eCast Monthly All Stations Report for 2009-11-01 ~ 2009-11-30

December 4, 2009

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ECMWF/MEX MAX Temperature Regional Summary

MAE (2009-11-01~2009-11-30)

	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	-0.09	2.6/2.3	2.9/2.7	3.1/3.0	3.3/3.5	3.7/3.9	4.2/4.3	4.6/4.7	4.8/5.3	5.2/5.3	5.8/5.3	6.2/5.3	6.4/5.3	6.6/5.3	7.1/5.3	7.3/5.4

Bias (2009-11-01~2009-11-30)

	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	-1.78	-0.0/-0.4	-0.1/-0.5	-0.1/-0.6	-0.0/-1.4	0.1/-1.5	-0.0/-1.3	-0.1/-1.5	-0.5/-1.1	-1.2/-0.7	-2.6/-0.3	-3.3/0.1	-3.8/0.5	-4.4/0.9	-5.2/1.3	-5.5/1.7

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 (2009-11-01~2009-11-30)

	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	0.06	2.7/0.0	2.7/3.0	2.9/3.2	3.2/3.4	3.6/3.8	3.9/4.2	4.4/4.7	4.7/5.6	4.9/5.6	5.2/5.6	5.3/5.6	5.4/5.6	5.6/5.6	5.7/5.7	5.7/--

Bias (2009-11-01~2009-11-30)

	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	-0.54	0.1/0.0	0.1/1.1	0.1/1.1	0.0/1.1	0.1/1.1	0.2/0.9	0.5/1.1	0.5/-0.6	0.4/-0.3	-0.4/-0.0	-1.0/0.3	-1.5/0.6	-2.1/0.9	-2.5/1.2	-2.6/--

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

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

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

avg_bias: average of ECMWF-value

ECMWF/MEX MAX Temperature in ALL

MAE (2009-11-01~2009-11-30)

	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	-0.10	2.1/2.4	2.5/2.6	2.4/2.5	3.1/3.5	3.3/3.1	3.7/3.3	4.3/4.1	4.0/5.1	4.7/5.1	5.6/5.1	5.8/5.0	6.1/5.0	6.6/4.9	7.6/4.9	7.9/5.0
ABI	-0.18	2.2/2.6	2.2/3.0	2.2/2.7	2.7/3.6	3.5/3.9	4.5/4.5	4.1/4.9	4.9/5.1	5.9/5.1	6.7/5.0	7.4/4.9	7.7/4.8	7.9/4.6	8.0/4.6	8.2/4.6
ABQ	-0.17	2.6/2.2	3.1/2.5	3.0/2.7	3.3/2.8	4.2/2.9	4.0/3.7	4.8/4.4	5.2/4.9	5.9/4.8	6.3/4.9	6.2/4.9	5.9/5.0	5.7/5.1	5.2/5.3	5.7/5.5
ABY	0.09	3.1/2.4	3.2/3.0	3.1/4.0	3.7/4.2	3.9/4.2	3.5/4.0	4.2/4.5	4.8/4.7	4.4/4.8	4.4/5.0	4.1/5.2	4.2/5.3	4.5/5.6	4.7/5.8	5.1/6.0
ACT	-0.30	2.1/2.5	2.1/2.4	1.9/2.4	2.8/2.8	3.2/4.8	3.7/4.4	4.1/4.4	4.2/4.0	5.2/3.9	6.0/3.8	6.5/3.6	6.9/3.7	7.0/3.7	7.5/3.8	7.2/3.7
ACY	-0.09	2.3/1.7	2.5/2.9	3.1/2.8	3.2/3.4	3.8/3.1	4.0/3.6	4.9/5.0	4.8/5.0	5.4/4.9	6.2/5.0	5.7/5.1	5.8/5.2	5.7/5.4	6.3/5.5	6.3/5.6
ALB	0.00	2.2/2.4	2.1/2.4	2.4/2.9	2.6/3.9	2.9/4.1	3.4/4.2	3.6/5.6	3.4/4.9	4.3/4.9	5.3/5.0	5.3/4.8	5.9/4.8	6.4/4.8	7.6/4.8	8.0/5.0
ALW	0.10	4.3/4.0	4.9/5.3	4.9/5.9	4.6/6.7	4.4/6.2	4.5/6.8	4.9/6.9	5.4/5.6	5.3/5.7	6.0/5.8	6.2/6.0	6.4/6.1	6.2/6.4	6.1/6.6	6.2/6.9
AOO	0.07	2.4/2.2	2.6/3.0	2.9/3.8	3.2/4.0	4.2/4.6	4.5/5.3	4.9/5.7	5.1/5.9	5.5/6.0	5.8/6.1	5.6/6.2	6.2/6.2	6.4/6.3	6.9/6.4	7.2/6.6
APN	0.05	2.2/2.1	2.6/2.6	2.6/3.0	2.9/3.7	3.0/3.9	3.2/4.1	3.5/4.7	3.4/6.9	4.7/6.6	5.5/6.4	6.1/6.3	6.7/6.1	6.9/6.0	7.8/5.8	8.8/5.7
ATL	-0.10	2.7/2.2	3.0/3.1	3.2/3.0	3.9/3.3	4.0/3.0	4.2/3.3	4.7/3.8	4.8/4.3	4.4/4.4	3.9/4.5	4.3/4.6	4.8/4.7	4.9/4.9	5.6/5.1	5.9/5.3
AUG	-0.17	3.8/2.8	4.1/3.0	4.0/3.6	3.9/3.7	4.2/4.1	4.7/5.1	4.9/4.8	4.8/5.2	5.4/5.3	6.5/5.4	6.8/5.5	7.1/5.6	7.3/5.6	7.6/5.8	8.3/5.9
AUS	0.01	1.7/2.2	2.1/2.7	2.1/3.2	2.3/2.5	3.1/3.6	3.5/3.9	3.6/4.4	2.9/4.0	4.2/4.1	4.8/4.2	4.9/4.3	5.8/4.4	6.2/4.5	5.9/4.6	5.5/4.9
AVP	-0.08	2.5/2.4	2.9/3.1	2.9/3.1	2.8/4.0	3.4/3.7	3.5/3.9	3.8/5.1	4.0/5.4	5.2/5.4	5.8/5.3	5.8/5.3	6.7/5.1	7.1/5.0	8.4/5.1	8.4/5.1
BDL	-0.10	3.2/2.6	3.3/2.9	3.6/3.7	3.9/4.1	4.0/4.3	4.3/4.2	5.0/4.8	4.8/4.9	5.2/5.1	5.9/5.1	6.3/5.2	5.8/5.2	6.1/5.4	6.7/5.6	7.2/5.6
BFL	0.21	3.6/3.7	3.3/4.6	2.8/3.7	2.9/3.3	3.4/4.7	4.1/4.9	4.2/5.1	4.2/5.8	4.8/5.9	4.5/6.1	5.5/6.2	5.5/6.4	4.9/6.5	4.8/6.7	5.1/6.9
BGM	0.03	1.9/2.8	2.4/2.8	2.7/3.5	2.7/4.7	3.4/5.3	3.9/4.9	4.5/6.2	4.8/6.7	6.2/6.6	6.8/6.6	7.1/6.4	7.8/6.4	8.4/6.3	9.2/6.1	9.7/6.1
BHM	-0.07	1.8/2.1	2.4/2.8	3.0/2.8	3.6/4.0	3.5/3.9	4.0/3.6	4.4/3.5	4.4/4.3	4.1/4.3	4.4/4.4	5.3/4.4	5.0/4.5	5.4/4.6	6.4/4.8	6.1/4.9
BIS	-0.19	3.1/2.1	3.5/2.5	3.2/3.0	3.1/4.9	3.9/5.2	4.9/6.5	5.9/5.8	7.0/9.8	8.4/9.3	10.0/8.7	10.6/8.2	11.3/7.8	11.7/7.4	11.9/7.2	12.9/6.8
BNA	-0.32	2.5/1.6	3.3/2.1	3.4/2.3	3.8/3.3	4.1/3.4	4.4/3.7	4.7/4.1	4.6/4.9	4.9/4.7	5.4/4.8	6.9/4.8	6.6/5.0	7.2/5.1	8.0/5.0	8.0/5.2
BOI	0.03	3.2/3.8	3.7/3.7	3.4/4.4	3.6/3.9	4.0/4.2	4.3/5.1	4.4/5.1	4.4/4.3	5.0/4.6	5.9/4.8	6.1/4.8	5.4/5.2	5.3/5.4	5.2/5.8	5.3/6.3
BOS	-0.11	3.0/2.2	3.1/2.5	3.4/2.9	3.7/3.8	4.1/4.6	4.2/4.4	4.8/4.5	4.6/5.0	5.0/5.1	6.3/5.1	5.8/5.1	5.8/5.2	6.0/5.3	6.5/5.5	6.6/5.5
BRO	0.14	2.4/2.4	2.3/3.3	2.3/3.7	2.2/3.2	2.3/3.0	2.6/3.6	2.8/3.4	2.9/3.2	3.1/3.1	3.2/3.3	3.2/3.3	3.4/3.3	3.3/3.4	3.2/3.5	3.1/3.6
BTV	0.00	2.7/2.3	2.8/2.6	3.0/2.4	2.7/3.6	2.9/4.8	3.6/5.2	3.8/6.8	3.5/6.6	4.8/6.5	5.9/6.3	6.1/6.1	6.9/5.8	7.5/5.6	8.4/5.5	8.8/5.4
BUF	-0.03	3.0/2.8	3.0/3.0	3.1/2.9	3.5/3.3	3.8/4.0	4.4/4.3	4.5/5.8	4.8/6.3	5.6/6.3	5.5/6.3	5.9/6.2	7.1/6.1	7.2/6.1	8.0/6.2	8.5/6.1
BUR	0.03	3.2/2.5	2.7/2.7	2.8/3.1	3.0/3.9	3.2/4.2	4.2/4.5	4.5/5.3	4.5/5.6	4.2/5.6	5.2/5.6	6.1/5.6	6.3/5.7	5.6/5.7	6.1/5.7	6.9/5.7
BWI	-0.03	2.4/2.9	3.0/2.6	3.3/3.4	3.3/3.2	3.5/4.3	3.9/4.1	4.8/4.6	4.9/5.3	5.1/5.5	6.0/5.5	6.2/5.6	6.3/5.8	6.6/6.0	7.4/6.1	7.5/6.2
CAE	-0.07	3.0/3.1	3.4/3.0	3.8/2.2	3.7/3.7	4.5/4.5	4.7/4.6	5.8/5.2	5.5/5.7	6.2/5.8	6.1/5.9	5.6/6.0	5.9/6.1	6.3/6.3	6.6/6.3	6.9/6.5
CHA	-0.31	2.3/1.8	3.2/2.7	3.7/2.7	4.1/3.8	4.3/3.4	4.2/2.8	4.6/3.5	4.7/4.1	4.5/4.1	4.4/4.1	5.5/4.2	5.8/4.1	6.1/4.2	7.1/4.3	7.1/4.4
CLE	0.00	2.2/2.0	2.2/2.4	2.8/3.5	2.9/3.7	3.6/4.1	4.4/5.0	4.9/6.2	5.6/6.6	6.1/6.5	5.6/6.4	6.2/6.3	7.1/6.3	7.2/6.2	8.4/6.2	9.3/6.2
CLT	-0.31	4.6/2.4	5.5/3.5	5.9/2.7	5.6/4.0	5.4/4.1	5.4/4.4	5.6/4.7	5.3/5.2	5.9/5.4	6.2/5.3	5.6/5.5	6.0/5.7	6.7/5.8	7.2/6.0	7.3/6.2
CMH	-0.09	2.2/2.3	2.6/2.6	3.0/3.0	2.9/3.8	3.6/3.6	3.7/4.5	4.1/5.7	4.8/5.3	5.3/5.4	5.1/5.3	6.3/5.3	7.0/5.4	7.4/5.3	8.7/5.4	9.5/5.4
CON	-0.18	3.2/2.9	3.7/2.5	3.6/2.9	3.6/3.8	3.8/4.1	4.4/4.2	4.5/4.3	4.0/5.3	5.0/5.2	6.0/5.1	6.5/5.0	6.7/4.9	7.1/5.2	7.6/5.2	8.3/5.3
COS	-0.40	4.9/3.8	5.2/3.8	5.7/4.1	5.7/5.5	6.6/5.9	6.4/6.7	7.6/7.1	8.8/8.1	10.6/8.0	13.0/7.9	13.5/7.9	13.5/7.9	13.5/7.9	13.4/7.9	14.2/8.0
COU	-0.26	2.3/2.4	3.3/2.8	3.5/3.1	4.4/3.9	4.9/4.8	5.6/6.0	5.8/5.8	6.5/6.6	7.2/6.5	8.2/6.5	9.5/6.4	10.0/6.4	10.7/6.3	11.2/6.3	11.0/6.4
CQT	0.14	3.3/3.1	3.2/4.5	2.9/4.3	3.0/4.9	3.3/4.6	3.5/4.7	3.8/5.4	4.0/5.0	4.0/4.9	4.7/5.0	5.3/5.1	5.2/5.1	4.8/5.1	5.1/5.0	5.3/5.1
CRP	0.17	1.4/1.8	1.6/2.1	1.7/3.7	2.2/3.0	2.8/3.1	3.5/3.8	3.6/4.2	3.5/3.8	3.6/3.9	3.7/4.0	3.7/4.1	3.9/4.2	3.9/4.3	3.7/4.4	3.6/4.6
CRW	-0.04	2.8/2.1	2.7/2.2	3.1/3.5	3.1/3.4	3.3/4.3	4.1/5.5	5.2/5.9	5.9/6.6	6.9/6.7	6.5/6.7	6.9/6.6	7.6/6.7	7.4/6.6	8.2/6.6	8.5/6.6
CVG	-0.00	1.7/2.1	2.1/2.3	2.6/3.0	3.0/3.5	3.5/4.0	4.2/4.6	4.6/6.0	4.8/5.4	5.0/5.5	5.1/5.5	6.2/5.7	6.9/5.7	6.9/5.7	8.0/5.8	8.6/5.9
DAY	-0.10	1.8/2.1	2.1/2.3	2.7/2.5	2.8/3.4	3.5/3.6	3.9/4.4	4.2/5.5	4.9/5.3	5.3/5.2	4.8/5.1	6.2/5.0	7.0/5.1	7.3/5.2	8.3/5.2	9.1/5.3
DBQ	-0.21	1.8/2.1	2.6/3.1	2.7/2.9	3.5/3.6	3.8/4.1	4.3/4.9	4.3/4.3	4.4/5.3	4.9/5.2	5.9/5.2	7.7/5.1	8.0/5.1	8.9/5.1	9.8/5.1	10.3/5.2
DCA	-0.03	2.3/2.8	2.6/3.1	3.0/3.5	3.1/3.7	3.6/3.8	4.1/4.2	4.8/4.6	4.7/4.8	4.8/5.0	5.6/5.0	5.8/5.1	6.0/5.3	6.3/5.3	6.9/5.4	7.1/5.6
DEC	-0.04	2.3/2.2	2.9/3.3	3.2/3.8	3.9/3.9	4.4/4.6	4.7/5.5	5.5/5.9	5.6/6.0	5.8/6.1	6.0/6.0	6.9/6.1	7.5/6.3	8.1/6.3	8.8/6.5	9.3/6.7
DEN	-0.21	4.6/3.7	4.8/4.1	5.0/4.8	5.5/6.2	6.9/6.3	8.0/8.2	9.1/9.0	10.8/9.3	11.5/9.3	12.7/9.1	12.7/9.3	13.1/9.2	12.7/9.3	12.7/9.3	13.3/9.4
DFW	-0.37	1.8/1.8	1.8/2.5	2.0/2.9	3.1/3.0	3.4/4.4	4.2/4.7	3.9/4.0	4.2/4.4	5.3/4.2	6.7/4.0	7.1/3.9	8.0/3.9	8.1/3.7	8.4/3.7	8.4/3.8
DLH	-0.15	2.5/1.9	3.0/2.4	3.6/2.9	3.2/3.0	3.2/4.0	3.7/4.4	4.5/5.6	4.7/8.1	6.2/7.8	7.6/7.4	8.4/7.1	8.9/6.8	9.9/6.5	10.6/6.2	10.9/5.9
DSM	-0.12	2.4/2.0	3.2/3.3	3.1/3.1	4.1/4.3	4.6/5.2	5.8/5.5	6.1/6.2	6.3/7.5	6.7/7.3	7.7/7.2	8.8/7.0	8.8/6.8	8.9/6.7	9.6/6.6	10.0/6.5
DTW	0.03	1.9/1.9	2.2/2.1	2.5/2.6	2.9/2.8	3.2/3.1	3.9/4.0	3.7/5.0	4.5/5.4	4.8/5.2	4.2/5.2	4.3/5.0	5.1/5.0	4.9/4.9	5.1/4.9	6.0/4.8
ELP	-0.07	1.5/1.5	1.6/1.5	2.1/1.6	2.3/2.0	2.5/3.1	2.7/3.9	3.2/4.2	3.9/4.9	4.6/4.8	5.4/4.7	5.7/4.6	5.6/4.4	5.6/4.4	5.1/4.3	5.6/4.2
ERI	-0.05	2.4/2.0	2.7/2.3	3.0/3.1	3.1/3.0	3.6/3.4	4.1/4.4	4.3/5.8	5.1/5.9	5.9/5.9	5.5/5.8	5.5/5.8	6.7/5.9	6.7/6.0	7.5/6.0	8.2/5.9
EUG	0.07	4.1/2.5	3.9/3.2	3.5/3.2	3.2/4.6	3.3/3.9	3.2/4.1	3.5/4.0	3.6/3.9	3.7/4.1	3.9/4.2	3.9/4.4	3.7/4.5	3.8/4.8	3.9/5.1	3.9/5.3
EVV	-0.23	2.3/2.4	2.8/2.5	3.5/3.5	3.8/4.2	4.2/5.4	5.0/5.2	5.3/5.3	5.3/5.6	5.7/5.5	6.6/5.3	8.3/5.3	8.5/5.3	9.1/5.3	9.9/5.3	10.1/5.4
EWR	-0.13	2.5/2.4	2.8/1.9	2.6/2.8	3.0/4.1	3.2/3.1	3.5/3.2	4.1/3.8	3.9/4.8	4.4/4.8	5.4/4.8	5.6/4.7	5.8/4.8	6.2/4.9	7.1/4.8	7.6/4.8
FAR	0.05	2.2/2.3	2.3/2.7	2.5/2.9	2.6/4.0	3.2/5.6	3.9/6.0	4.3/6.4	4.6/8.9	5.4/8.3	6.4/7.8	7.3/7.2	7.7/6.7	8.8/6.3	9.2/5.7	9.7/5.3
FAT	0.10	3.1/3.9	2.8/3.0	2.6/3.3	2.6/3.7	3.1/3.9	3.9/3.8	4.0/4.0	3.8/4.8	4.1/4.8	4.4/5.0	5.7/5.1	5.6/5.3	5.4/5.5	5.3/5.7	5.3/5.9
FLG	-0.14	2.3/2.4	2.9/2.1	3.2/2.3	3.6/2.9	4.2/4.0	4.8/4.8	6.3/6.2	7.2/6.8	7.1/6.7	7.7/6.6	7.6/6.6	7.5/6.5	7.4/6.4	7.4/6.3	7.3/6.4
FMY	-0.16	2.1/1.4	2.4/1.9	2.7/1.6	2.4/2.2	2.5/2.3	3.2/2.8	3.6/3.0	3.6/3.6	3.6/3.7	4.0/3.7	3.8/3.7	3.6/3.7	3.8/3.7	4.2/3.7	4.1/3.7
FSD	-0.36	3.0/1.9	3.6/2.3	3.8/2.6	3.6/3.3	3.8/4.8	4.8/5.6	5.2/6.7	5.8/7.9	7.2/7.5	8.9/7.2	10.1/6.8	10.3/6.4	11.6/6.1	11.8/5.8	12.7/5.6
FWA	-0.06	2.1/2.6	2.7/3.6	2.8/3.4	3.2/3.5	4.0/3.9	4.6/5.2	4.7/5.4	4.9/5.4	5.3/5.3	4.5/5.3	5.6/5.2	6.8/5.1	7.1/5.1	8.0/5.1	9.0/5.3

GAD	-0.76	1.4/0.9	3.3/2.3	6.1/2.6	5.8/3.3	5.6/3.4	6.1/3.1	5.9/4.9	5.0/3.3	4.4/3.0	4.1/2.9	5.5/3.1	5.6/3.1	6.6/3.0	7.6/3.3	7.6/3.7
GEG	-0.02	2.7/2.2	2.9/2.5	3.1/2.7	3.0/3.0	3.5/3.4	4.0/3.8	4.2/4.1	5.4/4.9	5.4/5.2	6.0/5.5	5.9/5.7	5.9/6.0	5.4/6.3	5.1/6.7	5.4/7.0
GTF	-0.08	2.6/2.9	2.5/3.1	2.8/3.7	3.5/3.8	4.2/4.9	5.3/6.1	5.7/6.7	7.6/7.9	8.2/7.7	9.7/7.6	10.3/7.4	9.8/7.3	9.4/7.2	10.2/7.1	10.3/7.0
HOU	0.16	1.2/1.6	1.5/1.7	1.5/2.7	1.9/2.4	2.6/3.2	2.8/3.7	3.3/4.2	2.7/3.6	3.2/3.6	3.5/3.8	3.6/4.0	4.3/4.1	4.3/4.3	4.2/4.5	4.0/4.7
HSV	-0.15	2.1/2.6	2.9/2.9	3.5/3.1	3.7/4.3	4.0/4.0	4.3/4.1	4.6/3.9	4.4/4.6	4.7/4.5	5.1/4.4	5.7/4.4	5.6/4.4	6.2/4.5	7.1/4.4	6.8/4.5
IAH	0.02	1.7/1.9	1.2/2.2	1.4/2.3	2.0/2.8	2.6/3.4	3.4/4.1	3.4/4.3	2.8/3.4	3.3/3.6	4.4/3.6	4.2/3.6	5.2/3.7	5.6/3.9	5.5/4.1	5.0/4.2
ICT	-0.35	3.1/1.9	3.6/2.7	3.6/4.1	3.8/3.9	4.7/5.1	5.2/5.0	6.0/5.5	6.6/6.2	7.4/6.1	9.2/5.9	9.6/5.9	9.8/5.9	10.3/5.9	10.3/6.0	11.0/6.0
ILG	-0.17	2.2/2.2	2.8/2.8	3.1/3.1	3.3/3.2	3.8/3.3	3.9/3.2	4.9/3.8	4.6/4.7	5.1/4.7	5.9/4.8	6.1/4.8	6.2/4.9	6.3/5.0	7.1/5.1	7.4/5.2
IND	-0.05	2.2/2.5	2.4/3.2	2.8/3.4	3.3/3.5	3.9/4.2	4.5/5.1	4.9/5.7	4.9/5.8	5.1/5.6	5.3/5.6	6.4/5.7	7.3/5.7	7.6/5.7	8.6/5.7	9.2/5.7
IPT	0.06	2.3/2.4	2.5/3.0	2.4/3.4	2.4/5.0	3.0/4.6	2.9/4.4	3.4/6.3	3.7/6.5	4.2/6.2	5.6/6.0	6.0/5.7	6.9/5.5	7.2/5.3	8.5/5.0	8.7/4.9
JAN	-0.10	2.1/2.5	2.7/2.6	3.1/2.7	3.4/4.1	4.2/4.7	4.7/4.0	5.0/4.3	4.3/4.3	4.4/4.4	5.1/4.4	5.4/4.4	5.3/4.5	5.9/4.5	6.1/4.6	5.7/4.8
JAX	-0.04	2.8/2.2	2.6/2.2	2.4/2.7	3.1/3.8	3.3/3.5	3.4/3.7	3.9/3.6	4.1/4.4	4.0/4.2	4.4/4.1	4.3/4.1	4.4/4.2	4.7/4.2	4.7/4.3	5.0/4.2
JFK	-0.07	1.9/1.3	1.9/1.5	1.8/2.2	2.2/3.0	2.4/2.7	2.6/3.0	3.2/3.6	3.3/4.3	3.8/4.2	4.7/4.2	4.8/4.2	4.9/4.1	5.2/4.2	5.7/4.2	5.7/4.2
LAN	0.07	2.4/2.9	2.7/3.1	2.9/3.3	3.3/3.7	3.8/3.6	4.4/4.9	4.7/5.6	4.8/6.3	5.4/6.0	4.7/6.0	5.4/5.9	6.2/6.0	5.9/6.0	6.7/6.1	7.4/6.2
LAS	-0.22	2.8/2.2	2.8/2.3	2.9/2.7	3.4/2.6	3.3/3.1	3.7/3.0	3.6/3.5	3.9/3.7	4.2/3.7	5.1/3.7	5.0/3.7	4.8/3.6	5.1/3.7	4.9/3.9	5.0/4.1
LAX	0.07	4.2/3.2	4.0/4.4	3.7/4.7	3.8/4.8	4.4/4.2	4.2/4.6	3.9/4.5	4.2/5.1	4.2/5.1	4.3/5.1	4.9/5.0	5.1/5.0	4.5/5.1	4.9/5.2	5.1/5.3
LEX	-0.04	1.6/1.8	2.2/2.4	2.6/2.6	3.1/3.4	3.7/4.1	4.7/4.6	5.3/5.3	5.0/5.6	5.1/5.6	5.5/5.5	6.5/5.6	6.8/5.7	6.8/5.8	7.8/5.9	8.2/5.9
LFK	-0.21	1.7/1.9	2.1/2.2	2.1/2.8	2.8/3.2	3.3/4.3	4.1/3.9	4.6/4.3	4.2/3.4	4.5/3.3	5.1/3.4	5.3/3.5	5.6/3.6	6.1/3.7	6.1/3.9	5.8/4.2
LGA	-0.14	1.9/2.0	2.4/2.2	2.6/3.1	2.5/3.3	3.2/2.8	3.4/2.9	3.9/3.7	3.6/4.3	3.9/4.2	5.1/4.2	5.5/4.3	5.6/4.2	6.0/4.3	6.9/4.5	7.4/4.5
LGB	0.02	4.0/3.4	4.2/4.3	4.0/4.4	4.4/4.8	4.5/4.8	4.3/4.8	4.3/5.6	4.4/5.8	4.5/5.8	5.6/5.8	6.5/5.7	6.1/5.7	6.0/5.6	6.4/5.8	6.9/5.9
LIT	-0.18	2.4/4.0	2.7/4.2	3.3/4.0	3.9/6.5	4.7/5.8	5.3/5.3	5.6/5.6	5.3/5.7	5.9/5.6	7.4/5.4	8.5/5.4	8.8/5.1	9.7/5.3	10.1/5.2	9.8/5.2
LNS	0.08	2.2/2.2	2.5/2.7	2.7/3.4	2.9/3.6	3.1/3.0	3.9/3.5	4.4/4.2	4.4/8.5	4.8/8.2	6.1/7.9	6.4/7.5	6.7/7.2	6.8/6.9	8.0/6.7	8.2/6.4
MAF	0.04	2.1/3.6	2.5/2.8	2.6/3.0	2.9/5.4	3.2/4.1	4.1/5.1	3.5/5.7	4.5/5.8	5.0/5.7	6.0/5.6	6.7/5.5	6.9/5.4	7.1/5.3	6.9/5.1	7.1/5.1
MBA	-0.19	3.2/2.4	3.4/2.6	3.6/3.1	3.5/3.6	3.9/4.6	4.2/4.2	4.7/4.8	4.4/4.9	5.0/4.9	6.6/5.0	6.8/5.1	6.8/5.2	7.1/5.3	8.0/5.4	8.5/5.4
MCI	-0.23	3.0/2.8	3.6/3.3	3.6/4.2	4.5/5.1	5.3/5.4	6.1/6.0	6.7/7.0	7.6/7.8	8.5/7.6	9.7/7.4	10.8/7.2	10.9/7.0	11.6/7.0	11.8/6.9	11.9/6.9
MCN	-0.02	2.6/3.5	3.3/3.1	3.5/4.1	3.8/3.8	4.3/3.7	4.4/4.5	4.8/4.4	5.0/4.6	4.9/4.7	4.8/4.8	4.6/4.8	4.9/4.9	5.3/5.1	6.0/5.2	5.9/5.3
MCO	-0.09	2.0/1.6	2.0/1.7	2.4/2.2	2.3/2.5	2.6/2.4	2.9/2.8	3.3/2.8	3.6/3.7	3.7/3.7	4.0/3.7	4.1/3.7	4.0/3.8	4.2/3.7	4.4/3.9	4.1/3.9
MDT	-0.09	2.4/2.1	2.5/2.4	2.7/3.2	2.7/3.4	3.4/3.3	3.6/3.9	3.9/4.2	4.0/4.9	4.6/4.8	5.3/4.8	5.6/4.8	6.1/4.7	6.3/4.7	7.1/4.8	7.1/4.9
MEM	-0.22	2.3/2.1	2.9/2.5	3.2/3.1	4.1/4.2	4.5/4.7	4.9/4.4	4.9/4.8	4.1/4.9	5.0/4.9	6.3/4.9	7.3/5.0	7.4/5.0	8.5/5.0	8.6/5.2	8.5/5.3
MHT	-0.15	3.6/3.0	3.8/3.4	3.9/3.2	3.9/4.1	4.3/4.1	4.7/4.3	4.7/4.6	4.4/5.3	5.1/5.2	6.5/5.3	6.6/5.3	6.5/5.3	6.9/5.3	7.3/5.4	7.9/5.6
MIA	-0.22	2.0/1.3	2.3/1.1	2.3/1.3	2.4/1.6	2.5/1.8	2.8/2.4	3.2/2.5	3.0/3.0	2.9/3.1	2.7/3.1	2.7/3.0	2.6/2.9	2.7/2.7	2.8/2.7	2.7/2.7
MKE	-0.09	2.9/2.1	2.8/2.6	2.9/3.1	2.8/3.6	3.6/4.1	3.9/4.5	3.9/4.6	3.9/4.7	4.3/4.6	4.6/4.6	5.5/4.6	6.0/4.5	6.0/4.6	6.9/4.7	7.7/4.8
MOB	0.19	1.8/2.6	2.3/2.3	2.4/2.3	3.0/3.6	3.2/4.3	3.5/4.3	3.9/4.7	4.0/4.3	3.6/4.4	3.5/4.6	3.6/4.7	3.8/5.0	3.9/5.2	3.9/5.4	3.9/5.5
MSP	-0.18	2.1/2.5	2.5/2.8	3.2/2.4	3.9/3.6	3.9/4.4	4.3/5.1	4.8/5.7	4.5/7.8	5.4/7.3	7.2/6.9	8.4/6.6	8.7/6.0	9.9/5.6	10.4/5.3	11.1/5.0
MSY	0.21	1.7/1.8	1.9/1.8	2.0/2.1	2.1/3.1	2.5/3.5	3.1/4.5	3.9/4.9	3.6/4.6	3.5/4.7	3.7/4.8	3.5/5.0	4.1/5.2	4.6/5.4	4.3/5.6	3.9/5.8
MWL	-0.47	3.2/2.5	3.1/3.4	3.2/2.8	4.2/4.0	4.4/4.9	5.3/5.2	5.3/5.4	5.9/4.6	7.1/4.6	8.0/4.5	8.7/4.4	9.0/4.4	9.1/4.4	9.3/4.5	9.4/4.6
NKX	0.03	4.9/4.1	4.6/4.4	4.3/4.2	3.9/4.4	3.9/5.1	4.4/5.2	4.9/4.6	5.1/0.0	5.3/0.0	5.3/0.0	5.7/0.0	5.8/0.0	5.6/0.0	5.7/0.0	6.0/0.0
NTU	0.02	2.4/1.8	2.5/2.5	2.8/3.3	3.1/3.4	3.4/4.5	3.9/3.5	4.9/3.8	4.7/5.4	5.2/5.5	5.7/5.5	5.5/5.5	5.0/5.7	5.3/5.8	5.2/5.9	5.2/6.1
OAK	-0.01	2.6/2.3	2.8/2.5	3.0/2.7	3.2/2.9	3.2/2.5	3.8/2.8	4.0/3.2	4.3/5.0	4.8/5.1	4.6/5.2	4.7/5.4	4.6/5.6	4.5/5.8	4.6/5.9	4.4/6.1
OKC	-0.46	3.5/3.0	4.2/3.1	4.1/3.5	4.5/3.9	4.9/5.5	5.9/5.6	6.2/5.3	6.5/5.5	7.2/5.5	8.7/5.3	9.4/5.3	9.8/5.2	10.3/5.2	10.5/5.1	10.7/5.2
OMA	-0.18	3.3/2.4	3.5/3.5	3.6/3.6	3.8/4.2	3.8/5.1	5.5/6.2	5.9/5.9	6.4/7.0	7.0/7.0	8.1/6.8	9.4/6.7	9.4/6.5	9.8/6.5	10.2/6.4	10.9/6.4
ORD	-0.07	2.3/2.3	2.7/3.3	2.7/3.4	3.0/3.4	3.7/4.5	4.1/4.9	4.0/4.9	4.0/5.2	4.6/5.1	5.0/5.0	6.2/4.9	6.6/4.9	6.9/4.9	8.0/4.9	8.8/4.9
ORH	-0.07	3.4/3.0	3.5/3.3	3.5/3.3	3.3/4.1	4.0/4.6	4.3/4.0	4.9/5.0	4.6/5.4	5.1/5.5	6.5/5.5	6.6/5.6	6.4/5.6	6.6/5.6	7.2/5.7	7.7/5.9
PDT	0.05	3.2/4.5	3.5/4.8	3.5/5.1	3.9/4.8	3.7/4.8	3.9/5.3	4.4/4.7	4.7/4.3	4.8/4.4	5.6/4.6	5.7/4.7	5.6/4.8	5.5/5.1	5.5/5.2	5.5/5.5
PDX	0.15	3.0/3.7	3.1/3.8	3.2/4.3	2.9/4.2	2.8/3.9	3.1/3.6	3.2/4.3	3.2/3.6	3.4/3.6	3.7/3.7	3.9/3.7	3.6/3.8	3.4/3.9	3.4/4.0	3.4/4.2
PHL	-0.12	2.1/2.4	2.4/2.6	2.9/3.5	3.4/3.6	3.6/3.1	3.8/3.5	4.5/3.9	4.2/4.5	4.9/4.6	5.6/4.6	5.7/4.5	5.7/4.5	5.8/4.6	6.4/4.6	6.6/4.8
PHX	-0.03	1.8/1.7	1.7/1.9	1.6/1.8	2.1/1.9	3.2/3.0	3.5/3.2	3.9/3.6	4.2/5.5	4.8/5.2	5.1/5.0	4.8/4.7	4.6/4.6	4.9/4.4	4.8/4.2	5.3/4.1
PIR	-0.37	2.6/1.5	3.1/2.2	2.9/2.6	2.9/4.6	3.7/4.4	5.0/5.6	5.9/7.2	7.5/8.1	9.4/7.8	11.0/7.4	11.4/7.0	11.8/6.7	11.8/6.4	12.3/6.1	13.3/6.0
PIT	-0.09	2.4/2.6	2.5/2.9	3.2/3.2	3.4/3.9	3.8/4.4	4.2/4.0	4.5/5.8	5.2/5.9	6.1/5.9	5.9/5.8	6.9/5.7	7.4/5.7	7.8/5.7	8.7/5.6	9.2/5.7
PVD	-0.14	3.0/2.9	3.2/2.7	3.3/3.2	3.4/4.3	3.8/4.7	3.8/4.7	4.7/5.2	4.6/5.2	5.2/5.2	6.6/5.3	7.1/5.3	7.4/5.3	7.7/5.4	8.8/5.4	9.2/5.5
PWM	-0.14	3.2/2.9	3.4/2.6	3.6/3.3	3.5/3.8	3.9/4.4	4.3/5.6	4.6/4.9	4.6/5.6	5.5/5.5	6.8/5.4	7.0/5.4	7.0/5.4	7.3/5.3	7.7/5.3	8.2/5.3
RAL	0.08	2.5/3.1	2.7/3.9	3.1/4.1	3.3/4.5	3.5/5.8	4.6/6.1	4.8/6.7	5.3/6.0	5.7/6.0	5.8/5.9	6.5/5.7	6.6/5.6	6.6/5.6	6.8/5.7	7.1/5.5
RAP	-0.23	2.3/2.9	2.7/3.6	2.8/3.6	3.2/4.4	4.9/6.4	5.7/6.5	7.4/7.2	9.3/9.0	11.2/8.7	12.9/8.3	12.9/8.0	13.3/7.8	13.3/7.4	13.5/7.4	14.6/7.2
RBL	0.06	3.4/2.2	3.0/2.6	3.1/3.2	3.5/3.2	4.1/3.9	4.2/3.8	3.9/4.9	4.3/6.3	5.0/6.5	5.7/6.7	6.2/6.9	5.9/7.2	6.0/7.5	6.3/7.7	6.4/8.0
RDD	-0.06	4.0/2.5	4.3/2.9	4.4/3.3	4.9/4.1	5.4/4.2	5.5/4.7	5.2/5.7	5.6/6.9	6.4/7.1	6.8/7.4	7.0/7.5	6.7/7.8	6.7/8.0	7.1/8.3	7.2/8.5
RDU	-0.12	3.5/2.3	4.4/2.9	4.8/3.4	4.6/4.3	4.6/5.0	5.1/5.1	5.8/5.5	5.6/5.8	6.1/5.9	6.4/6.0	5.7/6.2	6.2/6.1	6.6/6.3	7.0/6.5	7.1/6.5
RIC	-0.16	3.7/2.7	4.4/3.1	4.8/3.2	4.5/3.2	4.6/4.8	4.8/5.0	5.6/5.7	5.5/5.6	6.2/5.7	6.8/5.8	6.4/5.7	6.3/5.9	6.4/6.0	7.0/6.0	7.1/6.0
RNO	-0.02	3.5/3.8	3.4/3.4	3.6/3.5	3.2/4.5	3.6/4.8	4.7/4.3	4.7/4.6	5.7/5.2	5.0/5.2	5.9/5.2	6.4/5.3	6.6/5.4	5.8/5.6	5.9/5.7	6.4/6.0

ROA	-0.06	3.1/2.1	3.5/2.6	3.9/3.3	3.8/3.7	4.5/4.8	4.8/6.0	5.4/6.6	5.5/6.3	6.5/6.3	6.3/6.3	6.1/6.4	6.0/6.4	6.4/6.5	7.7/6.6	8.2/6.5
ROC	-0.07	3.4/2.6	3.7/2.8	3.6/3.4	3.8/2.8	4.3/3.8	4.7/4.2	5.0/5.1	5.0/6.2	5.7/6.1	5.5/6.2	5.2/6.1	5.9/6.1	6.1/6.0	6.8/5.9	7.2/6.0
SAC	0.19	2.1/2.9	2.1/2.1	2.2/2.2	2.3/2.4	2.5/2.5	2.7/2.4	2.6/3.0	2.8/4.4	3.3/4.6	3.5/4.8	3.9/5.0	3.7/5.3	3.8/5.5	3.8/5.8	4.0/6.1
SAN	0.11	2.1/1.9	2.2/2.5	2.3/2.3	2.3/2.8	2.5/2.6	2.5/3.3	2.5/3.2	2.9/4.1	3.0/4.1	3.6/4.2	4.3/4.4	4.1/4.5	3.6/4.5	4.0/4.4	4.4/4.4
SAT	0.11	1.9/2.7	1.8/2.8	1.9/3.2	1.7/1.9	2.4/3.0	3.2/3.3	3.5/3.8	2.7/3.5	3.2/3.6	3.5/3.8	3.9/4.0	4.4/4.1	4.8/4.2	4.5/4.5	4.4/4.7
SAV	-0.06	2.6/2.8	3.4/2.8	3.7/3.3	4.5/4.4	4.5/5.0	4.9/5.2	5.8/5.3	5.6/5.6	5.8/5.7	6.5/5.7	6.2/5.8	6.2/5.8	6.6/5.9	6.8/6.0	6.9/6.0
SDF	-0.20	2.1/1.8	2.6/2.2	3.1/3.1	3.6/3.6	4.2/4.1	4.6/4.5	5.3/5.2	4.7/5.1	4.7/5.0	5.4/5.0	6.7/5.0	7.2/5.0	7.6/5.1	8.6/5.1	8.7/5.2
SEA	-0.07	1.9/2.1	1.9/2.5	2.2/2.2	2.5/2.7	2.8/3.0	3.2/3.3	3.4/3.2	3.5/3.2	4.1/3.4	4.8/3.4	4.8/3.4	4.4/3.5	3.8/3.7	4.0/3.8	4.1/4.0
SFO	-0.27	3.3/2.1	3.2/2.4	3.4/2.5	3.5/2.3	3.2/2.1	3.6/2.6	3.7/2.8	3.7/3.1	4.3/3.1	3.8/3.3	3.8/3.4	3.7/3.5	3.9/3.5	3.7/3.7	3.8/3.9
SJC	-0.07	2.7/2.2	2.5/1.8	2.5/2.0	2.9/2.4	3.2/2.1	3.3/2.4	3.6/3.0	4.0/4.4	4.5/4.5	4.2/4.7	4.4/4.9	4.0/5.0	4.2/5.2	4.2/5.3	4.3/5.6
SJT	0.07	1.7/2.7	2.0/2.4	2.2/3.2	2.7/4.1	3.1/5.2	4.4/6.0	3.9/6.8	4.3/6.0	4.8/5.7	5.6/5.5	6.1/5.3	6.7/5.2	6.8/4.9	6.7/4.8	6.8/4.6
SLC	-0.08	3.1/3.6	3.7/3.4	4.2/4.1	4.3/3.8	4.0/5.6	5.3/6.5	6.1/6.2	6.5/5.7	6.9/5.7	7.5/5.6	7.3/5.8	7.3/5.9	7.2/6.1	7.3/6.2	6.9/6.4
SSI	0.04	2.1/2.1	2.4/2.9	2.7/2.7	3.2/3.5	3.2/3.5	2.9/3.4	3.4/3.4	3.7/3.9	3.7/4.0	4.2/4.0	4.2/4.1	4.2/4.3	4.5/4.4	4.5/4.4	4.6/4.4
STL	-0.17	2.5/2.3	3.2/2.9	3.7/3.6	4.3/3.5	4.9/4.7	4.7/6.1	5.1/6.0	5.9/6.4	6.0/6.4	6.7/6.2	8.1/6.2	8.6/6.1	9.2/6.2	10.2/6.1	10.2/6.1
SYR	0.01	2.0/2.8	2.8/2.4	2.8/3.2	3.2/3.3	3.8/4.6	4.5/4.9	4.8/6.6	4.7/6.3	5.8/6.3	6.0/6.1	6.0/5.9	6.7/6.0	7.1/5.9	8.0/6.0	8.2/5.9
TLH	0.15	2.5/2.4	2.9/2.5	2.6/3.8	2.9/4.1	3.1/4.0	3.2/4.2	4.0/4.2	4.2/4.0	4.1/4.2	3.6/4.3	3.8/4.4	3.7/4.7	3.6/4.9	3.8/5.1	4.0/5.3
TPA	0.09	1.5/1.6	1.8/1.6	2.1/2.4	1.9/2.2	2.2/3.0	2.8/3.7	3.2/3.8	3.5/3.8	3.7/3.9	3.9/4.0	4.0/4.0	3.8/4.0	3.6/4.1	3.7/4.2	3.9/4.4
TRM	-0.09	2.6/1.7	2.7/2.2	2.8/2.7	3.3/2.5	3.1/2.9	3.5/2.5	3.4/3.4	3.4/3.6	4.0/3.7	3.9/3.9	4.3/4.1	4.1/4.1	3.8/4.4	4.0/4.5	4.5/4.7
TUL	-0.48	3.0/2.4	4.0/2.6	4.0/3.0	4.5/5.0	5.1/5.1	6.1/6.1	5.9/5.4	6.7/6.1	7.6/5.9	9.4/5.7	10.2/5.6	10.8/5.4	11.1/5.3	11.4/5.5	11.7/5.4
TUS	0.22	1.5/2.1	1.2/2.2	1.5/2.8	1.7/2.8	2.0/3.6	2.9/4.4	4.0/4.8	4.9/6.6	5.5/6.3	5.8/6.1	4.9/5.9	5.1/5.7	5.1/5.5	5.1/5.4	5.6/5.1
TYR	-0.44	1.7/2.1	1.9/2.4	2.1/2.5	2.4/3.0	3.1/3.3	4.1/4.7	4.8/4.5	4.8/3.9	5.5/3.7	6.2/3.6	6.6/3.5	7.0/3.3	7.8/3.3	8.0/3.3	7.8/3.3
TYS	-0.26	2.5/1.9	3.2/2.9	3.7/2.5	3.8/2.9	3.9/3.2	4.3/3.6	4.5/3.9	4.6/4.1	4.8/4.2	4.3/4.2	5.1/4.3	5.7/4.3	5.6/4.4	6.7/4.5	6.9/4.6
VCT	-0.04	1.7/1.6	2.1/1.2	1.9/2.5	2.2/2.6	3.1/3.1	3.9/3.2	3.9/4.1	3.7/4.0	4.0/4.0	4.1/4.0	4.1/4.0	4.6/4.1	4.7/4.2	4.5/4.3	4.3/4.5
WJF	-0.13	2.6/2.6	3.2/2.2	3.1/2.4	3.3/2.7	3.6/3.5	3.9/3.3	4.2/4.4	5.1/5.0	4.8/4.9	4.6/4.7	4.9/4.6	5.5/4.4	4.9/4.4	4.9/4.4	5.4/4.4
YKM	0.14	3.3/2.7	3.3/3.3	3.5/3.6	3.1/3.9	3.0/3.8	3.1/3.6	3.1/4.5	3.7/3.9	3.5/4.0	3.7/4.4	4.3/4.5	4.1/5.0	4.2/5.3	3.7/5.7	3.9/6.1
YNG	-0.01	2.7/2.4	3.0/2.9	3.7/3.5	3.7/4.3	4.0/4.8	4.6/5.0	5.0/6.9	5.5/7.2	6.4/7.0	5.9/6.8	6.7/6.7	7.6/6.6	7.5/6.4	8.4/6.3	8.9/6.2
YQB	-0.18	3.8/0.0	3.7/0.0	3.6/0.0	3.3/0.0	3.6/0.0	3.5/0.0	3.8/0.0	4.5/6.5	4.7/6.3	5.6/6.0	6.4/5.7	6.8/5.5	7.4/5.3	8.1/5.1	8.8/4.9
YUL	-0.22	2.3/0.0	2.5/0.0	2.9/0.0	2.8/0.0	3.1/0.0	3.4/0.0	3.5/0.0	3.1/4.9	4.1/4.7	4.8/4.6	5.3/4.4	5.9/4.4	5.9/4.3	6.7/4.3	7.6/4.4
YVR	0.07	1.8/0.0	1.8/0.0	1.7/0.0	1.7/0.0	2.0/0.0	2.3/0.0	2.5/0.0	2.9/2.8	3.0/2.9	3.1/3.0	3.0/3.1	3.1/3.2	2.8/3.3	2.7/3.5	2.9/3.6
YXD	-0.13	4.4/0.0	5.0/0.0	5.0/0.0	5.3/0.0	5.6/0.0	6.2/0.0	6.4/0.0	6.2/7.4	5.9/7.0	6.7/6.6	6.9/6.2	7.3/5.9	7.7/5.7	7.4/5.6	7.6/5.5
YYC	-0.47	4.5/0.0	4.6/0.0	5.0/0.0	5.8/0.0	6.0/0.0	7.0/0.0	7.9/0.0	9.0/7.8	9.3/7.5	10.5/7.3	10.9/7.1	11.0/7.0	11.0/6.9	10.8/6.7	10.9/6.6
YYZ	0.07	2.7/0.0	2.7/0.0	2.7/0.0	3.1/0.0	3.6/0.0	4.1/0.0	4.1/0.0	4.0/5.5	4.2/5.4	4.3/5.3	4.5/5.2	5.0/5.1	5.1/5.1	5.4/5.0	6.0/5.0

Bias (2009-11-01~2009-11-30)

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	-1.46	0.2/-0.4	0.5/0.4	0.4/-0.9	1.1/-2.1	1.4/-1.6	0.9/-1.2	1.4/-1.5	0.8/-1.9	0.4/-1.5	-1.9/-1.1	-3.1/-0.7	-4.2/-0.3	-5.3/0.1	-7.1/0.5	-7.3/0.8
ABI	-2.83	0.8/1.0	1.0/1.0	0.7/0.6	0.5/-2.5	-0.5/-1.9	-1.4/-3.3	-0.9/-2.9	-2.0/-2.2	-3.2/-1.7	-4.3/-1.3	-5.7/-0.9	-6.1/-0.4	-6.7/-0.0	-7.2/0.4	-7.5/0.8
ABQ	-1.63	0.4/1.1	0.0/1.0	-0.3/1.5	-0.5/0.6	-1.8/0.1	-0.6/0.5	-0.8/-0.6	-1.3/1.1	-2.2/1.5	-2.5/2.0	-2.7/2.4	-2.5/2.9	-3.0/3.3	-3.1/3.8	-3.7/4.3
ABY	1.09	0.3/0.5	0.4/1.8	0.3/2.9	0.3/2.5	0.4/1.8	0.8/2.0	0.9/2.6	1.9/3.5	2.1/3.8	2.4/4.1	2.3/4.4	2.0/4.7	1.2/5.0	0.5/5.3	0.6/5.6
ACT	-2.40	0.5/0.5	0.8/0.9	0.8/-0.3	0.7/-2.0	-0.1/-2.8	-0.6/-2.0	-0.8/-1.3	-1.3/-1.0	-2.6/-0.6	-4.0/-0.2	-4.9/0.2	-5.3/0.7	-5.8/1.1	-6.6/1.5	-6.8/1.9
ACY	-0.88	-0.3/-0.7	-0.1/0.2	0.0/-1.0	0.6/-1.6	1.0/-0.5	1.2/-0.1	1.5/-0.1	1.1/-0.4	1.1/-0.1	-0.8/0.3	-1.6/0.6	-2.8/1.0	-3.6/1.3	-5.2/1.6	-5.5/2.0
ALB	-2.03	-0.1/0.8	0.1/1.1	0.2/0.3	0.5/-3.2	0.8/-3.8	0.3/-3.4	0.4/-4.6	-0.1/-1.9	-1.0/-1.5	-2.8/-1.1	-3.7/-0.7	-4.6/-0.3	-5.8/0.1	-7.3/0.5	-7.7/0.9
ALW	-2.81	-0.3/-3.4	-0.1/-4.4	-0.5/-4.9	-1.3/-5.7	-1.8/-5.5	-2.2/-4.8	-2.4/-4.7	-2.8/0.2	-3.3/0.7	-4.8/1.2	-4.5/1.7	-4.6/2.2	-4.7/2.7	-4.3/3.2	-4.4/3.8
AOO	-1.37	-0.4/-0.5	-0.2/-0.2	0.2/-0.4	0.7/-2.5	2.0/-1.7	2.0/-0.9	1.2/-1.8	0.9/0.2	-0.5/0.6	-1.7/1.0	-2.6/1.4	-4.2/1.8	-5.2/2.2	-6.2/2.6	-6.6/2.9
APN	-2.70	0.1/-0.3	-0.2/-0.7	-0.2/-1.4	-0.2/-2.8	-0.3/-2.5	-0.0/-2.9	-0.3/-3.6	-0.3/-4.3	-1.1/-3.9	-4.5/-3.4	-5.1/-3.0	-5.8/-2.5	-6.6/-2.1	-7.5/-1.7	-8.3/-1.2
ATL	-1.40	-0.4/-0.1	-0.9/0.7	-0.9/1.5	-0.7/0.2	-0.5/0.2	-1.0/0.2	-0.8/0.7	-0.5/1.6	-0.7/1.9	-1.3/2.2	-1.6/2.5	-1.9/2.8	-2.8/3.2	-3.7/3.5	-3.5/3.8
AUG	-1.94	0.2/0.6	0.6/0.9	0.6/1.1	0.8/-0.8	1.2/-2.1	0.5/-1.7	-0.2/-2.9	-0.6/0.1	-1.4/0.5	-3.1/0.9	-3.8/1.3	-4.7/1.7	-5.5/2.1	-6.4/2.5	-7.3/2.9
AUS	-0.76	0.4/1.0	0.8/2.0	1.0/2.0	0.6/-0.9	0.7/-0.2	0.5/0.3	0.8/0.2	0.9/1.2	0.5/1.6	-1.6/2.0	-2.0/2.3	-2.9/2.7	-3.3/3.1	-4.0/3.4	-3.9/3.8
AVP	-2.21	0.0/0.7	0.1/0.4	0.2/-0.6	0.7/-2.5	1.3/-2.5	0.7/-1.8	0.4/-2.7	-0.3/-1.4	-1.5/-1.0	-3.3/-0.6	-4.2/-0.2	-5.2/0.2	-6.3/0.6	-7.9/1.0	-7.9/1.3
BDL	-0.90	0.3/1.4	0.7/1.6	1.0/1.1	1.8/-3.3	1.8/-2.8	1.5/-2.5	1.8/-2.4	1.2/-0.8	0.3/-0.4	-1.2/0.0	-2.3/0.4	-3.3/0.8	-4.3/1.2	-6.2/1.6	-6.7/2.0
BFL	-0.06	0.0/-0.1	0.1/4.2	0.0/2.5	0.1/0.9	-0.0/1.7	0.4/1.8	0.5/1.8	0.0/1.0	-0.7/1.4	-0.6/1.9	-0.0/2.4	0.2/2.9	0.1/3.4	-0.3/3.8	-0.6/4.3
BGM	-2.40	-0.0/-0.8	0.0/-1.3	0.0/-1.5	0.3/-3.7	0.9/-3.9	0.7/-3.9	0.5/-4.4	0.3/-3.5	-0.7/-3.0	-3.4/-2.6	-4.8/-2.2	-5.6/-1.8	-7.0/-1.4	-8.4/-1.0	-8.8/-0.6
BHM	-1.07	-0.3/-0.1	-0.6/0.1	-0.5/1.0	-0.2/1.0	0.1/1.6	0.1/0.4	-0.2/1.0	0.6/1.6	0.1/1.9	-1.2/2.3	-2.0/2.6	-2.0/2.9	-2.7/3.3	-3.7/3.6	-3.6/4.0
BIS	-6.28	-0.9/0.4	-1.2/1.2	-1.4/-0.6	-1.5/-3.5	-2.1/-3.4	-3.1/-5.4	-4.3/-3.6	-5.9/-9.7	-7.4/-9.0	-9.7/-8.4	-10.3/-7.7	-10.9/-7.0	-11.3/-6.3	-11.6/-5.6	-12.6/-4.9
BNA	-2.17	-0.3/-0.2	-0.7/-0.4	-0.6/-0.2	-0.3/-0.8	-0.1/-0.5	-0.0/-0.5	-0.3/-0.4	-0.0/-0.9	-1.2/-0.5	-2.7/-0.1	-4.1/0.3	-4.4/0.7	-5.4/1.1	-6.2/1.5	-6.4/1.9
BOI	-1.37	-0.2/-3.1	-0.3/-2.6	0.0/-2.6	0.2/-2.3	0.3/-1.5	0.4/0.1	0.4/-0.1	-0.5/0.9	-1.9/1.4	-3.6/2.0	-3.7/2.5	-3.1/3.1	-2.7/3.7	-2.9/4.3	-2.7/4.9
BOS	-1.50	0.5/0.3	0.6/-0.5	0.8/0.1	1.2/-2.2	1.5/-2.7	1.1/-0.8	0.6/-2.5	-0.2/-0.7	-0.9/-0.3	-2.1/-0.0	-3.8/0.3	-4.3/0.6	-5.0/0.9	-6.1/1.3	-6.3/1.6
BRO	0.56	0.1/1.0	0.2/2.2	0.1/2.0	0.0/2.3	0.3/1.8	-0.2/2.6	0.4/1.5	0.8/0.0	1.3/0.3	1.2/0.5	1.0/0.8	1.0/1.0	0.8/1.3	0.6/1.5	0.7/1.8
BTV	-2.92	-0.3/-0.5	-0.1/-0.9	-0.4/-1.1	-0.1/-2.9	-0.1/-4.5	-0.4/-3.9	-0.9/-5.4	-1.3/-3.9	-2.4/-3.5	-3.9/-3.1	-5.0/-2.7	-5.8/-2.3	-6.6/-1.9	-8.0/-1.5	-8.4/-1.1
BUF	-1.61	0.6/1.3	0.7/0.9	0.8/-0.1	1.3/-0.5	1.6/-1.4	1.6/-1.6	1.2/-2.4	0.7/-2.1	-0.4/-1.7	-1.9/-1.3	-4.1/-0.9	-4.9/-0.5	-6.1/-0.1	-7.4/0.3	-7.8/0.7
BUR	-1.93	-0.3/-1.5	-0.3/-1.8	-0.0/-1.7	0.0/-2.1	-0.3/-1.4	-0.4/-2.0	-0.8/-1.5	-1.4/0.3	-1.9/0.6	-2.5/0.8	-4.0/1.1	-4.0/1.4	-3.9/1.6	-4.4/1.9	-4.7/2.2
BWI	-1.34	-0.2/-1.2	-0.2/-1.4	-0.2/-1.1	0.5/-1.6	1.3/-0.8	1.2/0.2	1.7/0.2	1.4/0.3	0.4/0.7	-1.6/1.0	-2.5/1.4	-3.8/1.7	-4.9/2.0	-6.5/2.4	-6.8/2.7
CAE	-0.31	-0.3/1.6	-0.2/1.4	-0.4/0.8	0.2/1.3	0.5/0.7	0.7/1.6	1.5/1.4	1.0/2.5	0.6/2.8	0.2/3.1	0.1/3.4	-1.2/3.7	-1.9/3.9	-2.8/4.2	-2.8/4.5
CHA	-1.91	-0.3/-0.2	-1.1/-0.4	-1.4/0.4	-0.9/0.3	-0.3/-0.2	-0.8/0.0	-0.9/-0.4	-0.8/-0.2	-1.3/0.2	-2.0/0.5	-2.7/0.9	-3.0/1.3	-3.8/1.6	-4.8/2.0	-4.8/2.4
CLE	-1.66	0.6/-0.8	0.4/-1.1	0.7/-2.1	0.7/-1.7	1.5/-2.7	2.5/-2.3	2.0/-3.2	1.6/-3.4	0.1/-3.0	-2.4/-2.6	-4.4/-2.2	-5.6/-1.8	-6.5/-1.4	-7.6/-1.0	-8.5/-0.6
CLT	-1.57	-0.9/-0.4	-1.7/-0.6	-1.7/-1.0	-0.5/0.2	-0.0/0.4	-0.4/0.4	0.8/0.6	0.4/1.3	-0.6/1.6	-1.6/1.9	-1.4/2.3	-2.9/2.6	-3.7/2.9	-4.7/3.2	-4.8/3.6
CMH	-2.46	-0.5/-0.9	-0.8/-0.4	-0.5/-1.2	-0.3/-2.5	0.4/-1.5	1.1/-2.0	0.9/-2.5	0.8/-1.3	-0.8/-0.8	-3.0/-0.4	-5.0/0.0	-5.9/0.4	-6.8/0.9	-7.9/1.3	-8.7/1.7
CON	-2.10	0.4/2.1	0.5/0.3	0.4/-0.4	0.8/-2.3	1.2/-2.5	0.8/-1.9	-0.4/-2.7	-0.7/-2.4	-1.6/-2.0	-3.3/-1.5	-4.0/-1.1	-5.1/-0.7	-5.7/-0.2	-7.0/0.2	-7.8/0.6
COS	-6.32	0.1/-1.2	0.0/-2.3	-0.5/-1.4	-2.0/-3.3	-2.8/-2.1	-2.7/-2.0	-4.0/-2.1	-4.8/-2.5	-6.7/-2.1	-10.6/-1.7	-11.4/-1.2	-11.7/-0.8	-12.4/-0.3	-12.3/0.1	-13.3/0.6
COU	-4.48	-0.1/-0.1	-0.4/-1.2	-0.3/-1.0	-1.1/-1.8	-1.4/-2.4	-2.0/-2.8	-1.7/-3.3	-2.5/-2.3	-4.8/-1.8	-6.3/-1.3	-7.7/-0.8	-8.8/-0.3	-9.3/0.2	-10.4/0.7	-10.5/1.2
CQT	-1.06	0.2/-1.5	0.2/-3.7	0.5/-3.4	0.8/-3.8	0.6/-2.6	0.2/-3.0	-0.5/-3.7	-1.2/-0.4	-1.7/-0.2	-2.3/0.0	-2.5/0.2	-2.4/0.4	-2.4/0.6	-2.7/0.8	-2.8/1.0
CRP	1.22	0.5/0.7	0.7/1.1	0.9/2.4	1.0/1.8	1.3/1.4	1.1/1.7	1.8/0.2	2.2/1.4	2.1/1.7	1.8/2.0	1.6/2.3	1.4/2.5	0.9/2.8	0.6/3.1	0.6/3.4
CRW	-2.36	0.4/-1.6	0.1/-1.5	-0.0/-1.3	-0.0/-1.4	0.5/-1.4	0.3/-2.1	-0.7/-1.4	-0.8/-2.2	-2.3/-1.8	-3.1/-1.5	-4.1/-1.1	-5.6/-0.8	-6.0/-0.4	-6.8/-0.1	-7.3/0.2
CVG	-1.81	0.4/0.5	0.2/0.5	-0.0/0.1	0.4/-1.2	1.2/-1.3	1.7/-1.6	1.6/-2.0	1.3/-0.2	-0.3/0.2	-2.6/0.6	-4.3/1.0	-5.3/1.4	-6.3/1.9	-7.3/2.3	-8.0/2.7
DAY	-1.94	-0.2/0.9	-0.4/0.0	-0.1/-0.4	0.2/-1.0	1.0/-1.3	1.8/-2.4	1.5/-2.7	1.5/-1.8	-0.1/-1.4	-2.6/-0.9	-4.4/-0.5	-5.4/-0.1	-6.3/0.4	-7.3/0.8	-8.2/1.3
DBQ	-3.61	-0.0/0.8	-0.2/0.8	-0.1/0.1	-0.3/-1.1	0.3/-1.9	-0.3/-1.7	-0.5/-2.2	-1.5/-3.2	-3.1/-2.6	-5.6/-2.0	-7.1/-1.5	-7.7/-0.9	-8.5/-0.3	-9.4/0.2	-10.0/0.8
DCA	-0.79	0.0/-1.0	-0.2/-2.1	0.0/-2.0	0.8/-2.1	1.5/-0.4	1.3/0.1	2.2/-0.6	2.2/0.3	0.9/0.6	-0.7/1.0	-1.7/1.3	-3.0/1.7	-4.1/2.0	-5.4/2.4	-5.7/2.7
DEC	-2.37	-0.1/-0.2	-0.7/-0.5	-0.3/0.2	-0.5/-0.5	0.5/-2.4	0.9/-1.5	1.7/-1.6	0.6/-0.4	-0.4/0.2	-3.4/0.7	-5.0/1.2	-5.8/1.7	-6.8/2.3	-7.9/2.8	-8.5/3.3
DEN	-6.16	-1.5/-2.4	-1.6/-2.2	-2.1/-3.5	-2.7/-3.8	-2.9/-3.4	-3.0/-2.9	-4.3/-3.4	-5.8/-1.9	-7.0/-1.5	-8.9/-1.0	-9.6/-0.5	-10.0/-0.0	-10.6/0.4	-10.8/0.9	-11.7/1.4
DFW	-3.10	0.2/-0.4	0.3/-0.3	-0.0/-0.3	0.0/-2.1	-0.9/-2.4	-0.8/-2.6	-0.3/-1.6	-1.0/-2.5	-2.6/-2.0	-5.1/-1.6	-6.1/-1.2	-6.7/-0.7	-7.0/-0.3	-8.1/0.1	-8.4/0.6
DLH	-4.90	-0.6/1.1	-0.7/0.4	-0.6/-1.9	-0.8/-1.8	-1.2/-2.2	-2.1/-3.2	-3.2/-5.4	-3.8/-6.0	-5.5/-5.4	-7.3/-4.8	-8.1/-4.2	-8.5/-3.6	-9.7/-3.0	-10.4/-2.4	-10.8/-1.8
DSM	-3.39	0.1/-0.8	-0.1/-1.1	0.1/-1.4	-0.4/-3.1	-0.4/-3.8	-1.0/-2.4	-1.3/-3.7	-1.7/-5.0	-2.8/-4.5	-5.4/-3.9	-6.4/-3.3	-6.7/-2.8	-7.6/-2.2	-8.3/-1.6	-9.1/-1.1
DTW	-0.25	0.5/0.7	0.7/0.1	1.2/-0.2	1.3/-1.4	1.6/-2.3	2.3/-1.6	2.0/-2.0	2.3/-1.8	1.2/-1.4	-0.6/-1.0	-1.8/-0.5	-2.5/-0.1	-3.3/0.4	-3.9/0.8	-4.7/1.2
ELP	-1.15	0.5/-0.7	0.1/-0.2	-0.2/0.6	-0.1/-0.5	-0.8/-1.6	-0.1/-1.7	-0.1/-2.0	-0.2/-0.7	-0.9/-0.3	-1.8/0.1	-2.1/0.5	-2.2/0.9	-2.6/1.3	-3.0/1.8	-3.6/2.2
ERI	-1.78	-0.0/0.4	0.0/-0.8	0.3/-0.9	0.6/-1.1	1.1/-1.7	1.4/-1.4	1.3/-2.2	1.3/-0.9	0.6/-0.5	-2.5/-0.2	-4.2/0.2	-5.1/0.6	-6.2/1.0	-7.4/1.4	-7.9/1.7
EUG	-0.82	0.3/-1.7	0.7/-1.7	0.9/-2.1	0.8/-3.8	0.4/-2.5	-0.3/-2.1	-0.3/-1.4	-0.6/1.3	-1.3/1.7	-1.7/2.0	-1.9/2.4	-1.8/2.8	-2.3/3.2	-2.7/3.6	-2.5/4.1
EVV	-3.60	0.0/-1.2	-0.6/-1.6	-0.8/-2.4	-0.7/-2.4	-0.8/-2.3	-1.0/-2.0	-1.3/-2.4	-1.8/-1.5	-3.4/-1.1	-4.7/-0.6	-6.3/-0.1	-7.0/0.3	-7.8/0.8	-8.7/1.3	-9.0/1.8
EWR	-1.47	0.1/-0.9	0.3/-0.7	0.3/-0.3	0.8/-2.8	1.0/-2.0	0.9/-1.0	1.3/-1.3	0.8/-1.5	0.1/-1.2	-1.6/-0.8	-2.7/-0.5	-4.0/-0.1	-5.0/0.3	-6.9/0.6	-7.4/1.0
FAR	-3.72	0.2/-0.1	-0.2/-1.8	-0.1/-2.1	-0.5/-2.8	-0.5/-4.3	-1.3/-4.8	-1.6/-5.9	-2.2/-7.9	-3.4/-7.2	-6.0/-6.5	-6.7/-5.8	-7.3/-5.0	-8.2/-4.3	-8.7/-3.6	-9.4/-2.9
FAT	1.56	0.6/-1.2	1.1/-1.0	1.1/-0.9	1.2/-0.4	1.2/0.3	1.4/0.9	1.8/0.6	1.1/0.2	0.4/0.7	1.3/1.2	2.2/1.7	2.6/2.2	2.5/2.7	2.6/3.2	2.2/3.7
FLG	-1.20	1.1/1.6	1.1/1.1	1.0/0.4	0.7/-0.2	0.2/-0.6	0.6/-1.8	0.2/-0.6	-0.8/-1.6	-2.1/-1.2	-3.1/-0.8	-2.8/-0.4	-2.4/0.0	-3.2/0.5	-4.0/0.9	-4.4/1.3
FMY	1.05	-0.3/0.1	-0.4/1.1	-0.0/0.5	-0.0/0.0	0.1/-0.0	0.3/0.1	0.1/-0.0	0.6/1.4	1.1/1.5	2.4/1.7	2.8/1.9	2.7/2.0	2.4/2.2	2.0/2.4	2.1/2.5
FSD	-5.45	0.0/0.2	-0.1/-0.1	-0.5/-1.1	-0.9/-1.3	-1.6/-3.3	-2.7/-3.7	-3.4/-4.3	-4.2/-6.6	-5.6/-5.9	-8.6/-5.3	-9.6/-4.6	-9.9/-4.0	-10.9/-3.3	-11.3/-2.7	-12.4/-2.0
FWA	-1.74	-0.5/-1.3	-0.5/-1.3	0.1/-1.2	0.6/-2.1	1.1/-2.7	2.0/-2.1	2.5/-2.5	2.2/-2.8	1.1/-2.4	-2.6/-1.9	-4.5/-1.4	-5.6/-0.9	-6.6/-0.4	-7.3/0.1	-8.3/0.5

GAD	-4.78	-1.2/-0.3	-3.3/-2.3	-6.1/-2.0	-5.8/-2.7	-5.6/-1.7	-4.9/-0.9	-3.7/-0.9	-2.1/1.0	-2.9/1.3	-4.1/1.7	-5.2/2.0	-5.6/2.3	-6.6/2.7	-7.6/3.0	-7.1/3.4
GEG	-2.37	-1.0/0.1	-1.2/-0.0	-1.2/-0.3	-1.6/-0.7	-2.1/-1.0	-2.6/-0.9	-2.6/1.1	-3.1/1.4	-3.4/2.0	-3.8/2.5	-3.1/3.1	-2.7/3.7	-2.7/4.3	-2.4/4.9	-2.3/5.5
GTF	-4.48	0.2/-1.8	0.3/-0.5	0.2/-0.0	-0.5/-1.2	-0.6/-2.8	-1.4/-3.3	-2.9/-2.3	-5.2/-5.3	-6.0/-4.8	-7.9/-4.3	-8.4/-3.8	-8.1/-3.2	-8.2/-2.7	-9.4/-2.1	-9.4/-1.6
HOU	0.05	-0.1/-0.2	0.1/0.7	0.3/0.7	0.6/-0.1	0.3/0.5	0.3/1.2	1.3/1.5	1.5/1.8	0.9/2.1	0.0/2.4	0.2/2.7	-0.4/3.1	-0.9/3.4	-1.6/3.7	-1.6/4.0
HSV	-1.62	-0.7/-1.9	-1.2/-1.6	-1.0/-0.6	-0.4/-1.2	-0.1/-0.9	-0.2/-1.7	-0.4/-1.2	0.2/-1.2	-0.5/-0.9	-1.8/-0.5	-2.6/-0.1	-2.8/0.2	-3.6/0.6	-4.7/1.0	-4.6/1.3
IAH	-1.10	-0.1/-1.3	0.2/-1.0	0.1/-0.2	0.3/-1.5	0.1/-2.0	-0.2/-1.4	0.7/-0.7	0.5/0.8	0.2/1.1	-1.8/1.4	-2.1/1.8	-2.9/2.1	-3.4/2.5	-4.1/2.8	-4.1/3.2
ICT	-4.05	-0.4/-1.0	0.2/-1.9	0.1/-2.6	-0.5/-2.6	-0.9/-3.8	-0.9/-2.8	-1.3/-3.1	-2.0/-2.8	-3.4/-2.3	-6.6/-1.7	-7.8/-1.2	-8.2/-0.7	-9.2/-0.1	-9.7/0.4	-10.4/0.9
ILG	-1.11	-0.3/-0.1	-0.0/-0.3	0.2/-0.3	0.8/-1.8	1.6/-1.1	1.5/0.1	2.3/0.4	1.4/-0.1	1.0/0.2	-1.4/0.6	-2.3/0.9	-3.7/1.3	-4.8/1.6	-6.3/2.0	-6.6/2.3
IND	-1.92	-0.0/0.1	-0.3/0.1	-0.0/0.2	0.3/-1.0	0.9/-1.3	1.5/-1.5	2.0/-1.1	1.5/-0.8	0.1/-0.3	-2.9/0.2	-4.6/0.6	-5.3/1.1	-6.5/1.5	-7.3/2.0	-8.0/2.5
IPT	-2.16	-0.1/-1.8	-0.0/-2.2	0.1/-2.9	0.6/-5.0	1.3/-4.3	0.8/-3.0	1.1/-5.3	0.8/-4.8	-0.1/-4.4	-3.3/-4.0	-4.4/-3.6	-5.5/-3.1	-6.6/-2.7	-8.4/-2.3	-8.6/-1.9
JAN	-0.60	0.3/-0.7	0.2/-0.5	0.0/0.1	0.2/0.8	0.3/0.3	-0.0/1.2	0.6/1.3	0.9/1.3	0.5/1.7	-0.8/2.0	-1.2/2.4	-1.6/2.7	-2.0/3.0	-3.3/3.4	-3.2/3.7
JAX	0.38	-0.5/-0.7	-0.5/0.1	-0.3/0.7	0.1/0.0	-0.1/0.2	0.3/-0.1	0.6/0.6	0.7/0.5	1.4/0.7	1.5/0.9	1.5/1.1	1.0/1.3	0.6/1.5	-0.3/1.7	-0.2/2.0
JFK	-1.10	0.2/-0.6	0.4/0.0	0.2/-0.8	0.7/-1.6	0.9/-1.7	0.8/-1.9	0.8/-2.1	0.4/-1.0	0.0/-0.7	-1.4/-0.4	-2.1/-0.0	-3.0/0.3	-3.9/0.6	-5.3/1.0	-5.3/1.3
LAN	-1.22	0.4/0.5	0.3/0.2	0.6/0.0	0.6/-1.1	1.0/-1.7	1.7/-1.1	1.7/-1.5	1.2/-2.7	0.2/-2.3	-2.2/-1.8	-3.3/-1.4	-4.1/-0.9	-4.8/-0.4	-5.4/0.0	-6.2/0.5
LAS	-1.58	-0.1/1.2	-0.2/0.9	-0.1/0.7	-0.5/-0.9	-0.7/-1.2	-0.7/-0.9	-0.9/-0.8	-1.5/-0.7	-1.9/-0.3	-3.0/0.2	-2.5/0.7	-2.3/1.2	-2.8/1.7	-3.0/2.2	-3.6/2.7
LAX	-1.89	-0.6/-1.4	-0.7/-3.2	-0.7/-3.3	-0.9/-3.1	-0.8/-2.0	-1.1/-2.9	-1.6/-2.3	-1.7/0.8	-2.2/0.9	-2.6/1.1	-3.0/1.2	-3.0/1.3	-3.0/1.5	-3.4/1.6	-3.4/1.7
LEX	-2.60	0.2/0.7	0.1/0.1	-0.3/0.5	-0.3/-0.7	0.1/0.0	-0.2/-0.7	-1.1/-0.9	-1.5/-0.2	-2.5/0.2	-3.6/0.6	-4.4/1.0	-5.4/1.4	-5.9/1.8	-6.8/2.3	-7.3/2.7
LFK	-1.85	0.2/-0.6	0.2/0.1	0.1/0.0	0.1/-1.8	-0.5/-2.1	-1.2/-1.3	-0.8/-1.5	-1.1/0.1	-1.8/0.5	-2.9/0.8	-3.2/1.2	-3.4/1.6	-4.0/1.9	-4.8/2.3	-4.6/2.7
LGA	-1.48	0.0/0.0	0.4/-0.4	0.2/1.1	0.7/-1.1	1.0/-1.5	0.9/-1.3	1.2/-1.2	0.8/-0.9	0.2/-0.5	-1.6/-0.1	-2.8/0.2	-4.0/0.6	-5.0/0.9	-6.9/1.3	-7.3/1.6
LGB	-2.27	-0.2/-2.9	-0.0/-3.6	0.3/-3.2	-0.2/-3.6	-0.6/-3.2	-0.6/-3.0	-1.2/-3.4	-1.7/0.7	-2.0/0.9	-3.3/1.1	-4.6/1.3	-4.8/1.5	-4.8/1.6	-5.1/1.8	-5.3/2.0
LIT	-3.59	0.1/-2.6	-0.1/-2.7	-0.5/-2.3	-0.7/-4.2	-1.2/-3.1	-1.2/-3.3	-1.2/-2.8	-2.0/-2.0	-2.8/-1.6	-5.2/-1.1	-6.3/-0.7	-7.1/-0.3	-7.8/0.2	-8.7/0.6	-9.0/1.1
LNS	-1.77	-0.1/-1.3	-0.0/-1.5	-0.1/-2.2	0.3/-2.6	0.8/-1.3	1.0/-0.8	1.5/-1.9	0.9/-7.5	0.2/-7.1	-2.2/-6.6	-3.2/-6.2	-4.6/-5.7	-5.6/-5.2	-7.5/-4.8	-7.8/-4.3
MAF	-2.08	0.4/-2.6	0.1/-0.2	-0.4/-1.3	-0.7/-4.8	-1.1/-2.5	-0.8/-3.8	-0.5/-4.5	-1.1/-2.4	-1.8/-2.0	-2.8/-1.6	-3.9/-1.3	-3.8/-0.9	-4.7/-0.5	-5.1/-0.1	-5.2/0.3
MBA	-1.82	0.1/1.2	0.5/1.3	0.8/-0.1	1.3/-2.0	1.7/-3.0	1.3/-1.6	1.0/-2.4	0.3/-0.8	-0.5/-0.4	-2.7/-0.1	-4.0/0.3	-5.0/0.7	-6.1/1.0	-7.7/1.4	-8.3/1.8
MCI	-4.79	-0.7/-1.4	-0.8/-2.1	-0.4/-3.0	-1.2/-3.5	-2.0/-2.4	-2.4/-2.4	-2.6/-3.8	-3.5/-3.6	-5.0/-3.1	-7.0/-2.6	-7.9/-2.0	-8.3/-1.5	-9.3/-1.0	-9.9/-0.4	-10.7/0.1
MCN	-0.79	-0.6/1.1	-0.7/1.7	-0.9/2.9	-0.7/2.1	-0.1/2.1	-0.3/2.0	0.2/1.8	0.5/2.0	0.6/2.3	-0.4/2.6	-0.4/2.9	-1.2/3.2	-2.1/3.5	-2.9/3.8	-2.8/4.1
MCO	1.36	0.1/-0.3	0.1/0.2	0.4/0.0	0.6/0.2	0.6/0.3	0.8/0.3	0.5/0.5	1.1/1.6	1.7/1.8	2.6/2.0	3.1/2.2	2.8/2.4	2.4/2.6	1.7/2.8	1.8/3.0
MDT	-1.67	-0.1/-0.3	-0.0/-0.9	0.1/-1.7	0.7/-1.9	1.5/-1.7	1.2/-0.4	0.9/-1.2	0.3/-1.3	-0.9/-1.0	-2.4/-0.6	-3.0/-0.2	-4.4/0.2	-5.5/0.6	-6.6/1.0	-6.8/1.3
MEM	-1.92	0.6/-0.7	0.6/-0.6	0.3/0.1	0.4/-0.4	0.4/-0.9	0.7/-0.4	0.8/-1.4	0.4/-0.1	-0.2/0.4	-3.1/0.8	-4.4/1.2	-5.1/1.7	-6.1/2.1	-6.8/2.5	-7.3/3.0
MHT	-1.81	0.2/1.8	0.4/1.2	0.6/0.3	0.9/-2.3	1.3/-2.6	1.0/-1.7	0.4/-2.7	-0.3/-1.1	-1.1/-0.8	-2.8/-0.4	-3.5/0.0	-4.7/0.4	-5.4/0.7	-6.7/1.1	-7.4/1.5
MIA	0.72	0.1/-0.5	0.1/-0.3	0.3/-0.3	0.4/-0.6	0.5/-0.5	0.4/-0.6	0.3/-0.9	0.6/-0.7	0.7/-0.6	1.3/-0.4	1.5/-0.3	1.2/-0.1	1.3/0.0	1.0/0.1	1.0/0.3
MKE	-2.19	-0.1/-0.7	-0.1/-1.6	-0.2/-0.9	-0.1/-0.2	0.1/-2.2	0.3/-1.8	0.4/-3.7	-0.1/-2.8	-0.4/-2.3	-3.8/-1.8	-4.6/-1.3	-5.0/-0.9	-5.6/-0.4	-6.5/0.1	-7.2/0.6
MOB	-0.11	-0.5/0.6	-0.5/1.0	-0.6/1.2	-0.5/1.6	-0.4/2.1	-0.6/2.6	-0.6/2.7	0.1/3.1	0.2/3.4	0.8/3.7	0.5/3.9	0.7/4.2	0.2/4.5	-0.4/4.8	0.0/5.1
MSP	-4.61	0.1/1.7	-0.3/-1.4	-0.6/-0.2	-1.0/-3.2	-1.2/-3.6	-1.9/-4.0	-2.5/-4.9	-3.3/-6.7	-4.5/-6.1	-7.2/-5.5	-8.2/-4.9	-8.4/-4.3	-9.4/-3.6	-9.9/-3.0	-10.8/-2.4
MSY	0.63	-0.2/0.8	-0.1/0.7	-0.1/1.6	0.0/2.1	-0.0/1.5	0.1/2.9	0.4/3.5	1.3/3.0	1.5/3.3	1.9/3.6	1.7/3.9	1.5/4.2	1.1/4.5	0.2/4.8	0.2/5.1
MWL	-3.26	0.8/0.9	0.9/2.0	0.8/-0.2	0.6/-1.6	-0.2/-0.9	-1.0/-2.6	-1.1/-2.9	-2.0/-0.4	-3.9/0.1	-5.3/0.5	-6.8/0.9	-7.2/1.3	-7.6/1.8	-8.3/2.2	-8.6/2.6
NKX	0.98	0.6/-3.7	0.4/-3.6	-0.1/-3.6	0.3/-2.8	0.8/-3.1	1.0/-3.0	1.1/-2.3	1.0/0.0	0.8/0.0	1.3/0.0	1.4/0.0	1.3/0.0	1.7/0.0	1.3/0.0	1.6/0.0
NTU	-0.25	-0.2/-1.0	-0.1/-1.1	-0.0/-0.9	0.6/-0.4	1.2/-0.3	1.6/0.1	2.4/0.5	1.8/2.7	1.9/2.9	-0.5/3.2	-0.4/3.5	-1.9/3.7	-2.5/4.0	-3.8/4.3	-3.9/4.6
OAK	0.83	0.2/0.3	0.4/0.2	0.3/0.0	0.5/0.7	0.5/0.5	0.6/0.4	0.9/0.2	1.1/2.3	1.3/2.6	1.1/2.9	1.3/3.2	1.3/3.4	1.0/3.7	1.2/4.0	0.8/4.3
OKC	-3.87	0.1/-1.6	0.1/-1.2	-0.1/-1.3	0.1/-2.7	-0.6/-3.5	-0.5/-3.6	-0.6/-3.4	-1.8/-2.3	-3.3/-1.9	-6.5/-1.4	-7.7/-0.9	-8.2/-0.4	-9.0/0.0	-9.8/0.5	-10.2/1.0
OMA	-4.52	-0.2/0.8	-0.6/0.8	-0.2/-1.8	-1.2/-2.1	-1.5/-3.2	-2.0/-2.2	-2.5/-3.4	-3.0/-4.5	-4.4/-4.0	-6.9/-3.4	-7.8/-2.8	-8.2/-2.2	-9.1/-1.6	-9.7/-1.0	-10.6/-0.4
ORD	-2.67	-0.4/0.4	-0.6/-0.6	-0.5/-0.4	-1.0/-1.0	-0.1/-1.0	0.0/-1.5	0.3/-2.6	-0.2/-2.5	-0.7/-2.0	-3.9/-1.5	-5.0/-1.0	-5.7/-0.5	-6.5/0.0	-7.5/0.5	-8.3/1.0
ORH	-1.58	0.2/1.8	0.5/0.5	0.7/-0.9	1.0/-2.0	1.3/-3.0	1.3/-1.4	0.8/-2.6	0.0/-1.0	-0.7/-0.6	-2.4/-0.3	-3.2/0.1	-4.2/0.5	-5.2/0.9	-6.6/1.2	-7.1/1.6
PDT	-2.33	0.2/-3.4	-0.1/-3.5	-0.6/-4.1	-1.5/-3.7	-1.6/-3.5	-1.6/-3.3	-1.8/-1.1	-2.1/0.2	-2.6/0.7	-4.2/1.2	-3.7/1.7	-3.7/2.2	-4.0/2.7	-3.6/3.2	-4.0/3.7
PDX	-0.80	-0.1/-3.1	-0.2/-3.3	-0.2/-3.9	-0.6/-3.9	-0.4/-3.0	-1.4/-1.9	-1.0/-2.9	-0.7/0.1	-1.2/0.4	-1.2/0.8	-1.1/1.1	-0.8/1.5	-0.9/1.9	-1.1/2.2	-1.1/2.6
PHL	-0.66	0.1/1.2	0.3/0.4	0.4/0.2	1.1/-0.6	1.5/-0.3	1.5/-0.3	2.1/0.1	1.4/-0.5	1.3/-0.2	-0.6/0.2	-1.6/0.5	-2.8/0.9	-3.8/1.2	-5.3/1.6	-5.7/2.0
PHX	-1.70	-0.5/-0.7	-0.5/-1.1	-0.4/-0.4	-1.0/-0.8	-1.4/-2.2	-1.3/-2.0	-1.4/-1.9	-1.6/-4.0	-2.2/-3.6	-2.8/-3.2	-2.4/-2.7	-1.8/-2.3	-2.4/-1.9	-2.8/-1.4	-3.2/-1.0
PIR	-6.10	0.4/-0.2	0.2/0.0	-0.3/0.2	-0.5/-0.7	-1.7/-2.0	-2.3/-2.2	-4.0/-2.5	-5.8/-6.9	-7.7/-6.2	-10.3/-5.6	-11.2/-5.0	-11.4/-4.3	-11.4/-3.7	-12.3/-3.0	-13.2/-2.4
PIT	-2.10	0.3/-0.5	0.2/-0.8	0.2/-1.8	0.4/-2.4	1.5/-2.7	1.4/-1.4	0.9/-3.1	0.7/-2.3	-0.9/-2.0	-2.8/-1.6	-4.8/-1.2	-5.6/-0.8	-6.8/-0.4	-7.9/-0.0	-8.5/0.4
PVD	-2.32	-0.3/1.3	0.0/-1.0	0.2/-1.5	0.9/-2.5	1.1/-2.5	0.9/-2.2	0.9/-2.3	0.1/-1.4	-0.6/-1.1	-3.0/-0.8	-4.5/-0.4	-5.7/-0.1	-6.9/0.2	-8.7/0.6	-9.2/0.9
PWM	-2.23	0.1/-0.7	0.2/0.4	0.1/-1.1	0.5/-2.9	0.5/-2.3	0.4/-2.6	-0.4/-3.1	-0.9/-2.4	-1.7/-2.0	-3.2/-1.7	-4.0/-1.3	-5.0/-1.0	-5.6/-0.6	-6.9/-0.3	-7.6/0.1
RAL	-2.81	-0.9/-2.1	-1.1/-3.4	-1.2/-3.4	-1.4/-2.5	-1.7/-2.8	-2.0/-3.9	-2.0/-4.3	-2.9/-2.6	-3.4/-2.3	-3.6/-2.0	-3.9/-1.8	-4.0/-1.5	-4.4/-1.2	-4.7/-0.9	-5.0/-0.6
RAP	-7.06	-0.1/1.0	-0.2/-1.2	-0.4/-1.6	-0.7/-0.4	-1.7/-4.8	-2.5/-1.3	-5.0/-2.0	-7.6/-7.4	-9.3/-6.9	-11.9/-6.3	-12.6/-5.8	-13.0/-5.2	-13.0/-4.6	-13.5/-4.1	-14.4/-3.5
RBL	-0.16	-0.4/-0.6	-0.3/-0.9	-0.1/-1.1	0.2/-1.0	0.3/-1.7	-0.0/-1.2	0.2/-1.3	-0.3/2.0	-0.1/2.5	-0.1/3.1	-0.2/3.6	-0.3/4.1	-0.3/4.7	-0.1/5.2	-0.9/5.7
RDD	-0.76	-0.0/0.6	0.1/-0.3	-0.1/-0.7	0.0/-0.3	0.2/-0.4	-0.4/0.1	-0.7/0.4	-1.5/2.0	-1.4/2.5	-1.7/3.0	-1.2/3.5	-1.4/4.1	-1.0/4.6	-0.8/5.2	-1.5/5.7
RDU	-0.72	-0.2/-0.3	-0.9/-0.5	-1.0/-0.4	-0.1/0.7	0.2/0.9	0.6/1.3	1.8/1.9	1.4/1.5	0.5/1.8	-0.5/2.1	-0.3/2.4	-1.9/2.7	-2.9/3.1	-3.7/3.4	-3.9/3.7
RIC	-0.93	-0.7/-1.4	-0.6/-2.0	-0.7/-2.0	-0.1/-1.1	0.8/-0.7	0.9/-0.6	1.8/-0.1	1.1/-0.2	0.6/0.1	-0.9/0.4	-1.1/0.7	-2.6/1.0	-3.3/1.3	-4.6/1.6	-4.7/1.9
RNO	-1.37	-0.3/-2.8	-0.3/-2.9	-0.2/-2.2	-0.2/-3.7	0.2/-3.6	-0.0/-0.6	-0.3/-3.0	-0.9/0.6	-1.9/1.1	-2.8/1.6	-2.6/2.1	-2.7/2.6	-2.7/3.0	-2.8/3.5	-3.0/4.0

ROA	-1.35	-0.3/-1.4	-0.9/-1.9	-0.6/-2.8	0.0/-1.5	0.4/-0.6	-0.1/-1.0	1.1/-0.6	1.3/-0.2	0.4/0.2	-1.1/0.5	-1.6/0.9	-3.3/1.3	-4.3/1.6	-5.4/2.0	-5.9/2.3
ROC	-0.82	0.7/1.4	0.8/0.9	0.9/1.0	1.3/-0.6	1.7/-1.0	1.8/-0.2	1.8/-1.5	1.6/-1.2	0.6/-0.8	-1.1/-0.4	-2.7/-0.0	-3.4/0.4	-4.4/0.8	-5.8/1.2	-6.1/1.6
SAC	0.17	-0.1/-1.9	0.2/-1.0	0.4/-0.8	0.7/-0.6	0.8/-0.5	0.8/-0.1	0.6/-0.9	0.0/1.8	-0.0/2.3	-0.4/2.8	0.3/3.3	-0.1/3.8	-0.2/4.3	-0.0/4.8	-0.5/5.3
SAN	-1.46	-0.5/-1.5	-0.5/-1.7	-0.4/-1.4	-0.4/-1.7	-0.4/-1.0	-0.6/-1.7	-0.7/-1.1	-1.0/1.4	-1.3/1.6	-1.8/1.7	-2.7/1.8	-2.8/2.0	-2.7/2.1	-3.0/2.3	-3.0/2.4
SAT	-0.37	0.2/2.2	0.6/2.2	0.7/2.5	0.3/-0.1	0.4/1.0	0.4/0.9	1.0/0.6	1.3/1.6	0.7/1.9	-0.6/2.3	-1.0/2.6	-1.9/3.0	-2.1/3.4	-2.9/3.7	-2.8/4.1
SAV	0.18	-0.8/1.1	-0.6/0.5	-0.4/1.4	-0.1/1.2	0.5/1.4	0.9/0.9	1.5/1.4	1.4/2.6	2.0/2.8	0.7/3.1	1.0/3.3	0.0/3.6	-0.4/3.8	-1.5/4.0	-1.5/4.3
SDF	-3.09	-0.3/-0.5	-0.5/-0.4	-0.7/-0.7	-0.5/-1.8	-0.2/-1.7	-0.4/-1.7	-0.9/-1.9	-1.3/-1.9	-2.9/-1.5	-4.2/-1.0	-5.5/-0.6	-6.3/-0.2	-6.8/0.2	-7.8/0.6	-8.0/1.0
SEA	-2.63	-1.2/-1.6	-1.3/-2.3	-1.5/-2.0	-2.1/-2.4	-2.1/-2.6	-2.5/-1.9	-2.5/-2.0	-2.7/0.3	-3.2/0.6	-3.9/0.8	-3.6/1.1	-3.5/1.4	-3.0/1.7	-3.3/2.0	-3.2/2.3
SFO	0.81	0.8/-1.5	1.1/-1.8	1.0/-1.3	1.3/-1.2	1.2/-0.9	1.2/-1.2	1.4/-0.8	1.2/-0.7	1.3/-0.5	0.1/-0.2	0.8/0.1	0.6/0.4	0.2/0.6	0.1/0.9	-0.1/1.2
SJC	1.27	0.5/-0.5	0.9/-0.8	1.0/-0.5	1.6/0.2	2.1/0.1	1.7/-0.0	2.1/0.7	2.0/1.5	2.2/1.8	1.4/2.2	0.7/2.5	0.8/2.9	0.7/3.3	0.7/3.6	0.6/4.0
SJT	-2.03	0.6/-2.1	0.5/-1.2	0.4/-3.0	0.1/-3.6	-0.4/-4.1	-1.1/-5.3	-0.6/-5.6	-1.3/-4.4	-1.9/-4.1	-2.9/-3.7	-3.9/-3.3	-4.2/-3.0	-4.9/-2.6	-5.4/-2.2	-5.5/-1.8
SLC	-1.22	0.9/-3.2	0.8/-1.9	0.8/-3.4	0.3/-1.2	0.3/-1.5	0.2/-1.3	-0.9/-1.6	-0.8/0.1	-1.8/0.6	-2.7/1.1	-3.0/1.6	-3.2/2.1	-2.8/2.6	-3.3/3.2	-3.4/3.7
SSI	0.90	-0.1/0.7	0.1/1.1	0.4/1.7	0.4/1.7	0.6/1.7	0.7/1.4	1.0/1.4	1.0/1.9	1.4/2.1	2.0/2.3	2.3/2.6	1.7/2.8	1.3/3.0	0.4/3.3	0.3/3.5
STL	-3.56	-0.6/-0.6	-0.7/-0.5	-0.5/-0.7	-1.0/-1.5	-0.7/-2.3	-0.2/-2.7	0.3/-2.7	-1.6/-3.3	-2.3/-2.8	-4.9/-2.3	-6.6/-1.8	-7.4/-1.3	-8.1/-0.8	-9.2/-0.4	-9.7/0.1
SYR	-1.69	0.4/1.8	0.6/0.8	0.5/0.2	1.1/-2.1	1.6/-2.6	1.3/-2.7	0.7/-3.9	0.2/-2.8	-0.9/-2.4	-2.4/-2.0	-3.6/-1.6	-4.4/-1.2	-5.8/-0.8	-7.1/-0.3	-7.2/0.1
TLH	0.95	-0.2/0.6	-0.3/1.0	0.1/1.5	-0.1/2.6	0.0/1.8	0.5/2.2	0.8/2.0	1.5/3.0	2.0/3.3	2.2/3.6	2.4/3.9	2.0/4.1	1.4/4.4	0.8/4.7	1.3/5.0
TPA	1.23	0.3/0.8	0.1/0.9	0.1/1.6	0.3/1.3	0.5/2.0	0.8/2.5	0.6/1.9	1.2/2.1	1.6/2.4	2.1/2.6	2.7/2.8	2.4/3.0	2.3/3.2	1.6/3.4	1.9/3.6
TRM	-0.01	-0.0/-0.6	-0.1/-1.3	0.1/-1.9	-0.0/-1.0	-0.1/-1.5	0.4/-0.5	0.7/-0.6	0.3/1.1	0.2/1.5	0.0/1.9	-0.5/2.3	-0.4/2.7	-0.1/3.1	-0.1/3.5	-0.7/3.9
TUL	-4.41	-0.3/-0.6	-0.1/-1.4	-0.0/-1.4	-0.4/-3.8	-1.0/-2.9	-1.2/-3.4	-1.7/-3.2	-2.5/-2.5	-3.8/-2.0	-7.1/-1.5	-8.1/-1.0	-8.9/-0.6	-9.7/-0.1	-10.4/0.4	-11.0/0.9
TUS	-1.06	-0.2/-1.6	-0.2/-2.0	-0.6/-2.6	-0.4/-2.0	-0.5/-3.4	-0.2/-3.6	-0.4/-3.1	-0.9/-4.0	-1.1/-3.6	-1.5/-3.2	-1.5/-2.8	-1.3/-2.5	-1.7/-2.1	-2.4/-1.7	-2.9/-1.3
TYR	-2.87	0.5/-0.5	0.5/-1.2	0.2/-0.2	-0.0/-2.0	-0.6/-2.1	-1.4/-2.8	-1.5/-1.8	-2.0/-1.2	-3.2/-0.8	-4.6/-0.4	-5.2/0.0	-5.3/0.4	-6.2/0.8	-7.1/1.2	-7.0/1.6
TYS	-1.46	0.1/0.2	-0.3/-0.9	-0.7/-0.1	-0.6/0.3	-0.0/0.3	0.0/1.0	0.1/-0.3	-0.3/-0.3	-0.5/0.0	-1.3/0.4	-2.1/0.7	-3.0/1.1	-3.6/1.4	-4.8/1.8	-5.0/2.2
VCT	0.00	0.5/0.6	0.6/0.8	0.7/0.9	0.7/-0.1	0.8/-0.1	0.3/0.4	0.7/-0.5	0.8/0.6	0.5/0.9	0.1/1.2	-0.2/1.6	-0.7/1.9	-1.4/2.3	-1.8/2.6	-1.6/3.0
WJF	0.61	-0.0/-1.8	0.1/0.9	0.1/0.0	0.3/-0.7	0.9/-1.0	1.4/-1.0	1.4/-1.9	0.5/-1.8	0.1/-1.4	0.5/-1.0	0.7/-0.6	1.0/-0.2	0.9/0.2	0.9/0.7	0.4/1.1
YKM	-0.77	1.0/-1.0	1.1/-2.4	1.2/-2.8	0.5/-2.9	-0.2/-2.4	-0.1/-2.5	0.1/-2.5	-0.8/1.4	-1.1/2.0	-2.3/2.5	-1.9/3.1	-2.0/3.6	-2.5/4.2	-2.4/4.7	-2.3/5.3
YNG	-2.13	0.0/-0.9	0.0/-1.0	0.2/-1.9	0.4/-2.2	0.9/-3.1	0.9/-2.3	0.7/-3.5	-0.0/-3.4	-1.2/-3.0	-2.7/-2.6	-4.5/-2.2	-5.2/-1.8	-6.3/-1.4	-7.5/-1.0	-7.8/-0.6
YQB	-2.93	0.3/0.0	0.3/0.0	0.2/0.0	-0.0/0.0	-0.5/0.0	-0.5/0.0	-1.4/0.0	-2.4/-3.9	-2.6/-3.4	-3.6/-2.9	-4.8/-2.5	-5.8/-2.0	-6.6/-1.5	-7.8/-1.0	-8.6/-0.6
YUL	-1.94	-0.0/0.0	-0.0/0.0	0.2/0.0	0.5/0.0	0.8/0.0	0.8/0.0	0.2/0.0	-0.1/-2.6	-1.4/-2.2	-2.8/-1.7	-3.7/-1.3	-4.6/-0.8	-5.4/-0.4	-6.5/0.1	-7.1/0.5
YVR	-1.00	-0.6/0.0	-0.7/0.0	-0.5/0.0	-0.7/0.0	-0.9/0.0	-1.2/0.0	-1.3/0.0	-1.3/0.5	-1.4/0.8	-1.1/1.0	-1.2/1.3	-1.2/1.6	-1.1/1.8	-0.9/2.1	-0.7/2.3
YXD	-2.93	-0.2/0.0	-0.3/0.0	-0.4/0.0	-0.4/0.0	-0.5/0.0	-1.4/0.0	-2.5/0.0	-2.9/-6.7	-3.3/-6.0	-4.7/-5.4	-5.0/-4.7	-5.5/-4.0	-5.7/-3.4	-5.4/-2.7	-5.8/-2.0
YYC	-6.98	-1.7/0.0	-2.2/0.0	-3.0/0.0	-4.0/0.0	-4.1/0.0	-4.8/0.0	-6.2/0.0	-7.3/-5.7	-8.5/-5.2	-9.7/-4.7	-10.6/-4.1	-10.7/-3.6	-10.7/-3.0	-10.5/-2.5	-10.6/-1.9
YYZ	-0.62	0.5/0.0	0.7/0.0	0.8/0.0	1.1/0.0	1.6/0.0	1.8/0.0	1.7/0.0	1.5/-2.8	0.1/-2.4	-0.9/-2.0	-2.3/-1.6	-2.9/-1.2	-3.6/-0.8	-4.6/-0.4	-4.9/0.1

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

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

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

avg_bias: average of ECMWF-value

ECMWF/MEX MIN Temperature in ALL

MAE (2009-11-01~2009-11-30)

	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	0.16	3.2/0.0	3.2/4.3	3.7/4.6	3.7/4.7	4.3/5.0	4.7/5.8	5.3/6.5	5.2/6.8	5.1/6.8	5.1/6.9	5.4/6.8	6.0/6.7	7.1/6.8	7.9/6.9	7.4/--
ABI	0.16	2.0/0.0	2.2/3.6	2.1/5.3	2.4/4.7	3.5/4.2	4.9/5.9	5.6/5.9	5.4/6.2	5.5/6.1	6.0/6.2	6.1/6.1	6.3/6.2	6.7/6.3	6.5/6.4	6.2/--
ABQ	-0.29	2.5/0.0	2.6/1.9	2.9/2.0	3.4/2.5	3.8/2.6	3.7/3.0	4.2/3.4	5.4/4.7	5.8/4.6	5.7/4.6	6.0/4.6	5.8/4.6	5.6/4.6	5.4/4.5	5.3/--
ABY	0.01	2.8/0.0	2.7/3.1	2.9/2.7	3.2/4.3	3.6/5.9	4.7/5.4	5.3/6.5	6.3/5.7	6.3/5.9	7.3/5.9	7.6/6.0	7.2/6.1	6.6/6.3	6.3/6.4	6.1/--
ACT	0.21	3.3/0.0	3.1/4.4	3.0/4.8	3.3/4.6	3.8/5.1	4.2/4.7	4.6/6.3	4.6/6.7	5.4/6.8	5.9/6.9	6.2/6.9	6.1/7.0	6.3/7.2	6.3/7.3	6.4/--
ACY	0.13	3.2/0.0	2.6/3.2	2.9/3.6	3.6/3.4	4.0/4.7	4.5/5.3	4.7/6.3	5.1/7.4	5.1/7.3	5.3/7.2	5.7/7.1	6.7/6.9	7.3/6.9	8.1/6.8	7.8/--
ALB	0.02	4.1/0.0	3.7/3.7	3.4/3.5	3.9/3.7	4.1/3.3	4.4/4.8	4.6/5.4	5.6/5.9	5.7/5.9	6.0/5.9	5.8/5.8	5.3/5.7	5.4/5.8	5.8/5.9	5.9/--
ALW	0.05	2.4/0.0	2.4/3.1	2.6/3.1	2.7/3.3	2.7/3.6	3.3/4.1	3.3/3.9	3.8/3.7	4.1/3.7	4.4/3.9	4.3/4.0	4.4/4.1	4.7/4.1	4.1/4.2	4.0/--
AOO	0.01	2.5/0.0	2.5/3.4	3.3/3.2	3.9/3.3	4.3/4.4	4.3/4.2	4.5/4.8	4.7/5.5	4.6/5.4	5.1/5.4	4.9/5.4	5.7/5.3	6.2/5.3	6.4/5.3	6.2/--
APN	-0.05	4.1/0.0	3.9/4.2	4.2/4.3	4.9/4.0	5.4/4.3	6.0/5.4	6.8/5.6	7.8/6.5	7.6/6.3	5.8/6.4	5.7/6.4	5.6/6.4	5.7/6.3	6.2/6.3	6.3/--
ATL	0.10	1.9/0.0	2.2/2.4	2.5/3.0	3.2/4.0	4.0/4.6	4.0/4.3	4.4/4.0	4.1/4.0	3.7/4.2	4.0/4.3	4.2/4.4	4.1/4.5	4.1/4.7	3.3/4.8	3.2/--
AUG	0.24	2.3/0.0	2.4/3.6	2.5/3.9	2.8/4.0	3.1/3.8	3.5/3.8	3.5/4.7	4.2/5.5	4.0/5.5	4.6/5.4	4.0/5.4	3.9/5.5	4.1/5.5	4.8/5.5	5.5/--
AUS	0.31	3.5/0.0	3.0/3.7	3.3/4.3	3.7/5.3	3.7/6.0	3.4/6.0	4.4/5.8	5.7/9.1	6.0/9.2	7.1/9.4	6.9/9.7	6.7/9.8	6.3/9.9	6.6/10.2	6.5/--
AVP	0.11	2.4/0.0	2.5/3.5	2.6/3.2	3.1/3.6	3.6/4.2	3.5/4.4	3.9/4.7	4.3/5.3	4.5/5.2	4.7/5.3	4.7/5.3	5.1/5.2	5.6/5.2	6.1/5.3	5.9/--
BDL	0.08	2.7/0.0	2.8/3.5	3.2/3.7	4.2/4.1	4.5/4.6	4.7/5.2	4.9/6.3	6.1/6.9	5.2/6.8	5.7/6.8	5.6/6.8	6.4/6.7	7.5/6.7	8.2/6.7	8.2/--
BFL	0.09	2.4/0.0	2.9/2.0	2.9/3.0	3.1/2.6	3.2/2.6	3.1/2.8	2.9/3.5	2.7/3.5	2.8/3.6	3.1/4.0	3.0/4.1	3.1/4.4	3.4/4.7	2.9/5.0	3.1/--
BGM	0.01	1.8/0.0	2.1/2.4	2.4/2.4	2.8/2.6	3.3/2.4	2.9/2.6	3.7/3.7	3.7/5.0	4.3/4.9	4.9/4.8	4.6/4.8	4.2/4.7	4.5/4.7	4.9/4.8	5.2/--
BHM	0.18	2.1/0.0	2.3/2.7	2.1/3.8	2.7/3.4	3.8/5.1	4.3/6.2	4.9/7.1	4.9/5.6	5.4/5.7	5.3/5.7	6.1/5.9	5.5/6.1	5.4/6.2	4.6/6.2	4.7/--
BIS	-0.12	3.1/0.0	3.1/4.1	3.3/4.1	3.7/4.6	4.0/4.1	4.7/4.1	5.4/4.6	5.3/4.5	5.7/4.5	5.4/4.4	5.9/4.5	5.8/4.3	5.8/4.4	5.3/4.4	6.0/--
BNA	0.23	1.9/0.0	2.2/3.4	2.1/4.3	2.8/4.4	3.5/5.1	4.2/6.2	5.3/7.3	5.3/5.4	5.7/5.6	5.1/5.7	4.9/5.7	4.7/5.8	5.2/6.0	4.4/6.1	4.9/--
BOI	0.05	1.9/0.0	2.2/2.3	2.7/2.4	2.6/2.2	2.8/2.3	3.0/3.1	3.0/3.6	3.7/4.2	4.1/4.4	4.0/4.5	4.0/4.6	4.3/4.9	4.3/5.0	3.6/5.1	3.8/--
BOS	0.07	1.5/0.0	1.6/2.9	1.9/2.6	2.5/3.0	2.6/2.8	2.8/3.1	2.9/4.0	3.8/5.0	3.4/4.9	4.0/4.9	5.0/4.7	5.6/4.7	6.2/4.6	6.7/4.5	6.8/--
BRO	0.17	2.3/0.0	2.4/4.2	2.7/4.2	2.5/4.8	2.3/5.3	3.1/4.7	4.6/6.1	4.8/4.9	5.1/4.9	5.4/4.9	5.4/5.1	5.6/5.3	5.7/5.5	5.3/5.5	5.4/--
BTV	0.06	2.7/0.0	3.1/4.1	3.3/4.0	3.5/4.0	4.4/4.4	4.9/4.9	5.5/5.2	6.3/6.0	6.7/6.0	6.4/5.9	5.5/6.0	5.3/5.9	5.1/6.0	5.1/6.1	5.2/--
BUF	0.05	3.2/0.0	2.5/2.6	3.0/2.6	3.3/2.6	3.6/3.0	3.6/3.7	3.9/4.3	4.1/5.5	4.9/5.4	5.1/5.4	4.5/5.4	4.1/5.4	4.5/5.4	4.4/5.4	4.6/--
BUR	-0.21	2.8/0.0	3.1/2.1	3.0/2.3	3.0/1.9	3.2/2.4	3.1/2.8	2.7/2.8	2.7/2.8	3.2/2.8	3.2/2.7	3.2/2.7	3.2/2.7	3.1/2.7	3.2/2.8	3.7/--
BWI	0.18	1.8/0.0	2.0/3.2	2.6/3.1	2.6/3.3	3.1/4.0	4.1/4.6	3.7/5.3	3.9/6.8	4.7/6.8	5.0/6.6	5.3/6.6	6.0/6.5	7.0/6.4	7.5/6.4	6.9/--
CAE	0.07	3.3/0.0	2.2/3.0	2.6/3.0	2.8/3.0	3.1/4.5	4.0/5.0	4.6/4.7	5.2/5.6	5.3/5.6	5.7/5.7	5.0/5.7	6.1/5.6	6.8/5.6	6.2/5.8	5.6/--
CHA	0.06	2.9/0.0	2.4/1.8	1.9/2.0	2.0/2.6	2.5/3.7	2.8/4.0	3.9/4.4	4.7/4.4	4.2/4.5	4.2/4.6	4.9/4.6	5.0/4.7	4.8/4.8	4.1/5.0	4.3/--
CLE	0.13	2.3/0.0	2.4/3.1	2.6/3.6	3.5/3.9	3.2/4.4	4.1/4.5	5.3/5.0	5.2/7.3	6.5/7.2	6.8/7.1	6.2/7.1	6.2/7.0	6.3/6.9	6.9/6.9	7.4/--
CLT	0.14	3.0/0.0	2.6/3.6	3.2/3.9	3.3/4.3	3.6/5.5	4.5/5.5	4.8/5.4	5.0/5.9	5.0/5.9	5.4/5.9	5.1/6.1	5.8/6.1	6.4/6.1	6.1/6.1	6.1/--
CMH	0.13	1.7/0.0	1.9/2.8	2.2/2.9	2.9/3.2	3.3/4.4	3.9/4.2	5.1/5.1	4.5/6.3	5.7/6.3	5.9/6.1	5.5/6.2	5.6/6.2	5.8/6.0	6.1/6.0	6.6/--
CON	0.17	3.9/0.0	3.4/4.8	3.2/4.0	3.7/5.0	4.0/5.4	4.9/5.6	5.3/6.7	6.3/7.4	6.4/7.4	6.9/7.5	6.3/7.4	6.2/7.2	6.2/7.3	6.9/7.4	7.0/--
COS	-0.90	6.2/0.0	6.9/2.6	6.4/2.7	5.6/2.9	6.3/2.9	6.3/3.5	5.9/3.9	5.9/4.7	6.6/4.5	7.1/4.5	8.7/4.4	9.4/4.6	9.1/4.6	8.9/4.5	9.1/--
COU	-0.02	2.3/0.0	2.5/2.3	2.6/2.6	3.1/2.7	3.2/3.0	4.0/4.5	4.3/4.1	4.5/7.1	5.0/6.8	5.5/6.6	6.4/6.4	6.9/6.2	7.5/6.1	8.6/5.9	8.3/--
CQT	-0.01	1.9/0.0	2.2/1.6	2.2/1.8	2.5/1.9	2.7/2.2	2.7/2.4	2.4/2.0	2.3/2.3	2.4/2.4	2.2/2.5	1.9/2.7	2.0/2.8	2.2/2.9	2.0/3.0	1.8/--
CRP	0.26	2.7/0.0	2.5/4.1	2.7/5.0	2.3/5.6	2.2/5.3	3.0/5.6	4.9/6.2	5.4/5.9	5.4/6.1	5.9/6.3	6.1/6.4	6.1/6.5	6.1/6.7	5.7/6.9	5.6/--
CRW	0.17	3.0/0.0	2.5/3.9	2.9/4.2	3.1/4.9	3.8/5.3	4.3/4.8	4.9/5.9	5.3/5.8	4.9/5.8	5.3/5.7	4.7/5.8	5.2/5.9	5.6/5.9	5.6/5.9	5.5/--
CVG	0.19	2.9/0.0	2.2/3.6	2.3/3.6	2.9/4.3	3.4/5.0	4.5/6.1	5.8/5.9	5.5/6.0	5.6/6.1	5.7/6.1	5.0/6.1	5.1/6.2	5.6/6.2	5.8/6.3	6.2/--
DAY	0.10	2.3/0.0	2.8/3.4	3.0/3.5	3.6/3.9	3.7/4.8	4.7/4.8	6.1/6.4	6.0/6.7	6.6/6.7	6.3/6.7	5.7/6.7	5.6/6.7	6.1/6.8	6.8/6.8	7.1/--
DBQ	0.07	1.7/0.0	2.2/3.4	2.4/3.7	3.1/3.8	3.5/3.8	4.2/4.2	4.7/4.7	5.5/6.8	5.5/6.6	5.4/6.5	5.8/6.2	6.5/6.0	7.2/5.8	7.9/5.8	8.1/--
DCA	-0.19	2.4/0.0	2.9/2.1	2.6/1.9	3.1/2.2	3.3/2.3	3.6/2.9	3.7/3.1	3.5/4.9	3.7/4.7	4.1/4.6	4.3/4.3	4.8/4.2	5.5/4.2	6.2/4.1	5.6/--
DEC	-0.09	2.6/0.0	2.8/2.7	3.2/3.4	4.1/3.4	4.7/4.0	5.1/4.8	5.7/5.1	6.4/5.9	6.2/5.8	5.7/5.8	5.7/5.7	5.9/5.6	6.3/5.5	7.2/5.5	7.5/--
DEN	-0.52	4.5/0.0	4.9/3.1	5.0/3.1	4.6/3.1	5.0/4.0	5.4/4.4	5.3/4.9	6.0/5.6	7.2/5.3	8.2/5.2	9.1/5.0	9.5/5.1	9.5/4.9	9.1/4.8	9.3/--
DFW	0.10	1.6/0.0	1.6/2.2	1.7/2.7	2.2/2.9	2.6/3.2	2.5/3.1	2.9/4.2	2.5/4.8	3.7/4.7	4.8/4.7	5.4/4.7	5.5/4.8	5.9/4.8	6.5/4.8	6.1/--
DLH	0.12	2.3/0.0	2.3/3.0	2.7/3.3	3.2/3.3	3.6/3.8	4.3/4.6	4.9/5.0	5.3/7.7	5.2/7.5	5.3/7.3	6.0/7.0	6.3/6.8	7.0/6.6	7.3/6.4	7.2/--
DSM	0.01	2.1/0.0	2.1/2.2	2.6/2.8	3.4/3.2	3.8/3.4	3.9/4.4	4.5/4.3	5.2/7.2	5.4/6.9	5.2/6.7	5.8/6.5	6.9/6.3	7.5/6.1	8.3/5.9	8.0/--
DTW	0.12	1.9/0.0	2.1/2.7	1.9/2.9	2.6/3.0	2.5/3.2	3.1/3.4	3.9/3.9	3.7/5.2	4.9/5.1	5.0/5.1	4.6/5.0	4.5/5.0	4.8/5.0	5.4/5.0	5.7/--
ELP	0.04	3.2/0.0	2.9/3.7	3.0/4.1	3.4/3.1	3.8/4.0	3.4/3.0	3.9/3.4	4.2/4.5	4.3/4.5	4.4/4.6	5.0/4.7	4.8/4.8	4.6/5.0	4.0/5.0	3.8/--
ERI	0.01	3.2/0.0	3.3/3.4	3.5/3.7	4.4/3.6	4.6/4.1	4.3/4.1	4.7/5.1	4.2/6.0	5.6/5.9	5.8/5.8	5.6/5.6	5.1/5.5	5.5/5.6	6.0/5.5	6.4/--
EUG	0.05	3.1/0.0	3.0/3.2	2.9/3.5	3.1/3.8	3.2/3.0	3.6/3.7	3.7/4.2	3.9/3.6	3.7/3.6	3.7/3.7	3.4/3.6	3.4/3.7	3.3/3.7	3.5/3.8	3.5/--
EVV	0.06	2.2/0.0	2.4/3.7	2.8/3.1	3.6/3.6	4.6/4.4	5.2/5.2	6.0/6.2	5.4/5.5	5.6/5.4	5.4/5.6	5.3/5.5	5.3/5.7	5.2/5.7	5.1/5.9	5.5/--
EWR	0.10	2.3/0.0	2.0/2.7	2.3/3.0	2.9/2.9	3.1/3.3	3.2/3.4	3.9/4.4	4.0/5.0	3.7/5.0	3.9/4.9	4.3/4.8	4.6/4.8	5.1/4.8	6.0/4.8	5.6/--
FAR	0.16	2.1/0.0	2.5/3.5	2.6/3.4	3.0/3.7	3.7/4.5	4.4/4.8	5.5/4.9	5.1/7.8	5.0/7.5	5.0/7.1	5.6/6.9	5.9/6.5	6.1/6.3	6.5/6.1	6.9/--
FAT	0.12	1.5/0.0	2.0/2.2	2.3/2.4	2.4/2.0	2.6/2.8	2.7/3.0	2.3/3.7	2.3/3.3	2.9/3.4	3.2/3.6	3.3/3.7	3.4/3.8	3.9/4.0	3.3/4.2	3.7/--
FLG	0.01	3.6/0.0	3.5/3.9	3.4/4.5	3.8/3.6	3.9/3.6	4.3/4.2	4.5/3.9	4.9/4.8	4.8/4.7	4.6/4.7	4.6/4.9	4.7/4.9	4.7/4.8	4.6/4.9	4.7/--
FMY	0.09	2.1/0.0	2.1/2.2	2.3/2.3	2.8/2.5	3.2/3.7	3.7/4.0	4.1/4.9	4.4/5.2	4.7/5.3	4.6/5.3	4.8/5.3	4.7/5.4	4.8/5.4	4.8/5.4	4.8/--
FSD	0.11	3.5/0.0	3.6/4.2	3.6/4.8	4.0/4.7	4.5/5.1	5.2/6.0	6.2/6.3	6.7/7.8	6.5/7.7	6.2/7.5	6.3/7.4	6.9/7.3	7.2/7.2	7.5/7.1	7.0/--
FWA	-0.04	3.1/0.0	4.1/2.5	3.7/3.3	3.9/3.7	4.1/4.0	4.2/4.3	5.4/5.1	5.4/6.0	6.1/6.0	5.9/6.0	5.4/5.9	5.1/5.9	5.4/5.8	5.9/5.7	6.4/--

