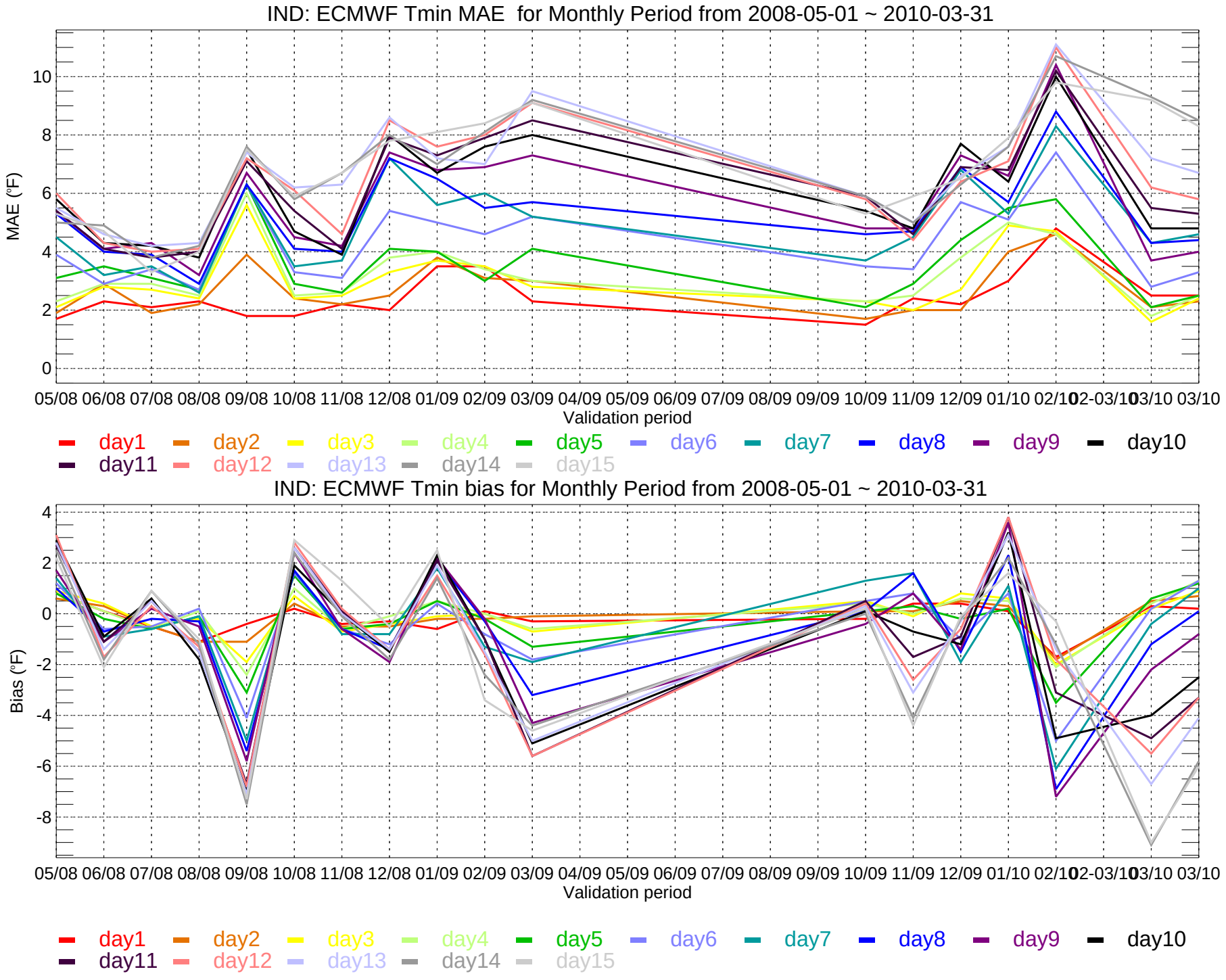

ICT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ICT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

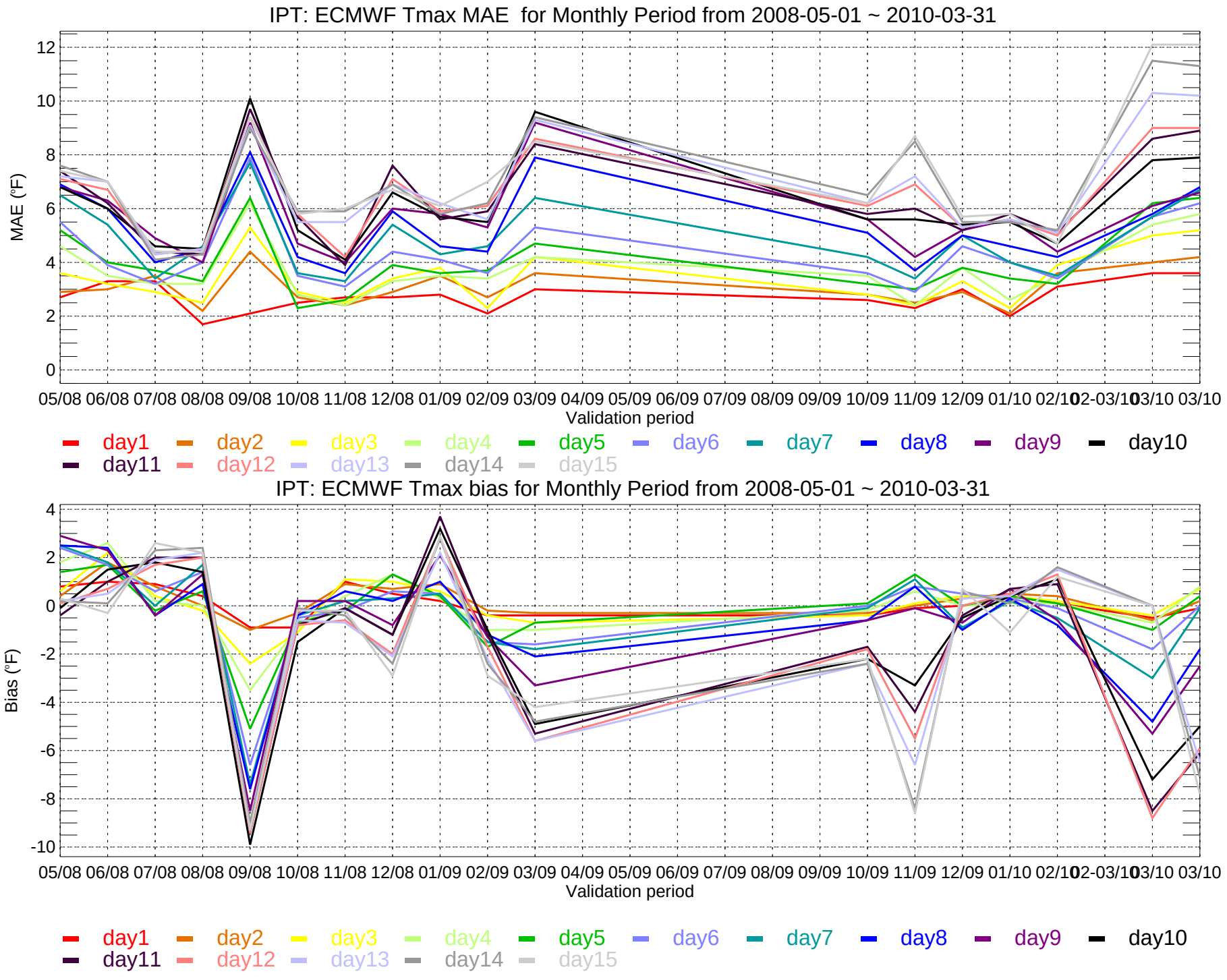

ICT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ICT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

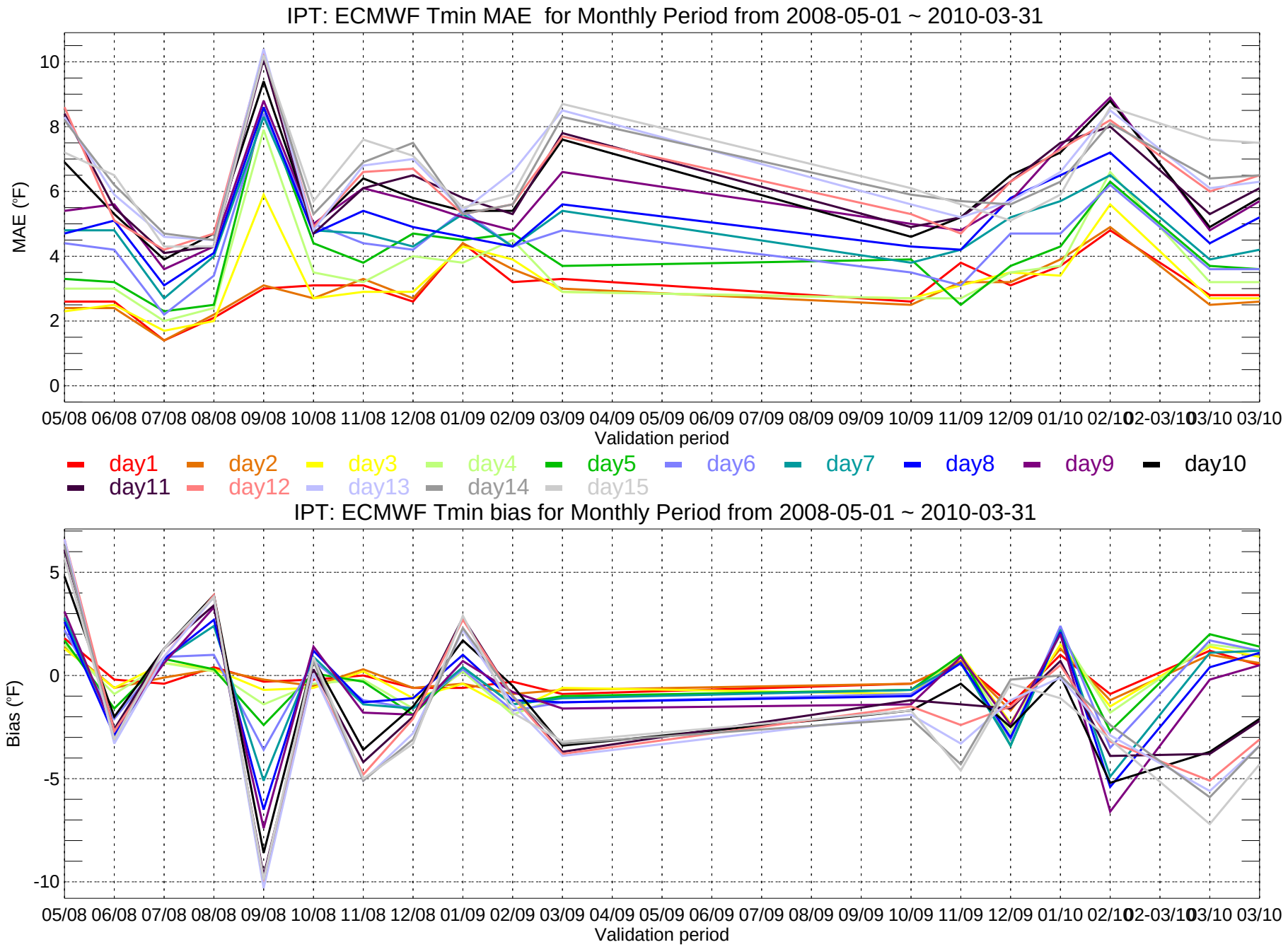

ILG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ILG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

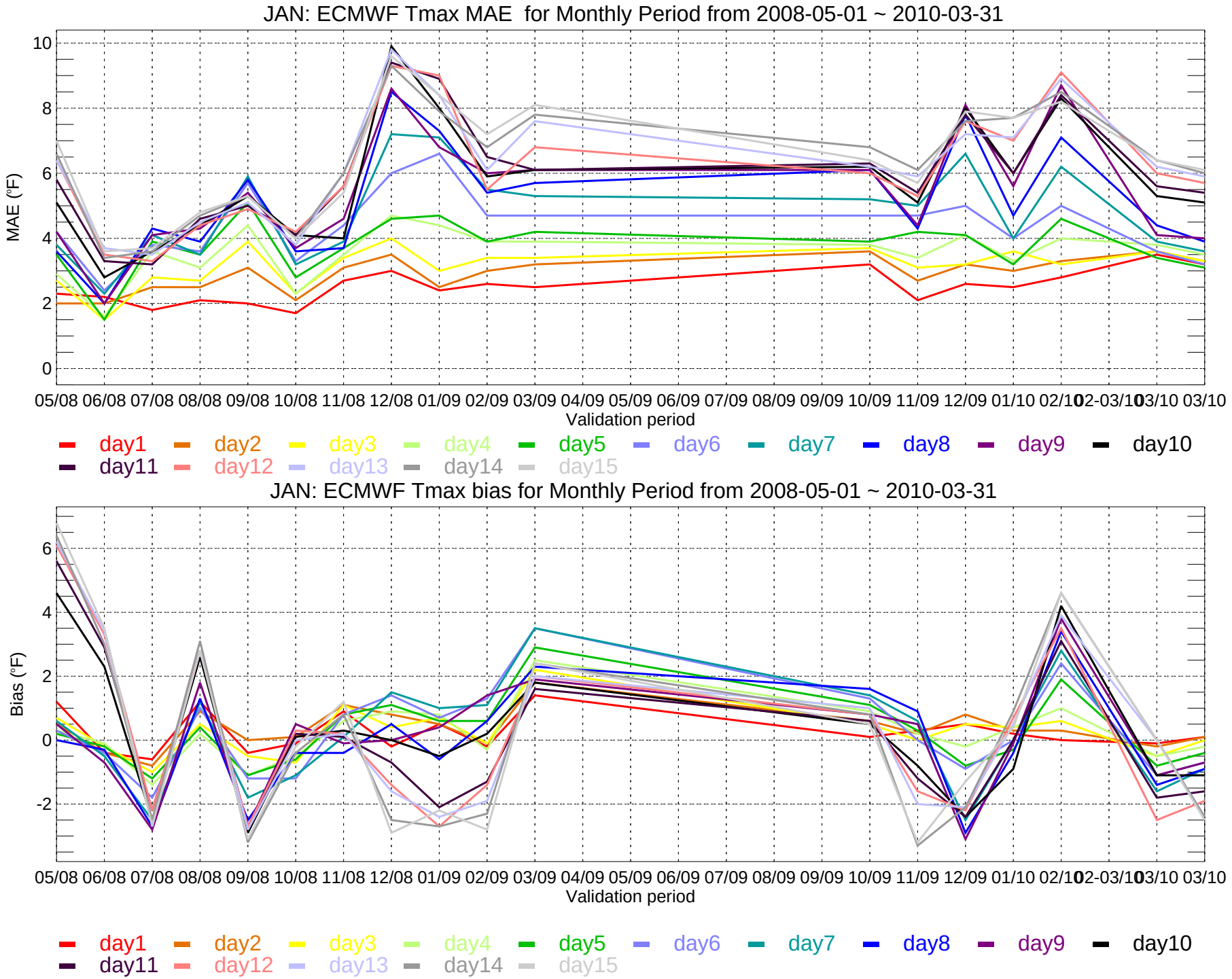

ILG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ILG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

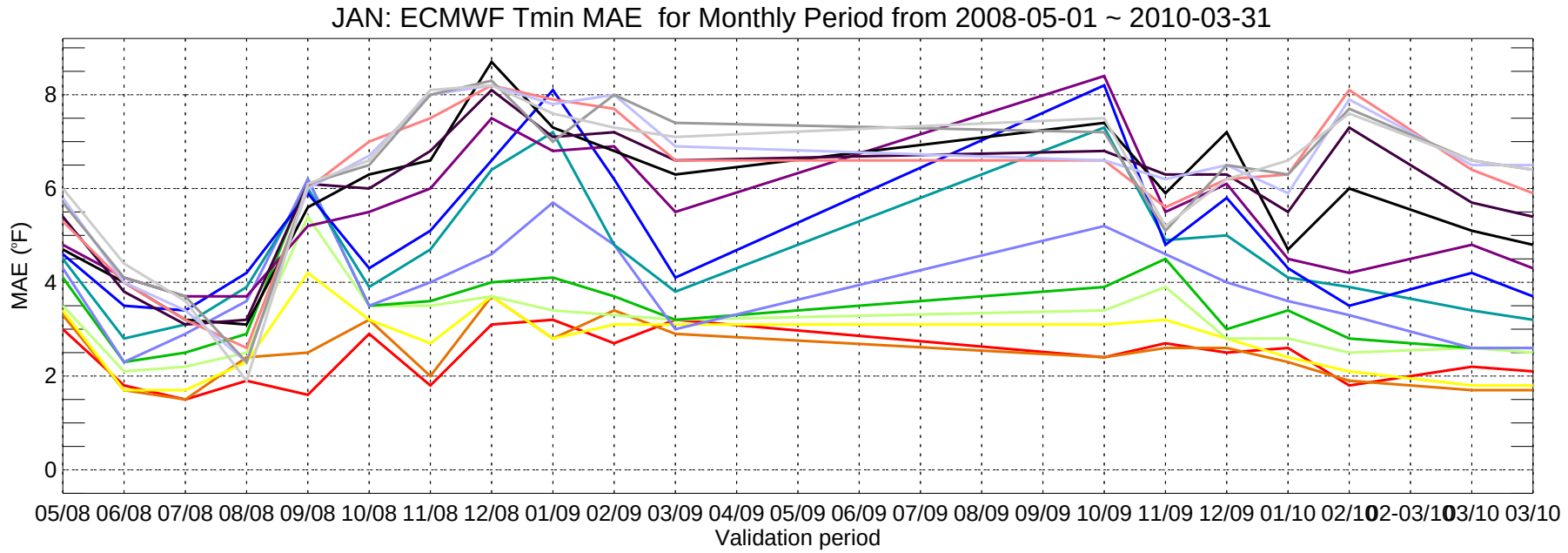

IND: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
IND: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

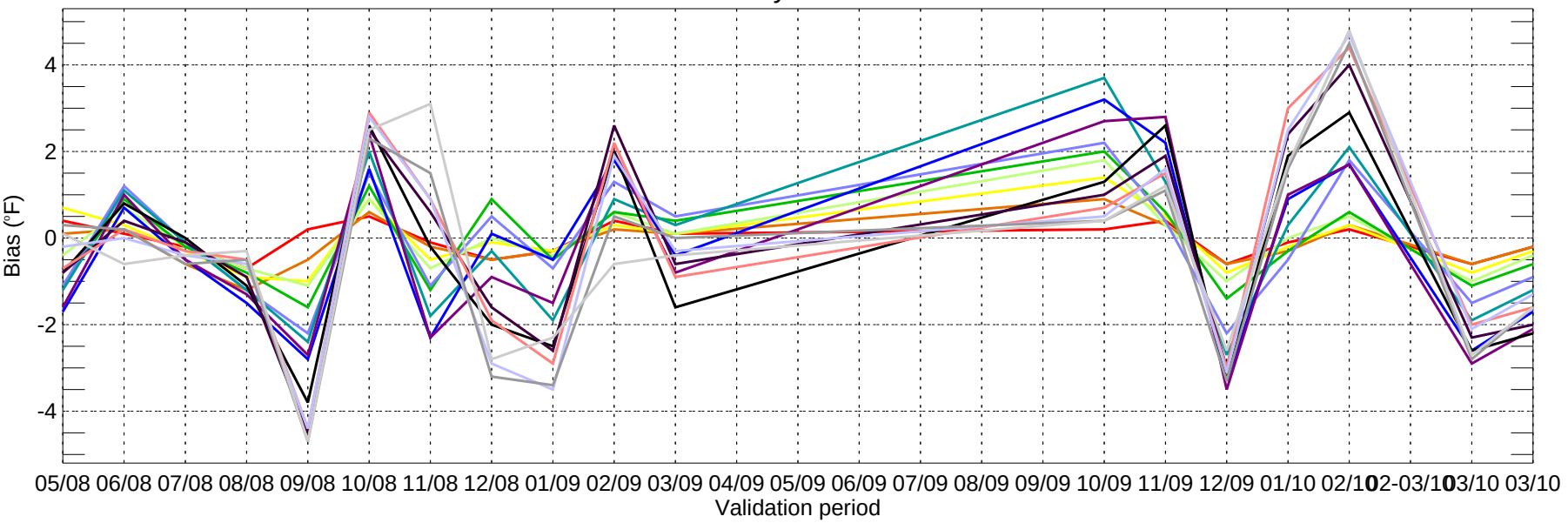

IND: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
IND: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

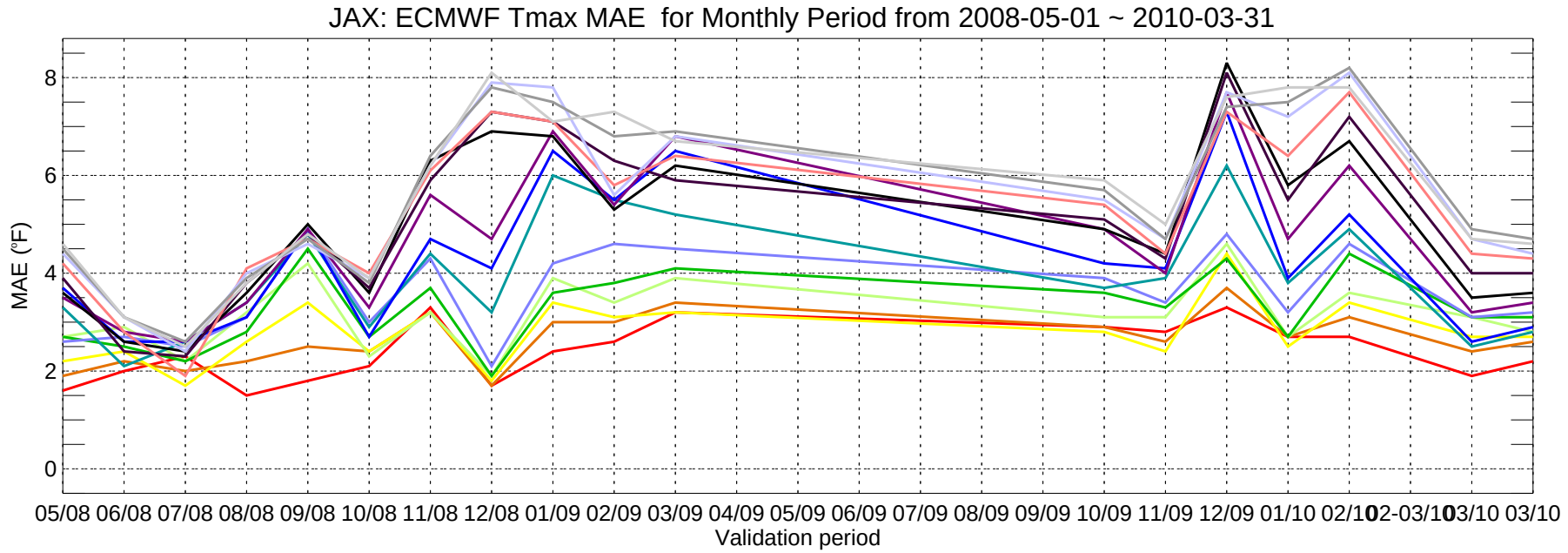

IPT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
IPT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

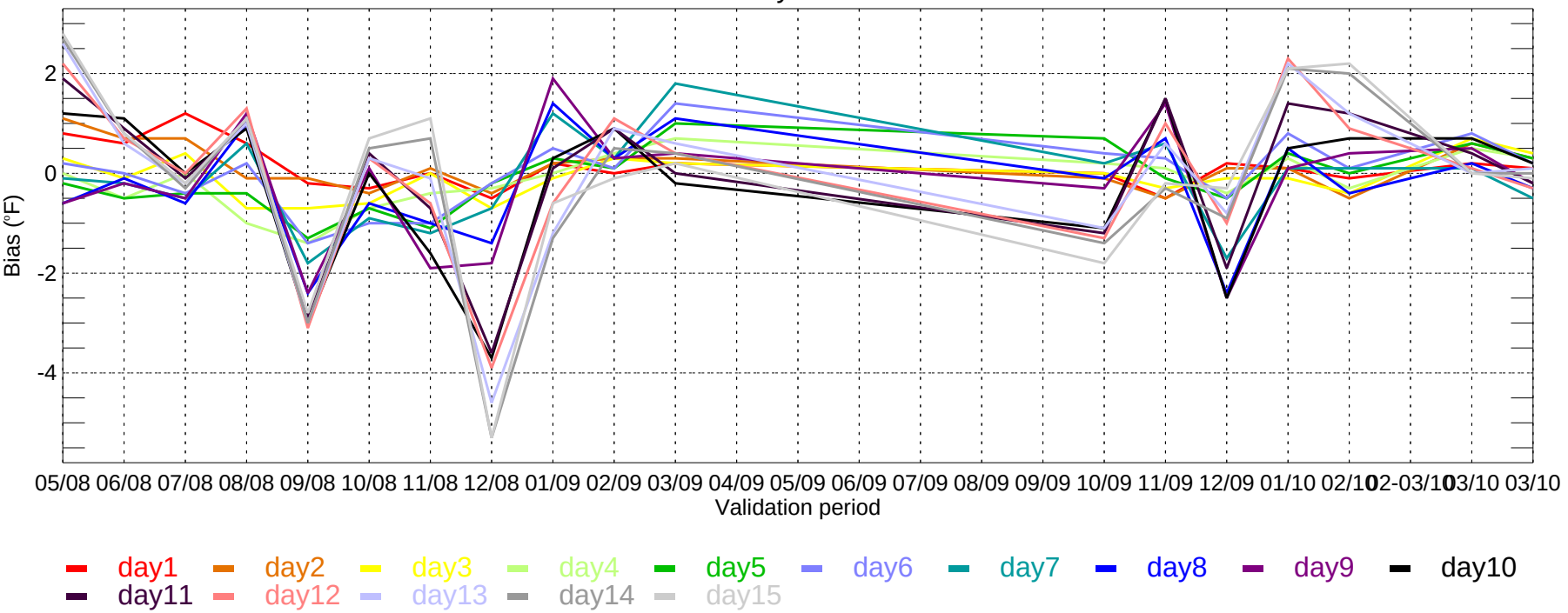

IPT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
IPT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

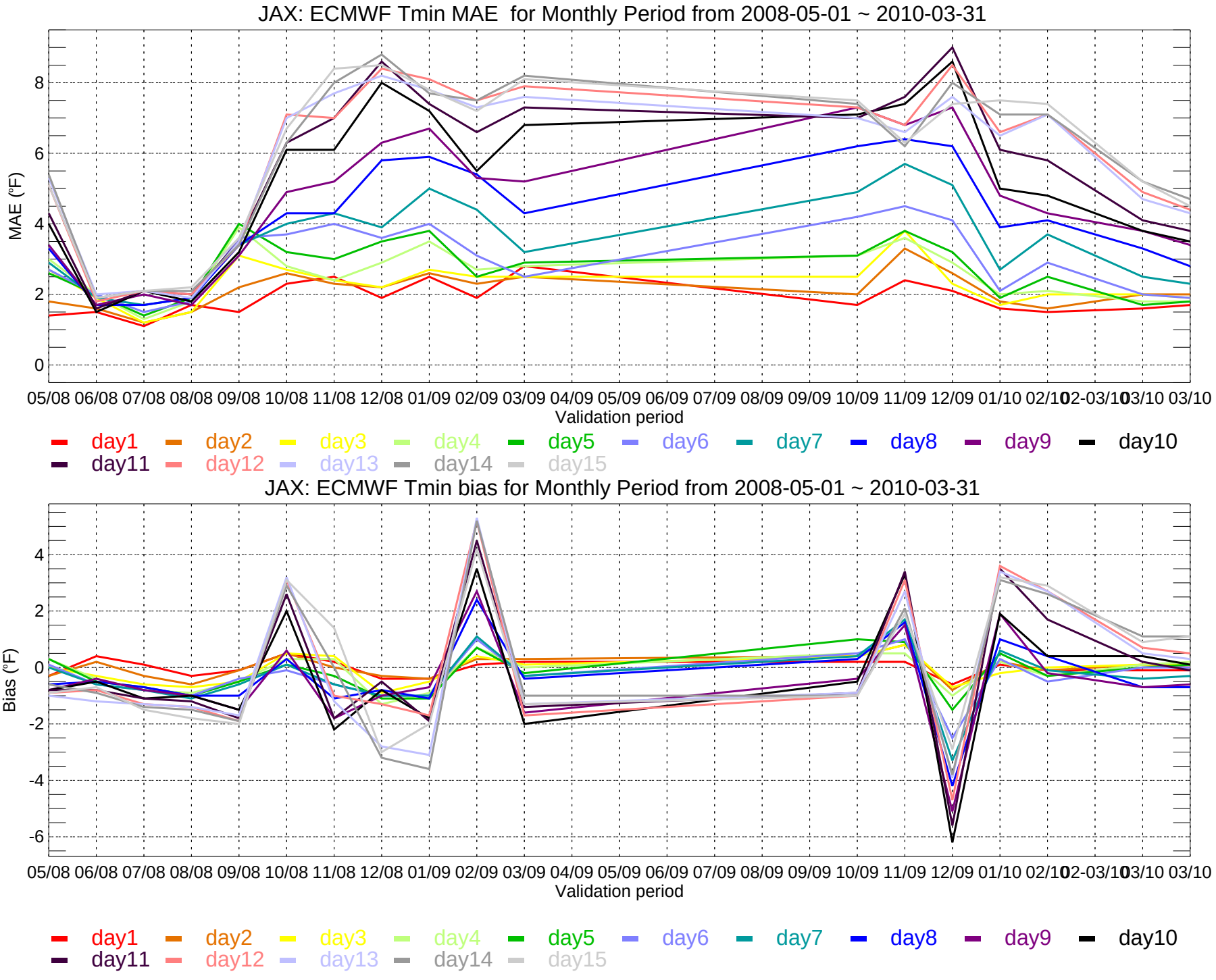

JAN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
JAN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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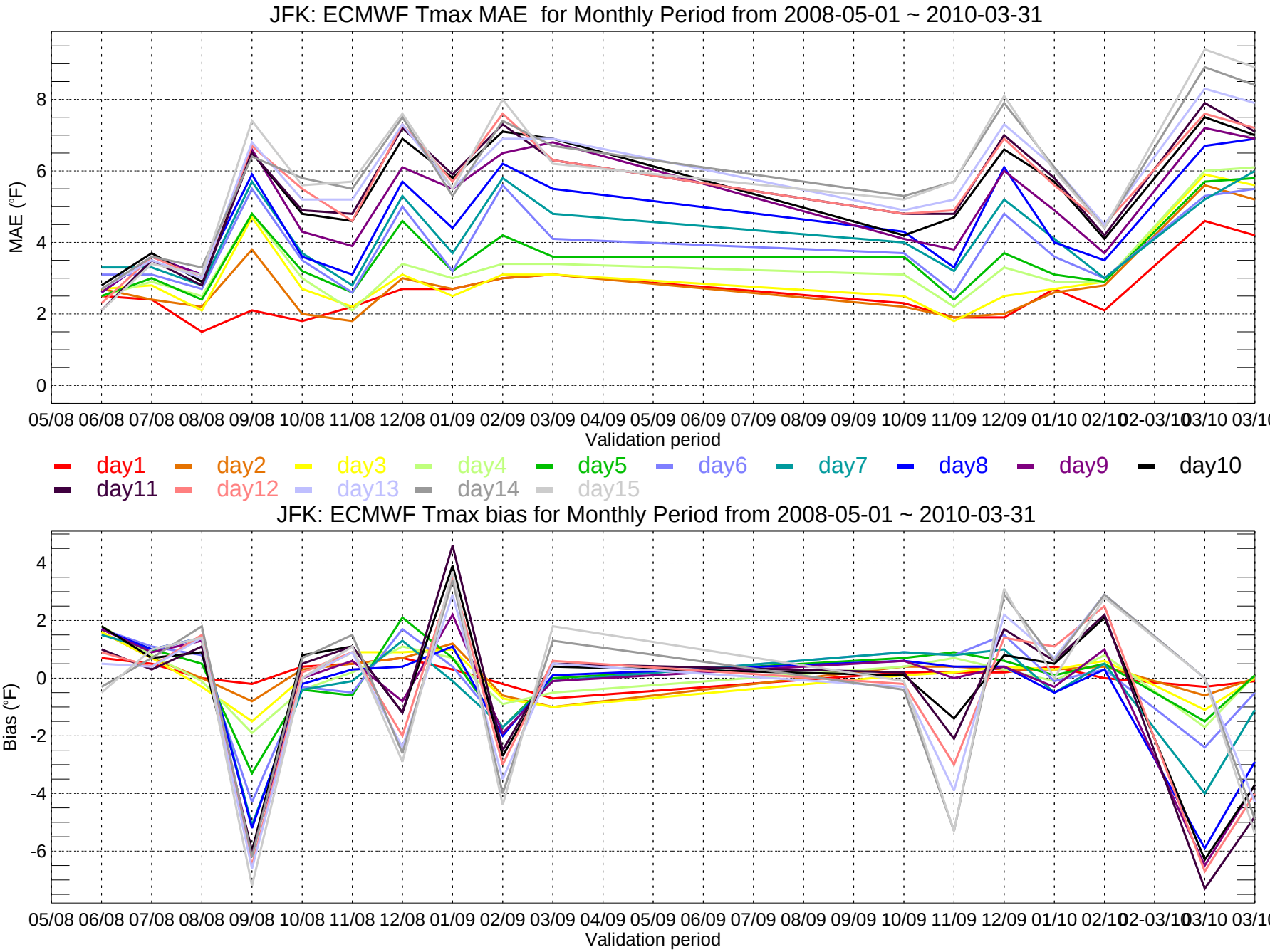
day11 day12 day13 day14 day15


JFK: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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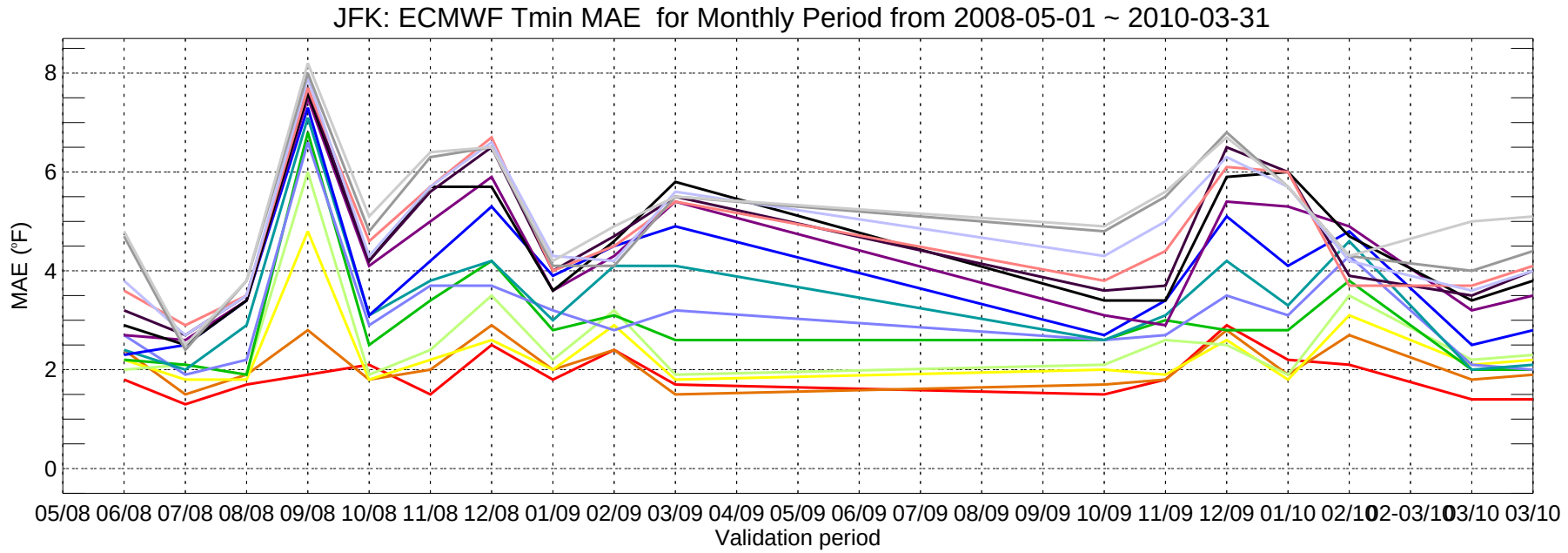
JFK: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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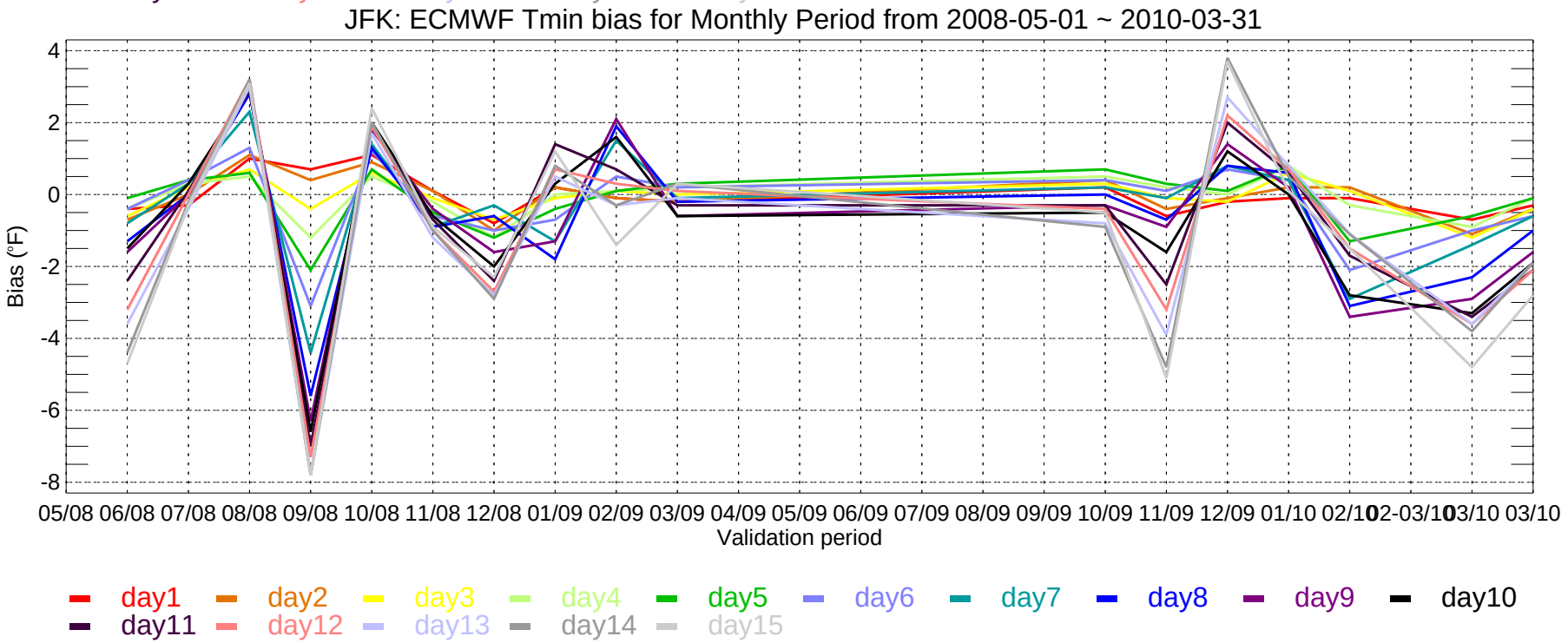
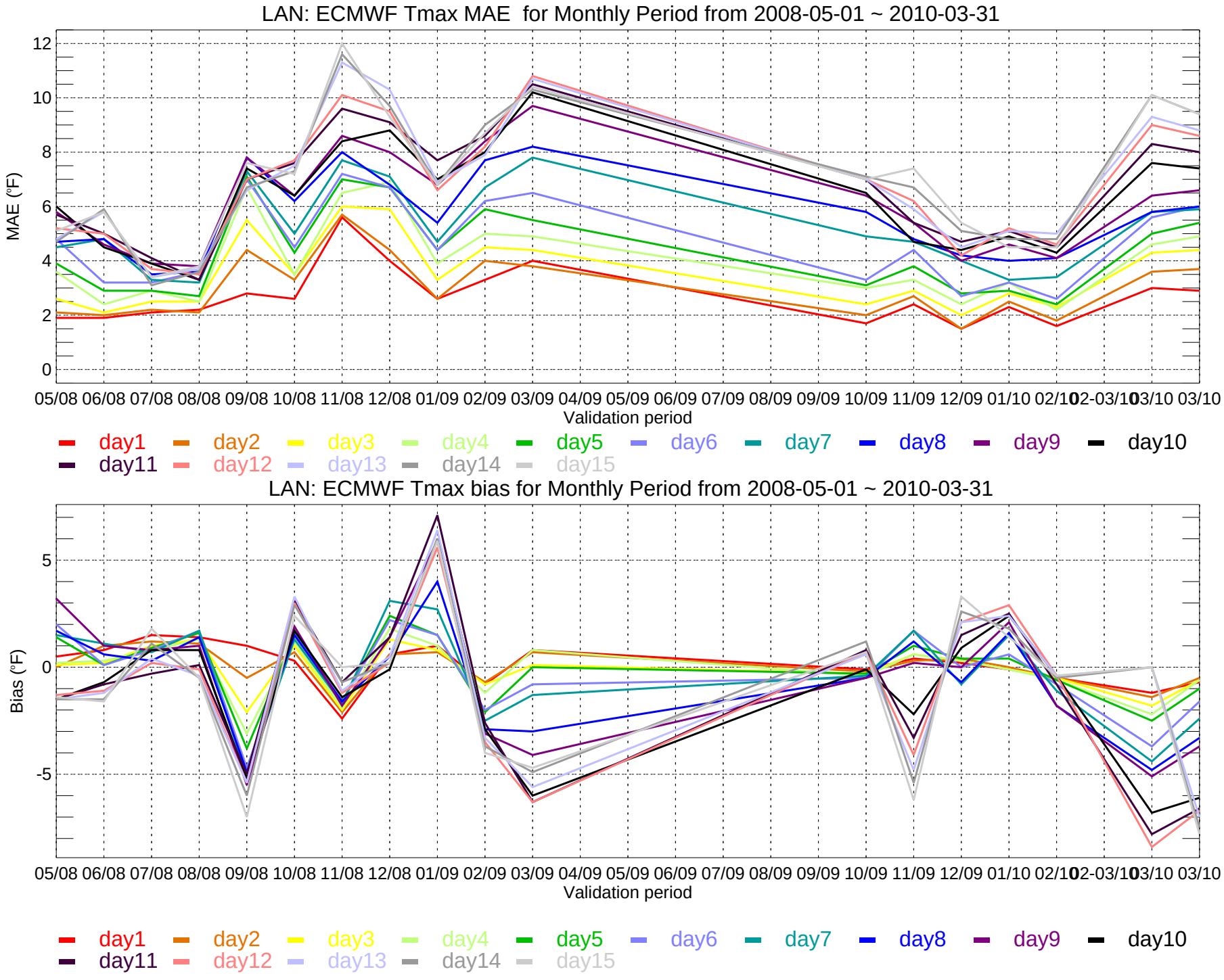
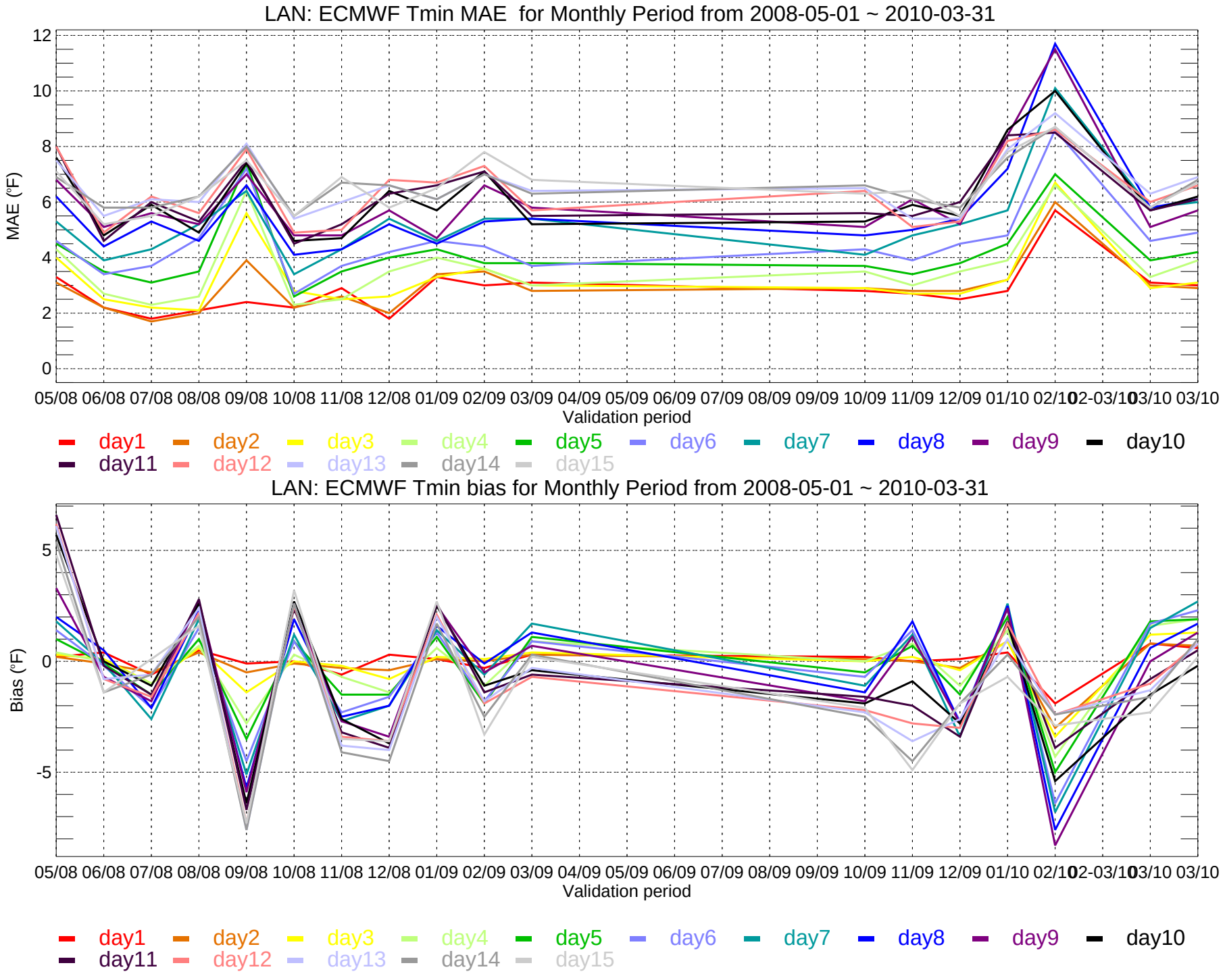

JFK: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


LAN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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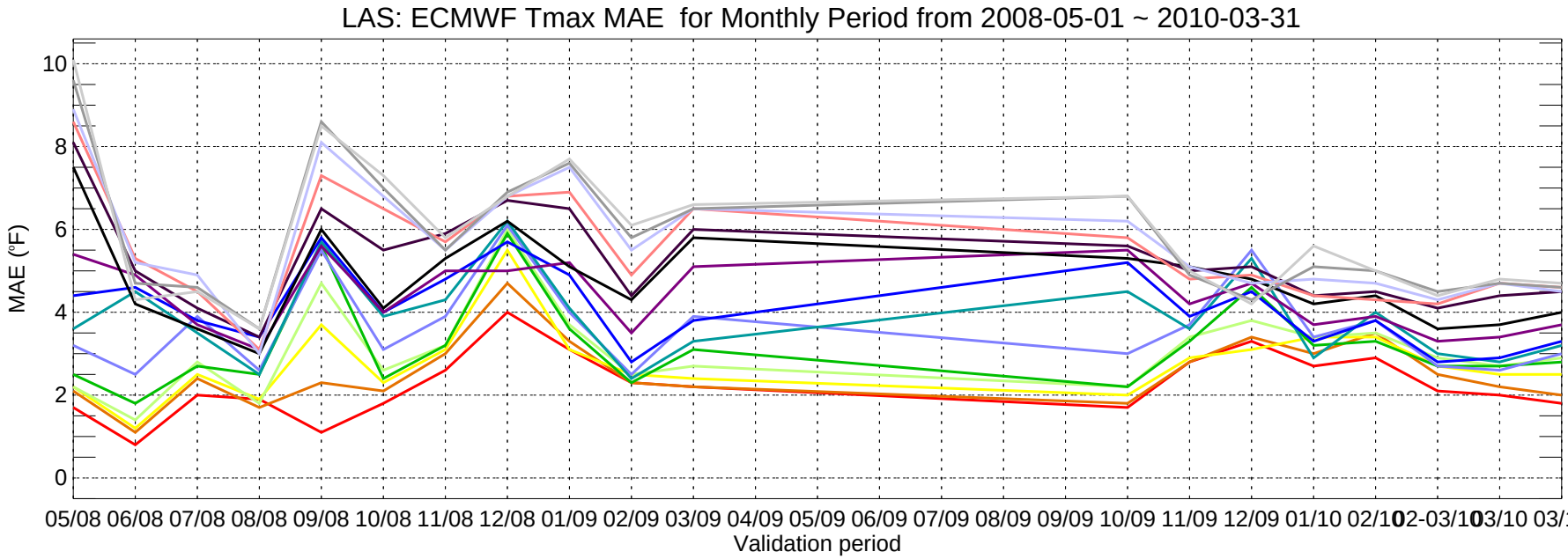
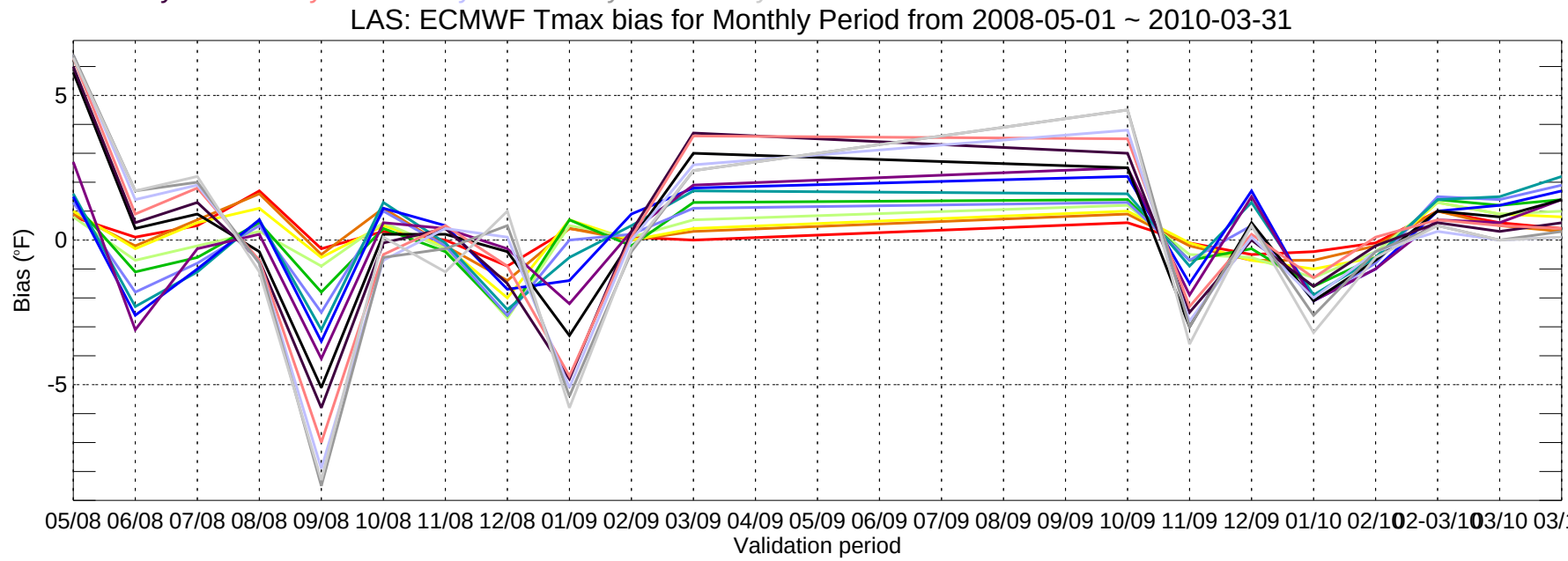
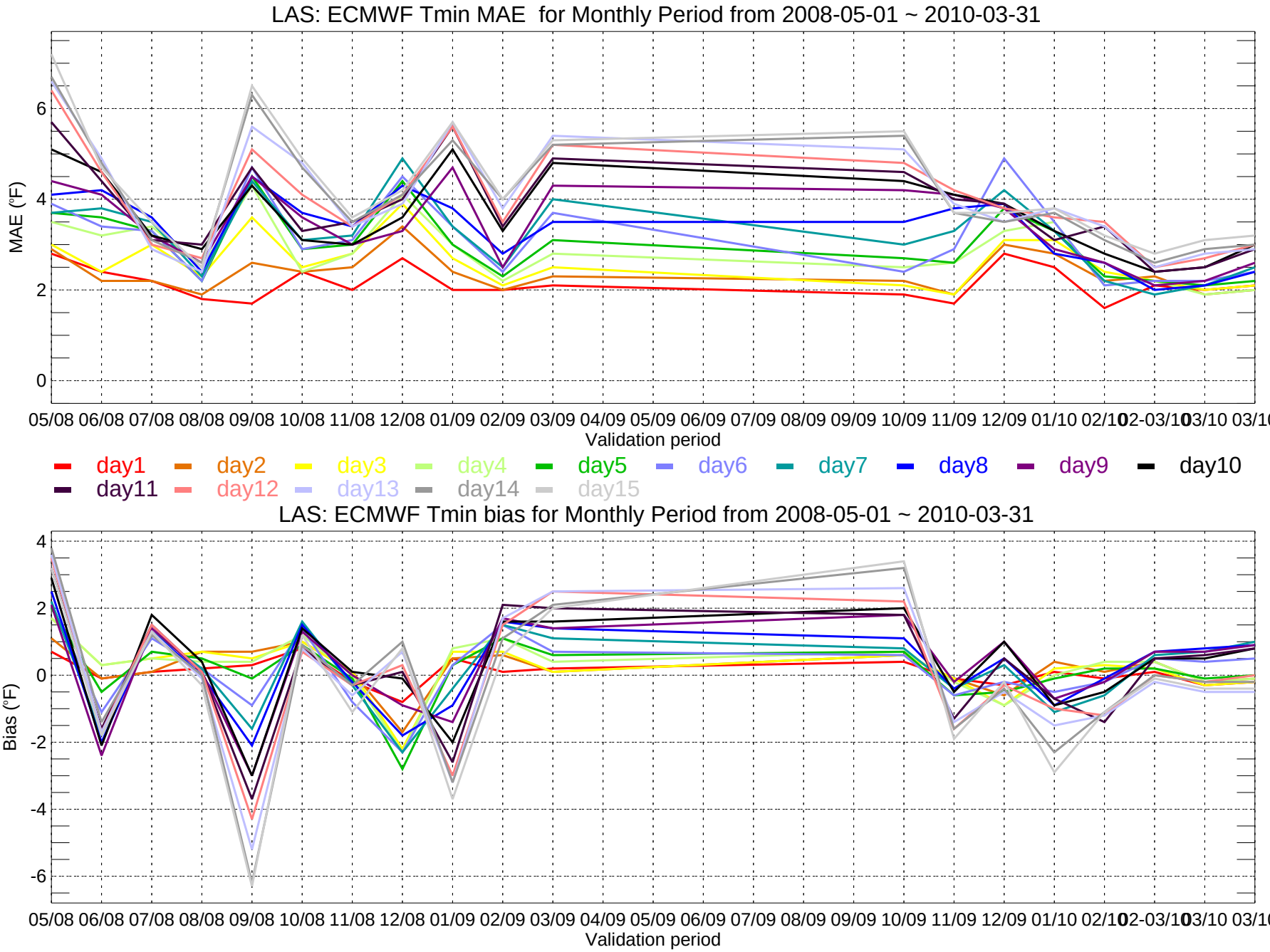
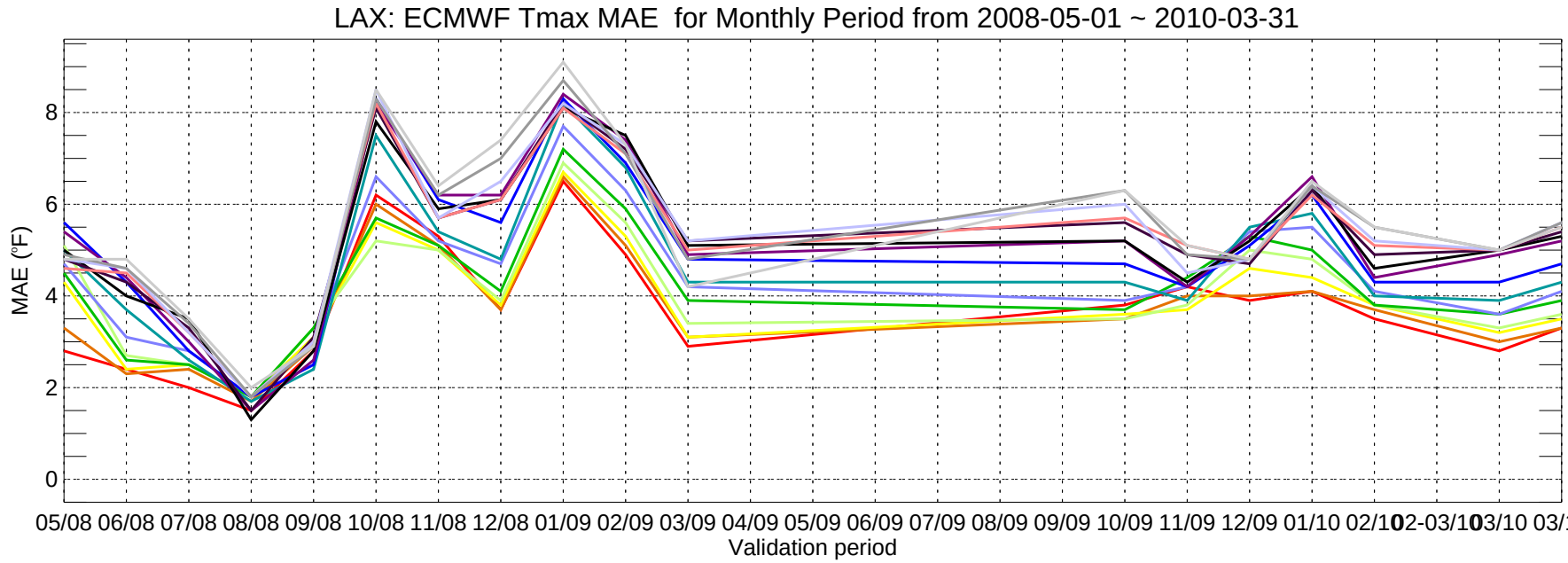

LAS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


LAS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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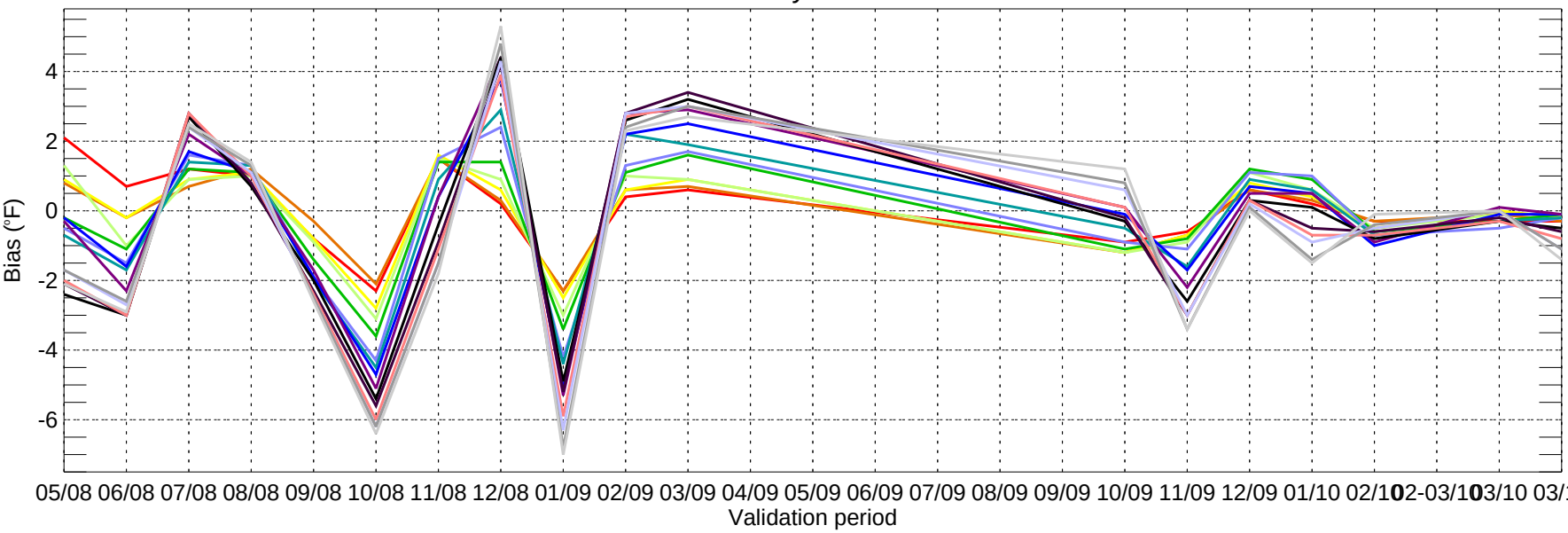
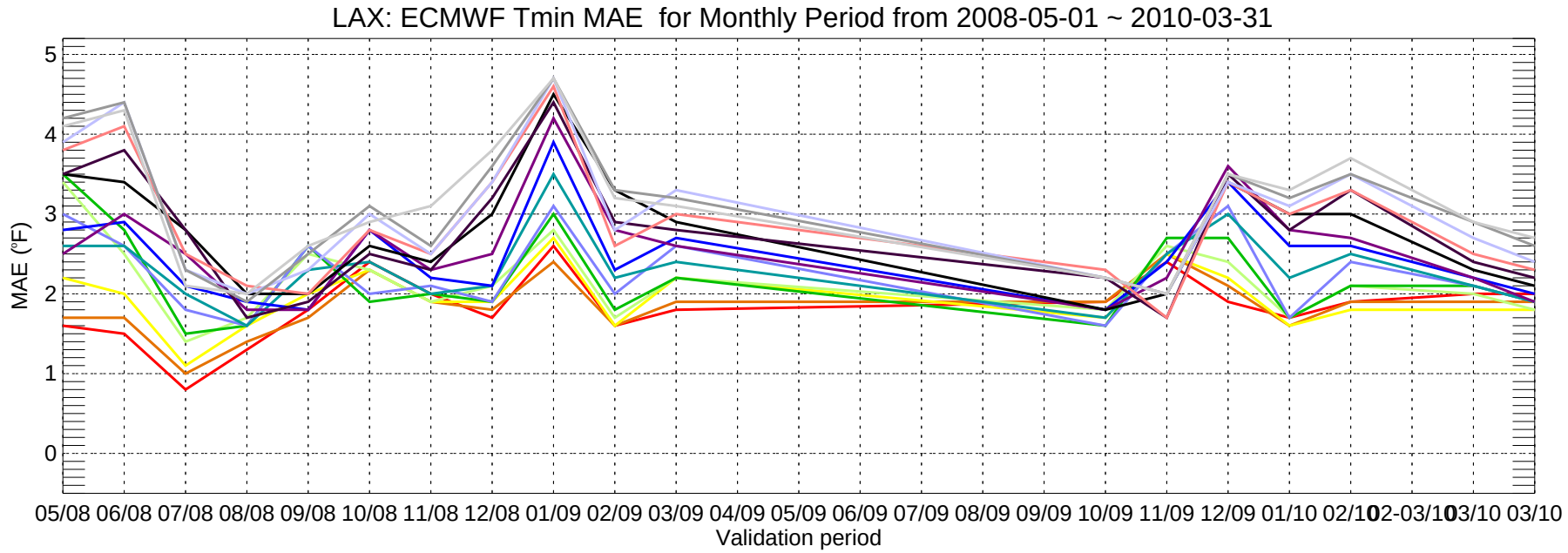
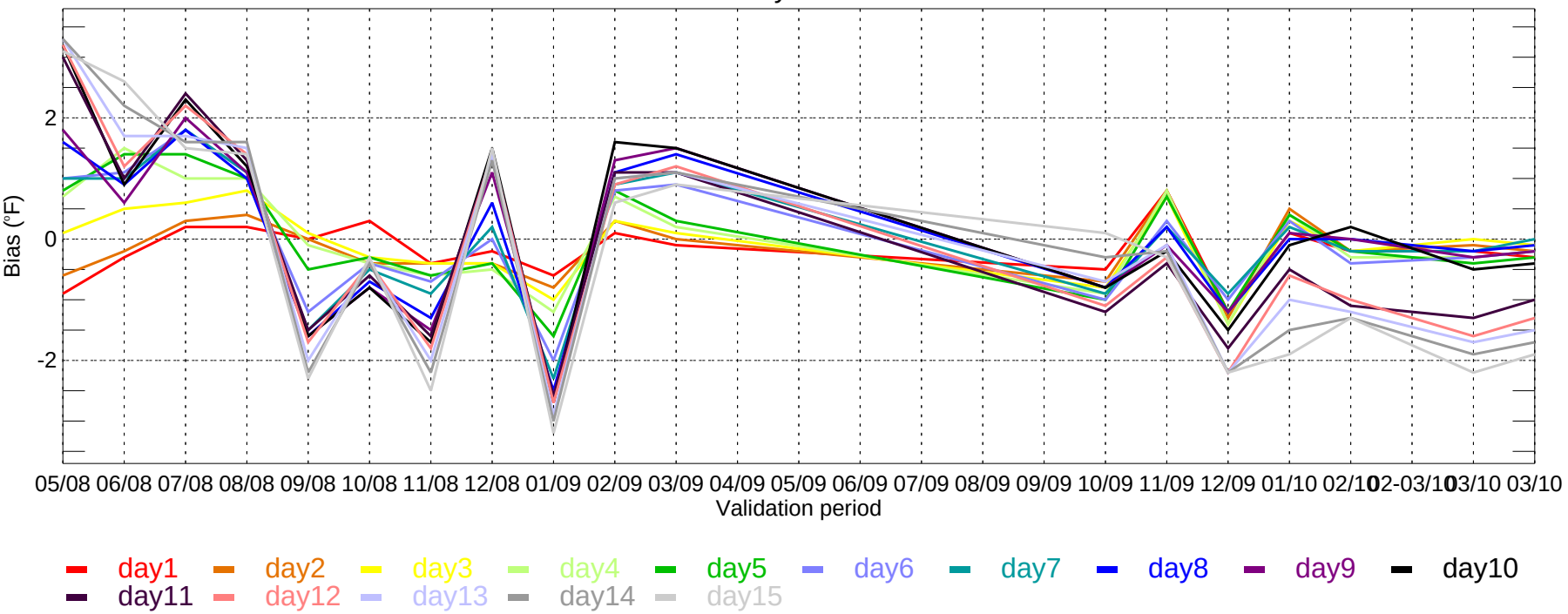
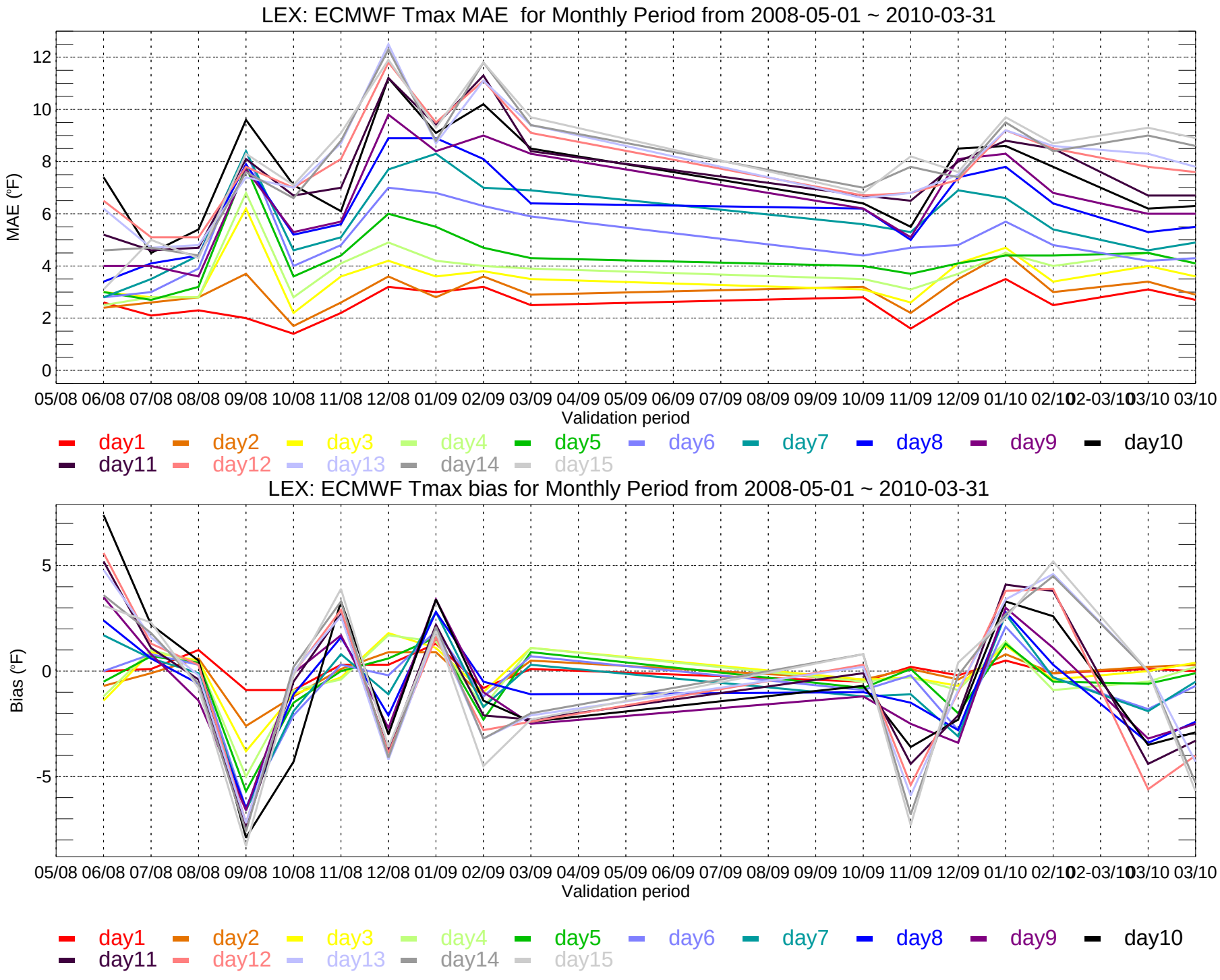

LAX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


LAX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
1
2
3
4
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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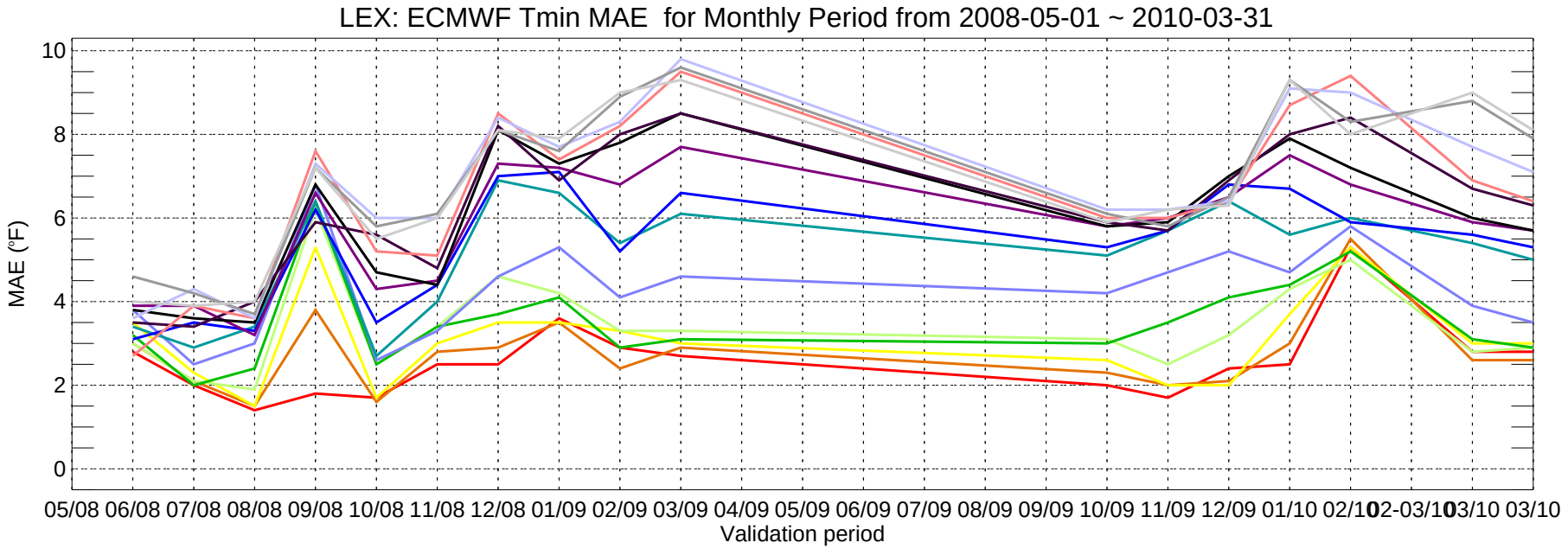
LEX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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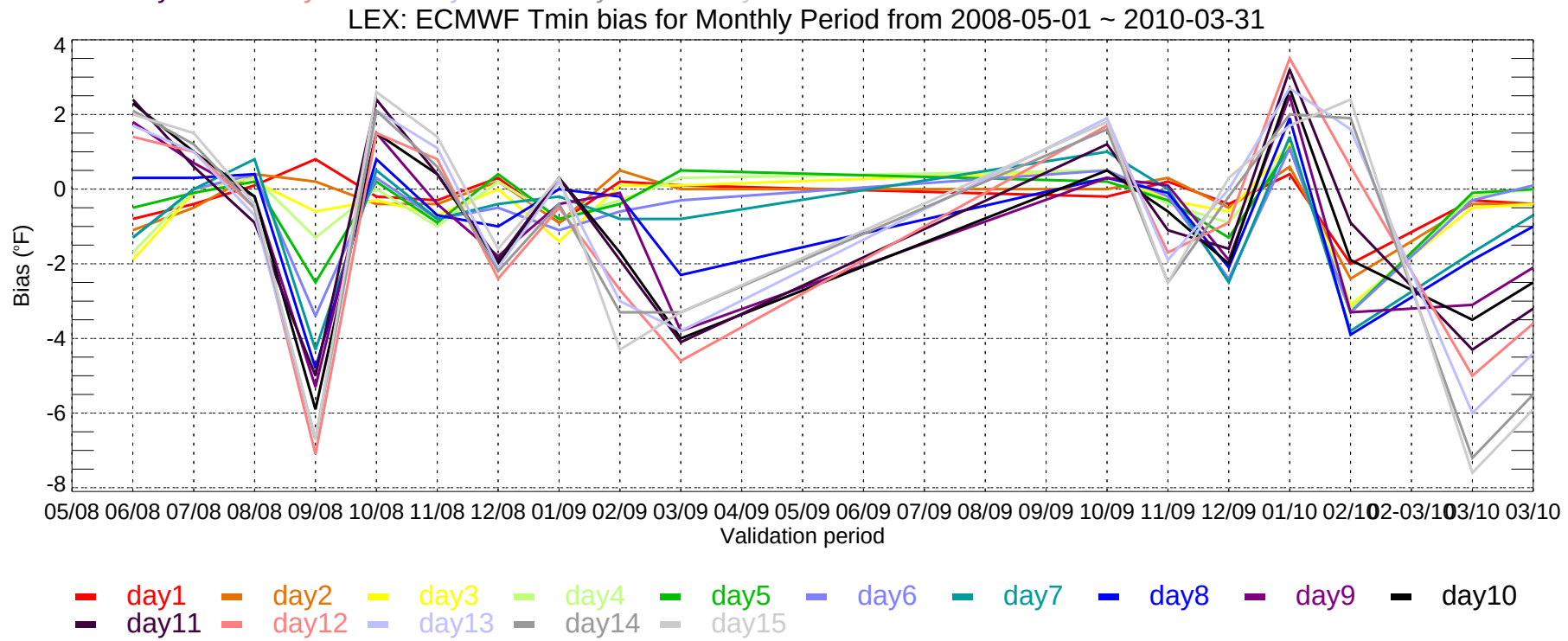
LEX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
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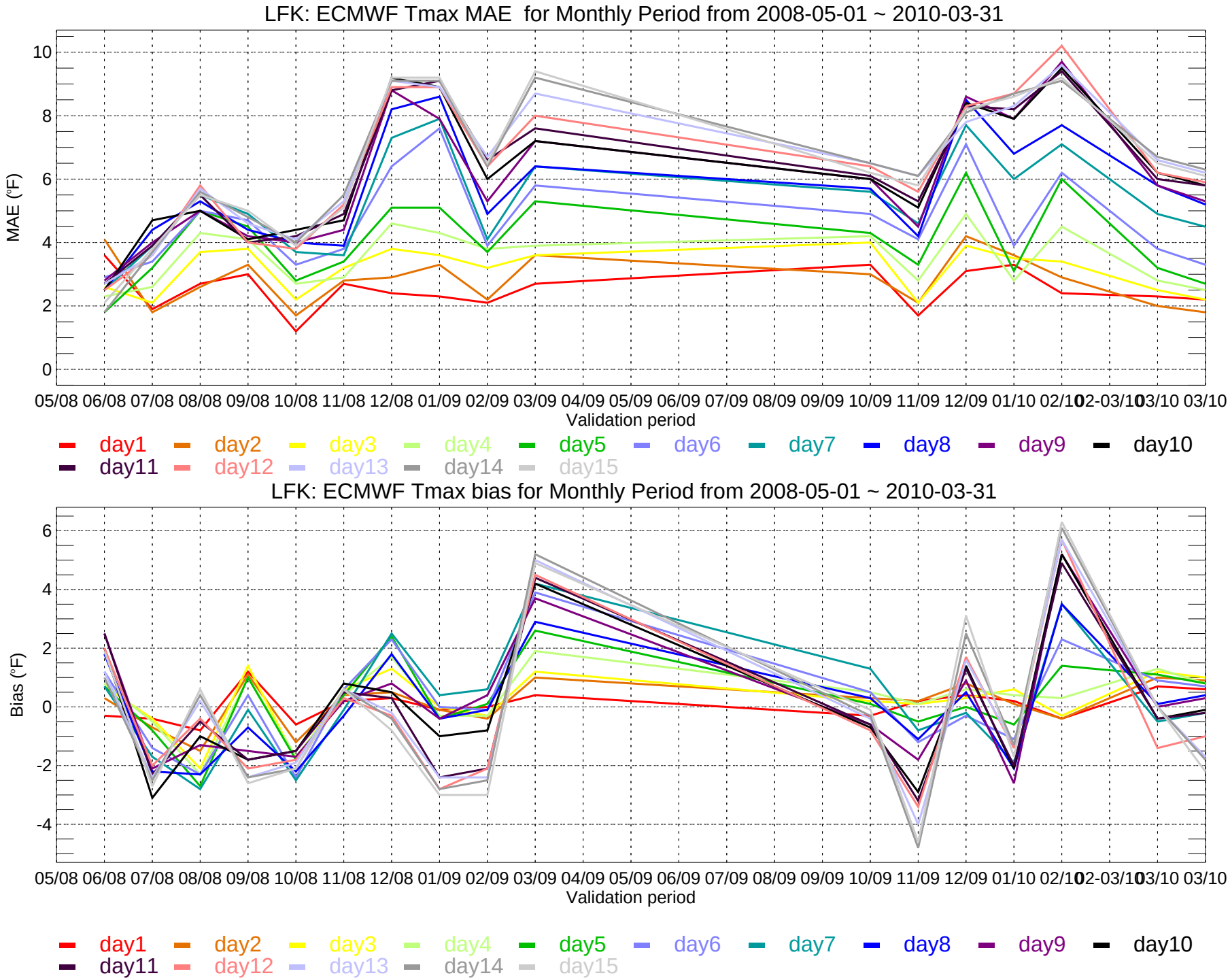
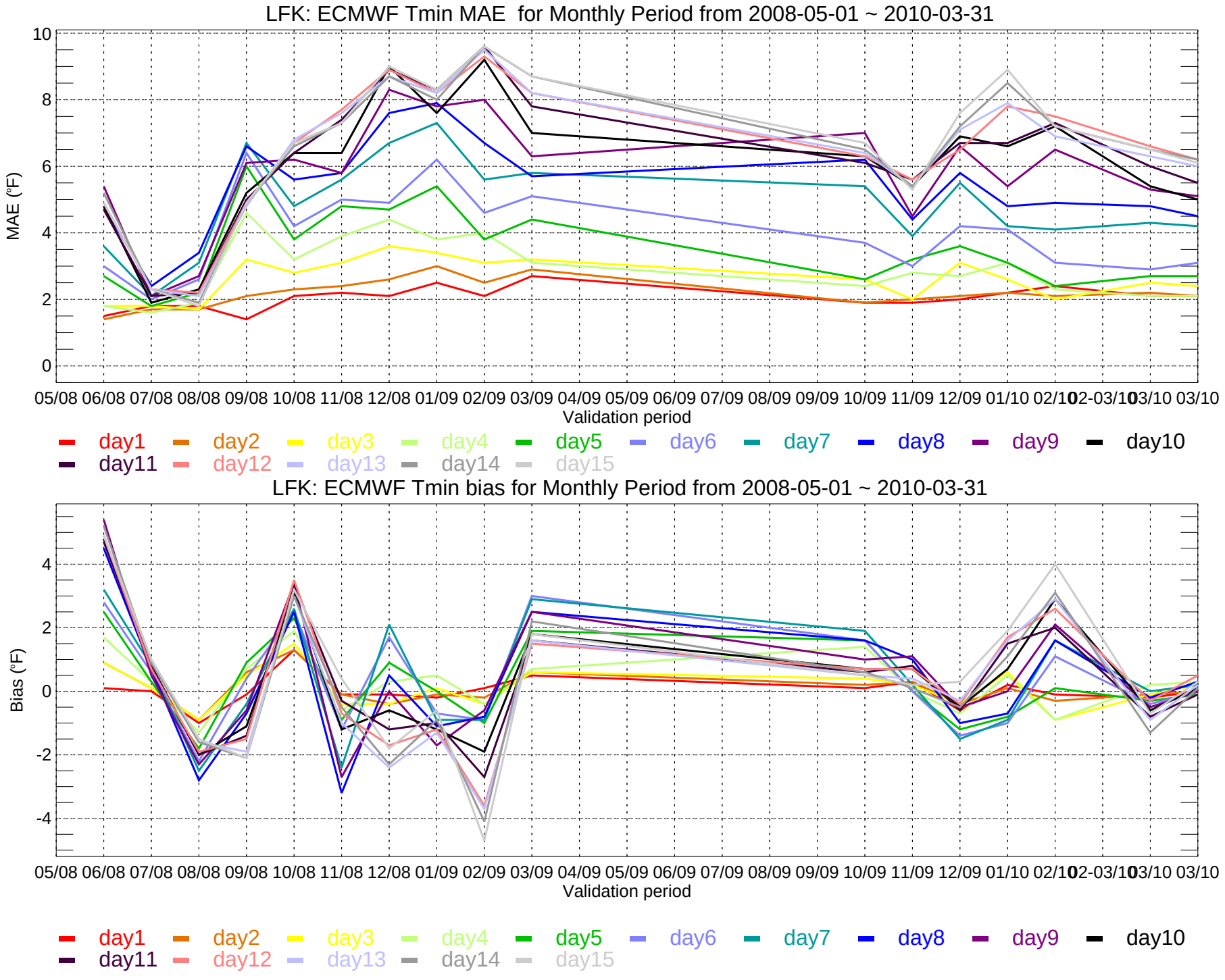
day11 day12 day13 day14 day15


LFK: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
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 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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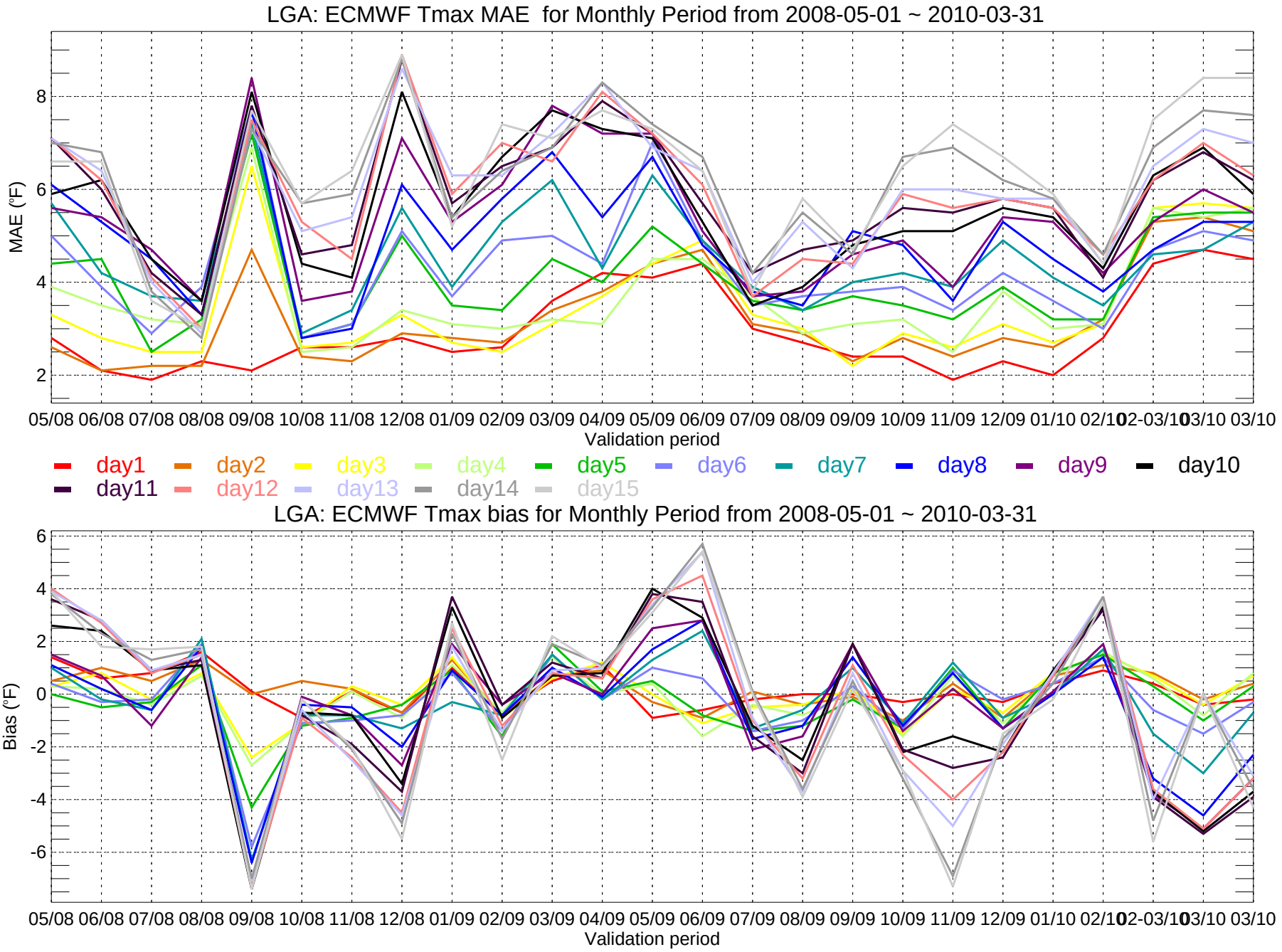
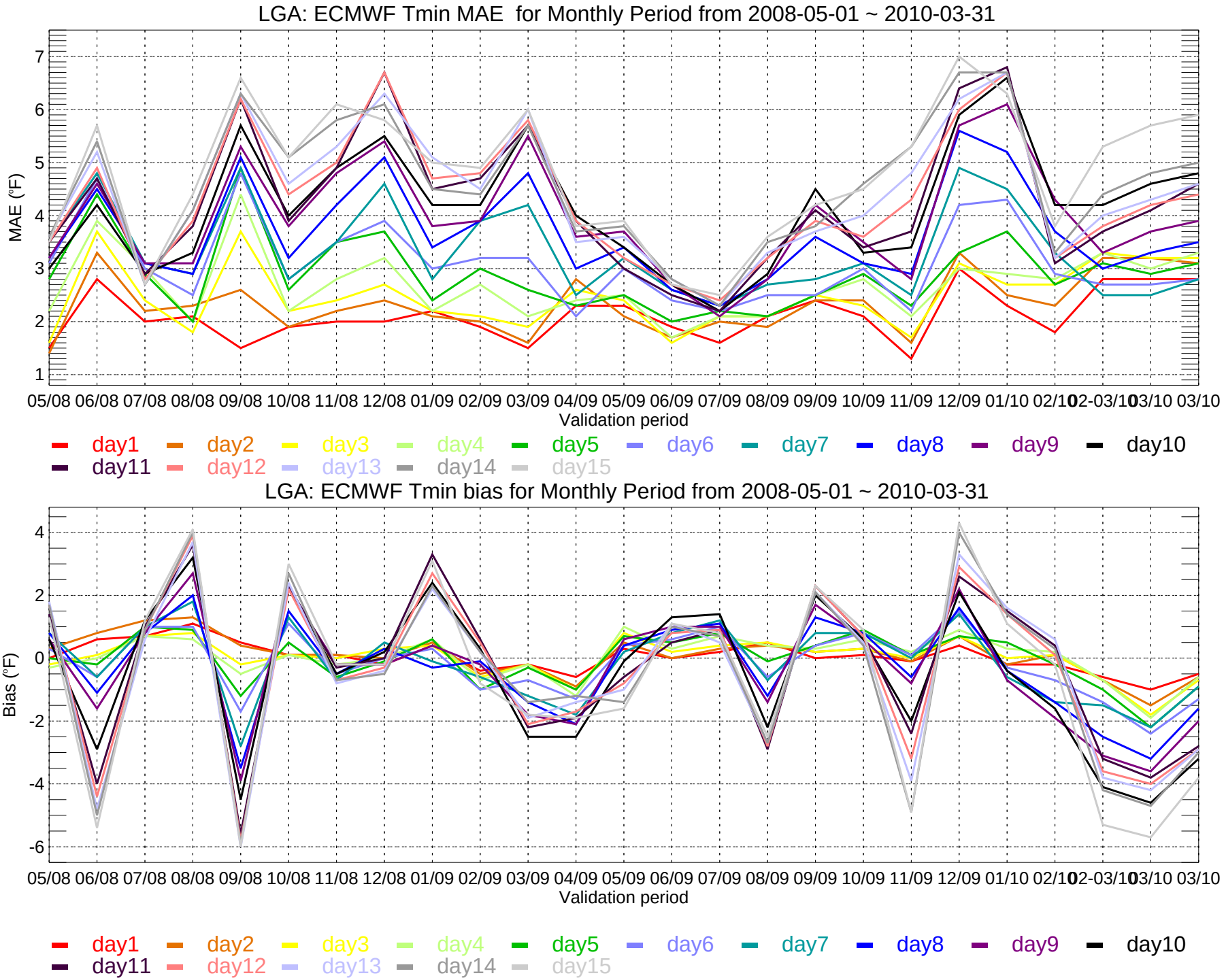
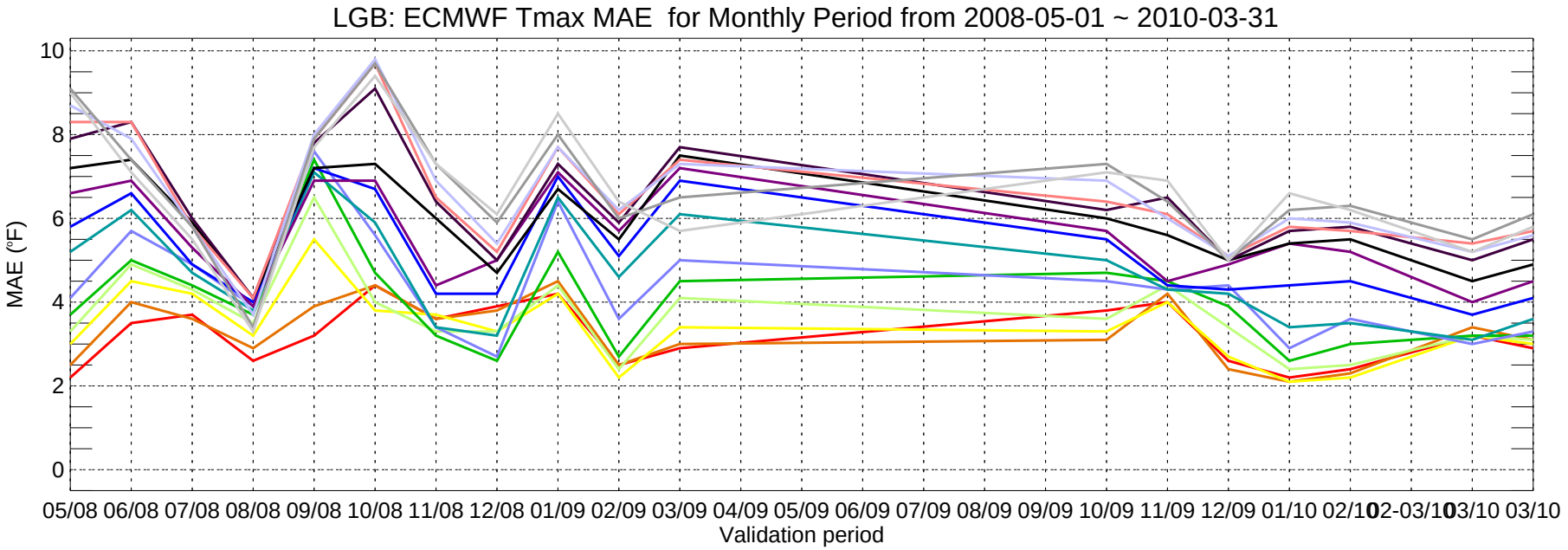
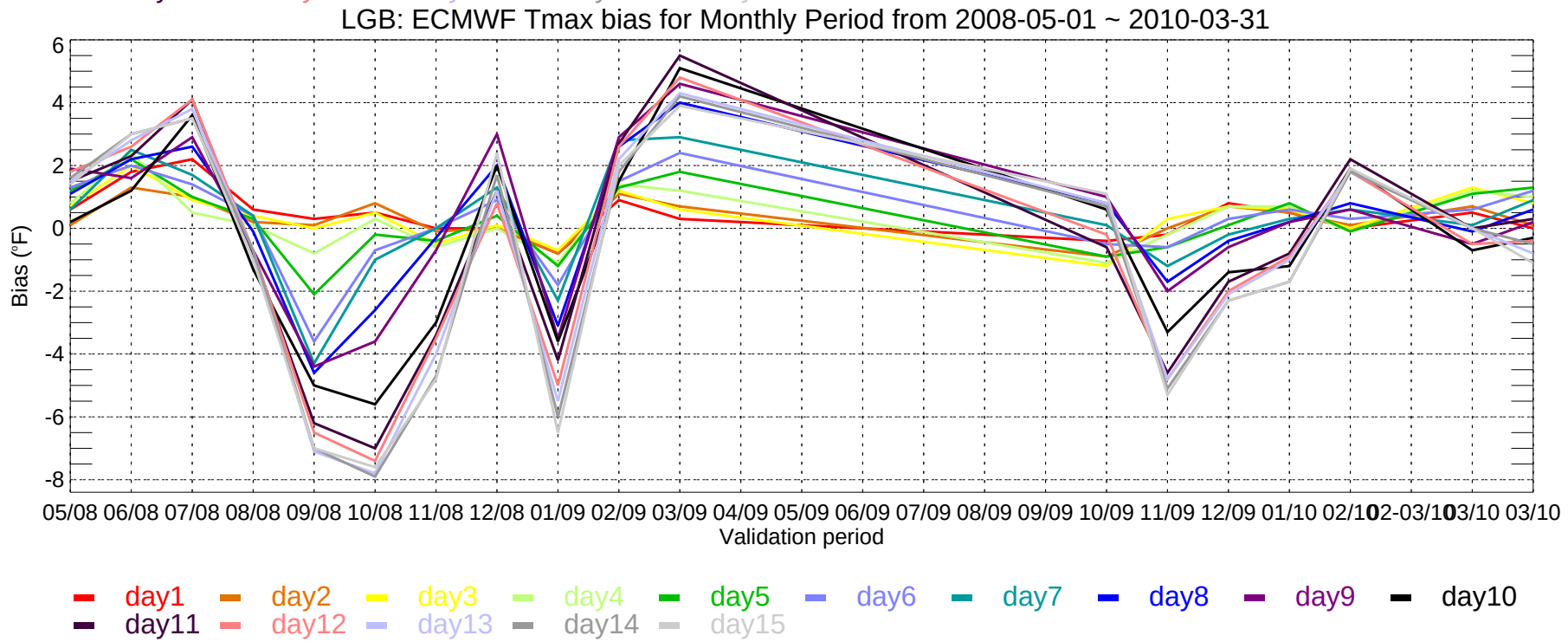
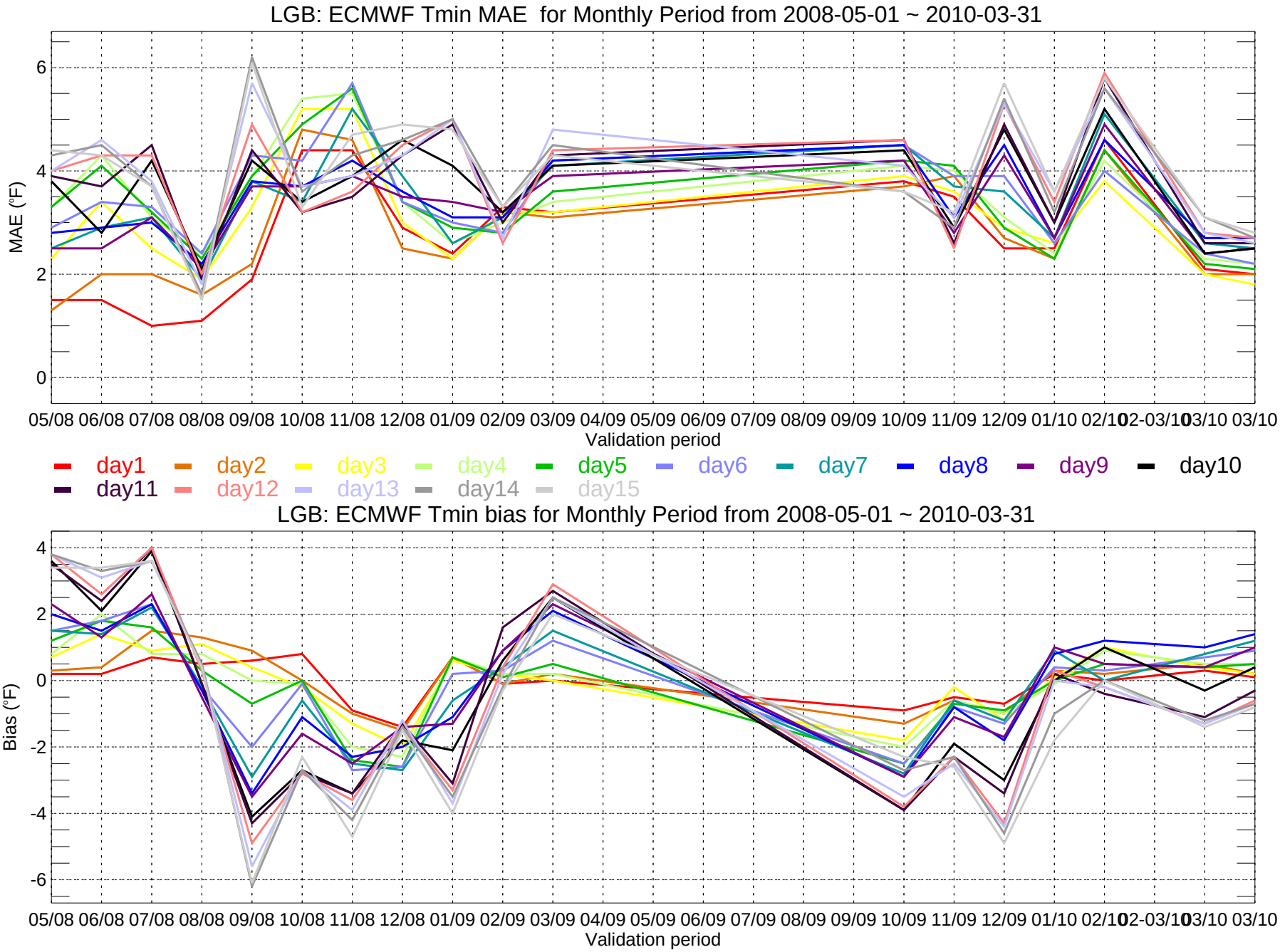
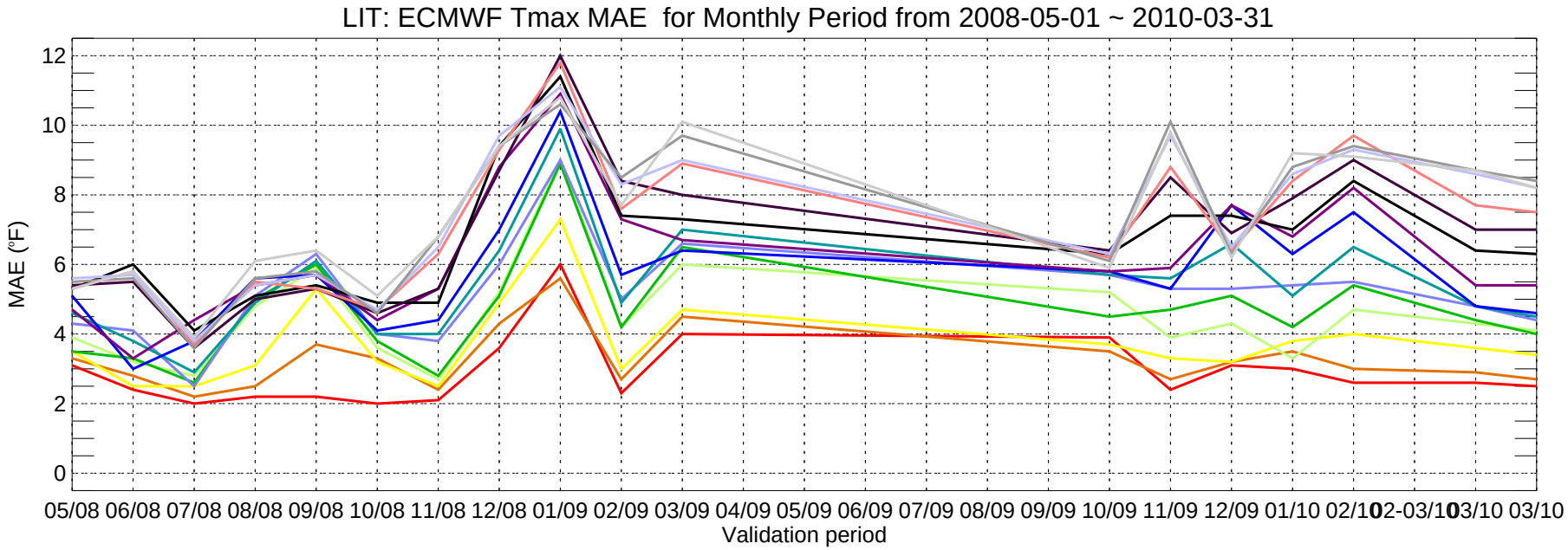

LGA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
LGA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

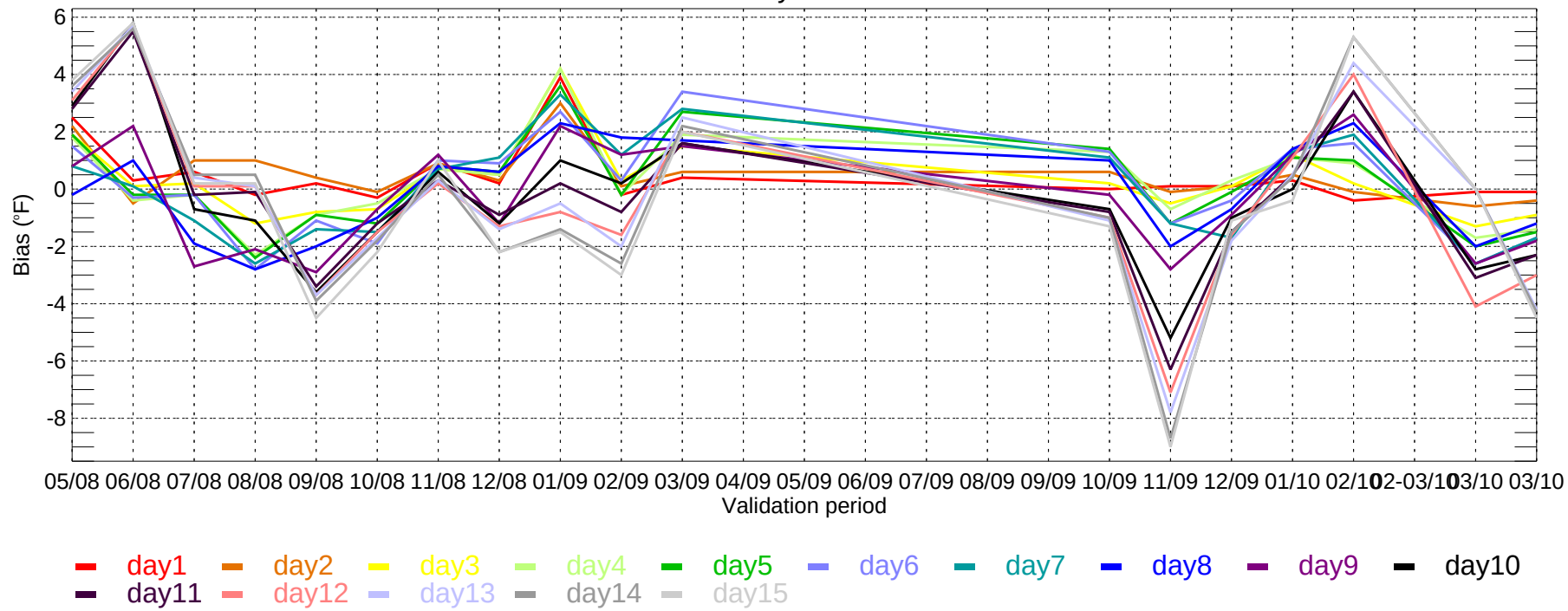

LGA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
1
2
3
4
5
6
7
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
LGA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

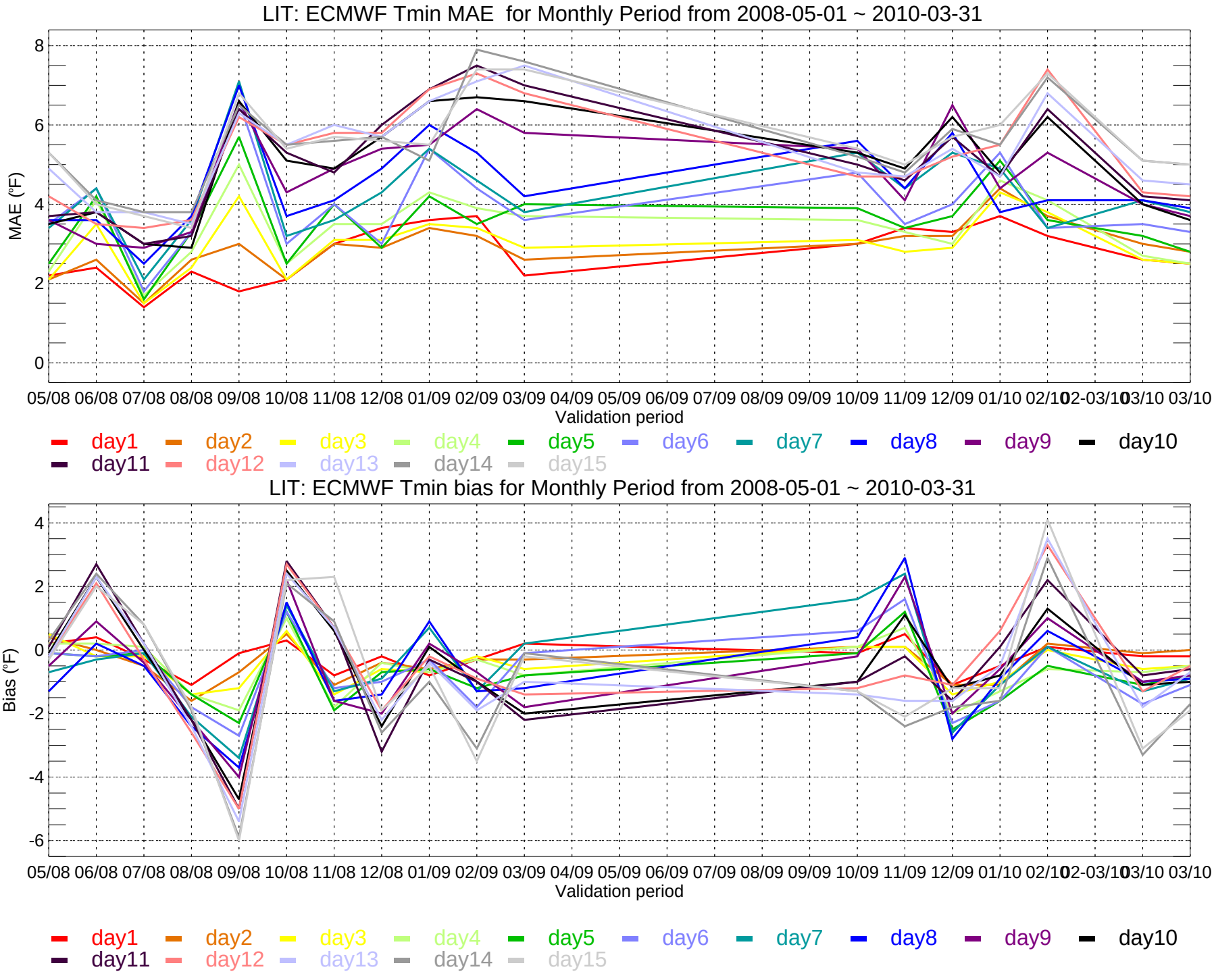

LGB: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

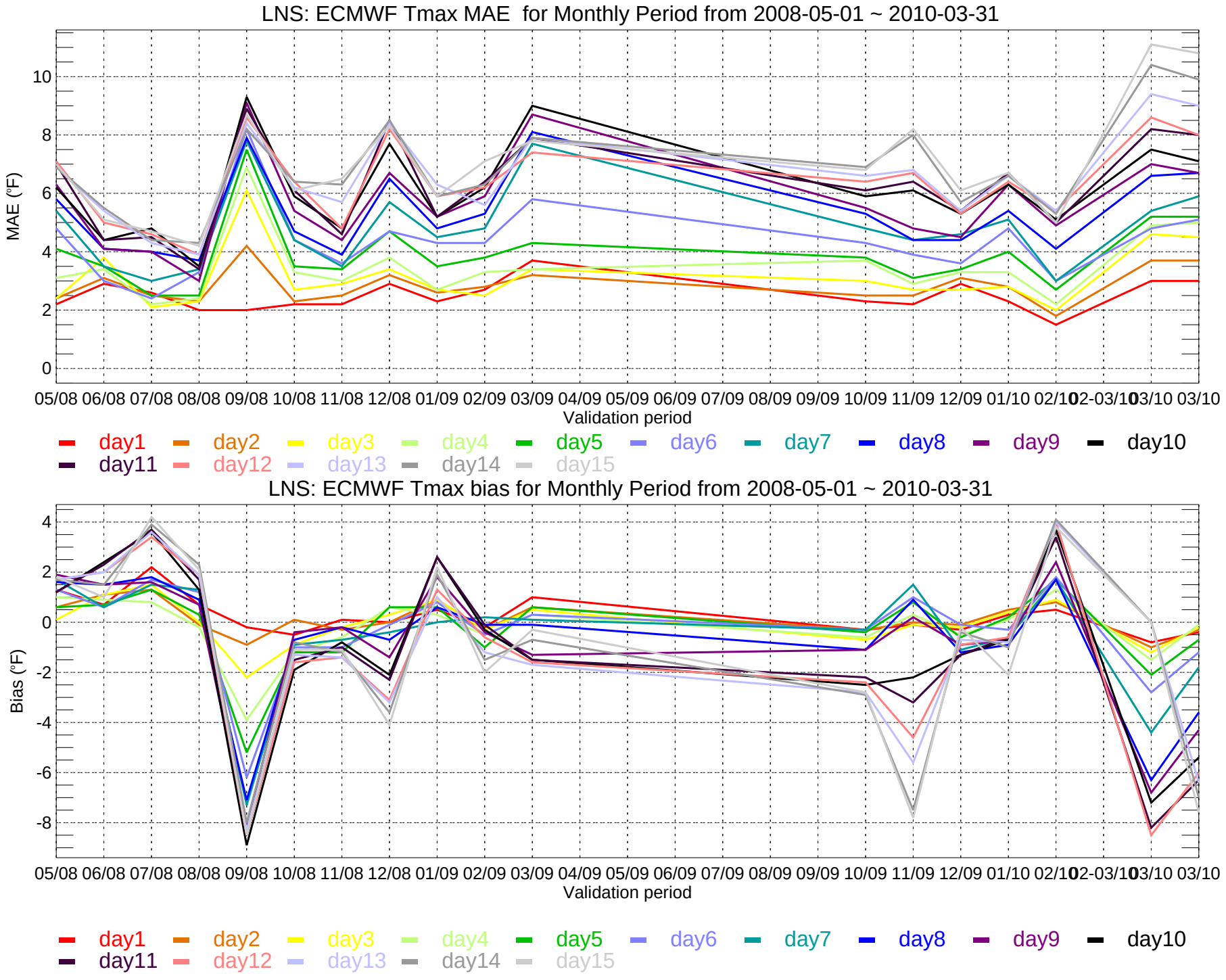

LGB: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

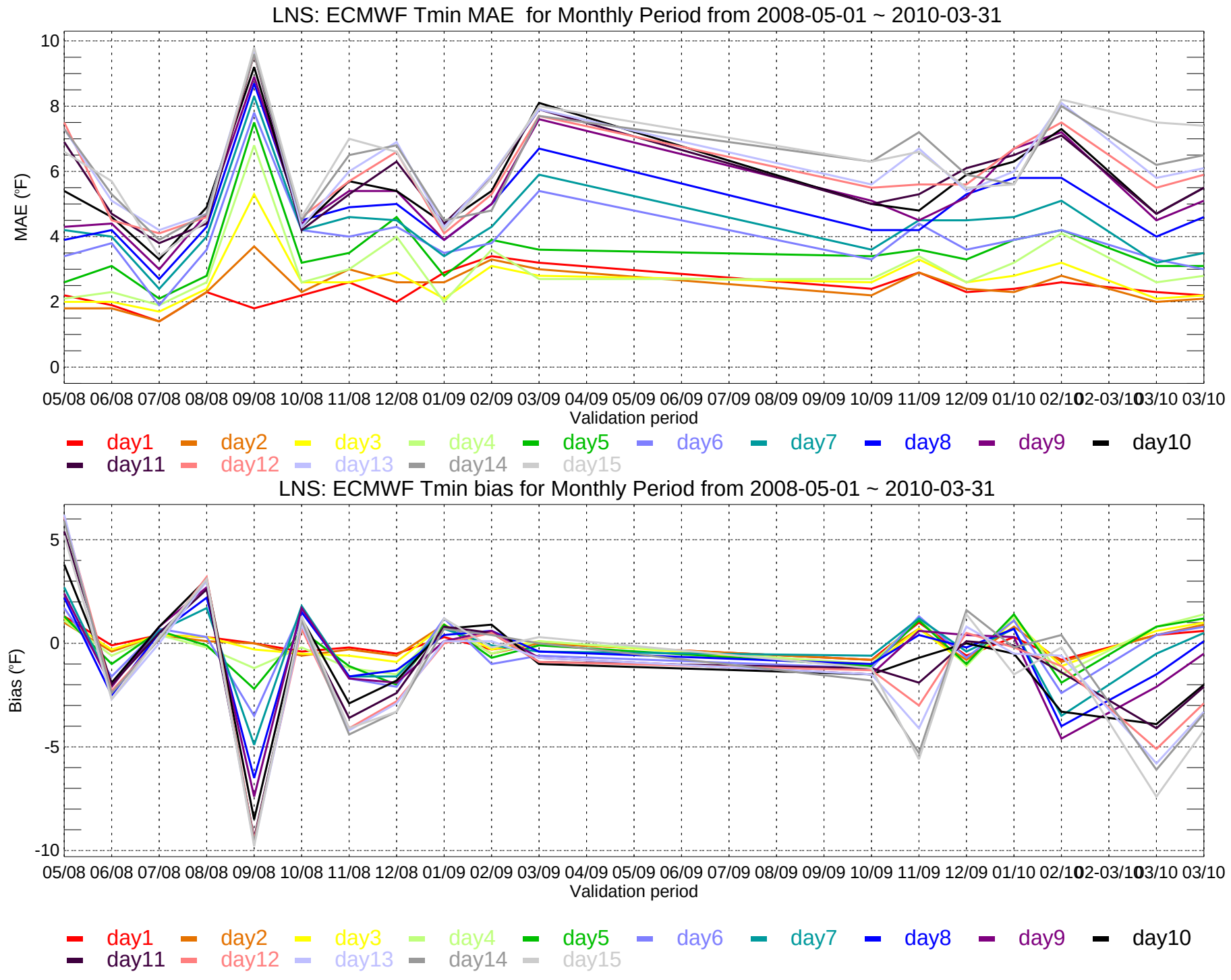

LGB: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
LGB: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

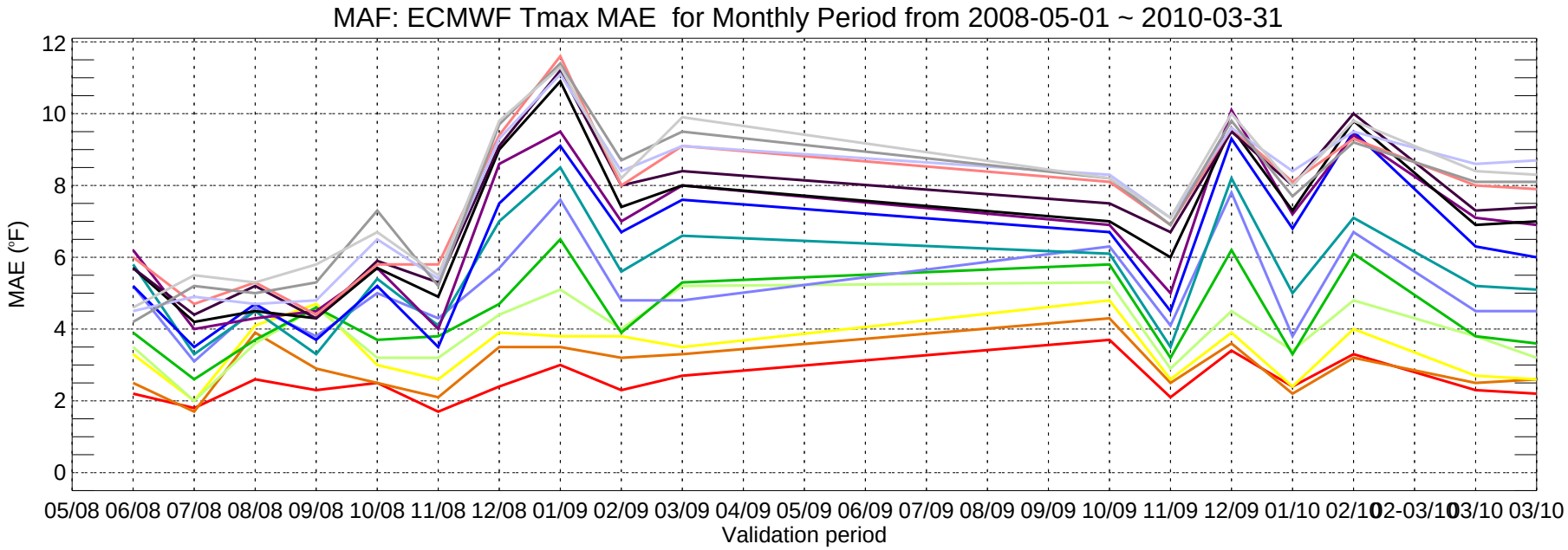

LIT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

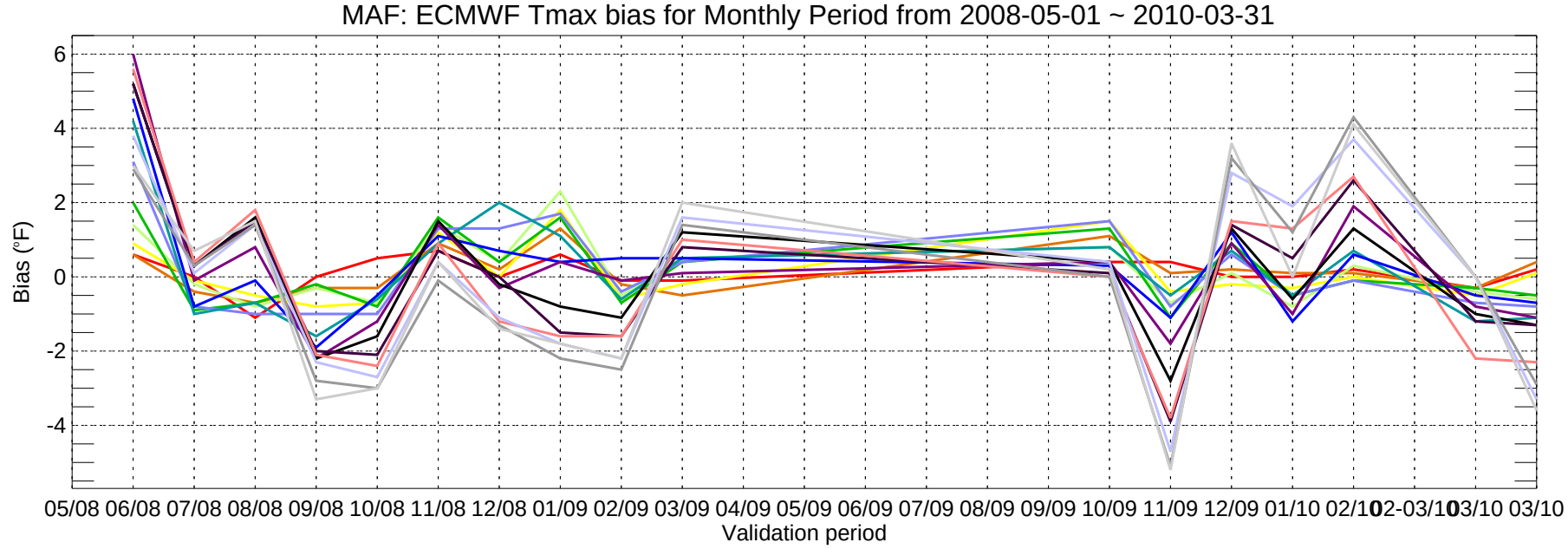

LIT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

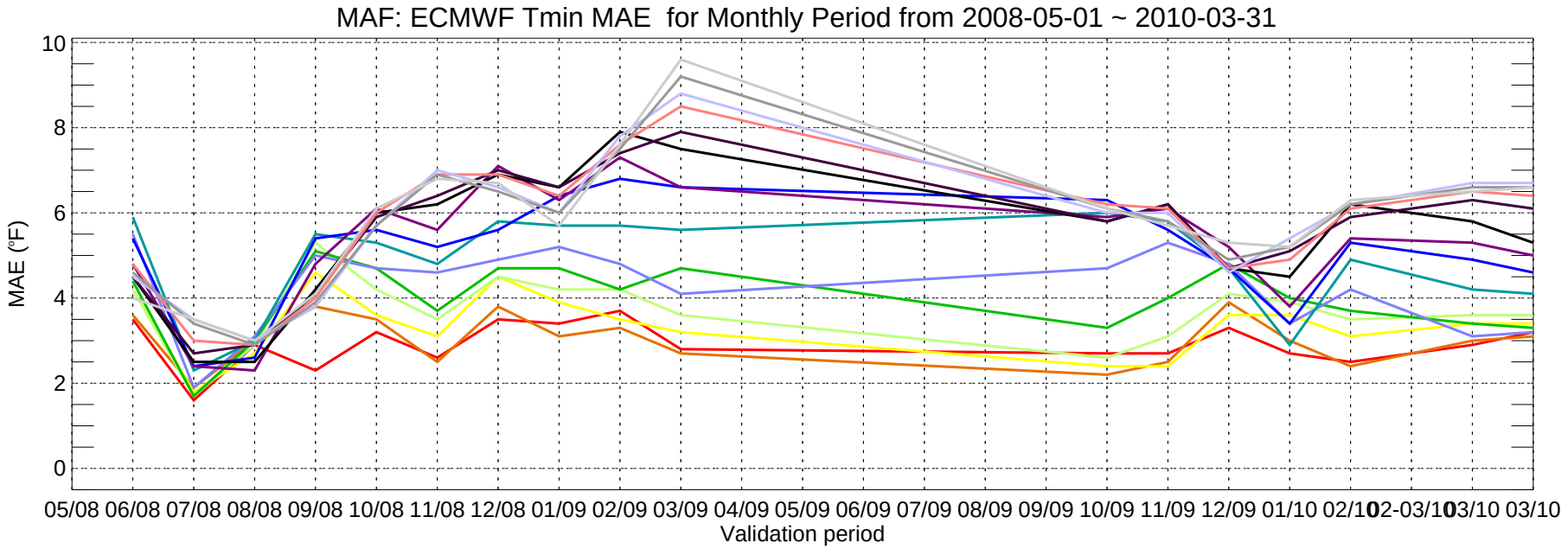

LIT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
LIT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

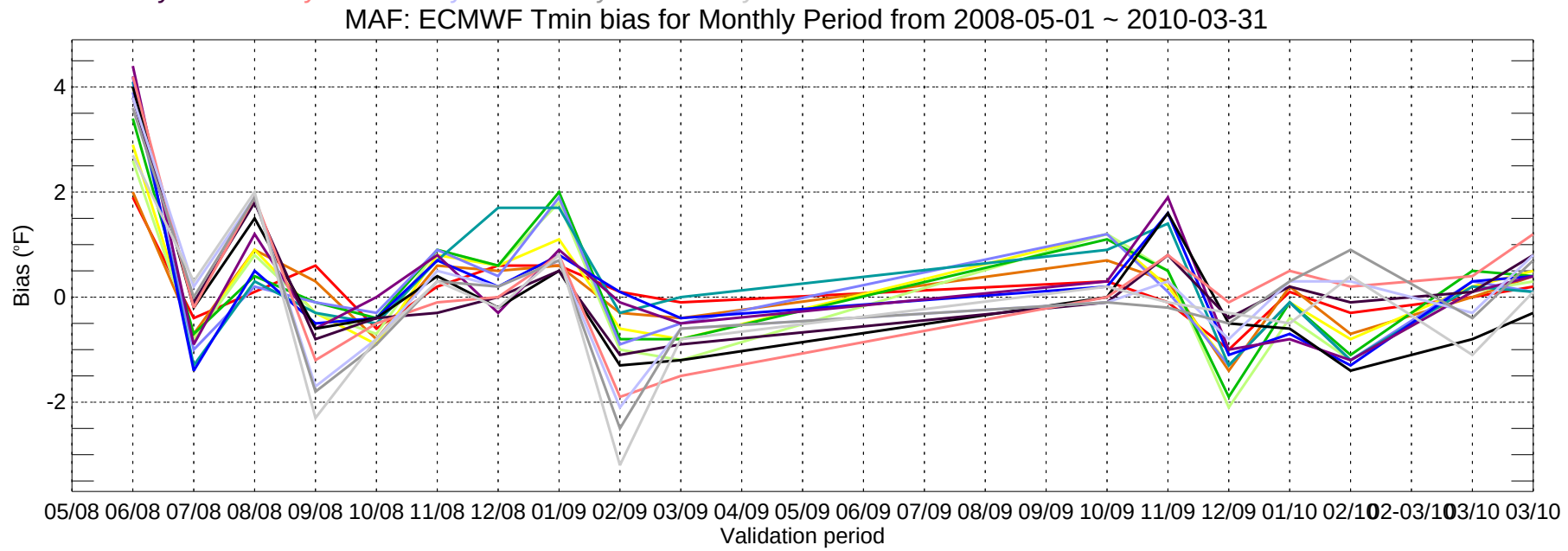

LNS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
LNS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

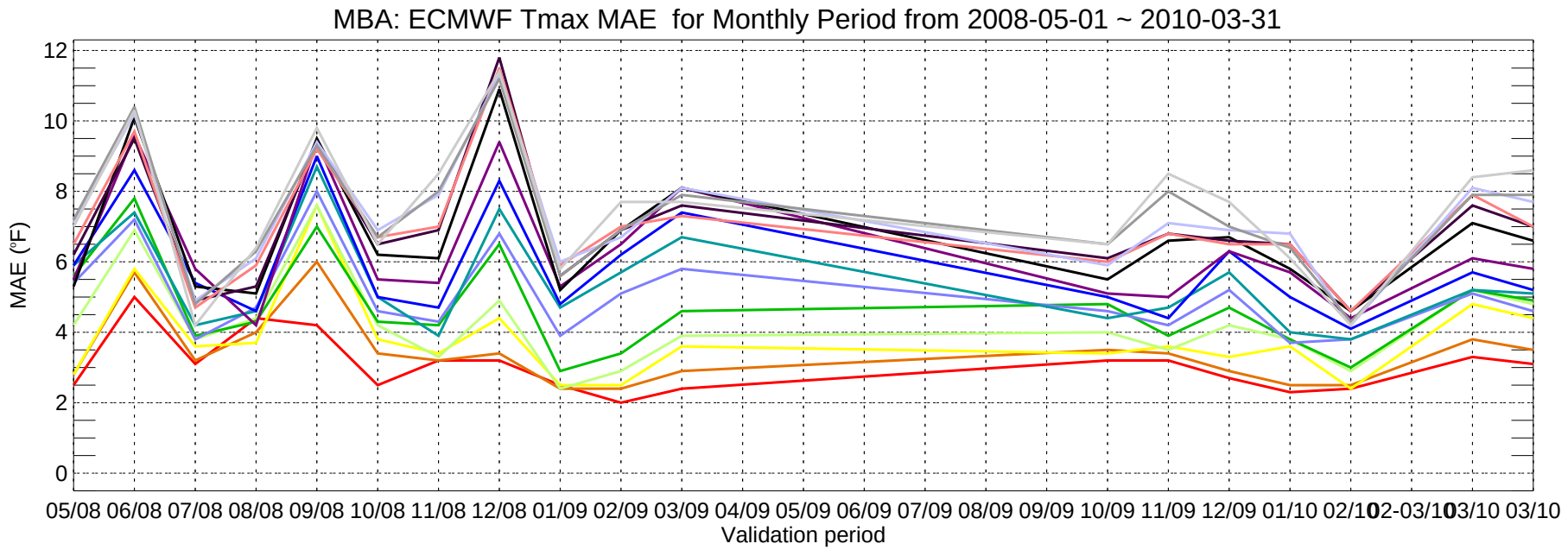

LNS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
LNS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

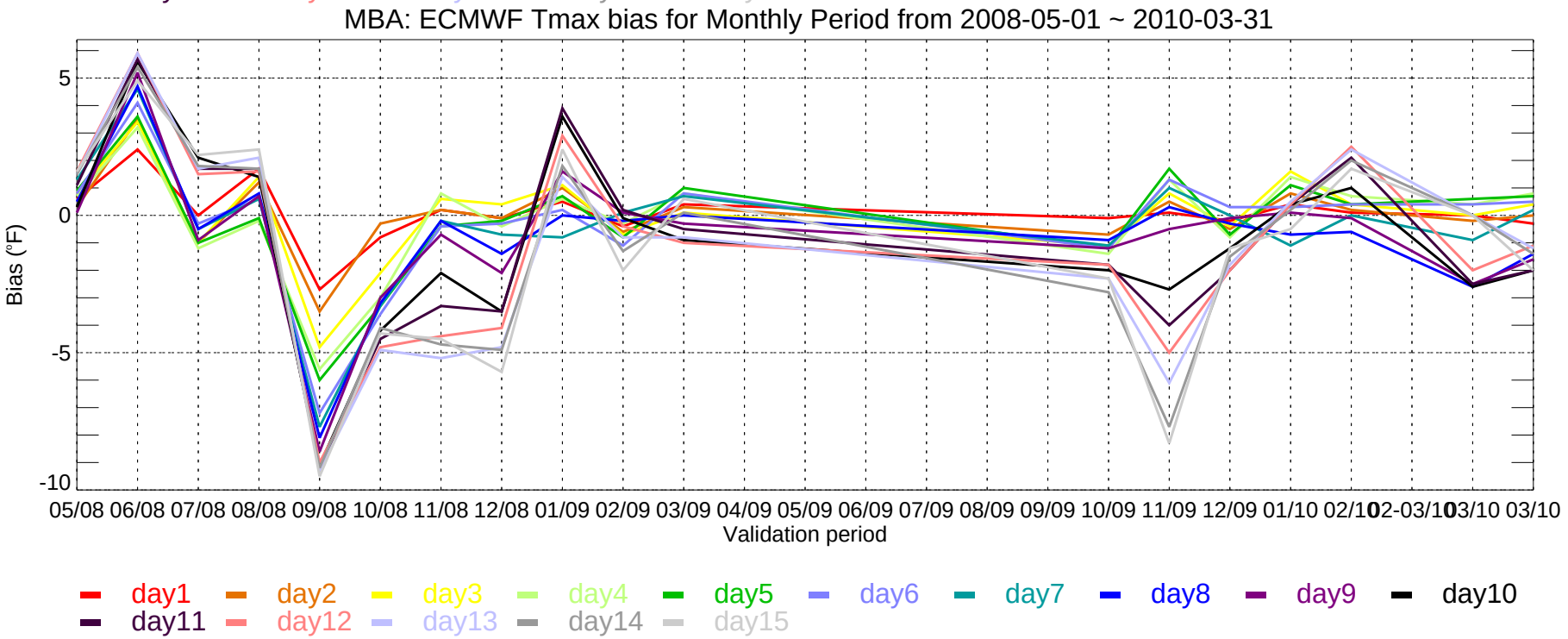

MAF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

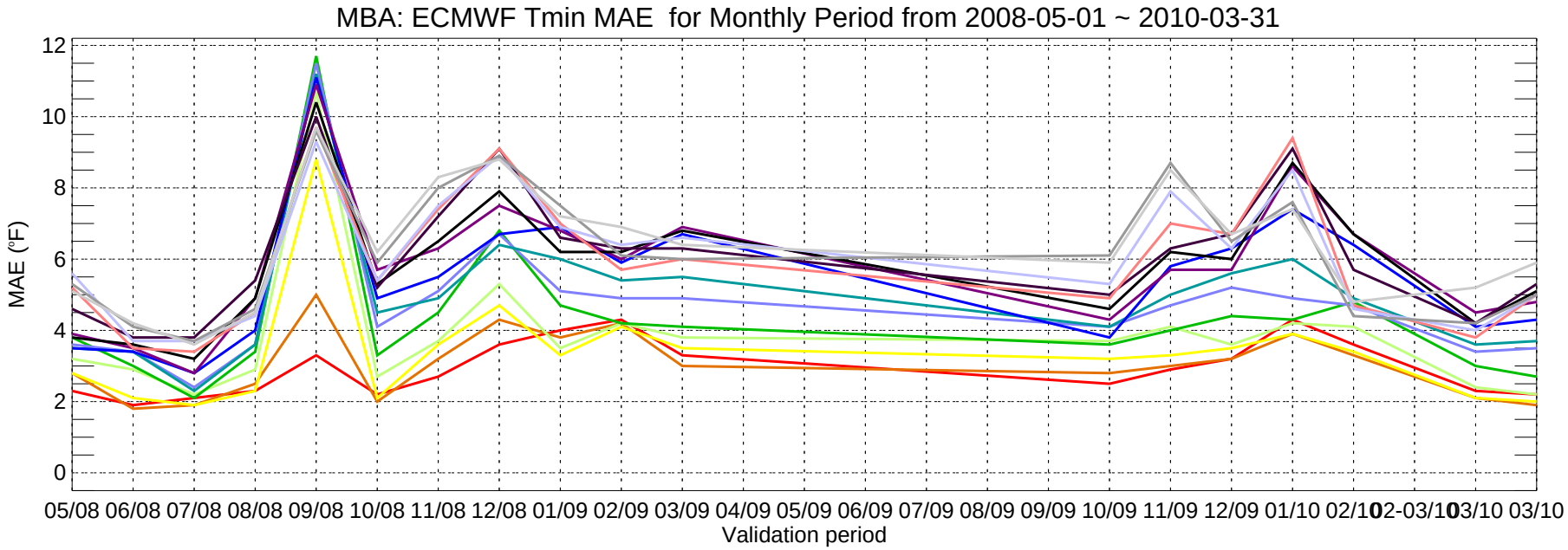

MAF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

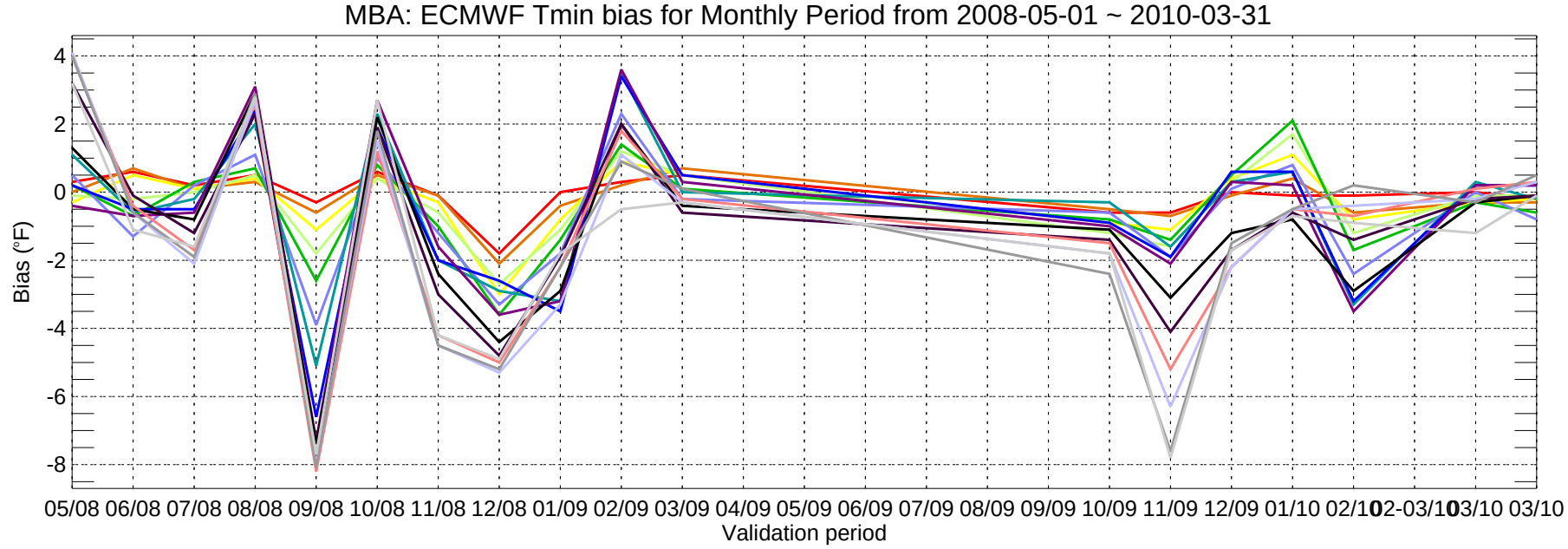

MAF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

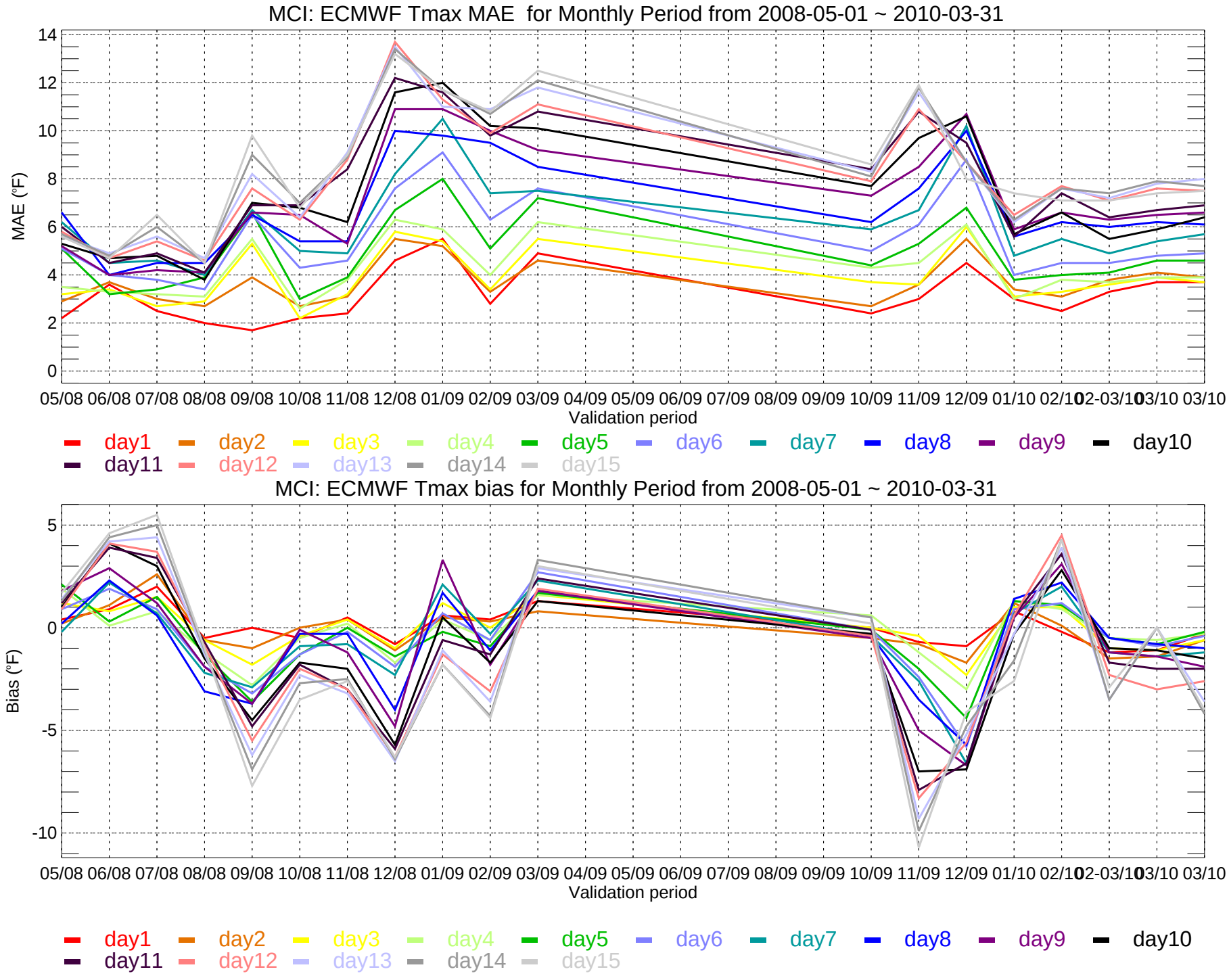

MAF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

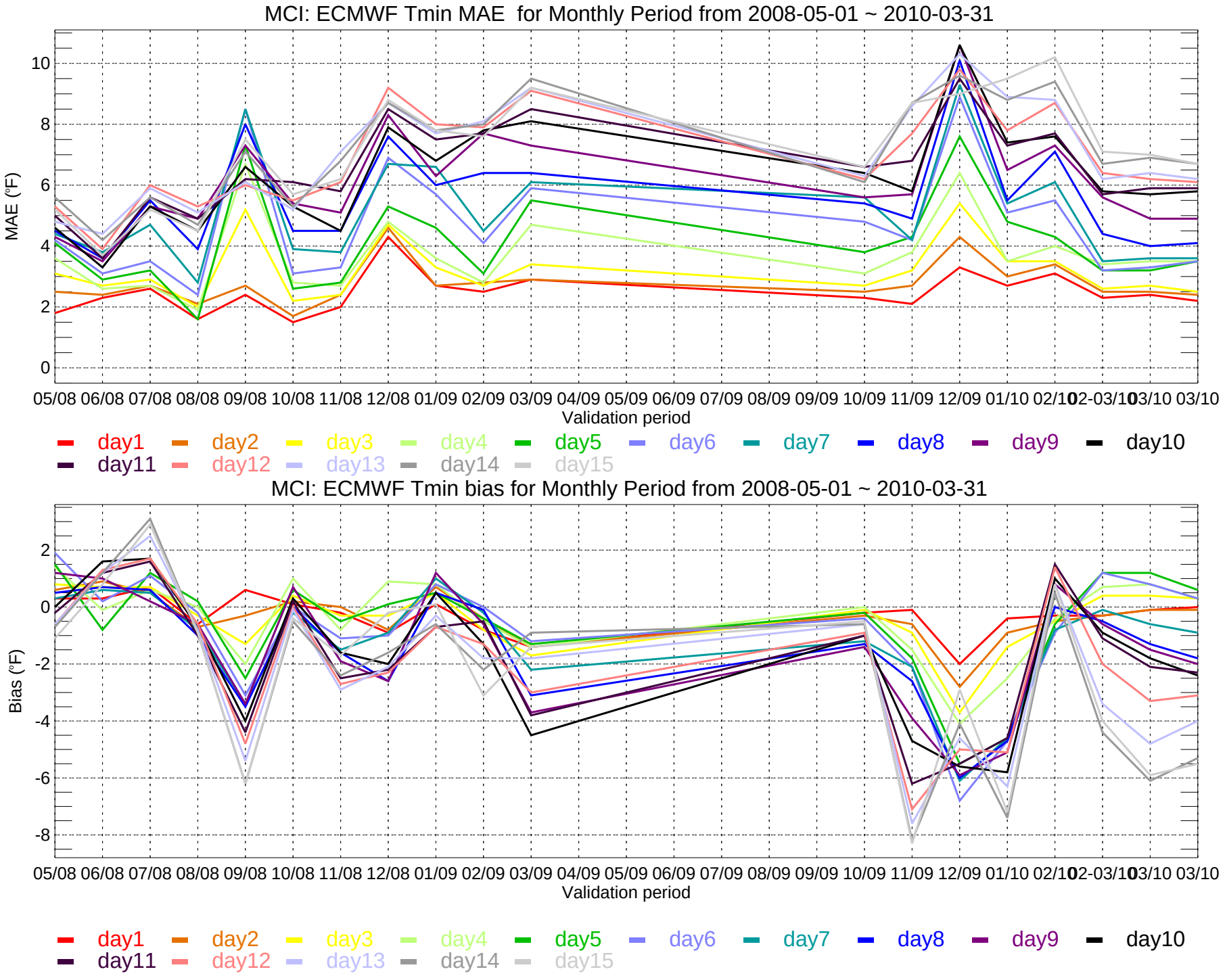

MBA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

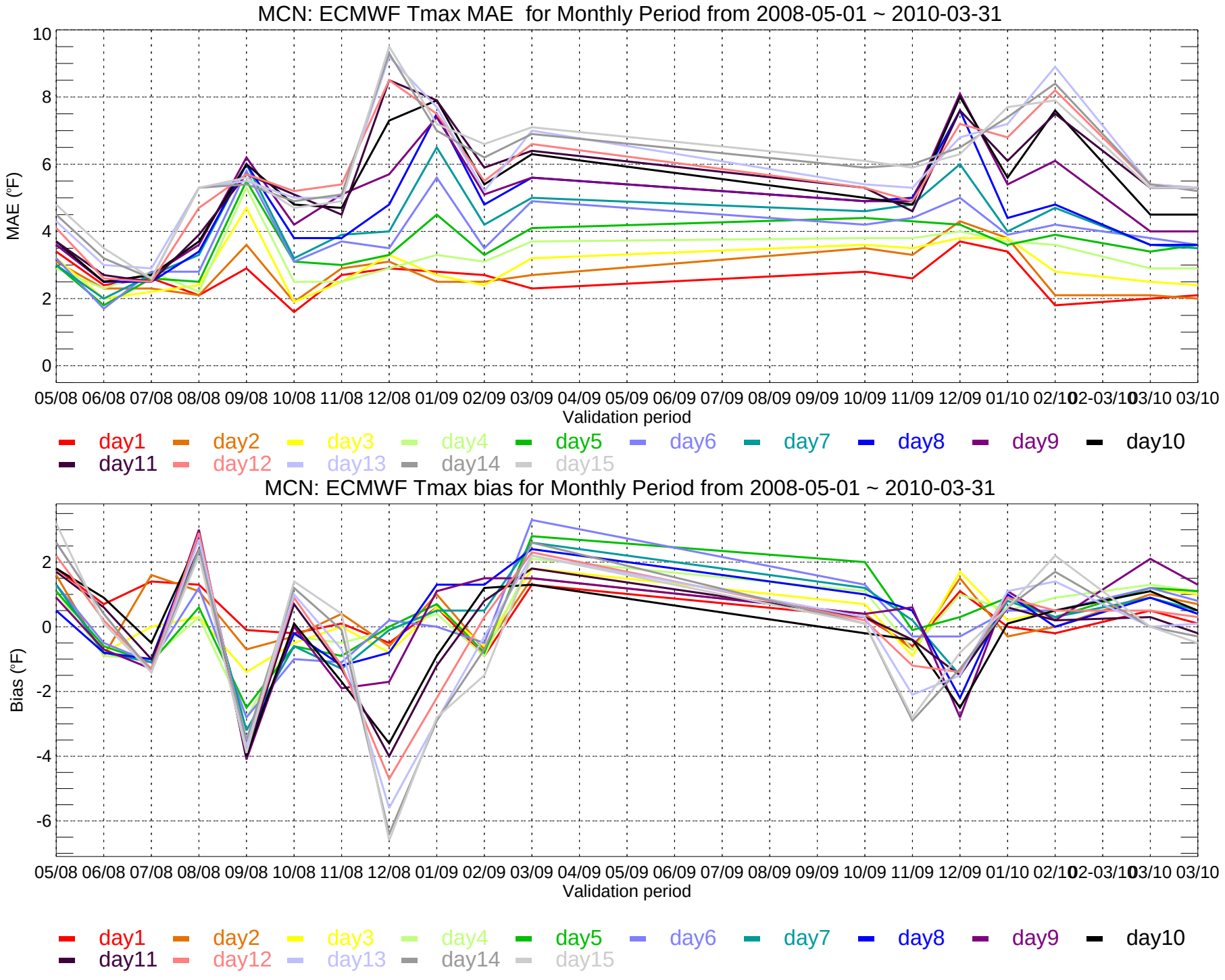

MBA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

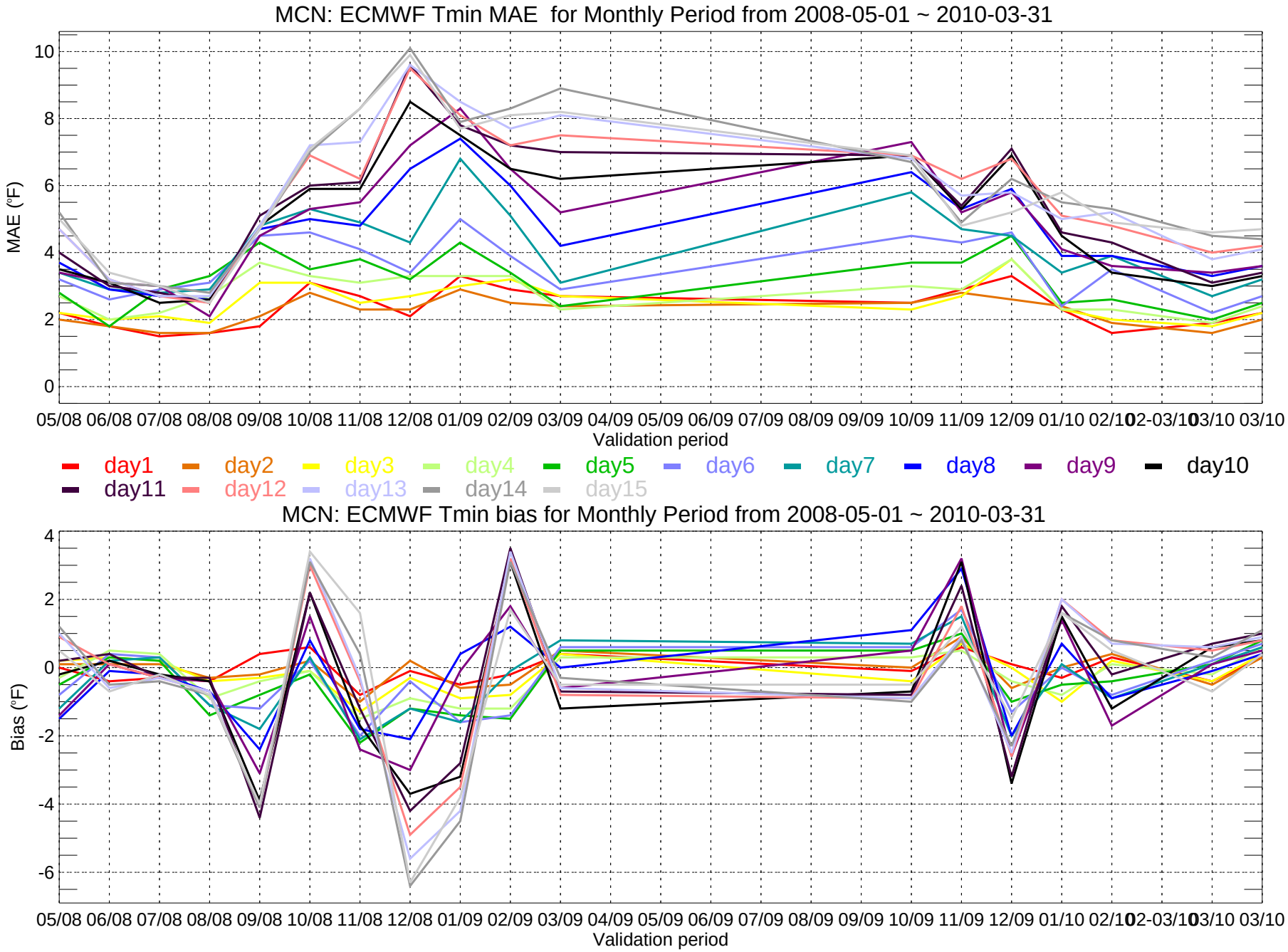

MBA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

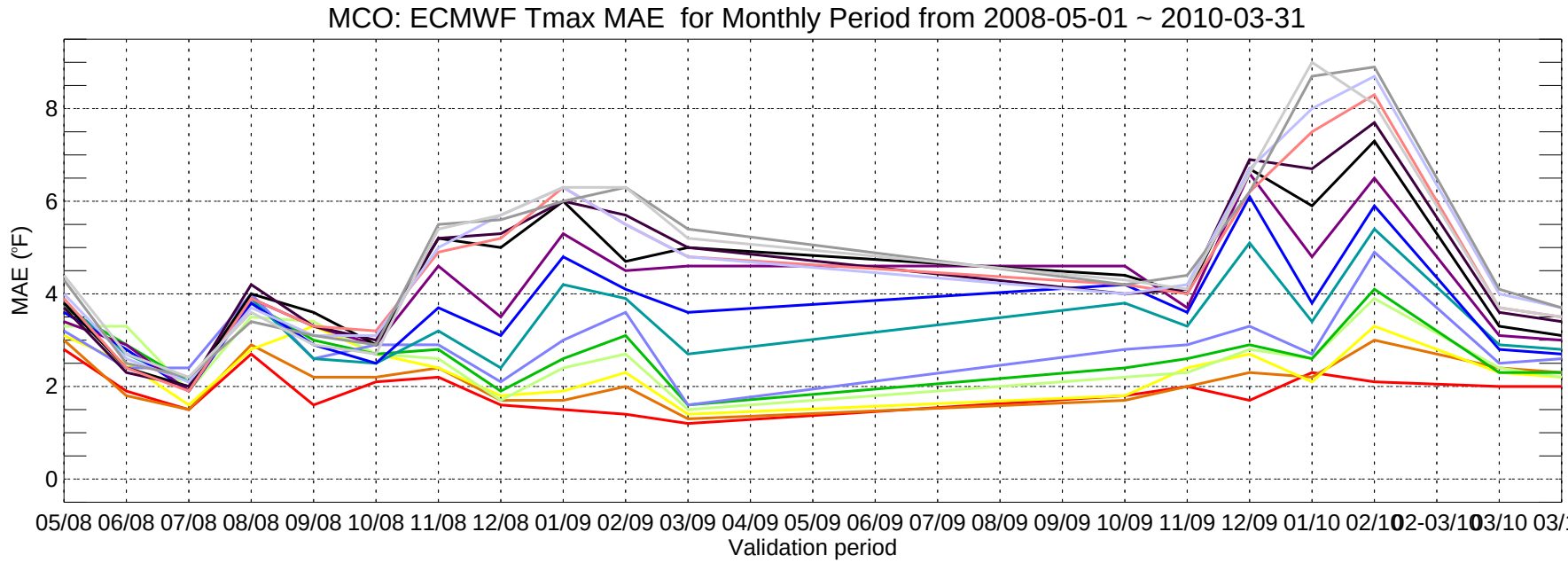

MBA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

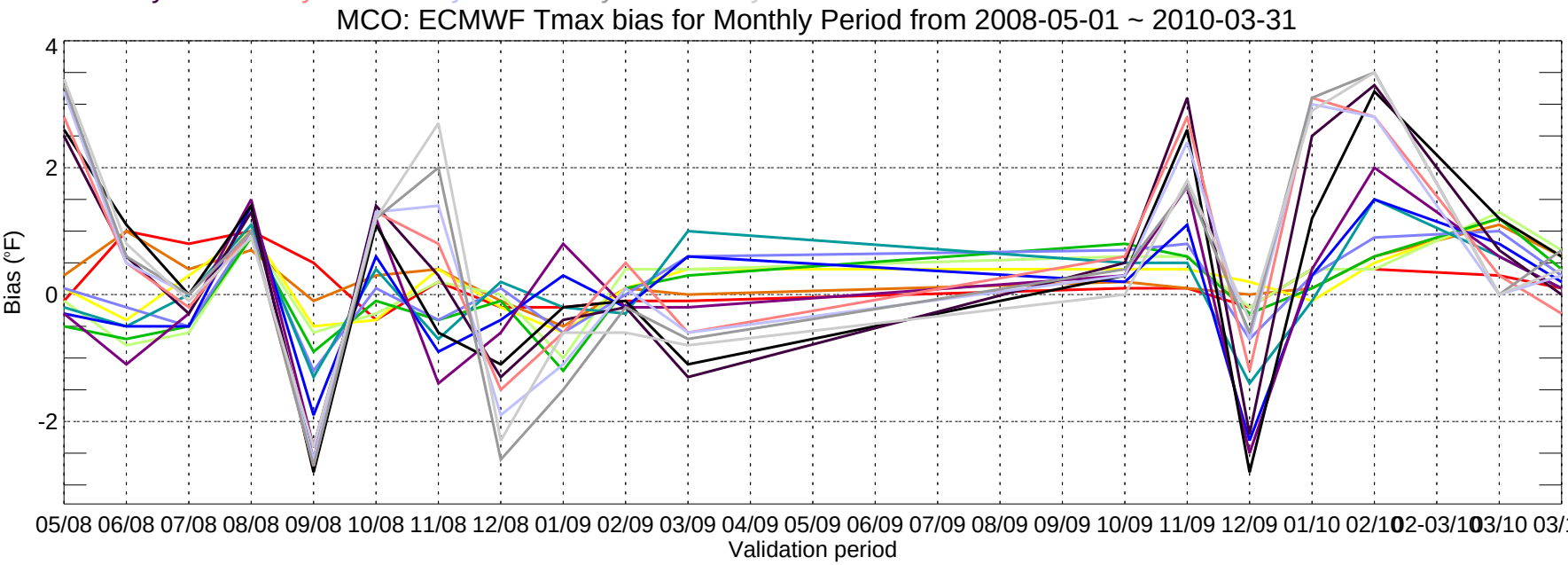

MCI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
14
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MCI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

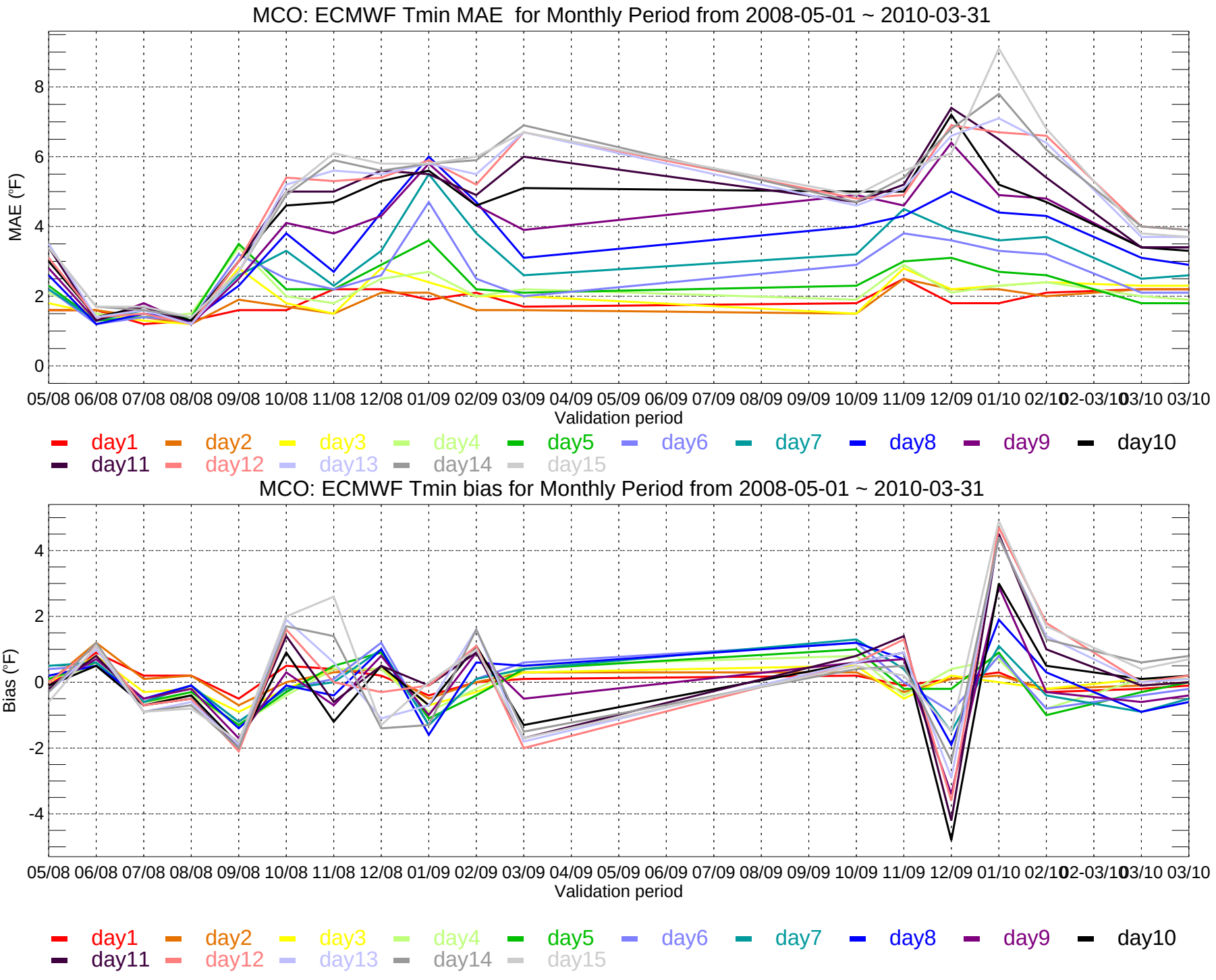

MCI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MCI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

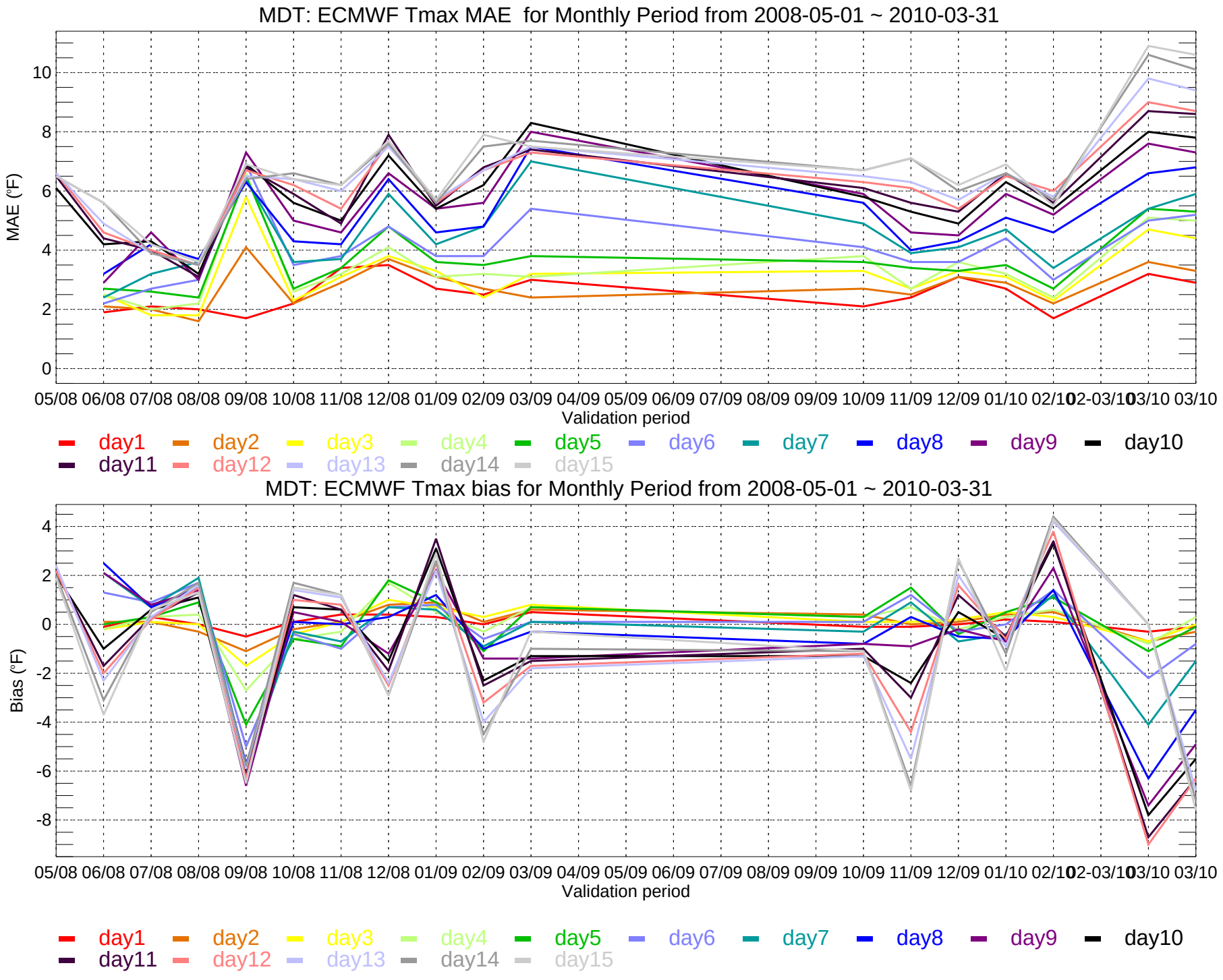

MCN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MCN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

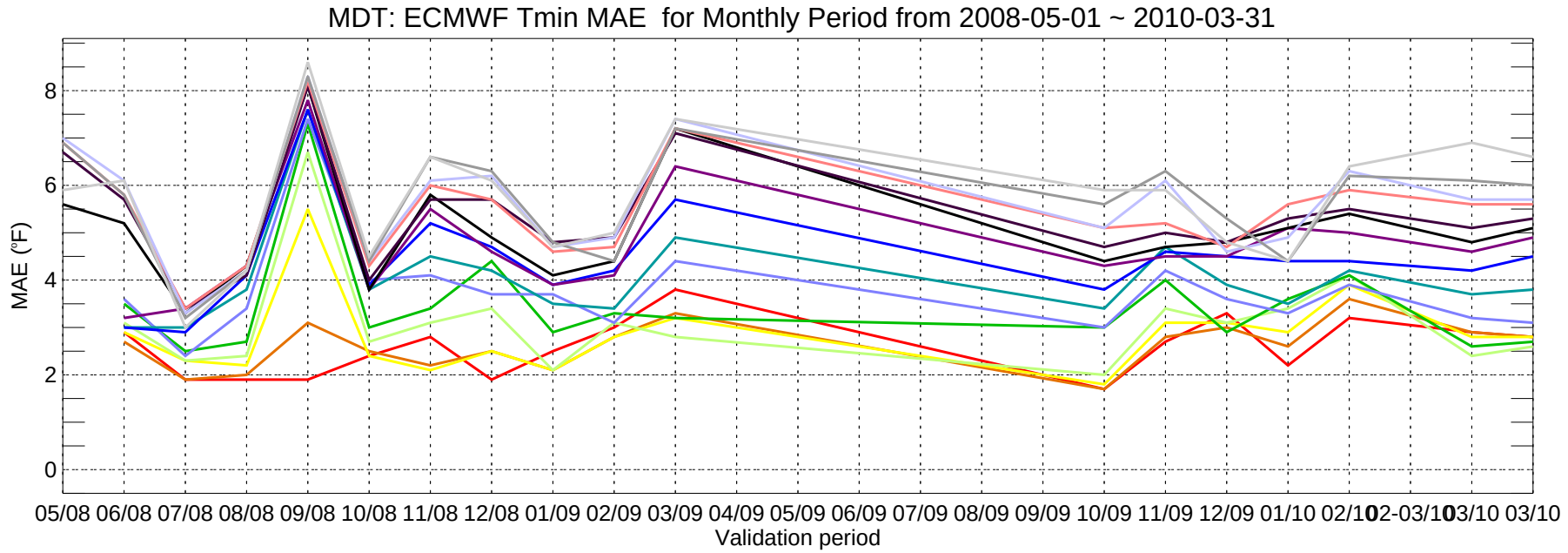

MCN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MCN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

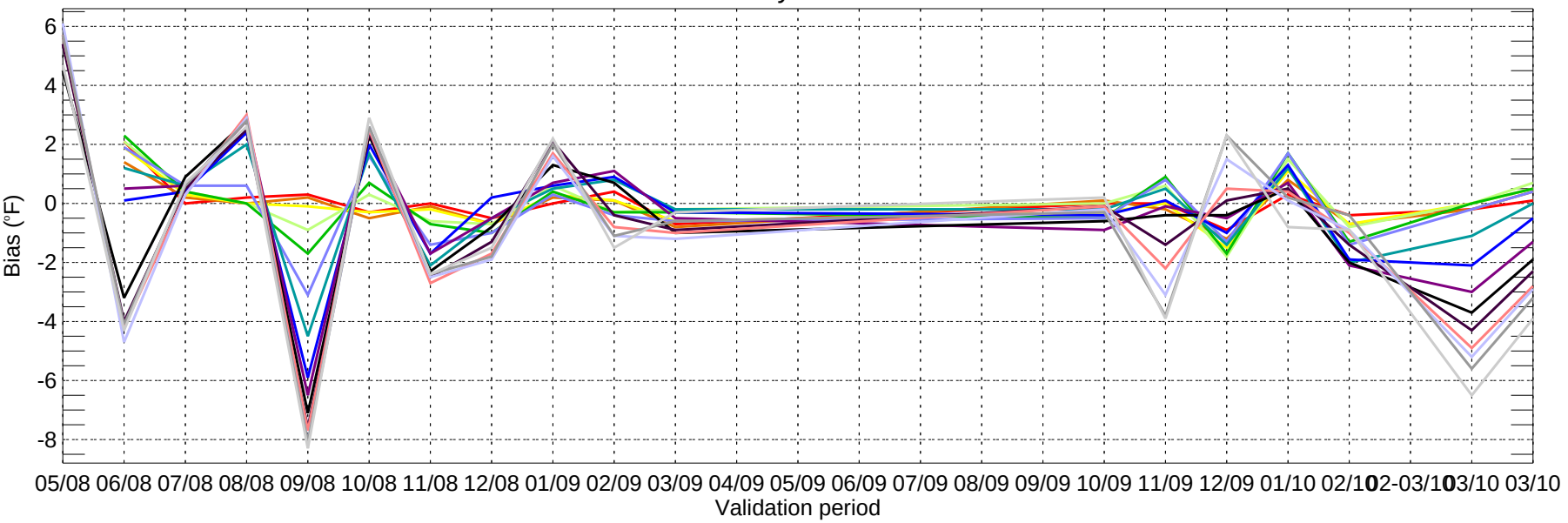

MCO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

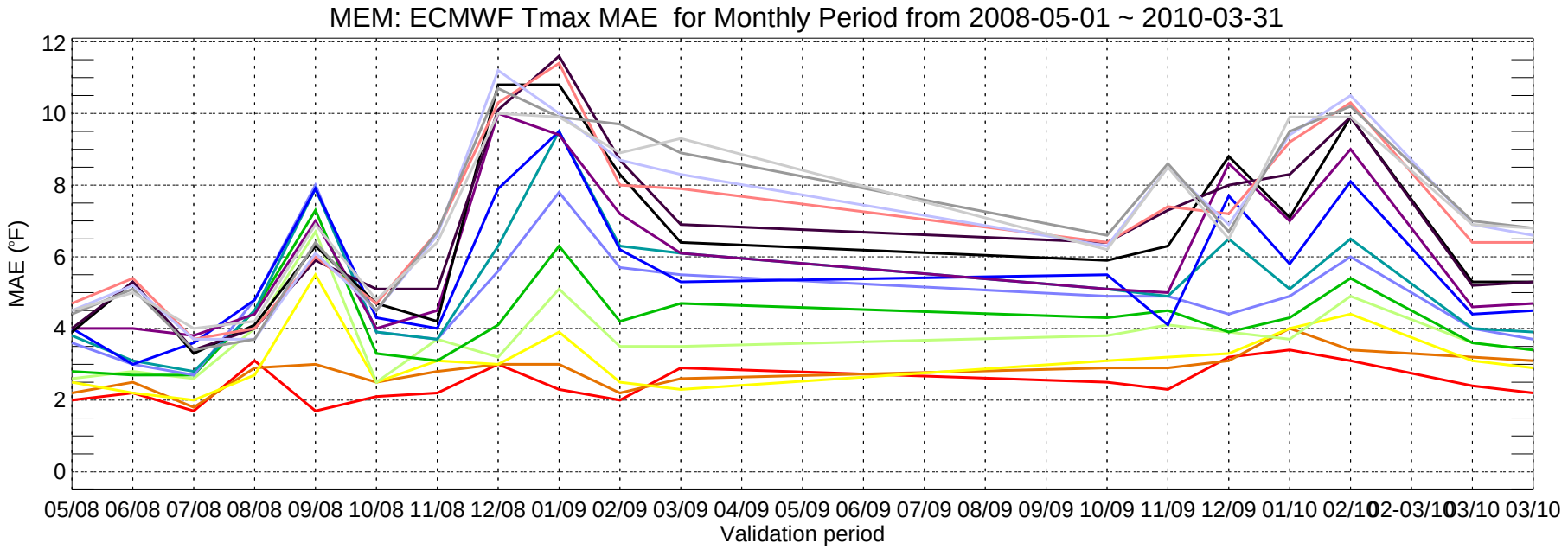

MCO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

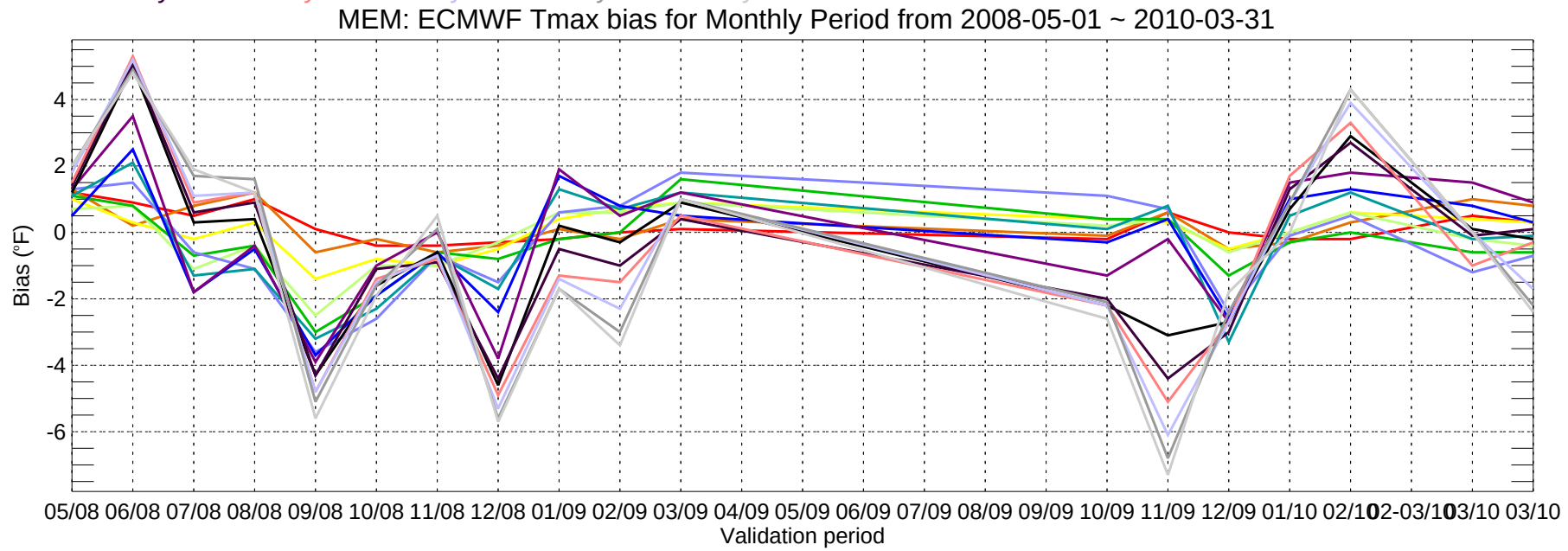

MCO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MCO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

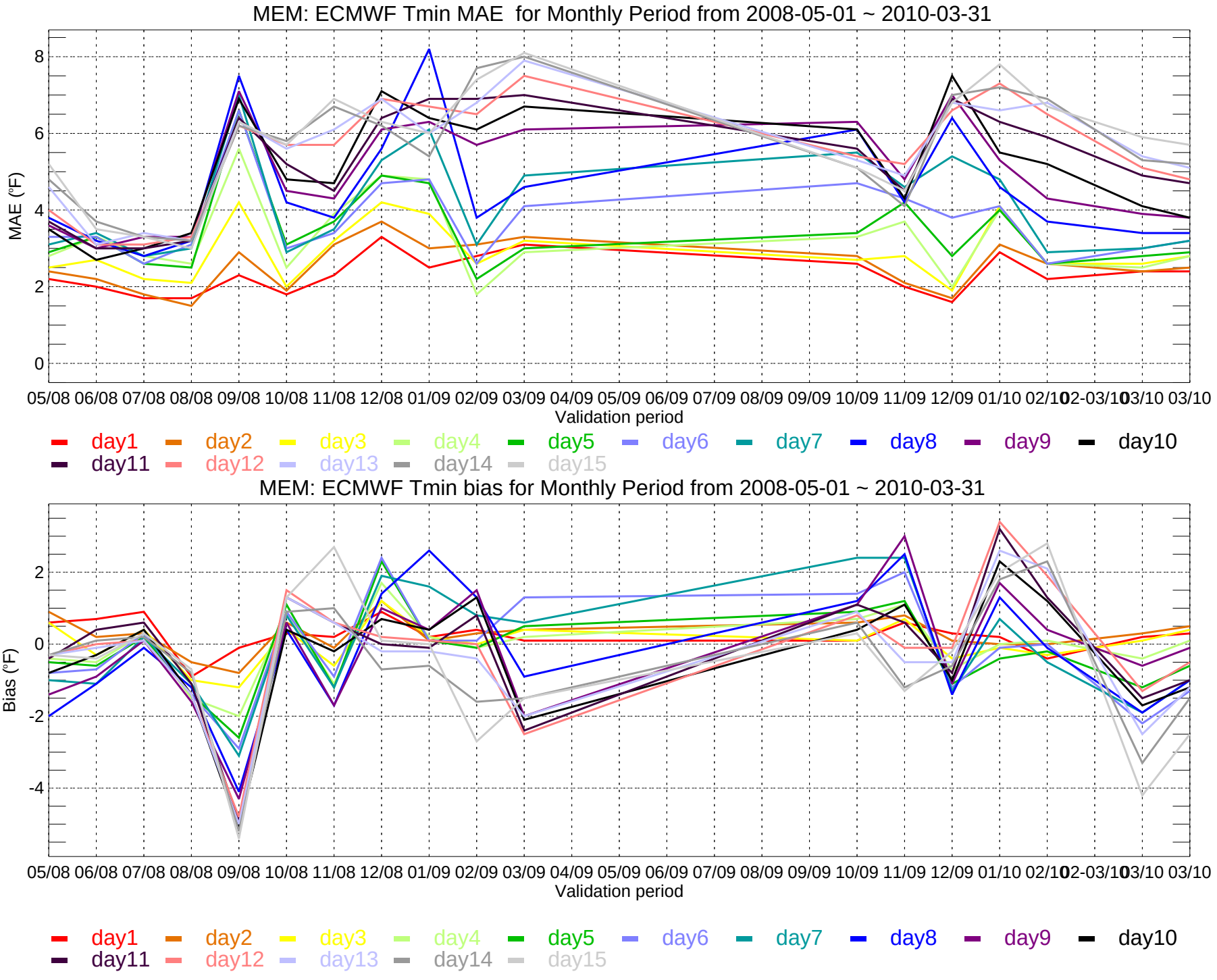

MDT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MDT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

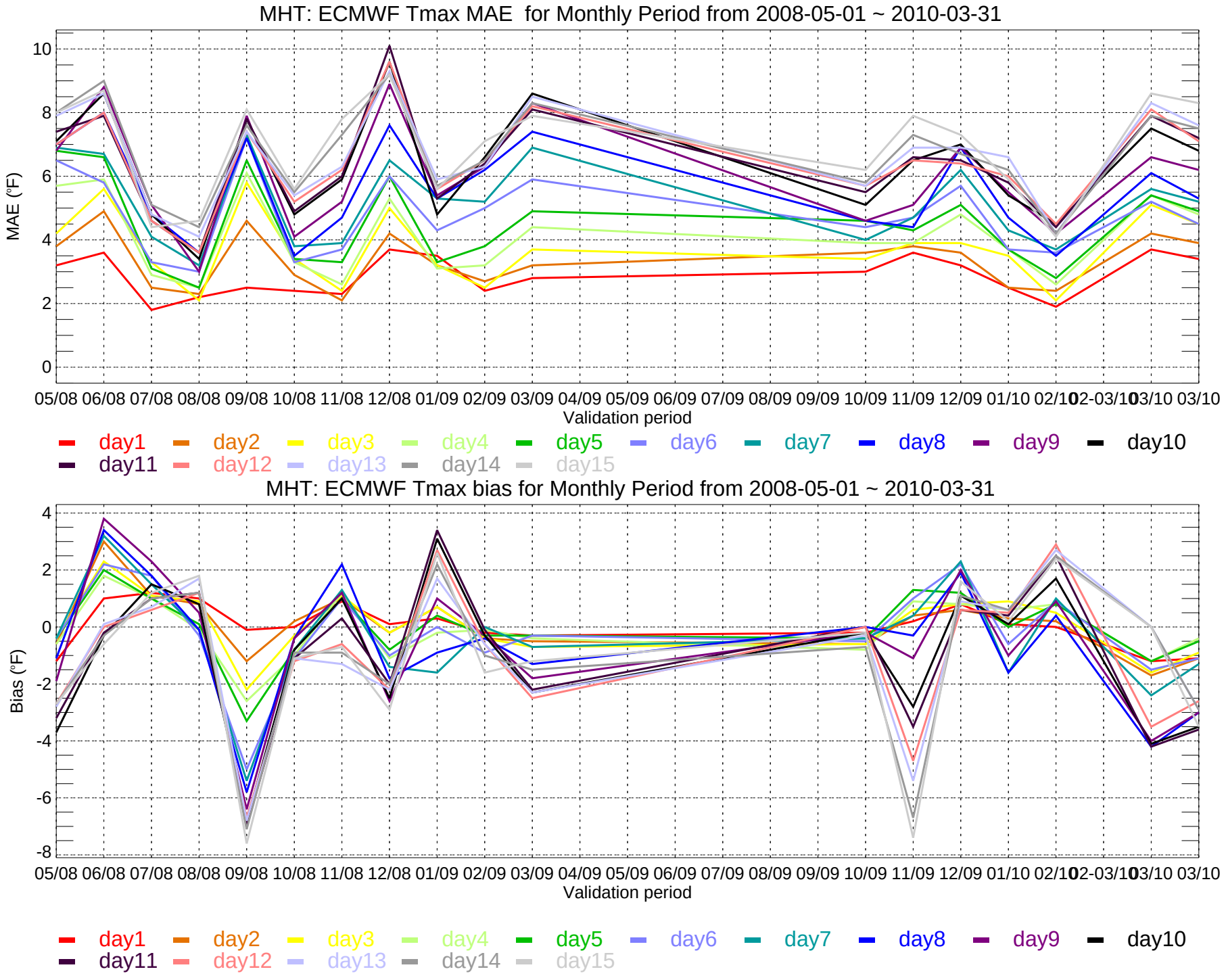

MDT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

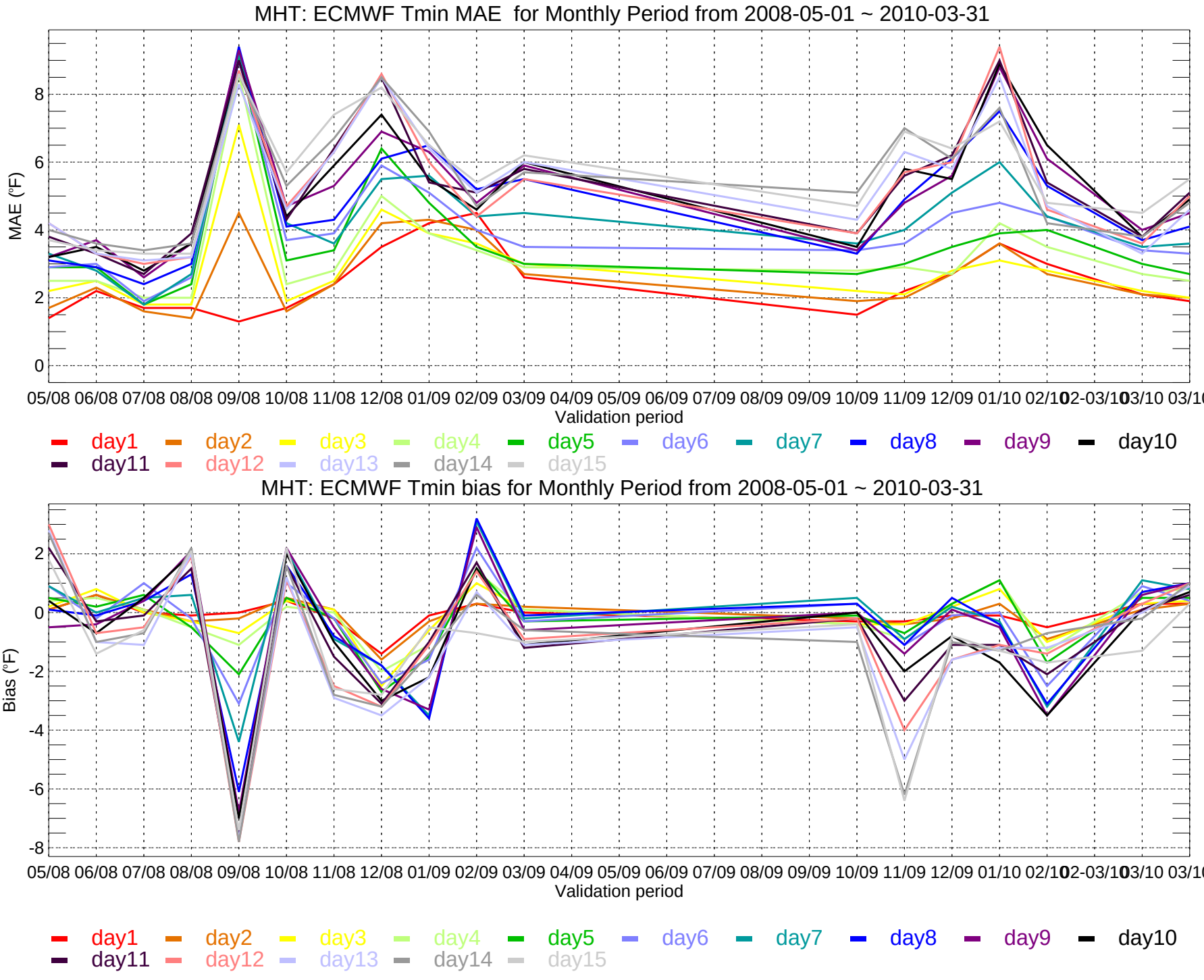

MDT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

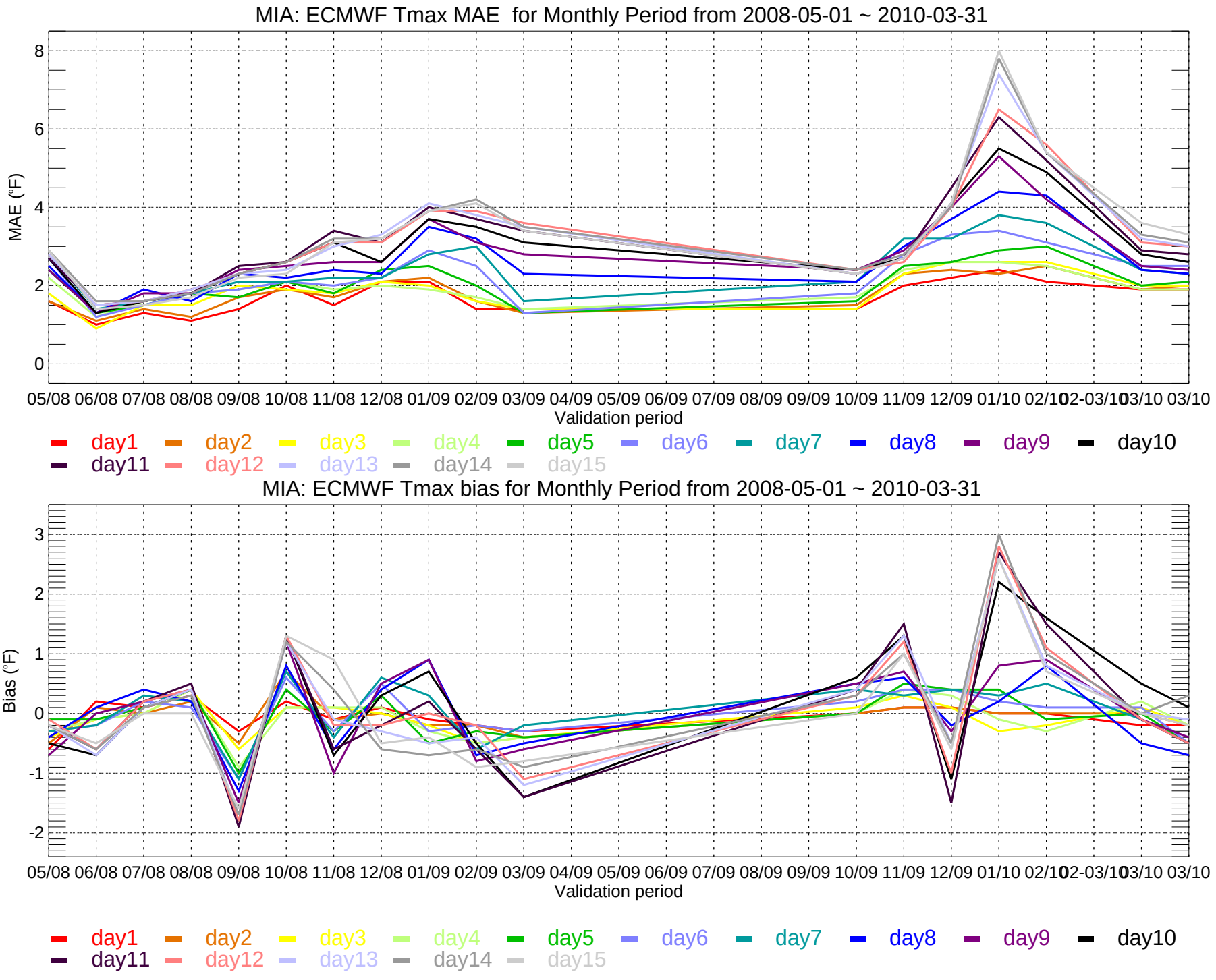

MEM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

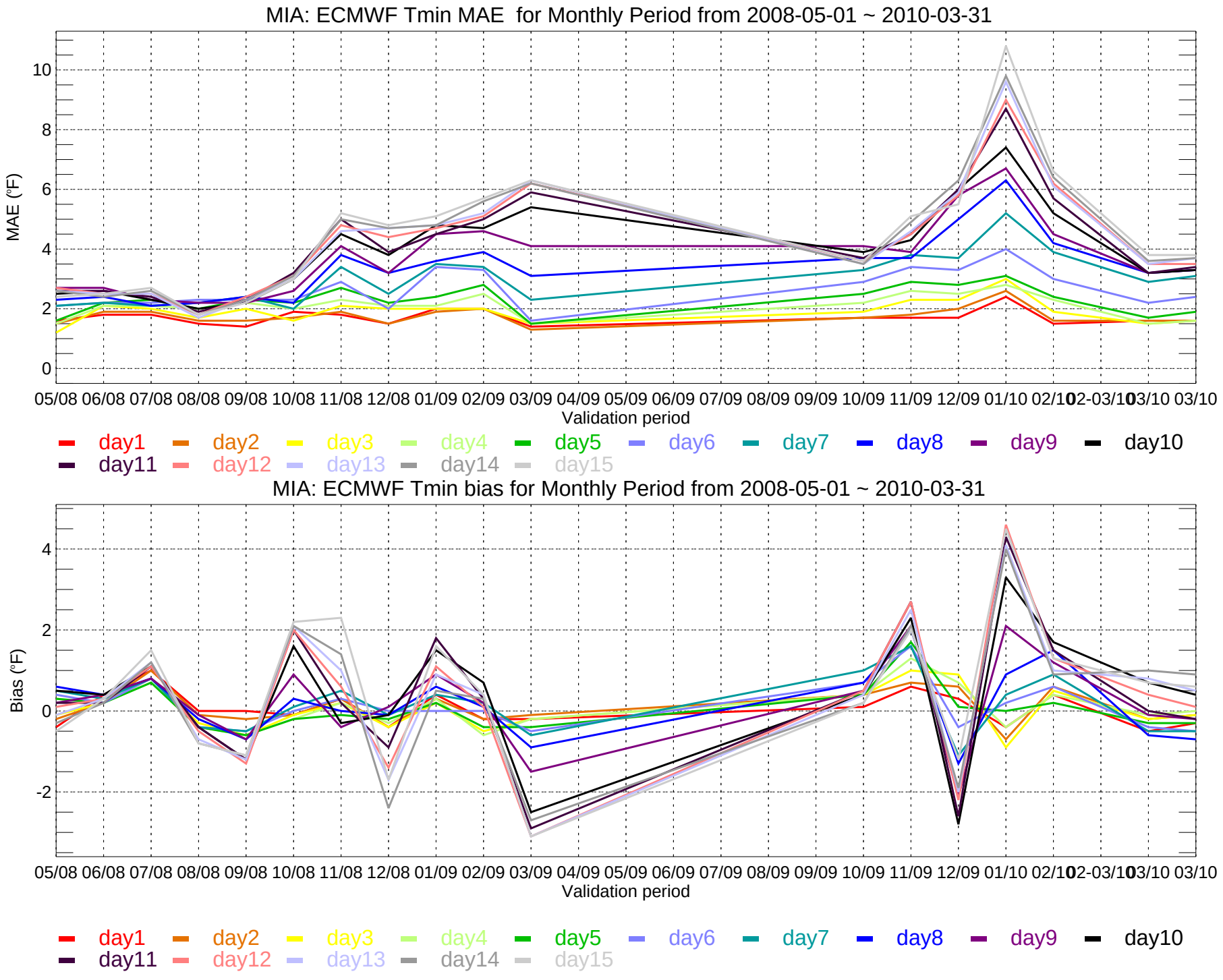

MEM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

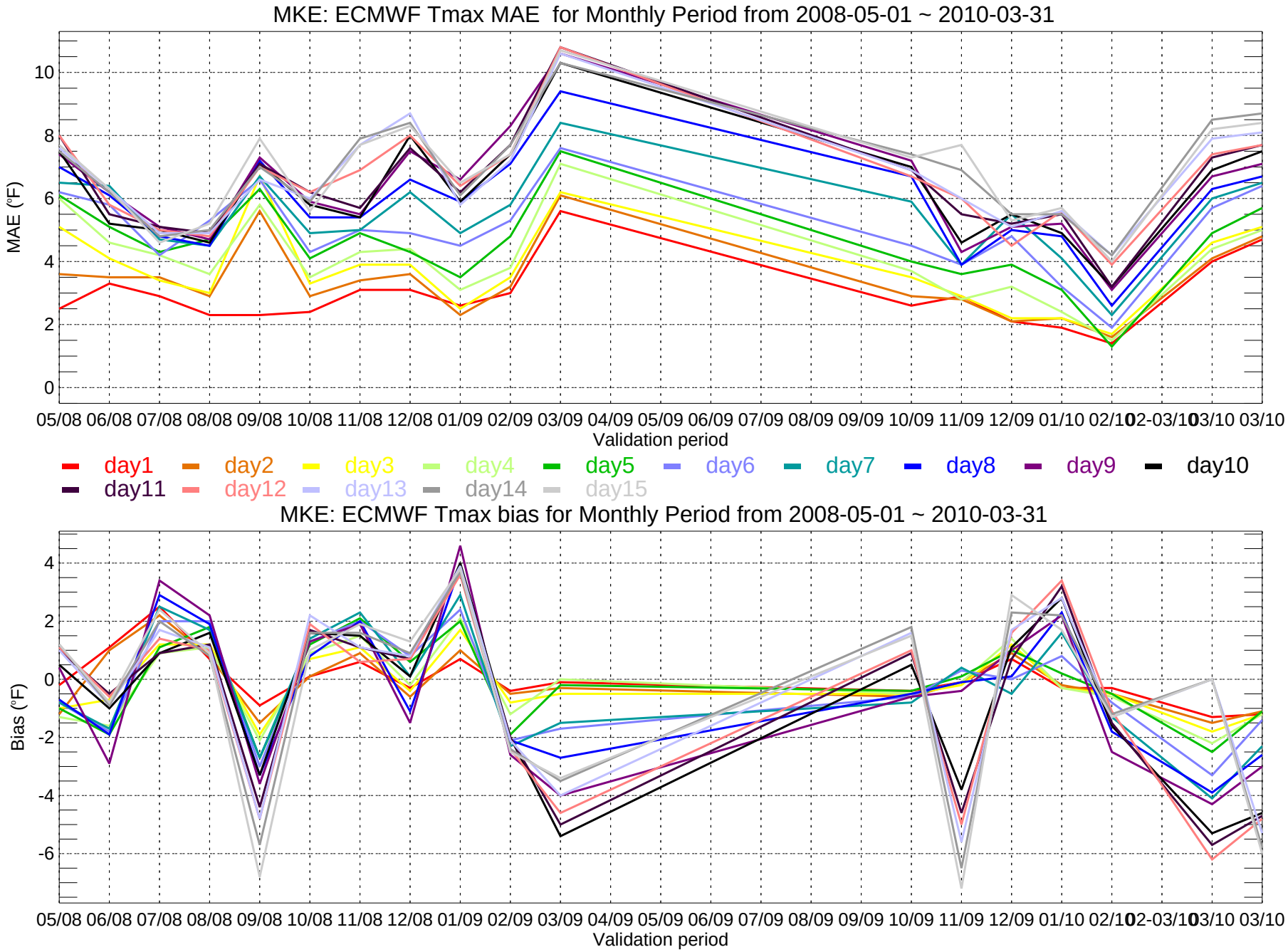

MEM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MEM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

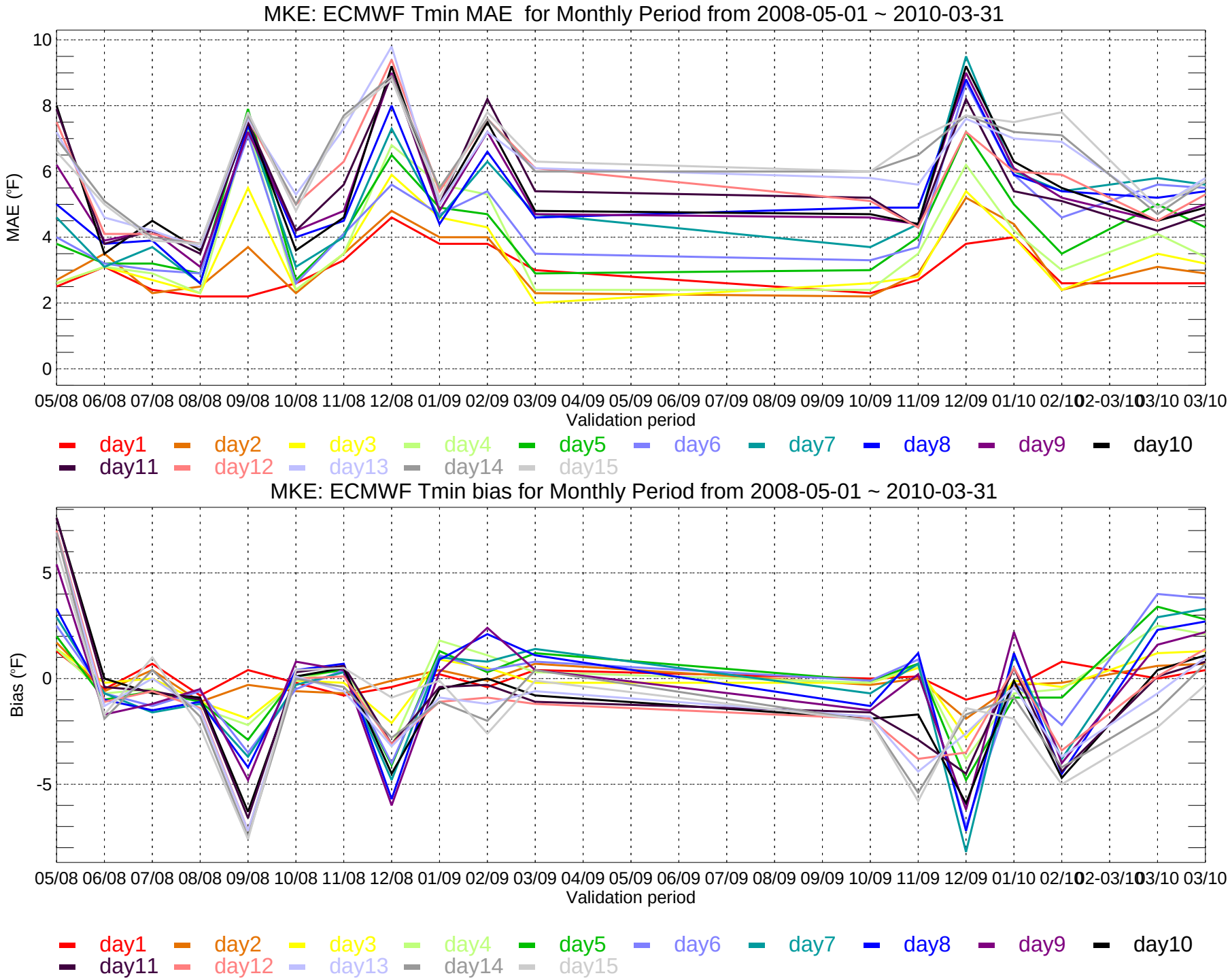

MHT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MHT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

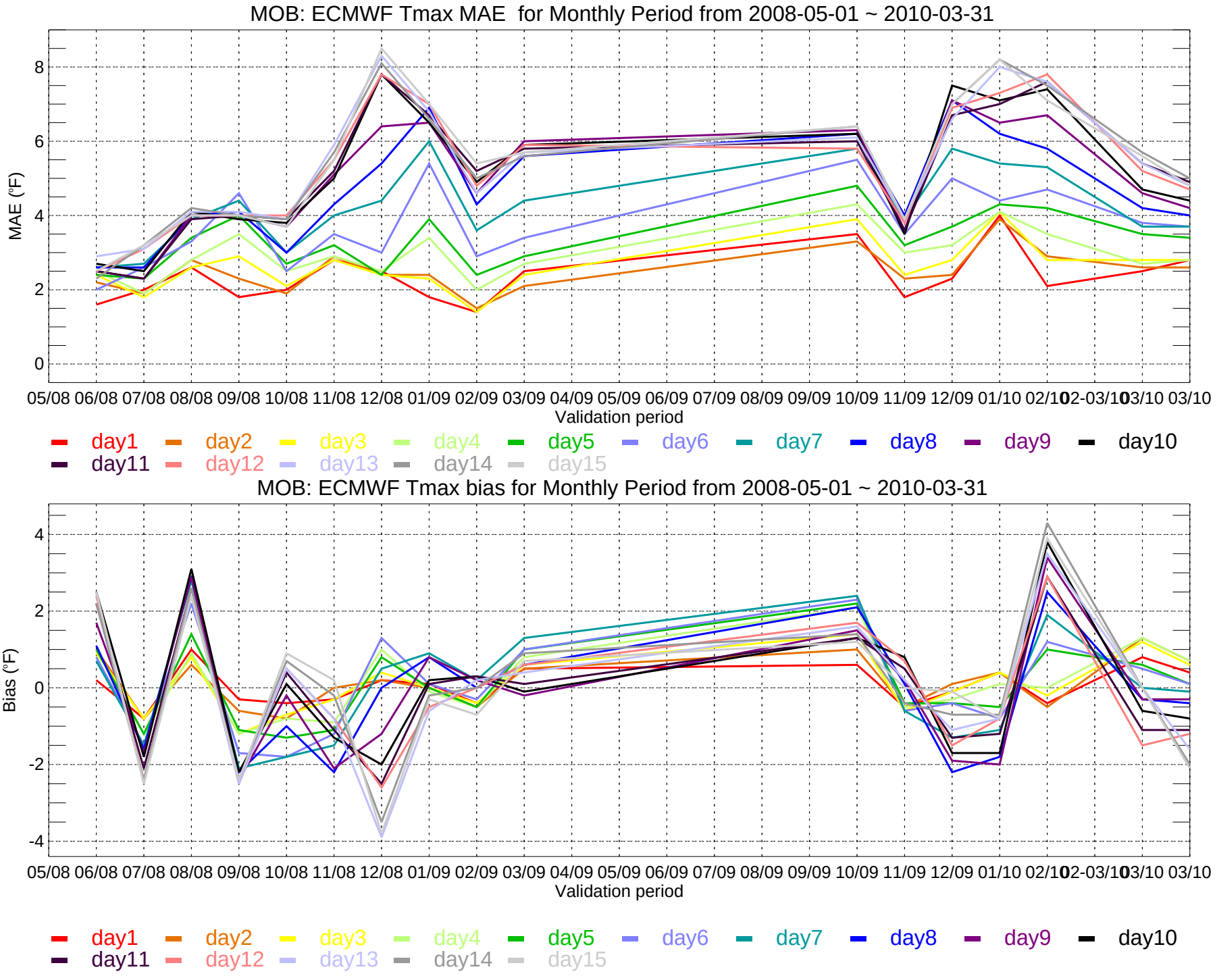

MHT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MHT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

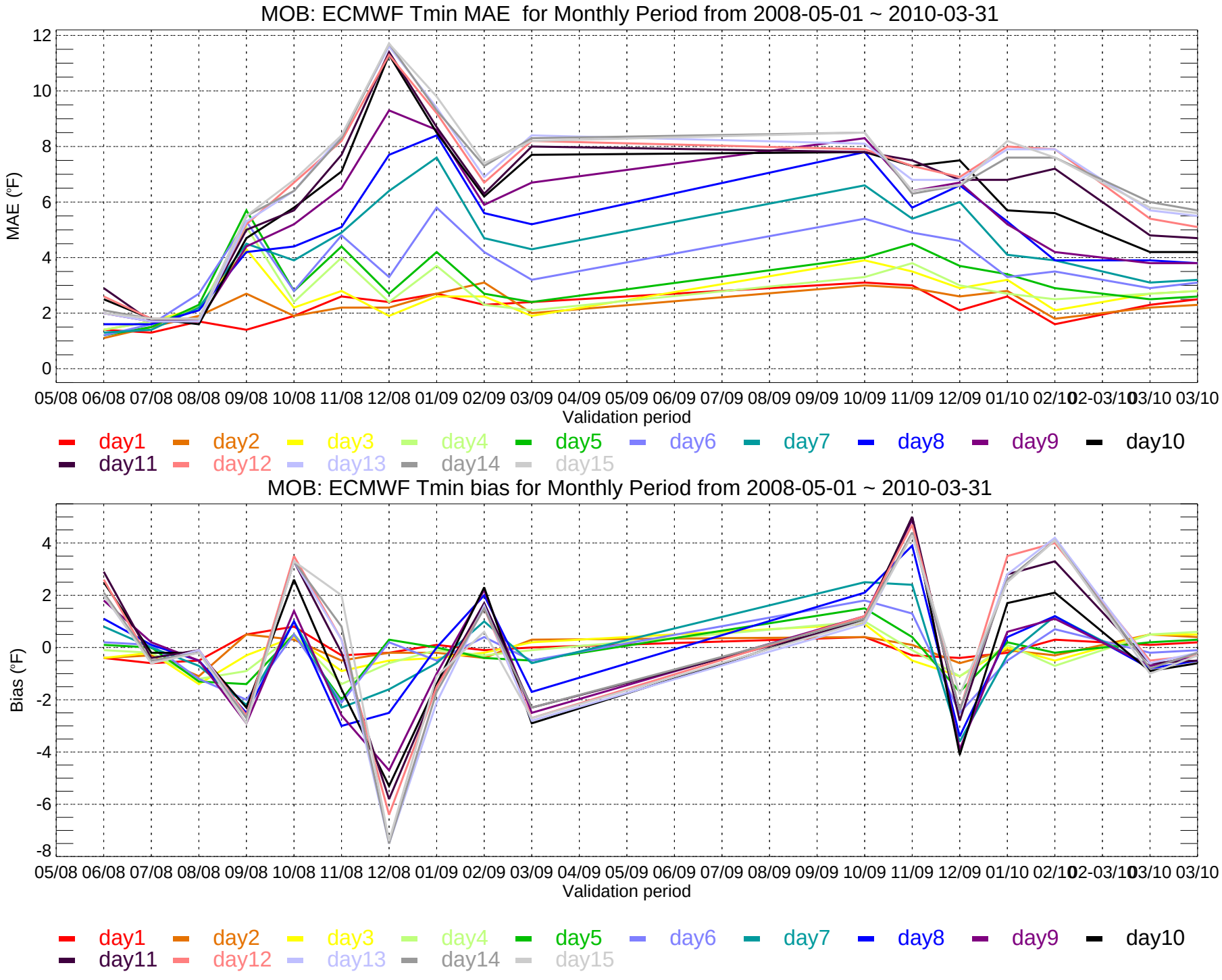

MIA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MIA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-2
-1
0
1
2
3
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

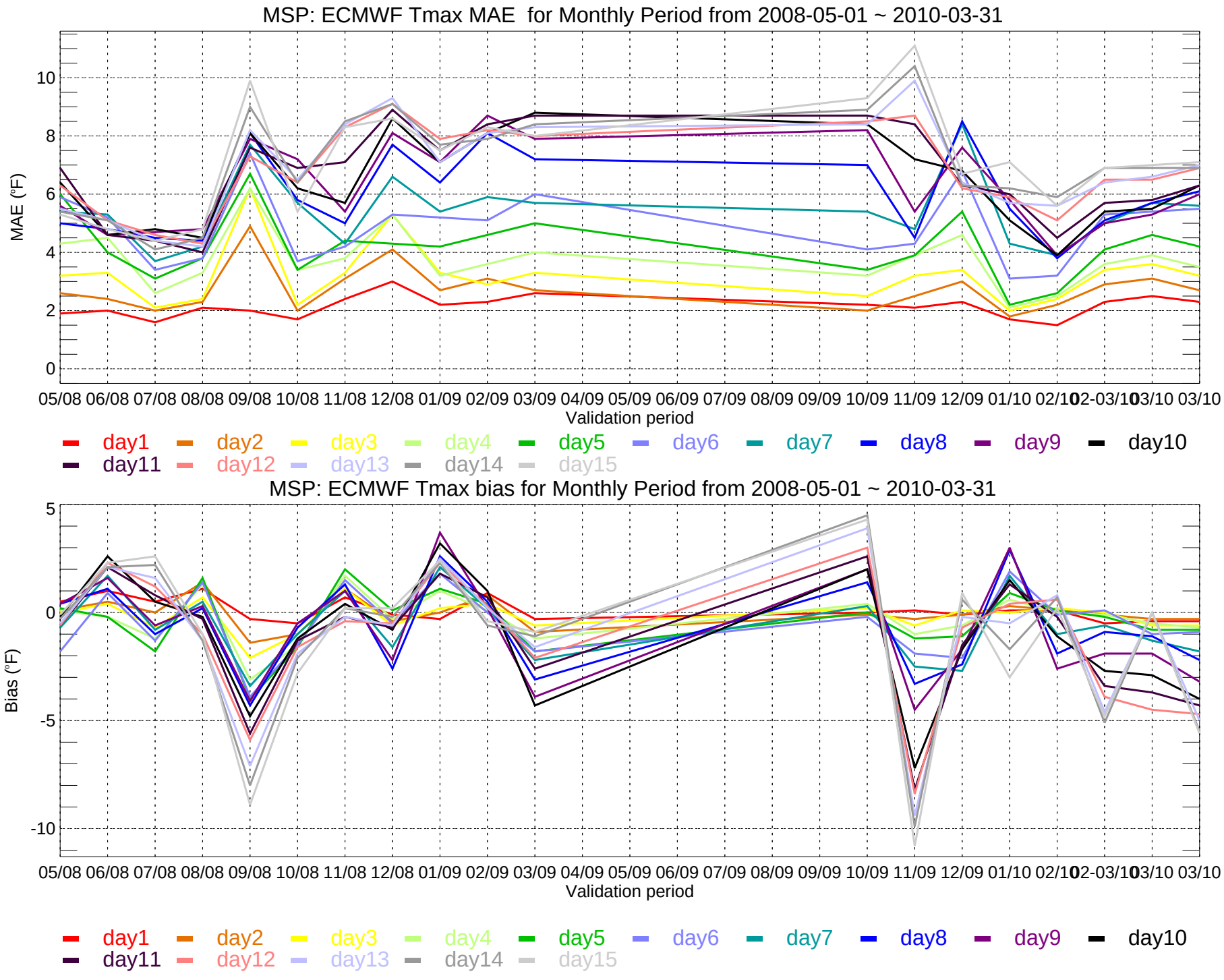

MIA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MIA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

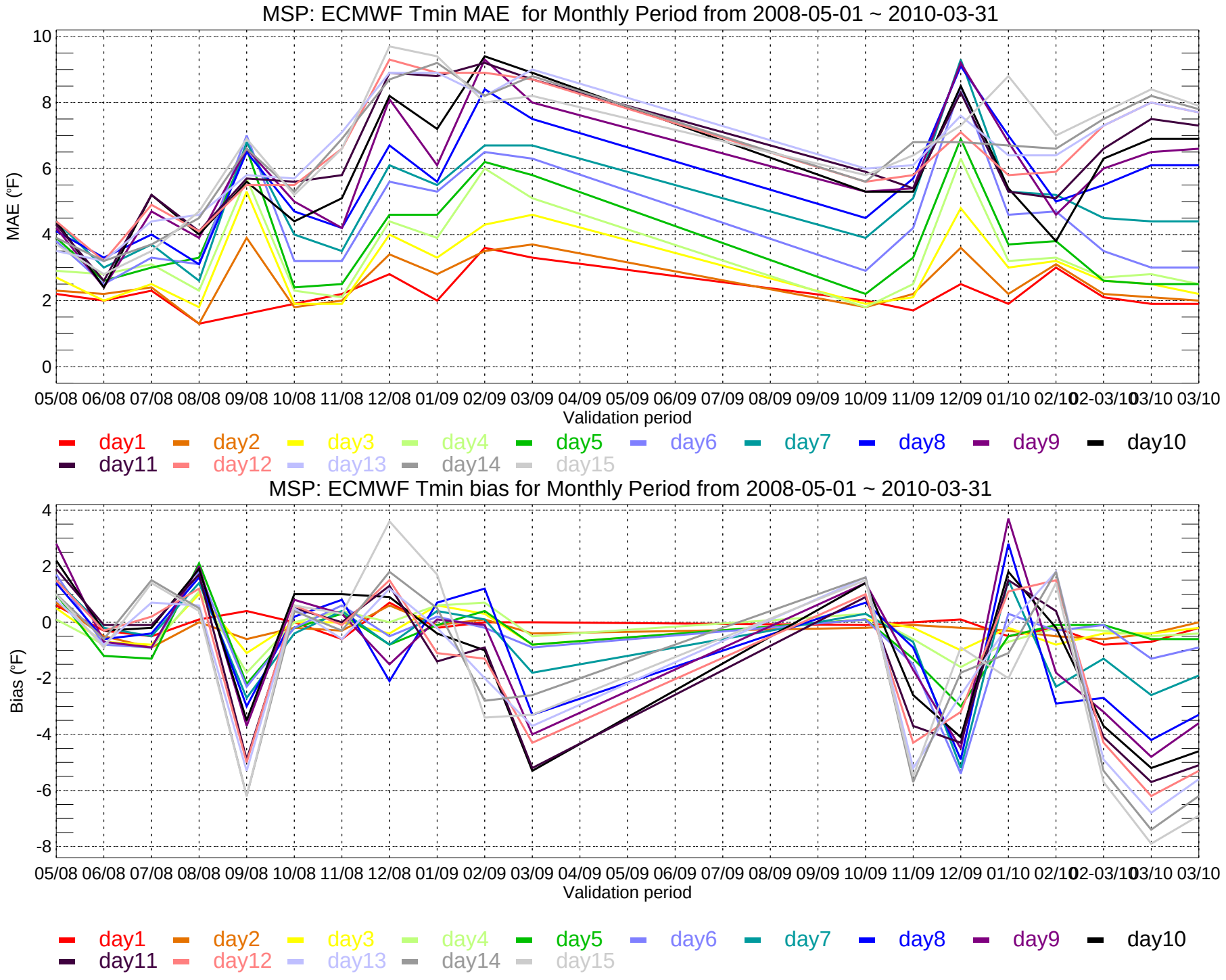

MKE: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MKE: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

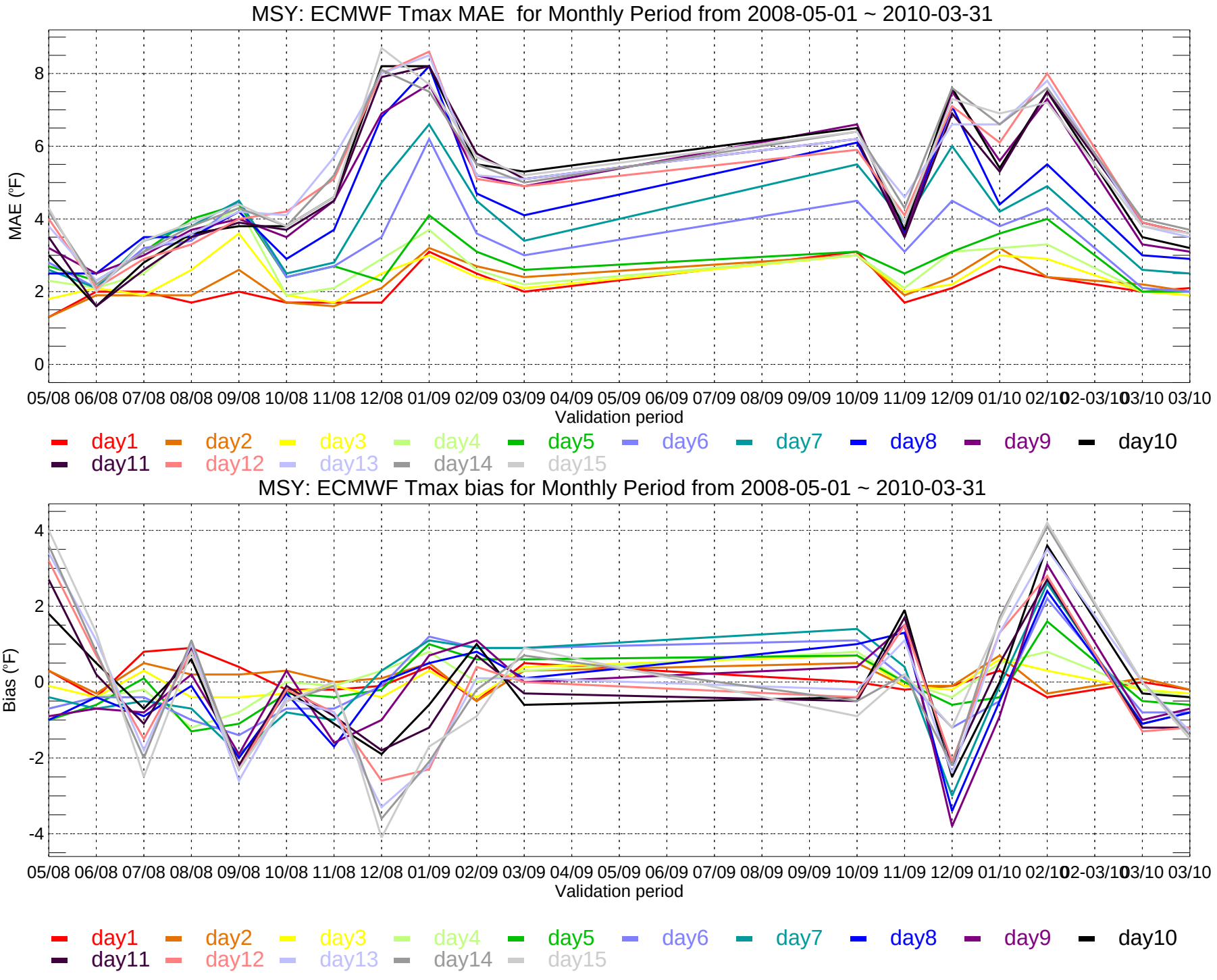

MKE: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MKE: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

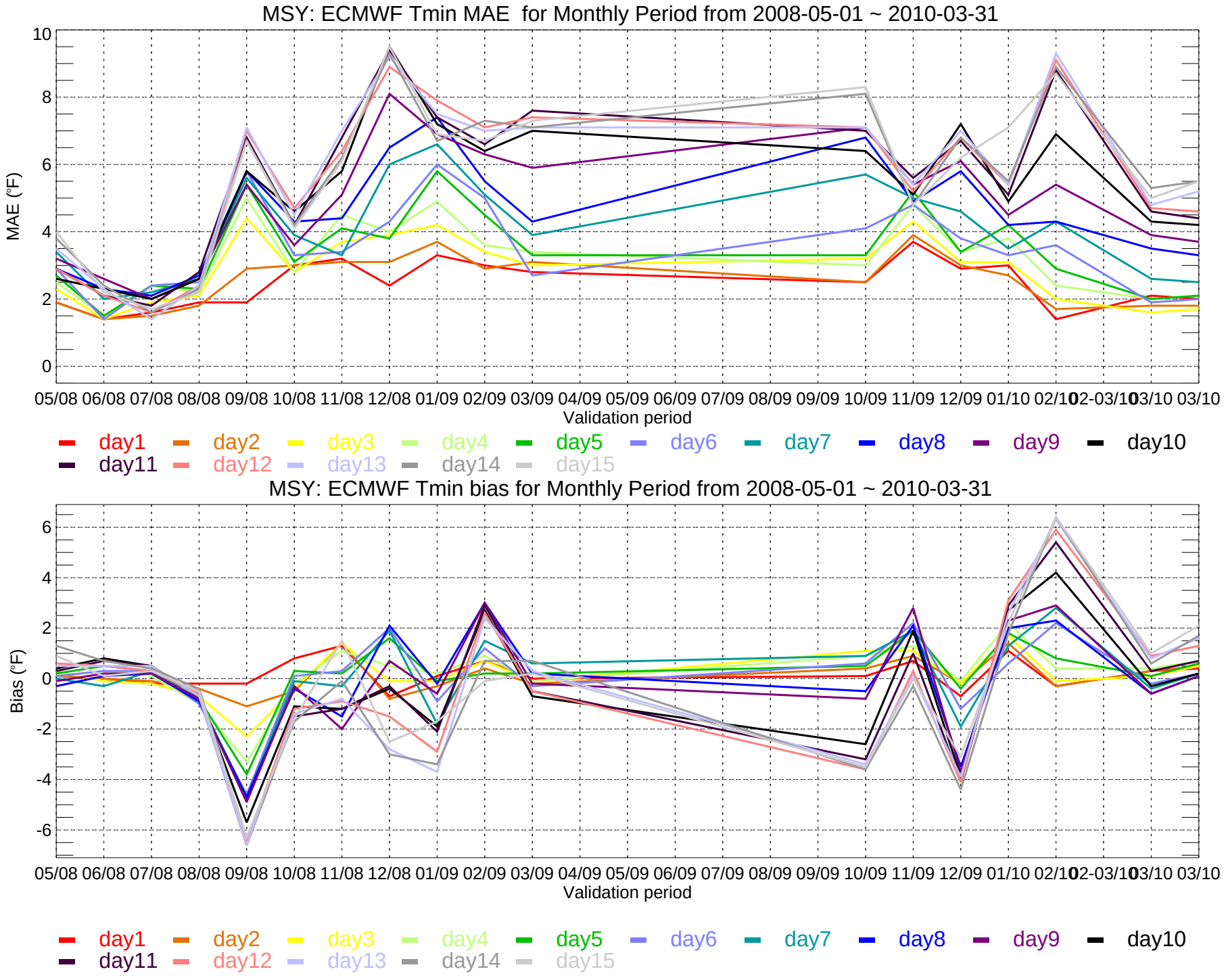

MOB: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MOB: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

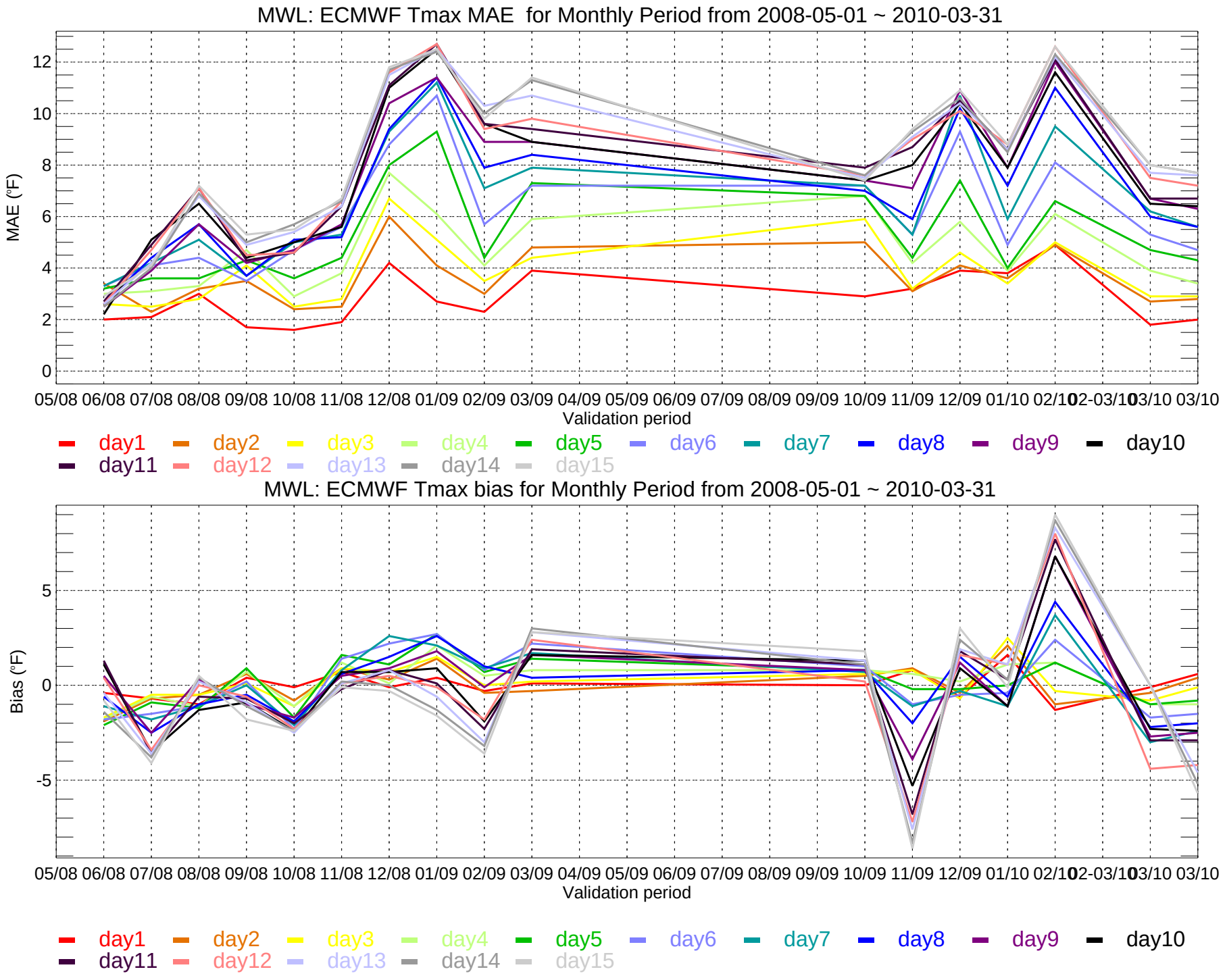

MOB: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MOB: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

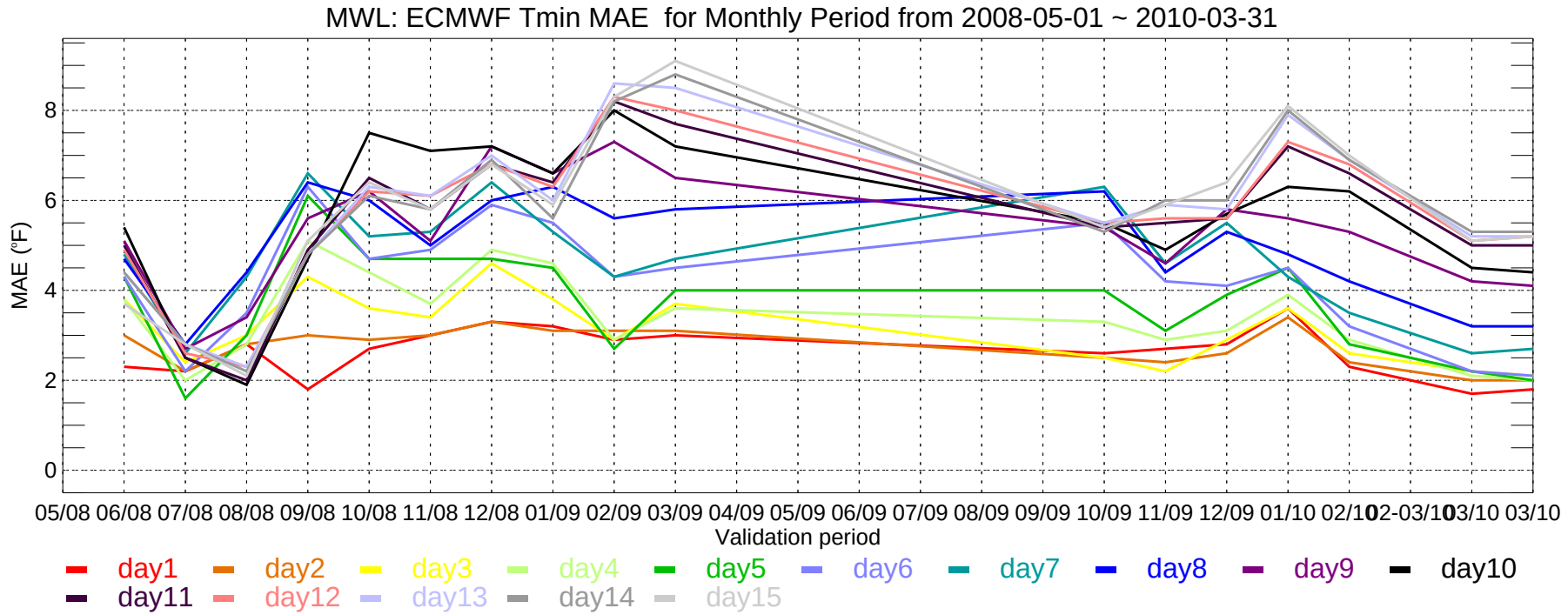

MSP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MSP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

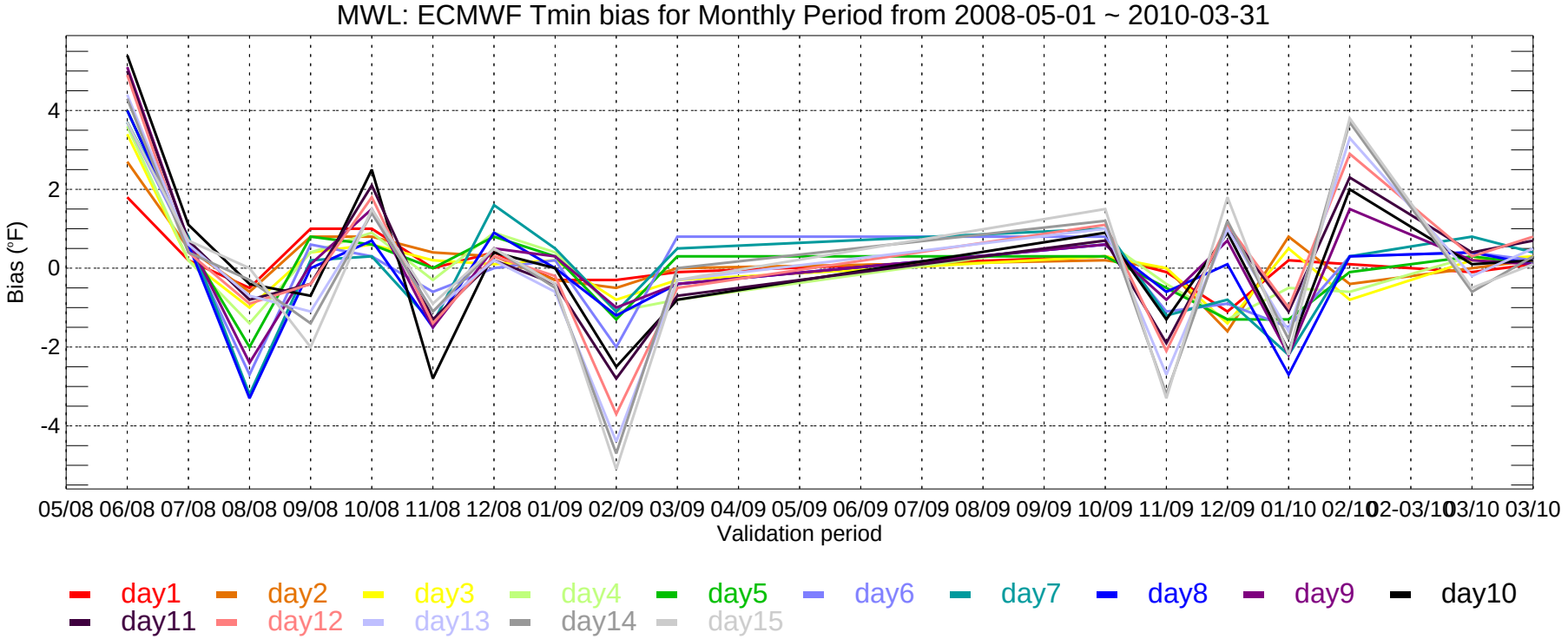

MSP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MSP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

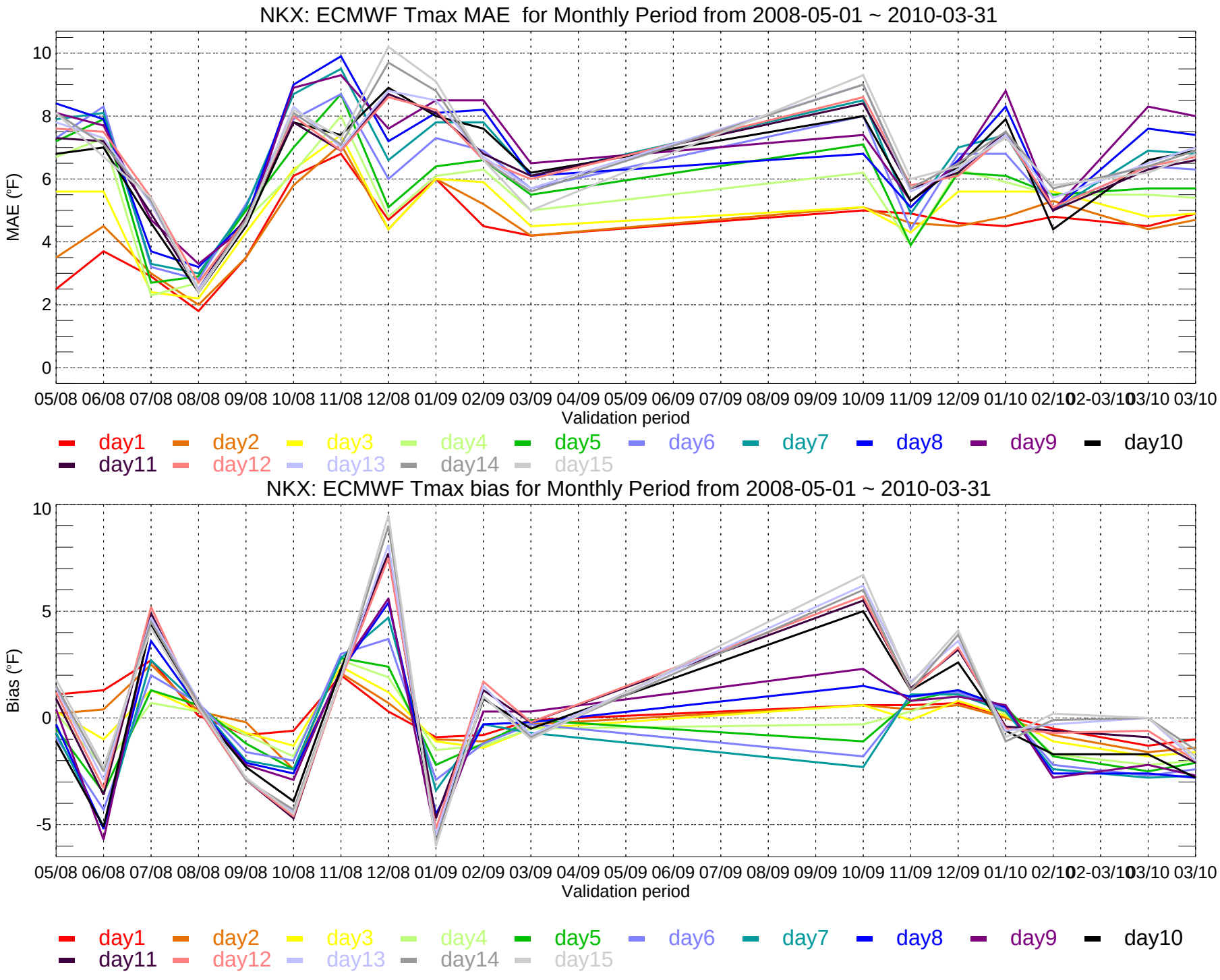

MSY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MSY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

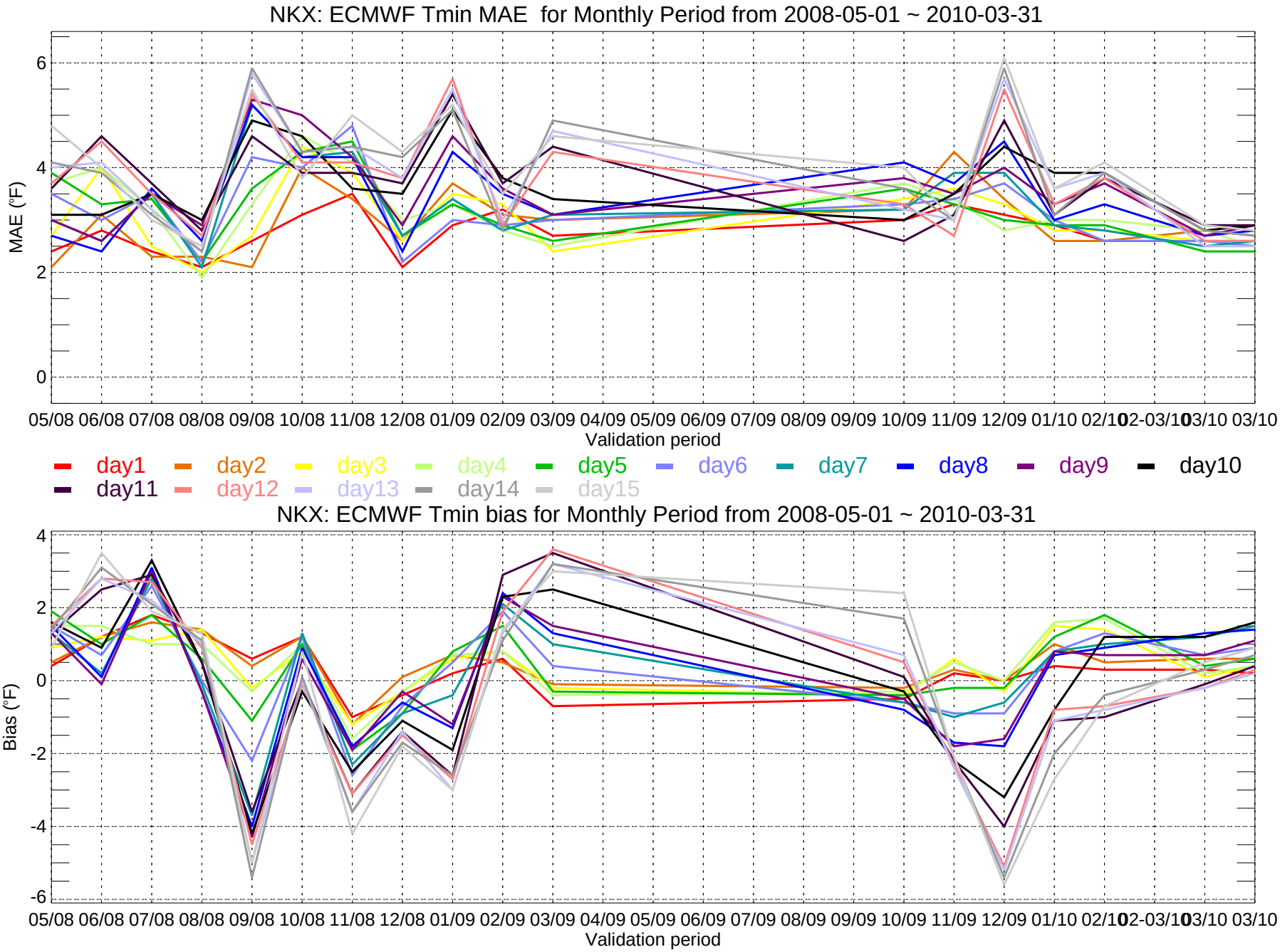

MSY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MSY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

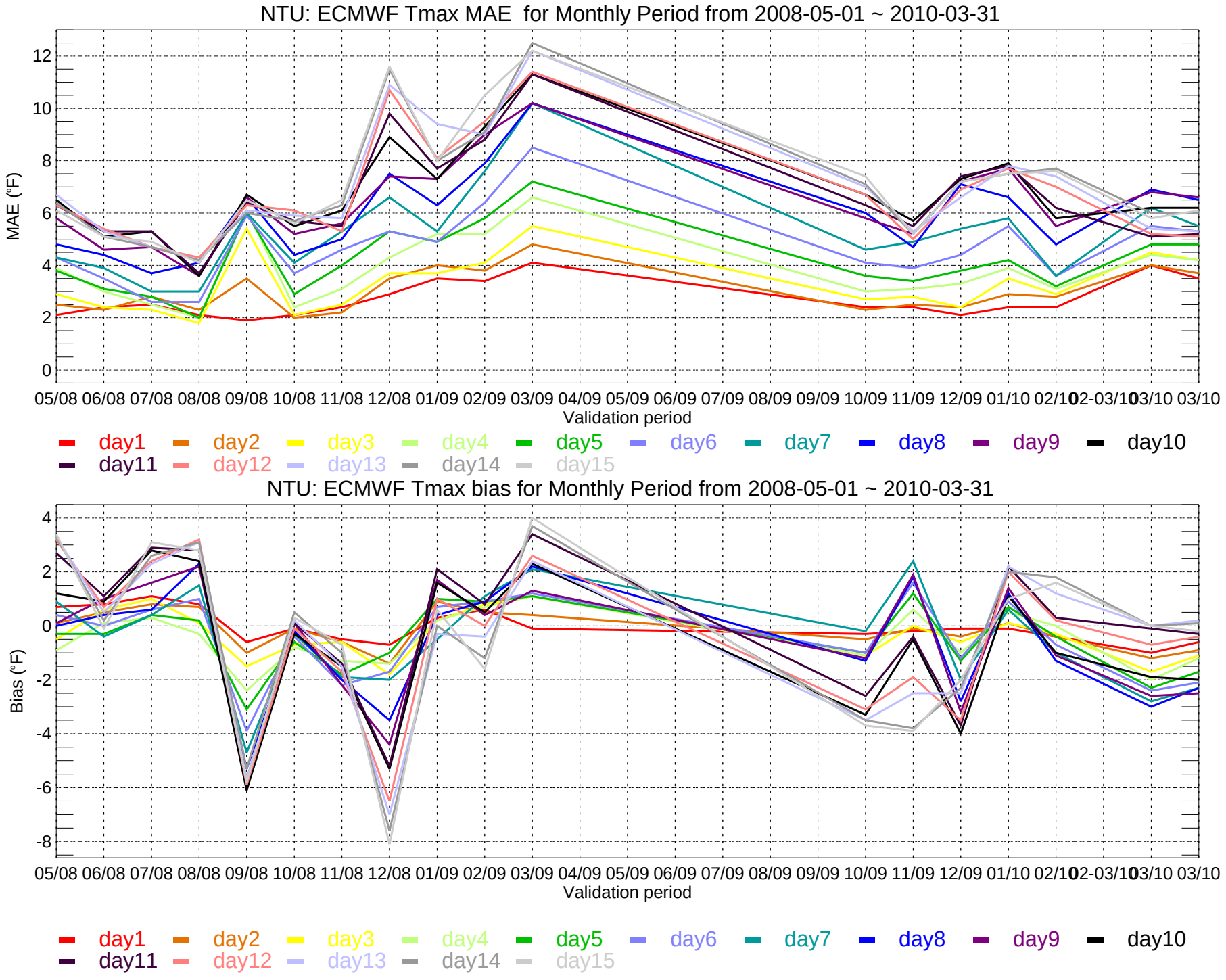

MWL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
MWL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

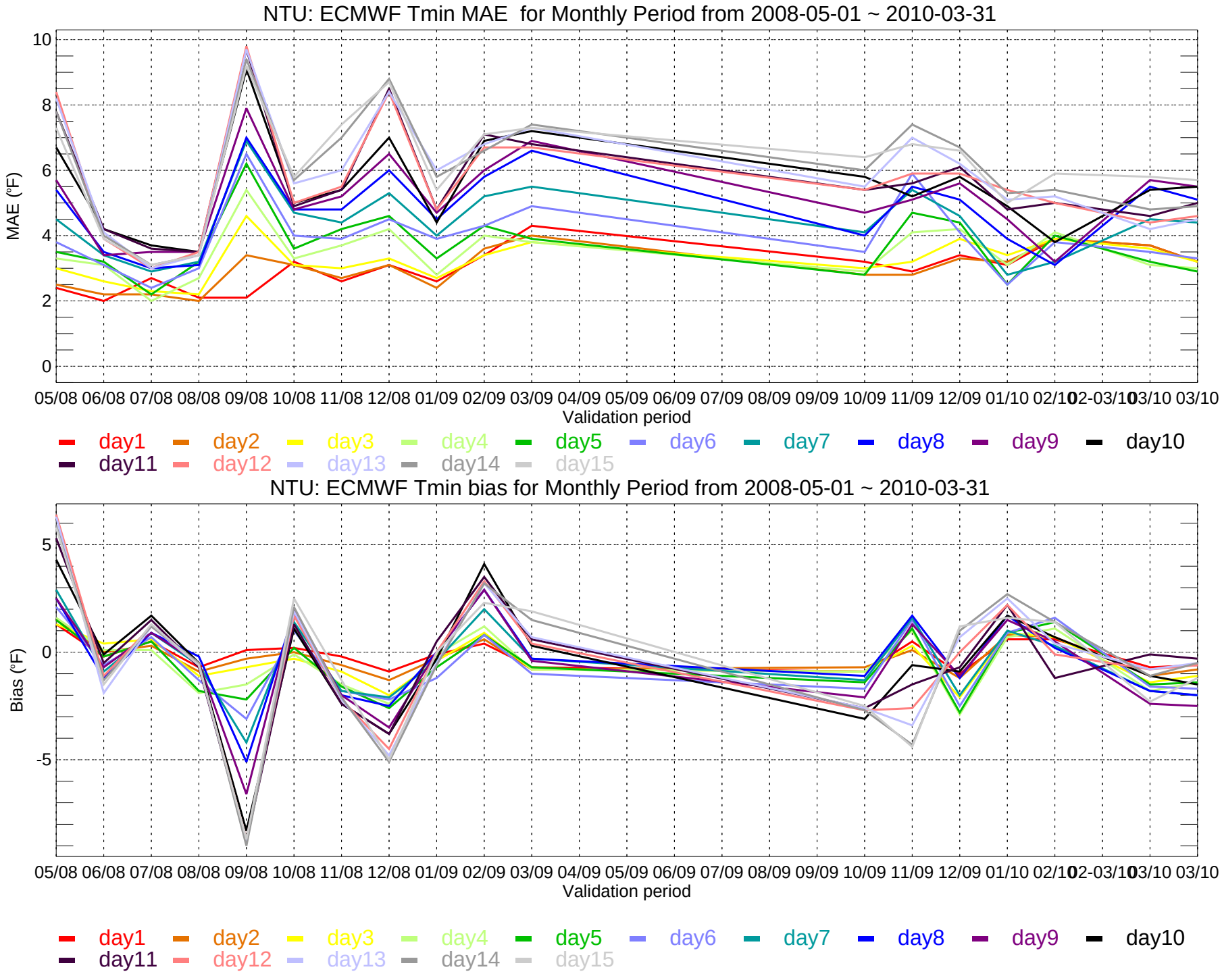

MWL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

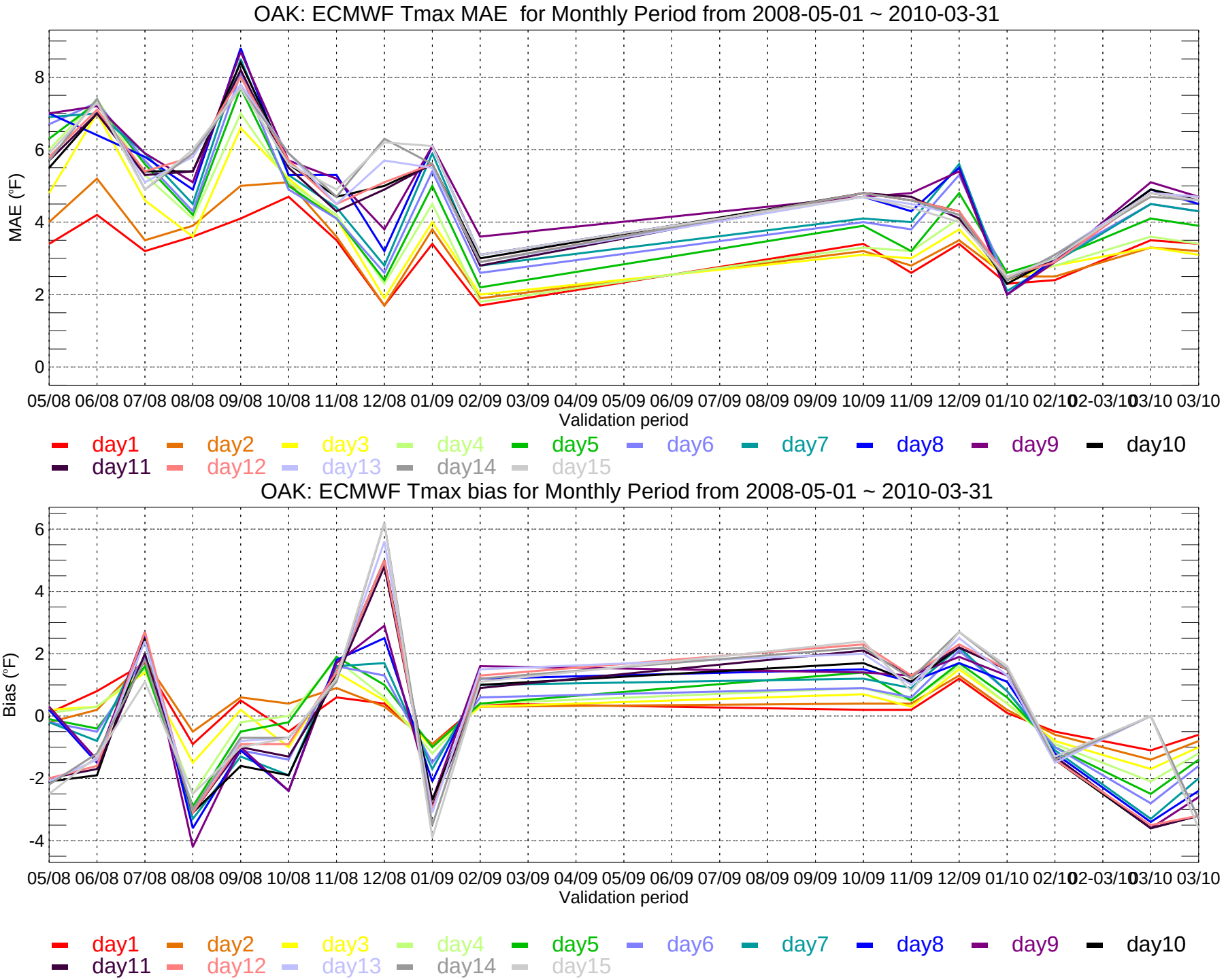

MWL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

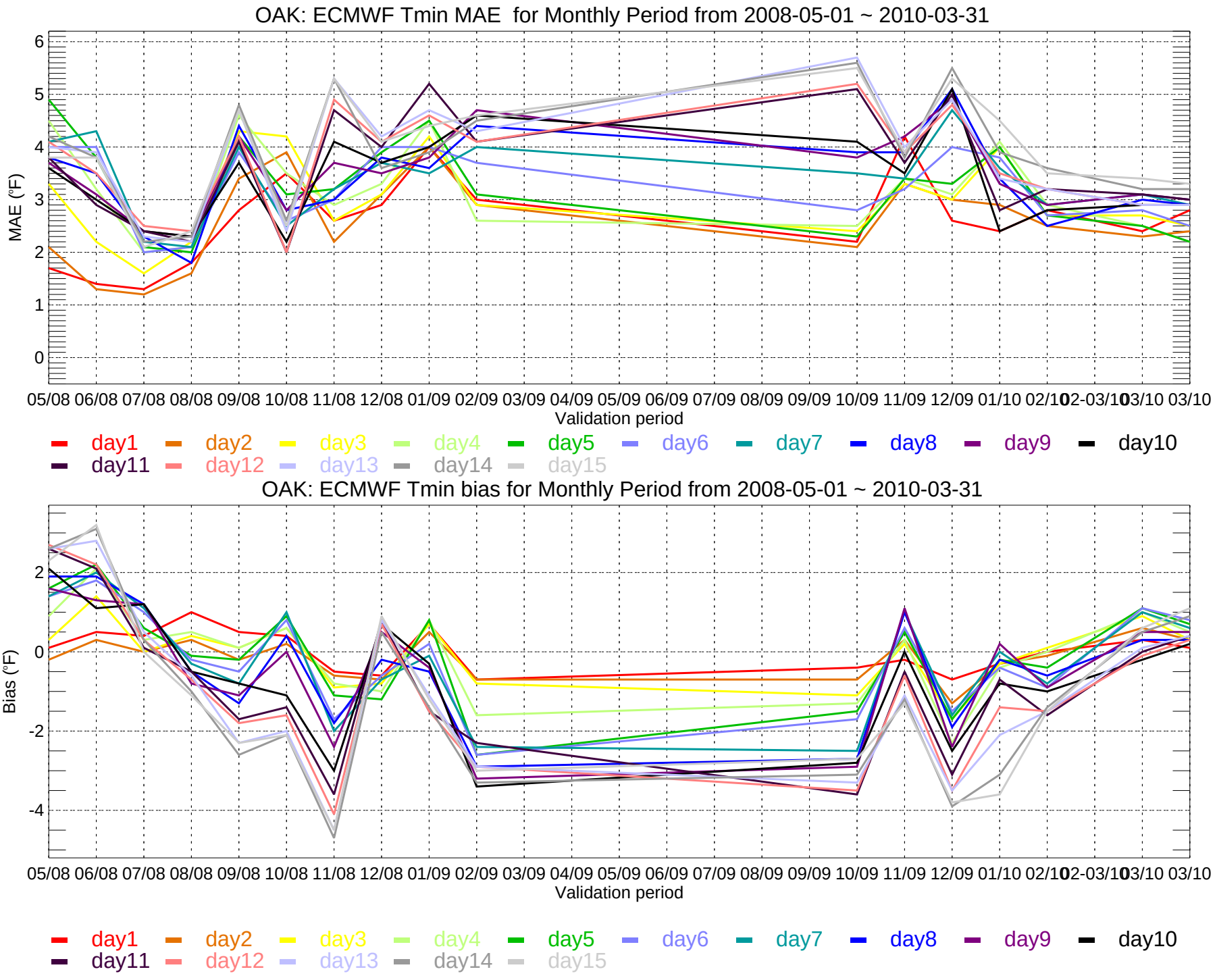

NKX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
NKX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
10
5
0
-5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

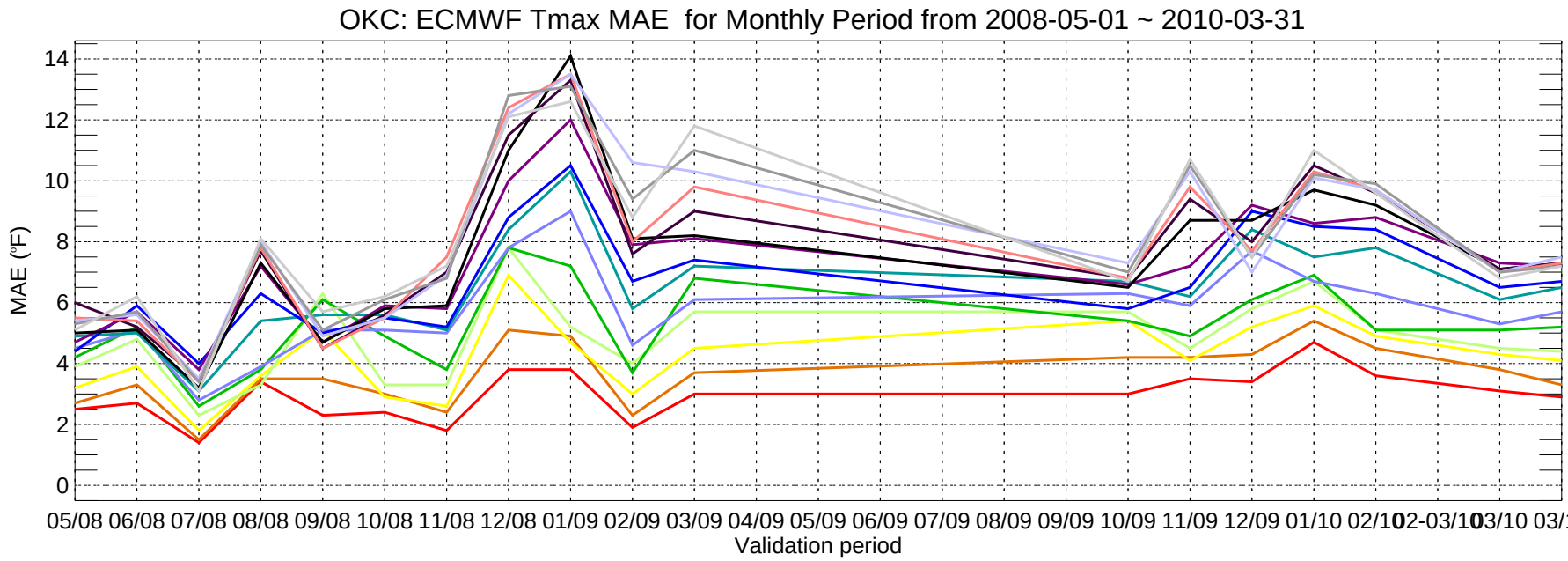

NKX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
NKX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

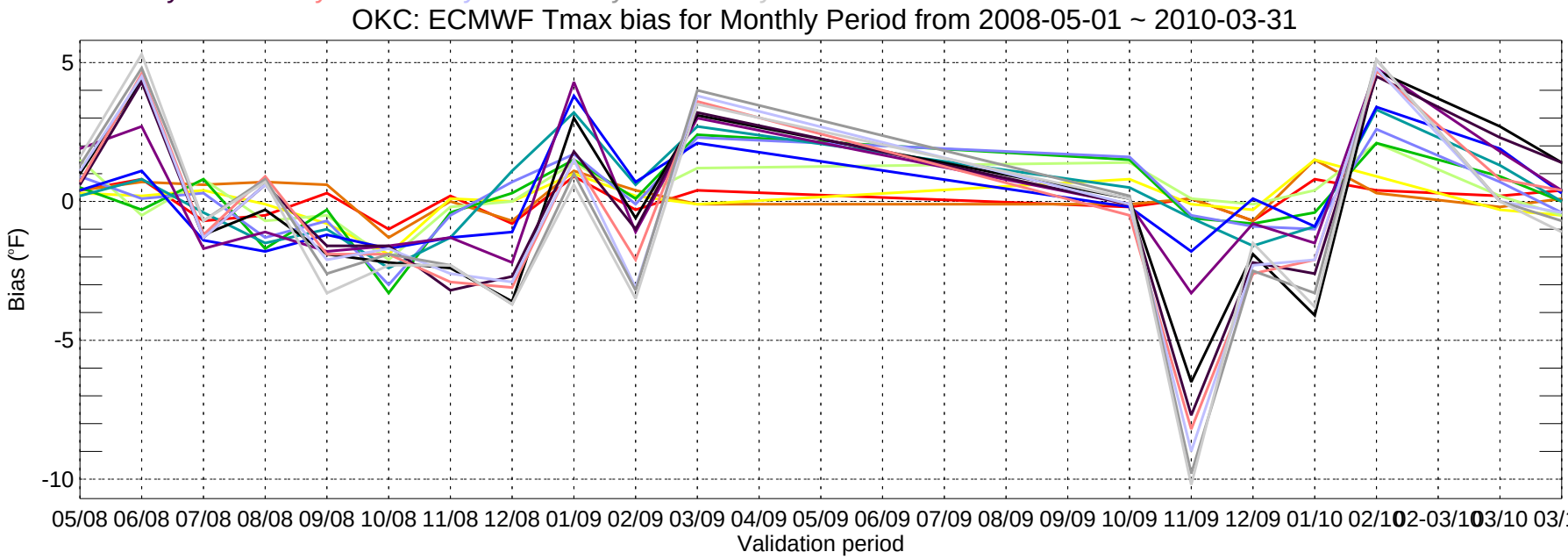

NTU: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
NTU: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

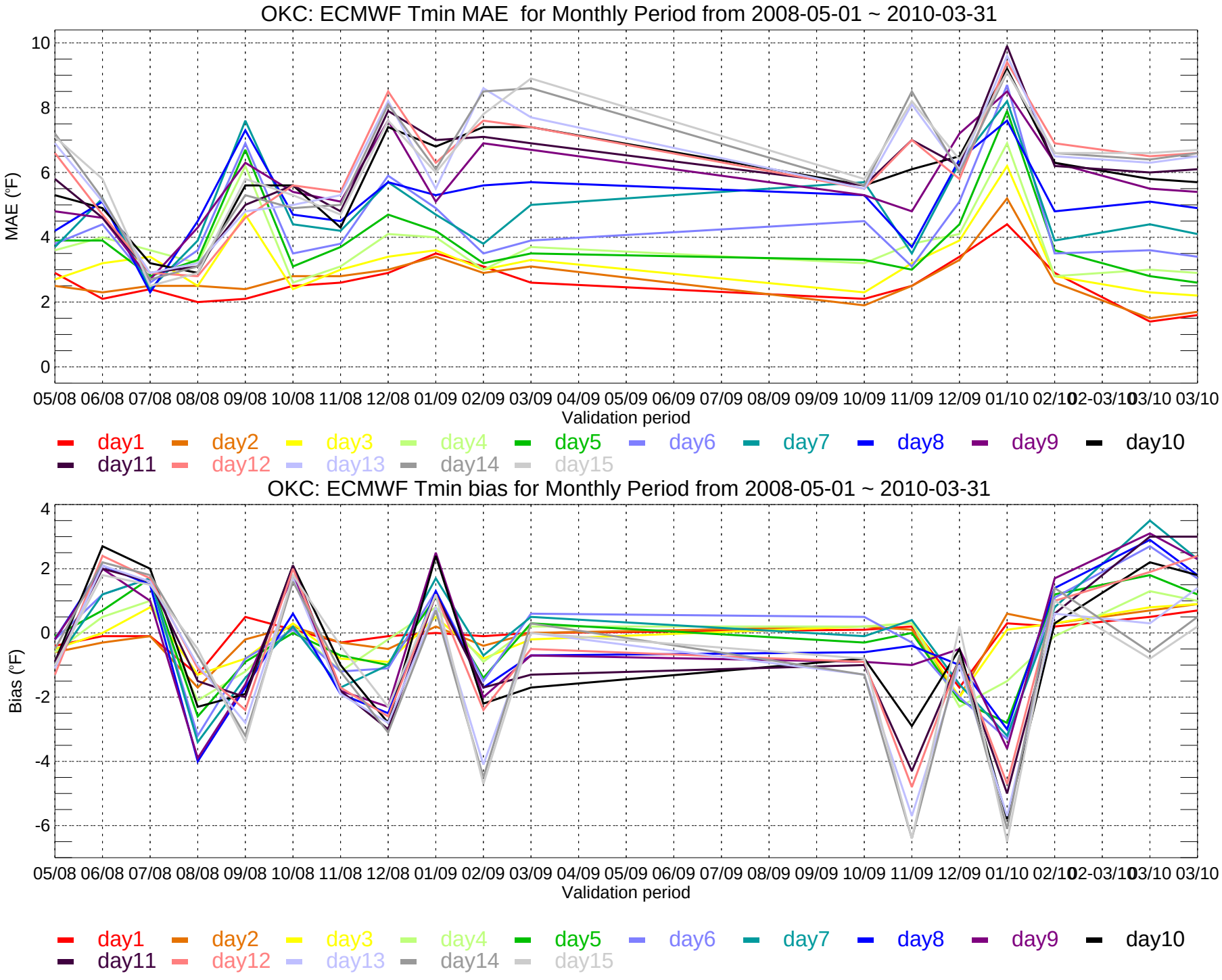

NTU: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
NTU: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

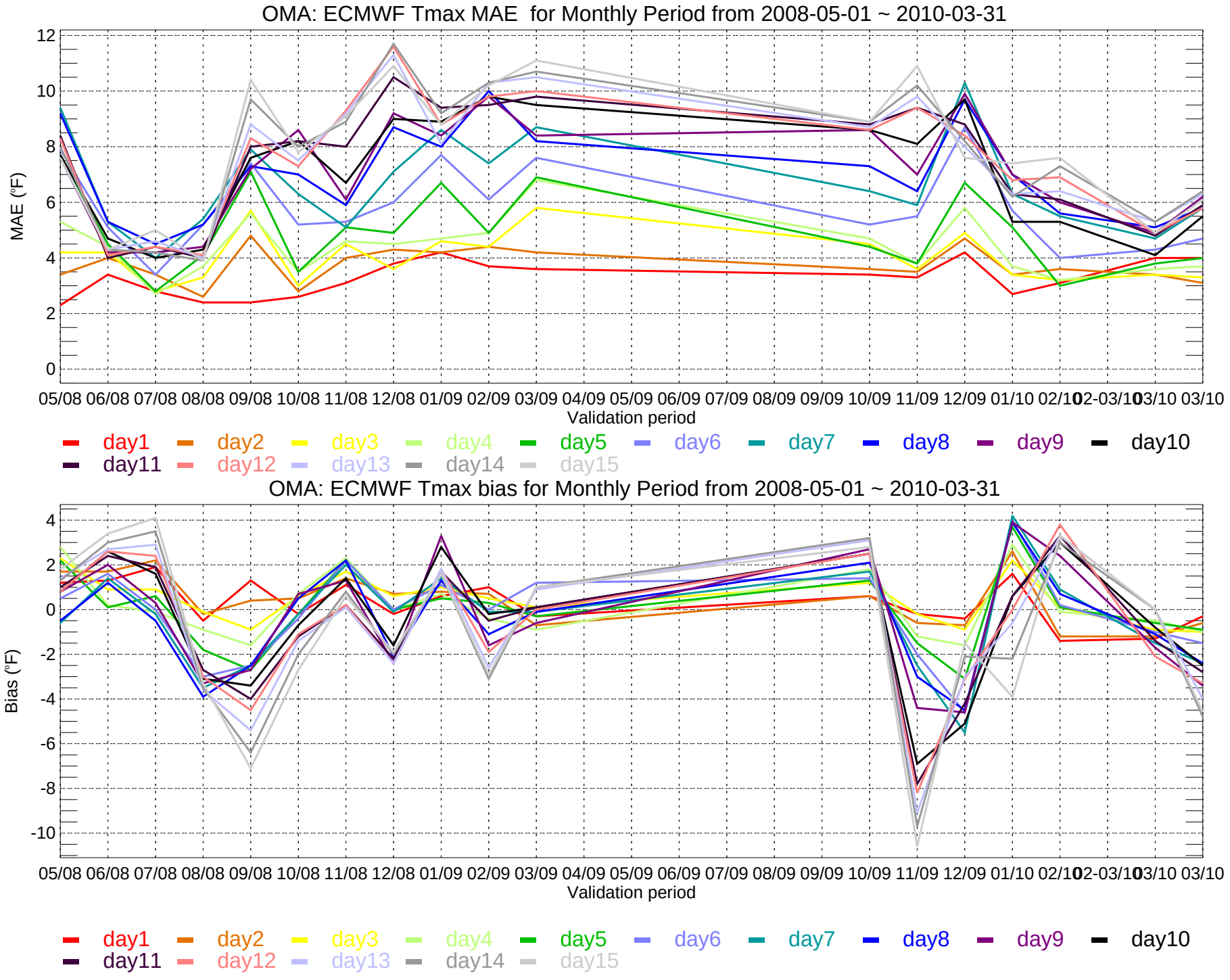

OAK: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
OAK: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

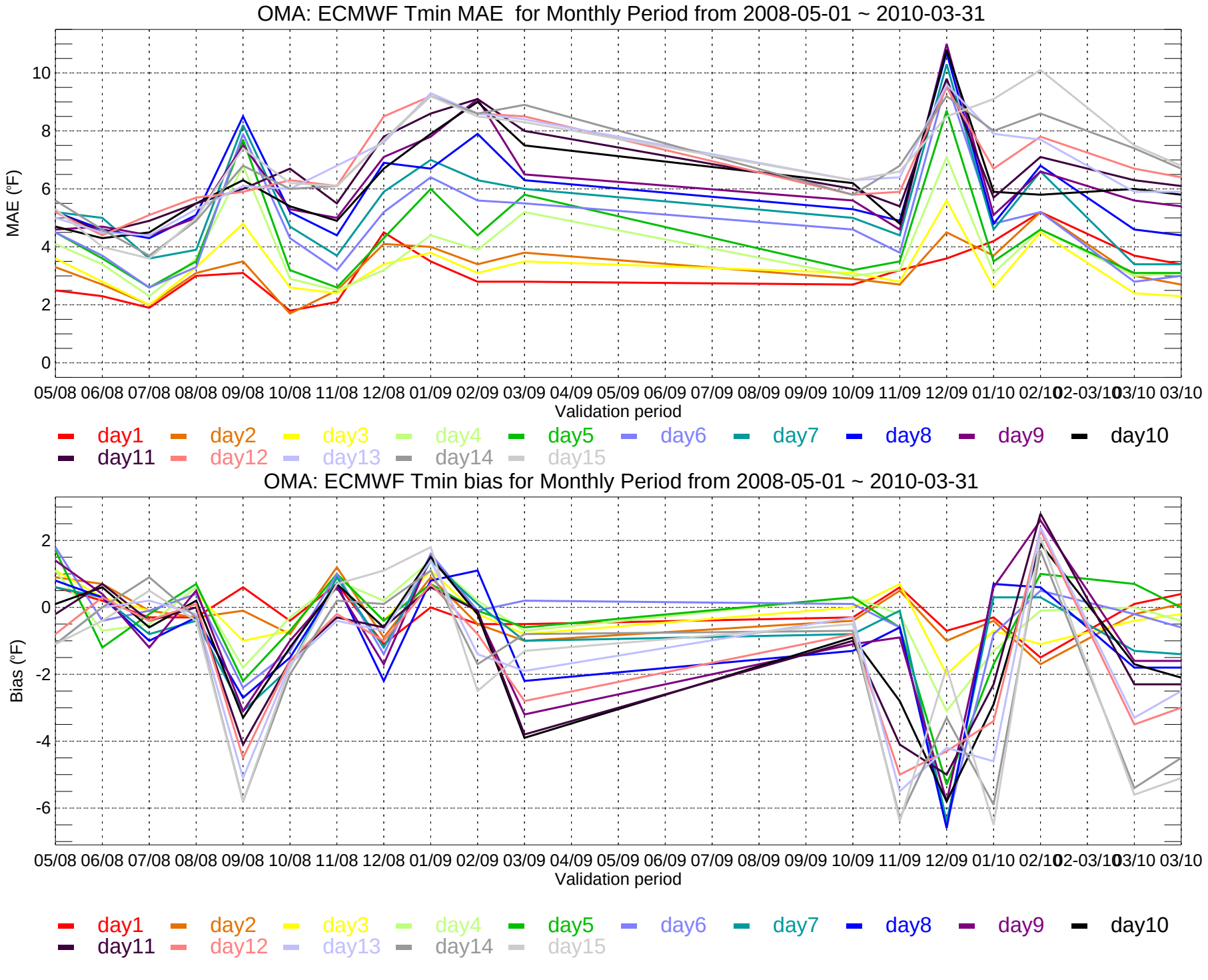

OAK: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
1
2
3
4
5
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
OAK: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

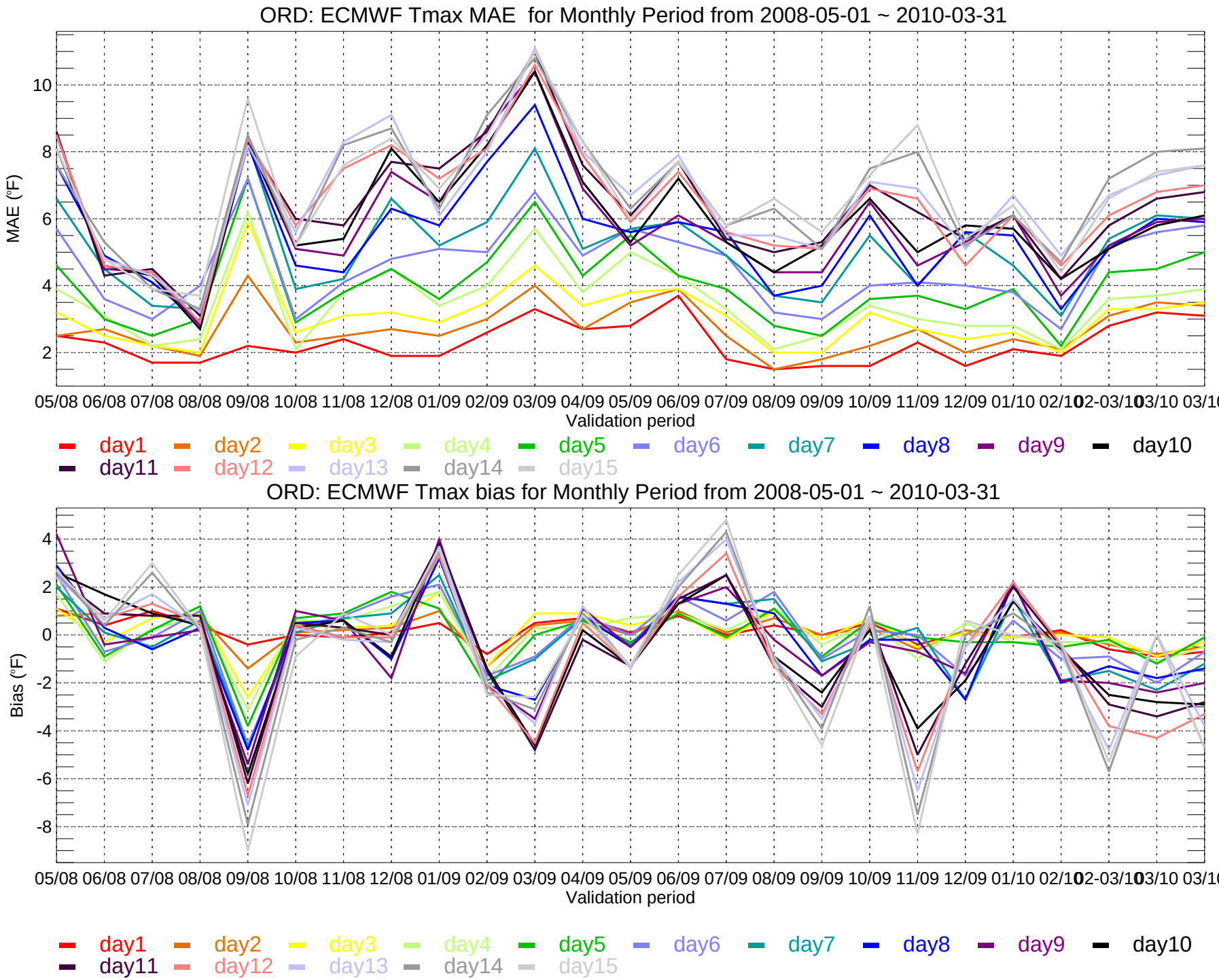

OKC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
14
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

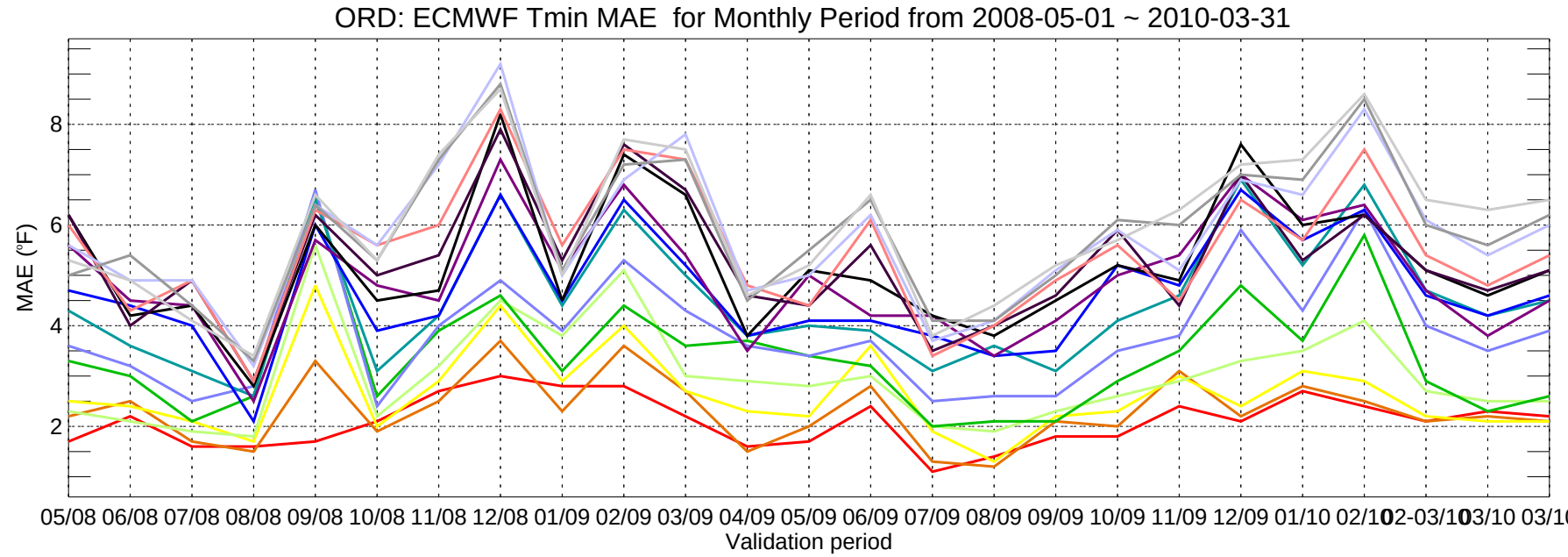

OKC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

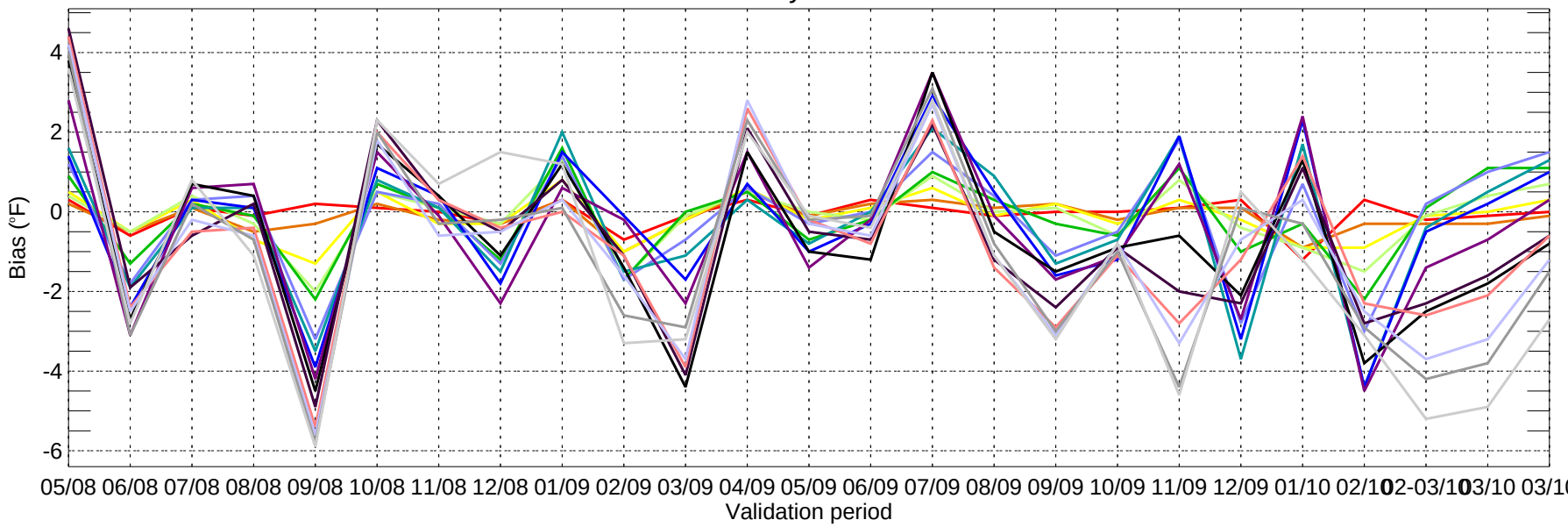

OKC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
OKC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

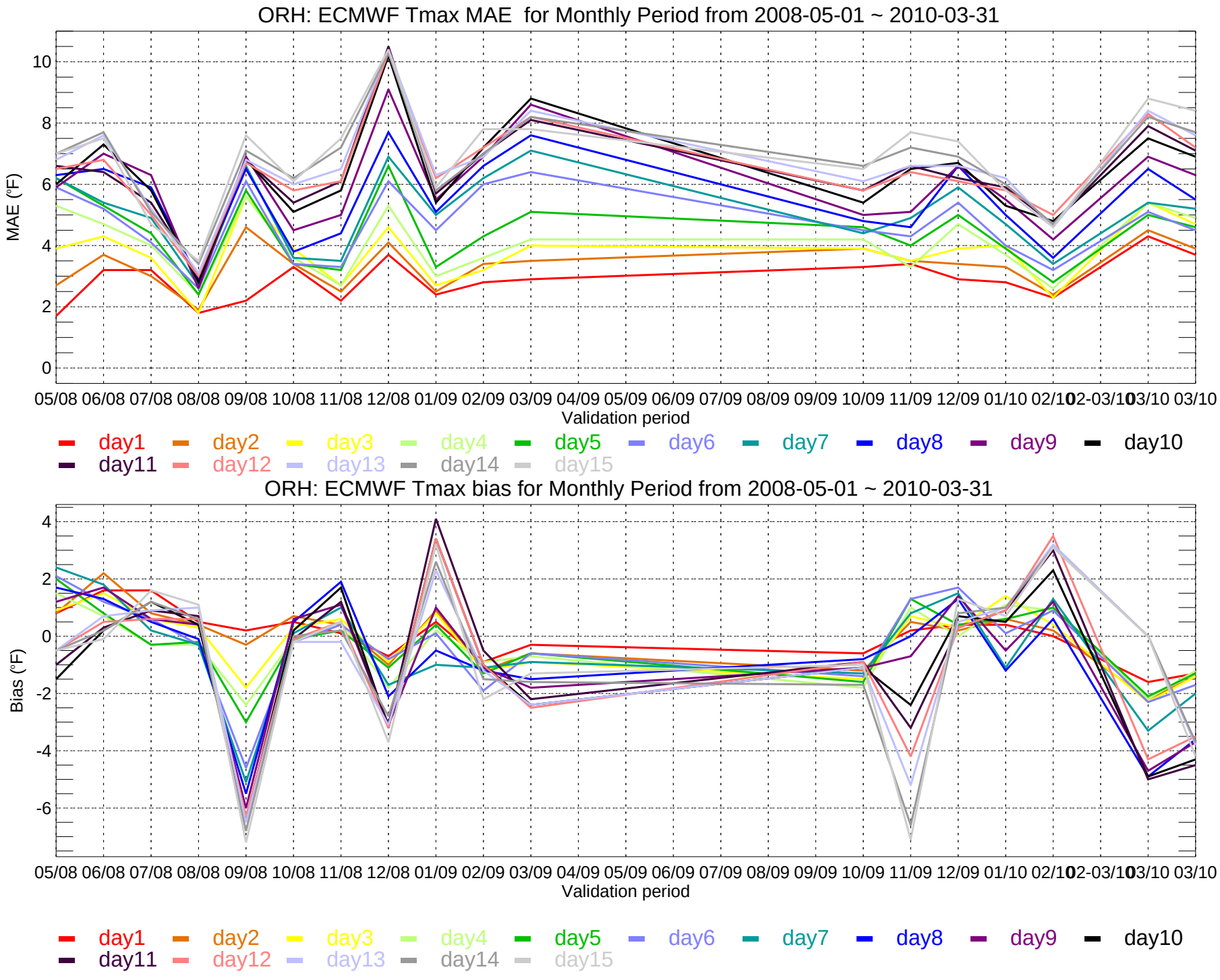

OMA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
OMA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

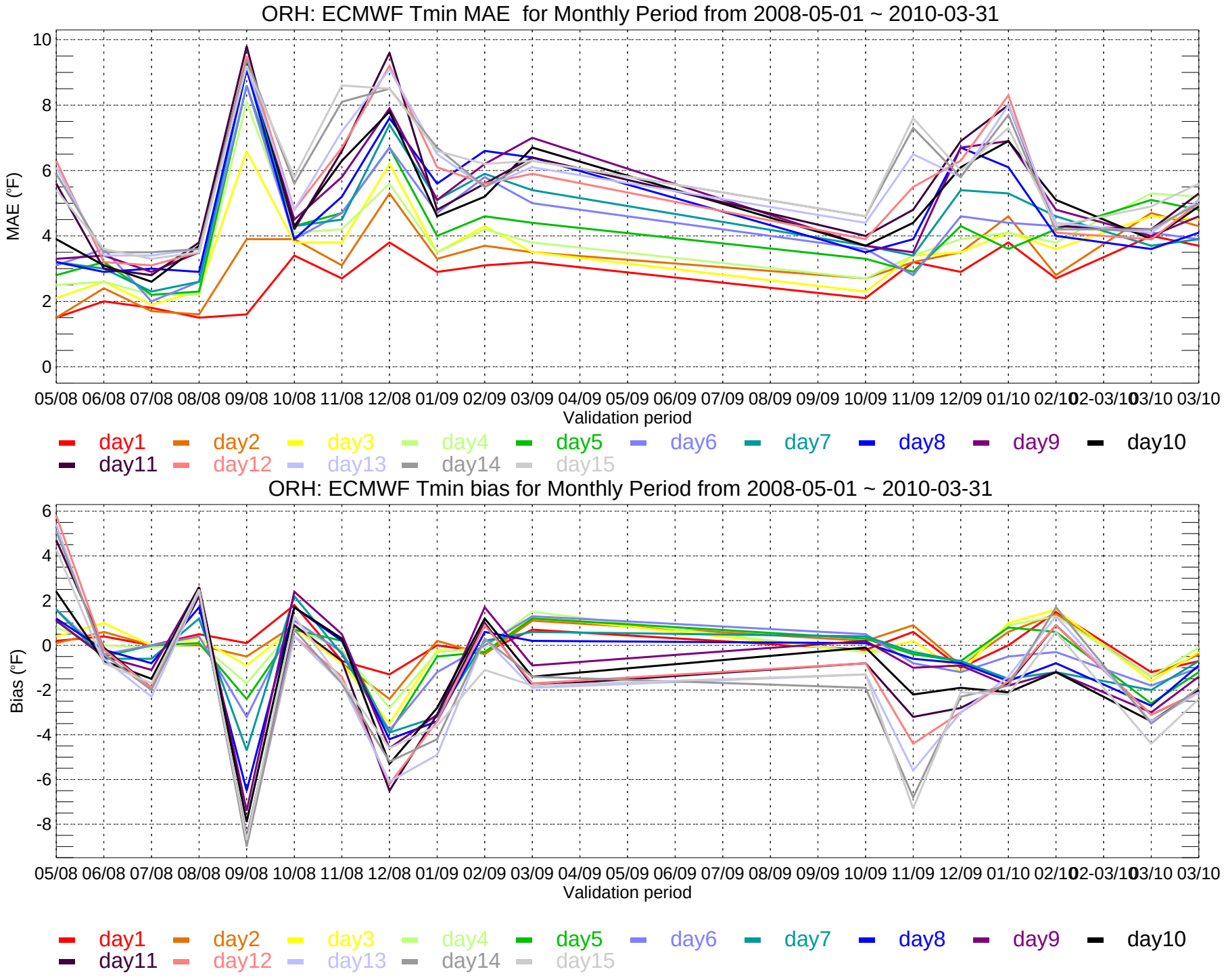

OMA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
OMA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

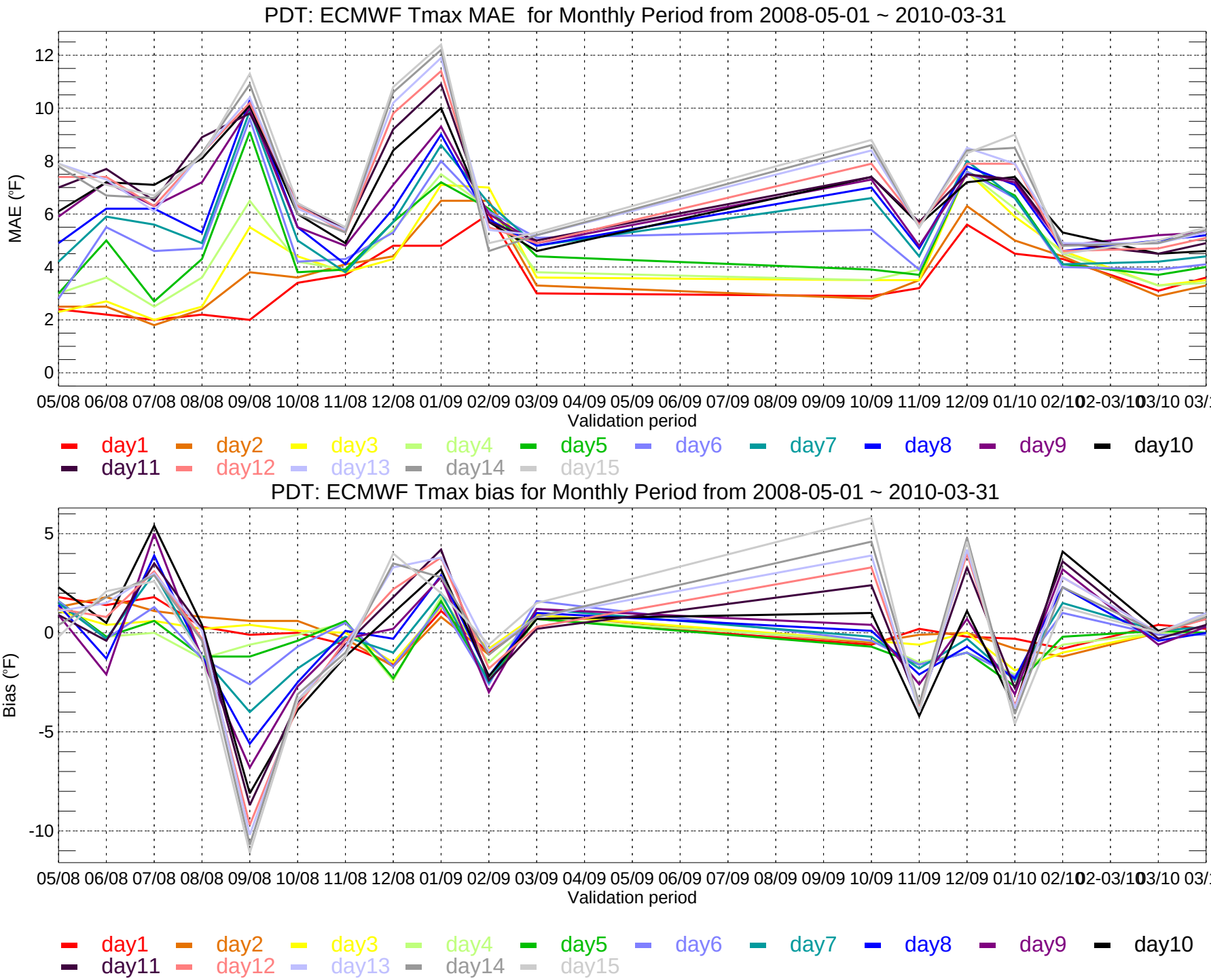

ORD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ORD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

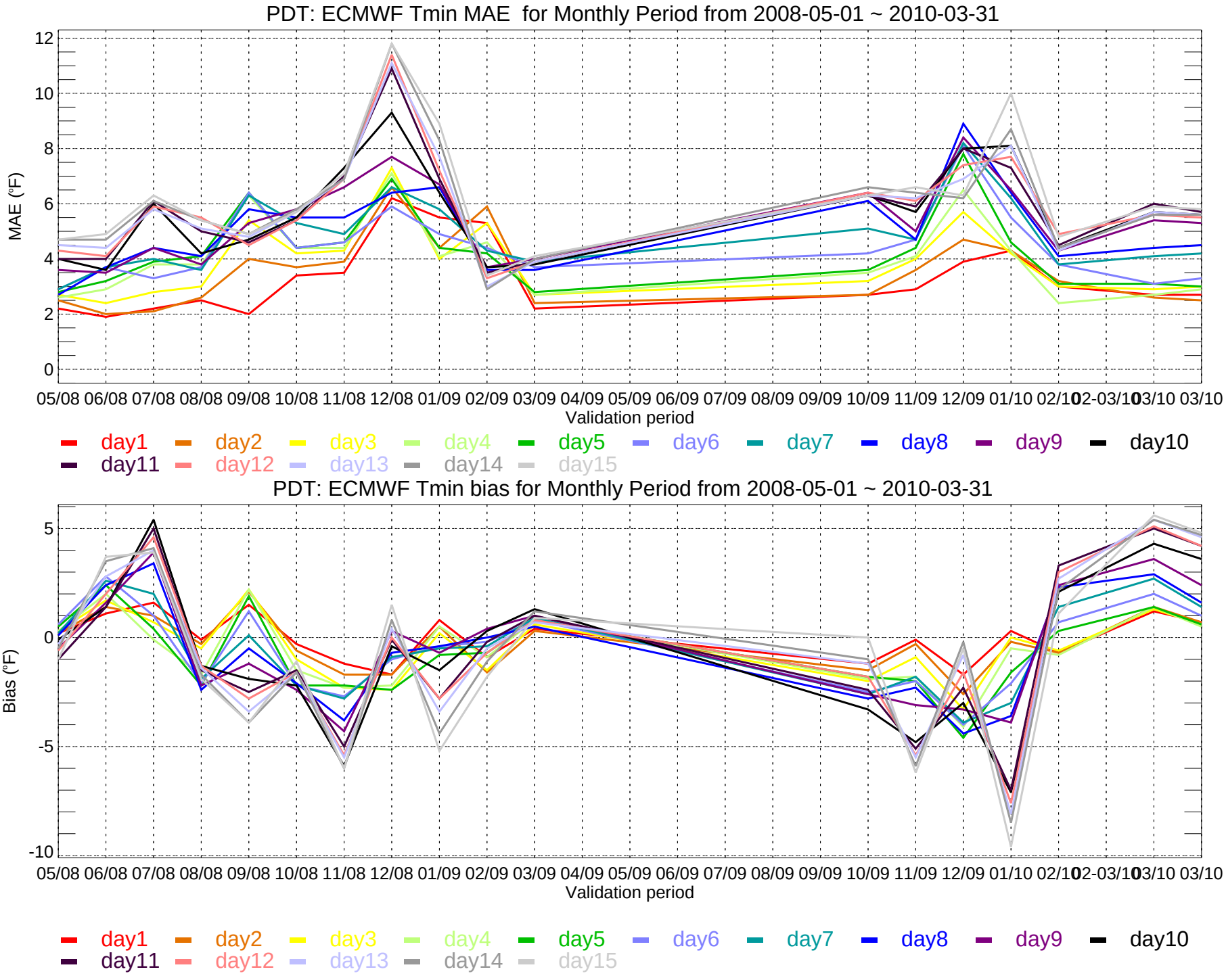

ORD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

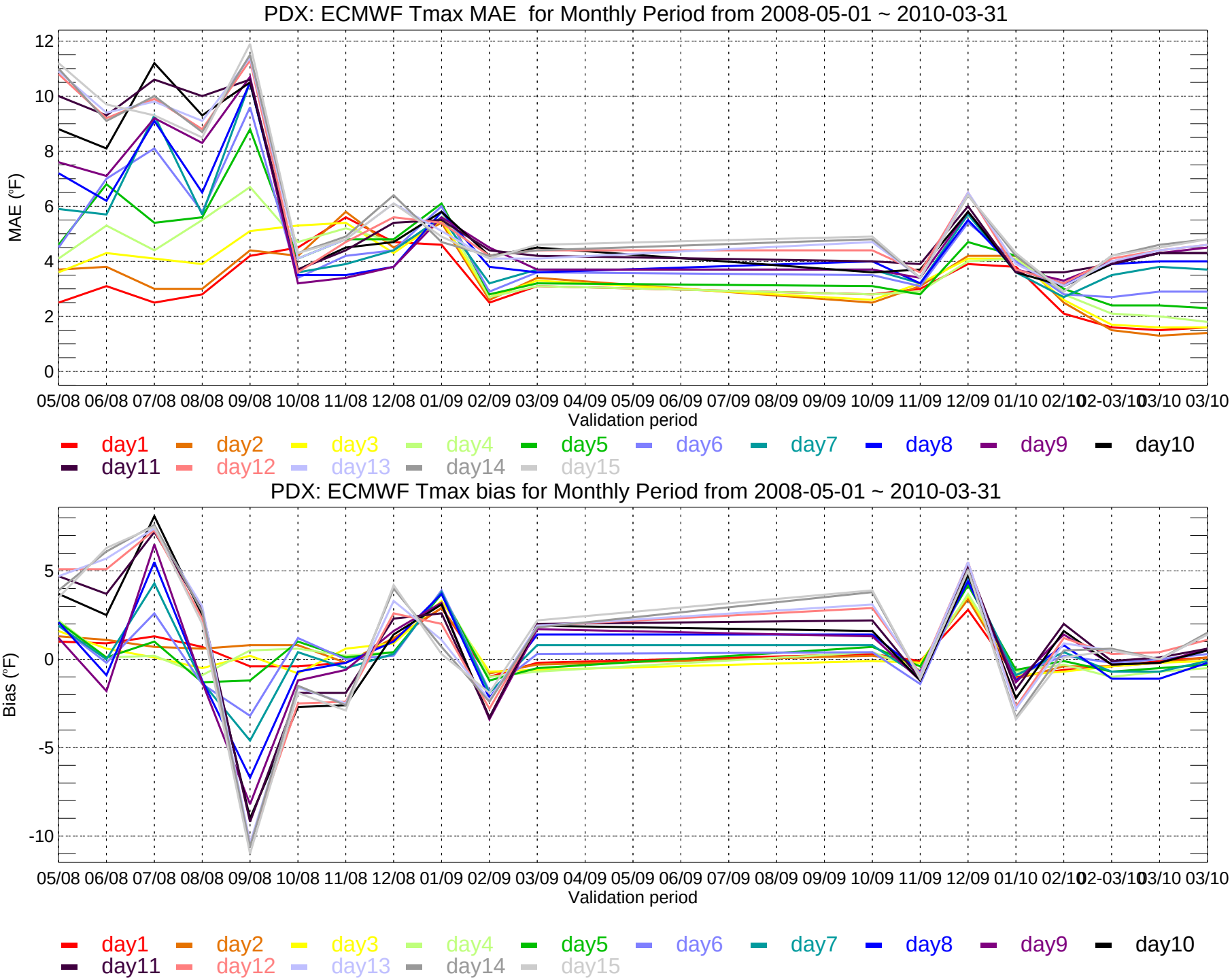

ORD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

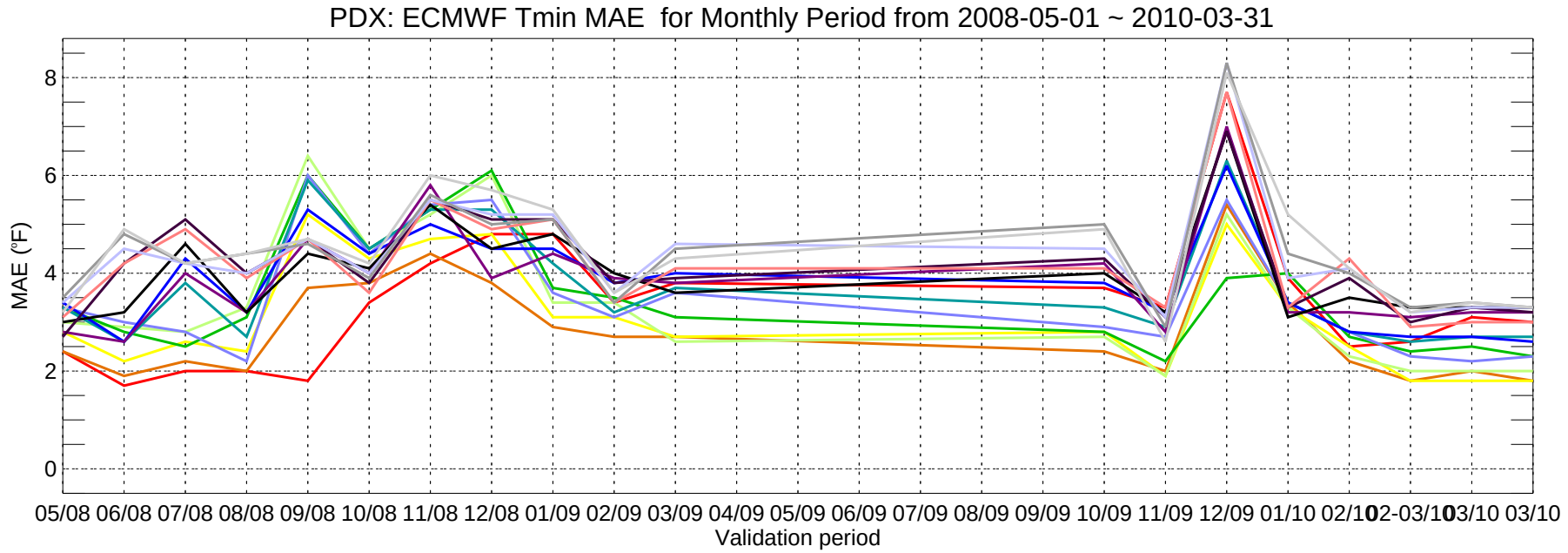

ORH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ORH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

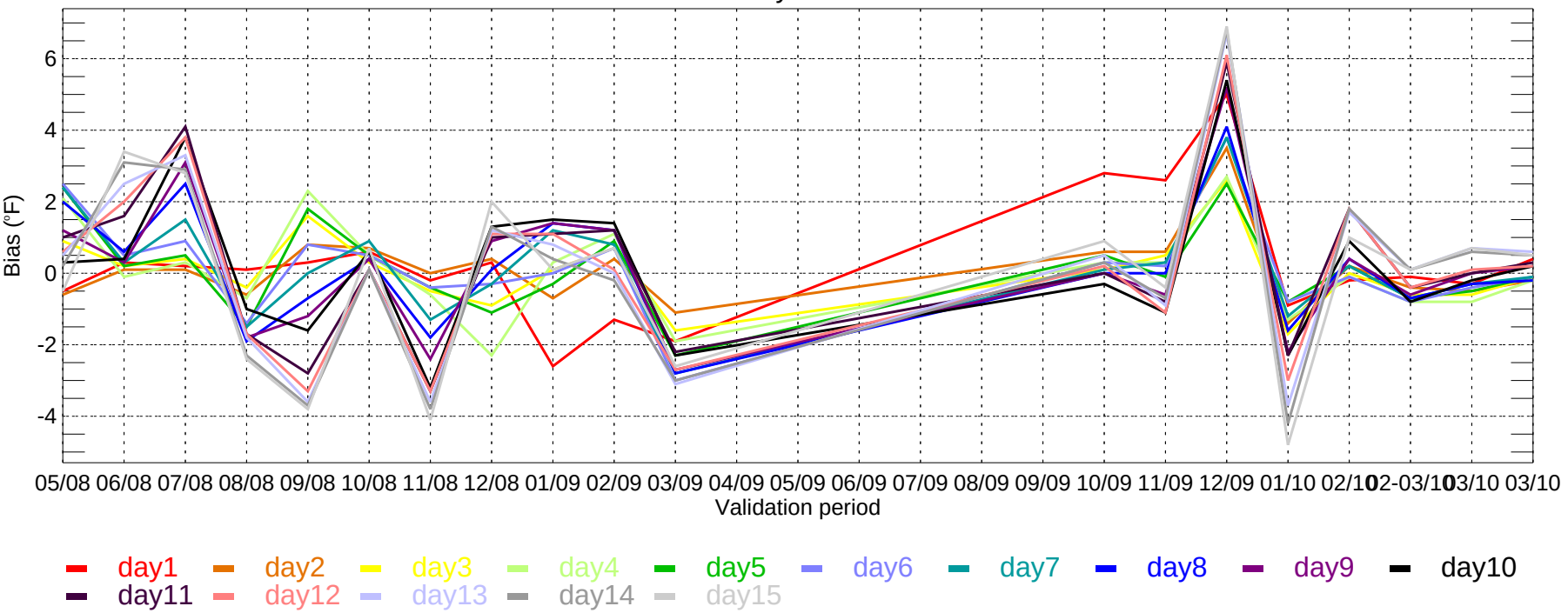

ORH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ORH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

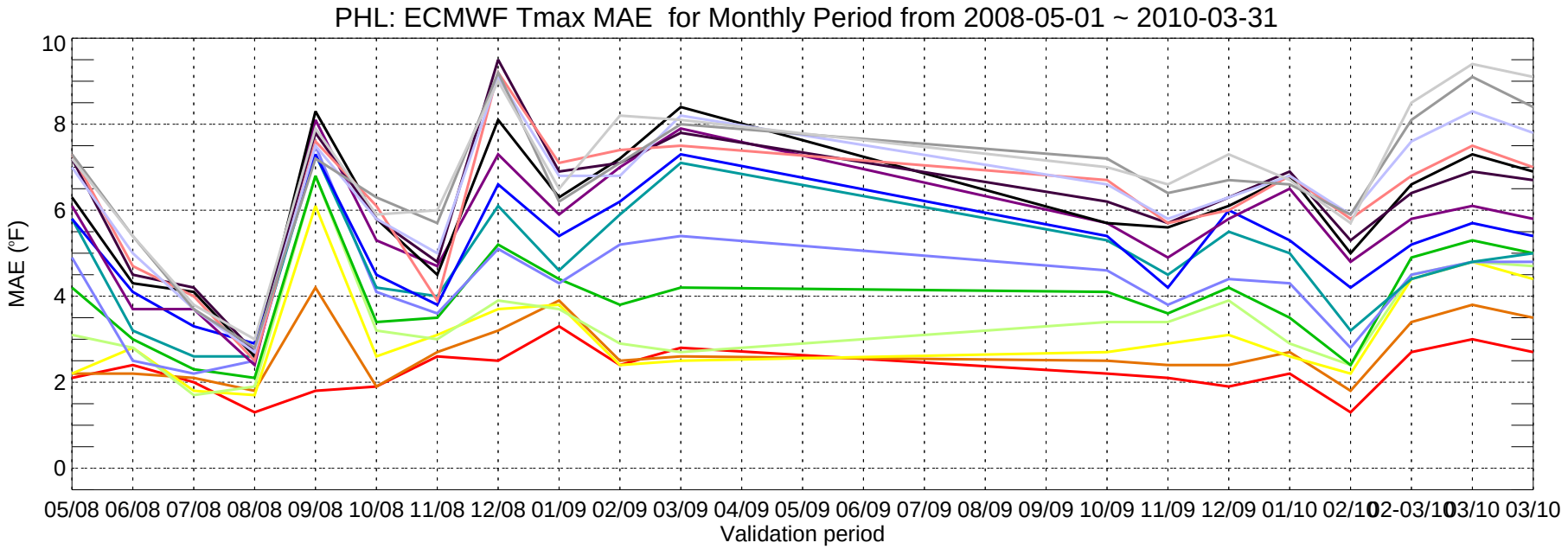

PDT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
PDT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

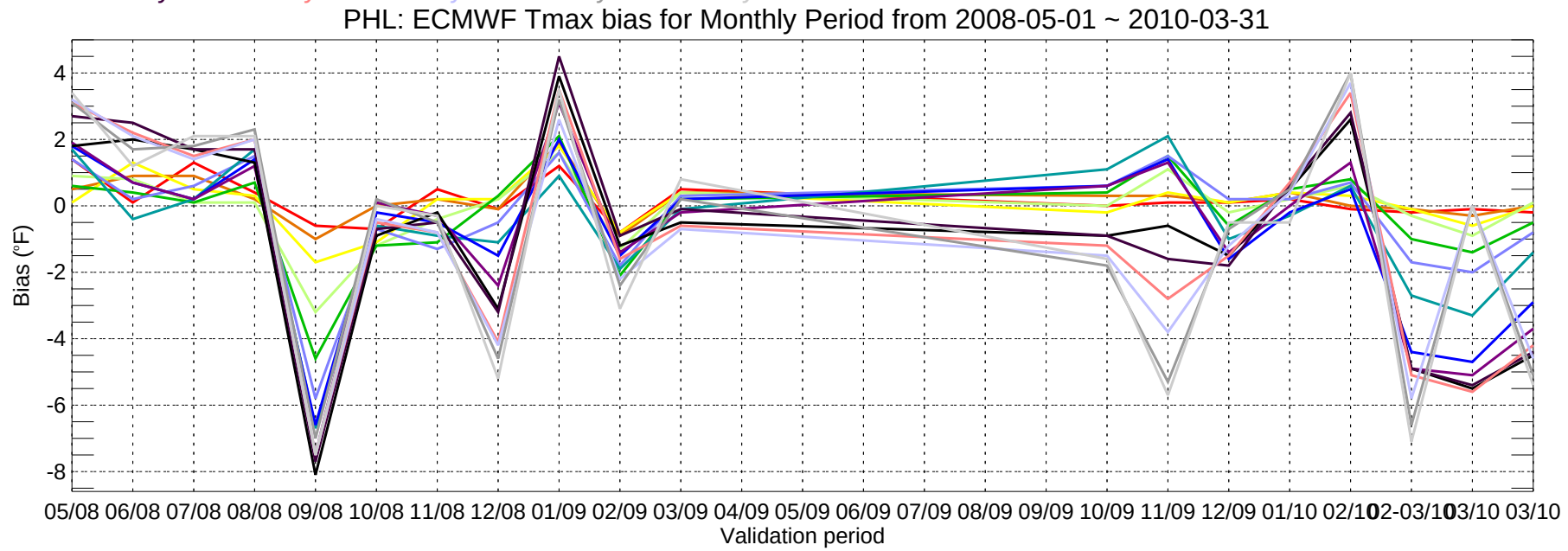

PDT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
PDT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

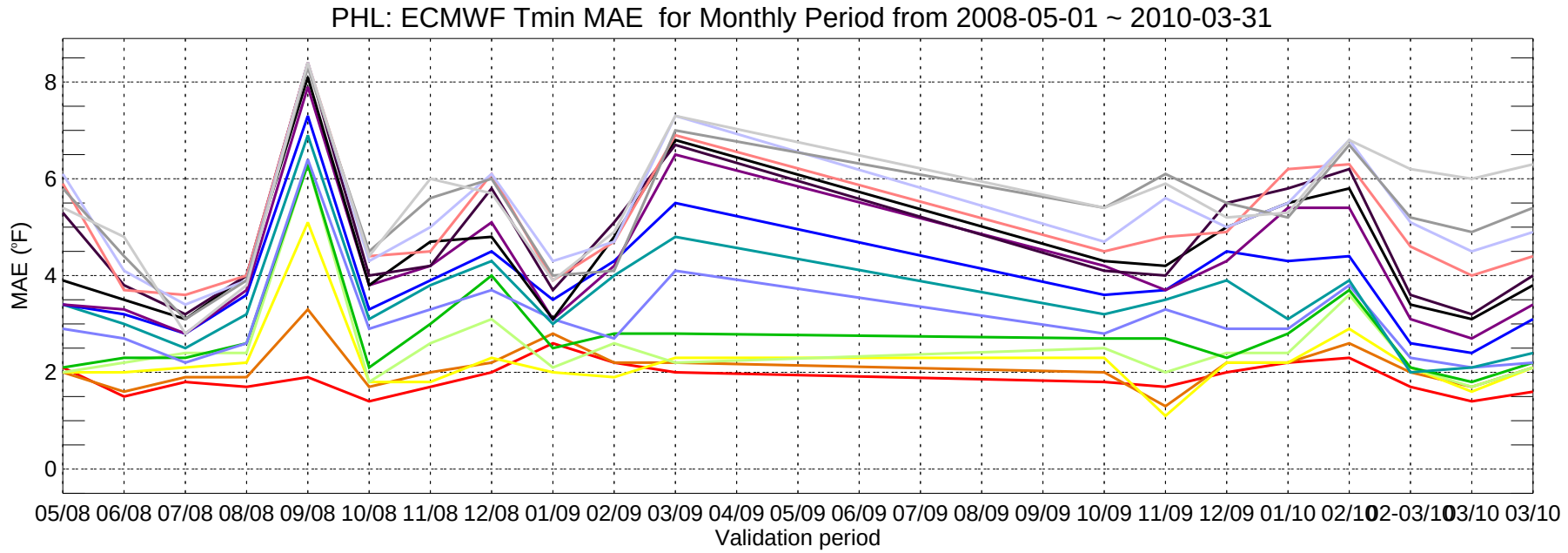

PDX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
PDX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

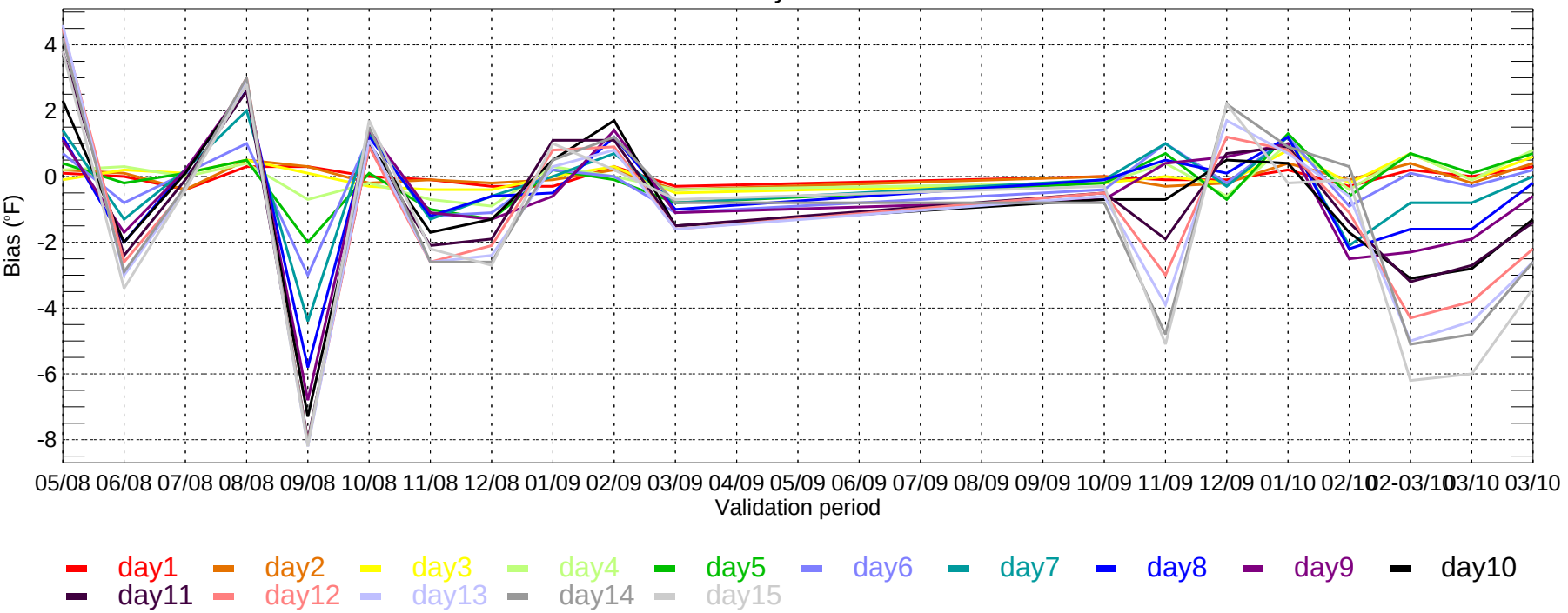

PDX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

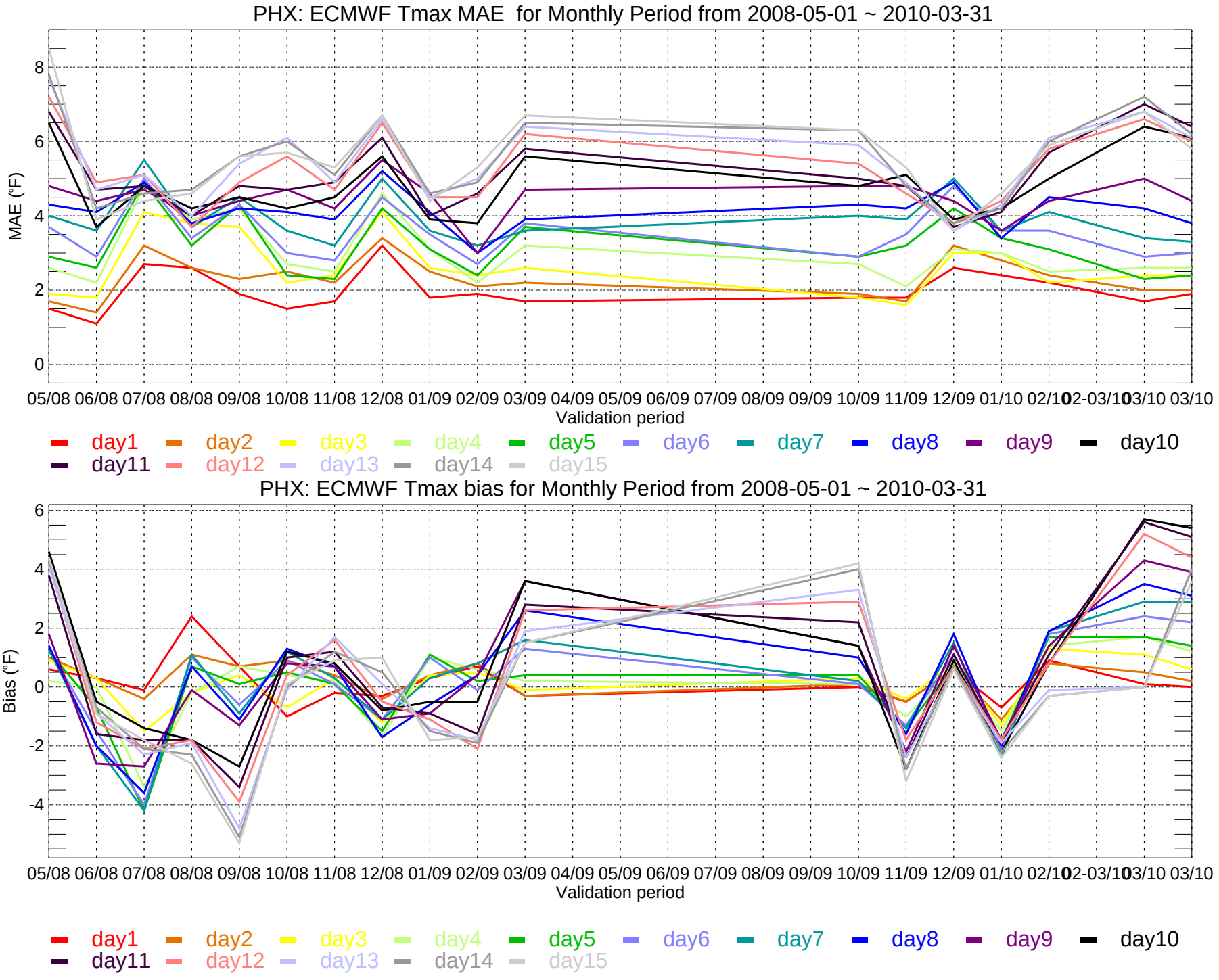

PDX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

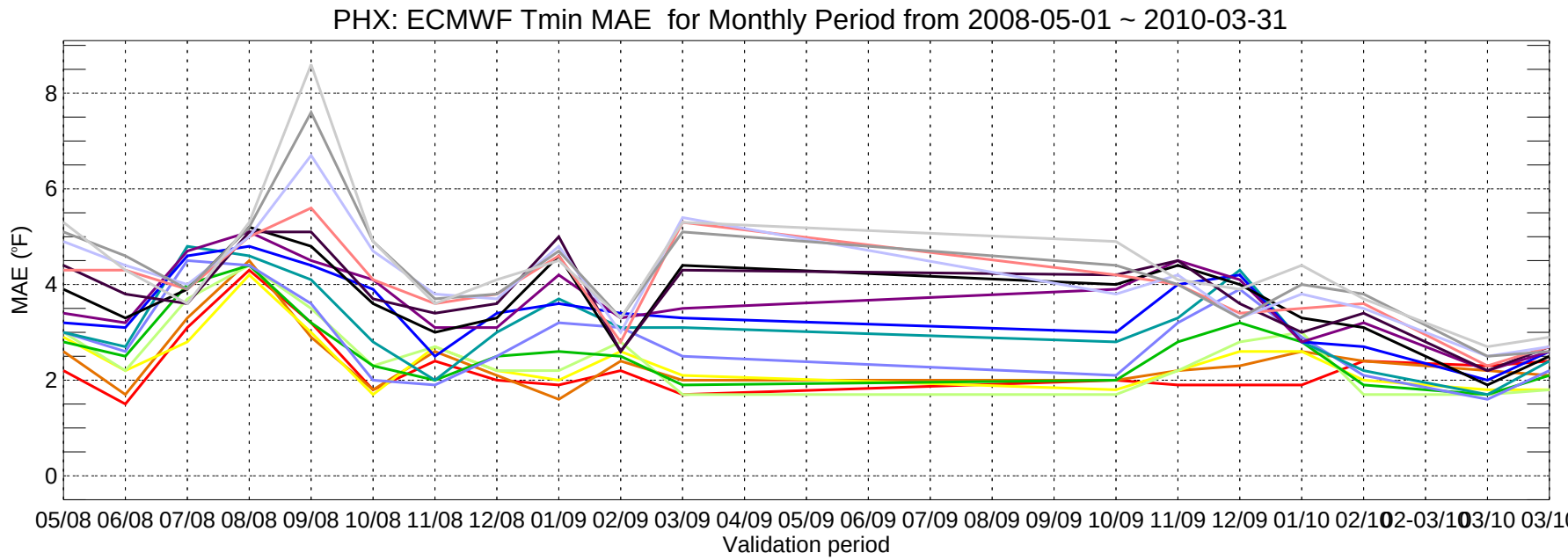

PHL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

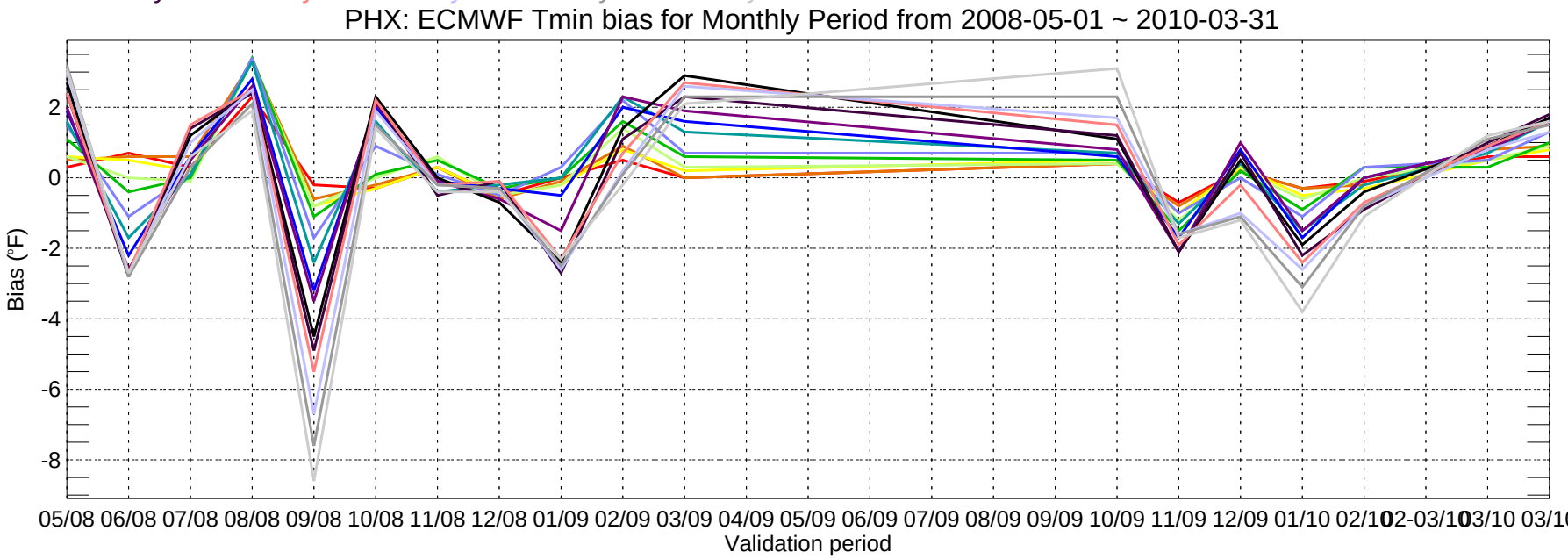

PHL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

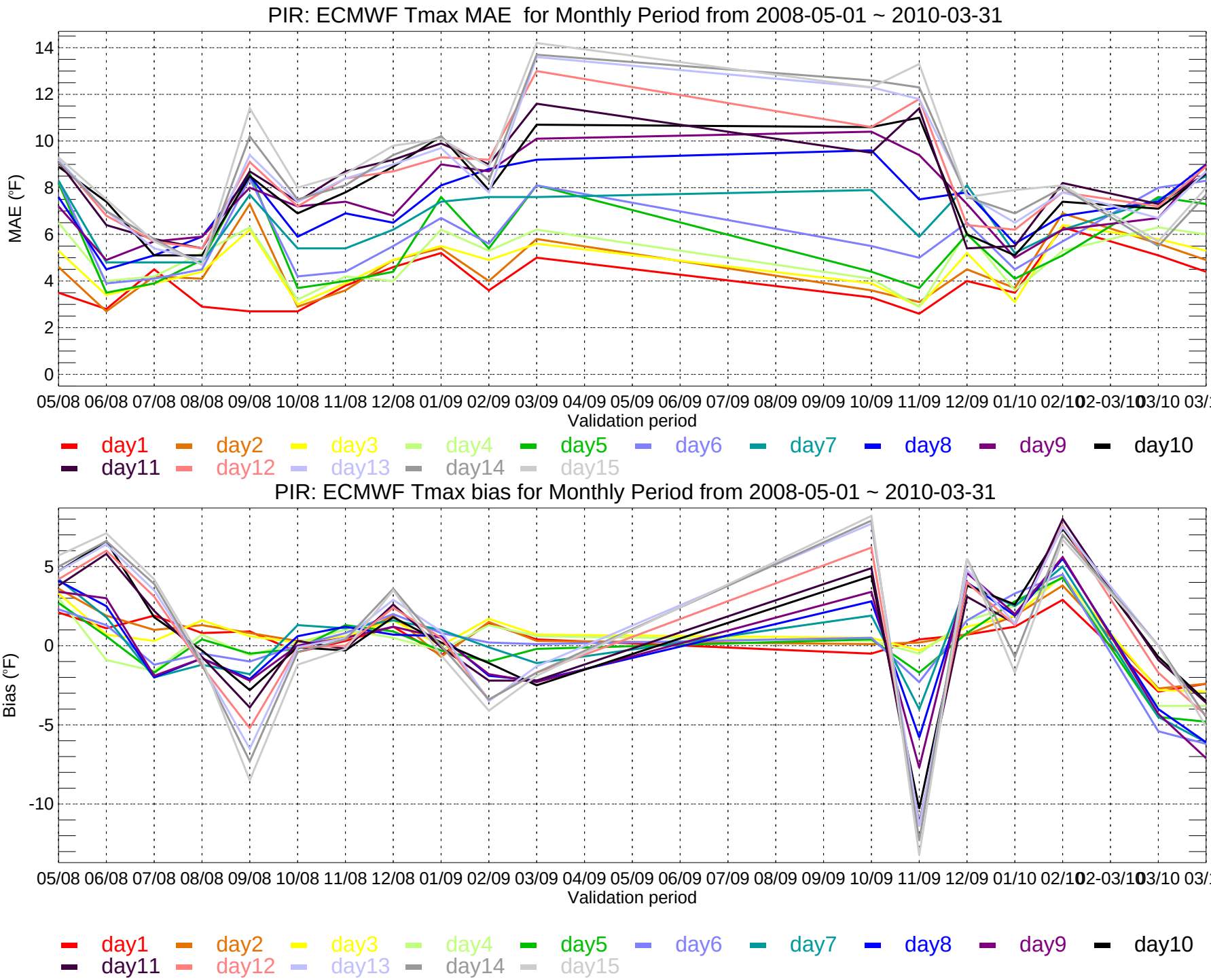

PHL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

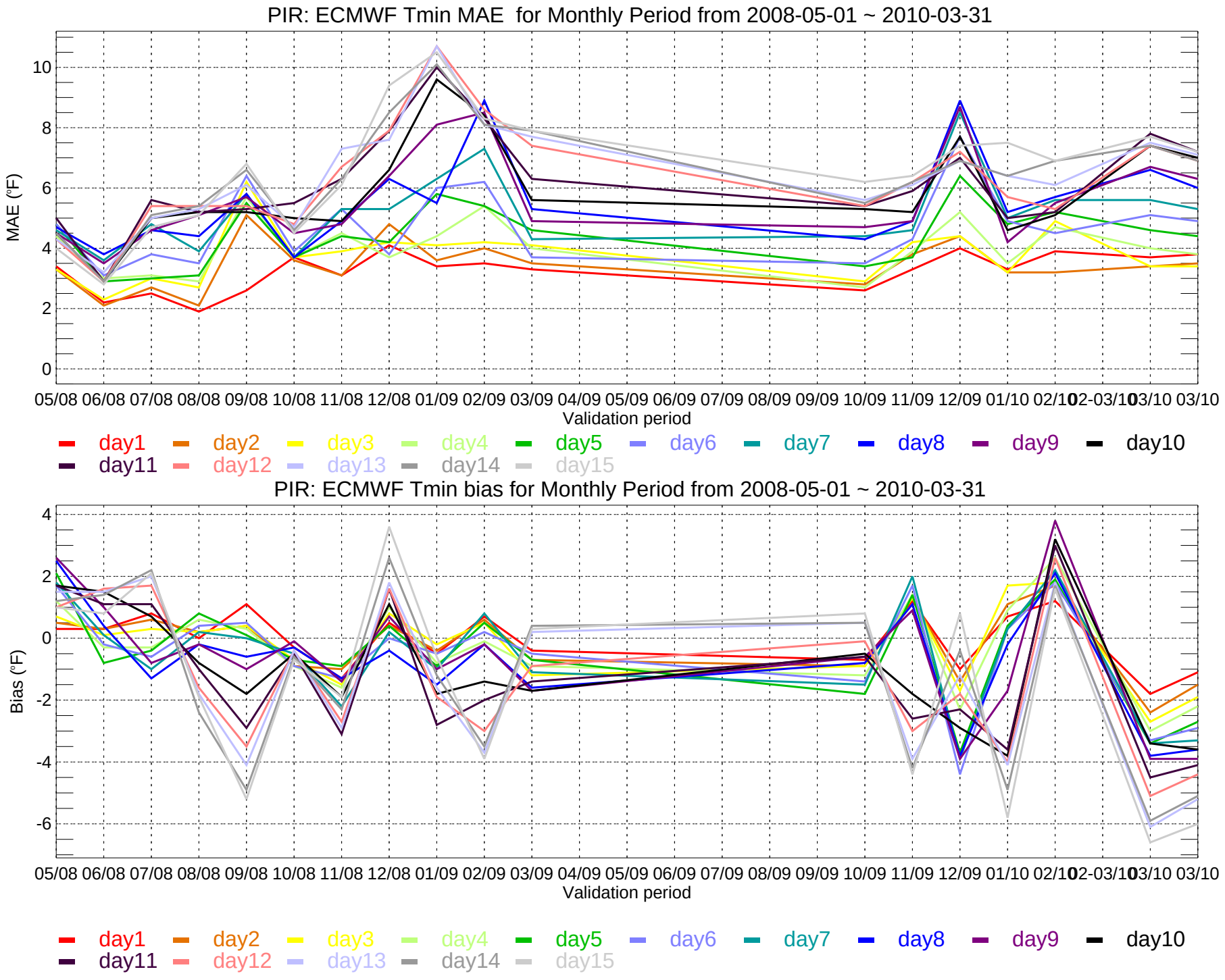

PHL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

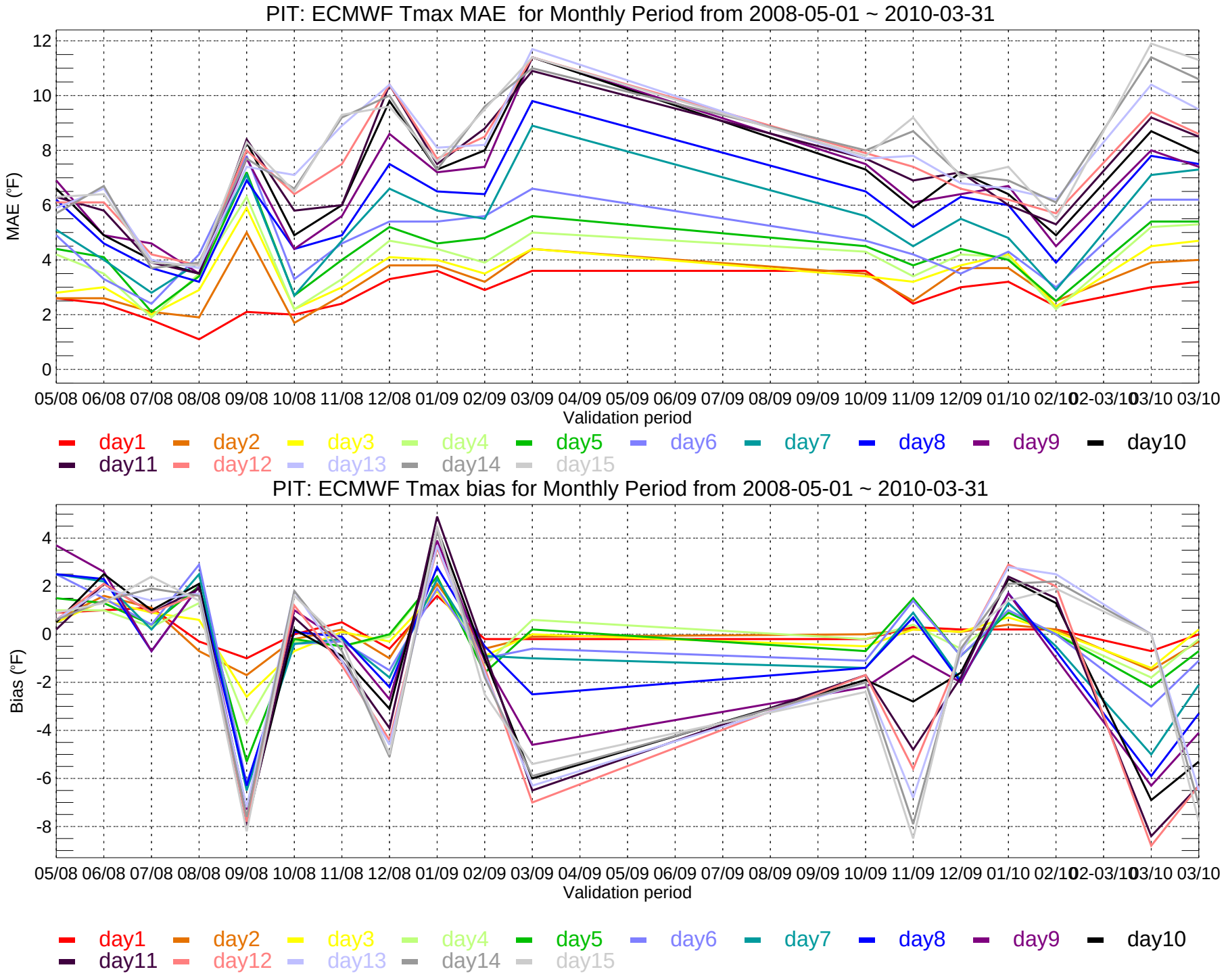

PHX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
PHX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