GAD	0.20	2.4/0.0	2.2/1.7	2.3/1.4	2.3/3.3	2.7/5.3	2.2/5.4	4.1/8.0	5.9/8.3	7.8/8.6	7.5/8.9	7.8/9.1	7.5/9.4	6.6/9.7	5.6/10.0	5.5/--
GEG	-0.43	1.9/0.0	2.1/2.8	2.7/2.4	3.3/3.2	3.6/2.9	4.1/3.1	4.4/4.0	5.4/3.6	5.9/3.6	6.3/3.5	6.2/3.5	6.3/3.6	6.3/3.5	6.1/3.4	5.6/--
GTF	0.07	3.7/0.0	3.8/4.4	3.6/4.6	3.7/5.4	4.4/4.6	4.3/5.8	4.6/5.6	5.1/6.0	5.4/5.9	6.3/5.8	6.6/5.8	6.3/5.8	6.2/5.8	6.4/5.8	6.7/--
HOU	-0.04	4.3/0.0	3.9/2.9	4.0/3.6	4.4/3.4	4.3/4.3	4.3/4.9	5.2/6.4	5.6/5.9	6.0/6.1	6.8/6.2	6.7/6.3	7.0/6.4	6.7/6.6	6.7/6.8	6.5/--
HSV	0.13	3.4/0.0	3.0/3.5	3.0/3.3	2.9/3.9	3.9/4.9	4.1/5.9	4.8/6.2	5.2/5.7	5.6/5.9	5.5/5.9	6.0/5.9	5.8/6.0	5.8/6.2	5.0/6.3	5.2/--
IAH	0.22	1.7/0.0	1.6/2.4	1.7/3.1	2.2/3.3	2.7/4.1	2.8/4.1	3.8/5.1	4.6/5.8	5.0/5.8	5.4/5.9	5.3/6.0	5.5/6.1	5.4/6.1	5.2/6.1	5.0/--
ICT	-0.01	2.3/0.0	2.1/3.1	3.4/3.2	3.5/3.4	3.3/3.8	3.6/4.7	3.9/4.6	4.5/6.2	5.4/6.1	6.3/6.1	7.4/6.0	7.4/6.0	8.0/6.1	8.4/6.1	8.3/--
ILG	0.19	2.5/0.0	2.0/3.2	2.5/3.3	2.4/3.2	2.7/3.9	3.6/4.5	3.5/5.1	4.0/6.2	4.6/6.2	5.0/6.1	5.0/6.0	5.6/5.9	6.3/6.0	6.9/5.9	6.4/--
IND	0.08	2.4/0.0	2.0/2.1	2.0/2.3	2.5/2.8	2.9/2.7	3.4/4.0	4.5/4.3	4.7/5.5	4.8/5.5	4.8/5.4	4.6/5.3	4.4/5.3	5.0/5.3	5.0/5.2	5.9/--
IPT	0.12	3.8/0.0	3.2/3.0	3.1/3.2	2.7/3.3	2.5/3.4	3.1/4.5	4.2/4.6	4.2/5.7	4.8/5.6	5.2/5.7	5.2/5.5	4.7/5.4	5.2/5.4	5.7/5.5	5.6/--
JAN	0.17	2.7/0.0	2.6/3.1	3.2/3.9	3.9/4.2	4.5/5.3	4.6/6.5	4.9/7.1	4.8/6.4	5.5/6.5	5.9/6.6	6.3/6.6	5.6/6.8	6.2/6.9	5.1/7.0	5.2/--
JAX	0.02	2.4/0.0	3.3/3.6	3.8/3.7	3.6/3.8	3.8/4.7	4.5/5.3	5.7/6.1	6.4/6.3	6.8/6.4	7.4/6.5	7.6/6.6	6.8/6.7	6.6/6.8	6.2/6.9	6.3/--
JFK	0.06	1.8/0.0	1.8/1.9	1.9/2.1	2.6/2.3	3.0/2.4	2.7/3.0	3.1/4.2	3.4/4.8	2.9/4.7	3.4/4.6	3.7/4.4	4.4/4.4	5.0/4.3	5.5/4.2	5.6/--
LAN	0.07	2.7/0.0	2.8/3.4	2.7/3.9	3.0/3.5	3.4/3.7	3.9/4.2	4.8/5.3	5.0/5.7	6.1/5.7	5.9/5.6	5.5/5.6	5.1/5.6	5.4/5.4	6.1/5.5	6.4/--
LAS	-0.01	1.7/0.0	1.9/2.2	1.9/2.1	2.6/2.2	2.6/2.2	2.9/3.2	3.3/3.3	3.8/4.0	4.1/4.0	4.1/3.9	4.0/3.9	4.2/3.9	3.9/3.9	3.7/3.9	3.7/--
LAX	0.03	2.4/0.0	2.5/1.5	2.5/2.1	2.6/1.9	2.7/2.0	2.5/2.2	2.5/2.4	2.4/2.4	2.2/2.7	2.0/2.8	1.7/3.0	1.7/3.1	2.0/3.4	2.0/3.5	2.0/--
LEX	0.17	1.7/0.0	2.0/3.2	2.0/3.2	2.5/4.1	3.5/4.6	4.7/5.5	5.7/6.1	5.7/6.4	6.0/6.3	5.9/6.4	5.7/6.5	6.0/6.4	6.2/6.5	5.8/6.6	6.2/--
LFK	0.21	1.9/0.0	2.0/3.1	2.0/3.2	2.8/3.6	3.2/4.3	3.0/4.3	3.9/4.7	4.4/6.0	4.5/6.0	5.4/6.0	5.6/6.1	5.6/6.2	5.4/6.2	5.4/6.4	5.3/--
LGA	0.07	1.3/0.0	1.6/2.1	1.7/2.2	2.1/2.1	2.3/2.5	2.2/2.0	2.5/3.1	2.9/4.5	2.8/4.4	3.4/4.2	3.7/4.0	4.3/3.9	4.8/3.8	5.3/3.6	5.3/--
LGB	-0.36	3.5/0.0	3.9/1.9	3.6/1.9	4.0/2.1	4.1/2.3	3.9/2.3	3.7/2.3	3.1/2.6	2.8/2.8	2.9/2.8	2.6/3.0	2.5/3.2	3.1/3.3	2.9/3.5	3.2/--
LIT	0.04	3.4/0.0	3.2/2.8	2.8/3.2	3.3/3.5	3.4/3.7	3.5/4.1	4.4/3.8	4.4/4.6	4.1/4.7	4.9/4.8	4.6/4.8	4.7/4.9	4.7/5.0	4.8/5.1	5.0/--
LNS	0.23	2.9/0.0	2.9/3.4	3.3/3.7	3.4/3.7	3.6/4.1	4.4/4.9	4.5/5.8	4.2/8.7	4.5/8.4	4.8/8.2	5.3/8.0	5.6/7.9	6.7/7.7	7.2/7.6	6.6/--
MAF	0.28	2.7/0.0	2.5/6.5	2.4/7.1	3.1/6.9	4.0/5.7	5.3/6.5	5.8/7.3	5.6/6.7	6.1/6.8	6.2/7.1	6.2/7.3	6.1/7.4	6.0/7.7	5.8/7.9	5.7/--
MBA	0.12	2.9/0.0	3.0/4.5	3.3/4.6	4.1/4.6	4.0/4.6	4.7/5.5	5.0/6.5	5.8/7.3	5.7/7.2	6.2/7.1	6.3/7.1	7.0/7.1	7.9/7.1	8.7/7.0	8.5/--
MCI	-0.19	2.1/0.0	2.7/2.3	3.2/2.5	3.8/3.0	4.3/3.3	4.2/3.8	4.2/4.6	4.9/6.2	5.7/6.0	5.8/5.7	6.8/5.8	7.7/5.6	8.6/5.5	8.7/5.4	8.7/--
MCN	-0.02	2.9/0.0	2.8/2.0	2.7/2.4	2.9/3.8	3.7/4.0	4.3/5.2	4.7/4.8	5.3/5.0	5.2/5.0	5.3/5.1	5.4/5.3	6.2/5.3	5.7/5.3	4.9/5.5	4.8/--
MCO	-0.03	2.5/0.0	2.5/2.5	2.8/2.0	2.9/2.6	3.0/2.7	3.8/3.5	4.5/4.2	4.3/5.3	4.6/5.3	5.0/5.2	5.2/5.3	4.9/5.3	5.1/5.3	5.4/5.2	5.6/--
MDT	0.13	2.7/0.0	2.8/3.3	3.1/3.8	3.4/4.0	4.0/4.3	4.2/5.0	4.7/5.6	4.6/5.9	4.5/6.0	4.7/5.8	5.0/5.8	5.2/5.9	6.1/6.0	6.3/5.9	5.9/--
MEM	0.06	2.0/0.0	2.1/2.8	2.8/3.6	3.7/3.6	4.2/3.8	4.3/5.3	4.6/5.3	4.2/4.7	4.8/4.7	4.3/4.6	4.5/4.6	5.2/4.7	4.9/4.7	4.1/4.7	4.5/--
MHT	0.37	2.2/0.0	2.0/3.4	2.1/3.5	2.9/4.3	3.0/3.8	3.6/4.4	4.0/5.4	4.9/11.0	4.8/10.7	5.8/10.5	5.6/10.2	5.7/10.0	6.3/9.9	7.0/9.7	6.9/--
MIA	0.08	1.7/0.0	1.8/1.9	2.3/2.1	2.6/2.4	2.9/3.2	3.4/3.5	3.8/4.5	3.7/5.1	3.9/5.0	4.3/5.1	4.5/5.0	4.5/5.0	4.6/4.9	4.9/4.9	5.1/--
MKE	0.03	2.7/0.0	2.9/3.2	2.8/3.1	3.5/3.5	4.0/3.5	3.7/3.7	4.4/3.8	4.9/5.9	4.4/5.7	4.4/5.5	4.3/5.3	4.3/5.2	5.6/5.0	6.5/4.8	7.0/--
MOB	0.09	3.0/0.0	2.9/2.8	3.5/3.5	3.8/4.0	4.5/5.9	4.9/7.2	5.4/8.1	5.8/6.7	6.4/6.8	7.3/6.9	7.5/7.0	7.3/7.1	6.8/7.2	6.3/7.3	6.4/--
MSP	0.24	1.7/0.0	2.2/3.1	2.1/3.8	2.5/4.1	3.3/4.4	4.2/5.1	5.1/5.6	5.7/7.8	5.4/7.6	5.3/7.4	5.4/7.2	5.8/7.2	6.1/7.0	6.8/7.0	6.4/--
MSY	-0.05	3.7/0.0	3.9/2.9	4.3/3.3	4.8/3.9	5.2/5.1	4.8/5.4	5.0/5.9	4.9/5.1	5.4/5.1	5.1/5.1	5.6/5.2	5.2/5.3	5.4/5.4	4.8/5.5	4.8/--
MWL	0.15	2.7/0.0	2.4/2.9	2.2/3.8	2.9/4.0	3.1/3.9	4.2/3.5	4.6/4.7	4.4/5.9	4.6/6.0	4.9/6.0	5.5/6.2	5.6/6.2	5.9/6.3	6.0/6.4	5.9/--
NKX	-0.86	3.3/0.0	4.3/2.0	3.6/2.1	3.4/1.7	3.3/2.0	3.4/2.2	3.9/2.0	3.7/0.0	3.5/0.0	3.5/0.0	3.1/0.0	2.7/0.0	3.0/0.0	3.0/0.0	3.0/--
NTU	0.03	2.9/0.0	2.8/3.0	3.2/3.5	4.1/4.1	4.7/5.5	5.9/5.6	5.4/5.8	5.5/5.9	5.1/5.9	5.2/6.0	5.6/6.0	5.9/6.0	7.0/6.0	7.4/6.1	6.8/--
OAK	0.28	4.2/0.0	3.3/2.6	3.3/2.8	3.4/3.5	3.4/3.8	3.2/3.7	3.4/4.7	3.9/7.2	4.2/7.3	3.5/7.5	3.7/7.7	3.9/7.9	4.0/8.1	3.8/8.3	3.9/--
OKC	-0.08	2.5/0.0	2.5/3.0	3.2/2.9	3.8/2.7	3.0/3.3	3.1/3.4	3.5/4.3	3.7/5.7	4.8/5.7	6.1/5.6	7.0/5.5	7.0/5.5	8.1/5.5	8.5/5.5	8.2/--
OMA	0.01	3.2/0.0	2.7/3.8	2.8/3.7	3.2/3.4	3.5/4.0	3.8/4.3	4.4/4.6	4.9/5.4	4.6/5.1	4.8/5.0	5.4/5.0	5.9/4.9	6.4/4.8	6.8/4.7	6.6/--
ORD	0.01	2.4/0.0	3.1/2.9	3.0/2.6	2.9/3.1	3.5/3.7	3.8/3.9	4.6/4.2	4.8/5.7	5.4/5.5	4.9/5.3	4.4/5.2	4.5/5.1	5.1/5.2	6.0/4.9	6.3/--
ORH	-0.08	3.2/0.0	3.2/2.6	3.4/2.1	3.4/2.7	2.9/2.6	2.8/2.6	3.4/3.9	3.9/5.8	3.5/5.7	4.4/5.5	4.8/5.3	5.5/5.3	6.5/5.1	7.3/5.0	7.6/--
PDT	-0.01	2.9/0.0	3.6/4.1	4.0/4.2	4.1/4.5	4.4/4.3	4.7/4.5	4.7/5.1	4.7/5.0	5.0/5.2	5.7/5.3	5.9/5.3	6.1/5.5	6.2/5.7	6.4/5.8	6.6/--
PDX	-0.03	3.3/0.0	2.0/2.4	1.9/2.4	1.9/2.7	2.2/2.4	2.7/2.7	2.9/3.1	3.2/2.6	2.8/2.6	3.2/2.6	3.1/2.6	3.3/2.7	3.1/2.7	2.9/2.7	2.6/--
PHL	0.13	1.7/0.0	1.3/2.3	1.1/2.5	2.0/2.6	2.7/3.2	3.3/3.8	3.5/4.0	3.7/4.8	3.7/4.7	4.2/4.7	4.0/4.7	4.8/4.6	5.6/4.5	6.1/4.5	5.9/--
PHX	-0.03	1.9/0.0	2.2/1.9	2.2/2.1	2.2/2.1	2.8/2.3	3.2/2.9	3.3/3.2	4.0/4.4	4.5/4.4	4.4/4.4	4.5/4.4	4.0/4.3	4.2/4.3	4.0/4.3	4.1/--
PIR	-0.15	3.3/0.0	3.8/4.5	4.2/4.4	3.9/4.6	3.7/4.2	4.3/3.7	4.6/4.1	4.9/4.3	4.9/4.2	5.2/4.2	5.9/4.2	6.2/4.2	6.1/4.5	6.2/4.4	6.4/--
PIT	0.07	2.3/0.0	2.5/3.4	2.4/3.1	3.2/3.5	3.7/4.0	3.6/4.3	4.2/4.4	4.6/6.2	5.7/6.0	6.1/6.0	5.9/5.9	5.7/5.8	6.2/5.7	6.4/5.6	6.6/--
PVD	0.11	2.4/0.0	2.4/2.9	2.6/3.3	3.4/3.6	3.2/3.7	3.3/4.3	4.1/5.5	5.0/6.7	4.4/6.6	4.9/6.4	5.6/6.3	6.4/6.3	7.3/6.2	7.9/6.1	8.1/--
PWM	0.16	2.2/0.0	2.1/4.4	2.5/4.0	2.9/4.6	3.1/3.6	3.5/4.1	4.2/4.9	4.9/5.7	5.1/5.6	5.7/5.6	5.1/5.5	4.8/5.5	5.1/5.5	6.0/5.6	5.9/--
RAL	0.46	3.9/0.0	4.3/6.5	4.4/5.8	4.5/6.1	4.8/7.2	4.6/7.0	4.2/6.9	4.3/9.4	4.4/9.6	4.2/9.8	4.0/10.1	4.0/10.3	4.3/10.5	4.2/10.7	4.1/--
RAP	-0.09	2.9/0.0	2.8/4.3	2.8/4.5	3.2/5.5	3.6/4.8	4.7/4.3	4.9/4.9	4.6/4.0	5.3/4.0	5.7/4.1	5.7/4.2	6.3/4.3	6.3/4.5	6.4/4.7	6.6/--
RBL	0.08	2.7/0.0	3.0/2.9	3.5/3.3	3.2/3.5	3.9/3.9	4.1/4.1	4.4/4.6	4.8/5.6	5.1/5.9	5.1/5.9	5.2/6.1	5.4/6.2	5.5/6.4	5.5/6.6	5.1/--
RDD	-0.12	5.3/0.0	6.0/4.3	6.2/4.1	5.6/4.0	5.7/4.1	5.2/5.1	5.4/5.2	5.3/5.5	5.3/5.7	5.5/5.7	5.9/5.9	5.8/6.0	5.9/6.1	6.0/6.2	5.8/--
RDU	0.10	2.2/0.0	2.0/3.0	2.6/2.6	3.0/3.8	3.9/5.2	4.2/5.0	4.3/5.1	4.8/5.3	4.9/5.3	4.8/5.2	4.5/5.2	5.0/5.2	5.9/5.2	5.8/5.2	5.5/--
RIC	0.16	2.2/0.0	1.9/2.8	2.3/2.6	2.6/3.2	2.8/4.1	3.6/4.5	3.3/4.6	3.7/5.7	4.0/5.6	4.2/5.5	4.7/5.5	5.1/5.3	5.8/5.2	6.2/5.2	5.5/--
RNO	-0.20	3.1/0.0	3.8/2.0	4.2/1.7	3.7/2.4	3.6/3.3	3.7/3.8	3.4/3.4	3.4/4.2	4.0/4.1	3.7/4.0	3.8/4.1	3.9/4.1	4.2/3.9	3.8/3.9	4.2/--

ROA	0.10	2.3/0.0	2.8/3.2	2.9/3.5	3.0/3.9	3.8/3.6	4.0/4.2	4.3/5.1	4.2/6.2	4.7/6.1	5.5/5.9	4.9/5.8	5.4/5.7	6.2/5.6	6.1/5.5	5.9/--
ROC	0.19	3.4/0.0	3.5/5.6	4.1/5.5	4.4/5.4	5.1/5.4	5.1/5.2	5.5/5.8	4.8/6.3	5.5/6.3	5.8/6.4	5.2/6.4	4.7/6.5	4.7/6.6	4.5/6.6	4.7/--
SAC	0.03	2.8/0.0	2.5/3.1	2.6/3.6	2.9/3.7	11.8/3.8	3.5/4.0	3.6/4.1	3.9/5.0	4.1/5.2	4.1/5.3	4.3/5.5	4.6/5.7	4.7/5.9	4.6/6.1	4.6/--
SAN	0.09	2.2/0.0	2.5/1.5	2.4/2.1	2.4/1.8	2.3/2.2	2.4/2.4	2.7/2.7	2.7/3.2	2.5/3.3	2.4/3.4	2.3/3.6	2.3/3.8	2.5/3.9	2.3/4.1	2.3/--
SAT	0.27	2.6/0.0	2.0/3.8	2.5/4.7	2.8/4.9	2.8/5.0	2.9/5.2	3.9/5.6	4.9/5.7	5.0/5.8	5.6/5.9	5.7/6.0	5.5/6.1	5.1/6.3	5.0/6.5	4.9/--
SAV	-0.14	2.6/0.0	2.9/3.1	2.8/2.7	3.5/2.9	4.0/4.4	4.6/4.5	5.0/4.6	5.3/4.6	5.8/4.6	5.9/4.6	5.7/4.6	5.7/4.7	6.3/4.8	5.6/4.9	5.2/--
SDF	0.11	1.8/0.0	2.1/2.6	2.5/3.0	3.0/3.2	3.5/3.5	4.1/5.0	5.0/5.2	5.0/5.6	5.2/5.6	5.1/5.7	4.9/5.8	5.0/5.7	5.3/5.8	5.2/5.9	5.7/--
SEA	-0.14	1.8/0.0	2.2/2.5	2.1/2.5	2.4/2.8	2.7/2.7	3.4/3.4	3.4/3.9	3.9/3.6	4.4/3.5	4.8/3.5	5.5/3.5	5.4/3.7	5.1/3.7	5.0/3.7	4.8/--
SFO	-0.06	2.2/0.0	1.9/1.9	2.0/1.9	2.2/2.2	2.4/2.5	2.8/2.8	3.0/2.9	3.1/2.9	3.3/2.9	2.9/2.9	3.1/2.9	3.2/3.0	3.3/3.0	3.3/2.9	3.2/--
SJC	0.11	3.5/0.0	3.1/3.2	3.0/2.8	3.3/3.0	3.5/3.3	3.3/4.0	3.4/4.4	3.6/4.3	4.0/4.4	3.5/4.6	4.0/4.8	4.0/4.9	4.0/5.0	4.0/5.2	3.8/--
SJT	0.18	3.4/0.0	3.9/7.2	4.4/6.8	5.2/7.6	5.6/6.3	6.7/7.1	7.2/9.2	7.4/8.4	7.8/8.5	7.9/8.5	7.7/8.6	7.9/8.8	7.8/9.0	7.5/9.1	7.5/--
SLC	0.11	2.2/0.0	2.4/2.3	2.6/2.3	2.5/2.4	2.4/2.8	2.9/3.6	3.3/4.8	4.2/4.4	4.4/4.6	4.4/4.8	4.3/5.1	4.4/5.3	4.5/5.5	4.0/5.8	3.8/--
SSI	0.11	2.1/0.0	2.5/3.1	2.5/2.8	2.4/3.2	2.8/4.0	3.5/4.5	4.3/5.2	4.8/5.3	5.2/5.4	6.0/5.6	6.1/5.7	5.9/5.8	5.5/6.0	5.2/6.1	5.4/--
STL	0.01	1.4/0.0	1.4/2.0	2.1/2.4	3.0/2.5	3.3/2.8	3.9/3.8	4.3/4.0	4.6/6.1	4.9/5.9	4.6/5.7	5.2/5.7	6.0/5.5	6.0/5.4	7.1/5.3	7.3/--
SYR	0.05	2.4/0.0	2.6/4.0	3.2/3.6	3.5/3.9	4.6/3.2	4.5/4.2	5.0/5.0	5.0/5.8	5.4/5.8	5.9/5.7	5.3/5.7	5.0/5.8	5.2/5.8	5.3/5.9	5.4/--
TLH	0.13	3.1/0.0	3.4/3.9	3.5/4.2	3.8/5.3	4.5/6.0	5.8/7.0	6.2/8.3	6.8/8.3	7.2/8.4	8.4/8.5	9.1/8.6	8.9/8.6	8.5/8.8	8.1/9.0	7.9/--
TPA	0.14	1.7/0.0	1.8/2.8	1.9/2.9	2.5/3.1	3.3/3.6	3.8/4.3	4.4/5.0	4.4/4.9	4.6/5.0	4.6/5.1	5.1/5.2	4.8/5.2	4.9/5.3	4.7/5.4	4.9/--
TRM	-0.07	4.5/0.0	5.0/3.6	4.7/2.6	4.9/2.9	4.5/3.2	4.5/4.2	4.7/4.6	5.1/5.7	5.5/5.9	5.1/6.1	5.0/6.2	4.7/6.4	4.7/6.7	4.8/6.8	4.9/--
TUL	0.14	1.9/0.0	2.0/3.2	1.9/3.6	2.4/3.4	2.5/3.3	2.9/4.3	3.2/4.4	3.3/5.7	4.3/5.6	5.3/5.5	6.4/5.6	6.3/5.5	6.9/5.6	7.3/5.6	7.3/--
TUS	-0.02	2.7/0.0	2.8/2.7	2.8/2.8	3.0/3.3	3.2/3.4	3.4/3.7	3.7/3.8	4.1/4.7	4.9/4.7	5.0/4.6	5.4/4.5	4.9/4.4	4.7/4.3	4.7/4.2	4.8/--
TYR	0.15	1.8/0.0	2.2/2.3	2.2/2.7	2.6/3.4	3.0/3.5	3.6/3.6	3.7/3.8	3.8/5.1	3.8/5.3	4.4/5.4	4.9/5.5	4.7/5.6	4.8/5.7	4.8/5.8	4.8/--
TYS	0.14	2.4/0.0	2.0/2.6	2.2/3.0	2.6/3.5	2.8/4.6	3.3/4.2	3.6/4.8	4.7/4.5	4.3/4.6	4.2/4.7	4.3/4.7	5.1/4.7	5.1/4.8	4.3/5.0	4.4/--
VCT	0.31	2.2/0.0	2.1/2.9	2.2/4.5	2.3/4.6	1.9/5.3	2.6/5.2	4.1/6.0	5.0/6.4	5.3/6.5	5.9/6.6	5.9/6.8	5.8/6.9	5.7/7.1	5.6/7.4	5.6/--
WJF	-0.29	8.6/0.0	8.8/4.6	8.6/4.4	8.5/3.8	8.2/4.4	8.9/5.1	8.1/6.9	7.3/7.7	7.7/7.9	7.4/8.1	6.2/8.3	6.3/8.5	6.8/8.7	6.7/9.0	6.5/--
YKM	-0.02	3.2/0.0	3.5/4.3	3.8/3.9	3.9/4.0	3.8/4.1	4.3/4.5	4.5/4.8	4.9/5.0	5.3/5.0	5.5/5.0	5.5/5.0	5.9/5.2	5.8/5.1	5.7/5.0	5.6/--
YNG	0.08	2.5/0.0	2.5/2.9	2.4/3.2	3.3/3.3	3.6/3.7	3.7/4.4	4.6/4.8	4.6/7.0	5.9/6.8	6.3/6.8	6.3/6.7	6.4/6.6	6.7/6.4	7.3/6.4	7.6/--
YQB	0.19	2.3/0.0	2.8/0.0	2.8/0.0	2.6/0.0	3.0/0.0	2.9/0.0	3.7/0.0	4.1/6.0	4.7/5.9	5.3/5.8	5.0/5.7	4.5/5.6	4.3/5.6	4.8/5.6	5.2/--
YUL	0.11	2.3/0.0	2.7/0.0	3.0/0.0	2.9/0.0	3.6/0.0	3.8/0.0	5.2/0.0	5.4/6.0	5.8/5.9	5.9/5.9	5.3/5.8	4.9/5.8	4.6/5.8	4.6/5.8	4.7/--
YVR	-0.20	1.7/0.0	1.5/0.0	1.7/0.0	1.7/0.0	2.1/0.0	2.5/0.0	2.8/0.0	3.1/3.5	3.3/3.5	3.8/3.5	4.8/3.5	4.8/3.5	5.0/3.5	4.7/3.6	4.5/--
YXD	0.02	4.5/0.0	4.5/0.0	4.4/0.0	4.3/0.0	4.9/0.0	5.0/0.0	4.8/0.0	5.0/5.5	5.4/5.6	5.8/5.6	5.9/5.7	5.9/5.9	6.0/6.0	5.9/6.2	5.6/--
YYC	-0.01	3.1/0.0	2.7/0.0	3.2/0.0	3.4/0.0	3.5/0.0	3.5/0.0	3.6/0.0	3.9/5.5	4.2/5.3	4.8/5.1	5.4/4.9	5.4/4.7	5.2/4.6	5.4/4.5	5.7/--
YYZ	0.20	2.5/0.0	2.6/0.0	2.7/0.0	3.3/0.0	3.4/0.0	3.4/0.0	4.0/0.0	4.0/4.7	4.3/4.7	3.7/4.6	3.6/4.5	3.2/4.5	3.1/4.4	3.7/4.3	3.7/--

Bias (2009-11-01~2009-11-30)

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	-1.43	0.5/0.0	0.3/1.3	0.3/0.4	0.5/0.9	0.5/0.2	0.5/-1.1	0.3/-1.1	-0.3/-2.7	-0.1/-2.4	-1.2/-2.2	-2.6/-1.9	-3.7/-1.7	-4.8/-1.4	-5.8/-1.1	-5.9/--
ABI	-1.51	0.2/0.0	0.4/3.1	0.3/4.9	0.0/4.3	-0.2/3.4	-1.4/5.0	-1.3/3.1	-1.1/1.3	-1.4/1.7	-2.0/2.1	-2.5/2.5	-2.9/2.9	-3.3/3.3	-3.8/3.7	-3.8/--
ABQ	-0.51	0.4/0.0	0.3/1.6	0.1/1.7	0.1/1.9	0.1/1.5	0.5/1.2	0.7/1.2	0.7/-1.3	0.6/-0.9	-0.5/-0.5	-1.6/-0.1	-2.1/0.3	-2.1/0.7	-2.2/1.0	-2.6/--
ABY	3.19	0.8/0.0	1.1/1.6	1.2/1.4	1.1/2.5	2.2/4.3	3.0/4.2	2.9/4.9	4.5/0.9	4.7/1.1	5.4/1.4	5.1/1.6	4.6/1.8	3.9/2.1	3.7/2.4	3.8/--
ACT	-0.60	-0.1/0.0	-0.1/3.8	-0.2/4.6	-0.3/3.6	-0.4/4.1	-0.3/3.3	-0.5/2.7	0.6/0.7	0.1/1.1	-0.4/1.4	-1.0/1.8	-1.0/2.2	-1.6/2.5	-1.9/2.9	-2.0/--
ACY	-1.97	-0.3/0.0	-1.0/0.2	-1.1/-0.5	-0.6/-0.4	-0.5/-1.2	0.2/-2.0	-0.1/-2.6	-0.8/-5.0	-0.8/-4.7	-1.6/-4.5	-2.7/-4.2	-4.0/-4.0	-4.7/-3.8	-5.6/-3.5	-6.0/--
ALB	-0.31	0.7/0.0	1.1/2.6	1.0/1.7	0.4/0.4	1.0/0.3	0.5/0.2	0.6/0.0	0.6/-1.2	1.2/-1.0	0.4/-0.7	-0.8/-0.4	-1.5/-0.2	-2.5/0.0	-3.5/0.3	-3.8/--
ALW	-1.32	0.4/0.0	0.7/-0.9	0.5/-1.6	-0.2/-1.4	-0.6/-2.2	-0.4/-1.7	-0.4/-0.8	-1.3/0.8	-1.9/1.0	-3.2/1.3	-2.3/1.5	-2.7/1.7	-2.8/2.0	-2.9/2.2	-2.7/--
AOO	-1.26	-0.6/0.0	-0.5/0.2	-0.1/-0.2	0.4/0.4	0.7/-0.9	0.6/-0.7	0.4/-0.5	-0.1/-0.9	-0.4/-0.6	-1.2/-0.4	-2.0/-0.1	-3.1/0.1	-3.9/0.4	-4.5/0.7	-4.4/--
APN	-0.89	0.1/0.0	-0.0/1.9	0.3/1.6	0.6/1.3	0.5/1.2	0.9/1.2	0.5/1.3	1.0/-2.1	1.6/-1.9	-0.8/-1.6	-1.7/-1.3	-2.6/-1.0	-3.7/-0.7	-4.6/-0.4	-5.3/--
ATL	0.96	0.4/0.0	0.9/2.0	0.9/2.3	1.0/3.0	1.2/3.8	1.5/3.2	2.0/3.5	2.1/1.9	2.0/2.2	1.9/2.4	1.2/2.7	0.2/3.0	-0.1/3.3	-0.7/3.5	-0.3/--
AUG	-0.74	0.3/0.0	0.6/2.2	0.9/2.0	0.7/1.4	0.5/0.8	0.8/1.5	0.6/0.7	0.7/-0.4	0.3/-0.1	-0.4/0.2	-1.4/0.5	-2.5/0.8	-3.2/1.1	-4.3/1.3	-4.8/--
AUS	1.90	-0.3/0.0	-0.1/3.6	-0.1/4.2	-0.2/4.8	-0.0/5.7	0.5/5.4	2.0/5.1	3.2/7.7	2.8/8.0	4.0/8.3	3.4/8.6	3.6/8.9	3.3/9.2	3.1/9.5	3.4/--
AVP	-1.11	-0.1/0.0	0.2/1.3	0.4/1.0	0.5/0.9	1.0/0.7	0.5/-0.7	0.3/-0.3	-0.0/-0.8	-0.1/-0.6	-0.8/-0.3	-2.1/-0.1	-3.1/0.2	-4.0/0.4	-4.6/0.7	-4.7/--
BDL	-2.82	-0.9/0.0	-0.6/-0.0	-0.7/-1.1	-1.0/-1.7	-0.5/-1.9	-0.9/-2.3	-1.0/-2.6	-1.7/-3.6	-1.7/-3.3	-2.6/-3.1	-4.0/-2.8	-5.1/-2.6	-6.3/-2.3	-7.4/-2.1	-7.7/--
BFL	0.63	-0.2/0.0	-0.3/0.5	-0.4/2.7	-0.2/1.5	-0.3/1.4	-0.2/1.9	0.4/2.7	0.5/2.6	0.9/3.0	1.2/3.3	1.5/3.7	1.7/4.0	1.9/4.4	1.4/4.8	1.5/--
BGM	-0.09	0.5/0.0	0.8/1.2	1.1/1.0	1.0/0.9	1.7/0.3	1.5/-0.2	1.6/-0.1	1.7/-1.7	1.9/-1.4	0.5/-1.2	-0.8/-0.9	-1.8/-0.6	-2.9/-0.3	-4.0/-0.0	-4.2/--
BHM	1.70	0.6/0.0	0.8/1.3	0.1/3.0	0.4/1.9	0.8/4.2	1.5/5.0	2.2/5.4	2.7/1.6	3.5/1.9	3.0/2.1	2.9/2.4	2.2/2.7	1.8/2.9	1.6/3.2	1.6/--
BIS	1.15	1.0/0.0	1.2/2.5	1.4/1.5	1.9/1.7	2.3/1.3	2.7/1.1	3.6/2.1	2.7/-2.7	2.9/-2.2	1.1/-1.8	0.3/-1.3	-0.3/-0.8	-0.9/-0.3	-1.1/0.2	-1.4/--
BNA	0.75	0.2/0.0	0.2/2.2	-0.2/3.0	-0.1/3.3	0.1/3.7	1.0/4.2	2.3/5.0	2.0/1.5	2.4/1.8	1.7/2.1	1.5/2.3	0.5/2.6	0.2/2.9	-0.2/3.2	-0.3/--
BOI	-1.57	-0.4/0.0	-1.0/-0.5	-0.9/-1.3	-0.6/-0.4	-0.6/0.1	-0.9/0.8	-0.8/0.2	-0.4/2.0	-1.5/2.3	-2.6/2.6	-2.6/2.8	-2.7/3.1	-2.8/3.4	-2.7/3.7	-3.0/--
BOS	-2.85	-0.4/0.0	-0.6/0.7	-0.7/0.1	-1.3/-0.7	-0.9/-1.0	-1.4/-1.0	-1.5/-2.0	-2.1/-2.8	-2.4/-2.5	-3.1/-2.3	-4.3/-2.0	-5.0/-1.7	-5.8/-1.5	-6.5/-1.2	-6.7/--
BRO	2.05	0.3/0.0	0.4/3.8	0.6/3.6	0.0/4.5	-0.3/5.1	0.4/4.0	1.5/4.5	2.4/2.2	2.9/2.4	3.5/2.7	4.2/2.9	4.1/3.1	3.9/3.4	3.3/3.6	3.7/--
BTV	0.09	0.4/0.0	0.7/2.0	1.0/1.2	0.5/1.4	1.3/0.6	0.8/1.0	1.2/0.5	1.5/0.0	2.0/0.3	0.9/0.6	-0.1/0.9	-0.8/1.1	-2.0/1.4	-3.0/1.7	-3.2/--
BUF	-0.45	0.1/0.0	0.1/2.3	0.2/1.8	0.0/1.9	0.5/2.4	0.8/1.8	1.1/1.6	1.3/-0.4	0.8/-0.1	-0.6/0.1	-0.7/0.4	-1.4/0.7	-2.4/1.0	-3.4/1.3	-3.2/--
BUR	-1.22	0.1/0.0	0.3/0.6	0.4/1.0	0.1/-0.1	-0.5/0.4	-1.1/1.0	-1.1/0.7	-1.2/-1.6	-1.2/-1.3	-2.0/-1.1	-2.3/-0.8	-2.3/-0.5	-2.2/-0.2	-2.4/0.0	-2.7/--
BWI	-1.01	0.4/0.0	0.2/0.7	0.3/0.0	0.8/0.9	0.9/-0.4	1.1/-1.4	1.3/-1.1	0.8/-4.1	0.7/-3.8	-0.7/-3.6	-2.2/-3.3	-3.3/-3.1	-4.4/-2.8	-5.5/-2.5	-5.6/--
CAE	0.22	0.7/0.0	0.2/0.9	-0.1/1.2	0.2/0.2	0.3/1.4	0.5/0.5	0.6/0.3	1.6/-0.1	1.7/0.1	1.4/0.4	0.3/0.7	-0.2/0.9	-1.3/1.2	-1.4/1.4	-1.1/--
CHA	0.79	0.1/0.0	0.1/0.4	-0.4/0.5	-0.3/1.3	0.0/2.3	0.6/2.2	1.0/2.6	1.5/0.0	2.0/0.2	1.9/0.5	2.0/0.8	1.2/1.0	0.7/1.3	0.5/1.6	0.7/--
CLE	-1.36	-0.3/0.0	-0.0/0.3	-0.3/-0.1	-0.5/0.1	-0.3/-0.0	-0.0/-1.0	0.7/-0.8	1.0/-3.4	0.9/-3.1	-1.4/-2.8	-2.3/-2.5	-3.4/-2.3	-4.2/-2.0	-5.0/-1.7	-5.3/--
CLT	-0.84	0.5/0.0	0.1/0.9	-0.2/0.4	-0.5/0.3	-0.5/1.2	-0.5/-0.5	-0.5/0.2	0.1/1.5	0.3/1.7	-0.3/2.0	-1.1/2.3	-1.7/2.5	-2.6/2.8	-2.9/3.1	-2.6/--
CMH	-1.68	-0.2/0.0	-0.3/1.3	-0.6/1.8	-1.0/1.0	-0.8/0.8	-0.7/0.5	-0.2/1.5	-0.2/-2.0	-0.2/-1.7	-1.7/-1.5	-2.5/-1.2	-3.4/-0.9	-3.8/-0.6	-4.6/-0.3	-4.8/--
CON	-1.78	-0.1/0.0	-0.1/1.9	-0.4/1.2	-1.0/0.9	-0.8/1.4	-0.9/1.4	-0.6/0.4	-0.4/-0.7	-0.4/-0.4	-1.2/-0.2	-2.0/0.0	-3.3/0.2	-4.4/0.5	-5.4/0.7	-5.8/--
COS	-3.15	0.5/0.0	1.4/0.1	1.1/-0.1	0.0/-0.1	0.3/-0.1	-0.3/-0.7	-1.1/-0.1	-1.9/-2.7	-2.6/-2.3	-4.6/-1.9	-7.1/-1.5	-8.1/-1.2	-8.0/-0.8	-8.3/-0.4	-8.5/--
COU	-2.71	0.6/0.0	0.1/-0.5	-0.0/-0.3	0.3/-1.1	0.0/-0.5	-0.7/-0.2	-1.3/-1.0	-1.3/-5.3	-2.3/-4.9	-3.8/-4.6	-5.0/-4.2	-5.7/-3.8	-6.4/-3.5	-7.7/-3.1	-7.3/--
CQT	0.34	0.1/0.0	0.2/-0.8	0.4/-0.4	0.5/-1.1	0.7/-1.5	0.7/-0.6	0.6/-0.4	0.5/1.1	0.4/1.3	0.3/1.5	0.2/1.8	0.2/2.0	0.3/2.3	0.2/2.5	-0.2/--
CRP	2.21	0.2/0.0	0.6/3.8	0.6/4.7	0.4/5.0	0.4/4.6	1.3/5.1	2.7/4.7	3.8/3.0	3.4/3.3	3.4/3.6	3.6/3.9	3.7/4.2	3.2/4.5	2.9/4.7	2.8/--
CRW	0.00	0.6/0.0	0.5/2.1	0.4/2.7	-0.1/2.9	0.6/2.8	0.6/1.8	0.6/2.8	0.6/-0.6	0.9/-0.4	0.0/-0.2	0.1/0.0	-0.7/0.3	-1.2/0.5	-1.5/0.7	-1.4/--
CVG	-1.09	-0.3/0.0	-0.4/2.4	-0.8/2.4	-0.9/2.7	-0.6/2.1	-0.1/2.7	0.9/1.6	0.6/-0.1	0.6/0.2	-0.9/0.5	-1.7/0.8	-2.4/1.1	-2.8/1.4	-3.7/1.7	-3.9/--
DAY	-1.31	-0.1/0.0	0.1/1.6	-0.1/1.4	-0.1/1.8	-0.1/1.2	0.4/0.6	1.3/1.5	0.9/-1.0	0.5/-0.7	-1.7/-0.4	-2.7/-0.2	-3.5/0.1	-4.0/0.4	-5.0/0.7	-5.4/--
DBQ	-3.01	-0.4/0.0	-0.6/0.3	-0.7/0.6	-1.0/0.4	-0.7/0.5	-1.6/-0.6	-1.2/-0.9	-1.3/-4.0	-2.2/-3.6	-3.4/-3.1	-4.7/-2.7	-5.8/-2.3	-6.7/-1.8	-7.6/-1.4	-7.4/--
DCA	-0.76	-0.3/0.0	-0.1/0.6	0.6/0.0	0.9/-0.5	1.5/0.2	1.6/-1.1	1.9/-0.6	1.4/-2.8	1.1/-2.5	-0.5/-2.2	-1.9/-1.9	-3.1/-1.6	-4.2/-1.3	-5.2/-1.0	-5.3/--
DEC	-0.77	0.1/0.0	-0.3/0.9	0.0/0.8	0.8/0.8	1.4/0.2	2.1/1.7	2.2/1.9	2.8/-2.2	1.4/-1.9	-0.7/-1.5	-2.5/-1.2	-3.5/-0.9	-4.2/-0.5	-5.4/-0.2	-5.7/--
DEN	-5.02	-1.3/0.0	-1.4/-1.2	-2.1/-1.3	-3.1/-1.3	-3.6/-1.6	-3.8/-0.8	-3.6/-1.0	-4.2/-3.0	-4.9/-2.6	-5.9/-2.2	-7.6/-1.8	-8.1/-1.4	-8.4/-1.0	-8.5/-0.6	-8.8/--
DFW	-1.29	0.2/0.0	0.3/1.8	0.2/2.1	0.1/1.7	0.0/1.9	-0.0/2.0	0.2/1.5	0.1/-1.0	-0.2/-0.7	-1.8/-0.3	-2.7/0.1	-3.0/0.4	-3.7/0.8	-4.5/1.1	-4.4/--
DLH	-2.65	0.0/0.0	-0.3/-0.9	-0.7/-0.4	-0.6/-1.0	-0.7/-1.5	-0.6/-3.2	-1.3/-2.2	-0.7/-6.7	-2.3/-6.2	-3.2/-5.7	-4.6/-5.2	-5.3/-4.8	-6.1/-4.3	-6.7/-3.8	-6.8/--
DSM	-2.99	0.3/0.0	-0.1/-0.2	-0.1/-0.6	-0.7/0.1	-1.1/-1.1	-1.5/-2.2	-1.0/-1.8	-1.3/-6.1	-2.4/-5.7	-3.8/-5.3	-5.1/-4.8	-6.2/-4.4	-6.8/-3.9	-7.6/-3.5	-7.4/--
DTW	-1.43	-0.2/0.0	-0.4/1.2	-0.2/1.9	-0.2/1.1	-0.2/0.6	0.2/0.1	0.2/0.7	0.5/-2.1	0.1/-1.8	-1.7/-1.5	-2.4/-1.3	-3.2/-1.0	-4.1/-0.7	-4.9/-0.4	-5.1/--
ELP	0.59	0.0/0.0	0.2/3.0	-0.2/3.6	-0.2/2.3	-0.2/3.1	0.1/0.7	1.2/0.5	1.1/0.8	1.1/1.2	1.1/1.5	1.1/1.9	0.9/2.3	1.0/2.7	0.9/3.1	0.8/--
ERI	-0.84	-0.2/0.0	0.2/2.0	0.5/0.9	-0.0/1.1	0.1/1.2	0.6/0.3	0.7/0.2	0.8/-1.0	0.8/-0.7	-0.5/-0.4	-1.5/-0.2	-2.4/0.1	-3.3/0.4	-4.0/0.7	-4.3/--
EUG	0.44	0.2/0.0	0.5/1.8	0.5/1.1	0.6/1.1	0.9/1.2	1.2/2.0	1.4/2.5	0.5/1.4	-0.2/1.5	-0.4/1.5	-0.1/1.6	0.0/1.7	-0.0/1.8	0.7/1.9	0.8/--
EVV	-0.50	0.4/0.0	0.1/1.9	-0.3/1.6	0.1/1.6	0.5/2.2	0.8/2.5	0.7/3.5	0.6/-1.4	0.5/-1.1	-0.1/-0.8	-1.2/-0.6	-1.7/-0.3	-2.1/-0.1	-2.8/0.2	-2.9/--
EWR	-1.49	-0.0/0.0	-0.1/0.9	-0.1/0.5	-0.0/-0.3	0.2/-0.7	0.0/-1.0	-0.0/-1.0	-0.7/-2.4	-0.6/-2.2	-1.7/-1.9	-2.2/-1.6	-3.1/-1.3	-3.9/-1.0	-4.9/-0.7	-5.0/--
FAR	-1.47	0.0/0.0	-0.1/0.3	0.1/-0.3	-0.0/-0.9	0.2/-1.5	0.0/-2.2	0.9/-1.8	0.1/-6.6	-0.2/-6.1	-1.7/-5.5	-2.8/-5.0	-3.7/-4.5	-4.7/-3.9	-5.0/-3.4	-5.2/--
FAT	1.18	-0.1/0.0	-0.1/1.0	-0.1/1.1	0.0/0.9	0.1/2.3	0.3/2.4	0.8/3.2	1.1/2.0	1.4/2.3	1.7/2.6	2.4/2.9	2.5/3.2	2.8/3.6	2.3/3.9	2.6/--
FLG	-2.24	-1.0/0.0	-1.0/1.1	-1.2/2.4	-1.7/0.2	-2.1/-0.3	-2.5/1.5	-2.4/1.3	-2.6/0.0	-2.3/0.3	-2.2/0.5	-2.8/0.8	-3.0/1.1	-2.6/1.4	-2.7/1.7	-3.2/--
FMY	0.71	0.0/0.0	-0.0/0.9	-0.1/0.5	-0.0/0.7	0.0/2.0	0.0/1.5	0.4/2.0	0.8/1.5	0.8/1.7	1.2/1.9	1.8/2.1	1.8/2.4	1.7/2.6	1.2/2.8	1.1/--
FSD	-1.46	0.4/0.0	-0.2/1.7	-0.3/2.2	-0.2/1.8	-0.2/0.5	-0.3/-0.4	1.0/-1.0	0.5/-5.7	0.1/-5.3	-1.4/-4.8	-2.8/-4.3	-3.4/-3.9	-4.5/-3.4	-5.1/-2.9	-5.3/--
FWA	-1.25	-0.3/0.0	-0.6/0.8	-0.4/1.9	-0.2/1.8	-0.2/1.2	0.4/0.4	0.4/0.9	1.3/-1.6	1.3/-1.3	-1.3/-1.0	-2.4/-0.7	-3.1/-0.4	-3.9/-0.2	-4.6/0.1	-5.0/--

GAD	3.84	2.0/0.0	0.9/0.9	-1.0/0.6	-1.3/3.0	-1.0/5.3	0.7/5.4	3.4/8.0	5.9/8.3	7.8/8.6	7.5/8.9	7.8/9.1	7.5/9.4	6.3/9.7	5.6/10.0	5.5/--
GEG	-3.14	-0.8/0.0	-0.8/-0.2	-1.5/-0.5	-2.3/-0.9	-2.7/-1.4	-3.0/-1.1	-3.0/-0.5	-3.3/-0.2	-4.3/0.0	-4.4/0.2	-4.0/0.5	-4.4/0.7	-4.4/0.9	-4.4/1.1	-3.8/--
GTF	-2.71	0.6/0.0	0.4/-1.2	0.1/-1.4	-0.1/-2.0	-0.8/-1.1	-1.1/-2.0	-1.9/-0.2	-2.7/-4.0	-3.7/-3.6	-5.0/-3.2	-5.0/-2.9	-4.7/-2.5	-5.1/-2.2	-5.6/-1.8	-6.0/--
HOU	2.11	-0.5/0.0	-0.5/1.9	0.2/2.6	-0.1/2.4	-0.0/3.2	0.6/3.5	2.0/4.1	2.2/1.9	2.5/2.2	3.9/2.5	4.7/2.8	4.5/3.1	3.9/3.4	3.9/3.6	4.1/--
HSV	0.62	0.1/0.0	0.1/0.7	-0.6/0.8	-0.4/2.0	-0.2/2.9	0.5/3.7	1.0/3.3	1.3/0.8	1.9/1.1	1.7/1.3	1.9/1.6	1.0/1.9	0.4/2.1	0.1/2.4	0.4/--
IAH	0.57	-0.1/0.0	0.1/1.7	0.2/1.9	0.0/1.9	0.2/3.2	0.3/2.5	1.0/2.5	2.1/0.2	1.6/0.5	0.8/0.8	0.7/1.1	0.7/1.4	0.5/1.6	-0.0/1.9	0.4/--
ICT	-2.86	-0.2/0.0	-0.2/0.7	-0.0/0.3	-0.2/1.4	-0.7/-0.4	-1.2/-1.1	-0.3/-0.9	-1.5/-3.0	-2.3/-2.6	-3.6/-2.2	-5.3/-1.8	-6.2/-1.4	-6.7/-0.9	-7.2/-0.5	-7.3/--
ILG	-1.37	0.0/0.0	-0.4/0.1	-0.5/-0.1	0.0/0.8	-0.0/0.1	0.3/-1.3	0.3/-1.3	-0.2/-2.8	-0.3/-2.5	-1.1/-2.2	-2.0/-2.0	-3.0/-1.7	-4.0/-1.5	-4.8/-1.2	-4.9/--
IND	-0.74	0.4/0.0	0.1/1.1	-0.1/0.8	-0.0/1.0	0.3/0.3	0.8/1.0	1.6/1.8	1.6/-2.6	0.8/-2.3	-0.7/-2.0	-1.7/-1.7	-2.6/-1.4	-3.1/-1.1	-4.1/-0.8	-4.4/--
IPT	-0.62	0.6/0.0	0.7/0.6	1.0/-0.0	0.9/0.2	1.0/0.0	0.6/-1.5	0.6/-1.4	0.6/-2.8	0.9/-2.6	-0.4/-2.3	-1.4/-2.1	-2.4/-1.8	-3.3/-1.6	-4.3/-1.3	-4.6/--
JAN	1.24	0.4/0.0	0.3/1.4	0.5/2.4	0.3/1.8	0.6/3.5	0.4/4.5	1.3/5.6	2.2/2.0	2.8/2.2	2.6/2.4	1.9/2.7	1.5/3.0	1.6/3.2	1.1/3.5	1.2/--
JAX	1.70	0.2/0.0	0.8/1.4	0.8/1.3	0.5/1.0	0.9/2.6	1.0/3.0	1.7/3.2	1.6/1.6	1.5/1.9	3.3/2.1	3.4/2.4	3.1/2.7	2.7/3.0	2.1/3.3	1.9/--
JFK	-1.56	-0.6/0.0	-0.4/0.3	-0.1/0.1	0.2/-0.1	0.3/-0.9	0.1/-1.8	-0.1/-1.8	-0.7/-2.9	-0.9/-2.6	-1.6/-2.4	-2.5/-2.1	-3.2/-1.8	-3.9/-1.5	-4.8/-1.2	-5.1/--
LAN	-0.77	0.0/0.0	-0.0/2.2	0.2/3.1	0.8/1.8	0.7/1.1	1.4/1.7	1.2/2.3	1.8/-2.3	1.1/-2.0	-0.9/-1.7	-2.0/-1.4	-2.8/-1.2	-3.6/-0.9	-4.5/-0.6	-4.9/--
LAS	-0.73	-0.1/0.0	-0.1/-1.7	-0.1/-1.1	-0.2/-1.4	-0.6/-1.4	-0.6/-2.2	-0.4/-1.4	-0.4/-2.0	-0.2/-1.6	-0.5/-1.3	-1.3/-0.9	-1.6/-0.5	-1.4/-0.1	-1.6/0.3	-1.9/--
LAX	0.20	0.8/0.0	0.8/0.1	0.7/1.4	0.8/0.5	0.7/0.3	0.3/0.3	0.2/0.8	0.2/1.7	-0.1/1.9	-0.2/2.2	-0.4/2.4	-0.3/2.6	-0.1/2.8	-0.2/3.1	-0.3/--
LEX	-0.73	0.2/0.0	0.3/1.6	-0.3/2.1	-0.4/2.6	-0.3/2.7	-0.2/2.3	-0.0/2.6	-0.1/0.8	0.1/1.1	-0.6/1.4	-1.1/1.6	-1.7/1.9	-1.9/2.2	-2.5/2.5	-2.5/--
LFK	0.40	0.3/0.0	0.3/1.5	0.2/1.0	0.0/1.4	0.0/2.6	-0.0/2.7	0.2/2.4	1.0/0.7	1.1/0.9	0.7/1.2	0.8/1.5	0.7/1.8	0.4/2.1	0.1/2.4	0.2/--
LGA	-1.49	-0.1/0.0	-0.1/0.6	-0.0/-0.1	0.2/-0.1	0.1/-0.6	0.1/-1.0	0.0/-0.9	-0.6/-3.0	-0.8/-2.7	-2.0/-2.4	-2.4/-2.1	-3.2/-1.8	-3.9/-1.5	-4.9/-1.2	-4.9/--
LGB	-1.32	-0.5/0.0	-0.6/0.8	-0.2/1.1	-0.6/0.5	-0.7/0.3	-0.8/1.0	-0.6/0.6	-0.8/1.4	-1.1/1.6	-1.9/1.9	-2.3/2.2	-2.3/2.5	-2.5/2.7	-2.3/3.0	-2.6/--
LIT	0.38	0.5/0.0	0.1/1.5	0.1/1.8	0.7/1.4	1.2/1.6	1.6/1.5	2.4/1.0	2.9/-0.4	2.3/-0.1	1.1/0.2	-0.2/0.5	-0.8/0.8	-1.6/1.1	-2.4/1.4	-2.1/--
LNS	-0.83	1.0/0.0	0.7/-0.2	0.7/-0.8	1.2/-0.2	1.1/-1.0	1.3/-2.4	1.2/-2.0	0.4/-7.2	0.6/-6.9	-0.7/-6.6	-1.9/-6.4	-3.0/-6.1	-4.1/-5.8	-5.3/-5.6	-5.6/--
MAF	0.64	-0.1/0.0	0.3/6.5	0.2/7.1	0.5/6.7	0.5/5.1	0.1/5.9	1.4/5.8	1.6/3.6	1.9/4.0	1.6/4.4	0.8/4.8	0.8/5.2	0.3/5.6	-0.2/6.0	-0.1/--
MBA	-3.14	-0.6/0.0	-0.7/-0.1	-1.1/-1.3	-1.6/-1.0	-1.4/-1.4	-1.9/-1.3	-1.6/-2.0	-1.9/-3.1	-2.1/-2.8	-3.1/-2.6	-4.1/-2.3	-5.2/-2.1	-6.3/-1.8	-7.6/-1.6	-7.8/--
MCI	-3.84	-0.1/0.0	-0.6/0.5	-0.9/-0.4	-1.5/-1.1	-1.8/-1.0	-2.1/-0.8	-2.1/-1.5	-2.6/-4.4	-3.9/-4.0	-4.7/-3.6	-6.2/-3.2	-7.1/-2.8	-7.6/-2.4	-8.2/-1.9	-8.3/--
MCN	1.56	0.6/0.0	0.9/0.8	0.7/1.0	0.5/1.6	1.0/1.9	1.7/2.6	1.5/3.3	2.9/1.1	3.2/1.3	3.1/1.6	2.4/1.8	1.8/2.1	0.9/2.3	0.8/2.6	1.2/--
MCO	0.36	-0.1/0.0	-0.3/-0.1	-0.5/0.2	-0.4/-0.1	-0.2/0.8	0.0/1.4	0.4/0.8	0.7/0.4	0.7/0.6	0.9/0.8	1.4/1.0	1.3/1.2	0.9/1.5	0.5/1.7	0.2/--
MDT	-0.81	-0.0/0.0	-0.2/0.7	-0.0/-0.2	0.6/0.4	0.9/0.0	0.8/-1.4	0.5/-1.0	0.1/-1.8	-0.1/-1.5	-0.4/-1.2	-1.4/-1.0	-2.2/-0.7	-3.1/-0.5	-3.8/-0.2	-3.9/--
MEM	0.87	0.6/0.0	0.8/2.0	0.7/2.4	1.1/2.2	1.2/2.2	2.0/3.2	2.4/3.0	2.5/-0.5	3.0/-0.2	1.1/0.1	0.6/0.4	-0.1/0.7	-0.5/1.0	-1.2/1.3	-1.3/--
MHT	-2.25	-0.3/0.0	-0.4/0.2	-0.4/-0.8	-0.9/-0.7	-0.7/-1.2	-1.1/-1.0	-0.9/-1.7	-1.1/-10.9	-1.4/-10.7	-2.0/-10.4	-3.0/-10.2	-4.0/-9.9	-5.0/-9.7	-6.2/-9.4	-6.4/--
MIA	1.80	0.6/0.0	0.7/0.6	1.0/0.8	1.3/0.9	1.7/1.5	1.6/1.3	1.6/1.3	2.0/0.0	2.1/0.2	2.3/0.3	2.7/0.5	2.7/0.6	2.5/0.8	2.1/1.0	2.0/--
MKE	-1.28	0.1/0.0	0.0/0.3	0.5/1.1	0.6/0.1	0.7/0.0	0.9/-0.8	0.7/-0.6	1.2/-4.3	0.2/-3.9	-1.7/-3.6	-2.9/-3.2	-3.8/-2.8	-4.4/-2.4	-5.4/-2.1	-5.8/--
MOB	2.66	-0.3/0.0	0.1/1.3	-0.5/1.9	-0.1/2.5	0.4/4.8	1.3/5.7	2.4/6.7	3.9/3.4	4.9/3.6	5.0/3.9	5.0/4.2	4.7/4.4	4.4/4.7	4.4/4.9	4.3/--
MSP	-2.26	0.0/0.0	-0.1/0.7	-0.2/0.9	-0.6/1.4	-1.3/0.3	-1.5/-2.1	-0.7/-0.7	-0.9/-6.2	-1.7/-5.7	-2.6/-5.2	-3.7/-4.8	-4.3/-4.3	-5.2/-3.8	-5.7/-3.4	-5.5/--
MSY	1.19	0.7/0.0	0.9/1.3	1.1/1.2	1.3/2.5	1.9/4.1	2.2/4.0	1.9/4.9	2.1/1.5	2.8/1.8	1.9/2.0	1.0/2.3	0.3/2.5	0.1/2.8	-0.3/3.1	0.0/--
MWL	-1.28	-0.1/0.0	0.0/2.2	0.0/3.0	-0.4/3.6	-0.5/3.3	-1.1/2.2	-1.2/2.9	-0.6/2.7	-0.8/3.1	-1.3/3.4	-1.9/3.8	-2.1/4.2	-2.7/4.5	-3.2/4.9	-3.3/--
NKX	-1.15	0.2/0.0	0.3/1.0	0.6/1.0	0.5/0.8	-0.2/0.6	-0.9/1.0	-1.0/0.5	-1.7/0.0	-1.8/0.0	-2.2/0.0	-2.2/0.0	-2.3/0.0	-2.4/0.0	-2.1/0.0	-2.1/--
NTU	-0.50	0.5/0.0	0.1/1.0	0.3/0.9	1.0/1.4	1.1/0.6	1.5/-1.1	1.6/-1.5	1.7/-1.0	1.3/-0.7	-0.6/-0.4	-1.5/-0.1	-2.6/0.2	-3.4/0.5	-4.3/0.9	-4.4/--
OAK	0.01	-0.2/0.0	0.3/0.8	0.2/1.0	0.3/1.2	0.5/1.4	0.6/1.3	1.0/2.5	1.0/7.1	1.1/7.3	-0.0/7.5	-0.5/7.7	-0.6/7.9	-1.1/8.1	-1.2/8.3	-1.3/--
OKC	-2.05	0.2/0.0	0.1/1.7	0.3/1.6	0.3/1.3	0.0/0.3	-0.3/0.1	0.4/-0.1	-0.4/-2.2	-1.0/-1.8	-2.9/-1.4	-4.3/-1.0	-4.8/-0.5	-5.7/-0.1	-6.4/0.3	-6.4/--
OMA	-2.08	0.6/0.0	0.5/1.3	0.7/1.8	-0.2/0.8	-0.6/-0.2	-0.6/-0.3	-0.1/-1.1	-0.6/-4.0	-0.9/-3.6	-2.8/-3.2	-4.1/-2.7	-5.0/-2.3	-5.5/-1.9	-6.3/-1.5	-6.4/--
ORD	-0.57	0.1/0.0	0.1/1.5	0.3/1.0	0.8/1.1	1.1/0.1	1.8/-0.4	1.9/0.5	1.9/-3.6	1.2/-3.3	-0.6/-2.9	-2.0/-2.6	-2.8/-2.3	-3.3/-1.9	-4.4/-1.6	-4.6/--
ORH	-2.07	0.6/0.0	0.9/1.7	0.2/0.6	-0.2/-0.1	-0.4/-1.1	-0.8/-1.4	-0.3/-1.4	-0.6/-3.9	-1.0/-3.6	-2.2/-3.4	-3.2/-3.1	-4.4/-2.8	-5.6/-2.5	-6.8/-2.2	-7.3/--
PDT	-3.16	-0.1/0.0	-0.3/0.9	-0.9/1.3	-1.8/1.3	-2.0/0.6	-2.0/1.6	-1.8/2.1	-2.3/2.9	-3.1/3.2	-4.8/3.4	-5.1/3.6	-5.4/3.8	-5.5/4.0	-5.9/4.3	-6.2/--
PDX	-0.07	2.6/0.0	0.6/-0.3	0.5/-0.5	0.3/-0.6	-0.1/-0.2	0.2/-0.3	0.3/0.6	0.0/-0.6	-0.6/-0.4	-1.1/-0.3	-0.8/-0.1	-1.1/0.1	-0.9/0.2	-0.7/0.4	-0.4/--
PHL	-1.04	-0.1/0.0	-0.3/1.2	-0.0/0.5	0.4/0.7	0.7/0.2	1.0/-1.0	1.0/-0.9	0.5/-2.1	0.4/-1.8	-0.7/-1.5	-1.9/-1.3	-3.0/-1.0	-3.9/-0.7	-4.8/-0.4	-5.1/--
PHX	-1.49	-0.7/0.0	-0.8/-0.1	-1.0/-0.5	-1.2/-1.0	-1.5/-1.0	-1.0/-0.5	-1.3/-1.5	-1.7/-2.2	-2.1/-1.8	-2.1/-1.4	-2.1/-1.0	-1.9/-0.6	-1.6/-0.2	-1.6/0.3	-1.7/--
PIR	-0.50	1.2/0.0	1.3/2.3	1.3/2.2	1.4/2.4	1.4/0.5	1.7/0.0	2.0/-0.4	1.1/-1.5	0.9/-1.0	-1.8/-0.6	-2.6/-0.1	-3.0/0.4	-3.9/0.8	-4.2/1.3	-4.4/--
PIT	-1.98	-0.7/0.0	-0.8/0.4	-1.1/0.3	-1.2/0.2	-1.0/-0.1	-0.8/-1.1	-0.6/-1.3	-0.7/-2.5	-0.5/-2.2	-2.0/-2.0	-2.7/-1.7	-3.4/-1.5	-4.2/-1.2	-5.0/-1.0	-5.0/--
PVD	-3.09	-0.4/0.0	-0.6/-0.2	-1.0/-1.5	-1.4/-1.3	-1.1/-1.9	-1.5/-2.1	-1.5/-2.8	-2.1/-4.6	-2.3/-4.3	-3.6/-4.0	-4.5/-3.8	-5.2/-3.6	-6.2/-3.3	-7.2/-3.1	-7.5/--
PWM	-1.30	0.4/0.0	0.5/1.6	0.4/0.9	-0.3/1.0	-0.0/0.8	-0.2/0.6	0.0/0.1	0.0/-2.3	-0.3/-2.0	-0.9/-1.8	-1.9/-1.5	-3.0/-1.3	-3.8/-1.0	-5.0/-0.8	-5.3/--
RAL	0.64	0.3/0.0	0.5/5.3	0.9/4.1	1.1/4.7	1.3/5.9	0.8/5.6	0.6/5.4	0.6/8.8	0.5/9.1	0.2/9.4	0.3/9.7	0.5/9.9	0.6/10.2	0.6/10.5	0.6/--
RAP	-1.08	1.0/0.0	1.1/3.3	1.3/2.5	1.6/3.2	1.5/1.1	1.0/0.3	0.5/0.5	0.1/-0.5	-0.5/-0.1	-2.4/0.3	-3.4/0.7	-3.8/1.2	-4.9/1.6	-4.5/2.0	-5.0/--
RBL	0.91	-0.1/0.0	-0.0/-0.3	-0.1/-0.7	-0.0/-0.5	-0.2/-0.5	0.4/-0.4	0.9/1.0	1.3/2.8	1.2/3.1	1.4/3.4	1.7/3.7	1.8/4.0	1.7/4.3	1.9/4.5	1.8/--
RDD	0.91	-1.4/0.0	-1.2/1.4	-1.2/1.3	-0.8/1.7	-0.6/0.4	0.1/1.5	1.0/2.8	1.9/2.3	1.6/2.5	1.8/2.8	2.2/3.1	2.4/3.3	2.5/3.6	2.7/3.8	2.6/--
RDU	-0.56	-0.0/0.0	-0.4/-0.1	-0.4/0.9	0.2/1.1	0.4/1.4	0.5/-0.8	0.5/-0.7	0.8/-1.8	0.8/-1.5	0.0/-1.3	-1.0/-1.0	-1.5/-0.8	-2.5/-0.5	-3.1/-0.3	-2.6/--
RIC	-0.99	0.3/0.0	-0.1/-0.3	-0.2/-1.0	0.2/-0.0	0.4/-0.3	0.5/-1.2	0.5/-1.0	0.3/-3.5	0.2/-3.2	-0.9/-3.0	-1.7/-2.7	-2.5/-2.5	-3.5/-2.2	-4.3/-2.0	-4.2/--
RNO	-1.26	-0.4/0.0	-0.4/-0.8	-0.5/-0.5	-0.5/-0.9	-0.7/-1.1	-0.9/-1.4	-0.7/-0.2	-0.4/-2.1	-0.8/-1.9	-2.1/-1.6	-2.1/-1.4	-2.1/-1.1	-2.4/-0.9	-2.2/-0.7	-2.6/--

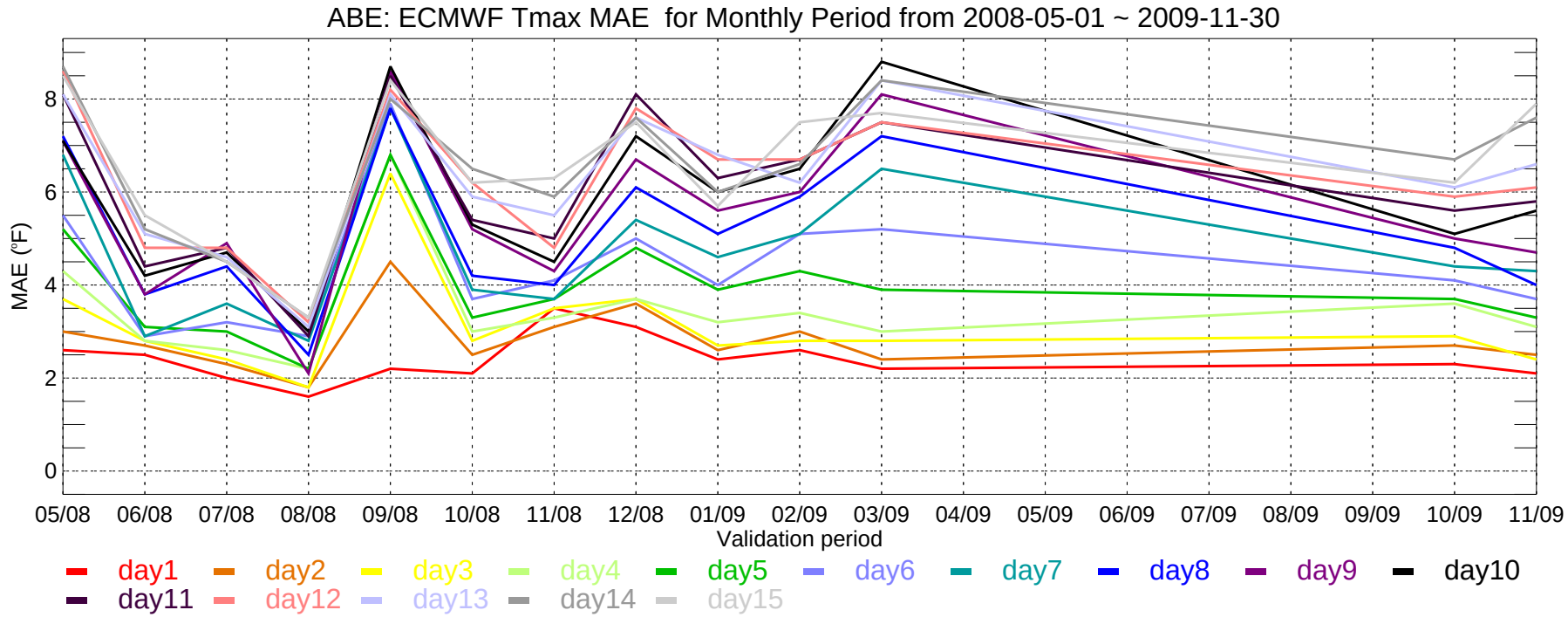
ROA	-1.16	-0.5/0.0	-0.8/-0.7	-0.6/-0.5	-0.5/-0.1	0.5/-0.4	0.4/-1.8	0.6/-0.9	0.5/-3.9	-0.1/-3.6	-0.7/-3.4	-1.7/-3.2	-2.7/-2.9	-3.5/-2.7	-4.3/-2.5	-4.0/--
ROC	1.24	0.6/0.0	1.1/5.4	1.4/5.4	1.4/5.2	1.6/5.2	2.1/4.2	2.6/4.7	2.8/2.5	2.9/2.8	2.2/3.1	1.7/3.4	0.3/3.6	-0.2/3.9	-1.0/4.2	-1.0/--
SAC	1.31	0.2/0.0	0.5/0.6	0.5/1.2	1.3/1.6	-6.9/1.6	0.2/1.8	1.7/2.5	1.7/4.1	2.2/4.3	2.4/4.6	2.7/4.9	3.1/5.1	3.3/5.4	3.4/5.7	3.4/--
SAN	-0.63	-0.3/0.0	-0.3/0.6	0.0/1.7	-0.1/0.9	-0.3/1.6	-0.3/1.2	-0.4/2.1	-0.6/2.3	-0.7/2.5	-0.9/2.8	-1.0/3.0	-1.1/3.3	-1.1/3.5	-1.1/3.8	-1.2/--
SAT	1.00	-0.3/0.0	-0.1/3.7	-0.1/4.6	-0.1/4.7	-0.3/4.8	0.4/4.8	1.7/4.4	2.8/1.8	2.1/2.2	2.2/2.5	1.5/2.9	1.7/3.2	1.4/3.6	1.0/3.9	1.3/--
SAV	0.10	0.6/0.0	0.5/0.7	0.1/0.5	0.2/0.9	0.4/1.0	1.2/1.2	0.8/1.6	1.7/-0.1	0.6/0.2	-0.0/0.5	0.3/0.8	-0.4/1.0	-1.6/1.3	-1.5/1.6	-1.2/--
SDF	-1.48	-0.1/0.0	-0.3/1.4	-1.0/1.6	-1.1/1.9	-0.9/1.5	-0.7/1.9	-0.5/2.0	-0.8/-0.3	-0.7/-0.1	-1.2/0.2	-2.0/0.5	-2.8/0.8	-3.0/1.1	-3.5/1.3	-3.6/--
SEA	-2.78	-0.6/0.0	-1.0/0.2	-1.4/0.0	-1.5/-0.8	-2.1/-0.6	-2.2/0.0	-2.3/0.1	-2.6/-0.3	-3.5/-0.1	-3.9/0.0	-4.2/0.2	-4.2/0.4	-4.2/0.6	-4.2/0.8	-3.9/--
SFO	0.71	0.1/0.0	0.1/-0.6	0.2/-0.3	0.3/-0.4	0.3/0.3	0.4/0.1	0.9/0.9	1.1/-0.2	1.4/0.0	1.4/0.2	1.0/0.4	1.2/0.5	0.9/0.7	0.8/0.9	0.6/--
SJC	0.97	0.4/0.0	0.8/2.5	0.8/1.5	1.0/2.2	1.2/2.6	1.3/2.8	1.7/3.1	1.7/3.4	2.1/3.6	1.3/3.9	0.8/4.1	0.7/4.3	0.3/4.5	0.3/4.8	0.2/--
SJT	2.00	0.3/0.0	1.2/7.1	1.6/6.5	1.8/7.1	2.0/6.0	1.4/6.6	2.4/6.5	3.7/3.4	3.6/3.8	3.0/4.2	2.3/4.6	2.4/4.9	1.7/5.3	1.2/5.7	1.2/--
SLC	0.62	0.4/0.0	0.3/0.7	0.7/0.1	0.7/-0.7	1.0/1.4	1.5/2.3	1.8/3.8	1.9/2.7	1.5/3.0	0.7/3.3	-0.1/3.7	-0.4/4.0	-0.2/4.4	-0.1/4.7	-0.2/--
SSI	1.43	0.4/0.0	0.6/1.3	0.3/1.3	0.2/1.6	0.4/2.1	0.9/2.6	1.2/2.9	1.4/1.8	0.9/2.1	2.5/2.3	3.2/2.6	2.8/2.9	2.4/3.2	2.2/3.4	2.2/--
STL	-1.65	0.3/0.0	-0.3/0.0	-0.6/-0.3	0.0/0.3	0.2/0.5	0.9/0.4	1.2/-0.1	0.9/-4.0	-0.2/-3.6	-2.0/-3.3	-3.5/-2.9	-4.3/-2.5	-5.0/-2.1	-6.2/-1.8	-6.2/--
SYR	0.60	0.2/0.0	1.3/3.9	1.6/3.2	1.3/3.2	1.8/2.5	1.4/2.2	1.8/2.2	1.6/0.5	1.9/0.8	1.2/1.0	0.3/1.3	-0.4/1.6	-1.3/1.8	-2.0/2.1	-1.9/--
TLH	3.47	0.5/0.0	0.8/1.1	1.0/1.7	1.0/2.7	1.6/3.4	2.7/4.6	3.4/5.2	4.9/3.5	5.1/3.7	5.7/4.0	6.0/4.2	5.4/4.5	5.0/4.8	4.6/5.0	4.5/--
TPA	1.19	0.0/0.0	-0.2/1.4	-0.2/1.4	-0.1/1.1	-0.1/1.8	0.1/2.0	0.7/2.3	1.4/1.9	1.5/2.1	2.1/2.3	2.7/2.5	2.7/2.7	2.7/3.0	2.3/3.2	2.2/--
TRM	0.02	-0.5/0.0	-0.1/-3.1	0.5/-1.0	0.3/-0.9	-0.2/-1.2	-0.4/-2.6	-0.2/-2.3	-0.4/2.8	-0.4/3.2	0.3/3.6	0.1/4.0	0.2/4.4	0.1/4.9	0.4/5.3	0.5/--
TUL	-2.01	0.2/0.0	0.5/1.9	0.5/2.0	0.3/1.8	0.5/0.1	0.5/0.6	0.1/0.7	-0.4/-2.3	-0.9/-1.9	-3.1/-1.6	-4.5/-1.2	-5.0/-0.8	-5.9/-0.4	-6.5/-0.0	-6.5/--
TUS	-2.71	-1.1/0.0	-1.4/-0.5	-1.5/-1.1	-1.8/-2.2	-2.4/-2.4	-2.1/-1.9	-2.3/-2.5	-2.7/-2.7	-3.4/-2.4	-3.3/-2.0	-3.9/-1.6	-4.0/-1.2	-3.5/-0.8	-3.5/-0.4	-3.9/--
TYR	-0.42	0.5/0.0	0.3/0.4	0.3/2.3	0.2/2.2	-0.1/2.6	-0.0/2.4	-0.2/1.6	0.6/2.0	-0.1/2.3	-0.7/2.5	-1.2/2.7	-1.1/3.0	-1.4/3.3	-1.8/3.5	-1.7/--
TYS	0.21	-0.3/0.0	-0.4/1.2	-0.6/1.5	-0.8/2.0	-0.3/2.9	-0.1/1.8	0.4/2.5	1.0/0.7	1.8/1.0	1.4/1.2	1.1/1.5	0.5/1.7	-0.1/2.0	-0.4/2.2	-0.2/--
VCT	1.82	0.4/0.0	0.6/2.2	0.8/4.1	0.6/4.2	0.7/4.7	1.0/4.5	2.3/4.4	3.1/3.6	2.8/3.9	2.7/4.2	2.7/4.5	2.8/4.8	2.4/5.1	2.2/5.4	2.4/--
WJF	1.86	-0.5/0.0	-0.7/3.0	0.1/3.2	0.9/1.2	0.9/1.8	2.3/2.7	2.7/4.5	2.5/5.0	2.6/5.4	2.9/5.7	2.2/6.1	2.7/6.5	2.9/6.8	3.2/7.2	3.0/--
YKM	-1.02	0.1/0.0	0.2/2.3	0.4/1.2	0.0/1.6	-0.2/0.0	-0.4/0.5	-0.6/1.5	-0.4/0.8	-1.6/1.0	-2.3/1.2	-1.8/1.4	-2.0/1.6	-2.2/1.8	-2.2/2.0	-2.2/--
YNG	-2.30	-0.5/0.0	-0.4/-0.1	-0.6/-0.1	-1.1/-0.6	-1.1/-0.7	-0.8/-1.2	-0.7/-0.1	-0.3/-3.3	-0.3/-3.1	-2.7/-2.8	-3.5/-2.6	-4.5/-2.4	-5.5/-2.1	-6.2/-1.8	-6.4/--
YQB	-0.42	0.5/0.0	0.4/0.0	0.6/0.0	0.4/0.0	1.0/0.0	0.9/0.0	0.5/0.0	0.9/-2.3	0.6/-1.9	0.4/-1.5	-0.7/-1.1	-1.8/-0.8	-2.5/-0.4	-3.5/-0.0	-4.0/--
YUL	-0.05	0.1/0.0	0.1/0.0	0.1/0.0	0.2/0.0	0.9/0.0	1.1/0.0	1.2/0.0	1.4/-1.6	1.0/-1.3	1.1/-0.9	-0.0/-0.6	-0.8/-0.2	-1.7/0.1	-2.5/0.5	-2.9/--
YVR	-1.92	-0.4/0.0	-0.4/0.0	-0.4/0.0	-0.2/0.0	-0.7/0.0	-1.0/0.0	-1.3/0.0	-1.5/-1.0	-2.1/-0.8	-2.3/-0.6	-3.6/-0.4	-3.8/-0.2	-3.8/0.0	-3.8/0.2	-3.7/--
YXD	-0.09	0.9/0.0	0.9/0.0	0.7/0.0	0.6/0.0	0.8/0.0	0.7/0.0	0.3/0.0	0.1/-0.5	-0.1/-0.0	-0.4/0.5	-0.4/1.0	-1.0/1.5	-1.2/2.0	-1.1/2.5	-1.8/--
YYC	-1.65	1.4/0.0	0.7/0.0	0.7/0.0	0.6/0.0	0.7/0.0	-0.1/0.0	-0.3/0.0	-1.1/-4.3	-2.0/-3.9	-3.1/-3.5	-3.7/-3.0	-4.6/-2.6	-4.5/-2.2	-4.6/-1.7	-4.8/--
YYZ	0.61	1.2/0.0	1.4/0.0	1.3/0.0	1.6/0.0	1.9/0.0	1.9/0.0	2.4/0.0	2.1/-2.2	1.7/-1.9	0.9/-1.6	0.2/-1.3	-0.8/-1.0	-1.7/-0.8	-2.4/-0.5	-2.5/--

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

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

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

avg_bias: average of ECMWF-value


ABE: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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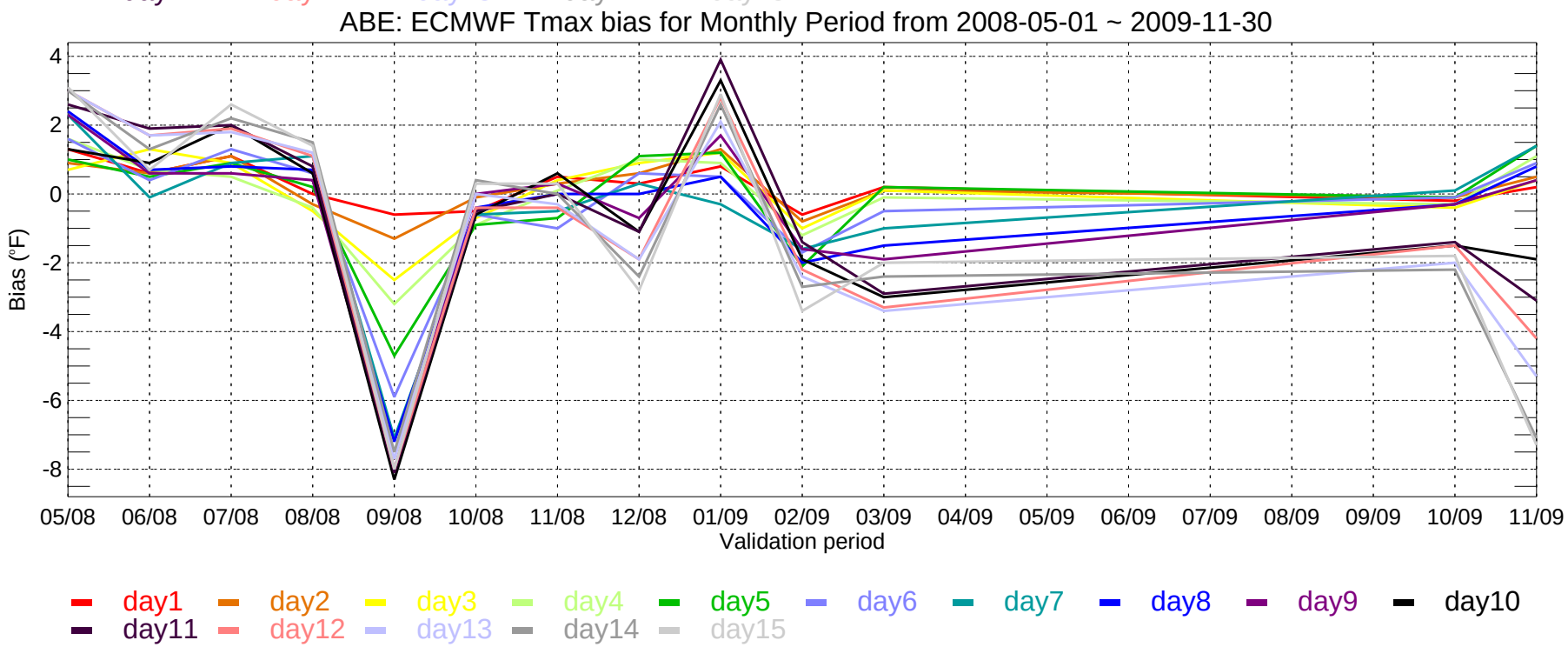
day15


ABE: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
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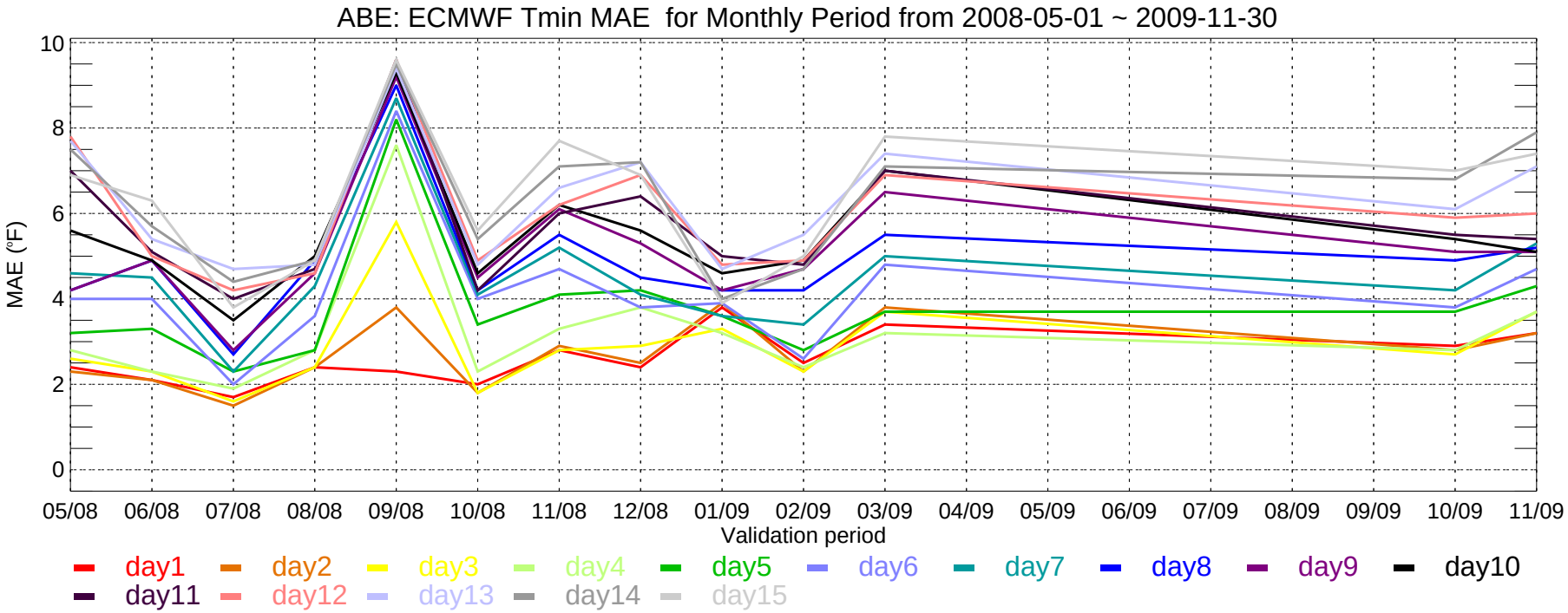
day15


ABE: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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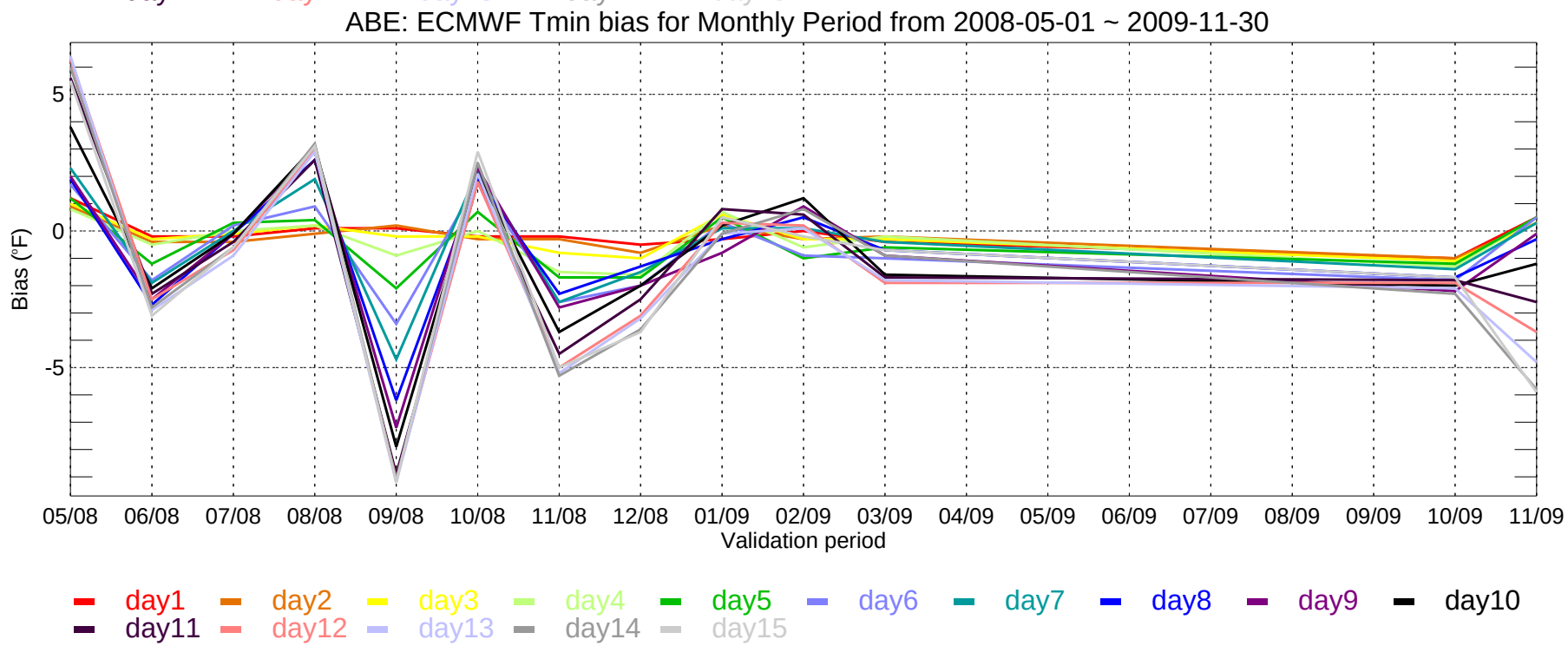
day15


ABE: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
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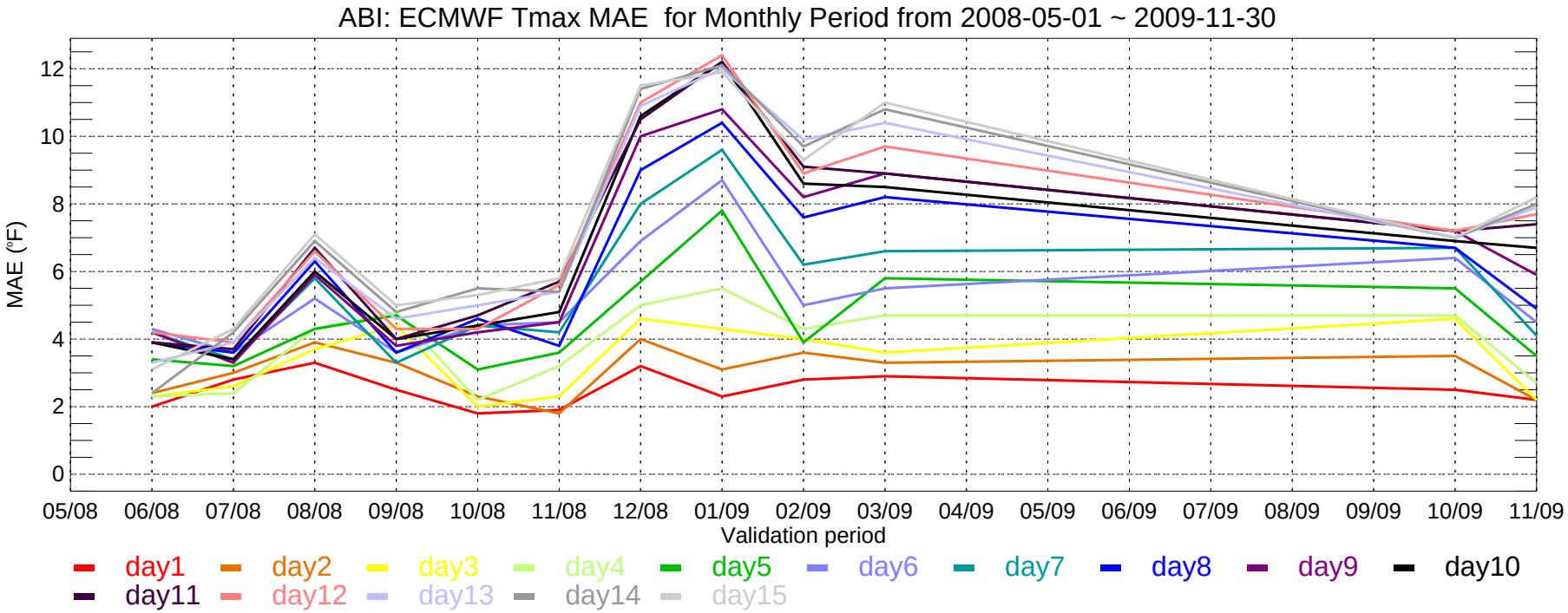
day15


ABI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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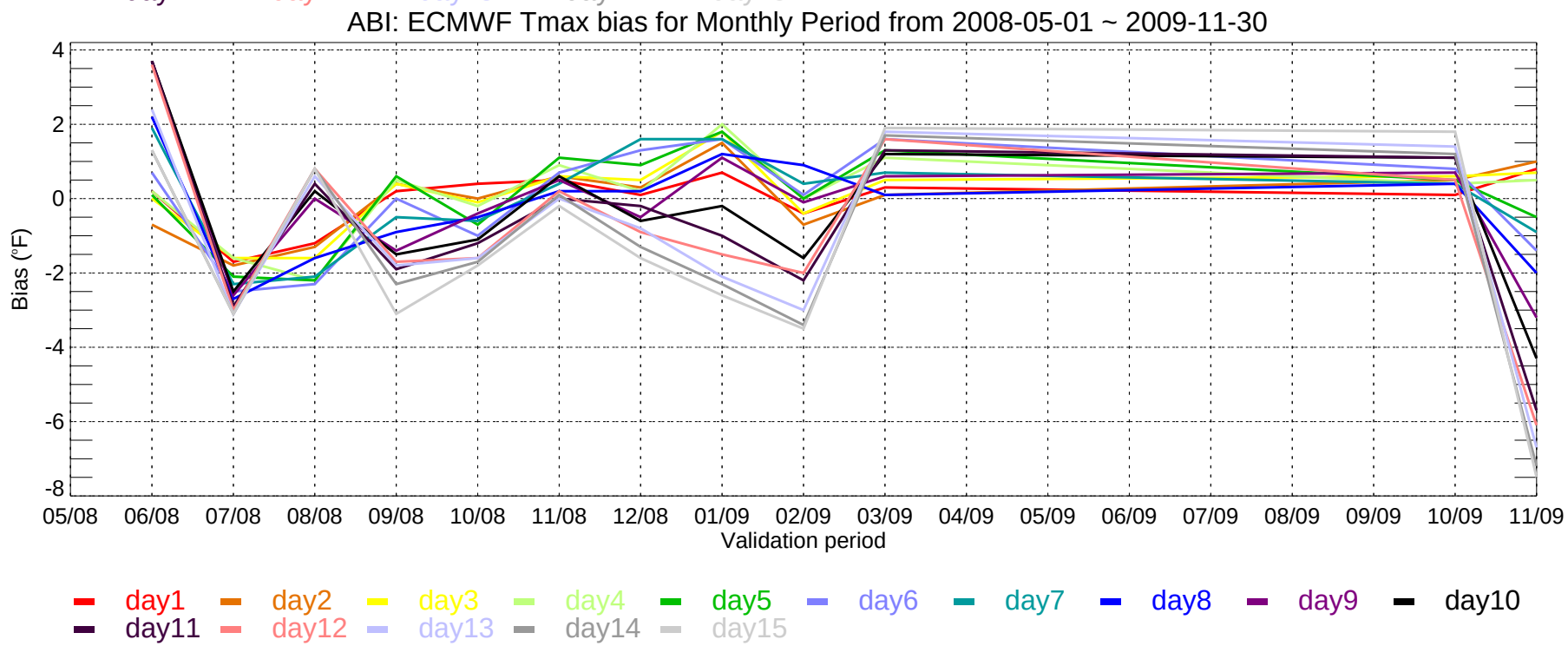
day15


ABI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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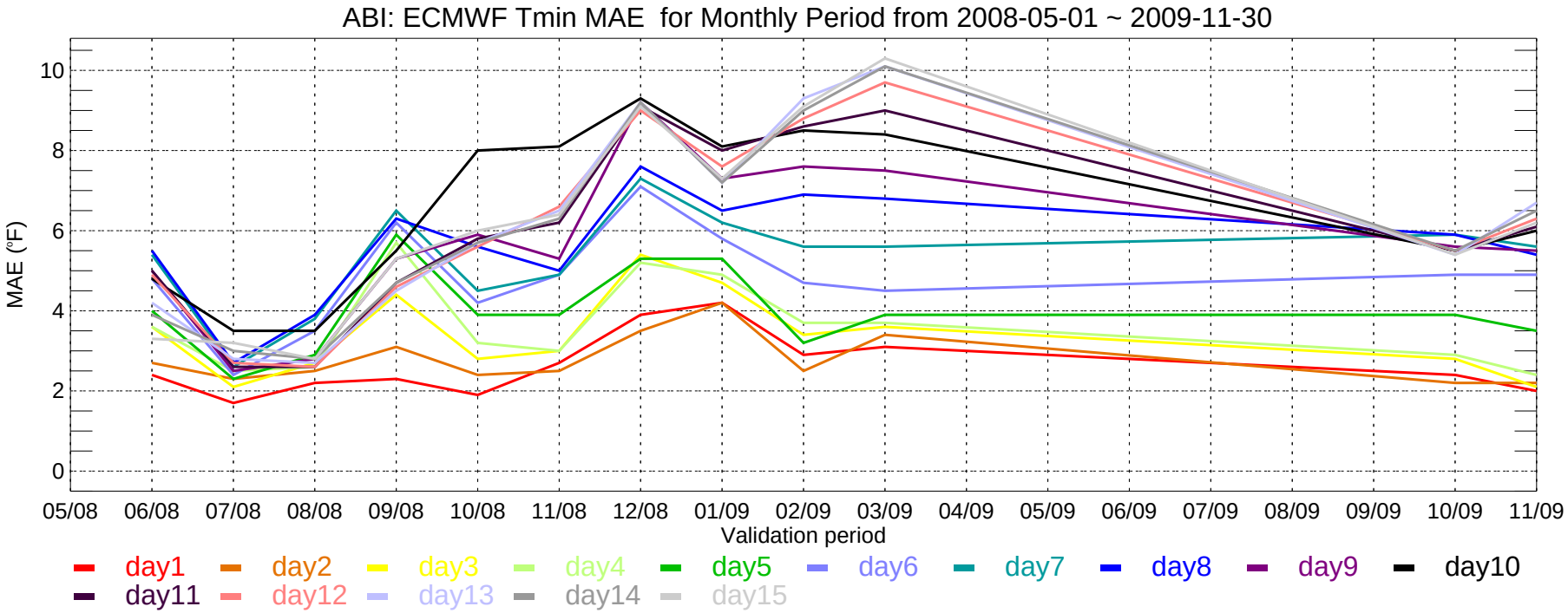
day15


ABI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
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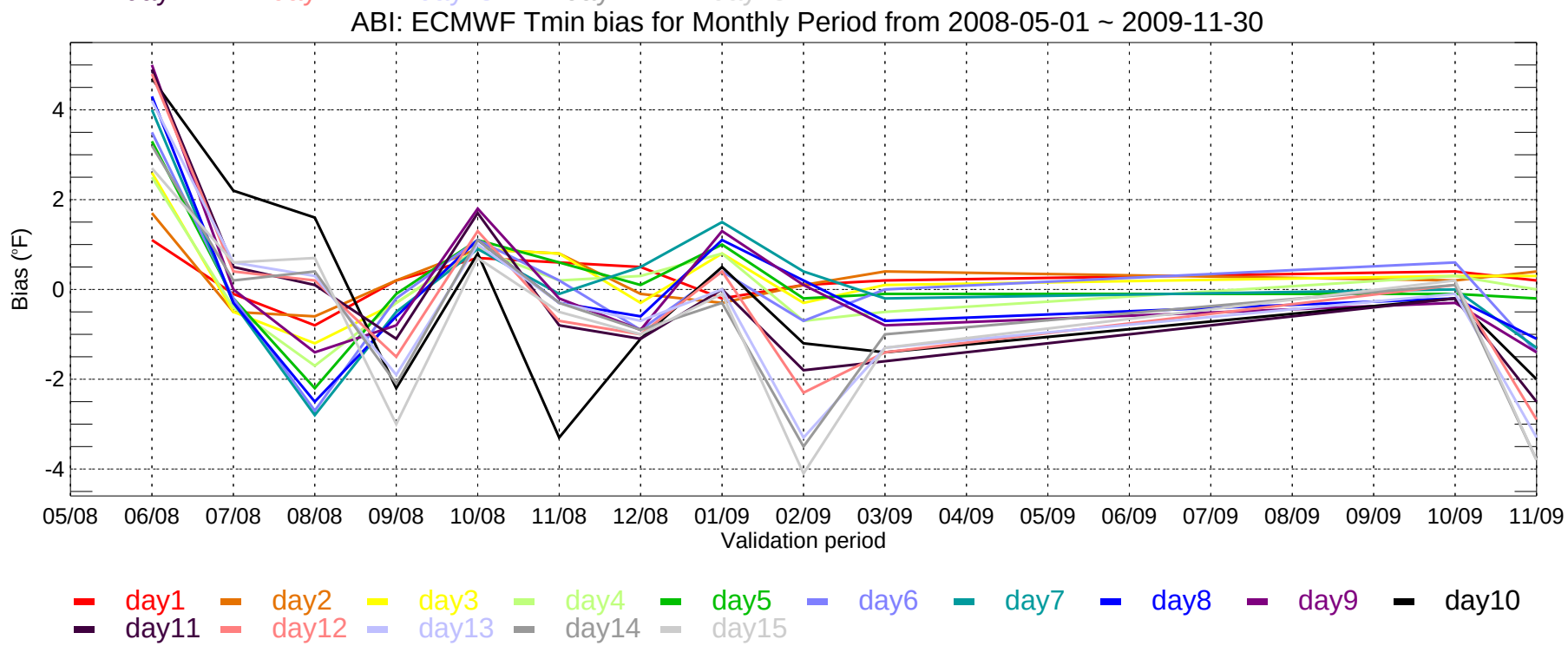
day14
day15


ABI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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08/09
09/09
10/09
11/09
Validation period
day1
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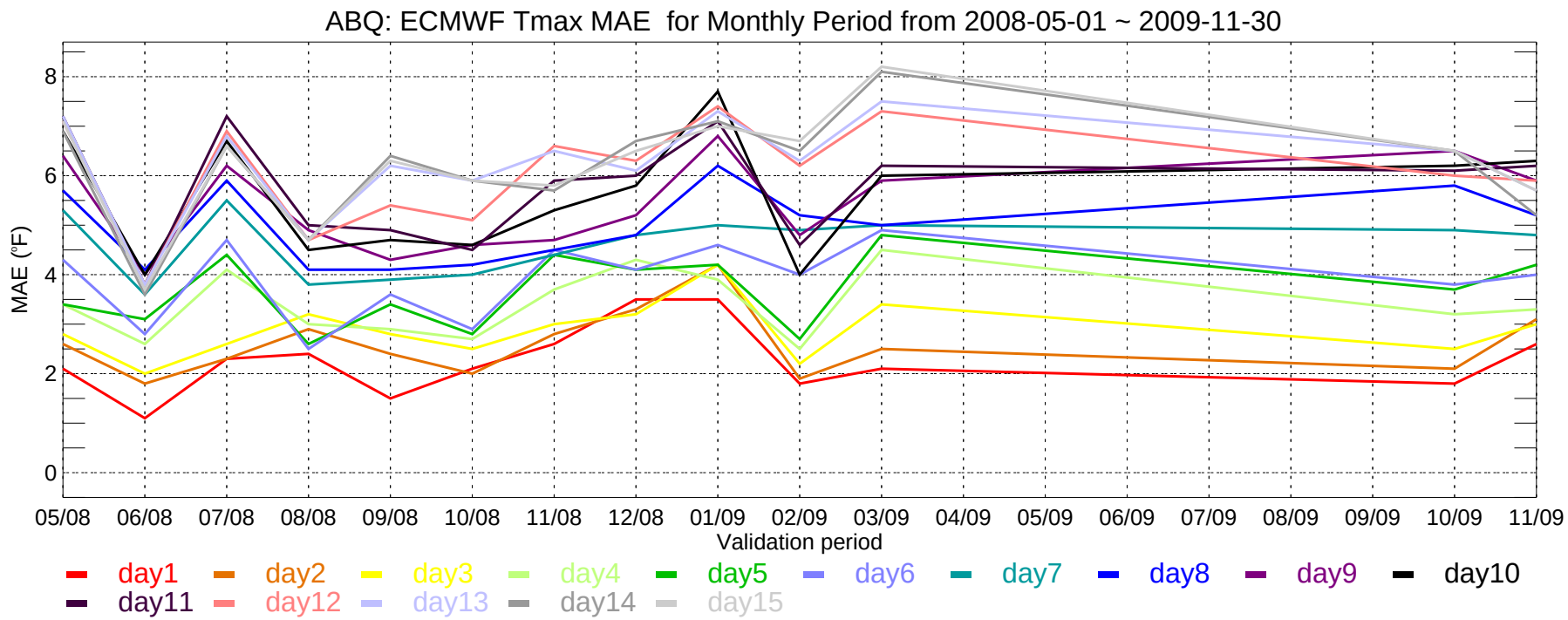
ABQ: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
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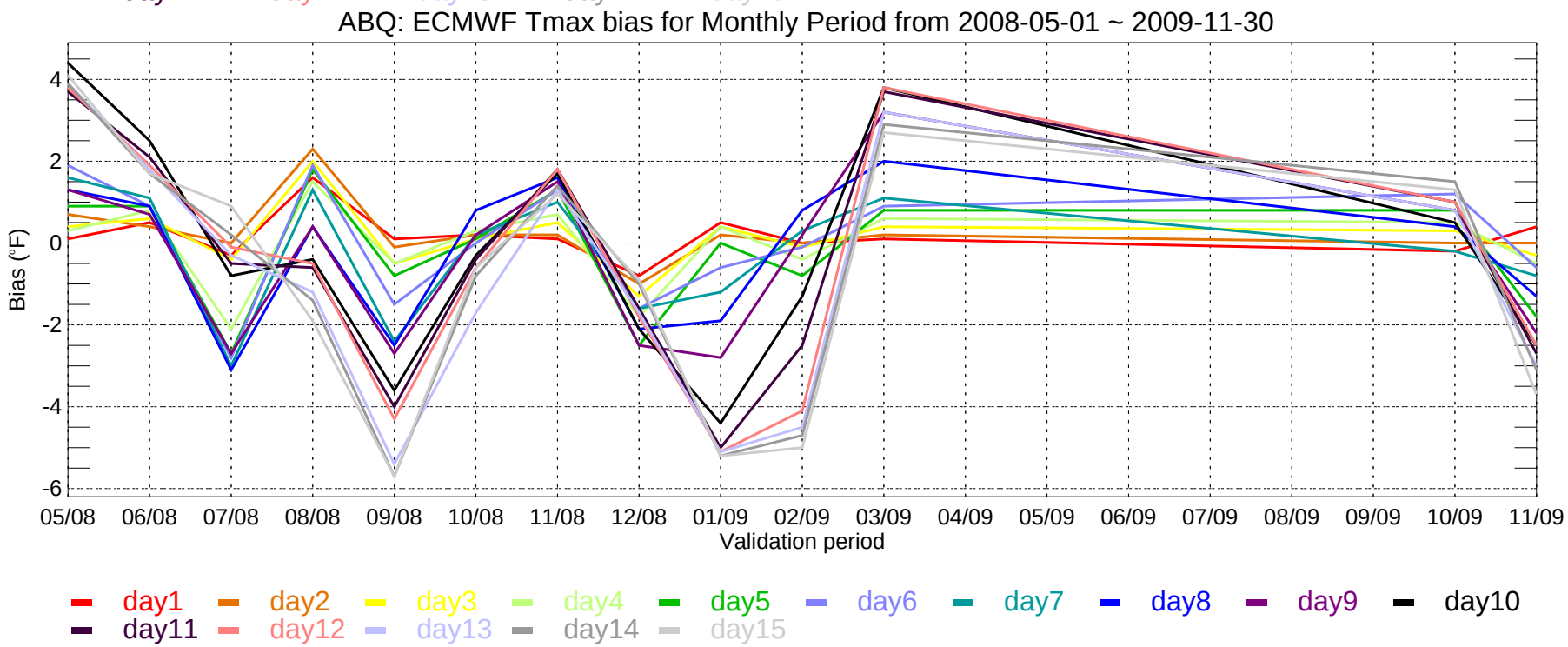
day14
day15


ABQ: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
11/09
Validation period
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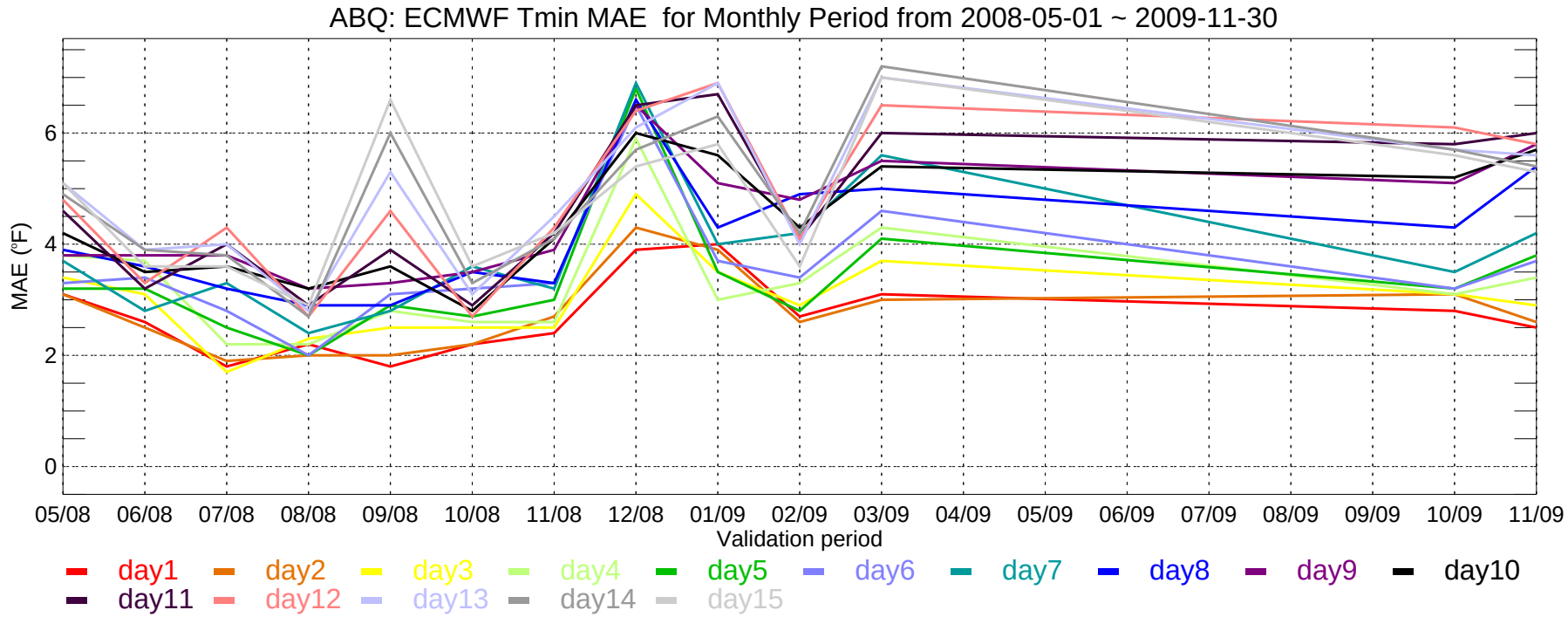
ABQ: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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11/09
Validation period
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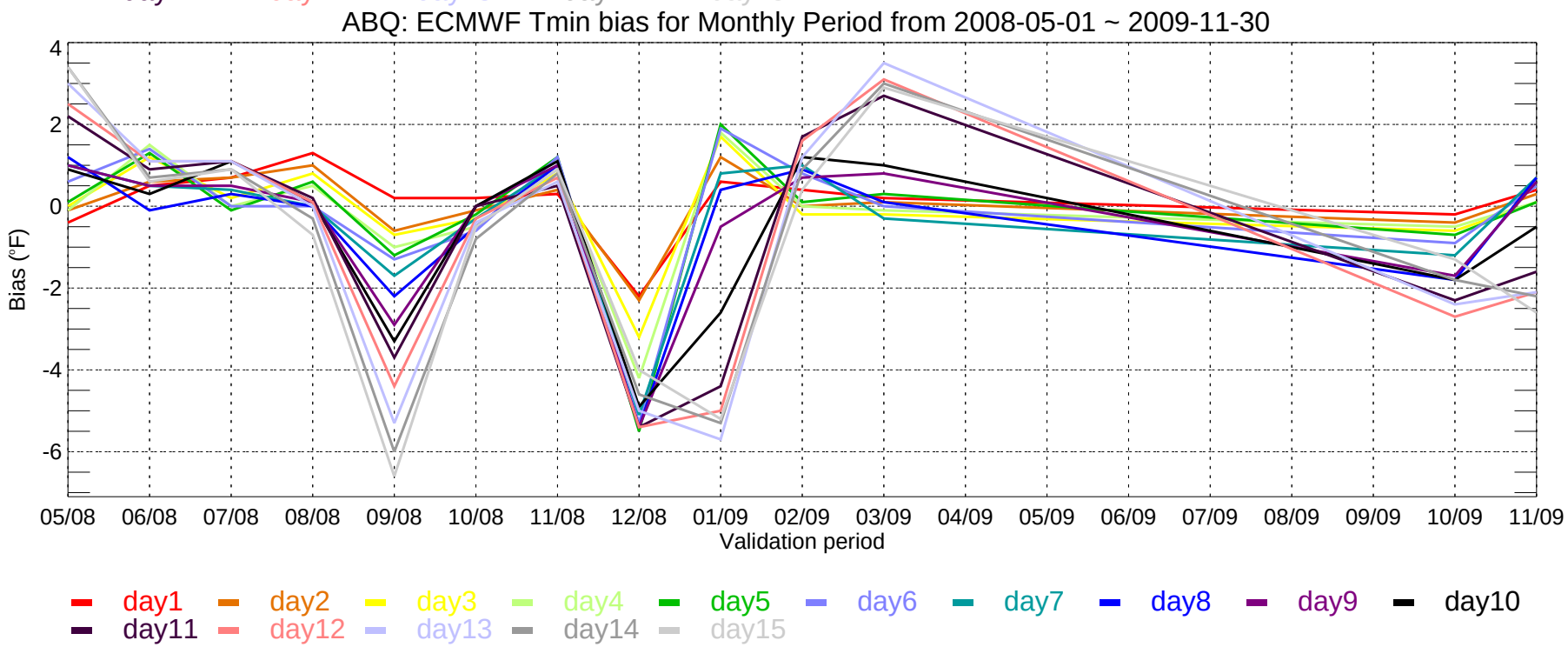
day15


ABQ: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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11/09
Validation period
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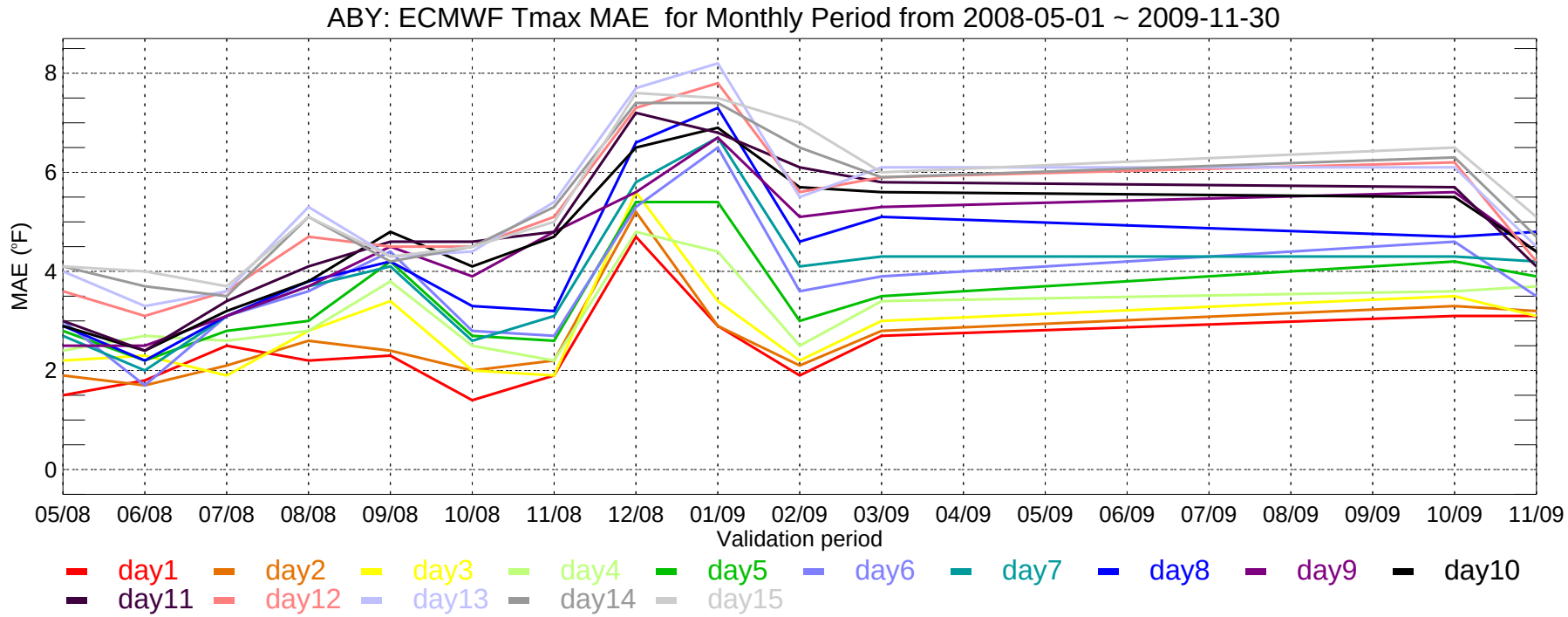
ABY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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08/09
09/09
10/09
11/09
Validation period
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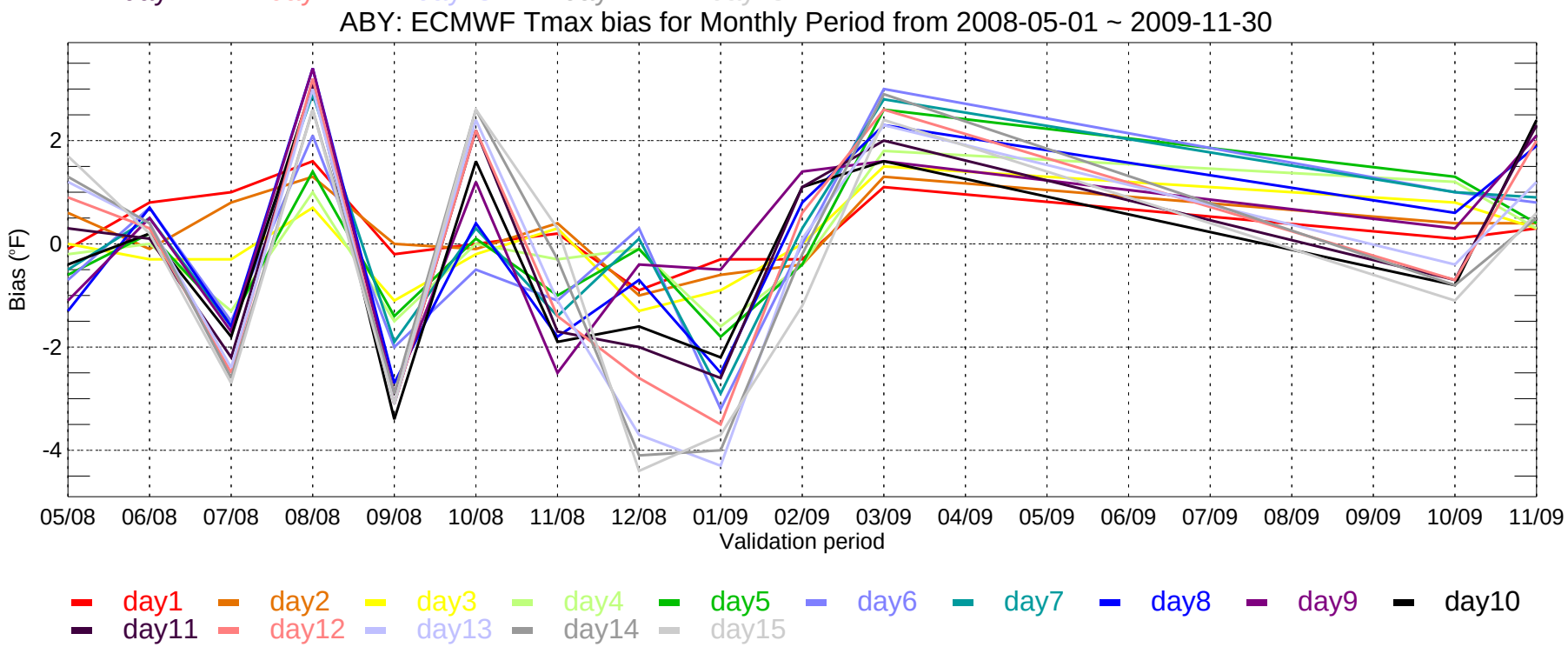
day15


ABY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
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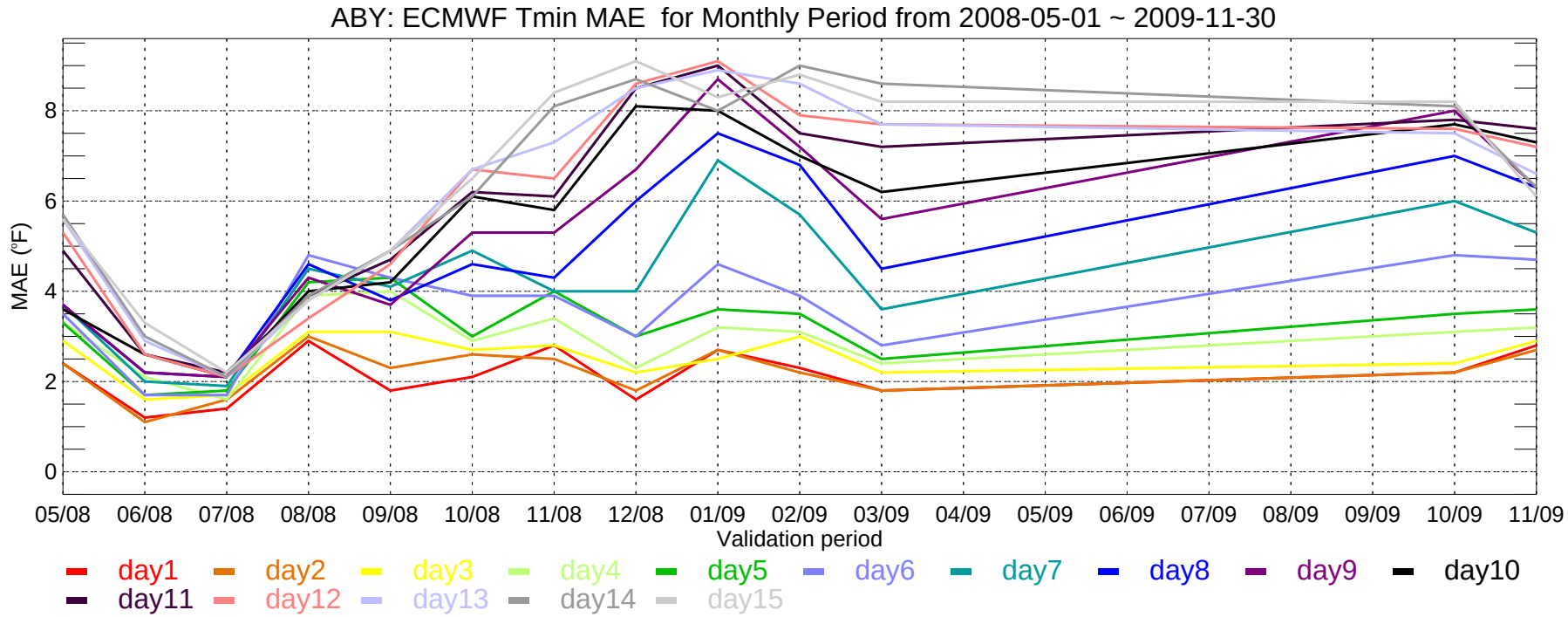
day15


ABY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
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Validation period
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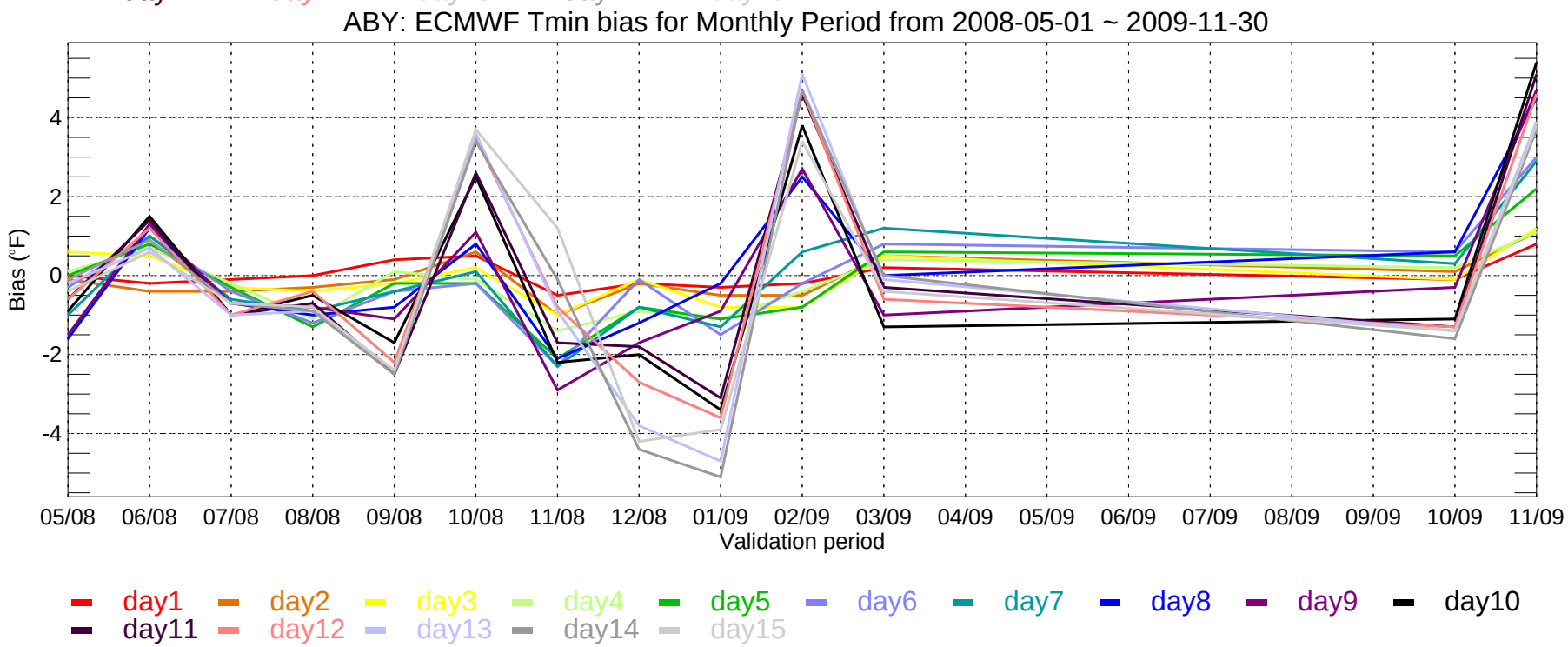
ABY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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Validation period
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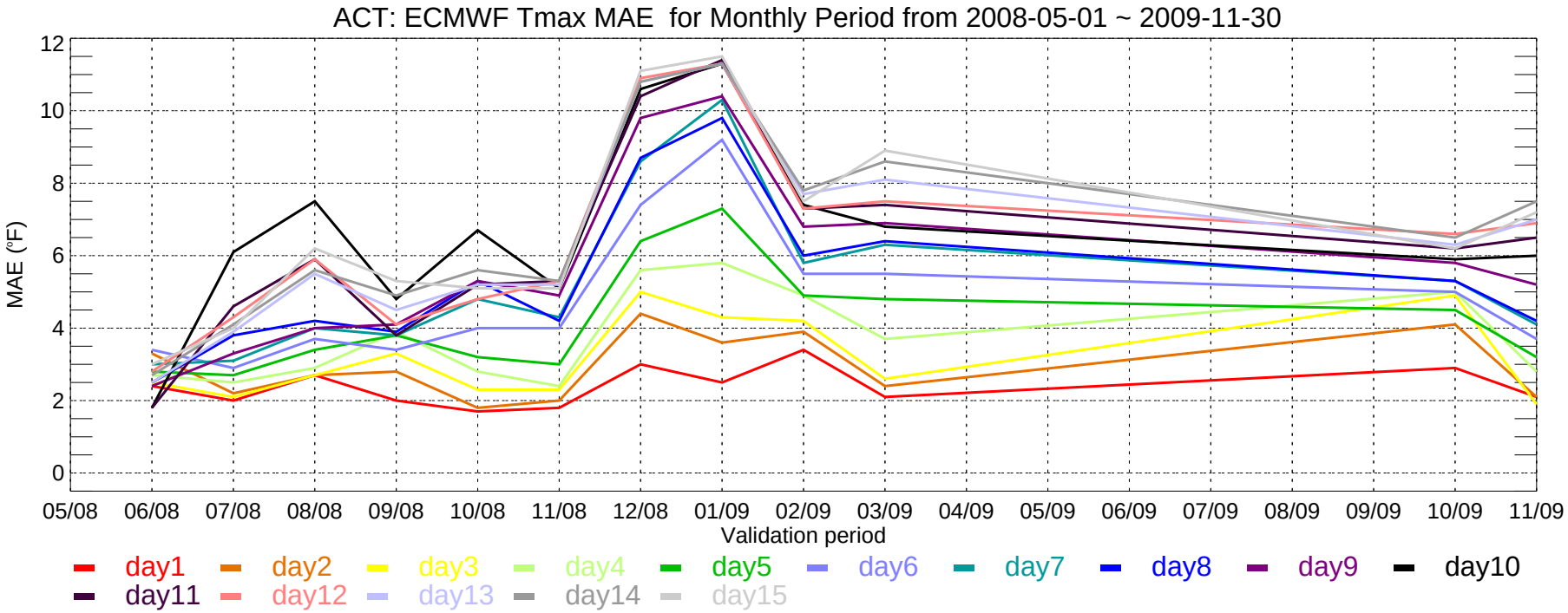
ACT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
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11/09
Validation period
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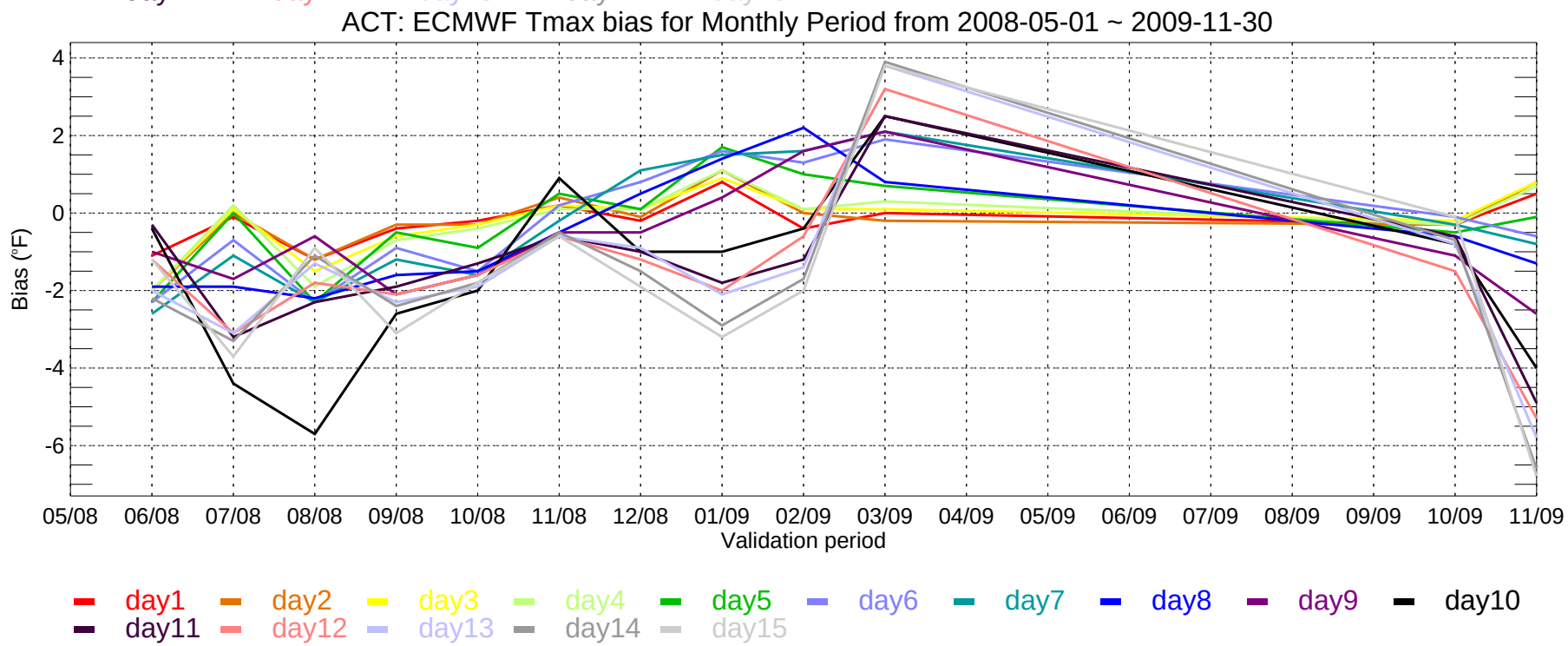
ACT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
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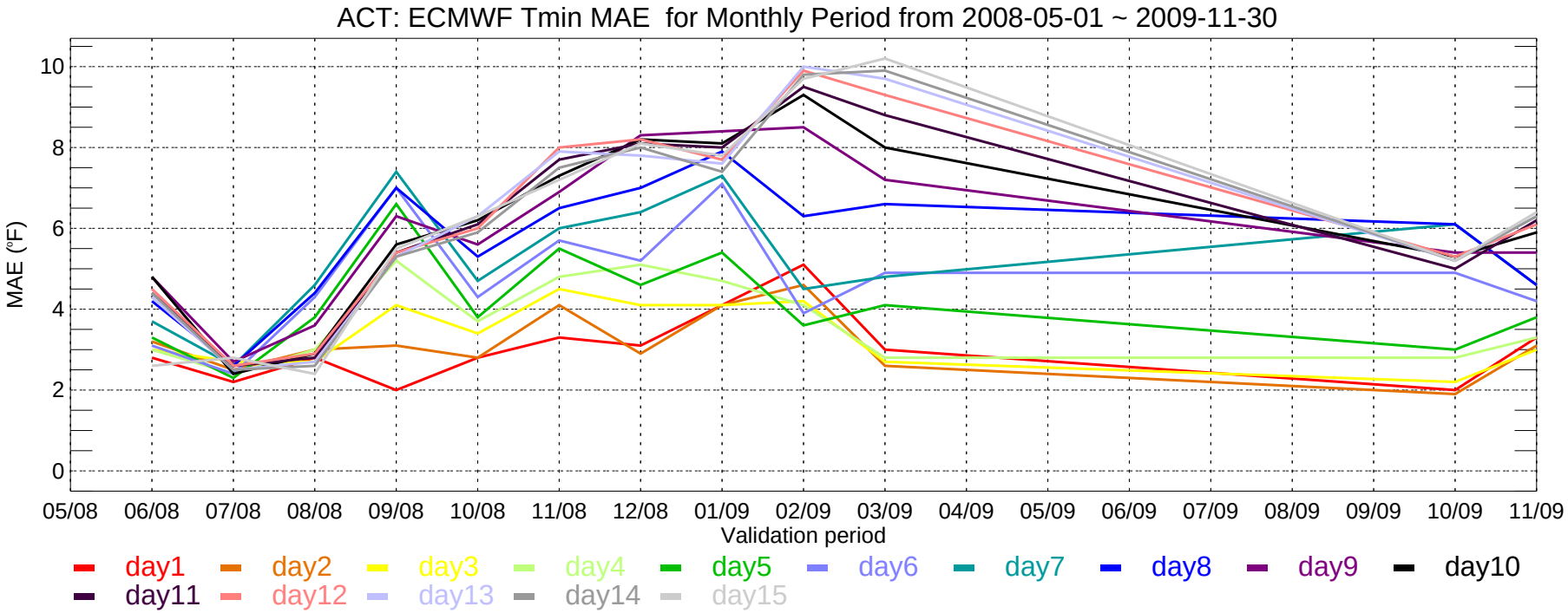
day15


ACT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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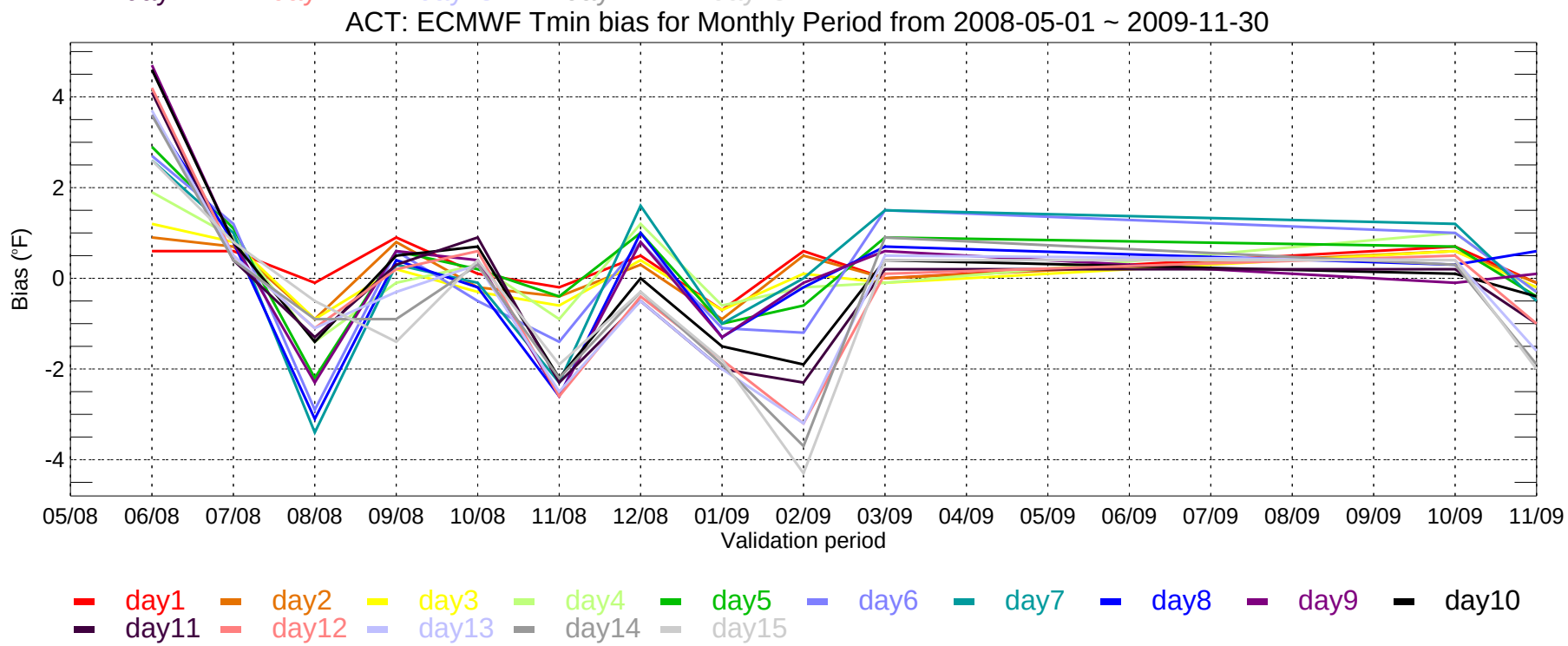
day15


ACT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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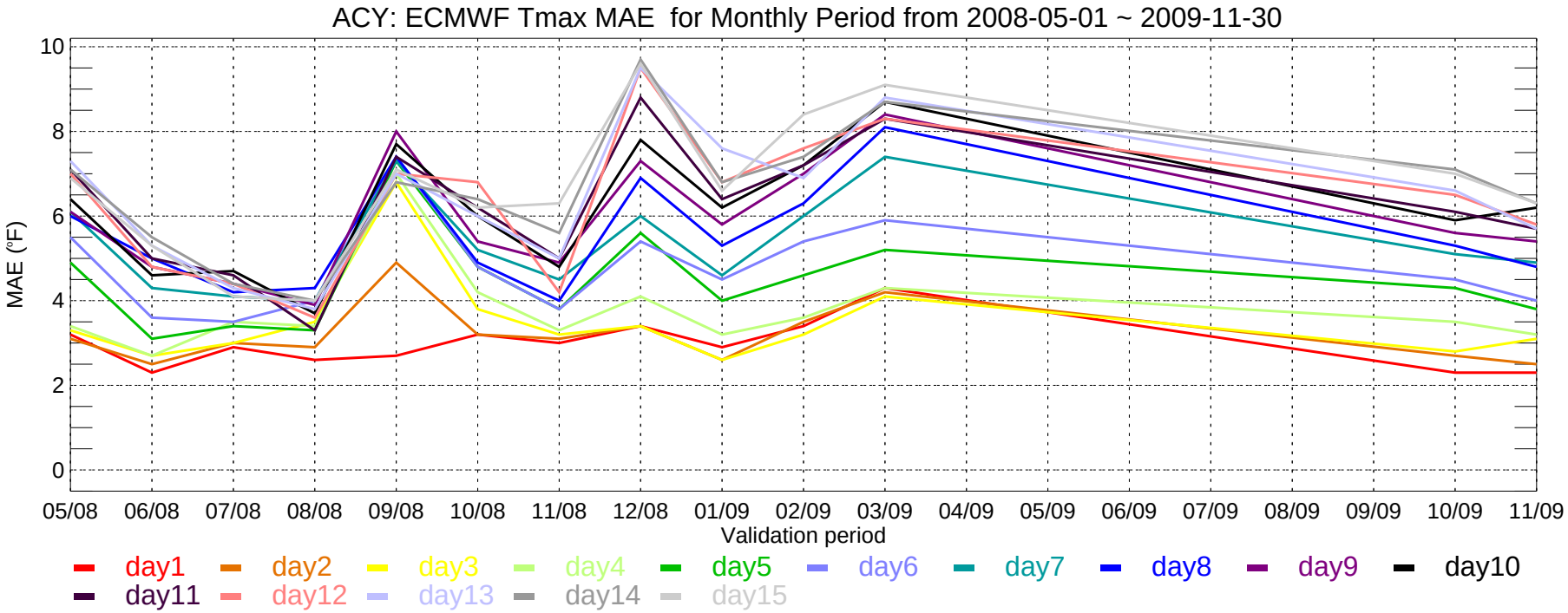
day15


ACY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
day4
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day6
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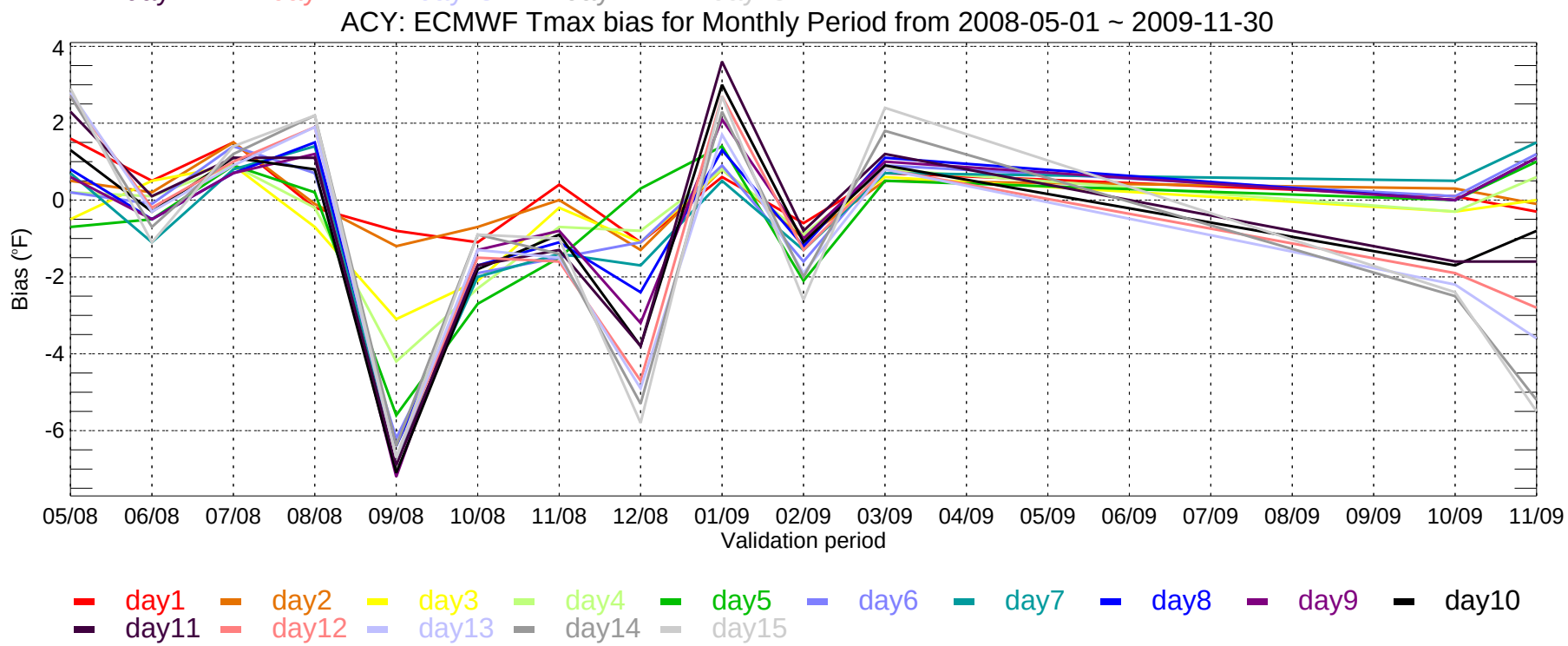
day15


ACY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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04/09
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10/09
11/09
Validation period
day1
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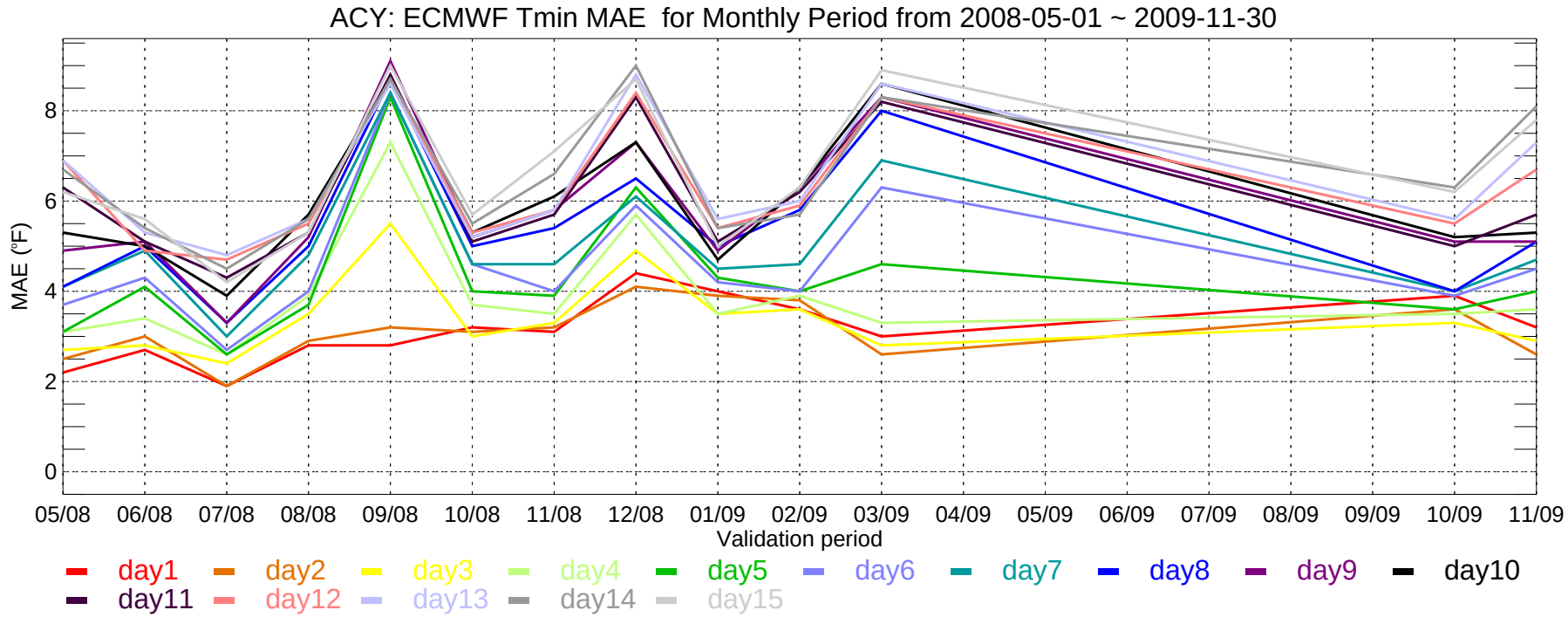
day15


ACY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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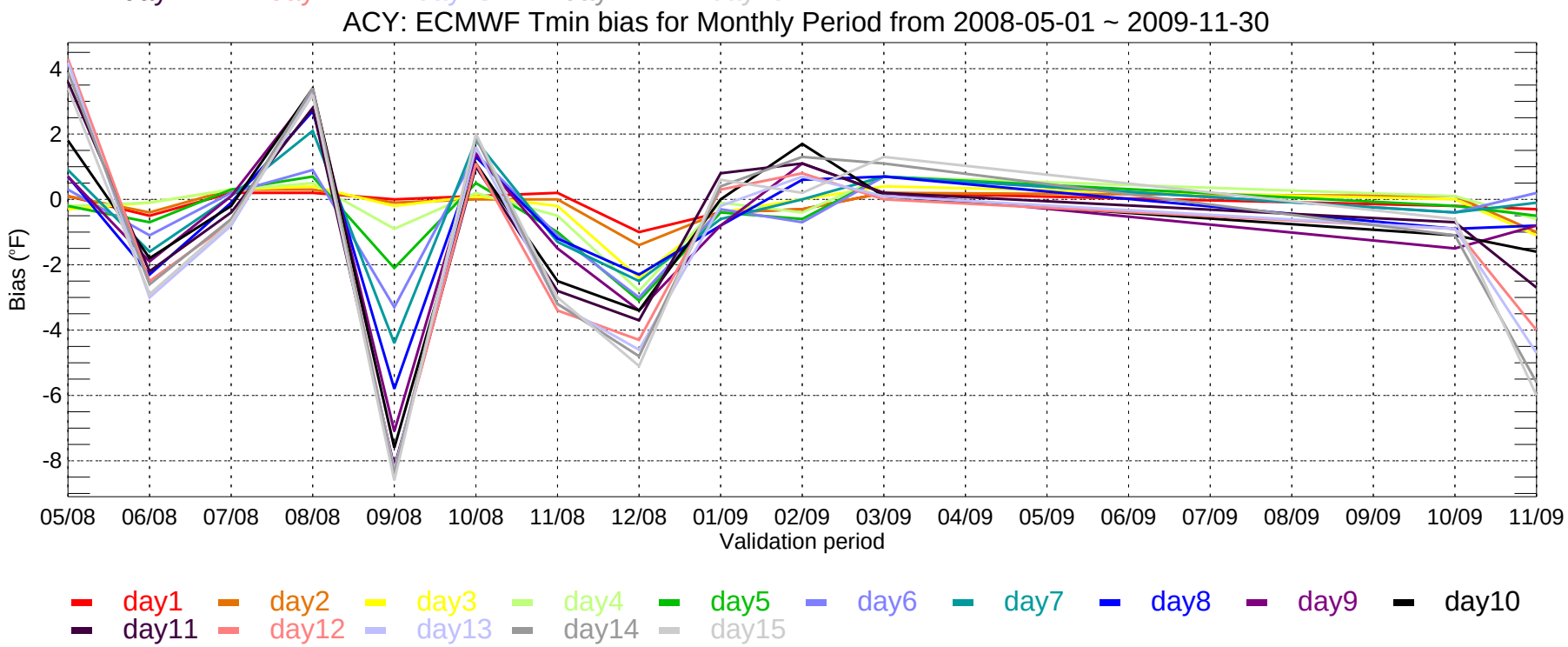
day14
day15


ACY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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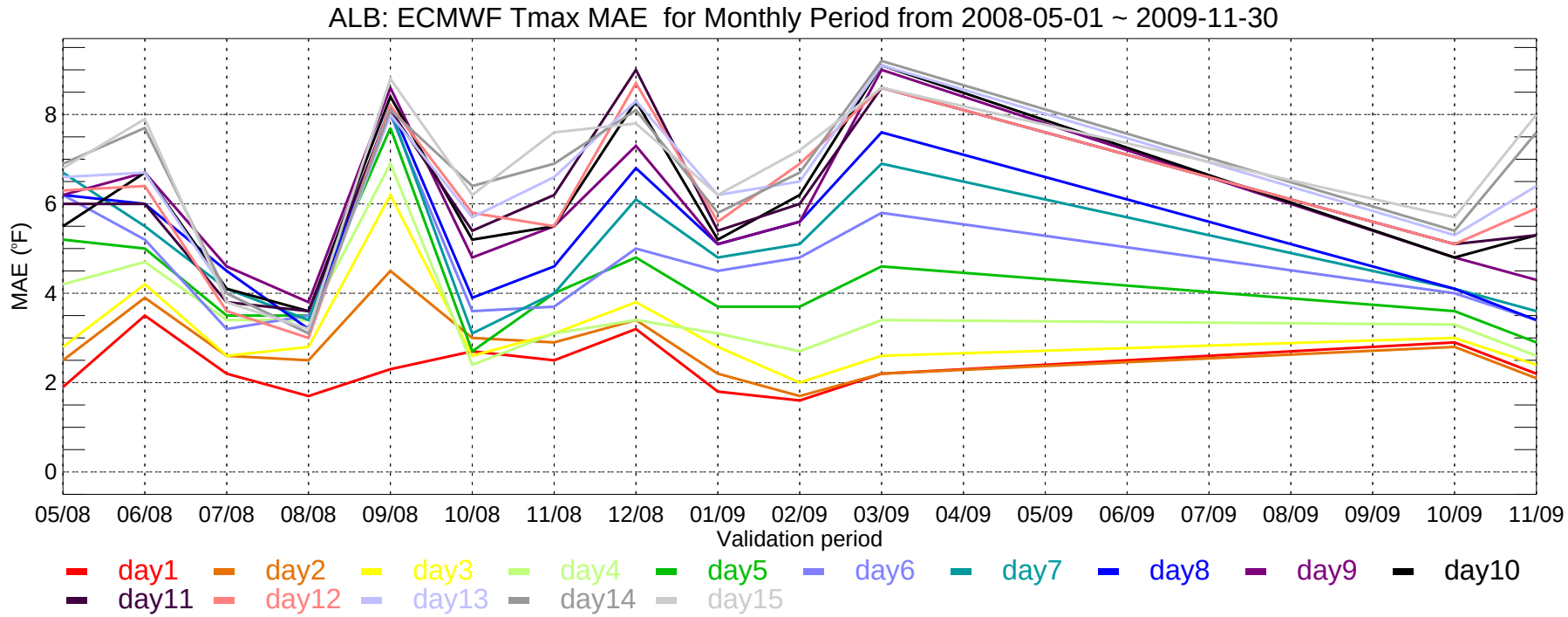
day15


ALB: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
day4
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day6
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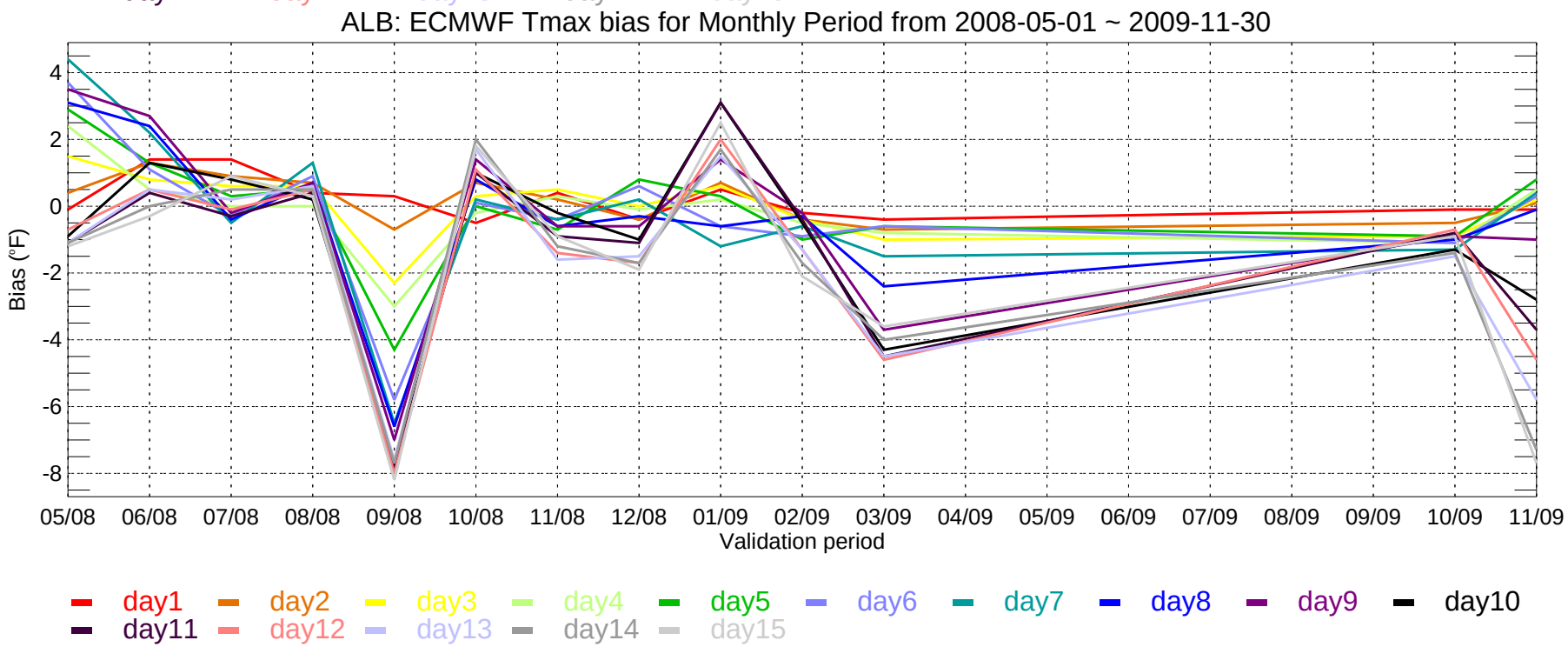
day15


ALB: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
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day11
day12
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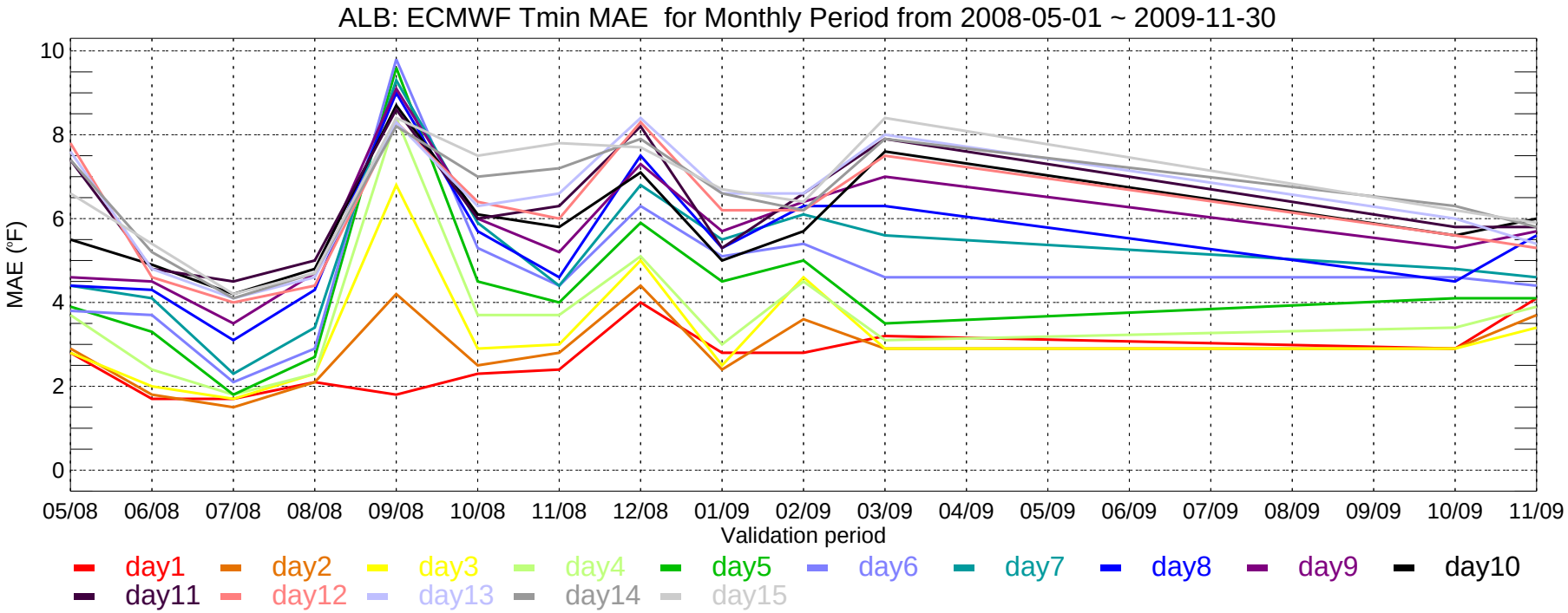
day14
day15


ALB: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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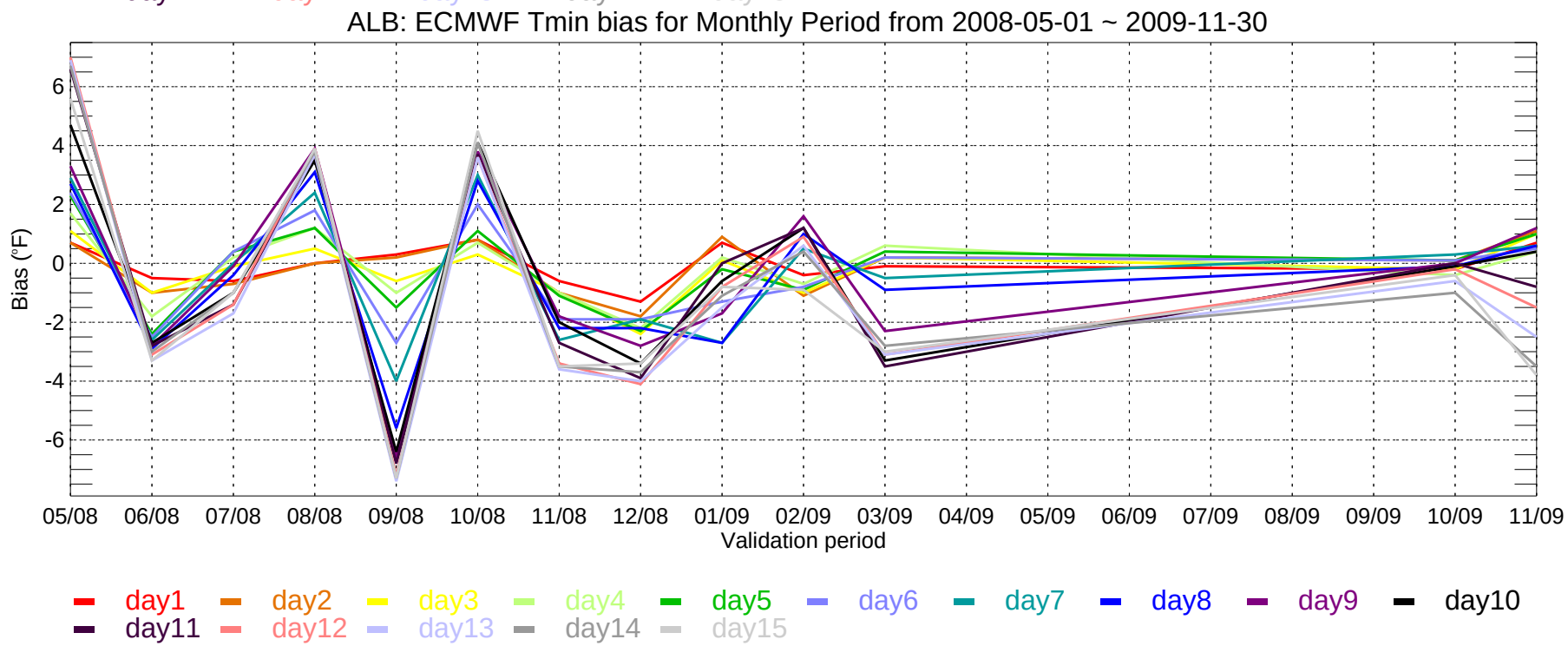
day15


ALB: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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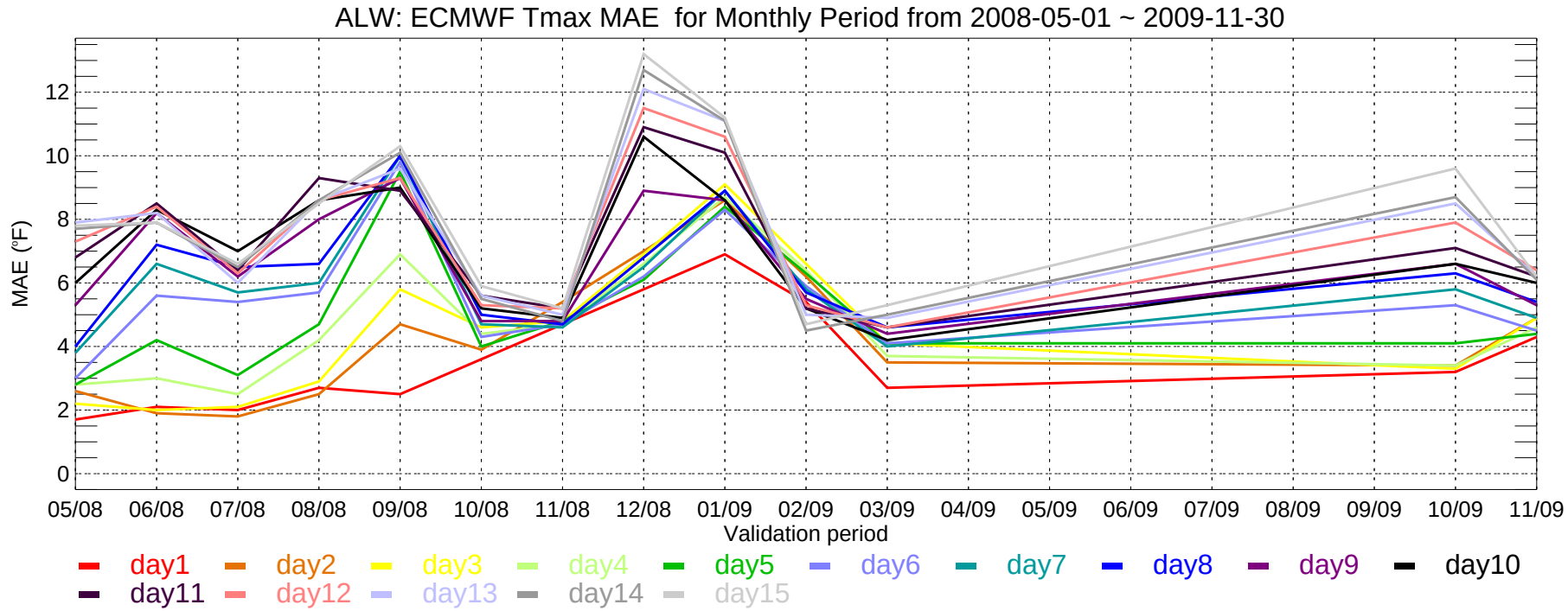
day14
day15


ALW: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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day7
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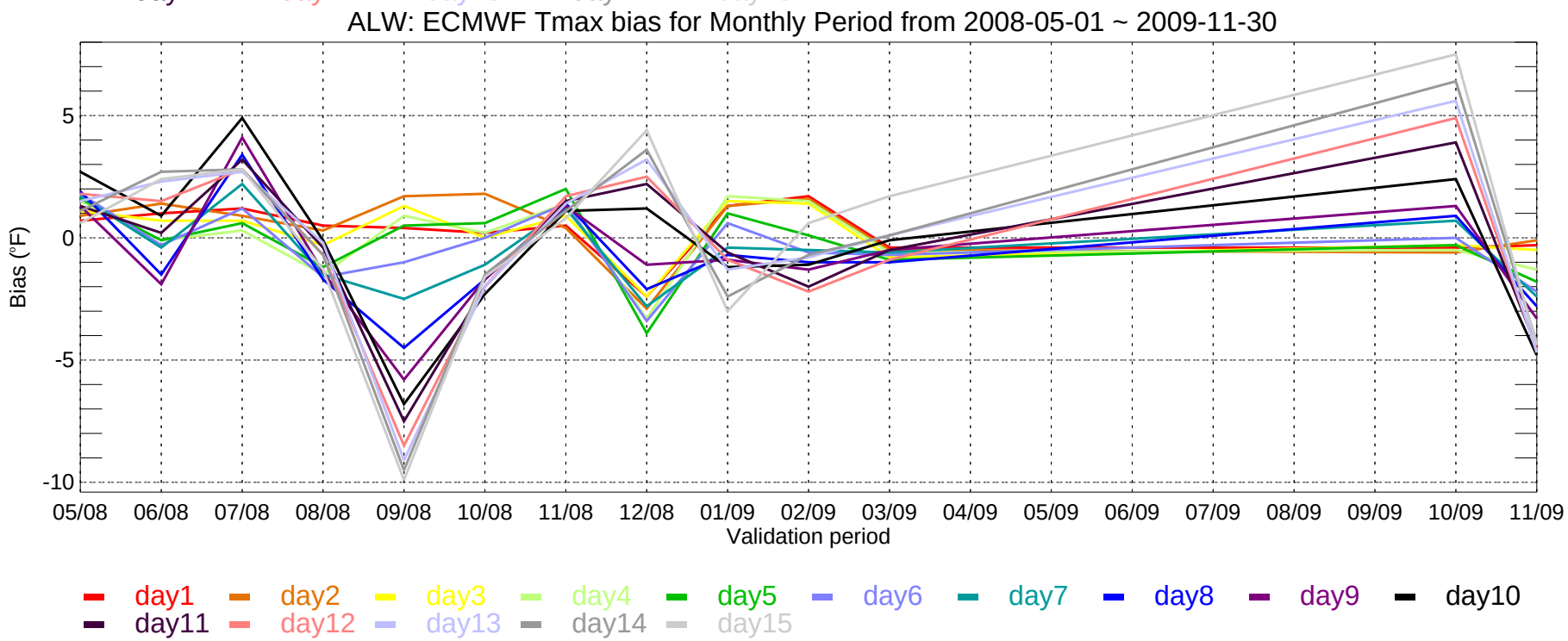
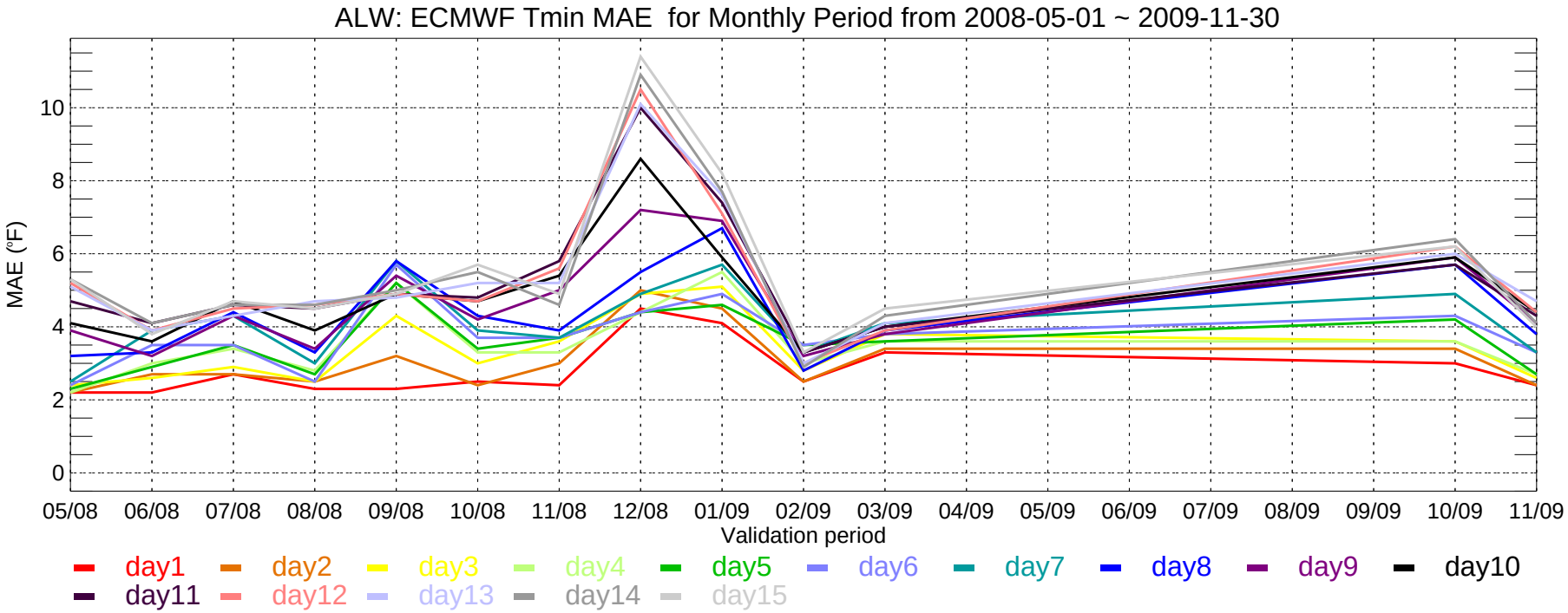
day13
day14
day15


ALW: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
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day4
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day7
day8
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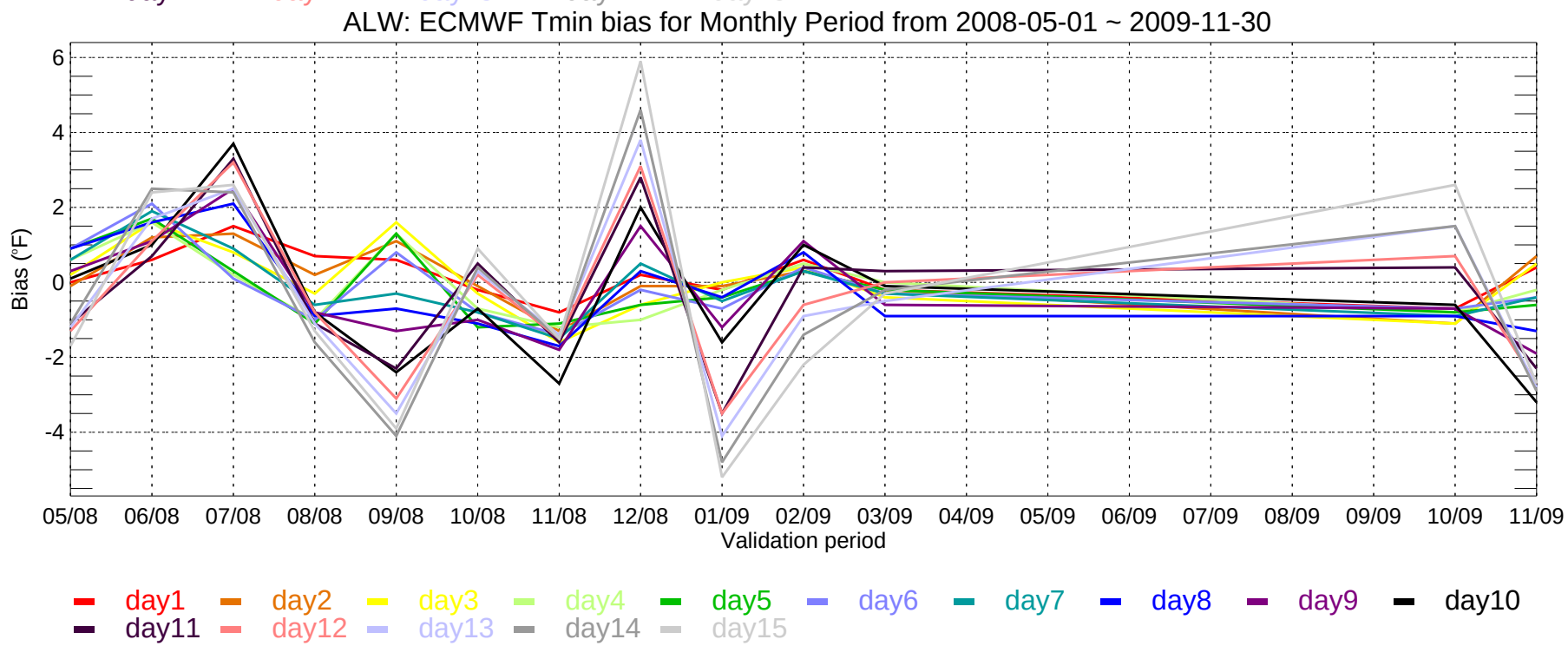
day11
day12
day13
day14
day15


ALW: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
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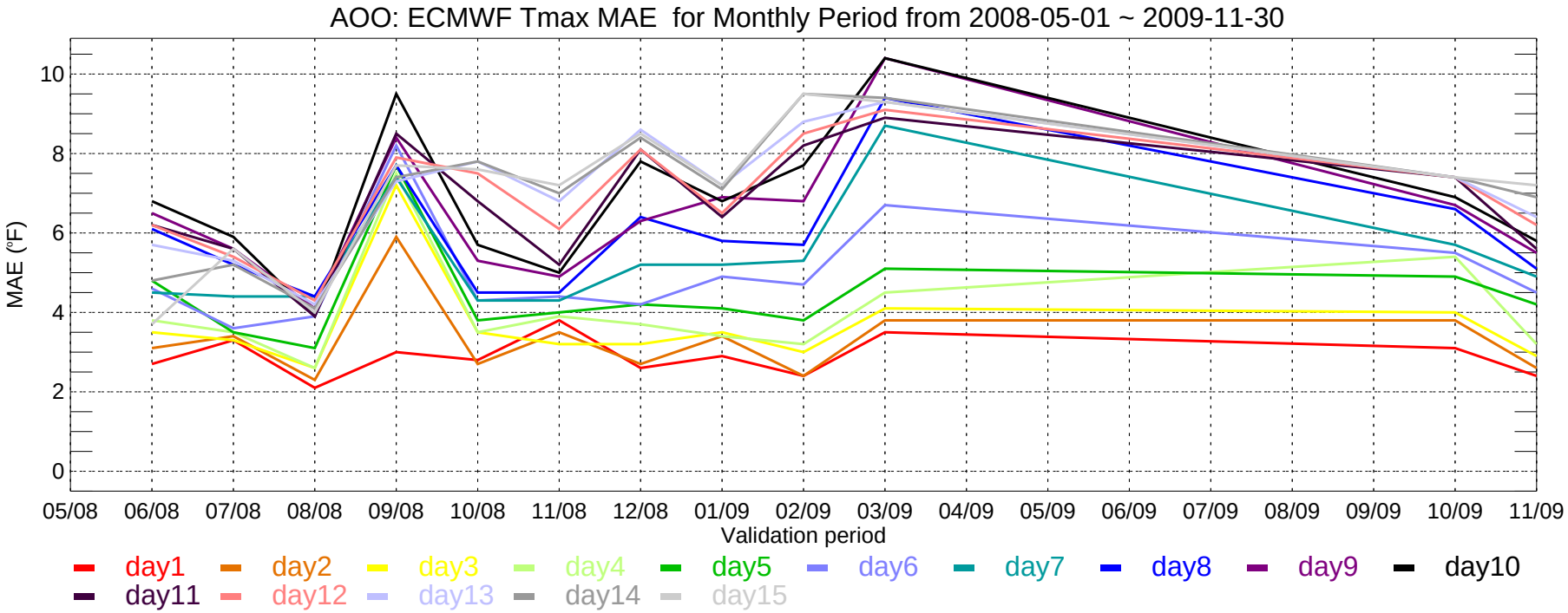
day15


AOO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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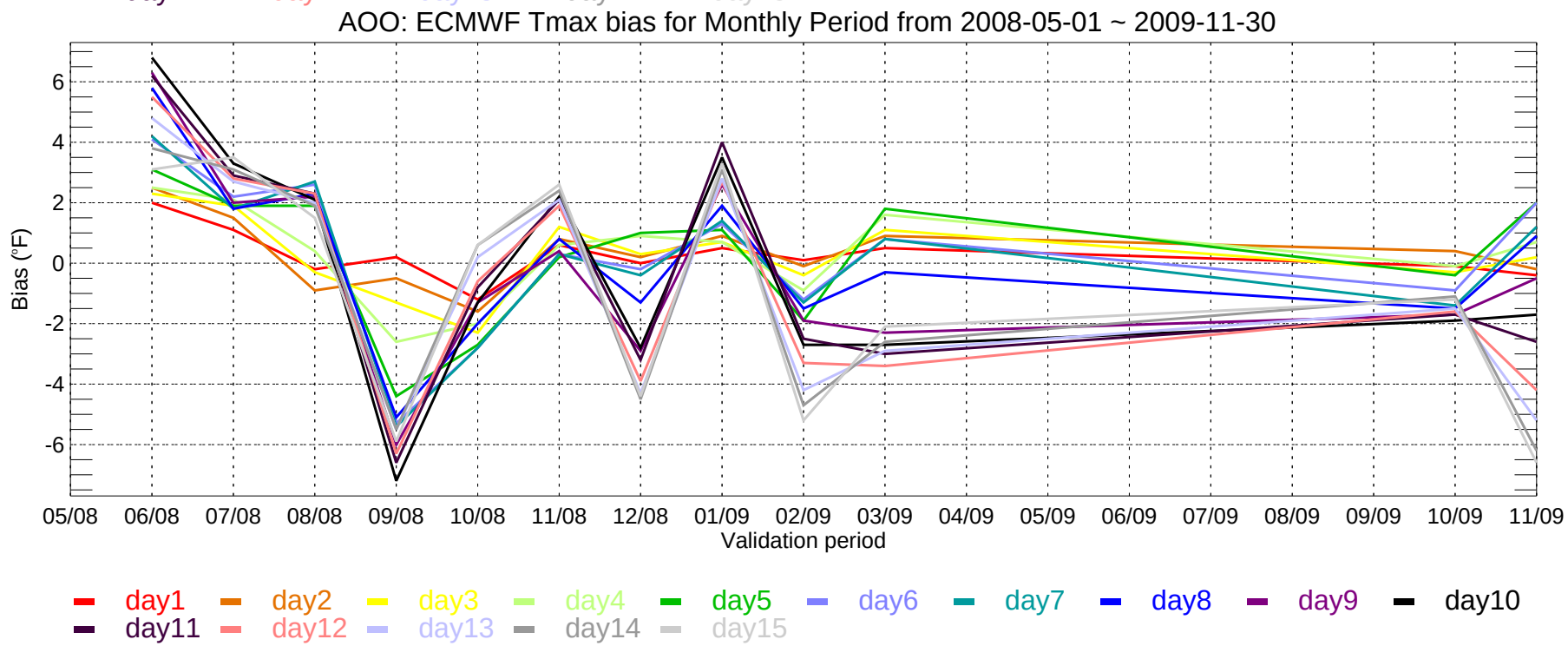
day14
day15


AOO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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05/09
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10/09
11/09
Validation period
day1
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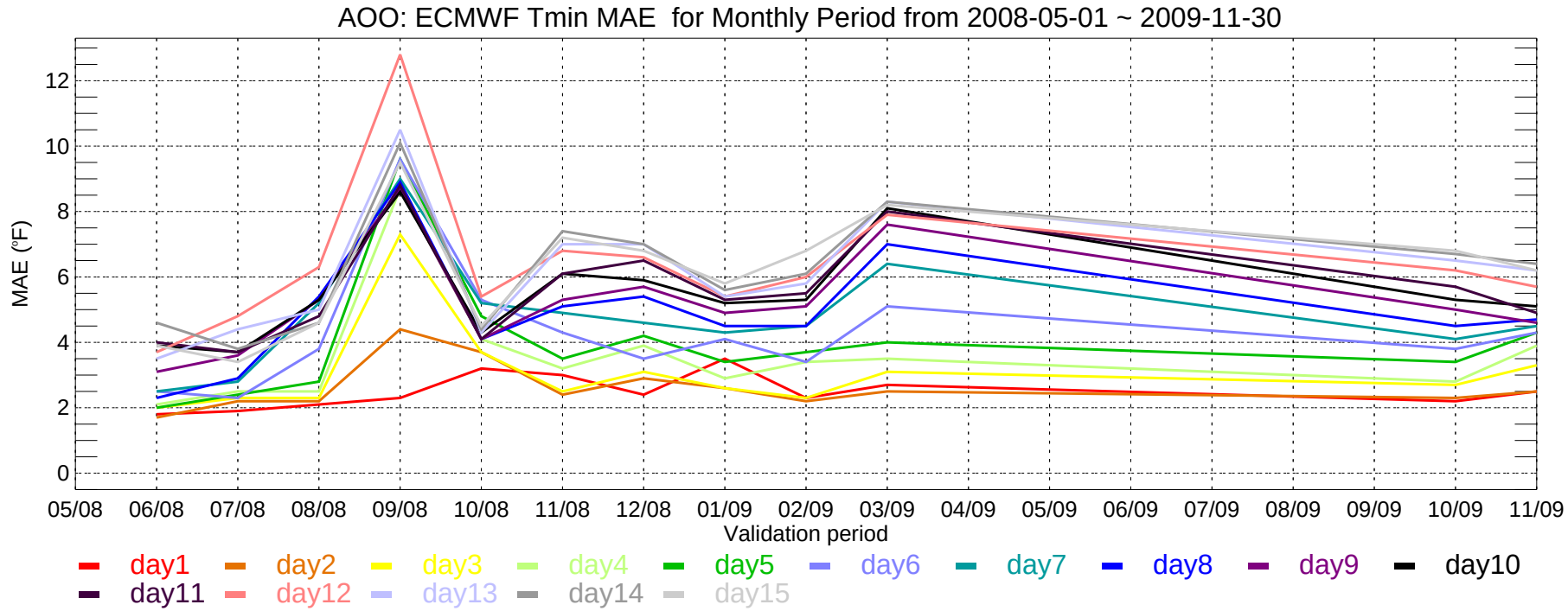
day14
day15


AOO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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08/09
09/09
10/09
11/09
Validation period
day1
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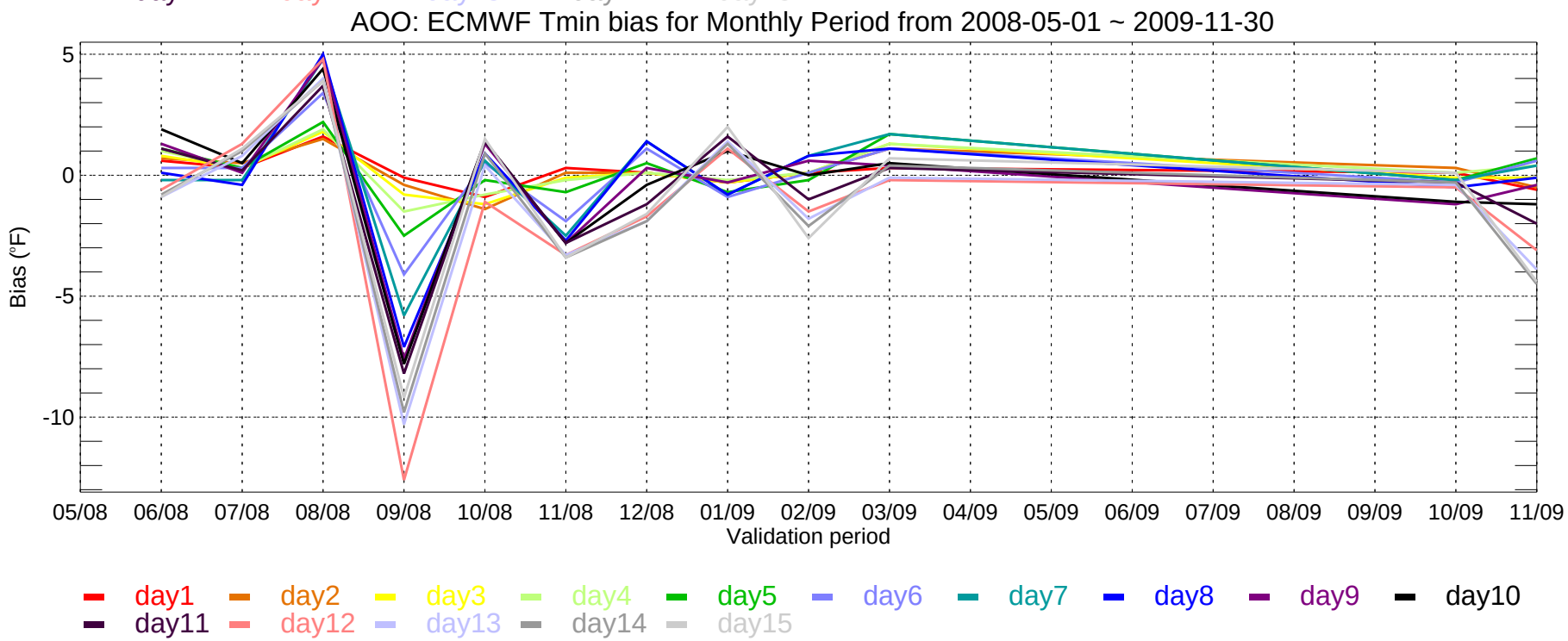
day15


AOO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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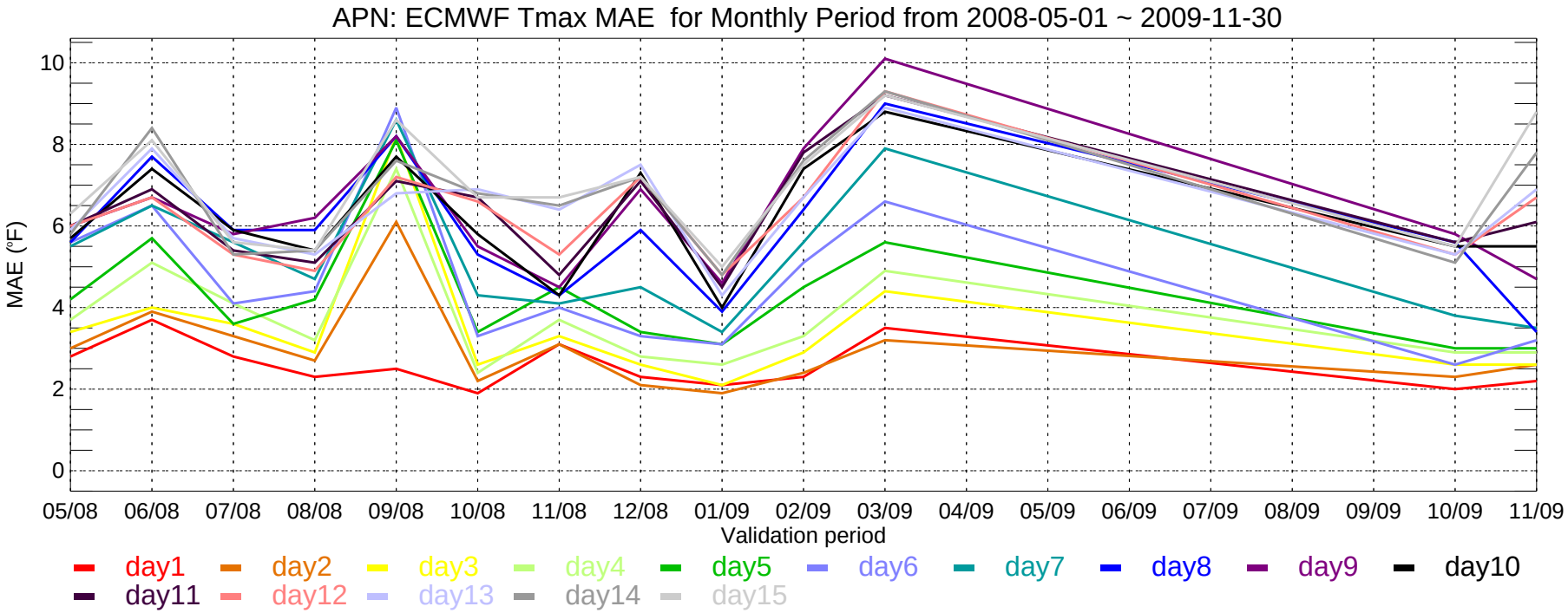
APN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
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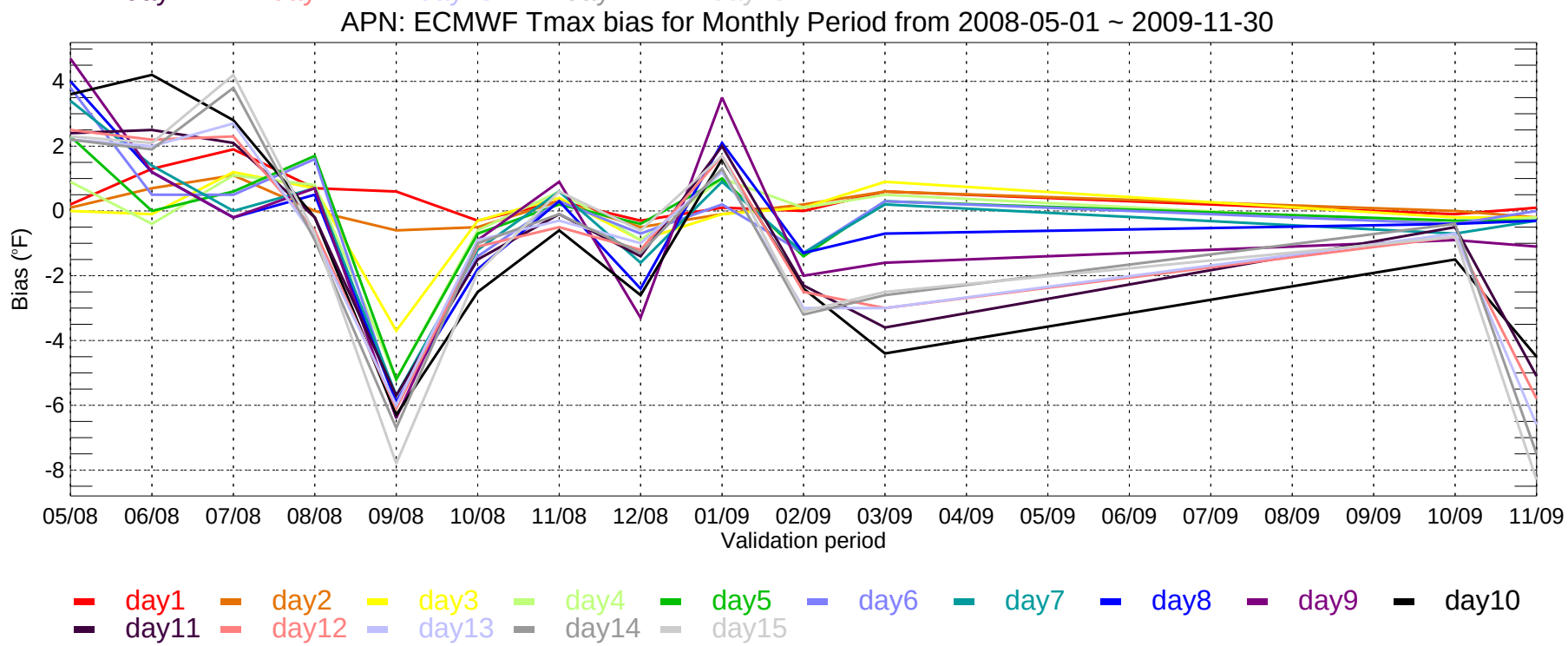
day14
day15


APN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
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11/09
Validation period
day1
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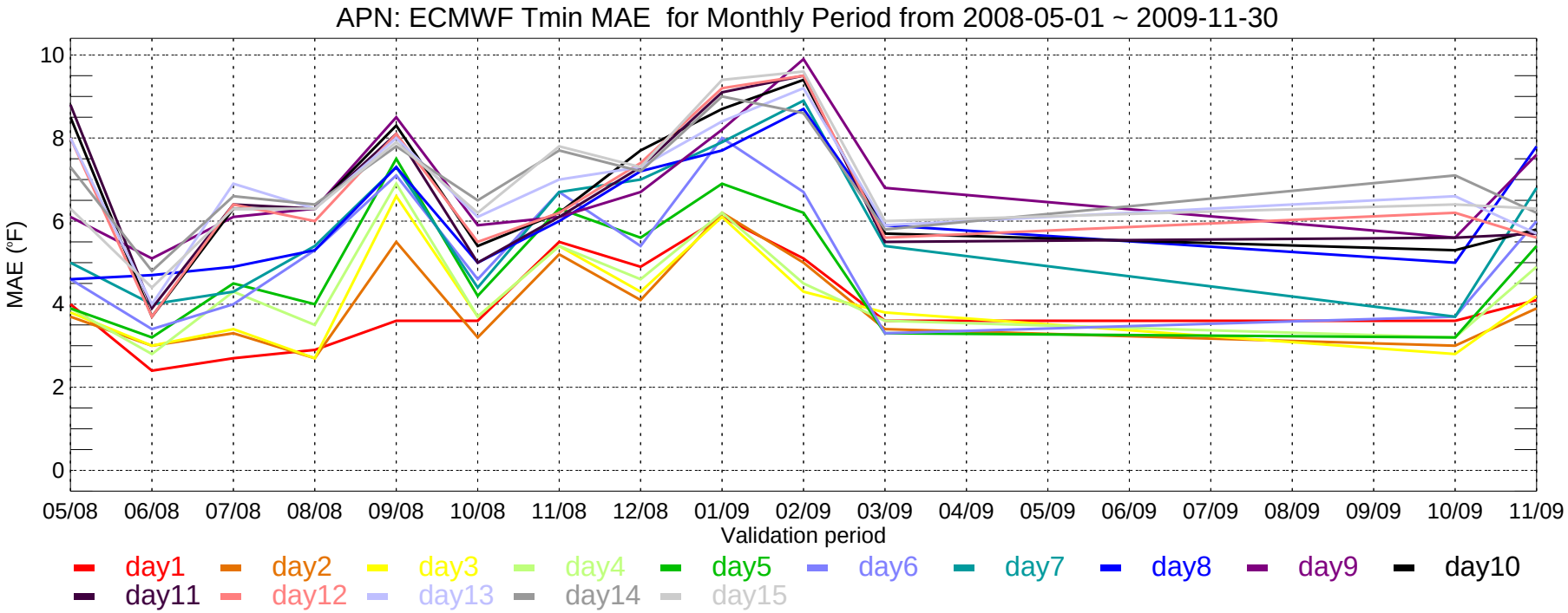
day15


APN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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04/09
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11/09
Validation period
day1
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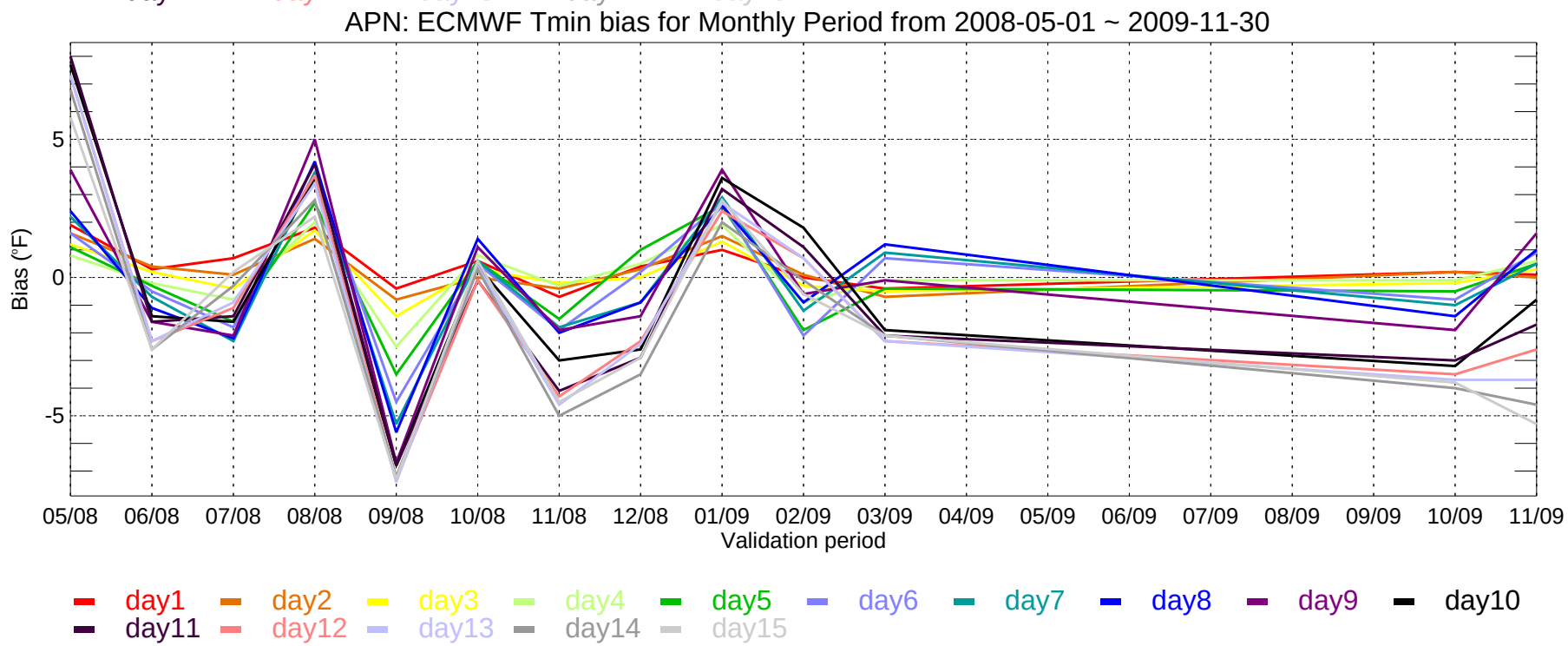
APN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
5
0
-5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
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11/09
Validation period
day1
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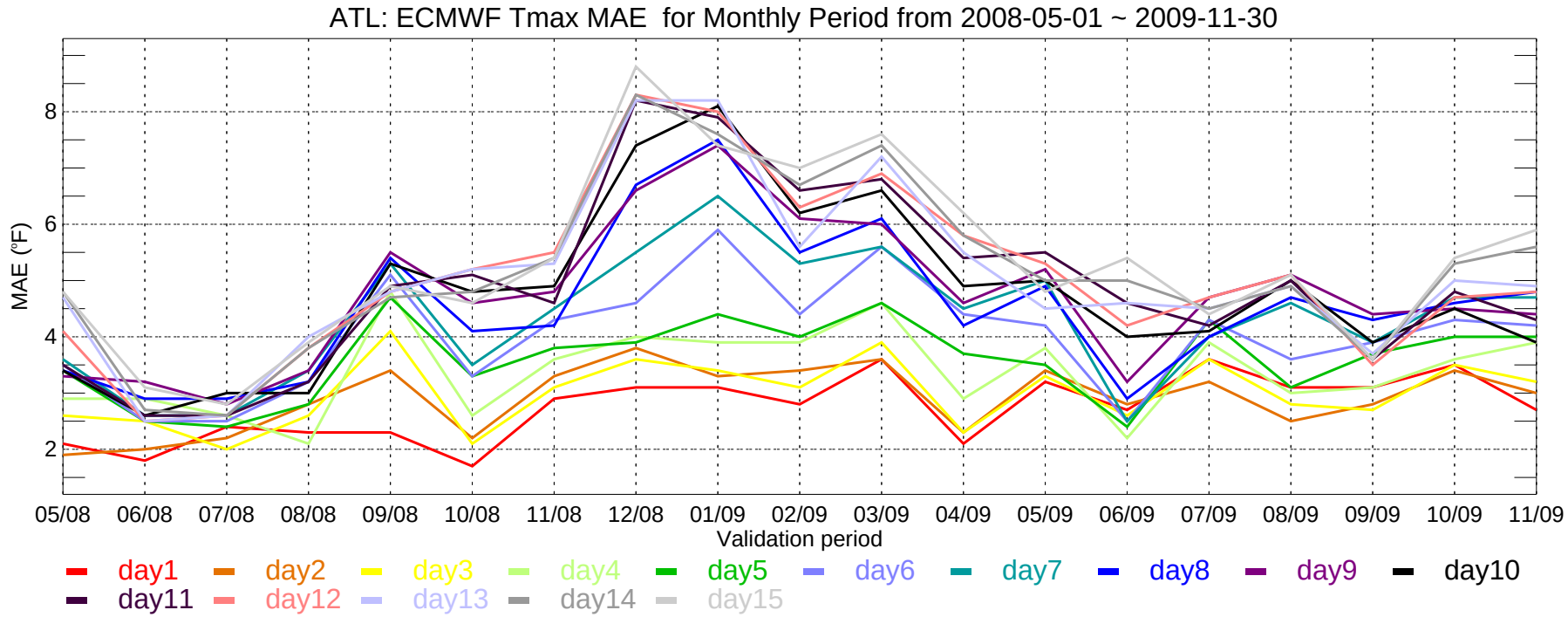
day14
day15


ATL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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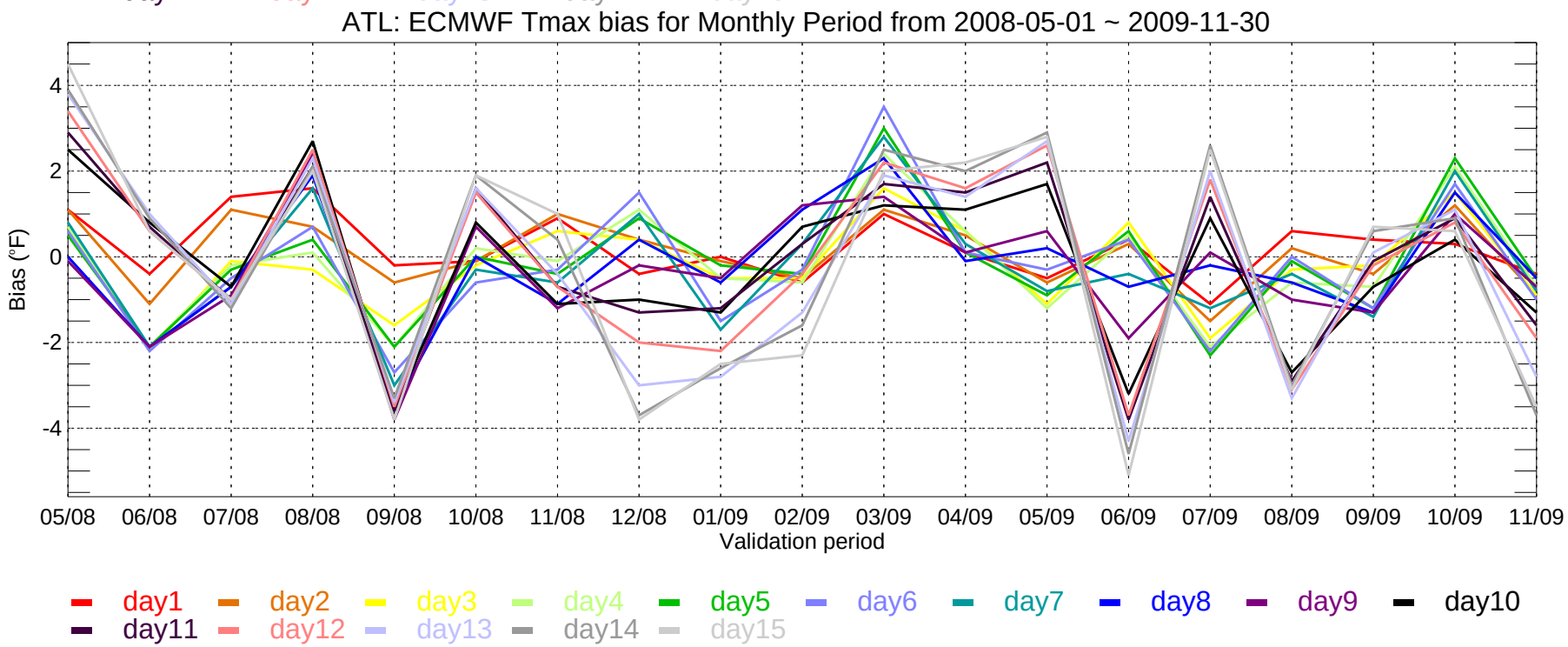
day15


ATL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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day4
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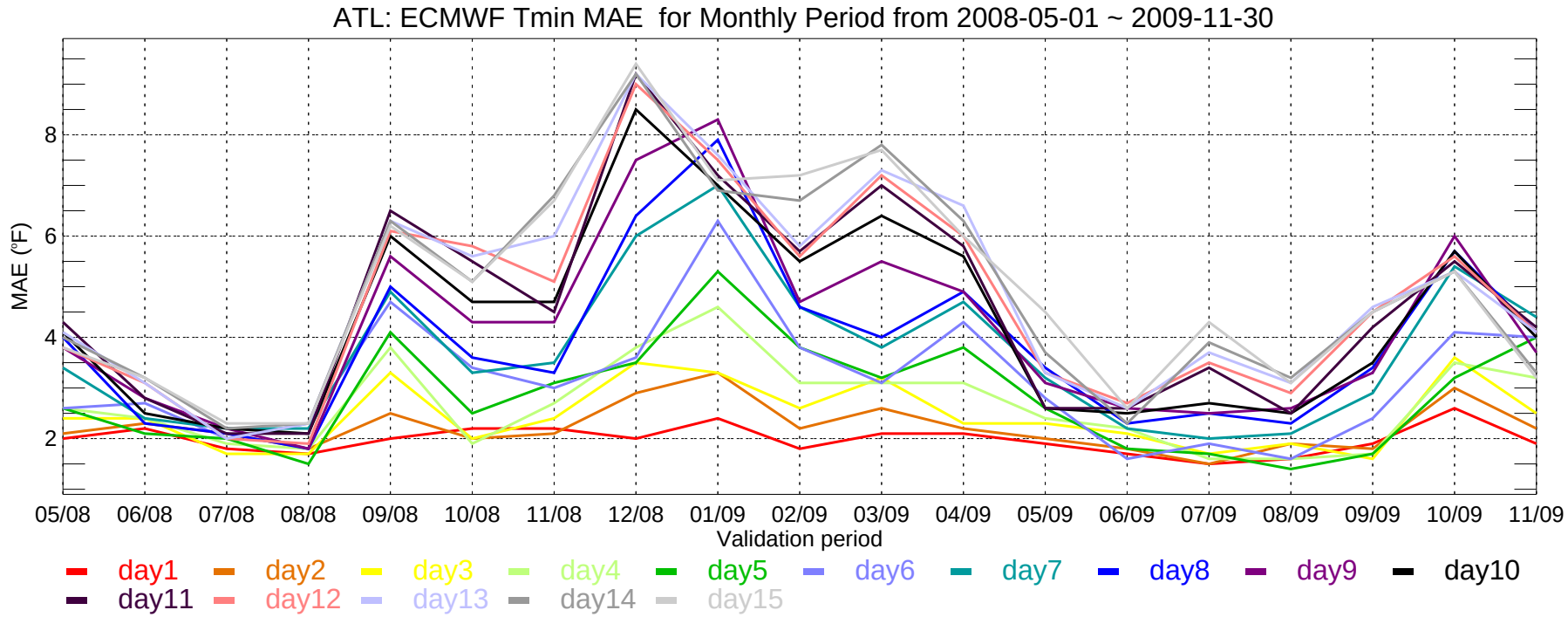
day14
day15


ATL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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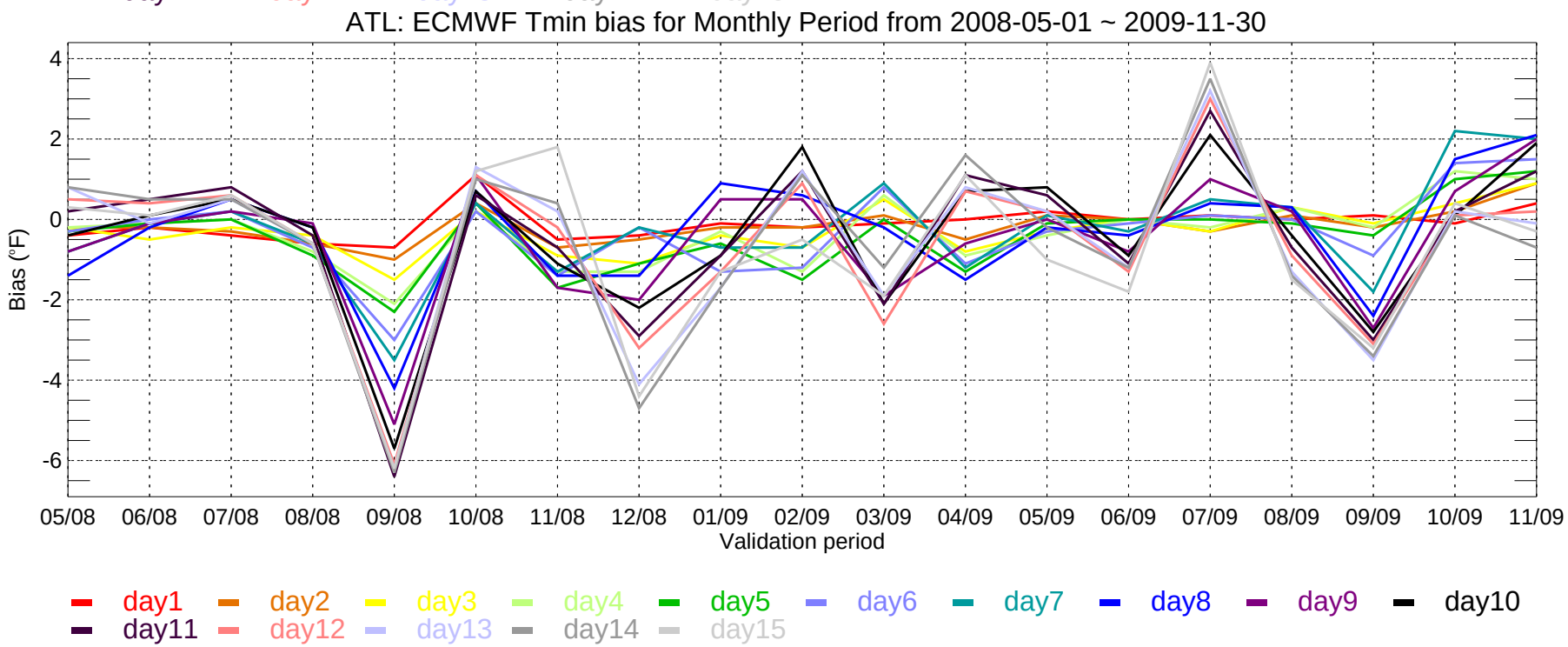
day13
day14
day15


ATL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
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day4
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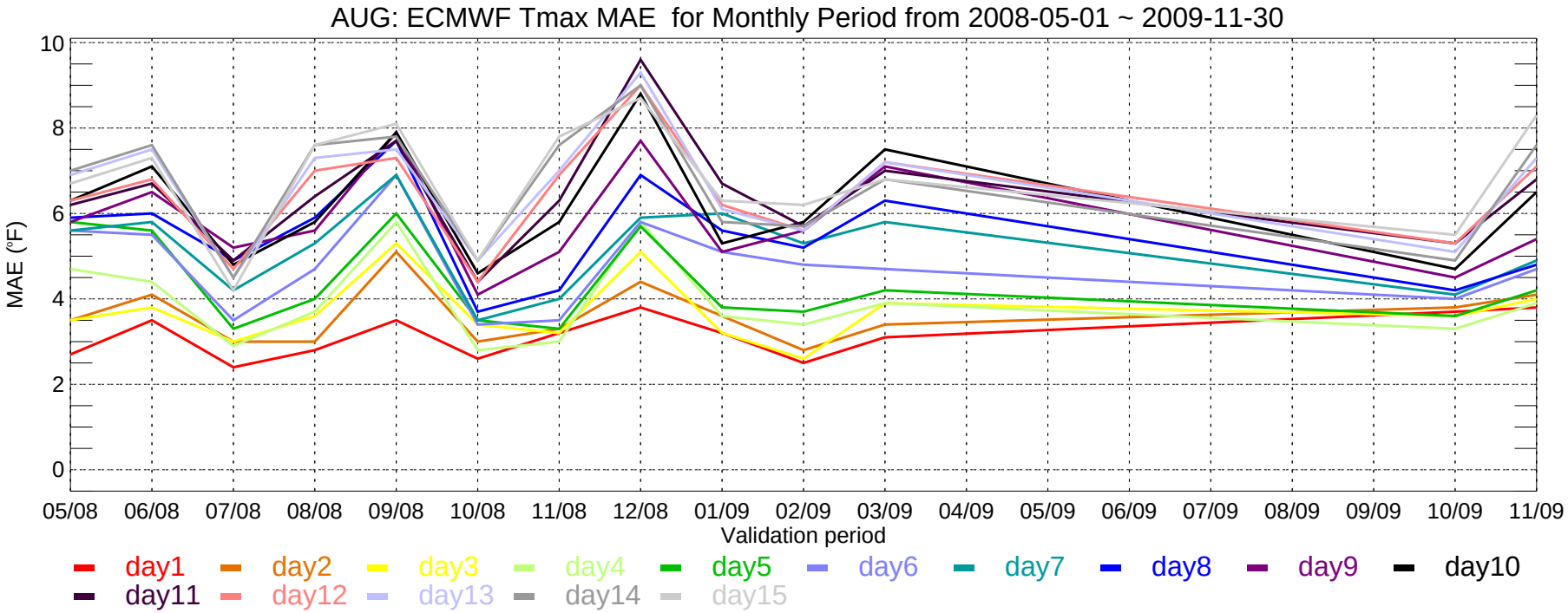
day14
day15


AUG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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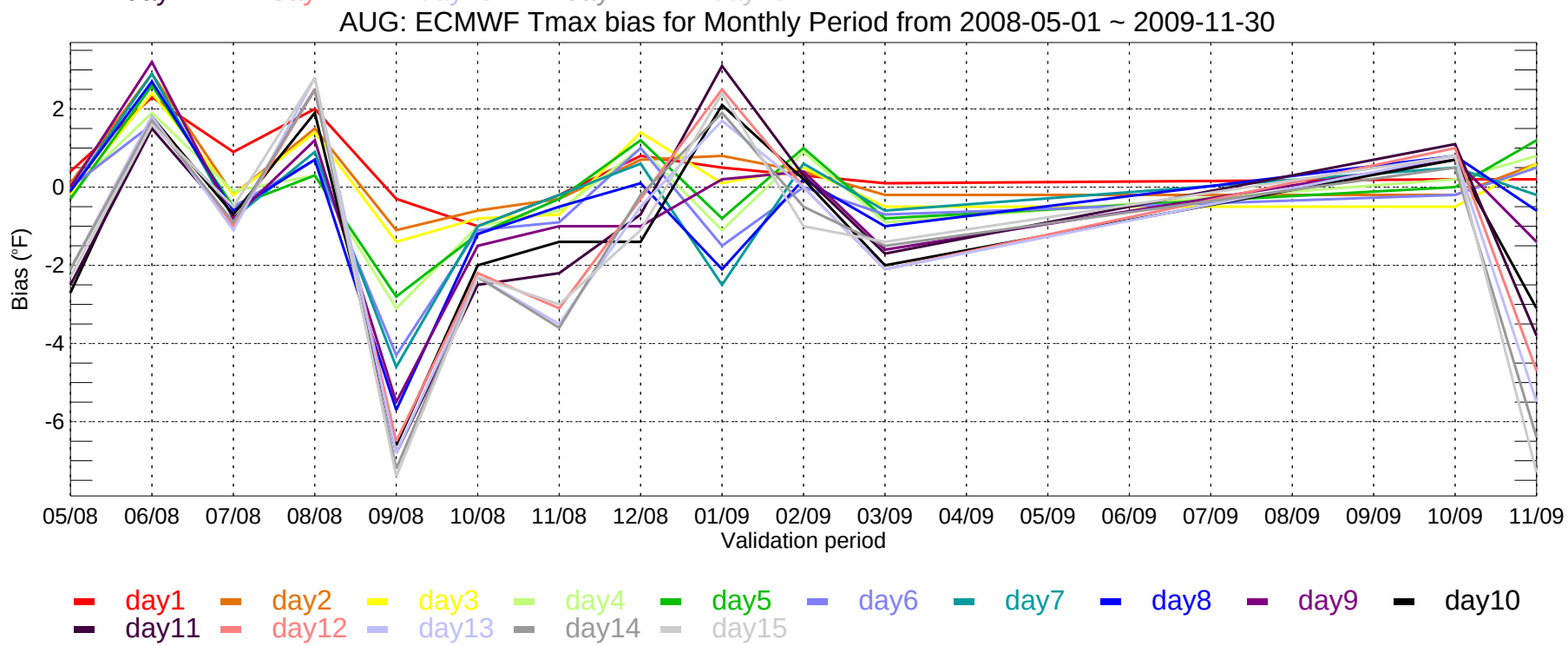
day15


AUG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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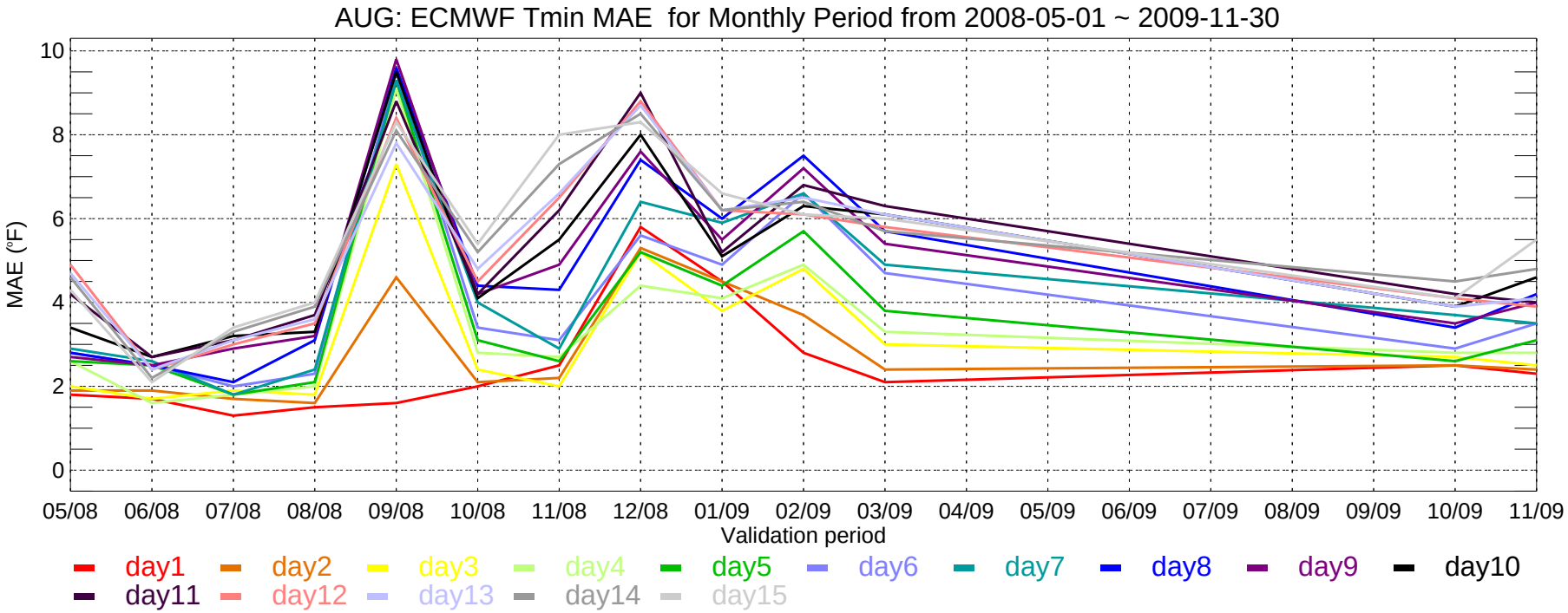
day14
day15


AUG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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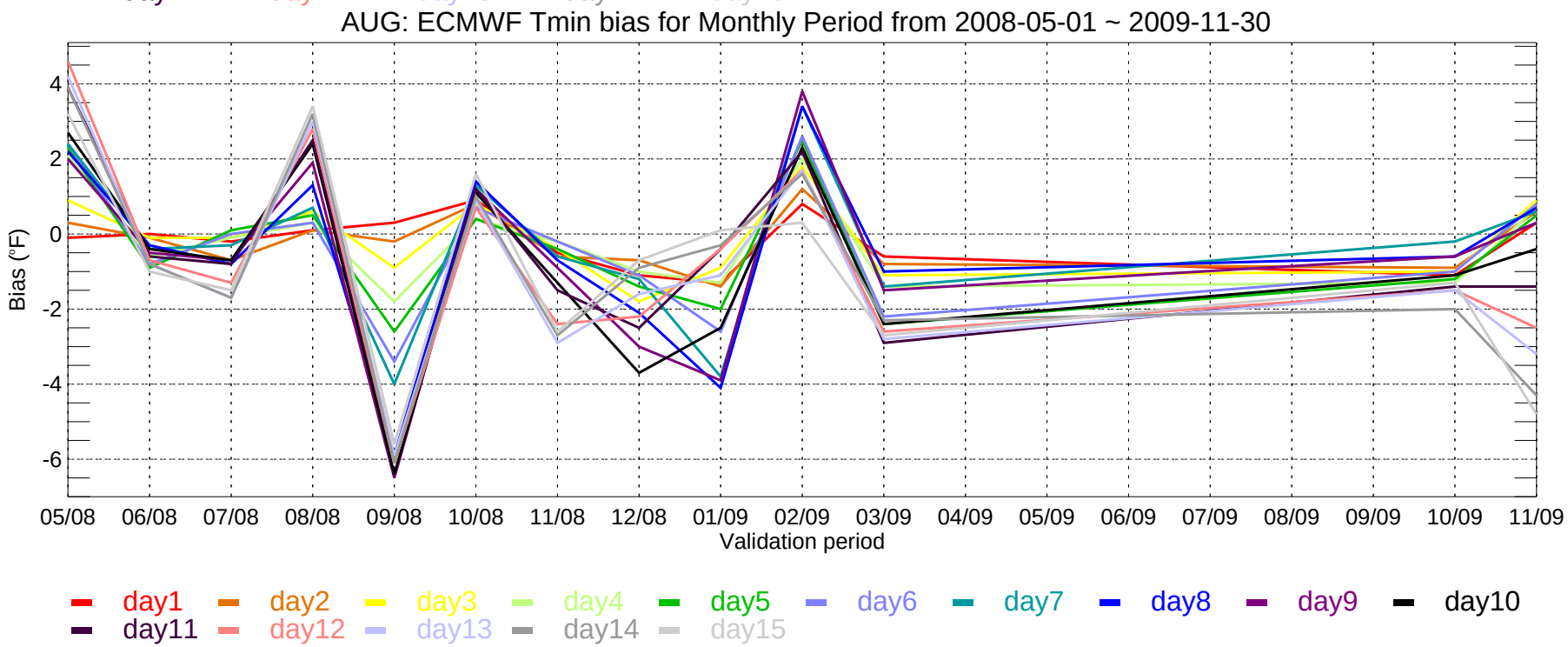
day15


AUG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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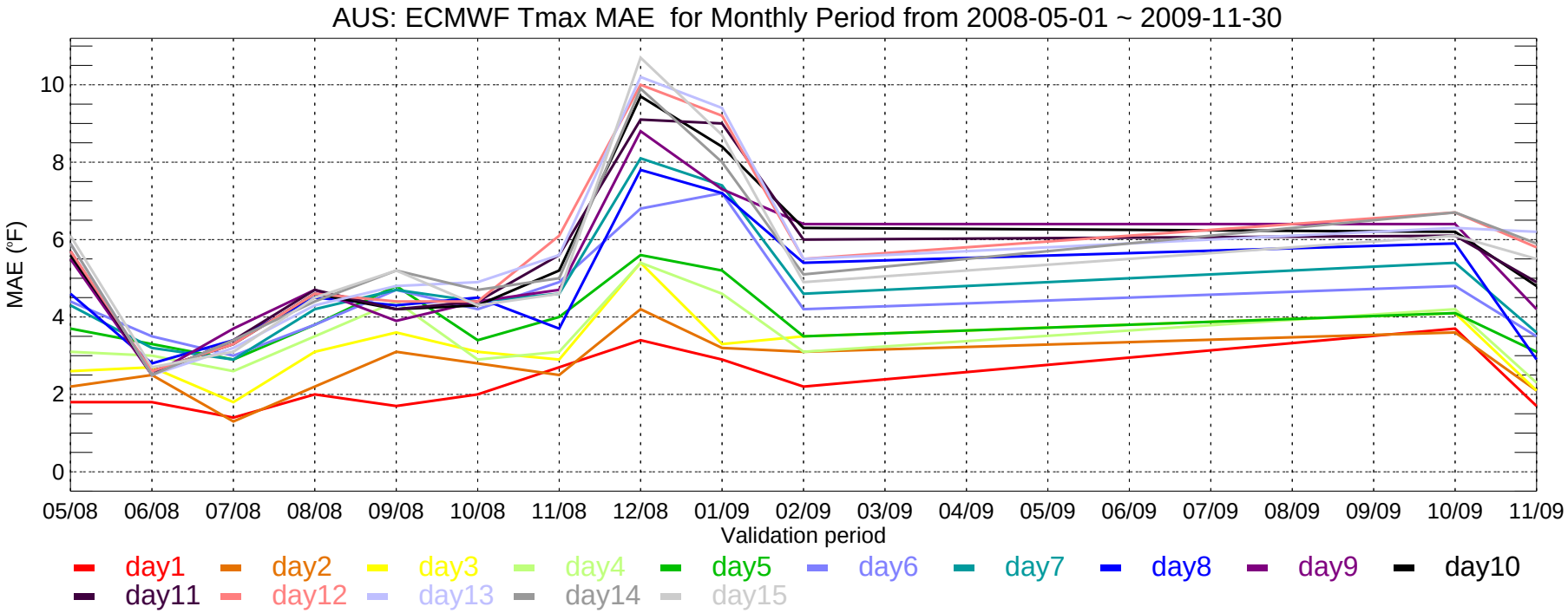
day15


AUS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
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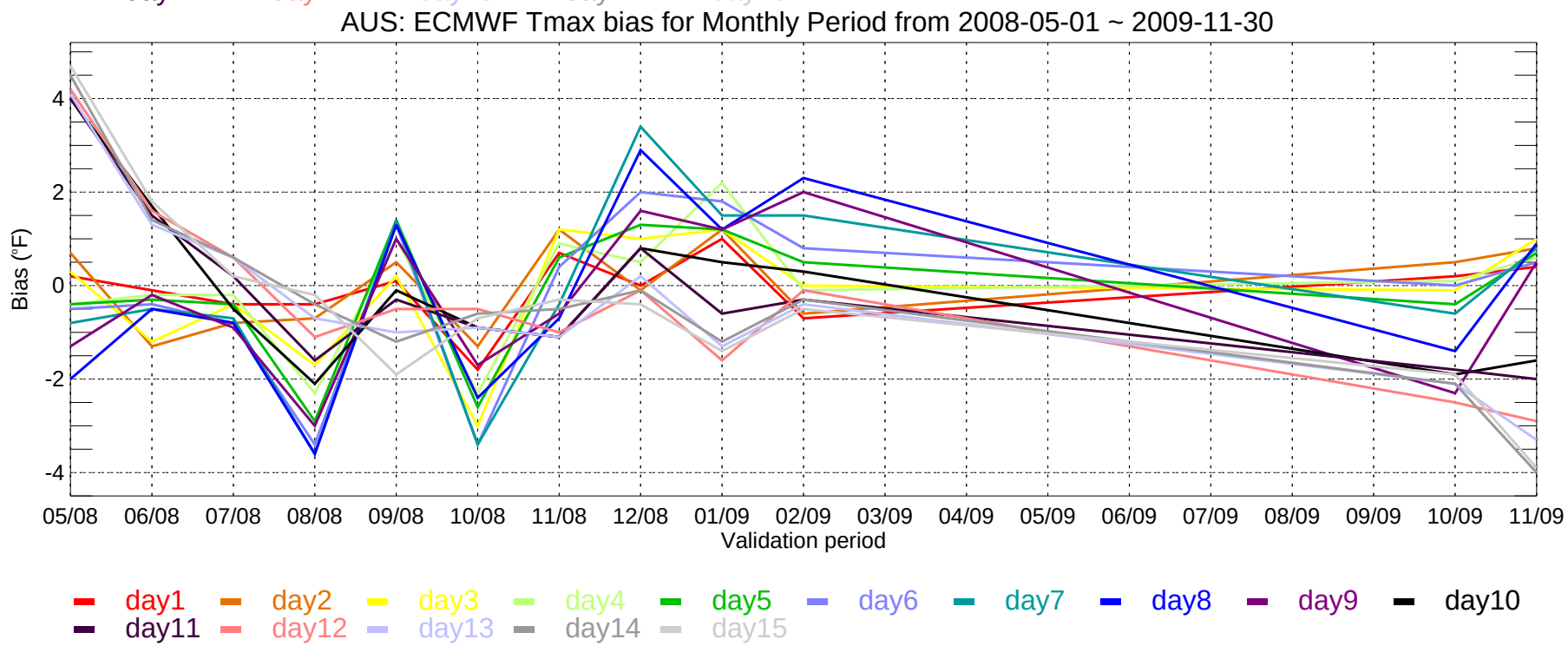
day15


AUS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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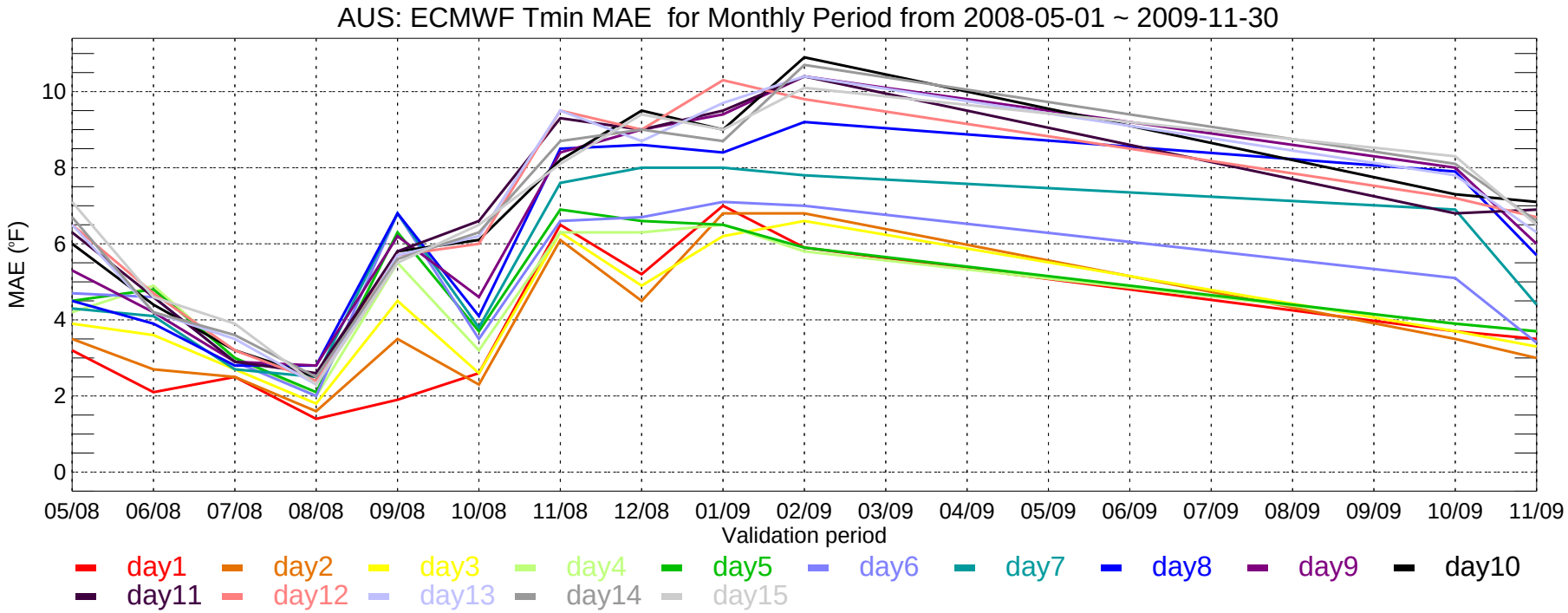
day15


AUS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
day1
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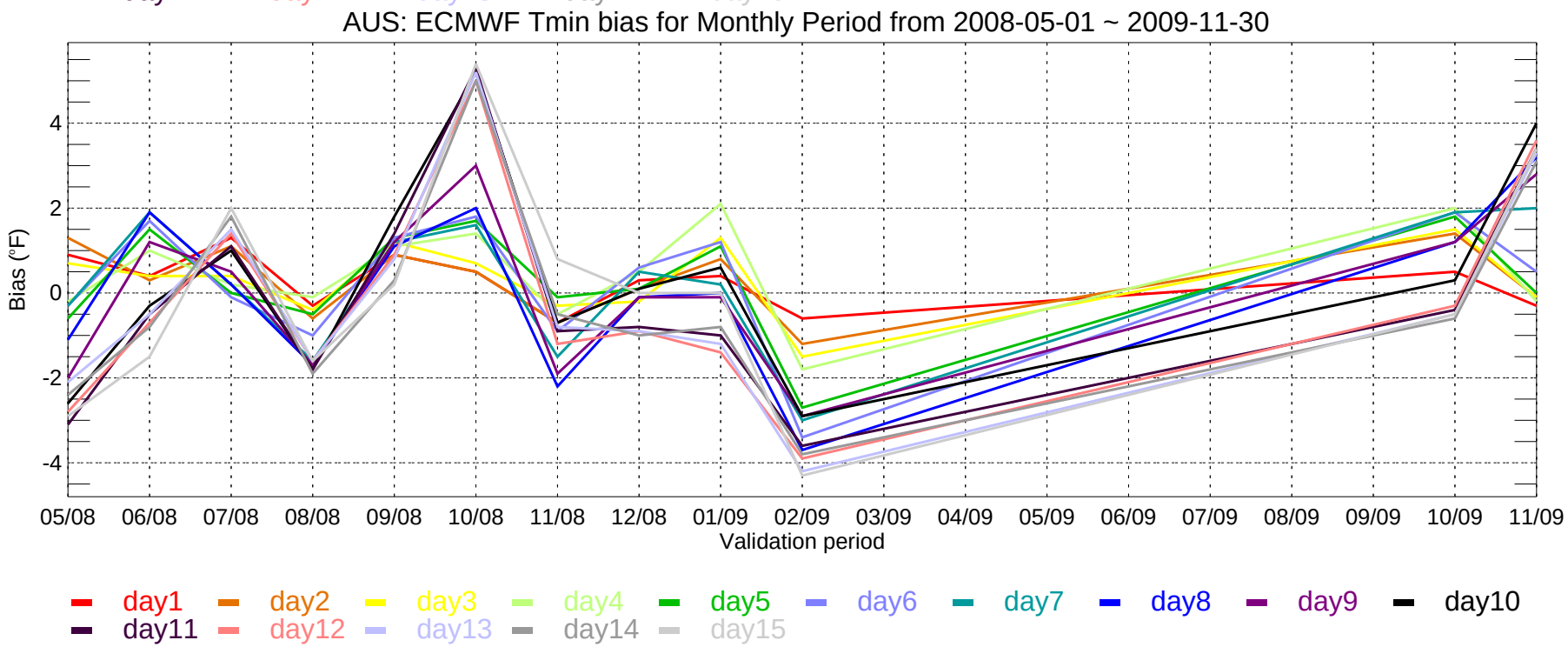
day15


AUS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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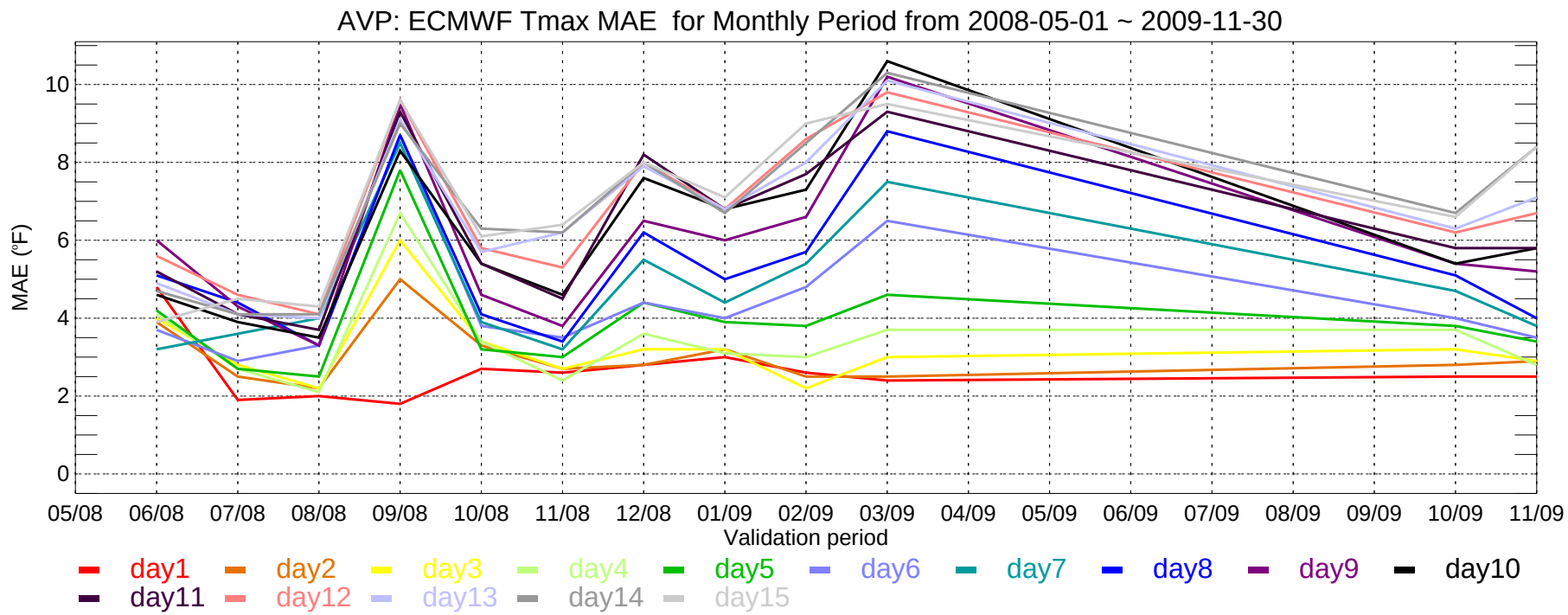
day15