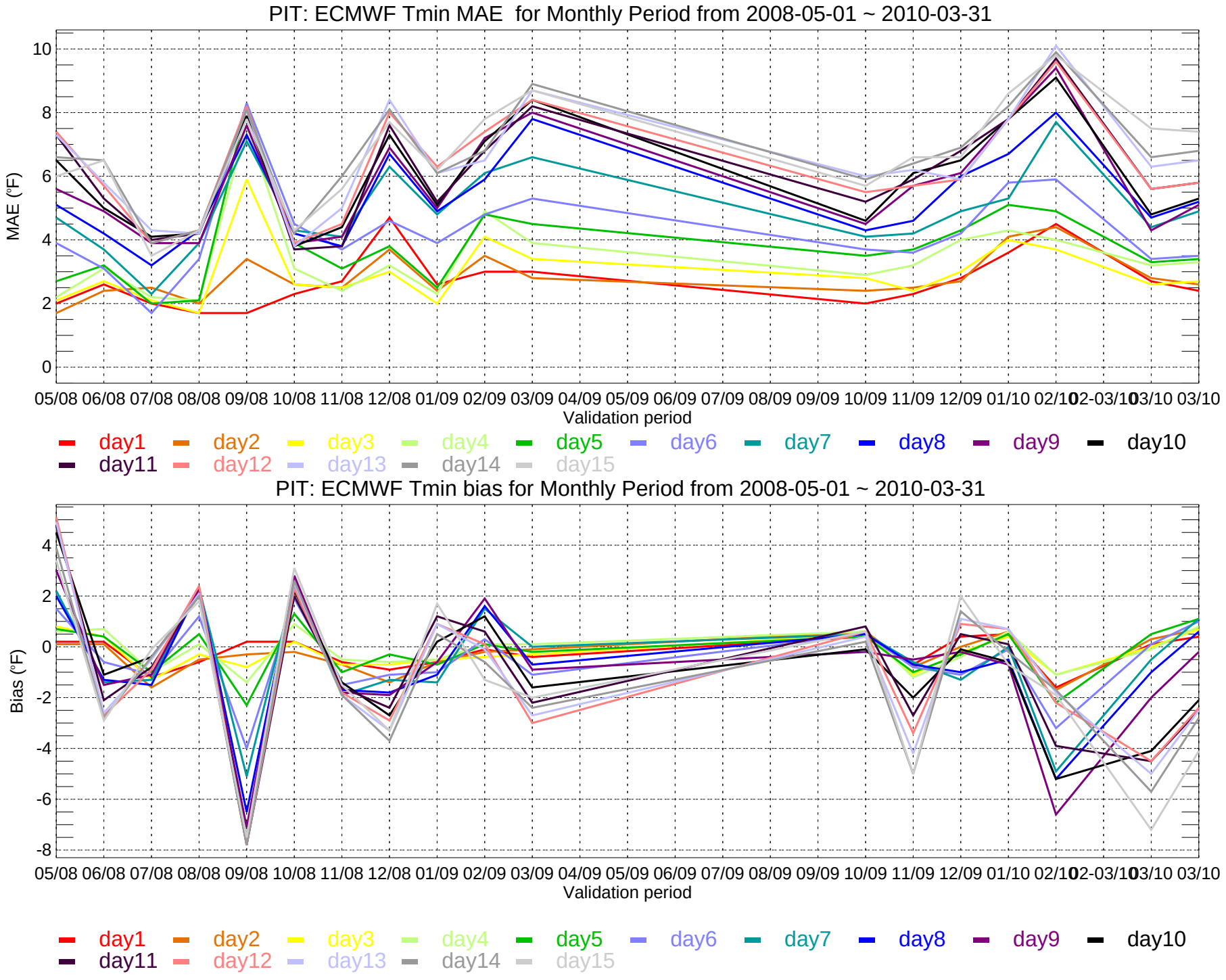

PHX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

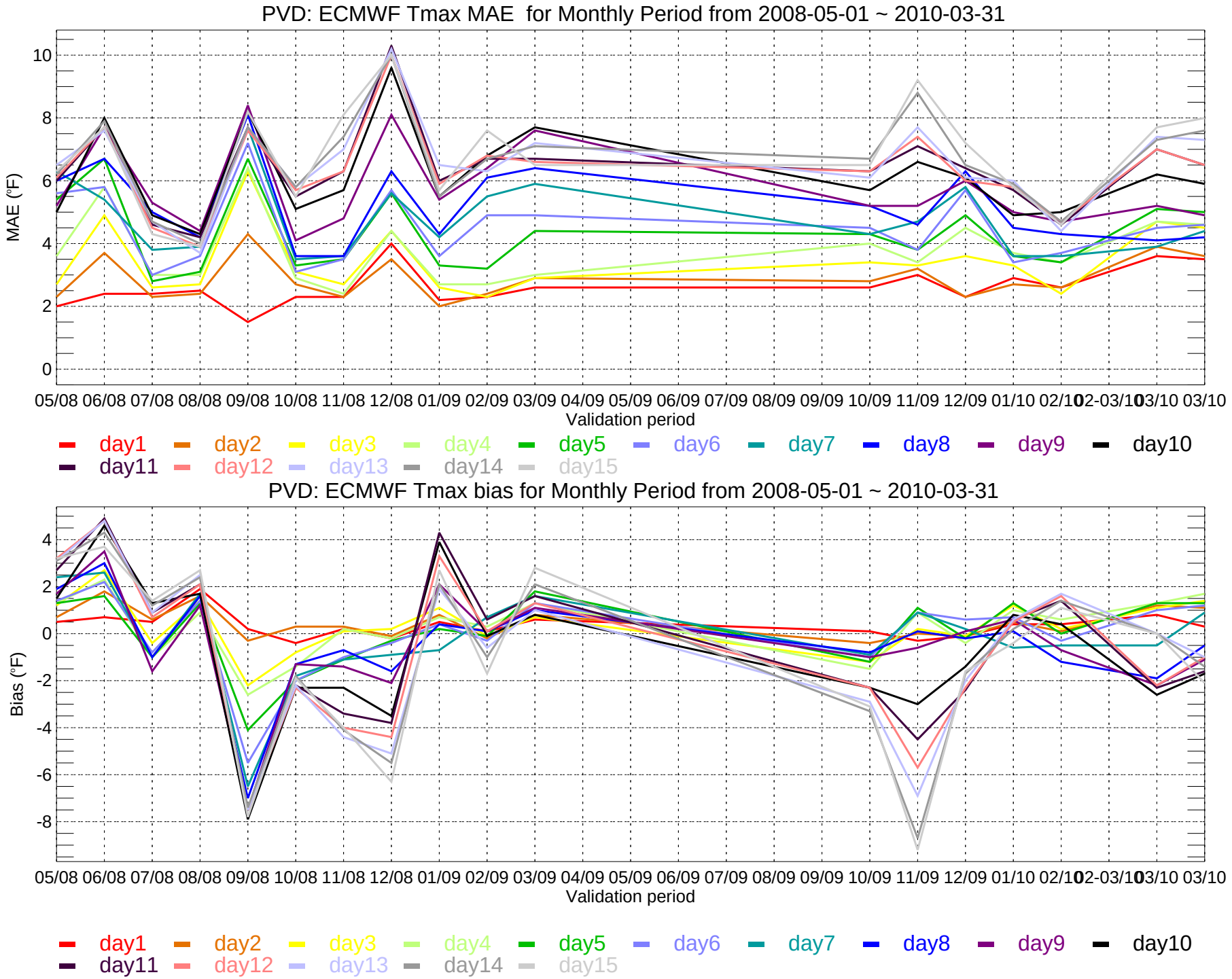

PHX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

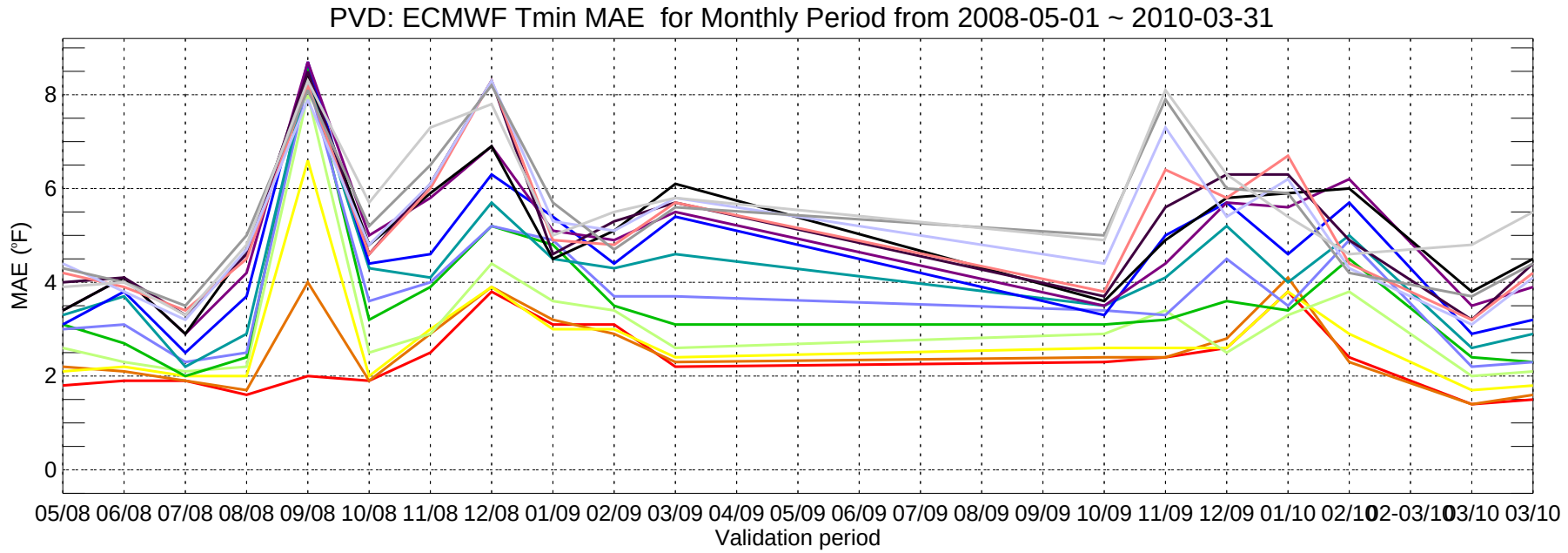

PIR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
14
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
PIR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

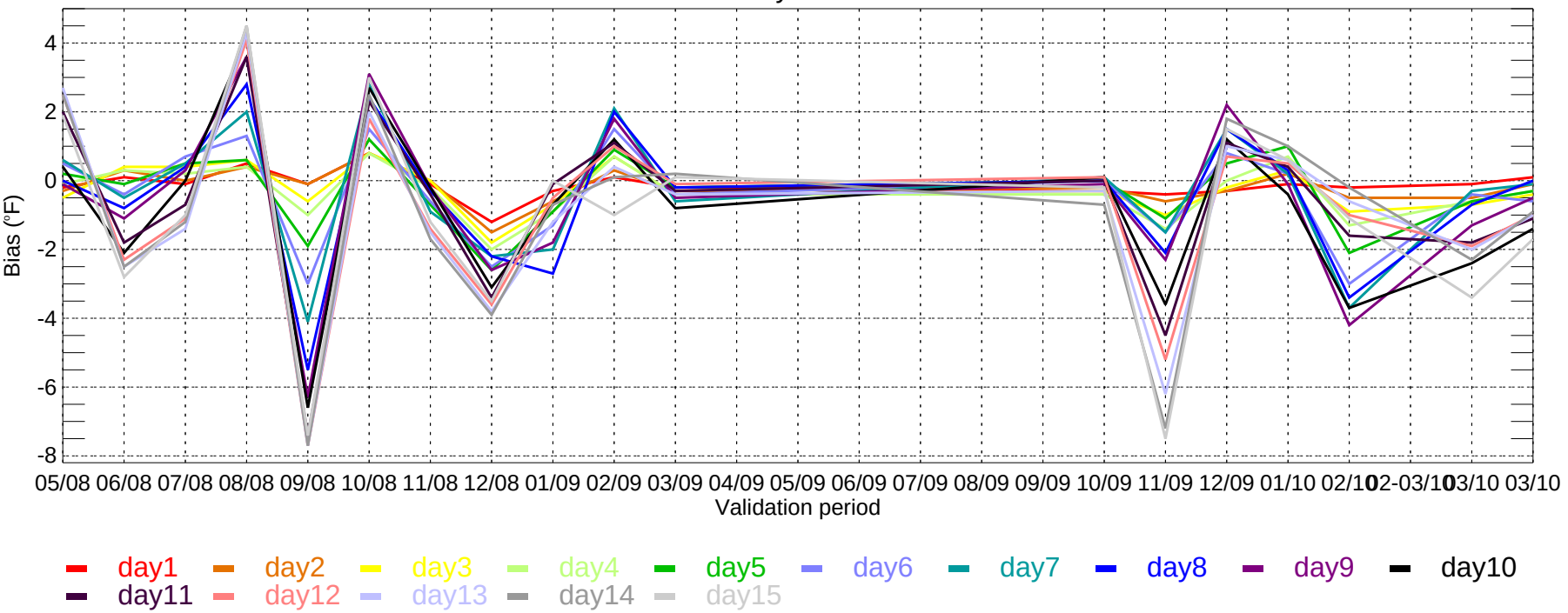

PIR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
PIR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

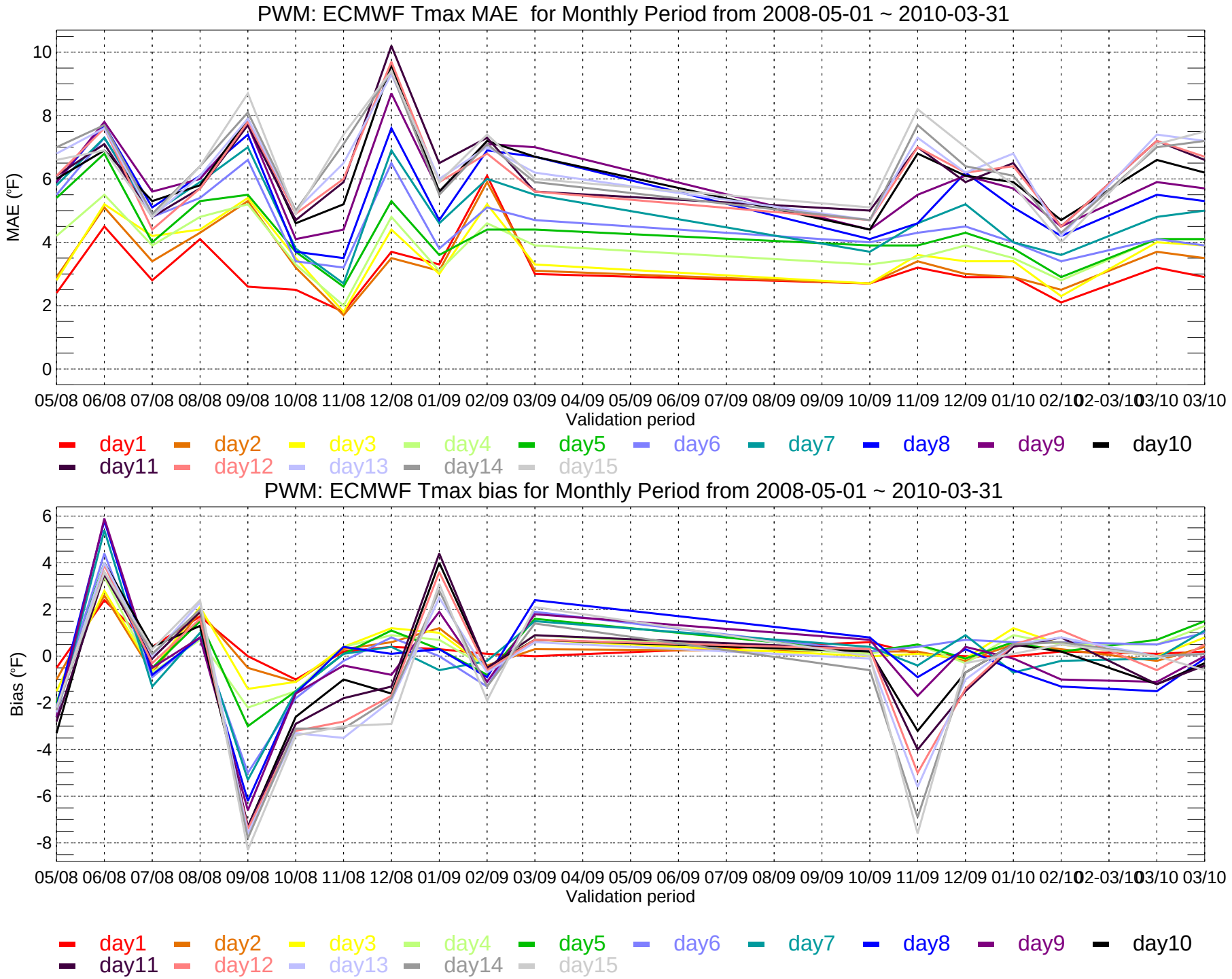

PIT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
PIT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

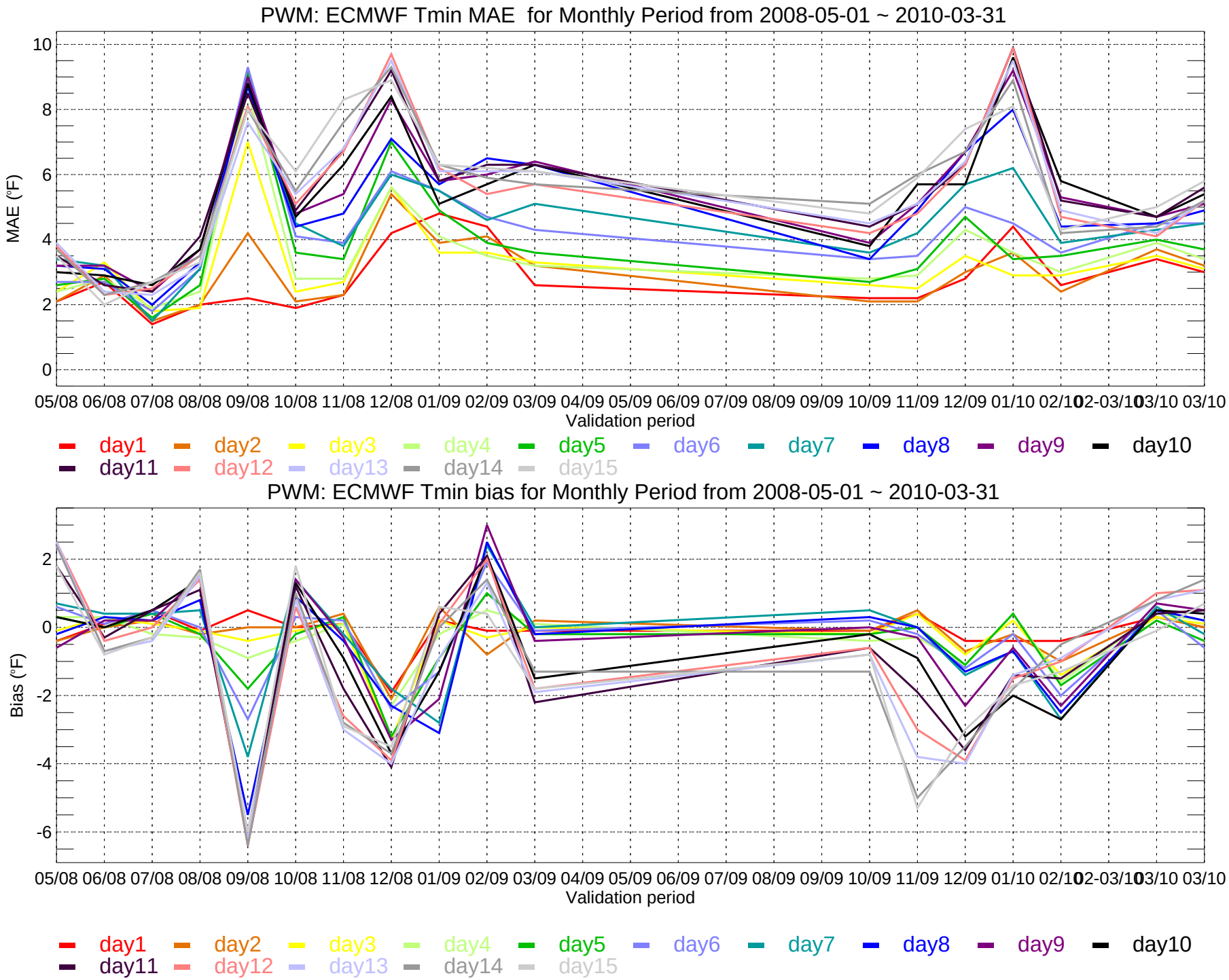

PIT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
PIT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

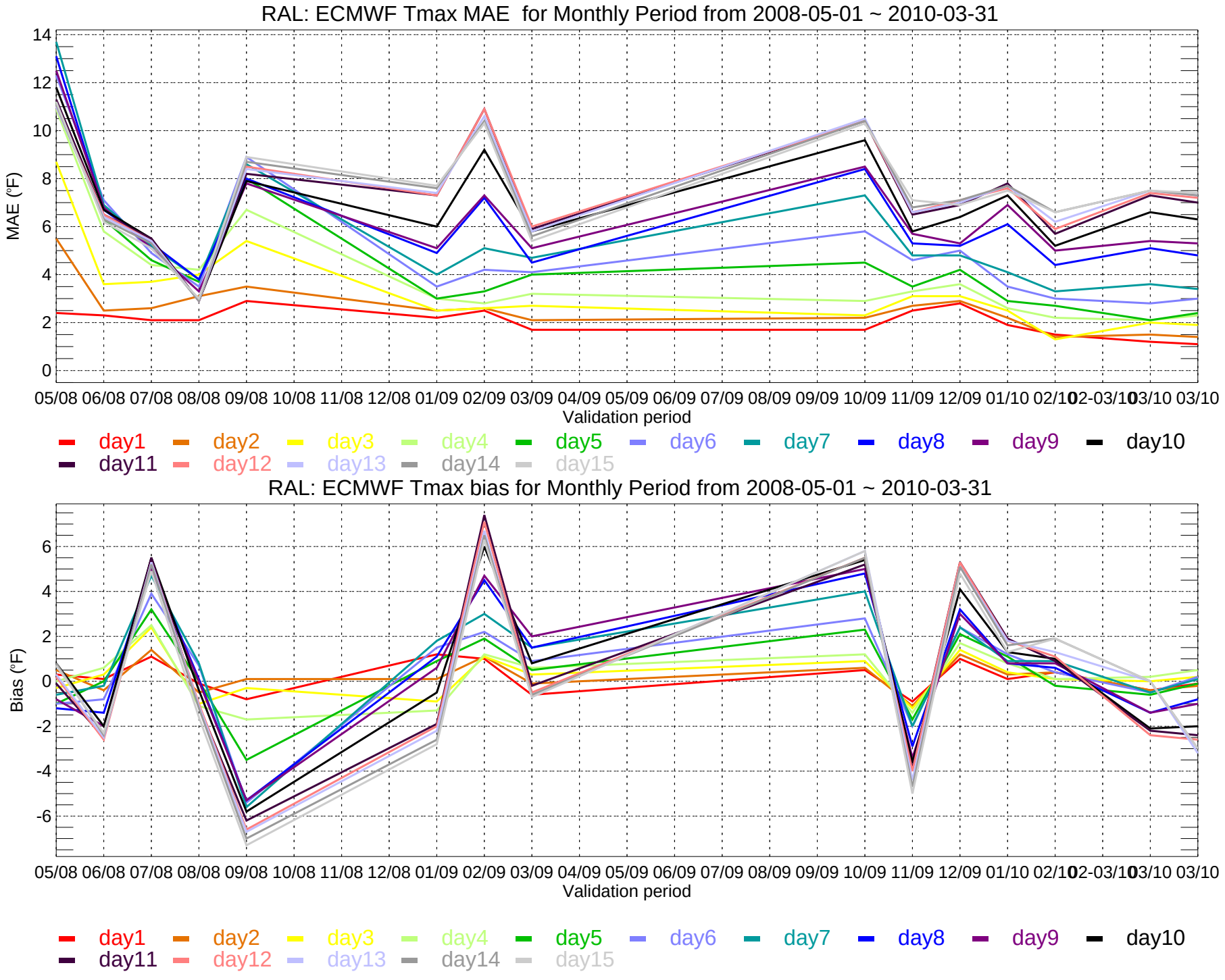

PVD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
PVD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

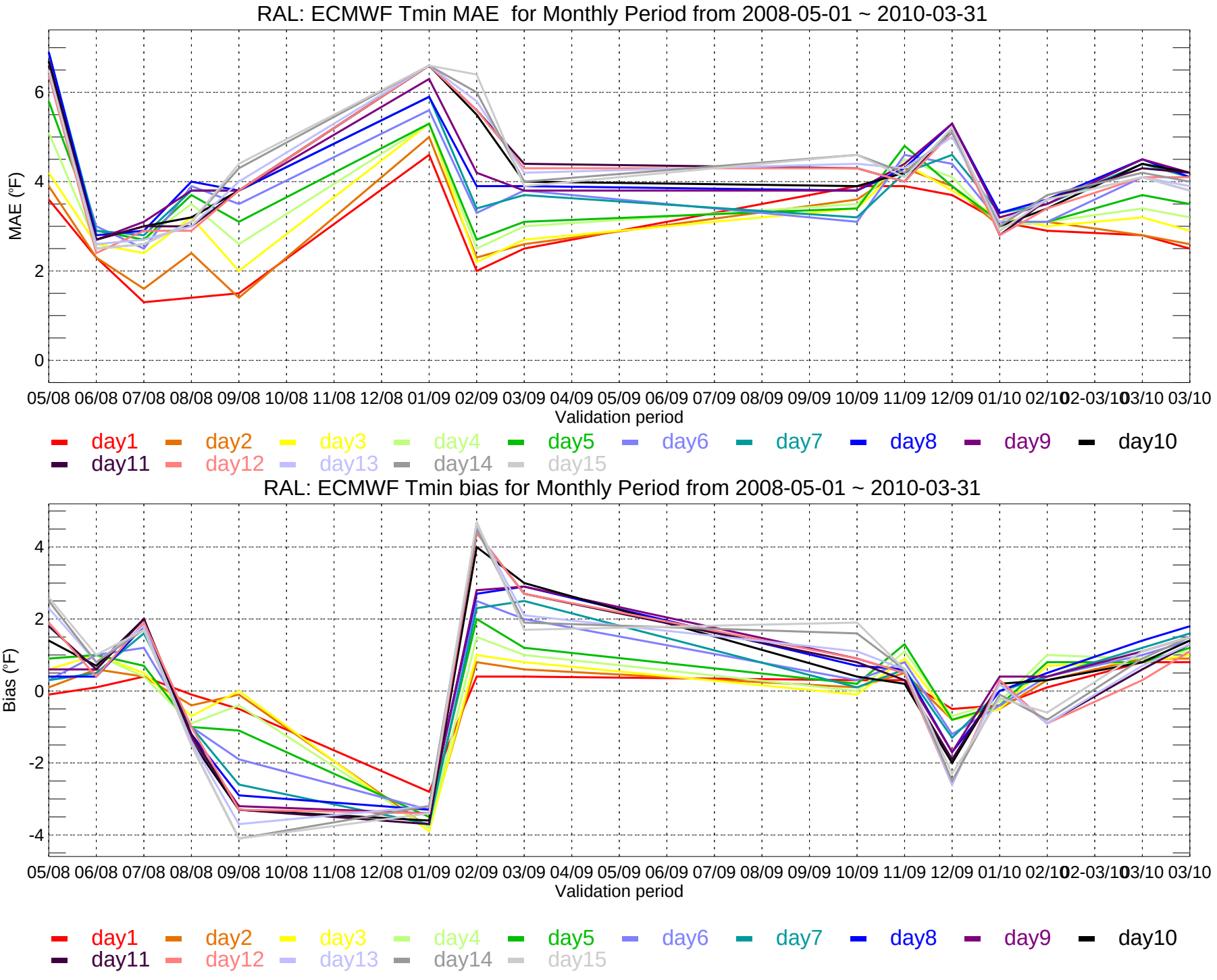

PVD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

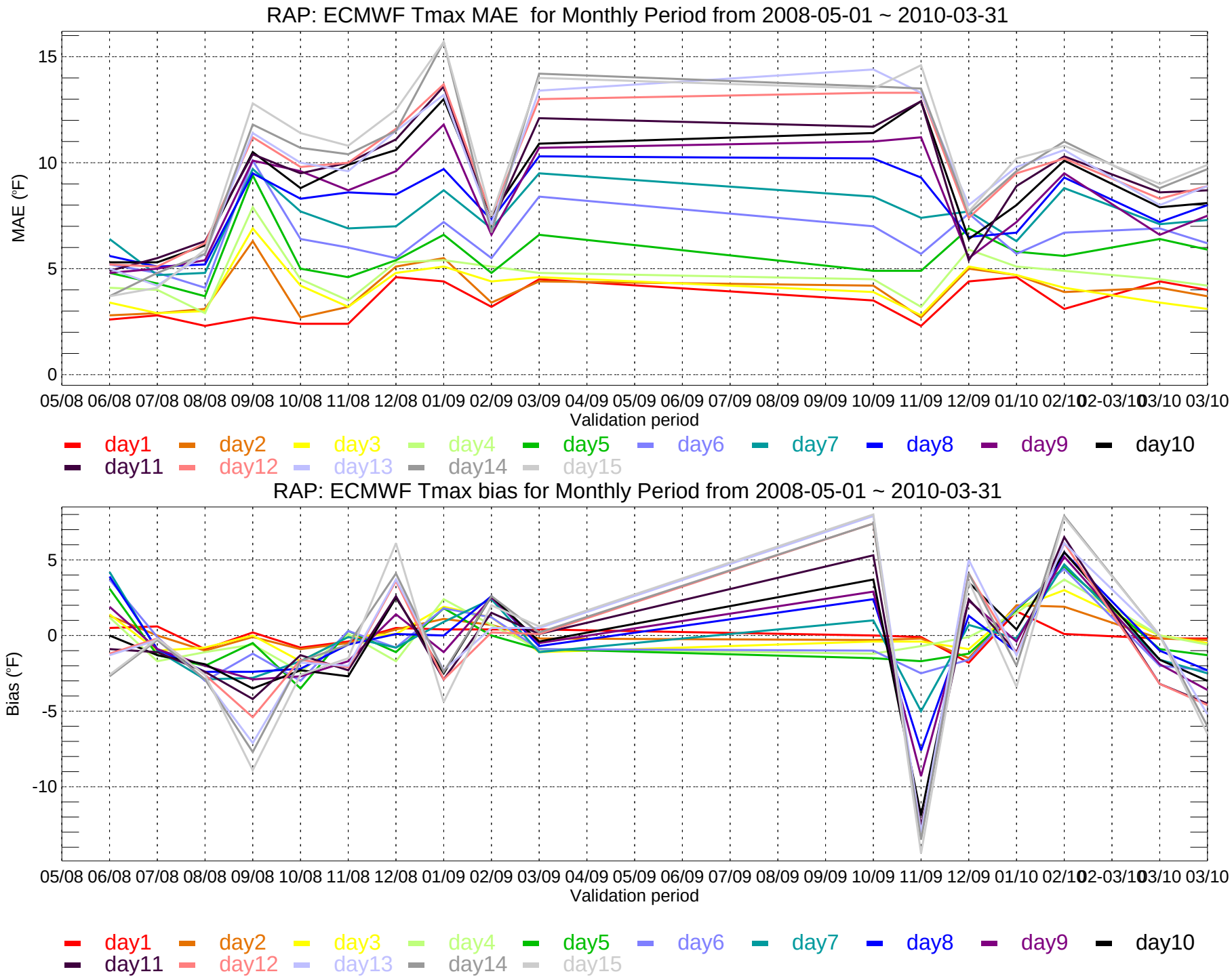

PVD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

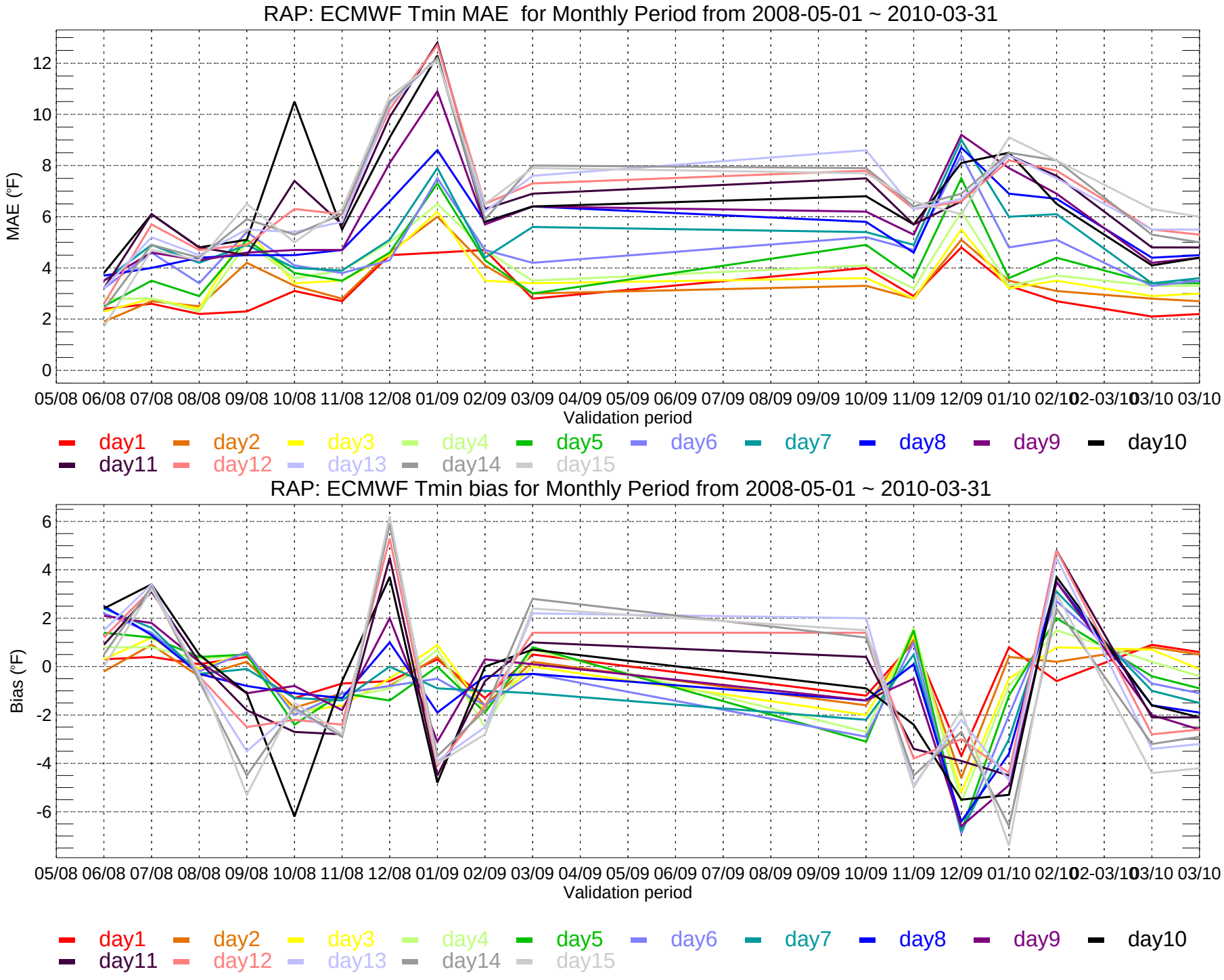

PWM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
PWM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

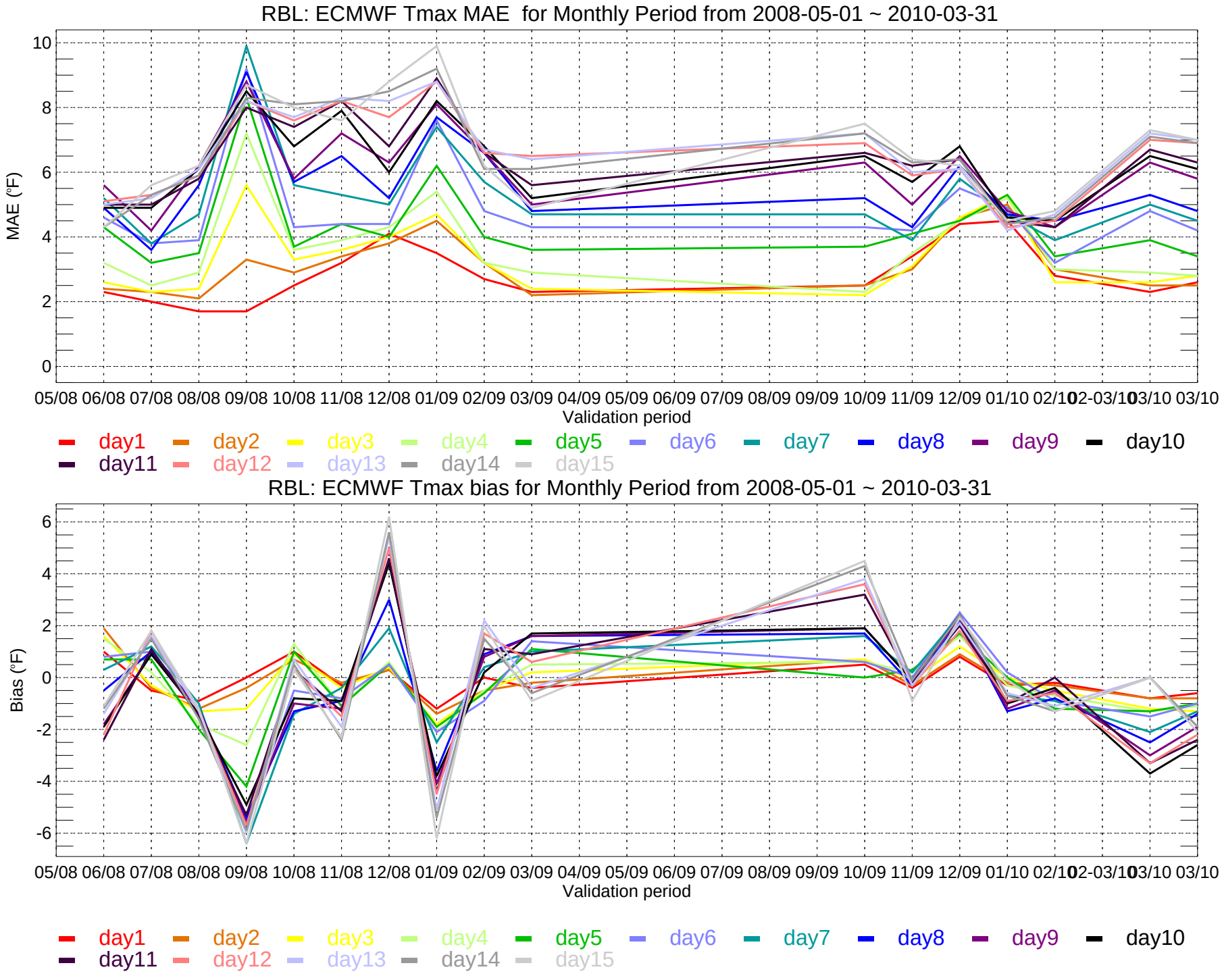

PWM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
PWM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

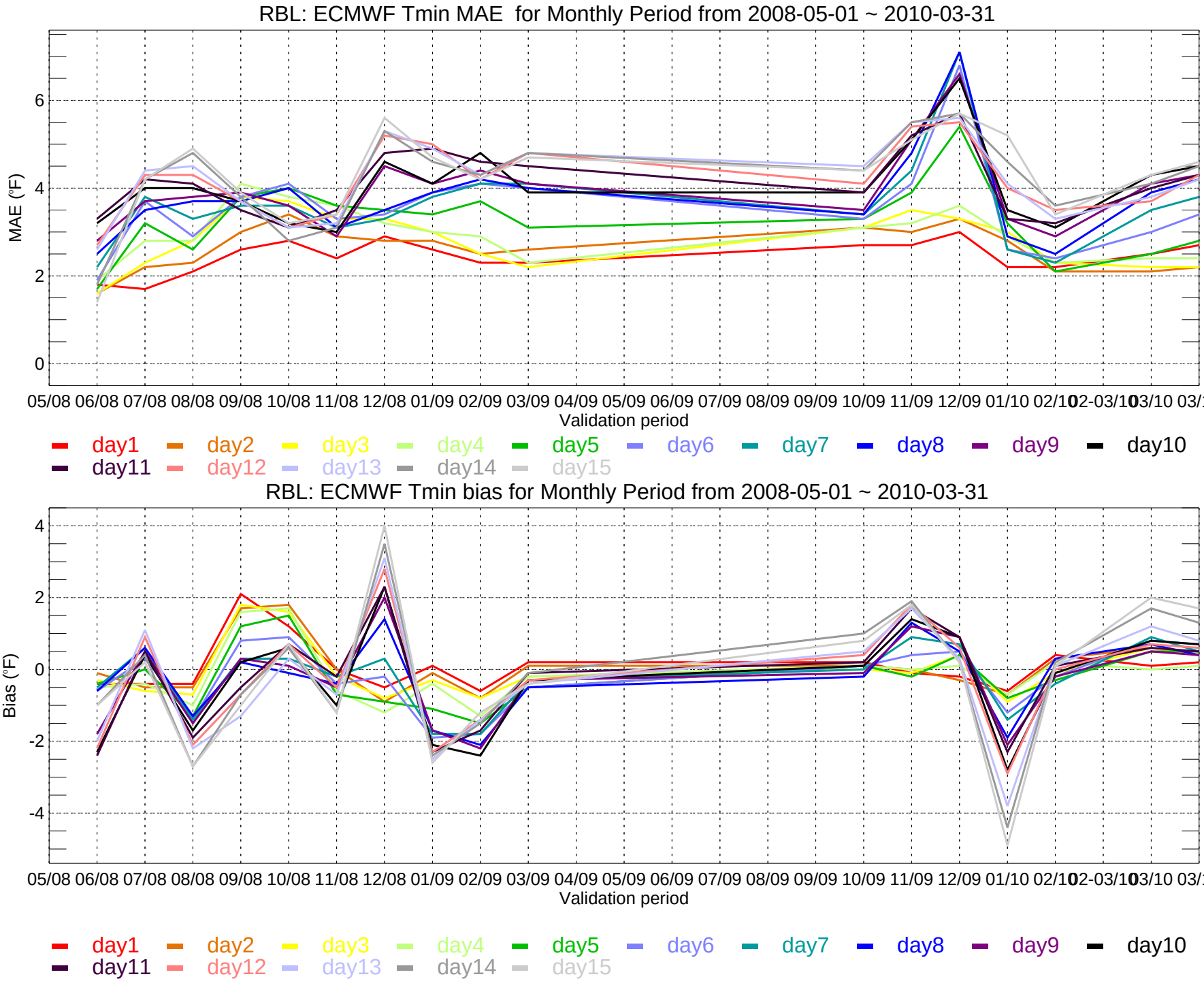

RAL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
14
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
RAL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

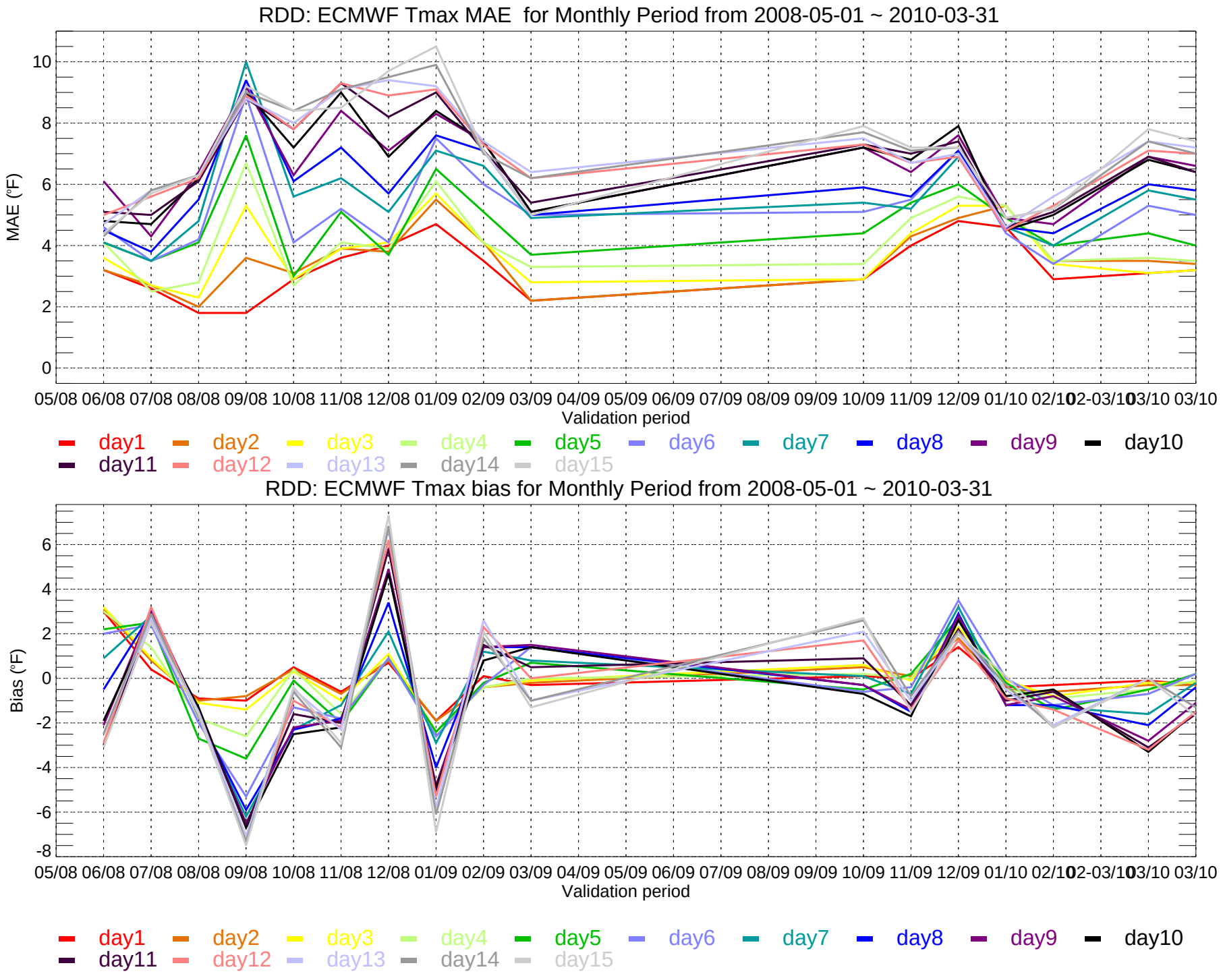

RAL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
RAL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

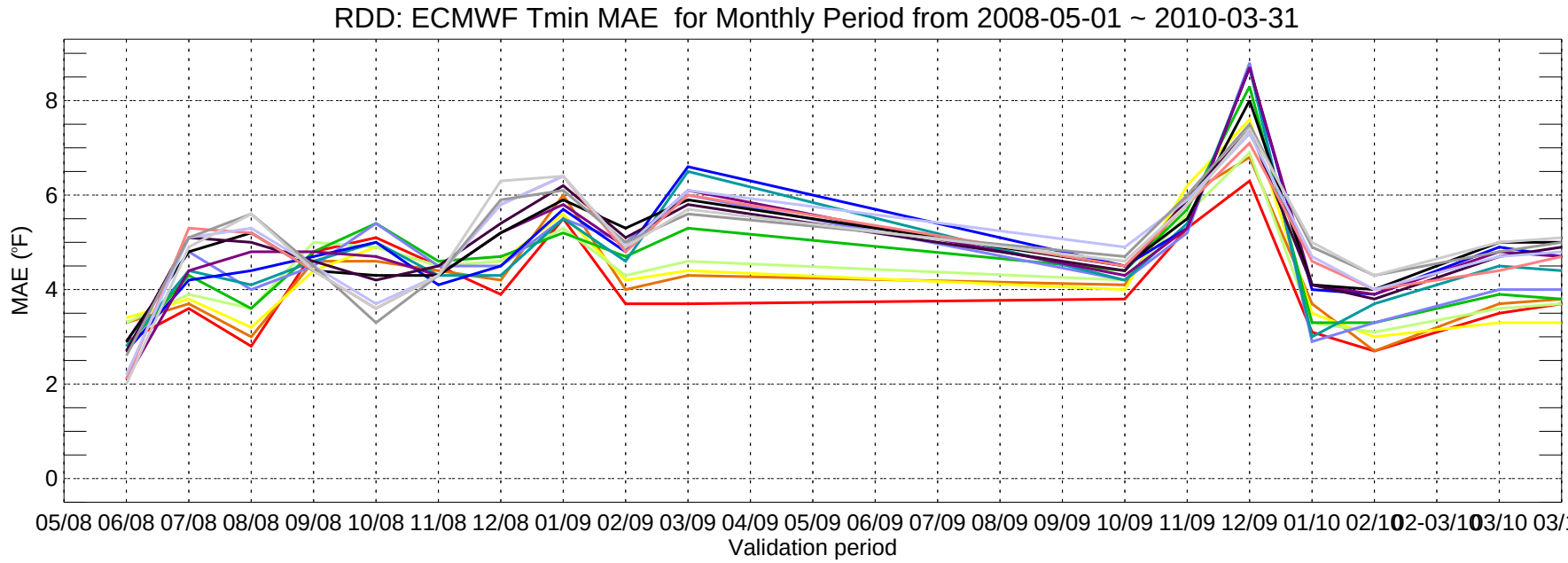

RAP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
15
10
5
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
RAP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

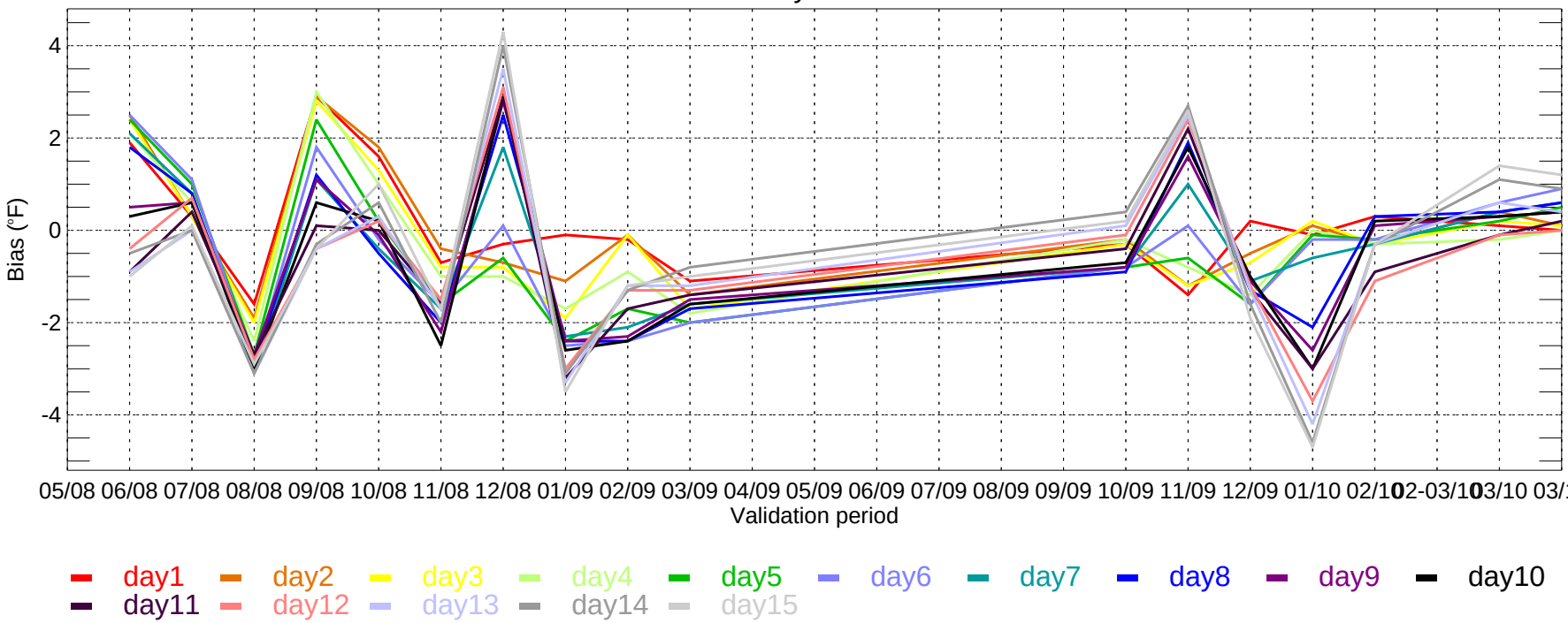

RAP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
RAP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

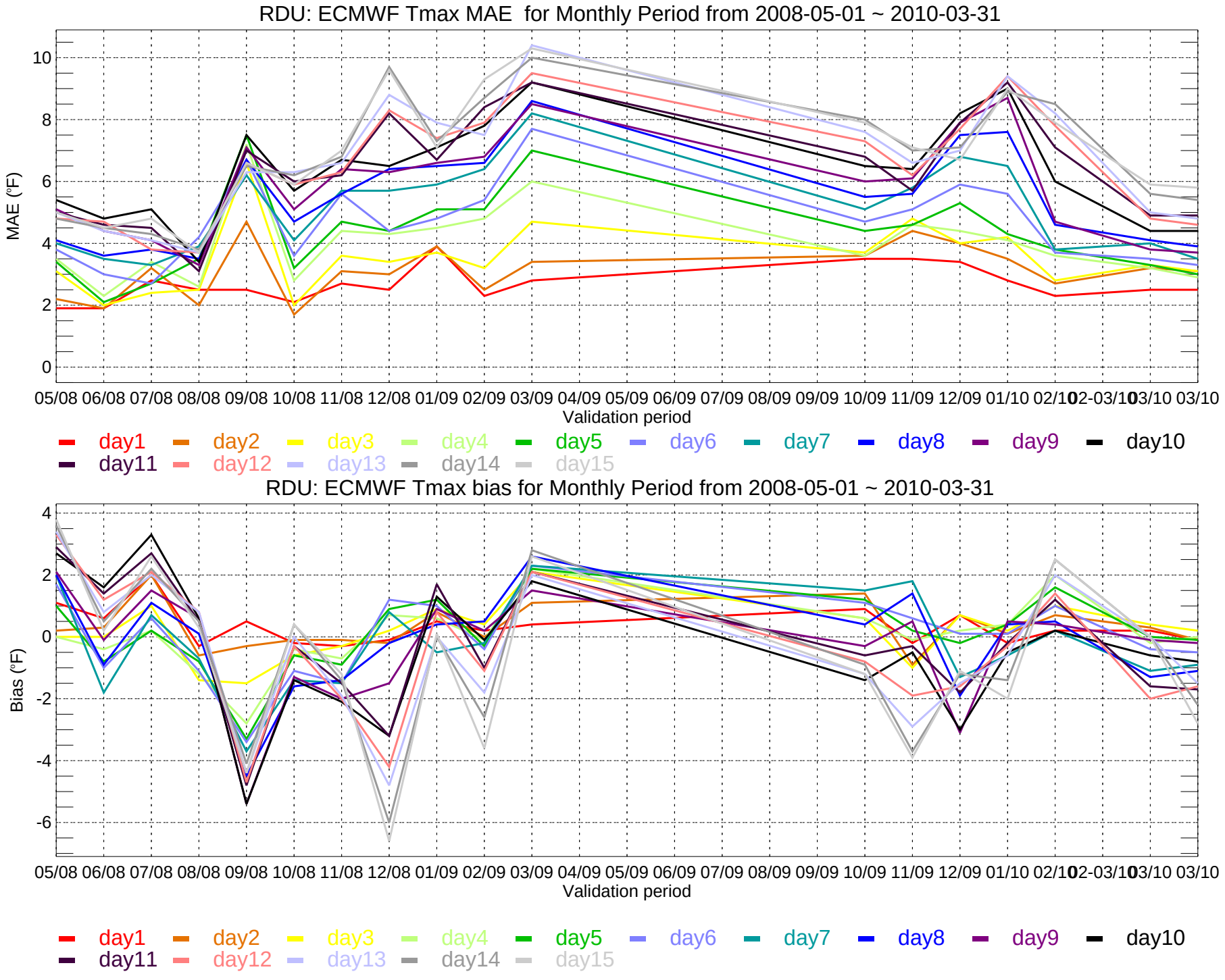

RBL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
RBL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

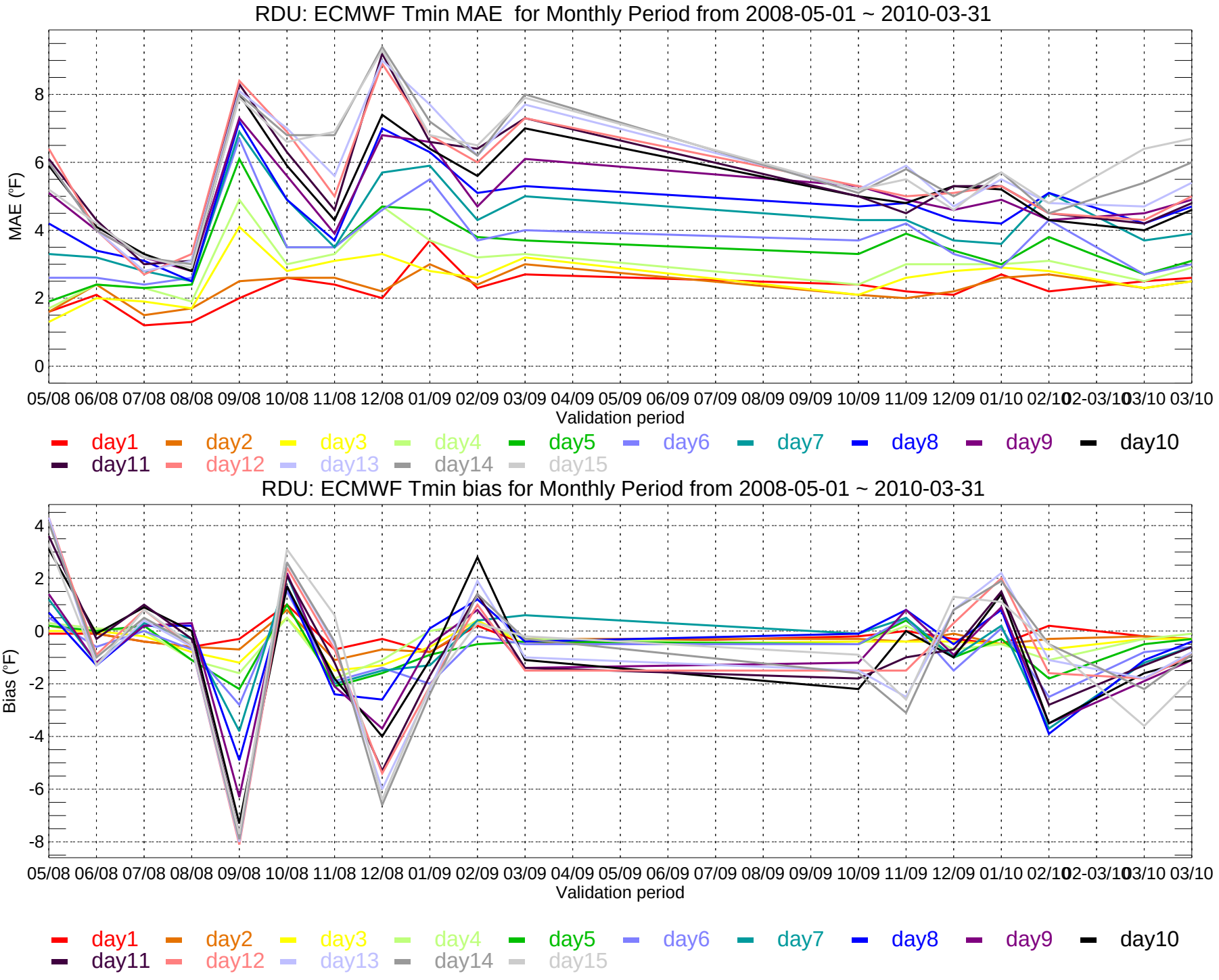

RBL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
RBL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

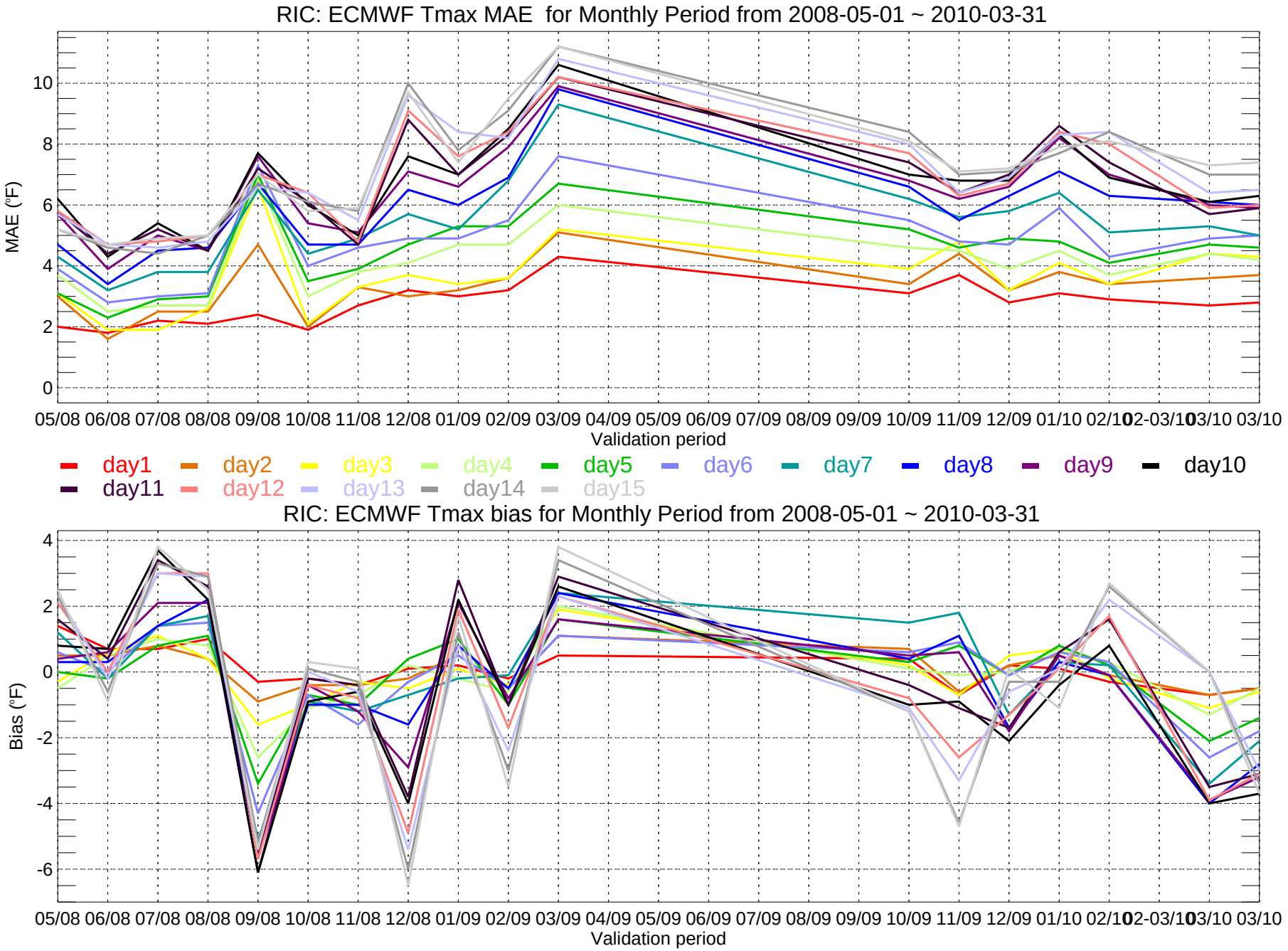

RDD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
RDD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

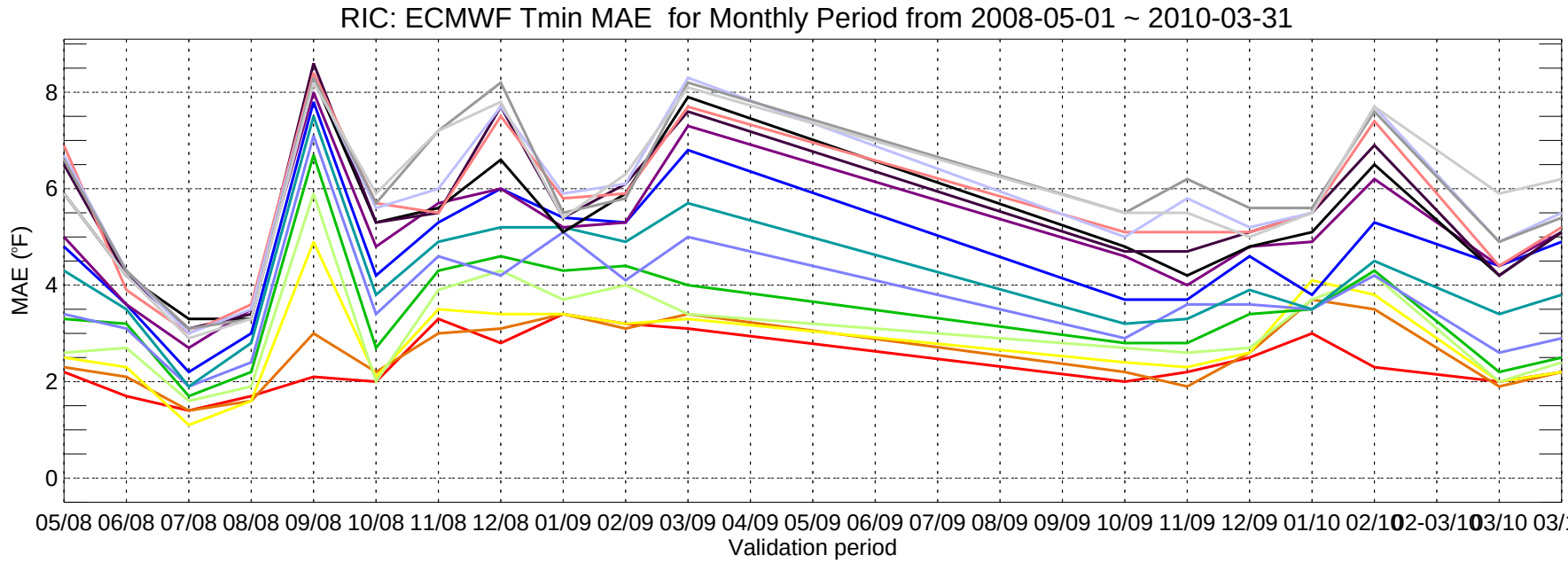

RDD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

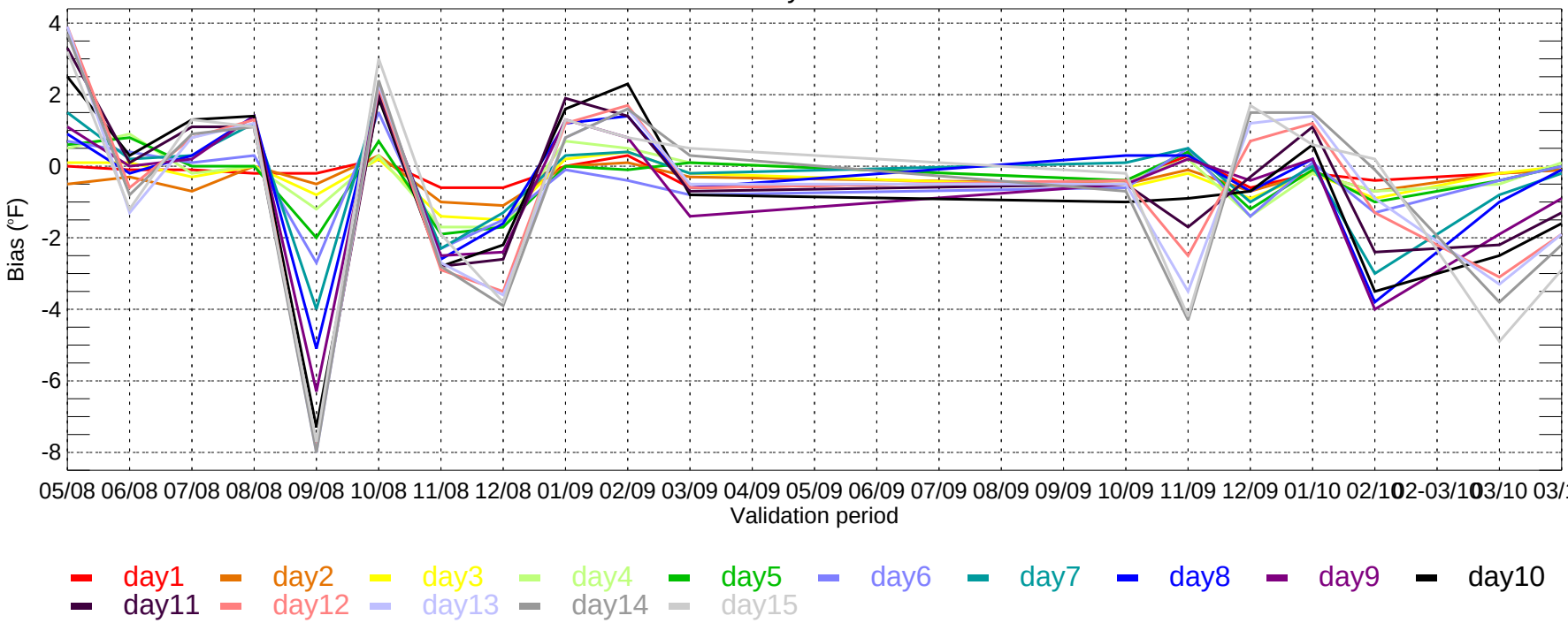

RDD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

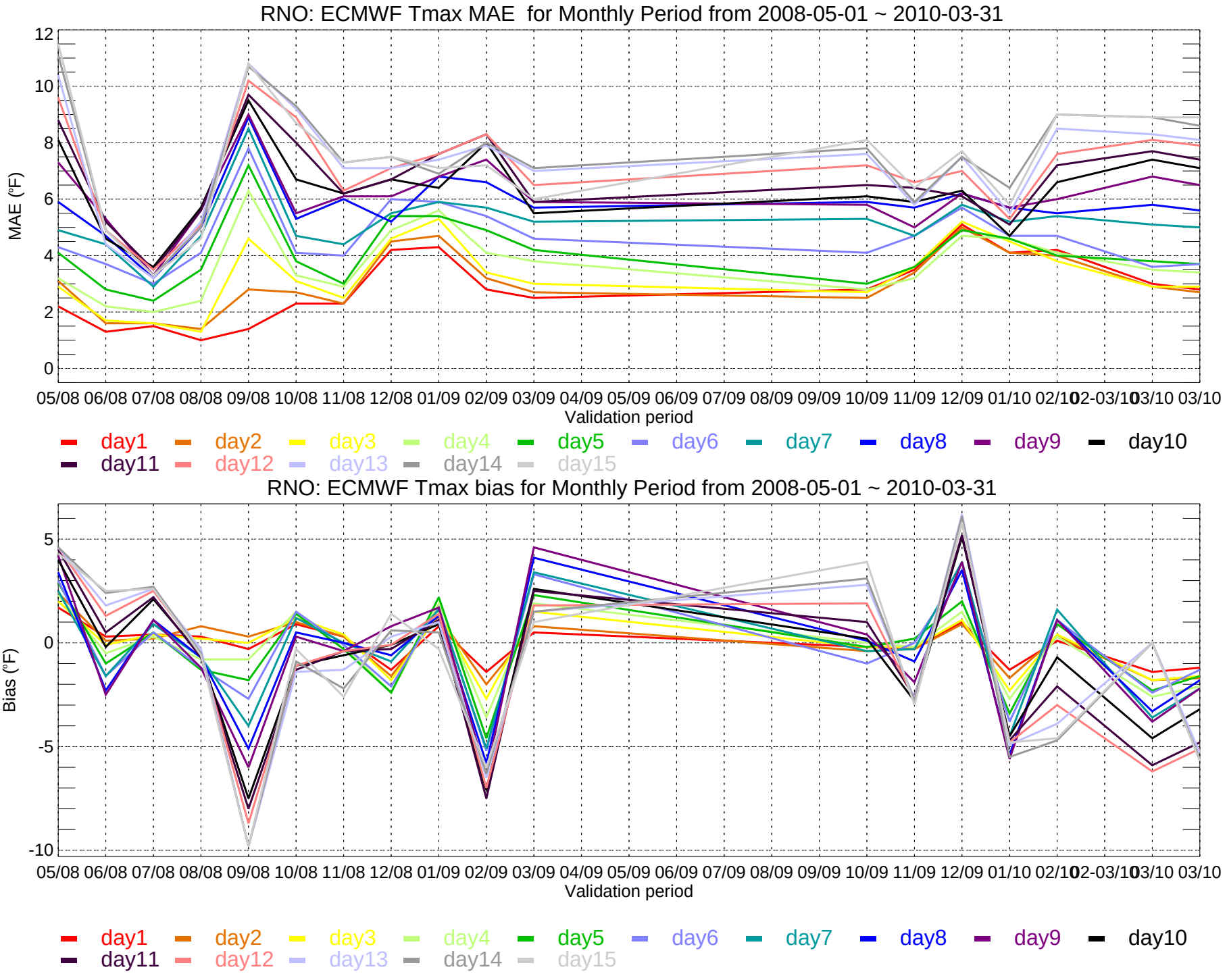

RDU: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
RDU: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

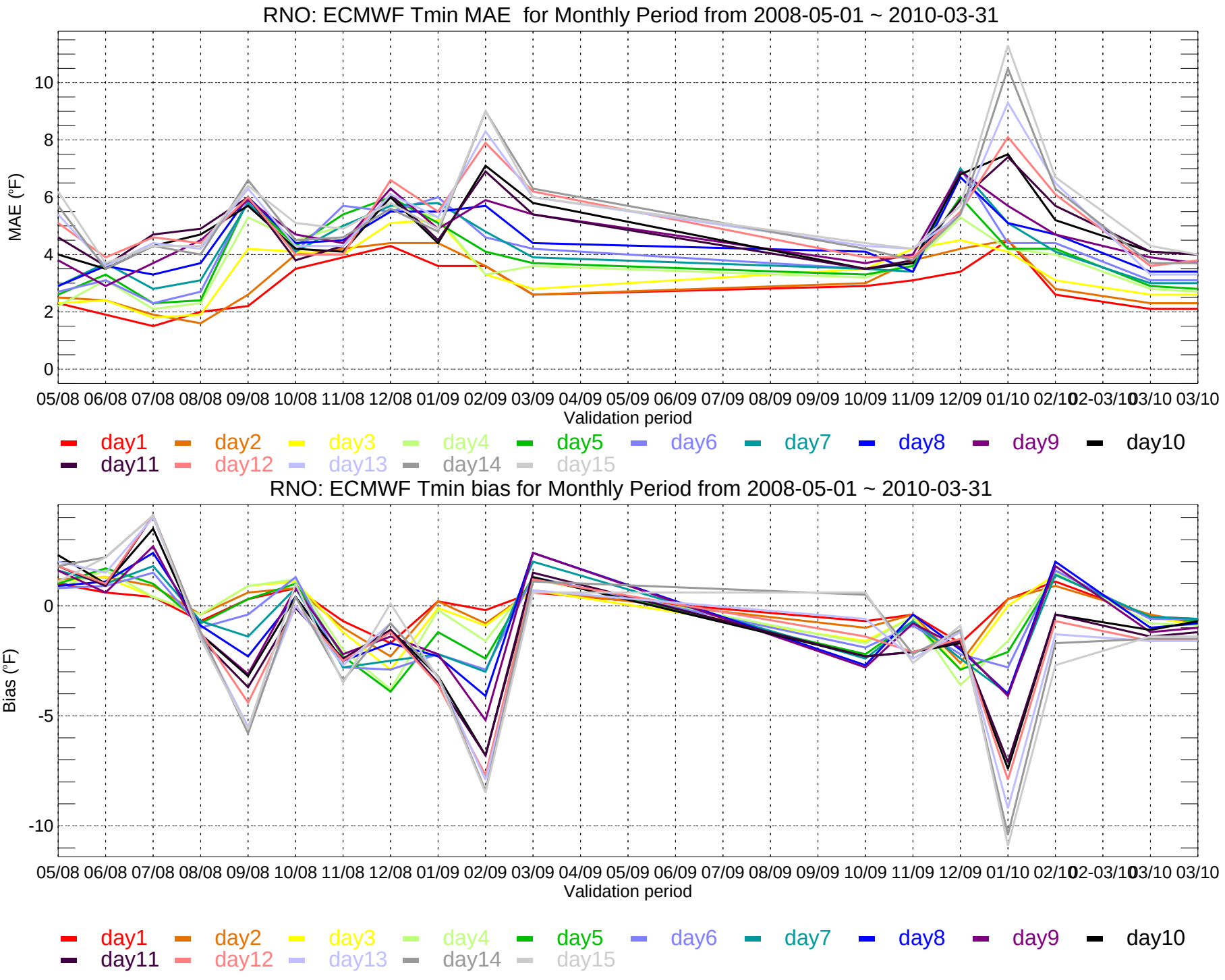

RDU: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
RDU: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

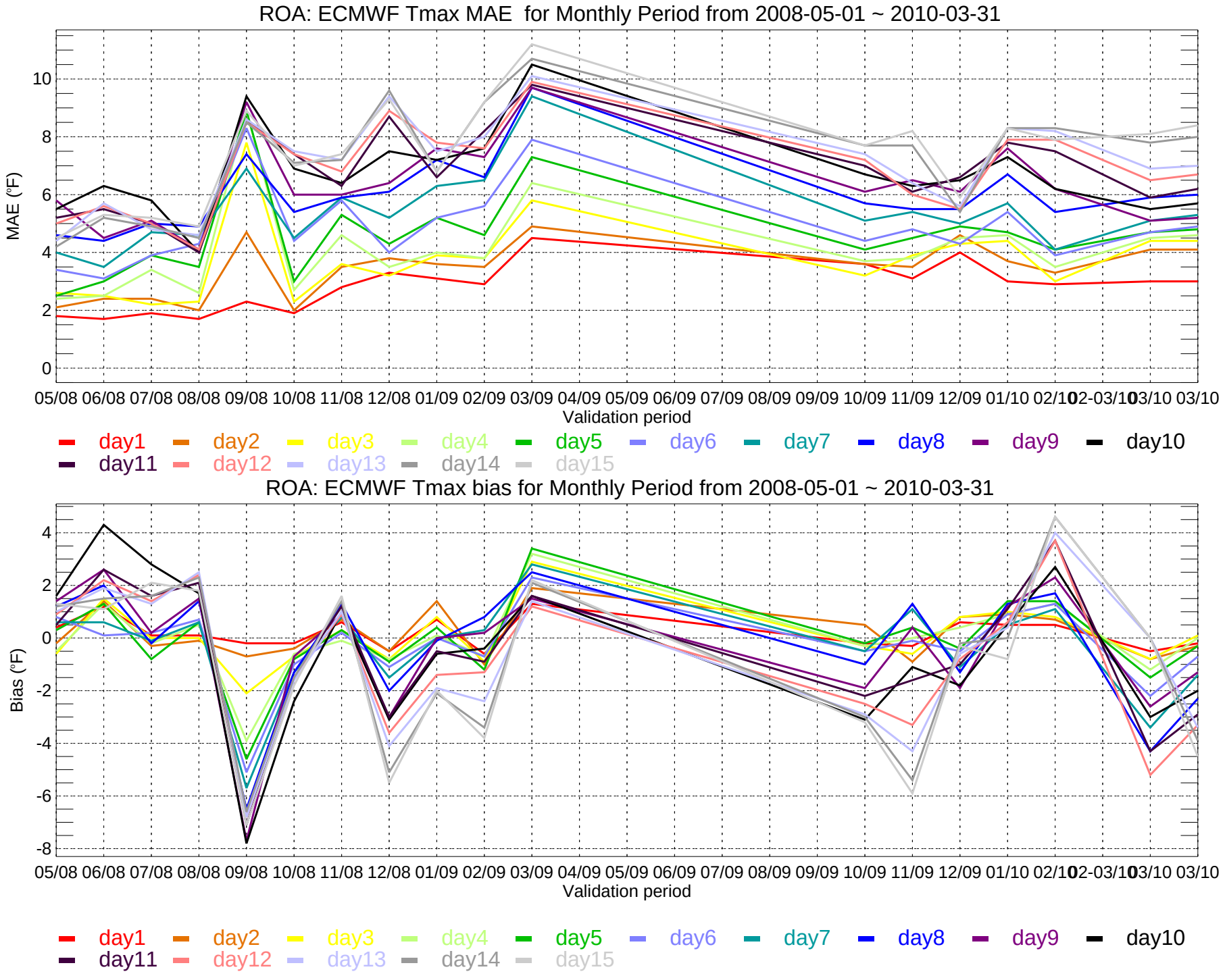

RIC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
RIC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

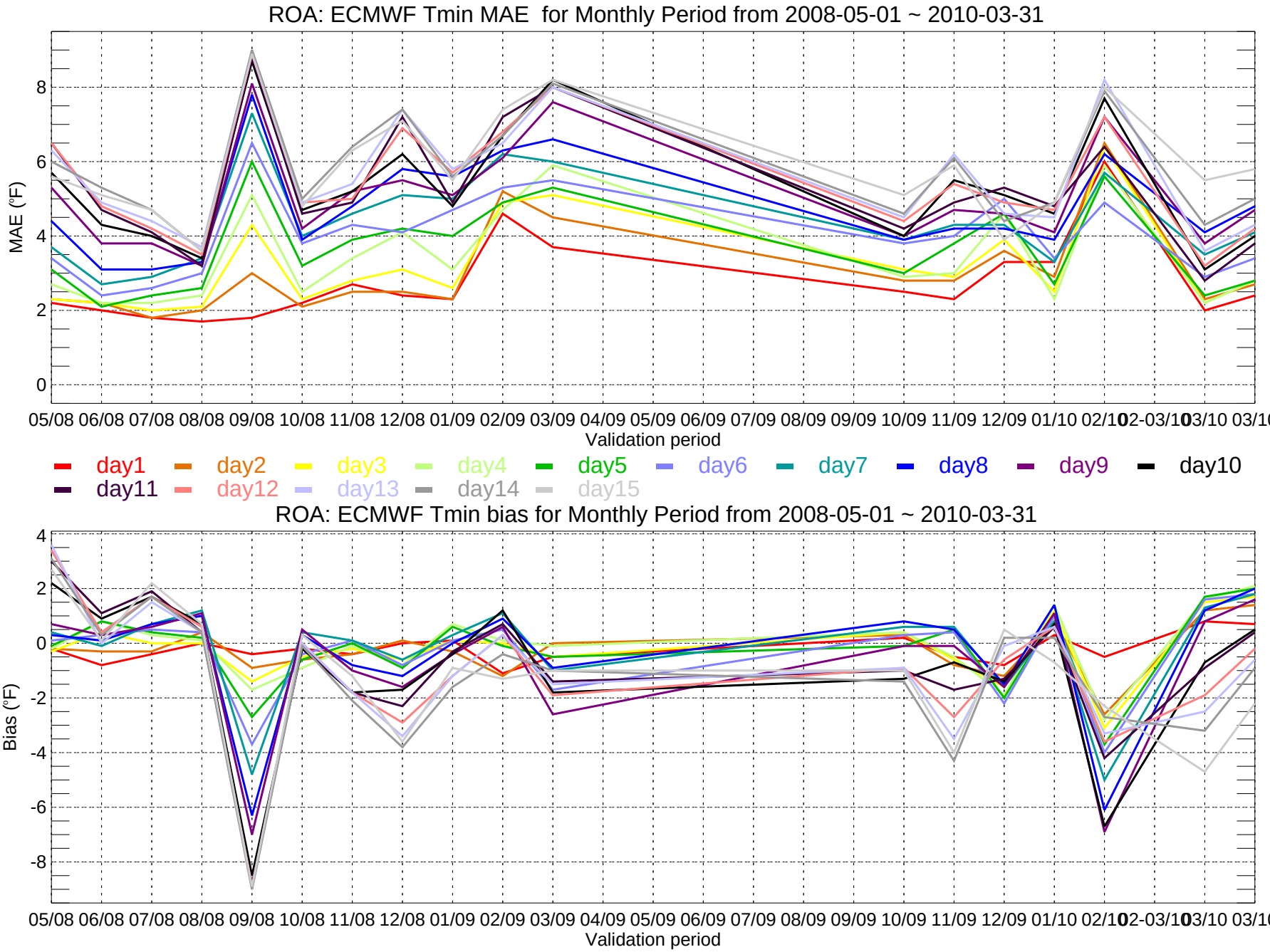

RIC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

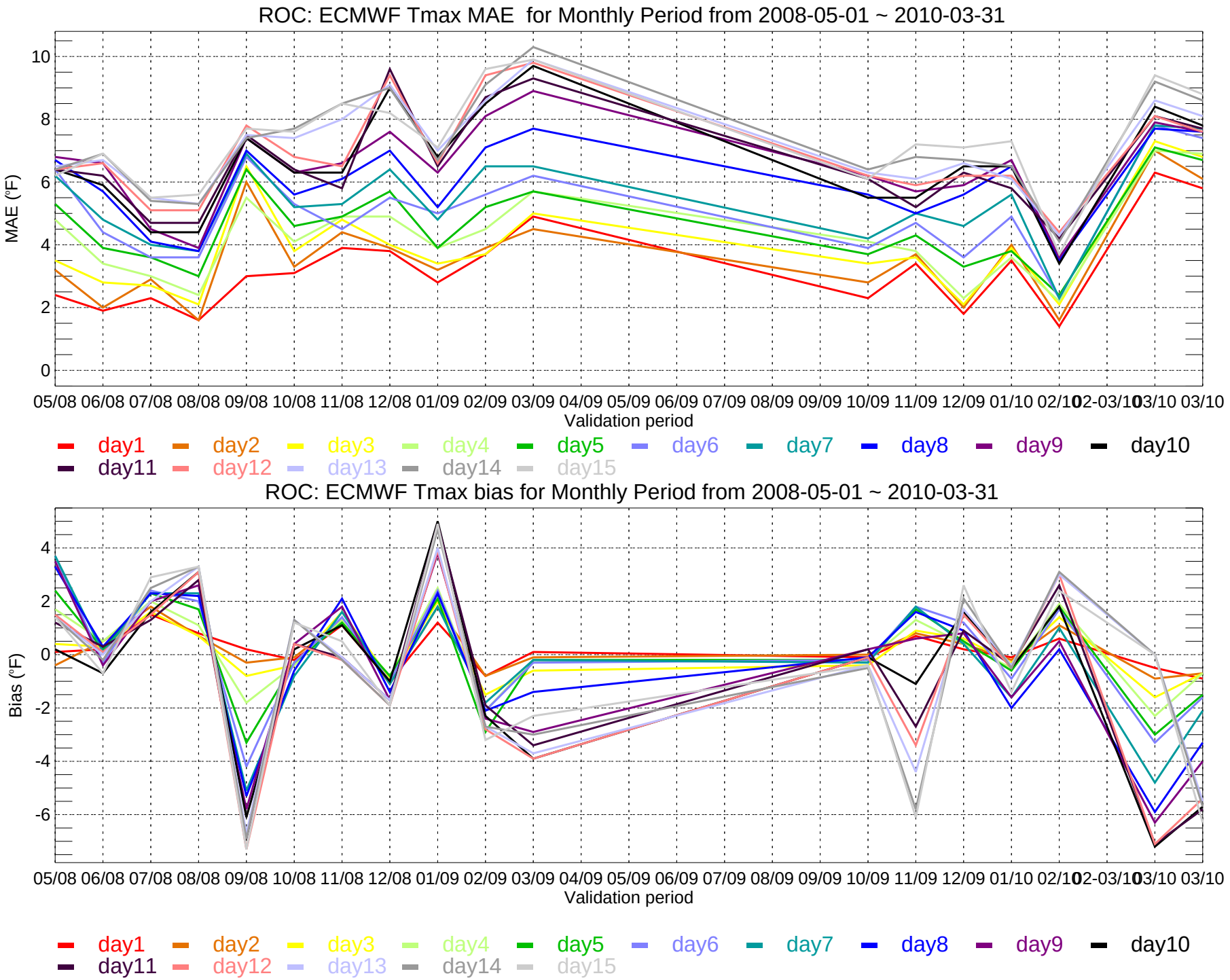

RIC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

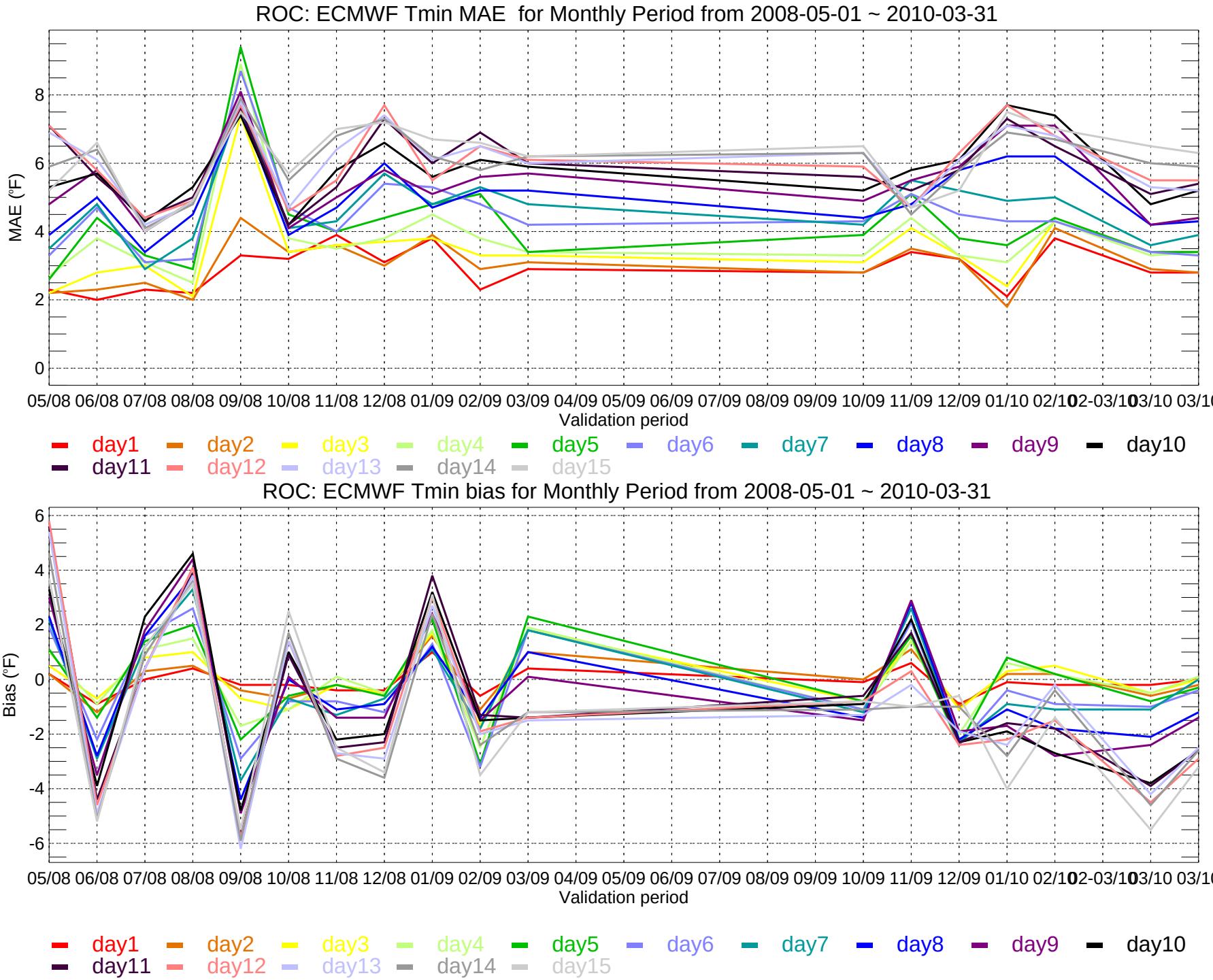

RNO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
RNO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

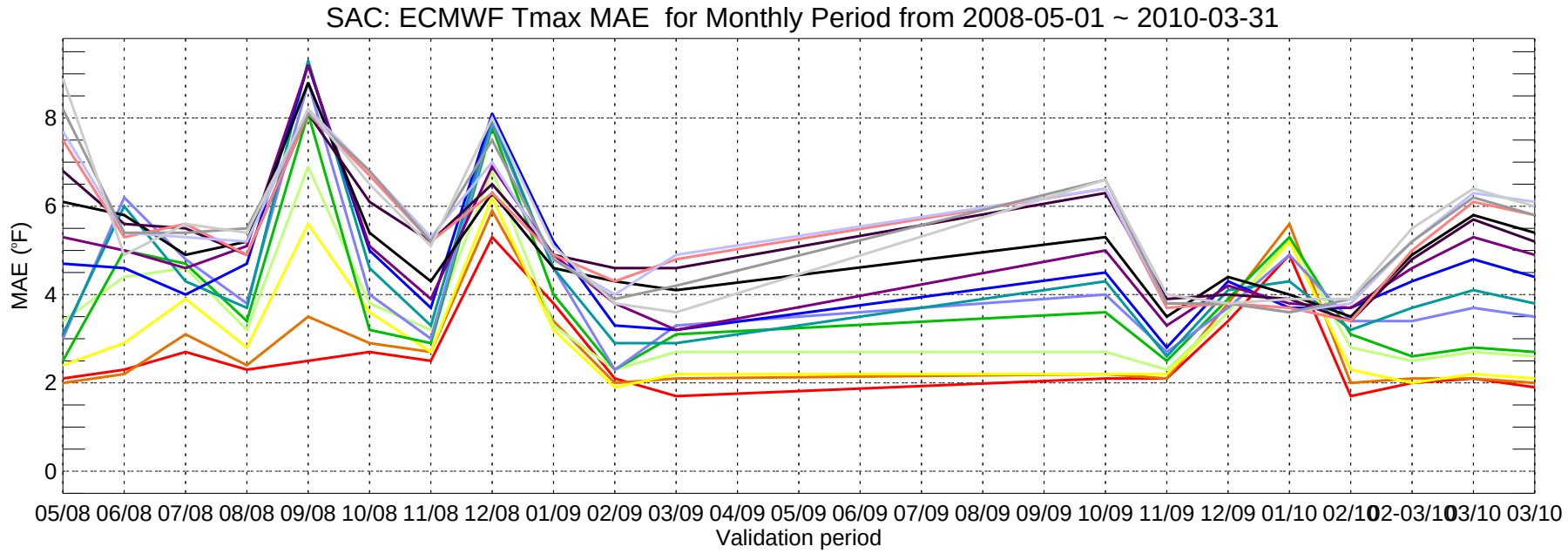

RNO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
RNO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

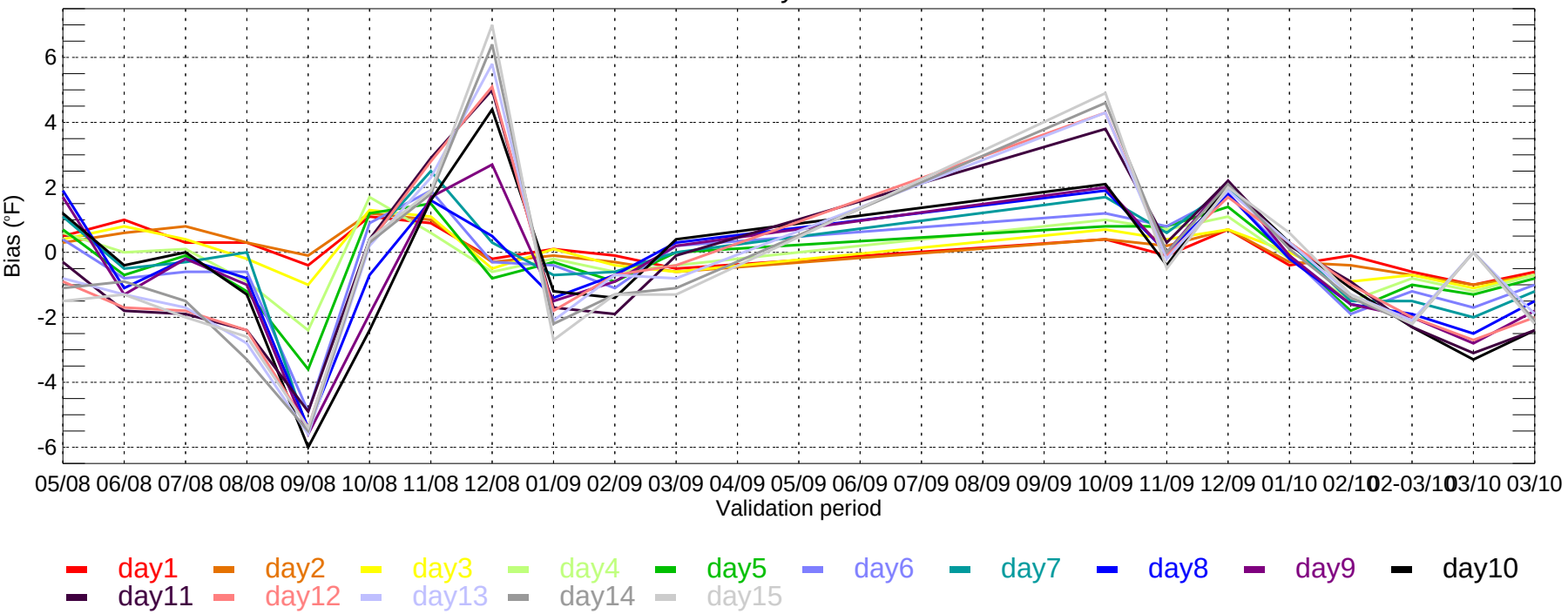

ROA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ROA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

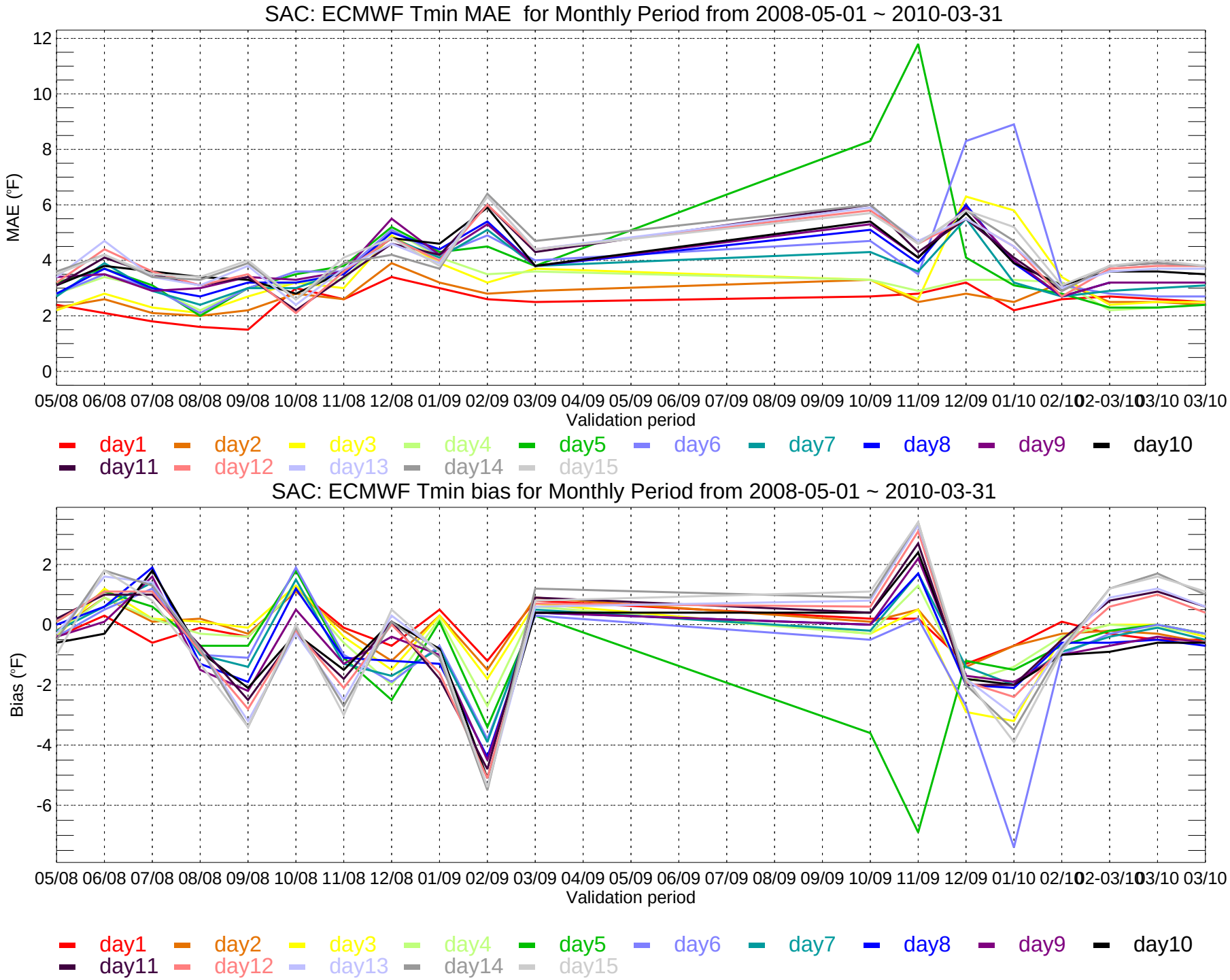

ROA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ROA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

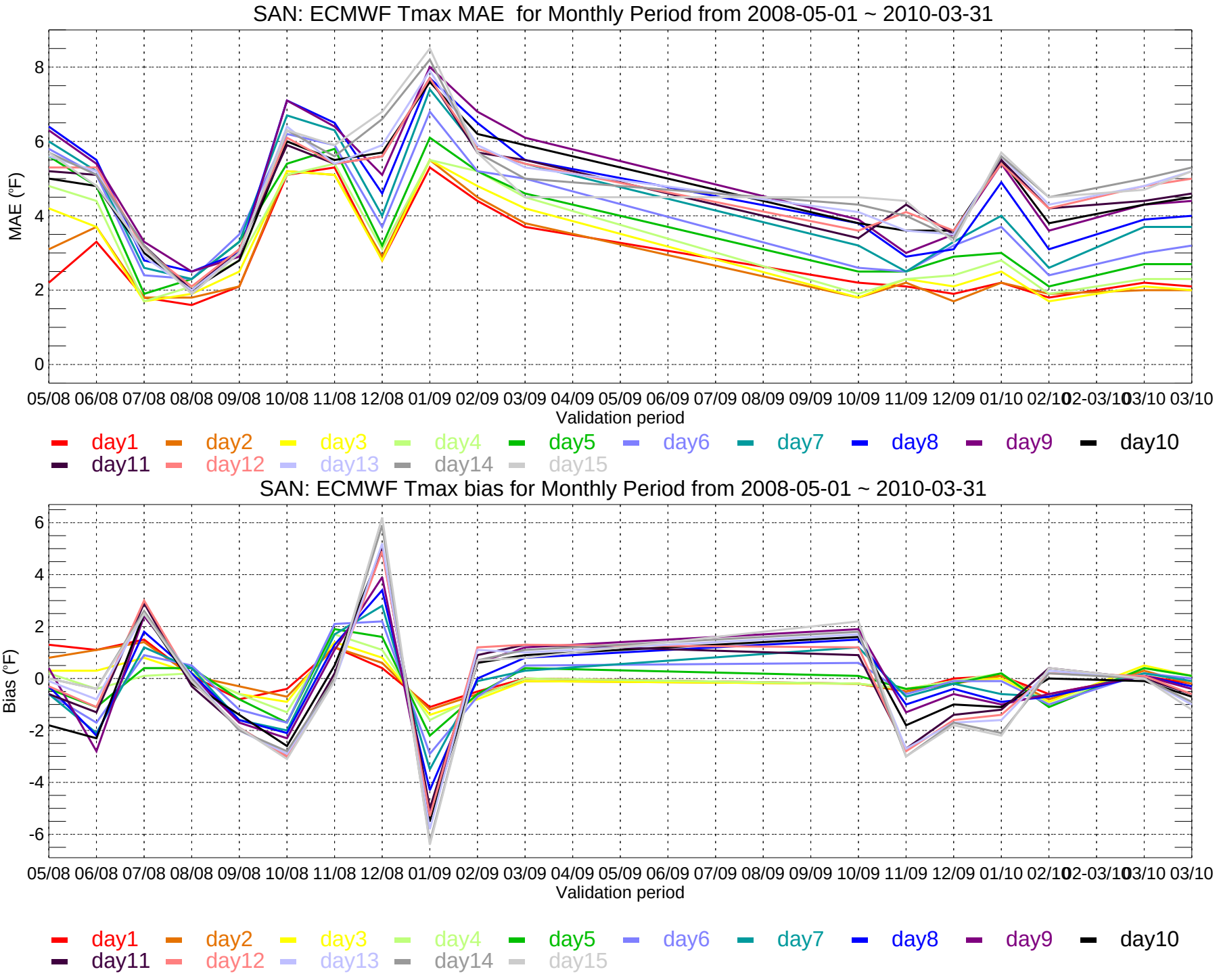

ROC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ROC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

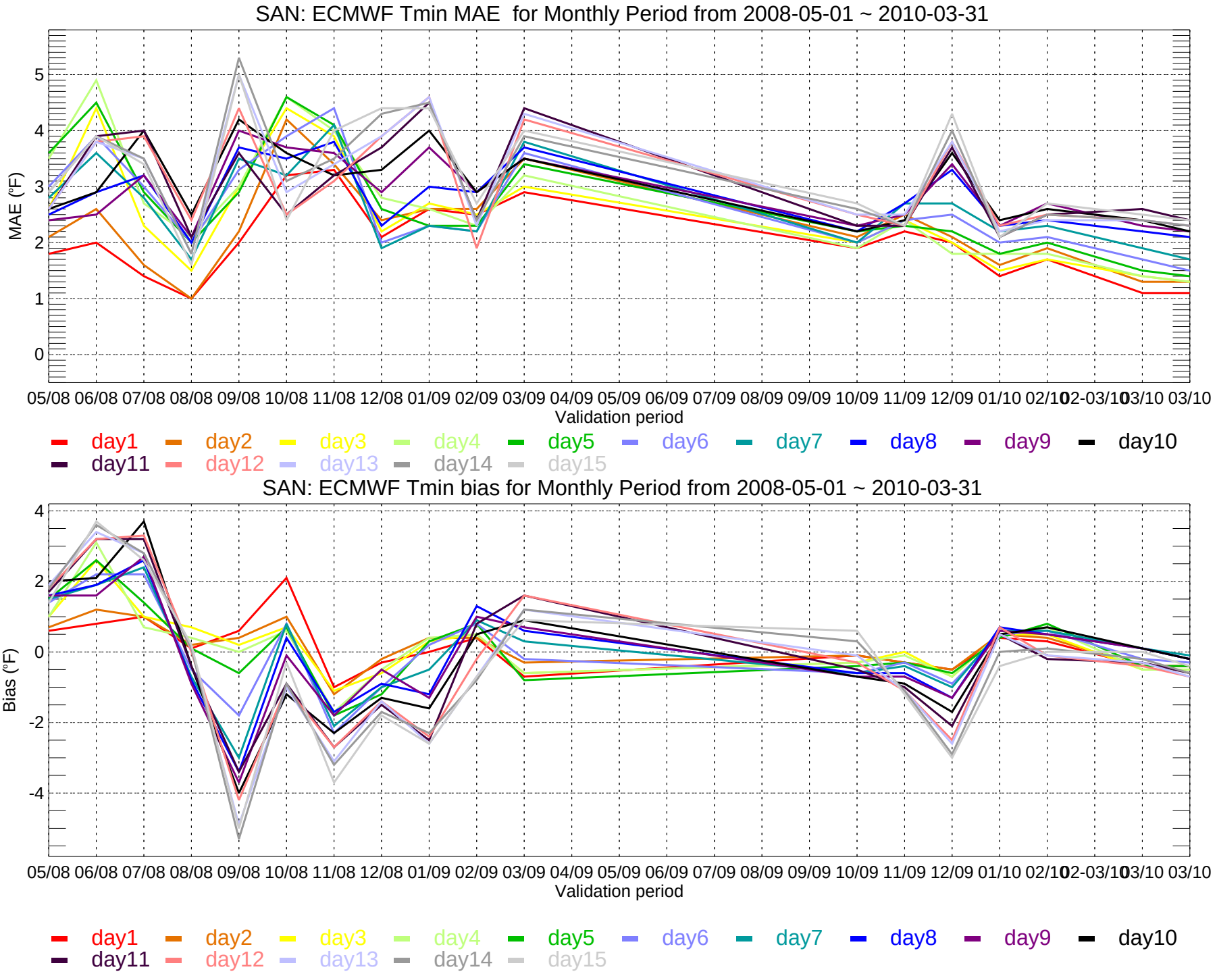

ROC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
ROC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

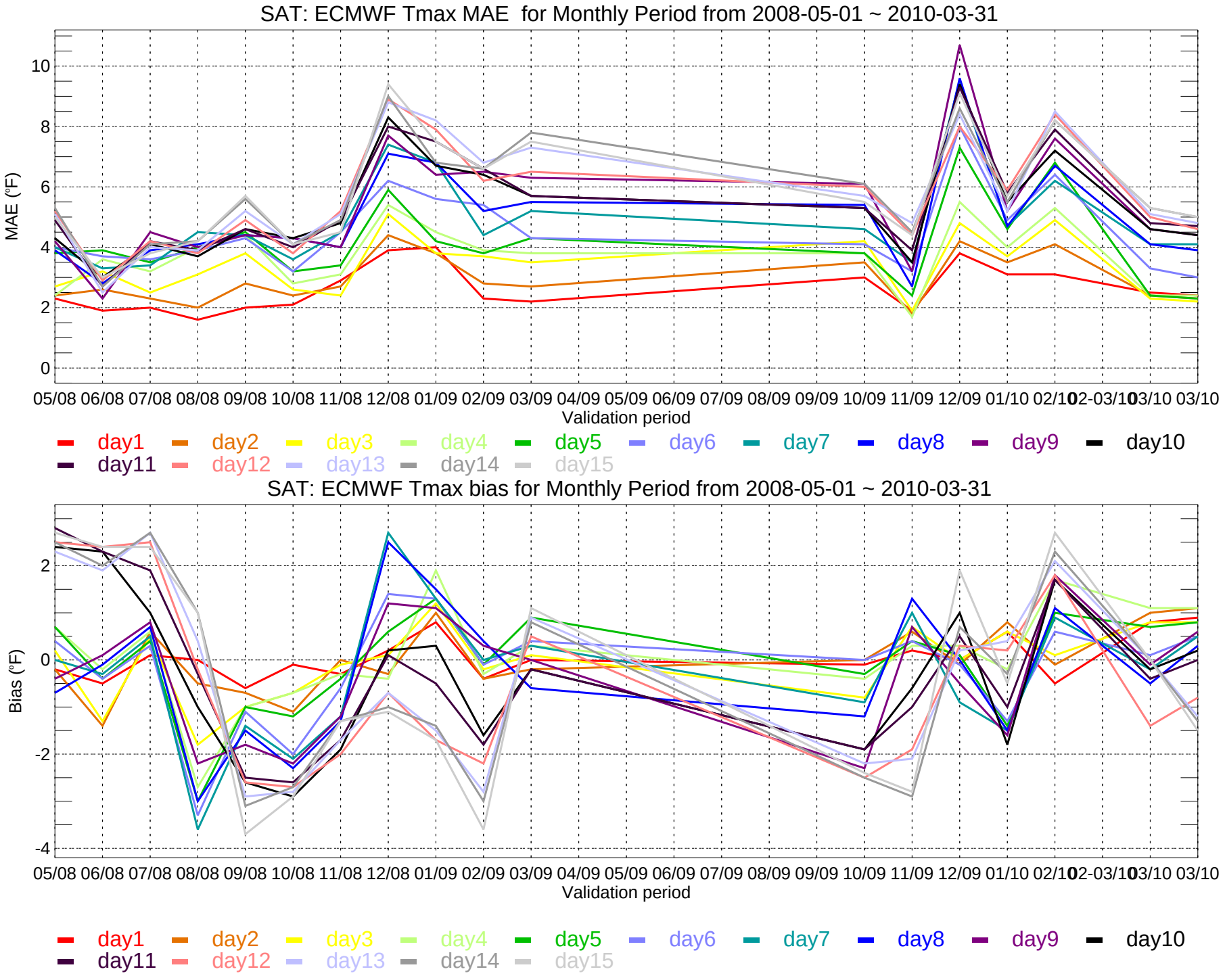

SAC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

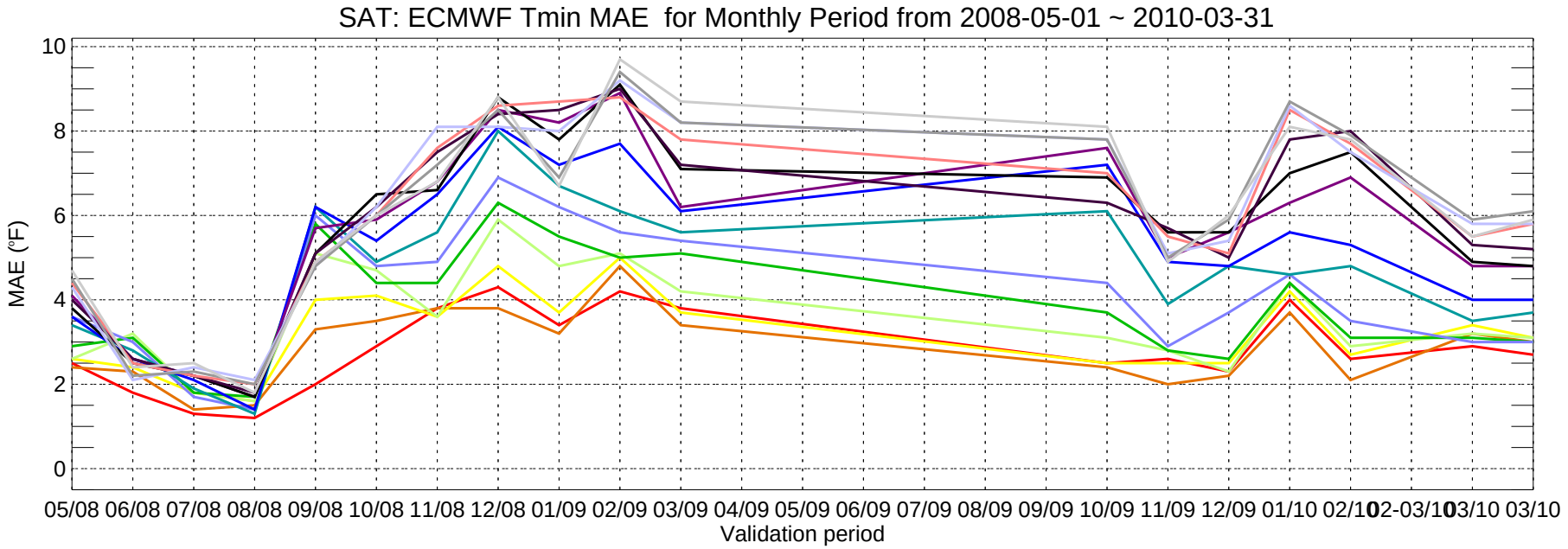

SAC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

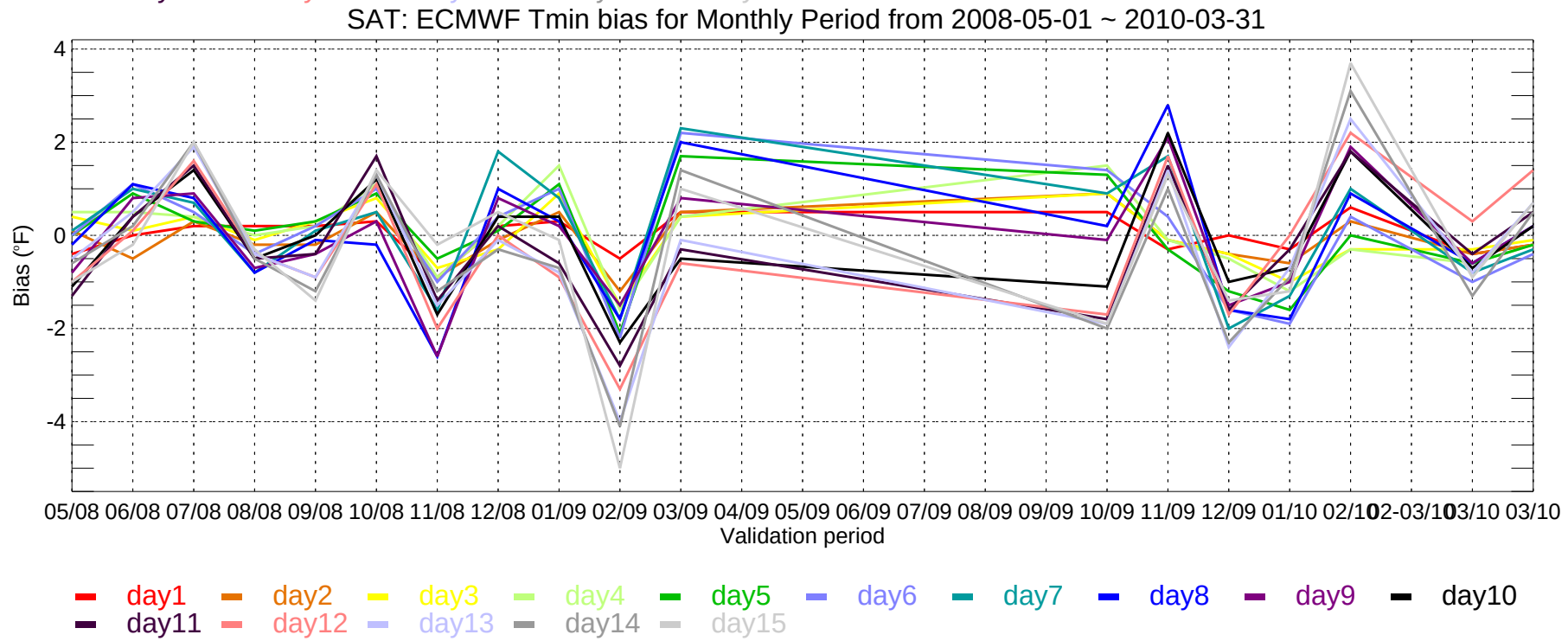

SAC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SAC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

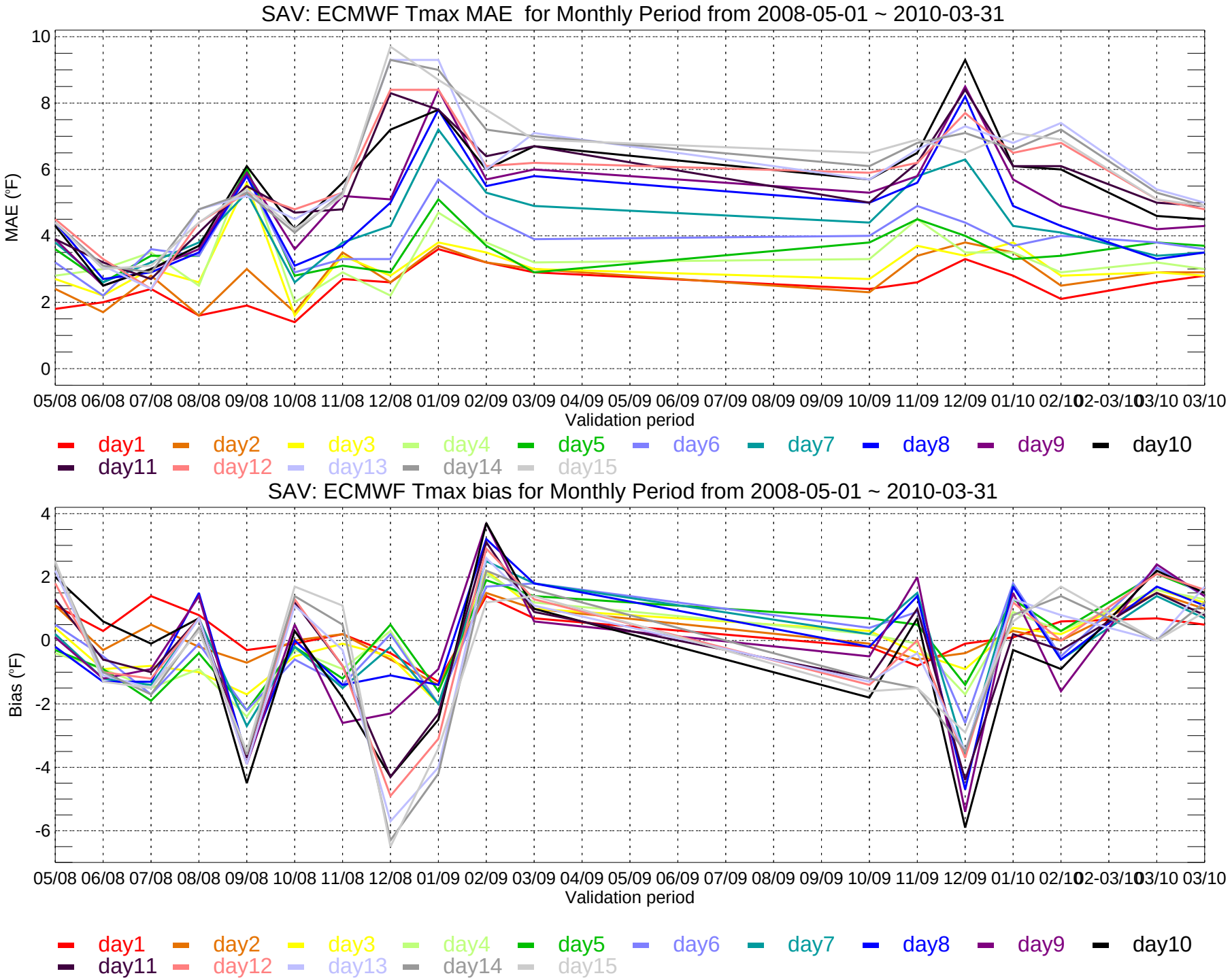

SAN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SAN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

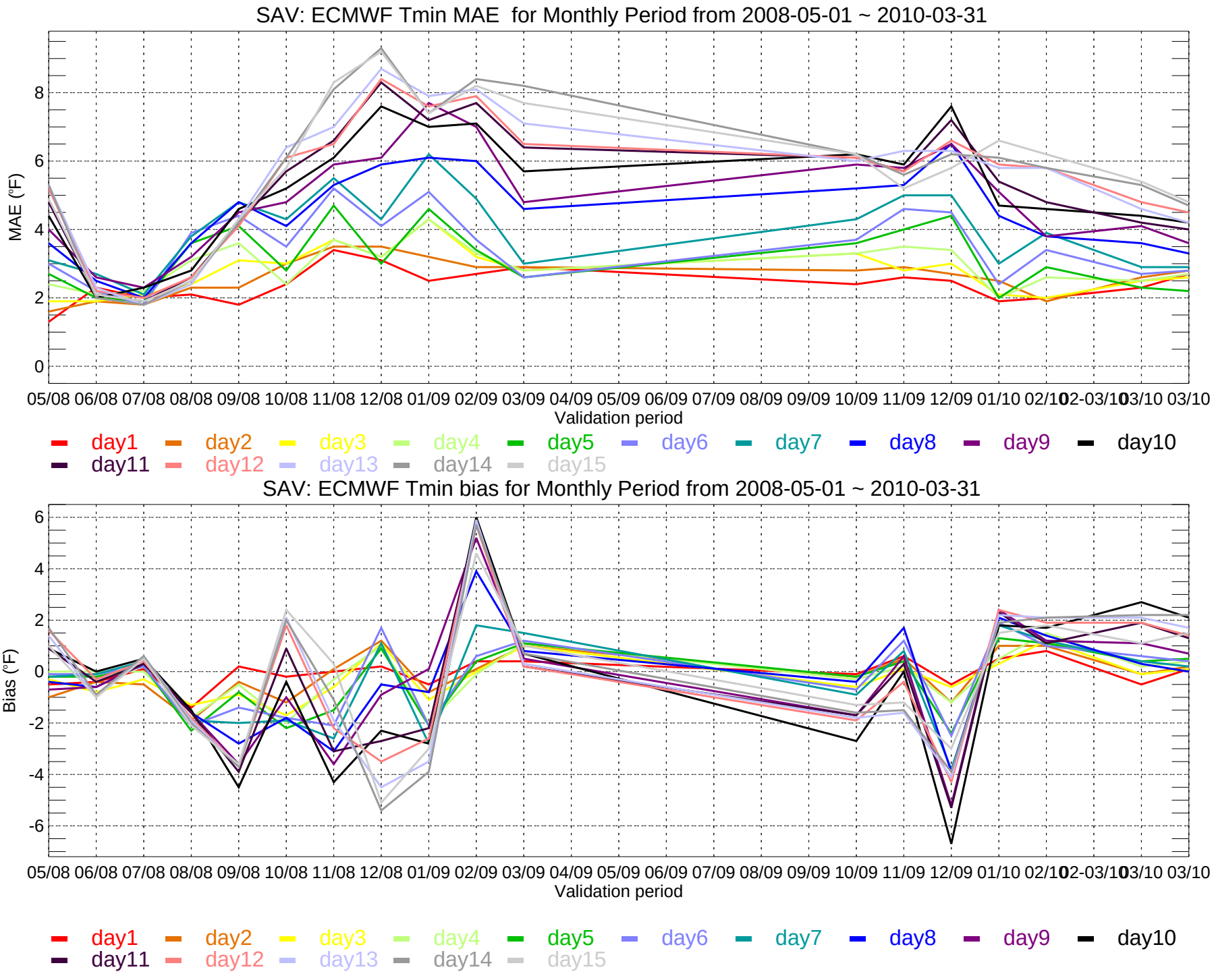

SAN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
1
2
3
4
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SAN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

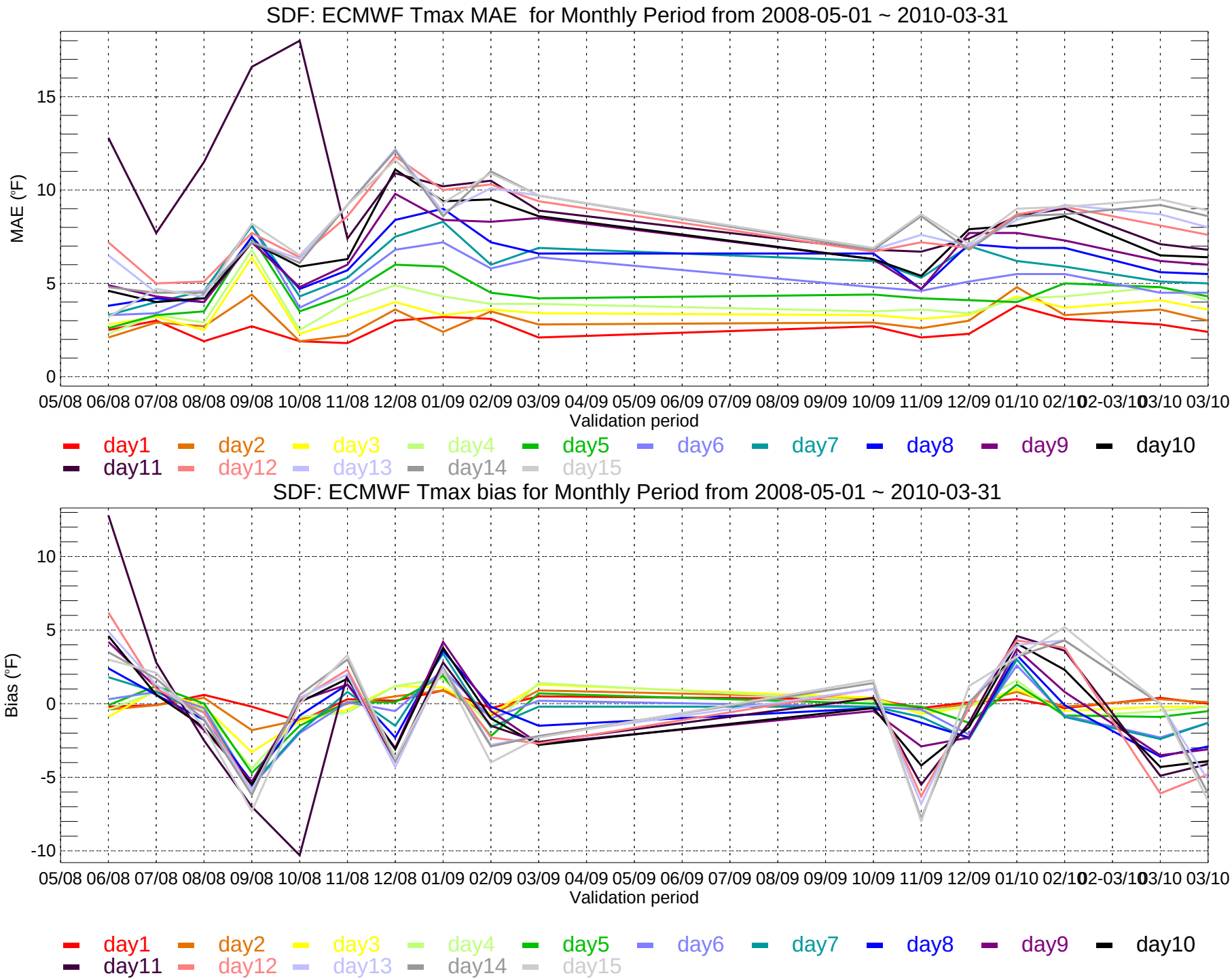

SAT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SAT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

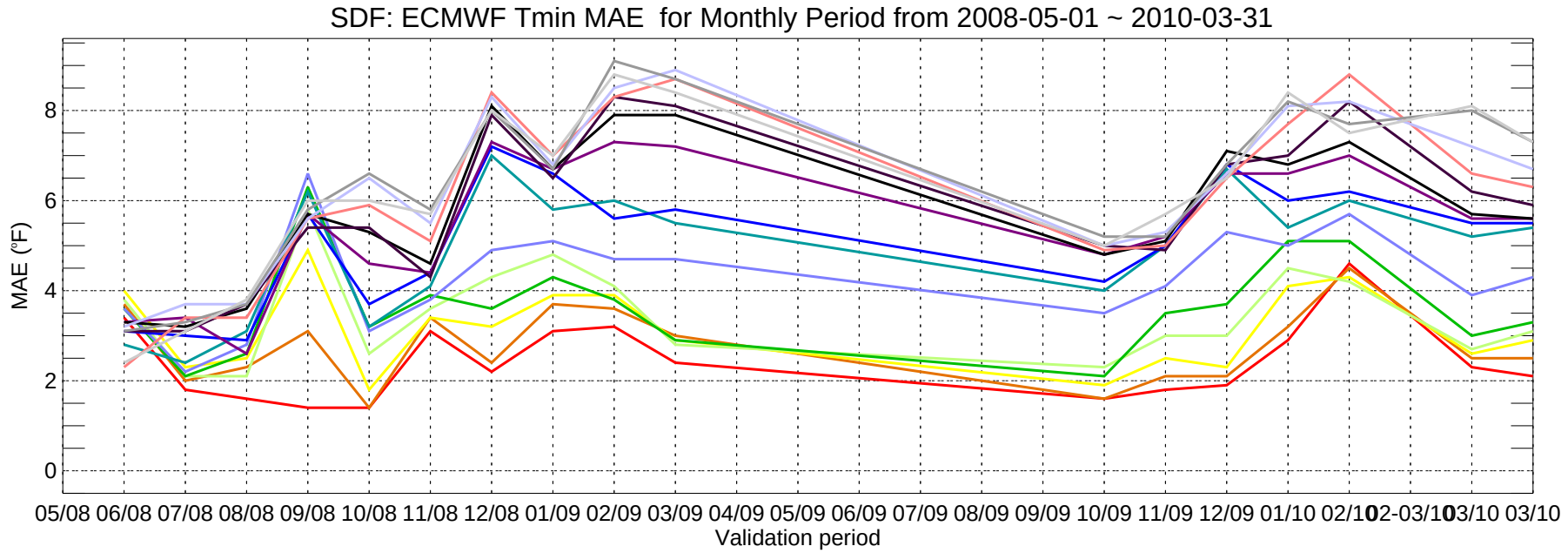

SAT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

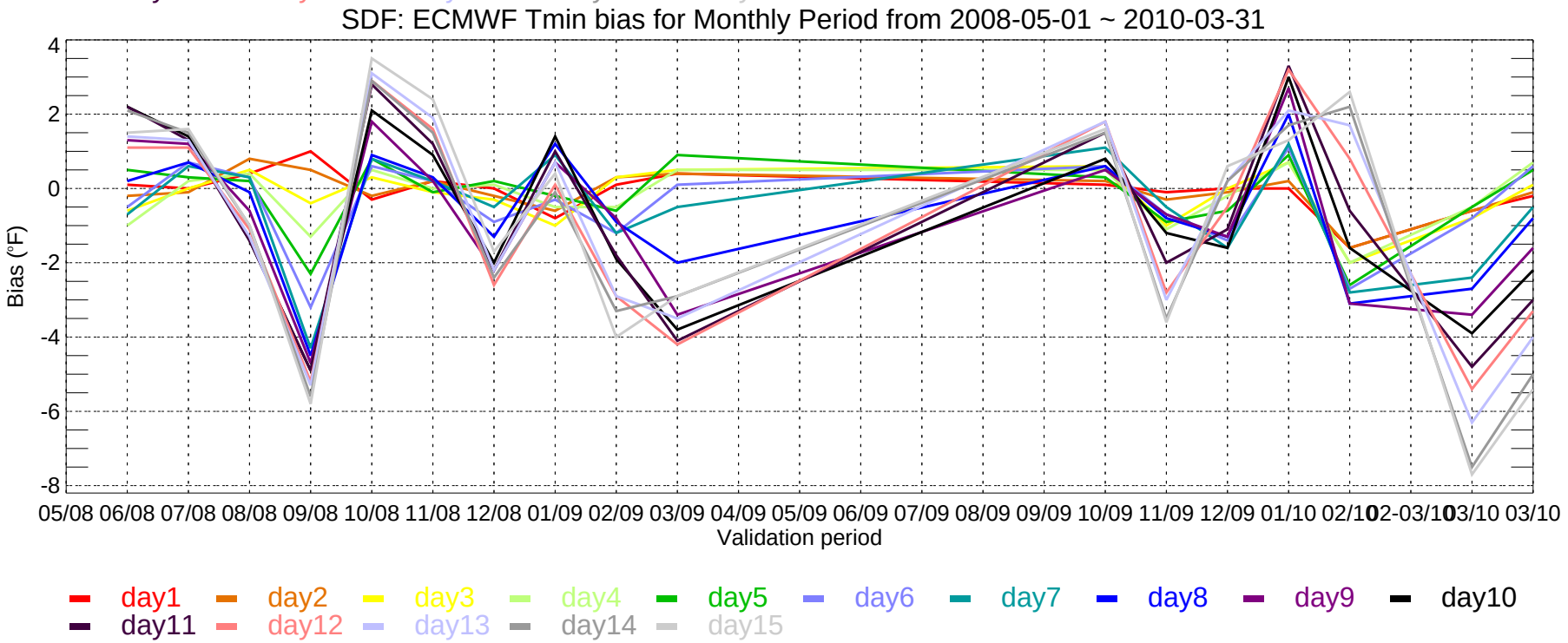

SAT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

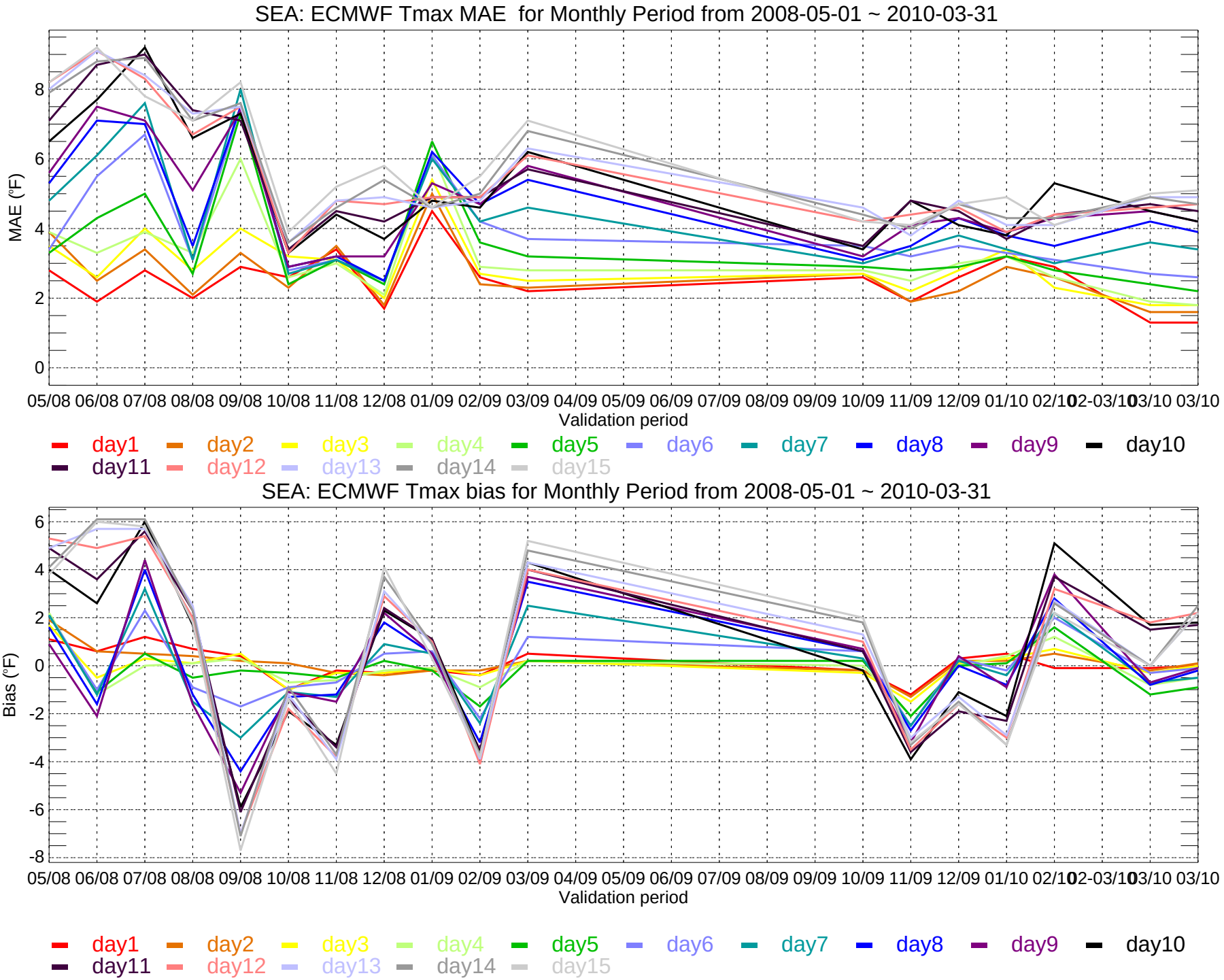

SAV: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SAV: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

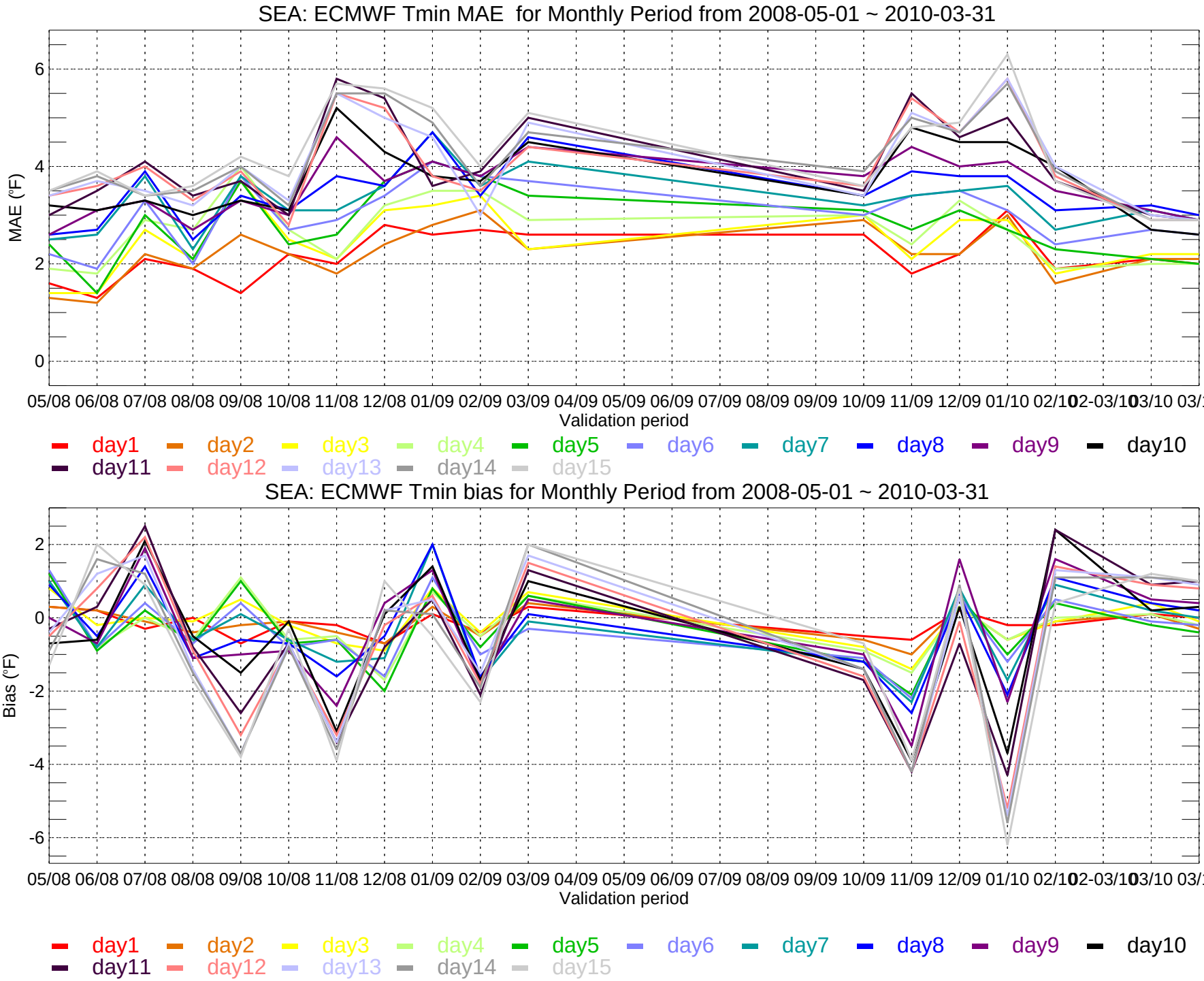

SAV: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SAV: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

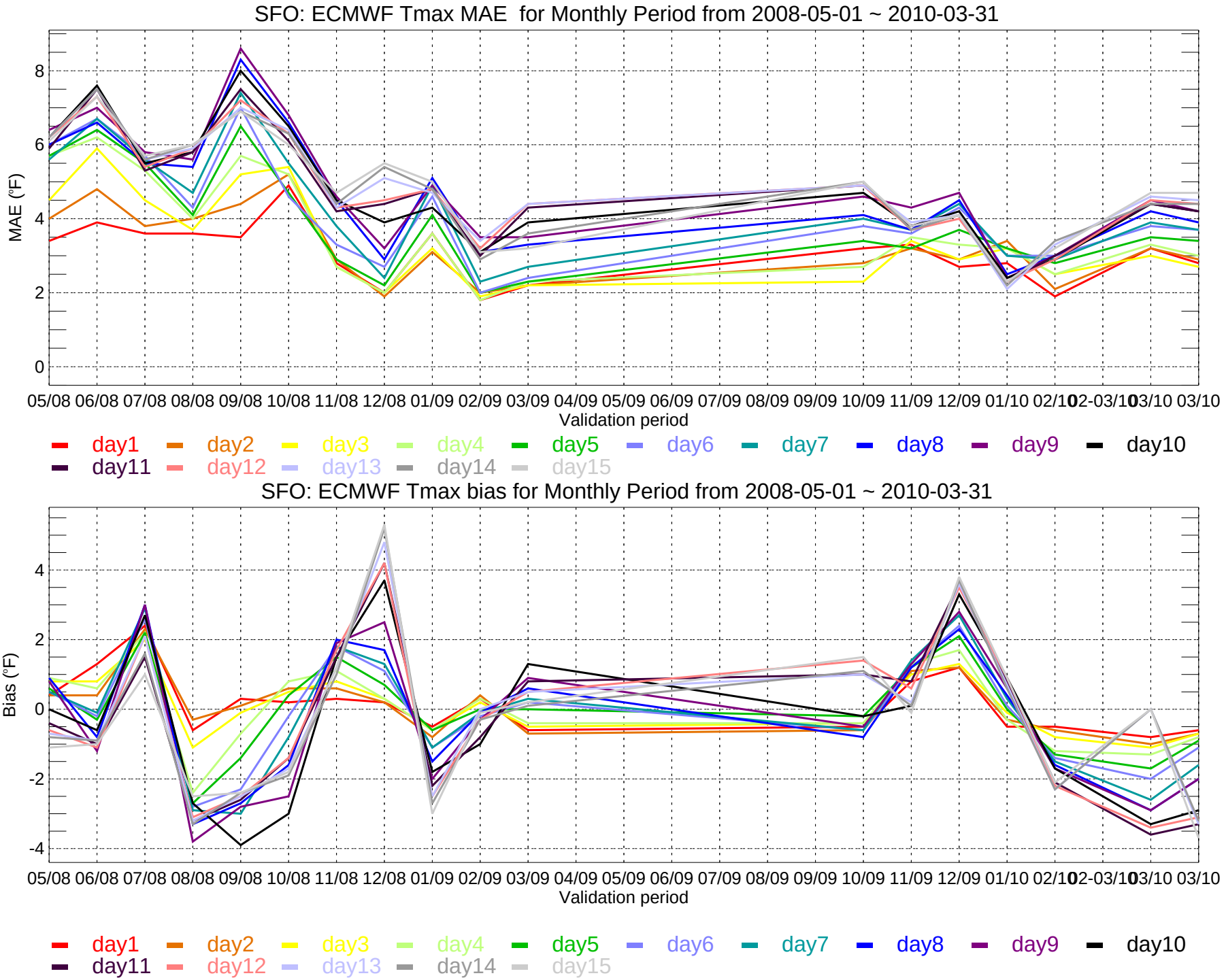

SDF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
5
10
15
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SDF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

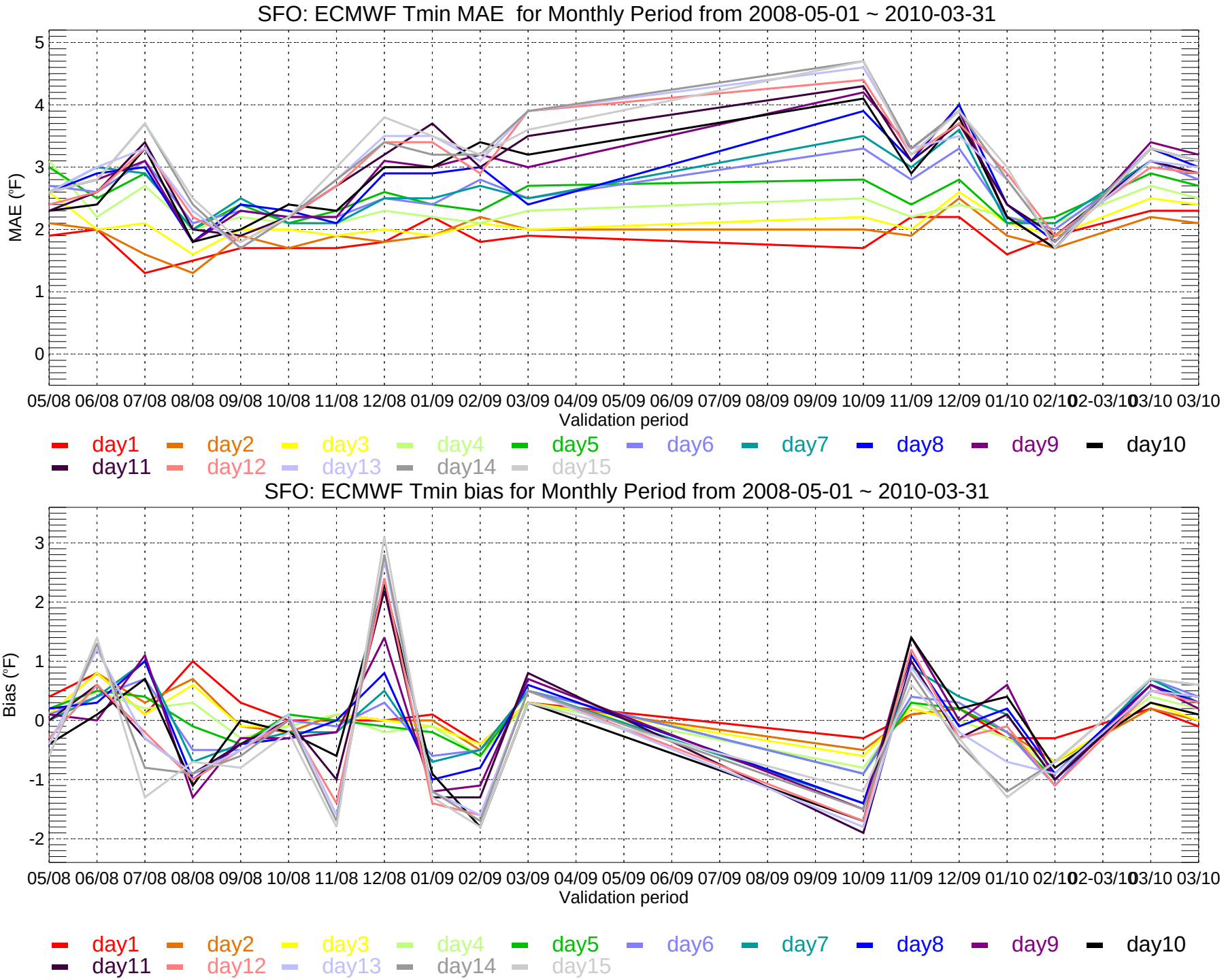

SDF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

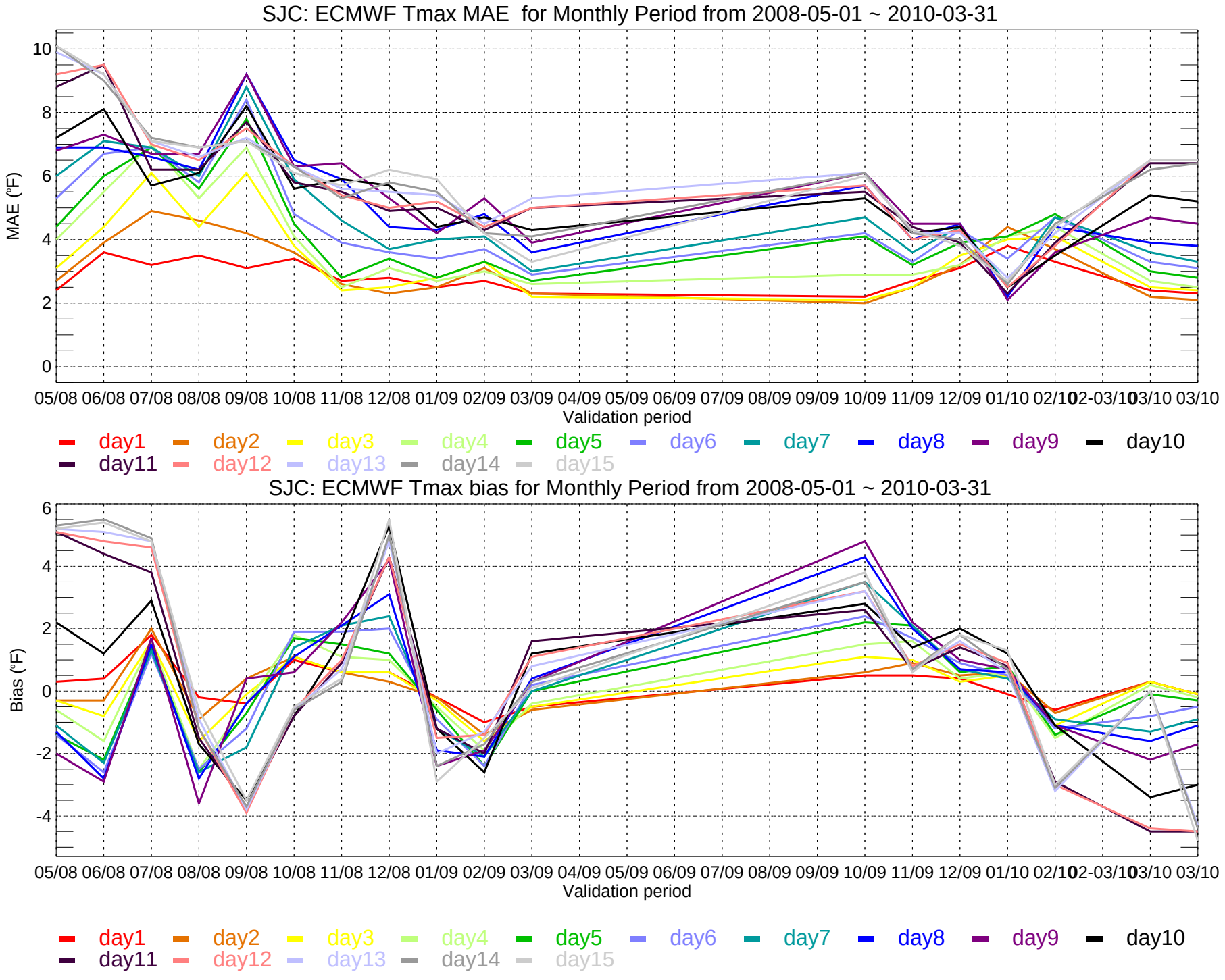

SDF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

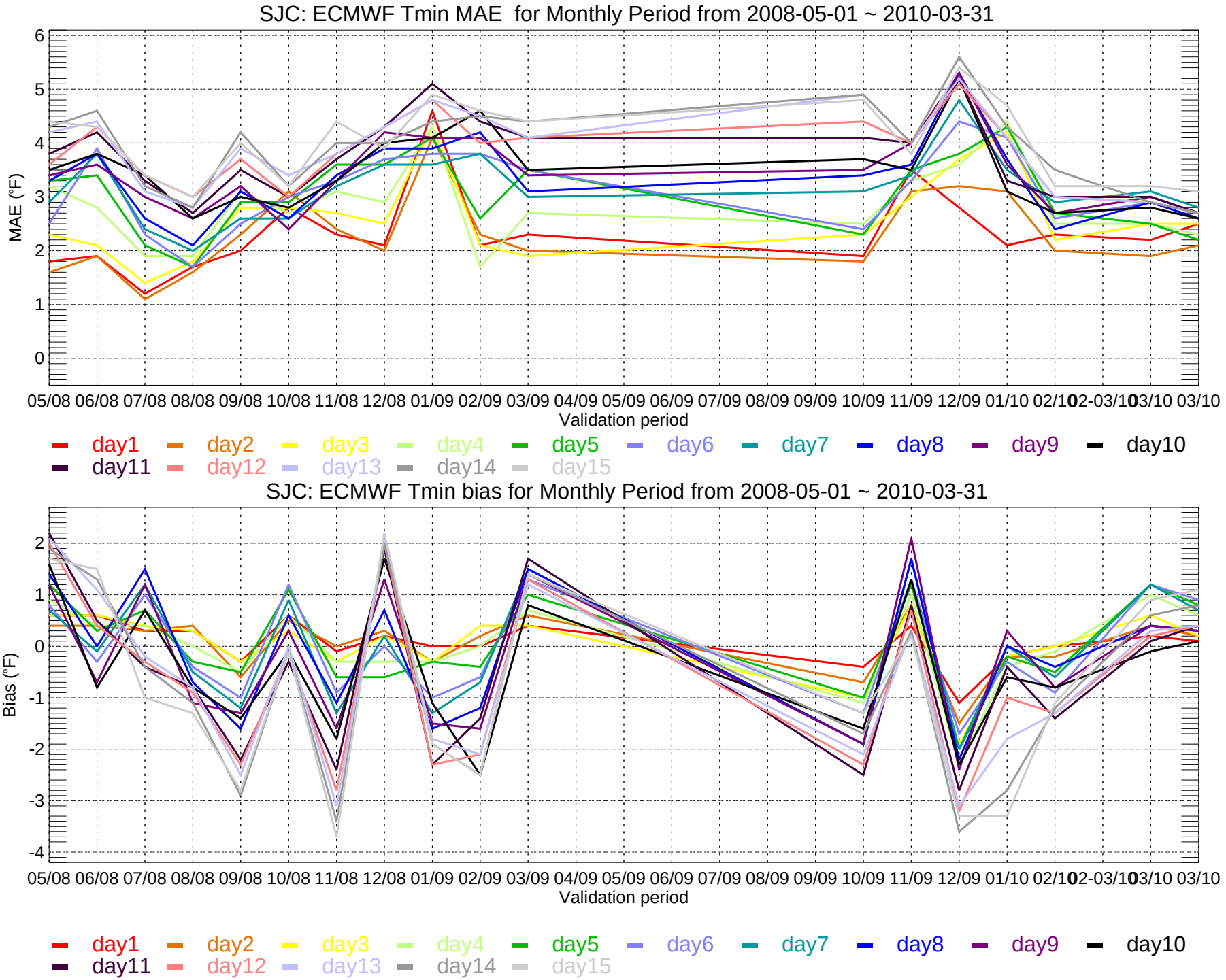

SEA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SEA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

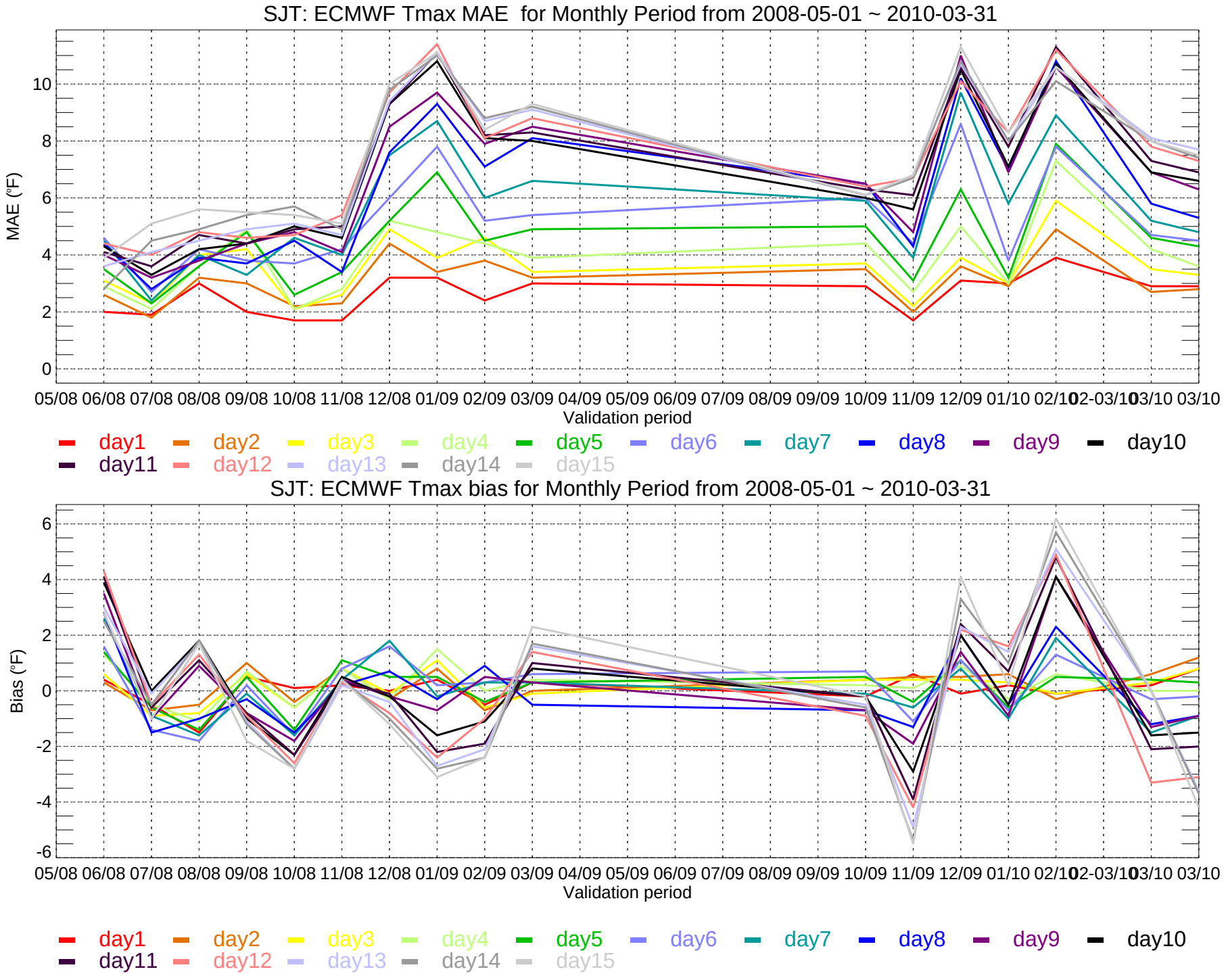

SEA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SEA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

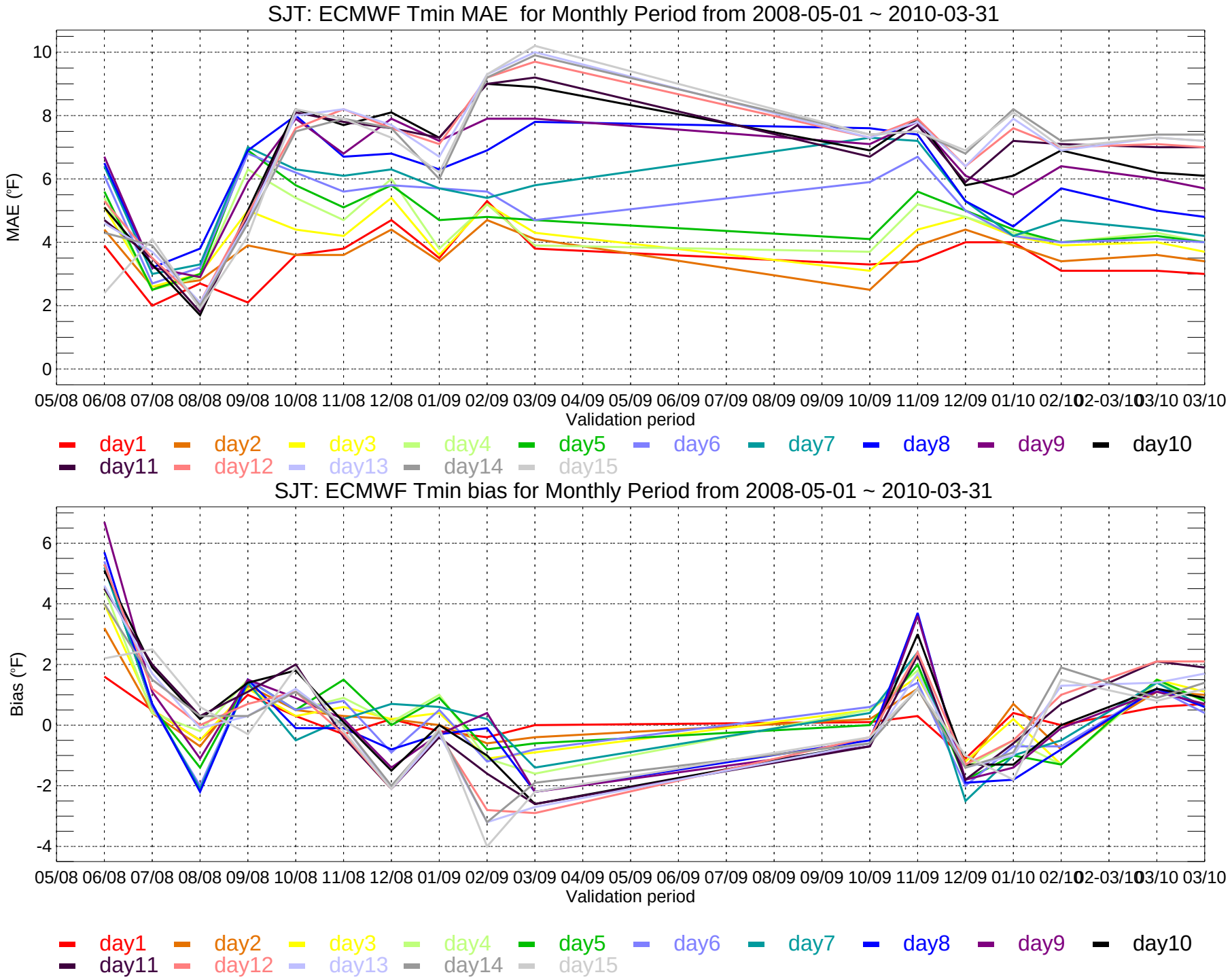

SFO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SFO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

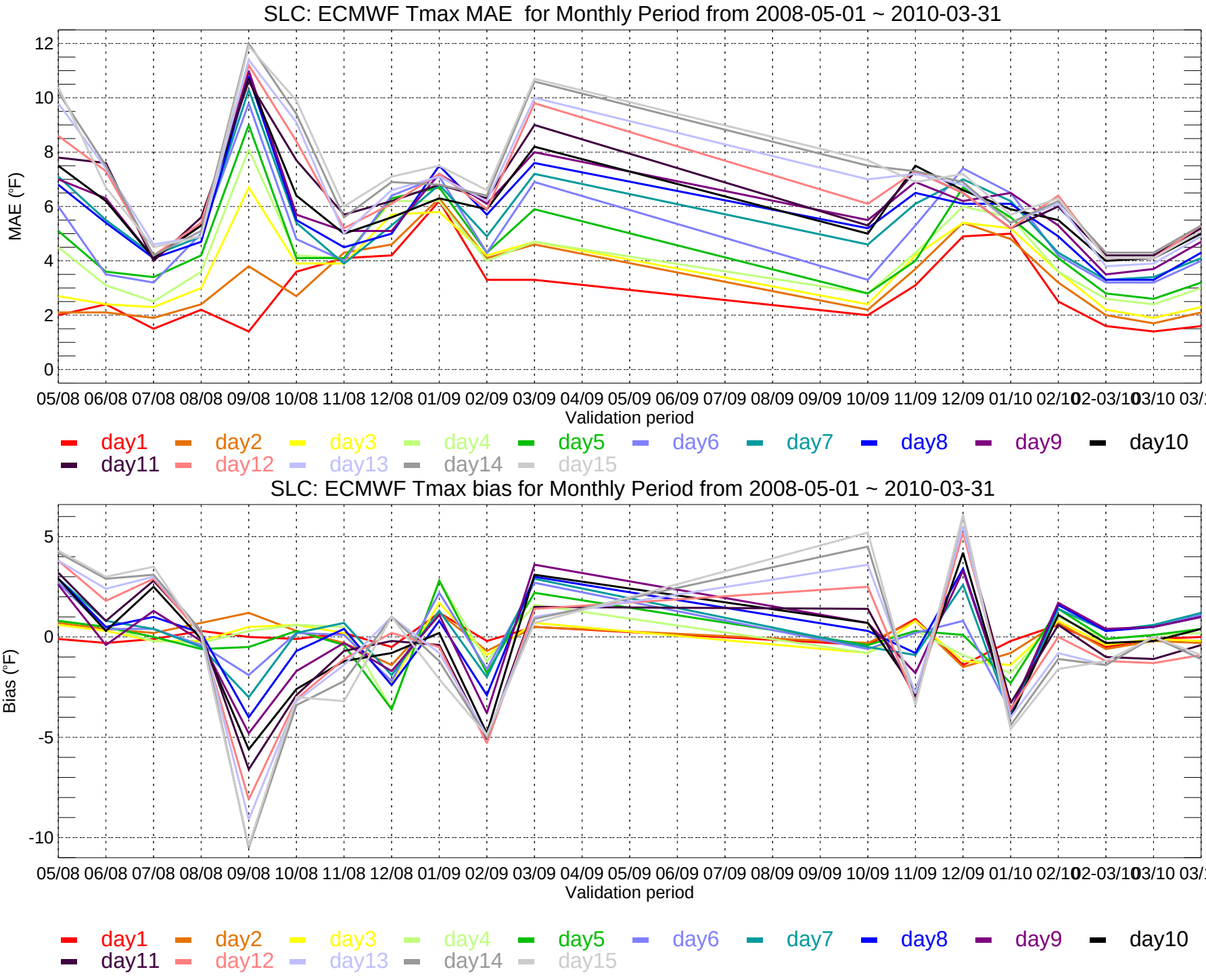

SFO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
1
2
3
4
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SFO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-2
-1
0
1
2
3
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

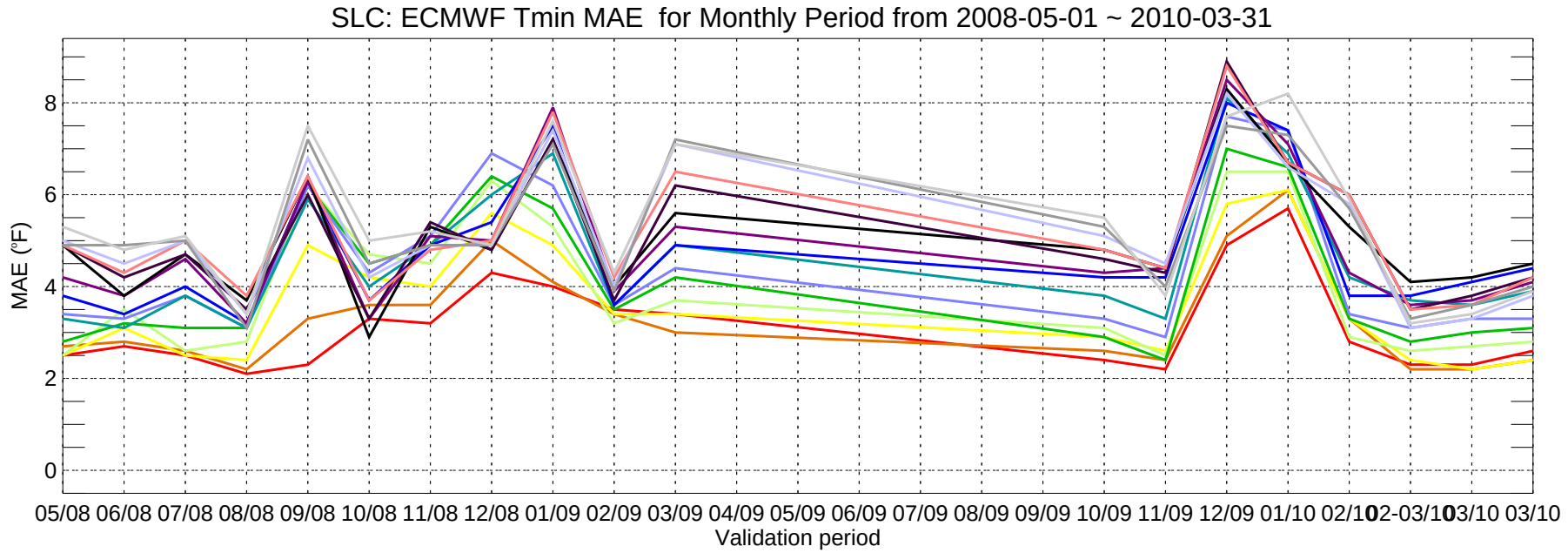

SJC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SJC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

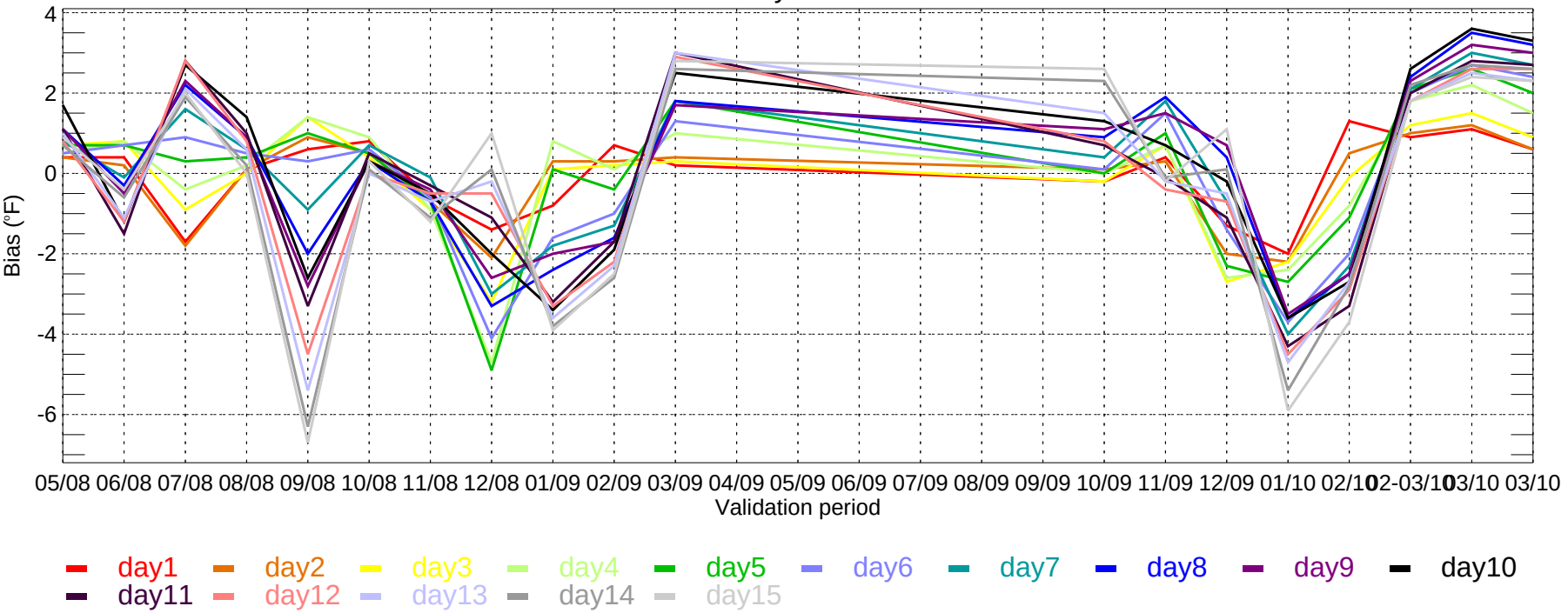

SJC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
1
2
3
4
5
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SJC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-3
-2
-1
0
1
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

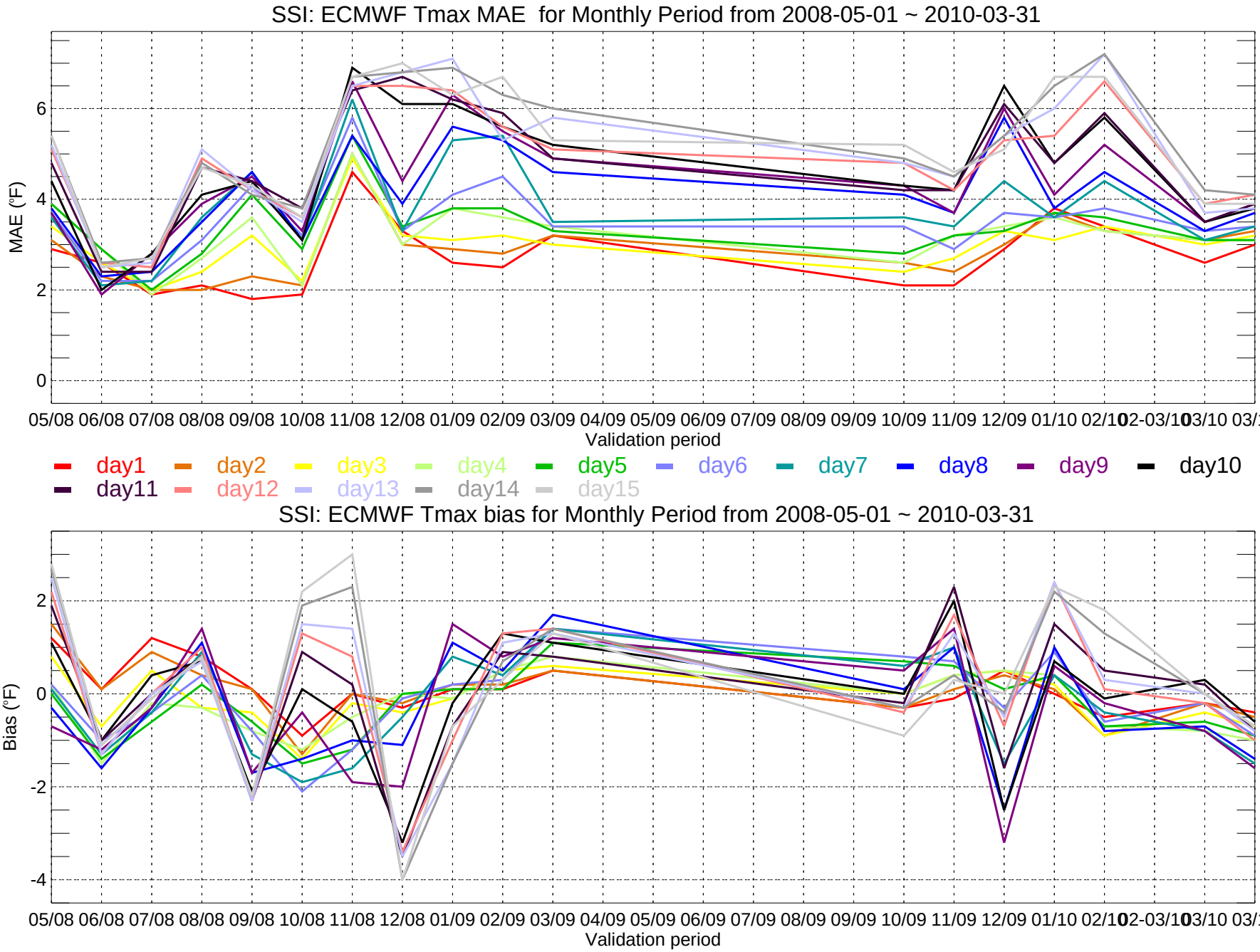

SJT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SJT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

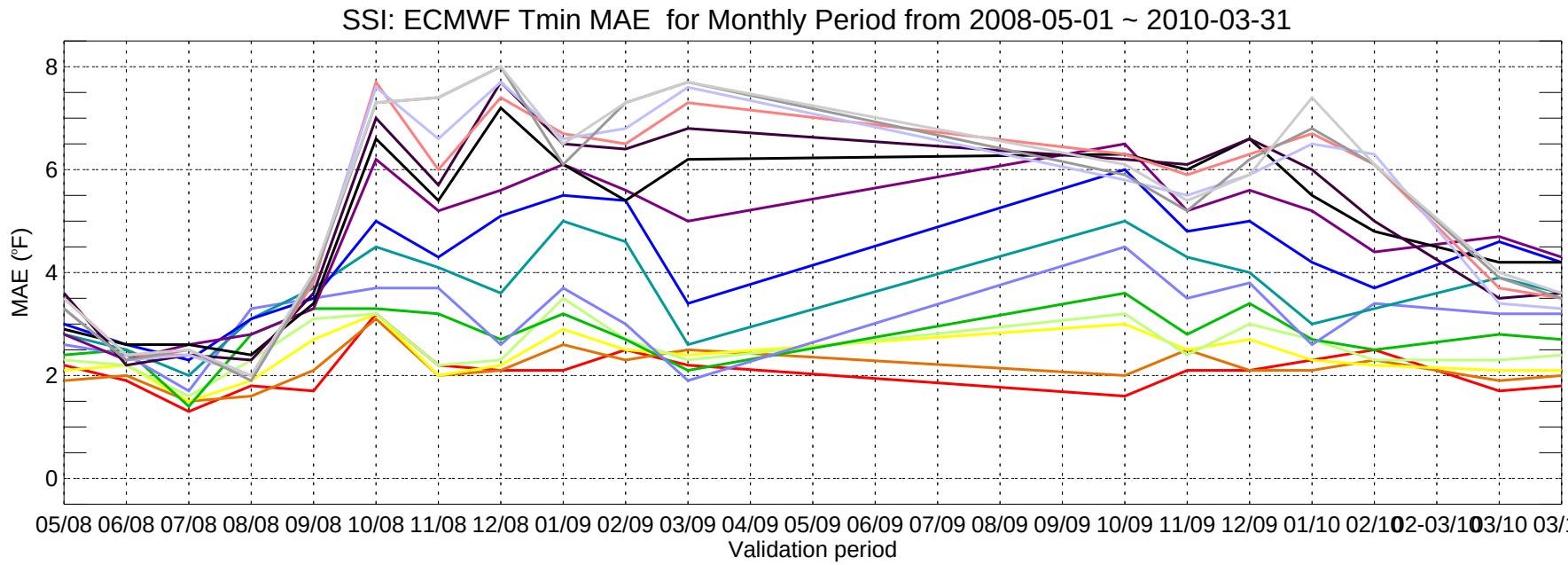

SJT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SJT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

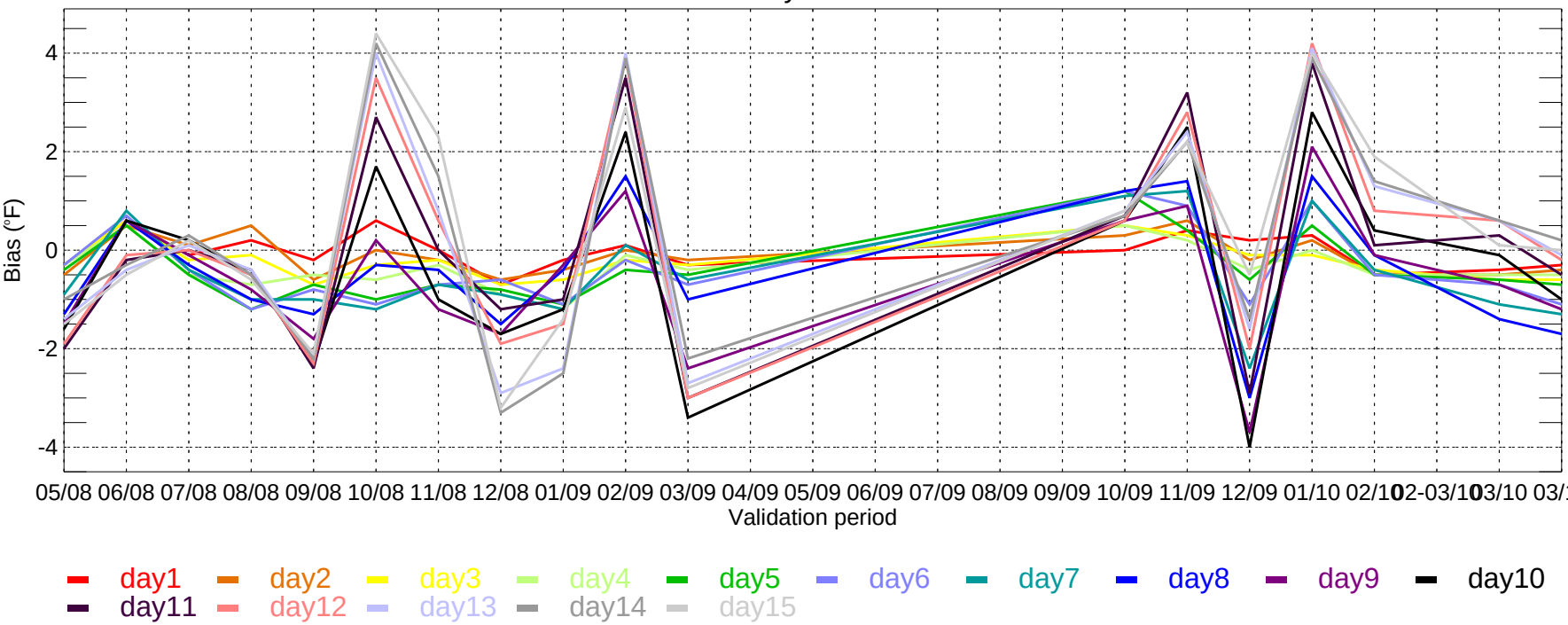

SLC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SLC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

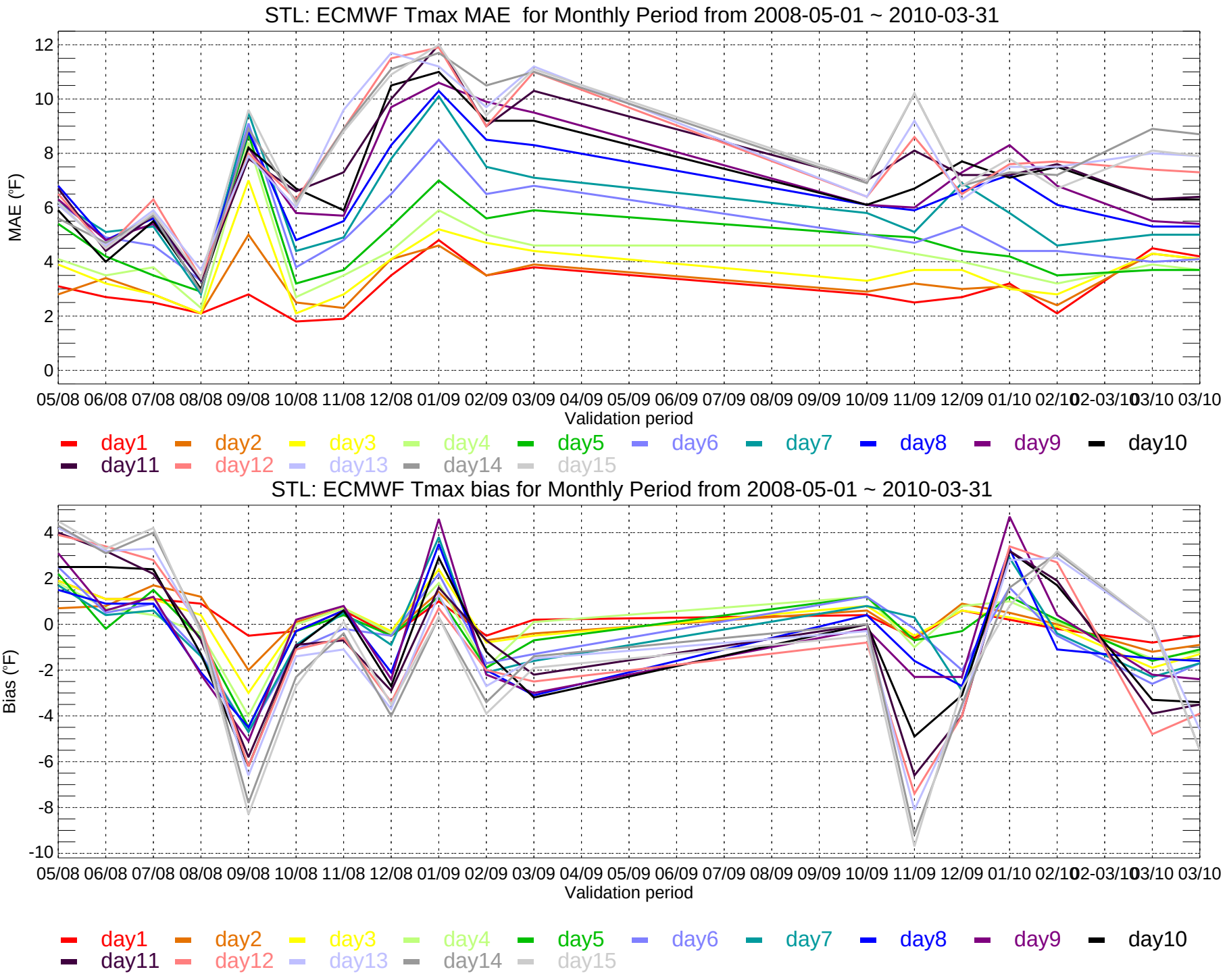

SLC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

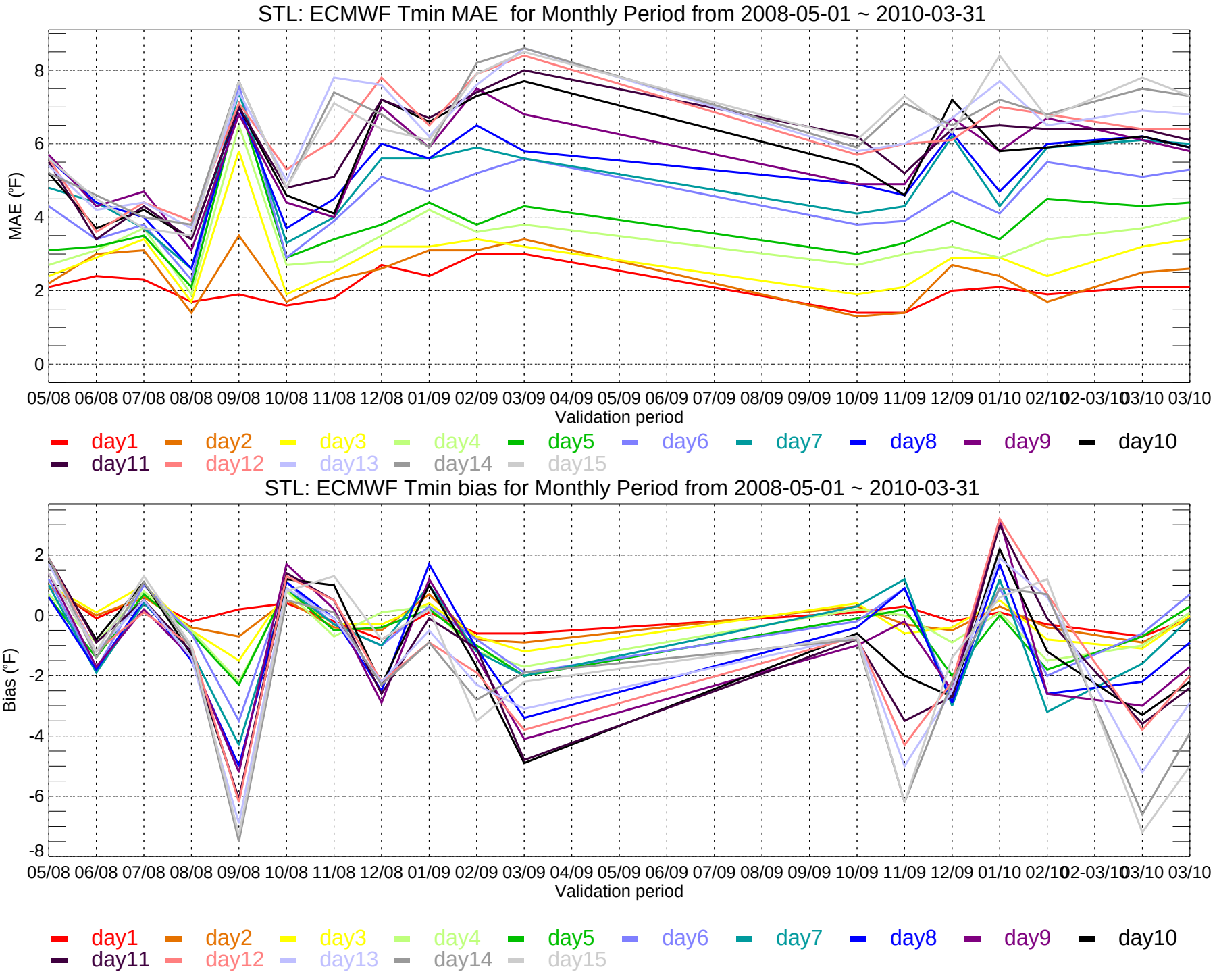

SLC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

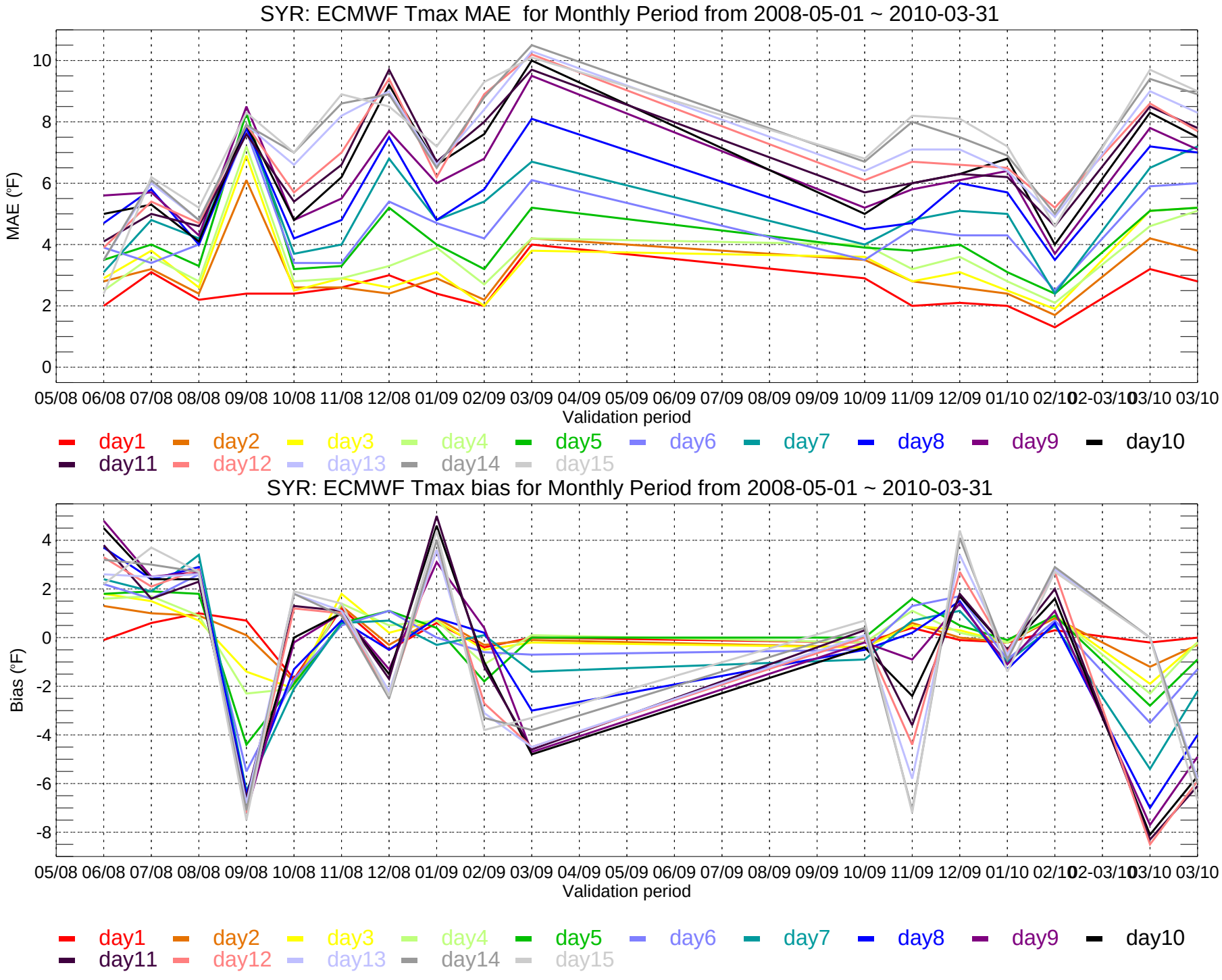

SSI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SSI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

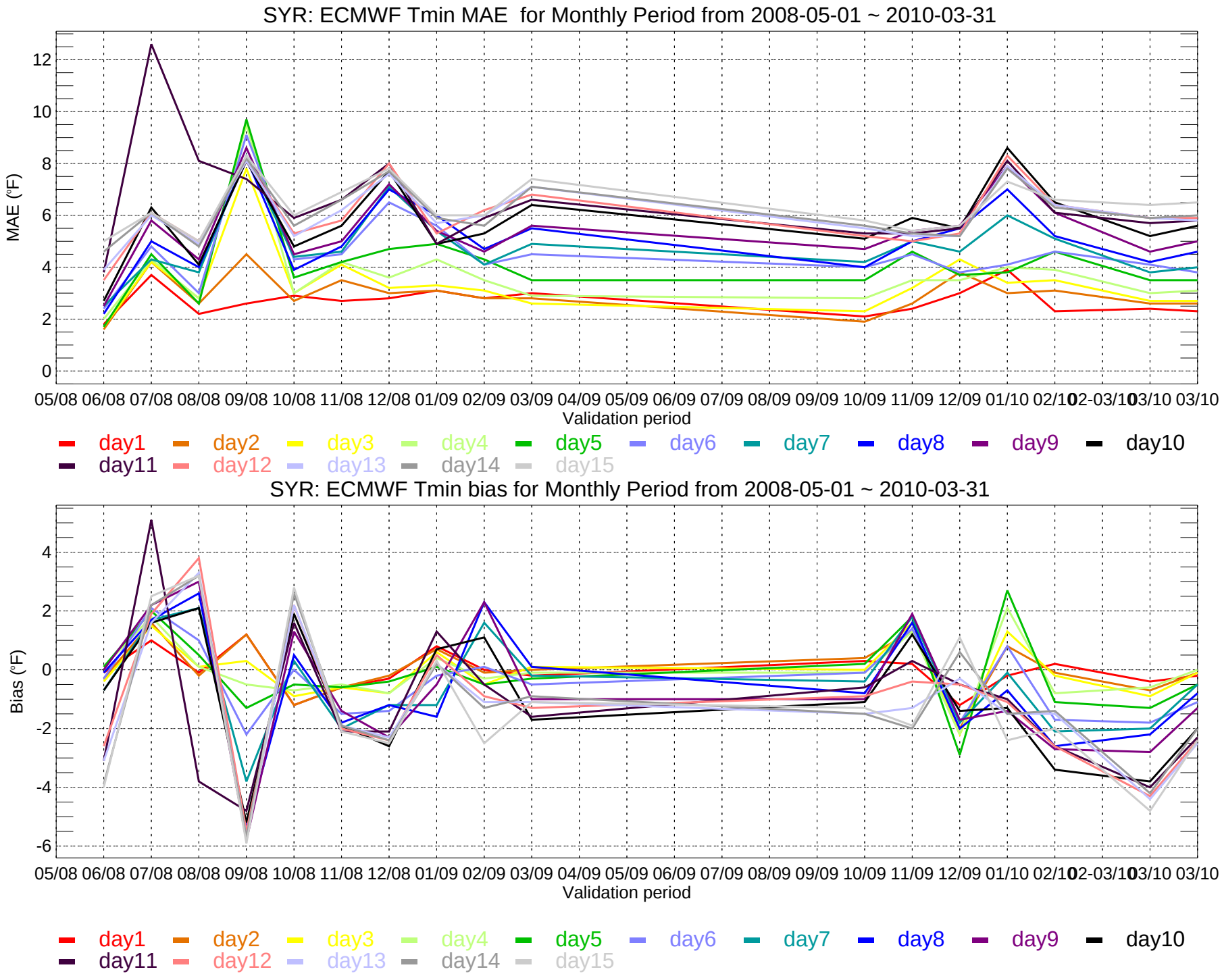

SSI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

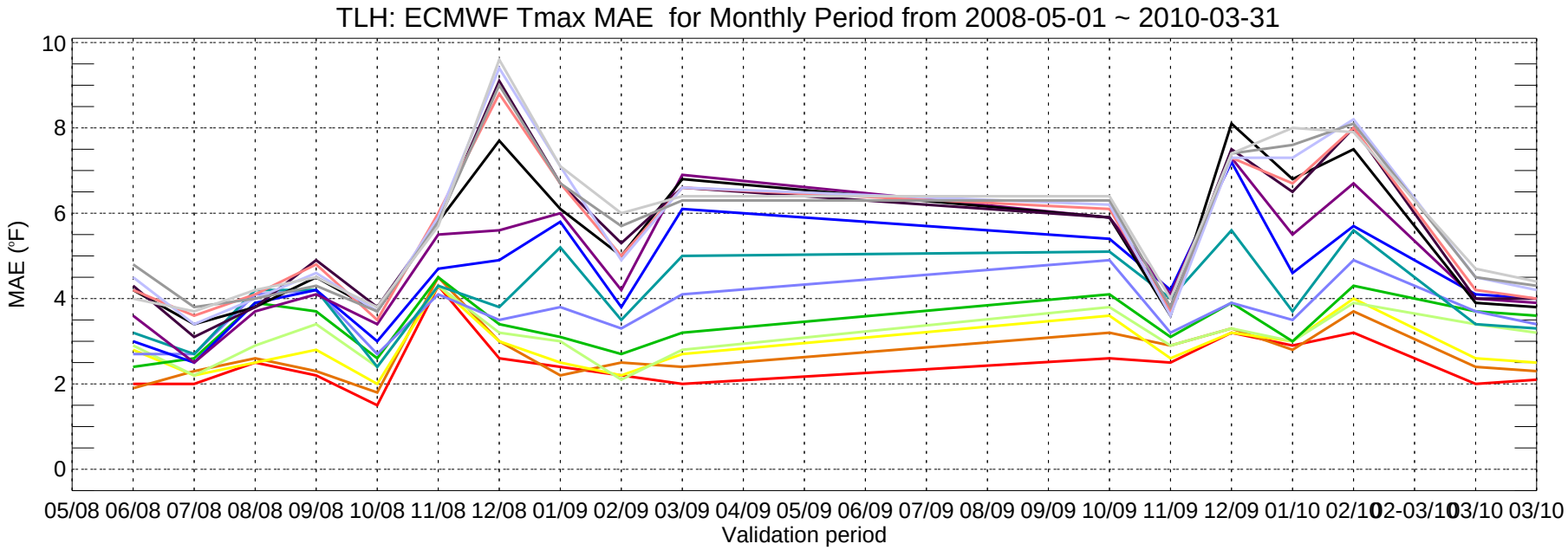

SSI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

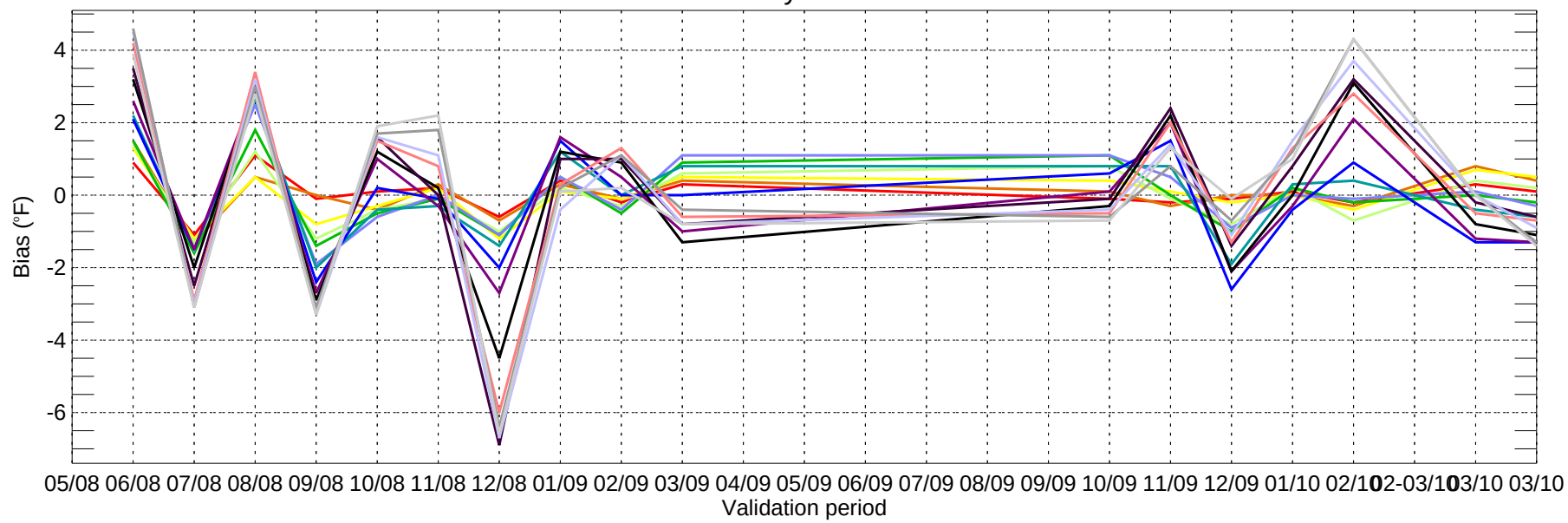

STL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
STL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

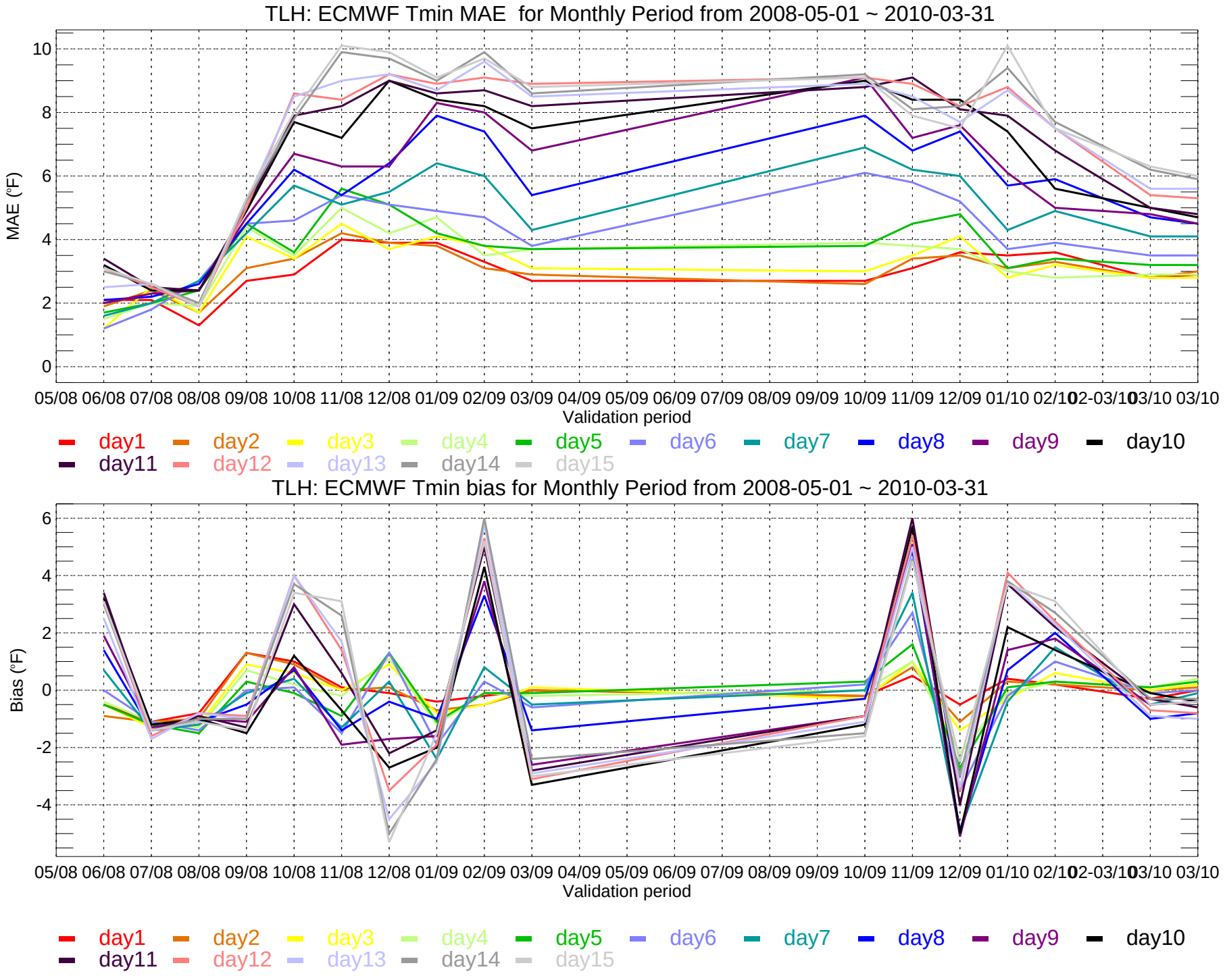

STL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
STL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

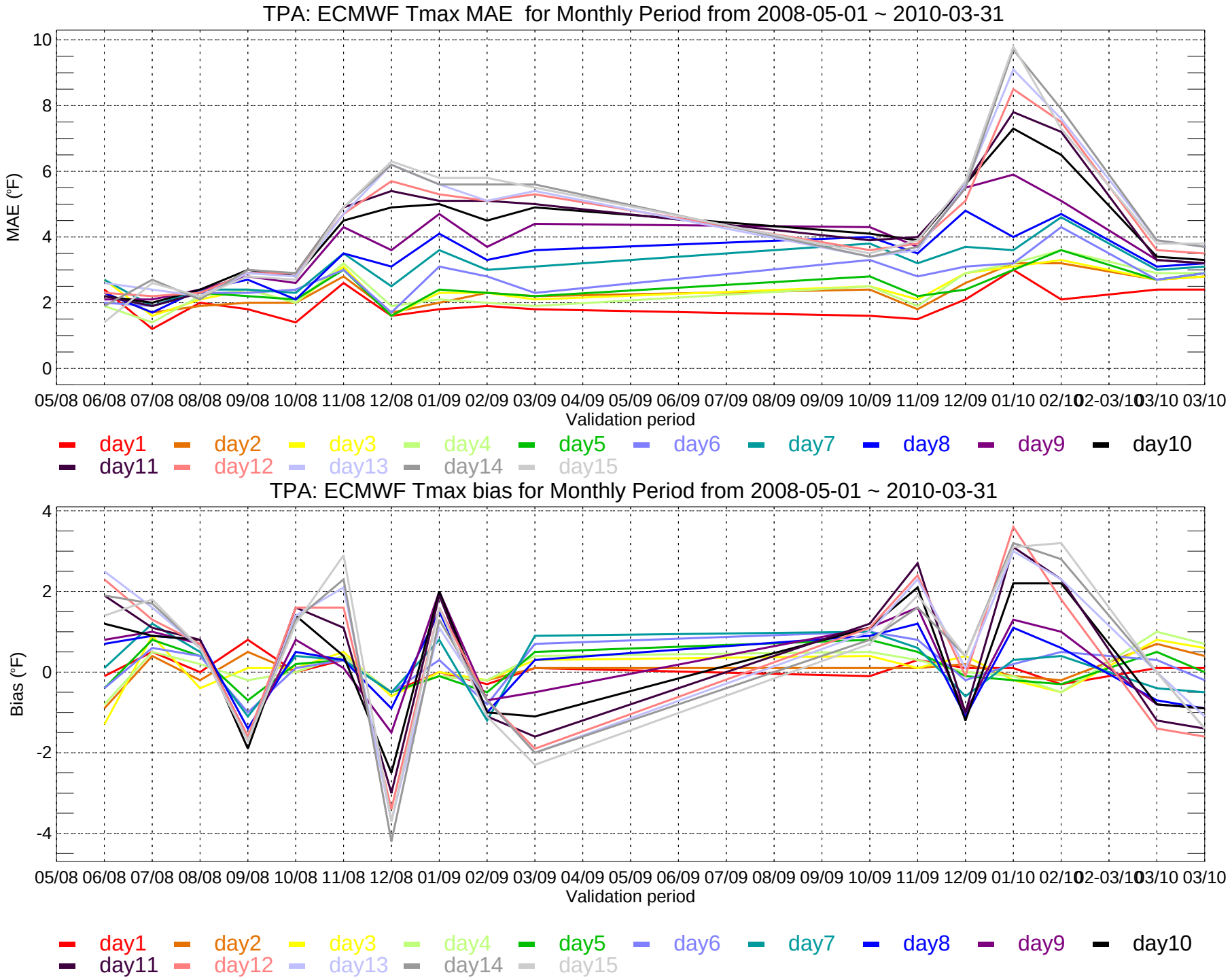

SYR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SYR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

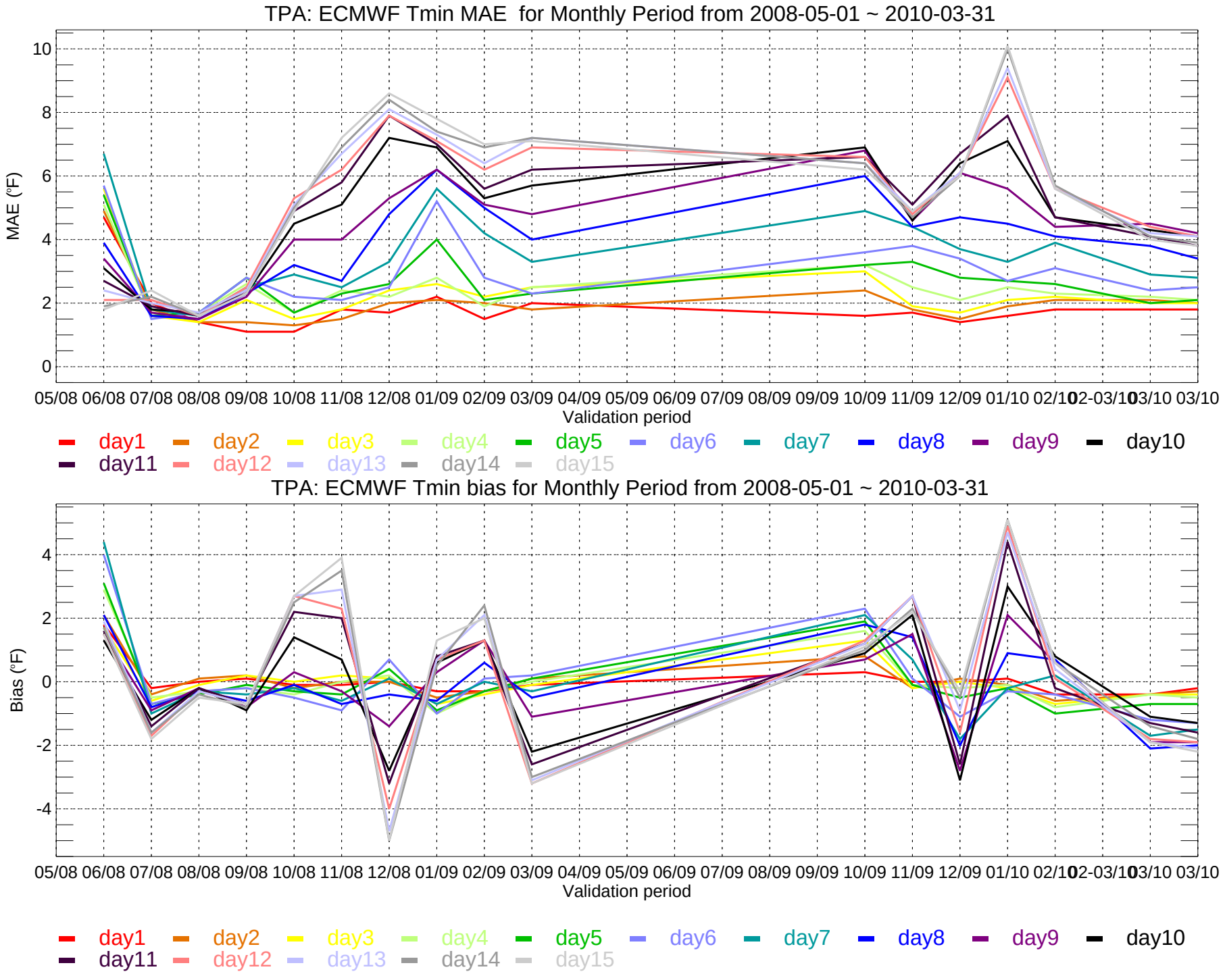

SYR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
SYR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

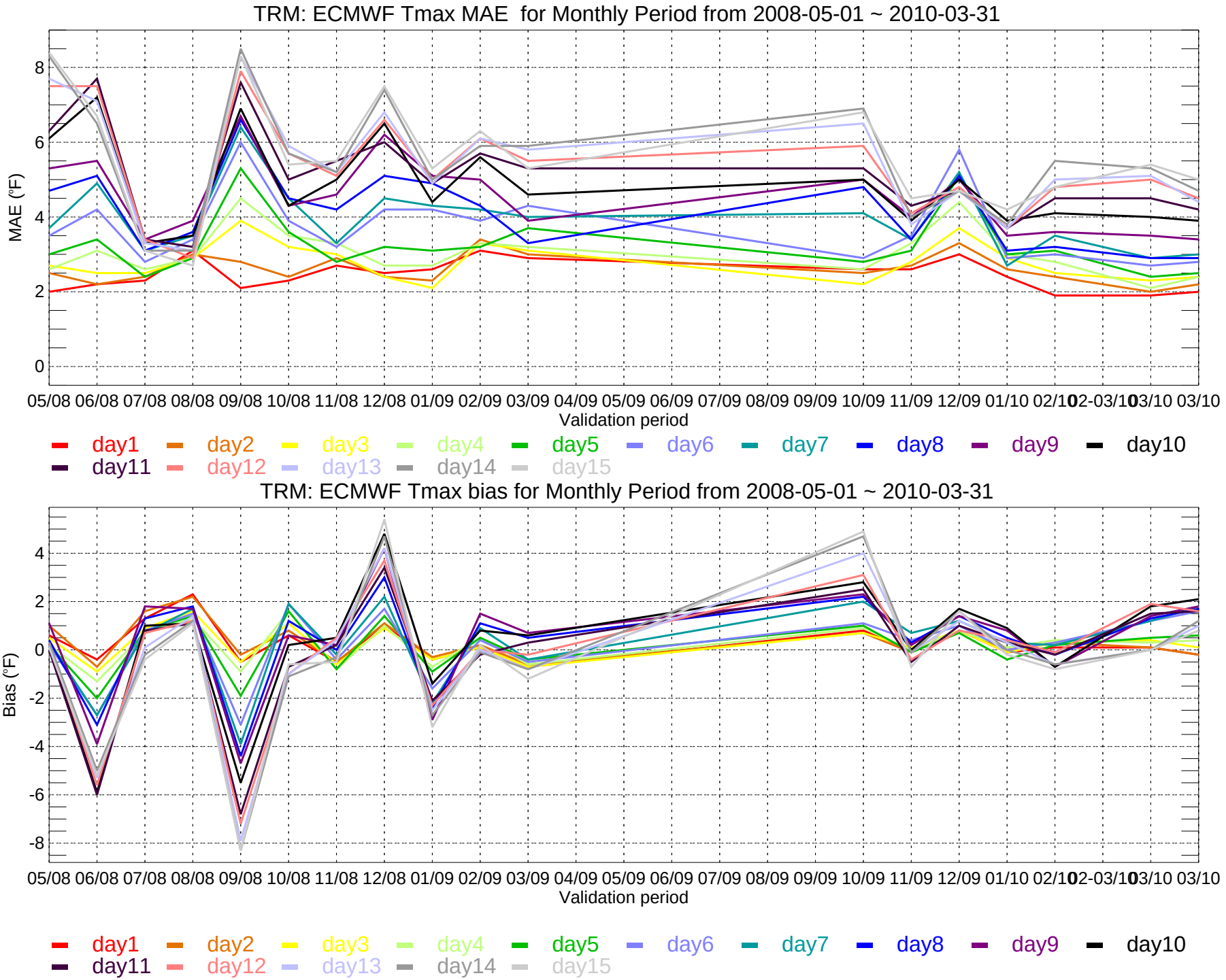

TLH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

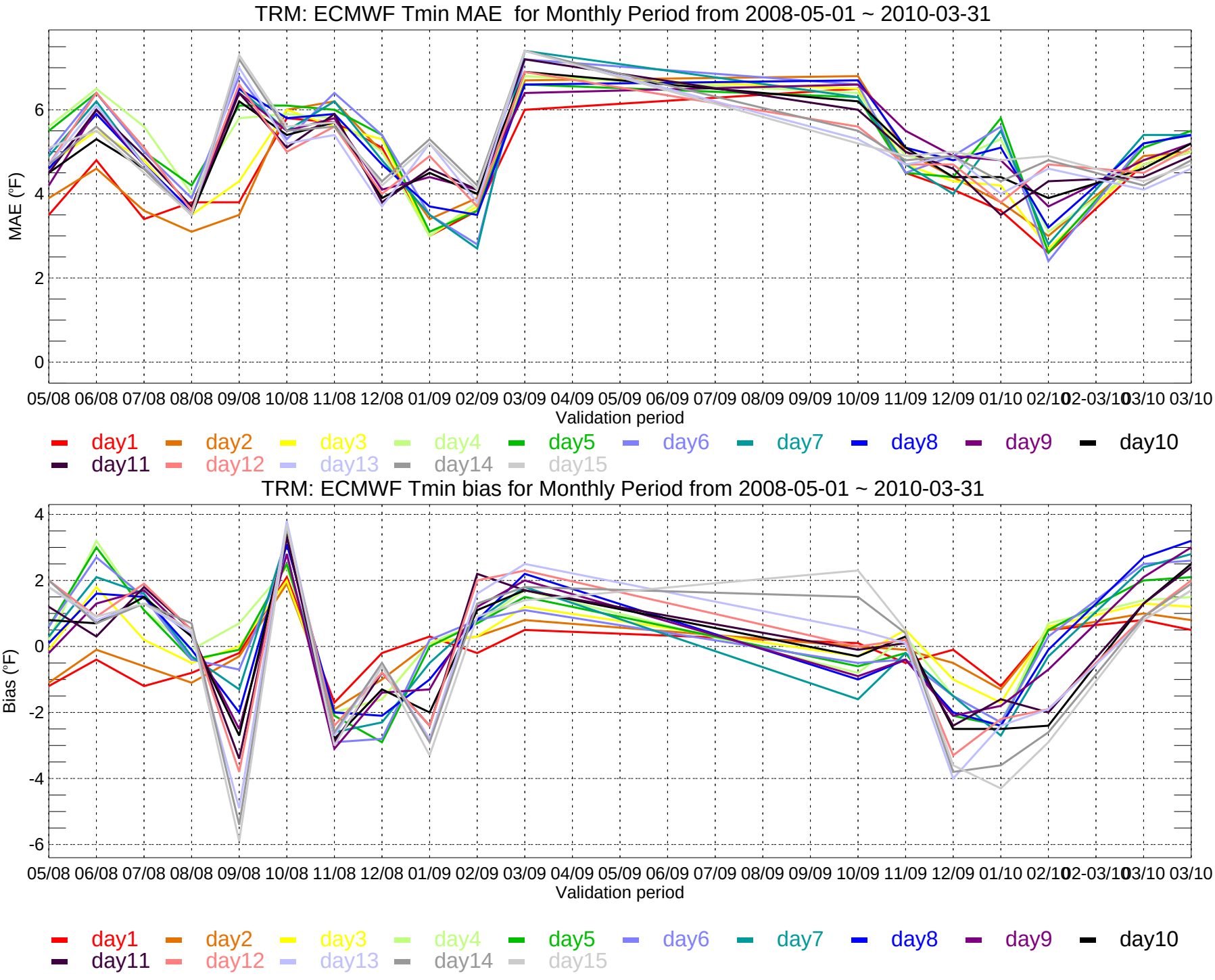

TLH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

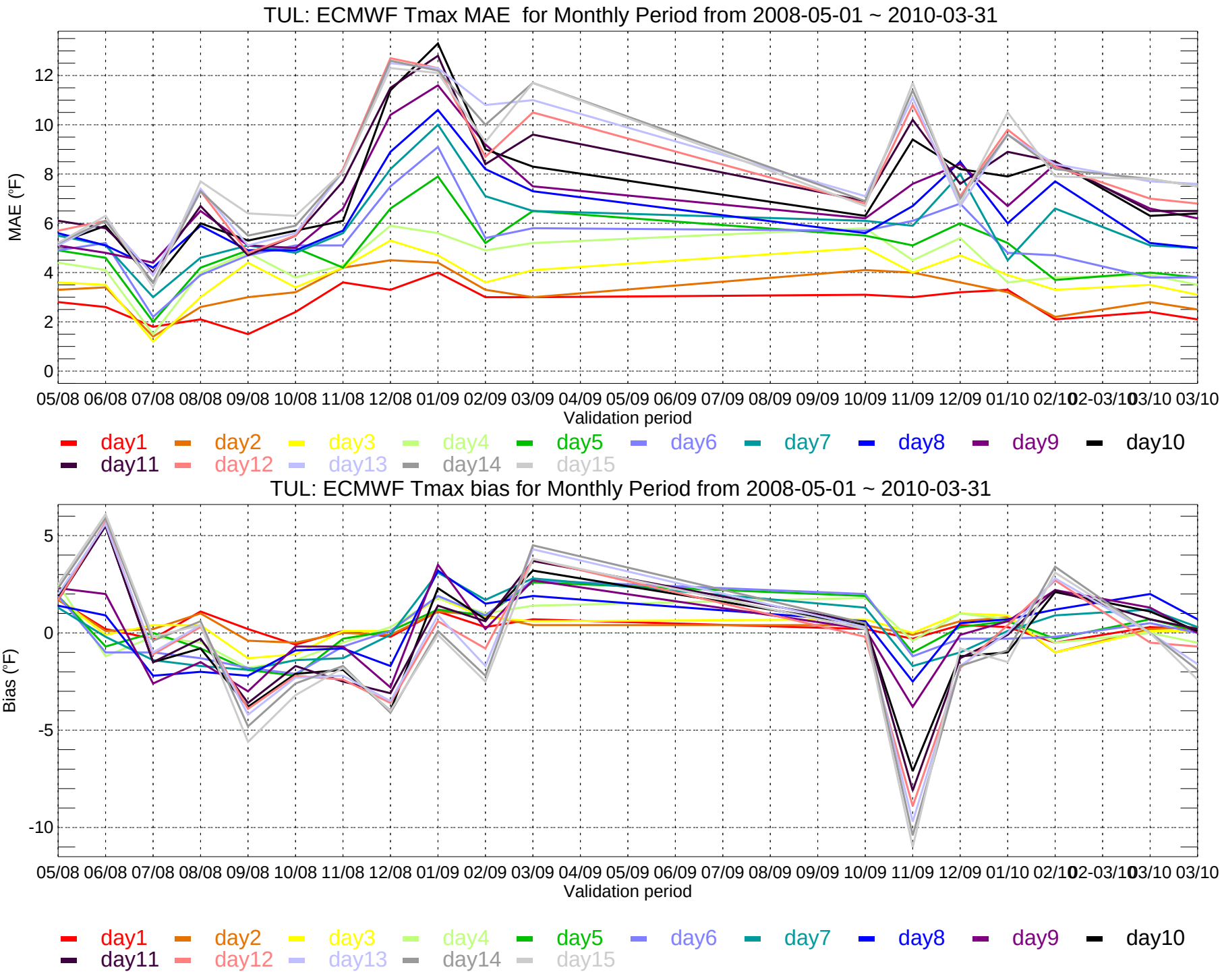

TLH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
TLH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

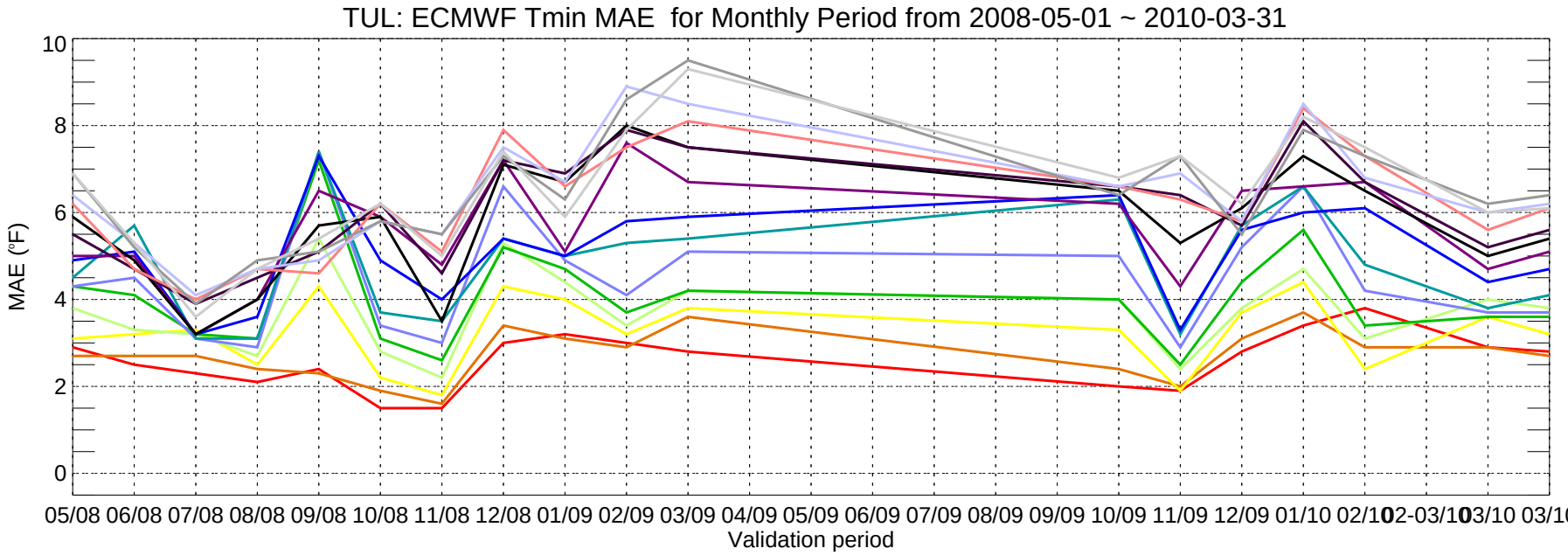

TPA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
TPA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

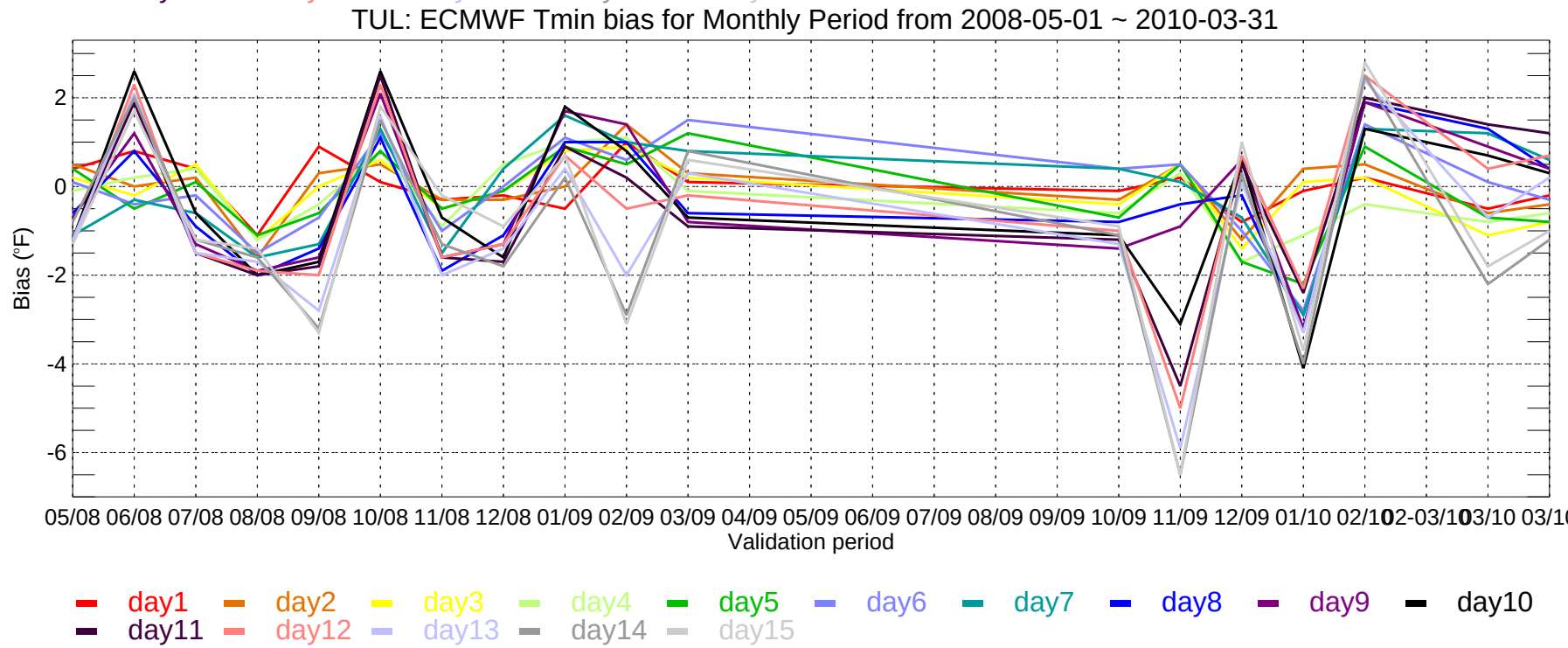

TPA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
TPA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

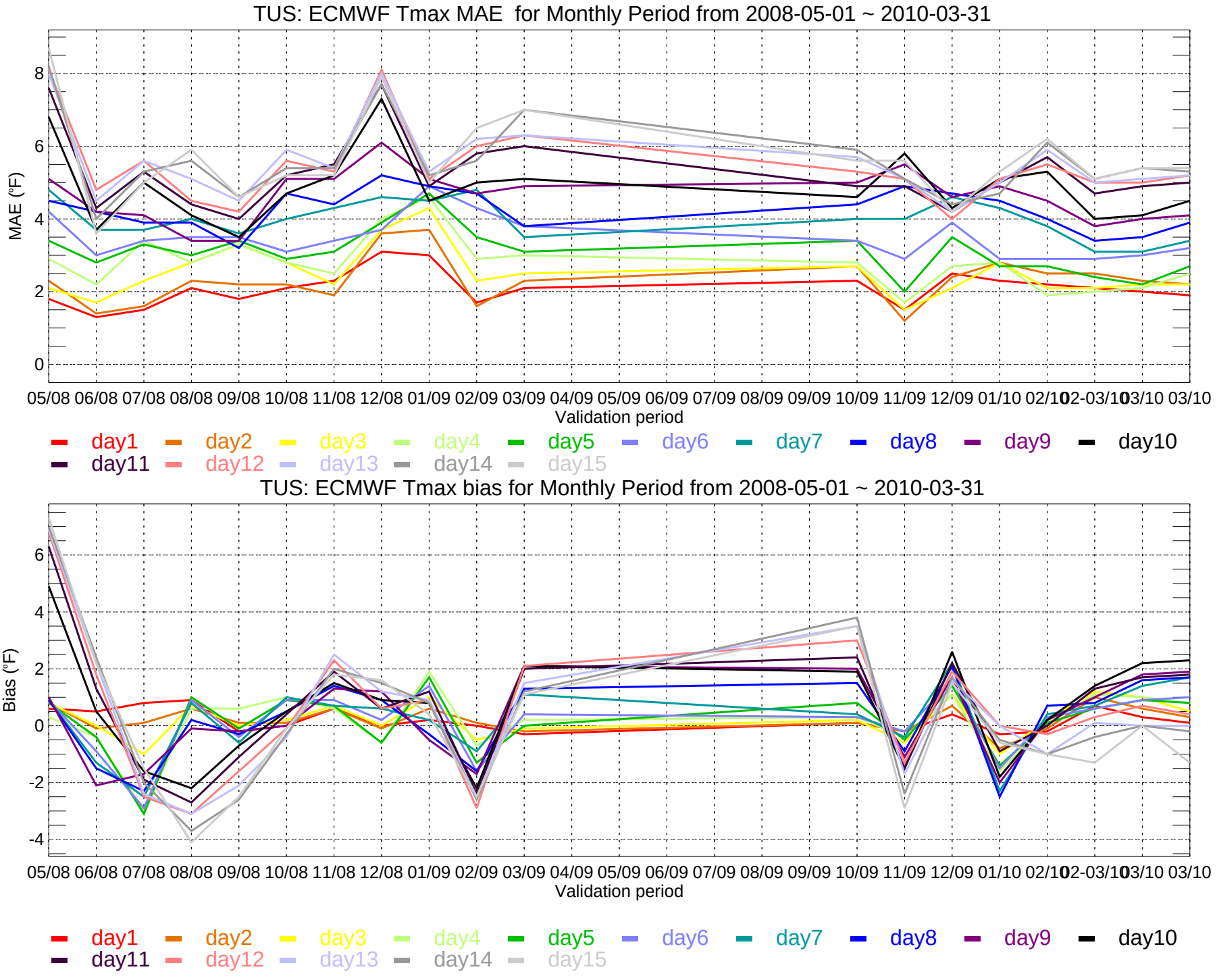

TRM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
TRM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

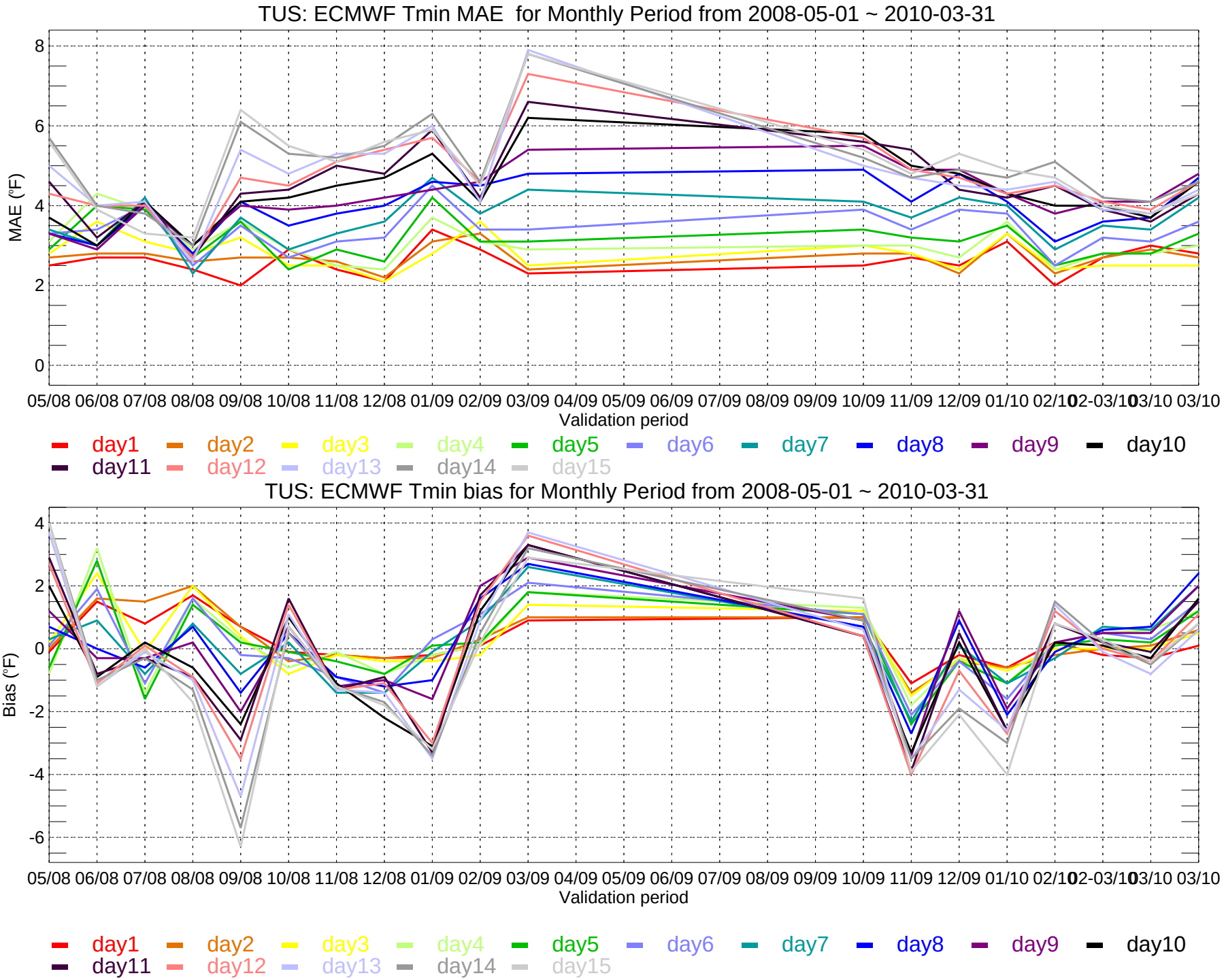

TRM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
TRM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

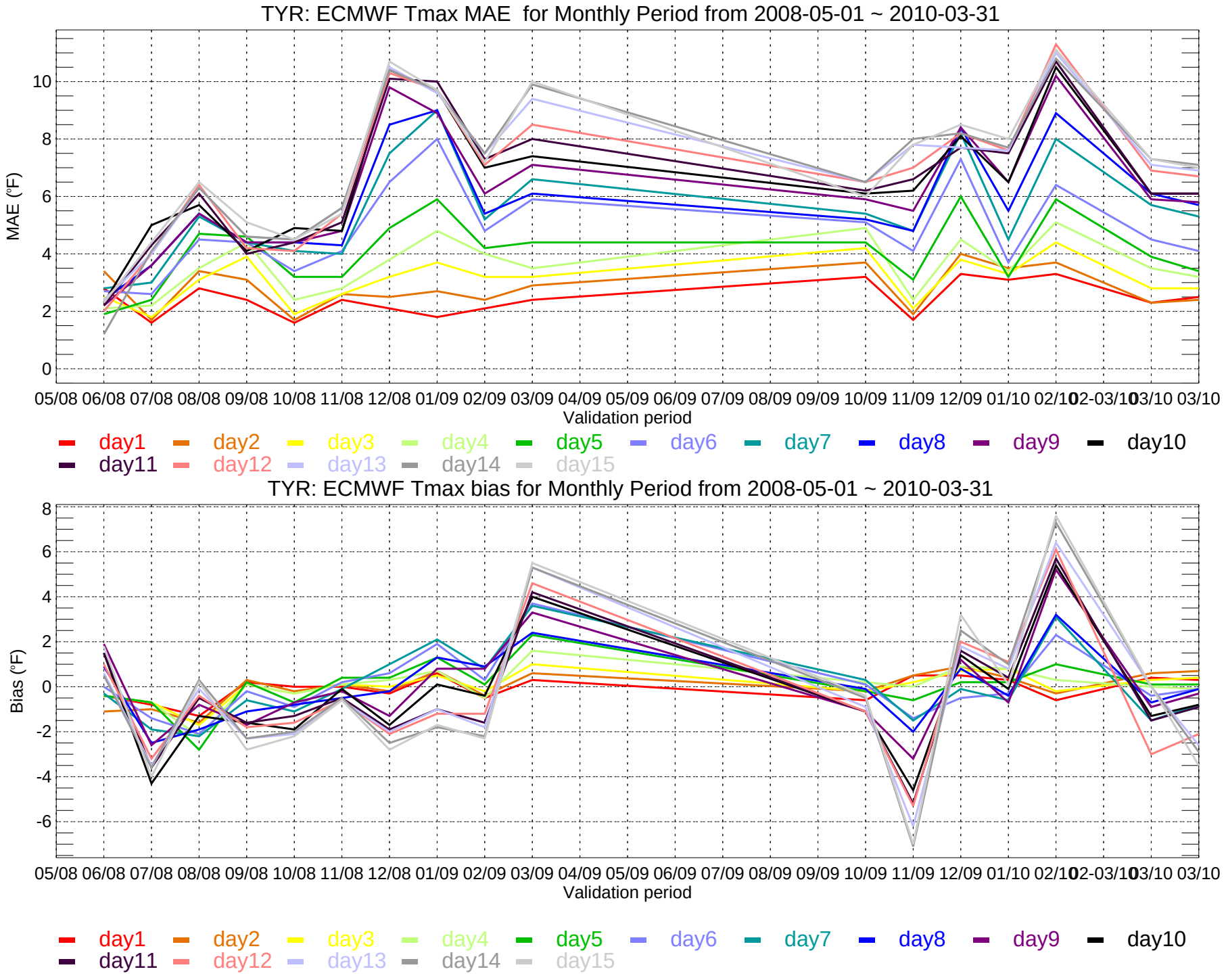

TUL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
TUL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

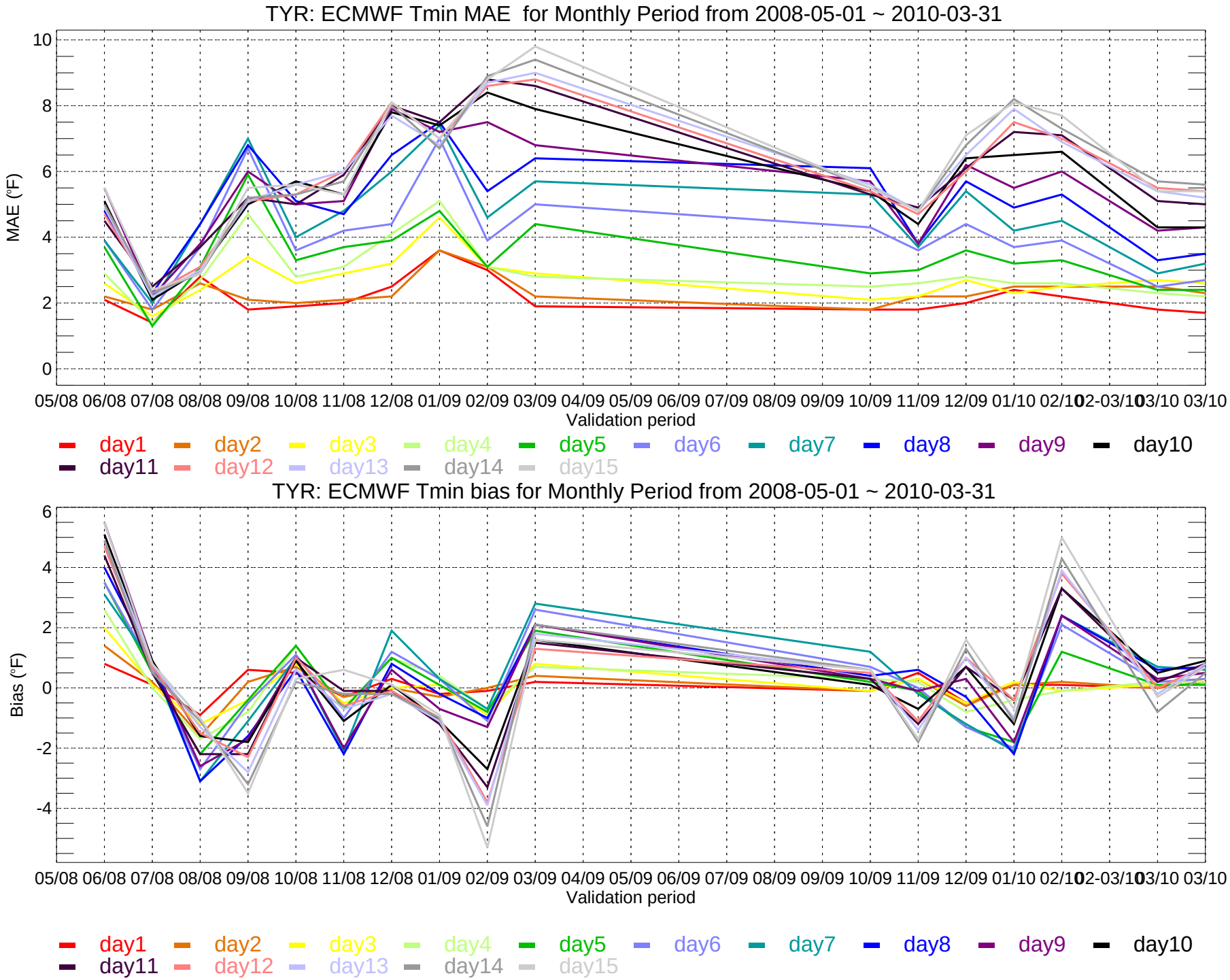

TUL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

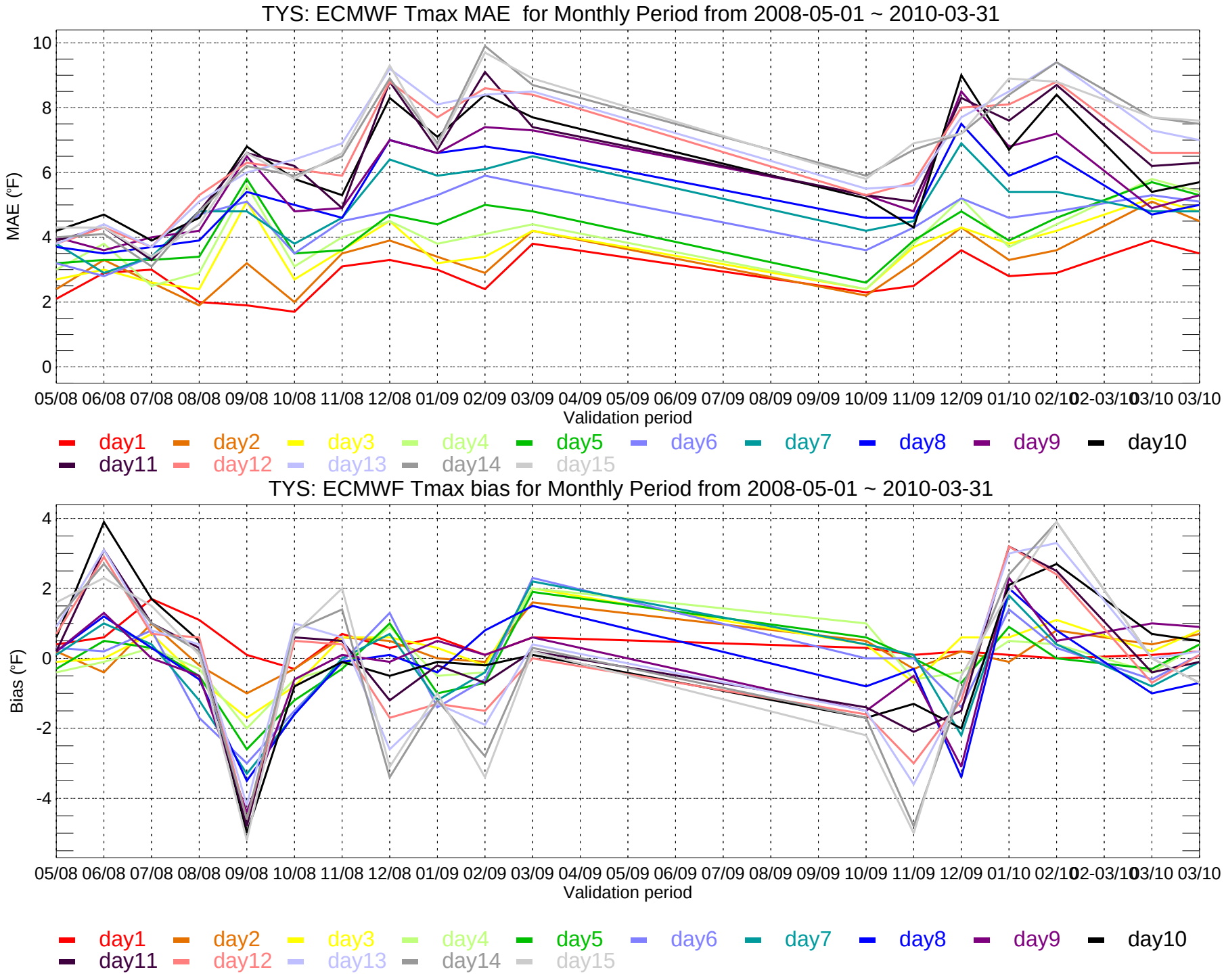

TUL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

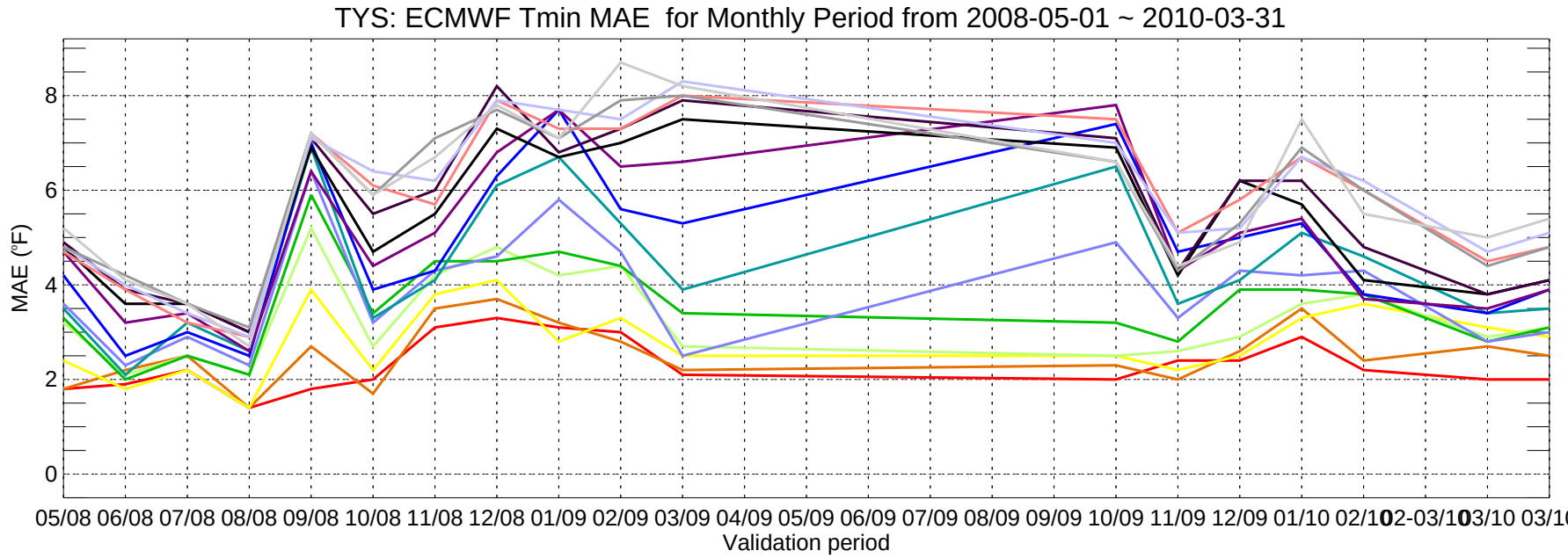

TUS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
TUS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

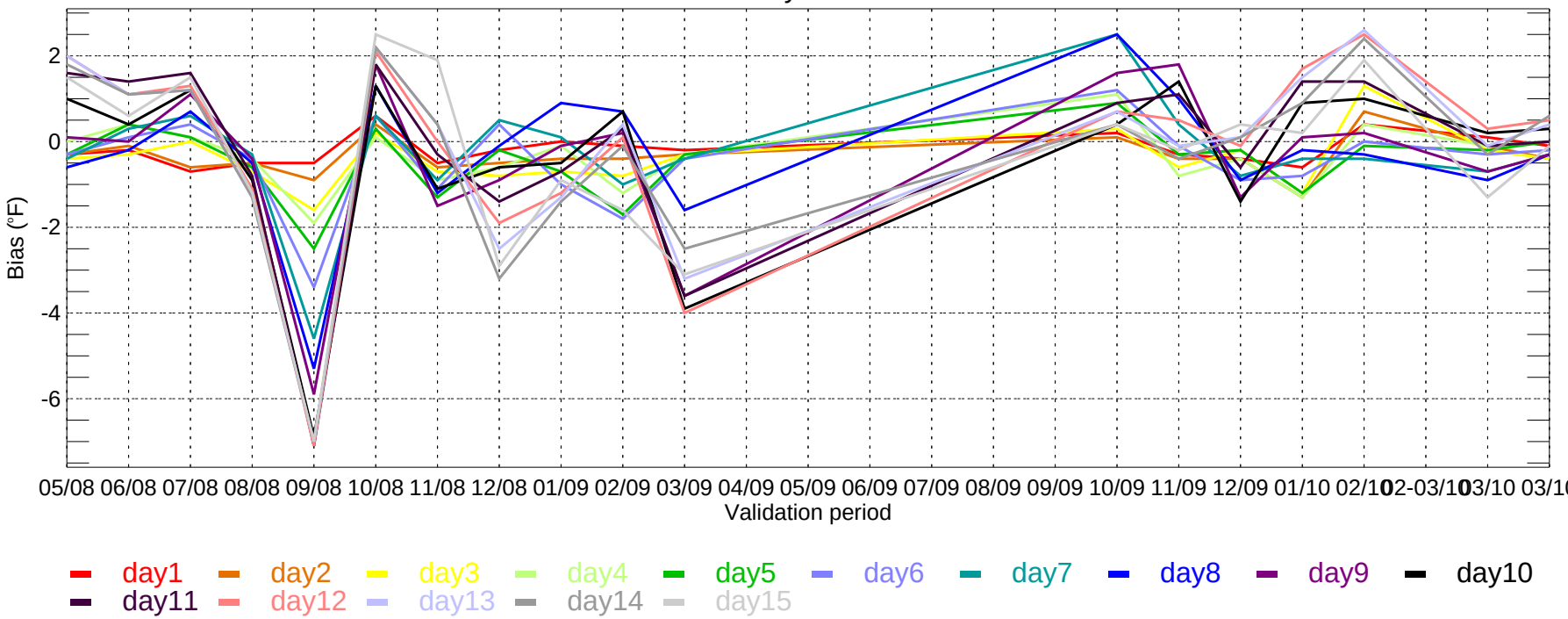

TUS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
TUS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

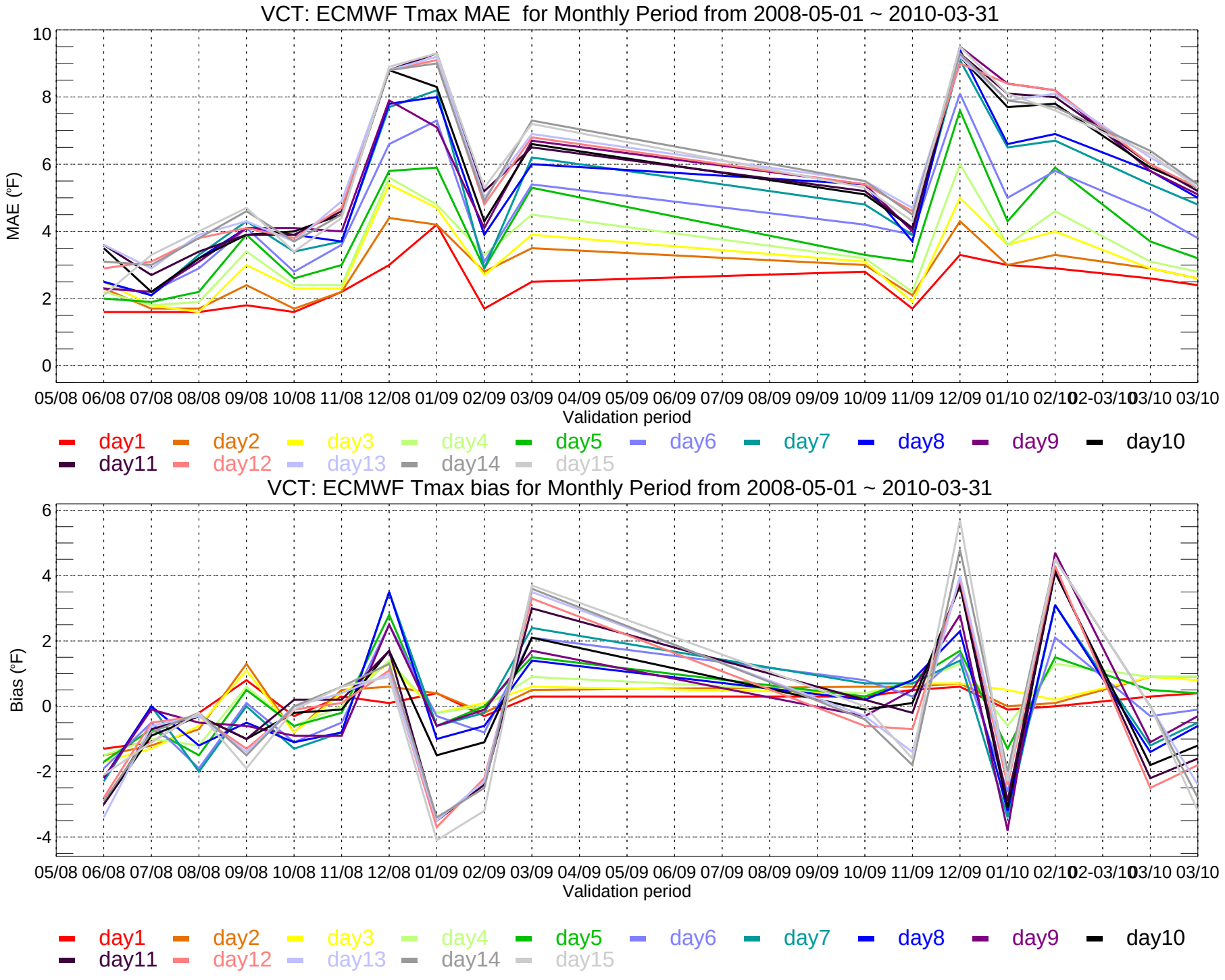

TYR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
TYR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

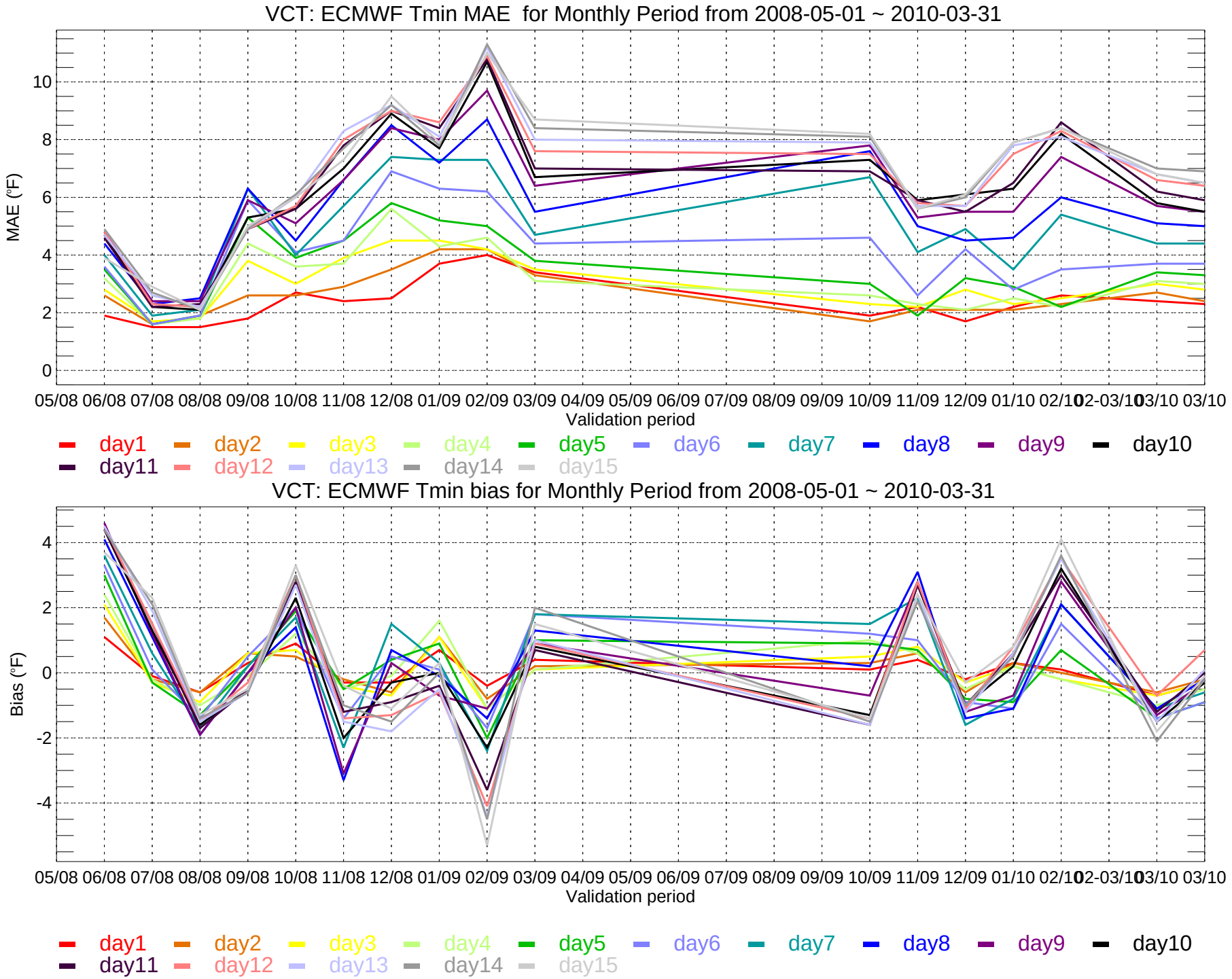

TYR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
TYR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

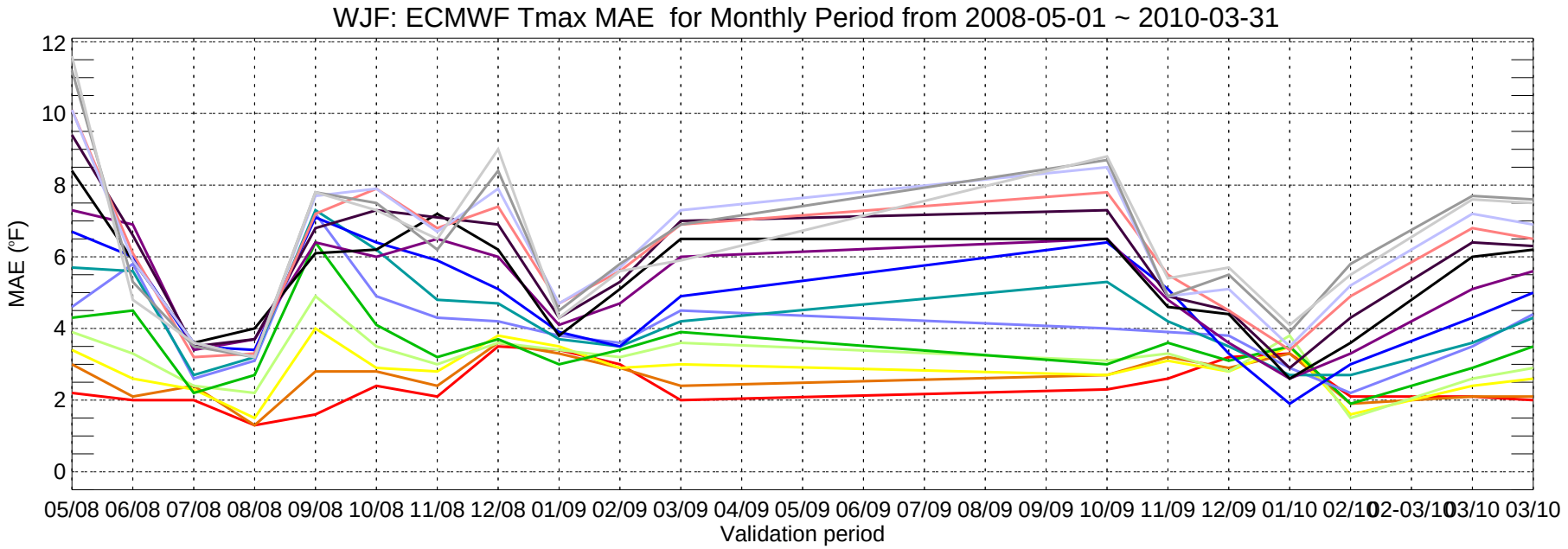

TYS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
TYS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

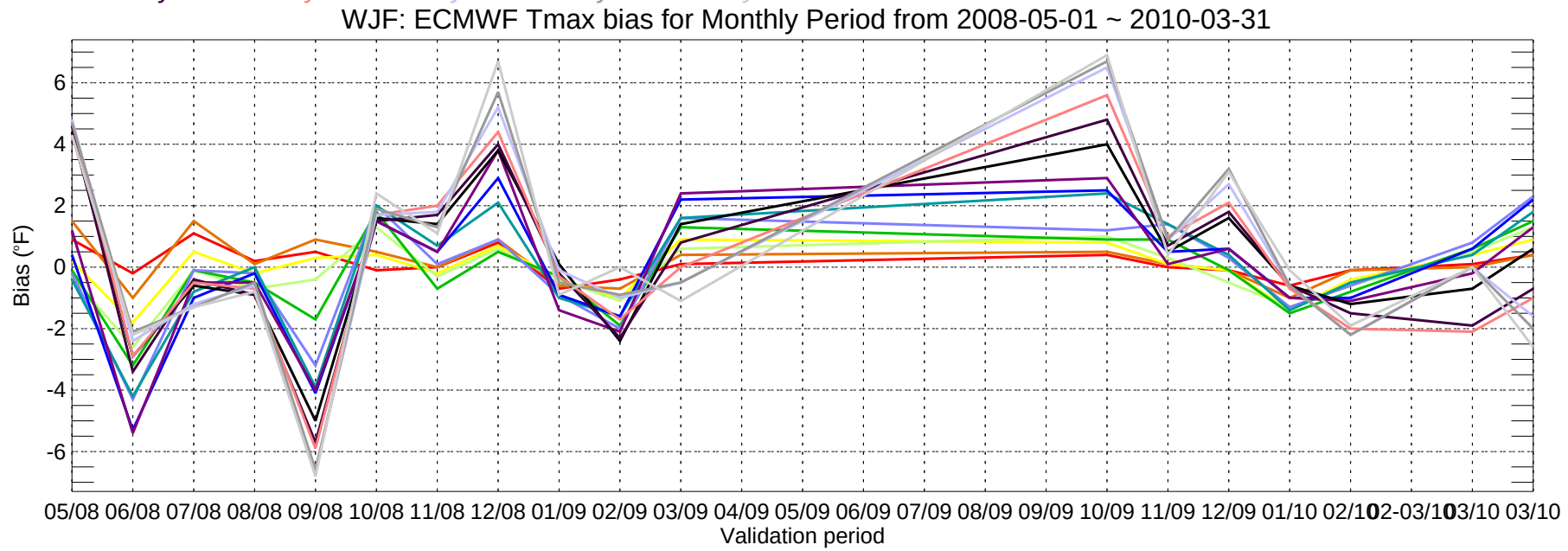

TYS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

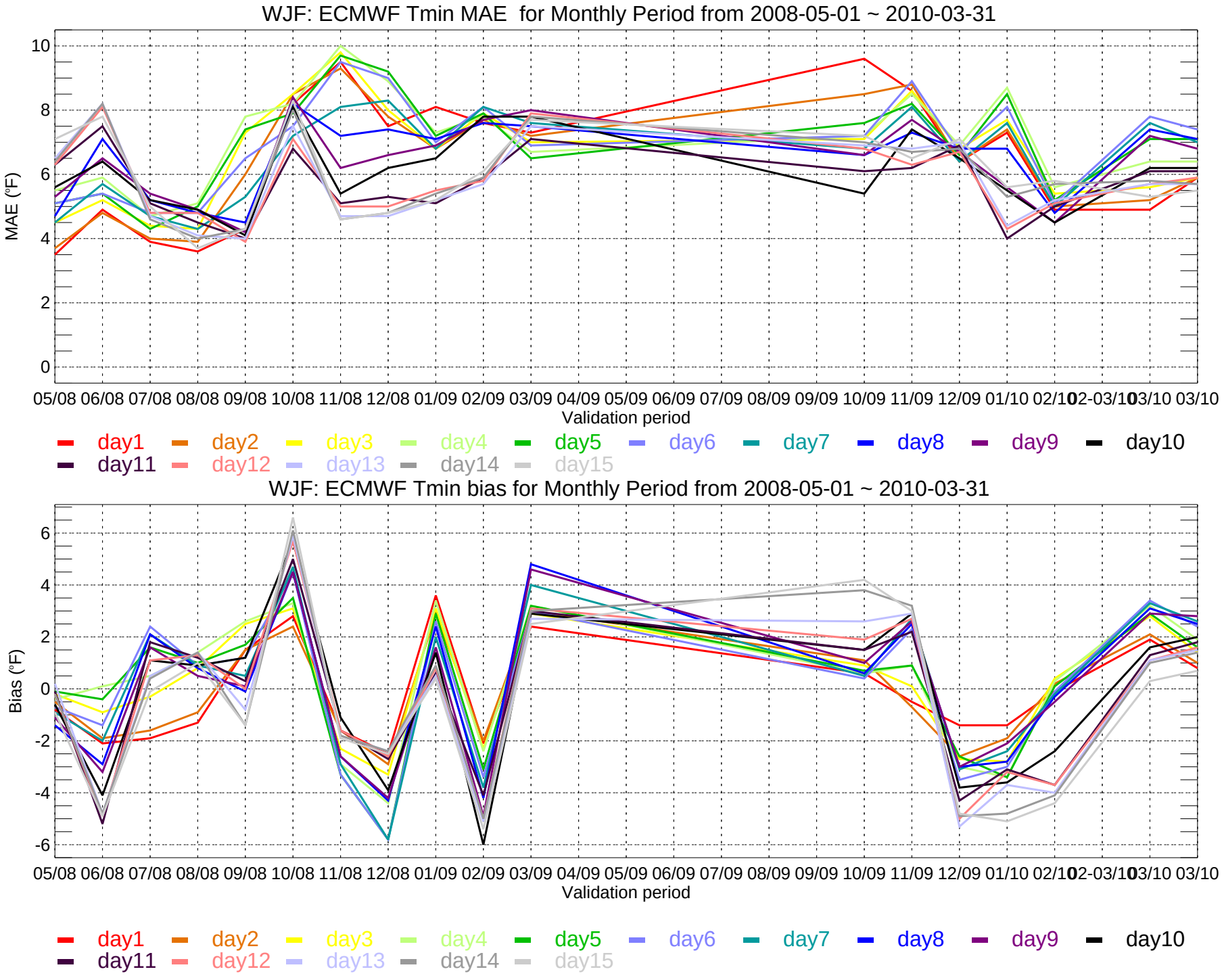

TYS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

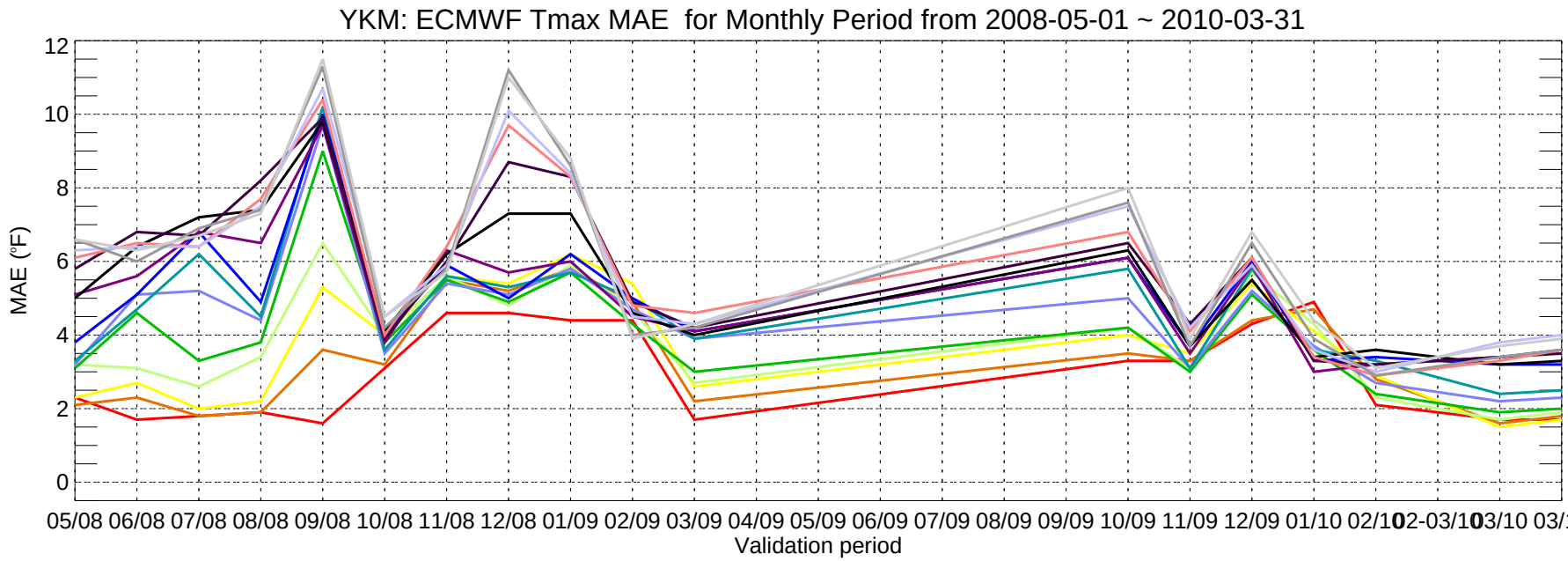

VCT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
VCT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

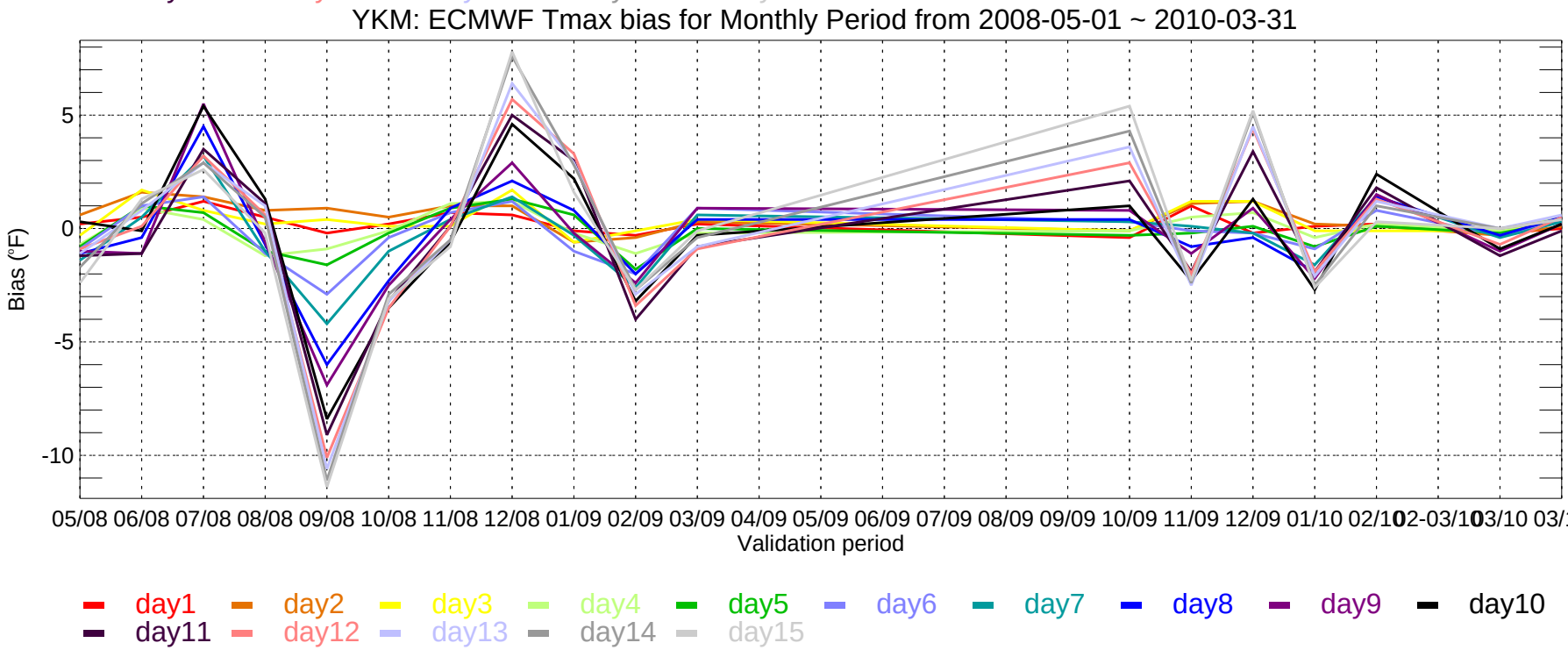

VCT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
VCT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

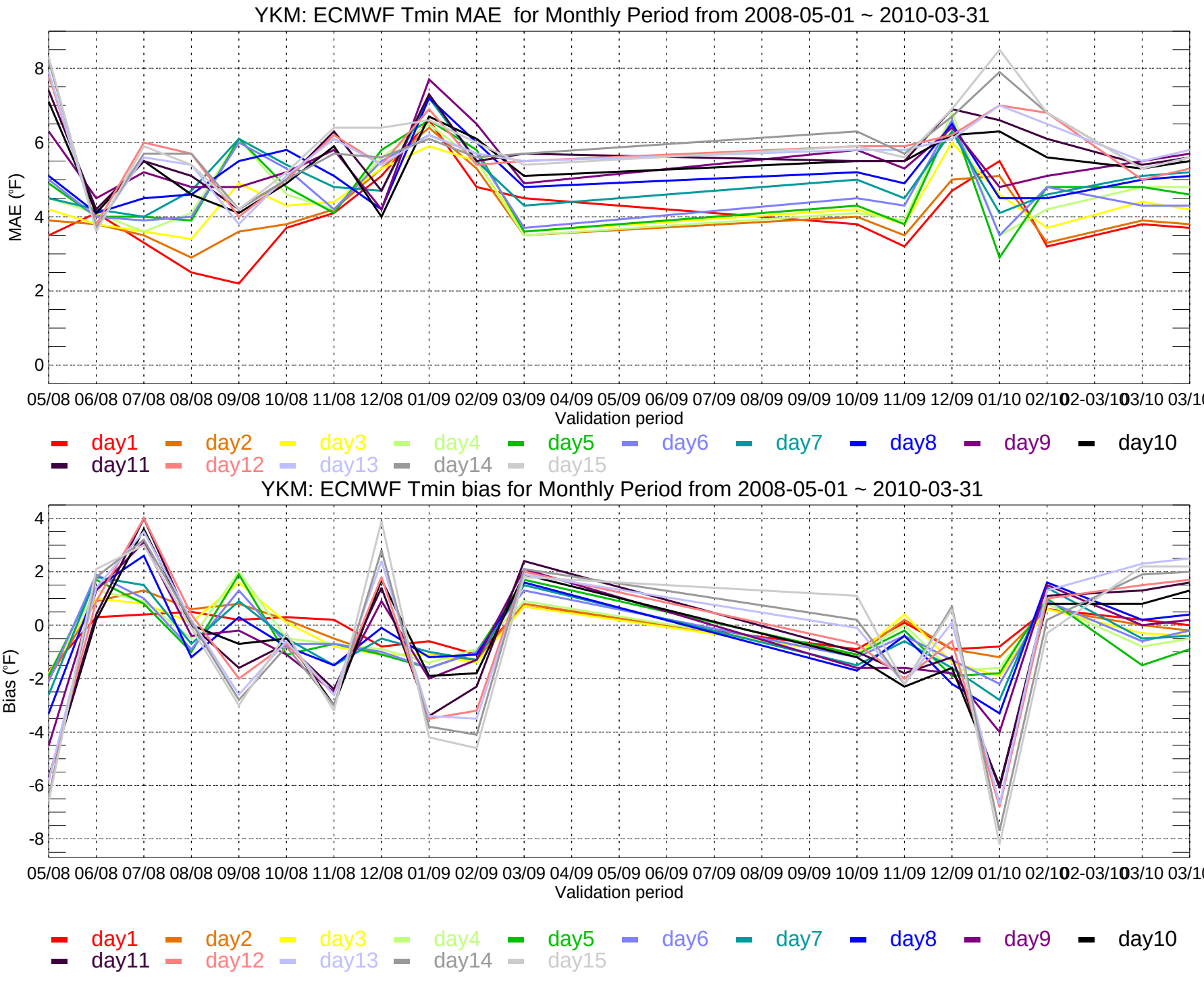

WJF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

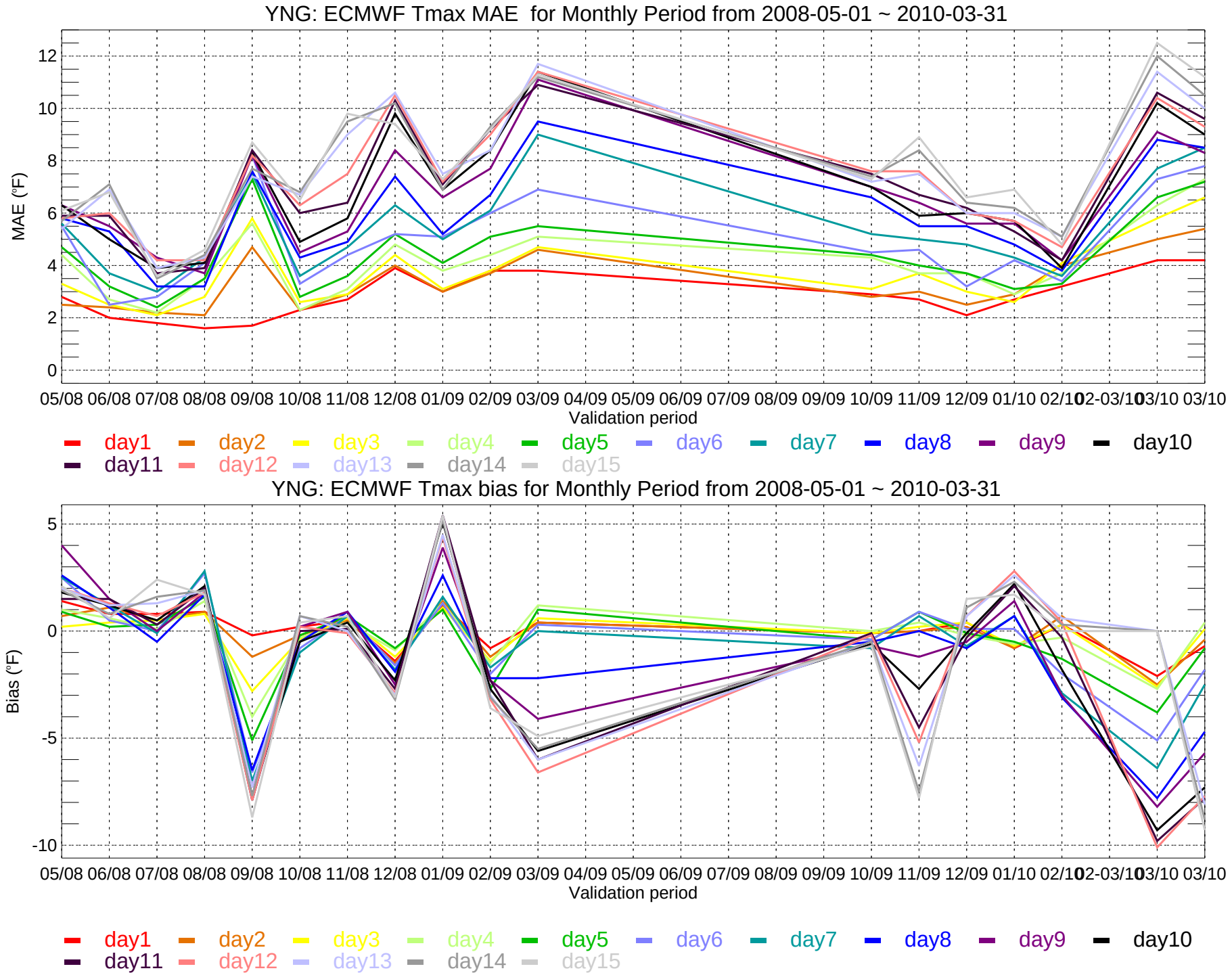

WJF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

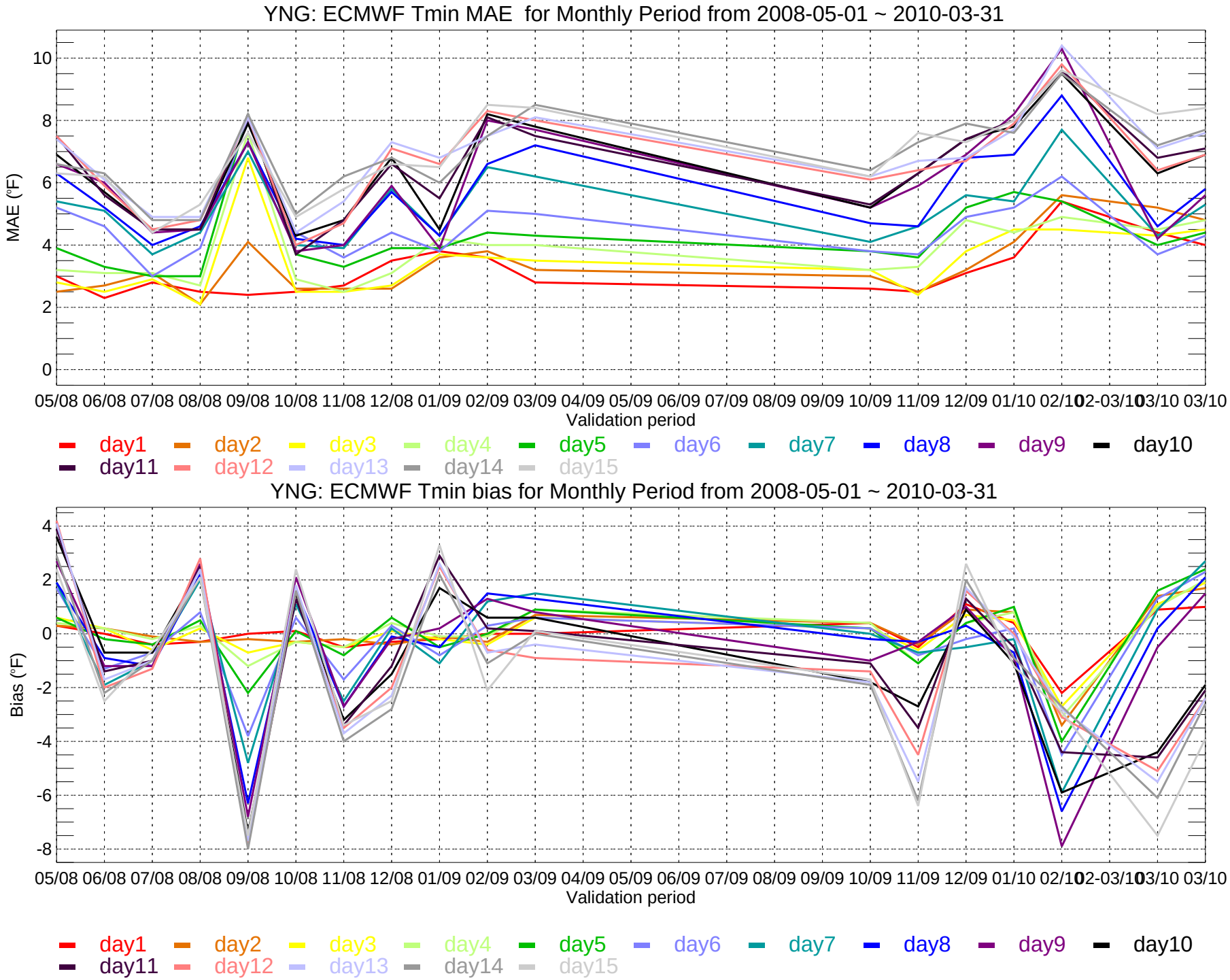

WJF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
WJF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

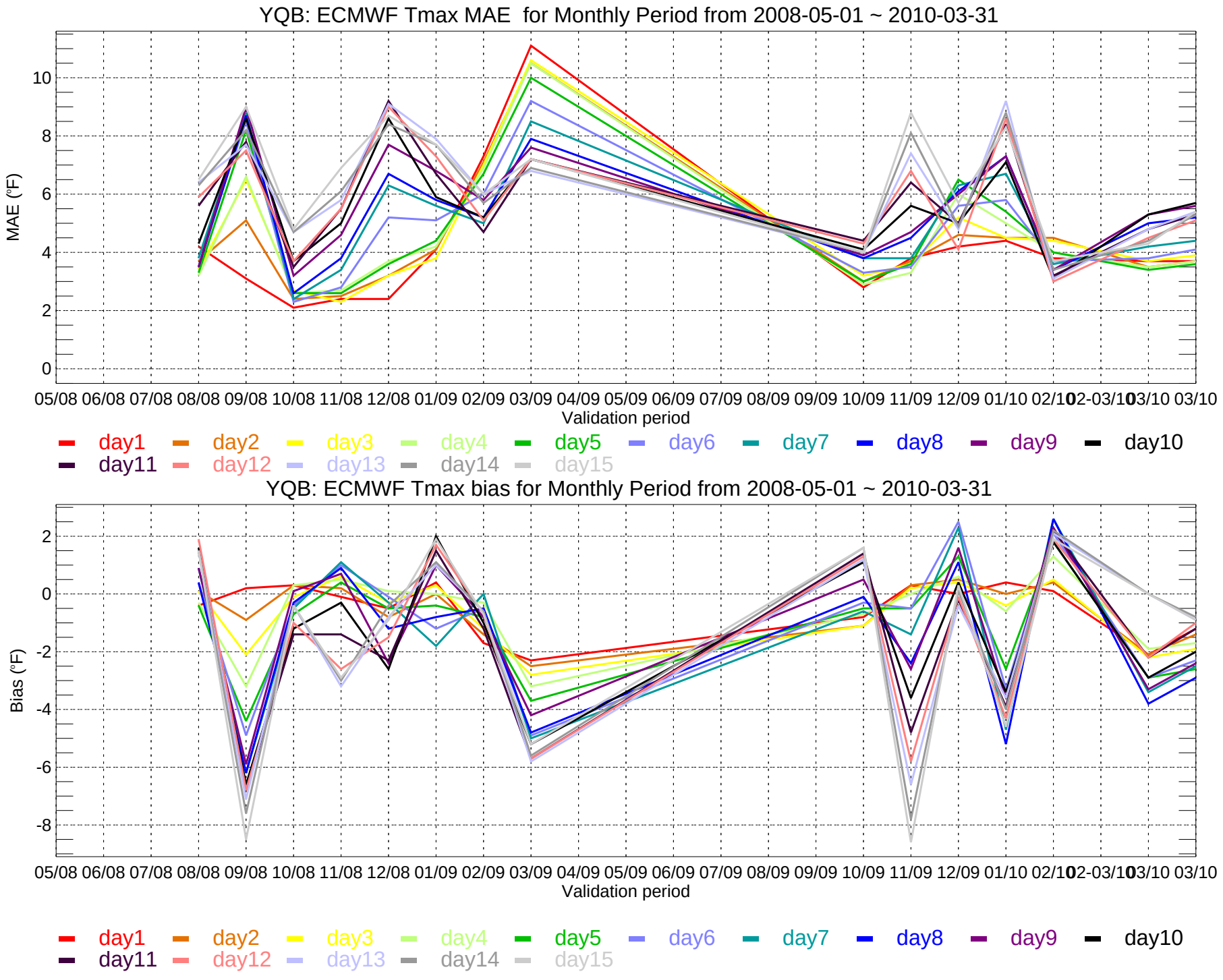

YKM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

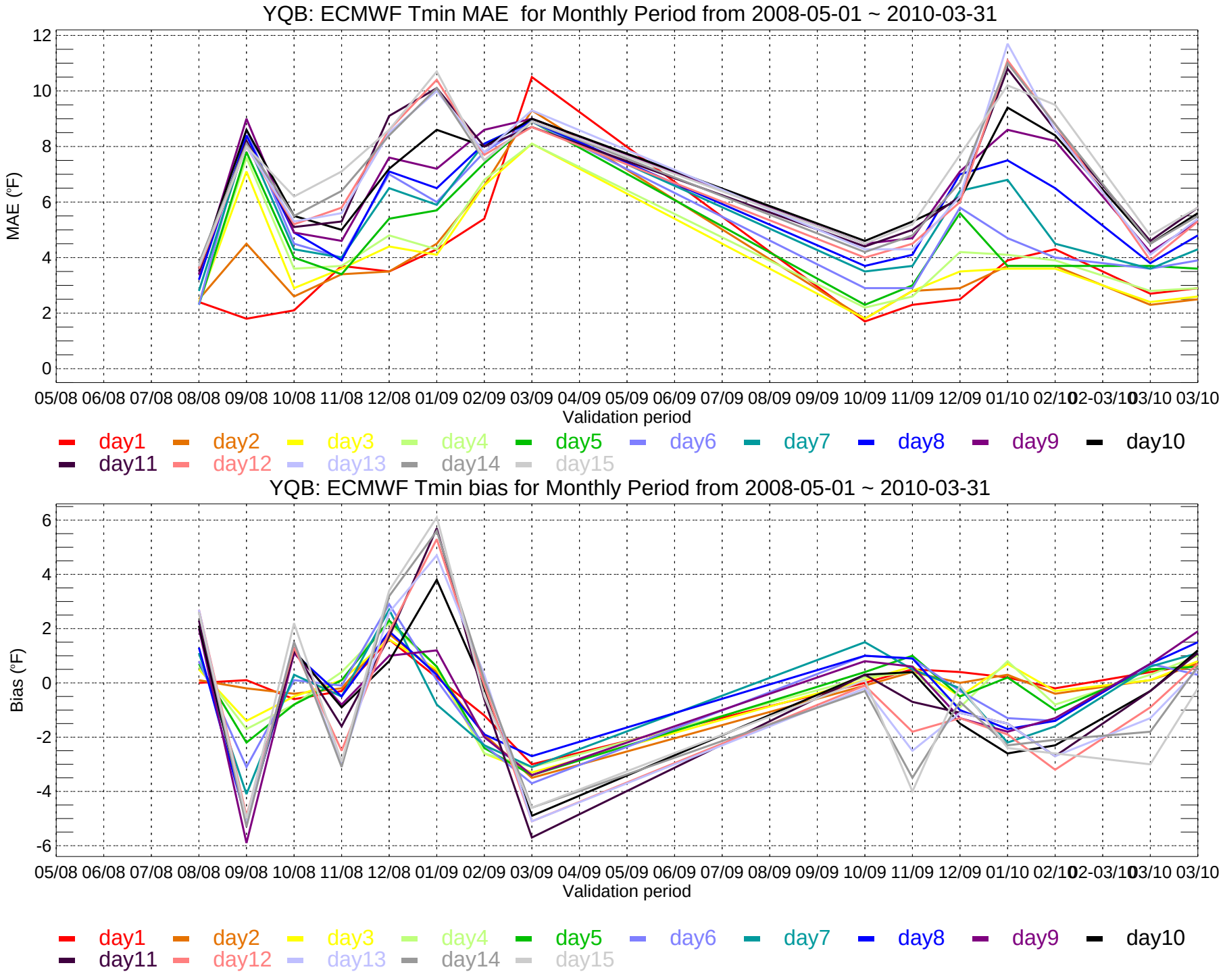

YKM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

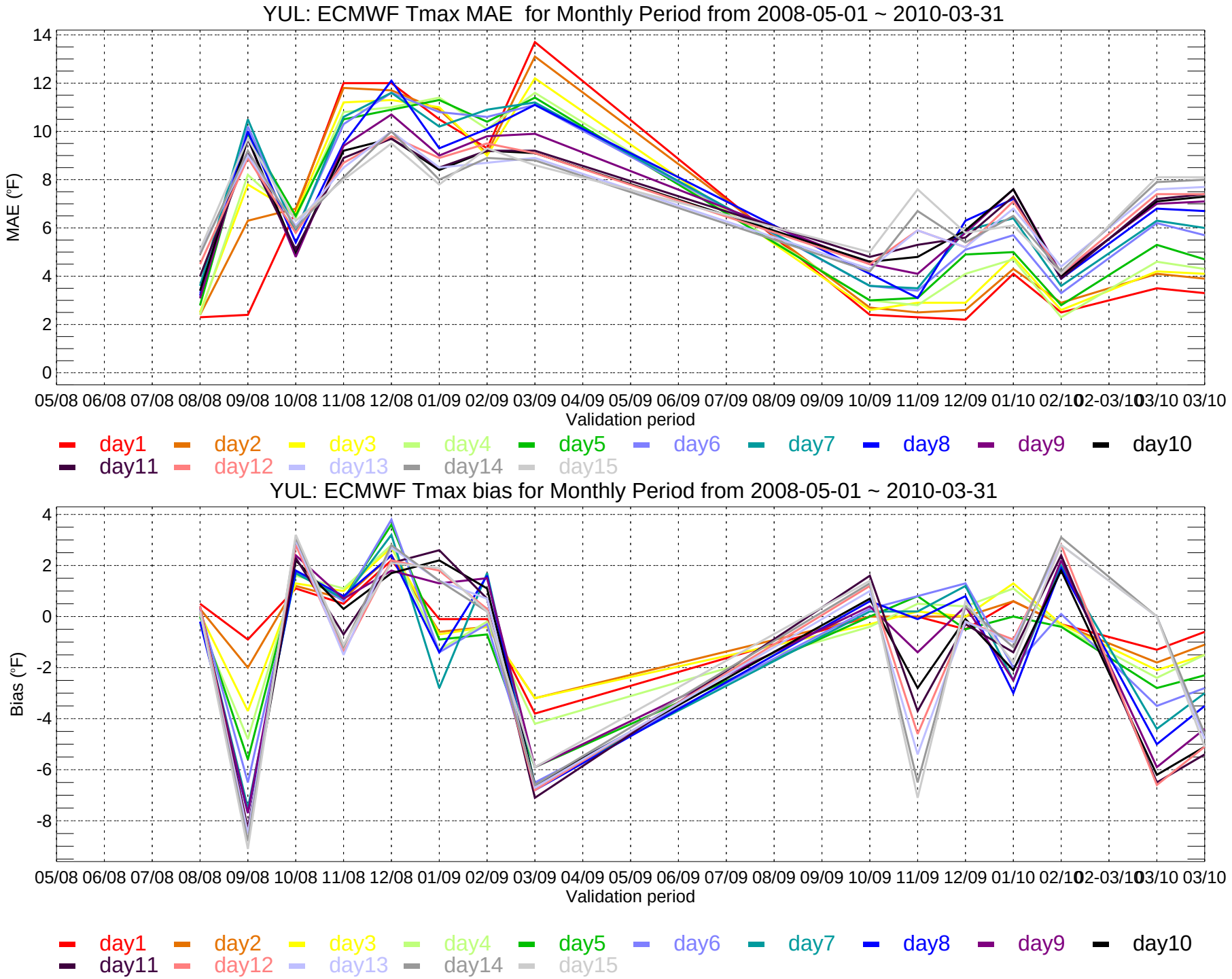

YKM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YKM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

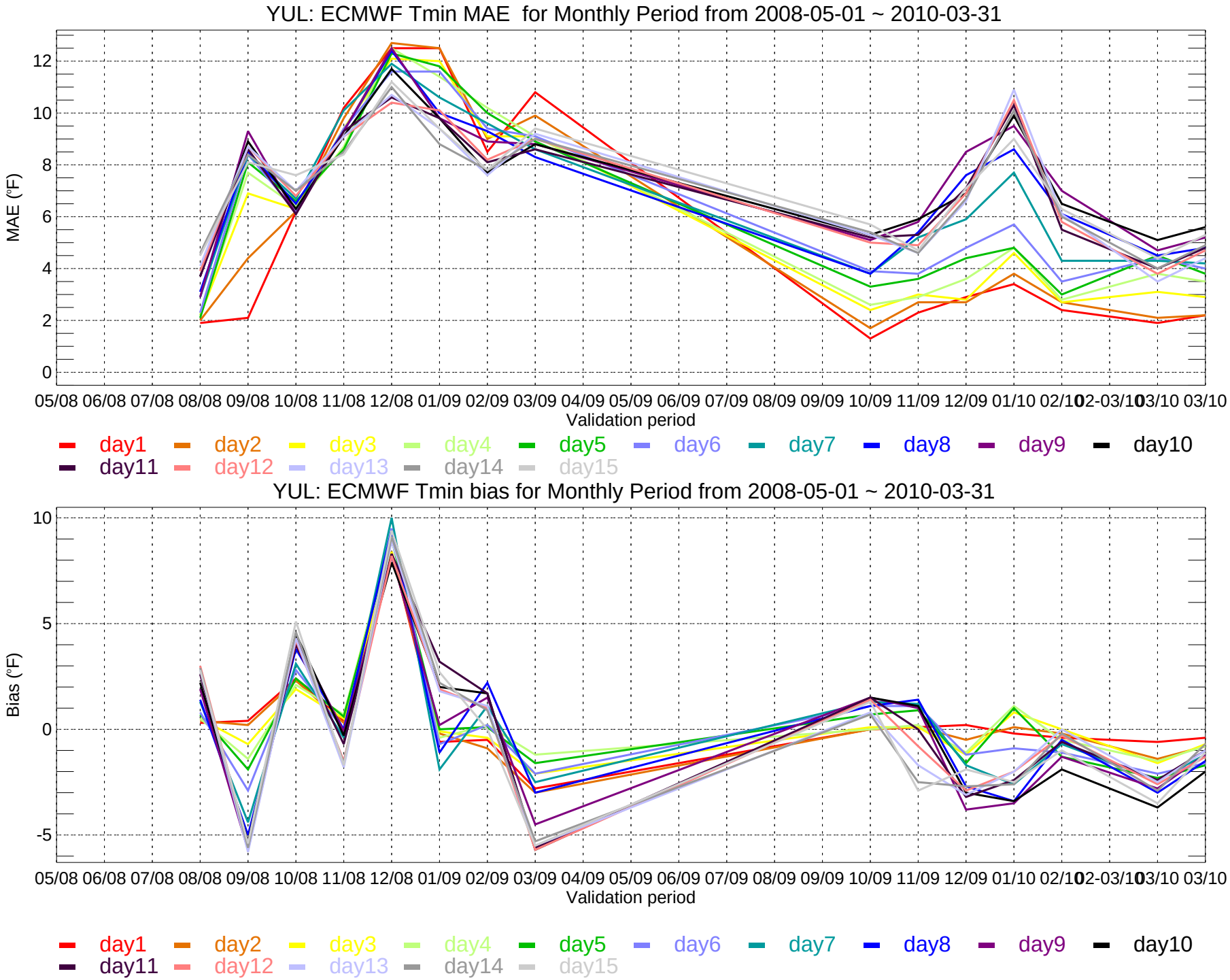

YNG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YNG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

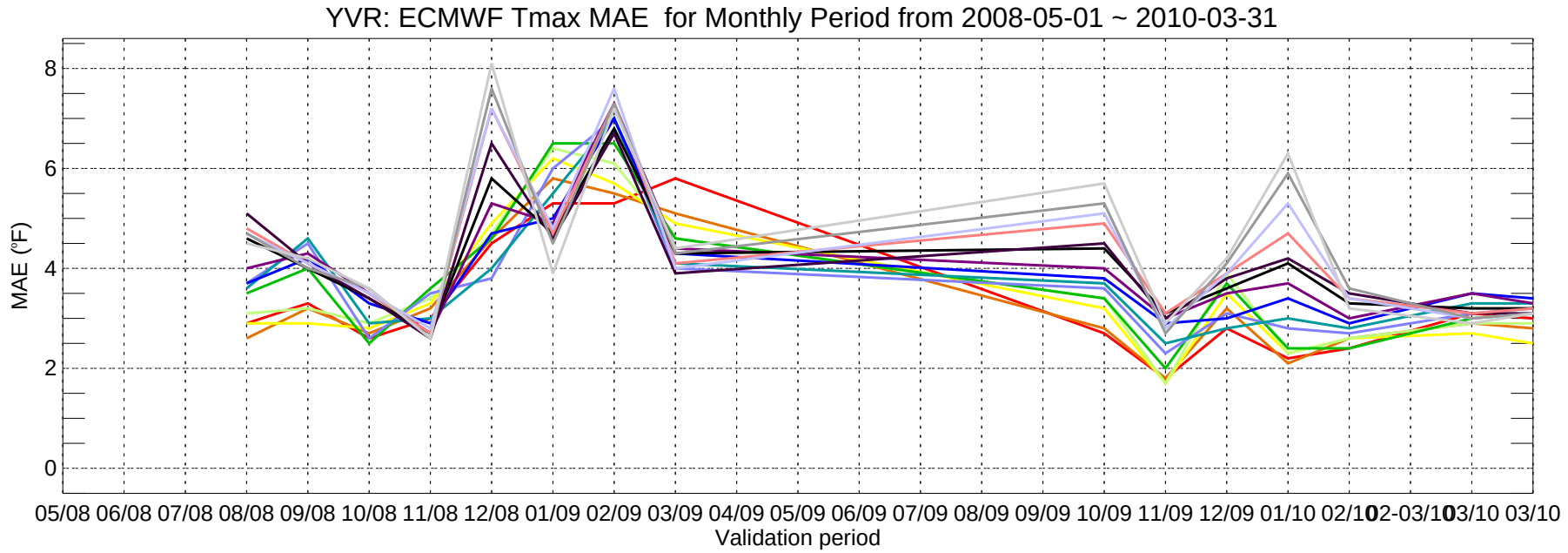

YNG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YNG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

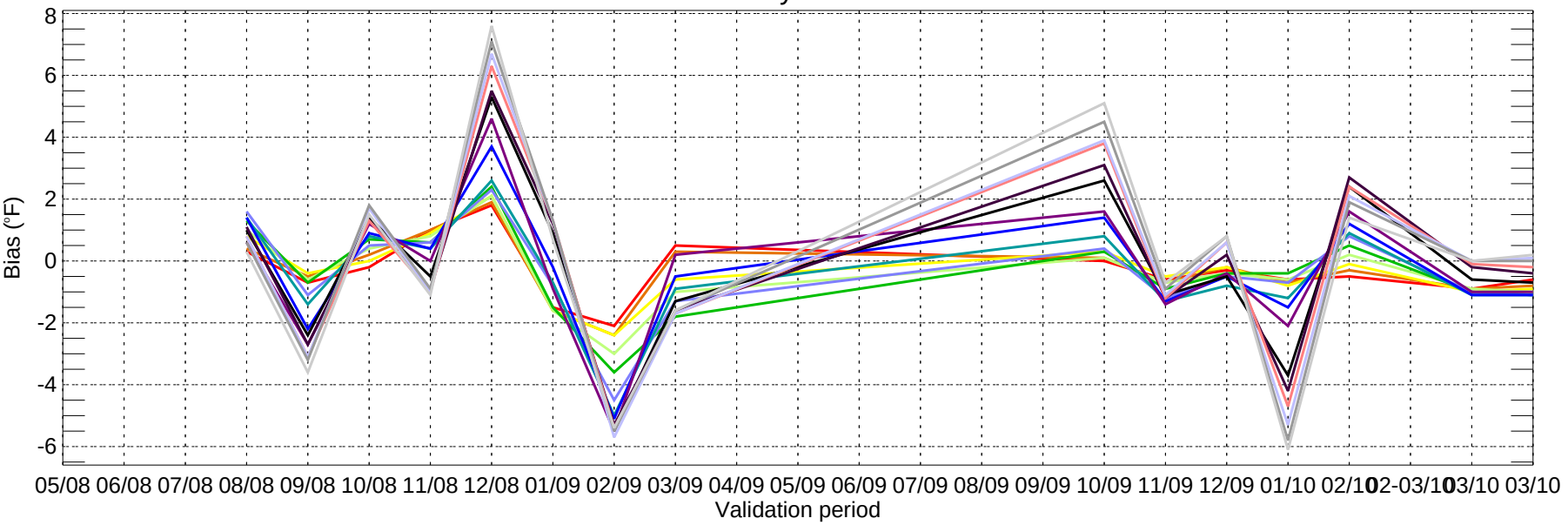

YQB: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YQB: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-8
-6
-4
-2
0
2
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

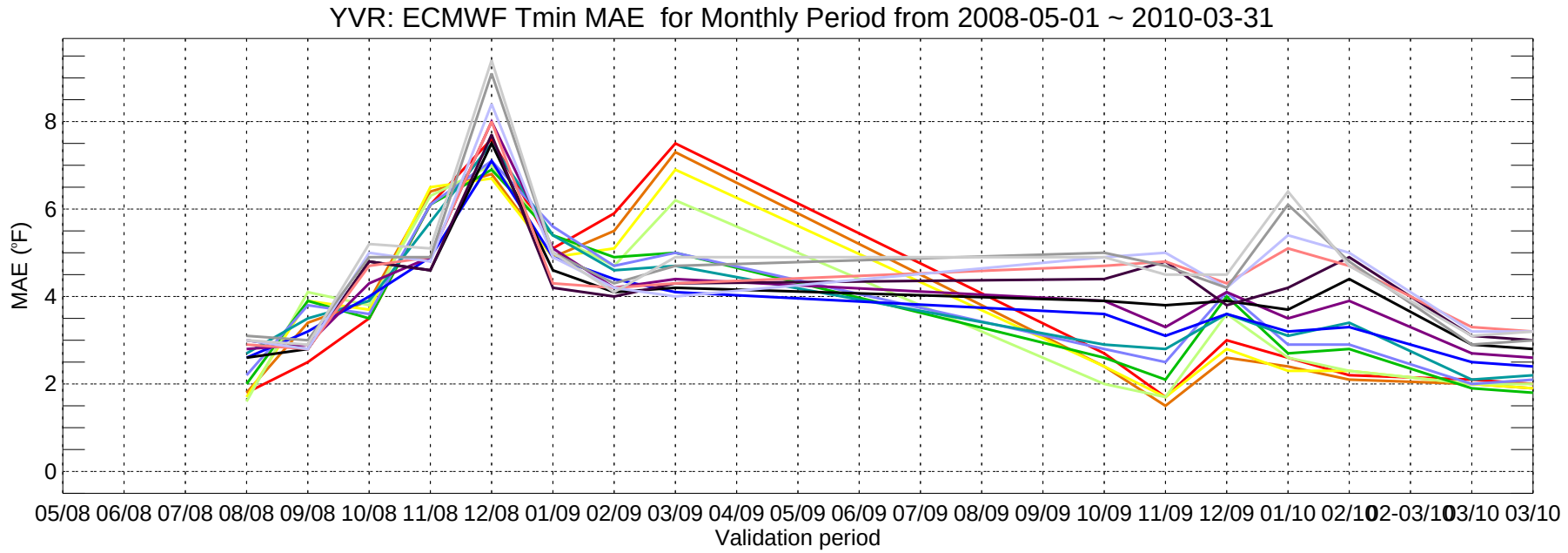

YQB: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YQB: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

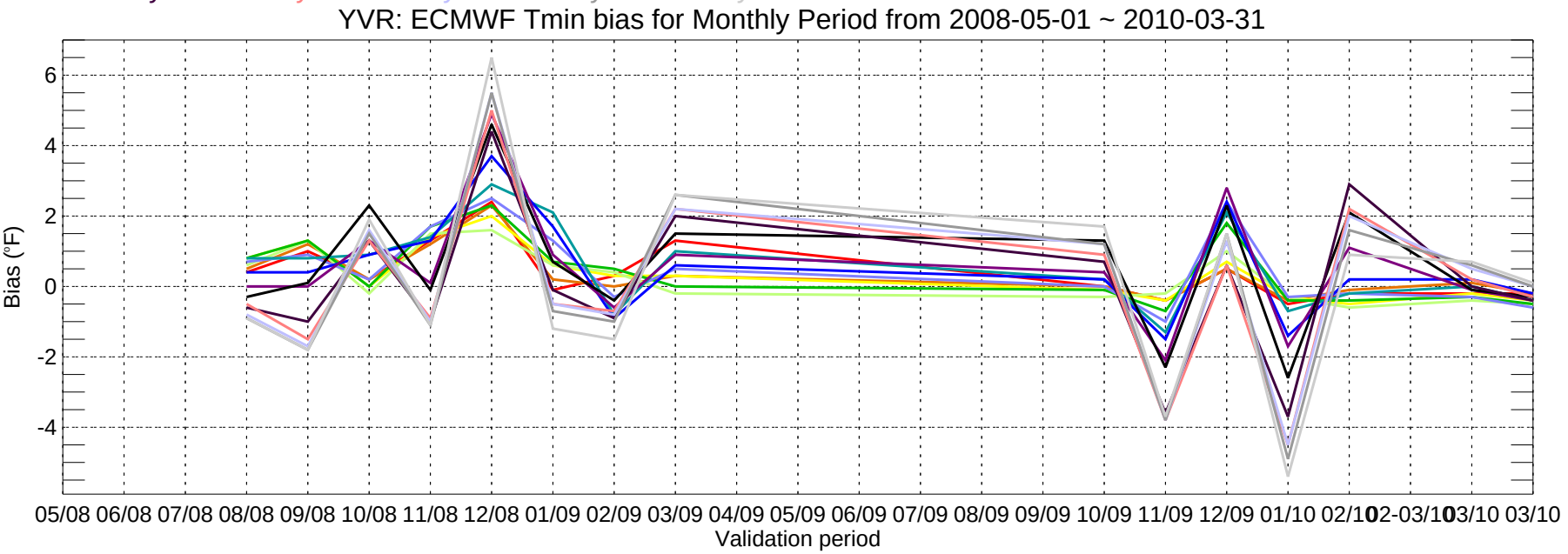

YUL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
14
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YUL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

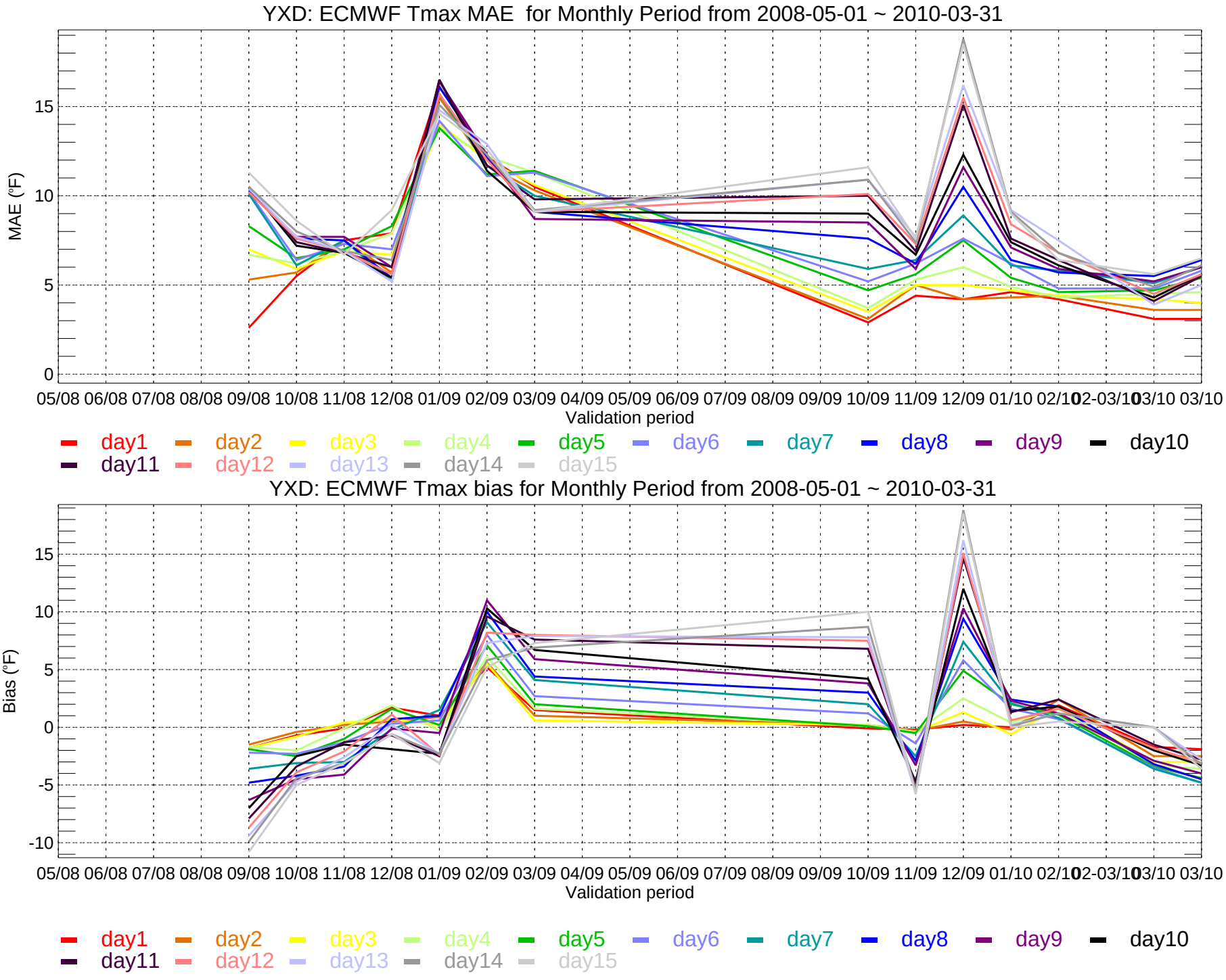

YUL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YUL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

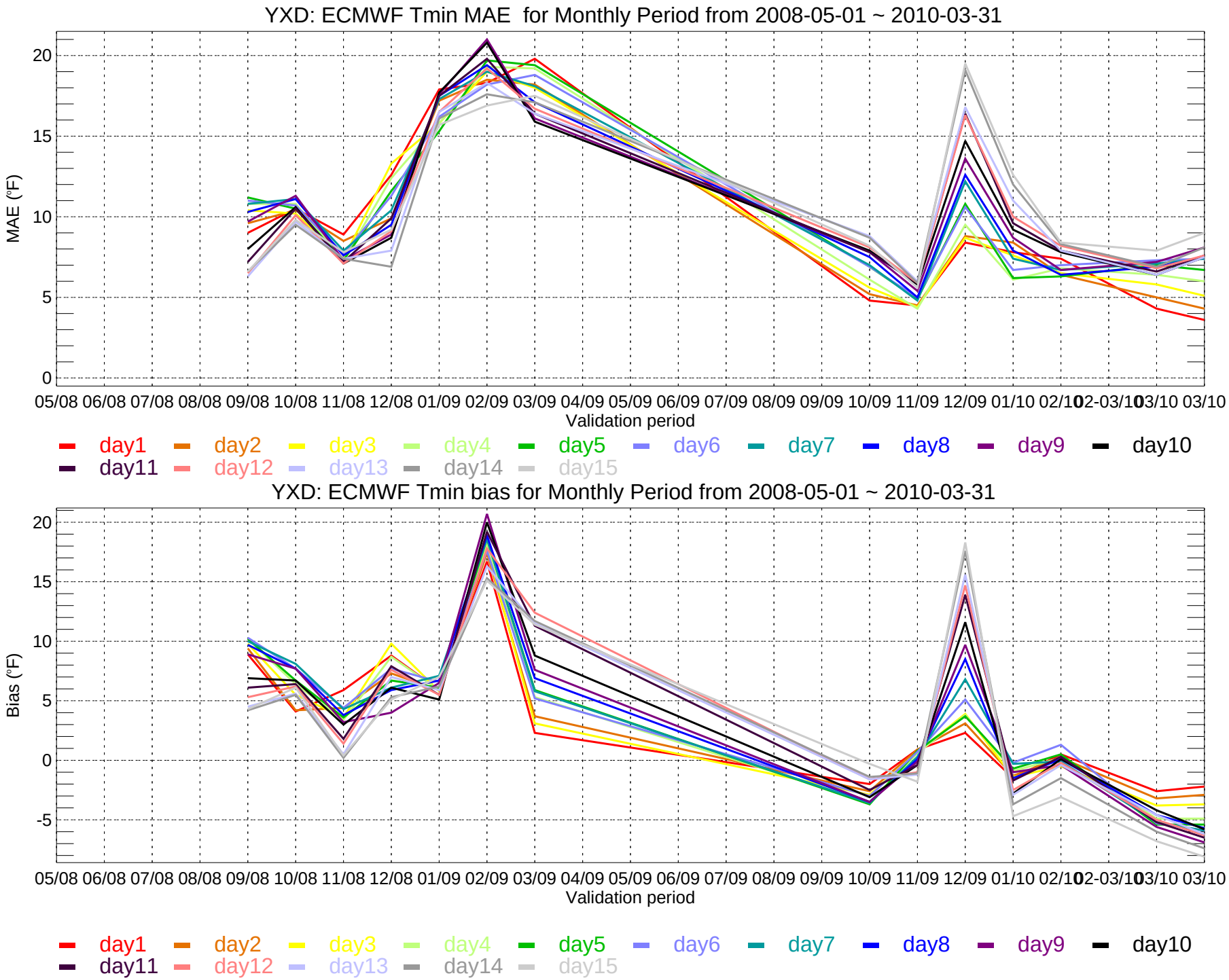

YVR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

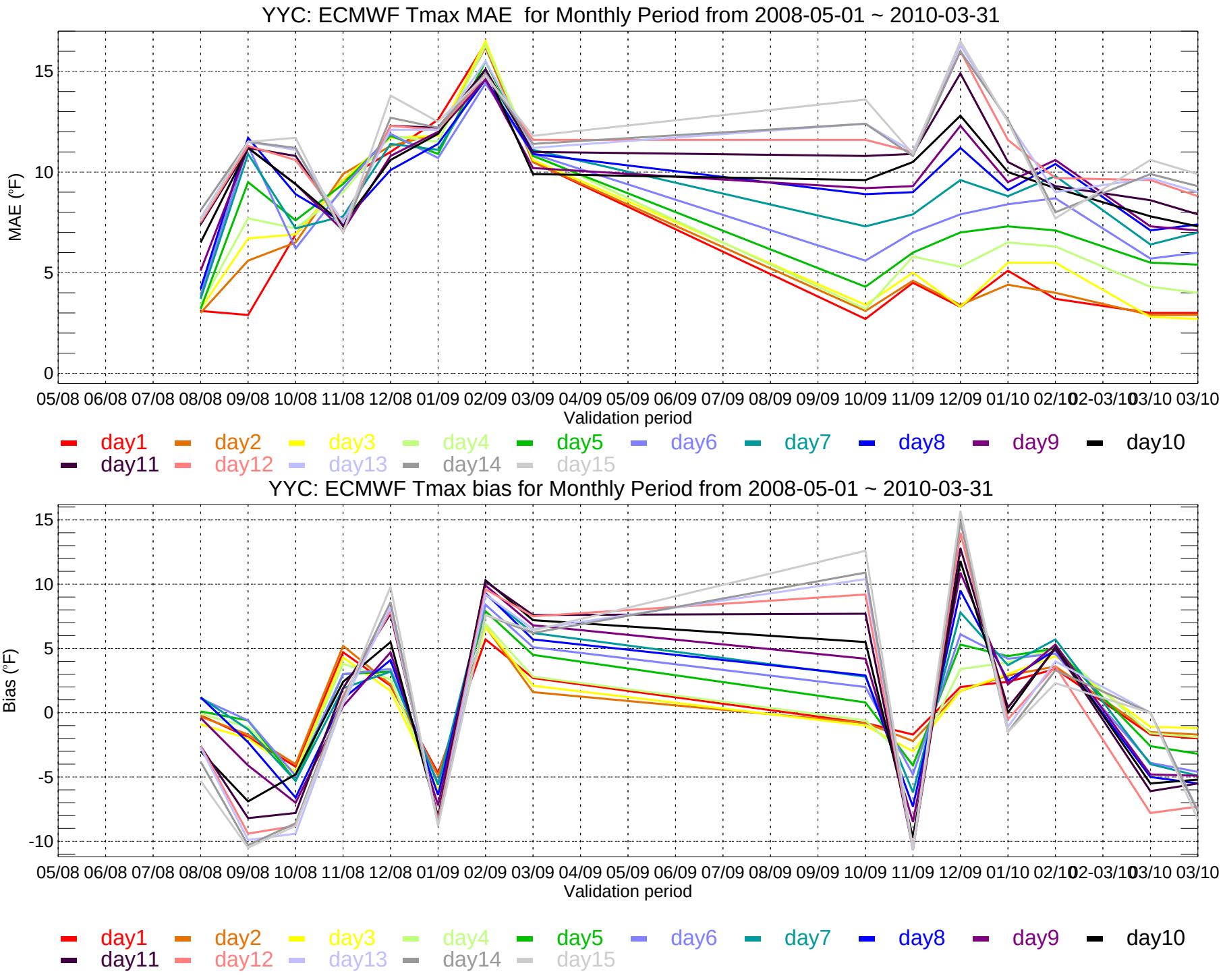

YVR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

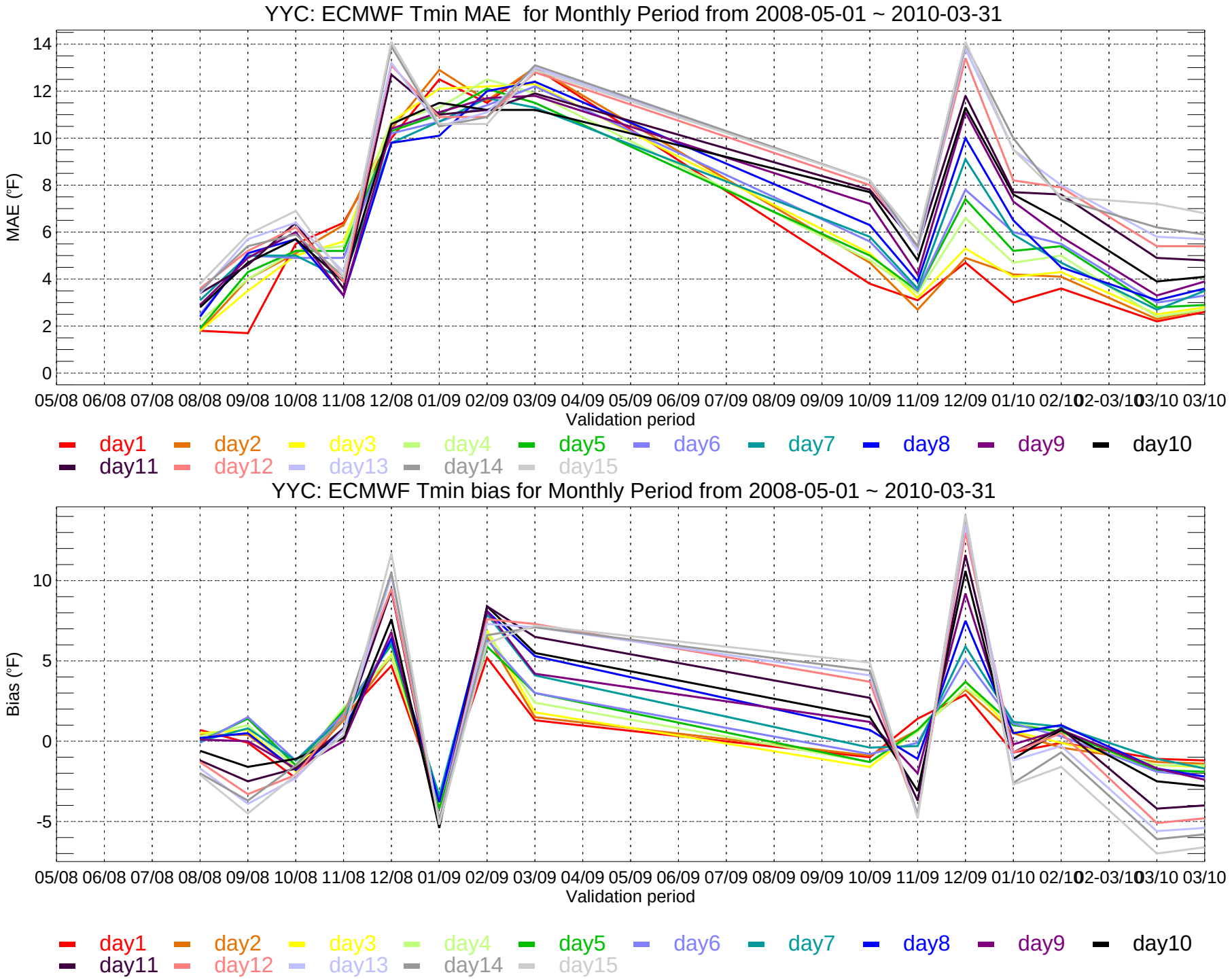

YVR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

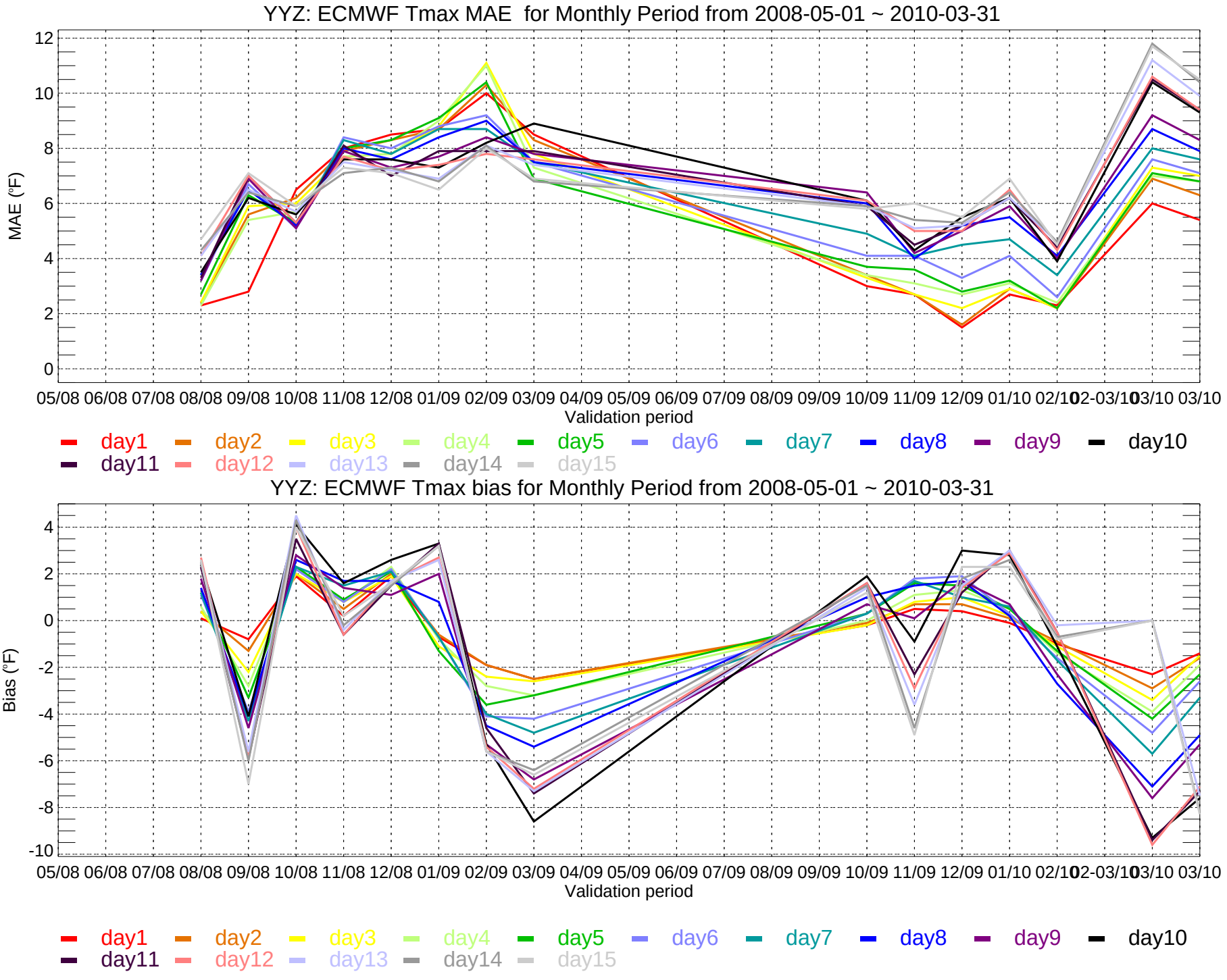

YVR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

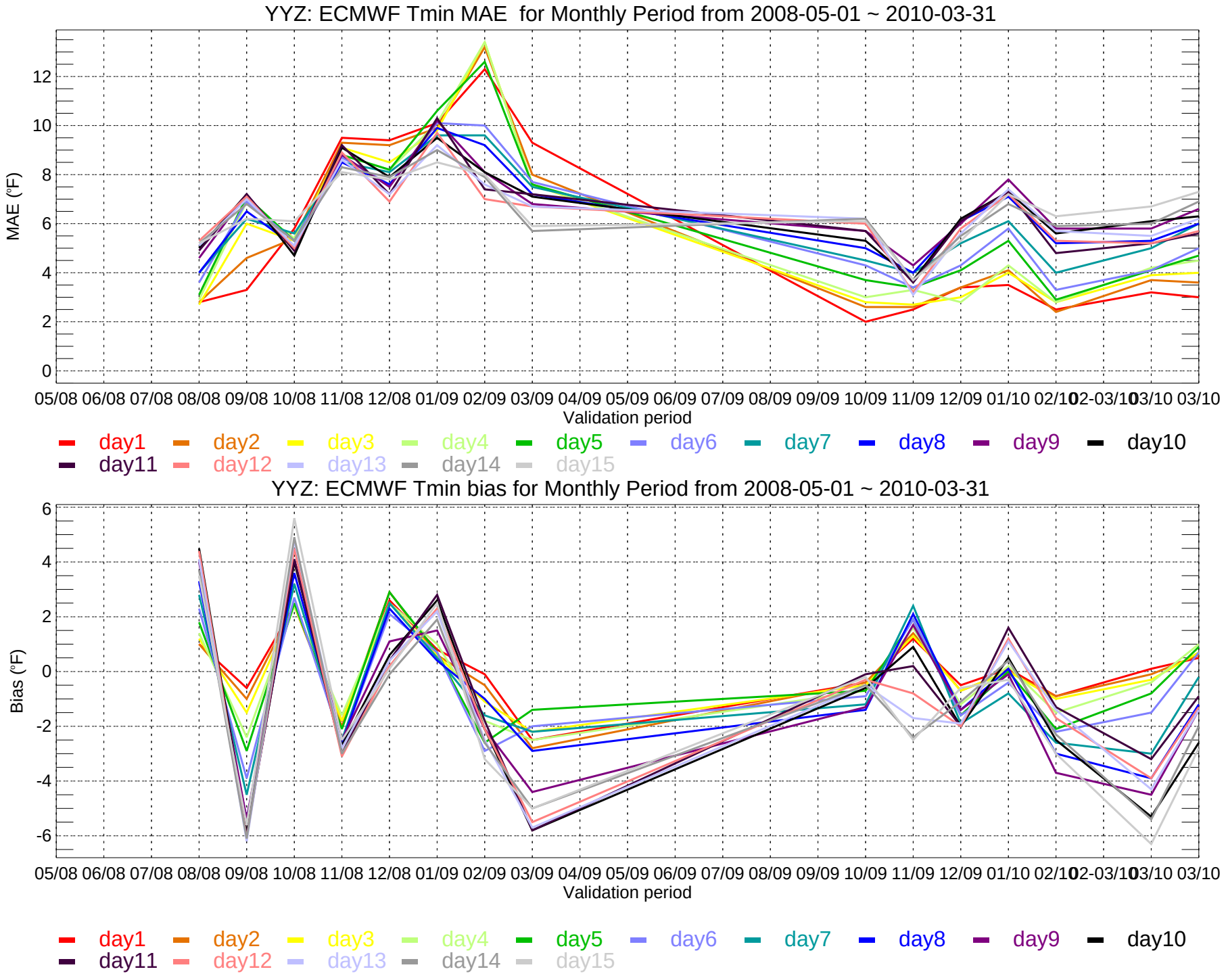

YXD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
5
10
15
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YXD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-10
-5
0
5
10
15
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