AVP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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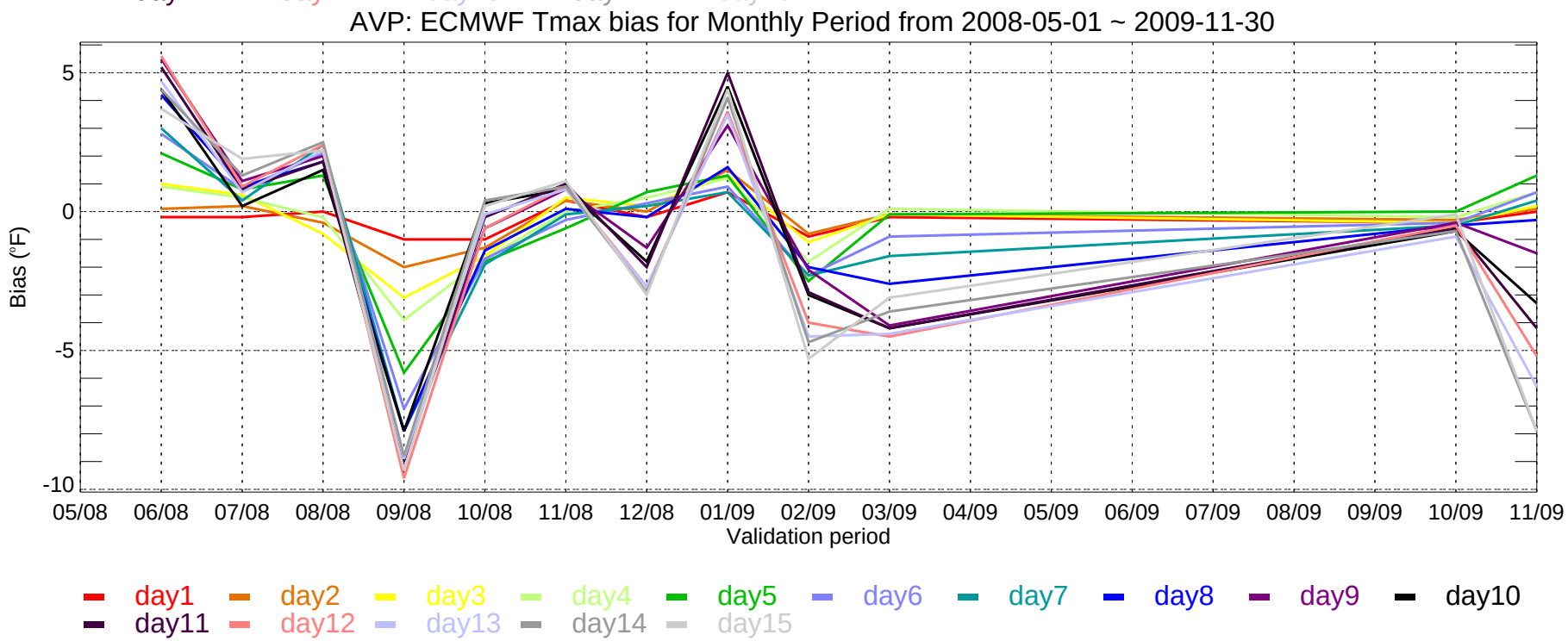
day15


AVP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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day4
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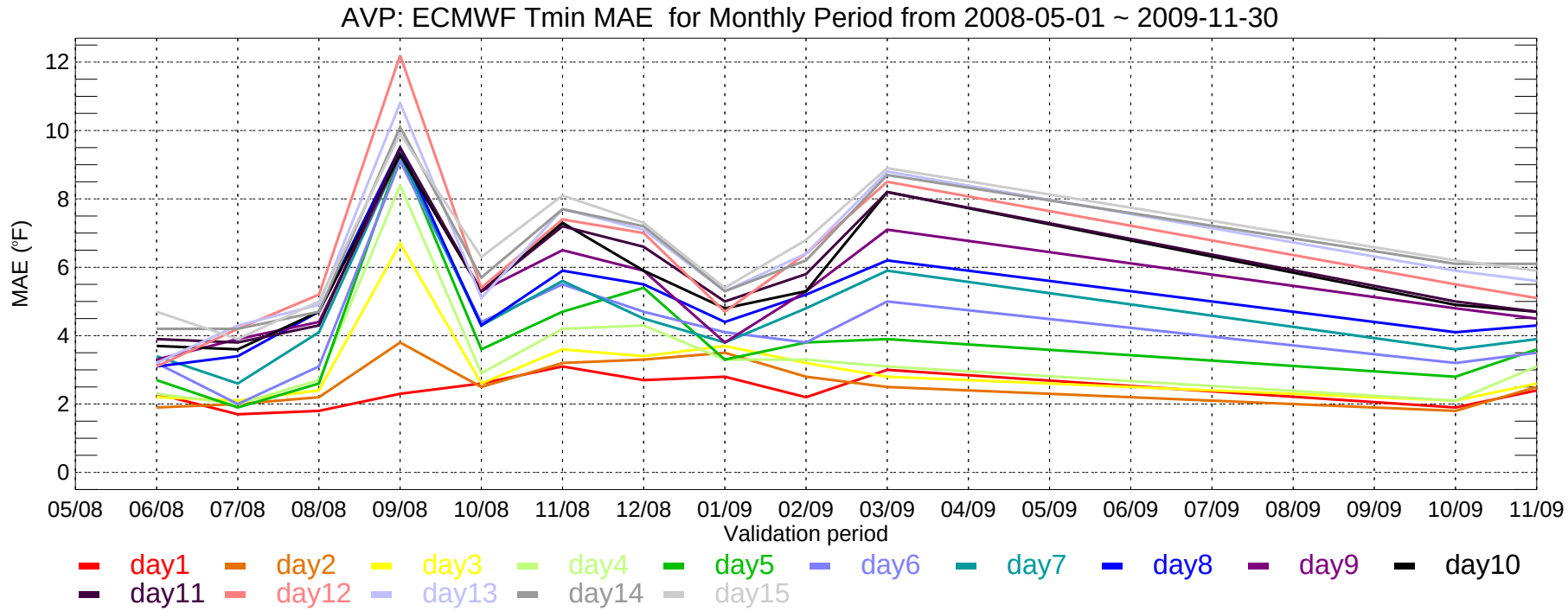
day13
day14
day15


AVP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
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day7
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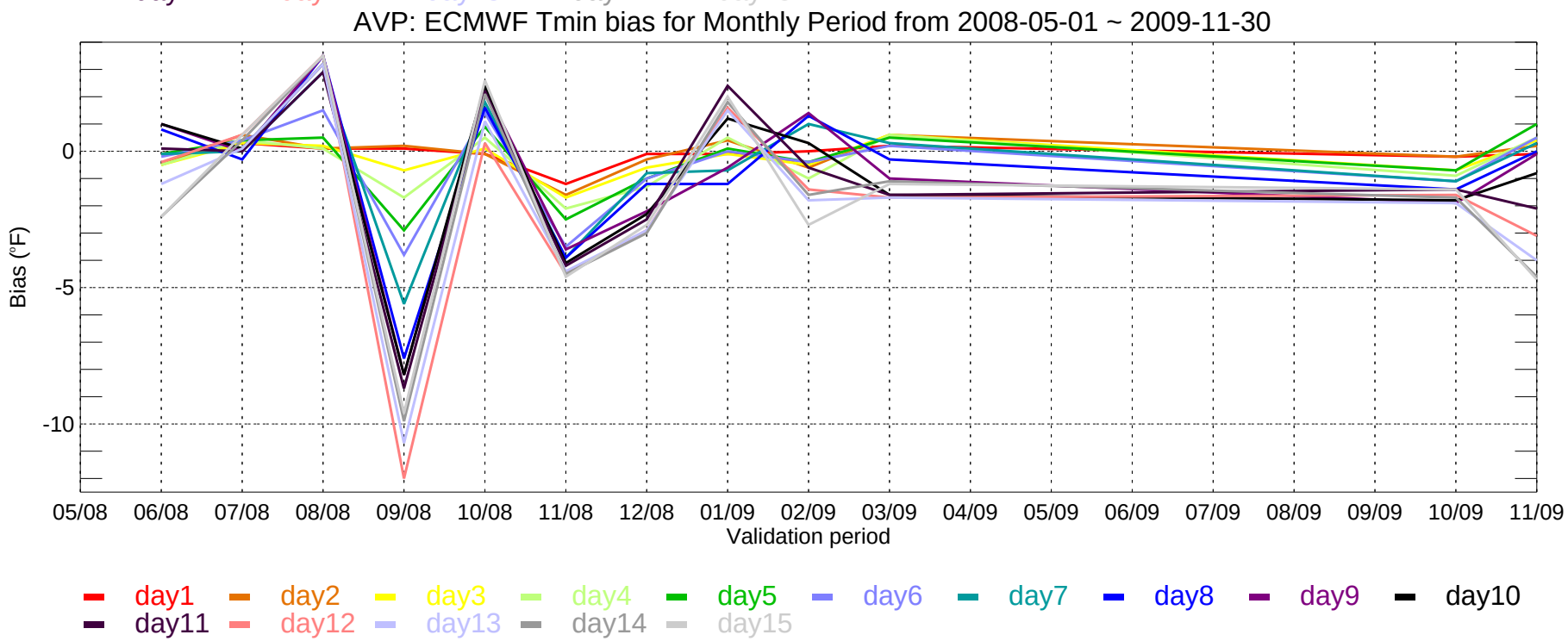
day13
day14
day15


AVP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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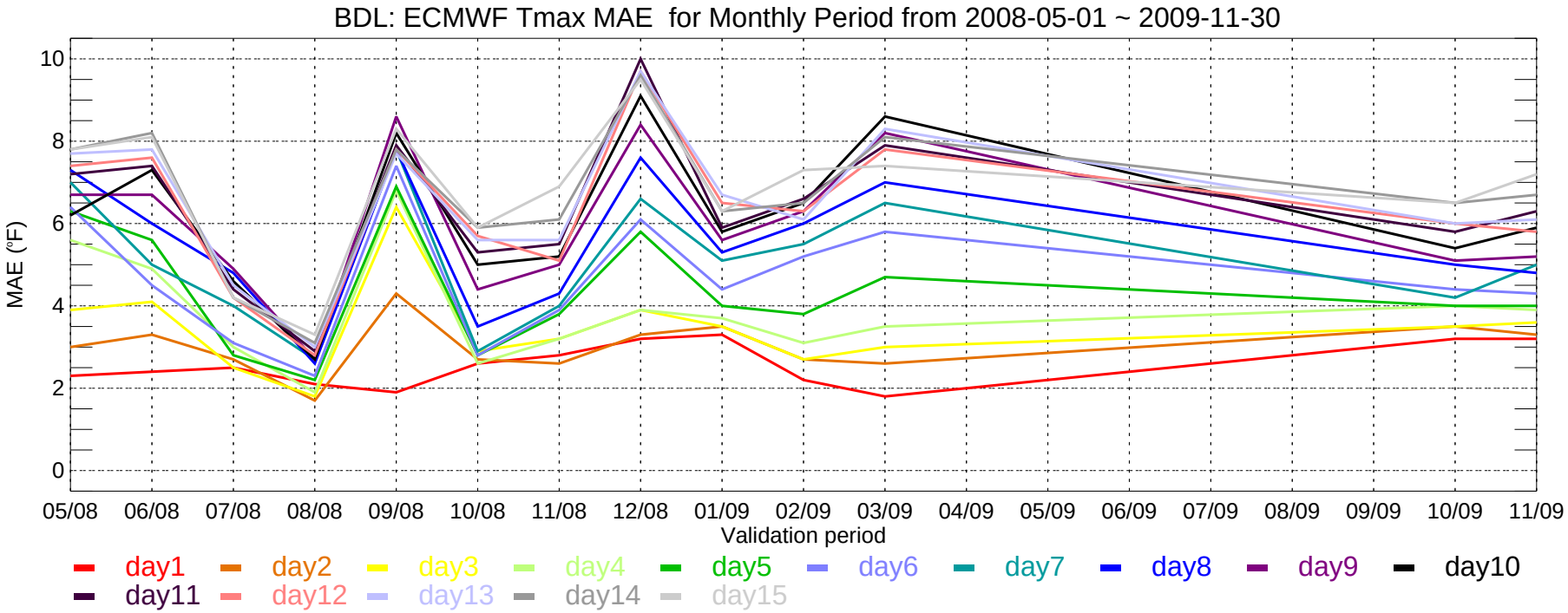
day14
day15


BDL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day4
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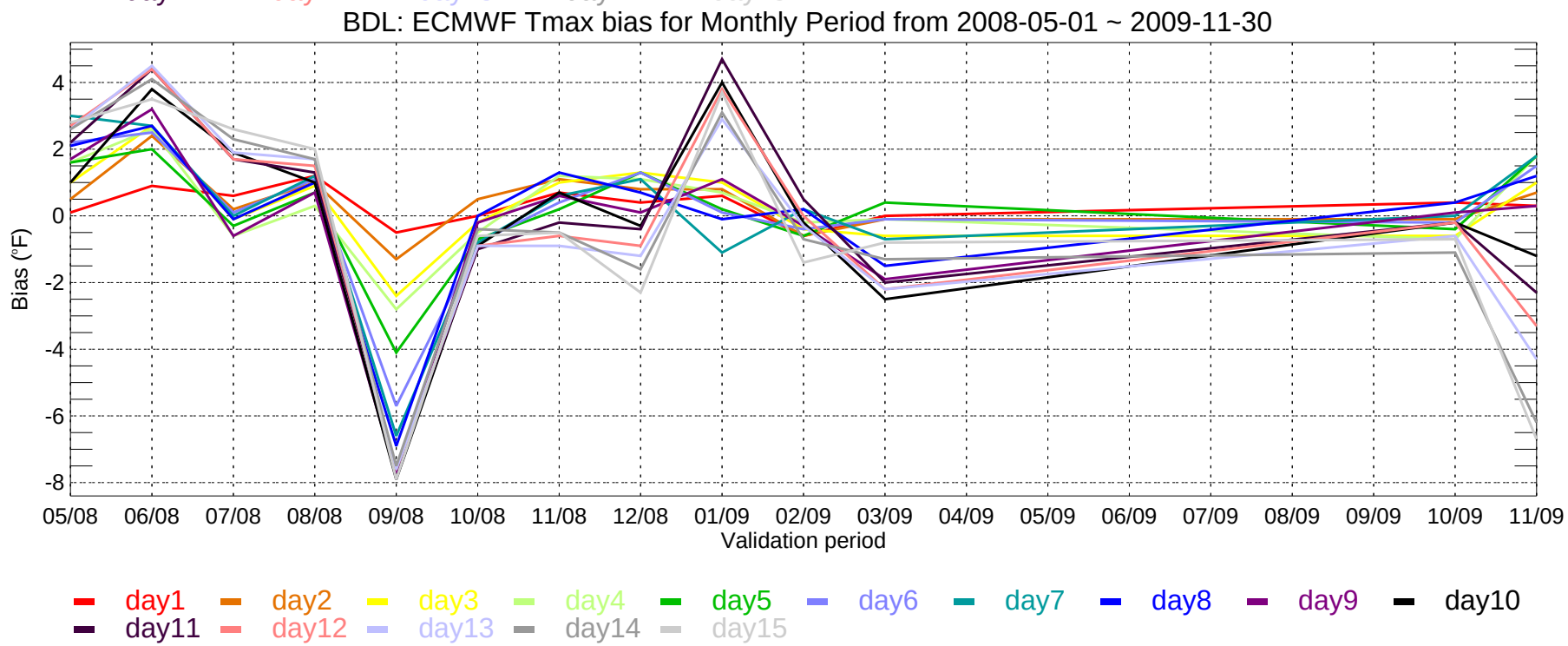
day14
day15


BDL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day4
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day6
day7
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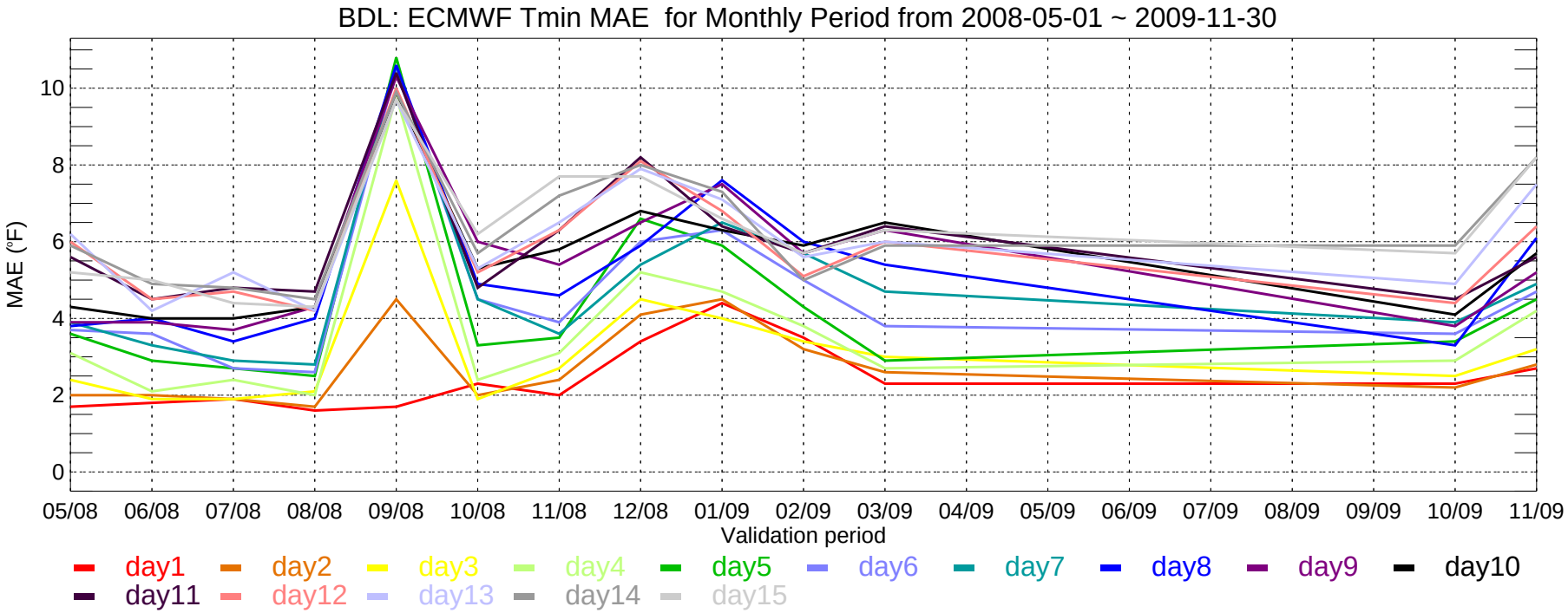
day14
day15


BDL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
day1
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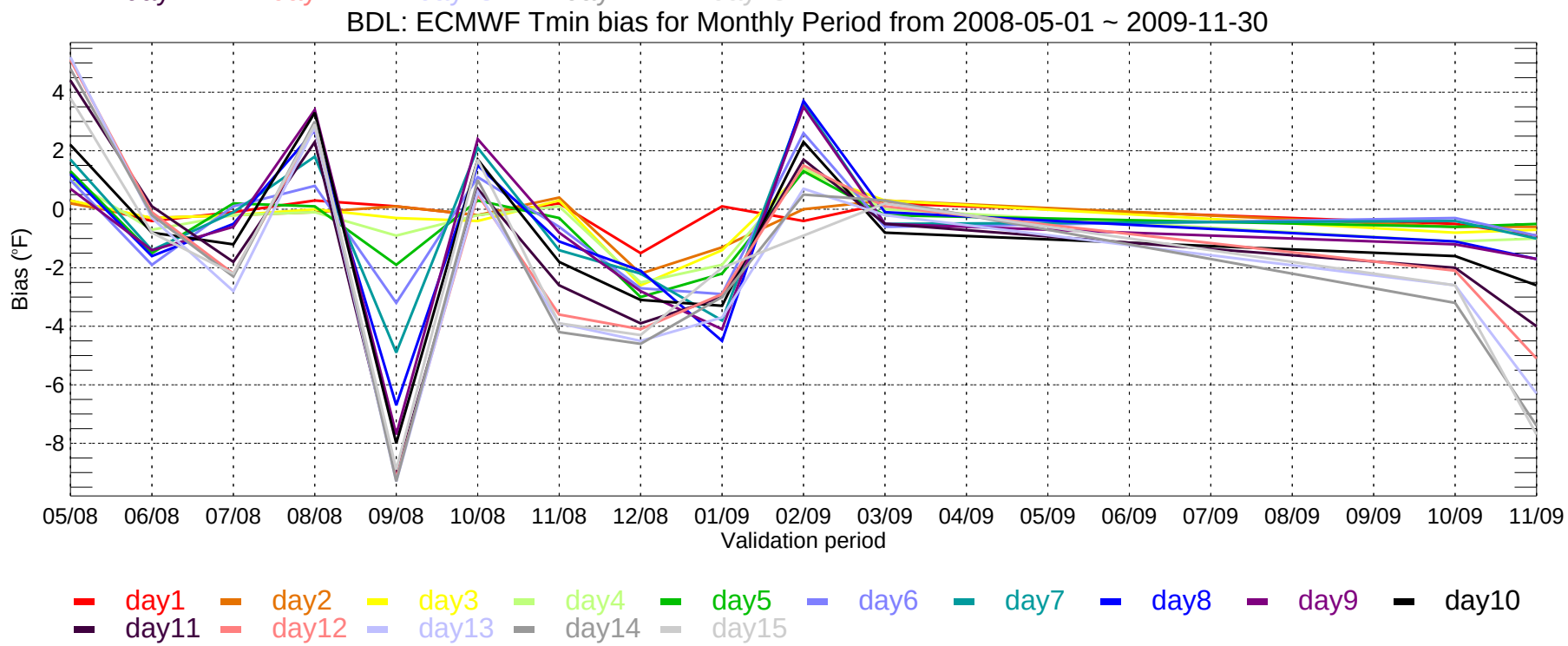
day15


BDL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
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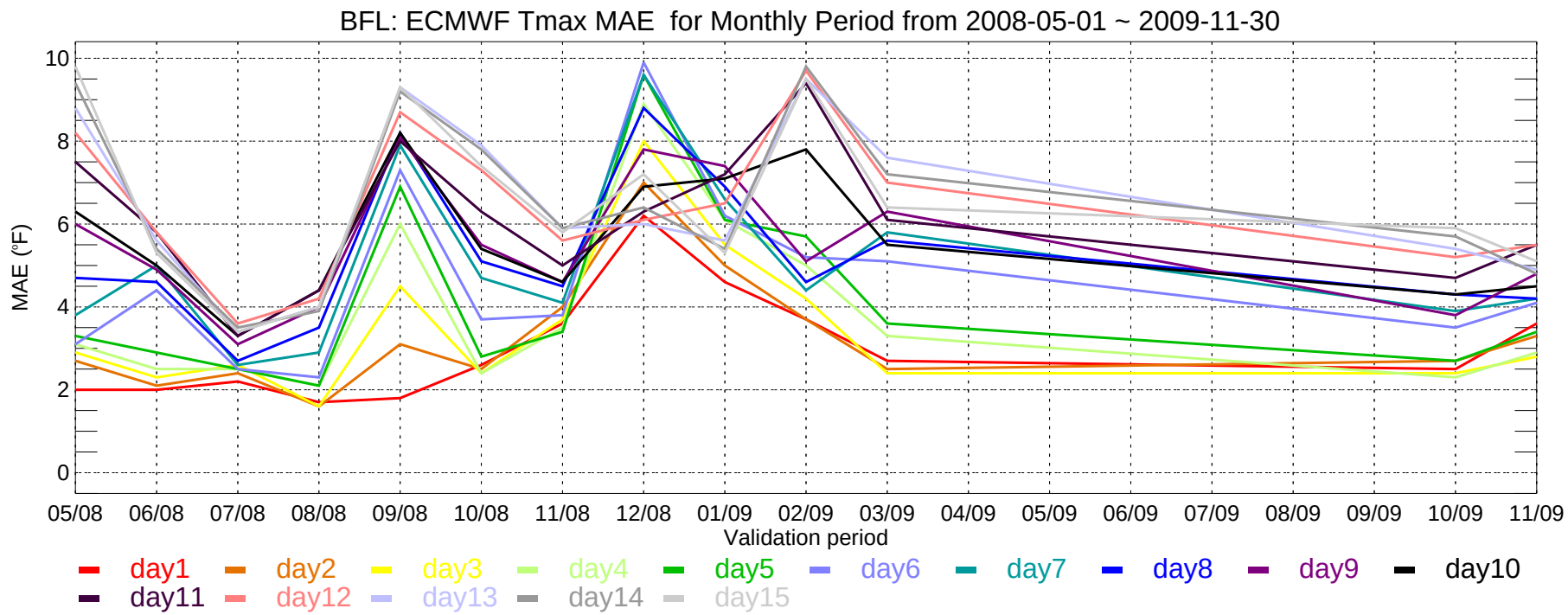
BFL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
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07/09
08/09
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11/09
Validation period
day1
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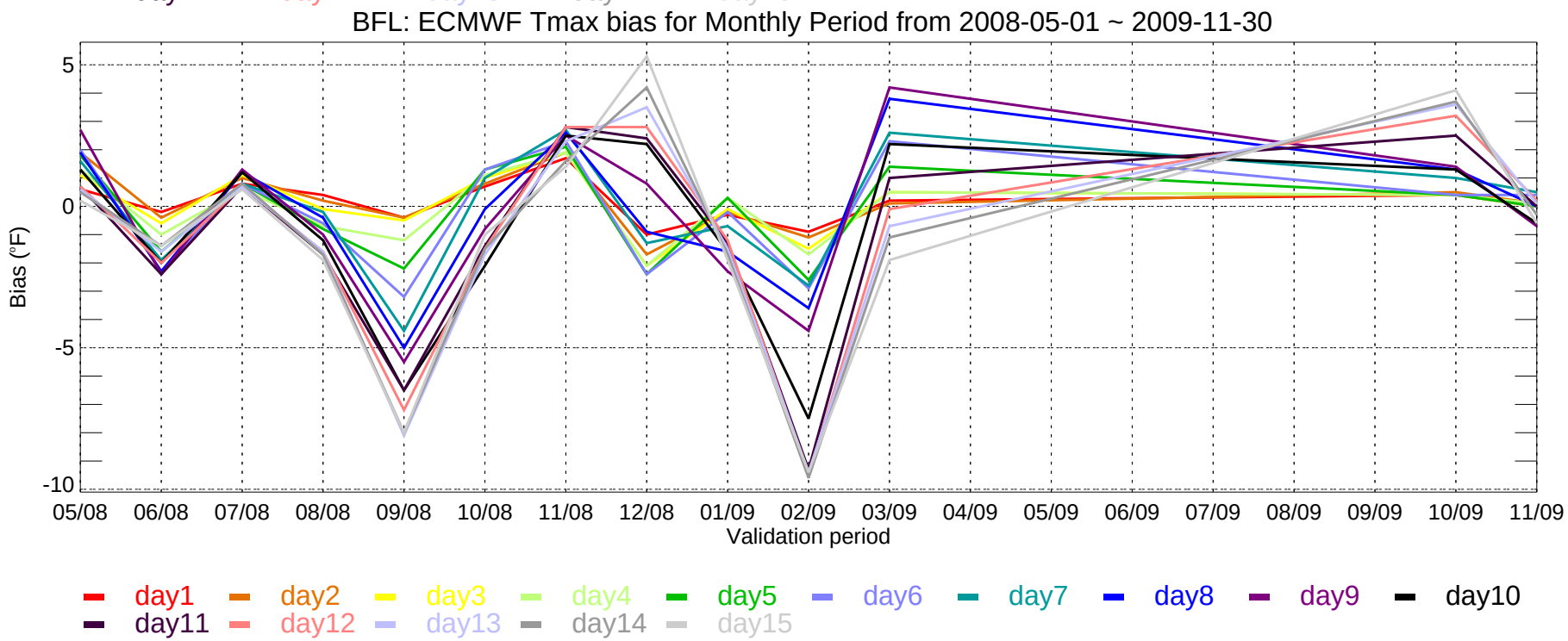
day15


BFL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
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11/09
Validation period
day1
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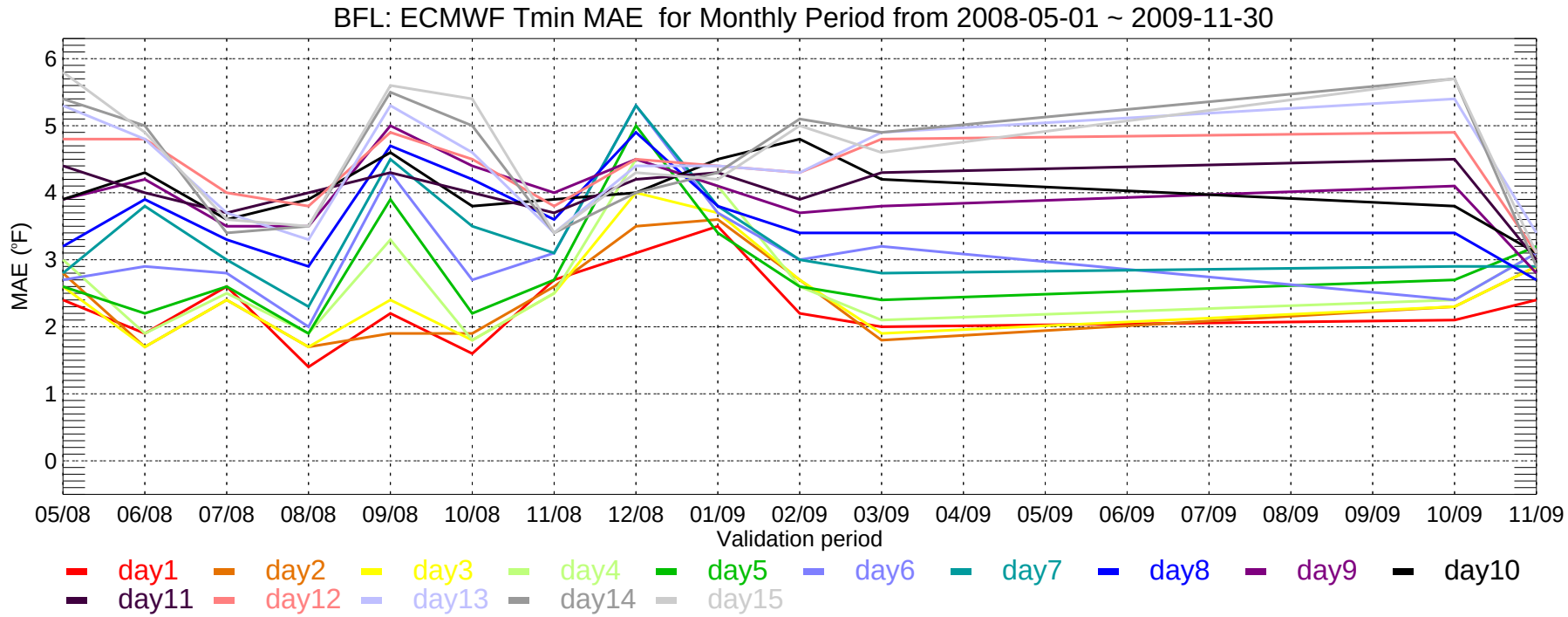
day15


BFL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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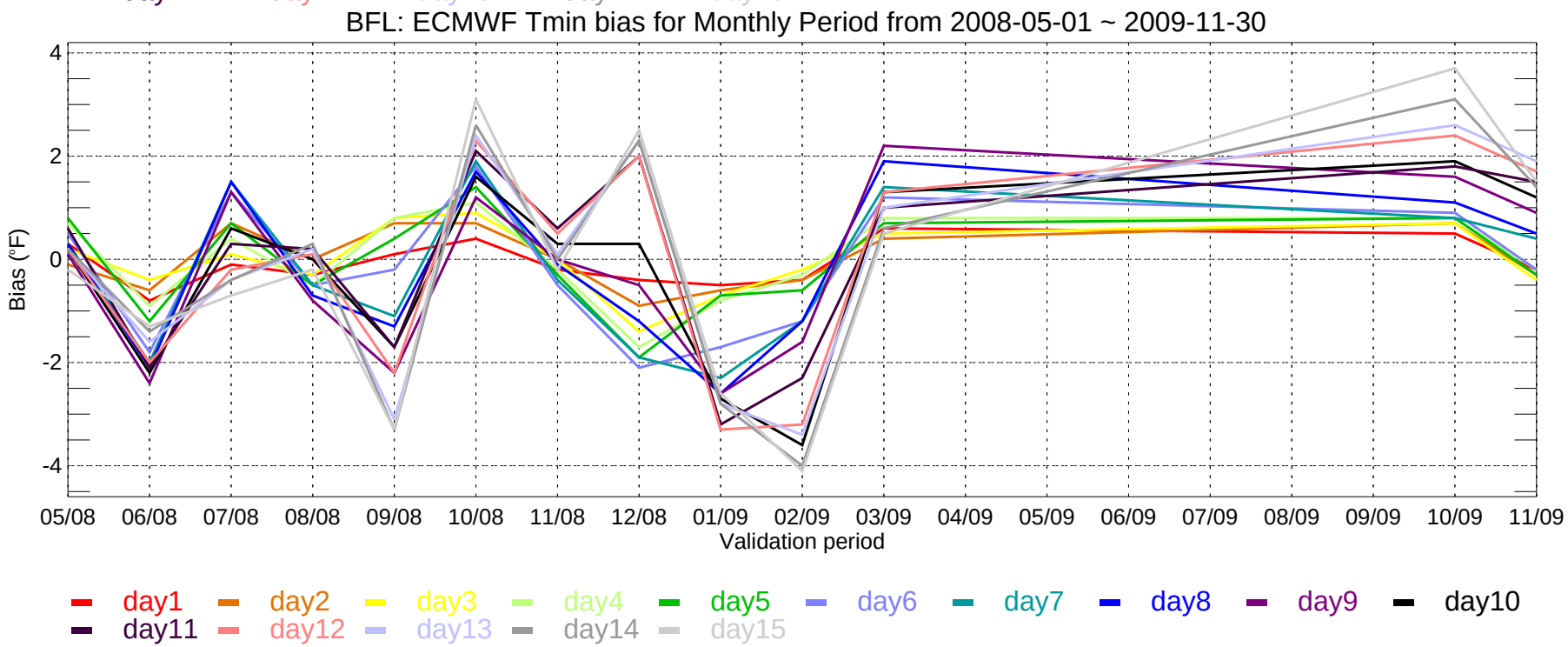
day14
day15


BFL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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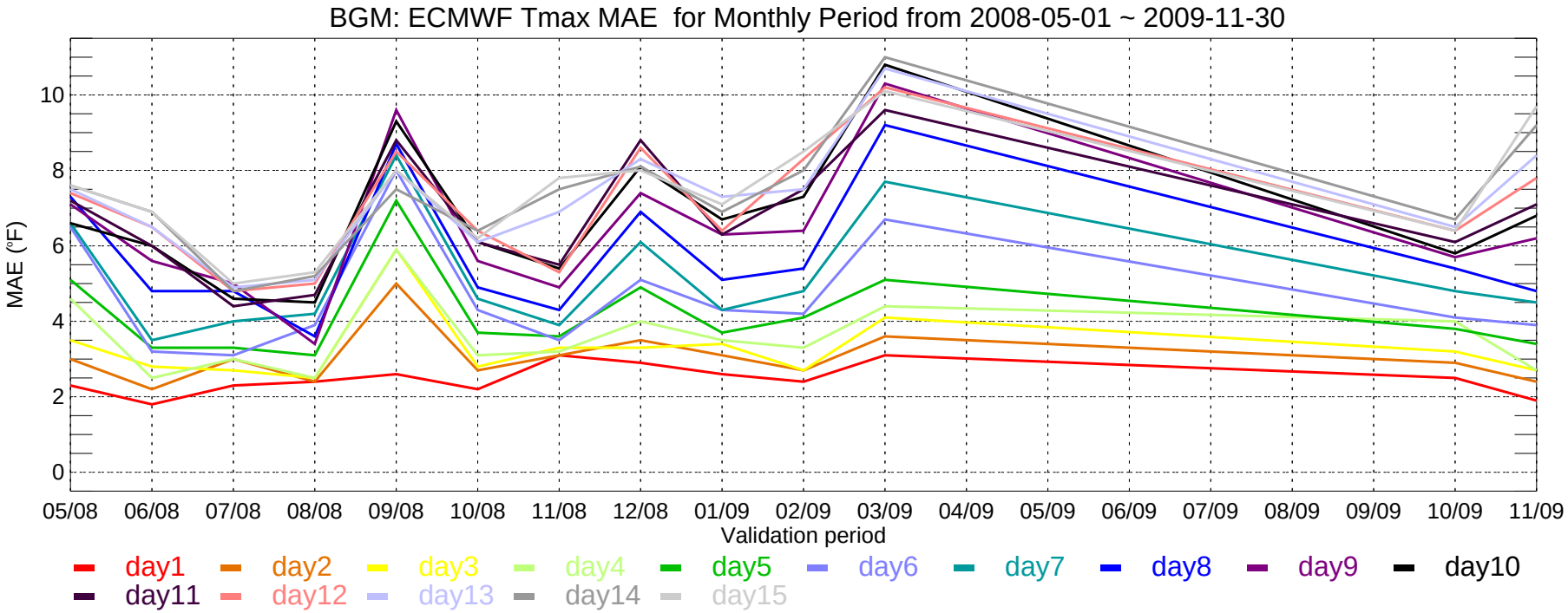
day14
day15


BGM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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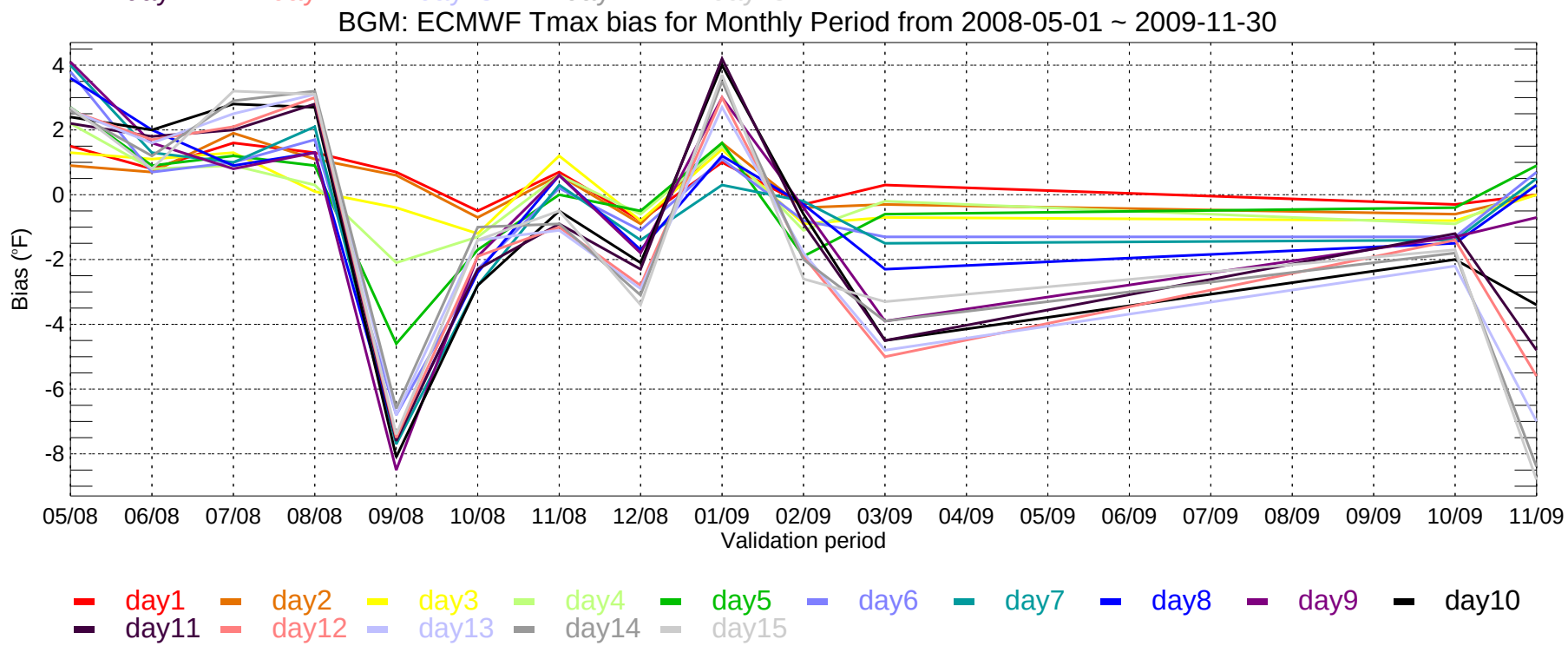
day12
day13
day14
day15


BGM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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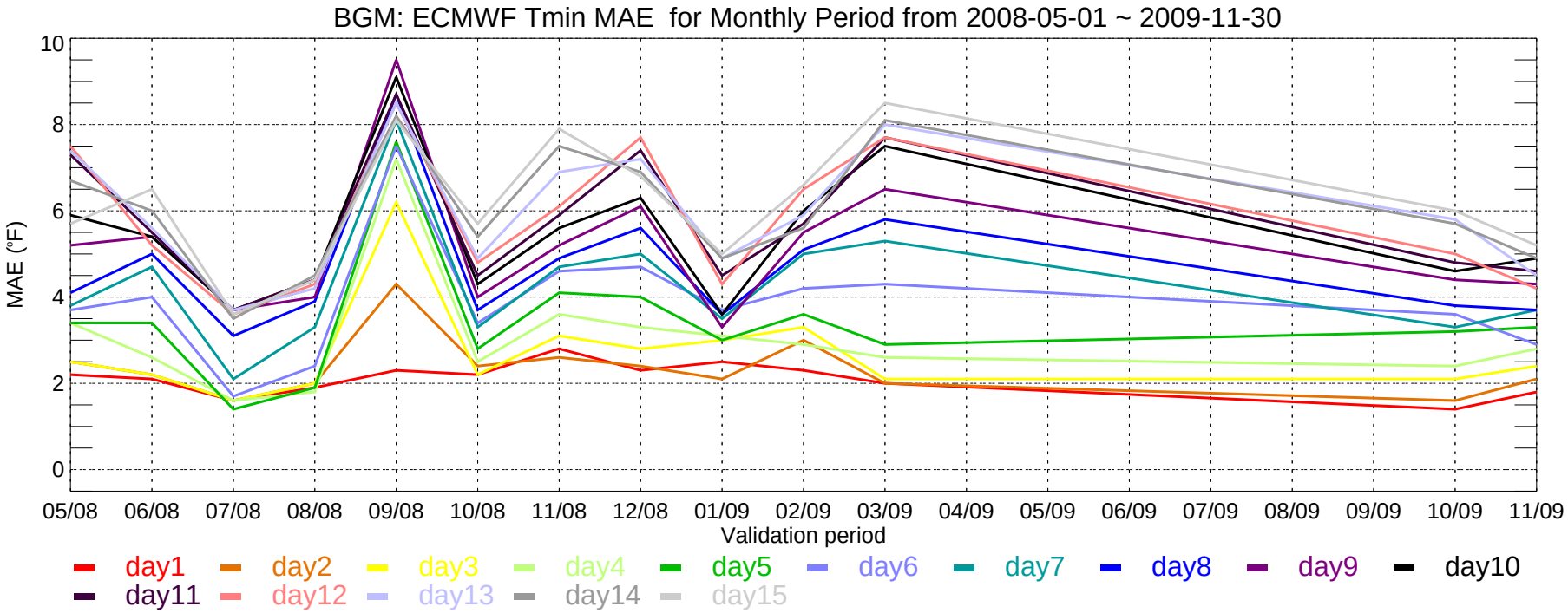
day14
day15


BGM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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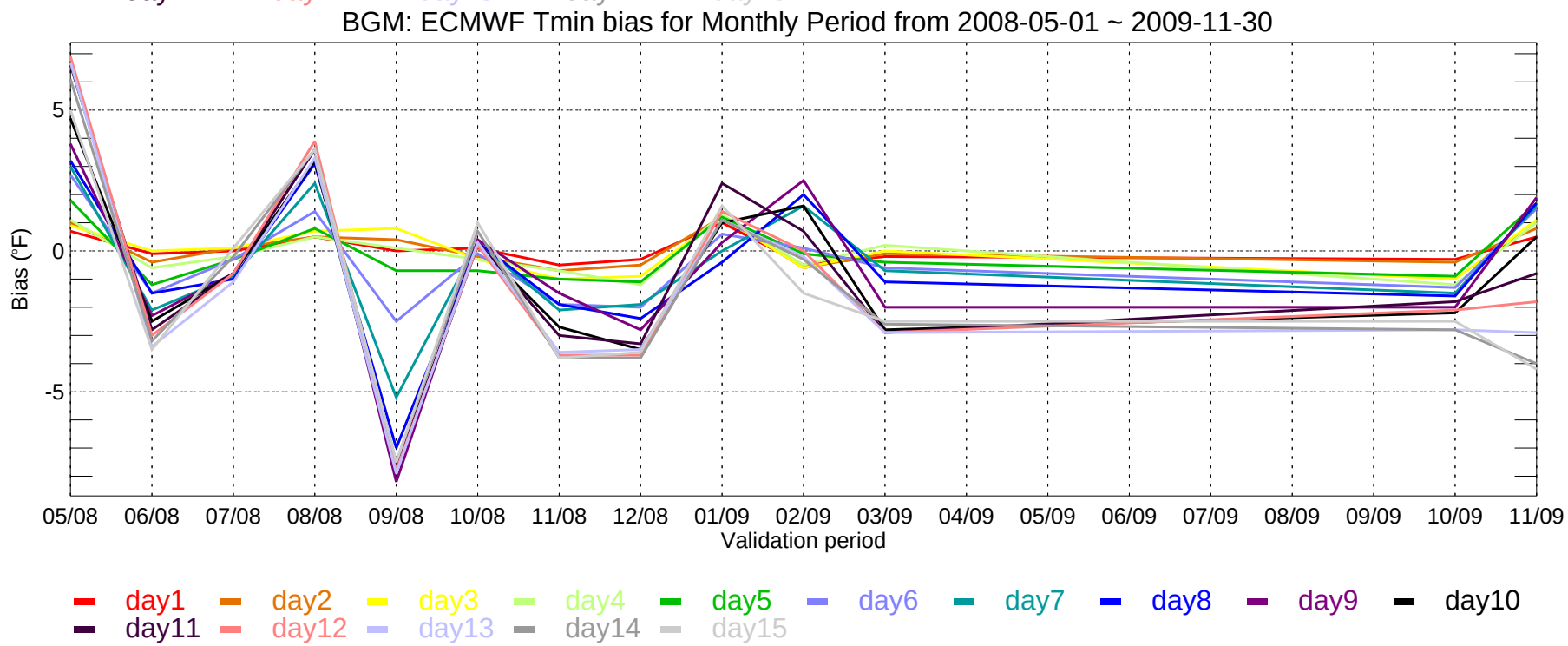
day13
day14
day15


BGM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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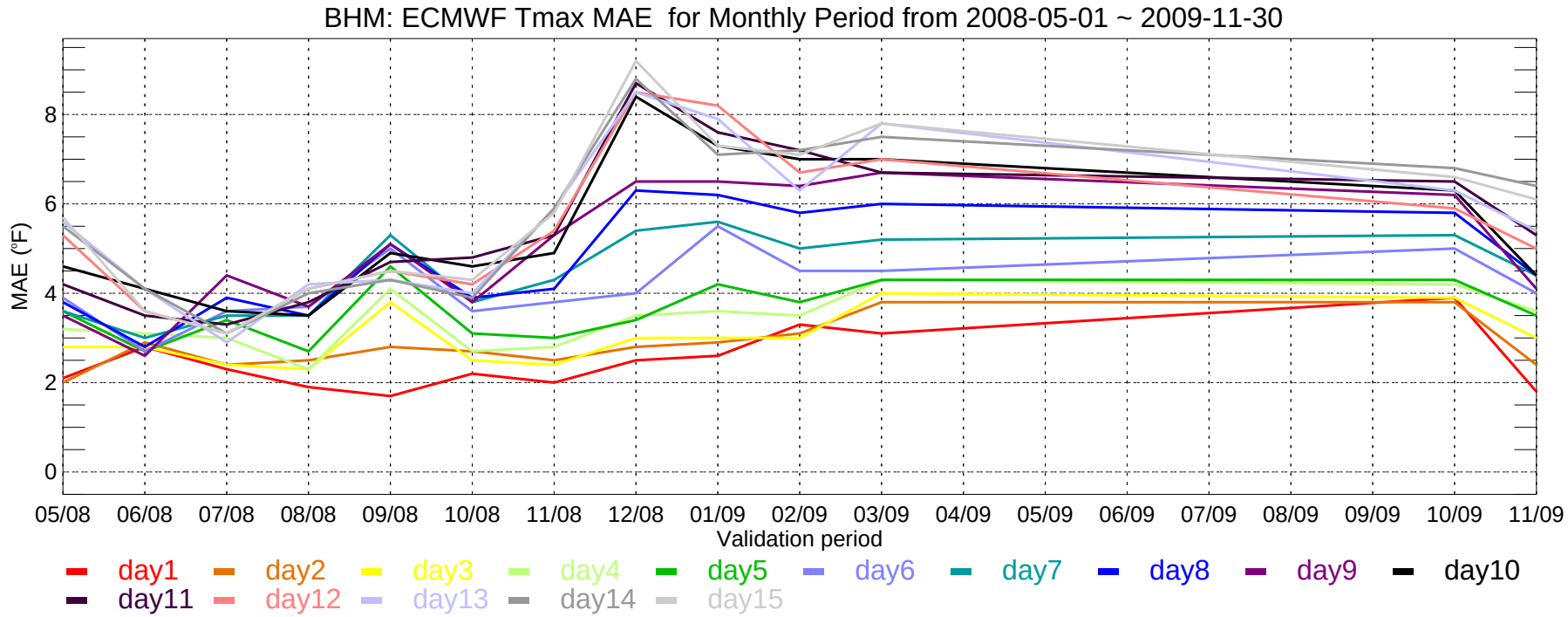
day15


BHM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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02/09
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10/09
11/09
Validation period
day1
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day3
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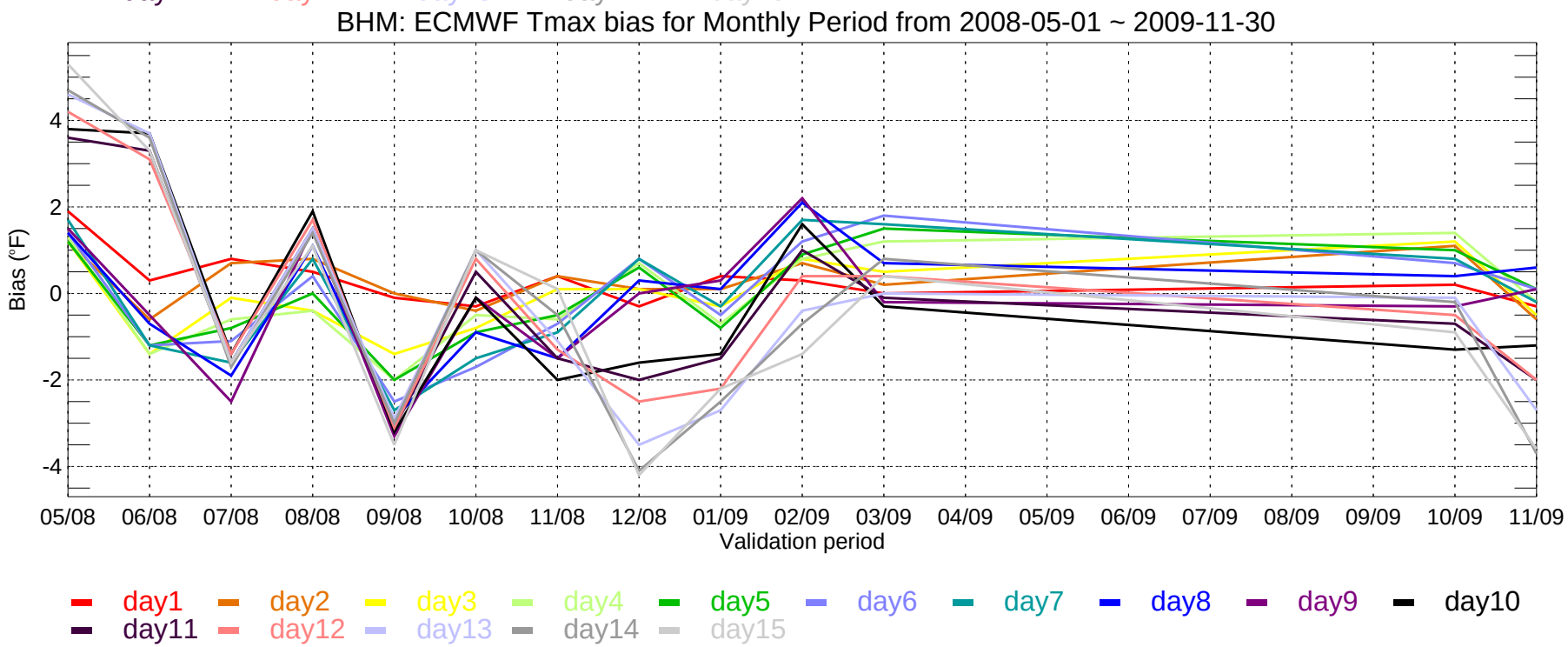
day15


BHM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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04/09
05/09
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10/09
11/09
Validation period
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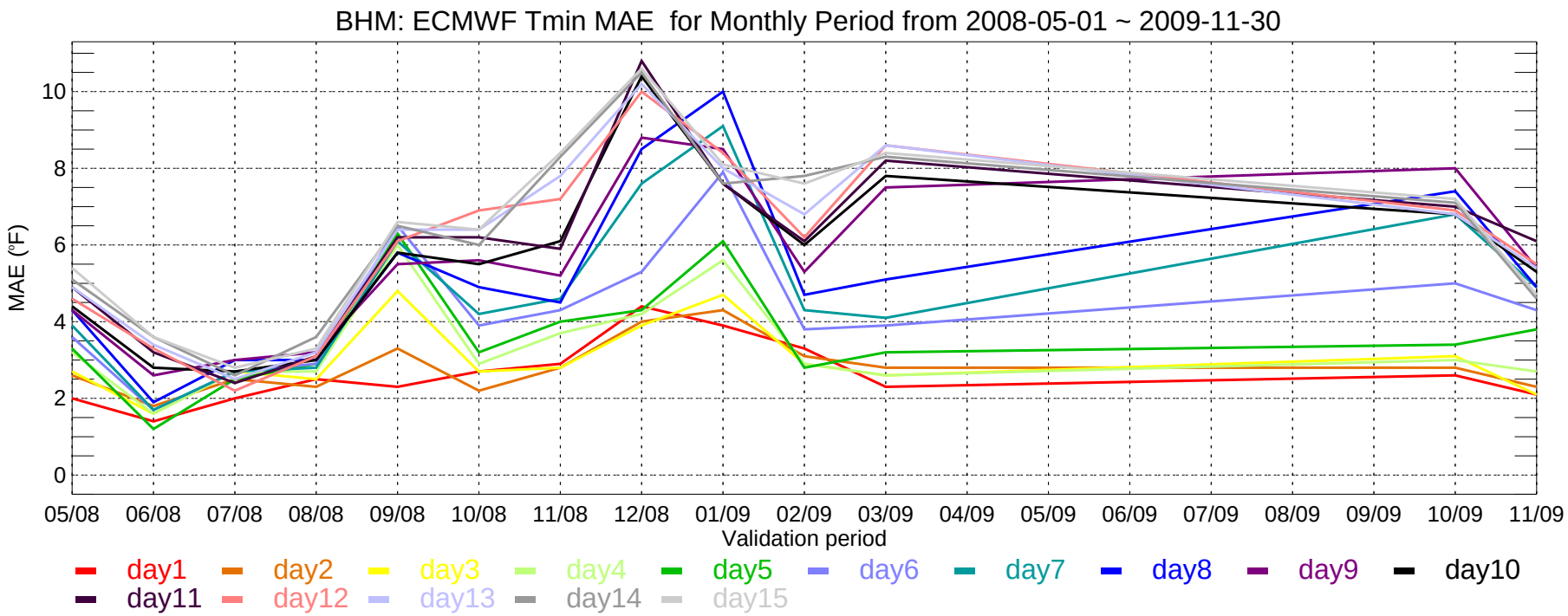
day15


BHM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
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6
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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09/09
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11/09
Validation period
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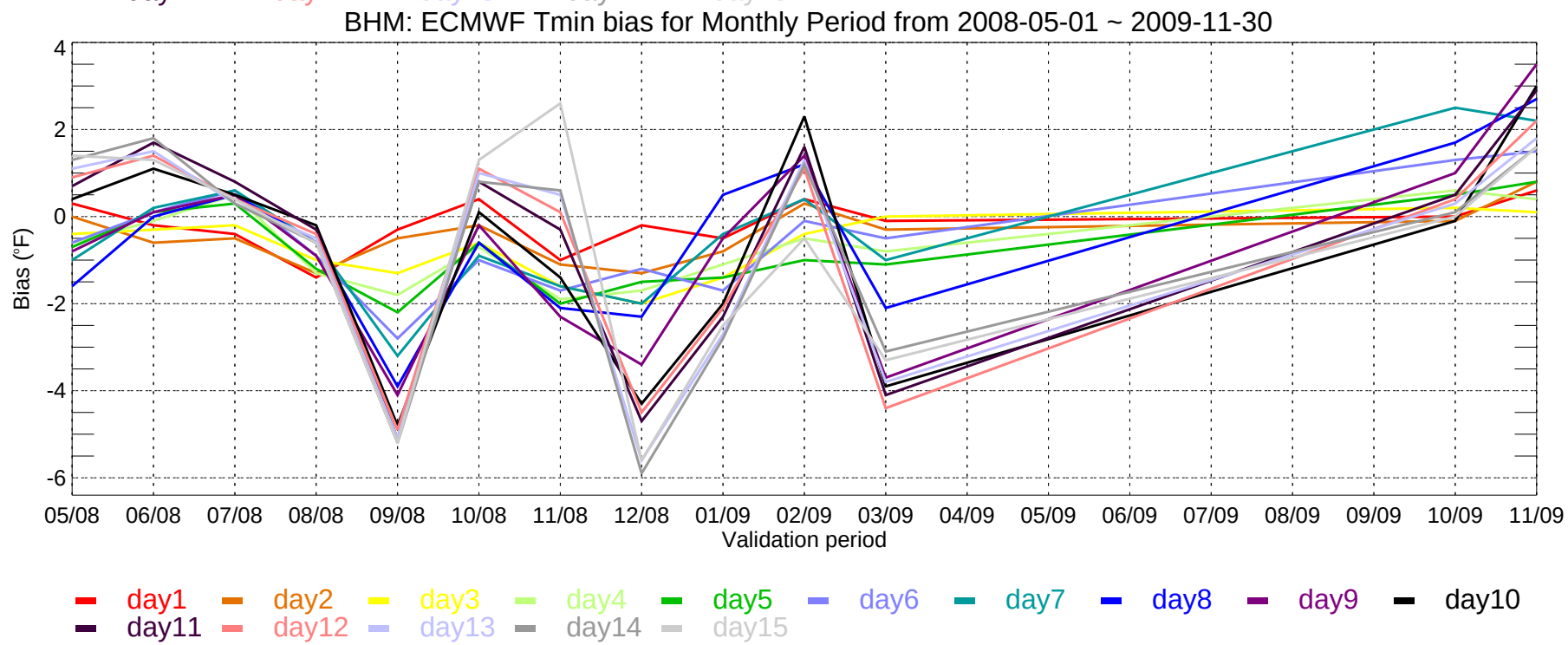
day15


BHM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
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-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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11/09
Validation period
day1
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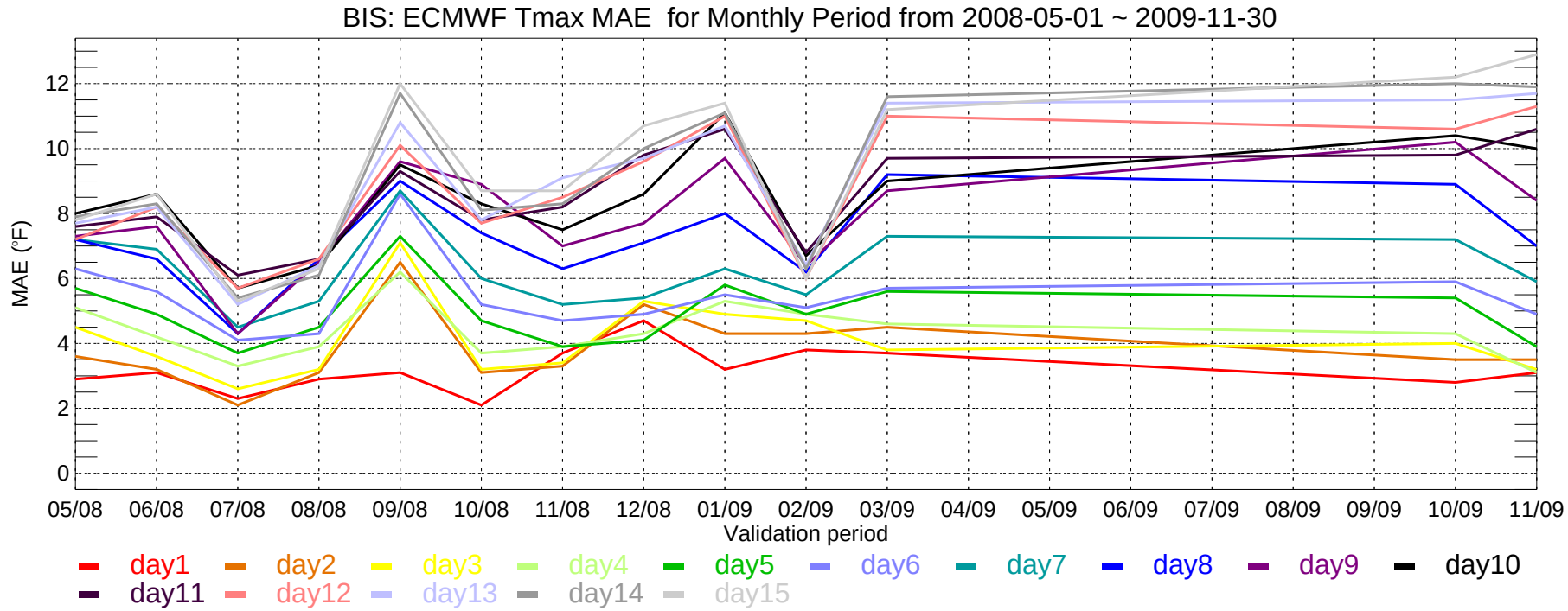
BIS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
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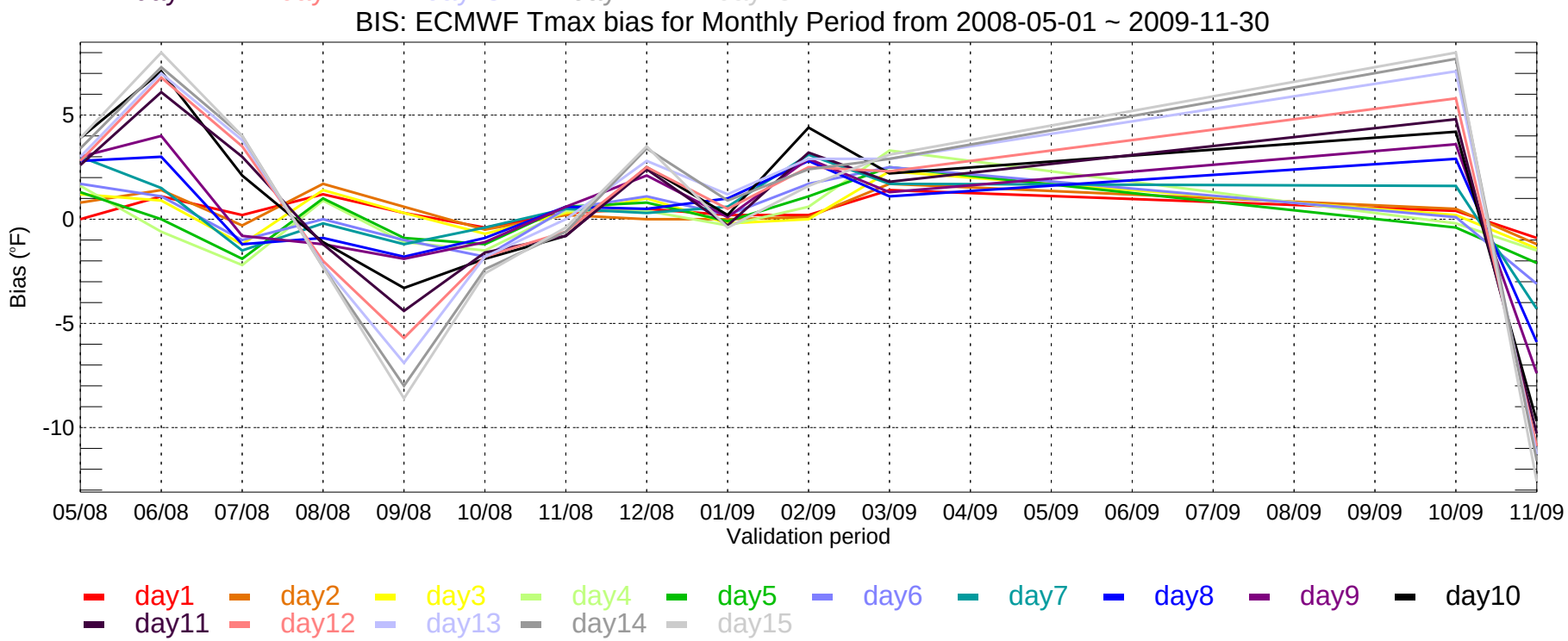
day14
day15


BIS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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08/09
09/09
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11/09
Validation period
day1
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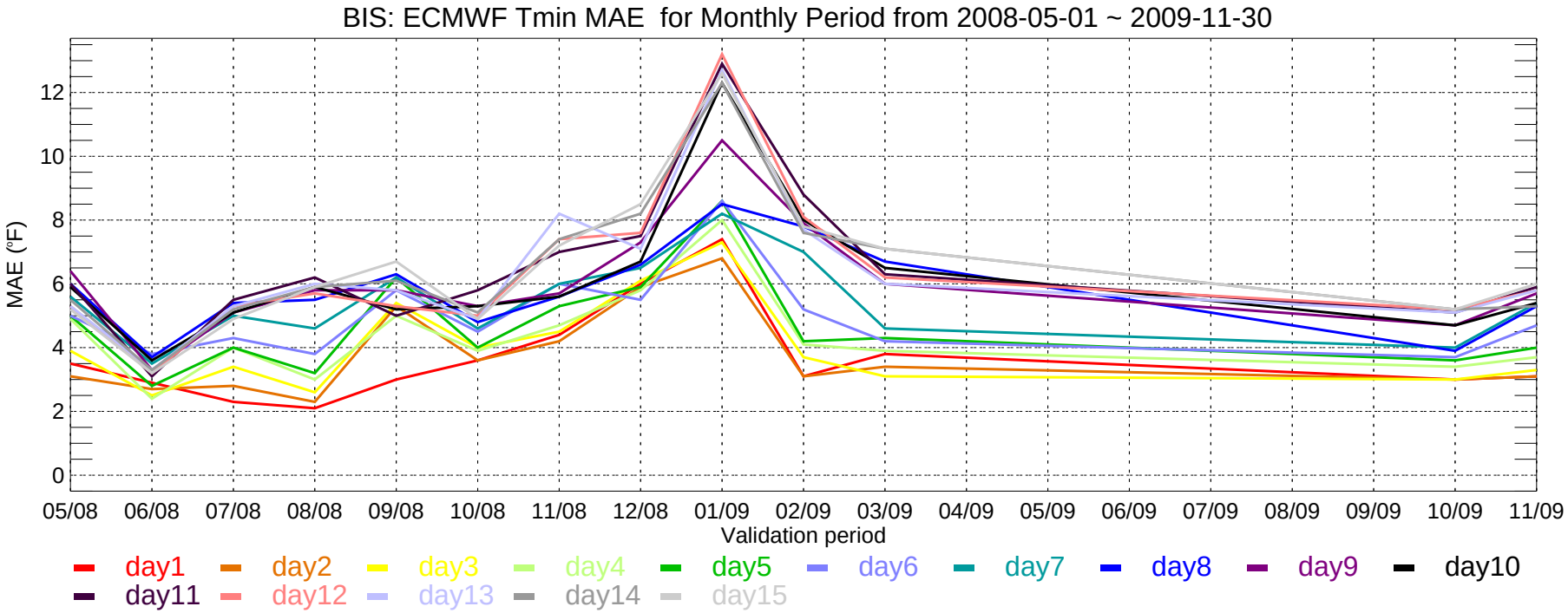
day15


BIS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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day4
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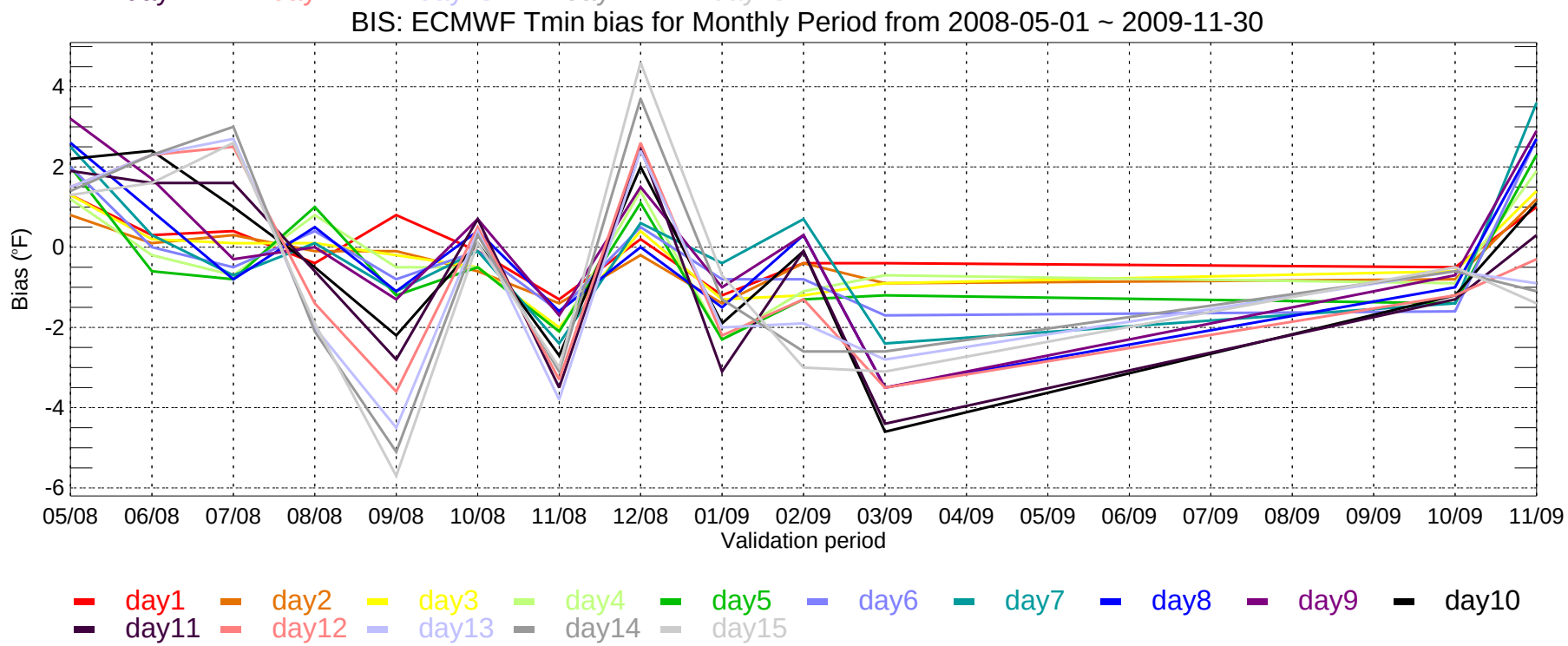
day15


BIS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
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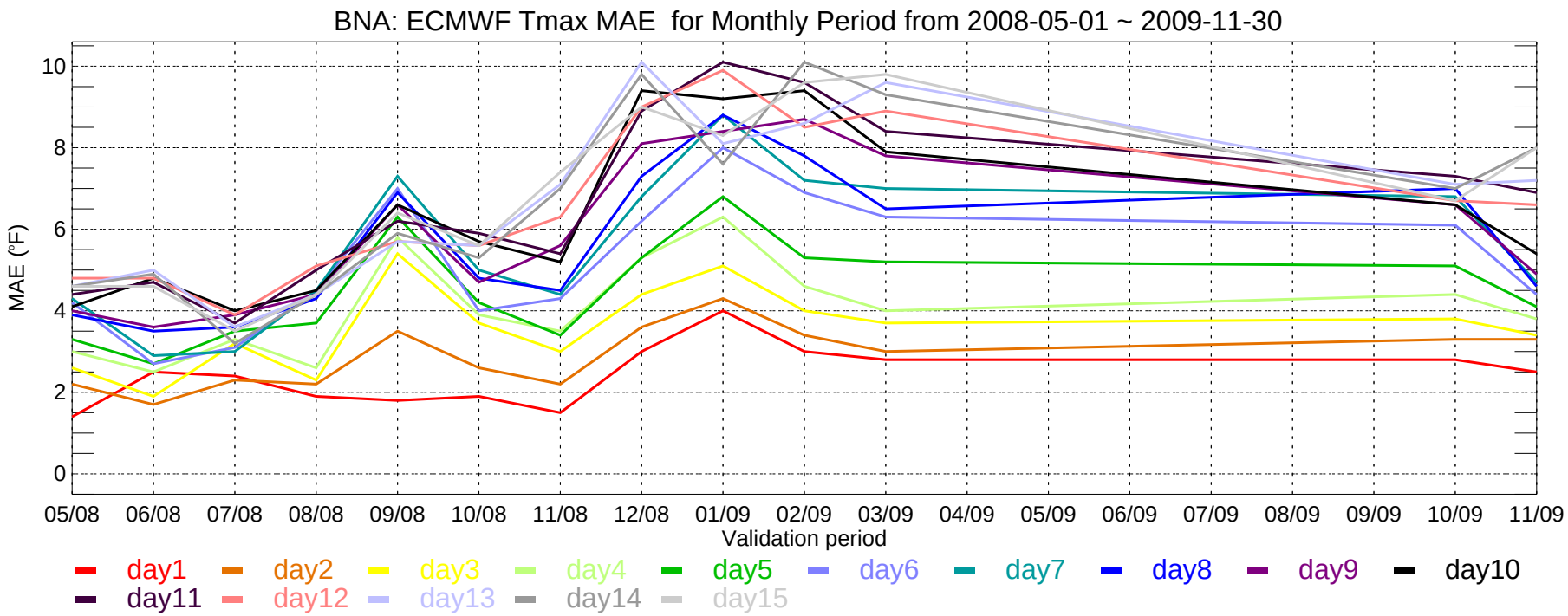
day15


BNA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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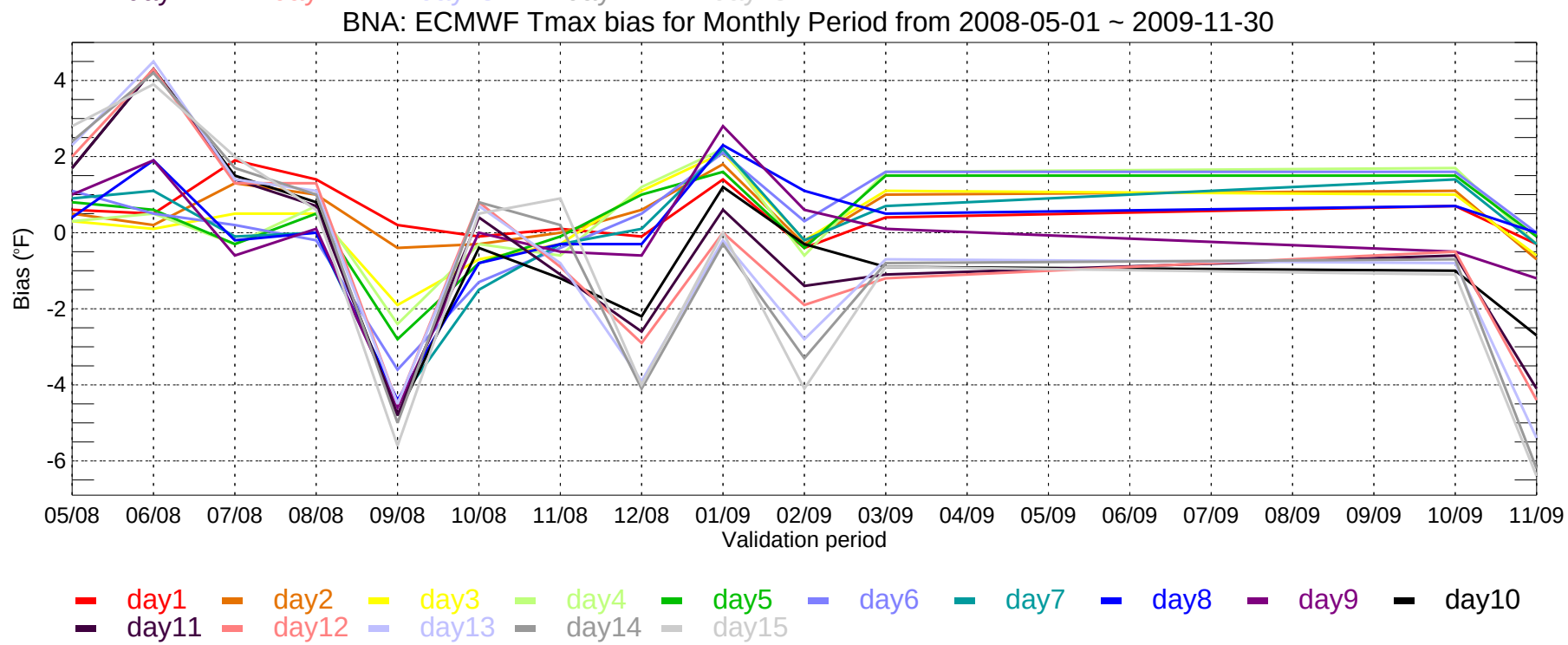
day14
day15


BNA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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07/09
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10/09
11/09
Validation period
day1
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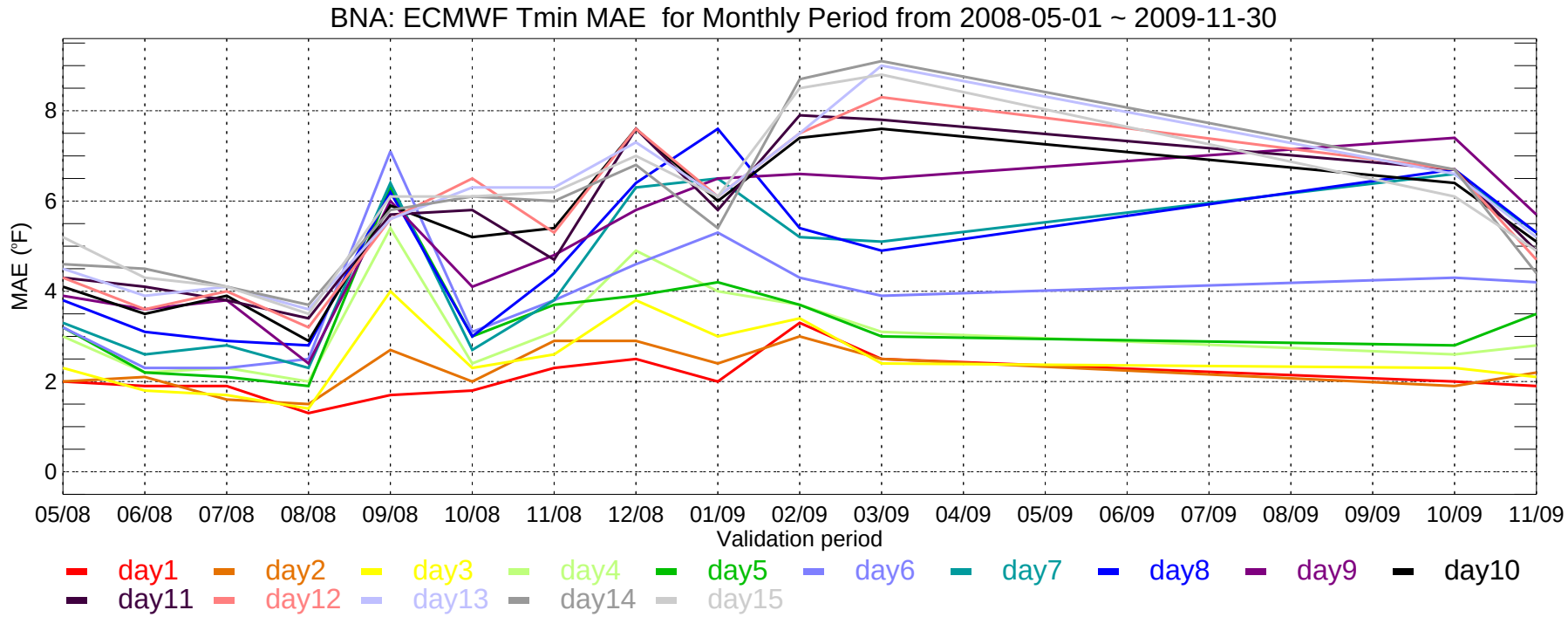
day14
day15


BNA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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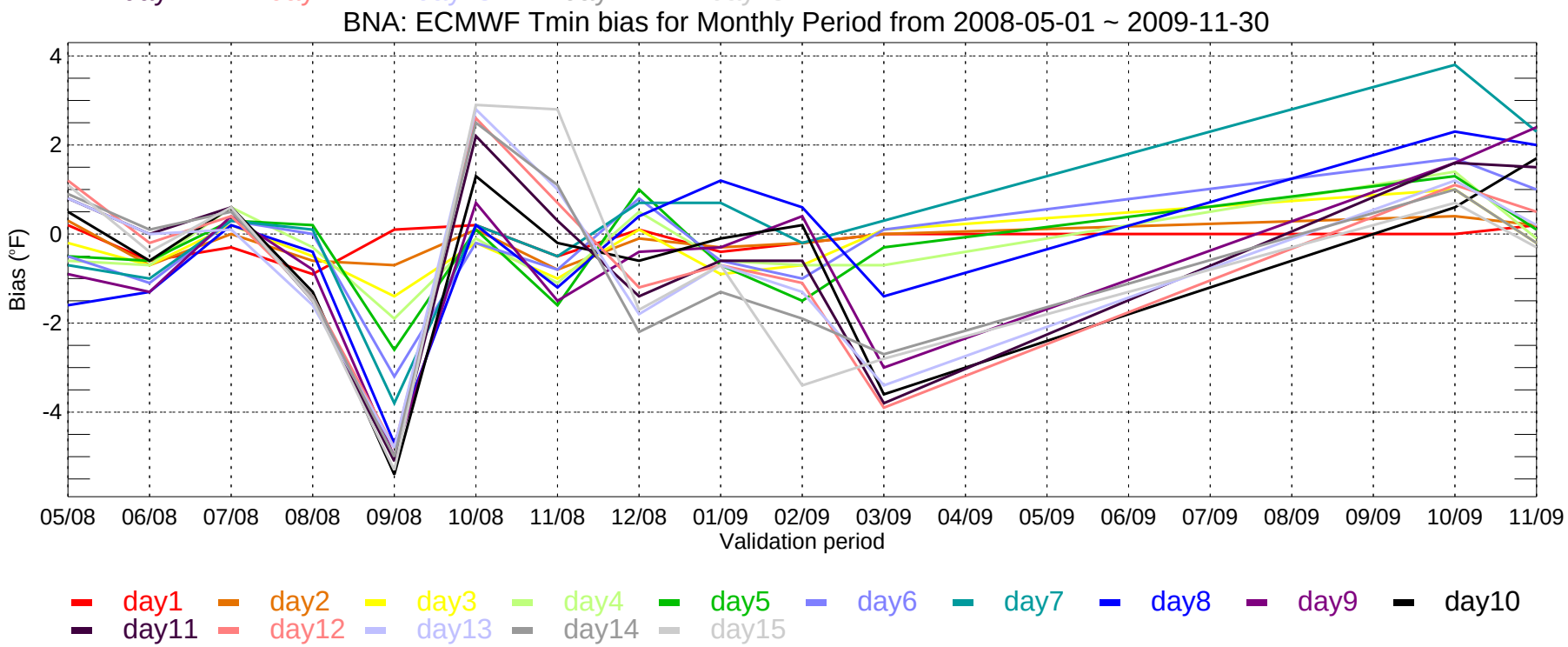
day15


BNA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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04/09
05/09
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11/09
Validation period
day1
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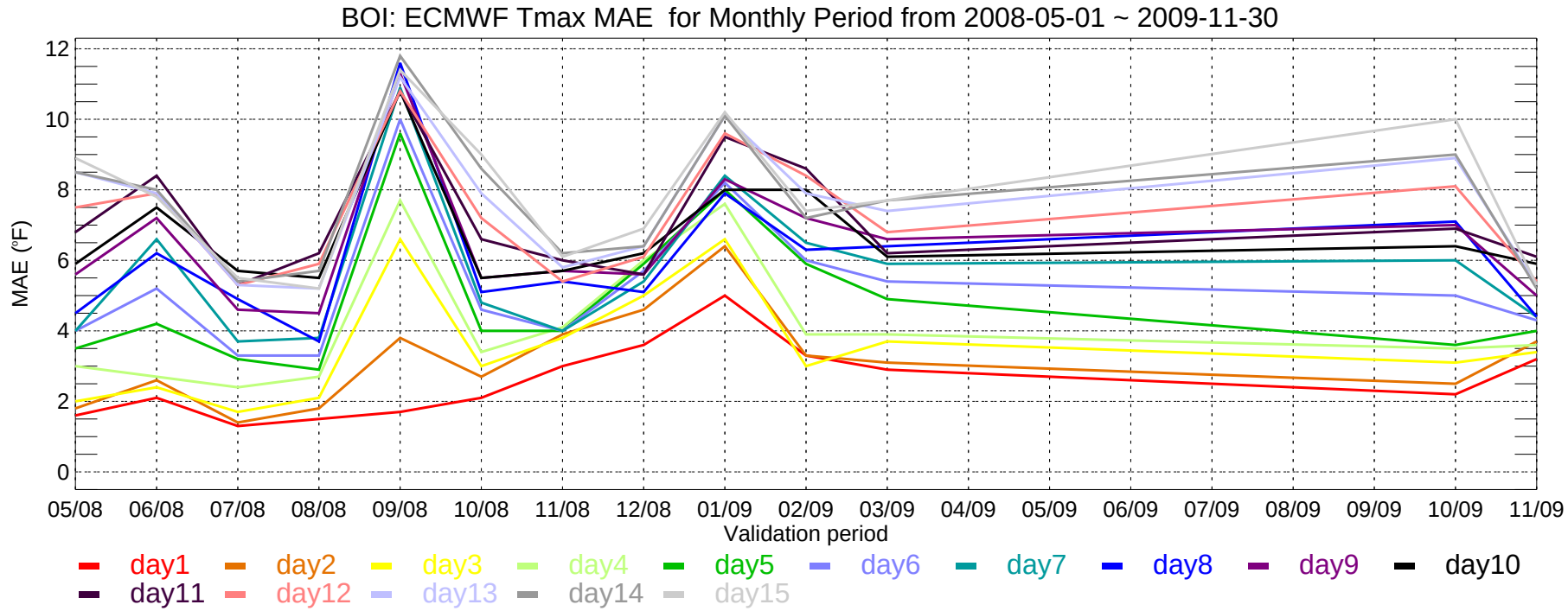
day15


BOI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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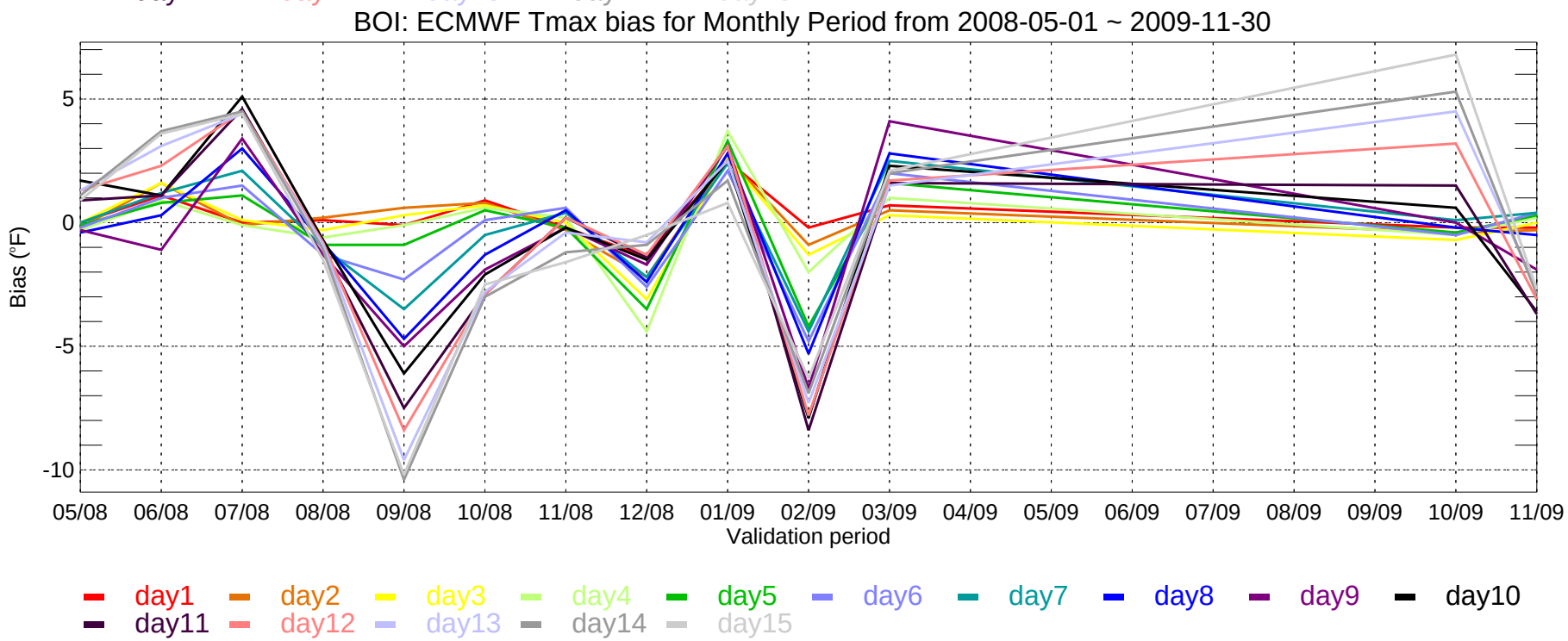
day15


BOI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
day1
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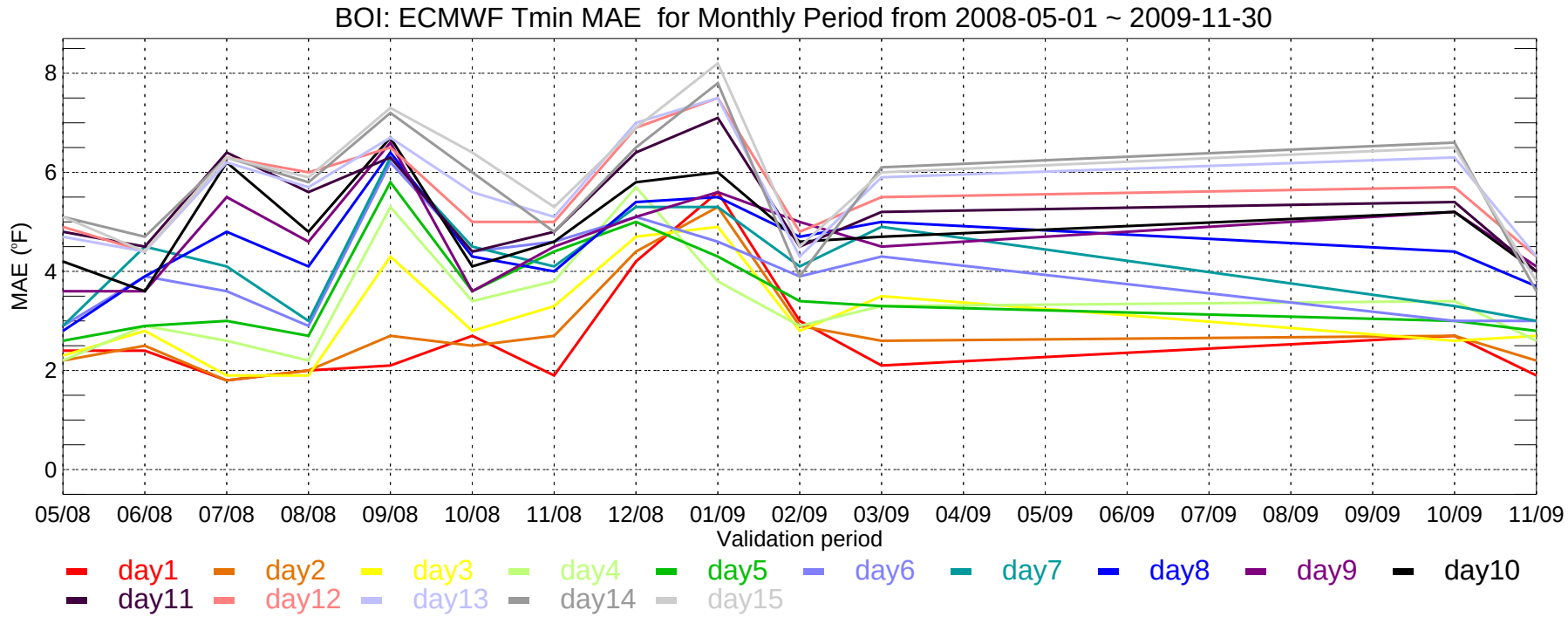
BOI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
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12/08
01/09
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11/09
Validation period
day1
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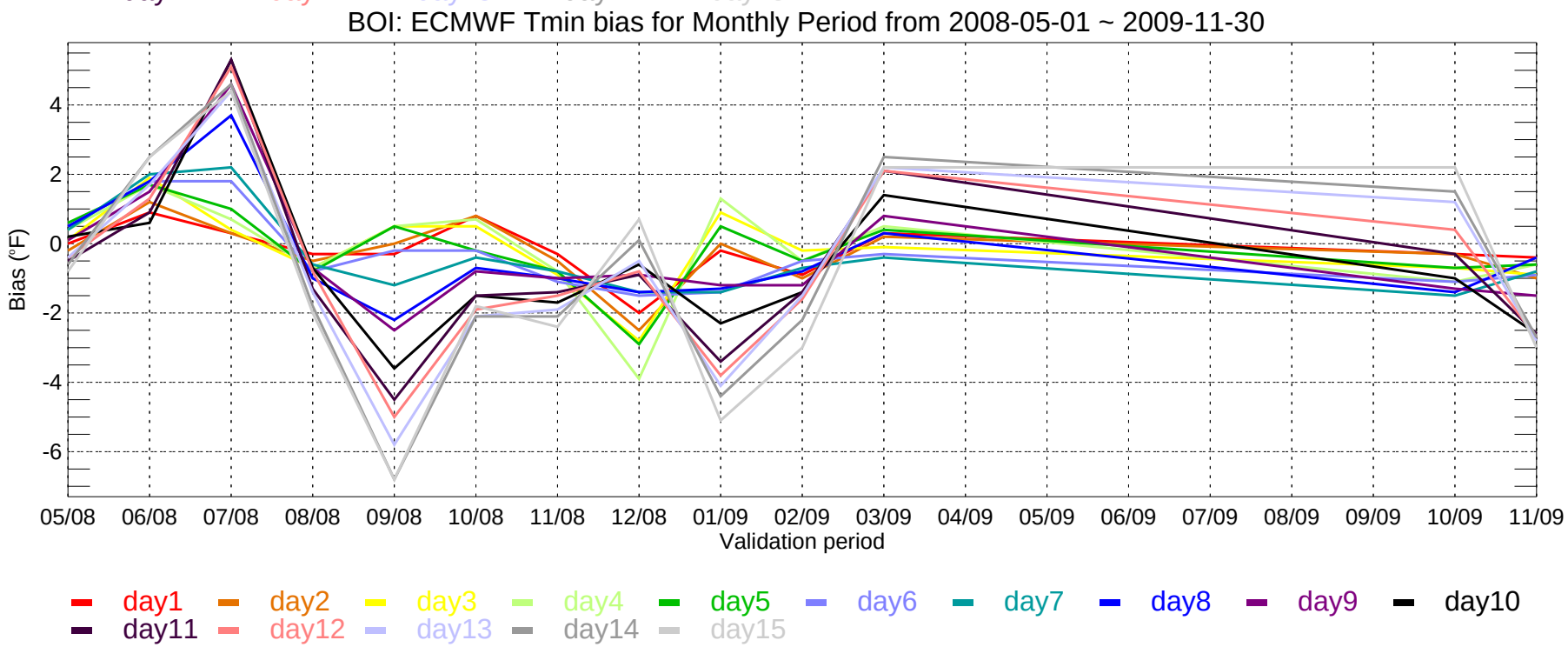
BOI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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11/09
Validation period
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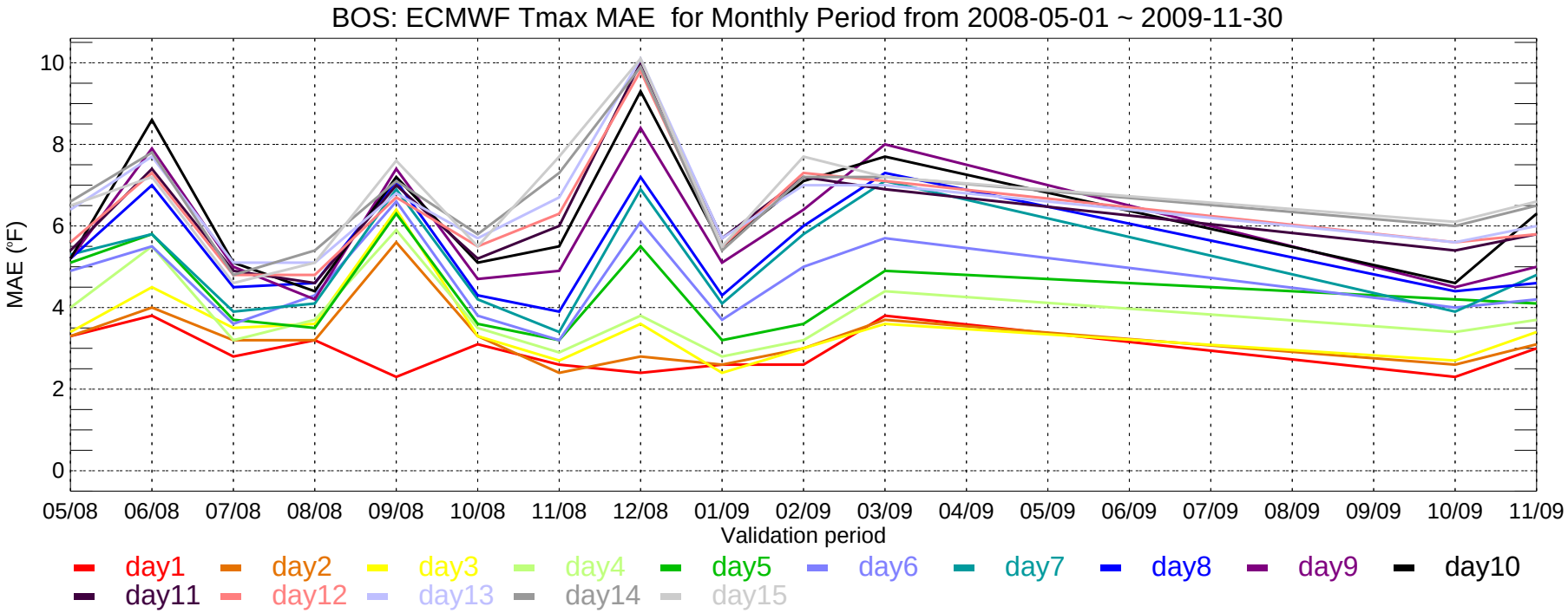
BOS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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11/09
Validation period
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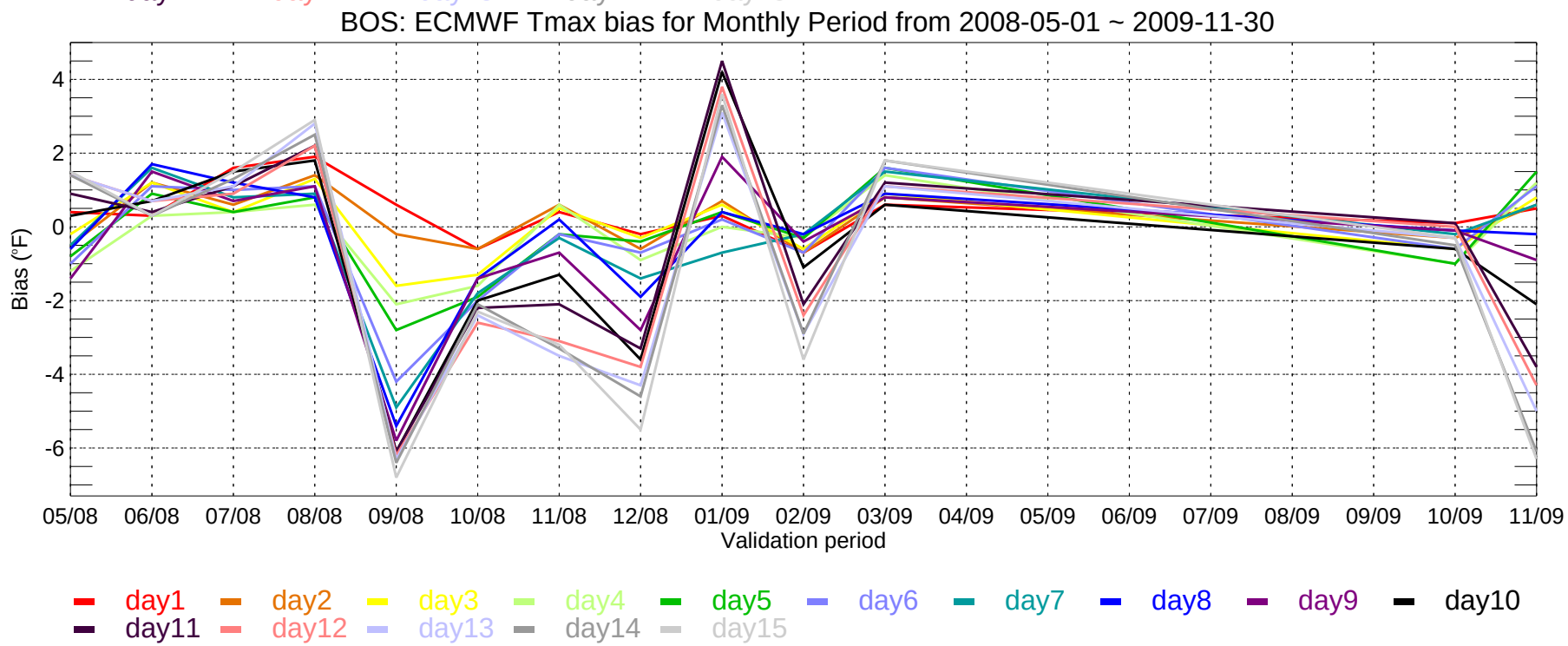
BOS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
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-2
-4
-6
05/08
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08/08
09/08
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11/08
12/08
01/09
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11/09
Validation period
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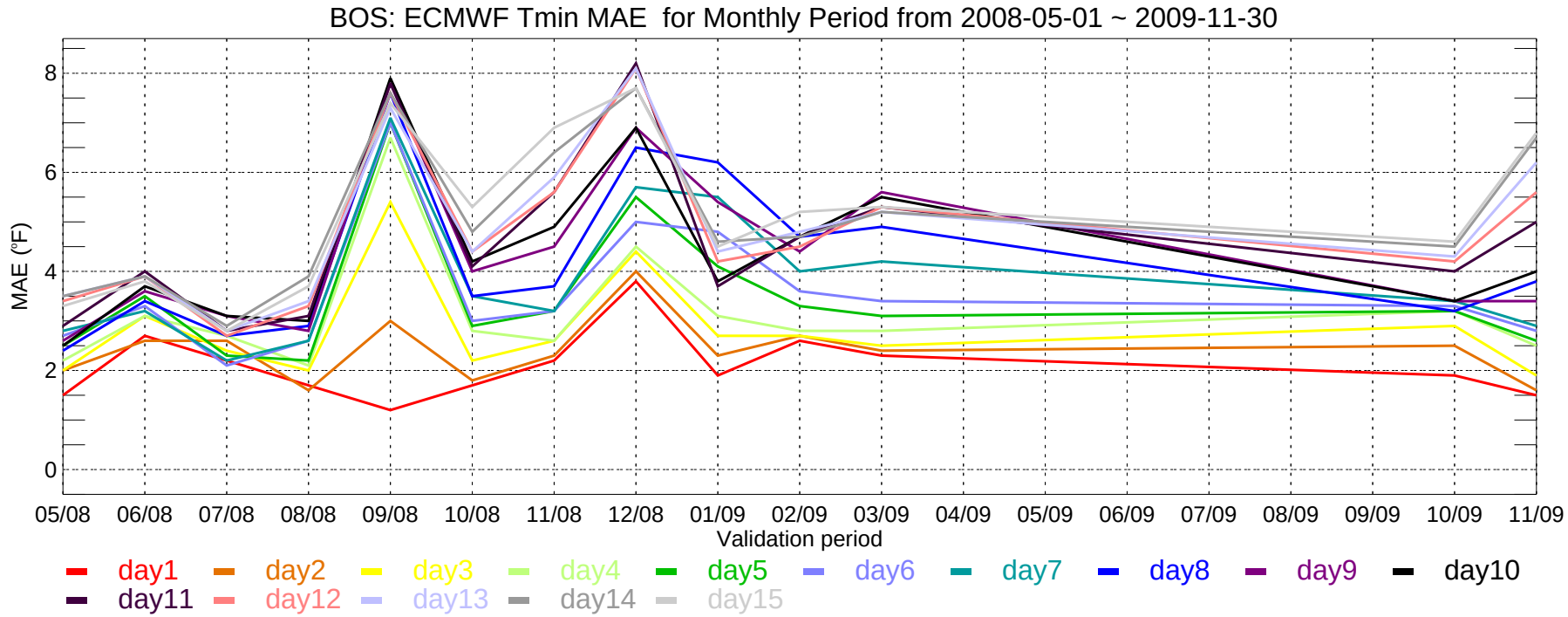
day14
day15


BOS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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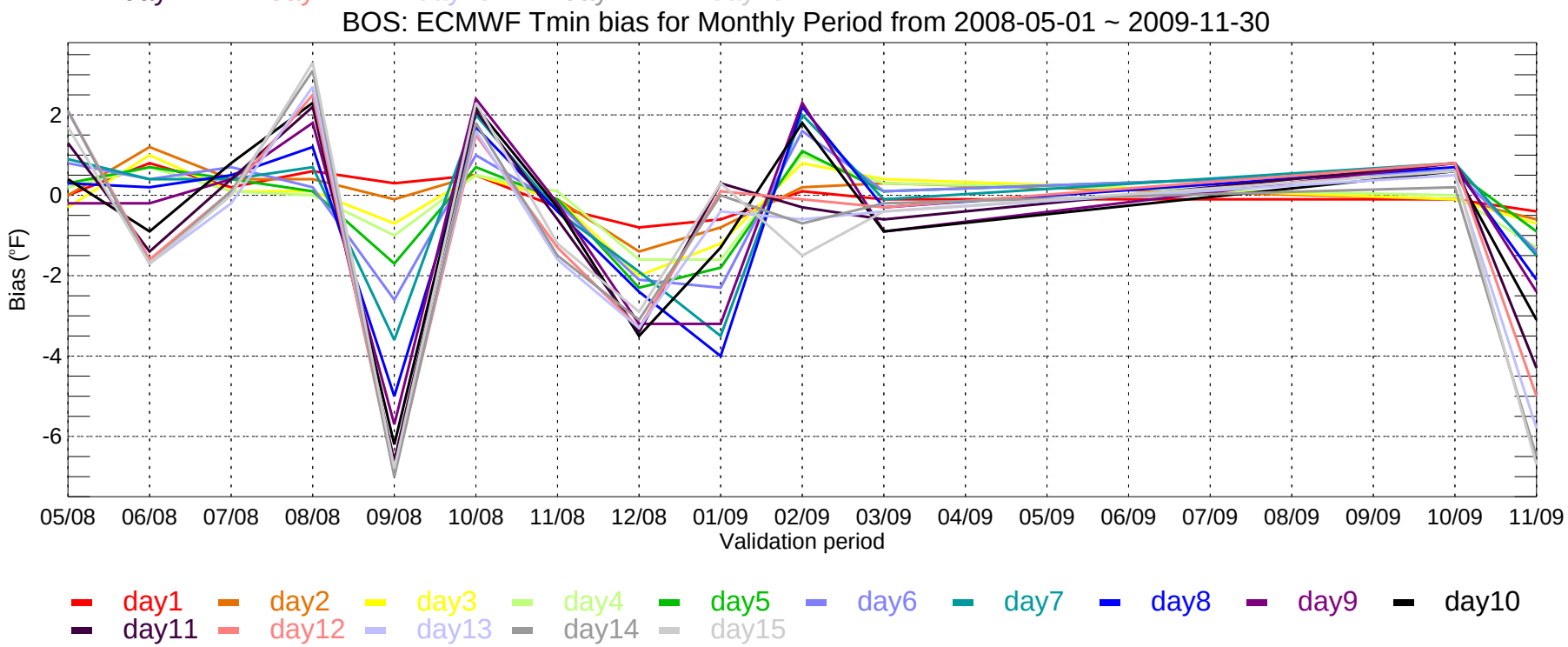
day11
day12
day13
day14
day15


BOS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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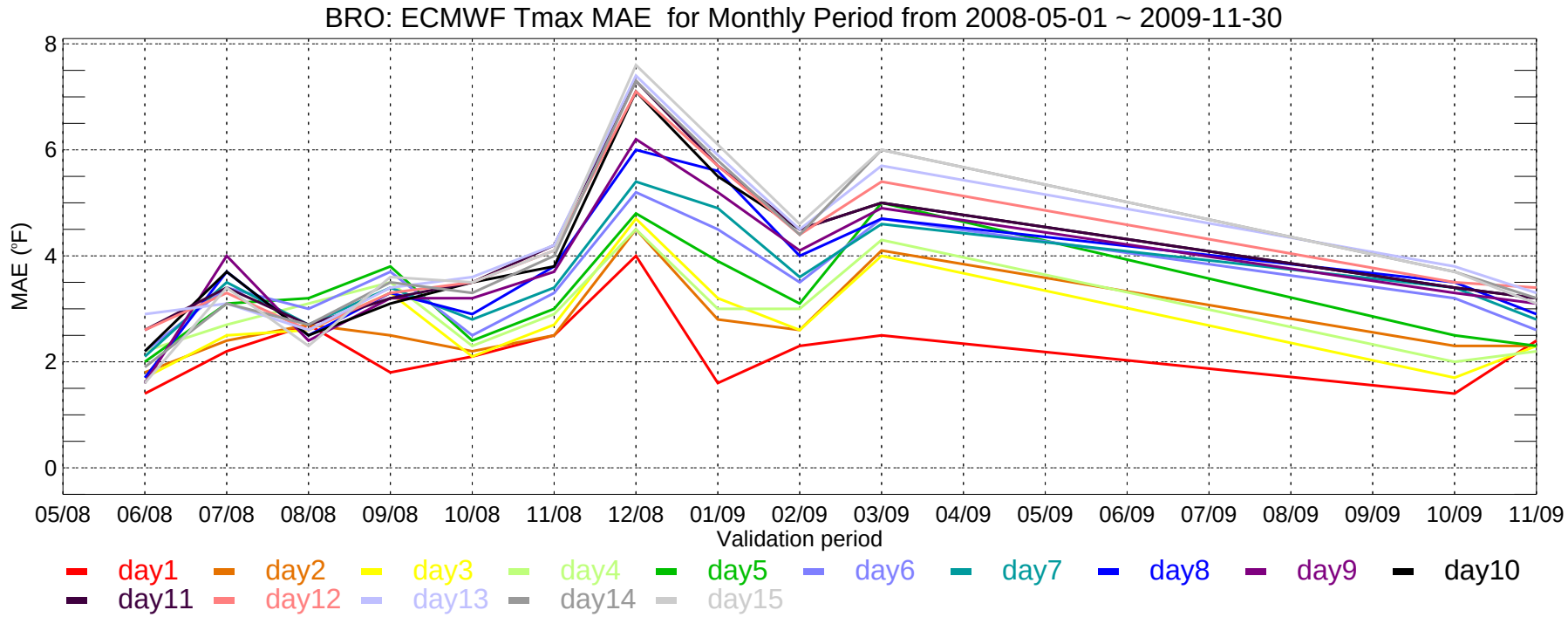
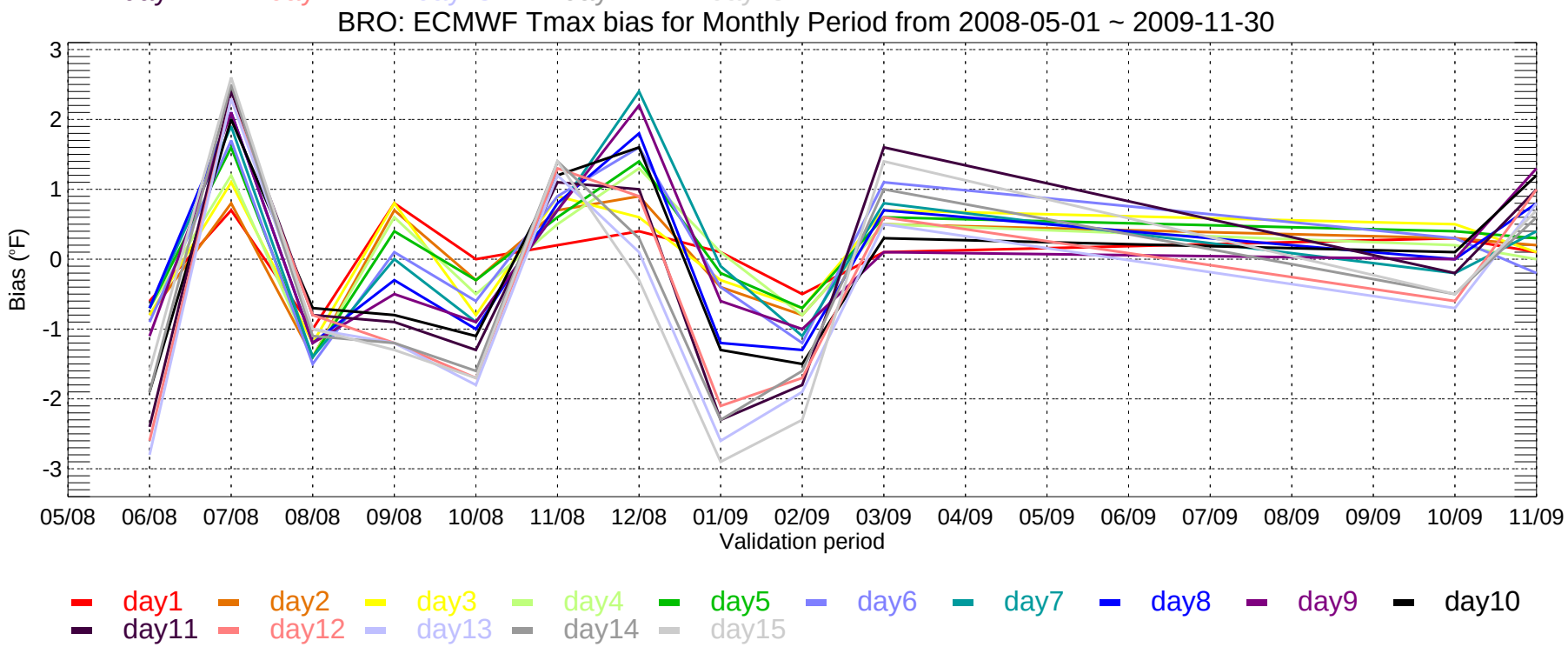
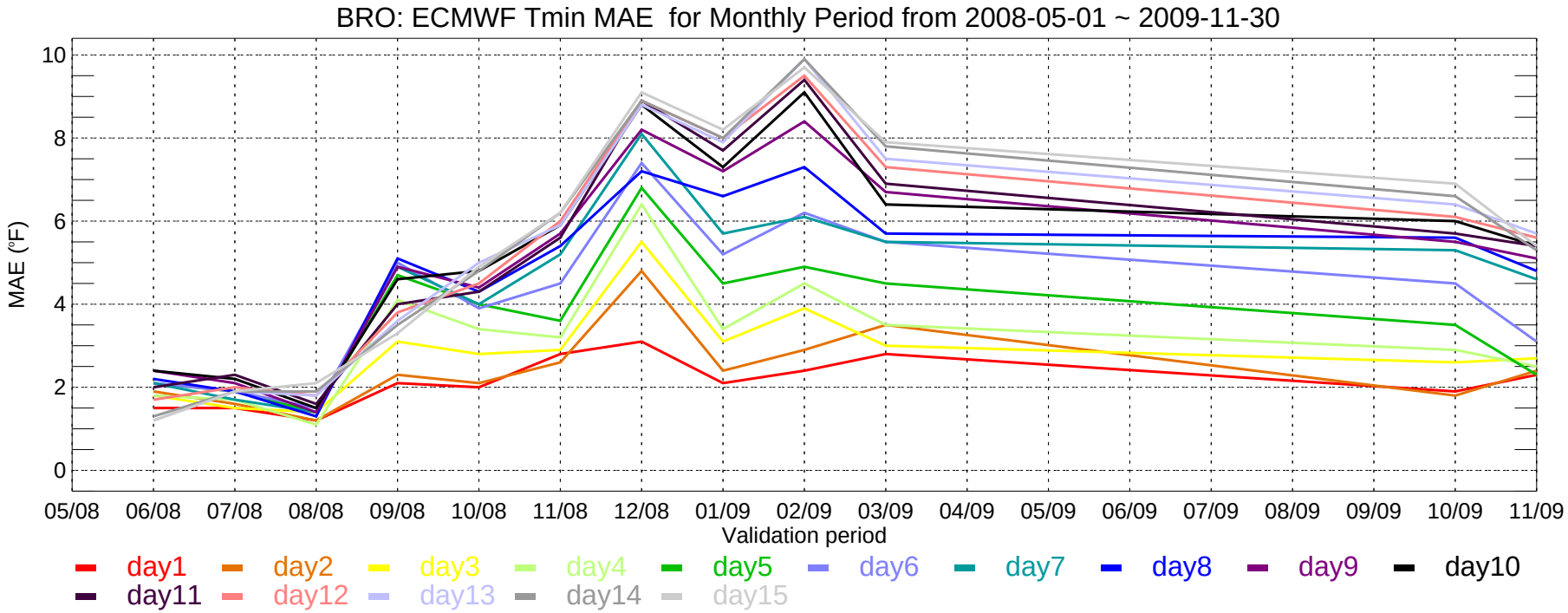
day10
day11
day12
day13
day14
day15


BRO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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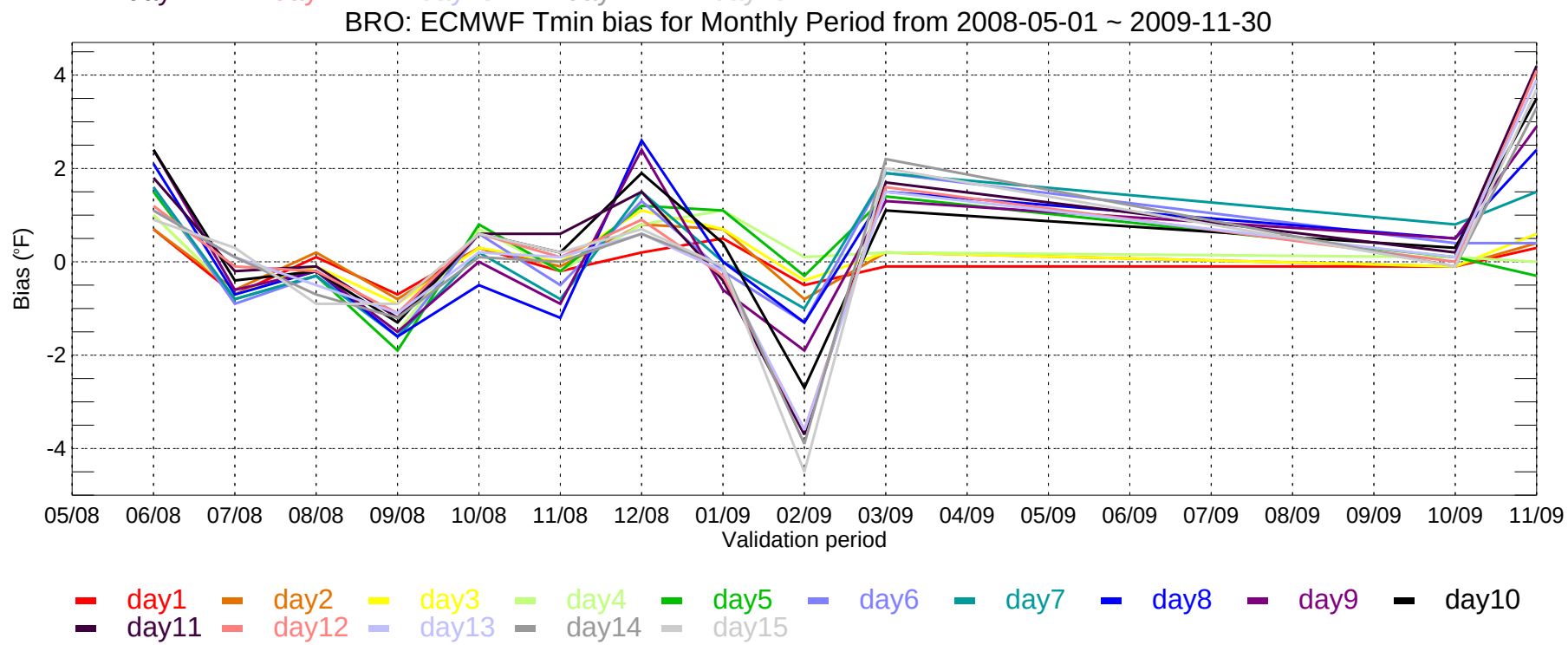
day14
day15


BRO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
day7
day8
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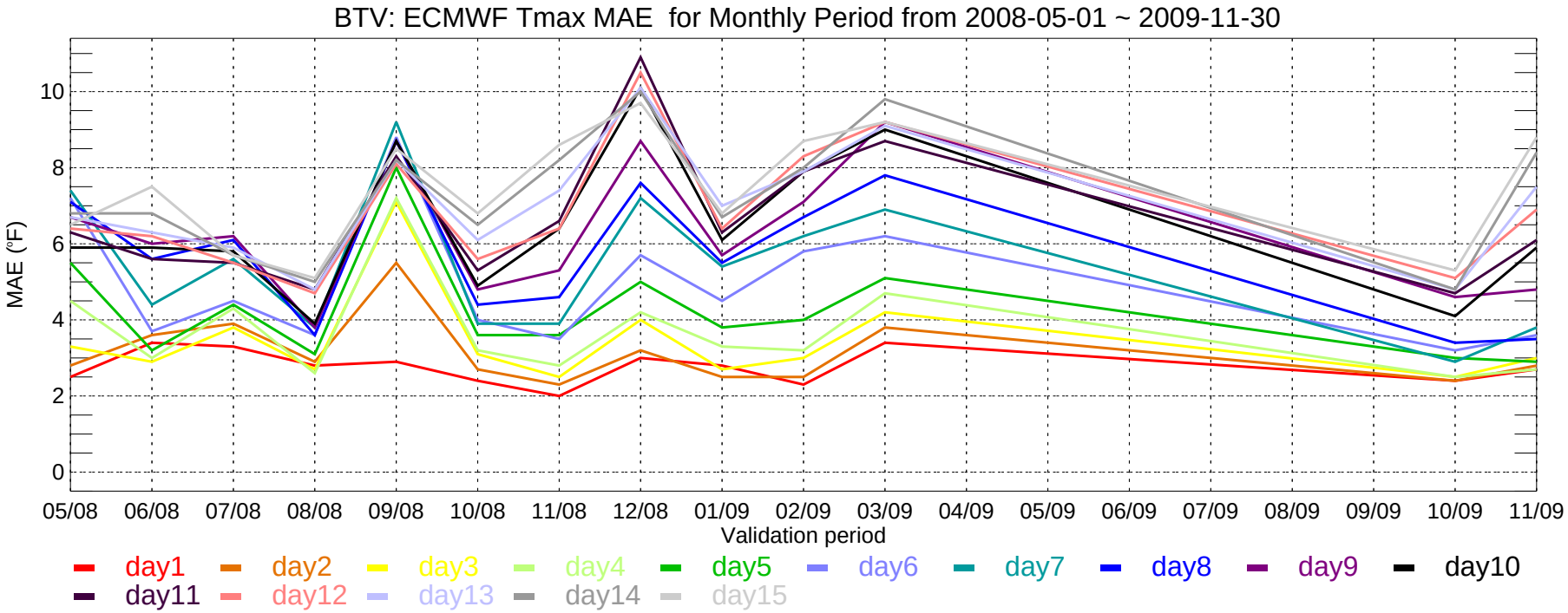
day10
day11
day12
day13
day14
day15


BTV: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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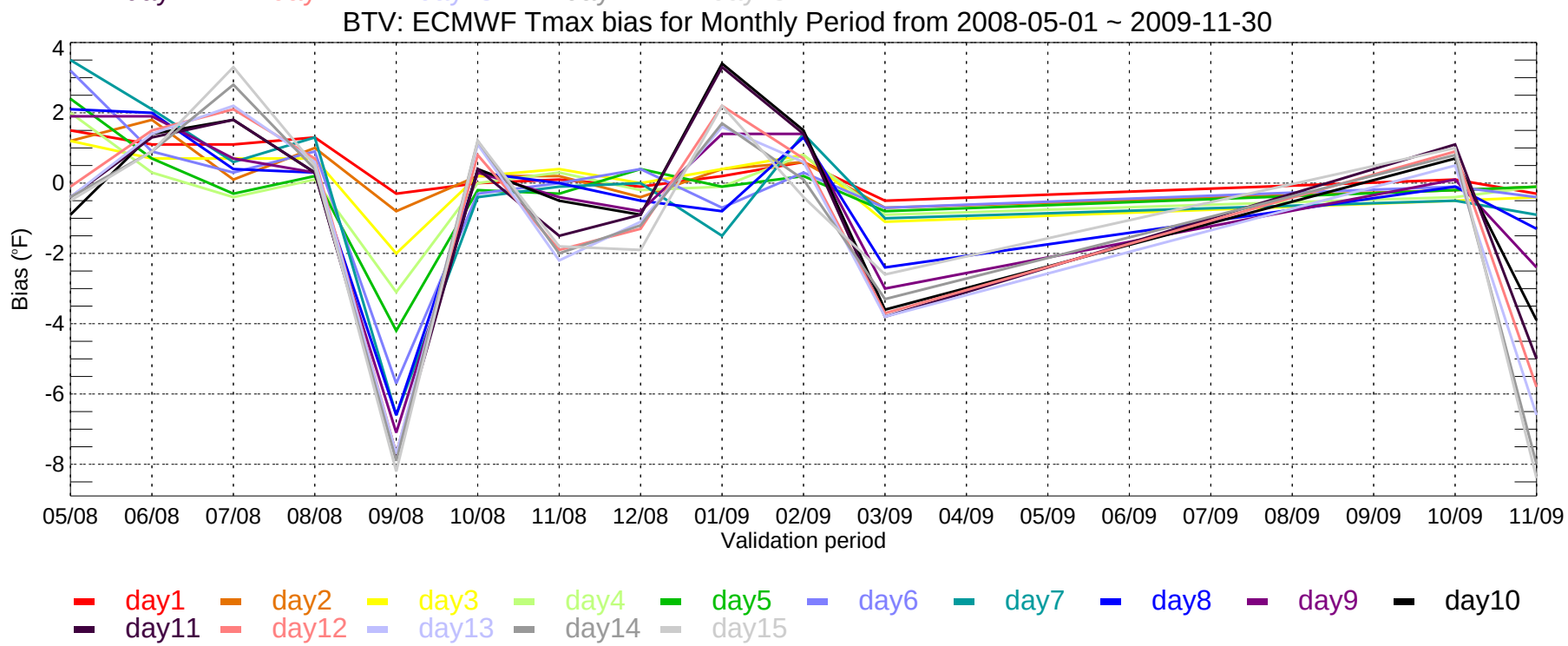
day10
day11
day12
day13
day14
day15


BTV: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day7
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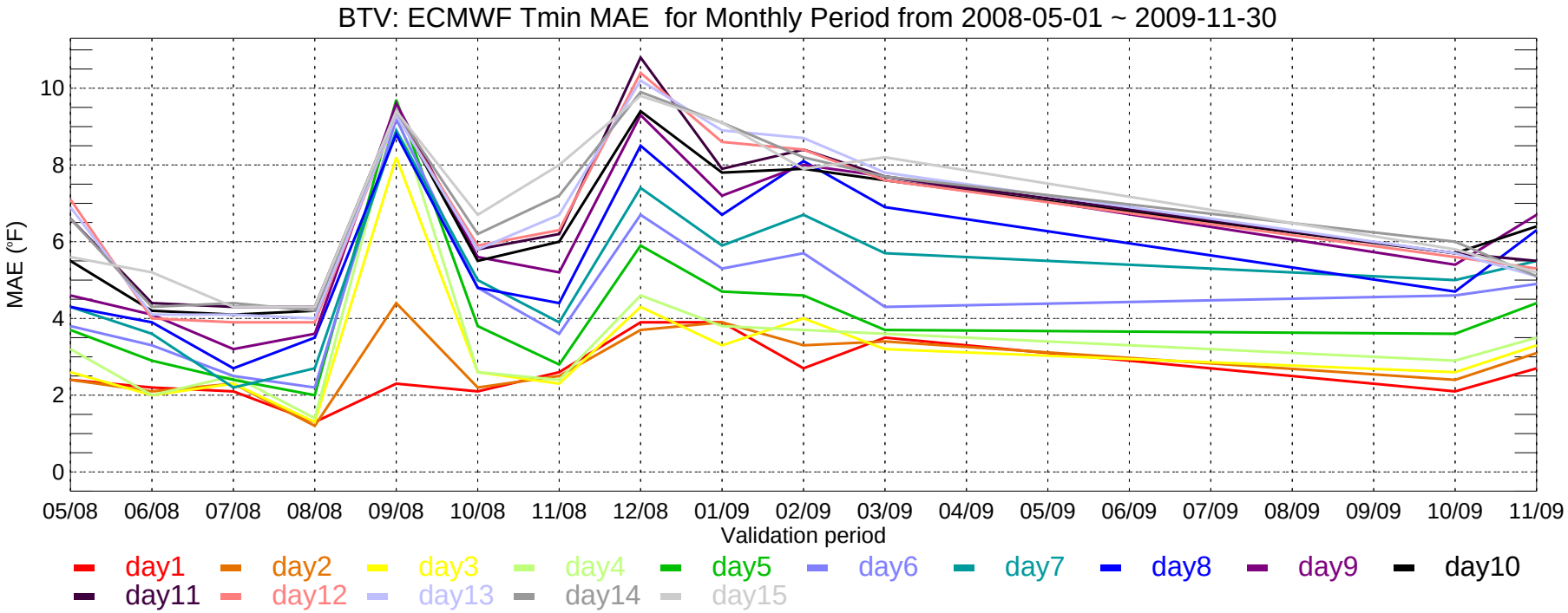
day14
day15


BTV: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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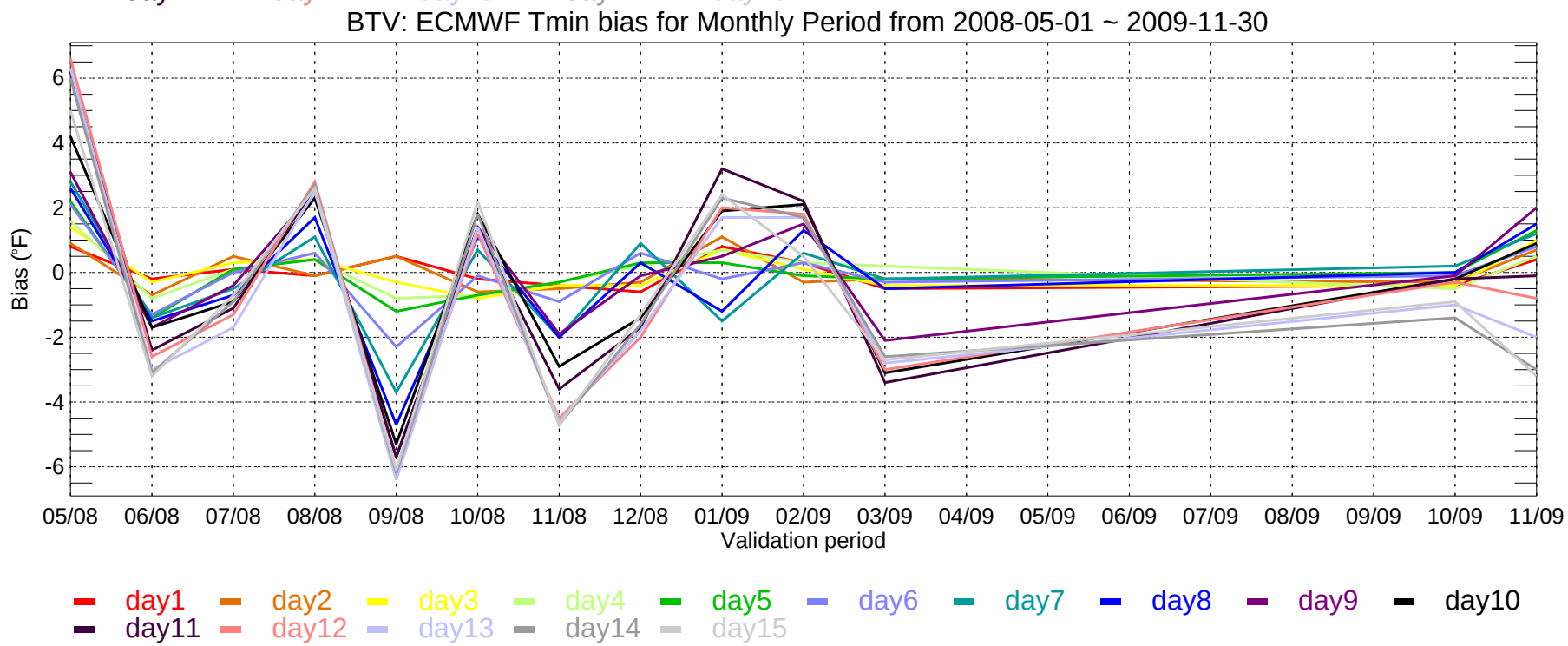
day13
day14
day15


BTV: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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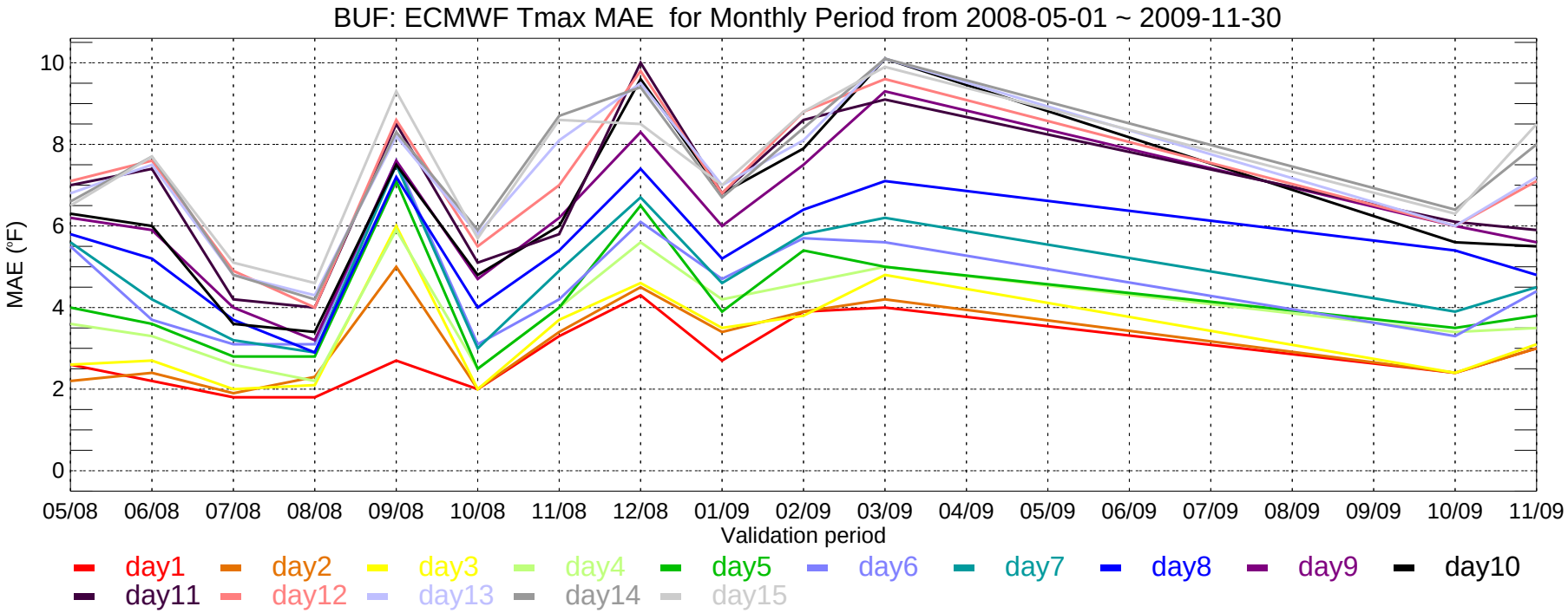
day14
day15


BUF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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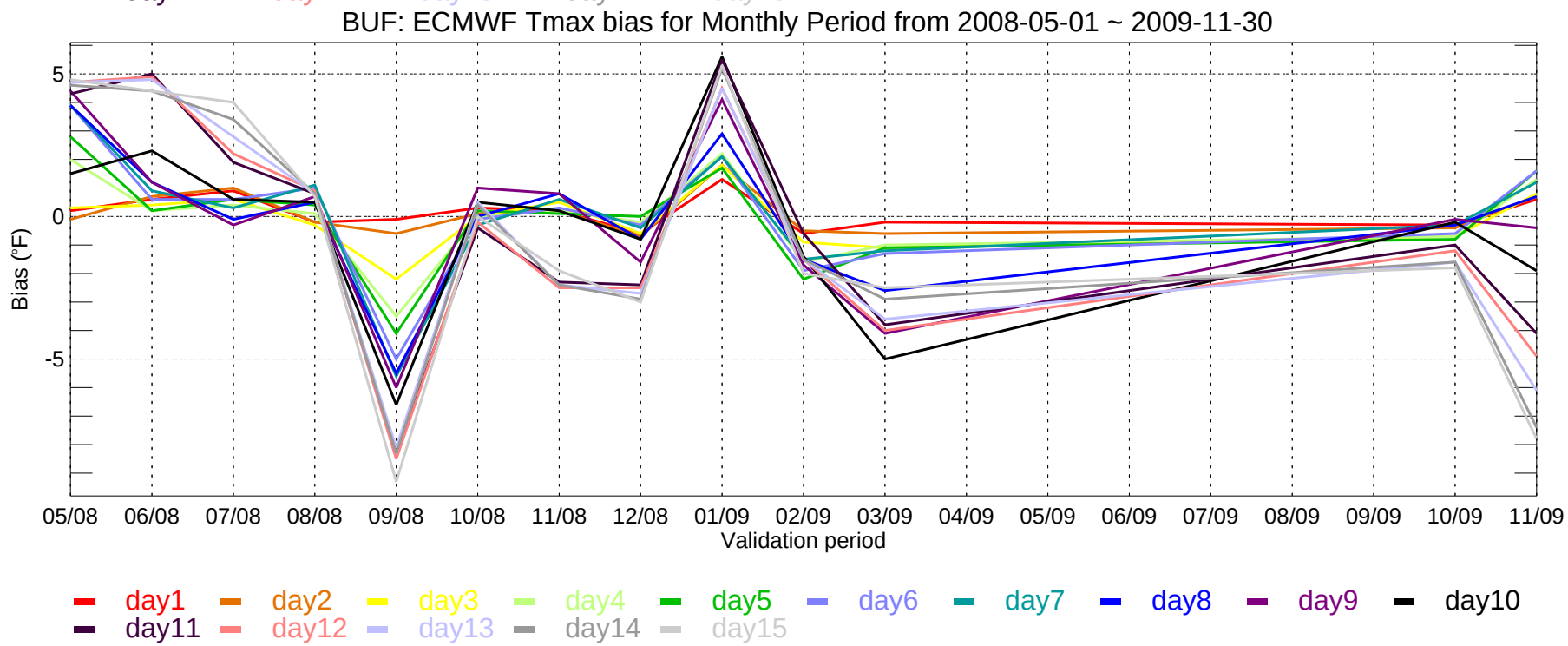
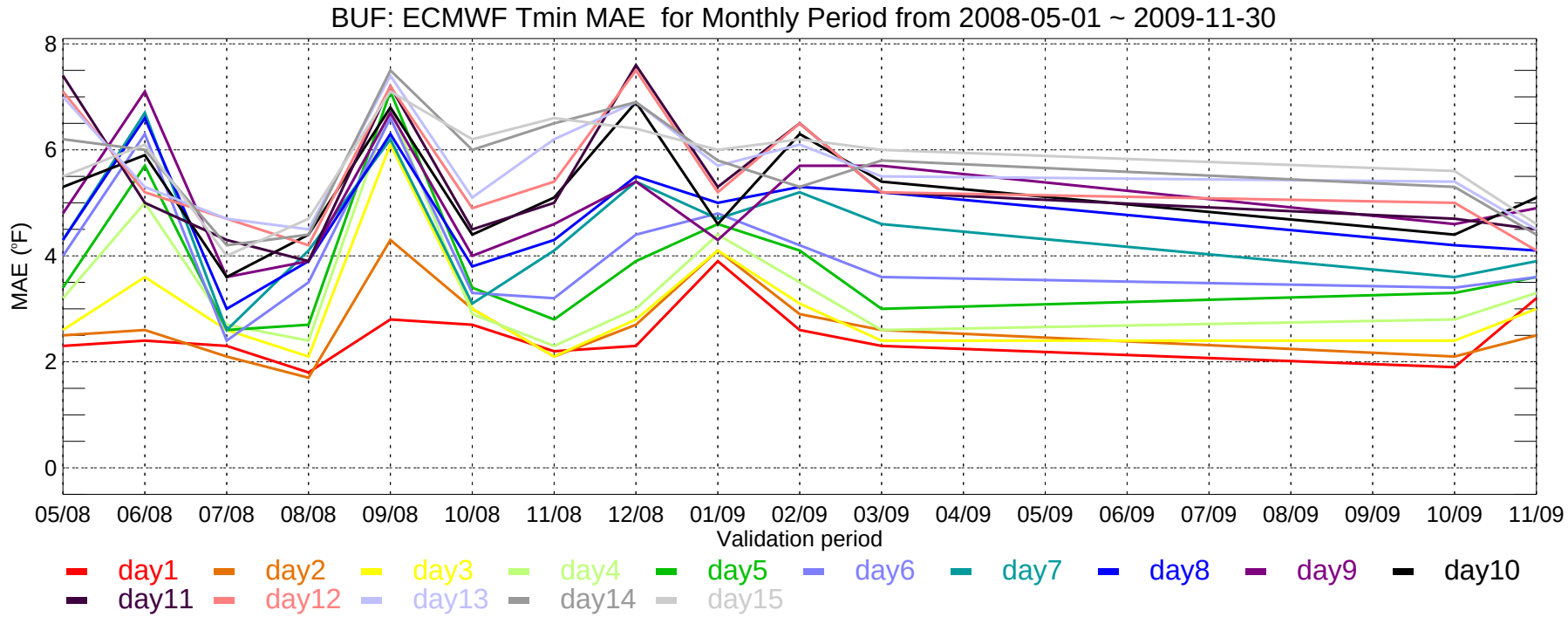
day13
day14
day15


BUF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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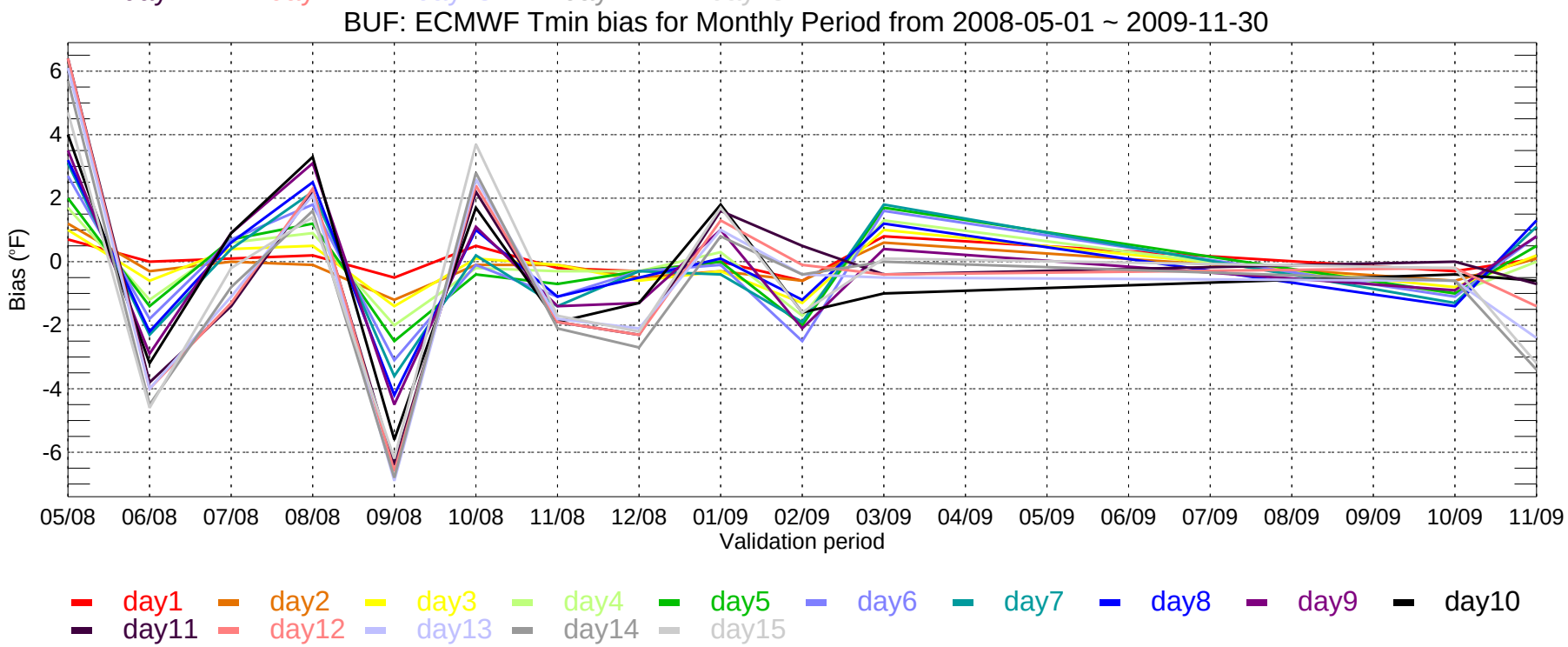
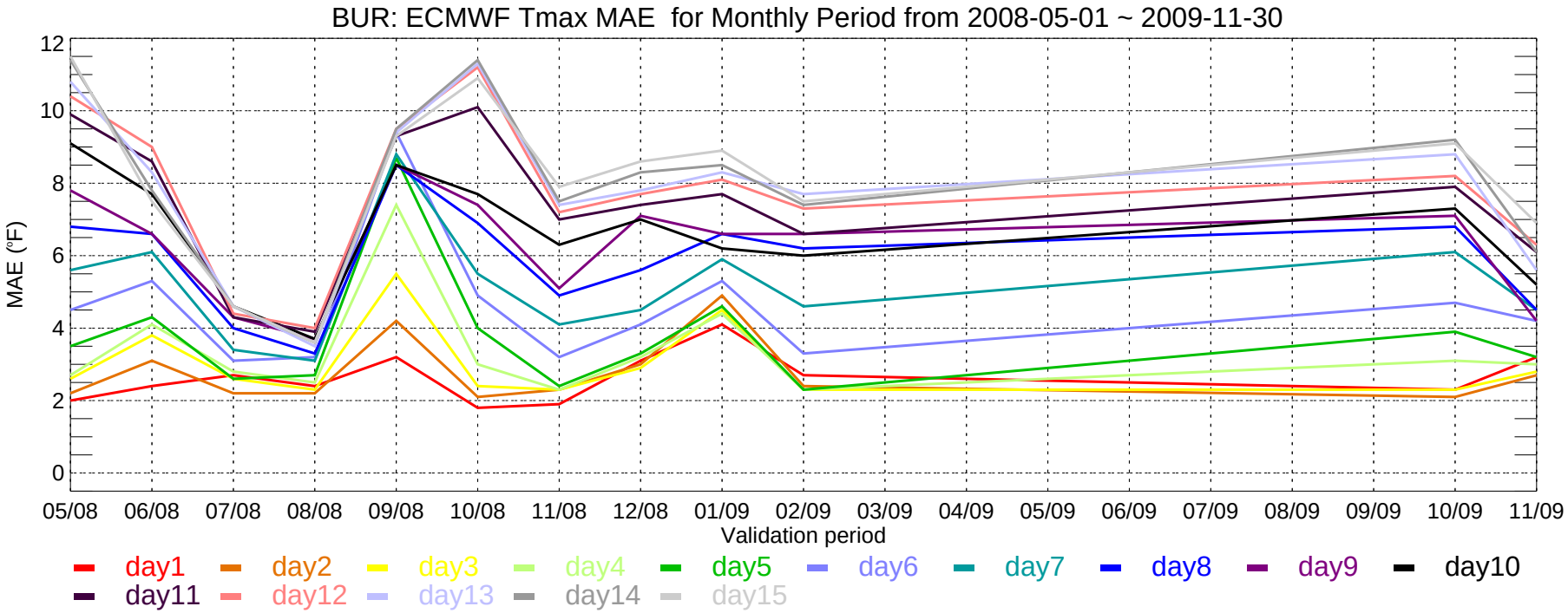
day10
day11
day12
day13
day14
day15


BUF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
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day8
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day11
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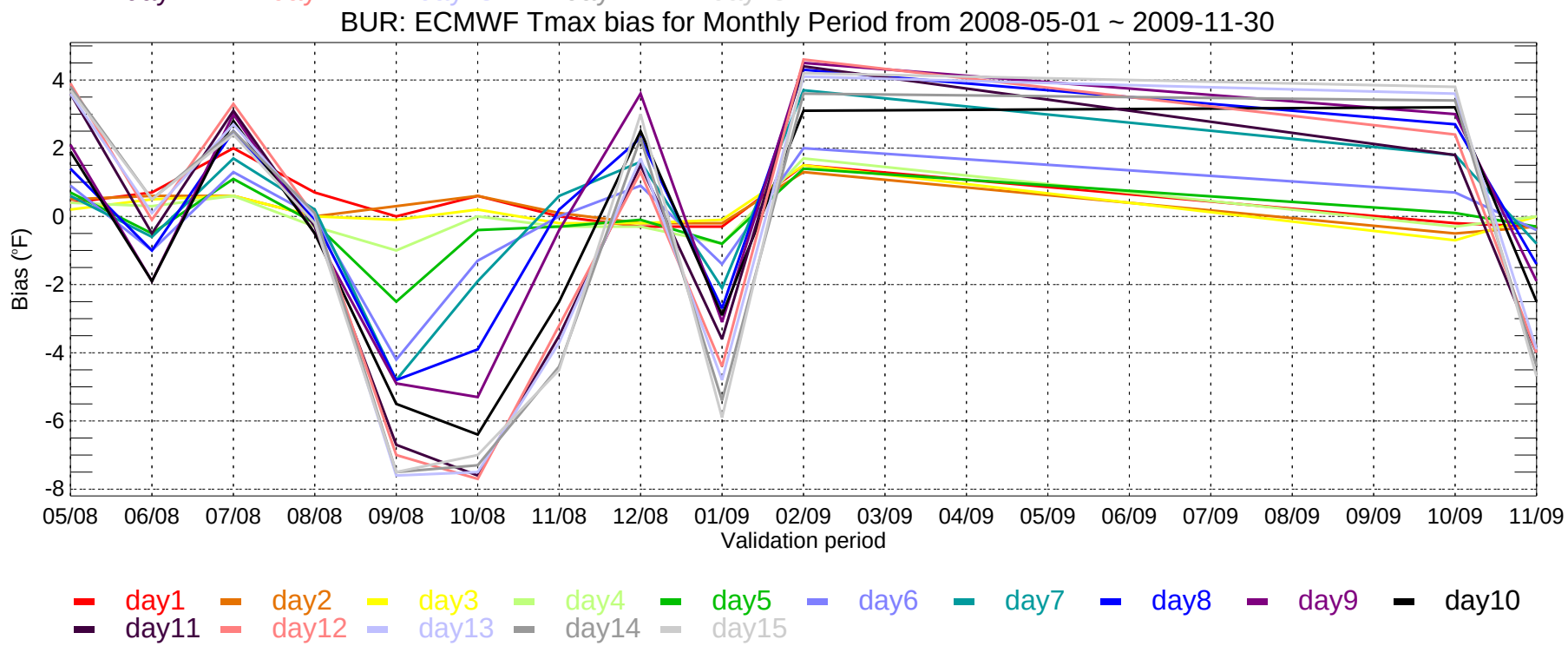
day13
day14
day15


BUR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
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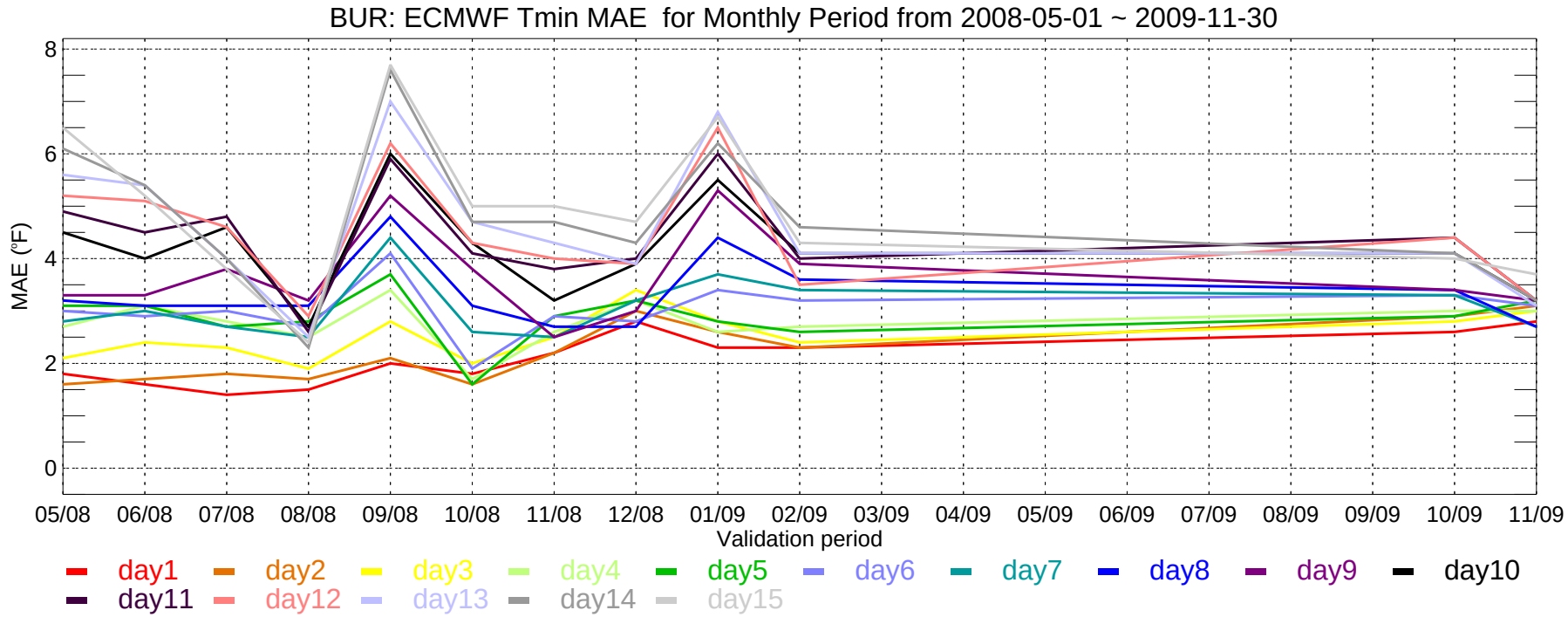
day11
day12
day13
day14
day15


BUR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
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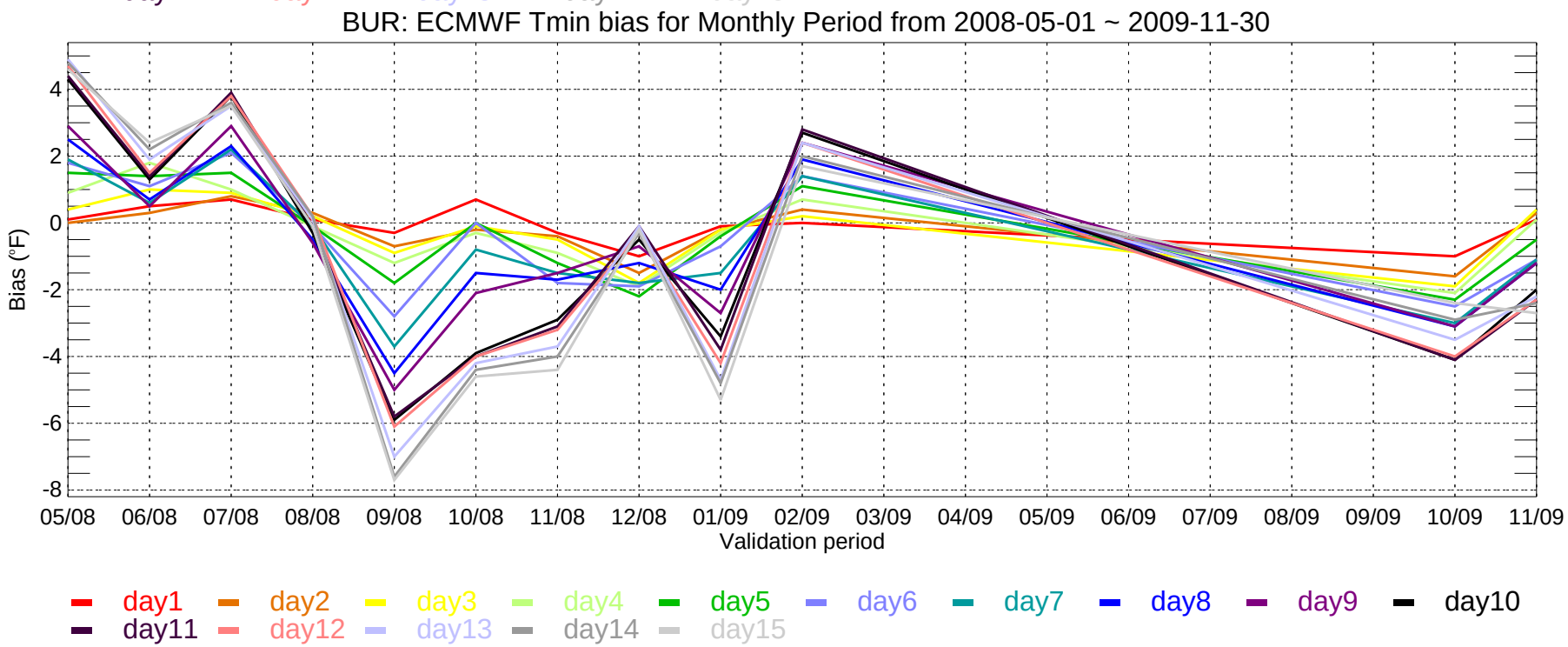
day11
day12
day13
day14
day15


BUR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
day4
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day11
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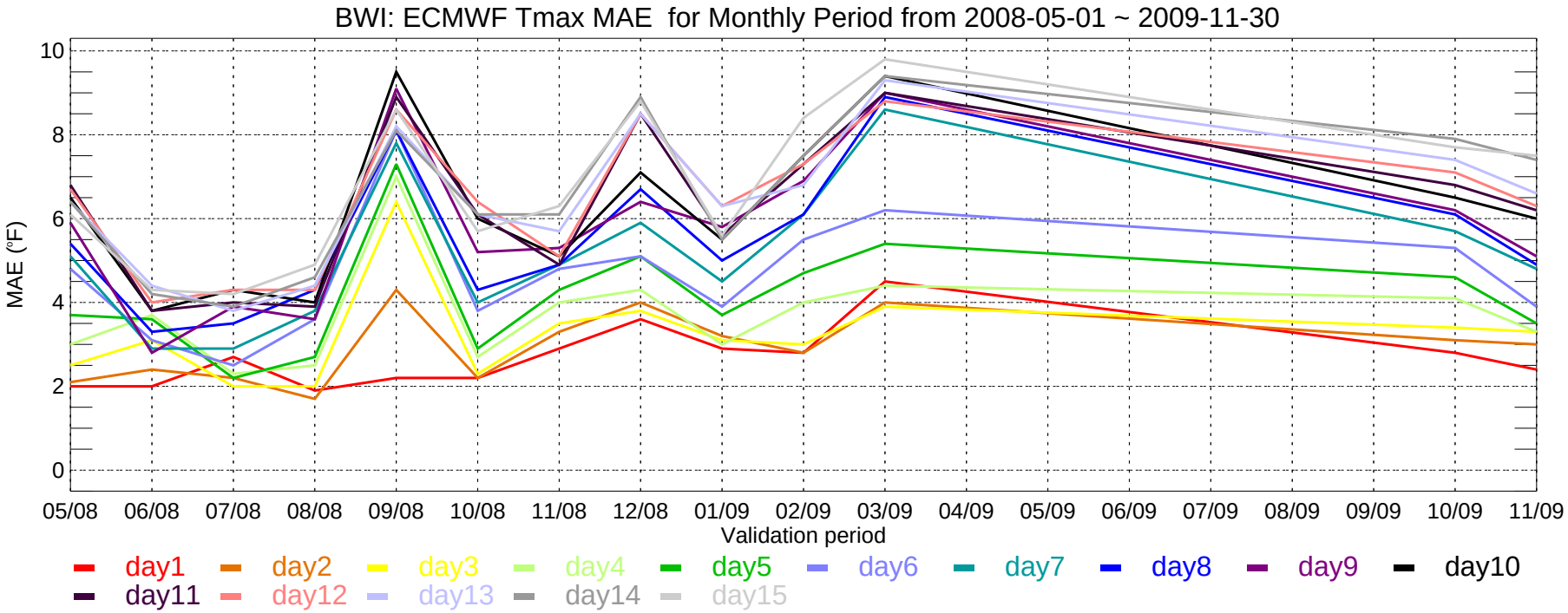
day13
day14
day15


BWI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
day7
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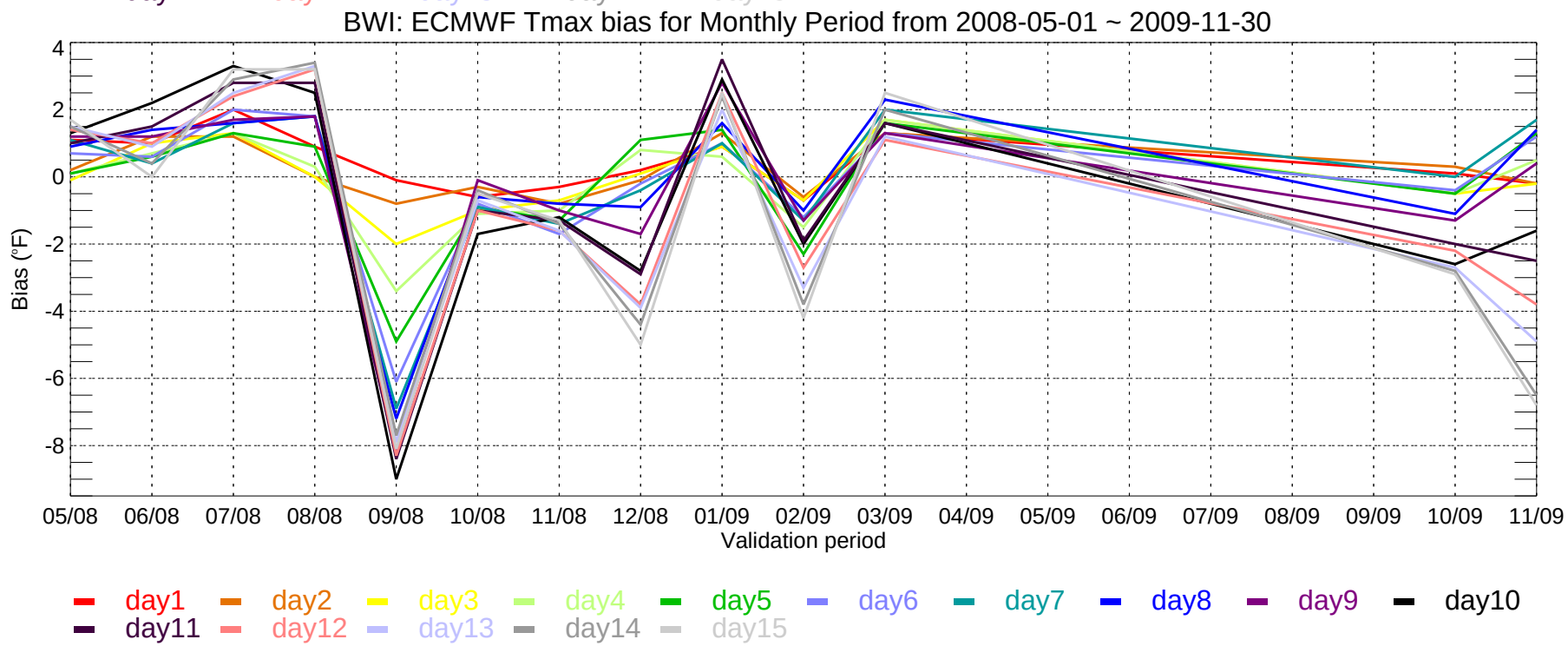
day12
day13
day14
day15


BWI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
day11
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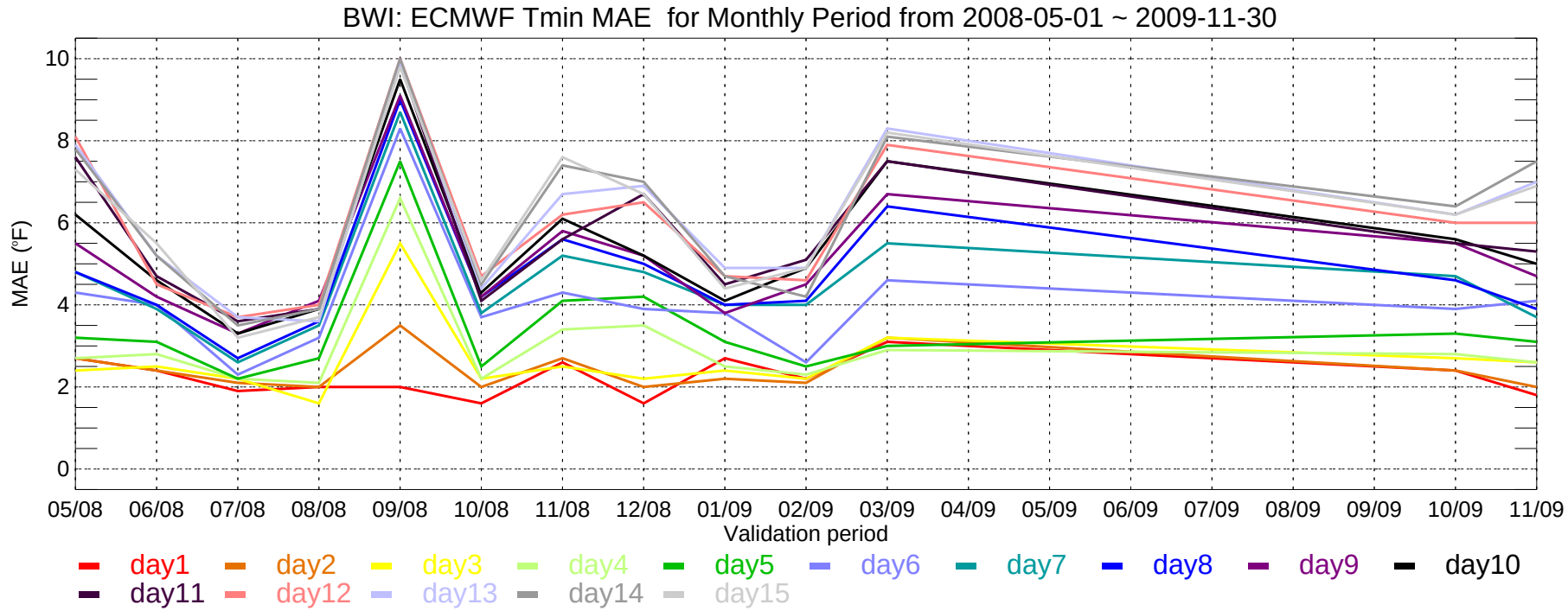
day13
day14
day15


BWI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
day7
day8
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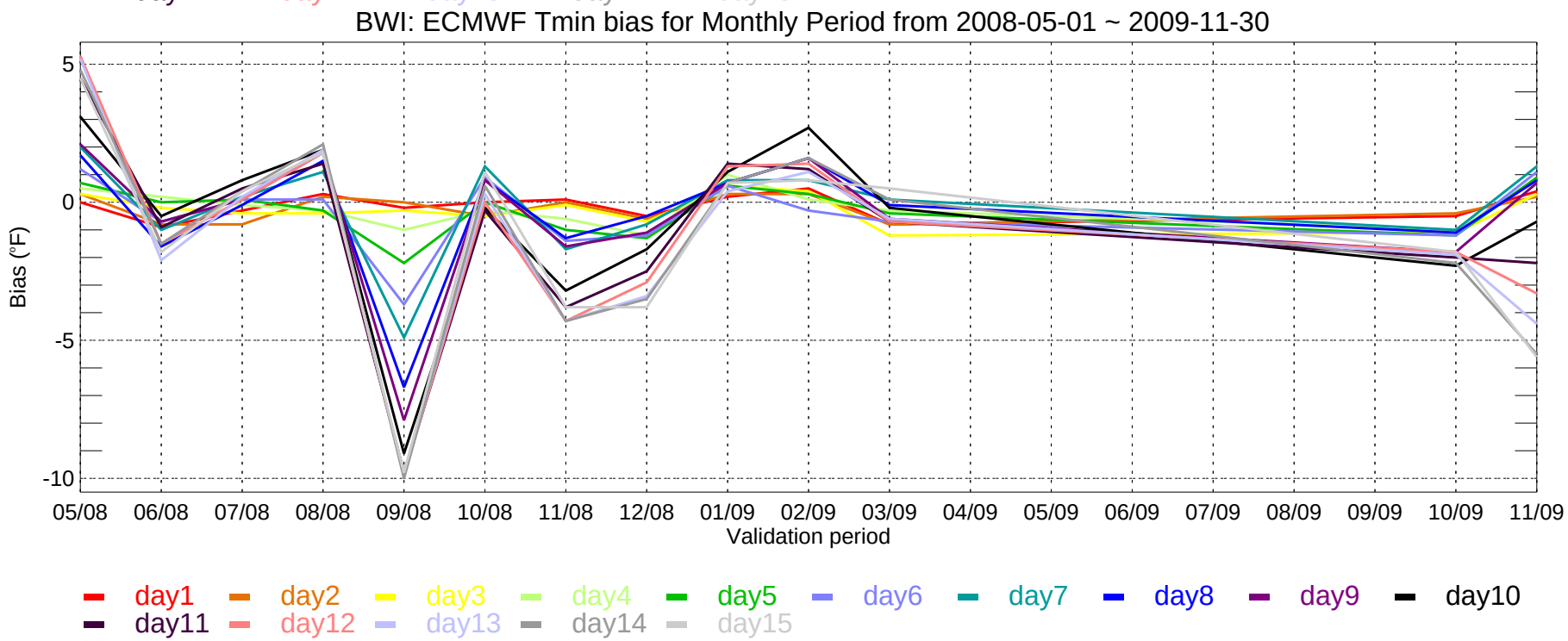
day14
day15


BWI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
day7
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day11
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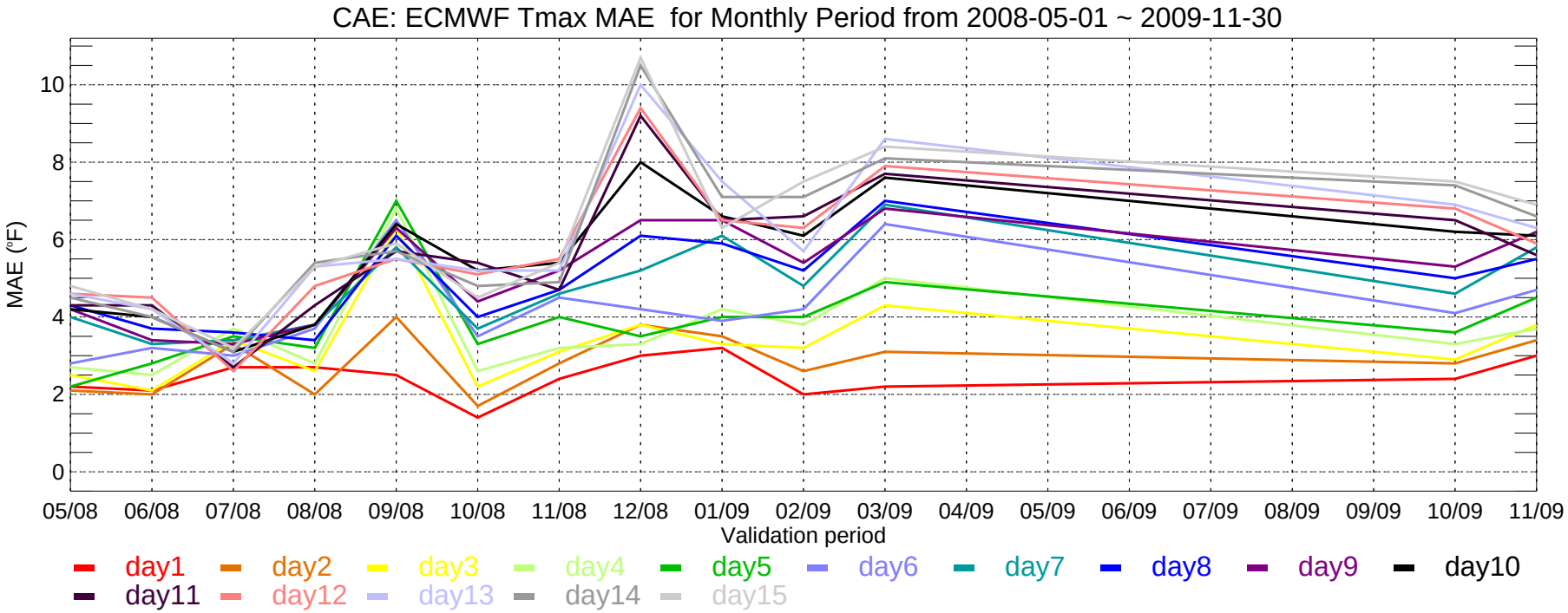
day14
day15


CAE: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day7
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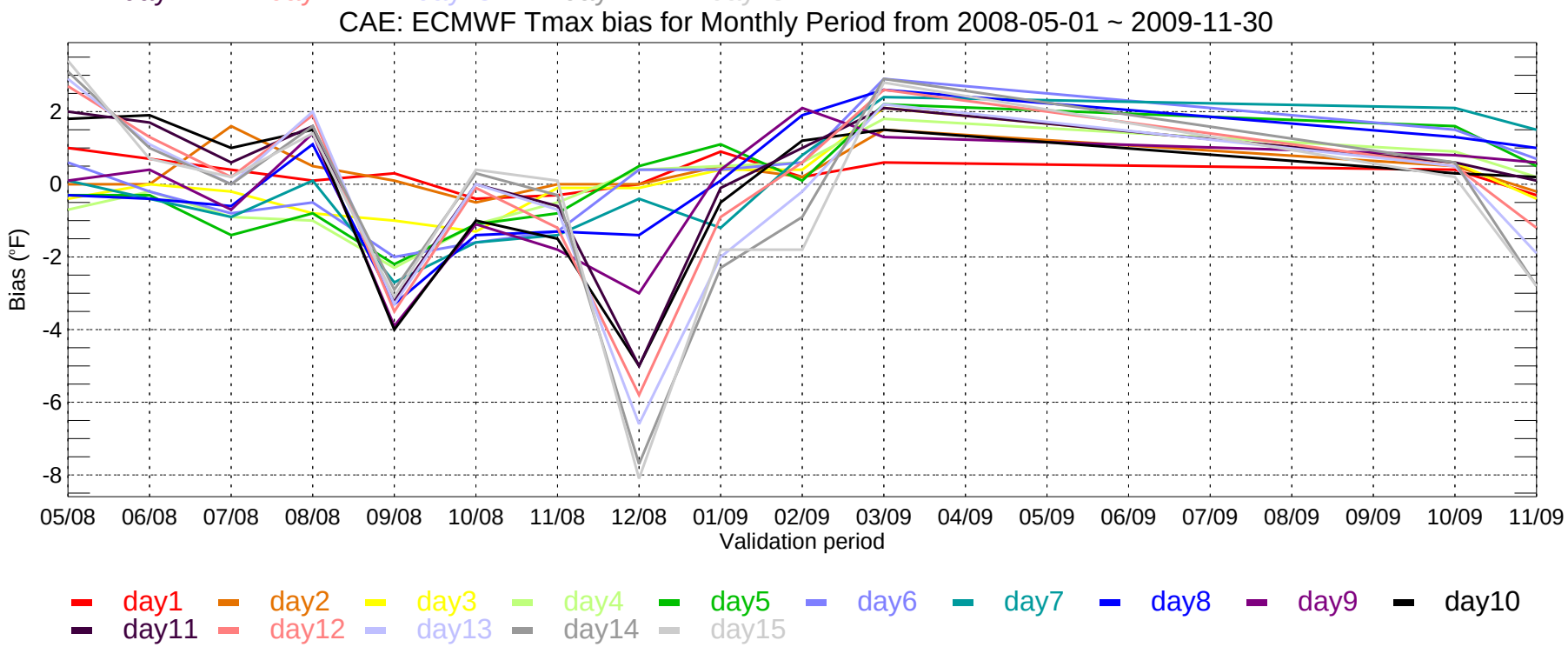
day11
day12
day13
day14
day15


CAE: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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Validation period
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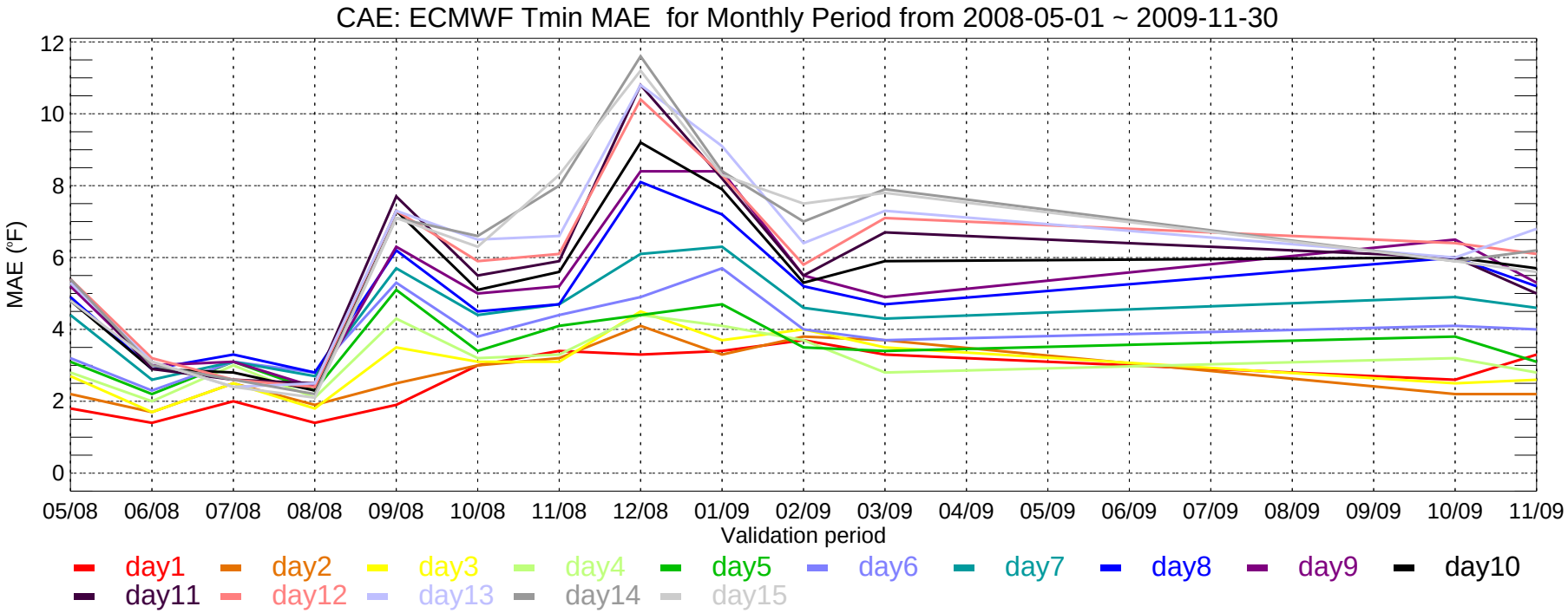
CAE: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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08/09
09/09
10/09
11/09
Validation period
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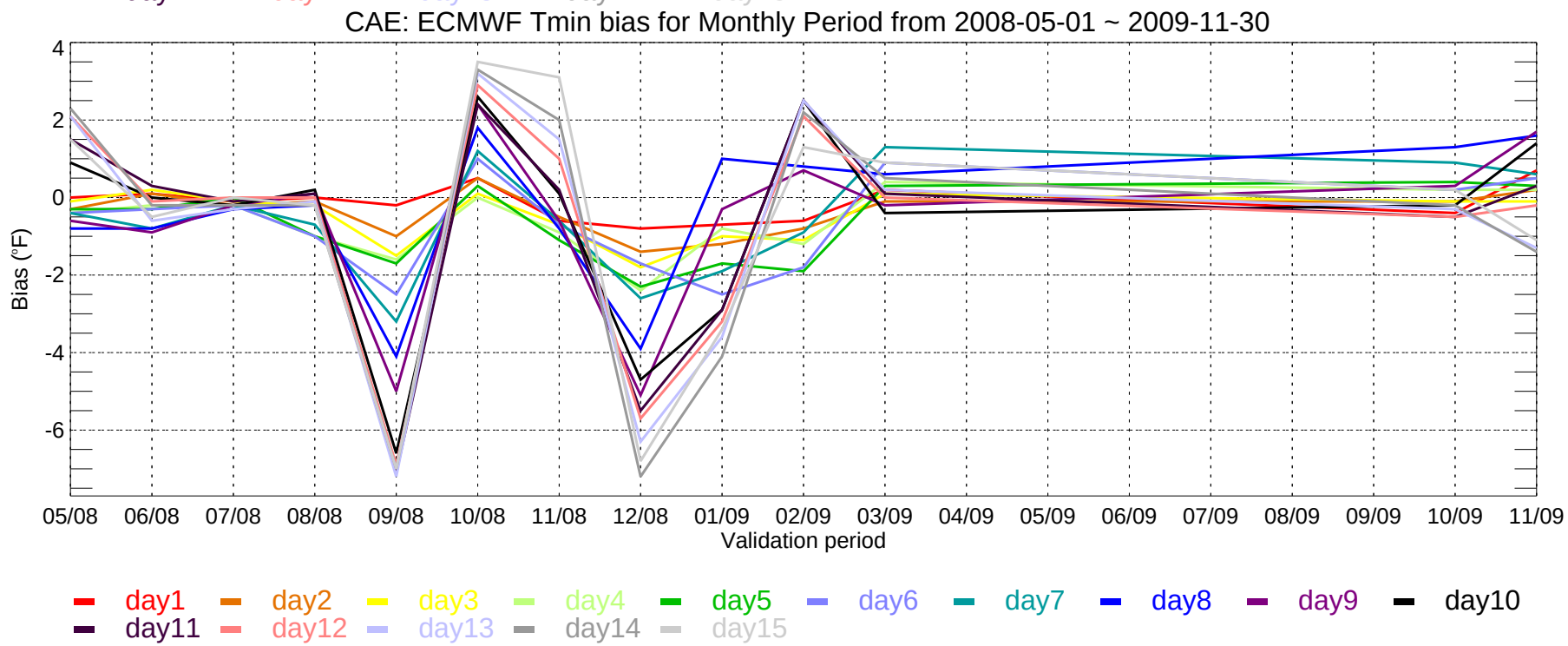
CAE: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
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10/09
11/09
Validation period
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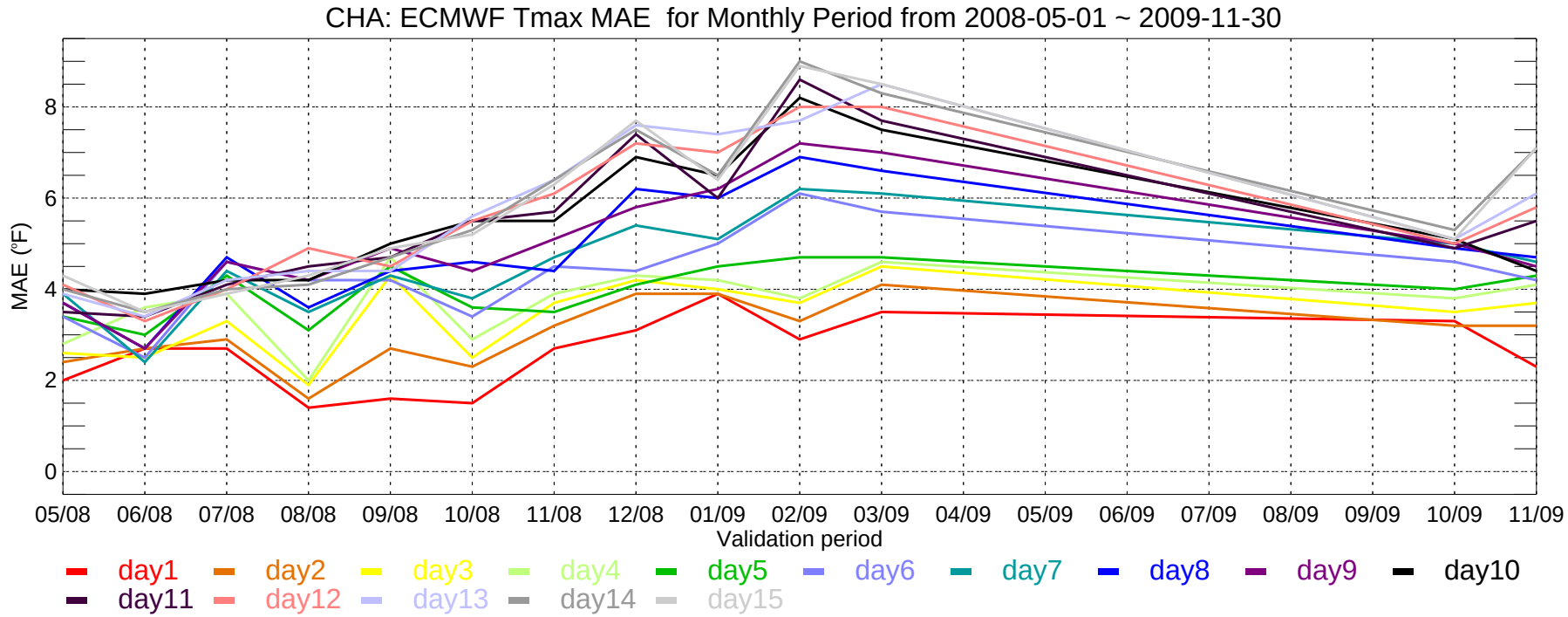
CHA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
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05/08
06/08
07/08
08/08
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12/08
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11/09
Validation period
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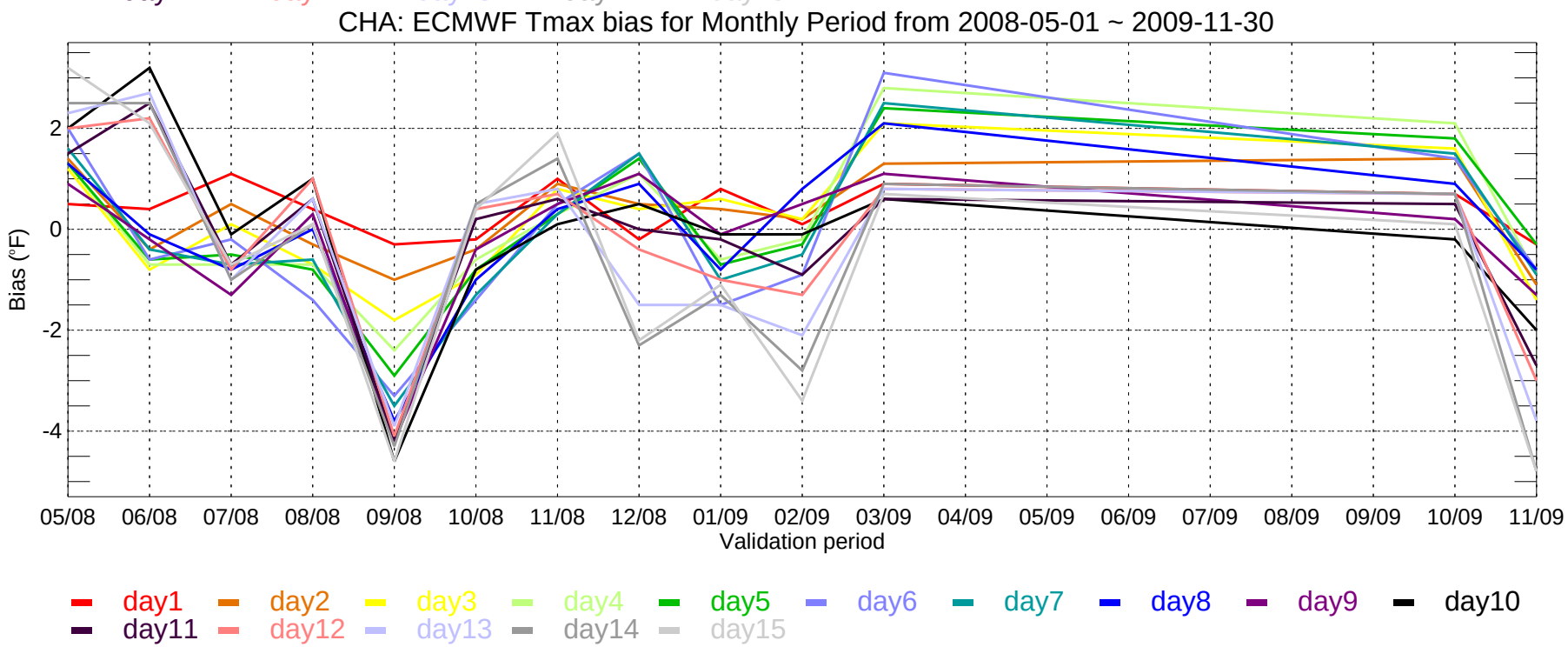
CHA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
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-2
-4
05/08
06/08
07/08
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09/08
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12/08
01/09
02/09
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11/09
Validation period
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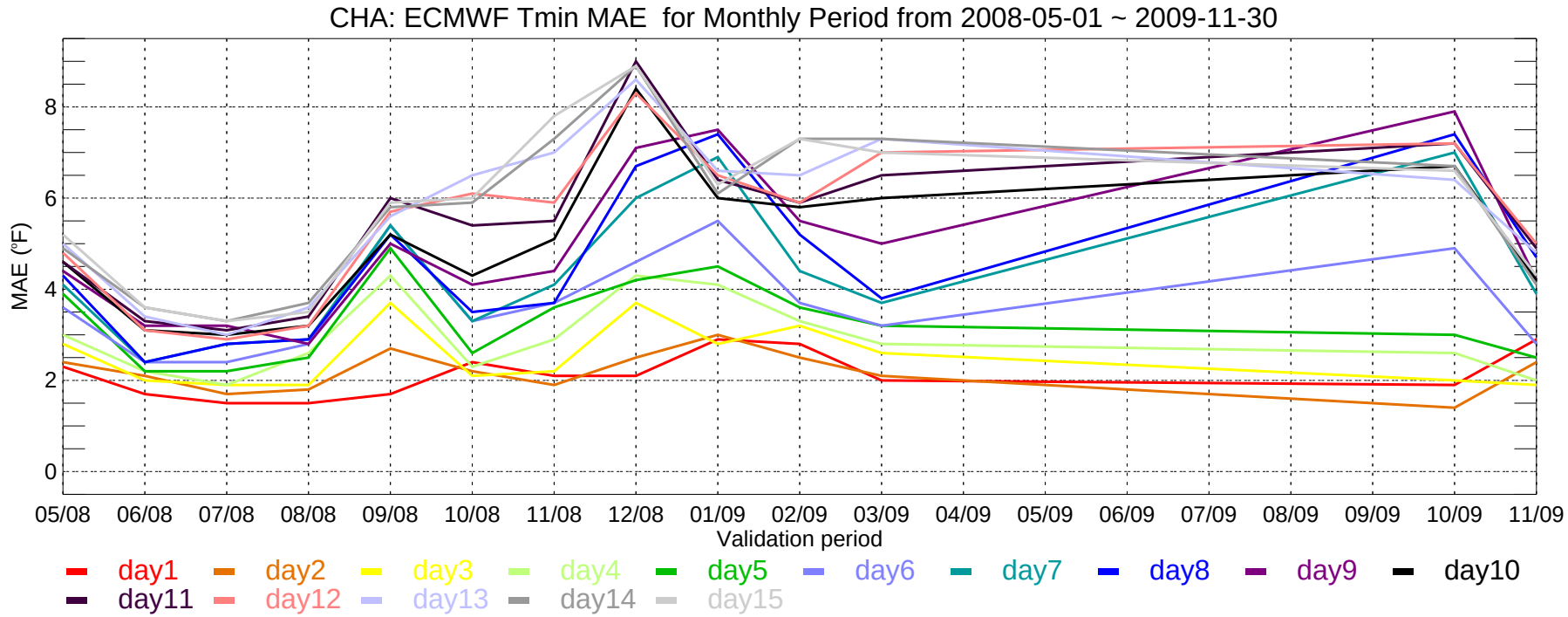
CHA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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11/09
Validation period
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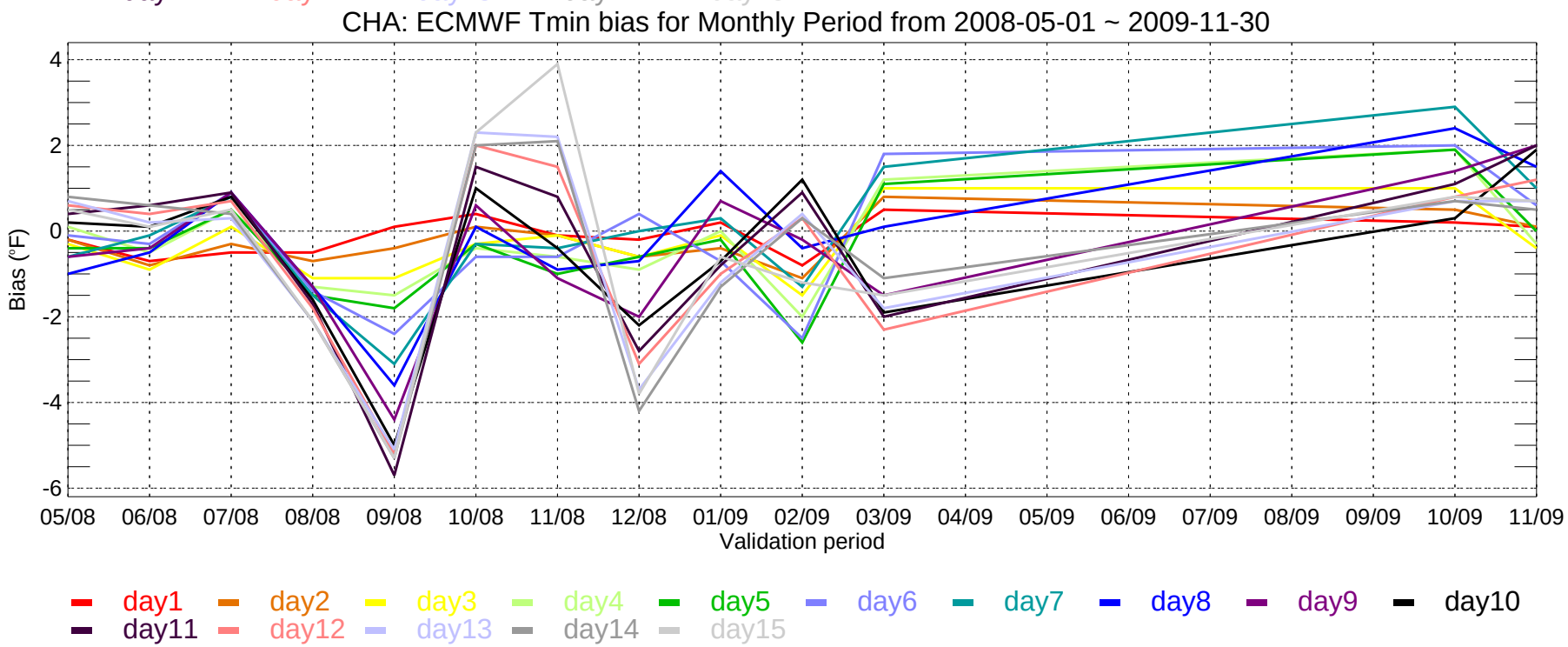
CHA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
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-2
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05/08
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07/08
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12/08
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11/09
Validation period
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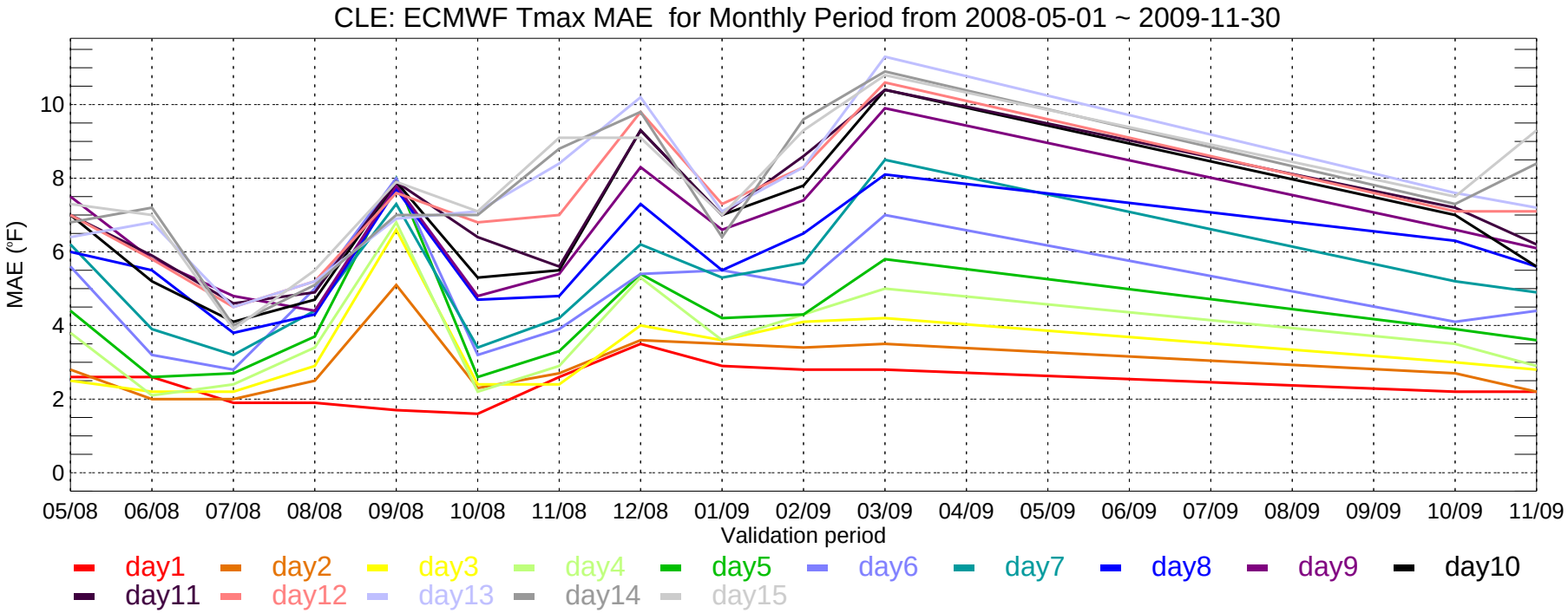
CLE: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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12/08
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11/09
Validation period
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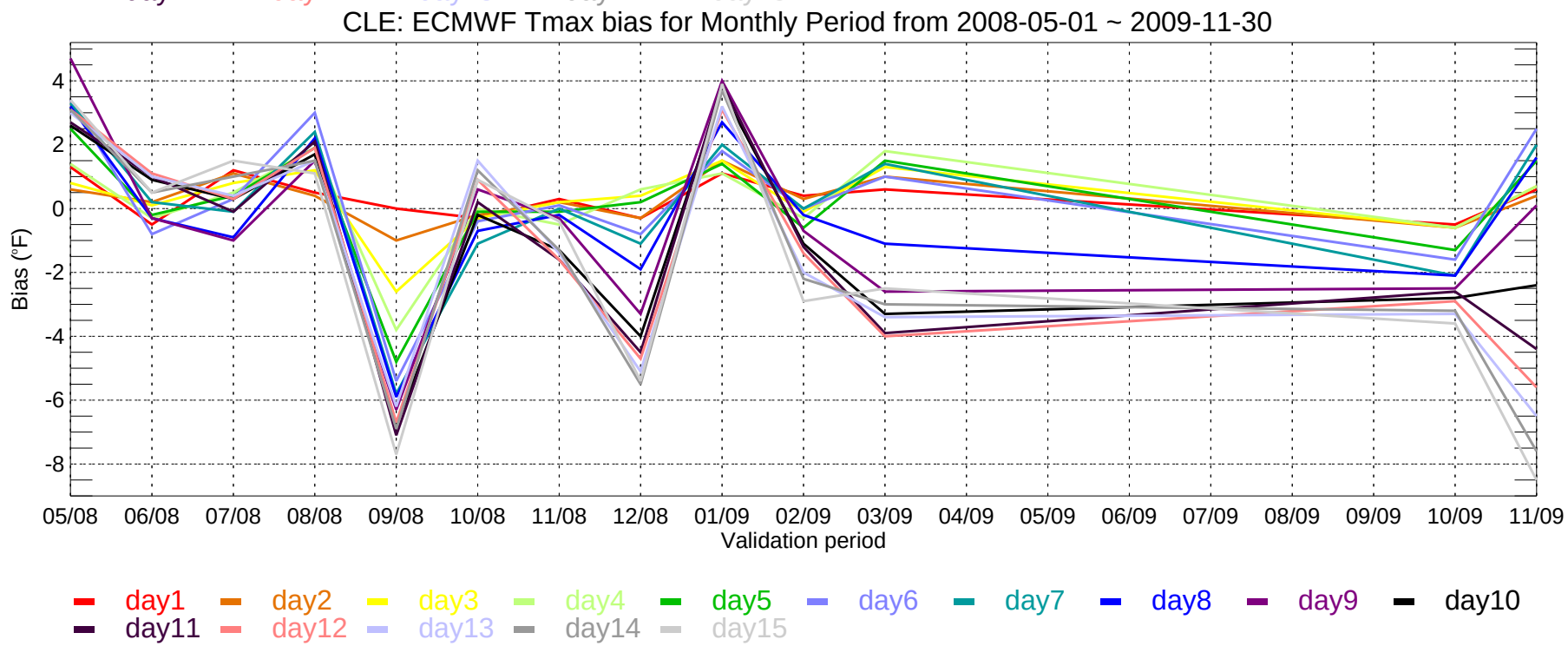
CLE: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
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-6
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05/08
06/08
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Validation period
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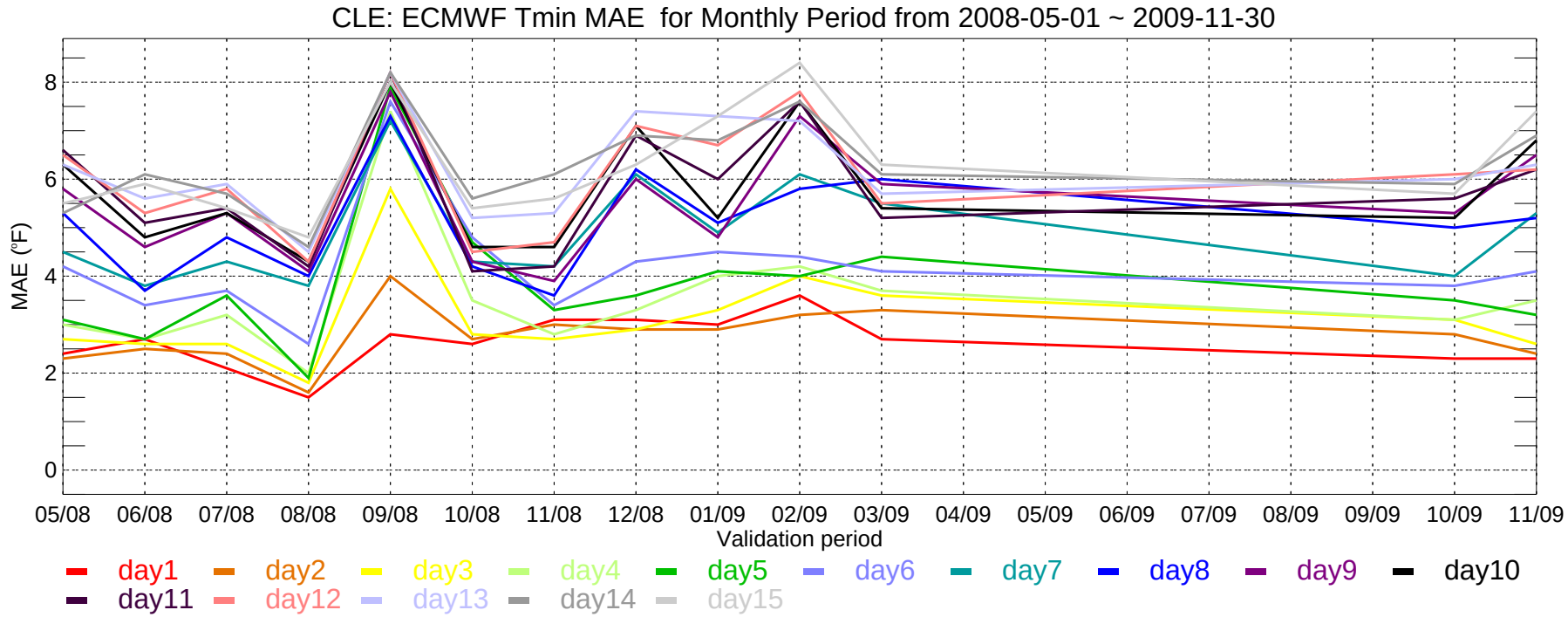
CLE: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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07/08
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09/08
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12/08
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11/09
Validation period
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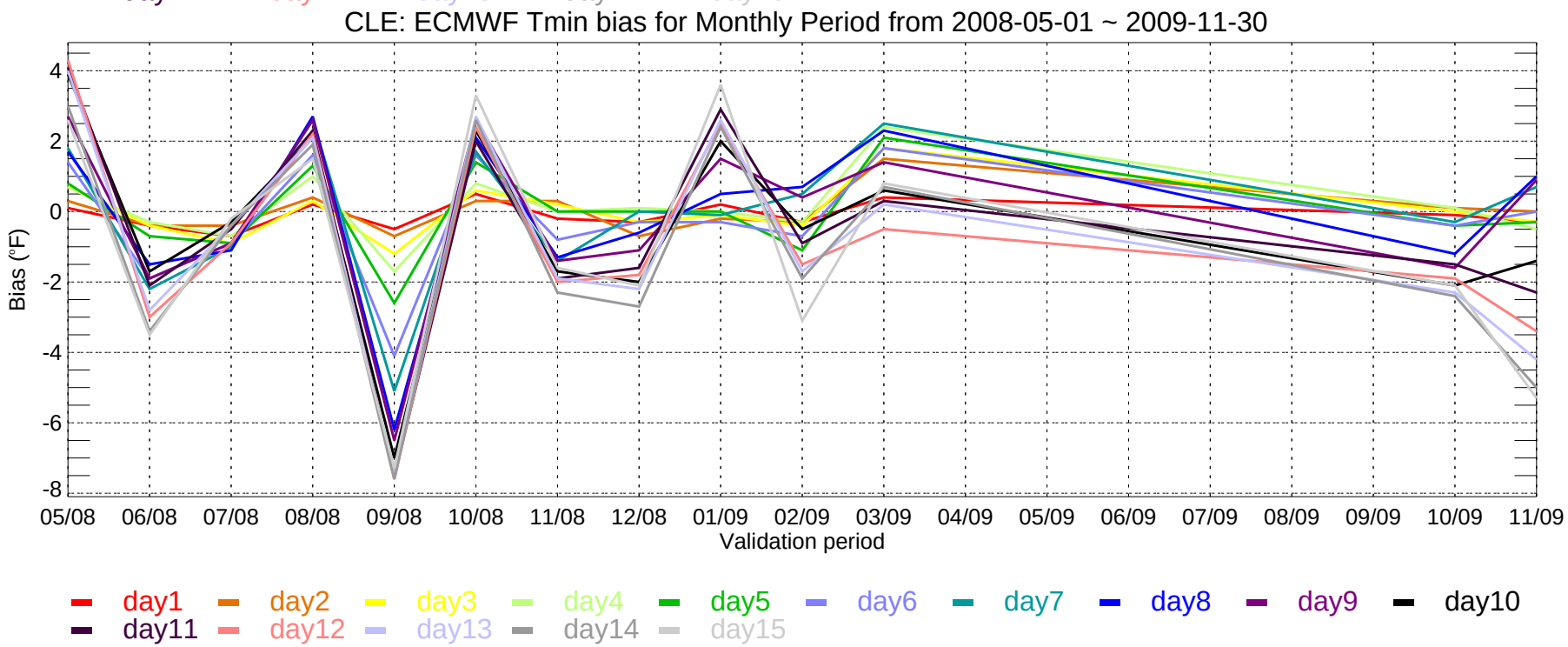
CLE: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
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-6
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05/08
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Validation period
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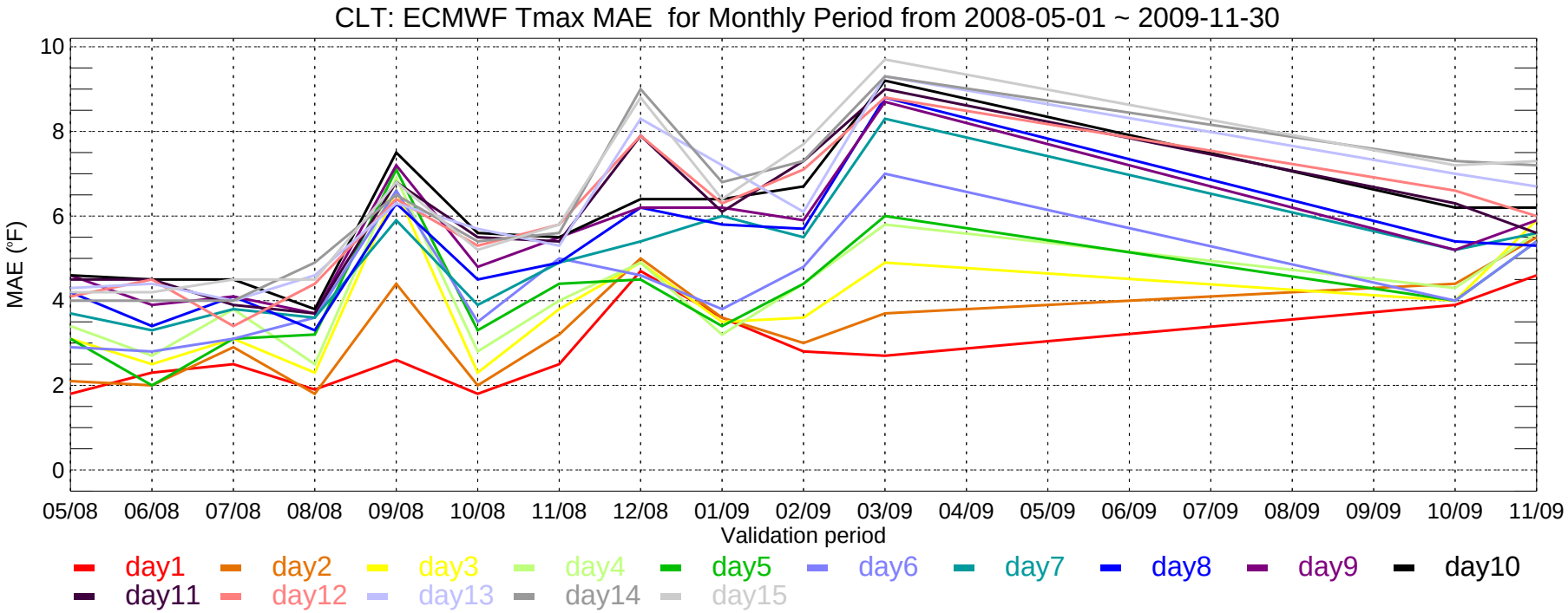
CLT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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11/09
Validation period
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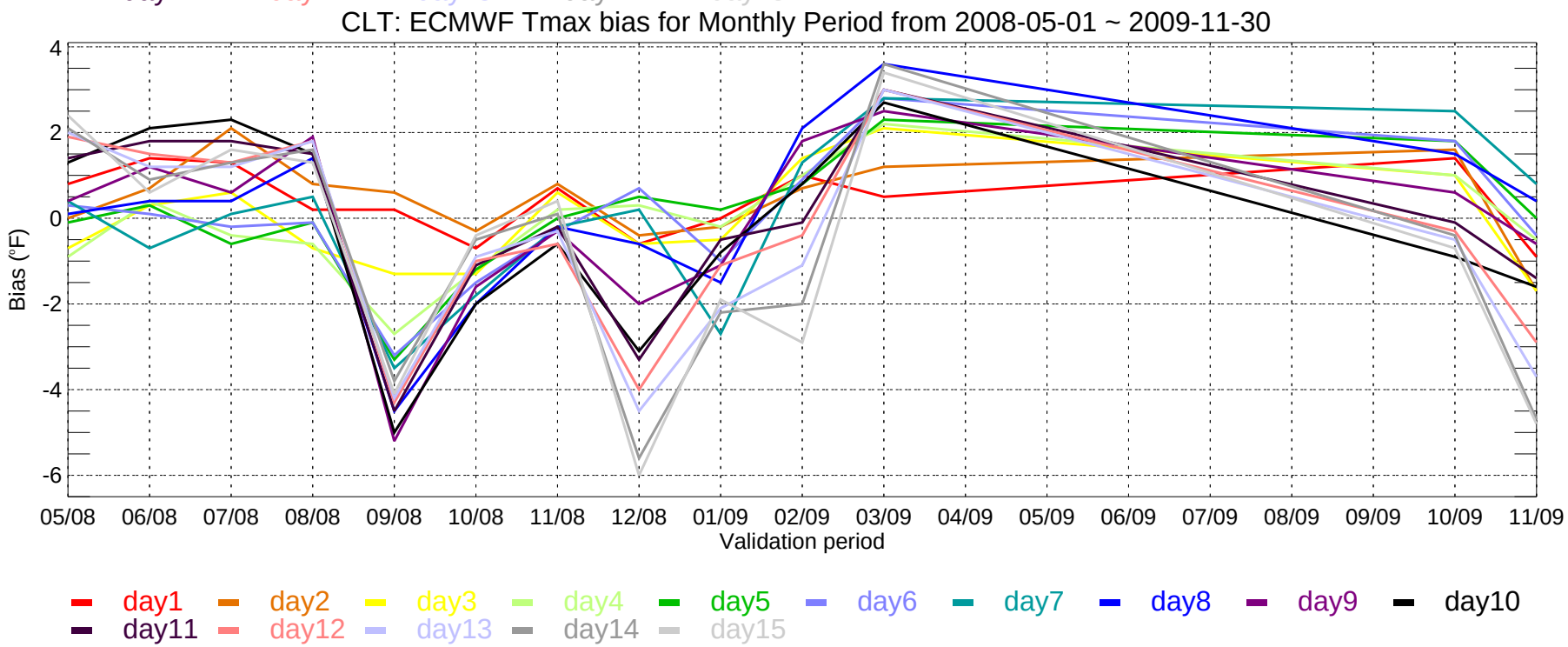
CLT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
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11/08
12/08
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11/09
Validation period
day1
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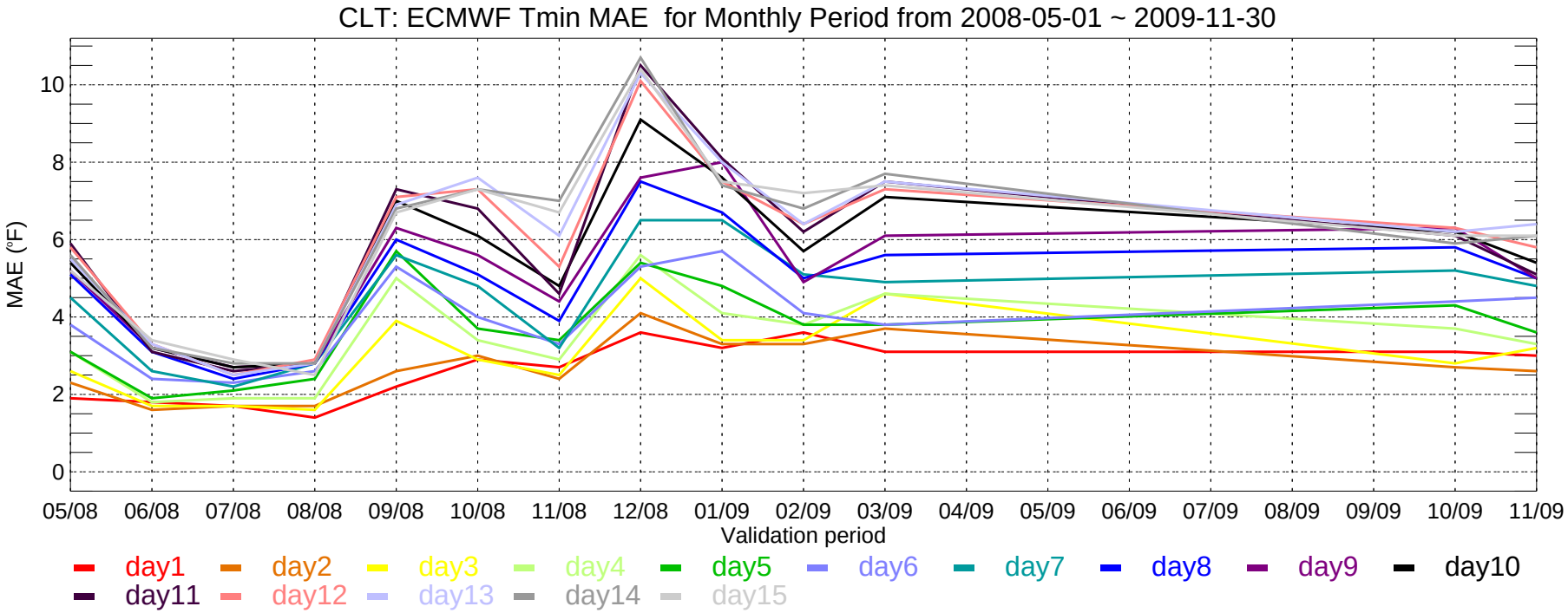
CLT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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05/08
06/08
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09/08
10/08
11/08
12/08
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Validation period
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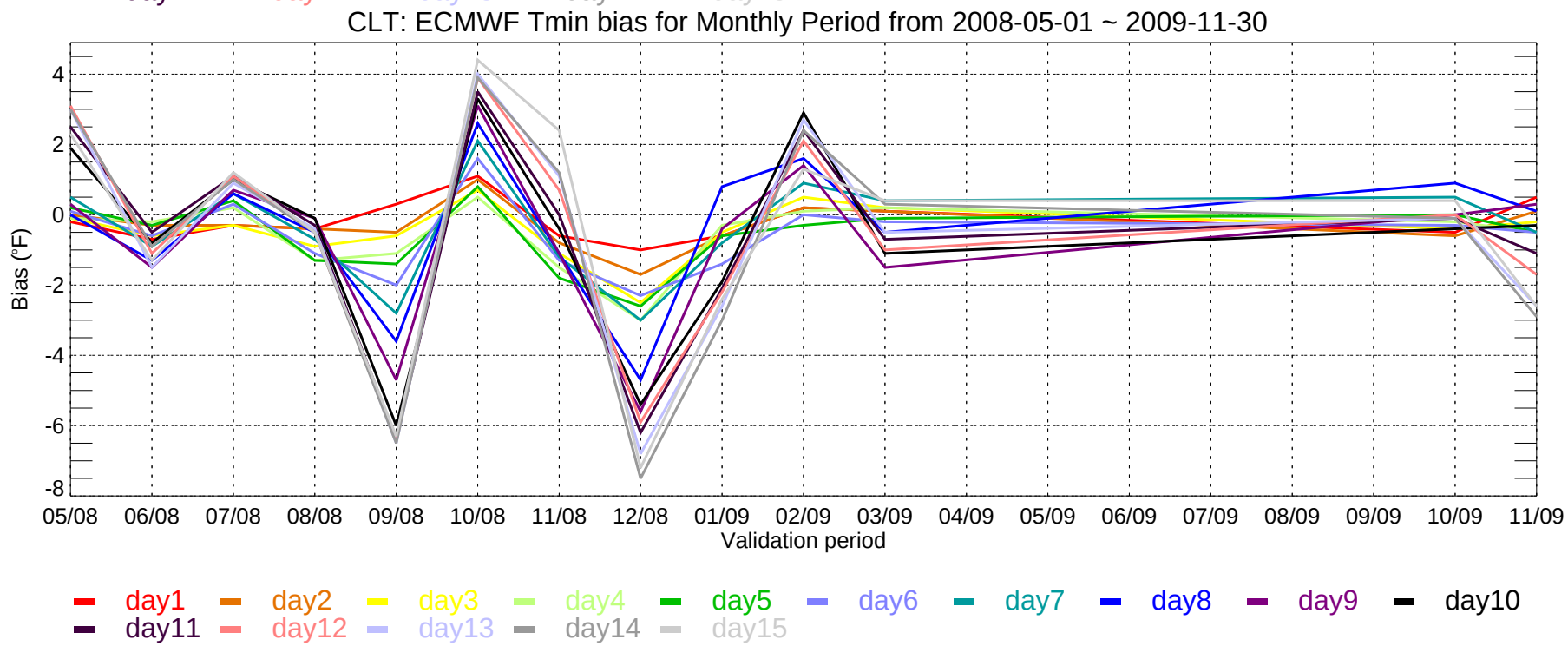
CLT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
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-2
-4
-6
-8
05/08
06/08
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09/08
10/08
11/08
12/08
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Validation period
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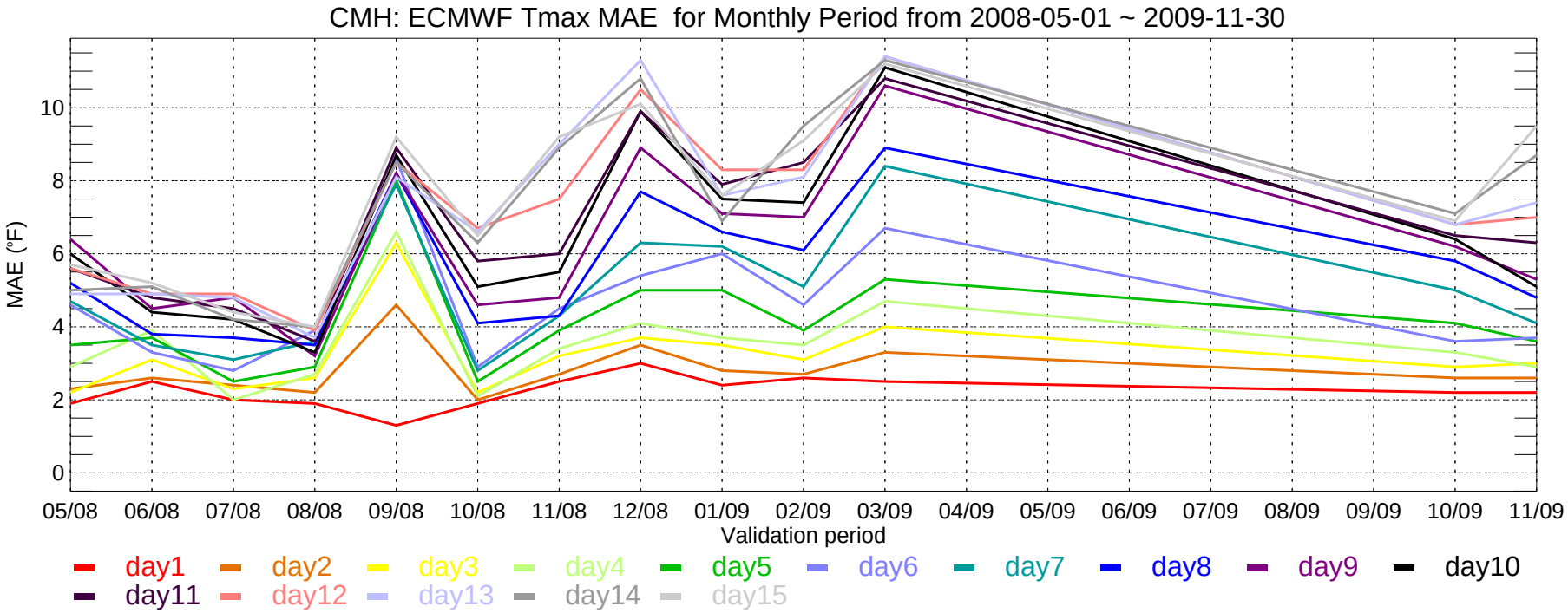
CMH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
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07/08
08/08
09/08
10/08
11/08
12/08
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02/09
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Validation period
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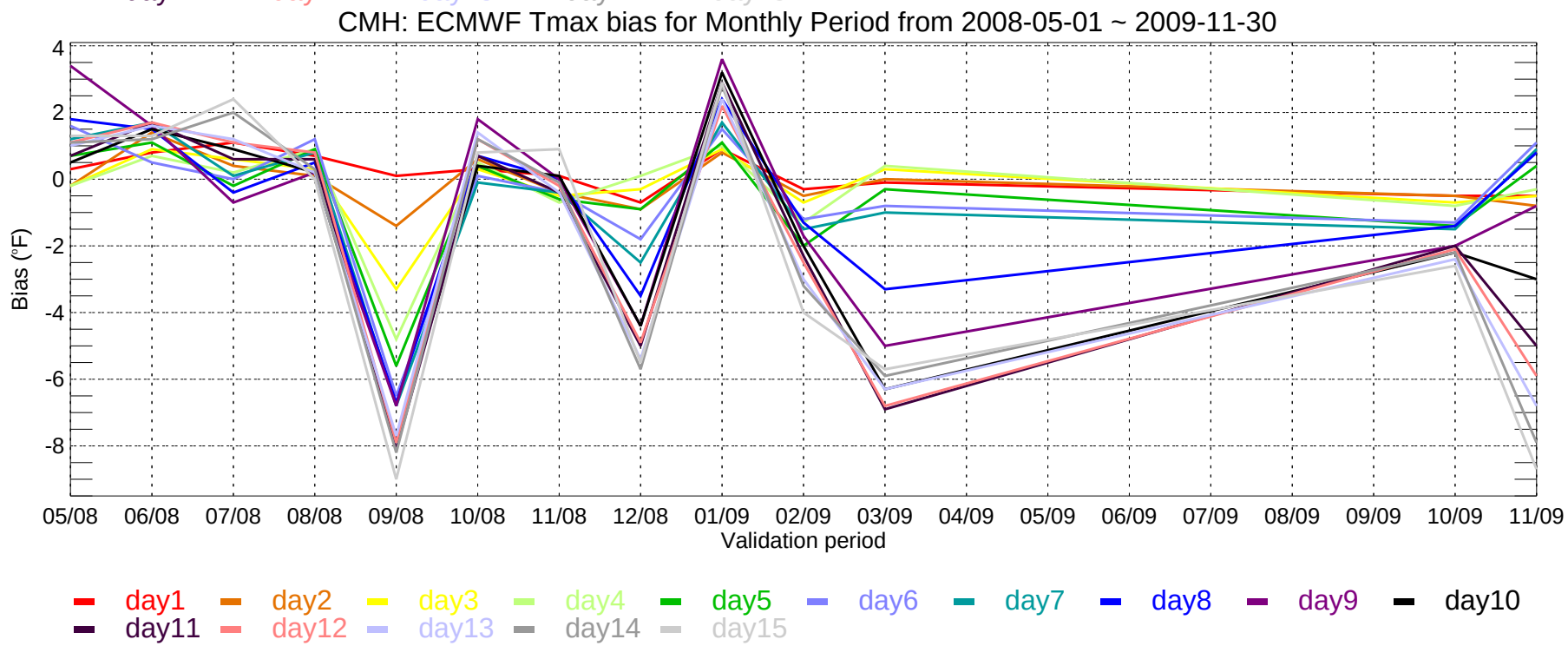
CMH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
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-2
-4
-6
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05/08
06/08
07/08
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09/08
10/08
11/08
12/08
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11/09
Validation period
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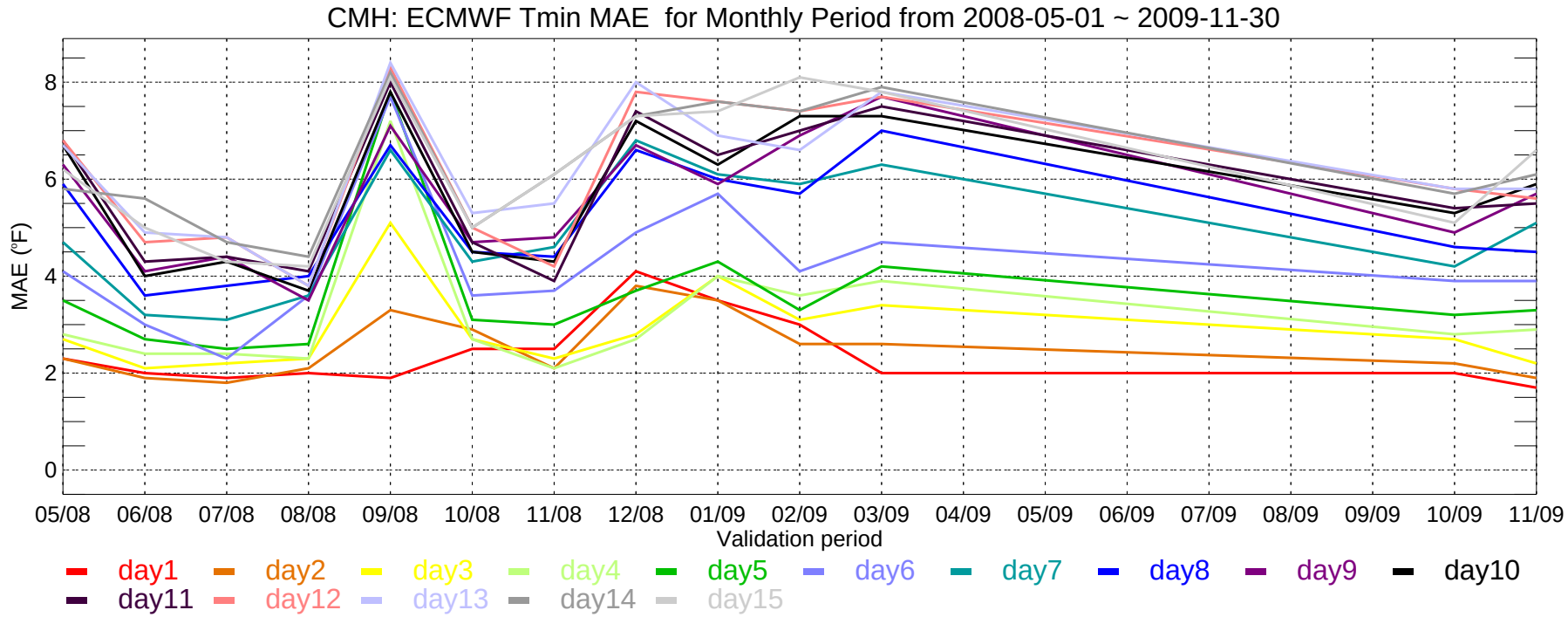
CMH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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05/08
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Validation period
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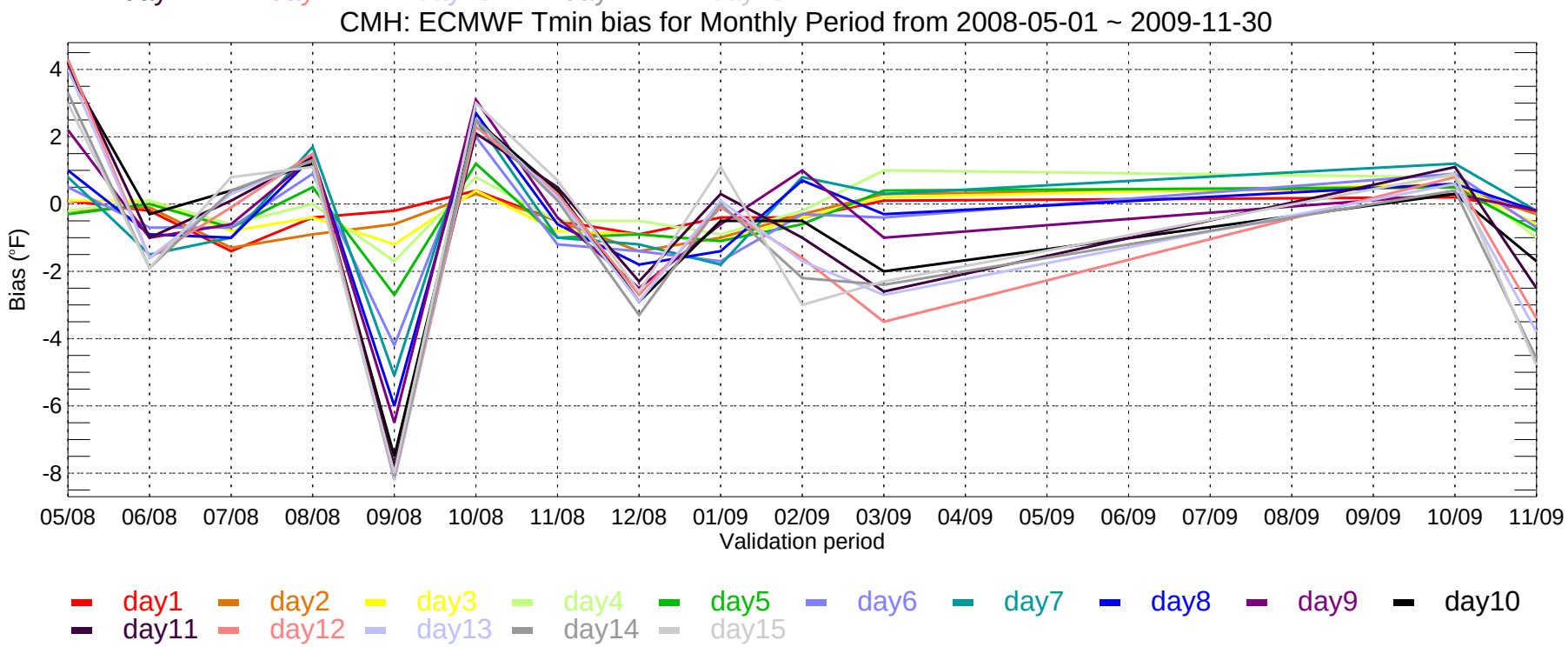
CMH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
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Validation period
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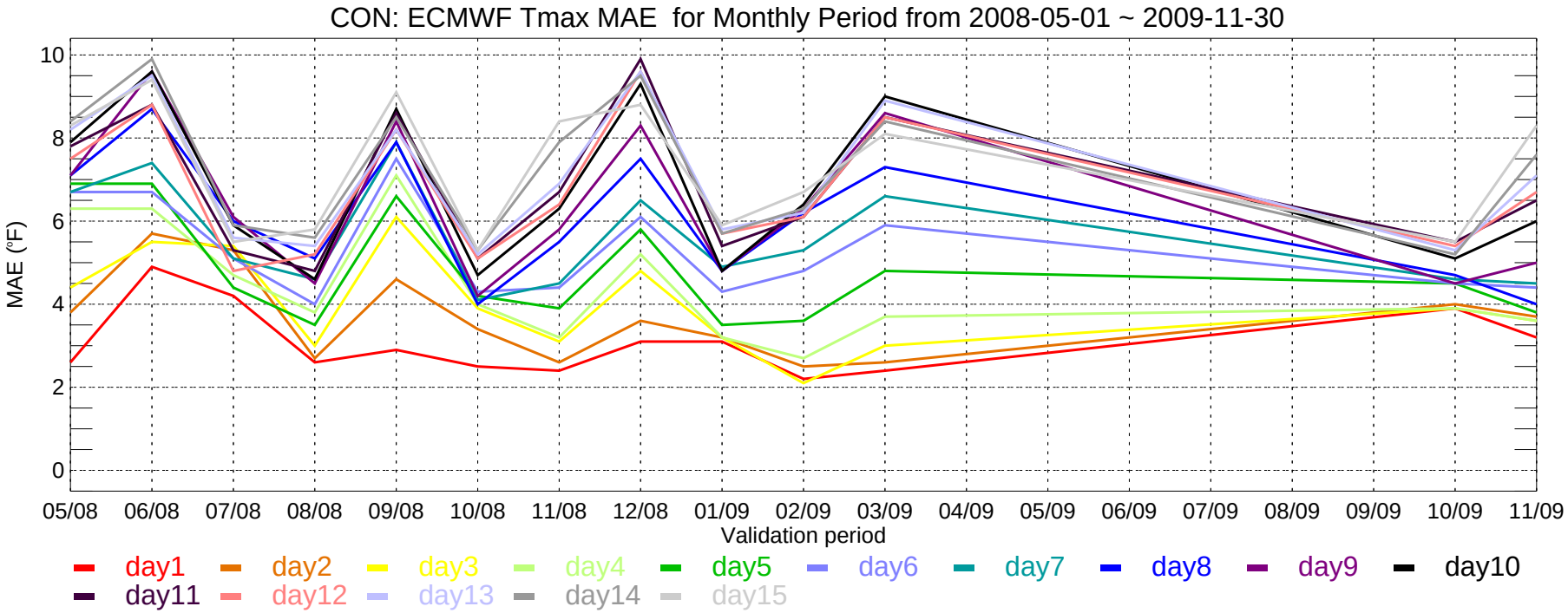
CON: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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Validation period
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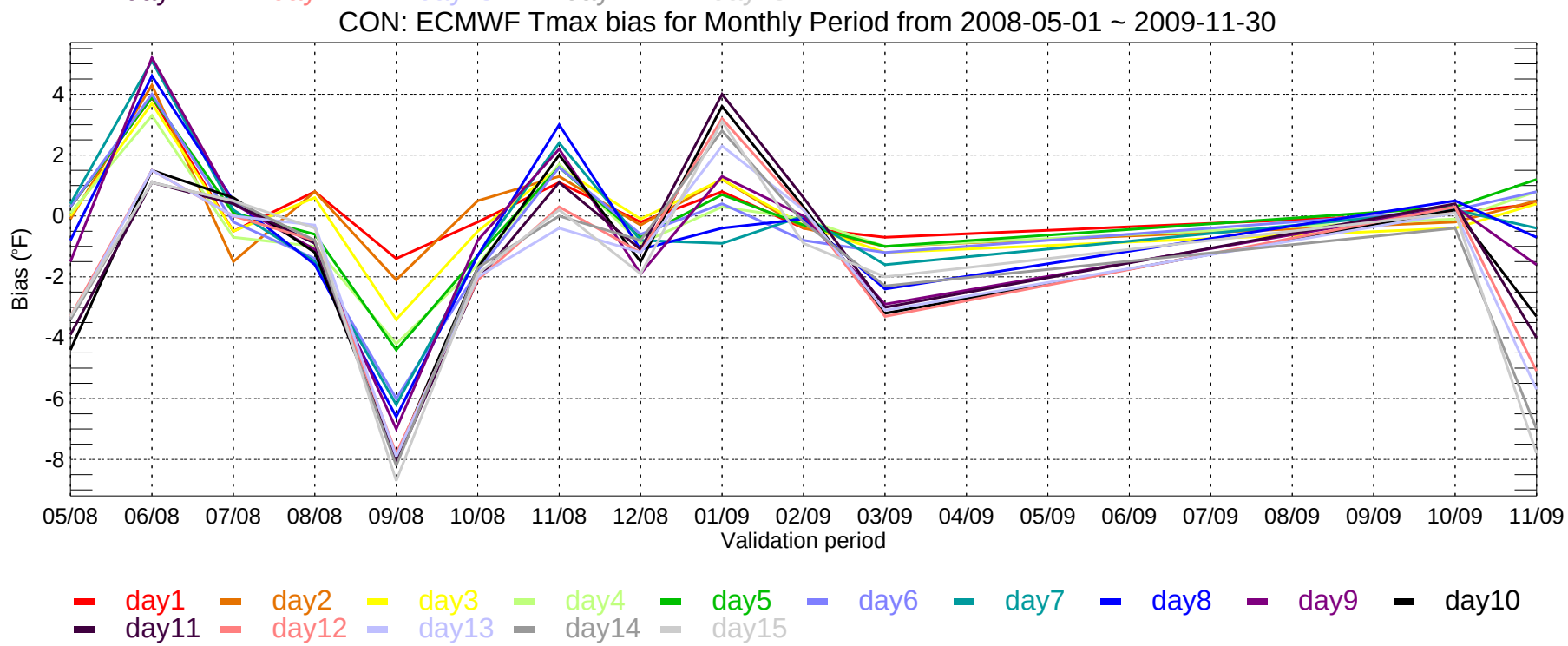
CON: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
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05/08
06/08
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10/08
11/08
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Validation period
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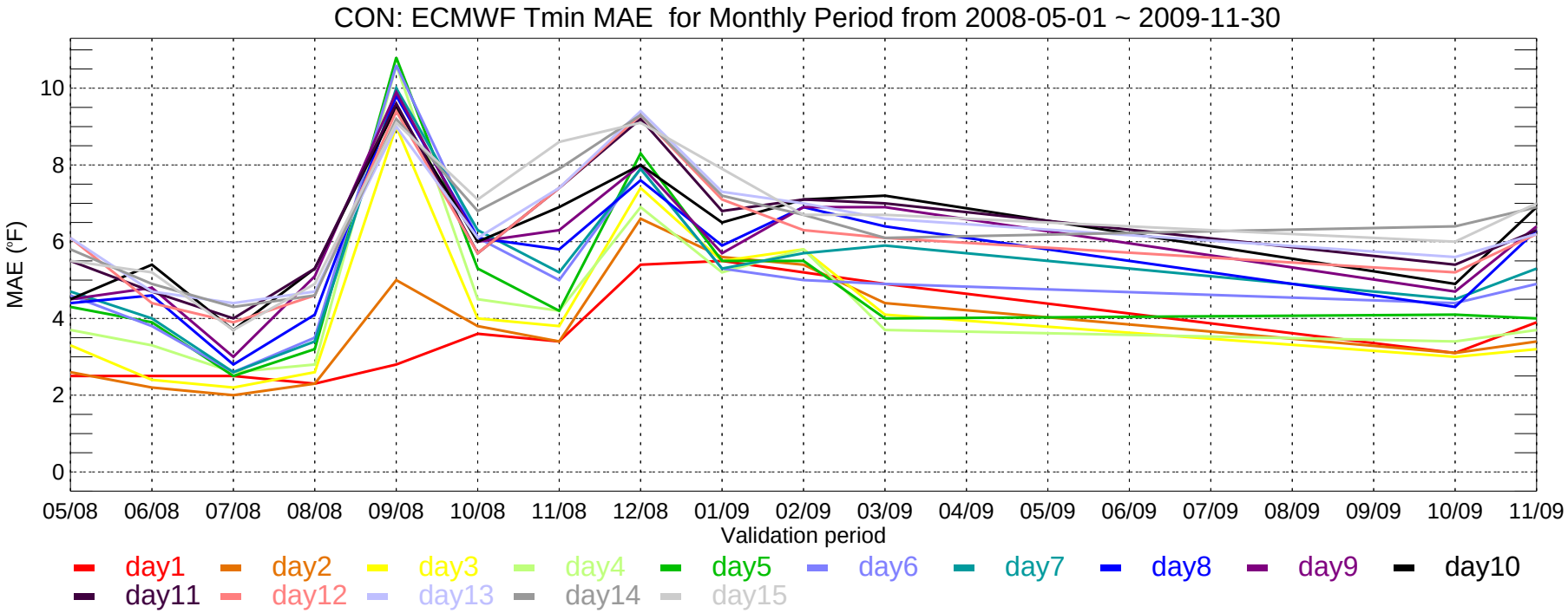
CON: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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07/08
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09/08
10/08
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12/08
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Validation period
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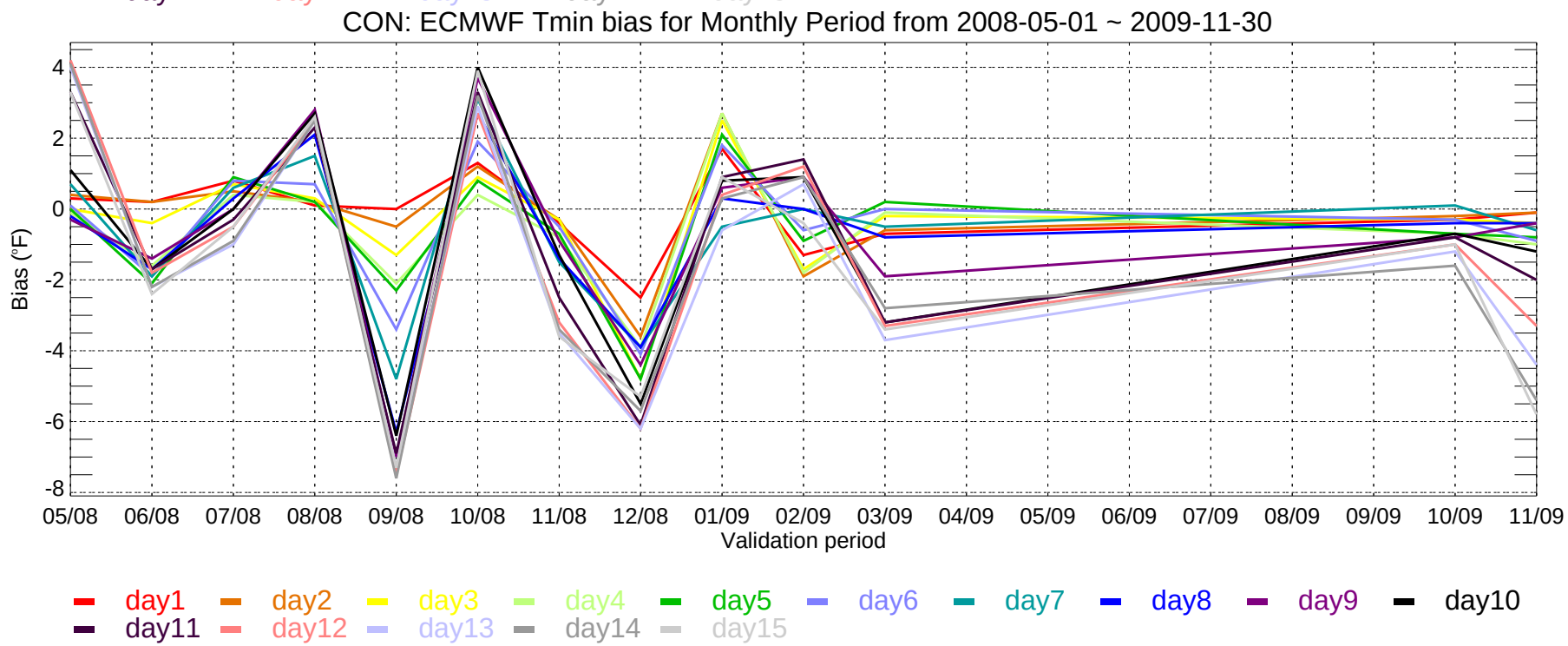
CON: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
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Validation period
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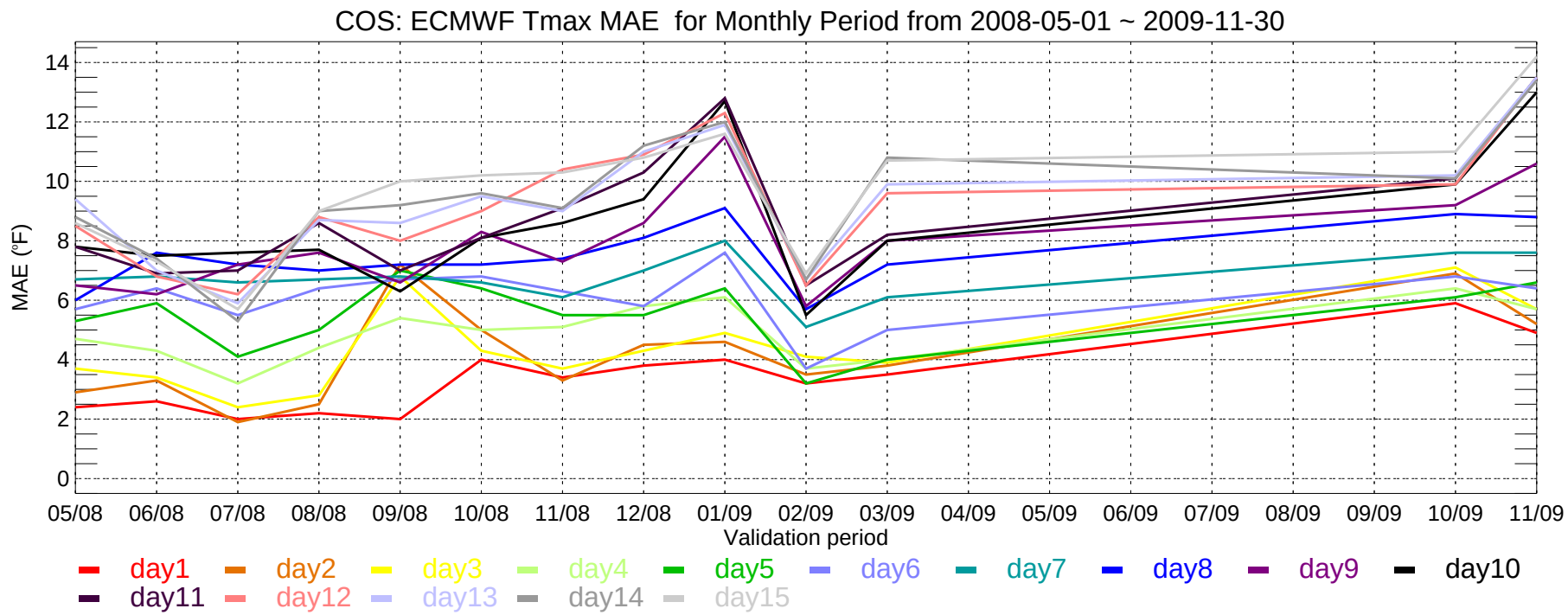
COS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
12
14
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
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day6
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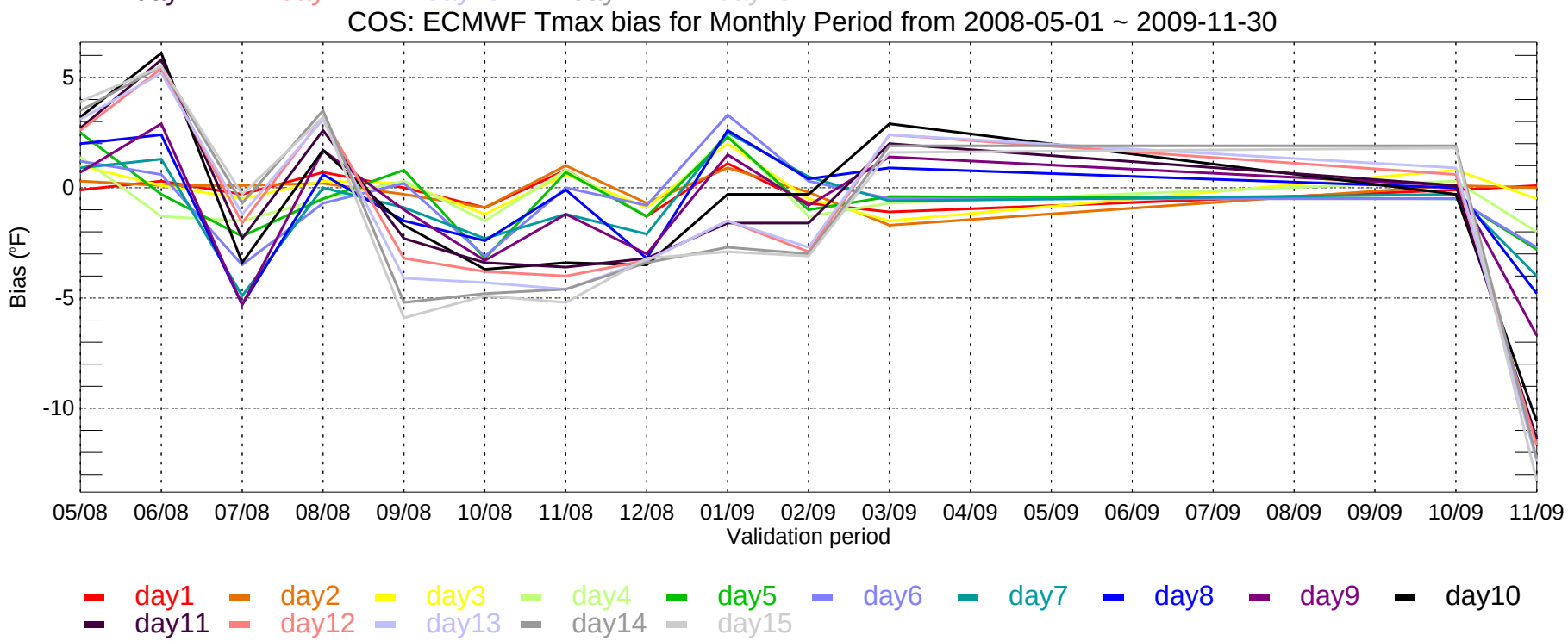
day13
day14
day15