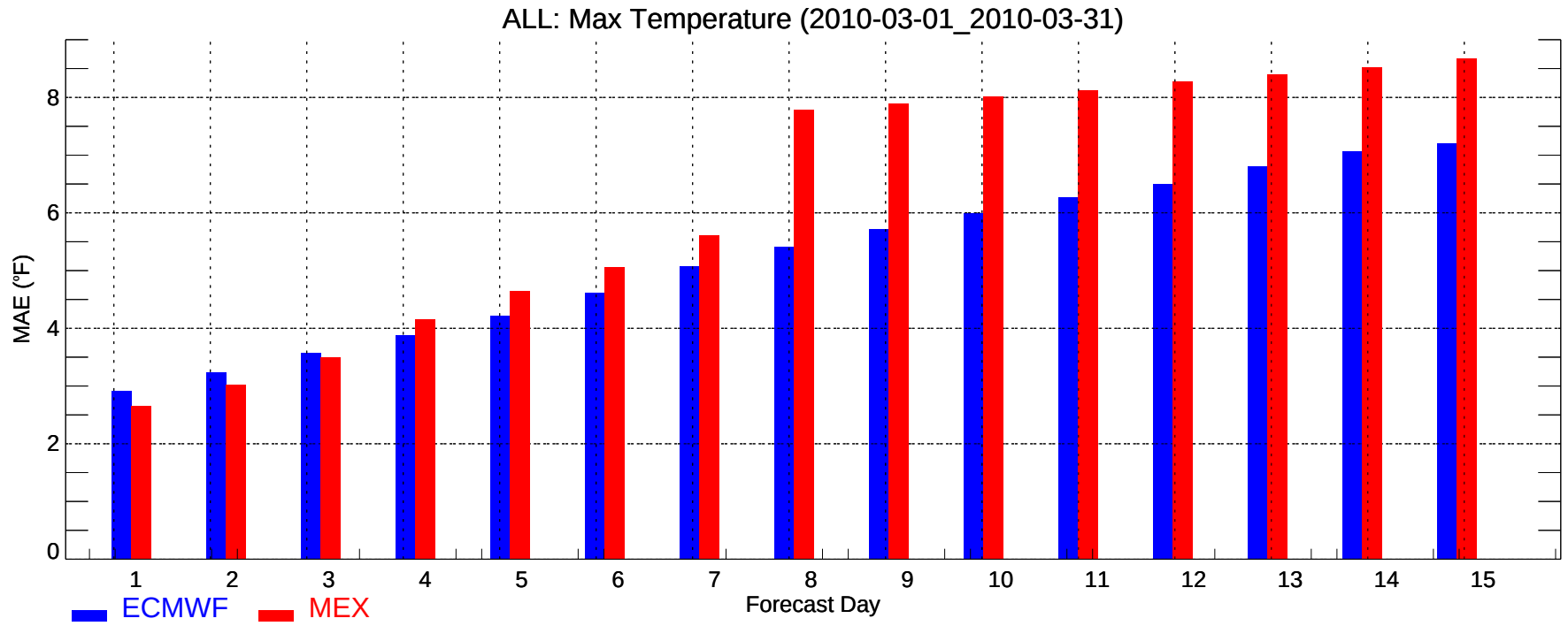

YXD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
5
10
15
20
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YXD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
10
15
20
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

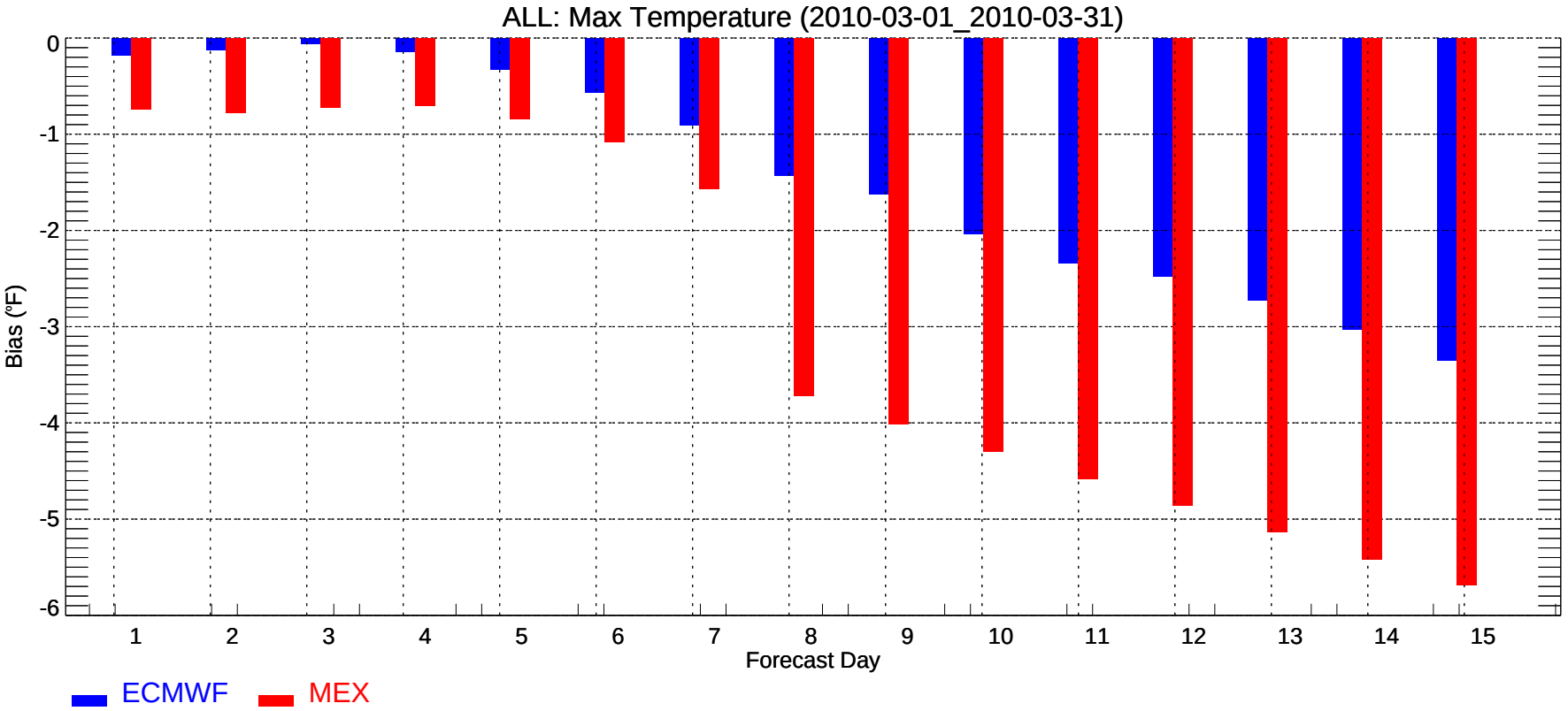

YYC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
15
10
5
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YYC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
15
10
5
0
-5
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

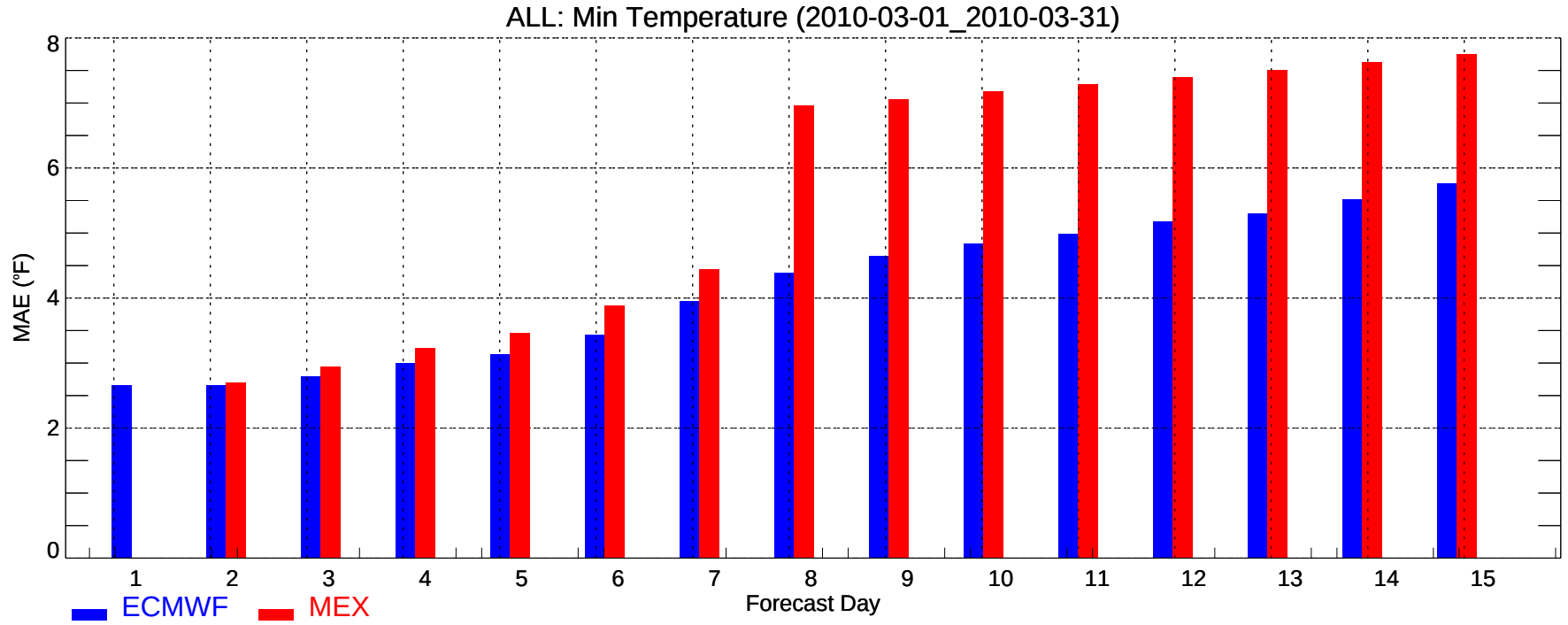

YYC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
14
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YYC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-5
0
5
10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

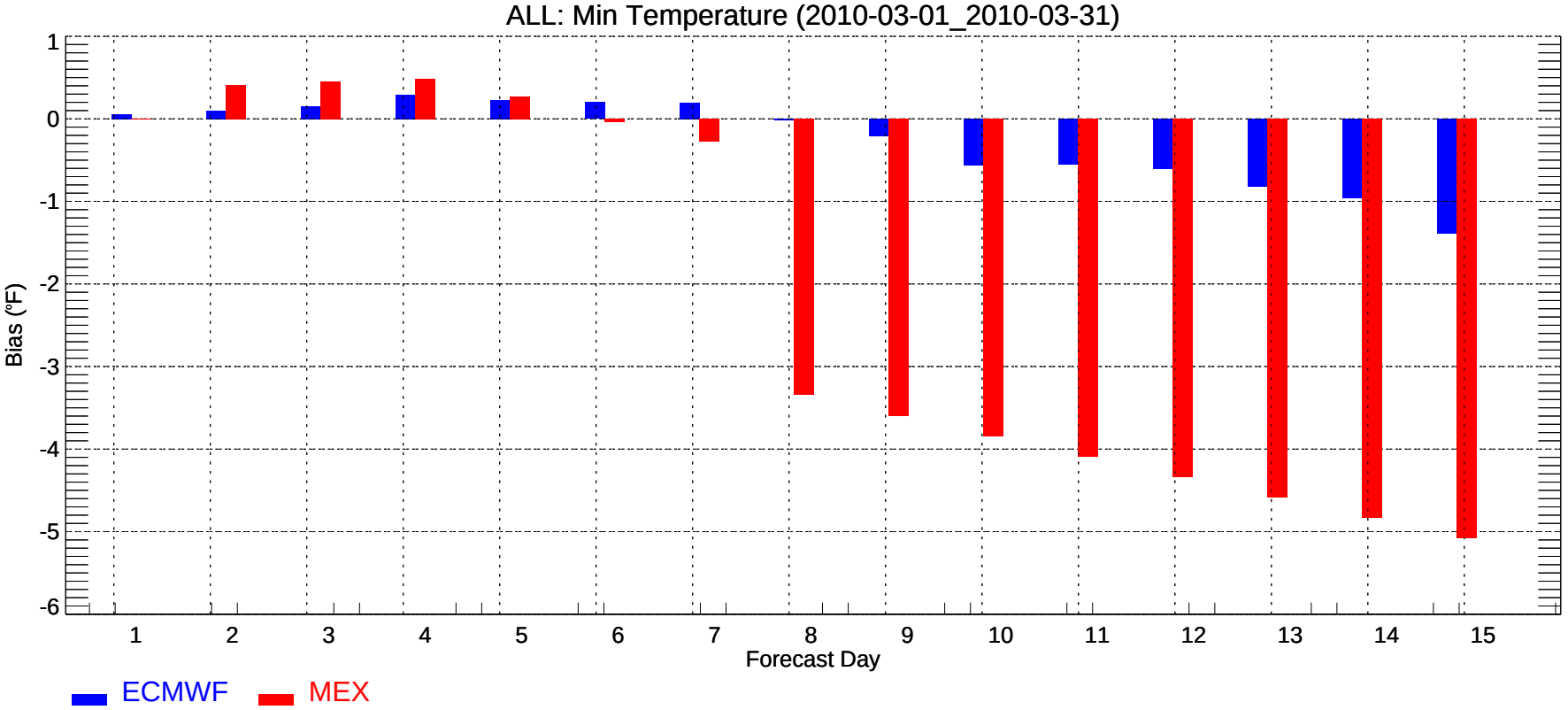

YYZ: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
12
10
8
6
4
2
0
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YYZ: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

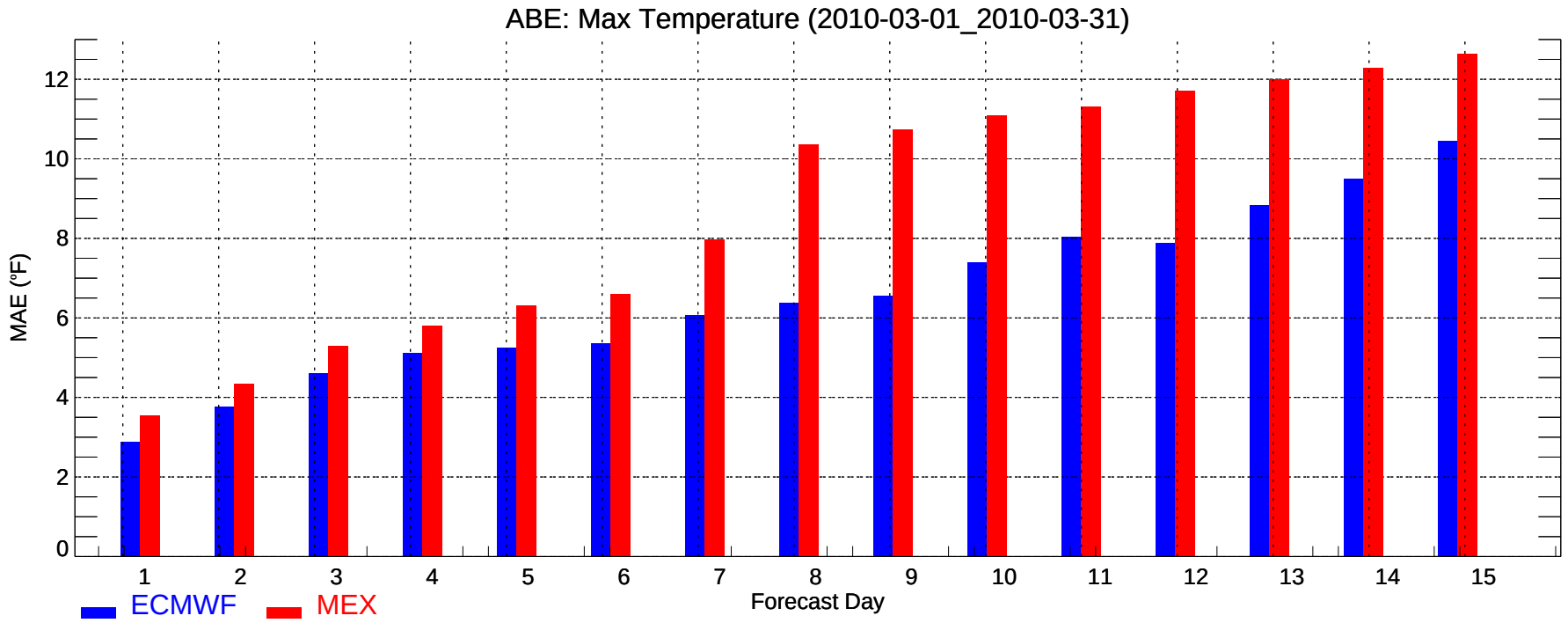

YYZ: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2010-03-31
MAE (°F)
0
2
4
6
8
10
12
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15
YYZ: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2010-03-31
Bias (°F)
-6
-4
-2
0
2
4
6
05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

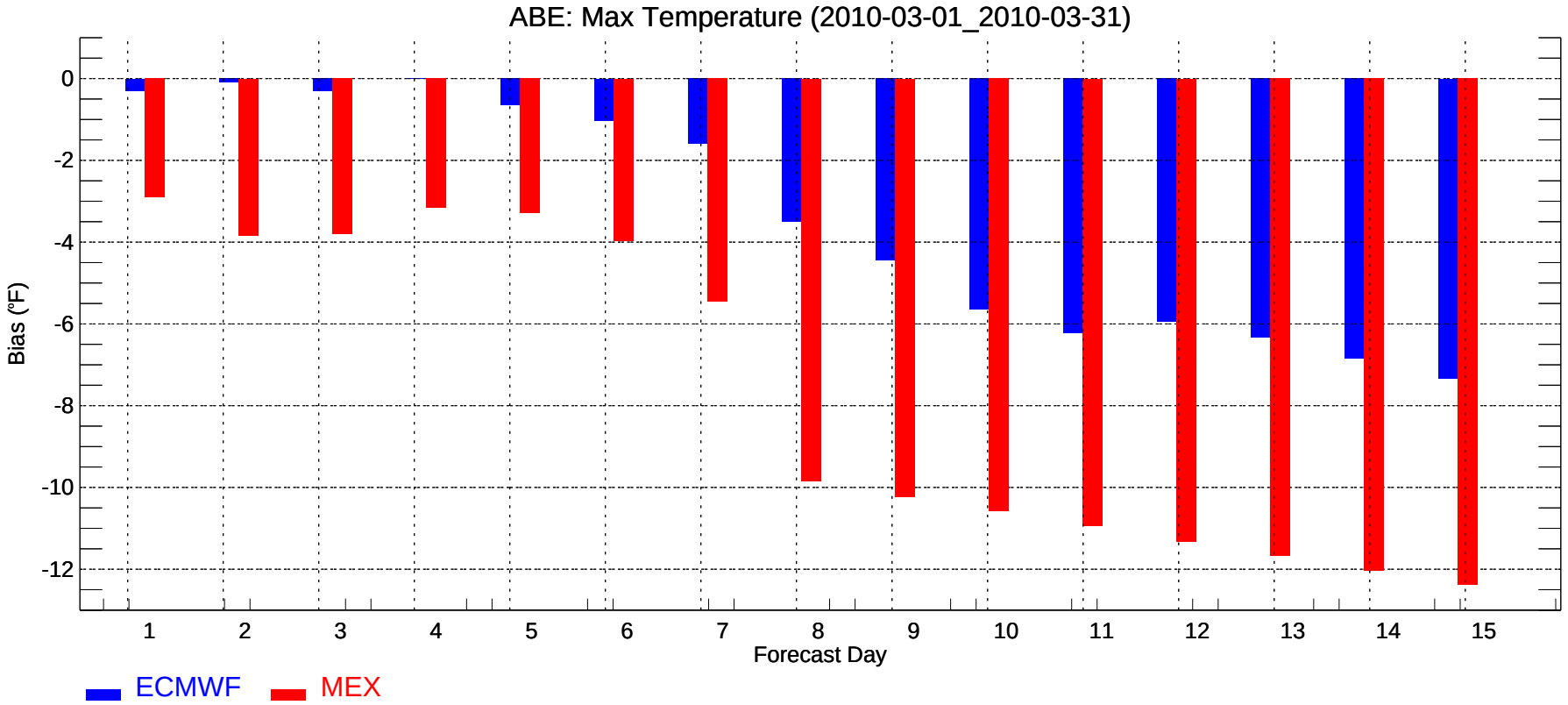

ALL: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

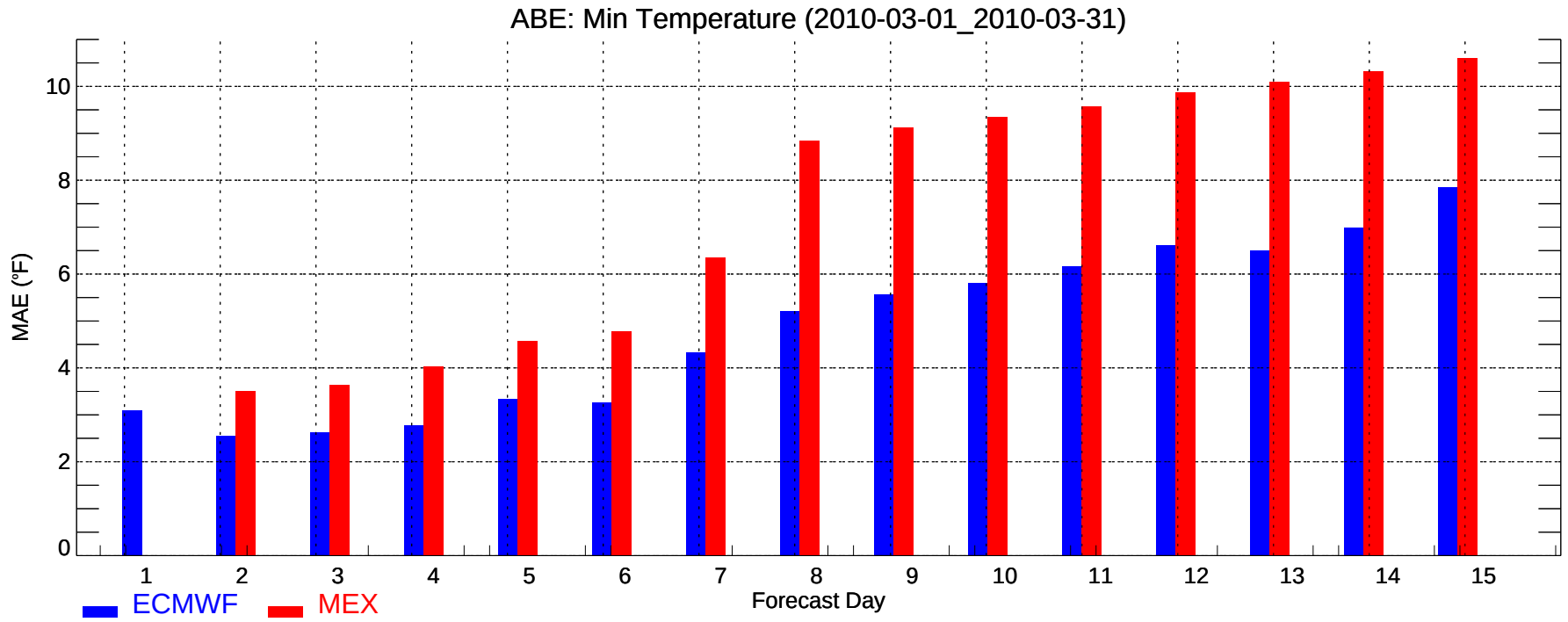

ALL: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

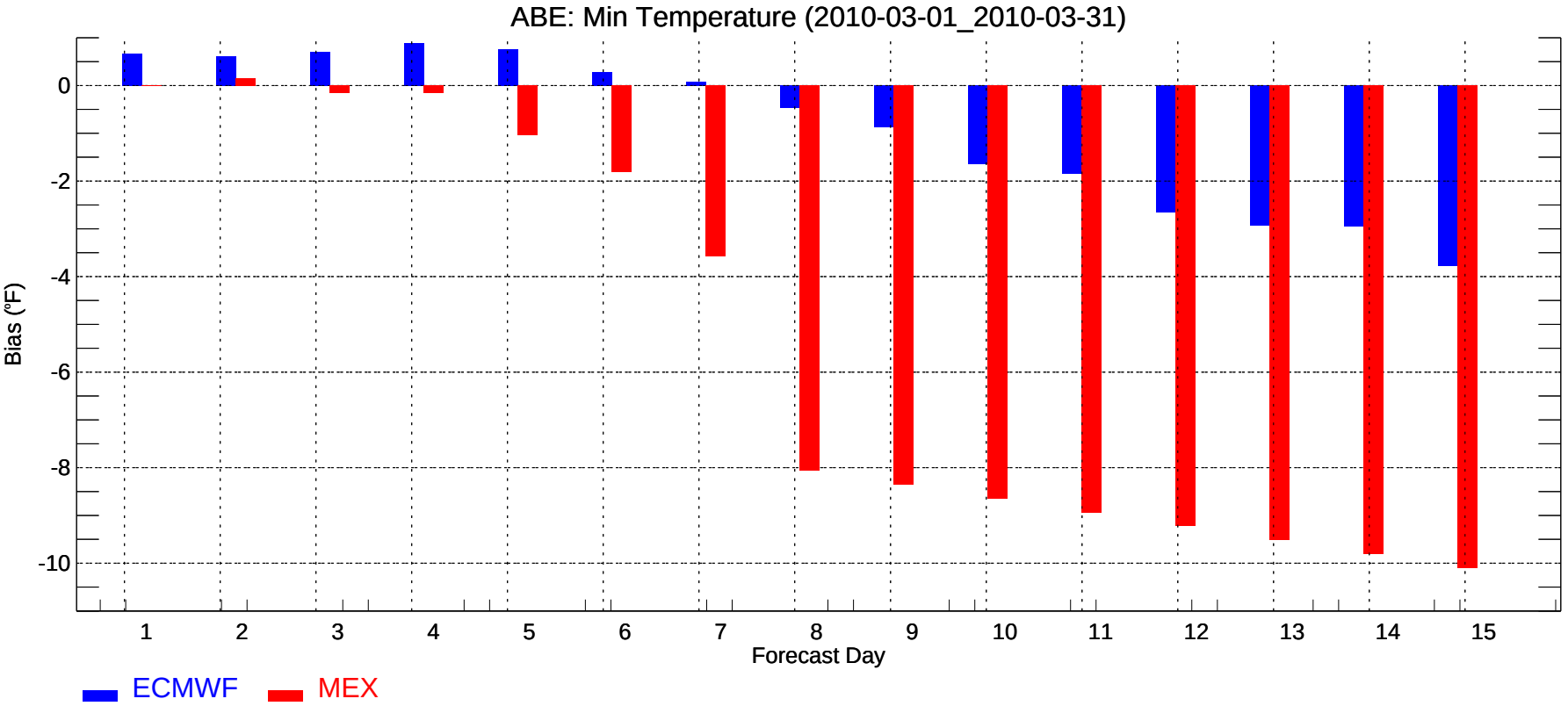

ALL: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

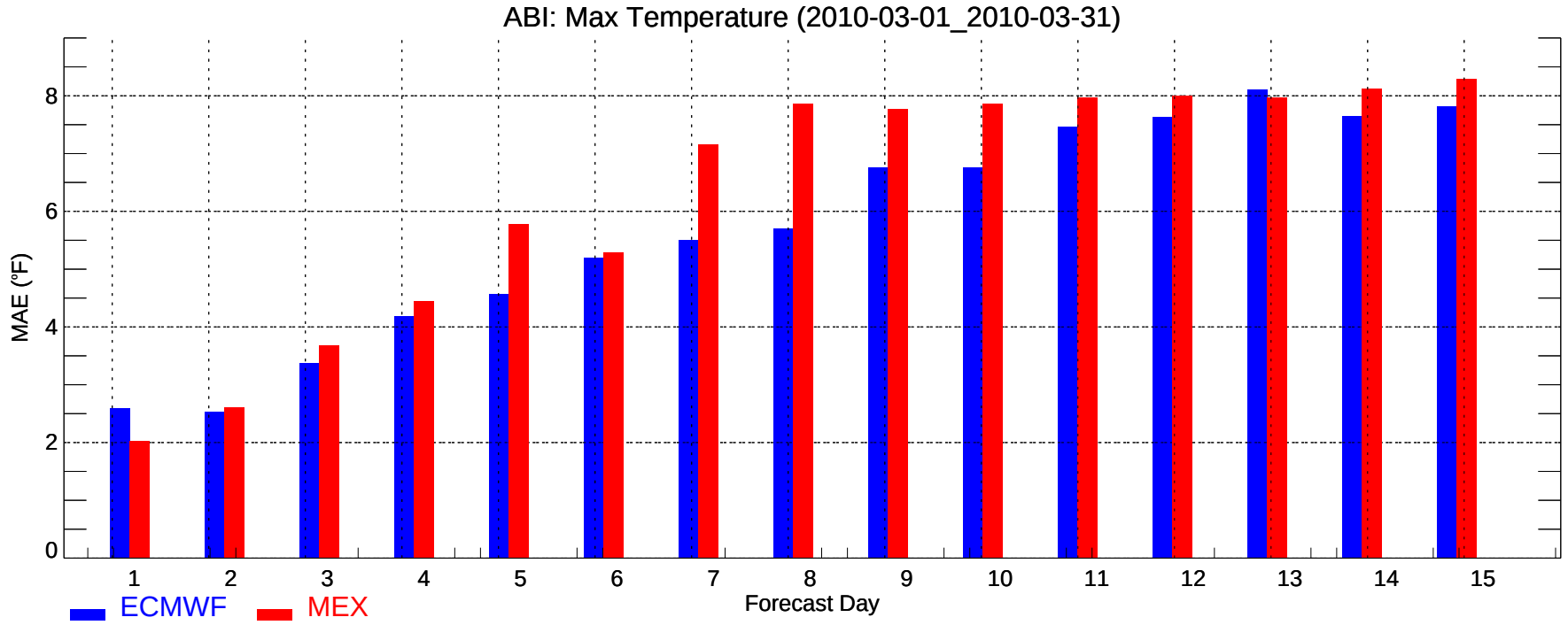

ALL: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

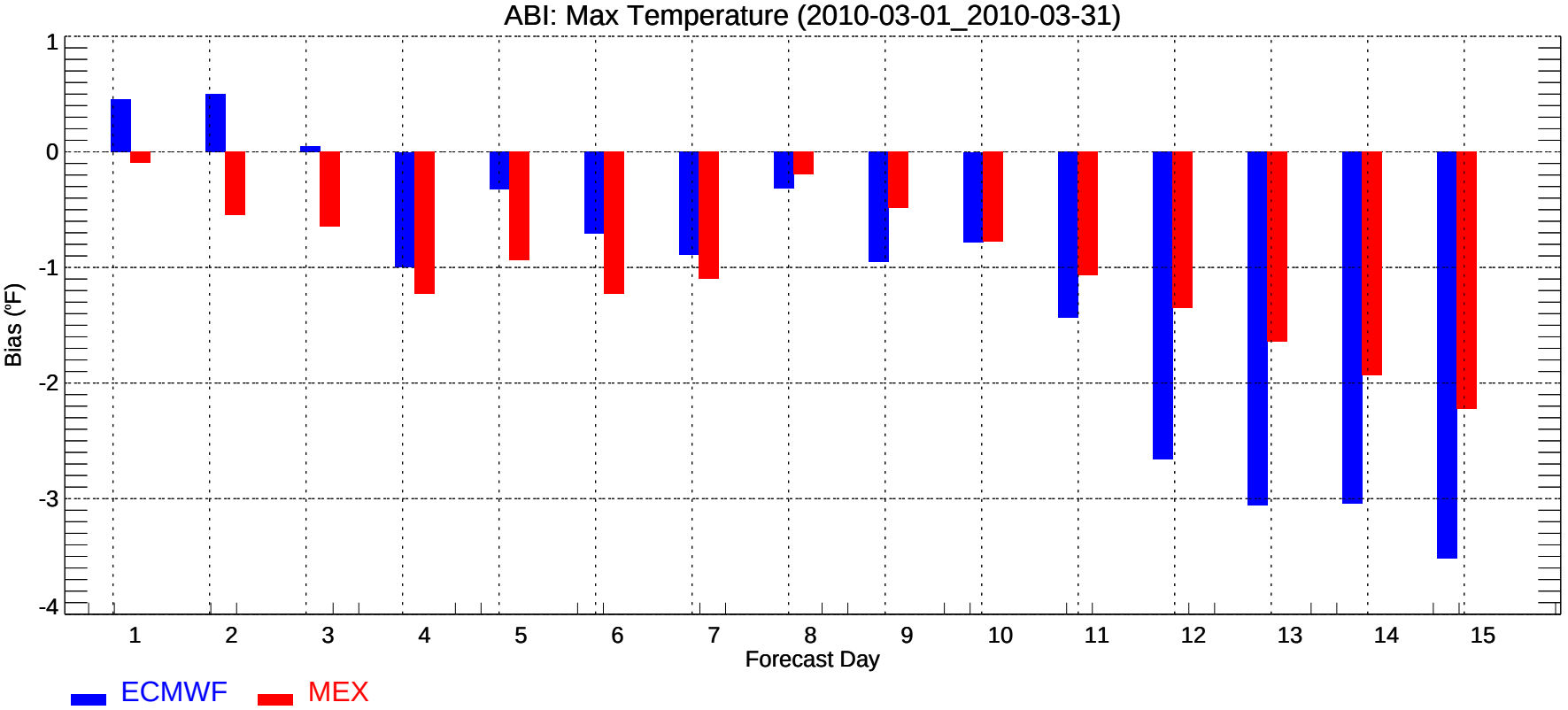

ABE: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

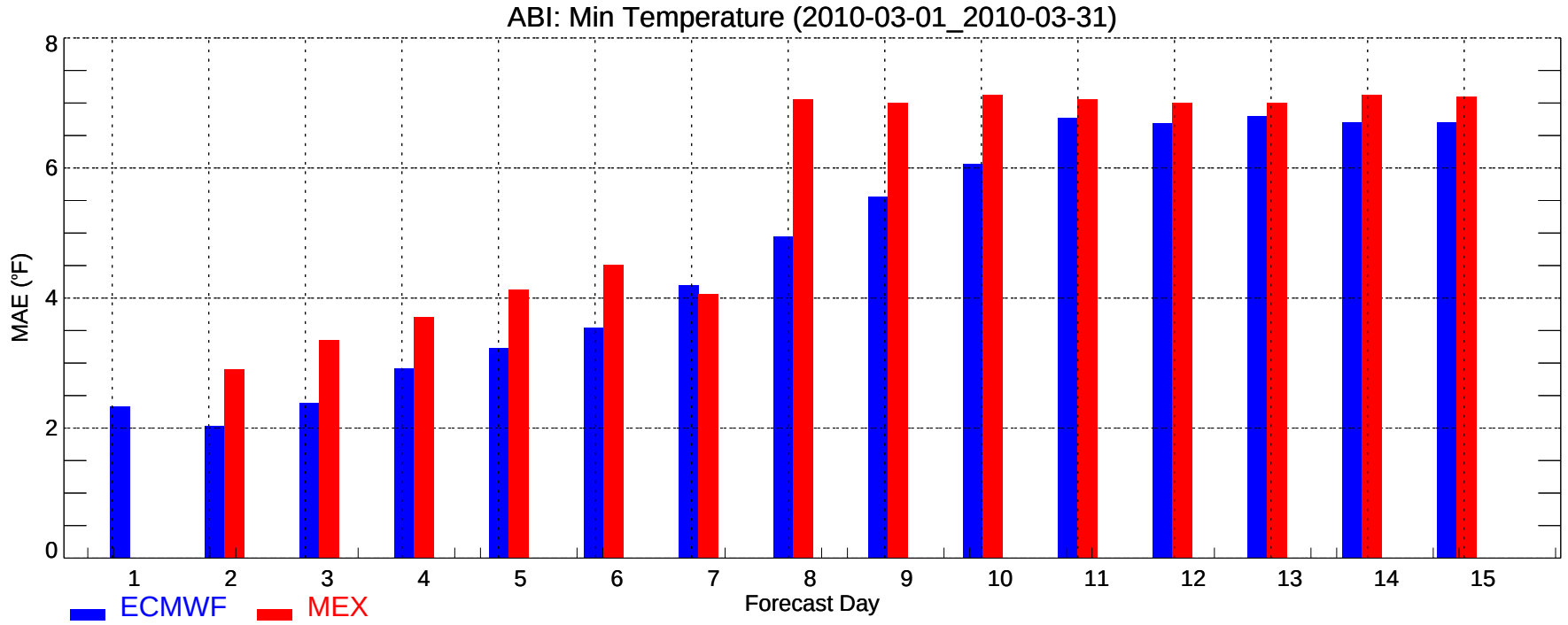

ABE: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

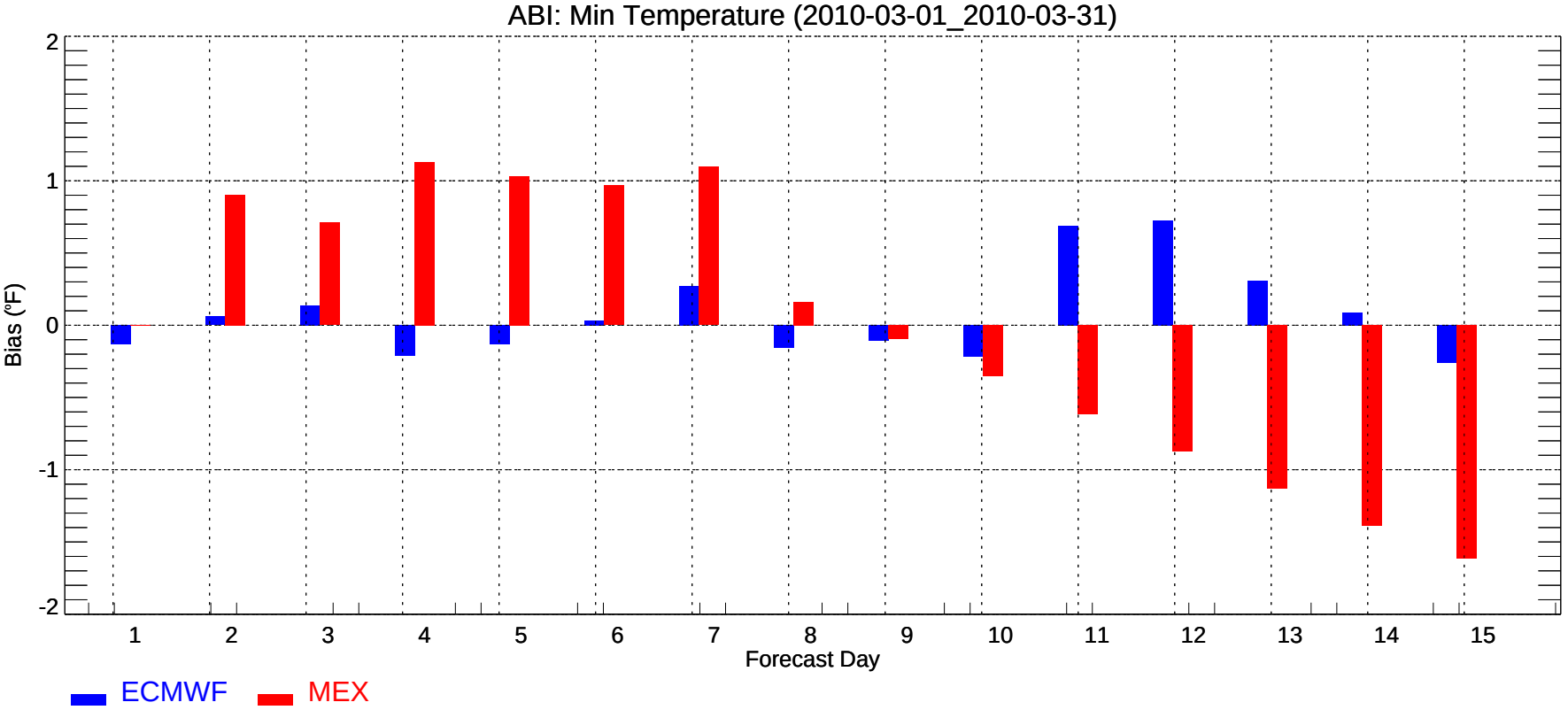

ABE: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

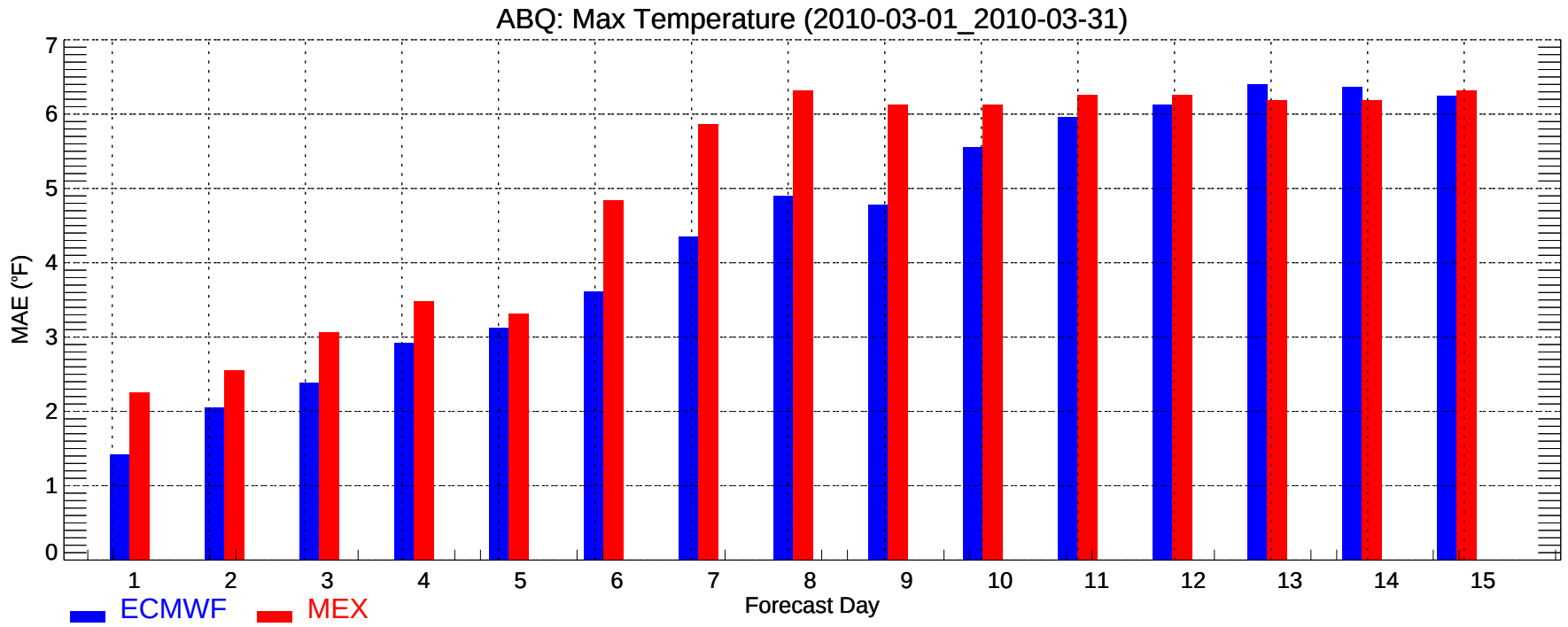

ABE: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

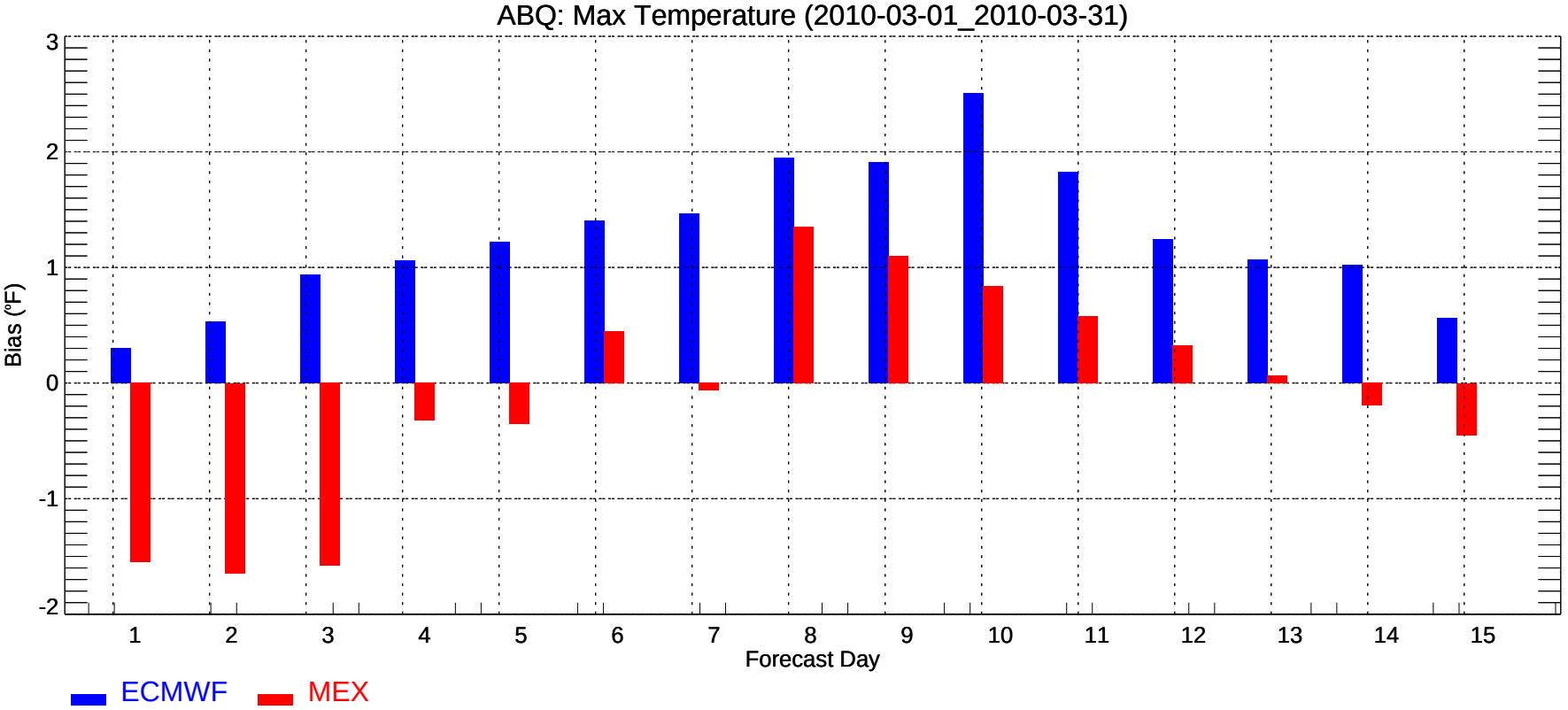

ABI: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

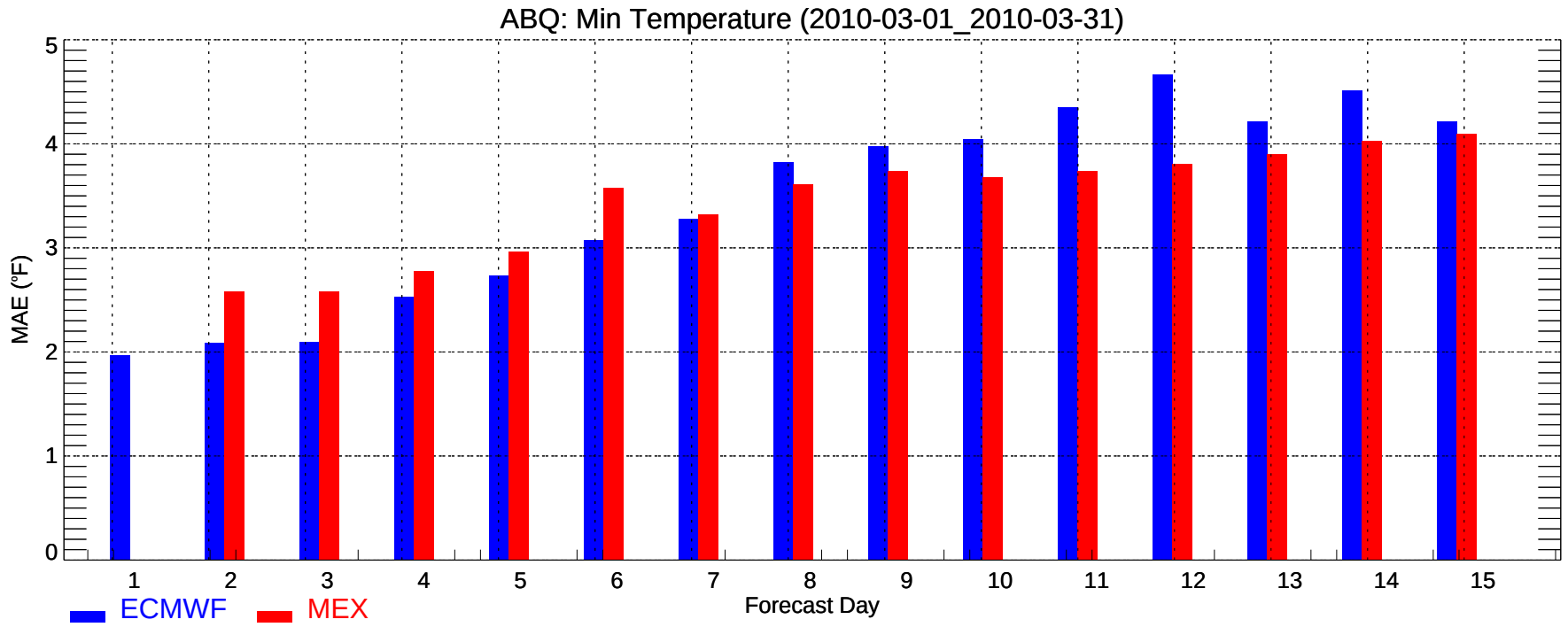

ABI: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

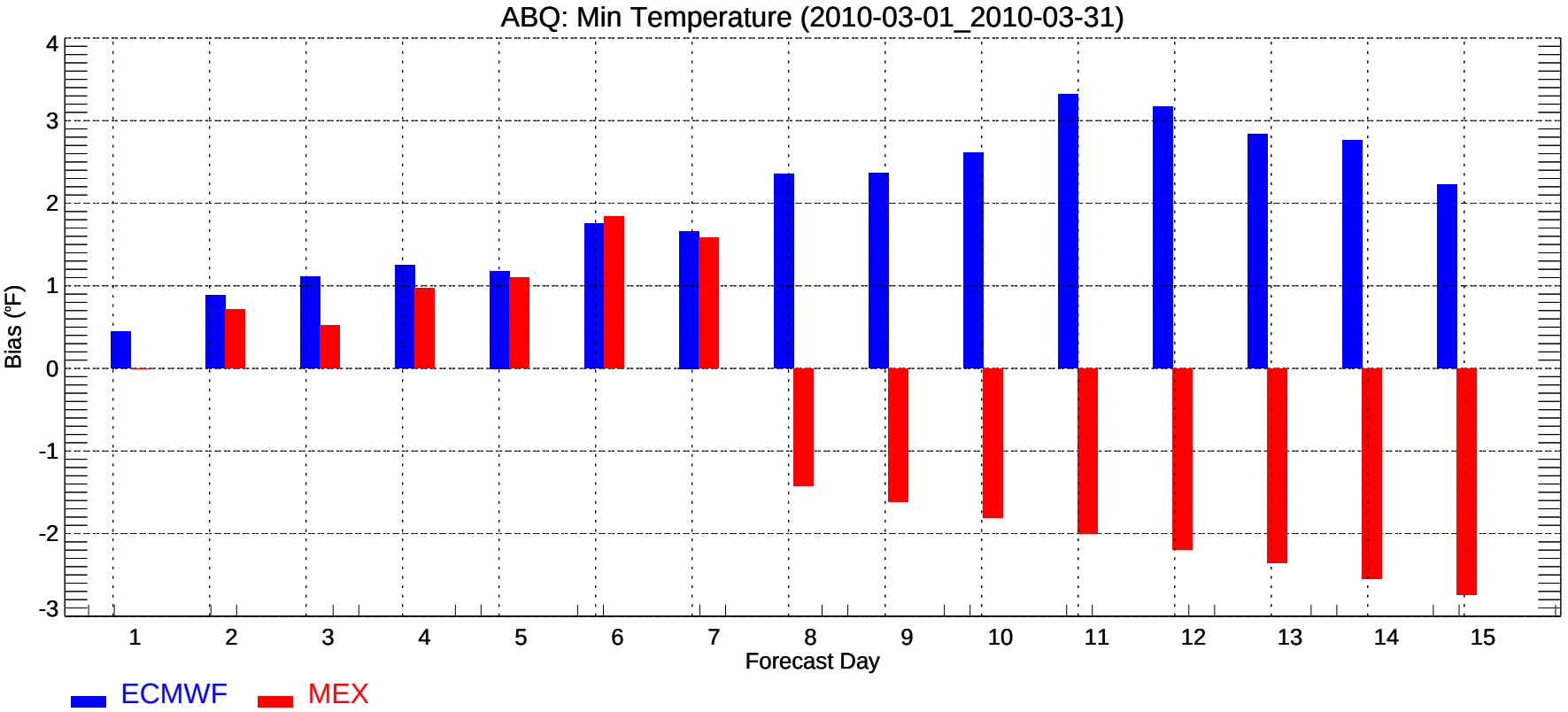

ABI: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

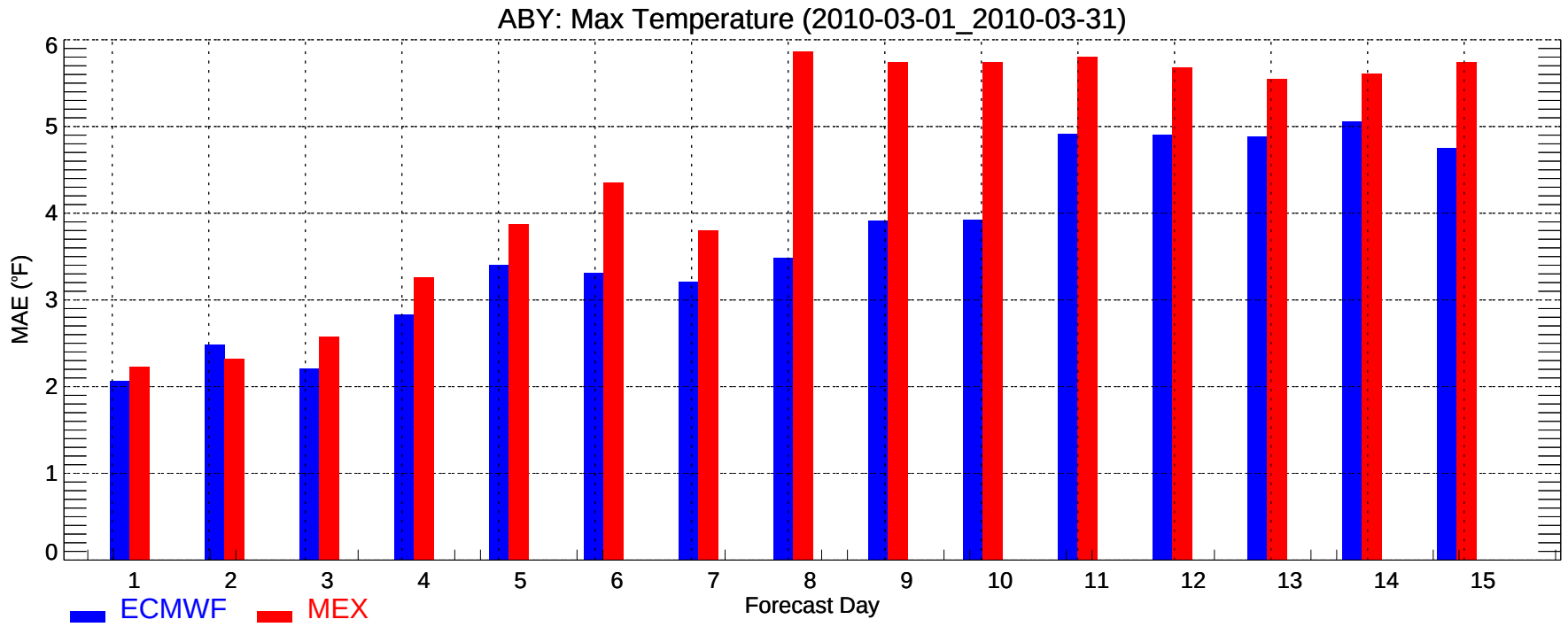

ABI: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

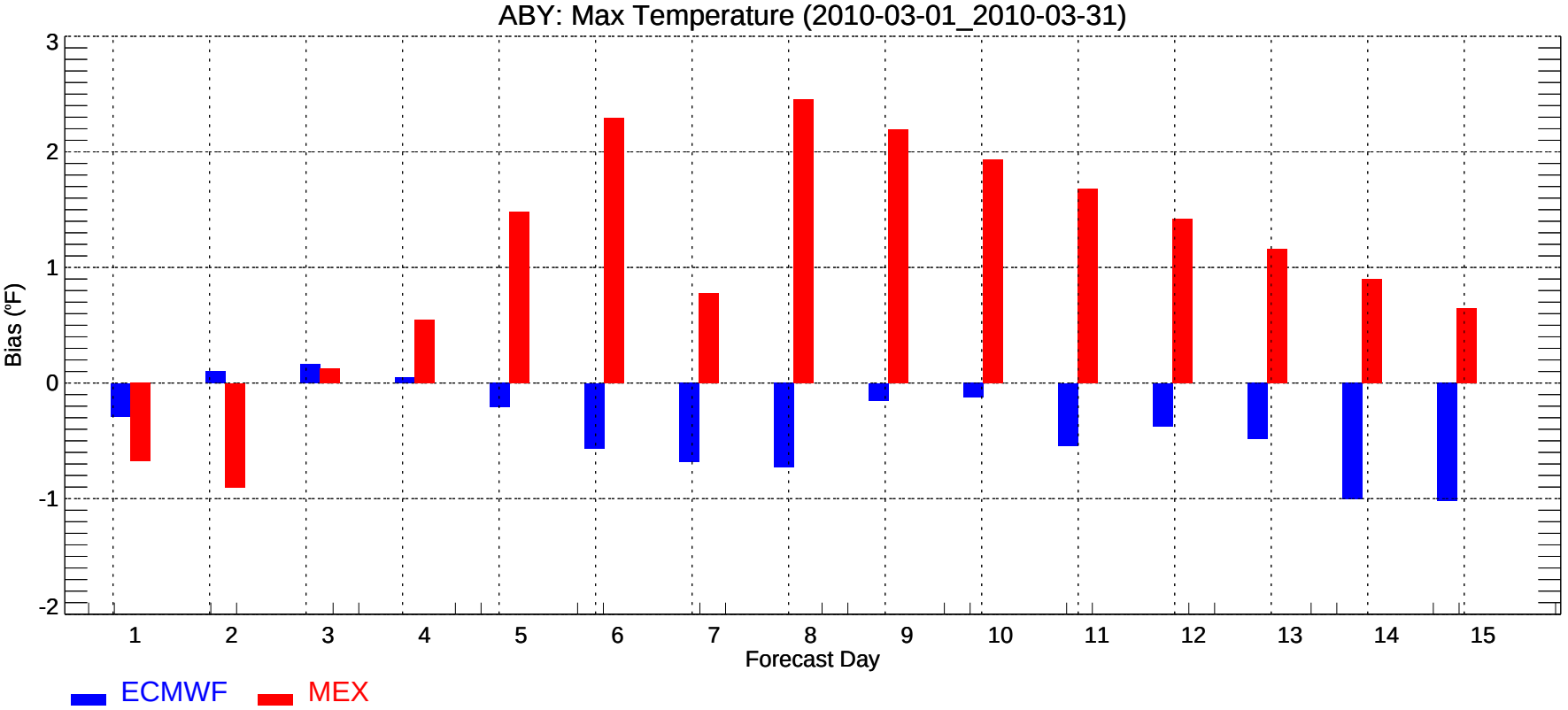

ABQ: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

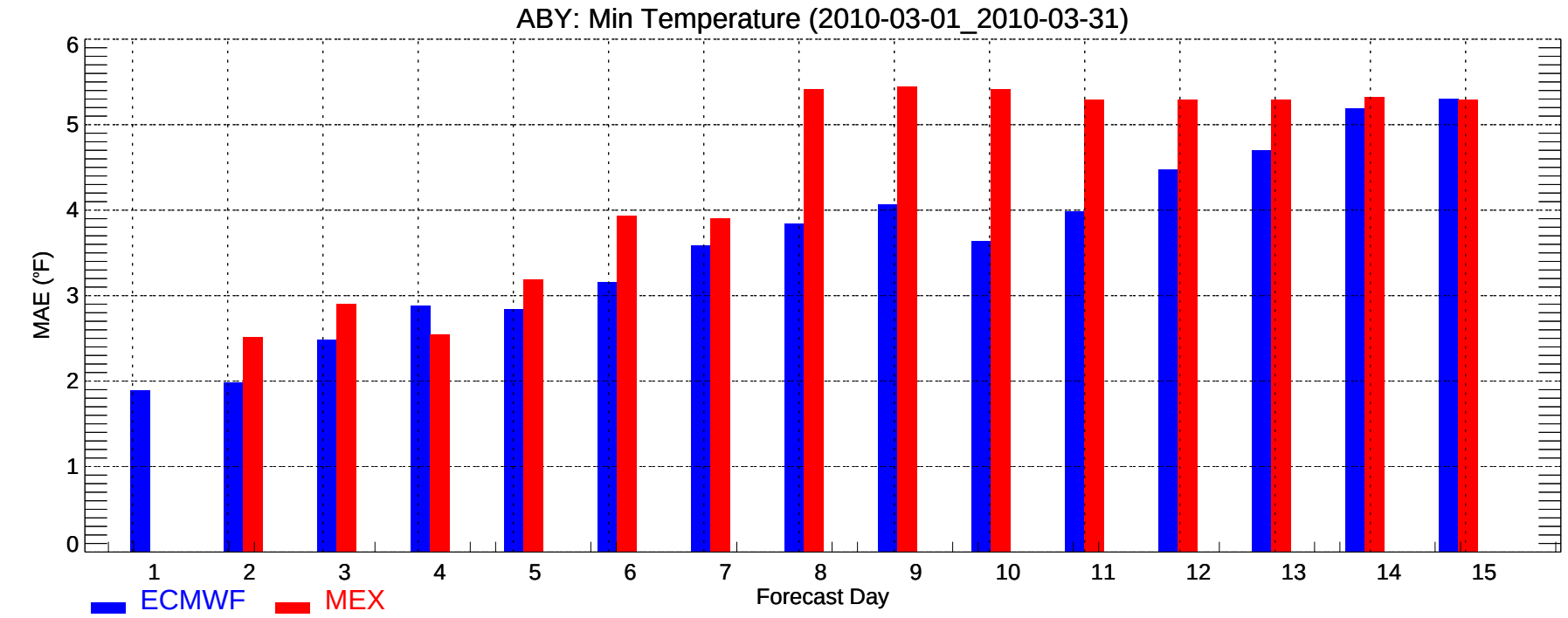

ABQ: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

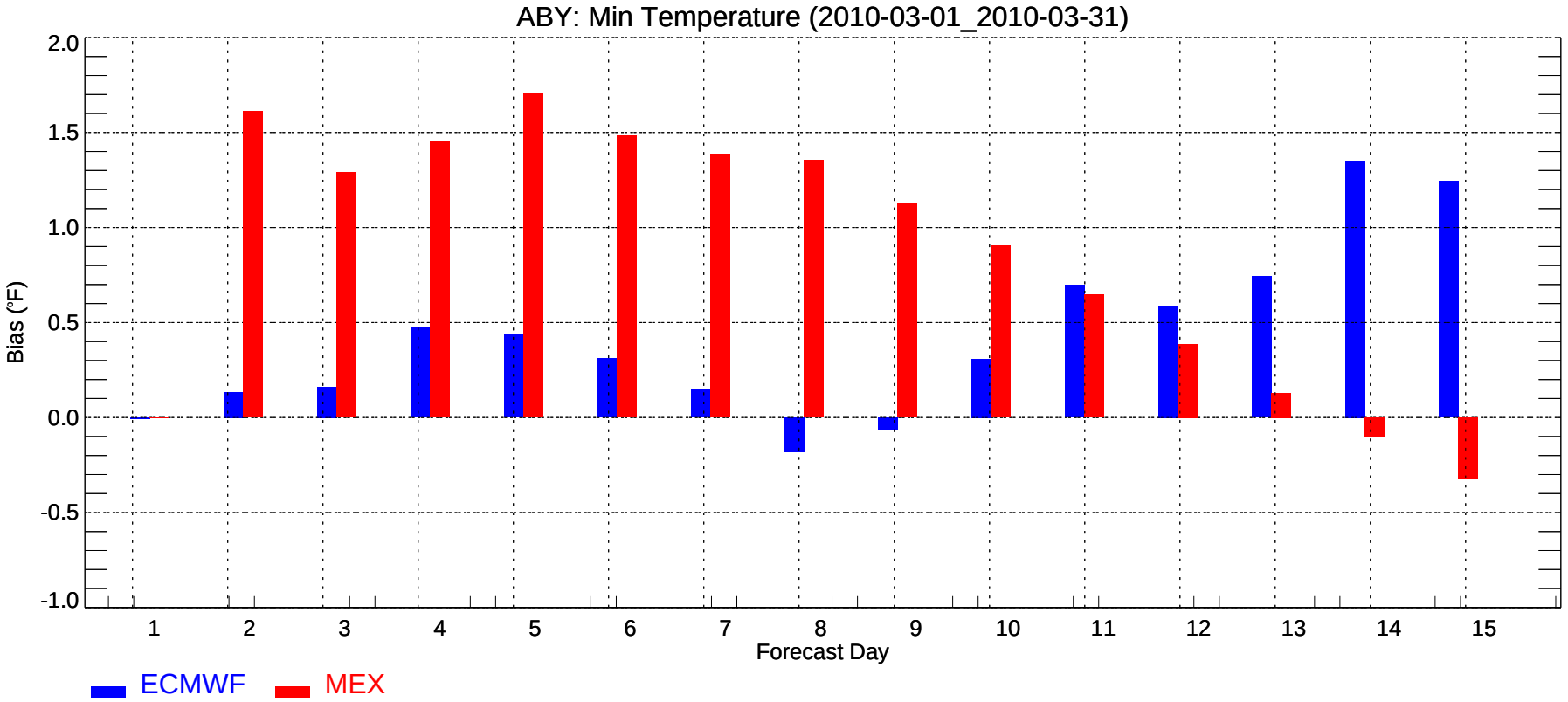

ABQ: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

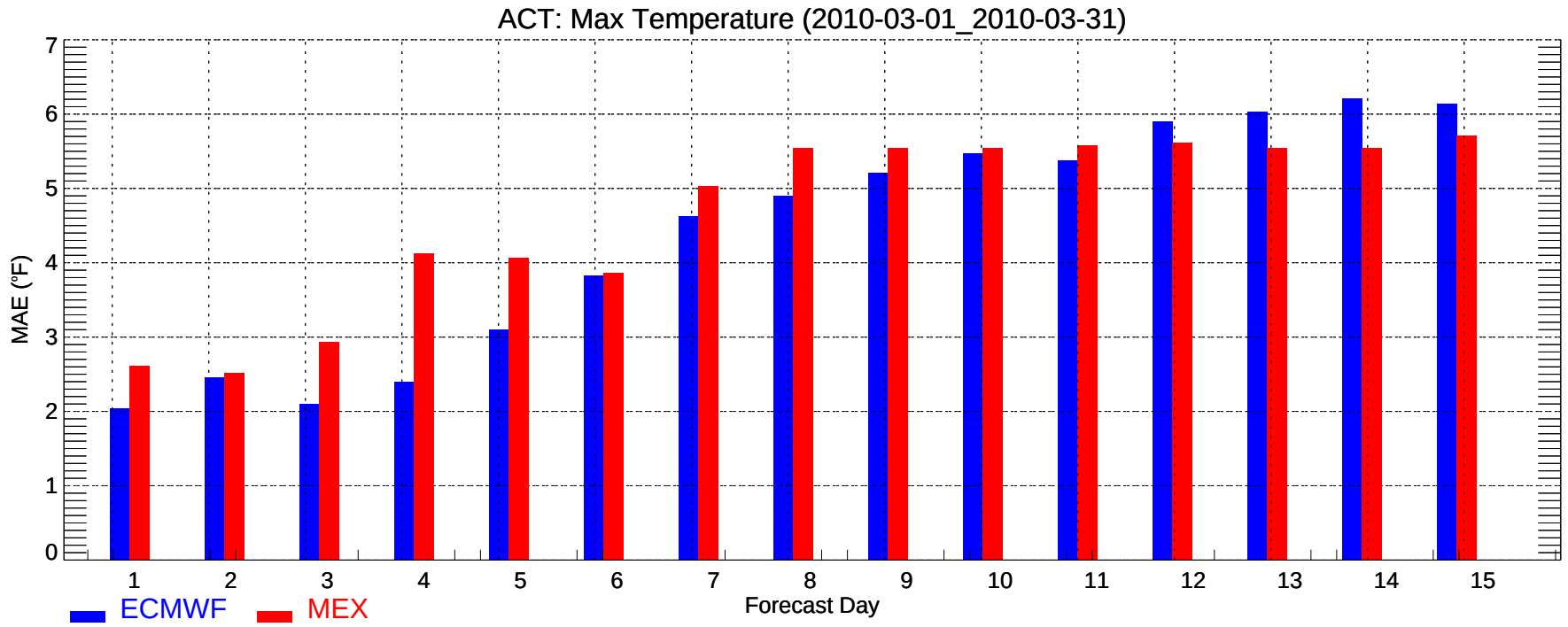

ABQ: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

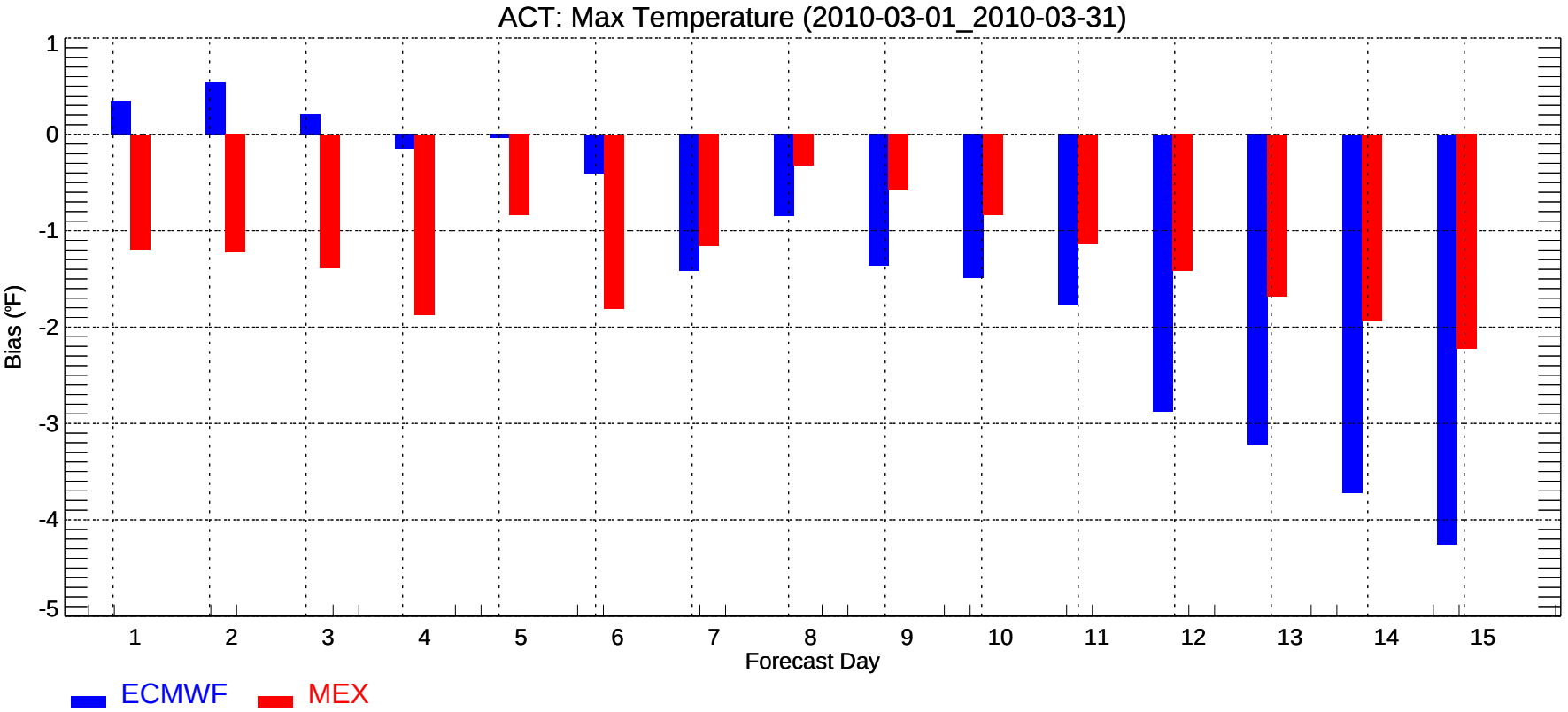

ABY: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

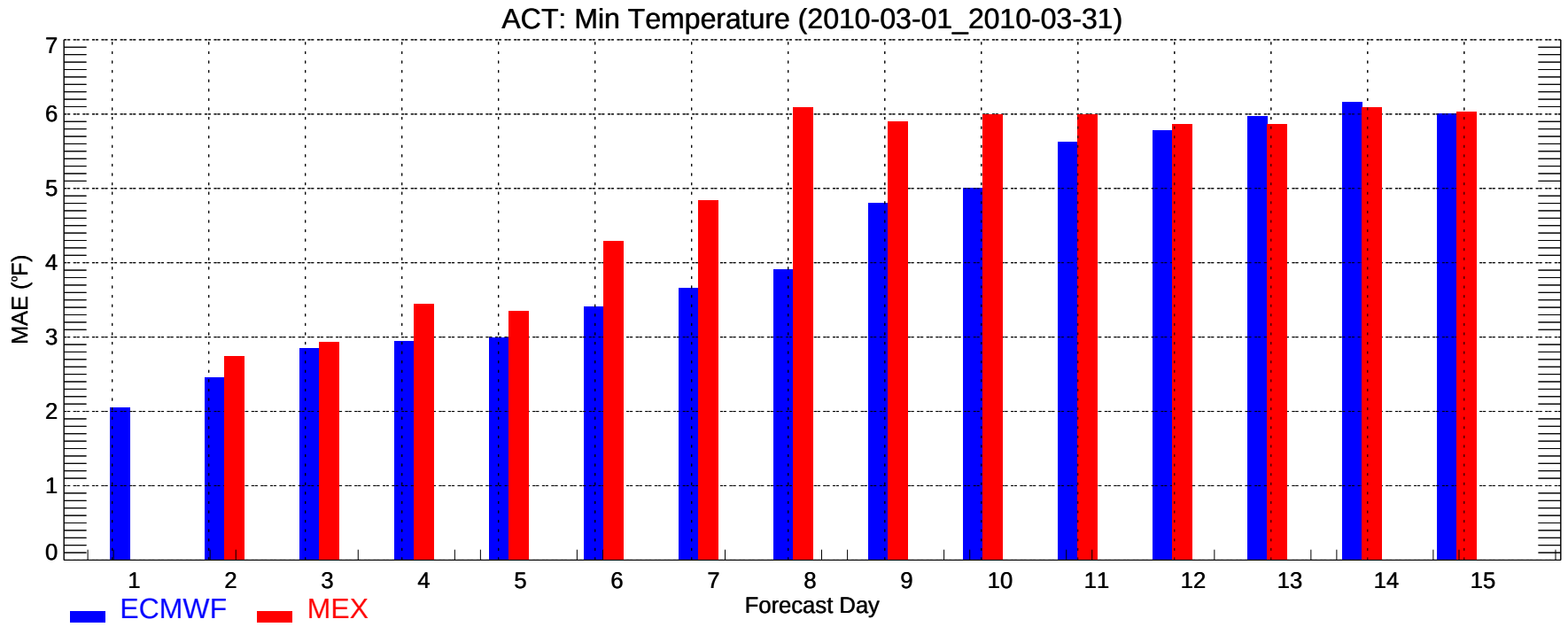

ABY: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

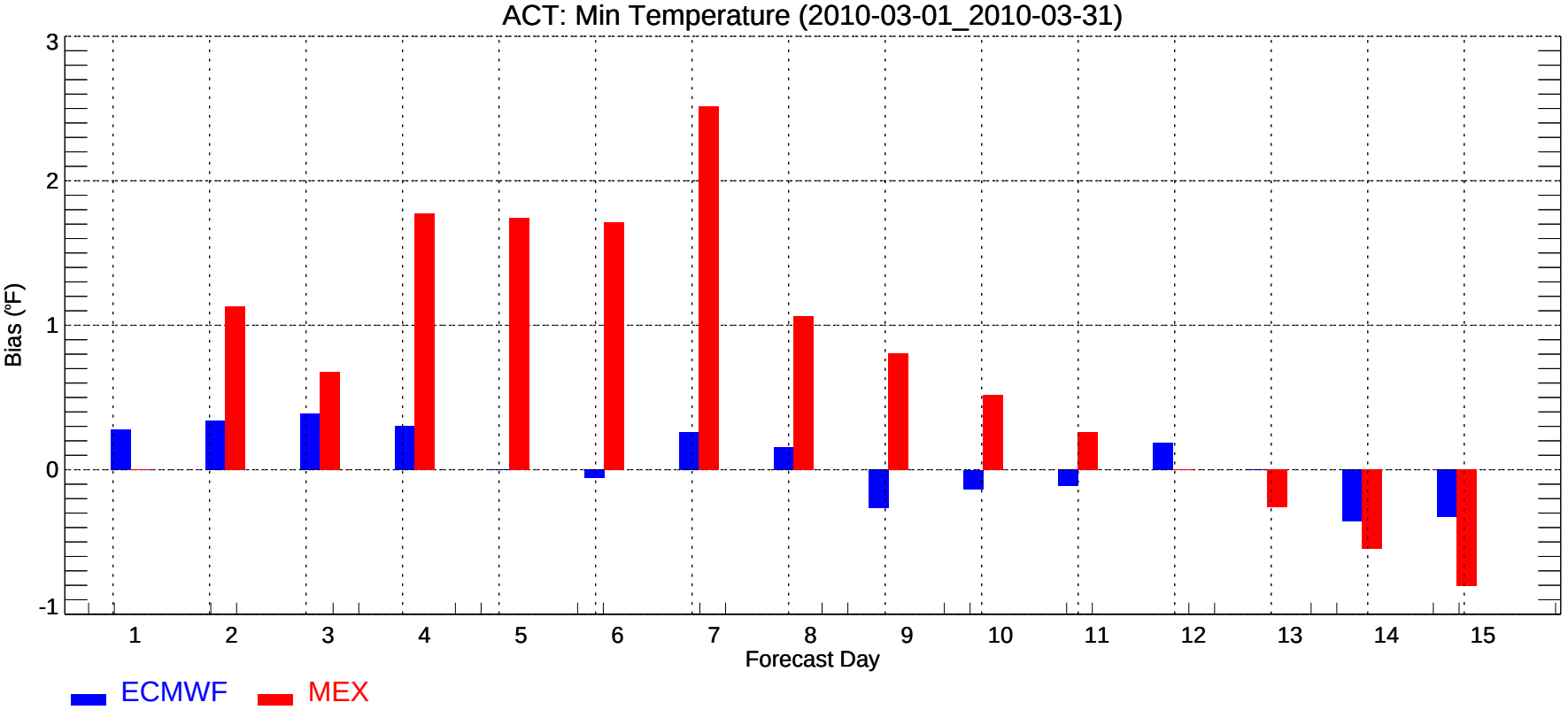

ABY: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

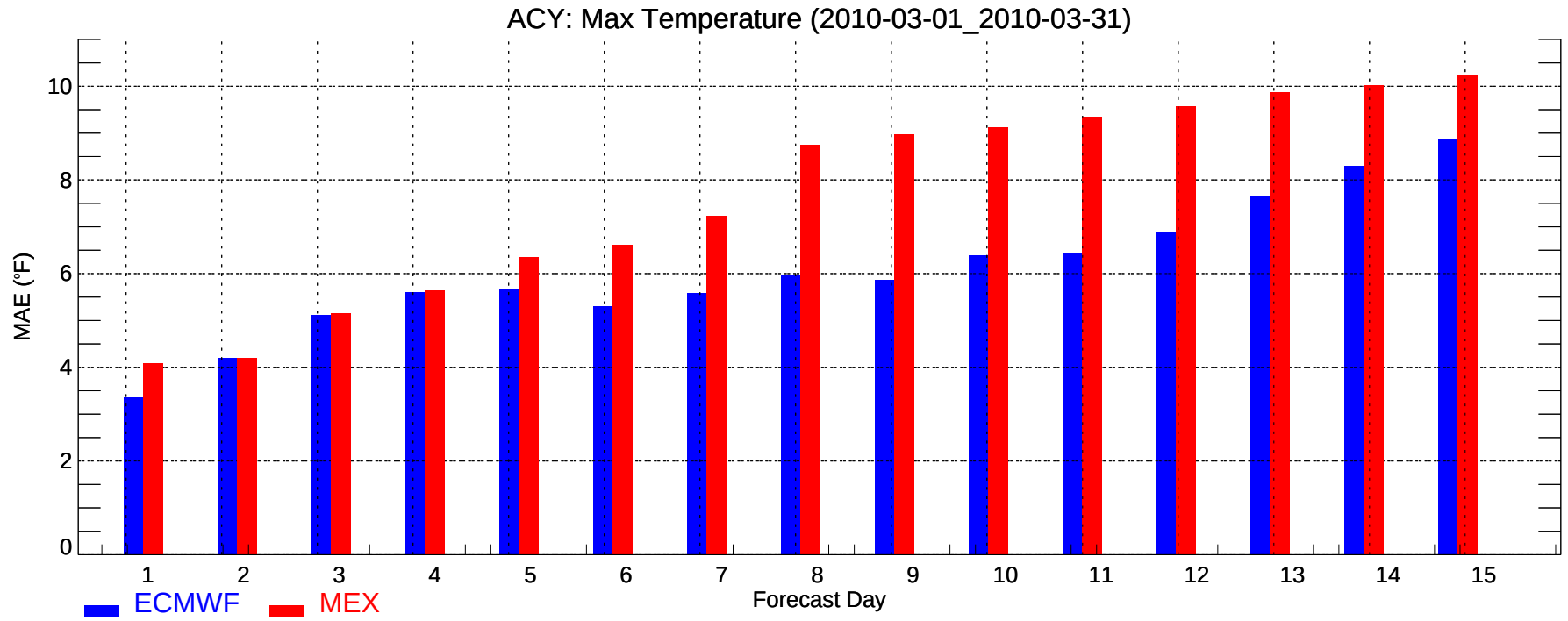

ABY: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

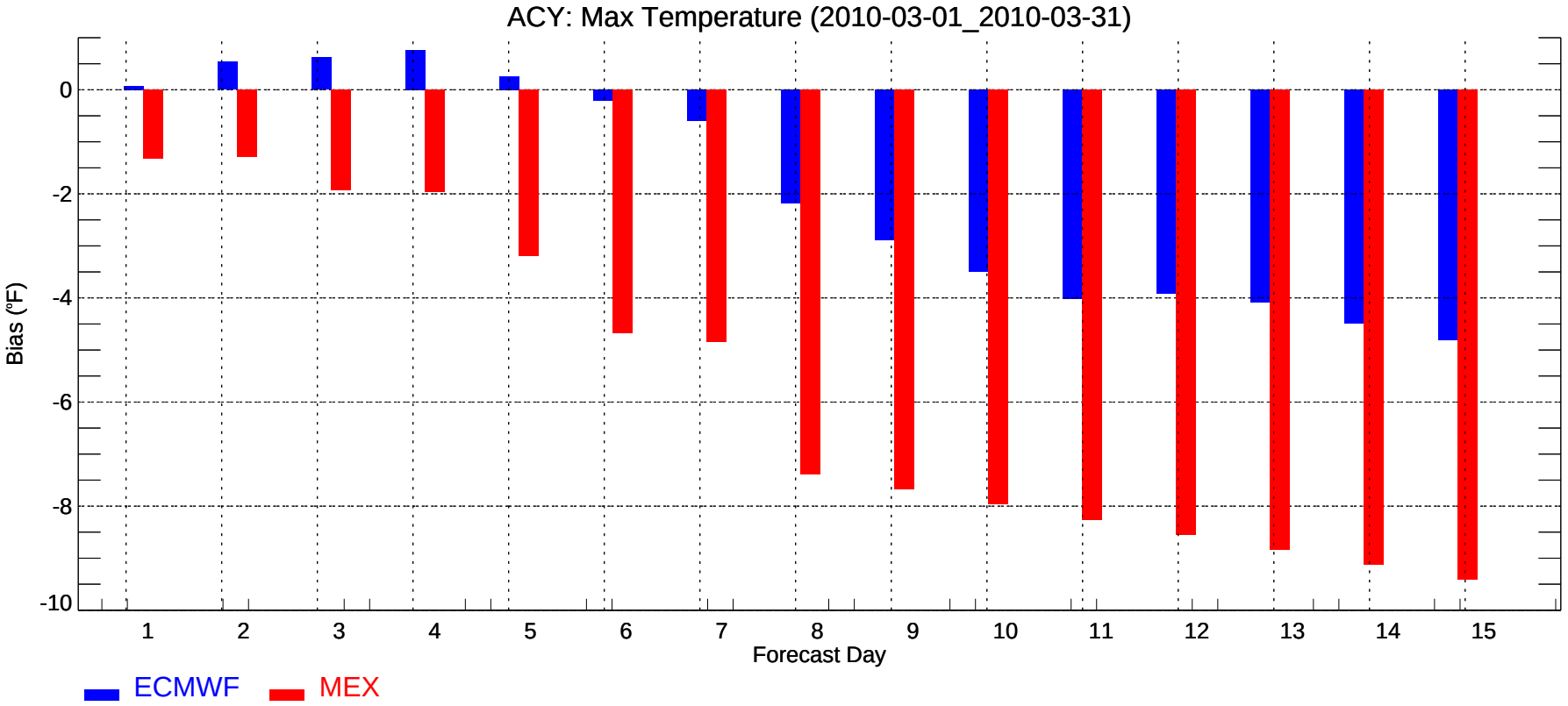

ACT: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

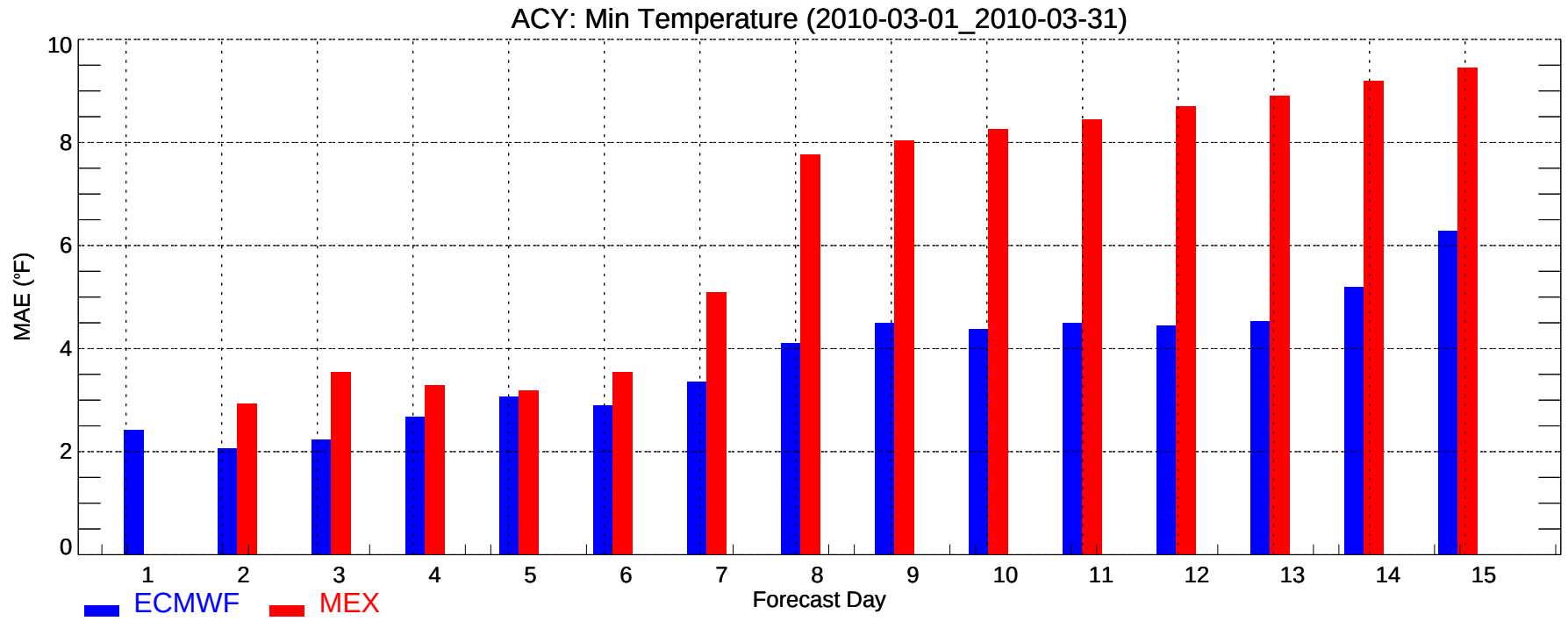

ACT: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

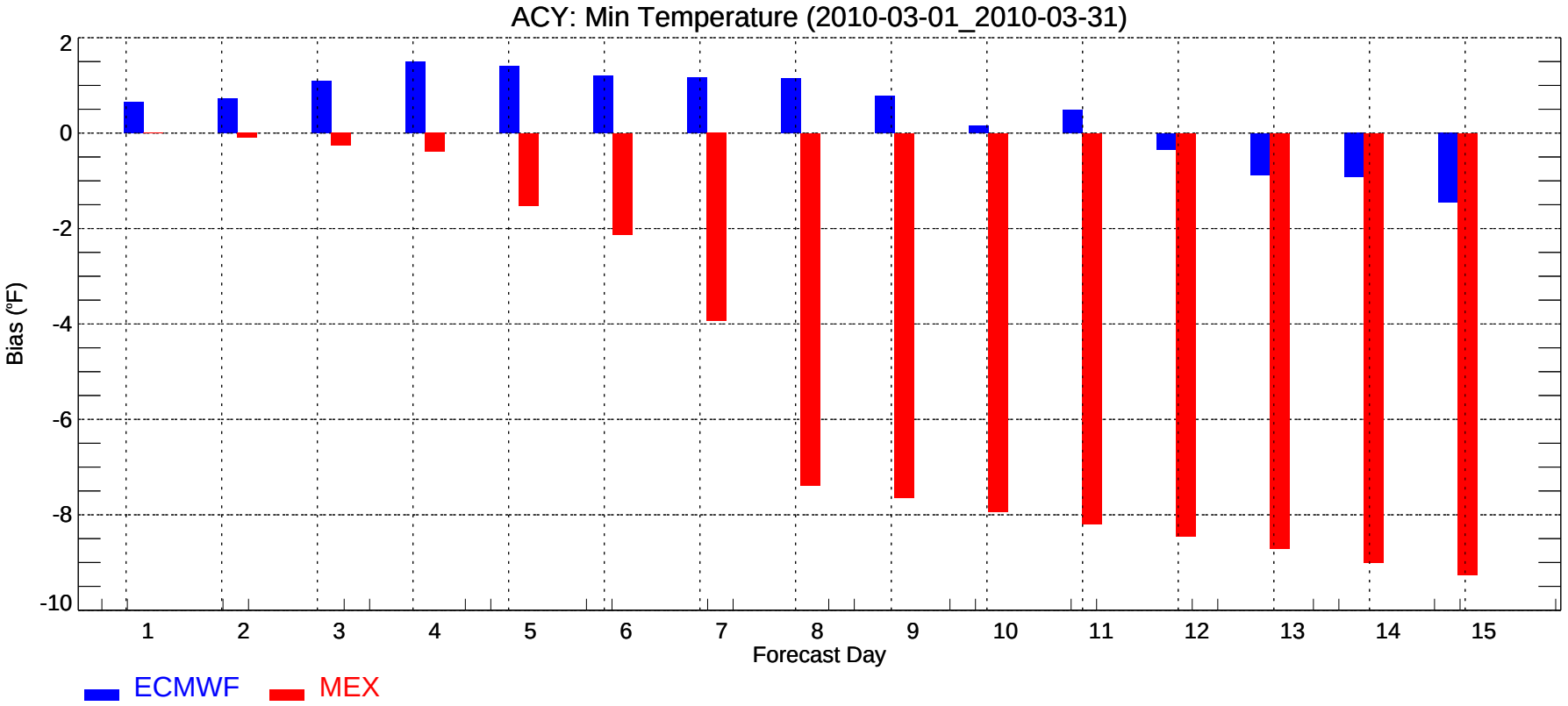

ACT: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

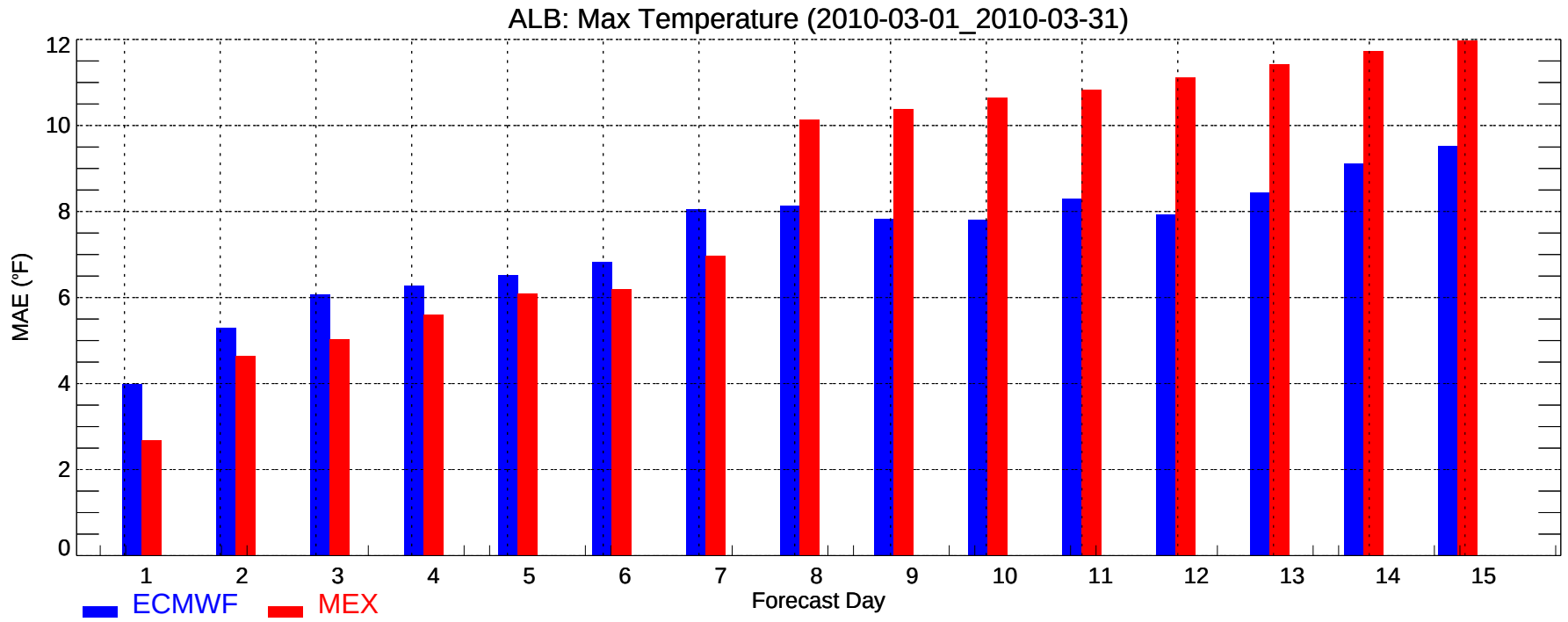

ACT: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

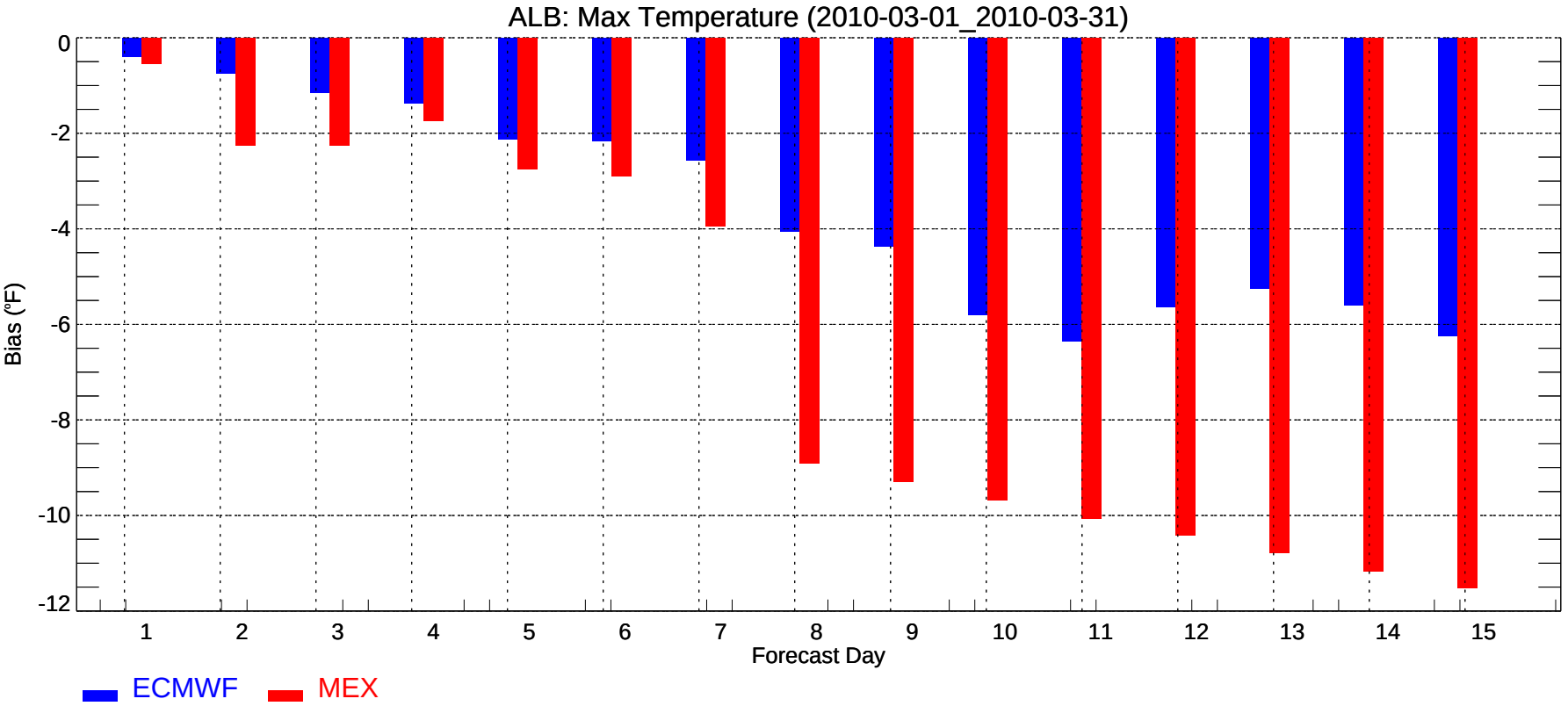

ACY: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

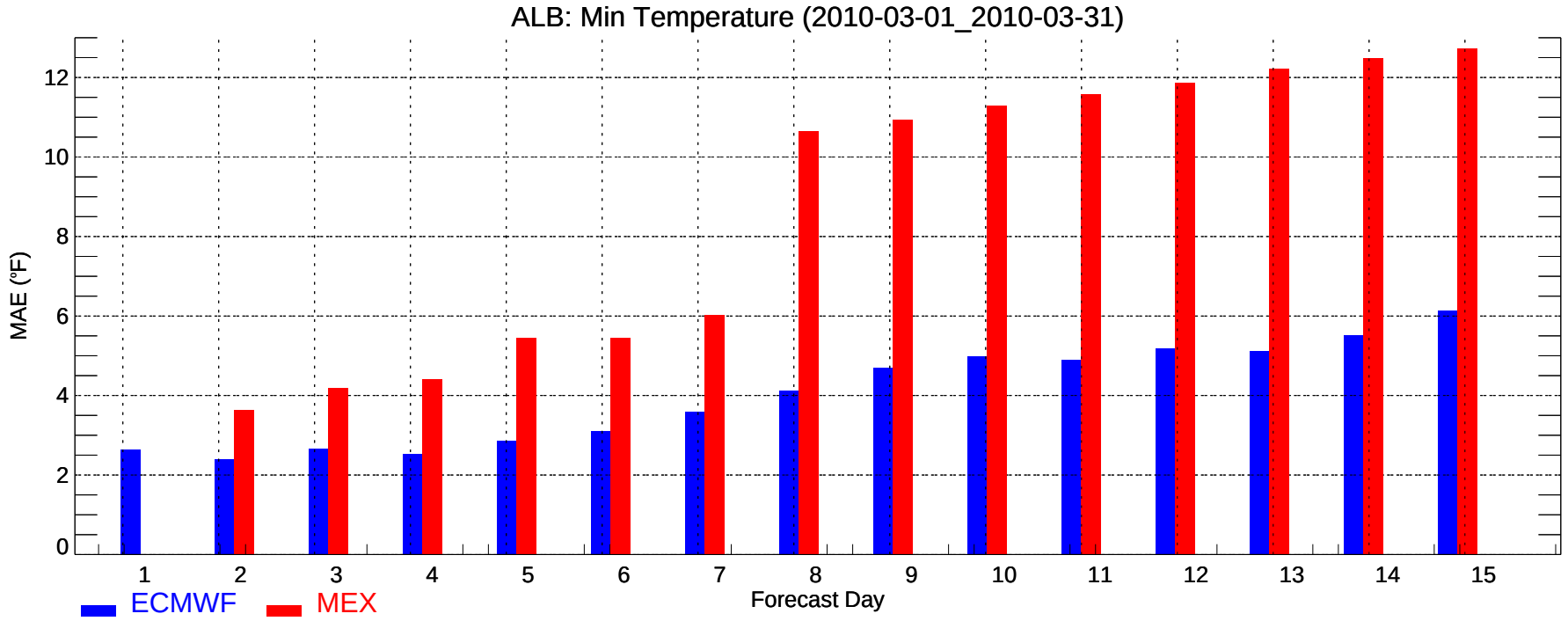

ACY: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

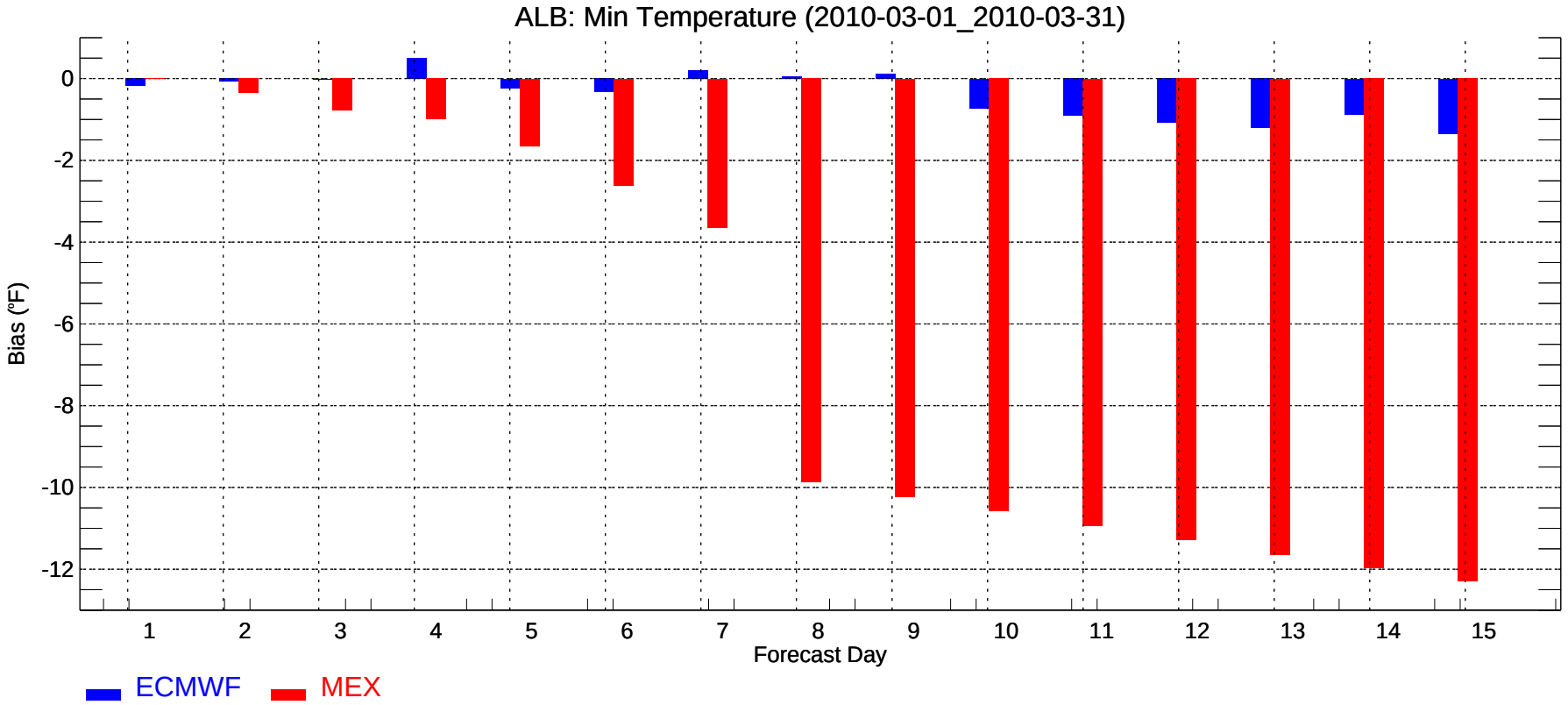

ACY: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

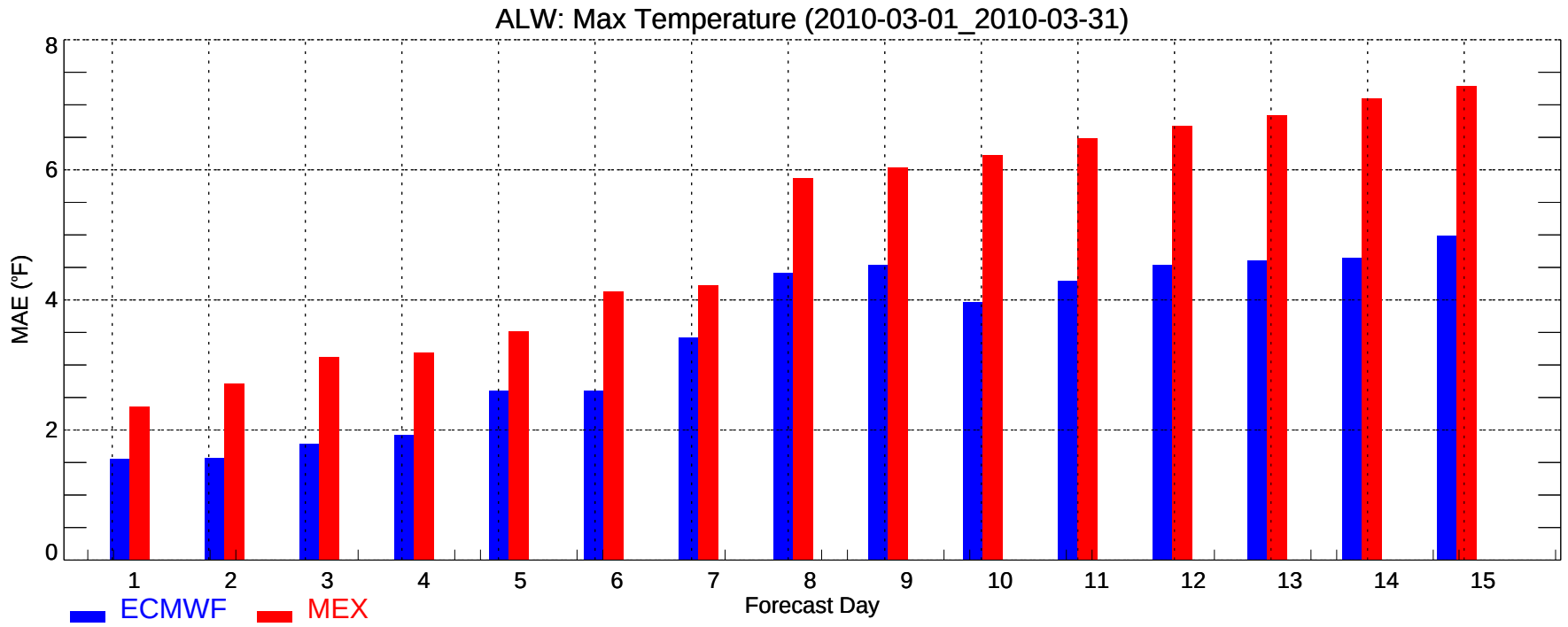

ACY: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-10
-8
-6
-4
-2
0
2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

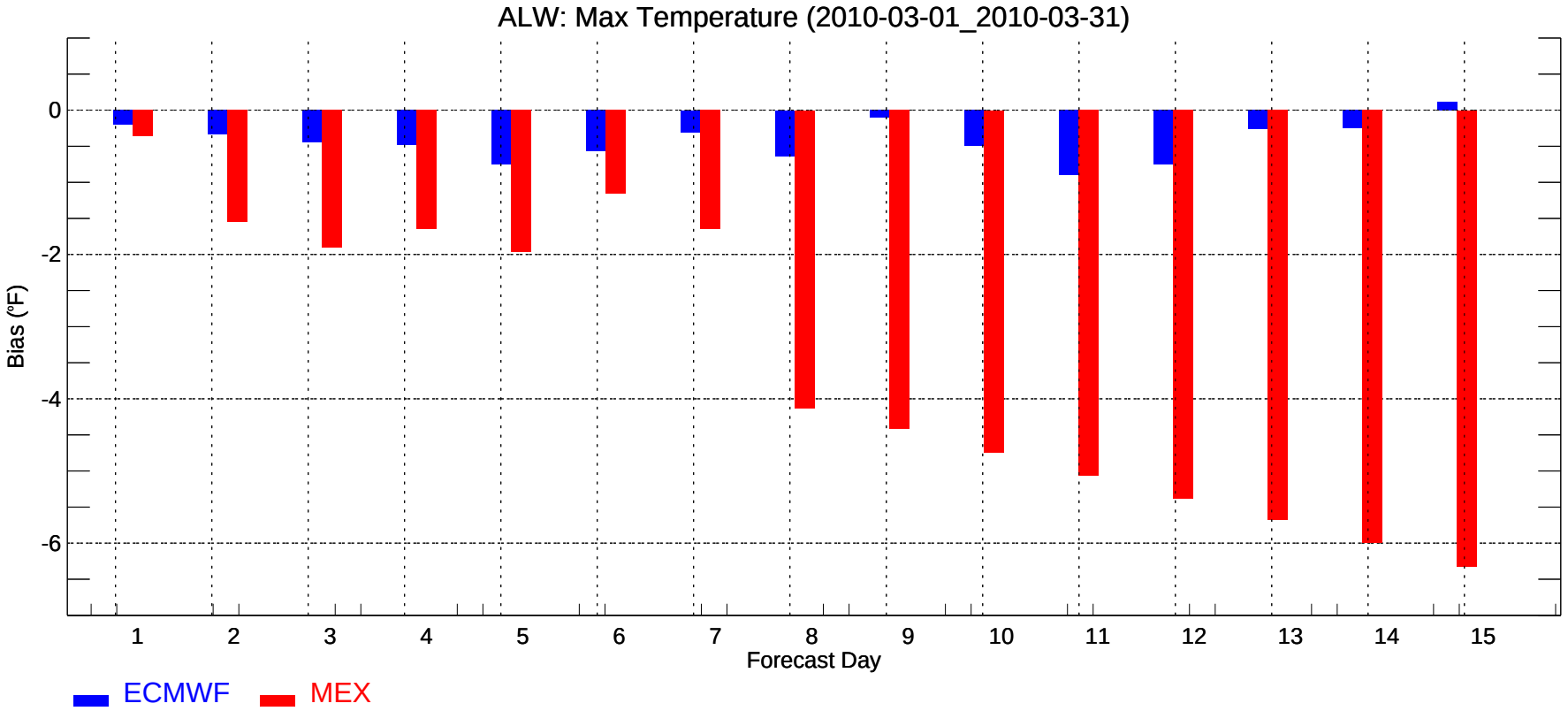

ALB: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

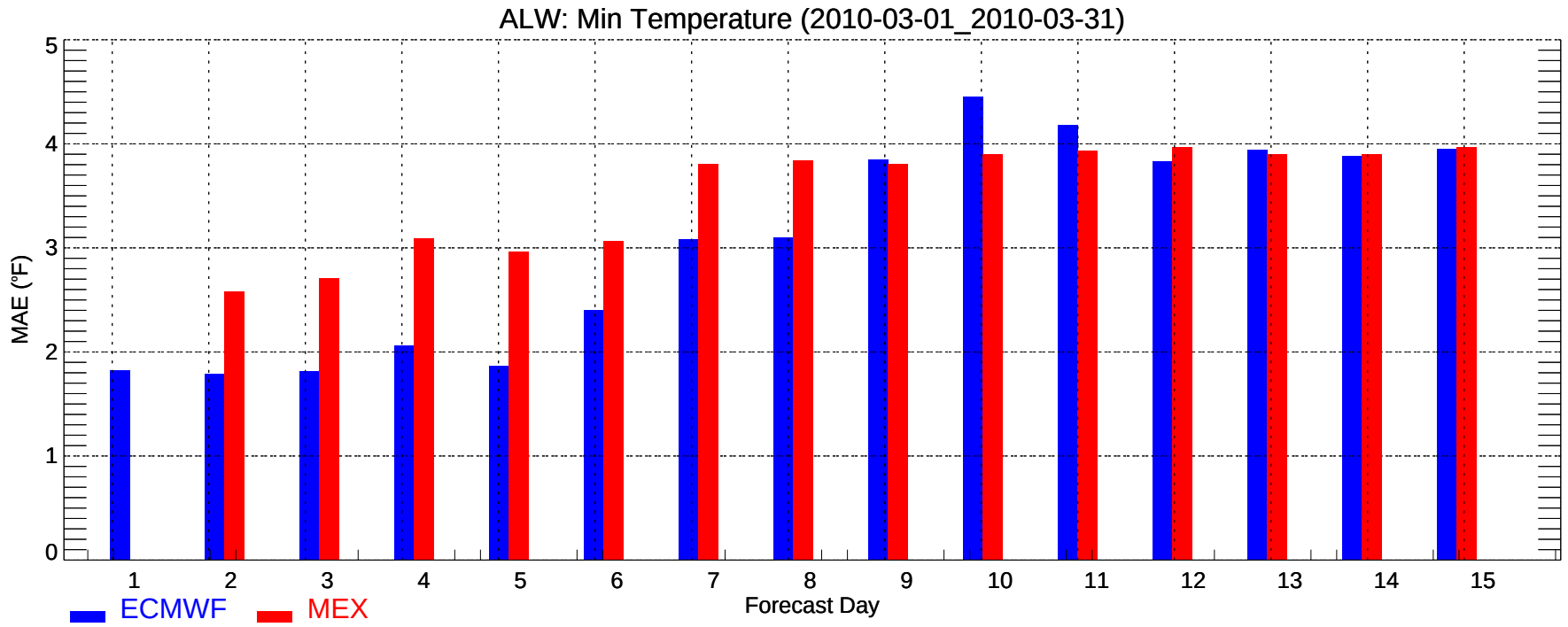

ALB: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

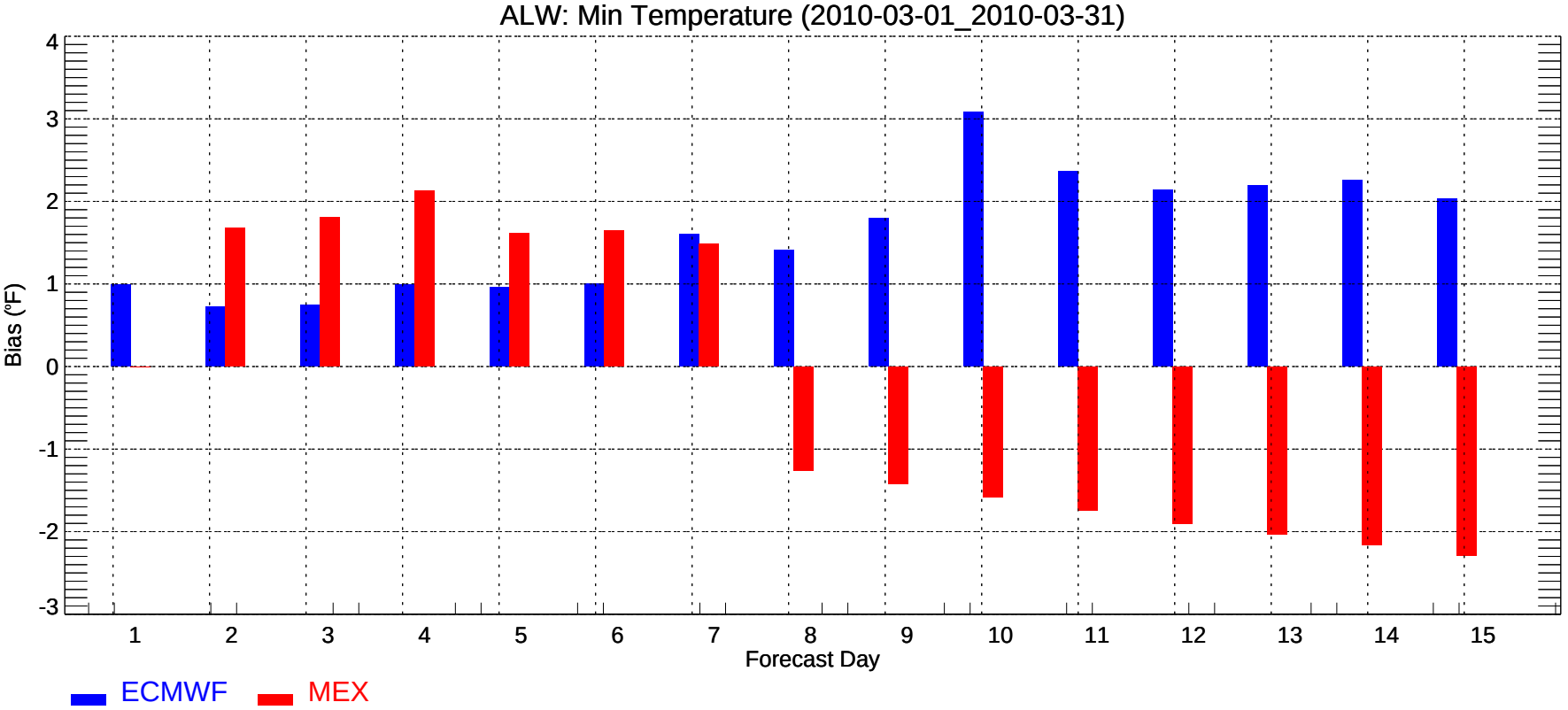

ALB: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

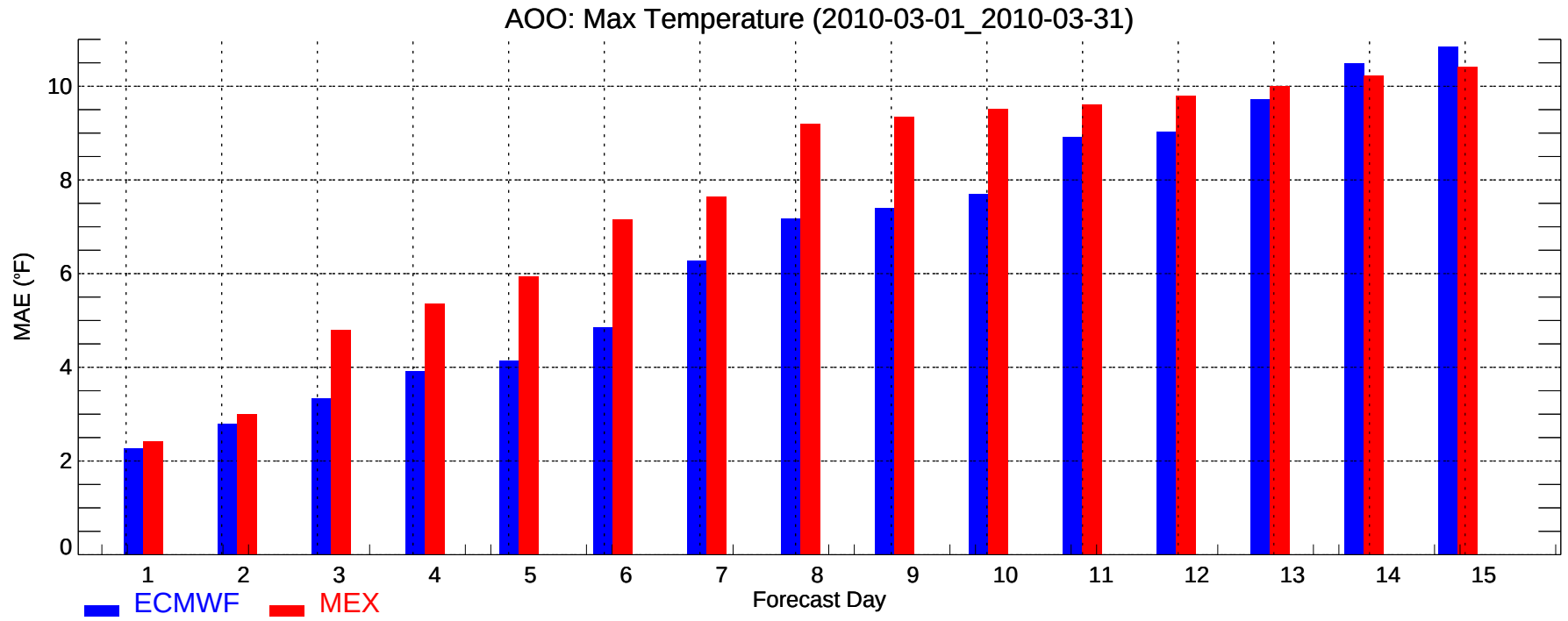

ALB: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

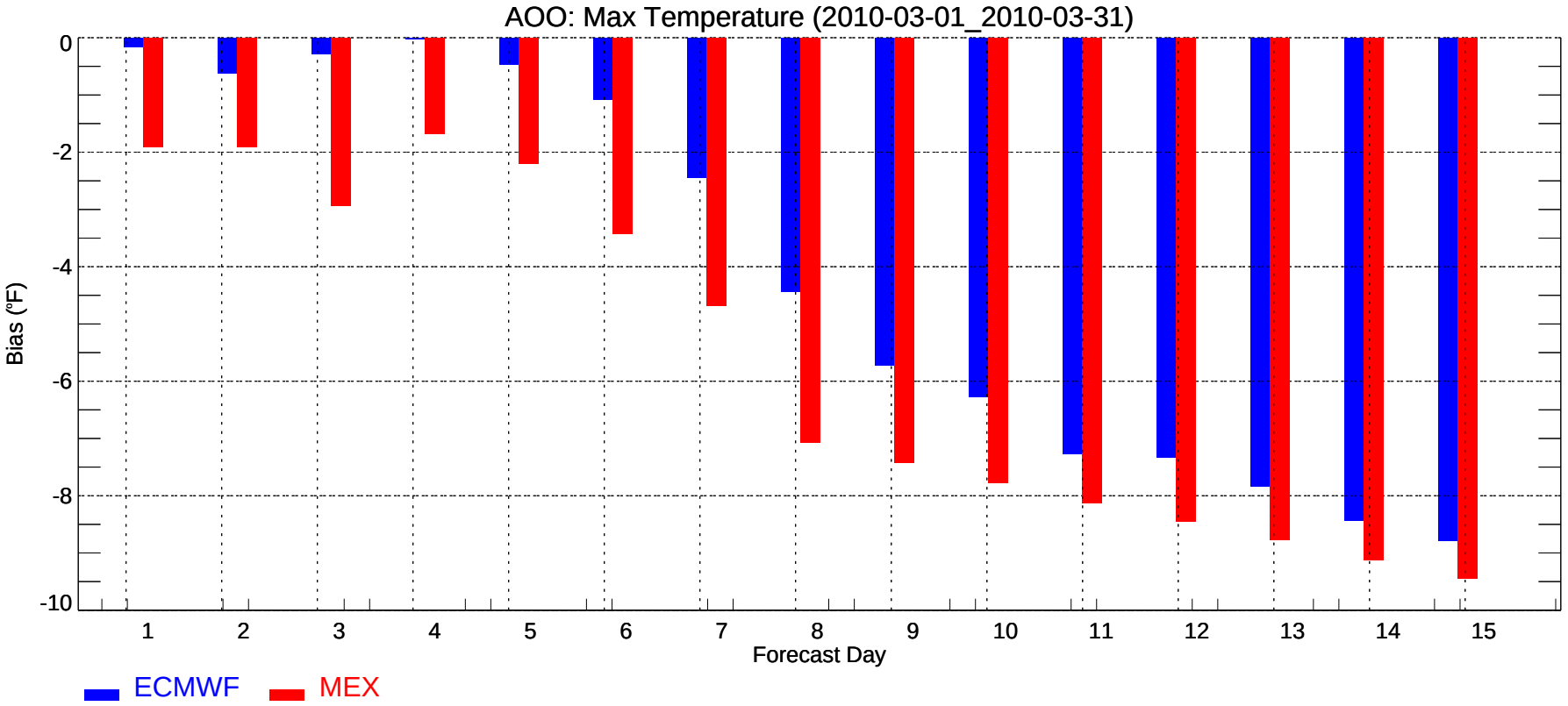

ALW: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

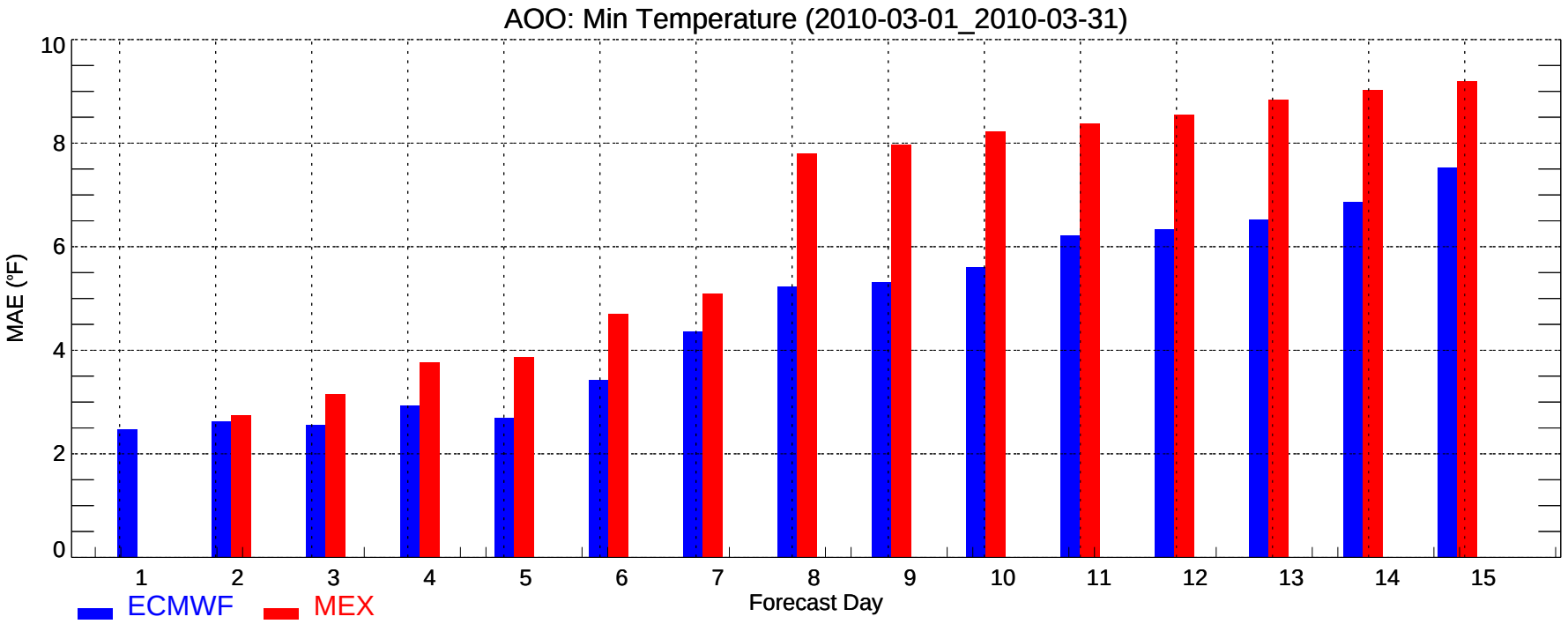

ALW: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

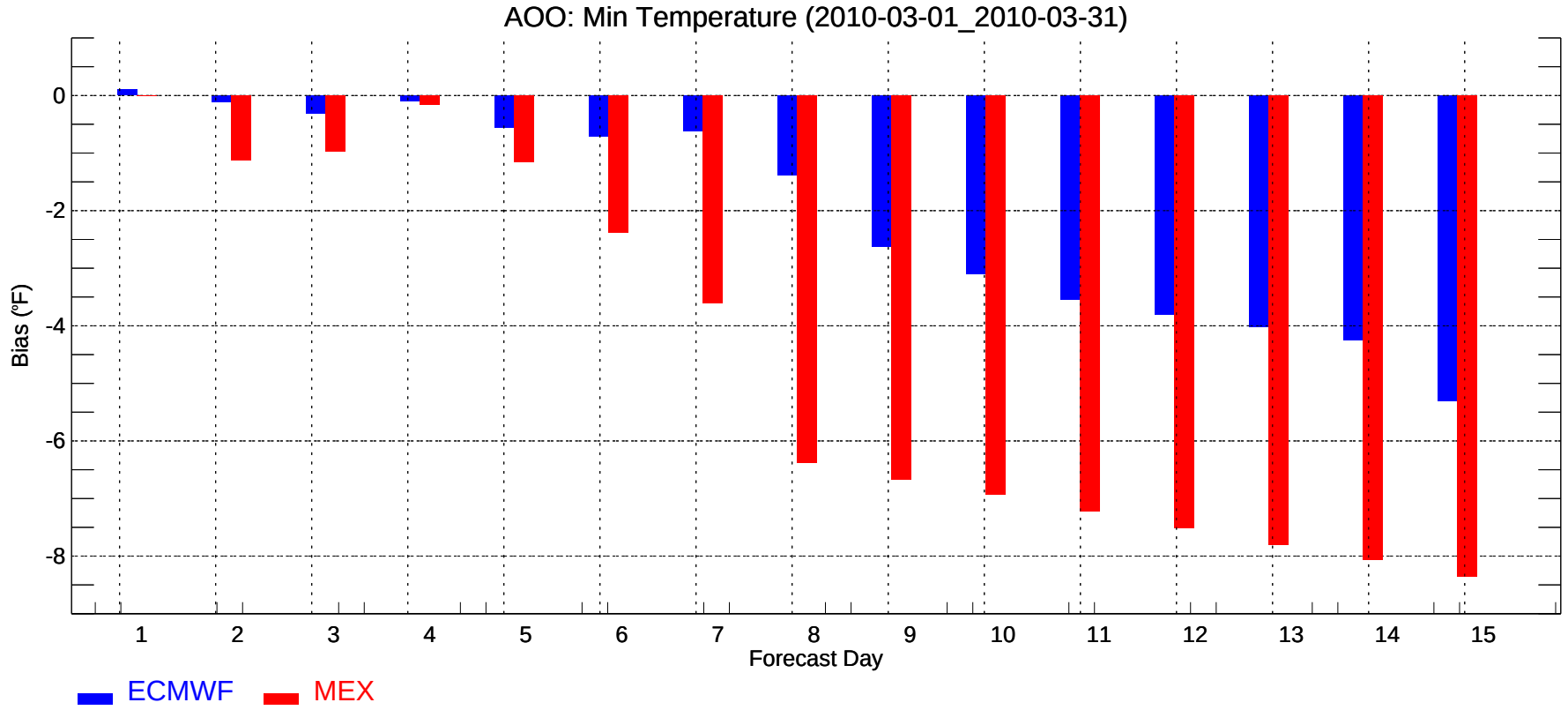

ALW: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

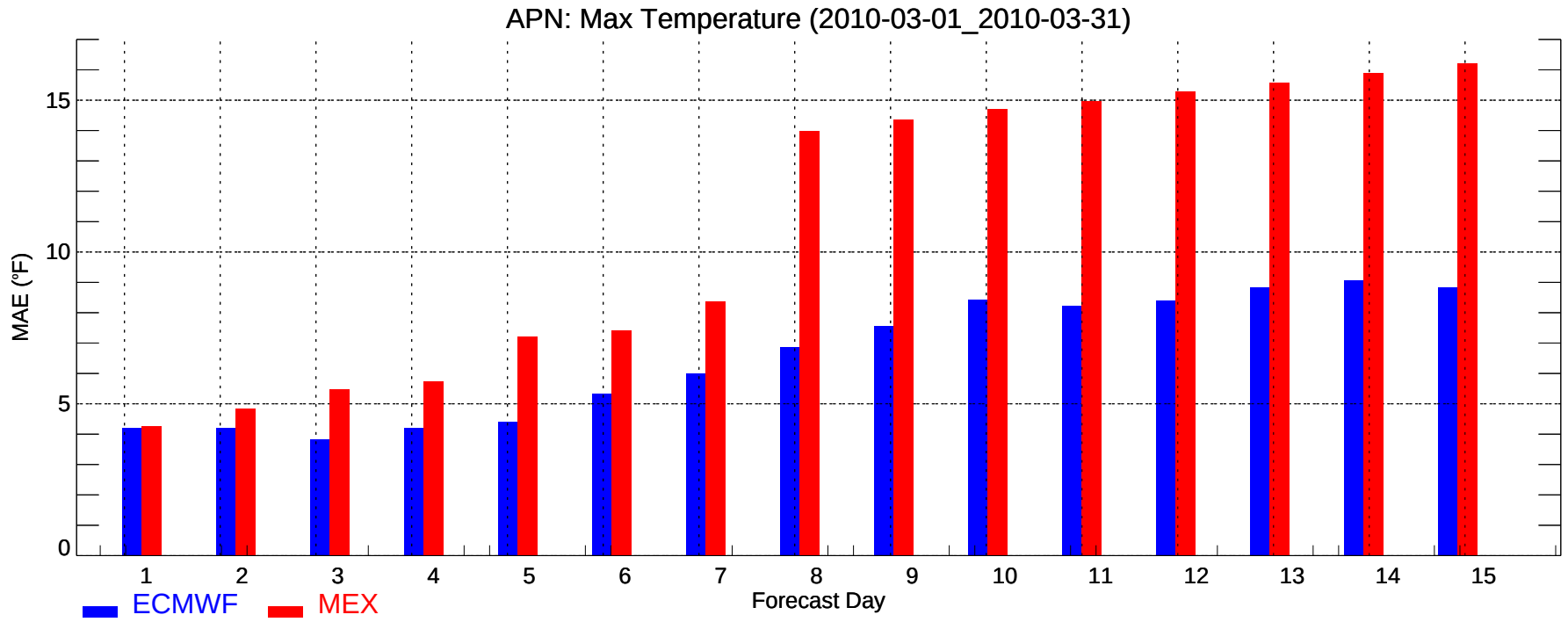

ALW: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

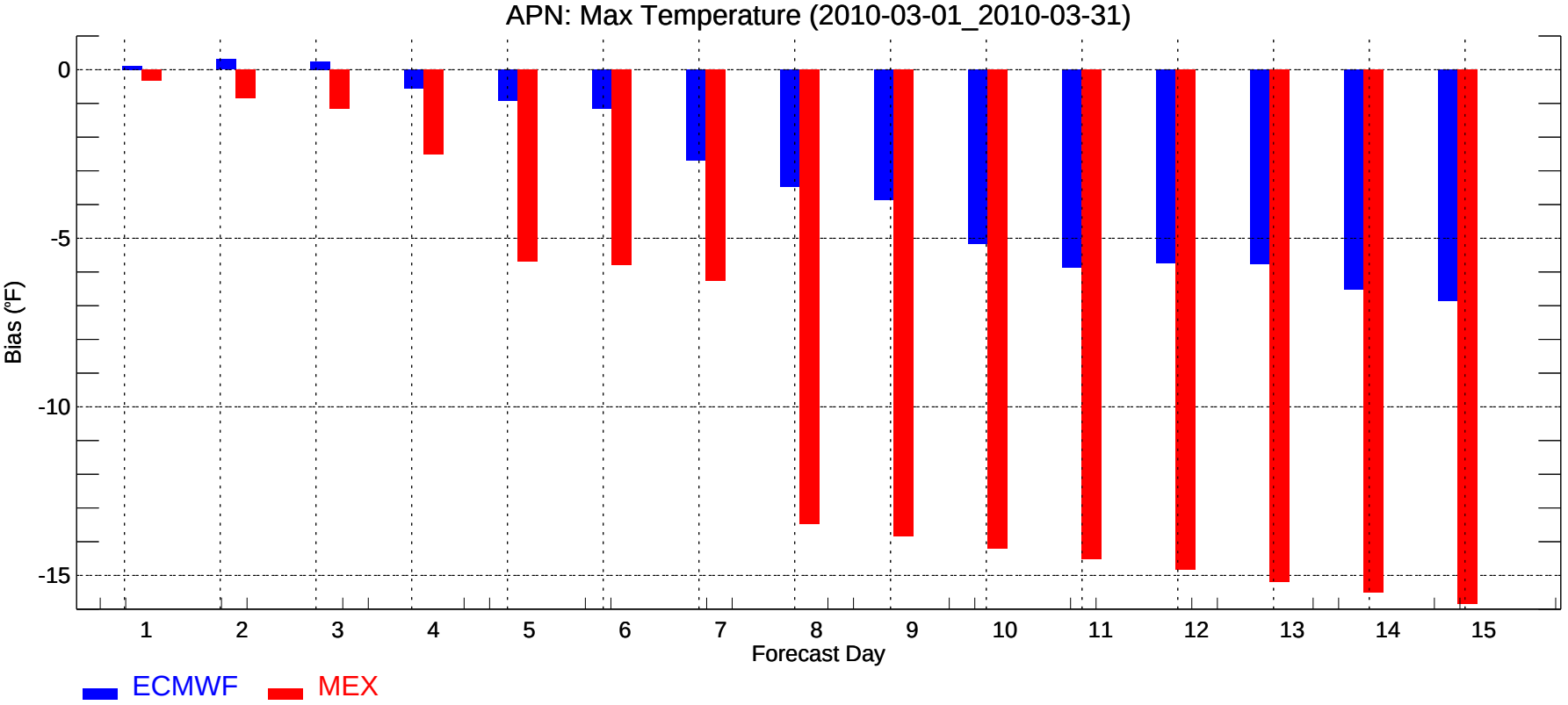

AOO: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

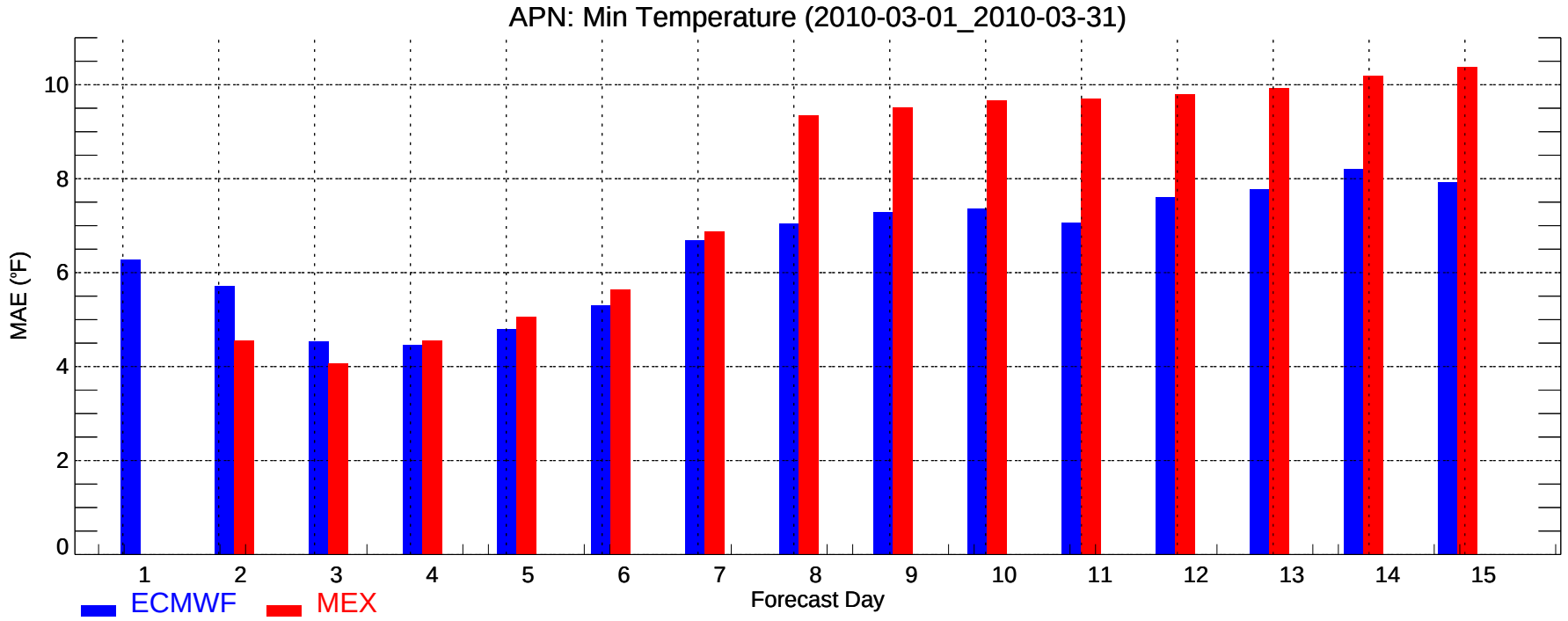

AOO: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

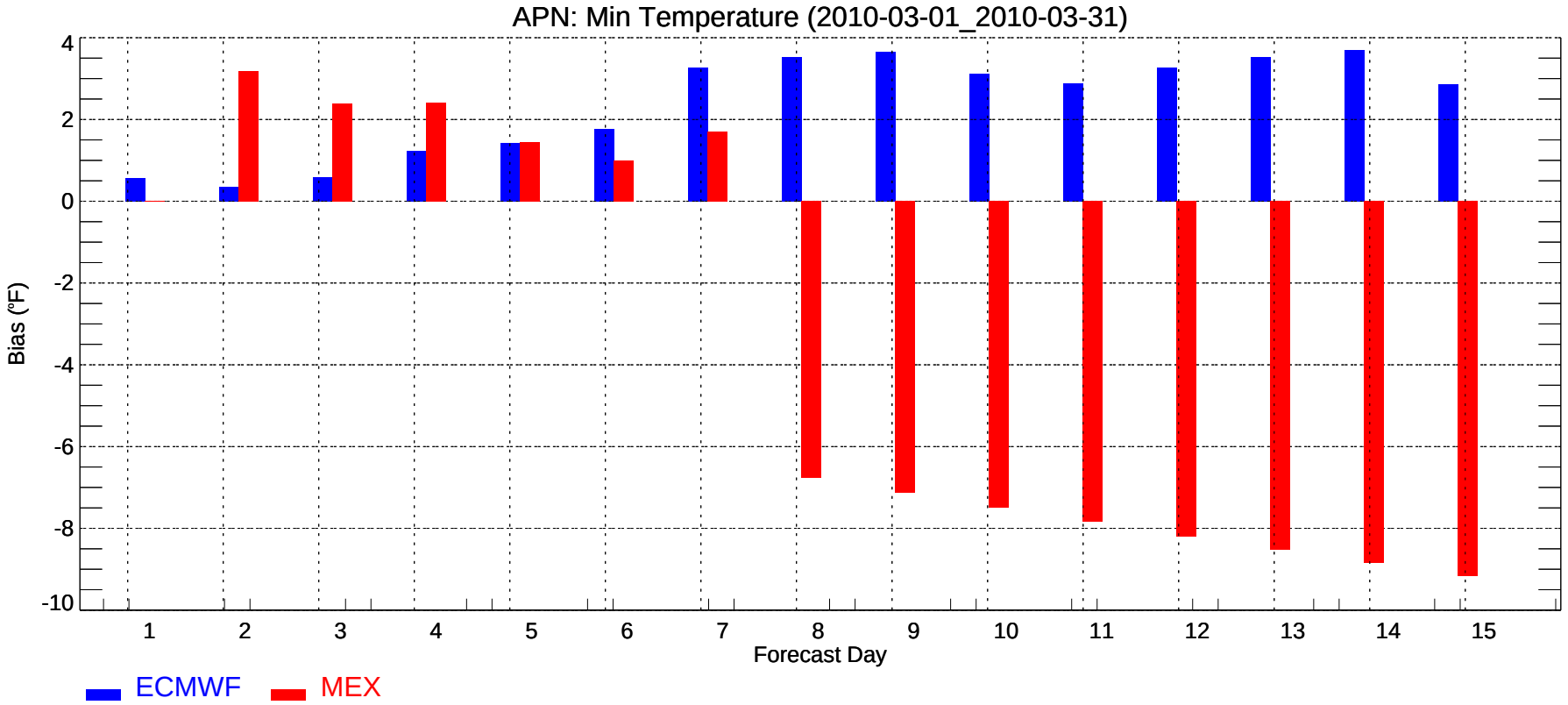

AOO: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
10
8
6
4
2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

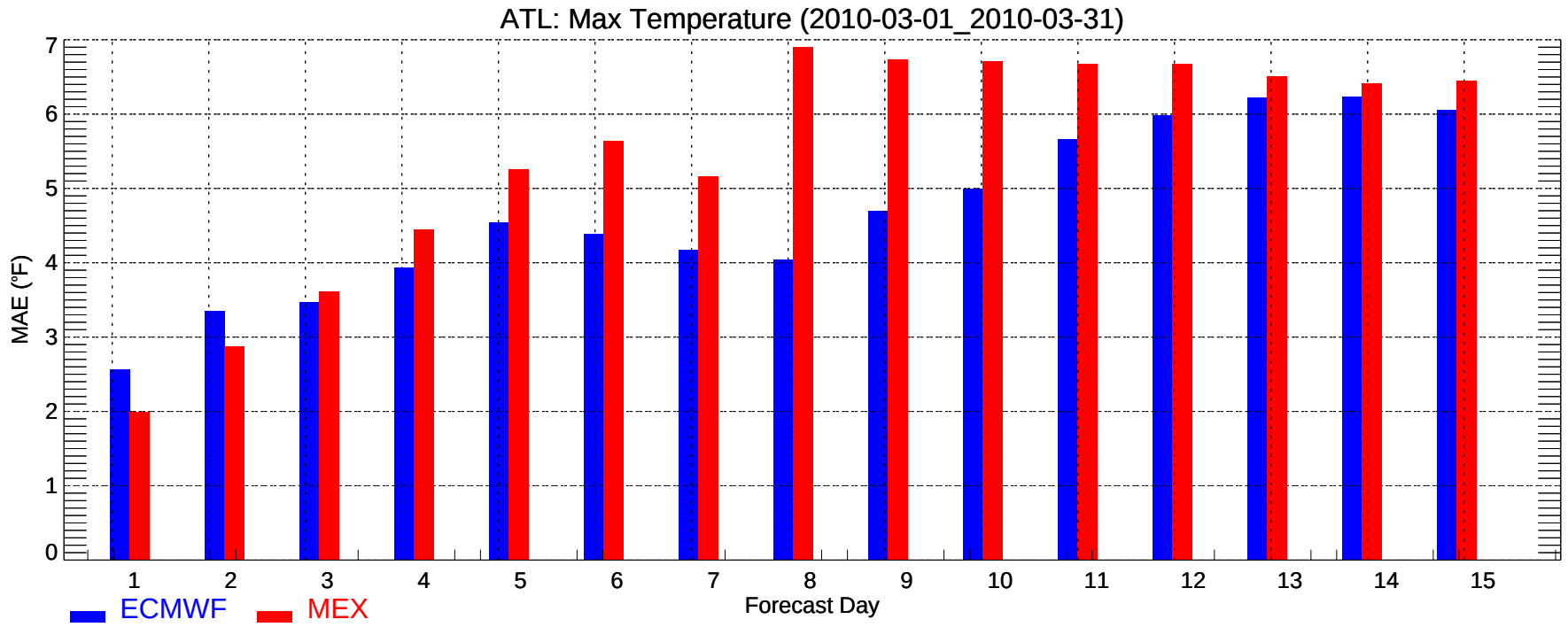

AOO: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

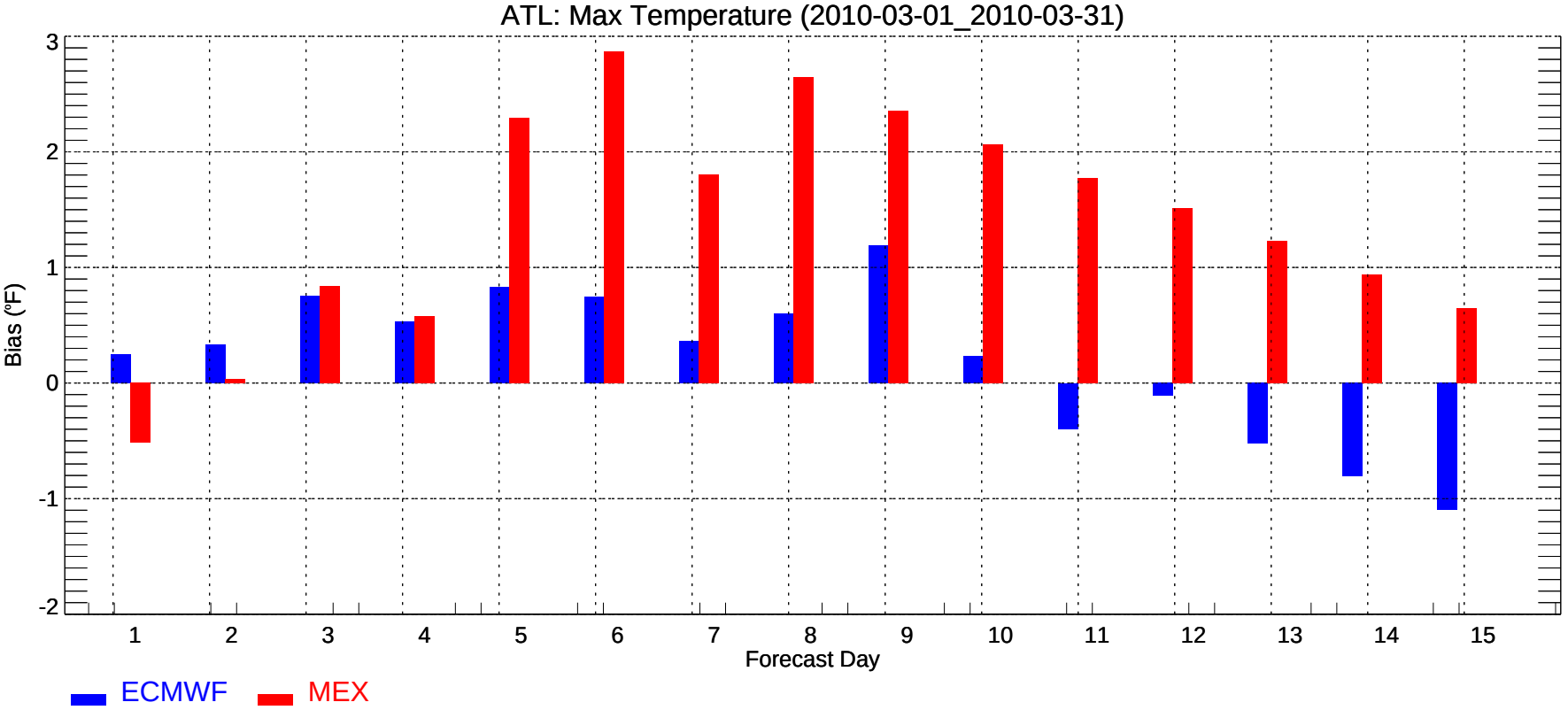

APN: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

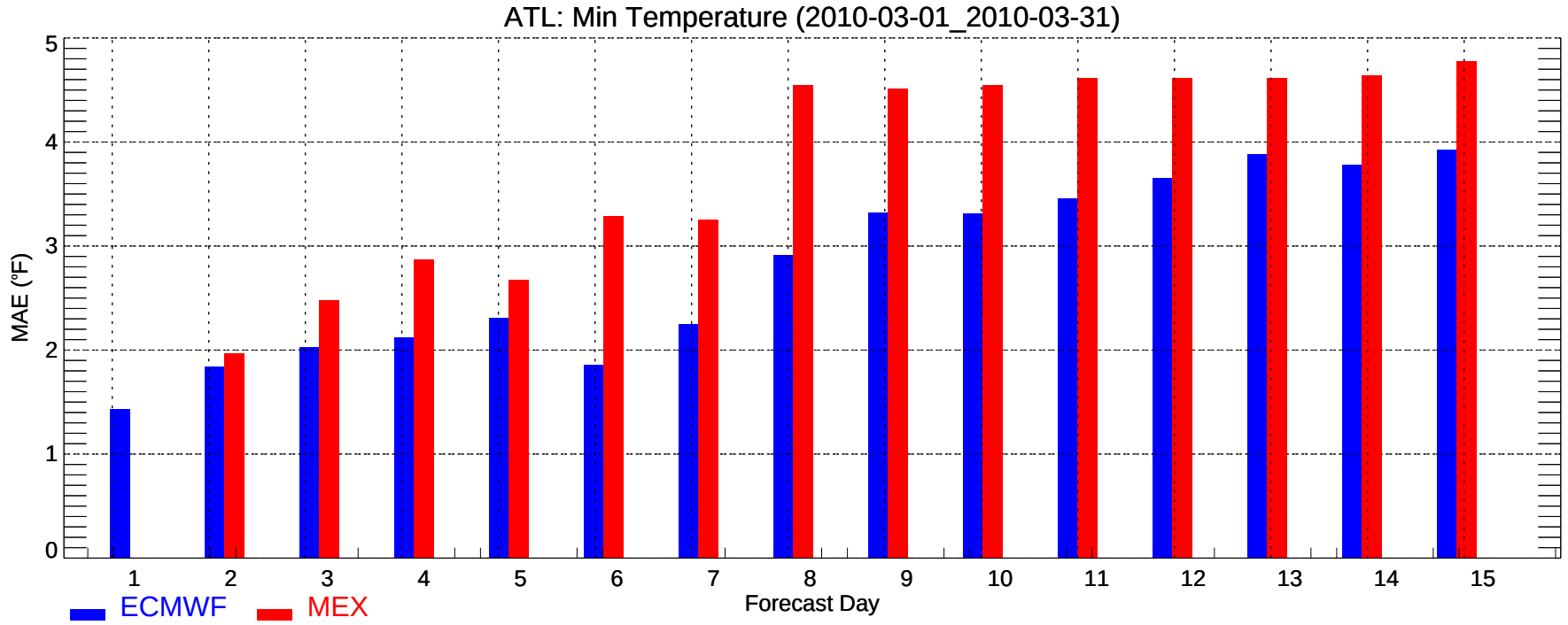

APN: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

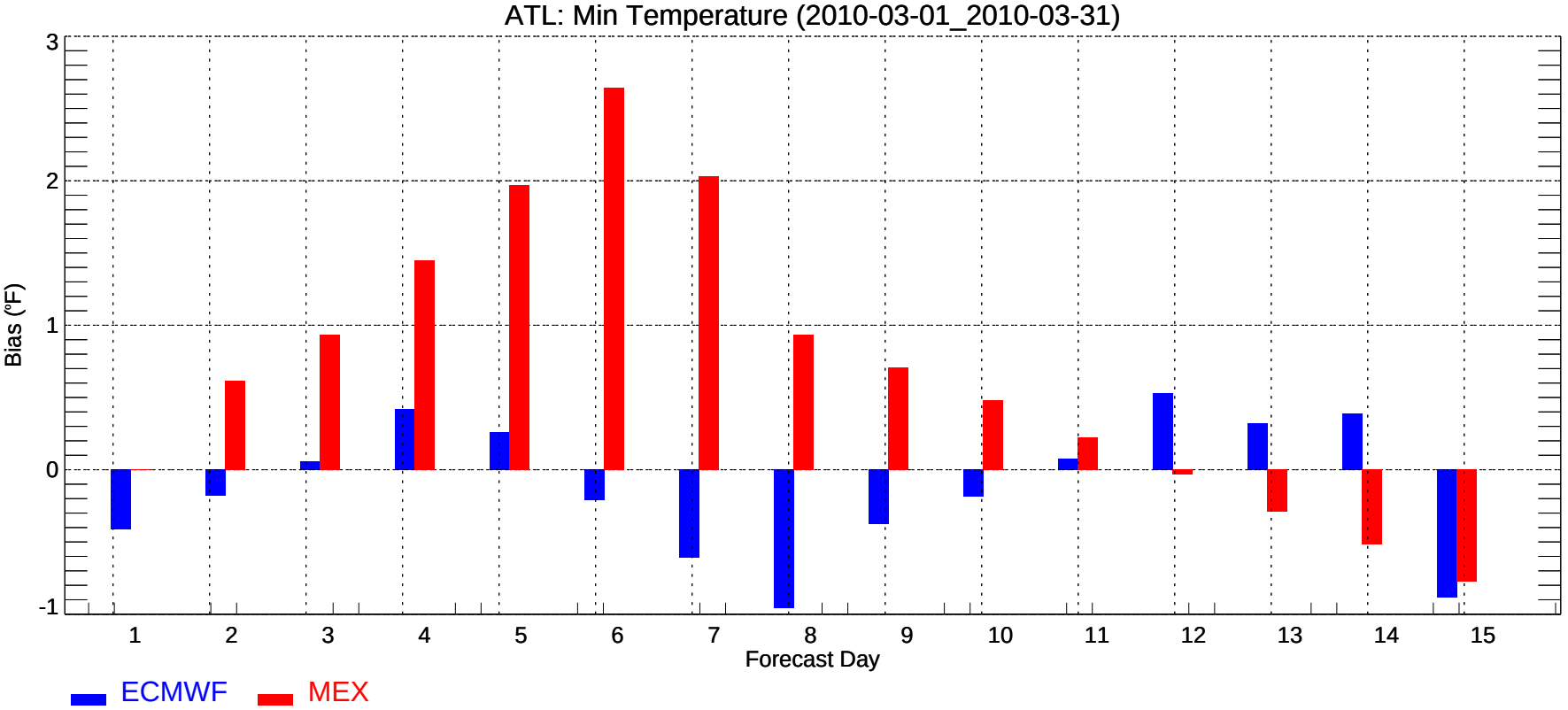

APN: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

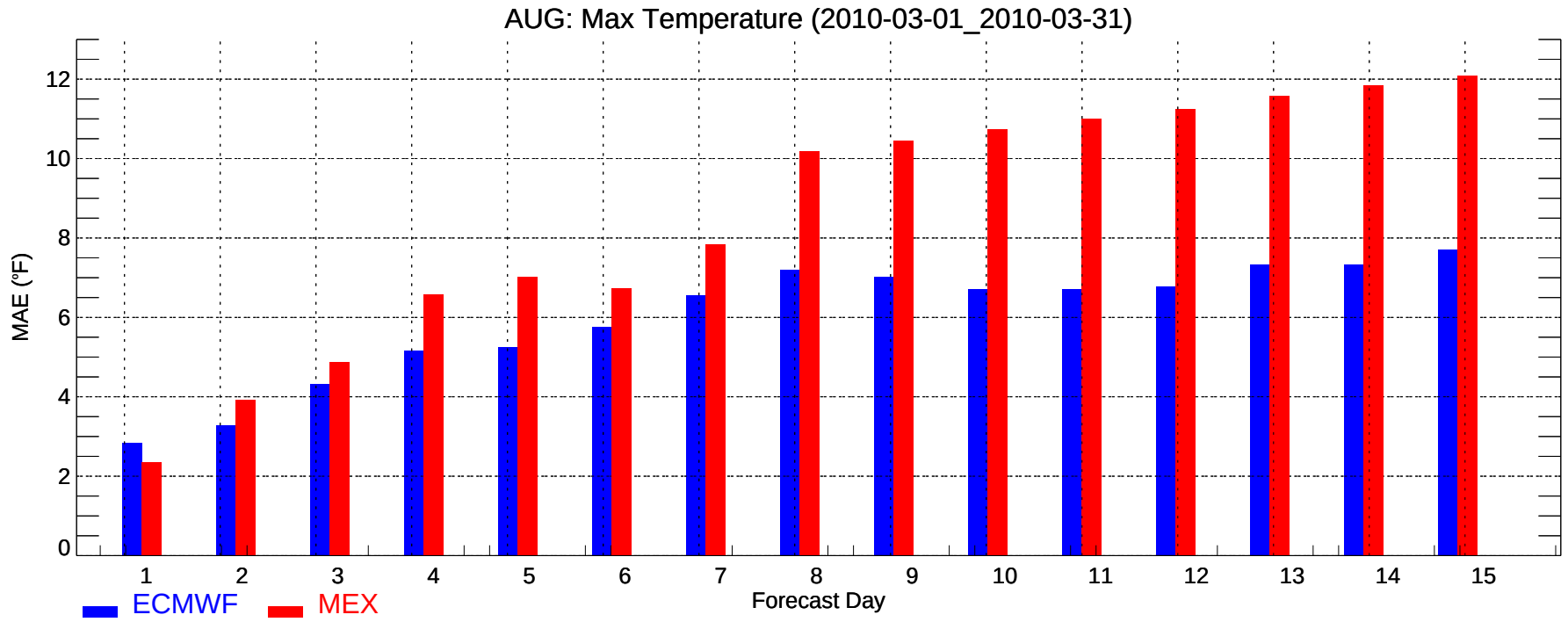

APN: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-10
-8
-6
-4
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

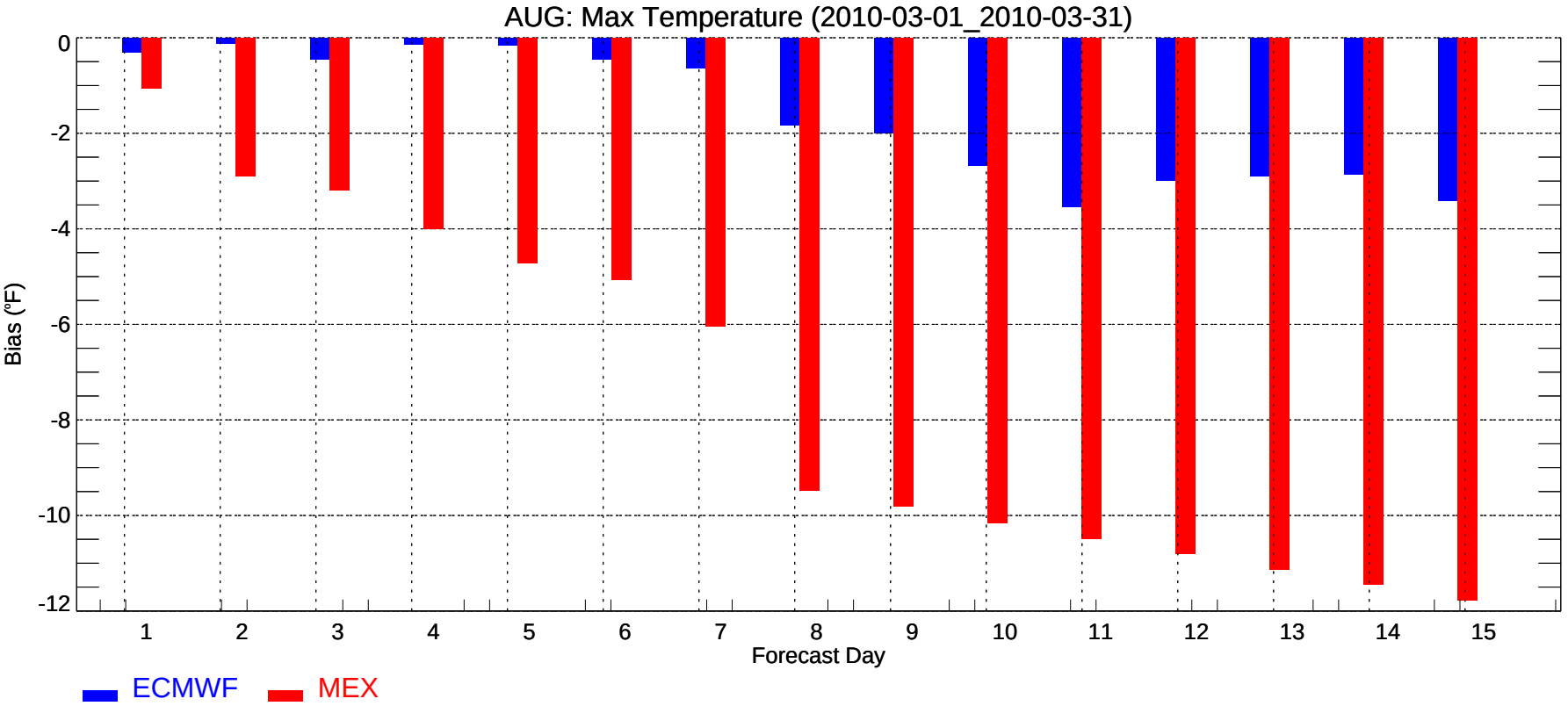

ATL: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

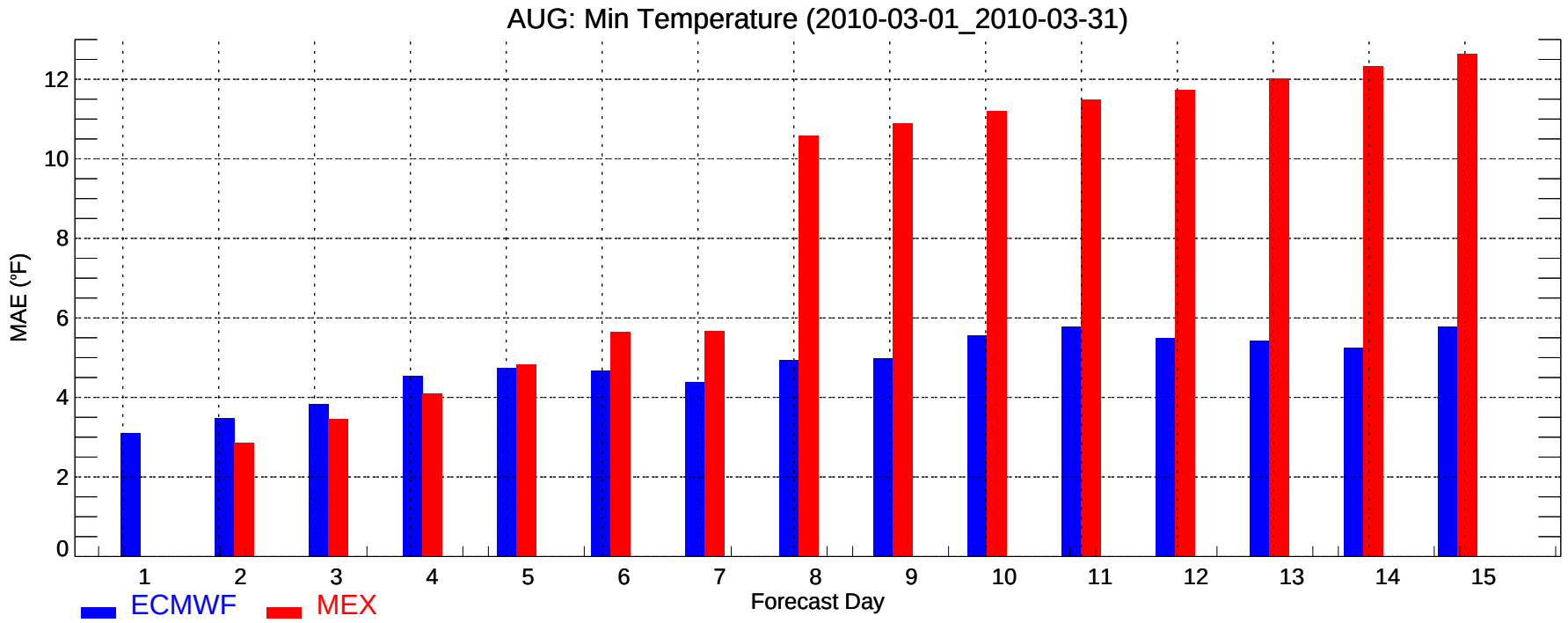

ATL: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

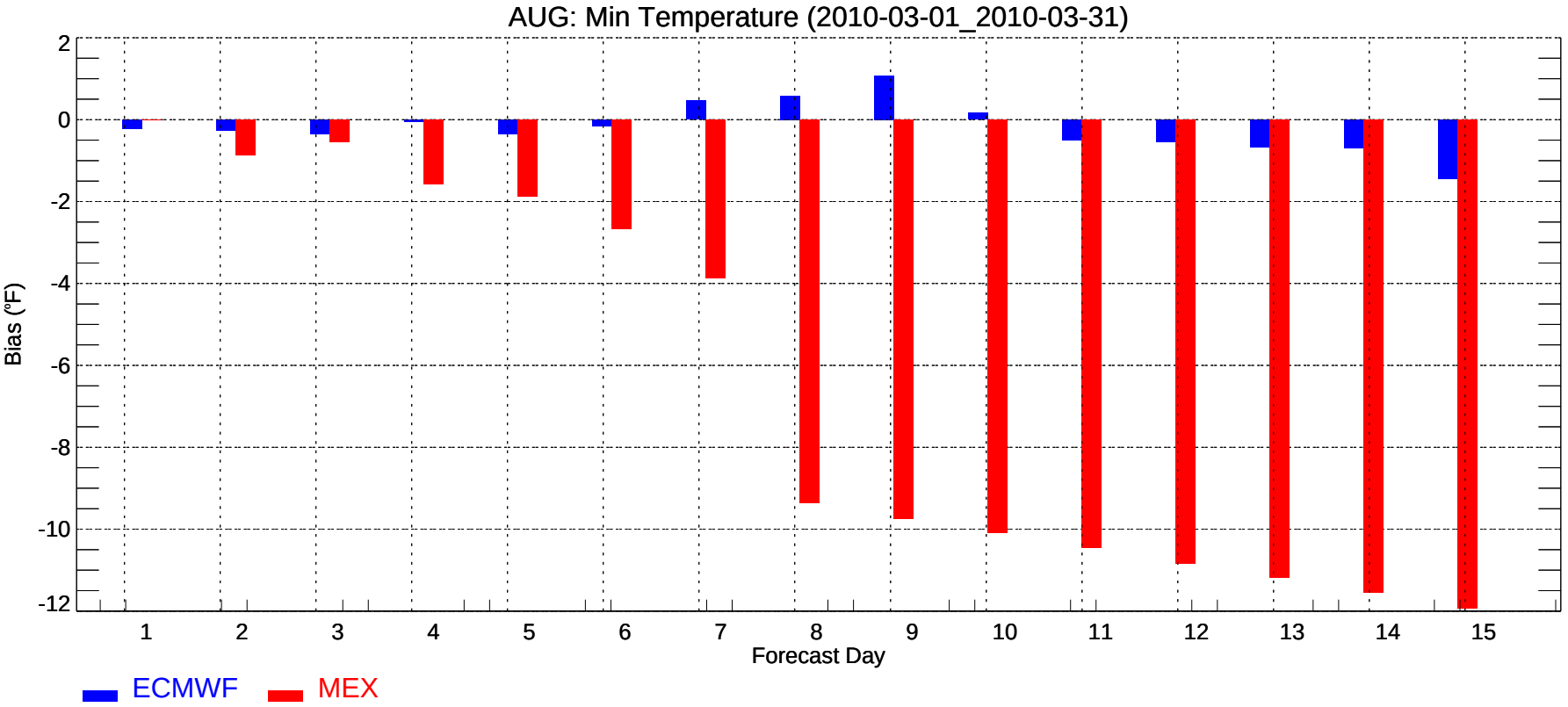

ATL: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

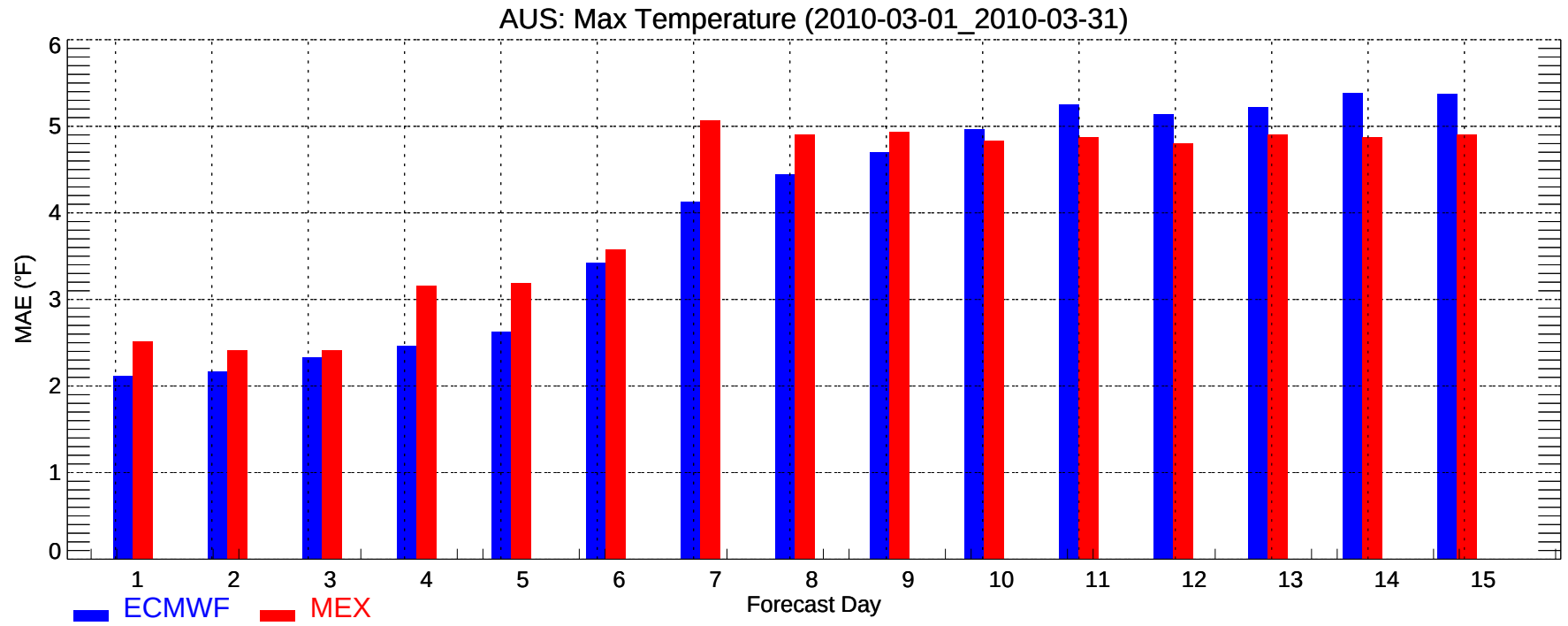

ATL: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

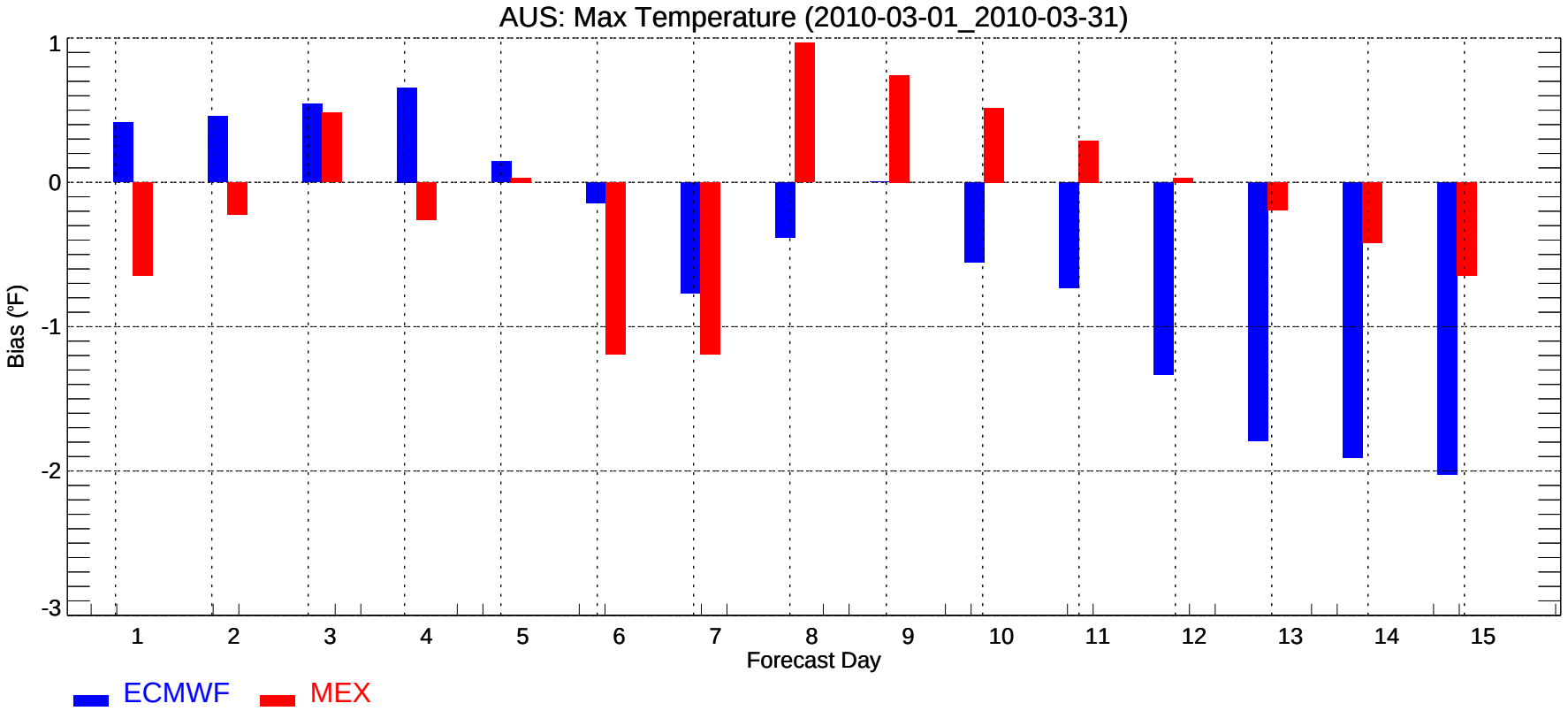

AUG: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

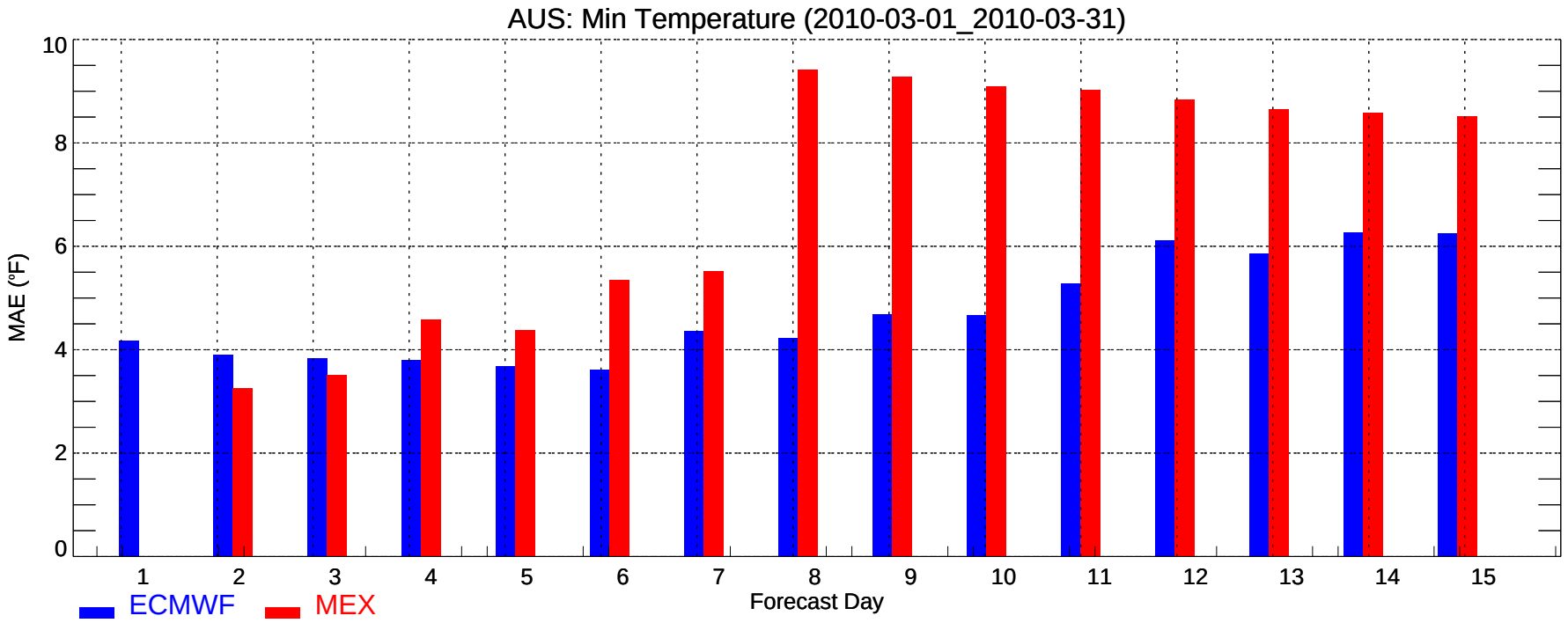

AUG: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

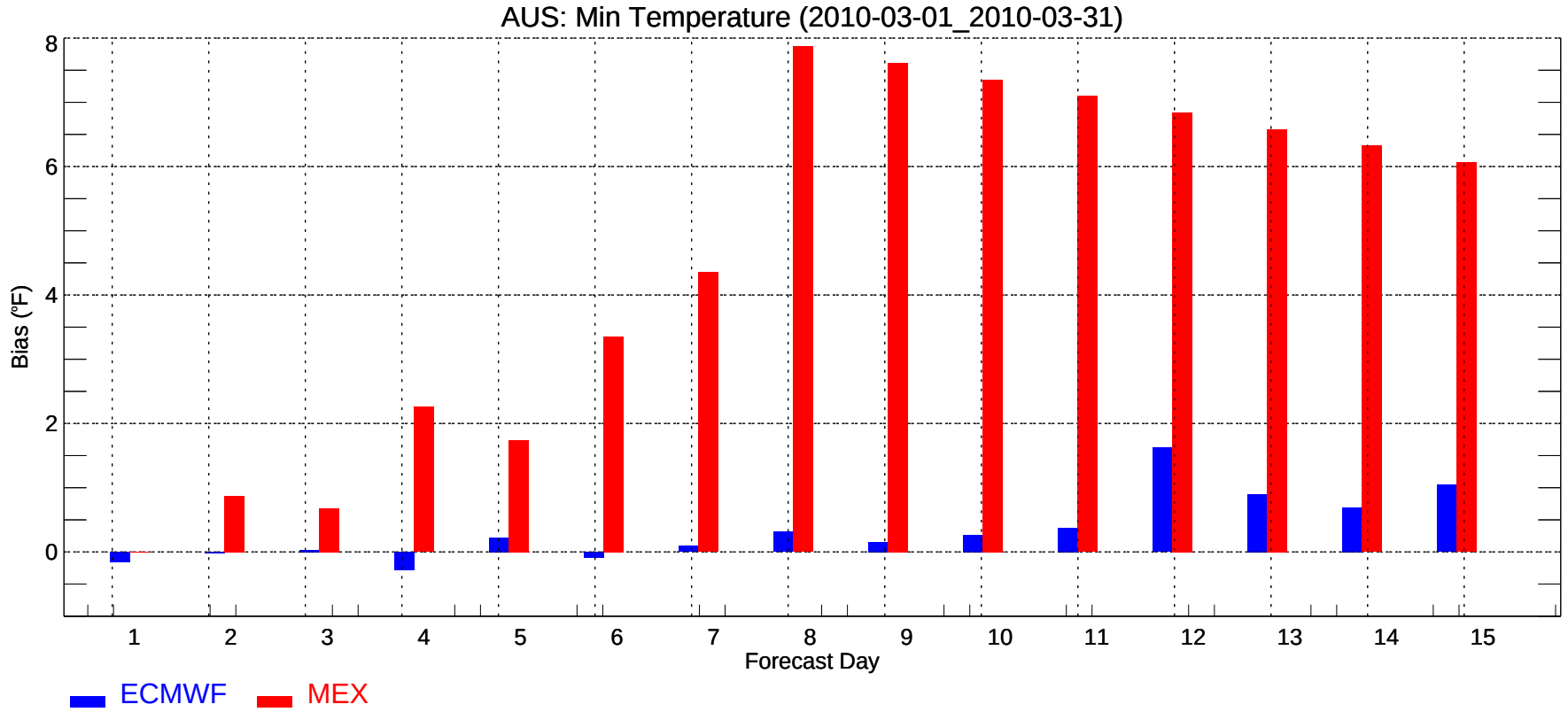

AUG: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

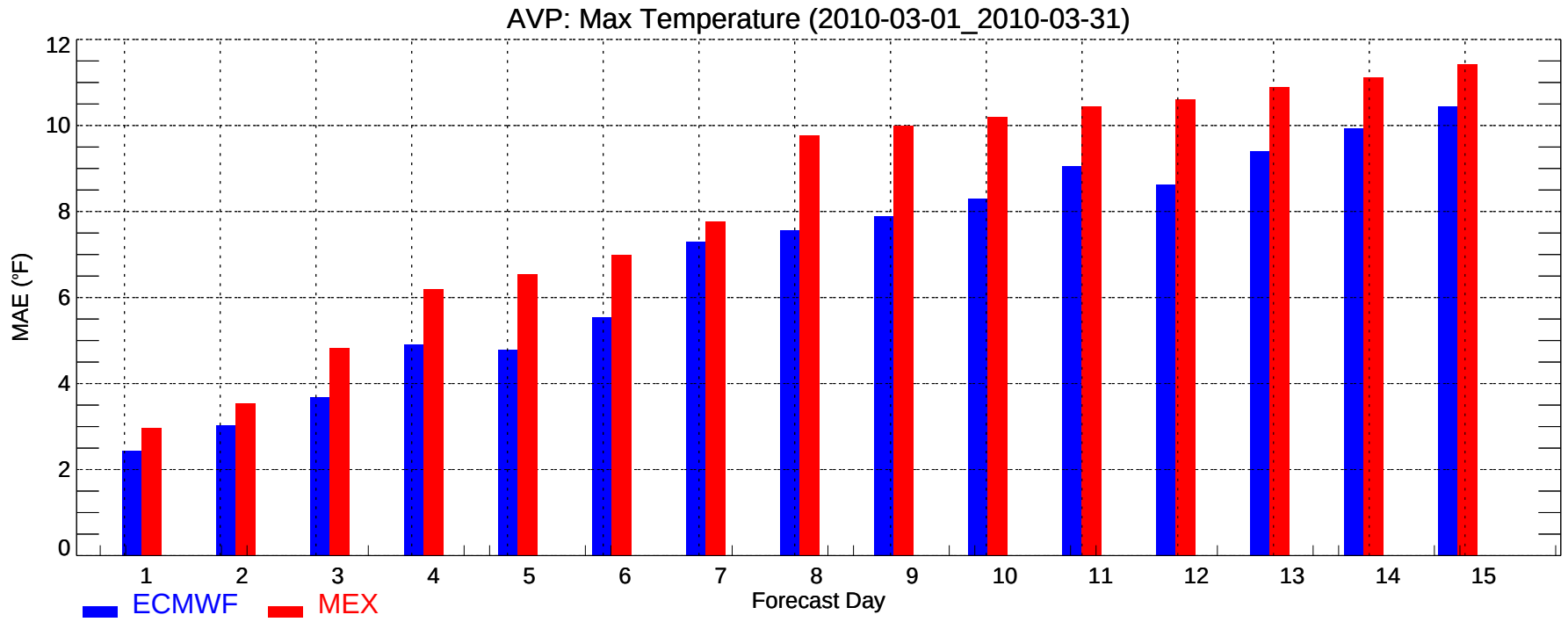

AUG: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

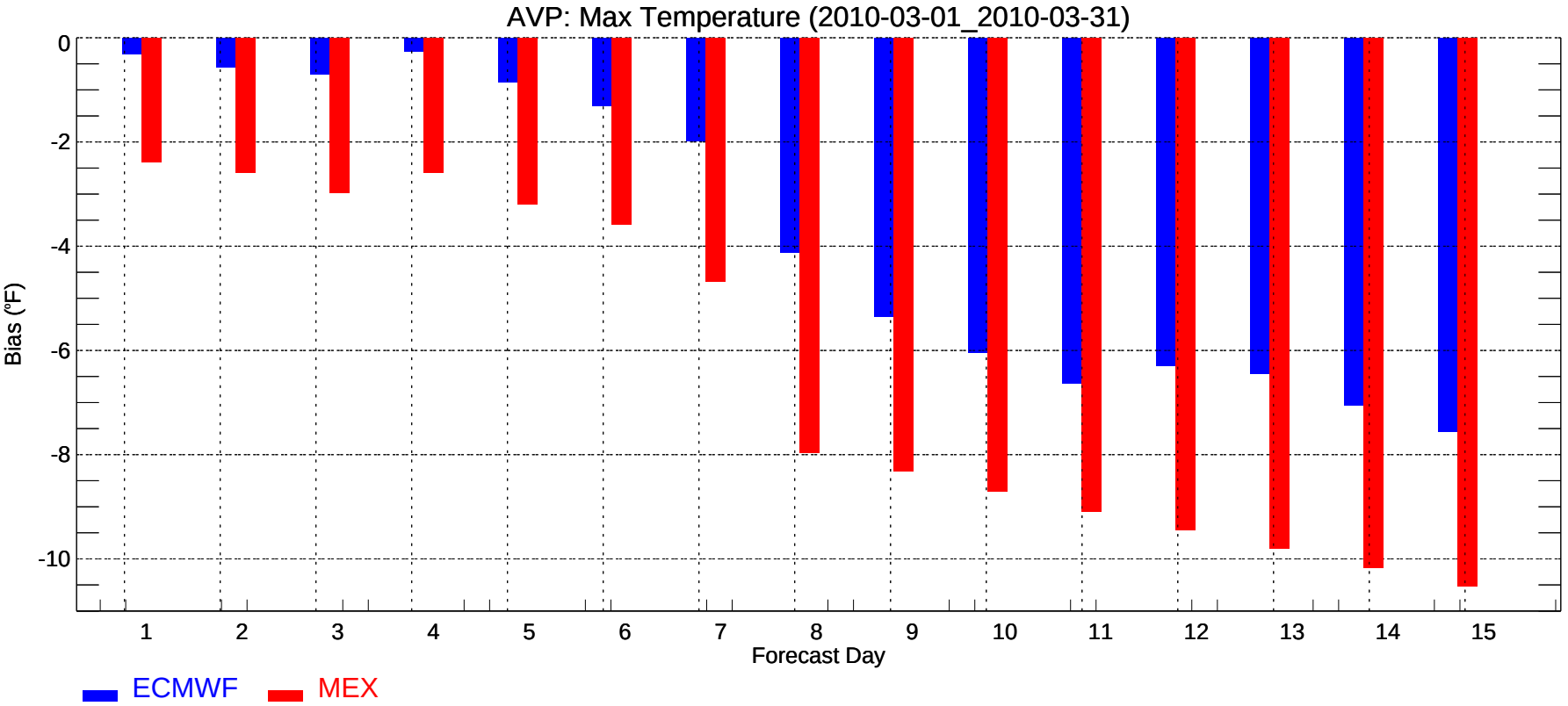

AUS: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

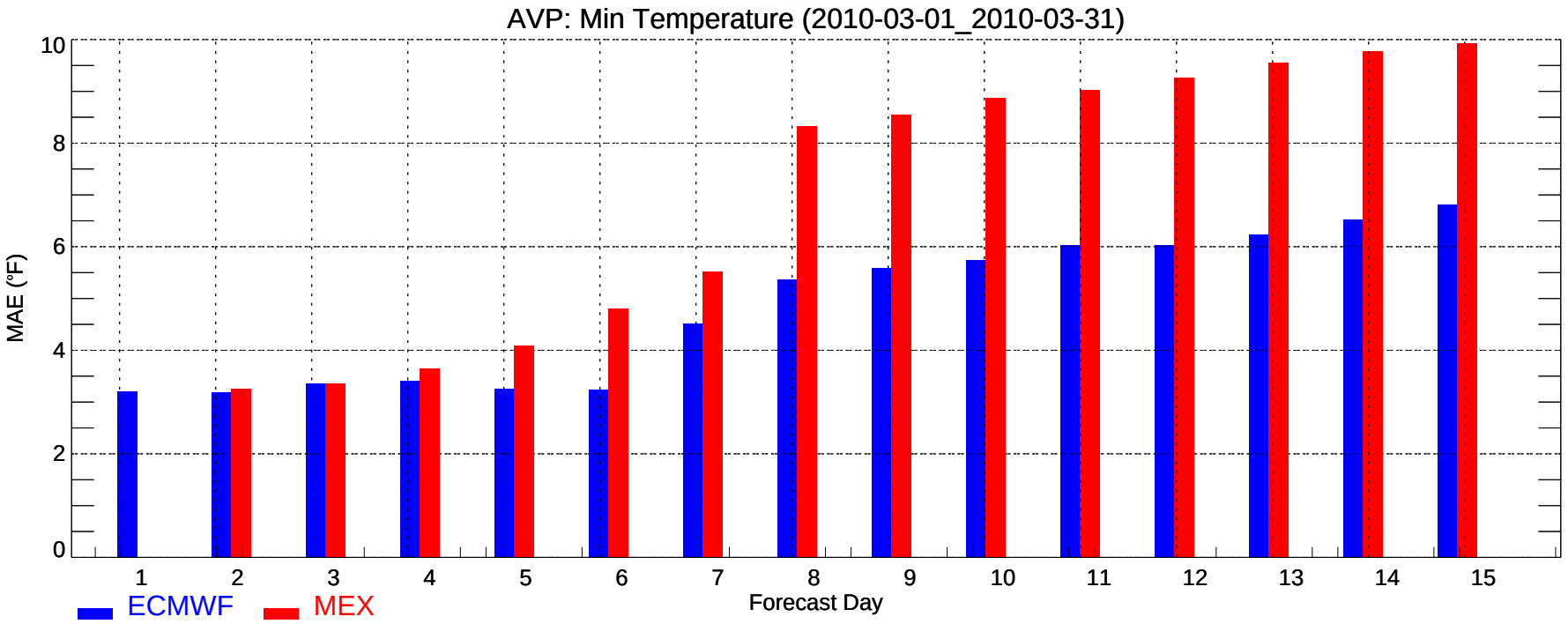

AUS: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

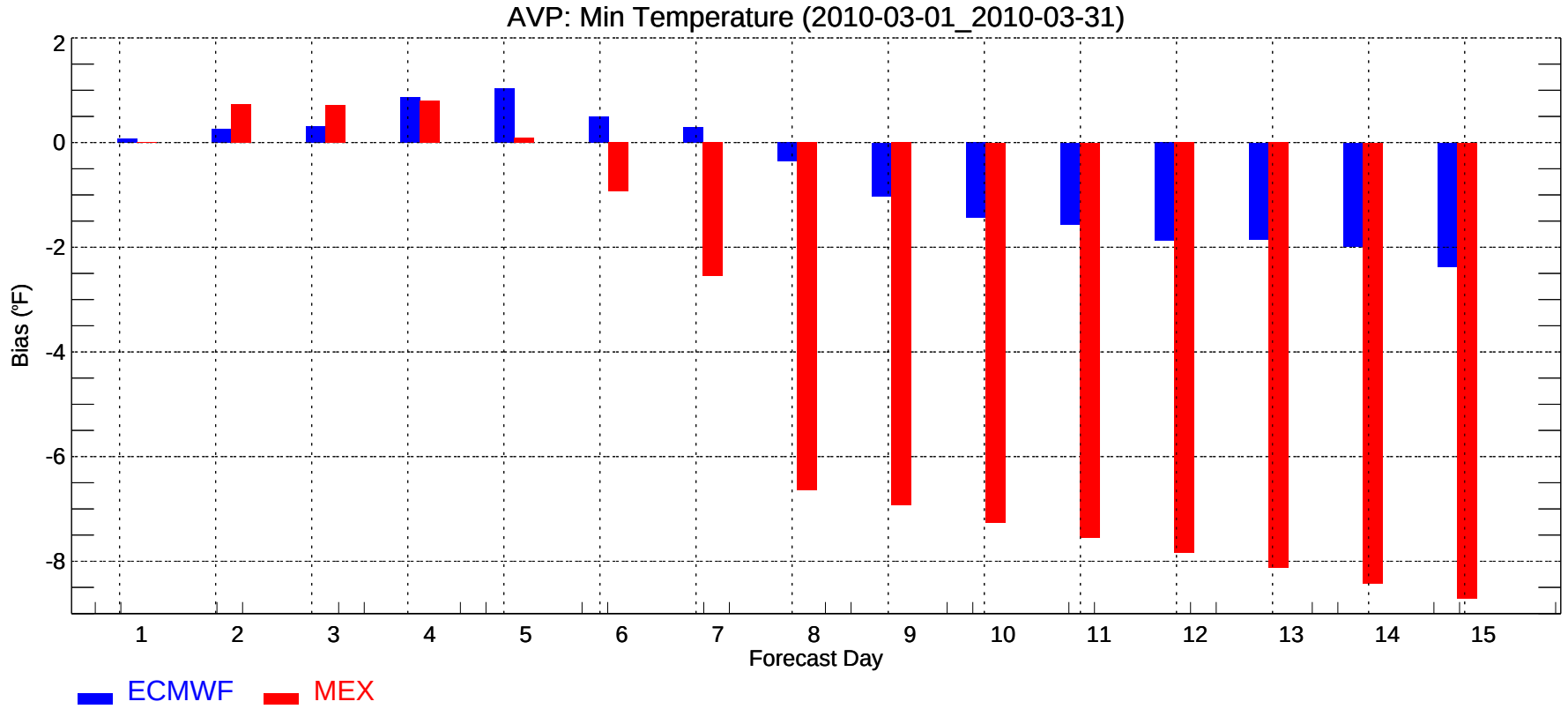

AUS: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

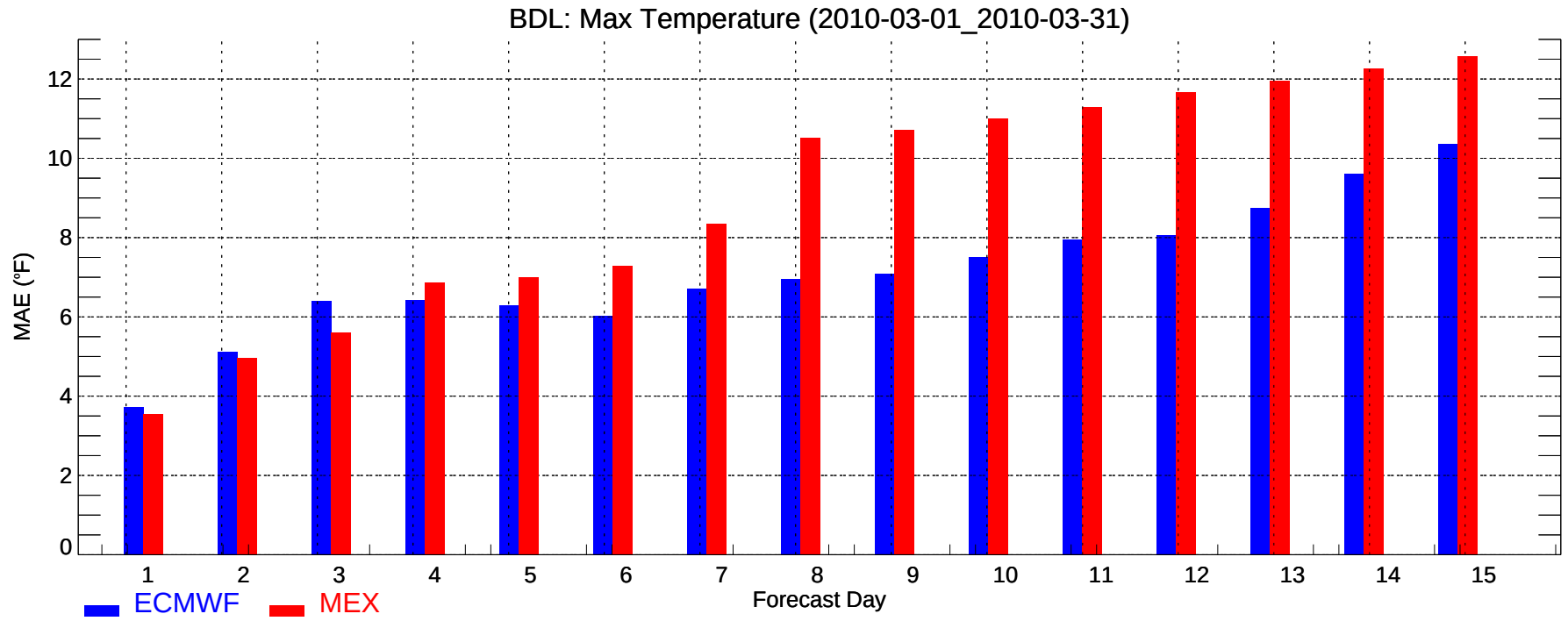

AUS: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

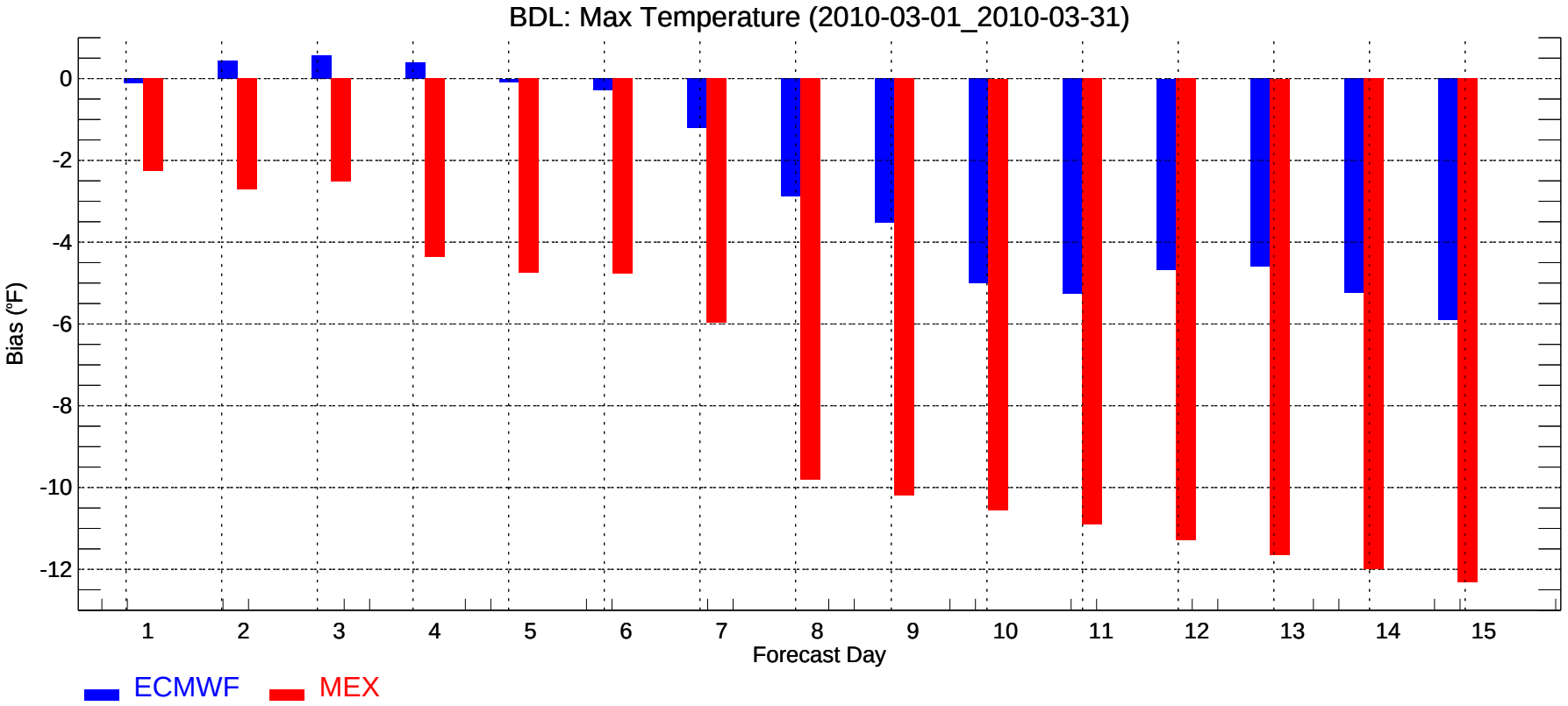

AVP: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

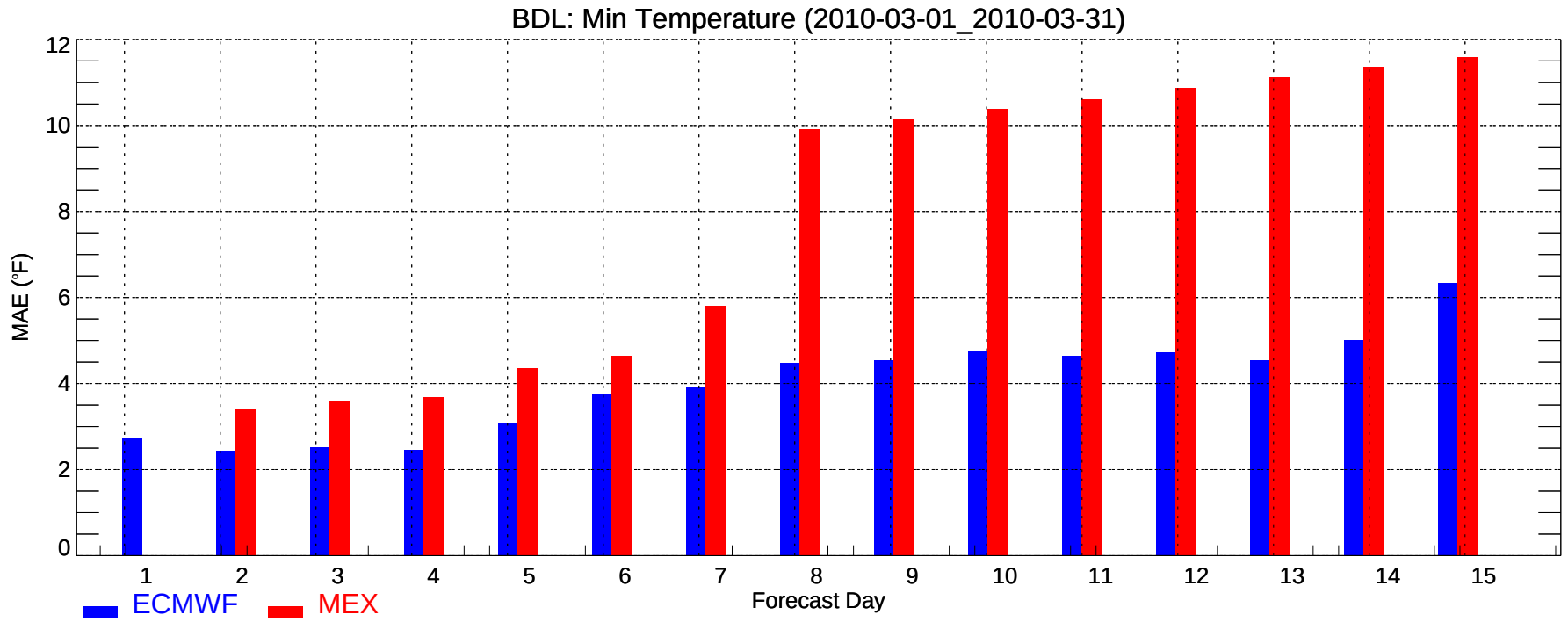

AVP: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

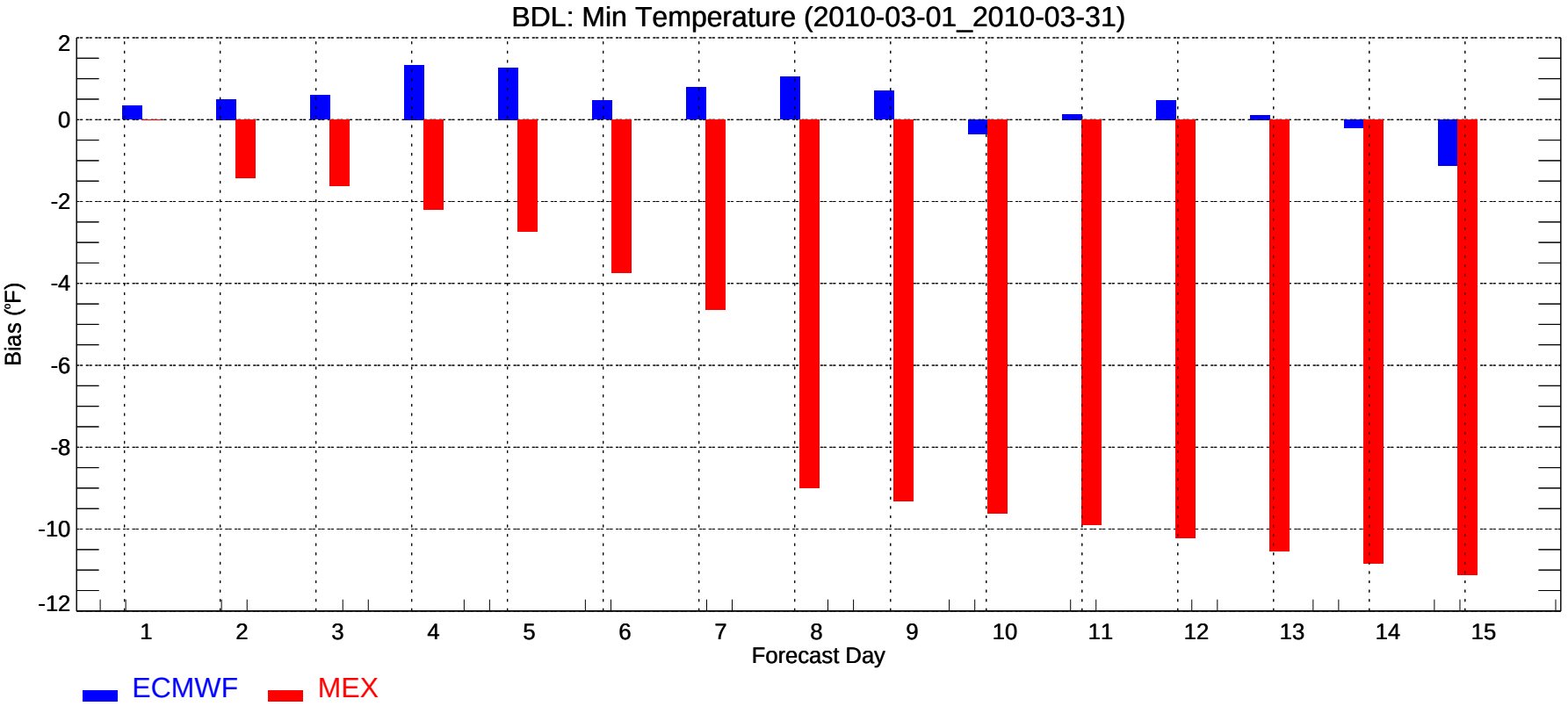

AVP: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

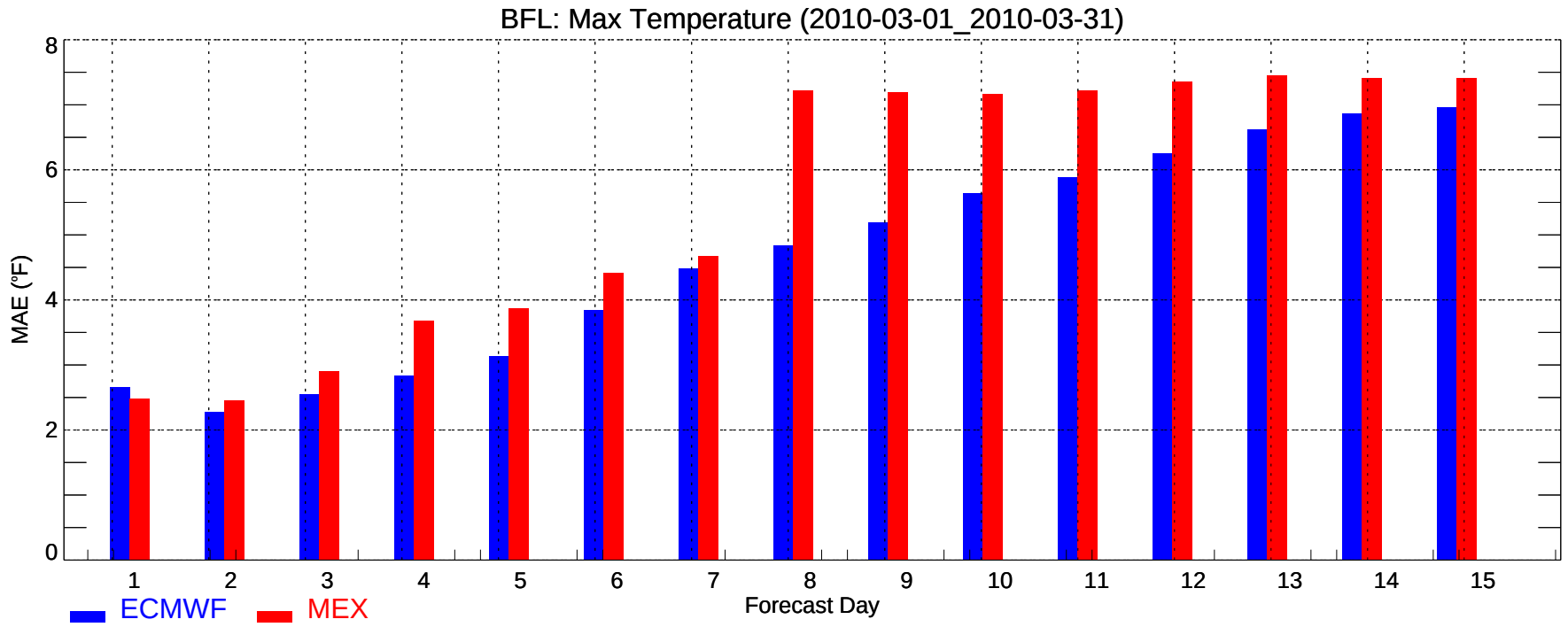

AVP: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

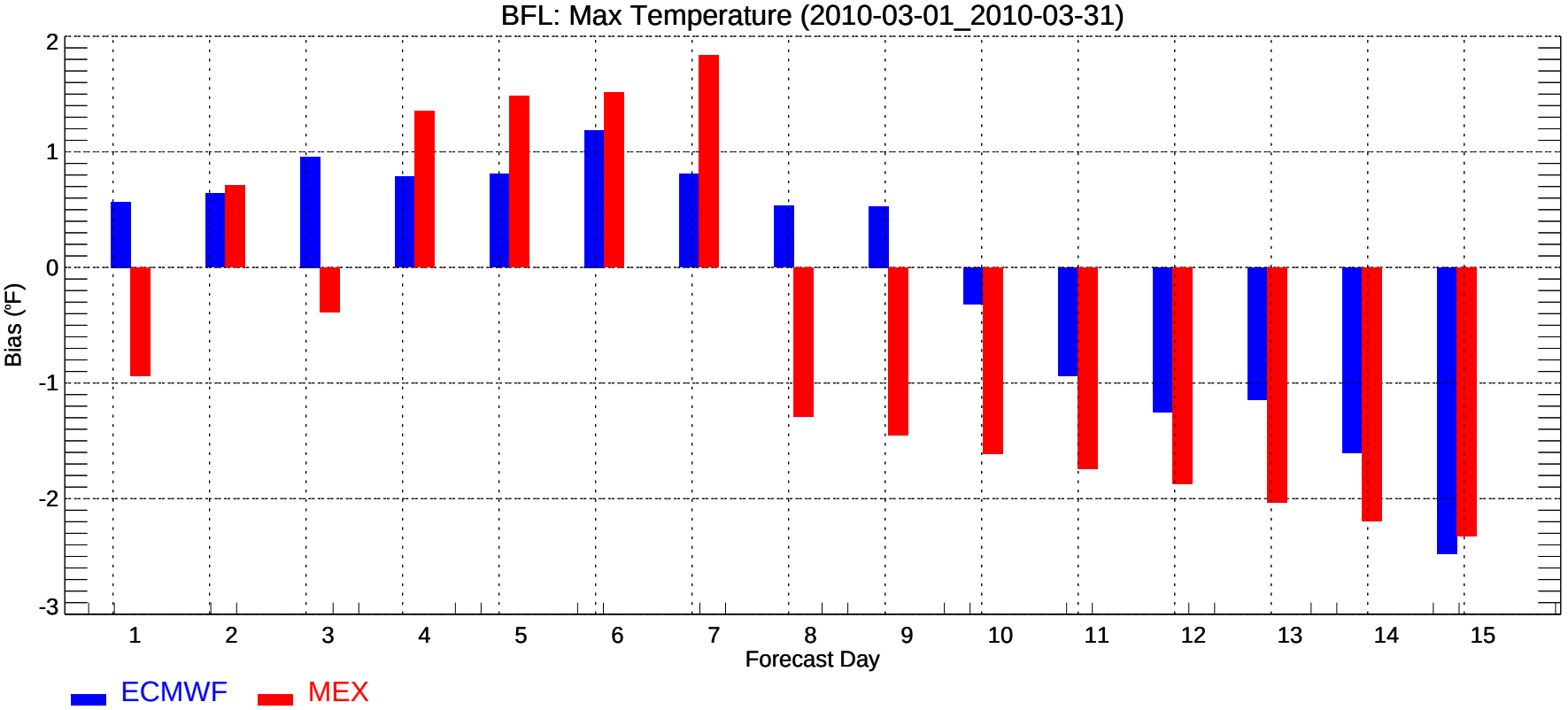

BDL: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

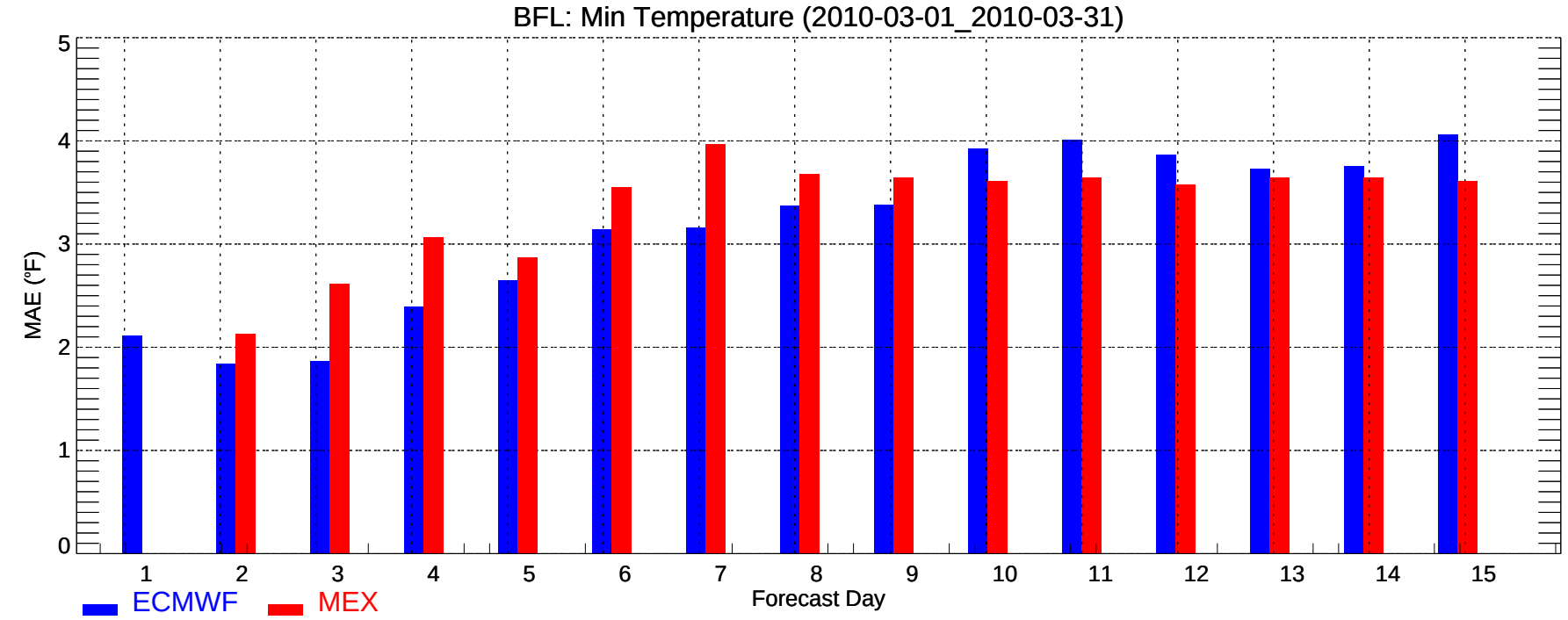

BDL: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

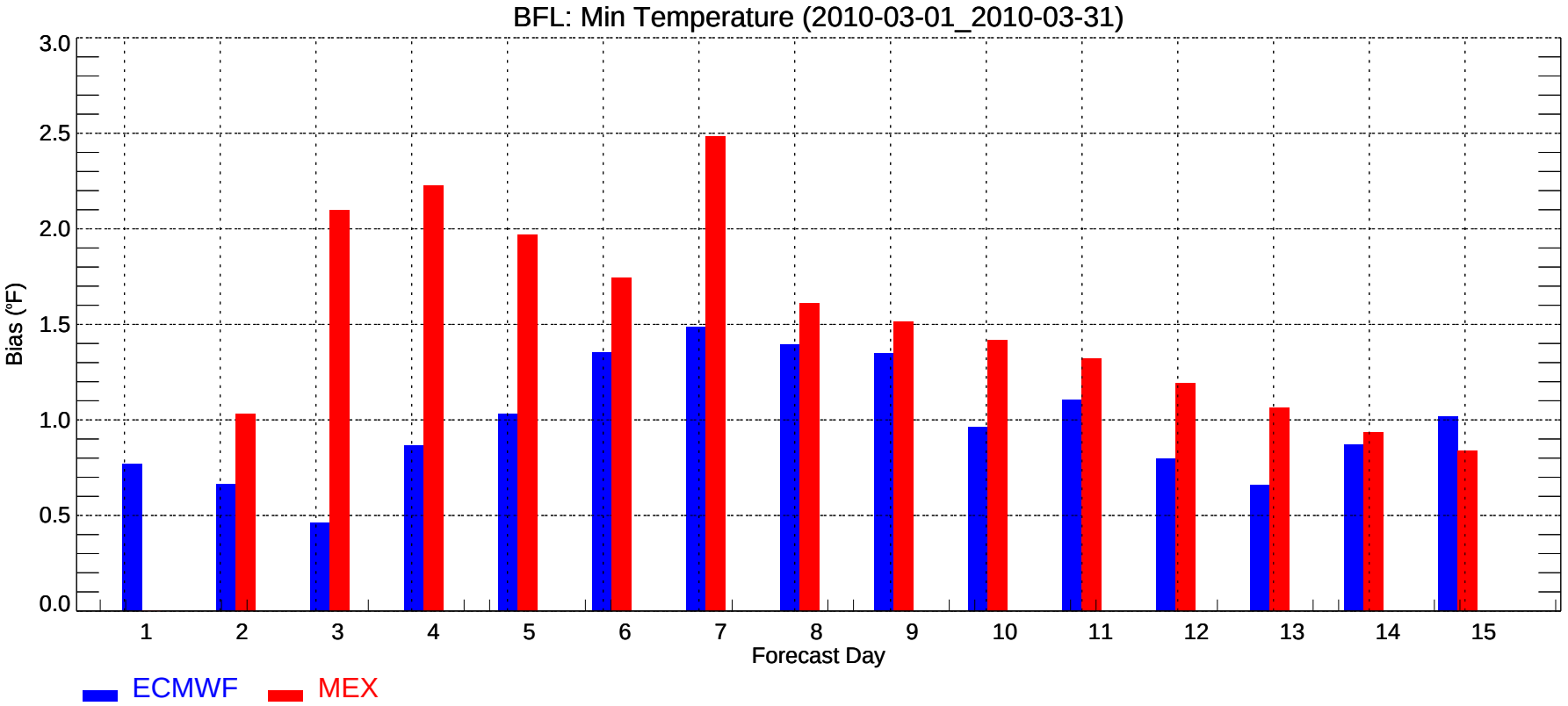

BDL: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

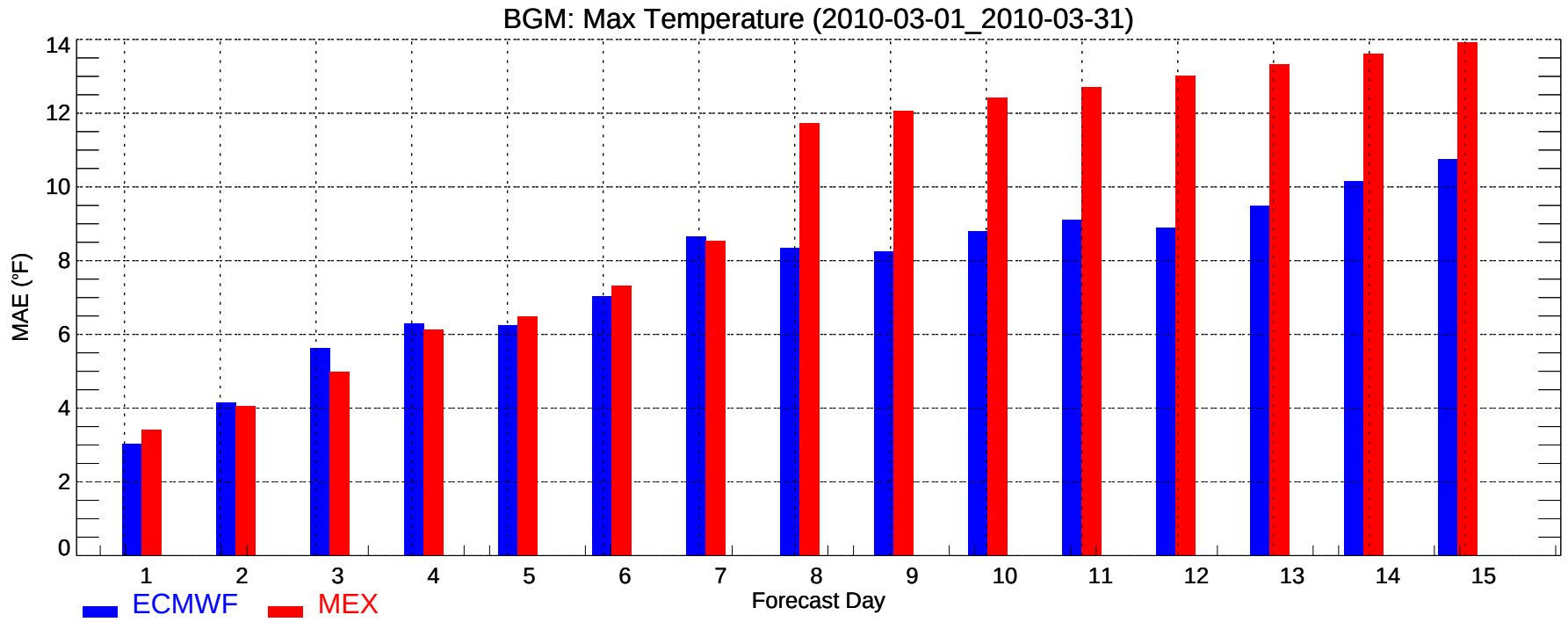

BDL: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

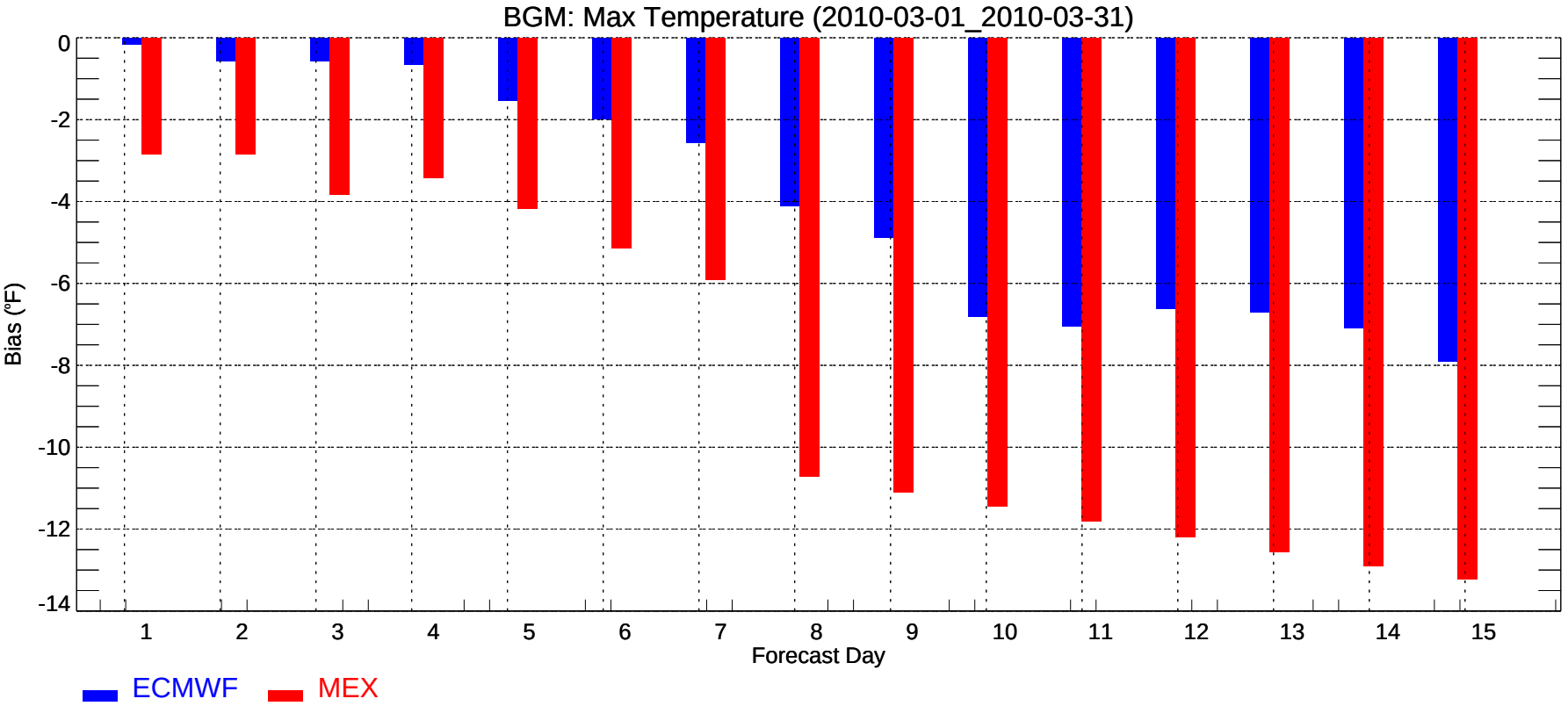

BFL: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

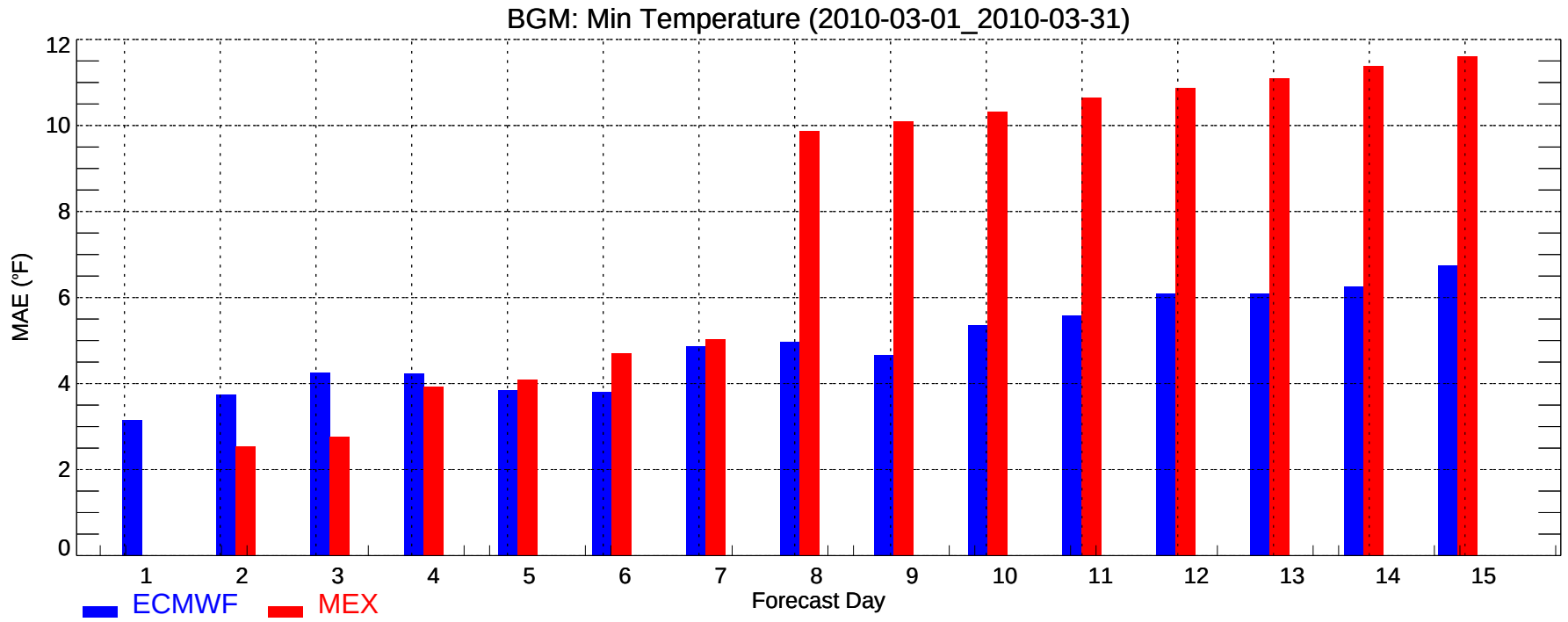

BFL: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

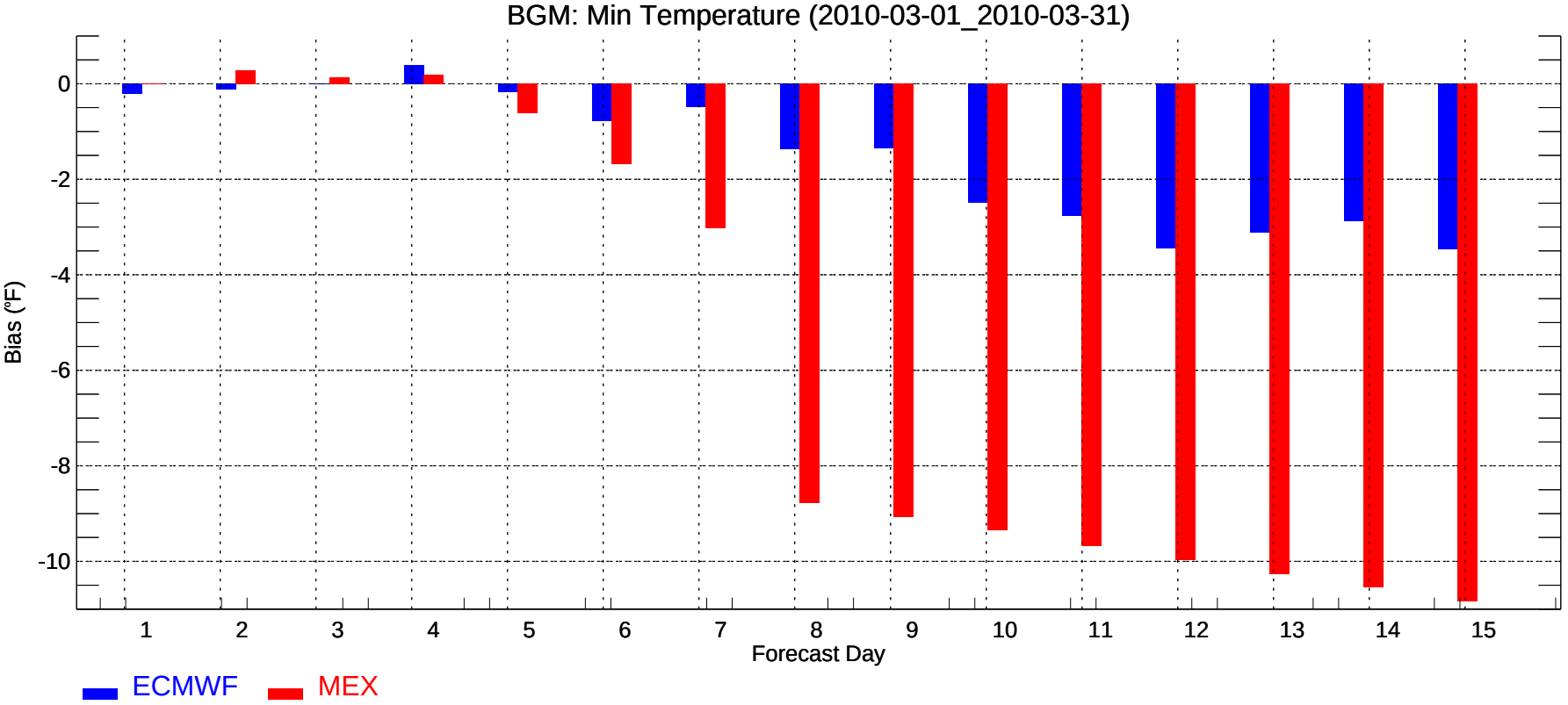

BFL: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

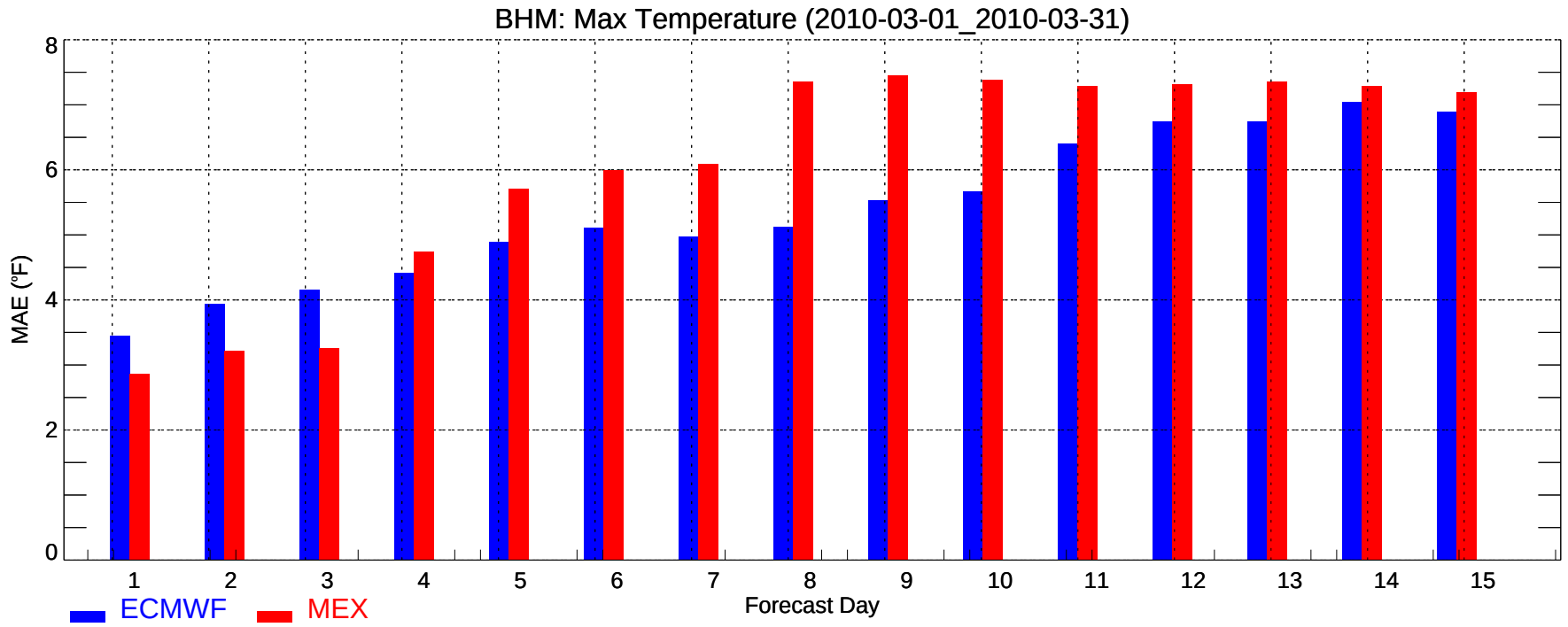

BFL: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BGM: Max Temperature (2010-03-01_2010-03-31)
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


BGM: Max Temperature (2010-03-01_2010-03-31)
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


BGM: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
Forecast Day
ECMWF
MEX


BGM: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
Forecast Day
ECMWF
MEX


BHM: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
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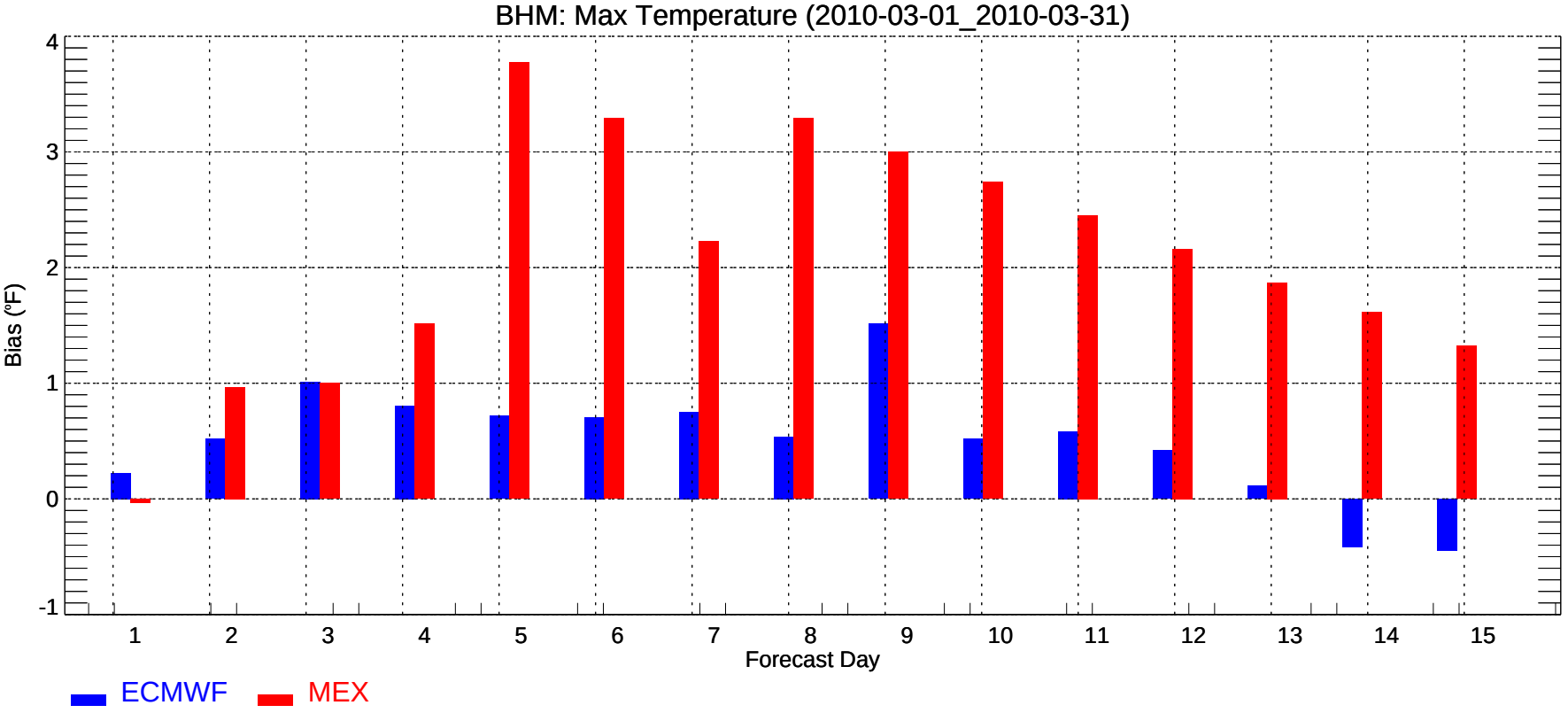
Forecast Day
ECMWF
MEX


BHM: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
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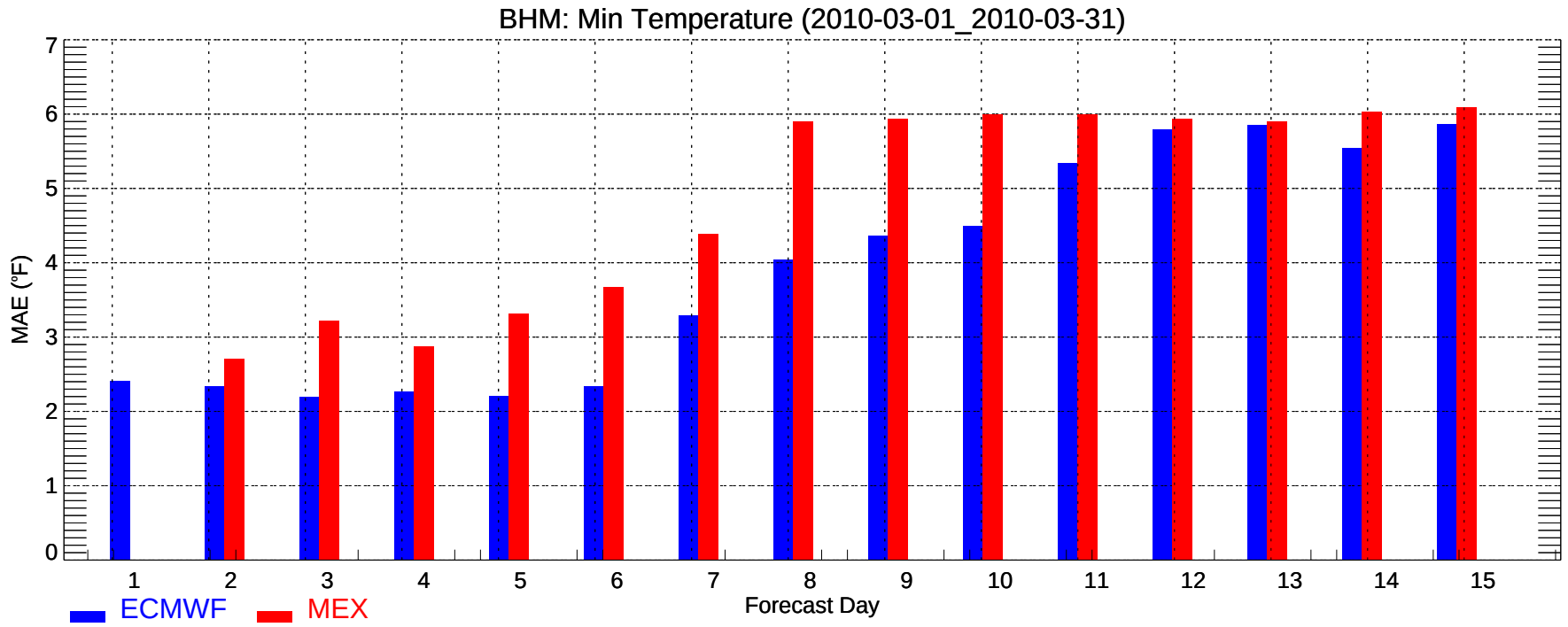
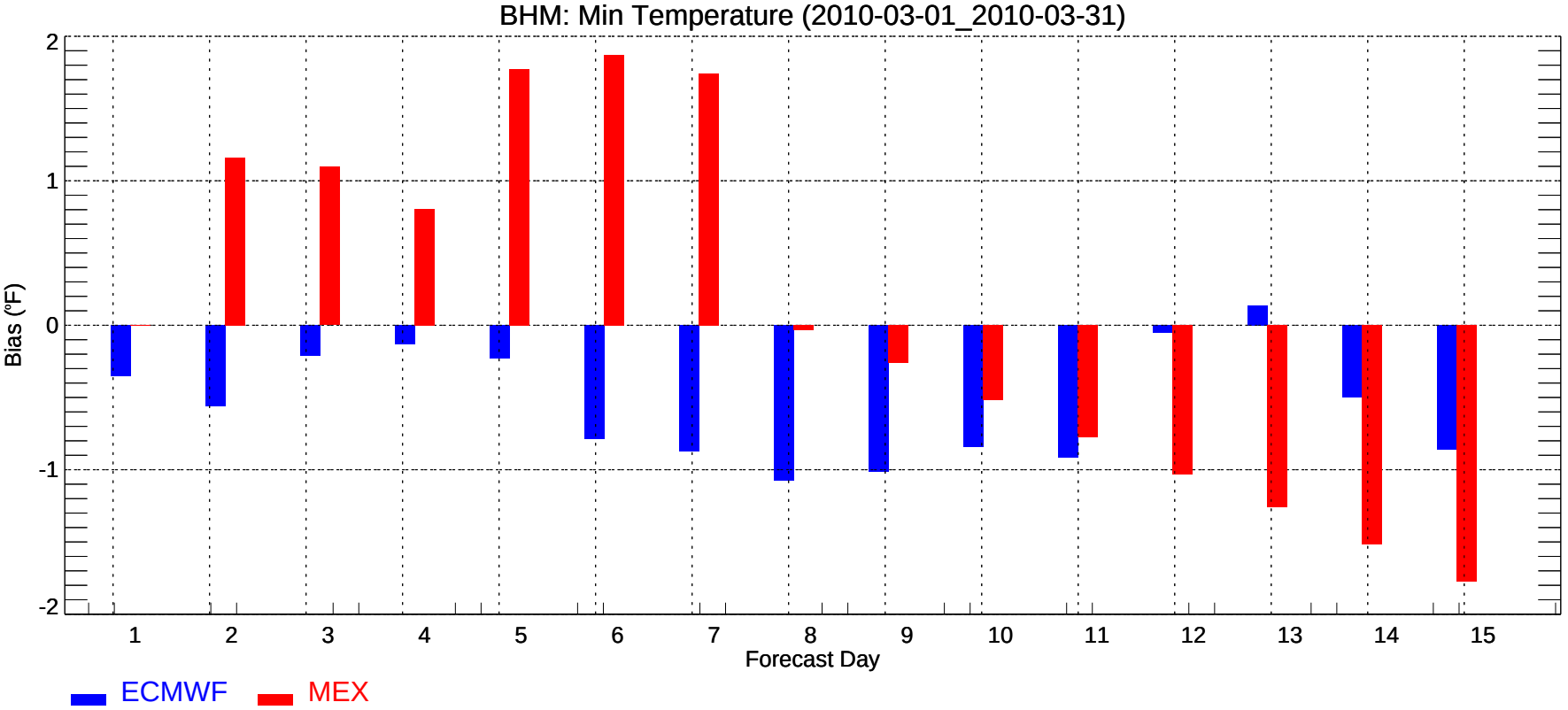
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BHM: Min Temperature (2010-03-01_2010-03-31)
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


BHM: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
1
2
3
4
5
6
7
8
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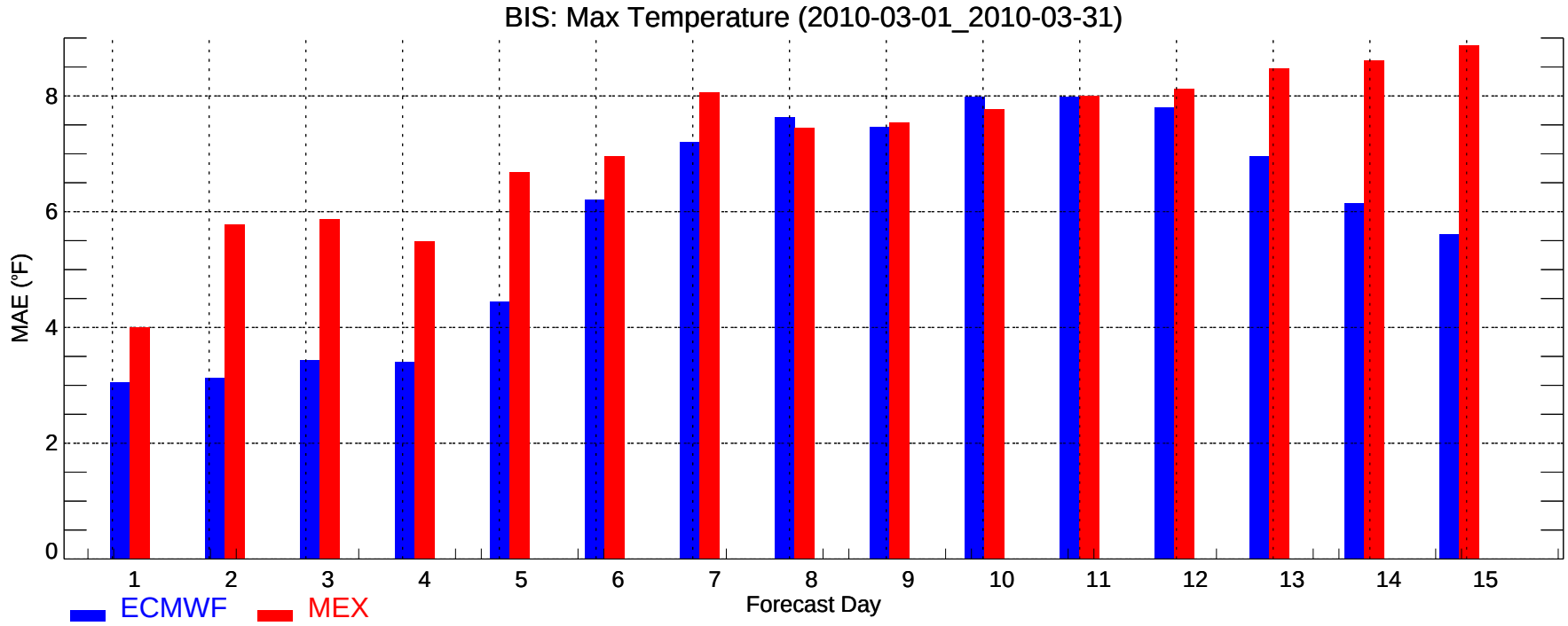
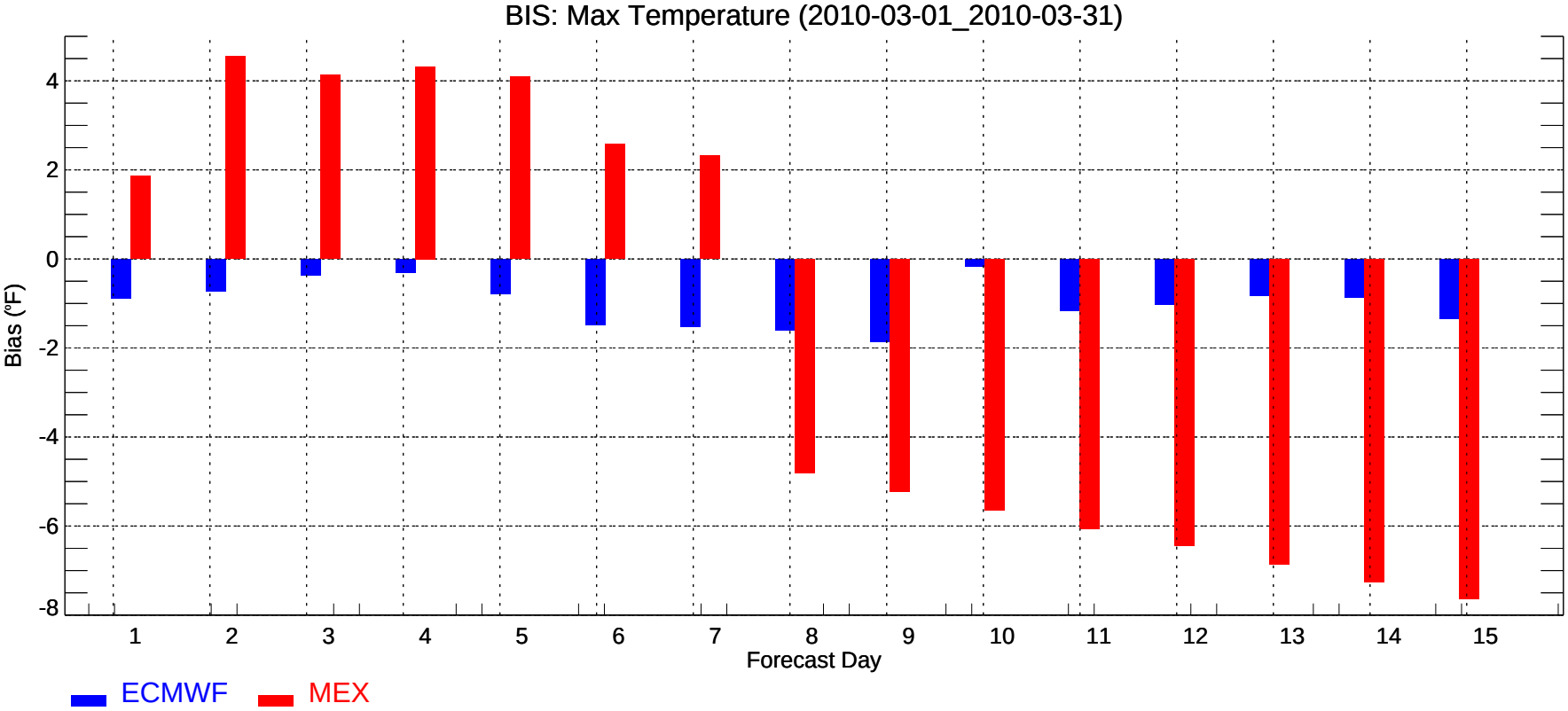
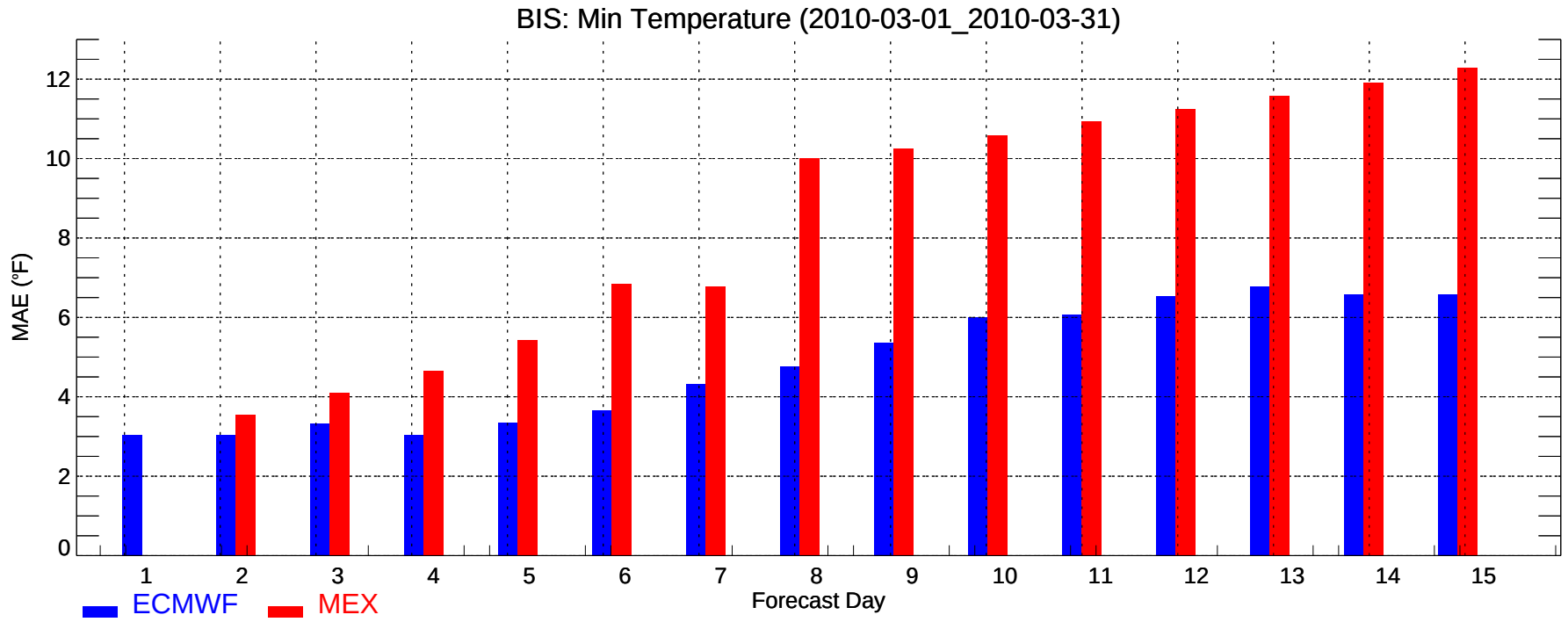
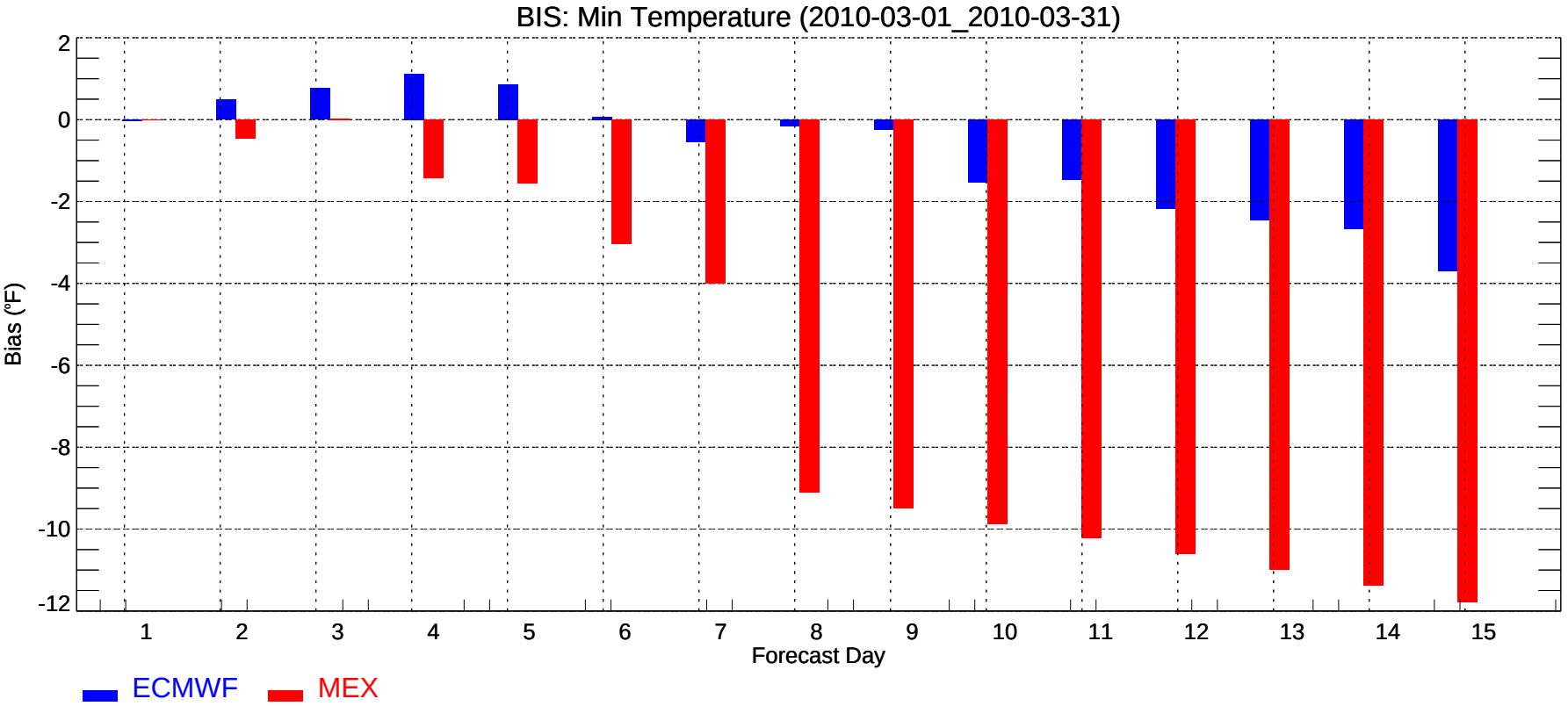
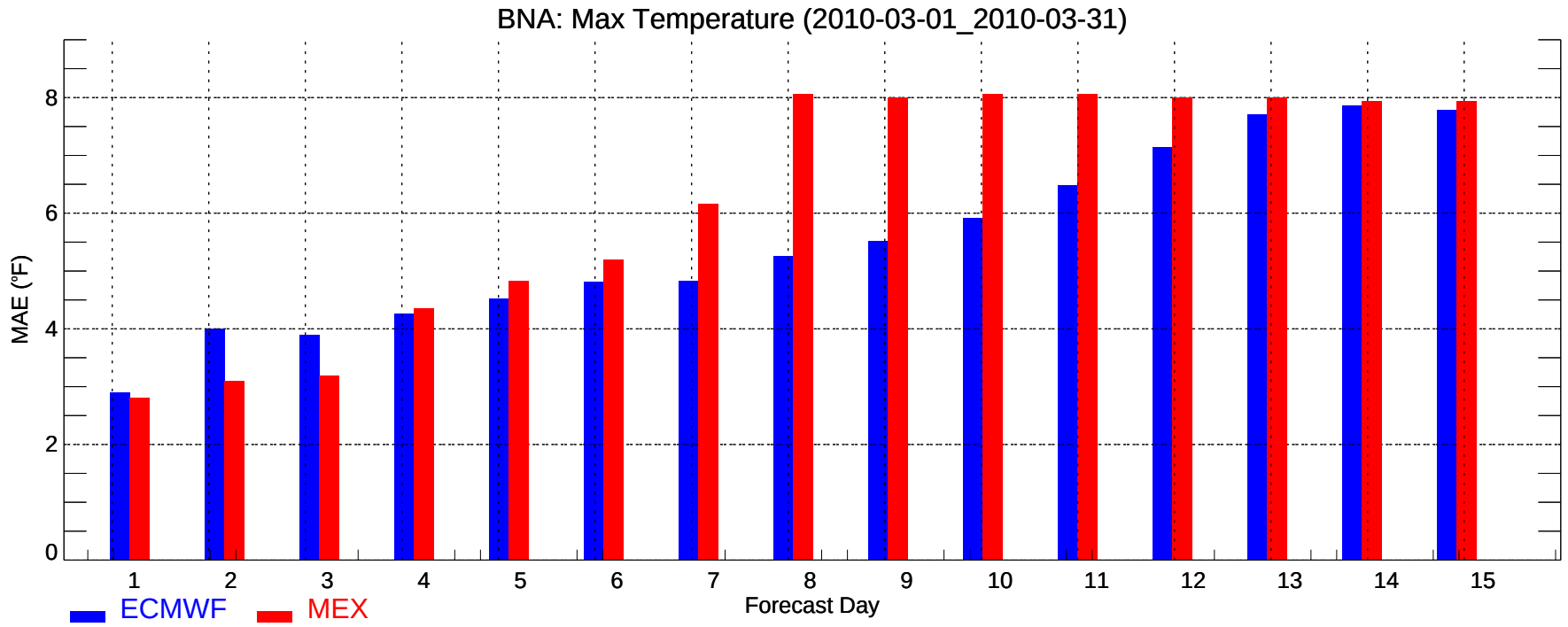
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

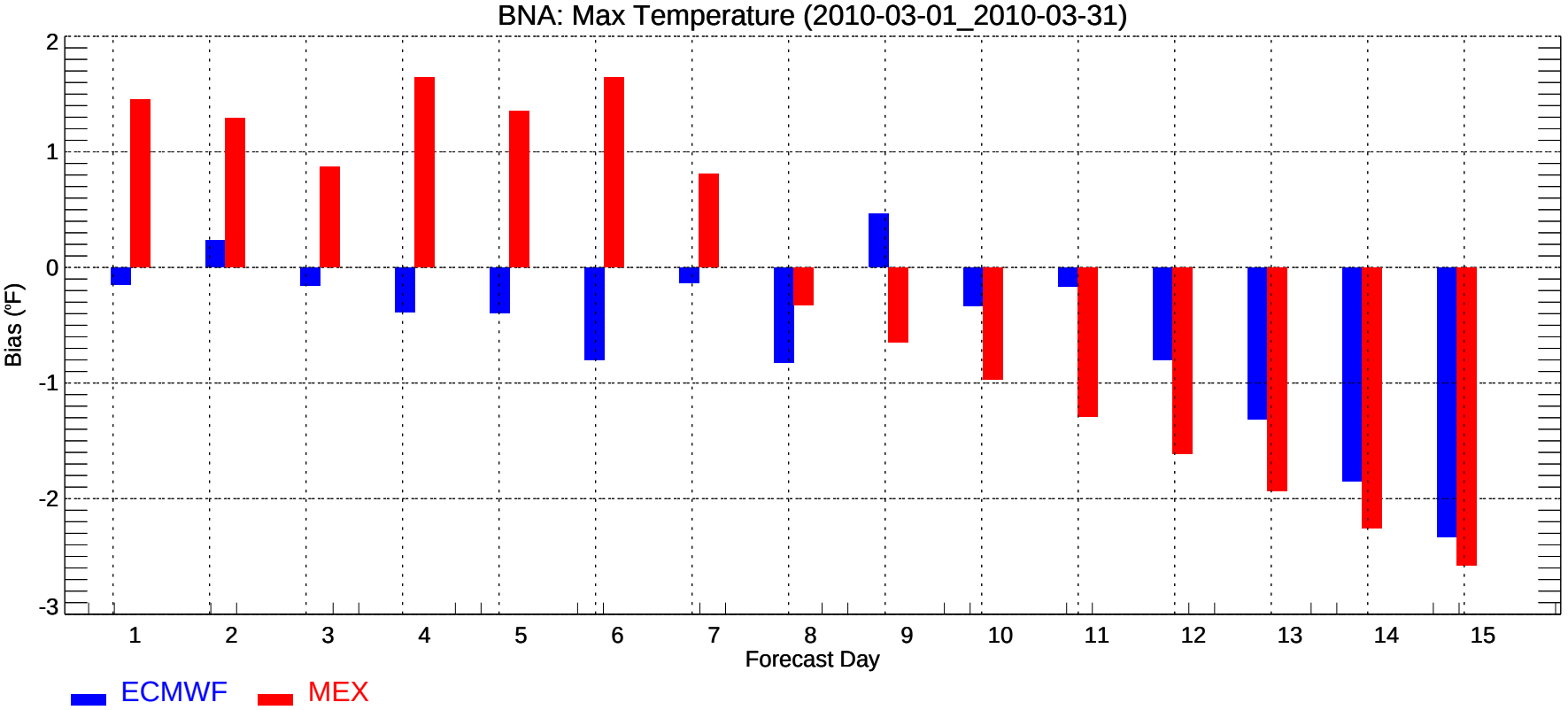

BIS: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

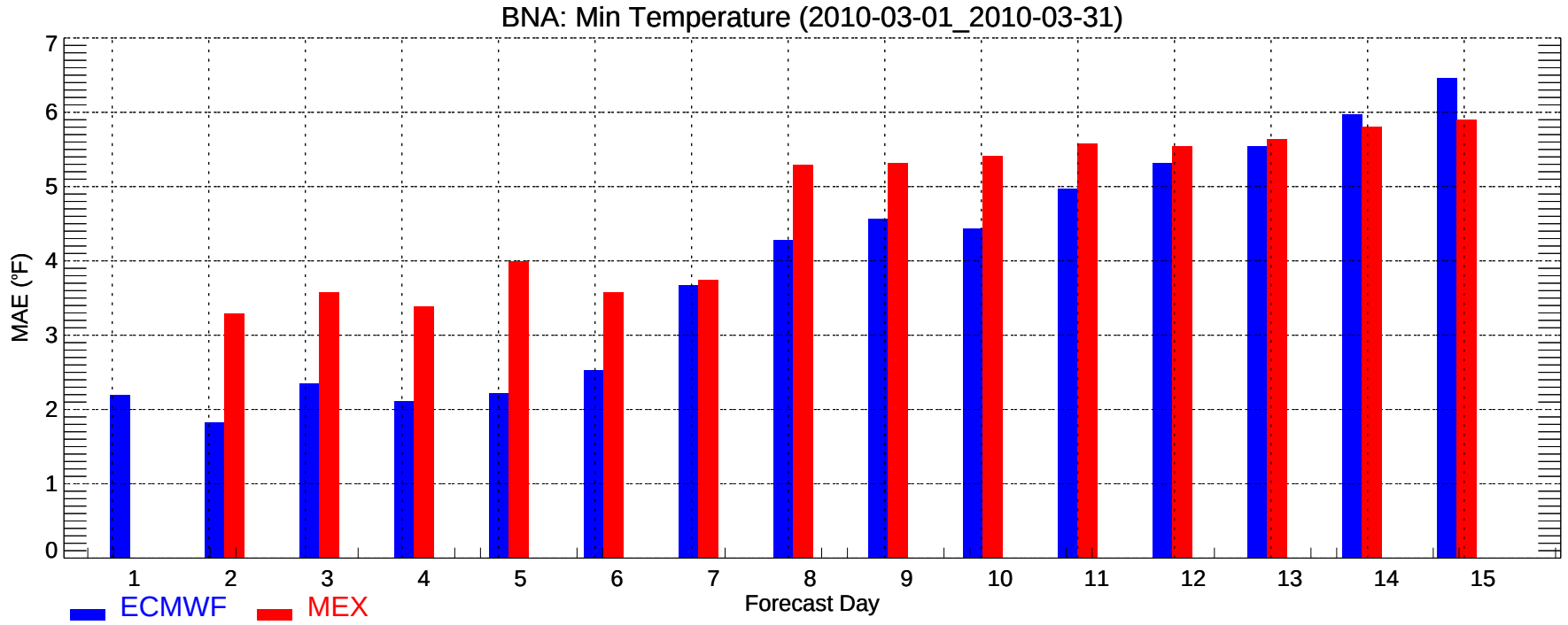

BIS: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-8
-6
-4
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BIS: Min Temperature (2010-03-01_2010-03-31)
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: Min Temperature (2010-03-01_2010-03-31)
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


BNA: Max Temperature (2010-03-01_2010-03-31)
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


BNA: Max Temperature (2010-03-01_2010-03-31)
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


BNA: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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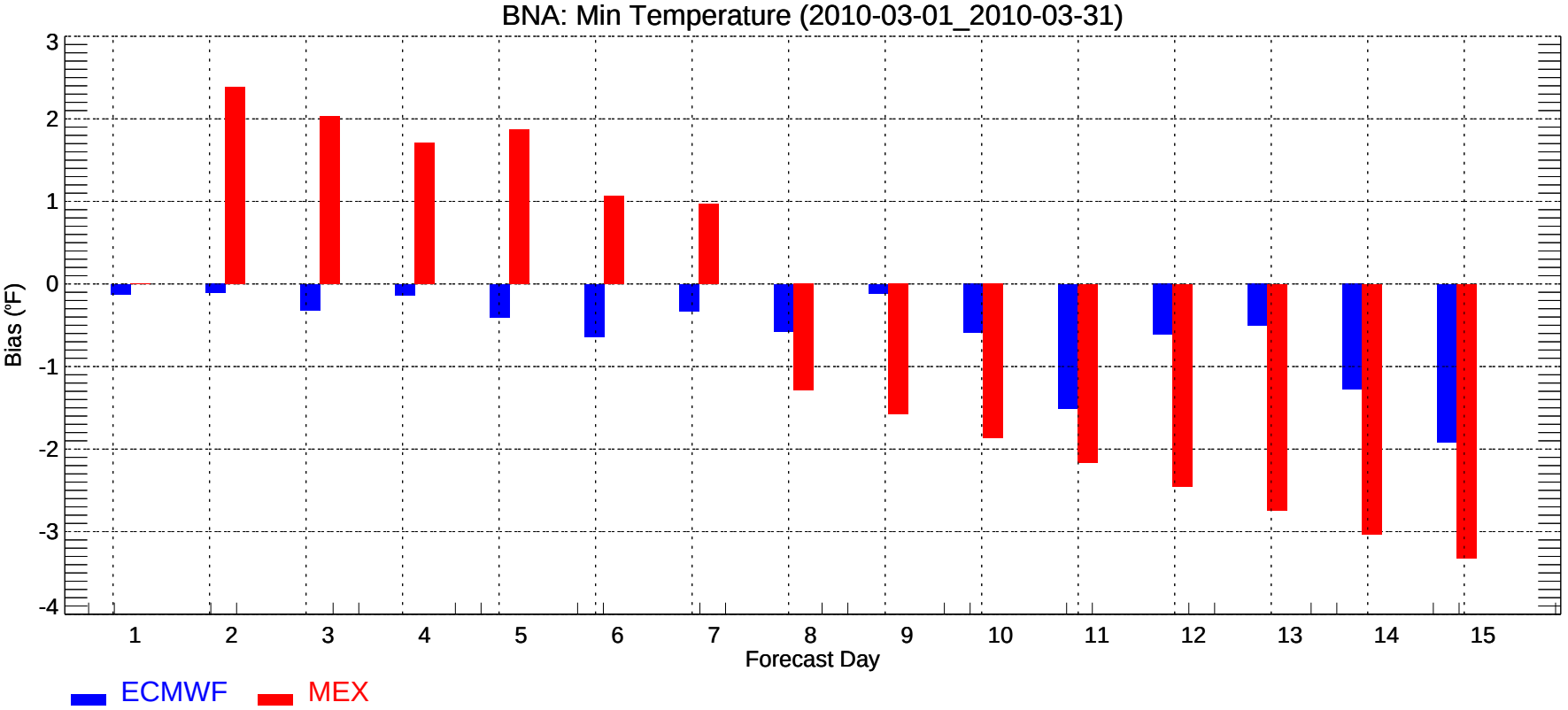
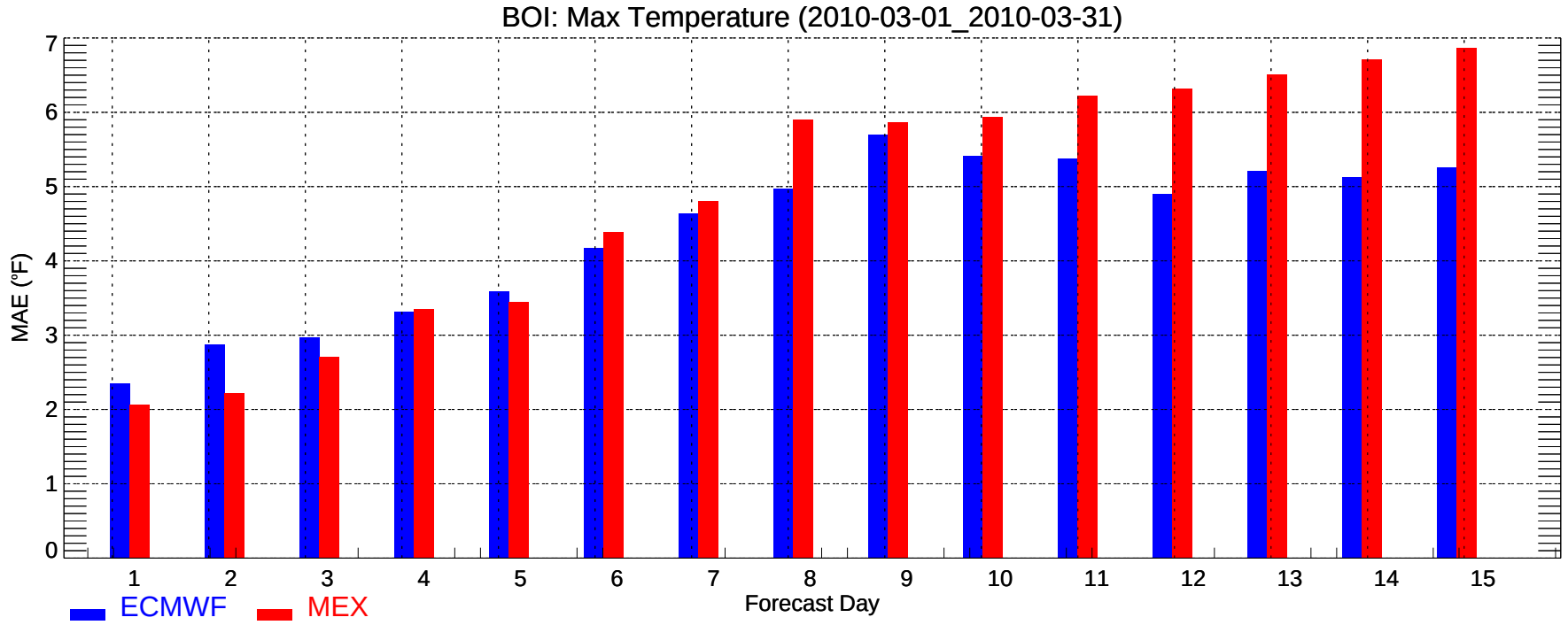
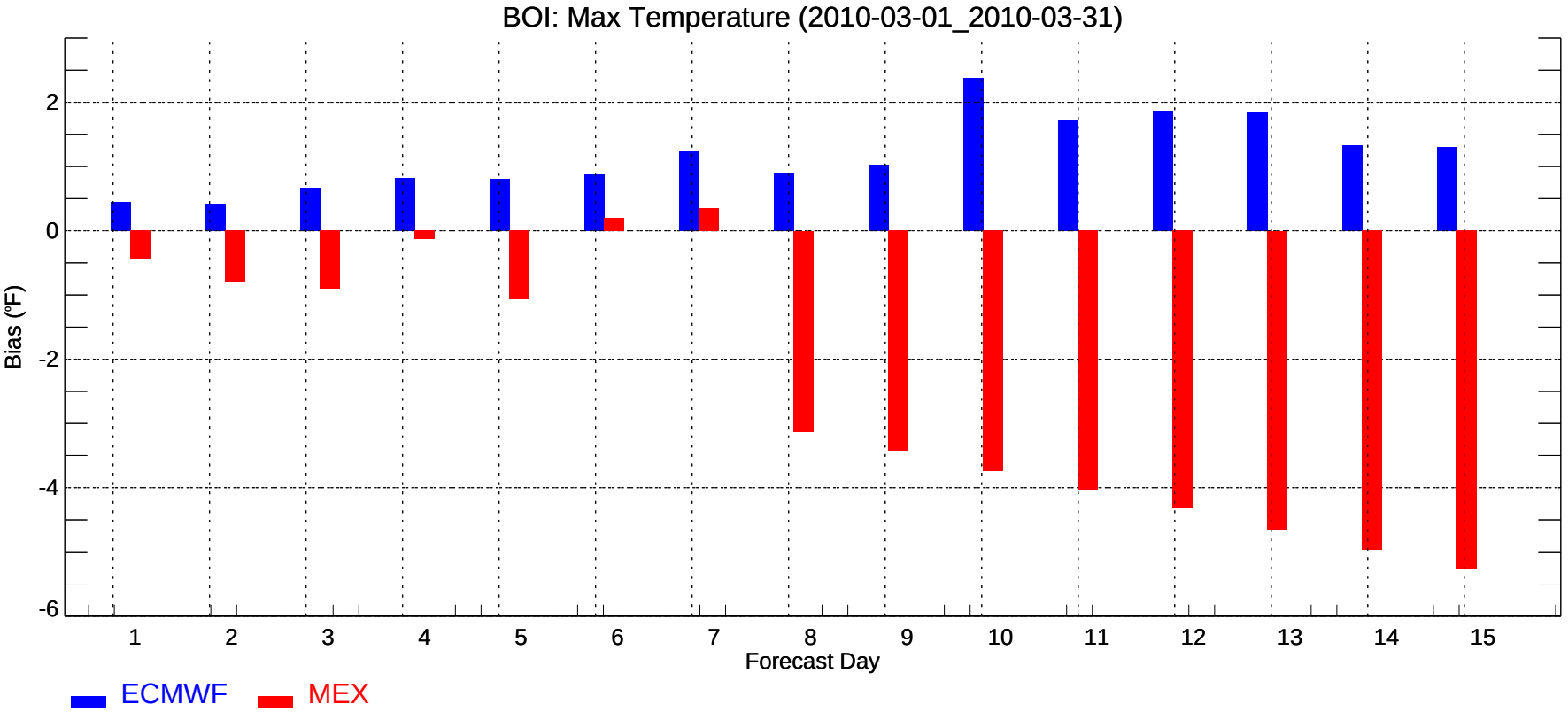
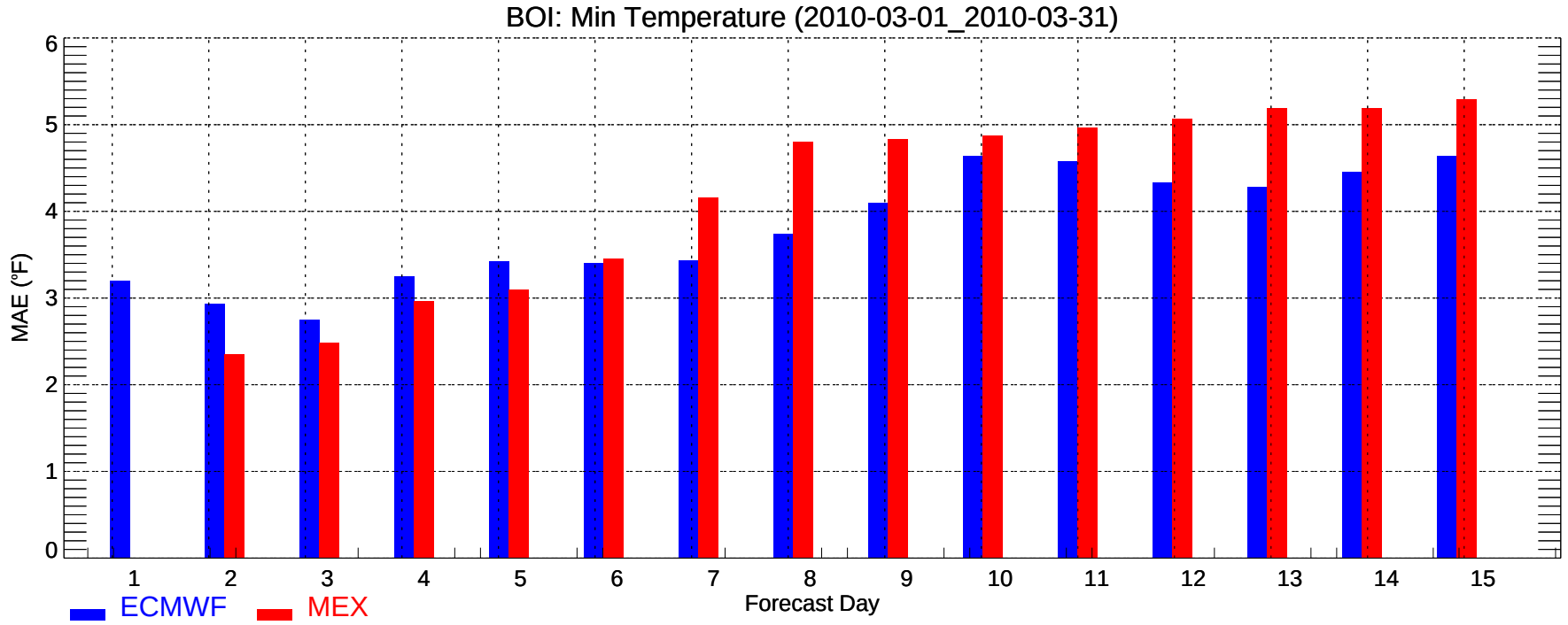
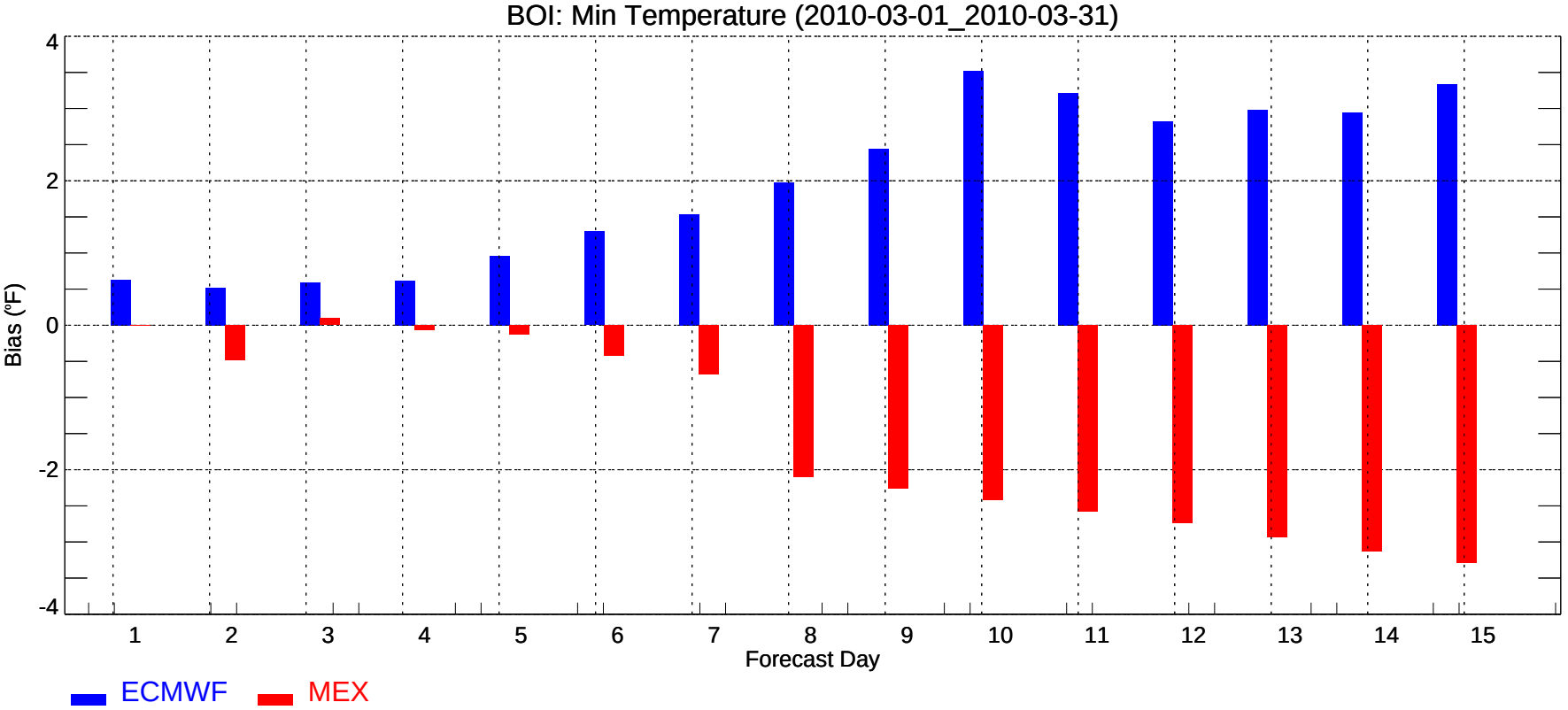
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

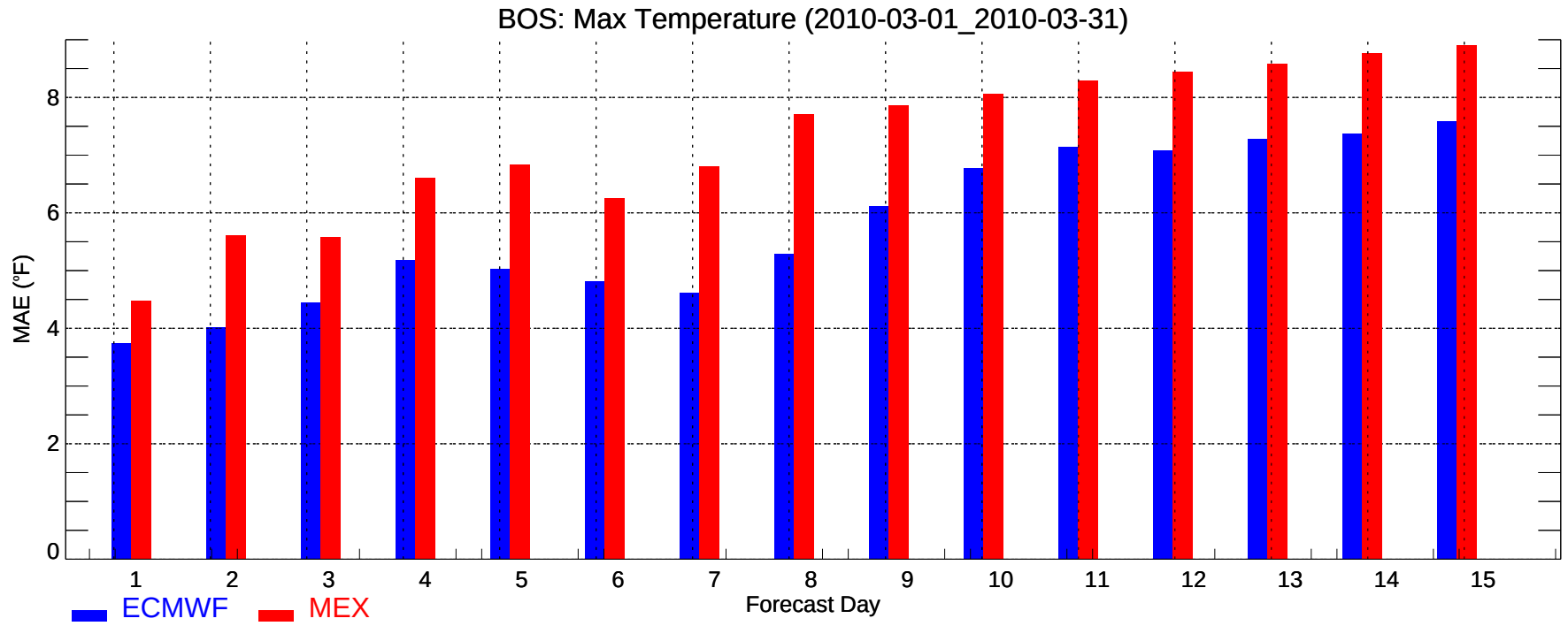

BNA: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-4
-3
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

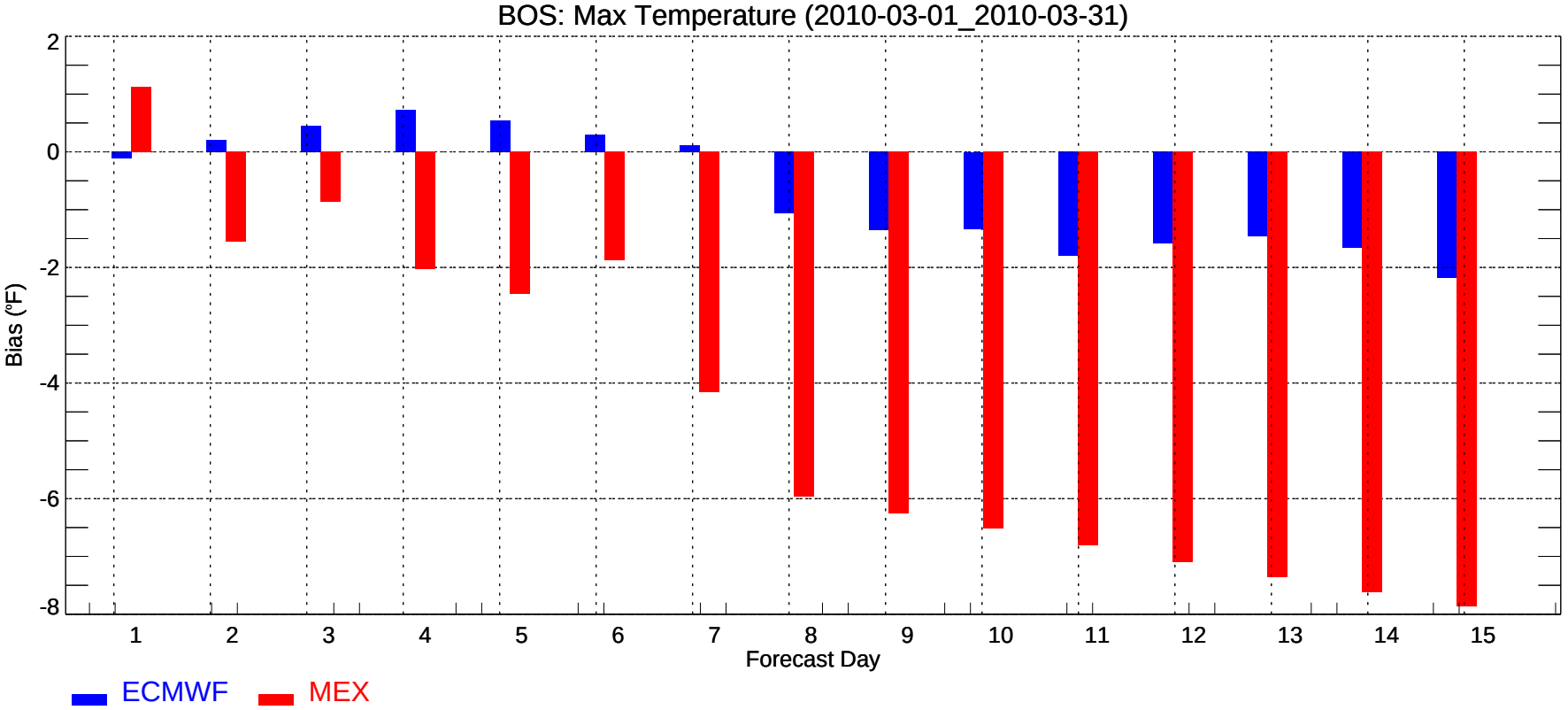

BOI: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

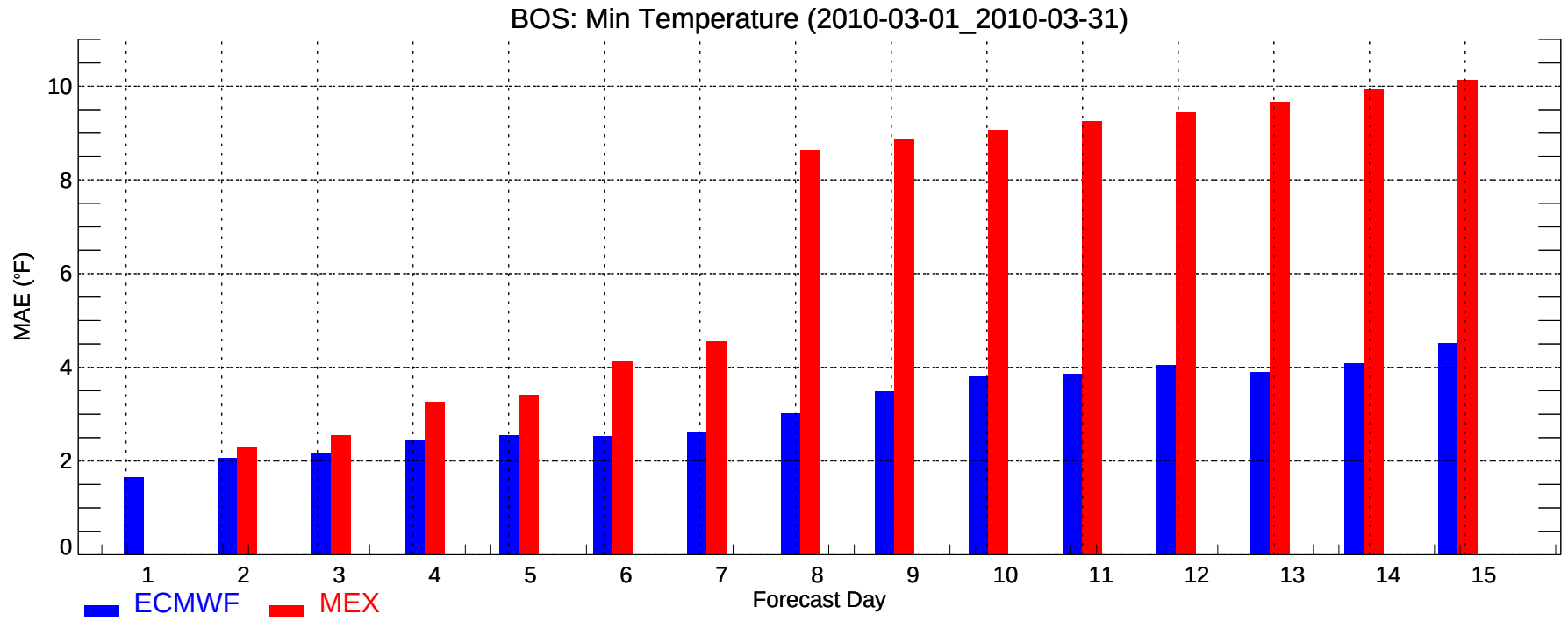

BOI: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

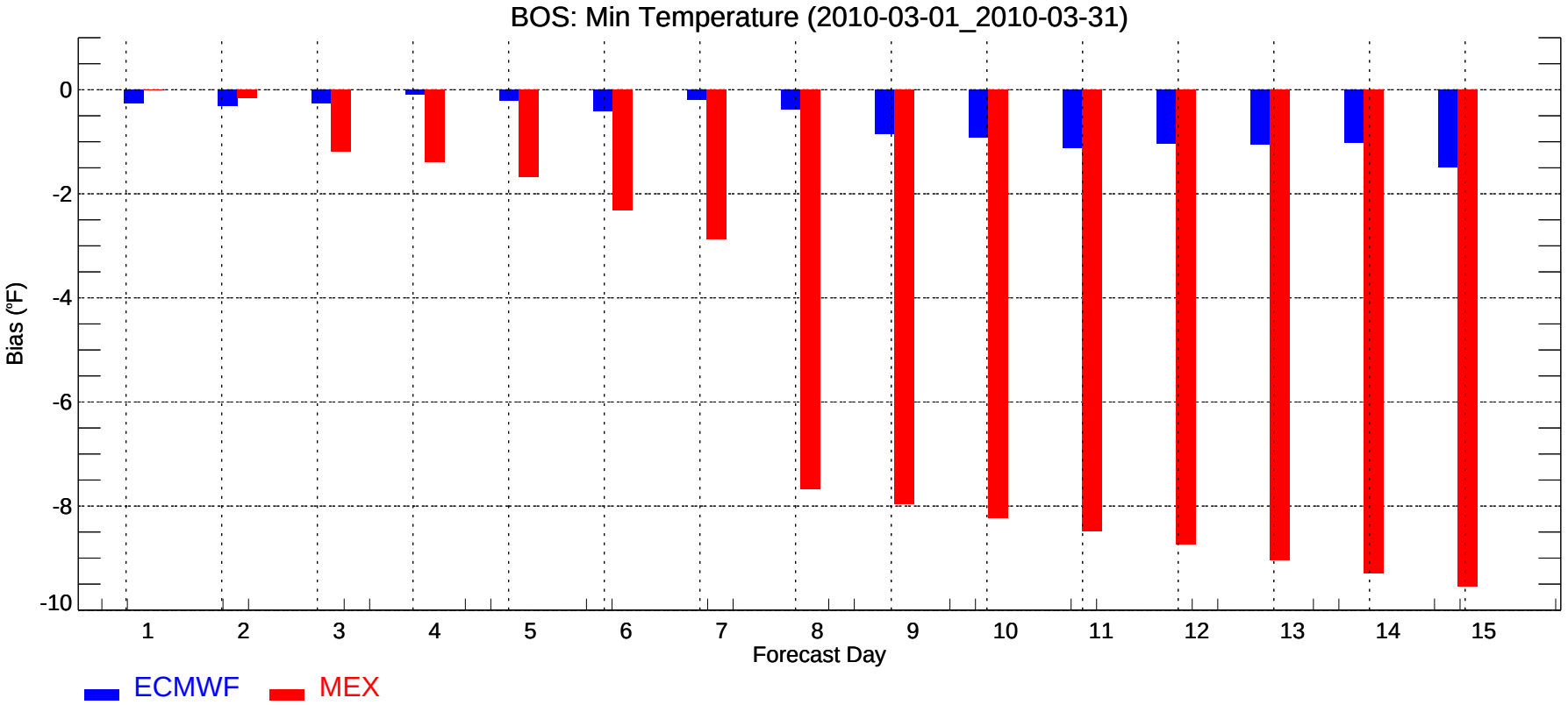

BOI: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BOI: Min Temperature (2010-03-01_2010-03-31)
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


BOS: Max Temperature (2010-03-01_2010-03-31)
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: Max Temperature (2010-03-01_2010-03-31)
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 (2010-03-01_2010-03-31)
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: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
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5
6
7
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10
11
12
13
14
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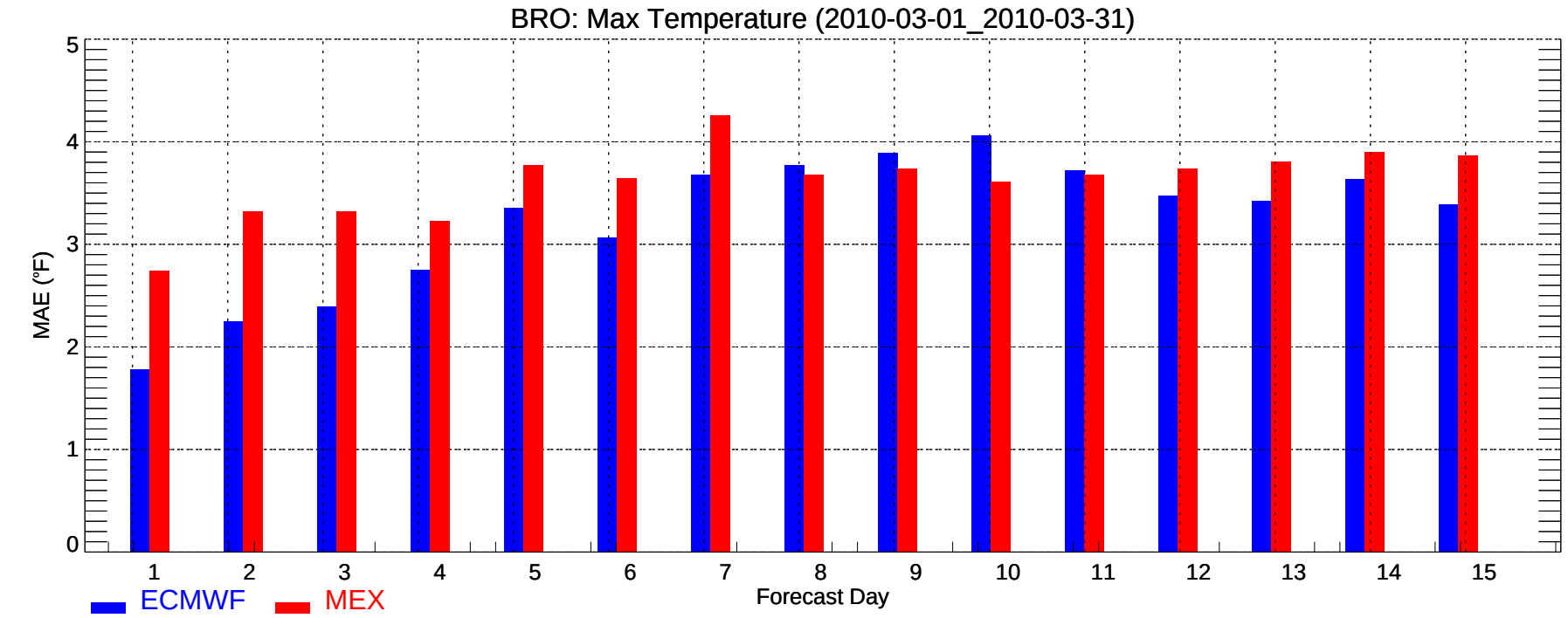
Forecast Day
ECMWF
MEX


BRO: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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12
13
14
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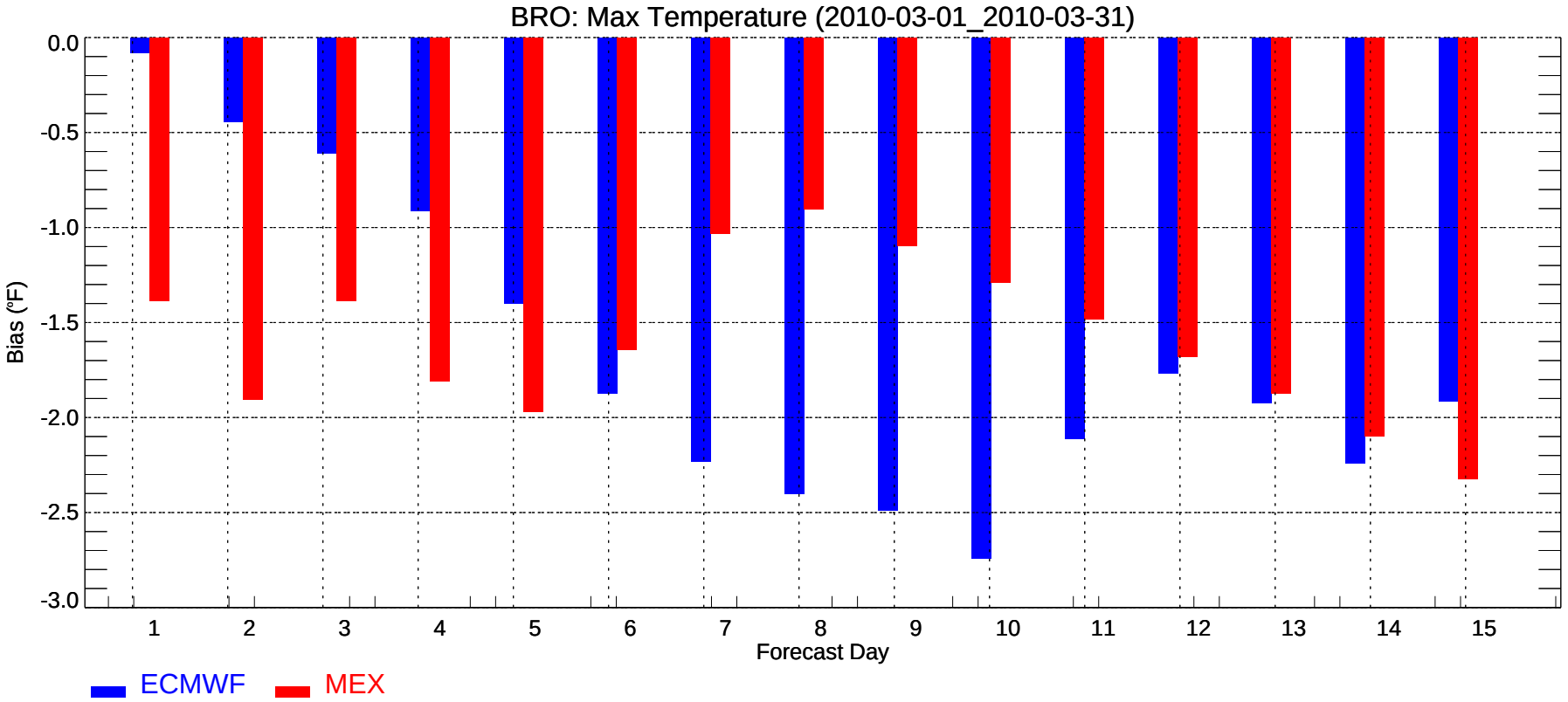
Forecast Day
ECMWF
MEX


BRO: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
-3.0
1
2
3
4
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6
7
8
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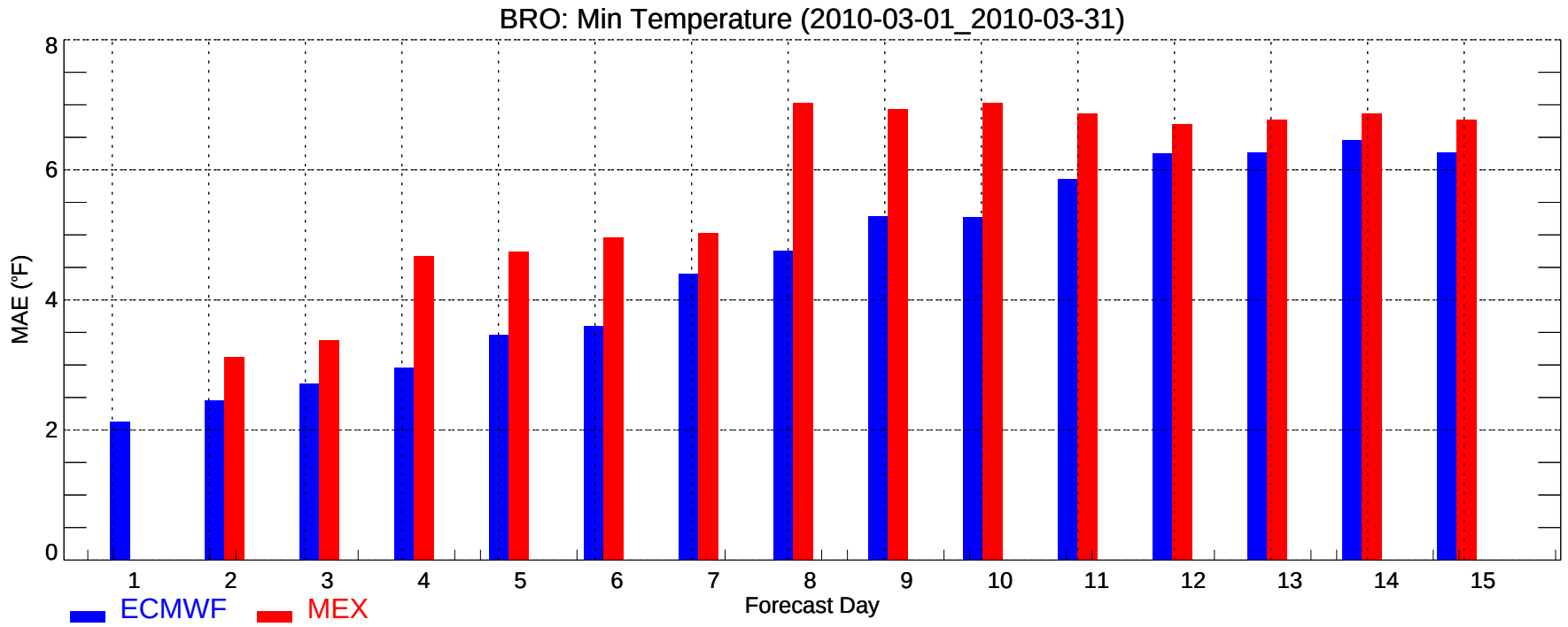
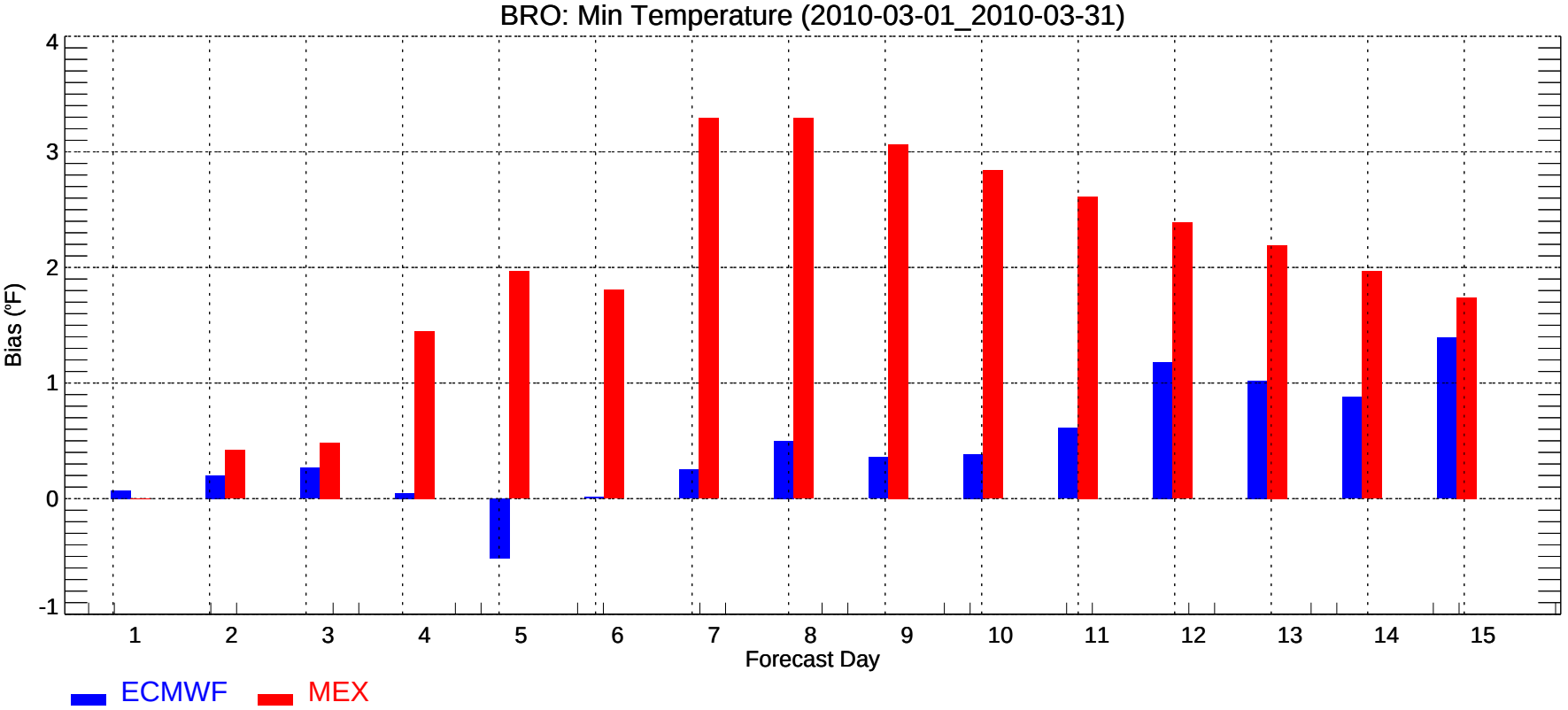
11
12
13
14
15
Forecast Day
ECMWF
MEX


BRO: Min Temperature (2010-03-01_2010-03-31)
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: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
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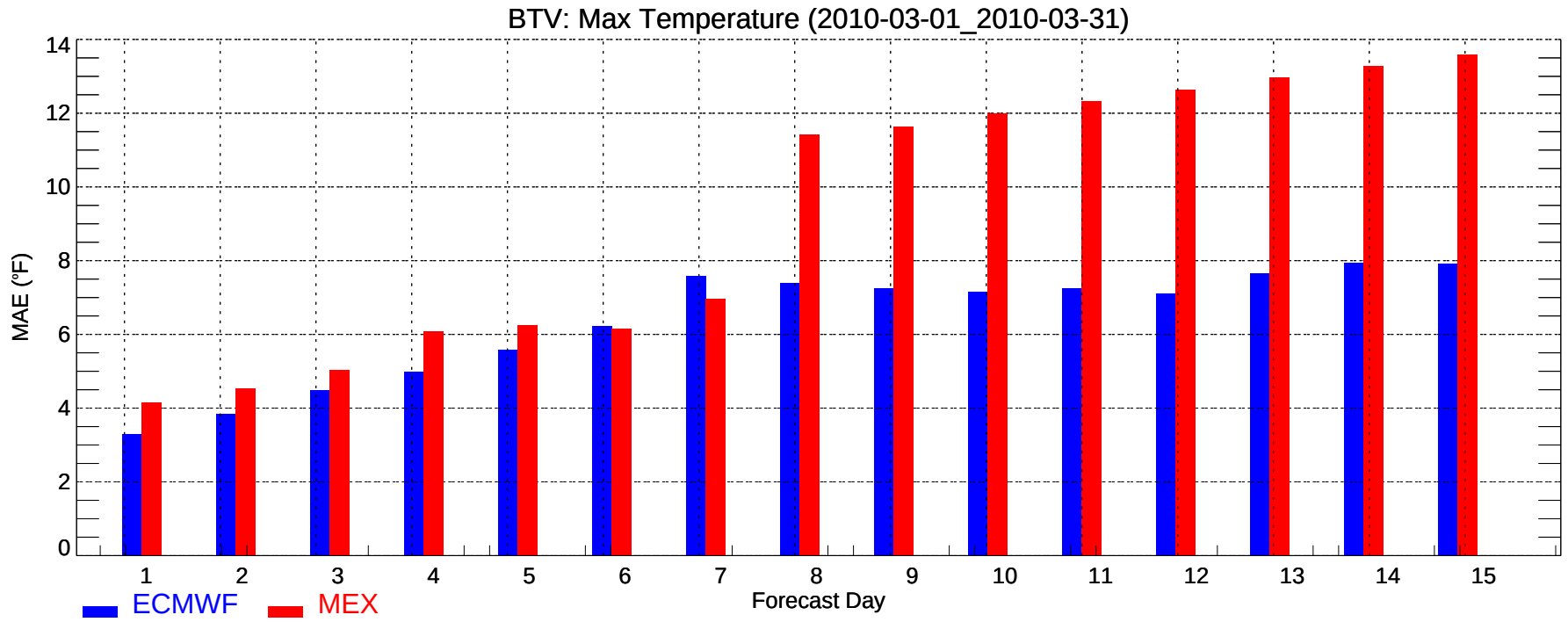
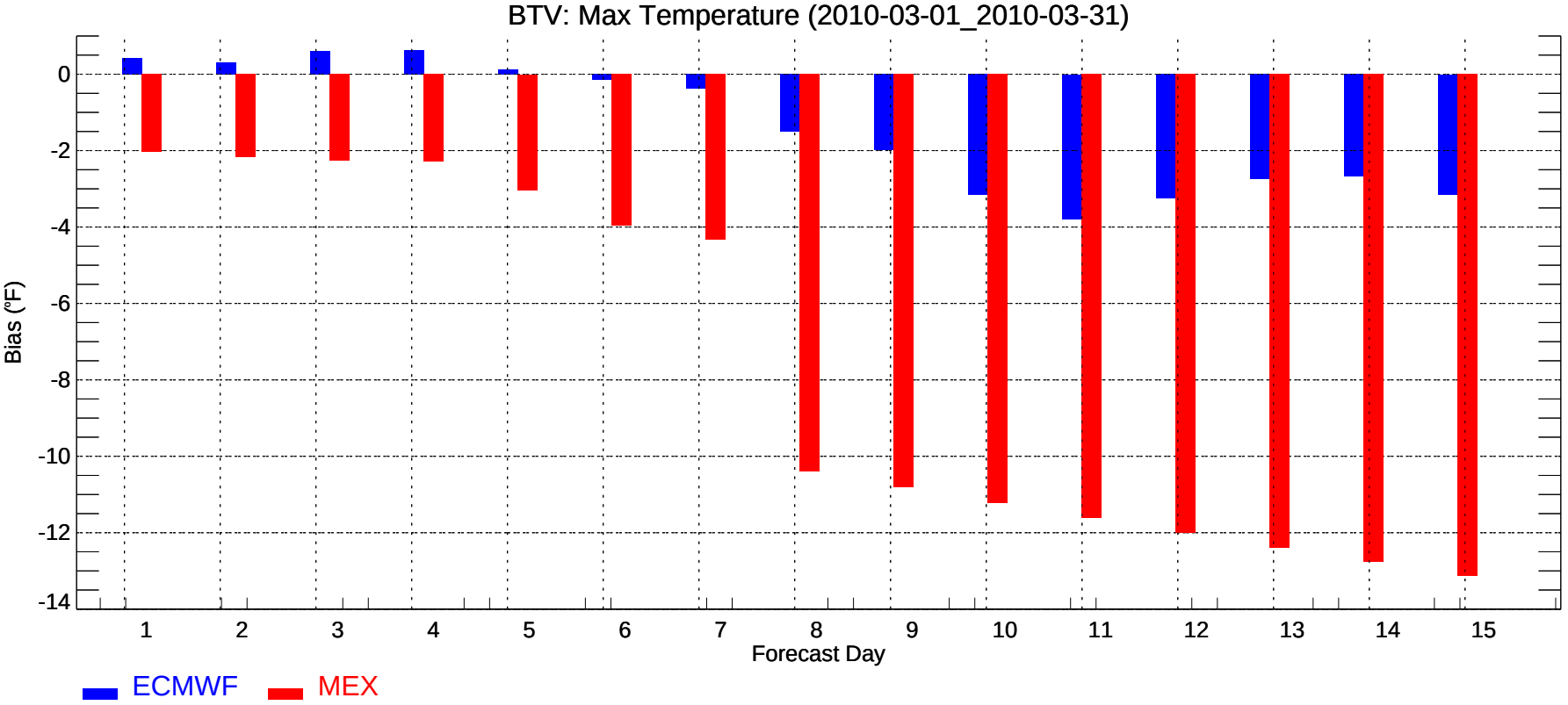
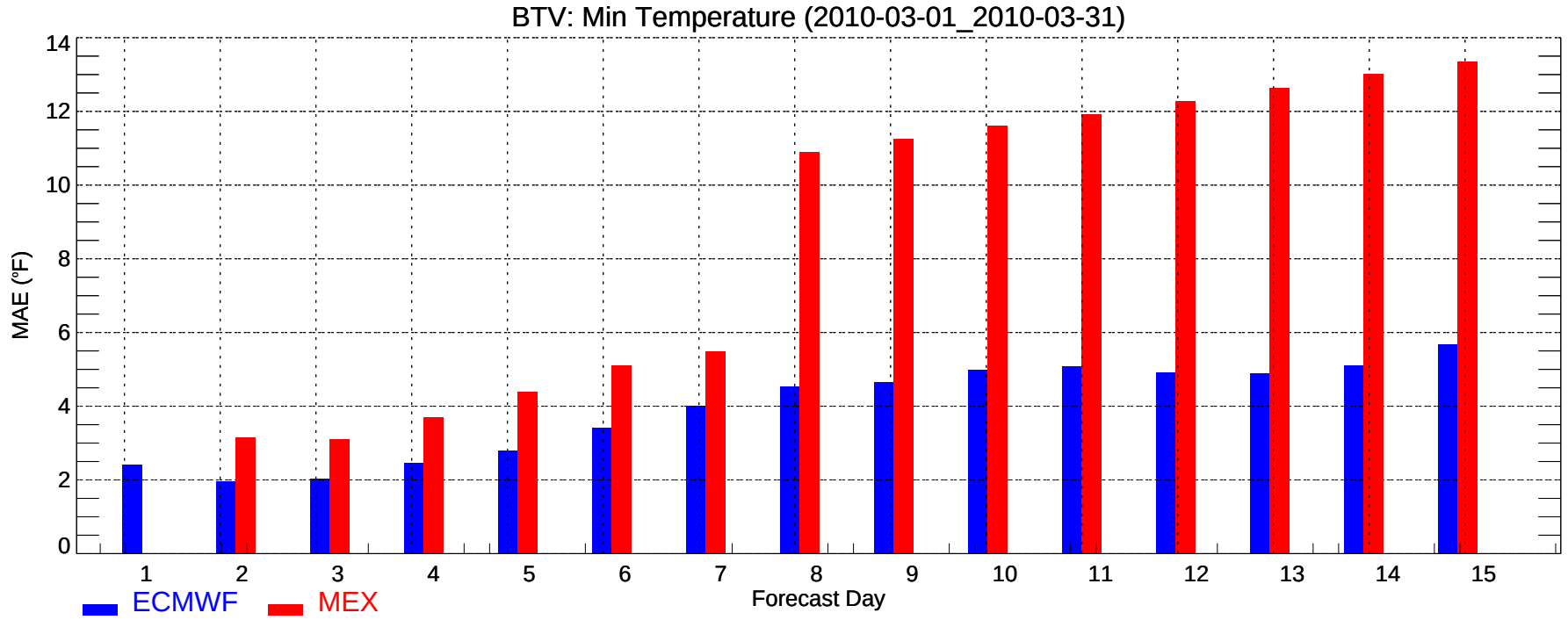
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BTV: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
Forecast Day
ECMWF
MEX