COS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
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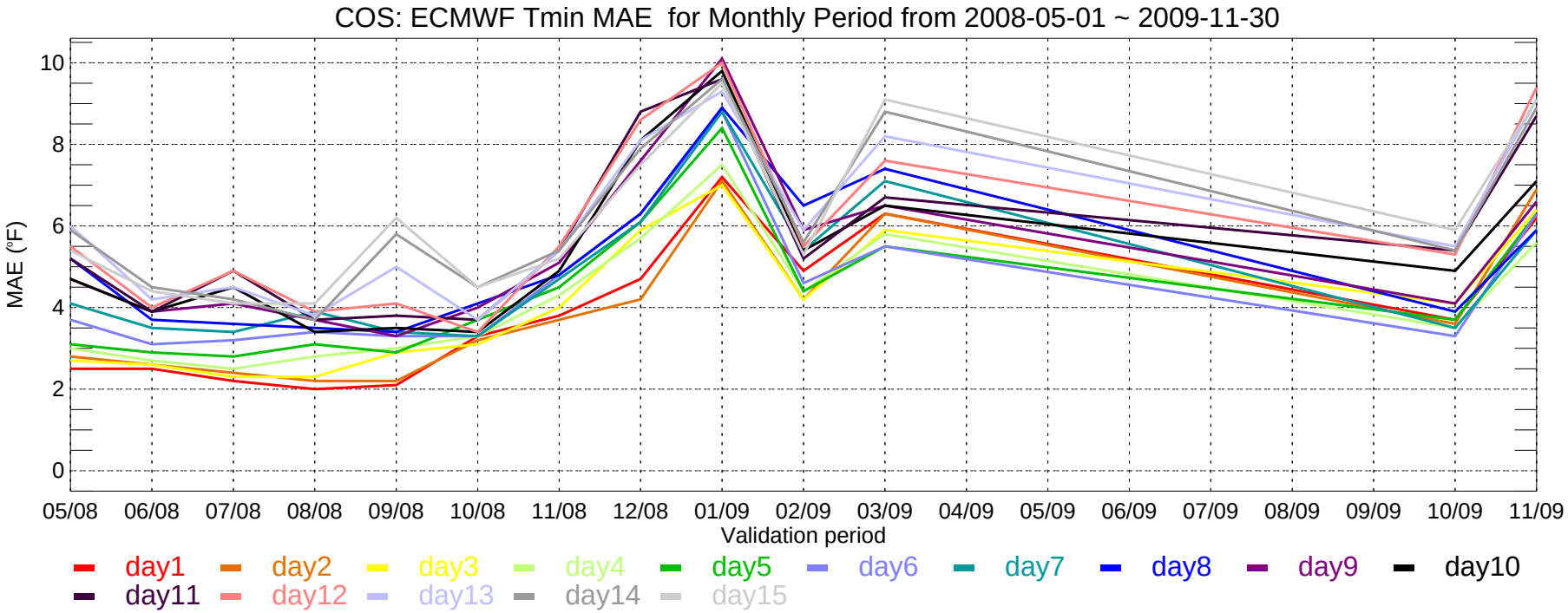
day12
day13
day14
day15


COS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
day7
day8
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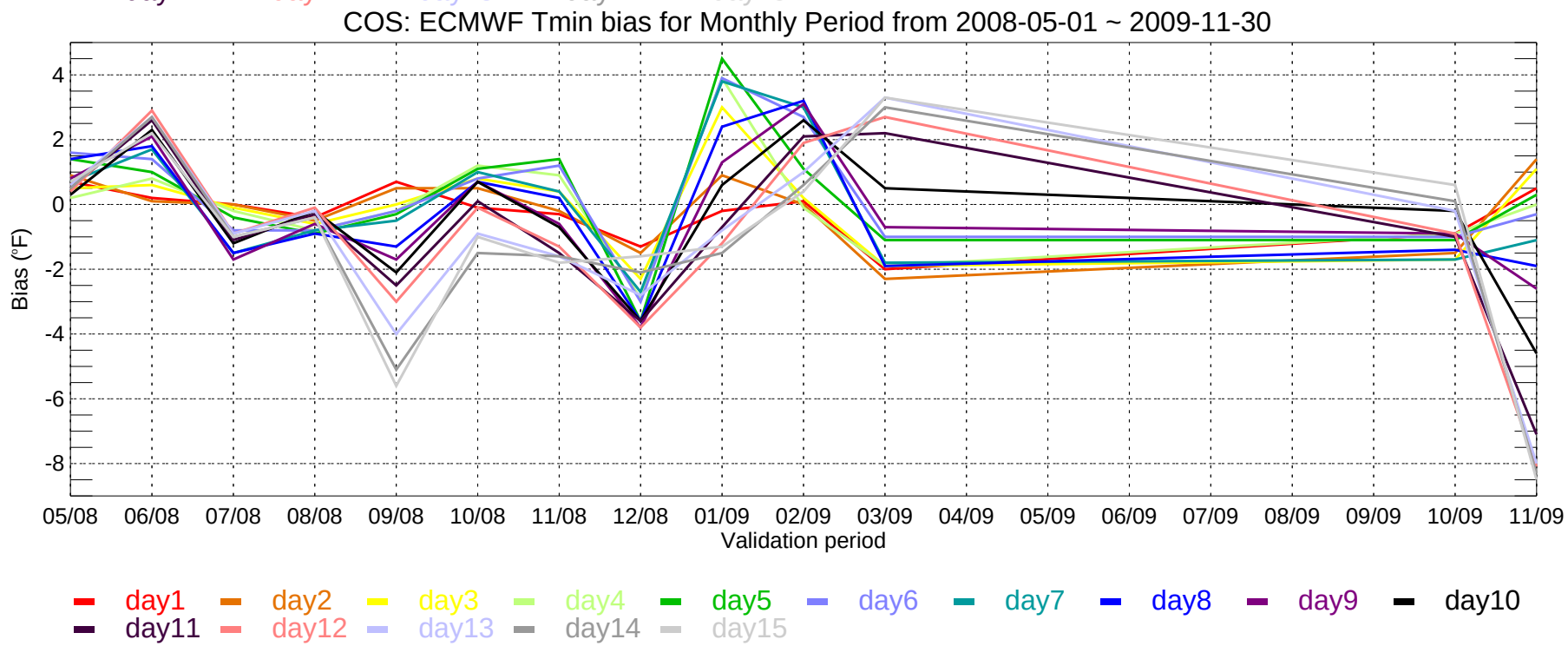
day12
day13
day14
day15


COS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
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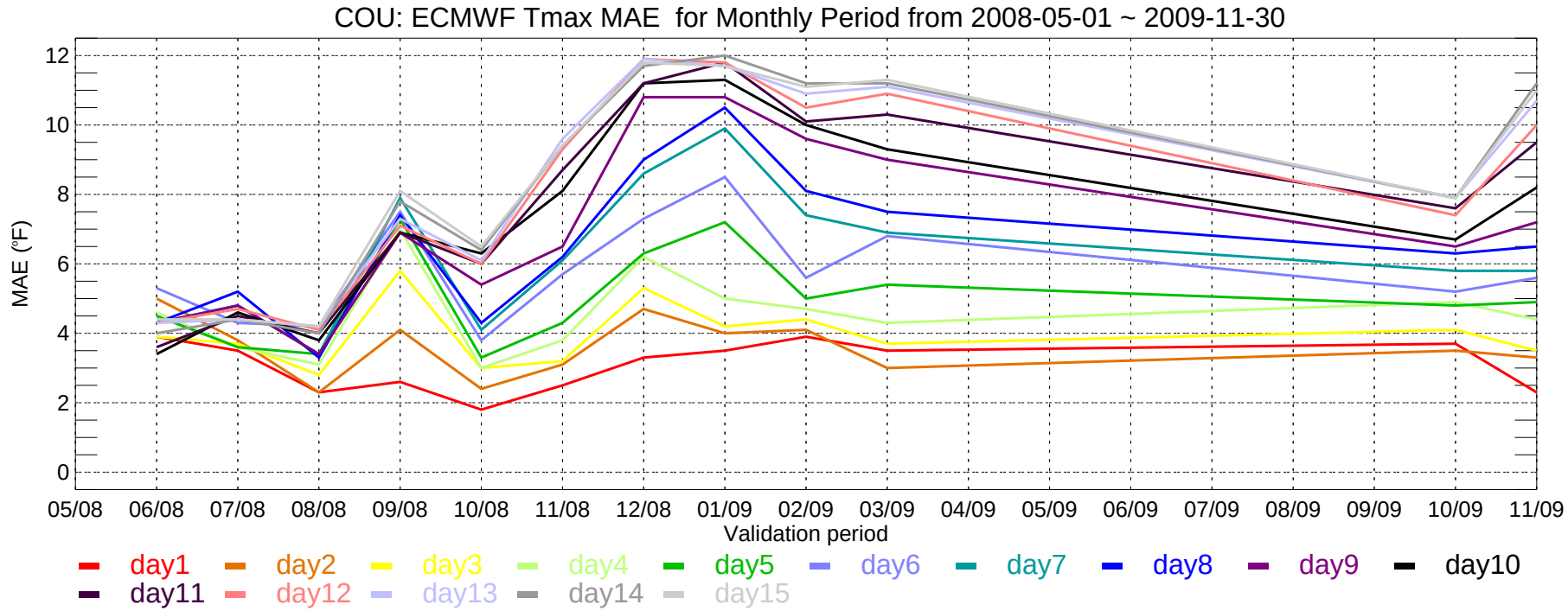
day12
day13
day14
day15


COU: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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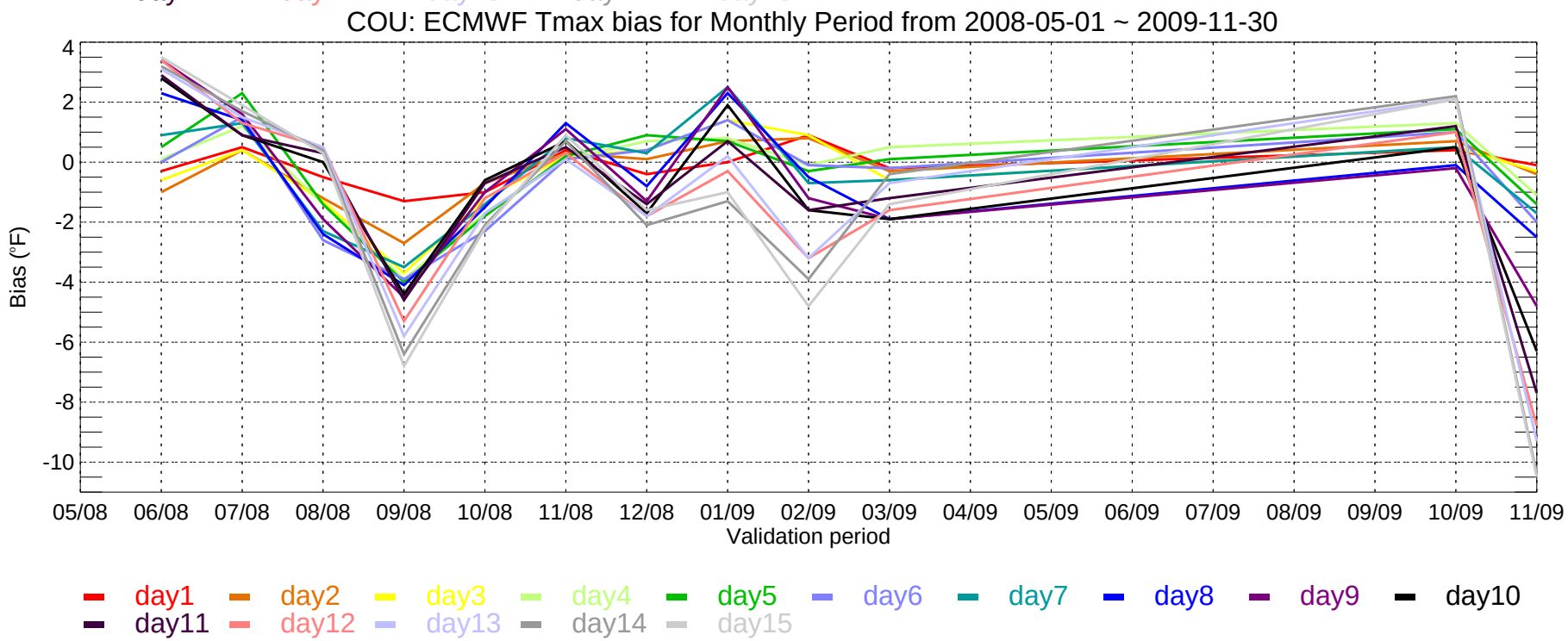
day14
day15


COU: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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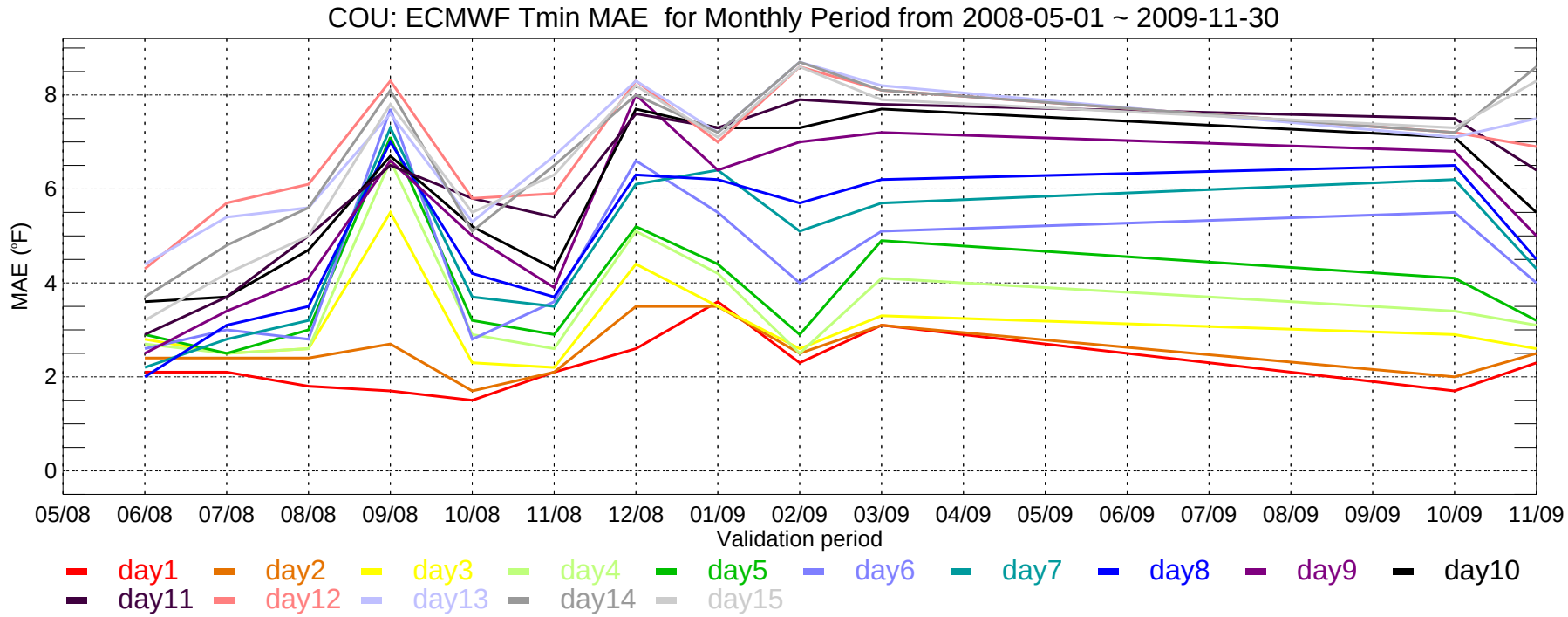
day14
day15


COU: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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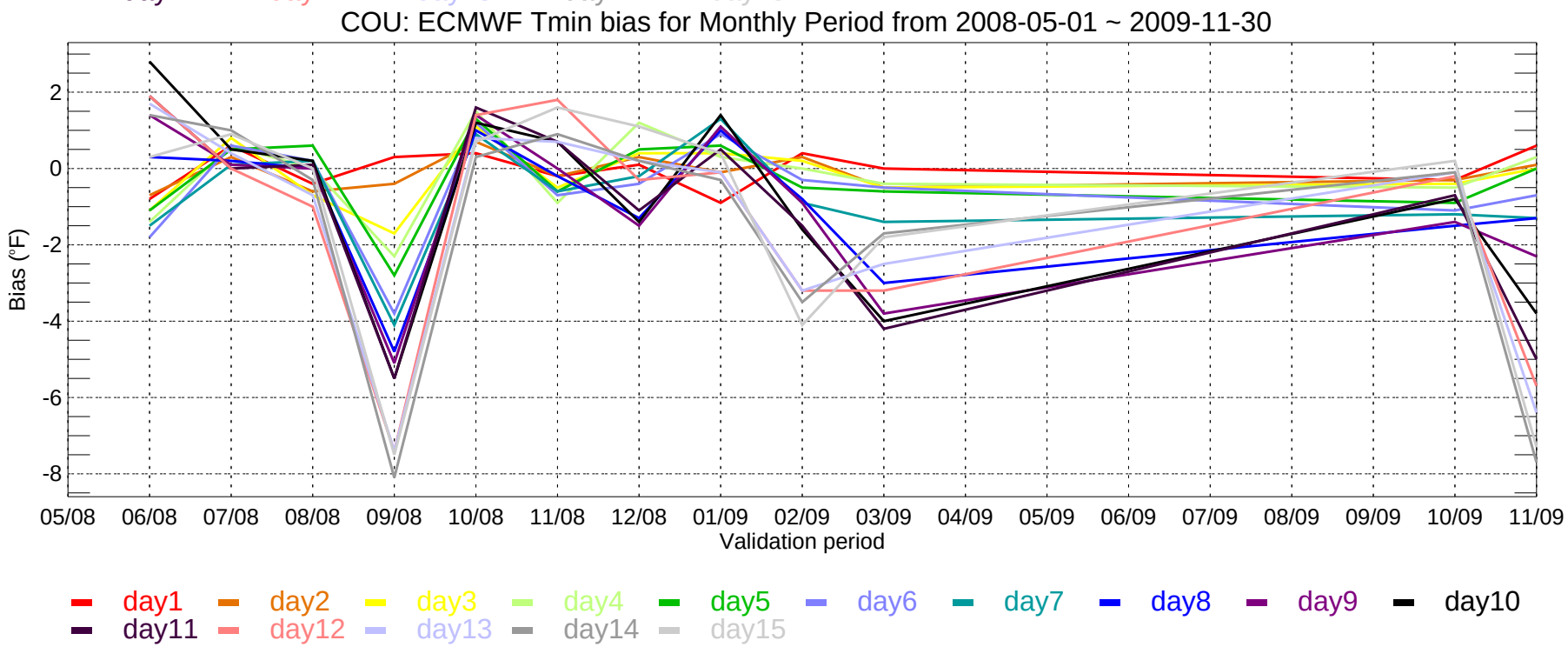
day15


COU: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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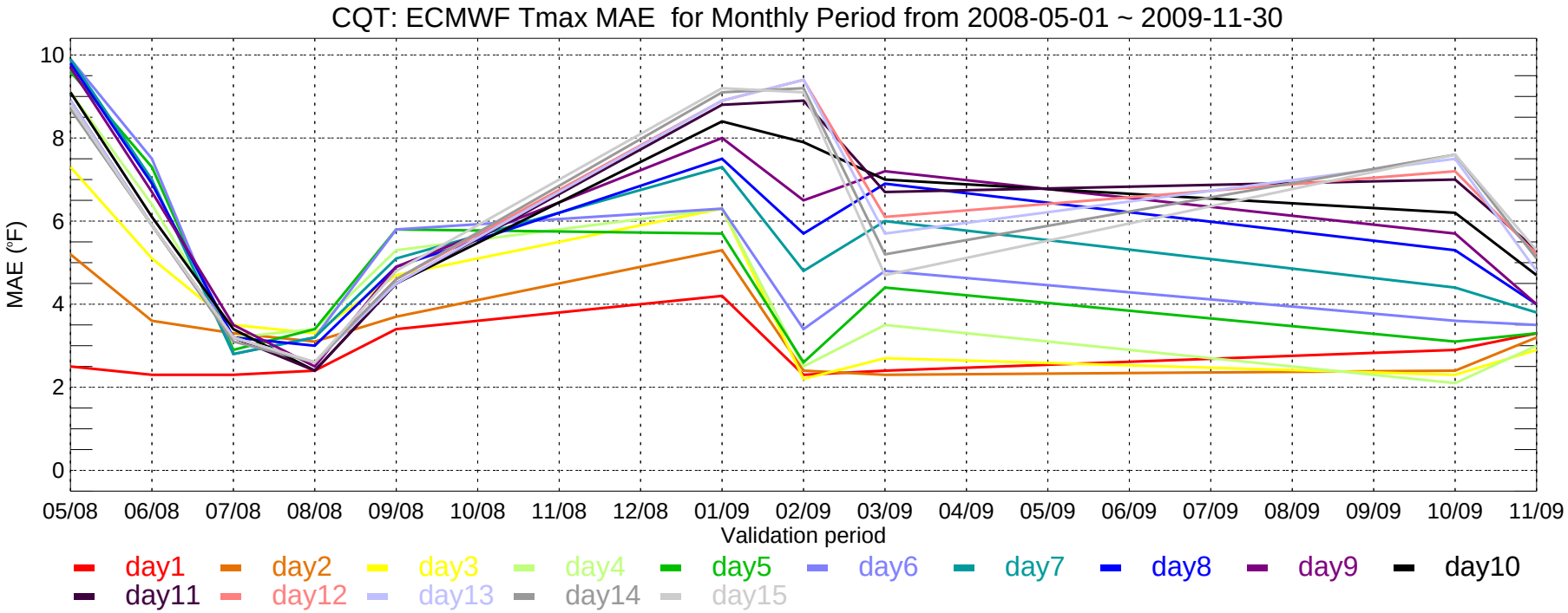
day15


CQT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day7
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day11
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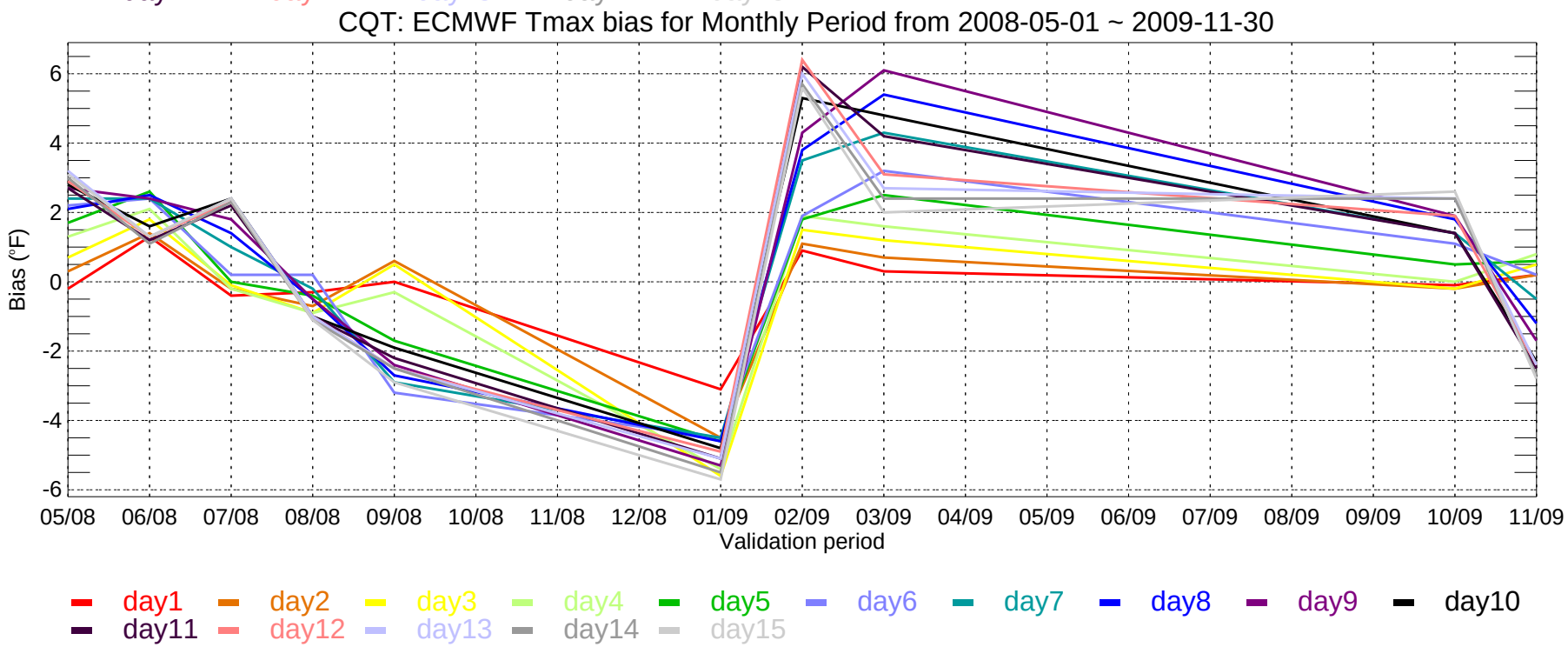
day13
day14
day15


CQT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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day4
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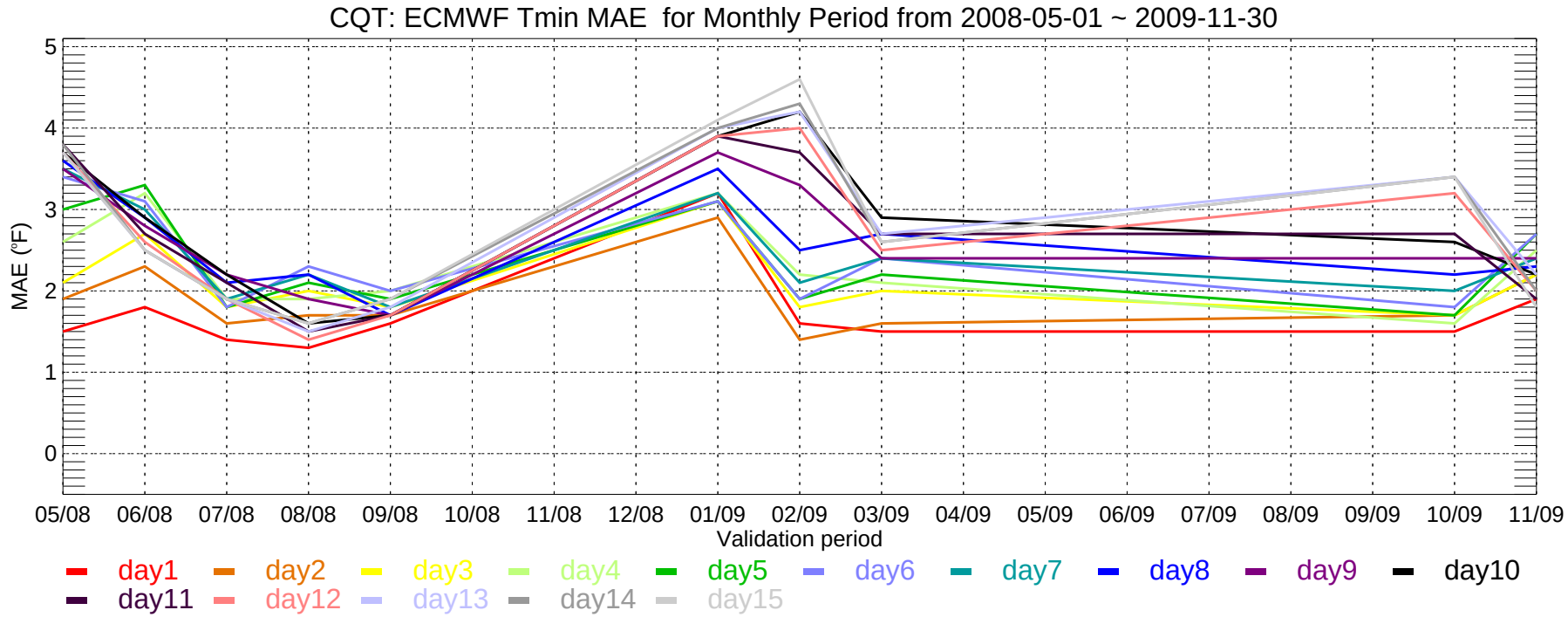
day15


CQT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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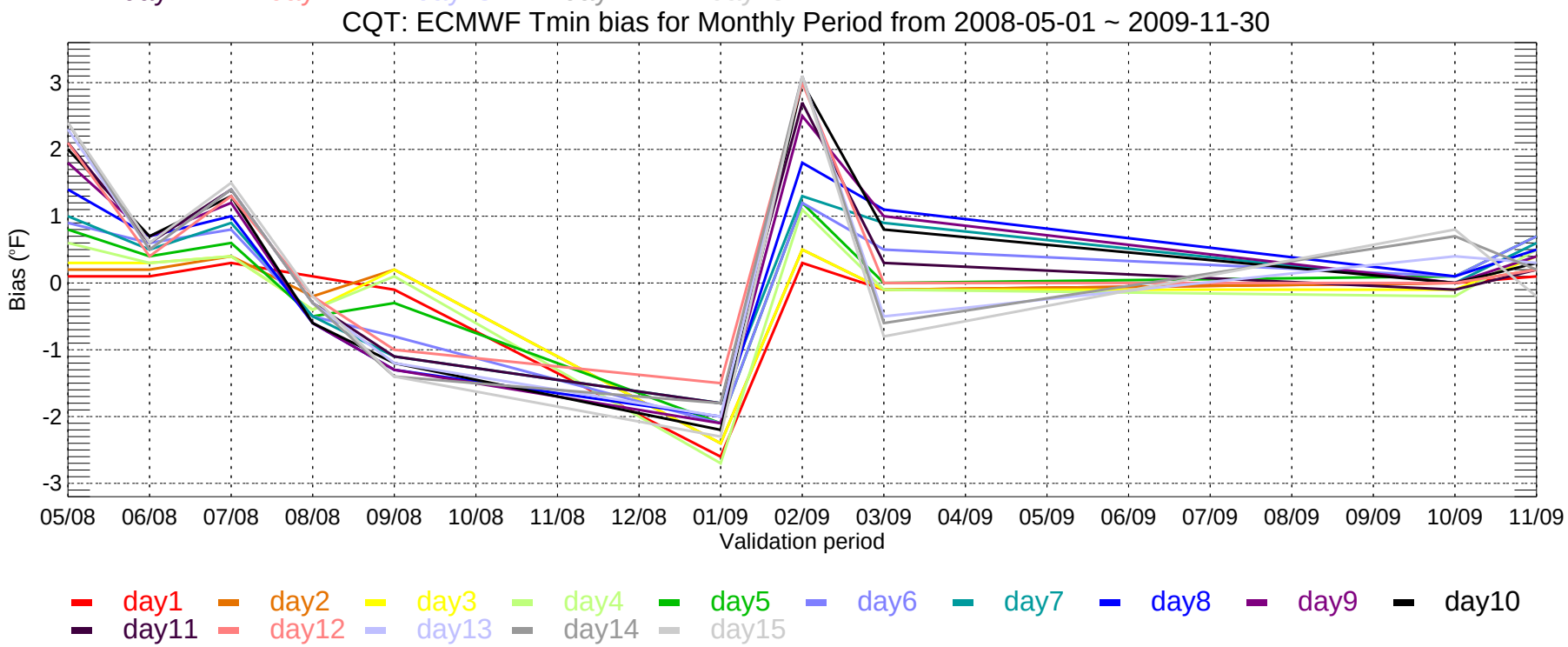
day15


CQT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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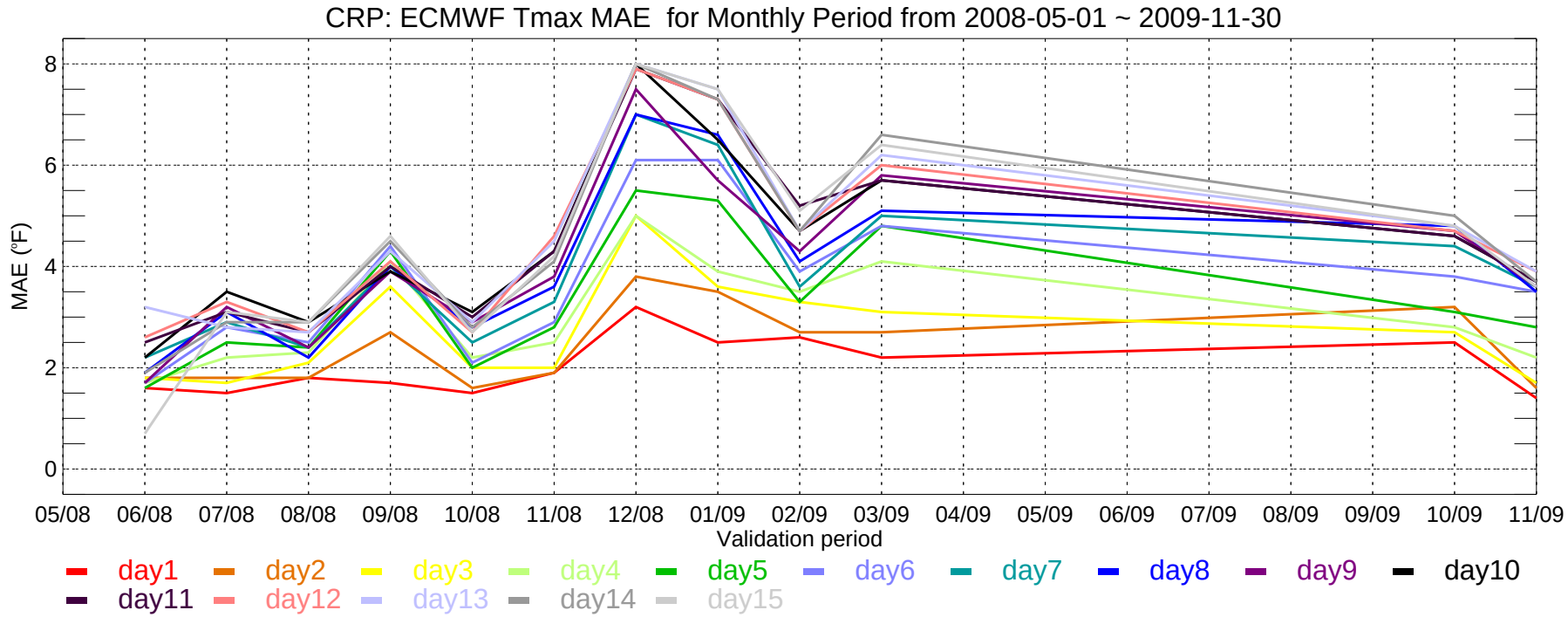
day13
day14
day15


CRP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
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day8
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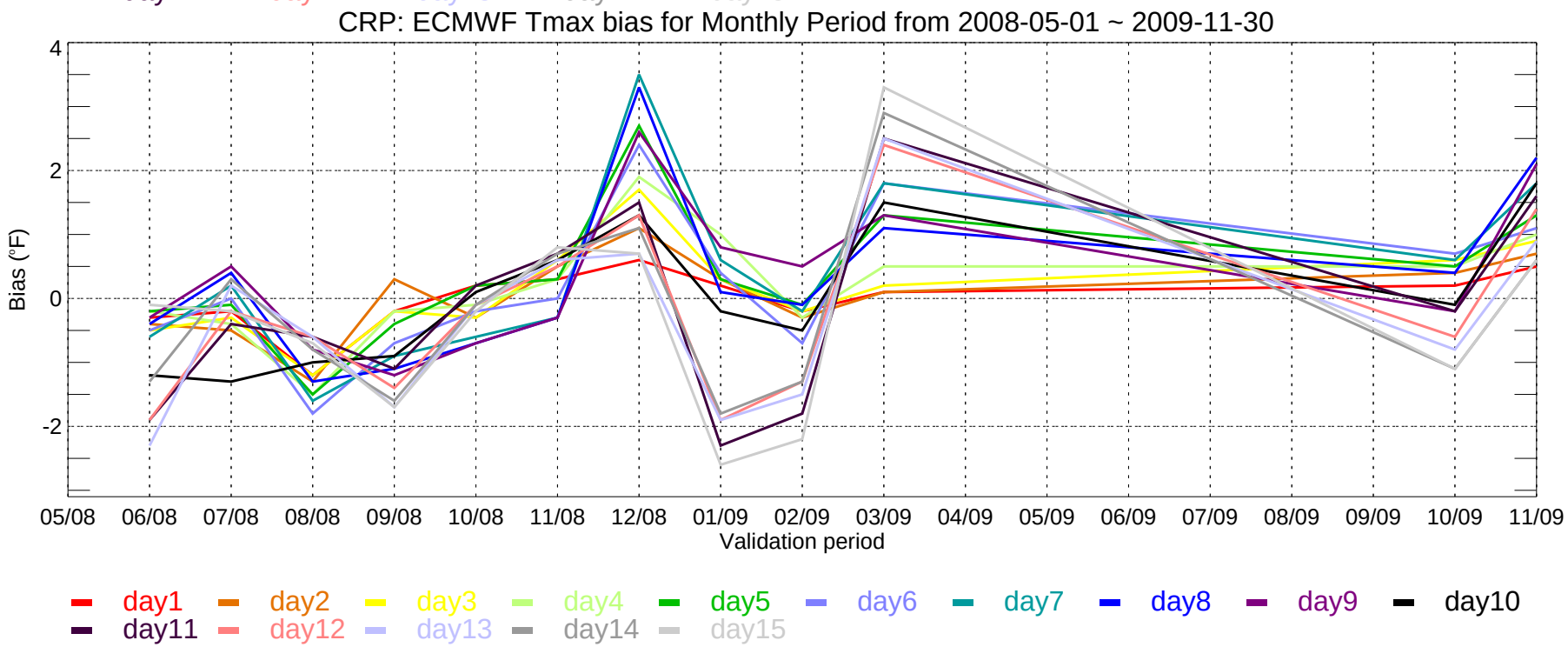
day11
day12
day13
day14
day15


CRP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
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day8
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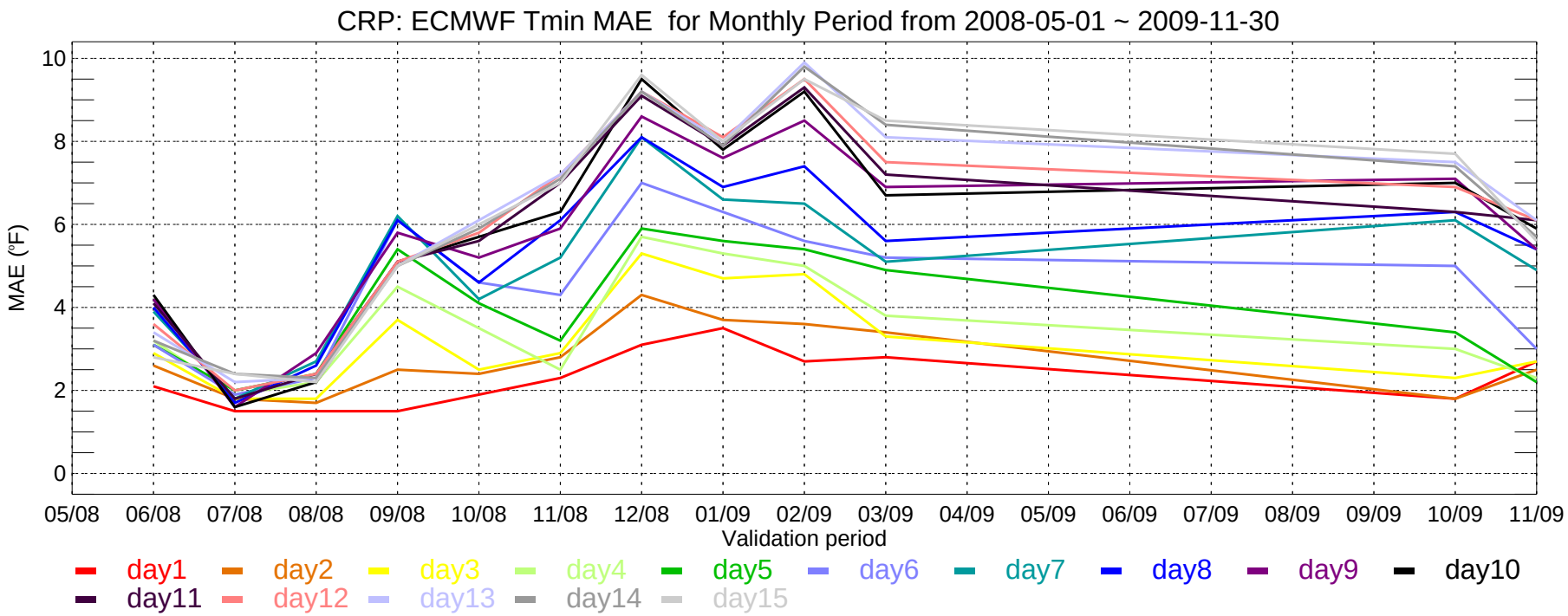
day11
day12
day13
day14
day15


CRP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
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day8
day9
day10
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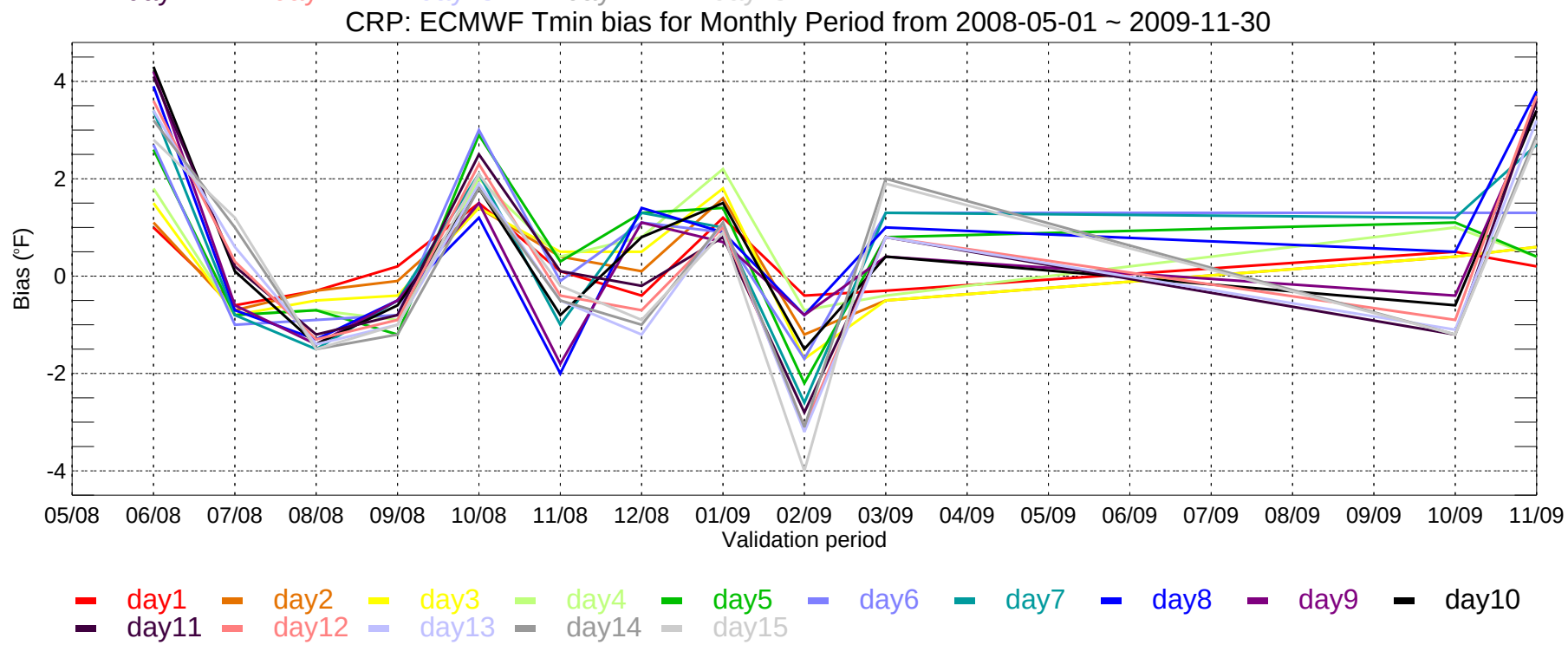
day12
day13
day14
day15


CRP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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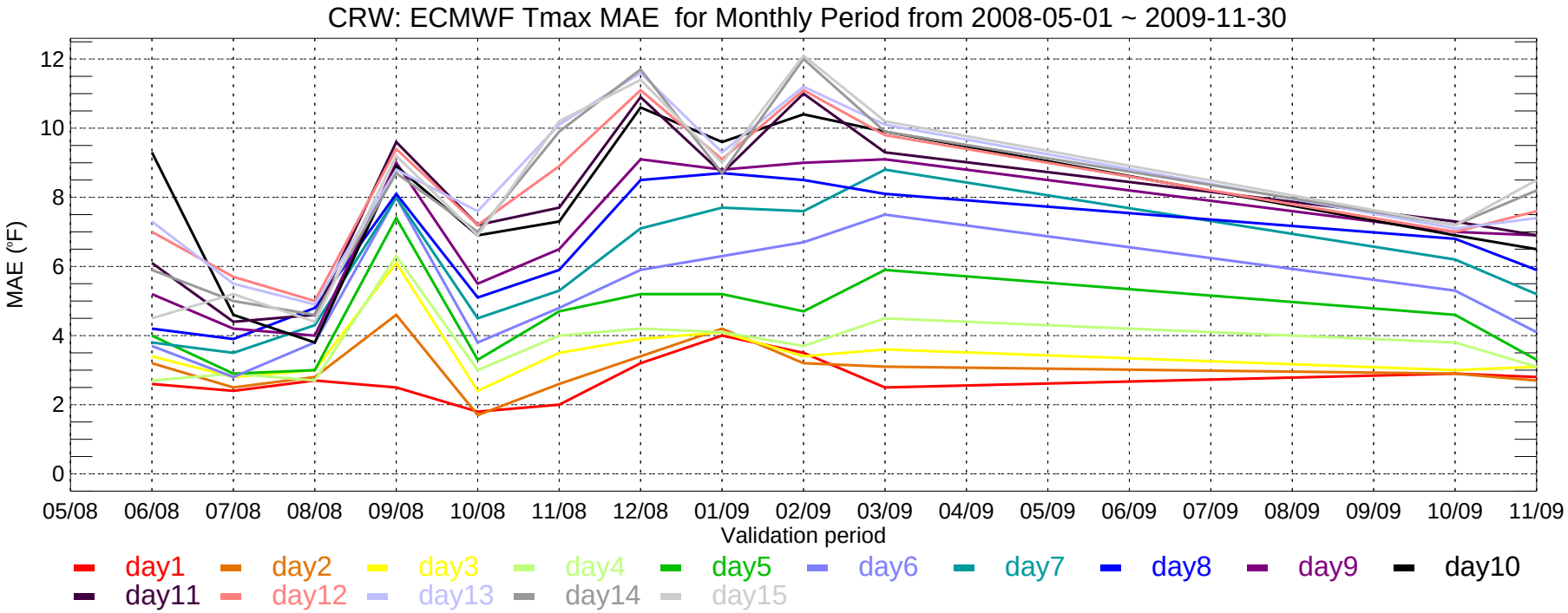
day12
day13
day14
day15


CRW: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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08/09
09/09
10/09
11/09
Validation period
day1
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day3
day4
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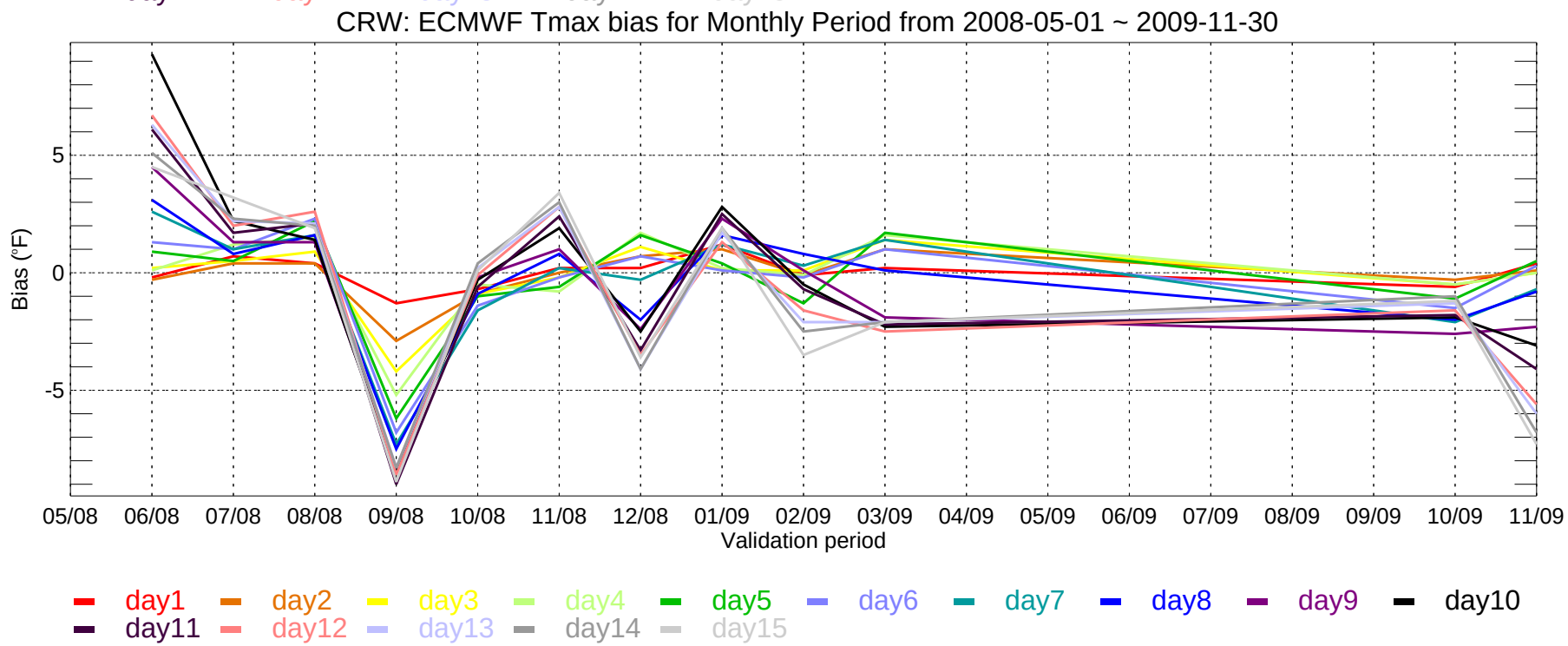
day12
day13
day14
day15


CRW: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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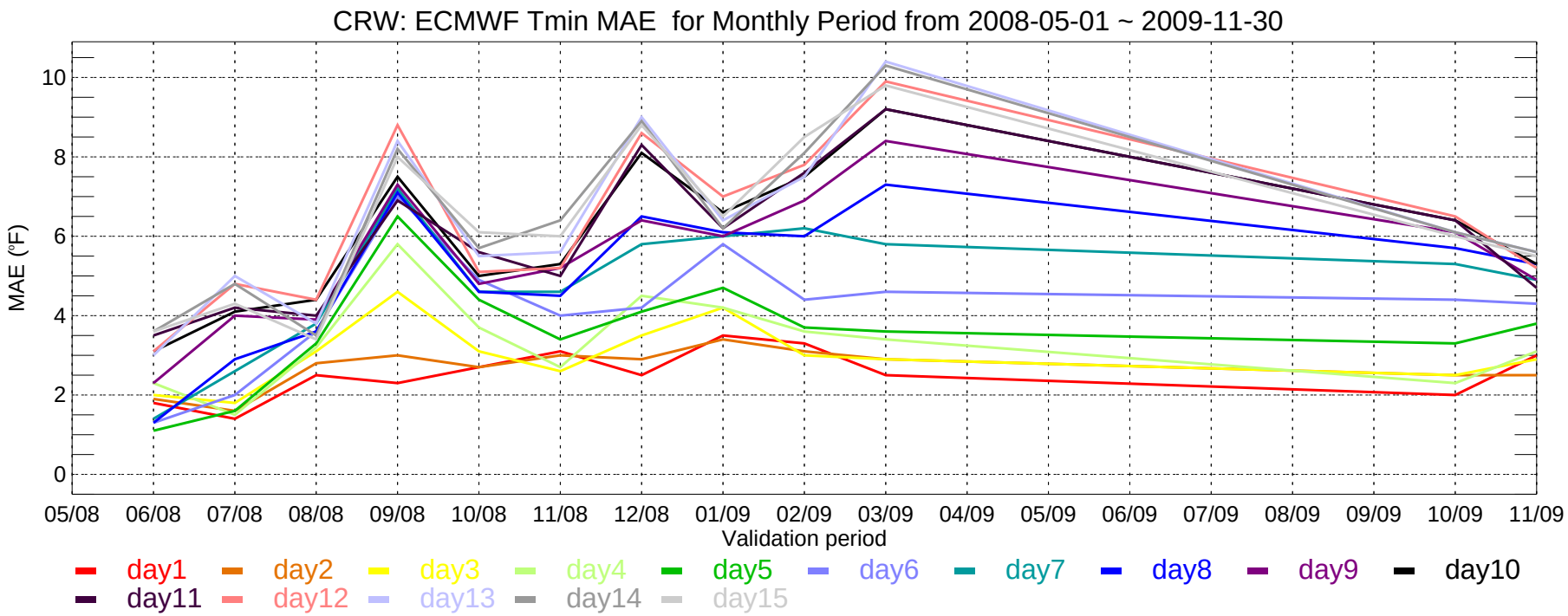
day15


CRW: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
day1
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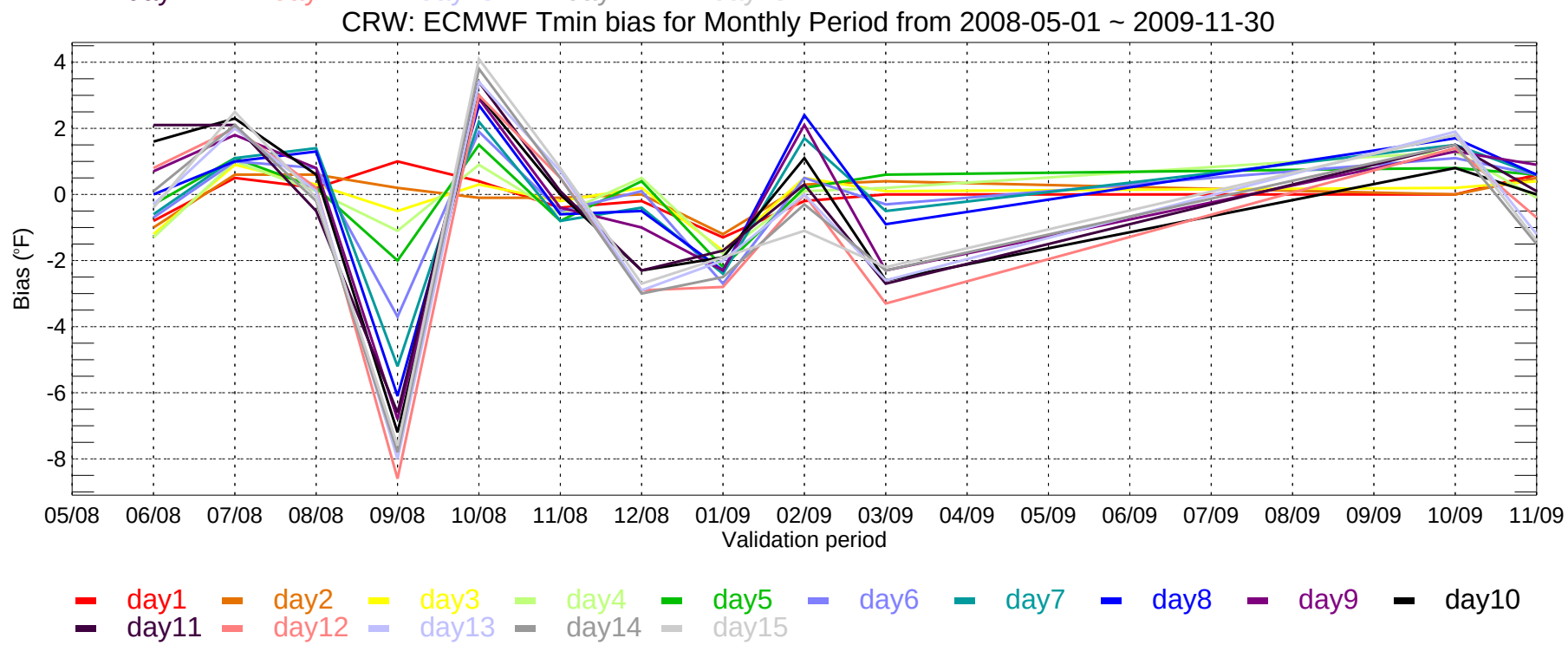
day15


CRW: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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04/09
05/09
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09/09
10/09
11/09
Validation period
day1
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day4
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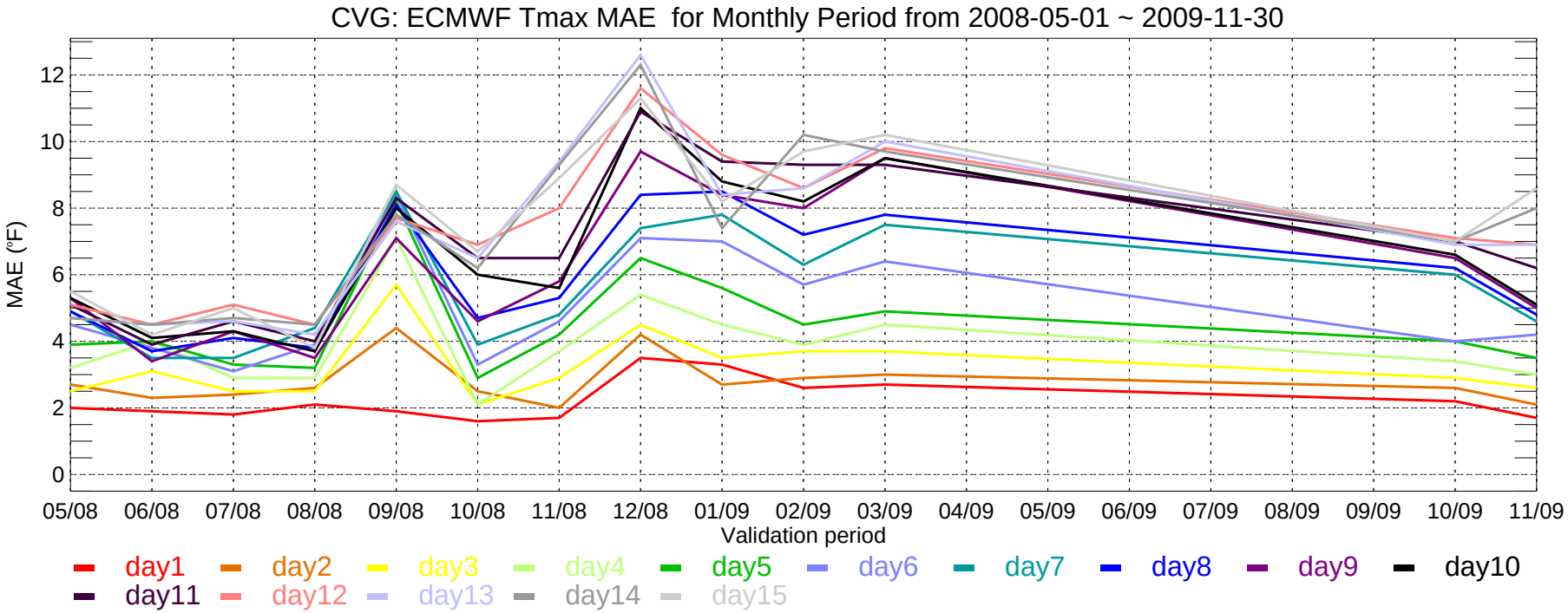
day15


CVG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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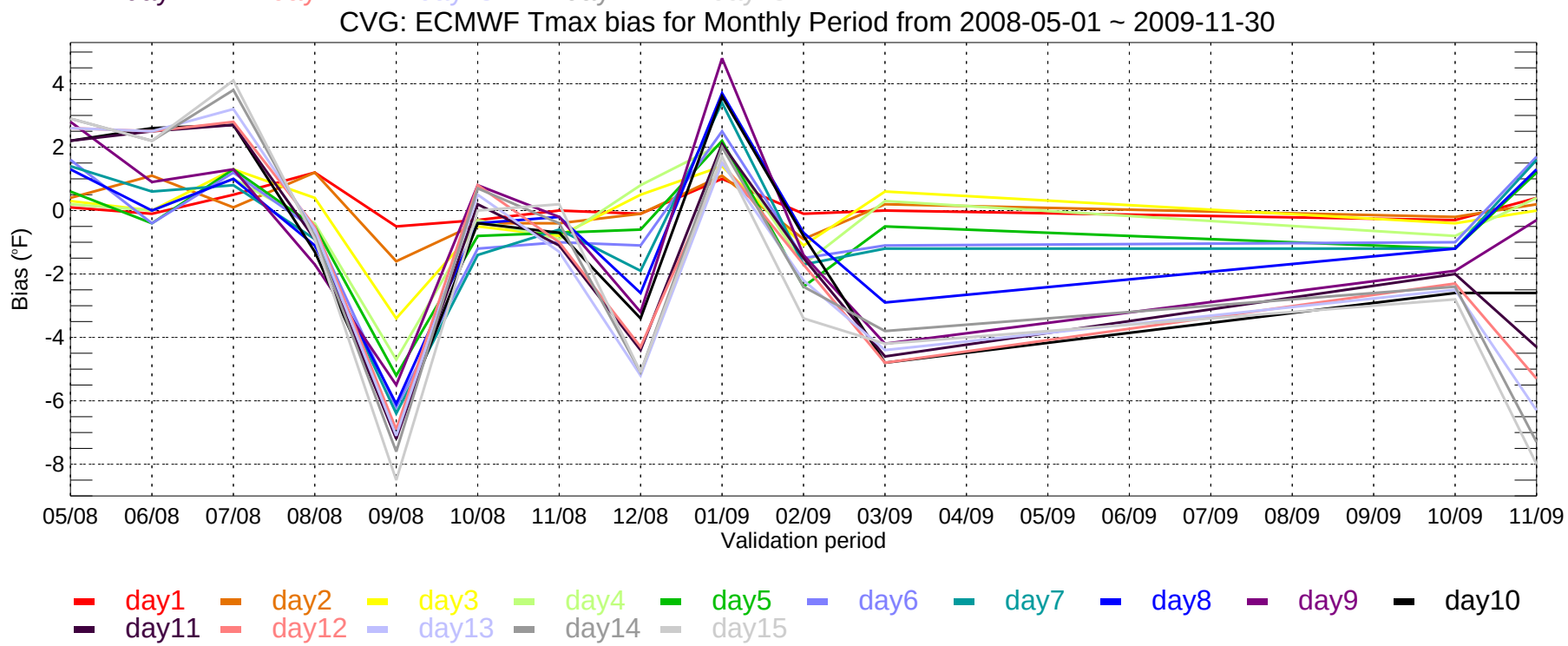
day15


CVG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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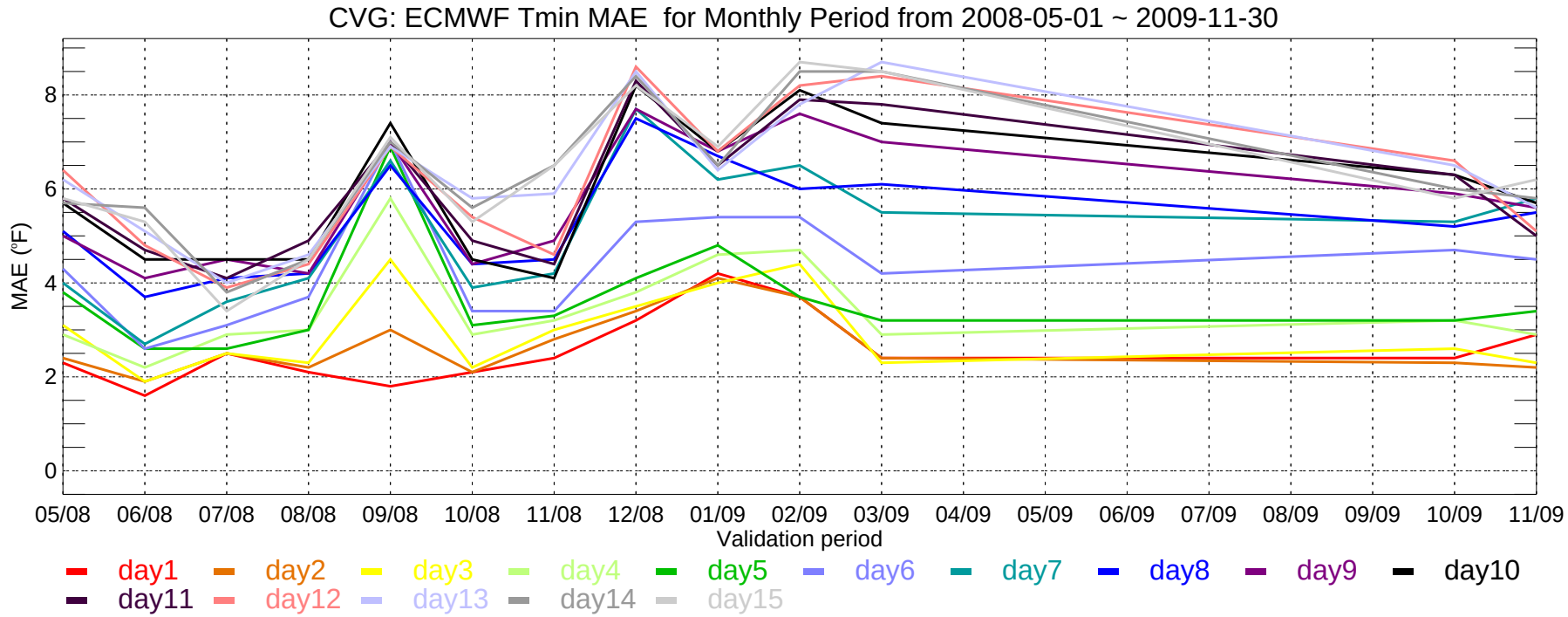
day15


CVG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
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4
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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08/09
09/09
10/09
11/09
Validation period
day1
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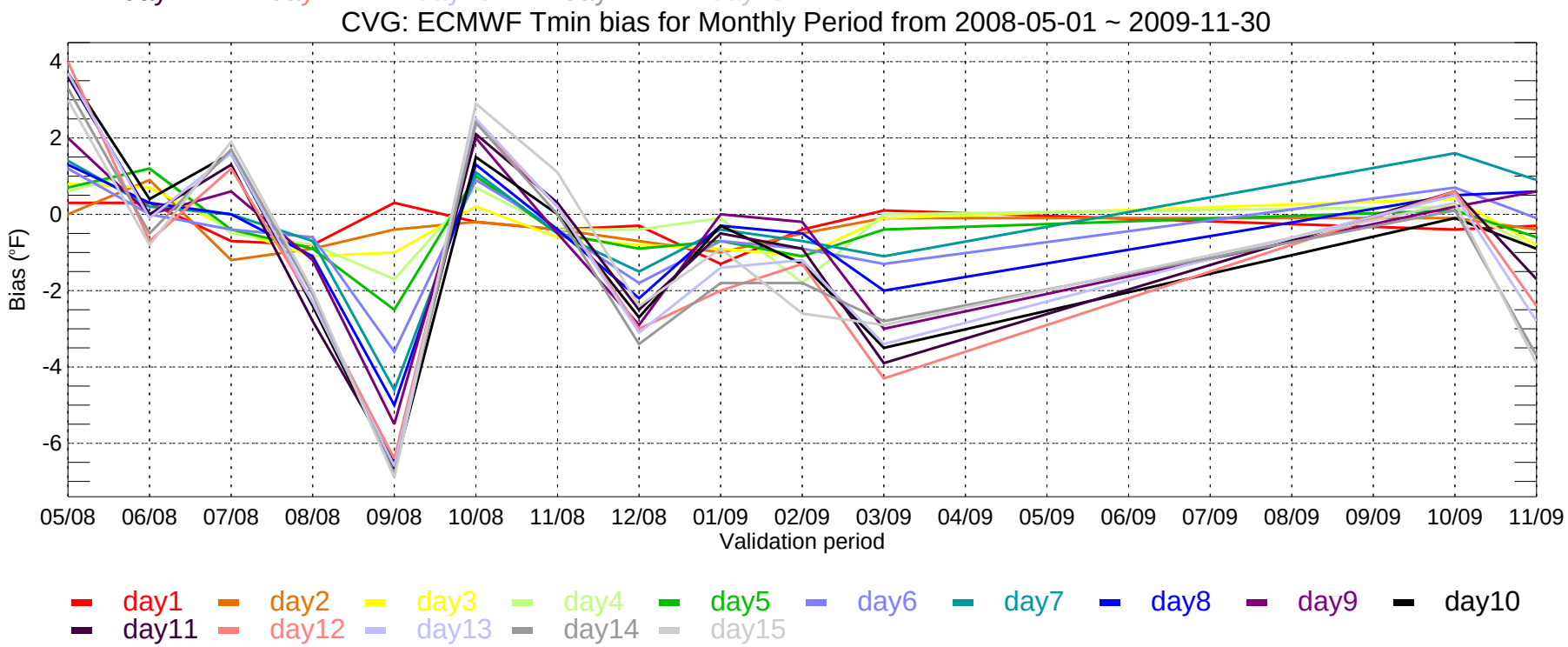
day14
day15


CVG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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11/09
Validation period
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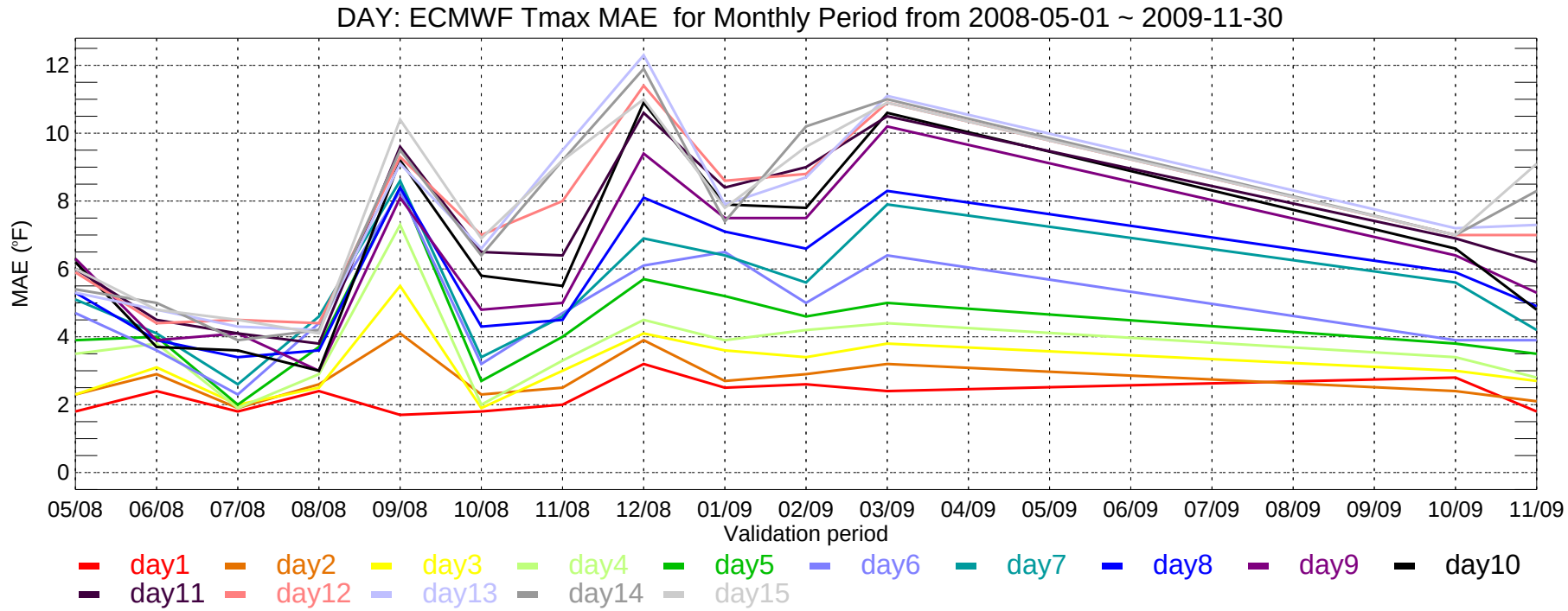
DAY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
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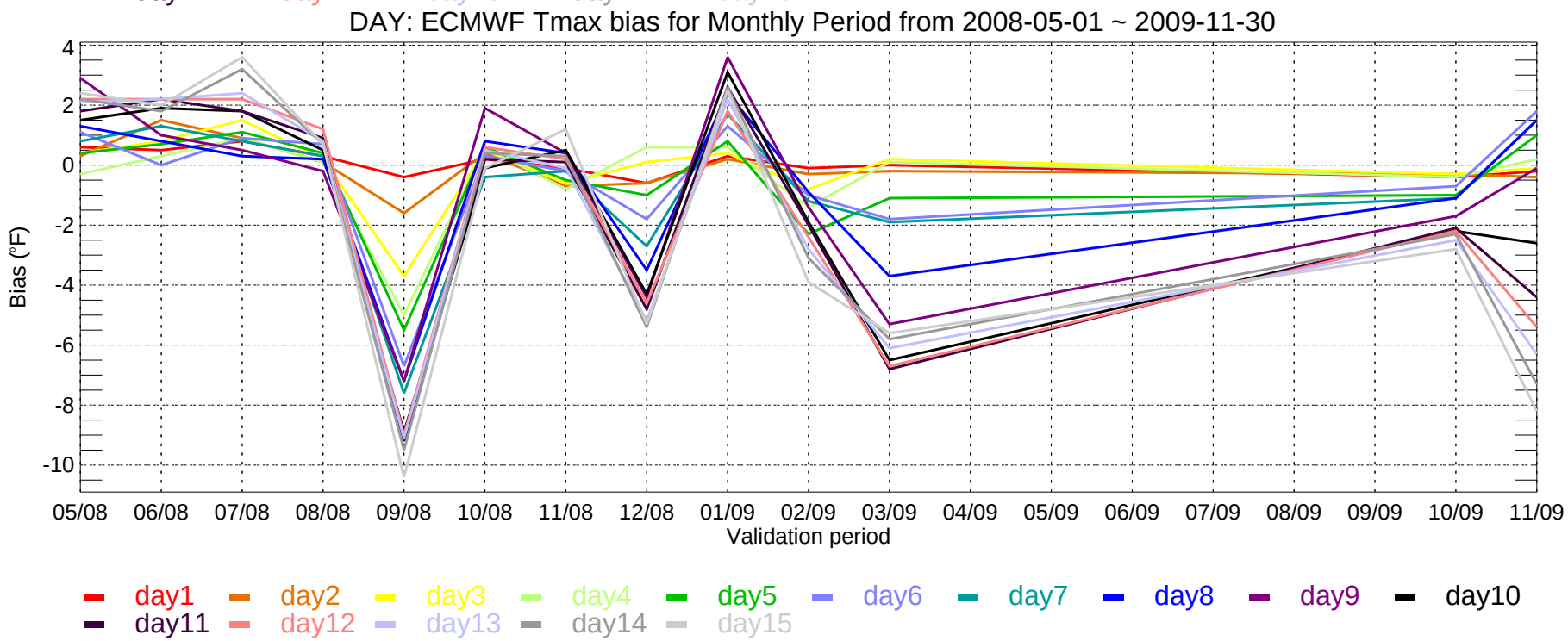
day15