BTV: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
Forecast Day
ECMWF
MEX


BTV: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
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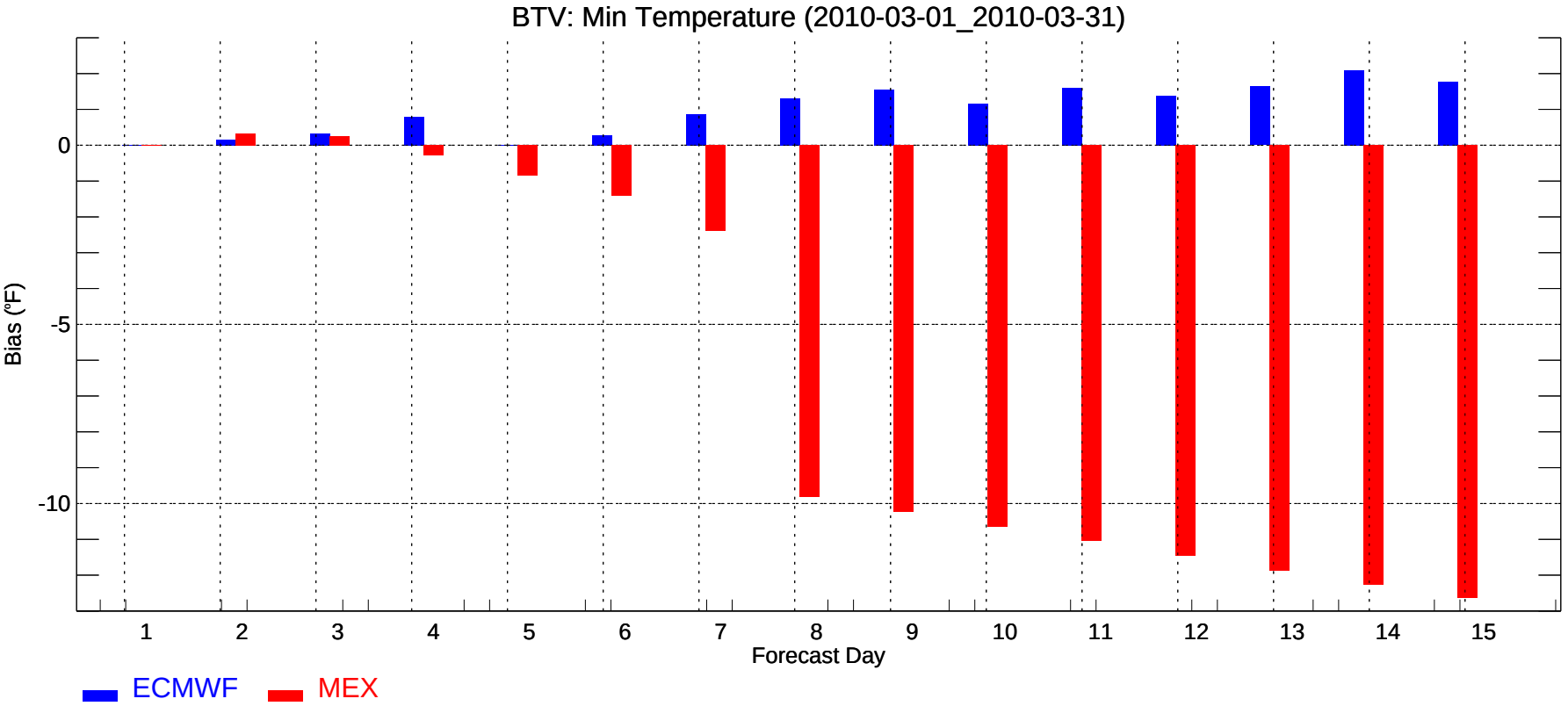
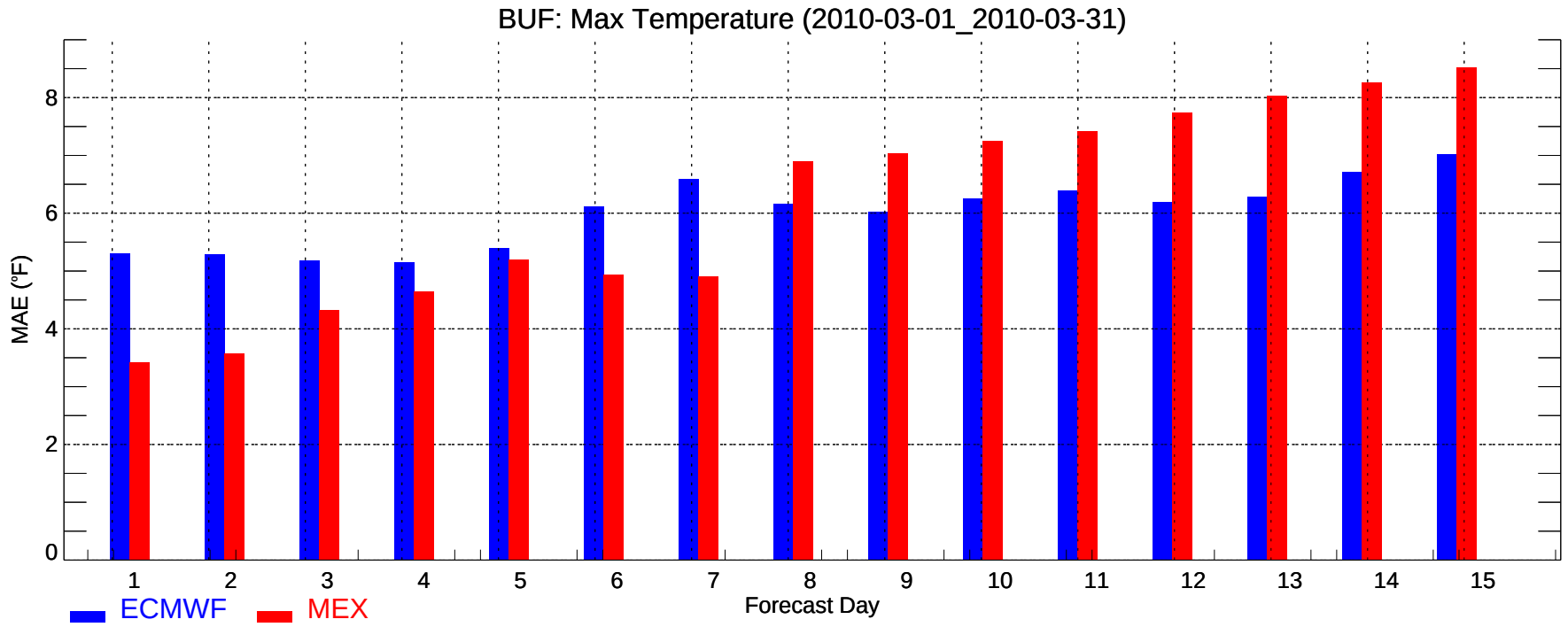
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BTV: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BUF: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
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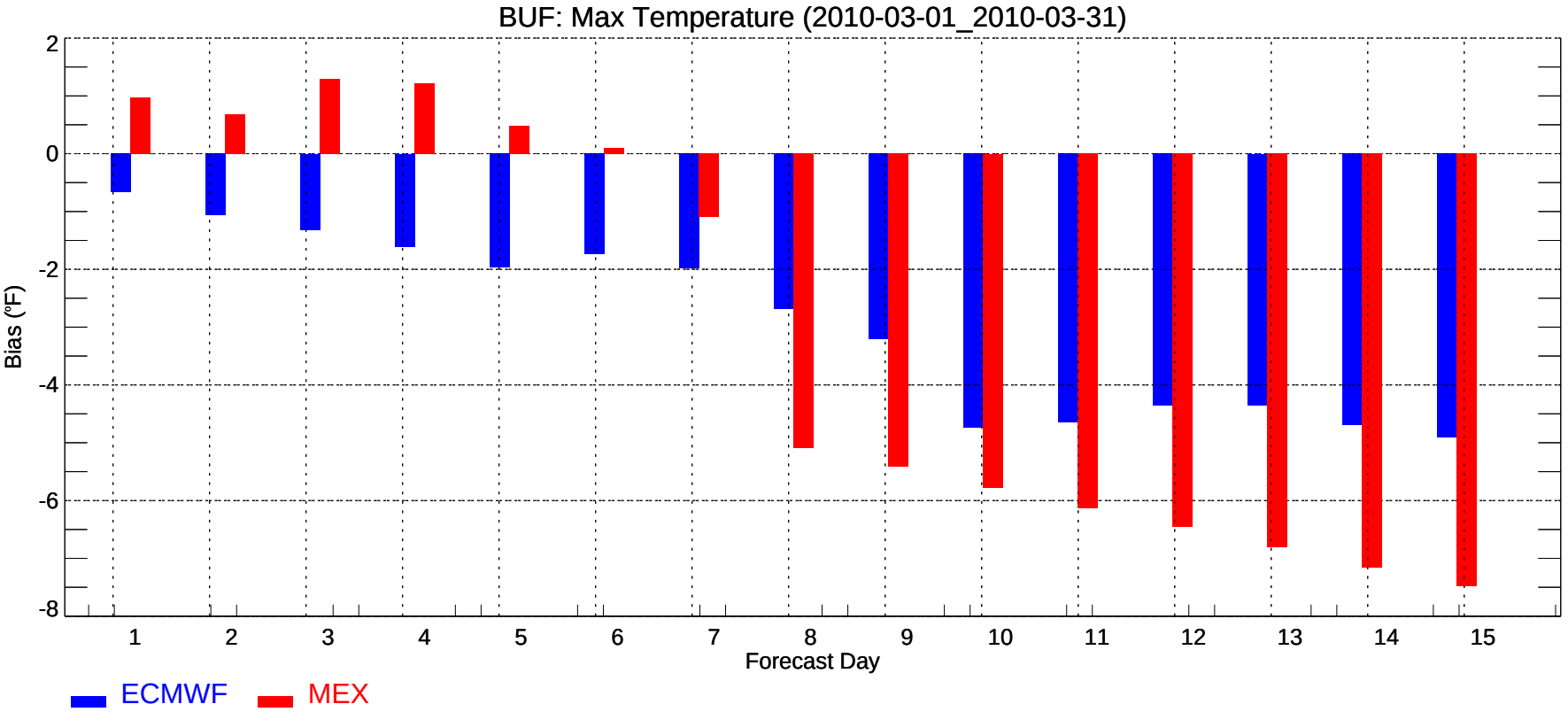
13
14
15
Forecast Day
ECMWF
MEX


BUF: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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6
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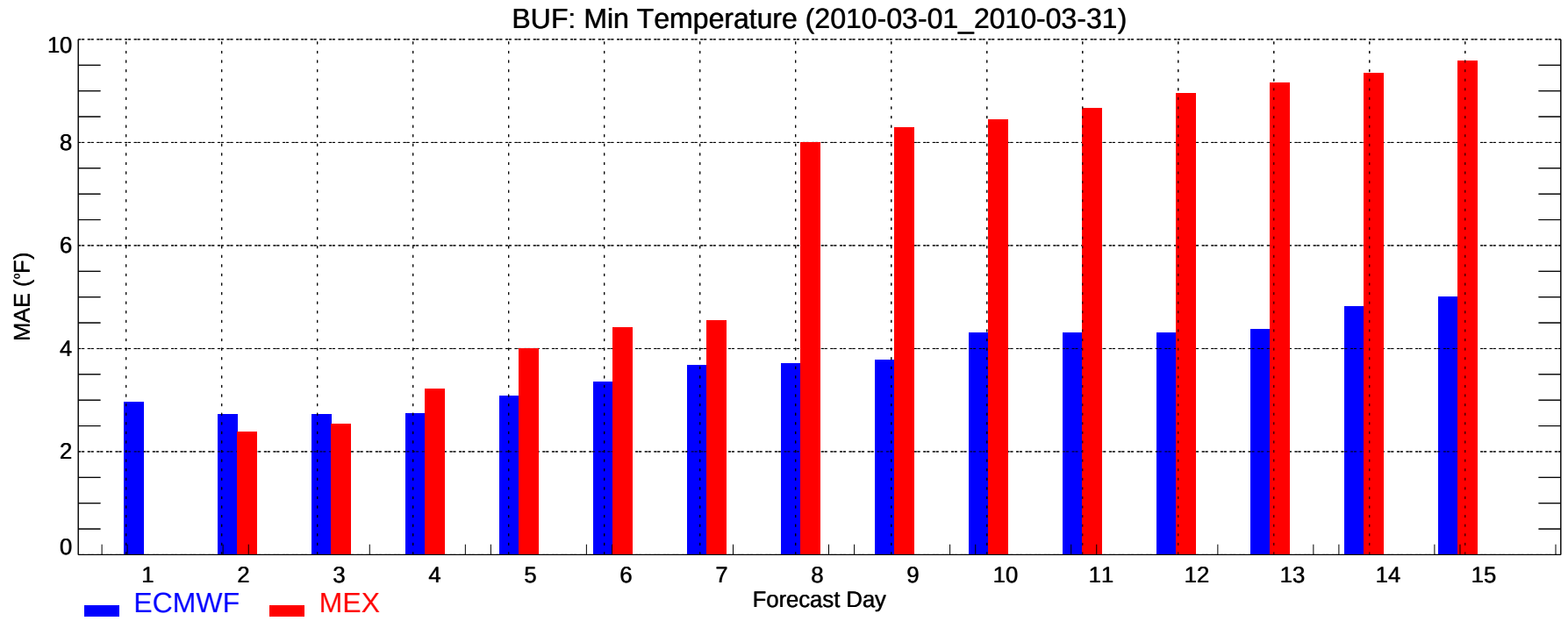
Forecast Day
ECMWF
MEX


BUF: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
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13
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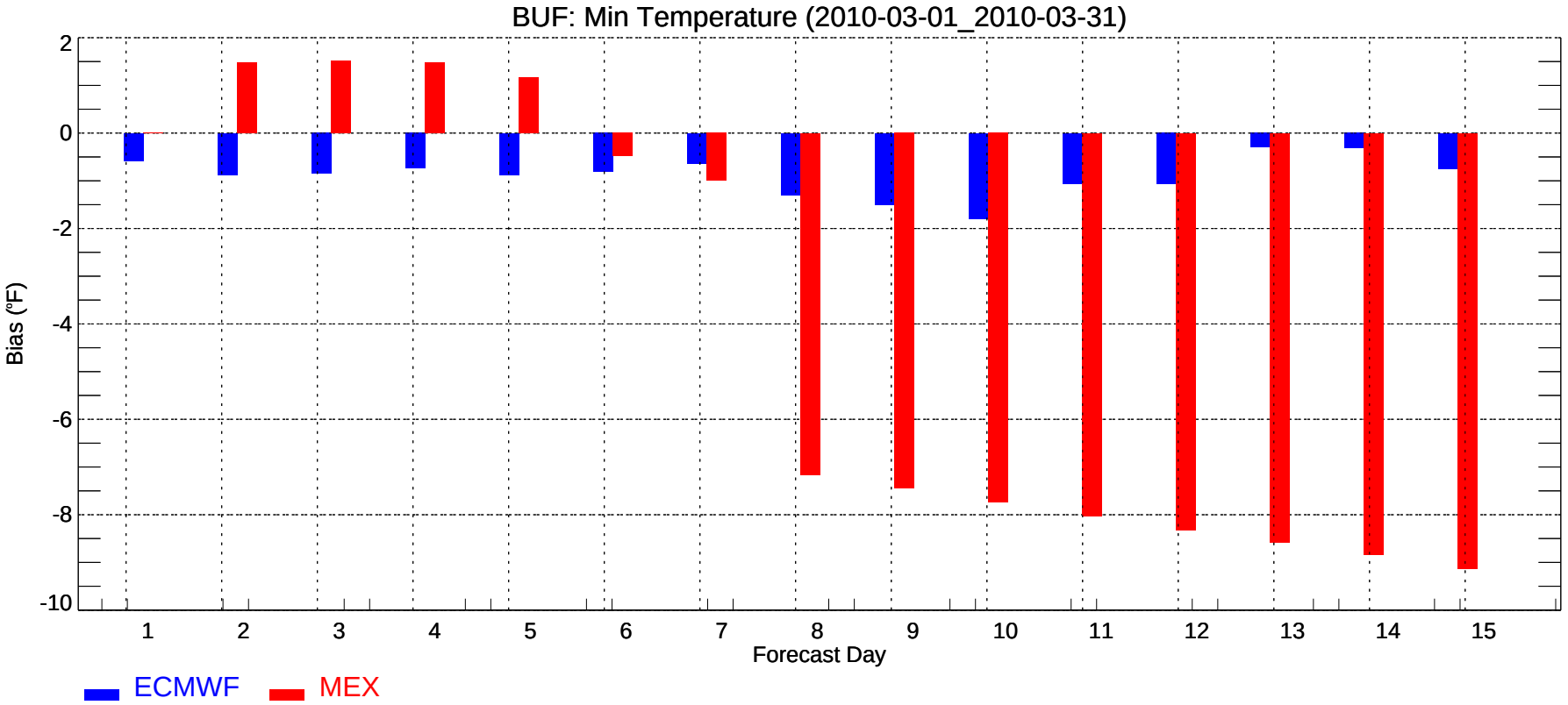
Forecast Day
ECMWF
MEX


BUF: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
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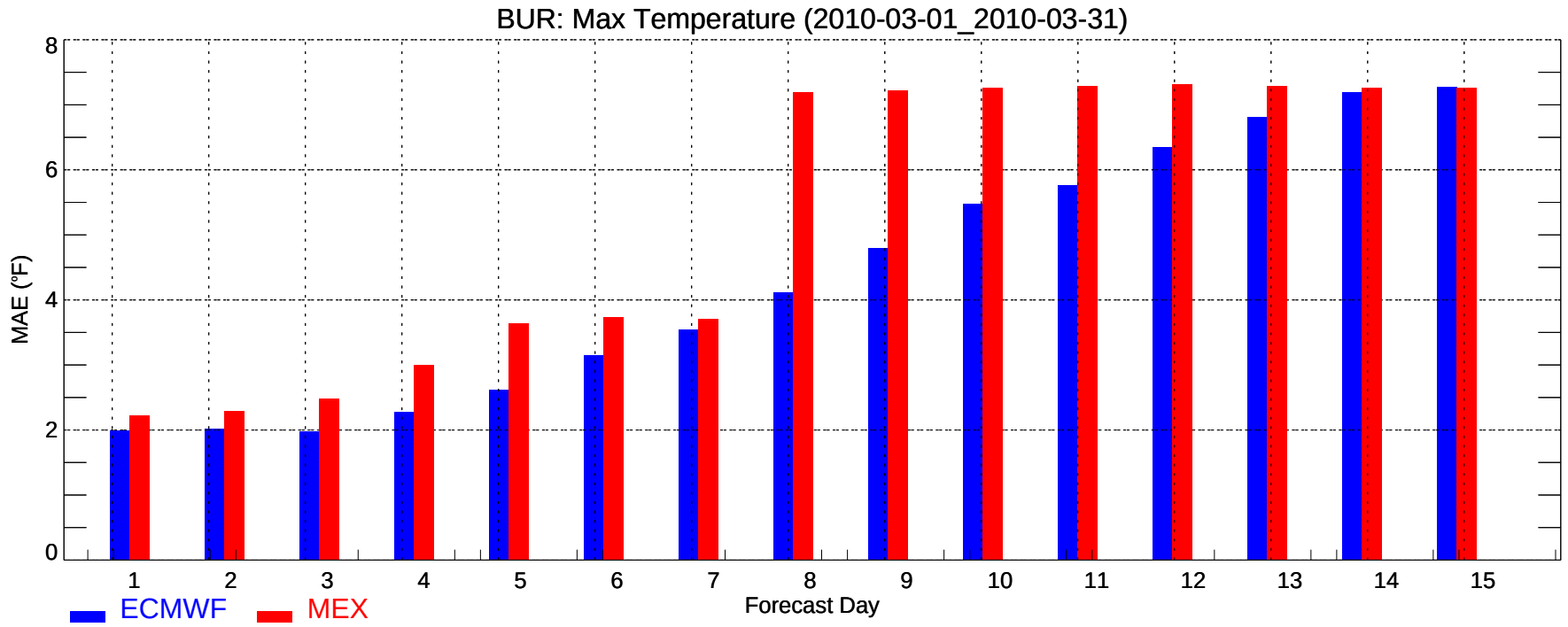
Forecast Day
ECMWF
MEX


BUR: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
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6
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8
9
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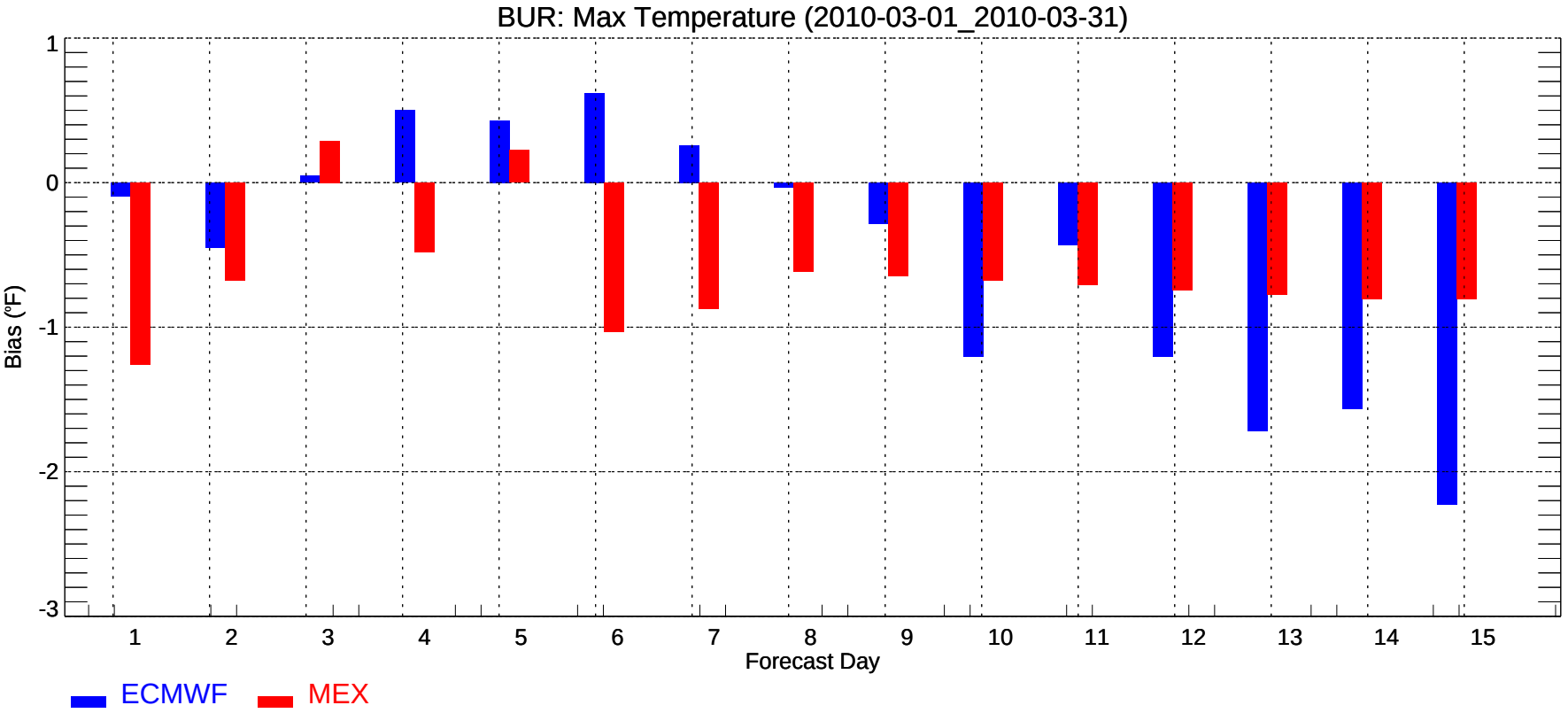
11
12
13
14
15
Forecast Day
ECMWF
MEX


BUR: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
1
2
3
4
5
6
7
8
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10
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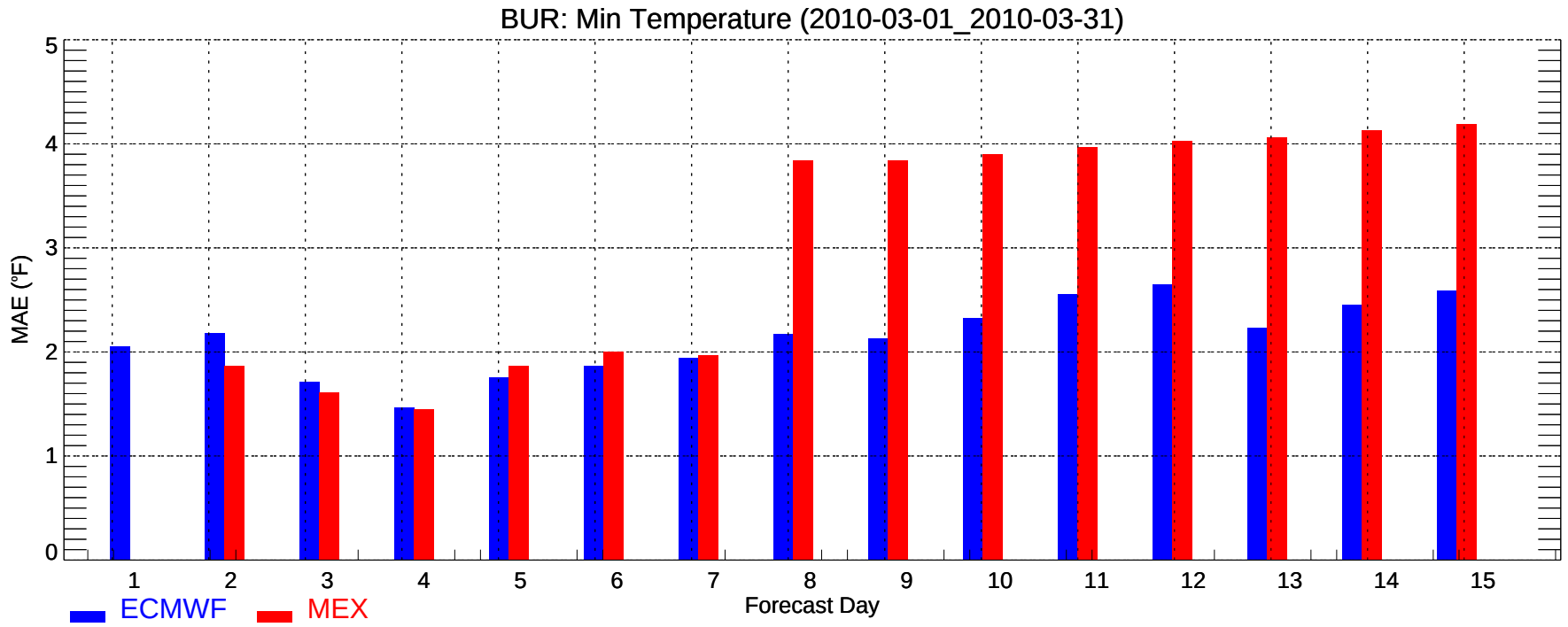
12
13
14
15
Forecast Day
ECMWF
MEX


BUR: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
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4
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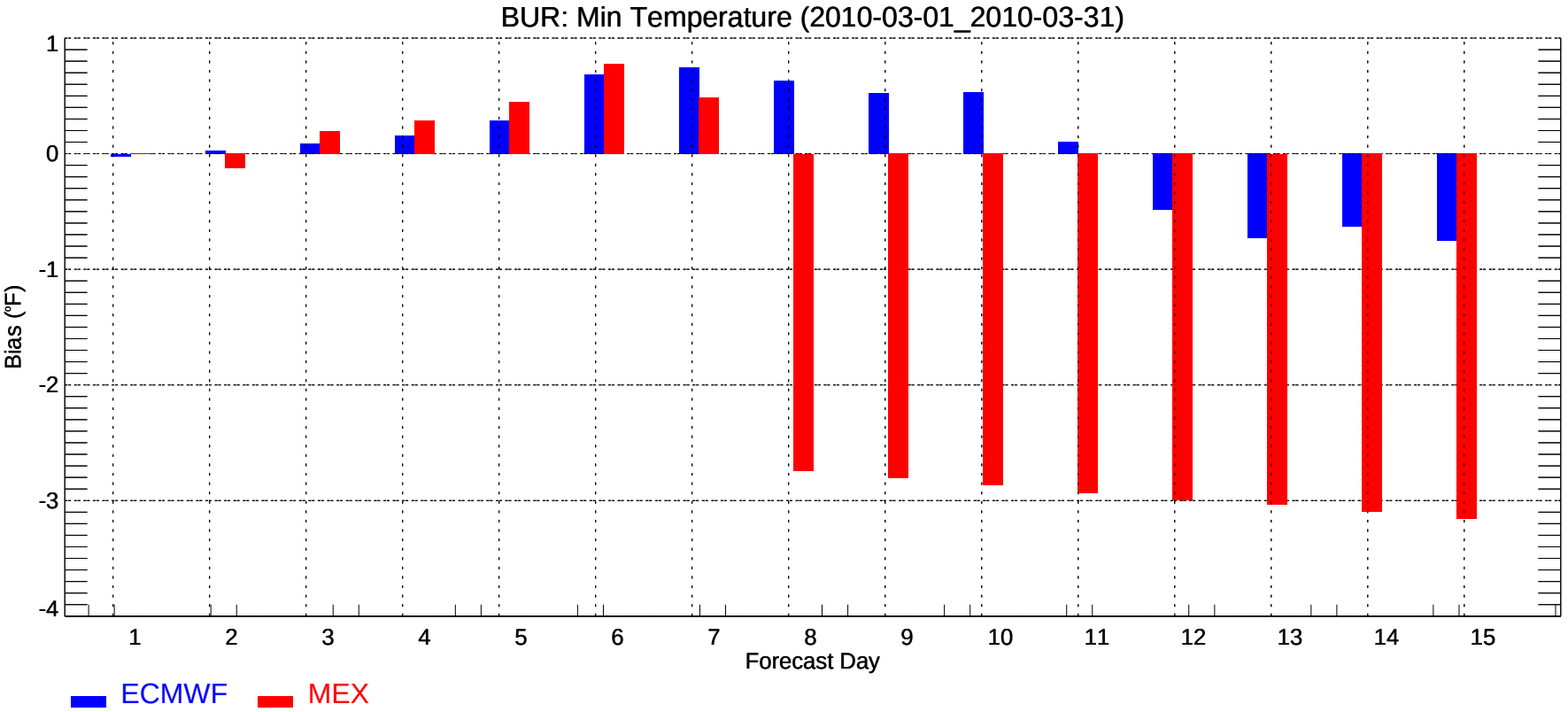
14
15
Forecast Day
ECMWF
MEX


BUR: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
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12
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14
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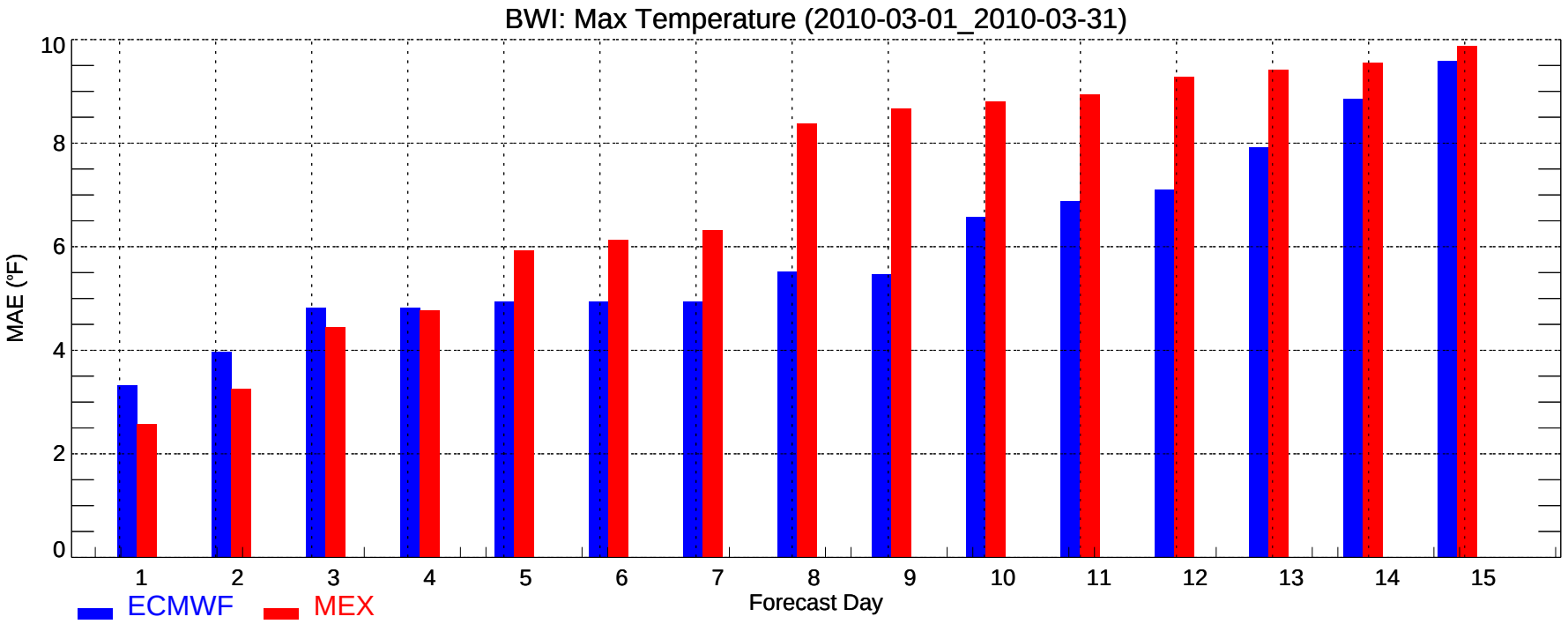
Forecast Day
ECMWF
MEX


BWI: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
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11
12
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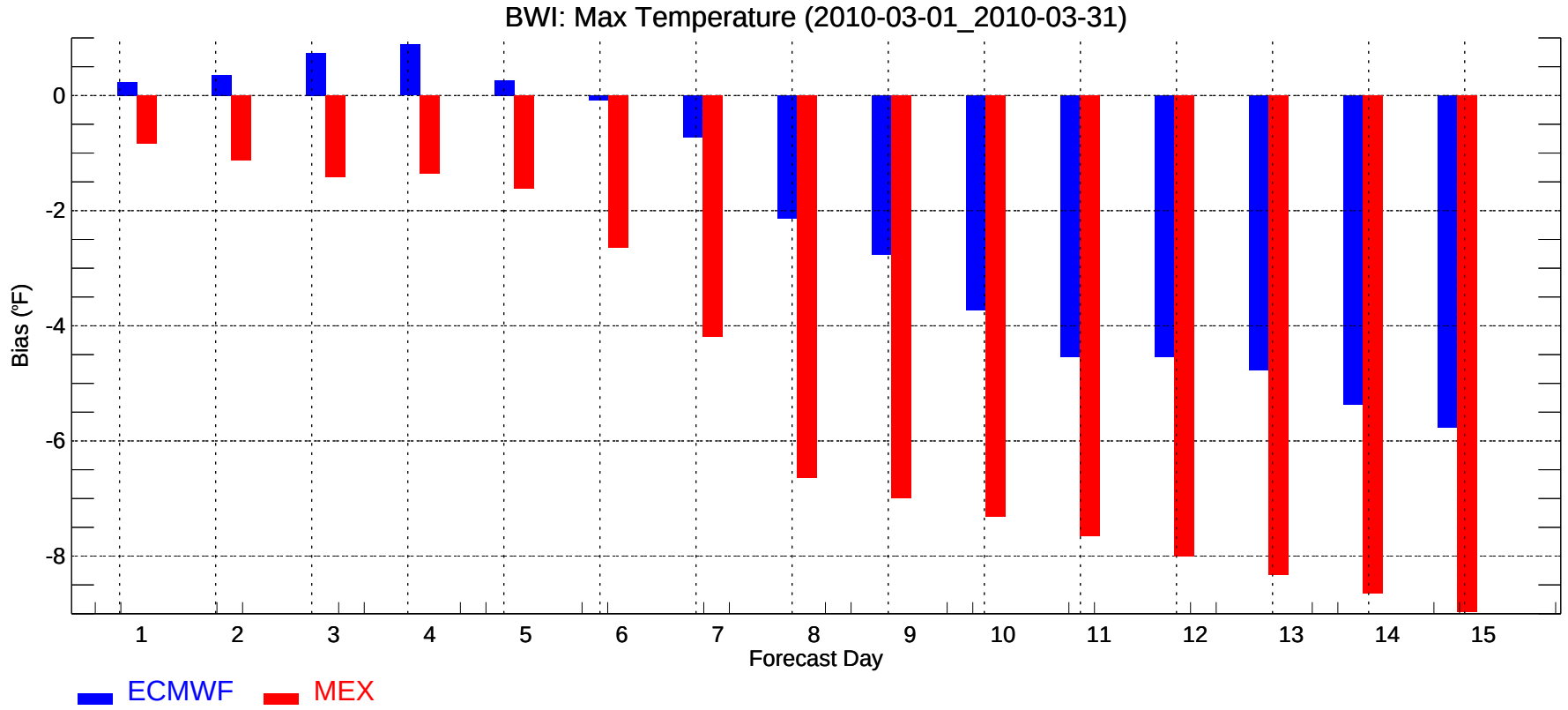
14
15
Forecast Day
ECMWF
MEX


BWI: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
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4
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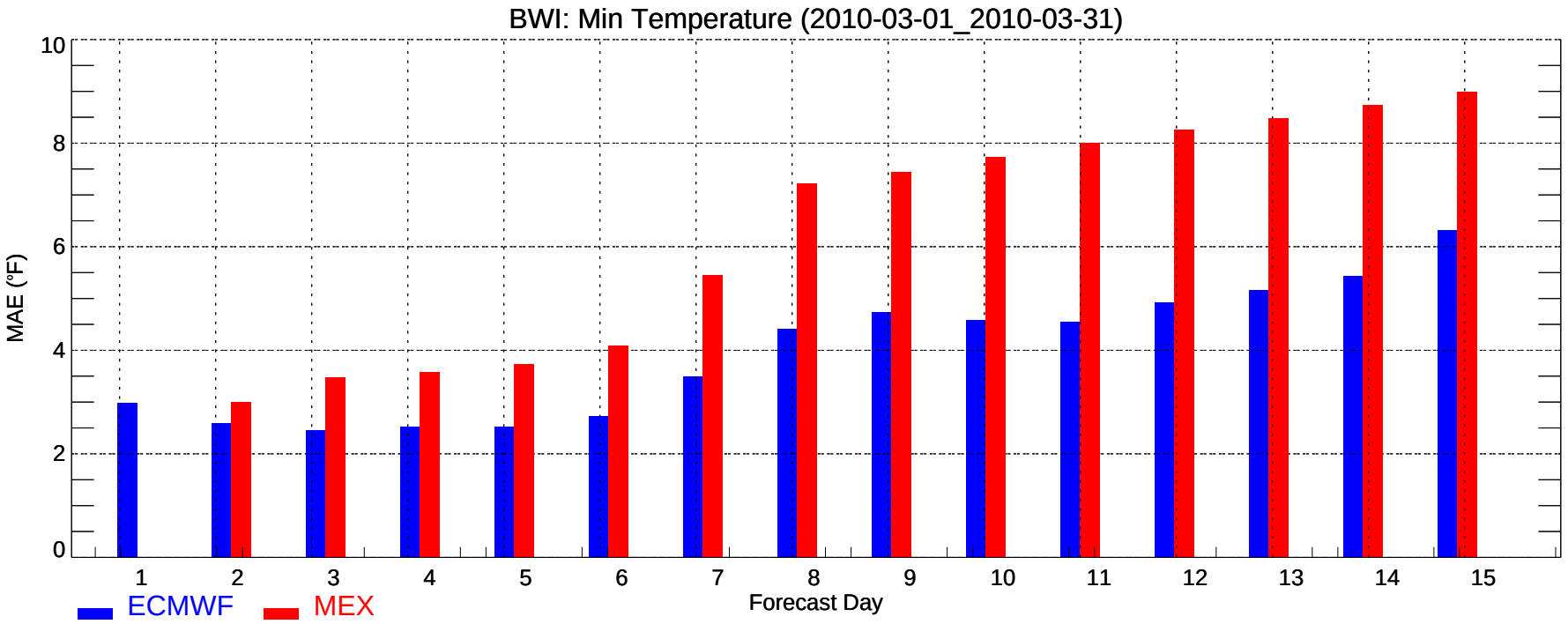
14
15
Forecast Day
ECMWF
MEX


BWI: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
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8
10
1
2
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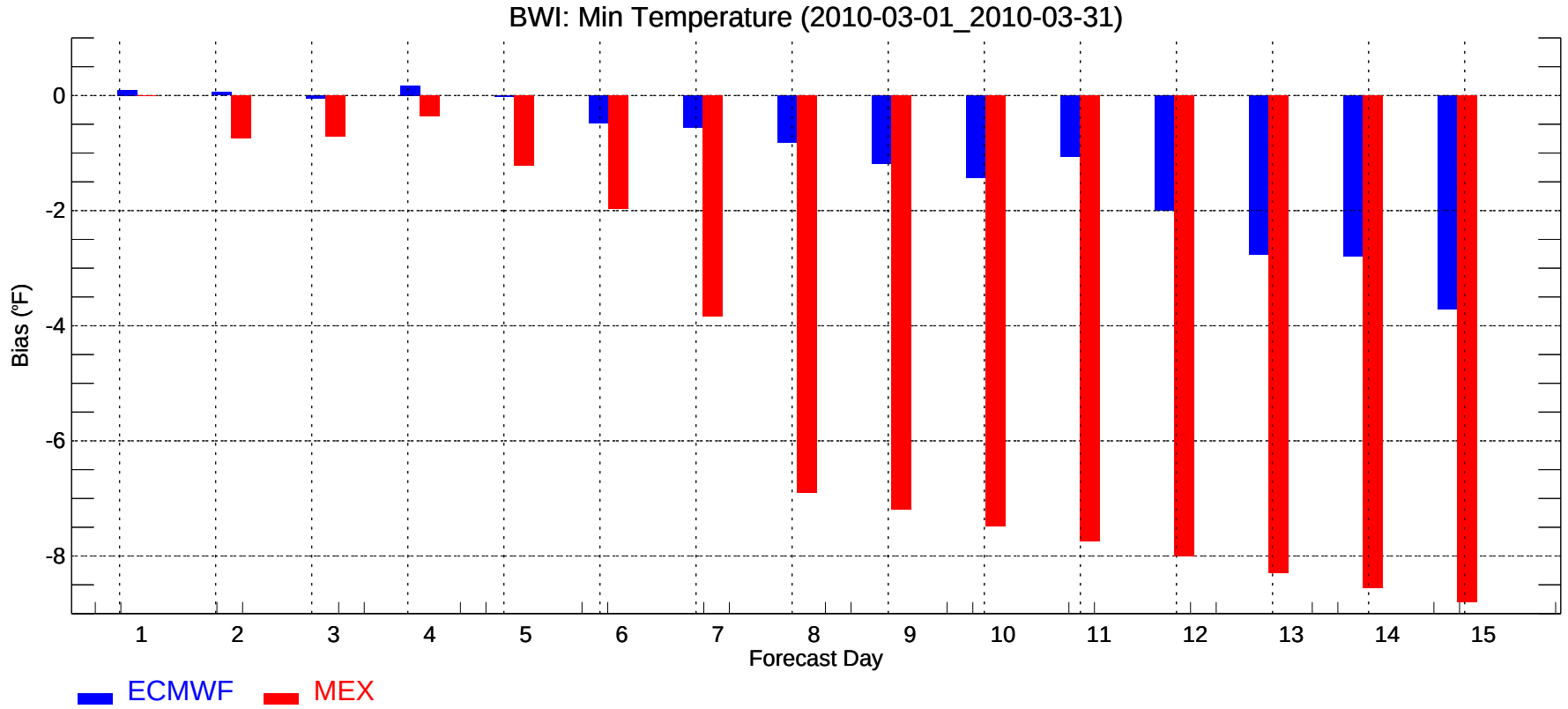
15
Forecast Day
ECMWF
MEX


BWI: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
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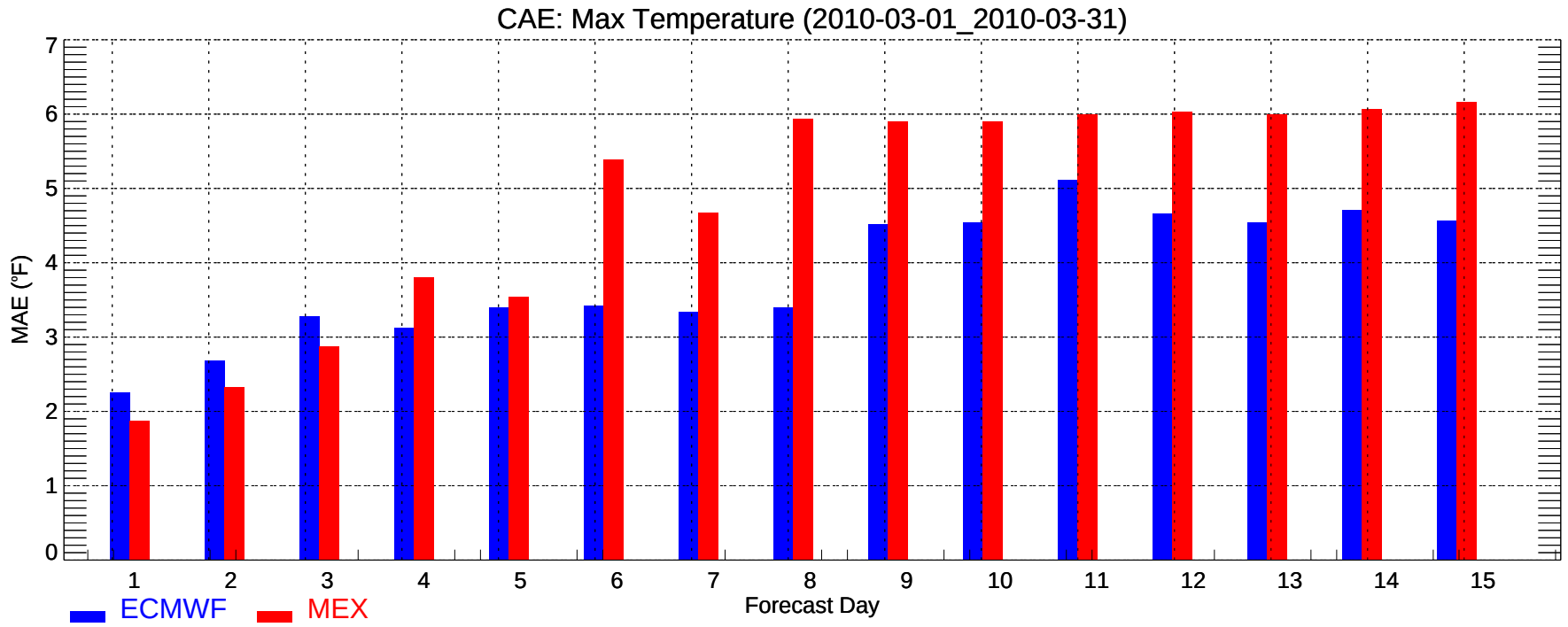
Forecast Day
ECMWF
MEX


CAE: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
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4
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6
7
1
2
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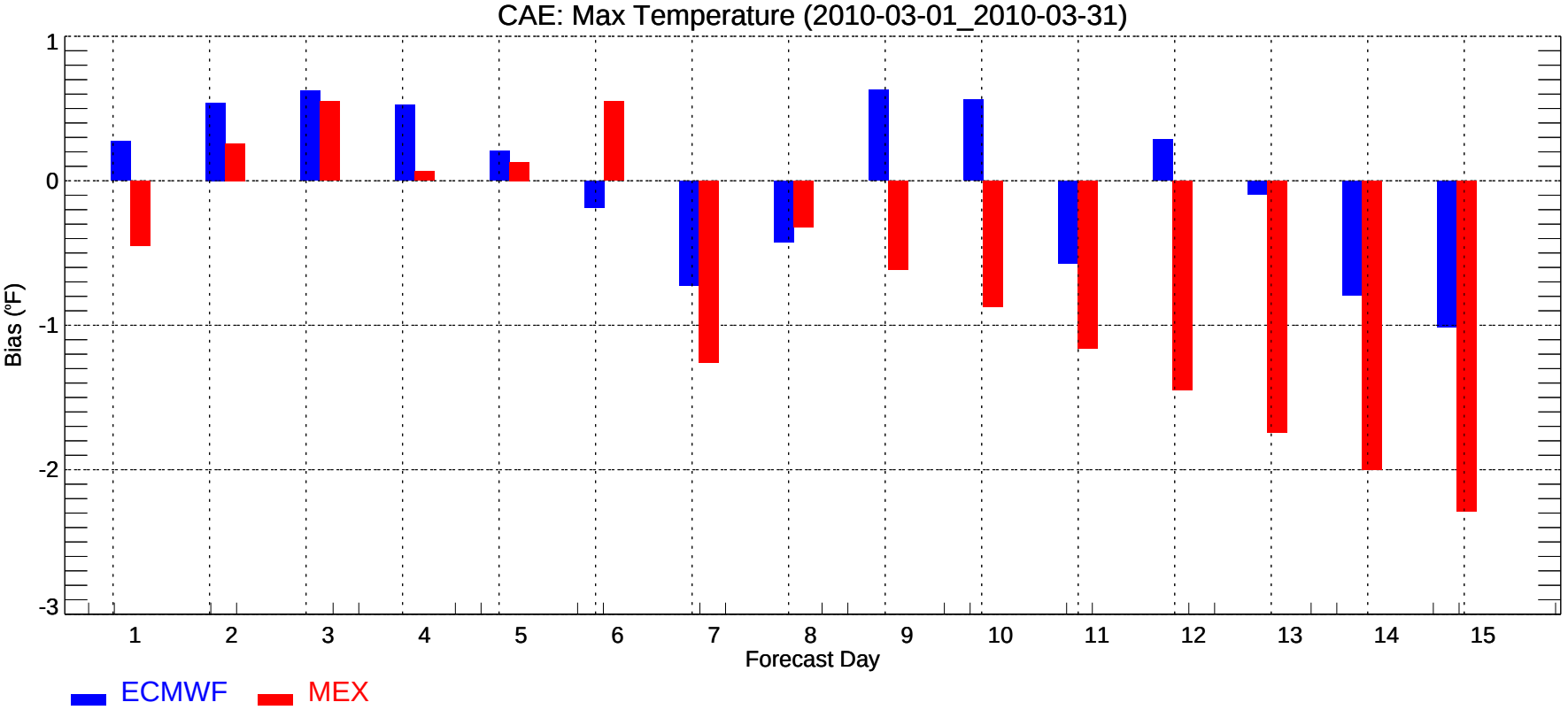
Forecast Day
ECMWF
MEX


CAE: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
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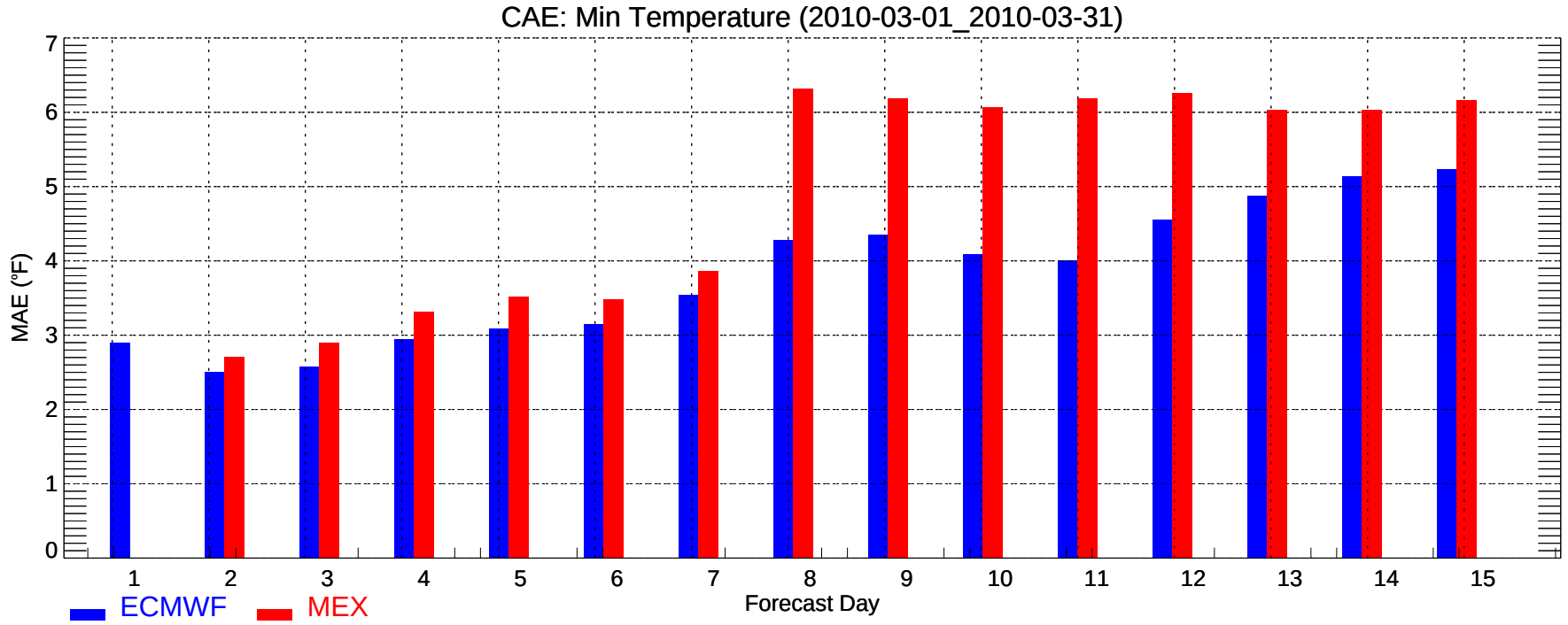
Forecast Day
ECMWF
MEX


CAE: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
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4
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6
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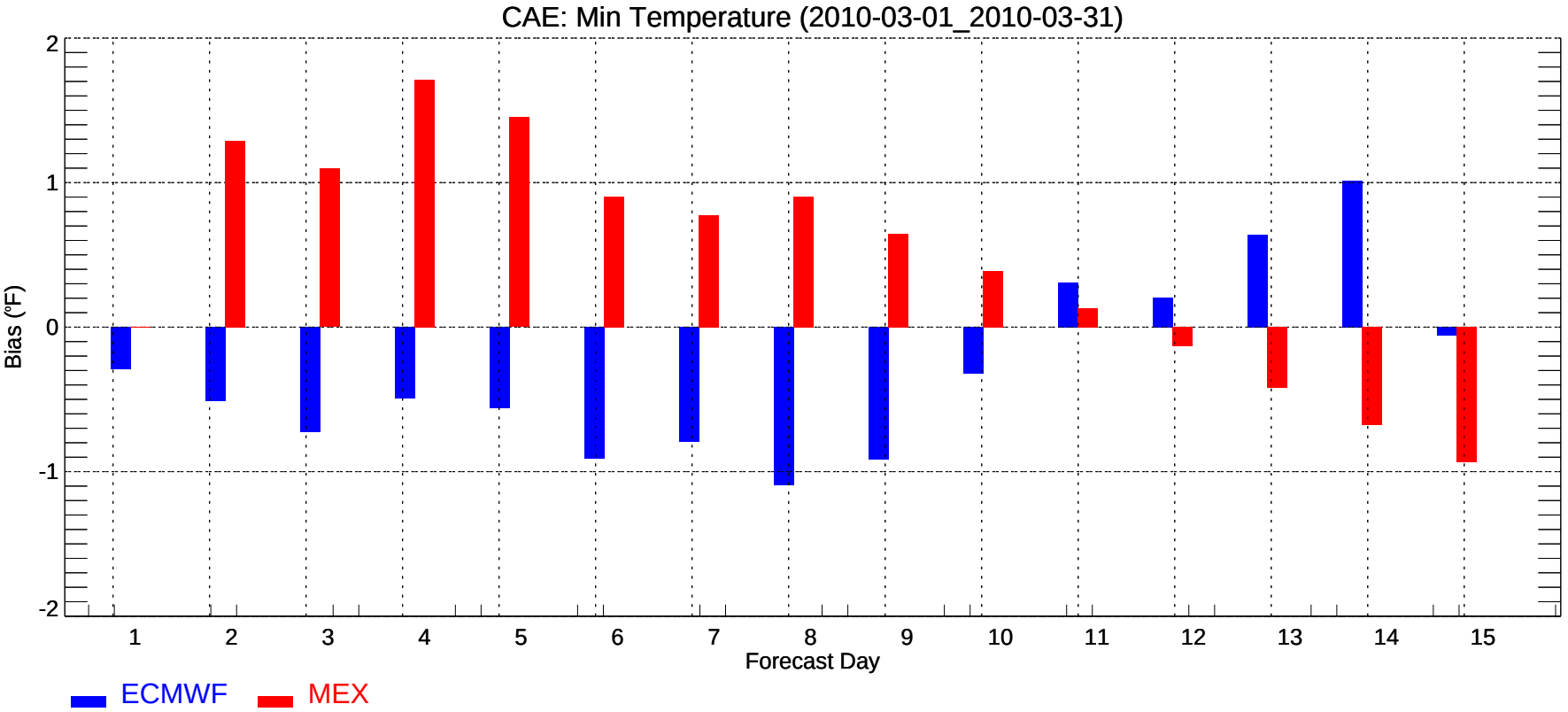
Forecast Day
ECMWF
MEX


CAE: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
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1
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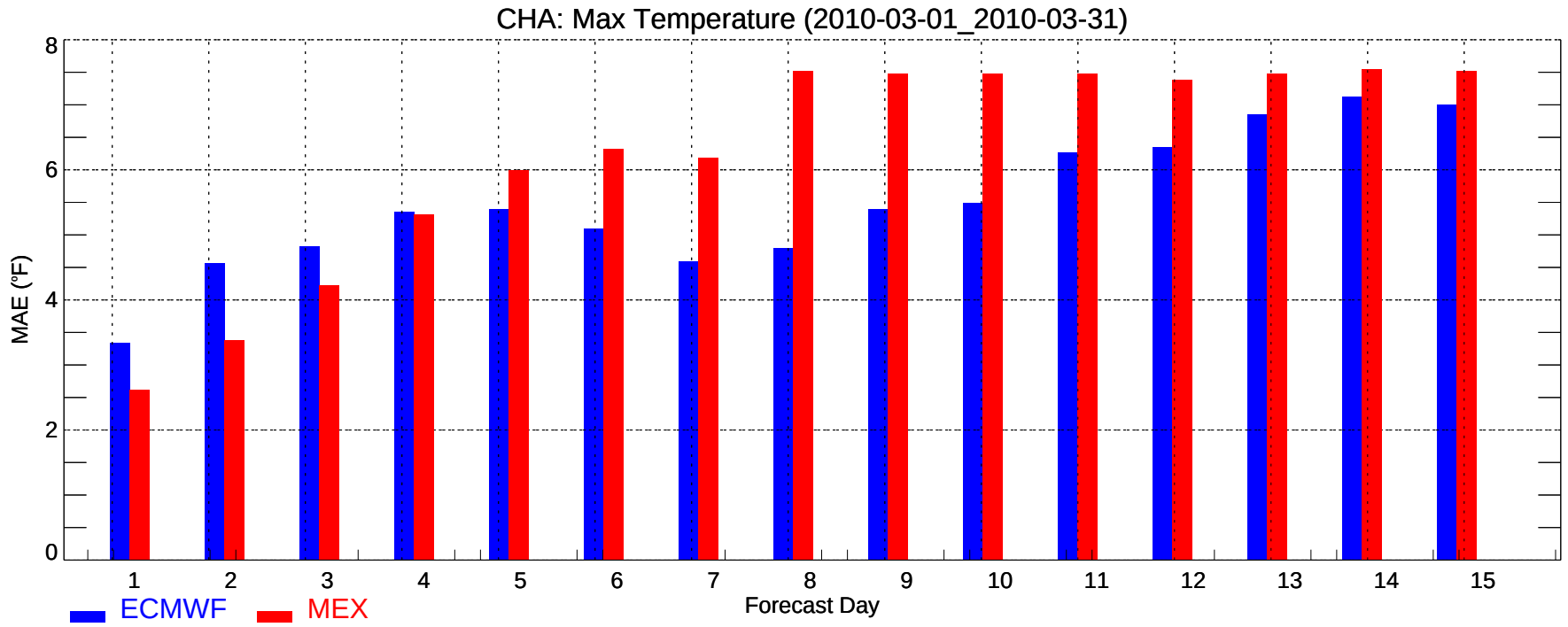
Forecast Day
ECMWF
MEX


CHA: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
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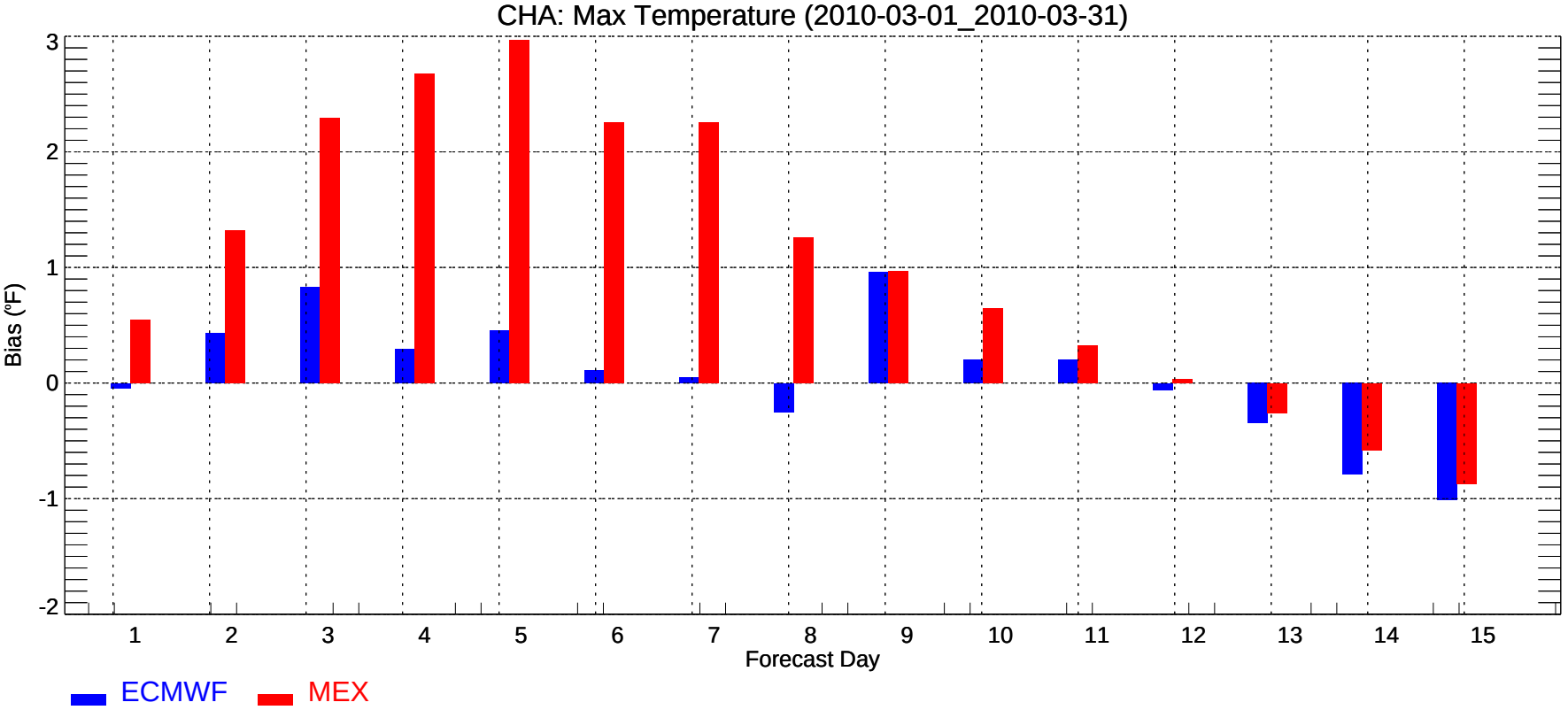
Forecast Day
ECMWF
MEX


CHA: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
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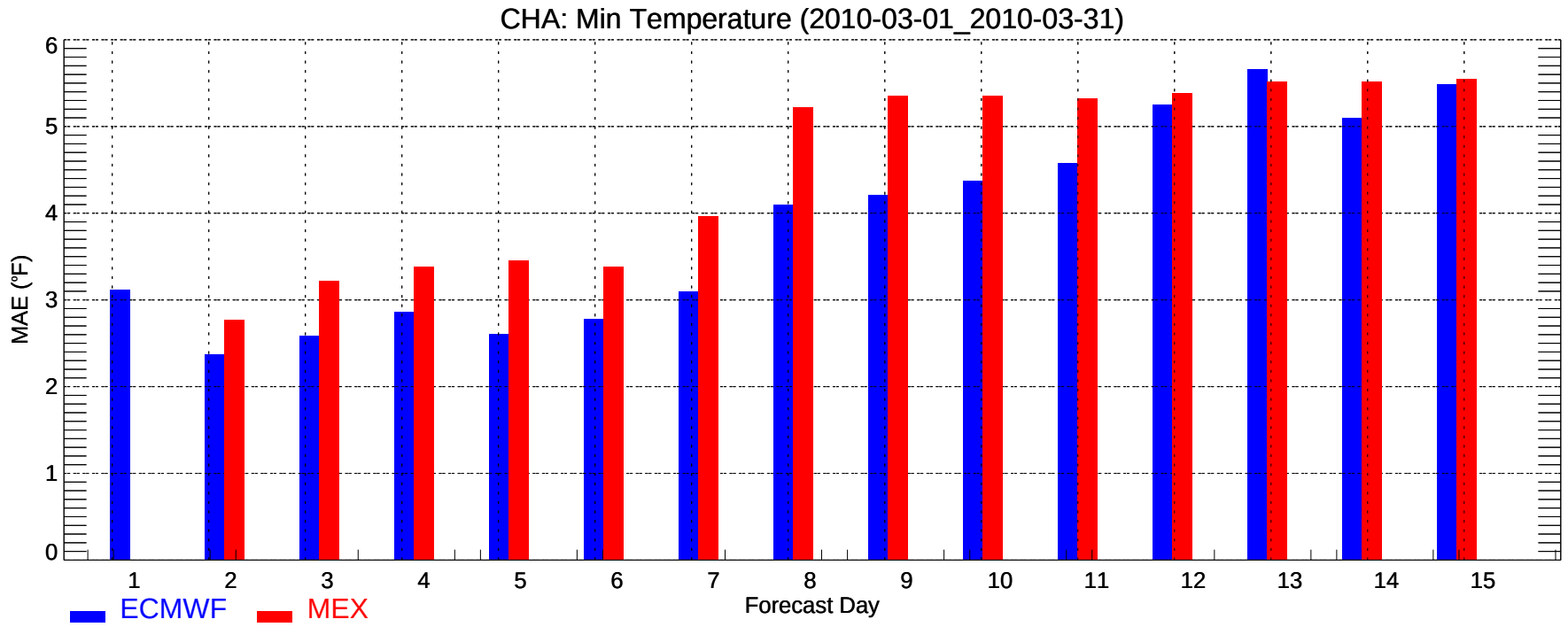
Forecast Day
ECMWF
MEX


CHA: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
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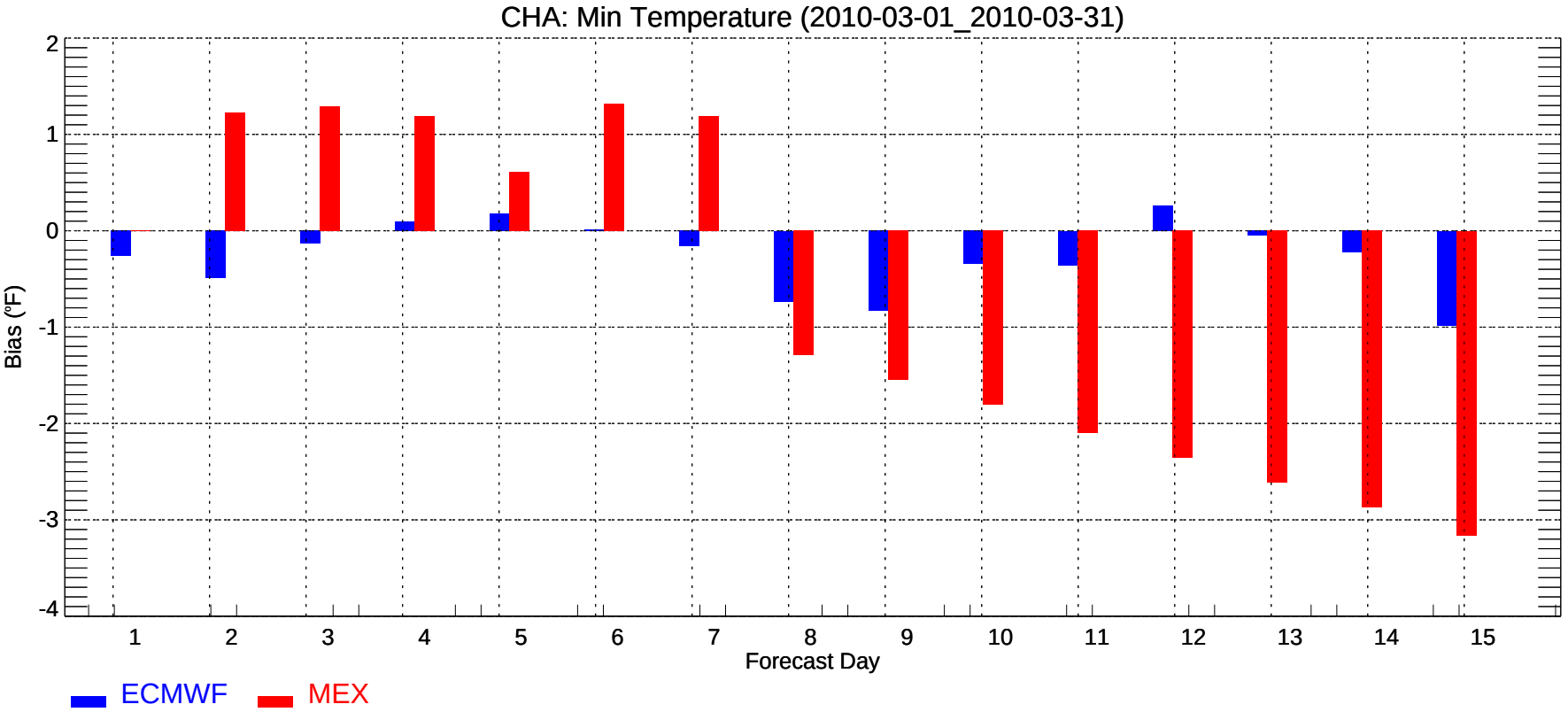
14
15
Forecast Day
ECMWF
MEX


CHA: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
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0
-1
-2
-3
-4
1
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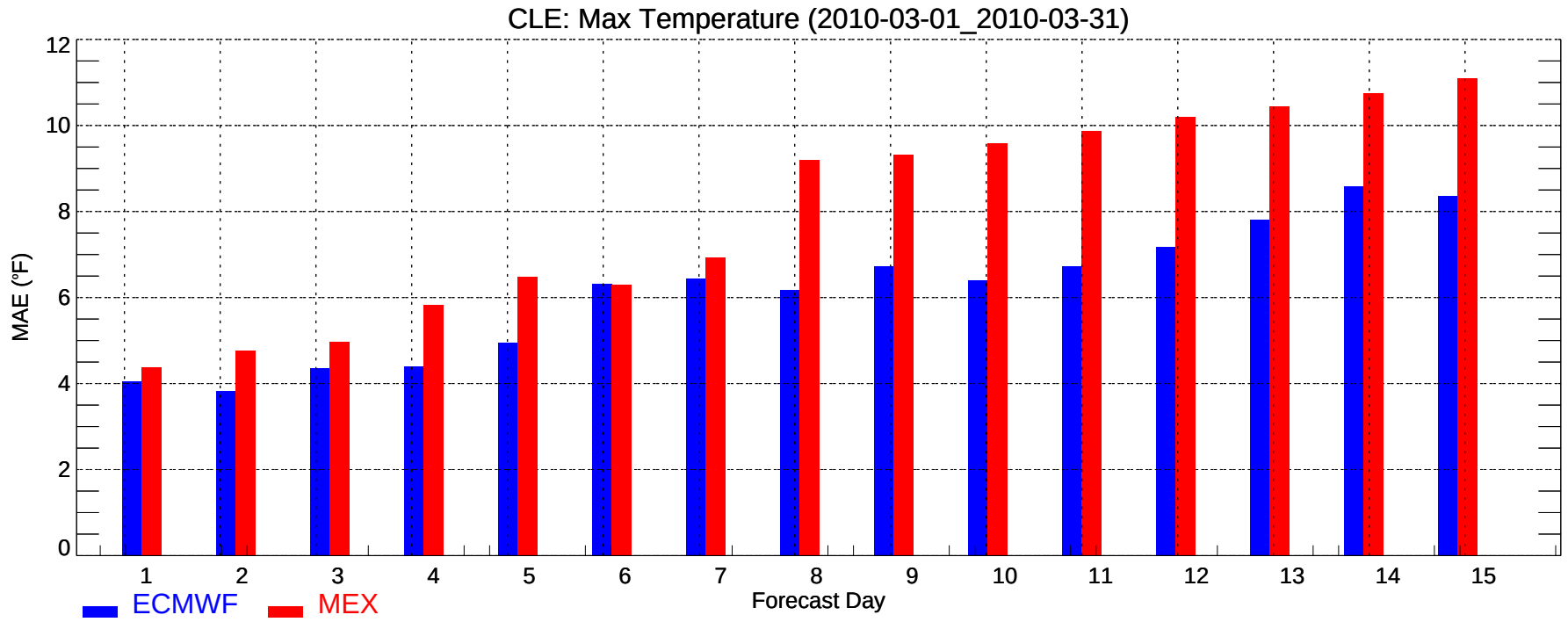
Forecast Day
ECMWF
MEX


CLE: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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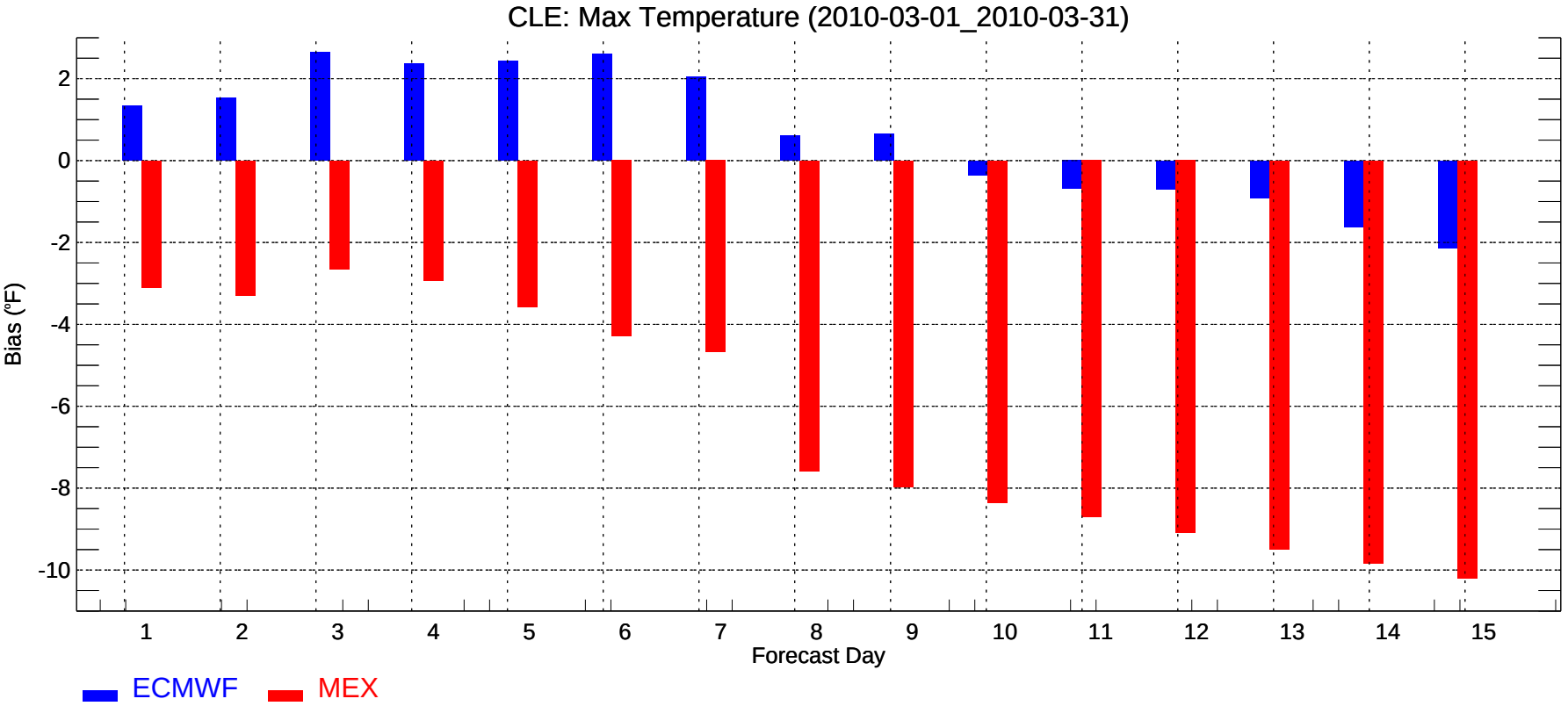
Forecast Day
ECMWF
MEX


CLE: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
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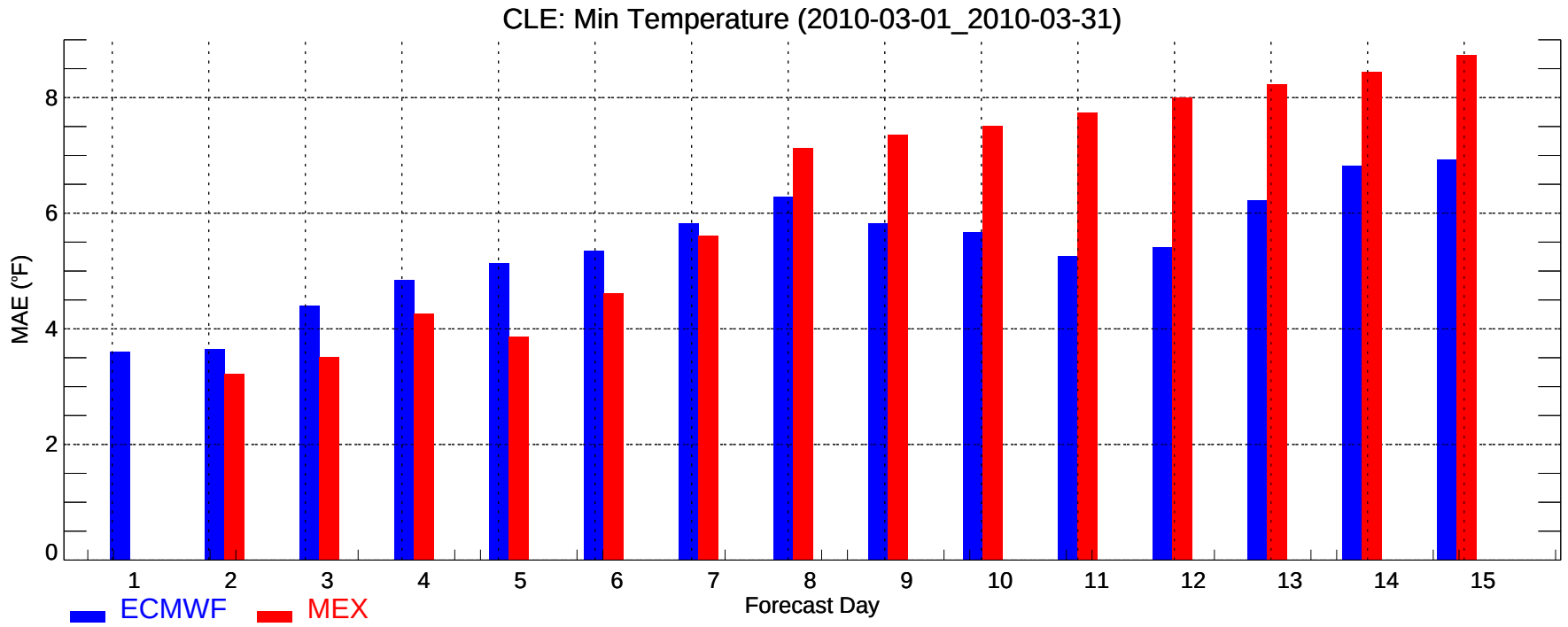
Forecast Day
ECMWF
MEX


CLE: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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4
6
8
1
2
3
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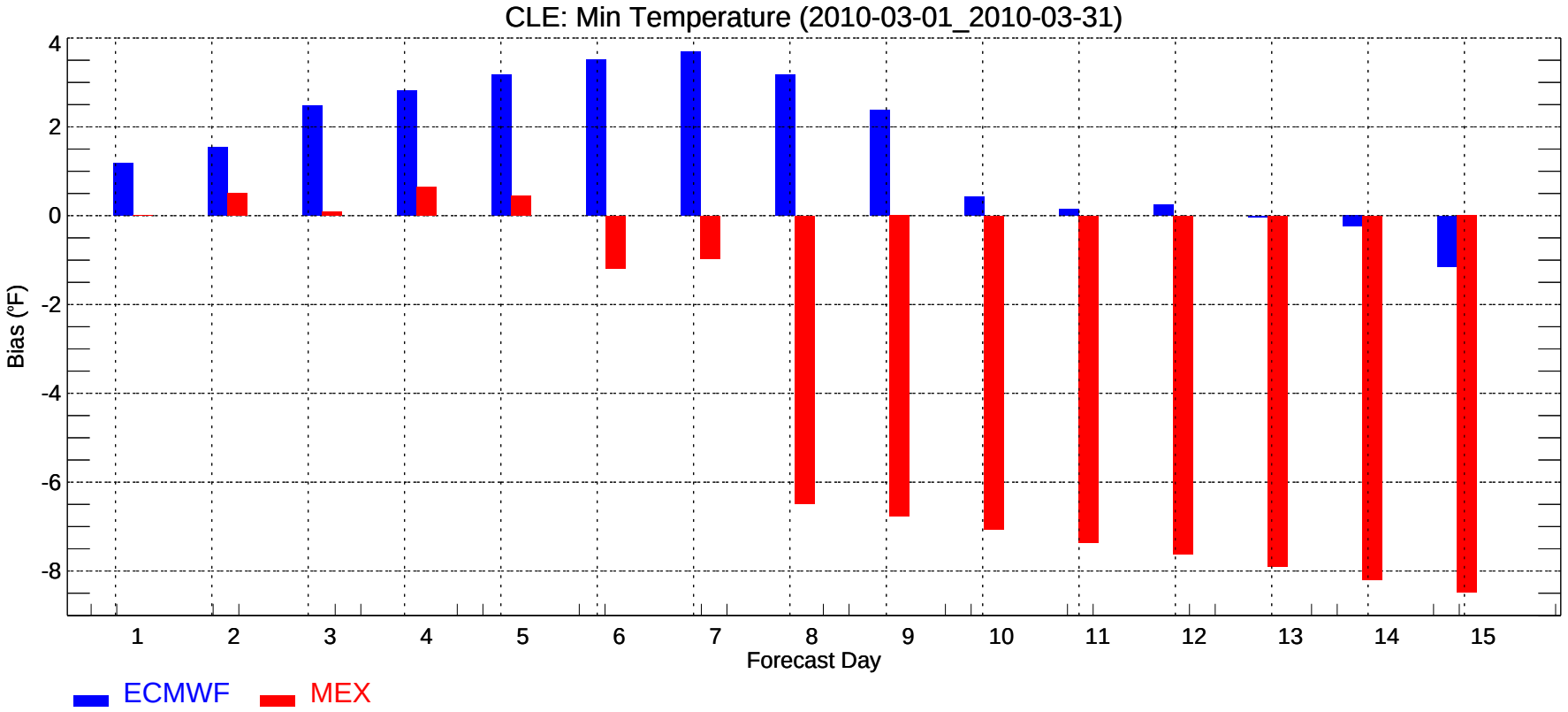
Forecast Day
ECMWF
MEX


CLE: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
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13
14
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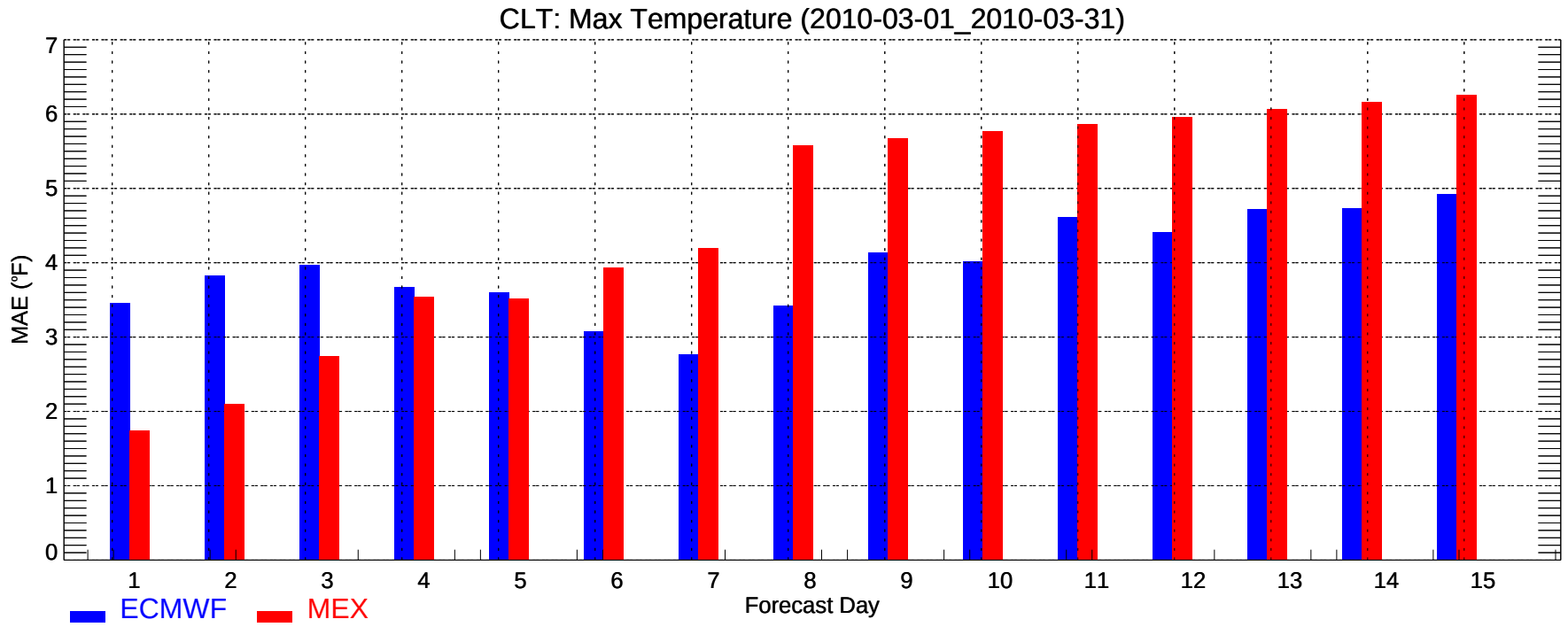
Forecast Day
ECMWF
MEX


CLT: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
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1
2
3
4
5
6
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13
14
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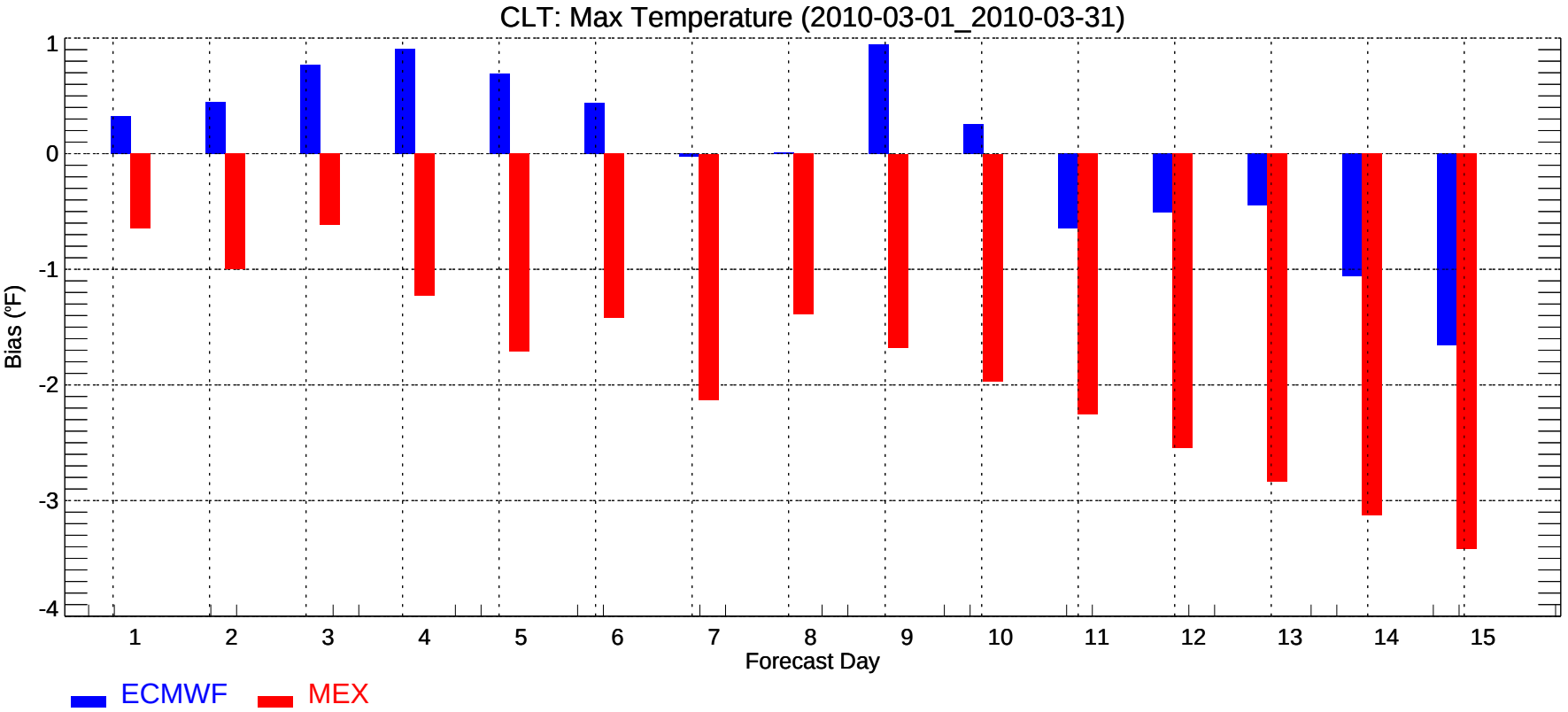
Forecast Day
ECMWF
MEX


CLT: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
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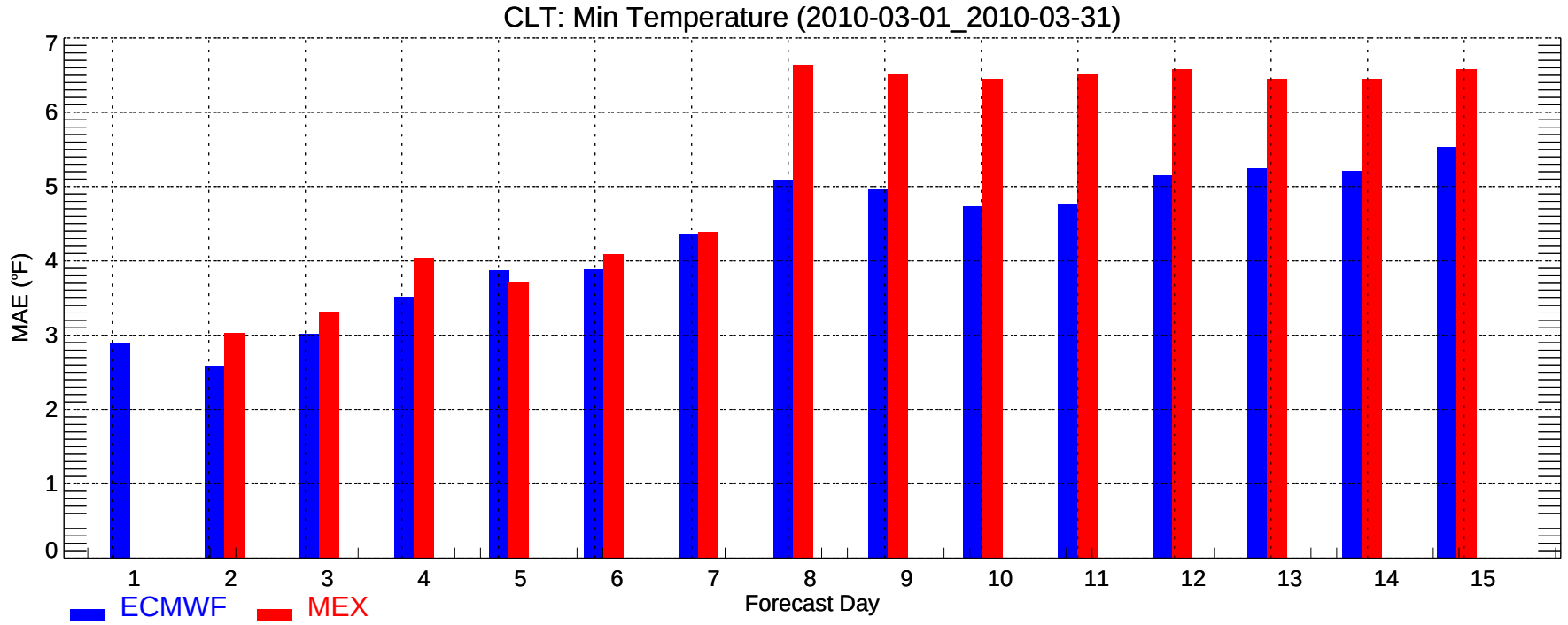
Forecast Day
ECMWF
MEX


CLT: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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2
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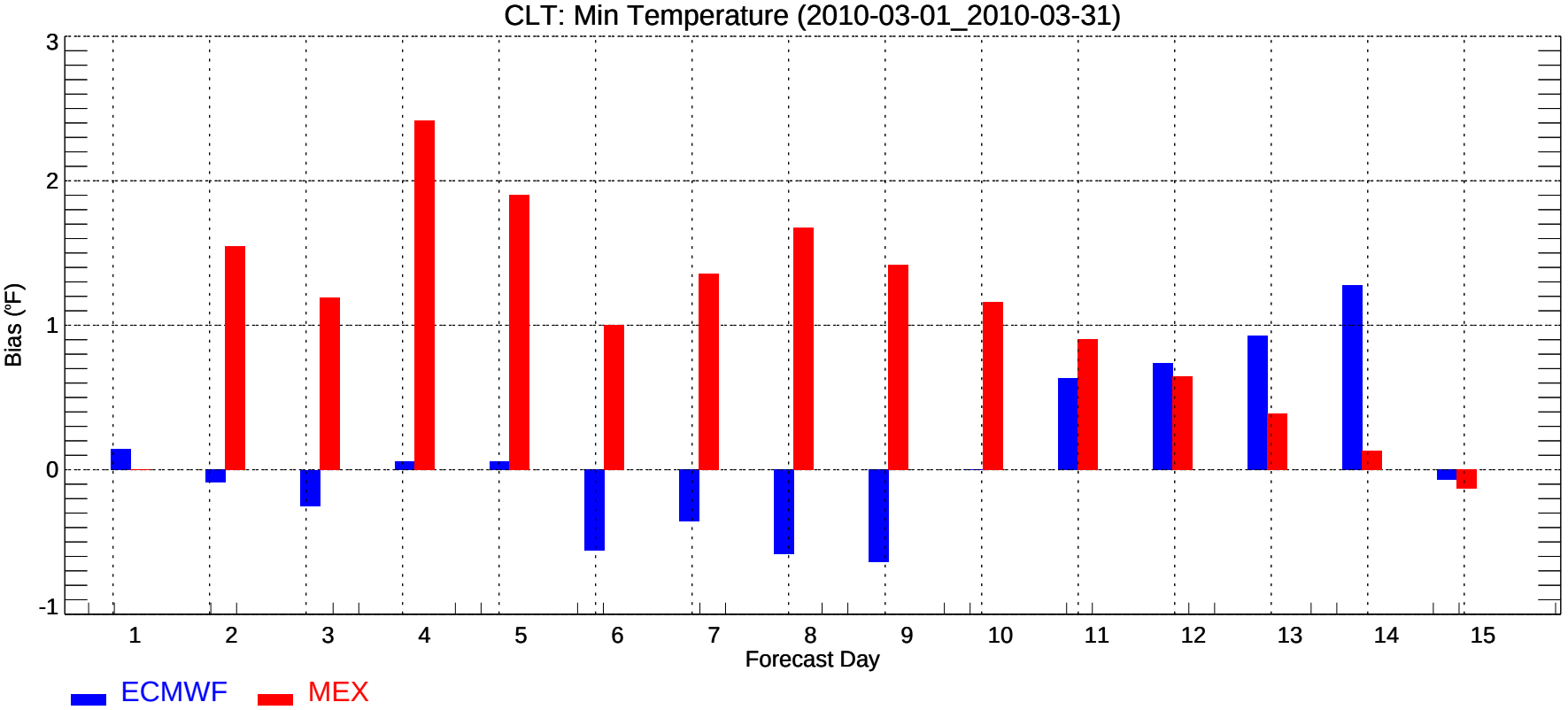
Forecast Day
ECMWF
MEX


CLT: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
1
2
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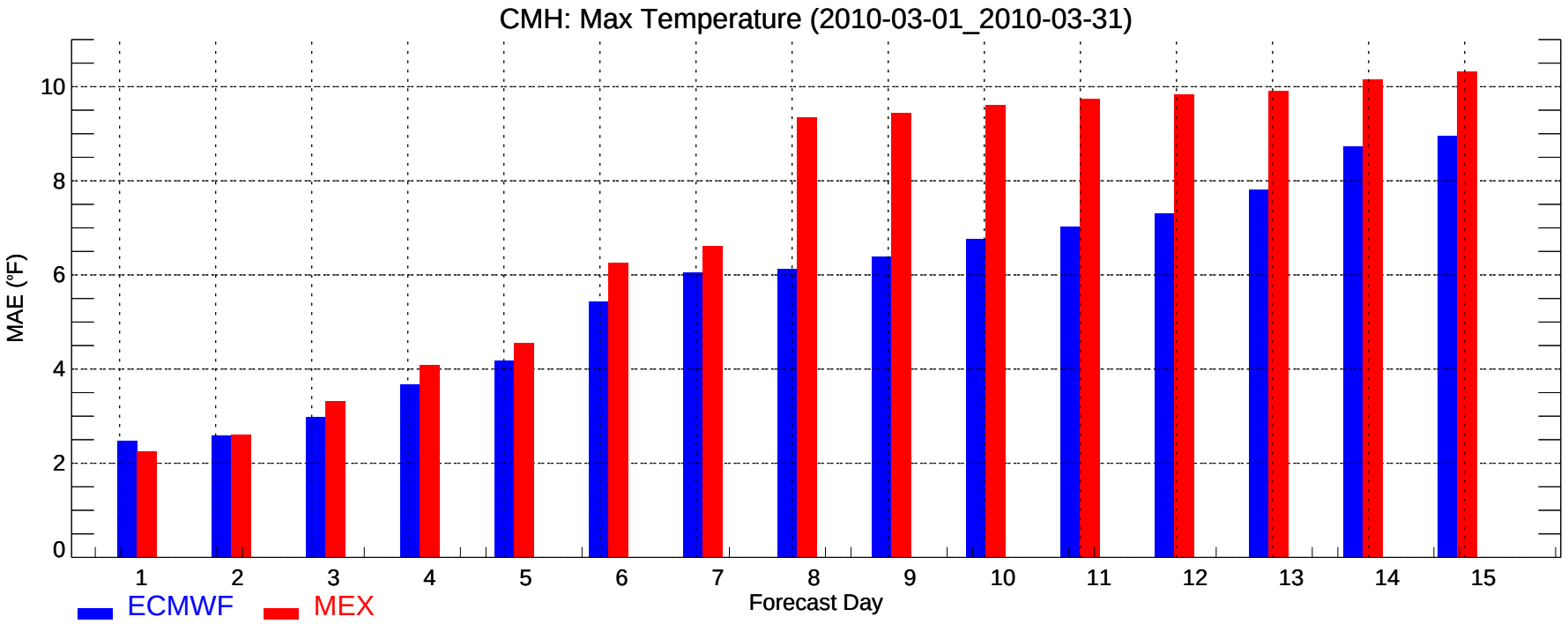
Forecast Day
ECMWF
MEX


CMH: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
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1
2
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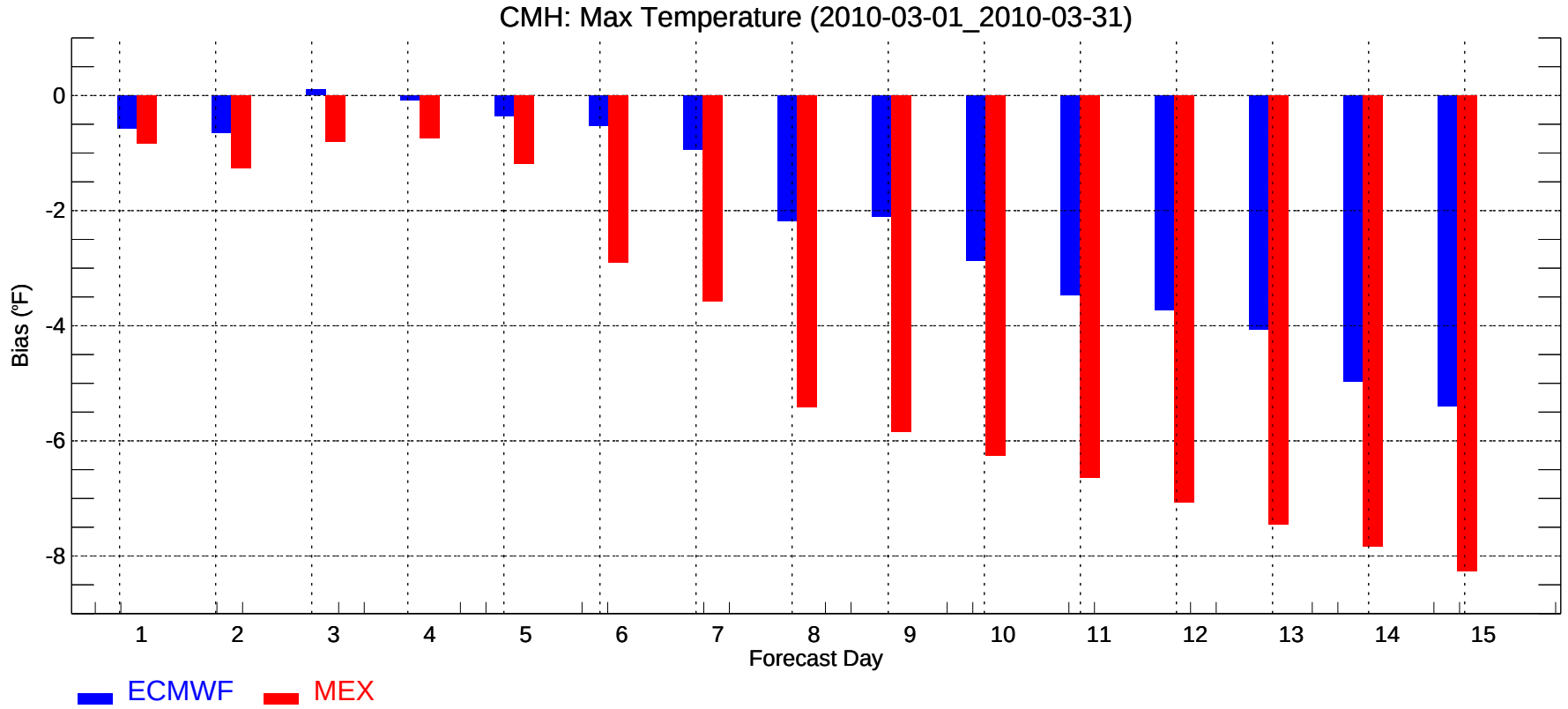
13
14
15
Forecast Day
ECMWF
MEX


CMH: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
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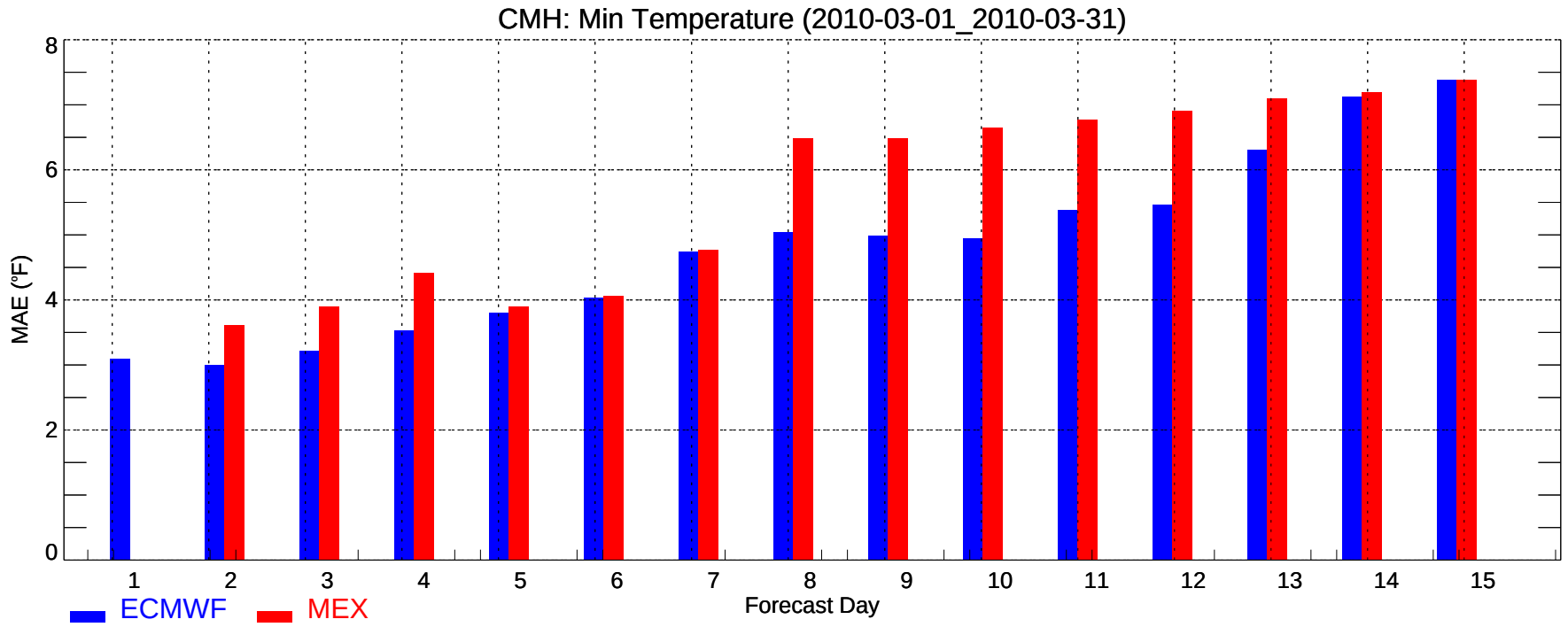
11
12
13
14
15
Forecast Day
ECMWF
MEX


CMH: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
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8
1
2
3
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8
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10
11
12
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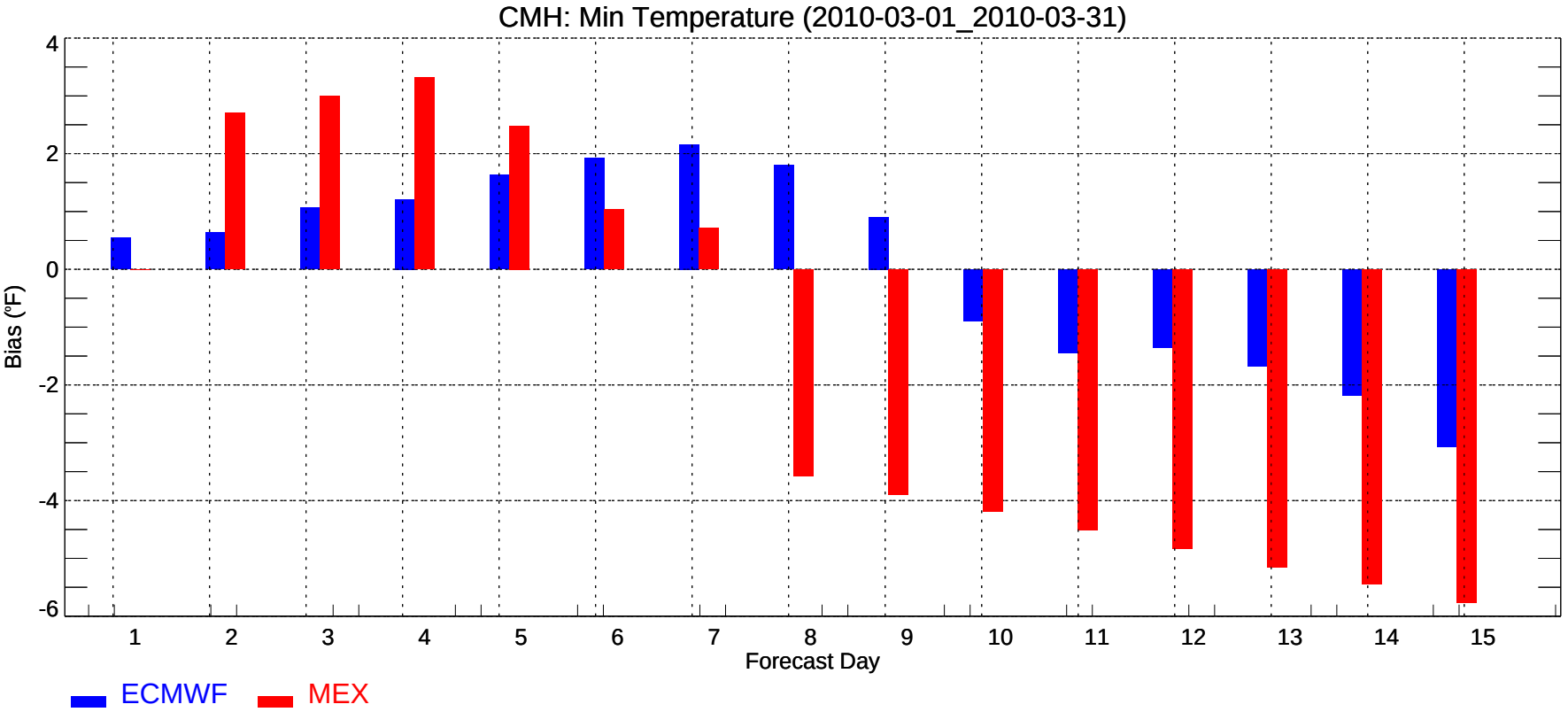
14
15
Forecast Day
ECMWF
MEX


CMH: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-6
-4
-2
0
2
4
1
2
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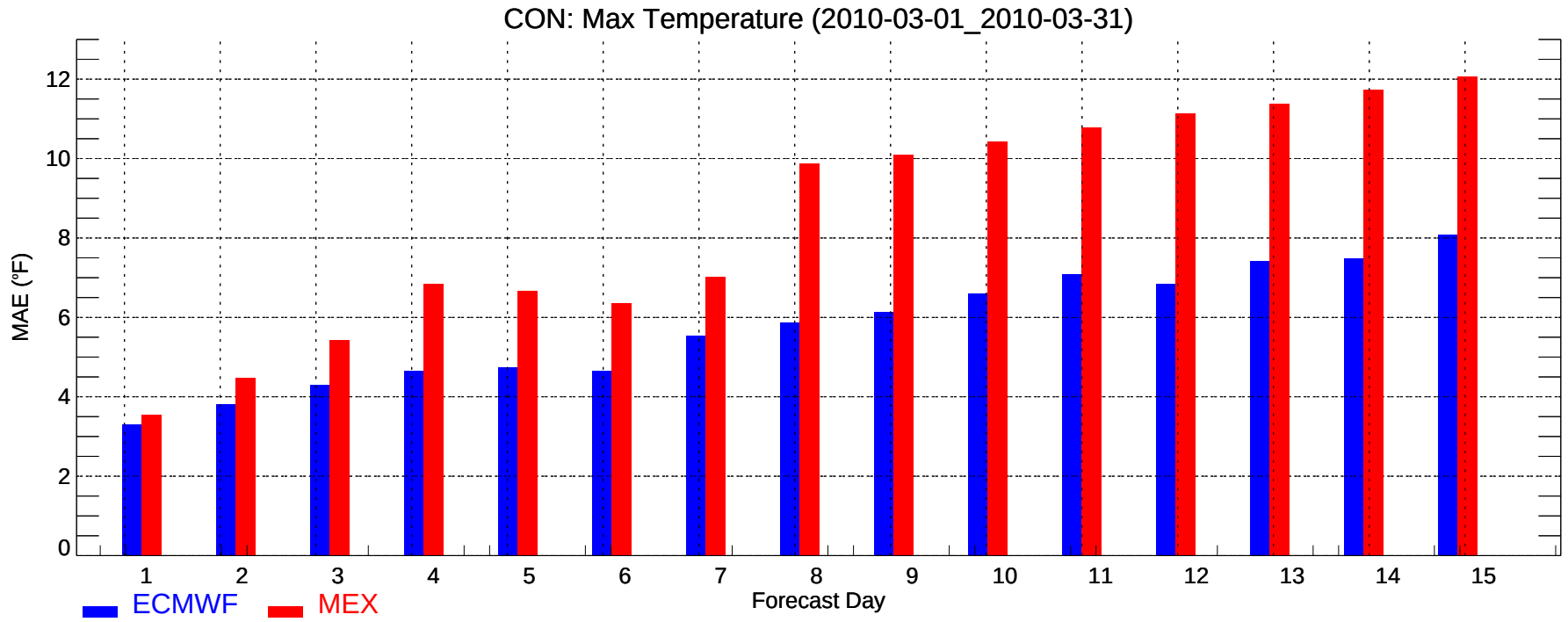
Forecast Day
ECMWF
MEX


CON: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
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8
10
12
1
2
3
4
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6
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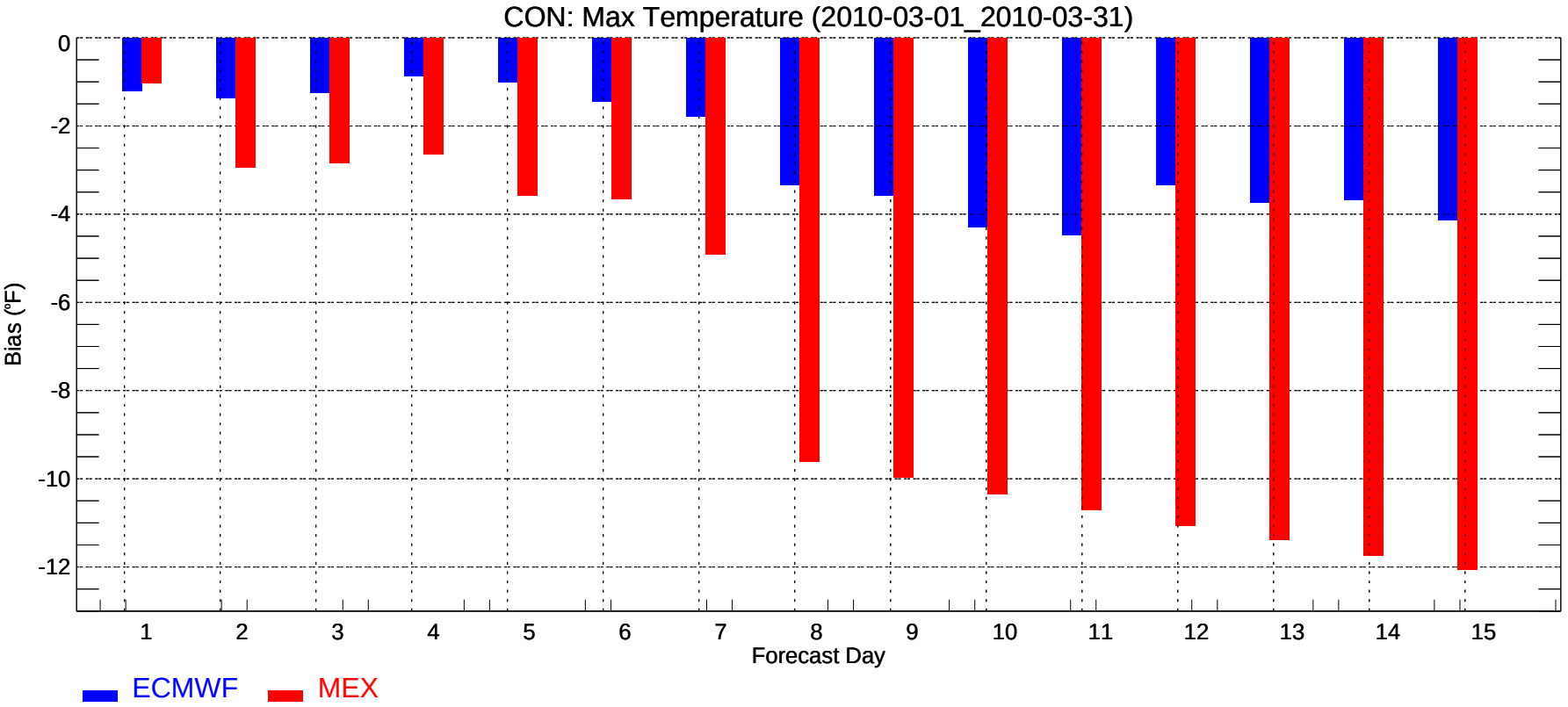
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CON: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
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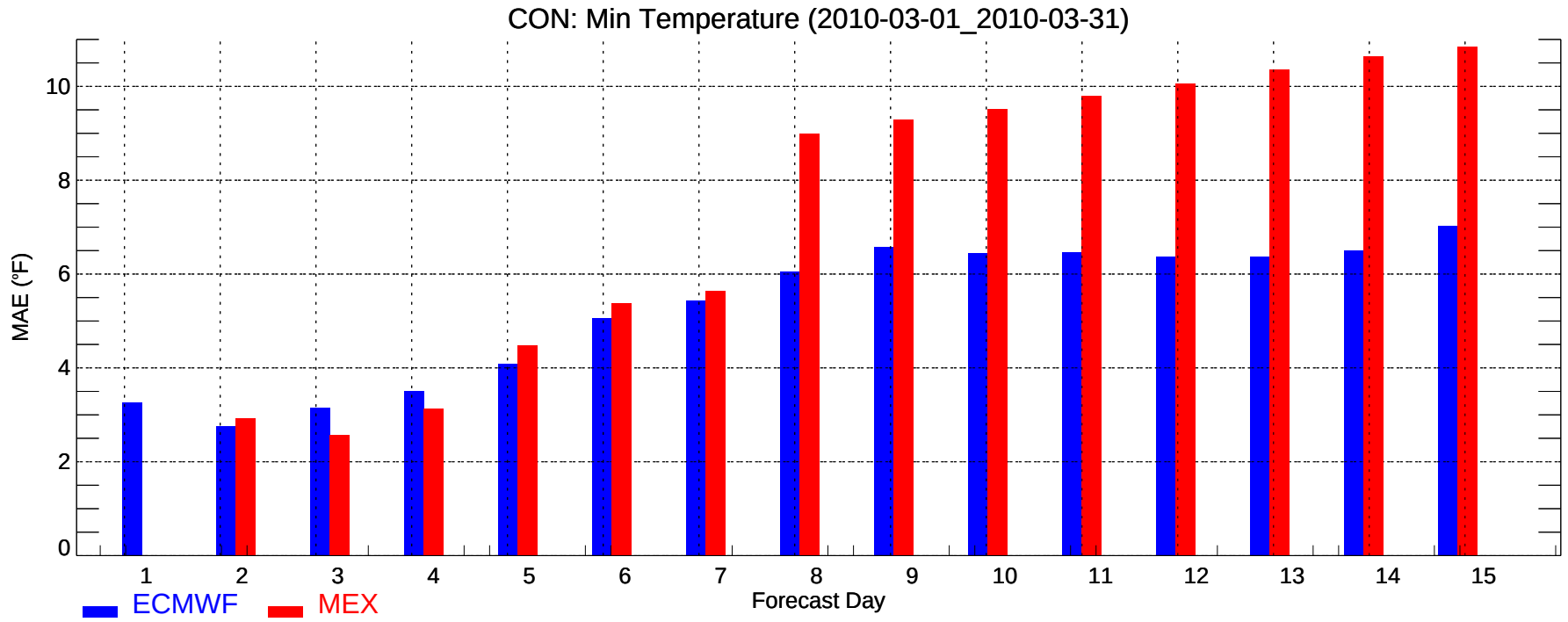
Forecast Day
ECMWF
MEX


CON: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
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2
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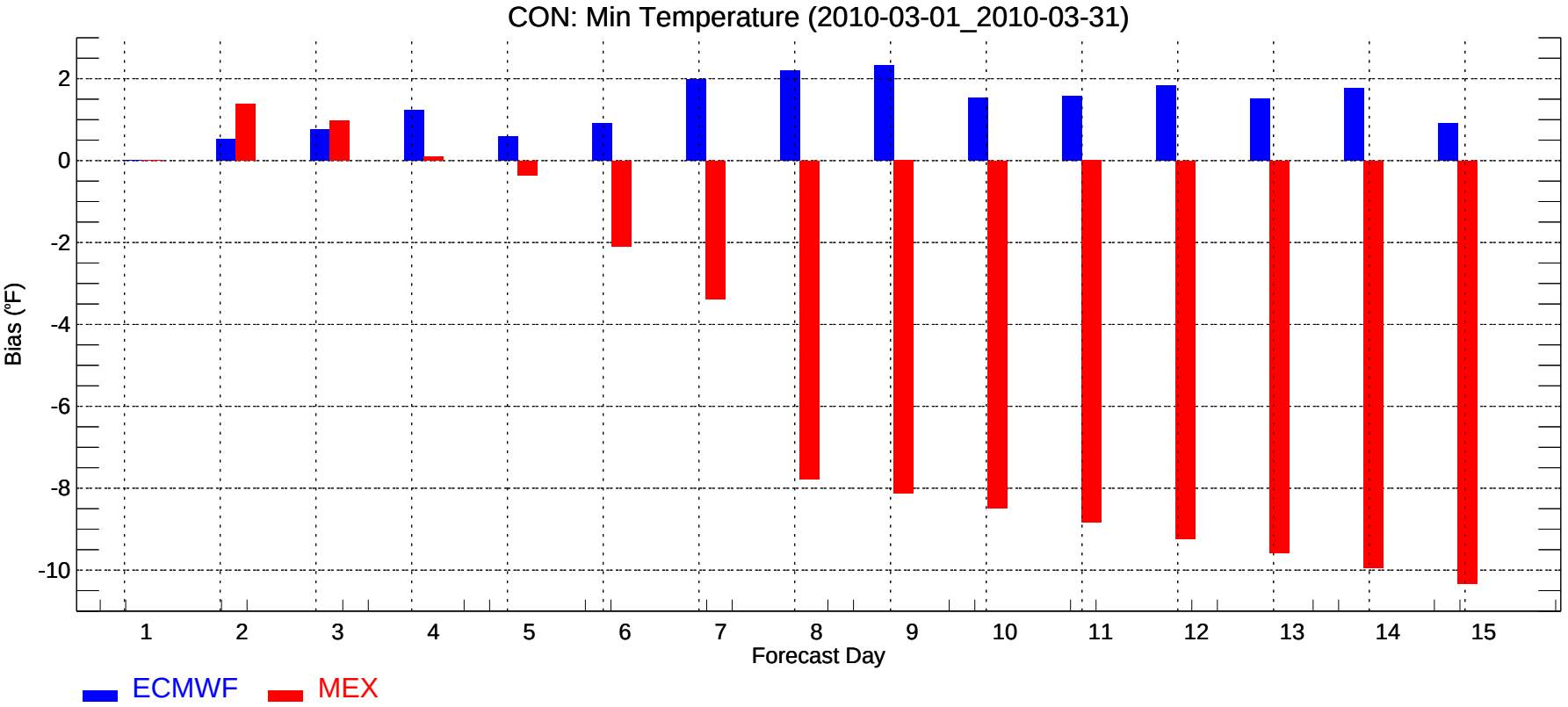
Forecast Day
ECMWF
MEX


CON: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
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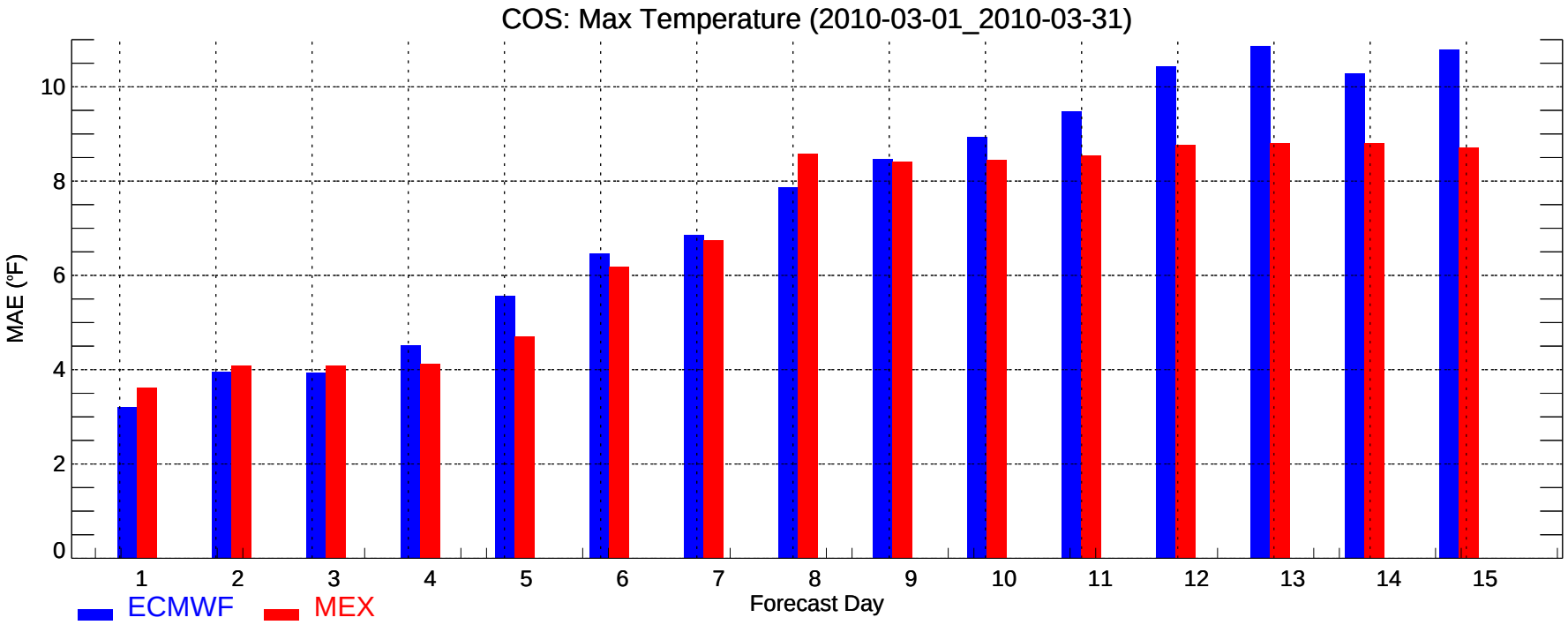
Forecast Day
ECMWF
MEX


COS: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
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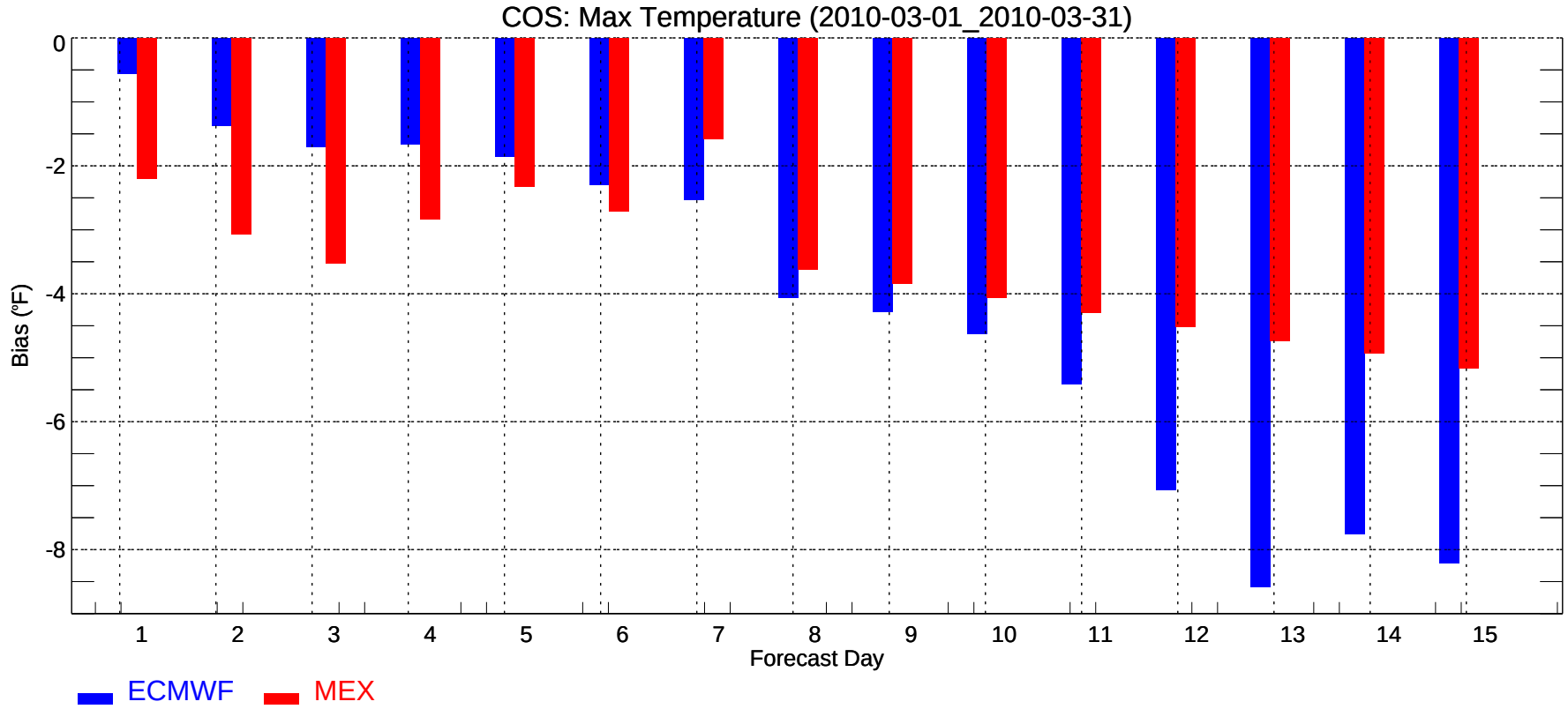
Forecast Day
ECMWF
MEX


COS: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
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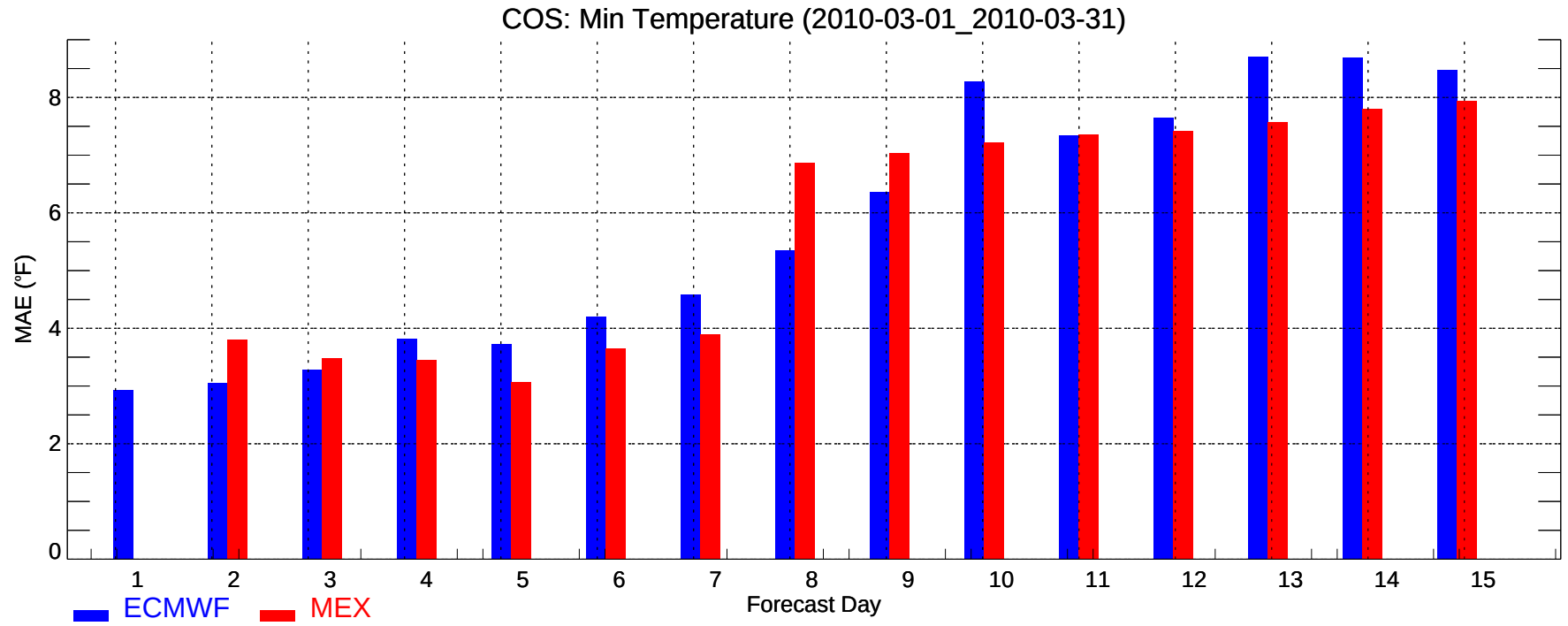
Forecast Day
ECMWF
MEX


COS: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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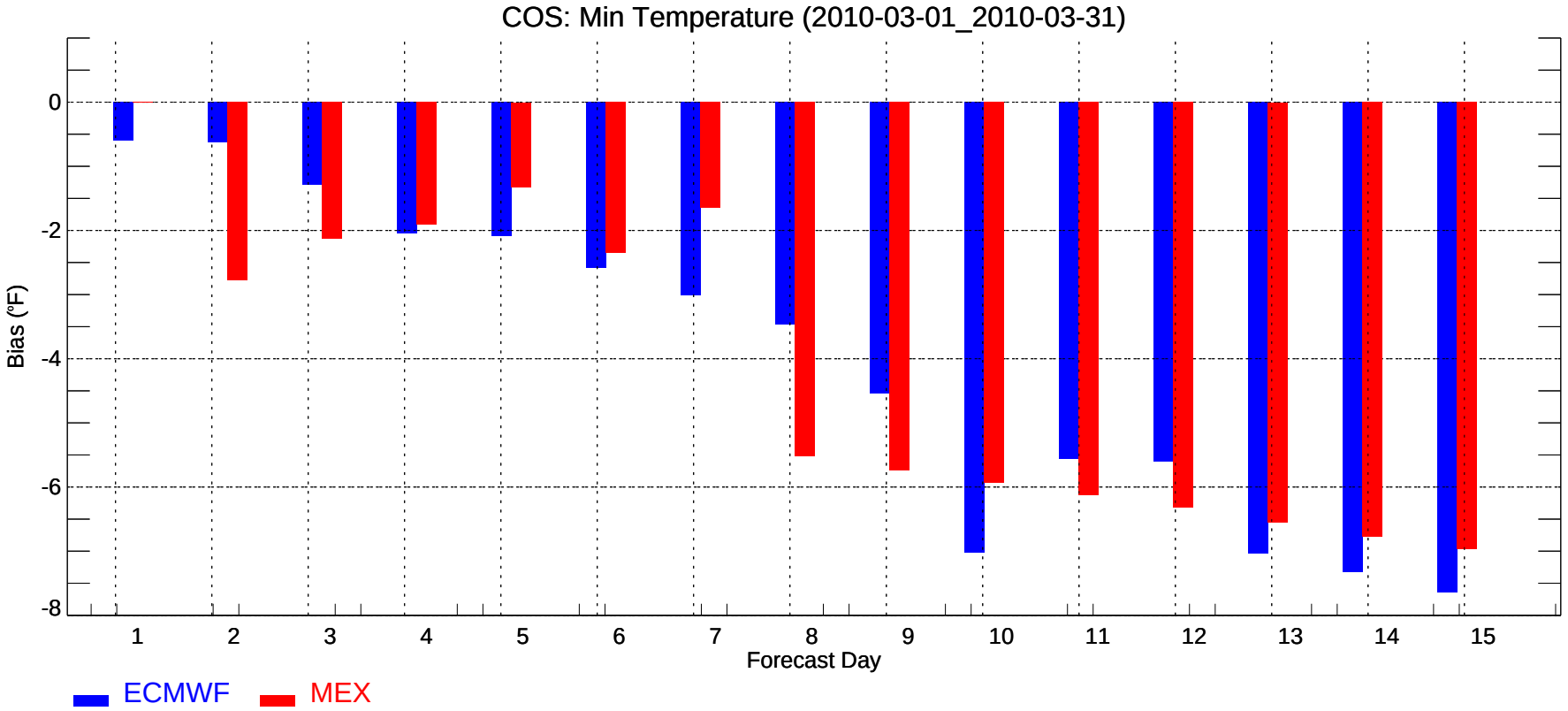
15
Forecast Day
ECMWF
MEX


COS: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
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4
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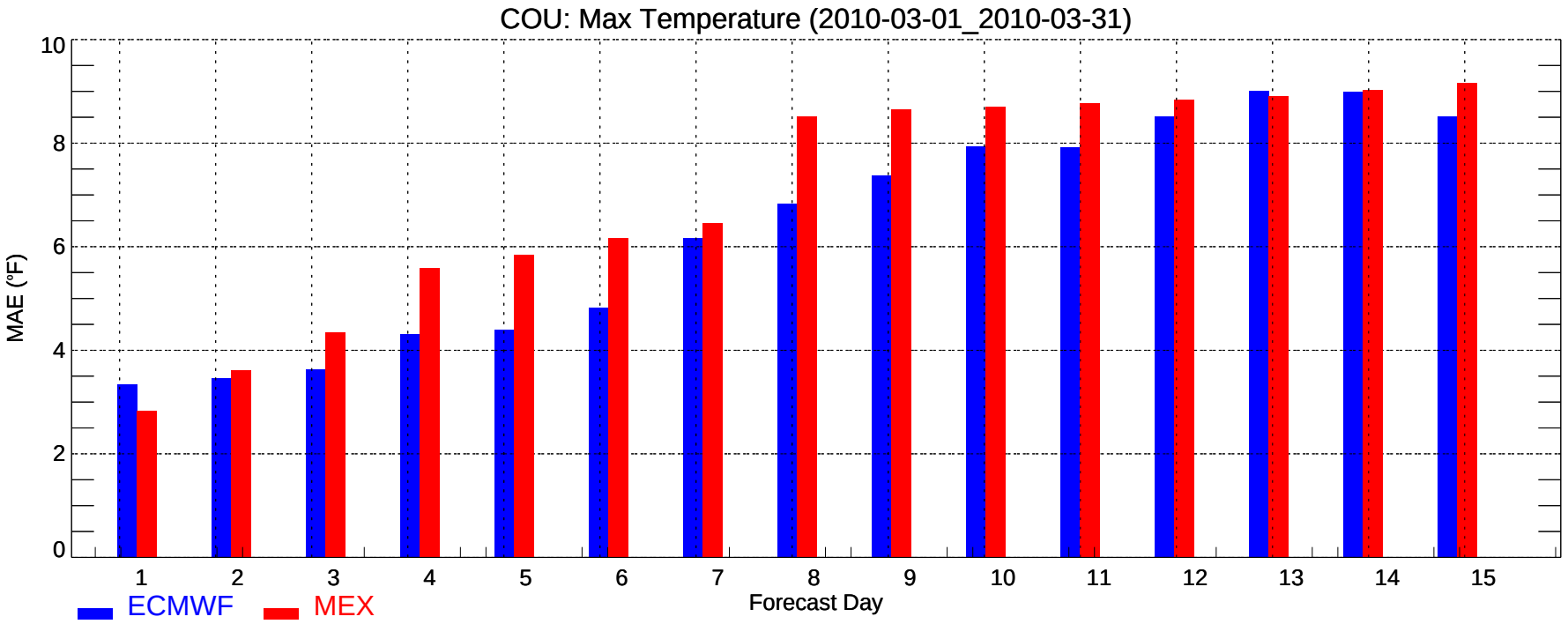
14
15
Forecast Day
ECMWF
MEX


COU: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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10
11
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13
14
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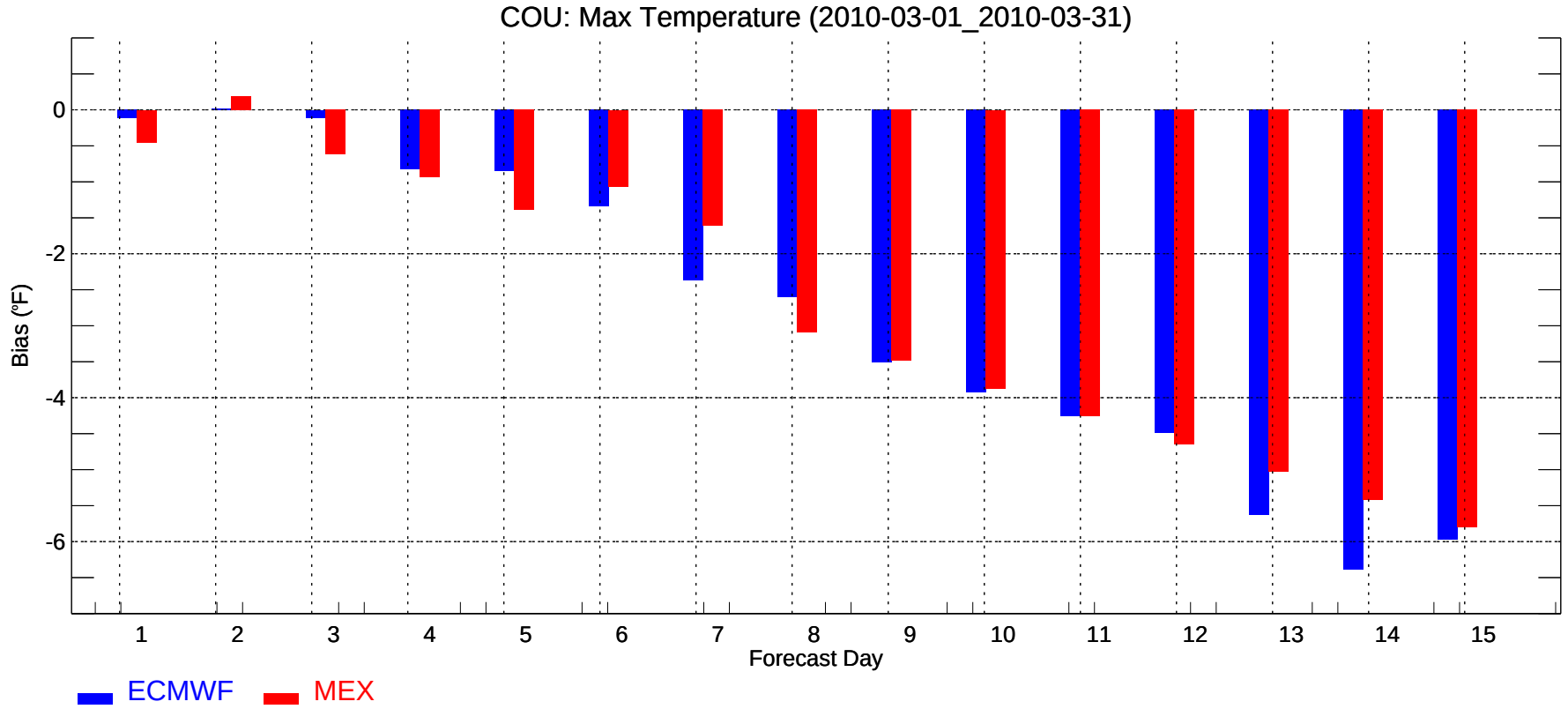
Forecast Day
ECMWF
MEX


COU: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
1
2
3
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8
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14
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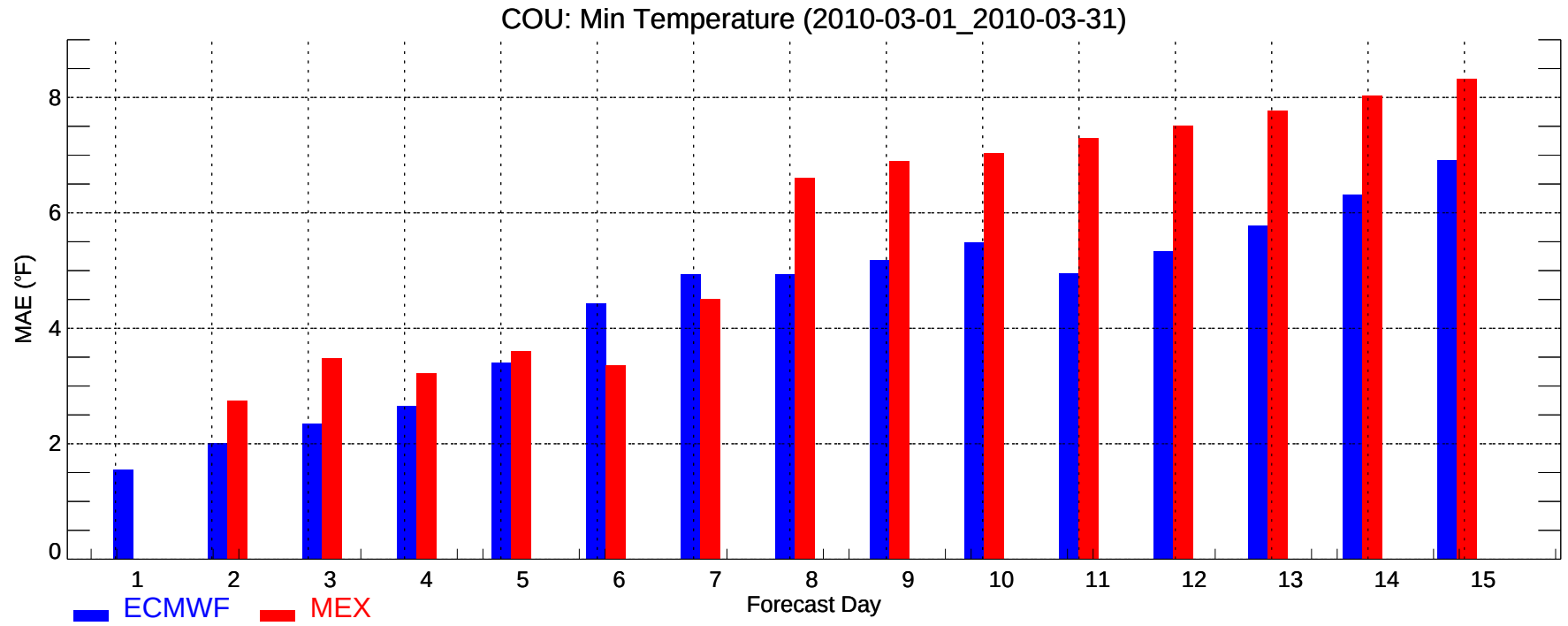
Forecast Day
ECMWF
MEX


COU: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
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6
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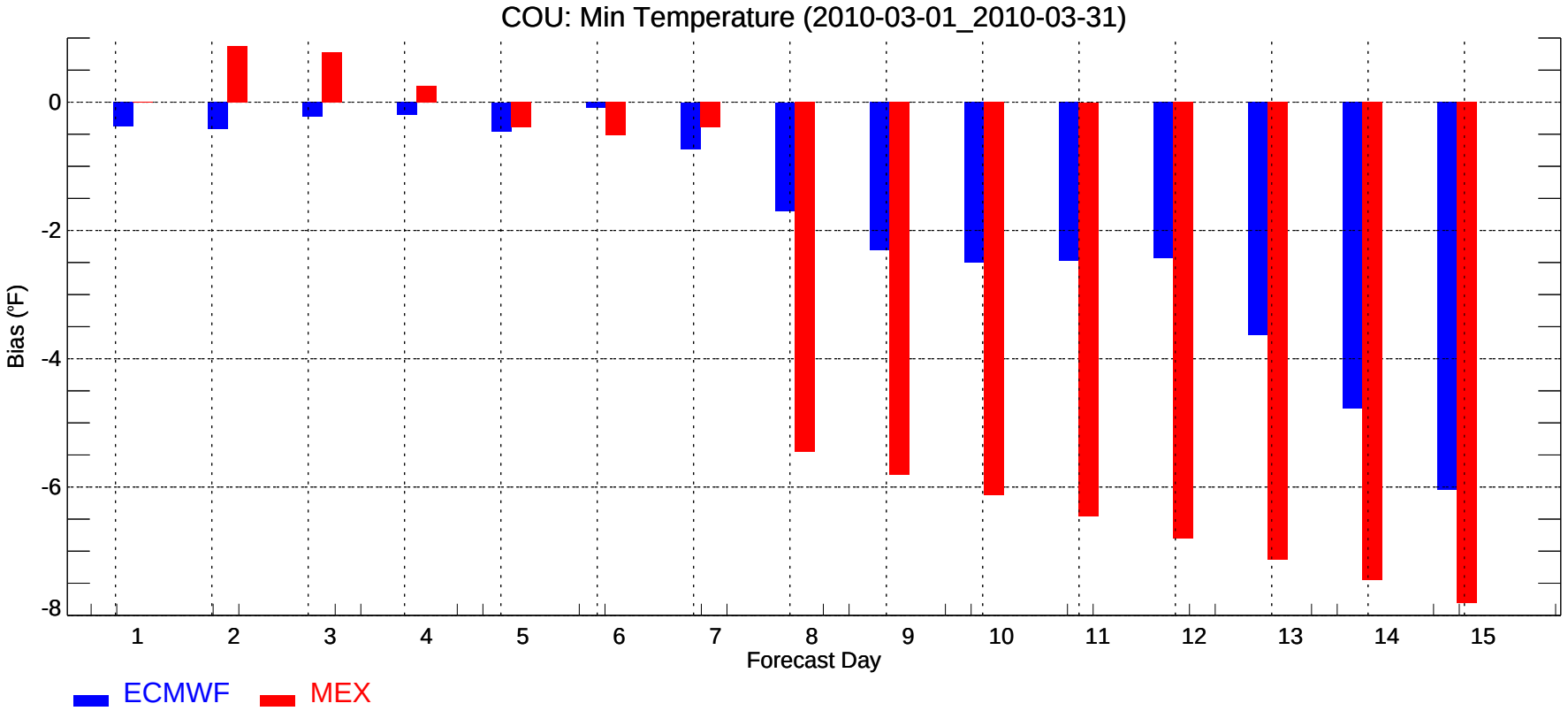
11
12
13
14
15
Forecast Day
ECMWF
MEX


COU: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
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4
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14
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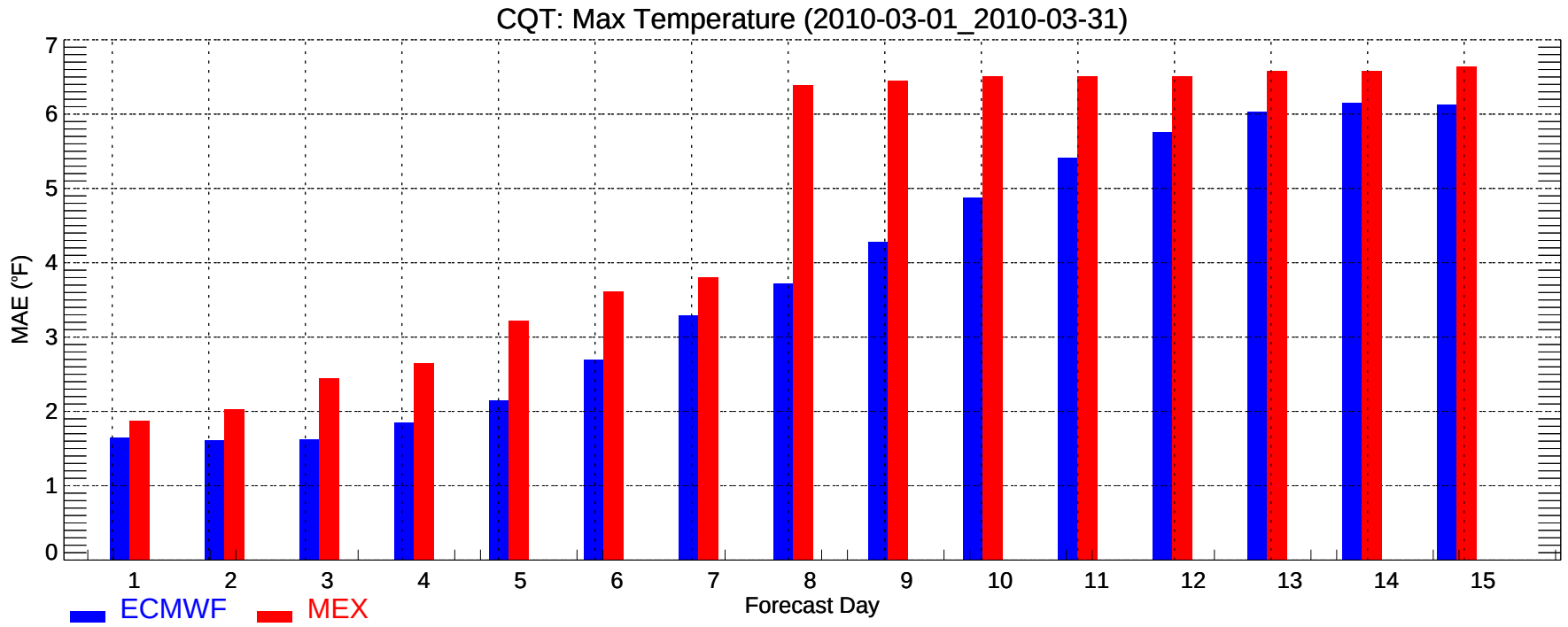
Forecast Day
ECMWF
MEX


CQT: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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10
11
12
13
14
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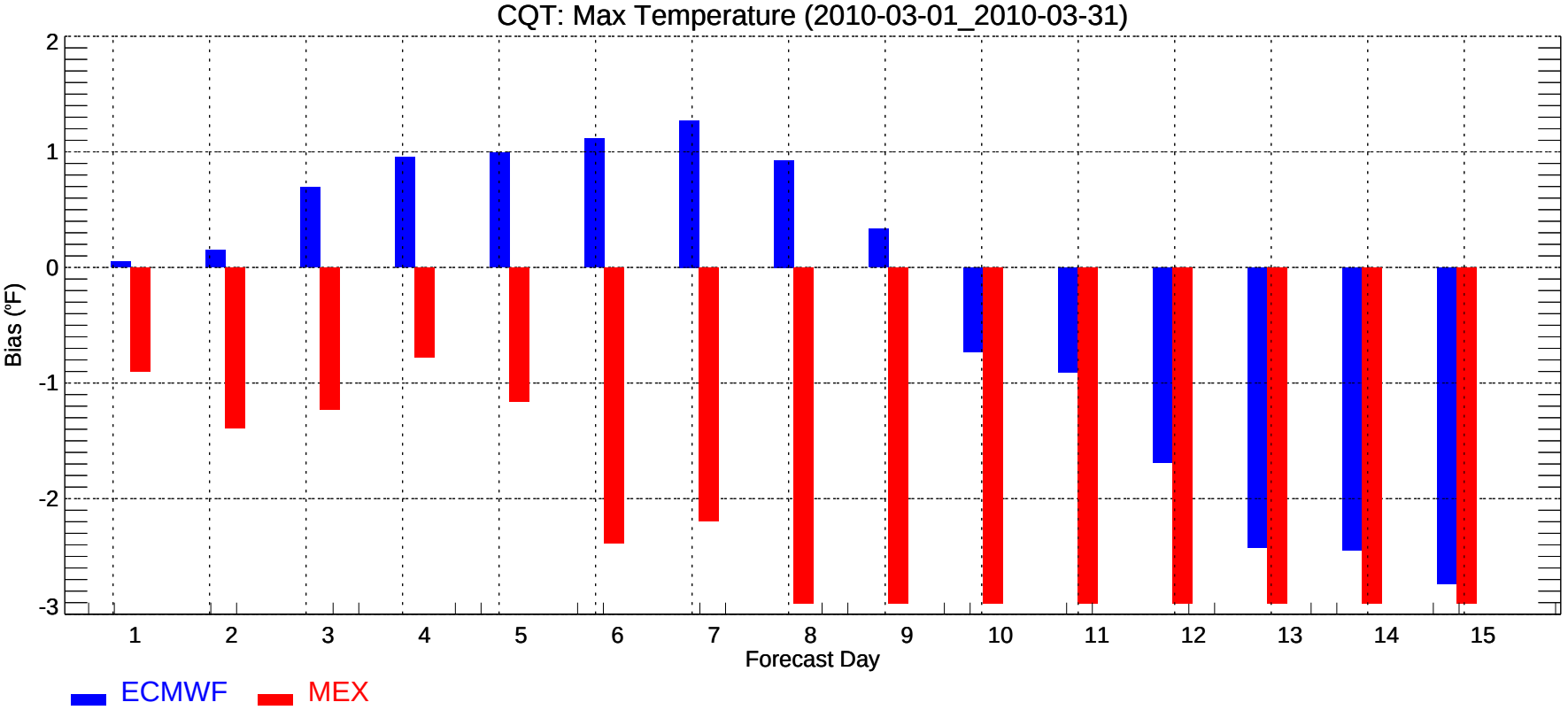
Forecast Day
ECMWF
MEX


CQT: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
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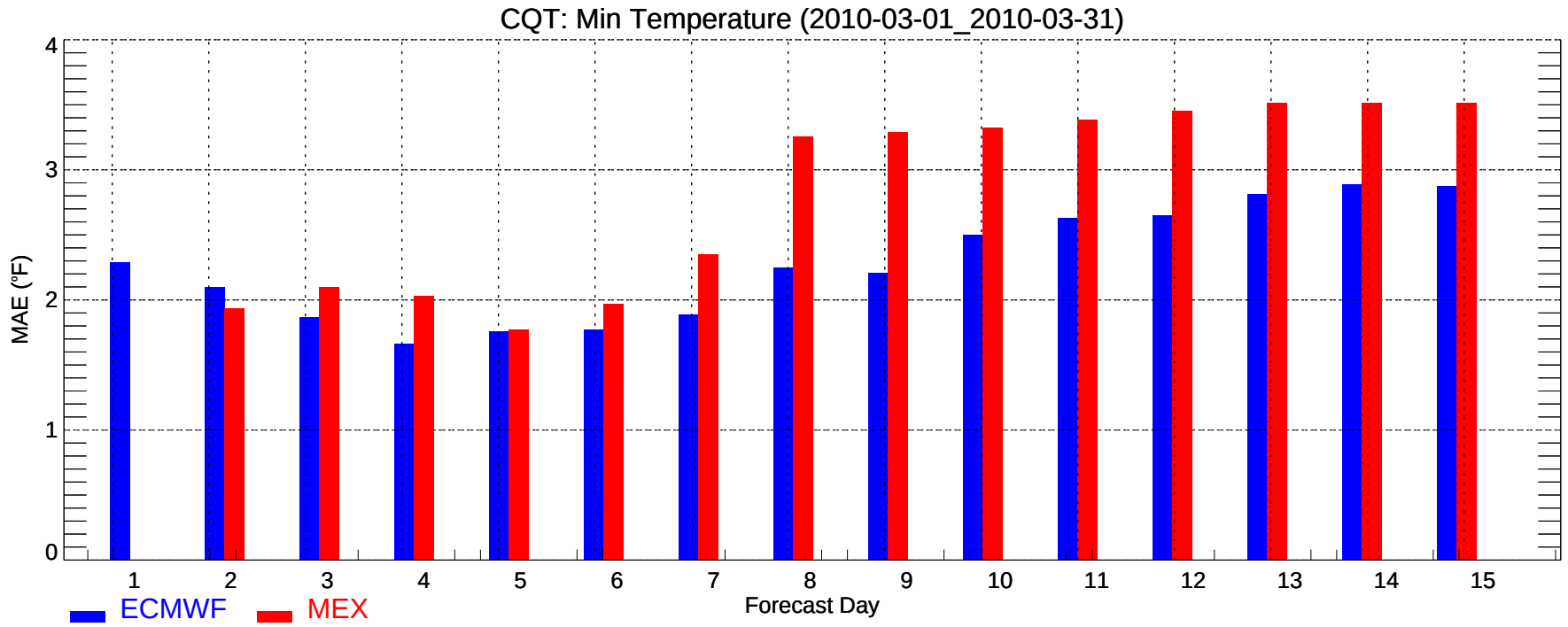
Forecast Day
ECMWF
MEX


CQT: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
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4
1
2
3
4
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11
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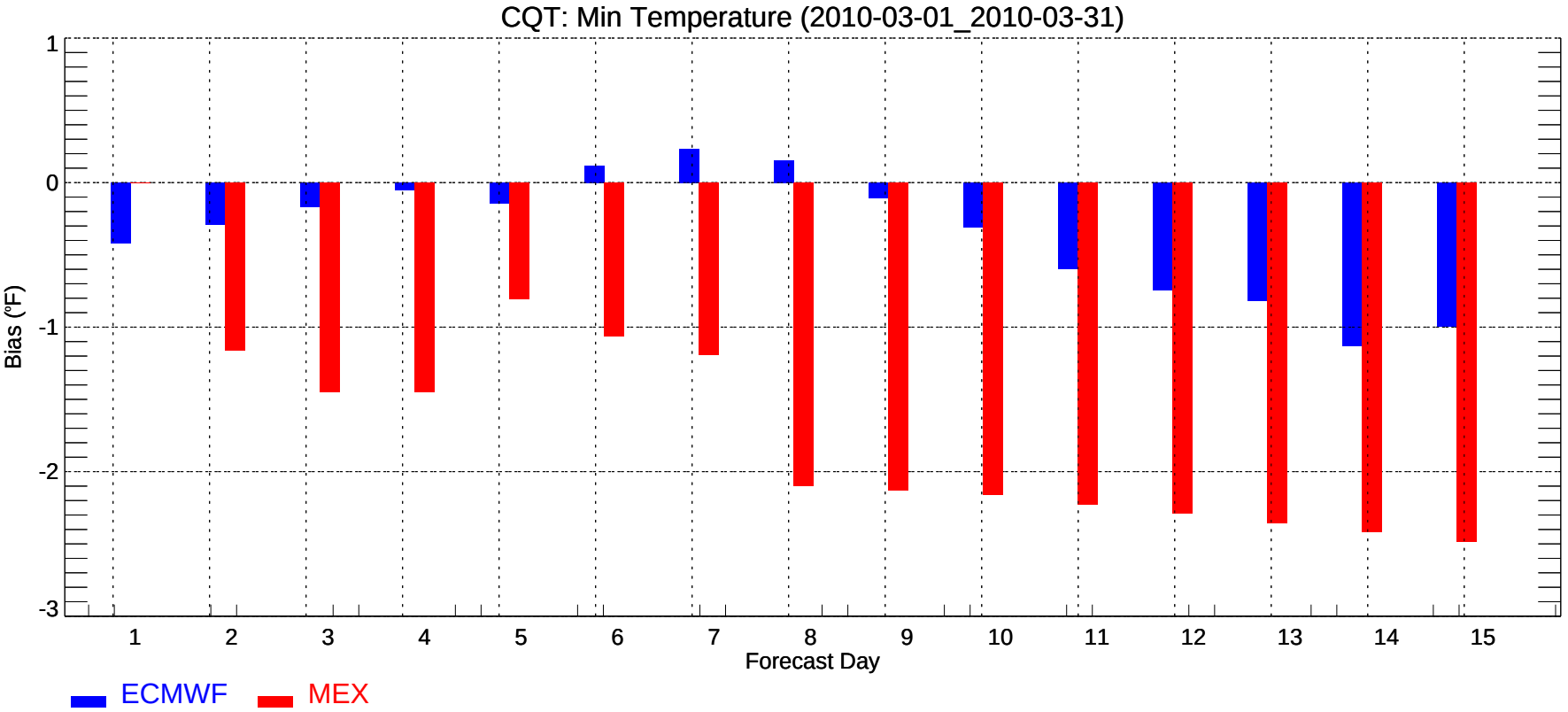
13
14
15
Forecast Day
ECMWF
MEX


CQT: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
1
2
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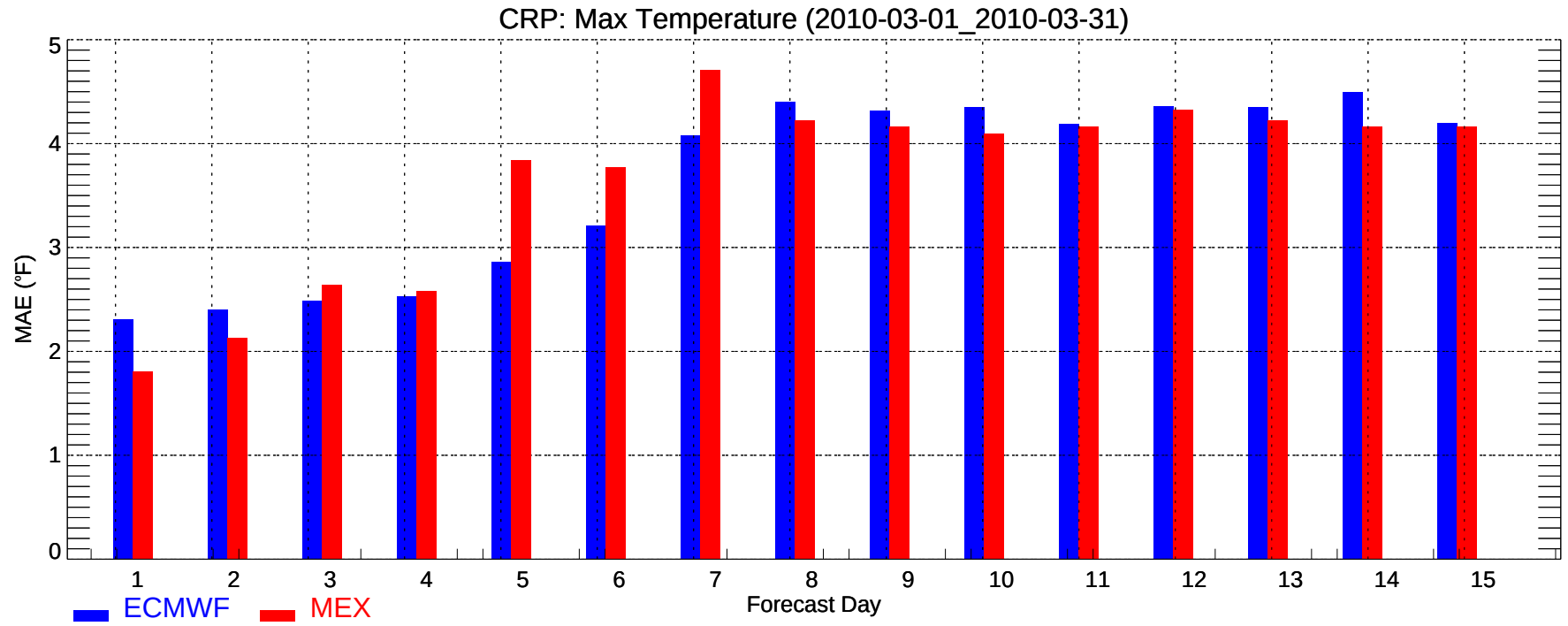
Forecast Day
ECMWF
MEX


CRP: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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2
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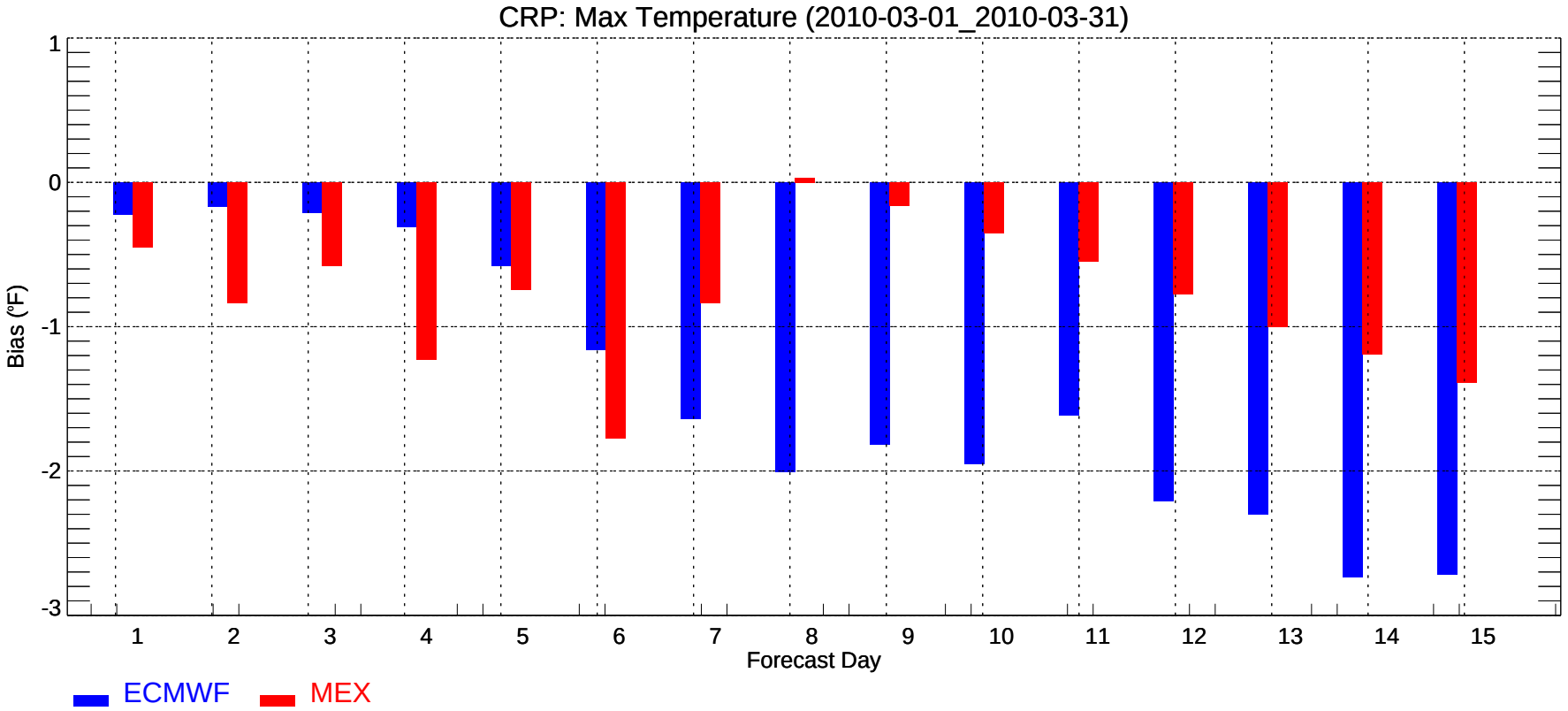
14
15
Forecast Day
ECMWF
MEX


CRP: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
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-1
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-3
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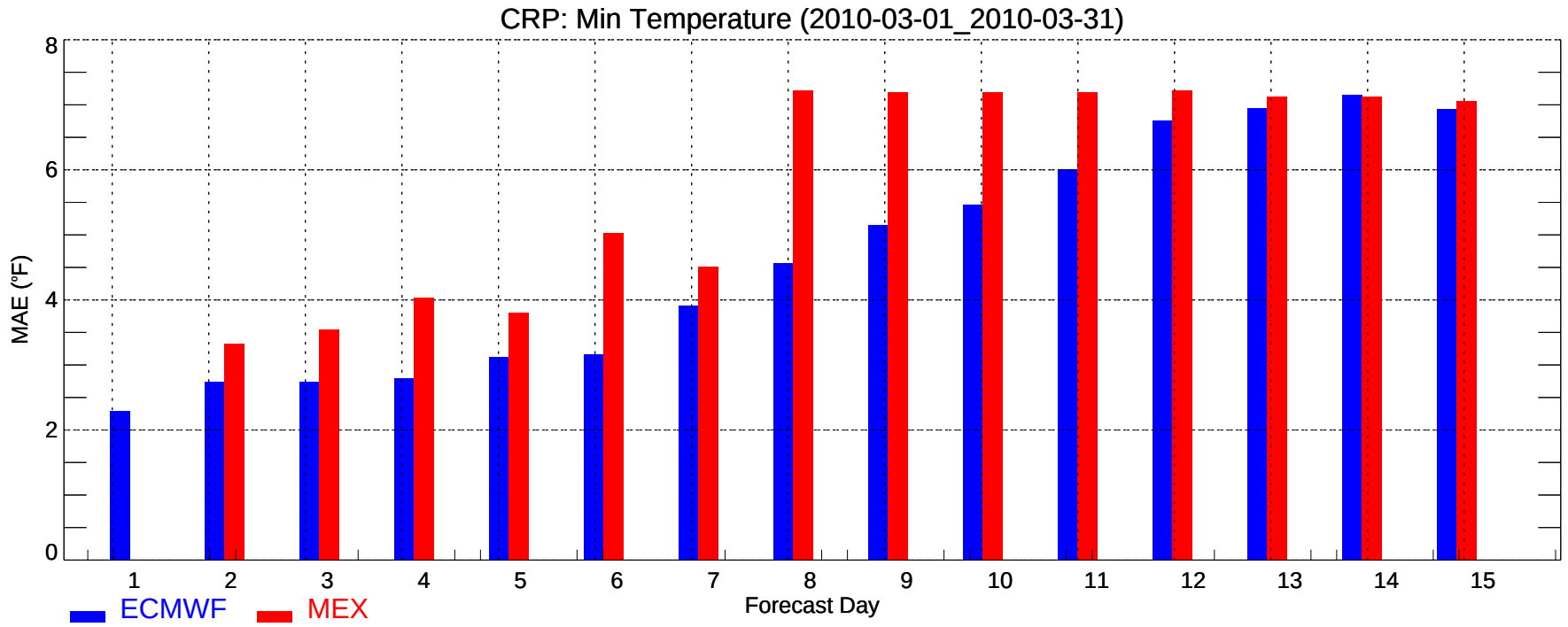
Forecast Day
ECMWF
MEX


CRP: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
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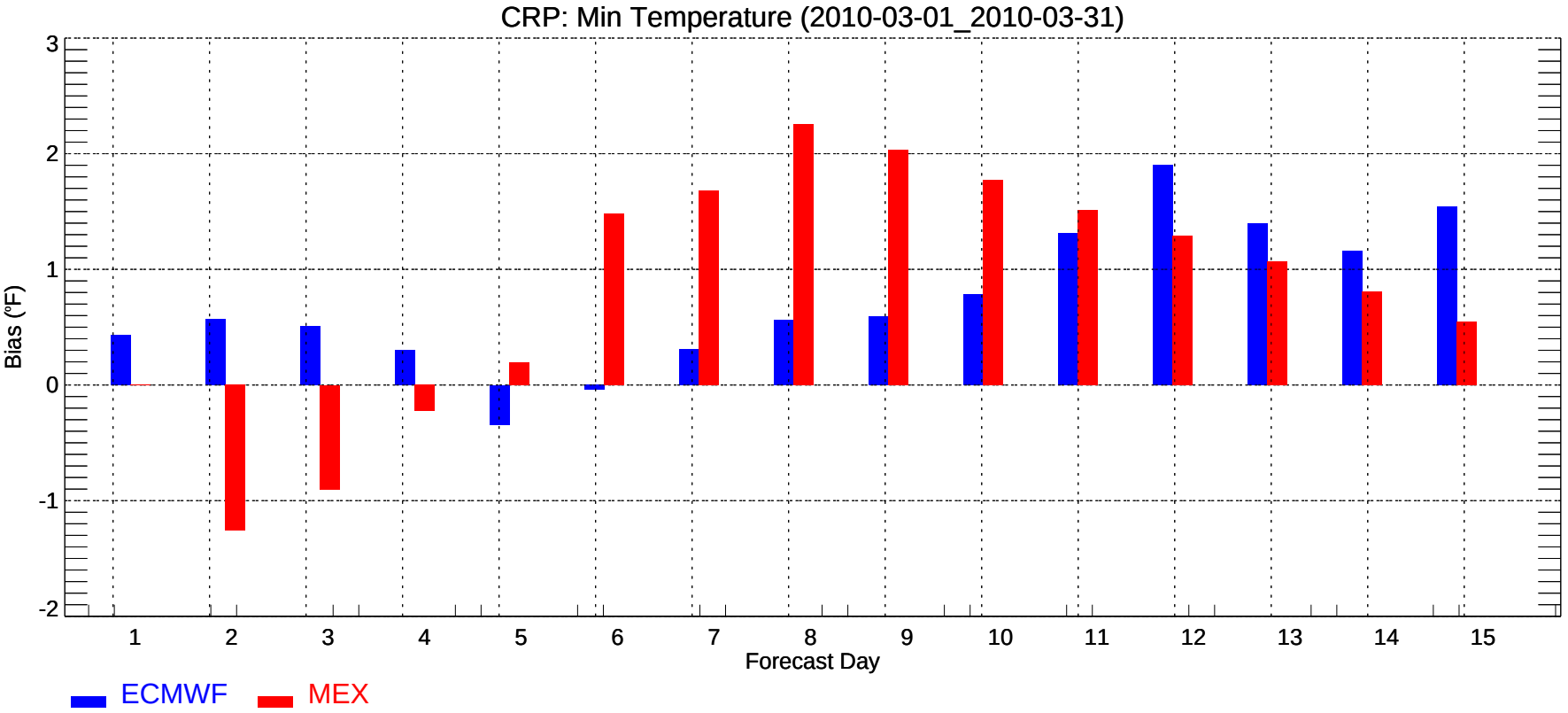
Forecast Day
ECMWF
MEX


CRP: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
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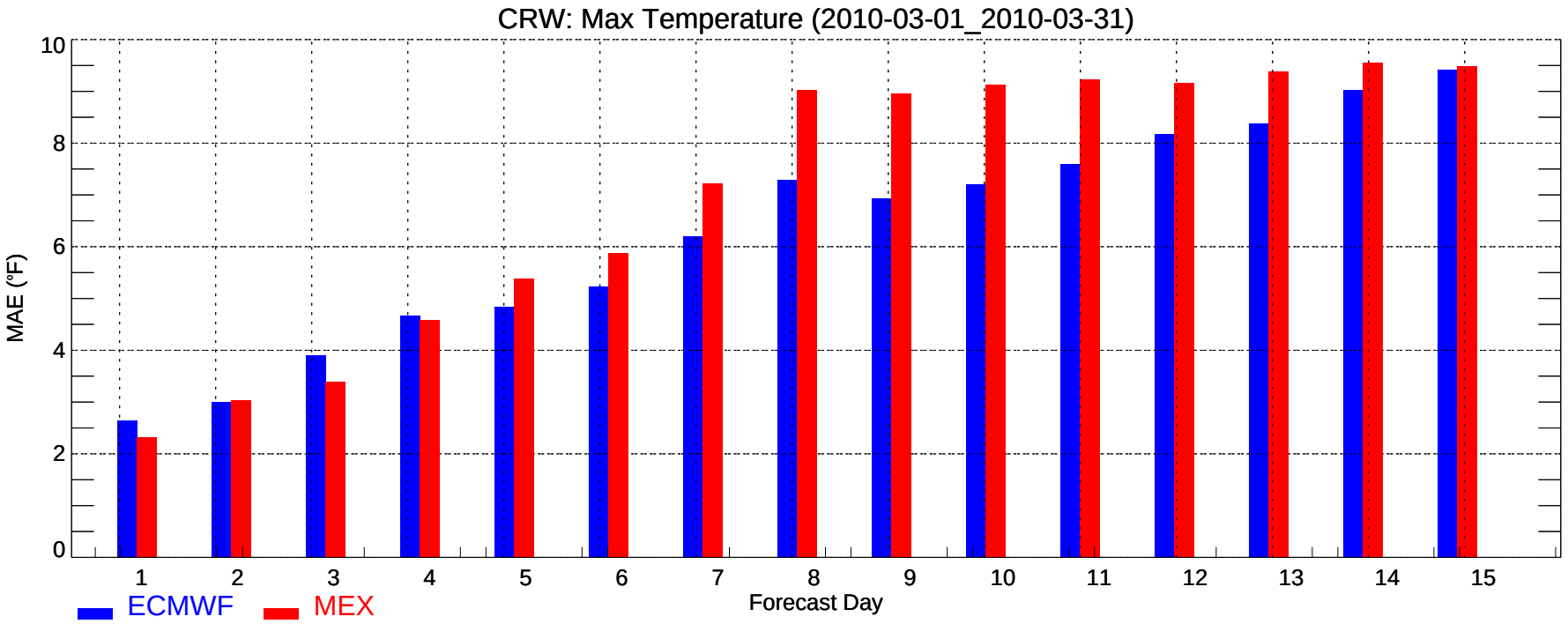
Forecast Day
ECMWF
MEX


CRW: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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11
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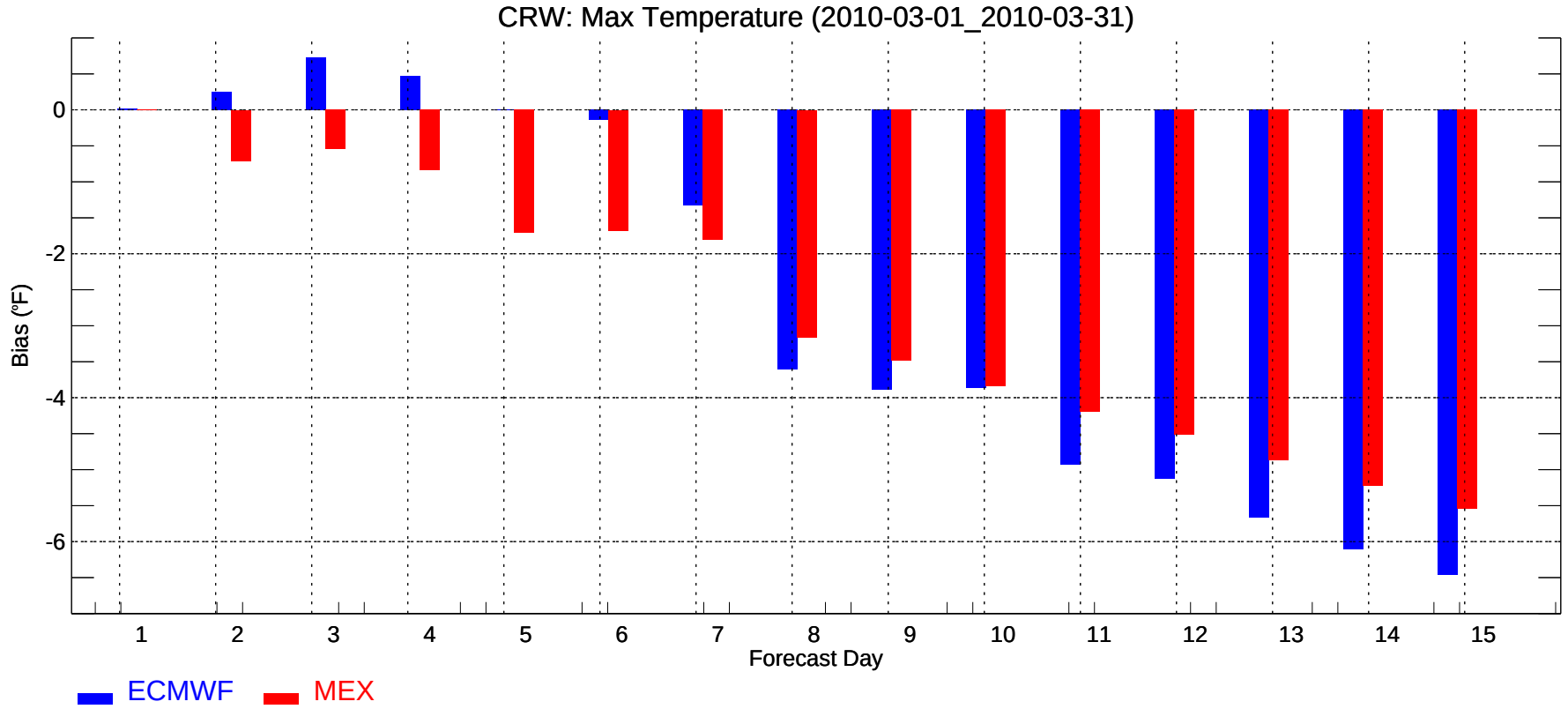
14
15
Forecast Day
ECMWF
MEX


CRW: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
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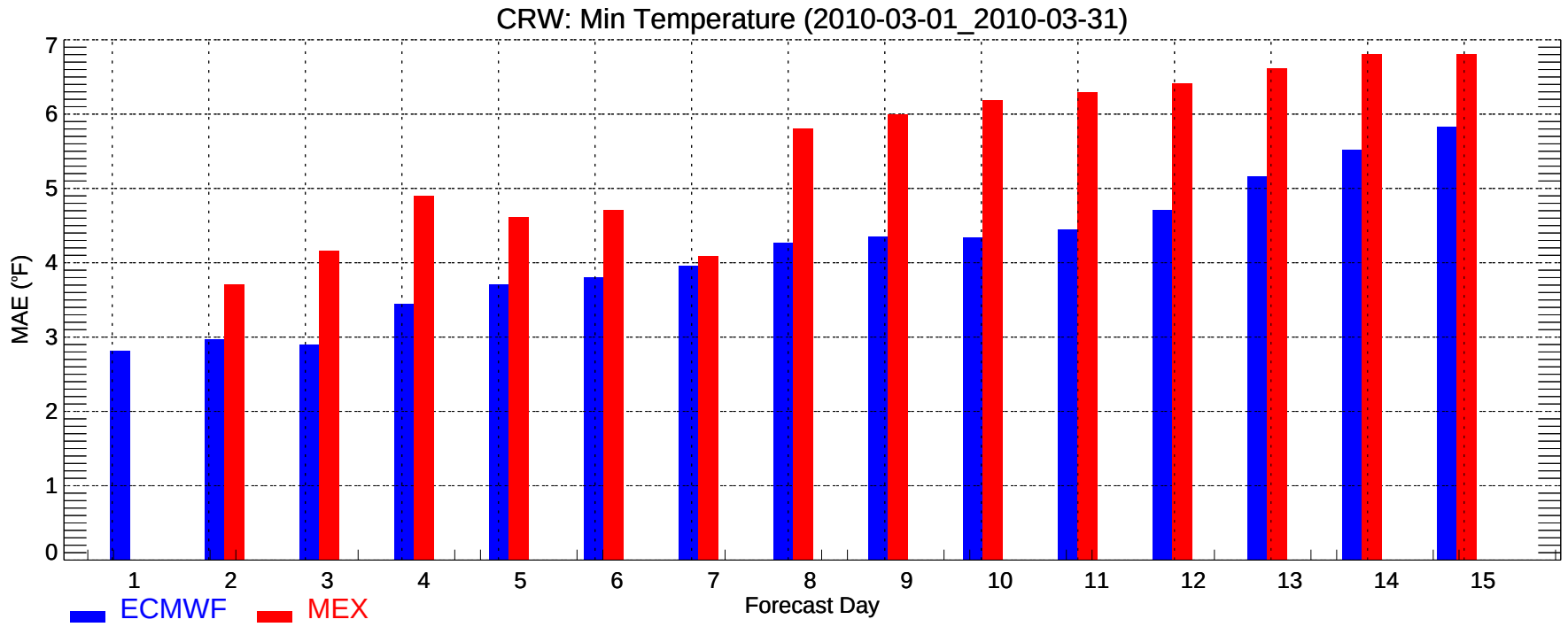
Forecast Day
ECMWF
MEX


CRW: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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6
7
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2
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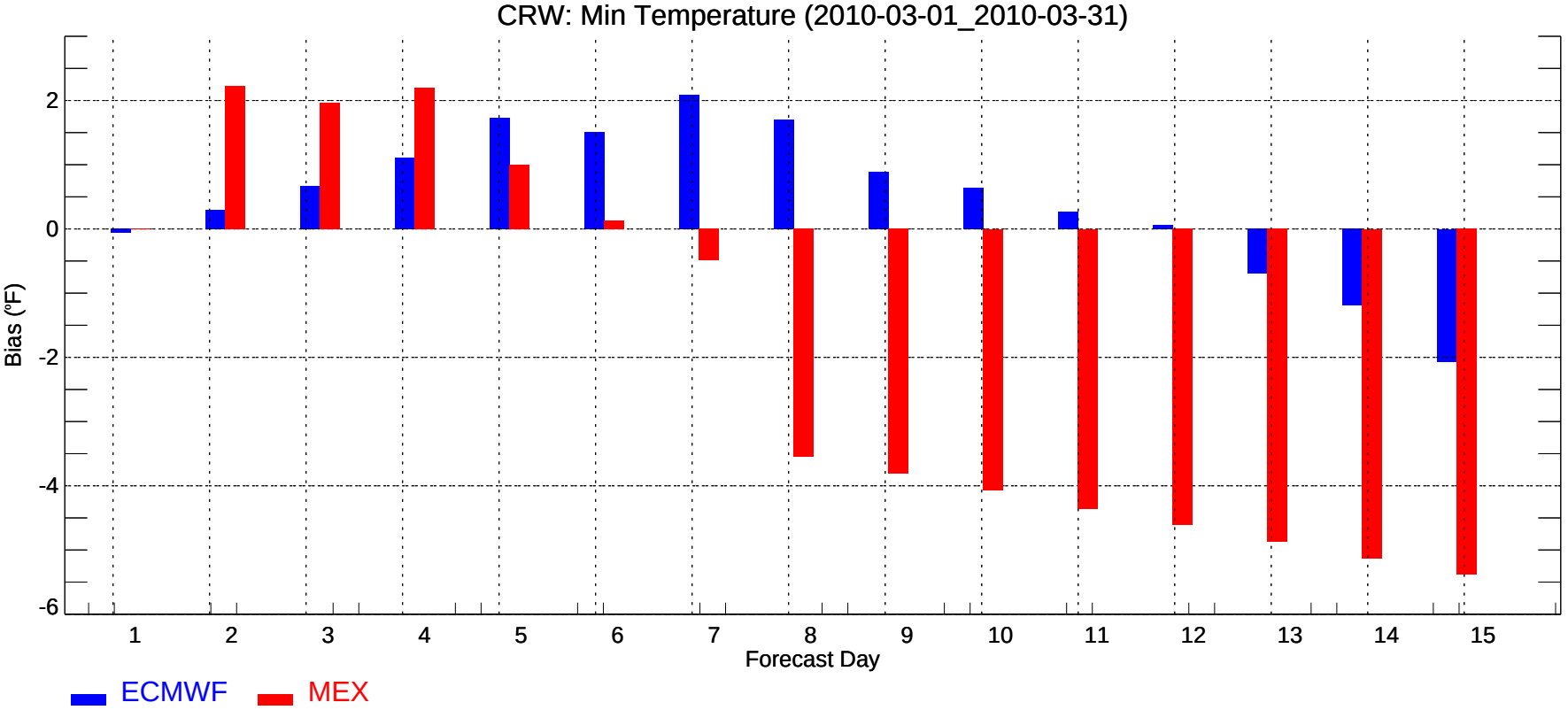
Forecast Day
ECMWF
MEX


CRW: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-6
-4
-2
0
2
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2
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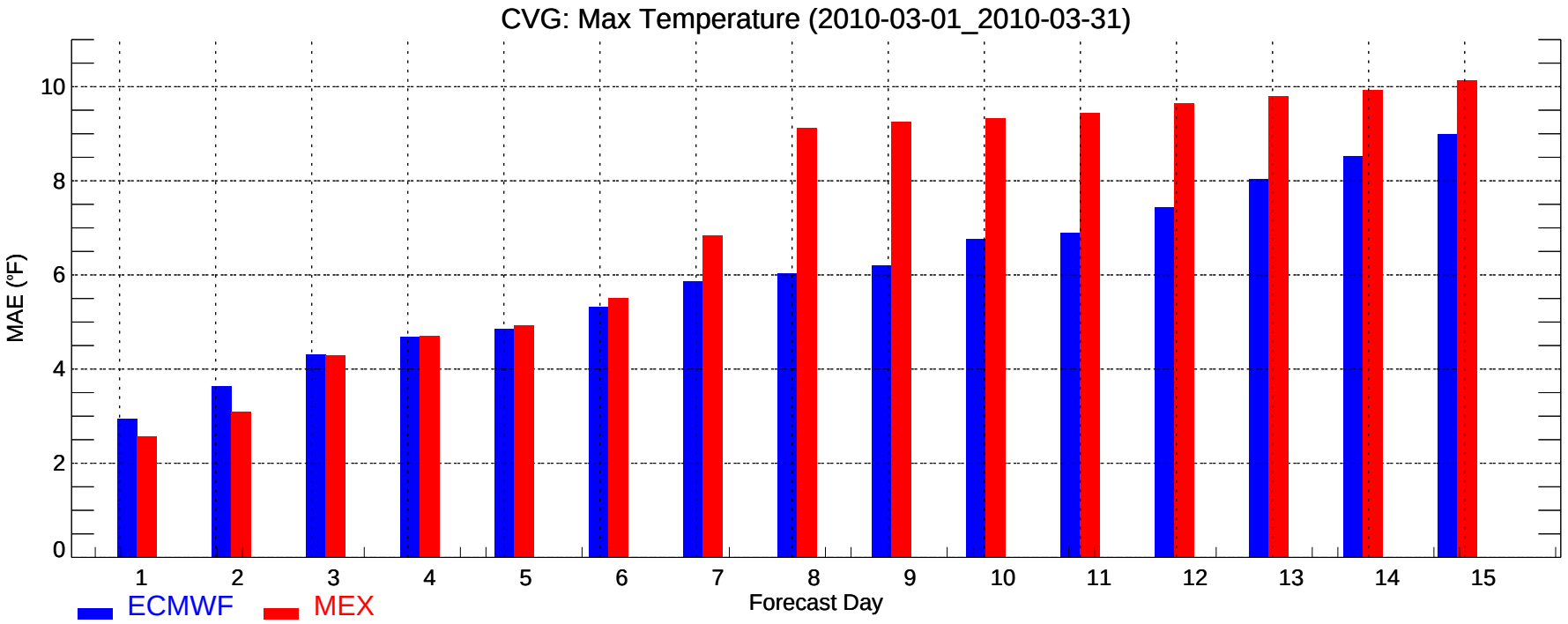
Forecast Day
ECMWF
MEX


CVG: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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8
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7
8
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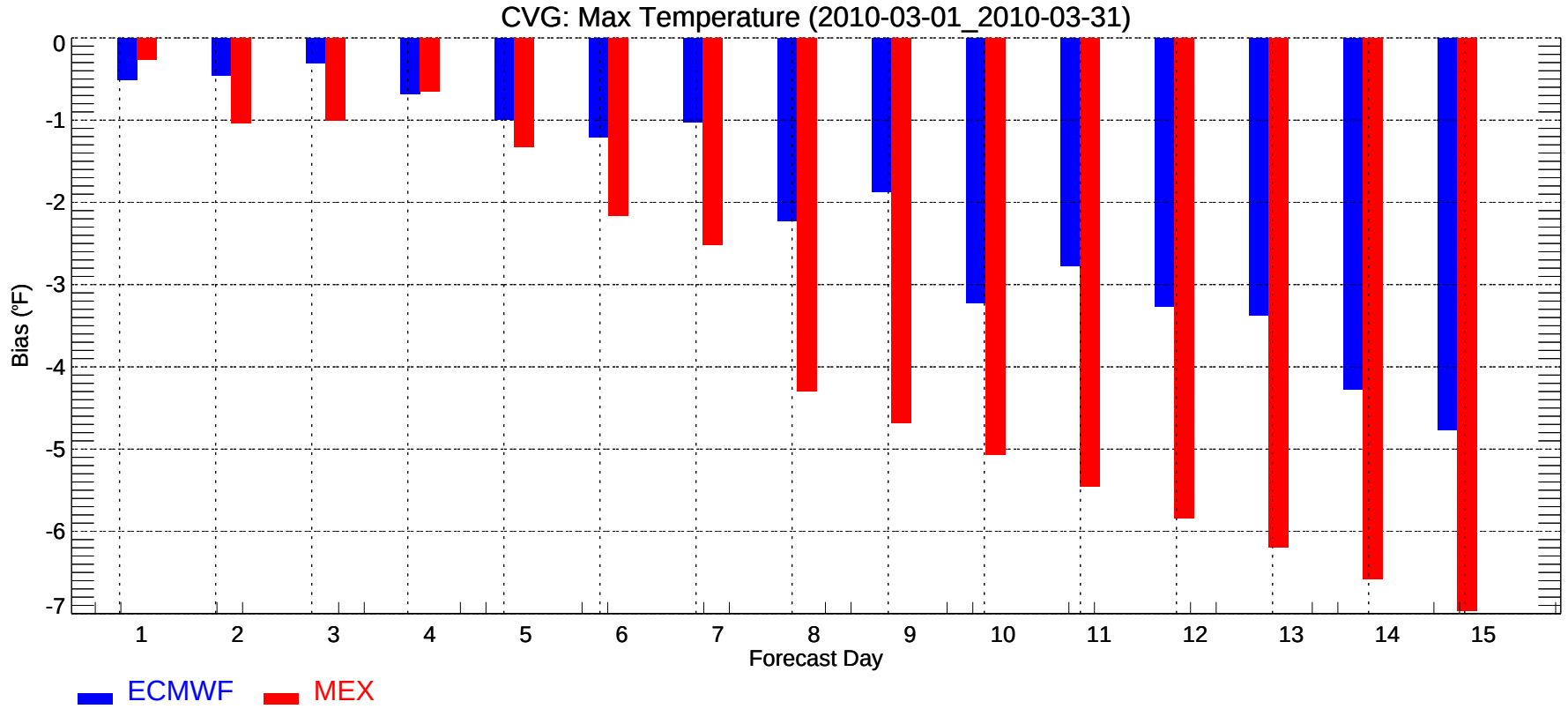
12
13
14
15
Forecast Day
ECMWF
MEX


CVG: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-1
-2
-3
-4
-5
-6
-7
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2
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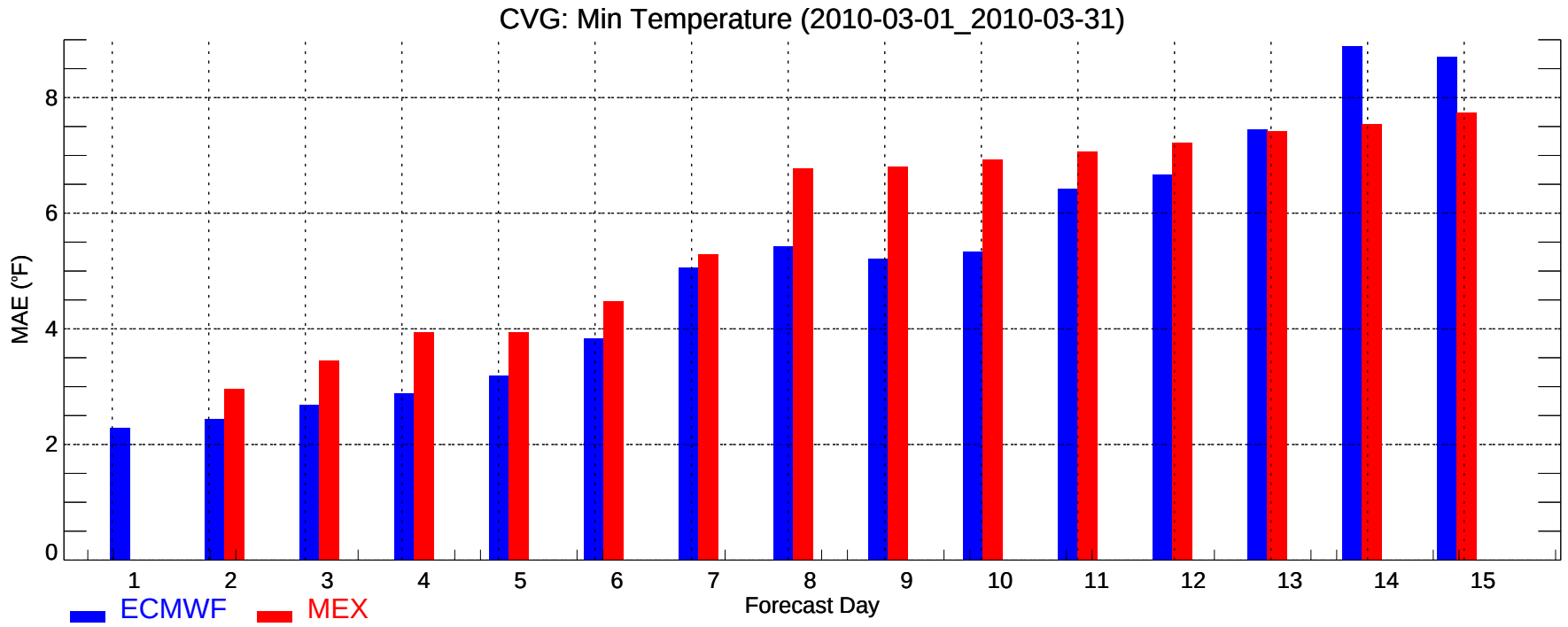
Forecast Day
ECMWF
MEX


CVG: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
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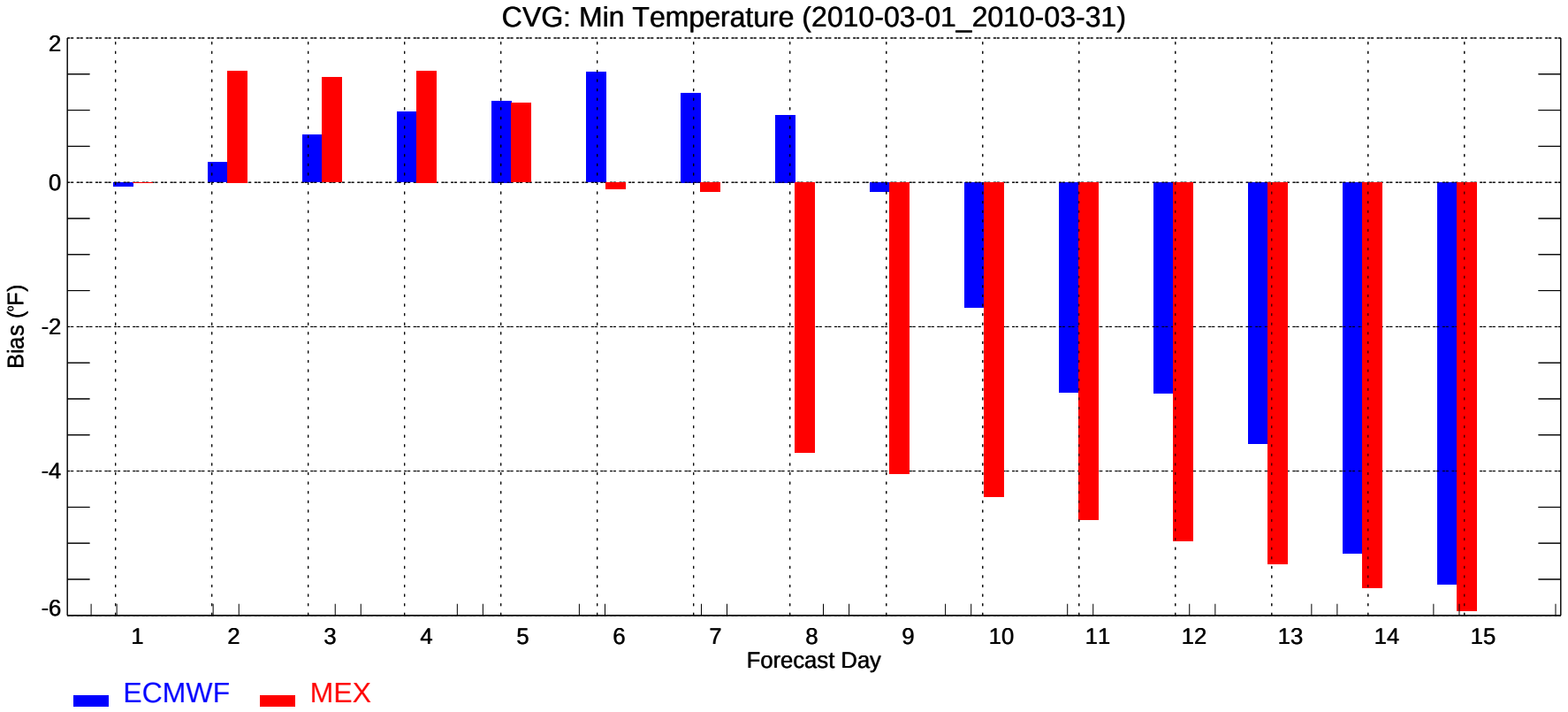
Forecast Day
ECMWF
MEX


CVG: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
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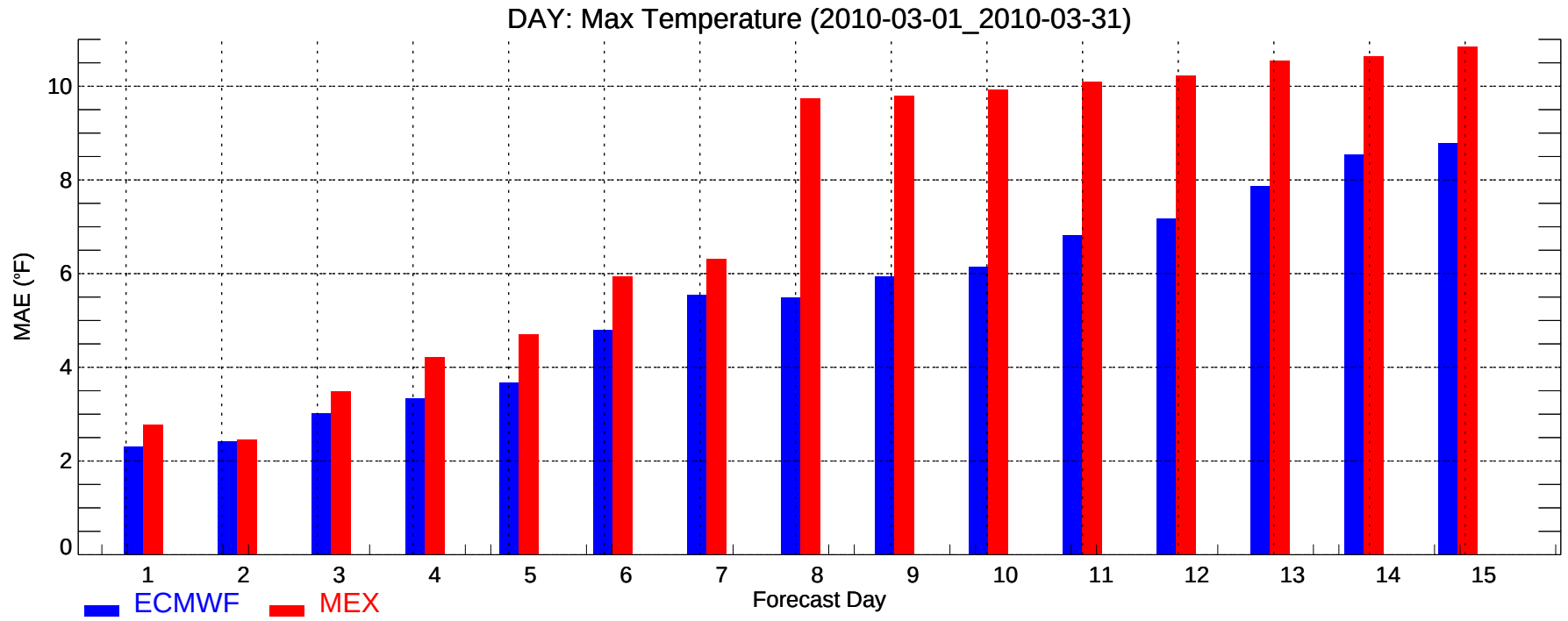
Forecast Day
ECMWF
MEX


DAY: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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4
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8
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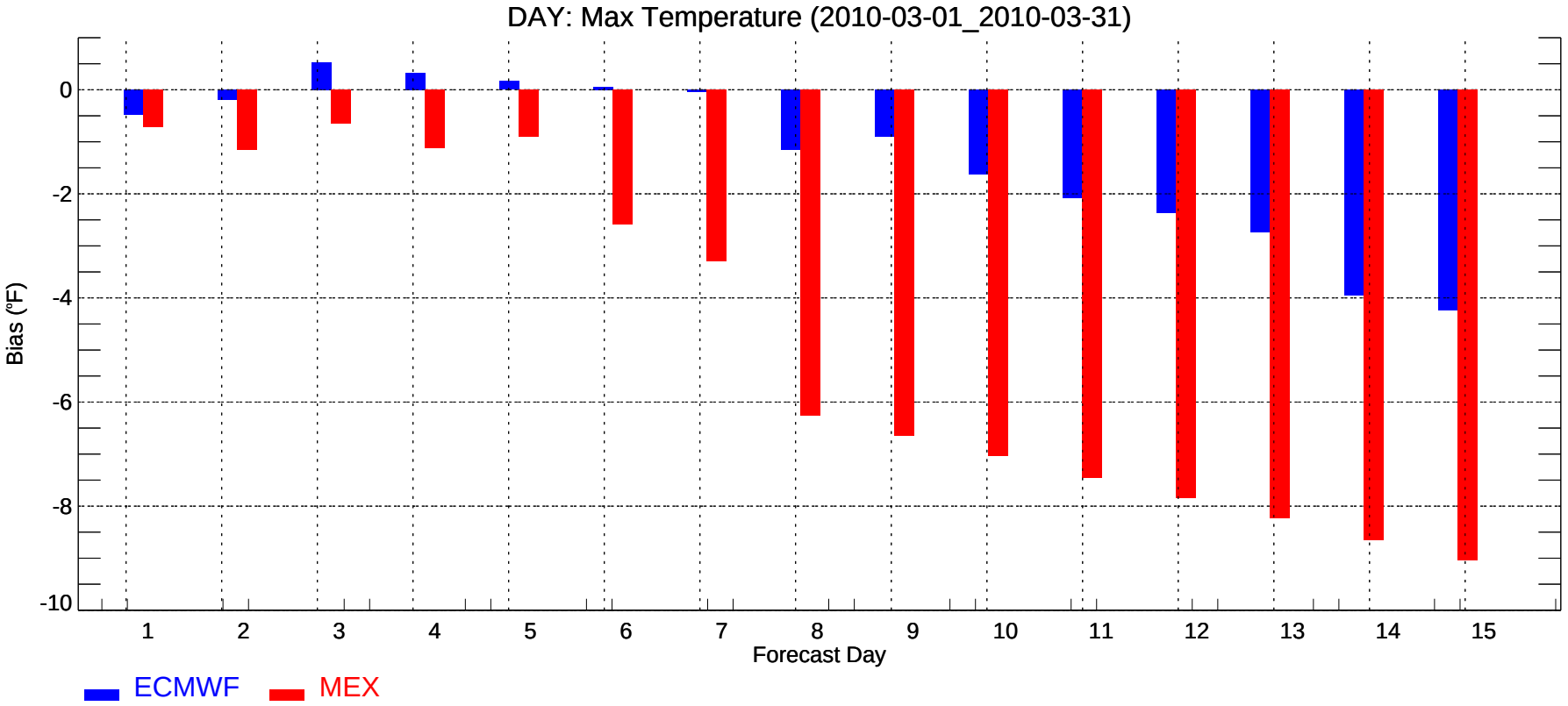
Forecast Day
ECMWF
MEX


DAY: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
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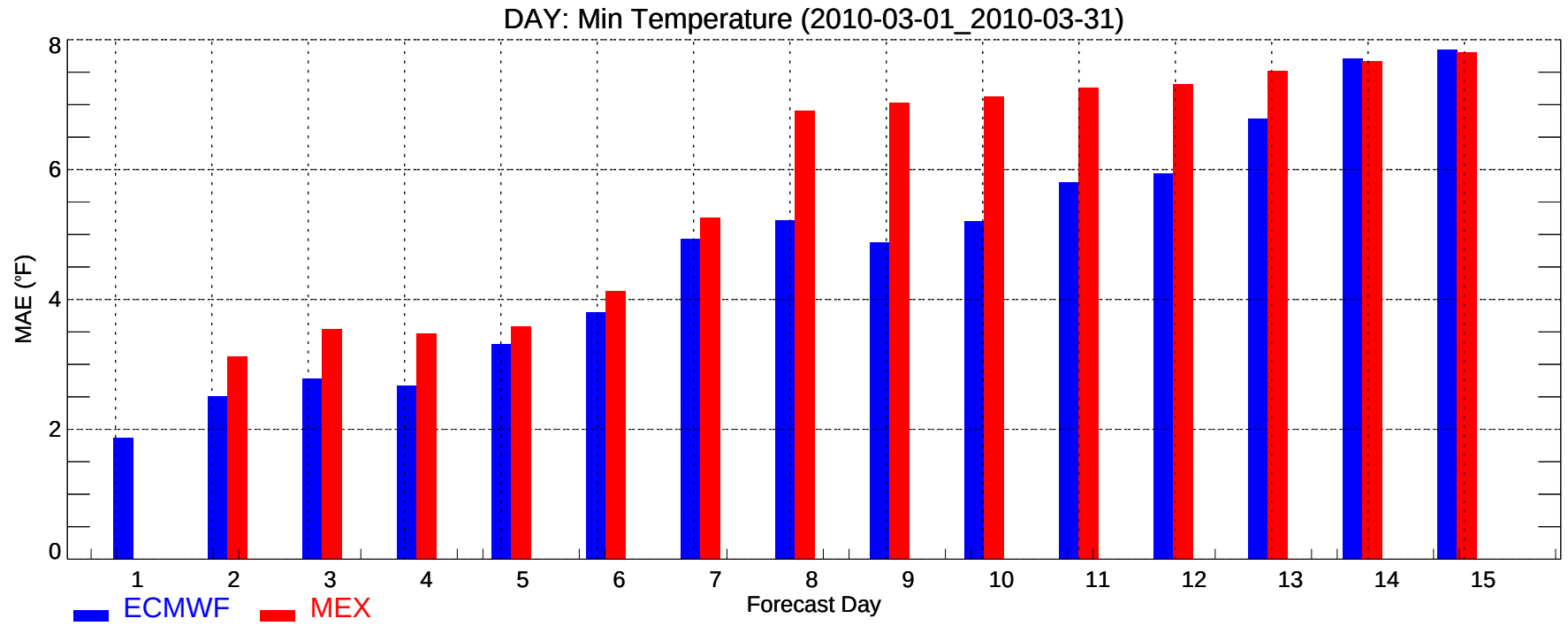
Forecast Day
ECMWF
MEX


DAY: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
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8
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2
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14
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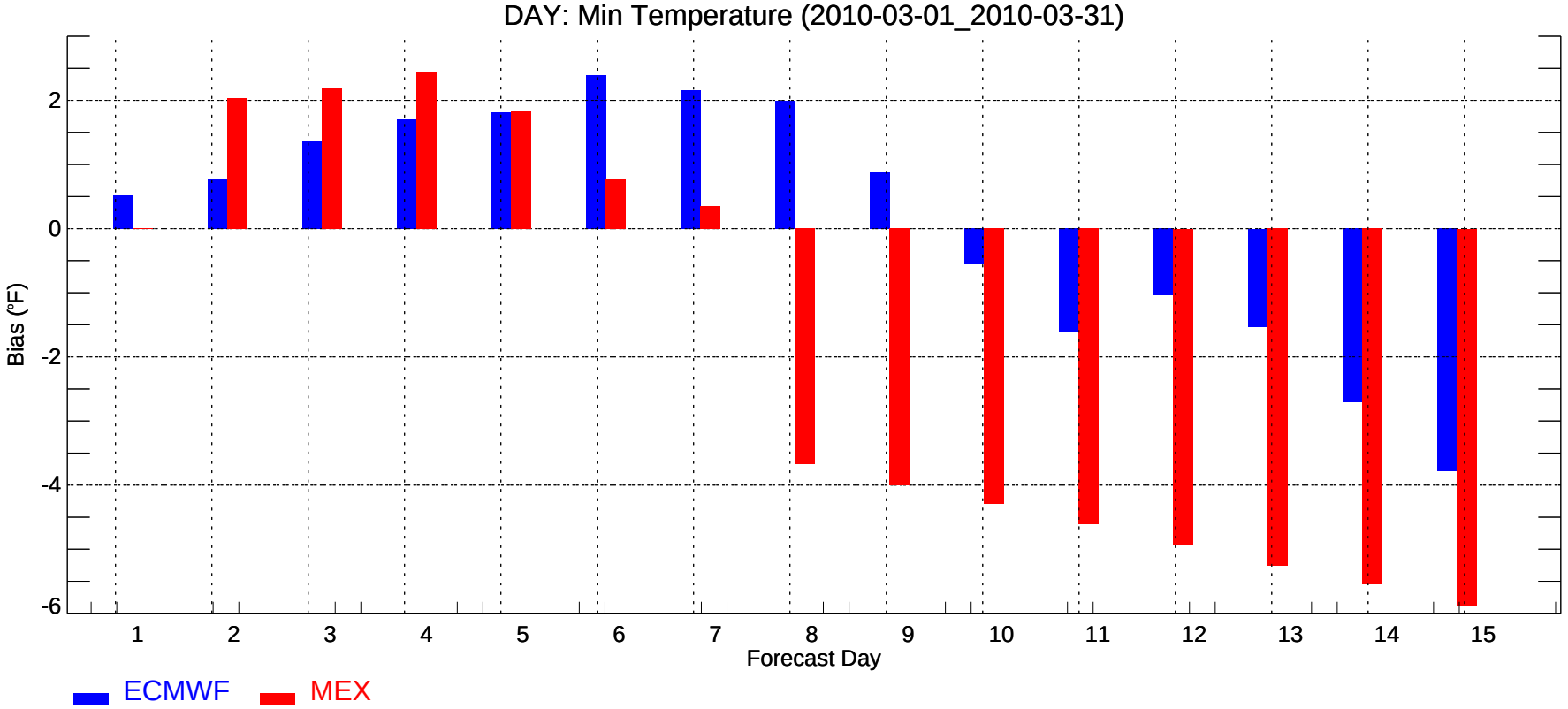
Forecast Day
ECMWF
MEX


DAY: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-6
-4
-2
0
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1
2
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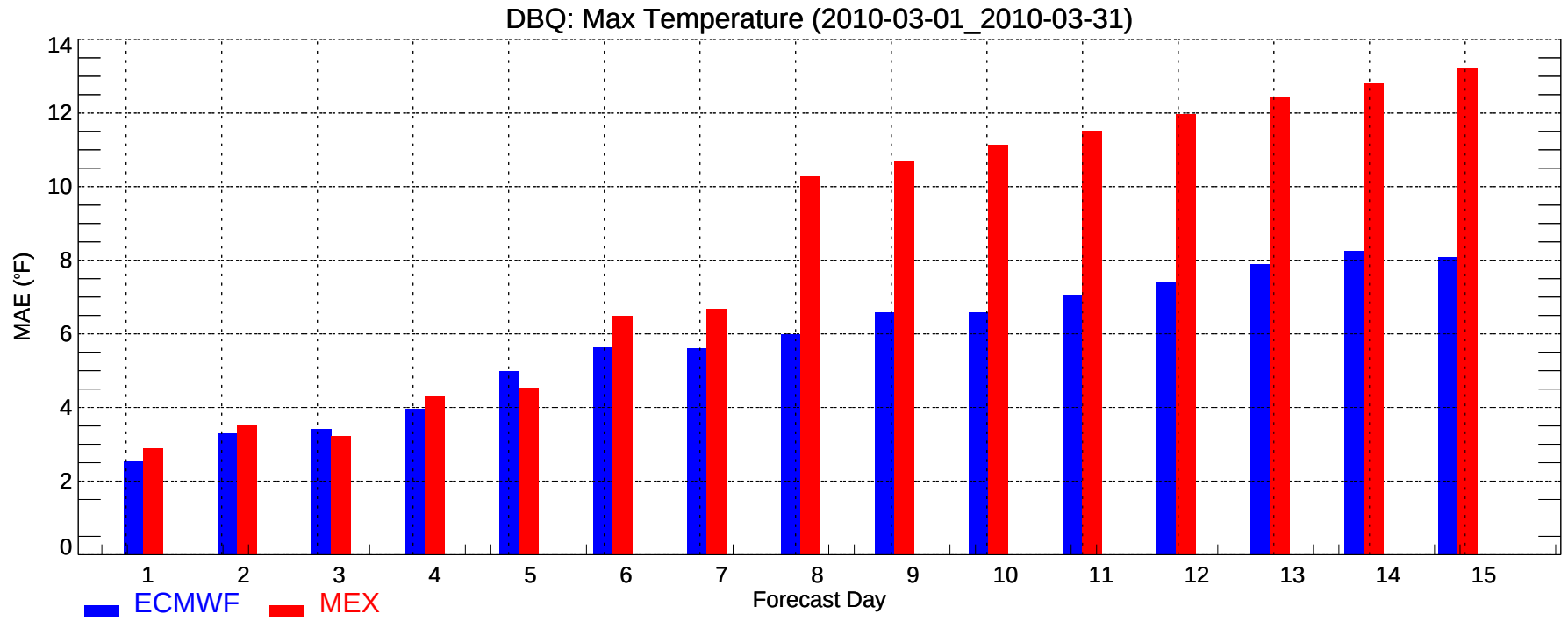
Forecast Day
ECMWF
MEX


DBQ: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
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2
4
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12
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13
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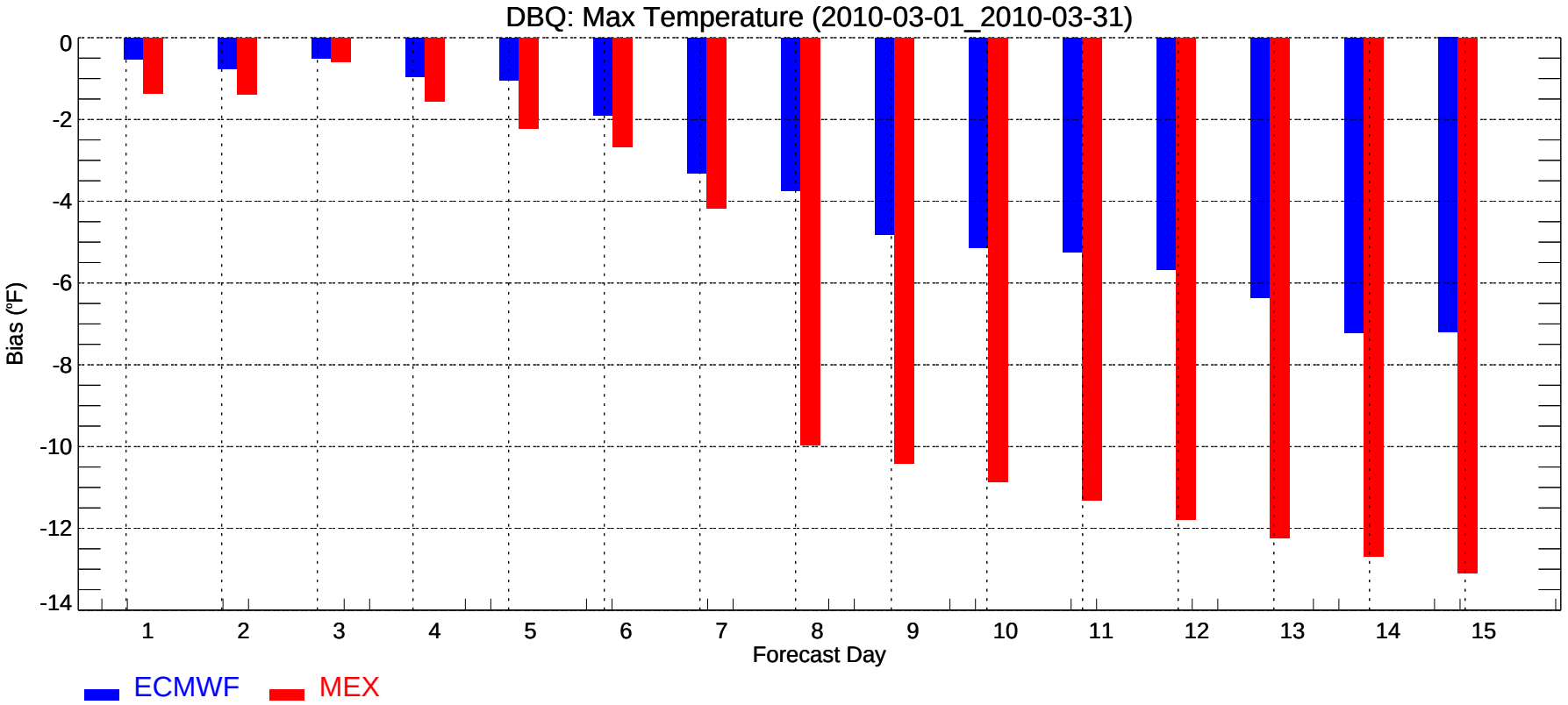
Forecast Day
ECMWF
MEX


DBQ: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
-14
1
2
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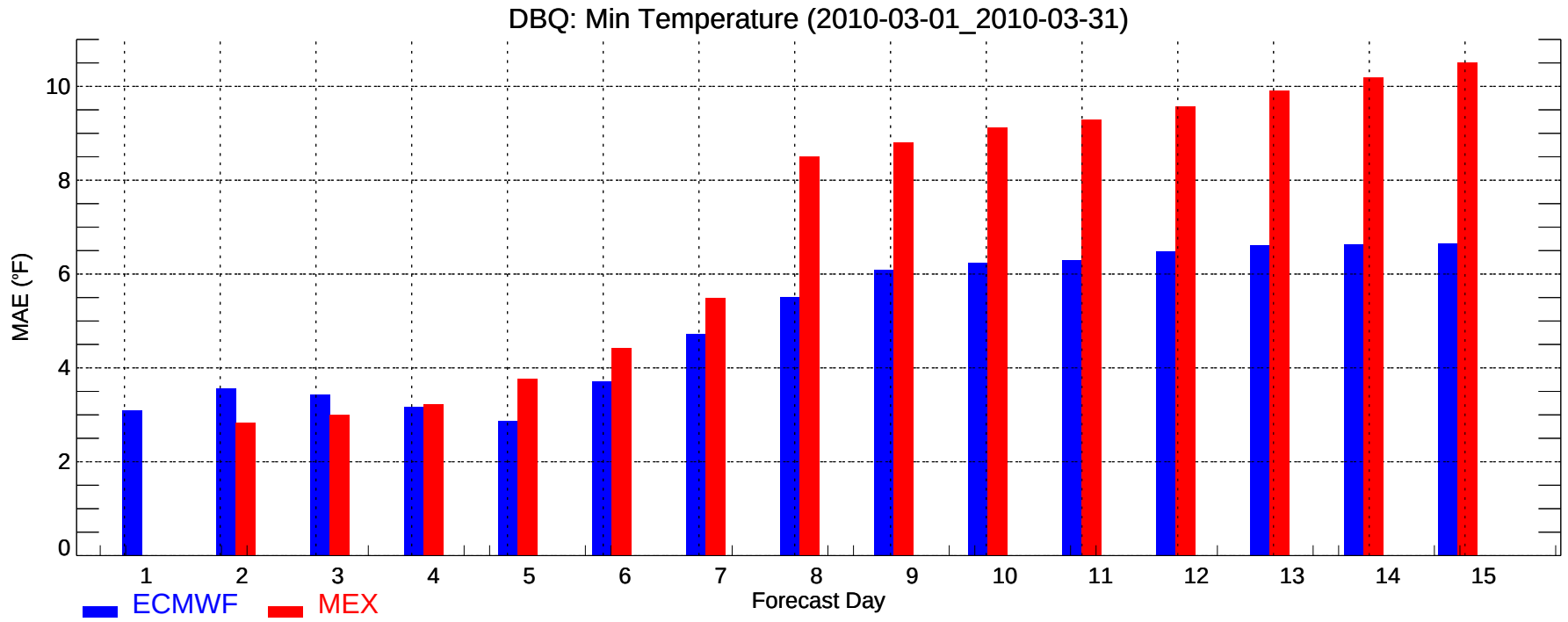
Forecast Day
ECMWF
MEX


DBQ: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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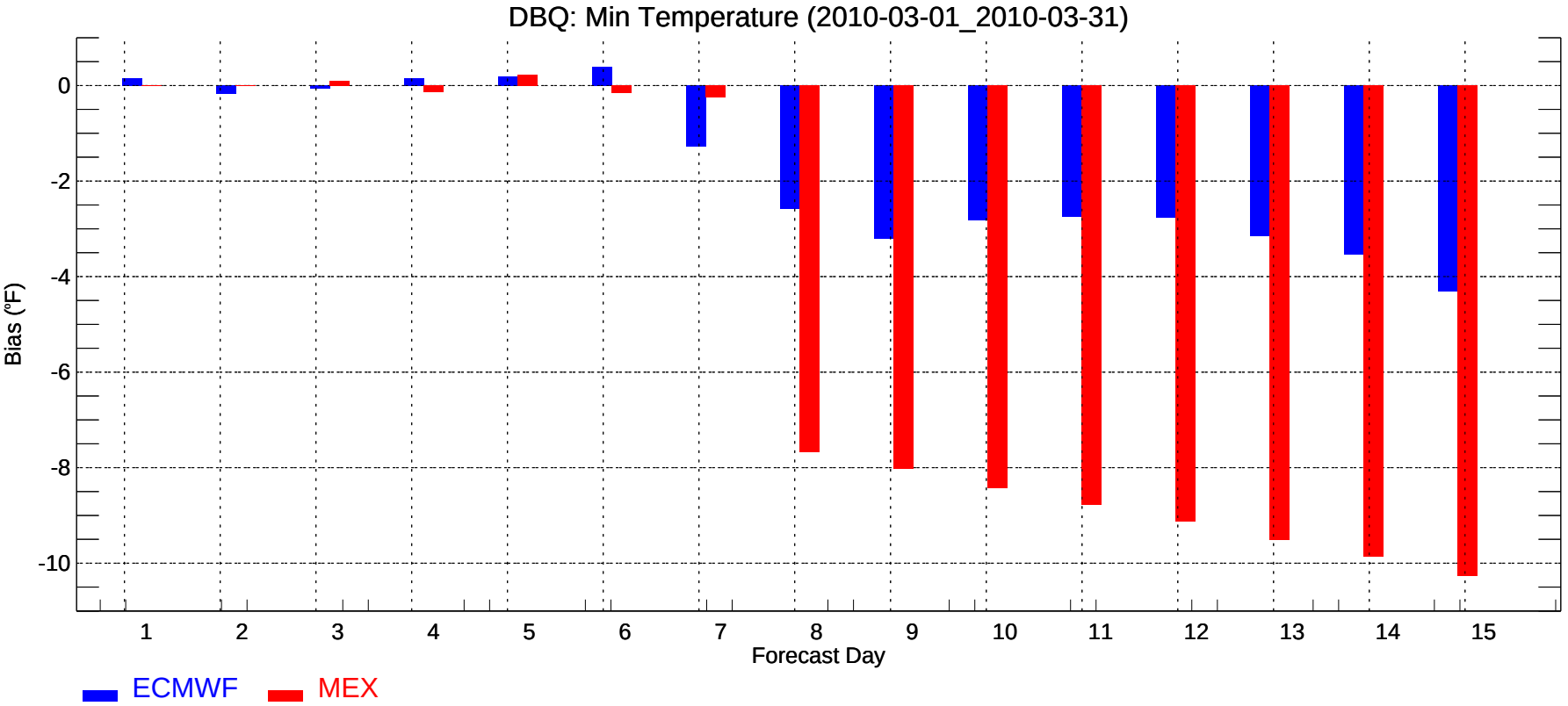
Forecast Day
ECMWF
MEX


DBQ: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
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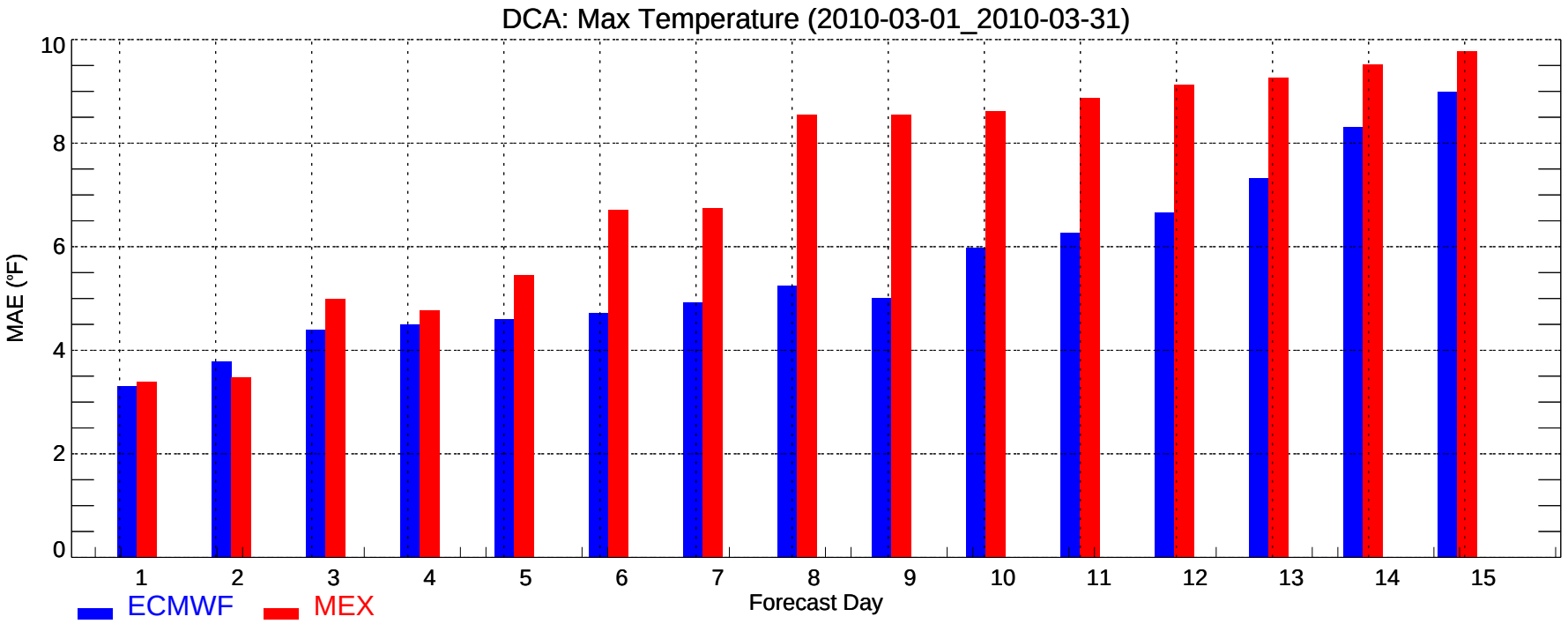
Forecast Day
ECMWF
MEX


DCA: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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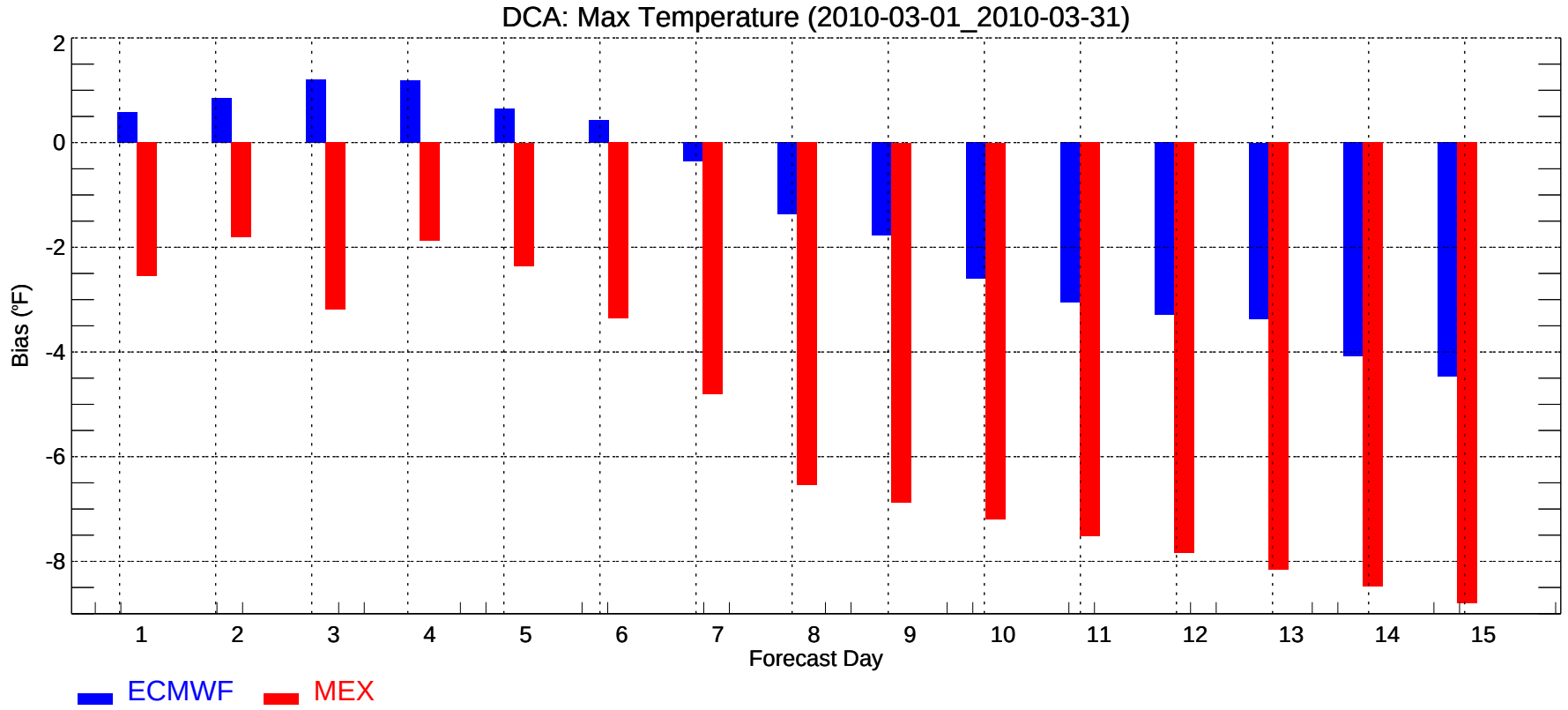
Forecast Day
ECMWF
MEX


DCA: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
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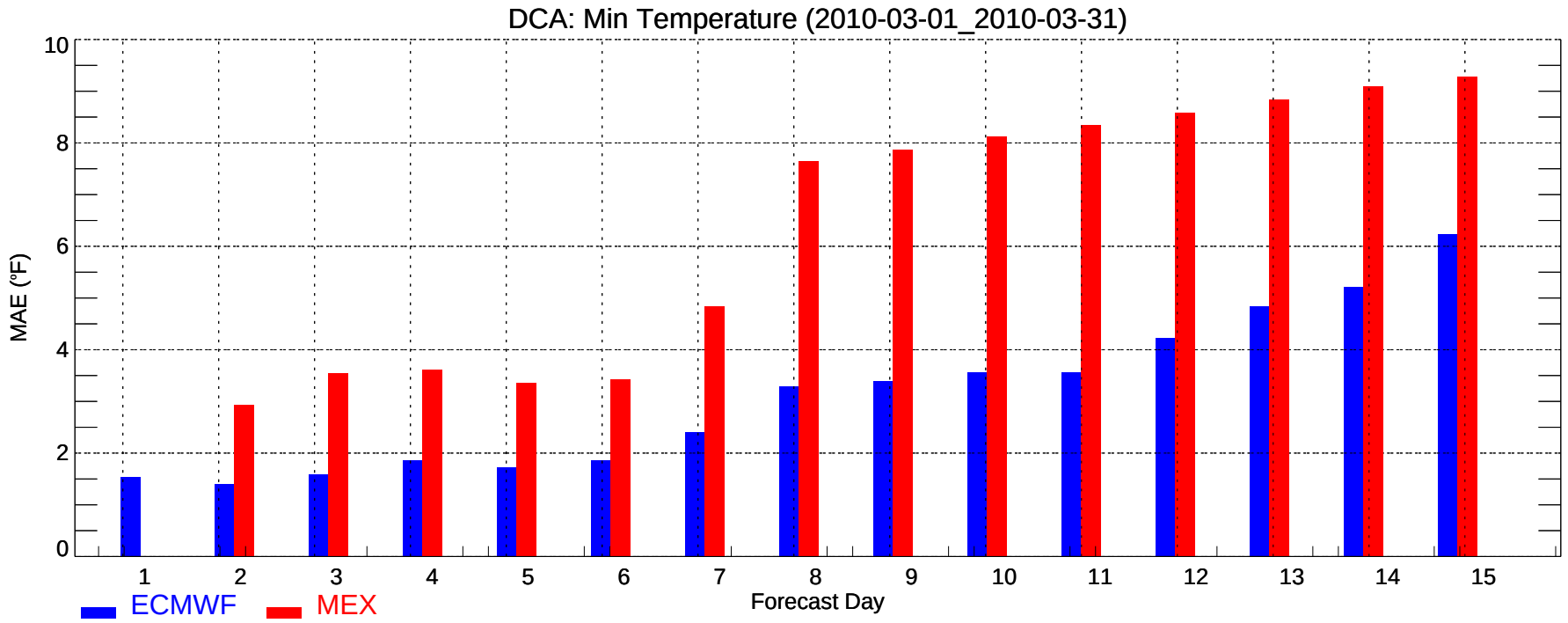
Forecast Day
ECMWF
MEX


DCA: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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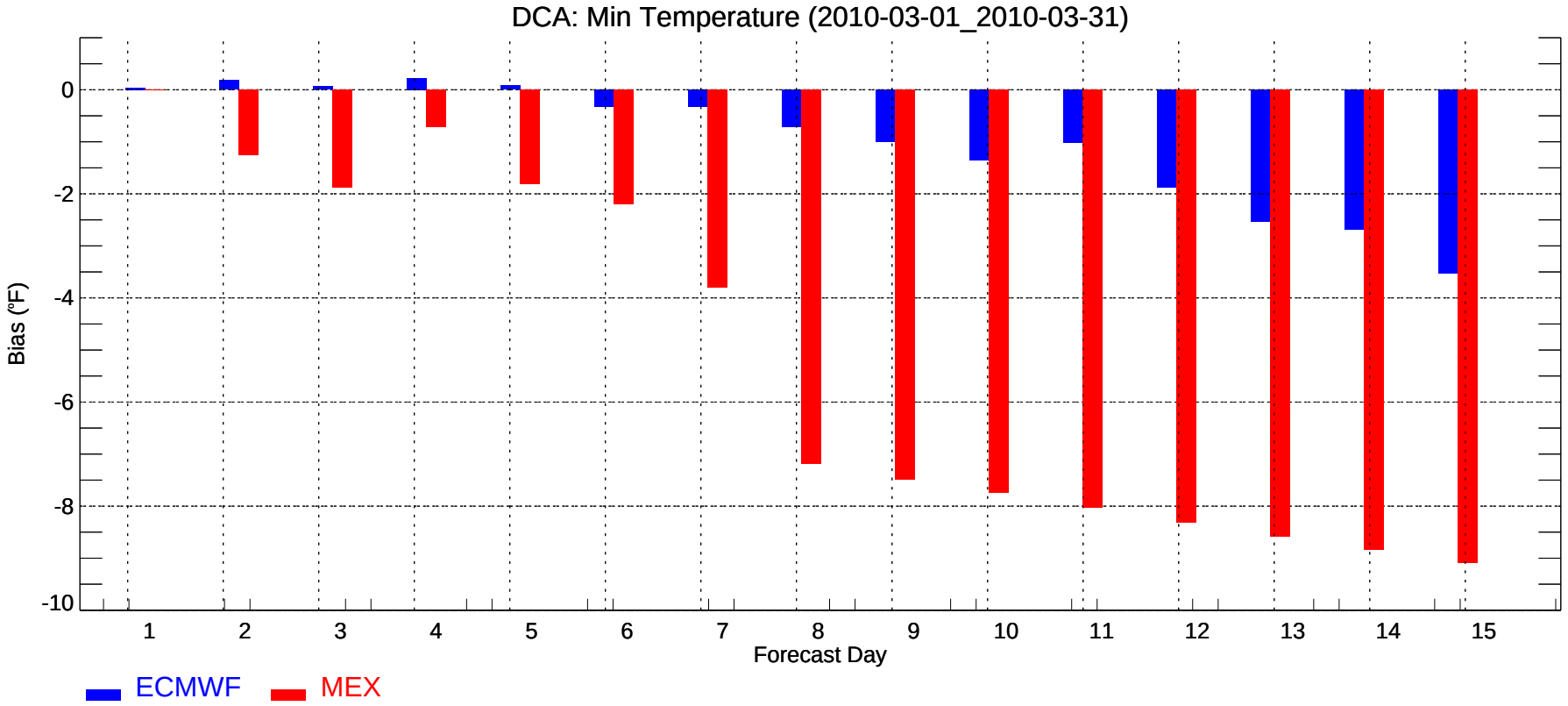
Forecast Day
ECMWF
MEX


DCA: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
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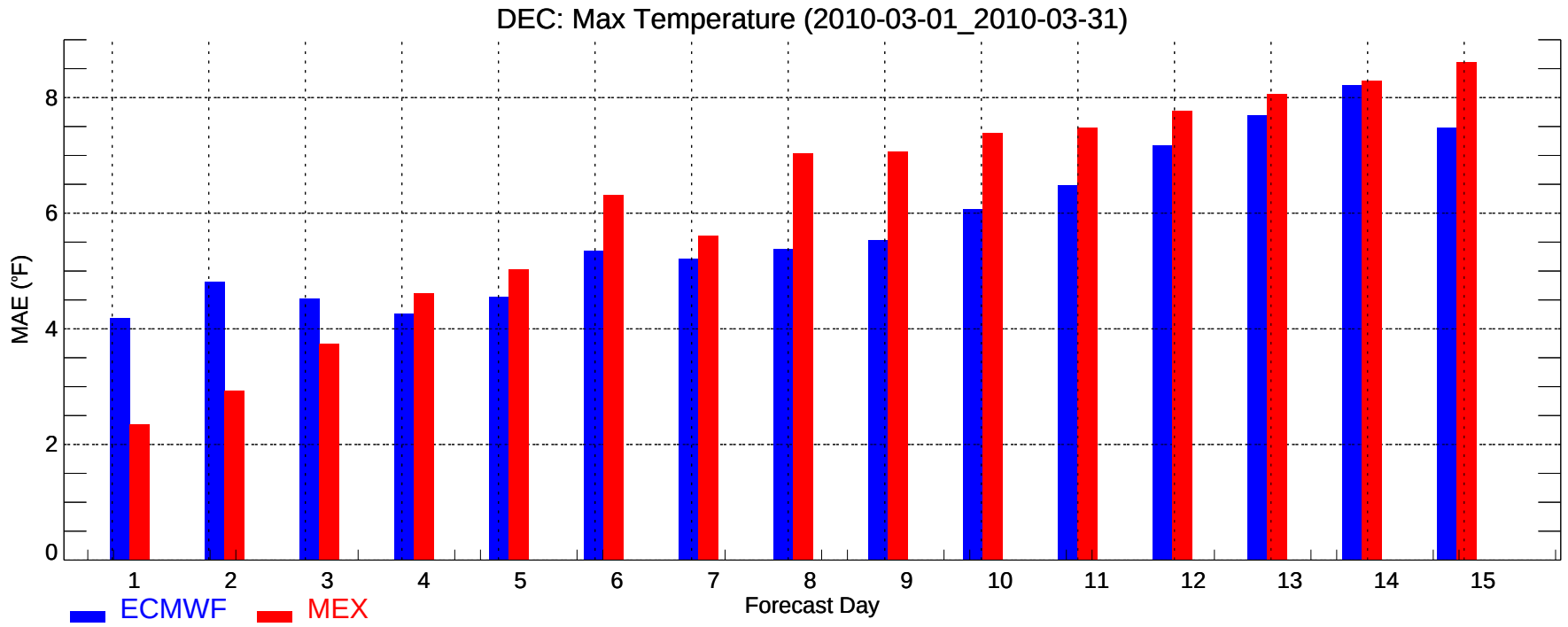
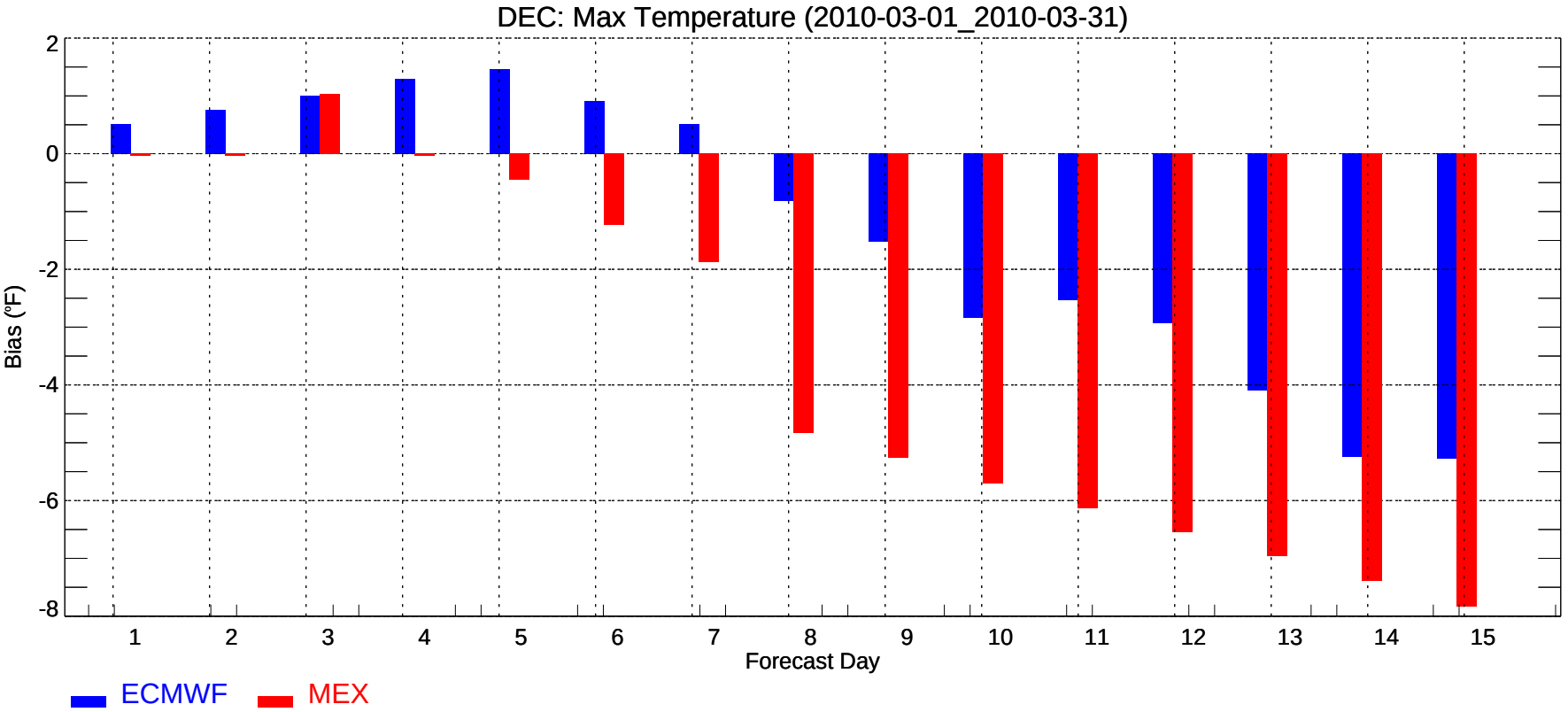
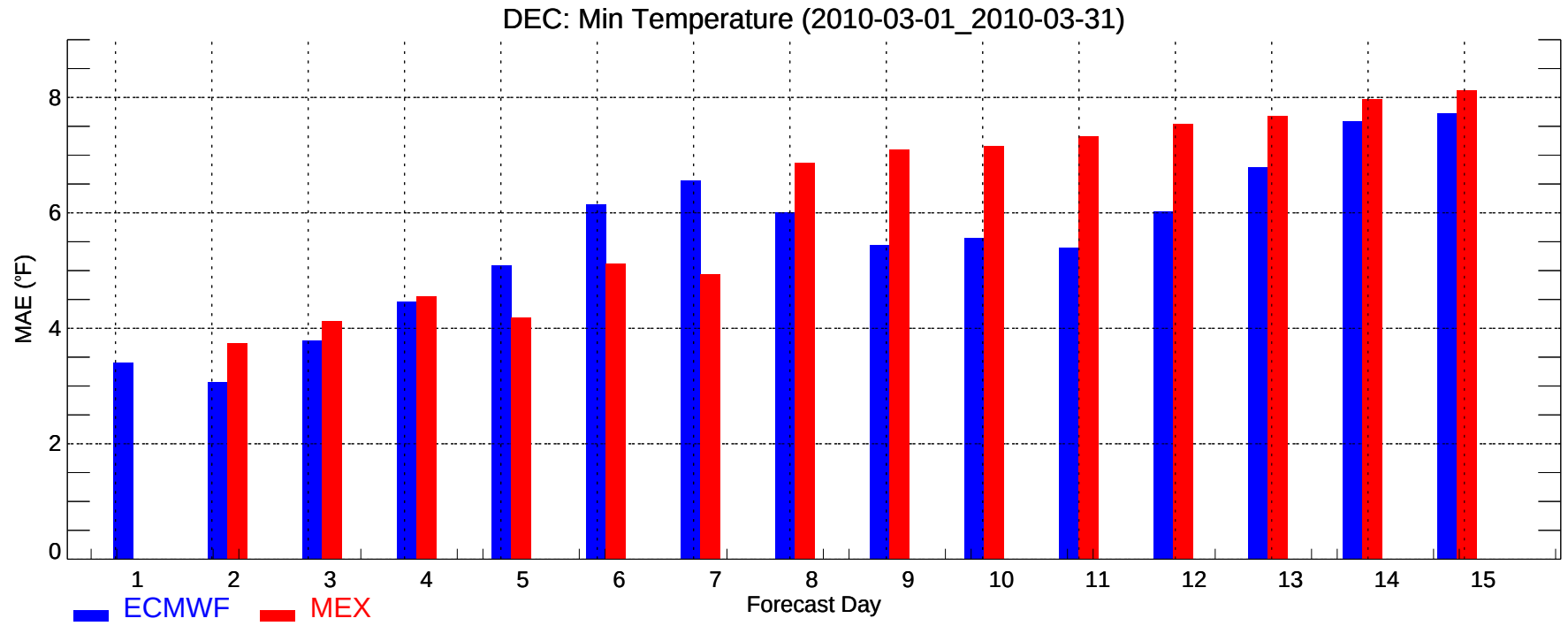
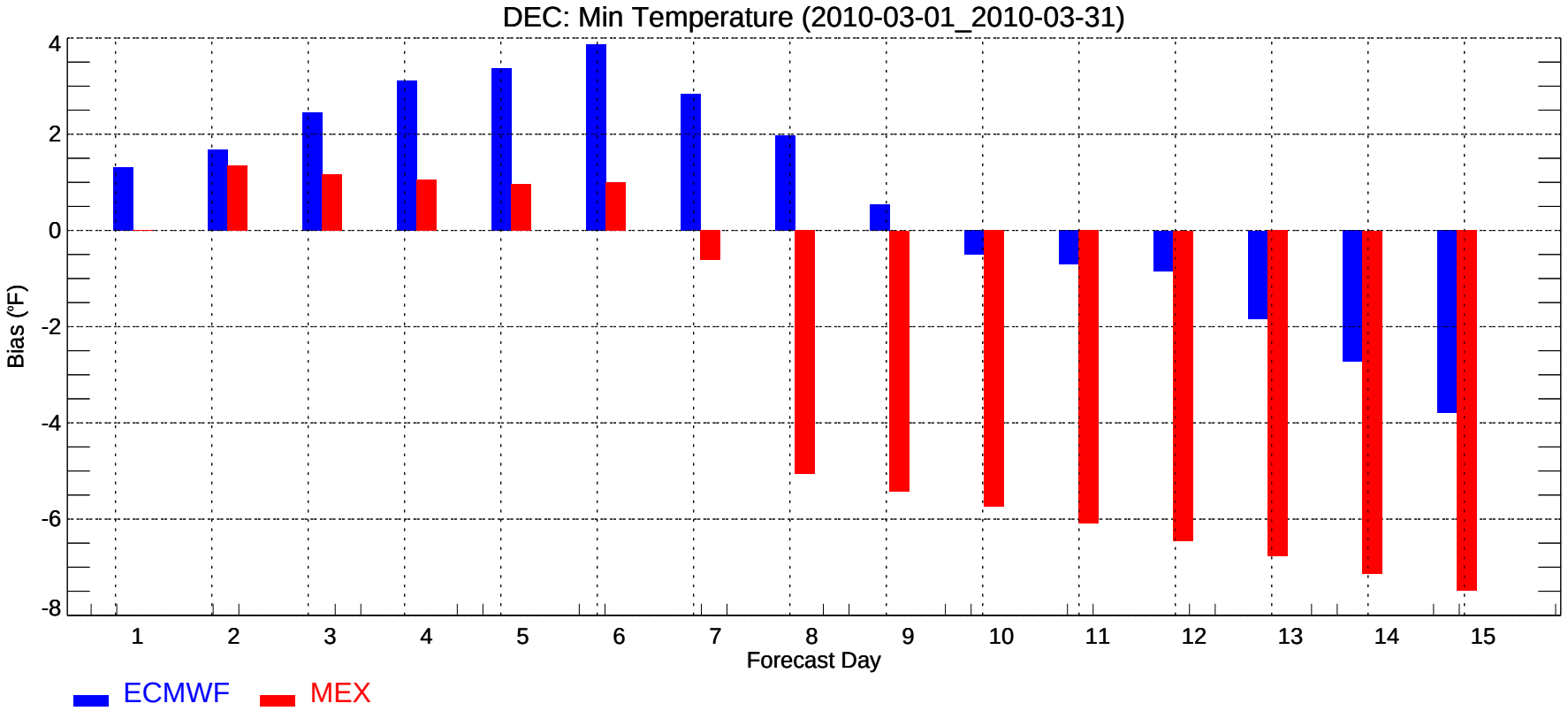
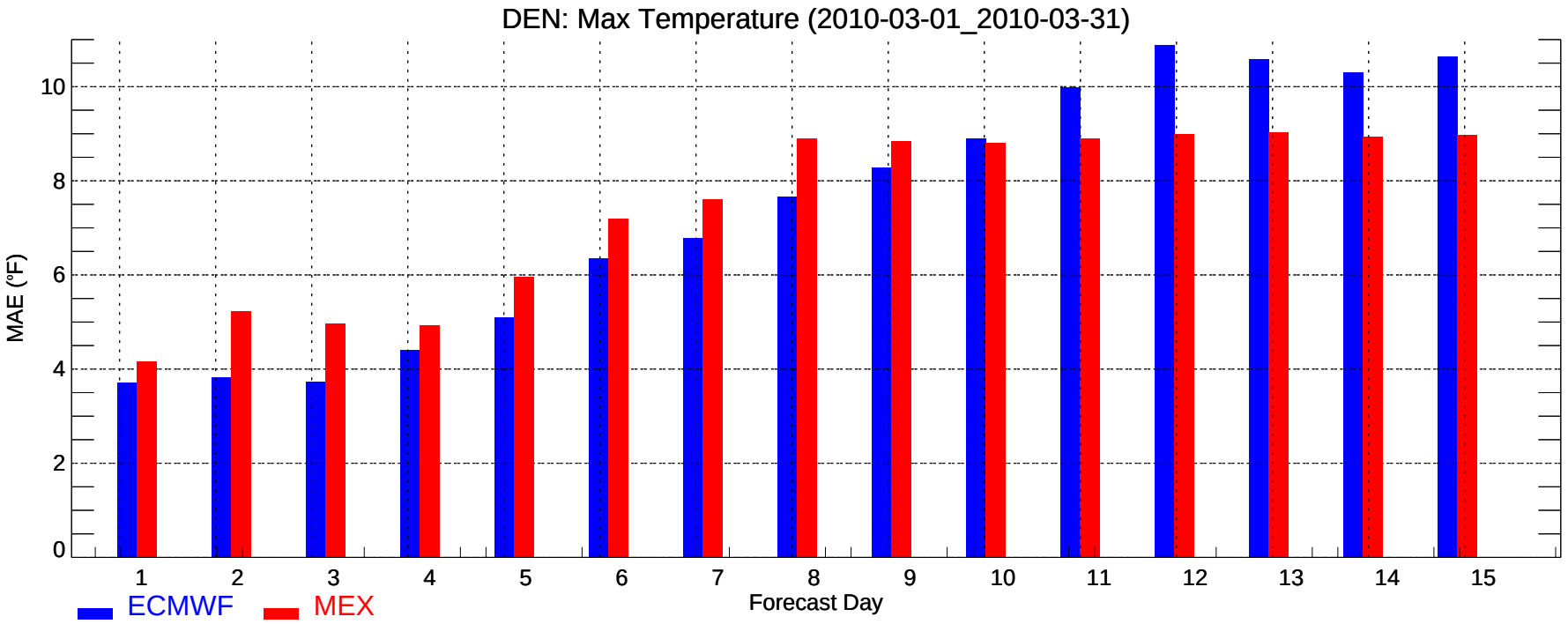
Forecast Day
ECMWF
MEX


DEC: Max Temperature (2010-03-01_2010-03-31)
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


DEC: Max Temperature (2010-03-01_2010-03-31)
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: Min Temperature (2010-03-01_2010-03-31)
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


DEC: Min Temperature (2010-03-01_2010-03-31)
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


DEN: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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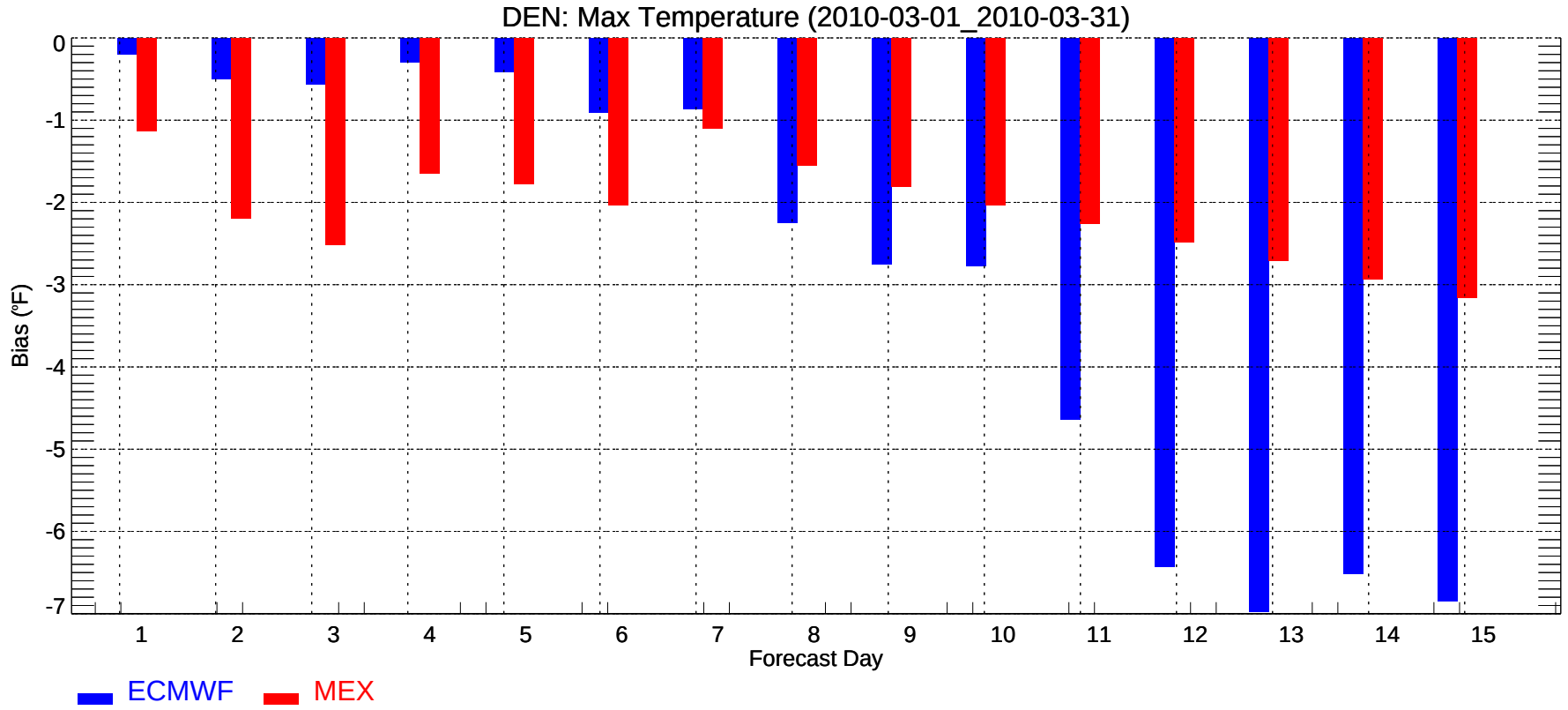
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DEN: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-1
-2
-3
-4
-5
-6
-7
1
2
3
4
5
6
7
8
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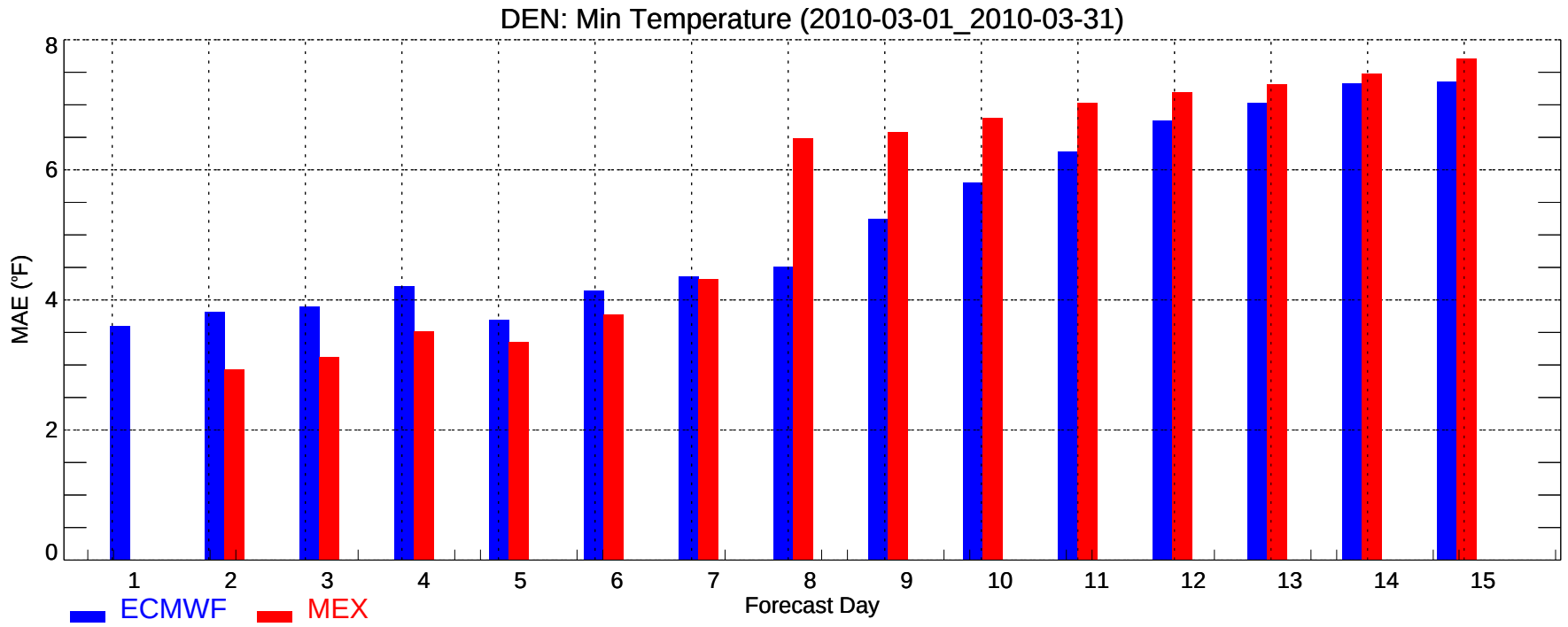
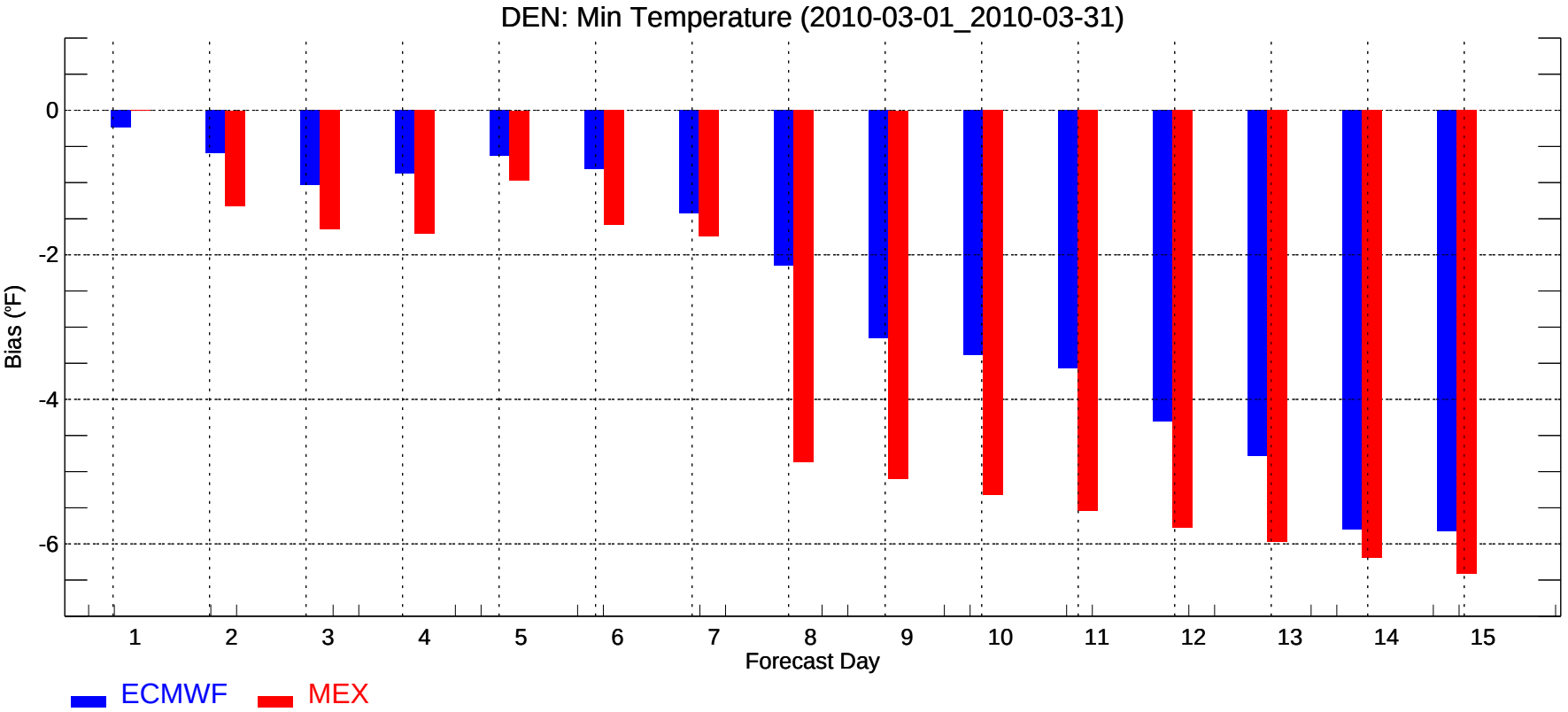
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DEN: Min Temperature (2010-03-01_2010-03-31)
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 (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
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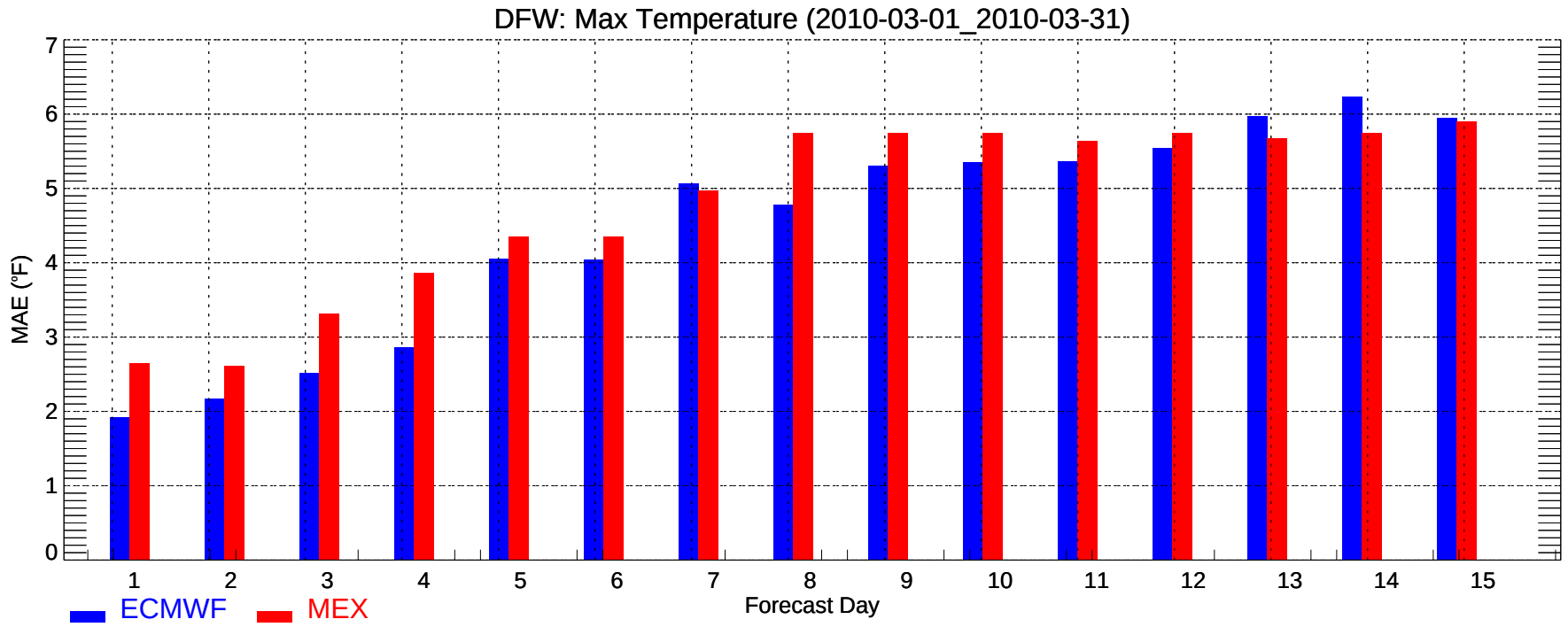
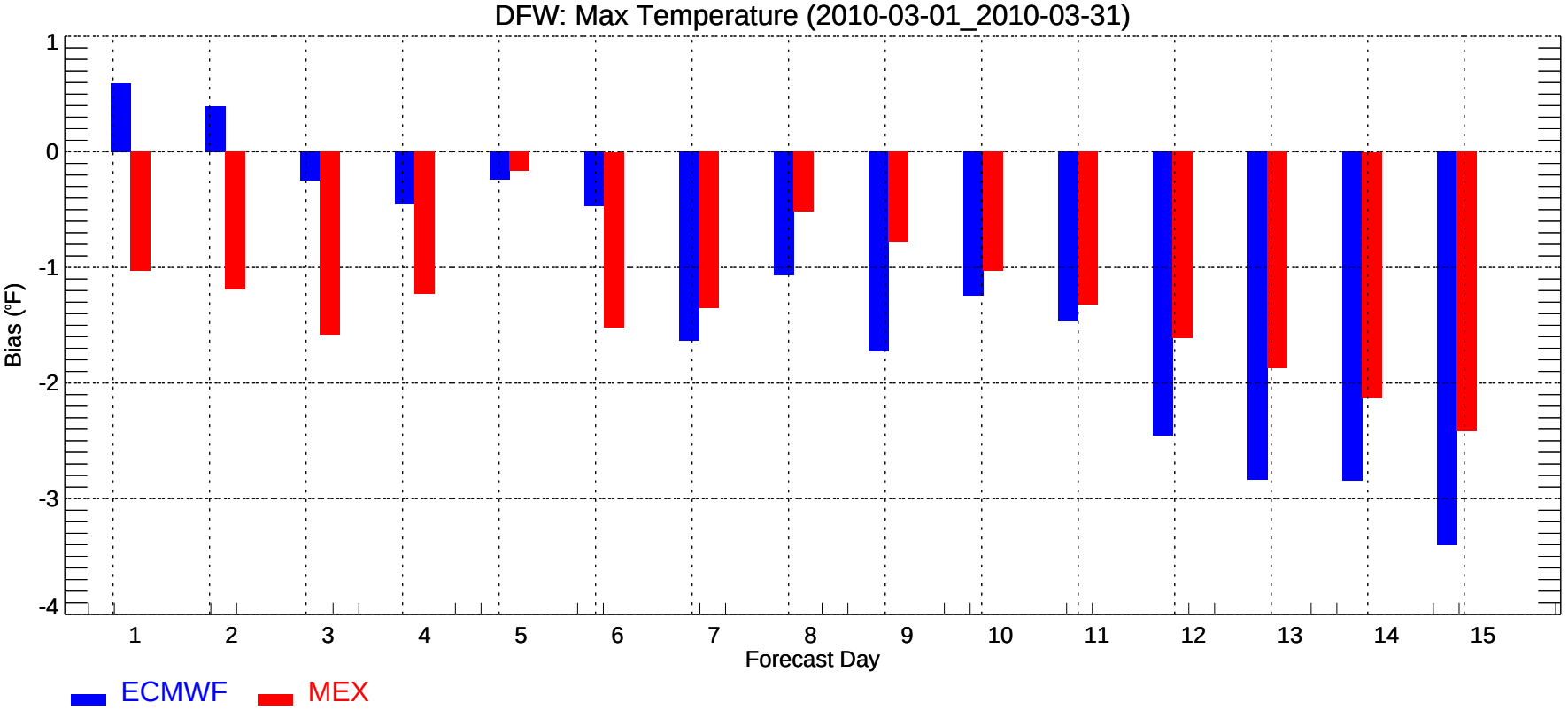
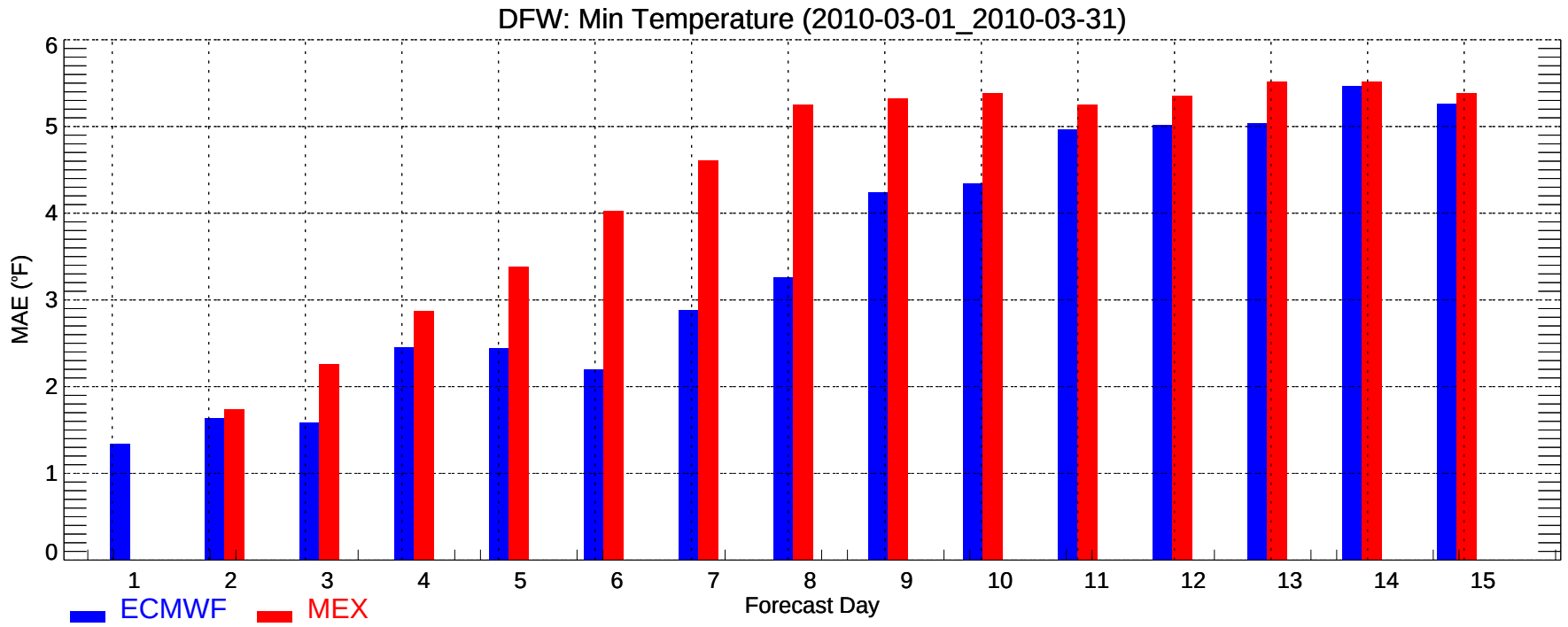
13
14
15
Forecast Day
ECMWF
MEX


DFW: Max Temperature (2010-03-01_2010-03-31)
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


DFW: Max Temperature (2010-03-01_2010-03-31)
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


DFW: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
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4
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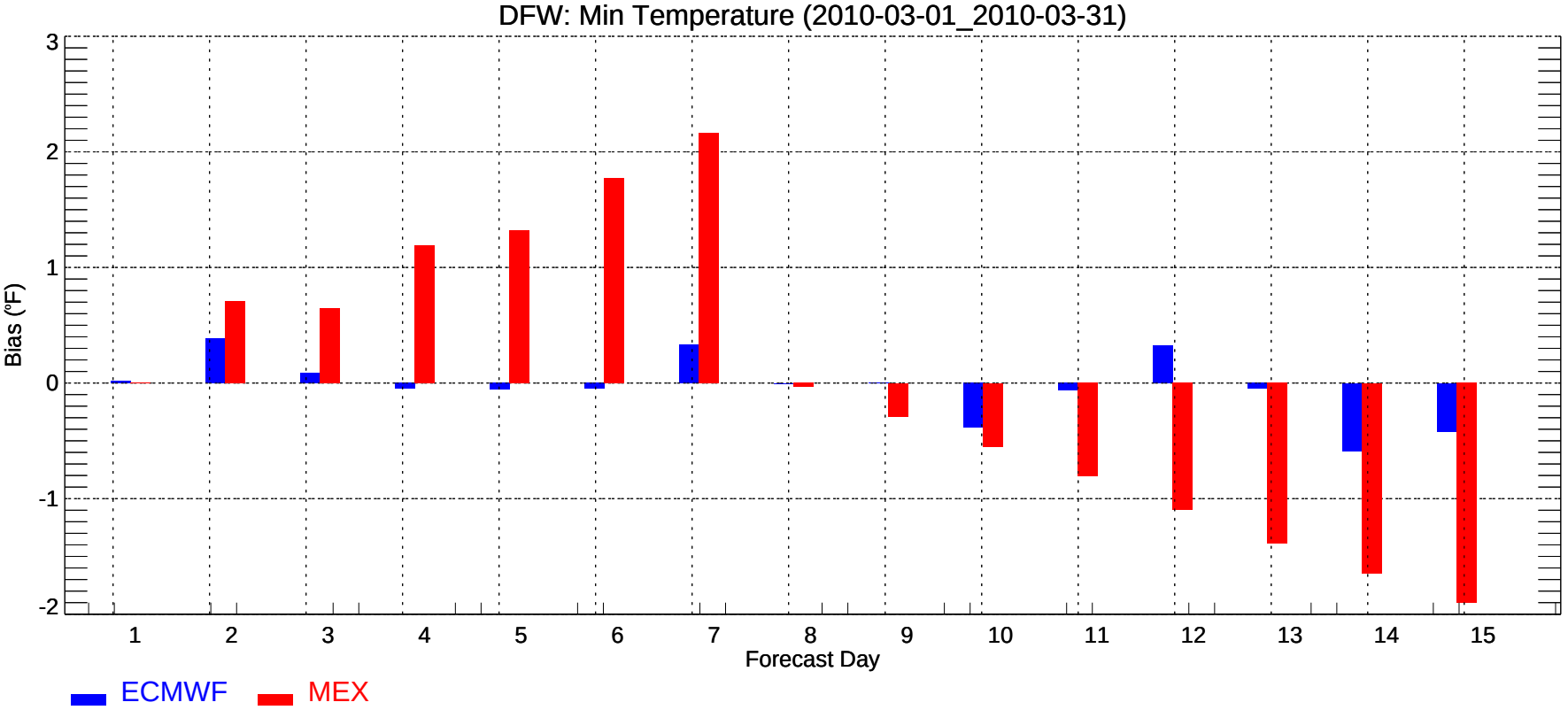
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DFW: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
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4
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6
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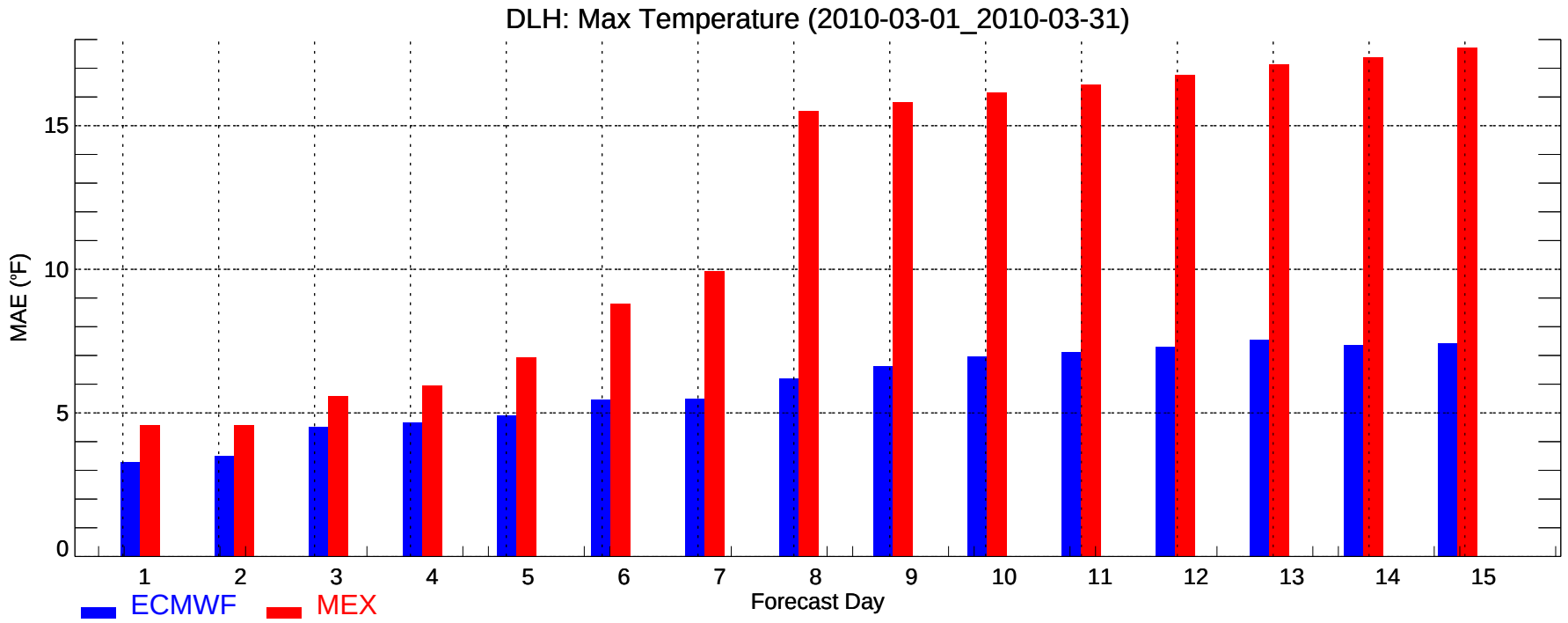
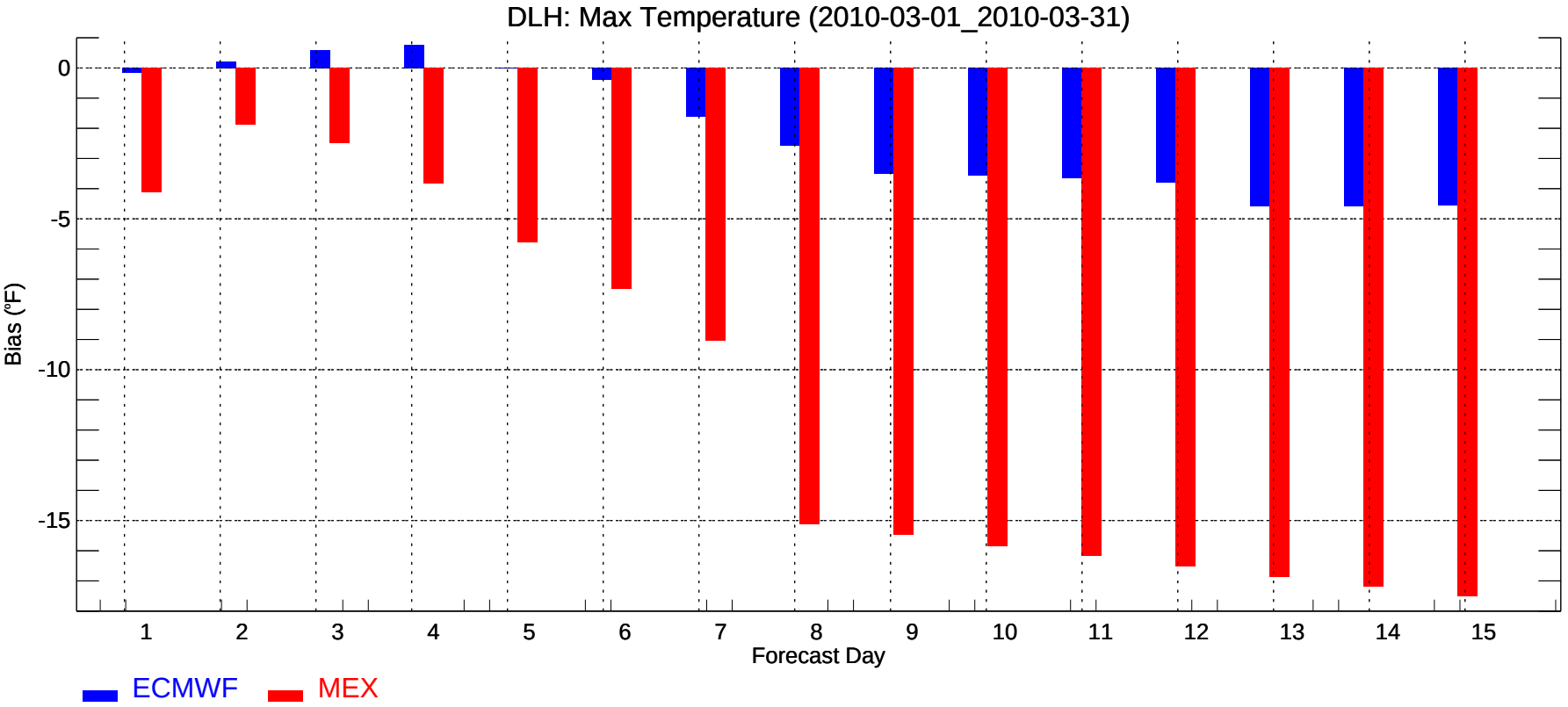
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DLH: Max Temperature (2010-03-01_2010-03-31)
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


DLH: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
3
4
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6
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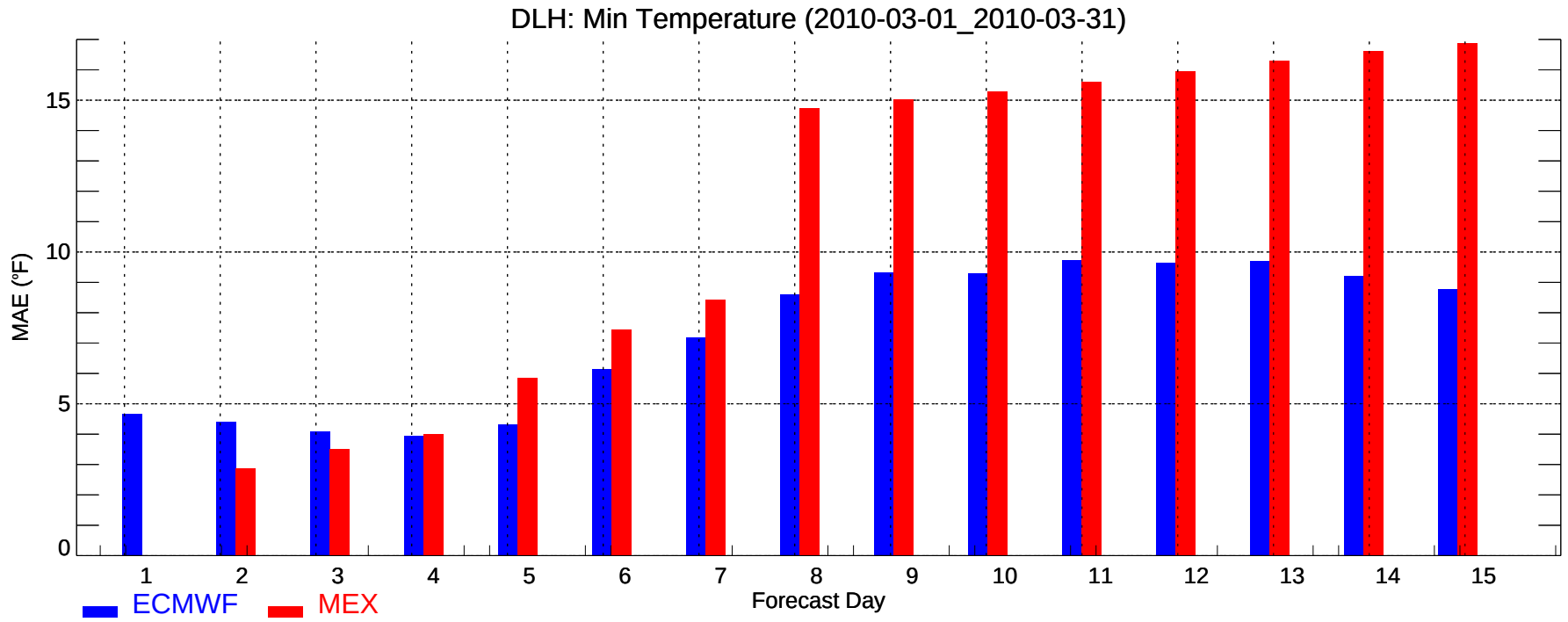
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DLH: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
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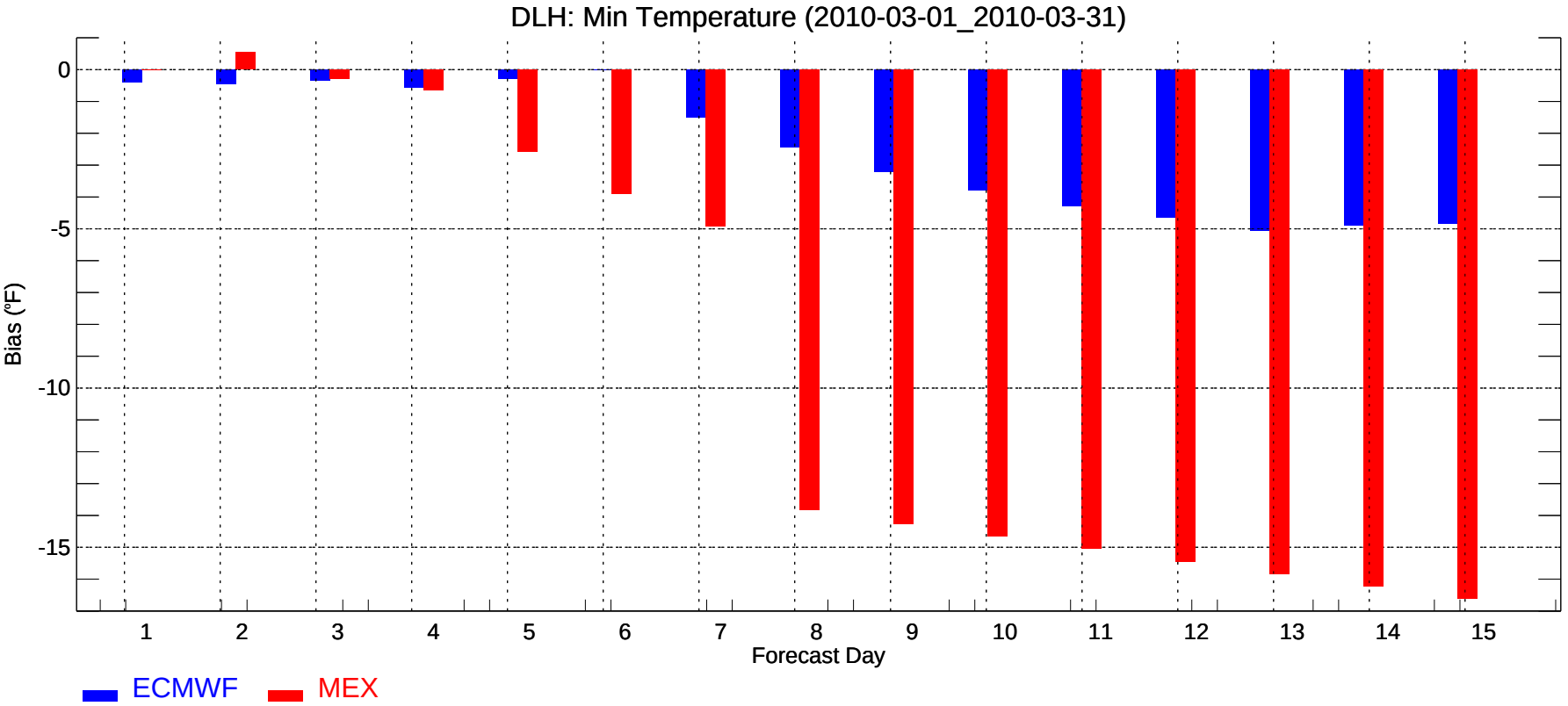
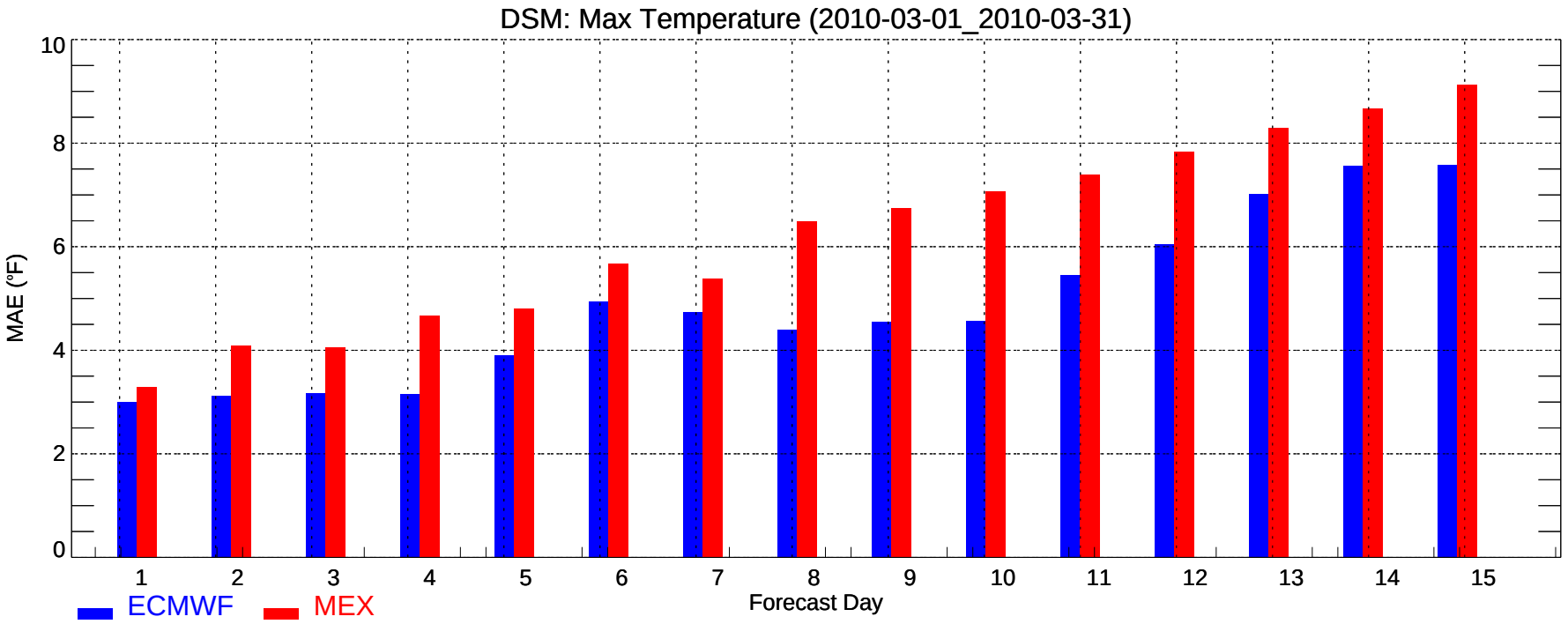
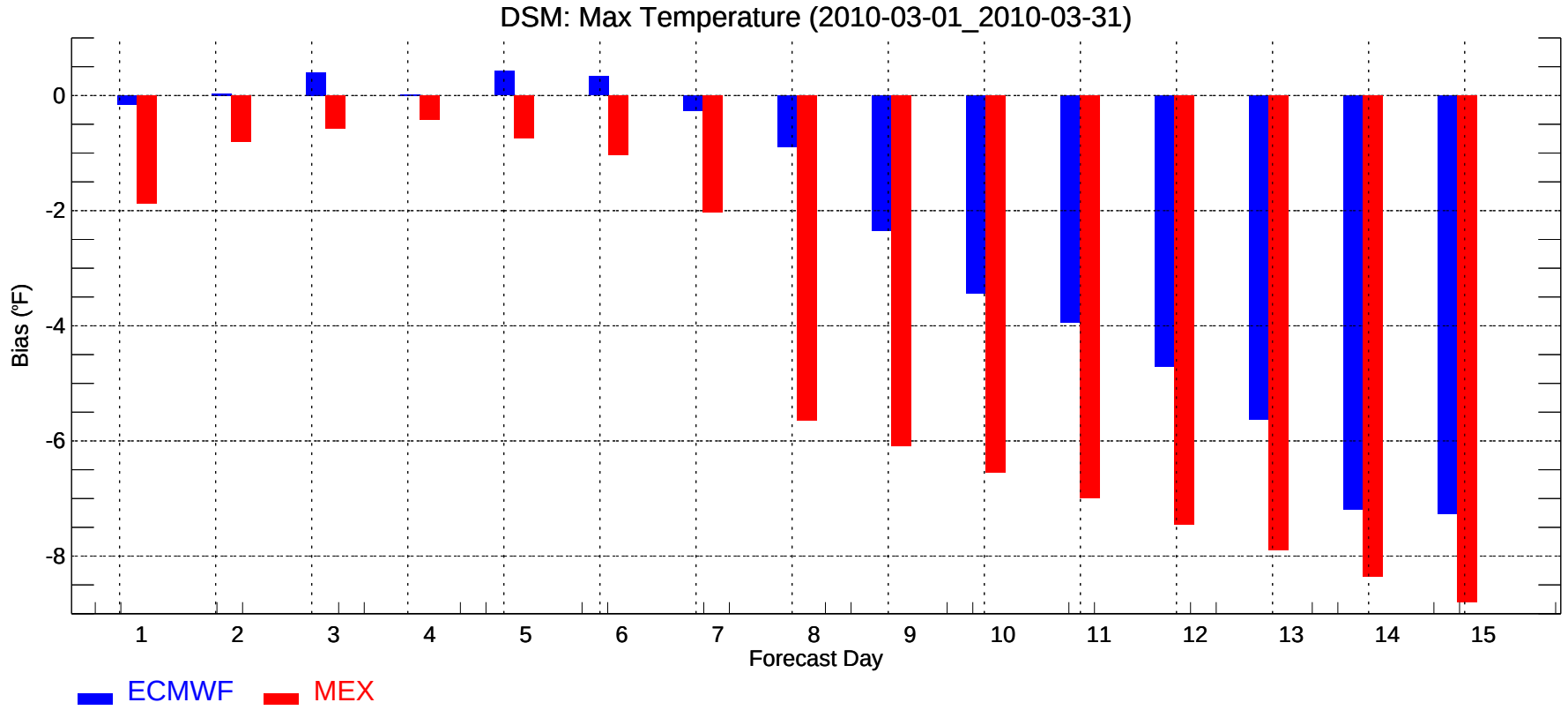
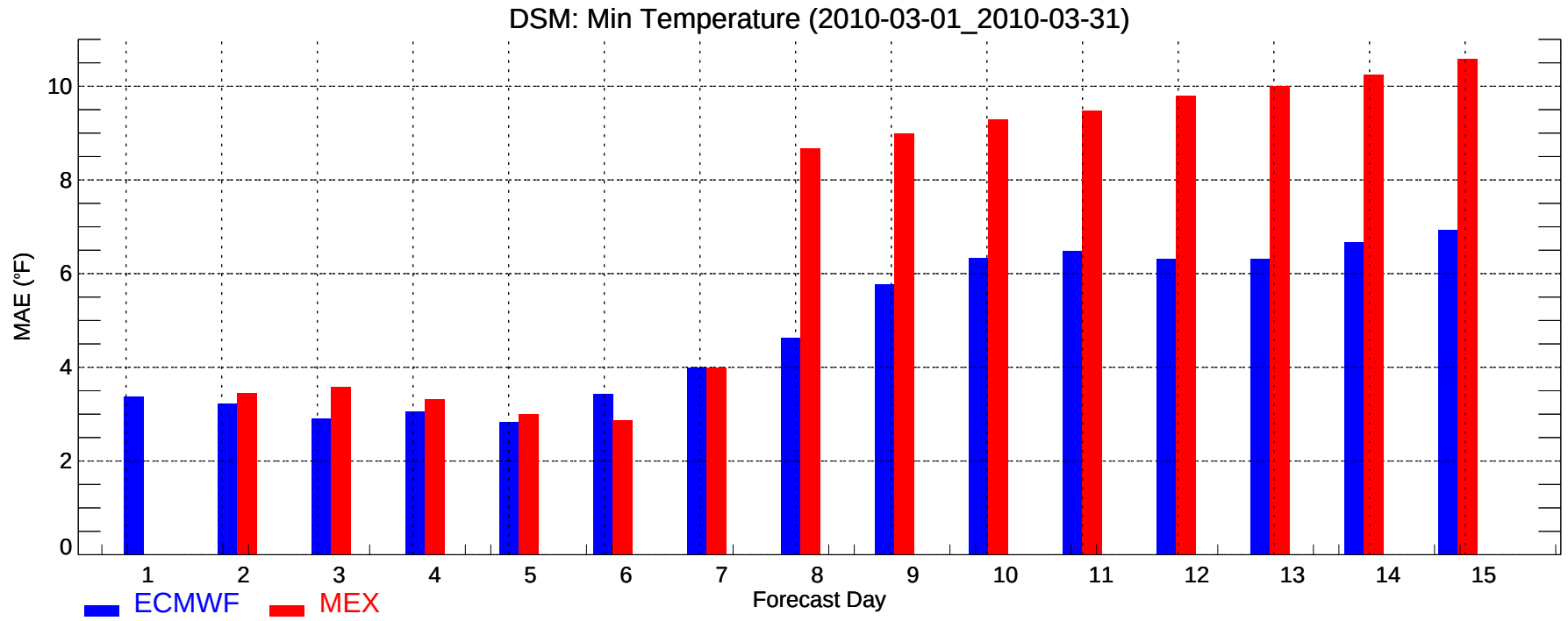
12
13
14
15
Forecast Day
ECMWF
MEX


DLH: Min Temperature (2010-03-01_2010-03-31)
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


DSM: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
10
8
6
4
2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DSM: Max Temperature (2010-03-01_2010-03-31)
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


DSM: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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10
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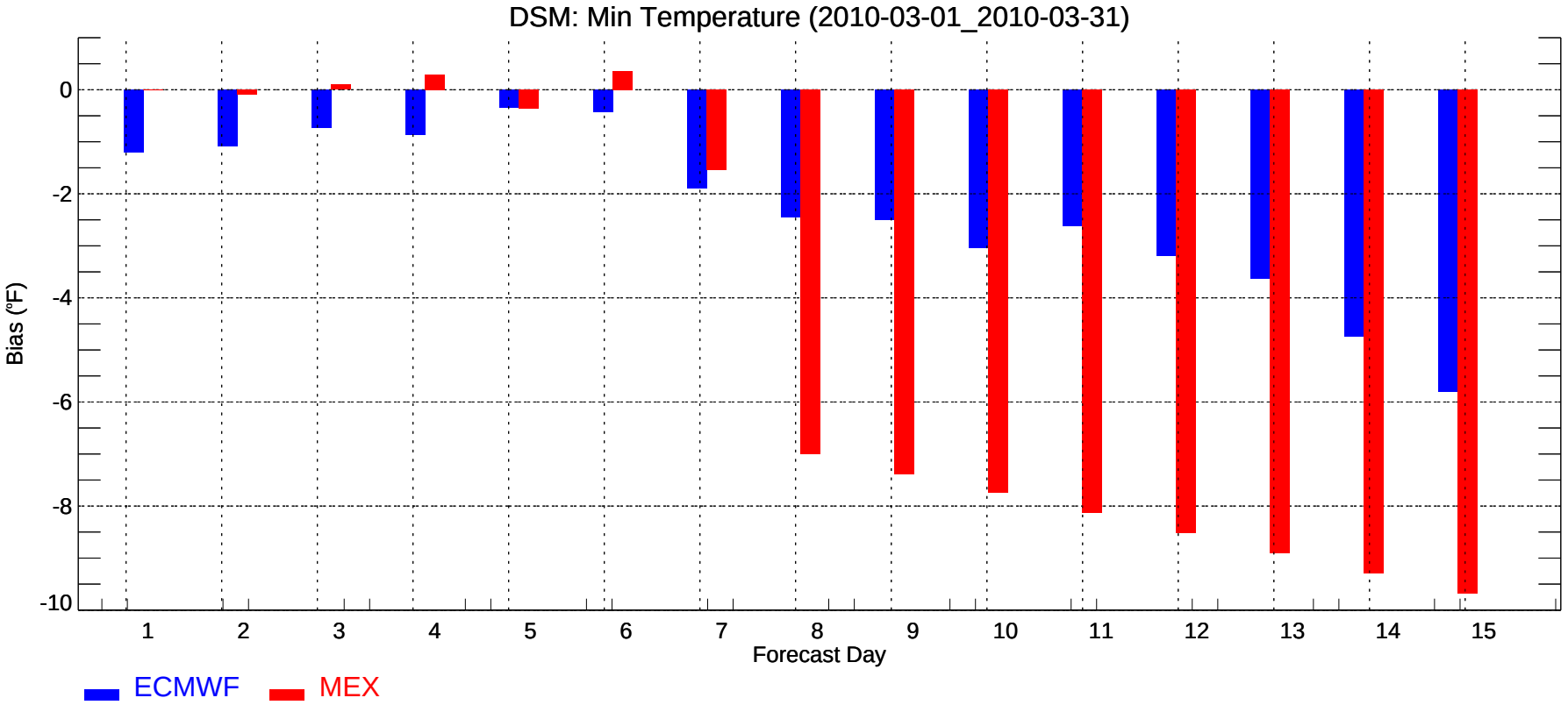
12
13
14
15
Forecast Day
ECMWF
MEX


DSM: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
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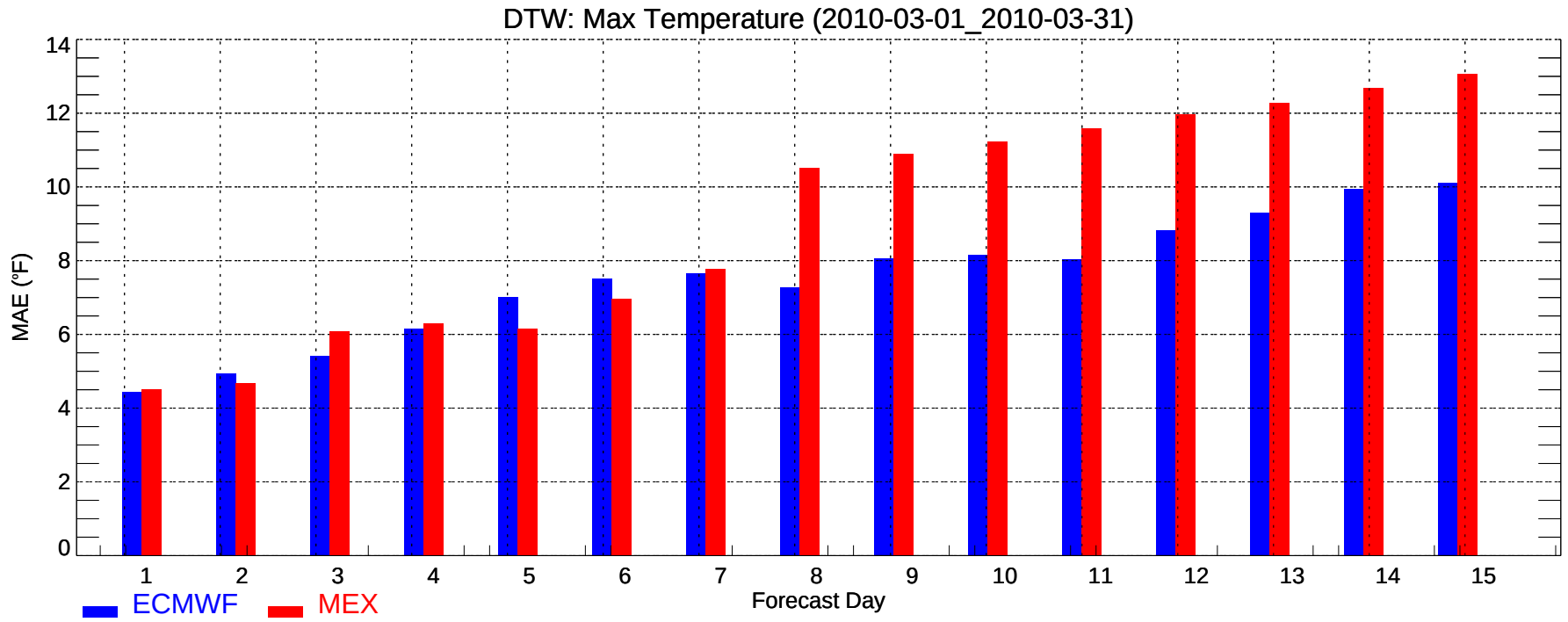
Forecast Day
ECMWF
MEX


DTW: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
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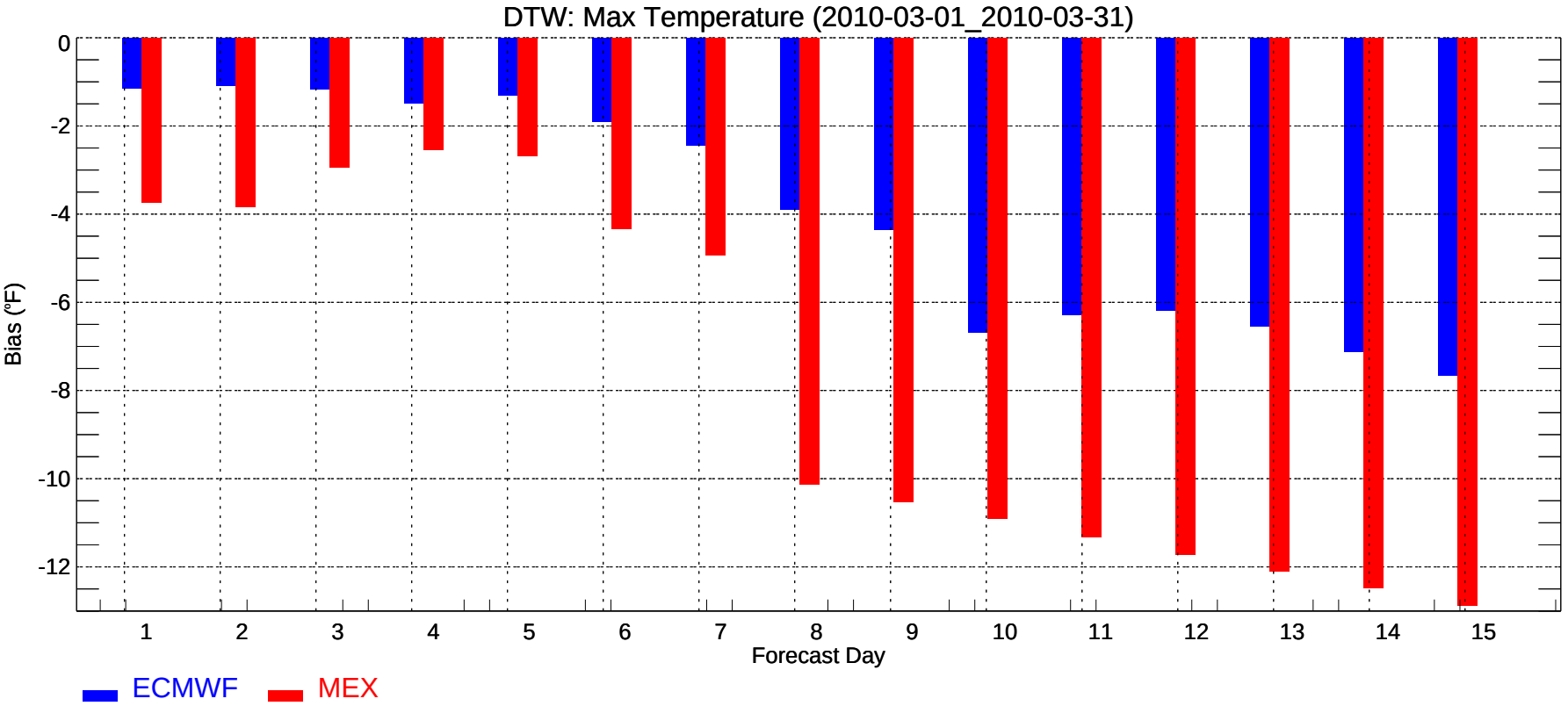
11
12
13
14
15
Forecast Day
ECMWF
MEX


DTW: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
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5
6
7
8
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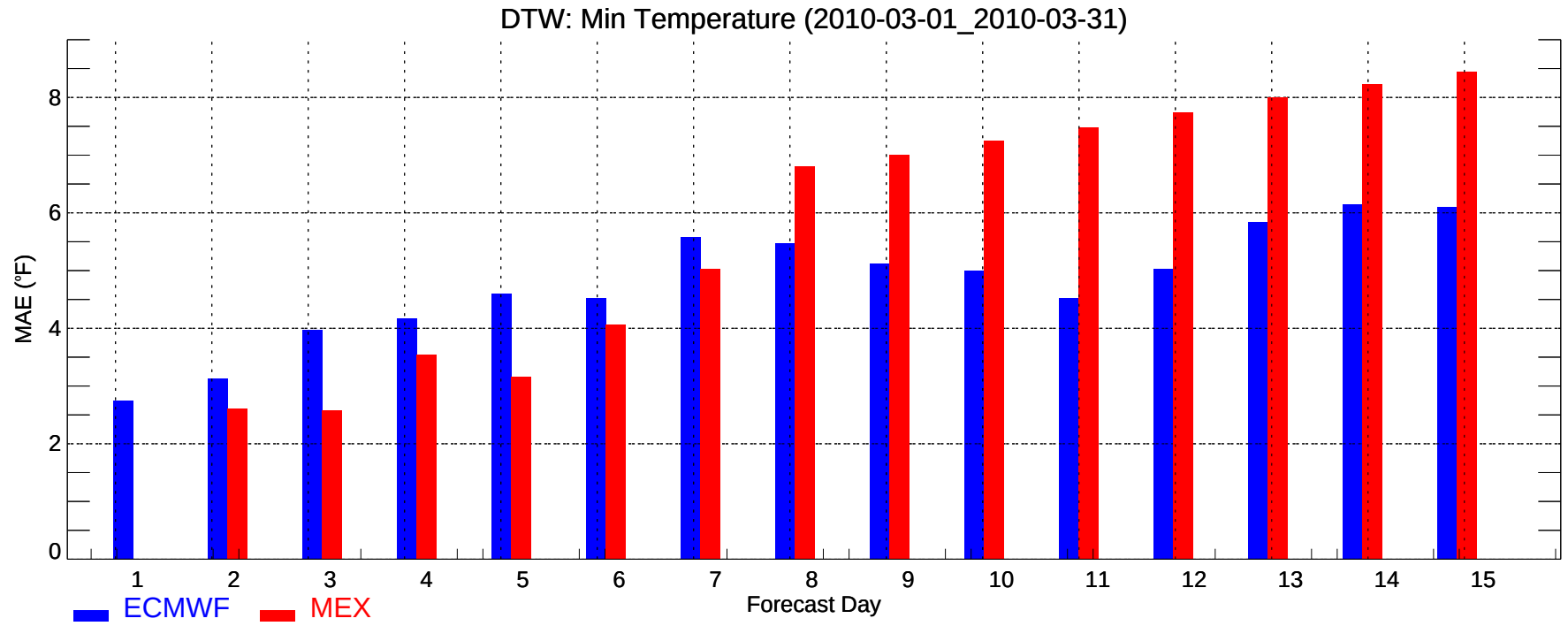
11
12
13
14
15
Forecast Day
ECMWF
MEX


DTW: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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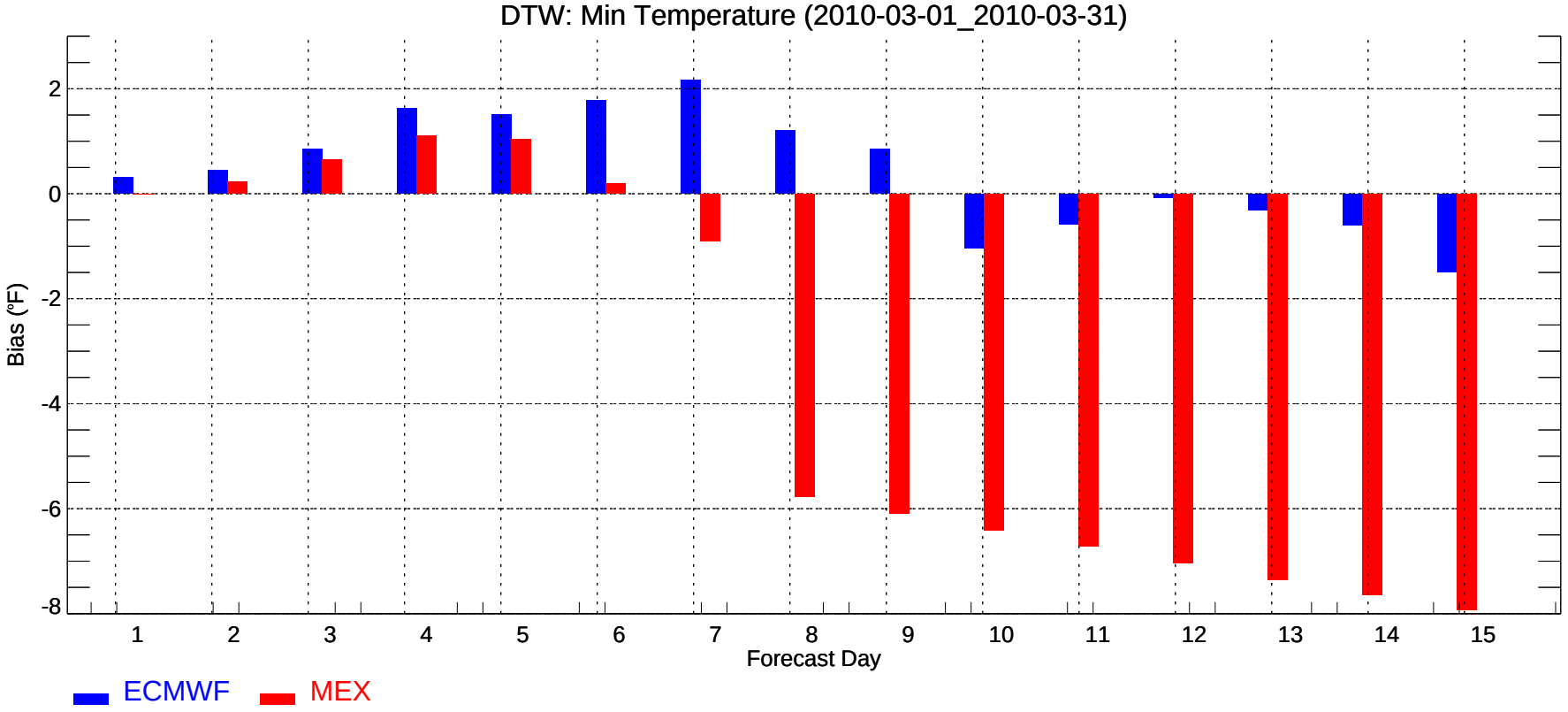
13
14
15
Forecast Day
ECMWF
MEX


DTW: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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6
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13
14
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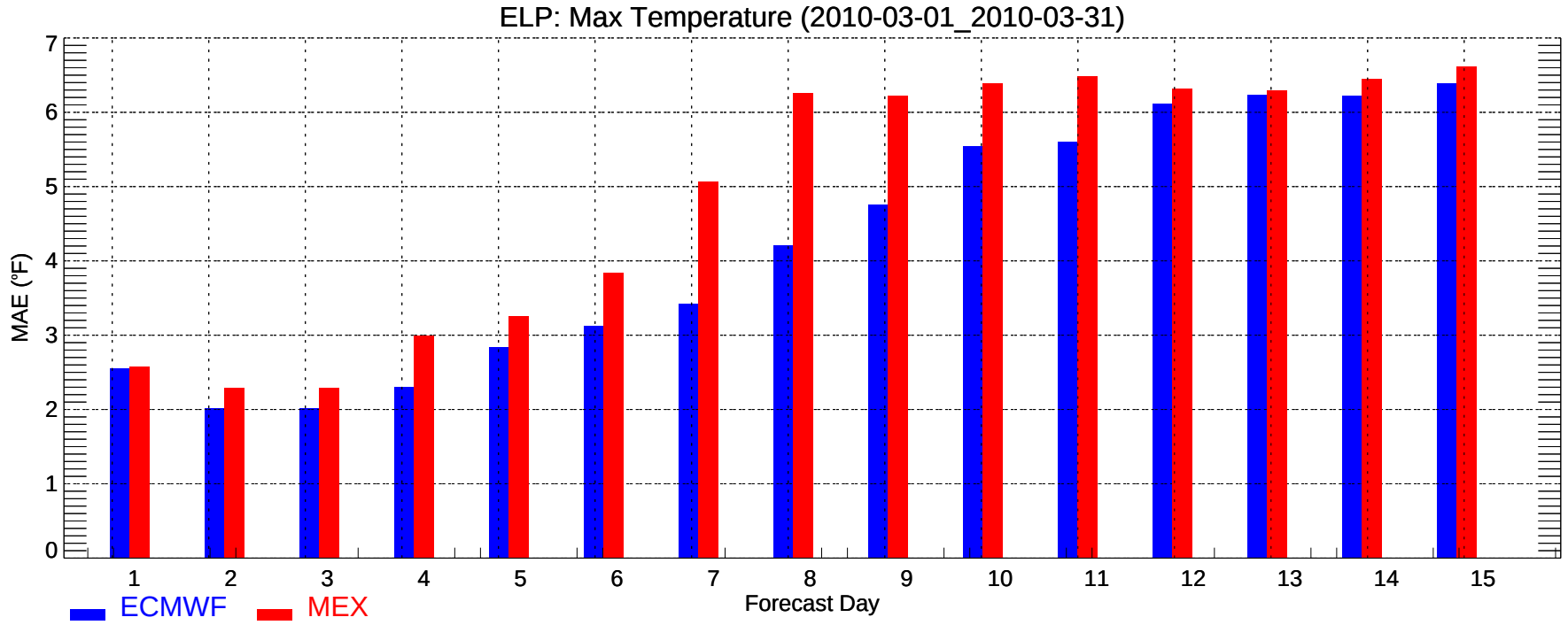
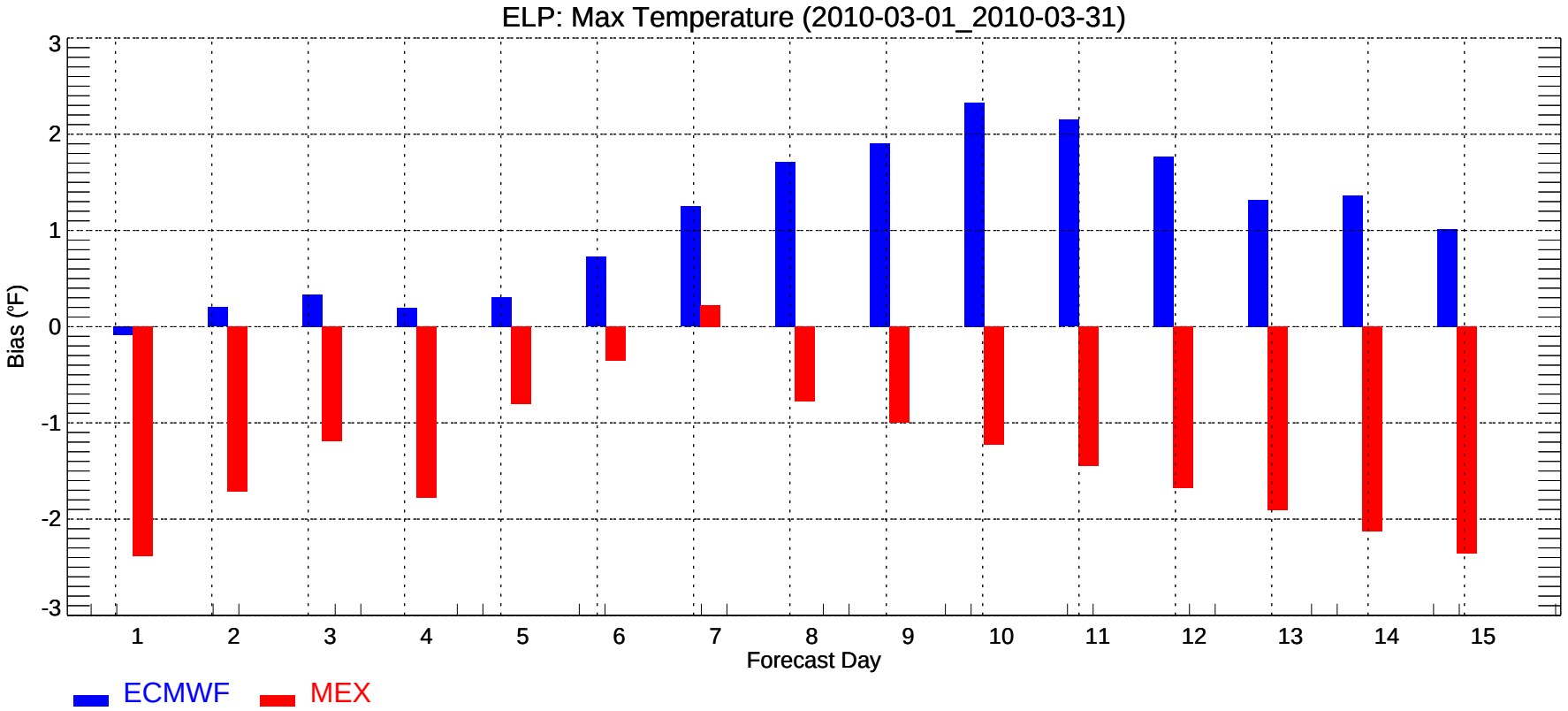
Forecast Day
ECMWF
MEX


ELP: Max Temperature (2010-03-01_2010-03-31)
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


ELP: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
3
1
2
3
4
5
6
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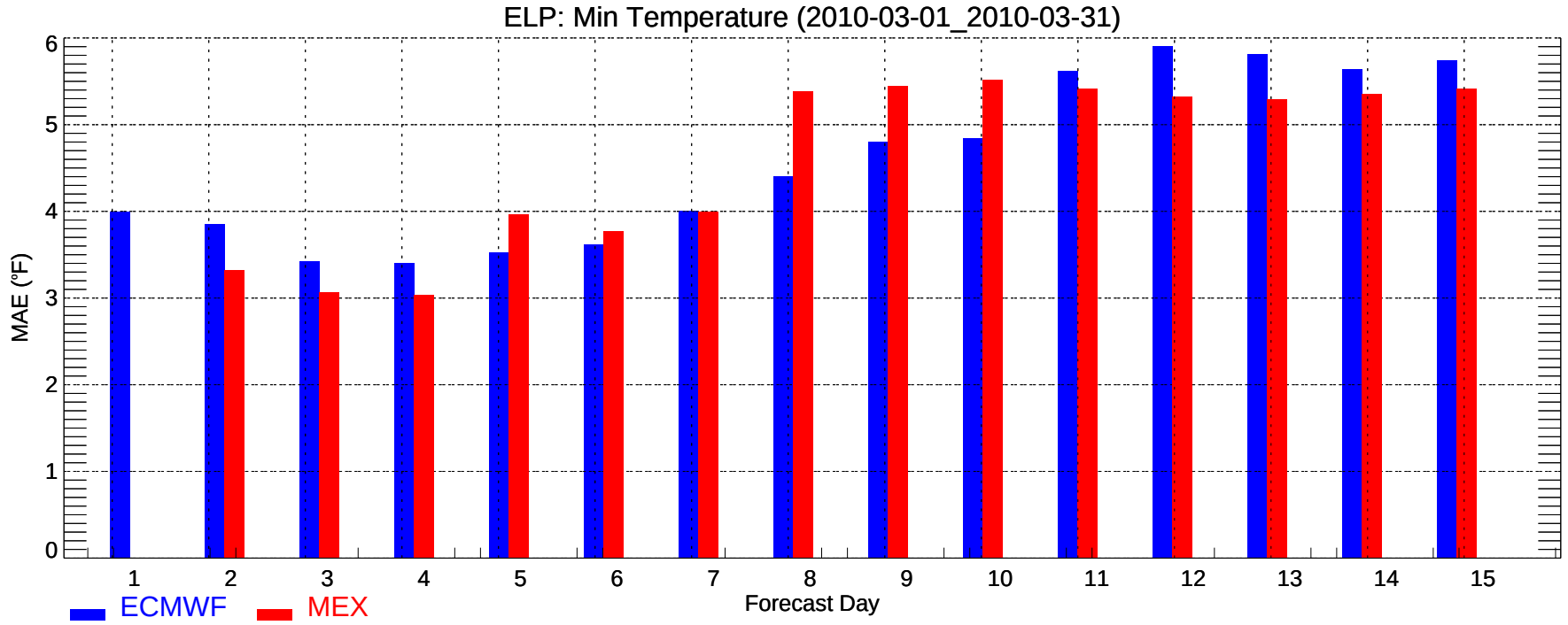
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ELP: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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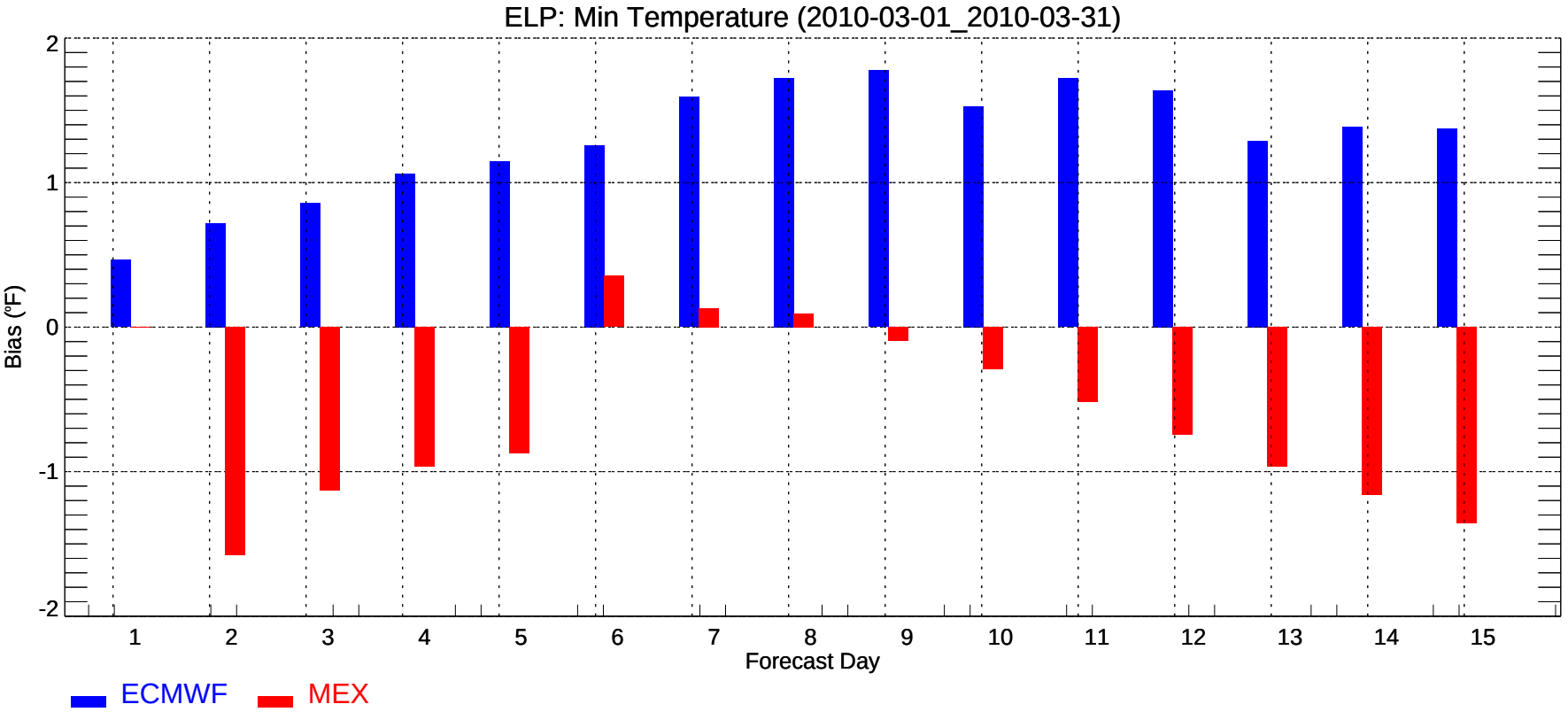
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ELP: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
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2
3
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5
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8
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13
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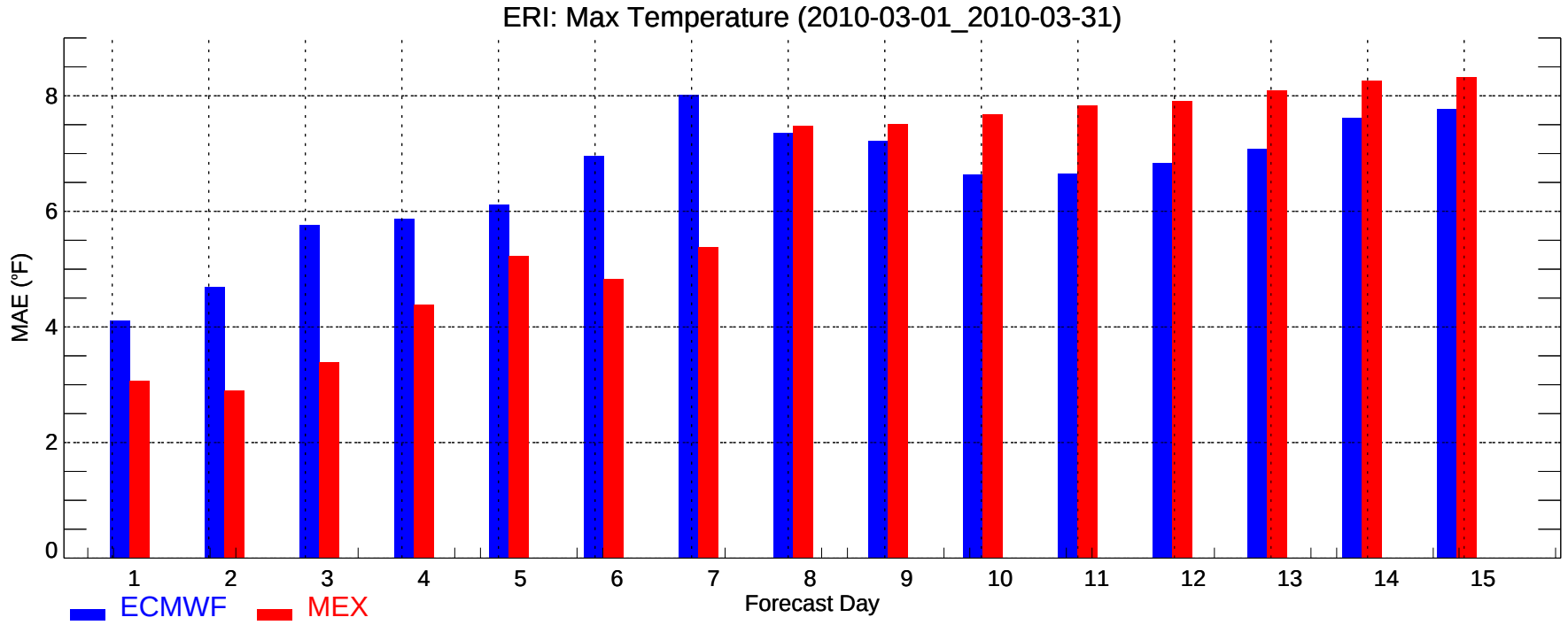
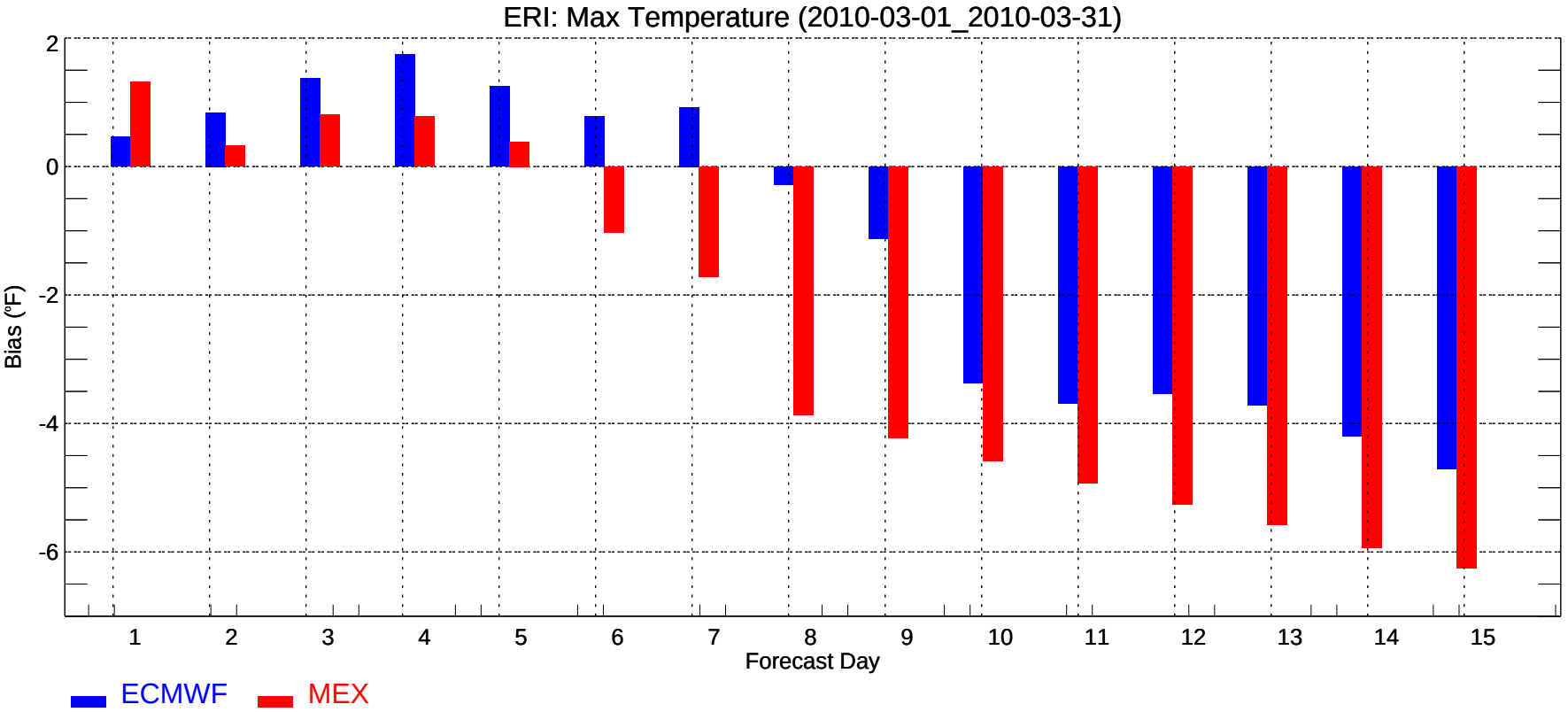
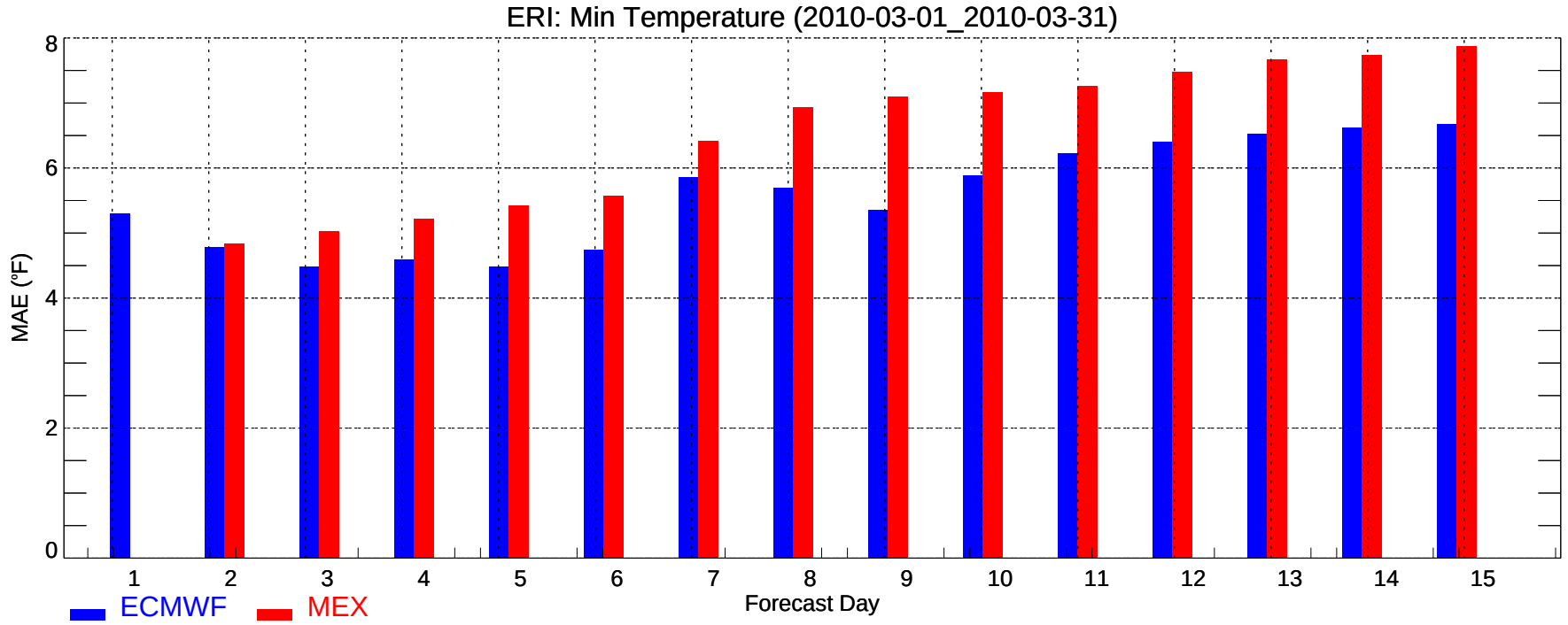
15
Forecast Day
ECMWF
MEX


ERI: Max Temperature (2010-03-01_2010-03-31)
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: Max Temperature (2010-03-01_2010-03-31)
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


ERI: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
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6
7
8
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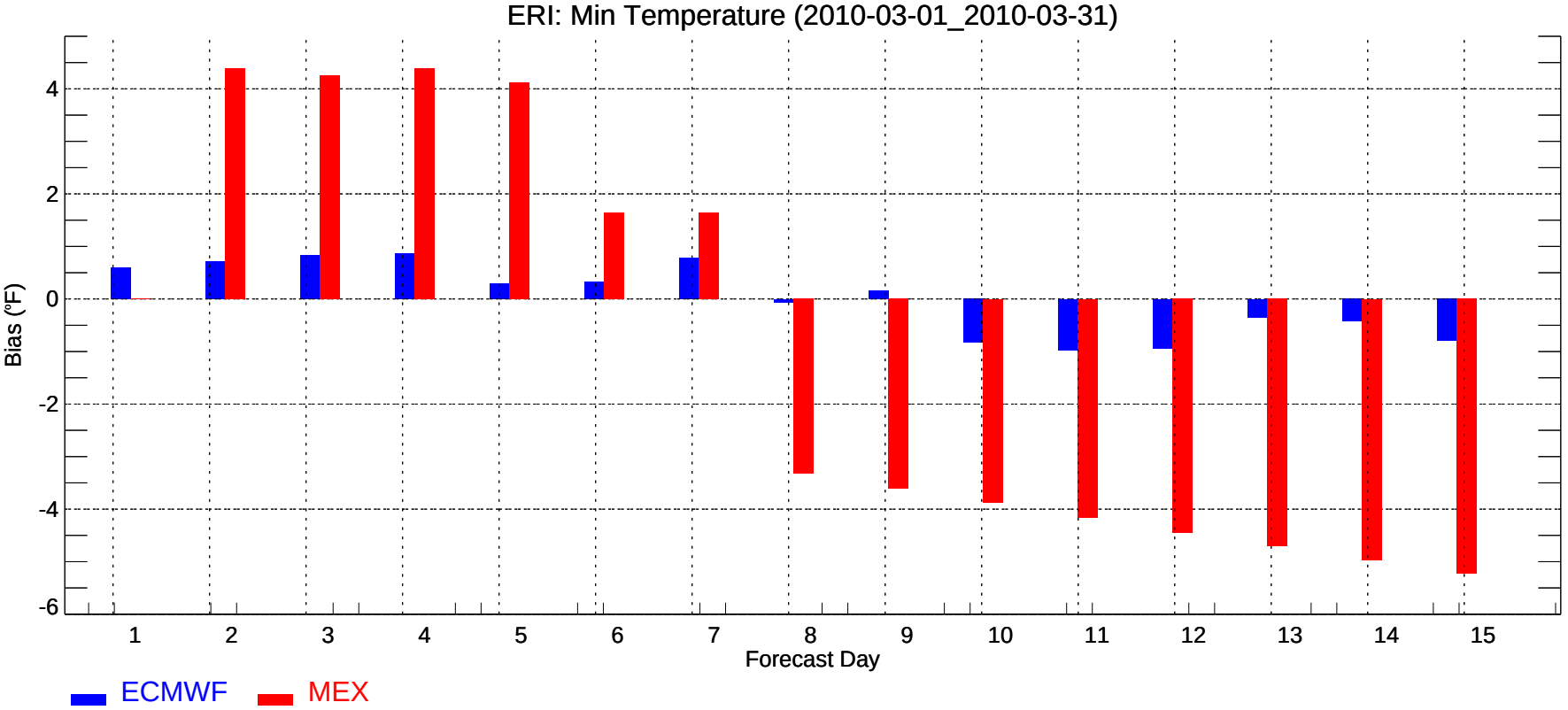
12
13
14
15
Forecast Day
ECMWF
MEX


ERI: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-6
-4
-2
0
2
4
1
2
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6
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8
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10
11
12
13
14
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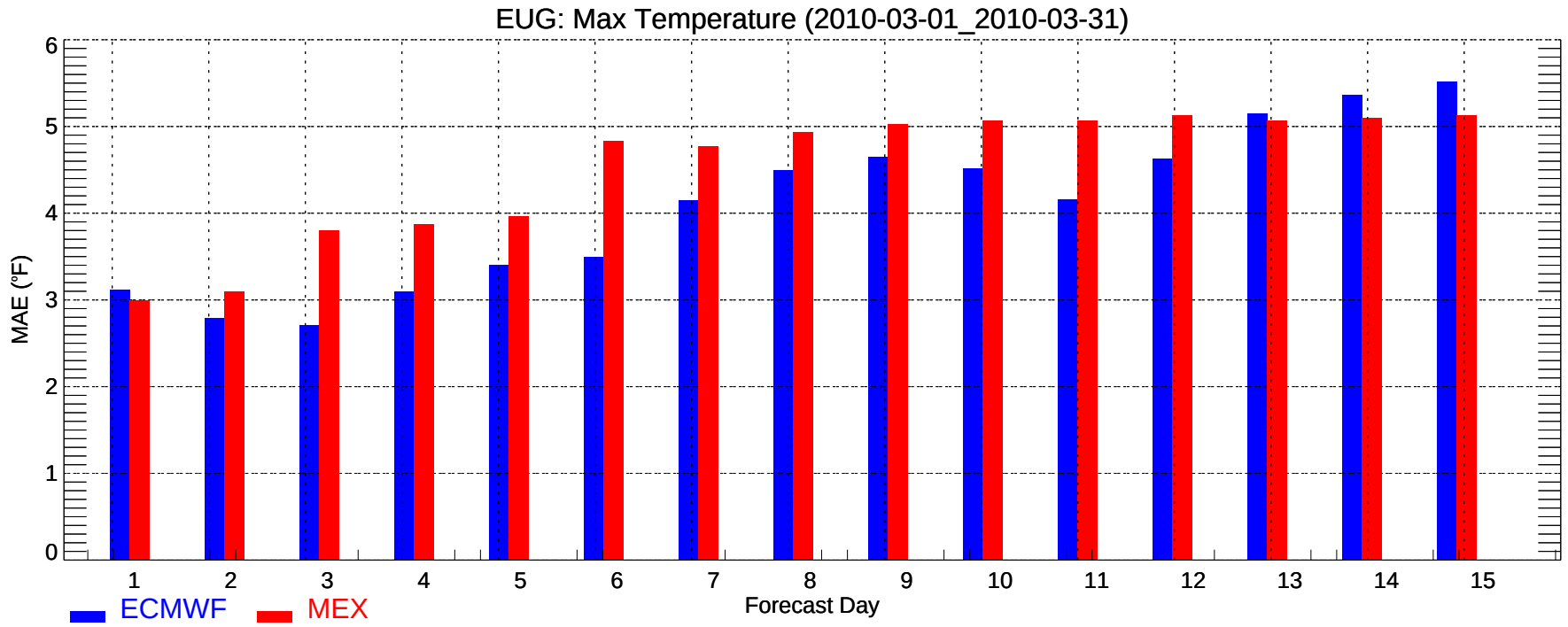
Forecast Day
ECMWF
MEX


EUG: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
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1
2
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6
7
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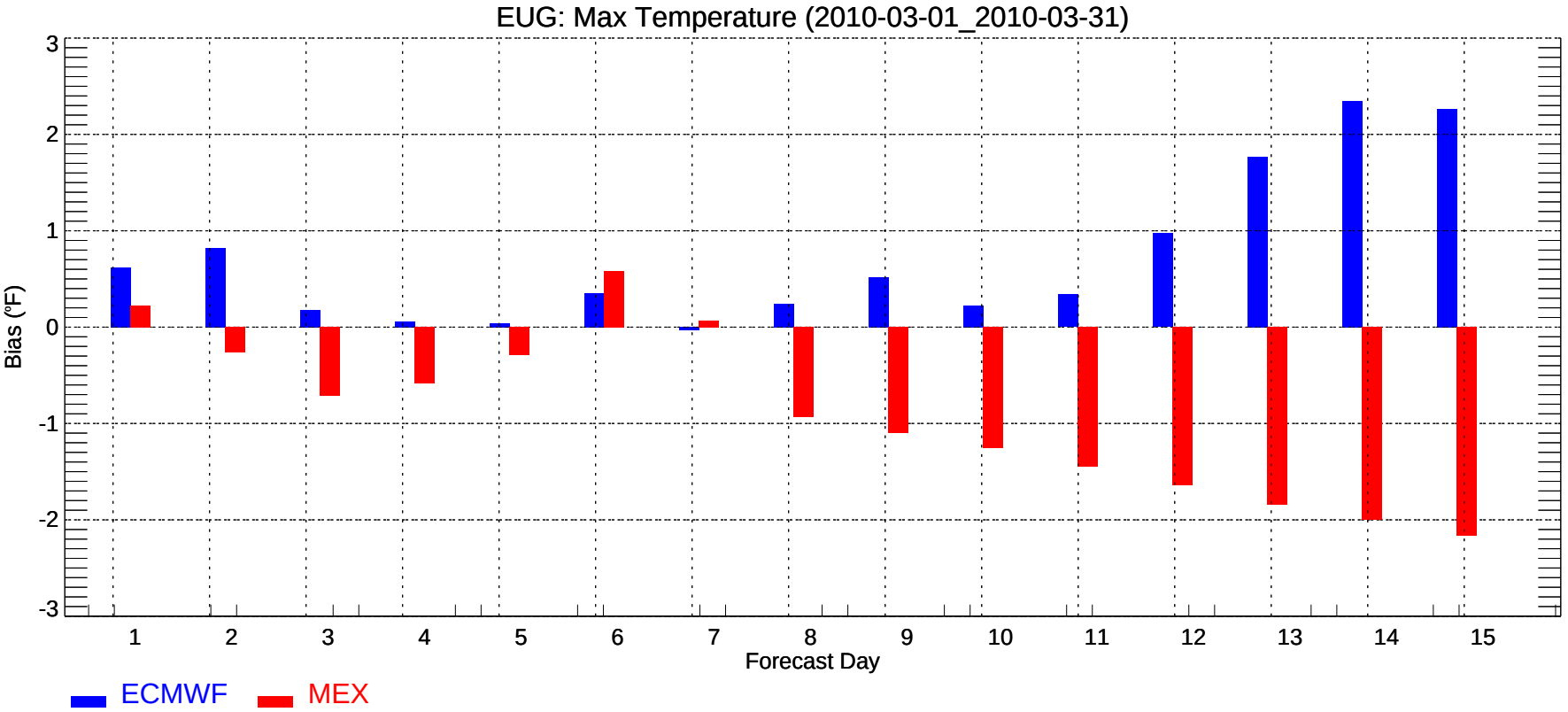
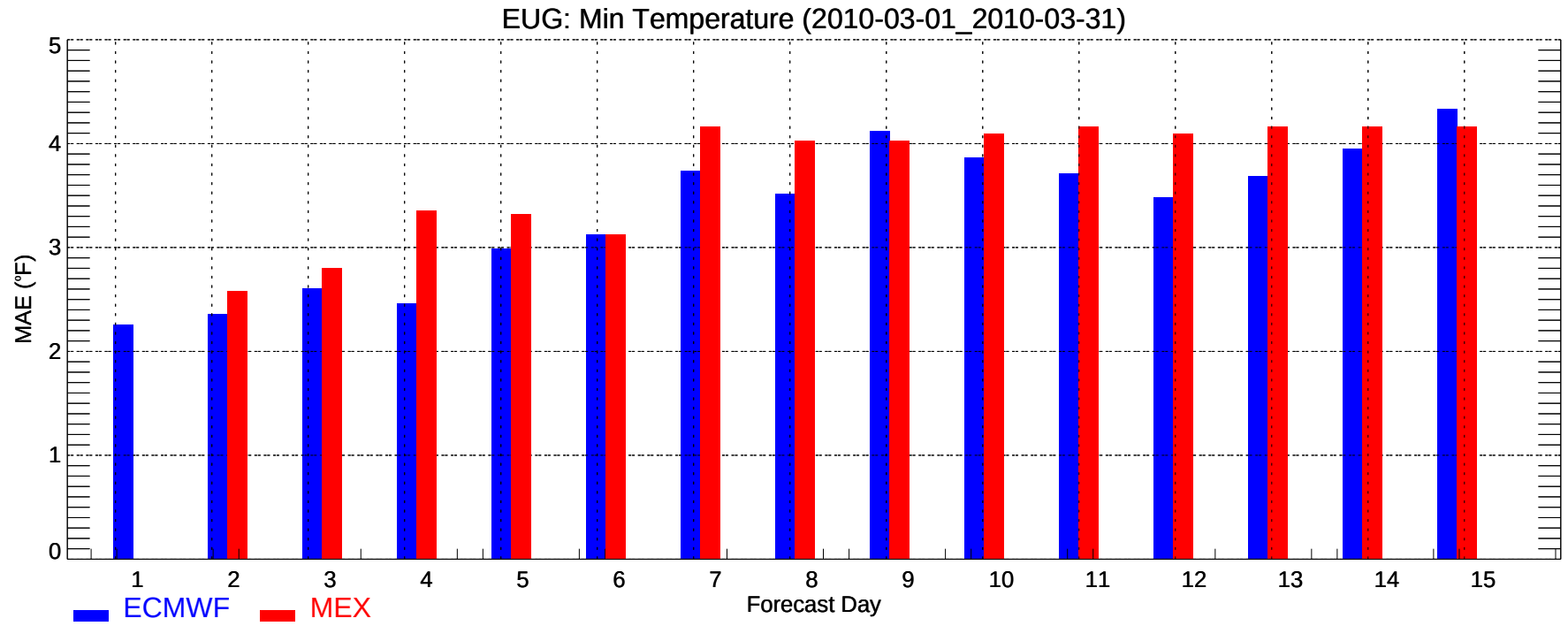
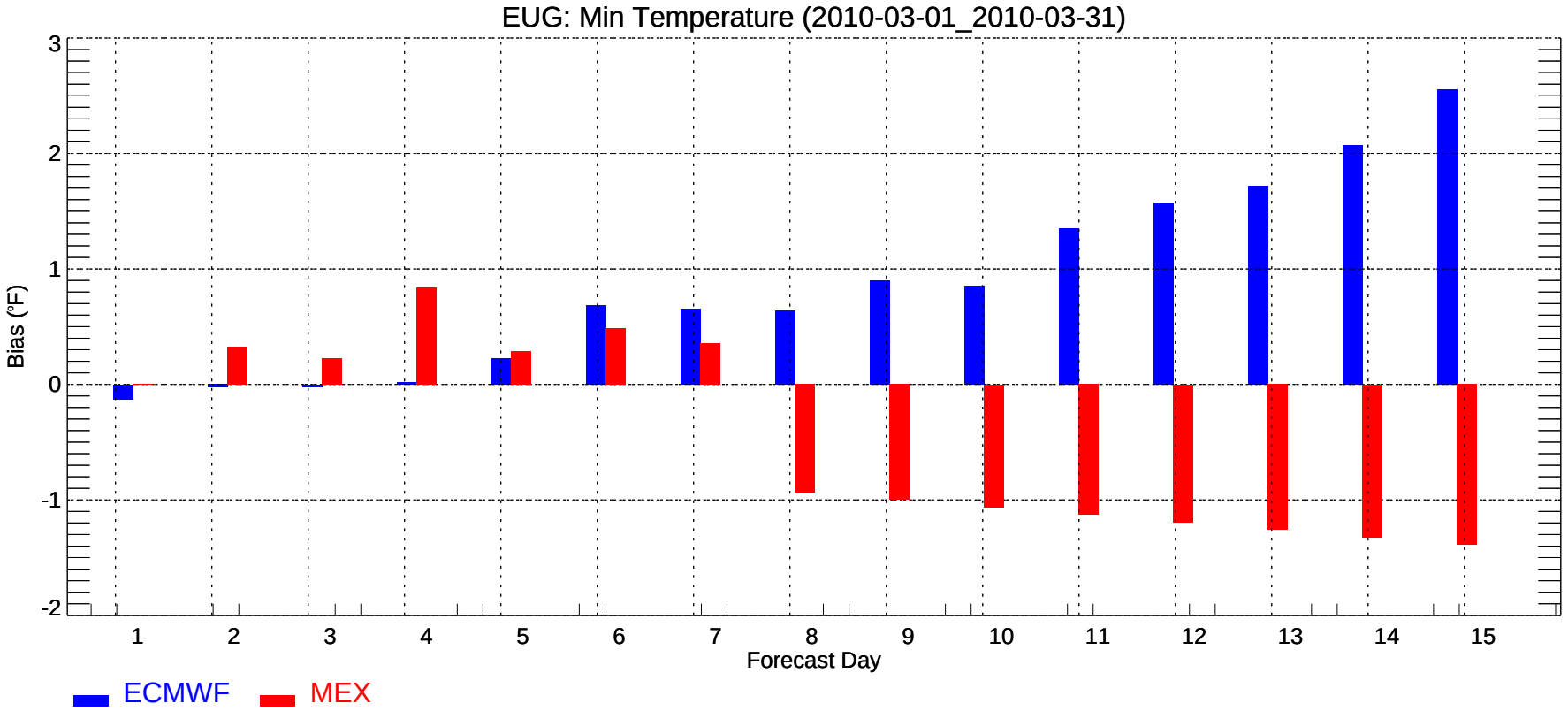
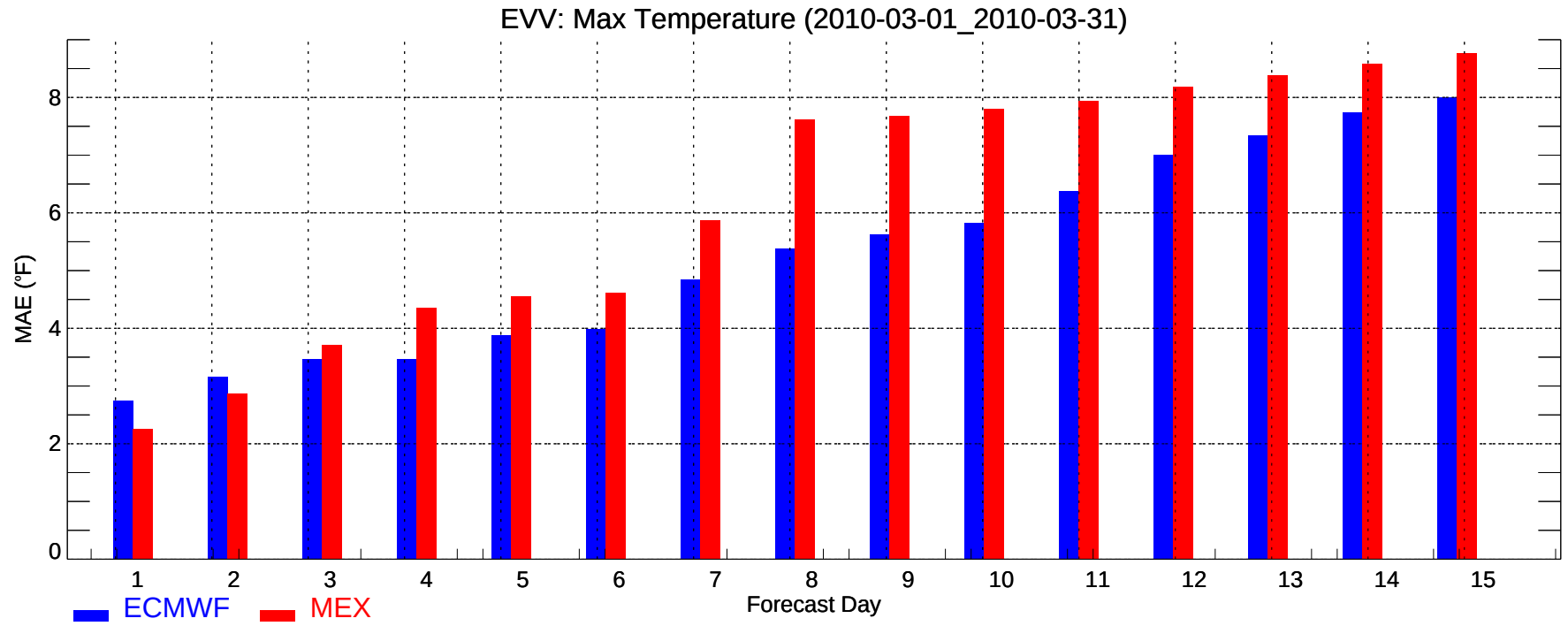
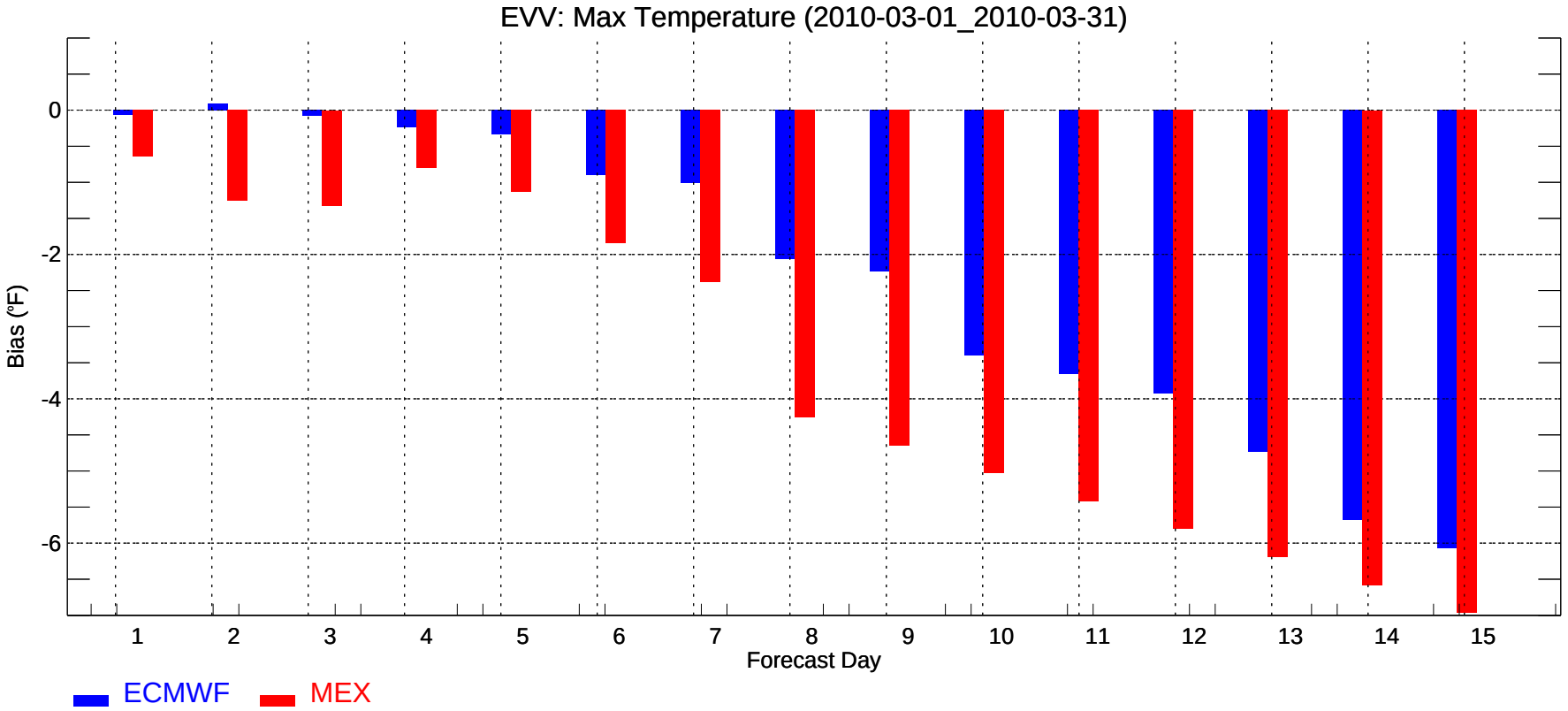
13
14
15
Forecast Day
ECMWF
MEX

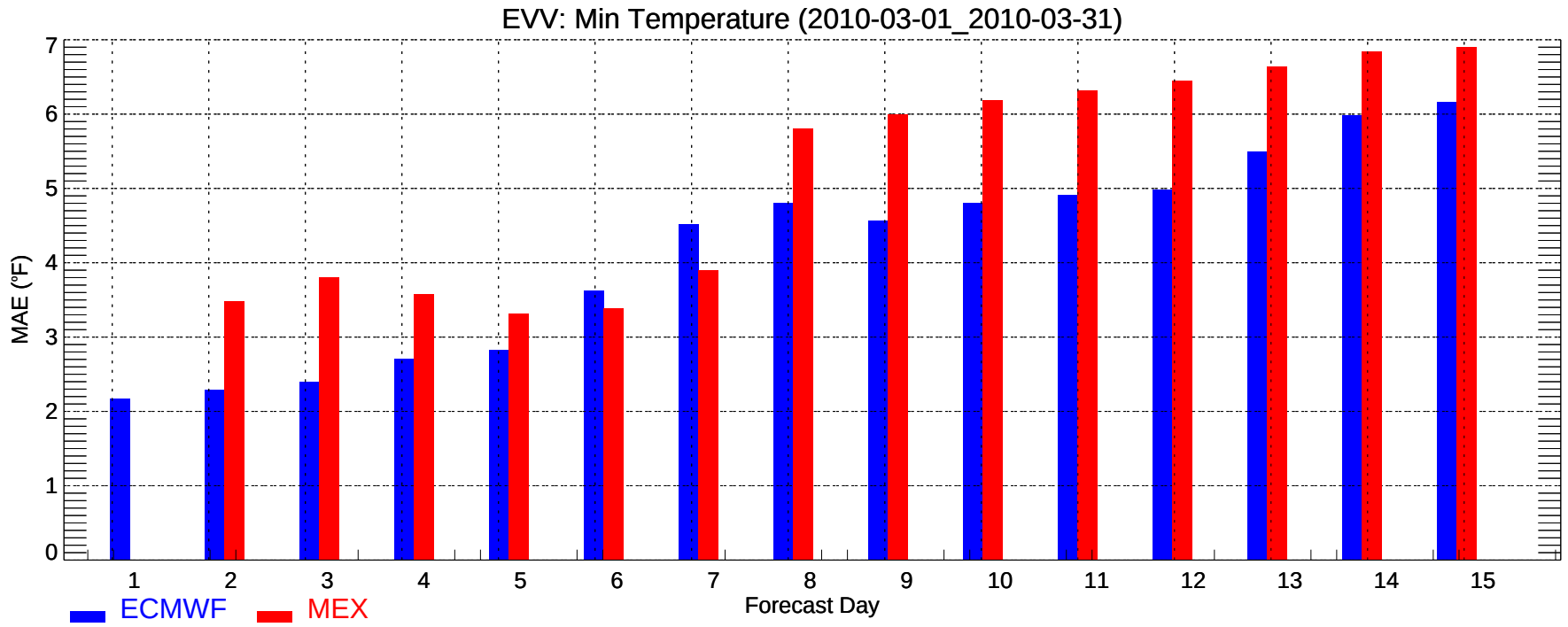

EUG: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

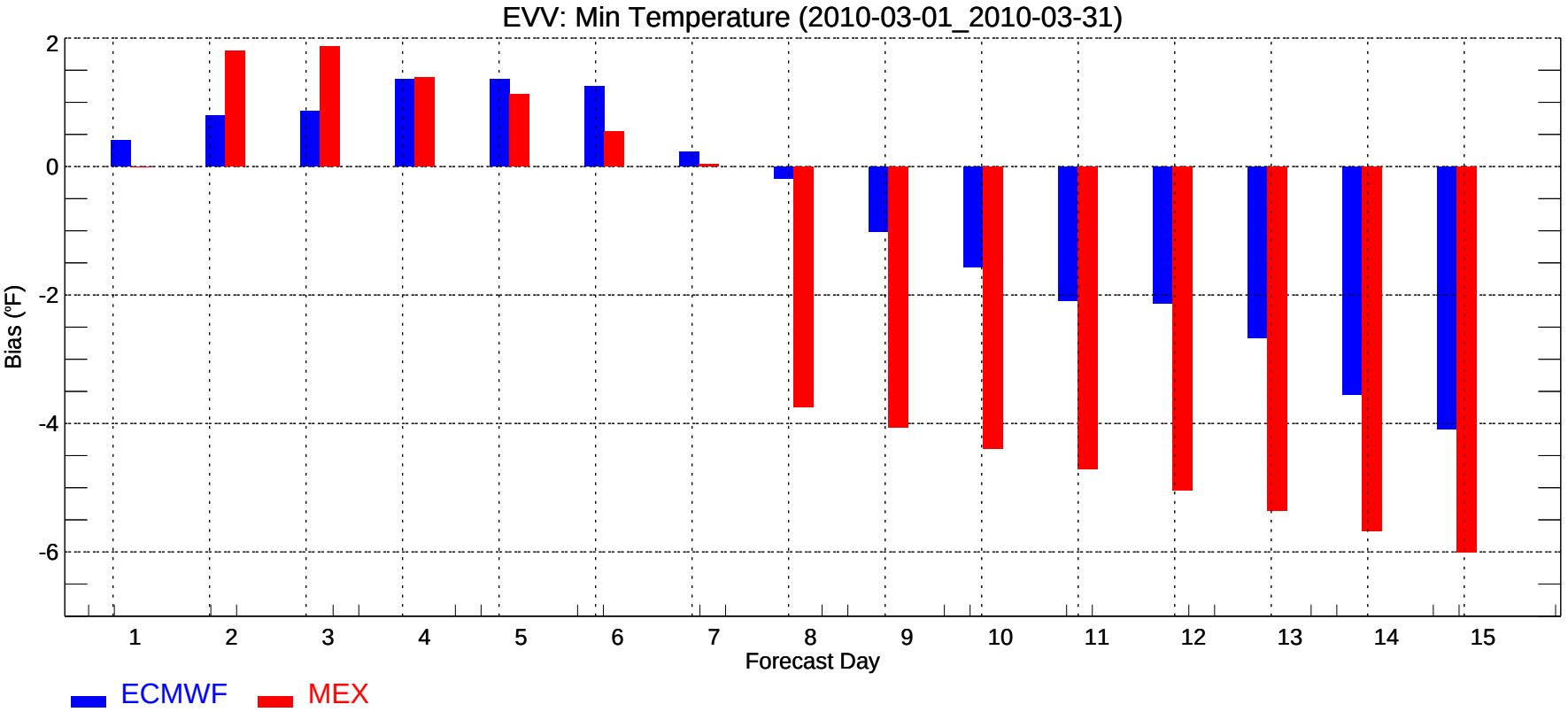

EUG: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

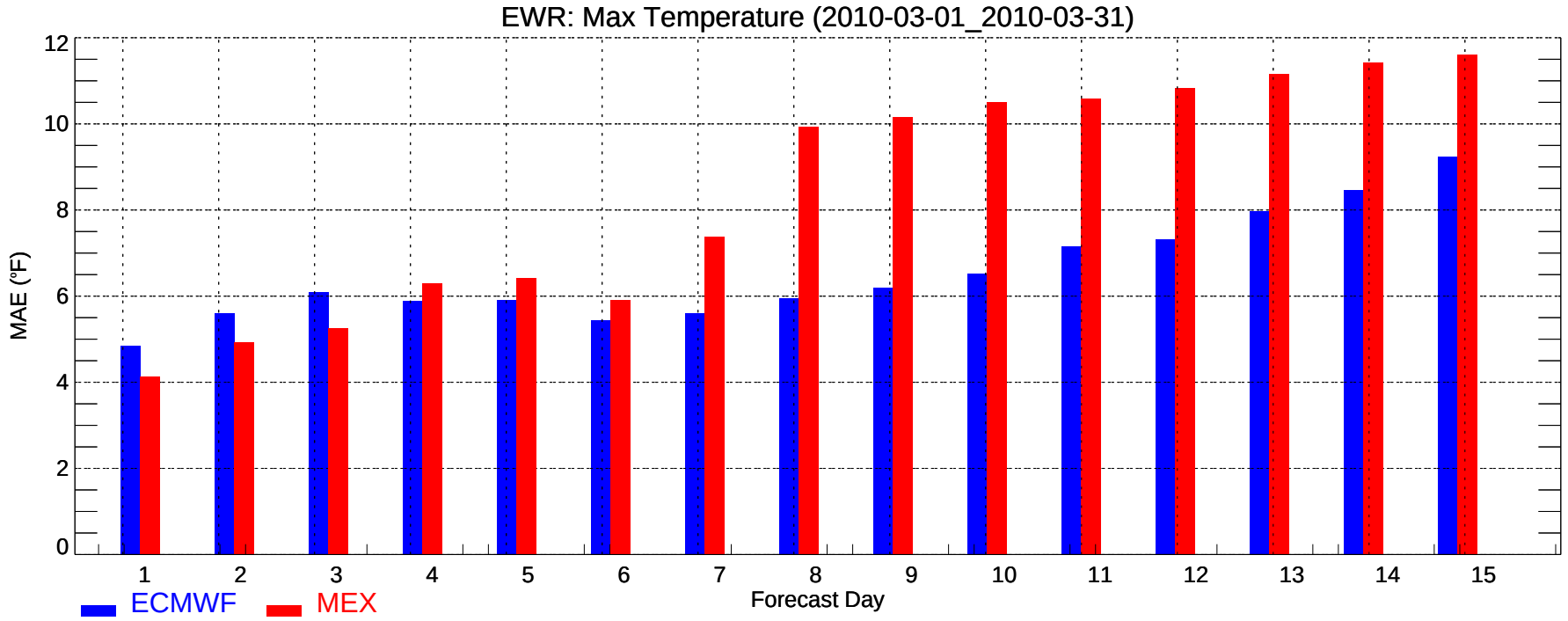

EUG: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

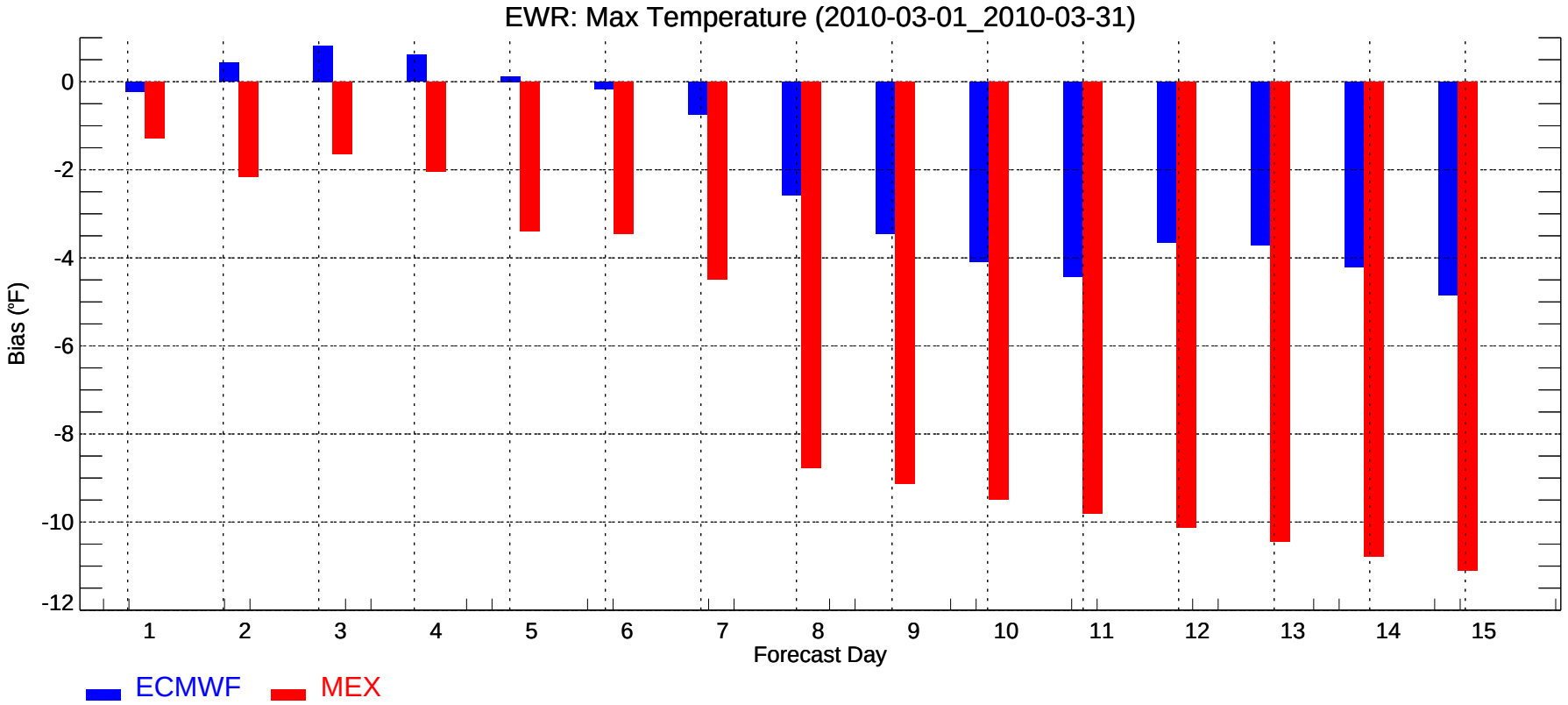

EVV: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

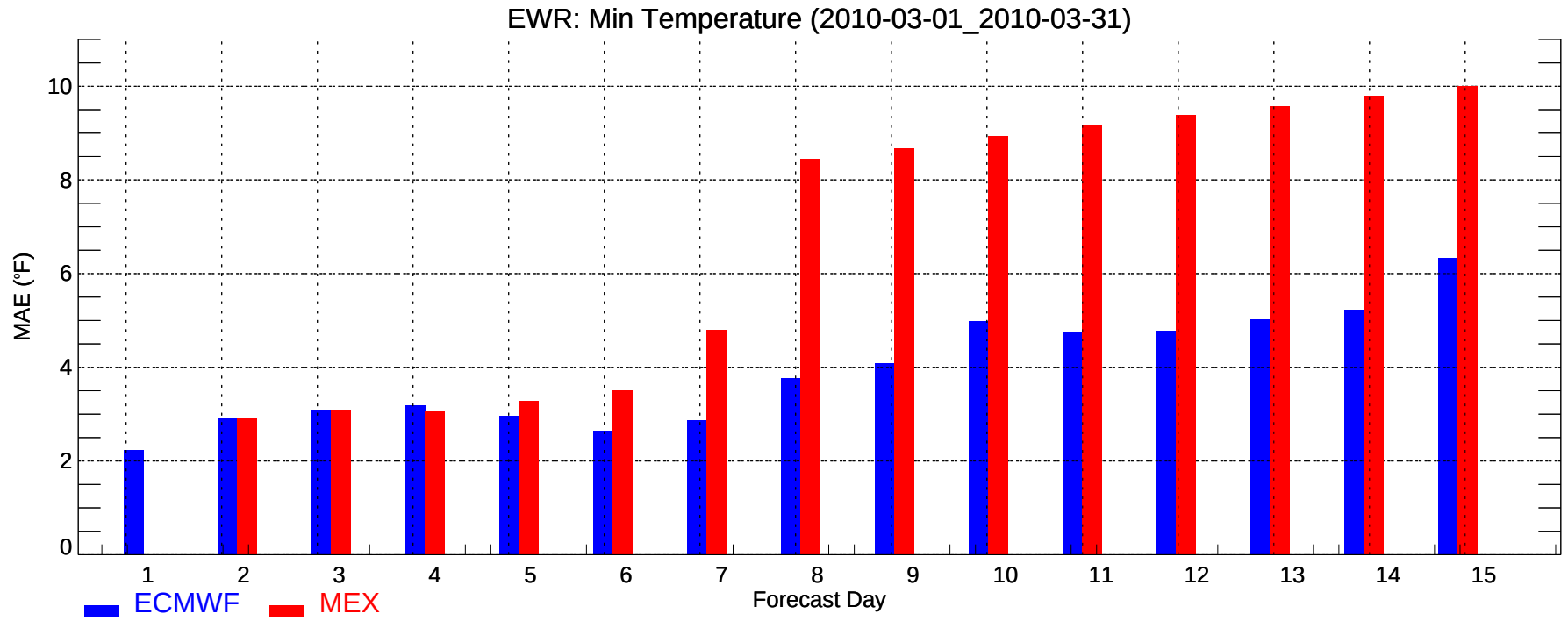

EVV: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

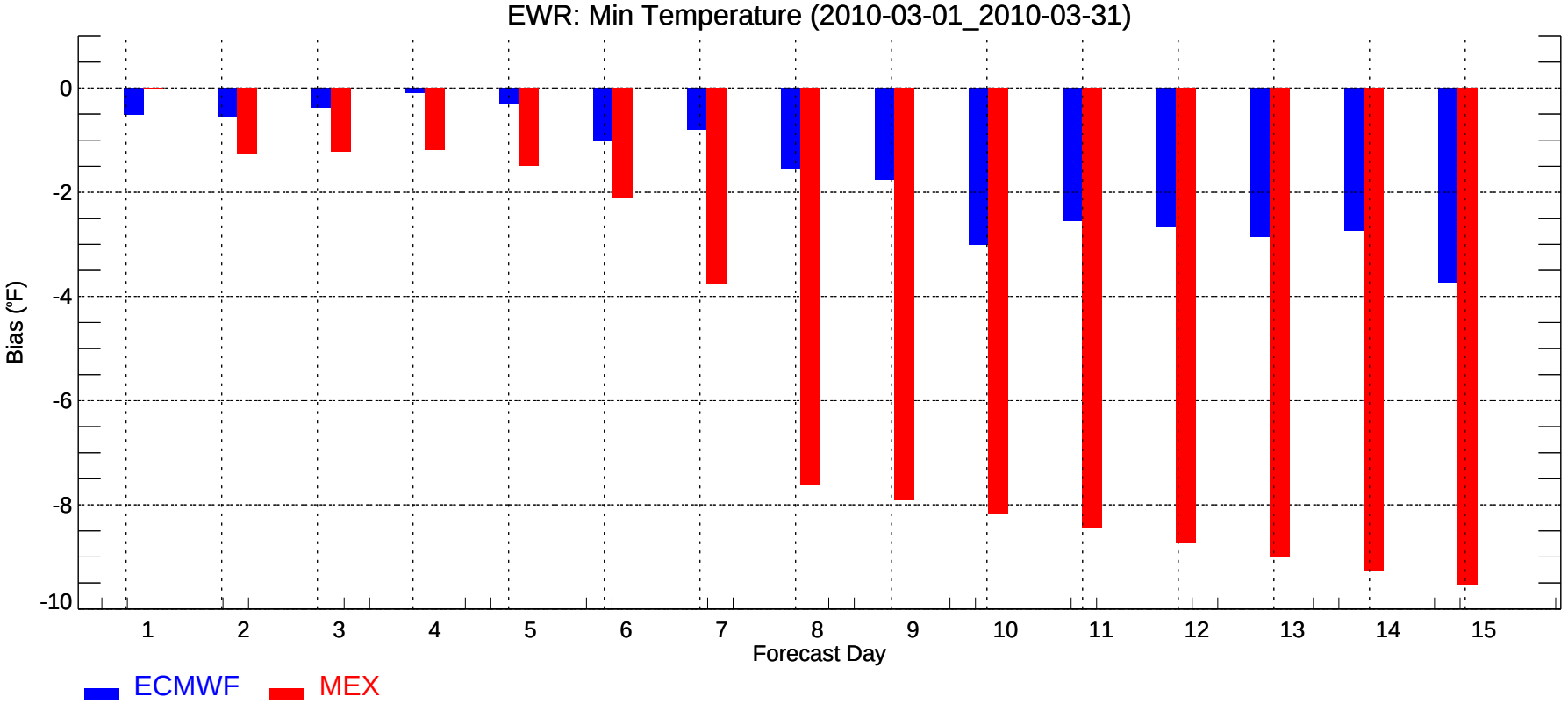

EVV: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

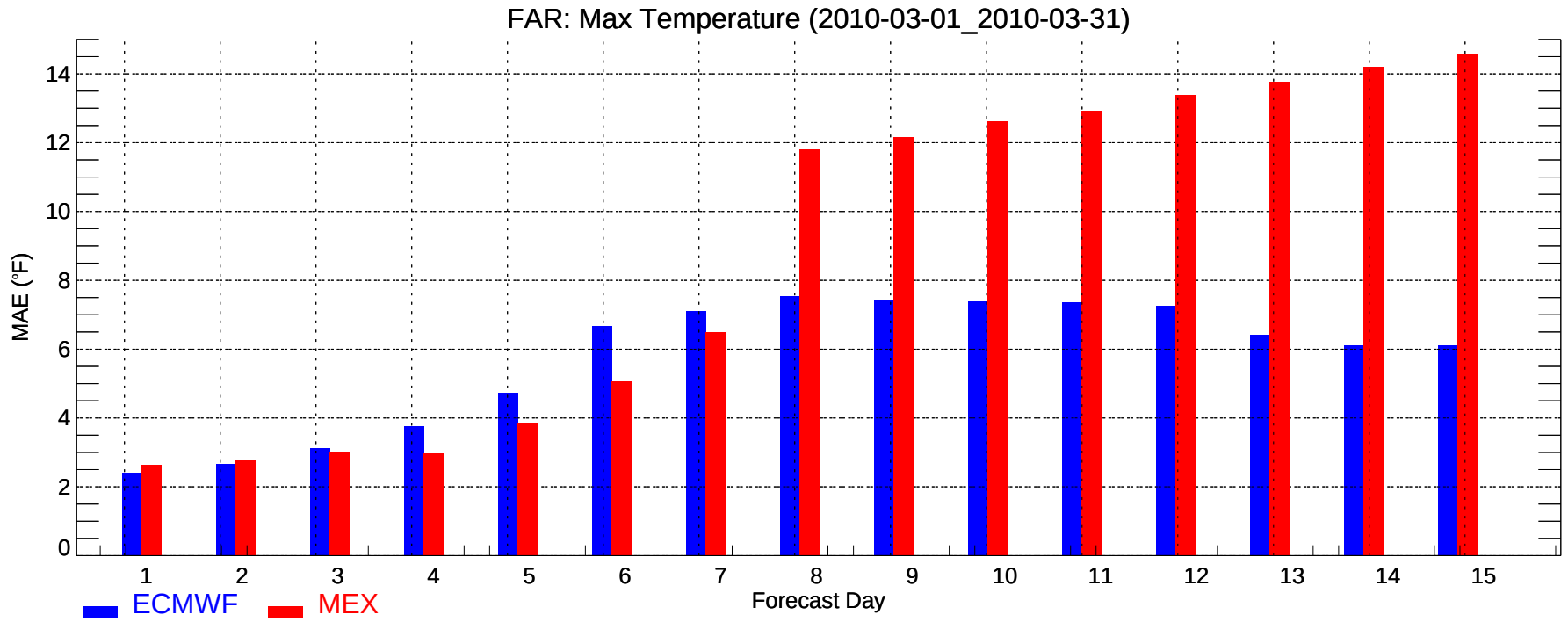

EVV: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

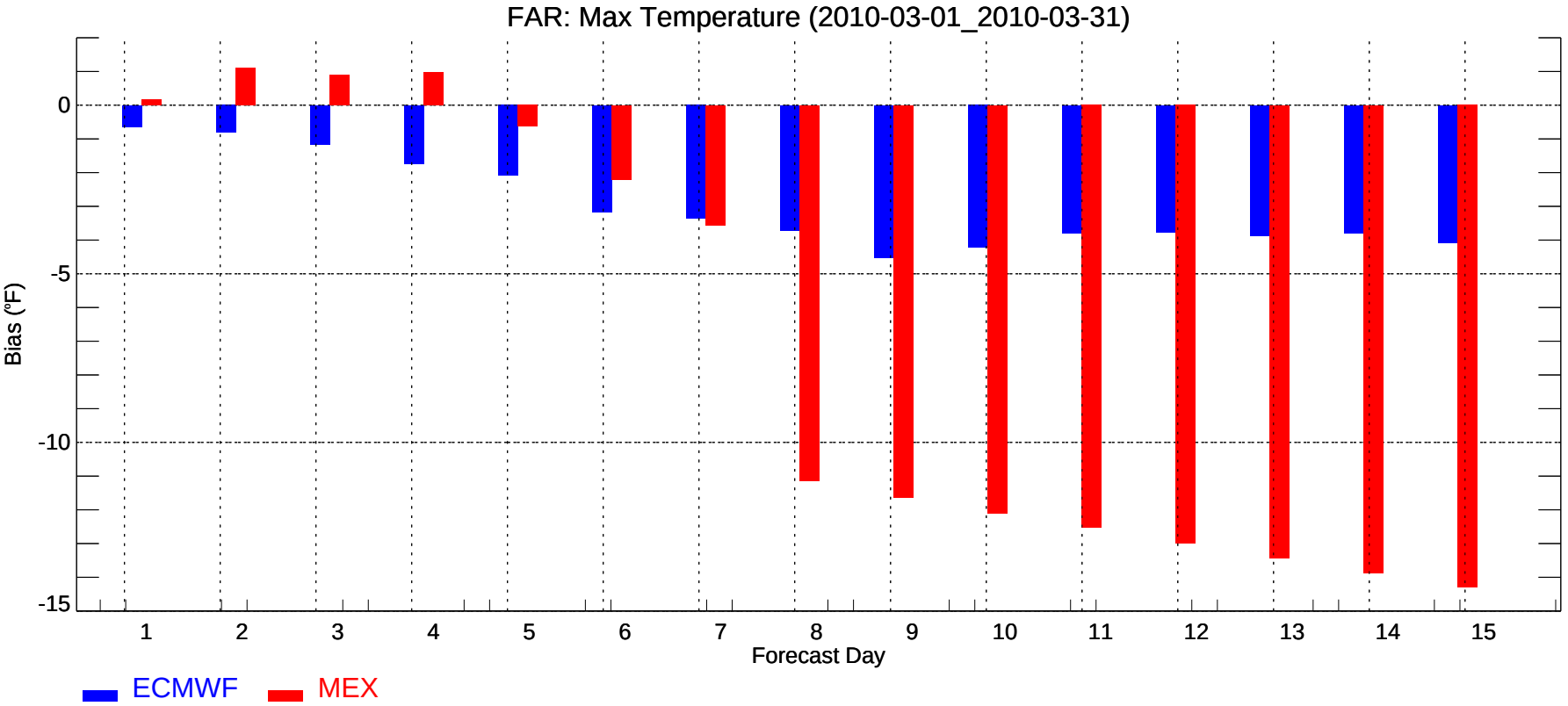

EWR: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

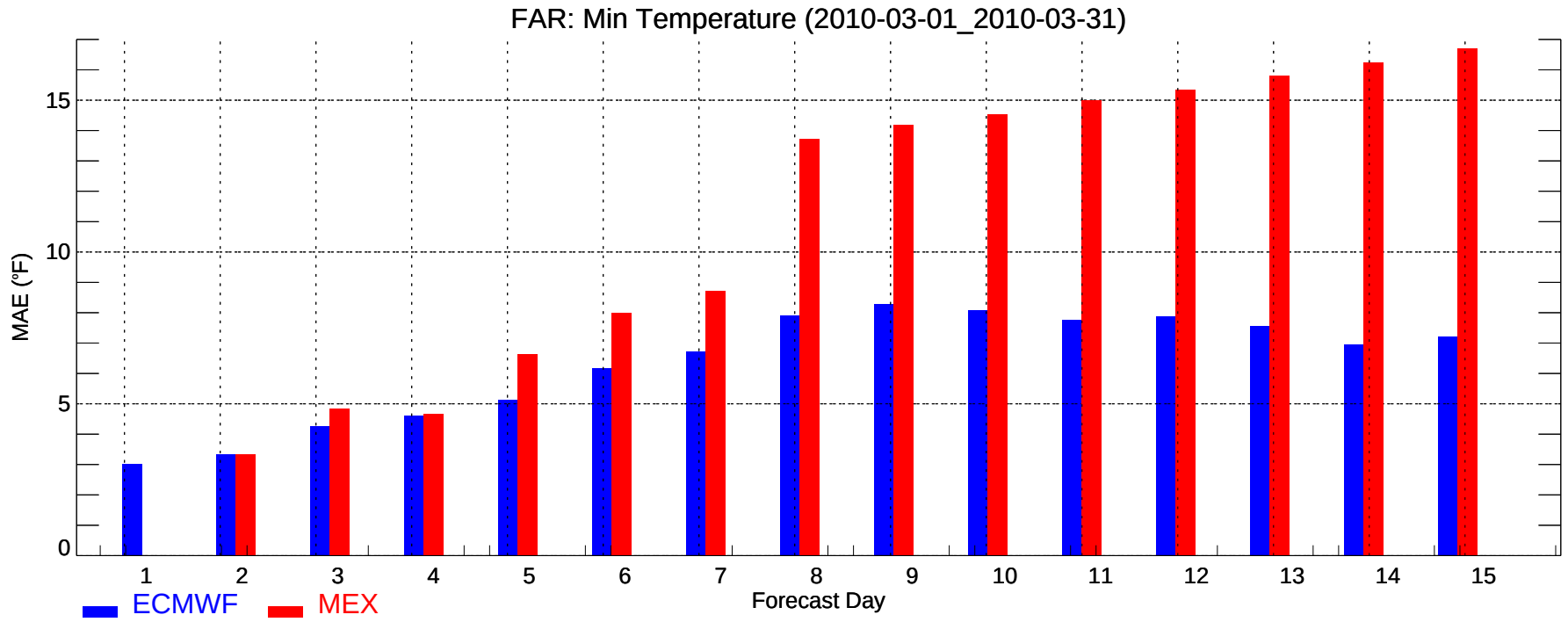

EWR: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

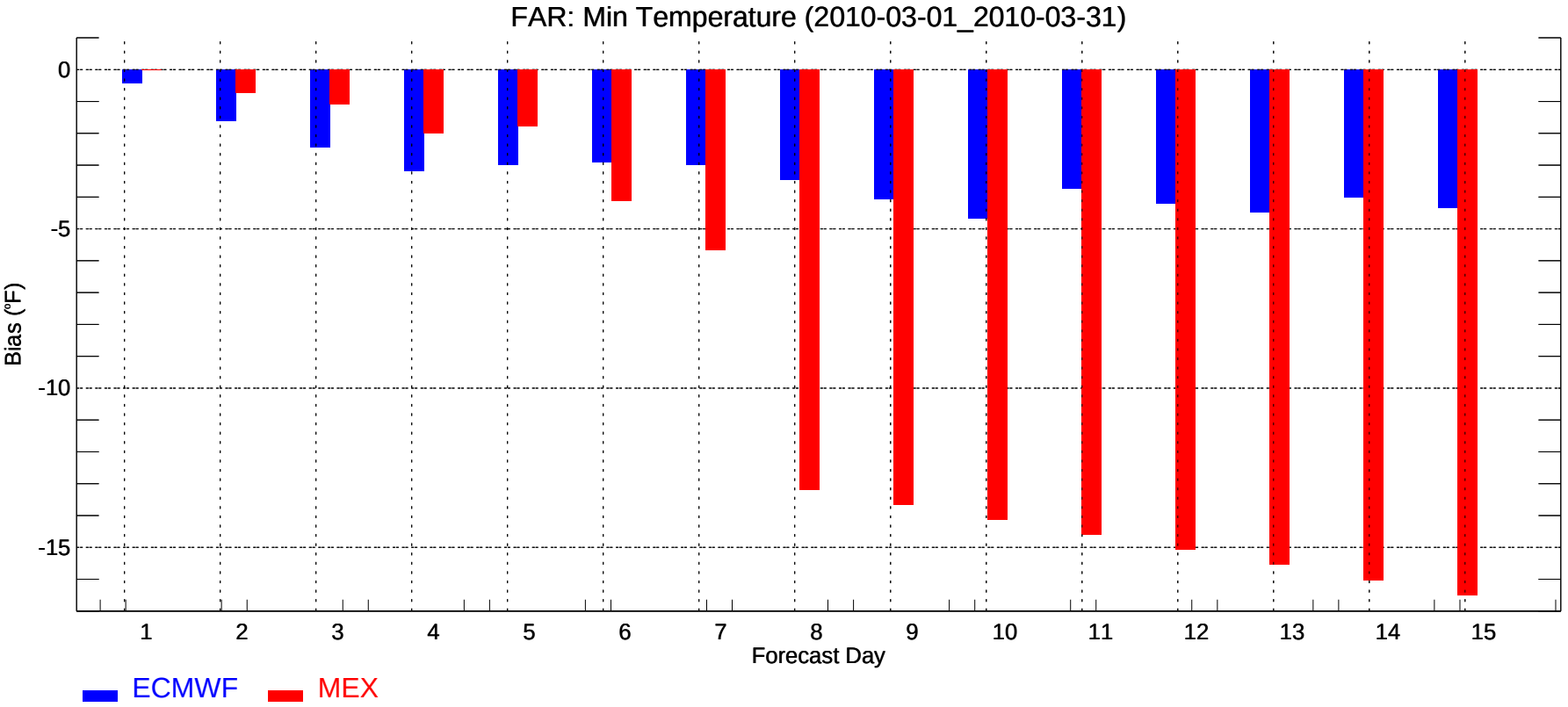

EWR: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

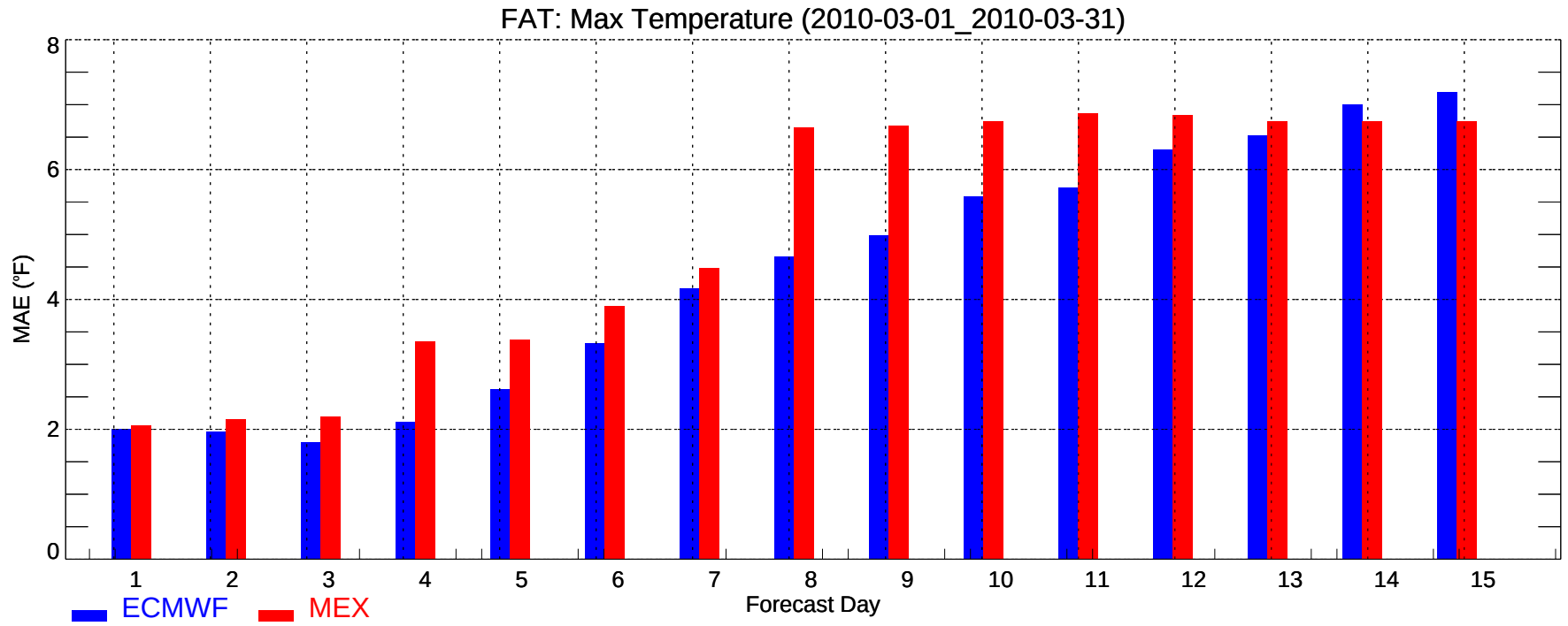

EWR: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

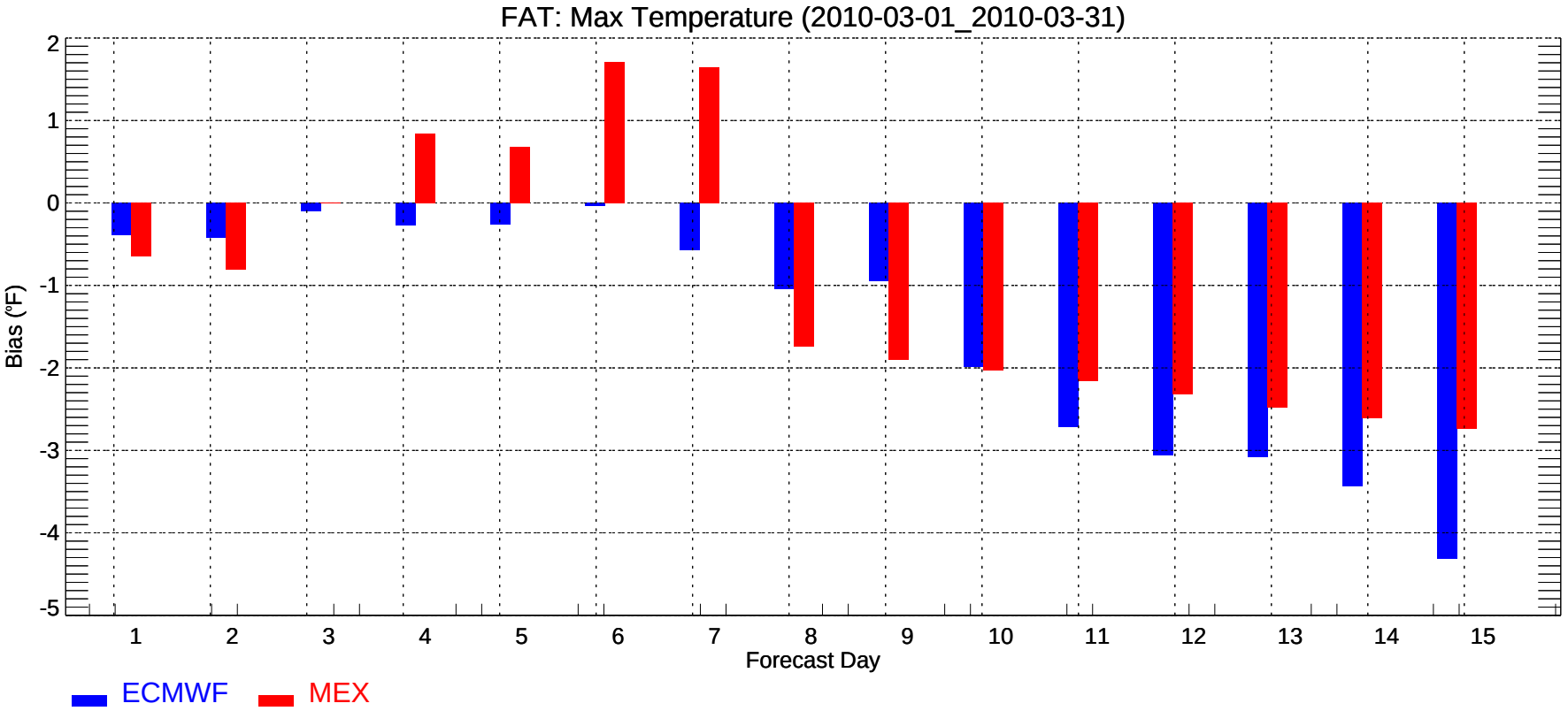

FAR: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

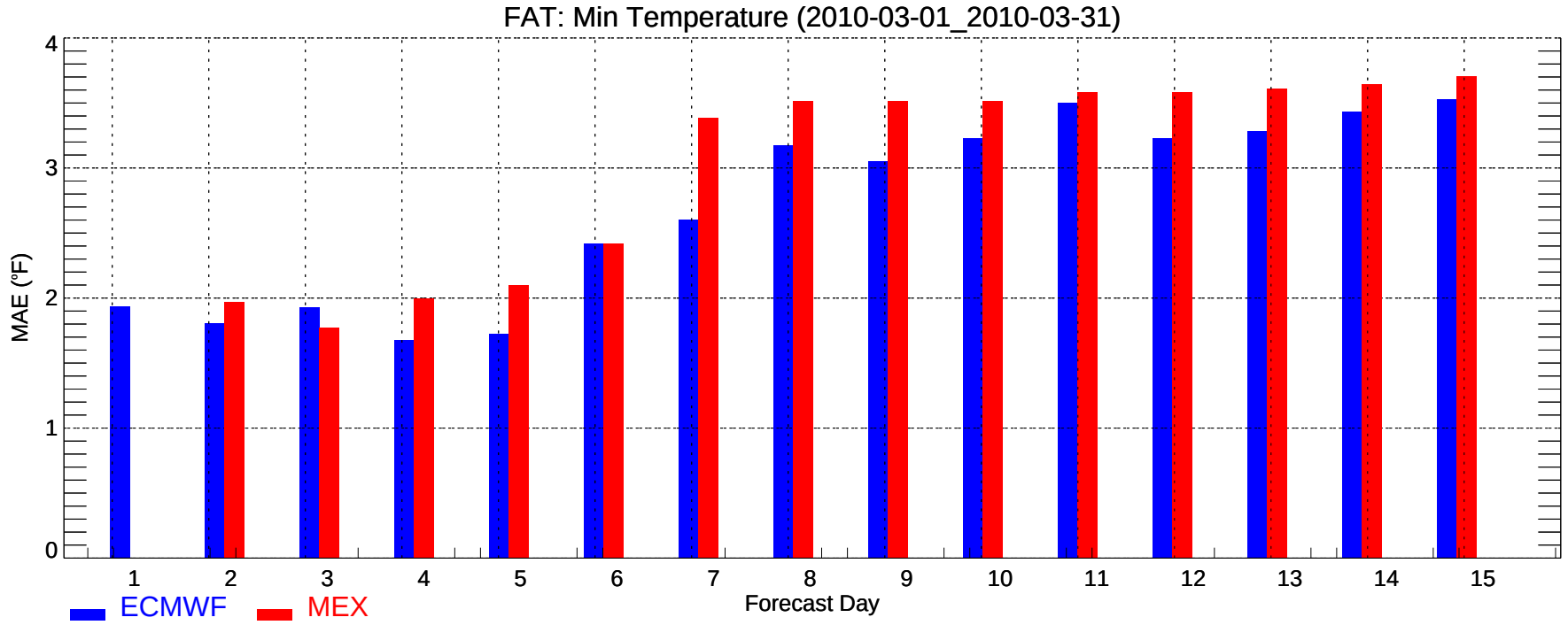

FAR: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

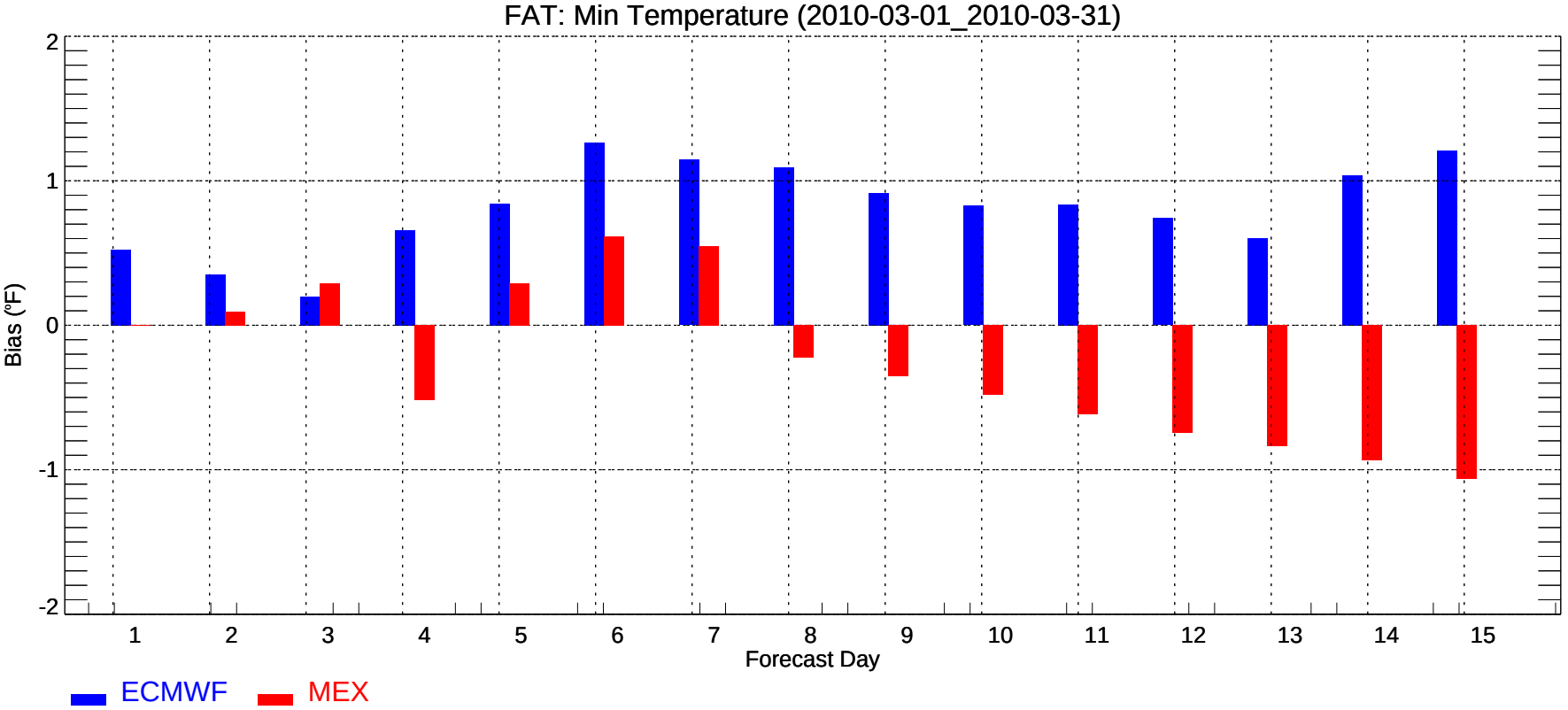

FAR: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

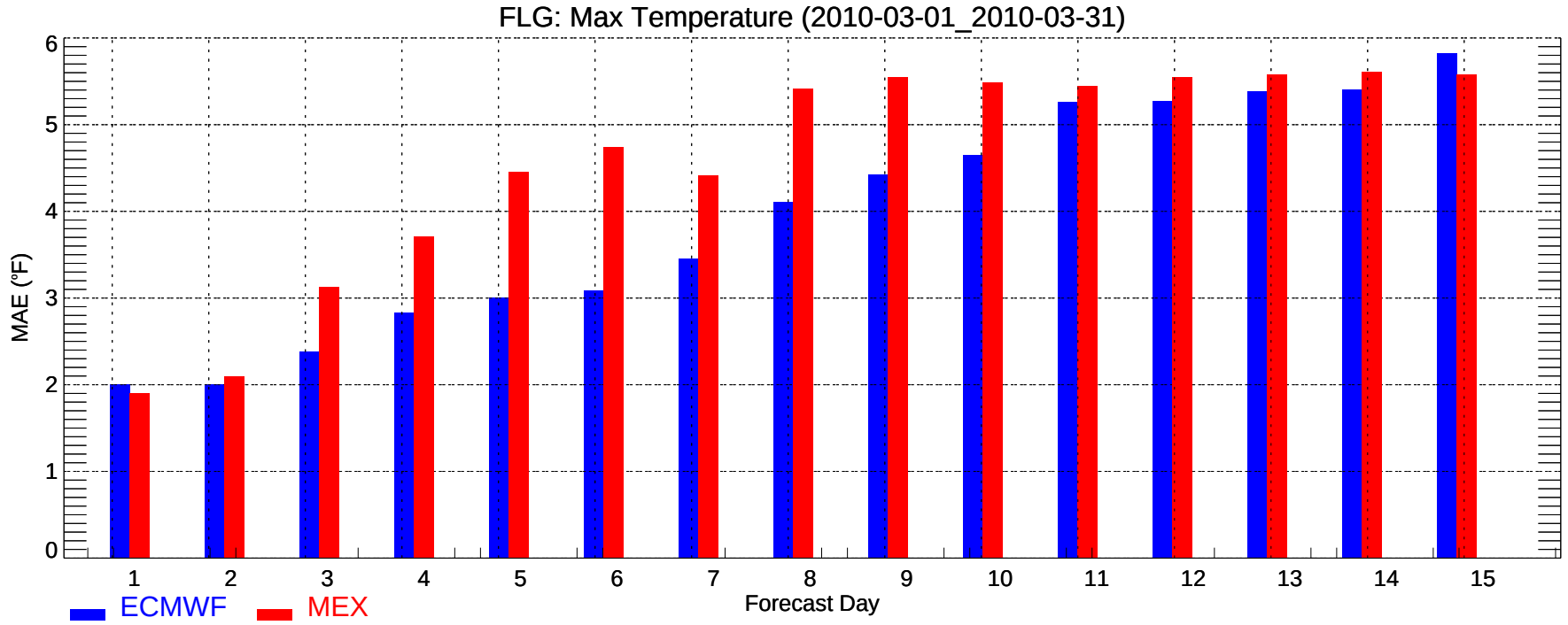

FAR: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

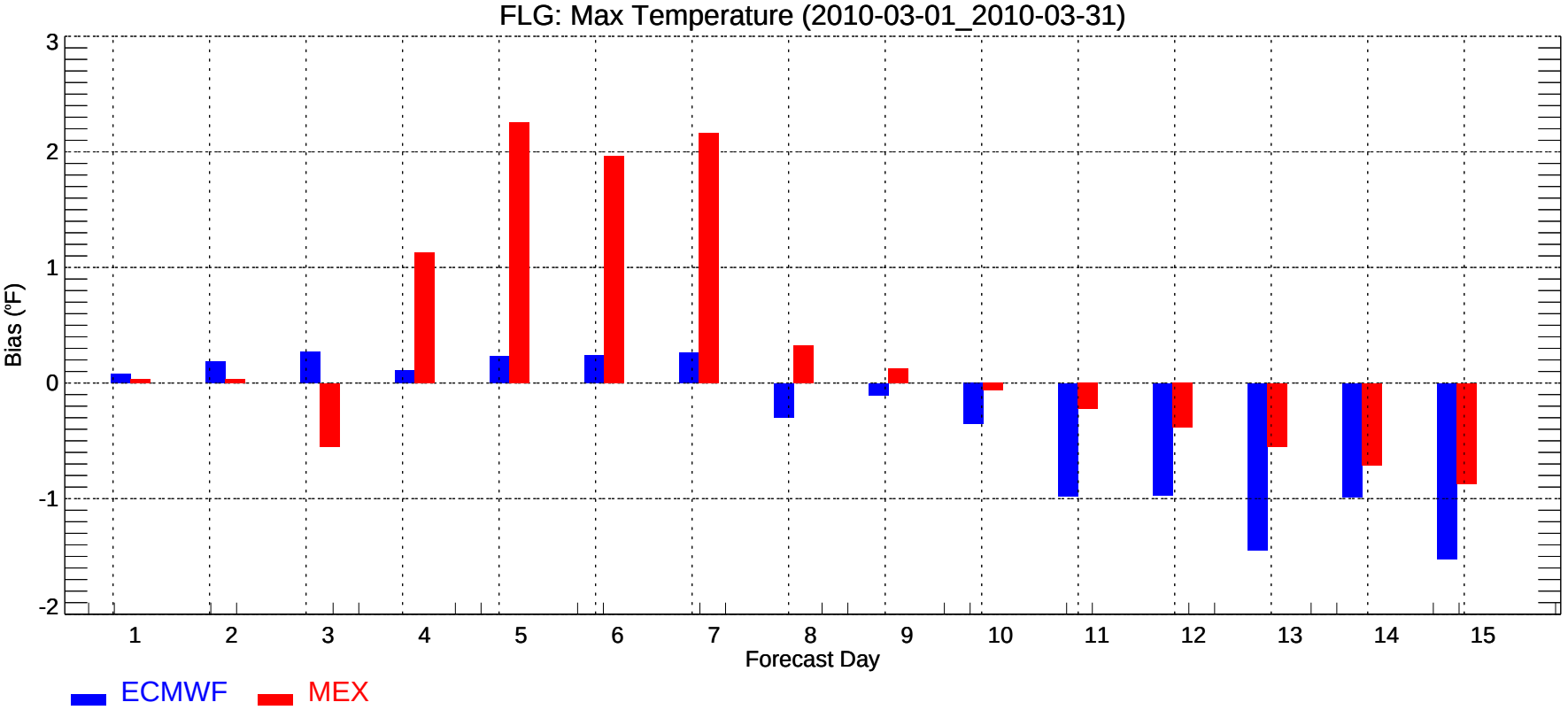

FAT: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAT: Max Temperature (2010-03-01_2010-03-31)
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


FAT: Min Temperature (2010-03-01_2010-03-31)
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


FAT: Min Temperature (2010-03-01_2010-03-31)
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


FLG: Max Temperature (2010-03-01_2010-03-31)
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


FLG: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
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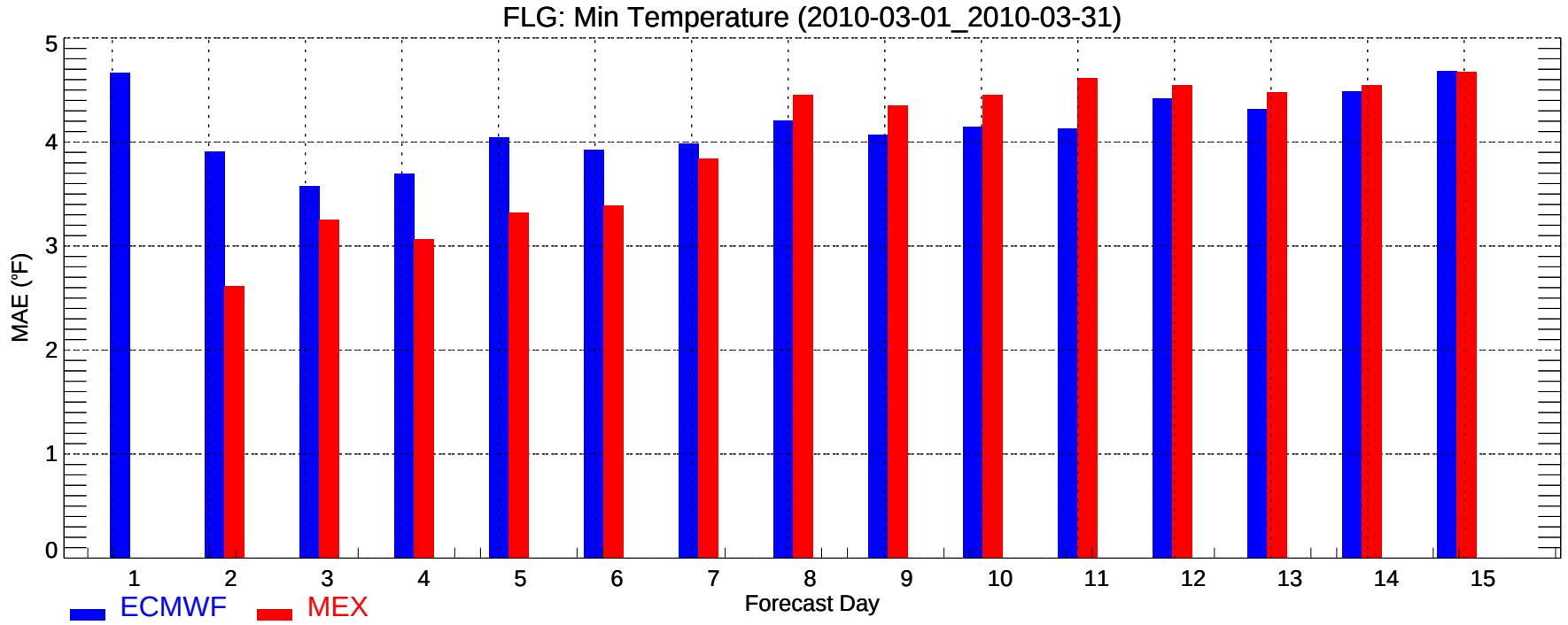
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FLG: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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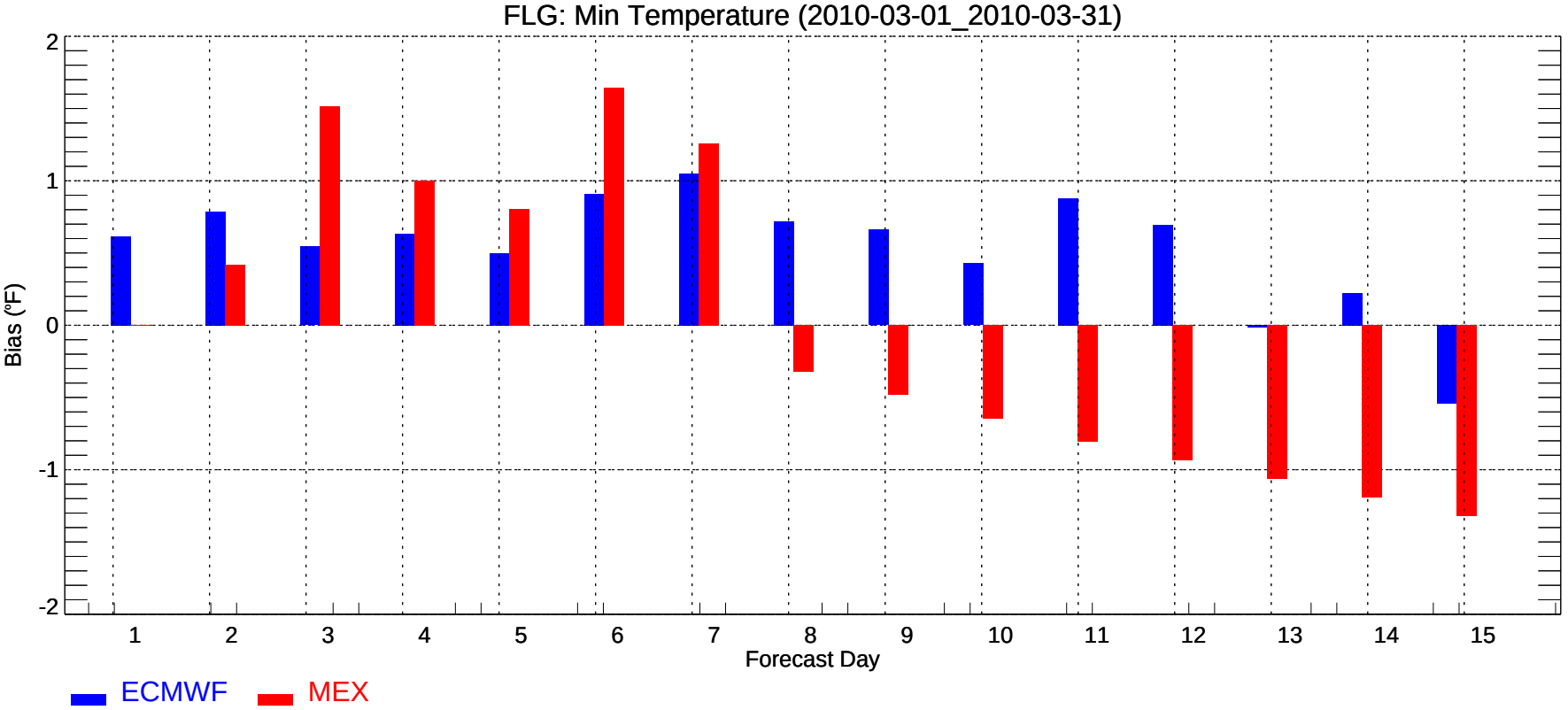
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FLG: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
1
2
3
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5
6
7
8
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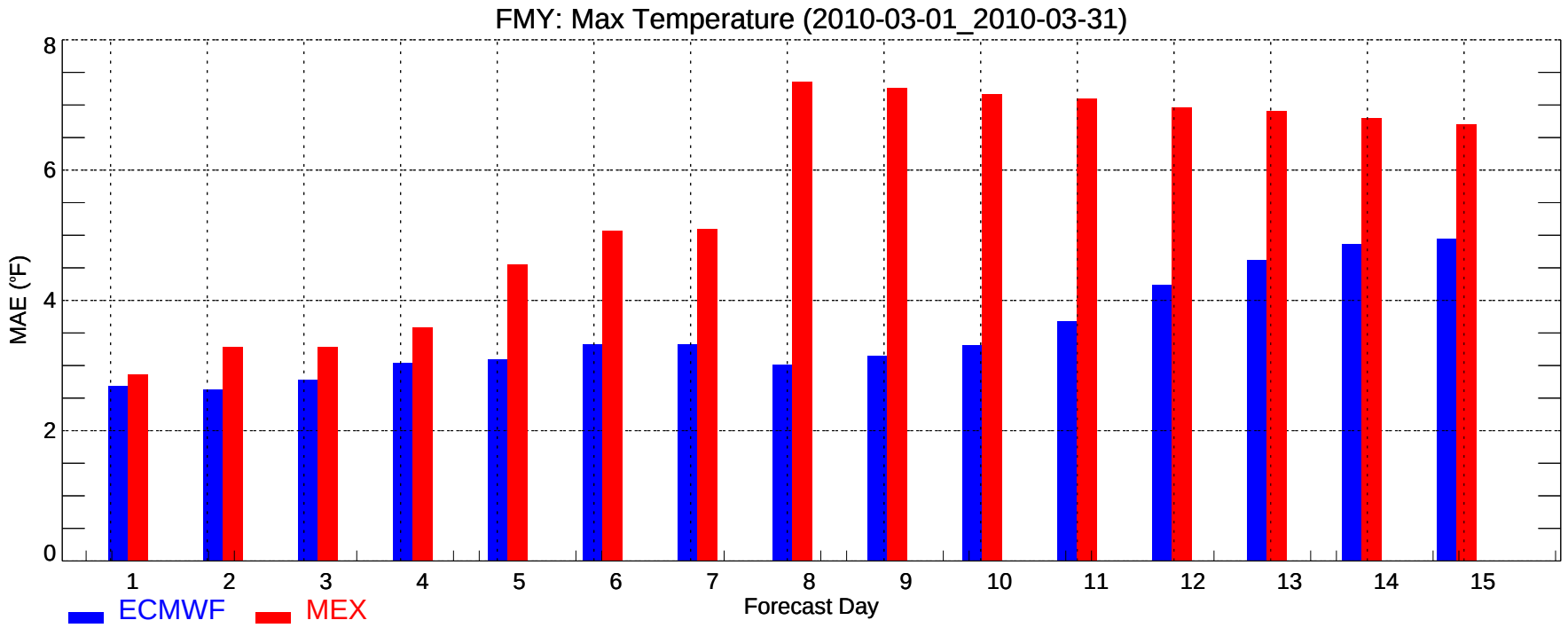
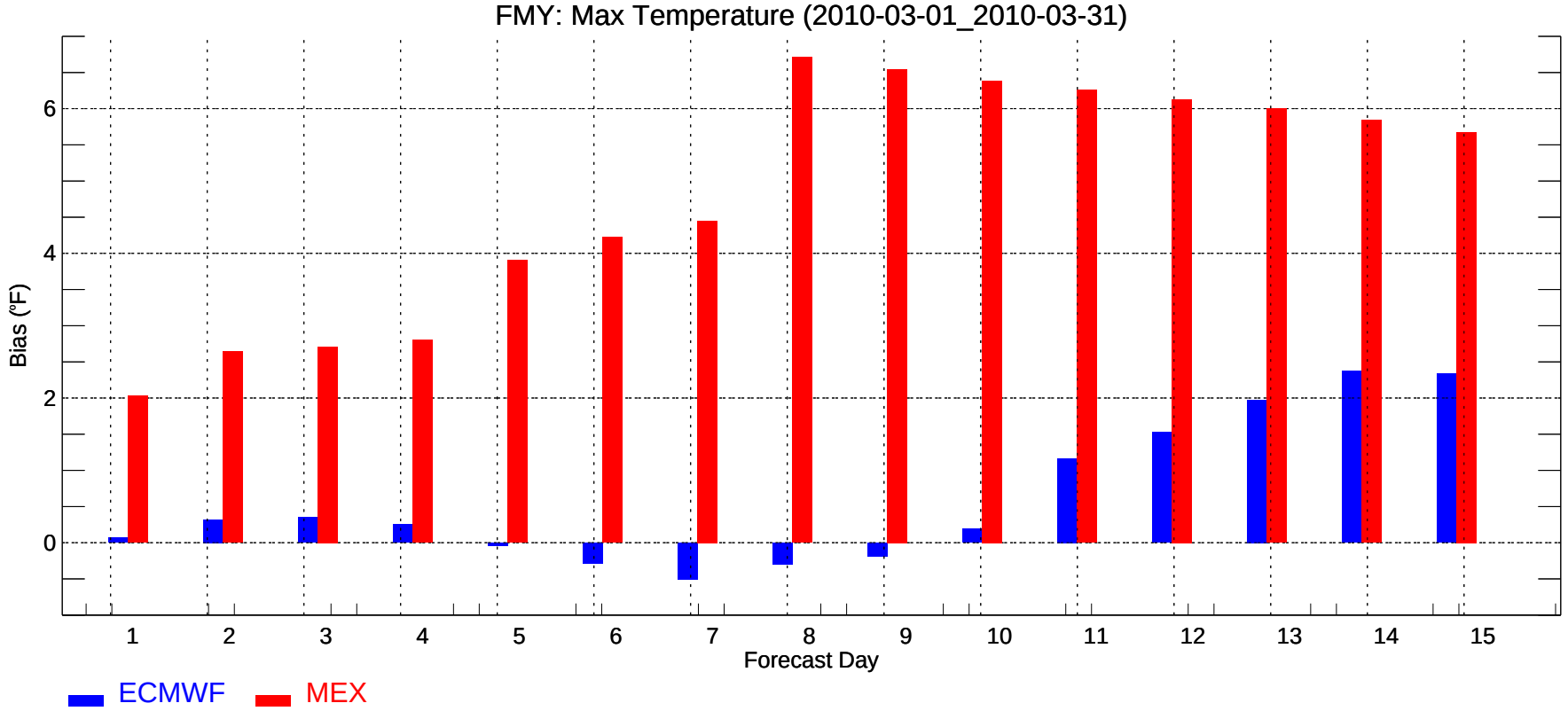
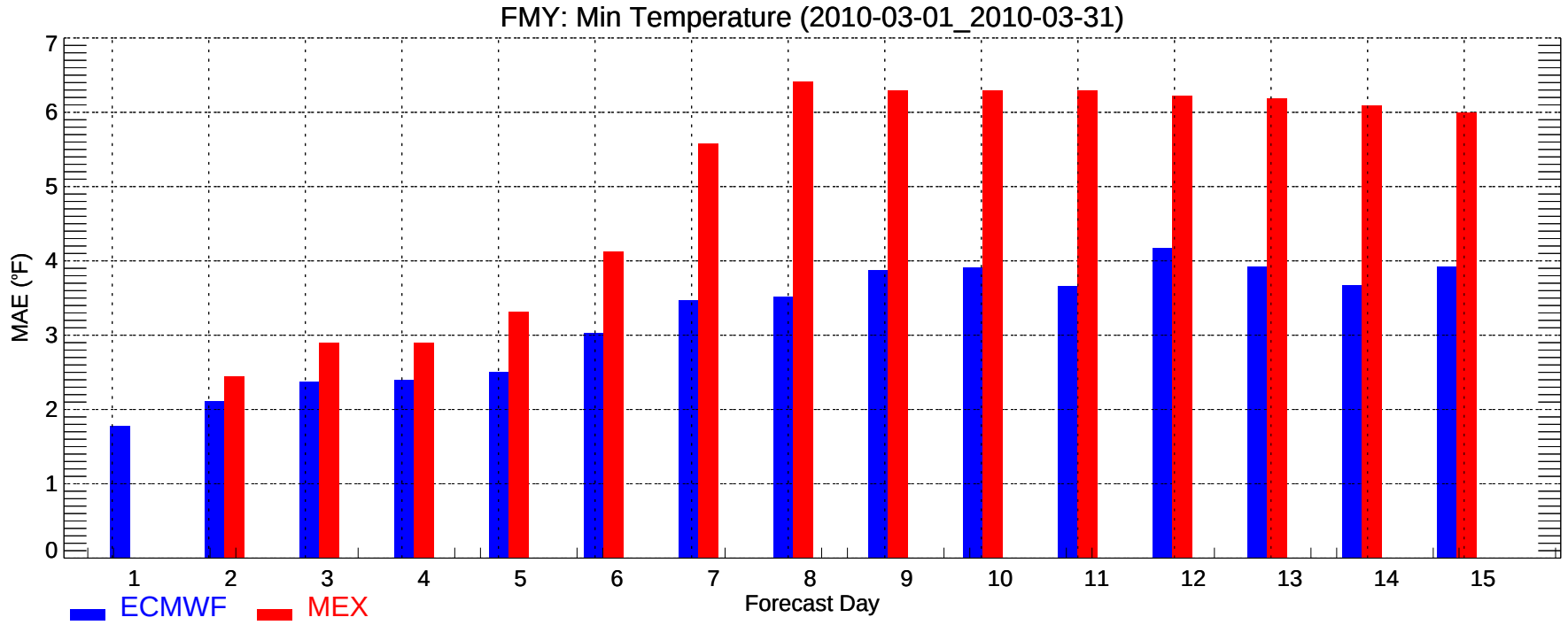
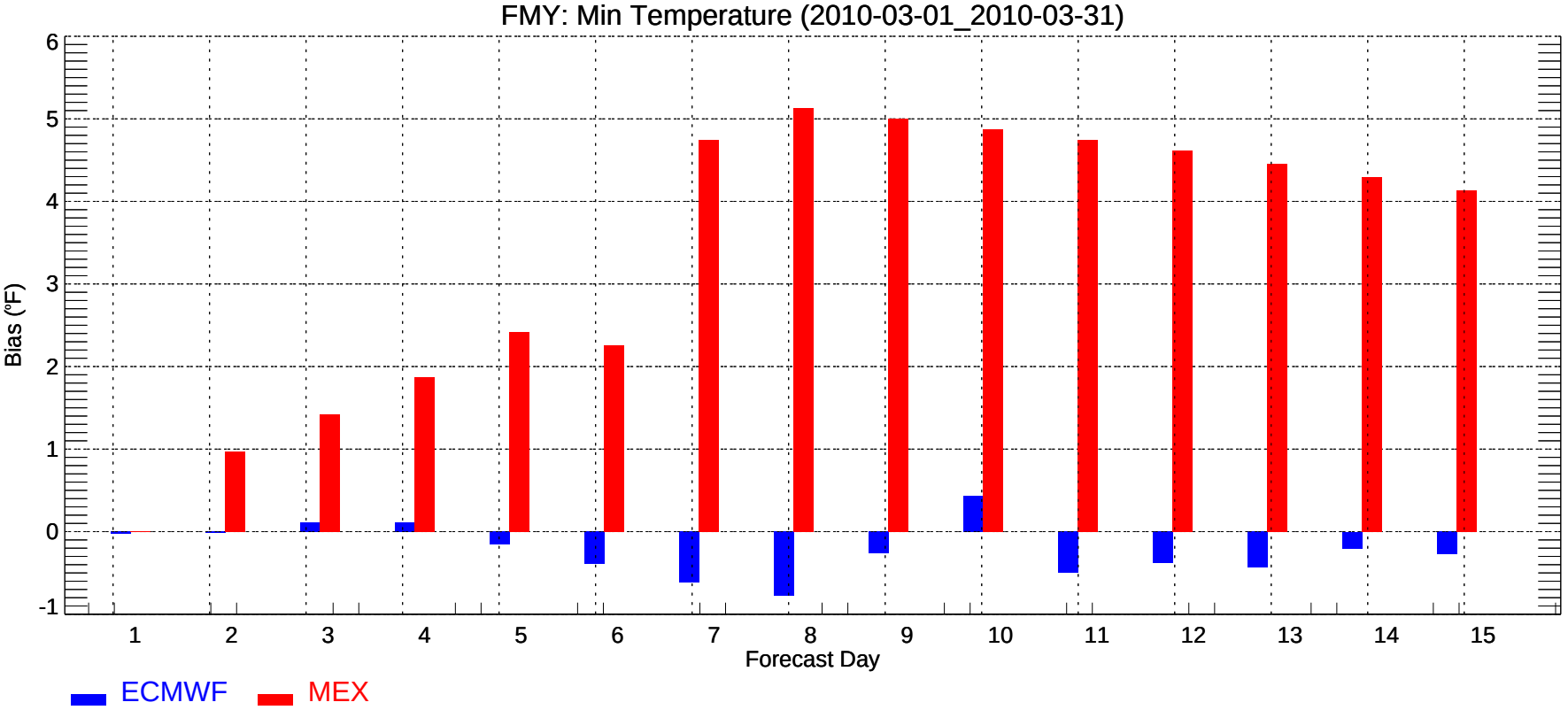
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FMY: Max Temperature (2010-03-01_2010-03-31)
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


FMY: Max Temperature (2010-03-01_2010-03-31)
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


FMY: Min Temperature (2010-03-01_2010-03-31)
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


FMY: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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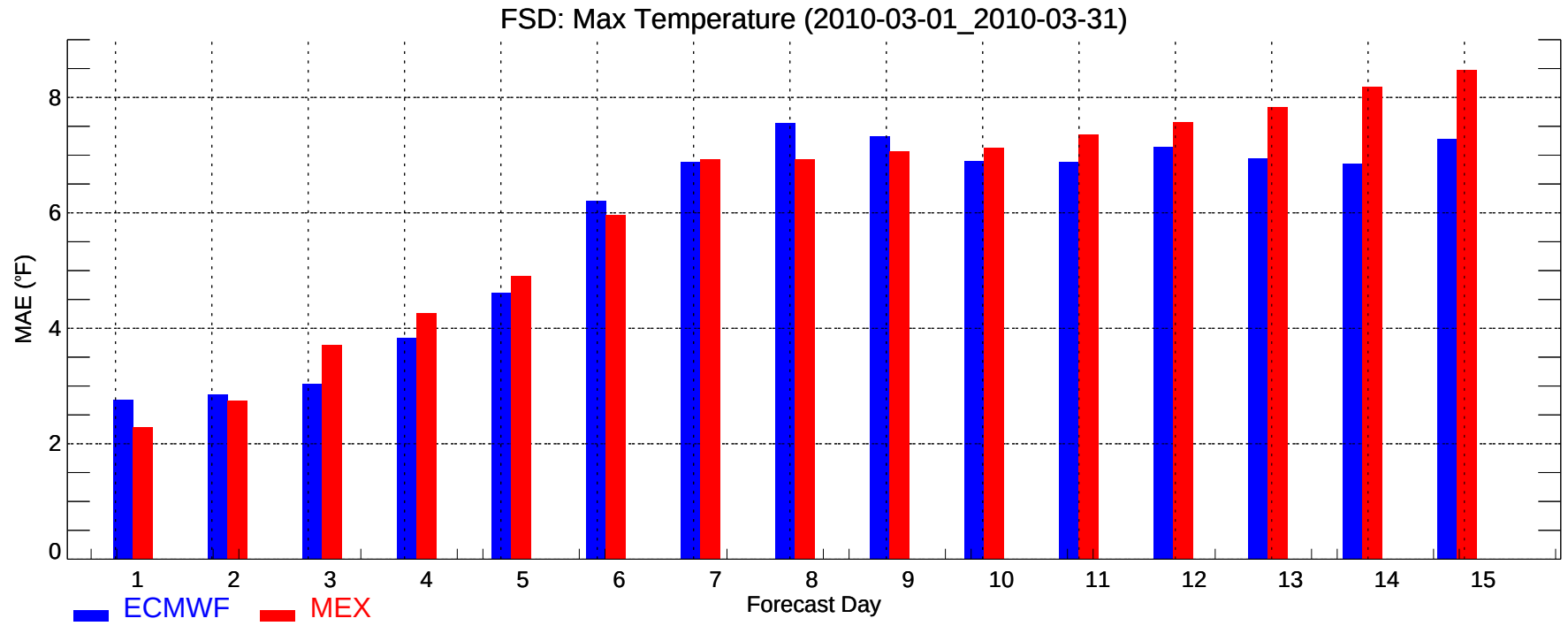
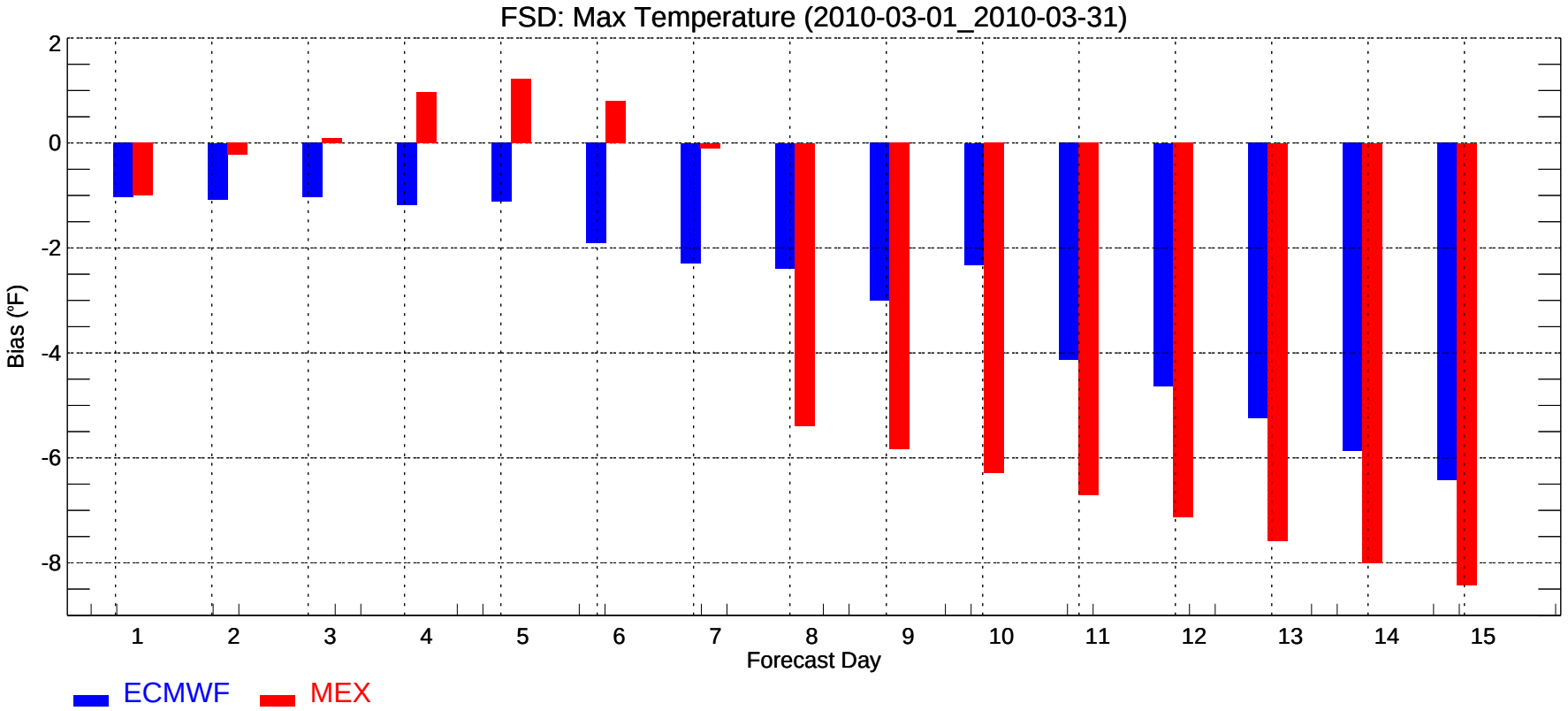
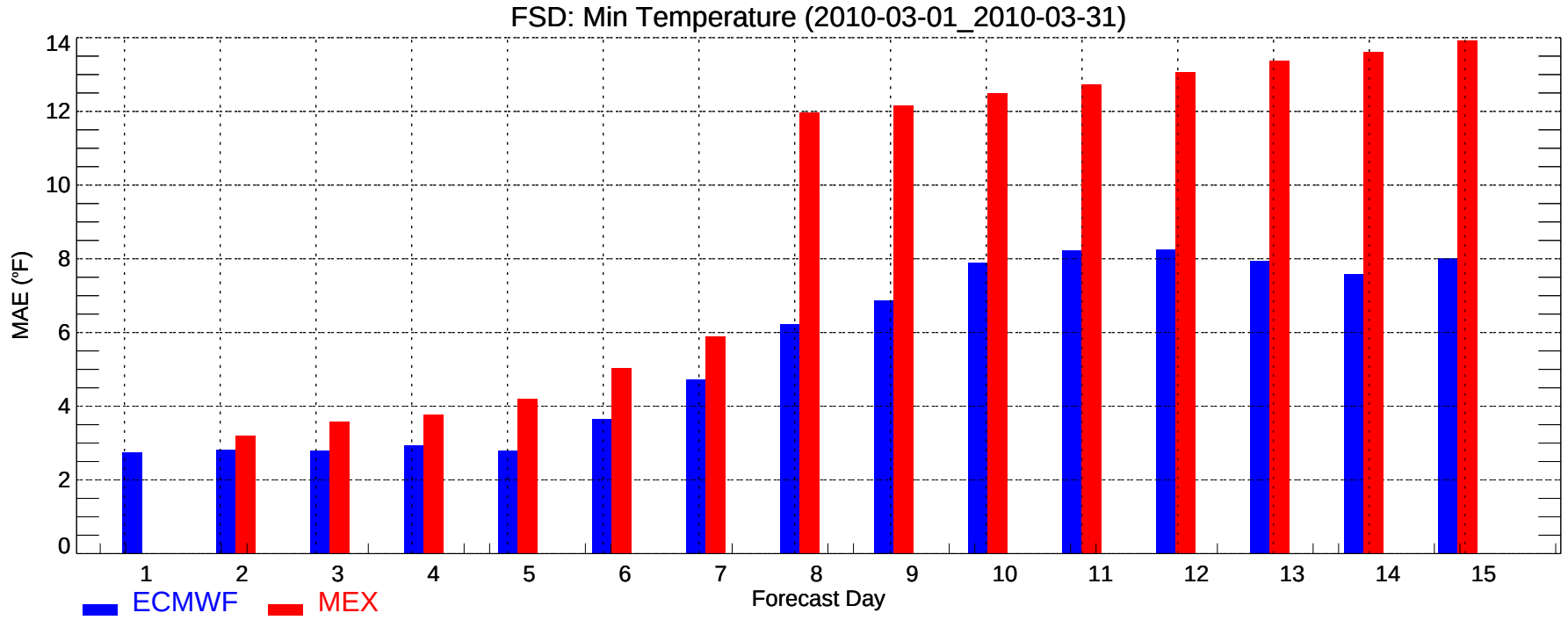
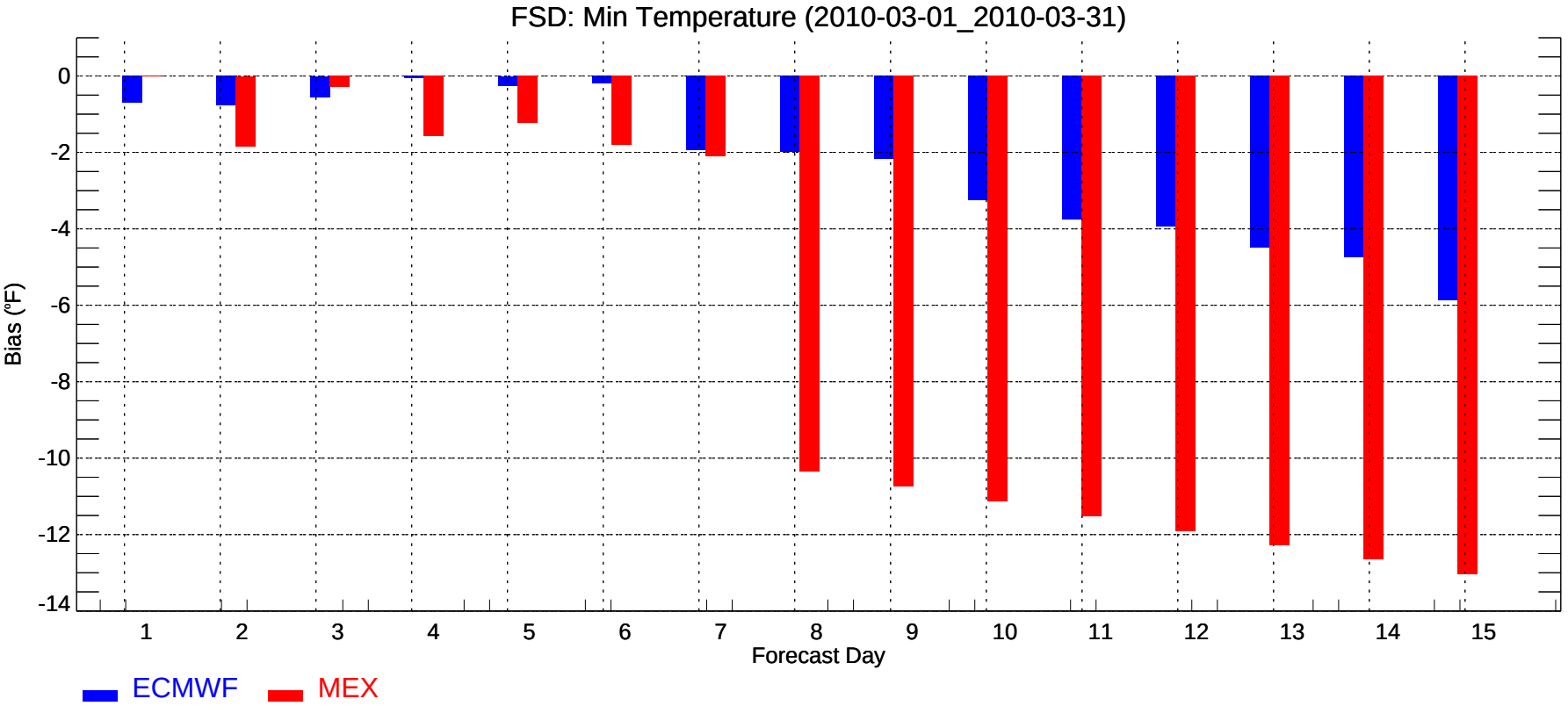
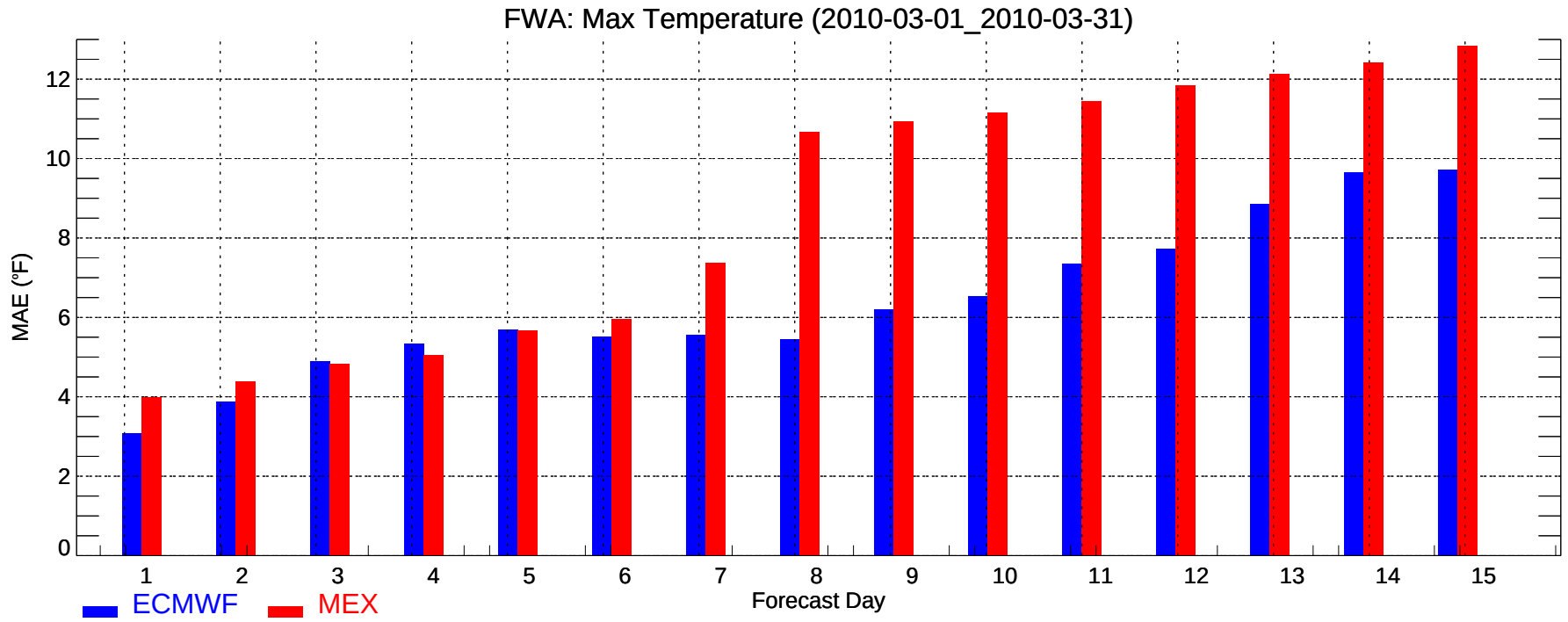
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

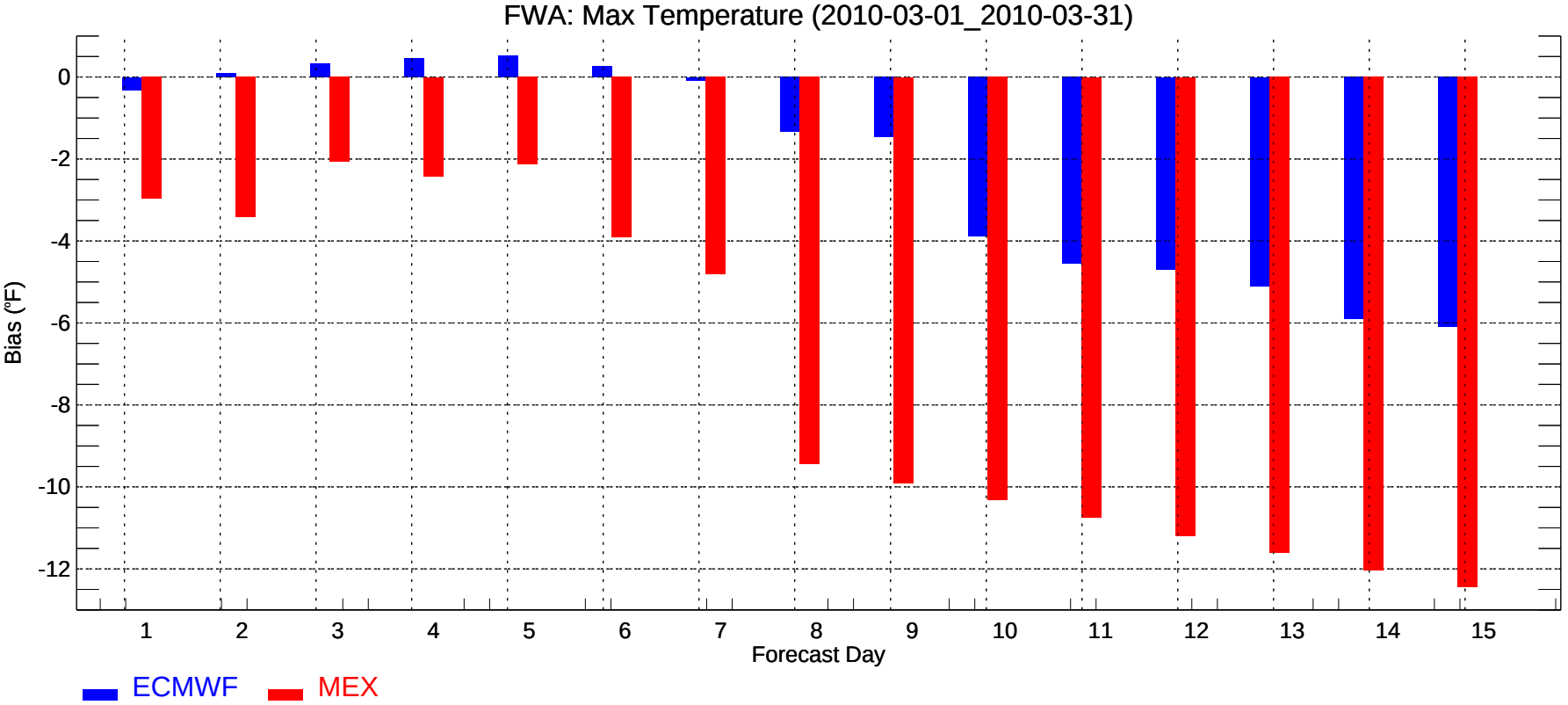

FSD: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

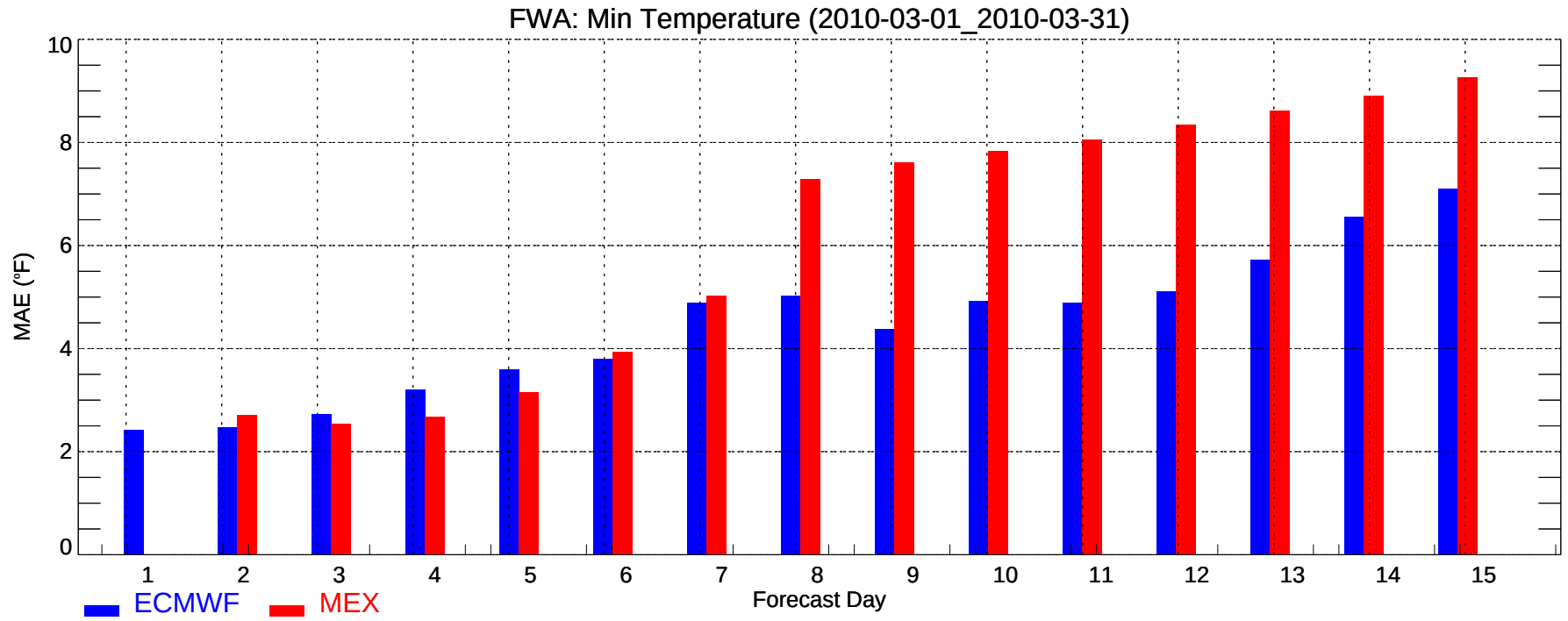

FSD: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

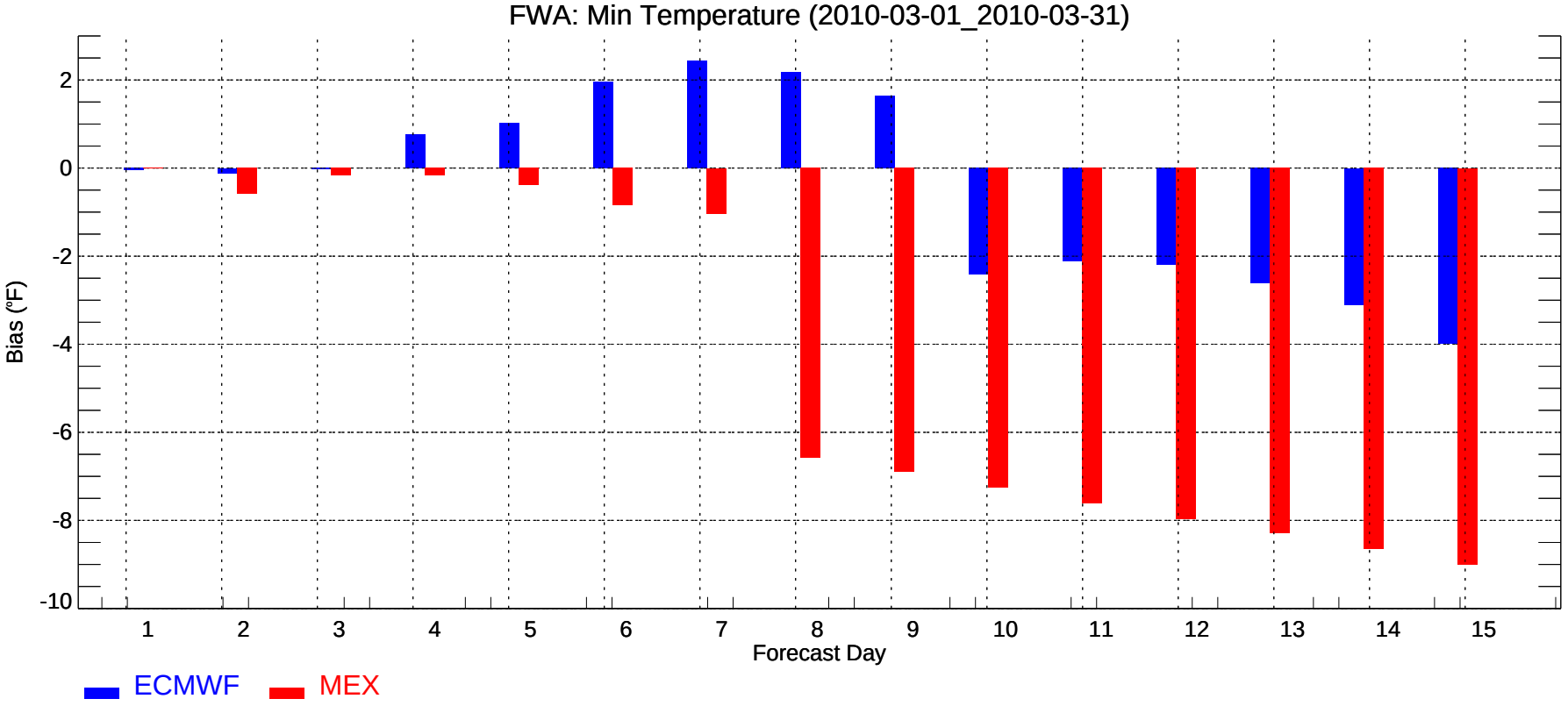

FSD: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

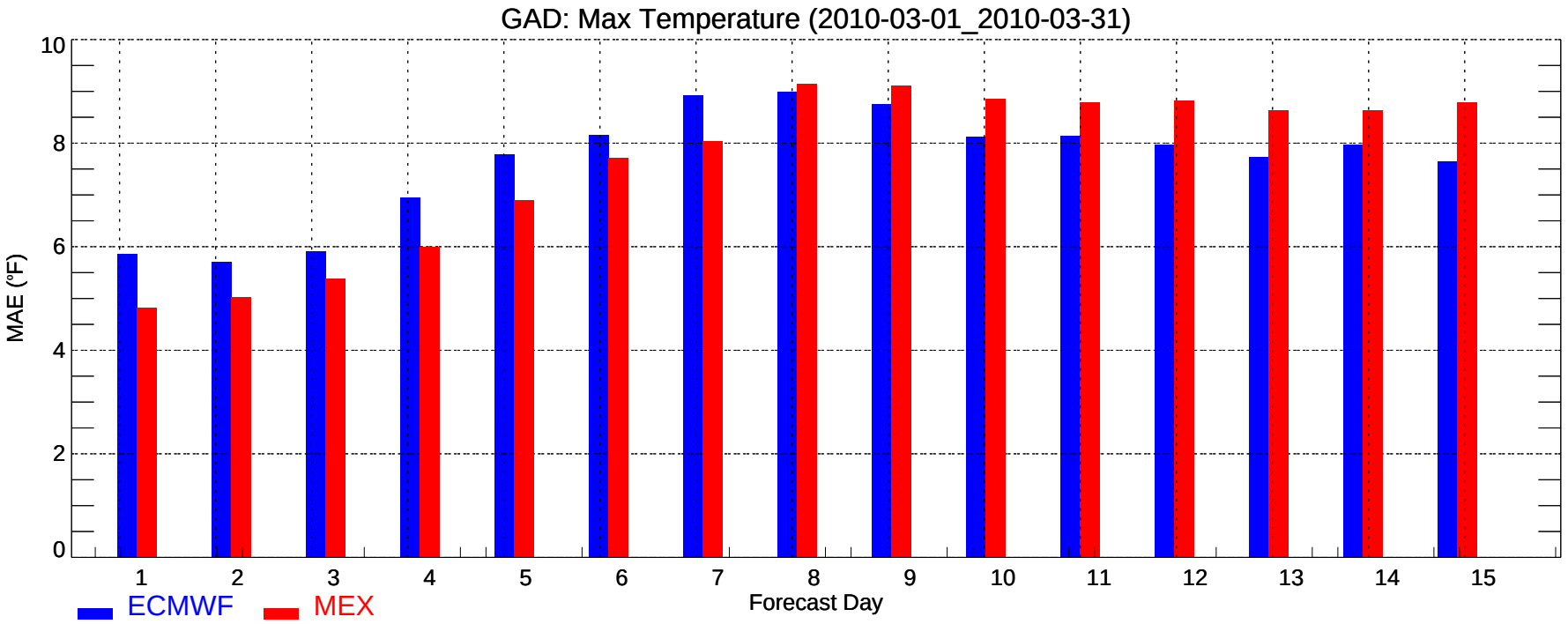

FSD: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
-14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

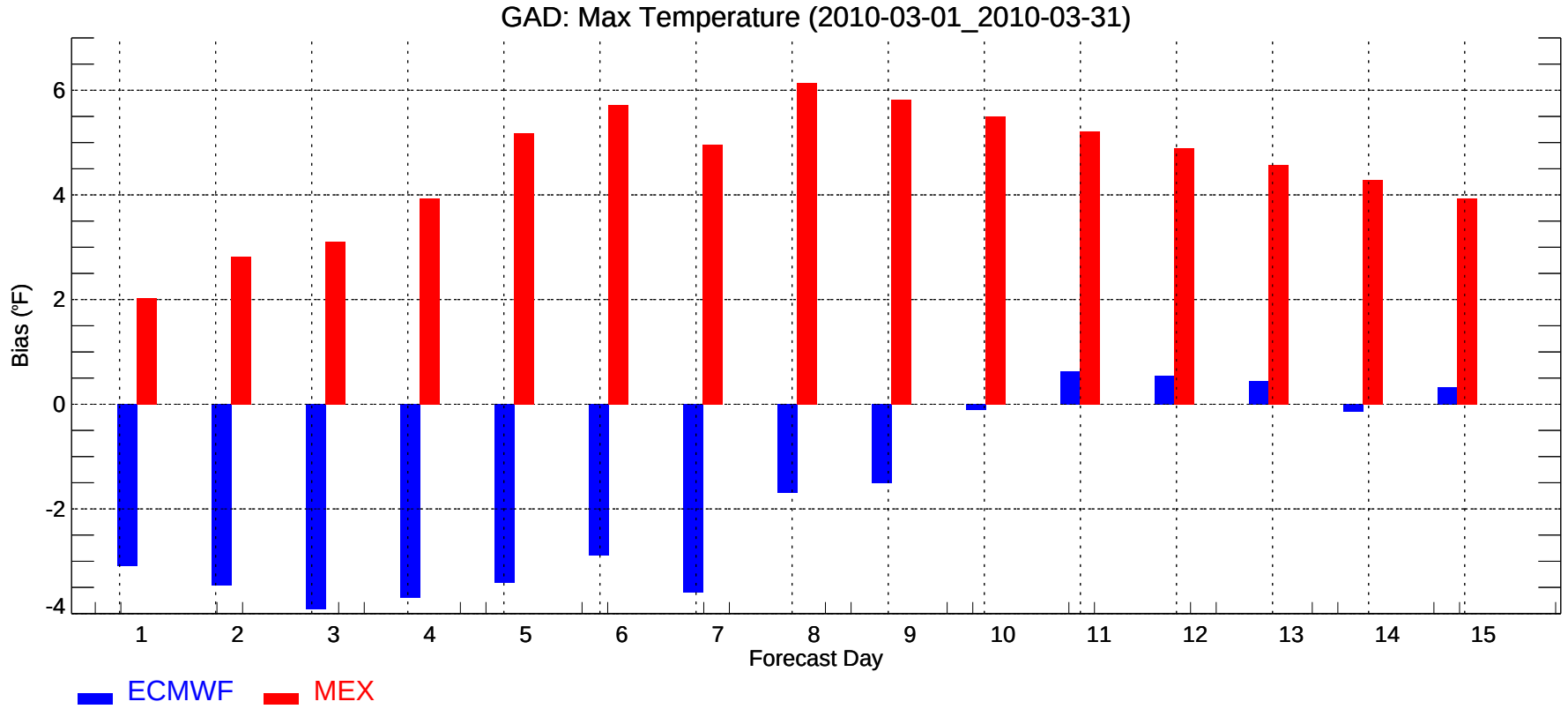

FWA: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

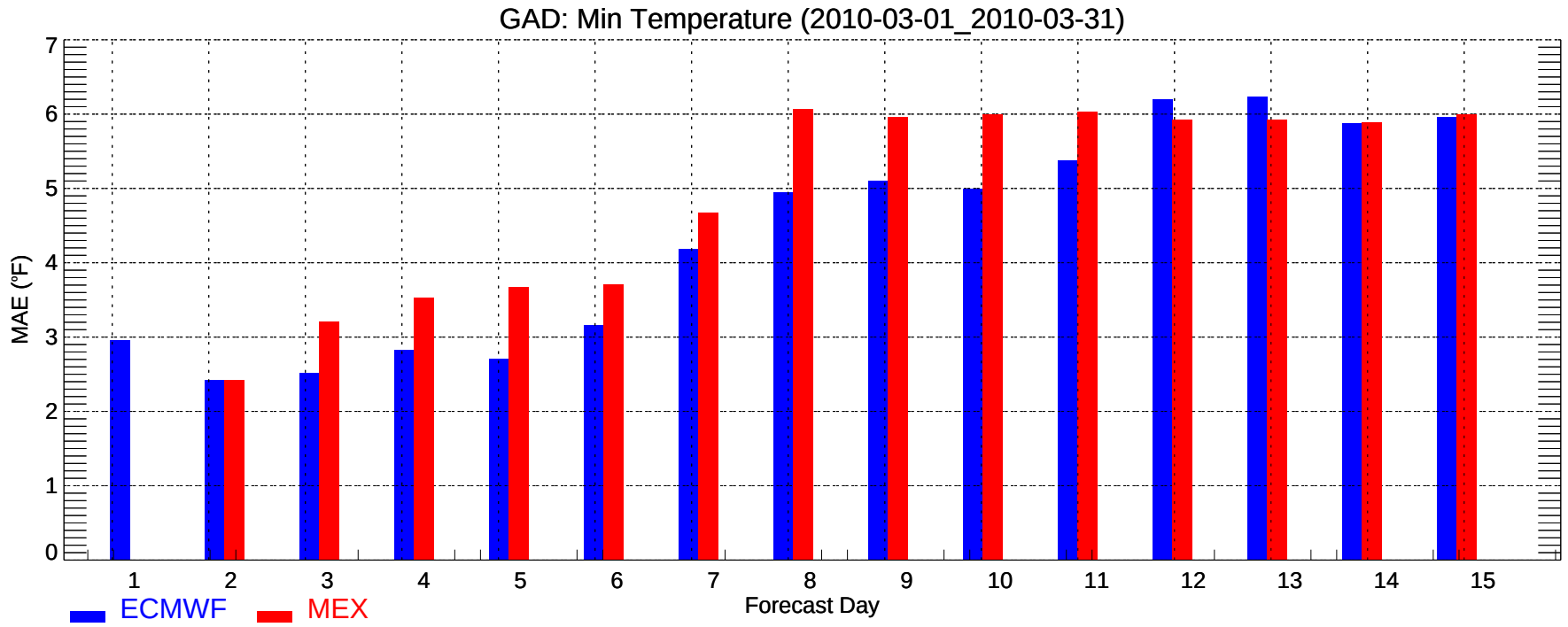

FWA: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

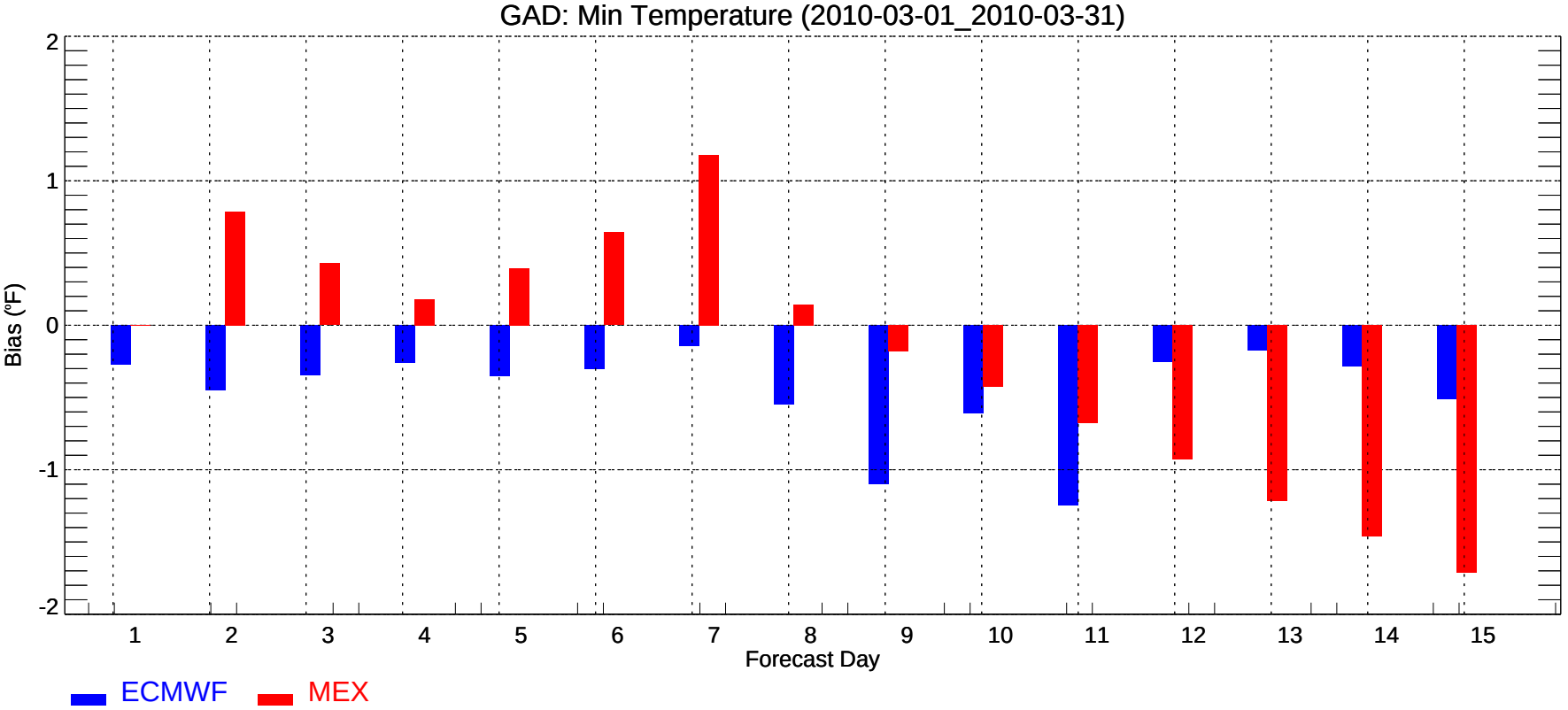

FWA: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
Forecast Day
ECMWF
MEX

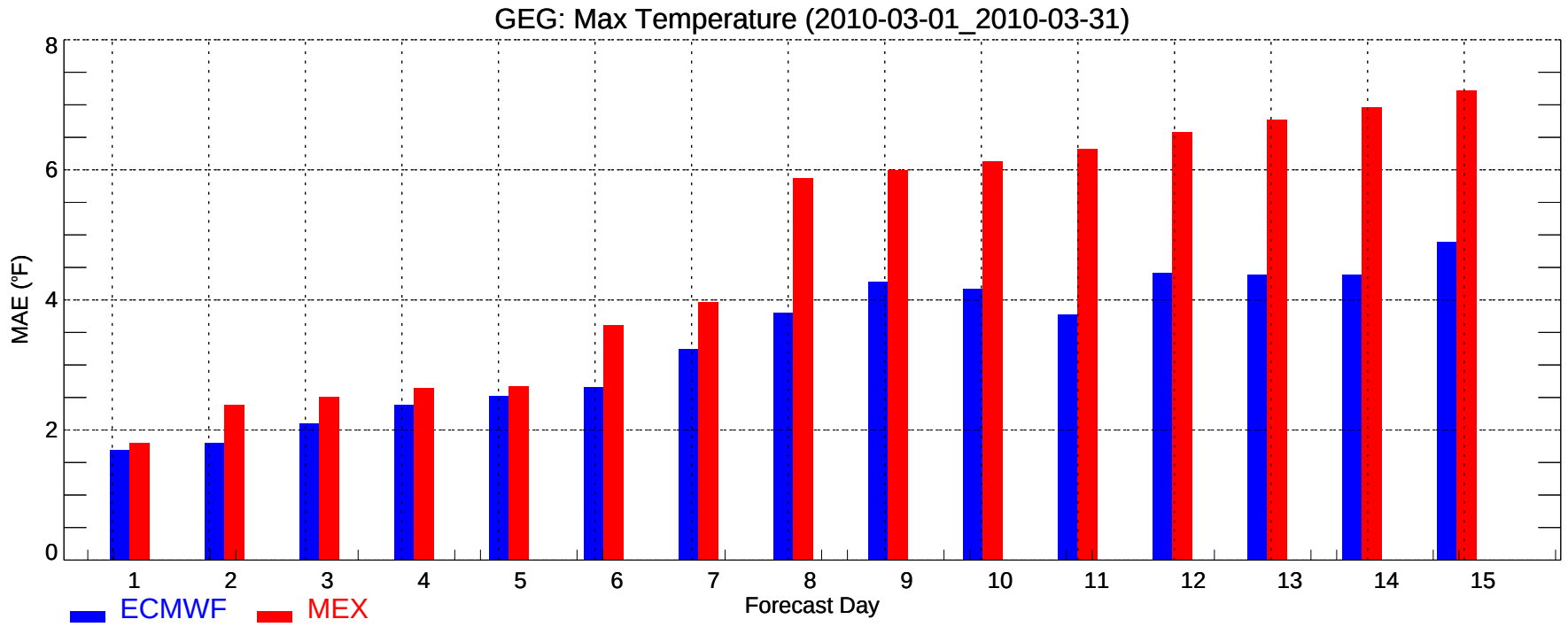

FWA: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
Forecast Day
ECMWF
MEX

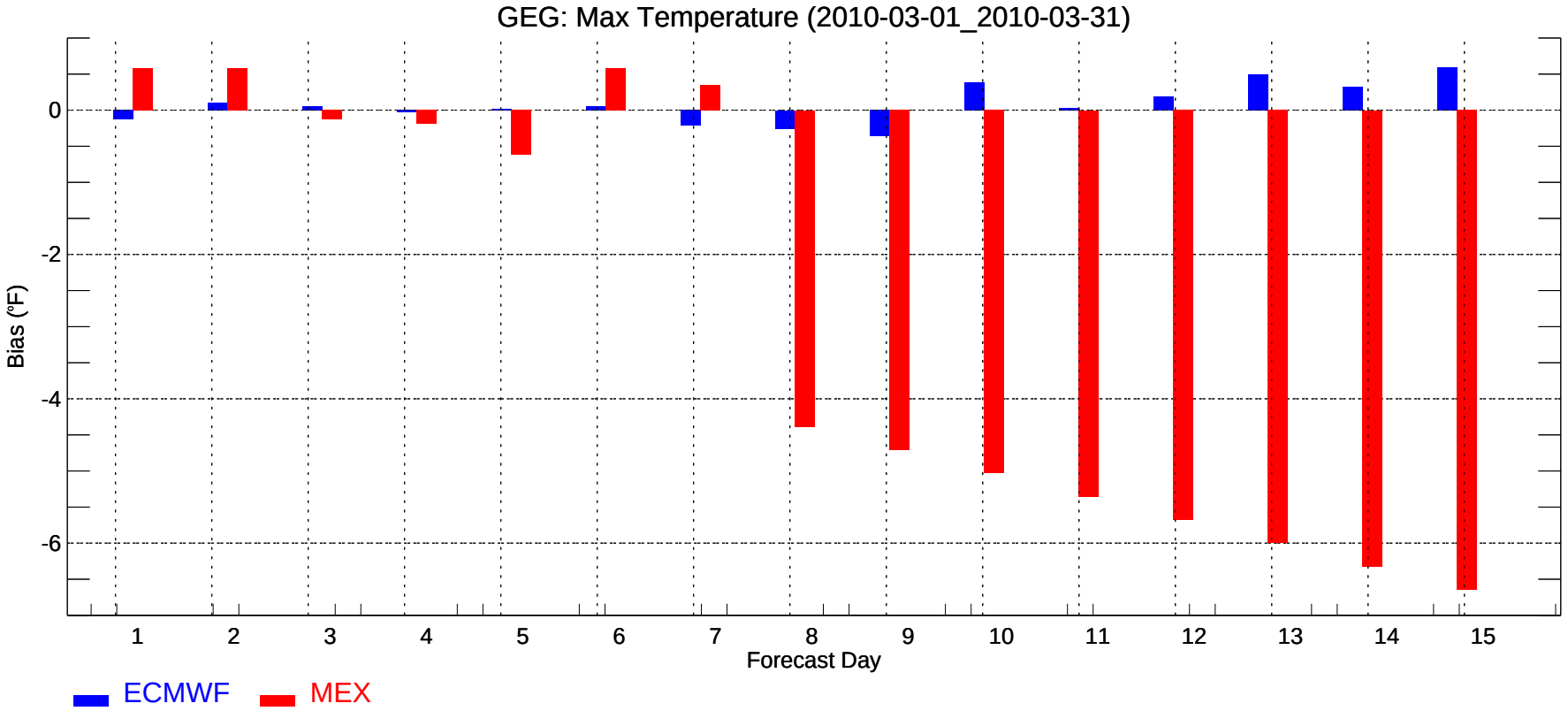

GAD: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
Forecast Day
ECMWF
MEX


GAD: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
Forecast Day
ECMWF
MEX


GAD: Min Temperature (2010-03-01_2010-03-31)
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


GAD: Min Temperature (2010-03-01_2010-03-31)
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


GEG: Max Temperature (2010-03-01_2010-03-31)
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: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
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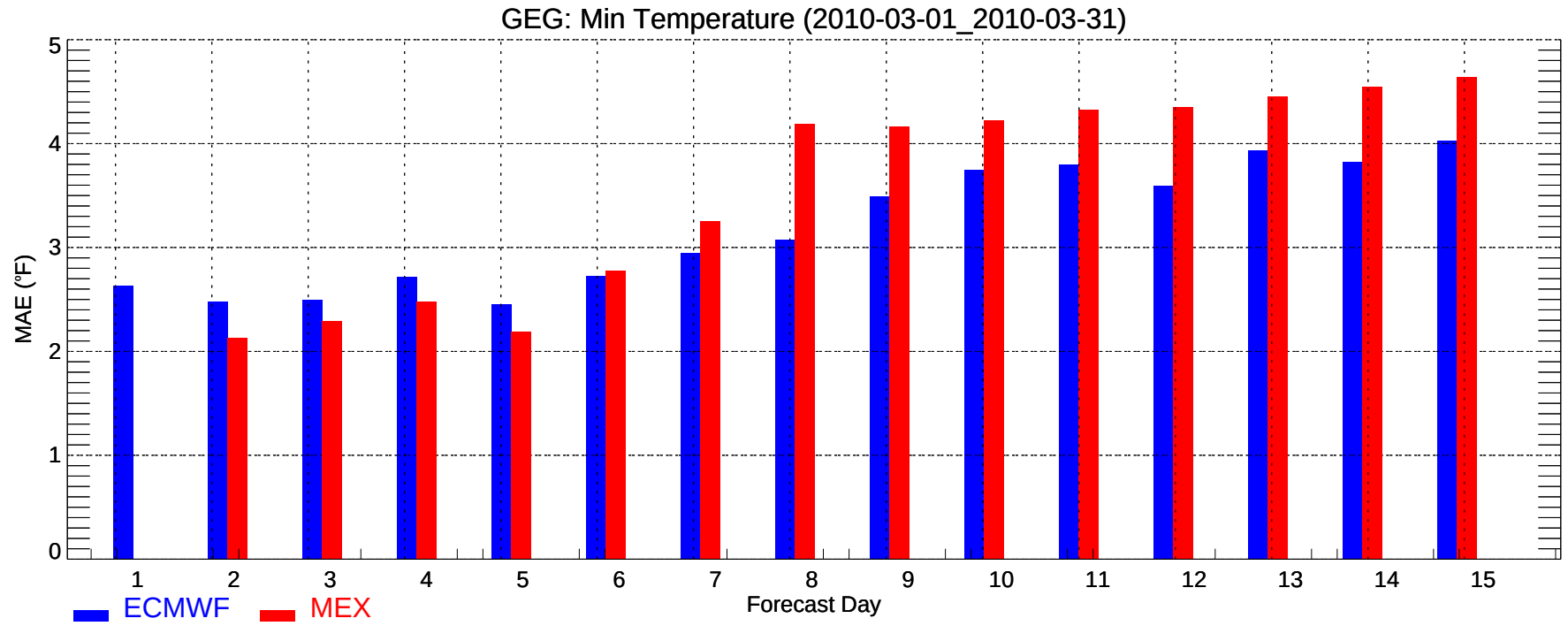
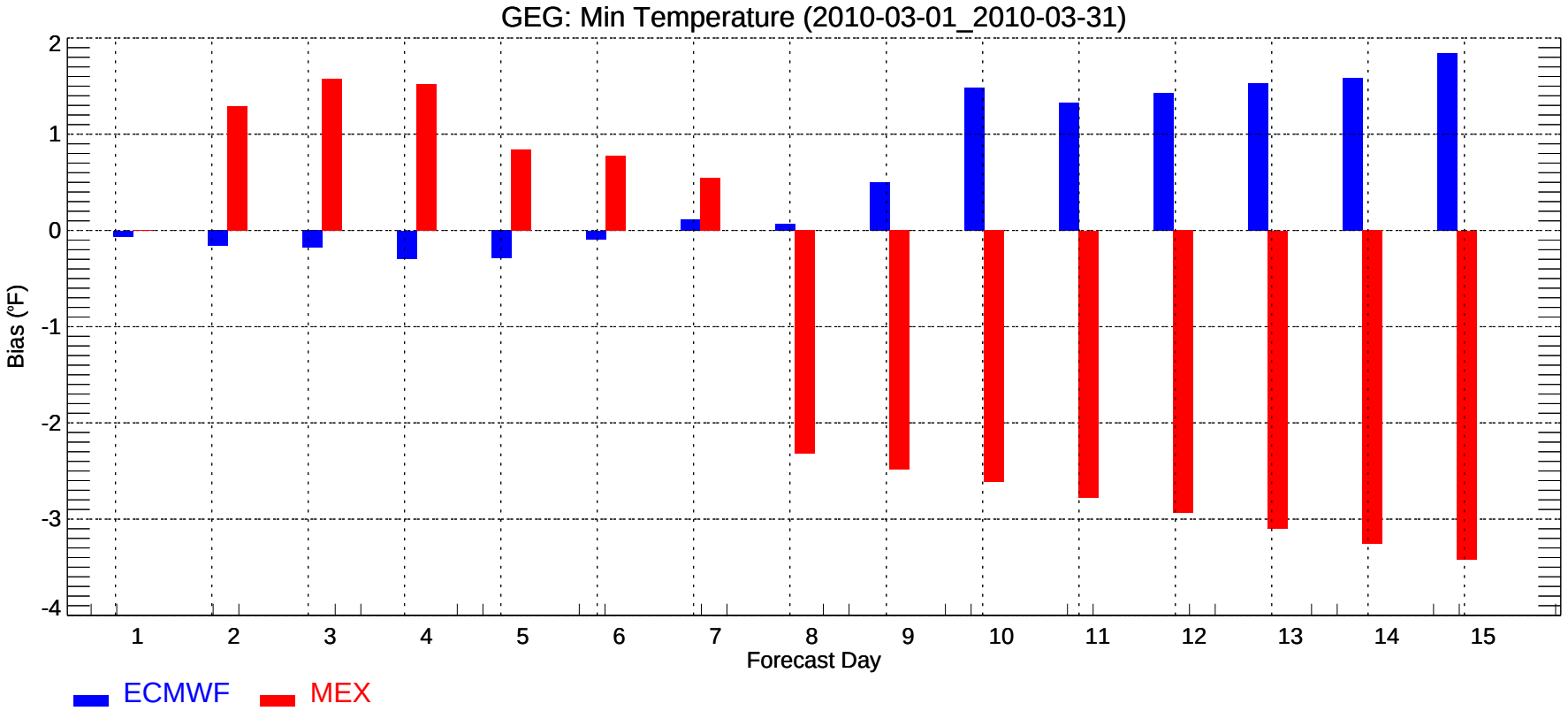
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


GEG: Min Temperature (2010-03-01_2010-03-31)
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


GEG: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
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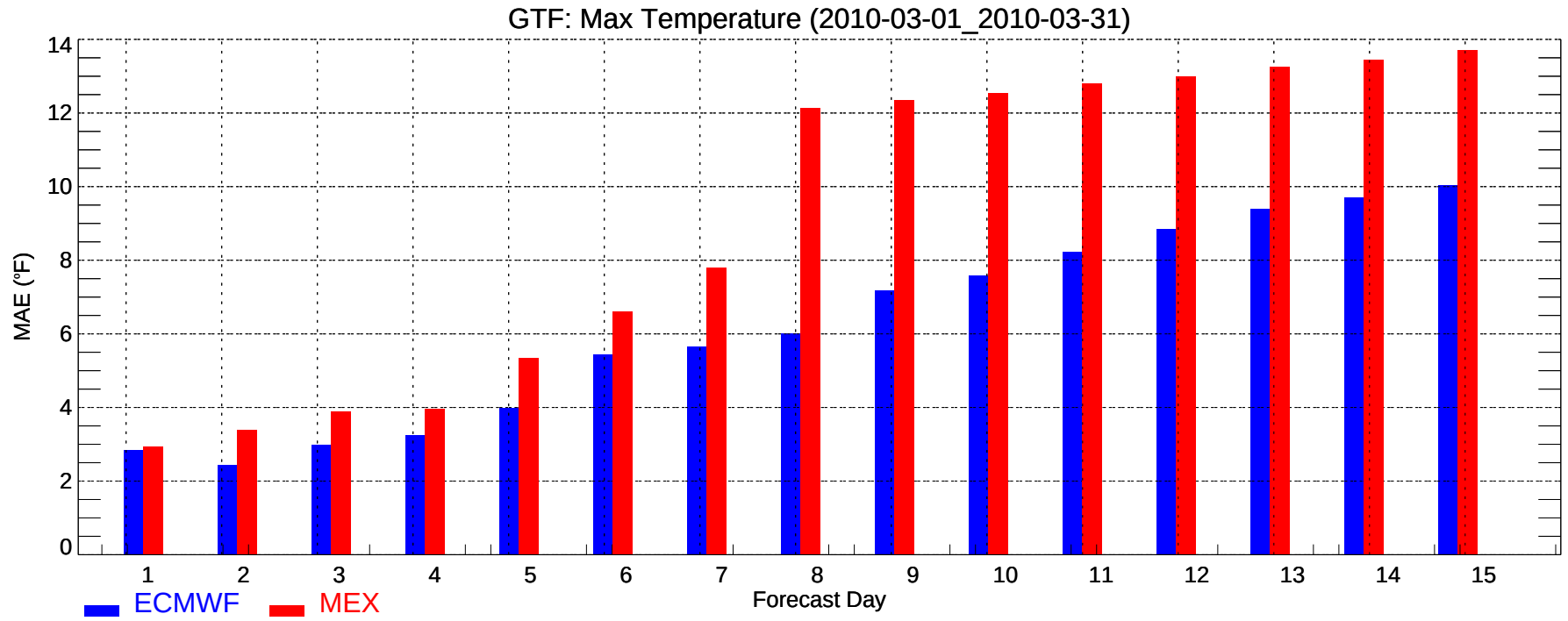
11
12
13
14
15
Forecast Day
ECMWF
MEX


GTF: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
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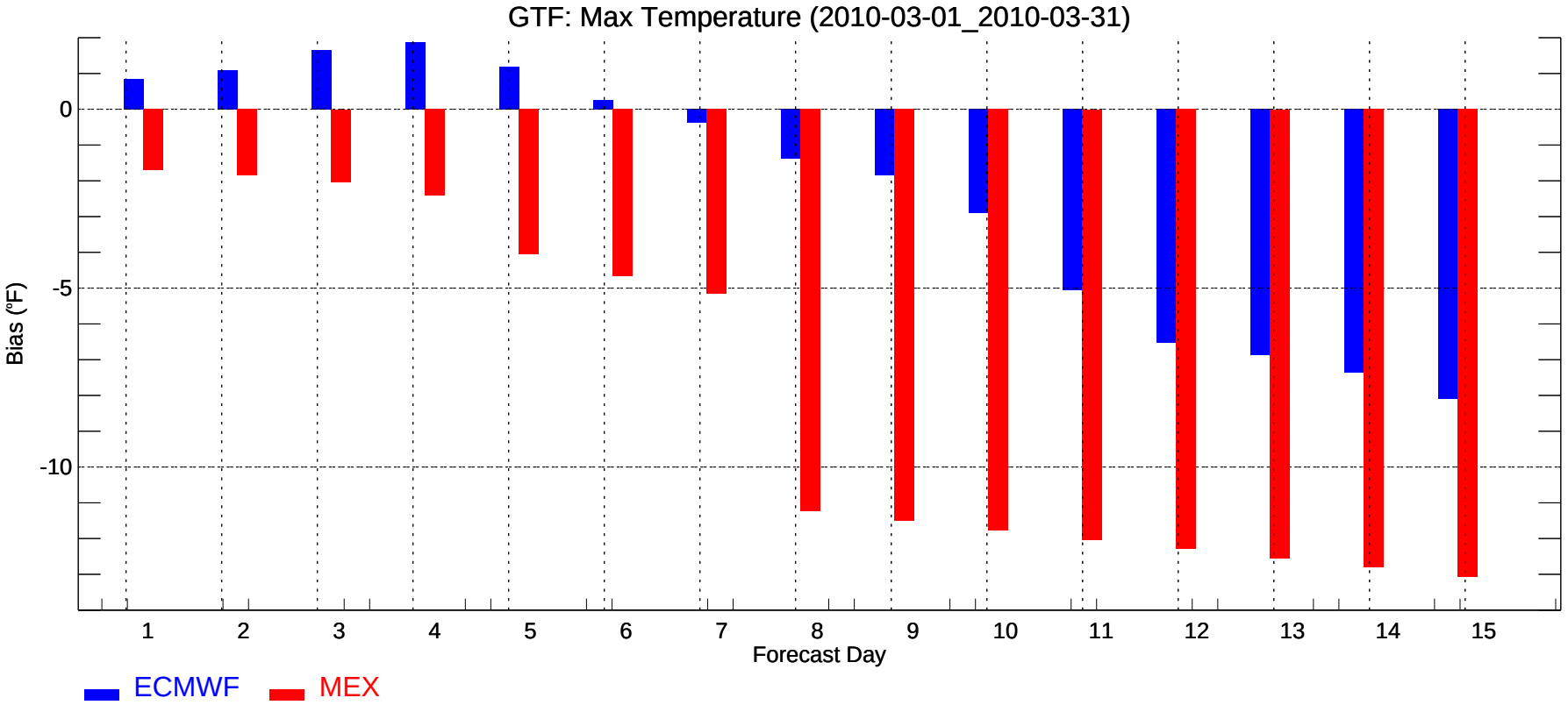
11
12
13
14
15
Forecast Day
ECMWF
MEX


GTF: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
1
2
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4
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6
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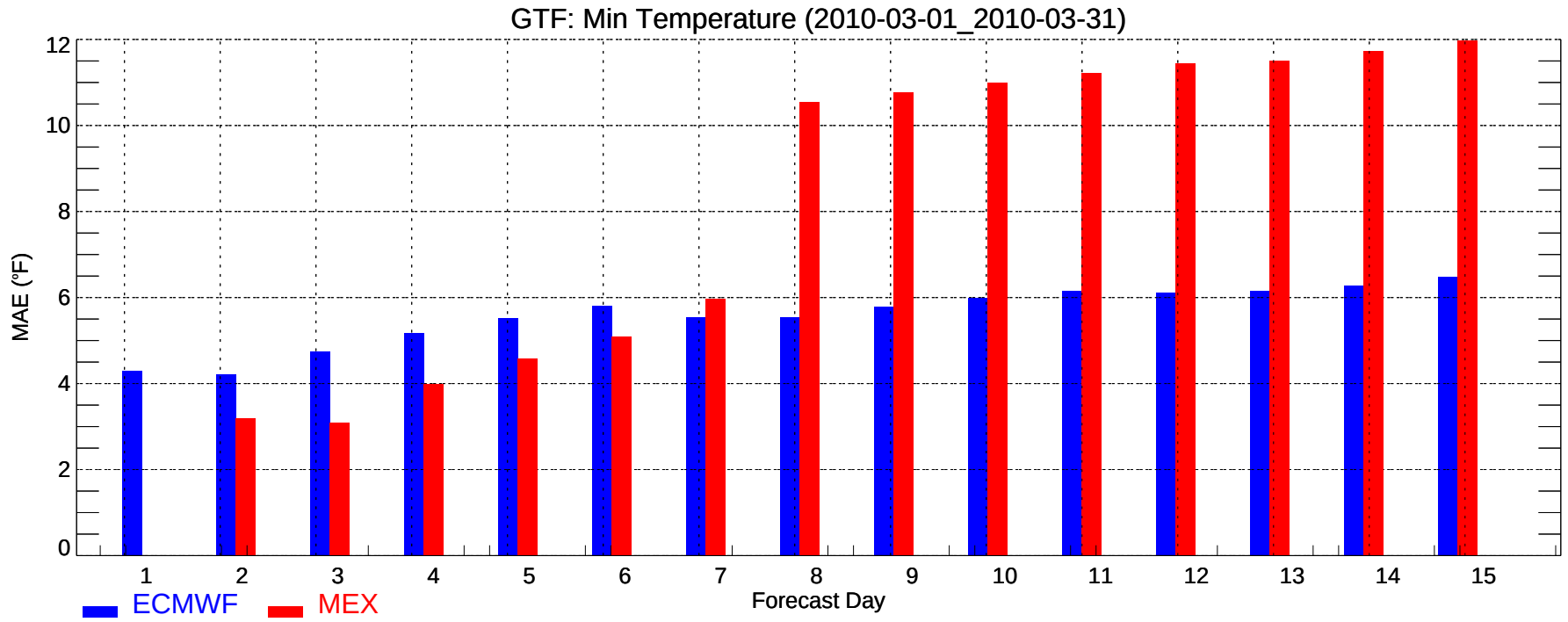
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


GTF: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
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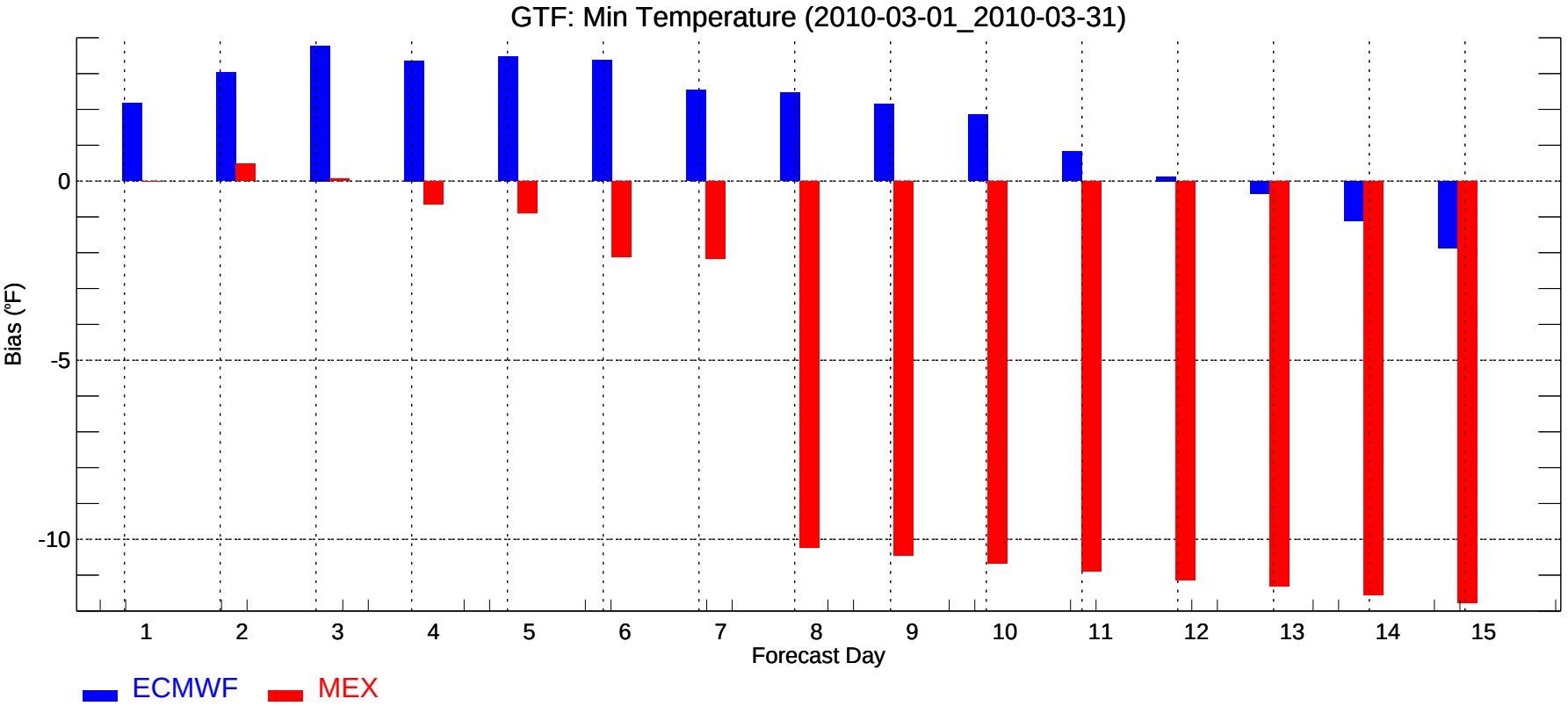
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


GTF: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
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11
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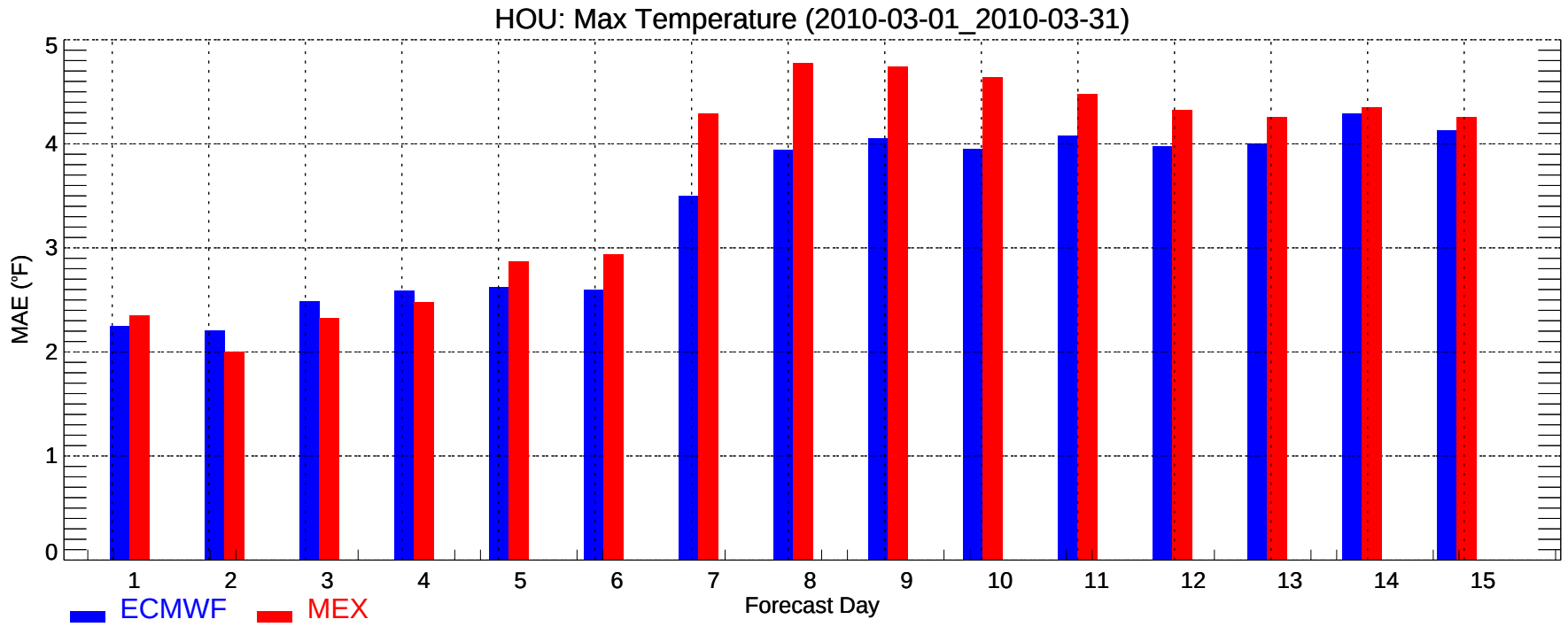
14
15
Forecast Day
ECMWF
MEX


HOU: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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1
2
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4
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6
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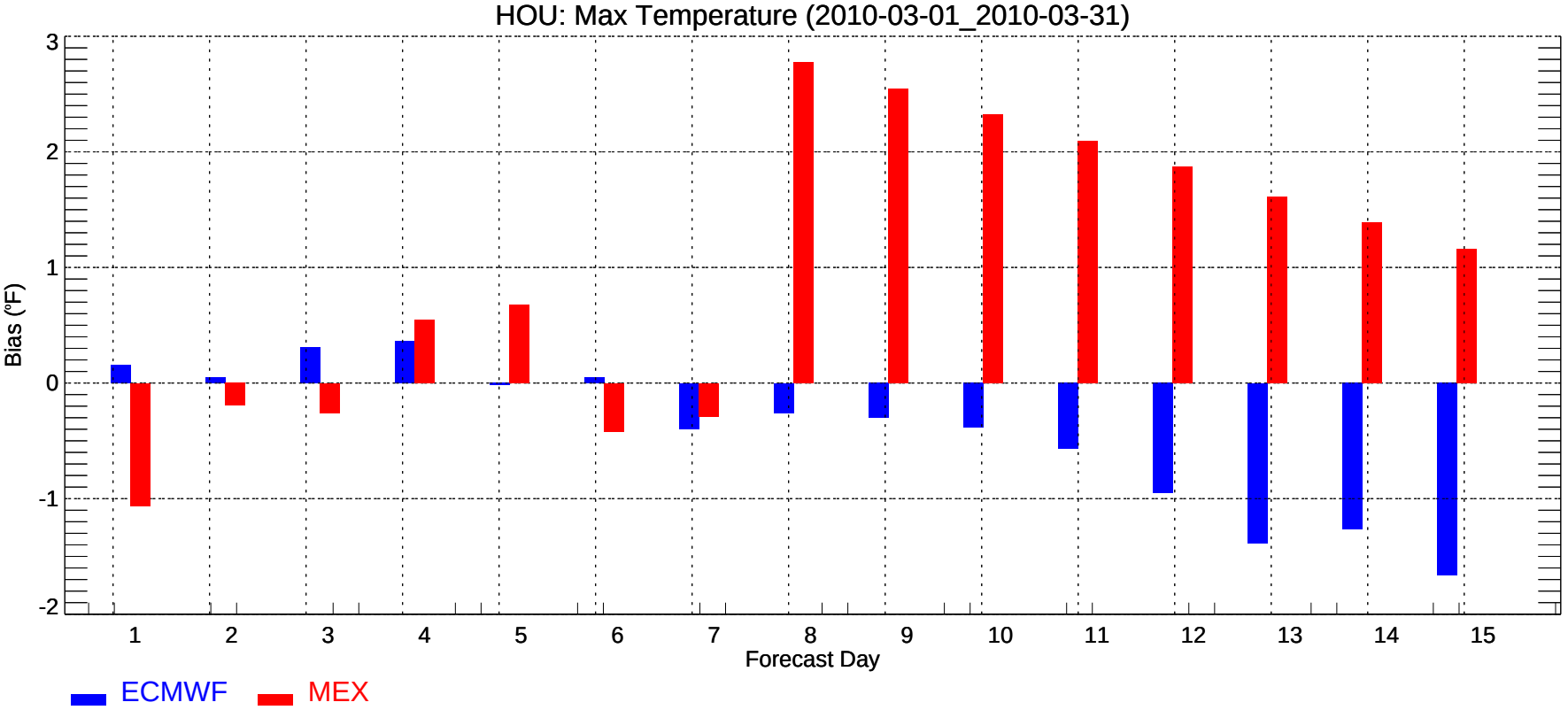
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


HOU: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
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2
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6
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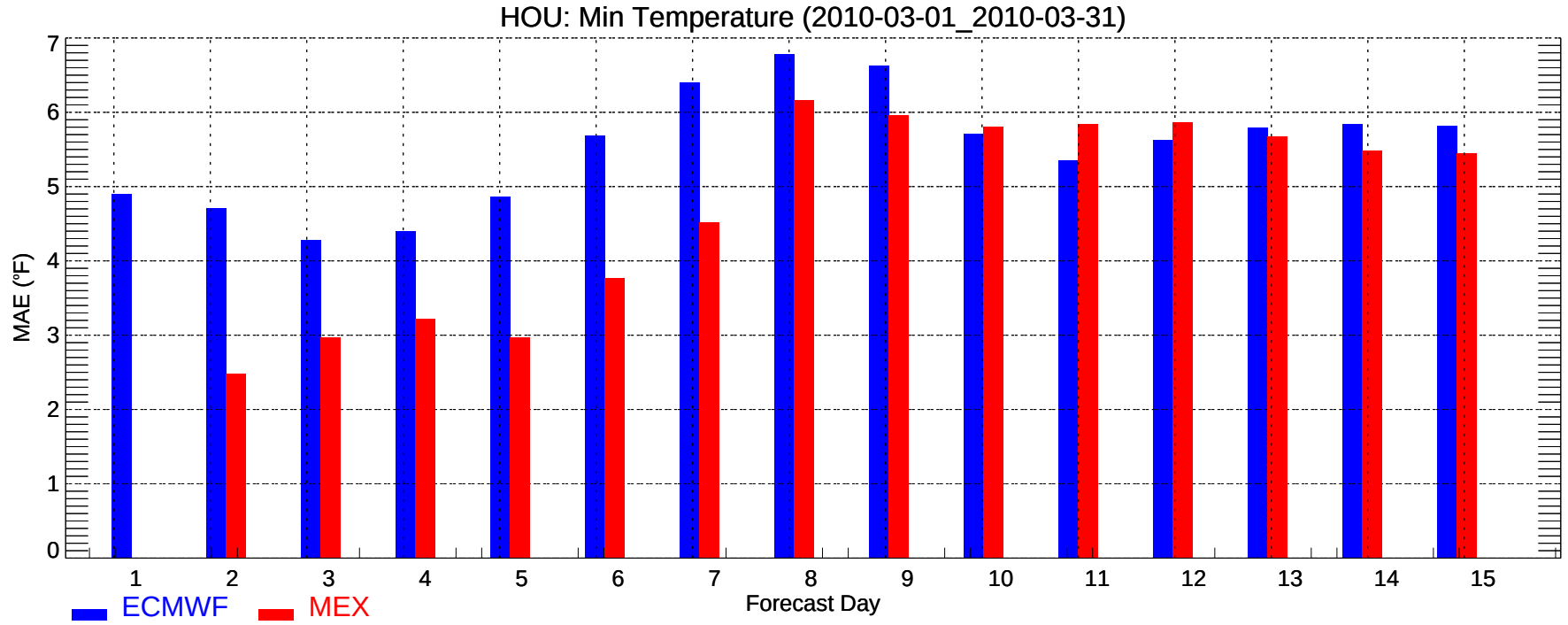
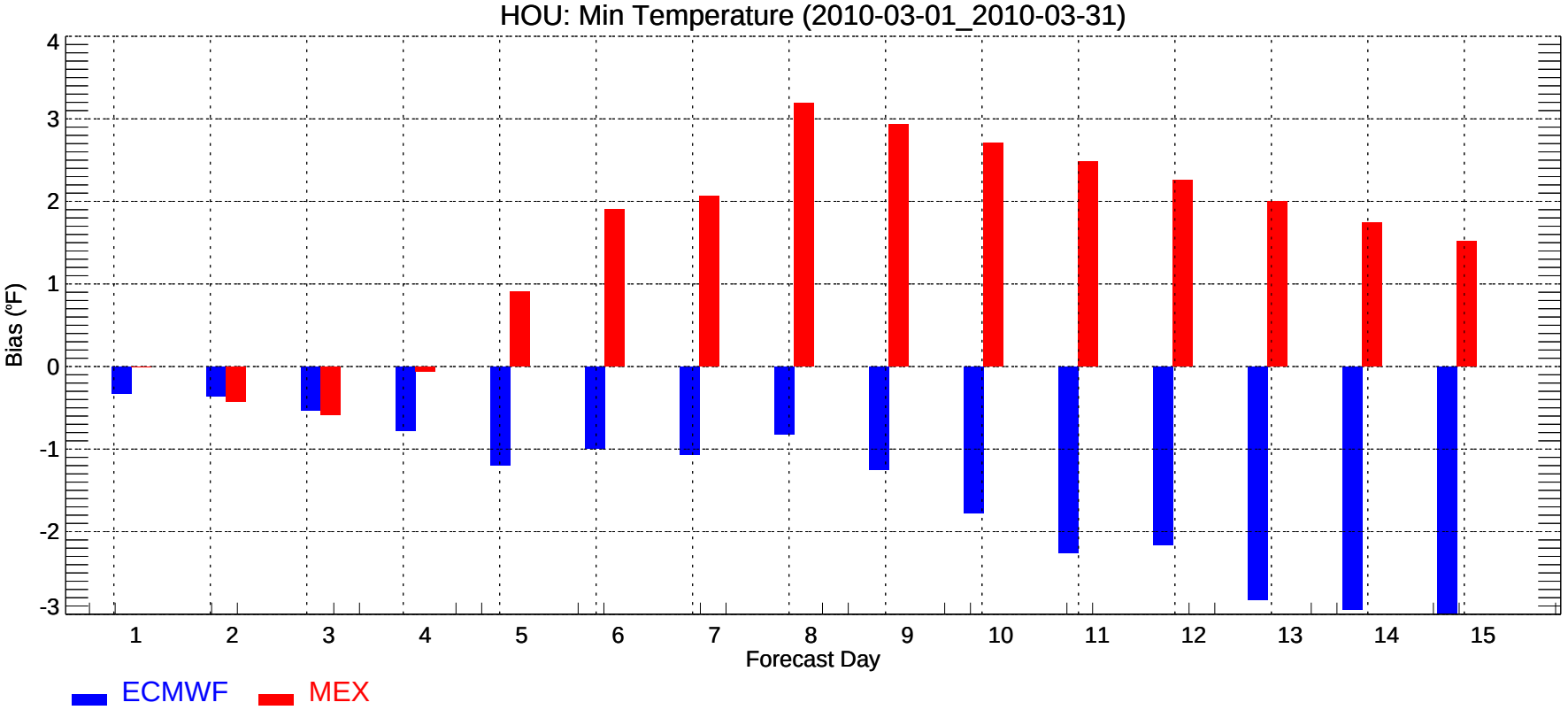
12
13
14
15
Forecast Day
ECMWF
MEX


HOU: Min Temperature (2010-03-01_2010-03-31)
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


HOU: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
3
4
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2
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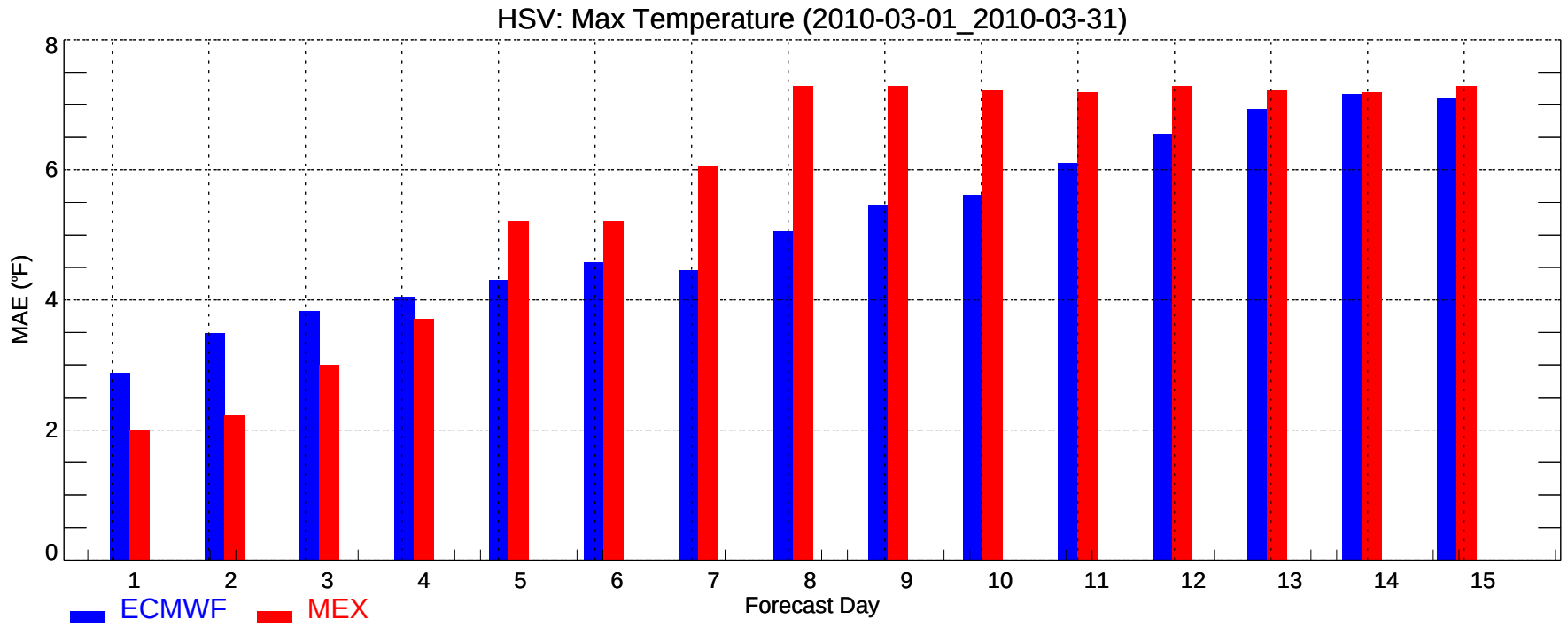
Forecast Day
ECMWF
MEX


HSV: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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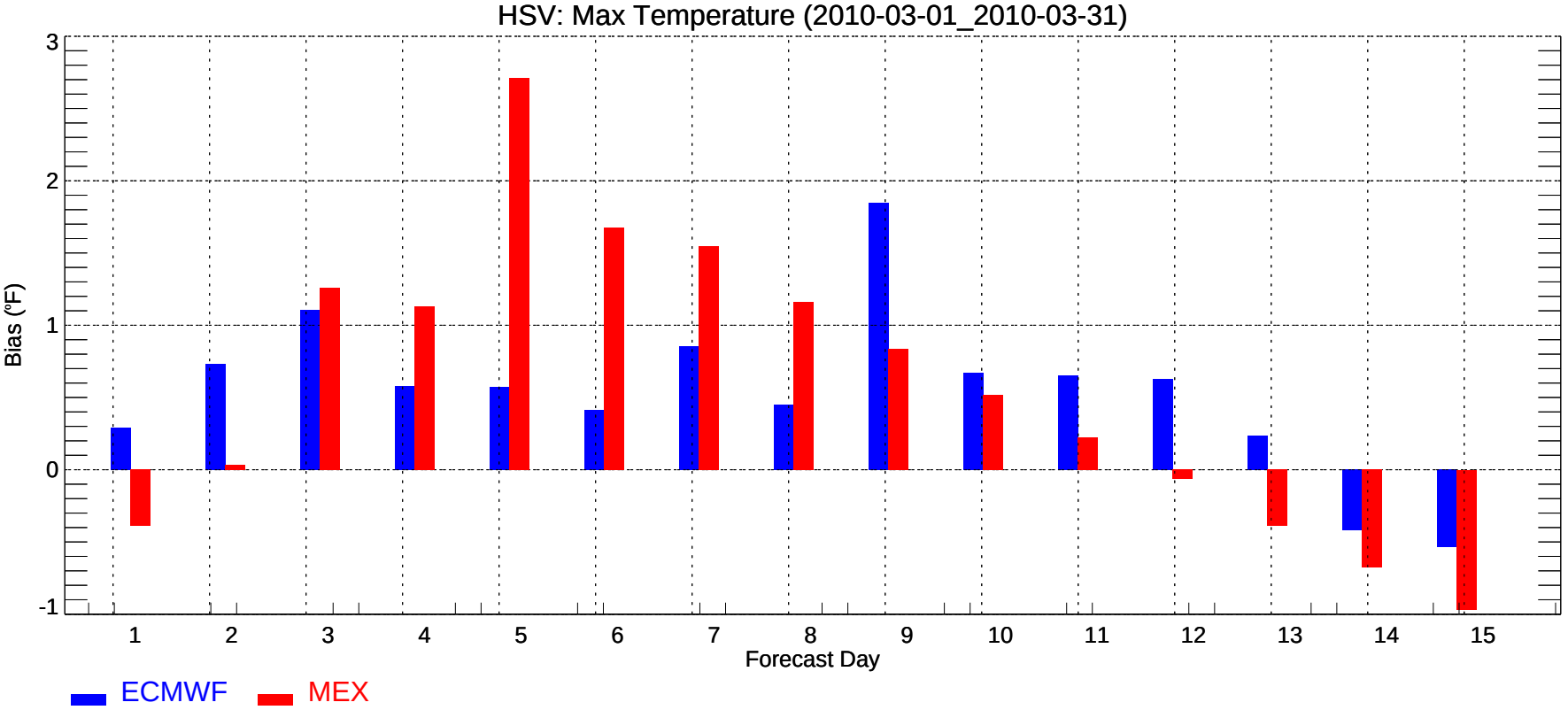
12
13
14
15
Forecast Day
ECMWF
MEX


HSV: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
1
2
3
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5
6
7
8
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10
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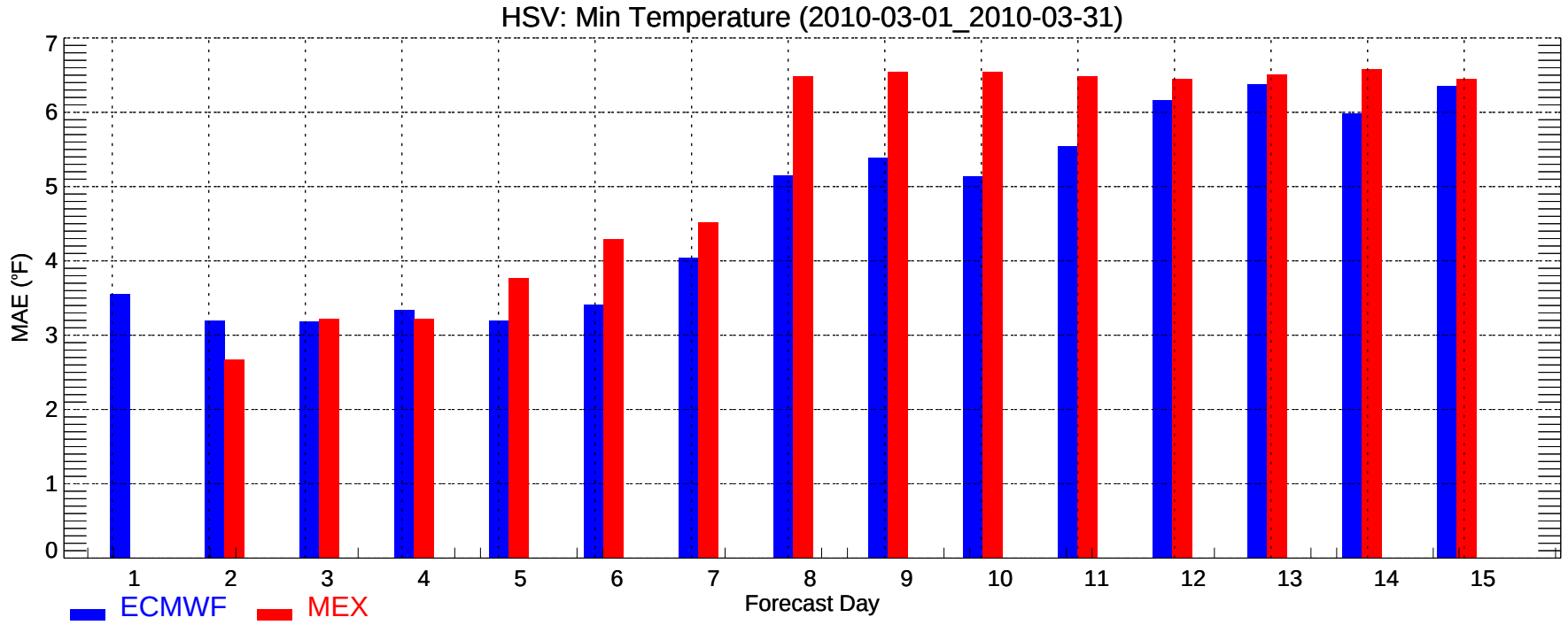
13
14
15
Forecast Day
ECMWF
MEX


HSV: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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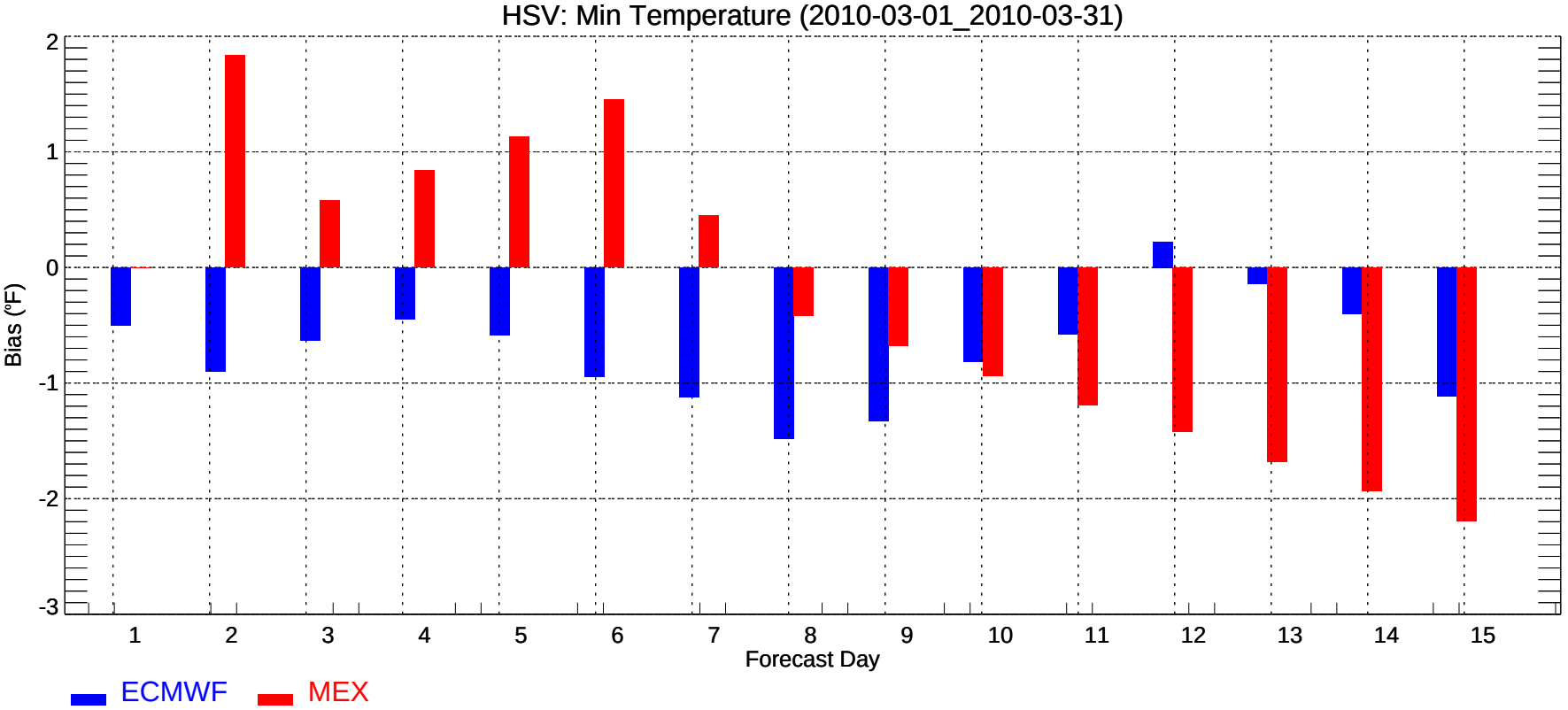
Forecast Day
ECMWF
MEX


HSV: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
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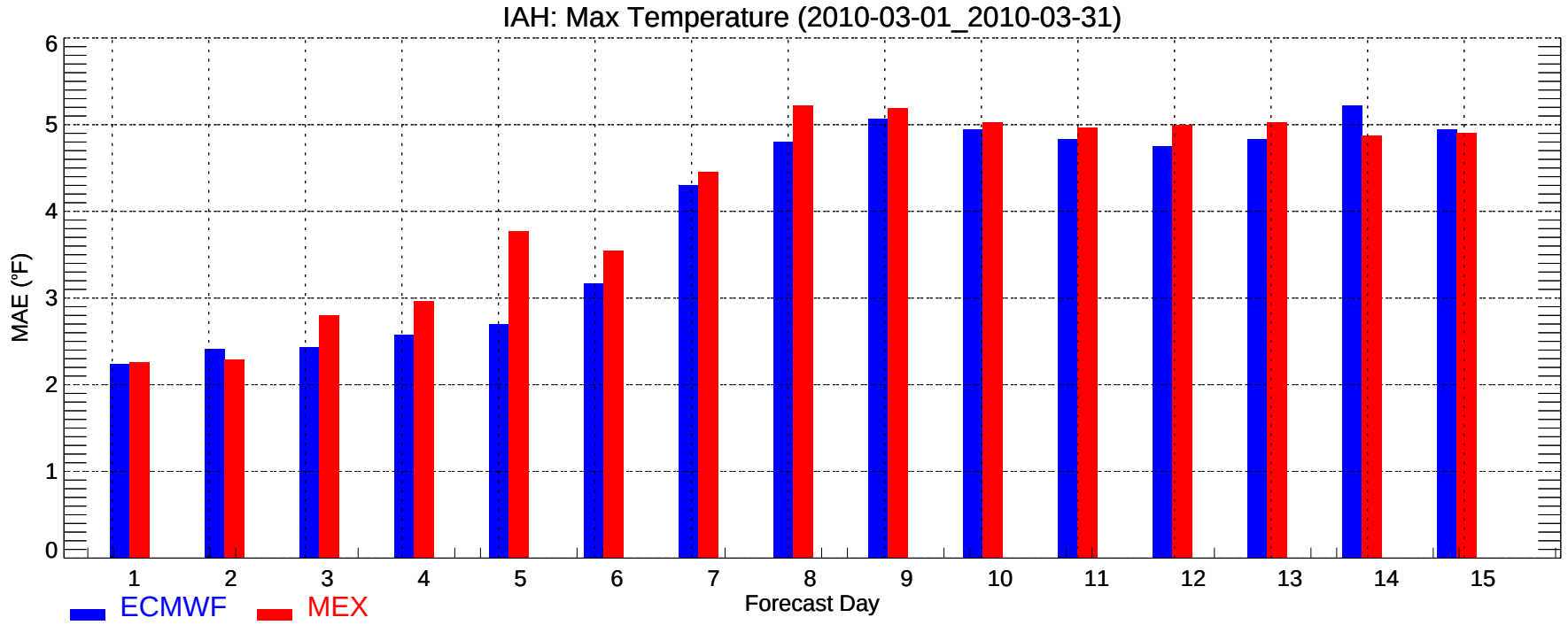
14
15
Forecast Day
ECMWF
MEX


IAH: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
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1
2
3
4
5
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13
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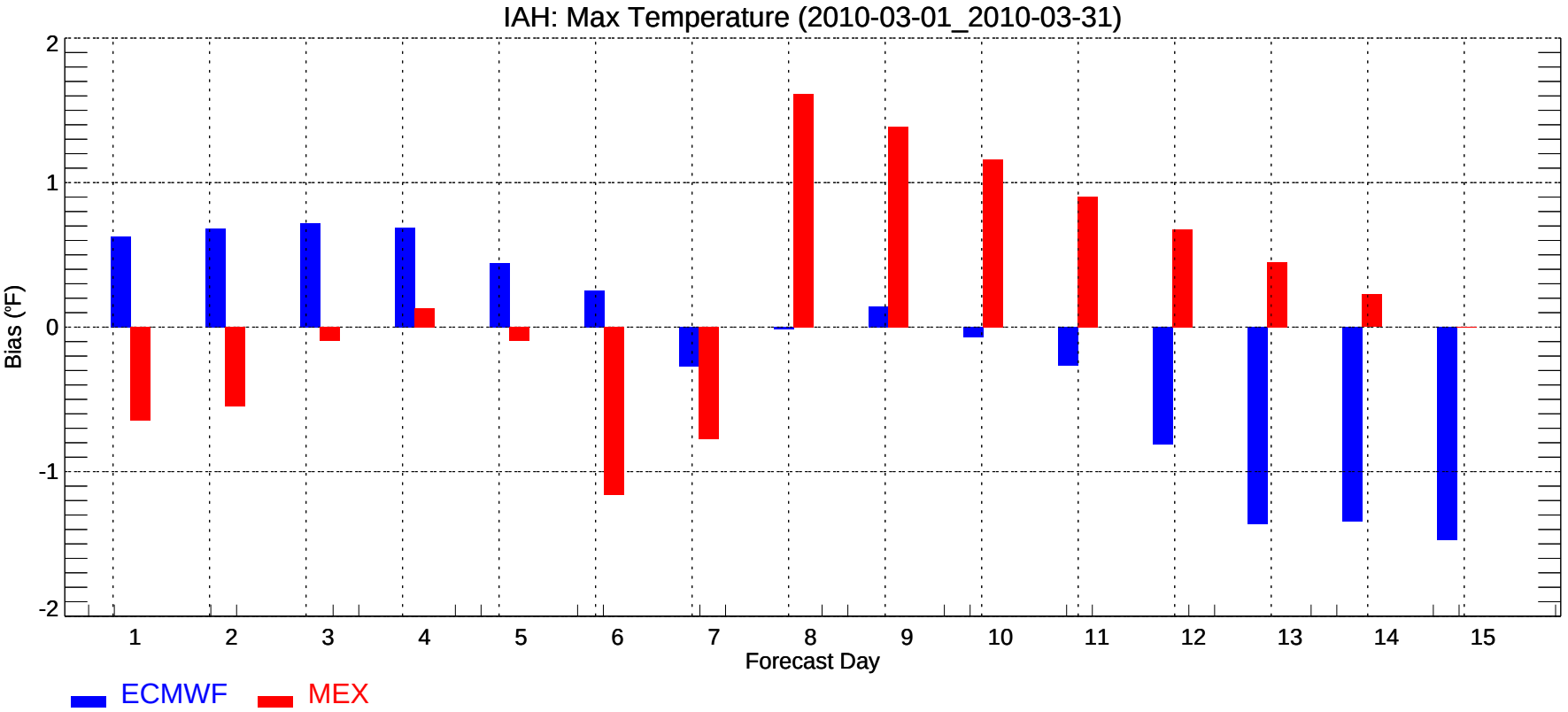
15
Forecast Day
ECMWF
MEX


IAH: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
1
2
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13
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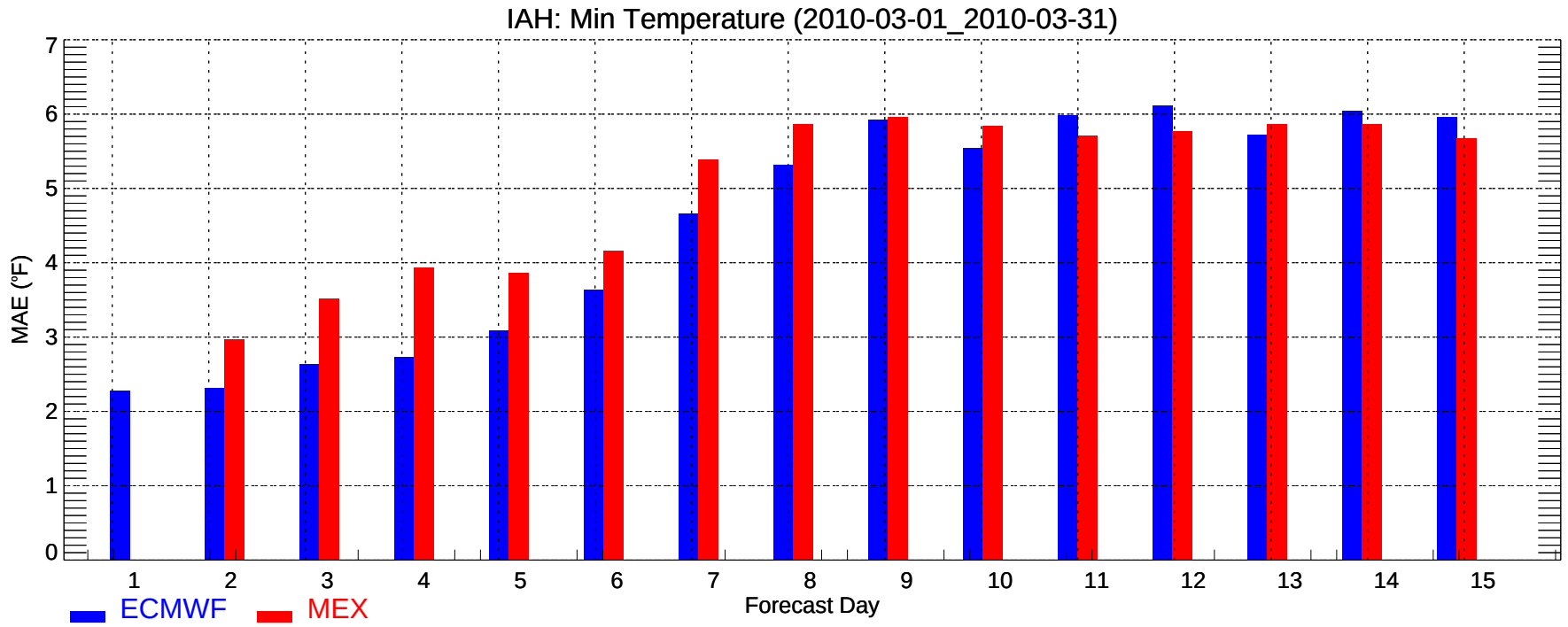
Forecast Day
ECMWF
MEX


IAH: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
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2
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6
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8
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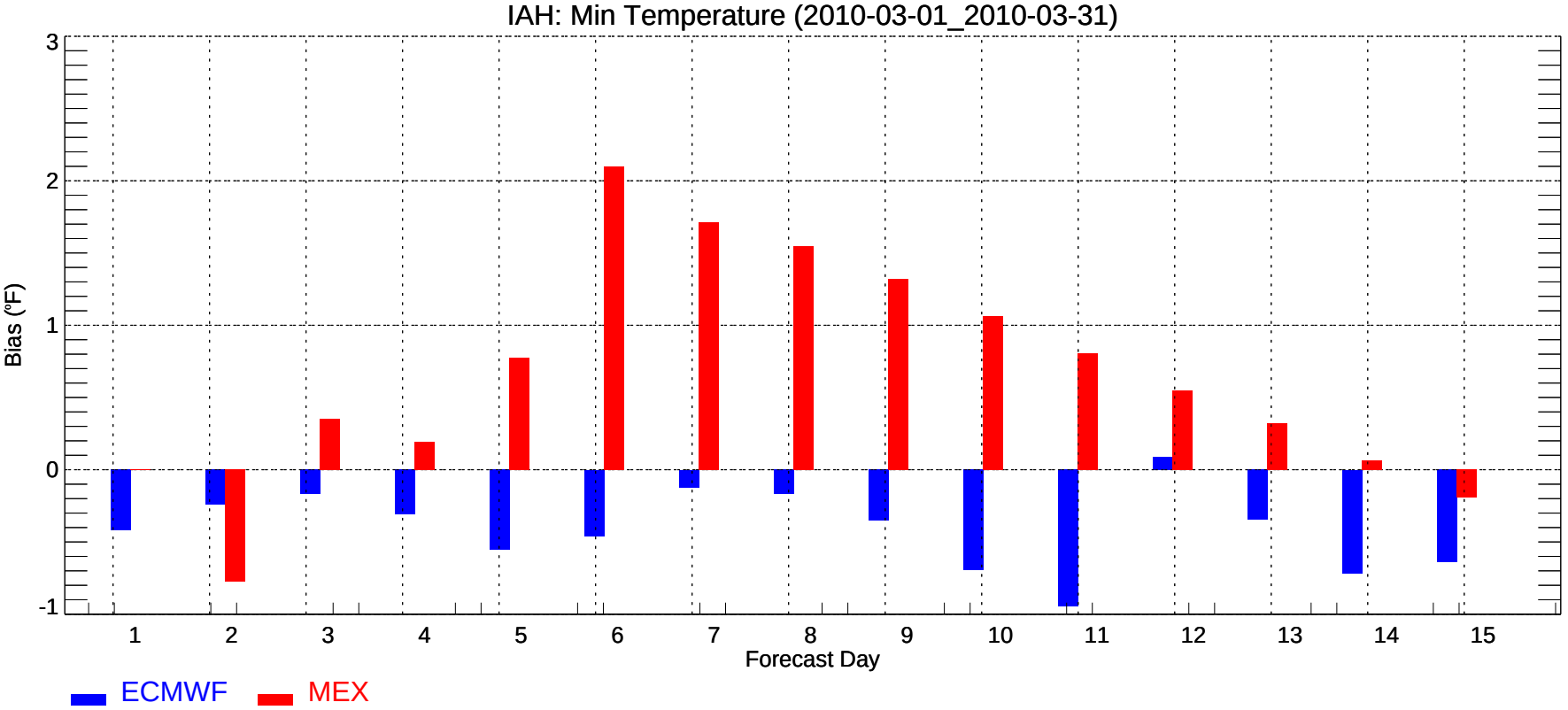
13
14
15
Forecast Day
ECMWF
MEX


IAH: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
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13
14
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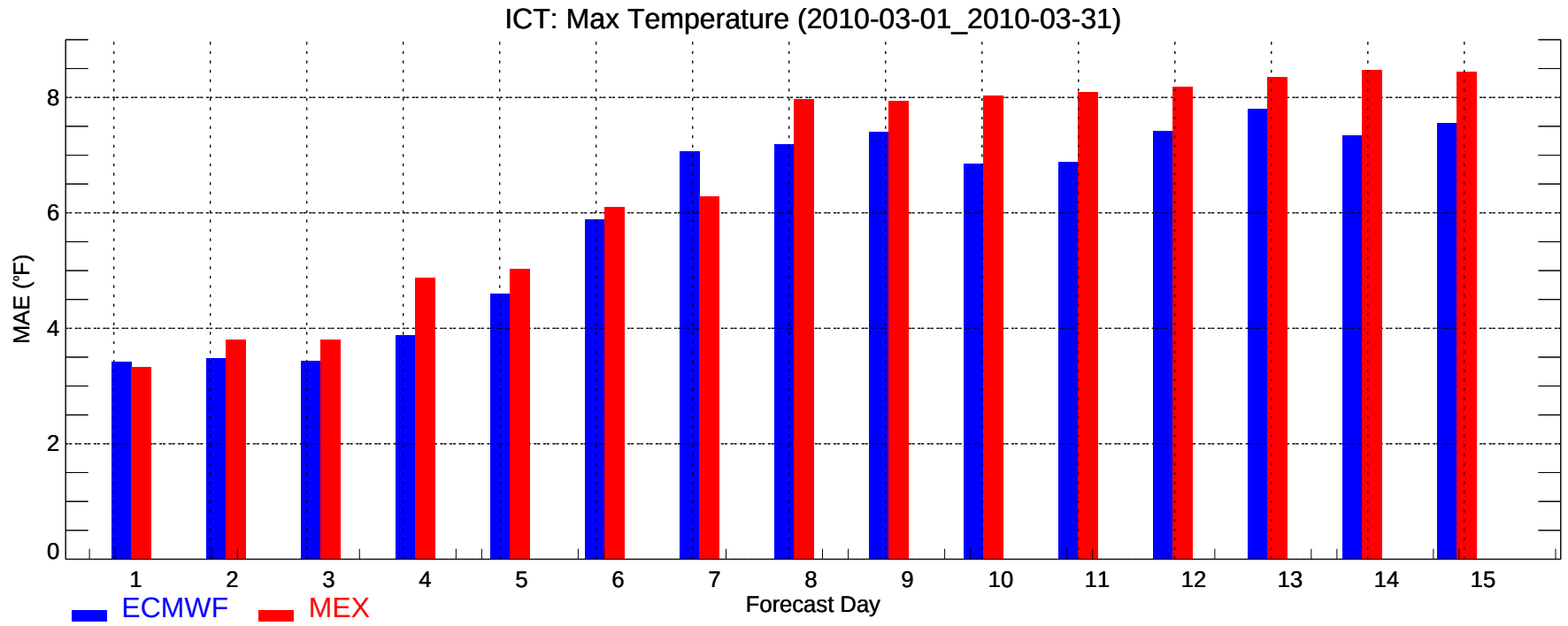
Forecast Day
ECMWF
MEX


ICT: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
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2
3
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6
7
8
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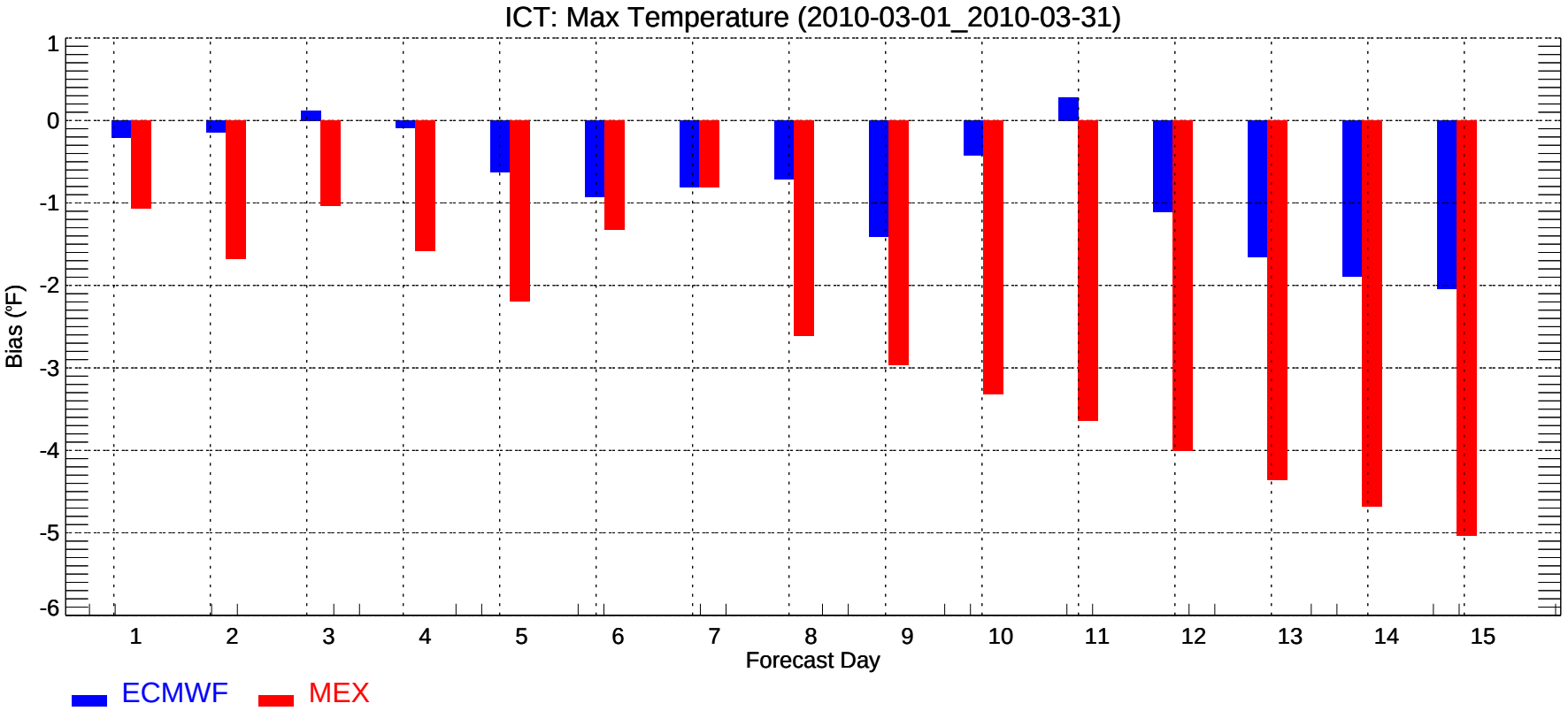
13
14
15
Forecast Day
ECMWF
MEX


ICT: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
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14
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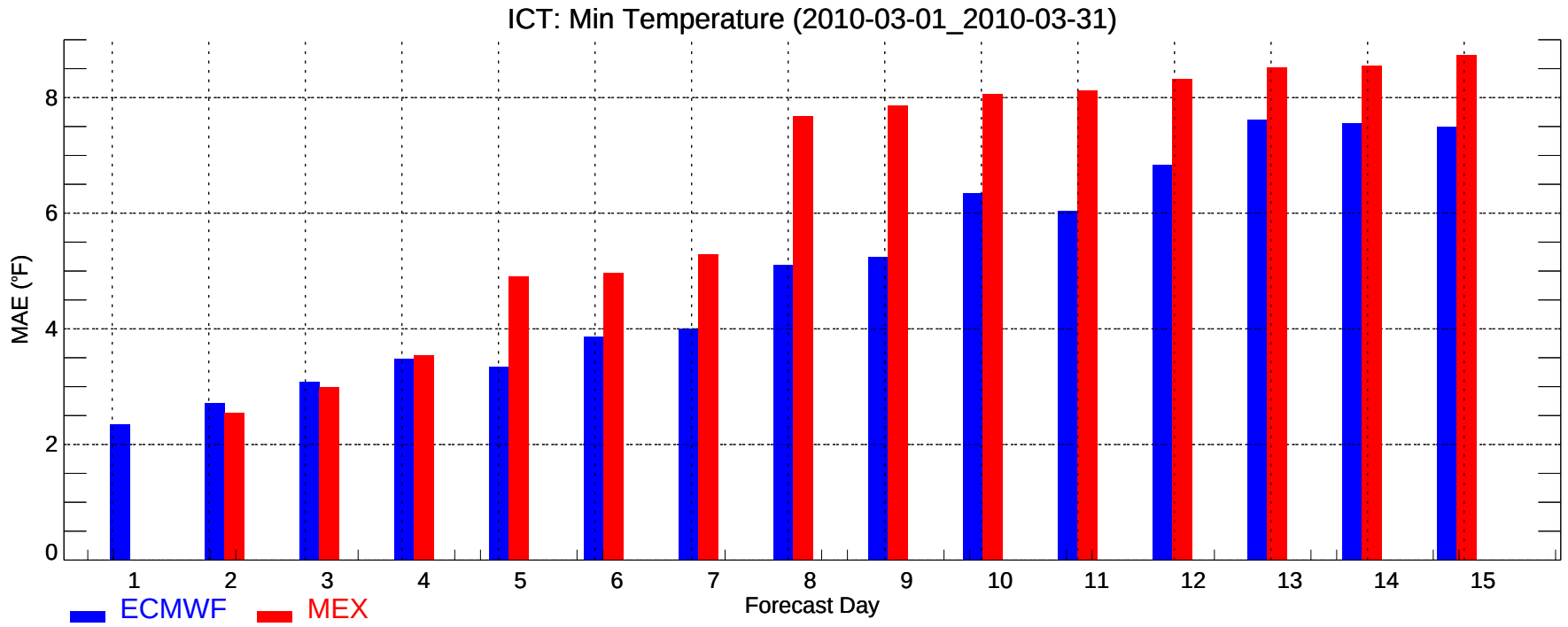
Forecast Day
ECMWF
MEX


ICT: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
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13
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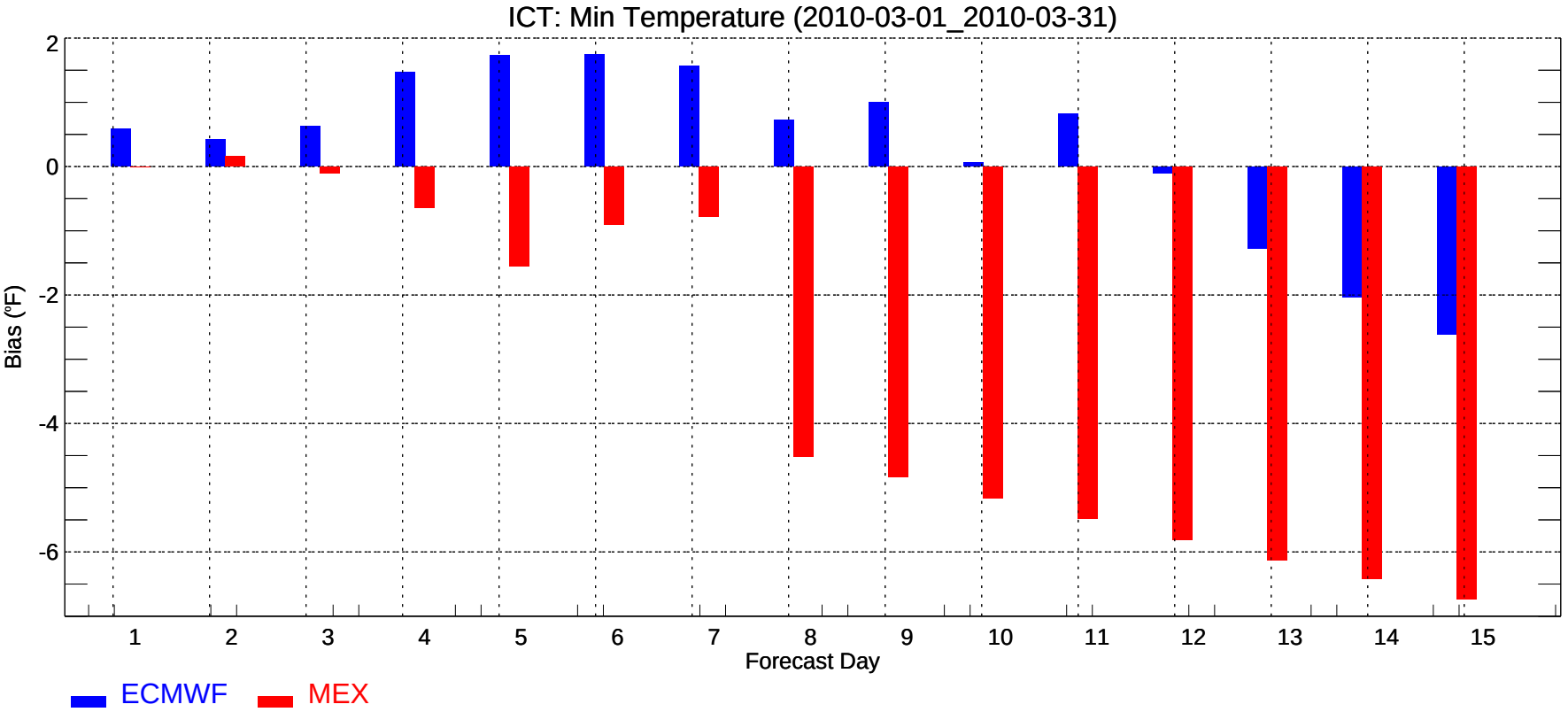
Forecast Day
ECMWF
MEX


ICT: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
1
2
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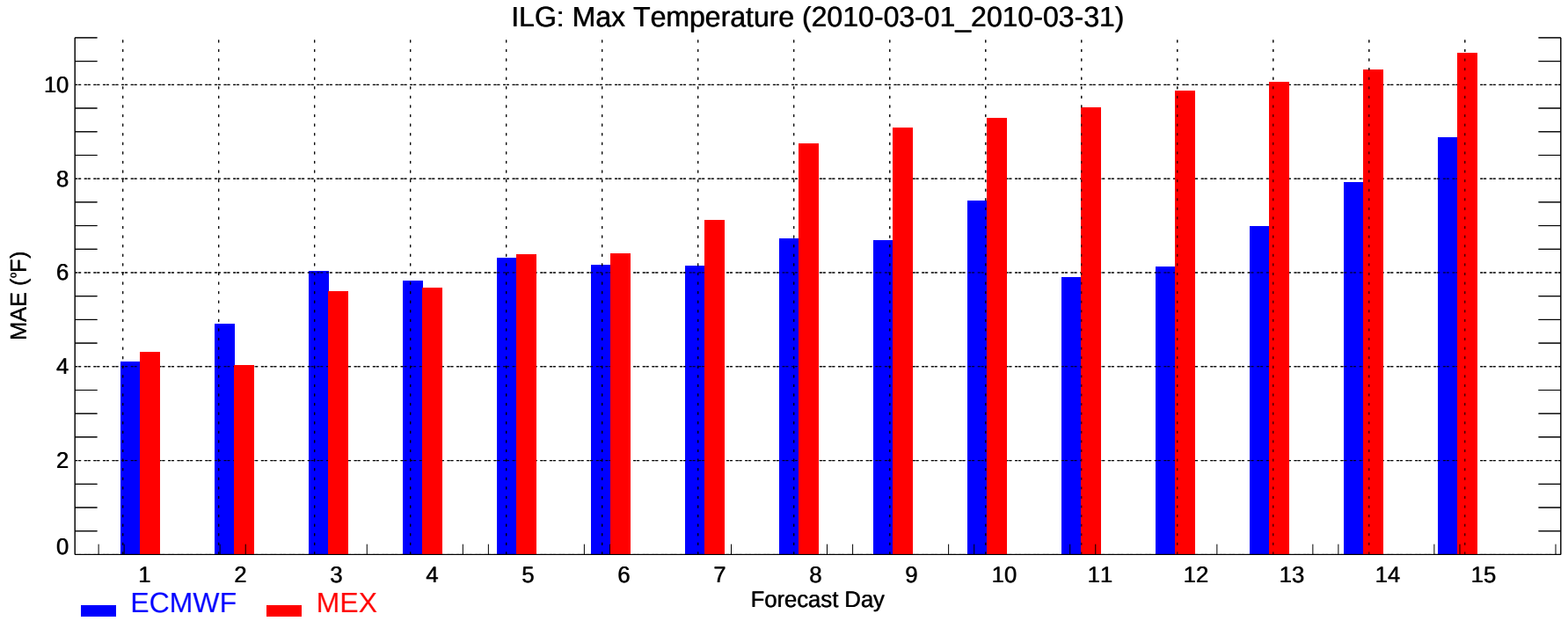
Forecast Day
ECMWF
MEX


ILG: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
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2
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8
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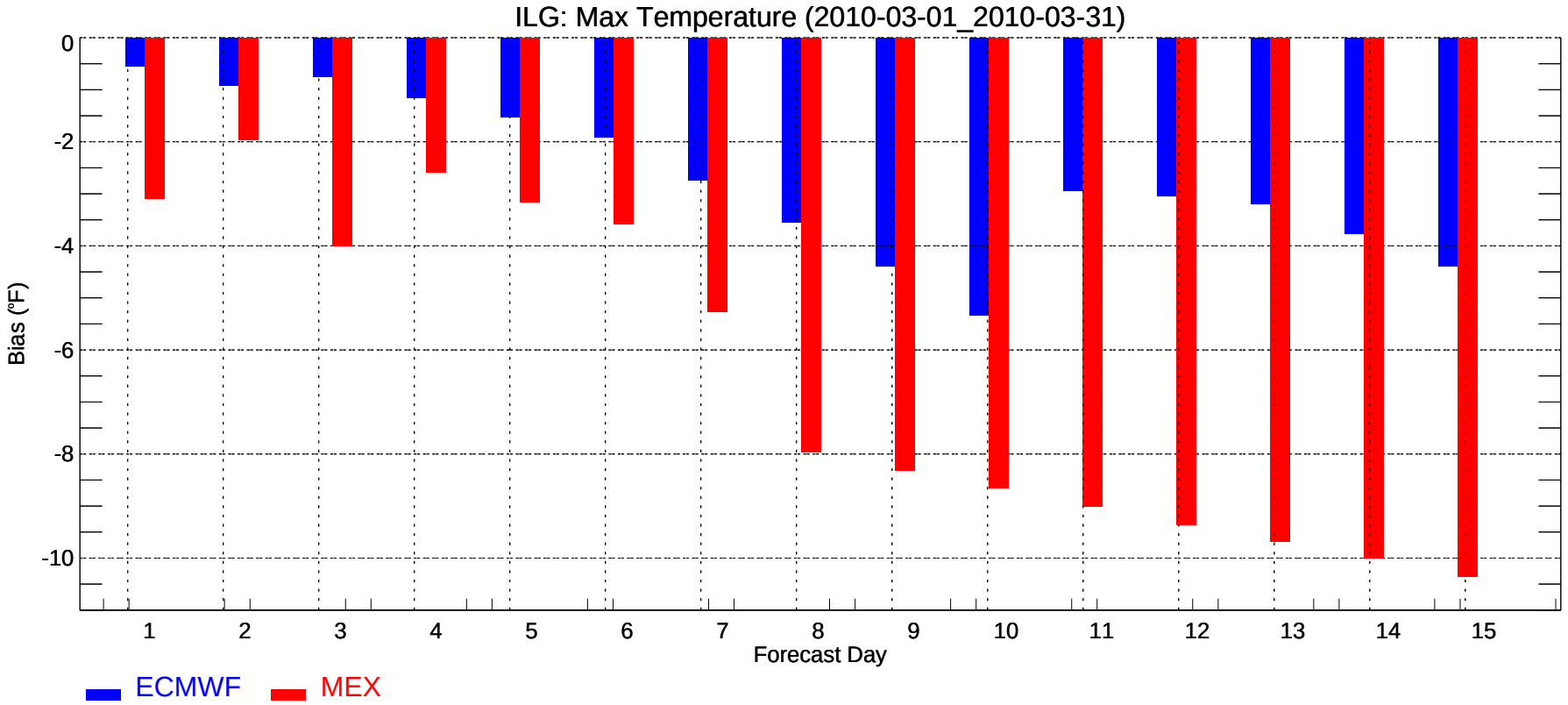
13
14
15
Forecast Day
ECMWF
MEX


ILG: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
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2
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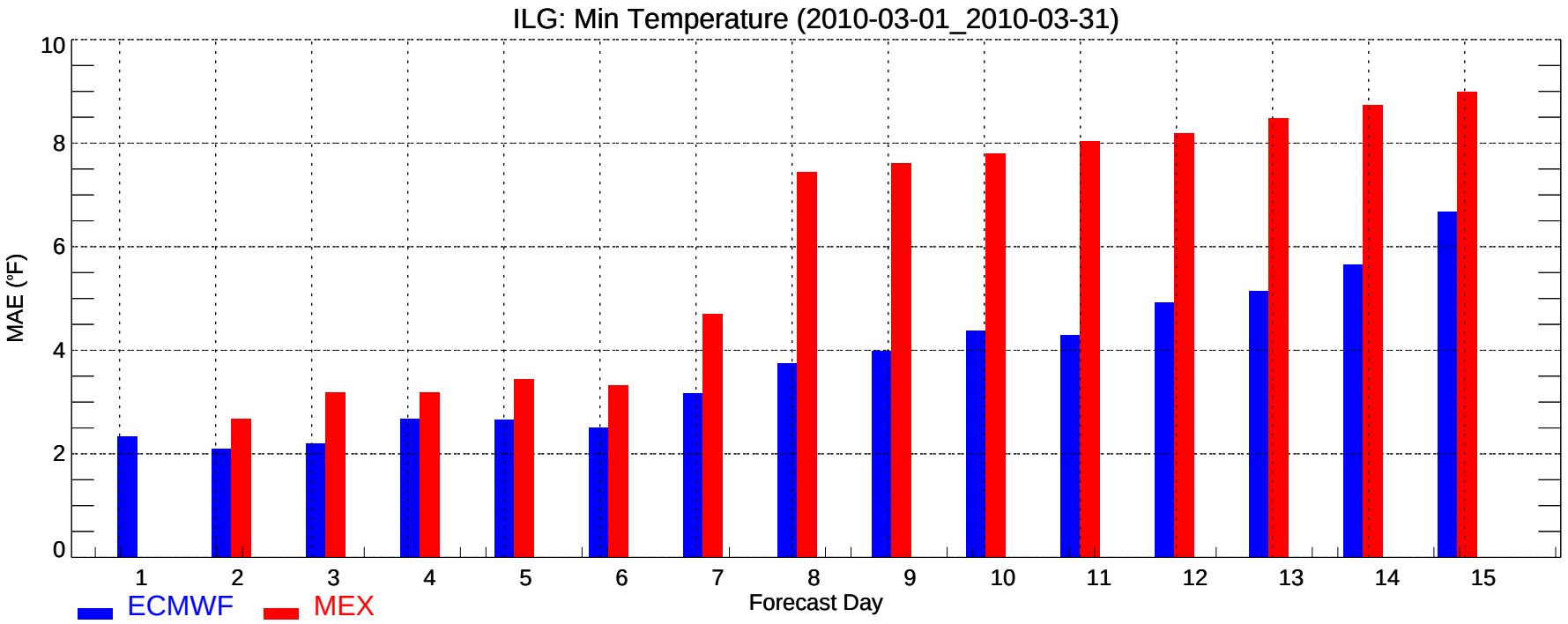
14
15
Forecast Day
ECMWF
MEX


ILG: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
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13
14
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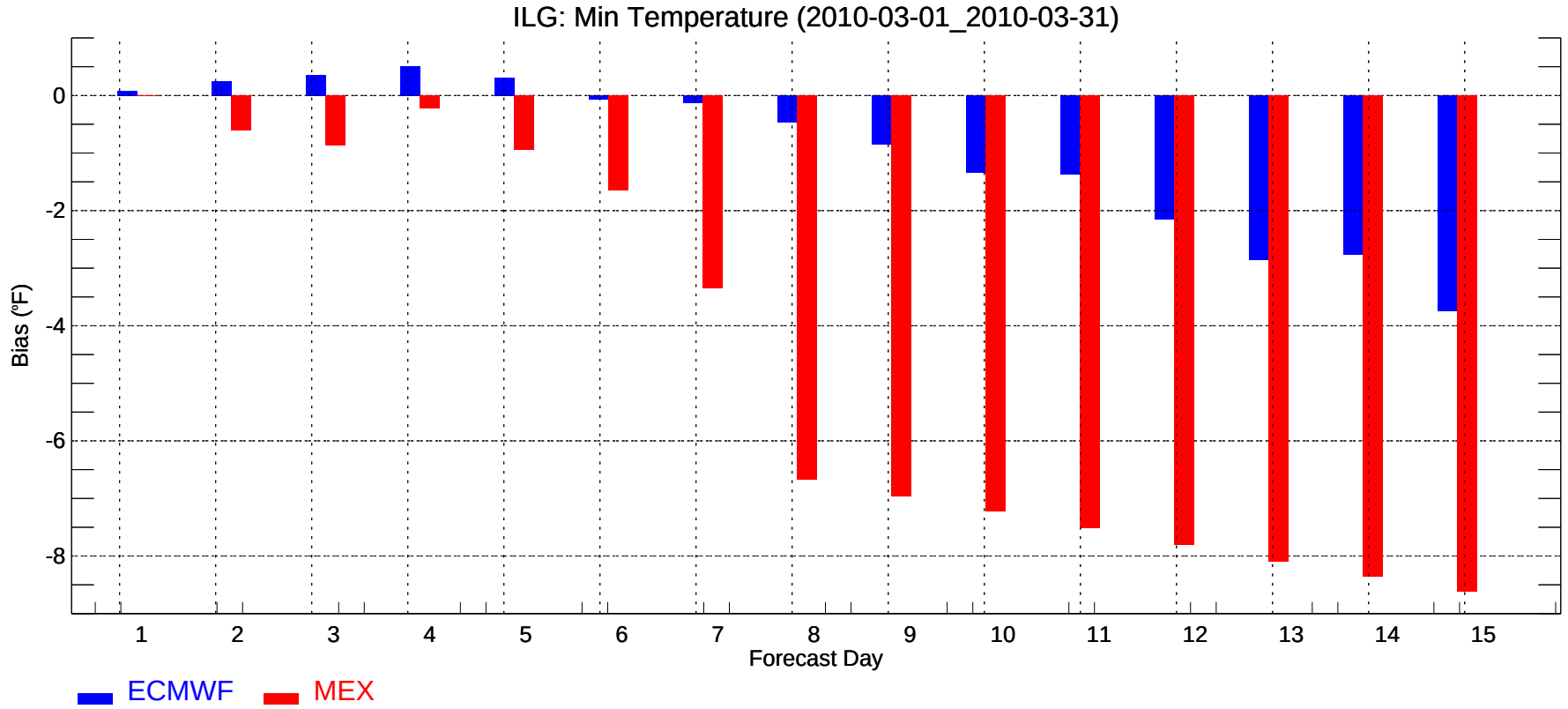
Forecast Day
ECMWF
MEX


ILG: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
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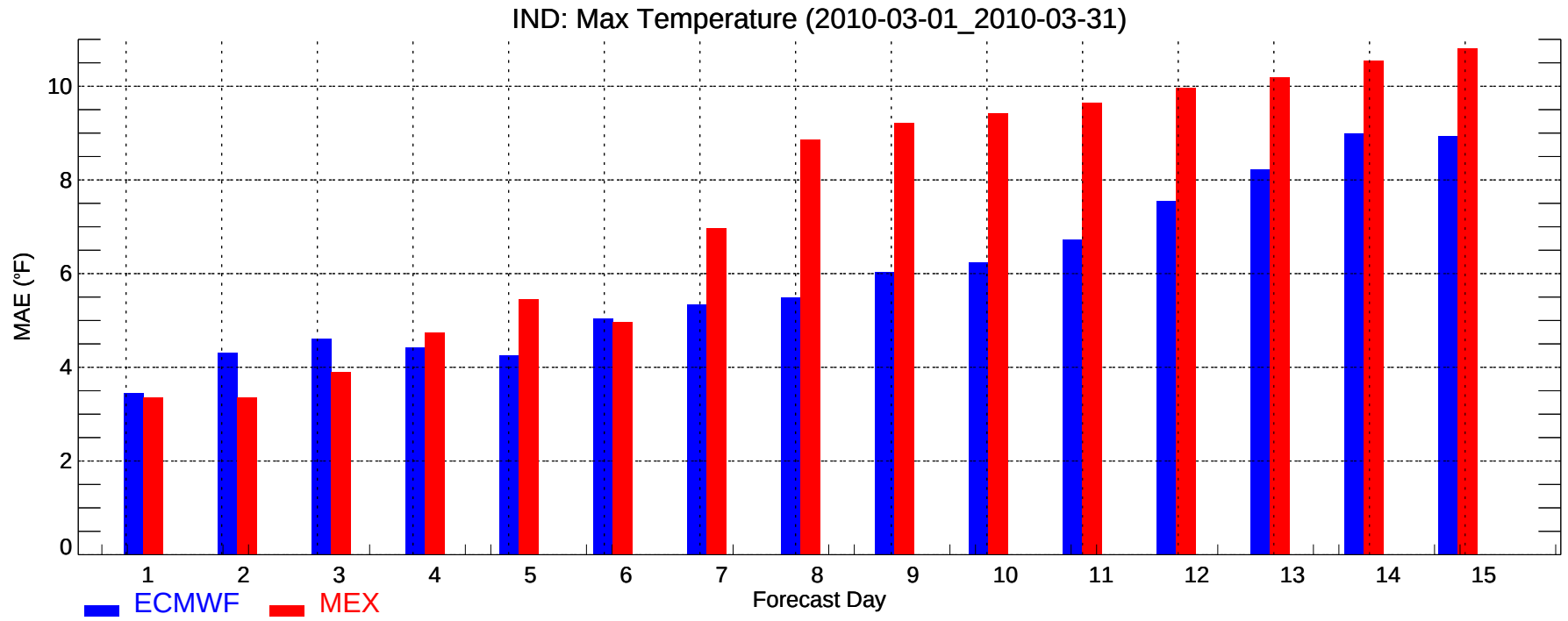
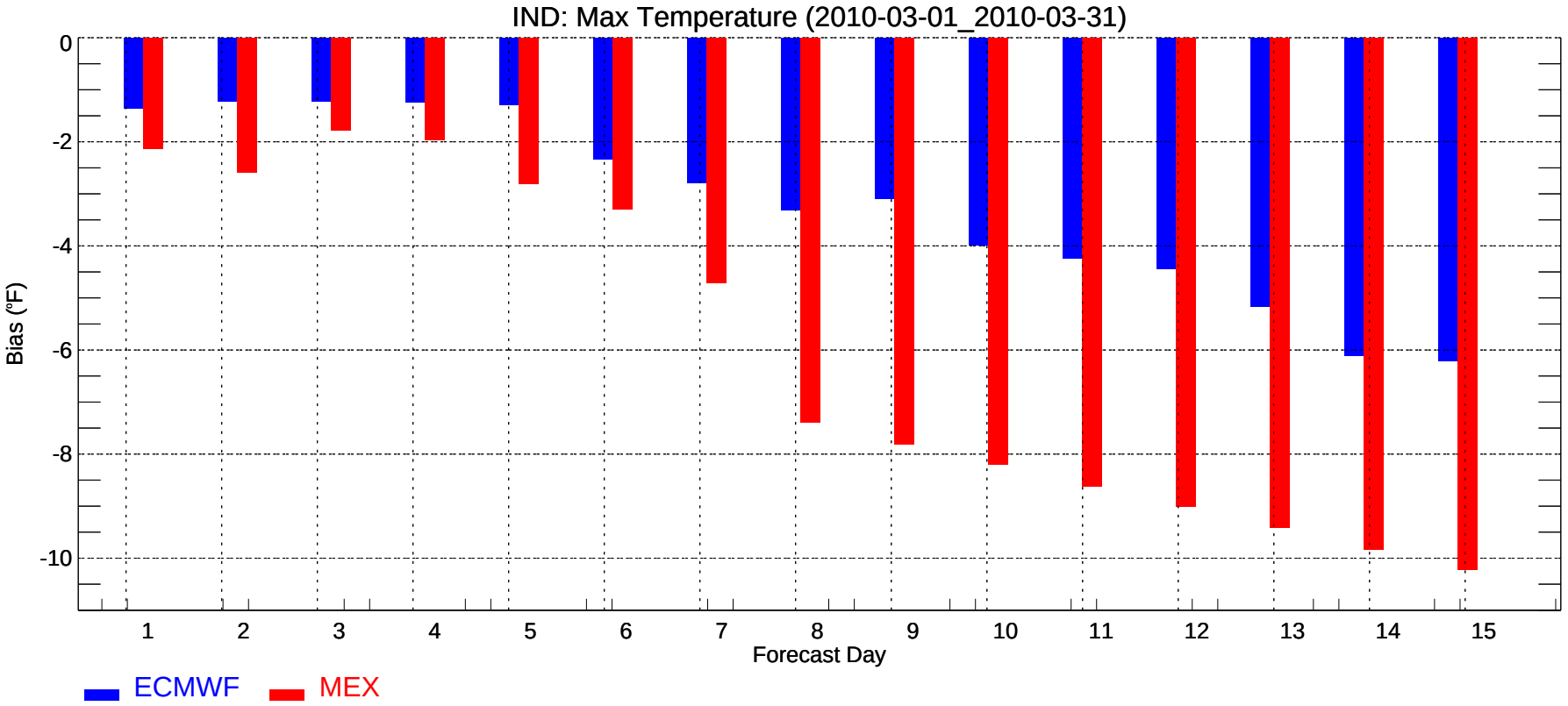
Forecast Day
ECMWF
MEX


IND: Max Temperature (2010-03-01_2010-03-31)
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


IND: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
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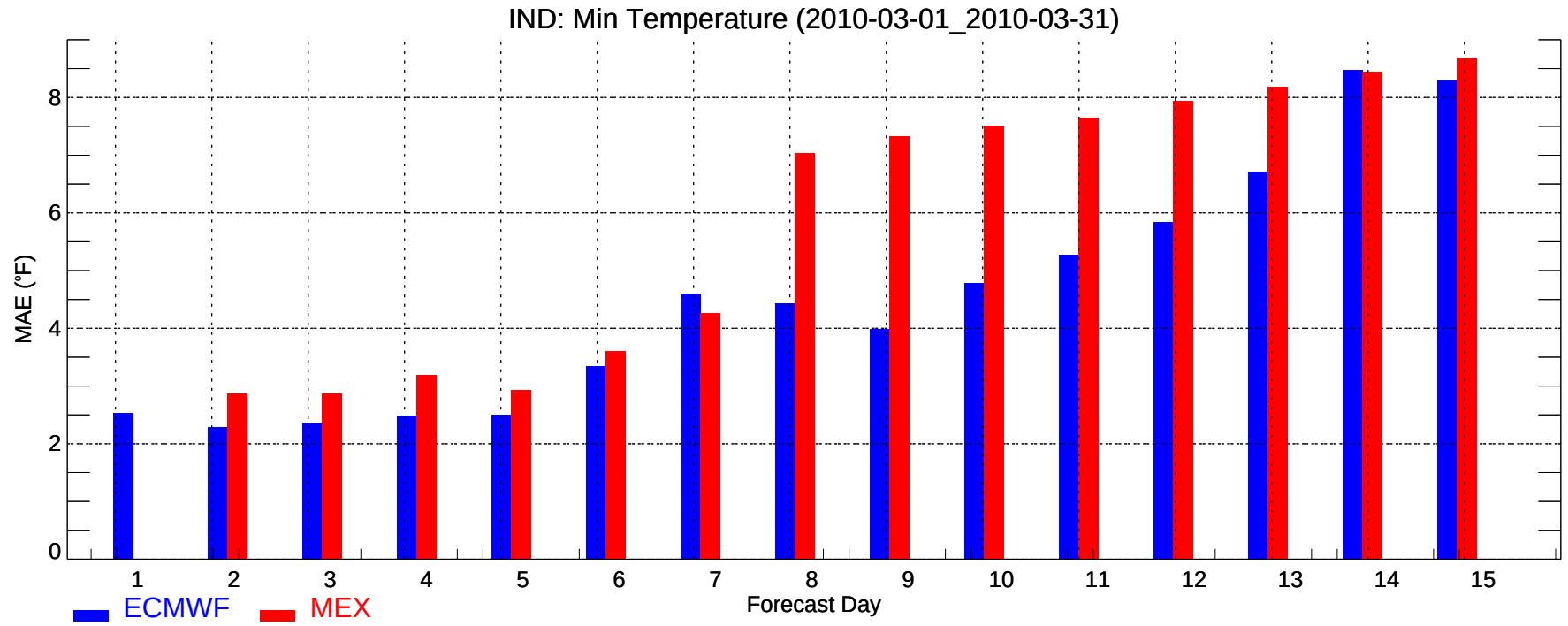
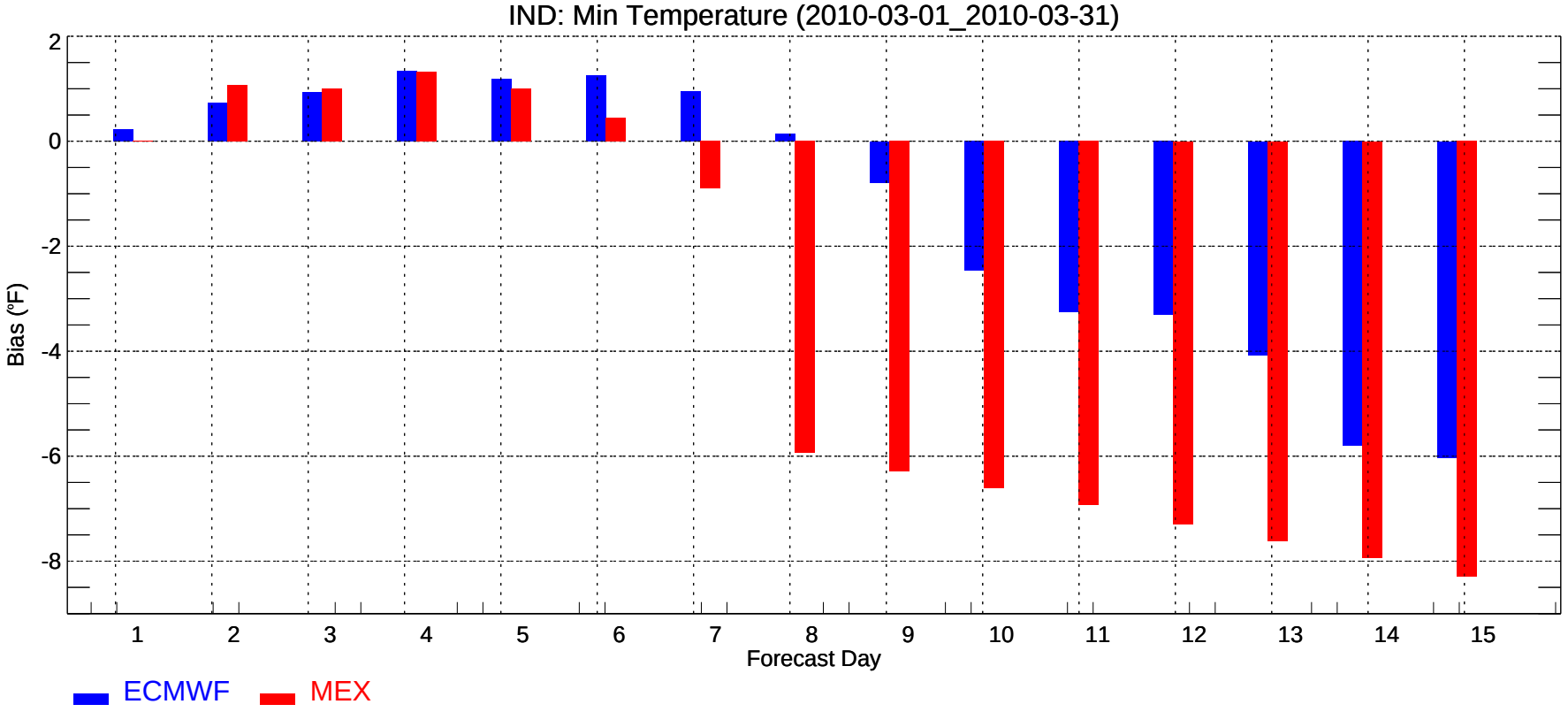
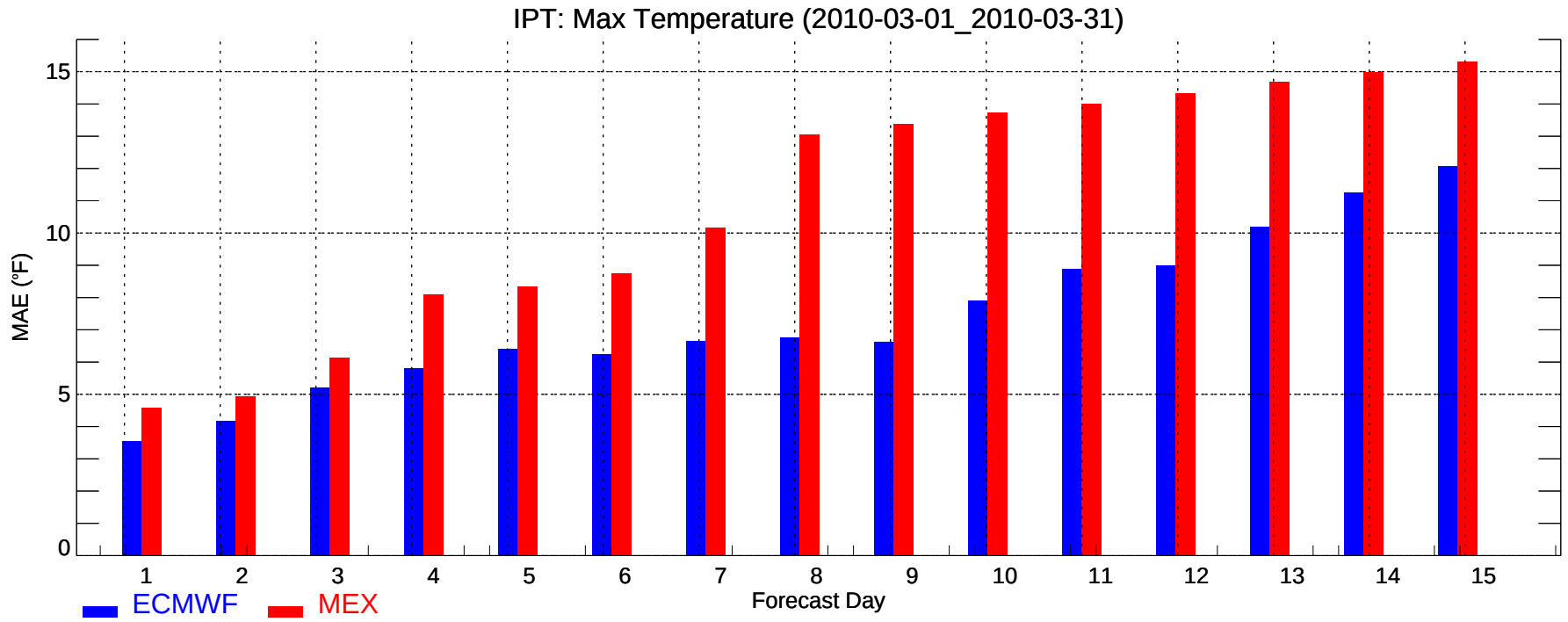
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


IND: Min Temperature (2010-03-01_2010-03-31)
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


IND: Min Temperature (2010-03-01_2010-03-31)
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: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
5
10
15
1
2
3
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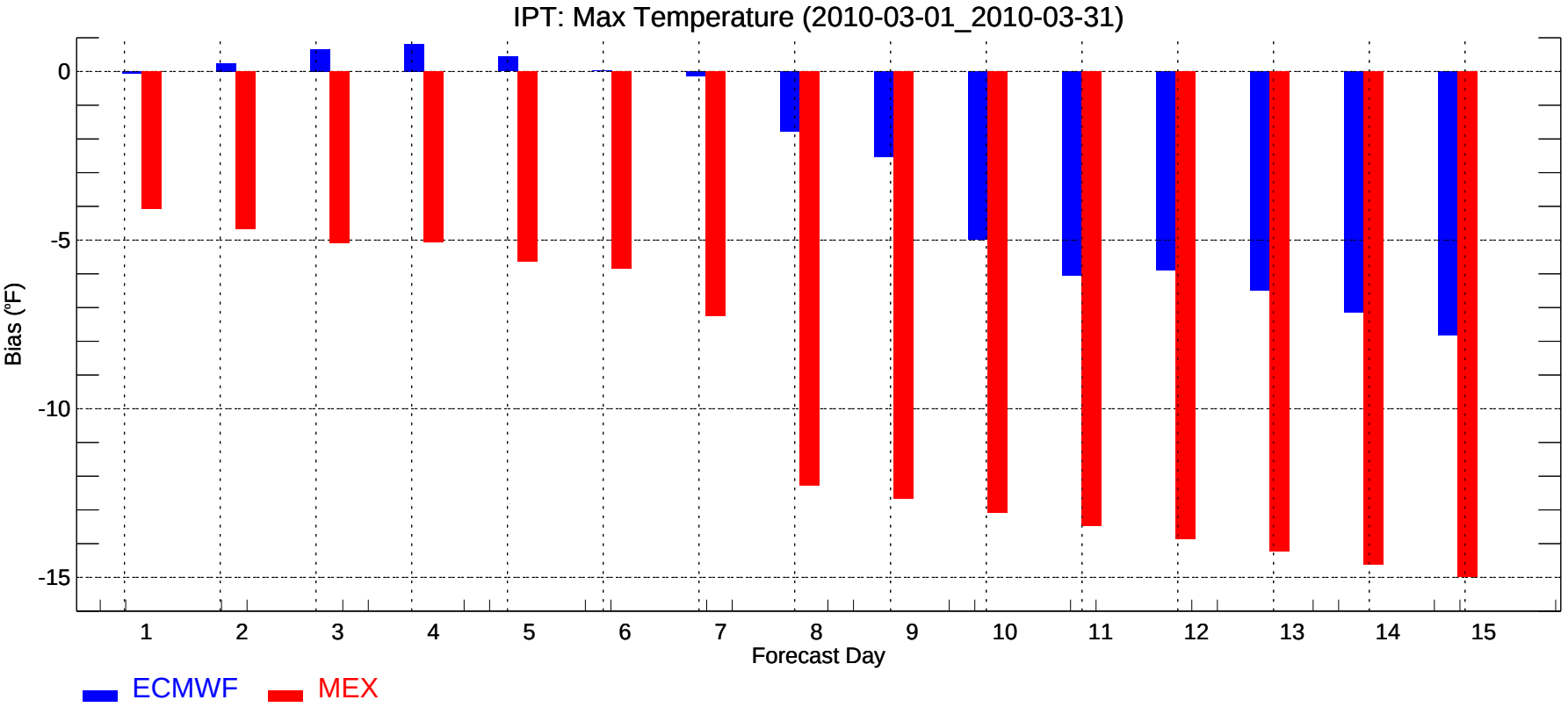
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


IPT: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
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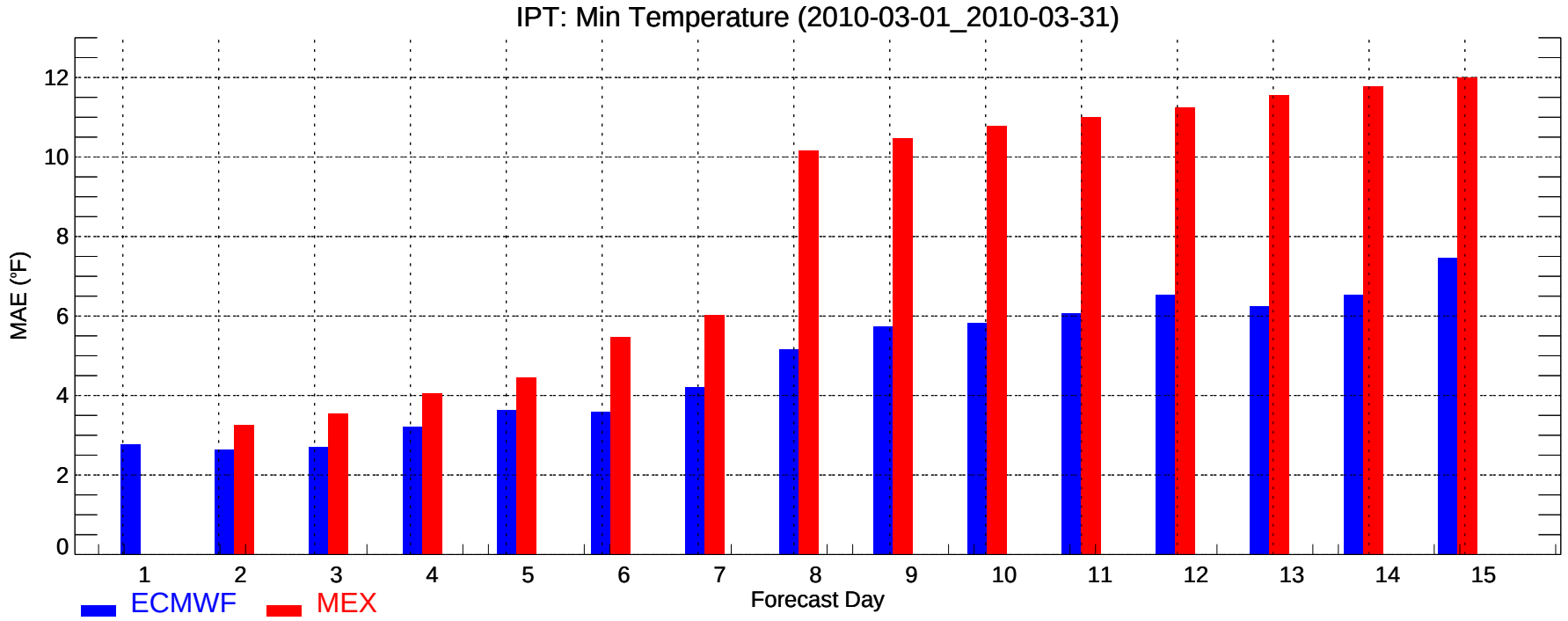
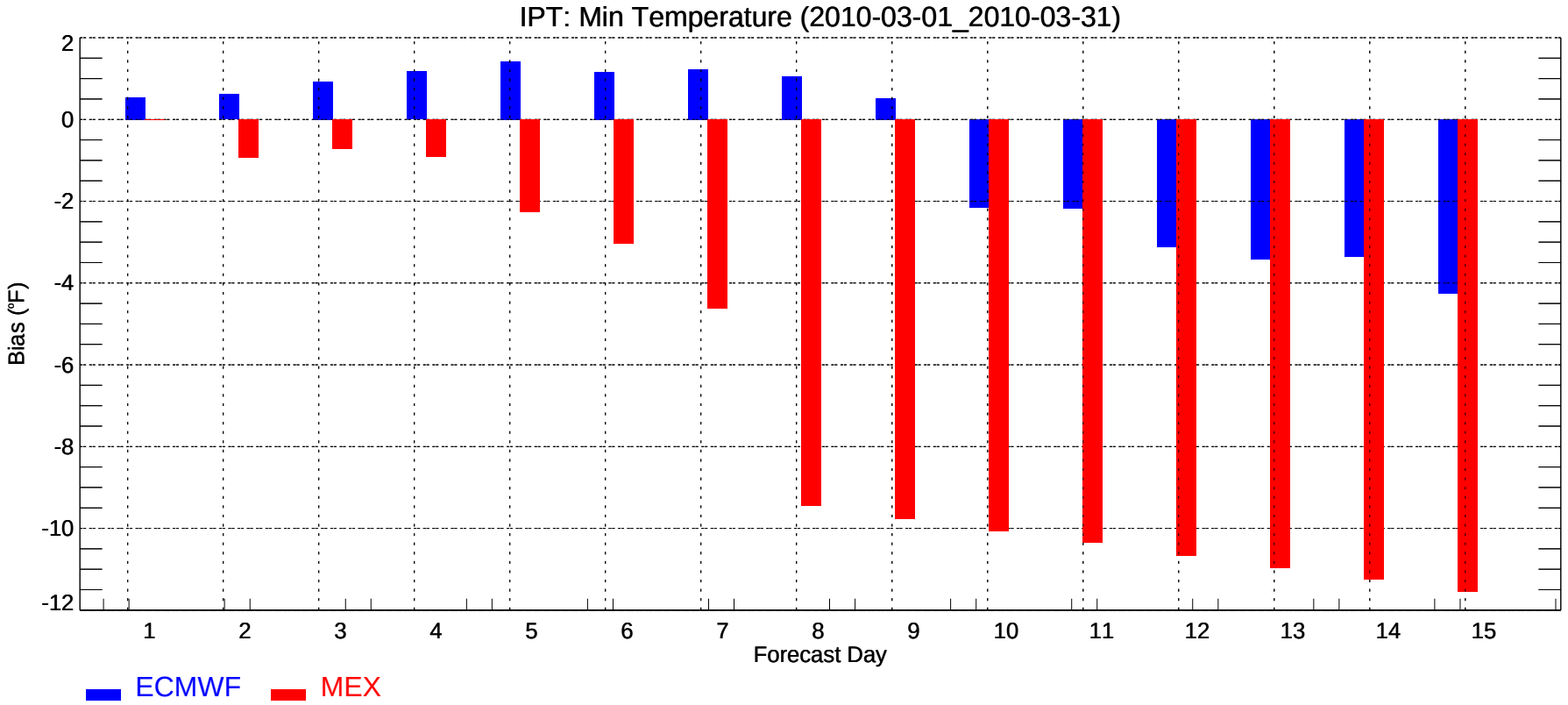
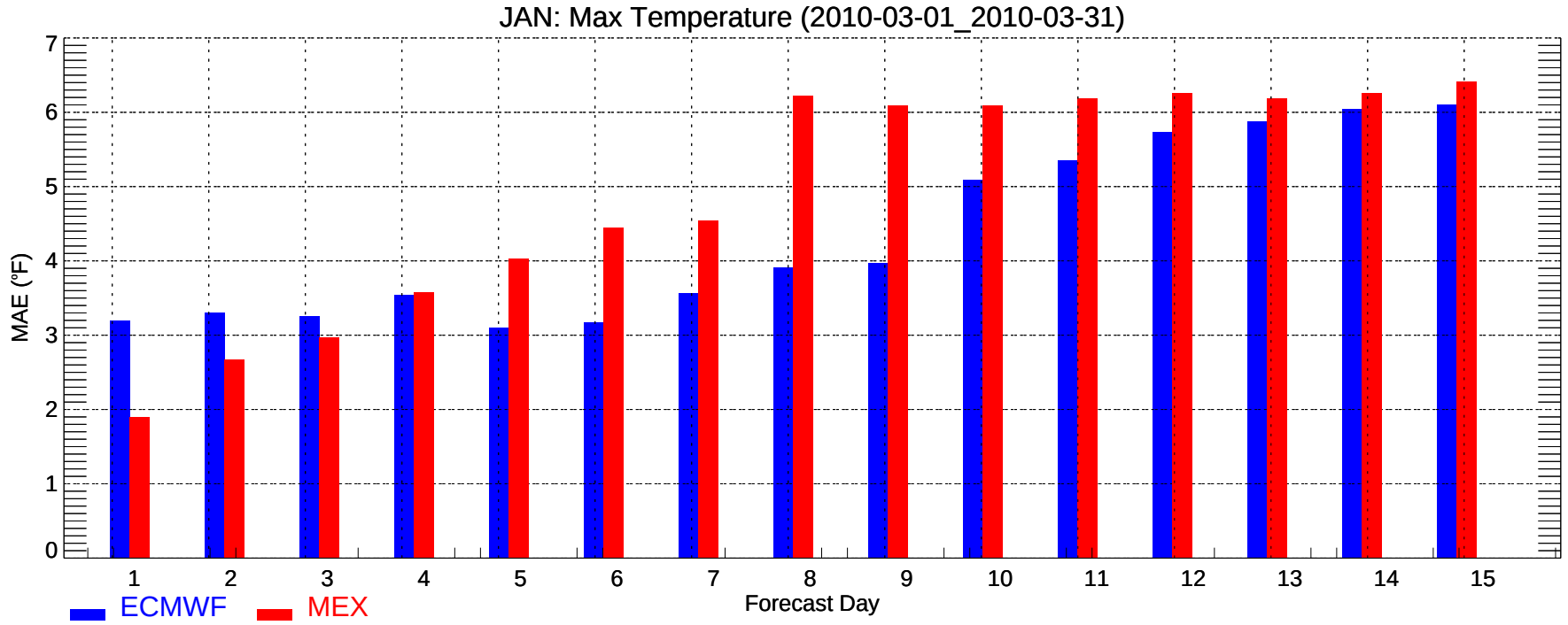
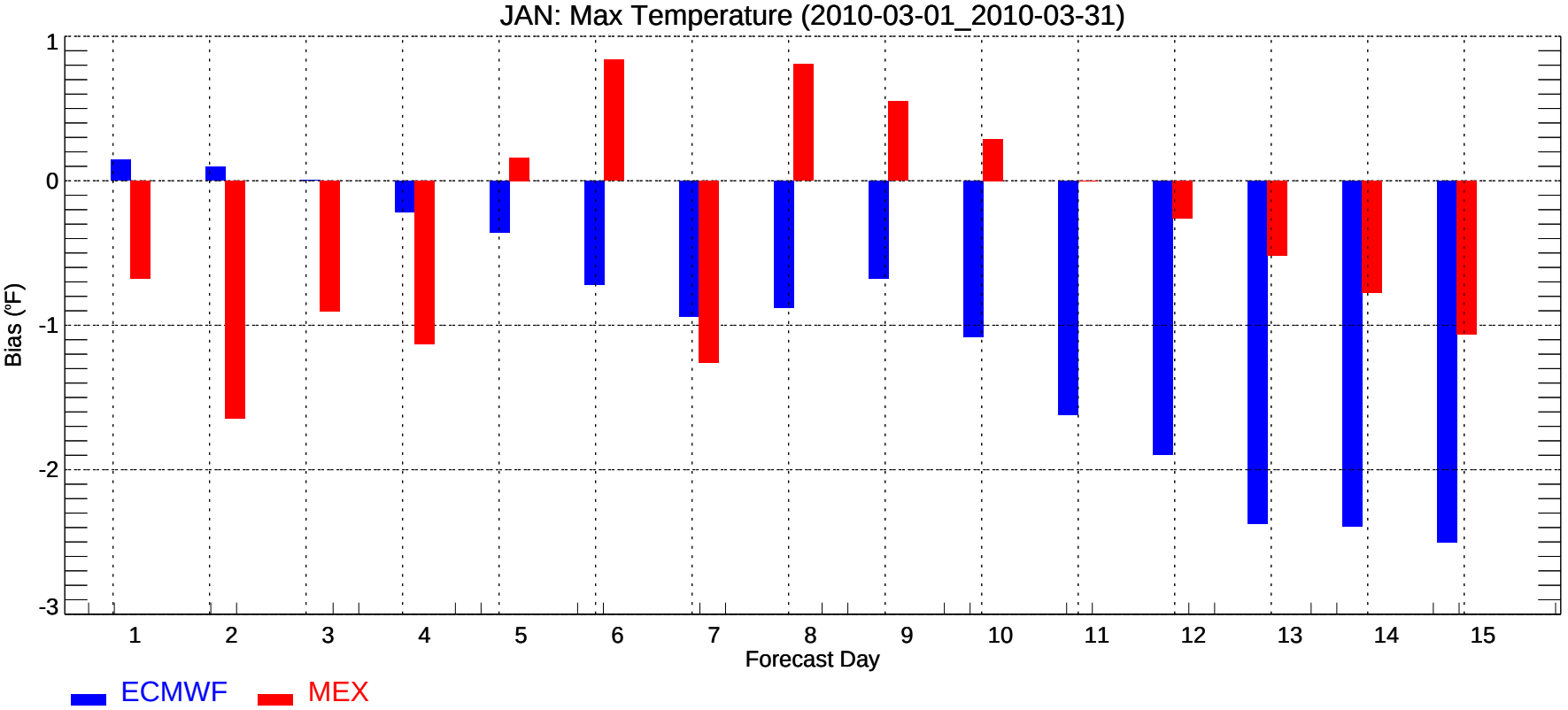
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


IPT: Min Temperature (2010-03-01_2010-03-31)
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


IPT: Min Temperature (2010-03-01_2010-03-31)
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


JAN: Max Temperature (2010-03-01_2010-03-31)
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


JAN: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
1
2
3
4
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6
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11
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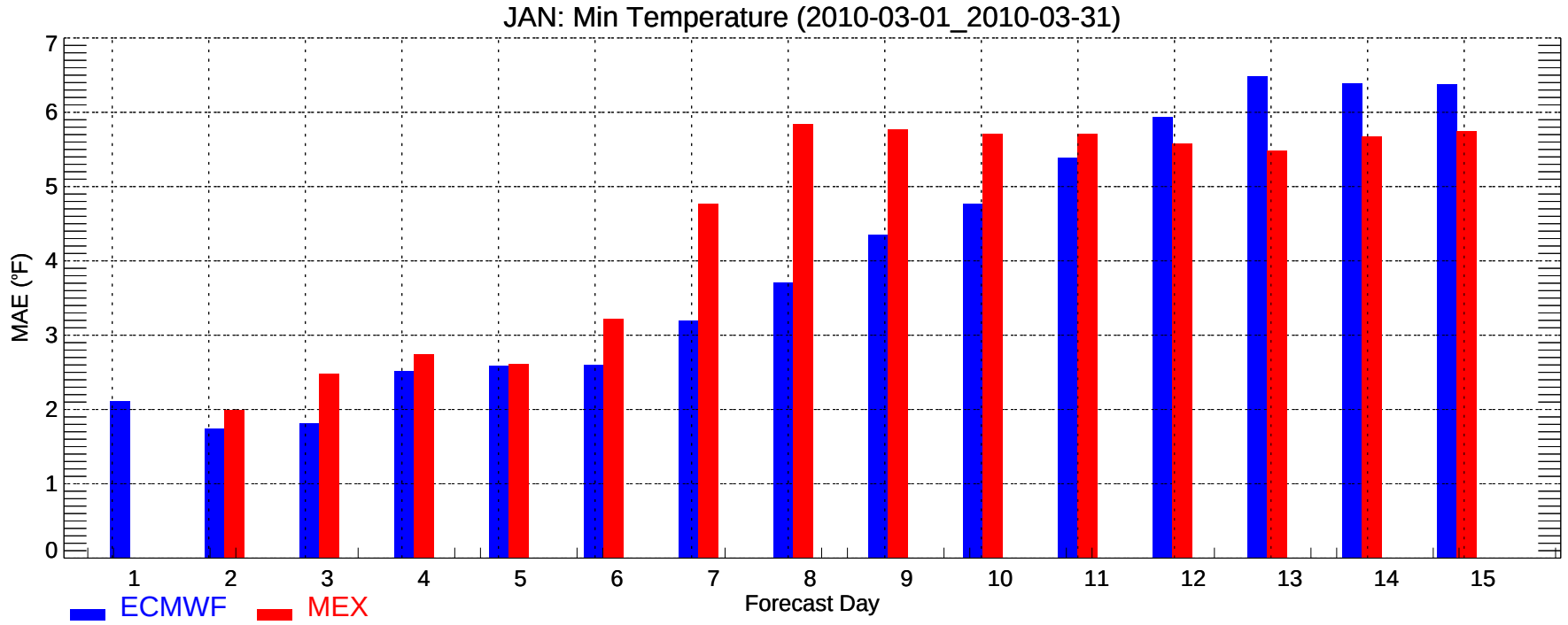
14
15
Forecast Day
ECMWF
MEX


JAN: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
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6
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8
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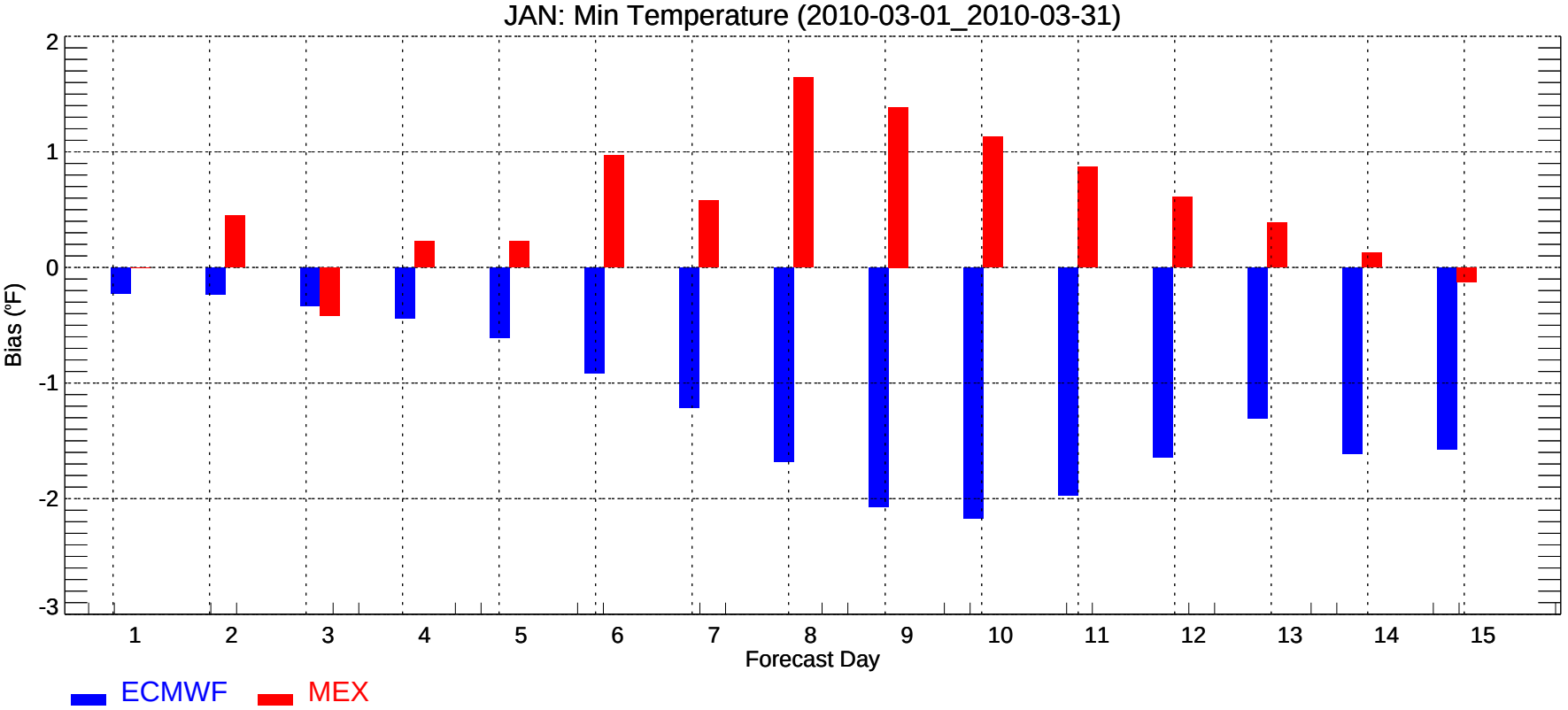
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


JAN: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
1
2
3
4
5
6
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8
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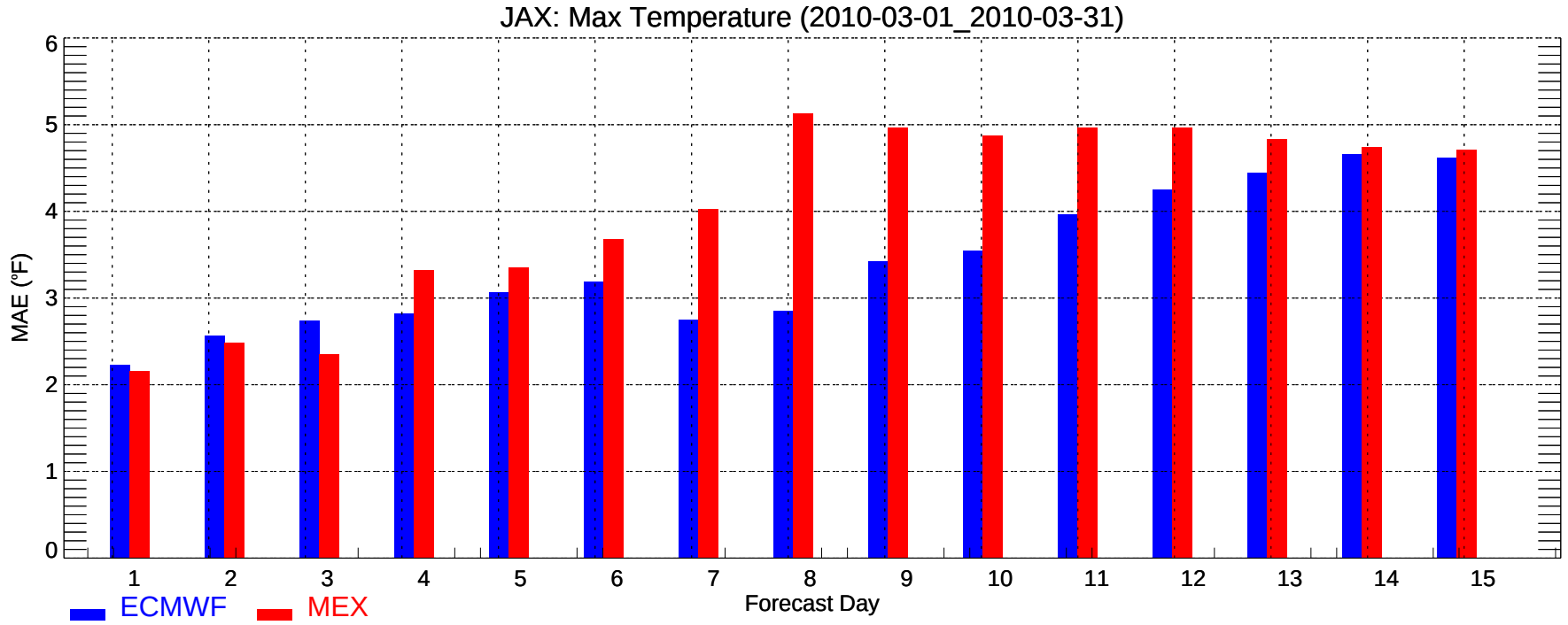
11
12
13
14
15
Forecast Day
ECMWF
MEX


JAX: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
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6
1
2
3
4
5
6
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8
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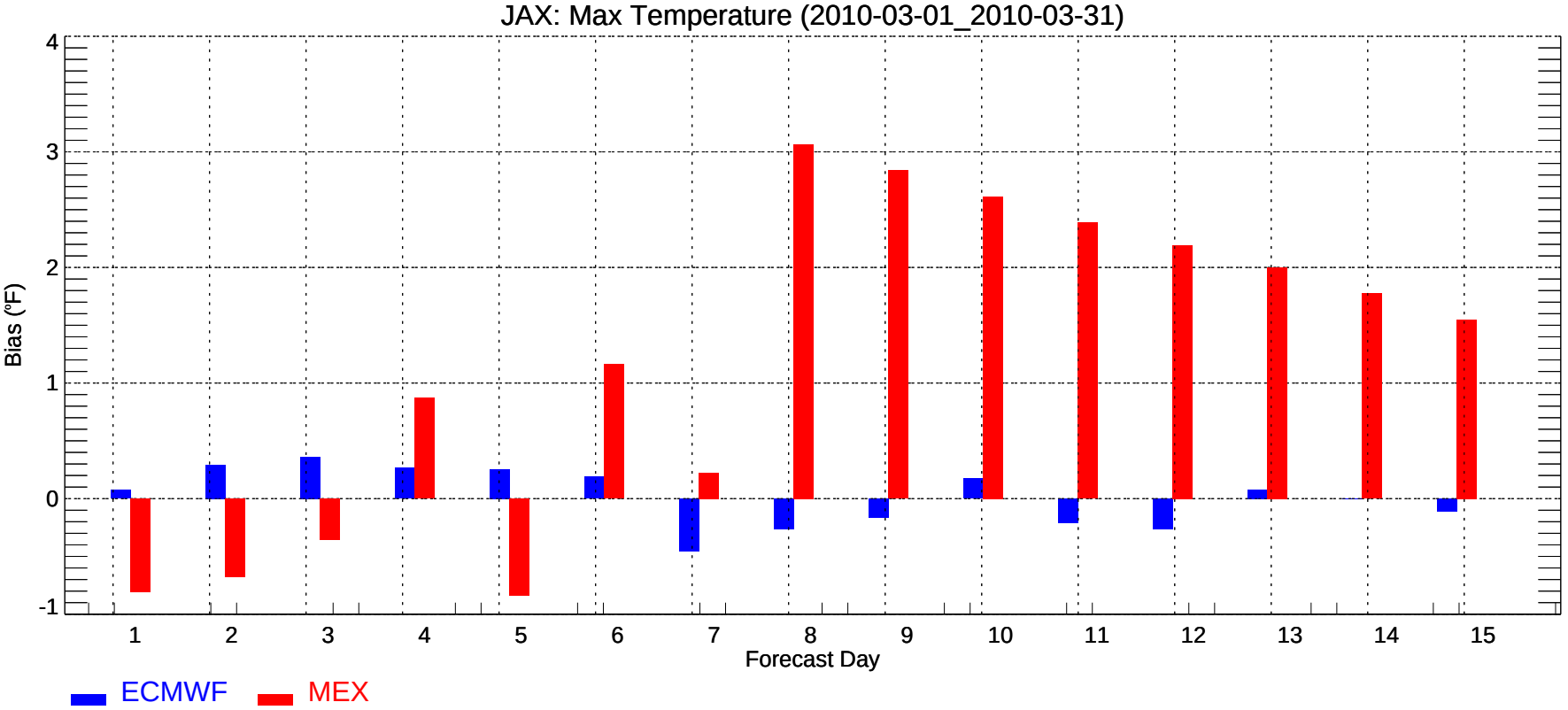
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


JAX: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
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5
6
7
8
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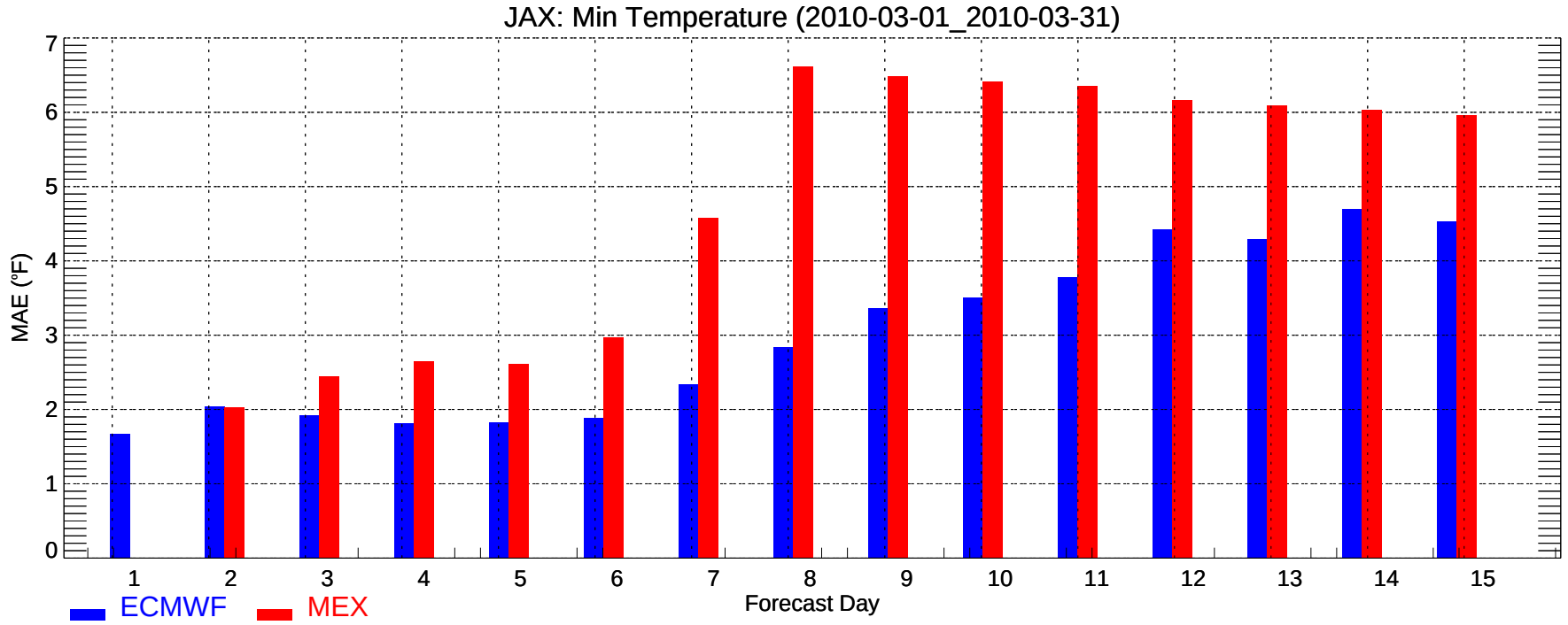
11
12
13
14
15
Forecast Day
ECMWF
MEX


JAX: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
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4
5
6
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1
2
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8
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13
14
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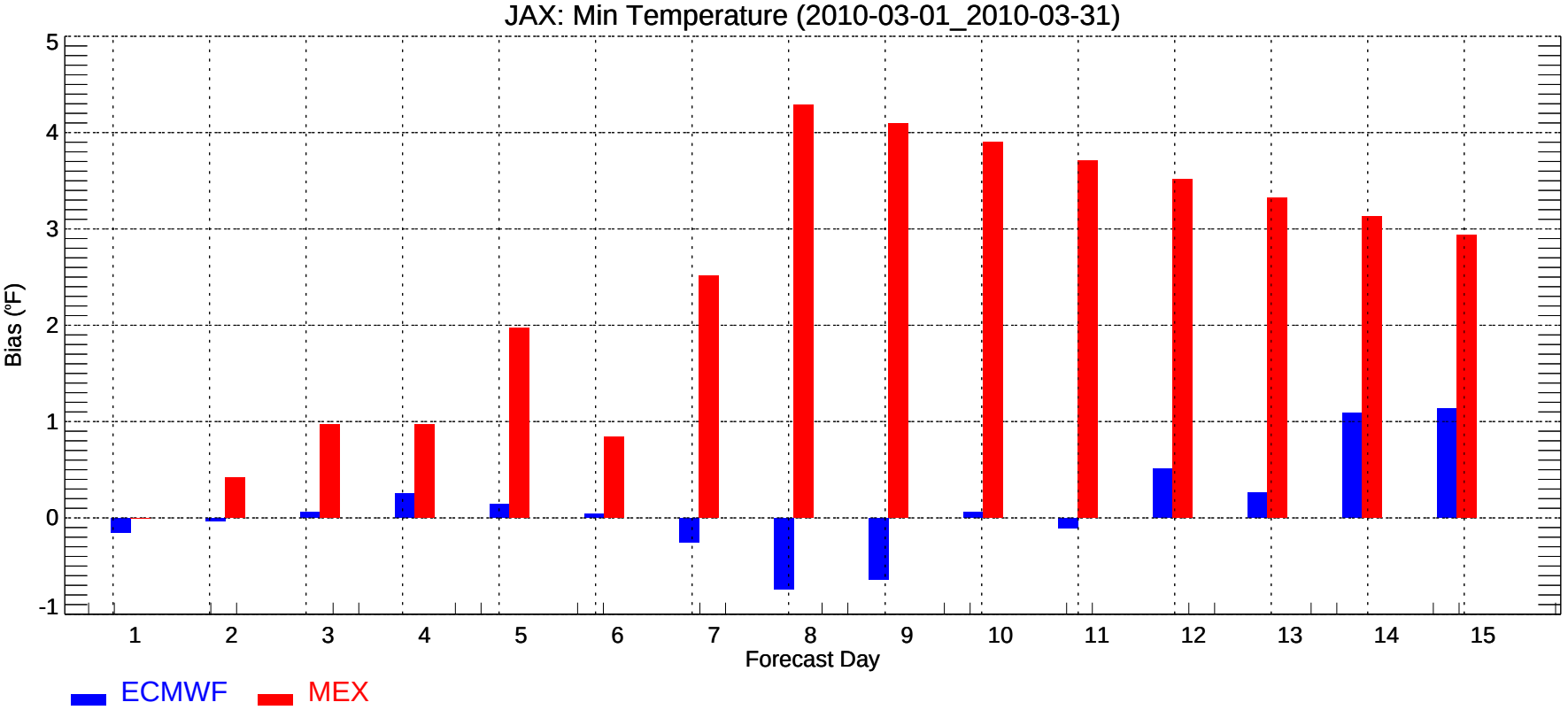
Forecast Day
ECMWF
MEX


JAX: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
4
5
1
2
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11
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13
14
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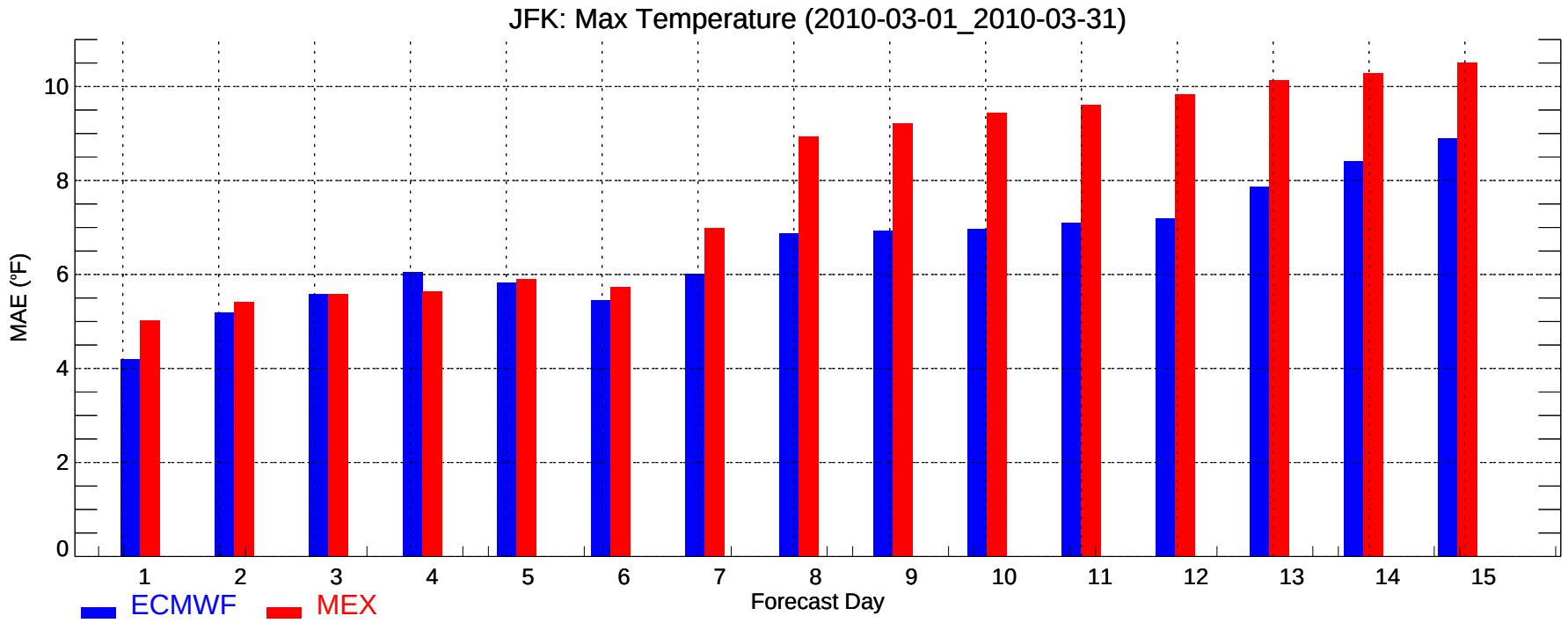
Forecast Day
ECMWF
MEX


JFK: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
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10
1
2
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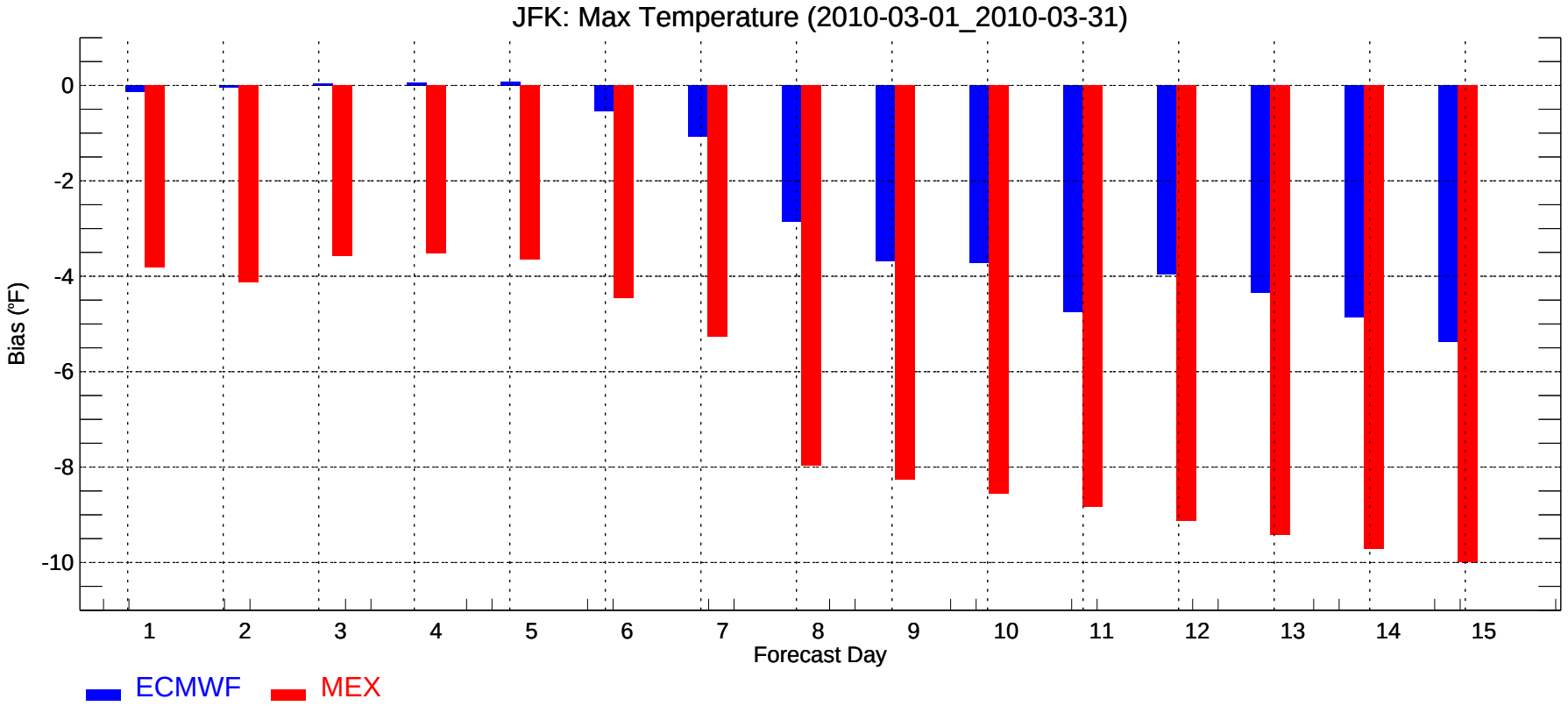
Forecast Day
ECMWF
MEX


JFK: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
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7
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13
14
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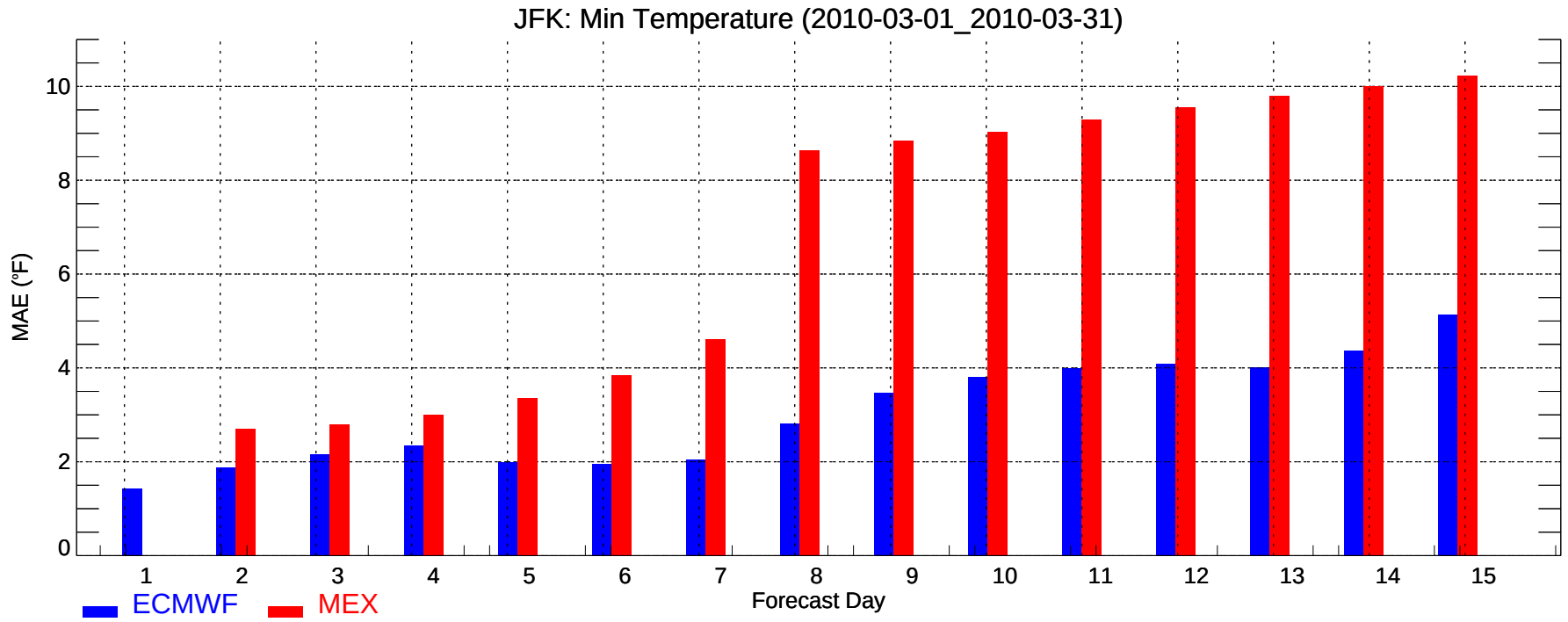
Forecast Day
ECMWF
MEX


JFK: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
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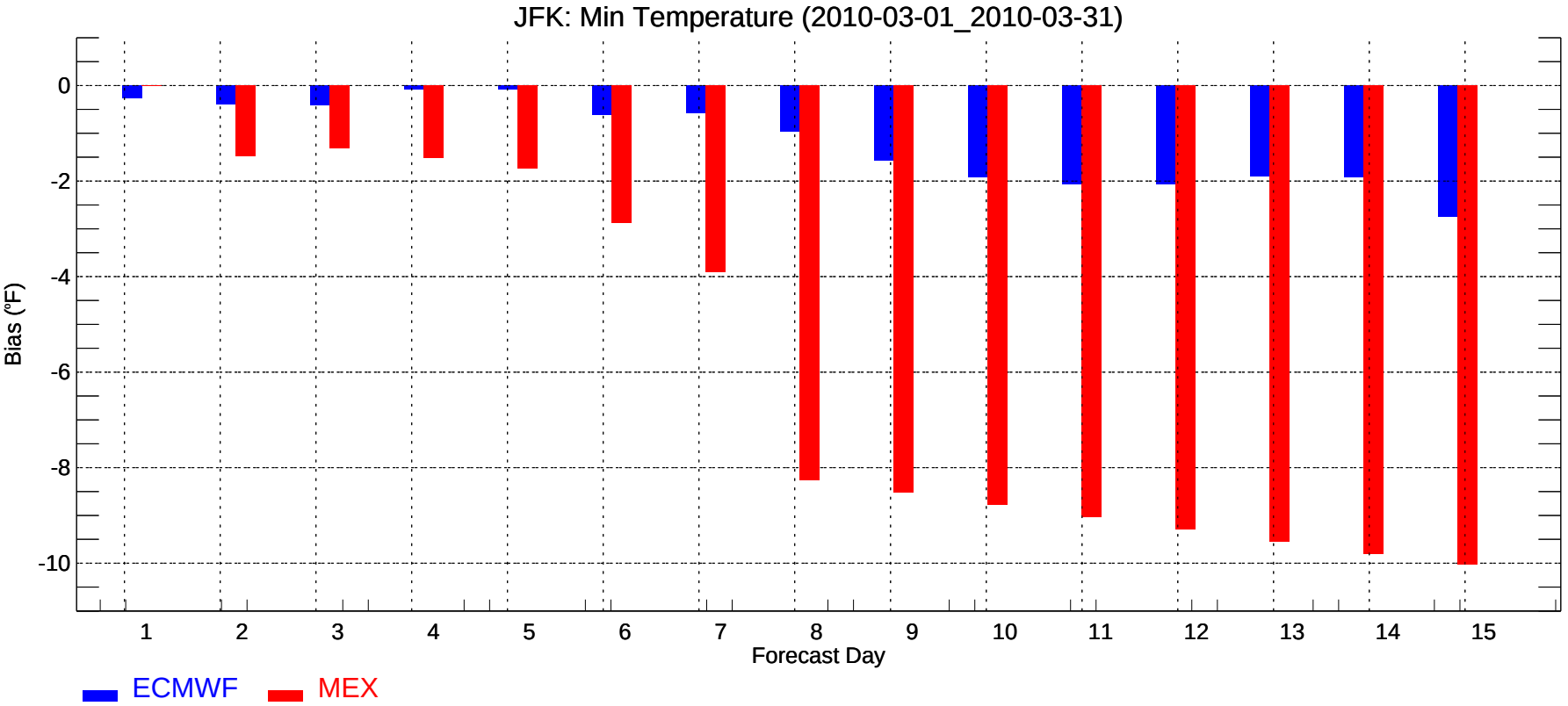
Forecast Day
ECMWF
MEX


JFK: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
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14
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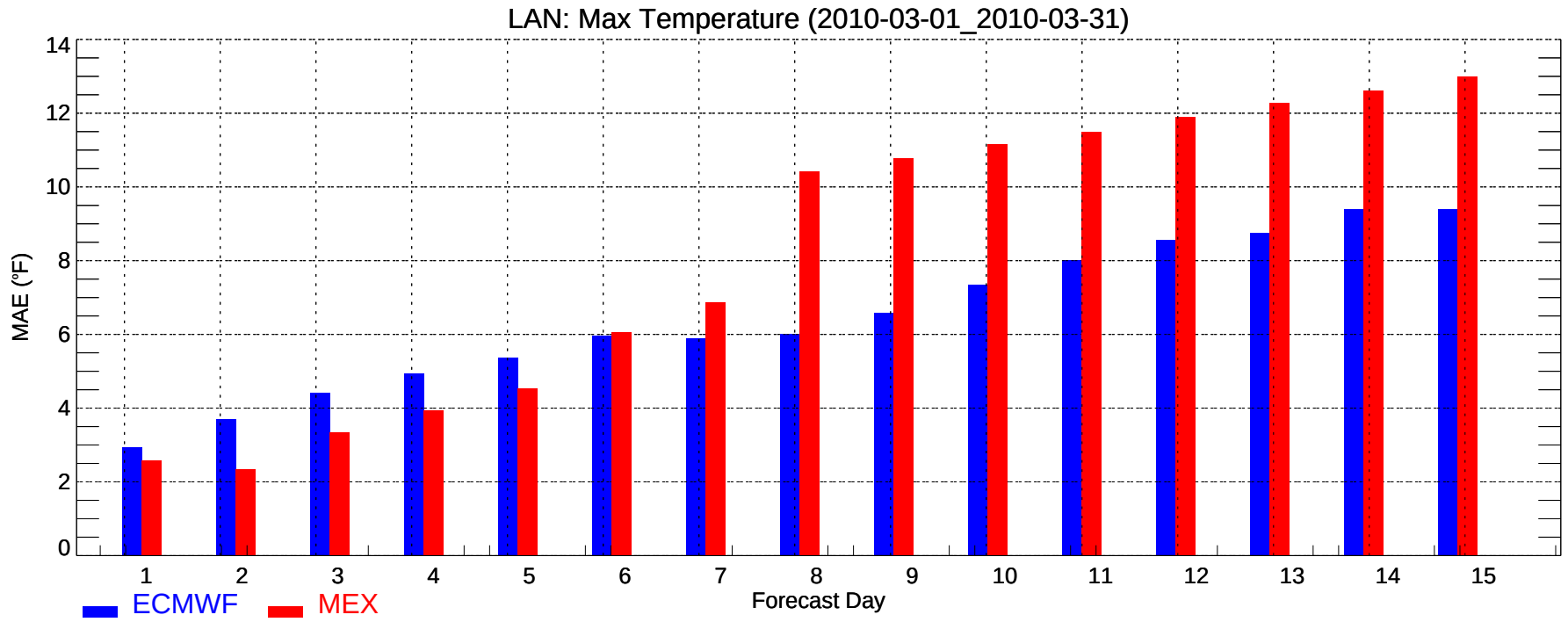
Forecast Day
ECMWF
MEX


LAN: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
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7
8
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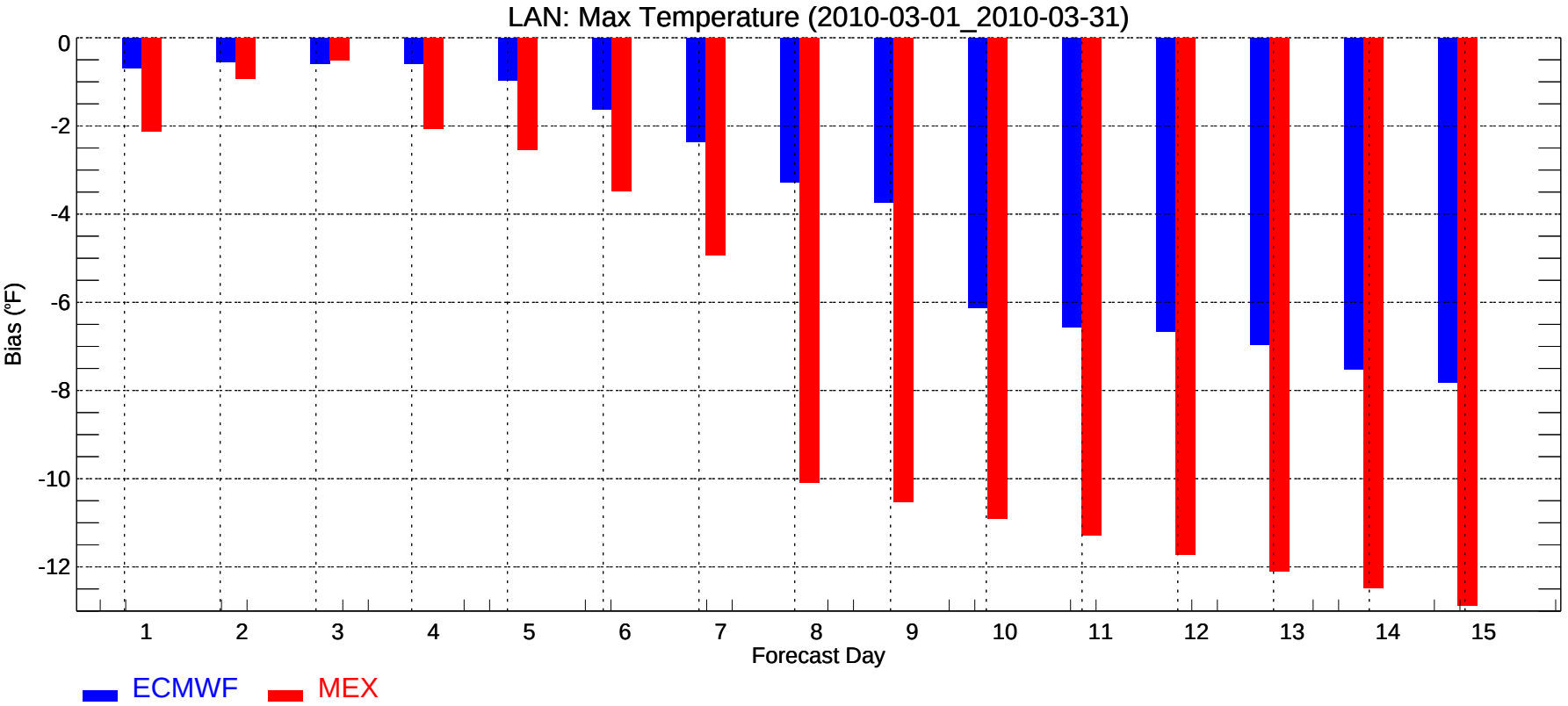
12
13
14
15
Forecast Day
ECMWF
MEX


LAN: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
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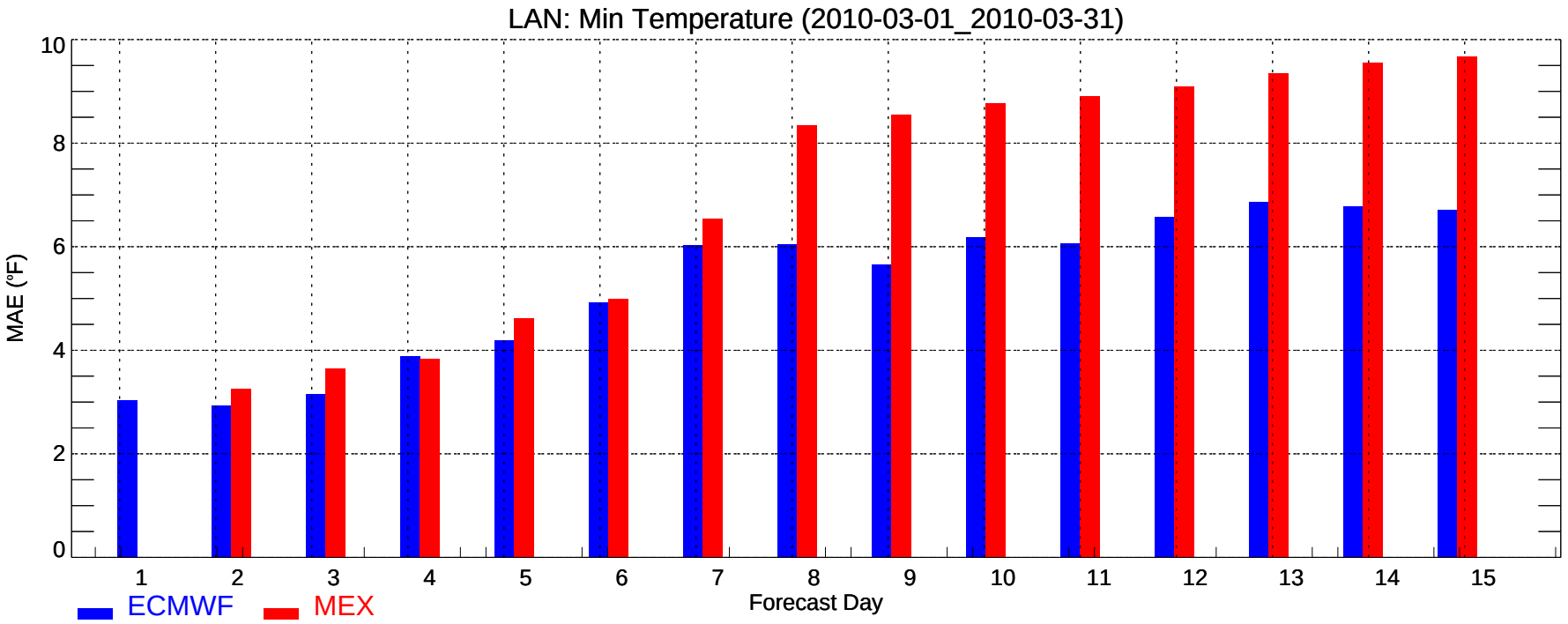
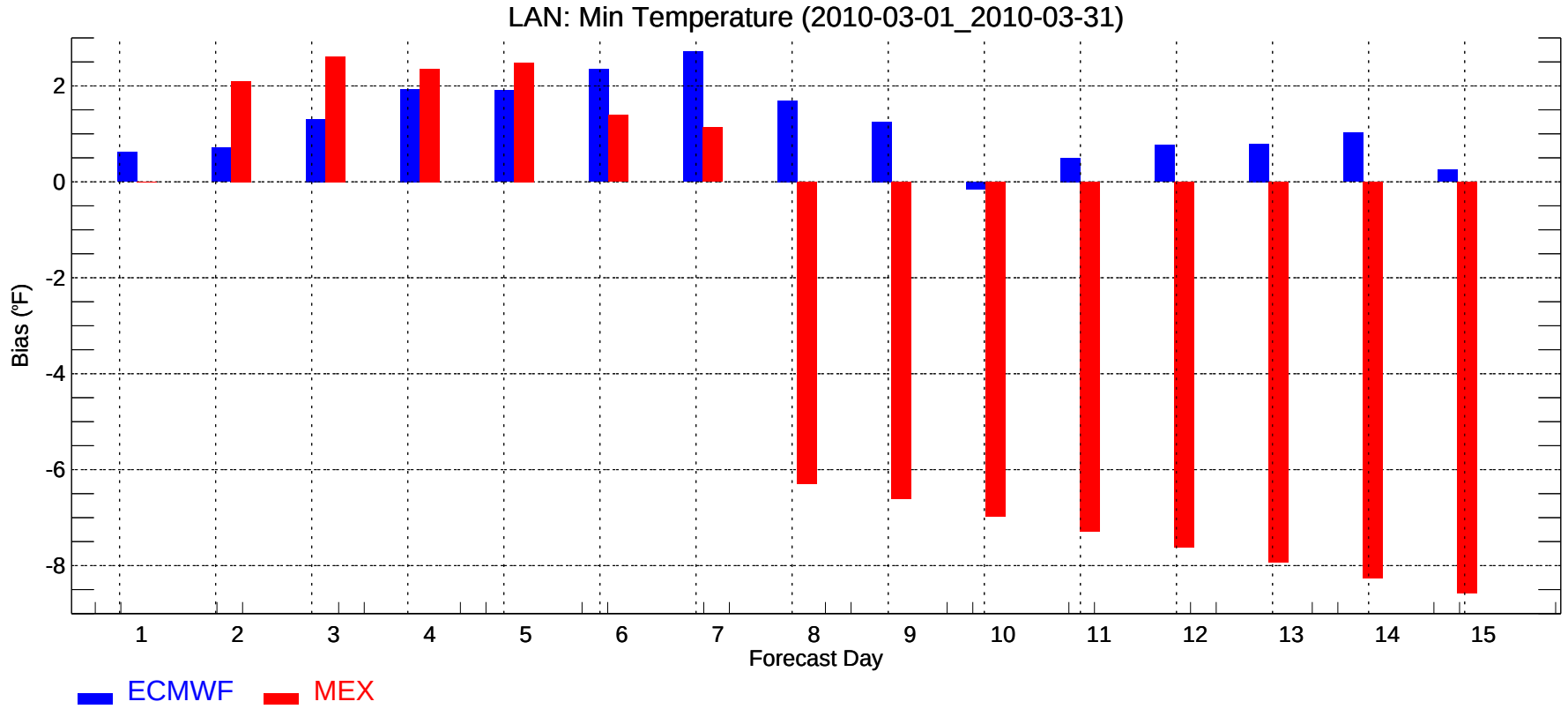
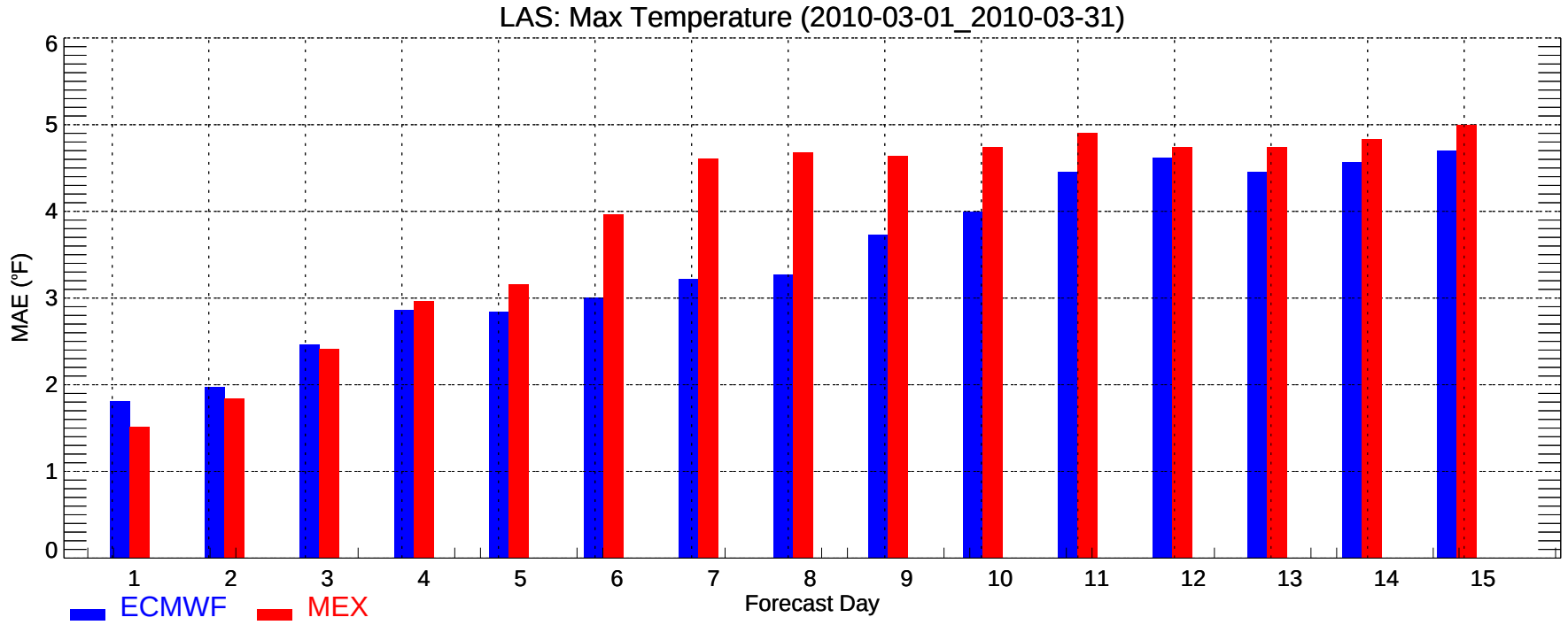
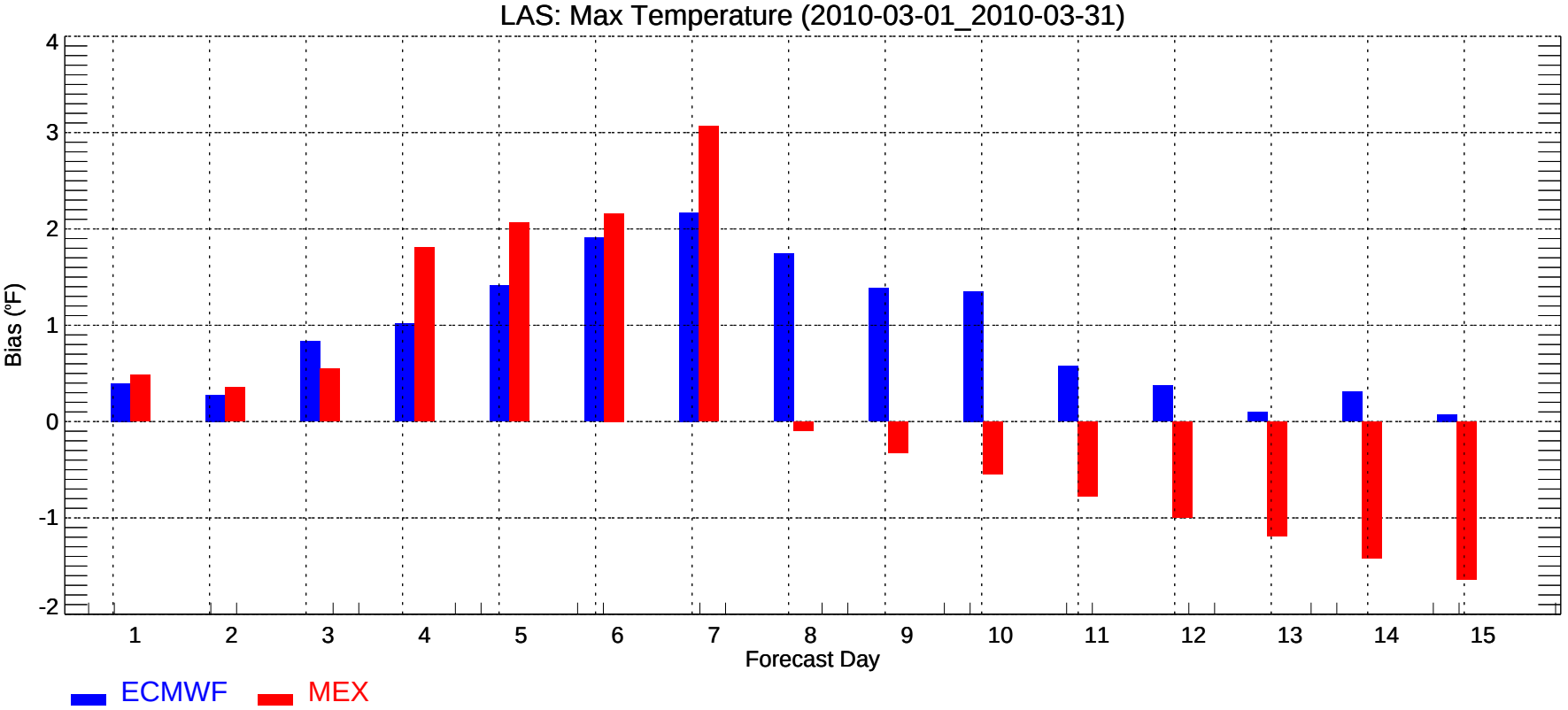
Forecast Day
ECMWF
MEX