DAY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
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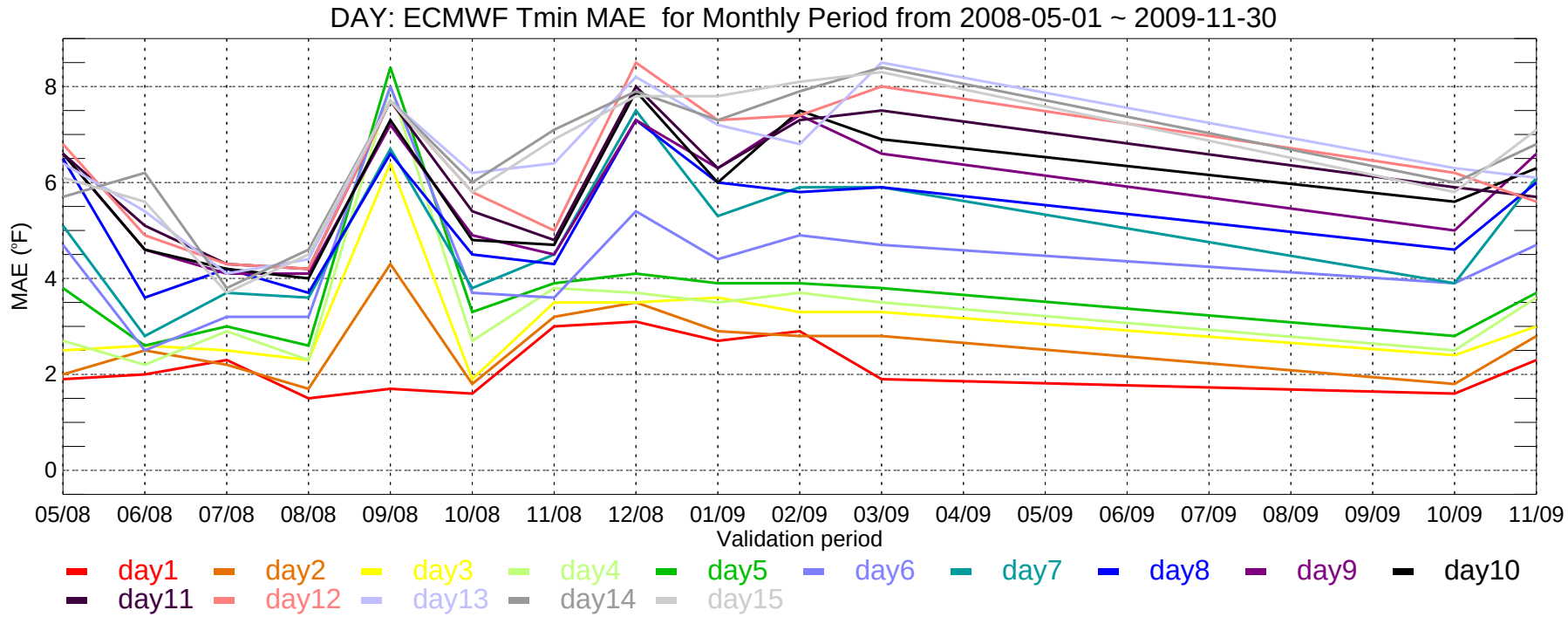
DAY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
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8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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11/09
Validation period
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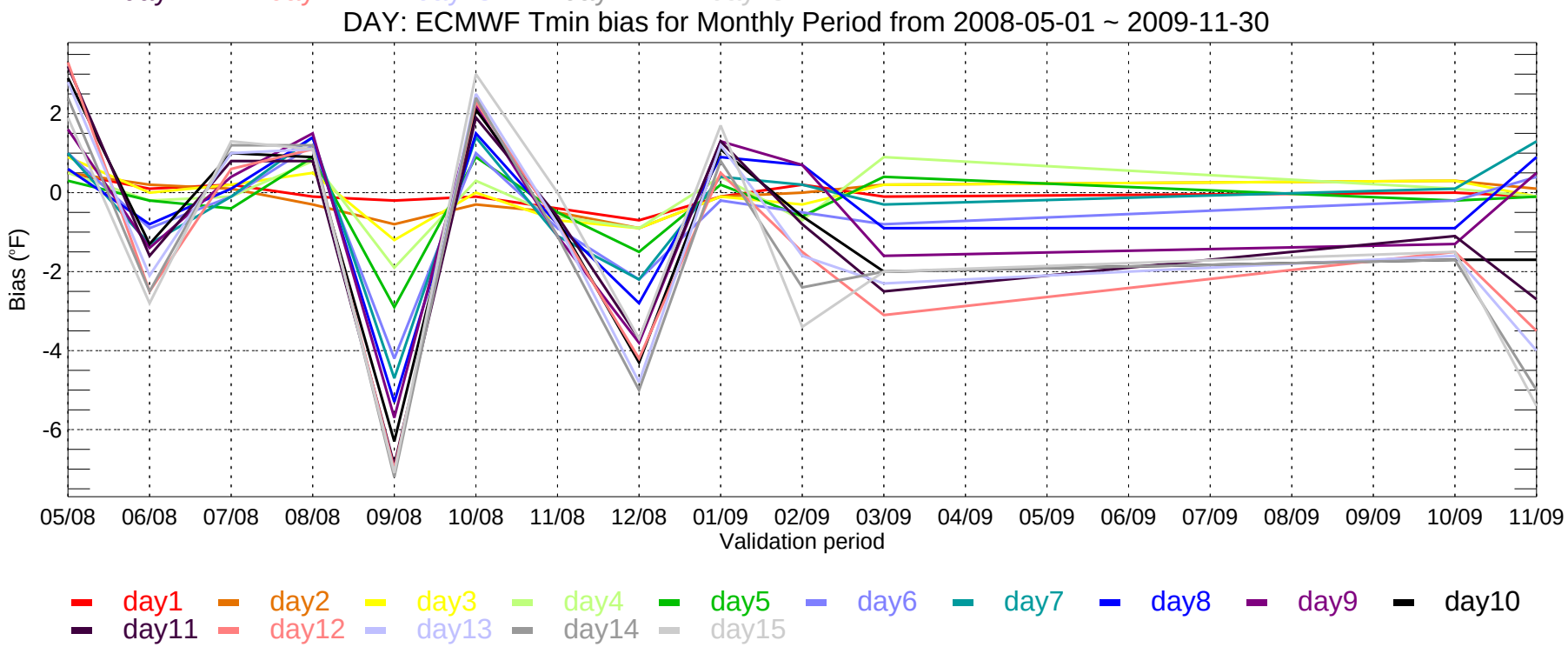
DAY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
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09/09
10/09
11/09
Validation period
day1
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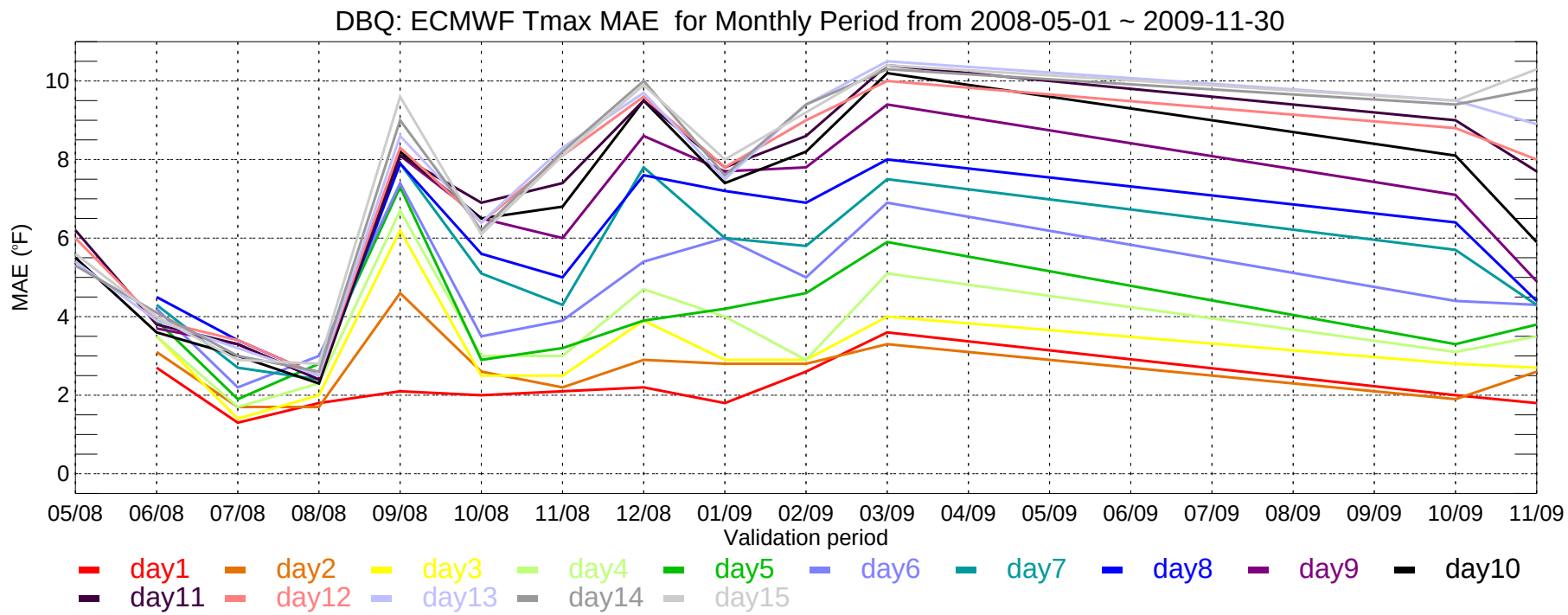
DBQ: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
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8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
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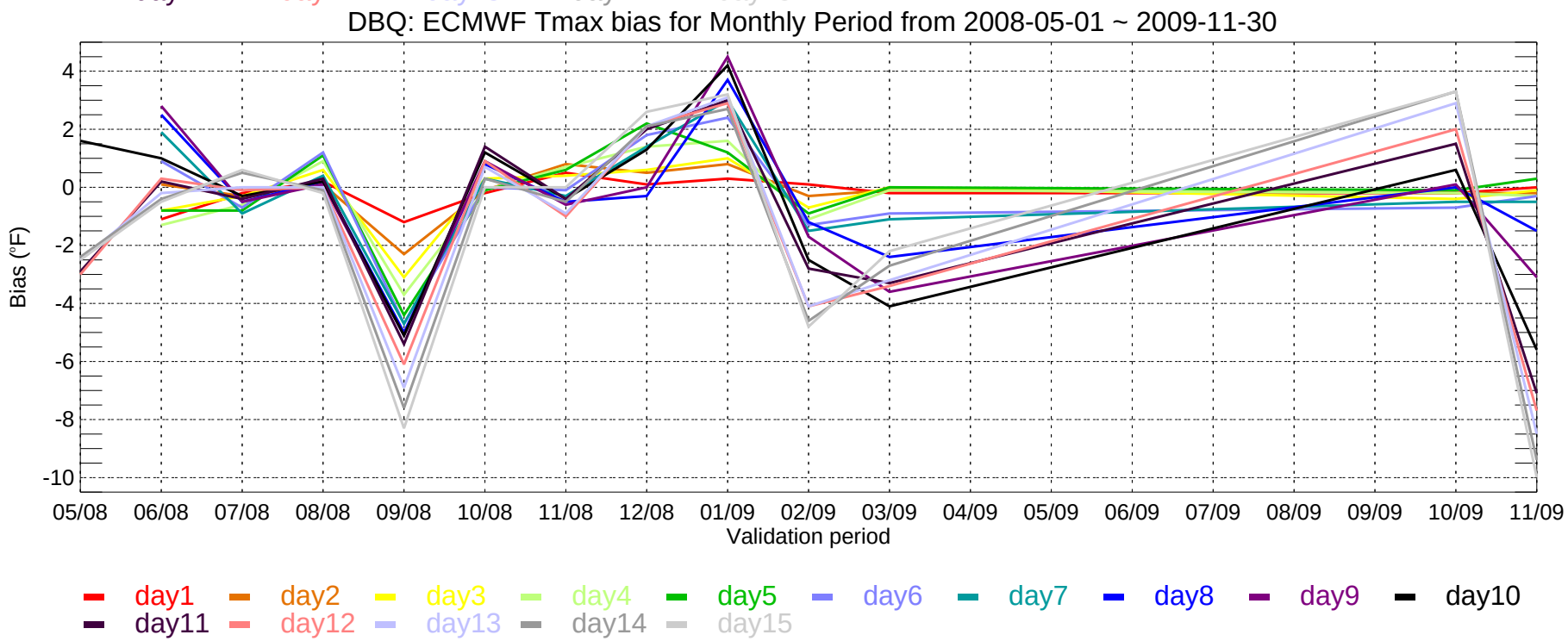
DBQ: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
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-2
-4
-6
-8
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
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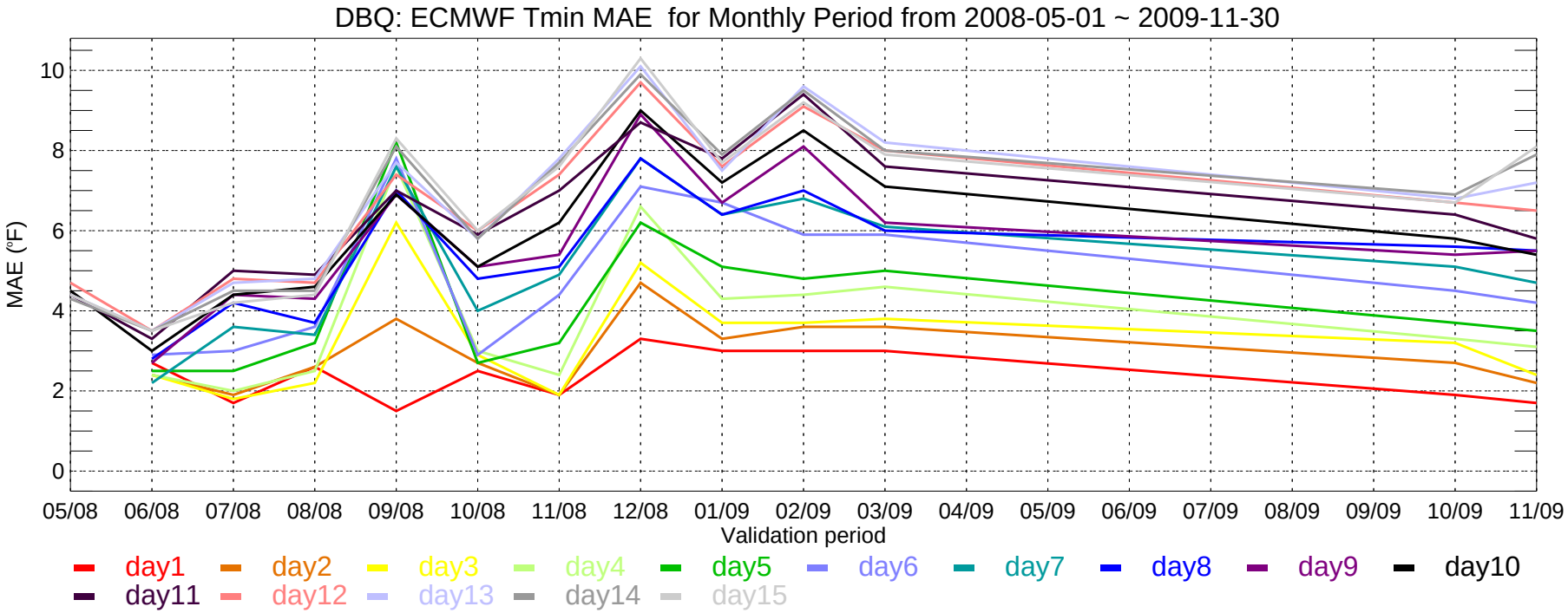
DBQ: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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07/08
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12/08
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10/09
11/09
Validation period
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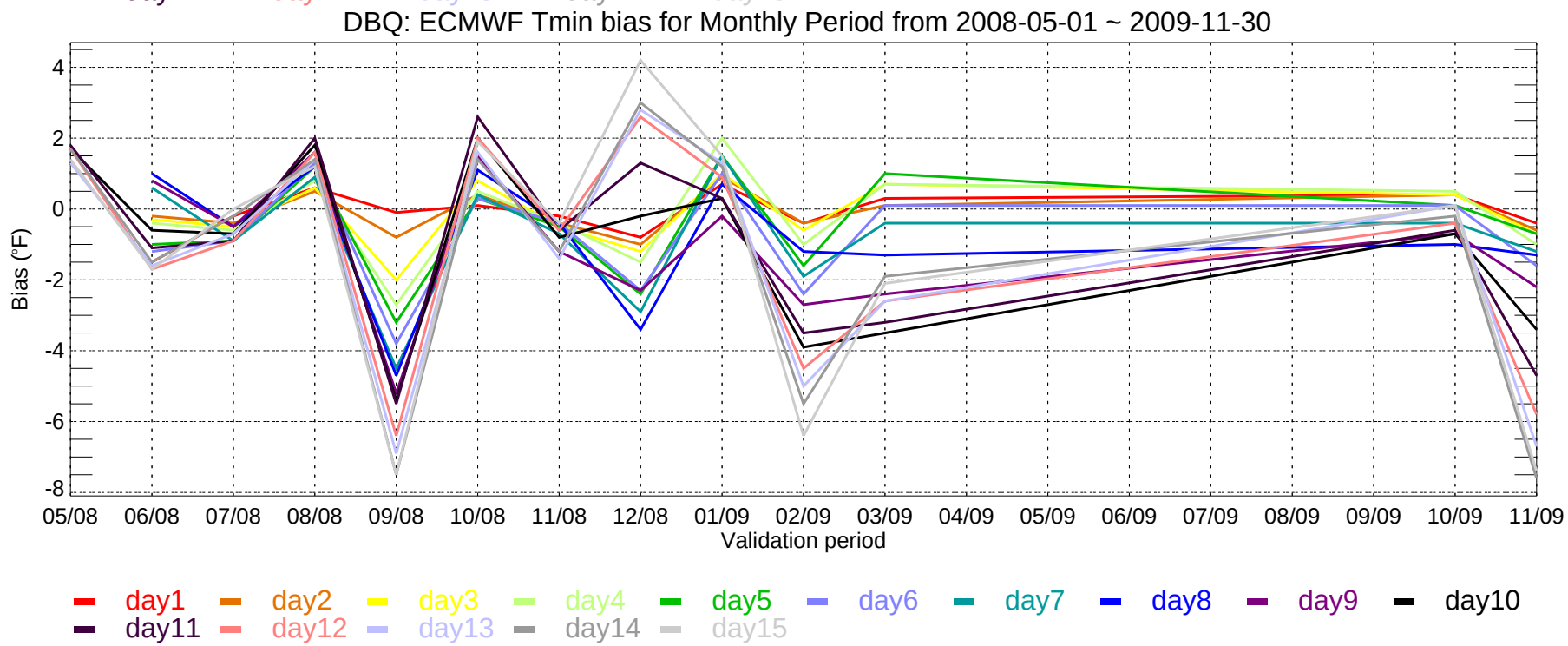
DBQ: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
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-2
-4
-6
-8
05/08
06/08
07/08
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12/08
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11/09
Validation period
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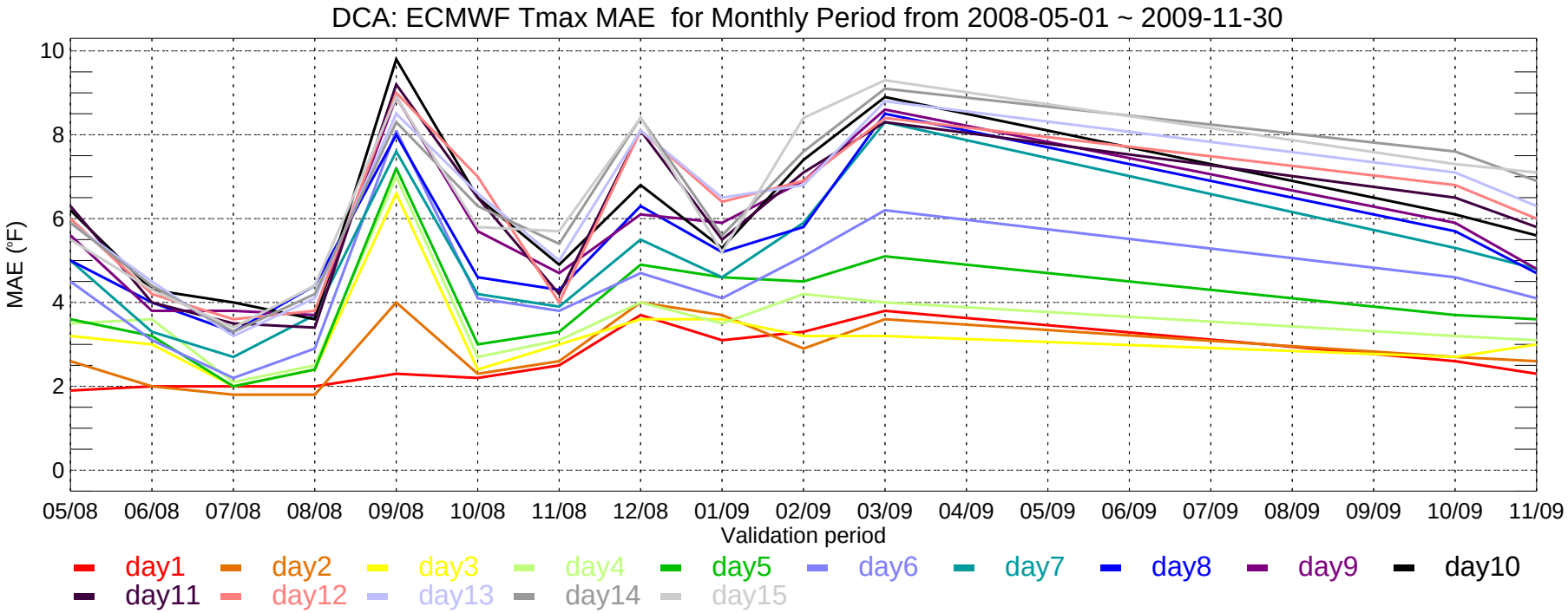
DCA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
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09/09
10/09
11/09
Validation period
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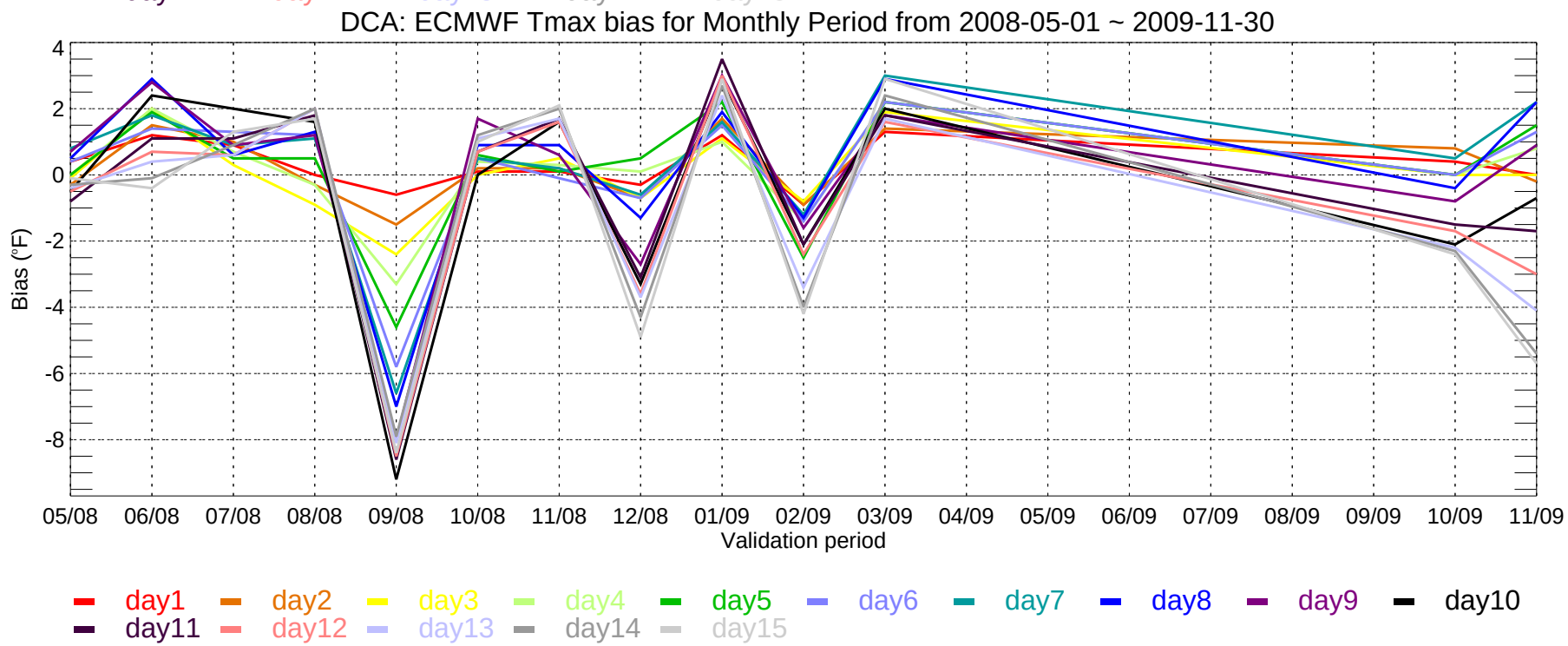
DCA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
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-2
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-6
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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Validation period
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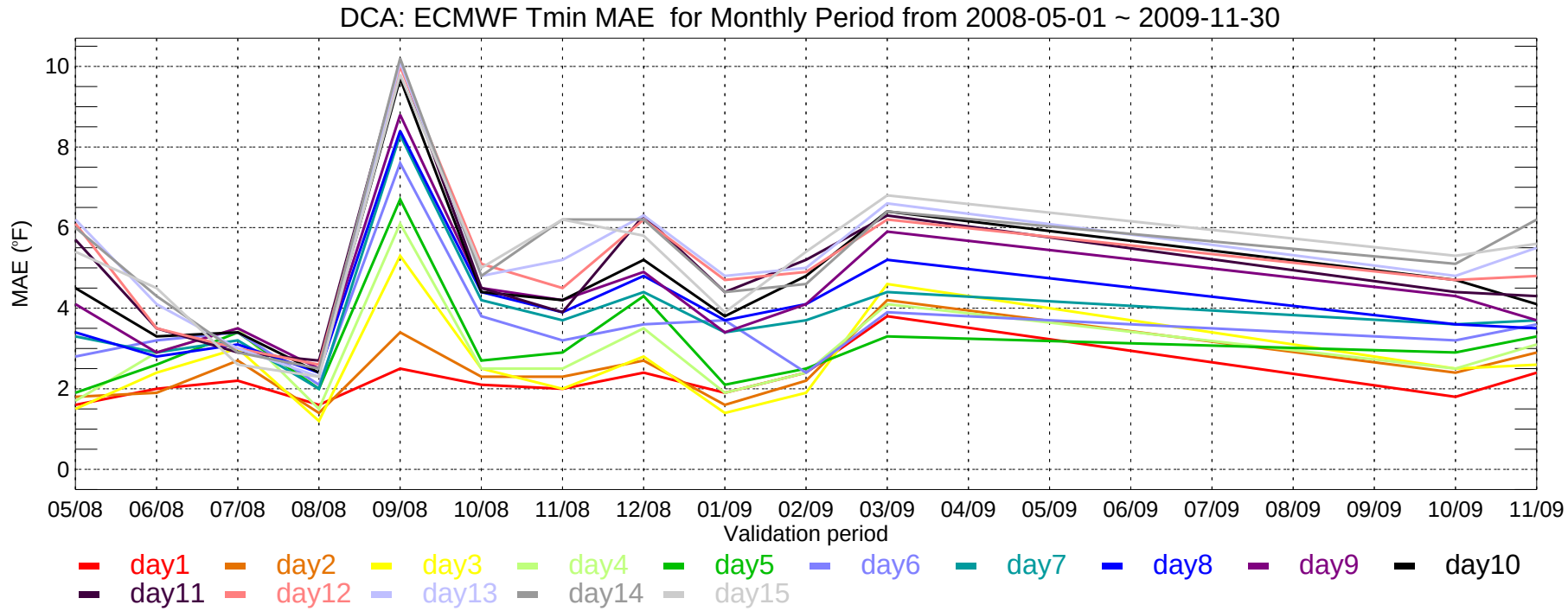
DCA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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Validation period
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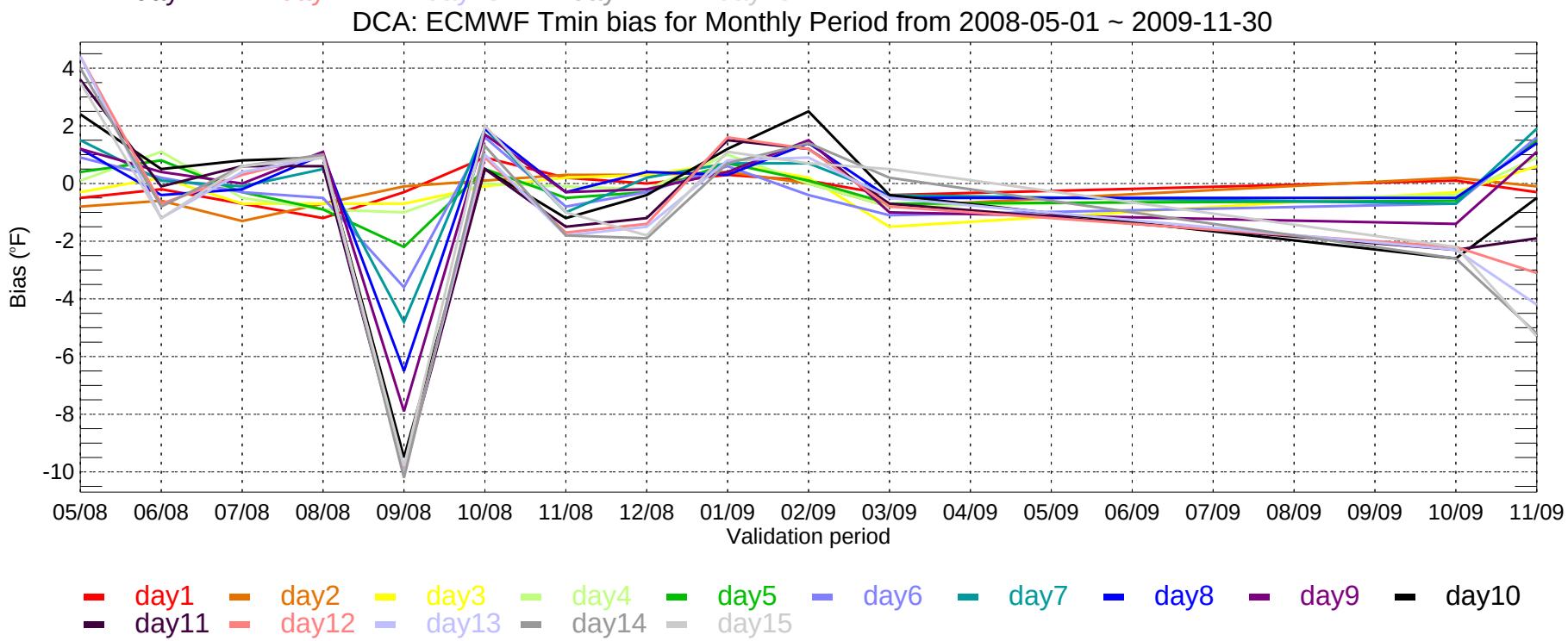
DCA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
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-6
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-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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11/09
Validation period
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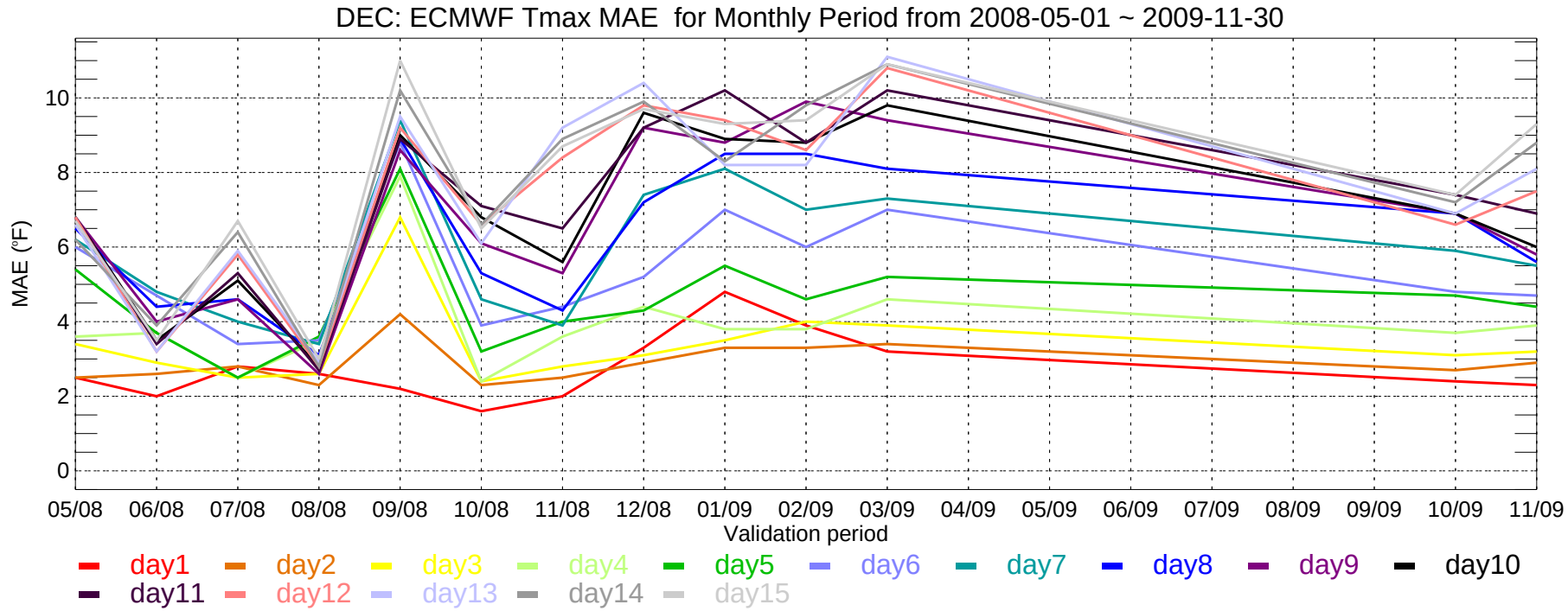
DEC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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07/08
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11/08
12/08
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11/09
Validation period
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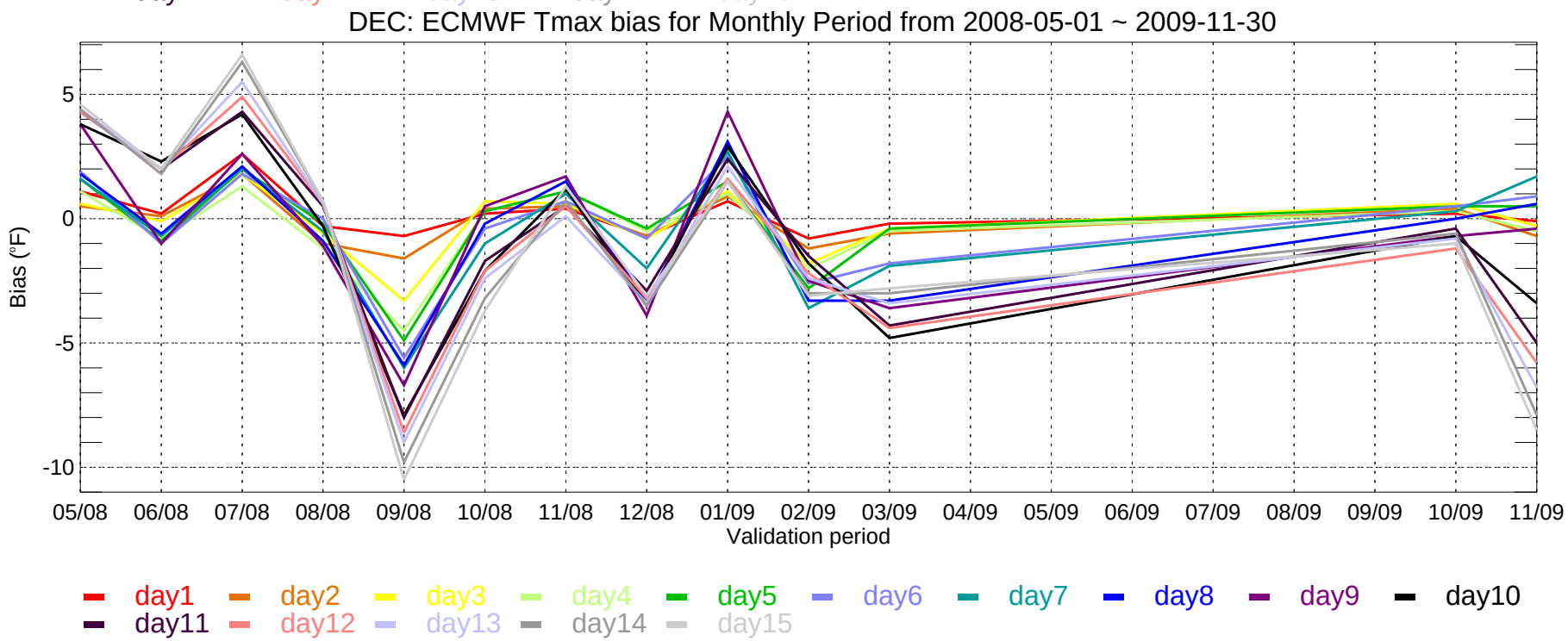
DEC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
5
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-5
-10
05/08
06/08
07/08
08/08
09/08
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12/08
01/09
02/09
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11/09
Validation period
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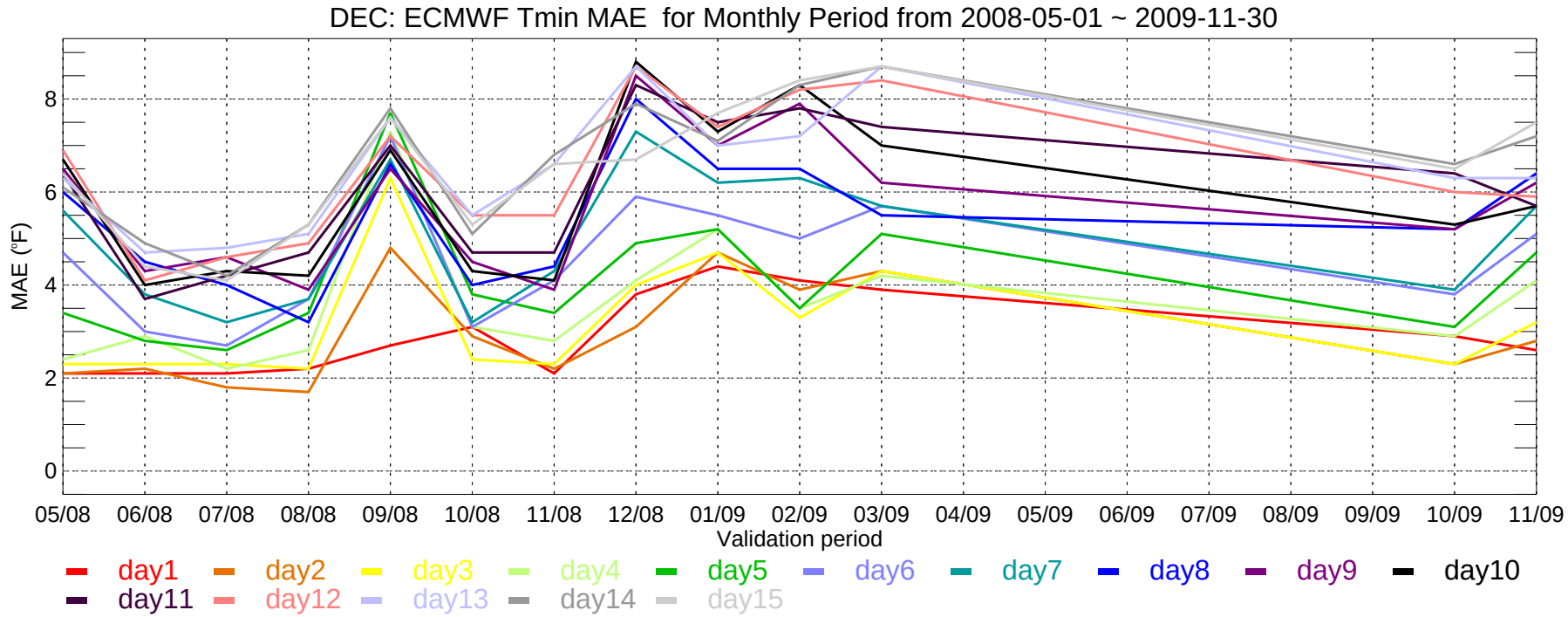
DEC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
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Validation period
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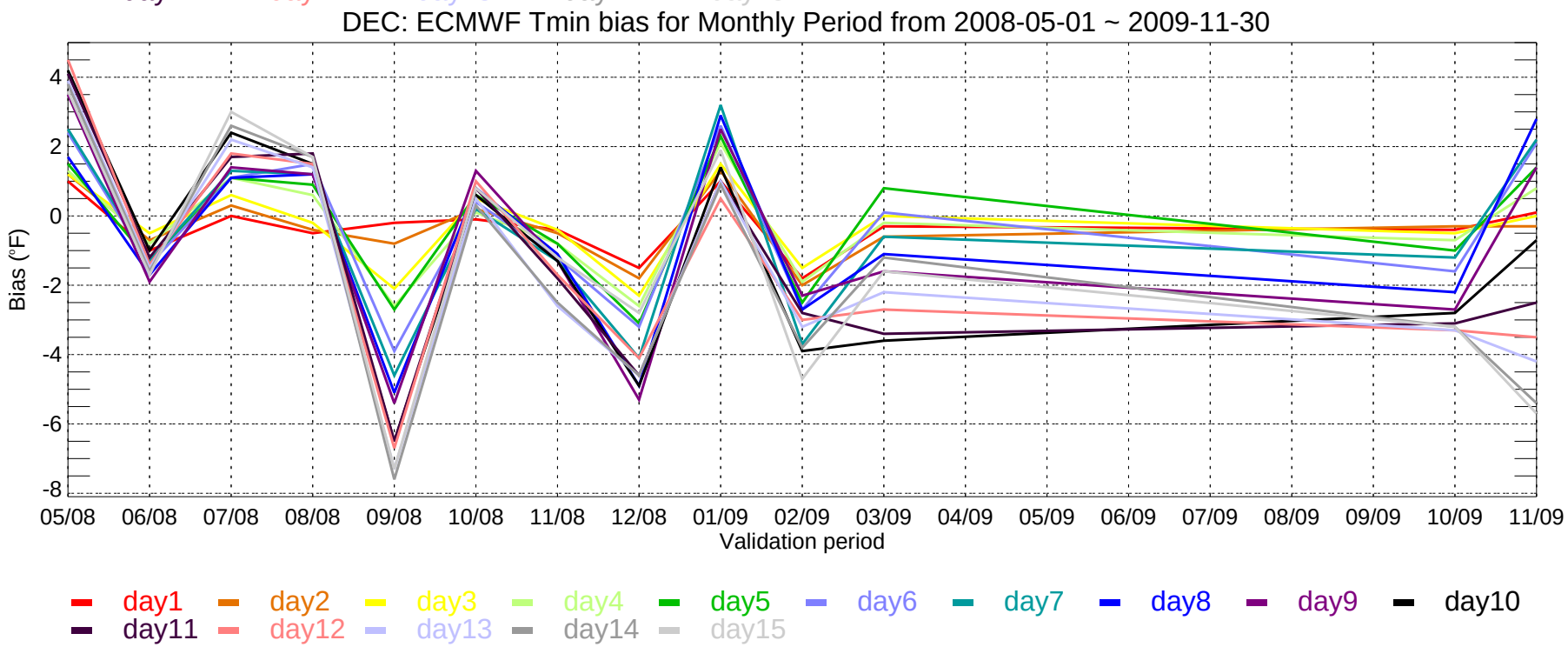
DEC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
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-6
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05/08
06/08
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09/08
10/08
11/08
12/08
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Validation period
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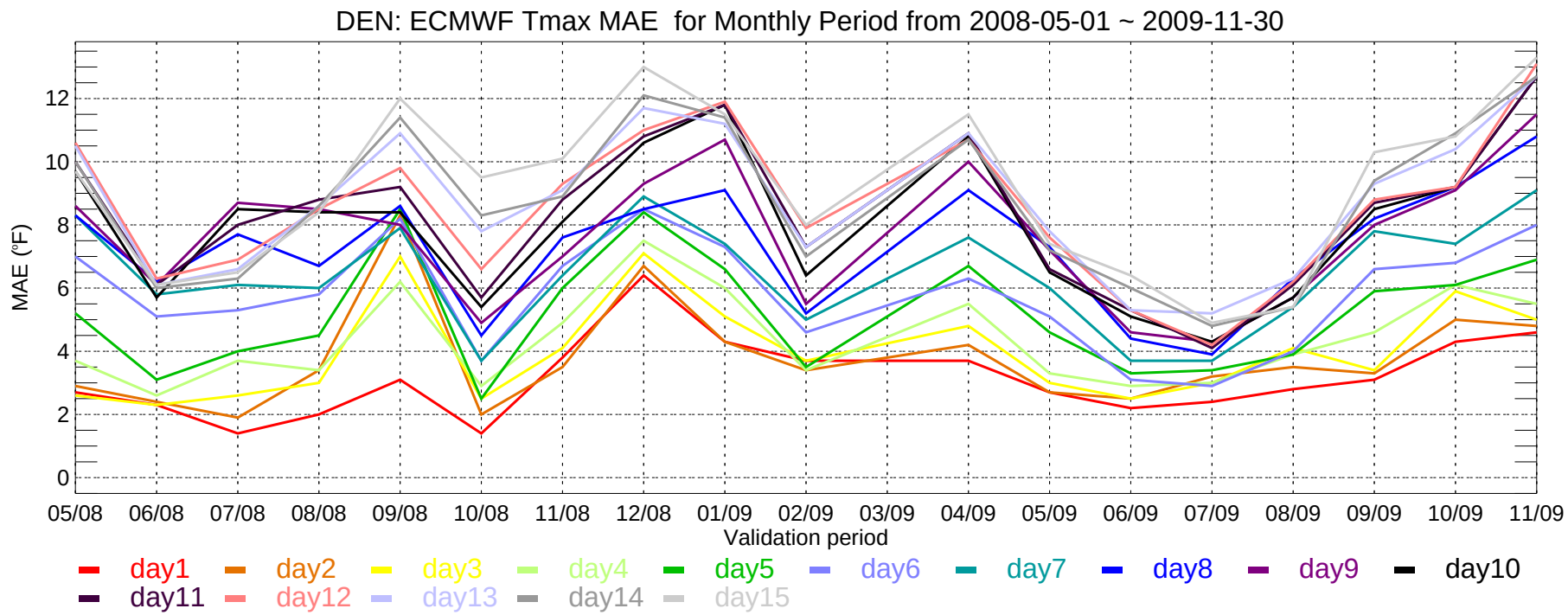
DEN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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10/08
11/08
12/08
01/09
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11/09
Validation period
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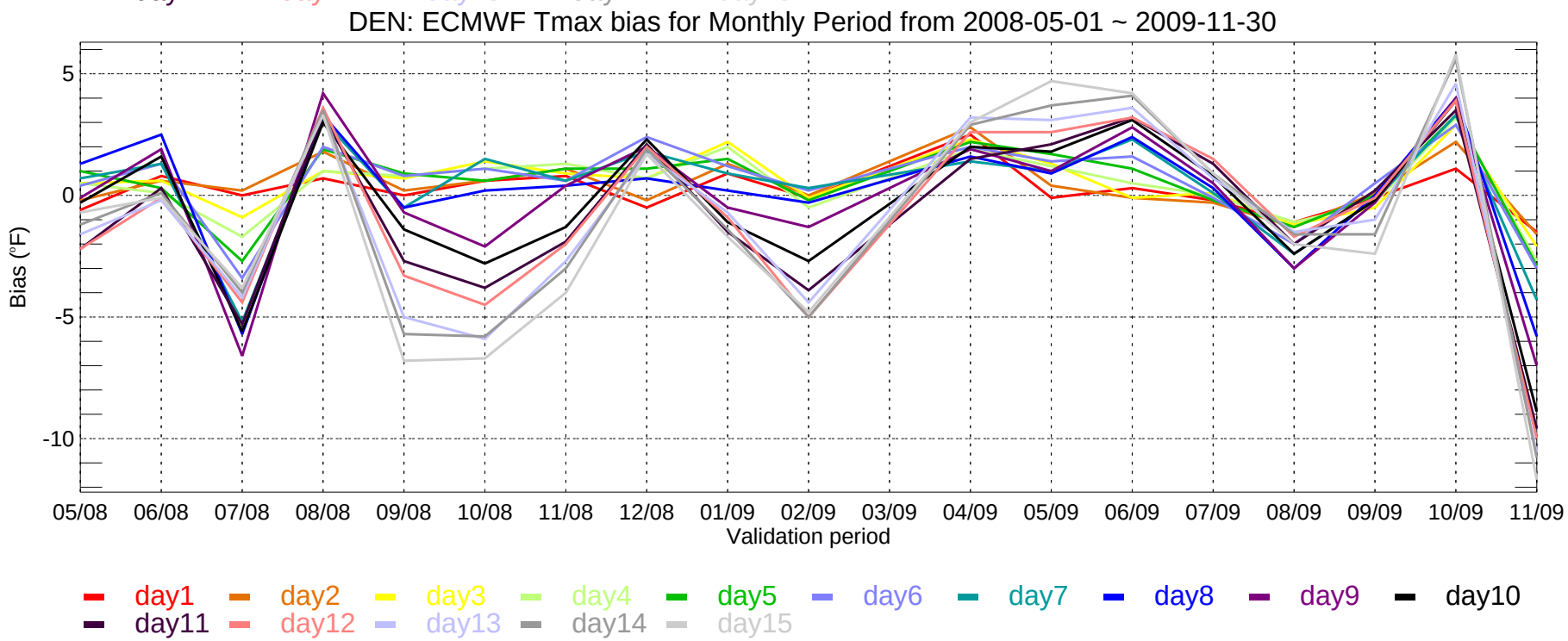
DEN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
5
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07/08
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12/08
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Validation period
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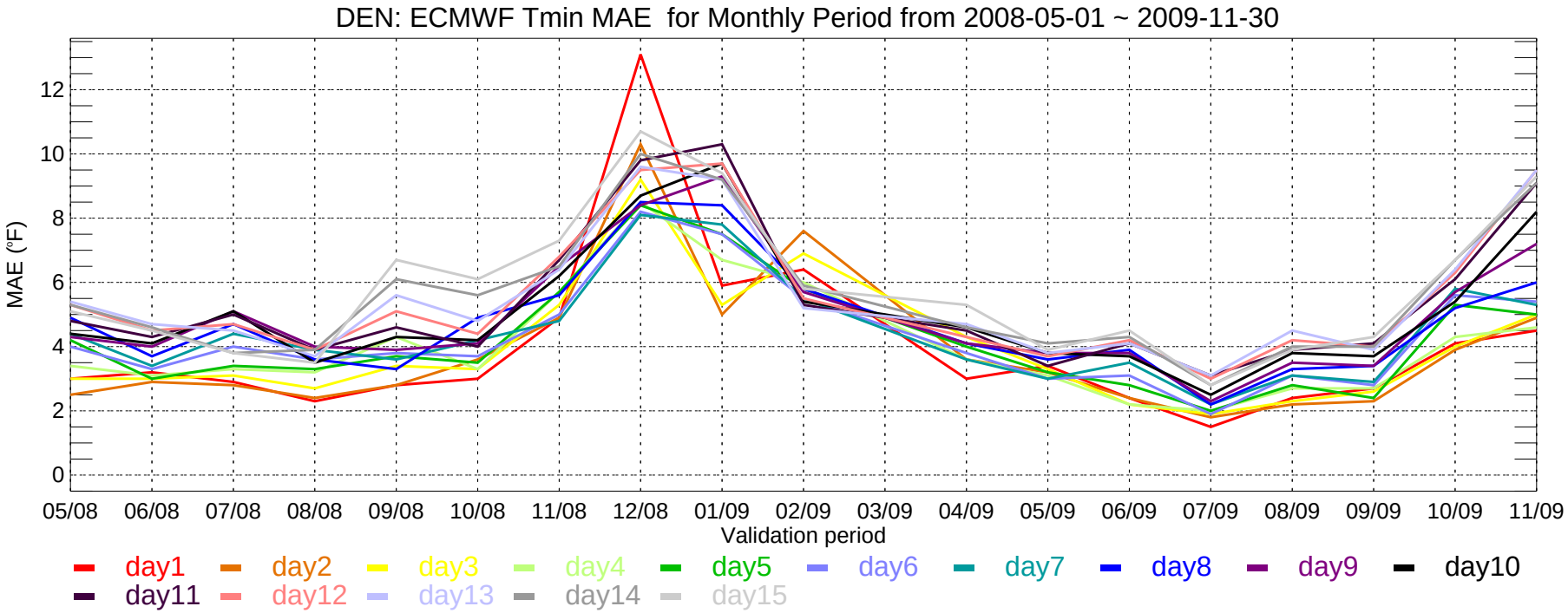
DEN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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Validation period
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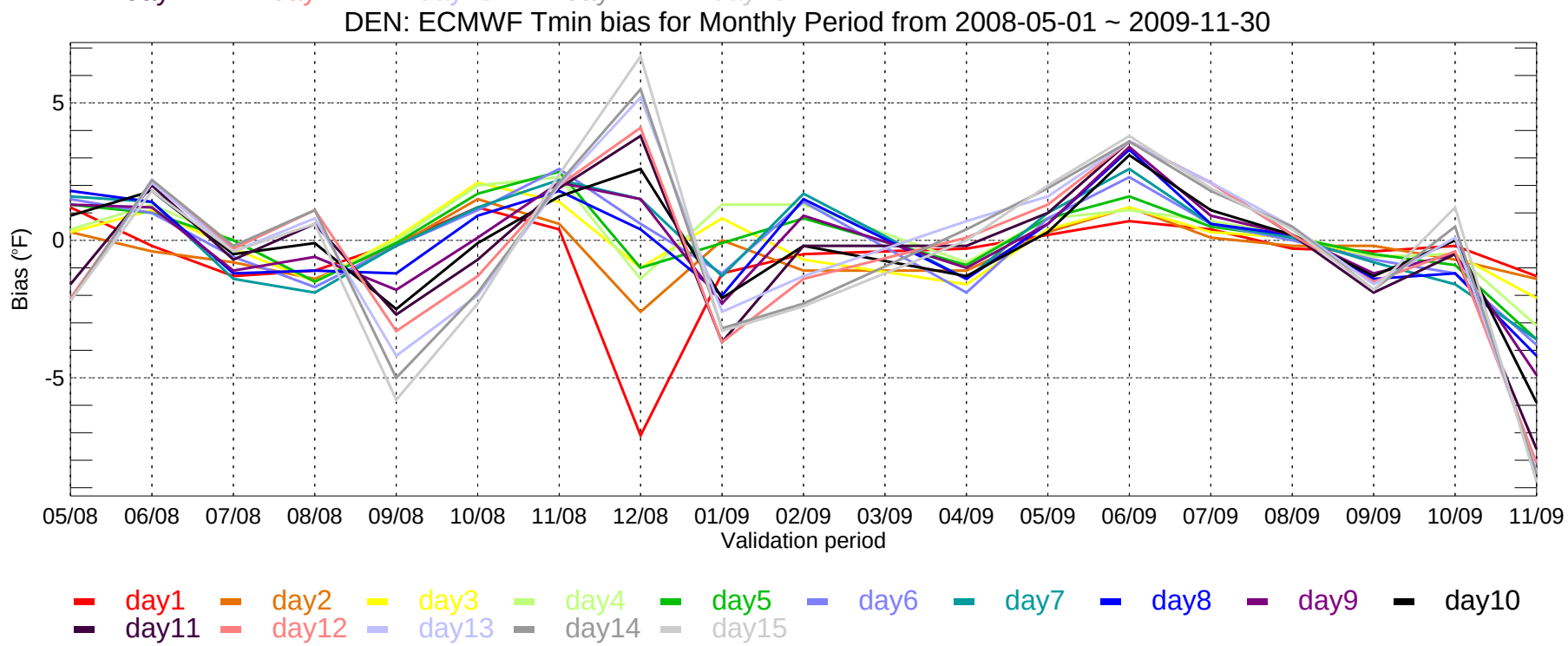
DEN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
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Validation period
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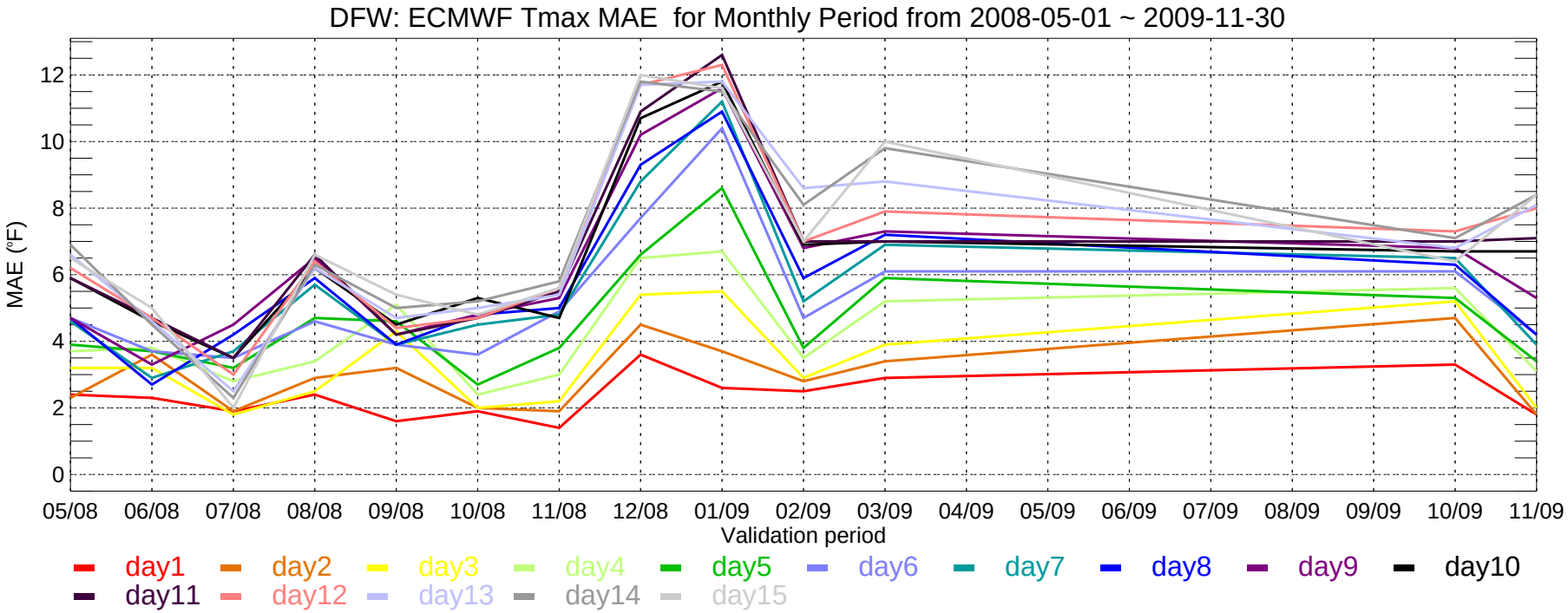
DFW: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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Validation period
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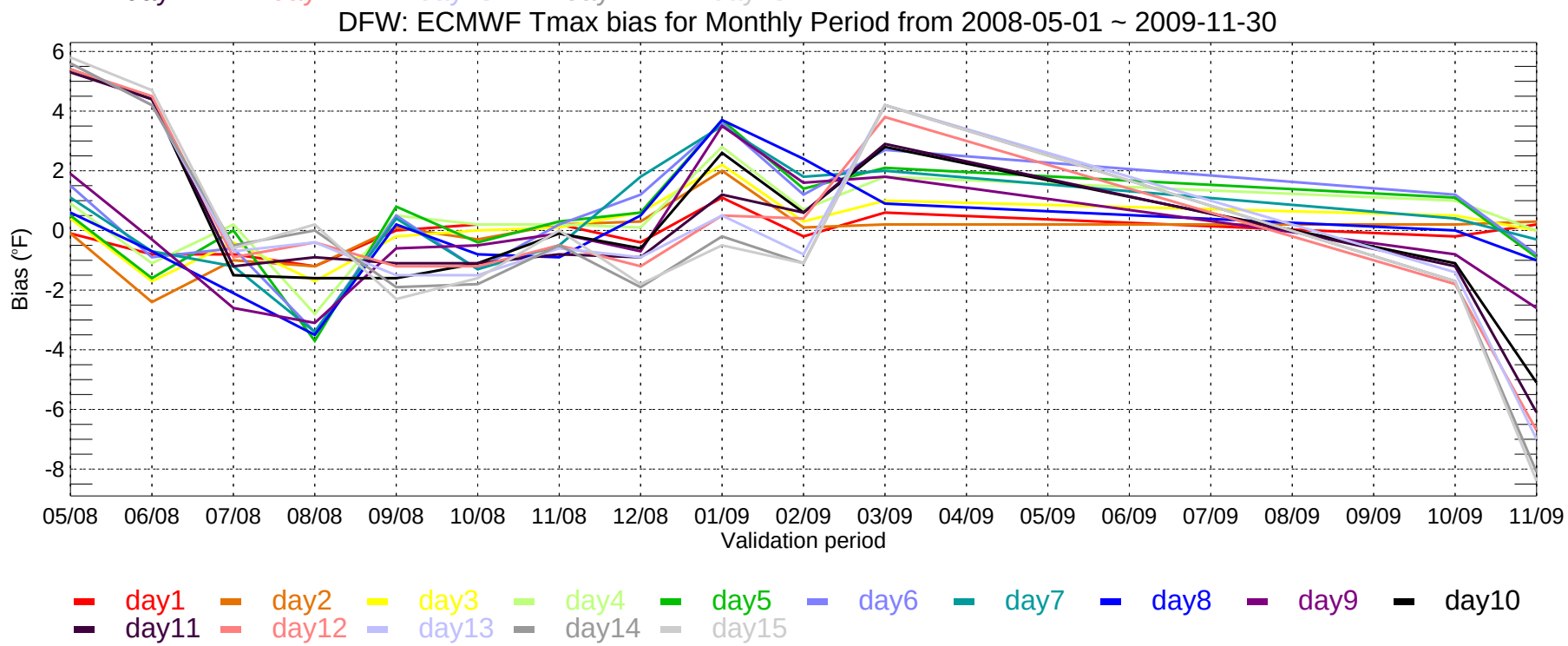
DFW: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
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05/08
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09/08
10/08
11/08
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Validation period
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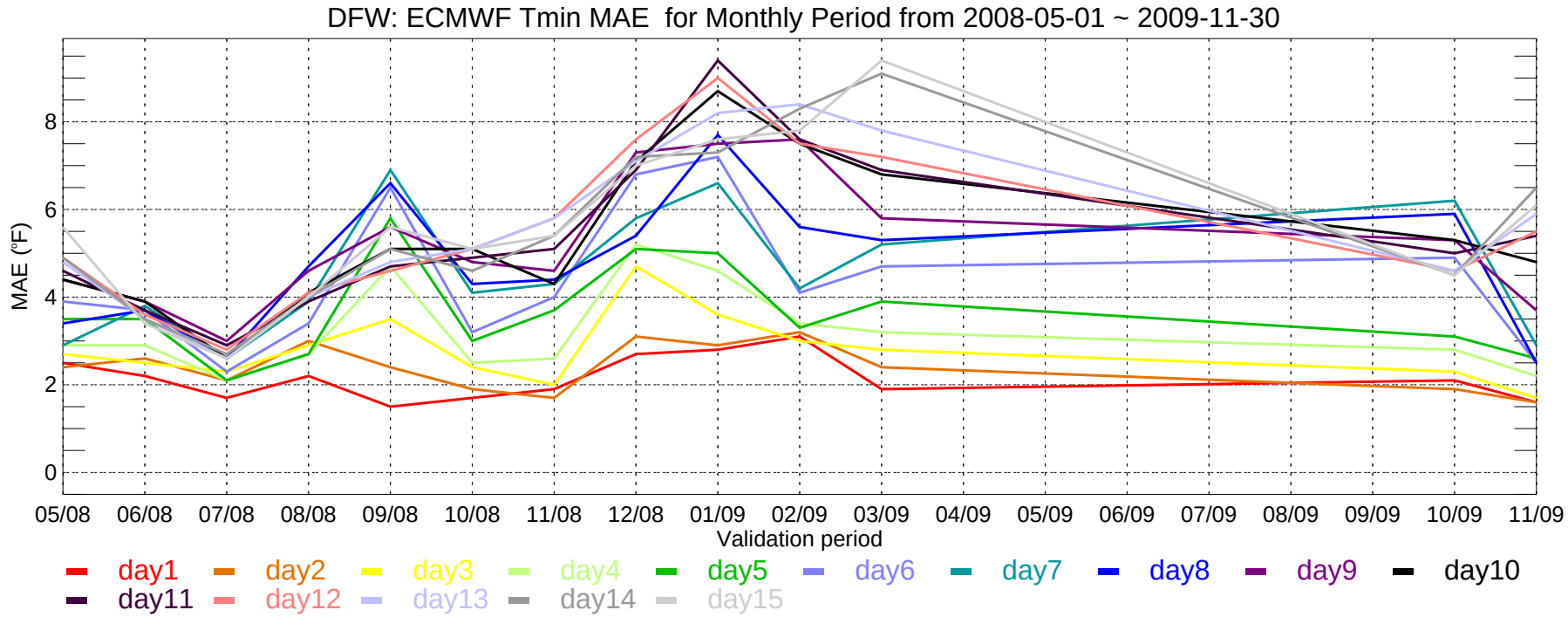
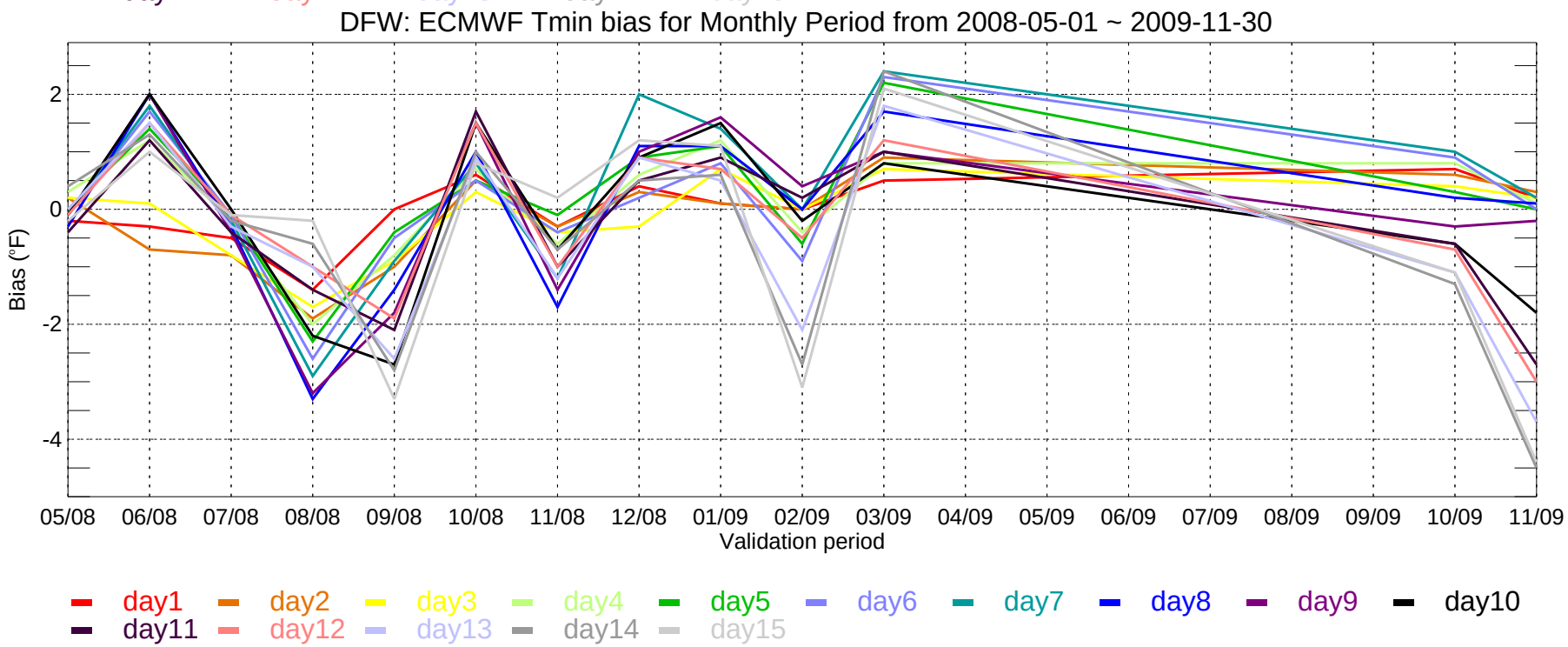
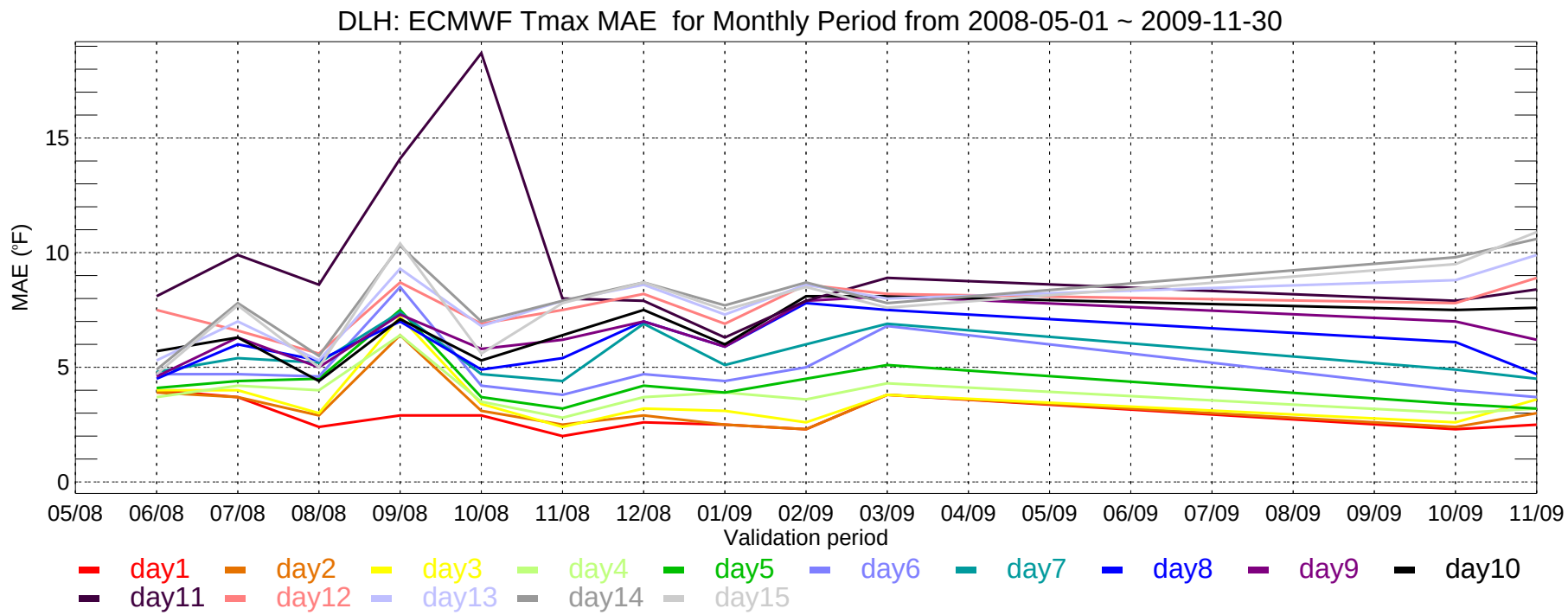
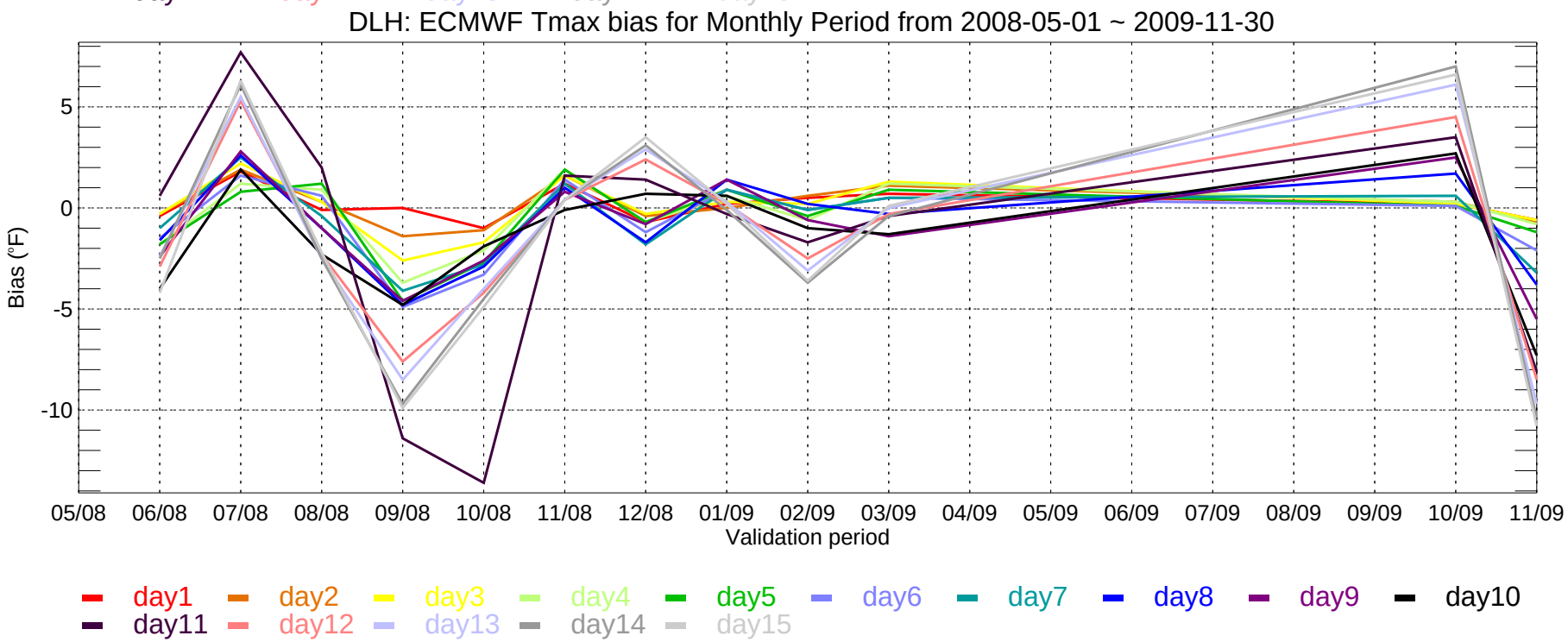
day15


DFW: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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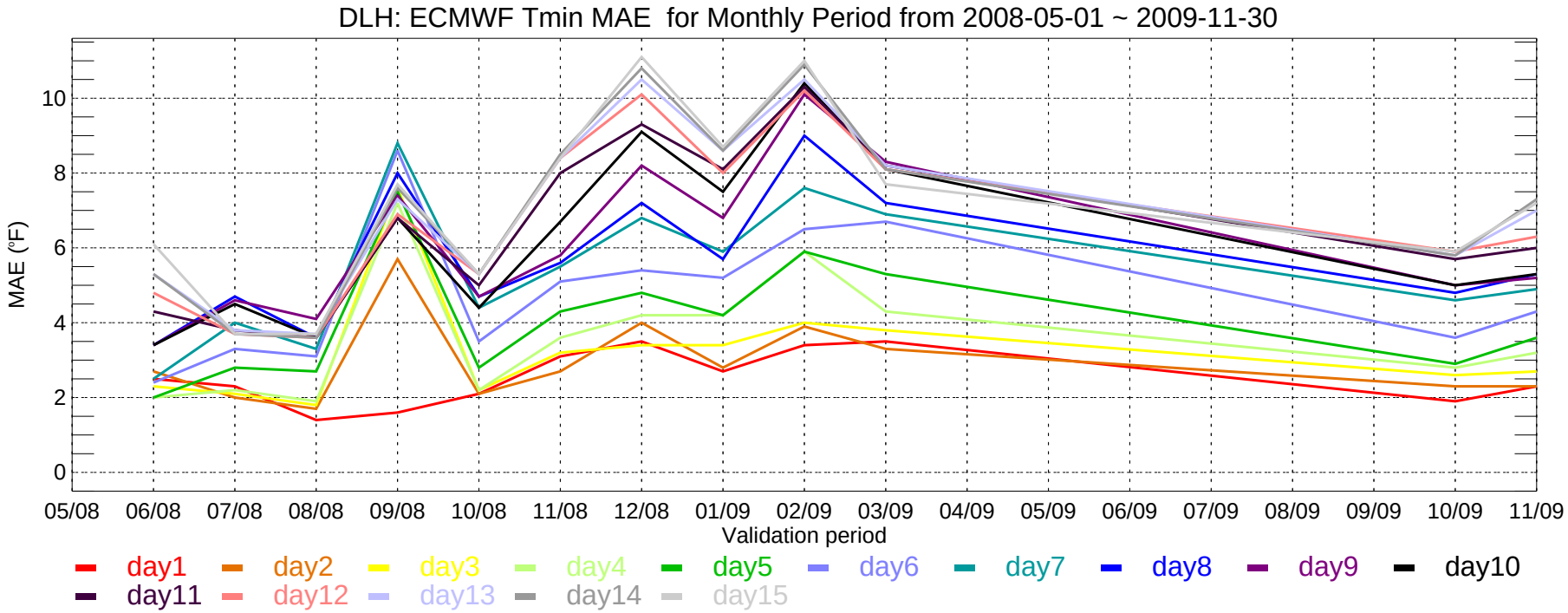
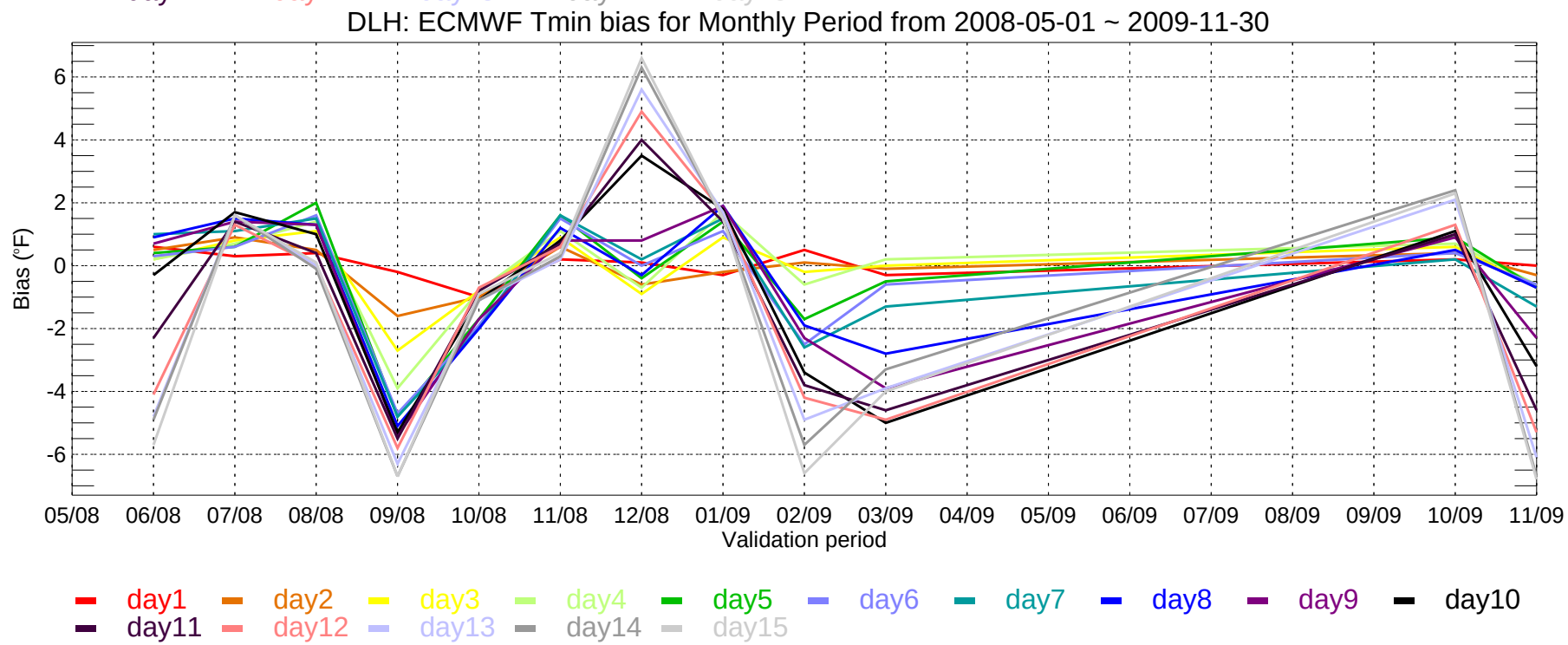
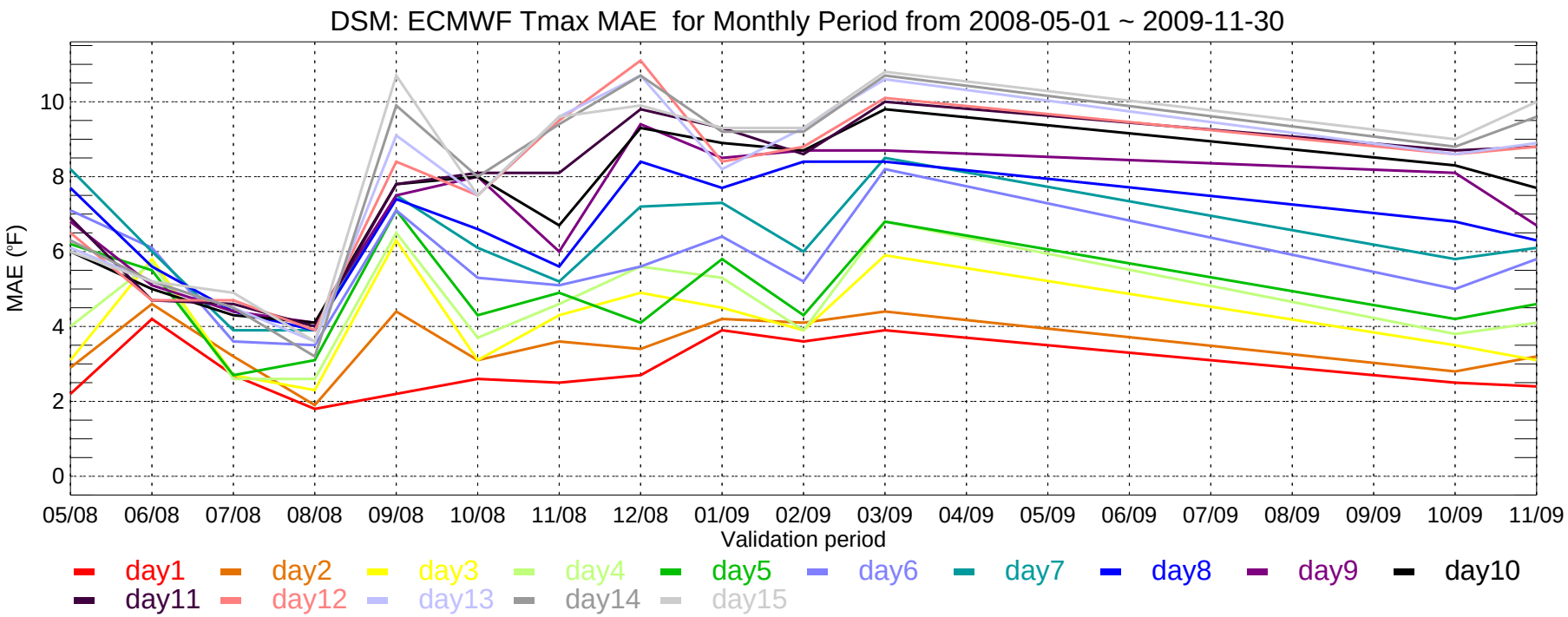
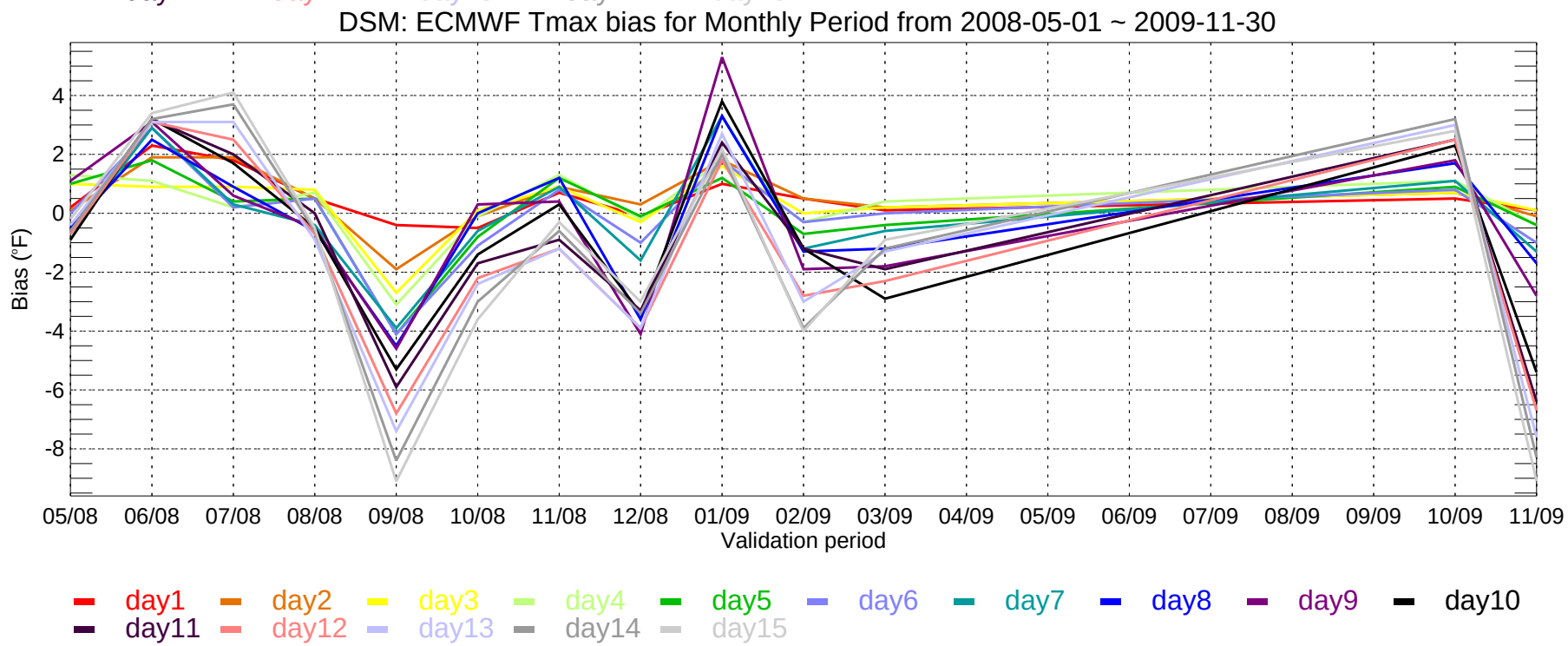
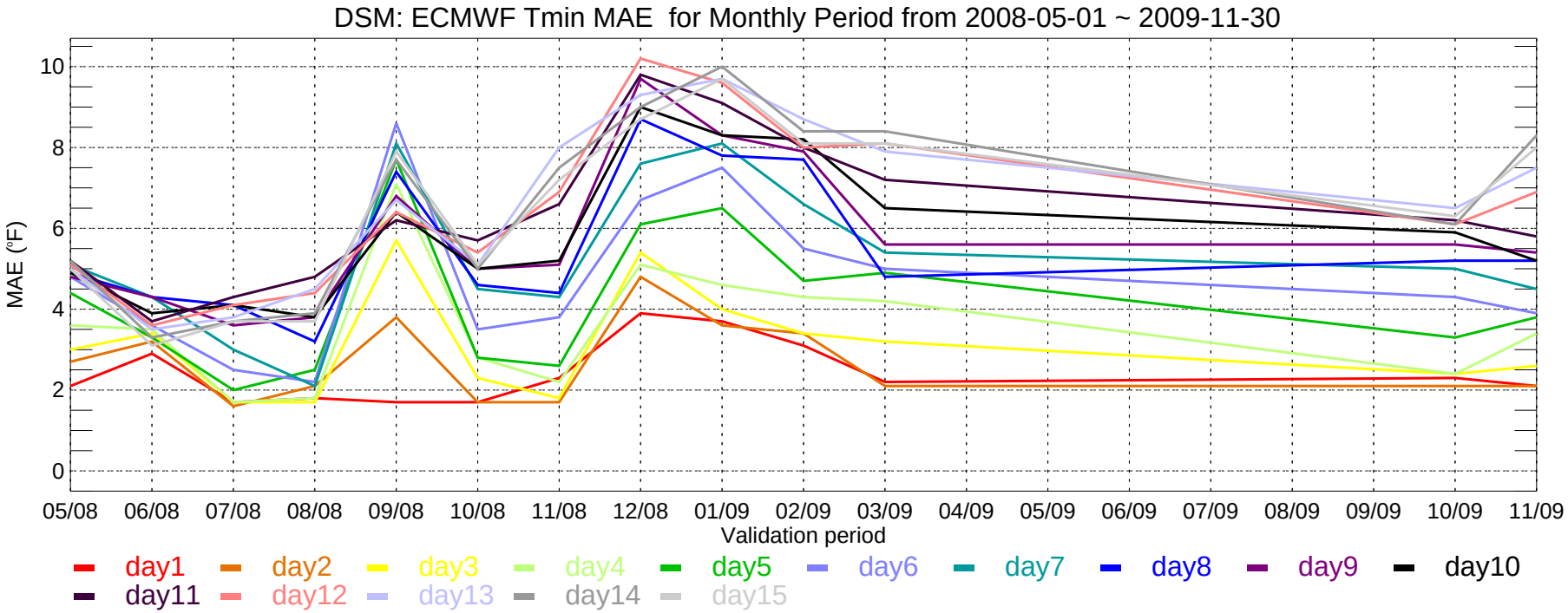
day10
day11
day12
day13
day14
day15

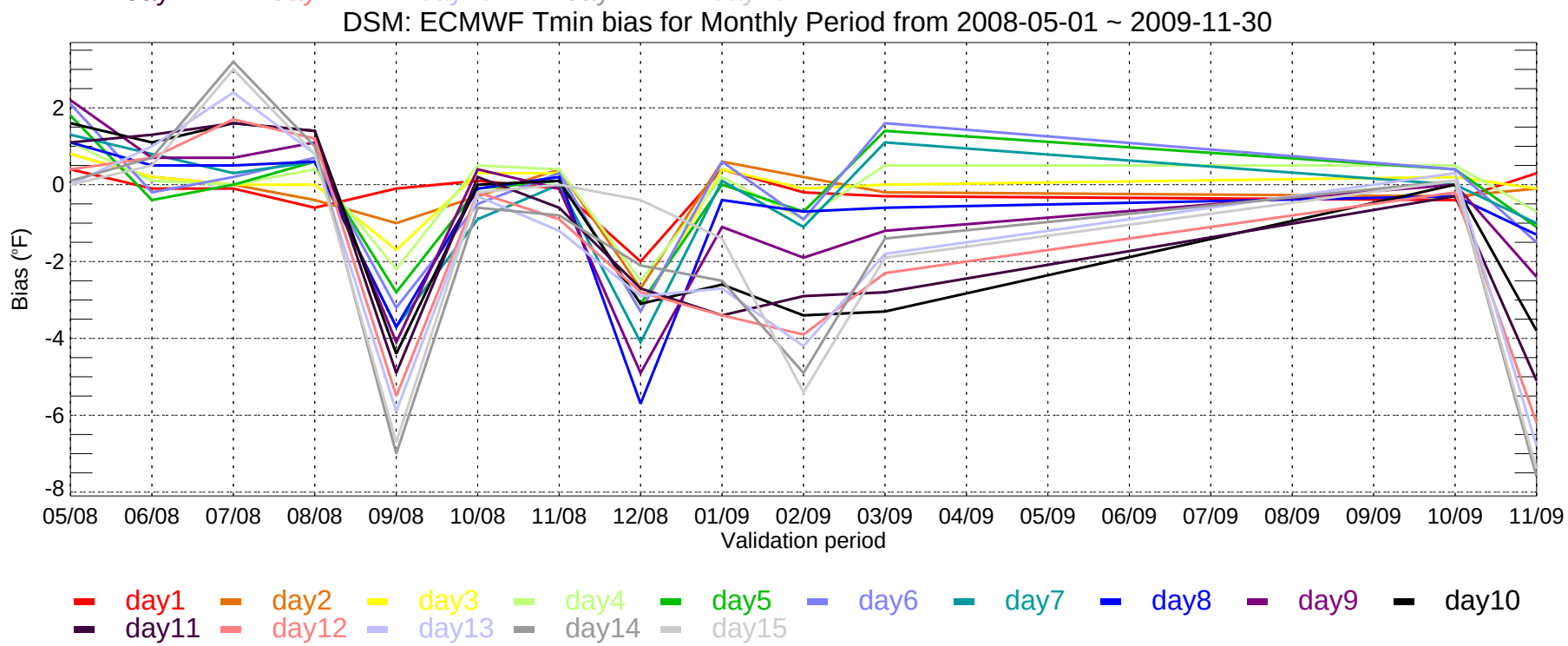

DLH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

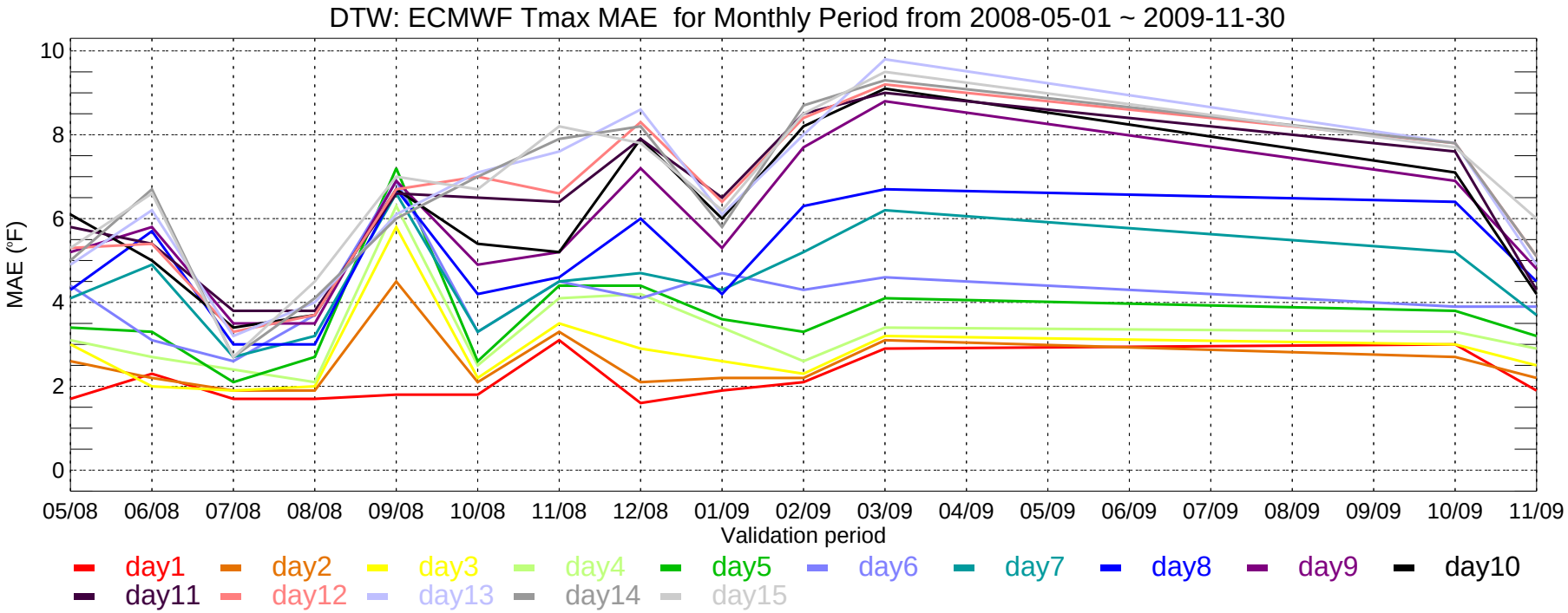

DLH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

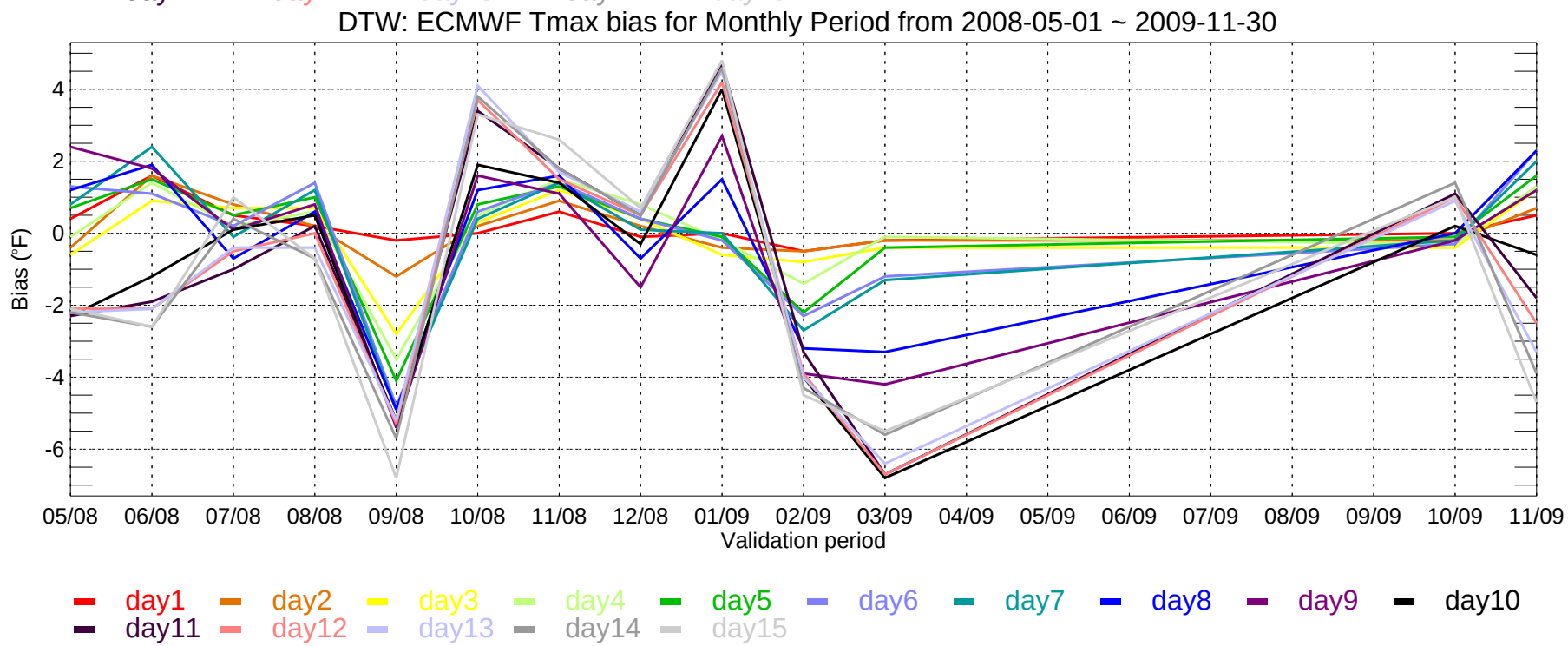

DSM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

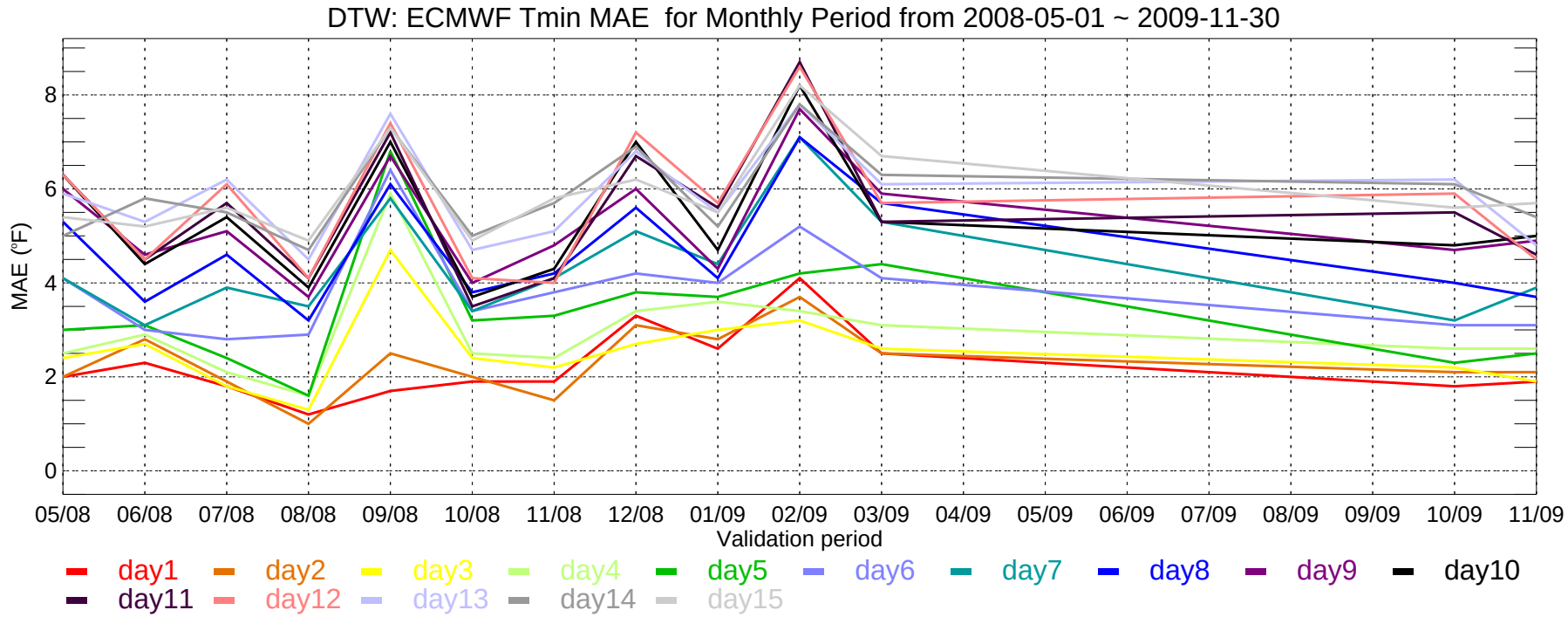

DSM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

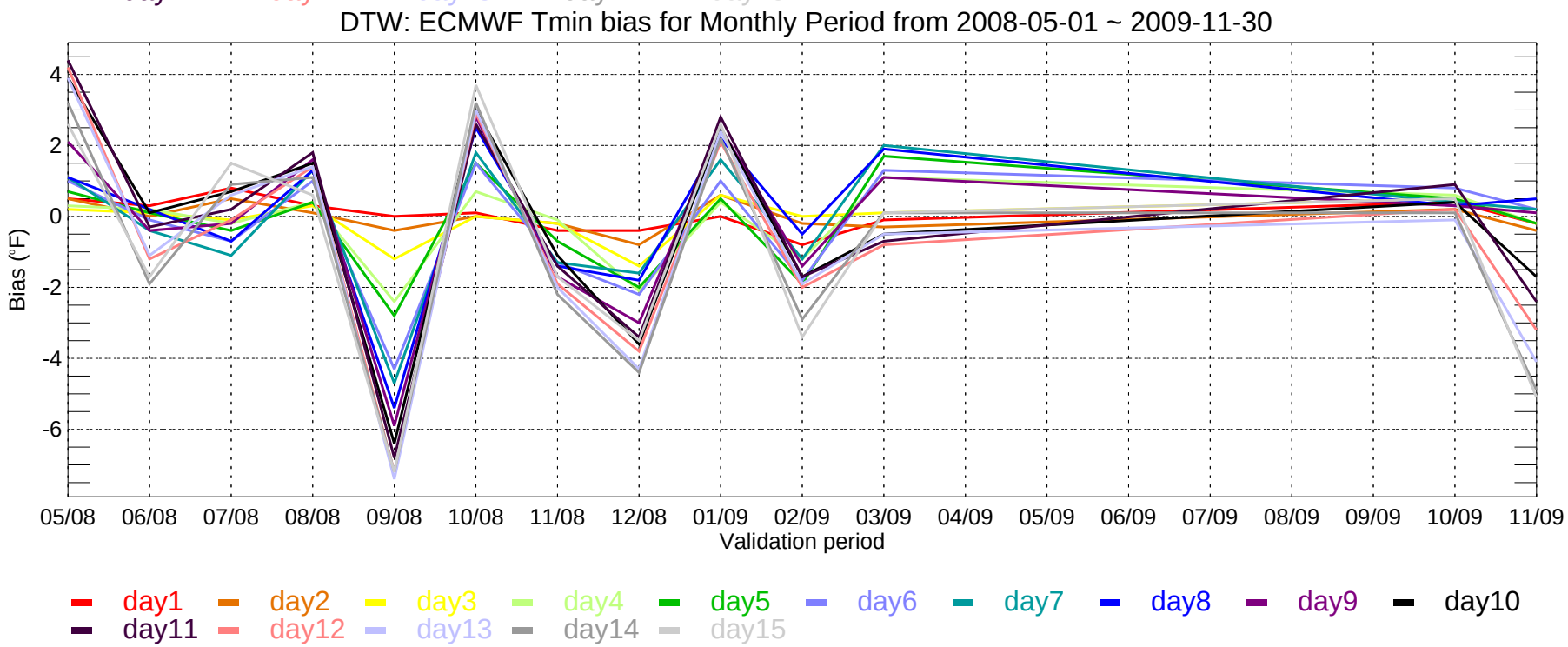

DSM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

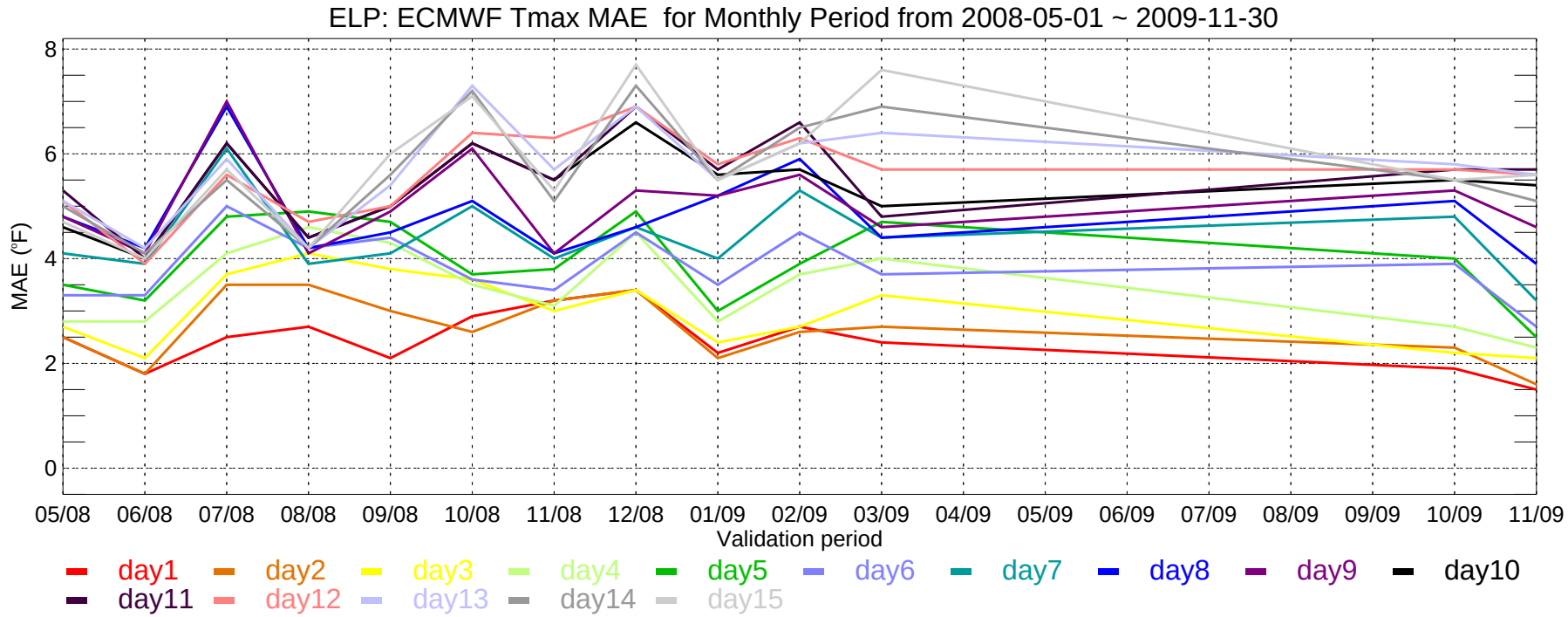

DSM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

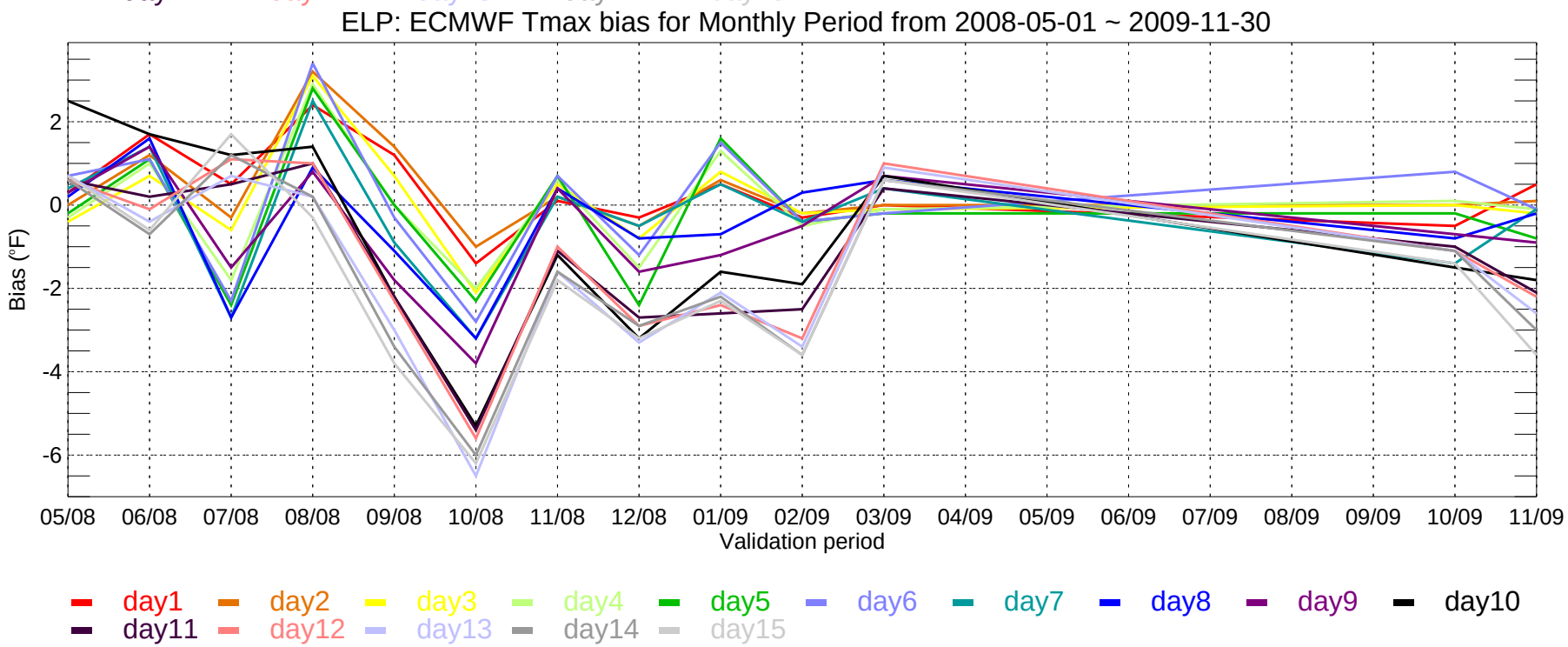

DTW: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

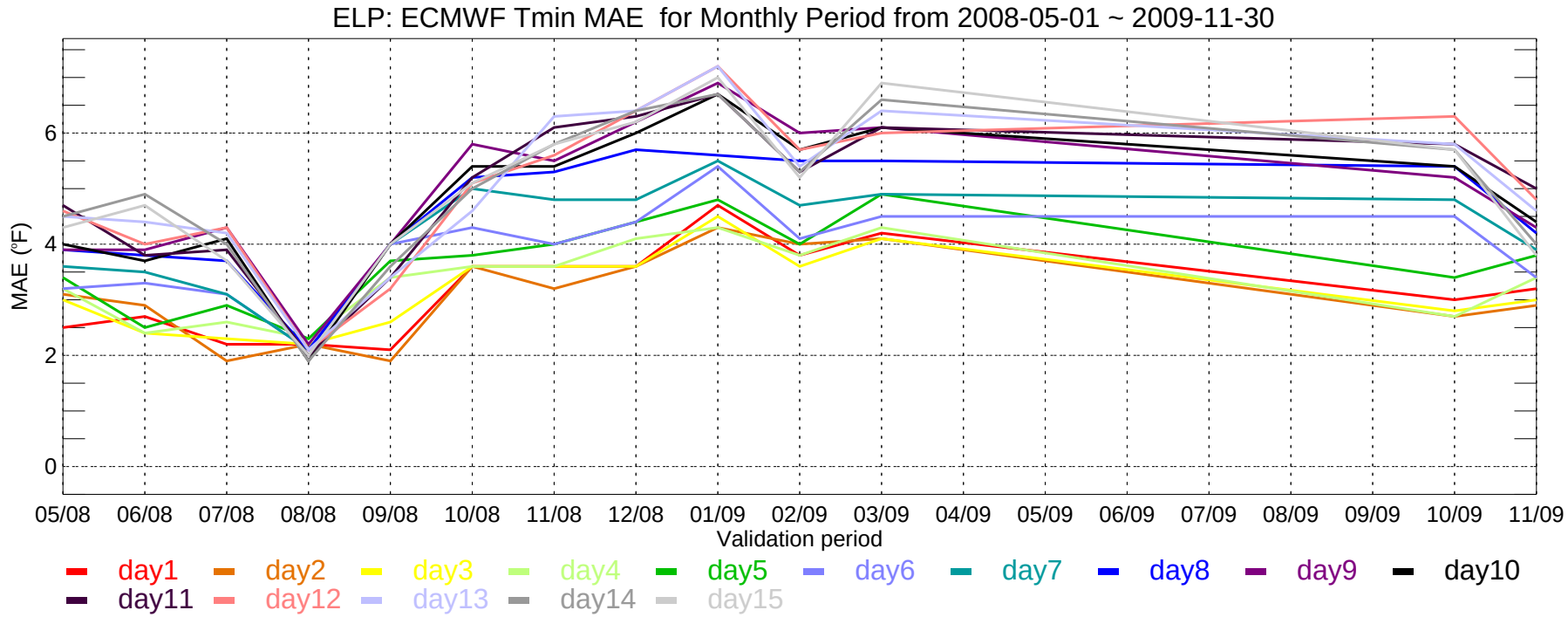

DTW: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

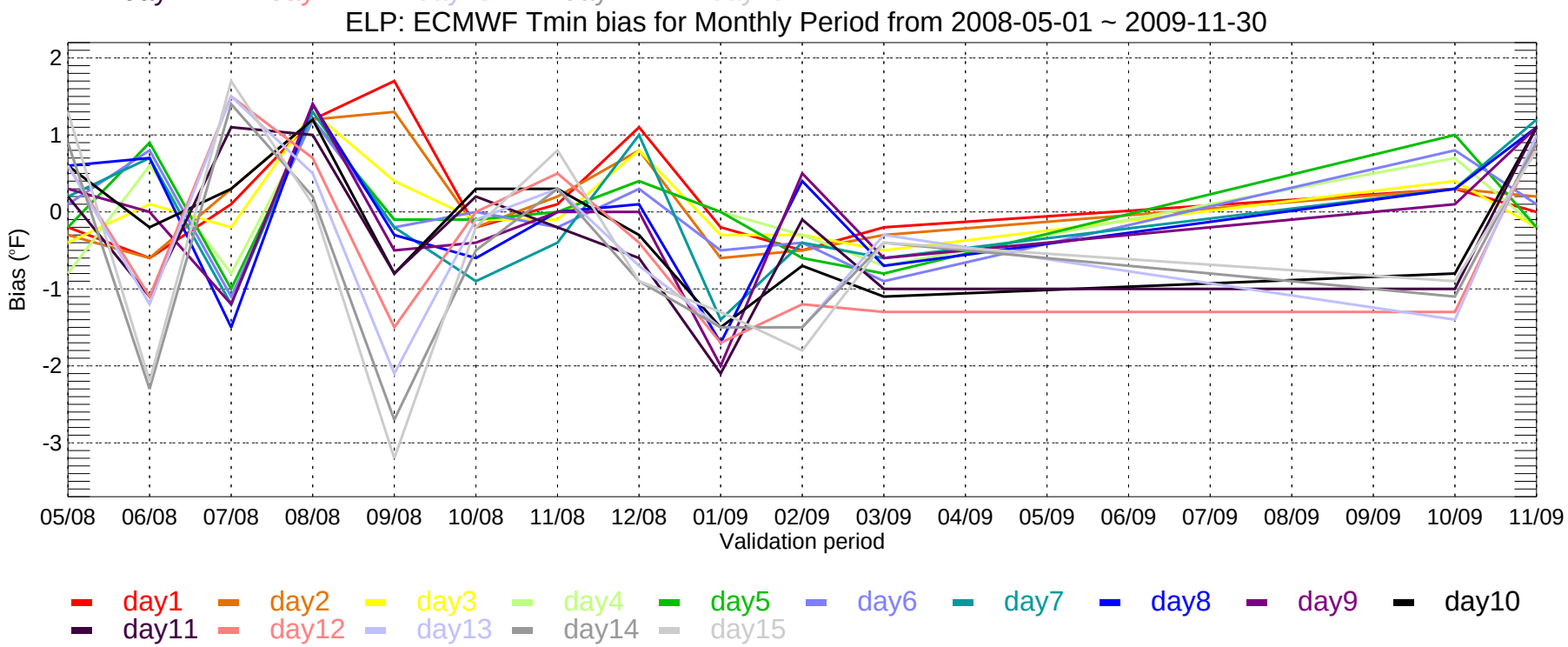

DTW: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

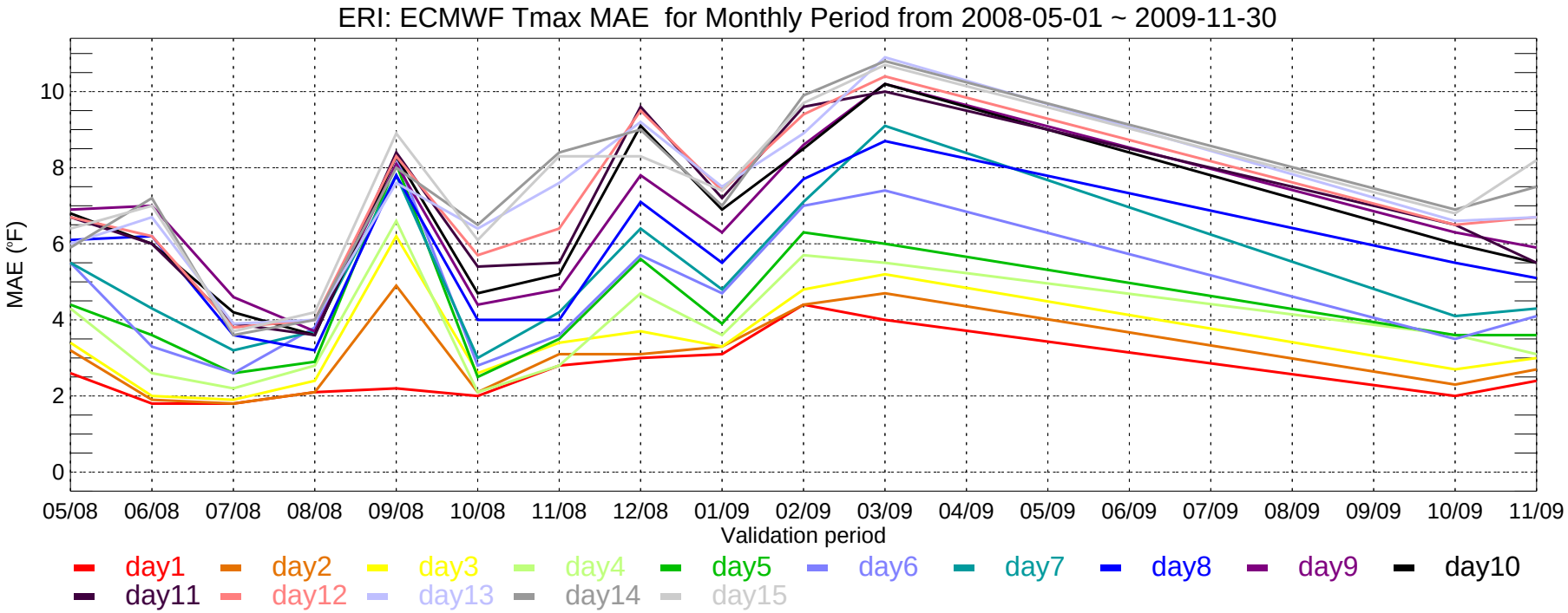

DTW: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


ELP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
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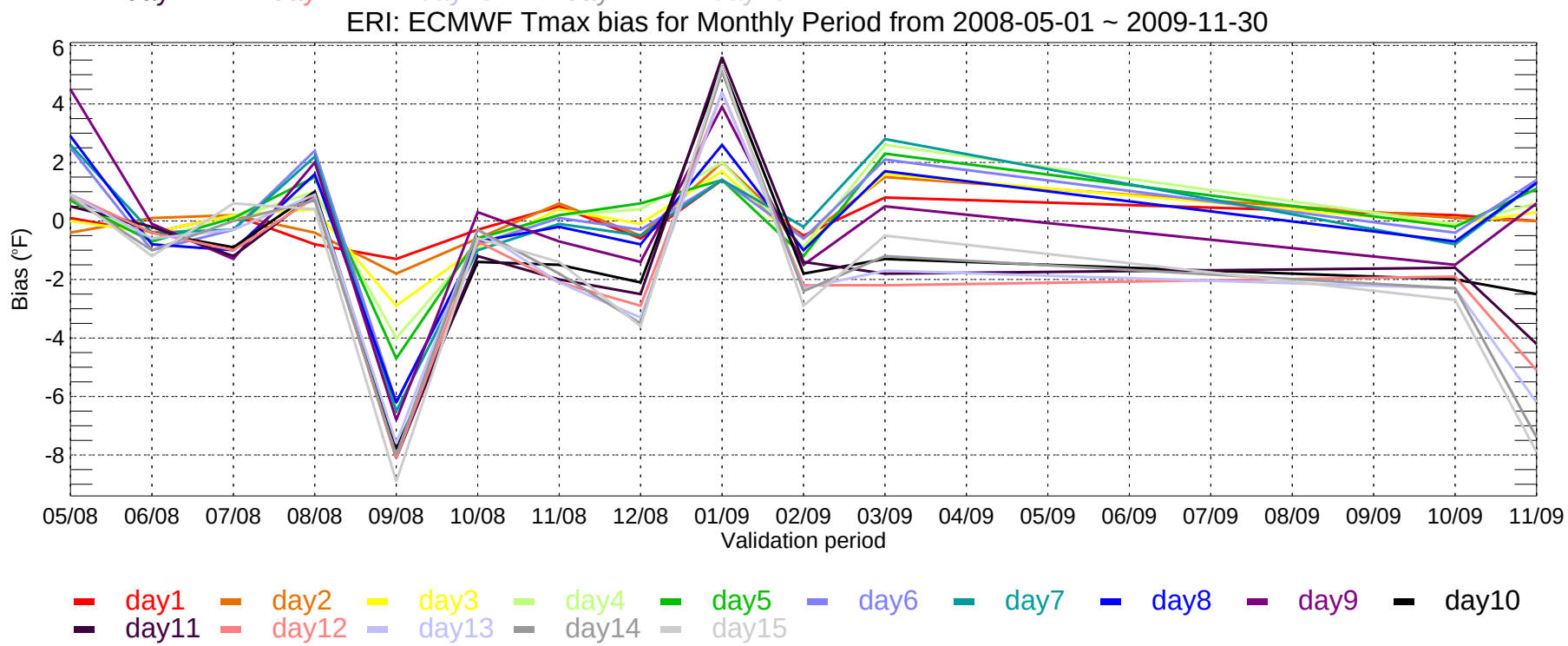
day14
day15


ERI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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day7
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day11
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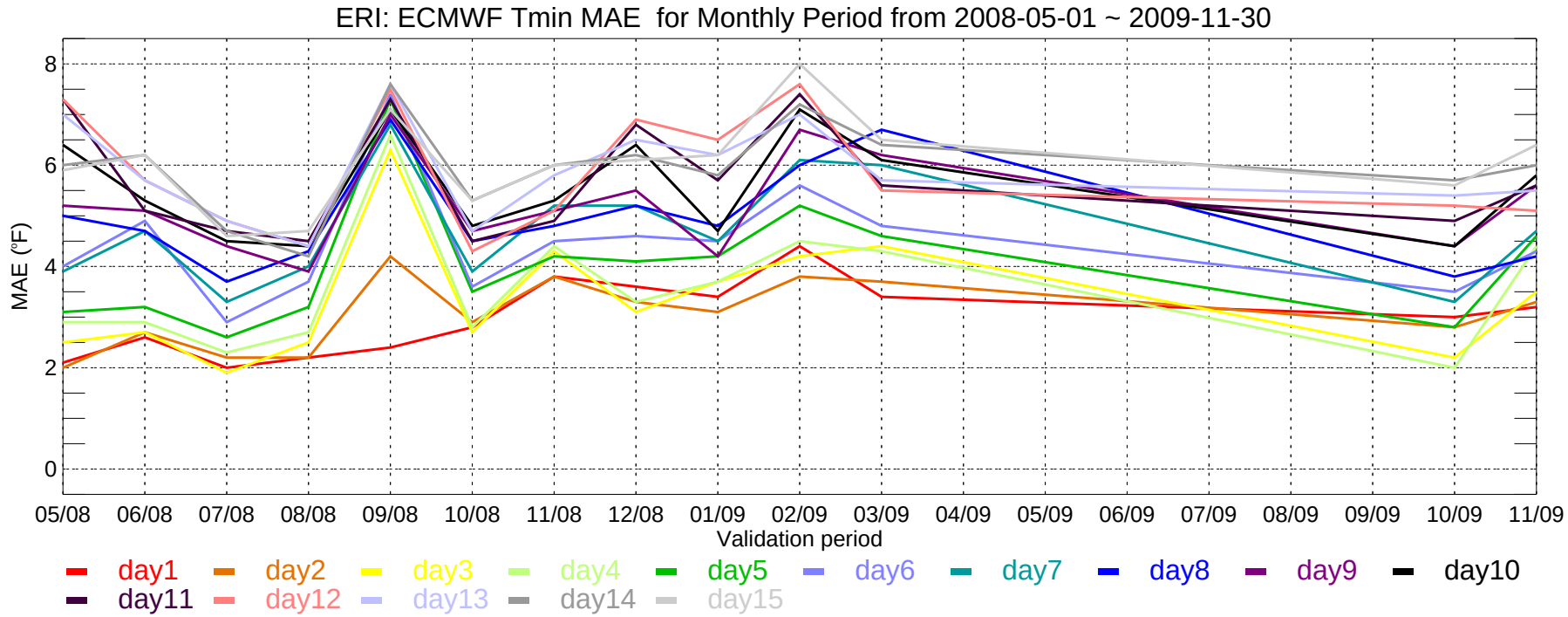
day13
day14
day15


ERI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
day7
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day10
day11
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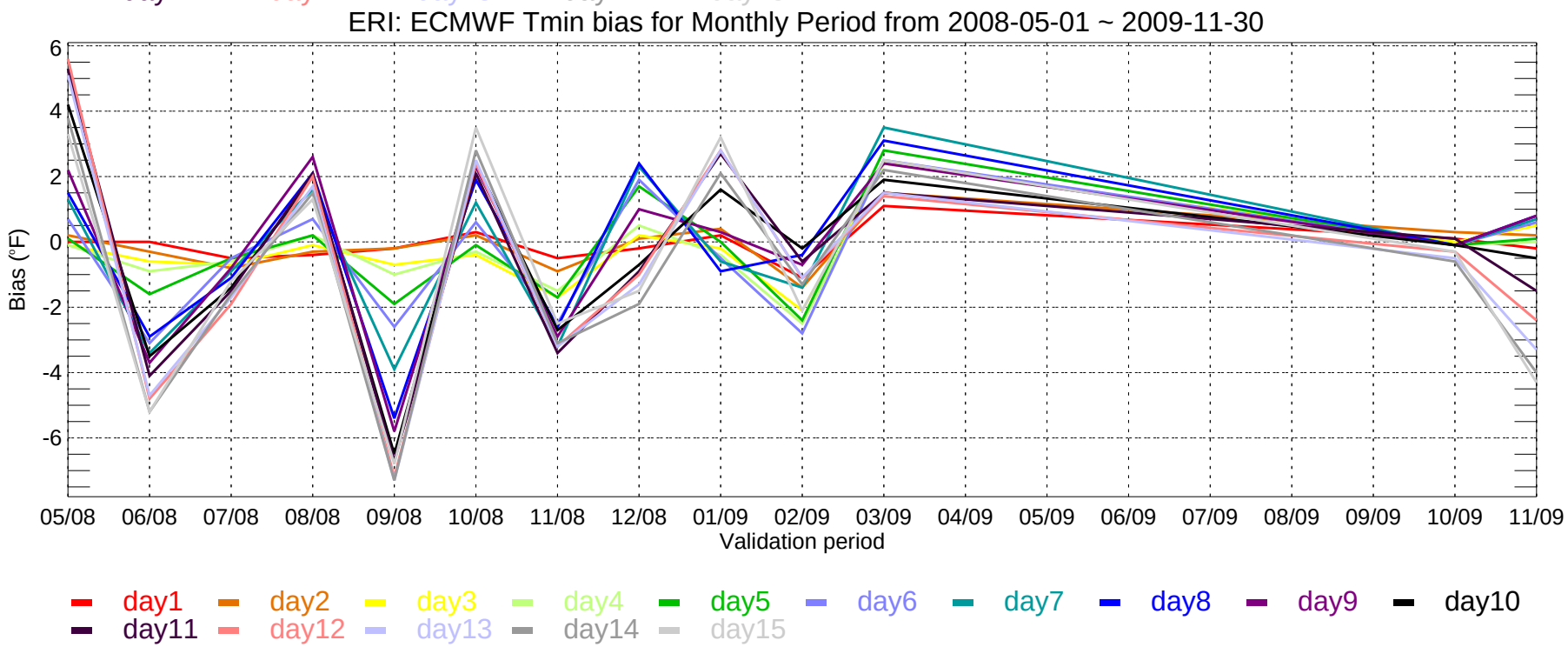
day13
day14
day15


ERI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
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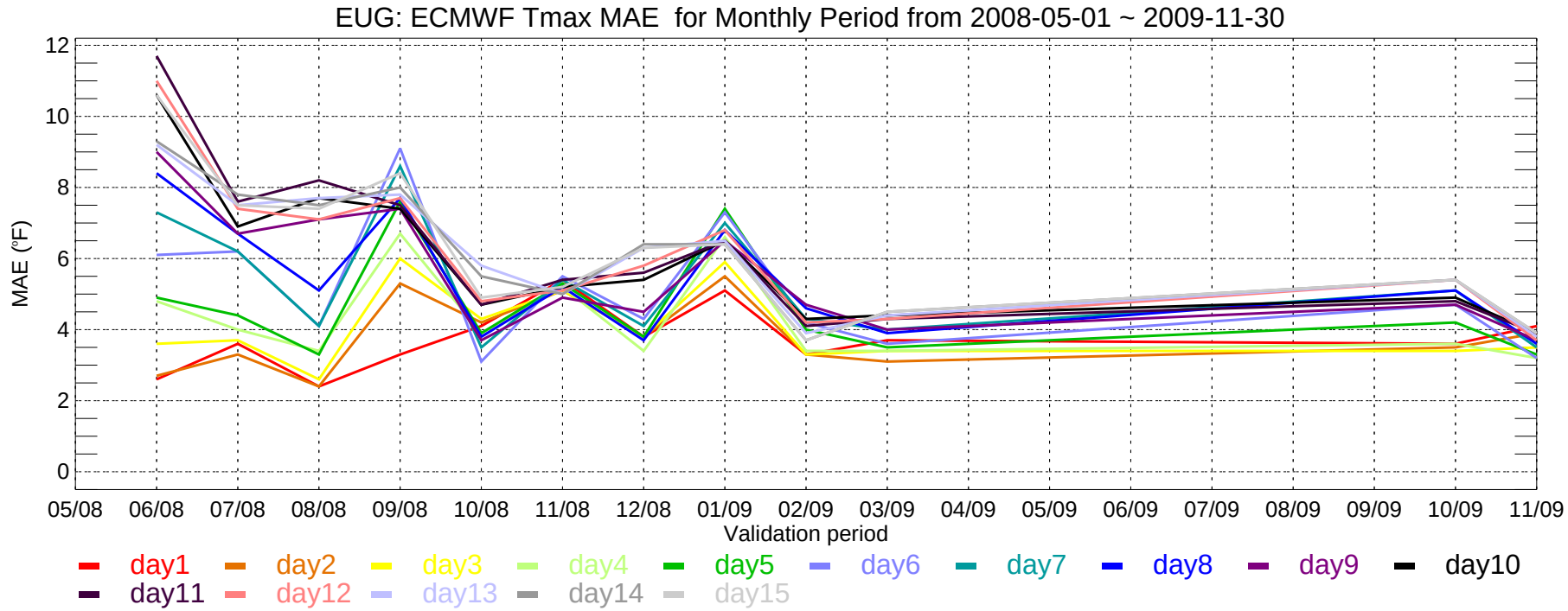
day10
day11
day12
day13
day14
day15


EUG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
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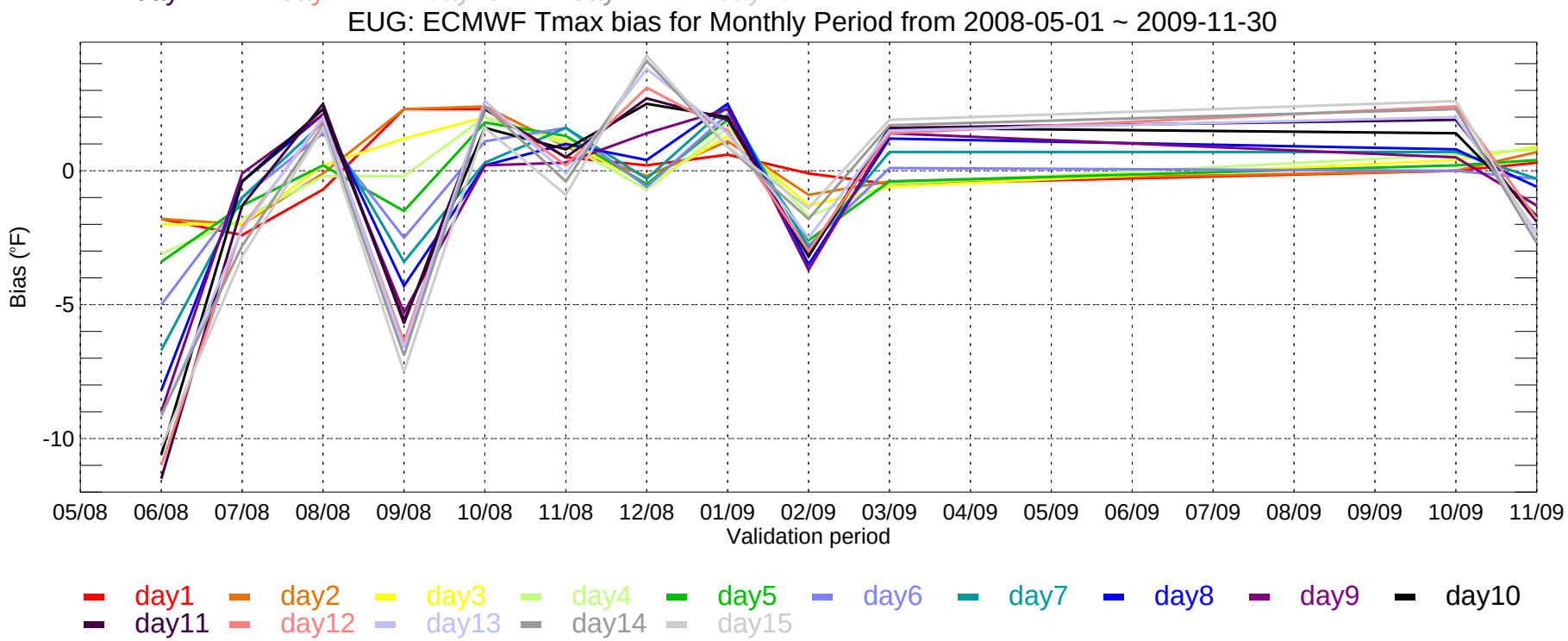
day12
day13
day14
day15


EUG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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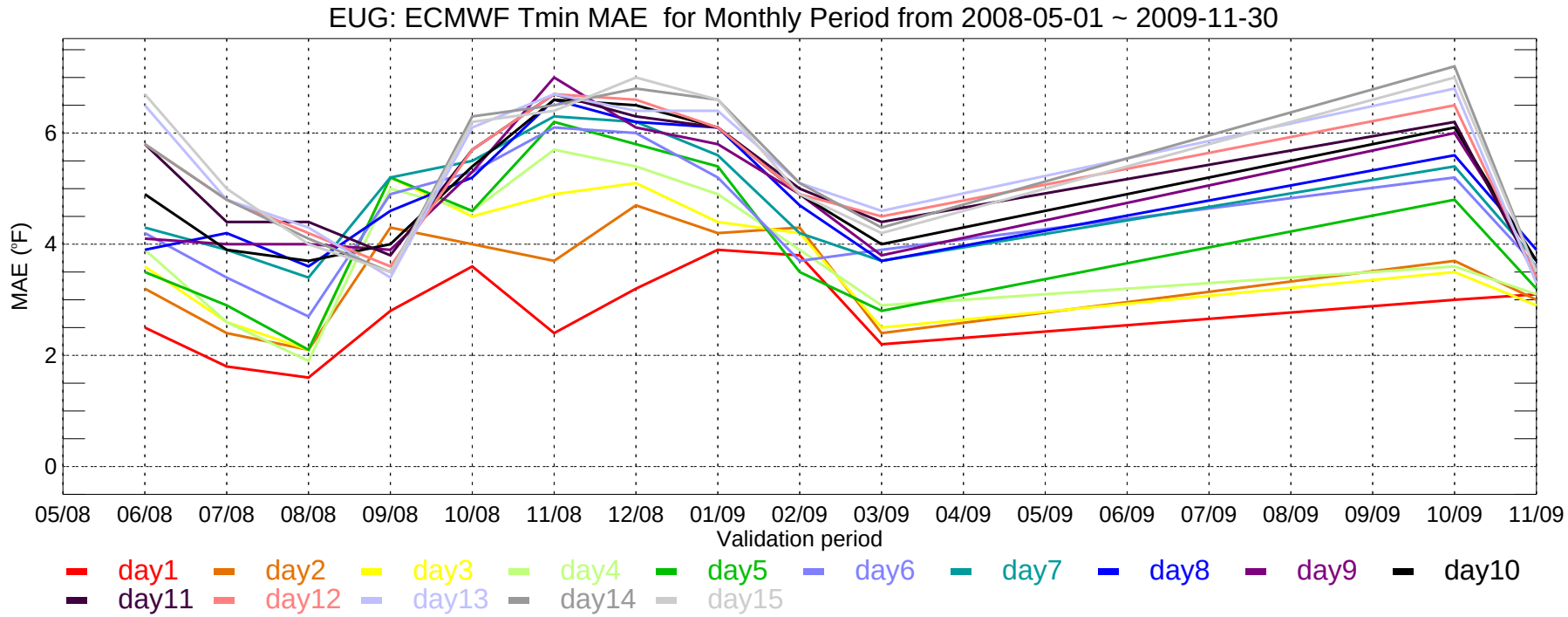
day14
day15


EUG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
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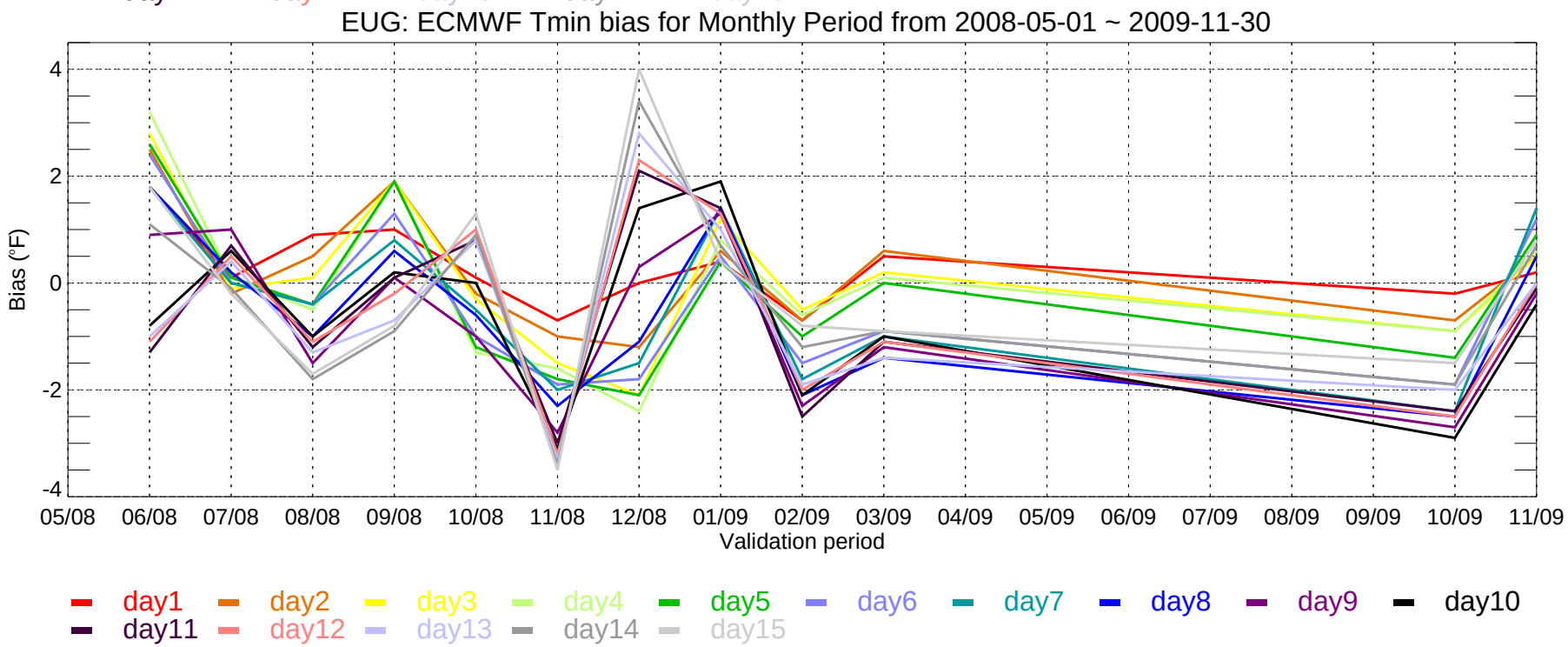
day14
day15


EUG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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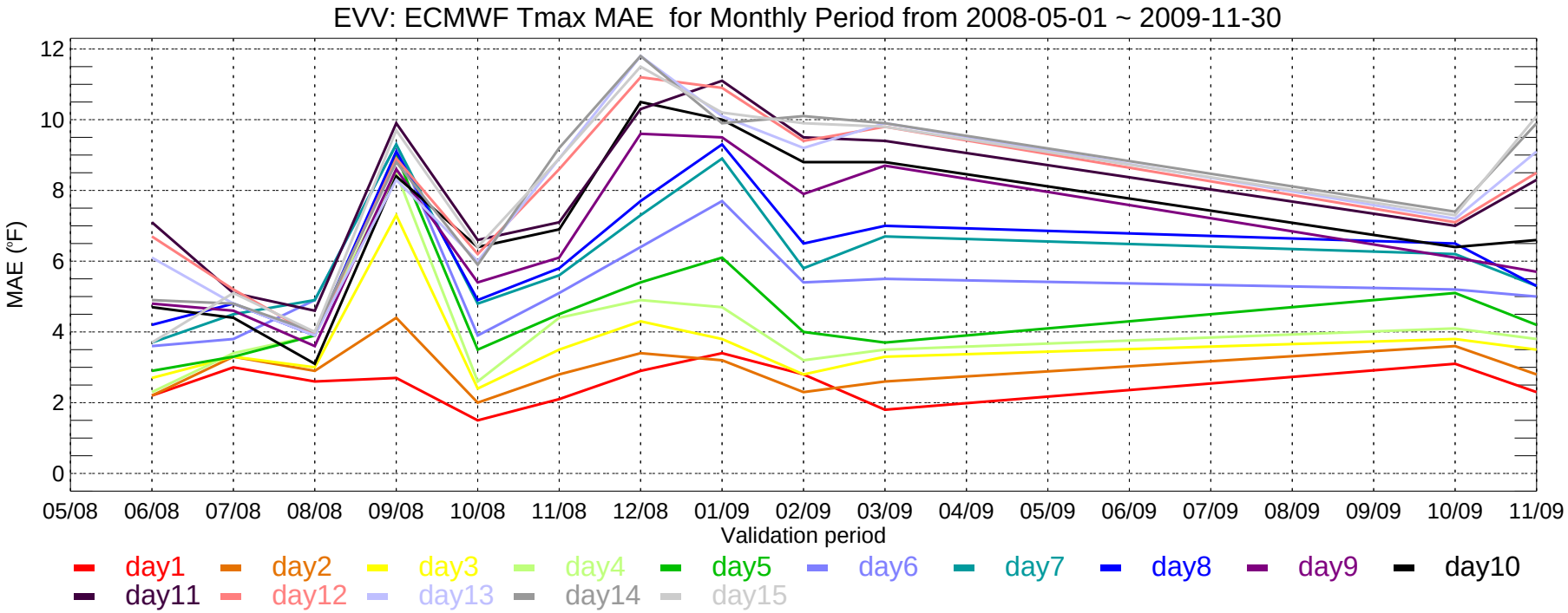
day13
day14
day15


EVV: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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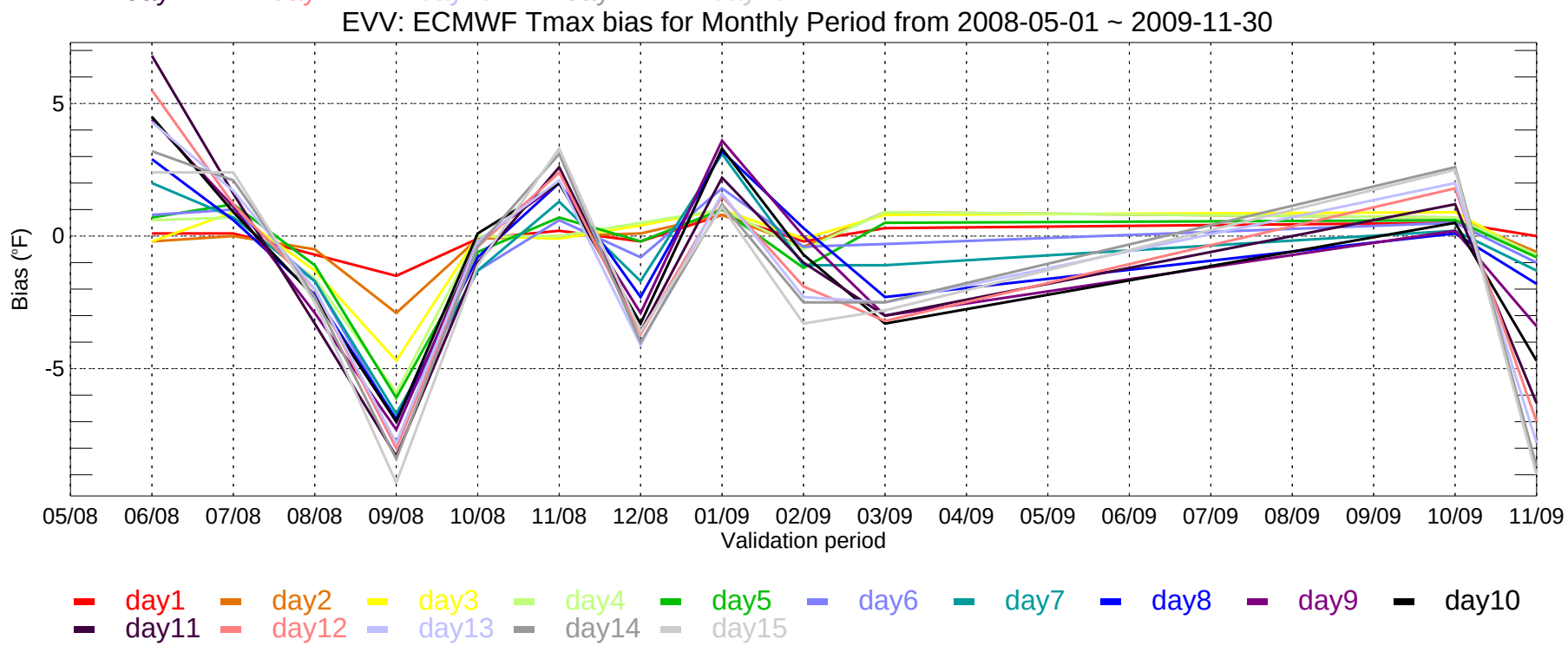
day13
day14
day15