LAN: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
Forecast Day
ECMWF
MEX


LAN: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
Forecast Day
ECMWF
MEX


LAS: Max Temperature (2010-03-01_2010-03-31)
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


LAS: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
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10
11
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13
14
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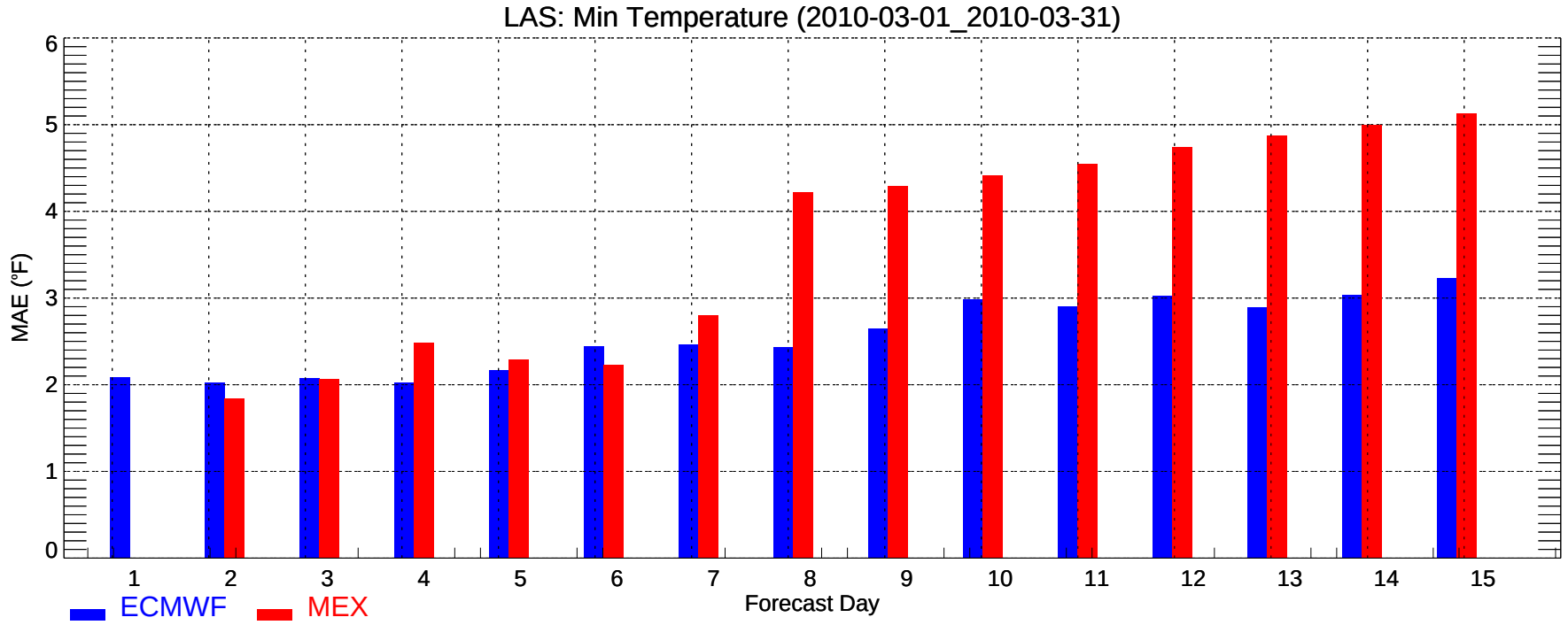
Forecast Day
ECMWF
MEX


LAS: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
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6
7
8
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12
13
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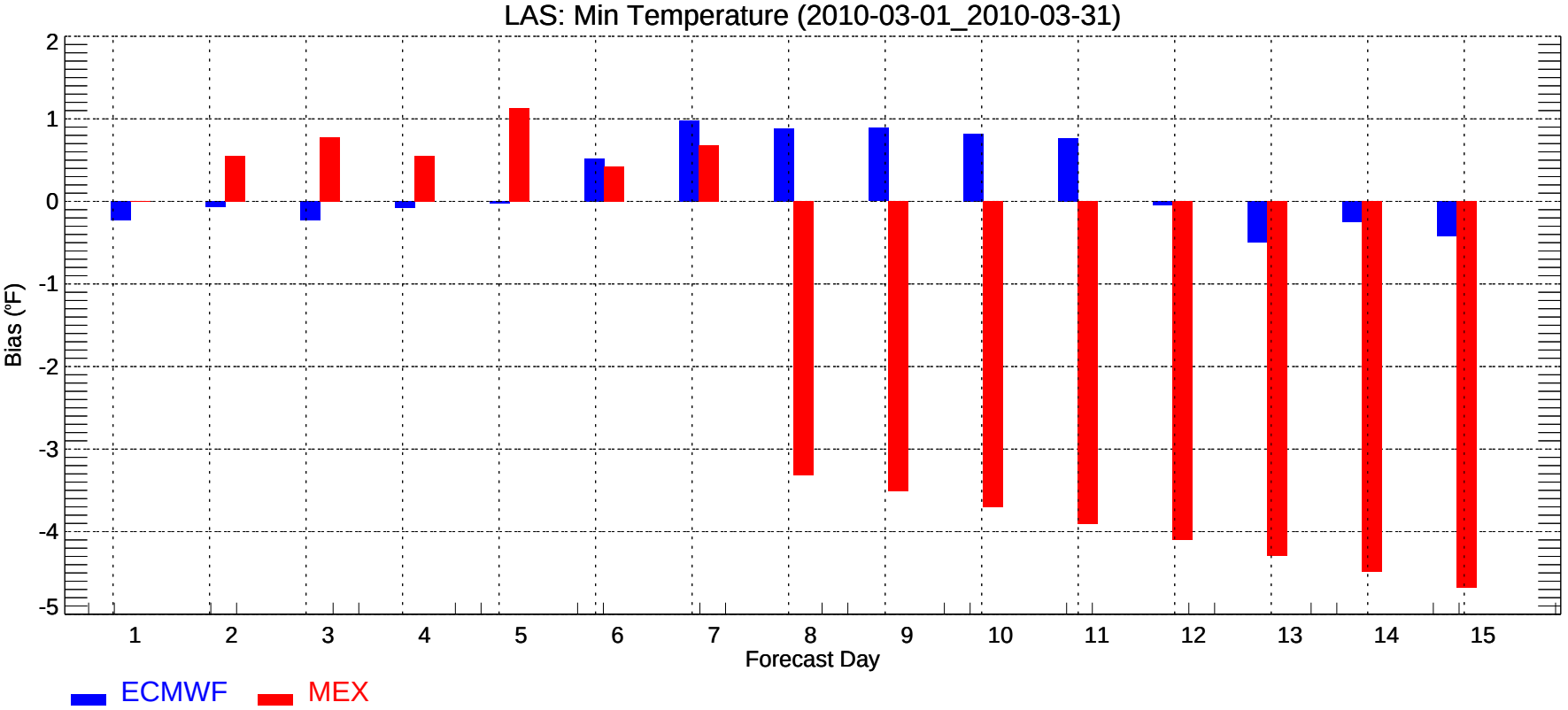
Forecast Day
ECMWF
MEX


LAS: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
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5
6
7
8
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11
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14
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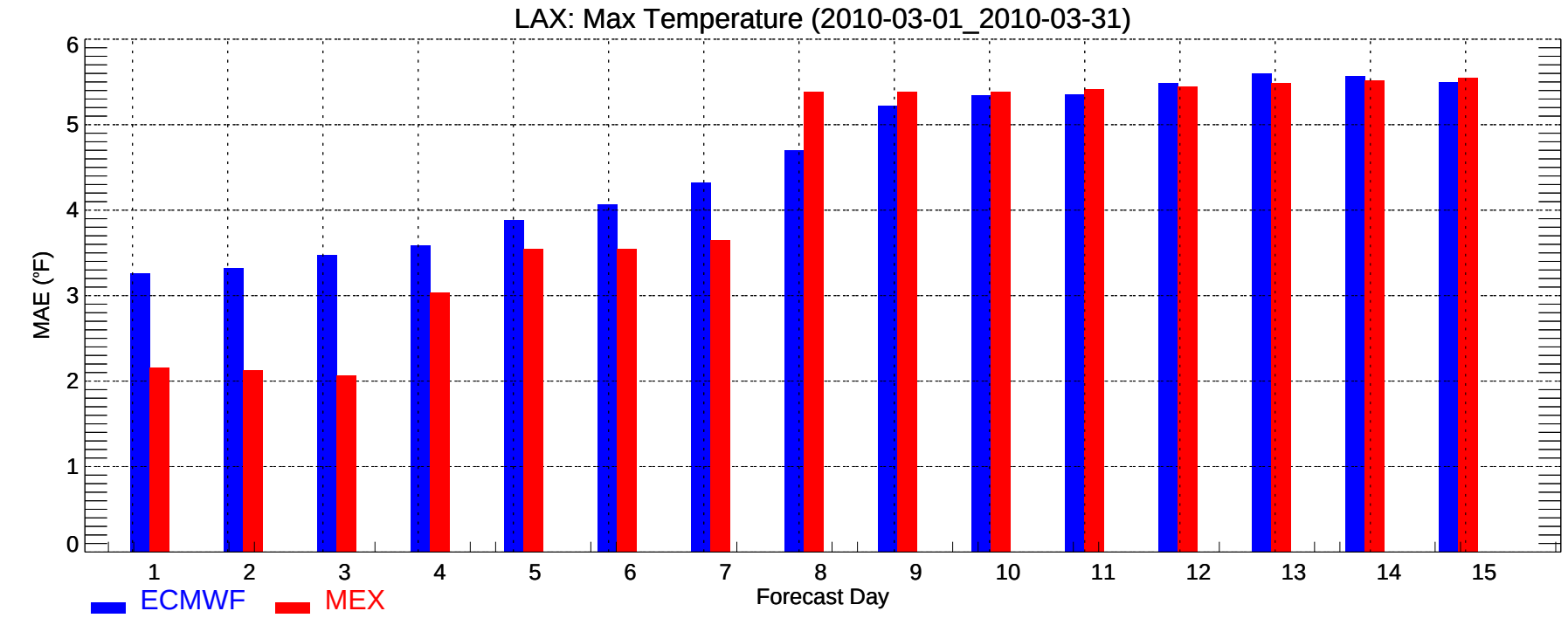
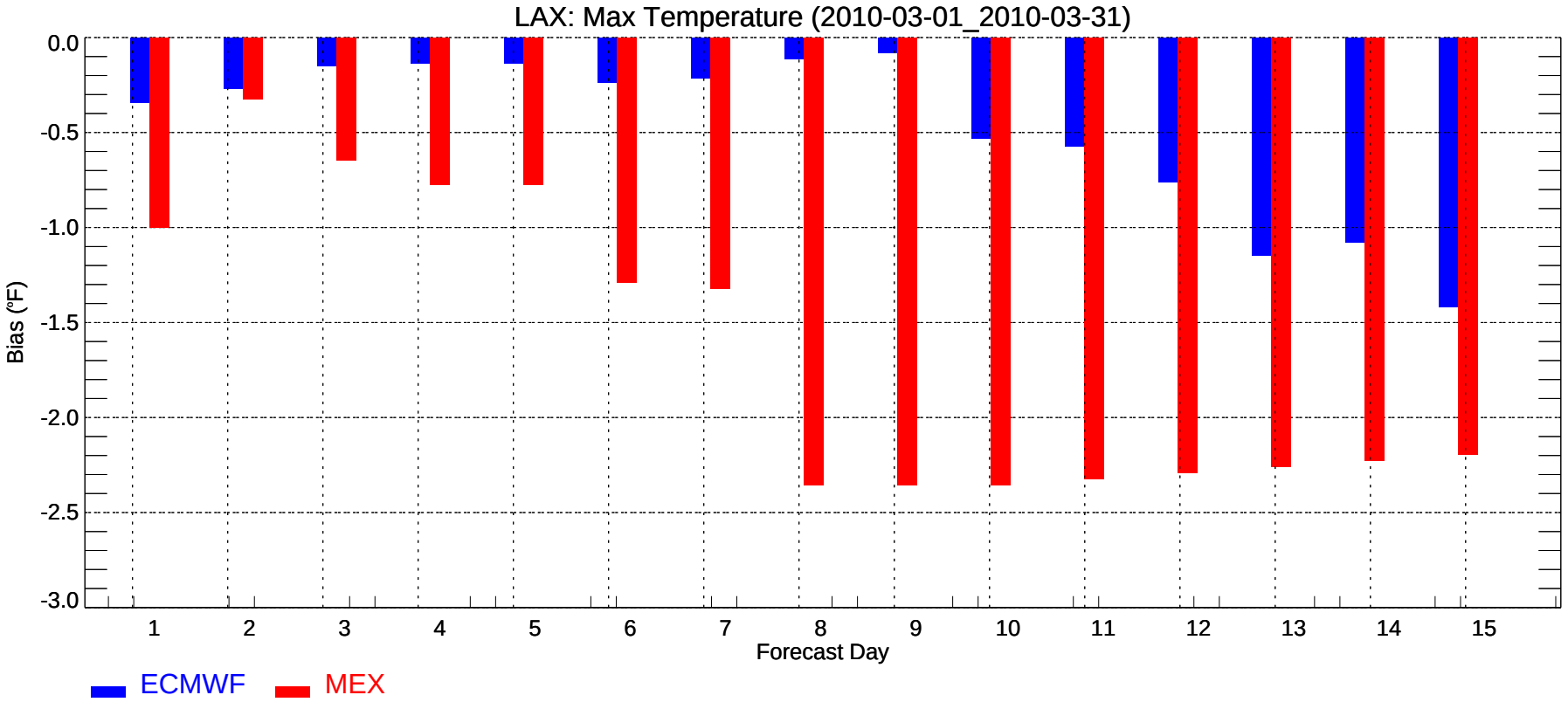
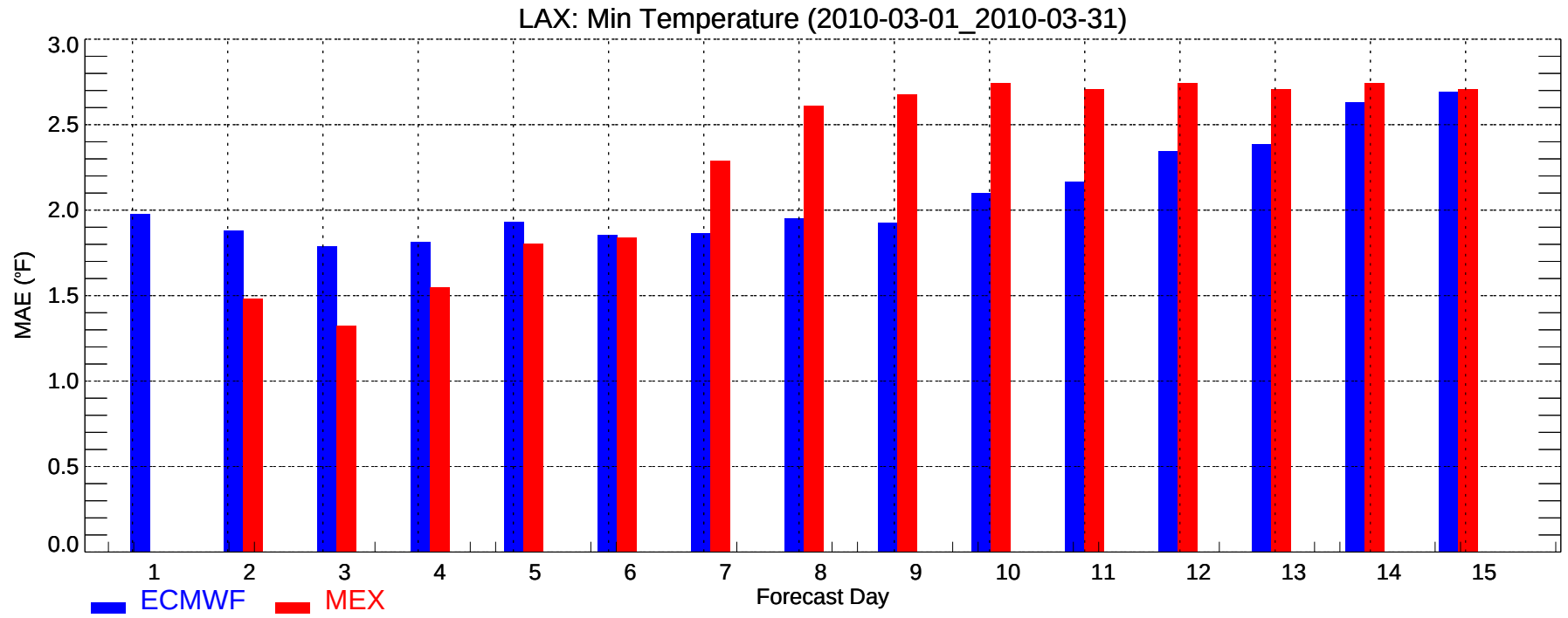
Forecast Day
ECMWF
MEX


LAX: Max Temperature (2010-03-01_2010-03-31)
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 (2010-03-01_2010-03-31)
Bias (°F)
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
-3.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


LAX: Min Temperature (2010-03-01_2010-03-31)
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
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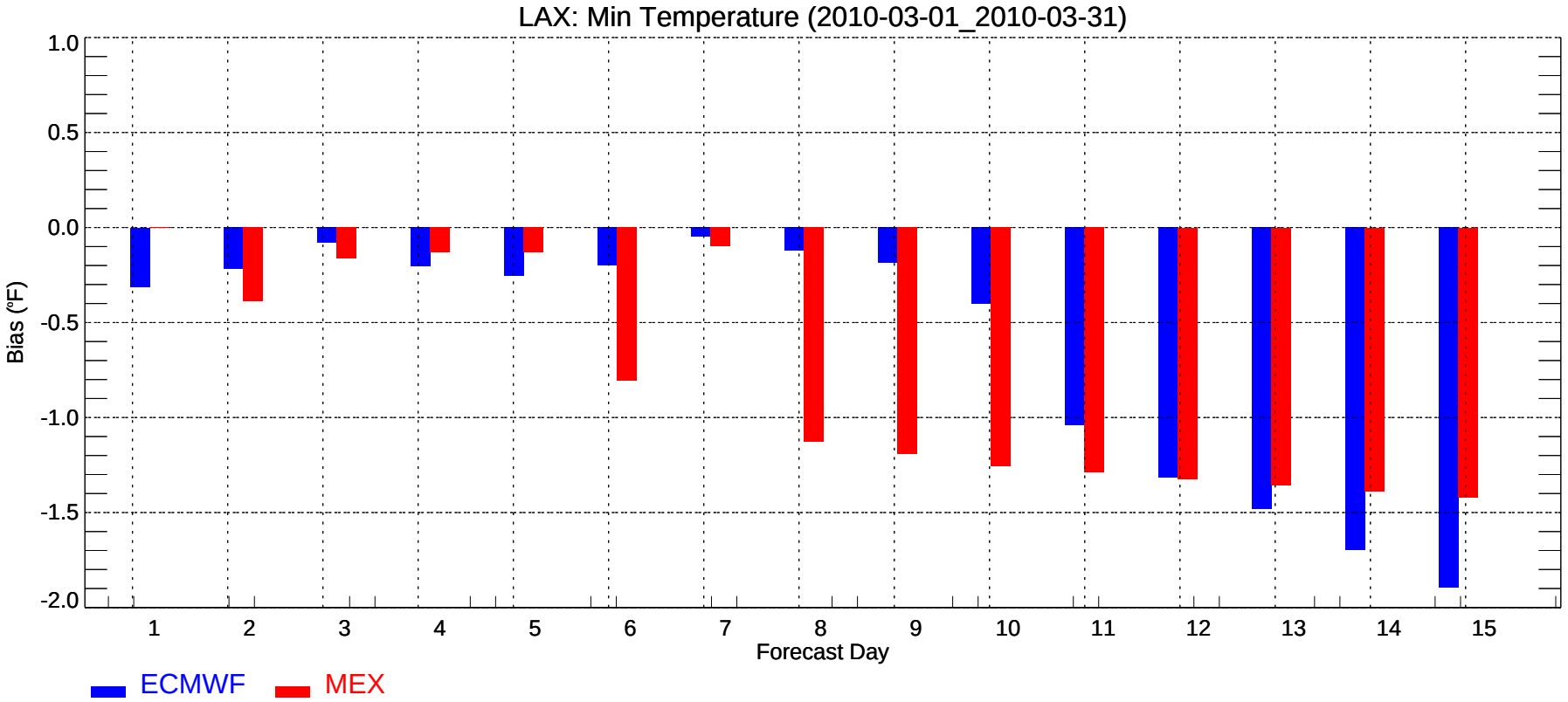
12
13
14
15
Forecast Day
ECMWF
MEX


LAX: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
1
2
3
4
5
6
7
8
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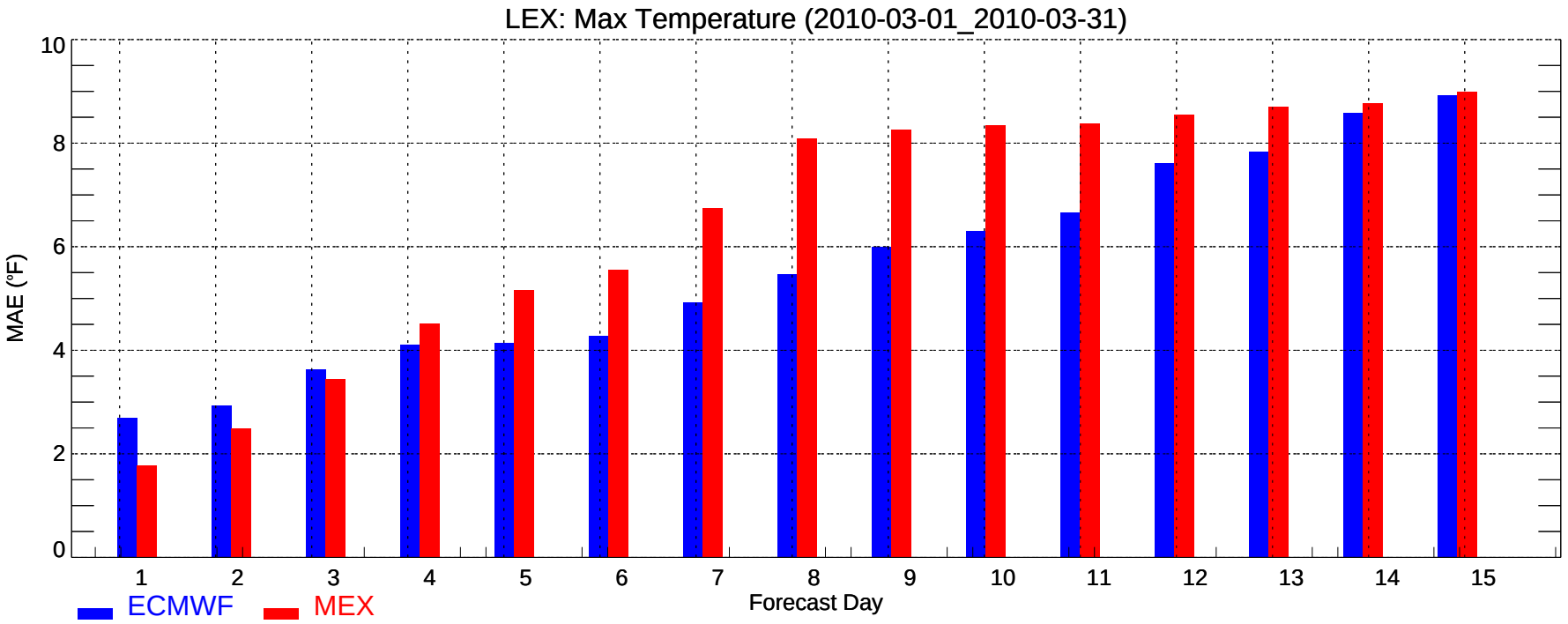
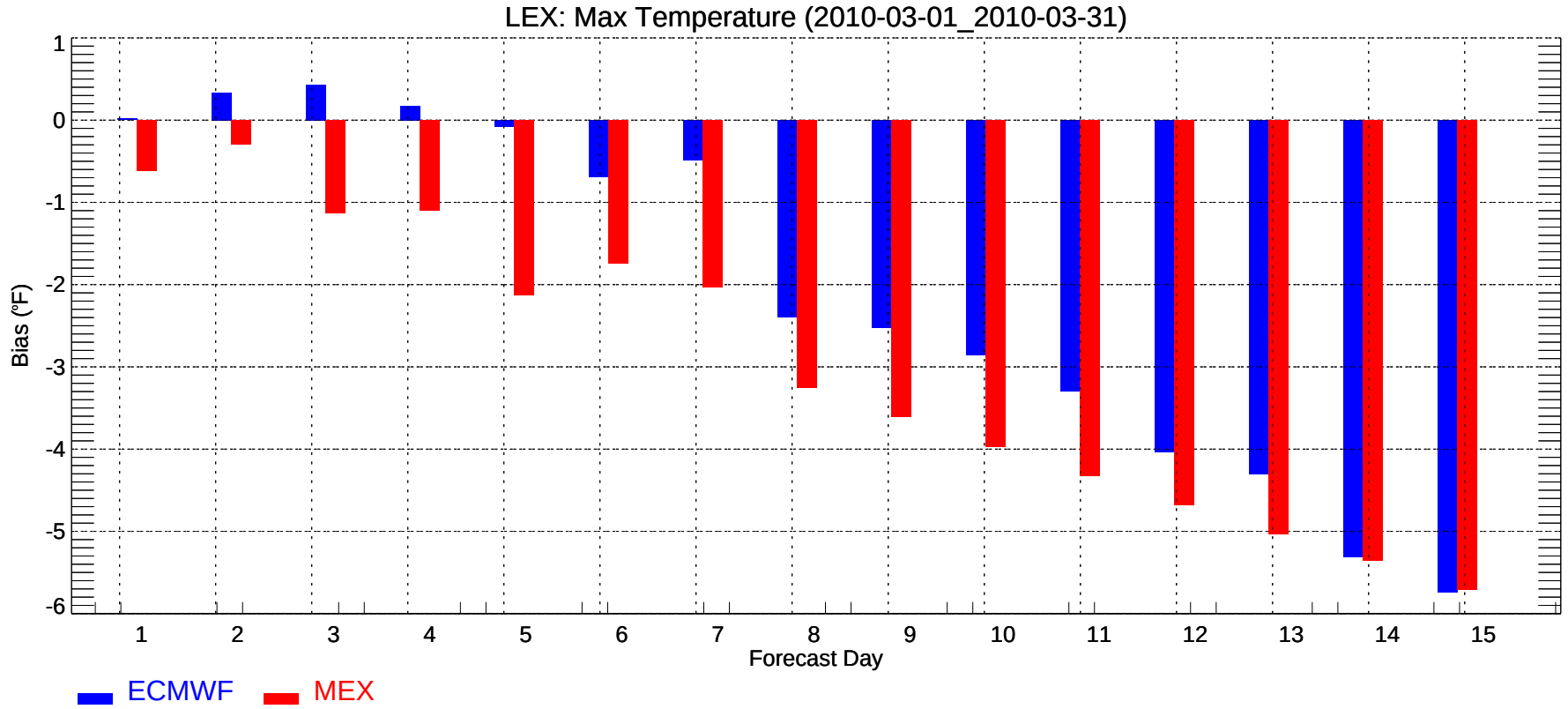
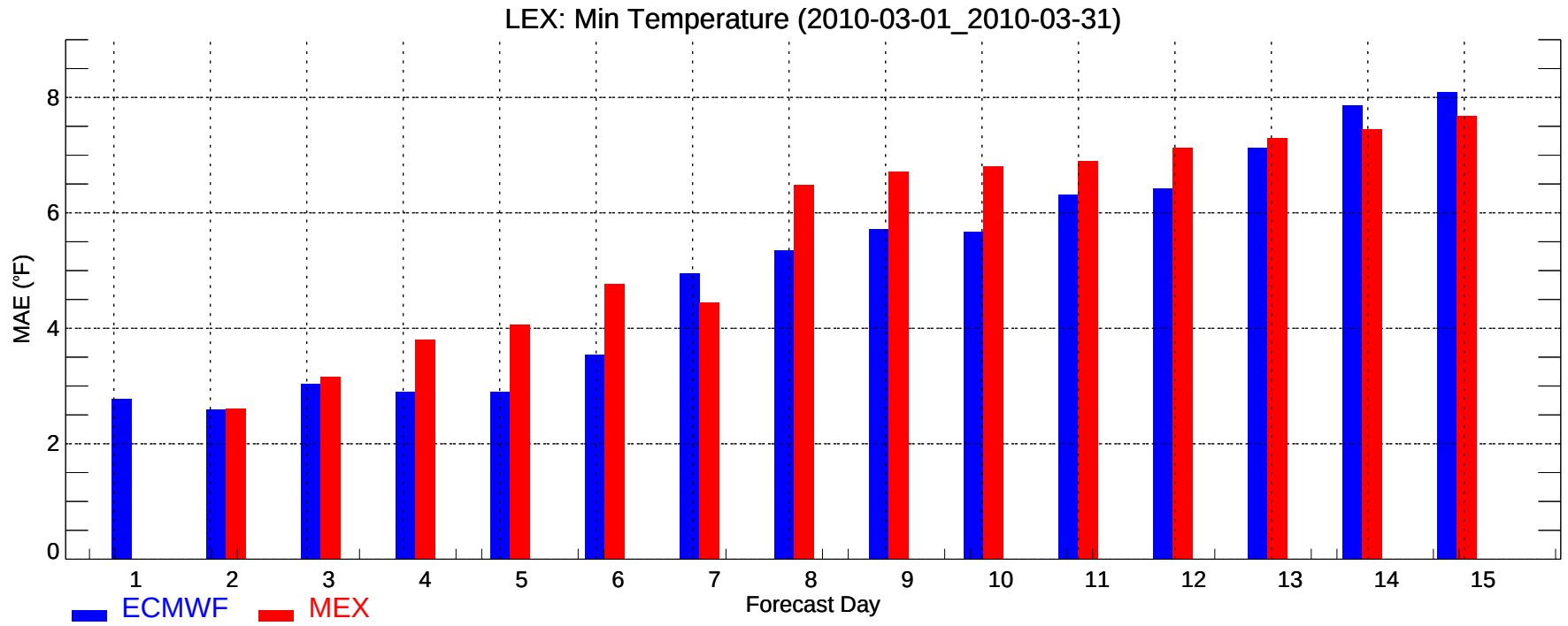
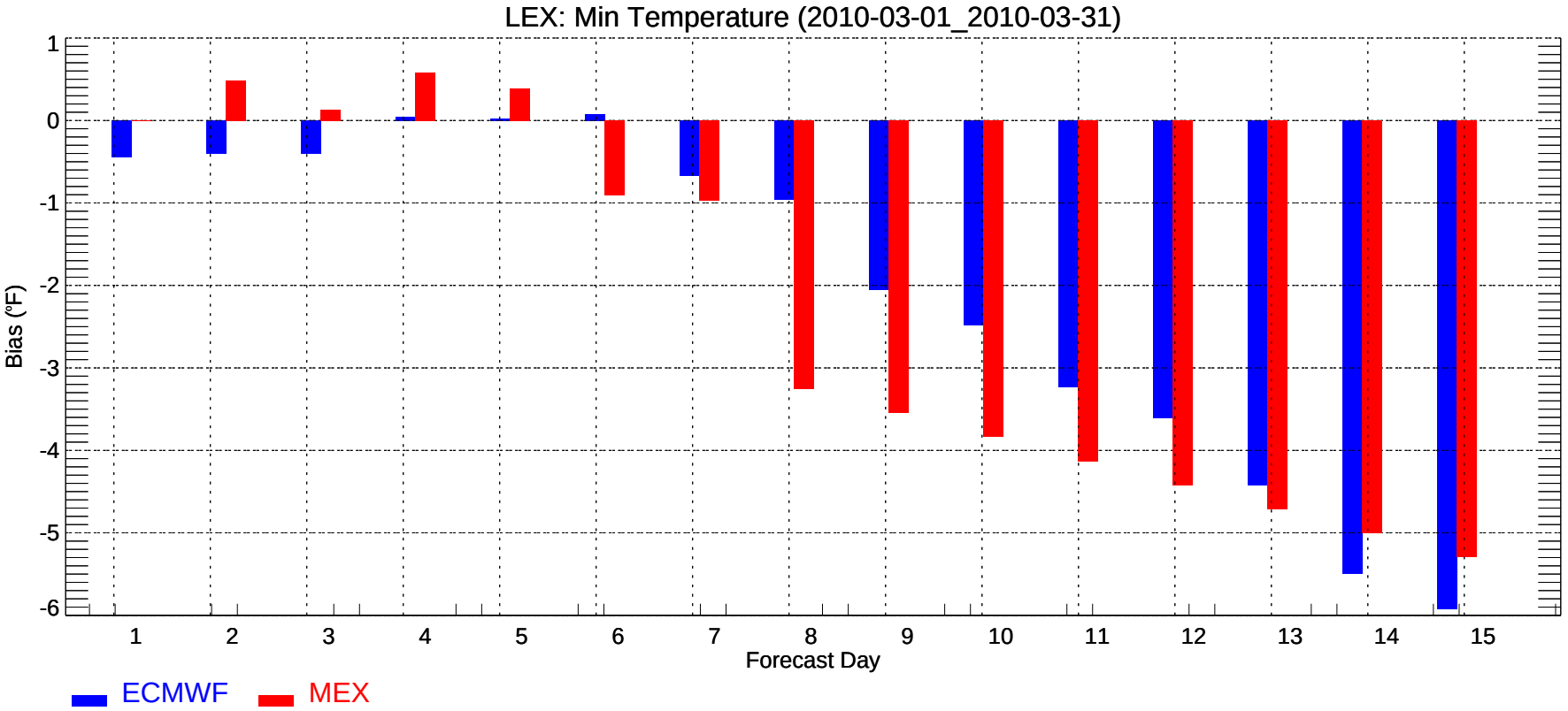
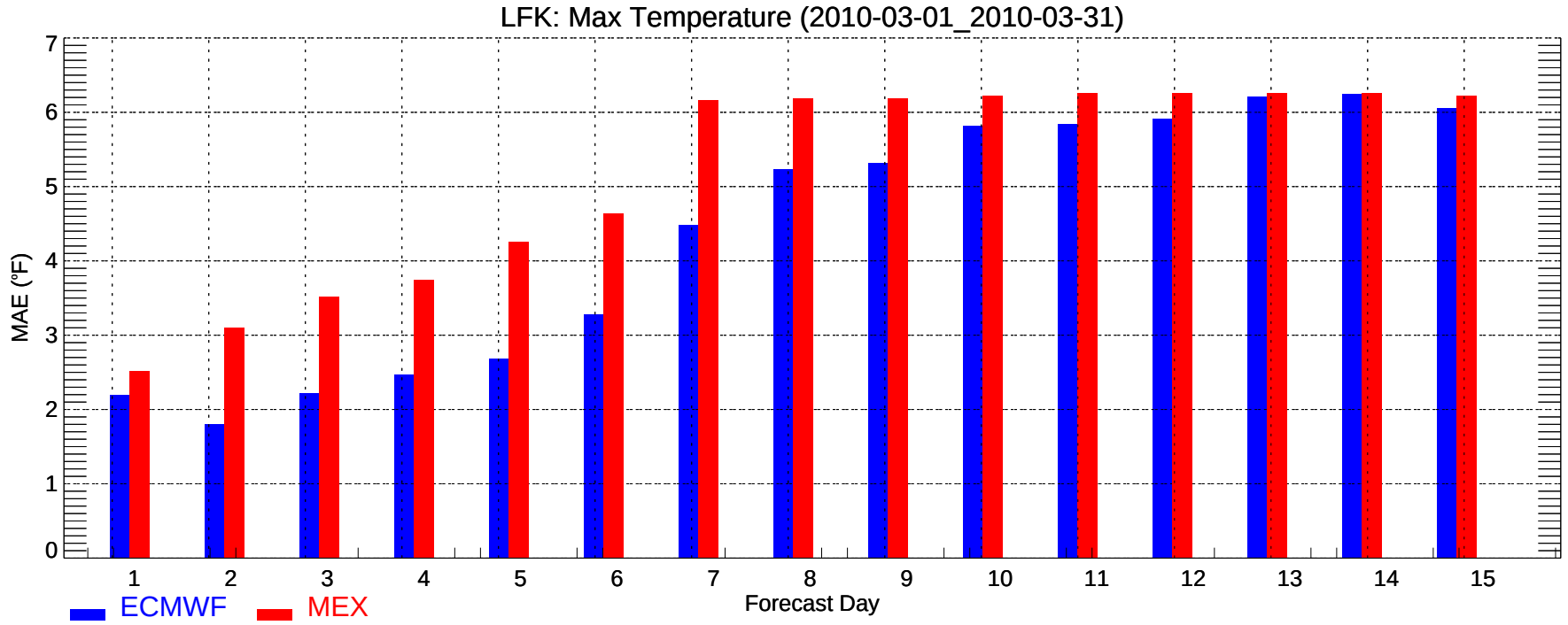
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

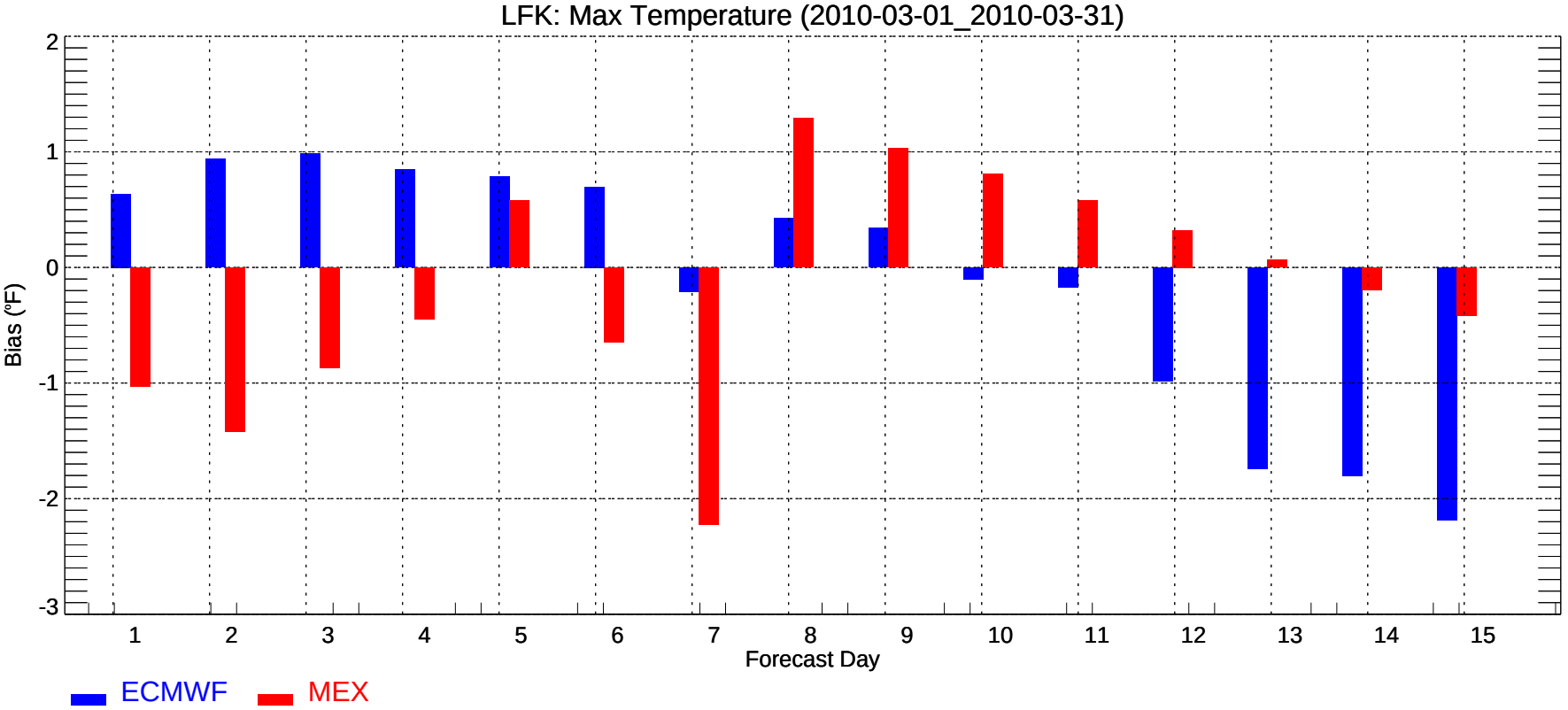

LEX: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

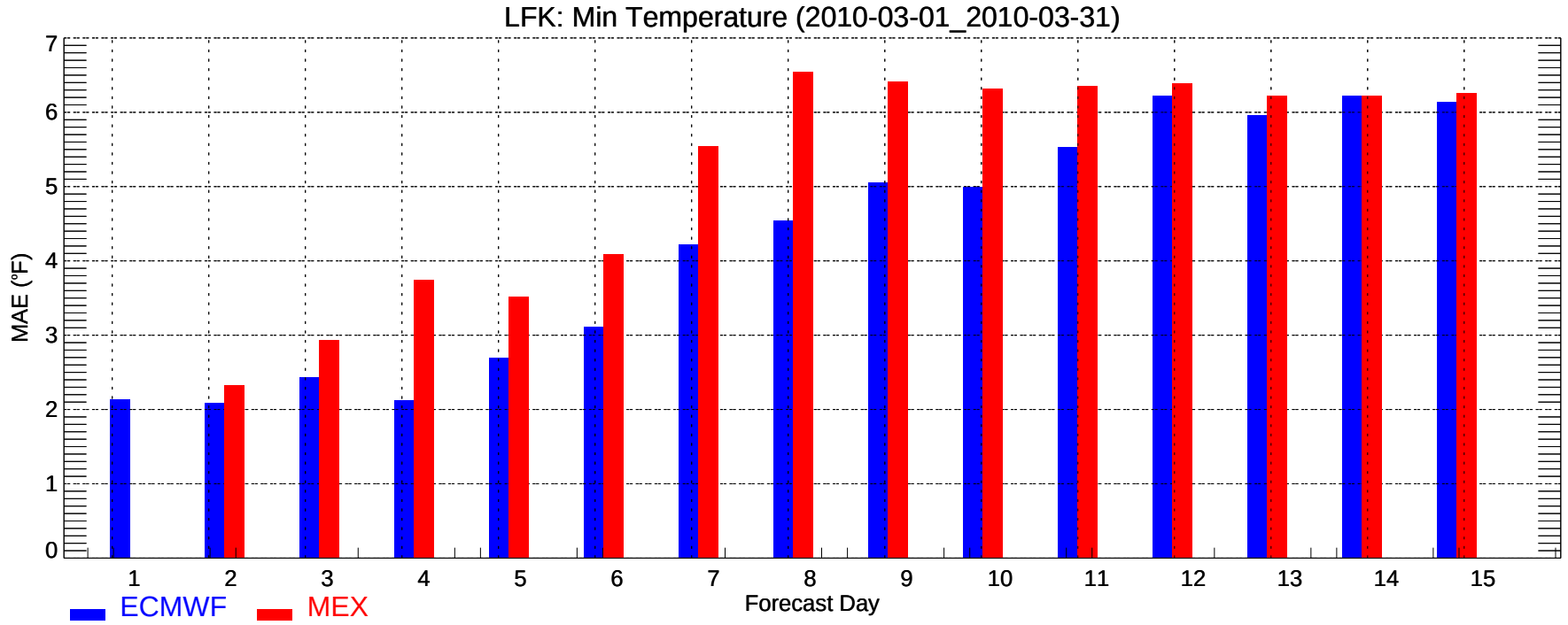

LEX: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

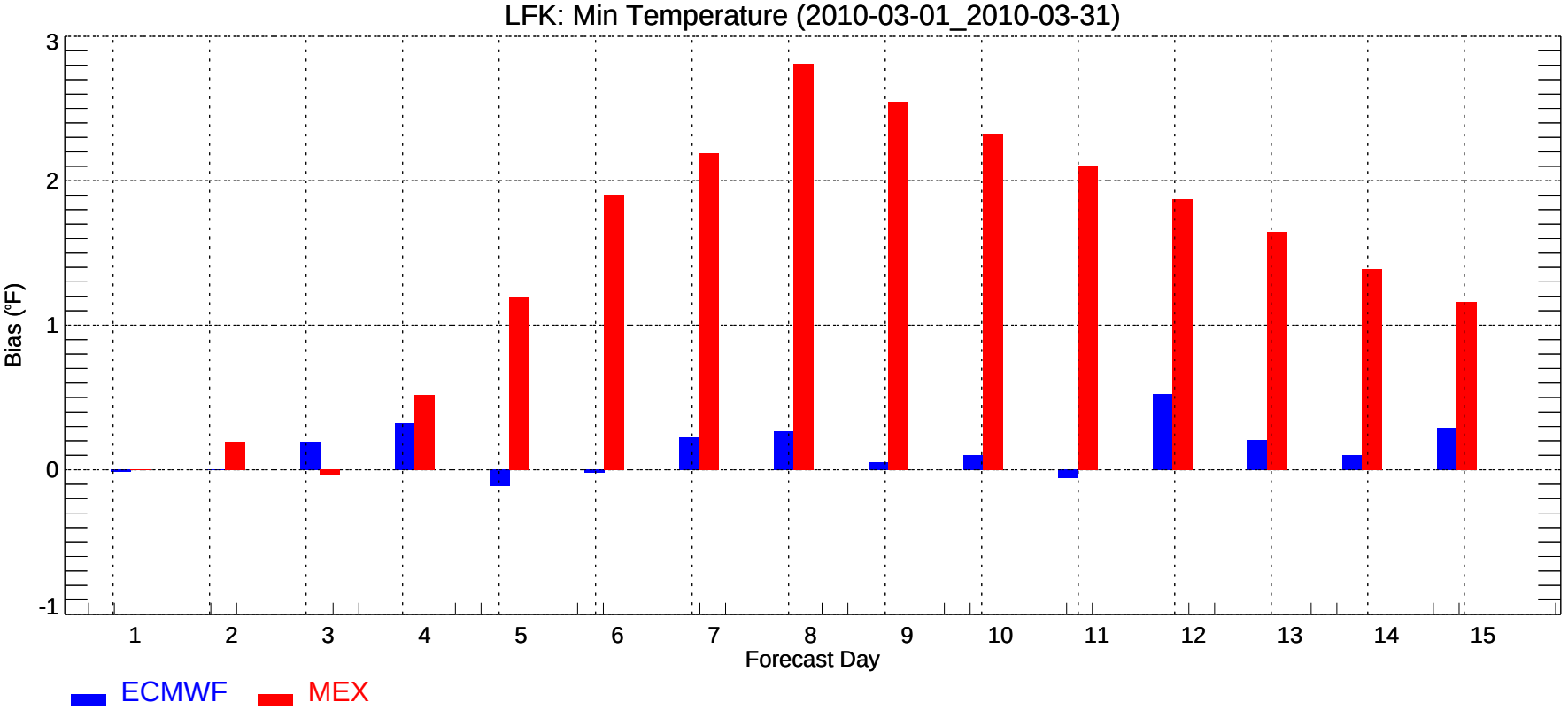

LEX: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

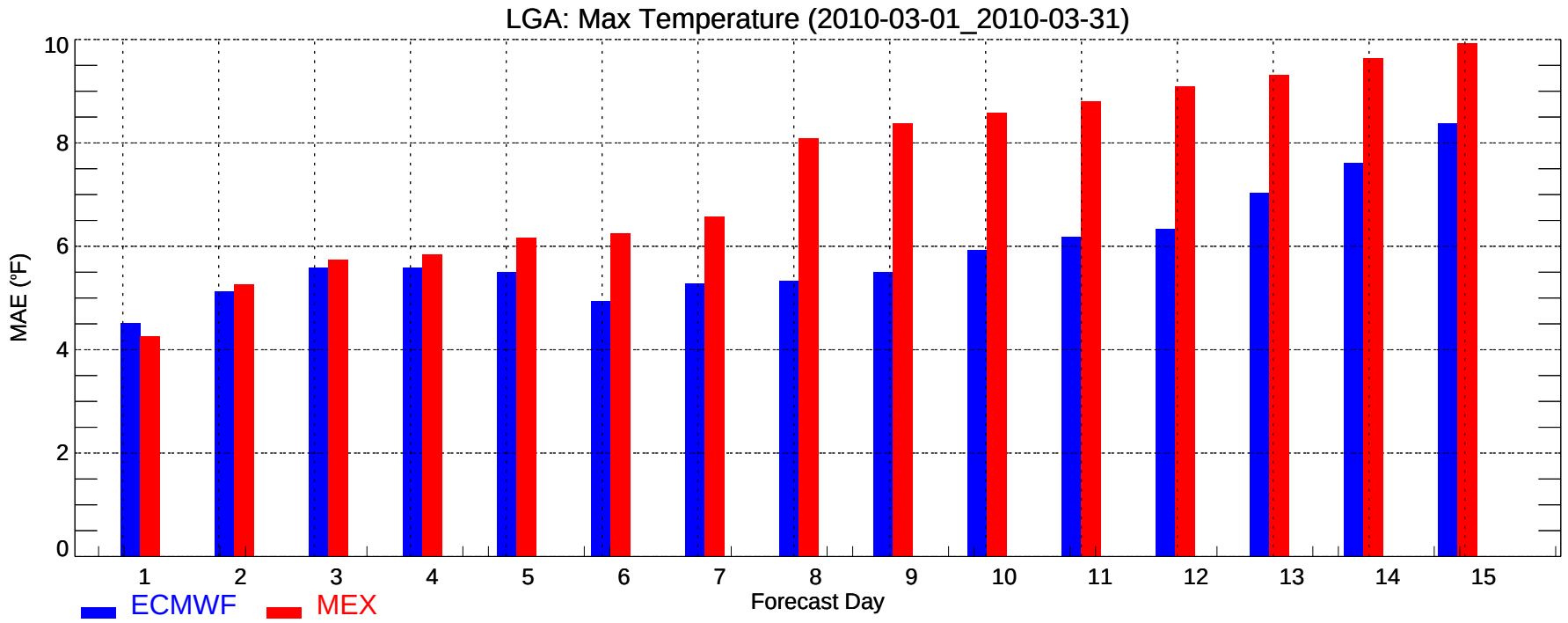

LEX: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

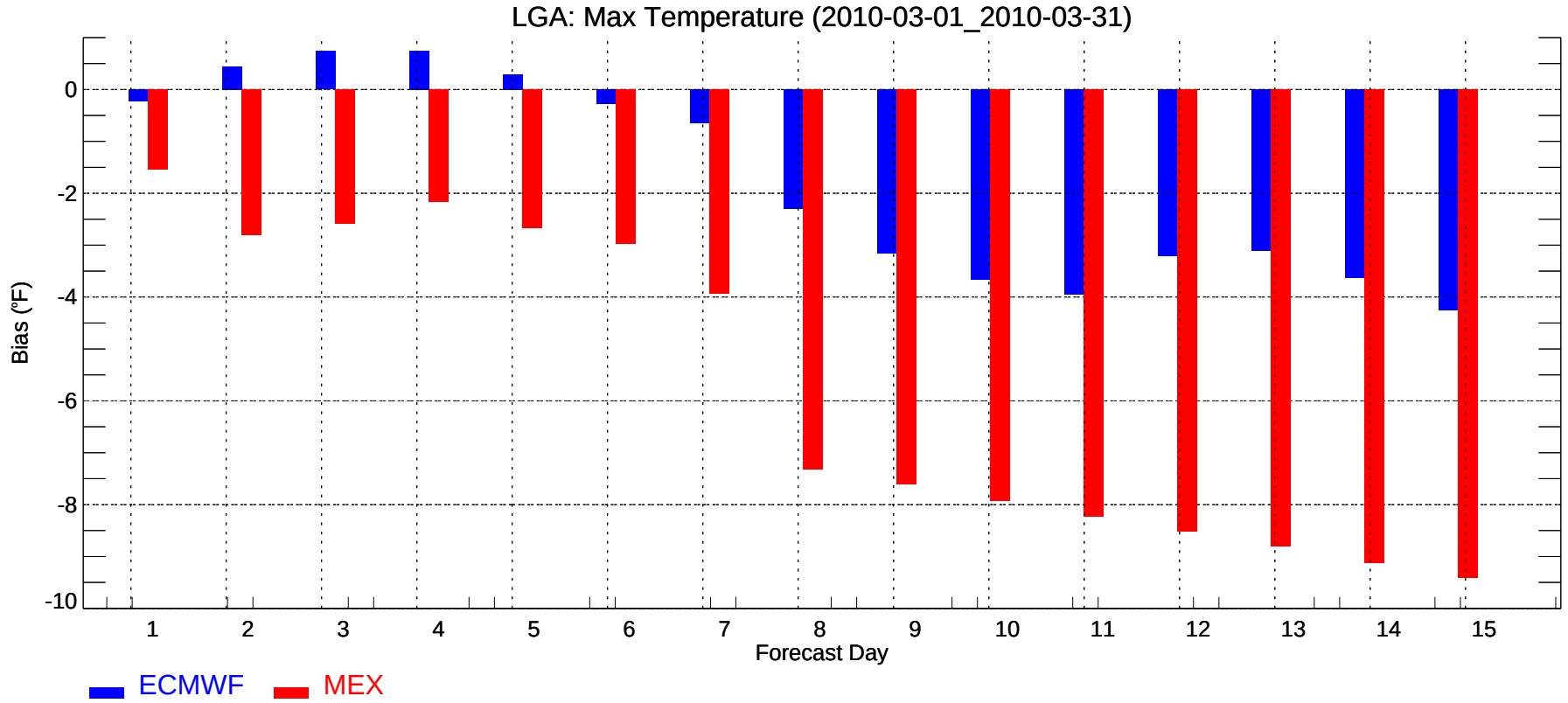

LFK: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

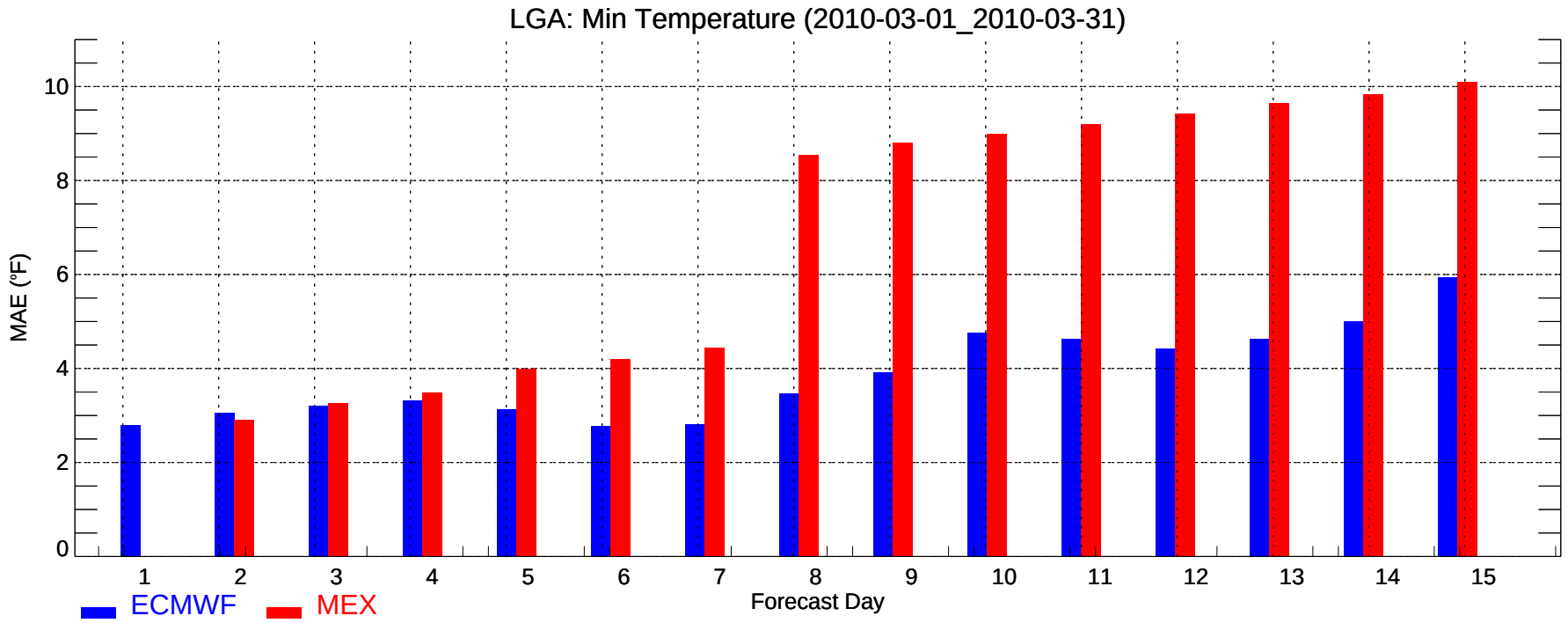

LFK: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

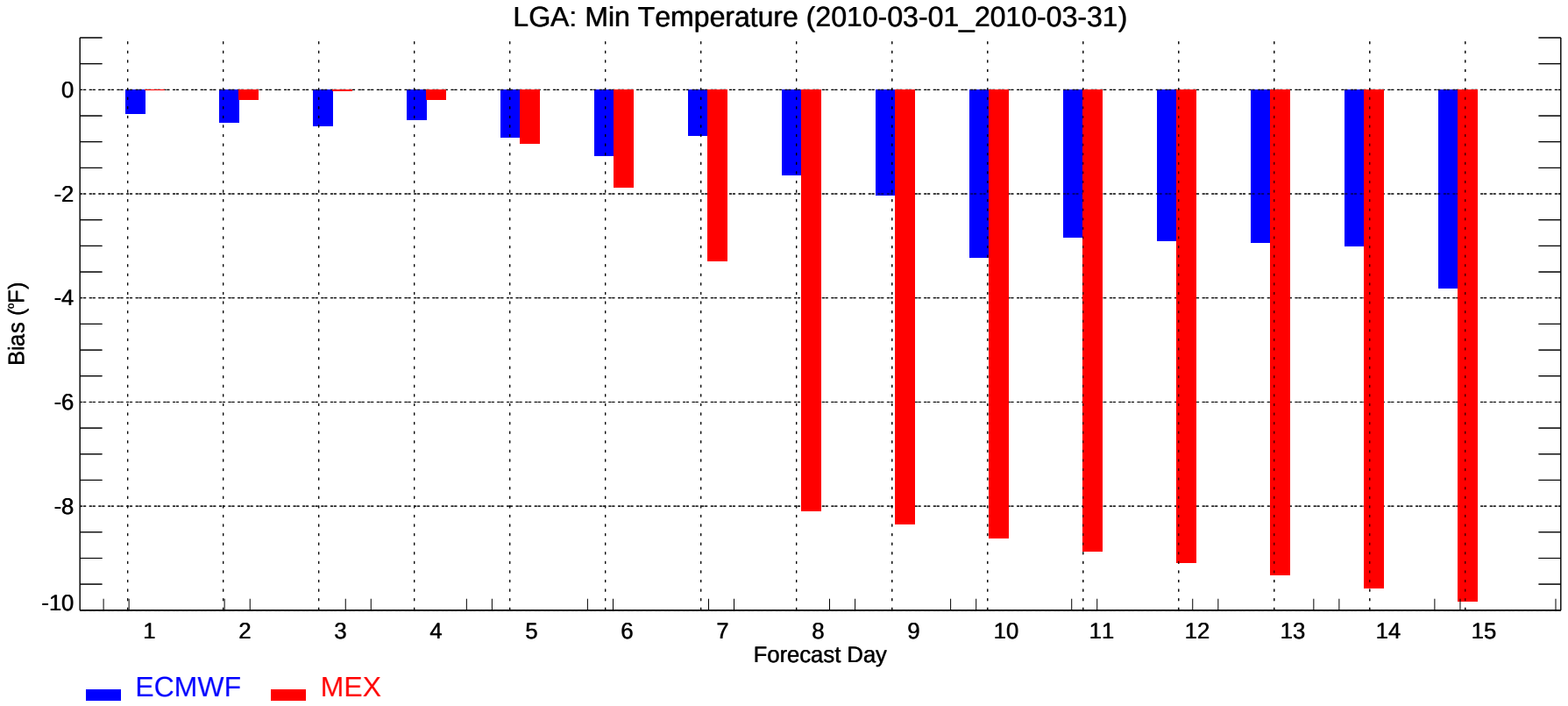

LFK: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

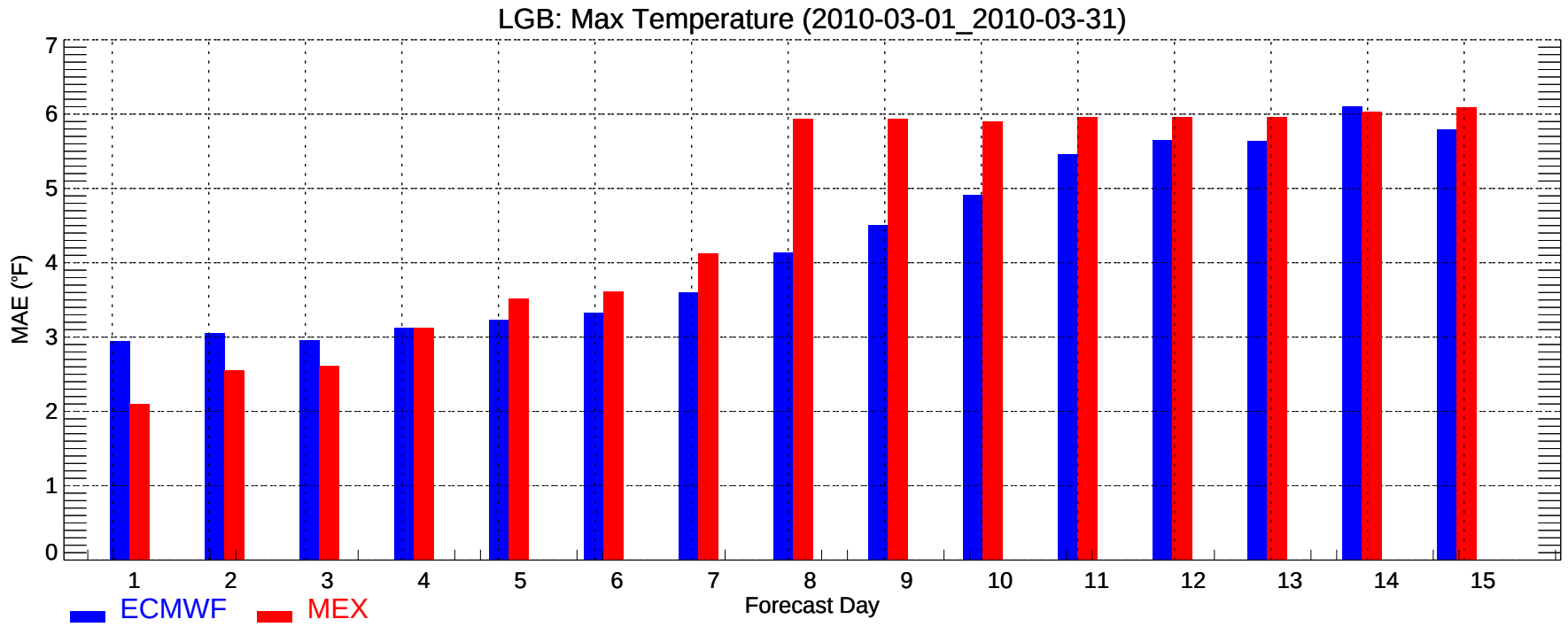

LFK: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

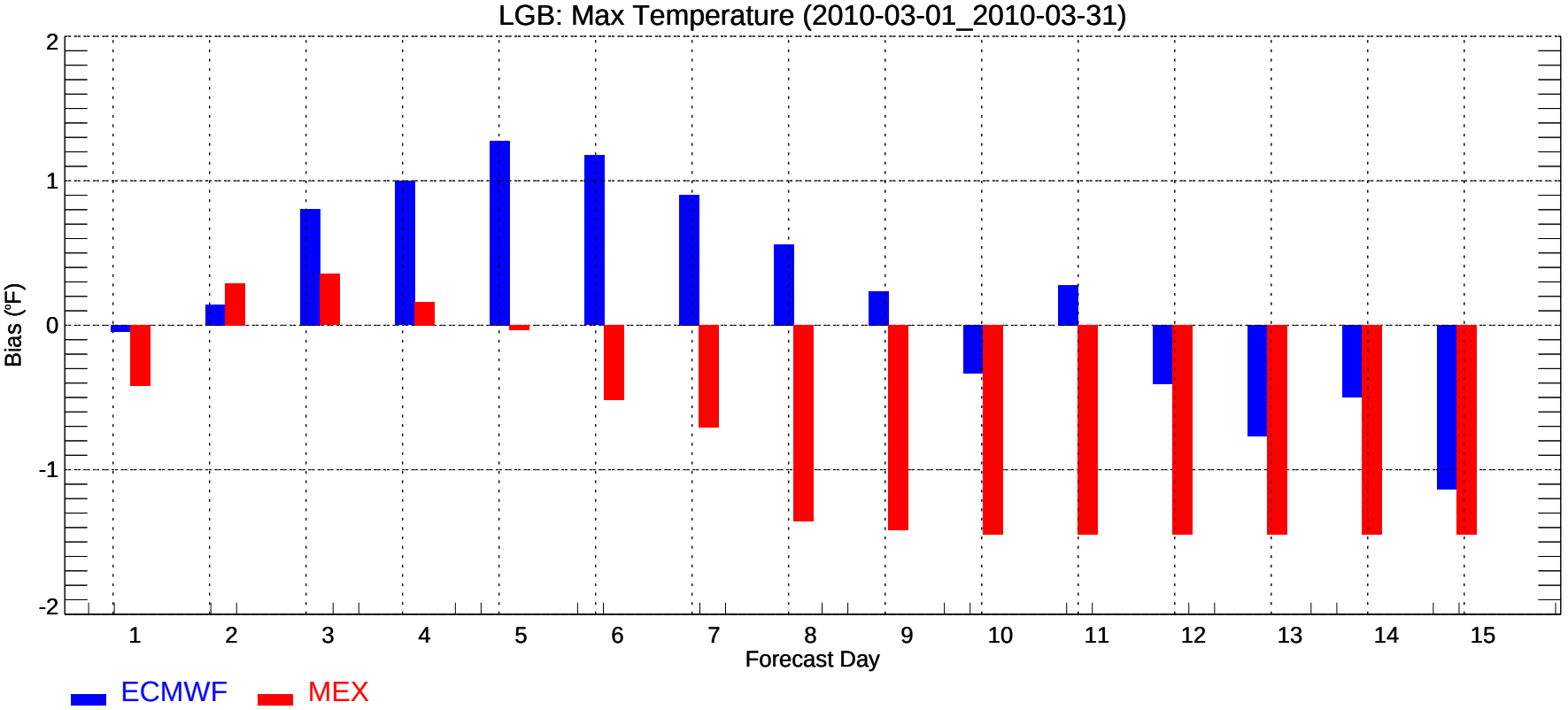

LGA: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
10
8
6
4
2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

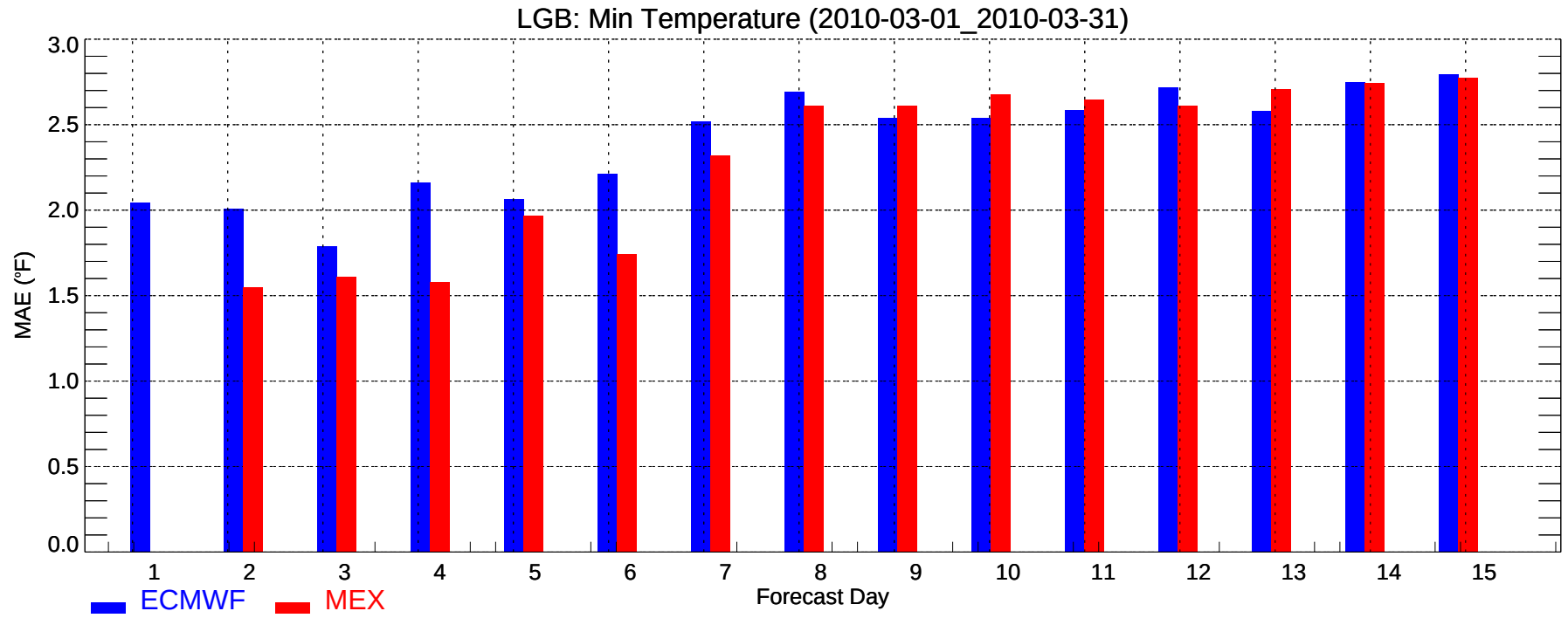

LGA: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

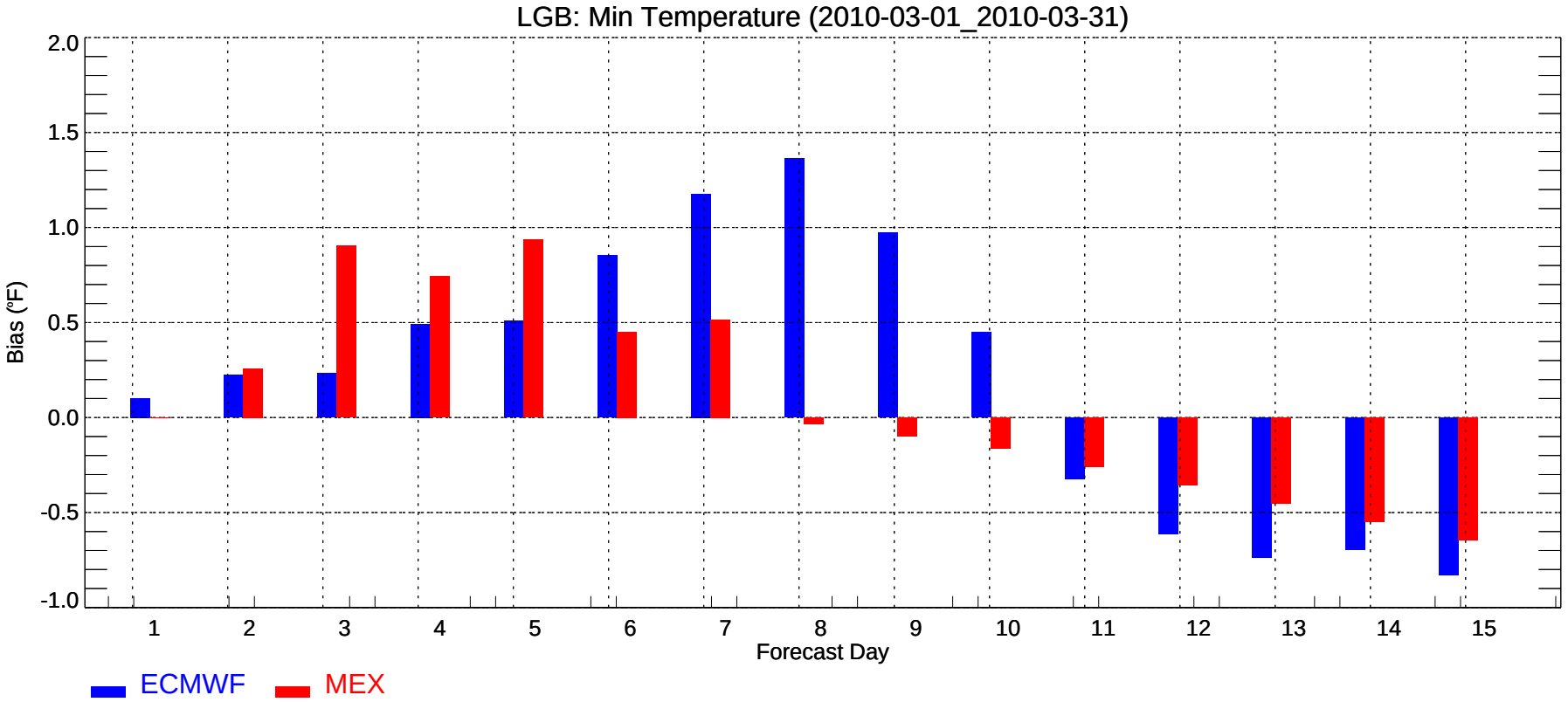

LGA: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

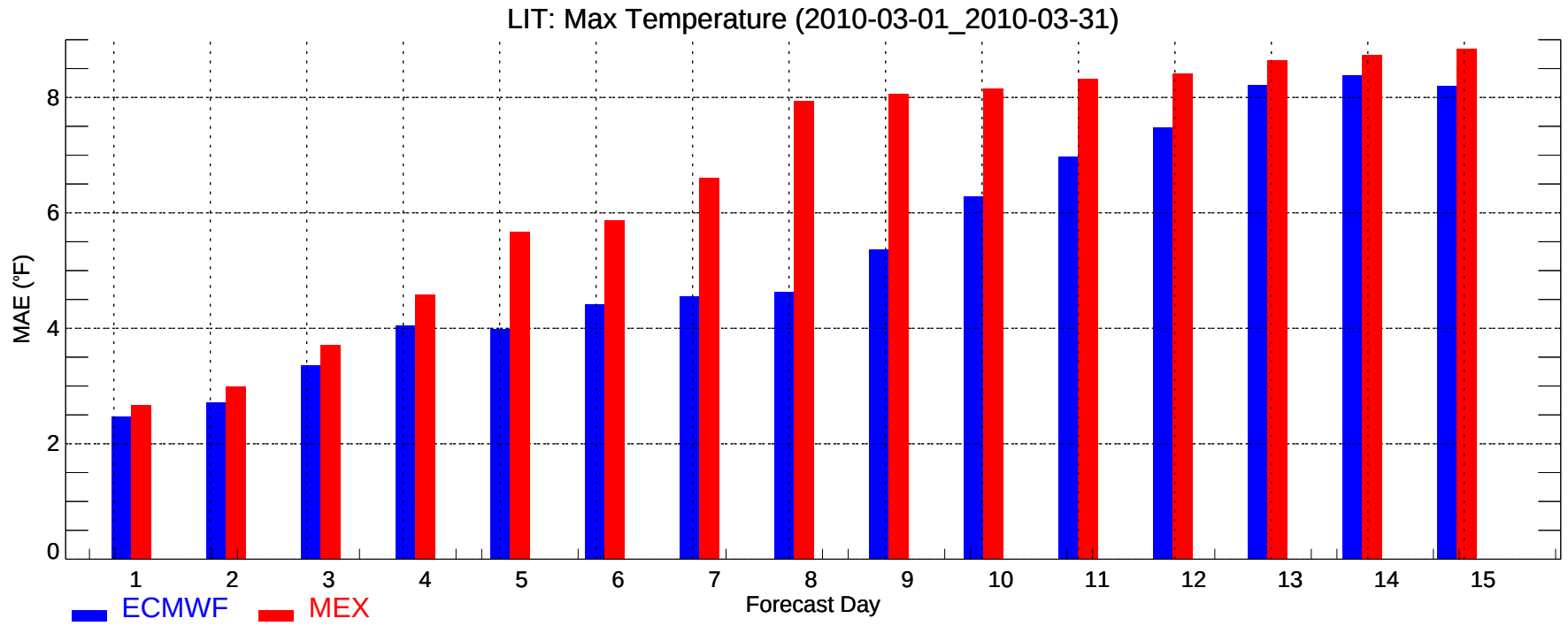

LGA: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

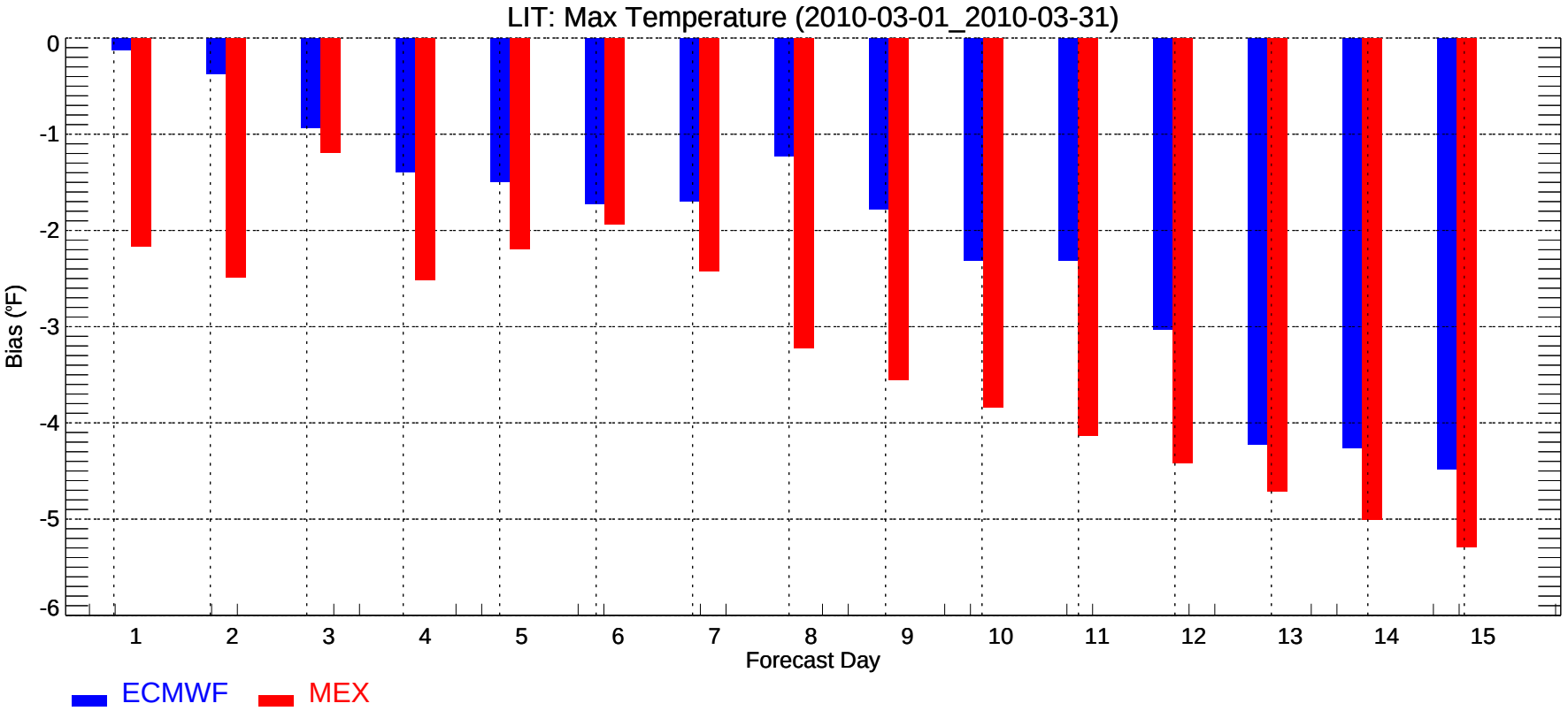

LGB: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

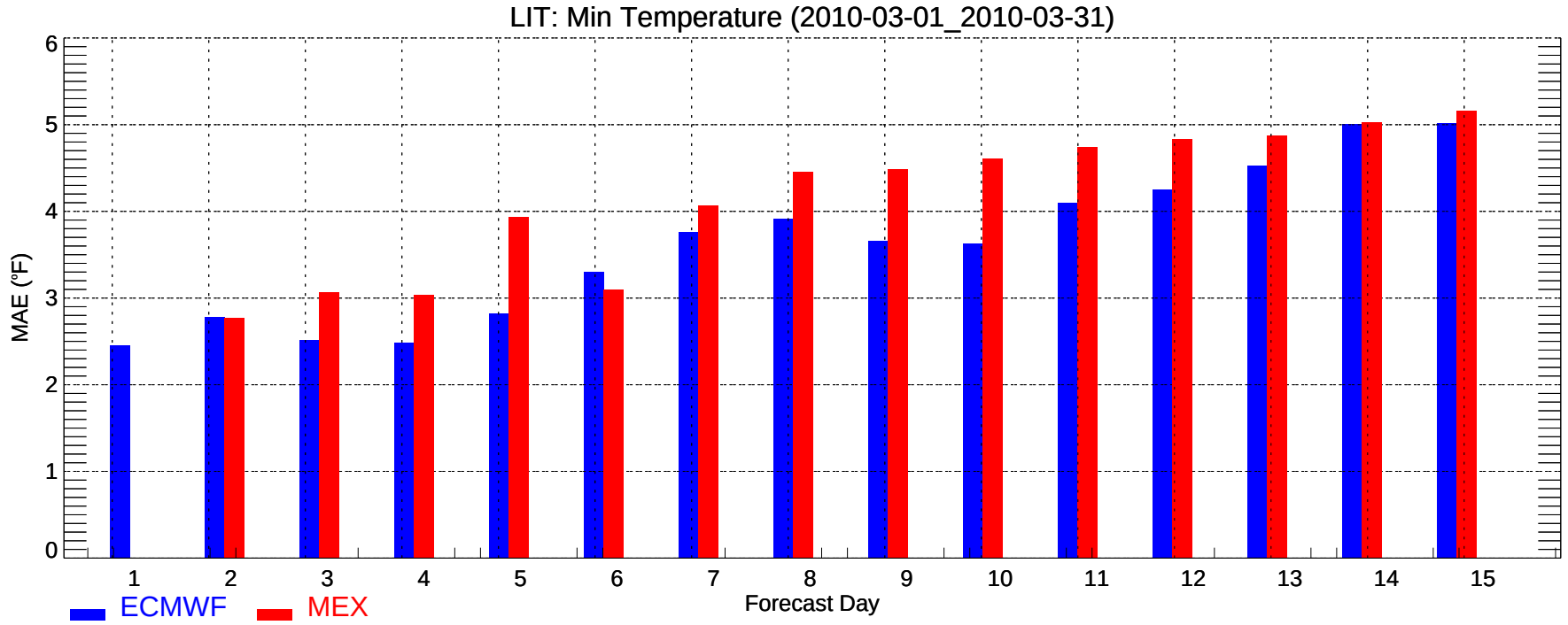

LGB: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

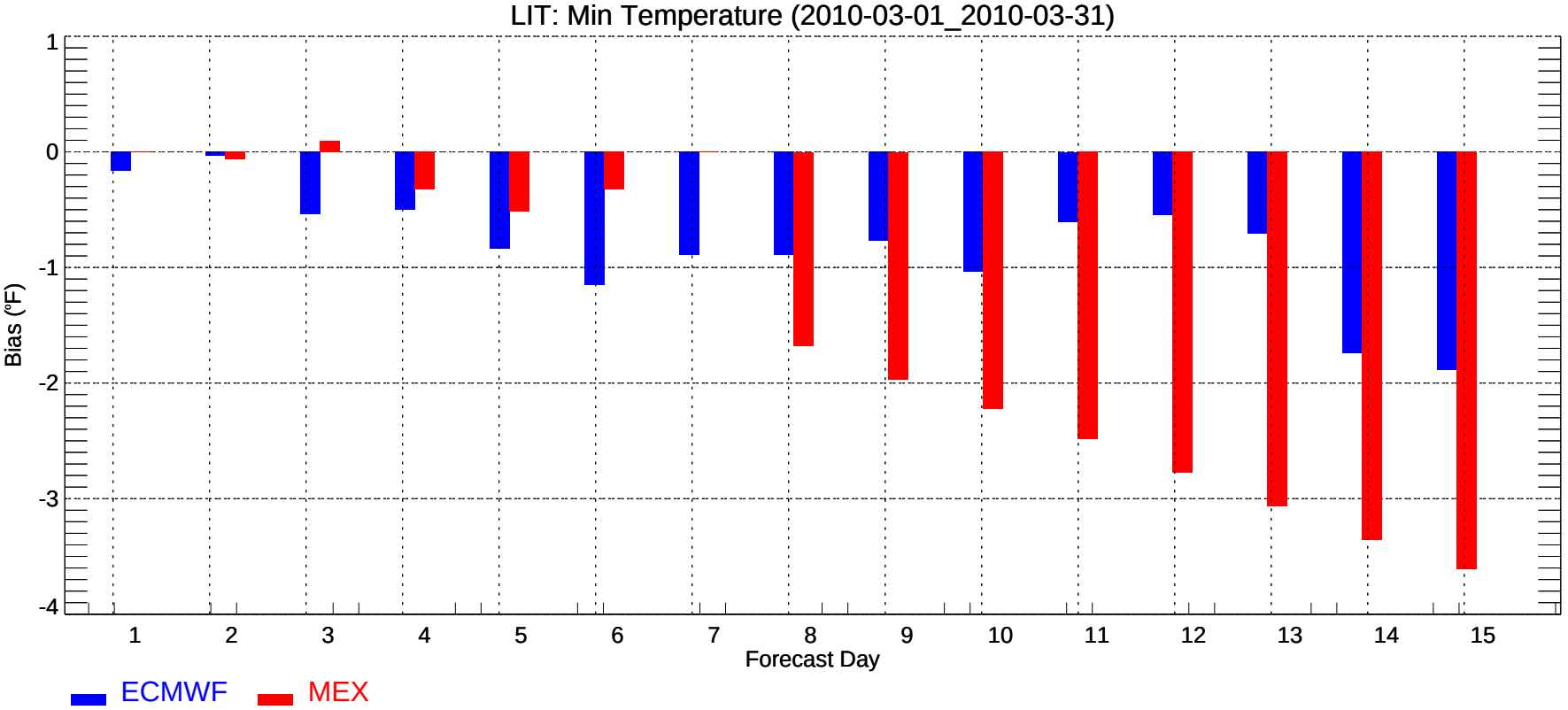

LGB: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

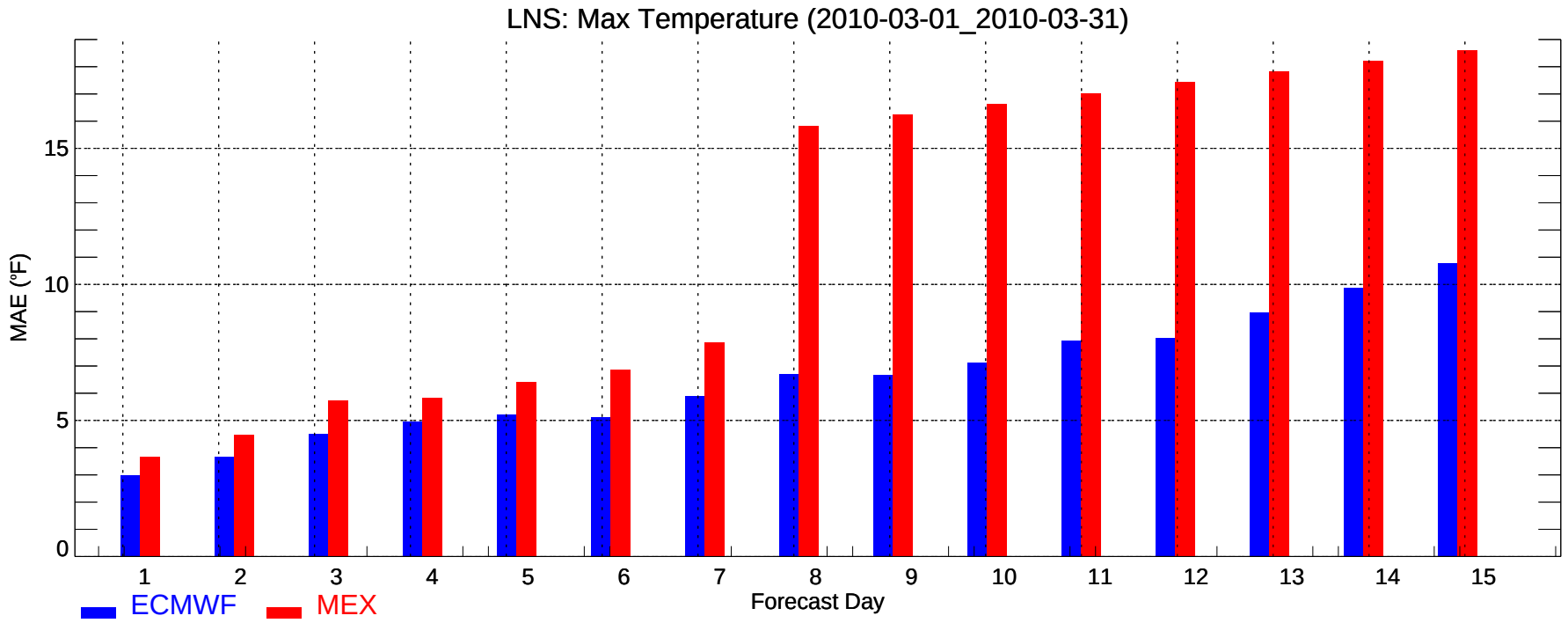

LGB: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

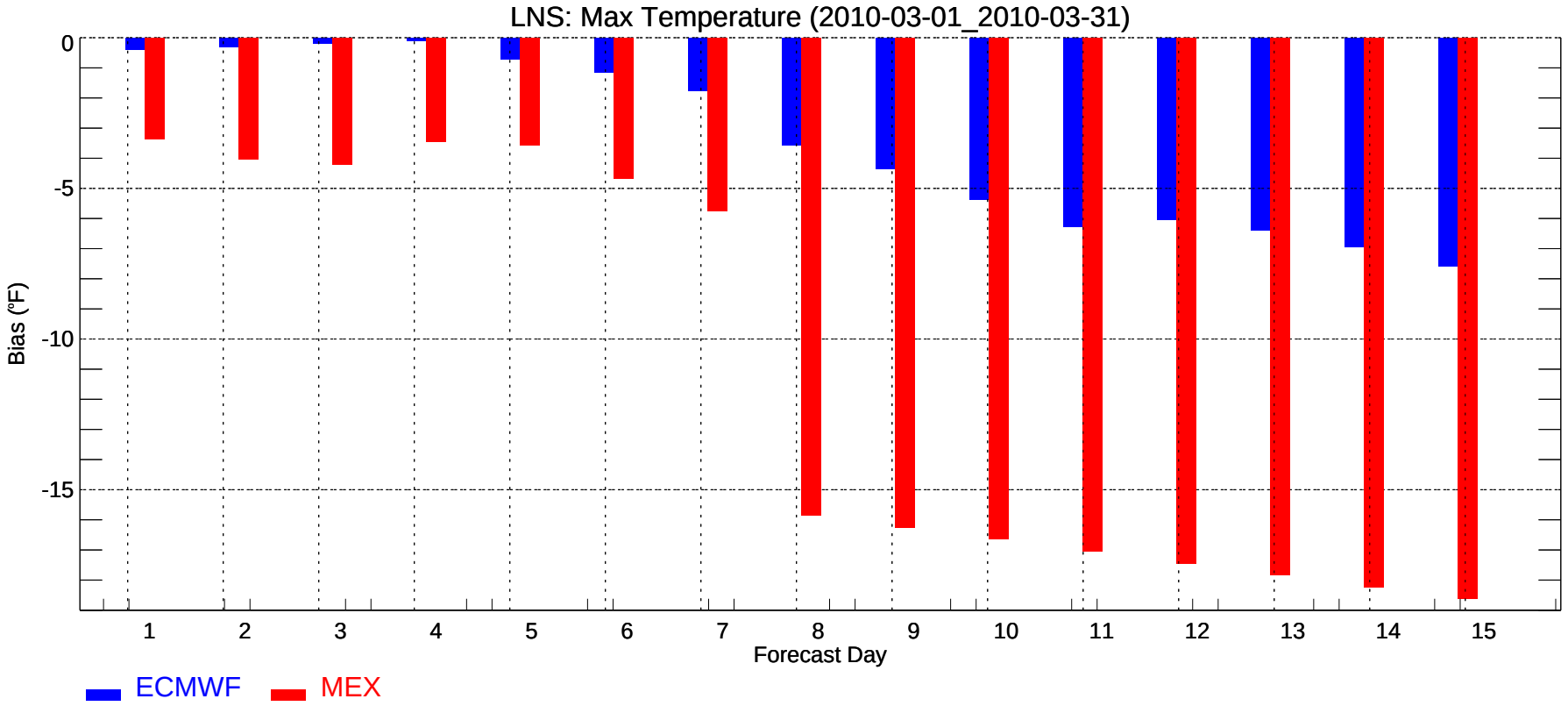

LIT: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

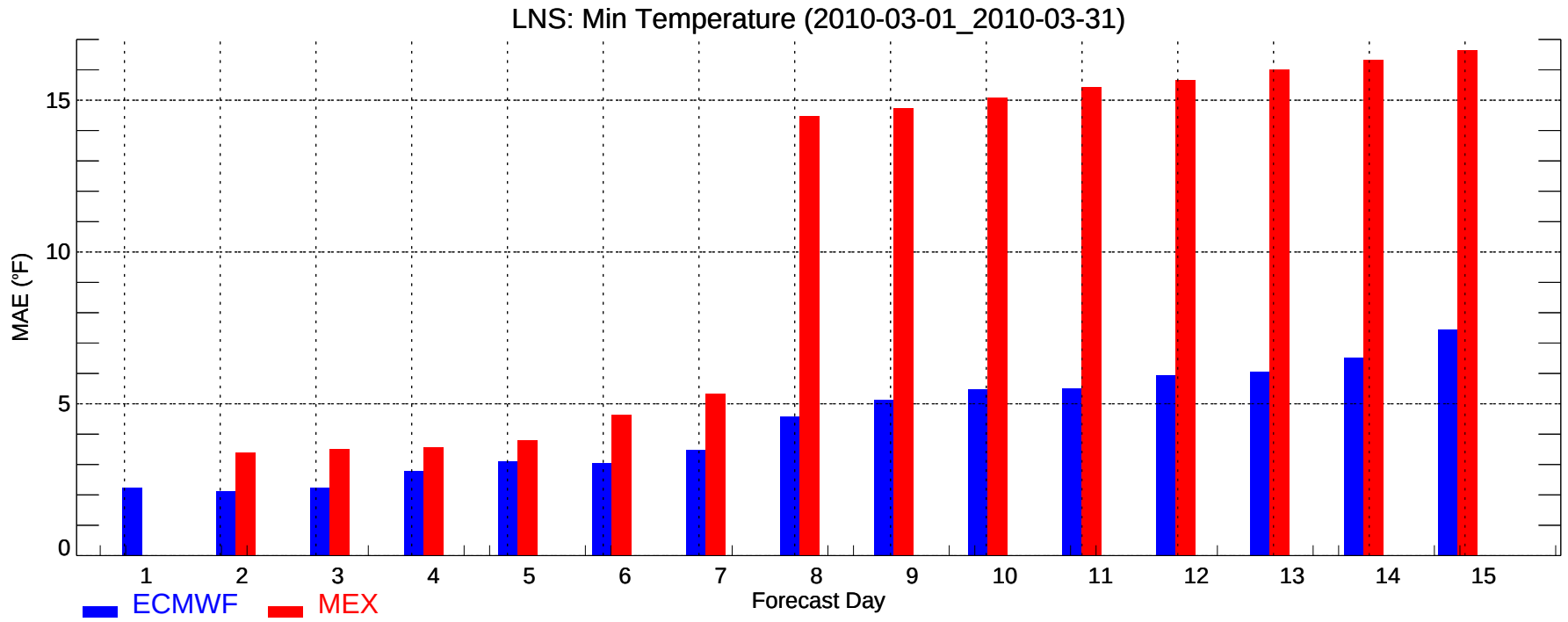

LIT: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

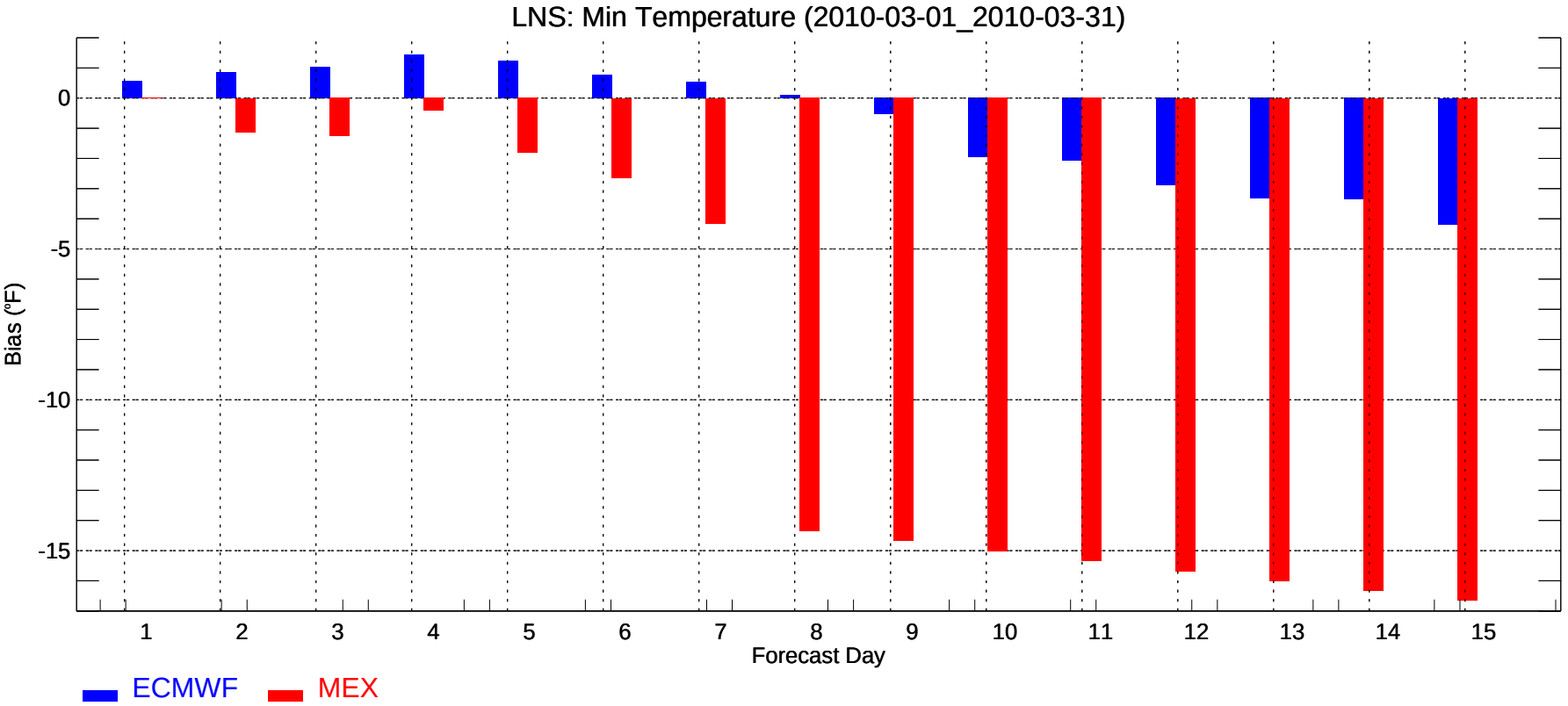

LIT: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

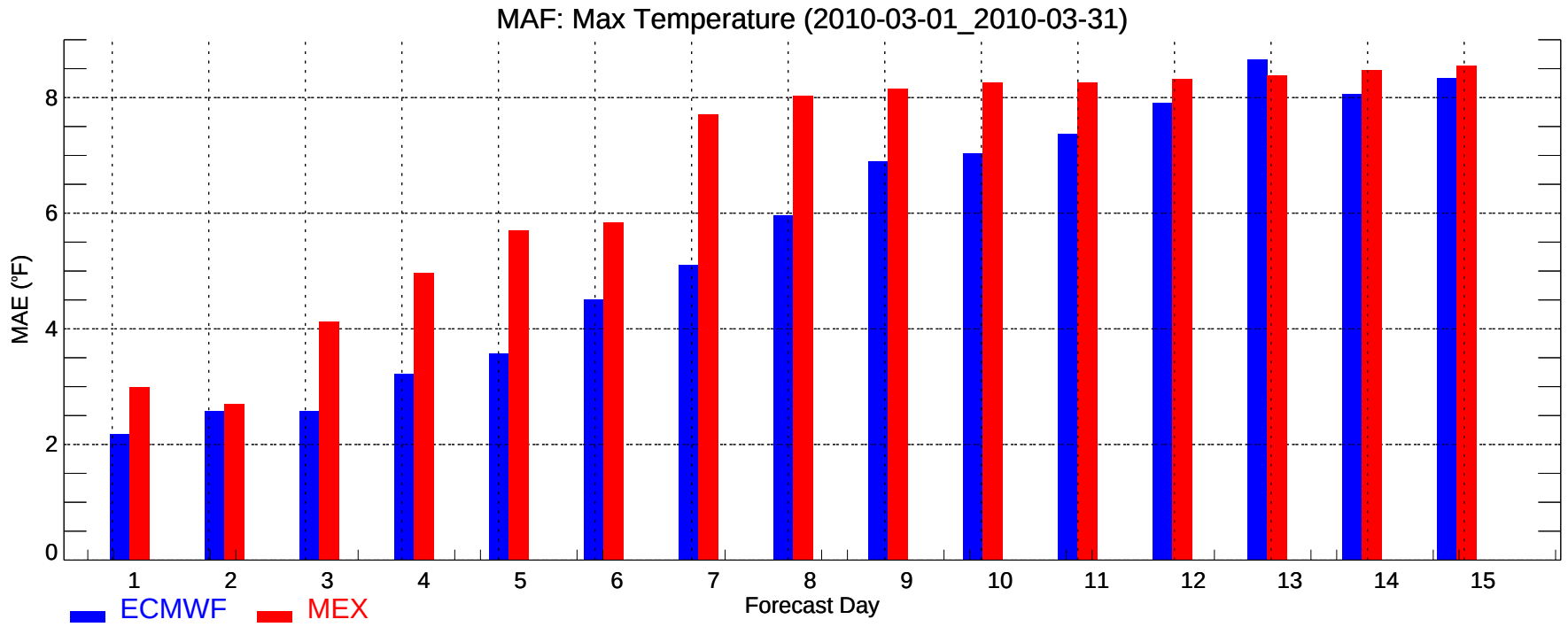

LIT: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

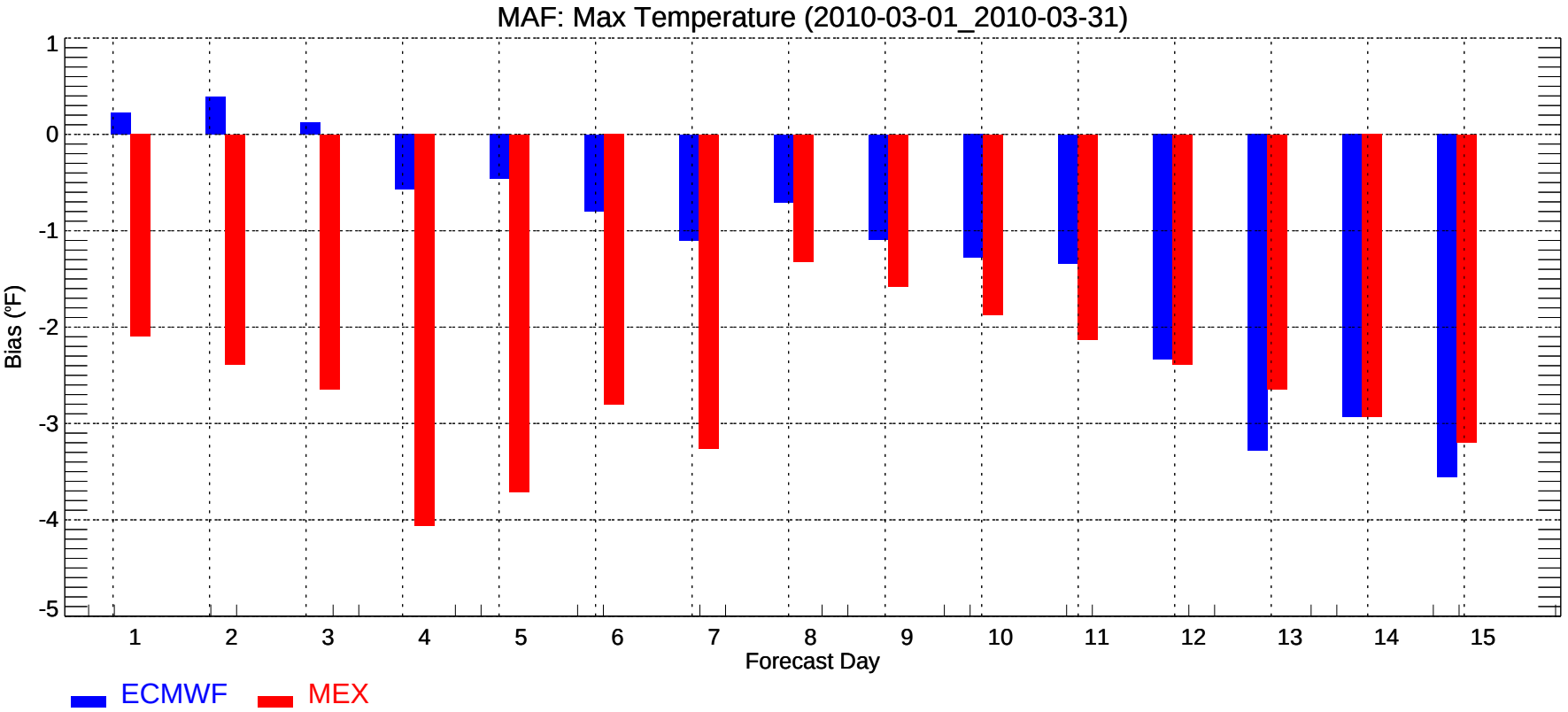

LNS: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

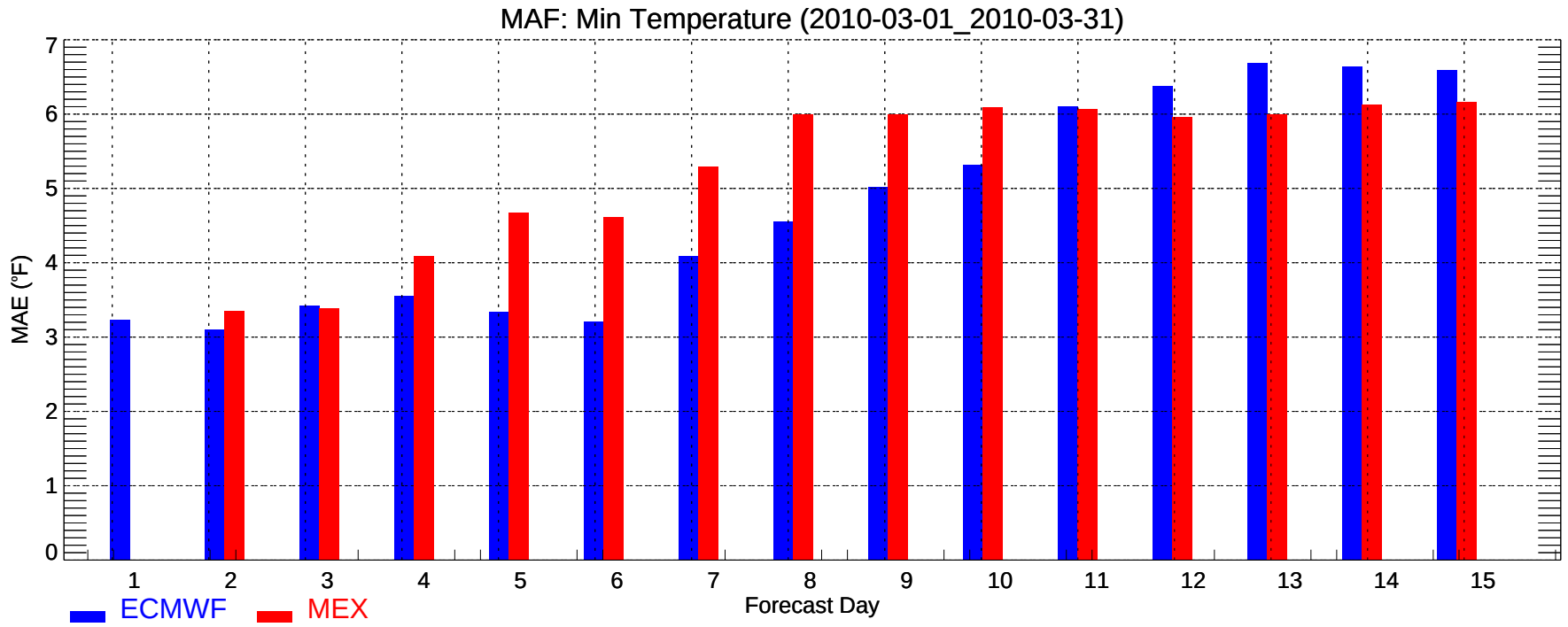

LNS: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

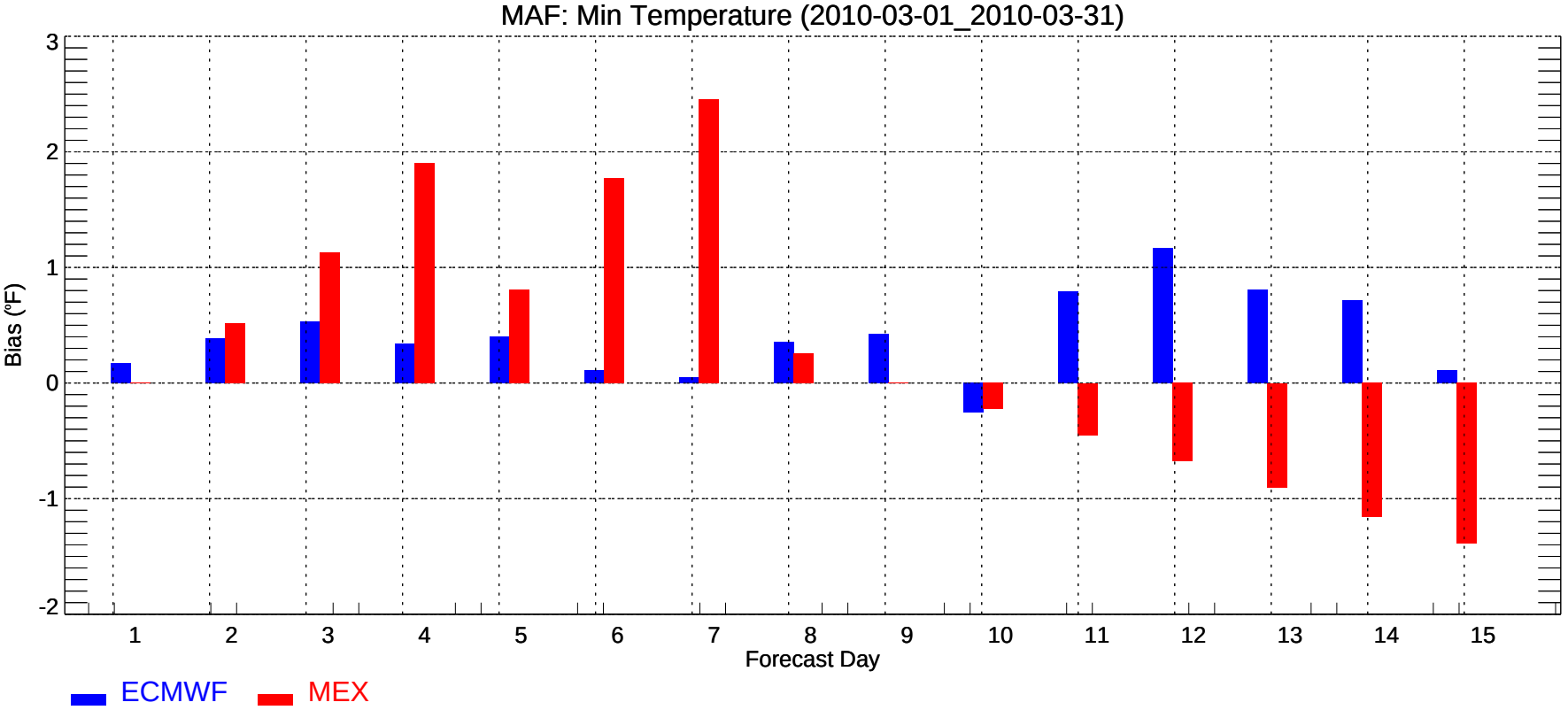

LNS: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

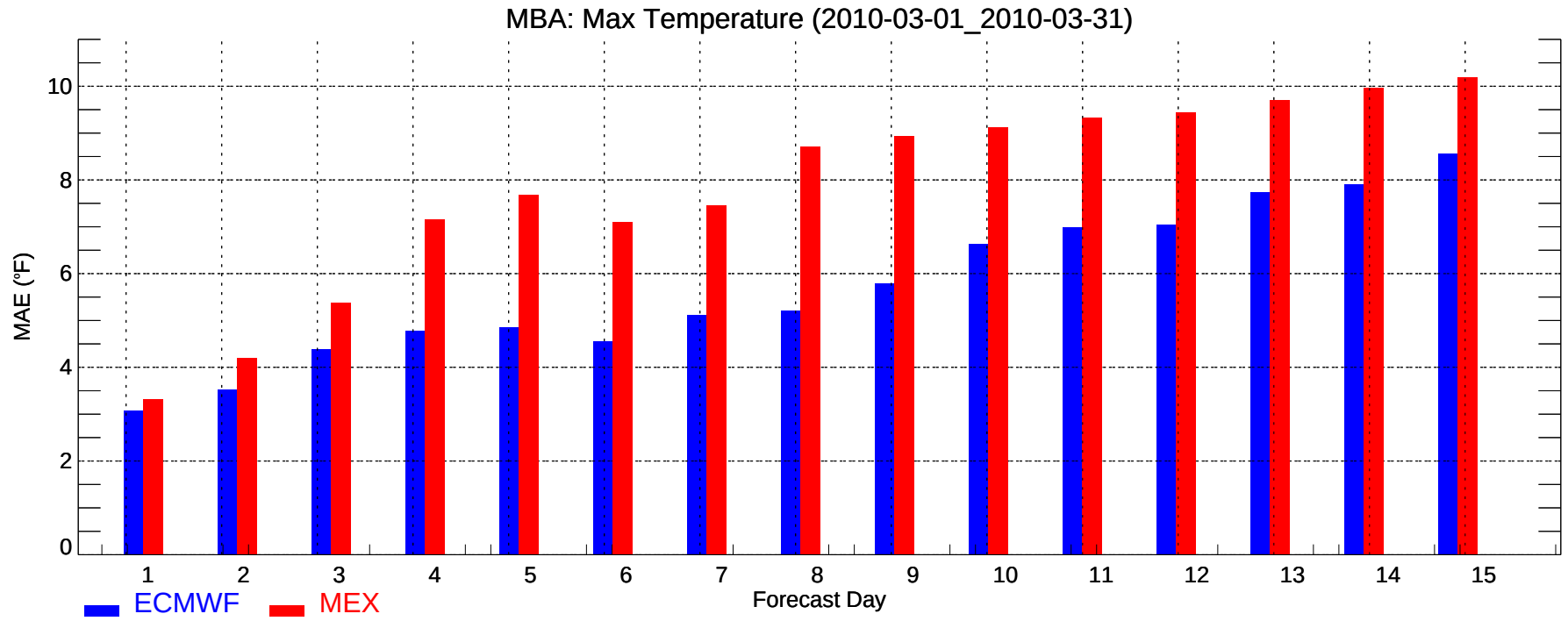

LNS: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

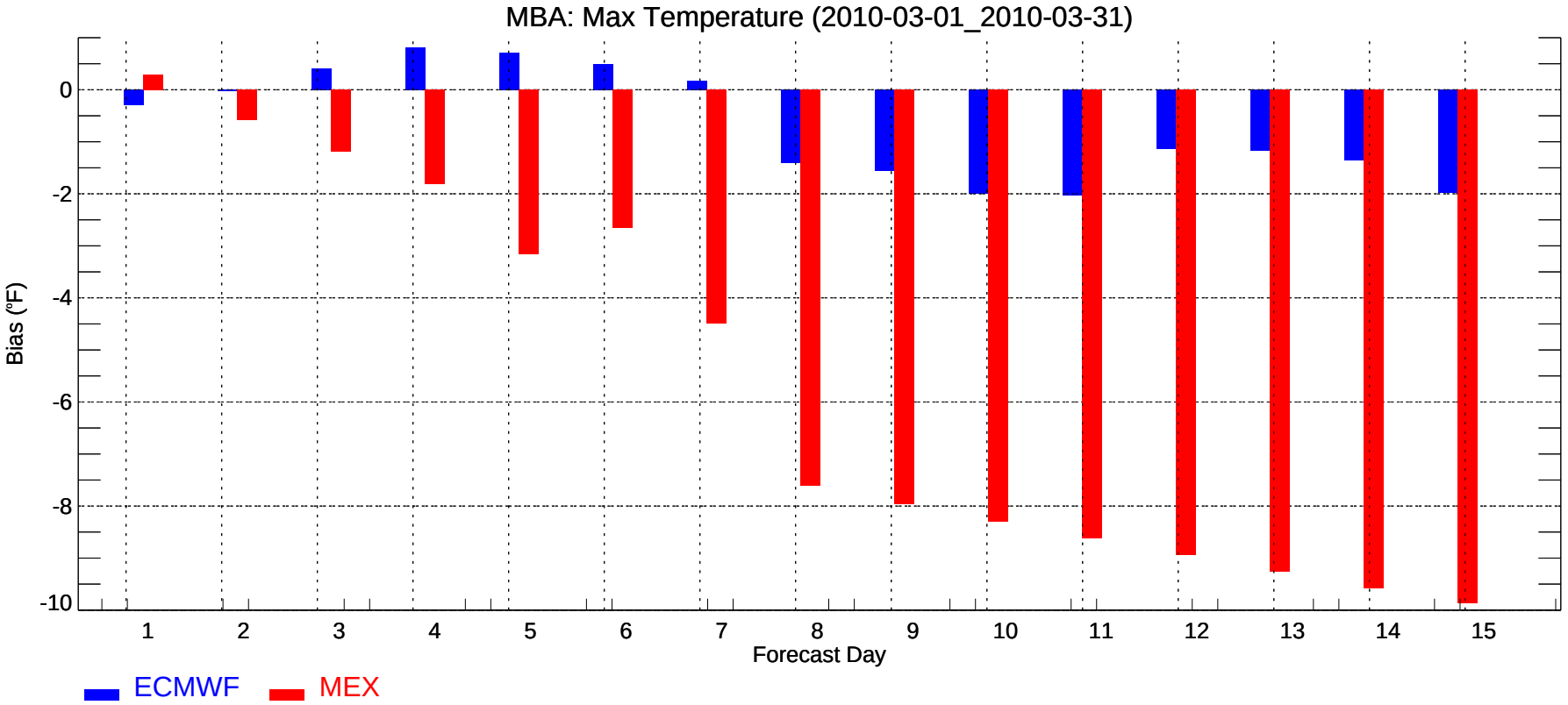

MAF: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

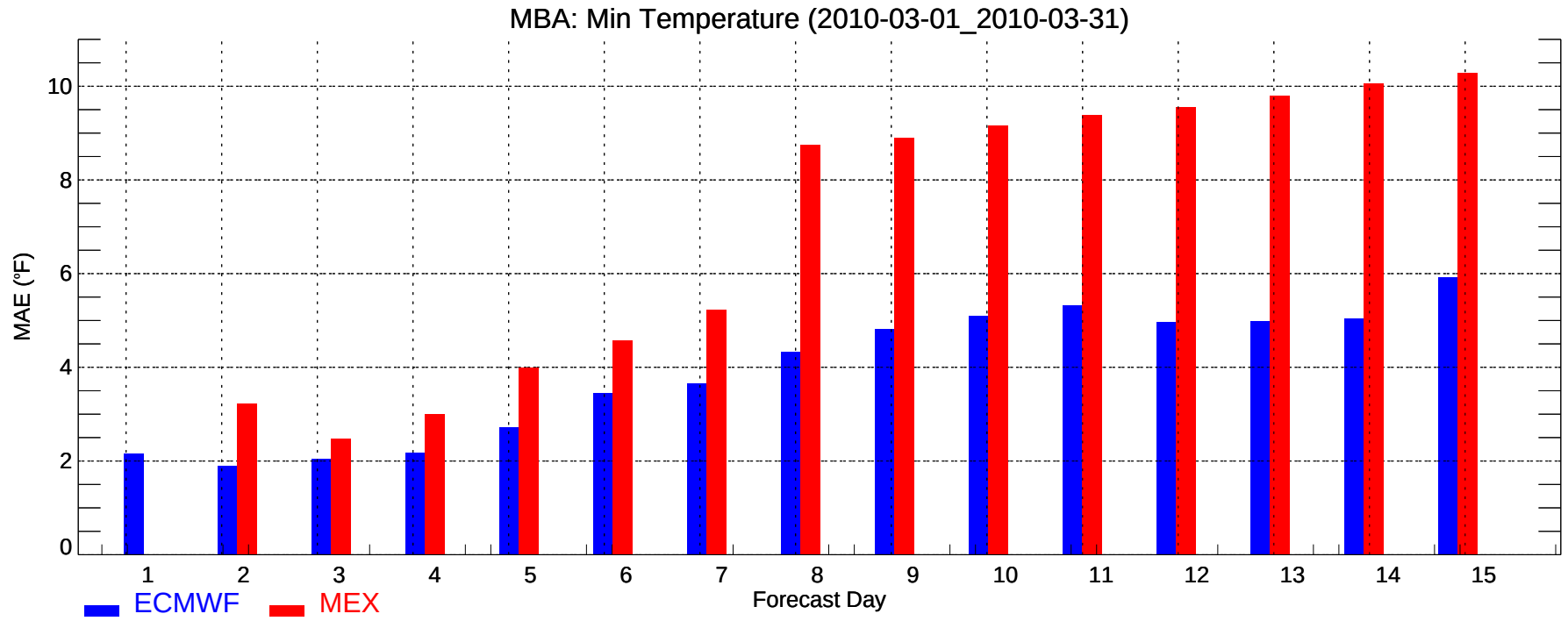

MAF: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

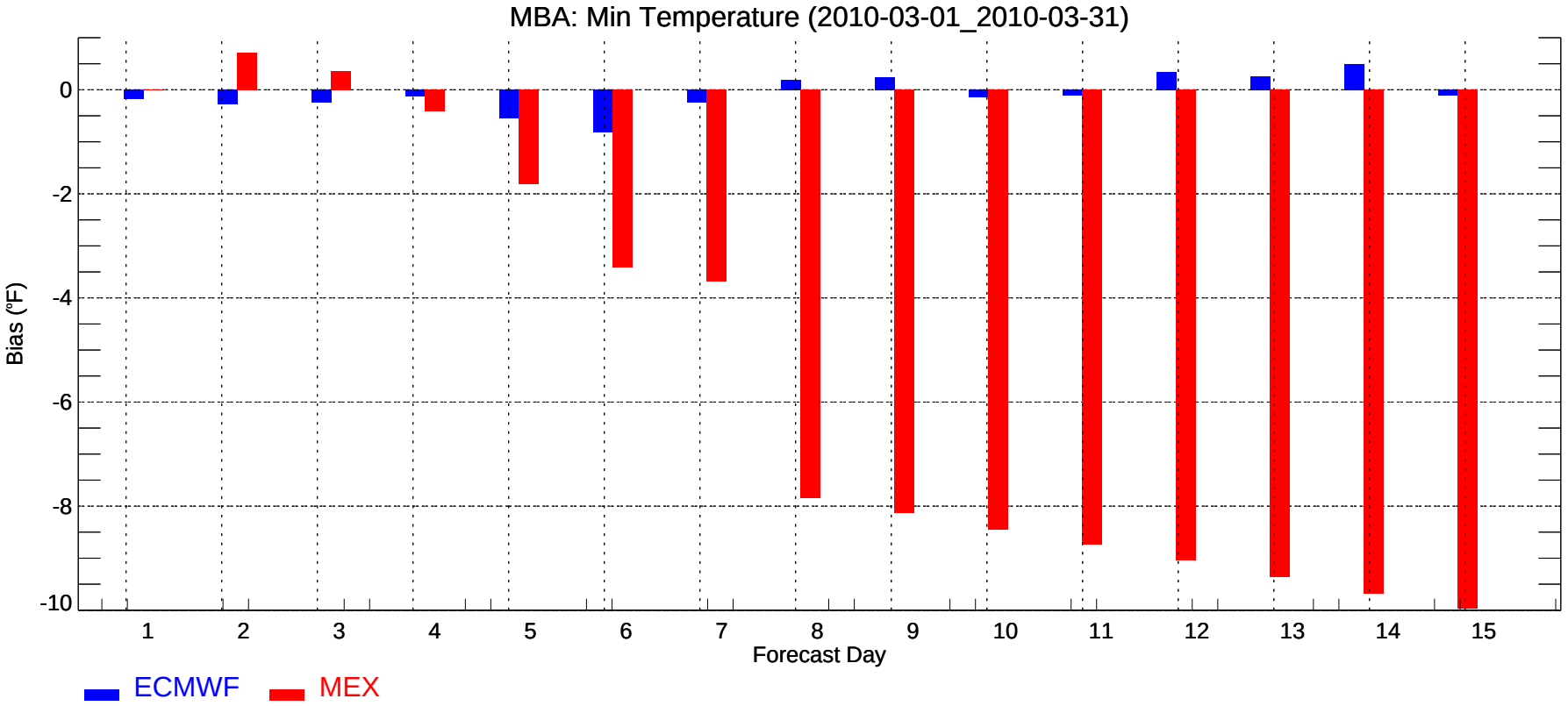

MAF: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

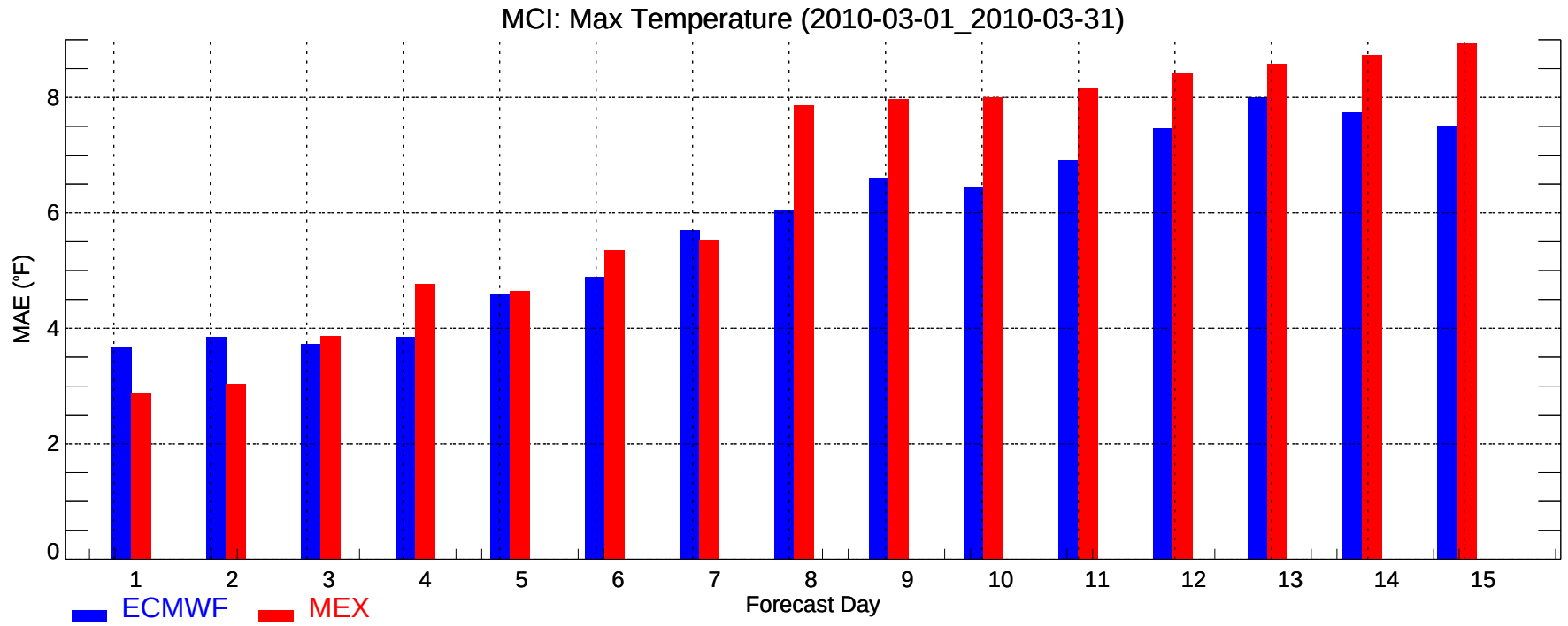

MAF: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

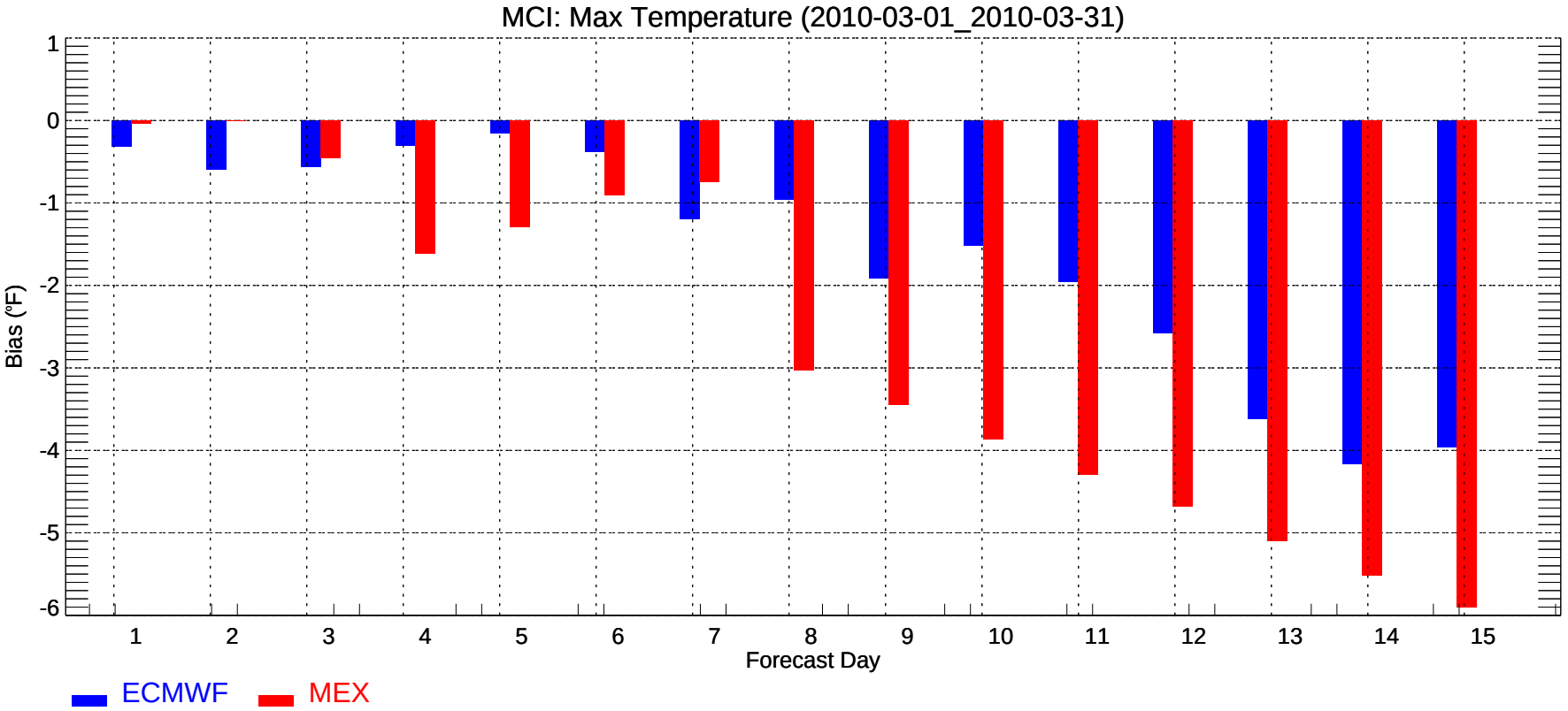

MBA: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

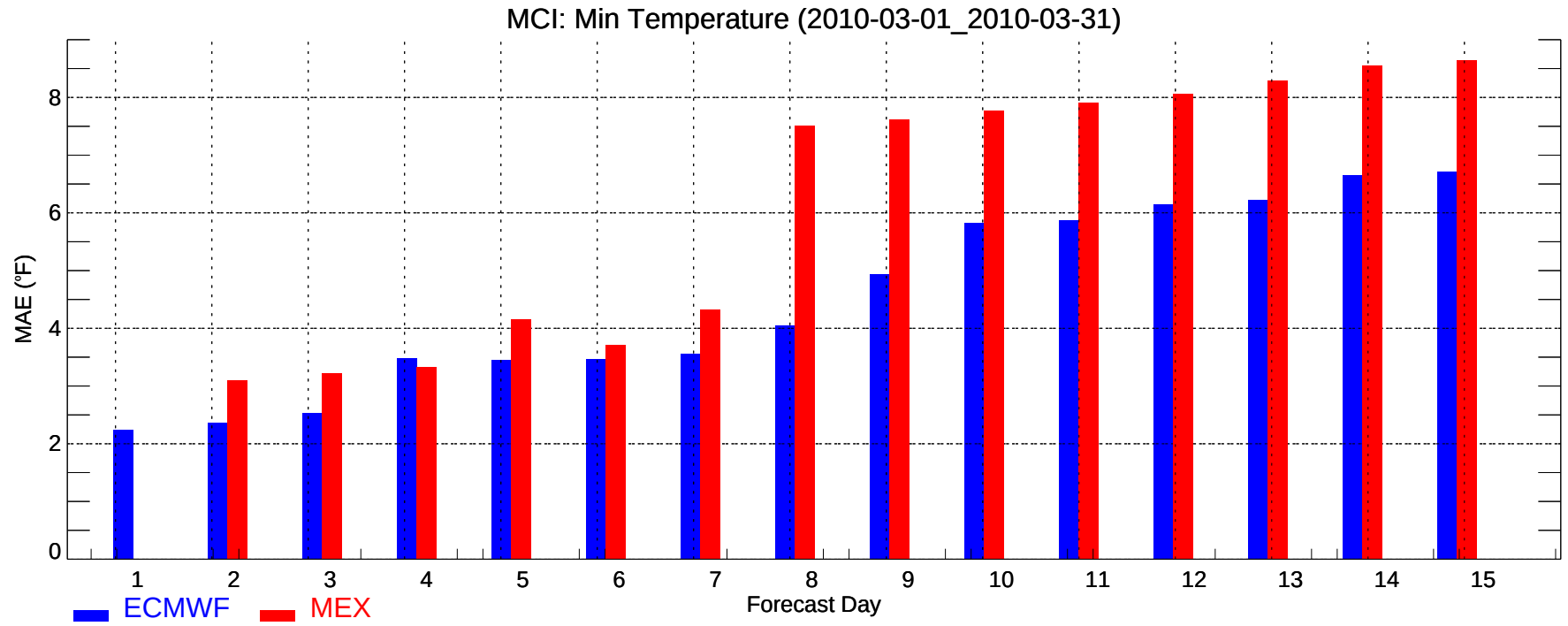

MBA: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

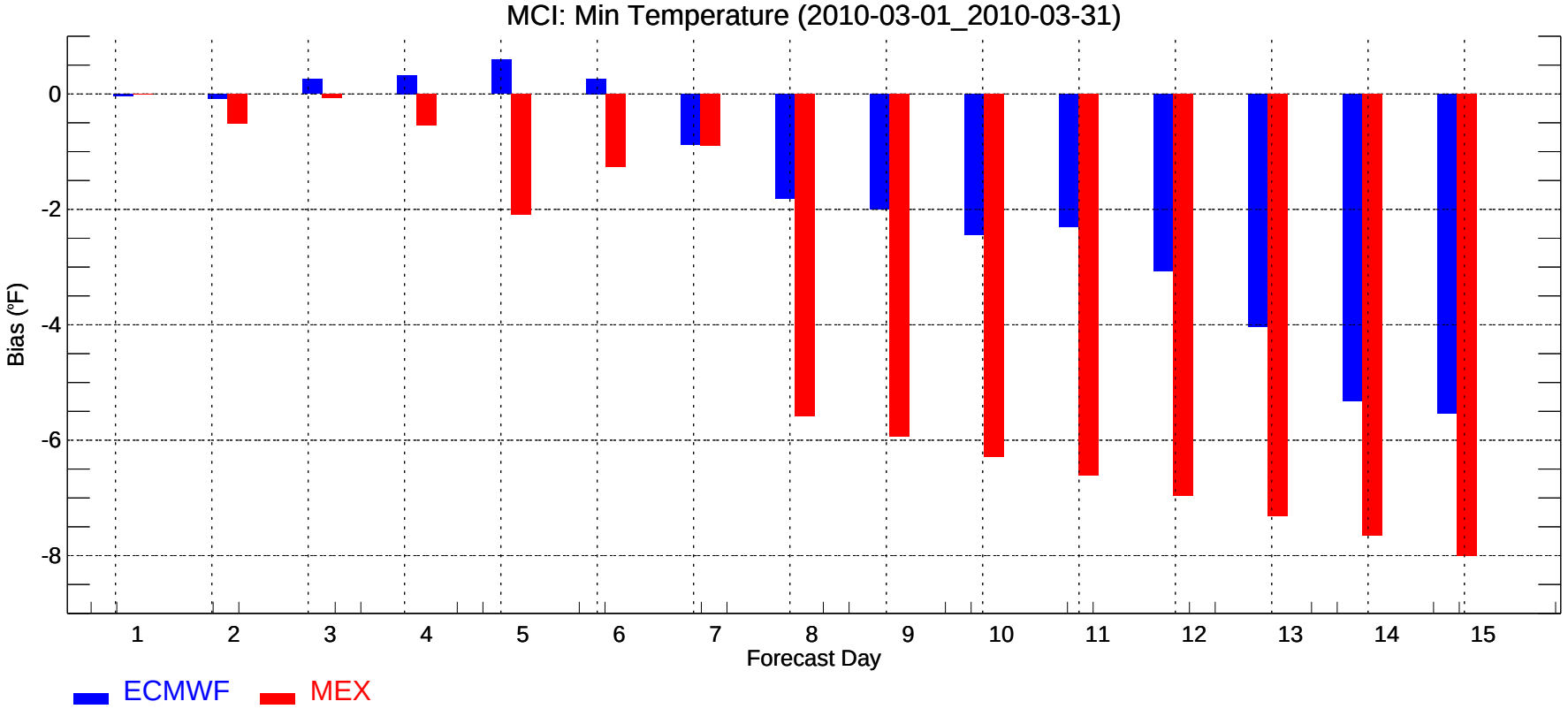

MBA: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

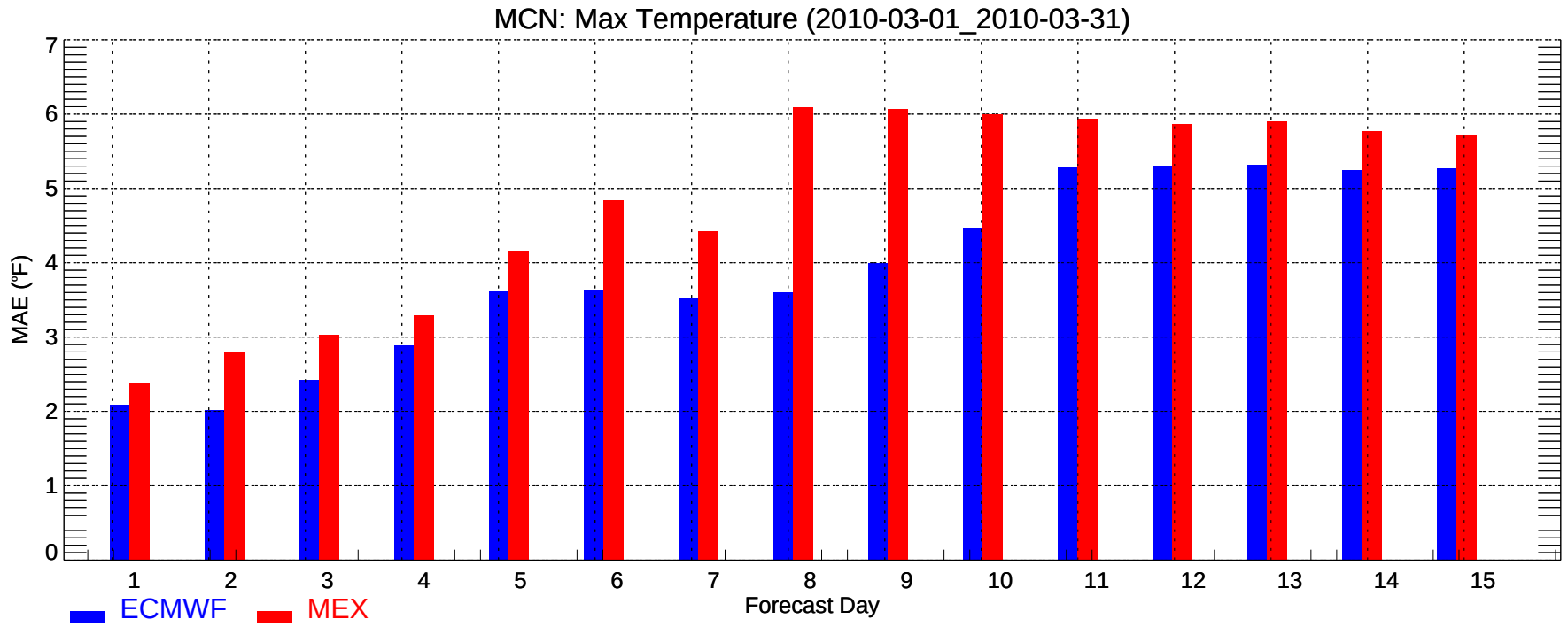

MBA: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

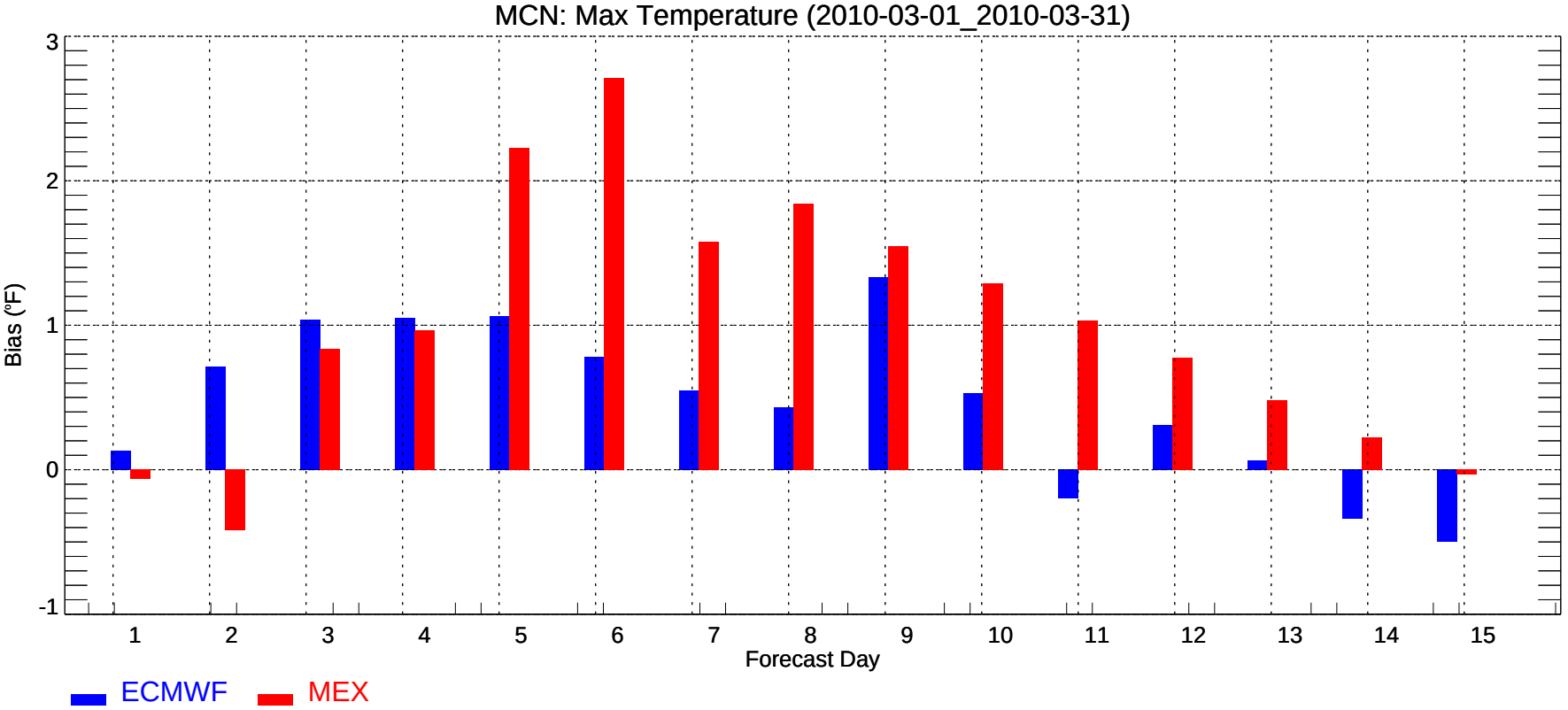

MCI: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

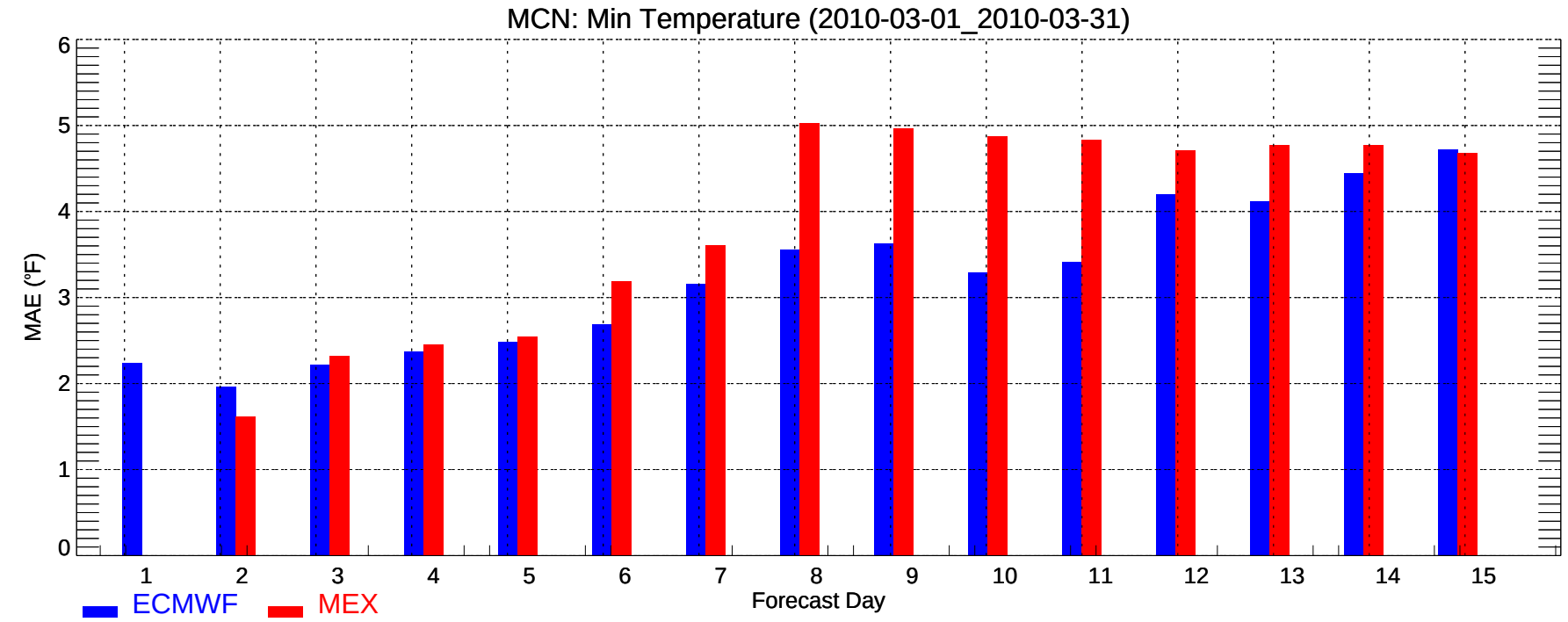

MCI: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

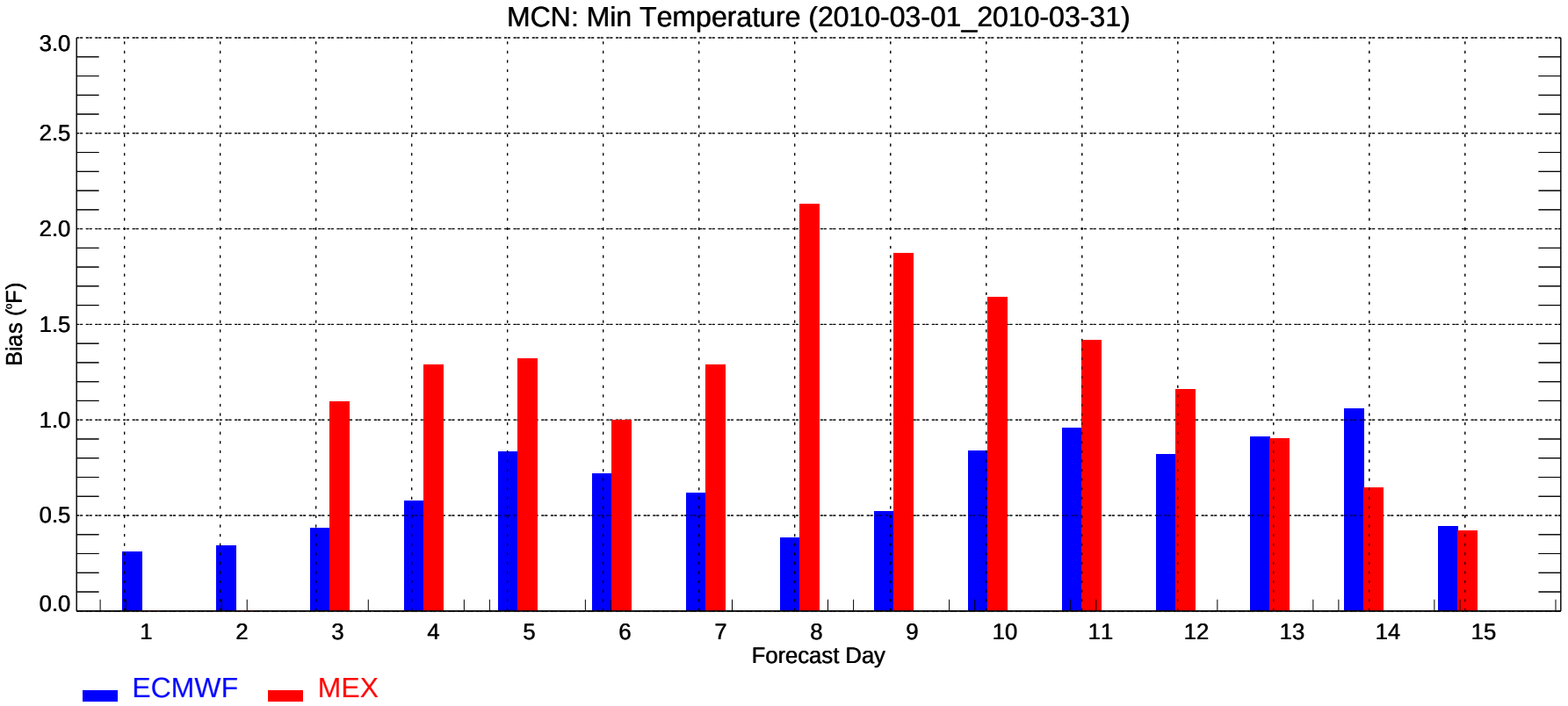

MCI: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

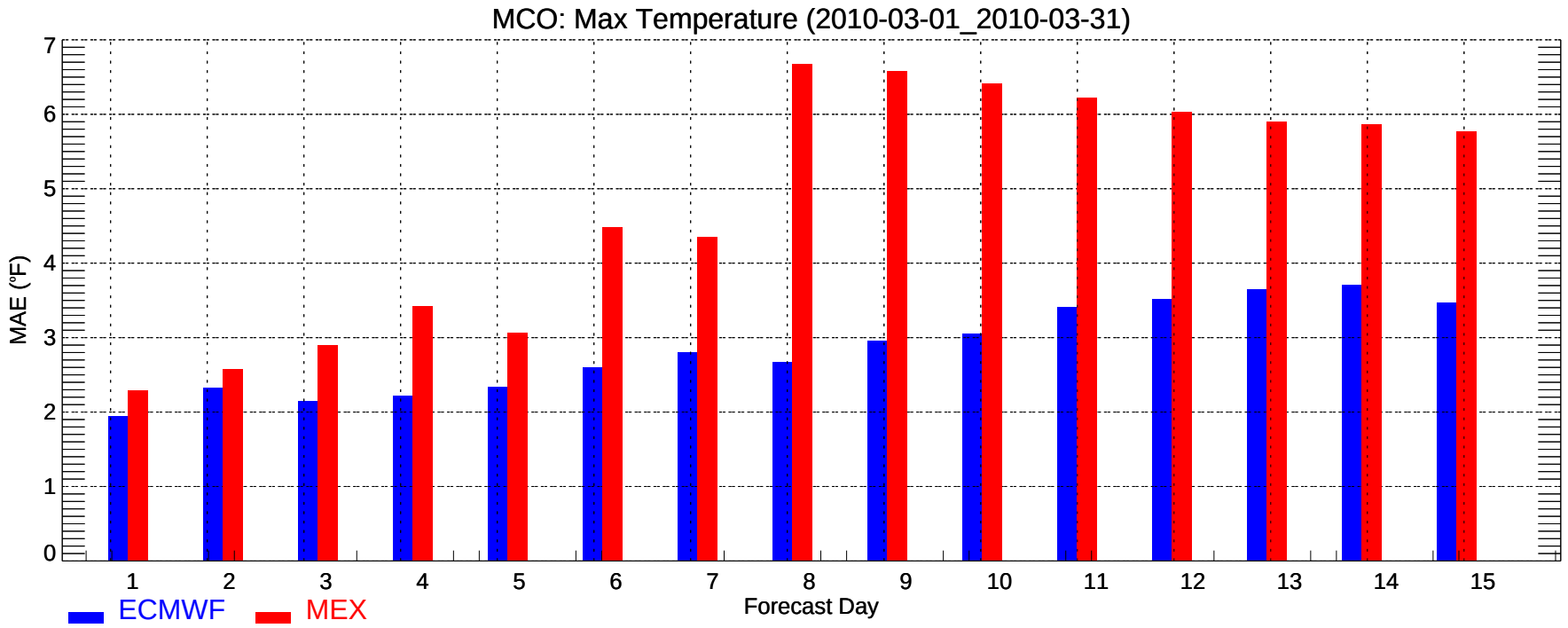

MCI: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

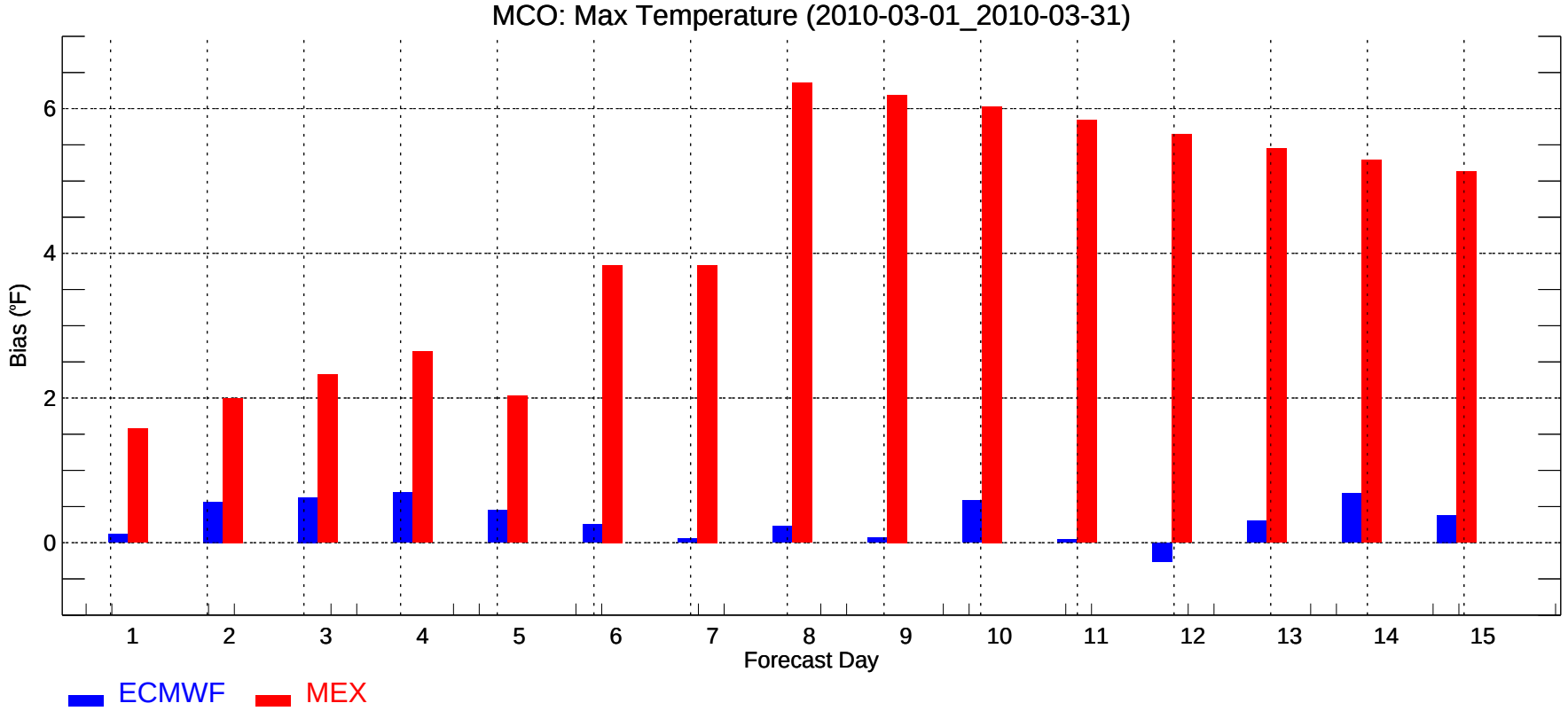

MCN: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

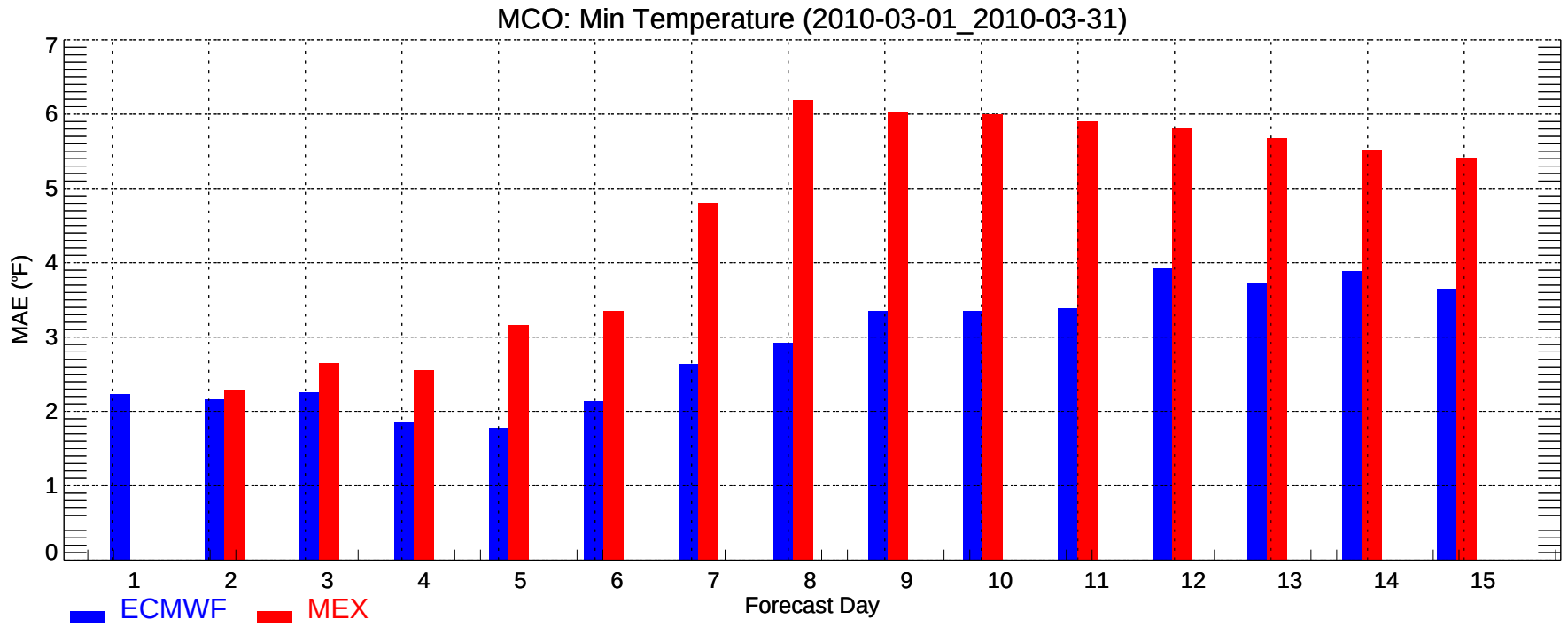

MCN: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

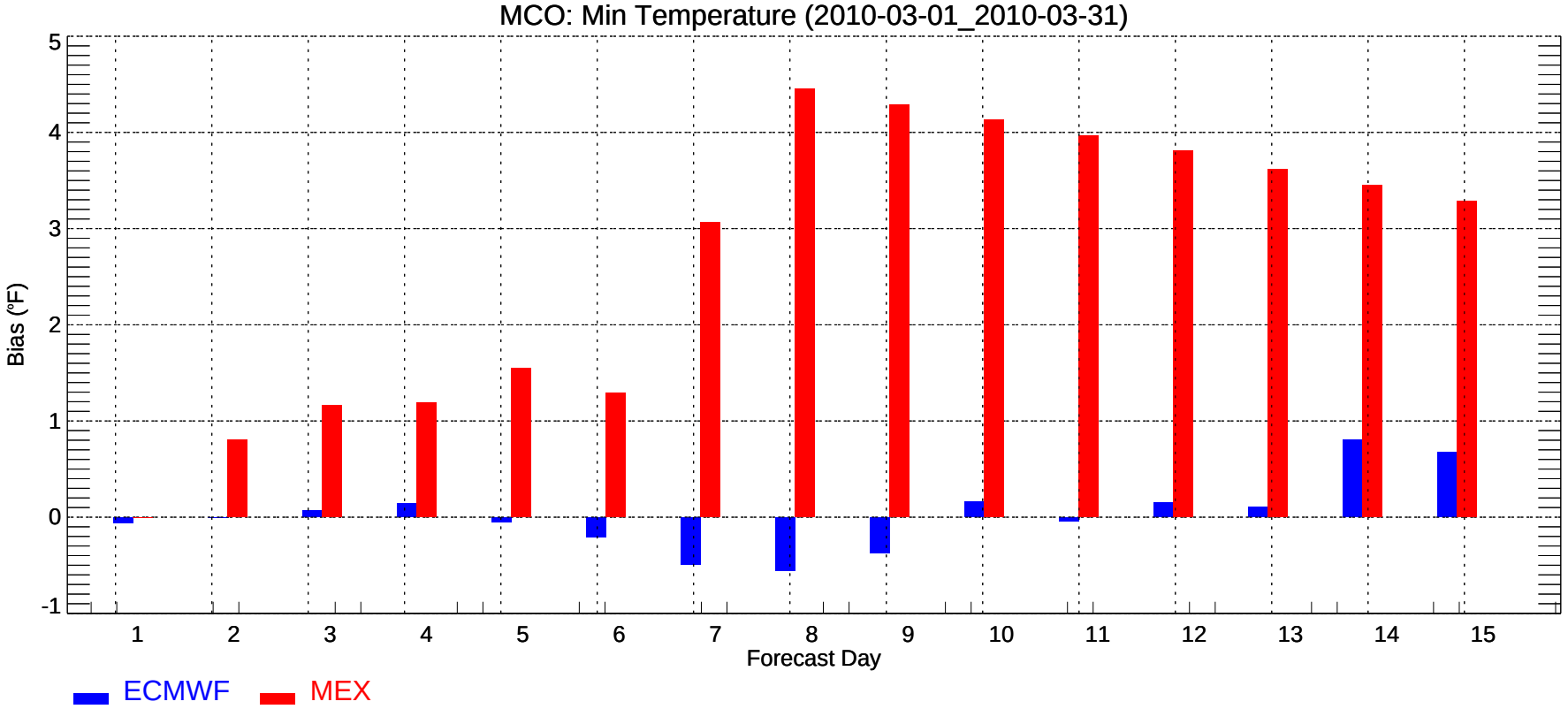

MCN: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

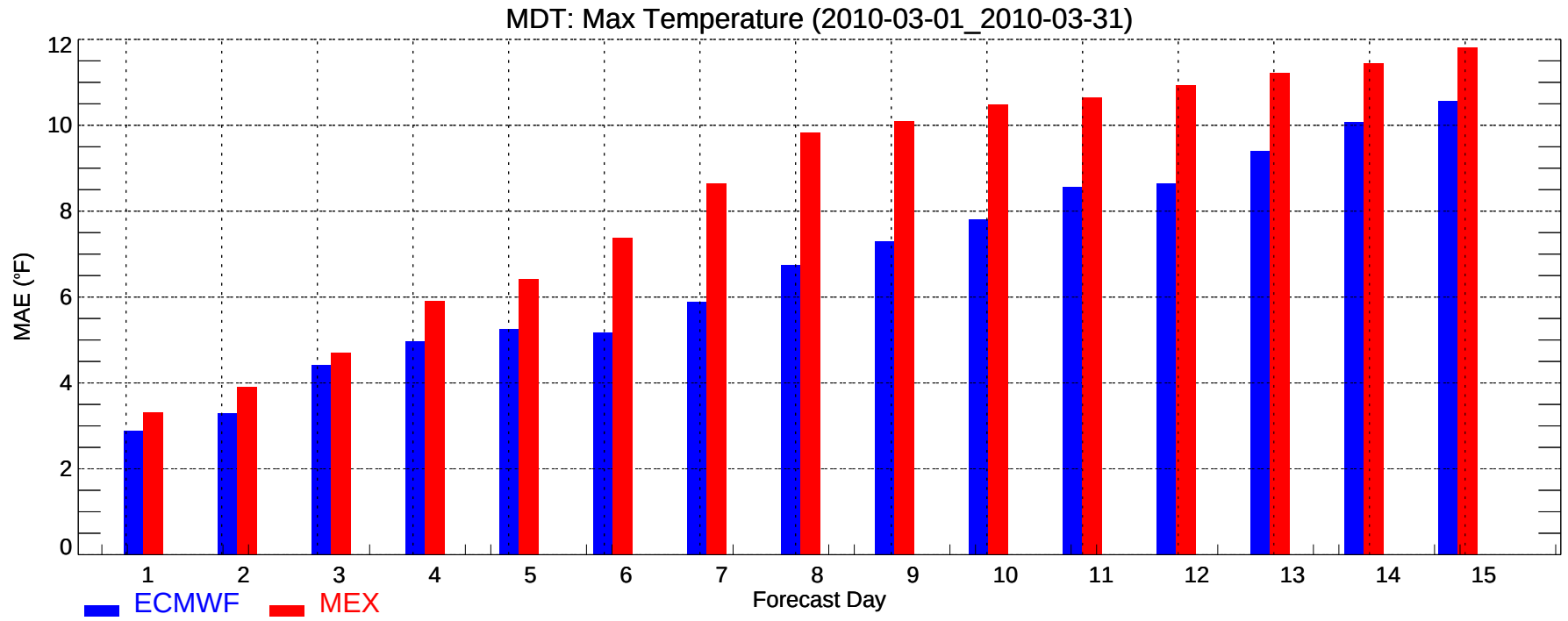

MCN: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

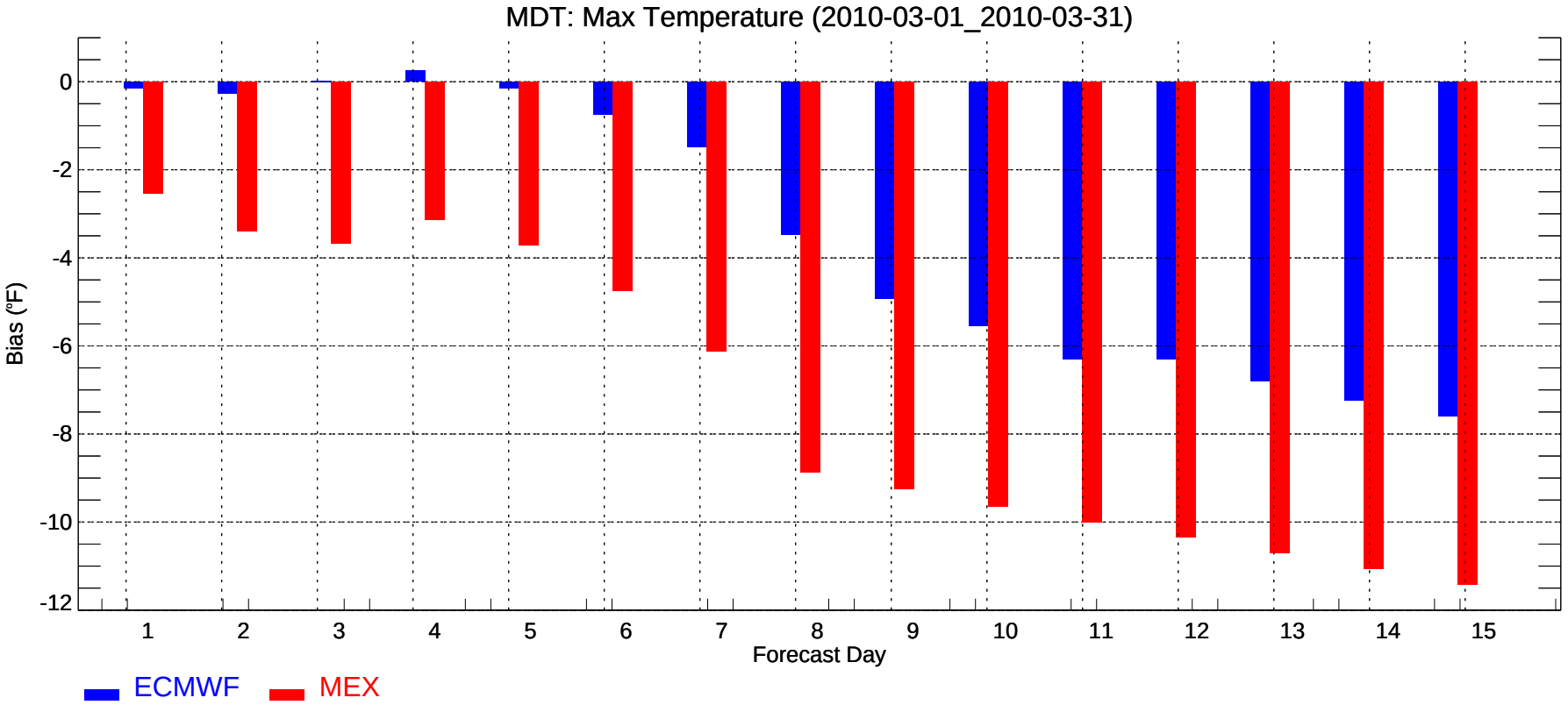

MCO: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

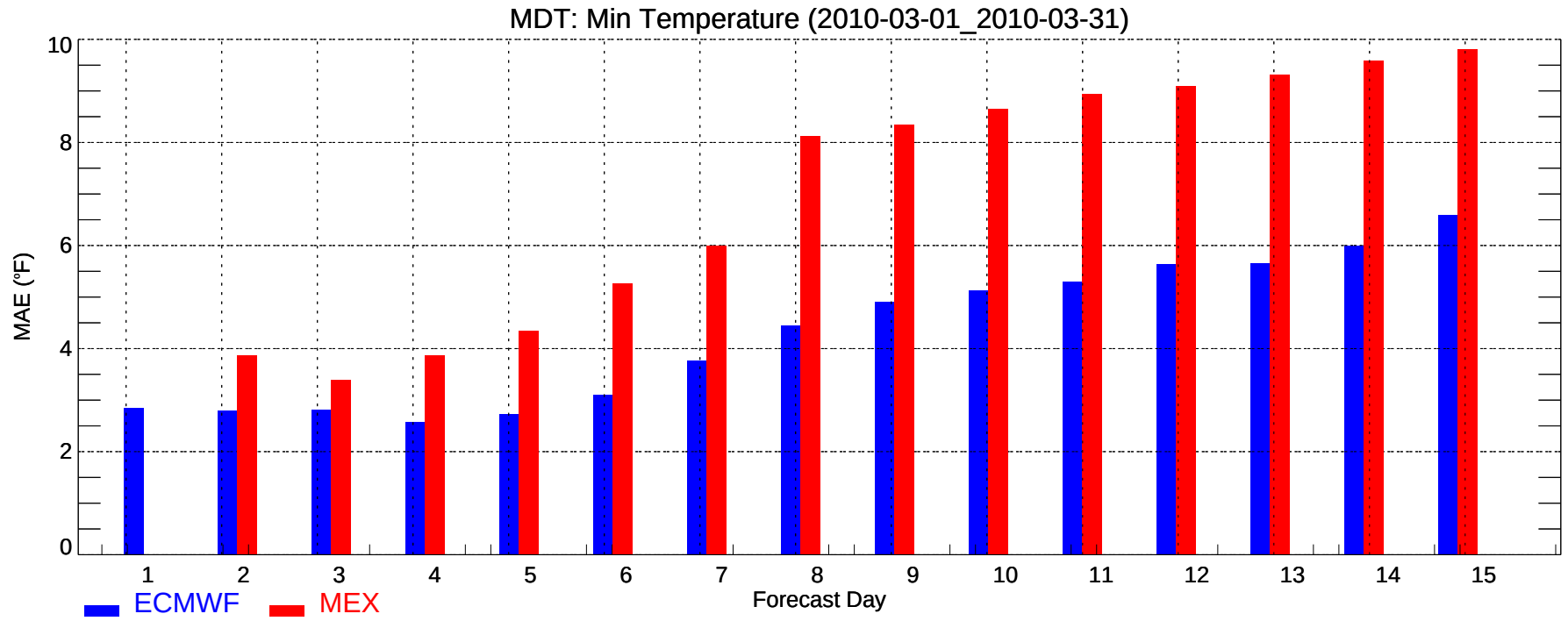

MCO: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

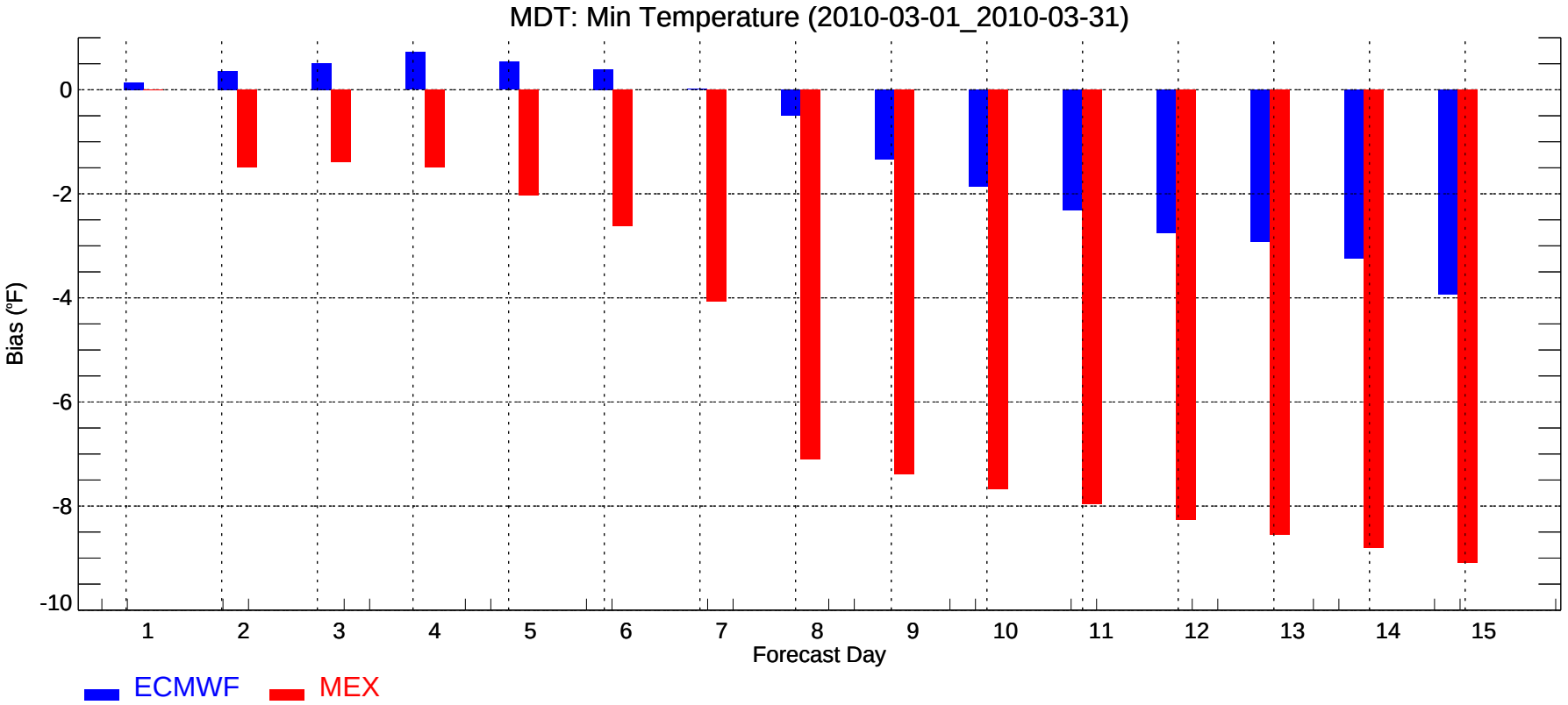

MCO: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

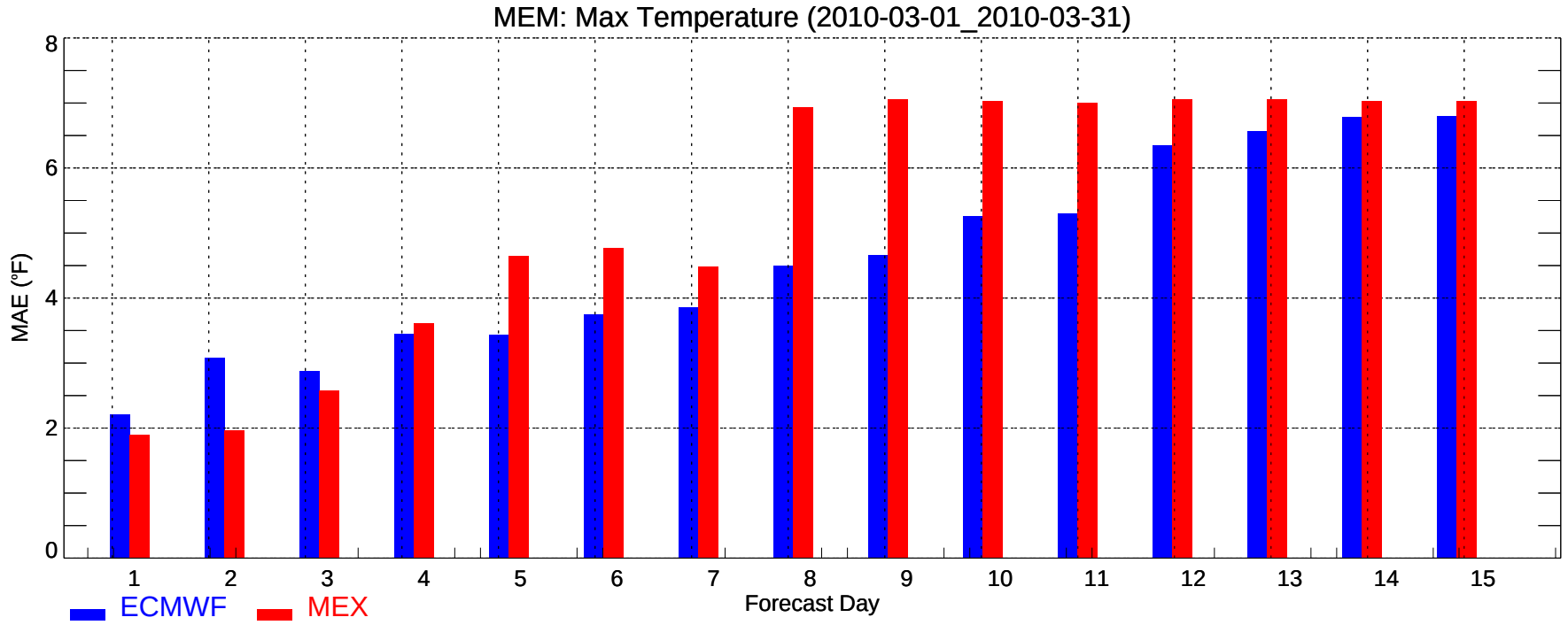

MCO: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

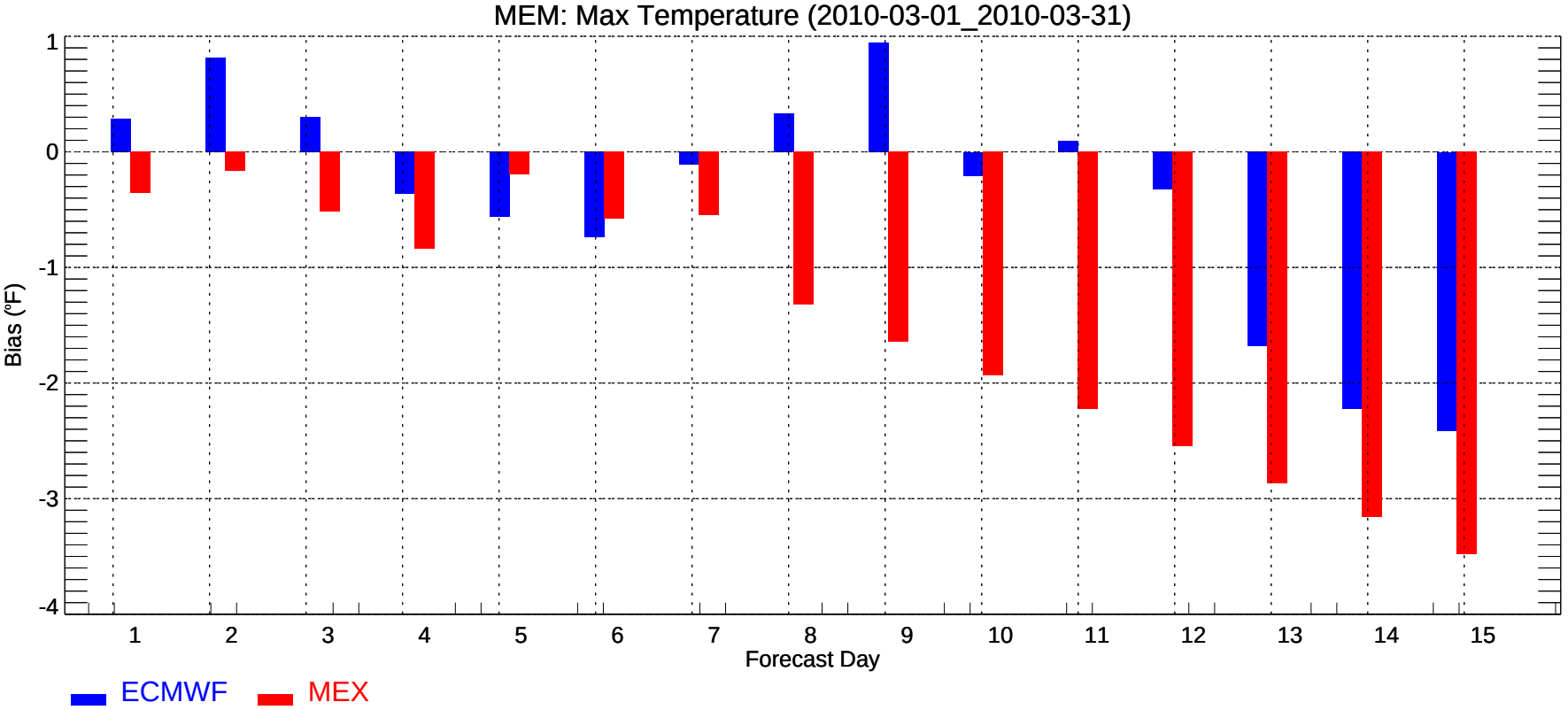

MDT: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

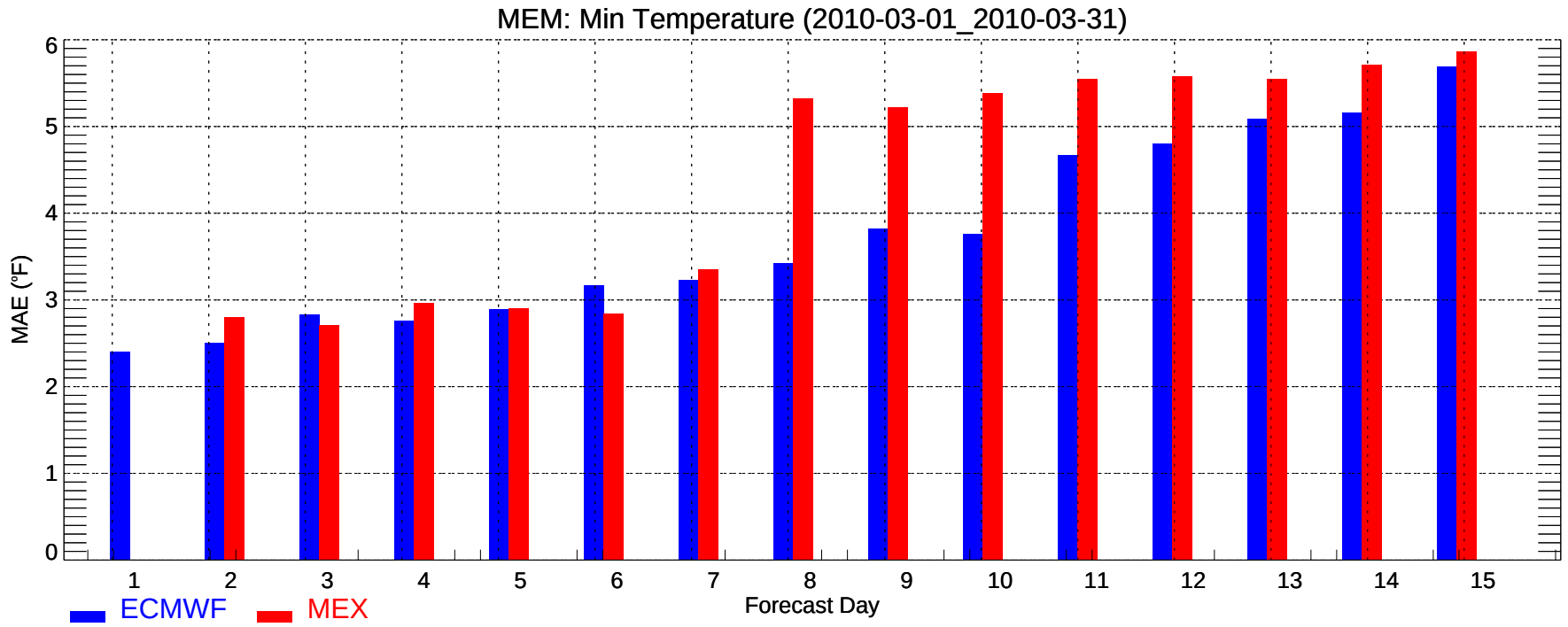

MDT: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

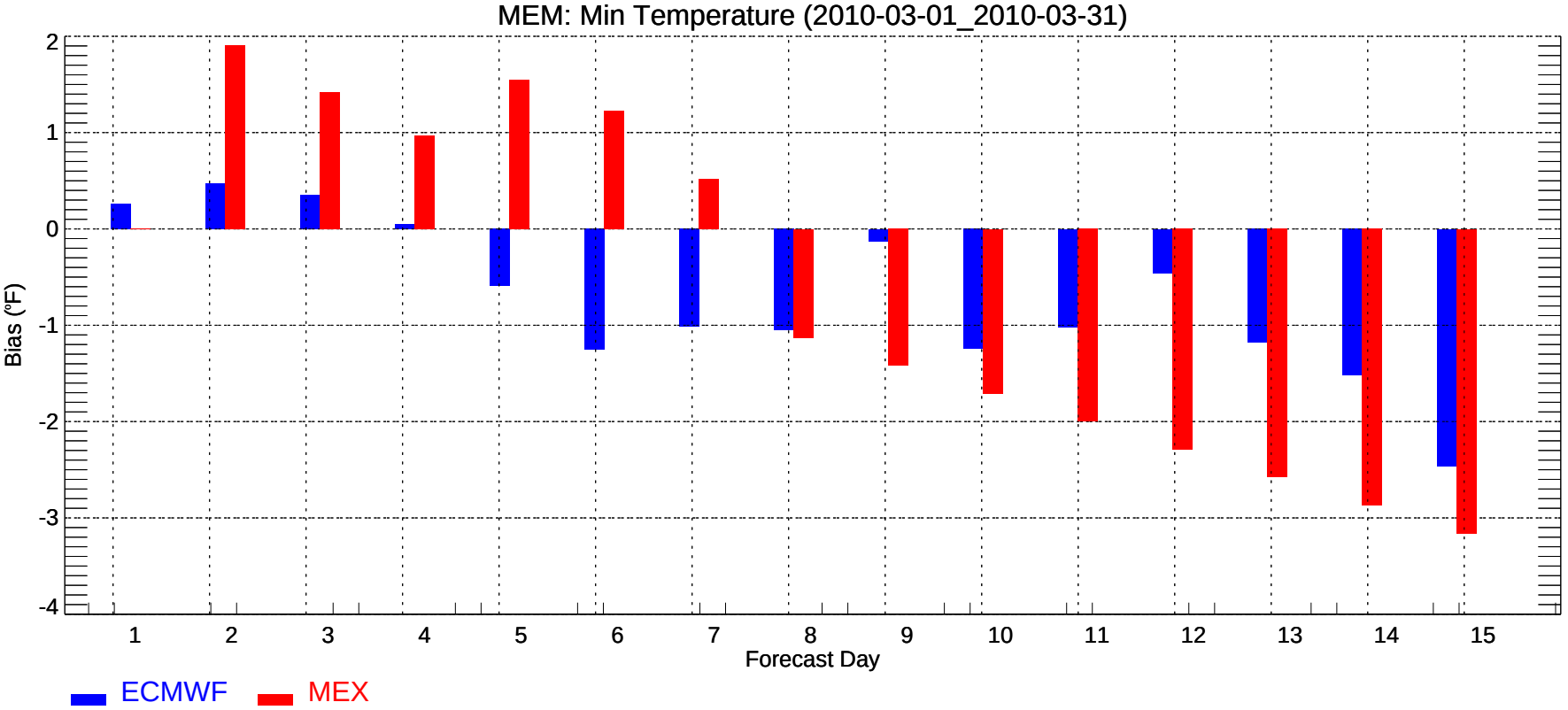

MDT: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

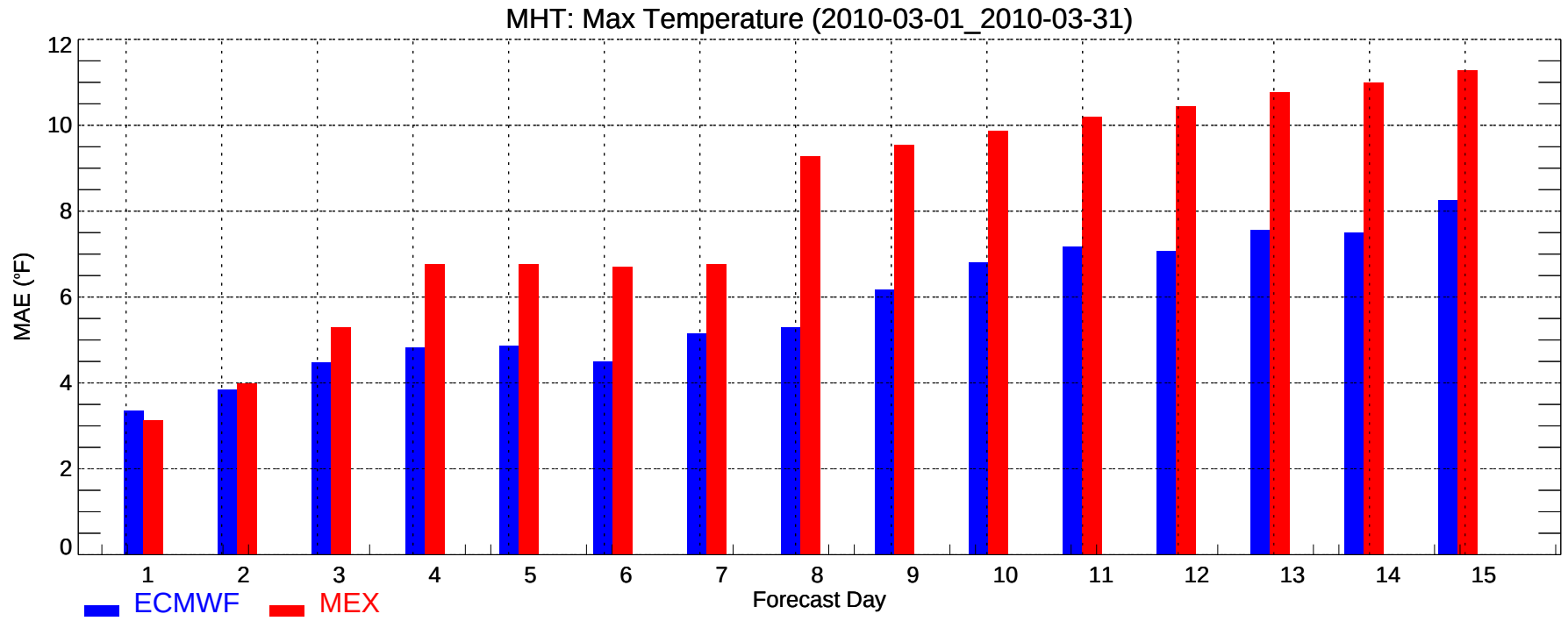

MDT: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

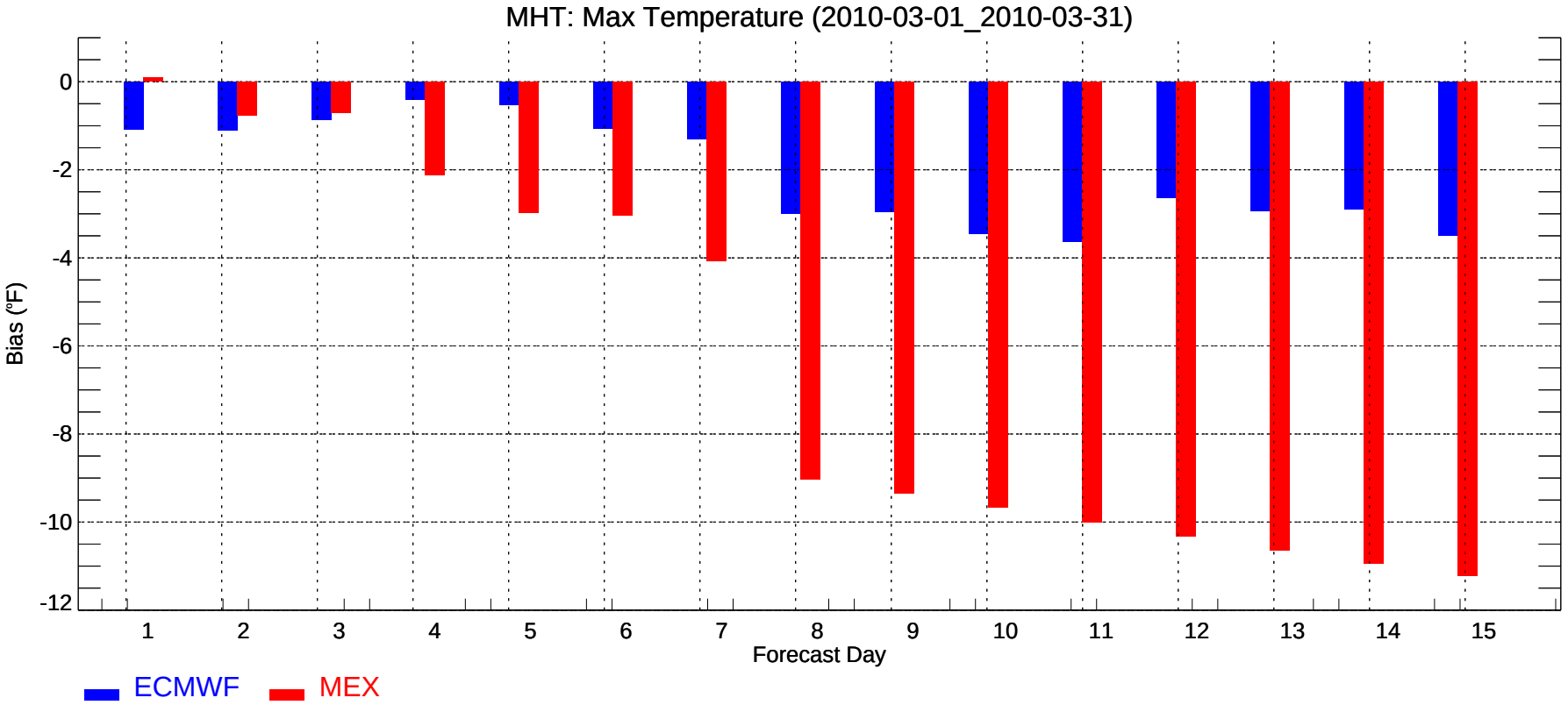

MEM: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

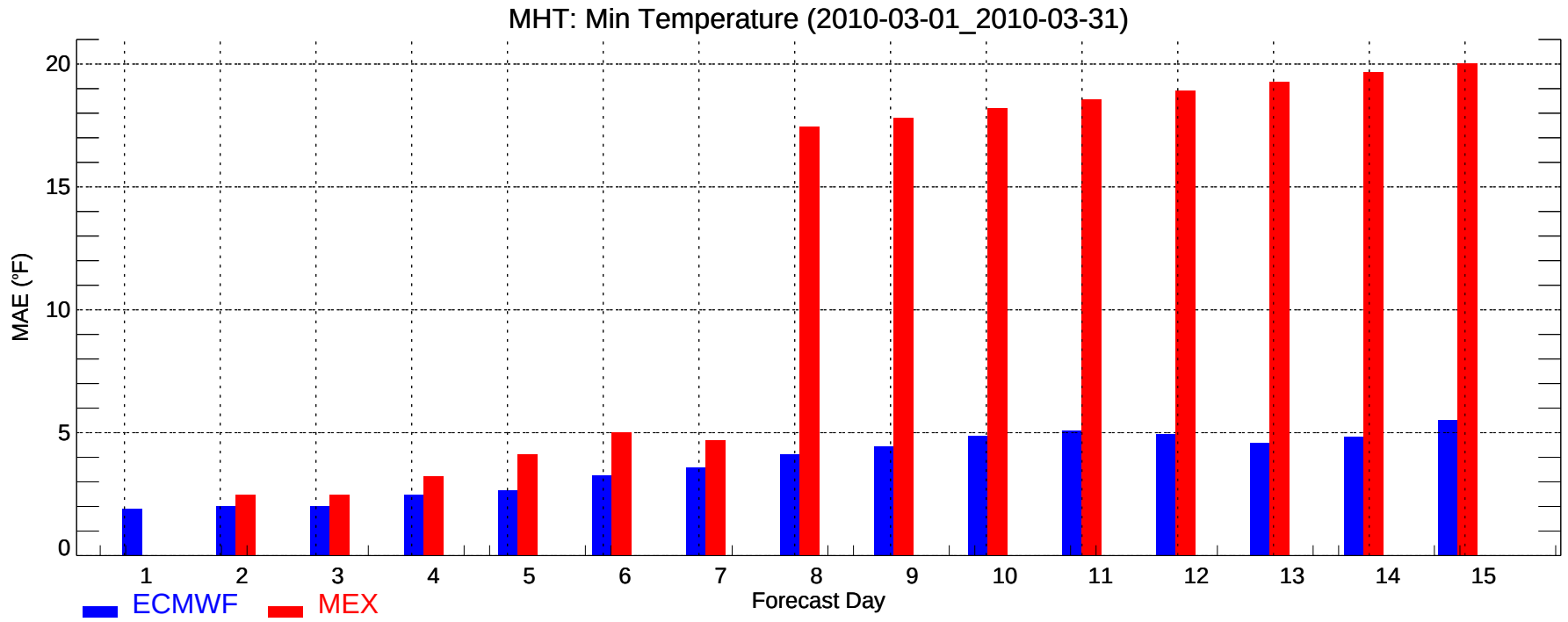

MEM: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

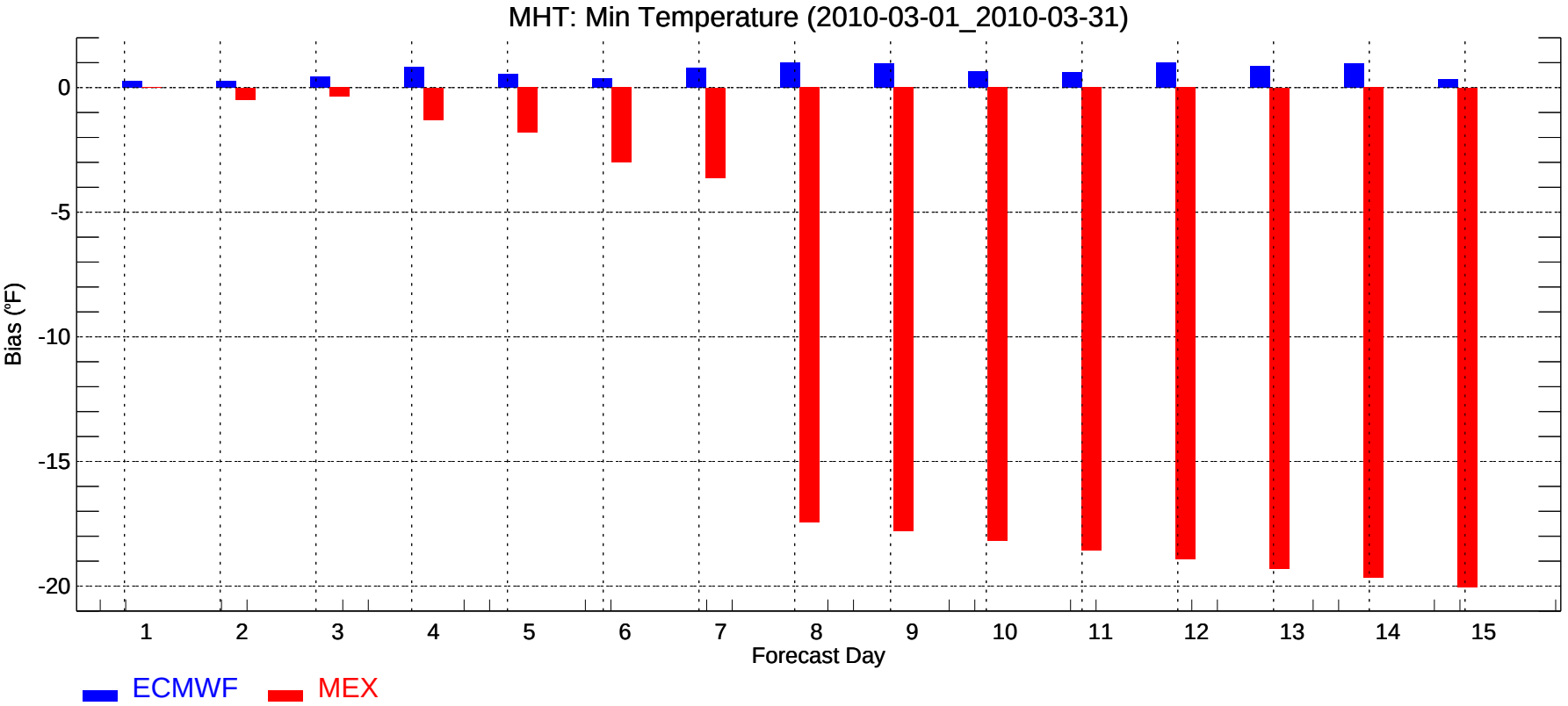

MEM: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

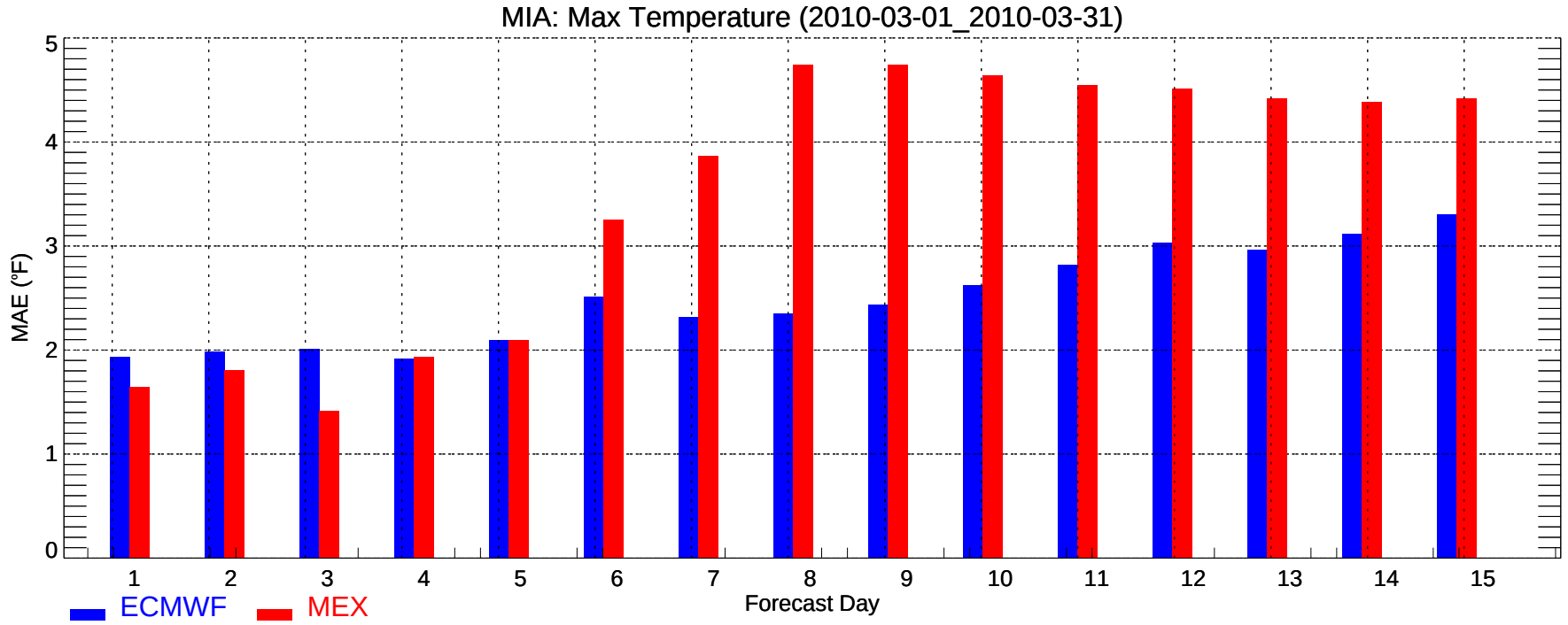

MEM: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

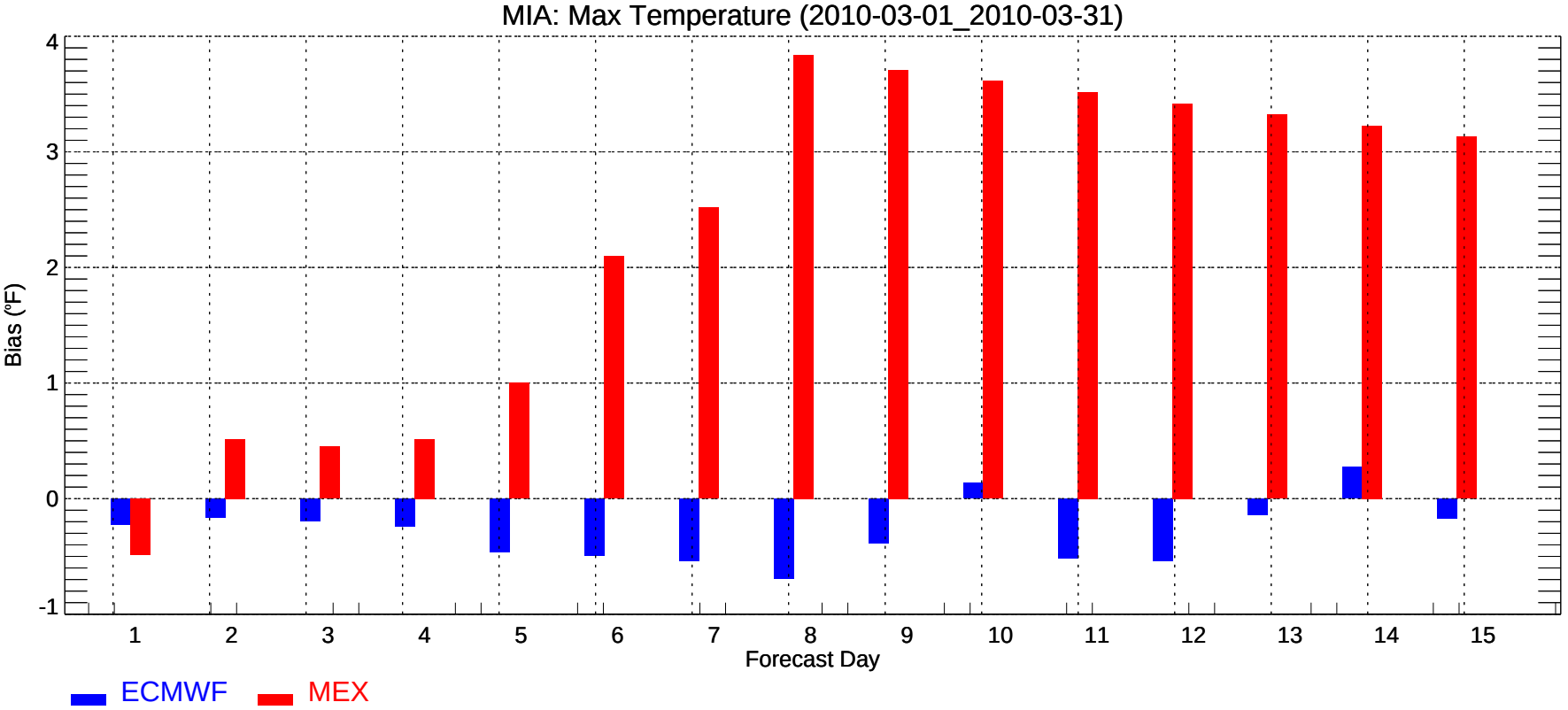

MHT: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

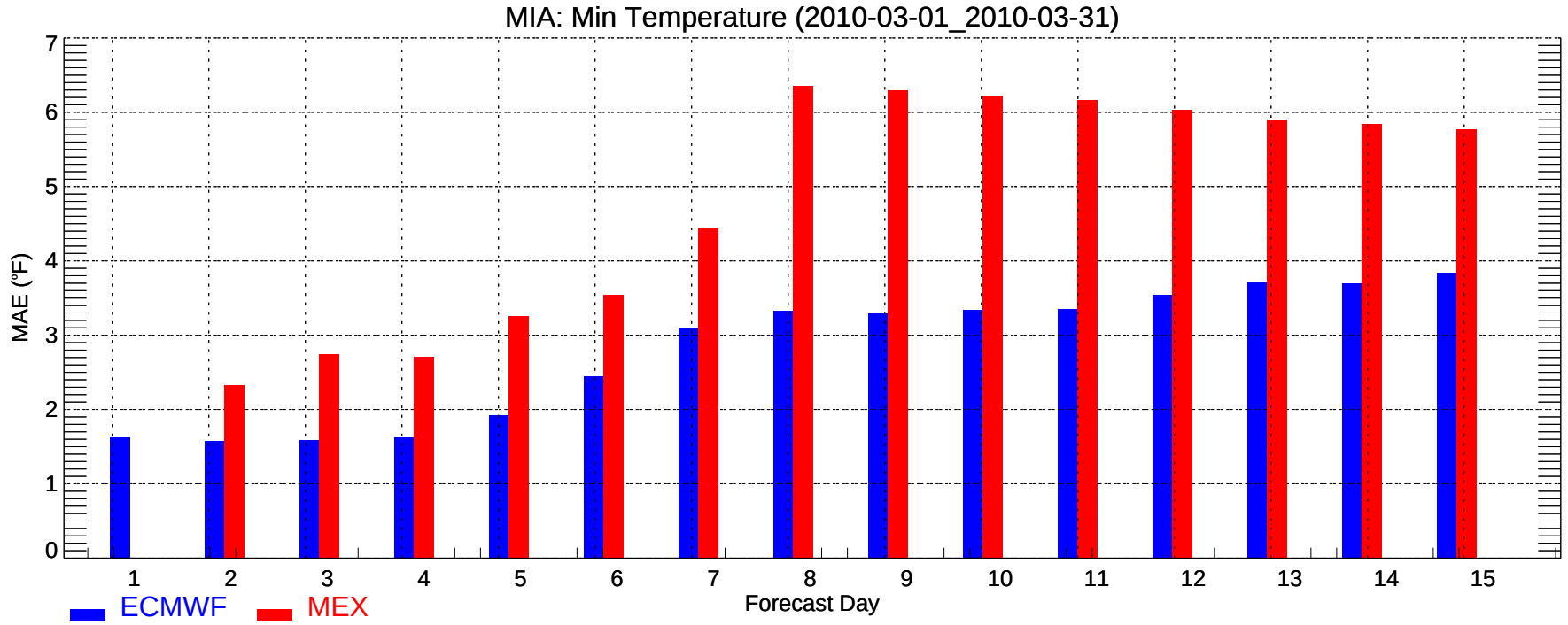

MHT: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

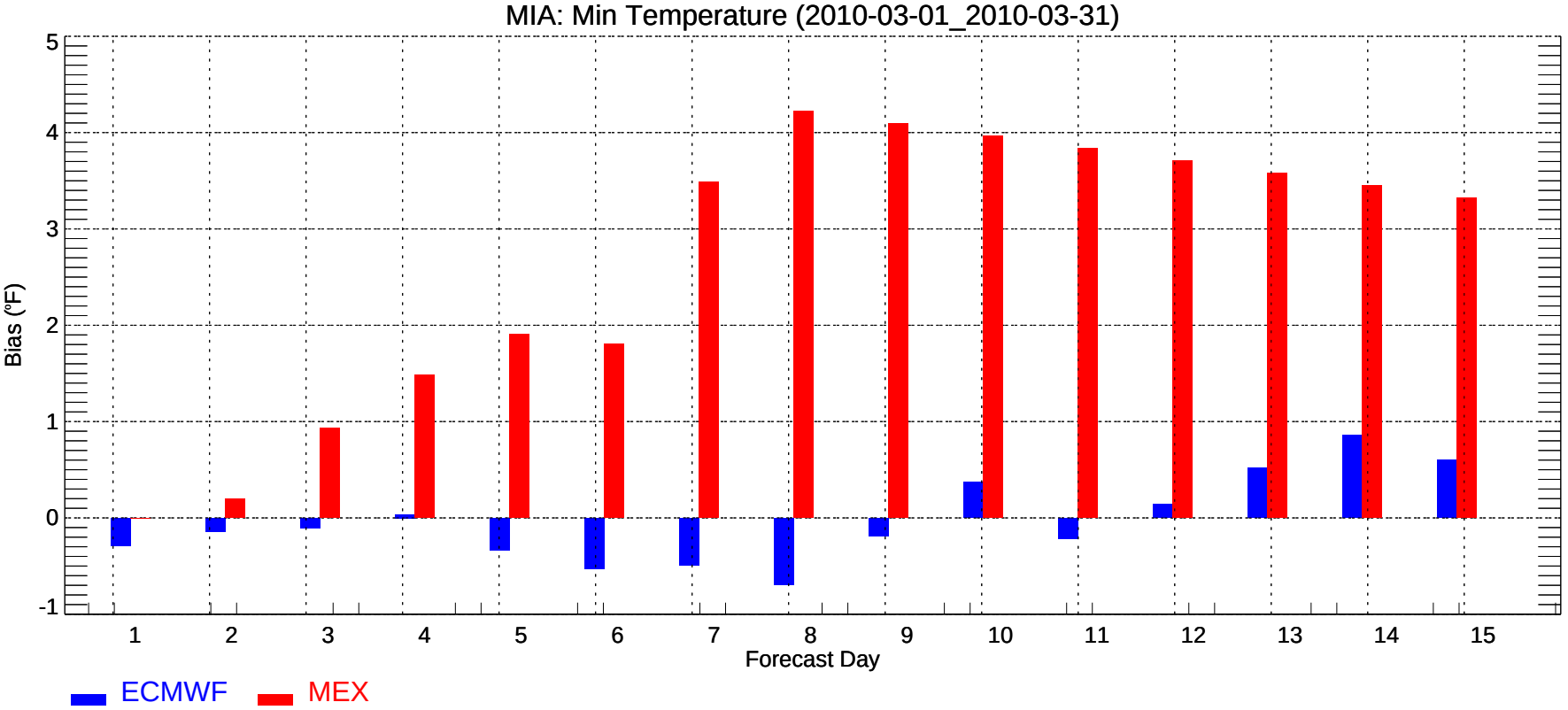

MHT: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
5
10
15
20
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

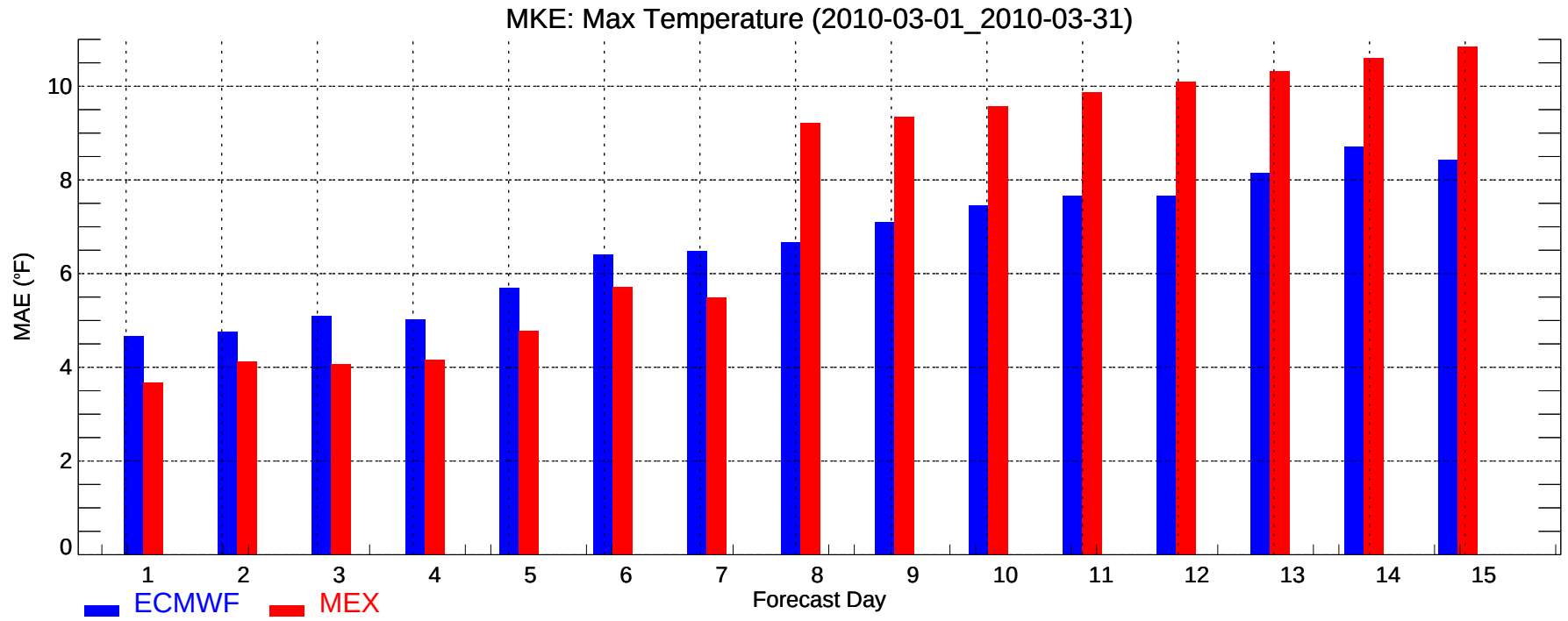

MHT: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
-20
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

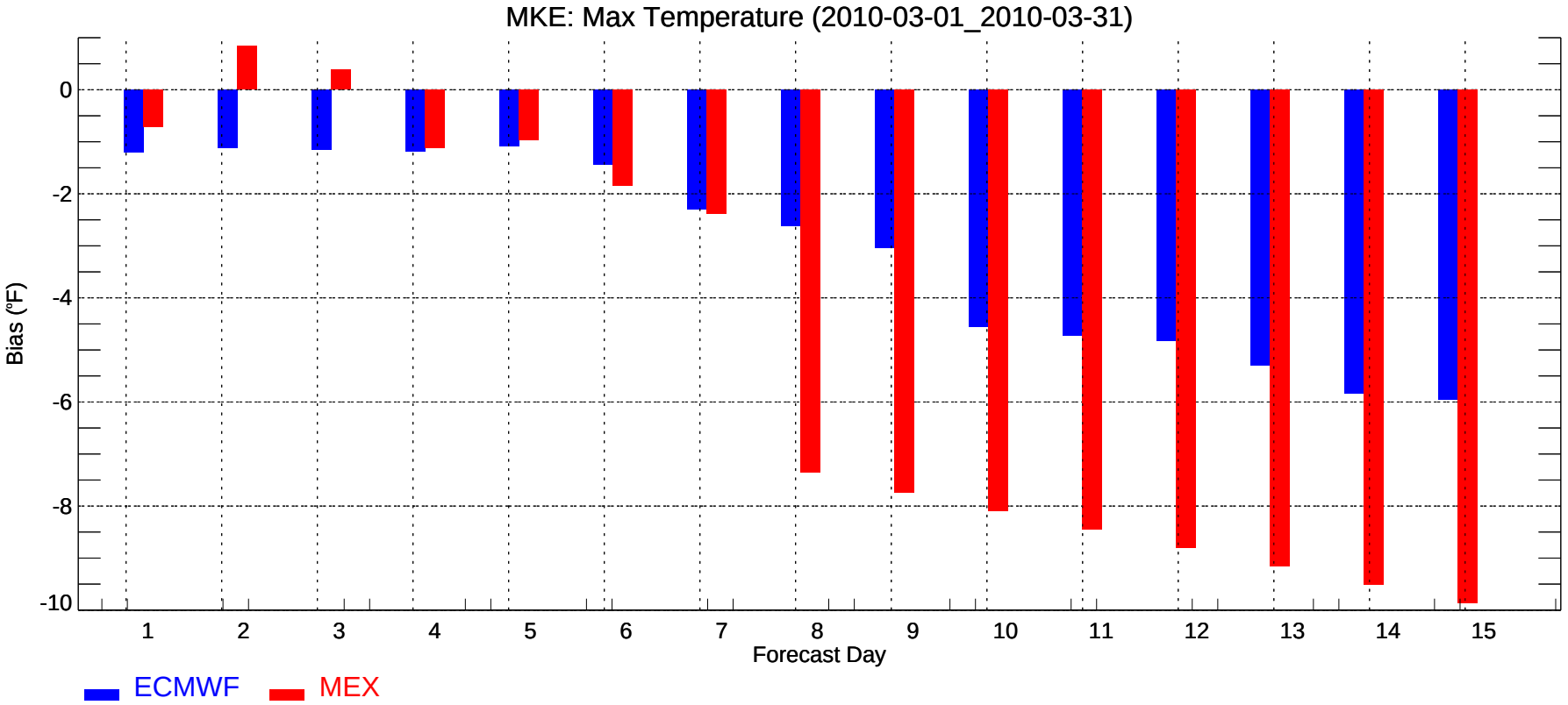

MIA: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

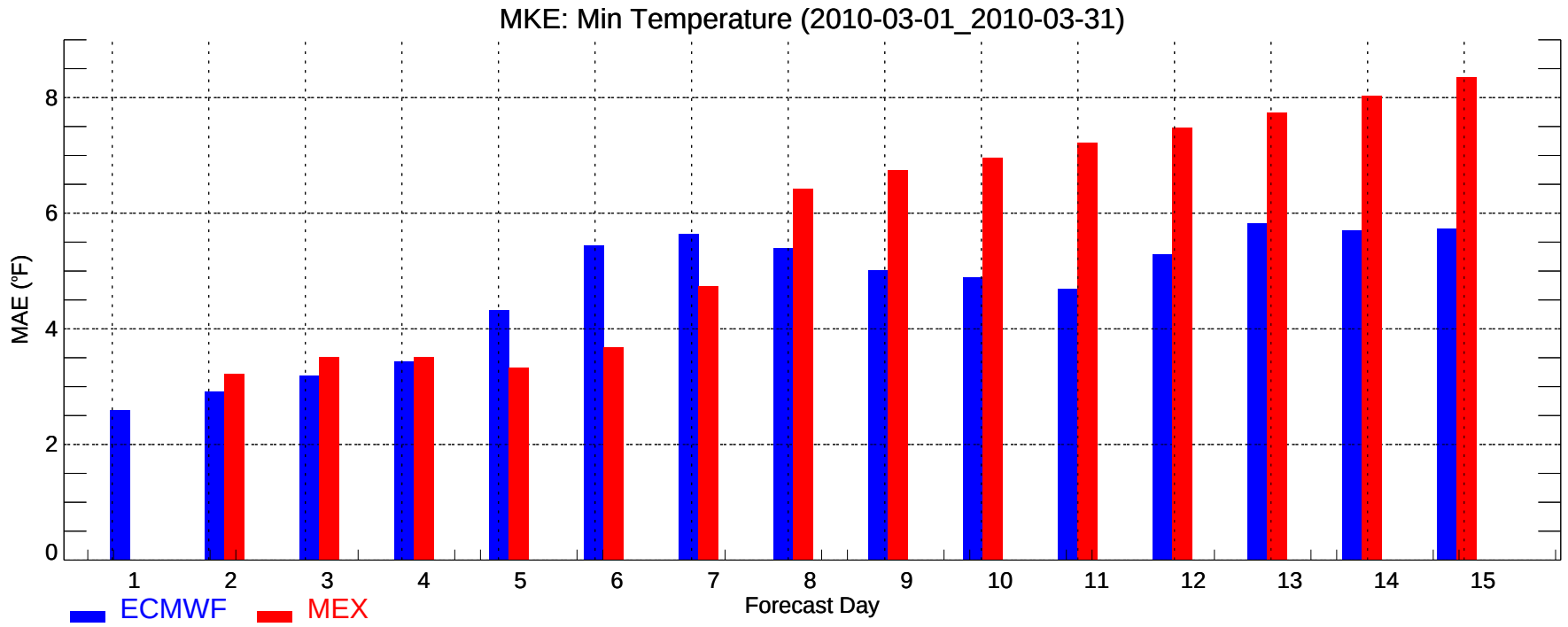

MIA: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

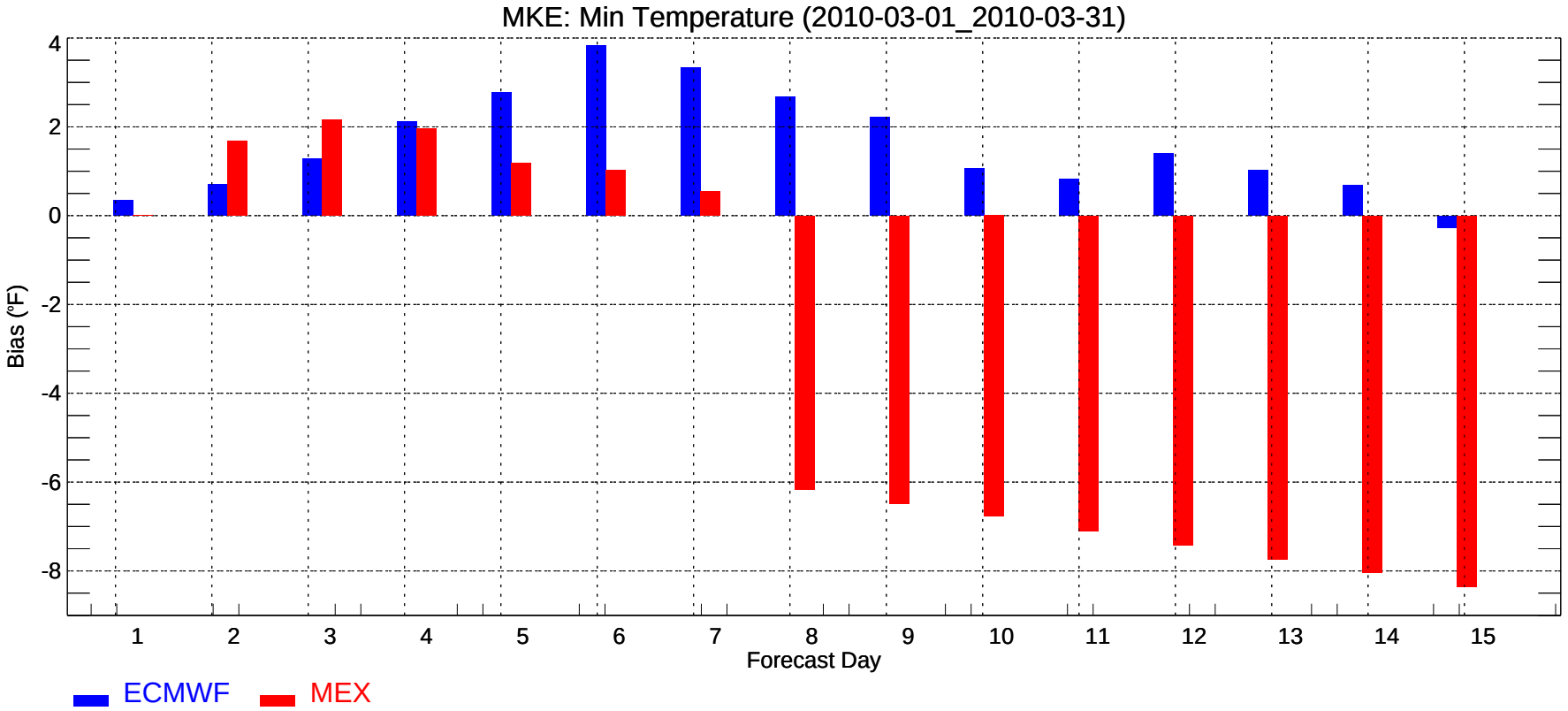

MIA: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

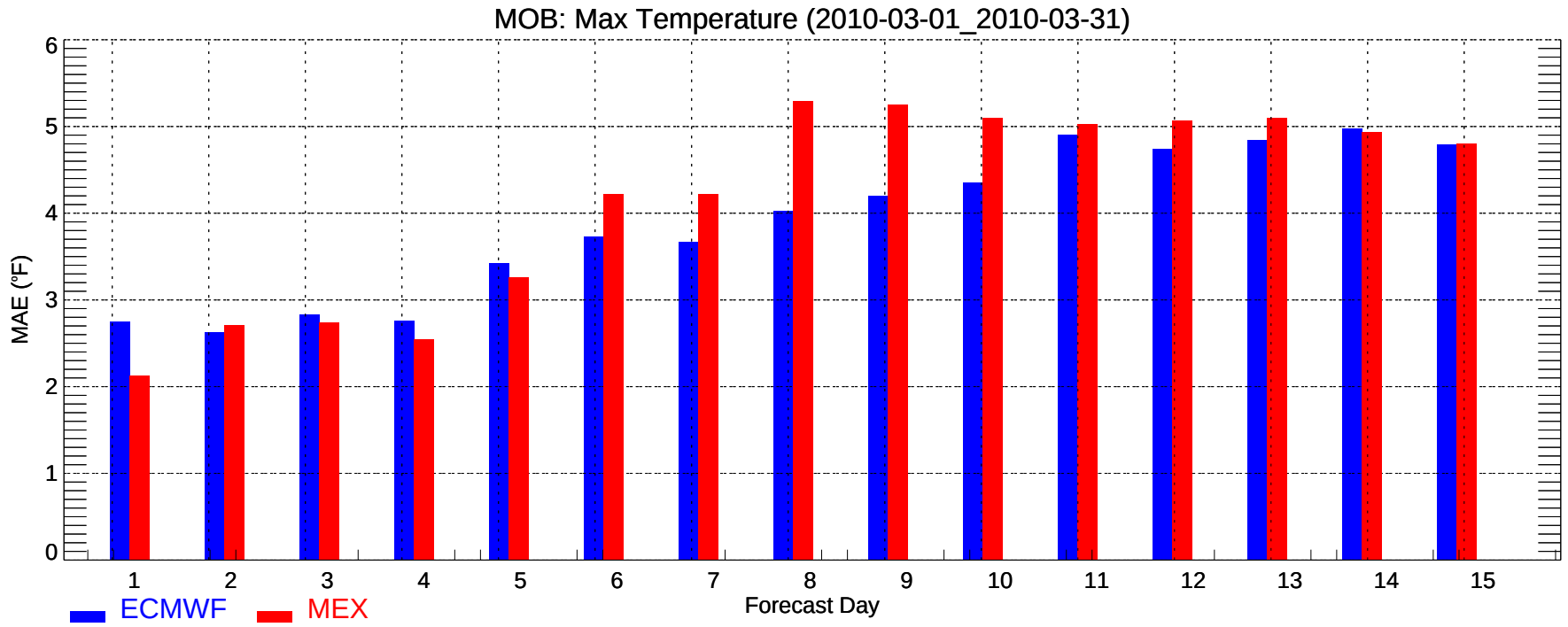

MIA: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

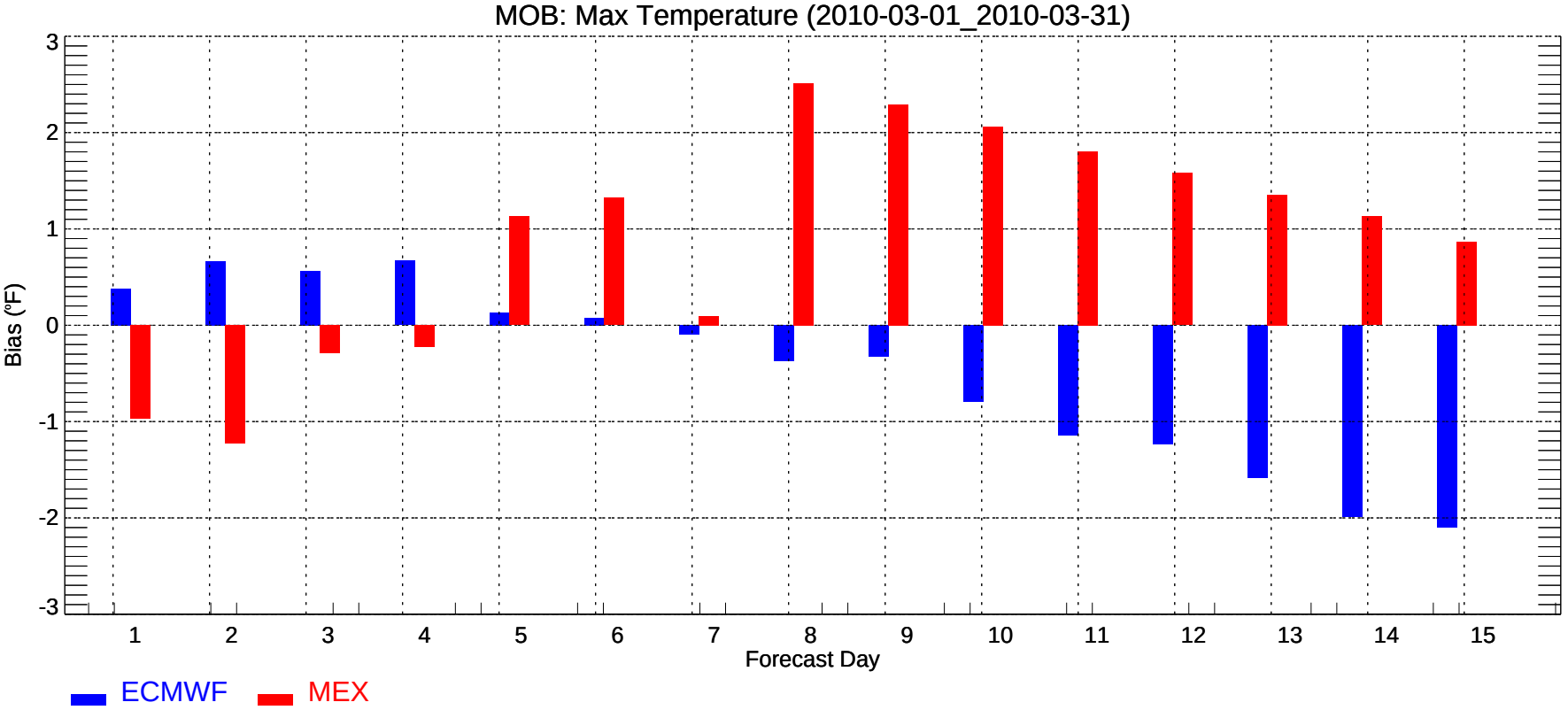

MKE: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

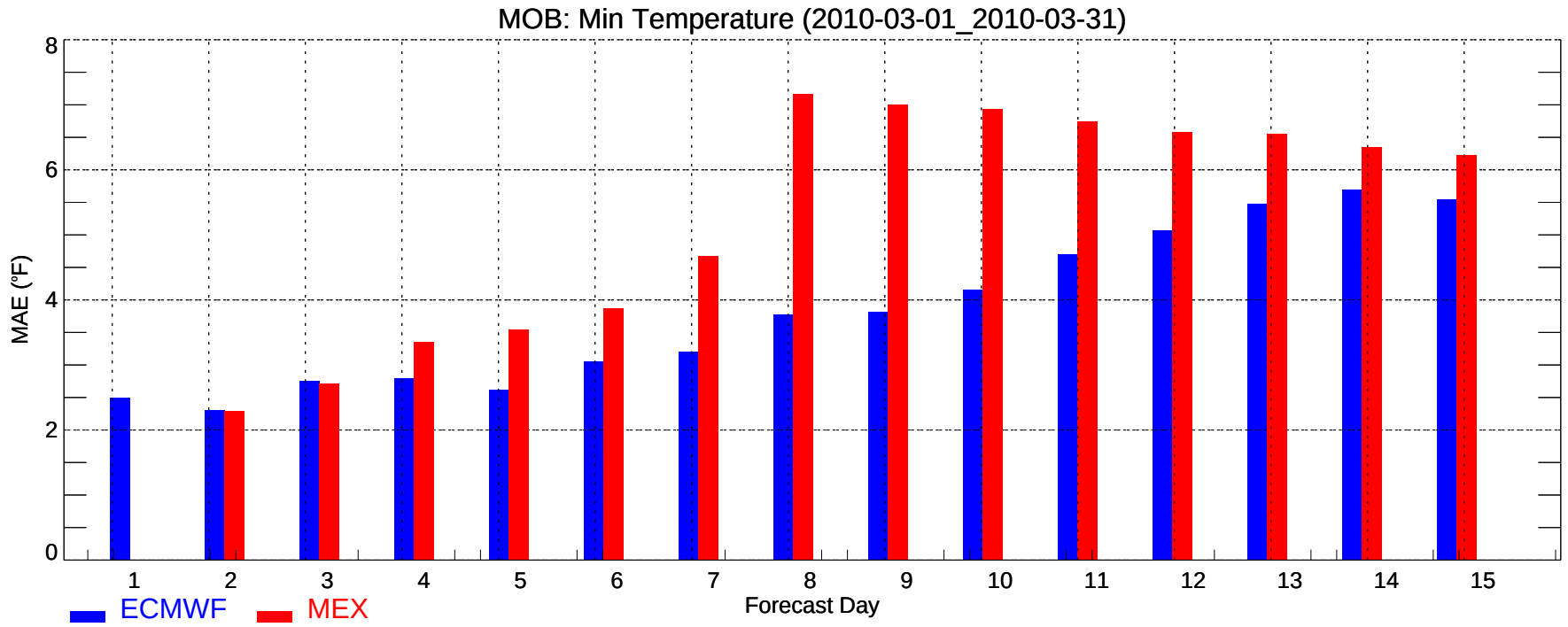

MKE: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

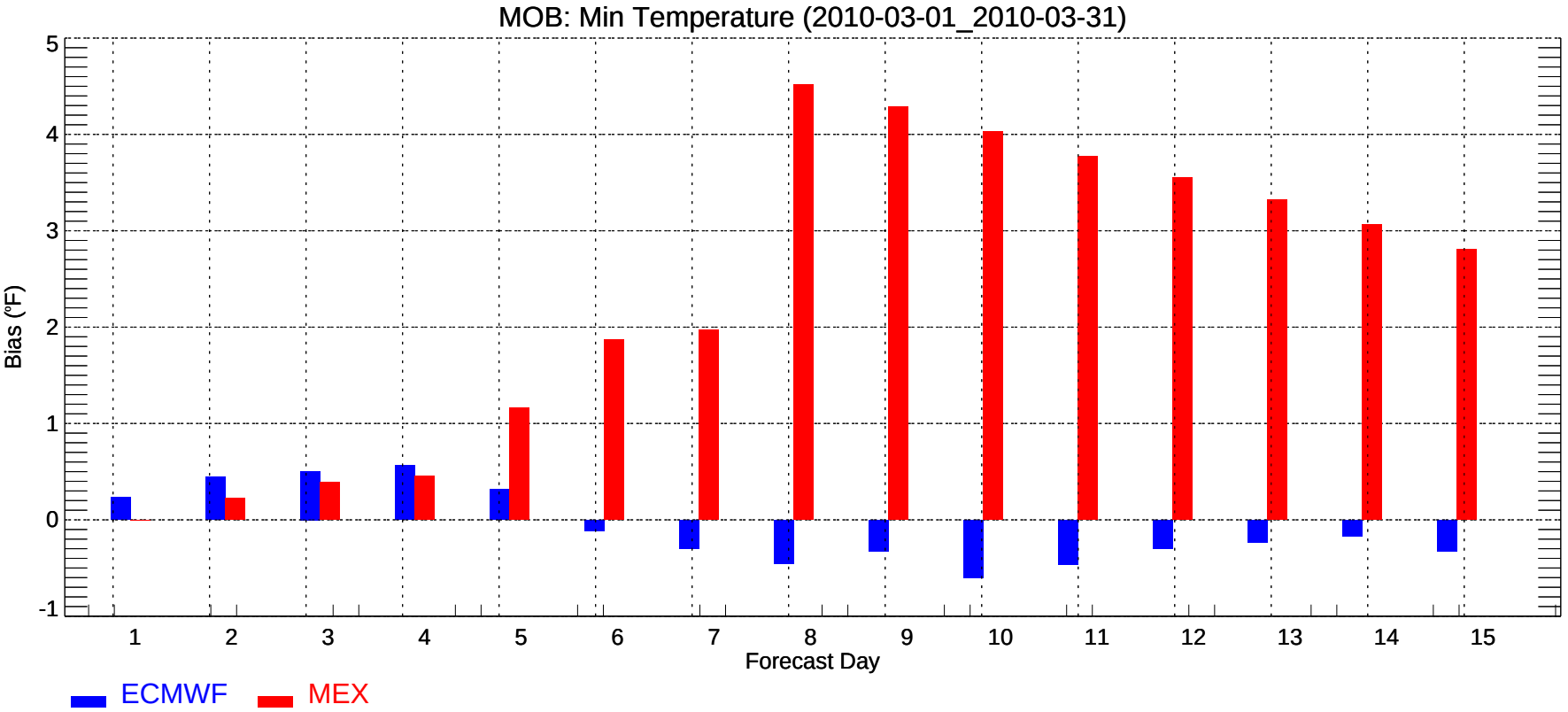

MKE: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

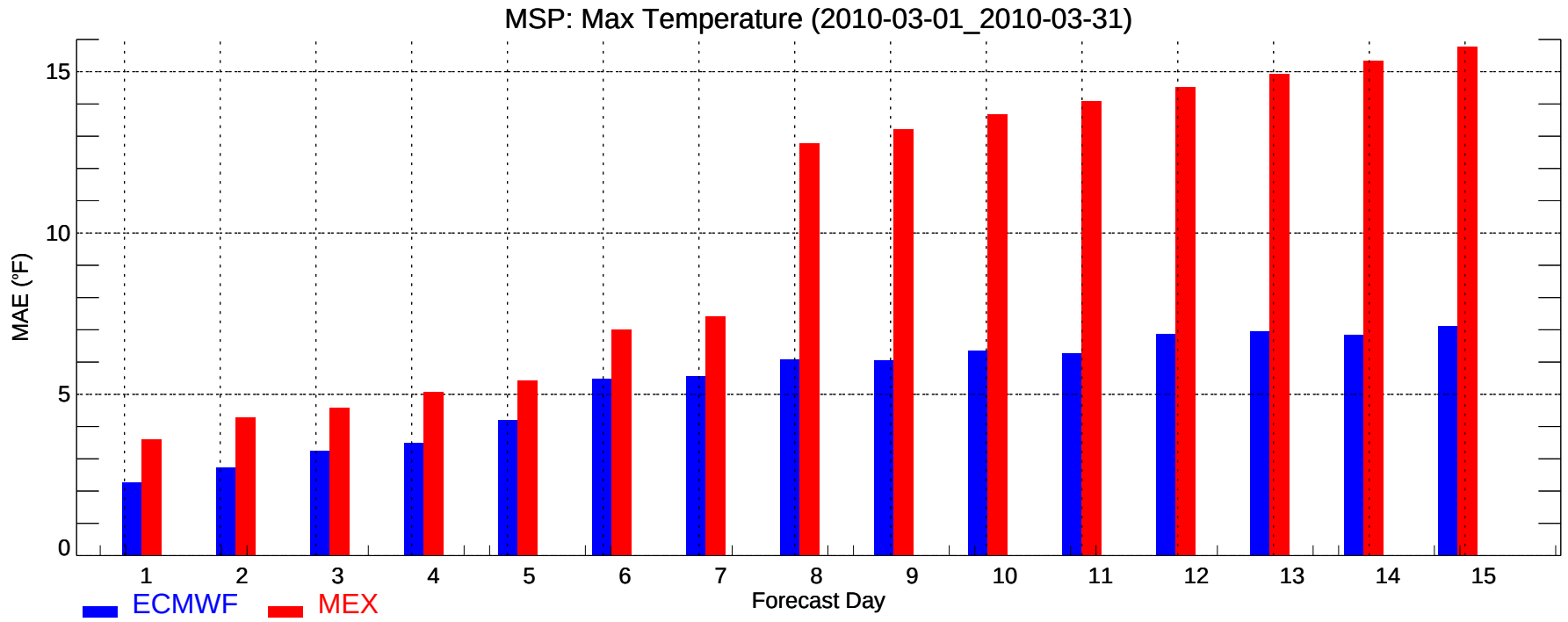

MKE: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-8
-6
-4
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

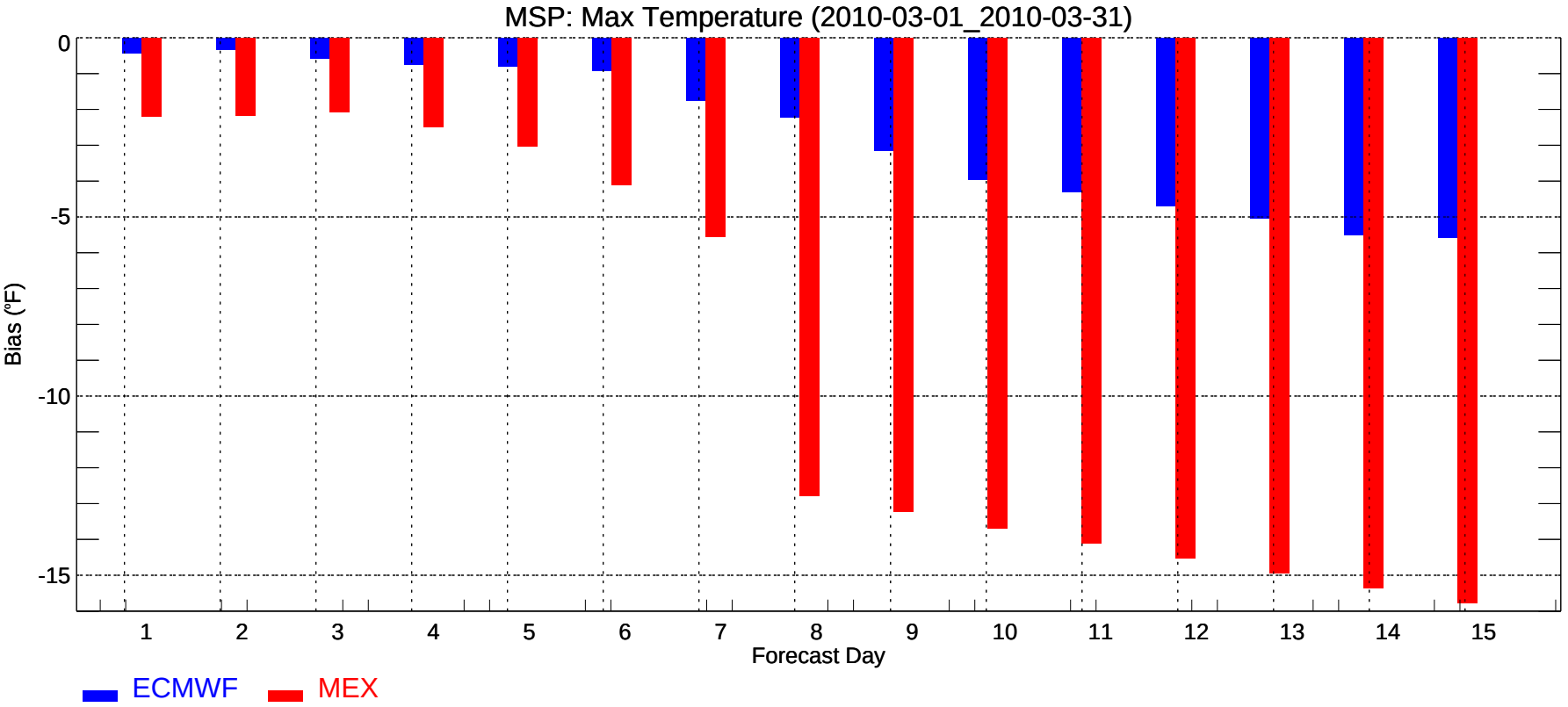

MOB: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

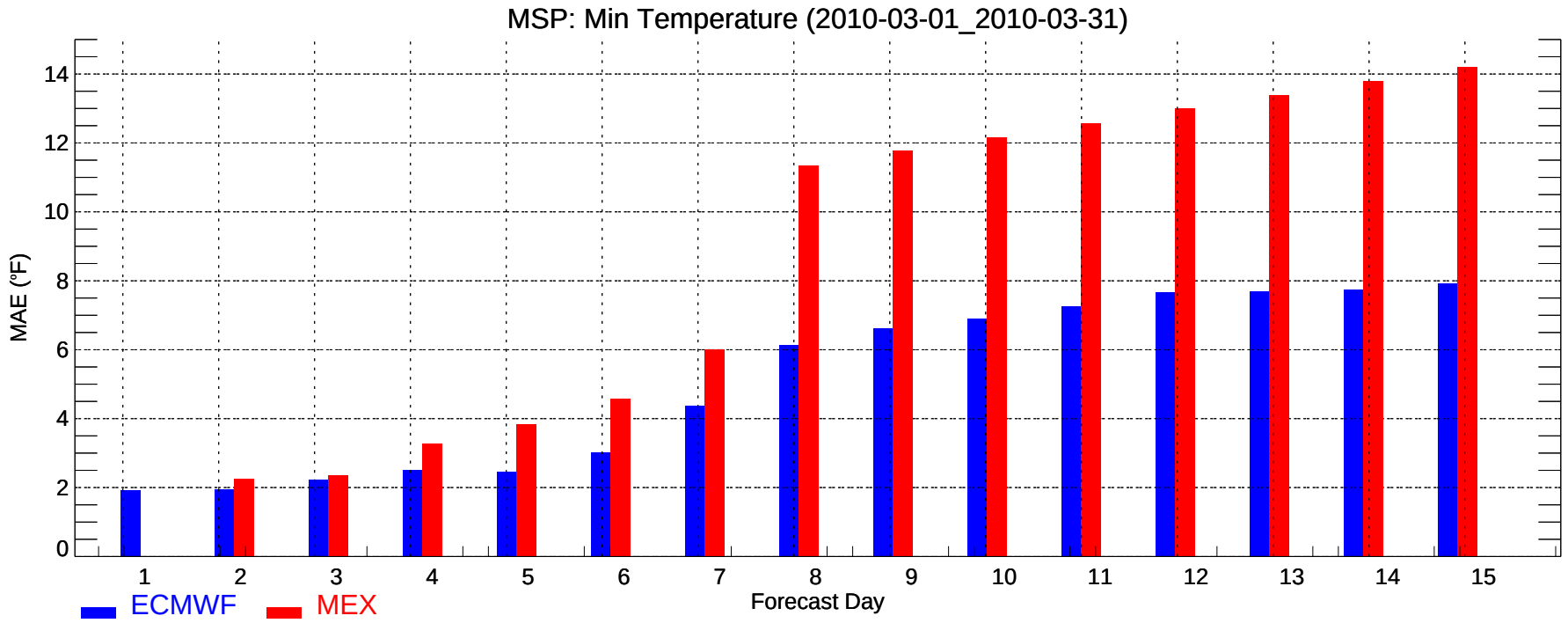

MOB: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

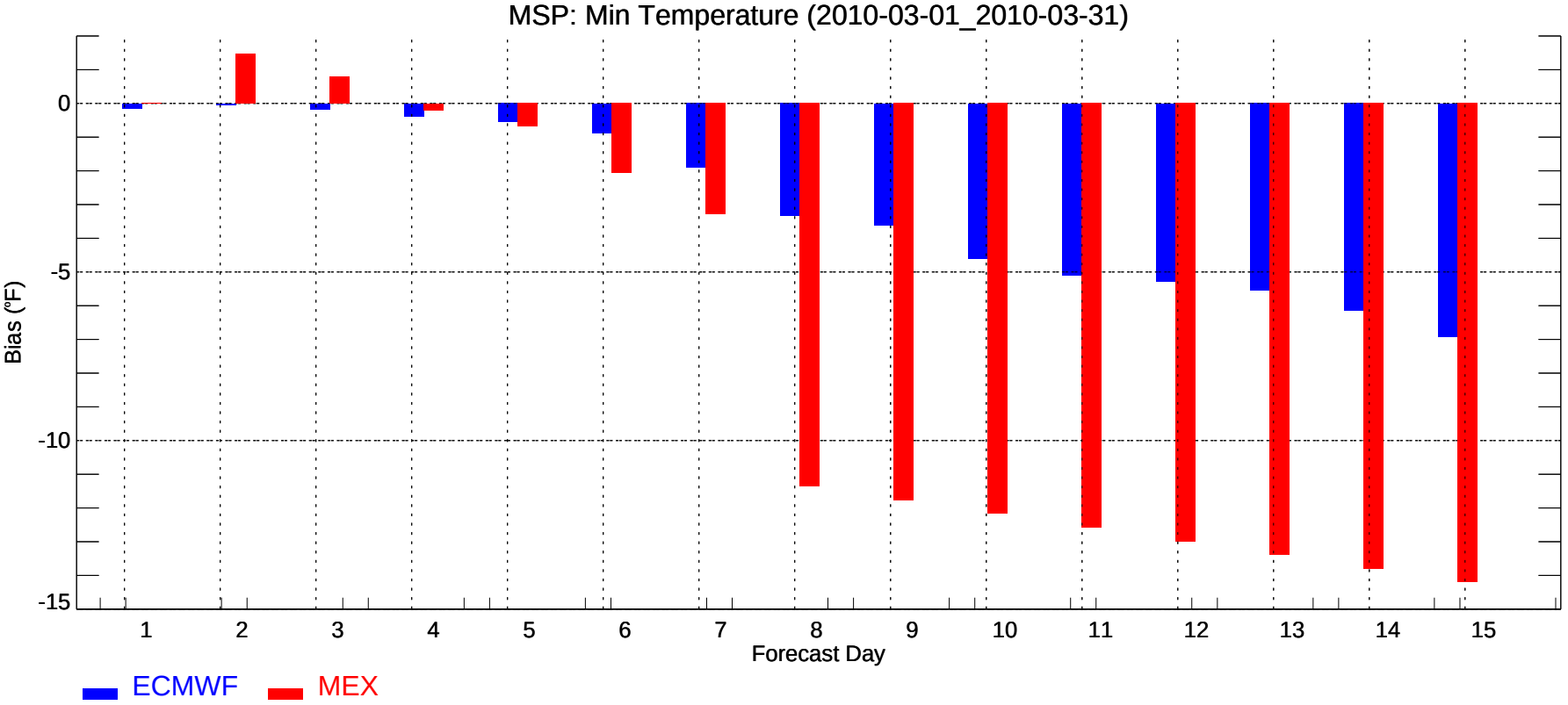

MOB: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

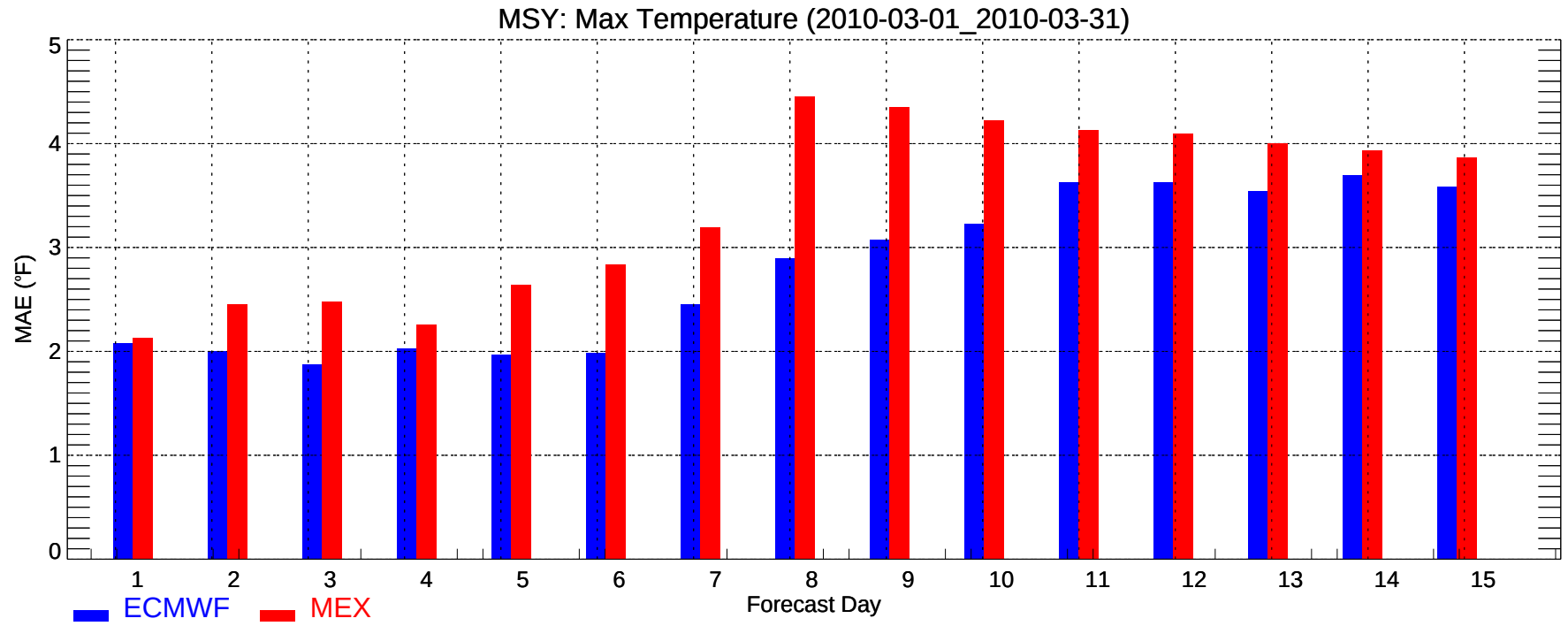

MOB: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

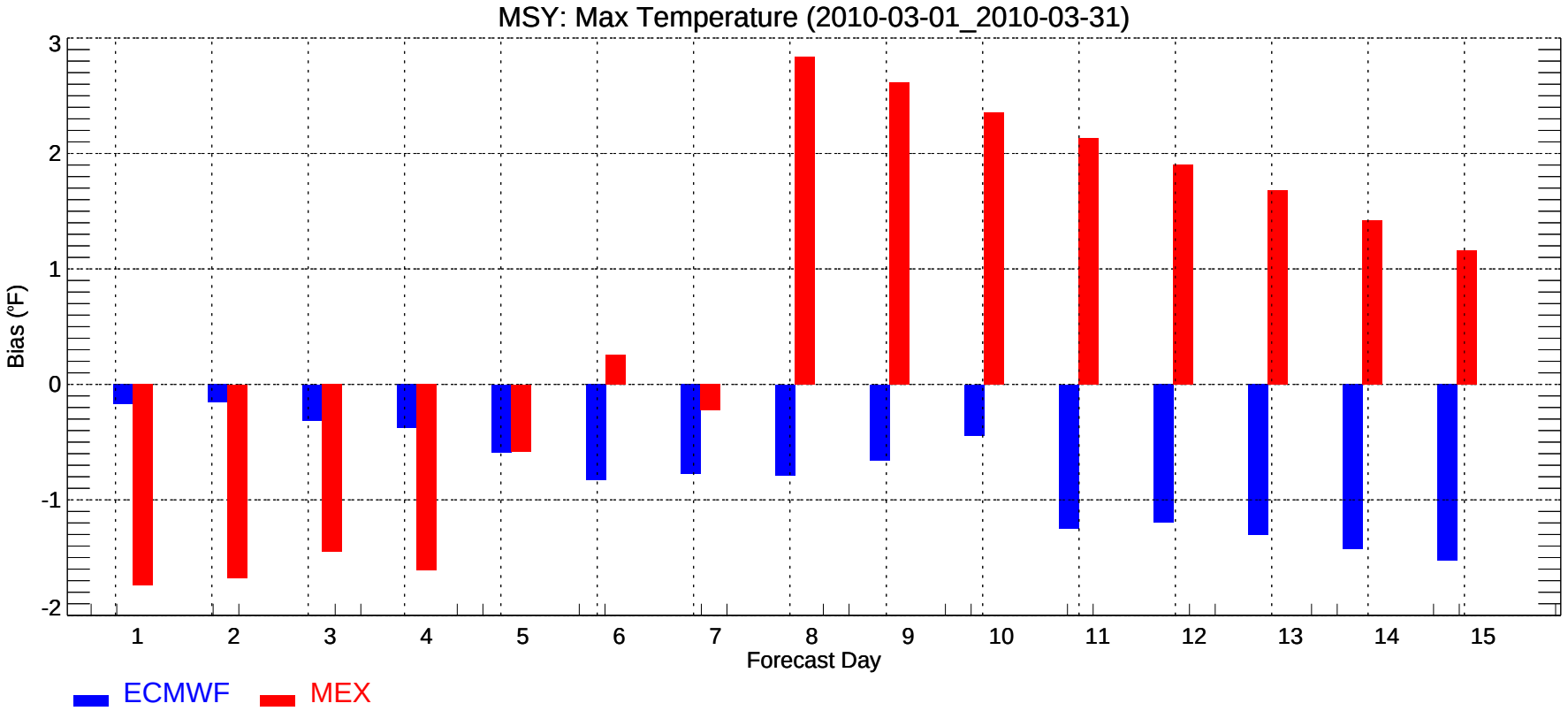

MSP: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

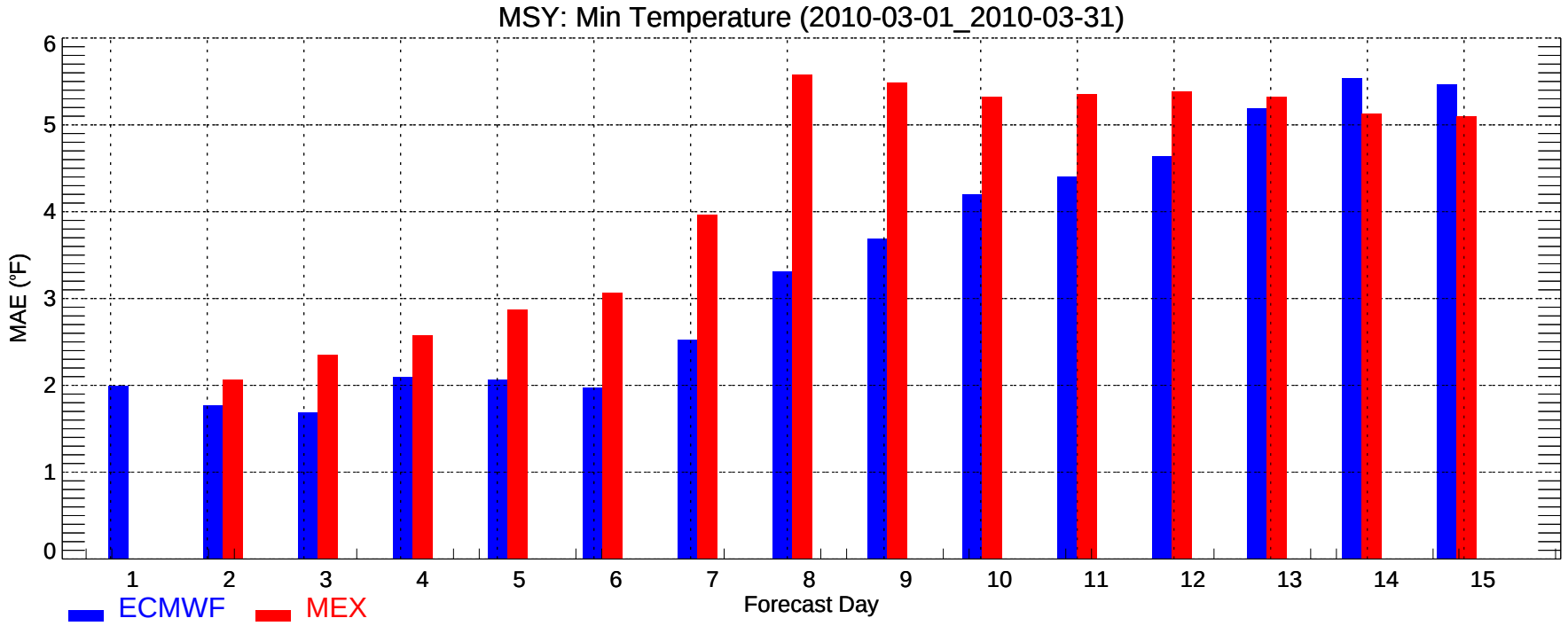

MSP: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

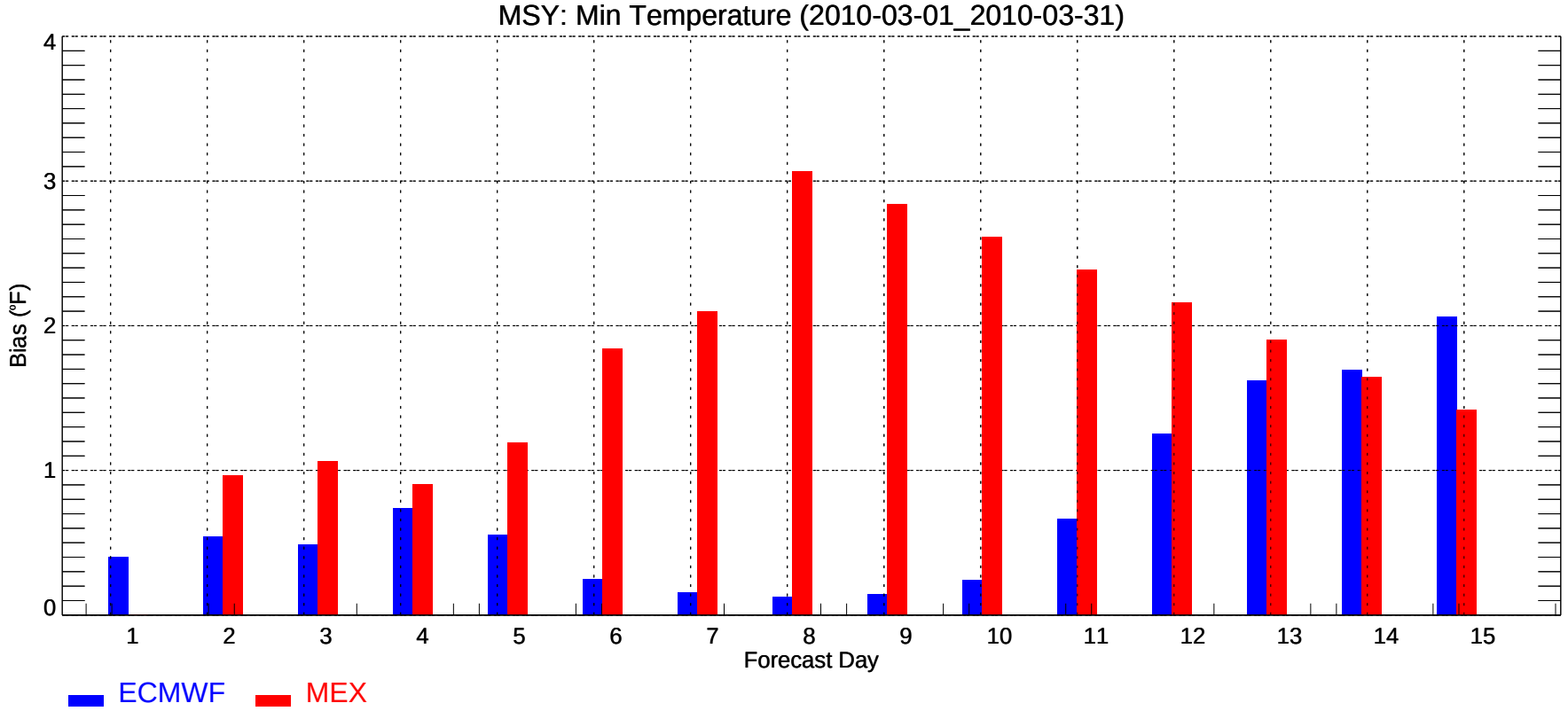

MSP: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

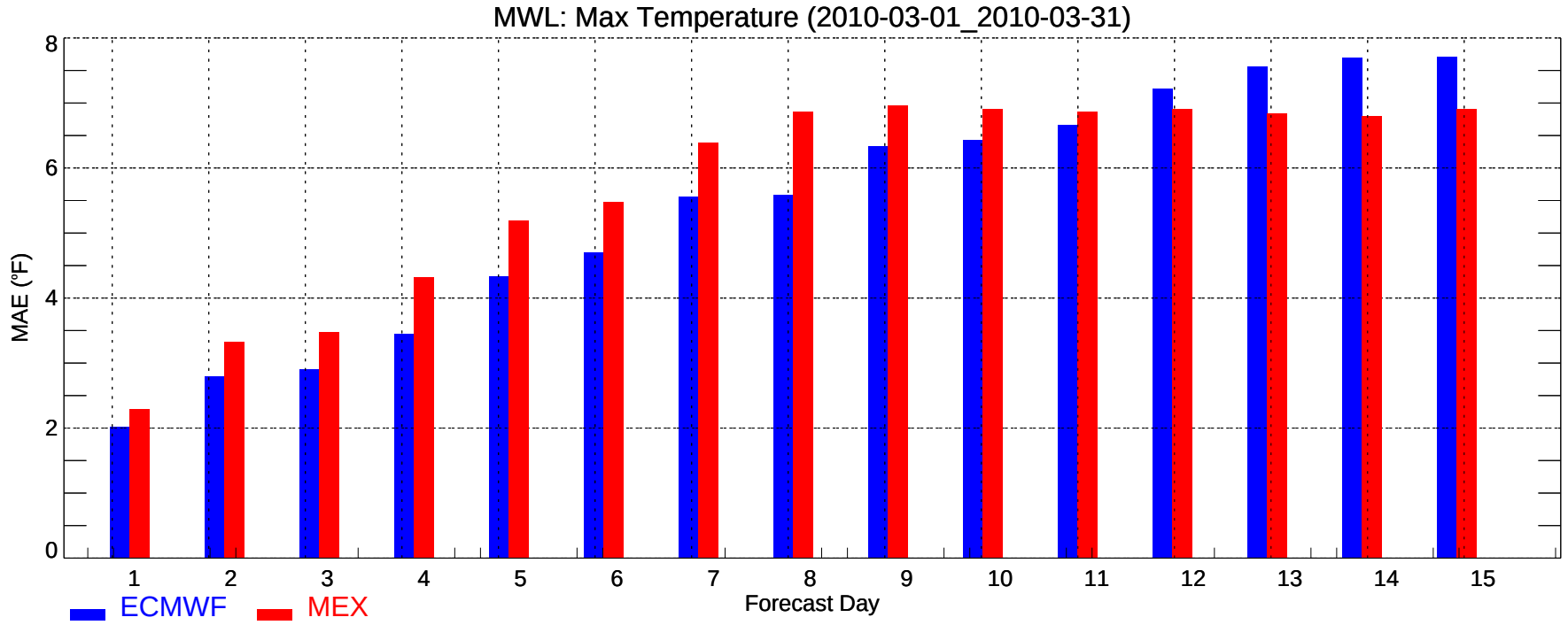

MSP: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

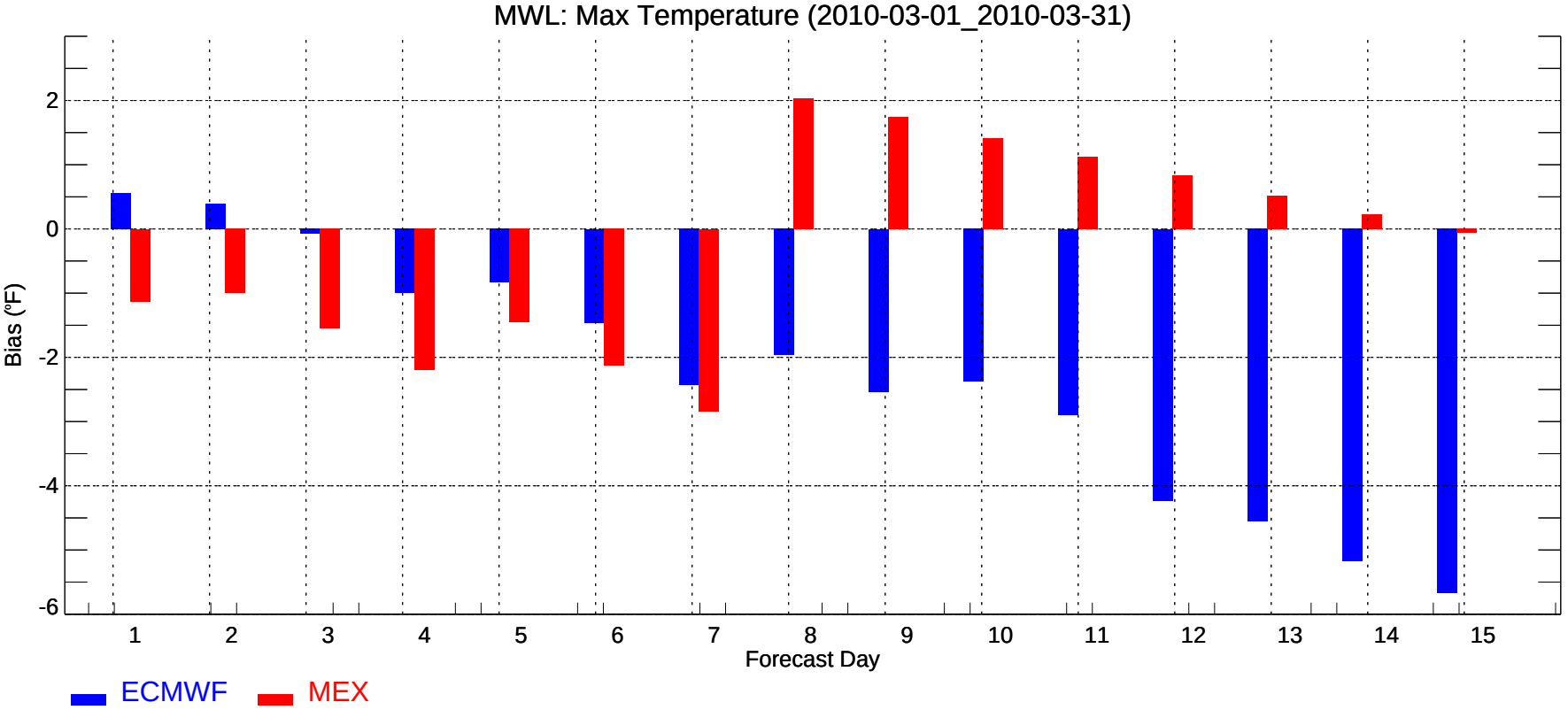

MSY: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

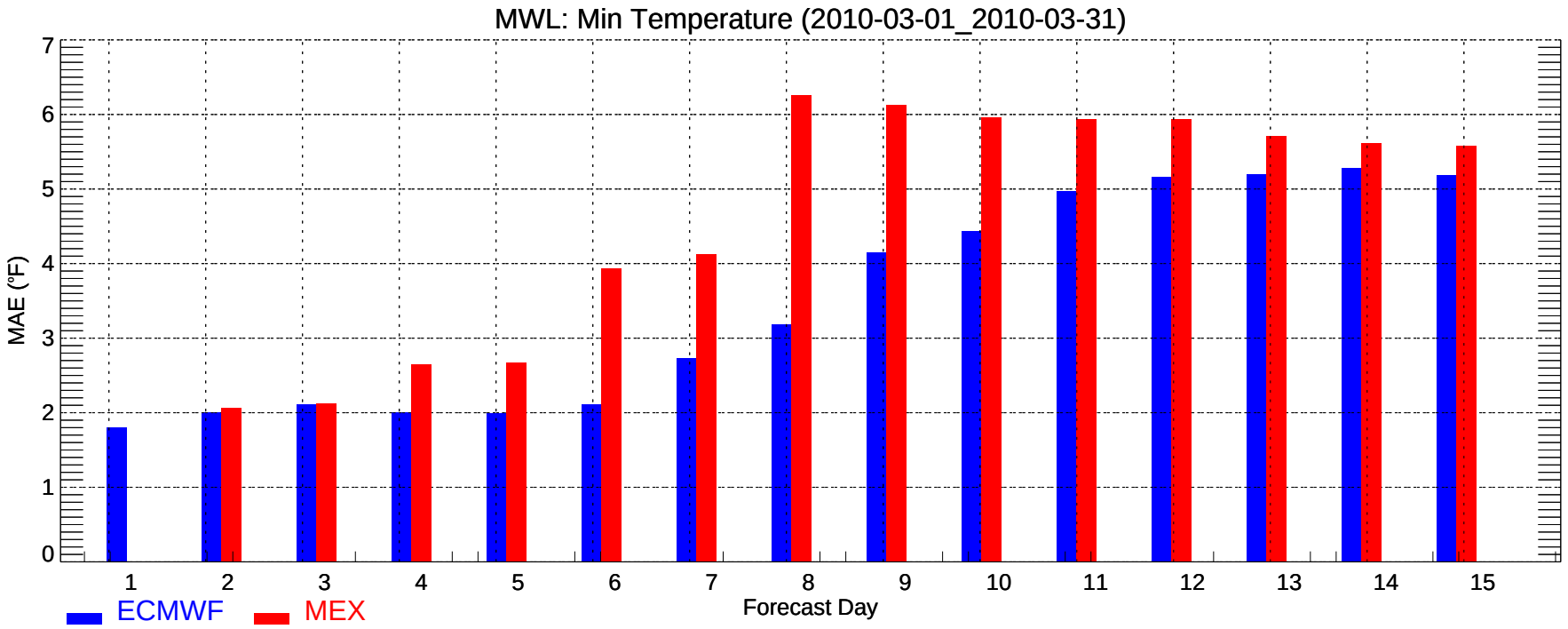

MSY: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

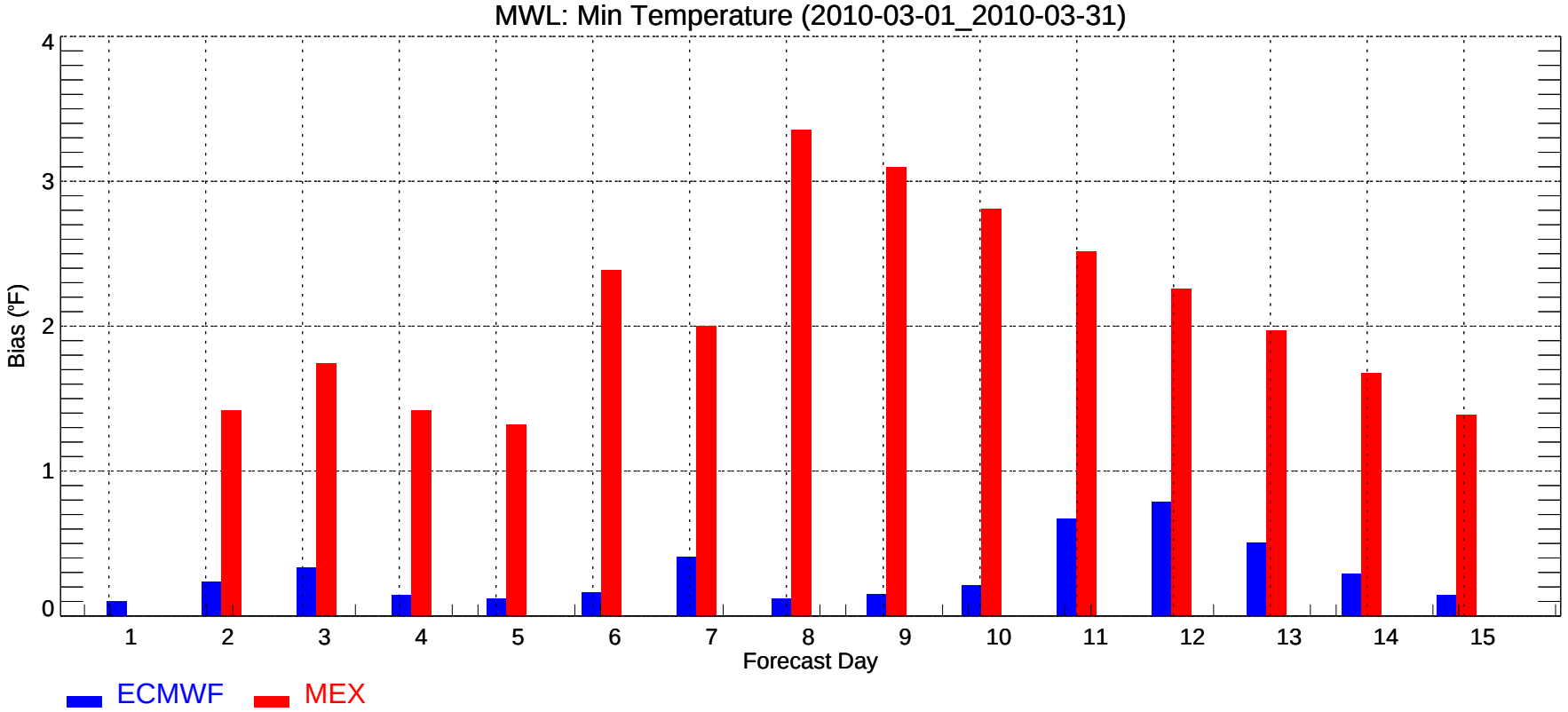

MSY: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

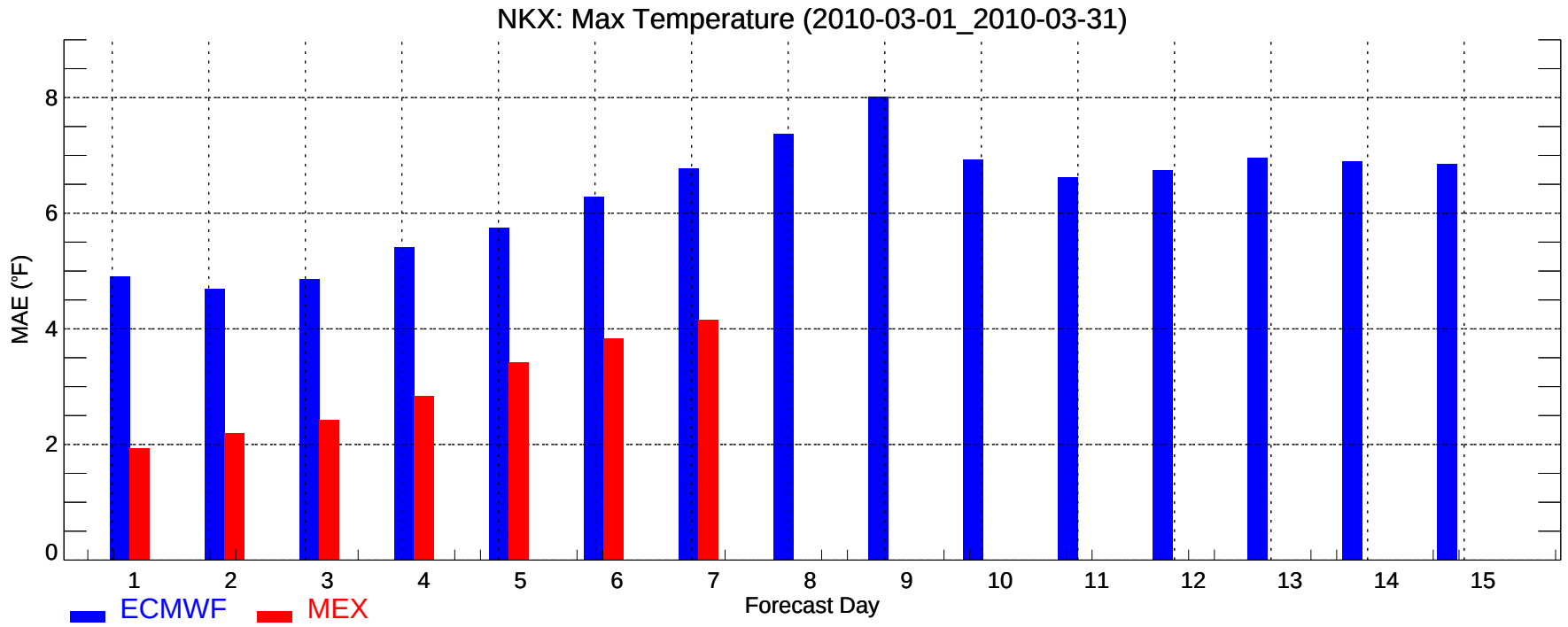

MSY: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

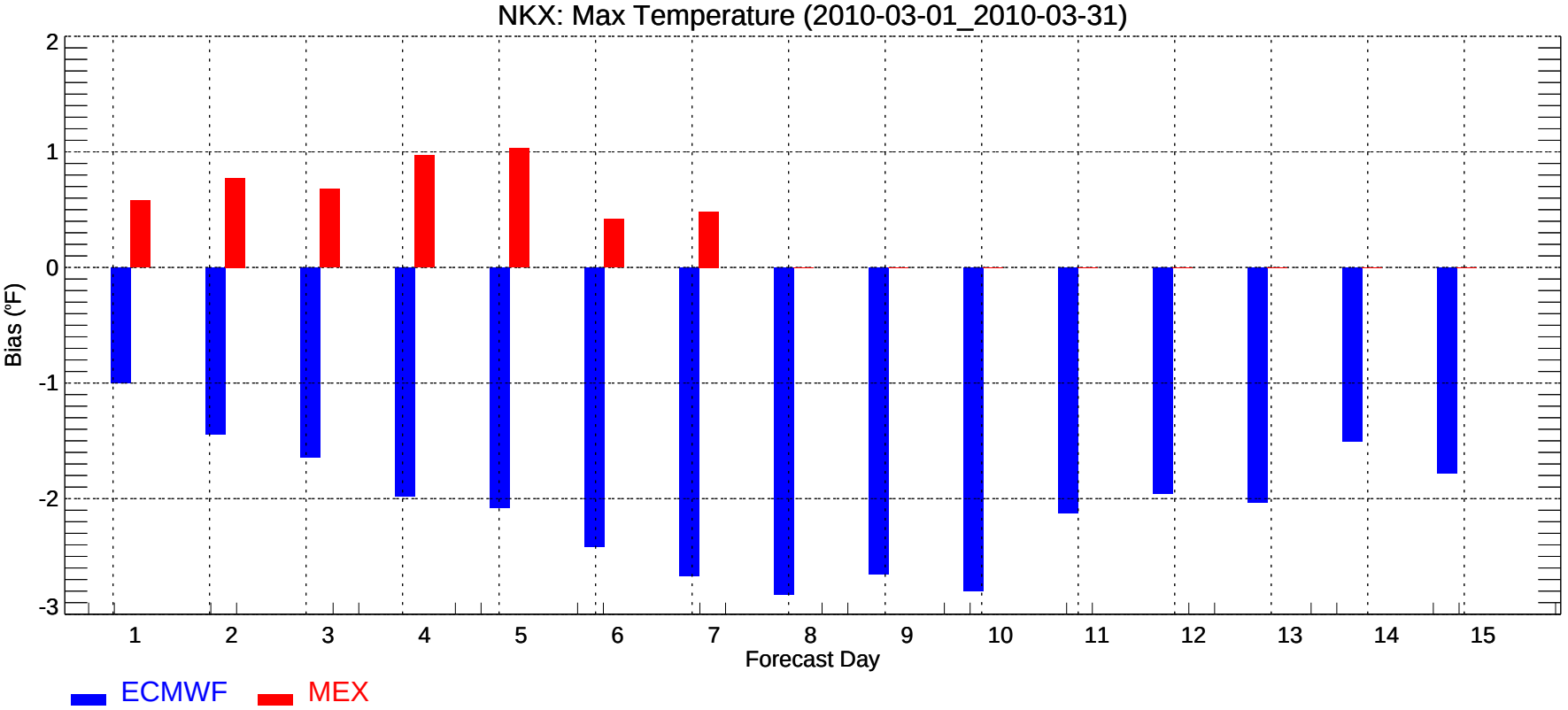

MWL: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

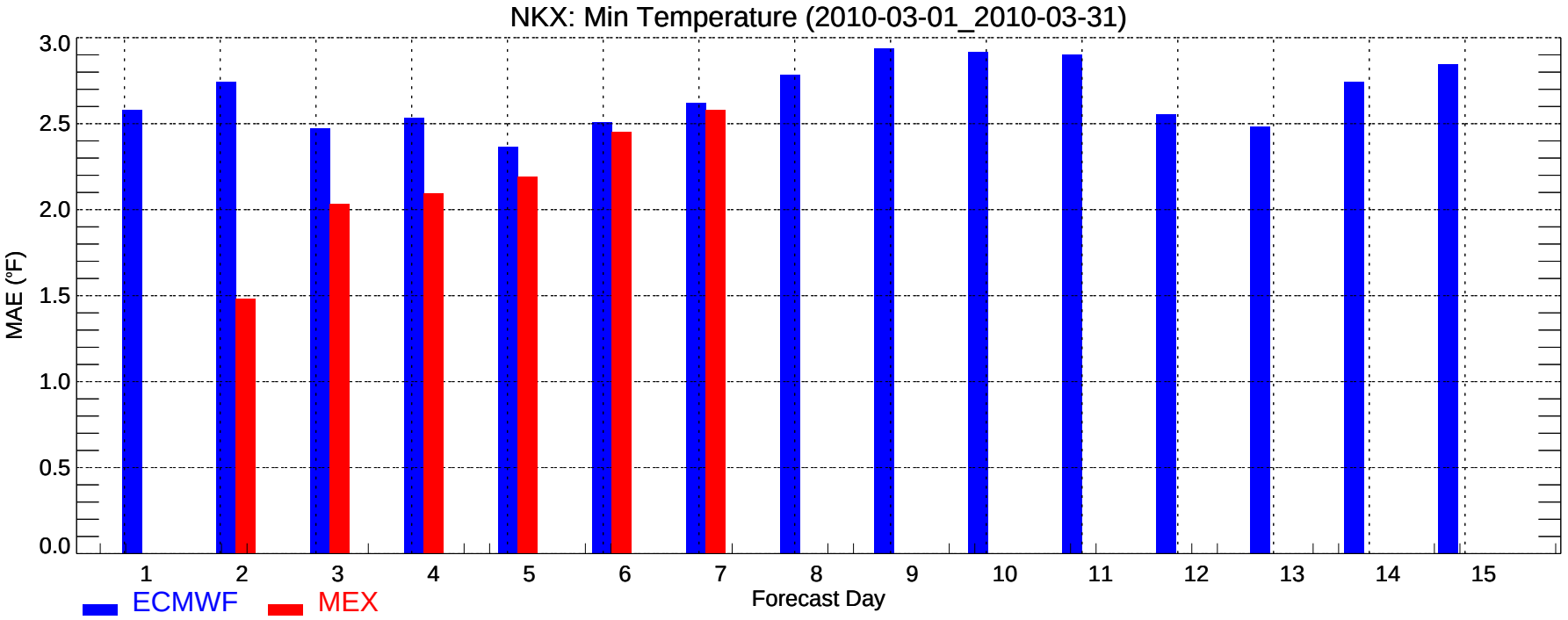

MWL: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-6
-4
-2
0
2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

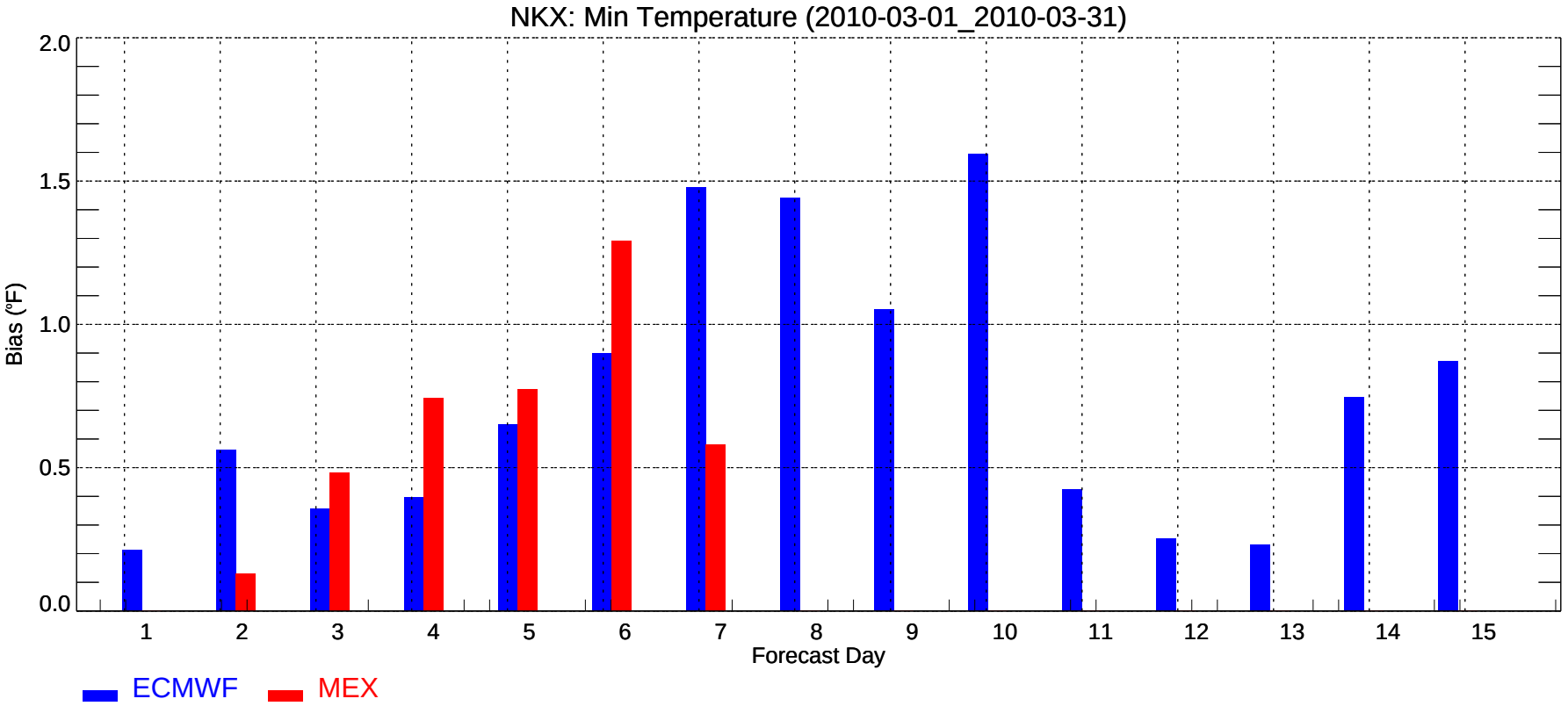

MWL: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

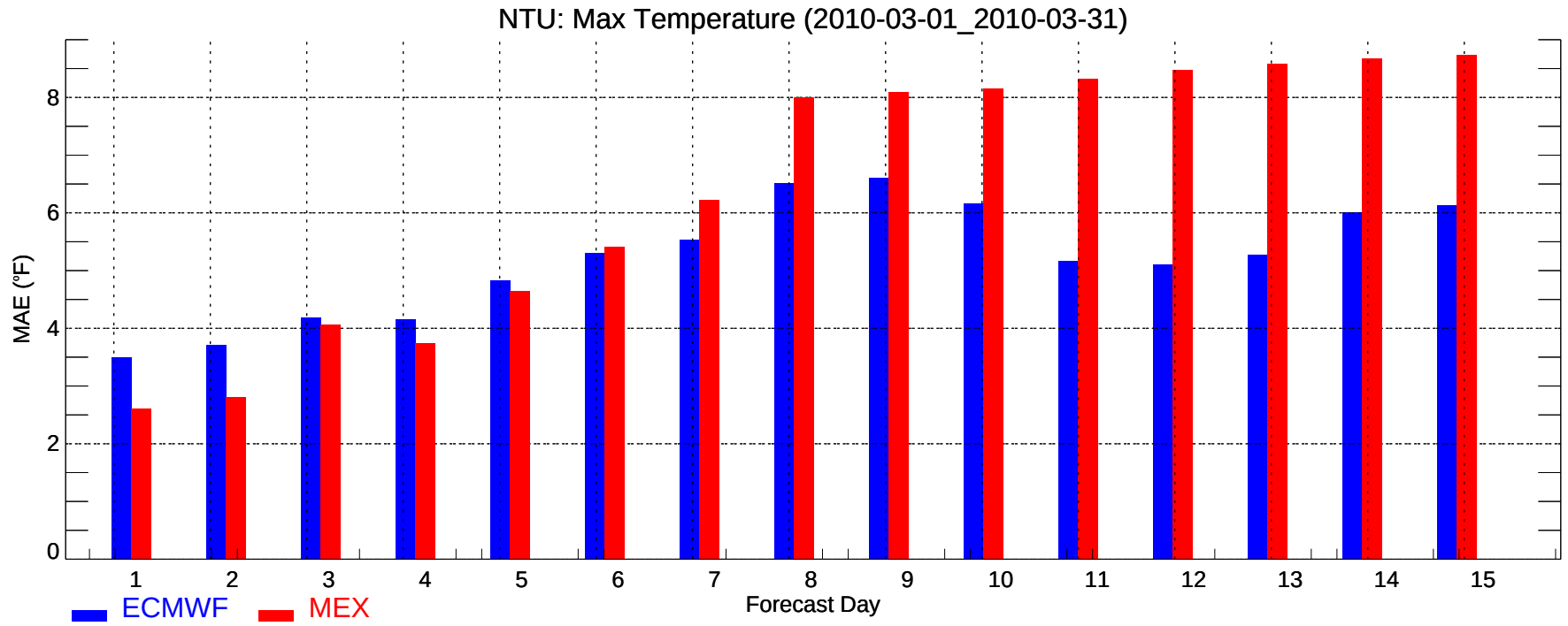

MWL: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

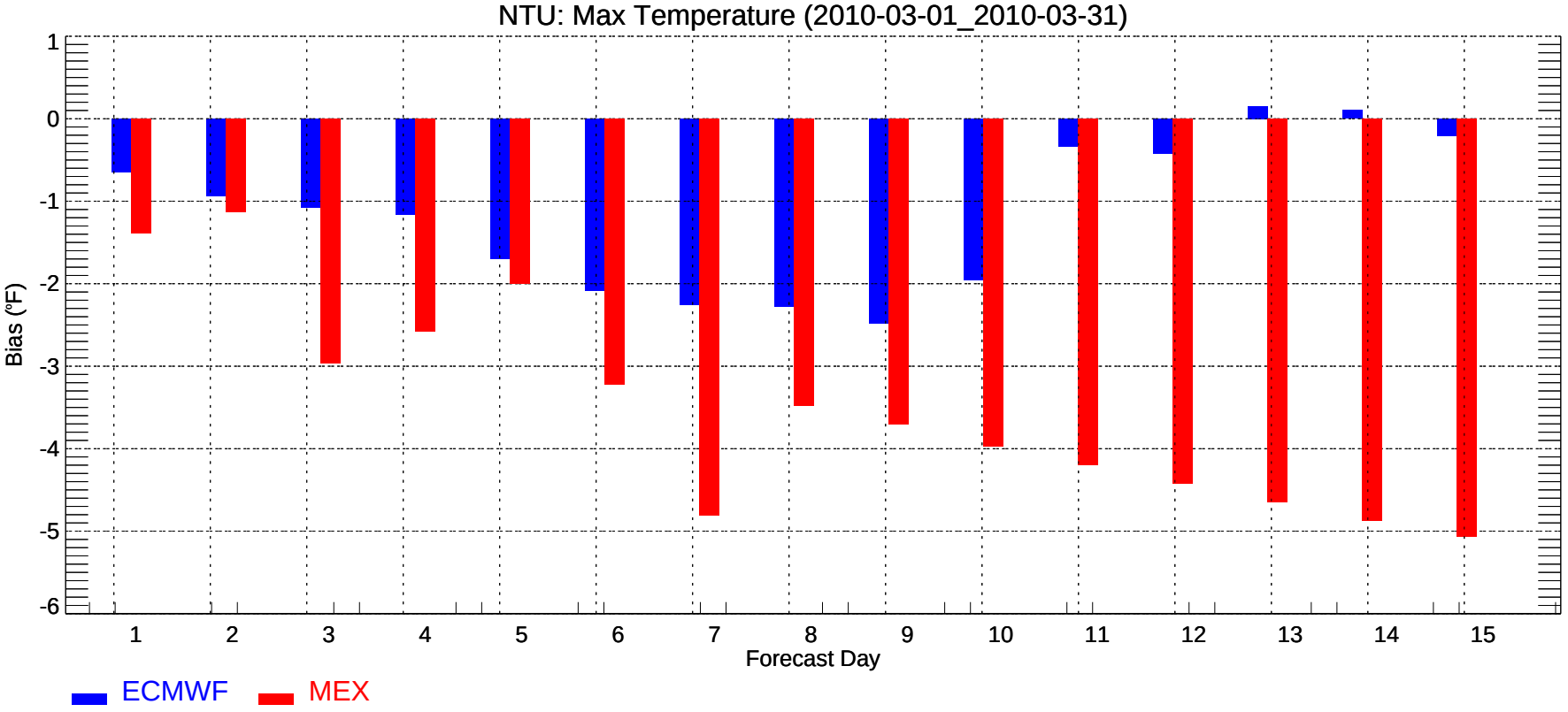

NKX: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

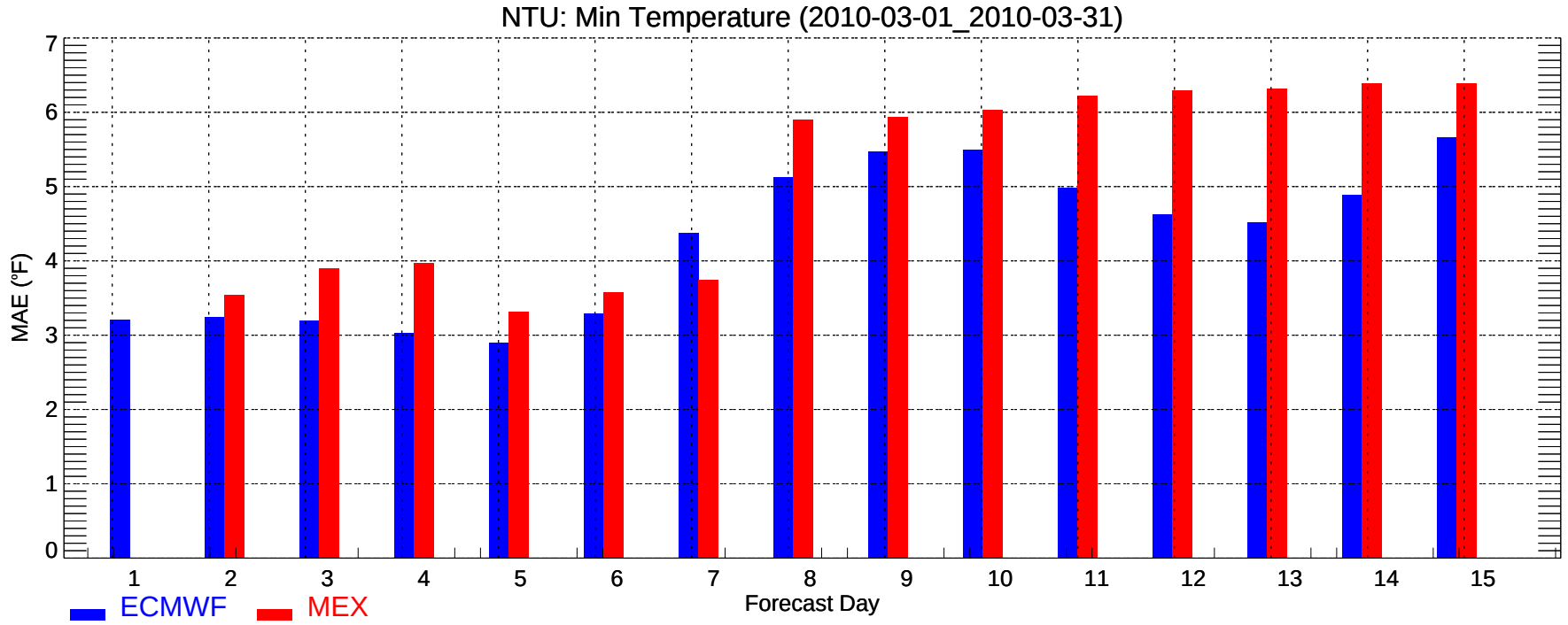

NKX: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

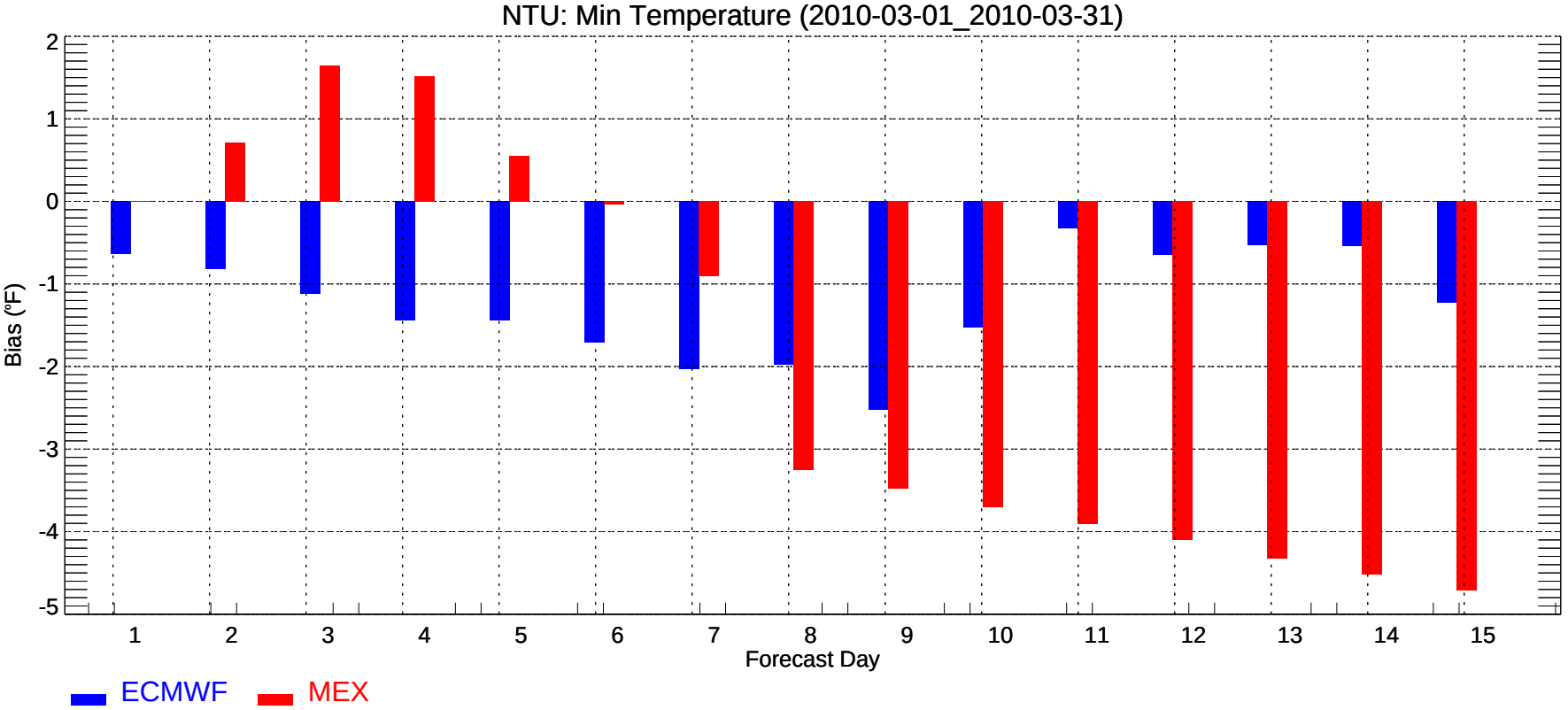

NKX: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

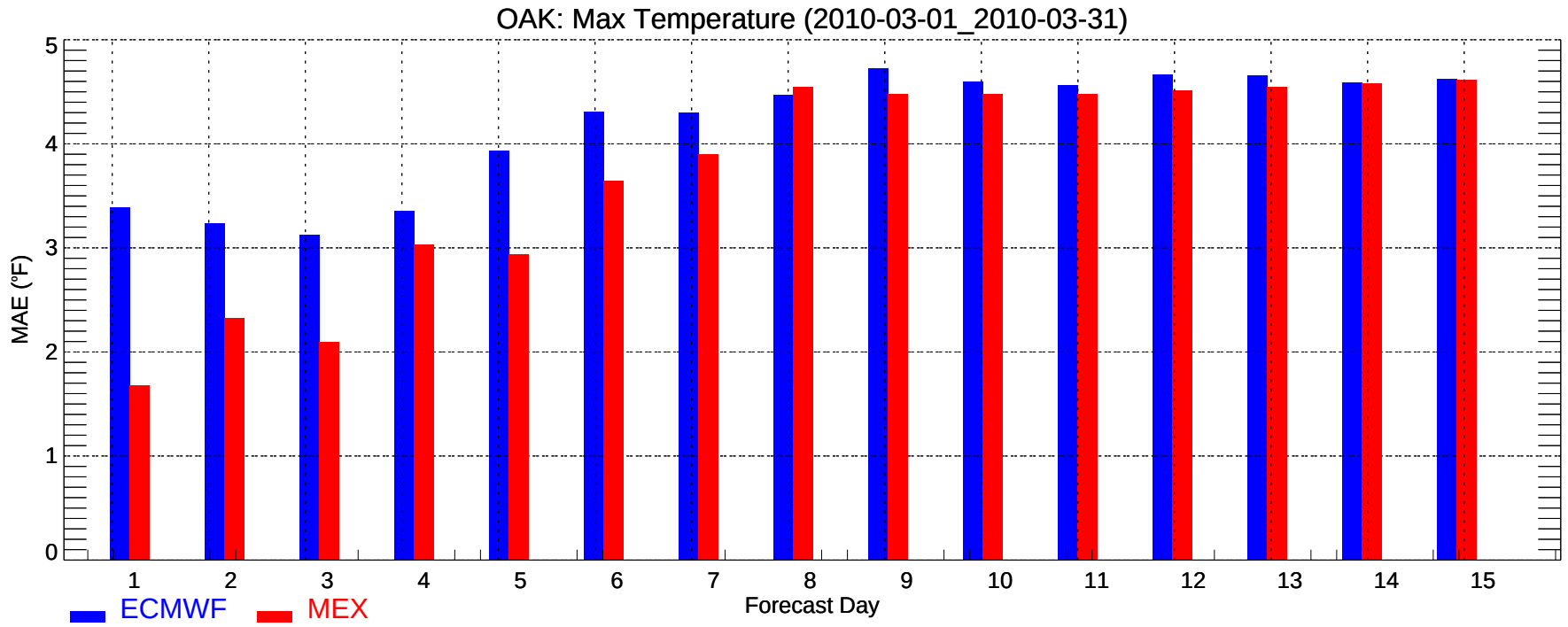

NKX: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2.0
1.5
1.0
0.5
0.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

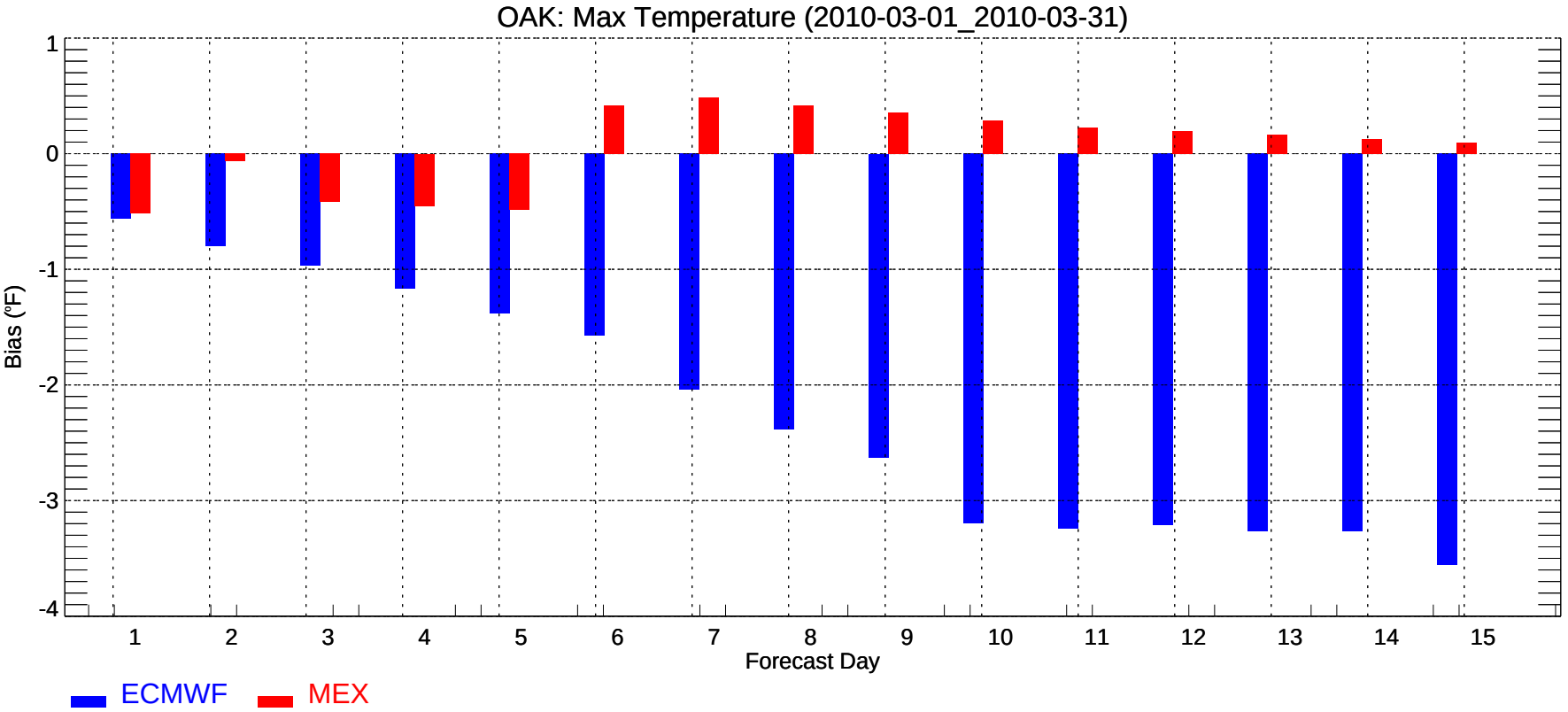

NTU: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

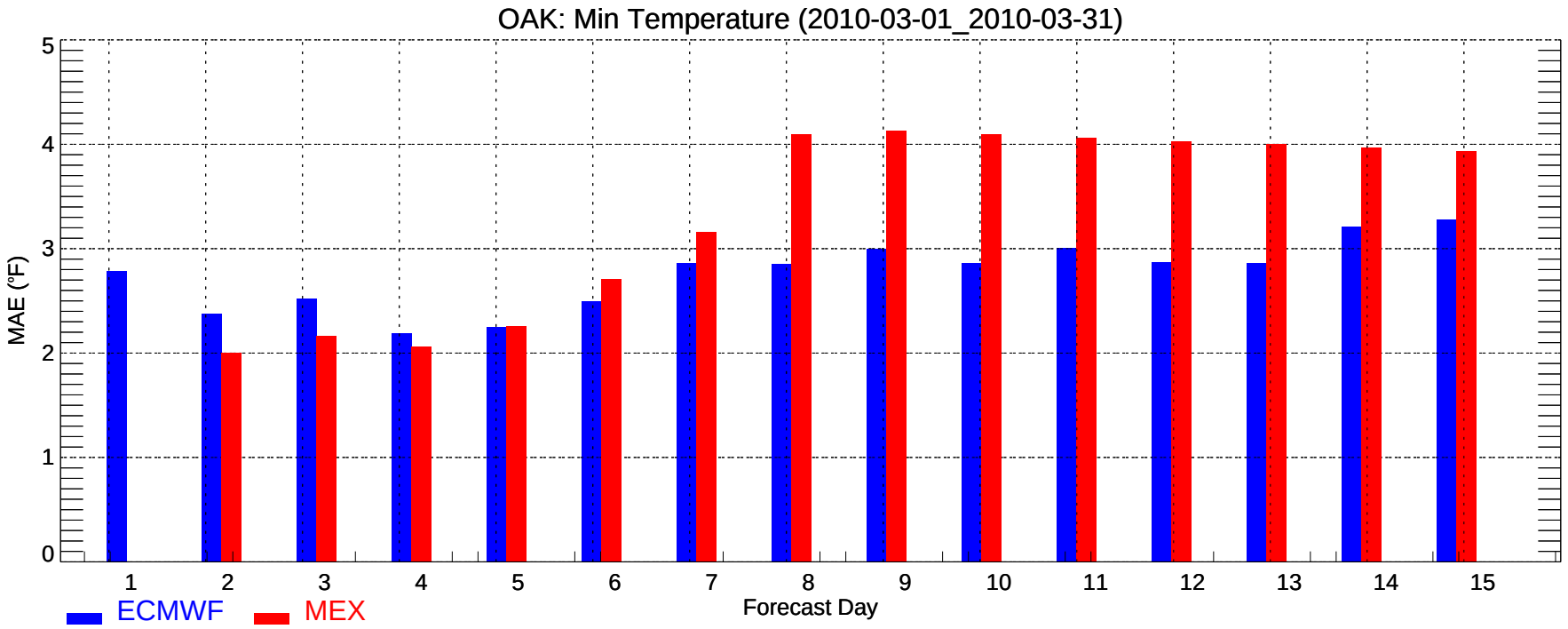

NTU: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

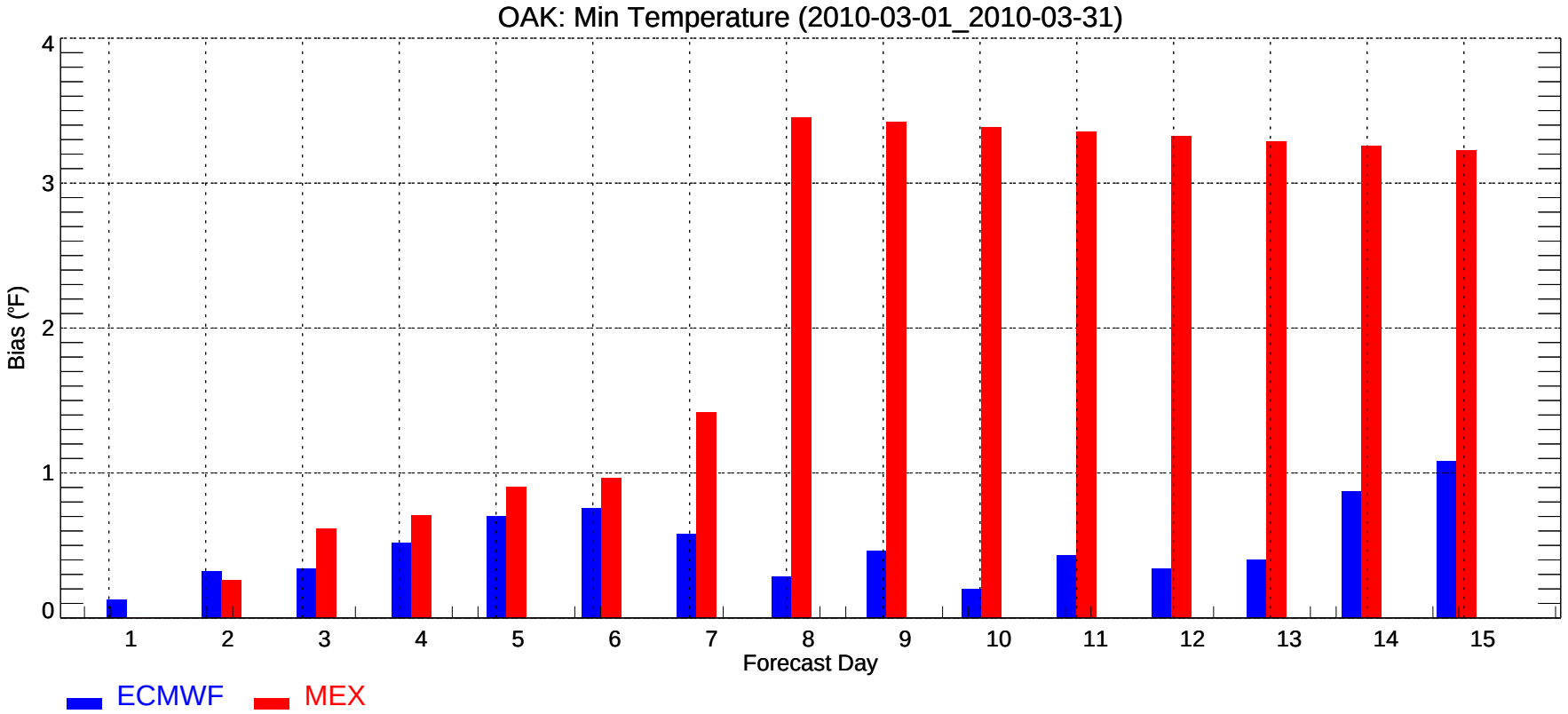

NTU: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

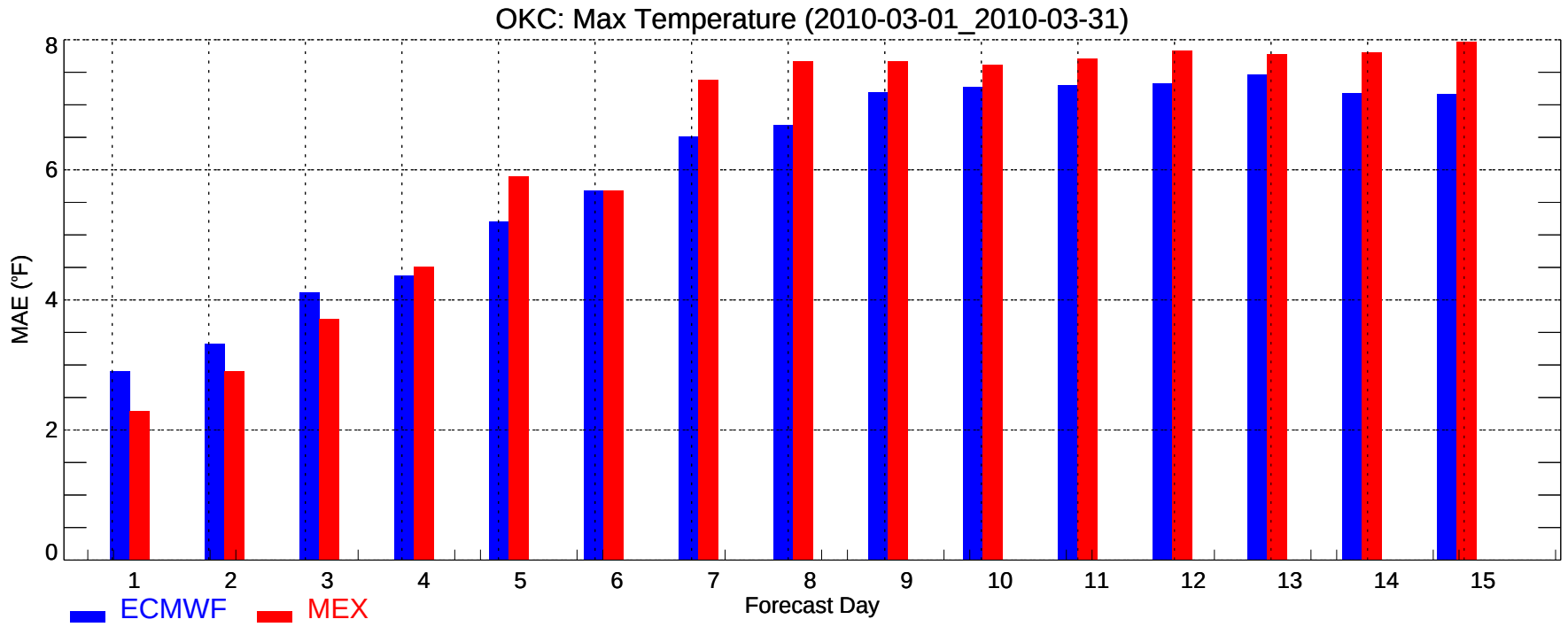

NTU: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

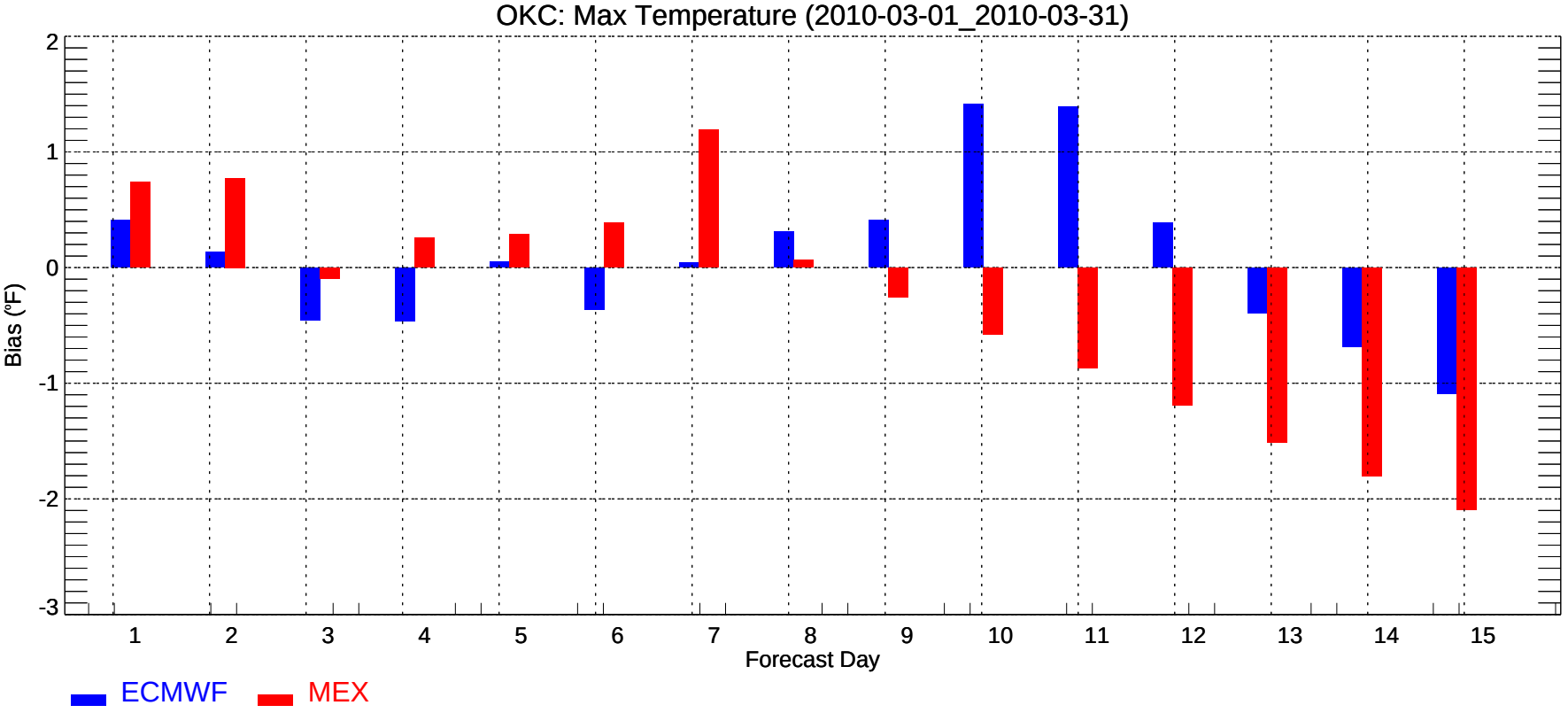

OAK: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

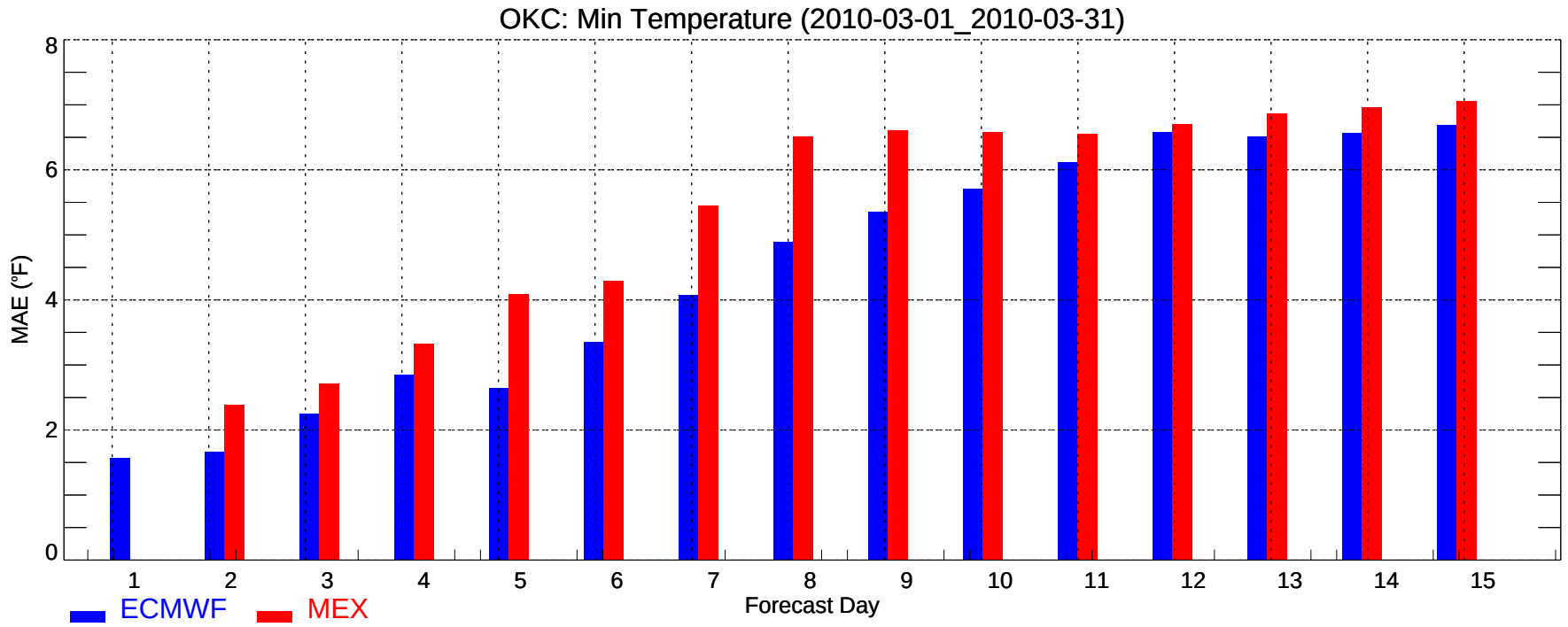

OAK: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

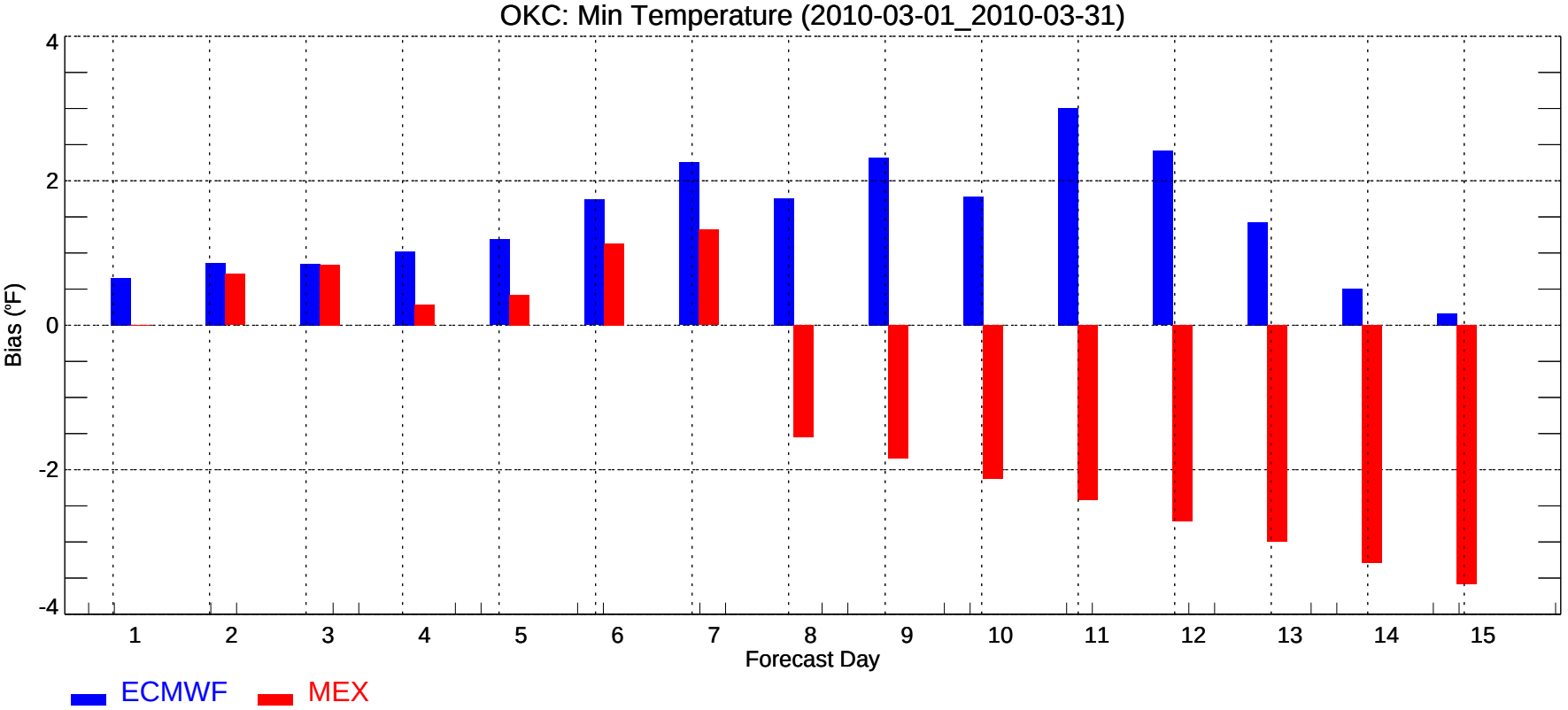

OAK: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

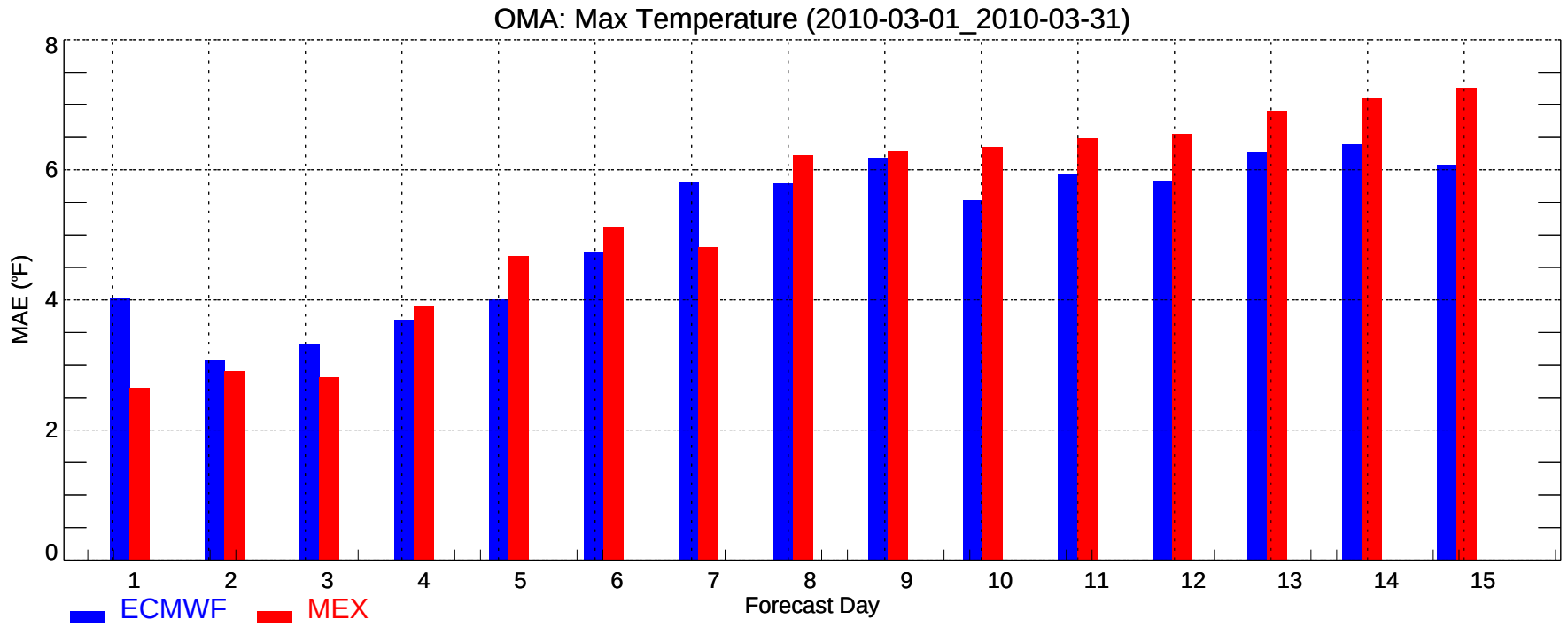

OAK: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

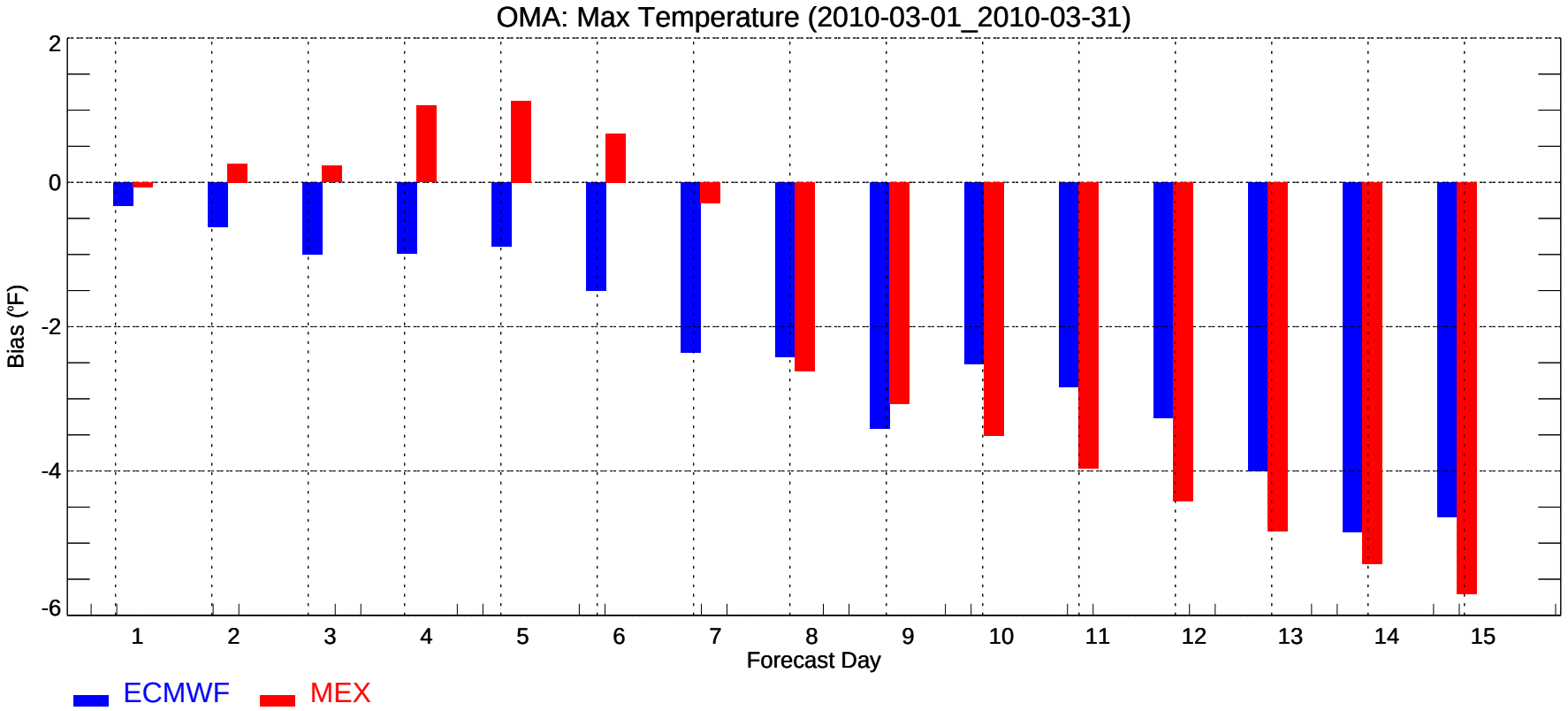

OKC: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

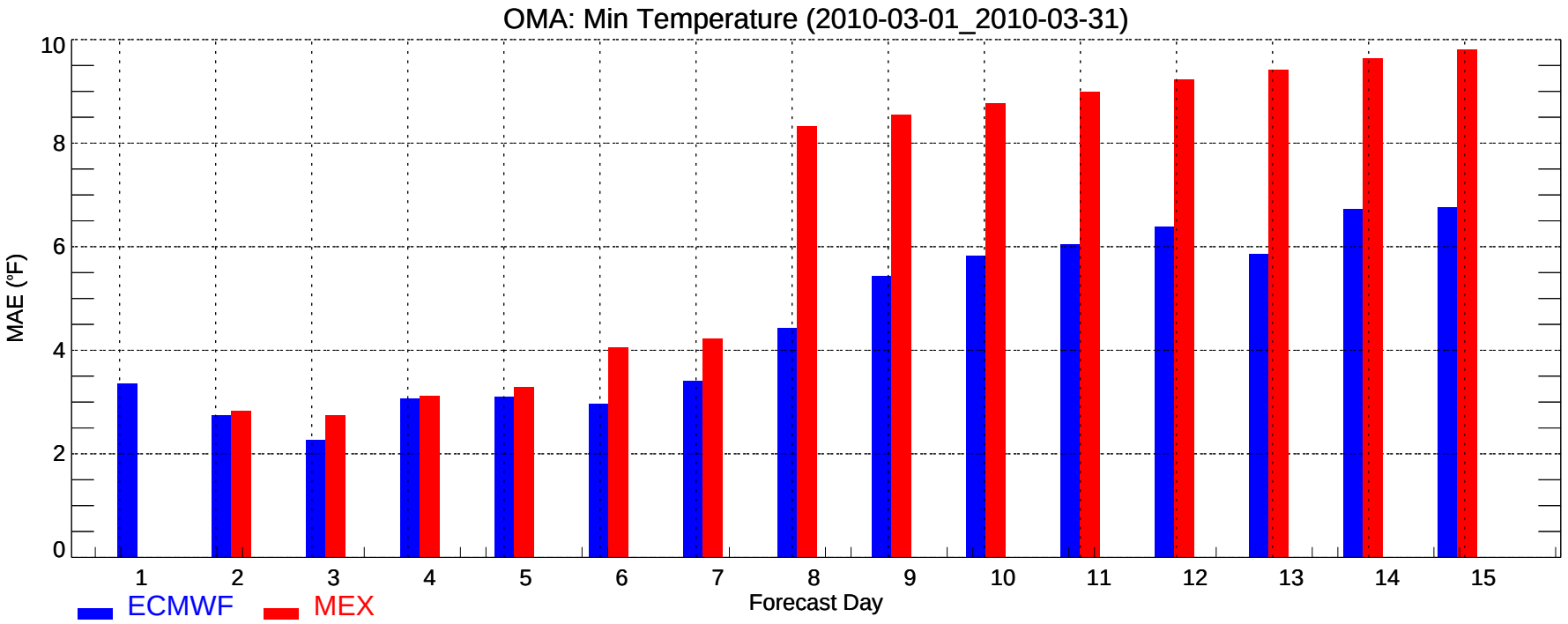

OKC: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

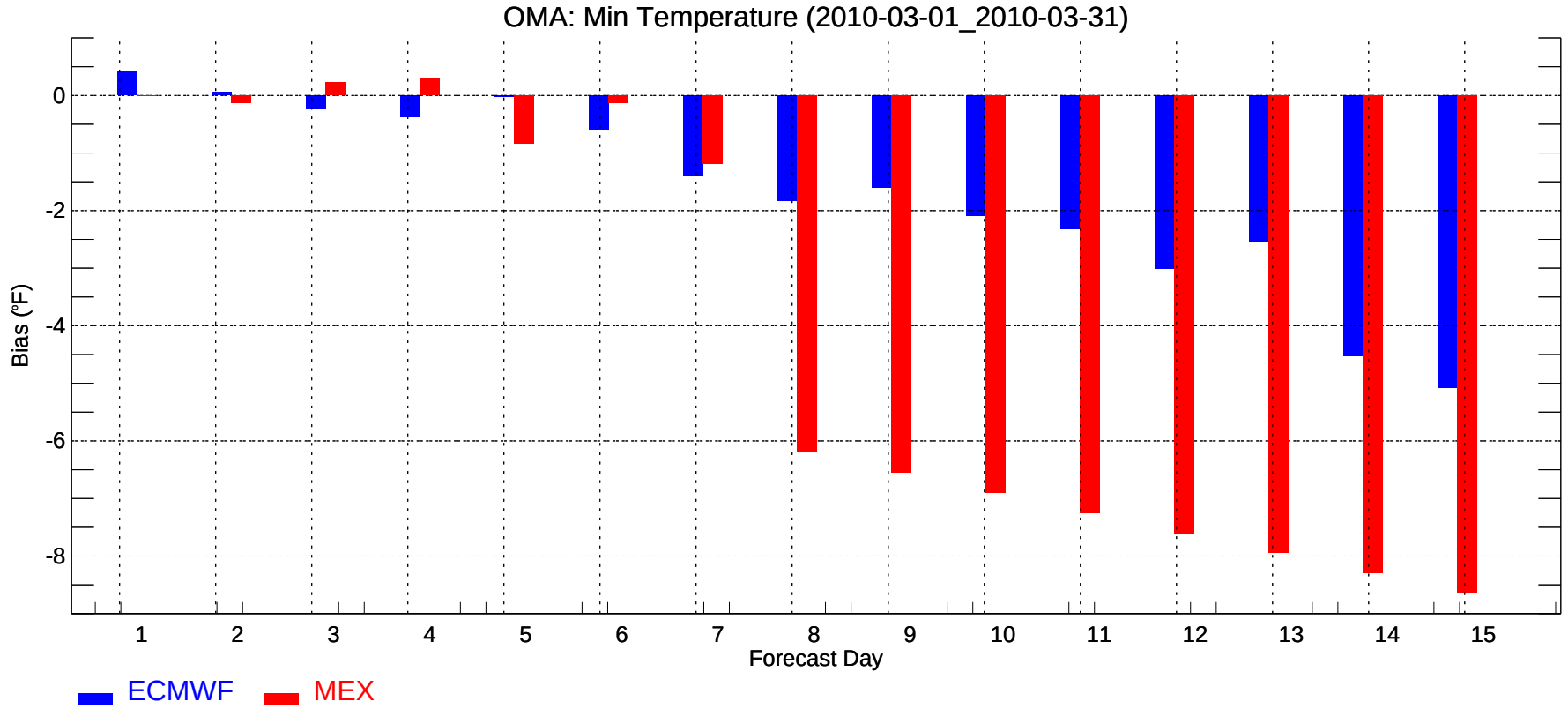

OKC: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

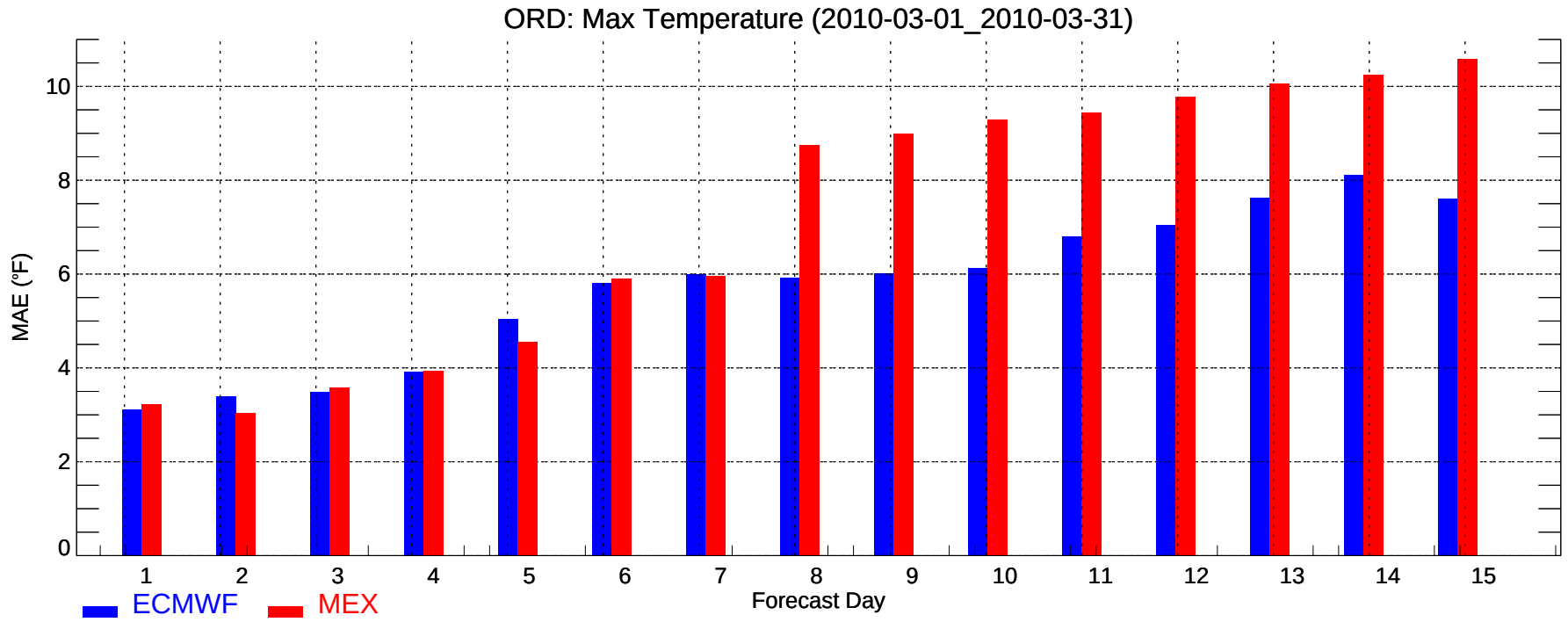

OKC: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-4
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

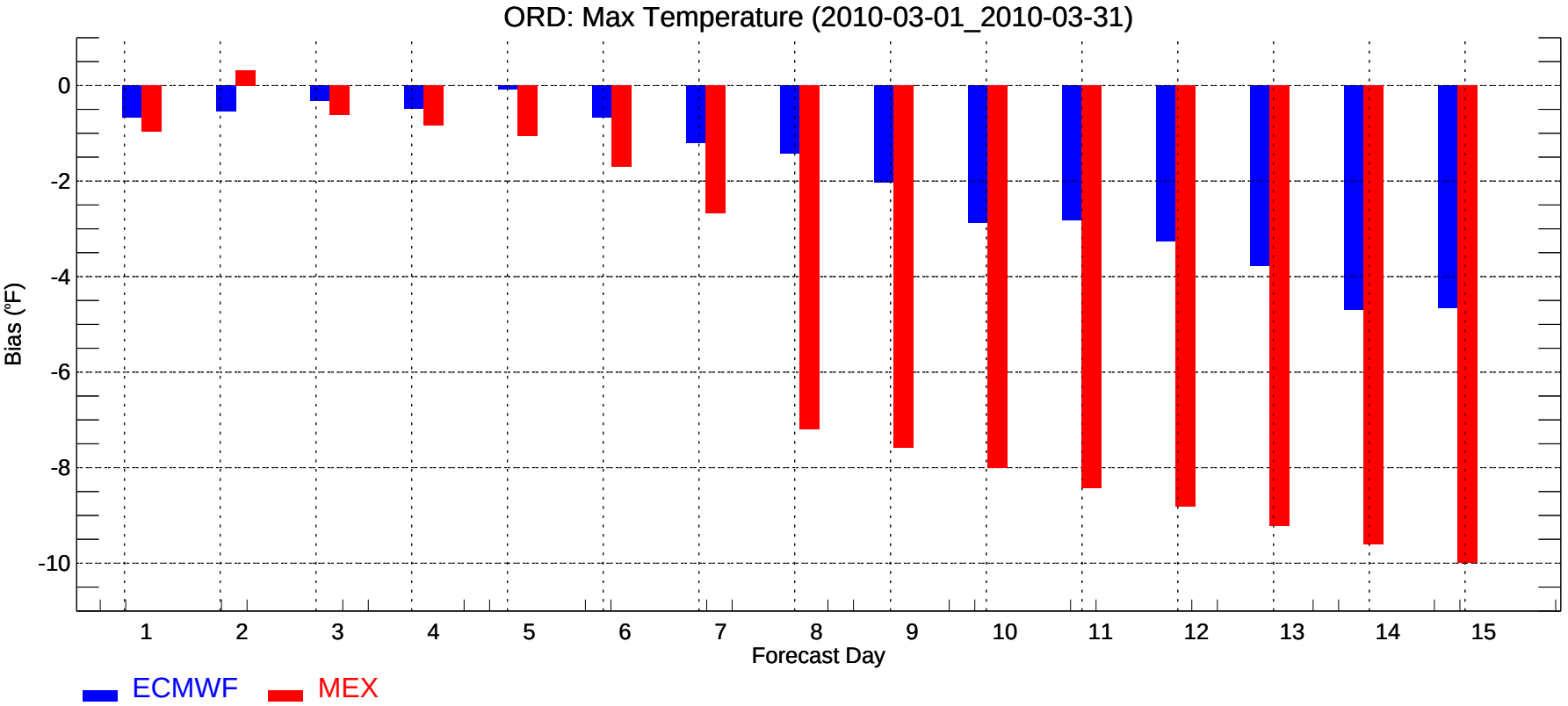

OMA: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

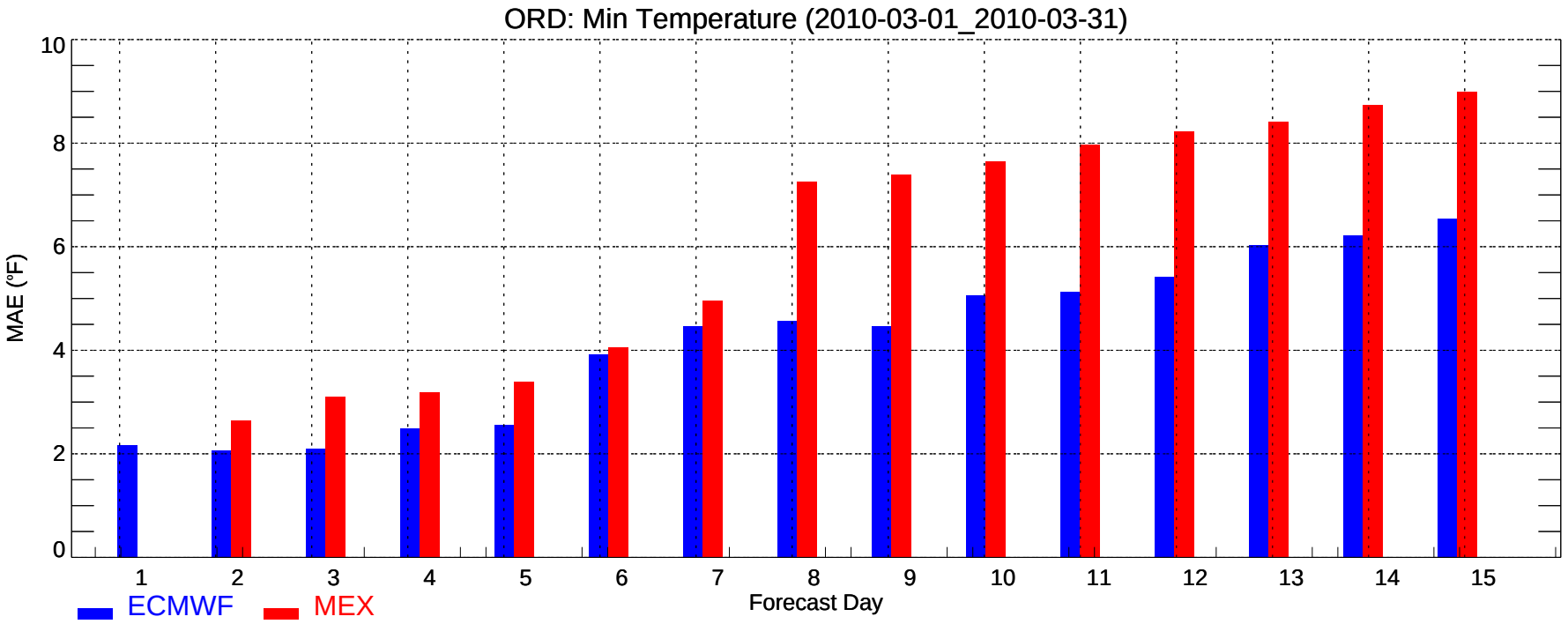

OMA: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OMA: Min Temperature (2010-03-01_2010-03-31)
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


OMA: Min Temperature (2010-03-01_2010-03-31)
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


ORD: Max Temperature (2010-03-01_2010-03-31)
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


ORD: Max Temperature (2010-03-01_2010-03-31)
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


ORD: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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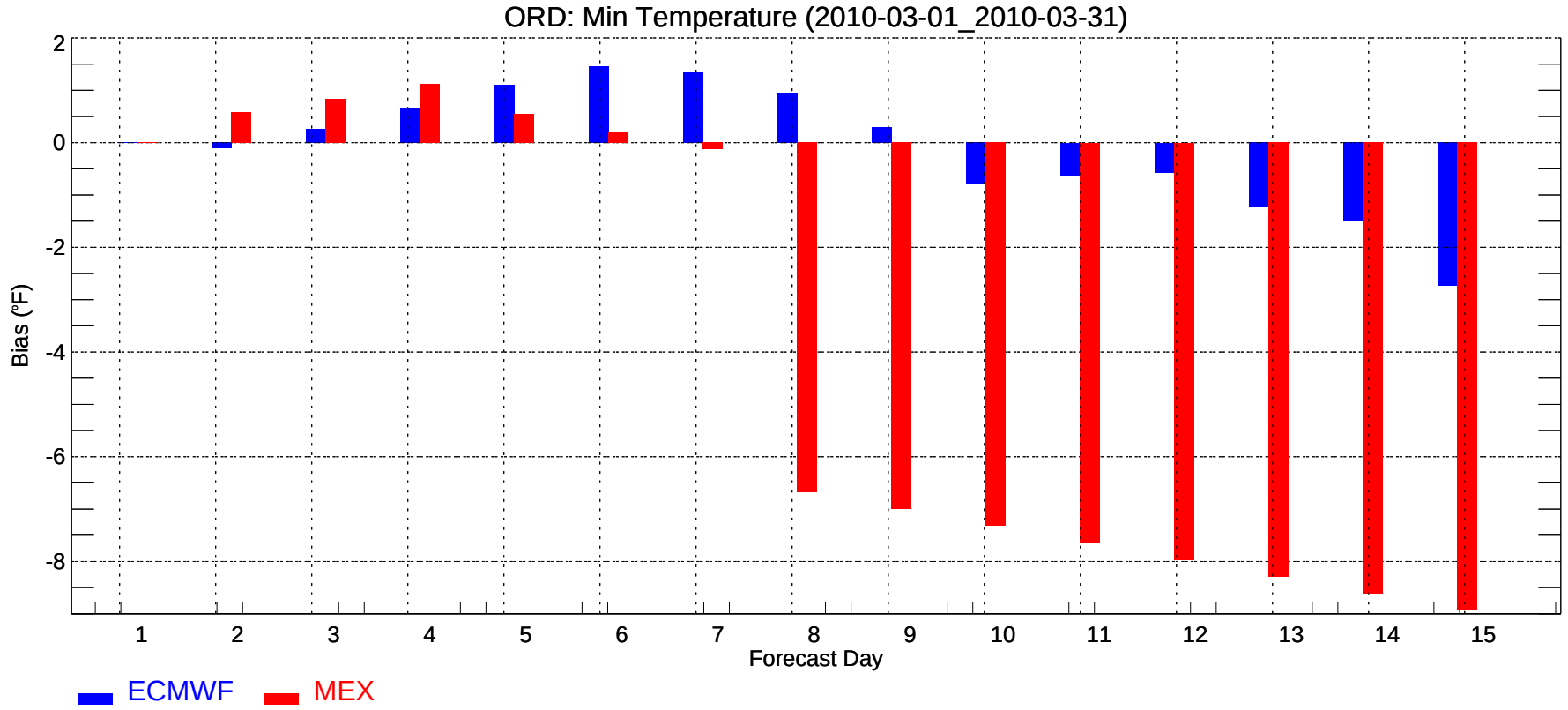
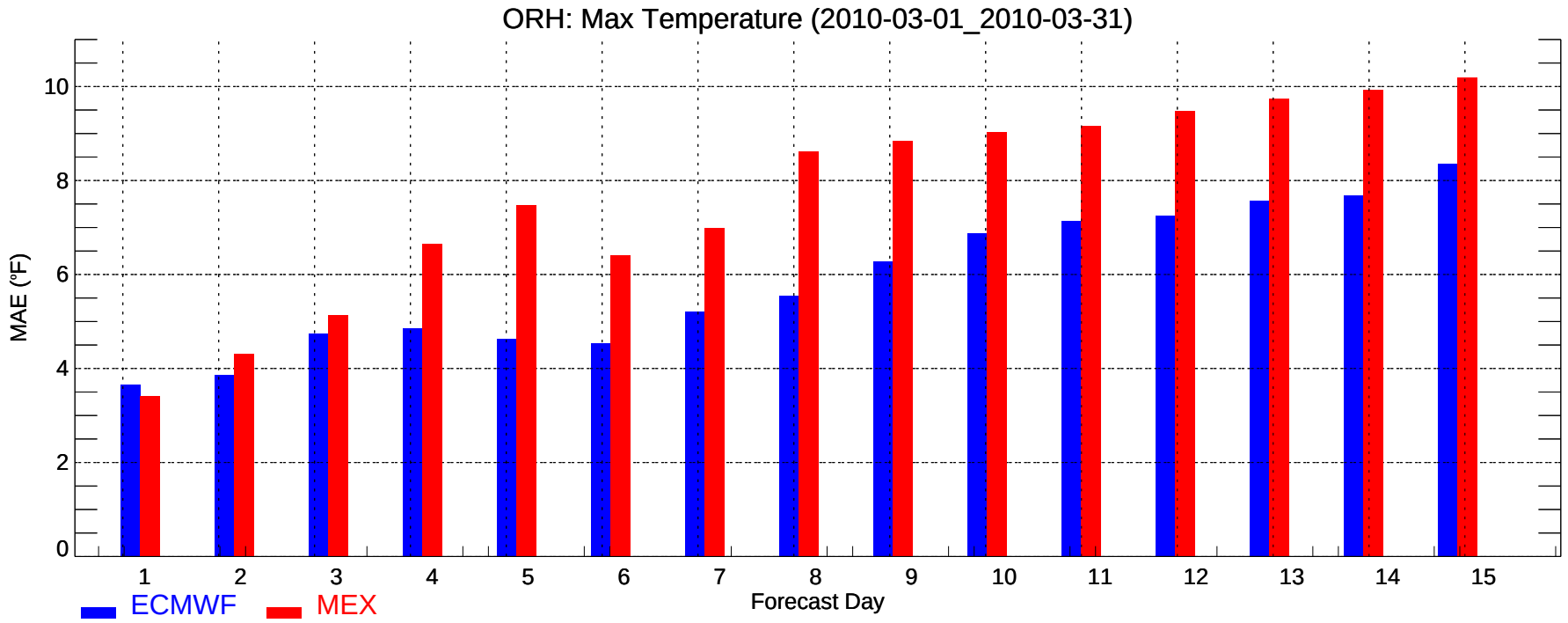
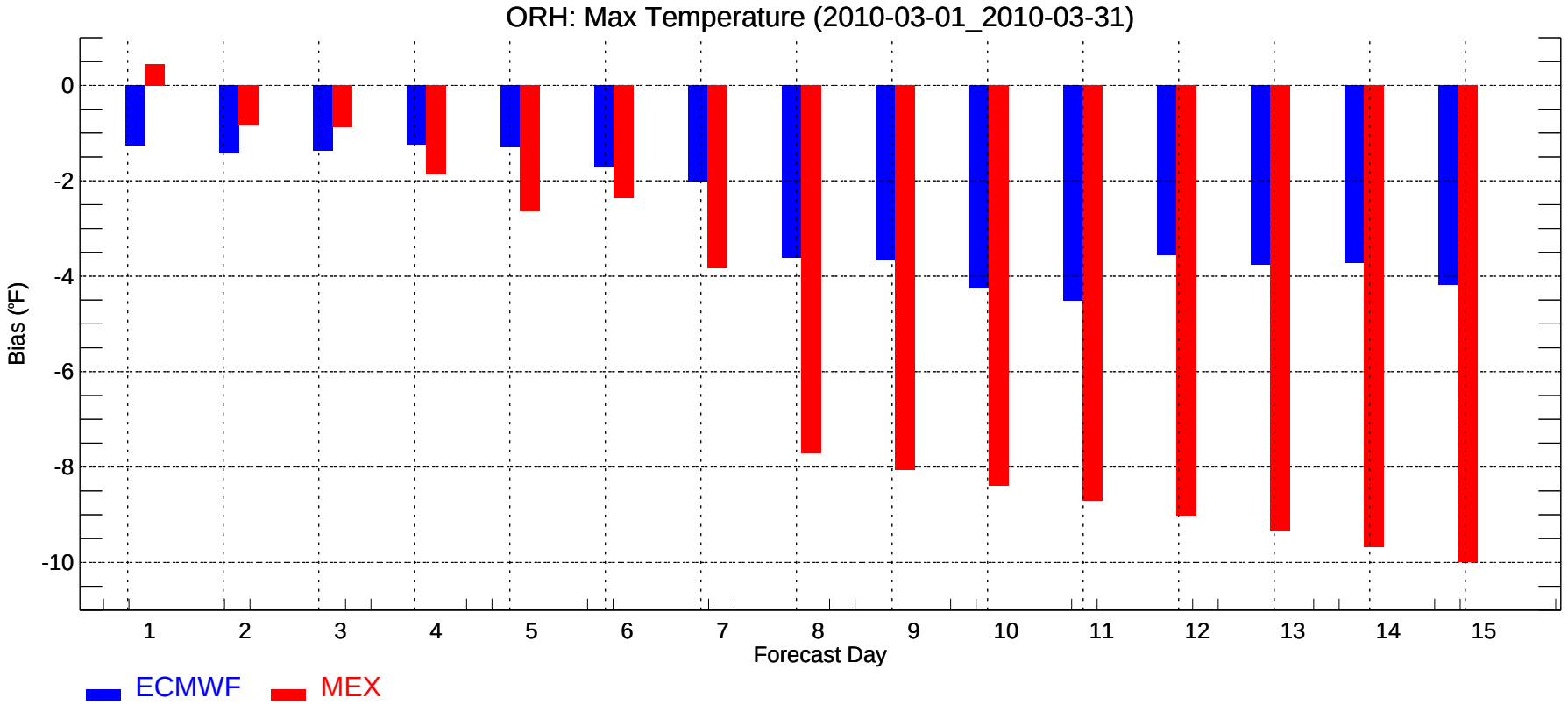
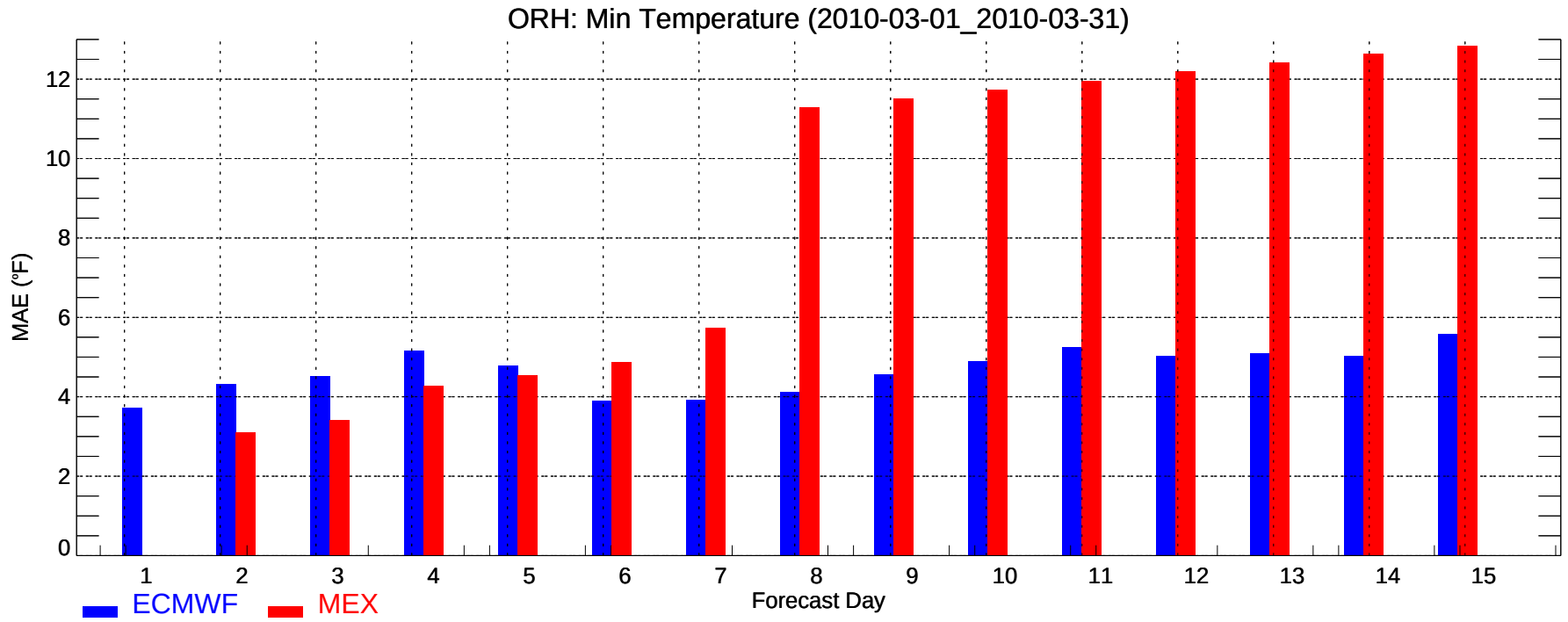
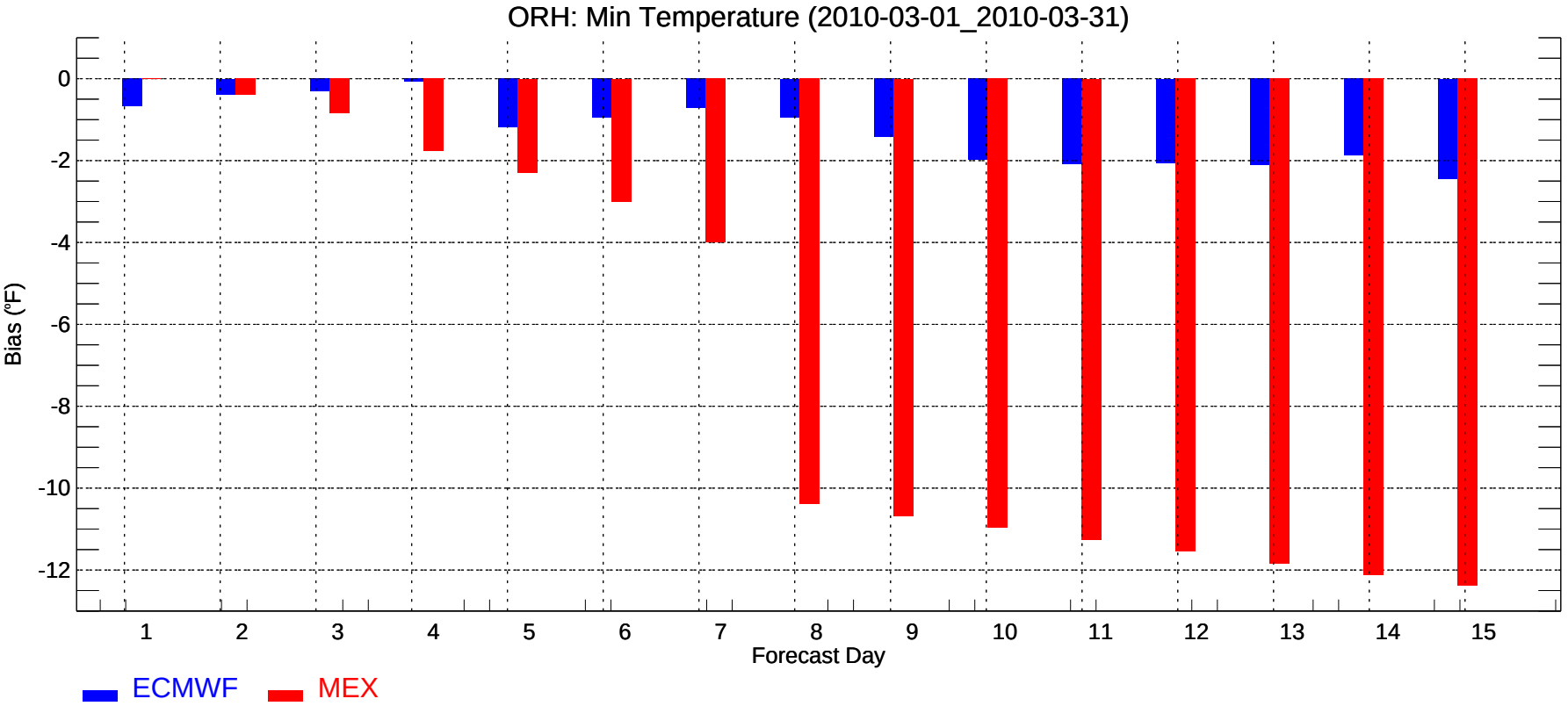
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

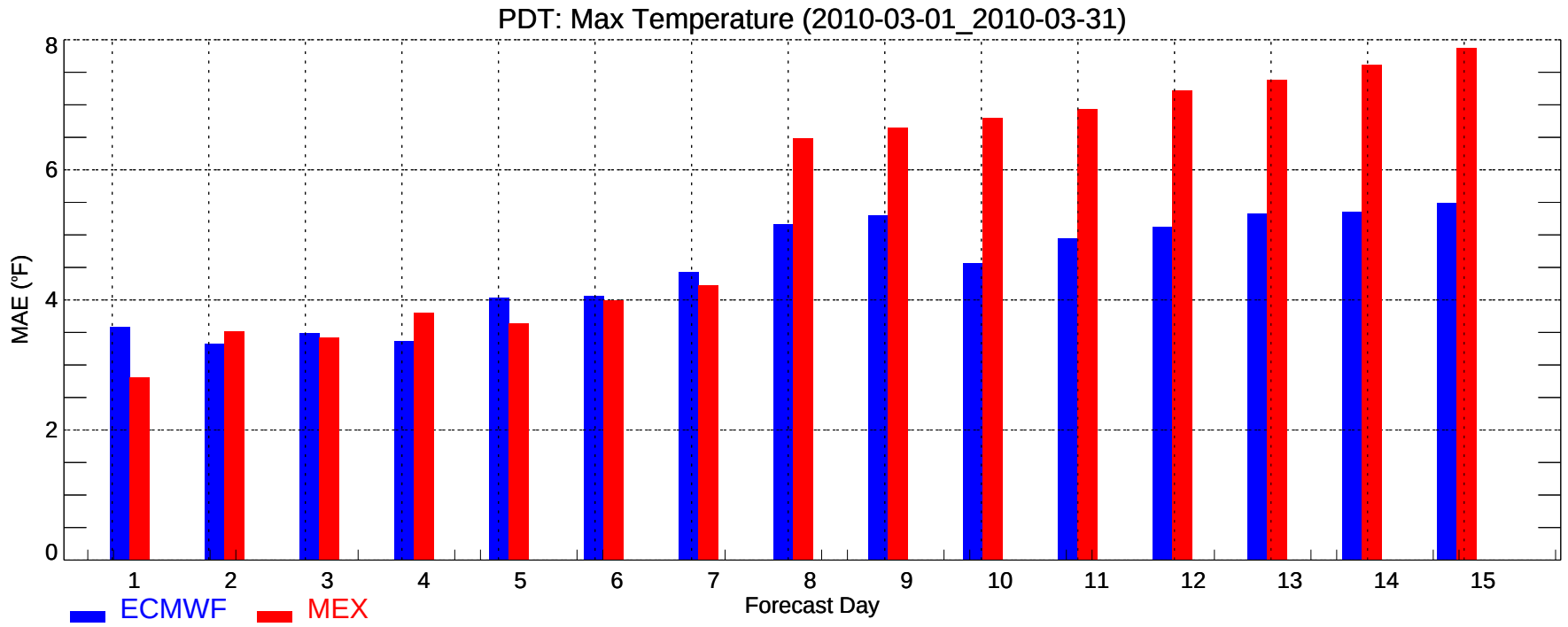

ORD: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

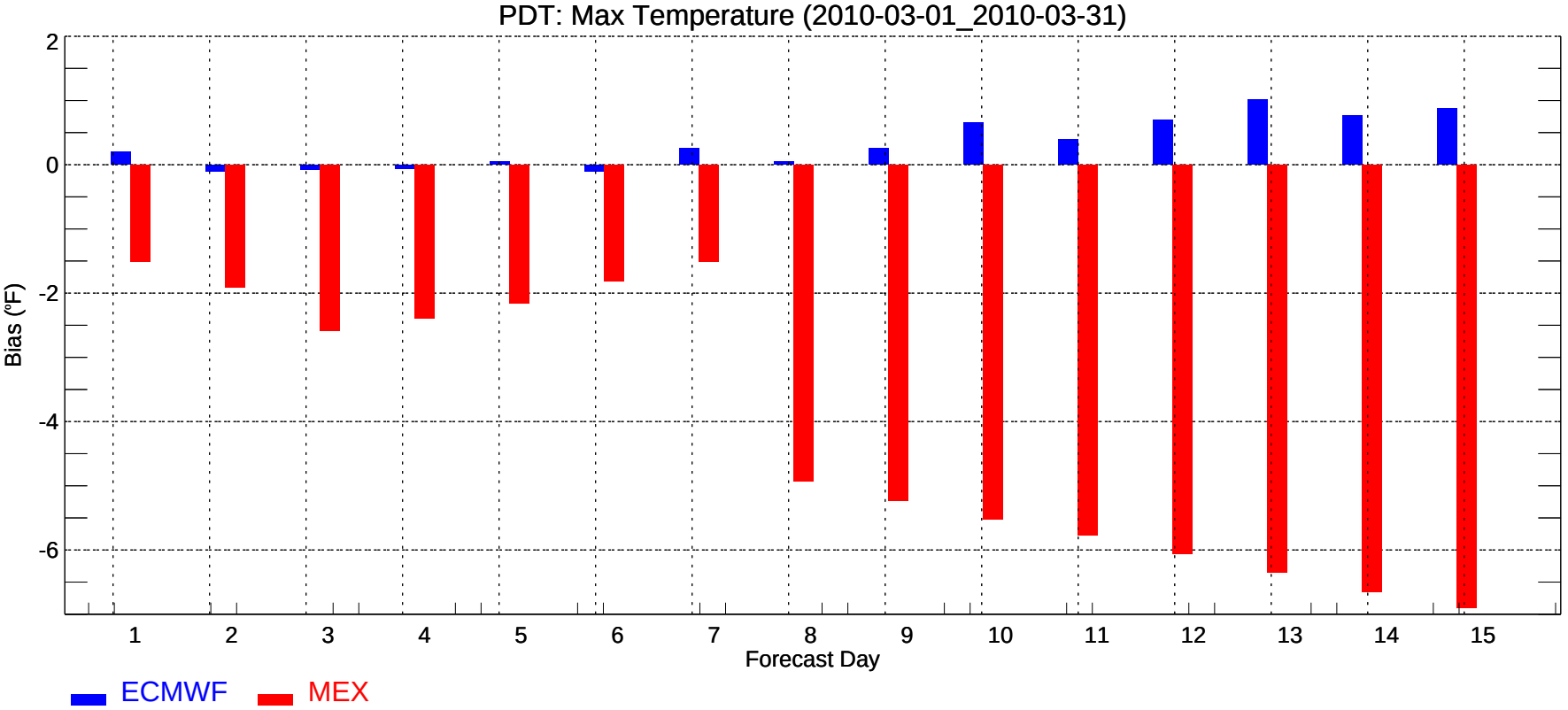

ORH: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

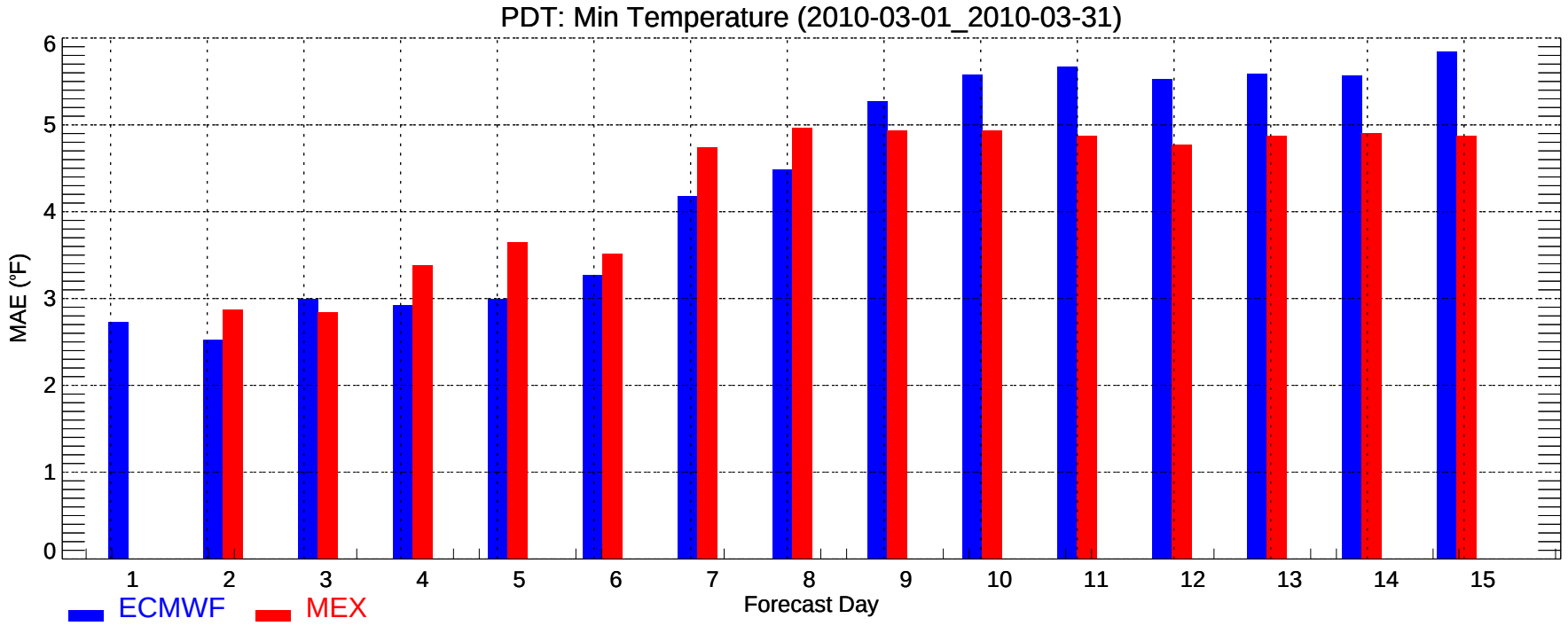

ORH: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

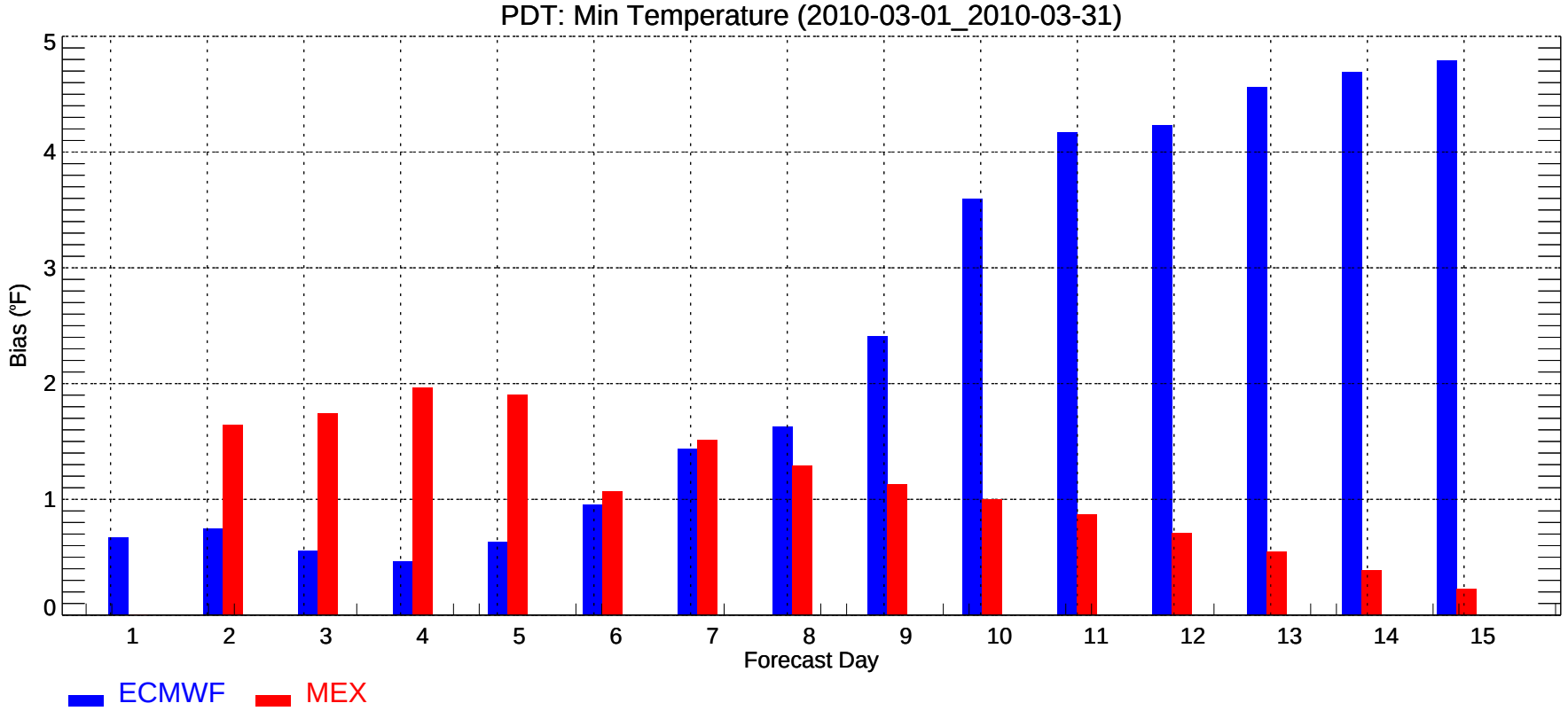

ORH: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

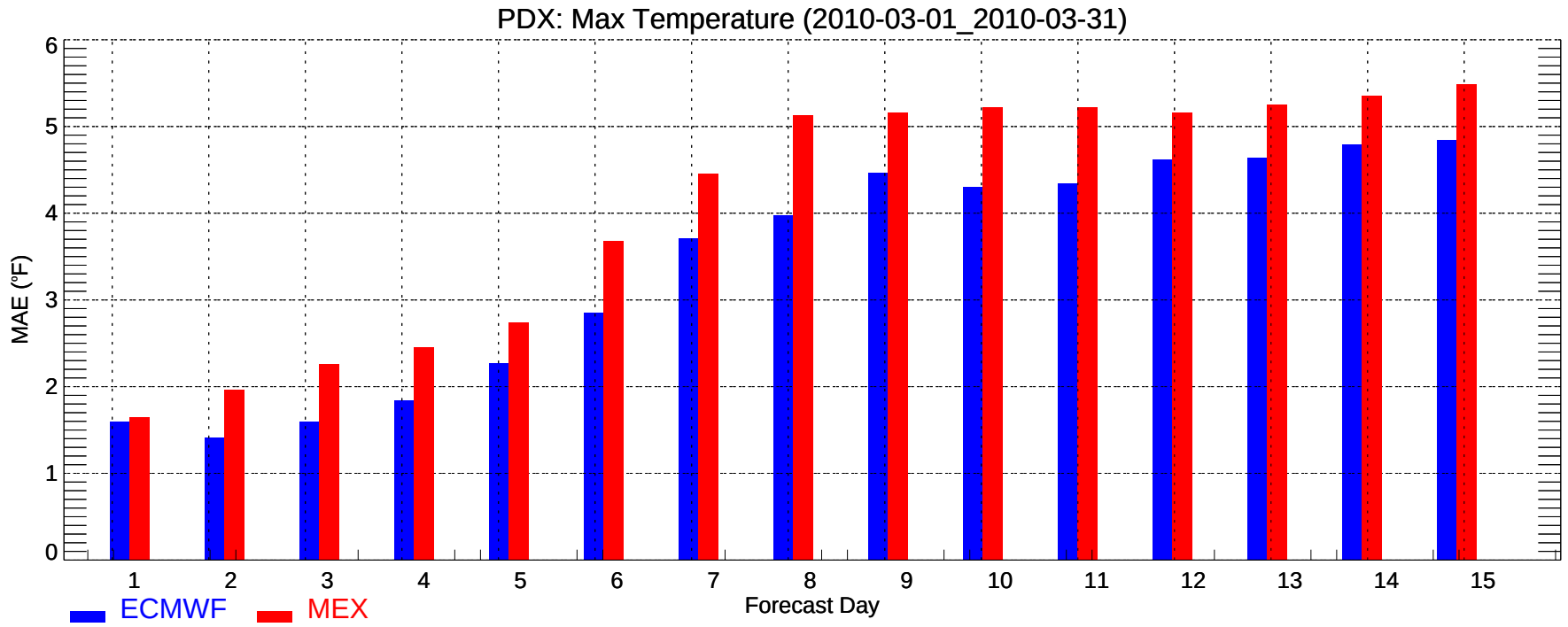

ORH: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

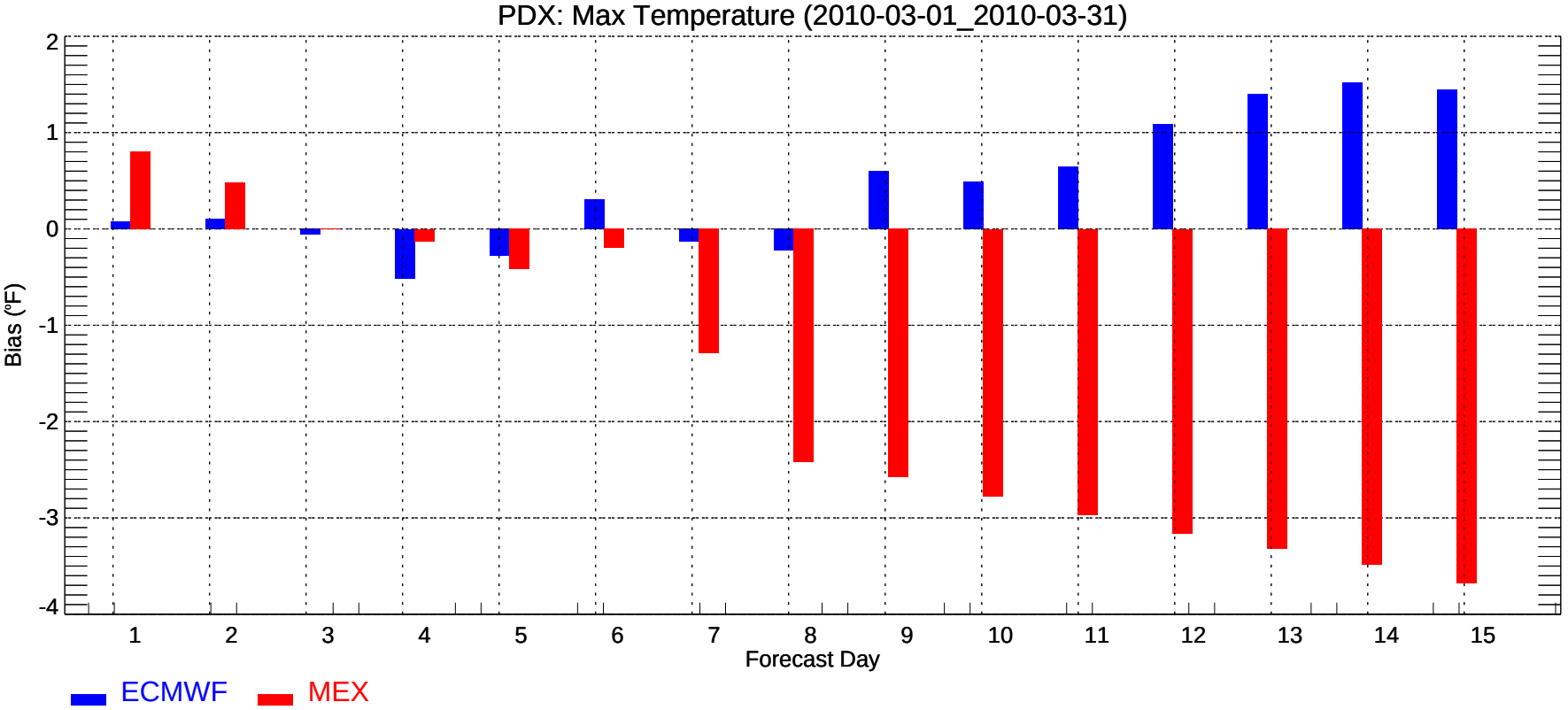

PDT: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

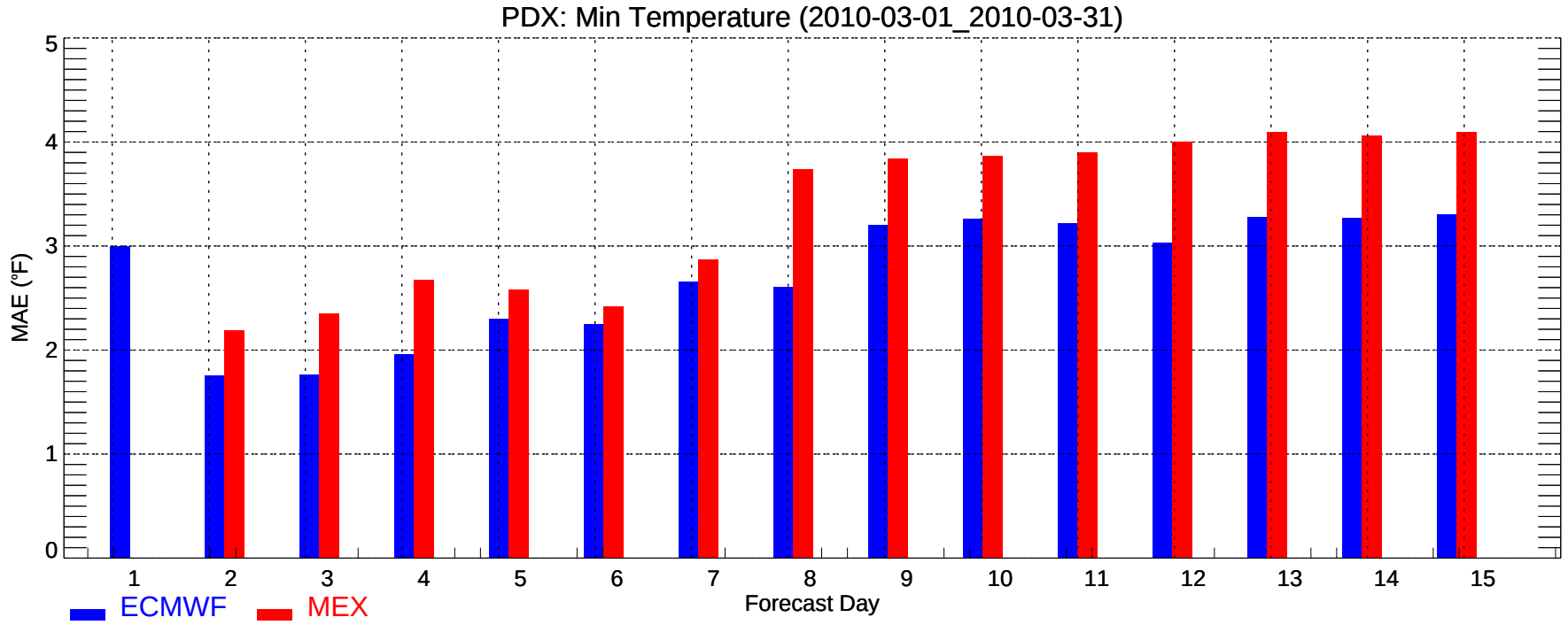

PDT: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

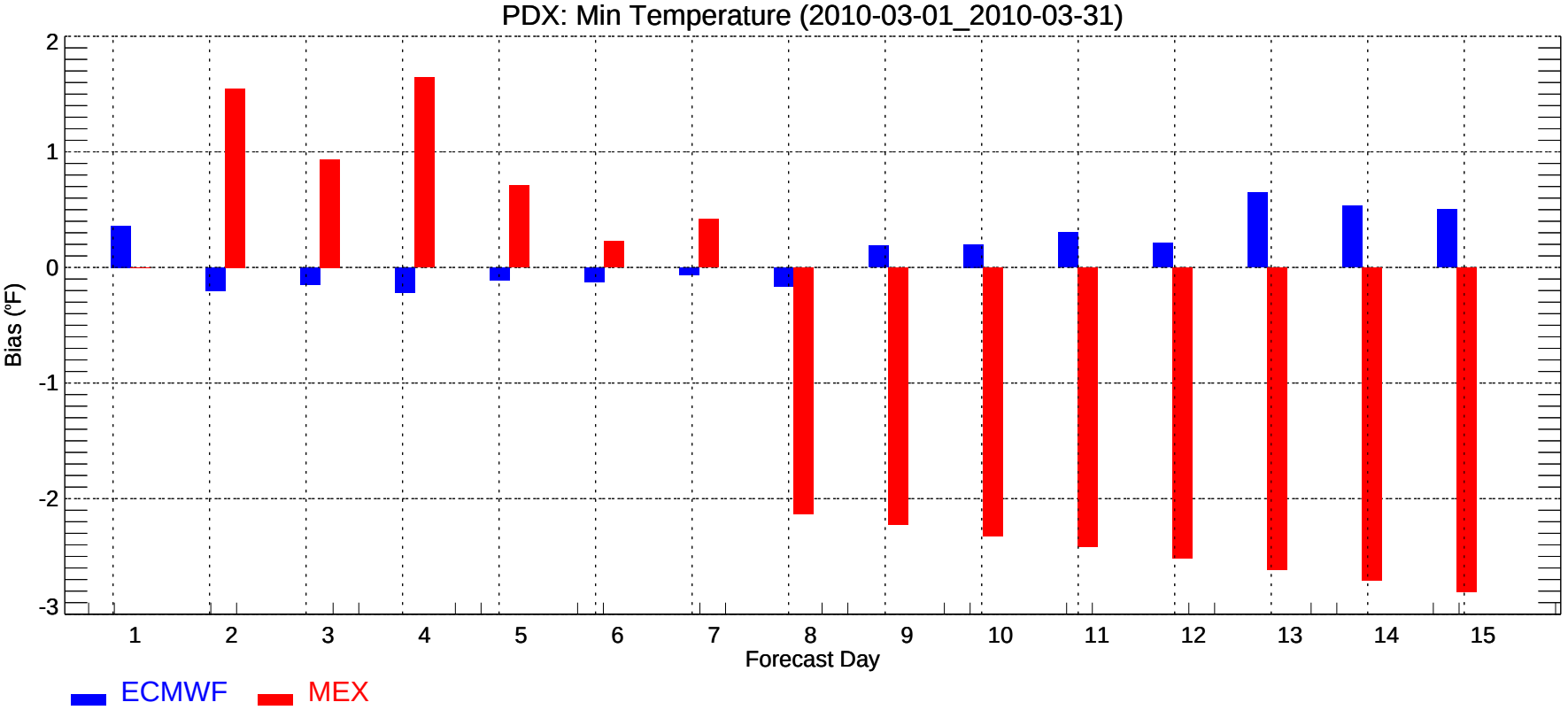

PDT: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

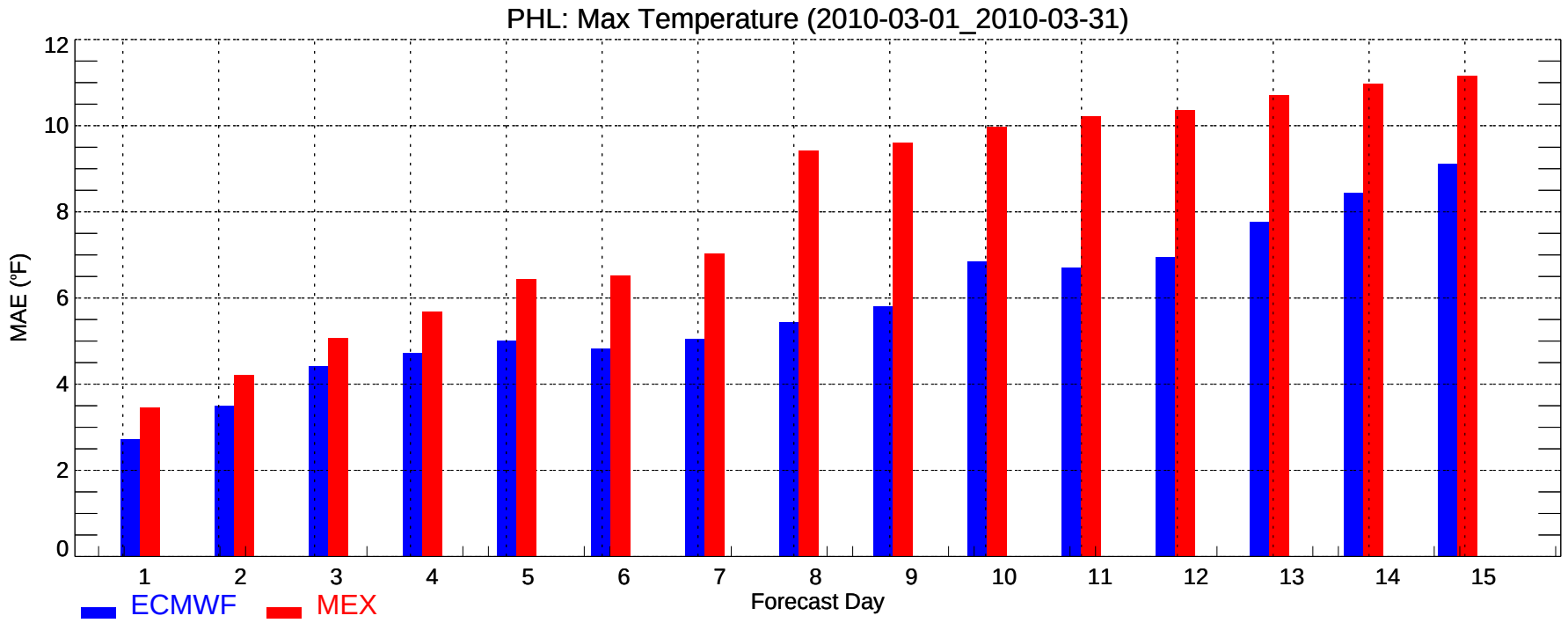

PDT: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

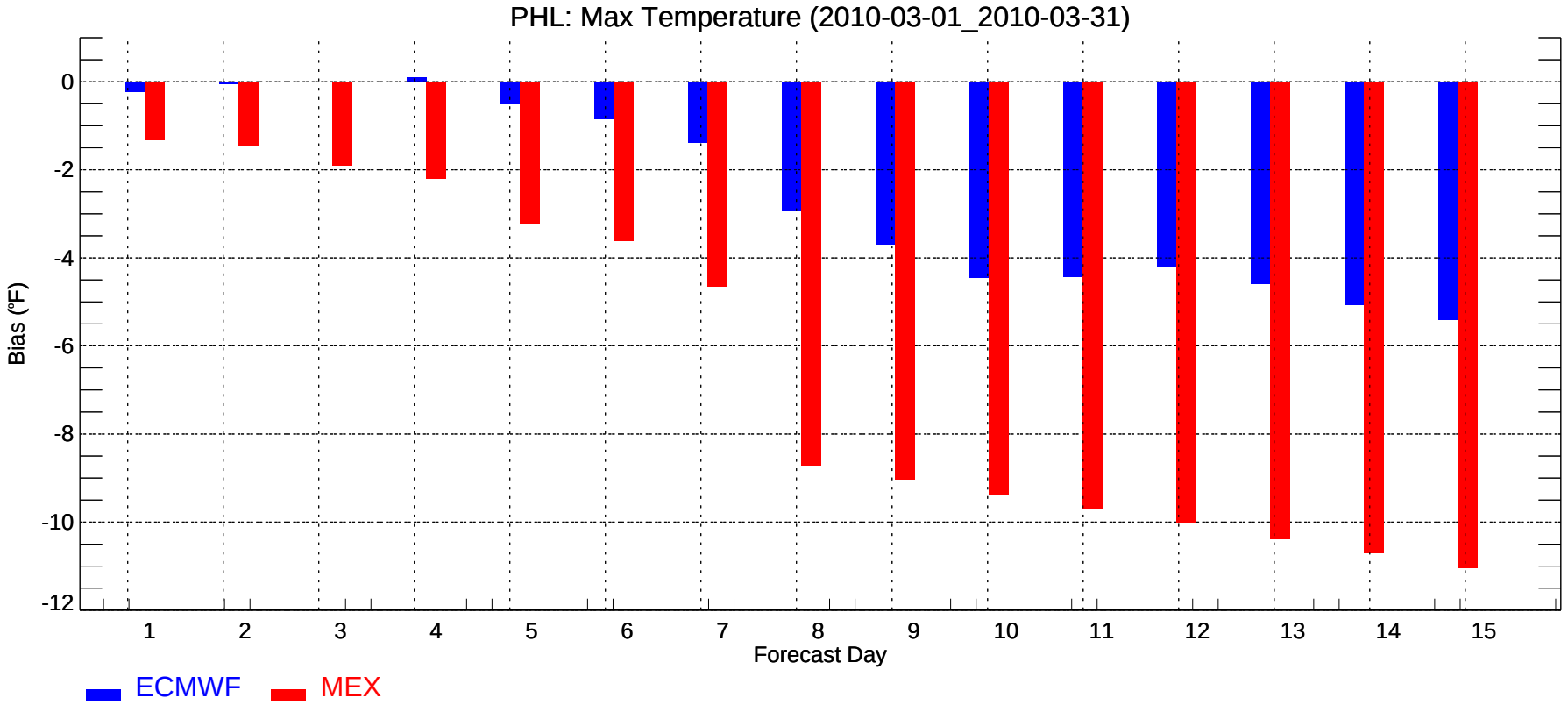

PDX: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDX: Max Temperature (2010-03-01_2010-03-31)
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


PDX: Min Temperature (2010-03-01_2010-03-31)
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: Min Temperature (2010-03-01_2010-03-31)
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


PHL: Max Temperature (2010-03-01_2010-03-31)
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 (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
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8
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13
14
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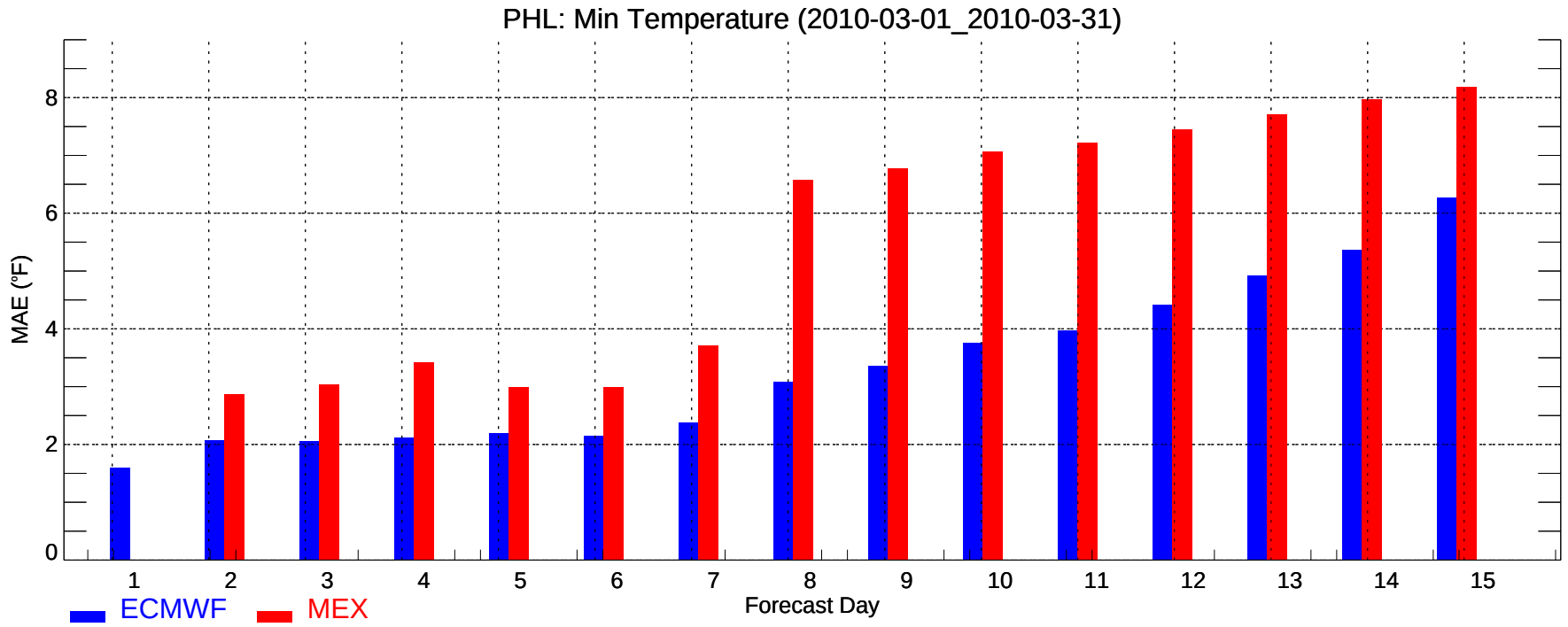
Forecast Day
ECMWF
MEX


PHL: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
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6
7
8
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13
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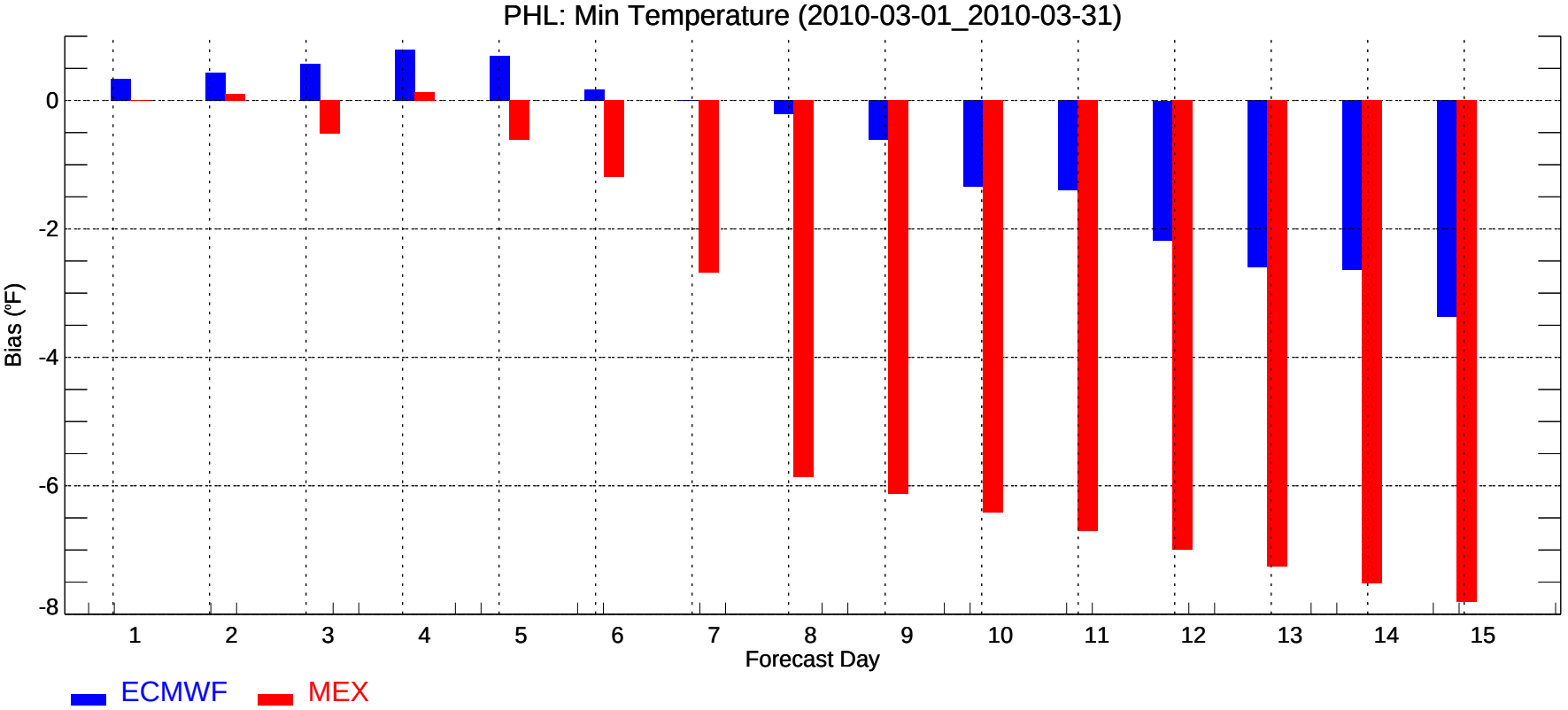
15
Forecast Day
ECMWF
MEX


PHL: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
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7
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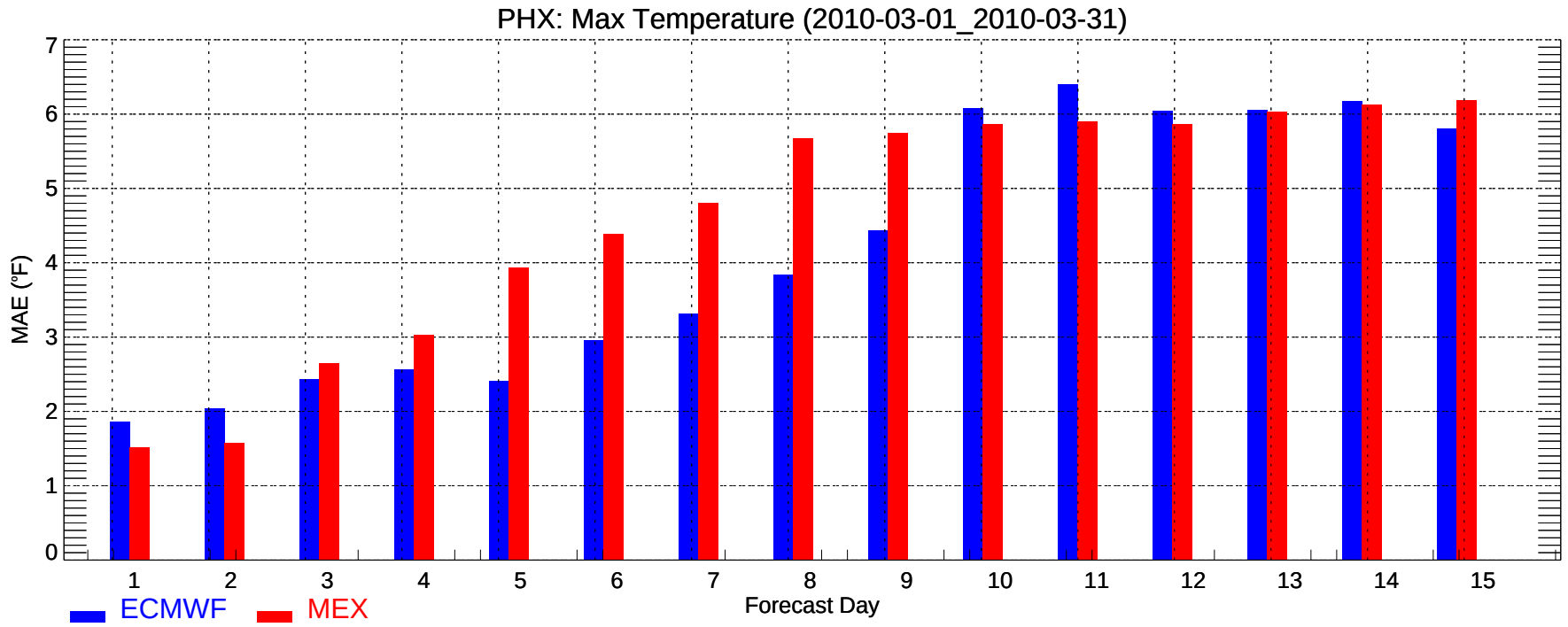
Forecast Day
ECMWF
MEX


PHX: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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7
8
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13
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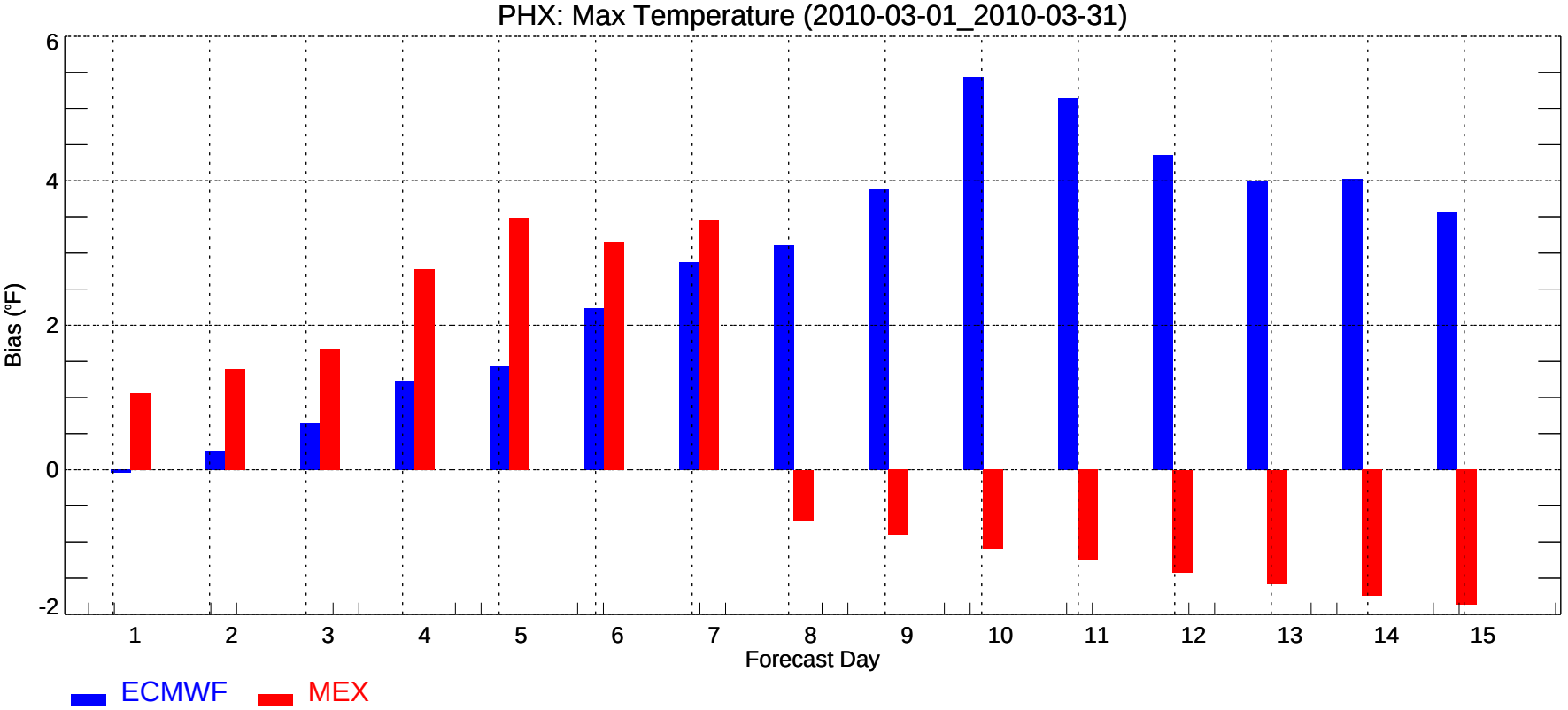
15
Forecast Day
ECMWF
MEX


PHX: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
0
2
4
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1
2
3
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13
14
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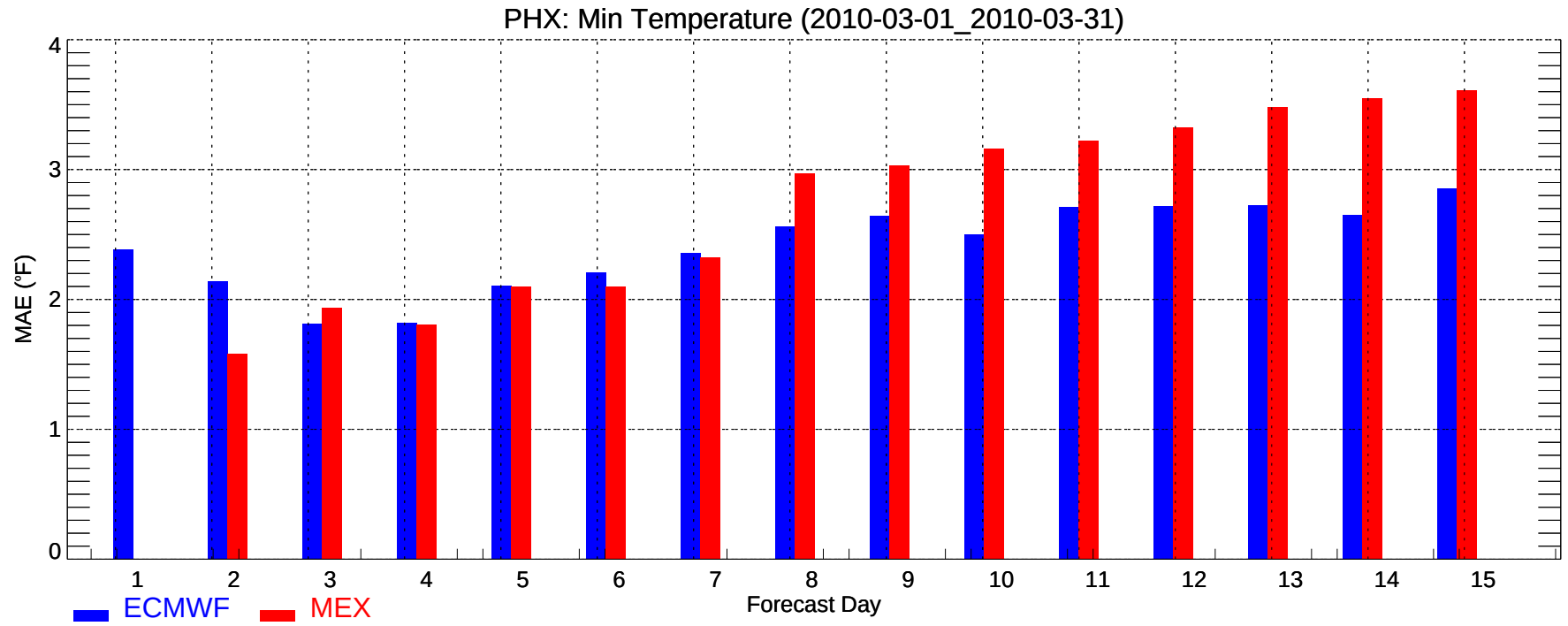
Forecast Day
ECMWF
MEX


PHX: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
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12
13
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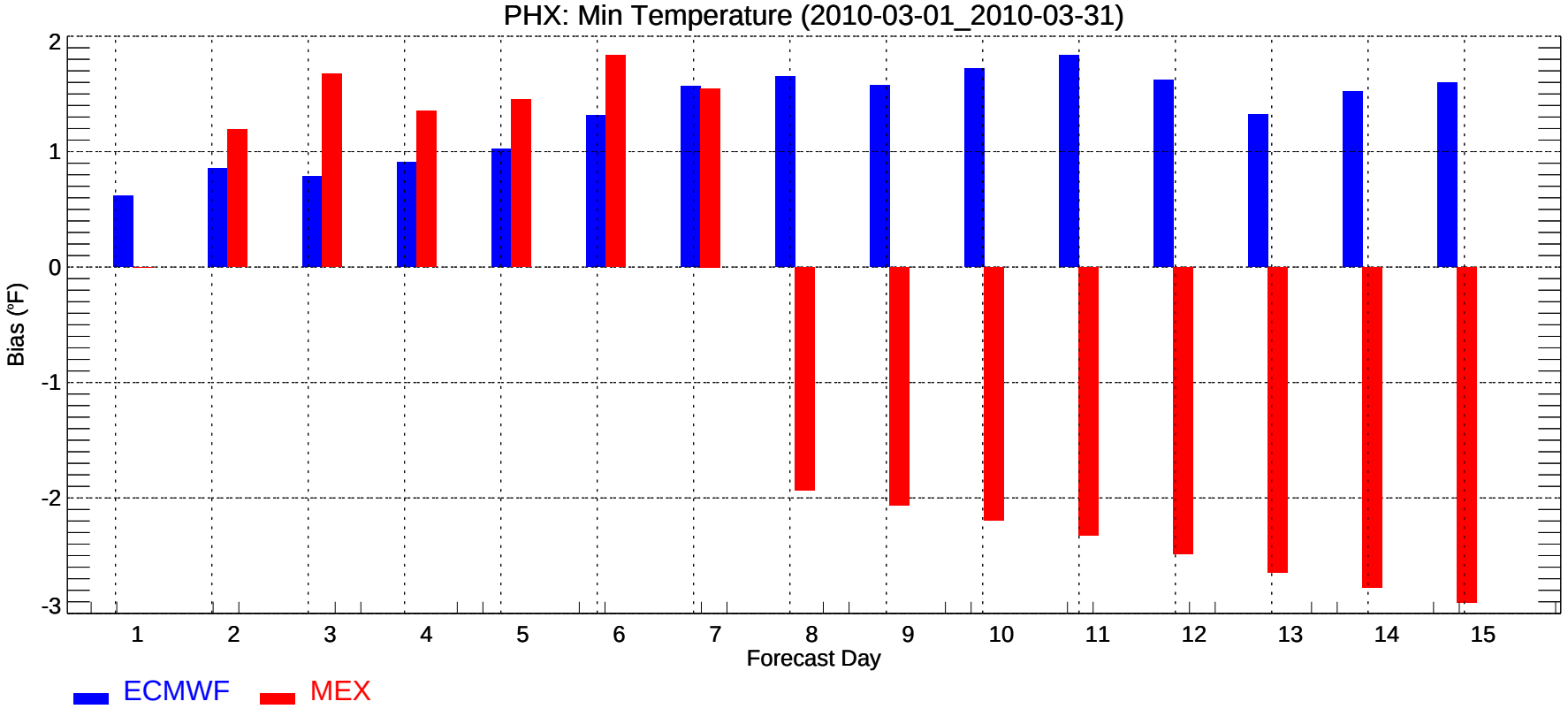
15
Forecast Day
ECMWF
MEX


PHX: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
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1
2
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6
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8
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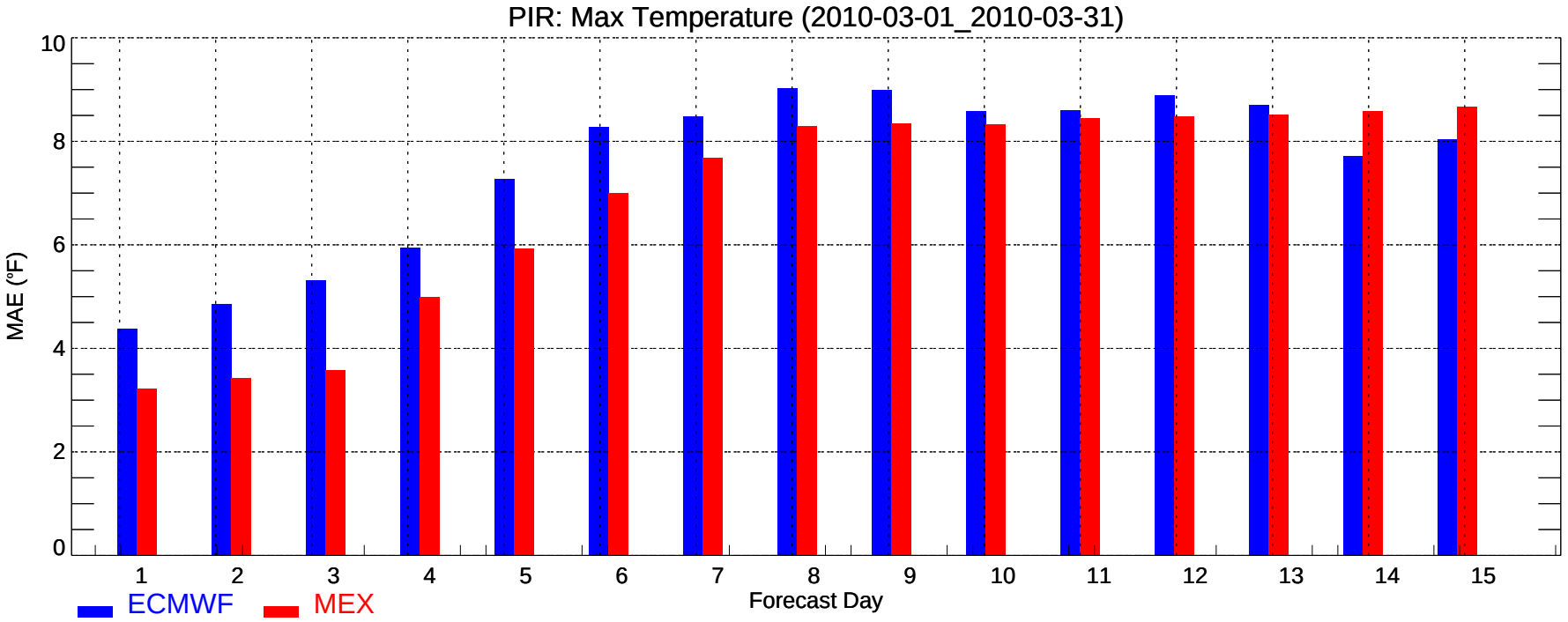
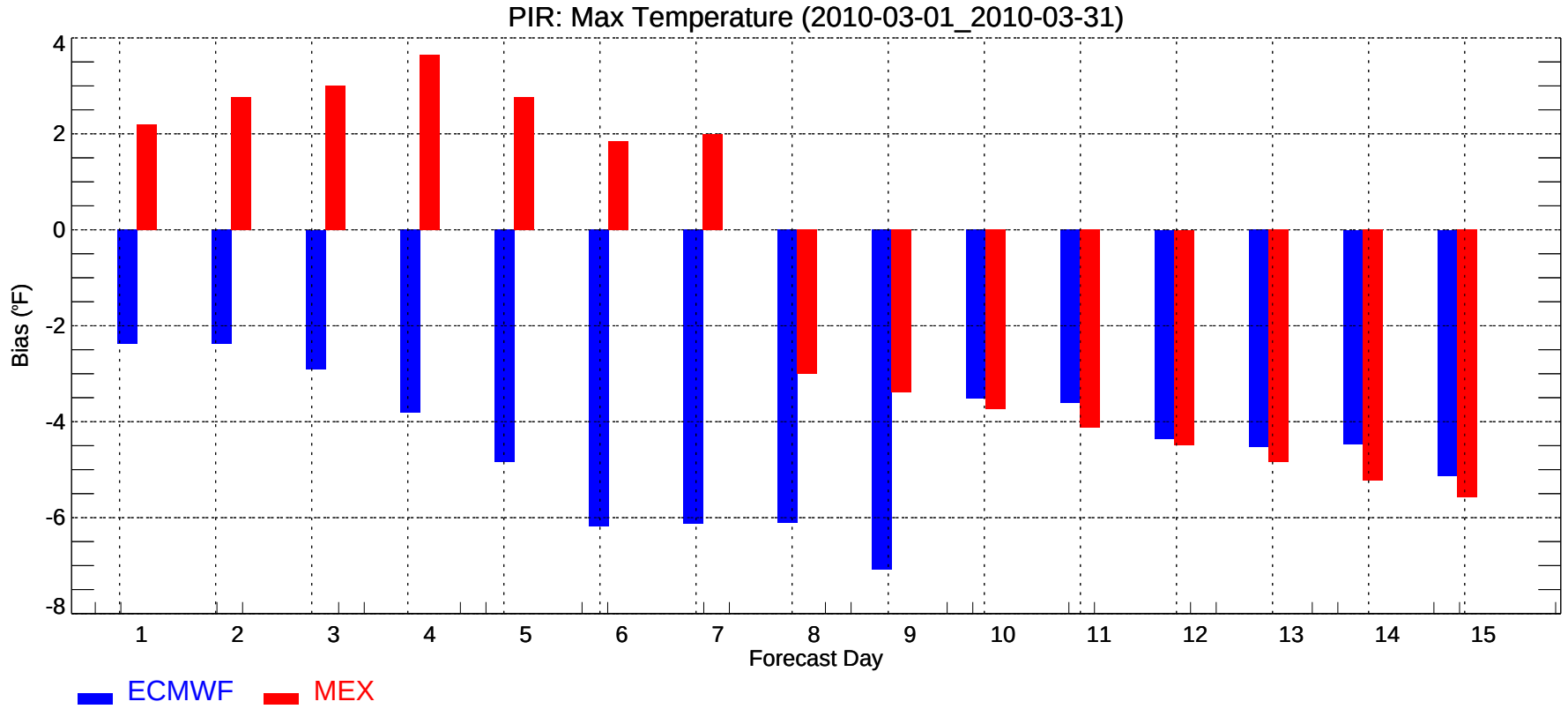
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIR: Max Temperature (2010-03-01_2010-03-31)
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 (2010-03-01_2010-03-31)
Bias (°F)
-8
-6
-4
-2
0
2
4
1
2
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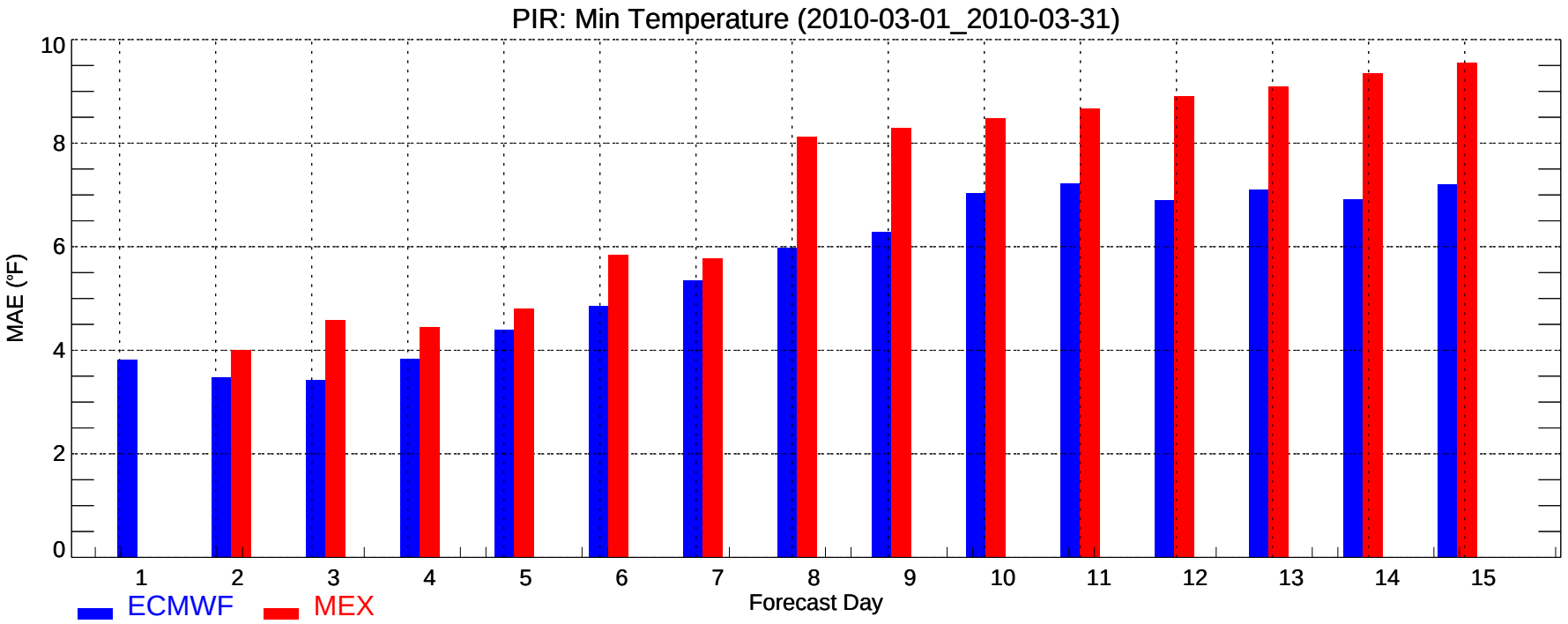
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIR: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
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6
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8
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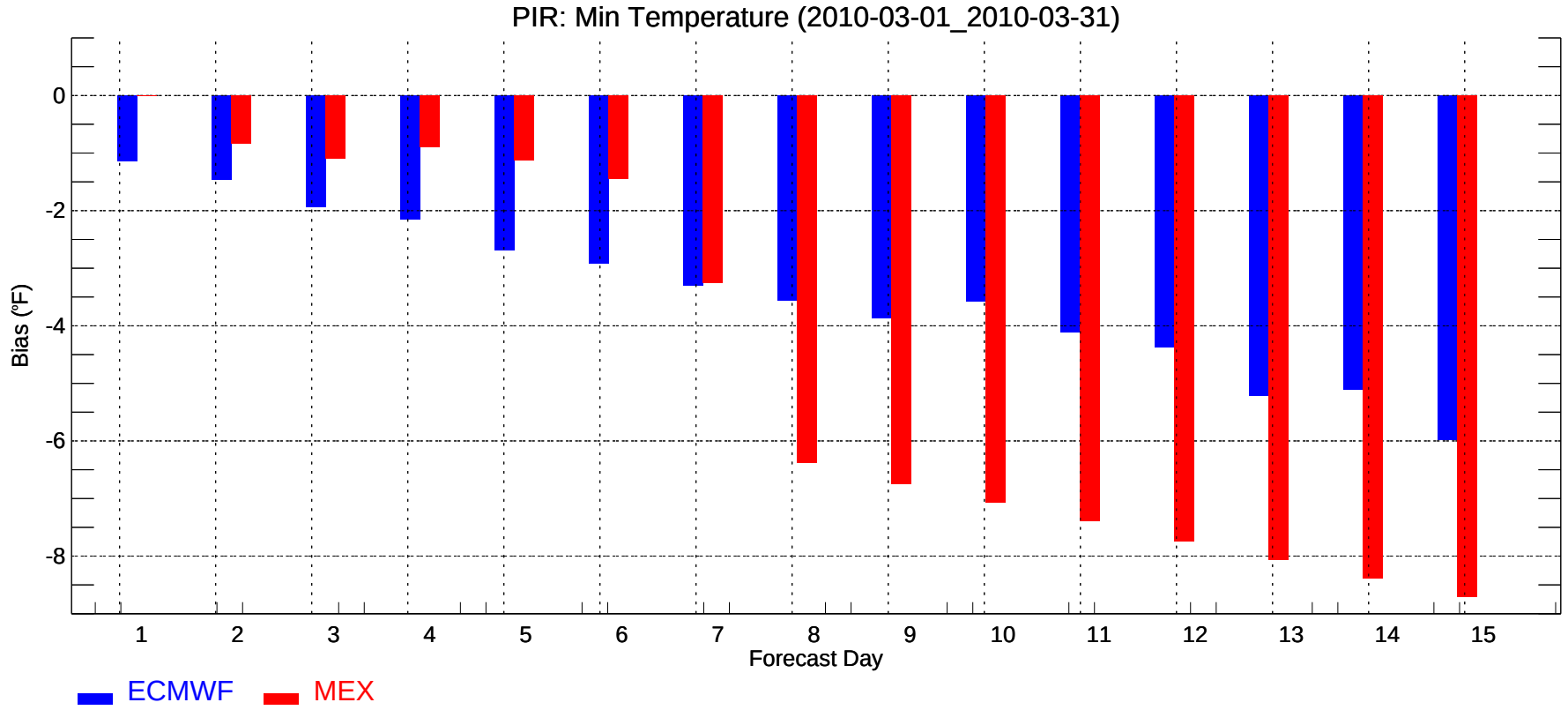
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIR: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
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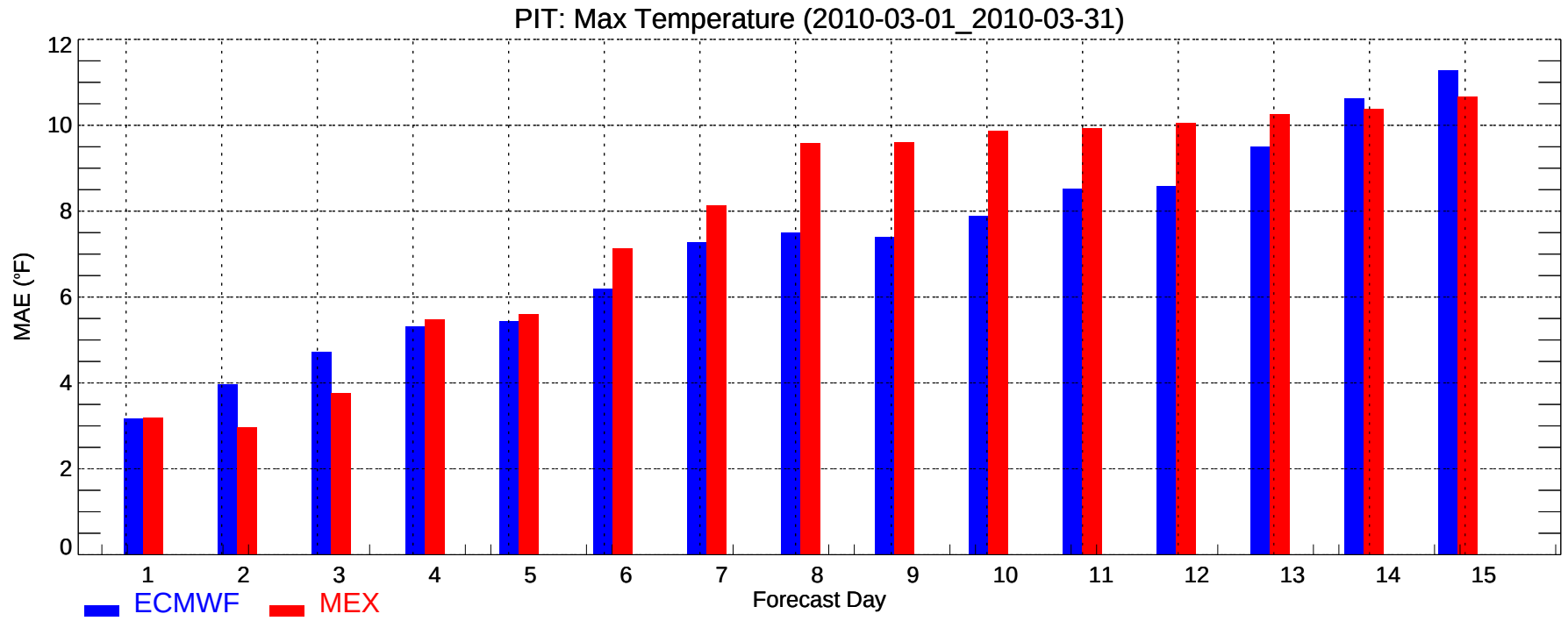
Forecast Day
ECMWF
MEX


PIT: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
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10
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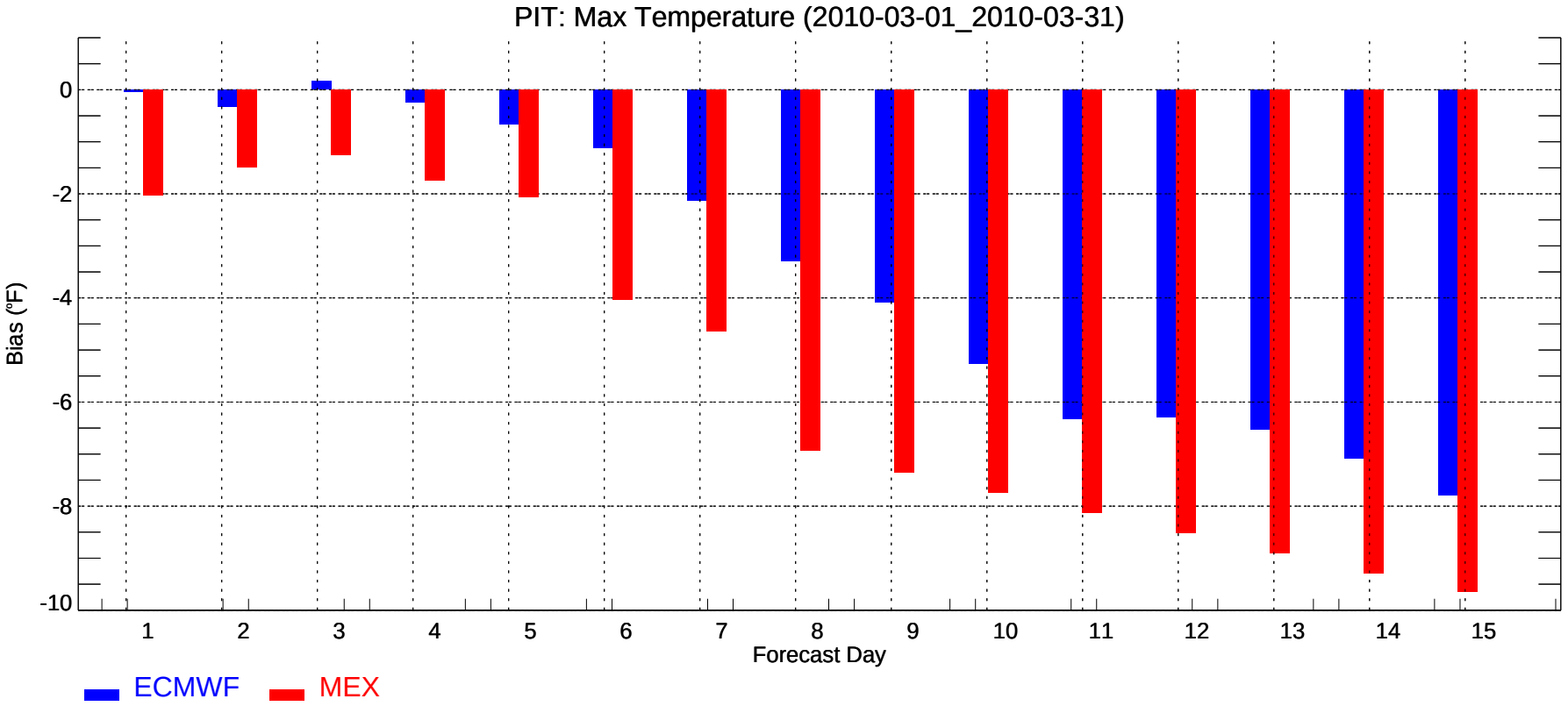
12
13
14
15
Forecast Day
ECMWF
MEX


PIT: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
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6
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14
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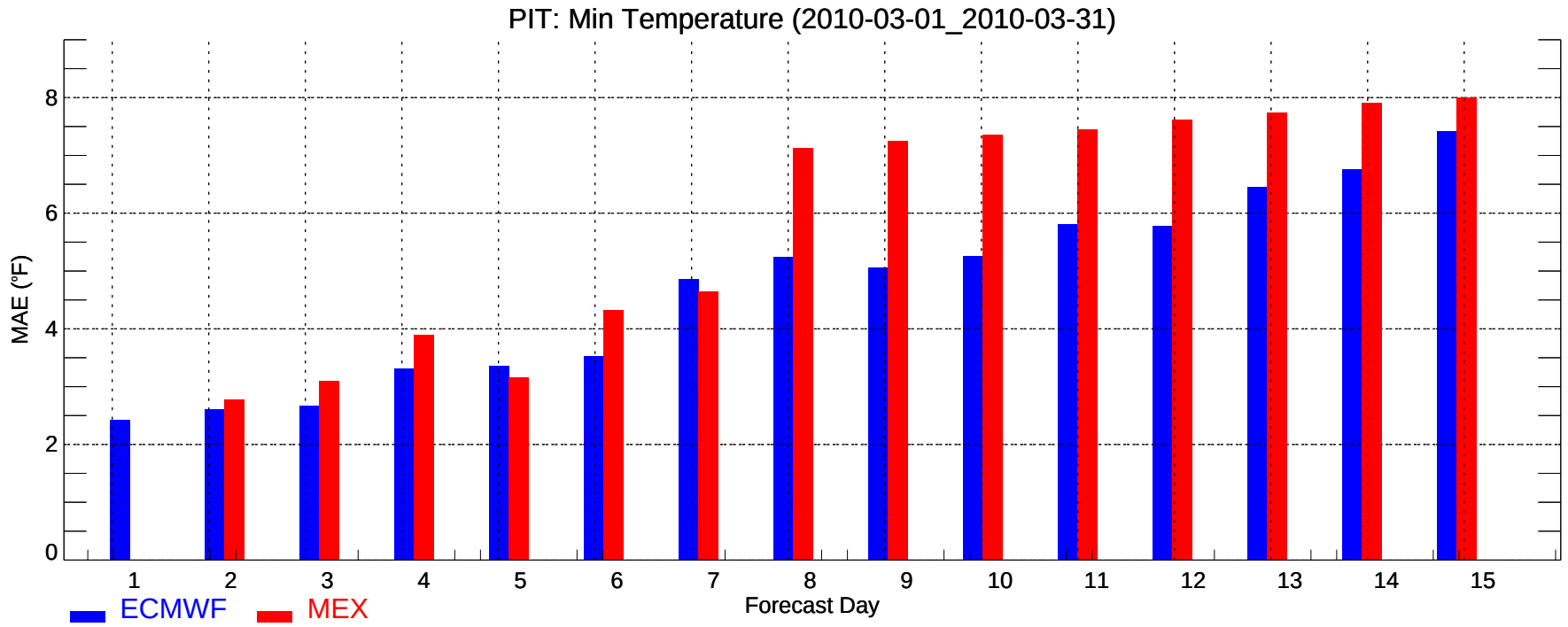
Forecast Day
ECMWF
MEX


PIT: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
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6
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14
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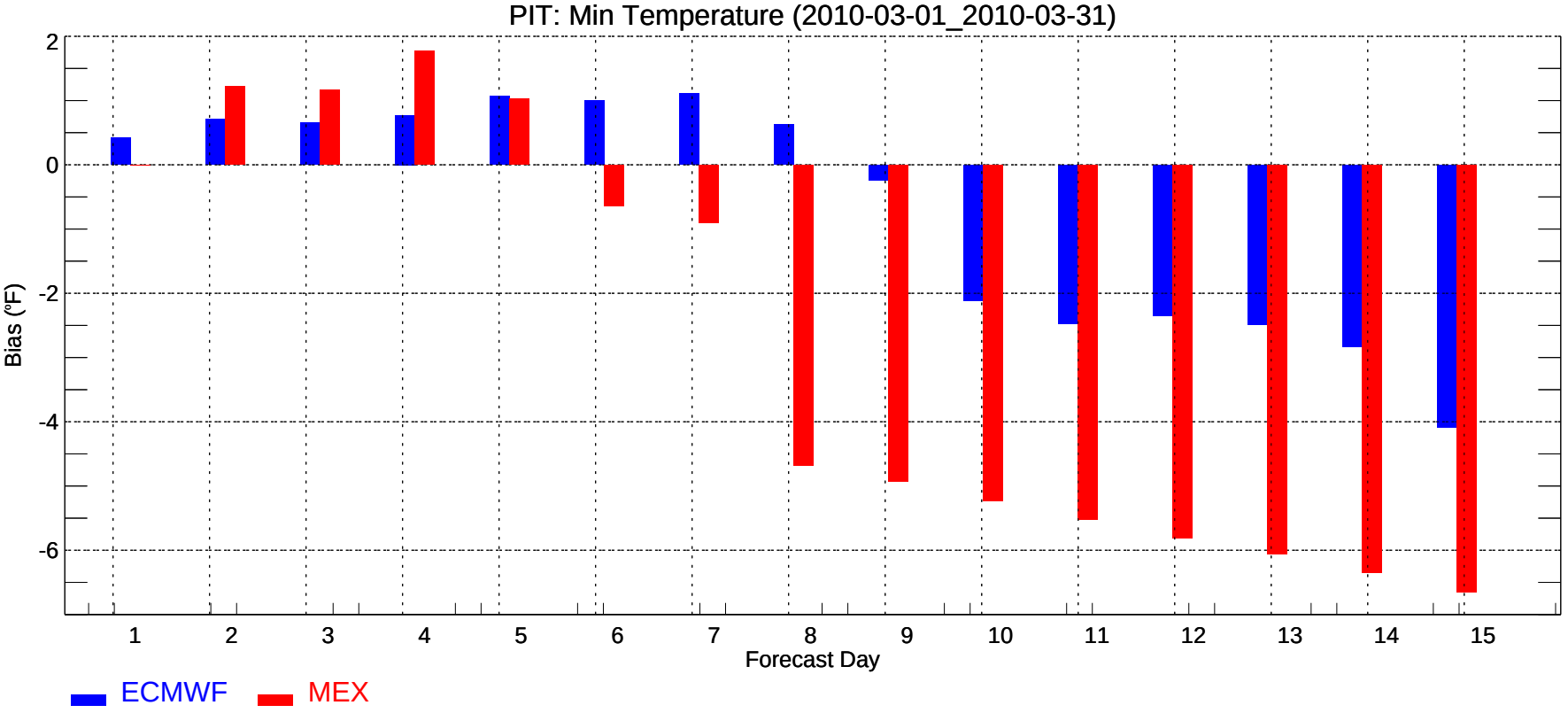
Forecast Day
ECMWF
MEX


PIT: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
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8
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10
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12
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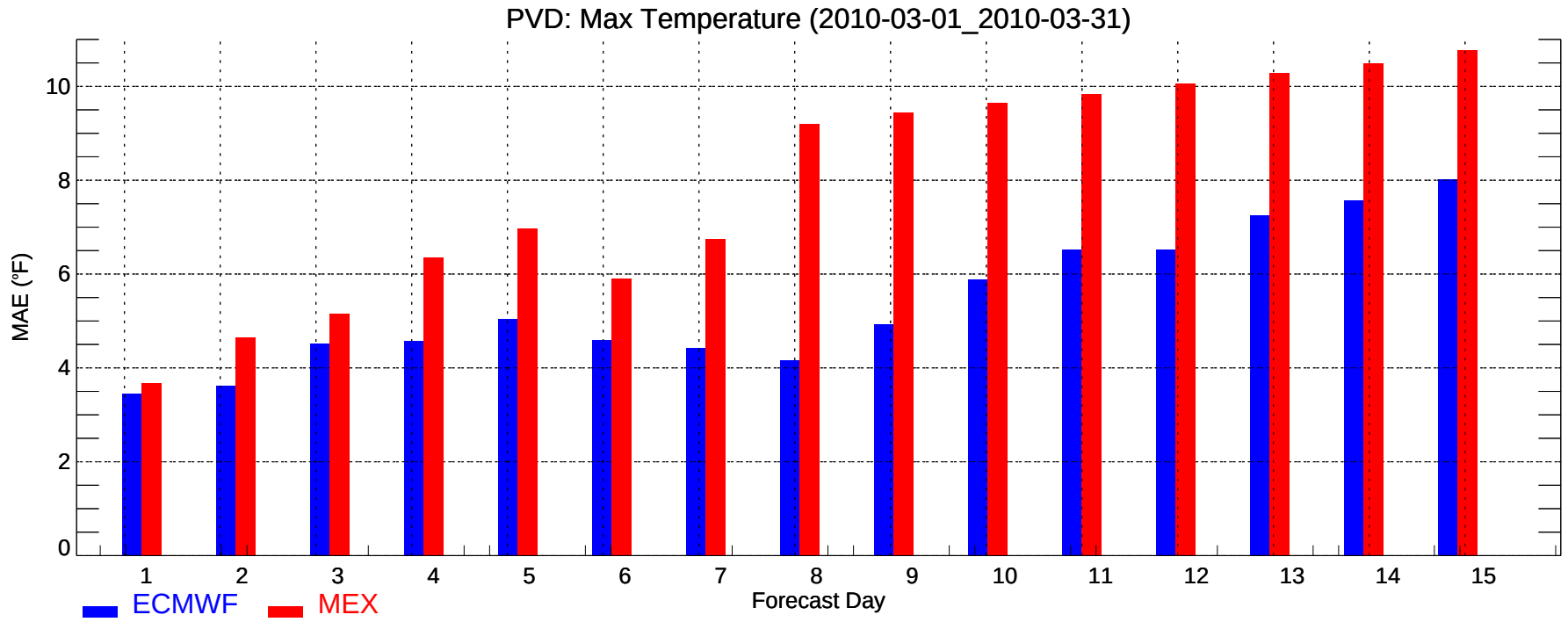
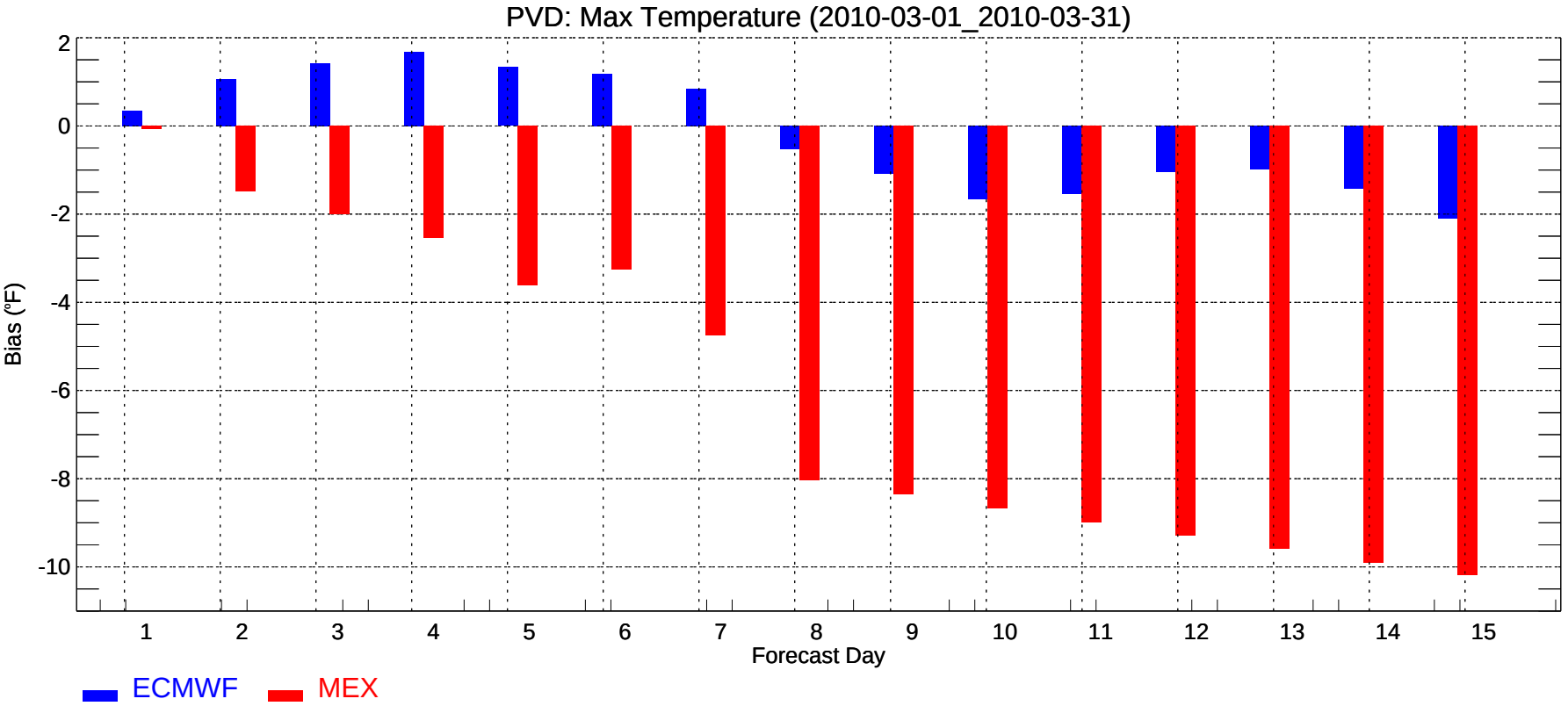
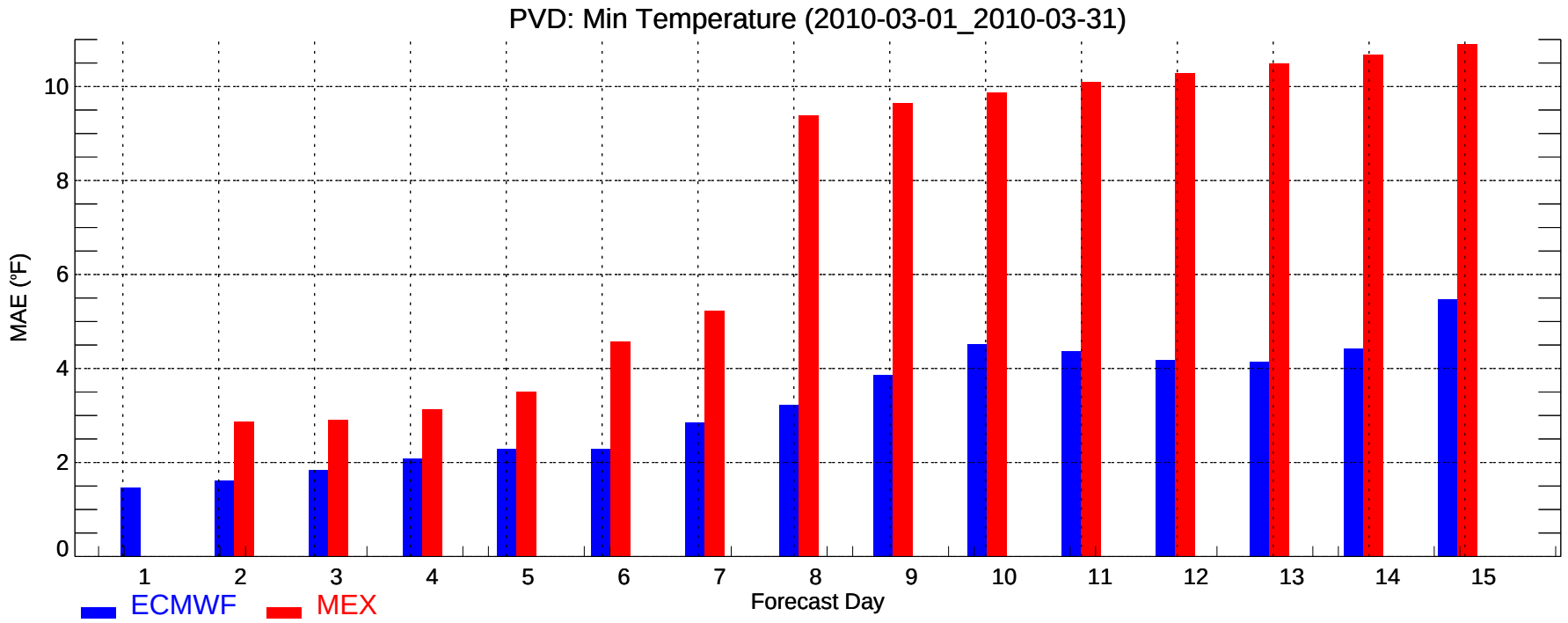
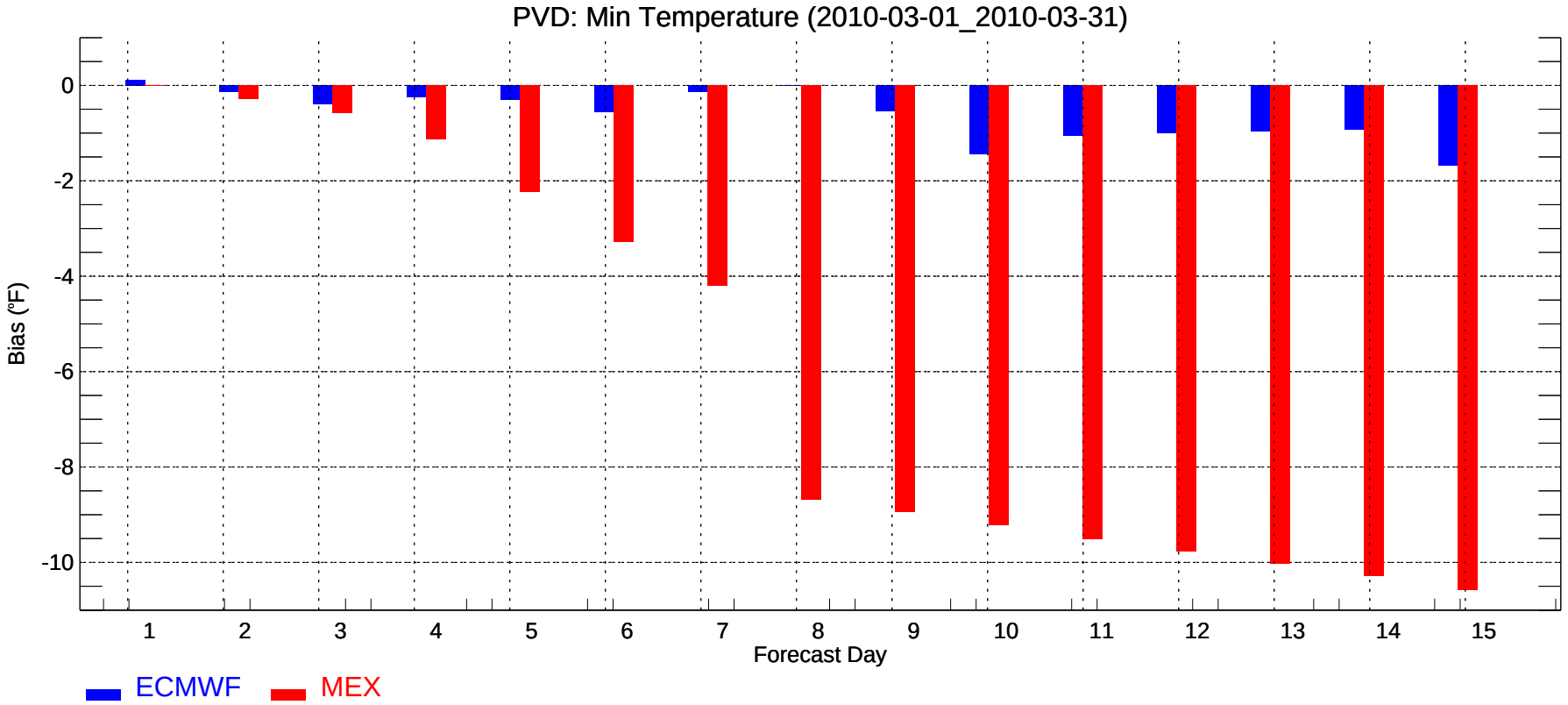
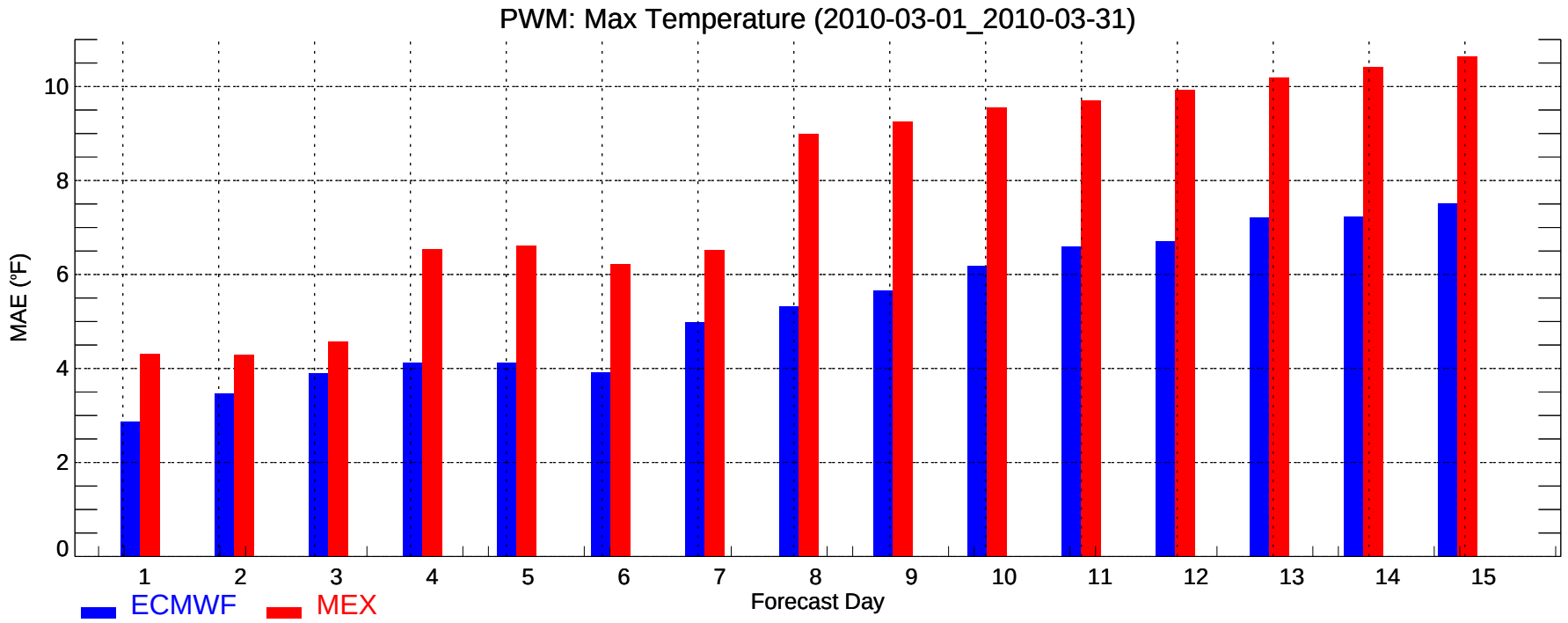
14
15
Forecast Day
ECMWF
MEX

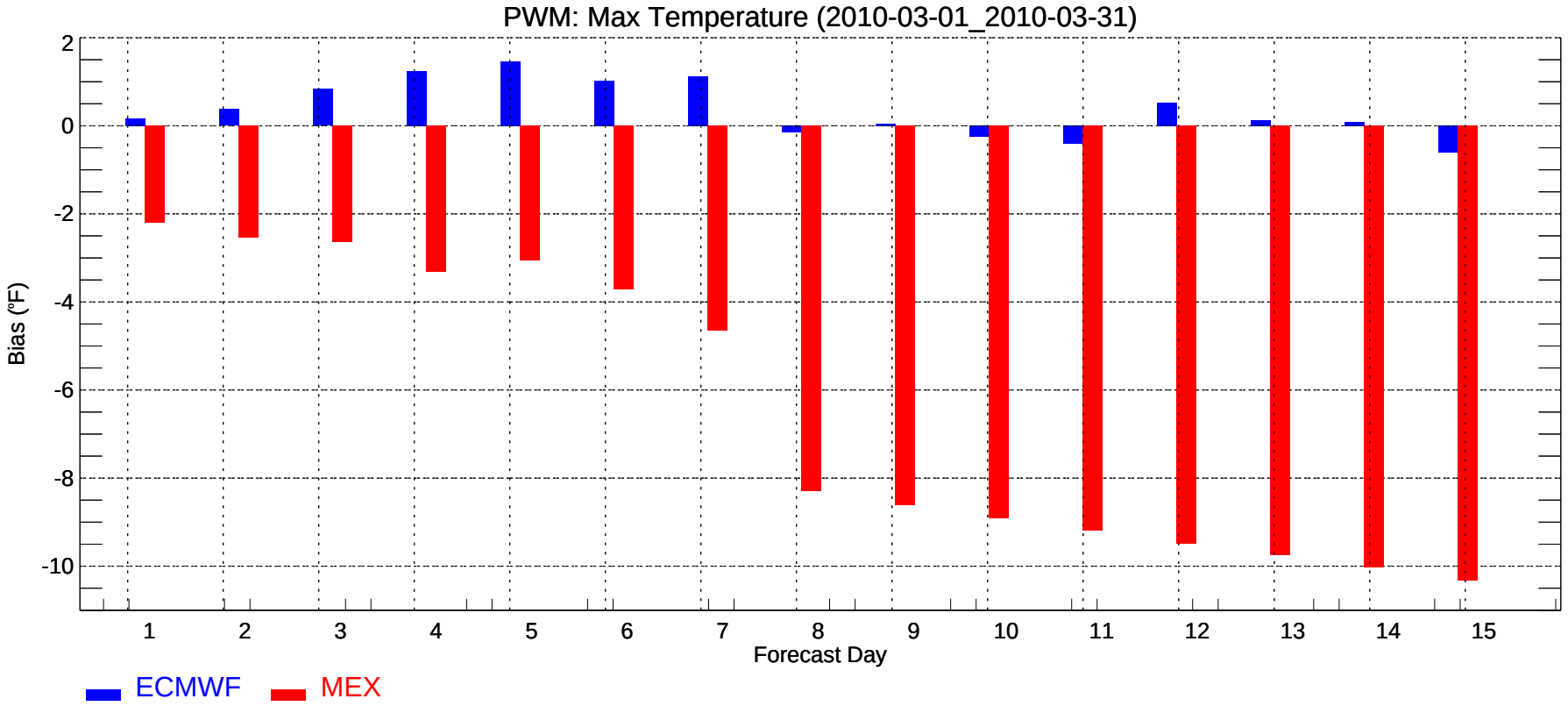

PVD: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

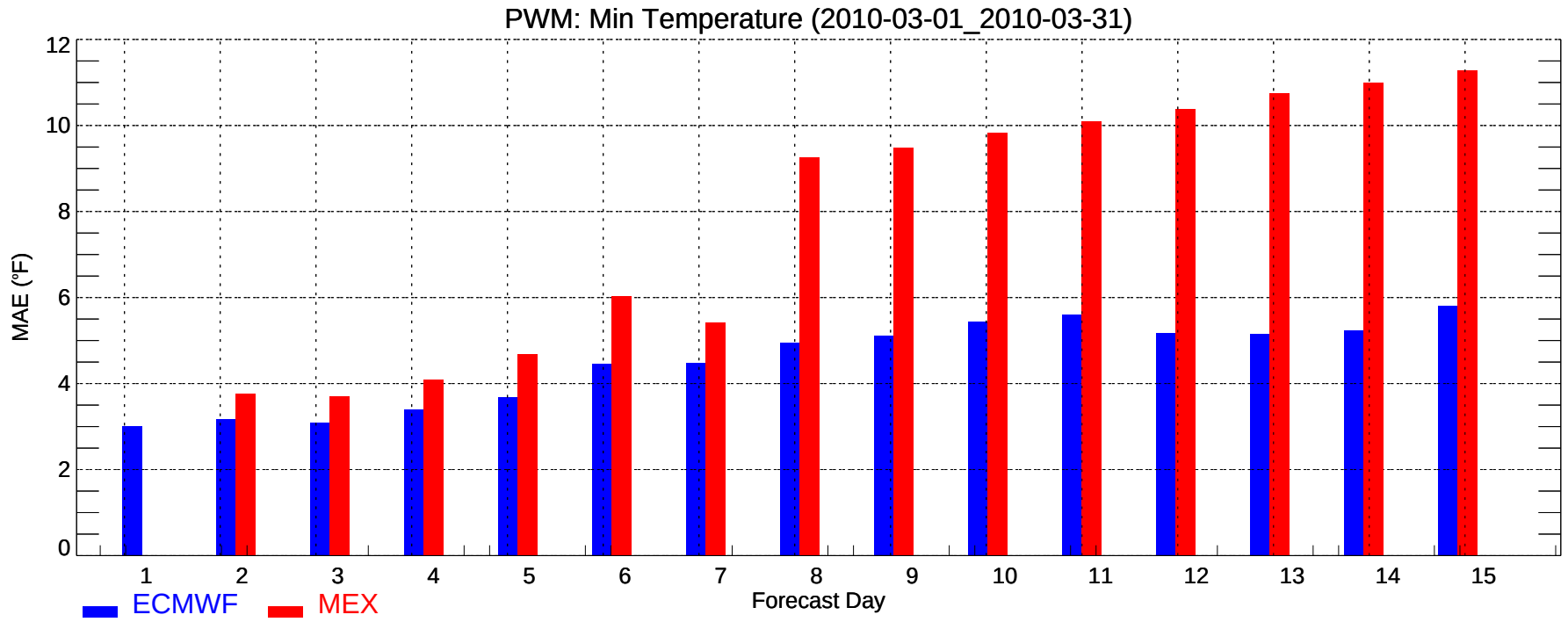

PVD: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

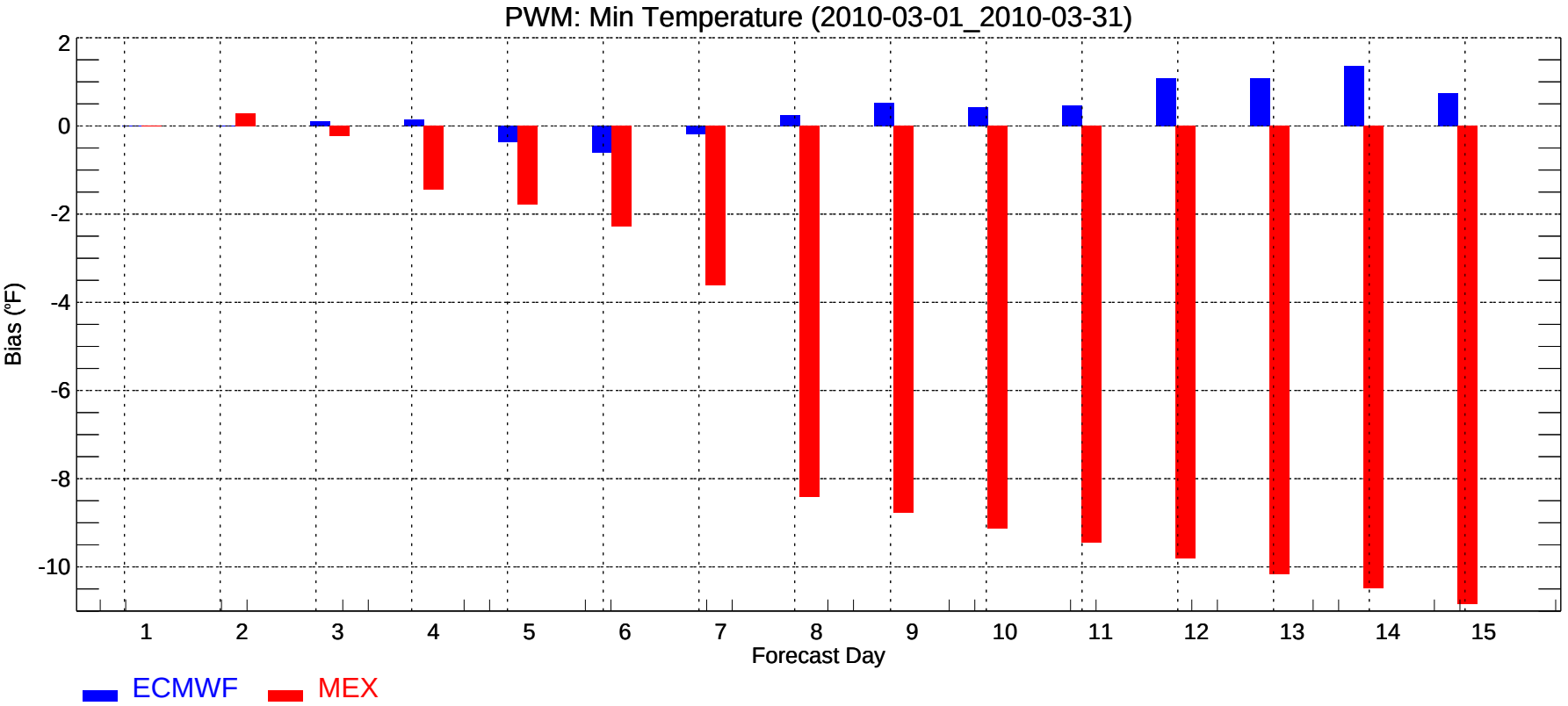

PVD: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

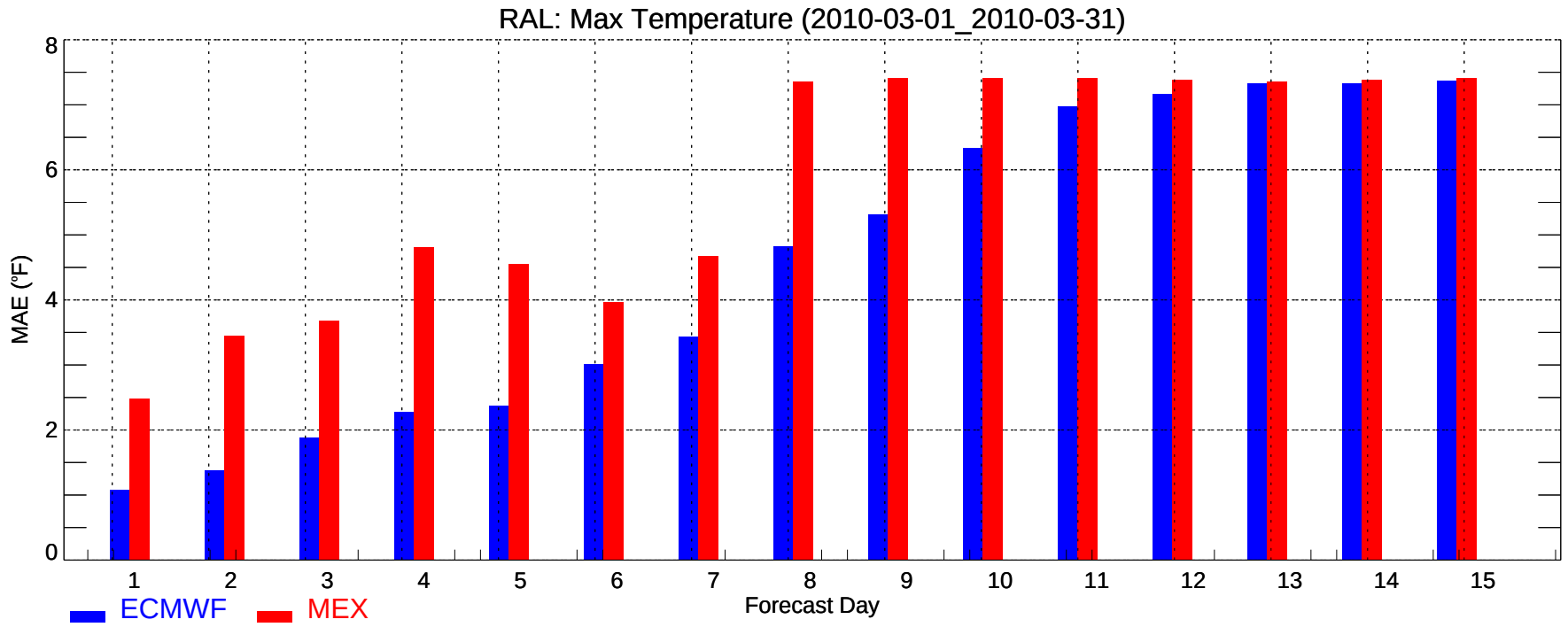

PVD: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

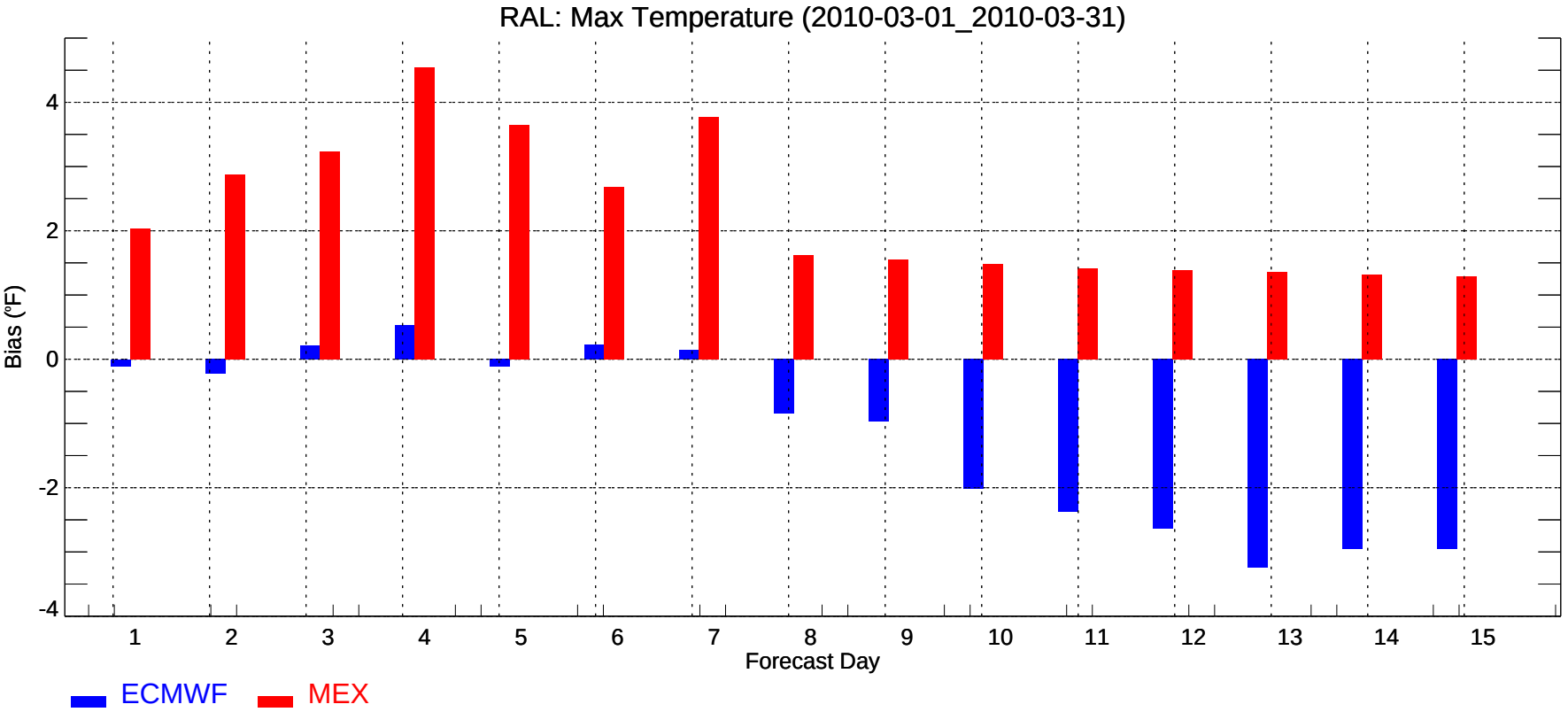

PWM: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

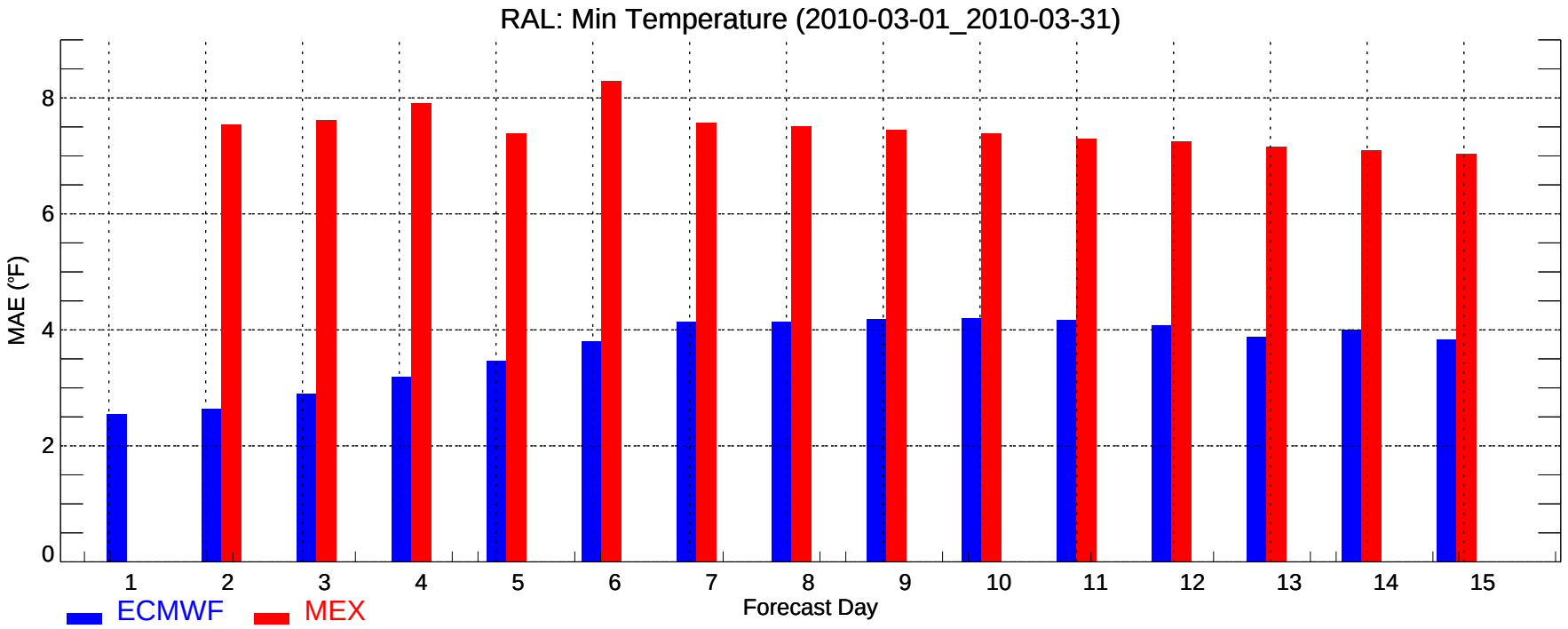

PWM: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

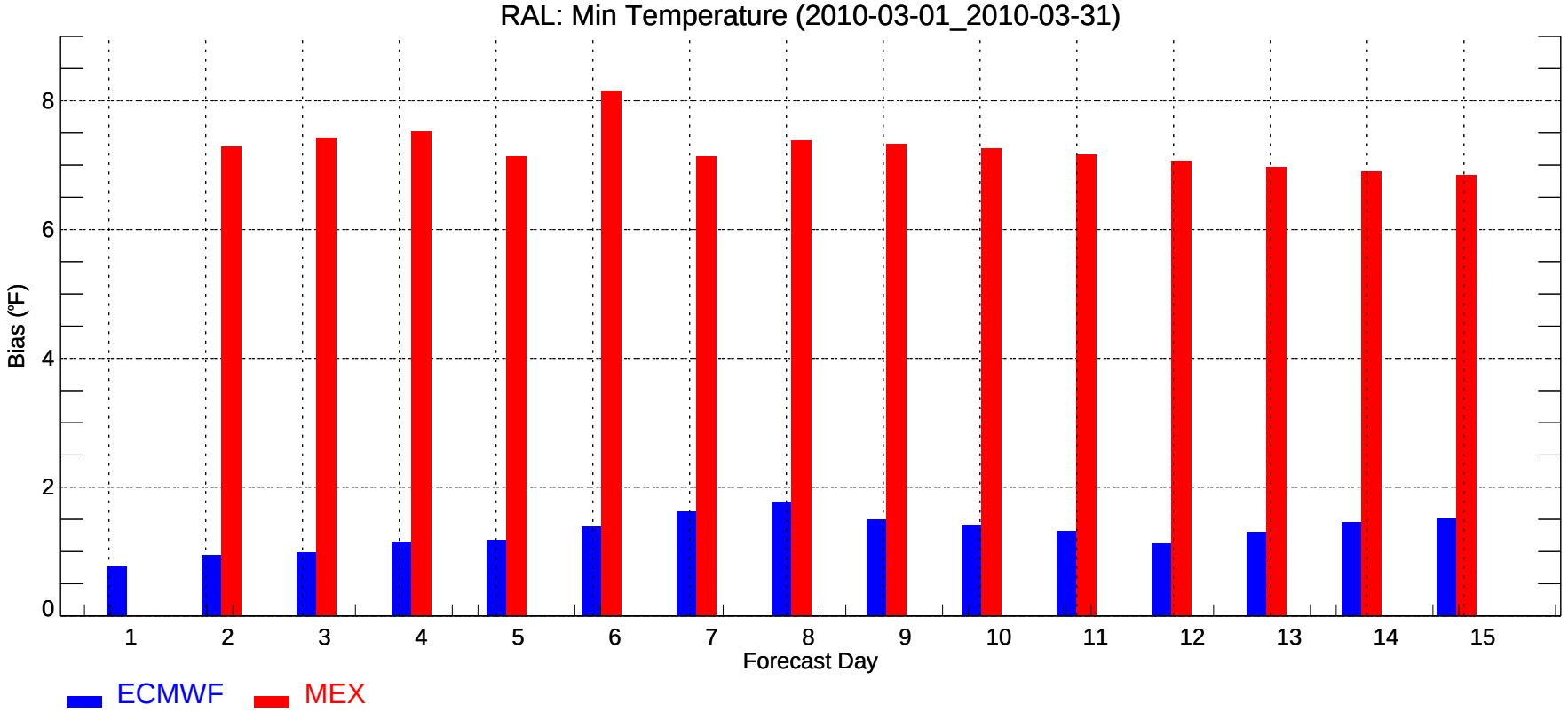

PWM: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

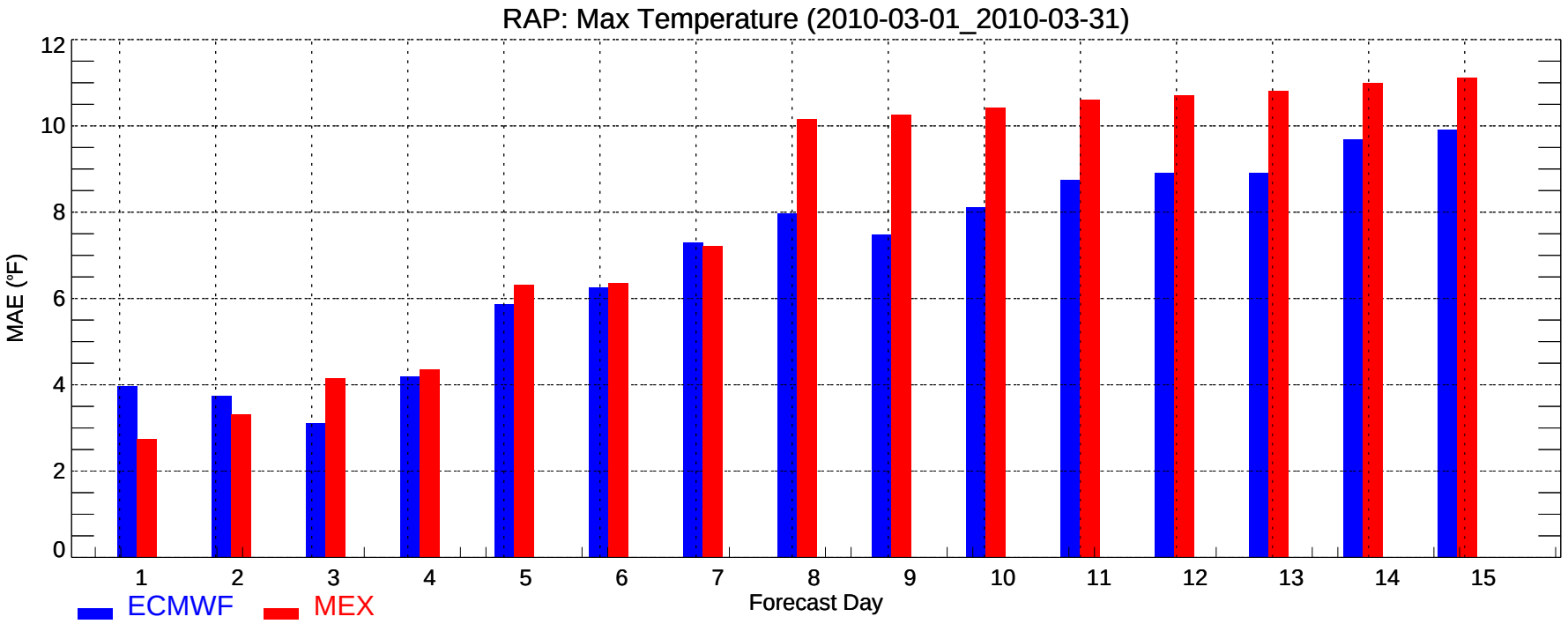

PWM: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

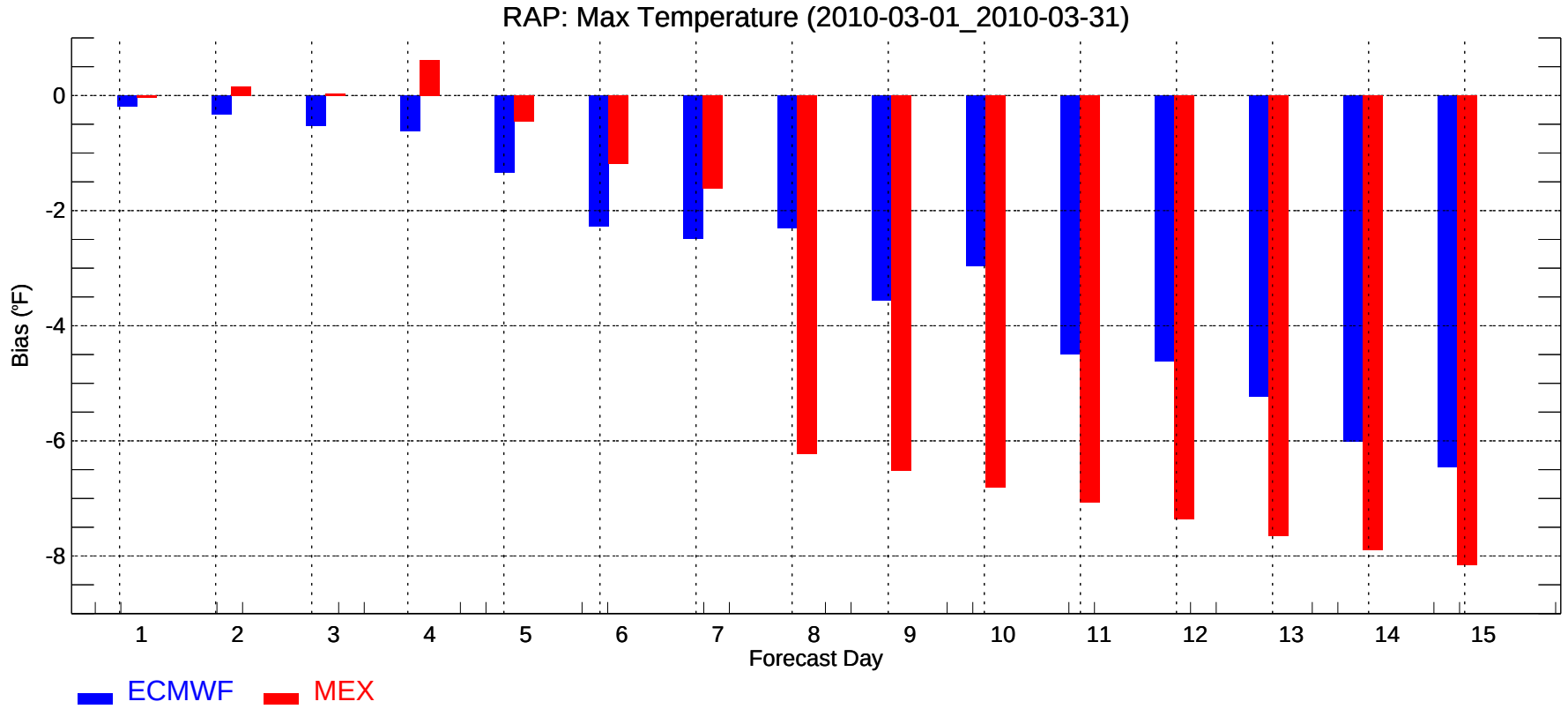

RAL: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

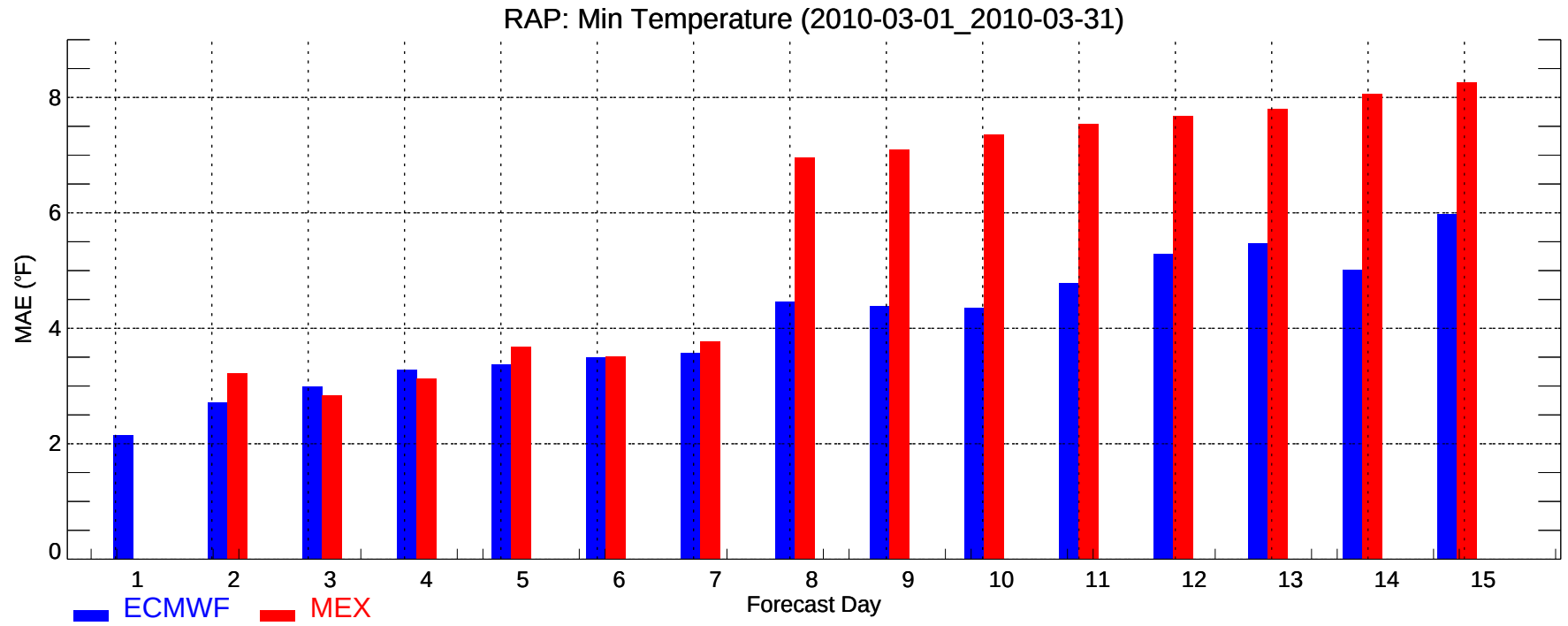

RAL: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-4
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

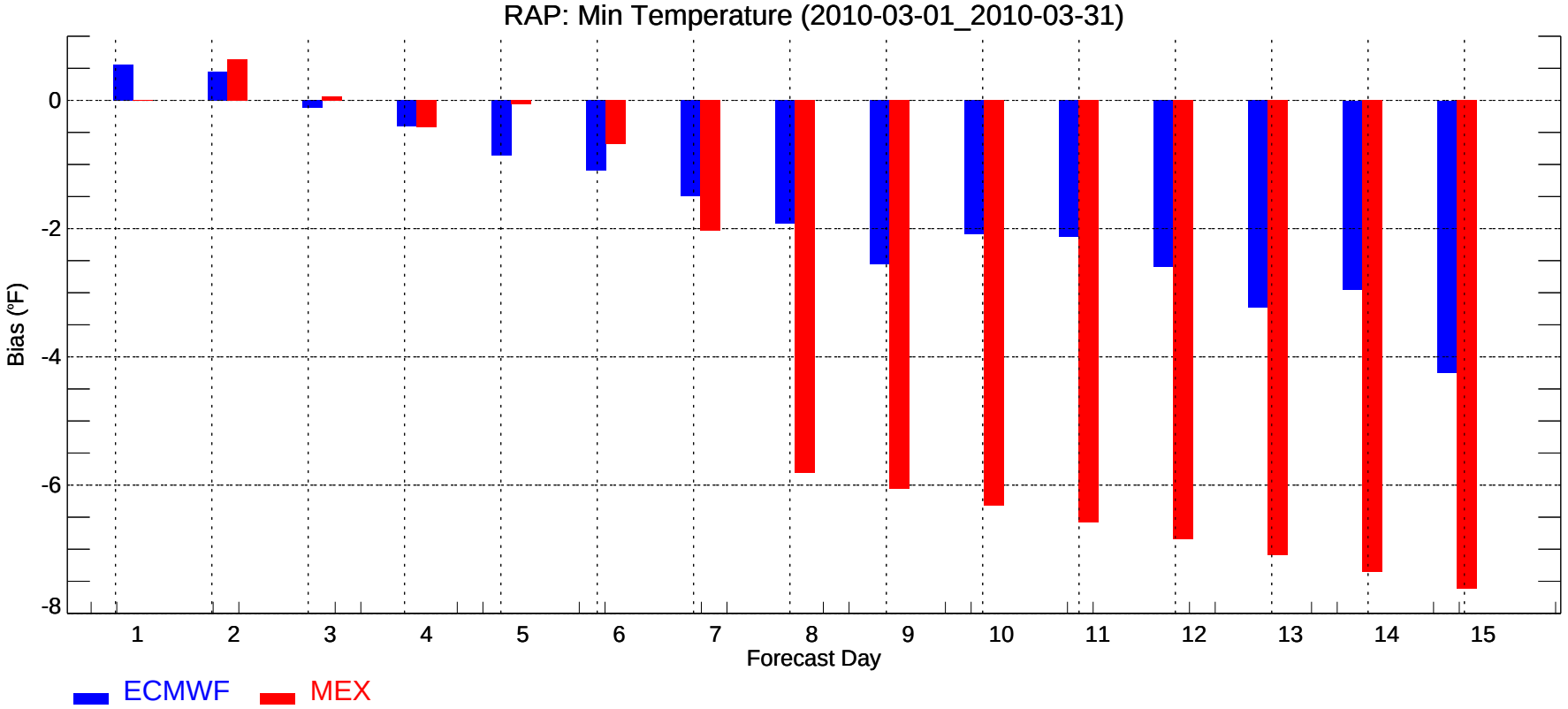

RAL: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

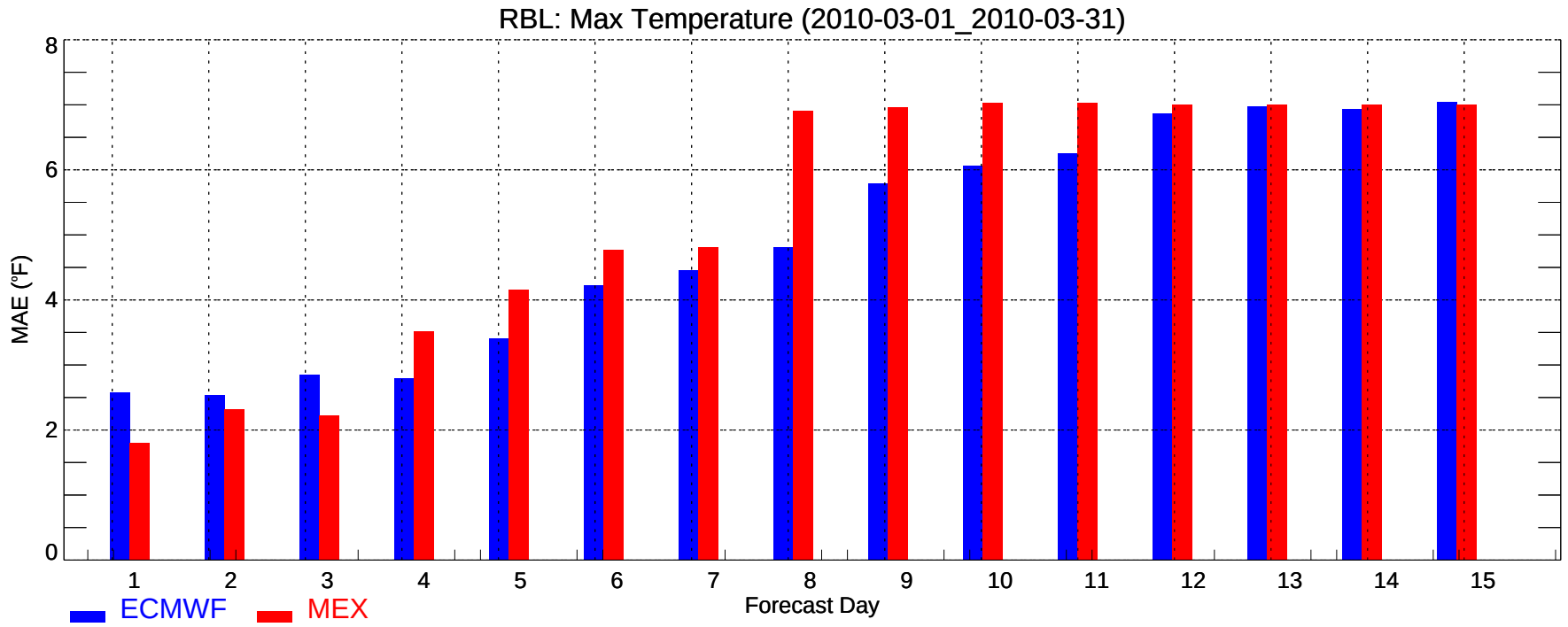

RAL: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

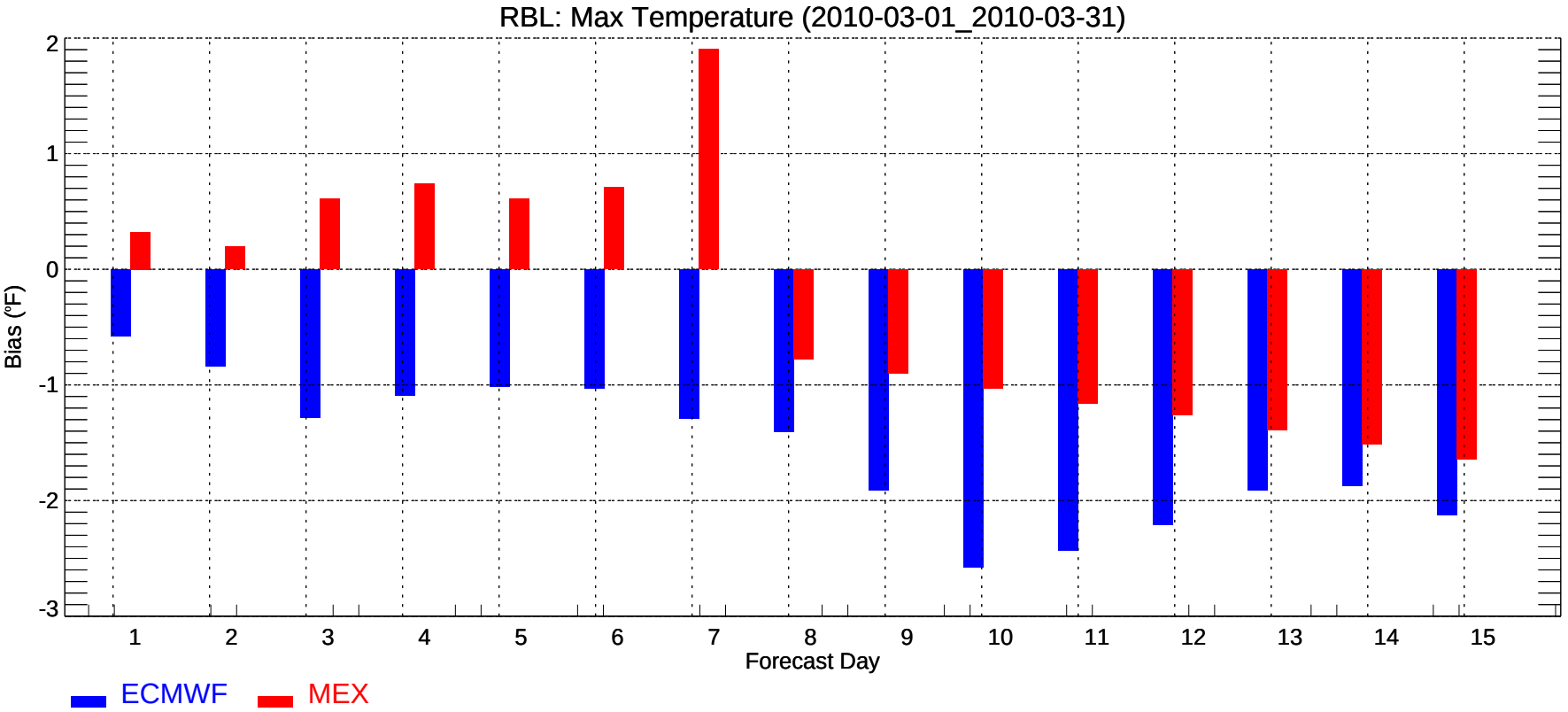

RAP: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

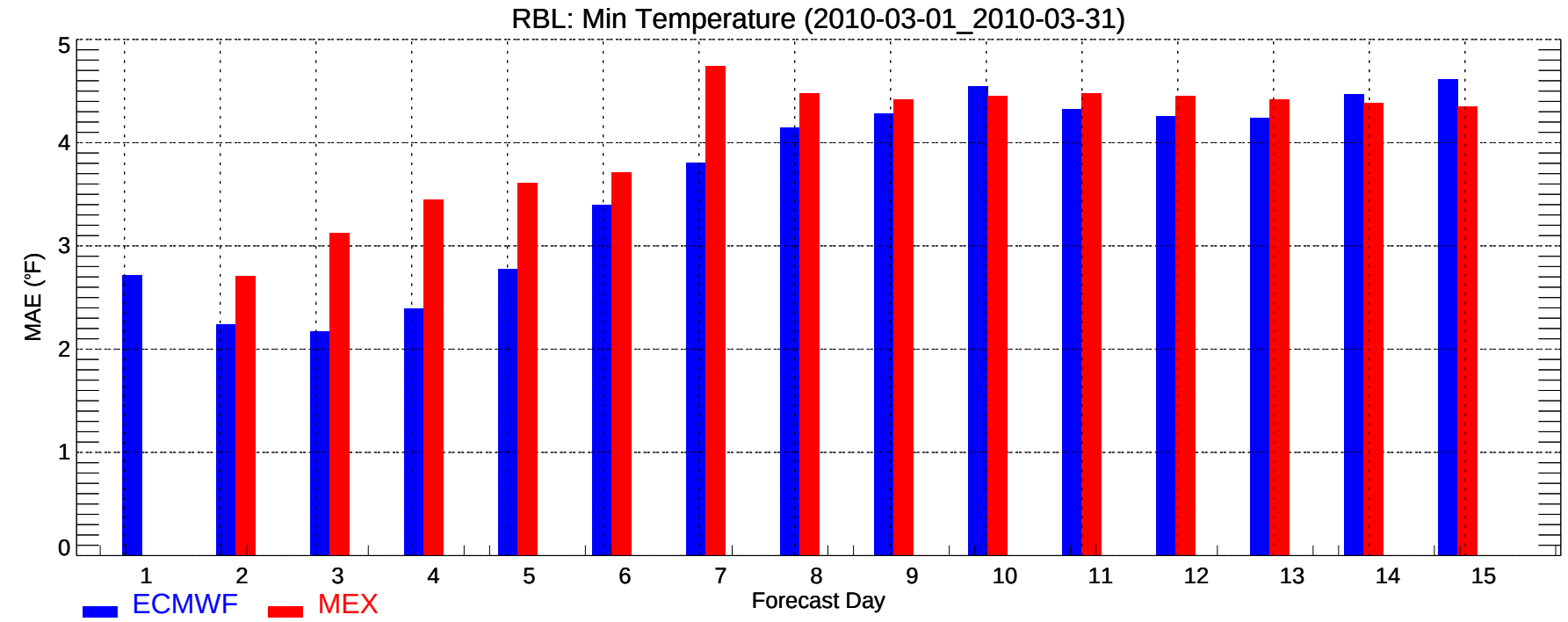

RAP: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

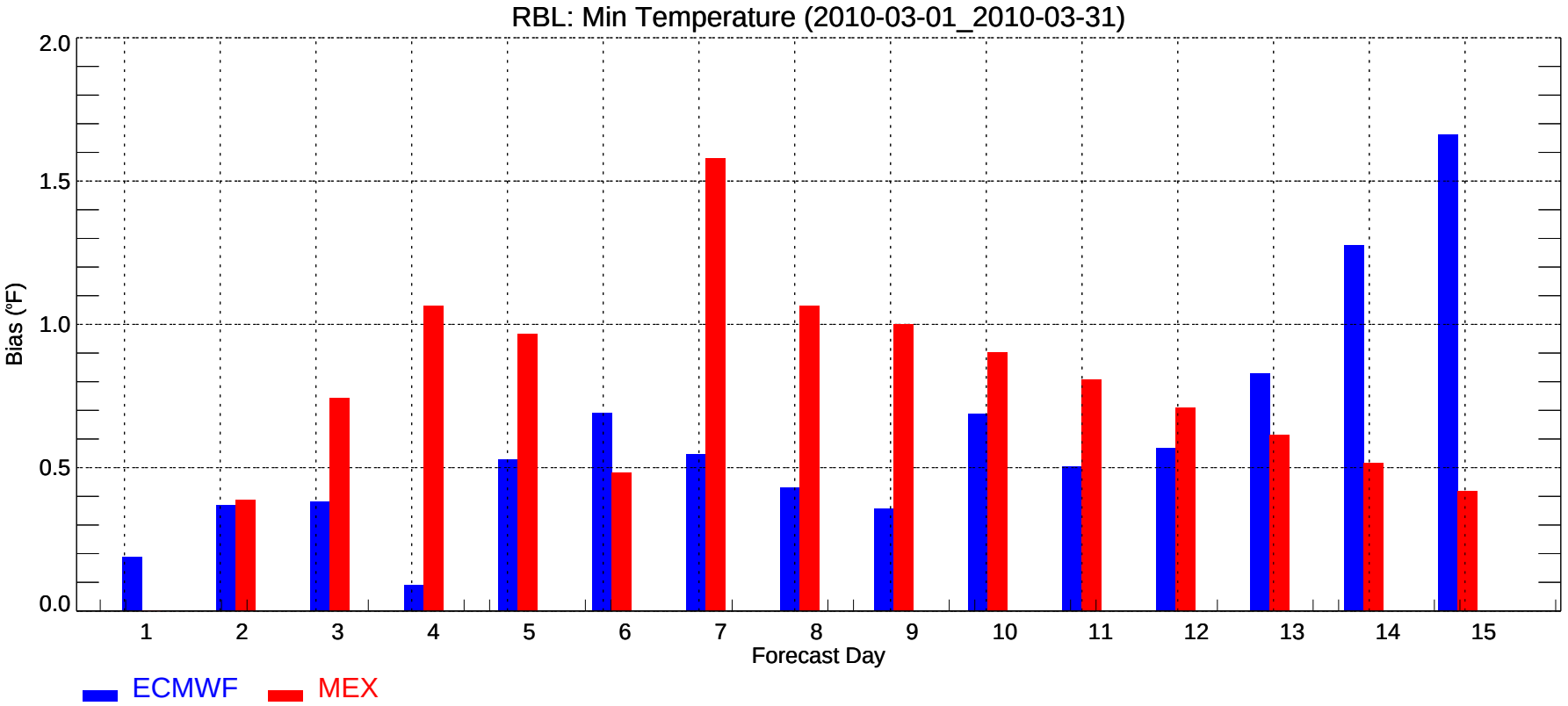

RAP: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

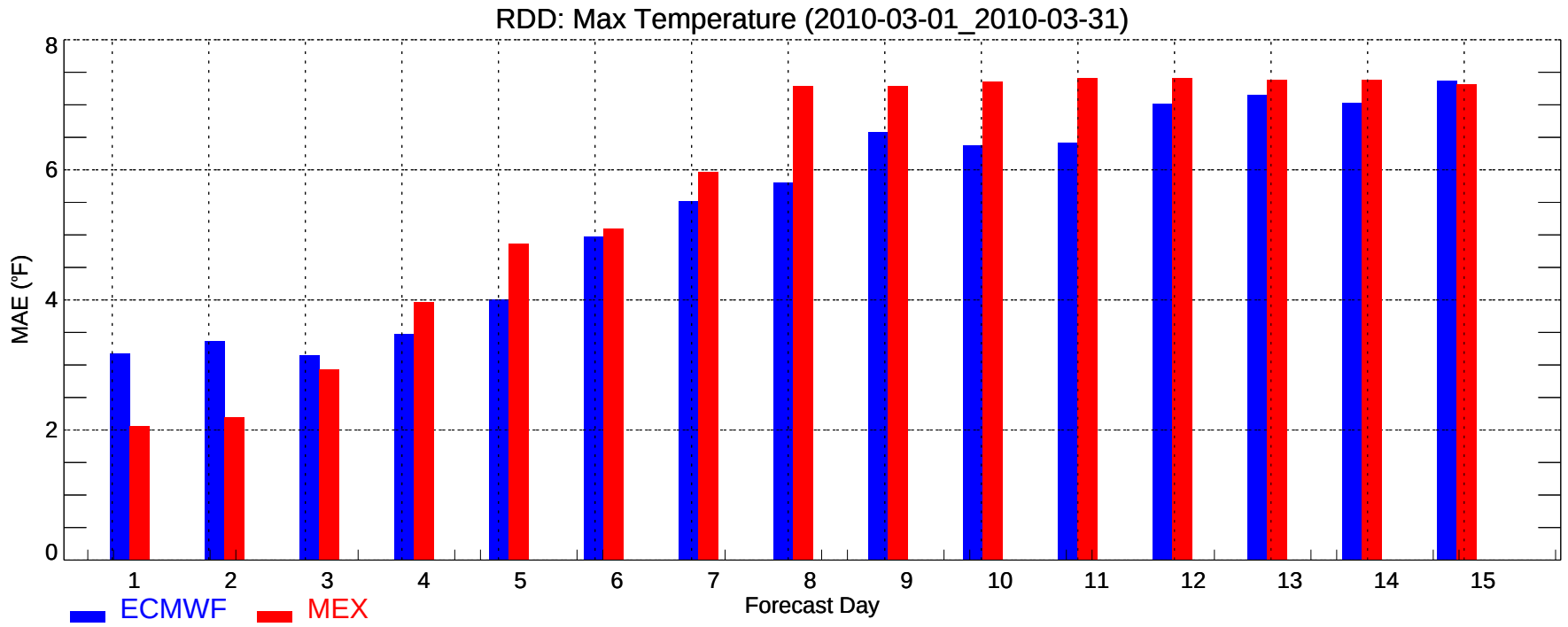

RAP: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

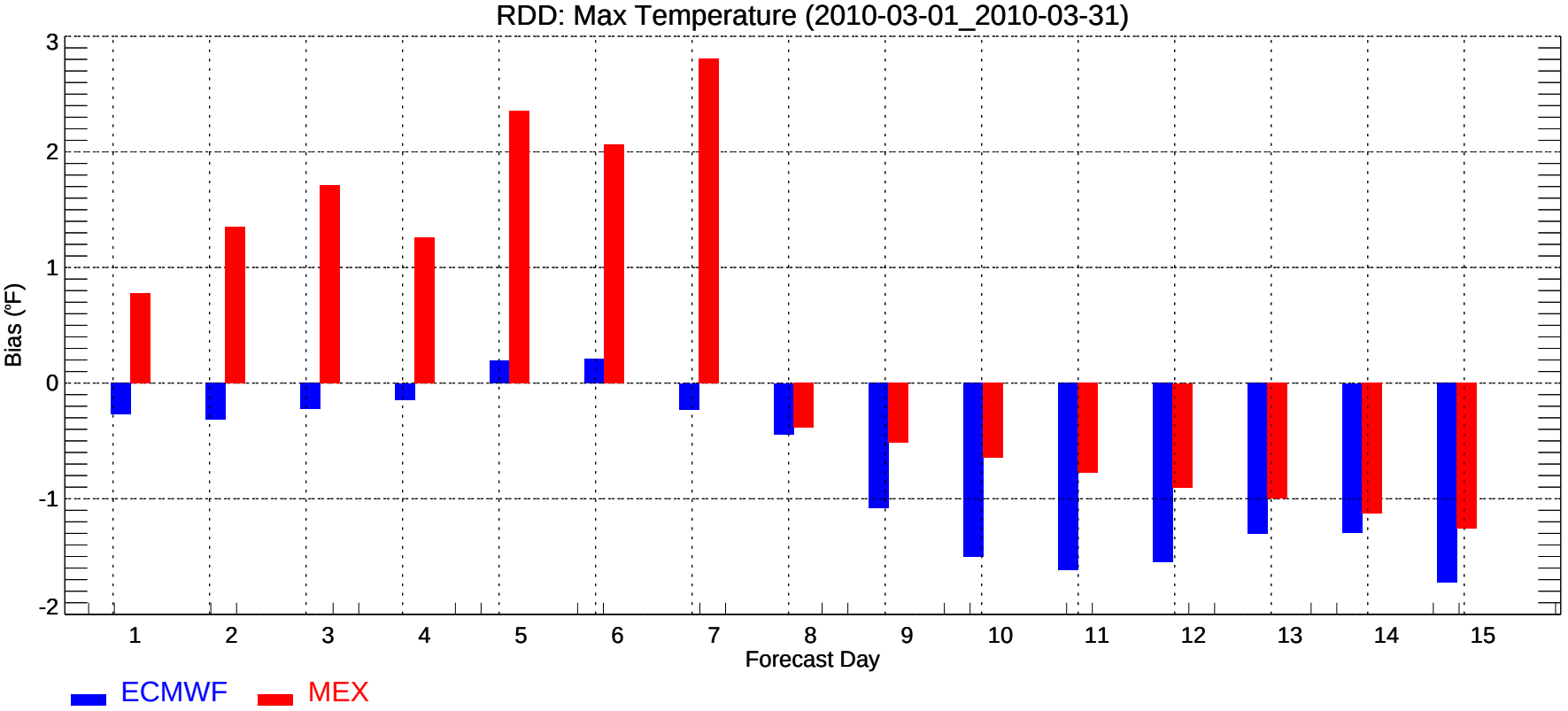

RBL: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

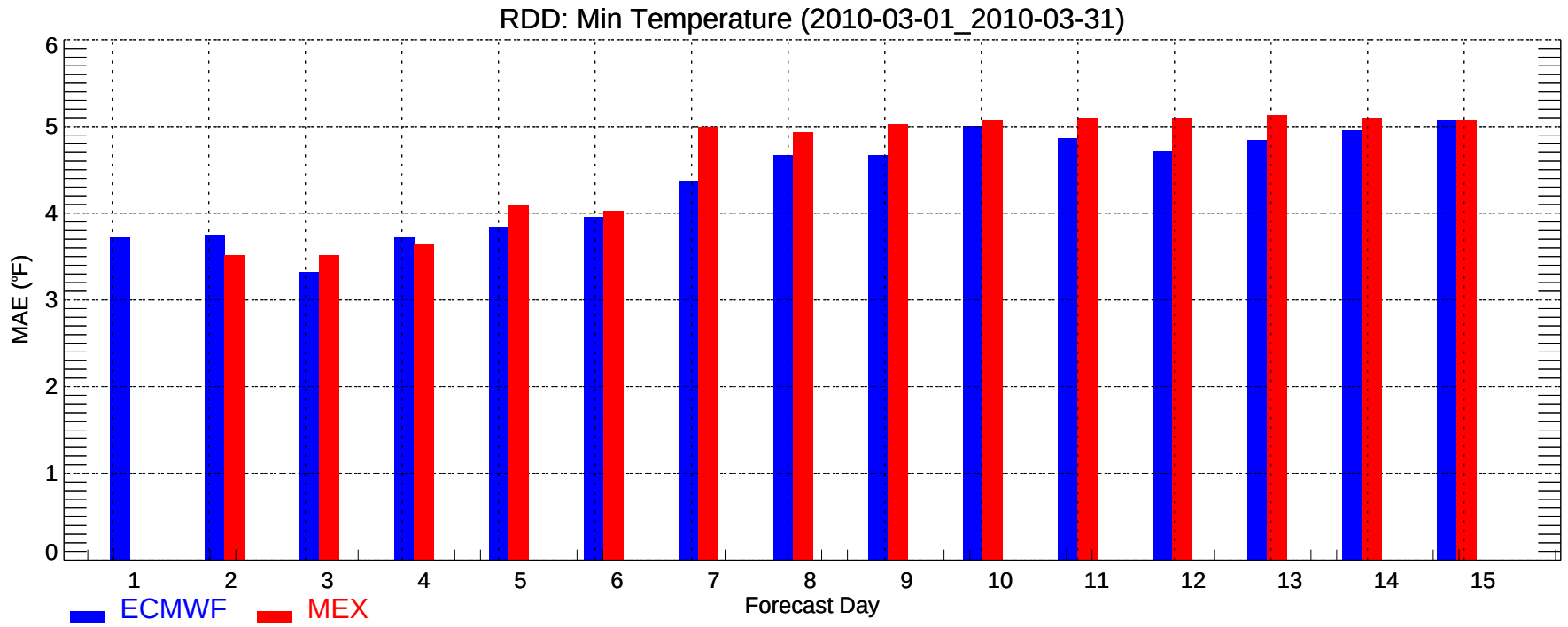

RBL: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

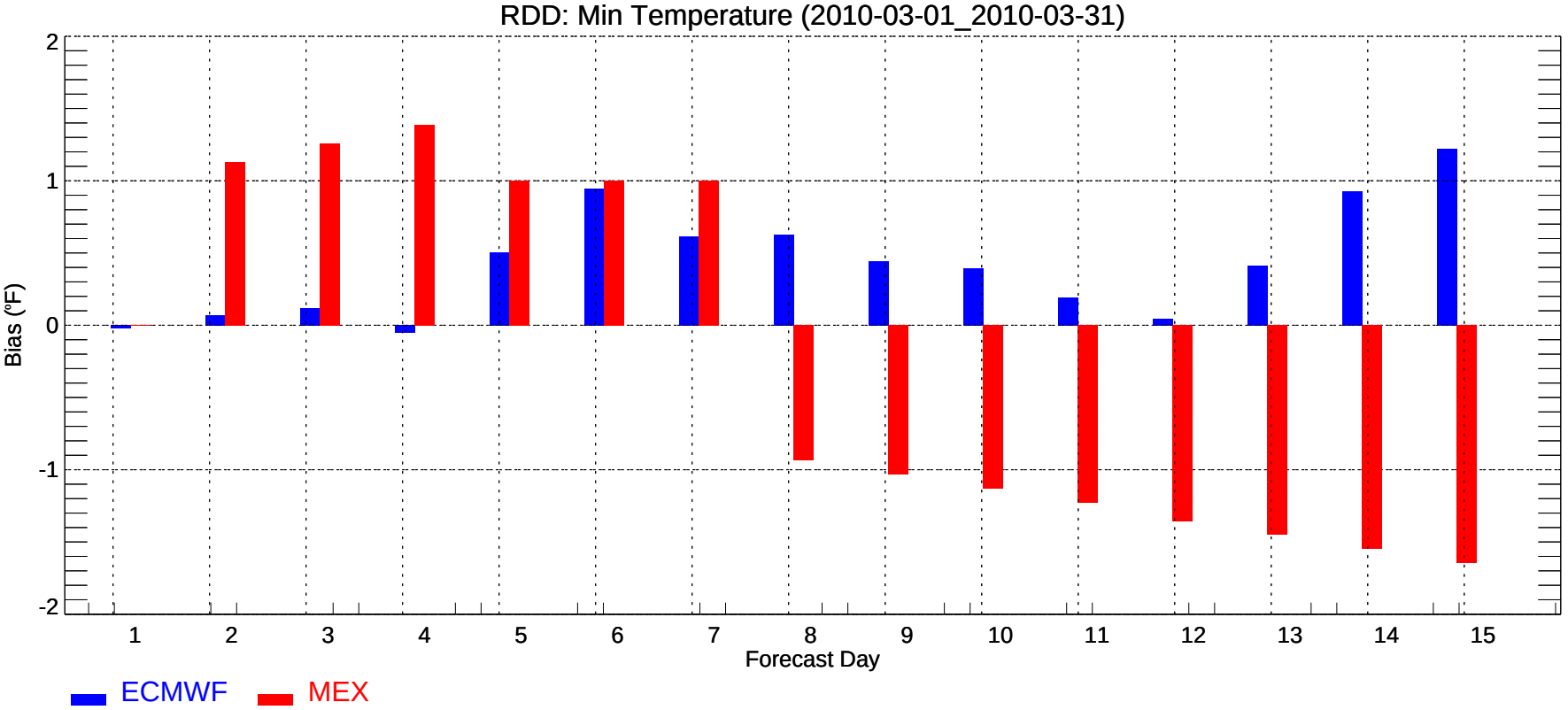

RBL: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

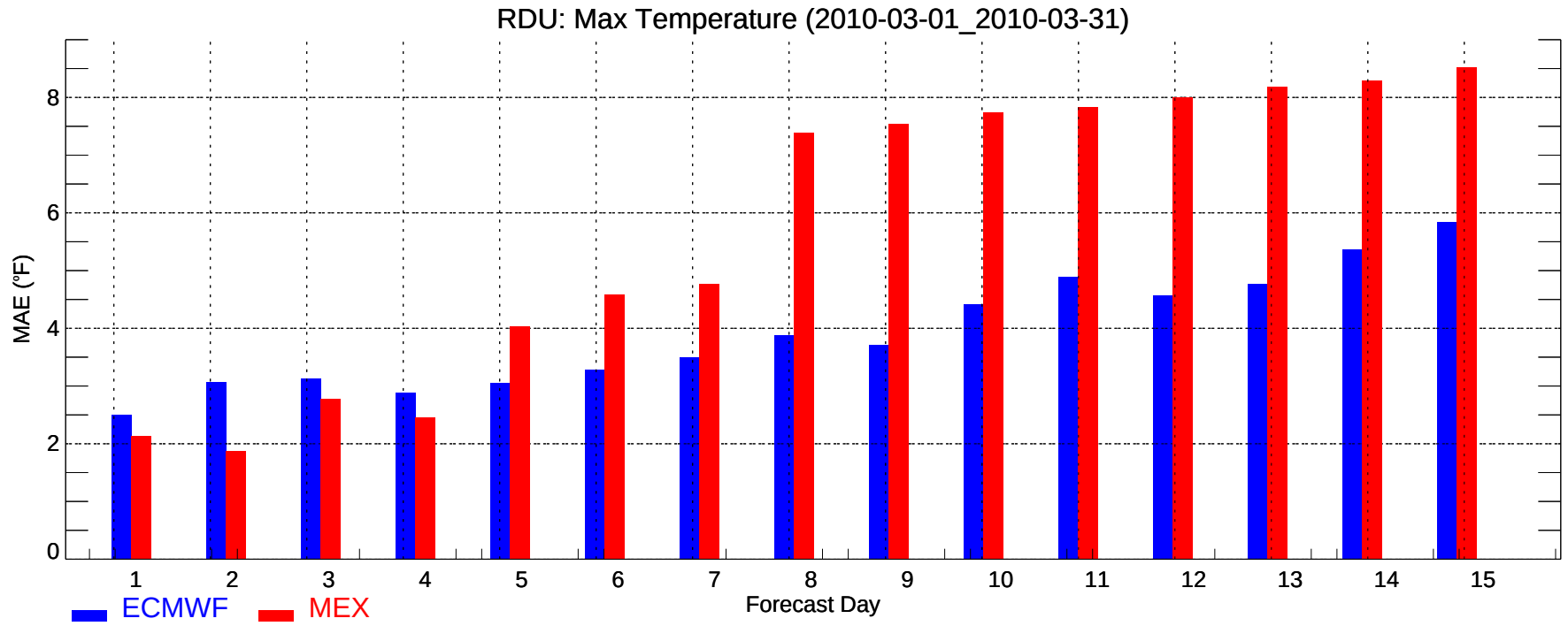

RBL: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0.0
0.5
1.0
1.5
2.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

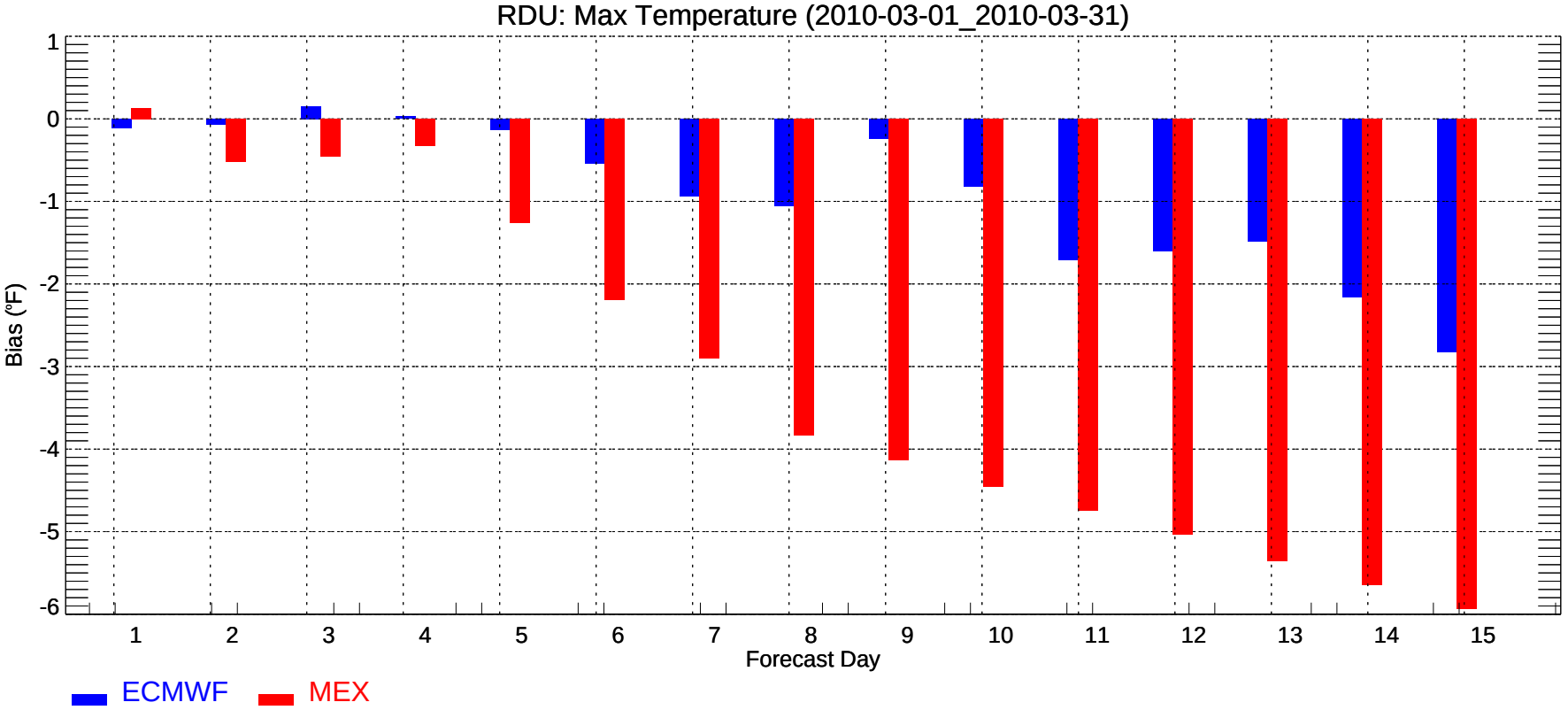

RDD: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

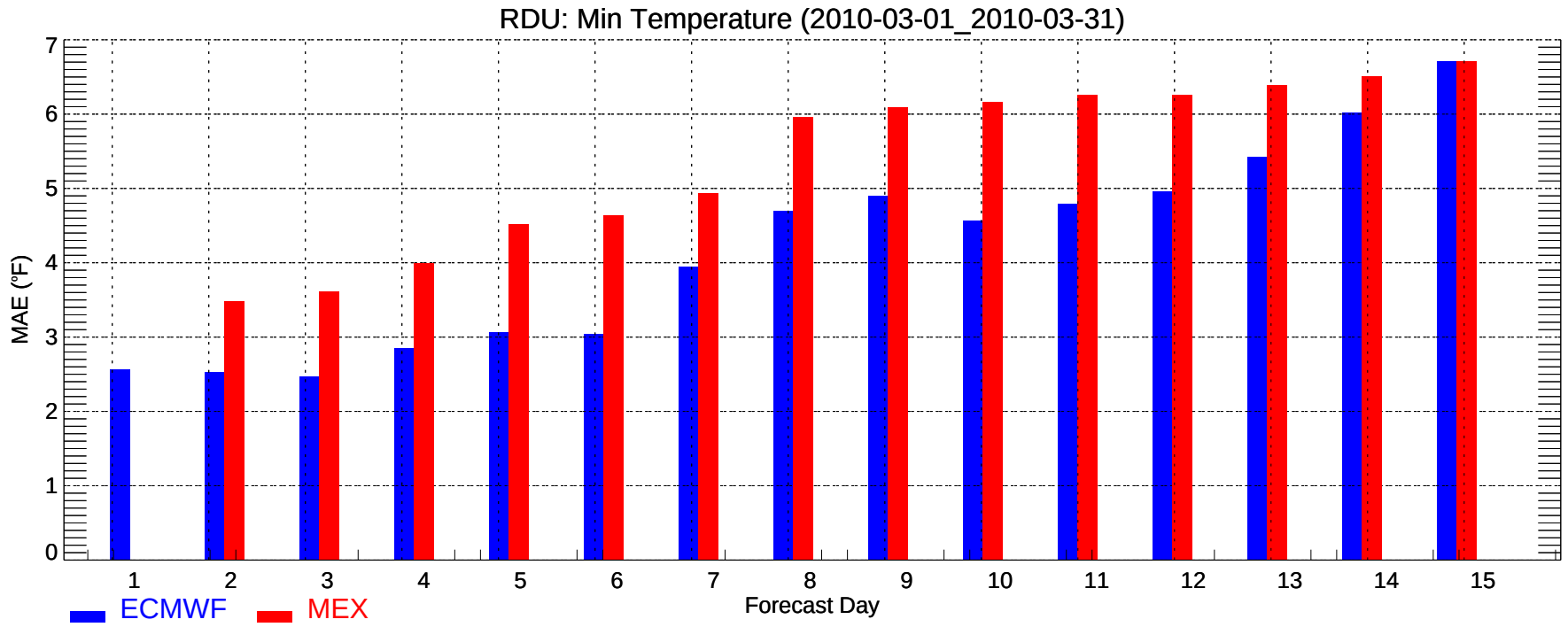

RDD: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

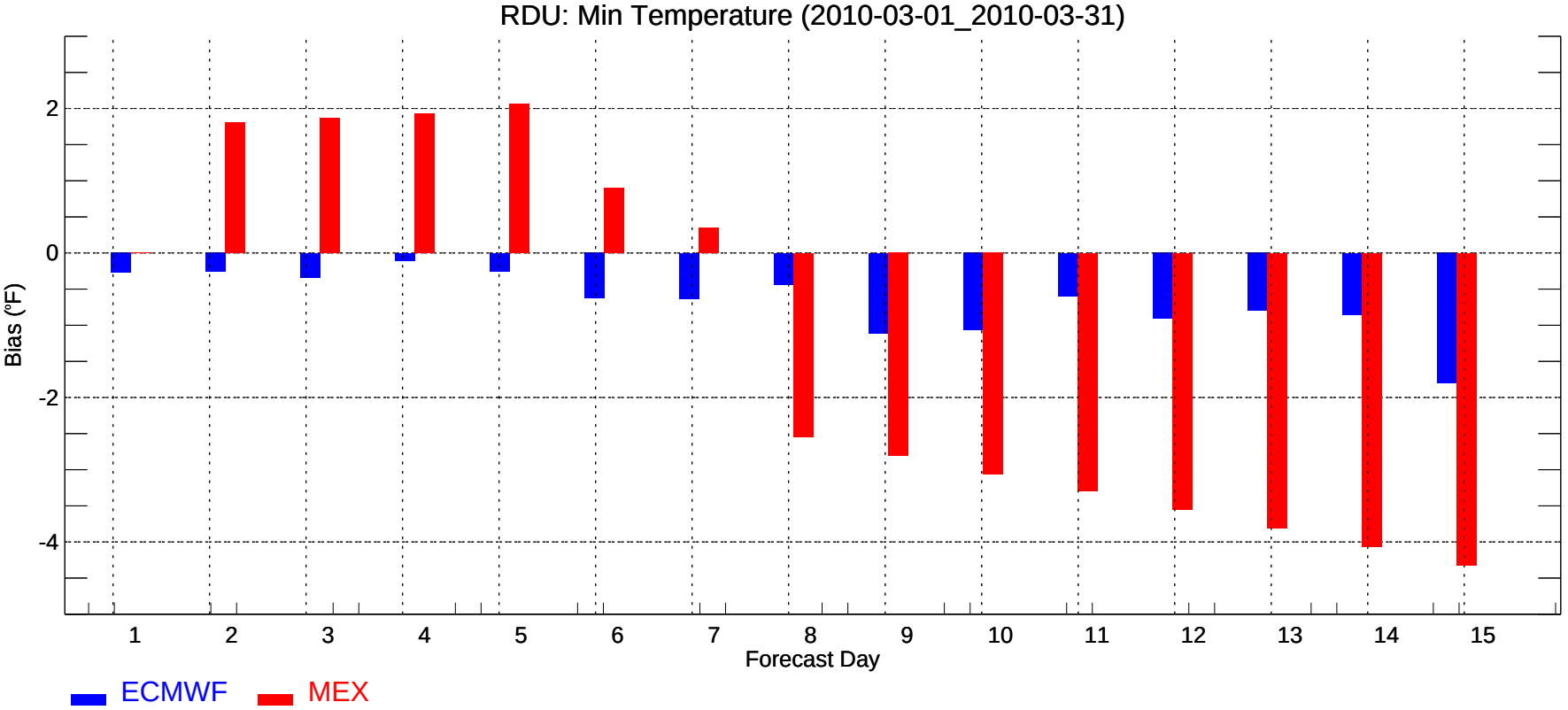

RDD: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

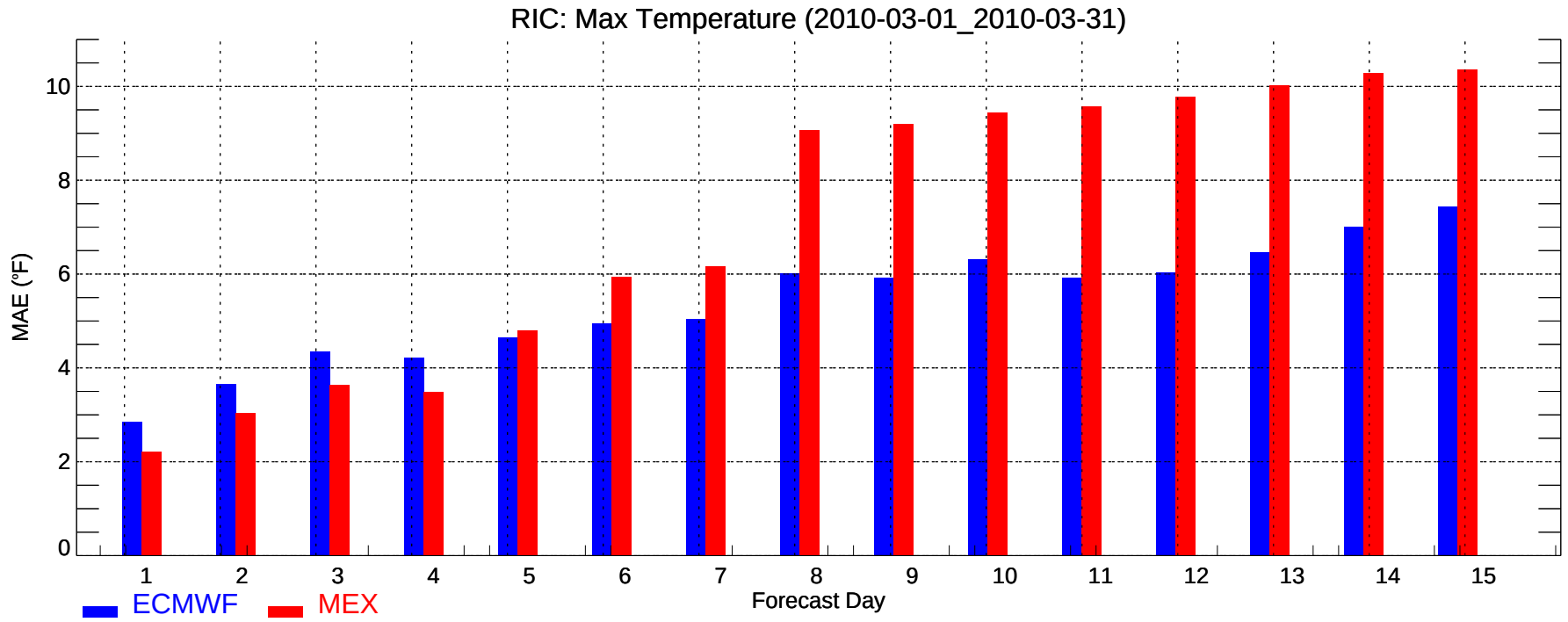

RDD: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

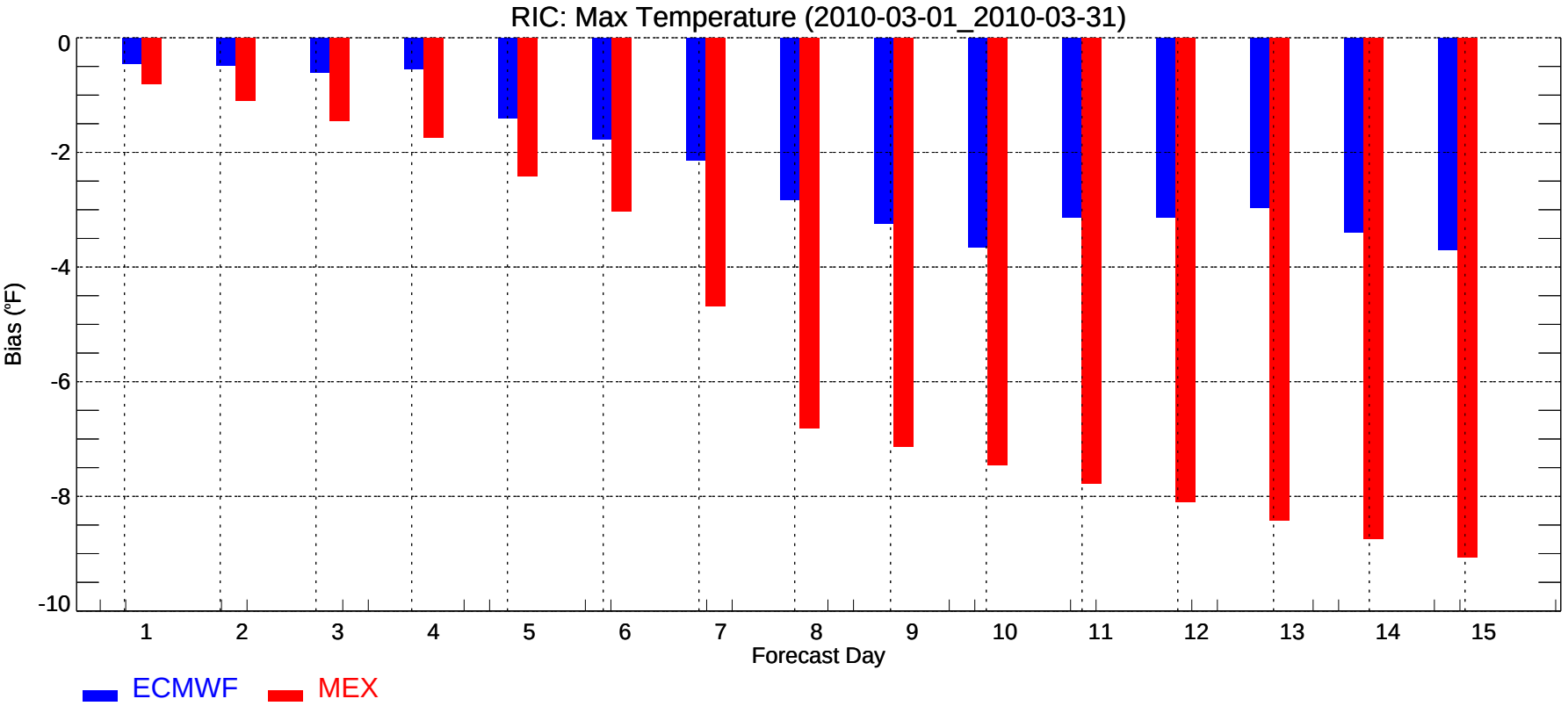

RDU: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

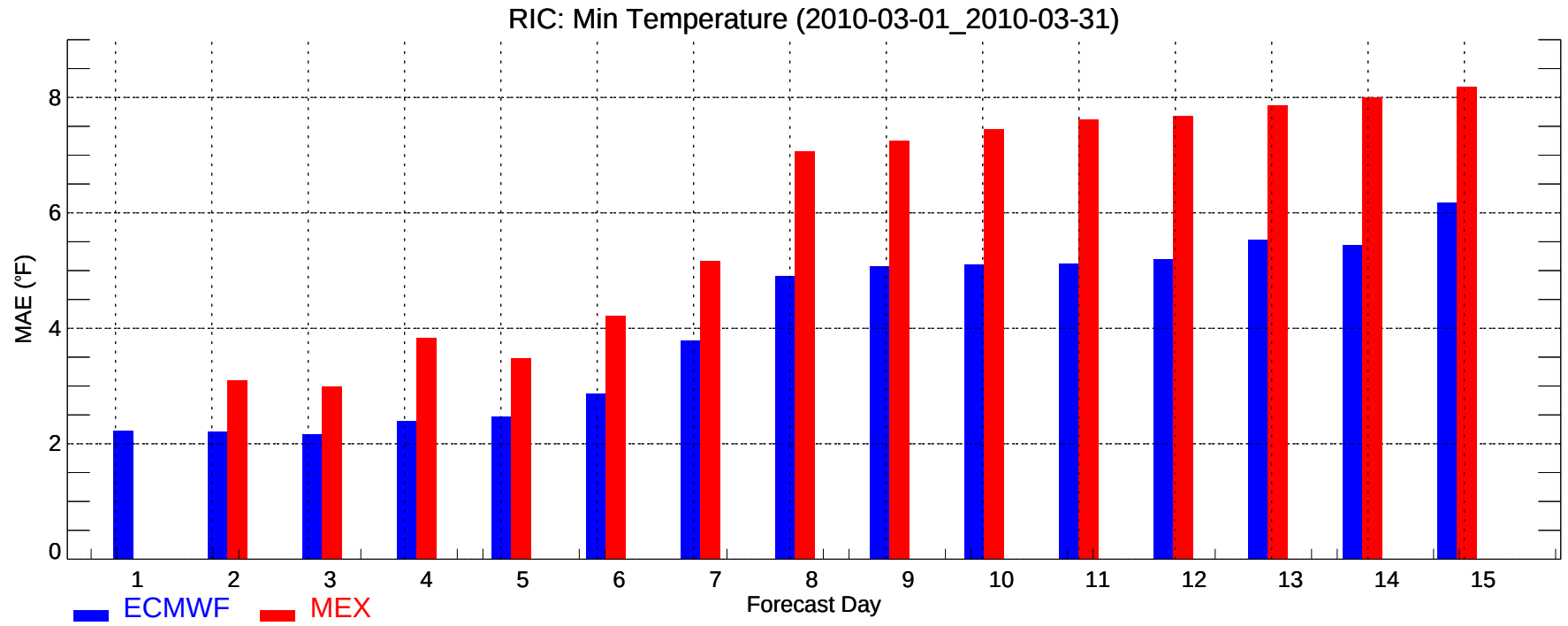

RDU: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

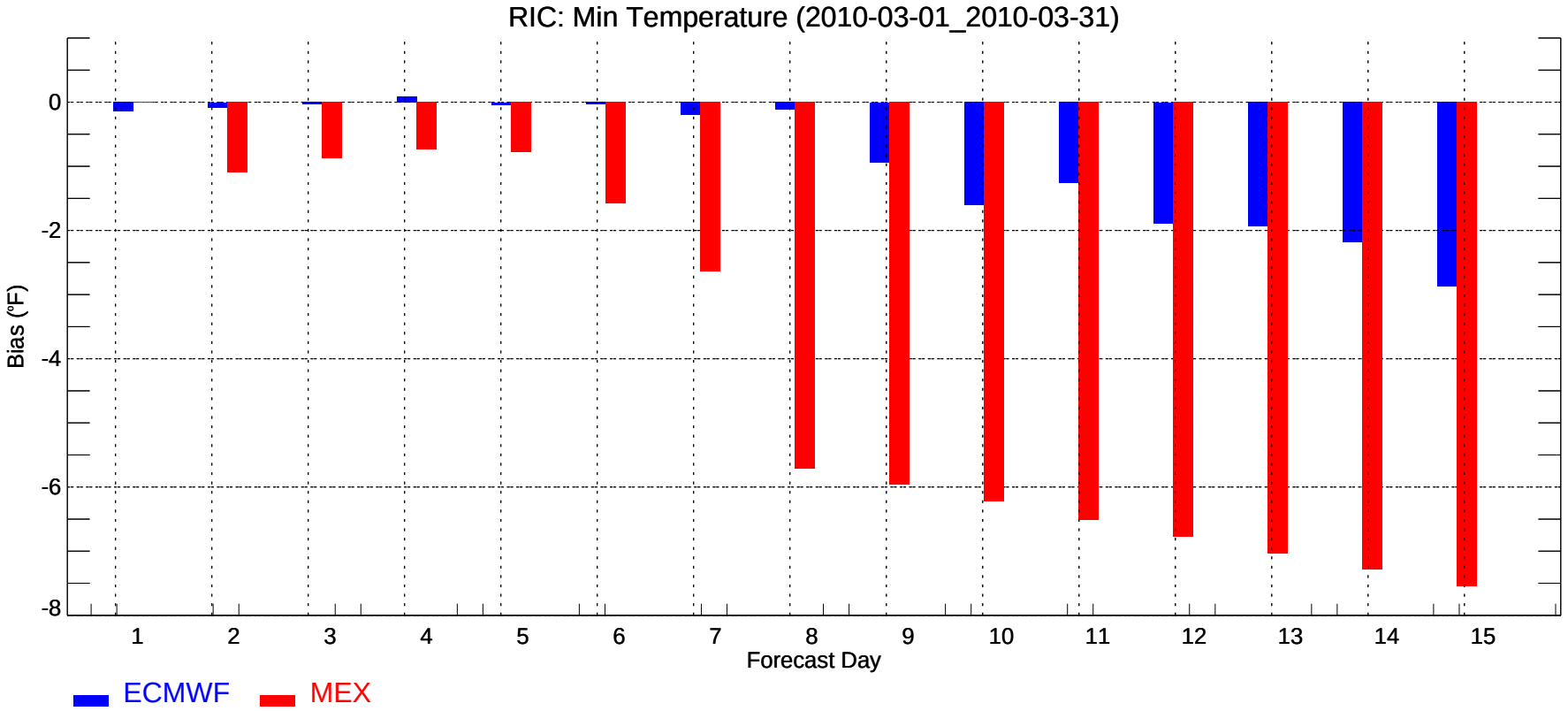

RDU: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

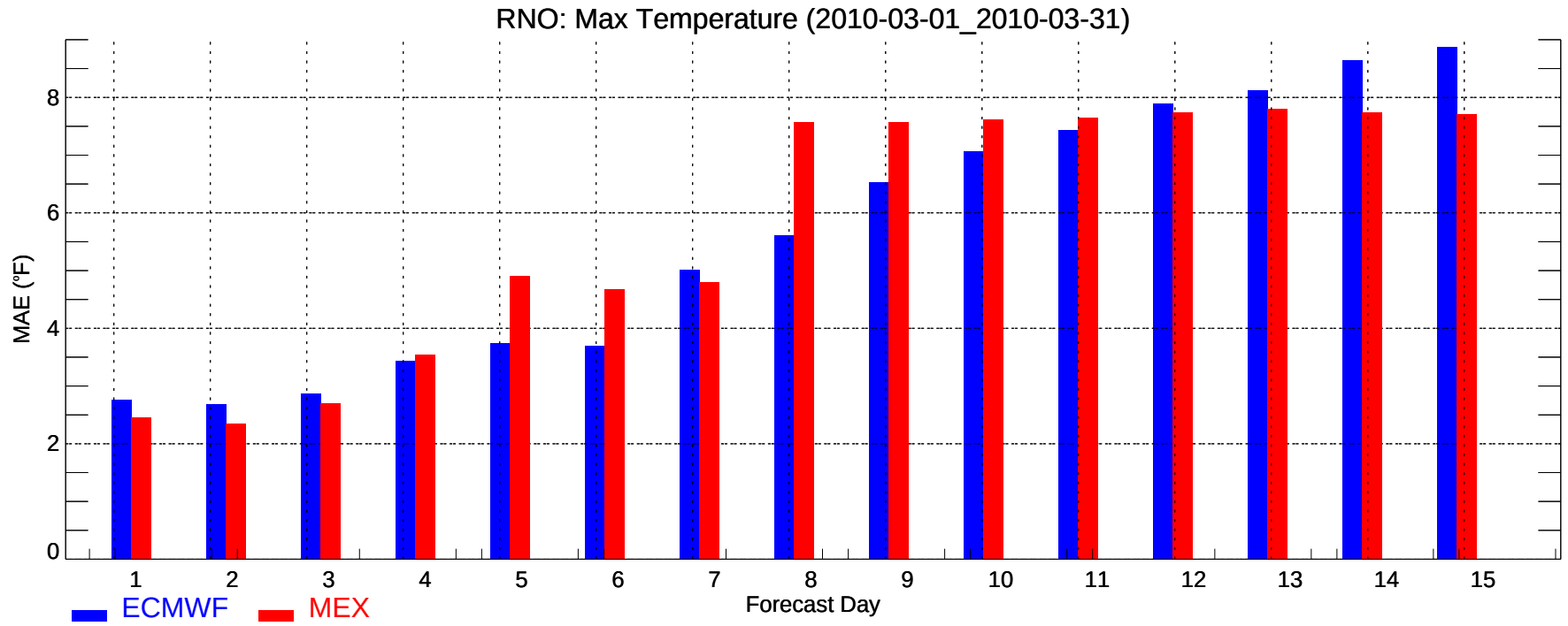

RDU: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

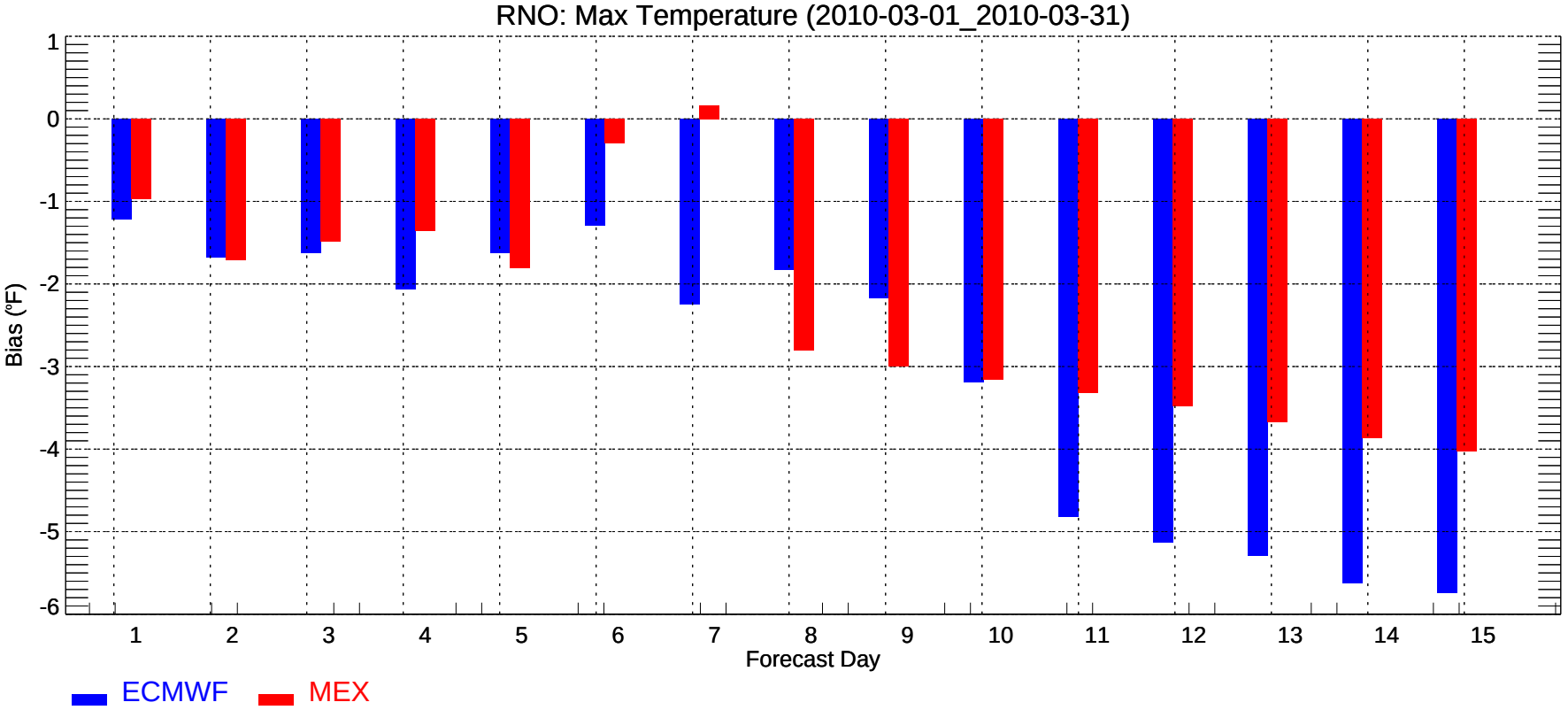

RIC: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

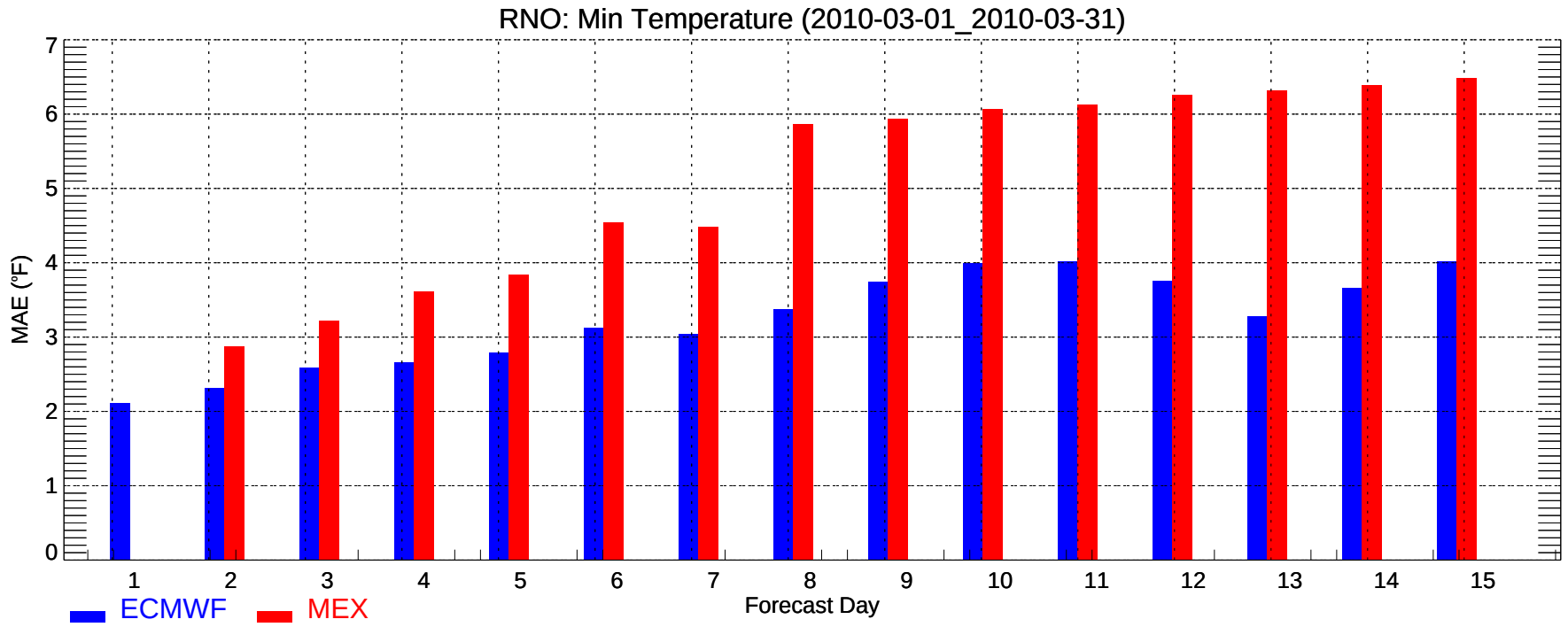

RIC: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RIC: Min Temperature (2010-03-01_2010-03-31)
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


RIC: Min Temperature (2010-03-01_2010-03-31)
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


RNO: Max Temperature (2010-03-01_2010-03-31)
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


RNO: Max Temperature (2010-03-01_2010-03-31)
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


RNO: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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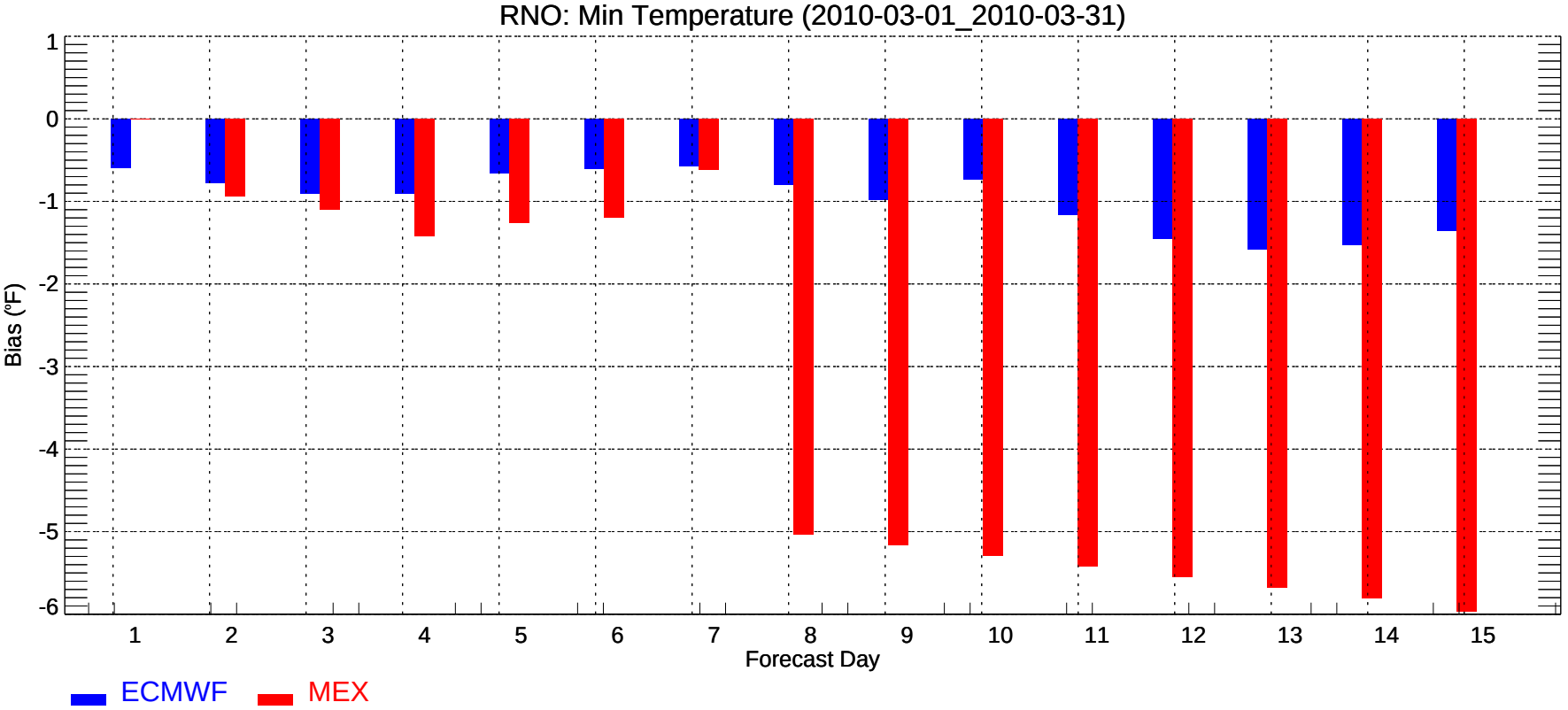
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RNO: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
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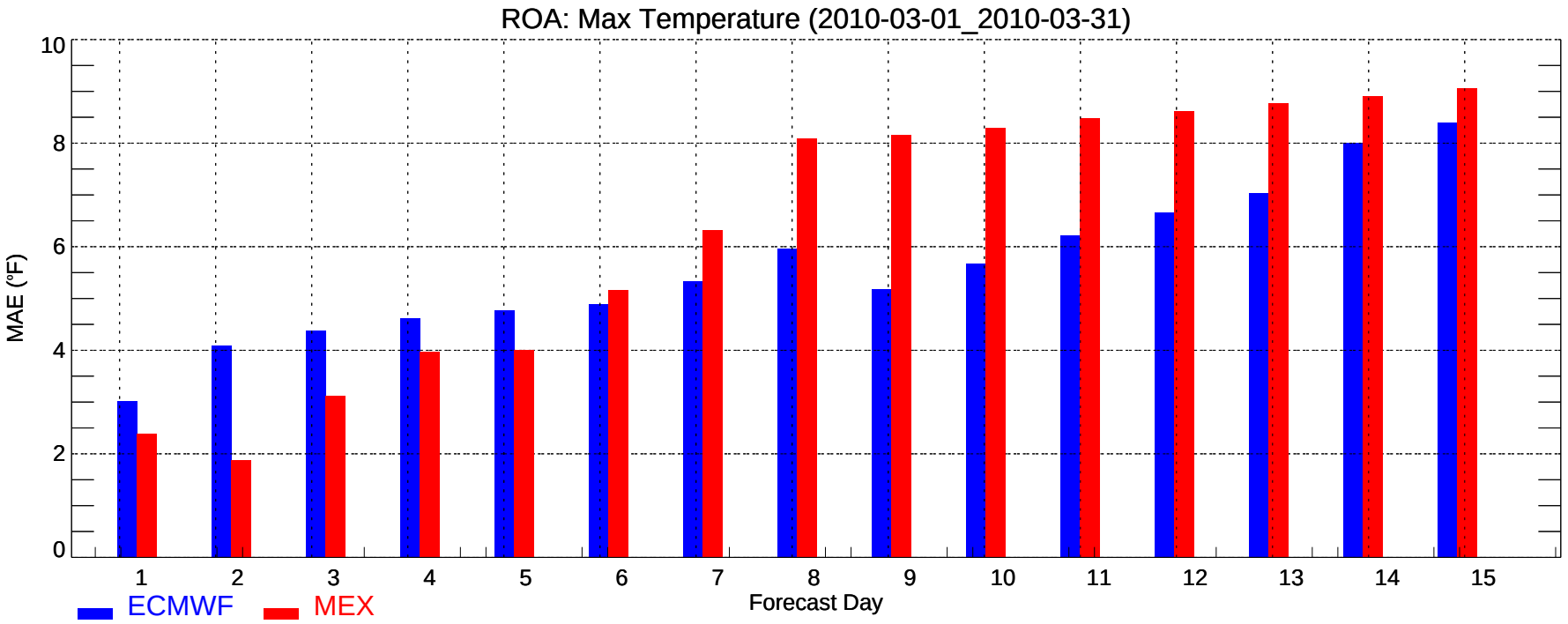
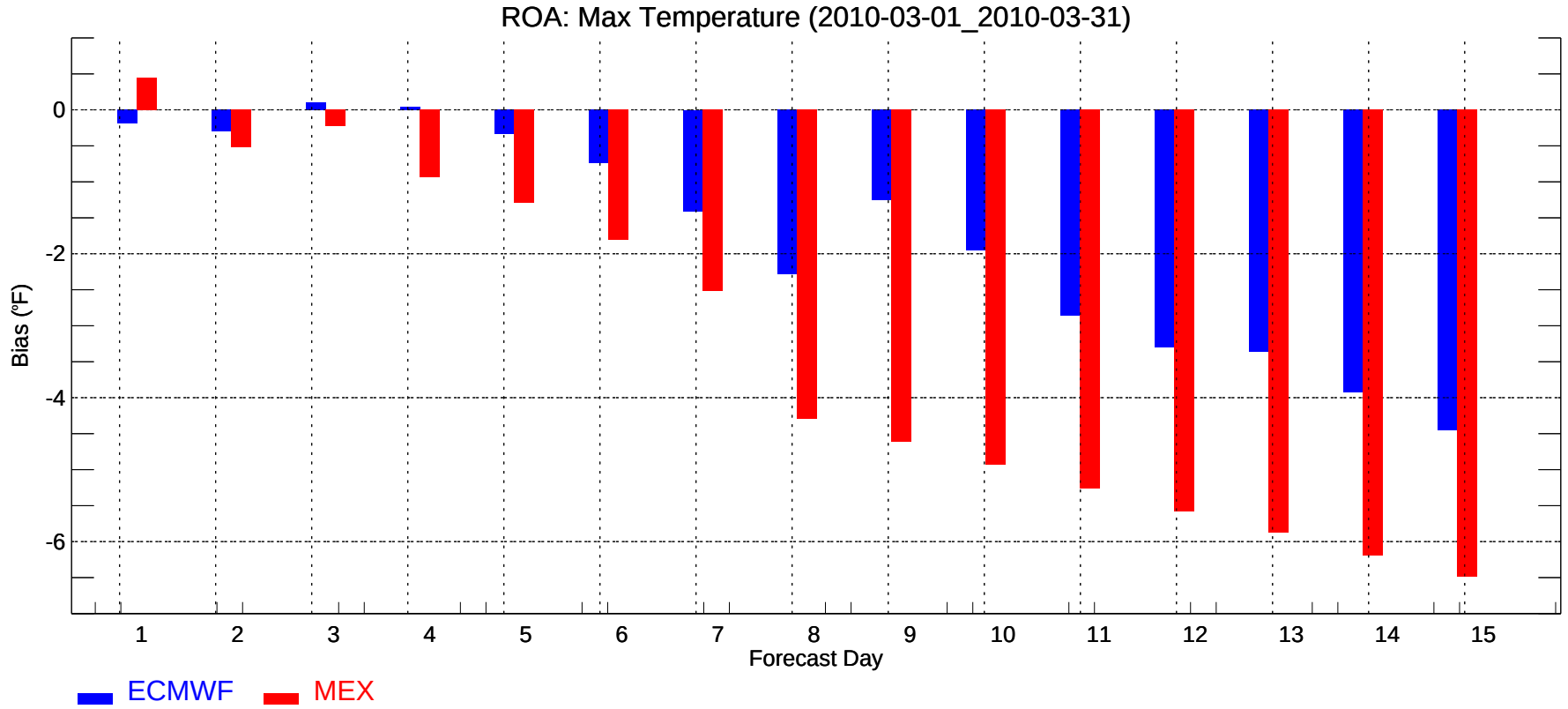
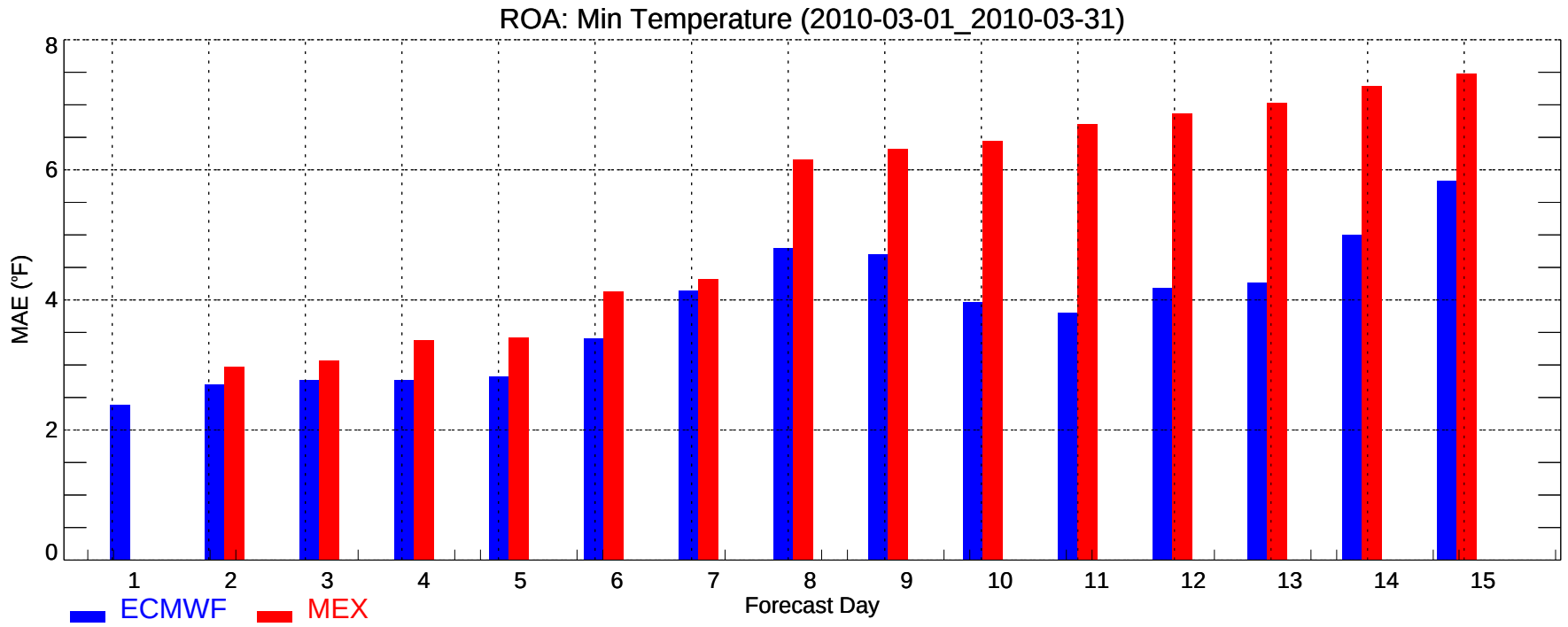
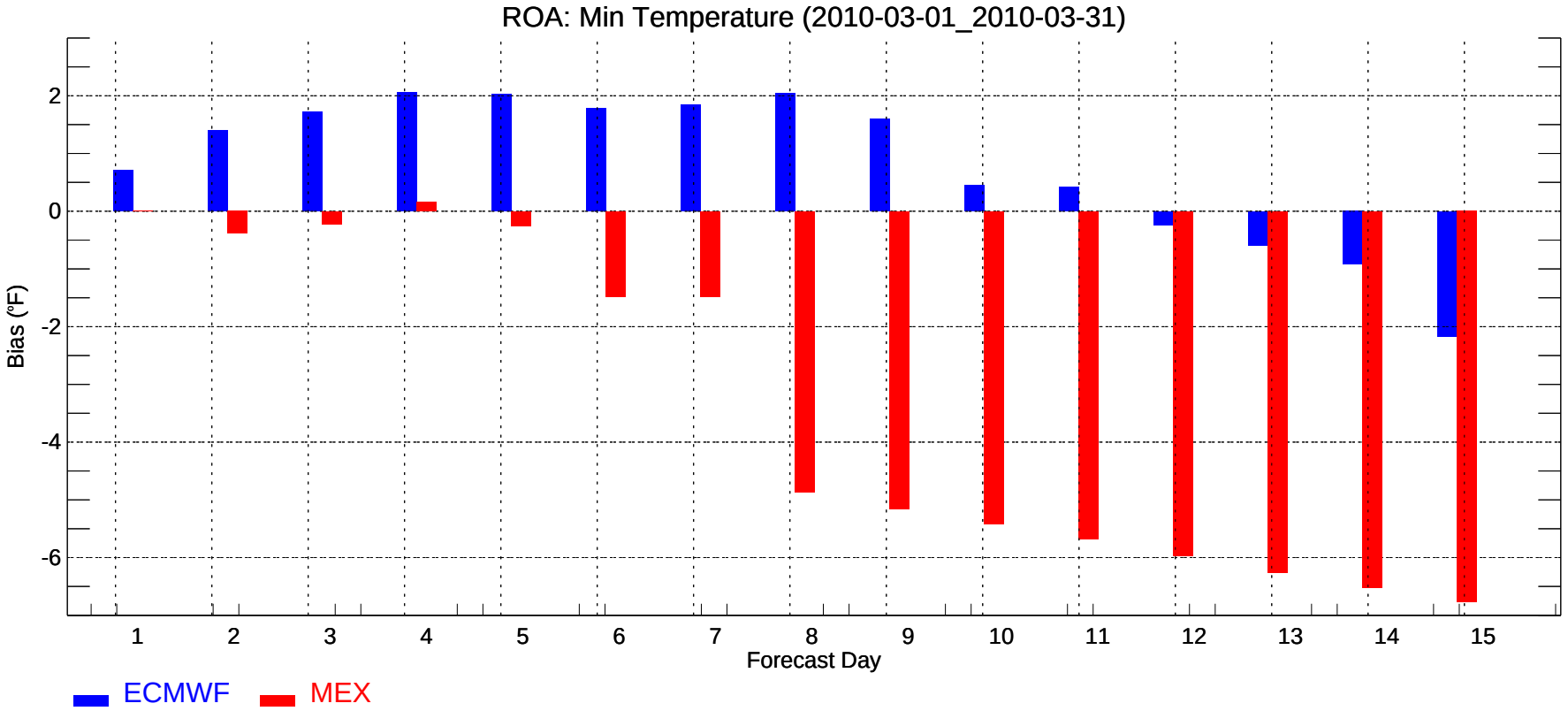
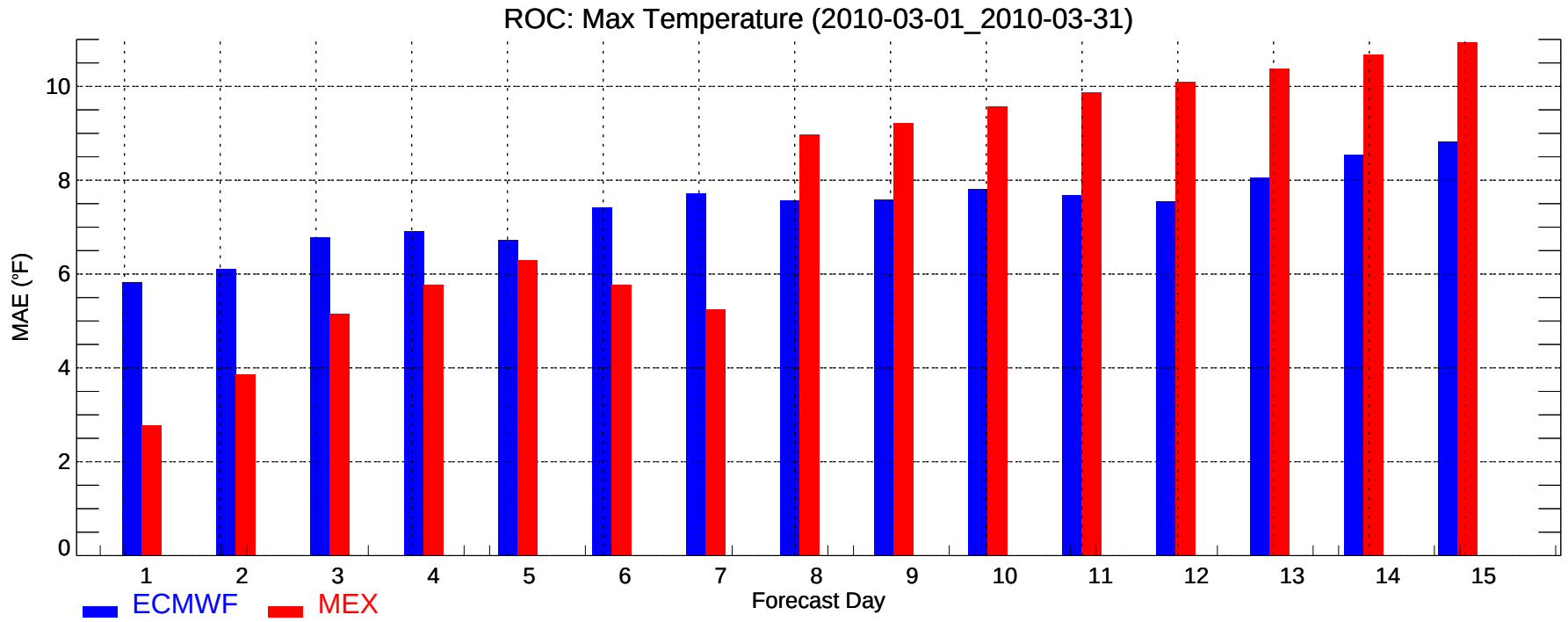
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

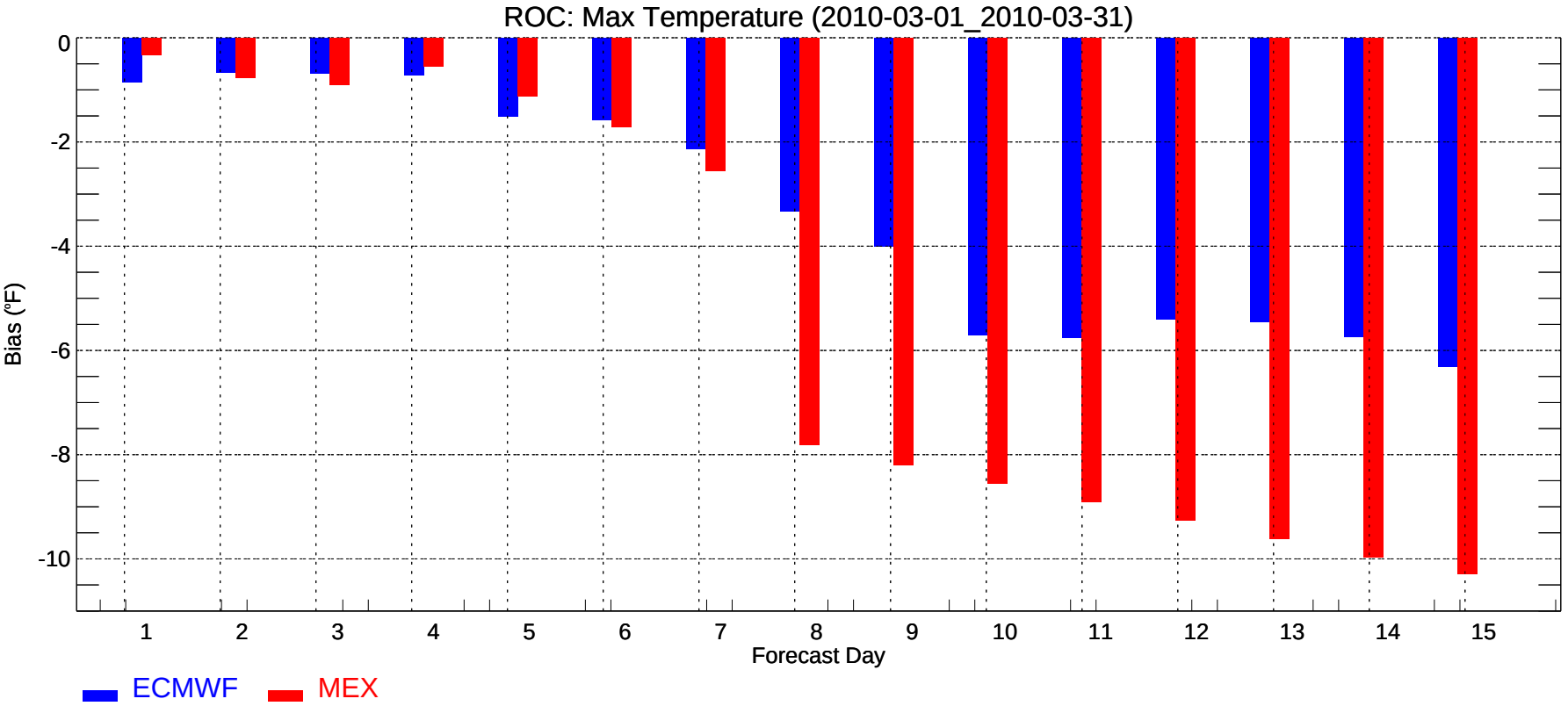

ROA: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

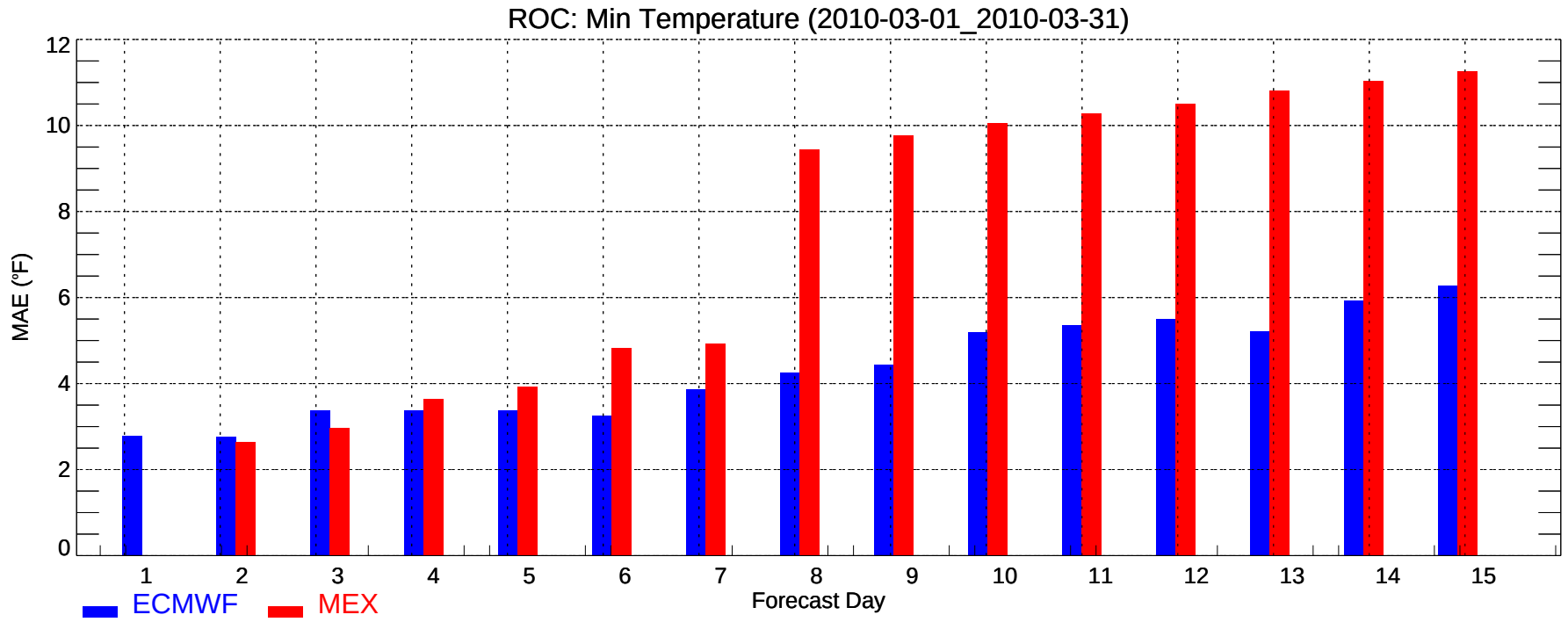

ROA: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

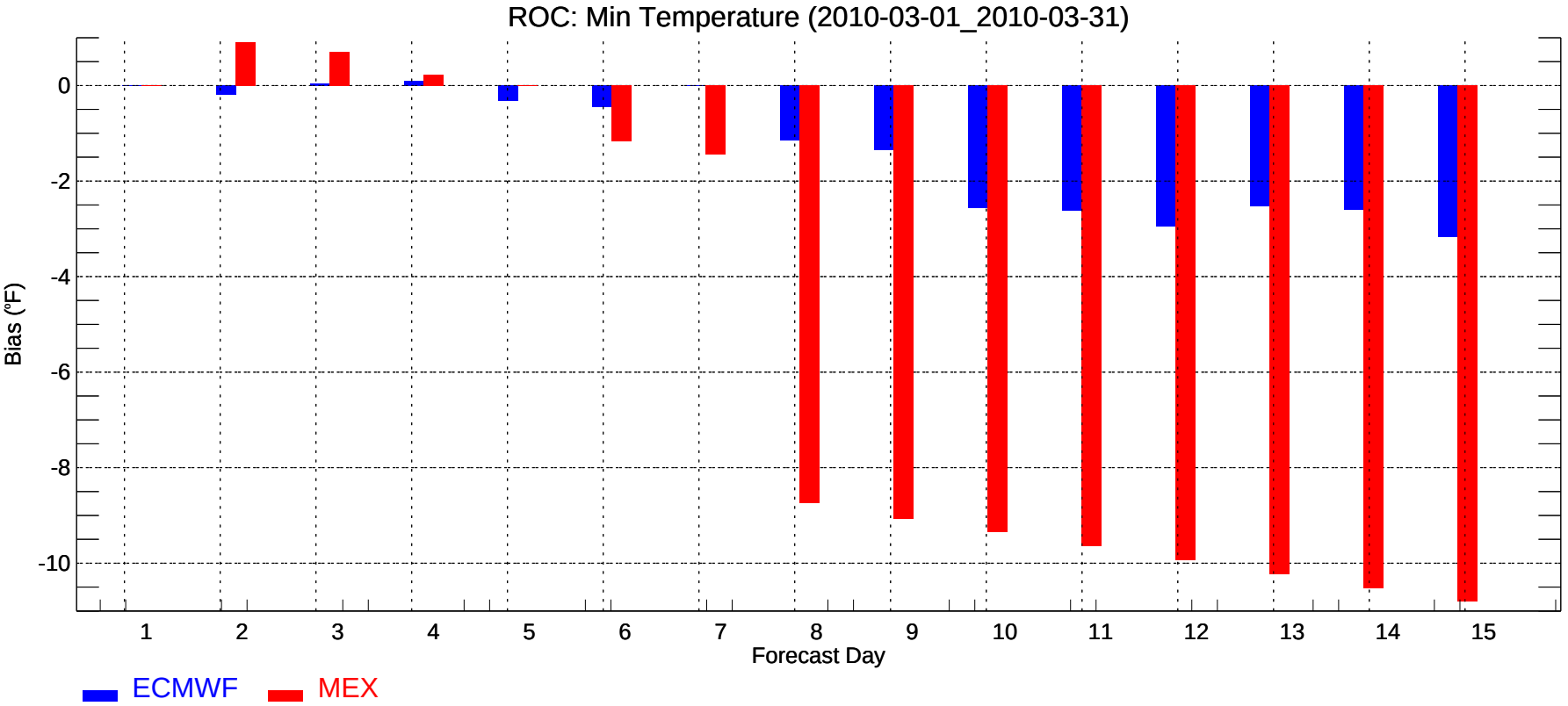

ROA: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

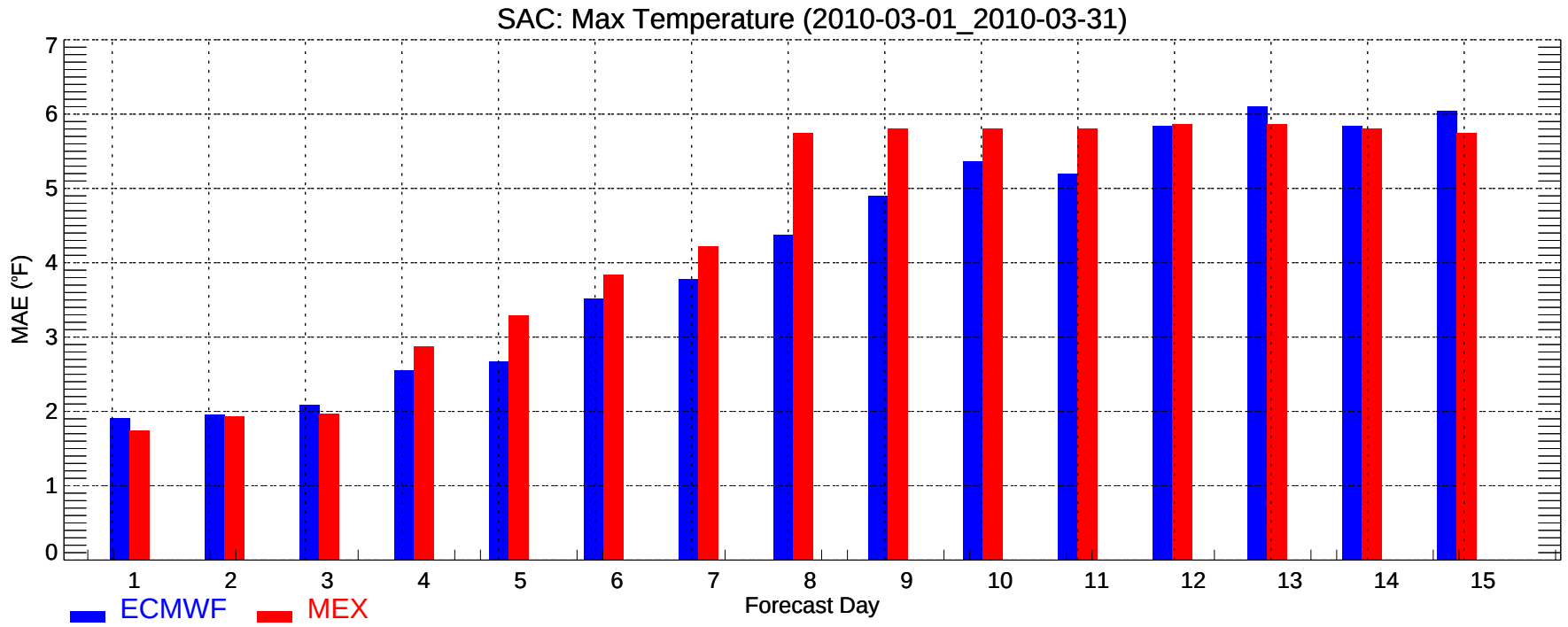

ROA: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

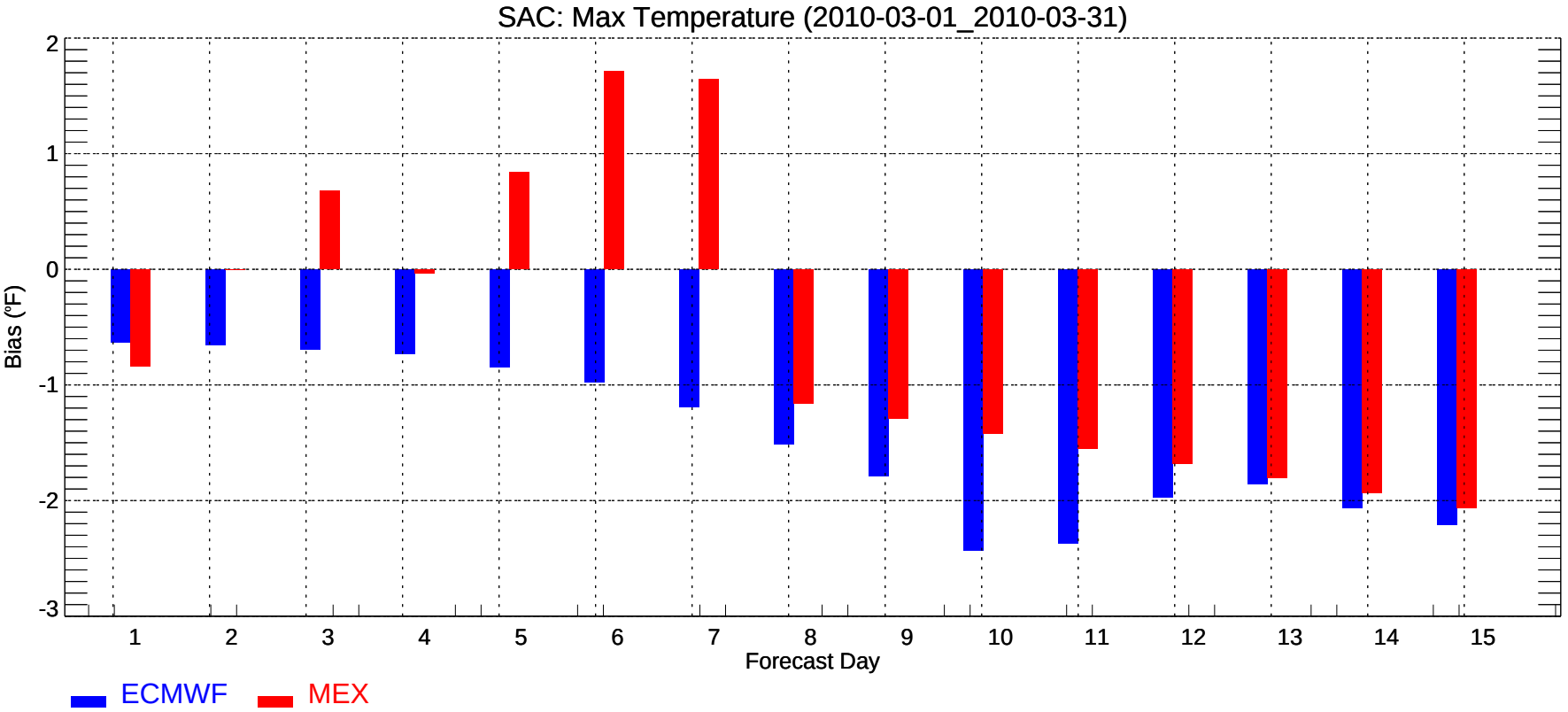

ROC: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

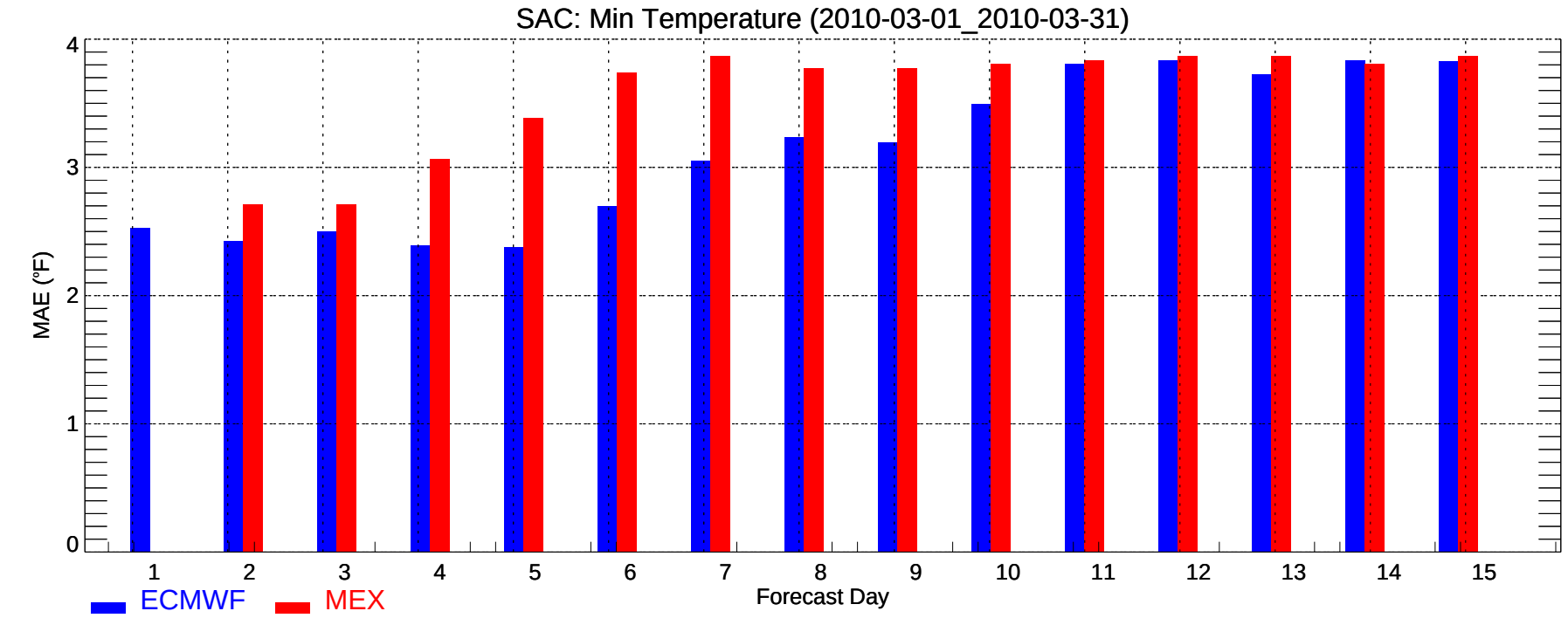

ROC: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

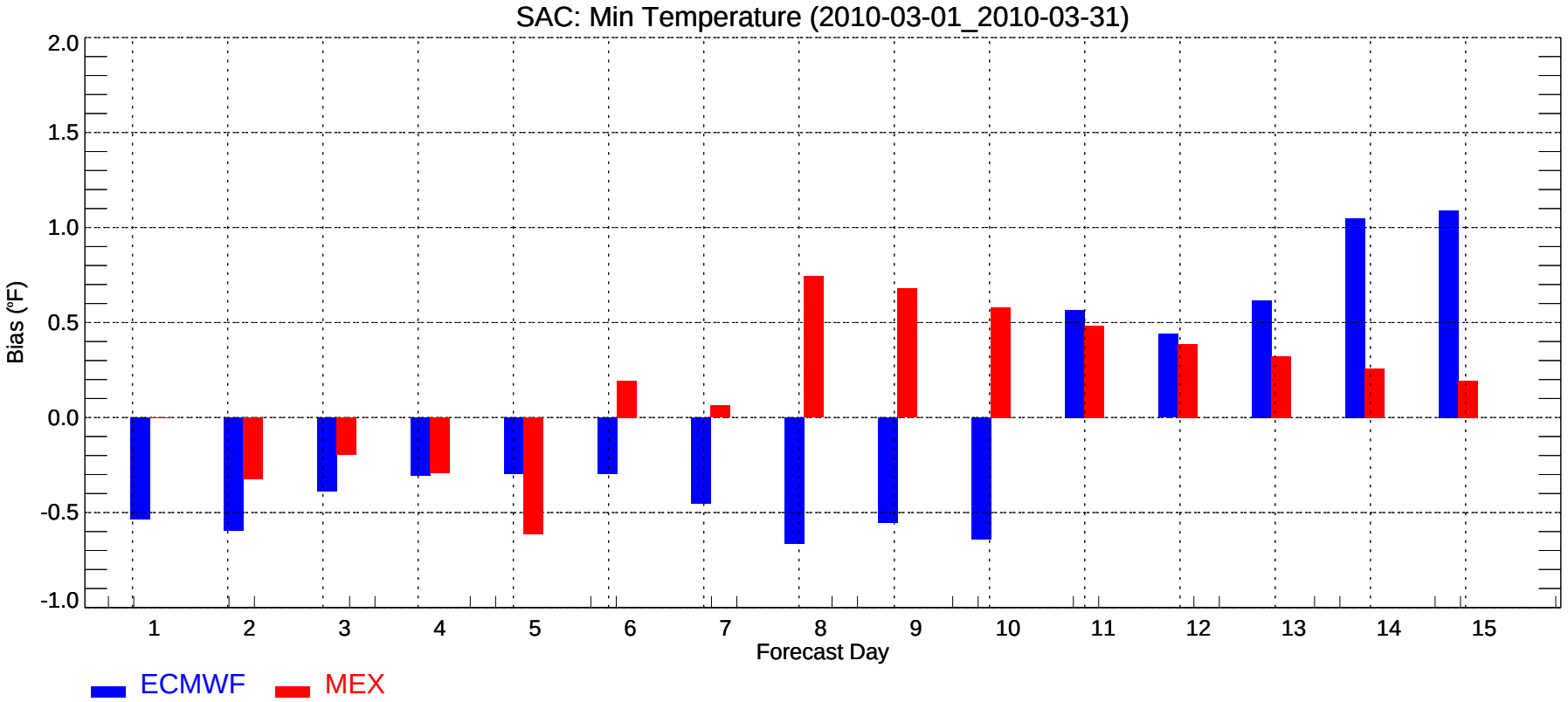

ROC: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

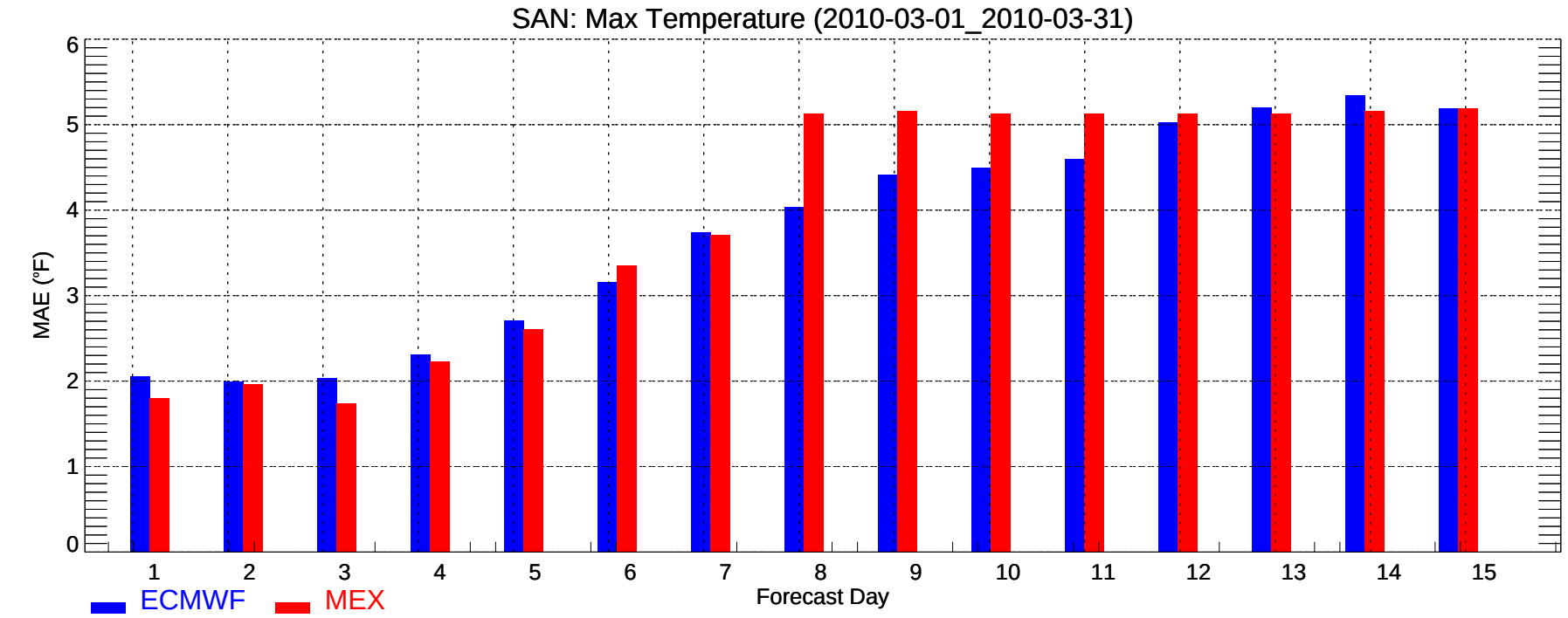

ROC: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

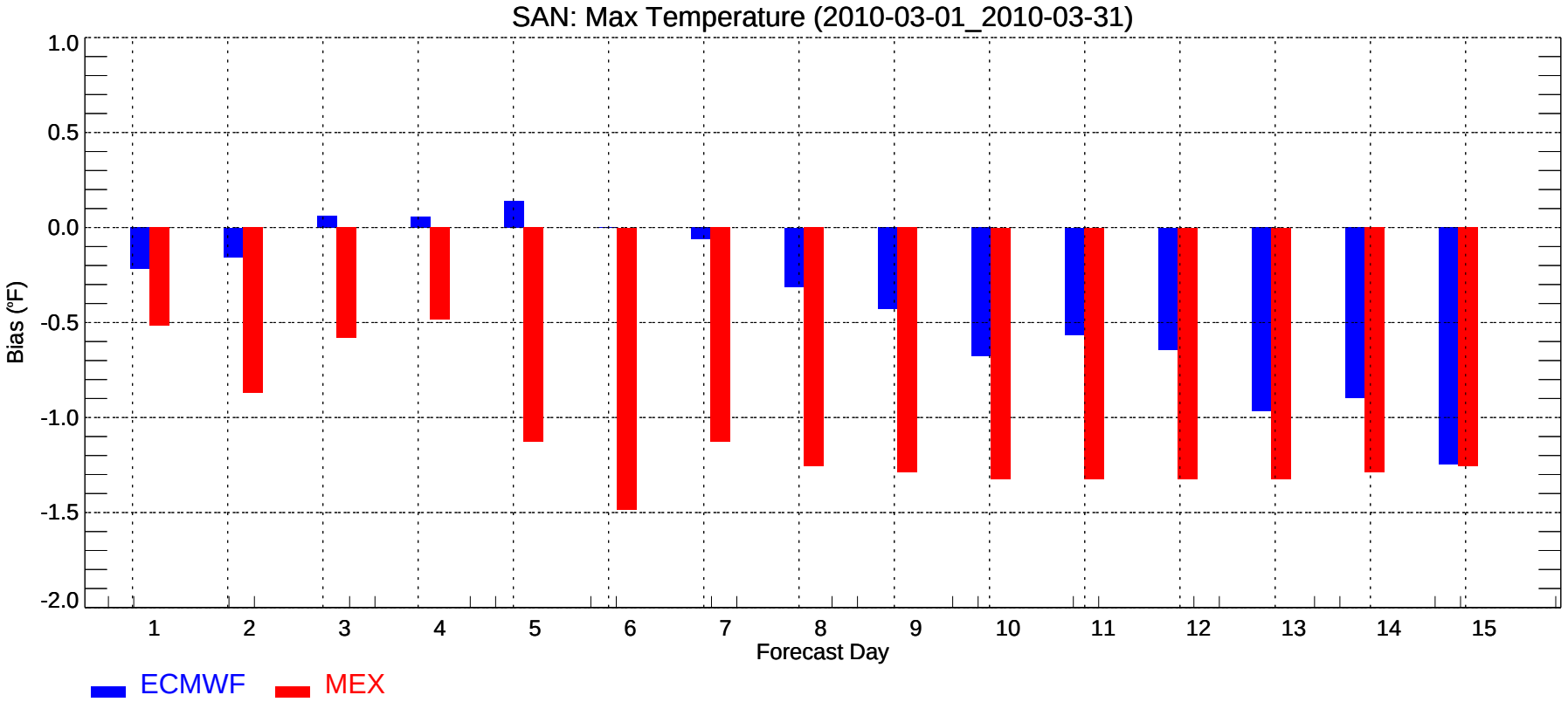

SAC: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

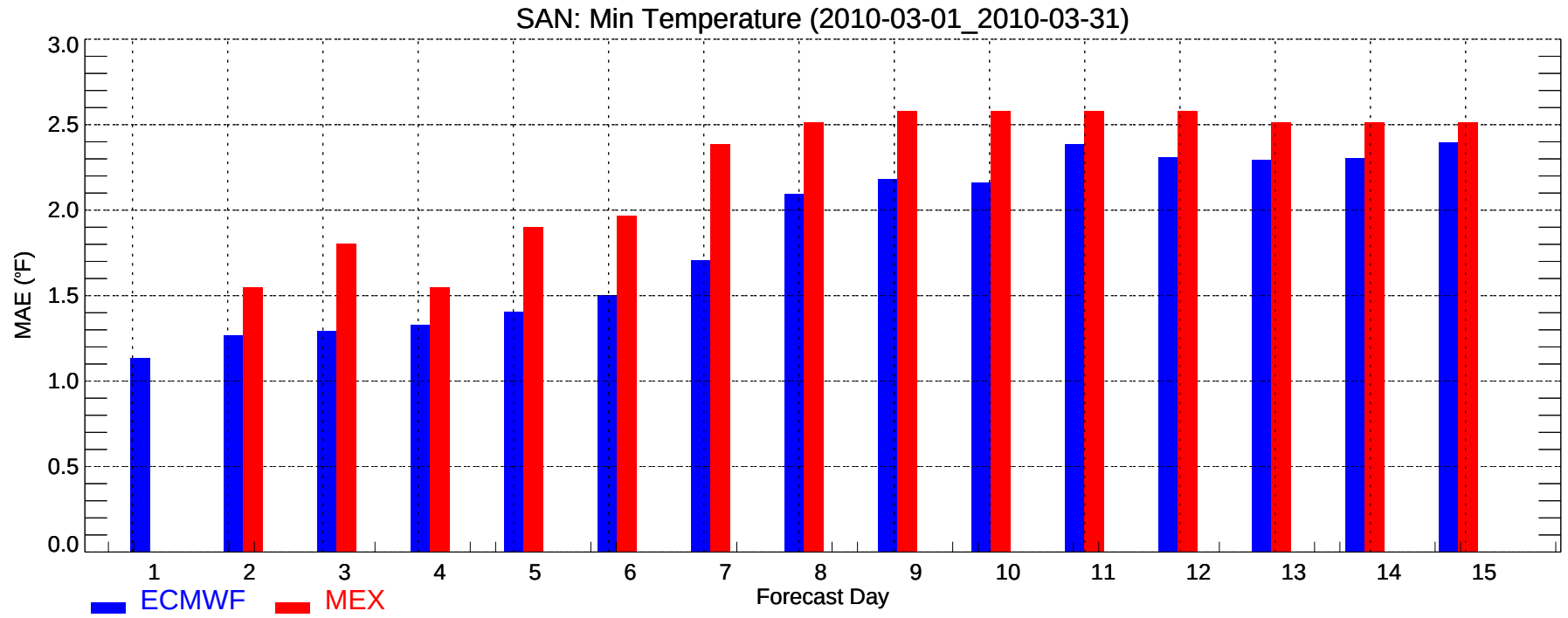

SAC: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

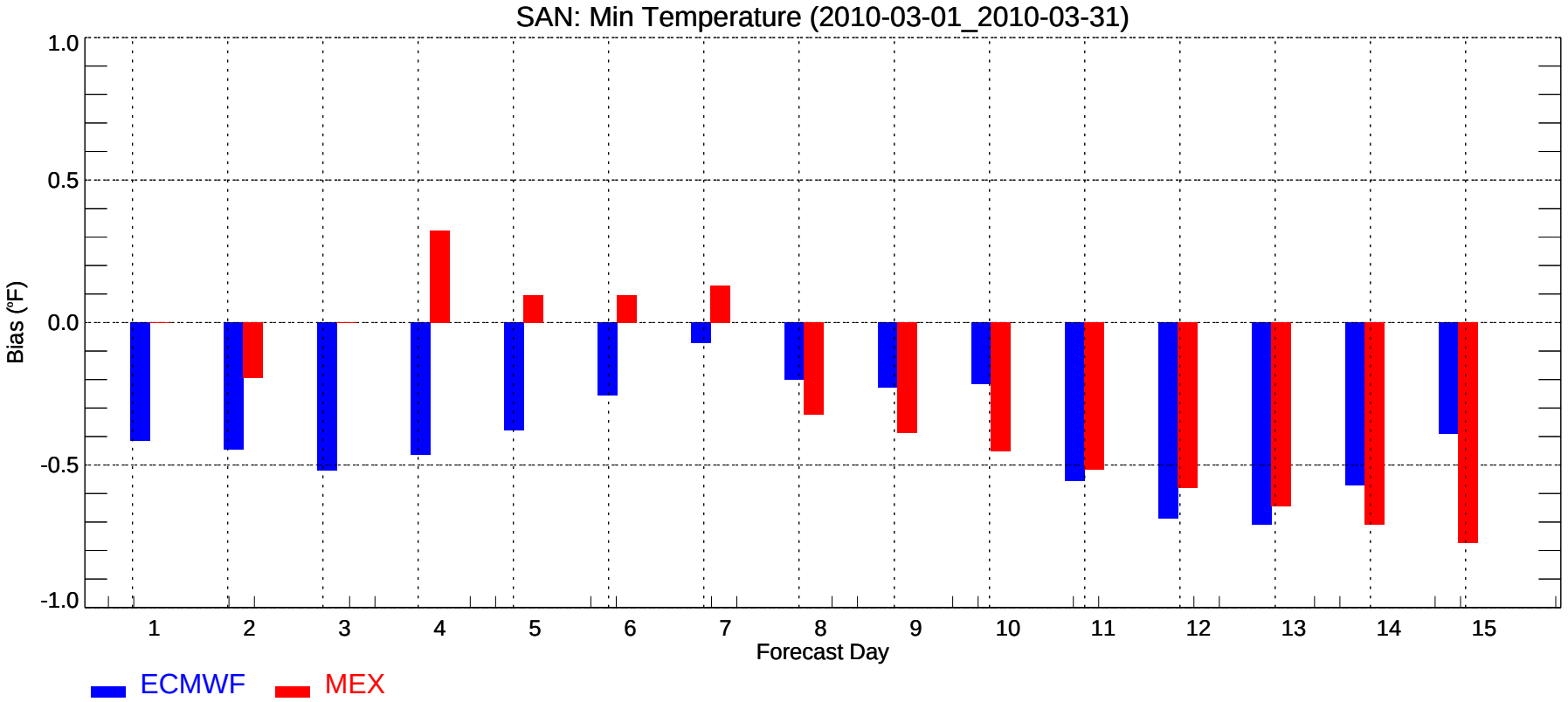

SAC: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAC: Min Temperature (2010-03-01_2010-03-31)
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


SAN: Max Temperature (2010-03-01_2010-03-31)
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


SAN: Max Temperature (2010-03-01_2010-03-31)
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


SAN: Min Temperature (2010-03-01_2010-03-31)
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


SAN: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
1.0
0.5
0.0
-0.5
-1.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
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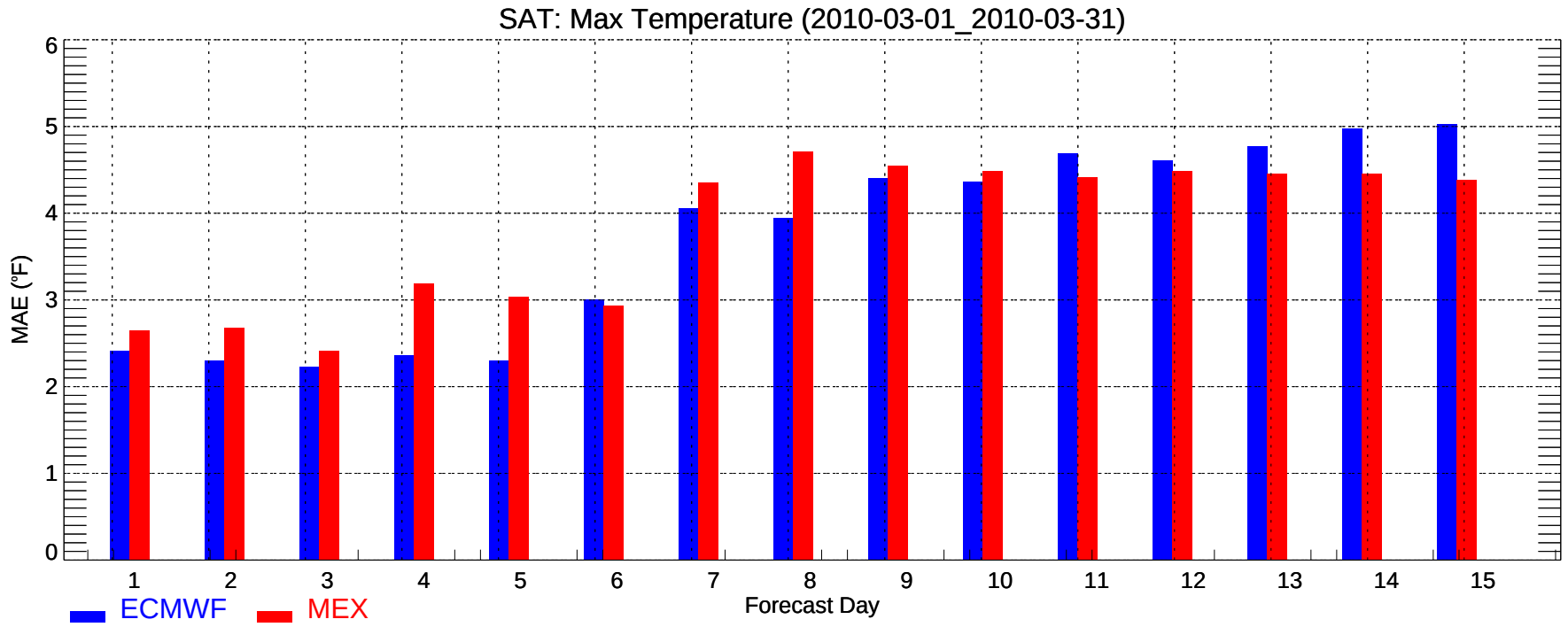
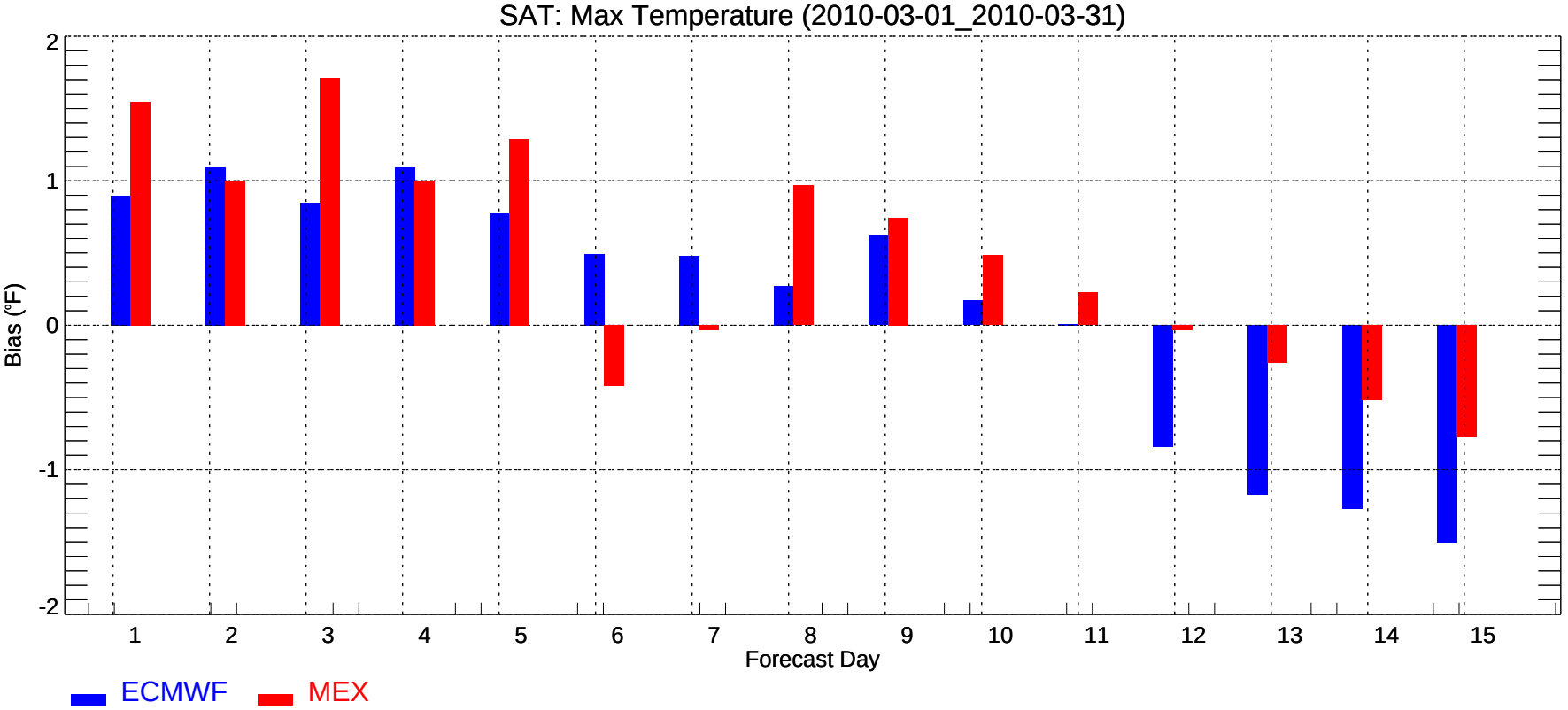
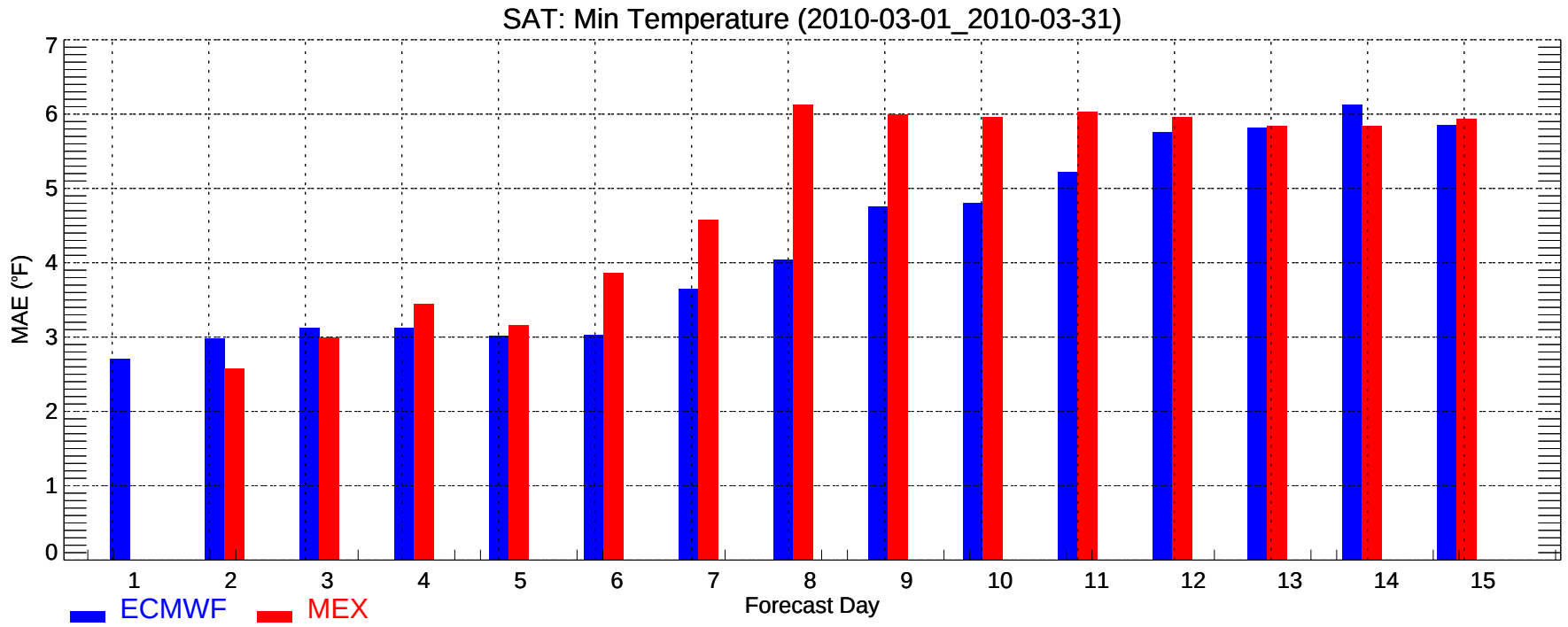
Forecast Day
ECMWF
MEX


SAT: Max Temperature (2010-03-01_2010-03-31)
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


SAT: Max Temperature (2010-03-01_2010-03-31)
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


SAT: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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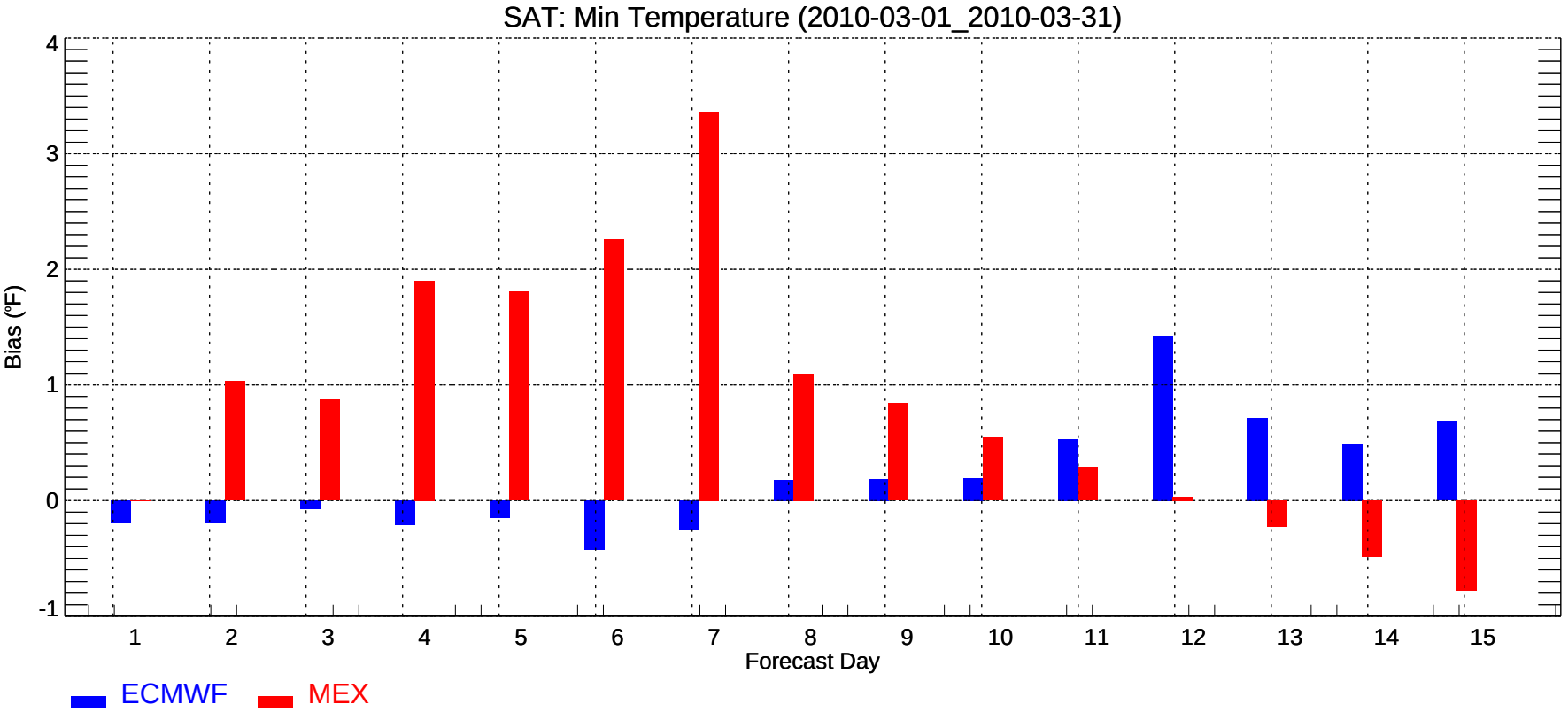
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAT: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
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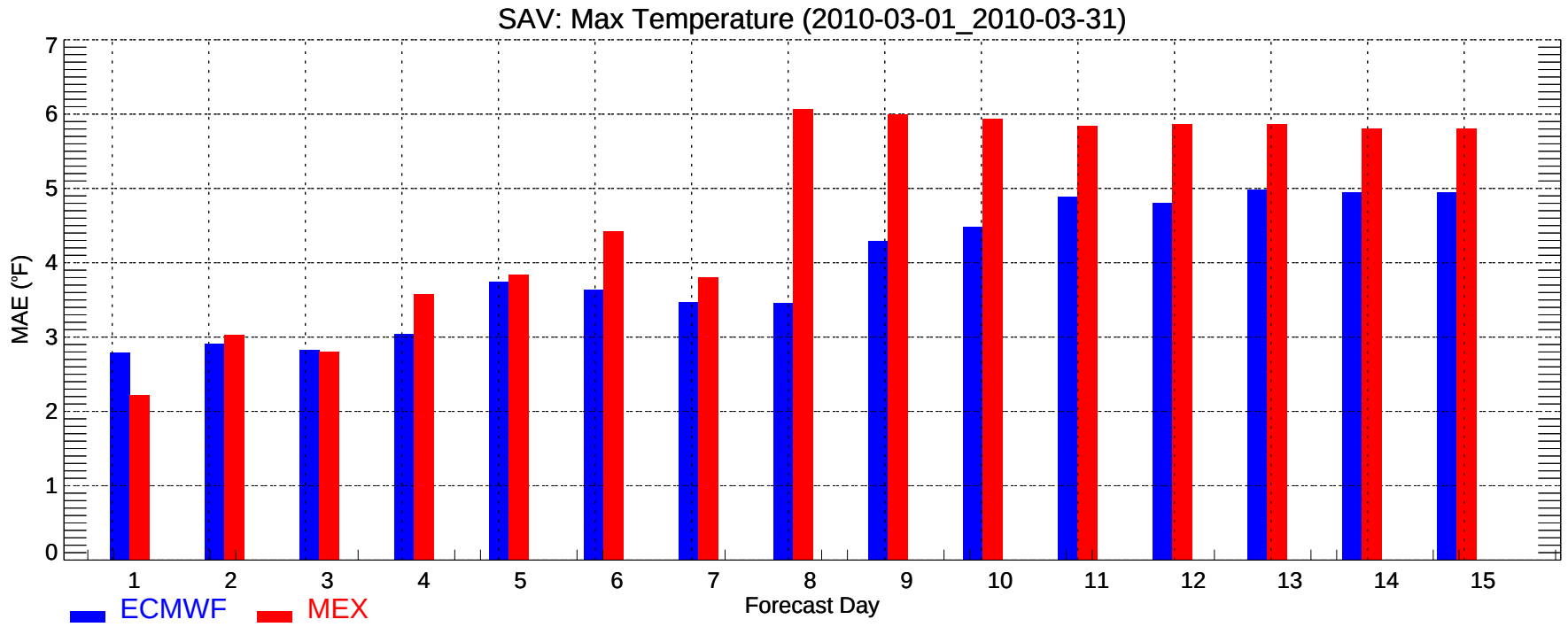
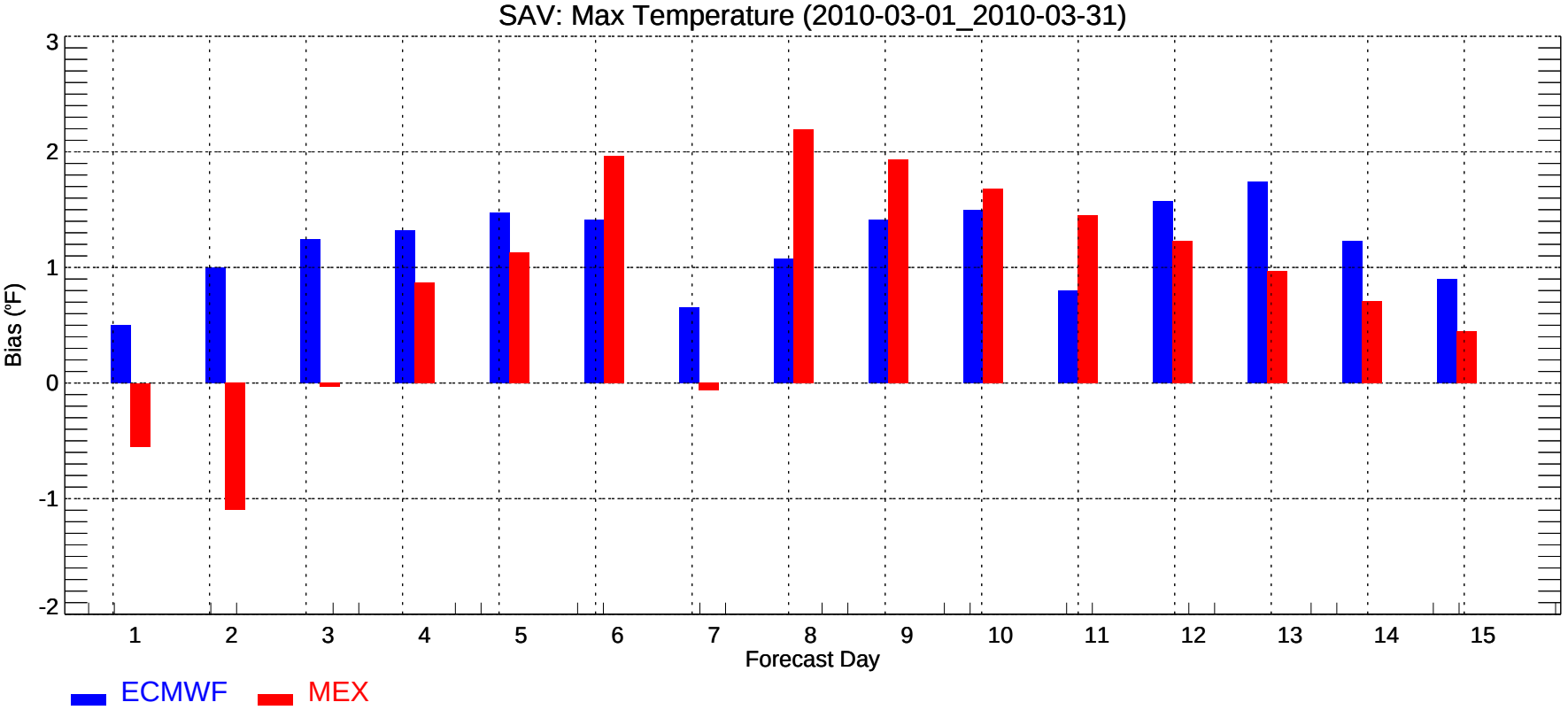
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAV: Max Temperature (2010-03-01_2010-03-31)
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


SAV: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
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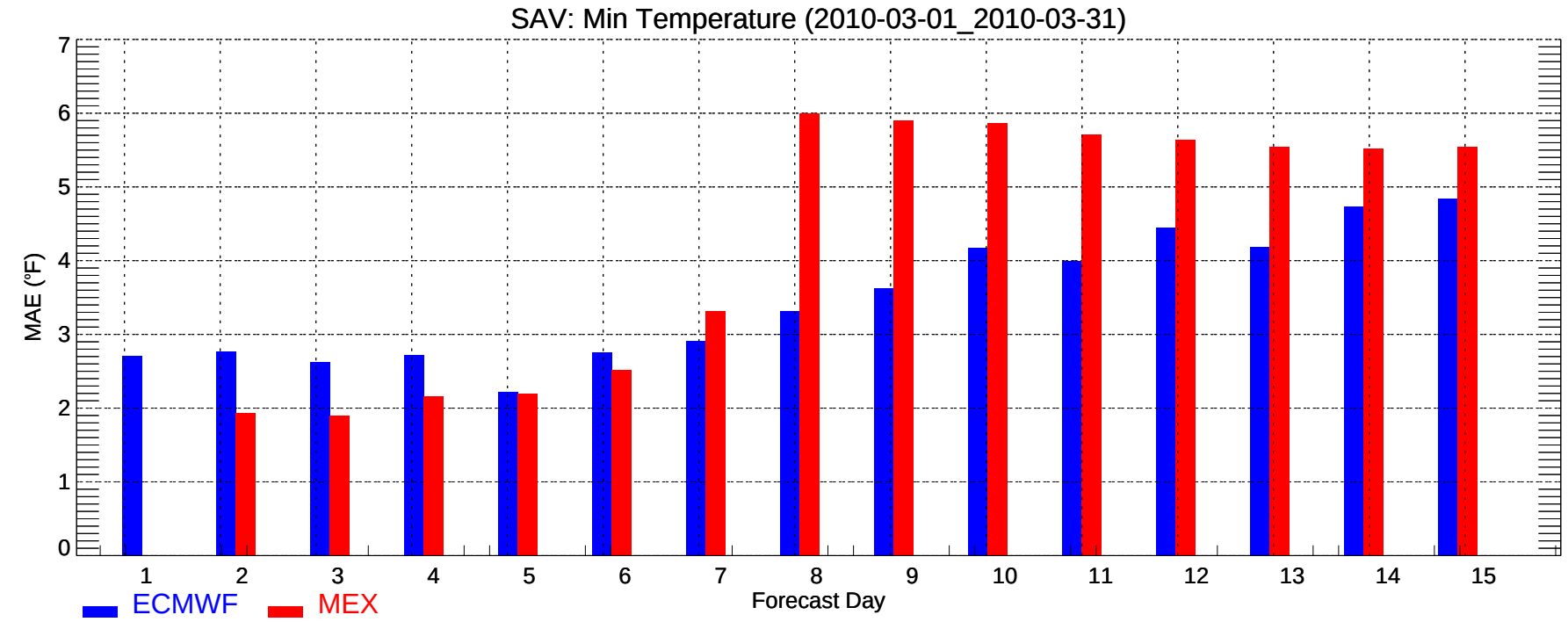
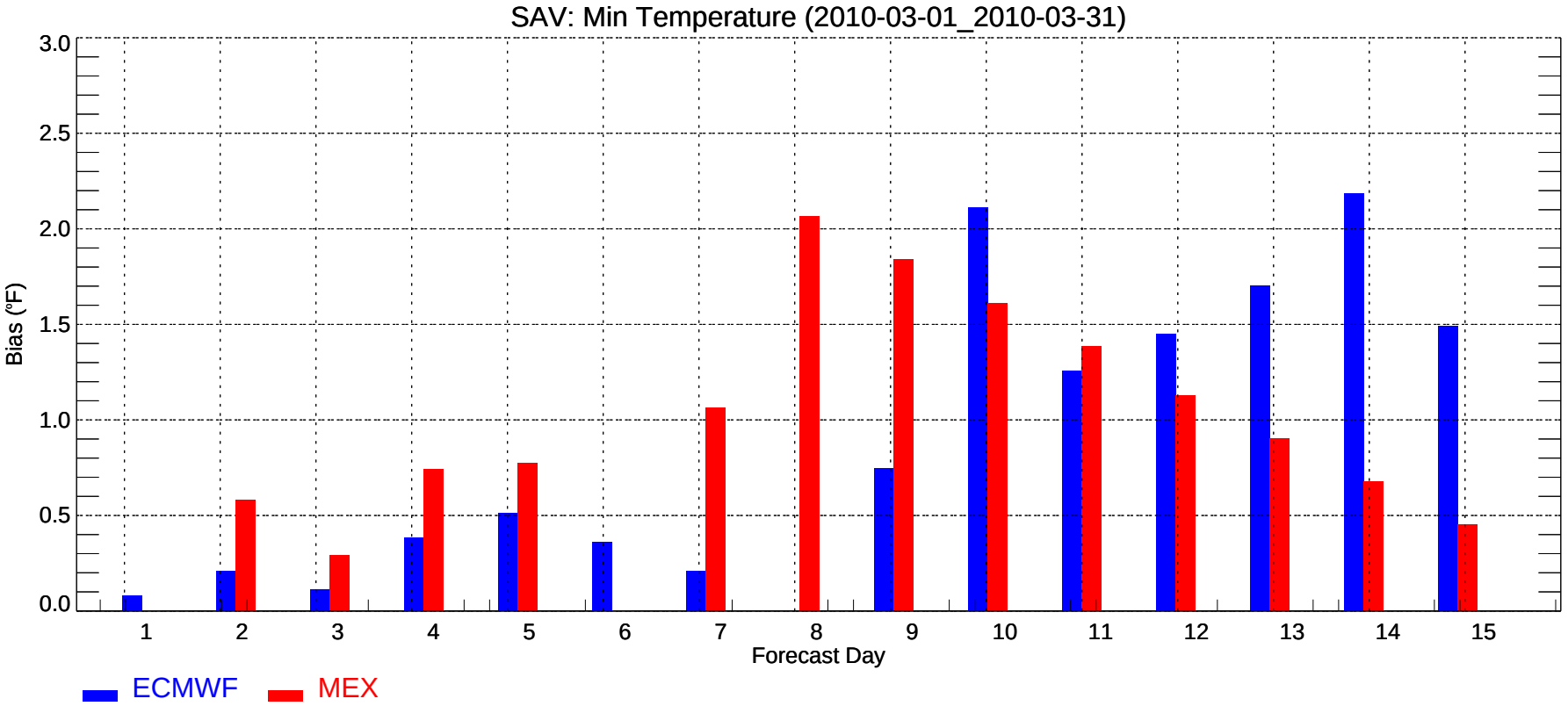
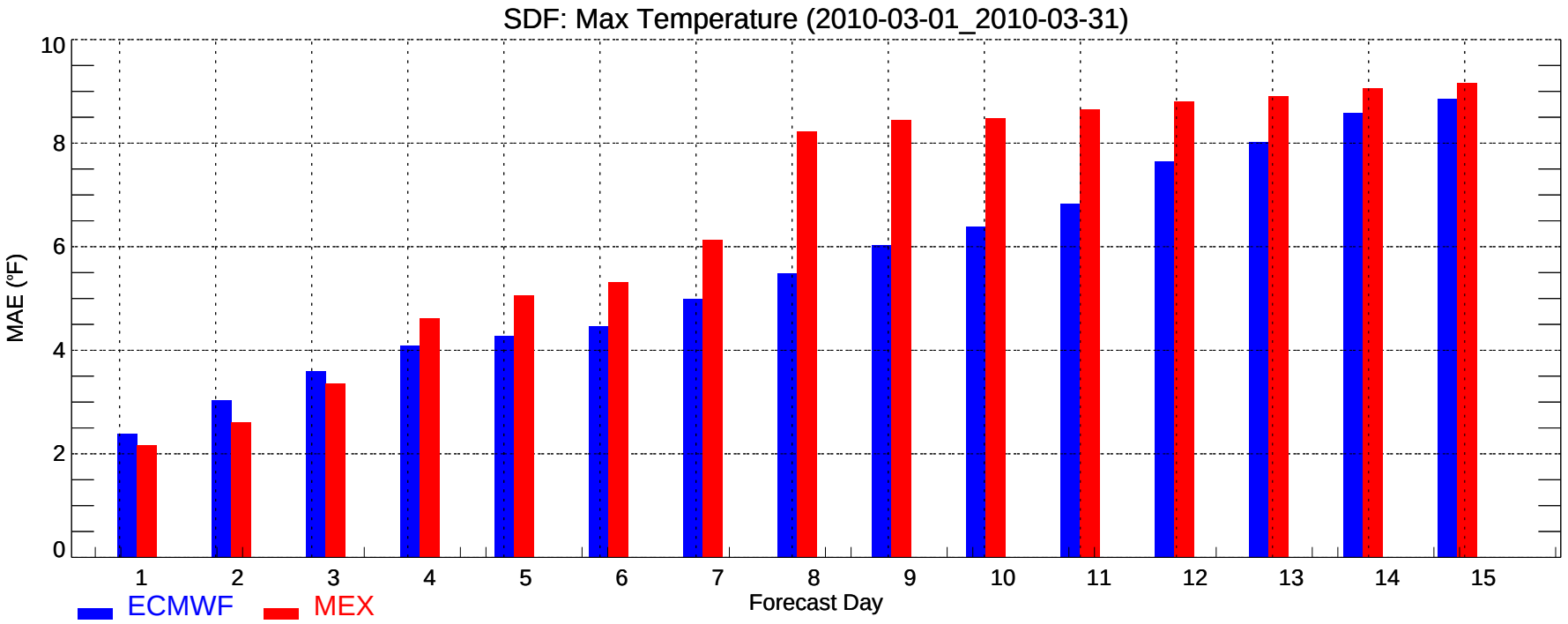
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAV: Min Temperature (2010-03-01_2010-03-31)
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


SAV: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SDF: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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11
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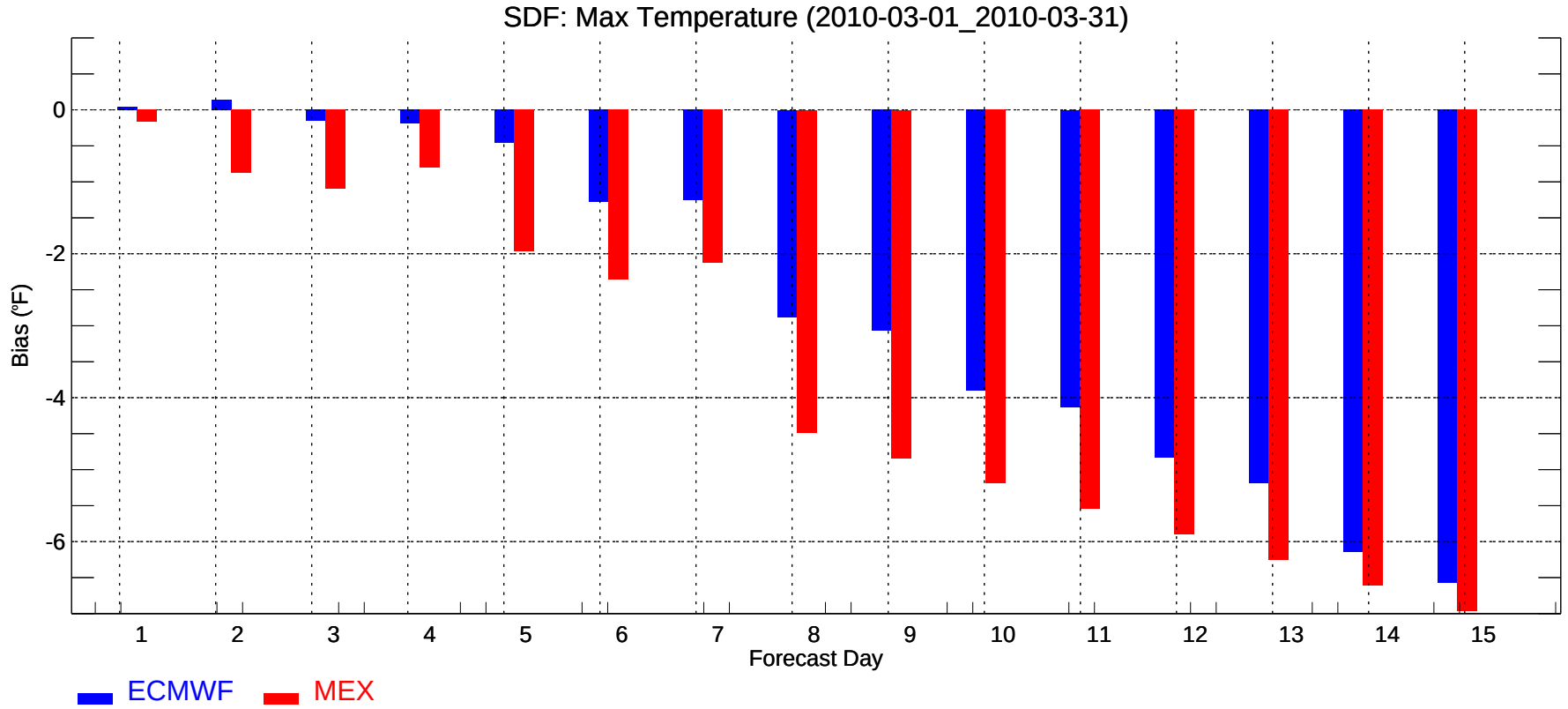
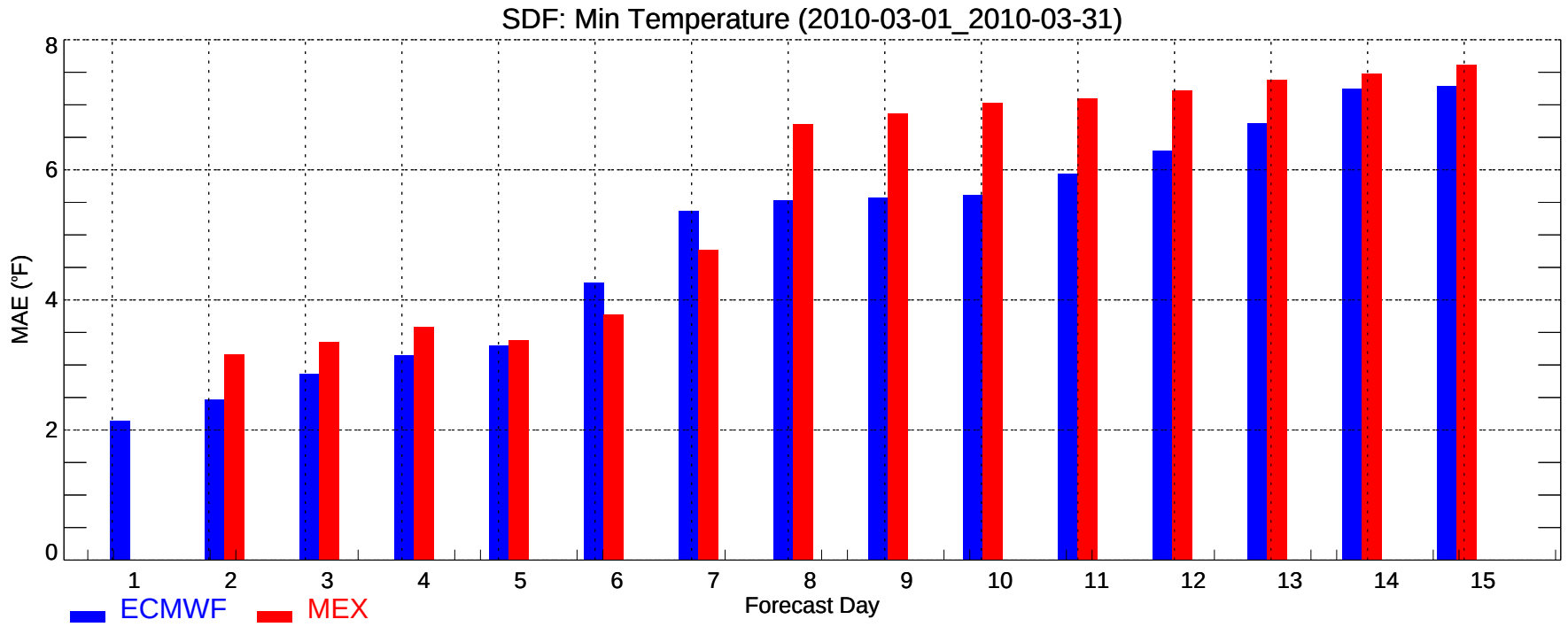
13
14
15
Forecast Day
ECMWF
MEX


SDF: Max Temperature (2010-03-01_2010-03-31)
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


SDF: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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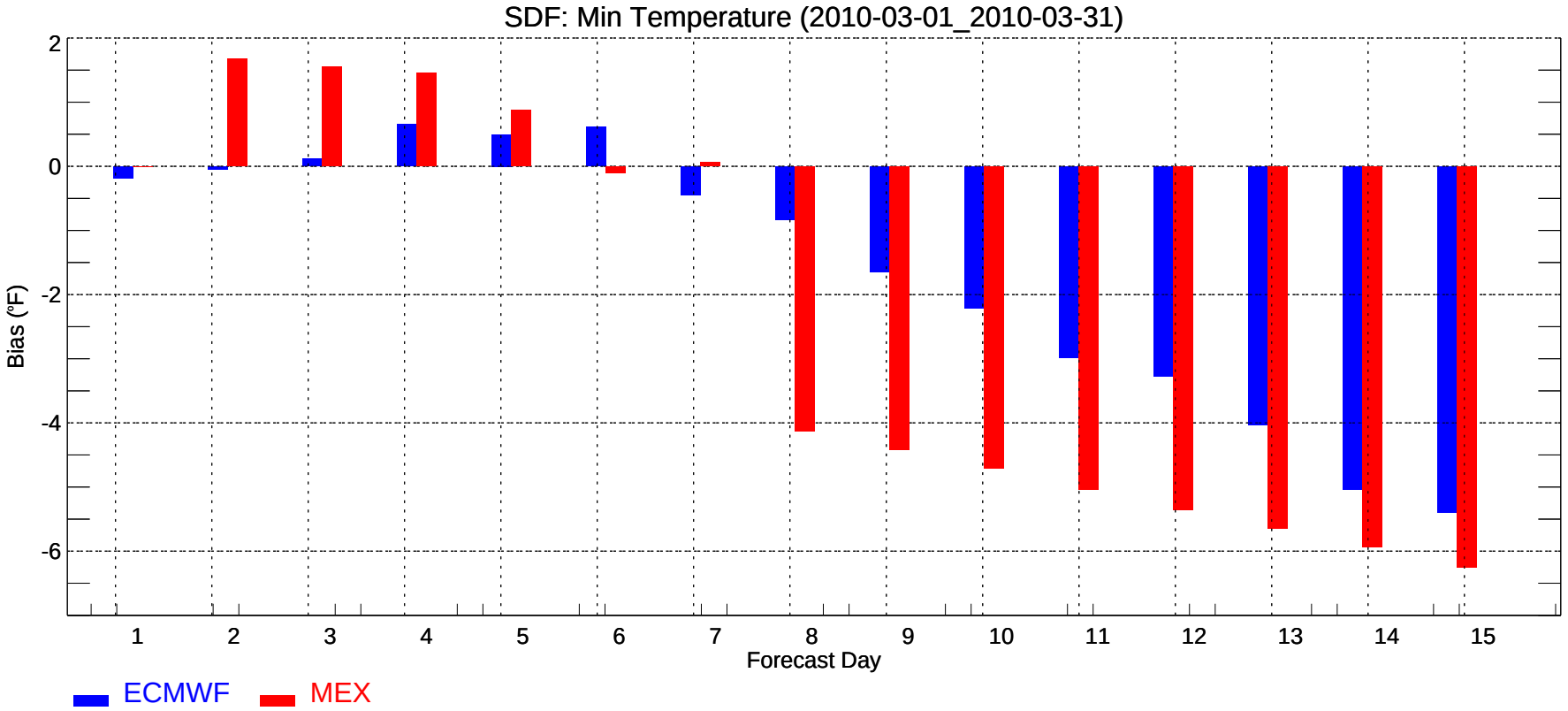
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SDF: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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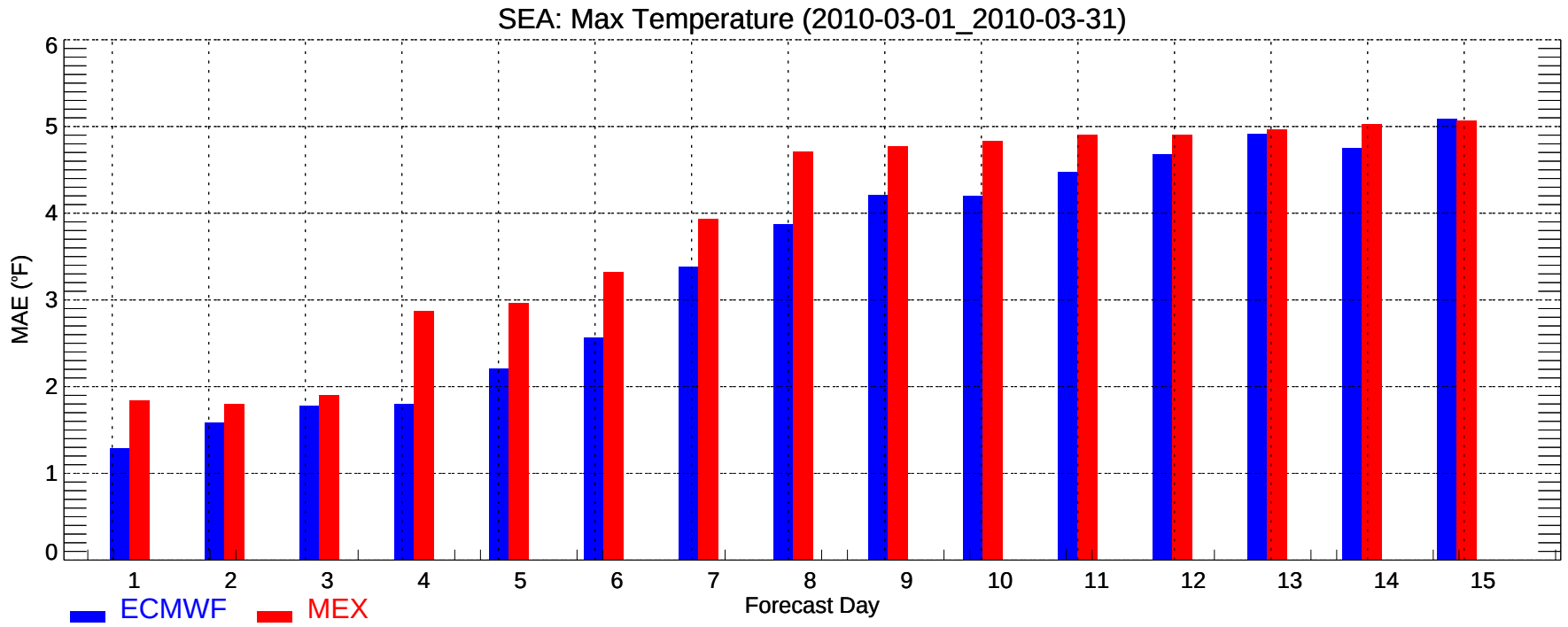
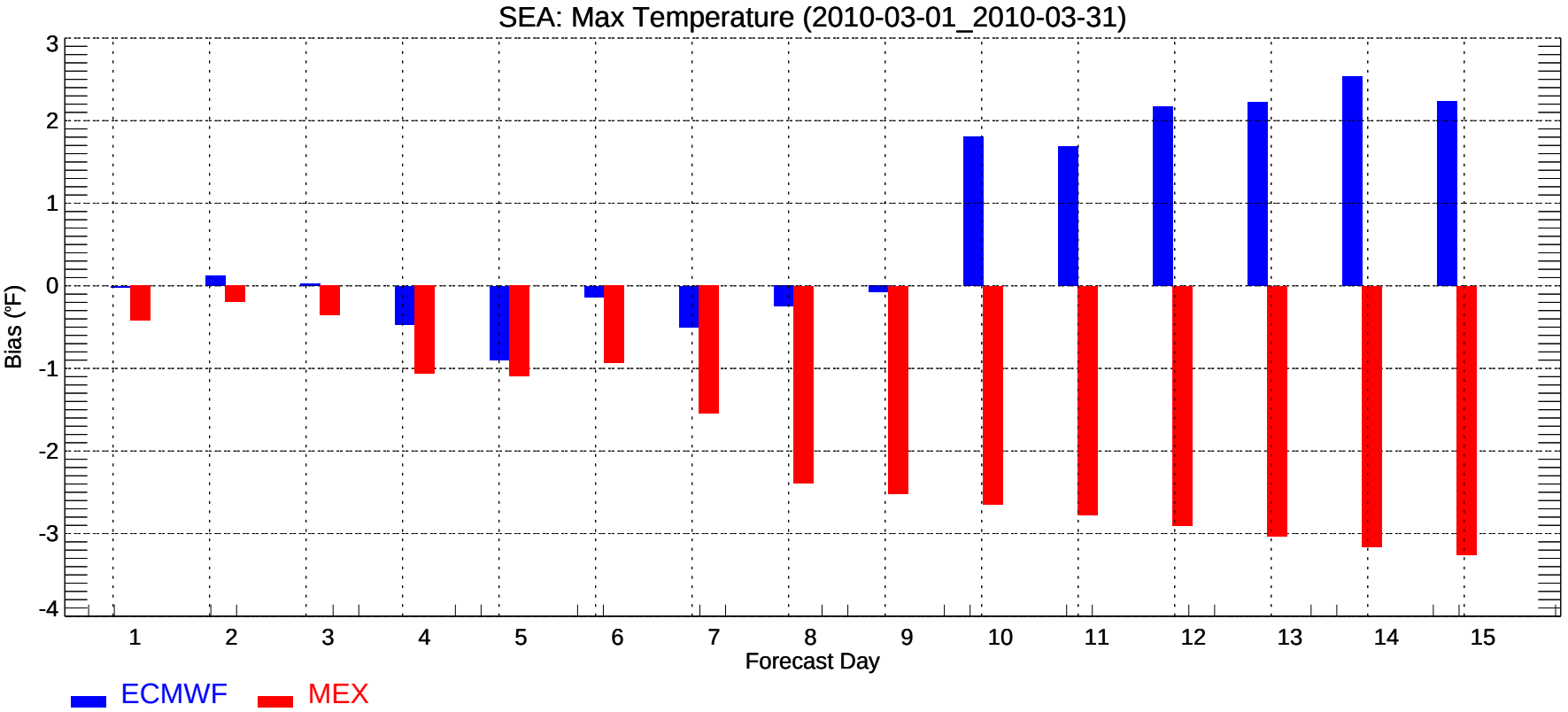
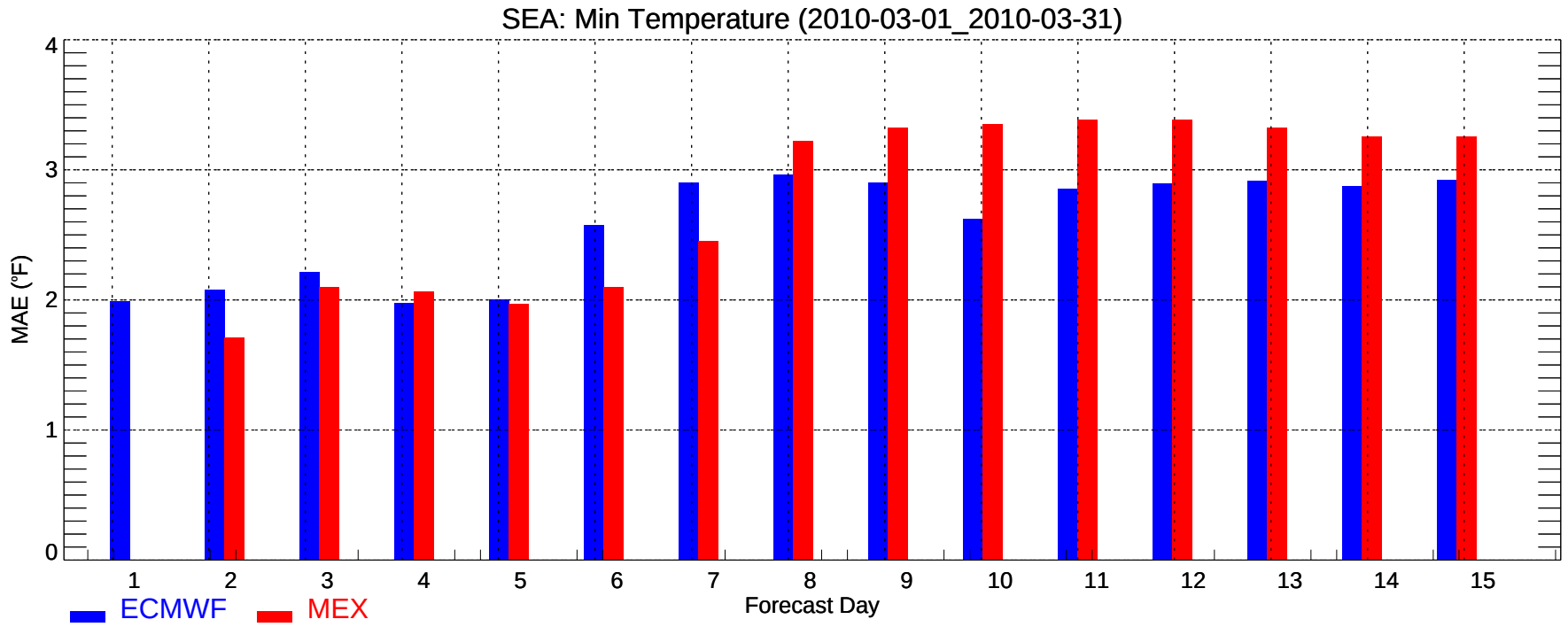
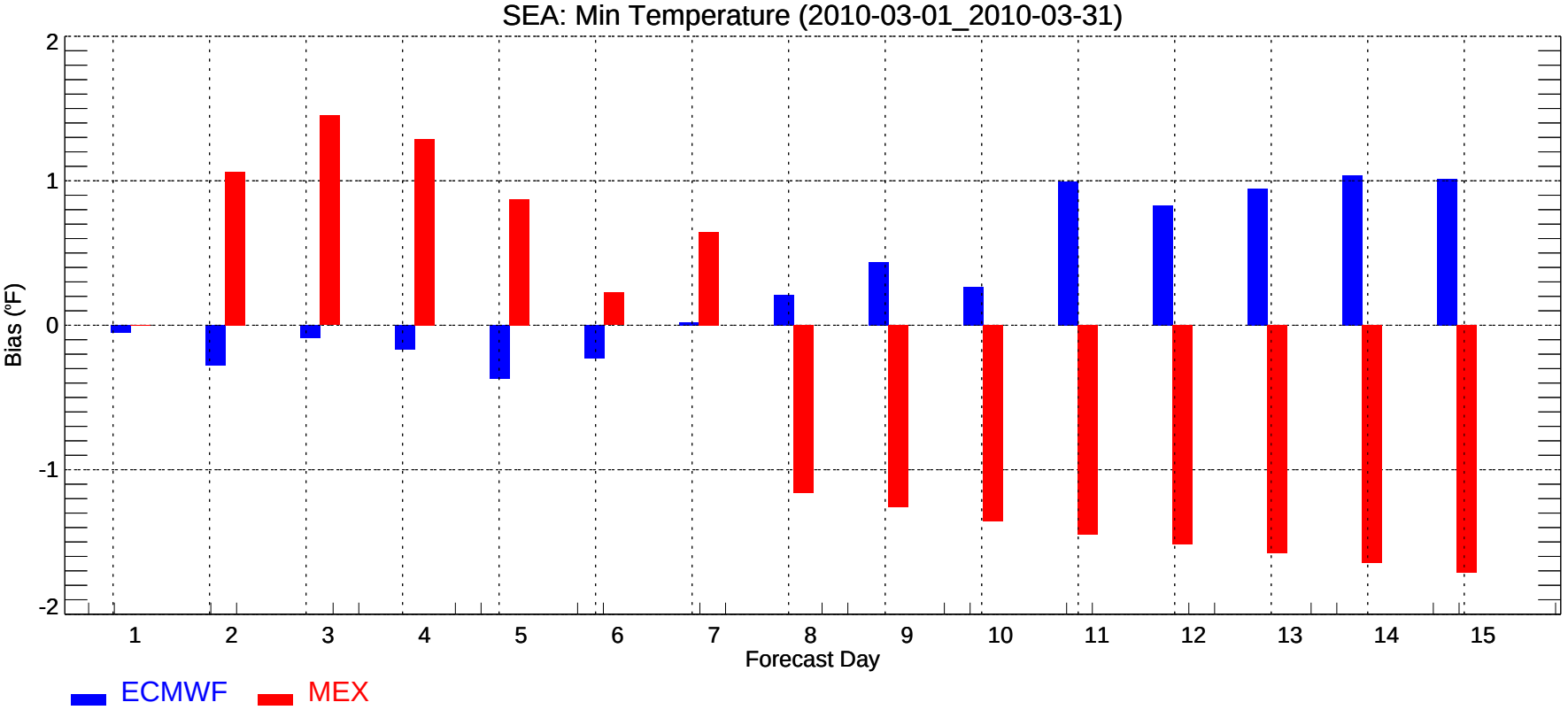
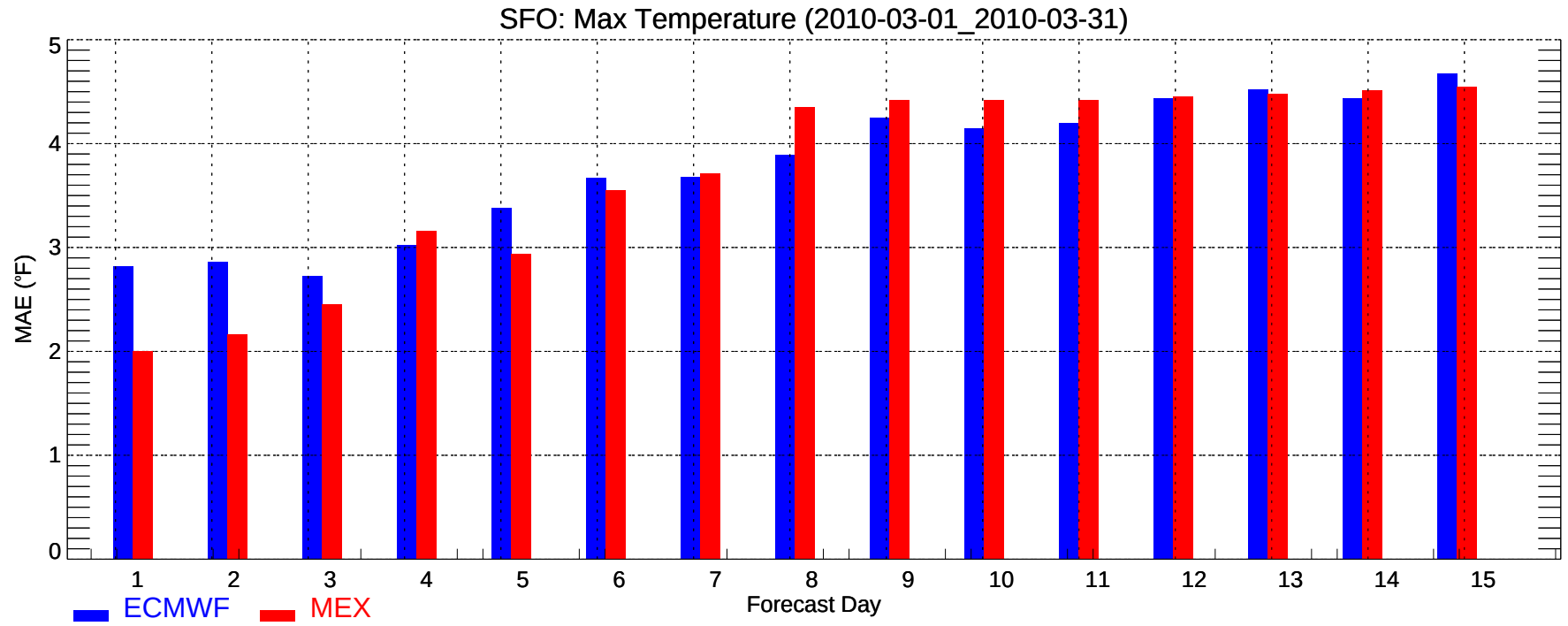
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

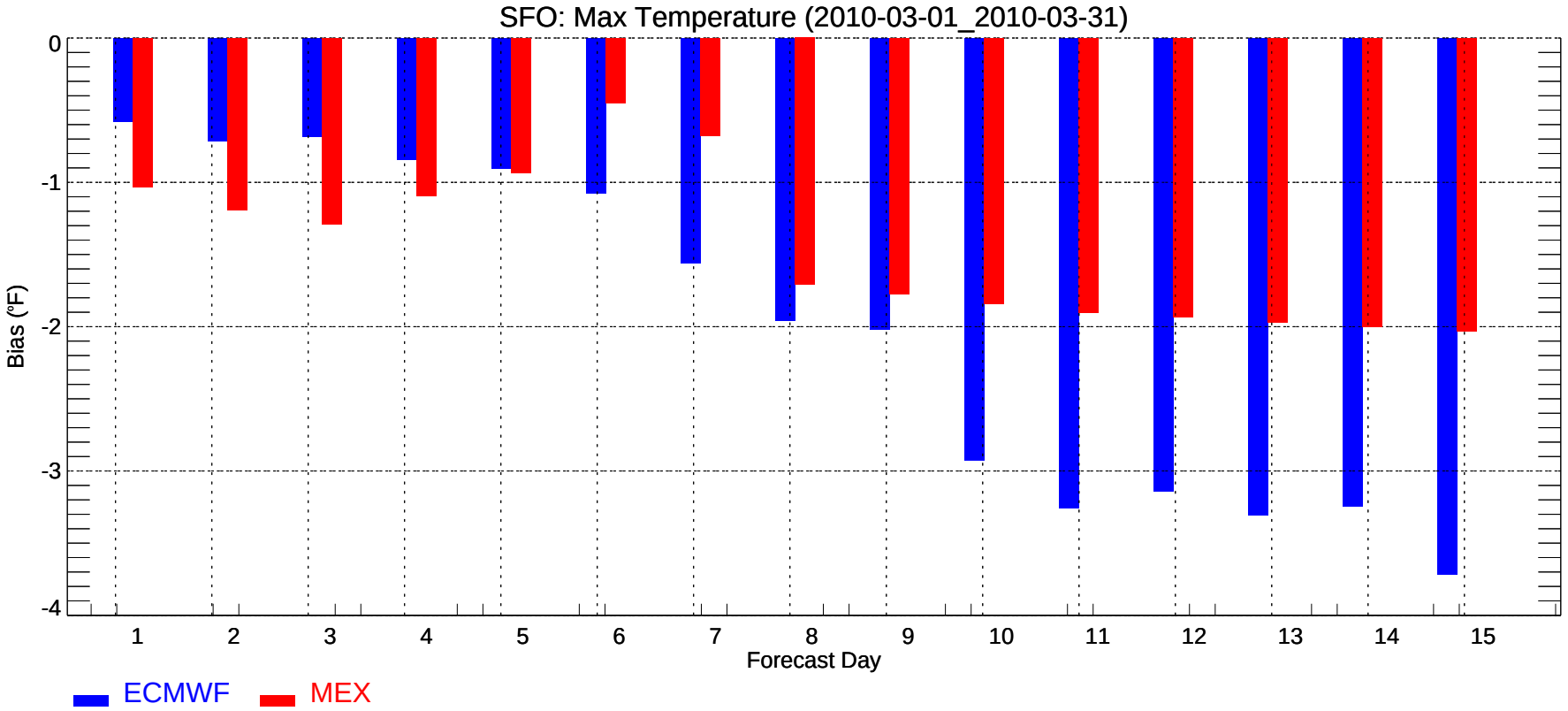

SEA: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

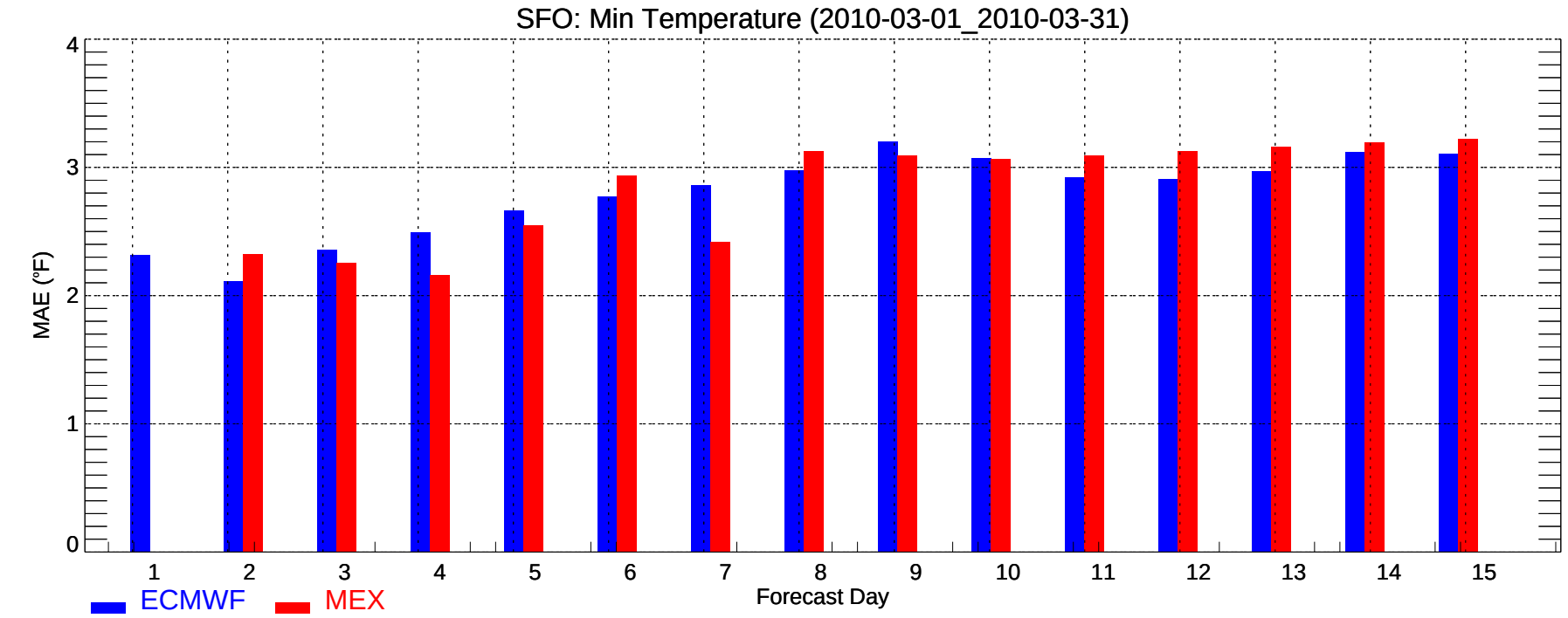

SEA: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

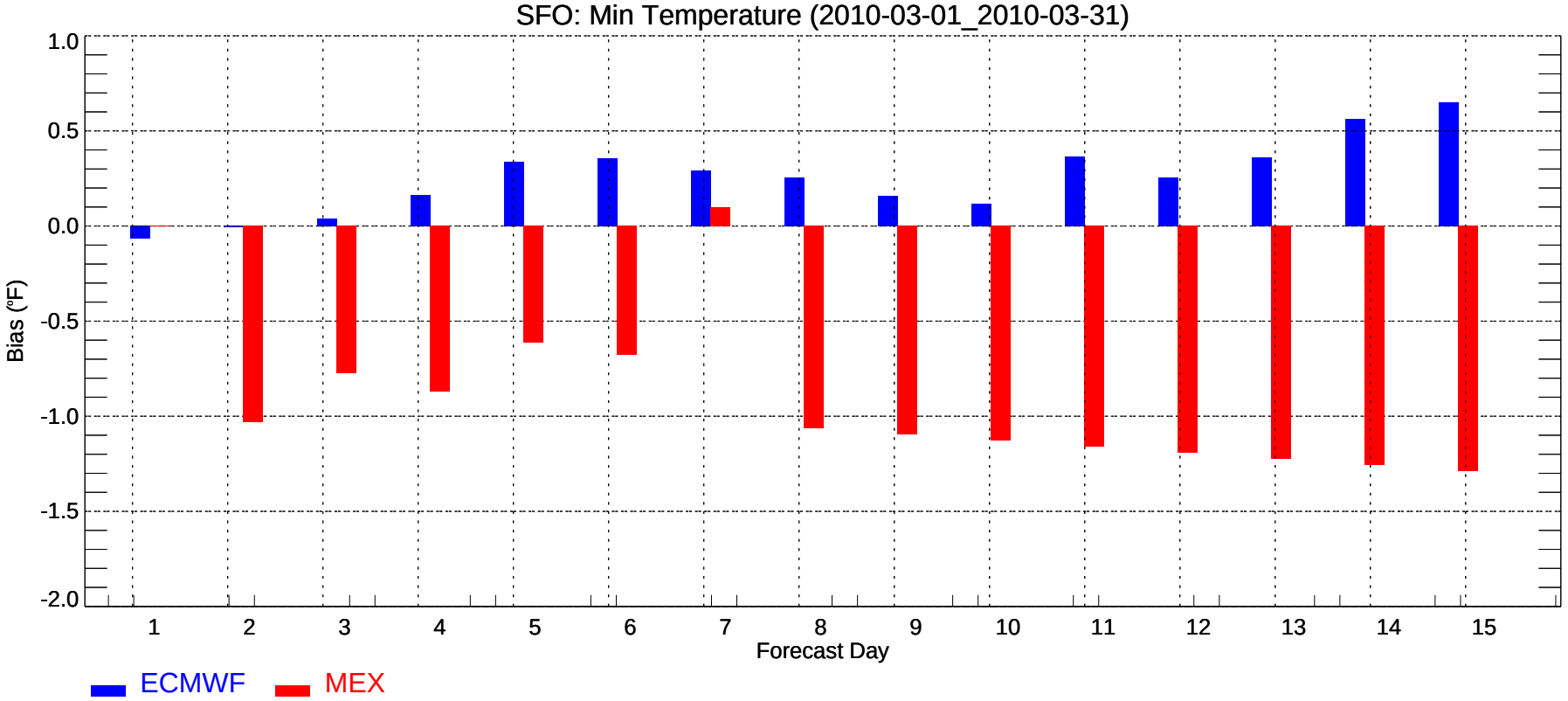

SEA: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

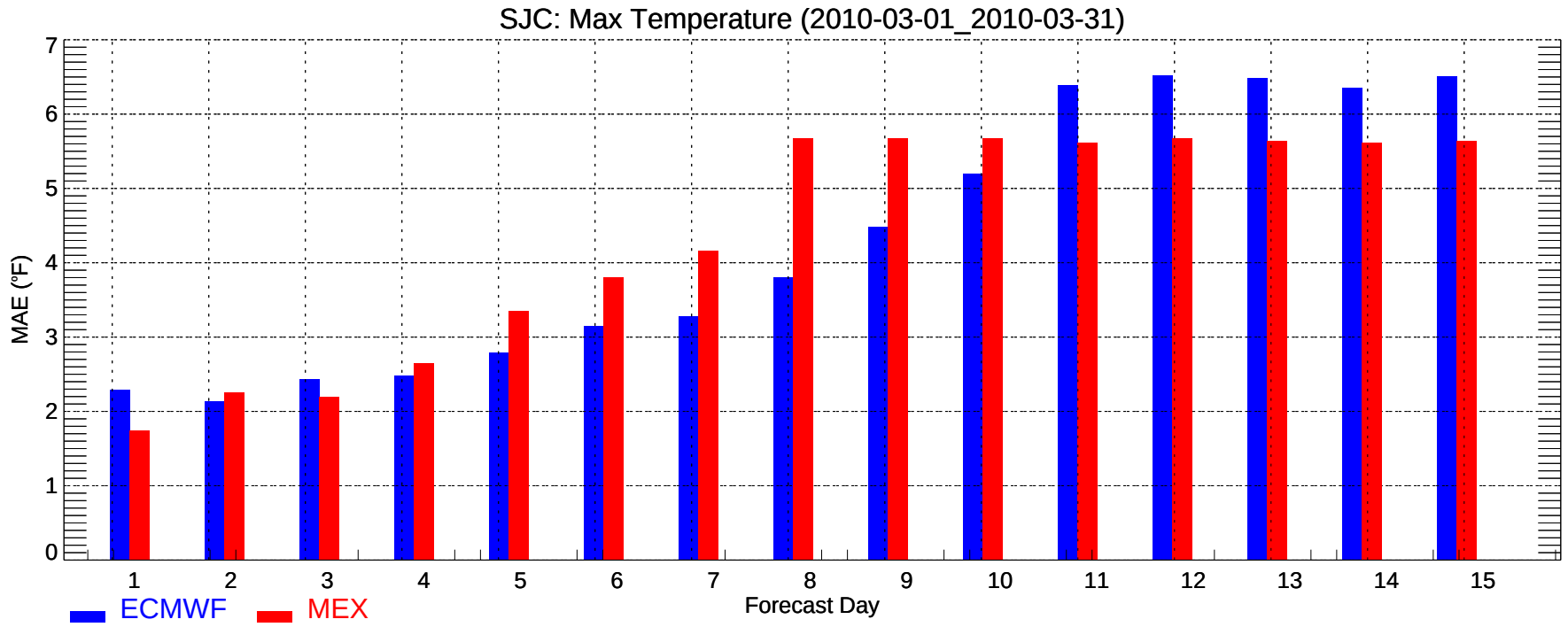

SEA: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

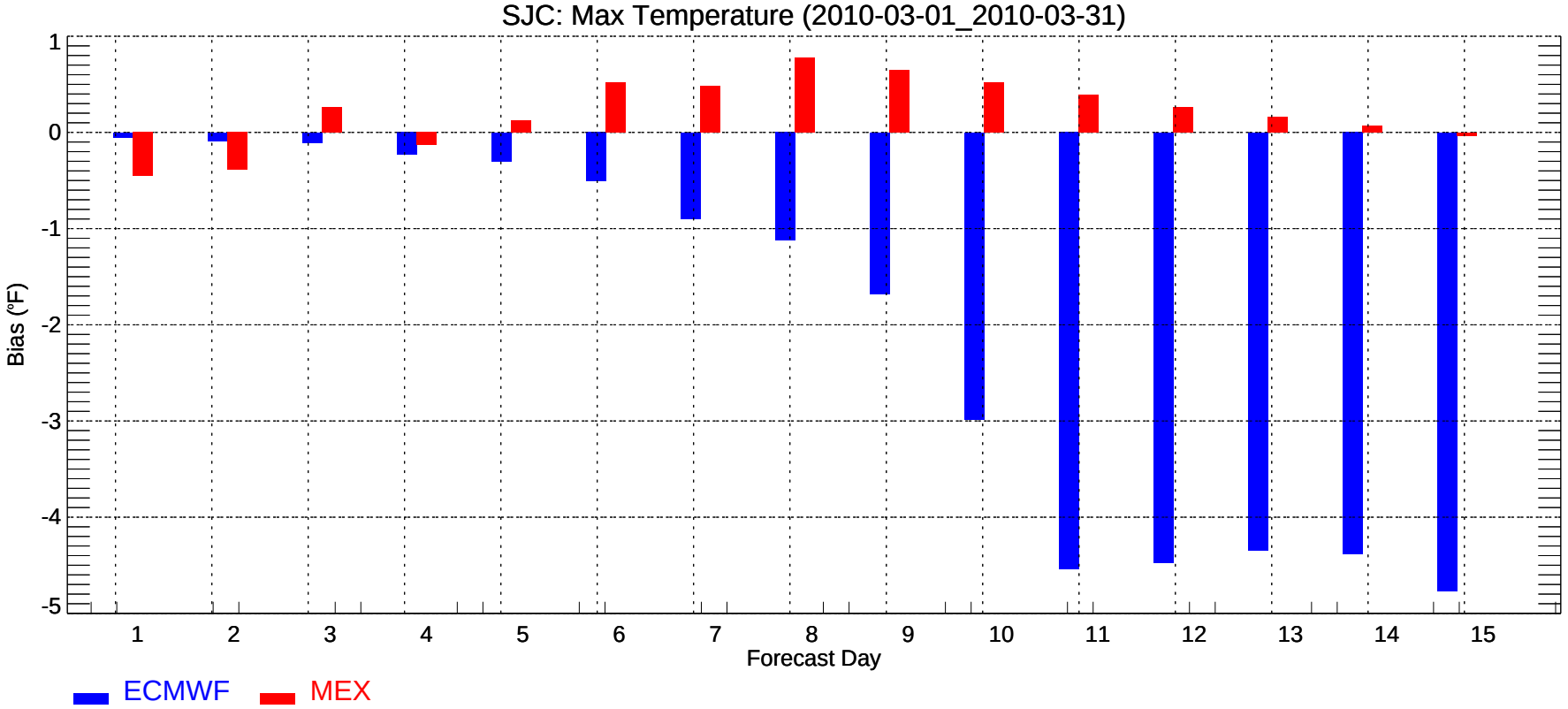

SFO: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

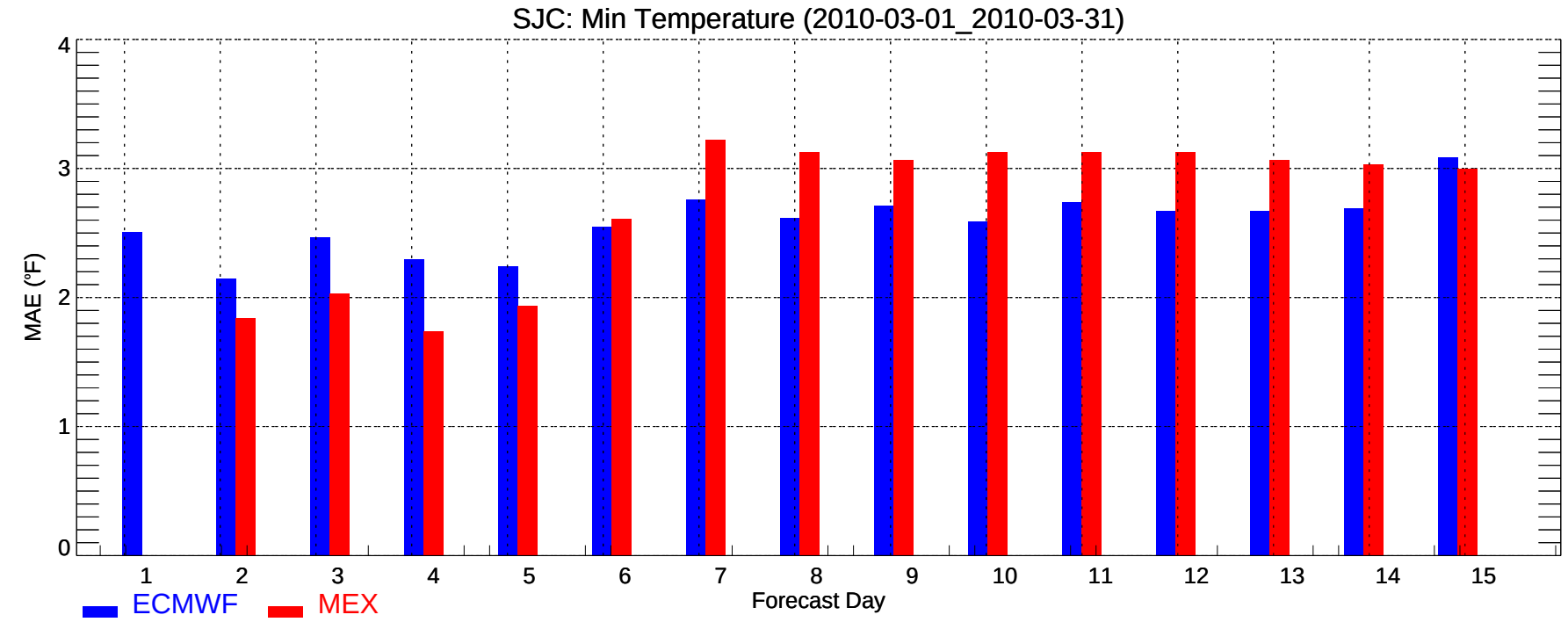

SFO: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

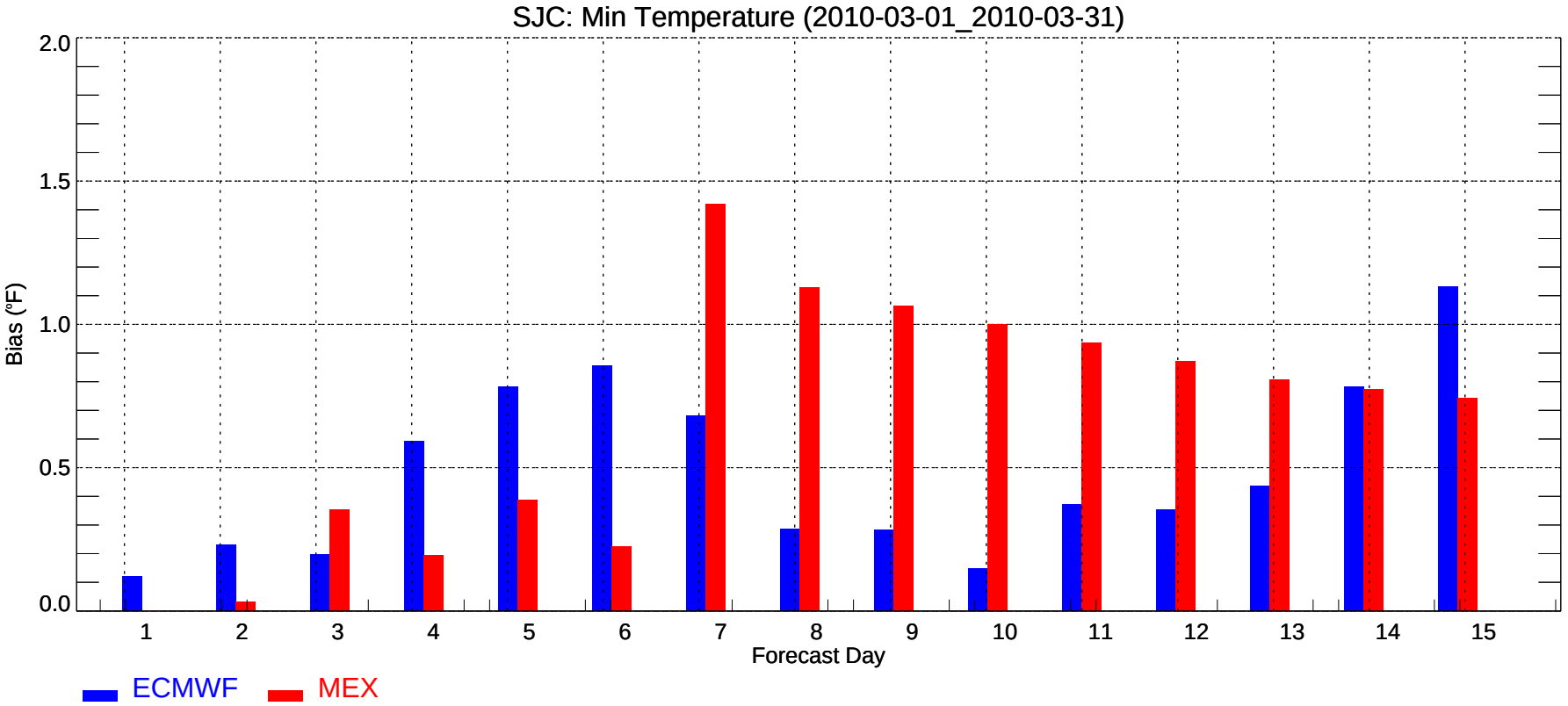

SFO: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

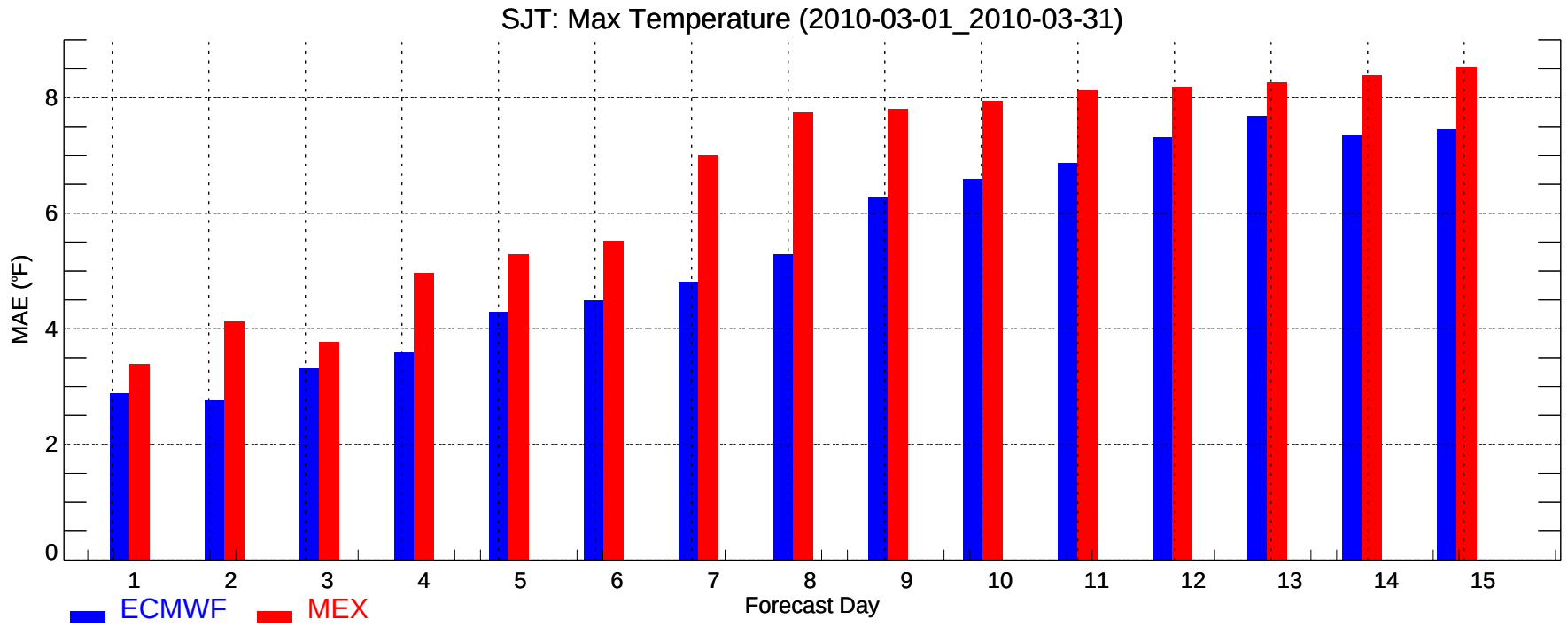

SFO: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

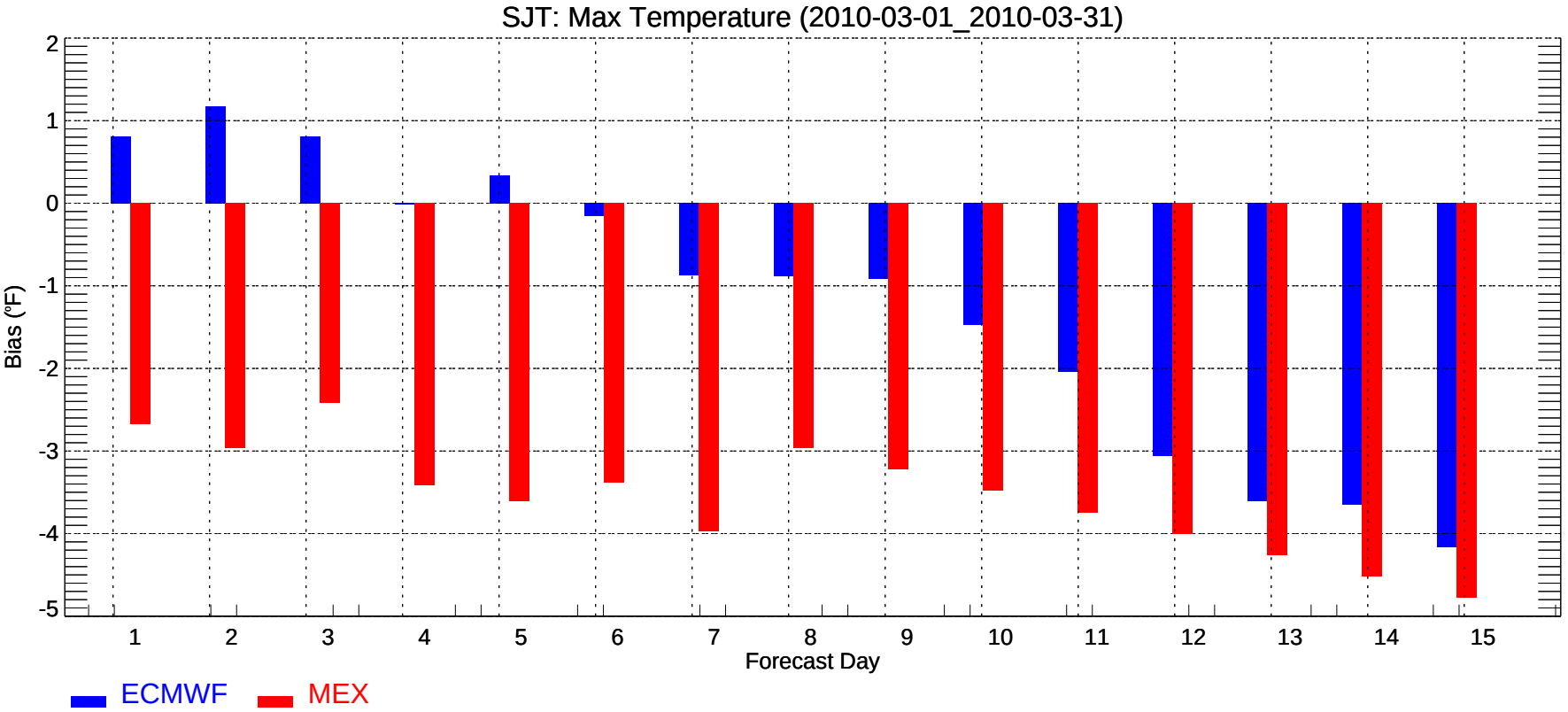

SJC: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
Forecast Day
ECMWF
MEX

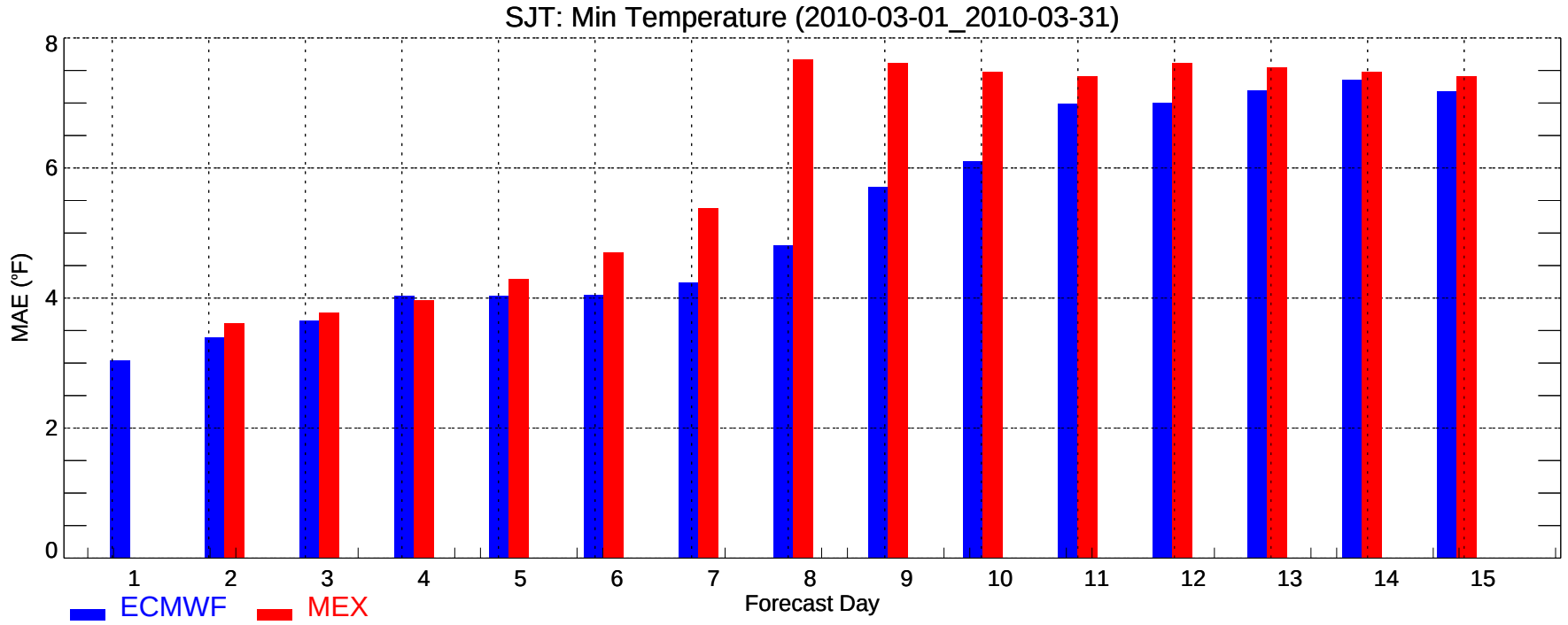

SJC: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
Forecast Day
ECMWF
MEX

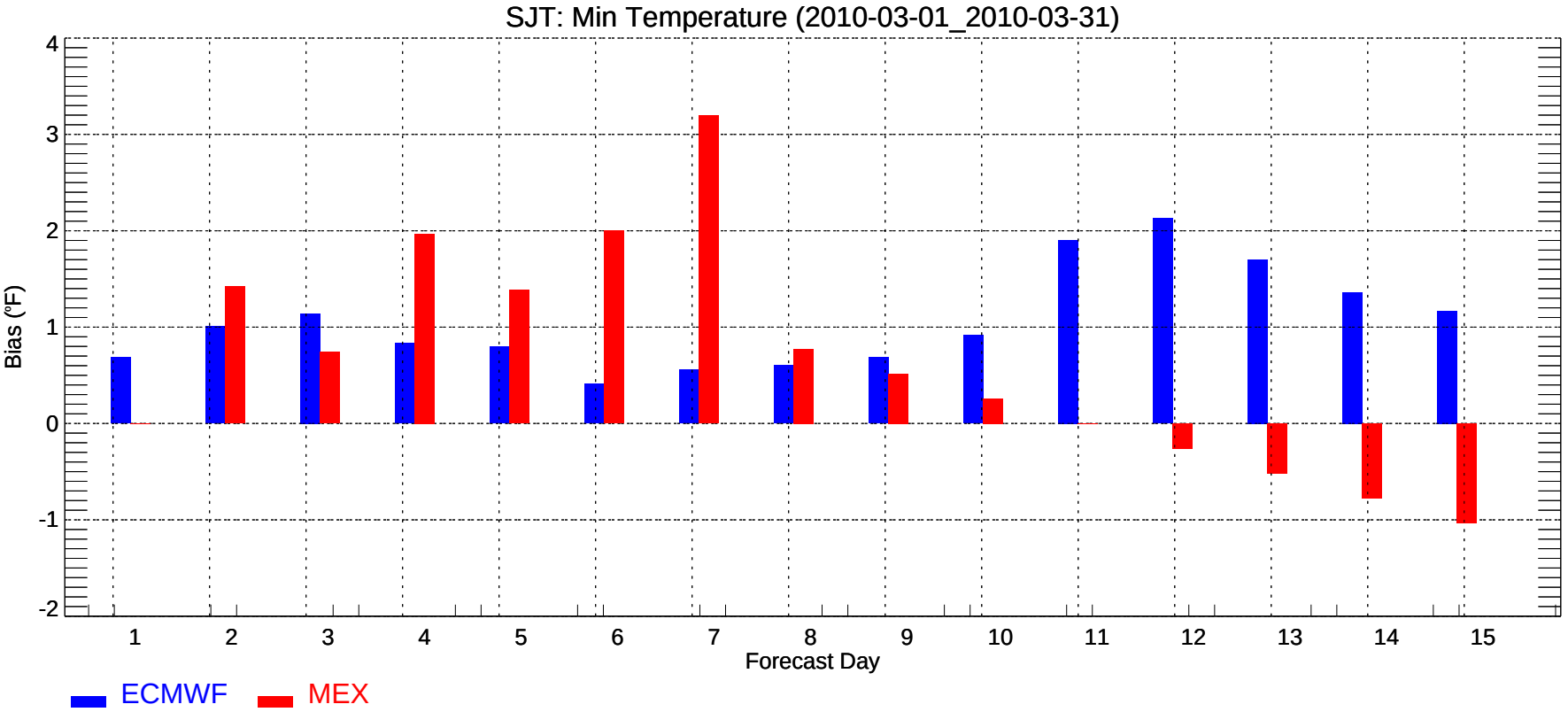

SJC: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

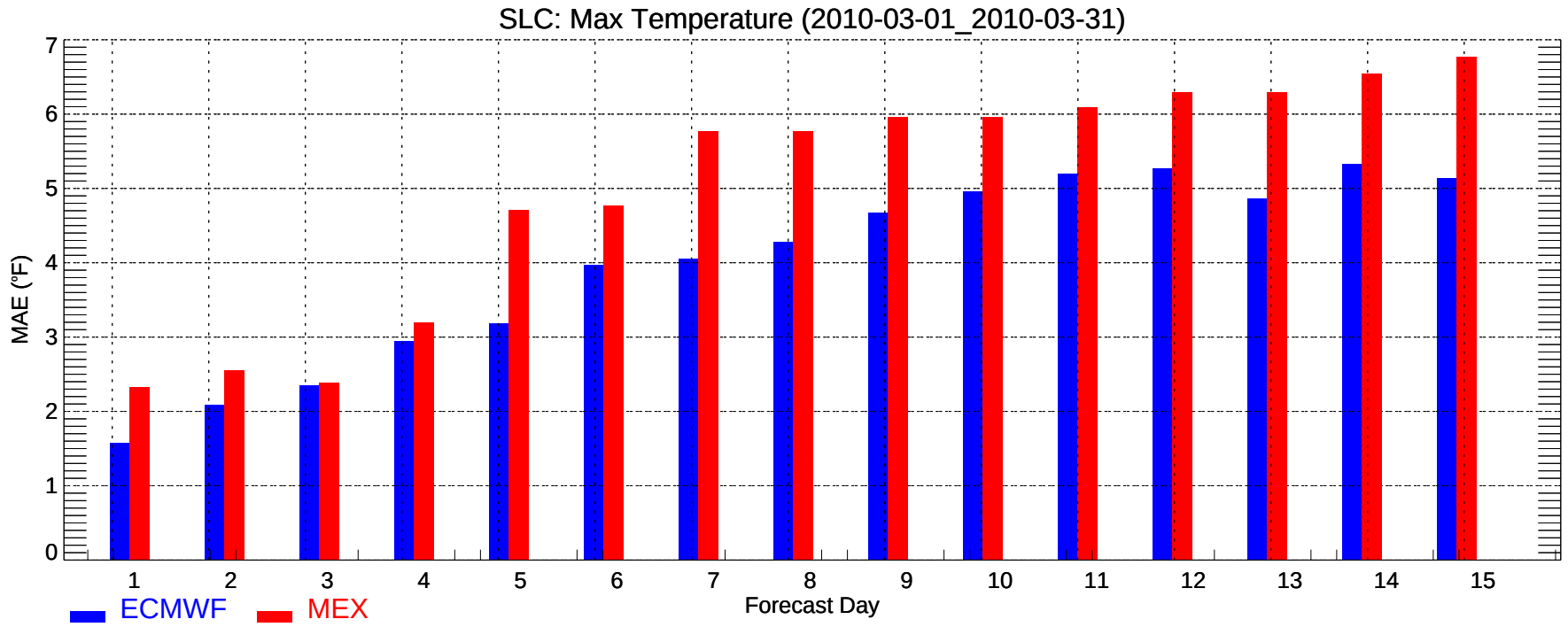

SJC: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0.0
0.5
1.0
1.5
2.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

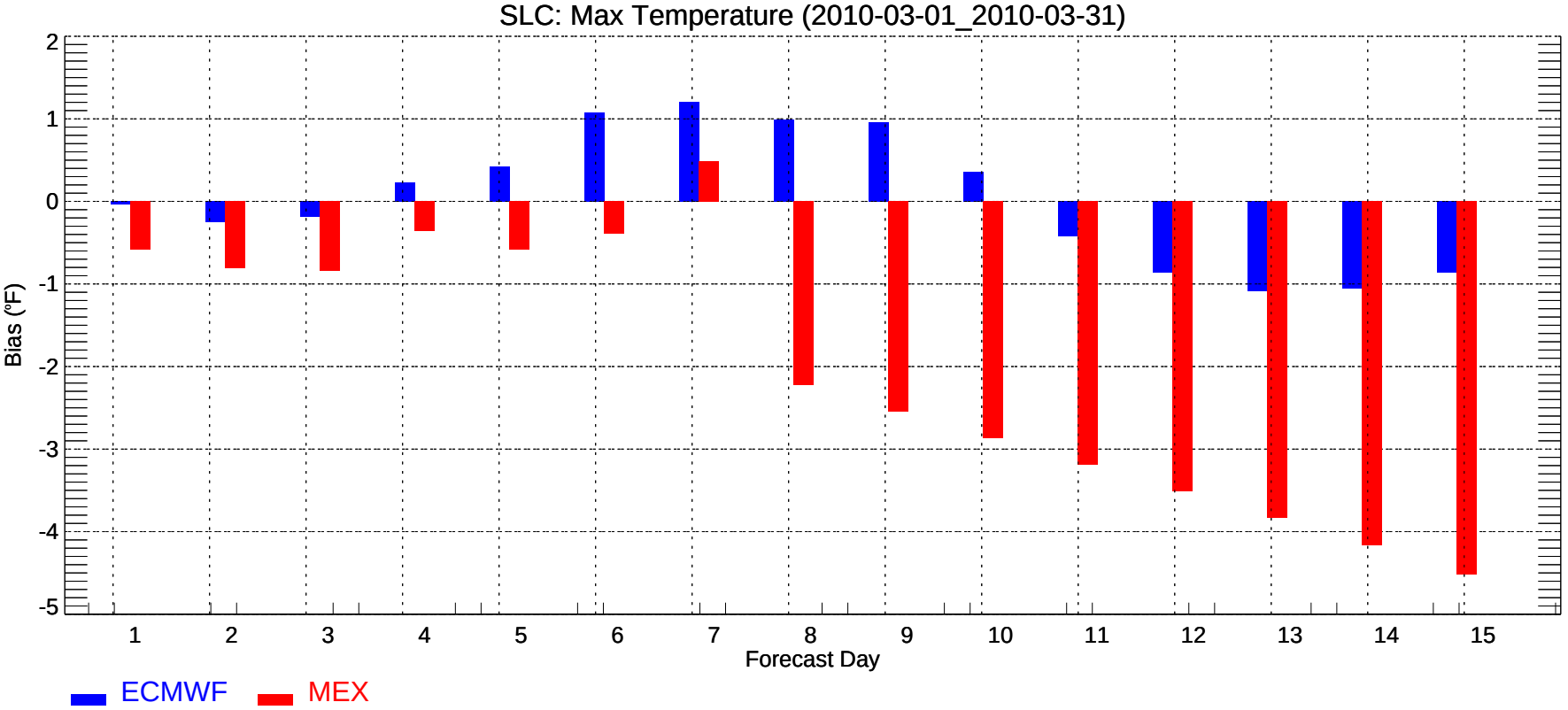

SJT: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

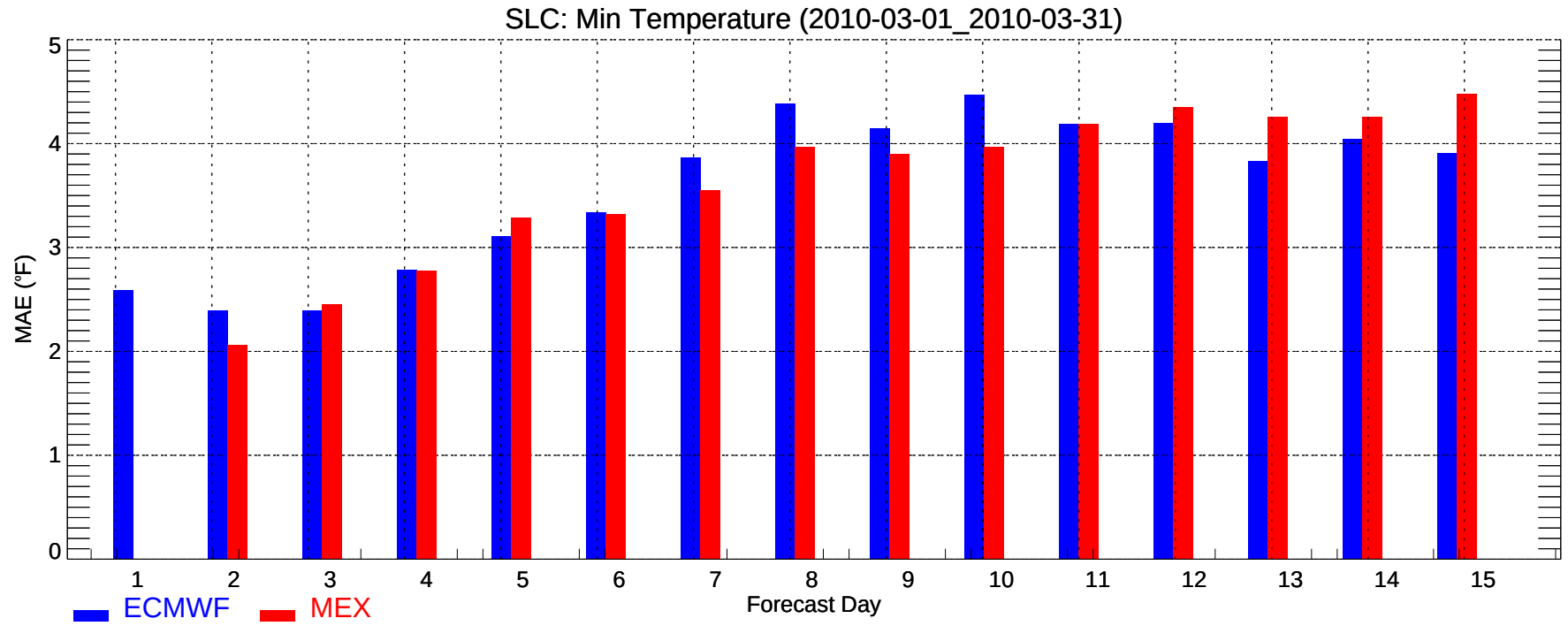

SJT: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

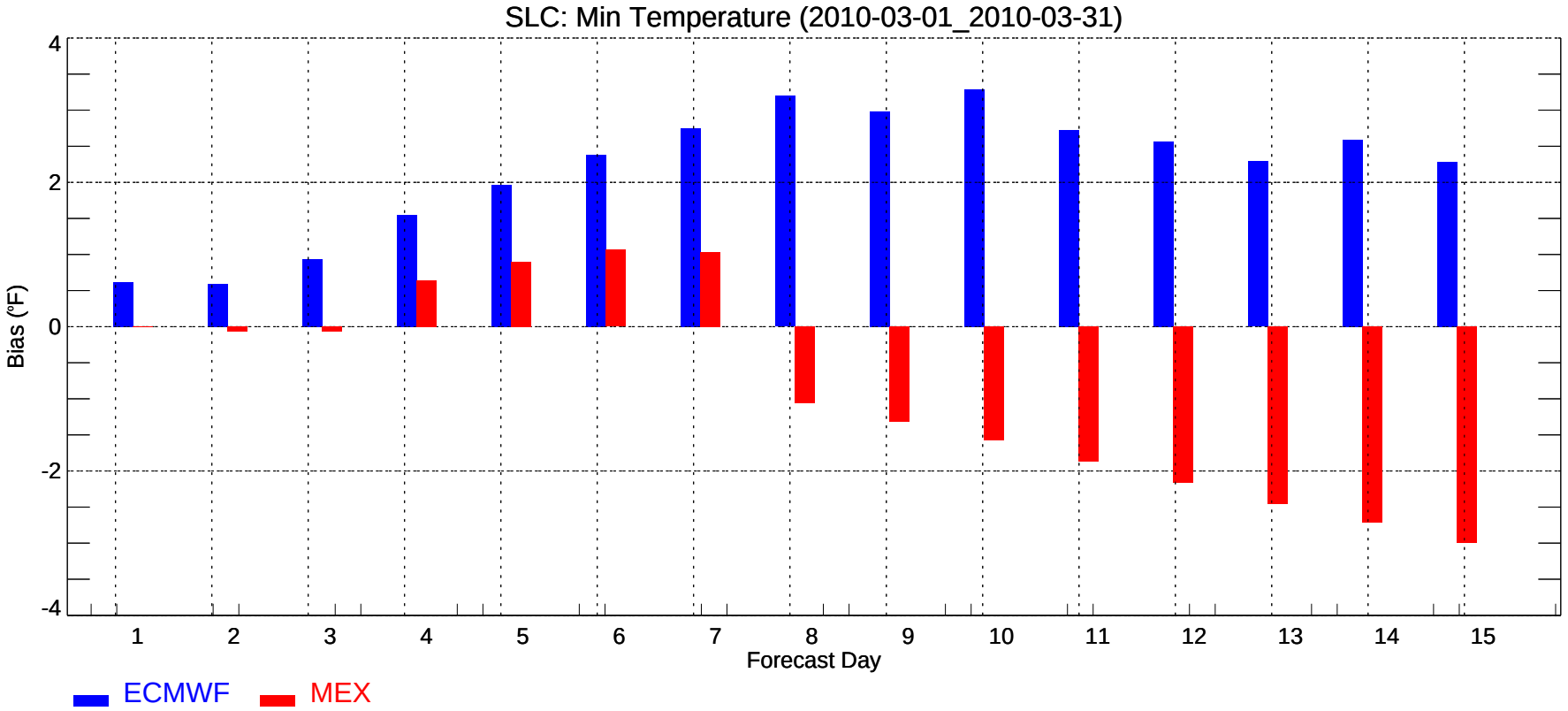

SJT: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

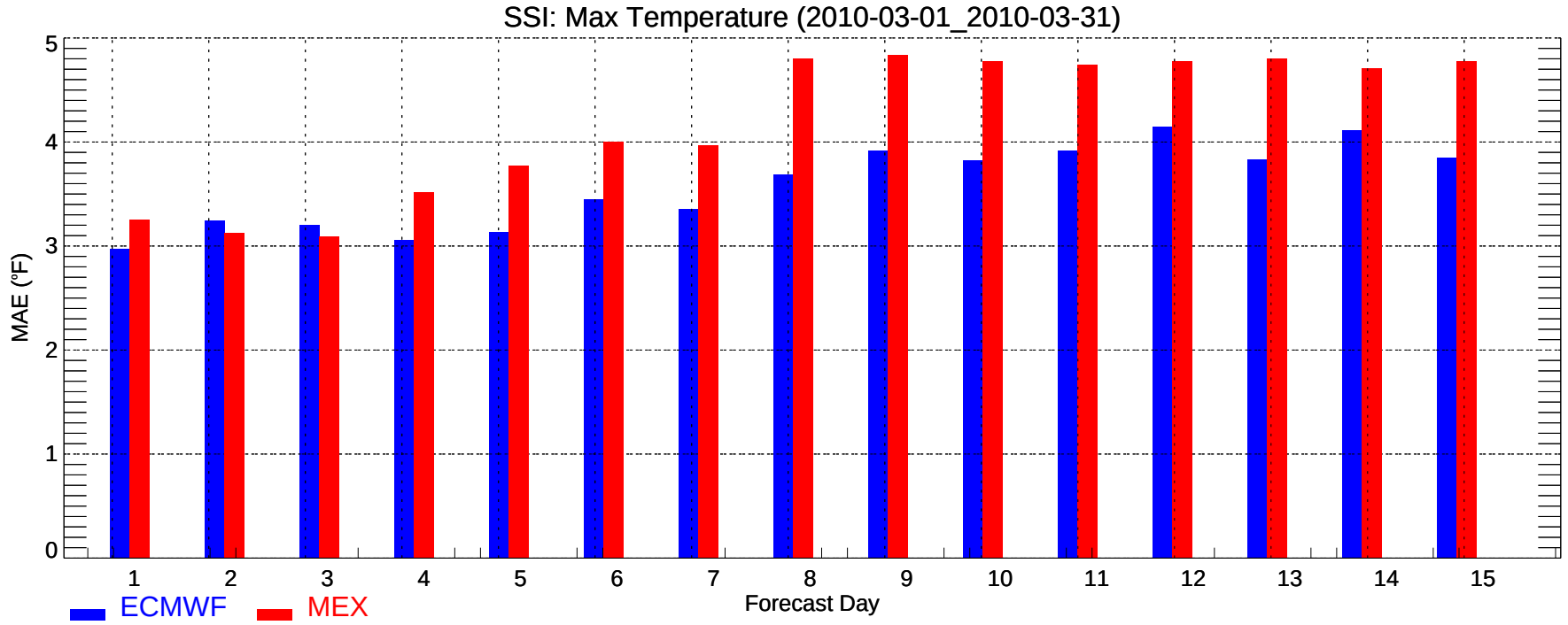

SJT: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

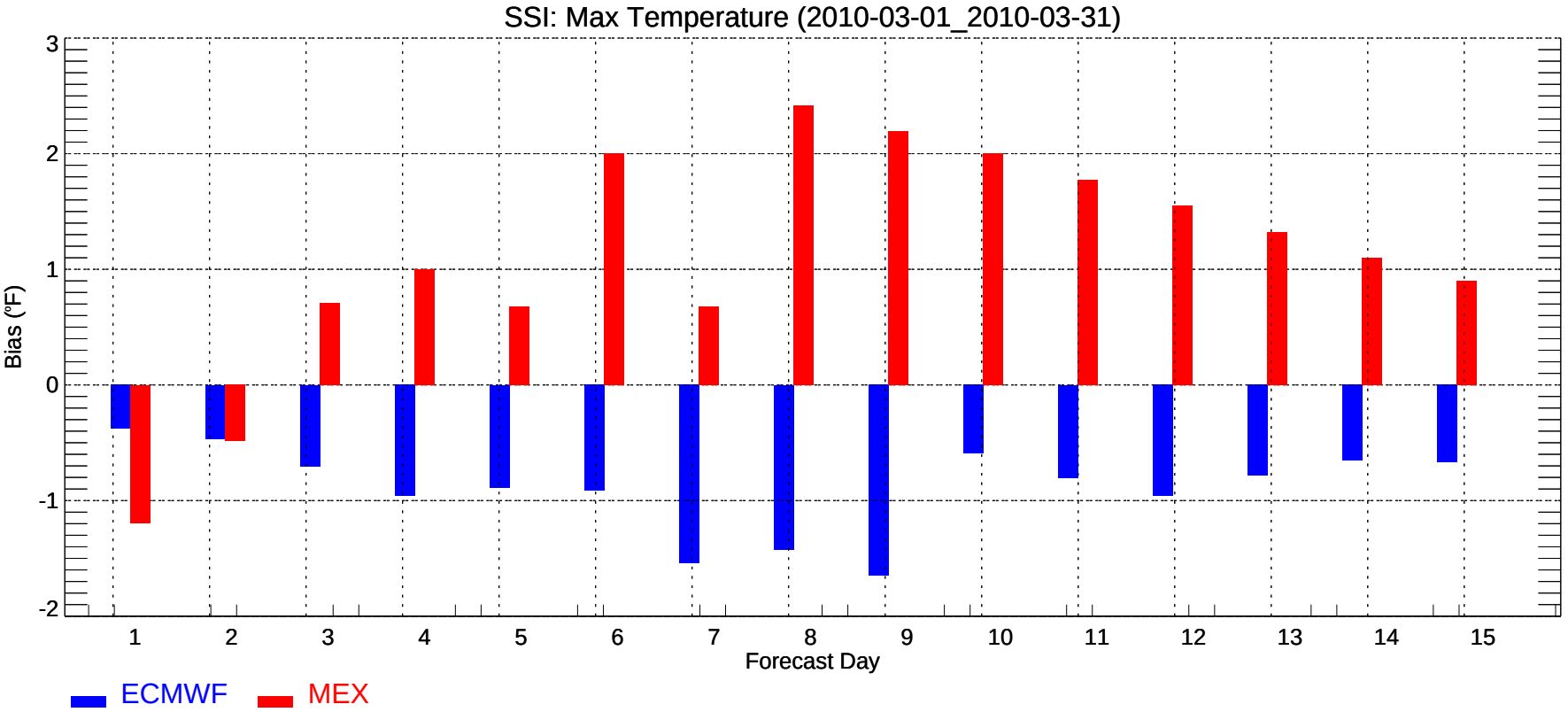

SLC: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

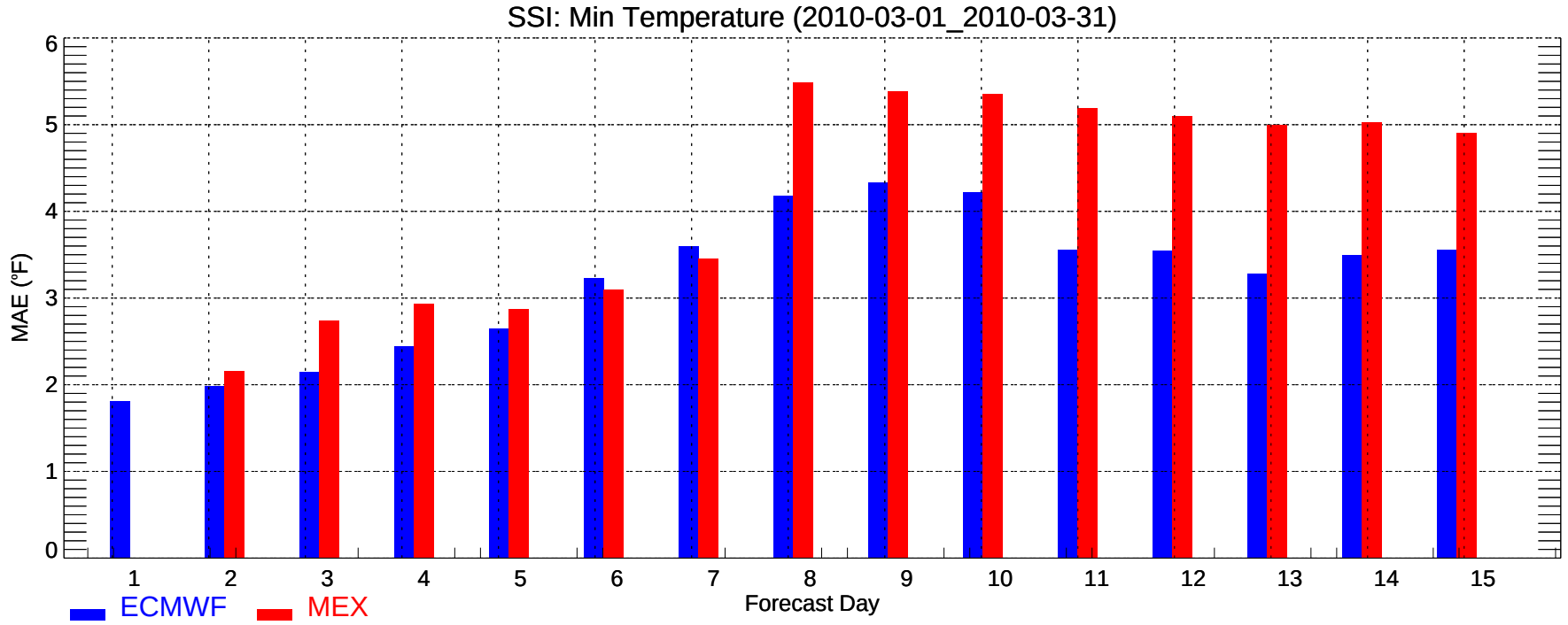

SLC: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

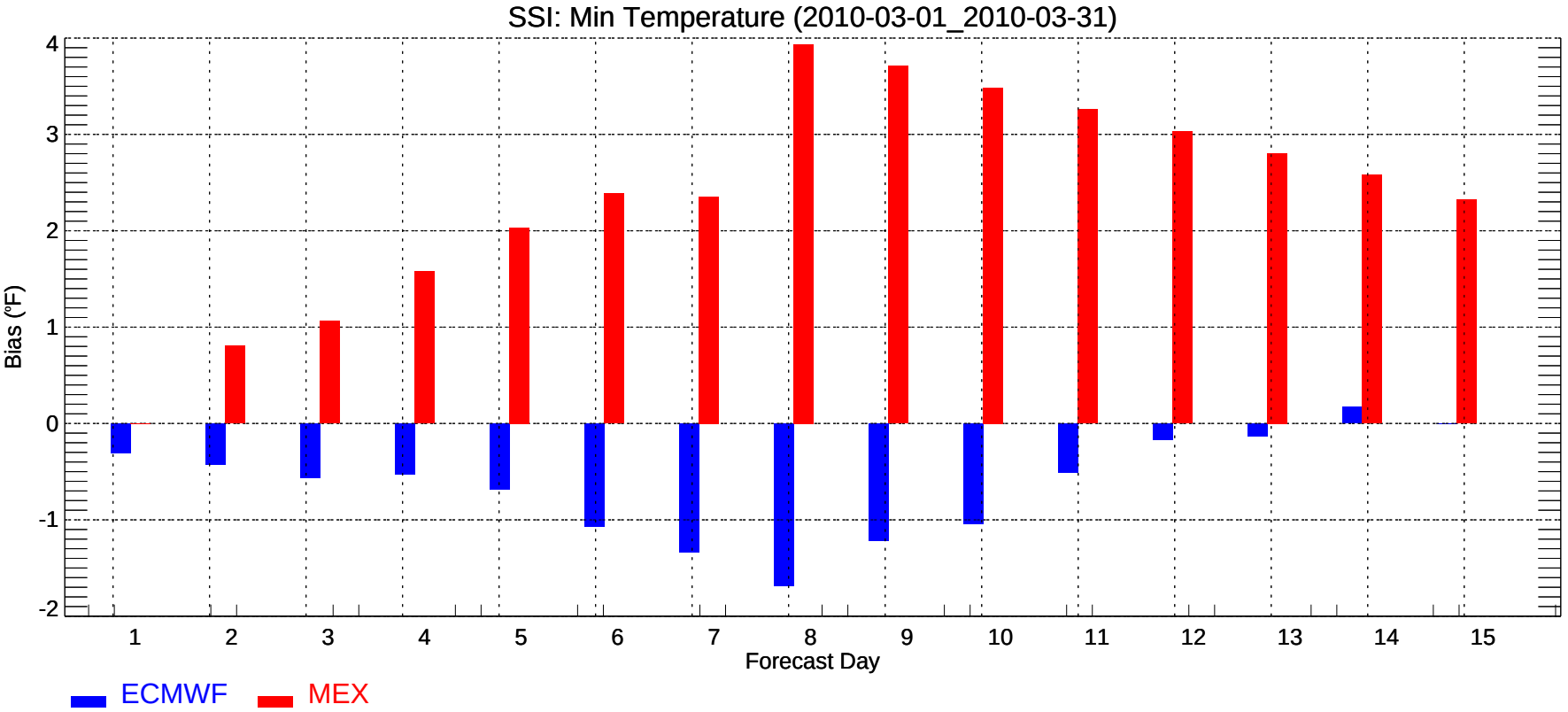

SLC: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

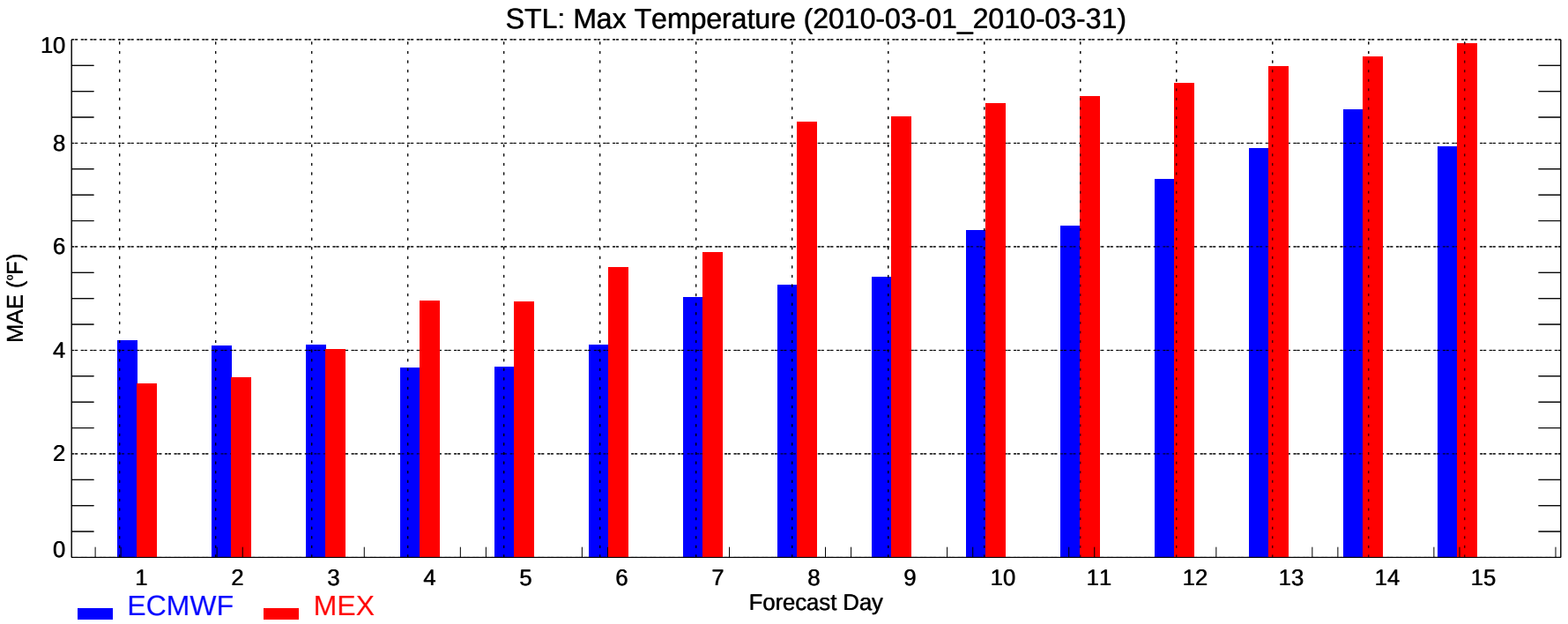

SLC: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-4
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

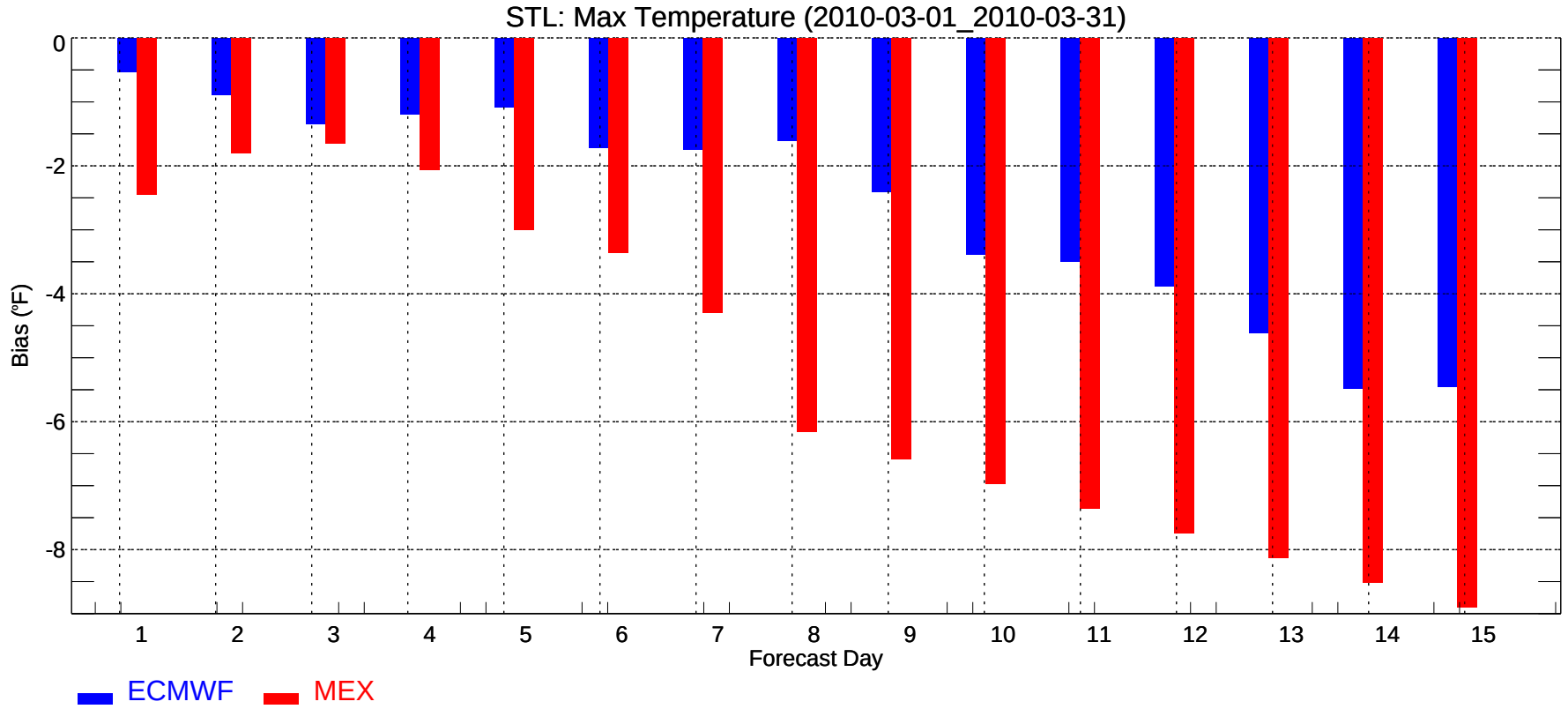

SSI: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

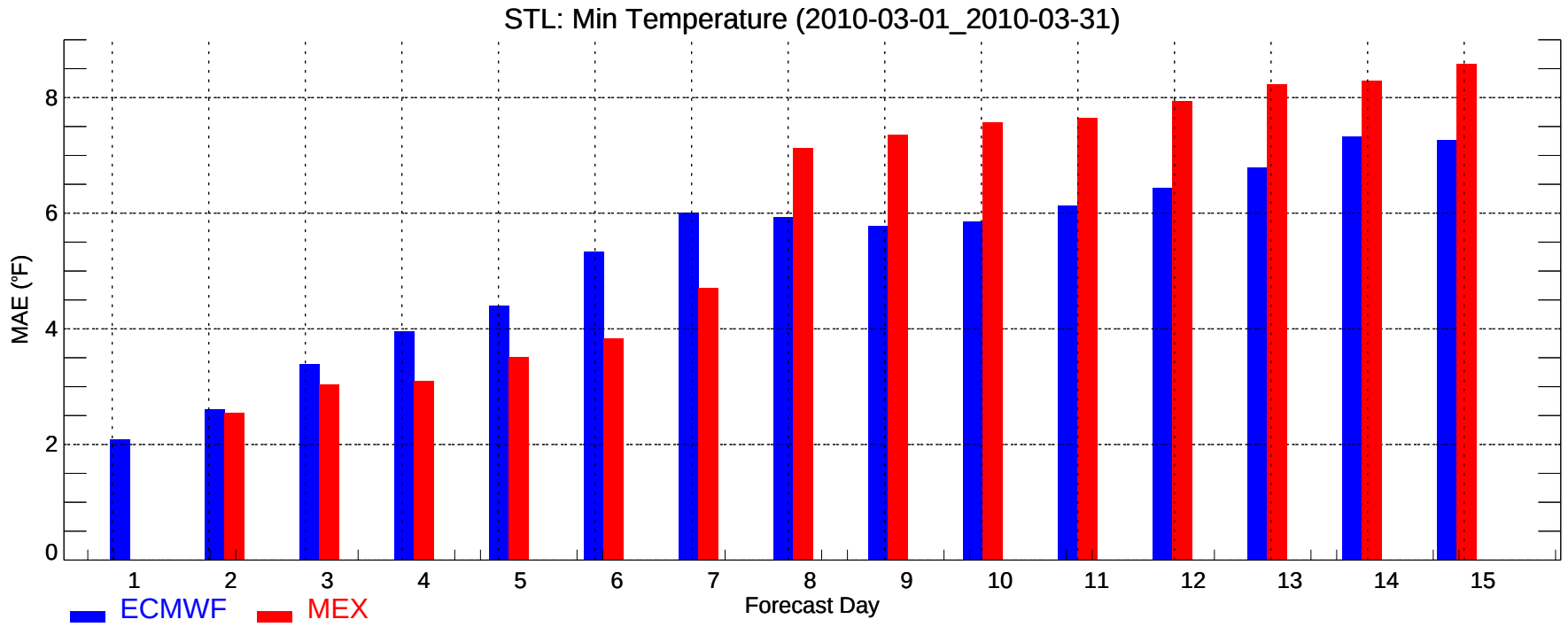

SSI: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

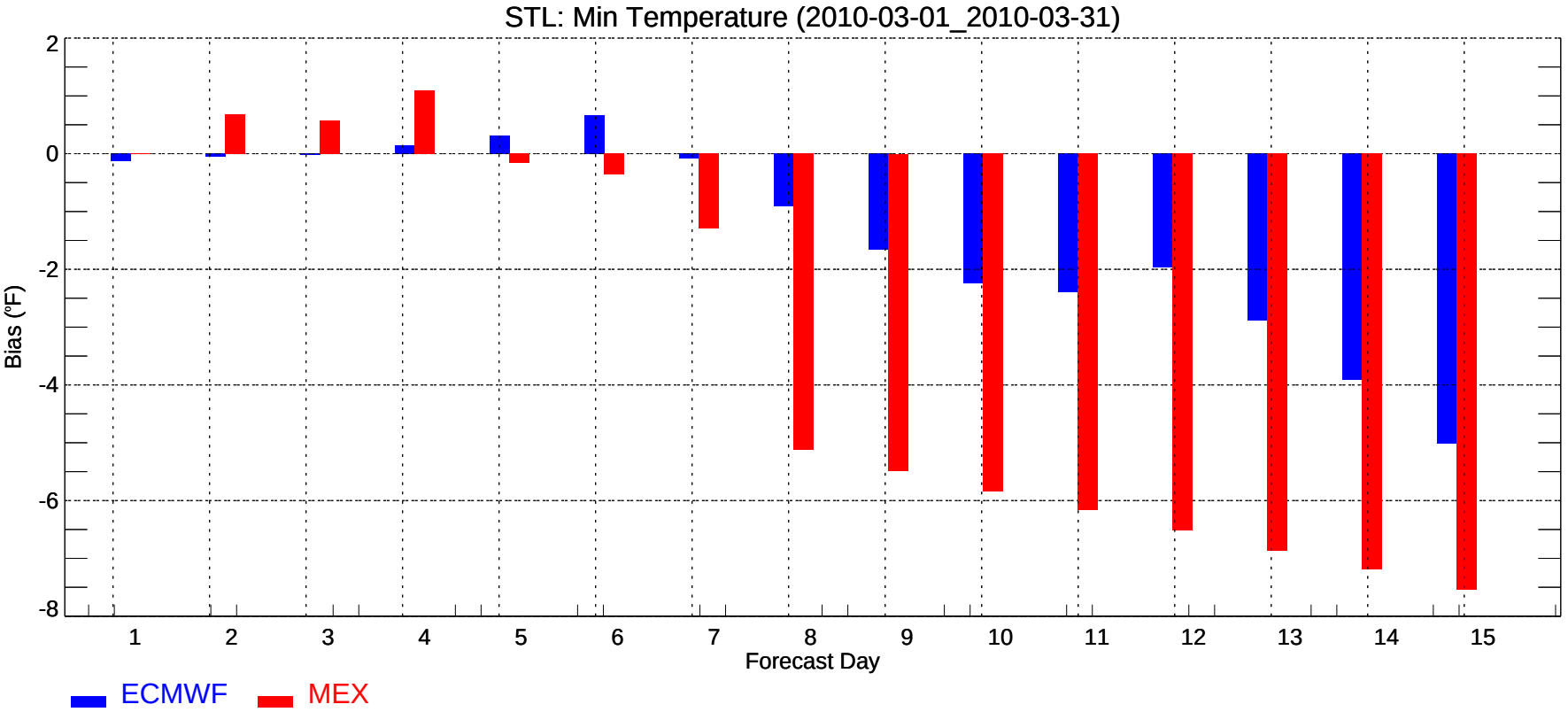

SSI: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

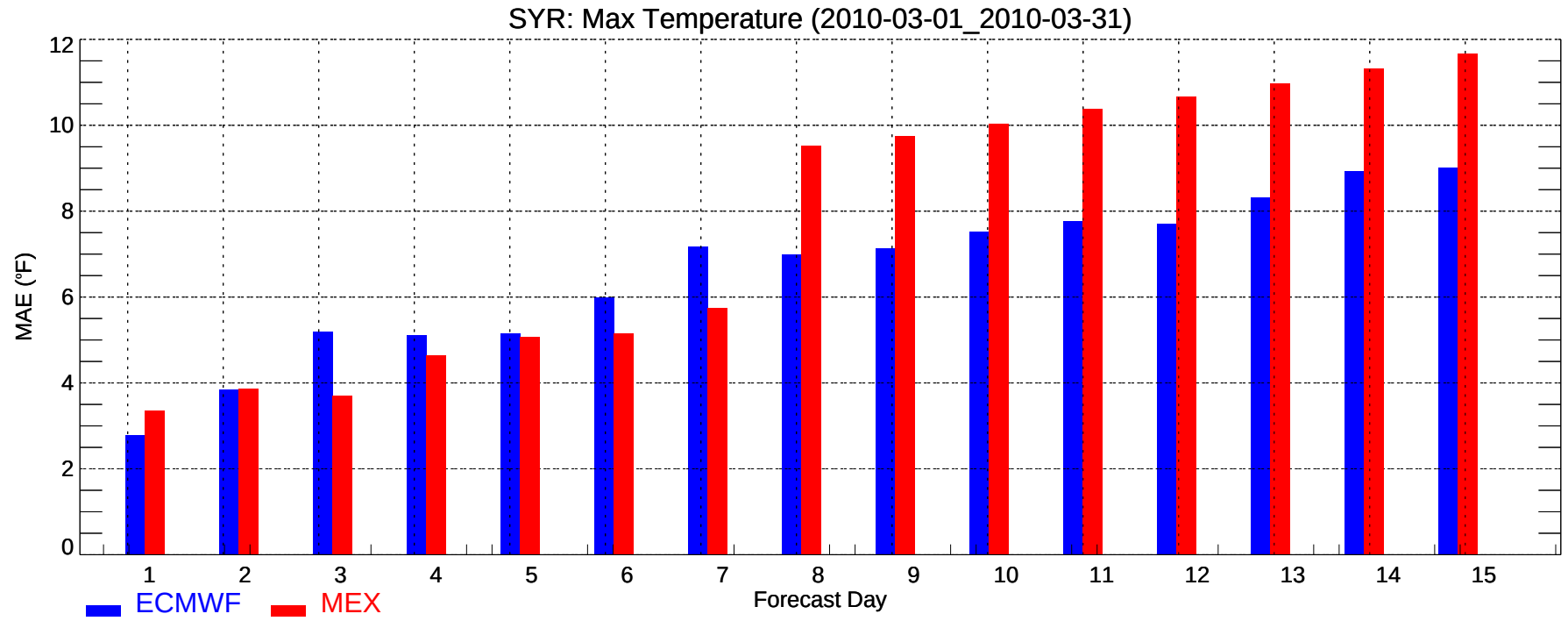

SSI: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

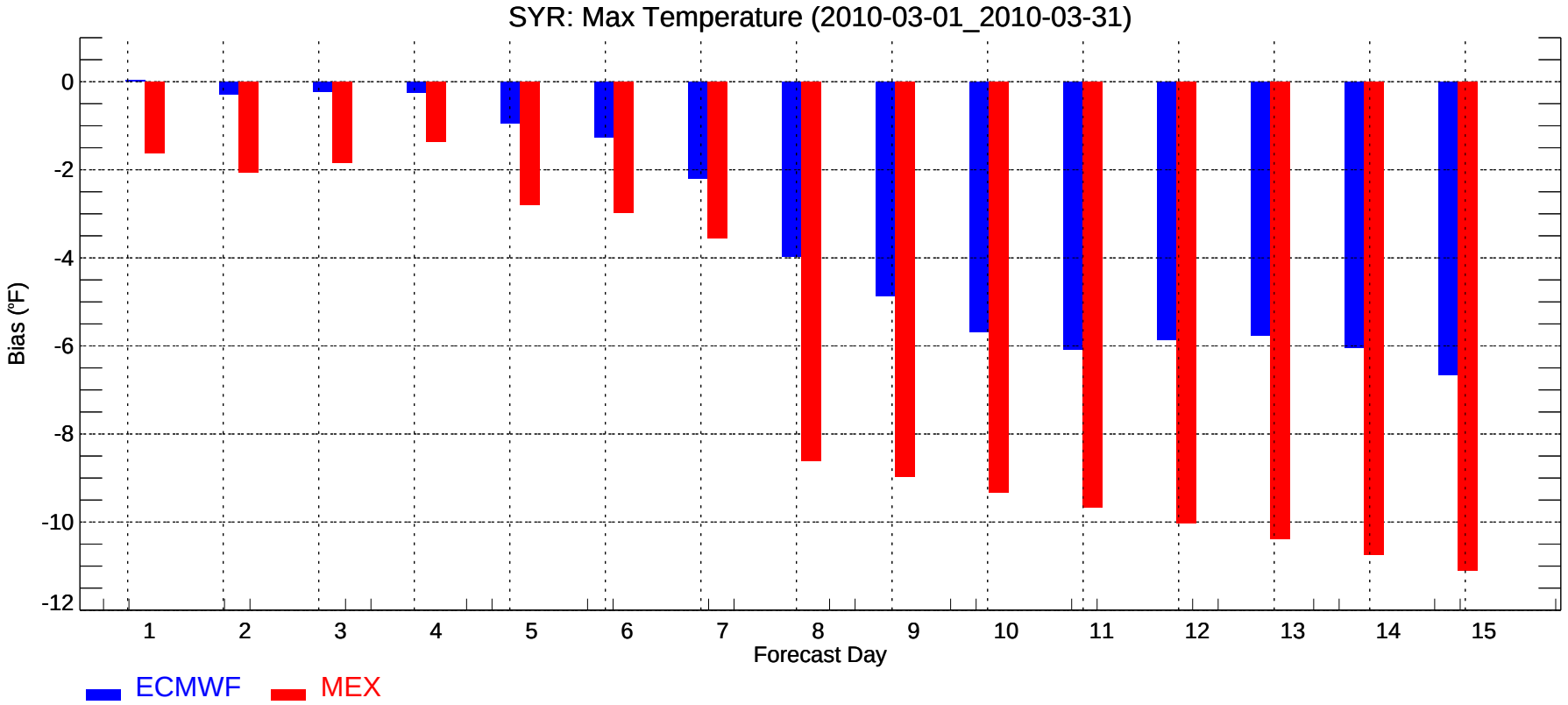

STL: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

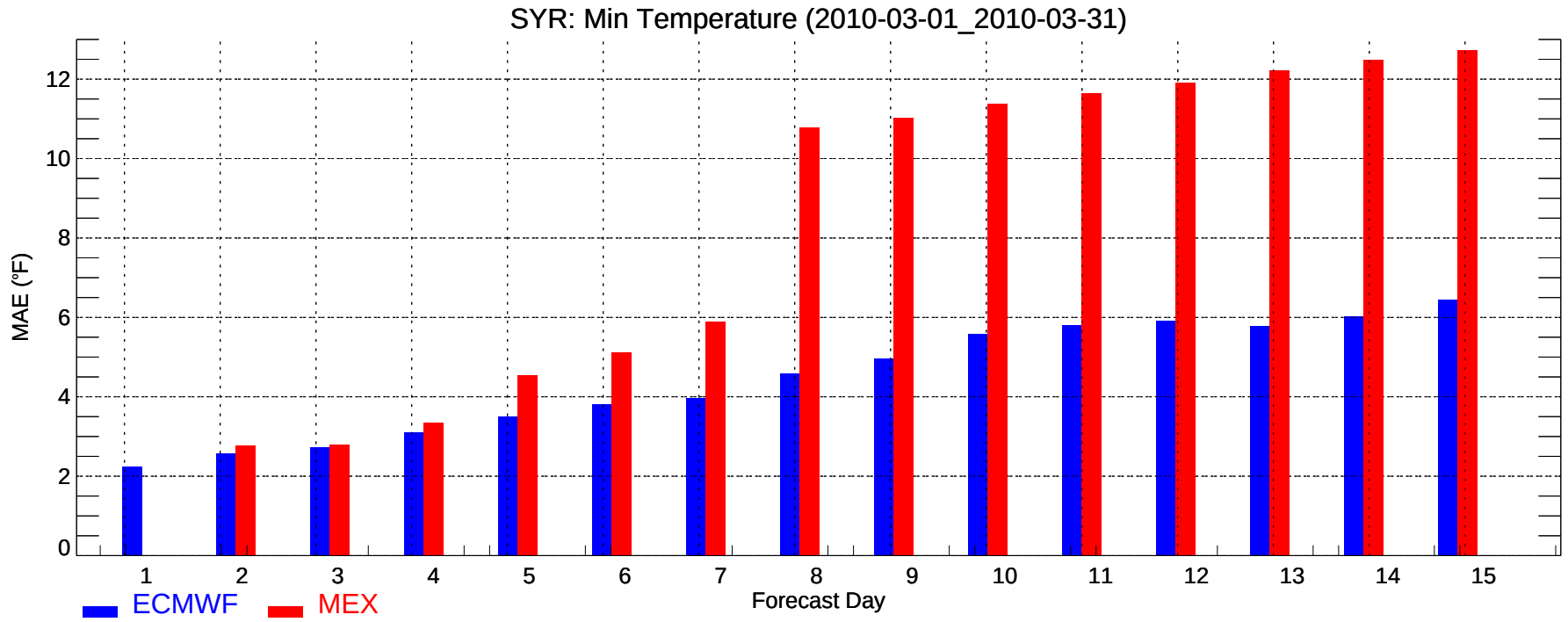

STL: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

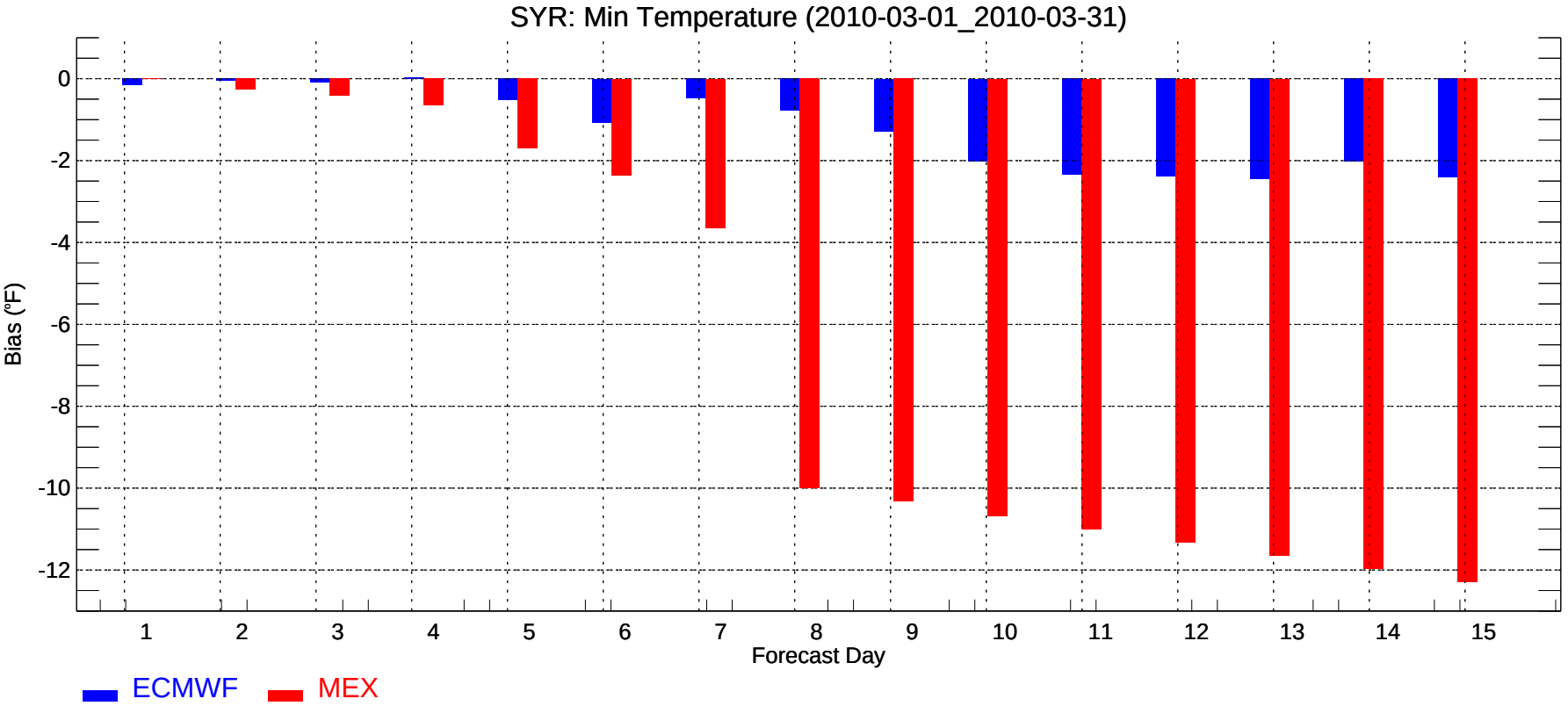

STL: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

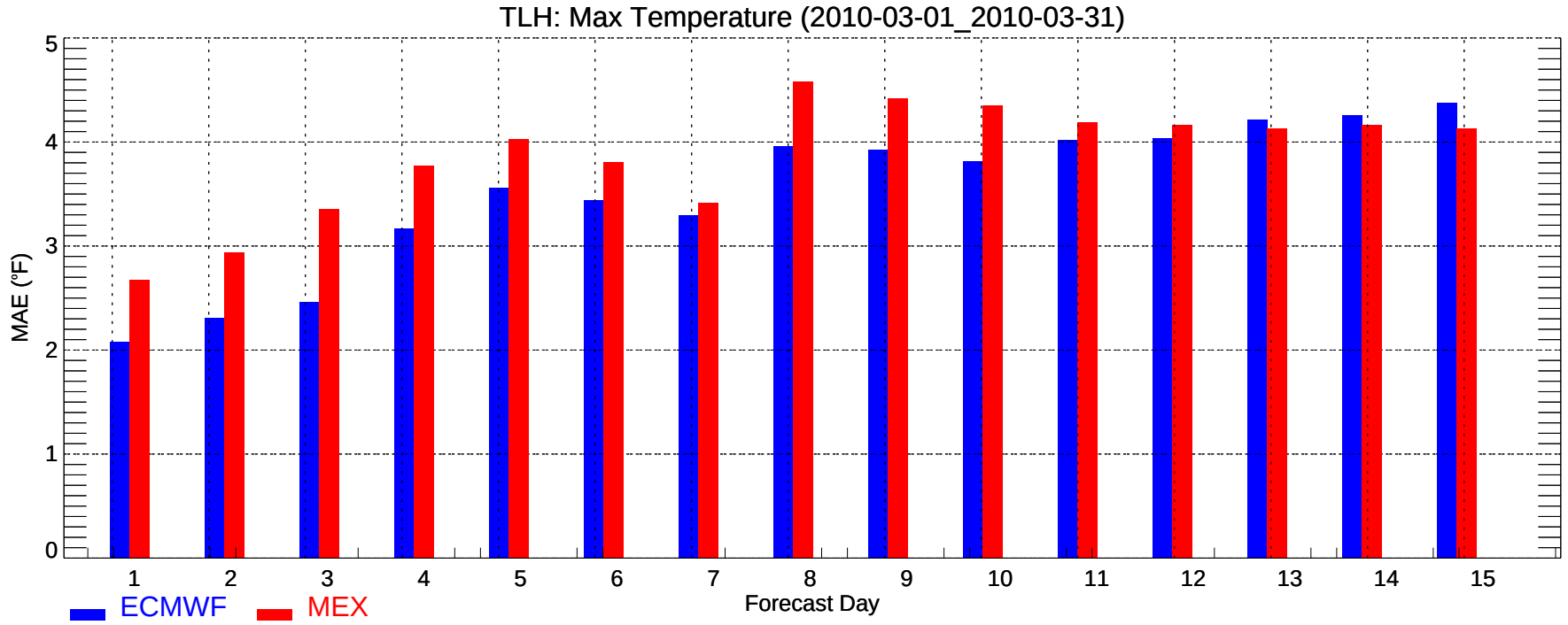

STL: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

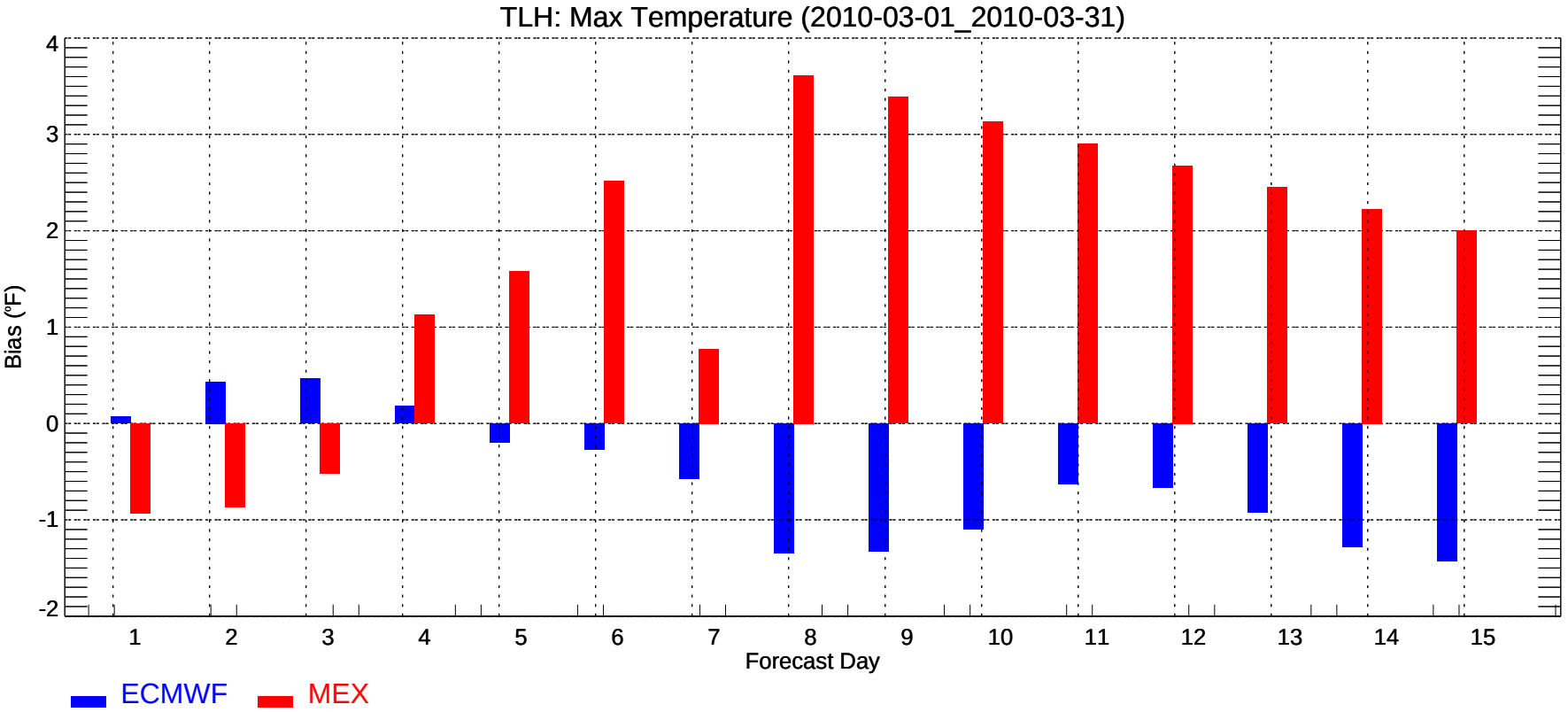

SYR: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

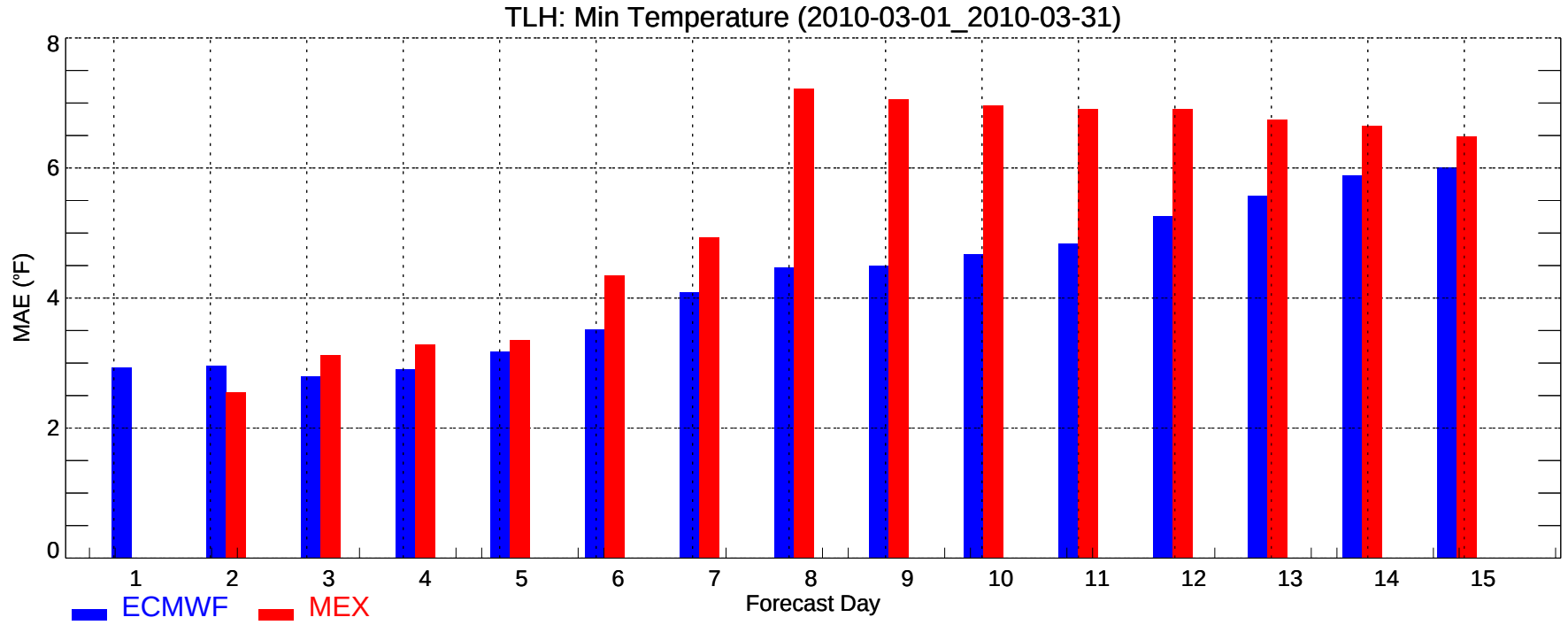

SYR: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

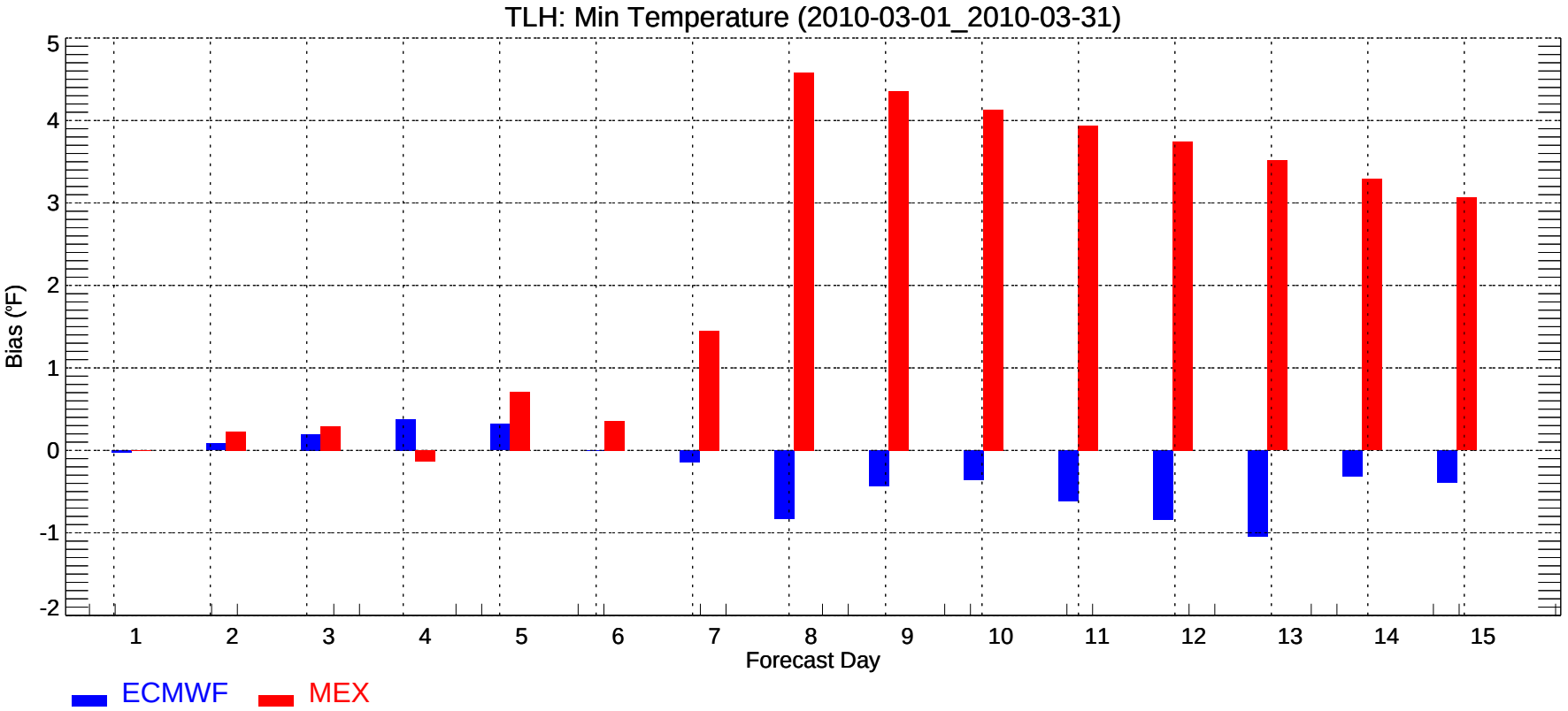

SYR: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

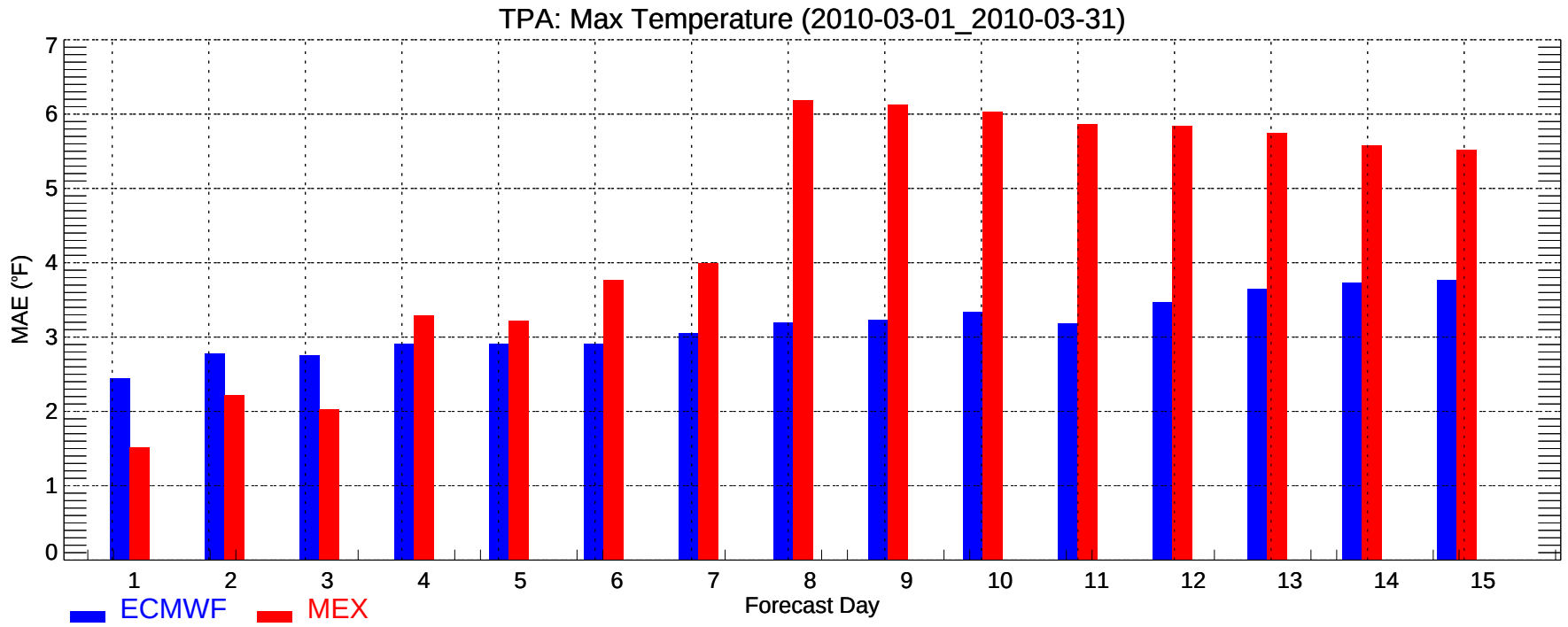

SYR: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TLH: Max Temperature (2010-03-01_2010-03-31)
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


TLH: Max Temperature (2010-03-01_2010-03-31)
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


TLH: Min Temperature (2010-03-01_2010-03-31)
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


TLH: Min Temperature (2010-03-01_2010-03-31)
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


TPA: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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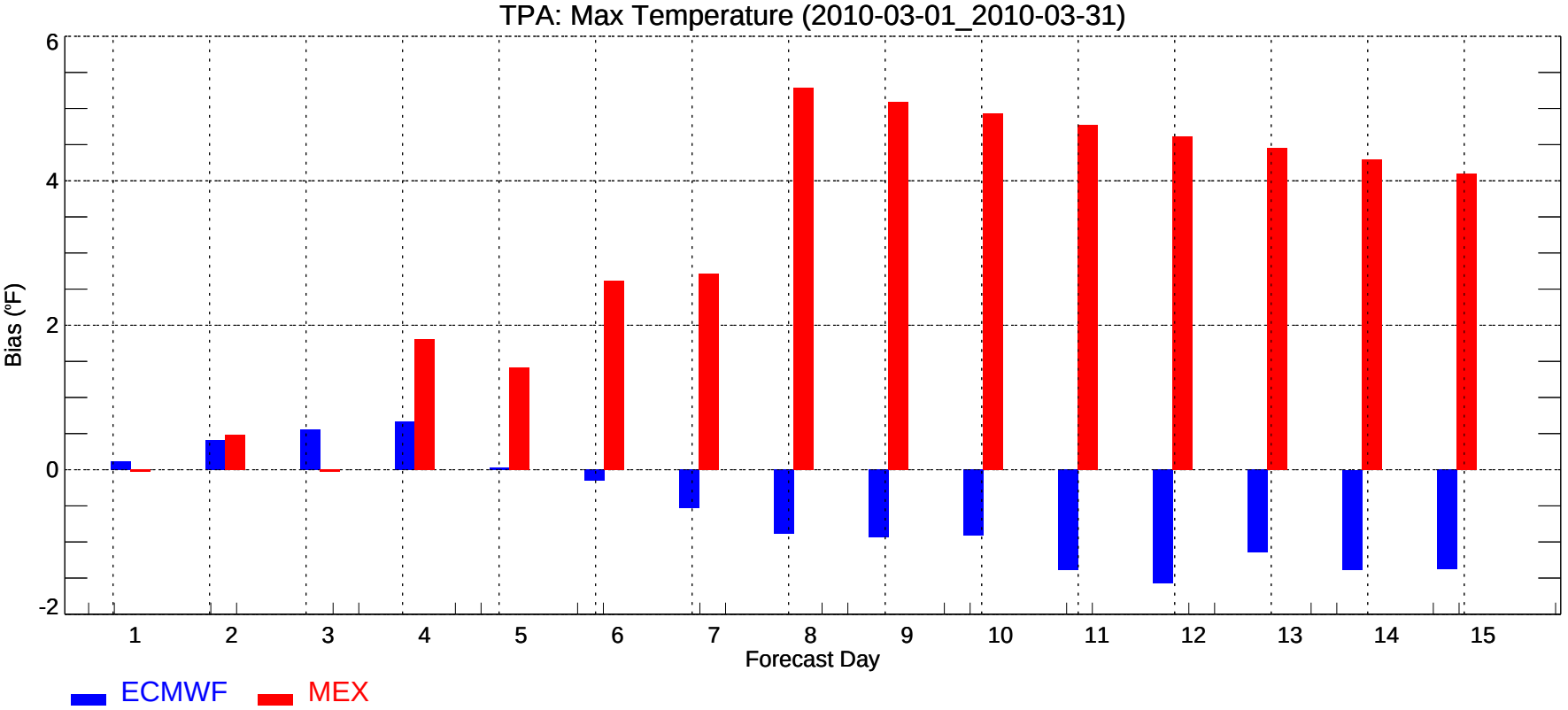
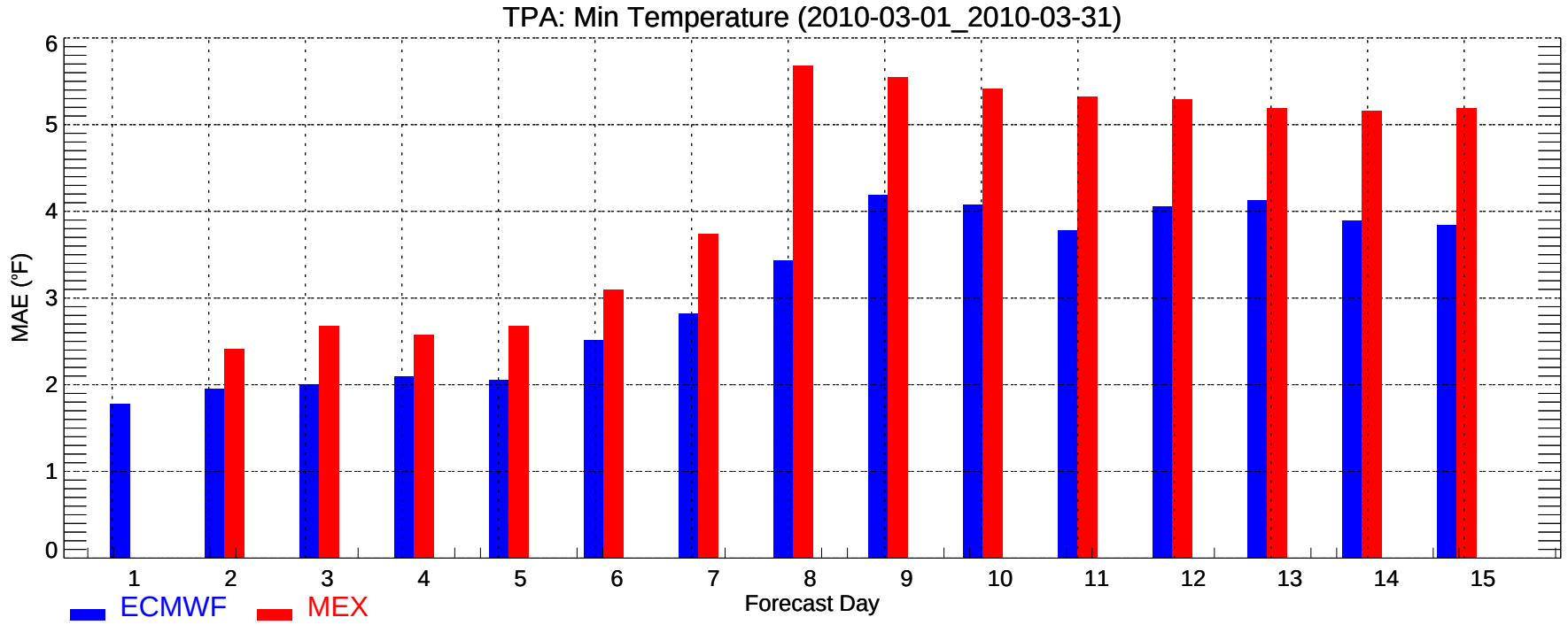
15
Forecast Day
ECMWF
MEX


TPA: Max Temperature (2010-03-01_2010-03-31)
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


TPA: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
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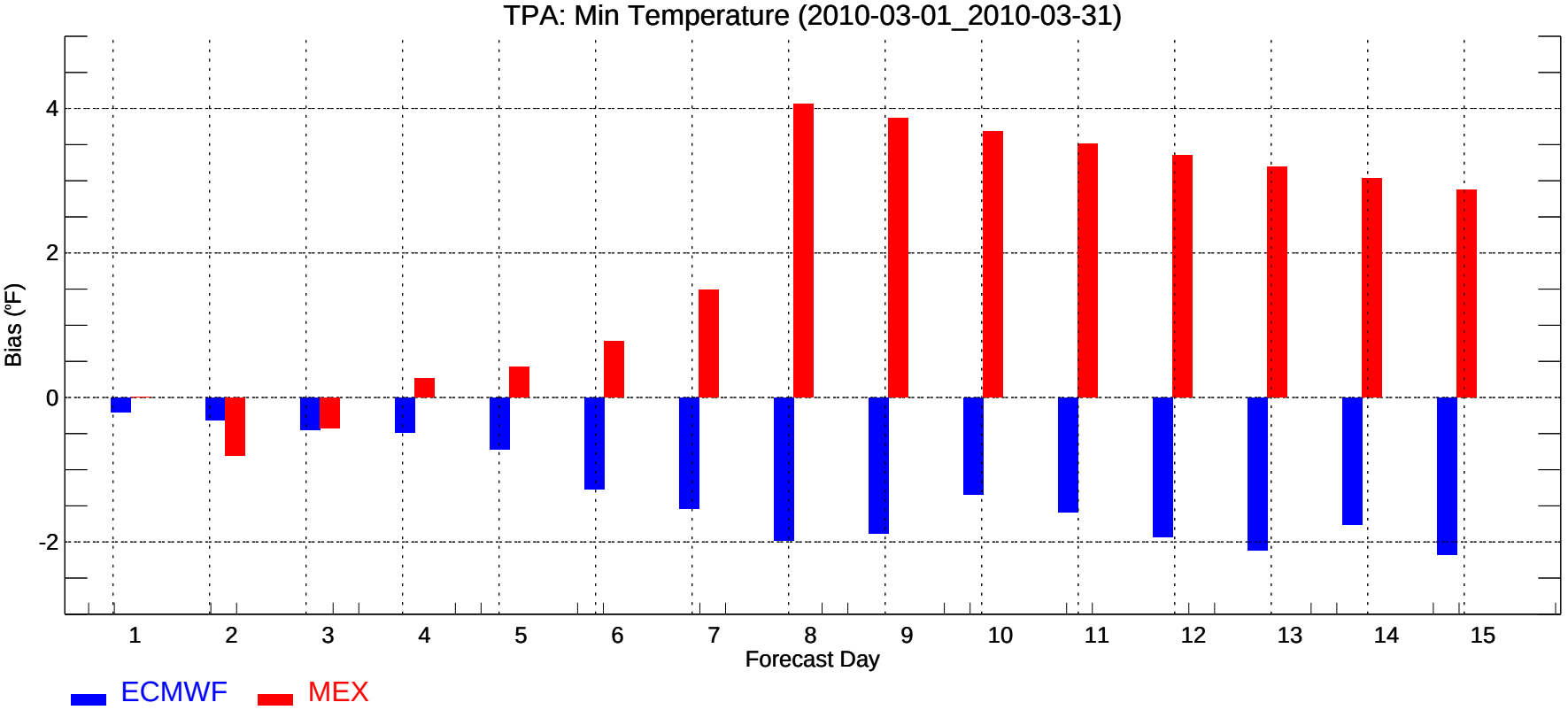
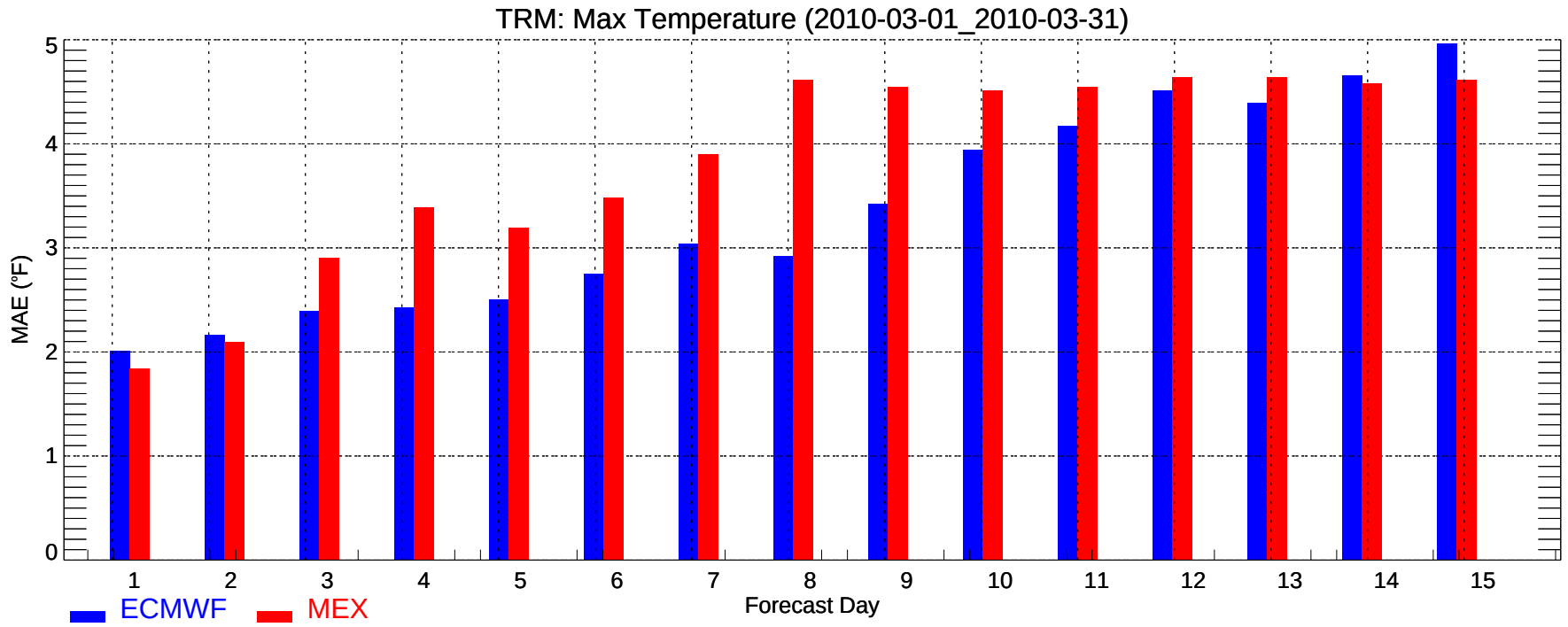
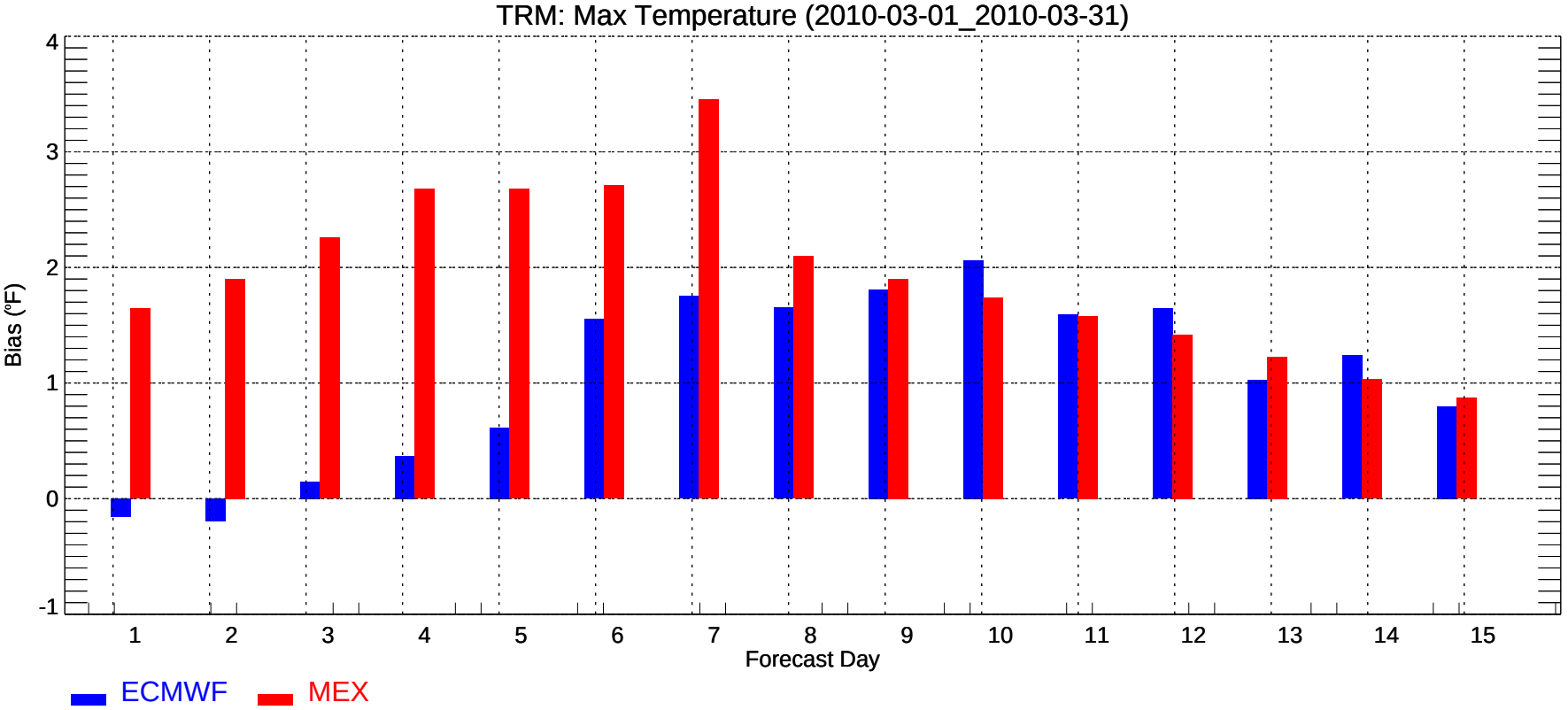
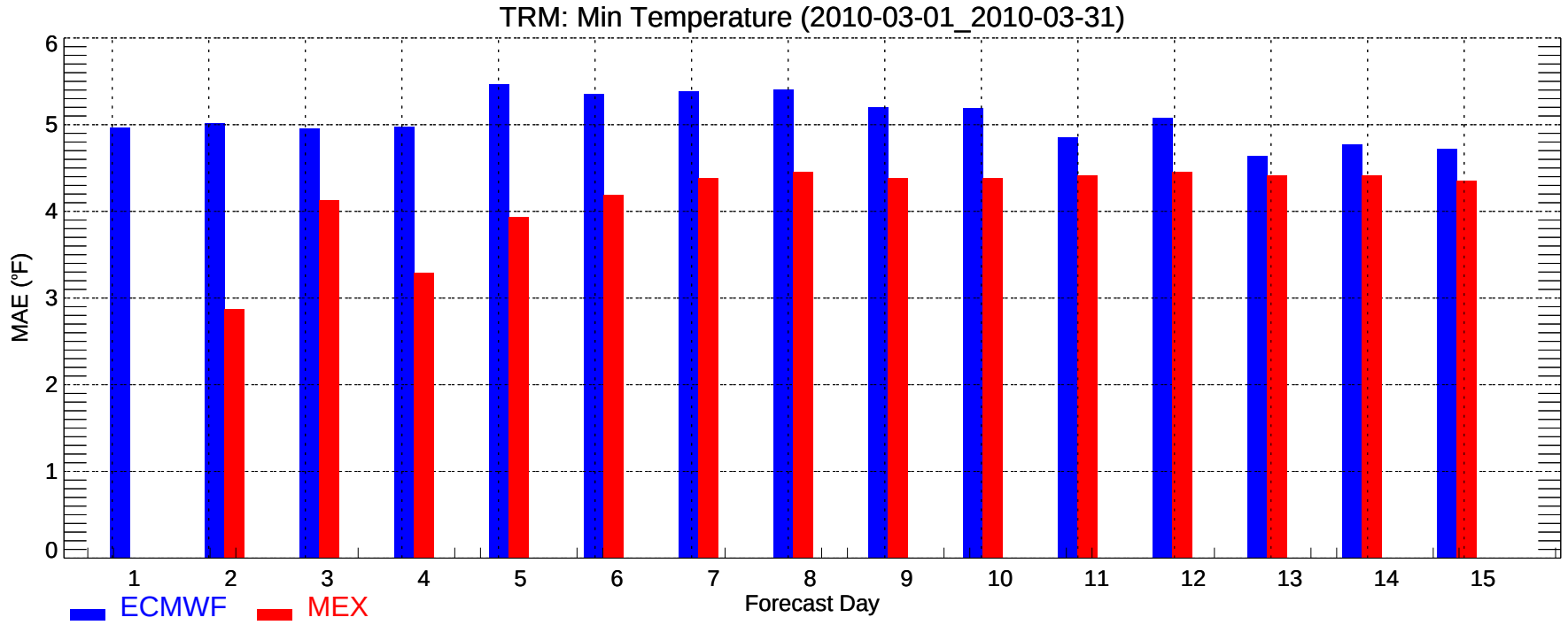
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TPA: Min Temperature (2010-03-01_2010-03-31)
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


TRM: Max Temperature (2010-03-01_2010-03-31)
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


TRM: Max Temperature (2010-03-01_2010-03-31)
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


TRM: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
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6
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8
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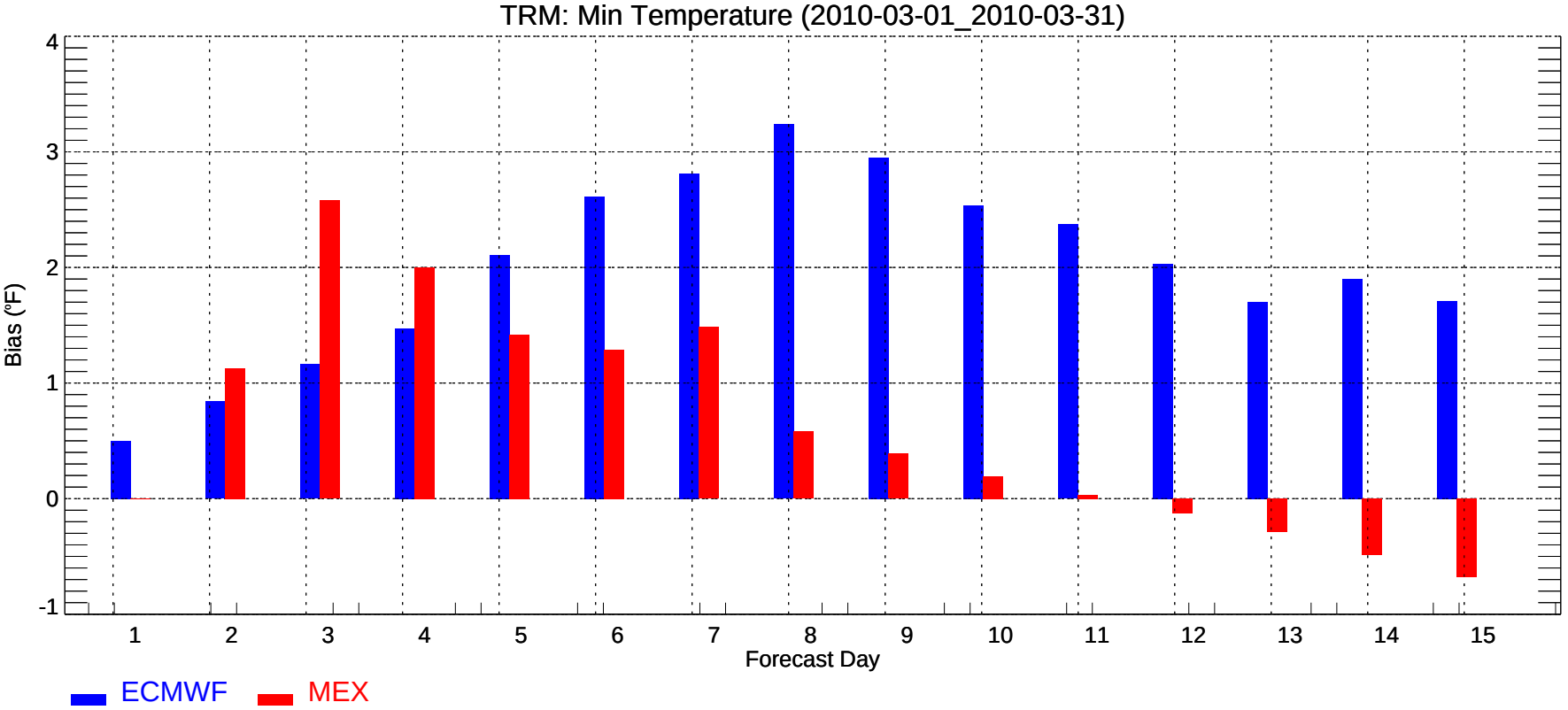
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TRM: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
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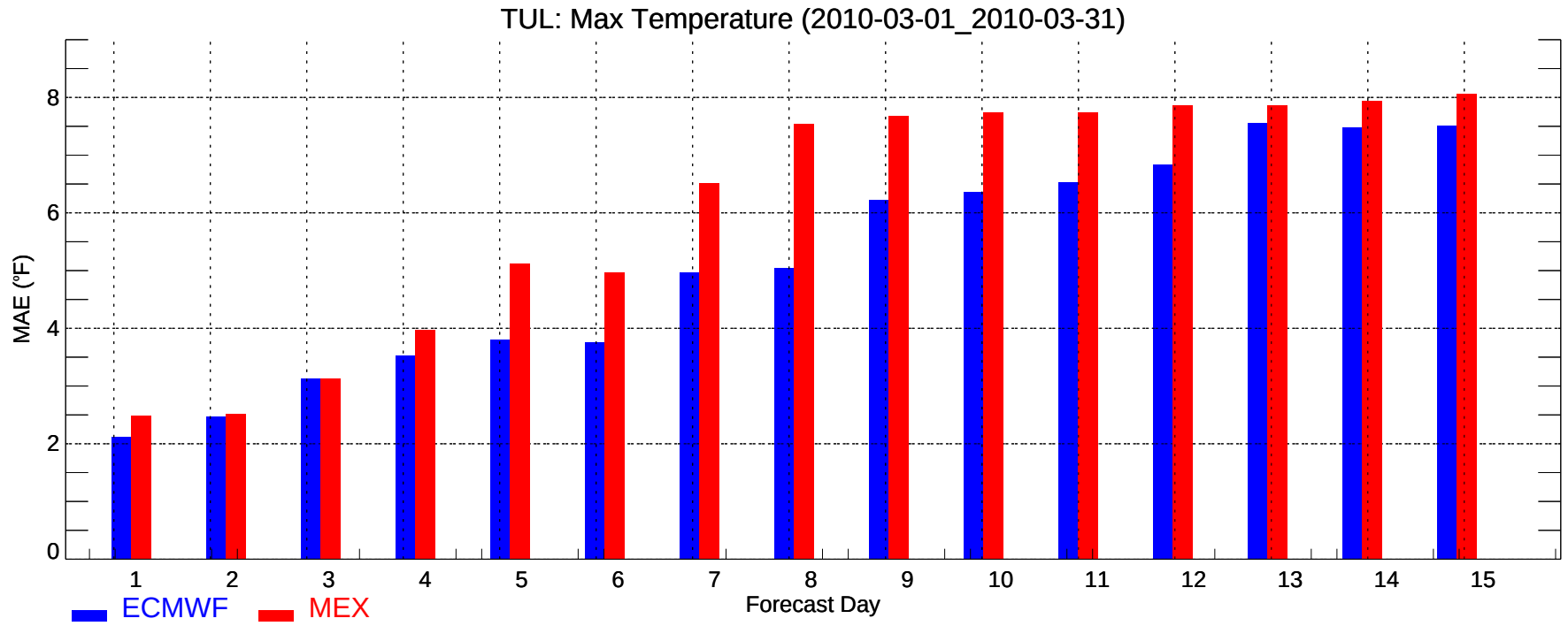
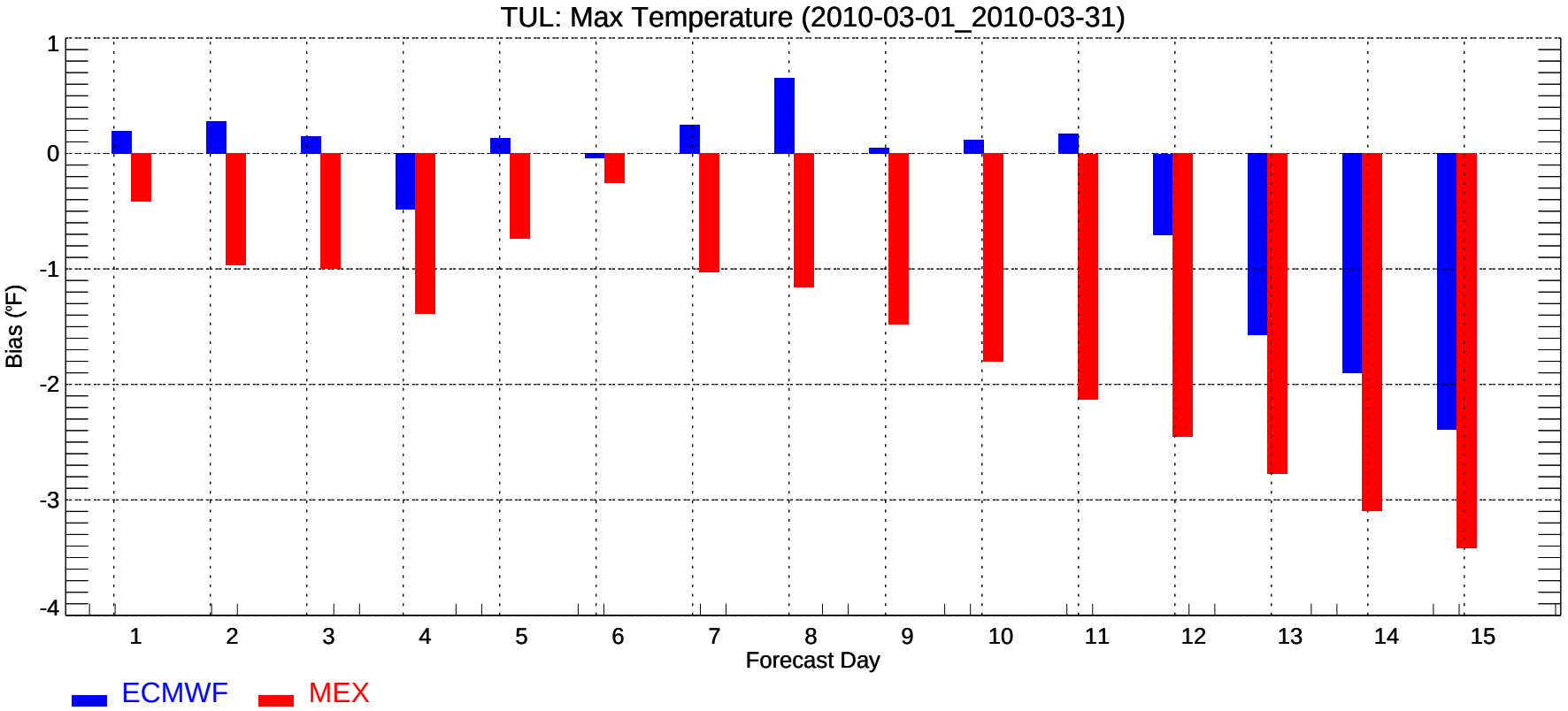
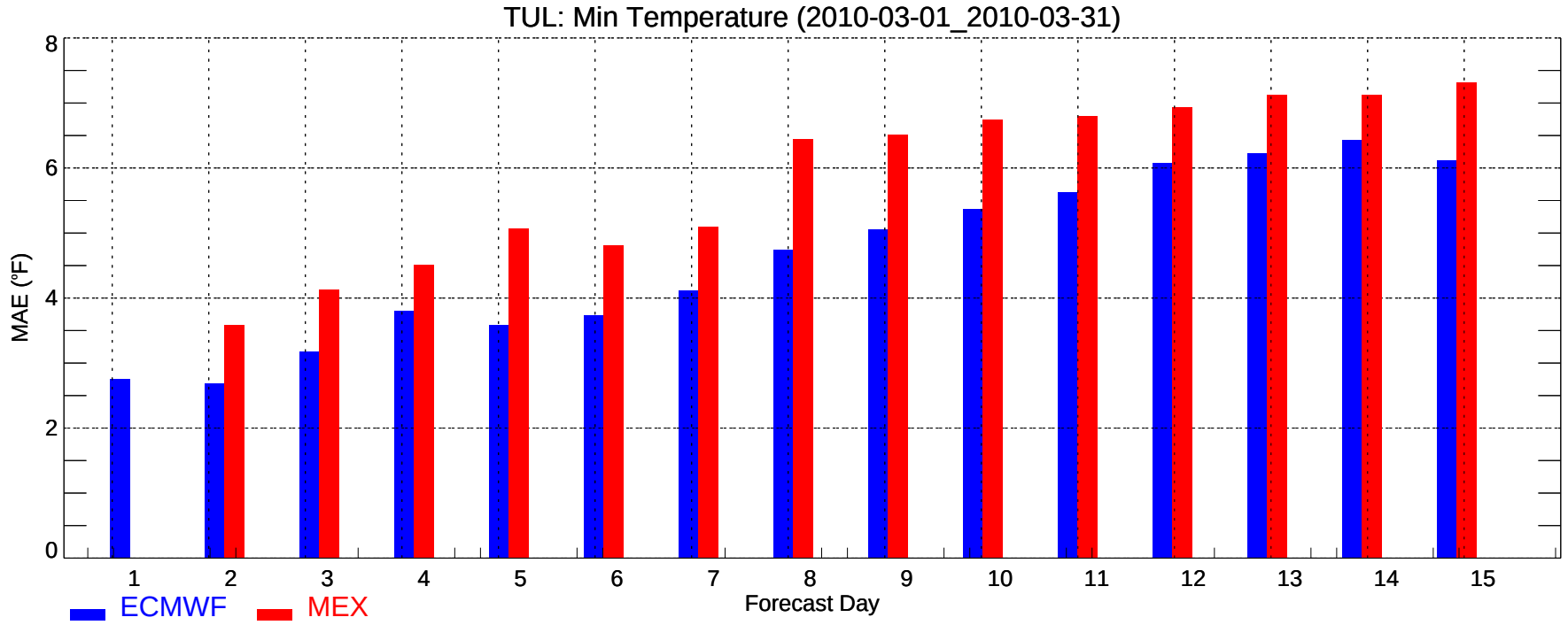
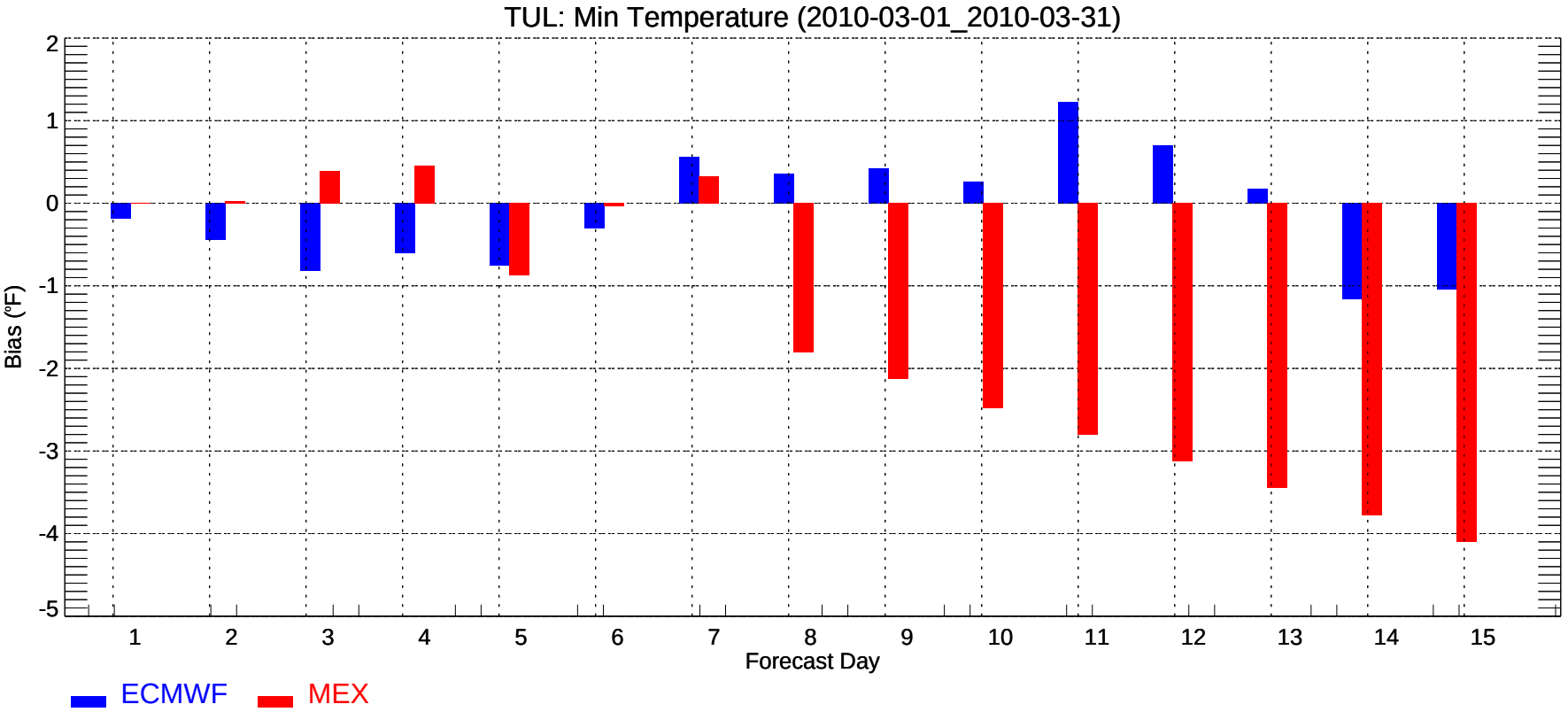
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUL: Max Temperature (2010-03-01_2010-03-31)
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 (2010-03-01_2010-03-31)
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


TUL: Min Temperature (2010-03-01_2010-03-31)
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: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-5
-4
-3
-2
-1
0
1
2
1
2
3
4
5
6
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8
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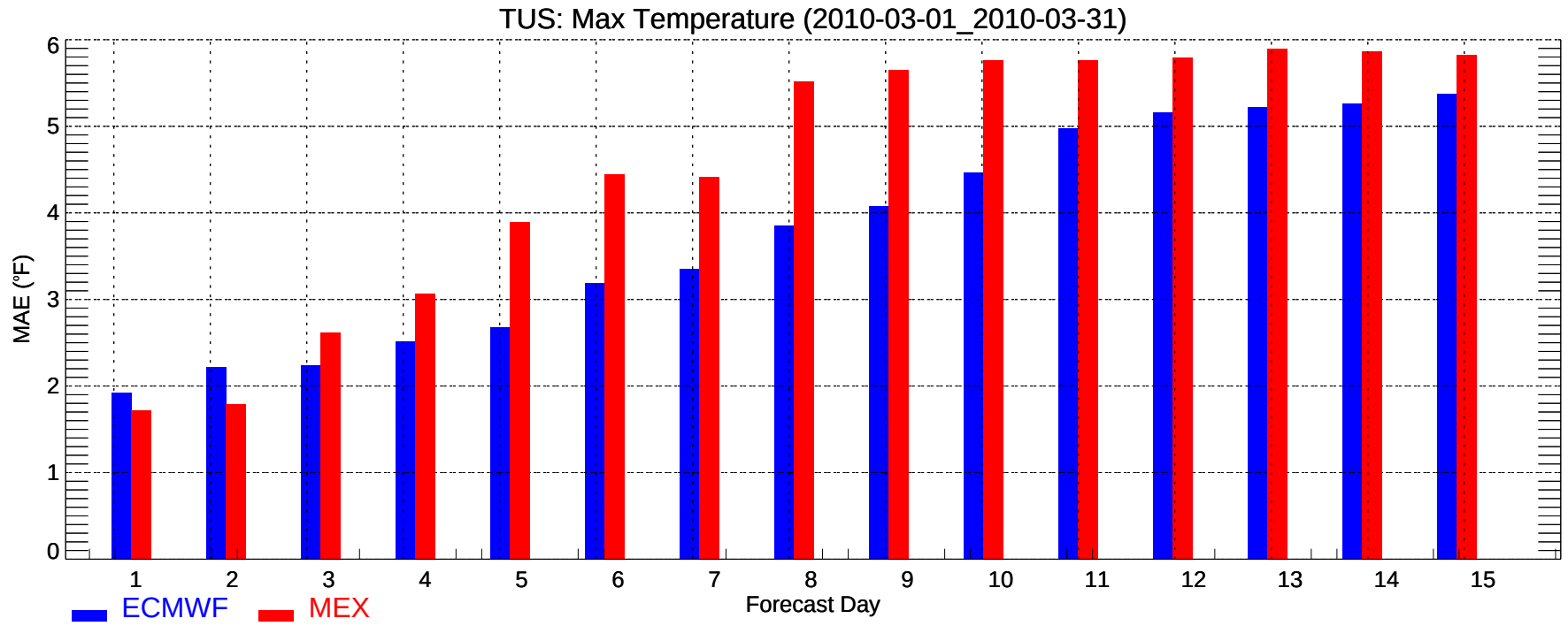
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUS: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
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8
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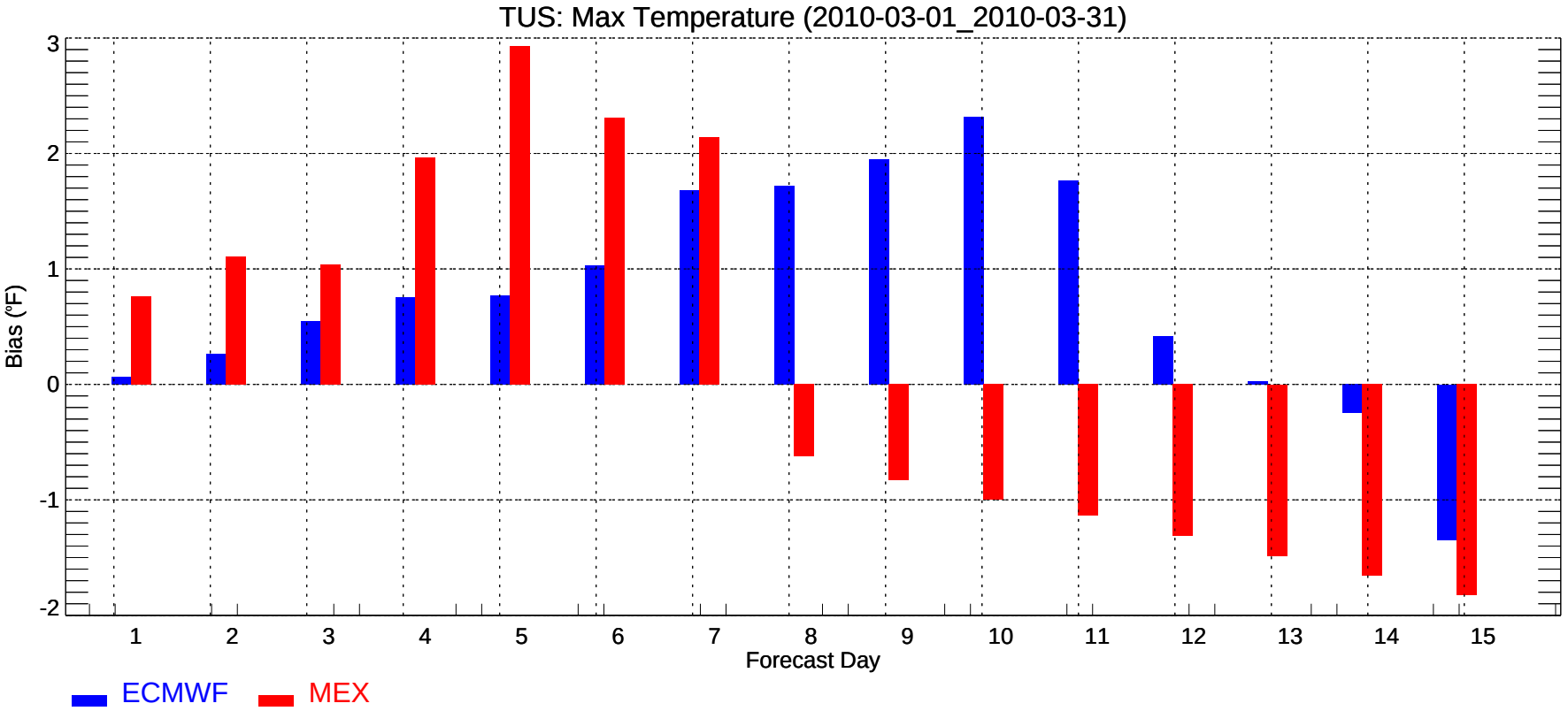
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUS: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
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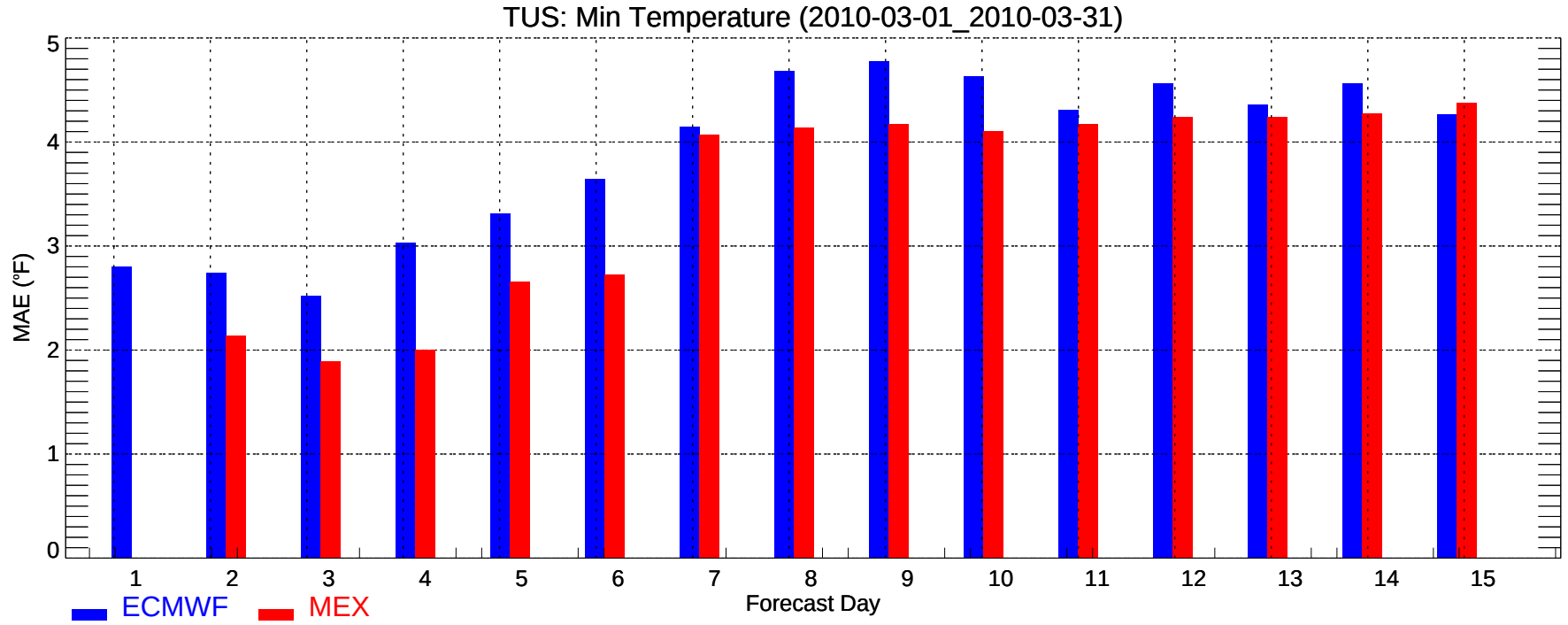
Forecast Day
ECMWF
MEX


TUS: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
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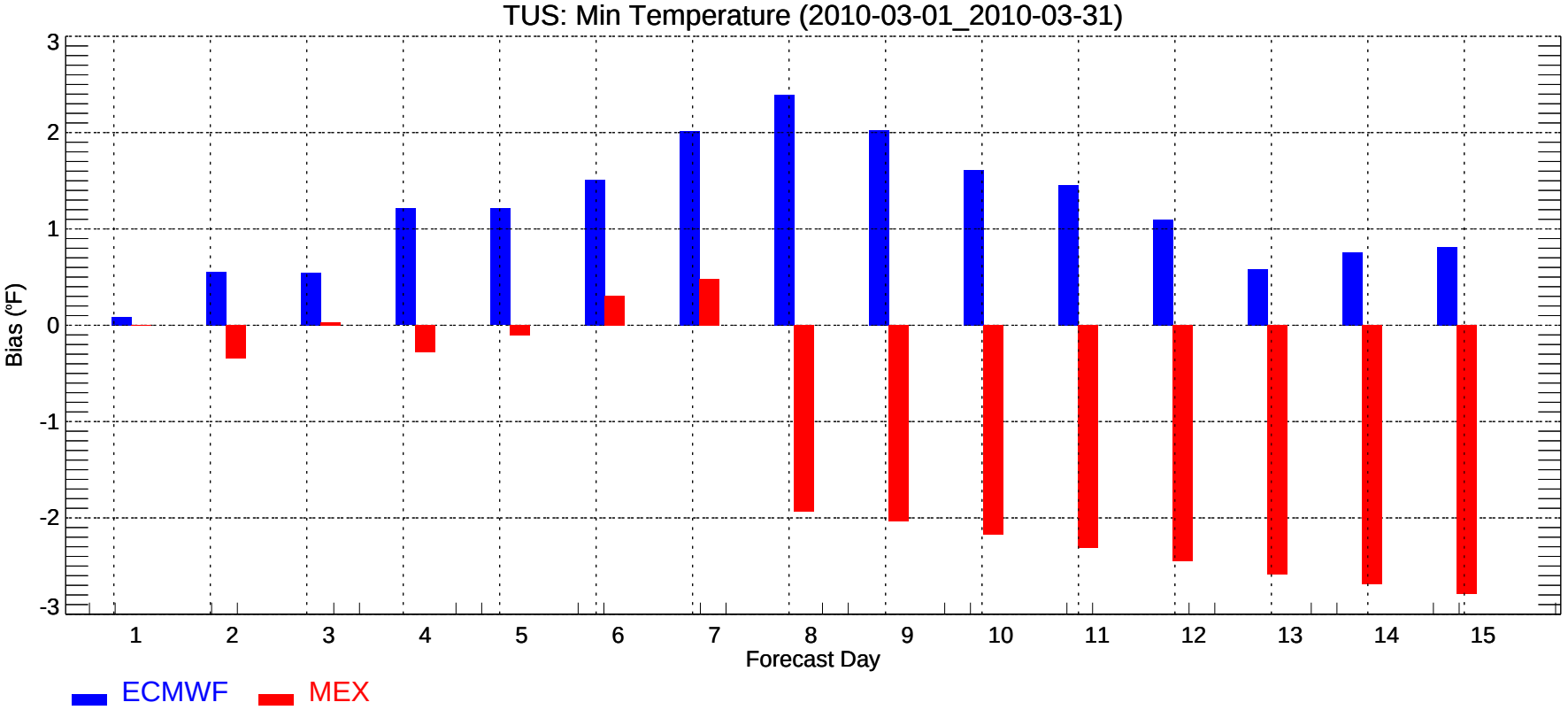
15
Forecast Day
ECMWF
MEX


TUS: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
3
1
2
3
4
5
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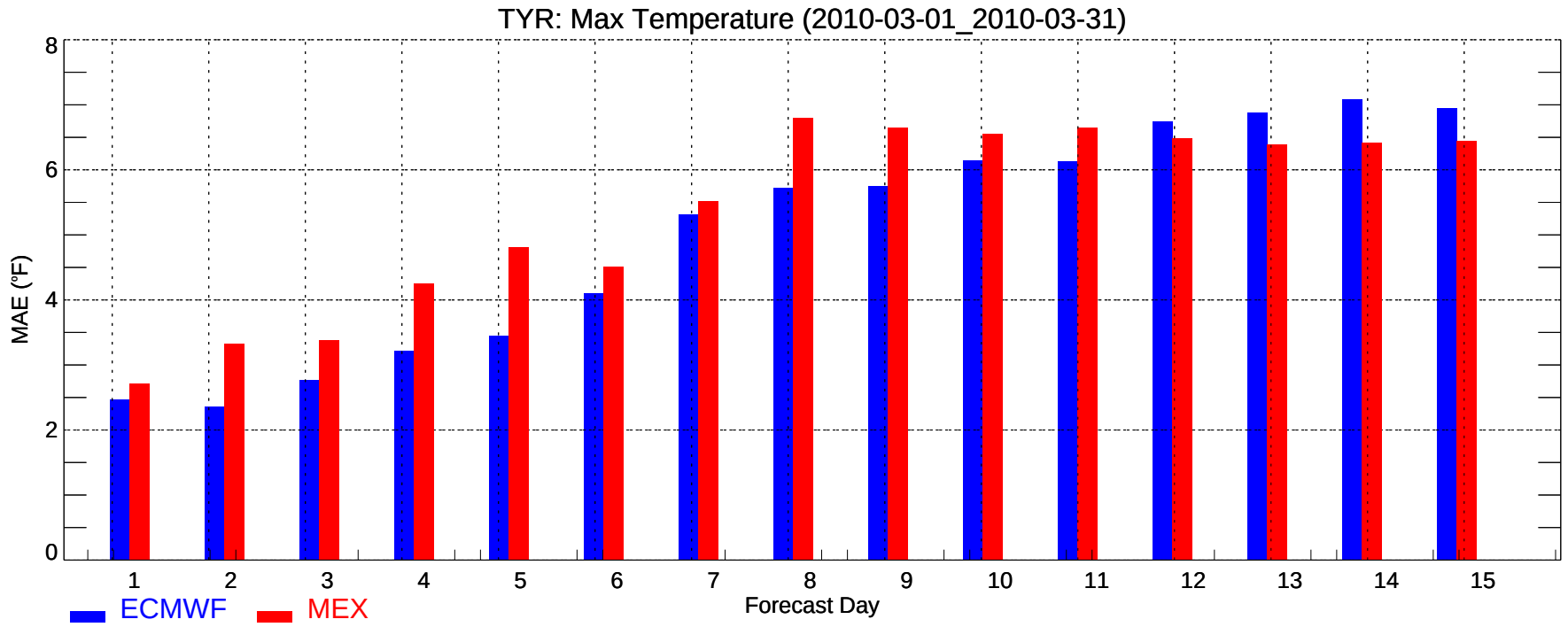
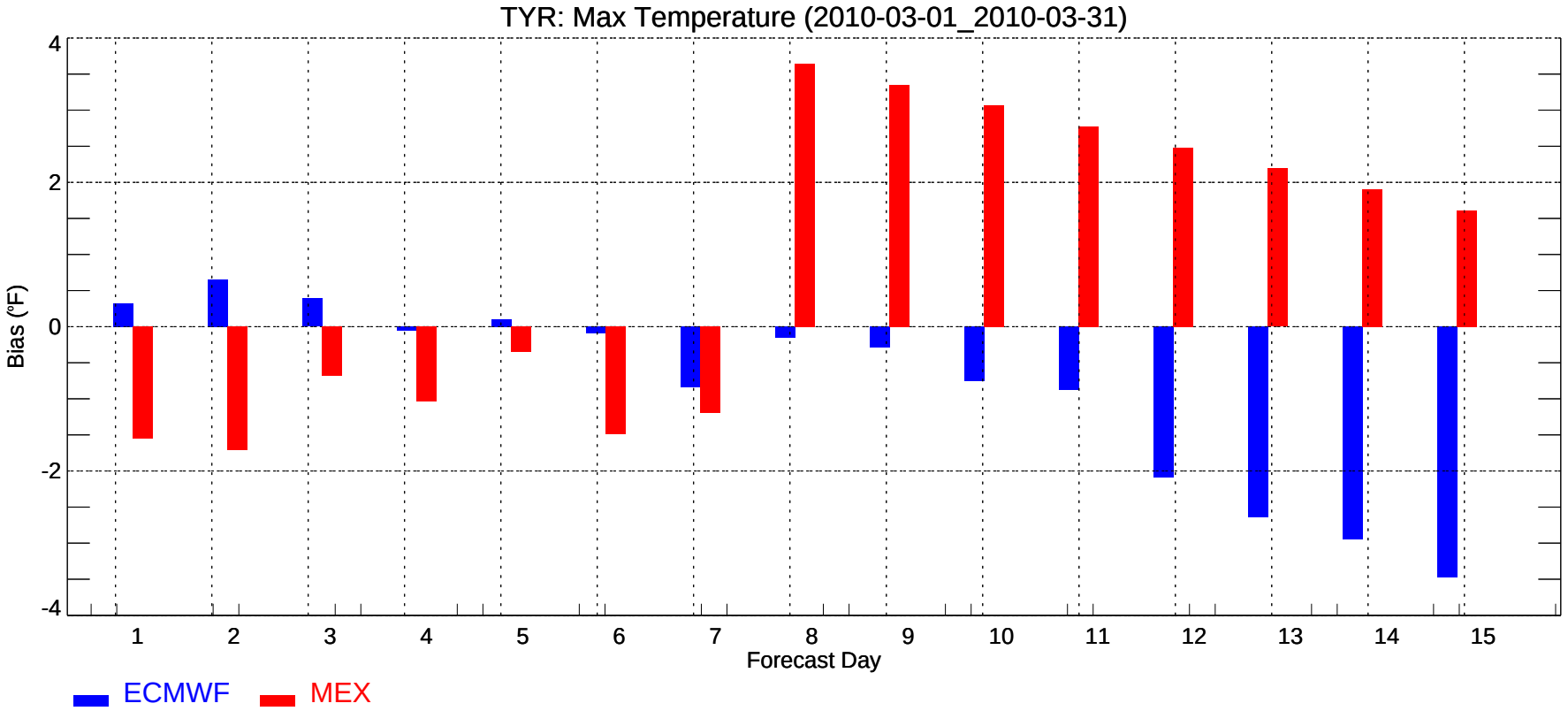
13
14
15
Forecast Day
ECMWF
MEX


TYR: Max Temperature (2010-03-01_2010-03-31)
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 (2010-03-01_2010-03-31)
Bias (°F)
-4
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
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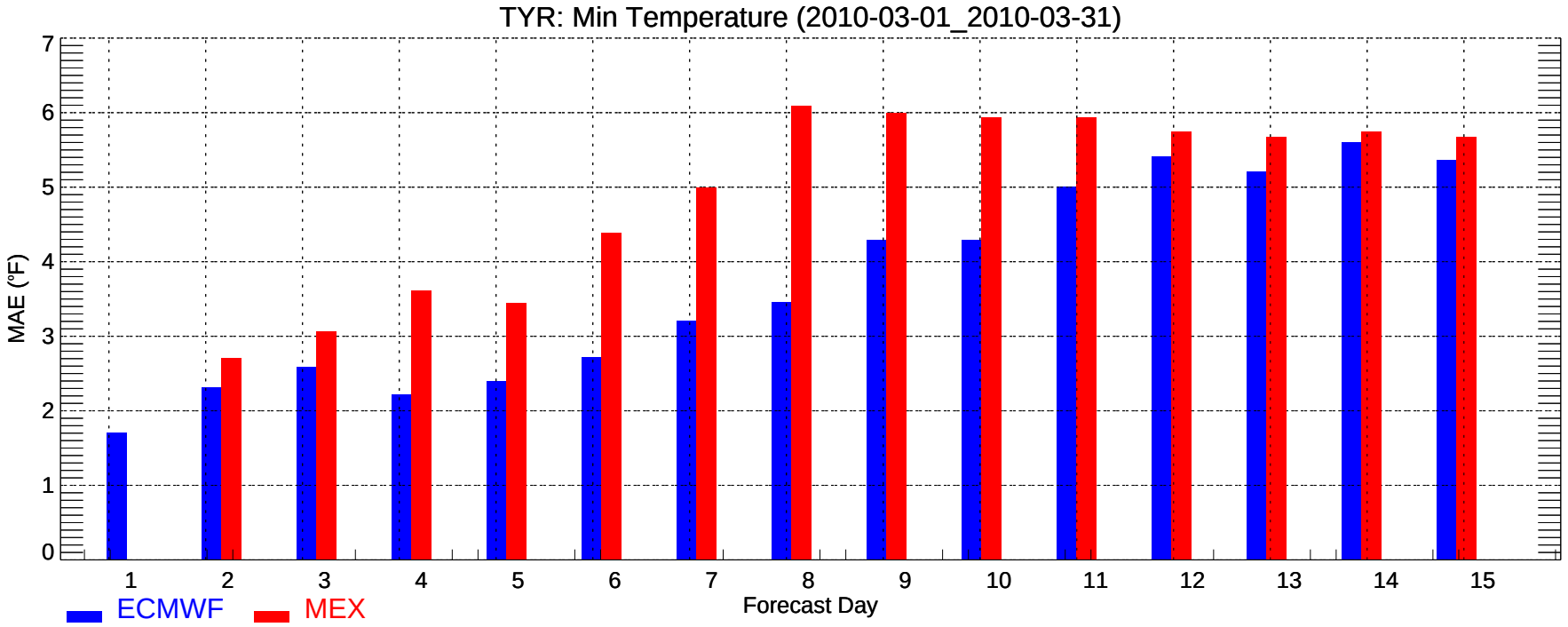
13
14
15
Forecast Day
ECMWF
MEX


TYR: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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6
7
8
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11
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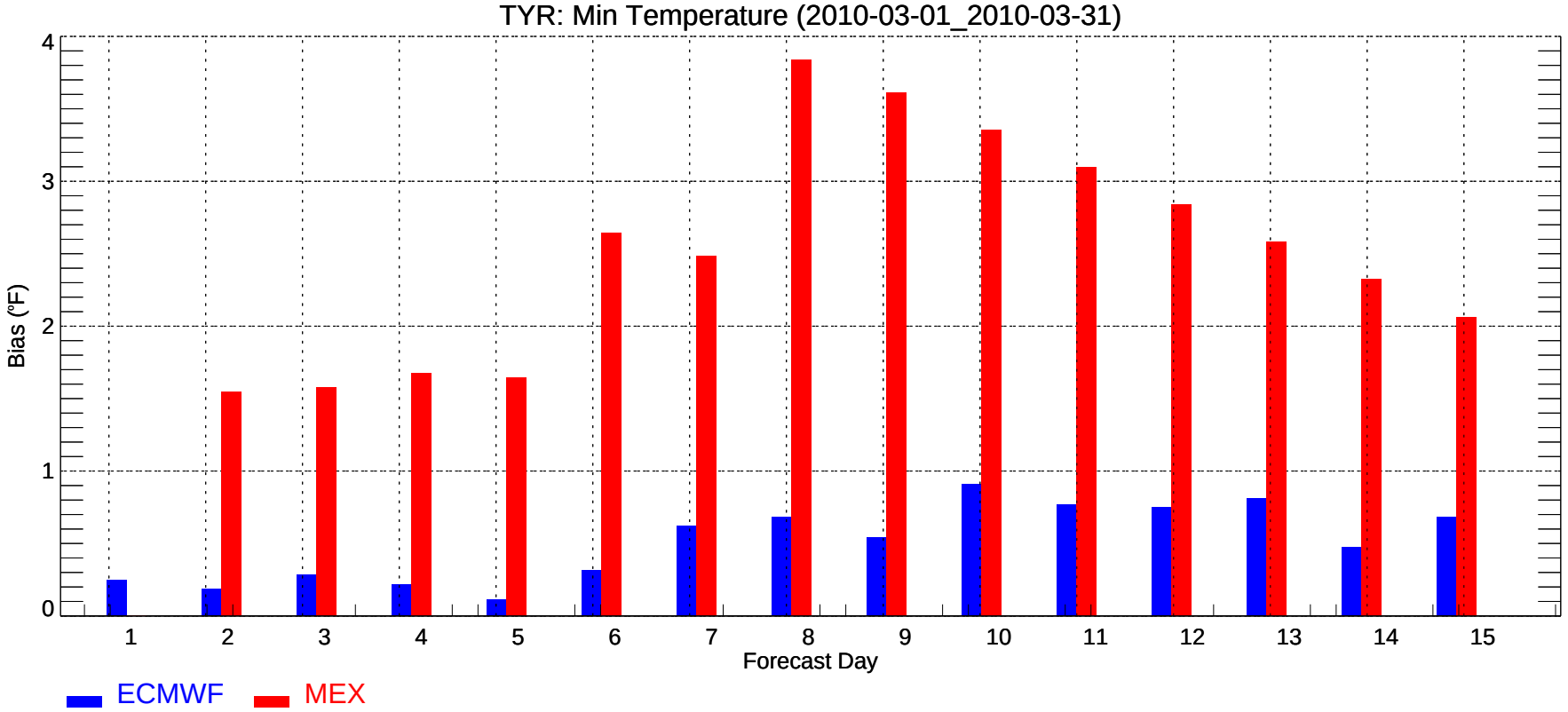
Forecast Day
ECMWF
MEX


TYR: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
1
2
3
4
1
2
3
4
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7
8
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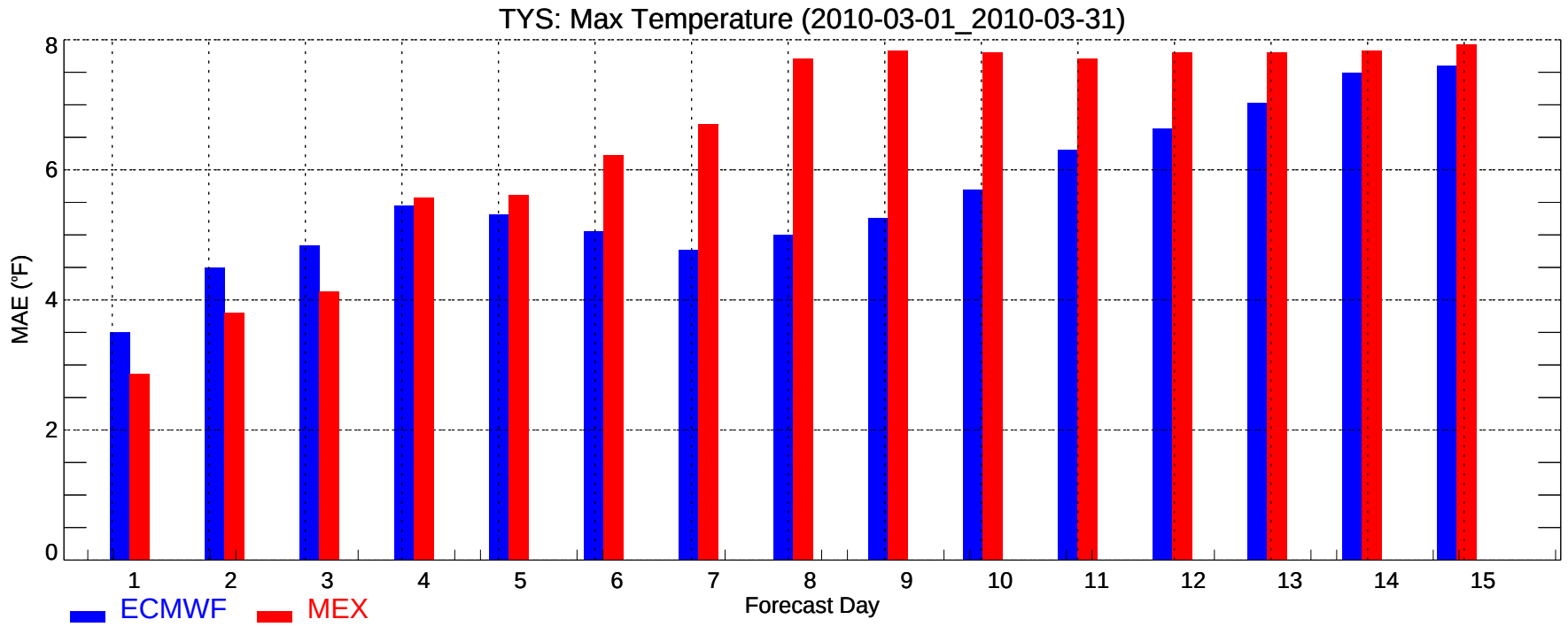
Forecast Day
ECMWF
MEX


TYS: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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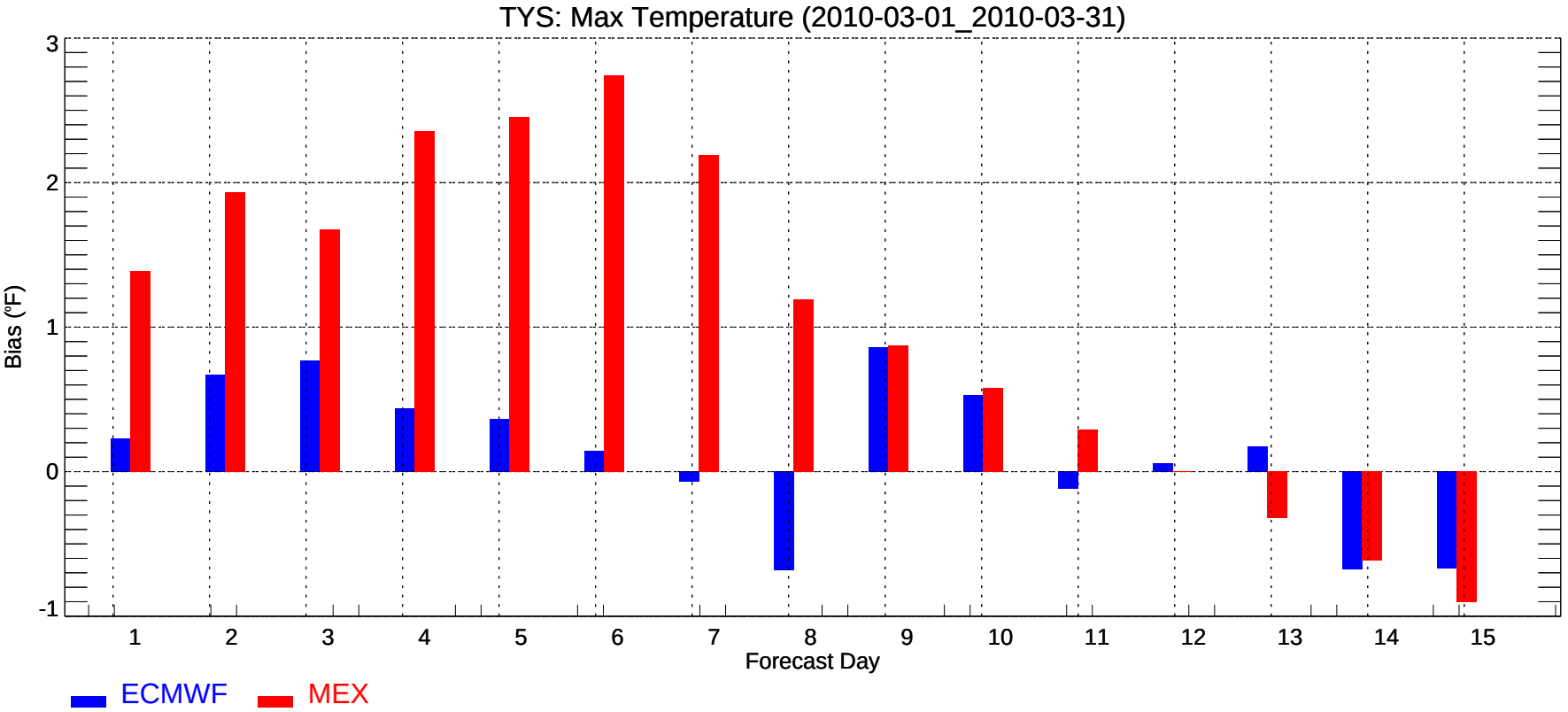
12
13
14
15
Forecast Day
ECMWF
MEX


TYS: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
1
2
3
4
5
6
7
8
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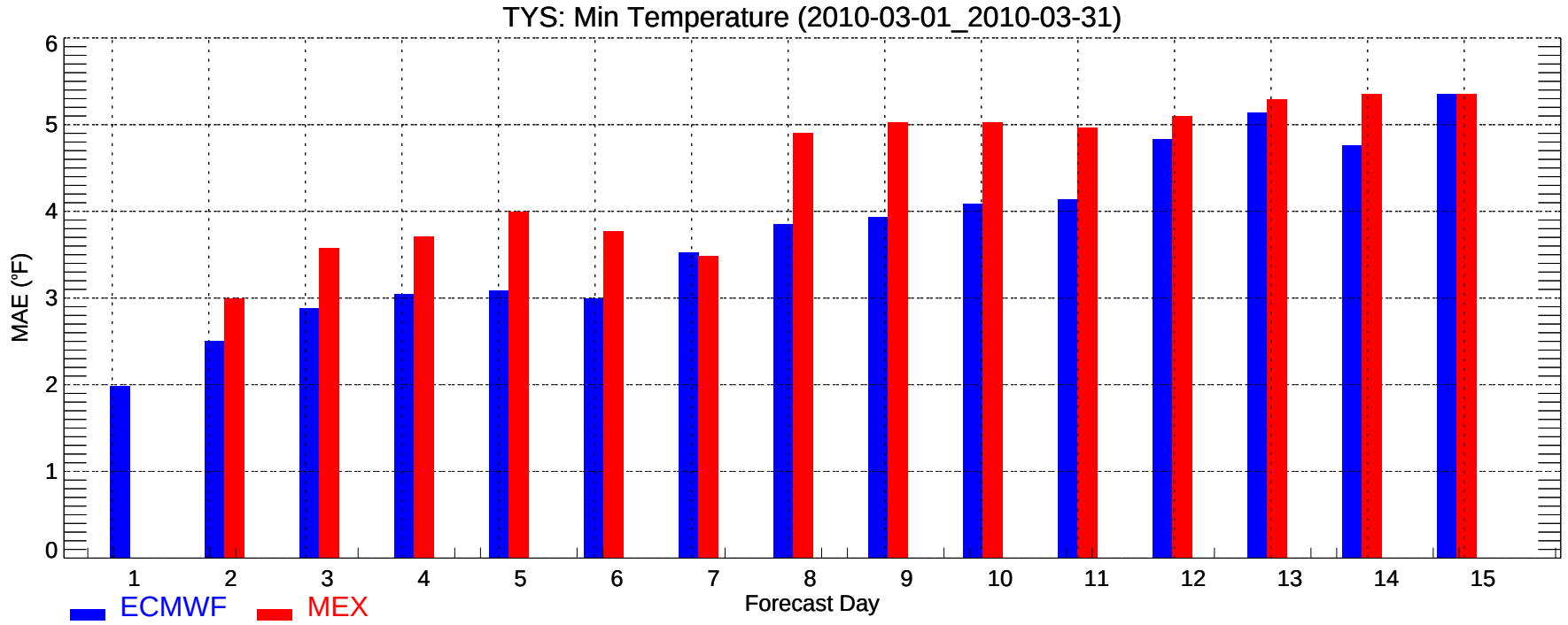
Forecast Day
ECMWF
MEX


TYS: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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13
14
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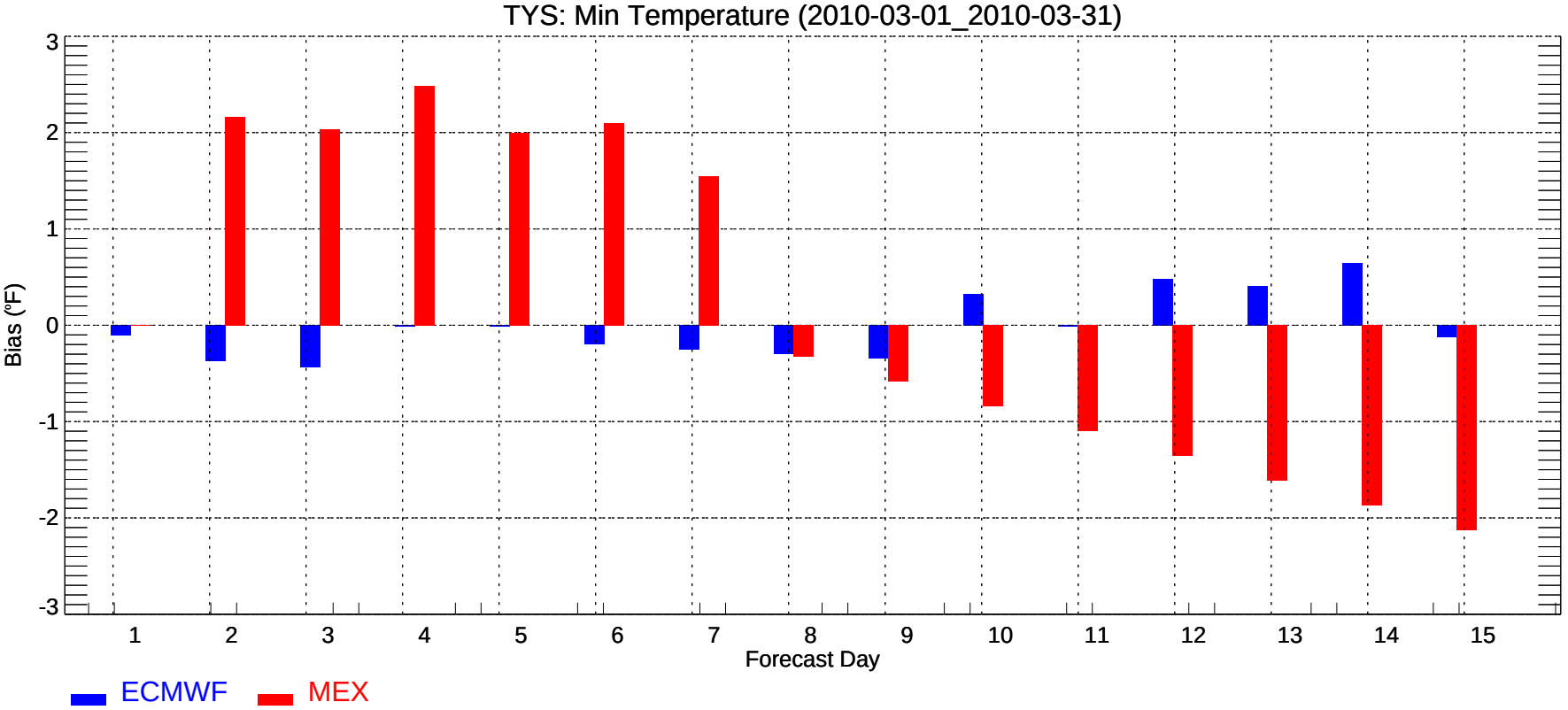
Forecast Day
ECMWF
MEX


TYS: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
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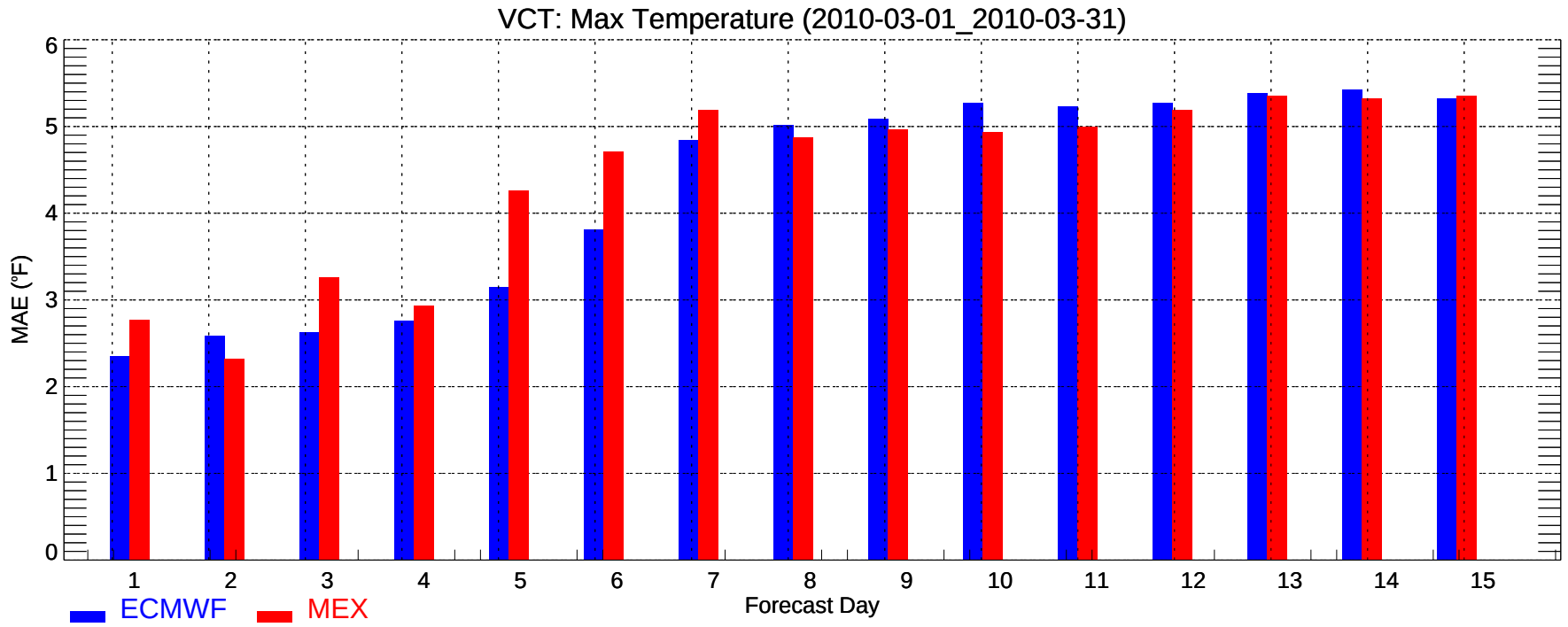
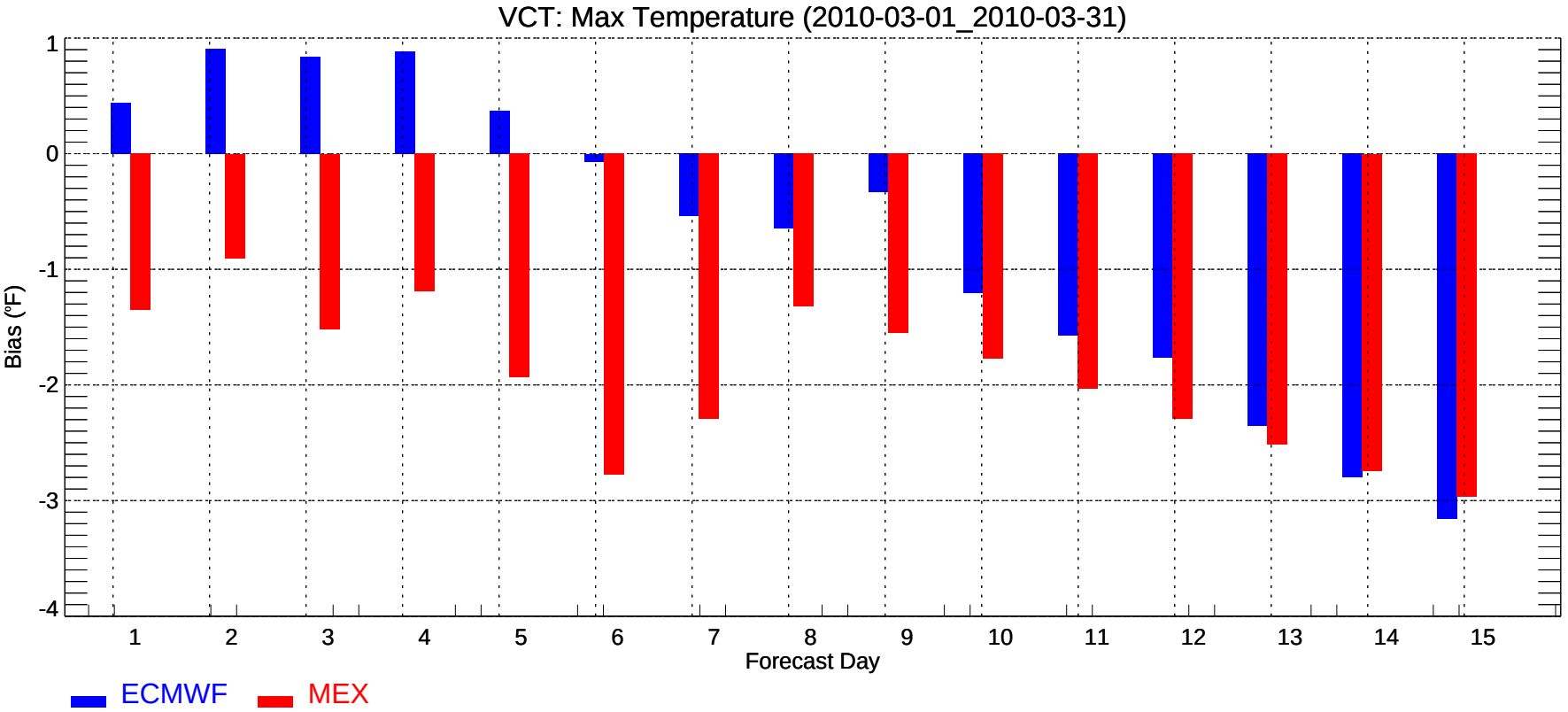
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


VCT: Max Temperature (2010-03-01_2010-03-31)
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


VCT: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
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10
11
12
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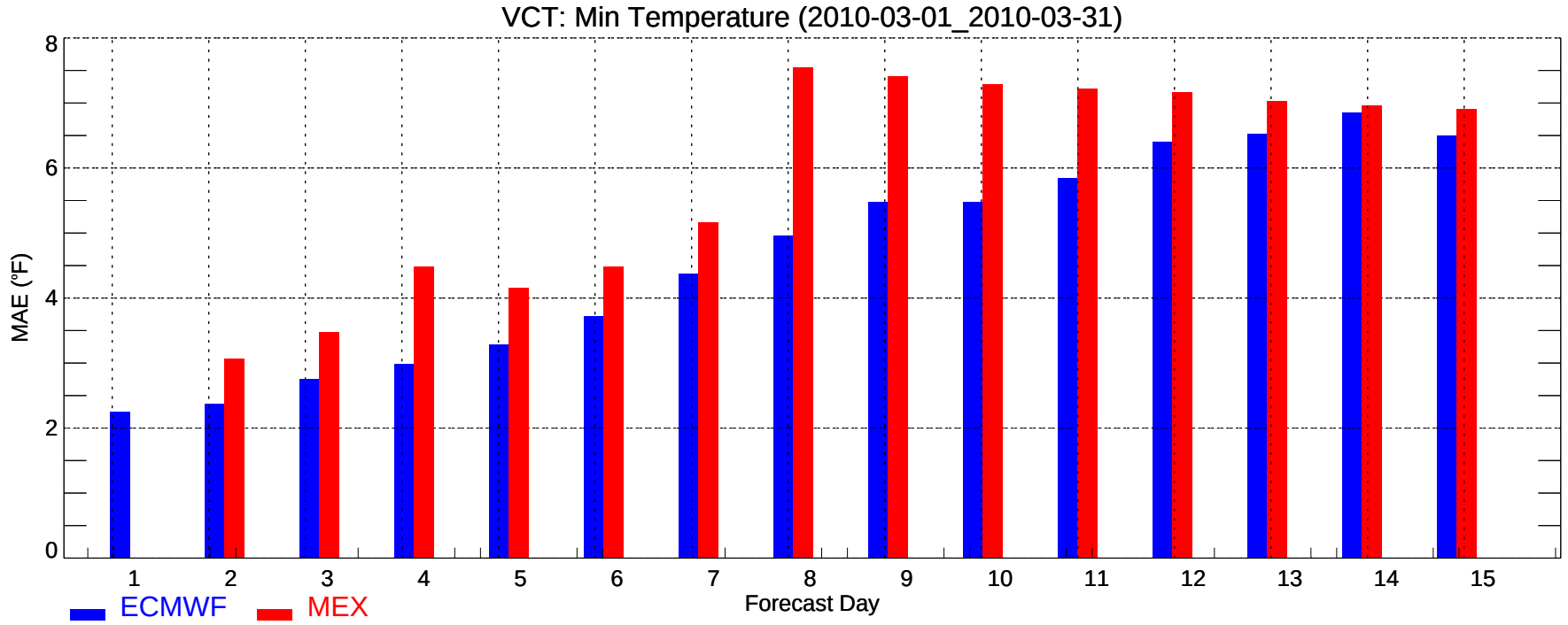
14
15
Forecast Day
ECMWF
MEX


VCT: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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10
11
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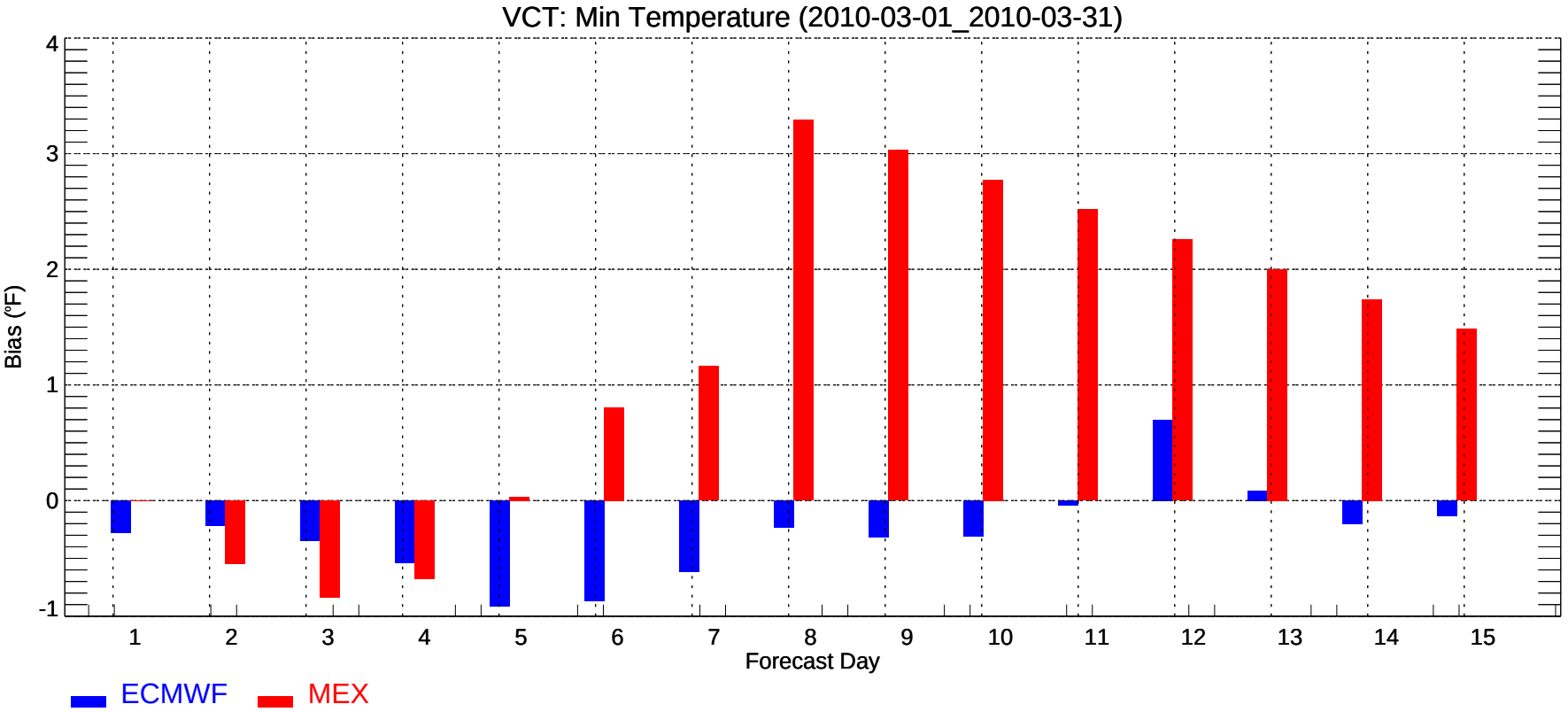
13
14
15
Forecast Day
ECMWF
MEX


VCT: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
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6
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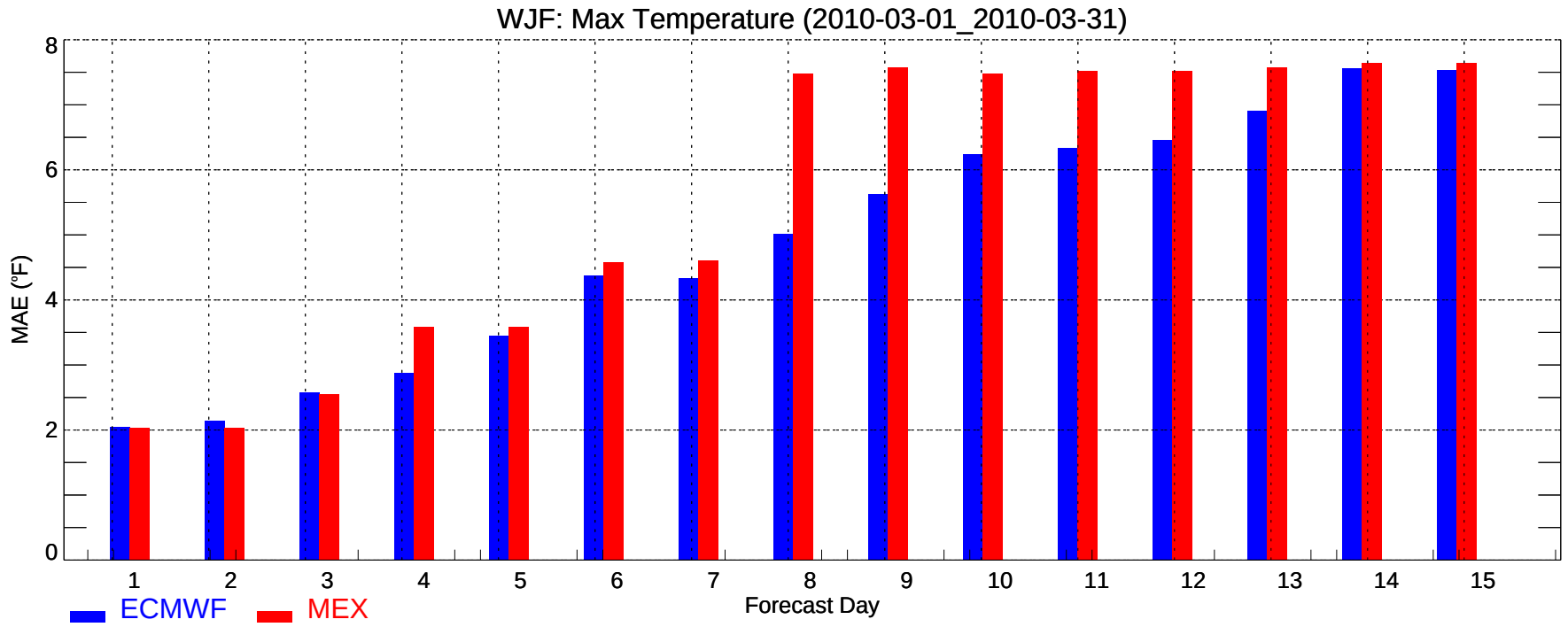
14
15
Forecast Day
ECMWF
MEX


WJF: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
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8
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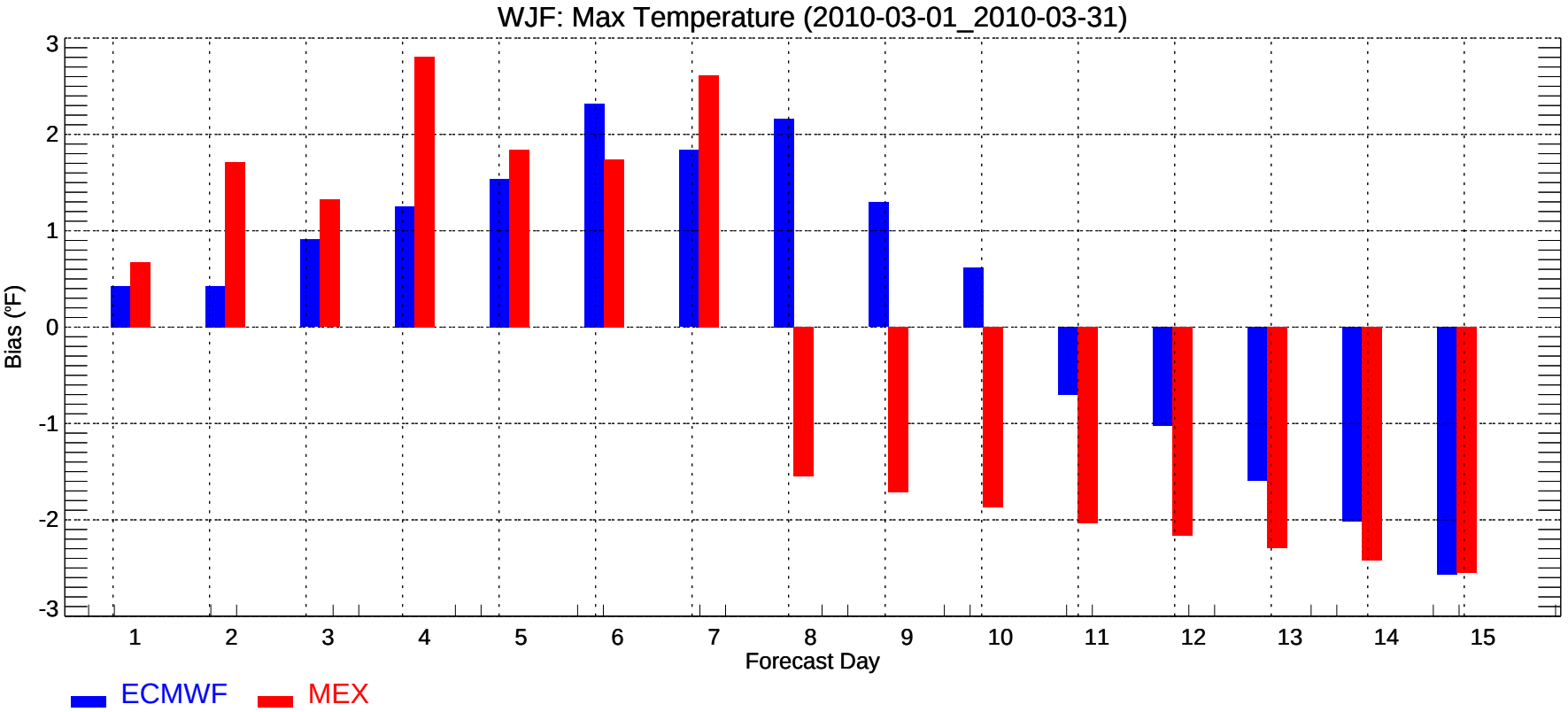
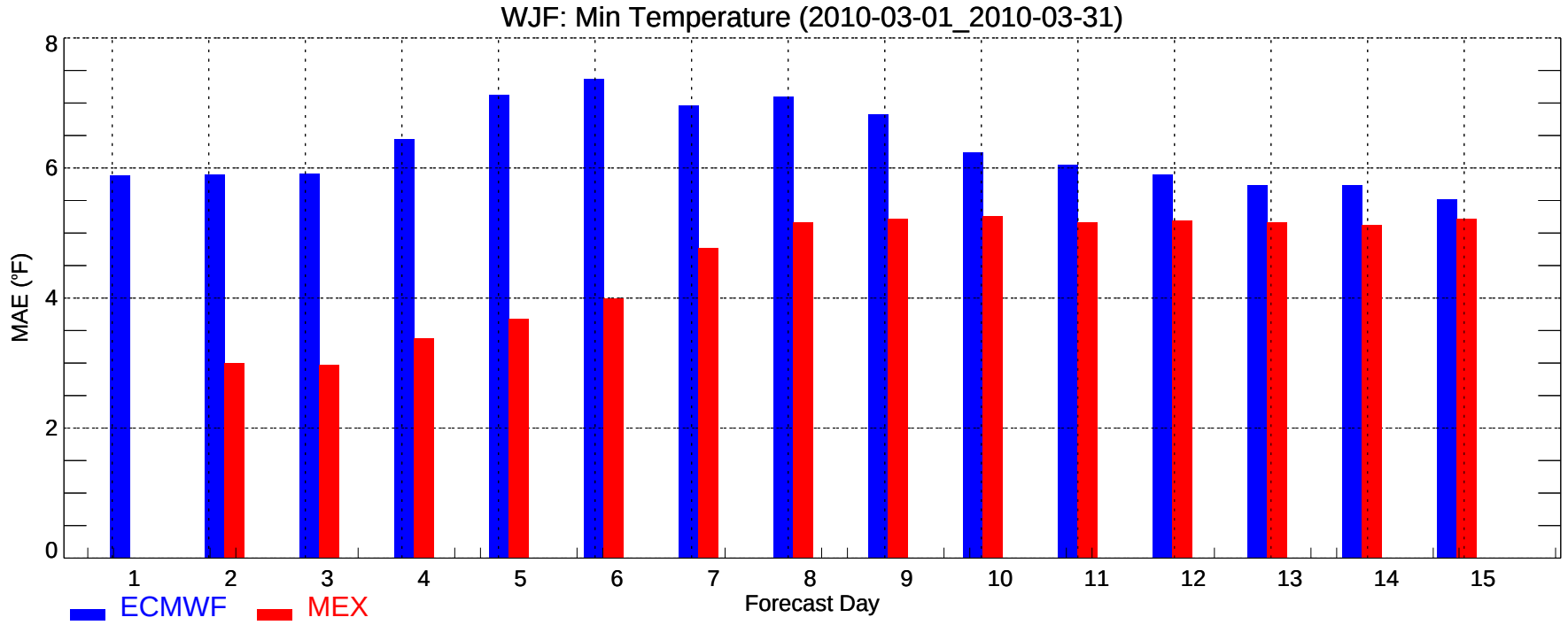
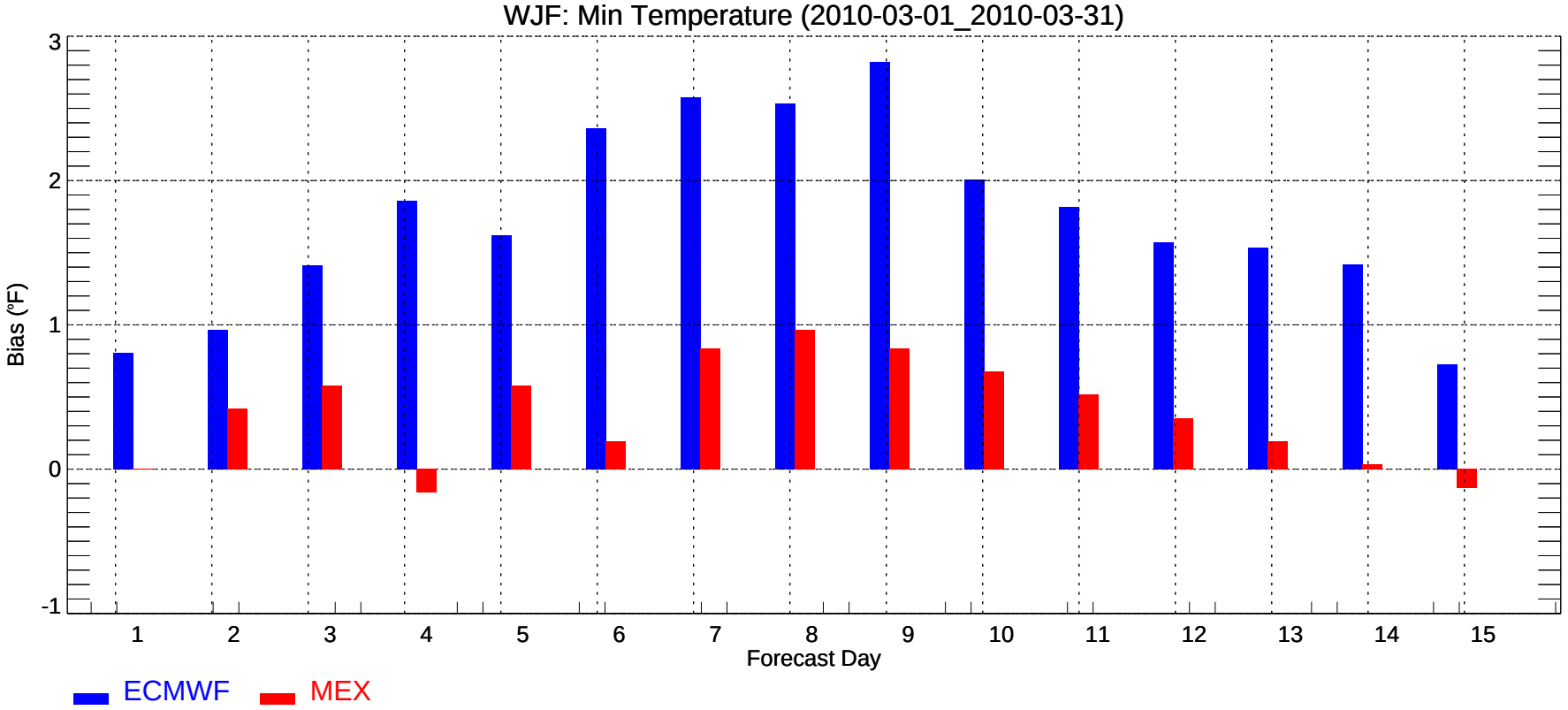
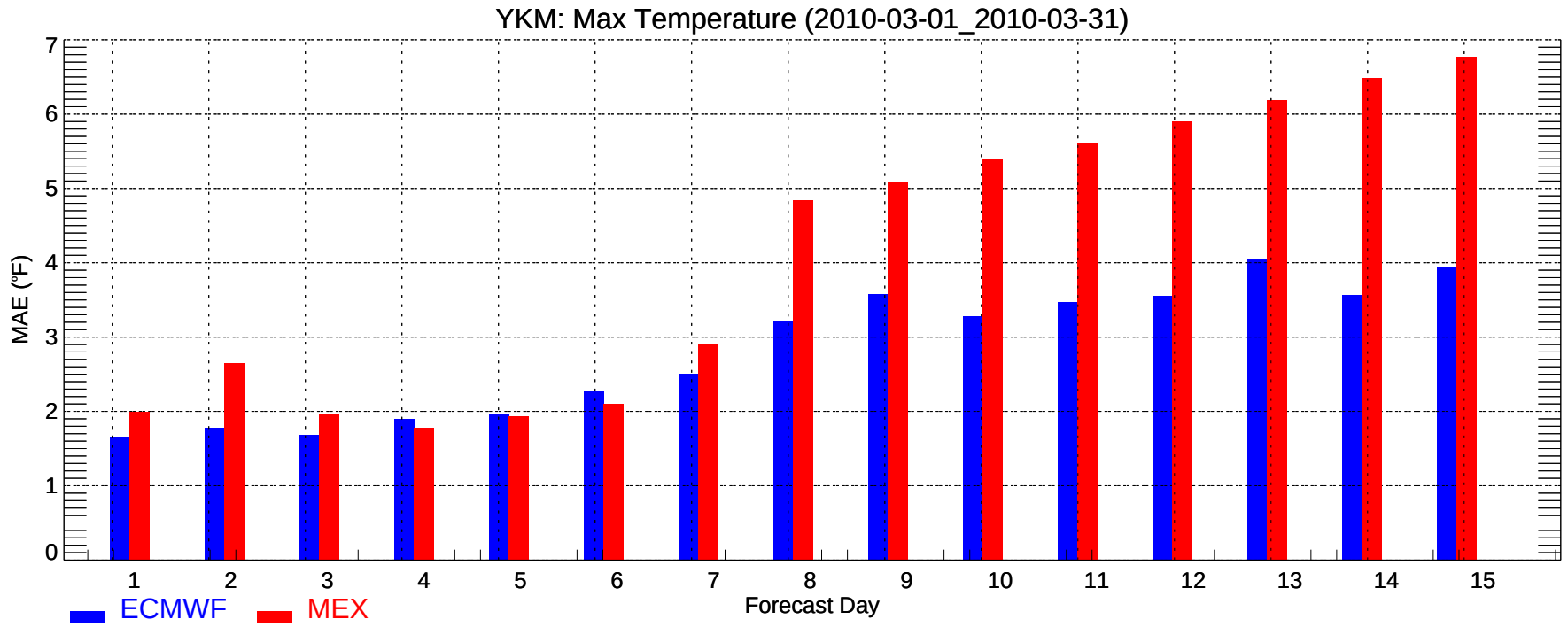
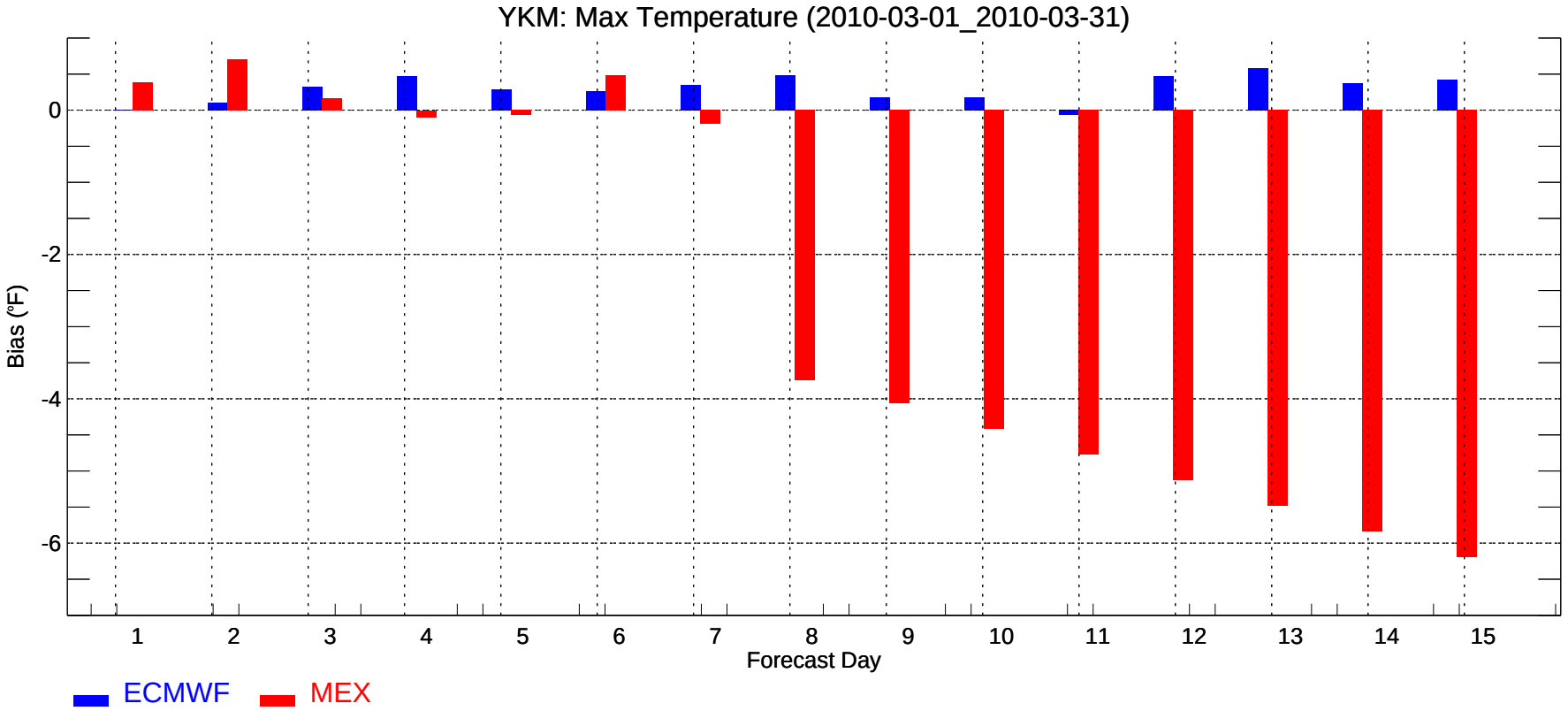
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

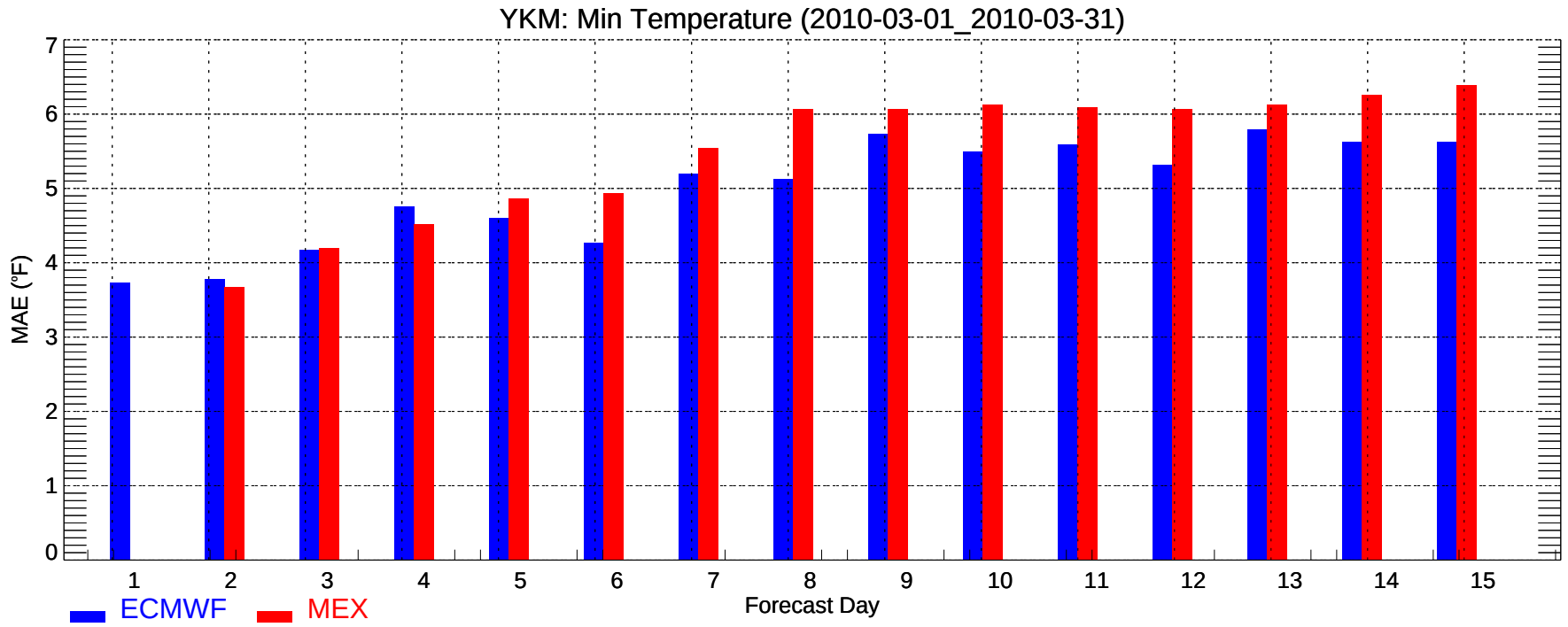

WJF: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
-3
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

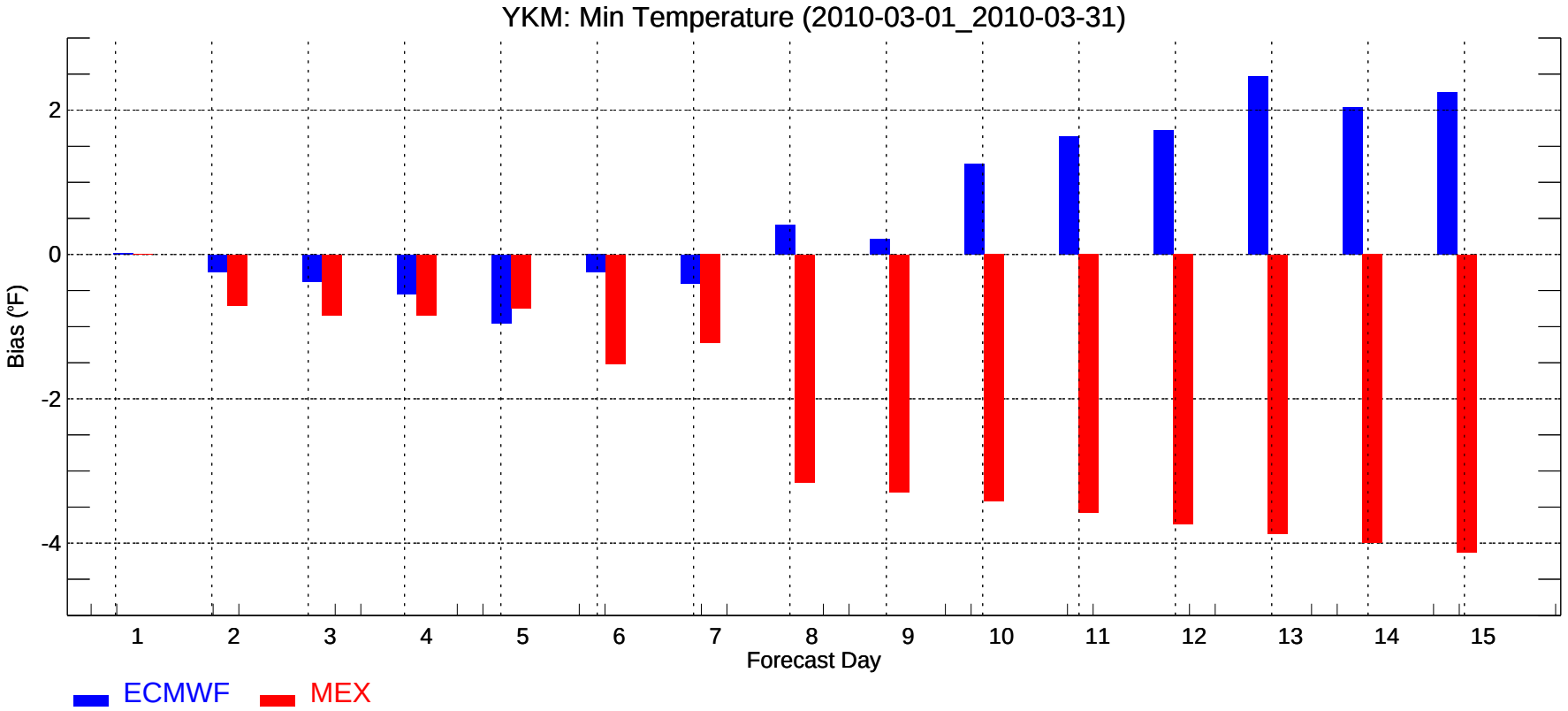

WJF: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

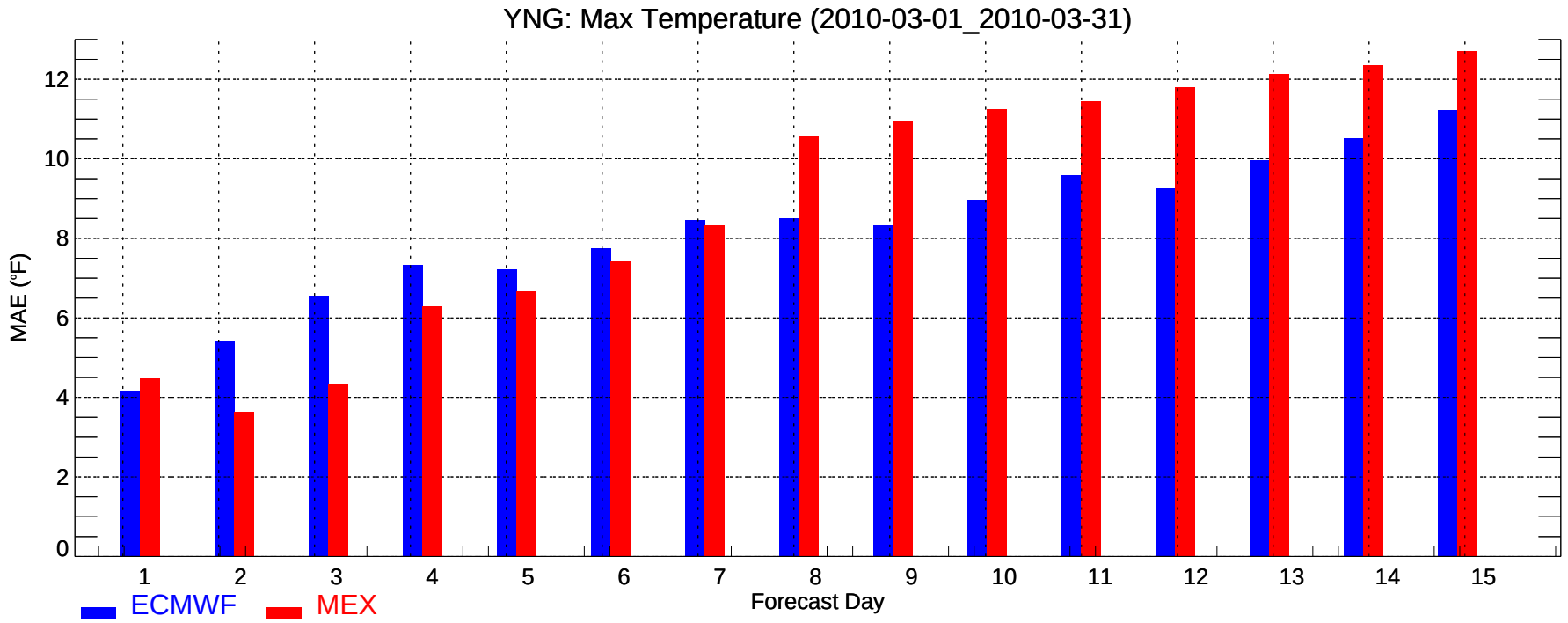

WJF: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

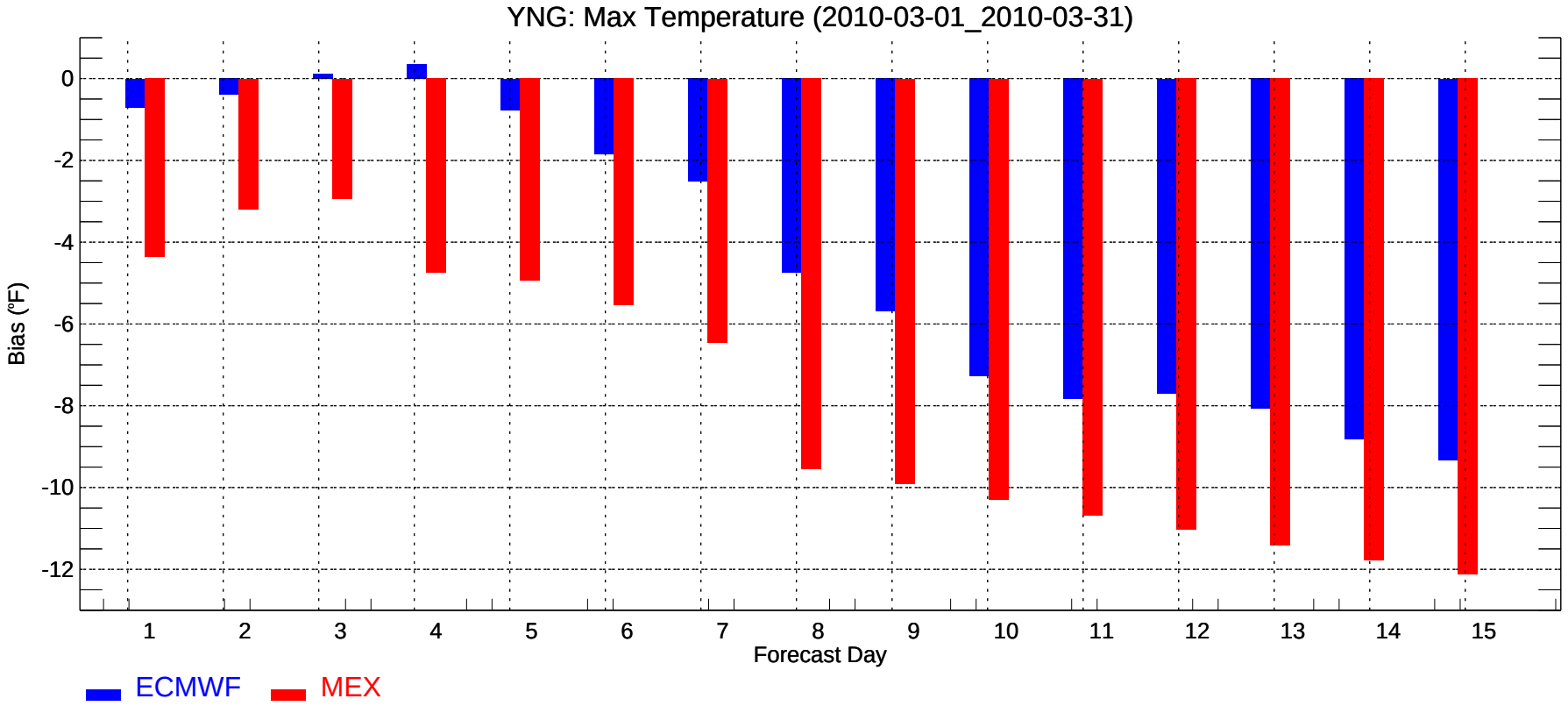

YKM: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YKM: Max Temperature (2010-03-01_2010-03-31)
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


YKM: Min Temperature (2010-03-01_2010-03-31)
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


YKM: Min Temperature (2010-03-01_2010-03-31)
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


YNG: Max Temperature (2010-03-01_2010-03-31)
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


YNG: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
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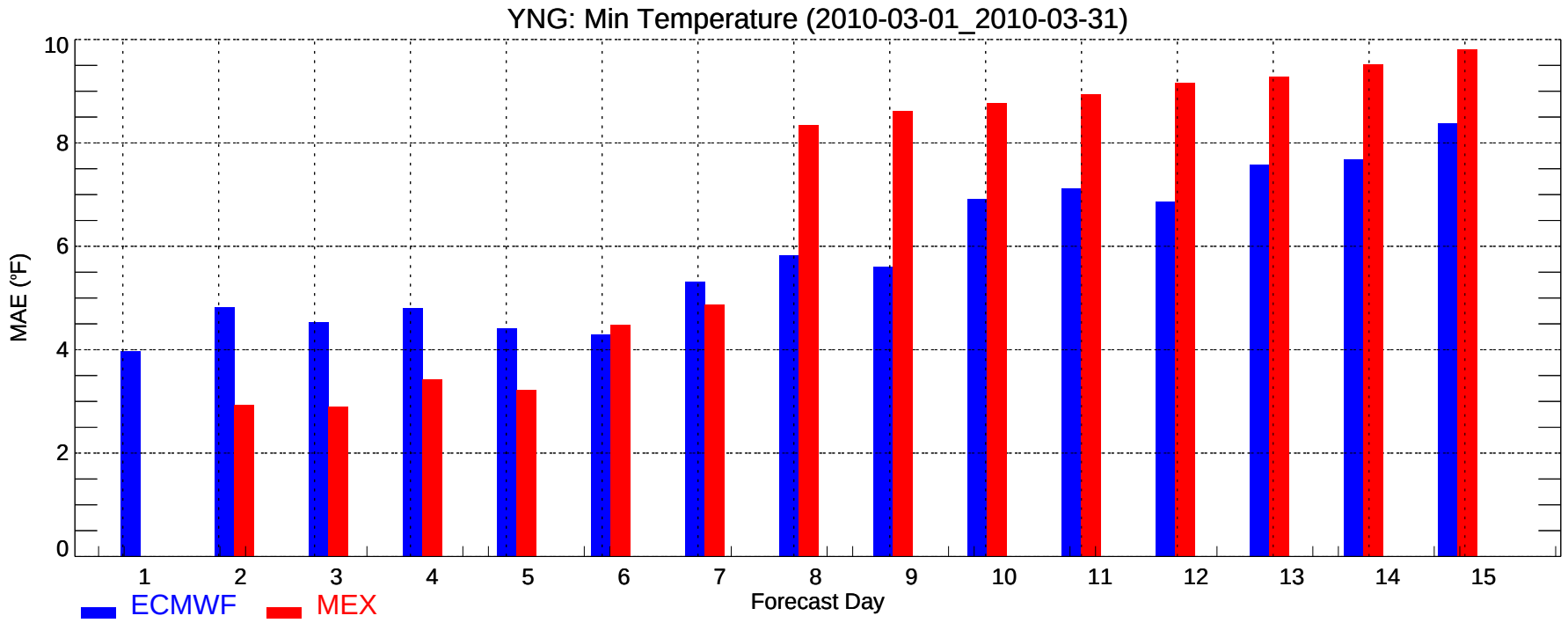
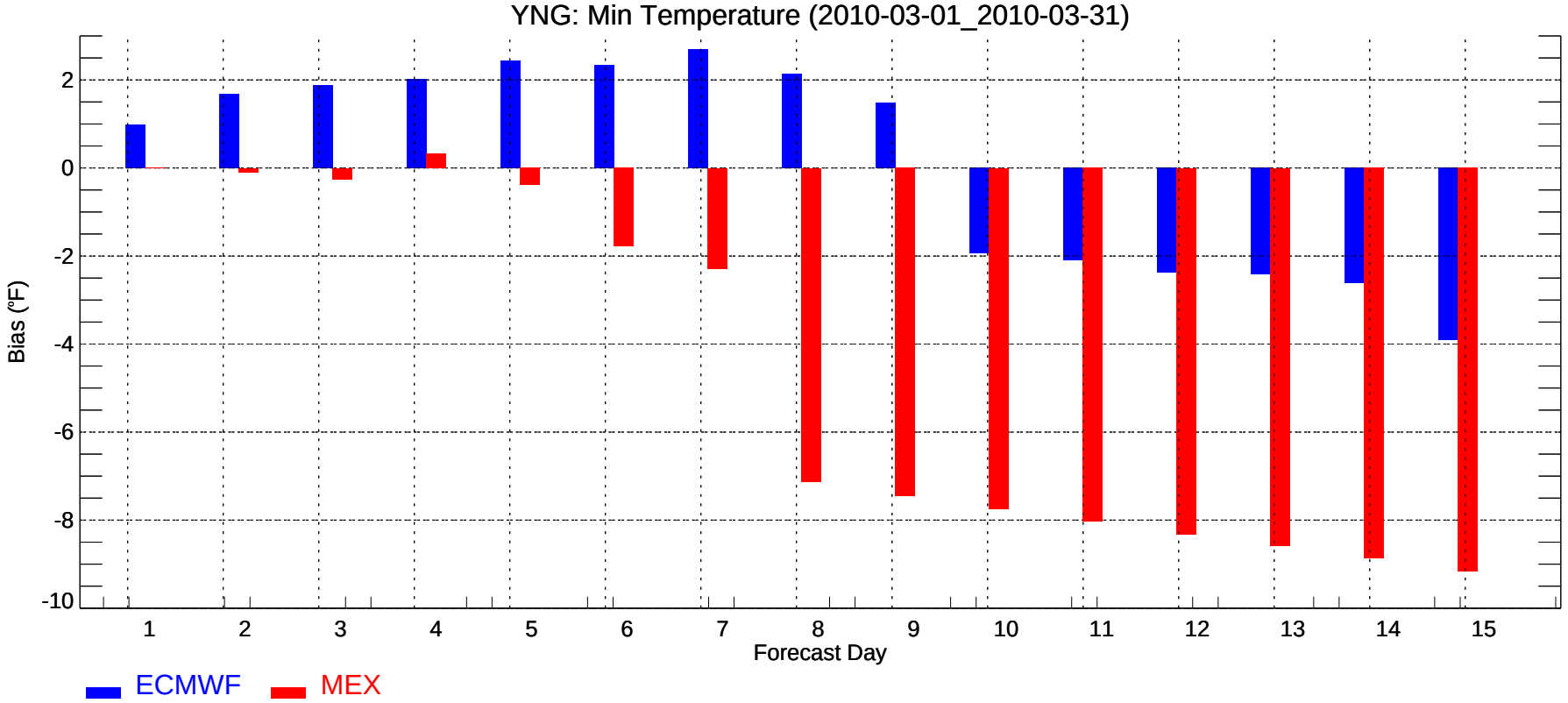
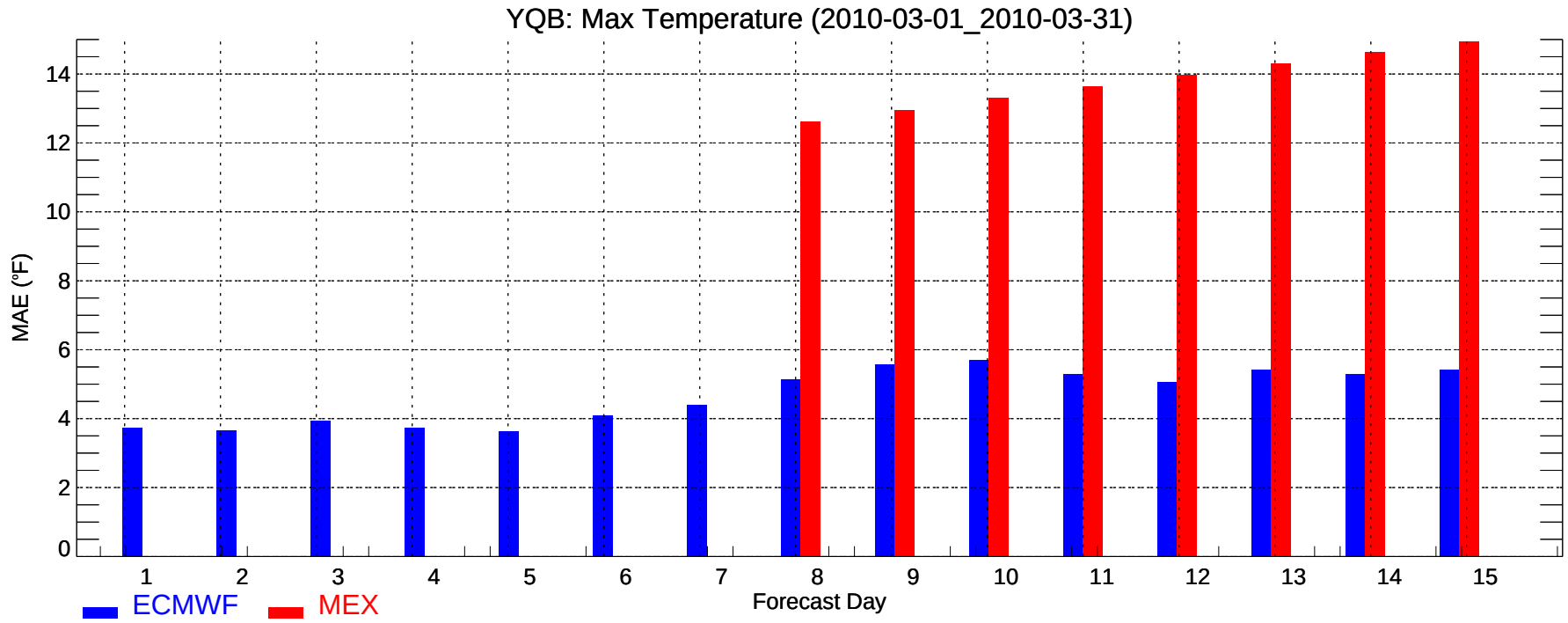
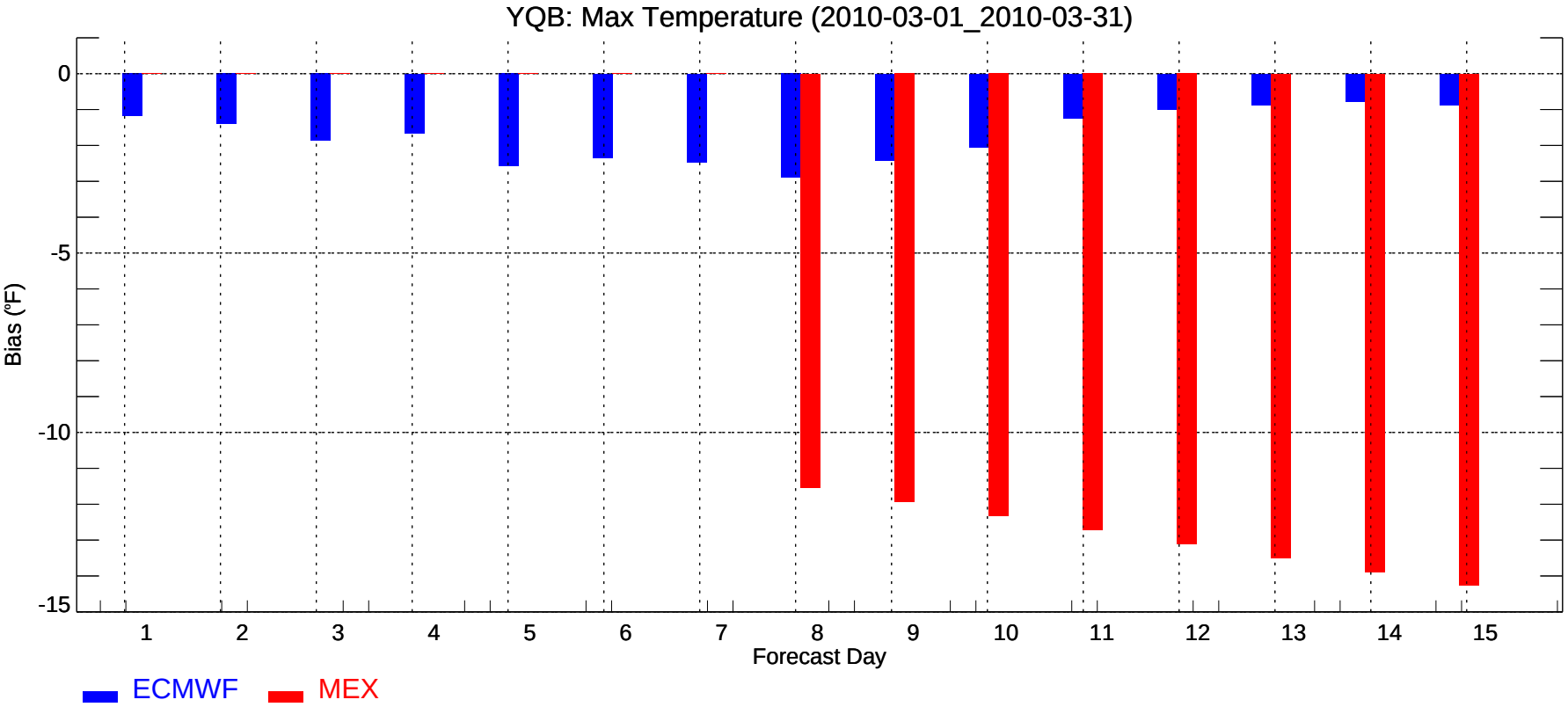
12
13
14
15
Forecast Day
ECMWF
MEX


YNG: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
Forecast Day
ECMWF
MEX


YNG: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
Forecast Day
ECMWF
MEX


YQB: Max Temperature (2010-03-01_2010-03-31)
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


YQB: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
3
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5
6
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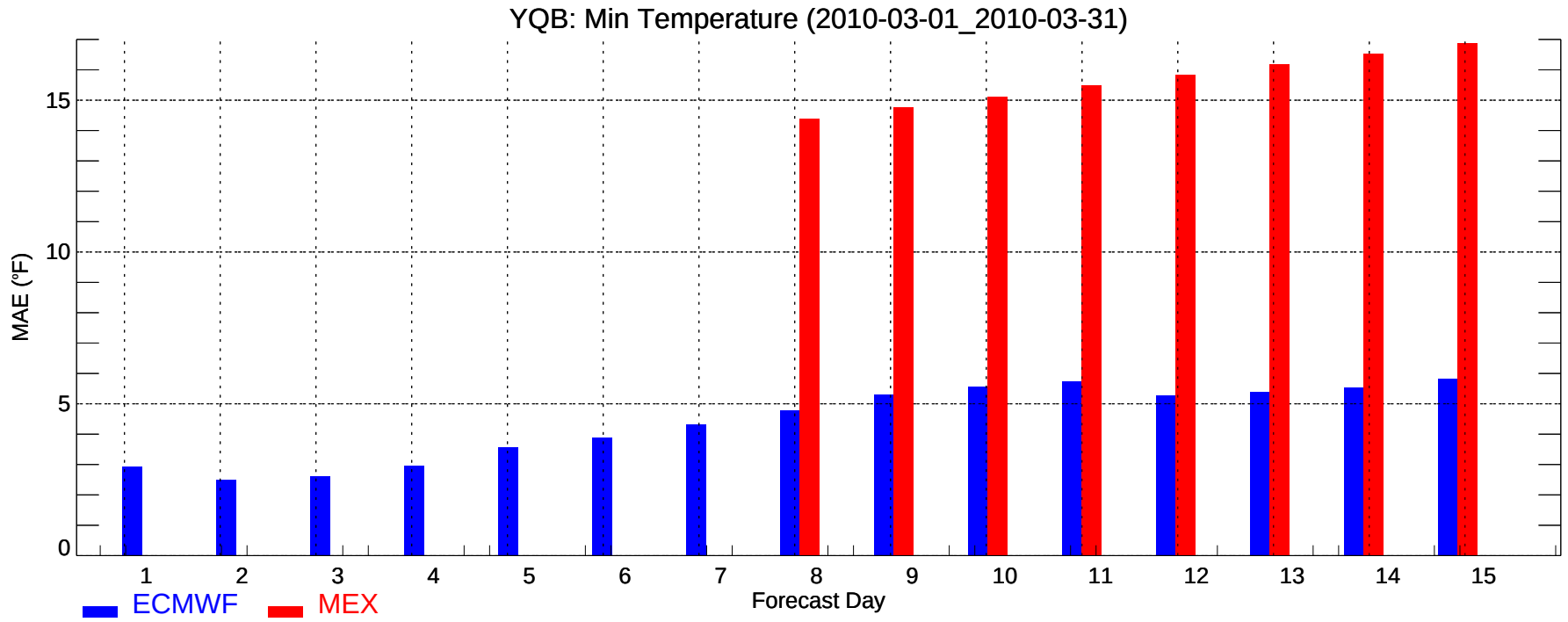
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YQB: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
5
10
15
1
2
3
4
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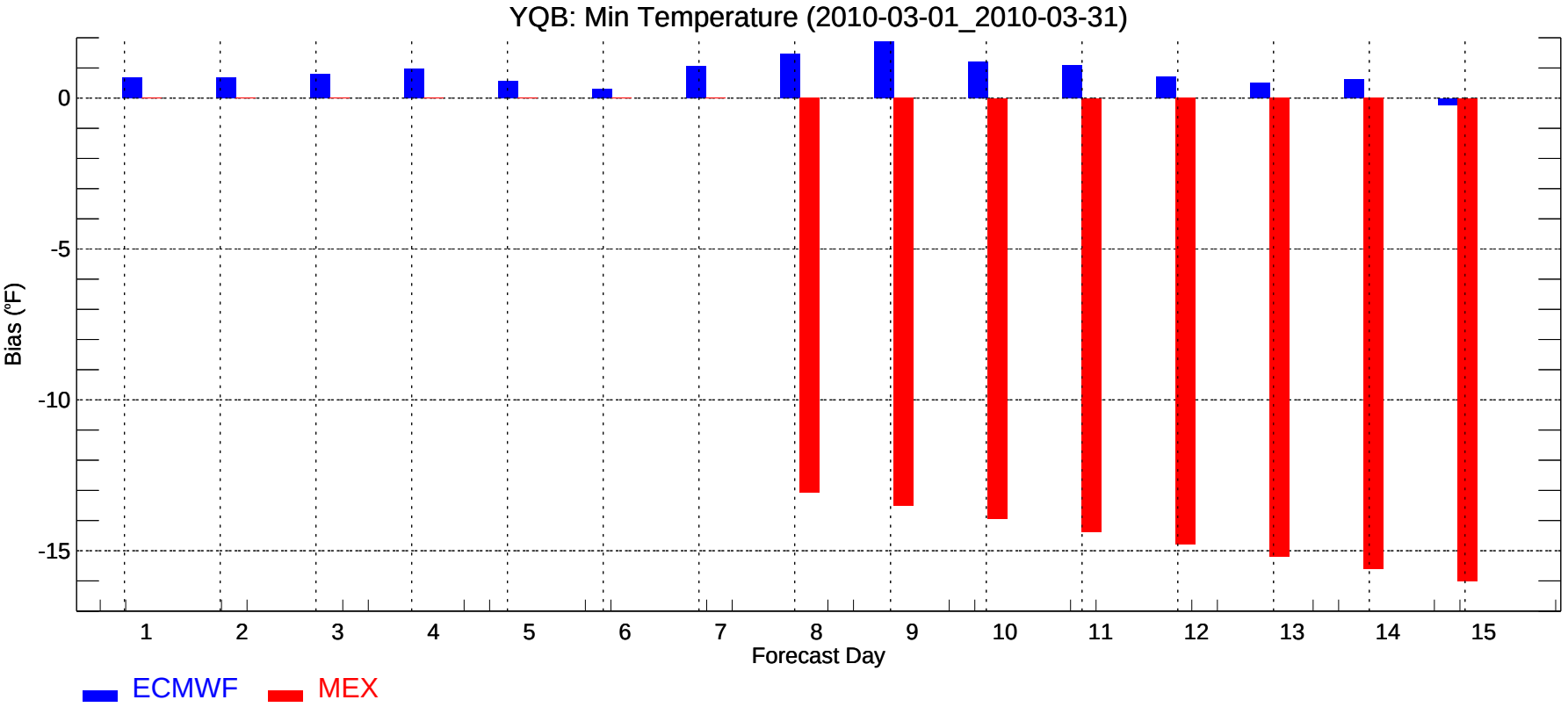
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YQB: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
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8
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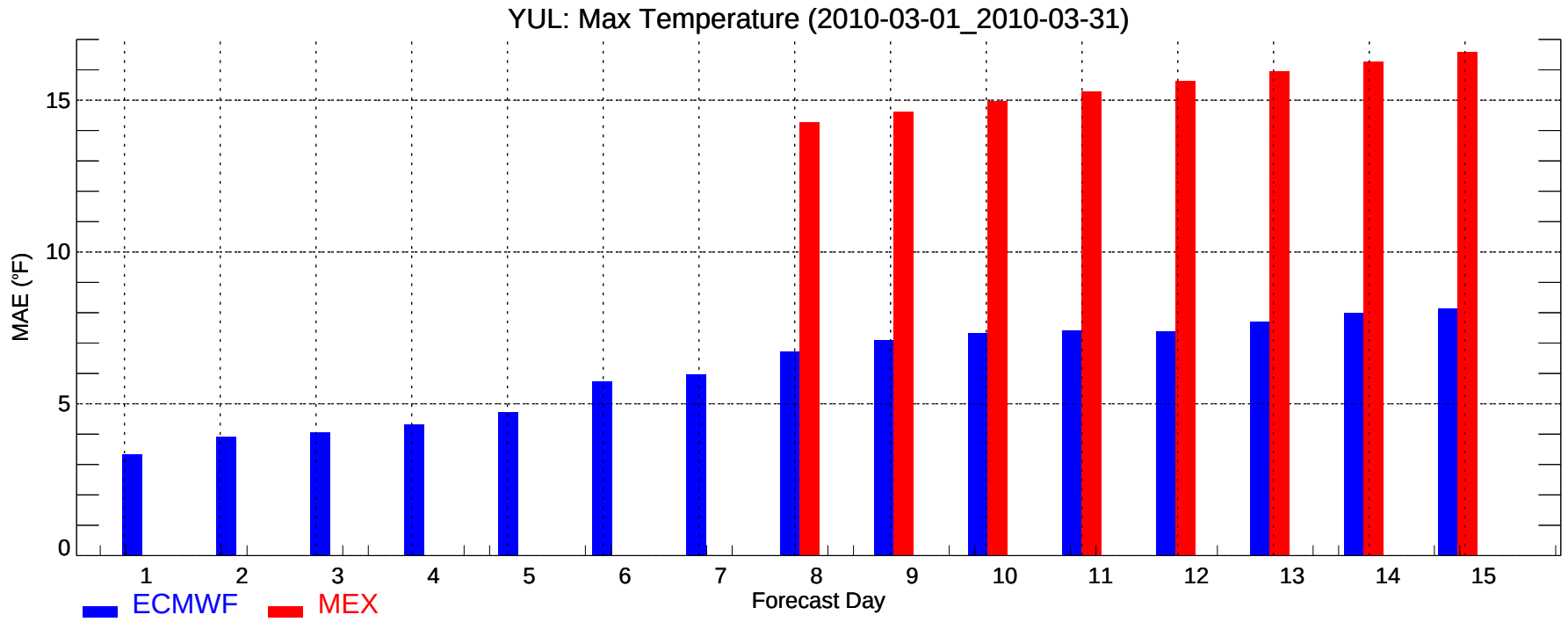
14
15
Forecast Day
ECMWF
MEX


YUL: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
5
10
15
1
2
3
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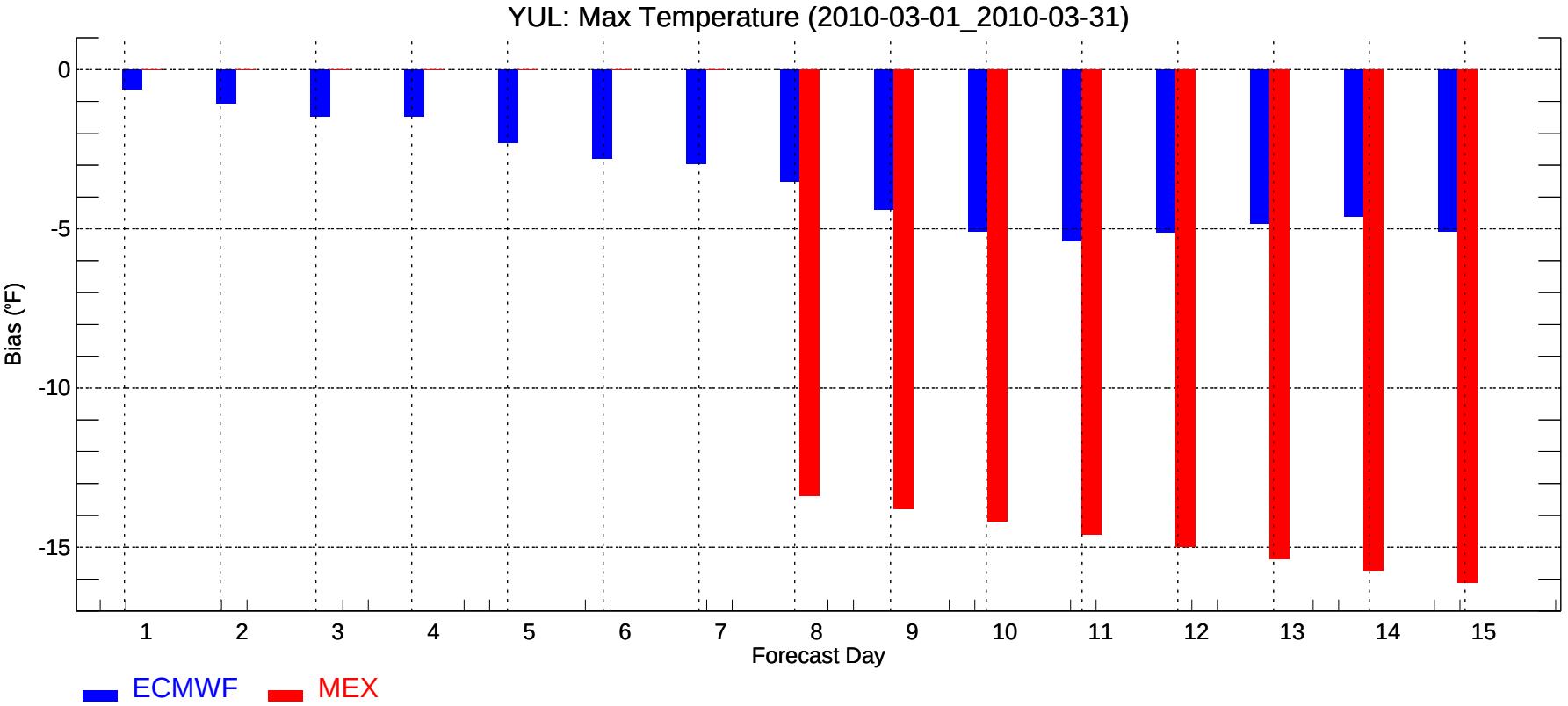
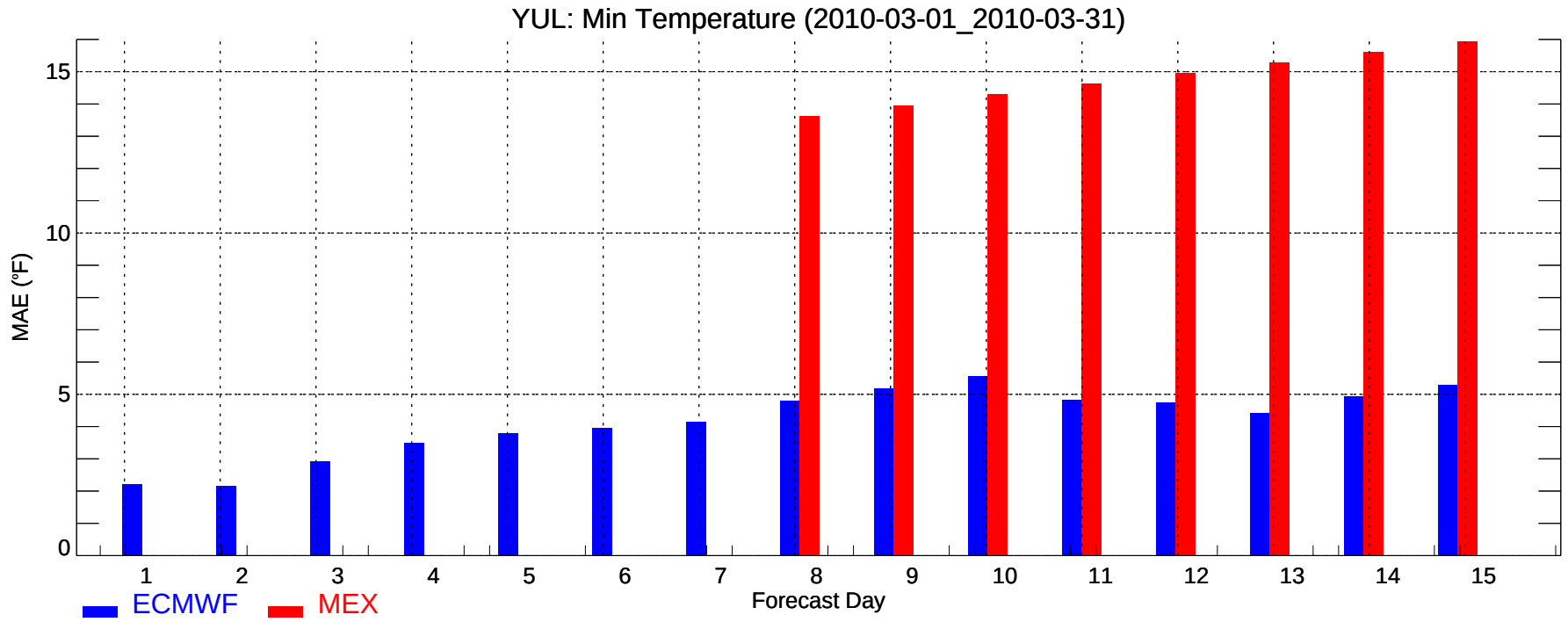
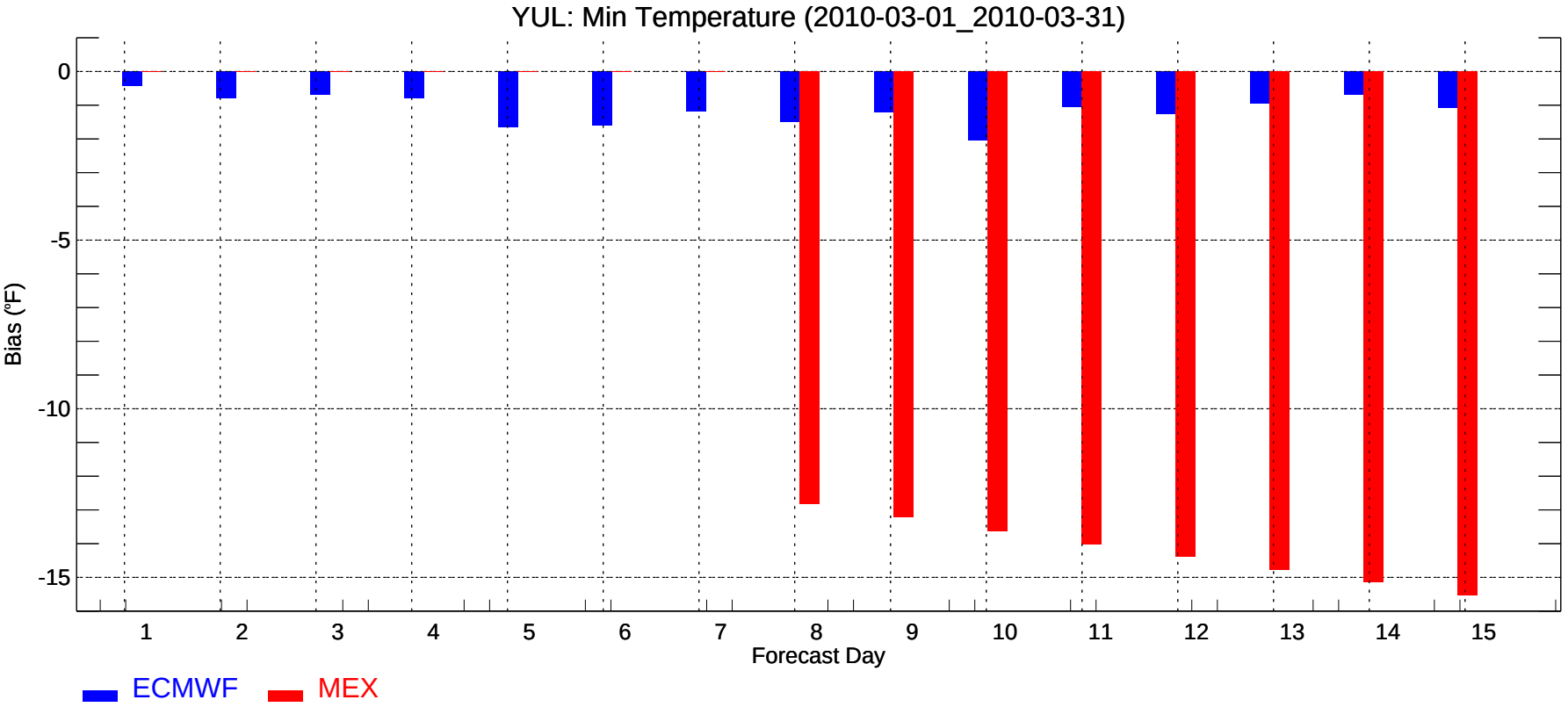
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YUL: Max Temperature (2010-03-01_2010-03-31)
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


YUL: Min Temperature (2010-03-01_2010-03-31)
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


YUL: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
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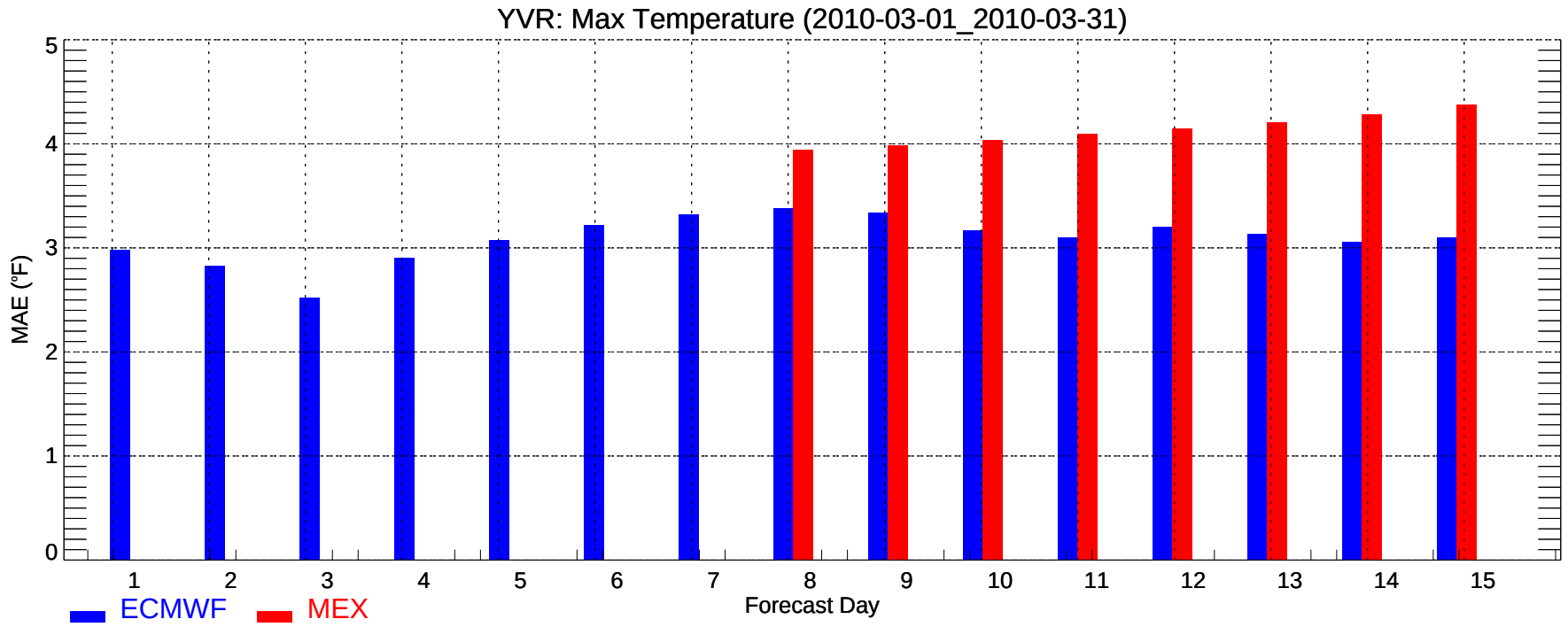
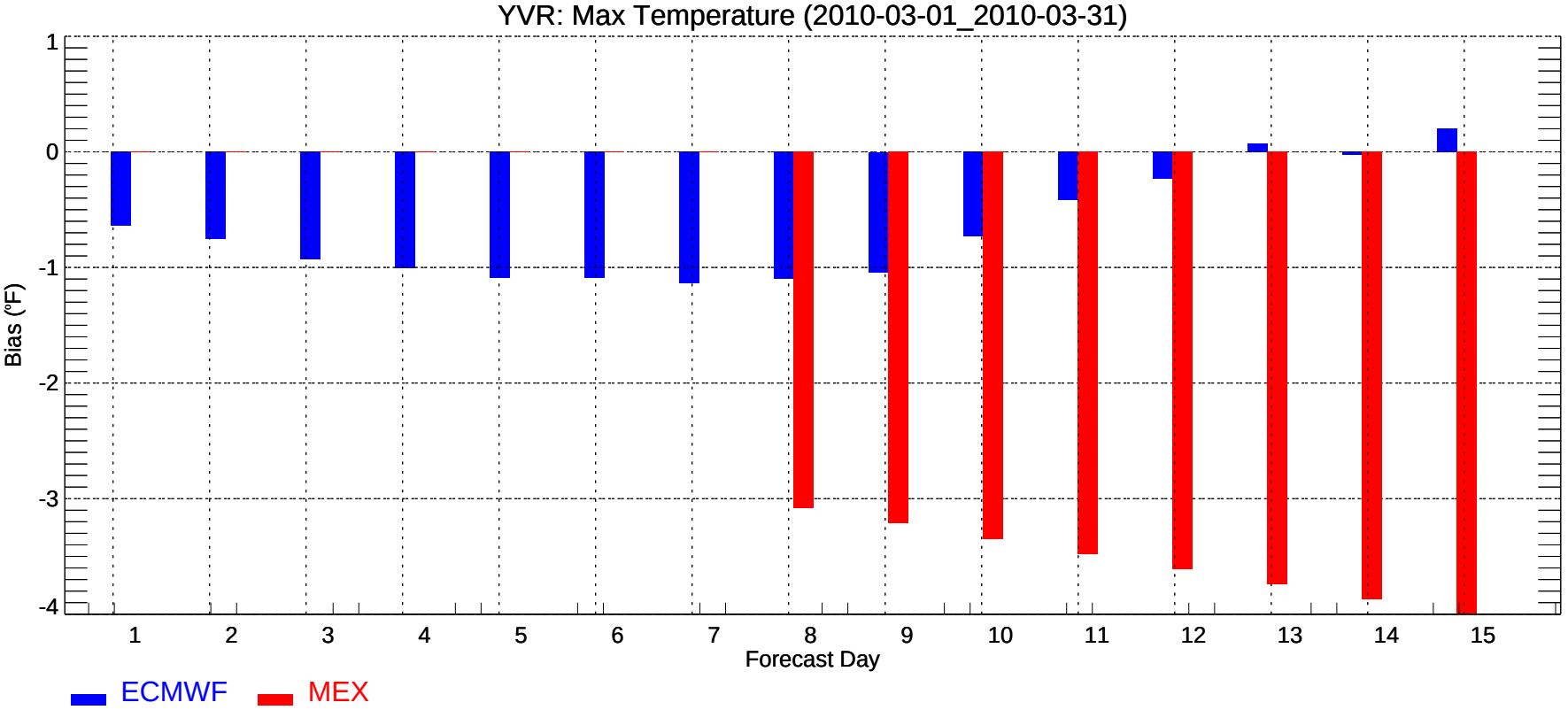
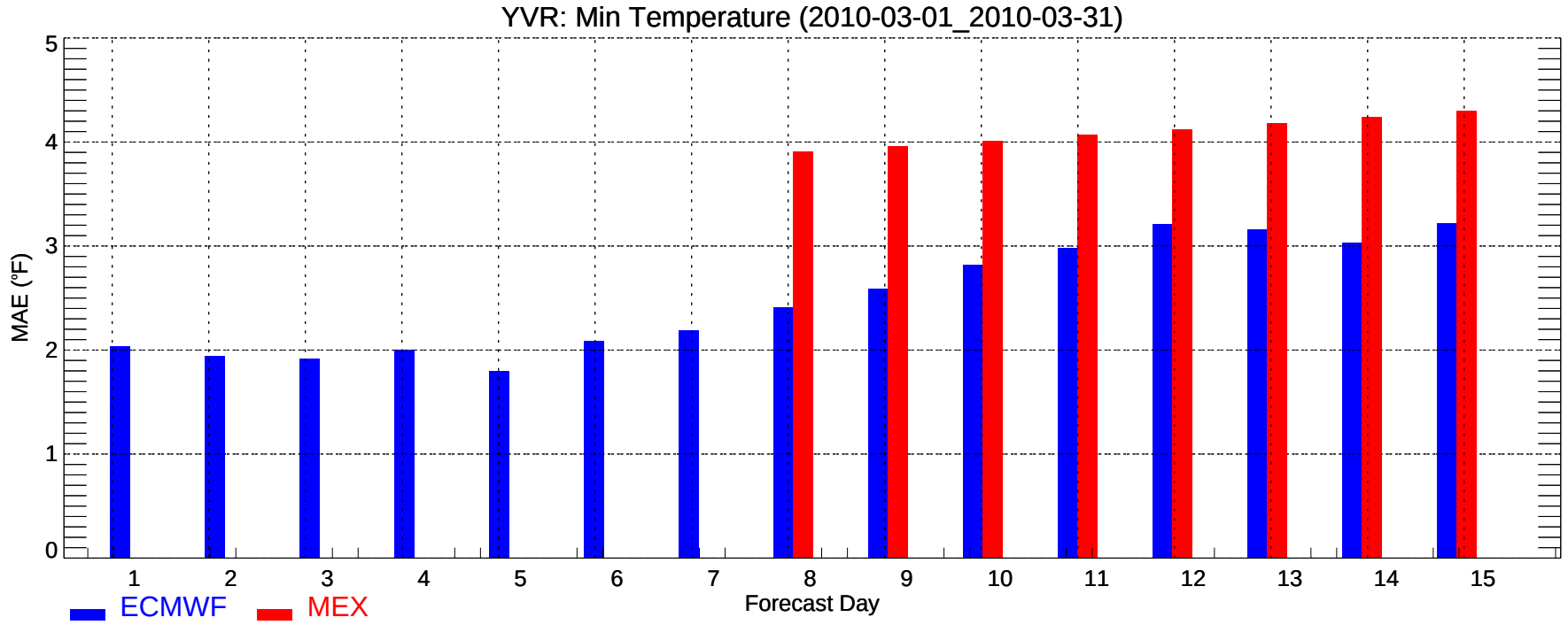
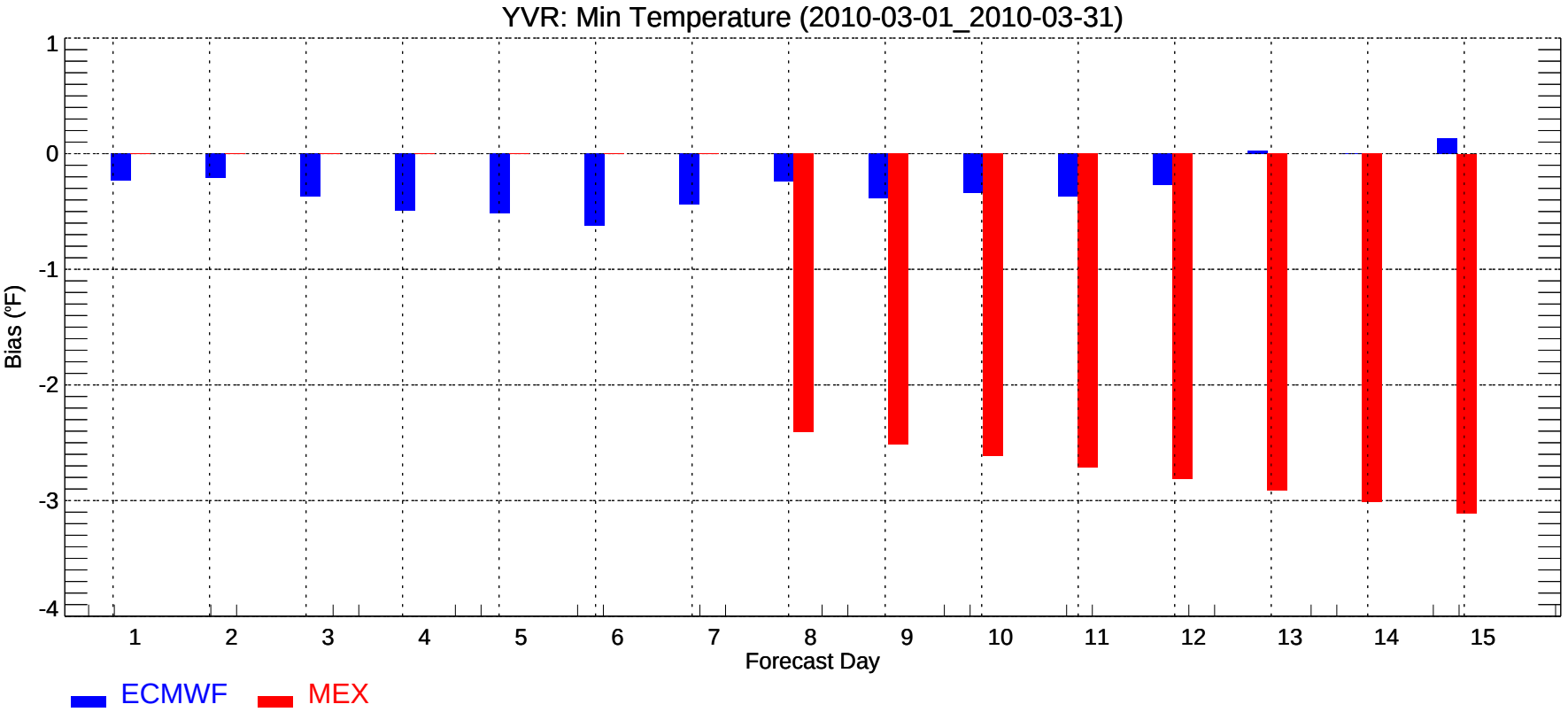
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YVR: Max Temperature (2010-03-01_2010-03-31)
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 (2010-03-01_2010-03-31)
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


YVR: Min Temperature (2010-03-01_2010-03-31)
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: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
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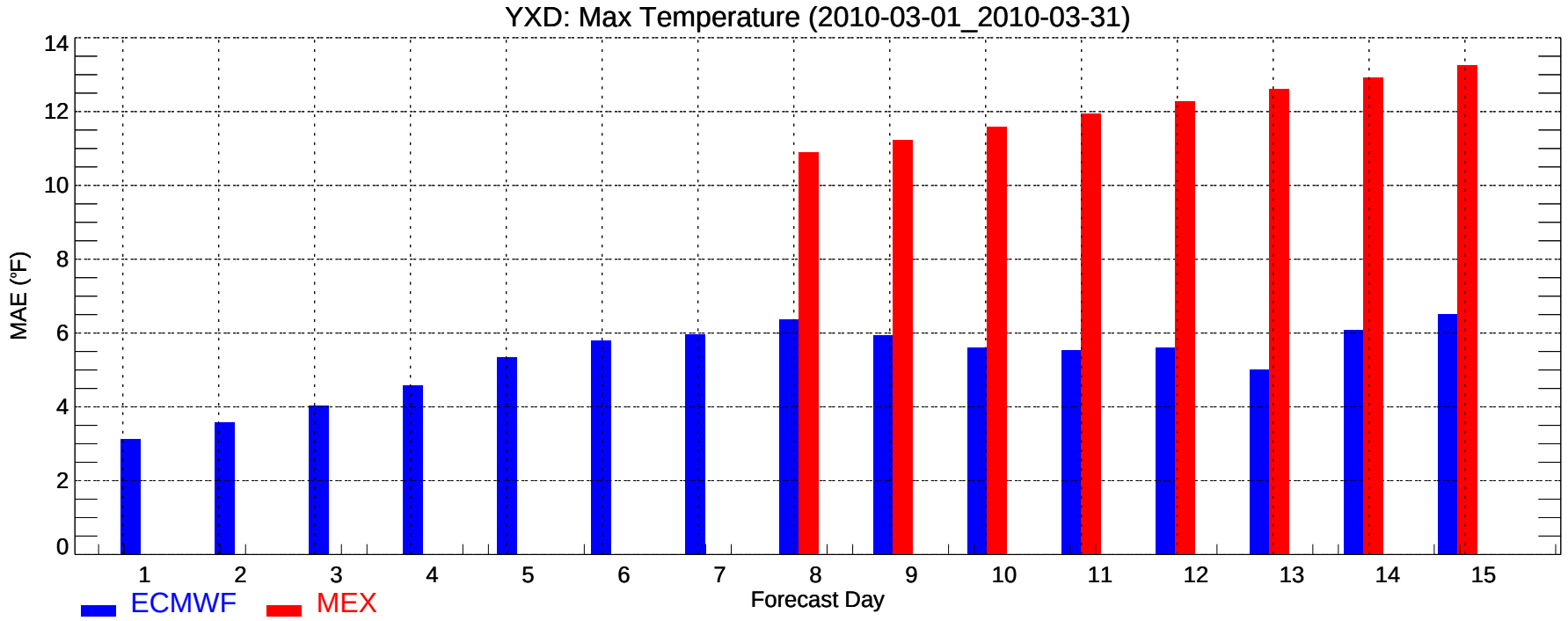
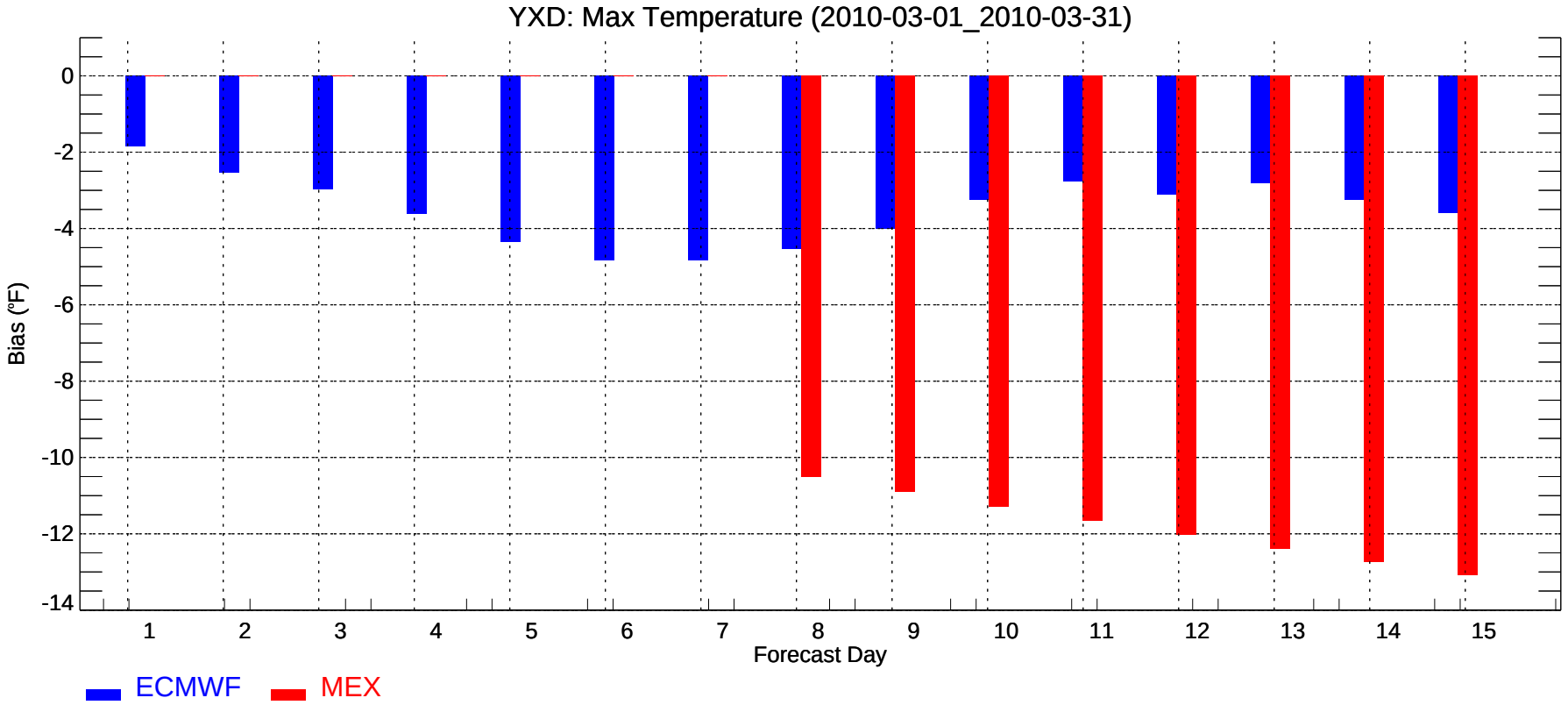
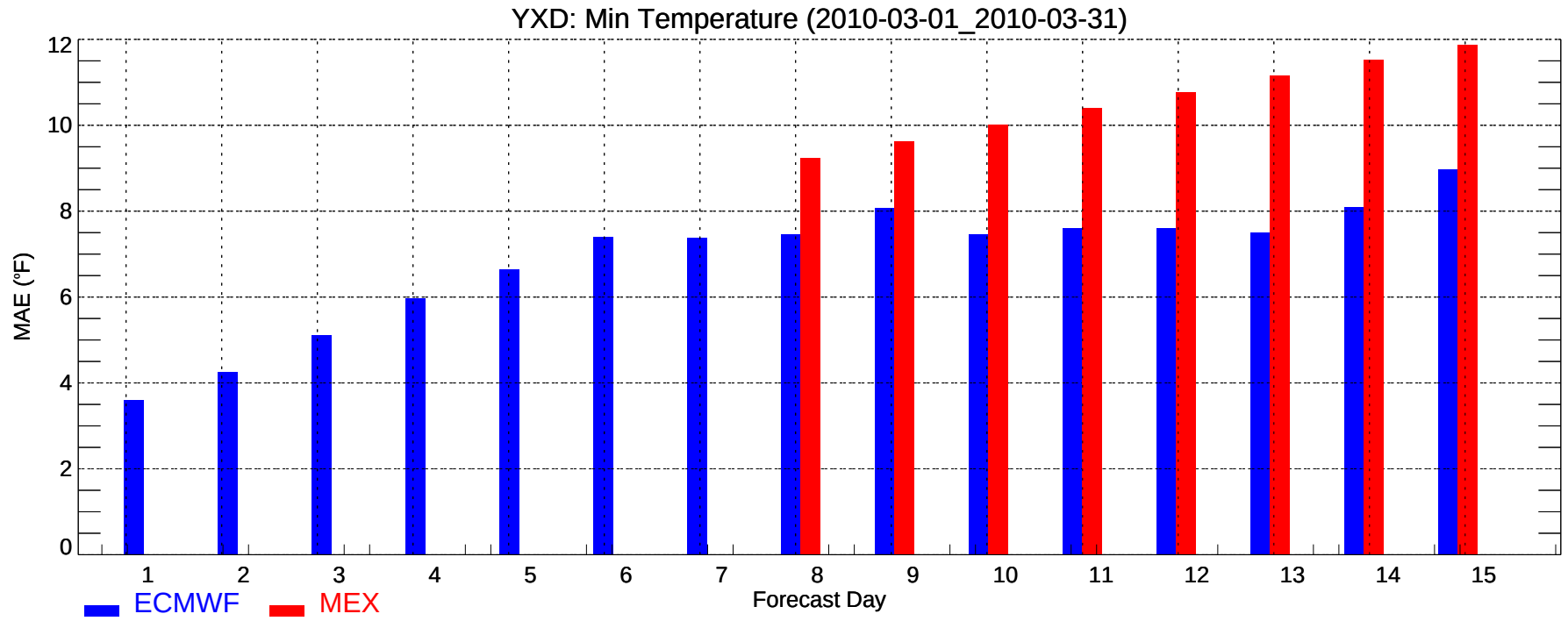
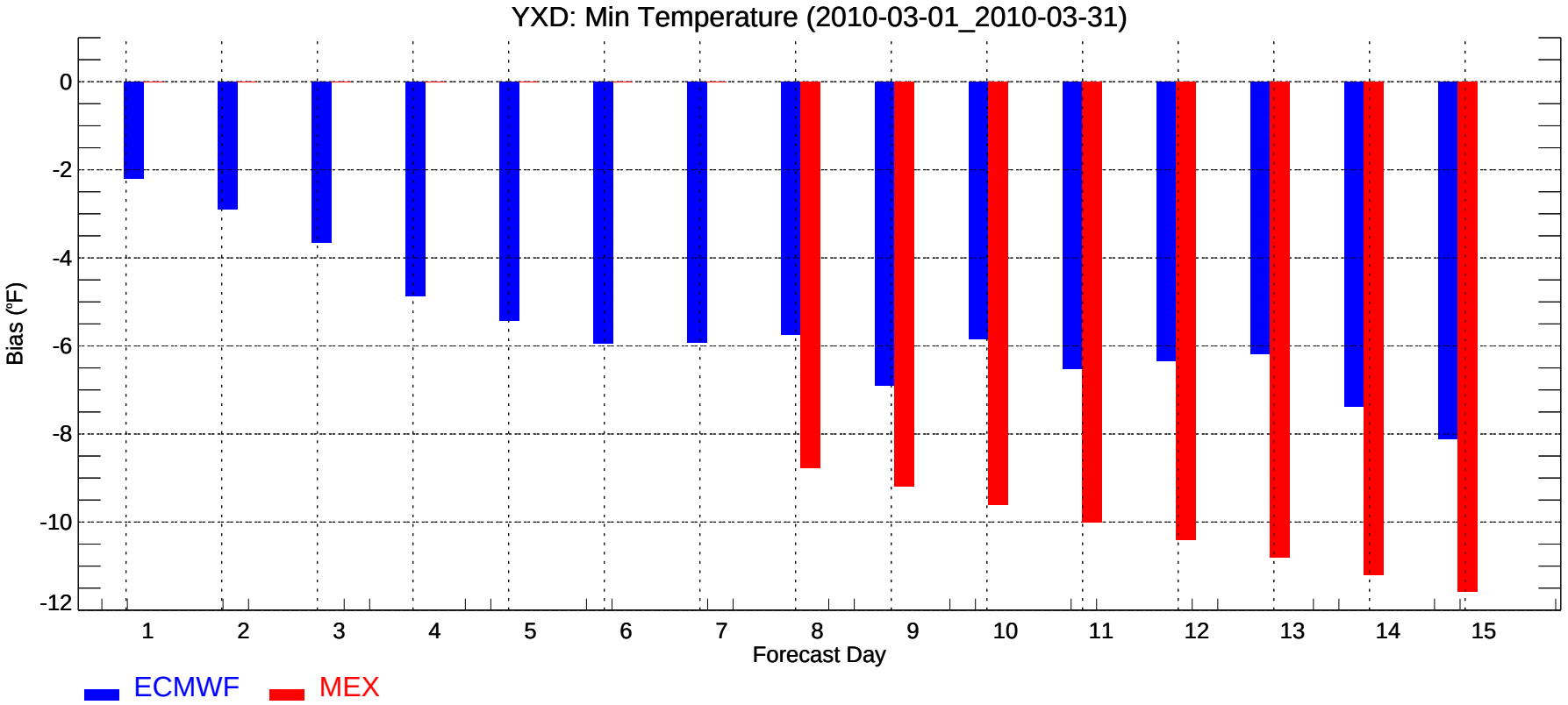
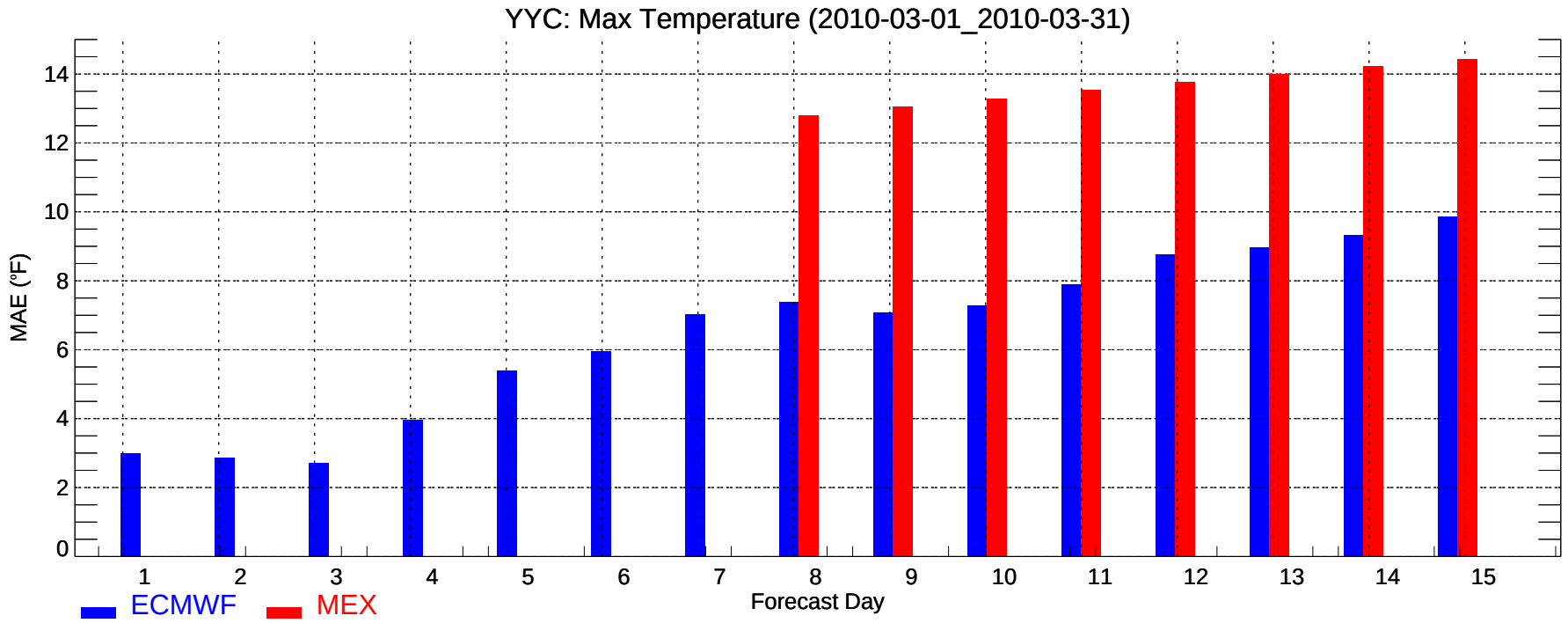
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YXD: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
14
12
10
8
6
4
2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YXD: Max Temperature (2010-03-01_2010-03-31)
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


YXD: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
Forecast Day
ECMWF
MEX


YXD: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
Forecast Day
ECMWF
MEX


YYC: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
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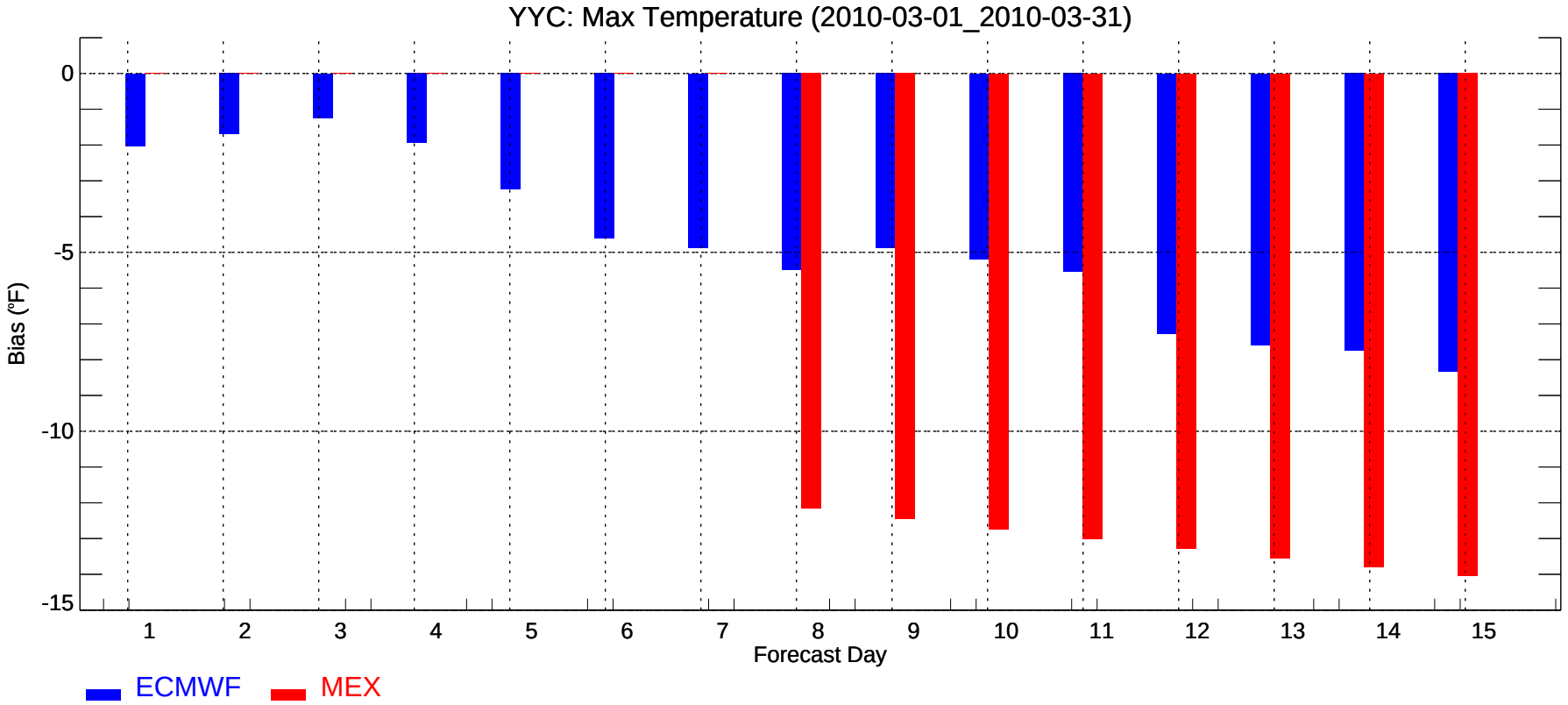
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYC: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
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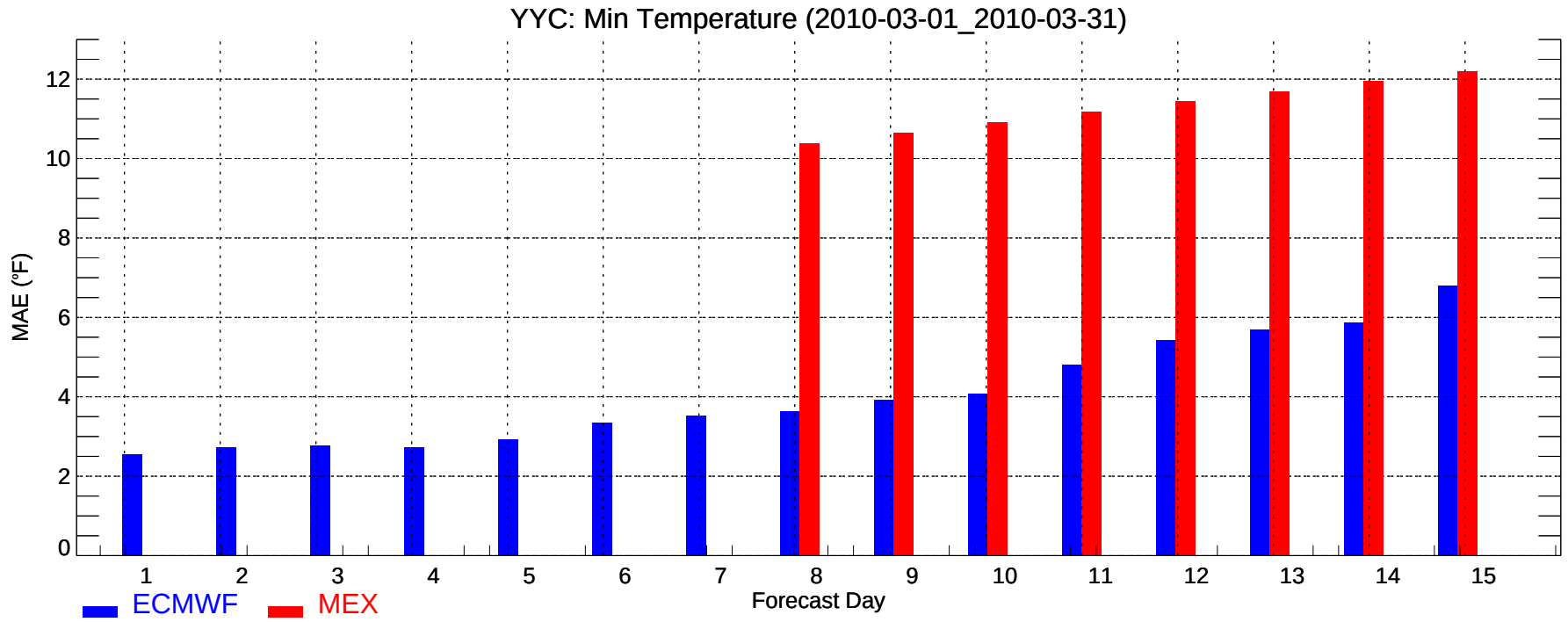
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYC: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
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6
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11
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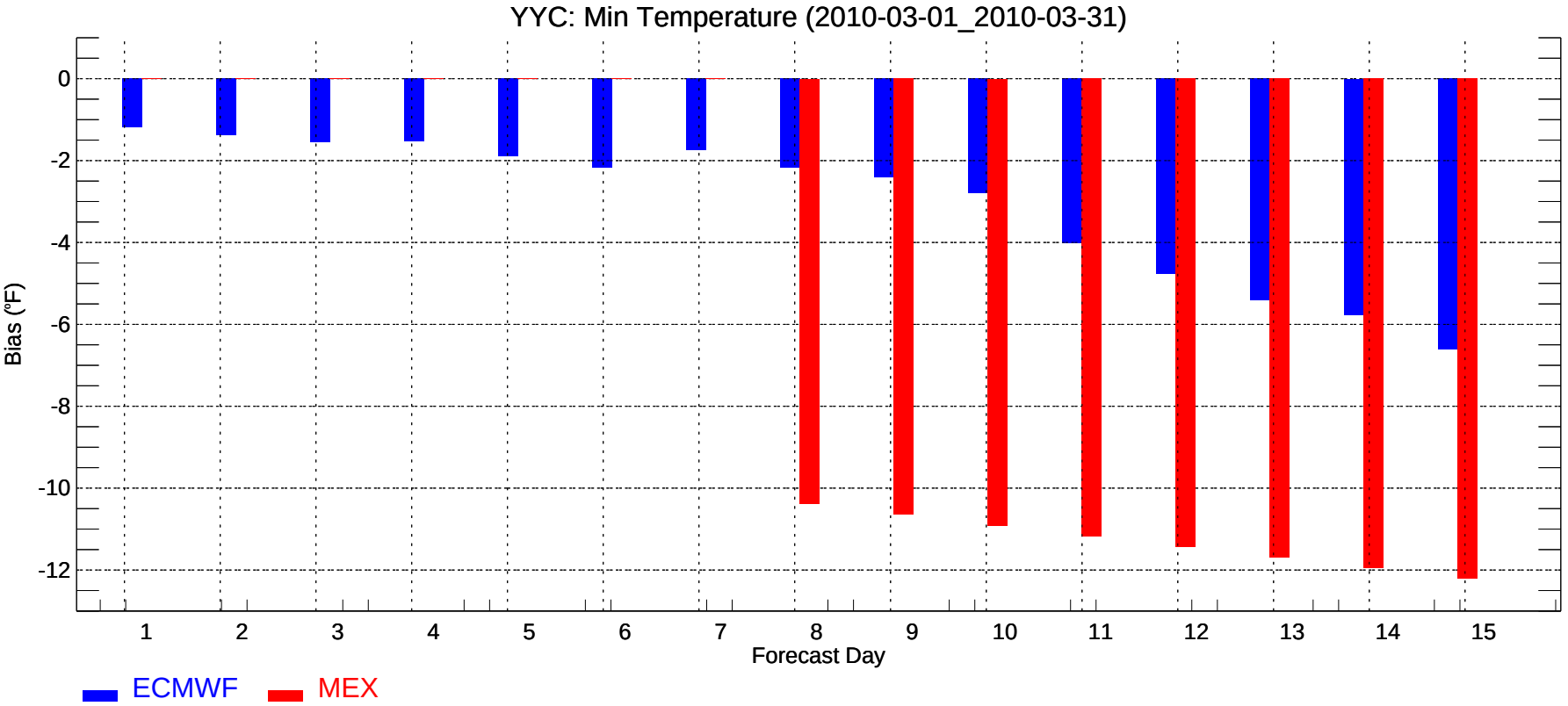
13
14
15
Forecast Day
ECMWF
MEX


YYC: Min Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
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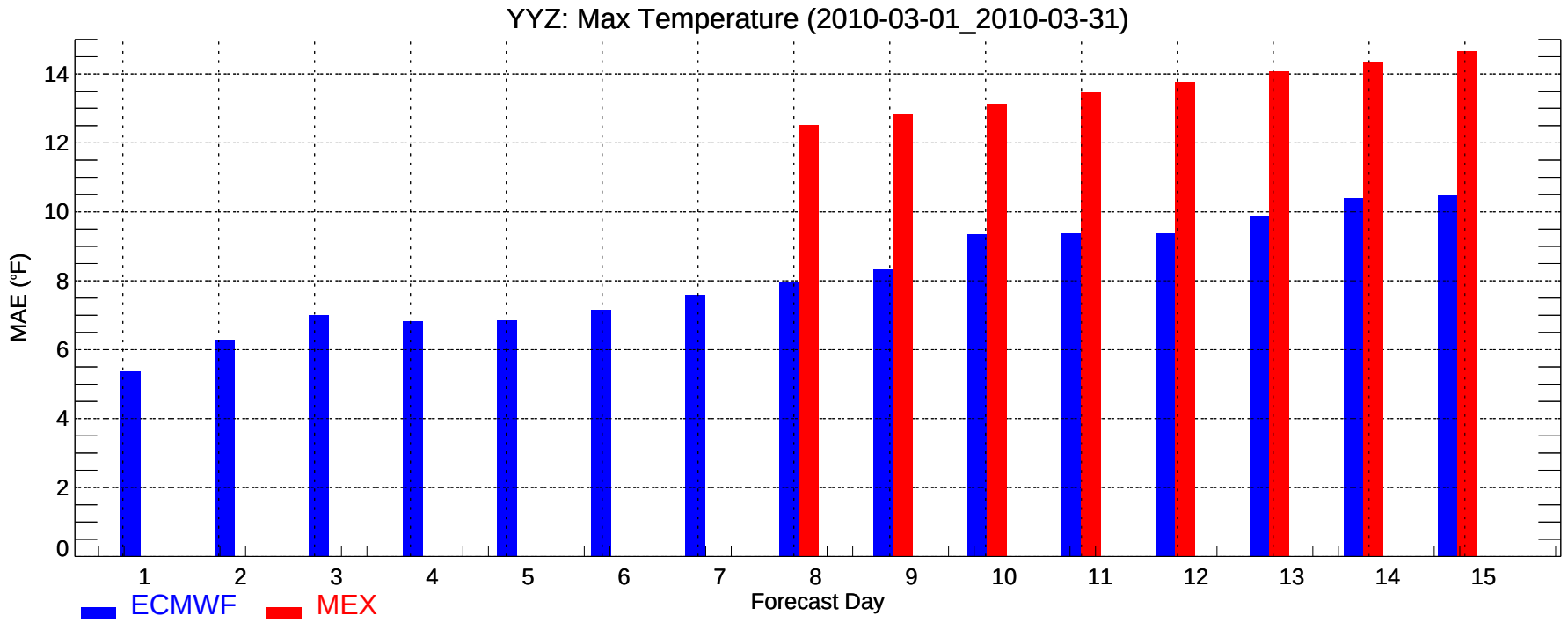
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
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6
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11
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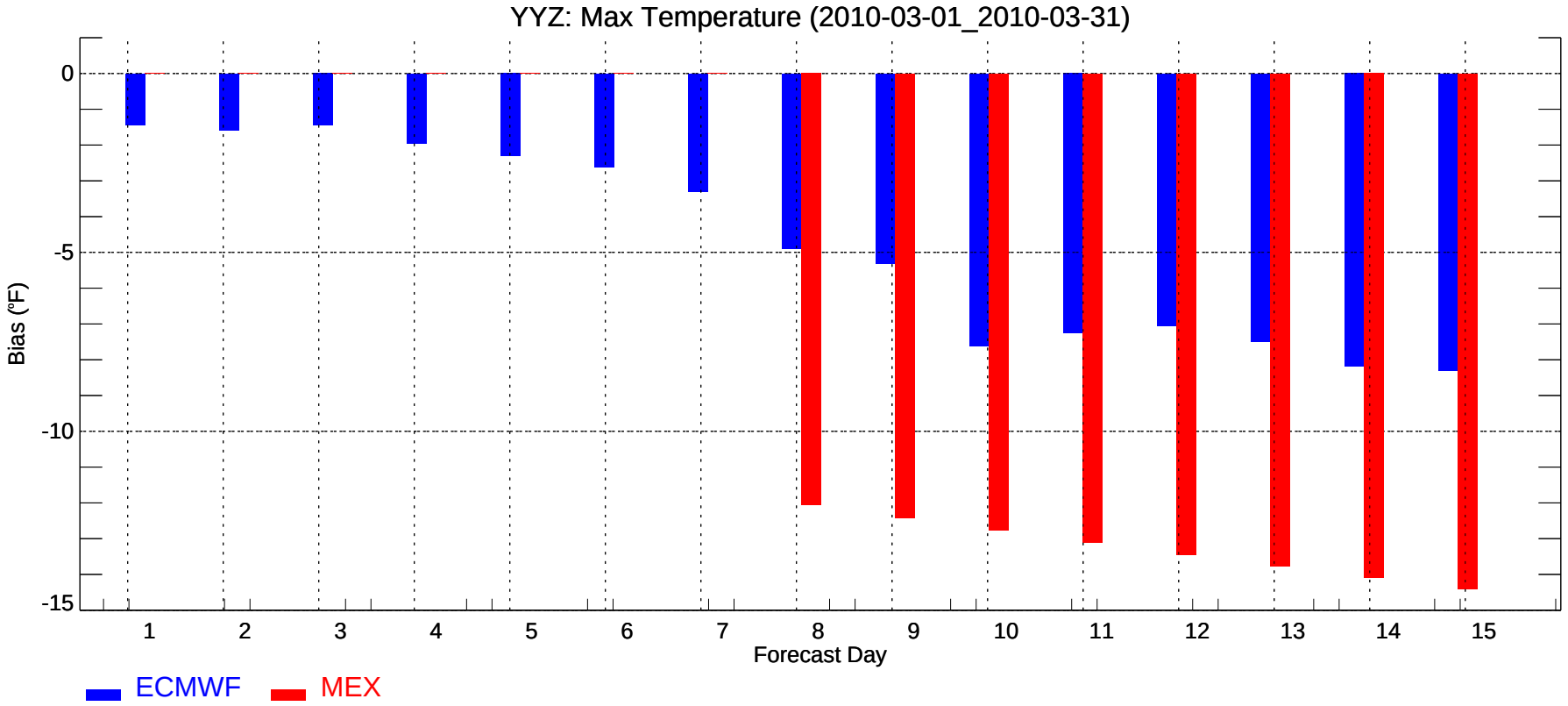
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2010-03-01_2010-03-31)
Bias (°F)
0
-5
-10
-15
1
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14
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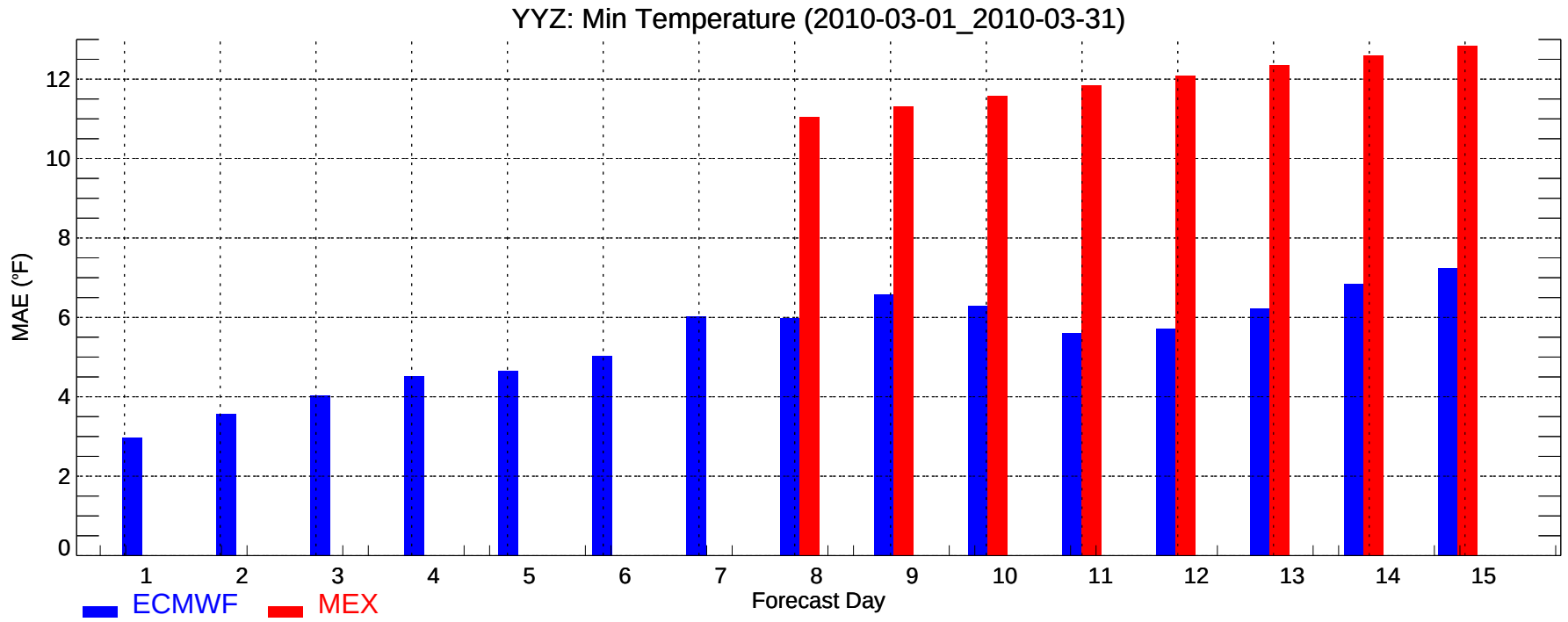
Forecast Day
ECMWF
MEX


YYZ: Min Temperature (2010-03-01_2010-03-31)
MAE (°F)
0
2
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12
1
2
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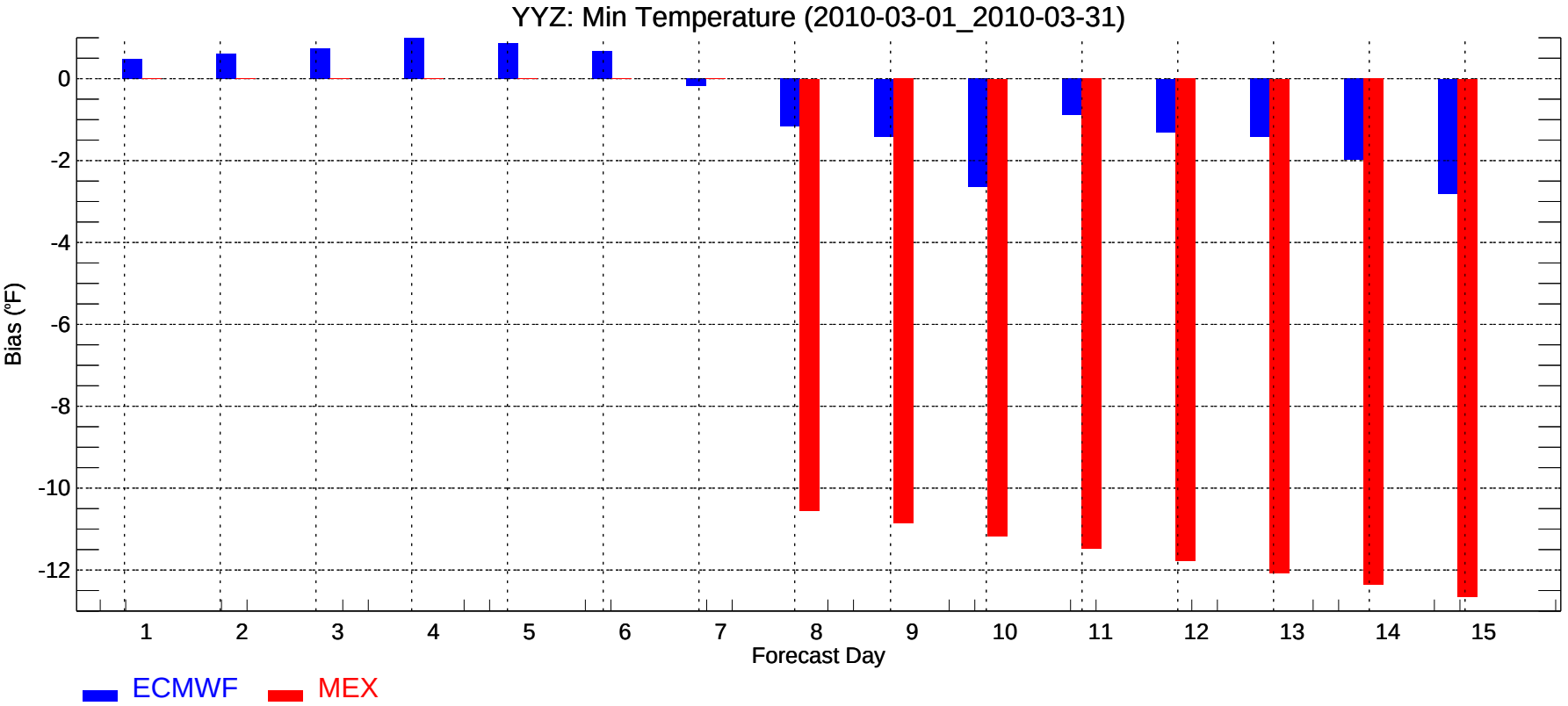
Forecast Day
ECMWF
MEX


YYZ: Min Temperature (2010-03-01_2010-03-31)
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