EVV: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
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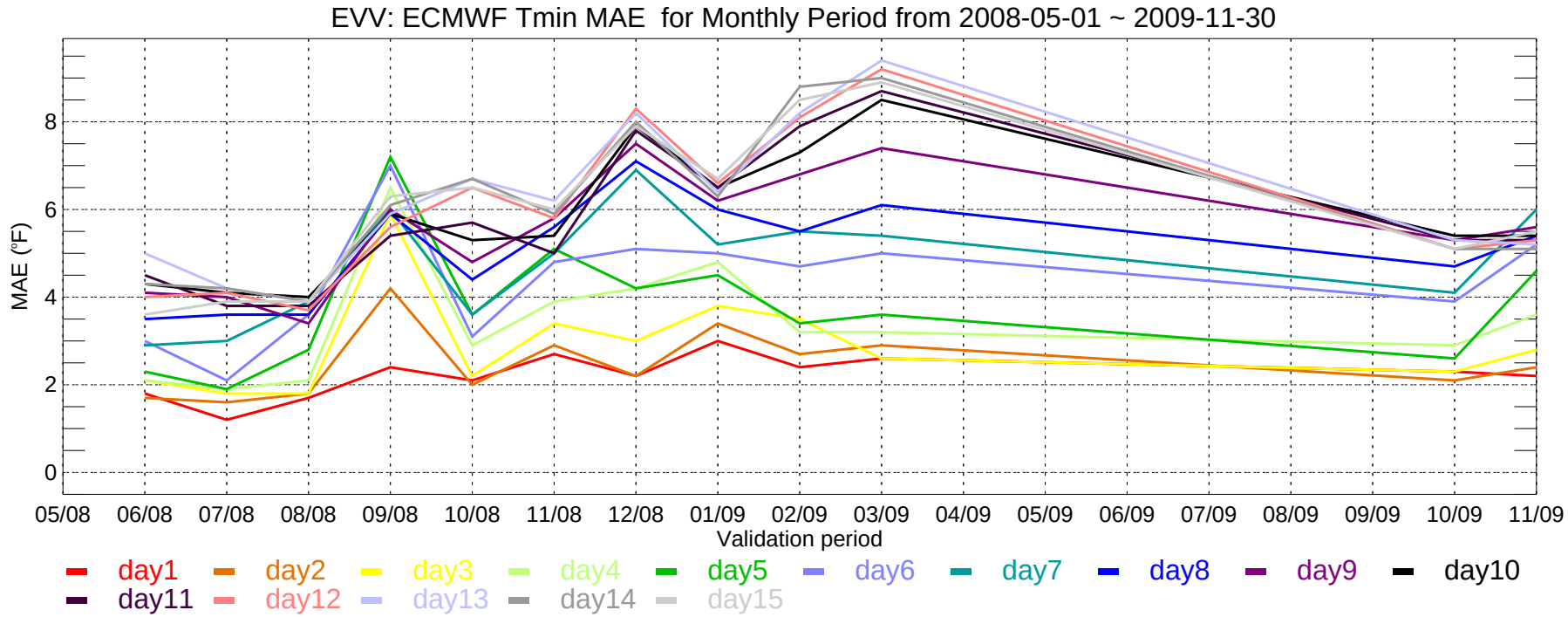
day15


EVV: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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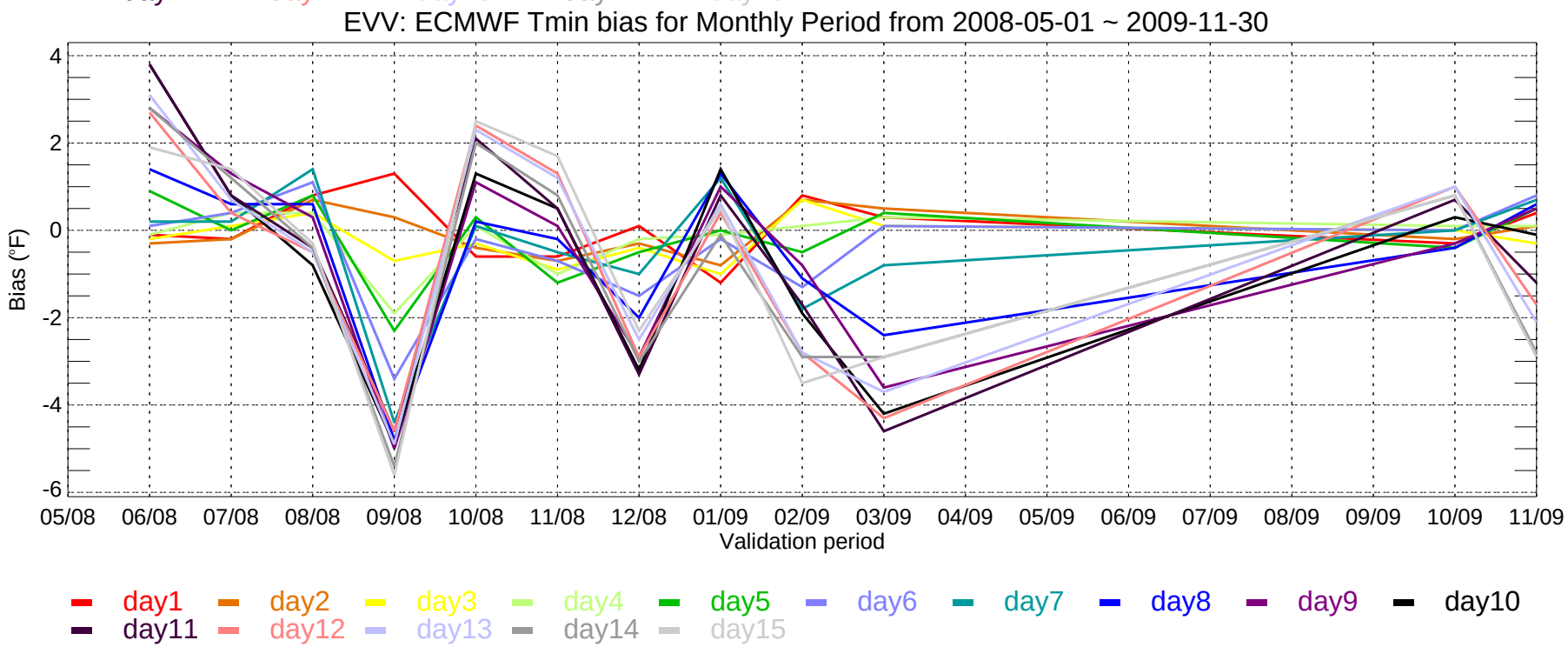
day15


EVV: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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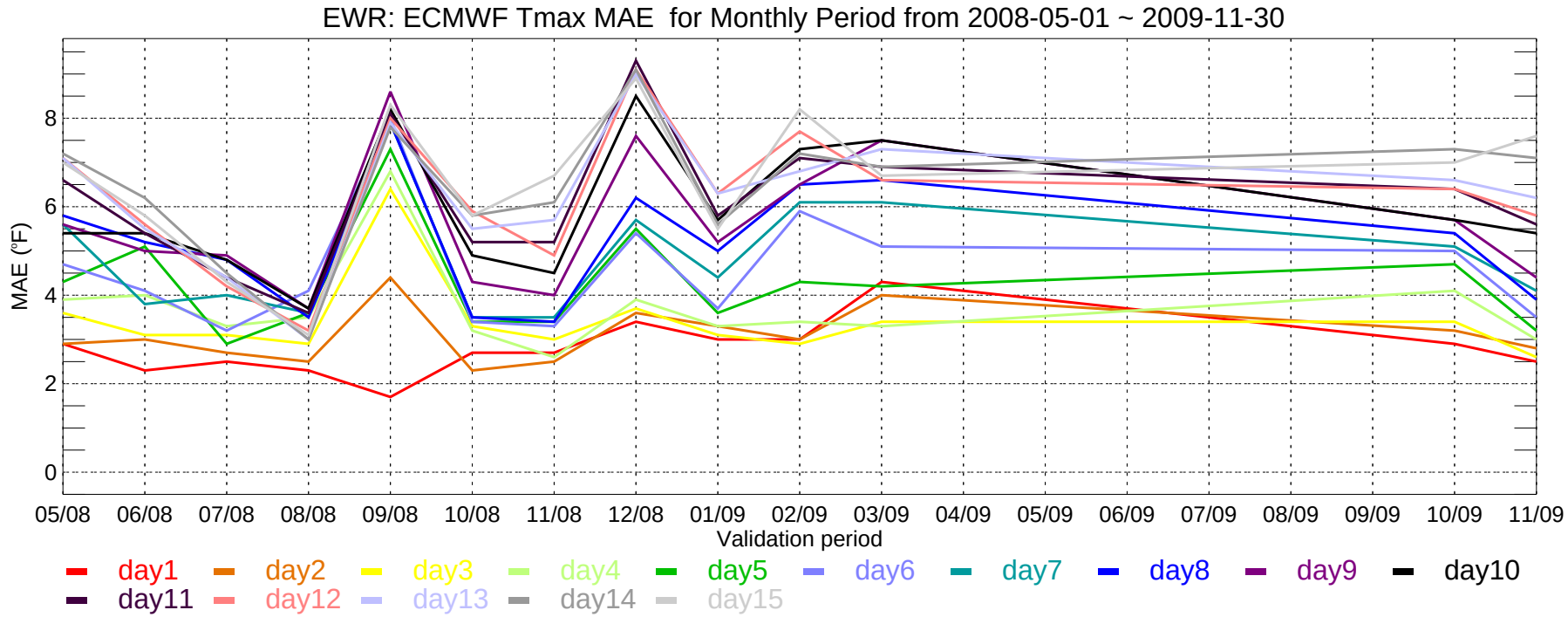
day15


EWR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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11/09
Validation period
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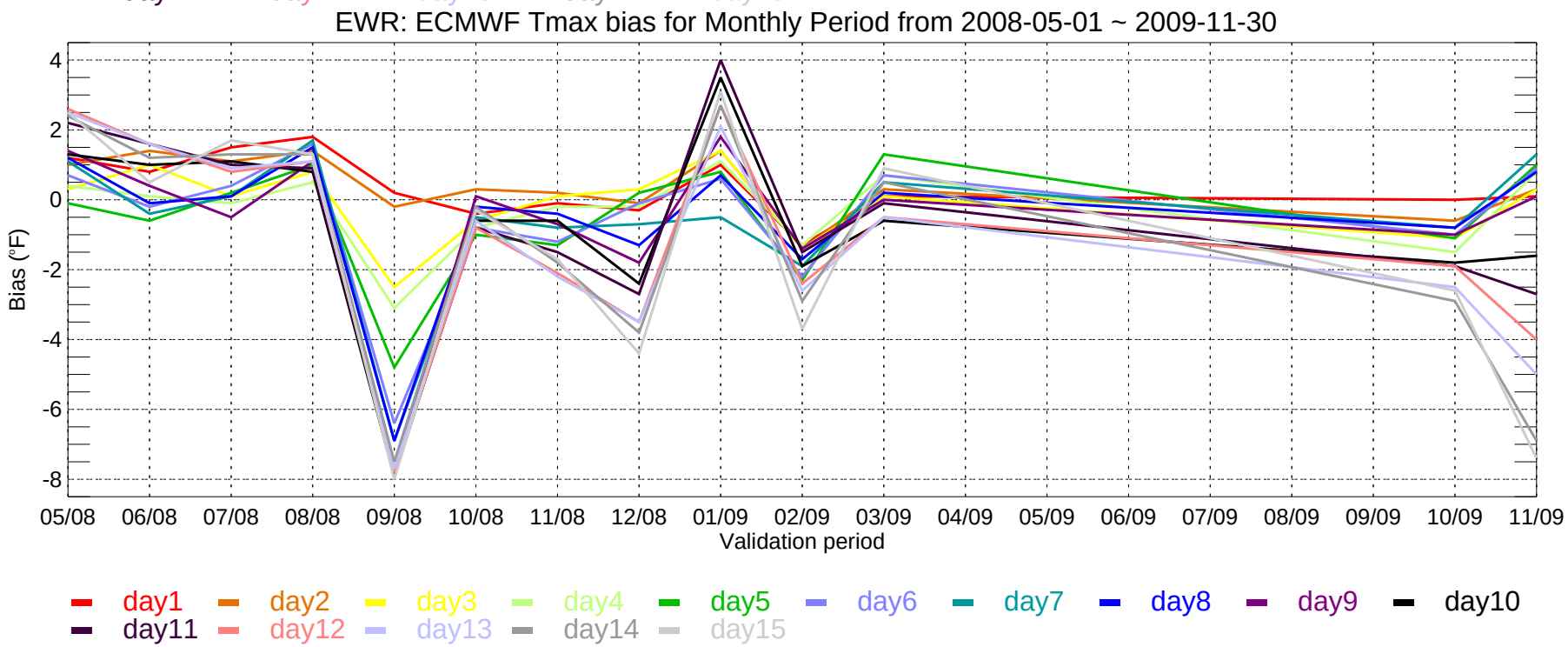
day15


EWR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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04/09
05/09
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11/09
Validation period
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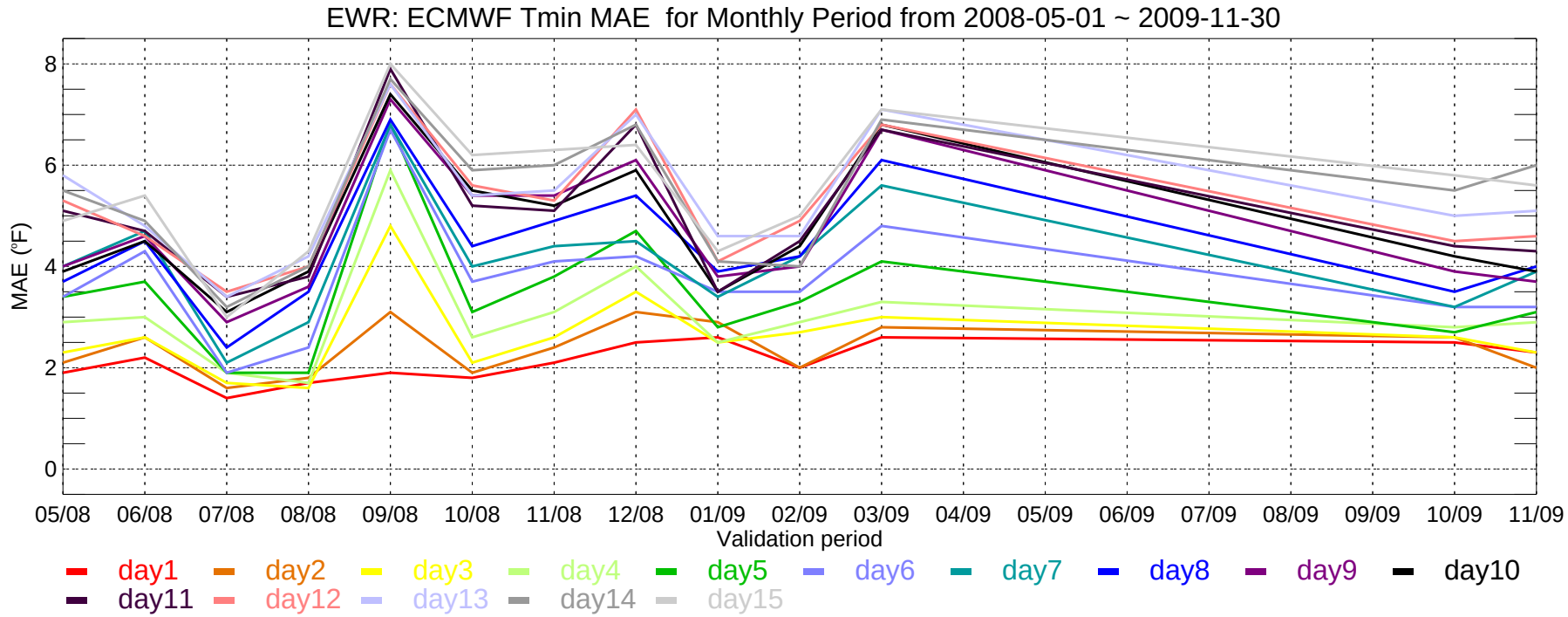
day15


EWR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
day1
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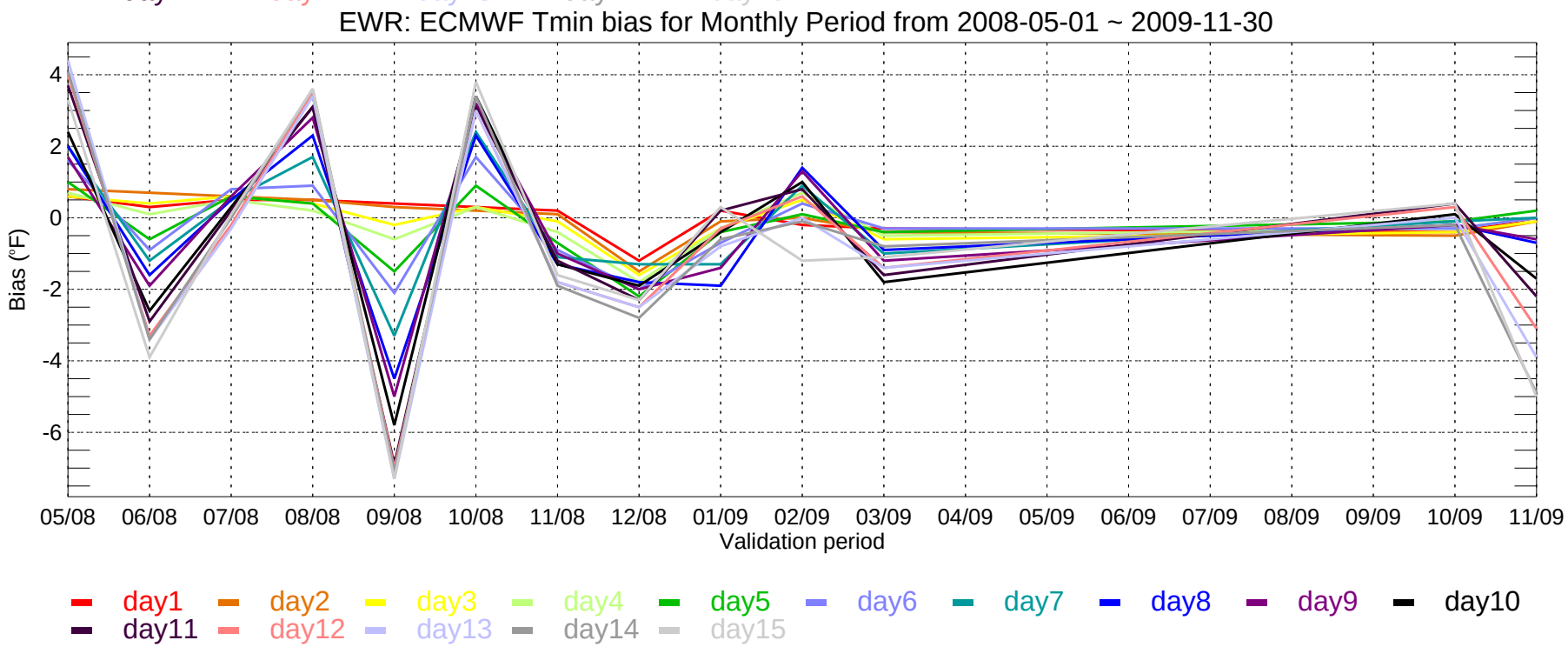
day15


EWR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
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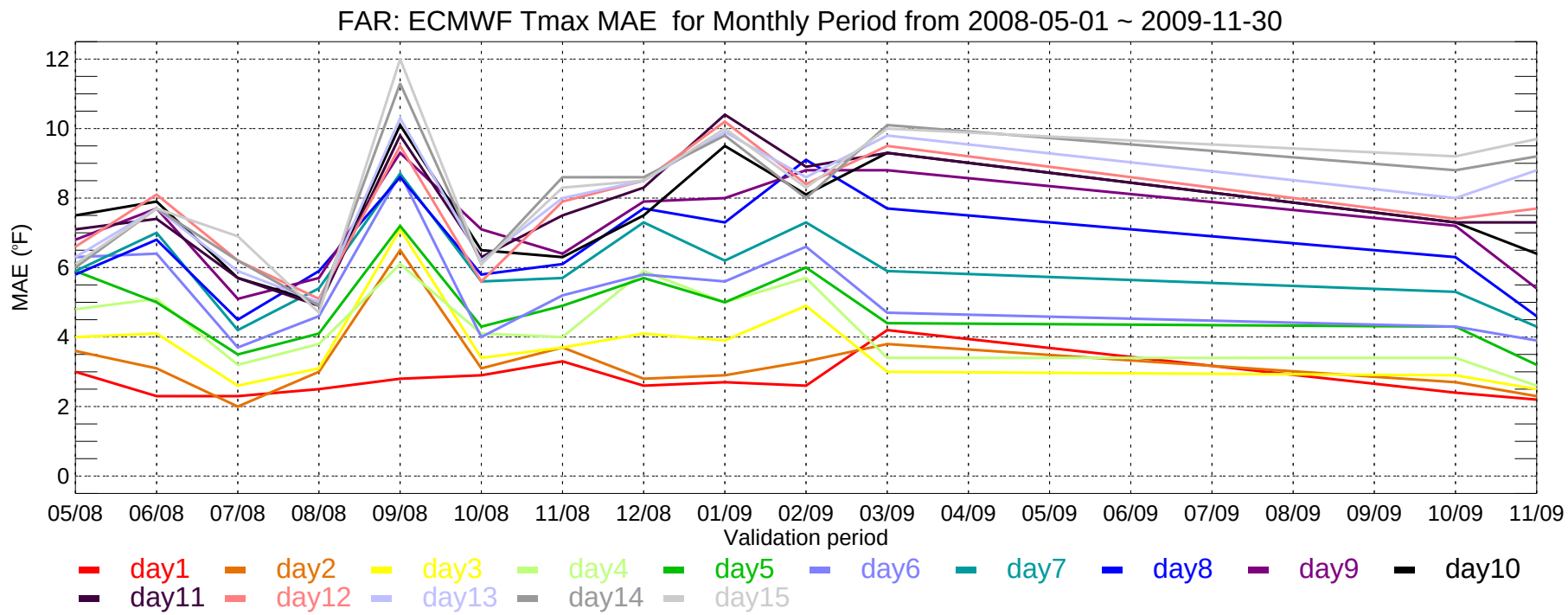
day15


FAR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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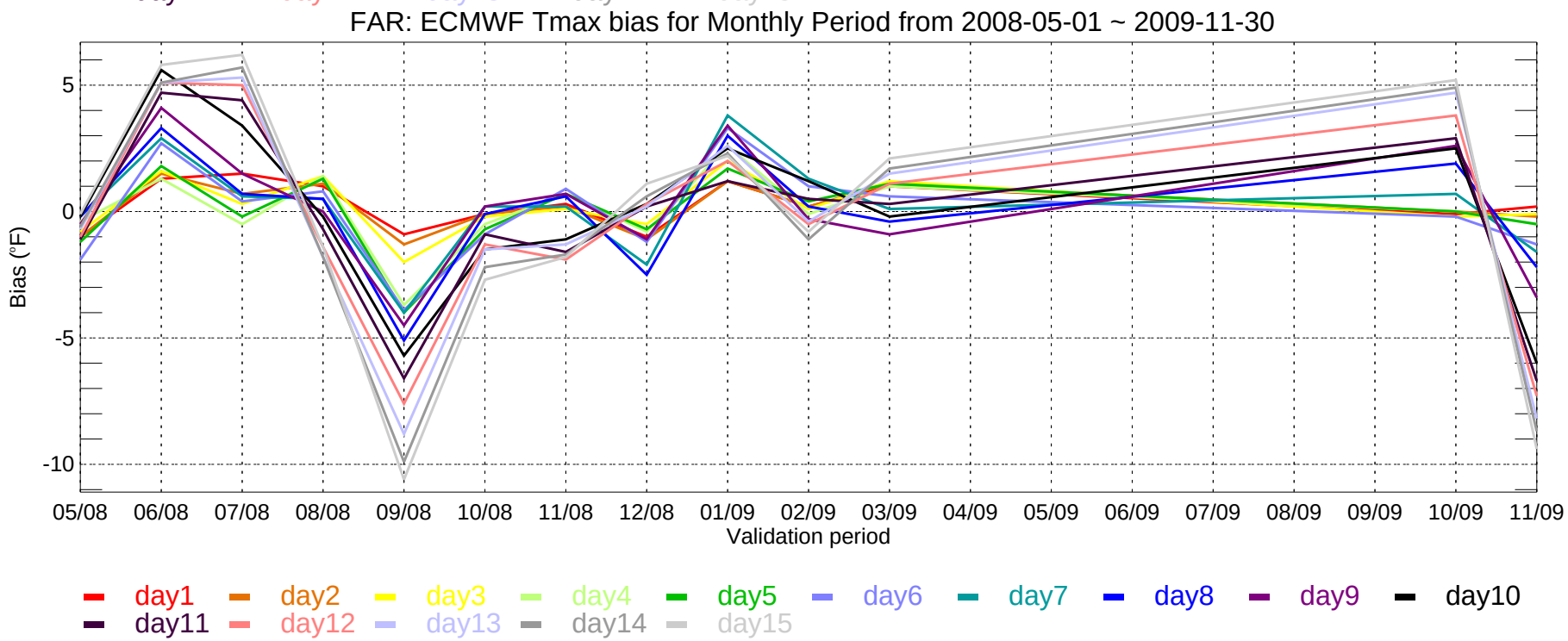
day14
day15


FAR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
day1
day2
day3
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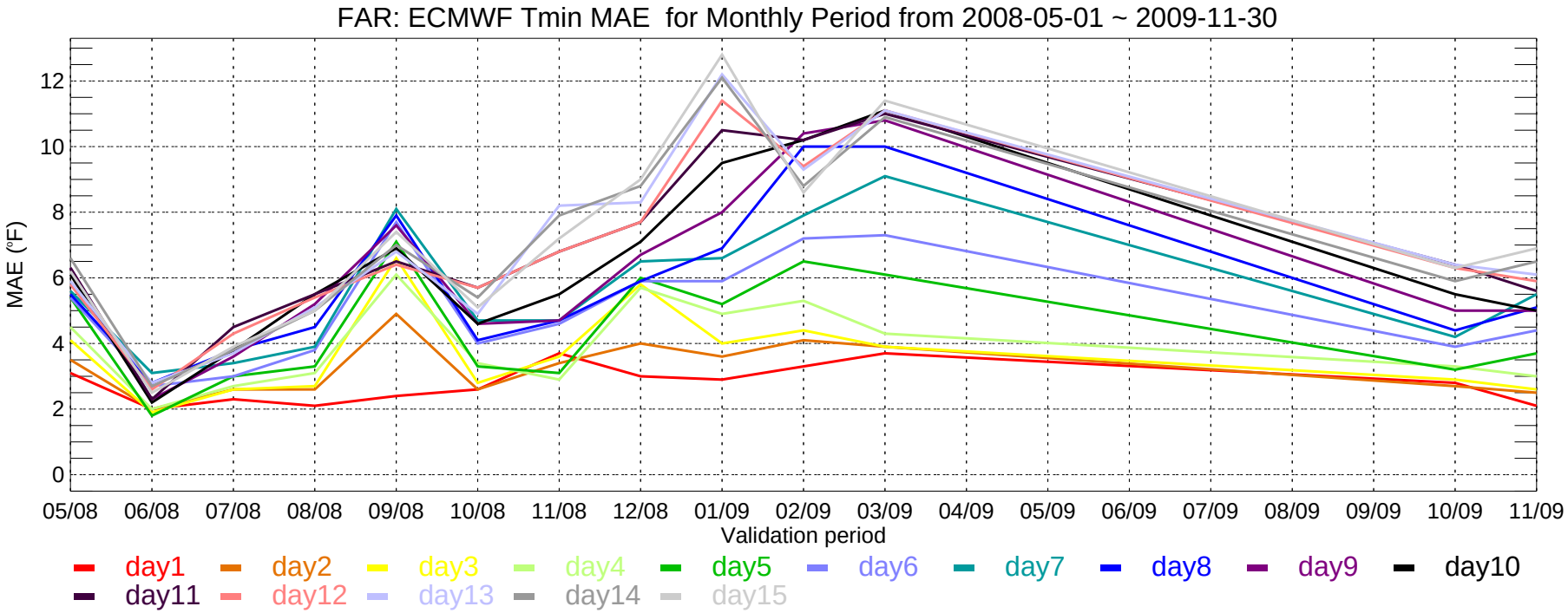
day15


FAR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
day1
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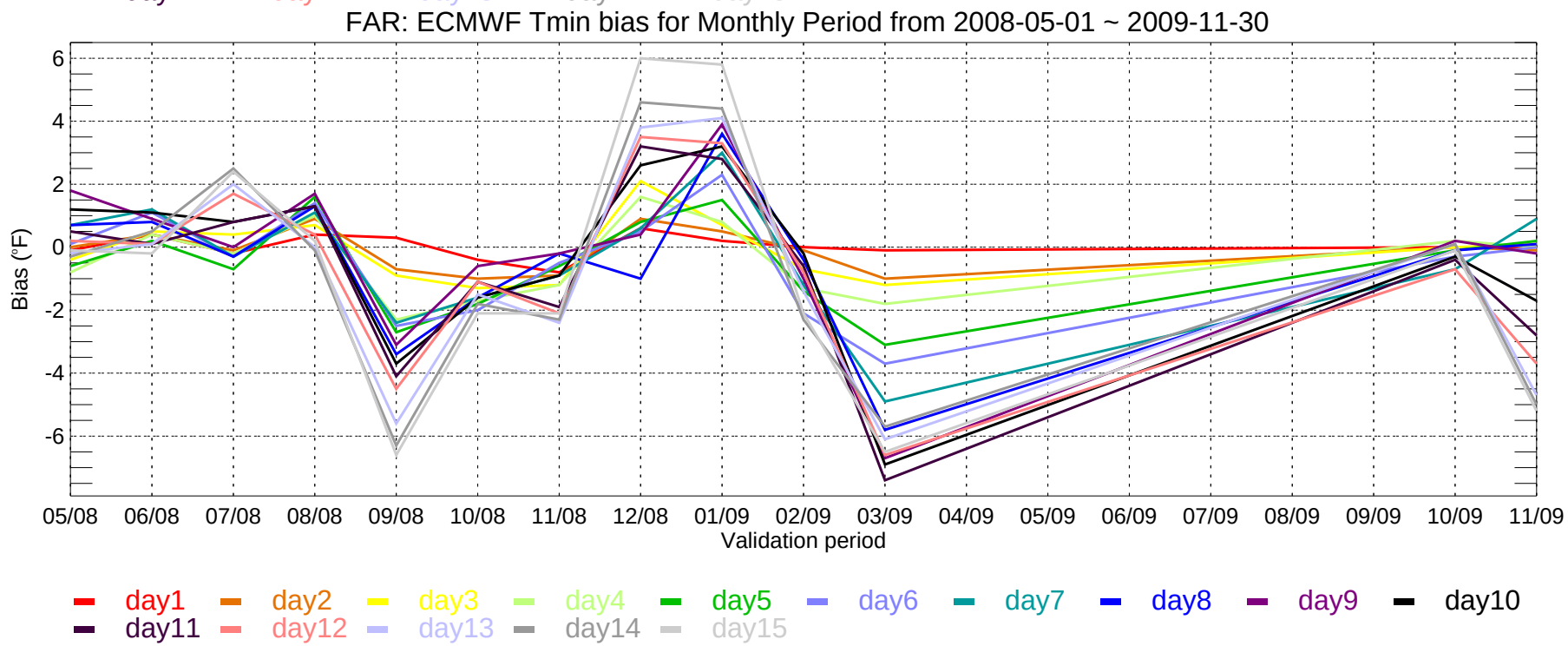
day14
day15


FAR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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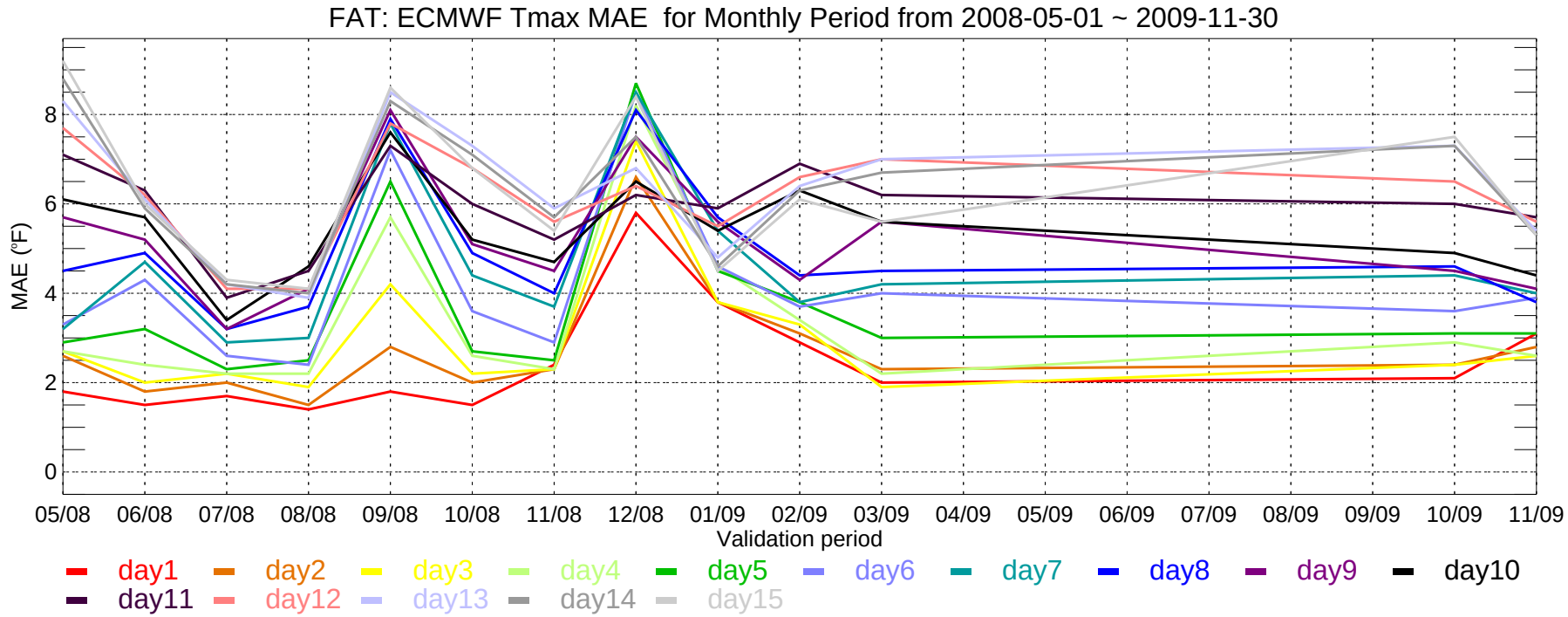
FAT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
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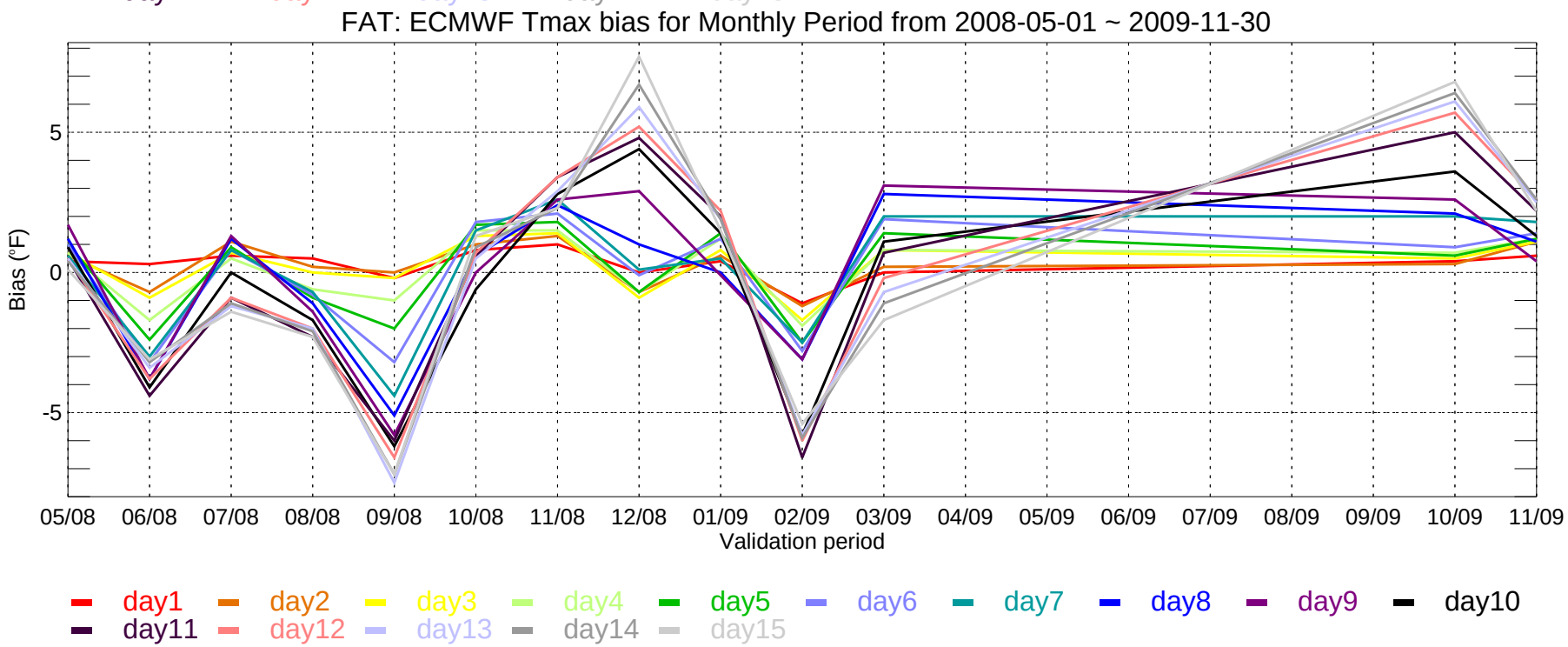
day15


FAT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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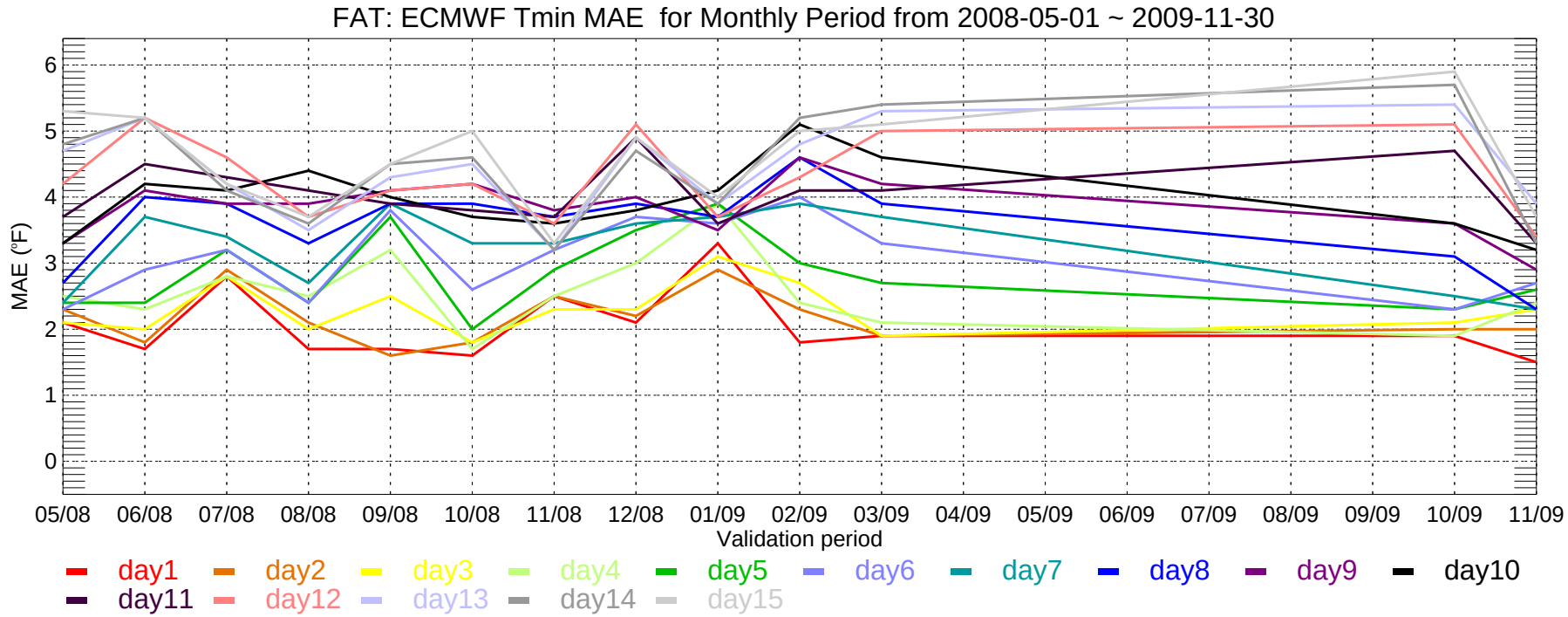
day15


FAT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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04/09
05/09
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11/09
Validation period
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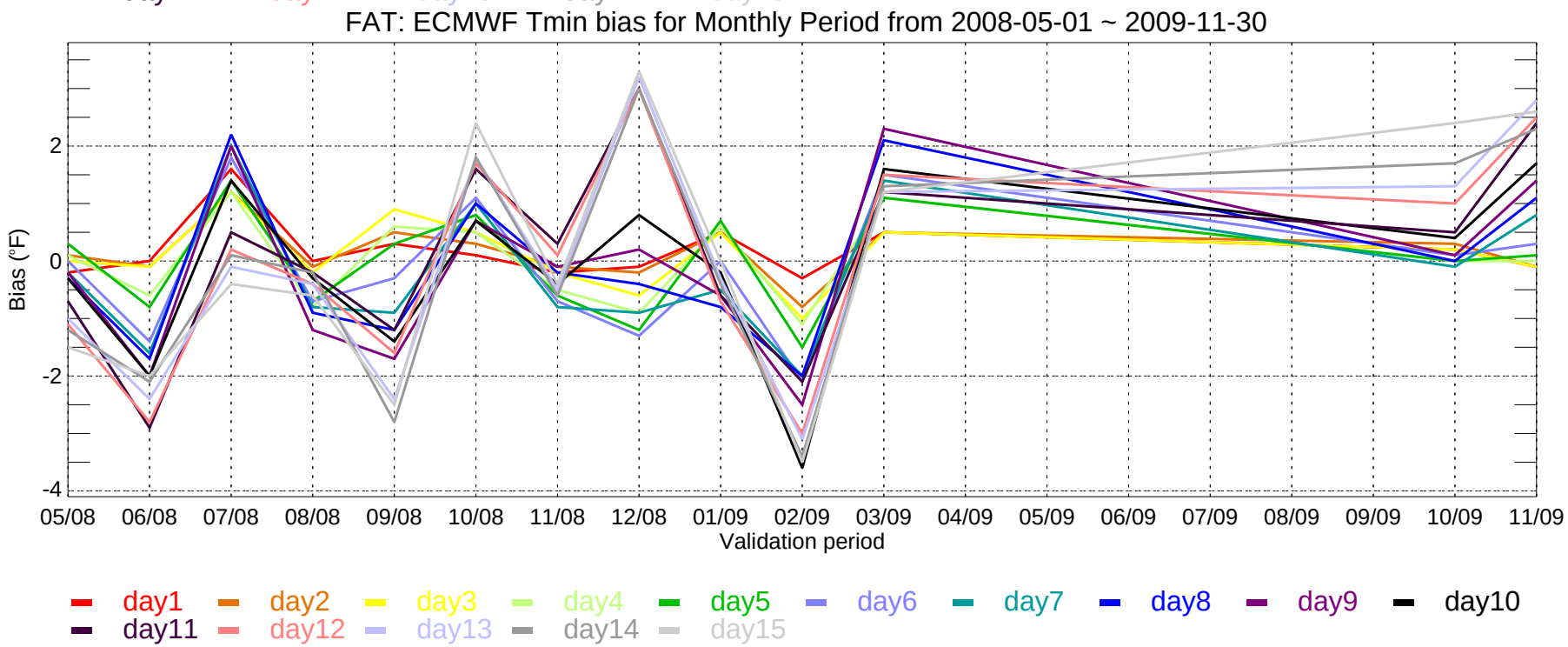
FAT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
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11/09
Validation period
day1
day2
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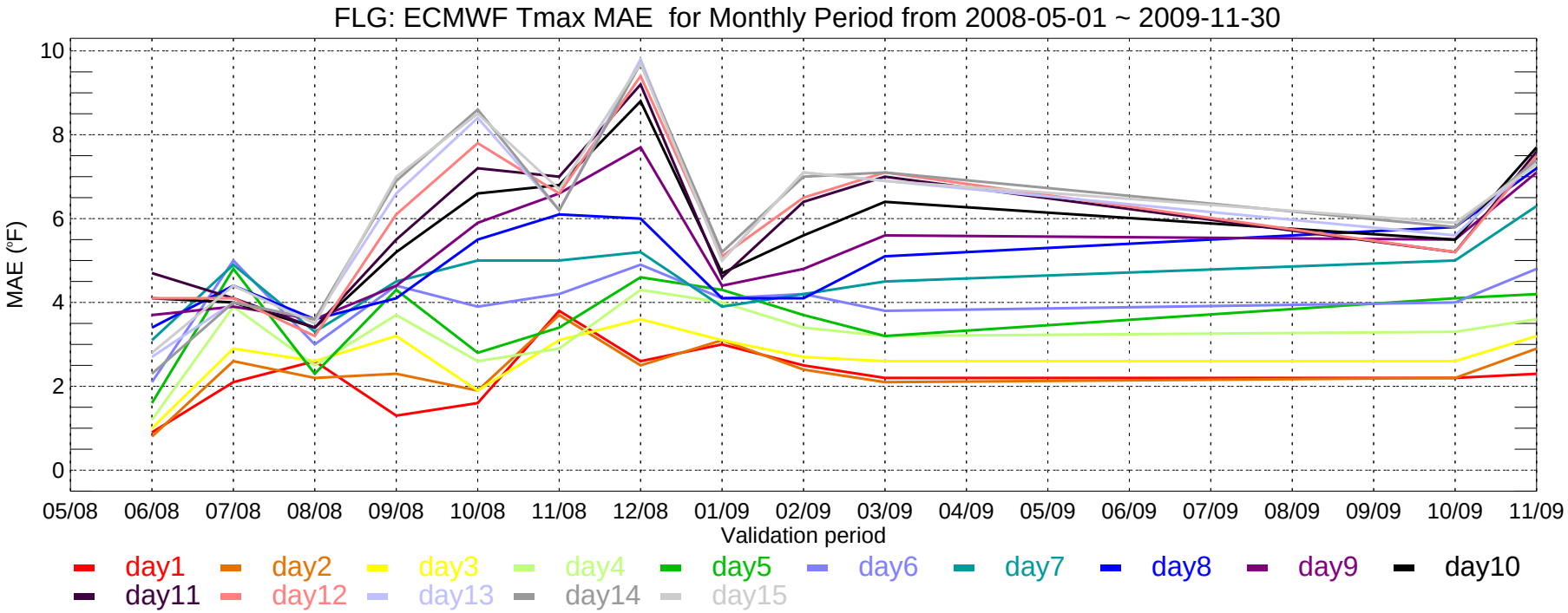
day15


FLG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
day1
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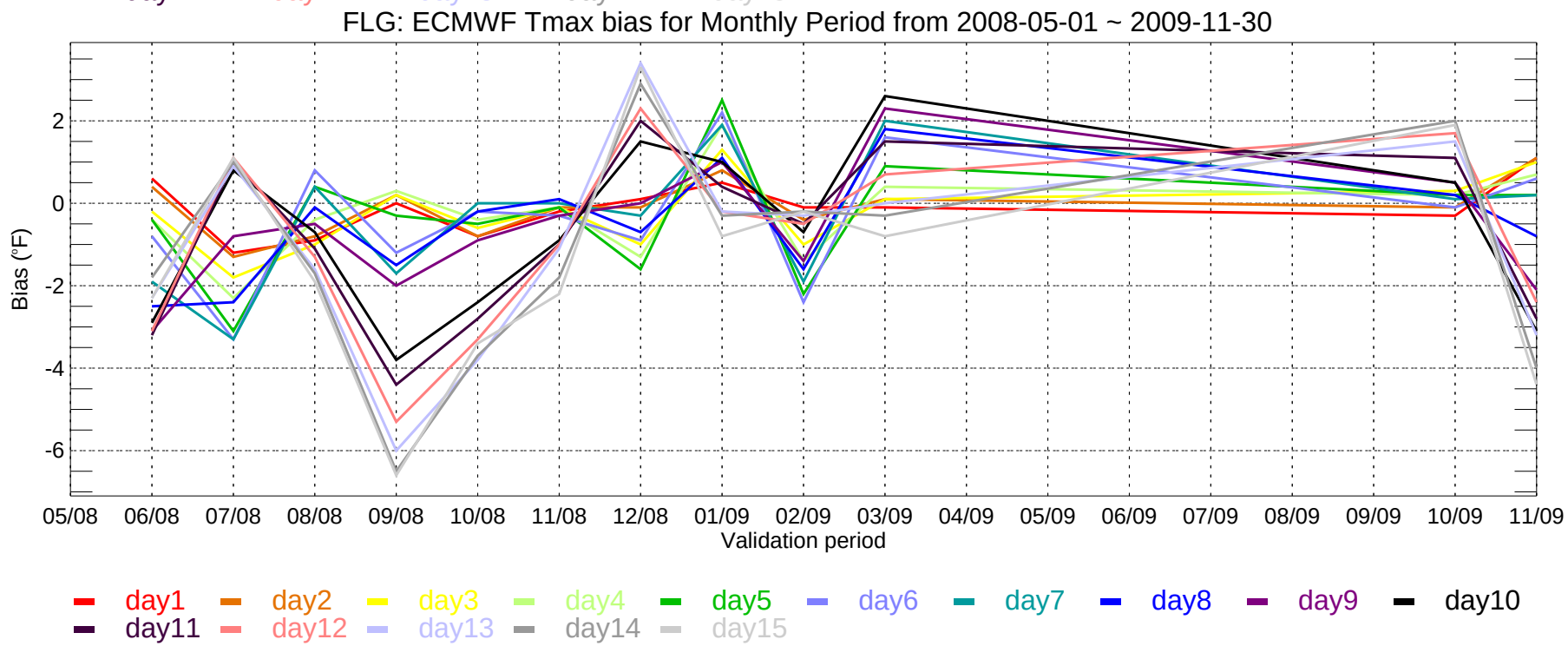
day15


FLG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
day1
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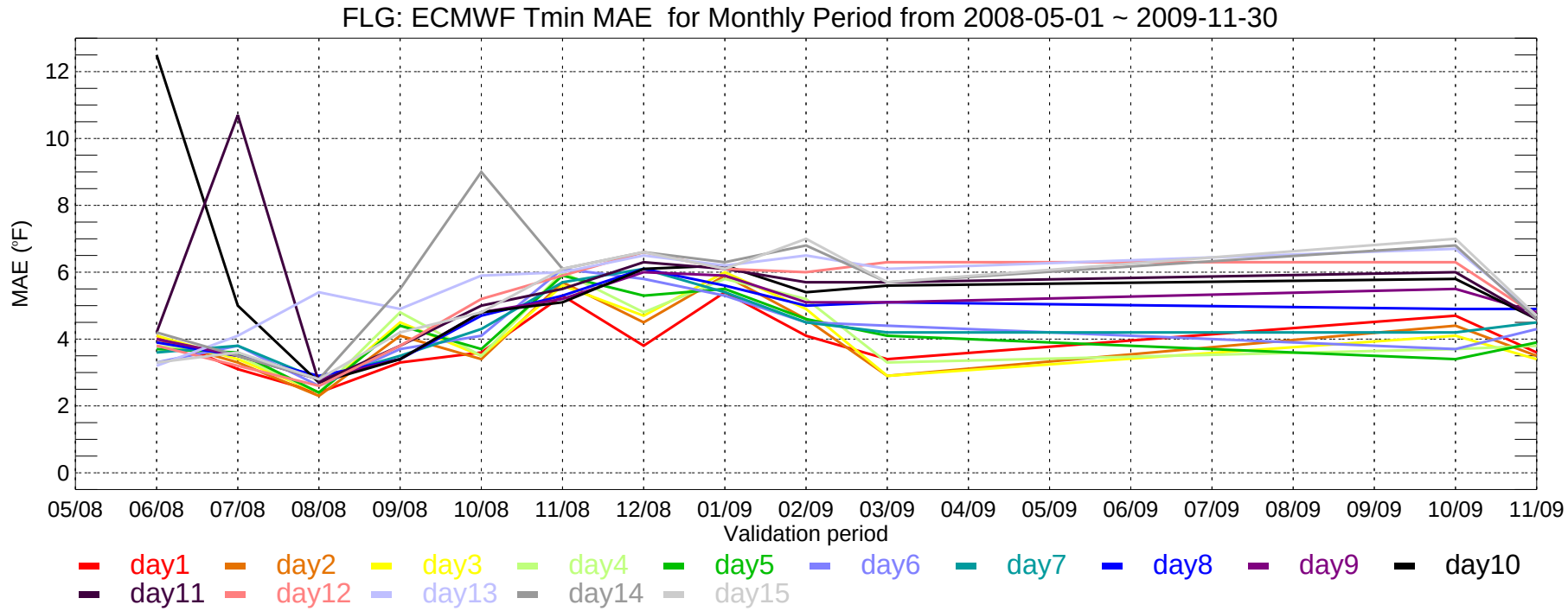
day15


FLG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
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11/09
Validation period
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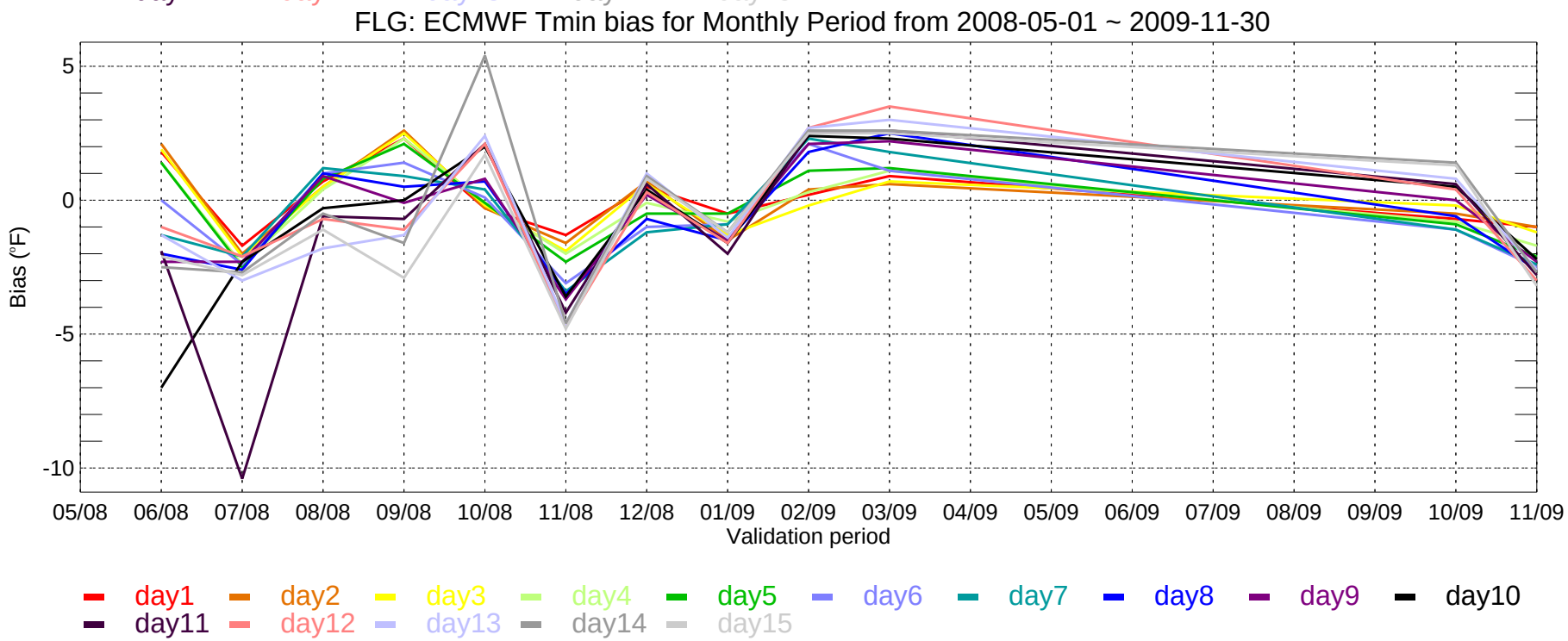
day15


FLG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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Validation period
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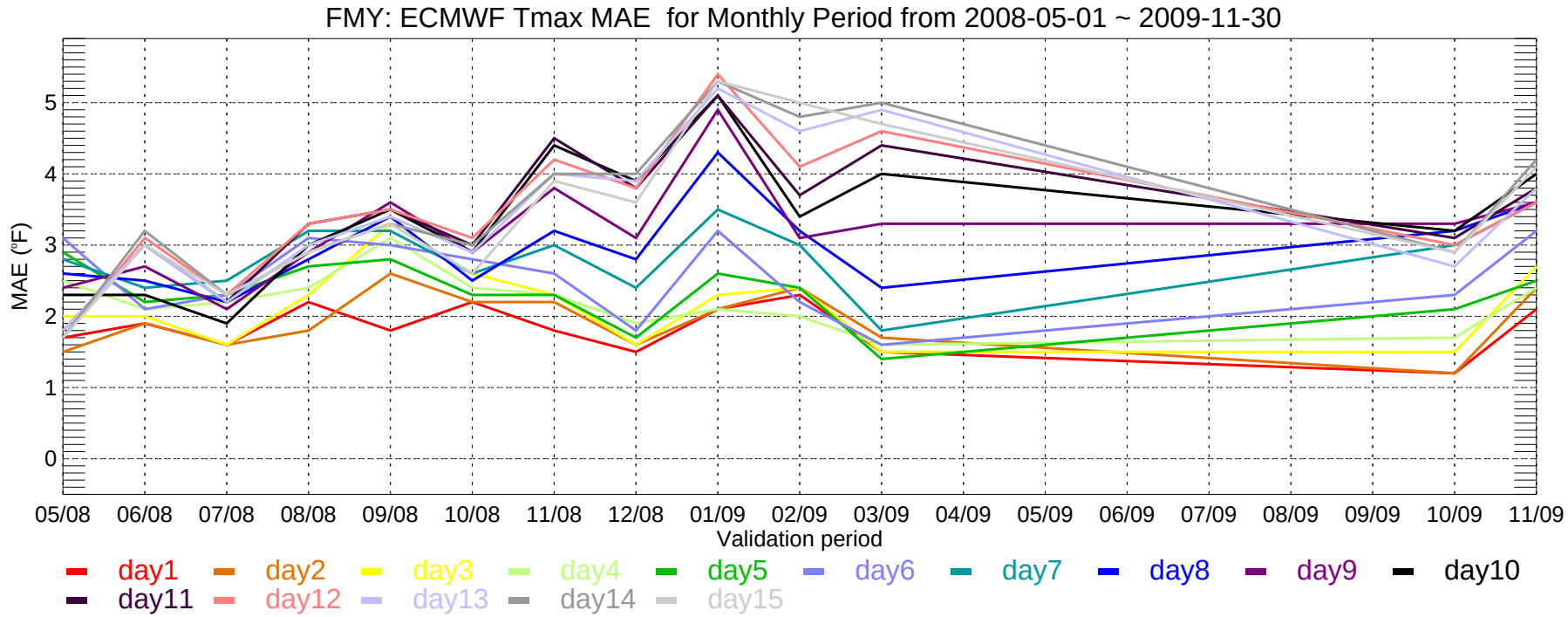
day14
day15


FMY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
day7
day8
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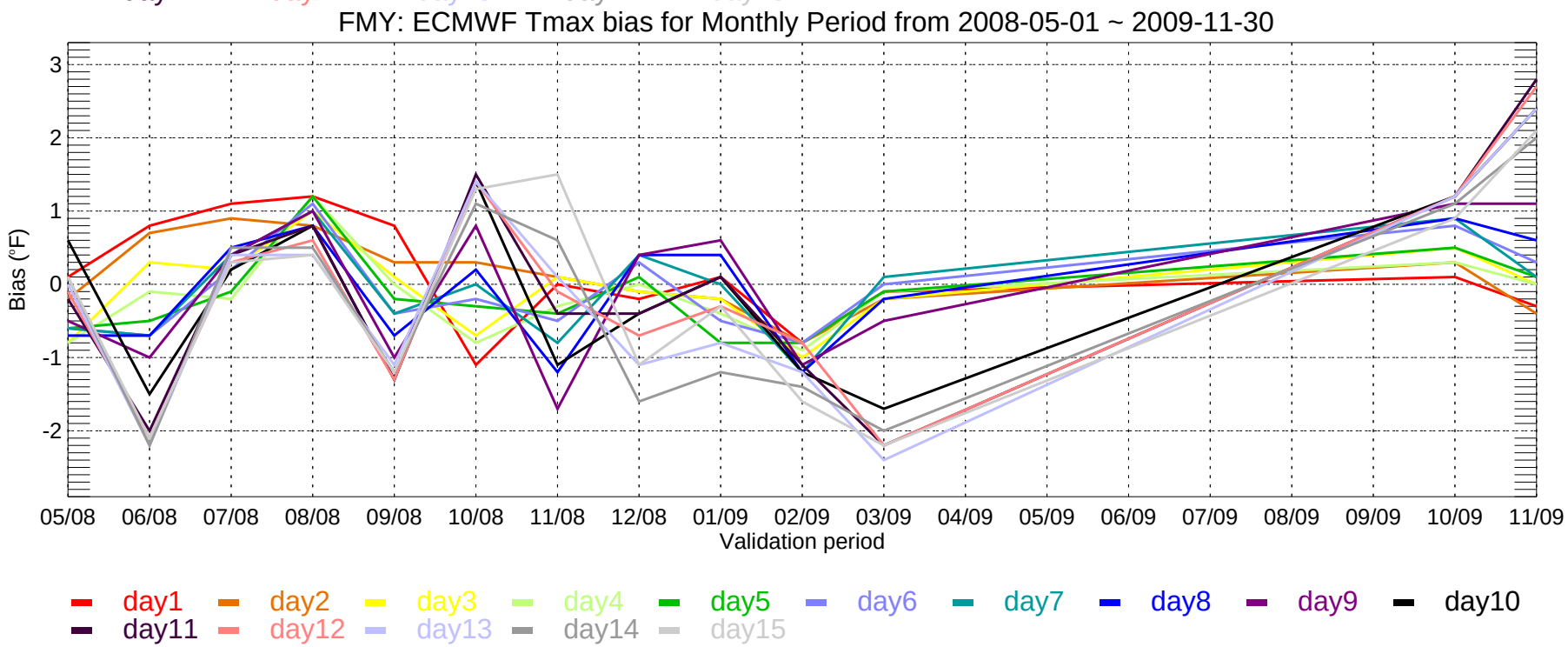
day12
day13
day14
day15


FMY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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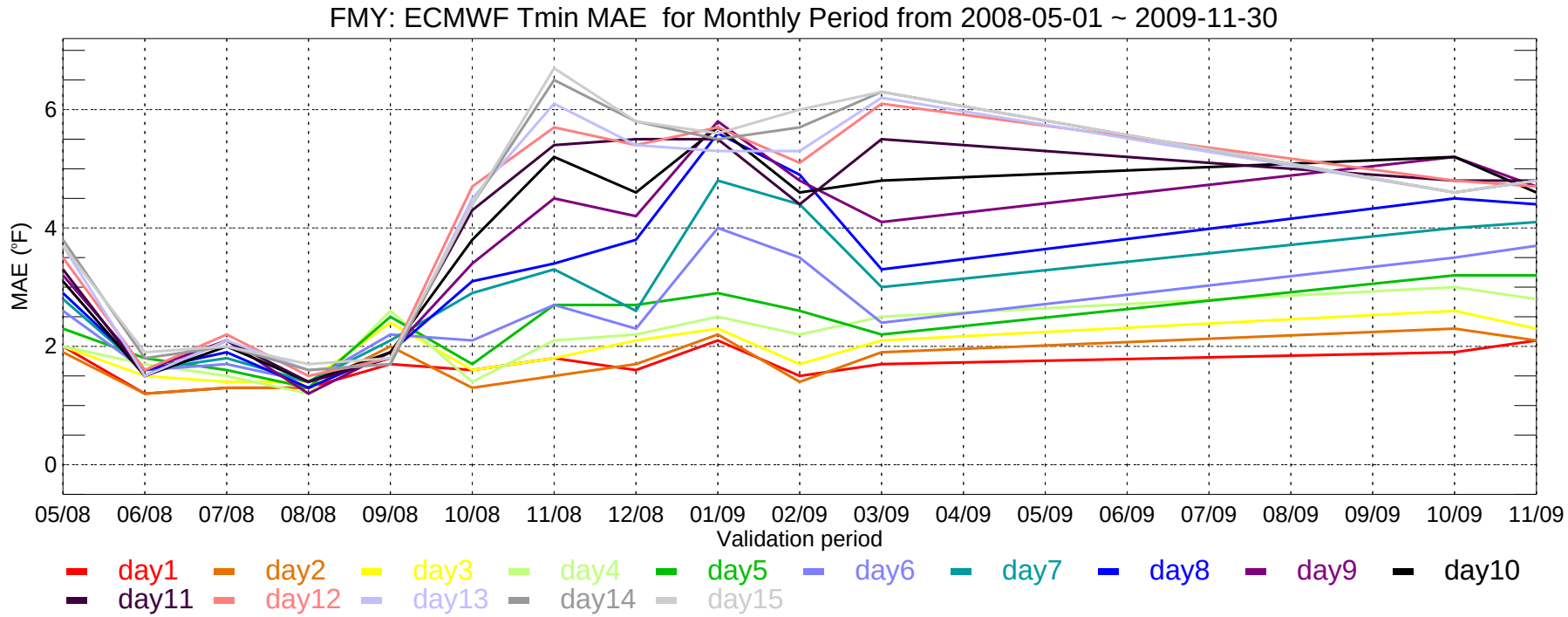
day12
day13
day14
day15


FMY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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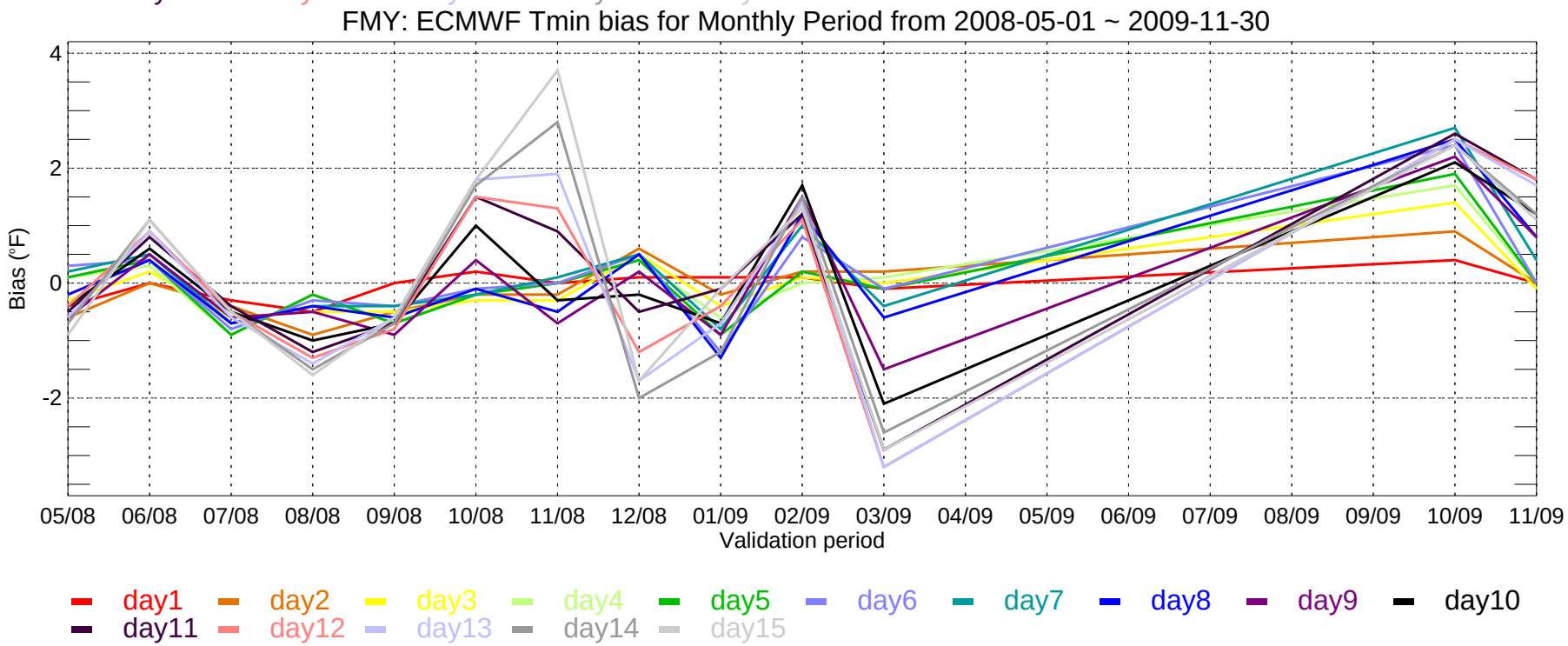
day10
day11
day12
day13
day14
day15


FMY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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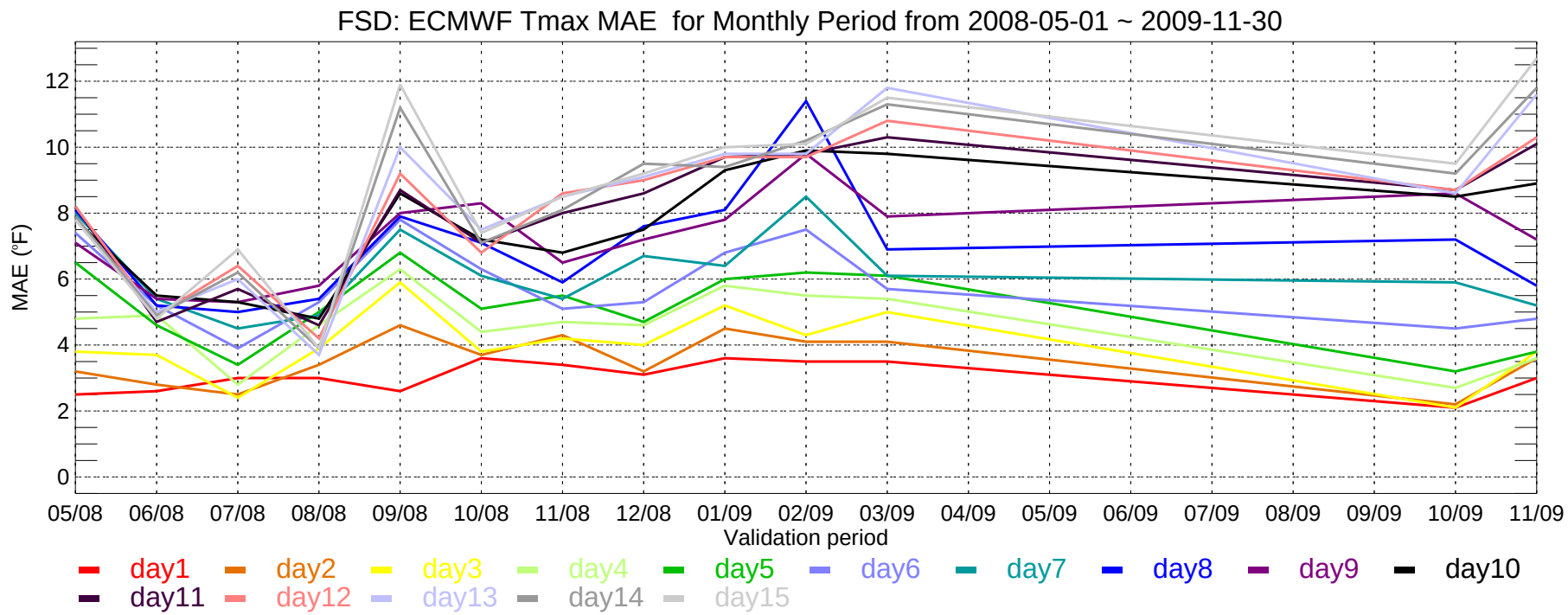
day10
day11
day12
day13
day14
day15


FSD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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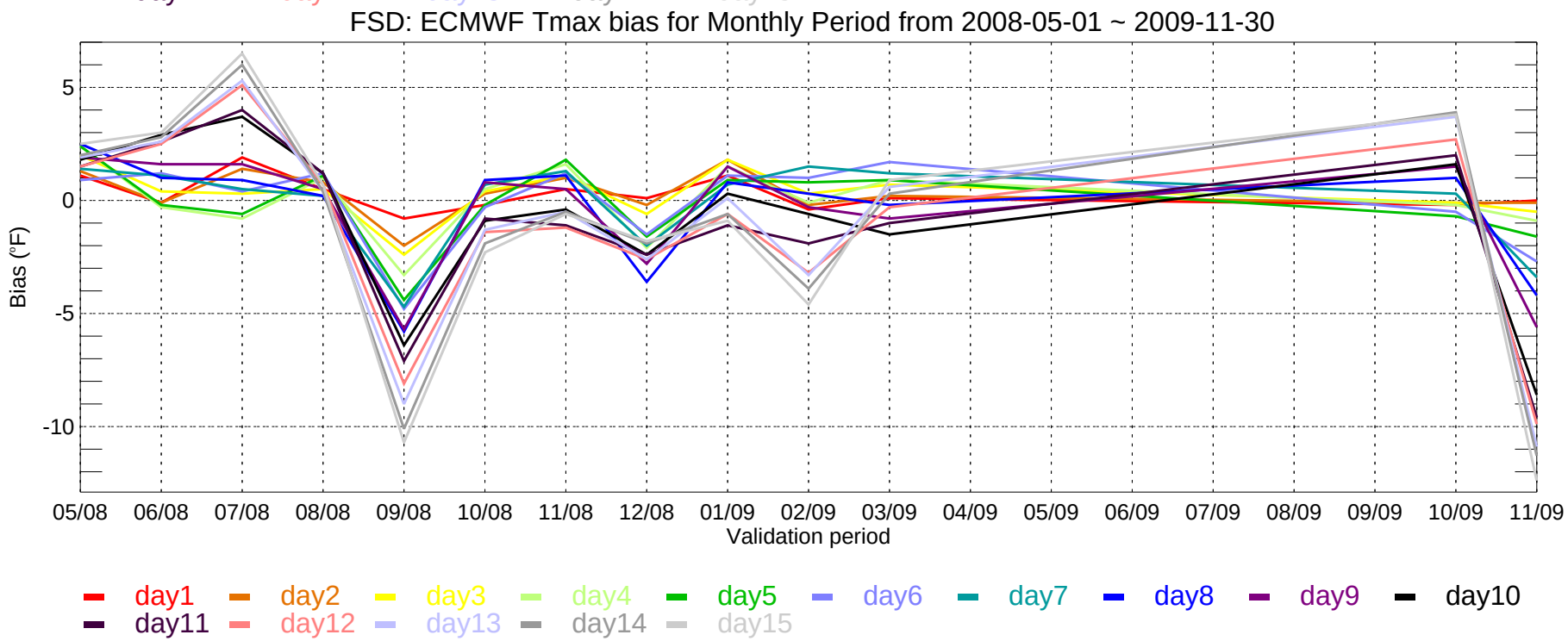
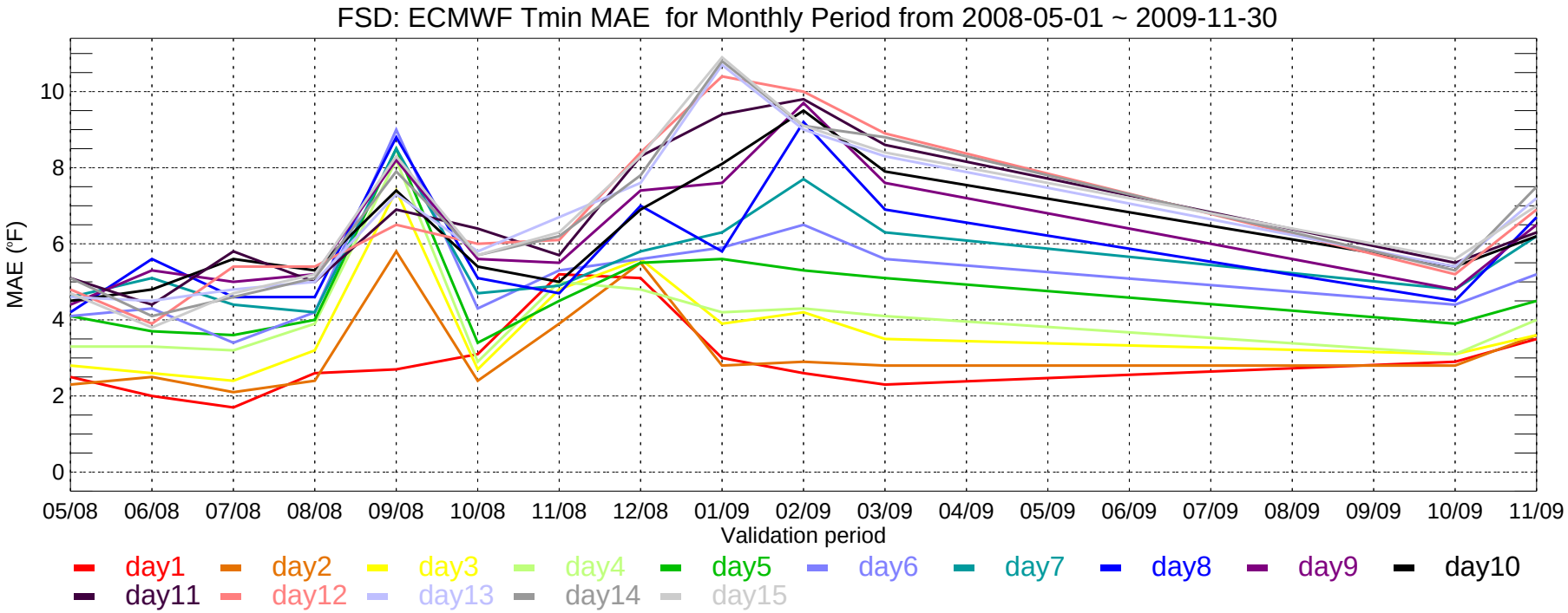
day11
day12
day13
day14
day15


FSD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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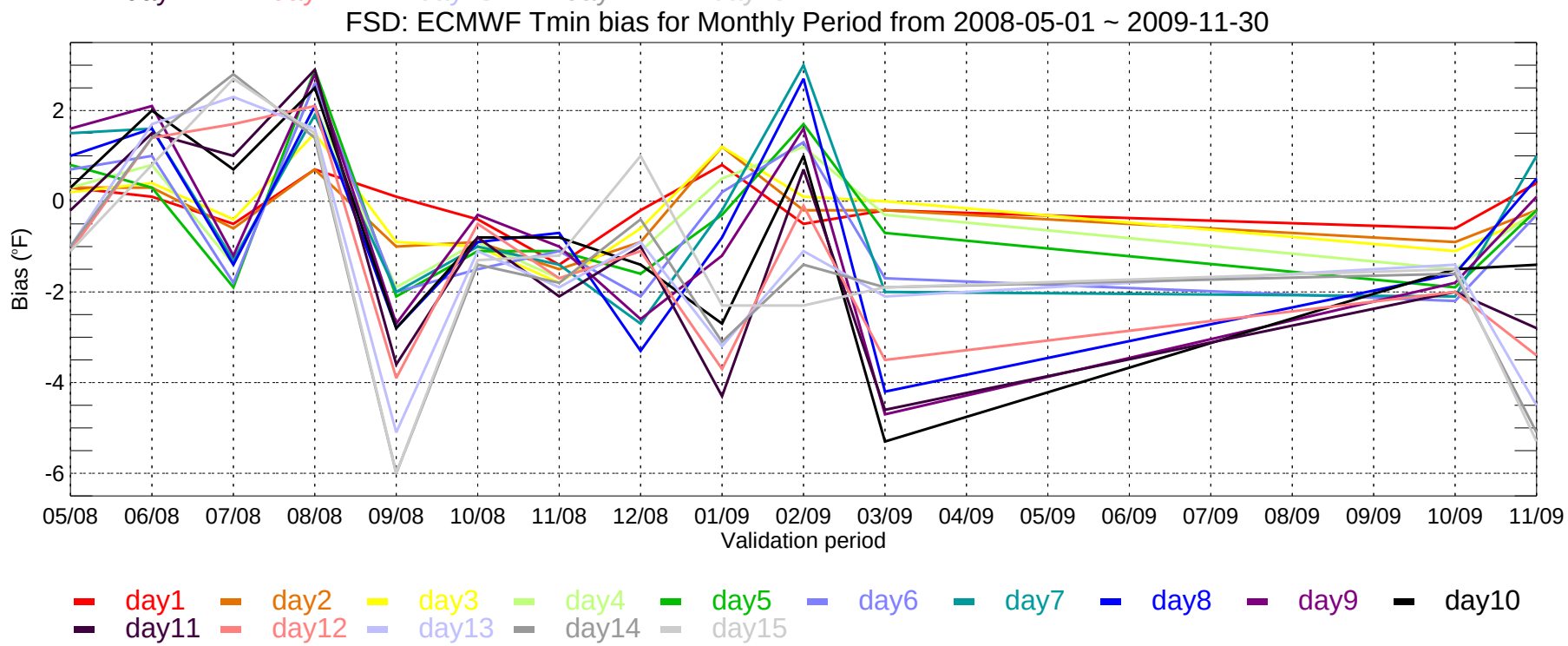
day10
day11
day12
day13
day14
day15


FSD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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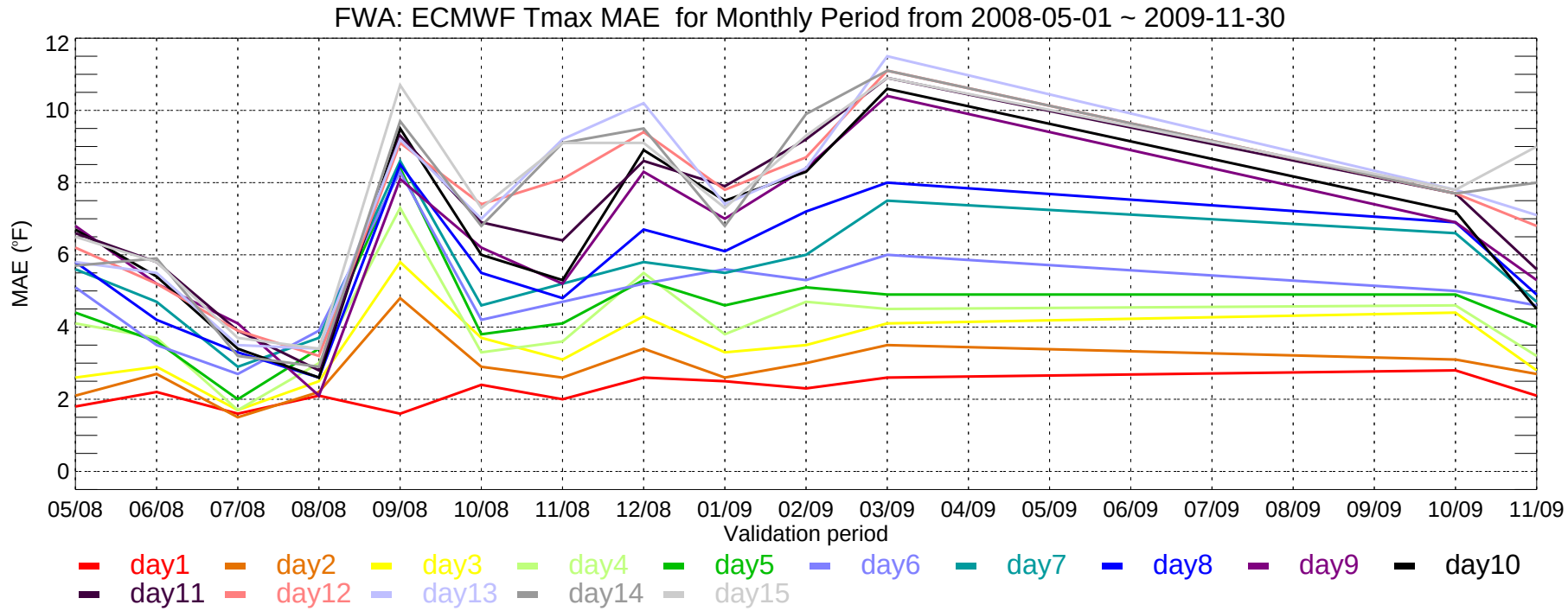
day10
day11
day12
day13
day14
day15


FWA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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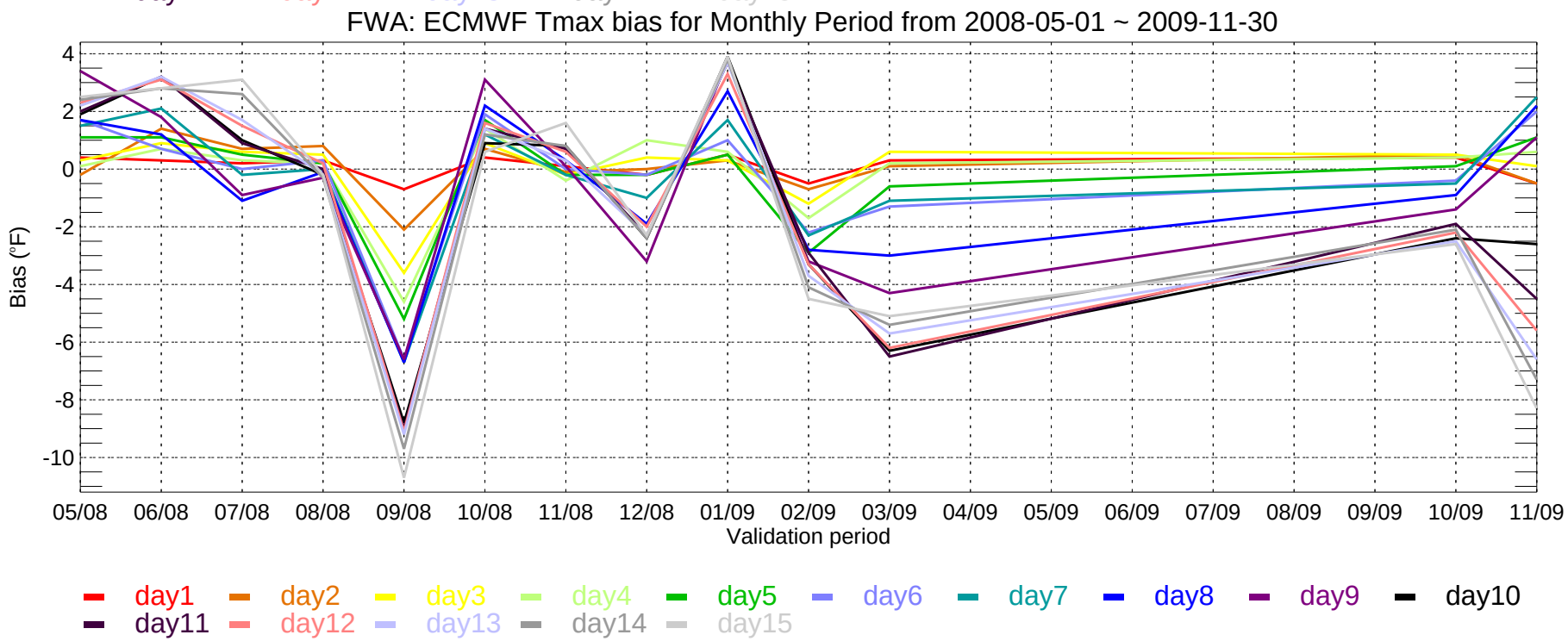
day11
day12
day13
day14
day15


FWA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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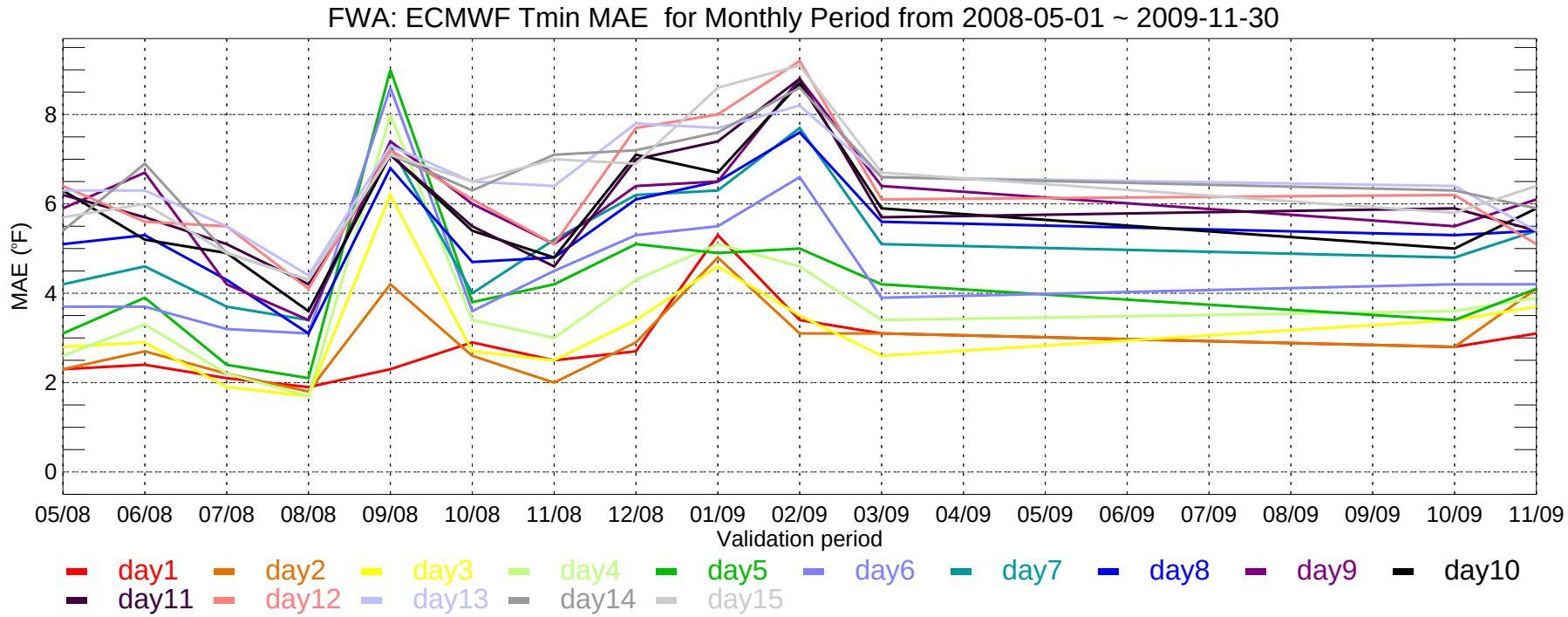
day11
day12
day13
day14
day15


FWA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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day11
day12
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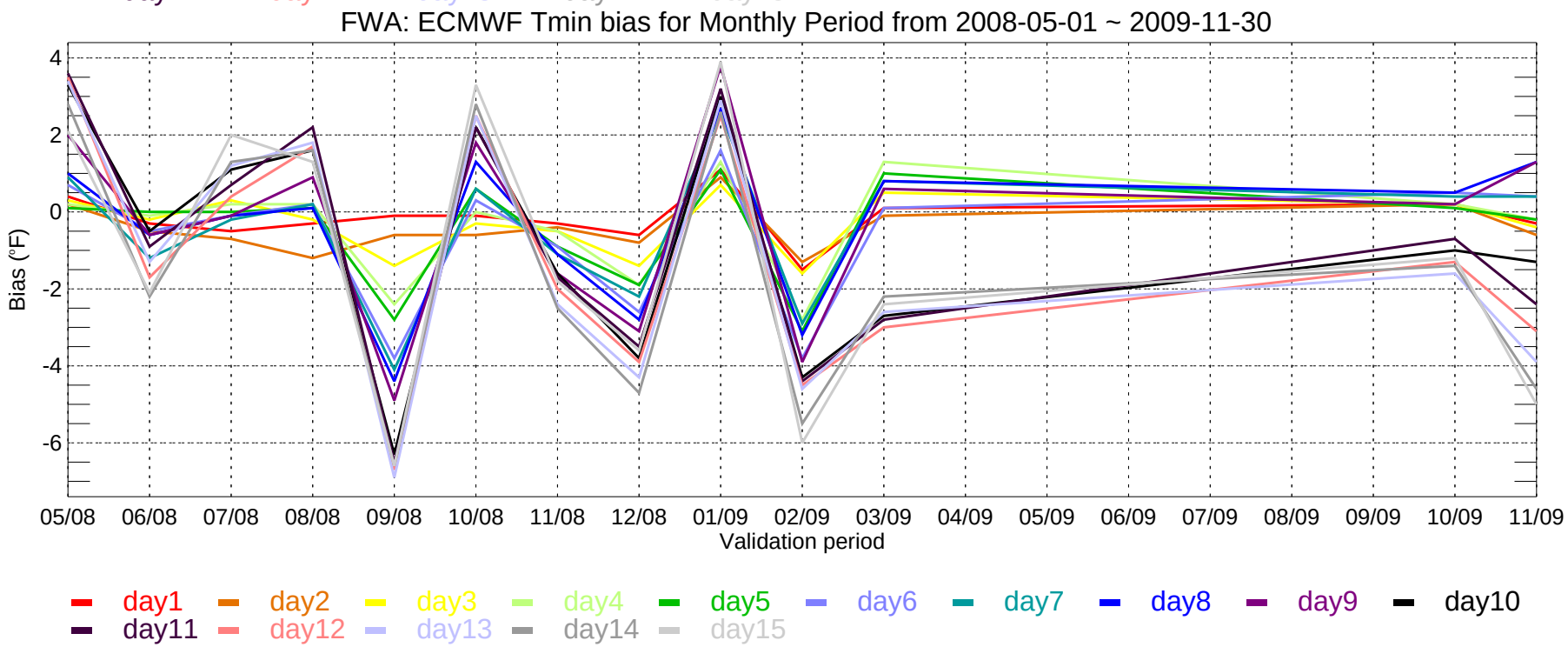
day14
day15


FWA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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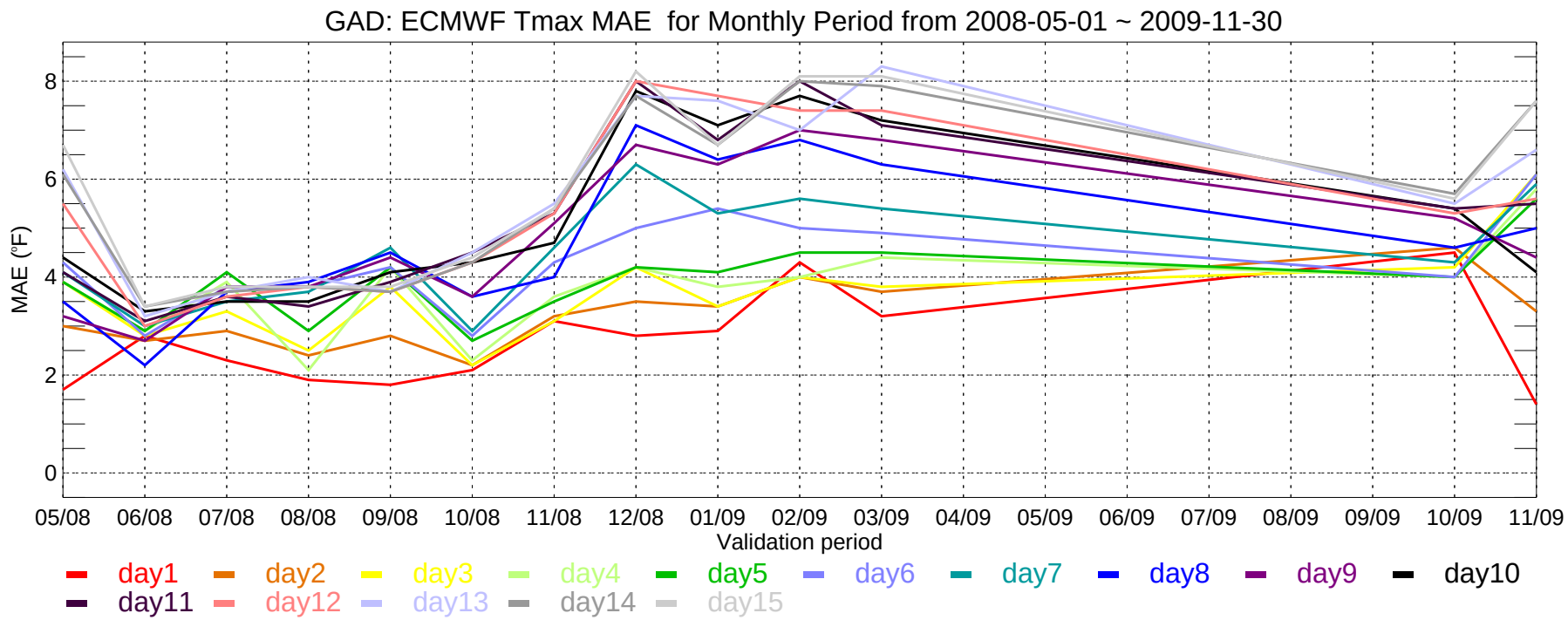
day14
day15


GAD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
day11
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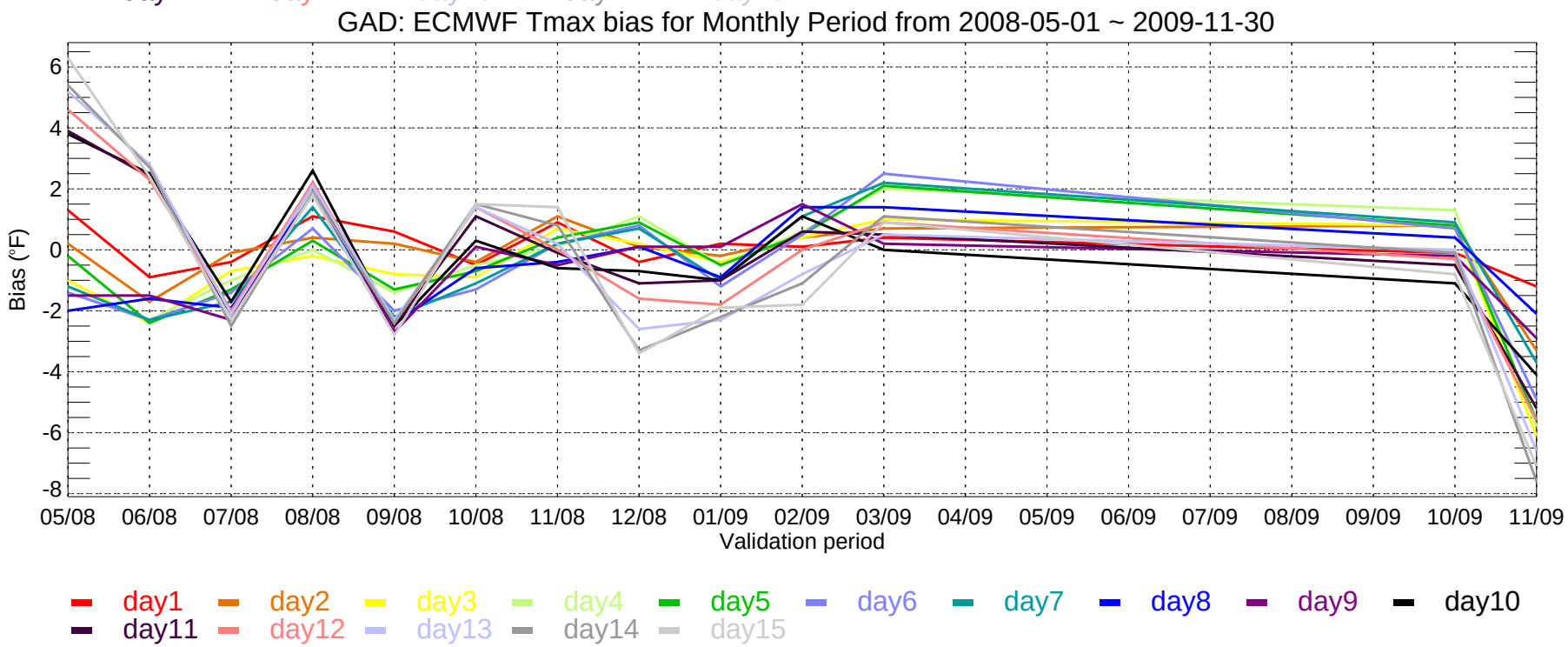
day13
day14
day15


GAD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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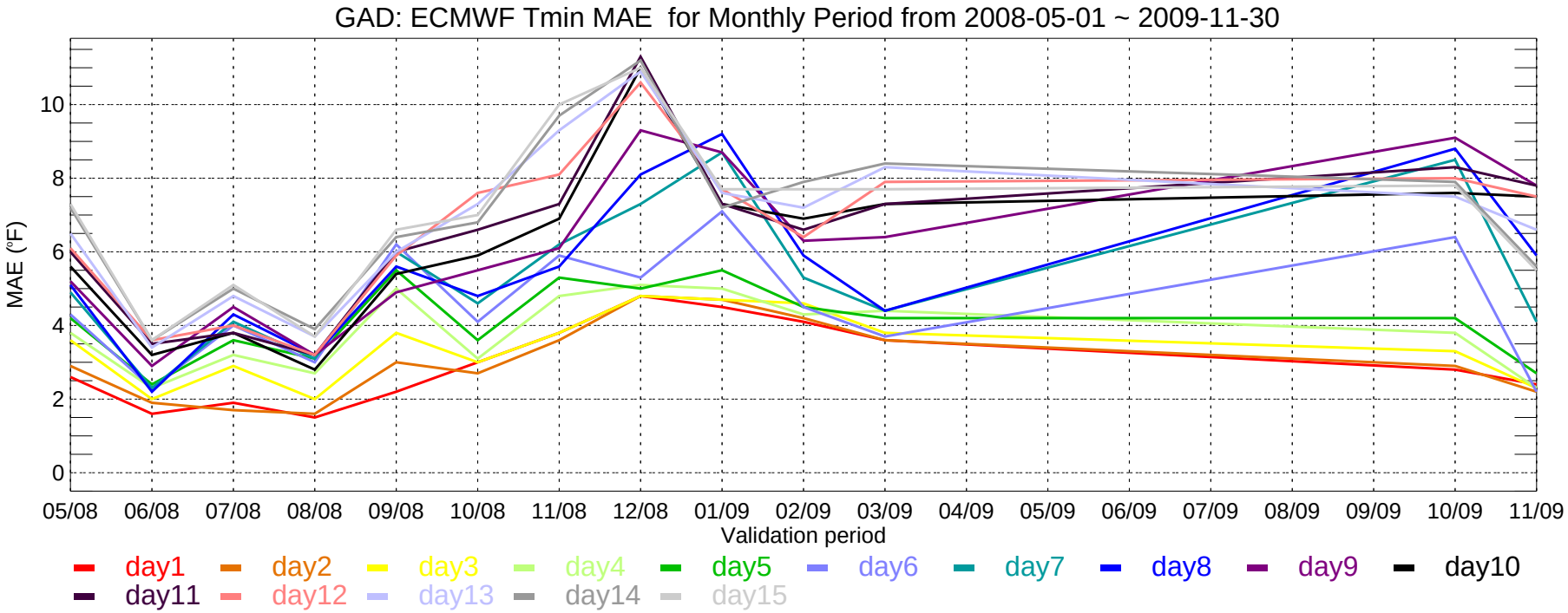
day10
day11
day12
day13
day14
day15


GAD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
day4
day5
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day8
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day11
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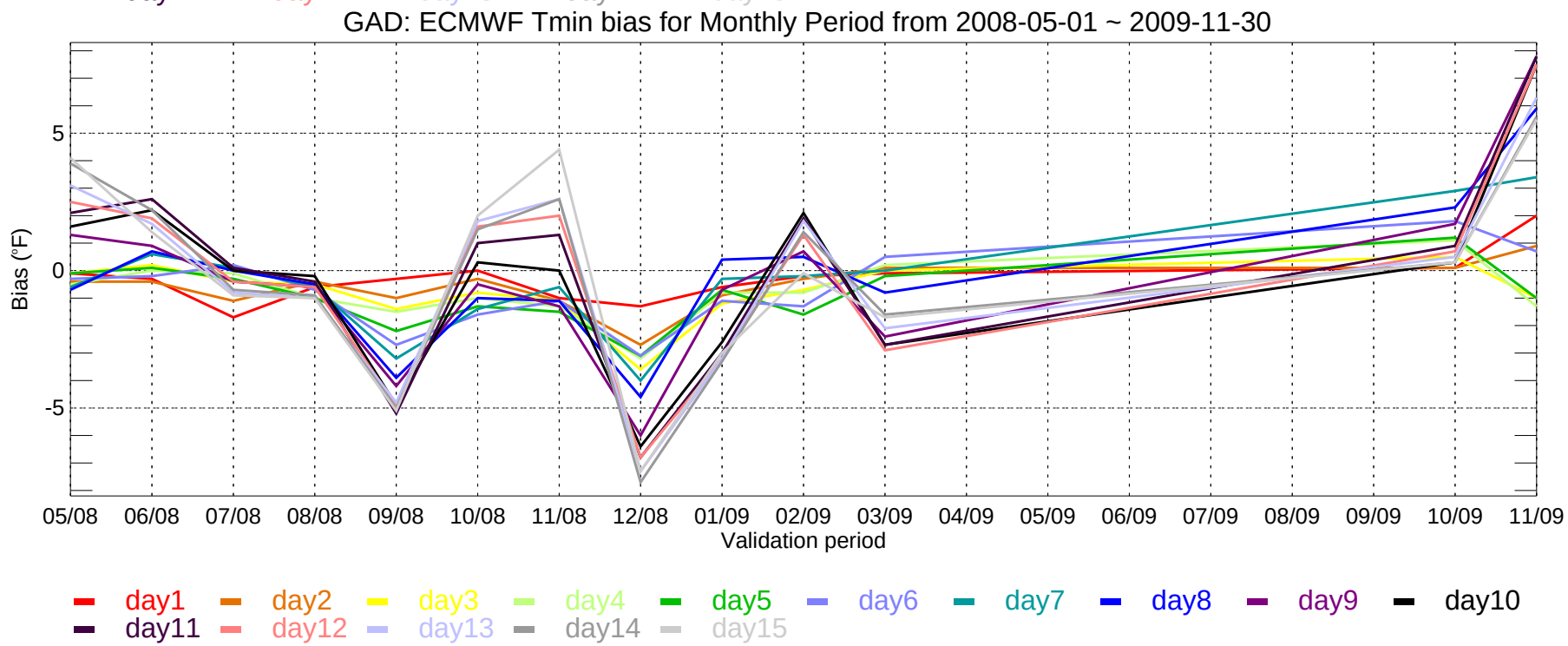
day14
day15


GAD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
day4
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day6
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day11
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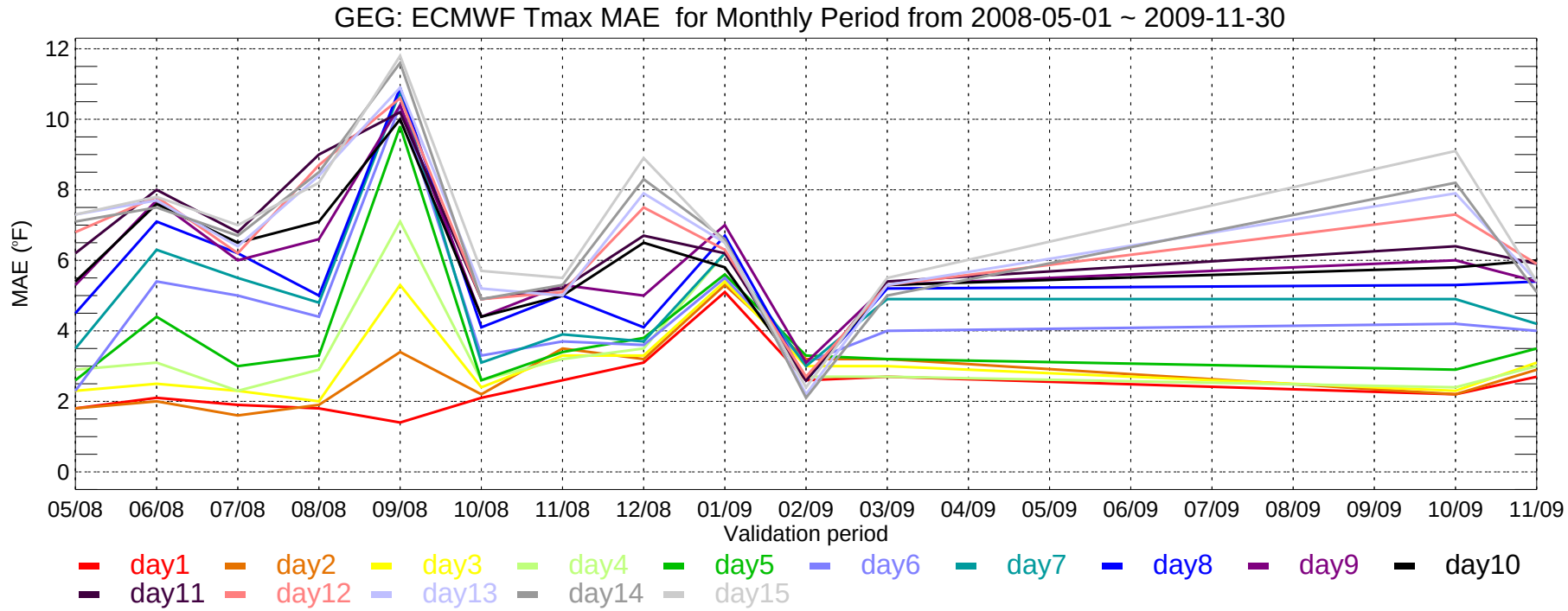
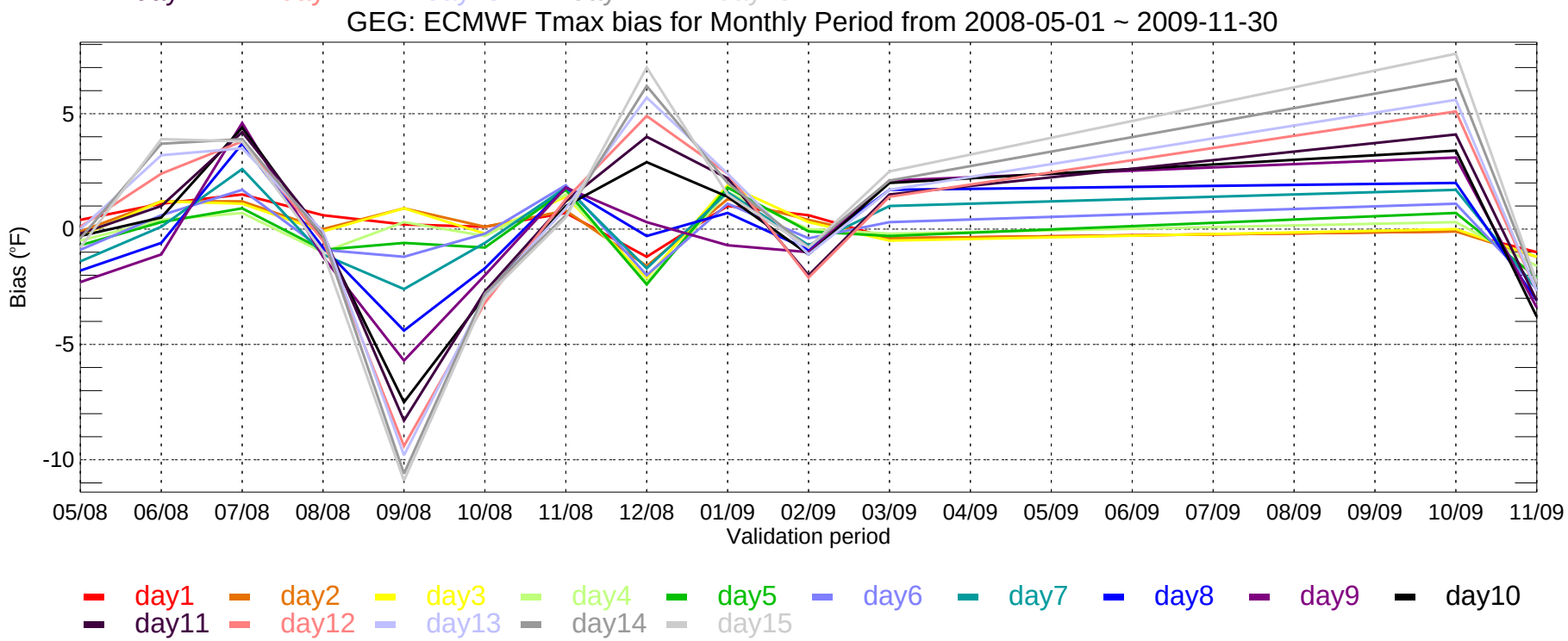
day13
day14
day15


GEG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
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day4
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day6
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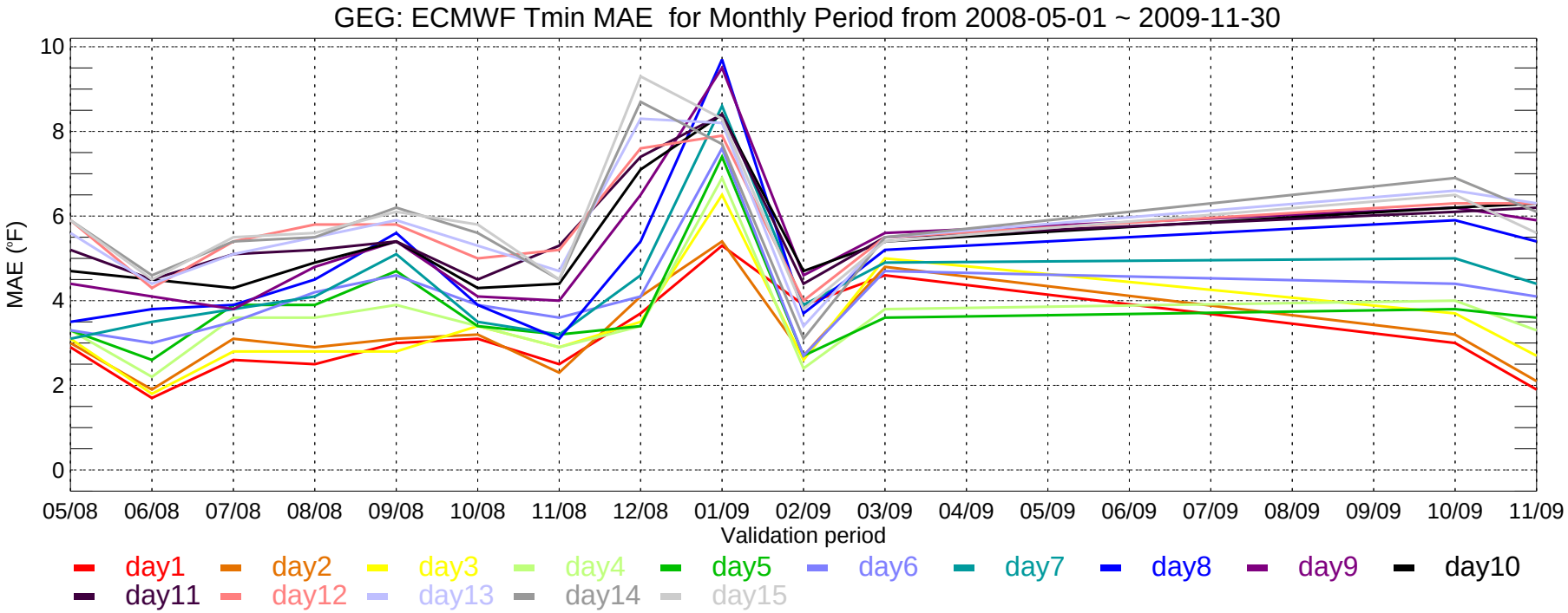
day11
day12
day13
day14
day15


GEG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
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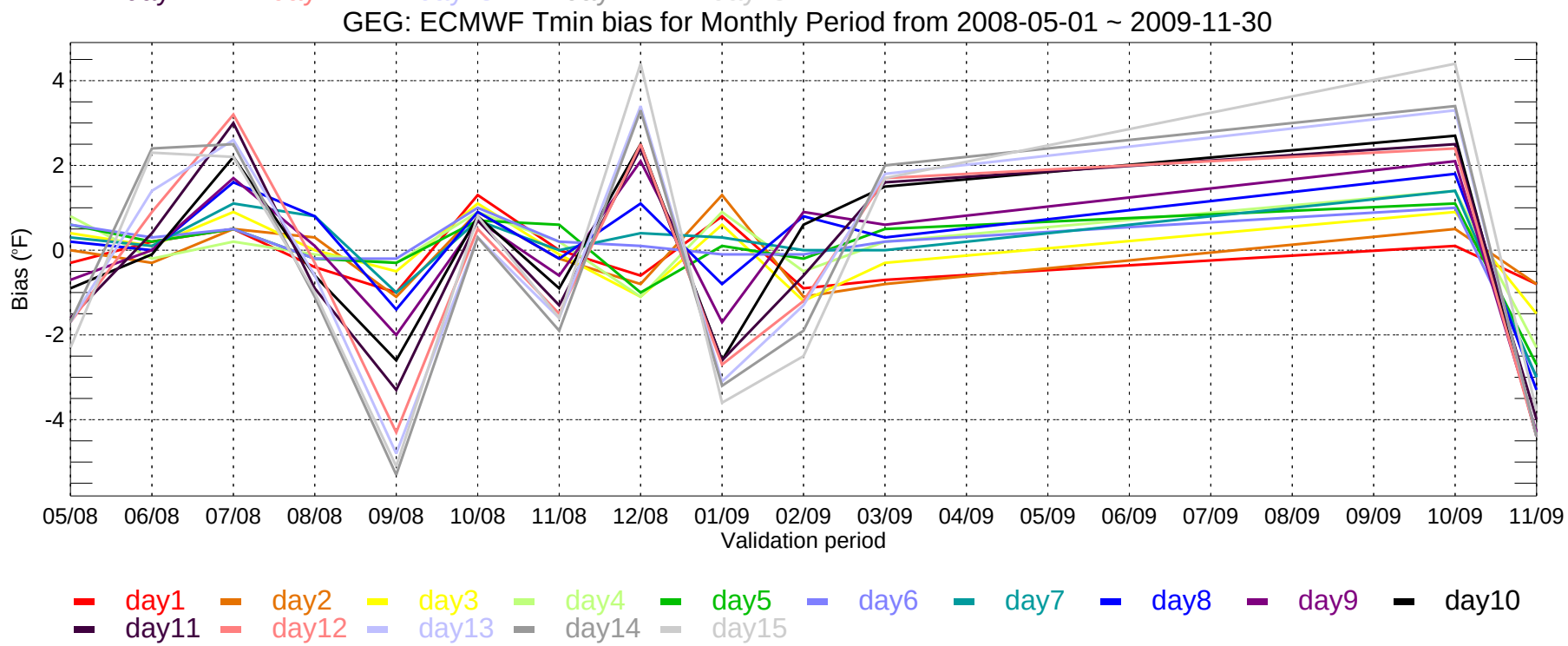
day14
day15


GEG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
day2
day3
day4
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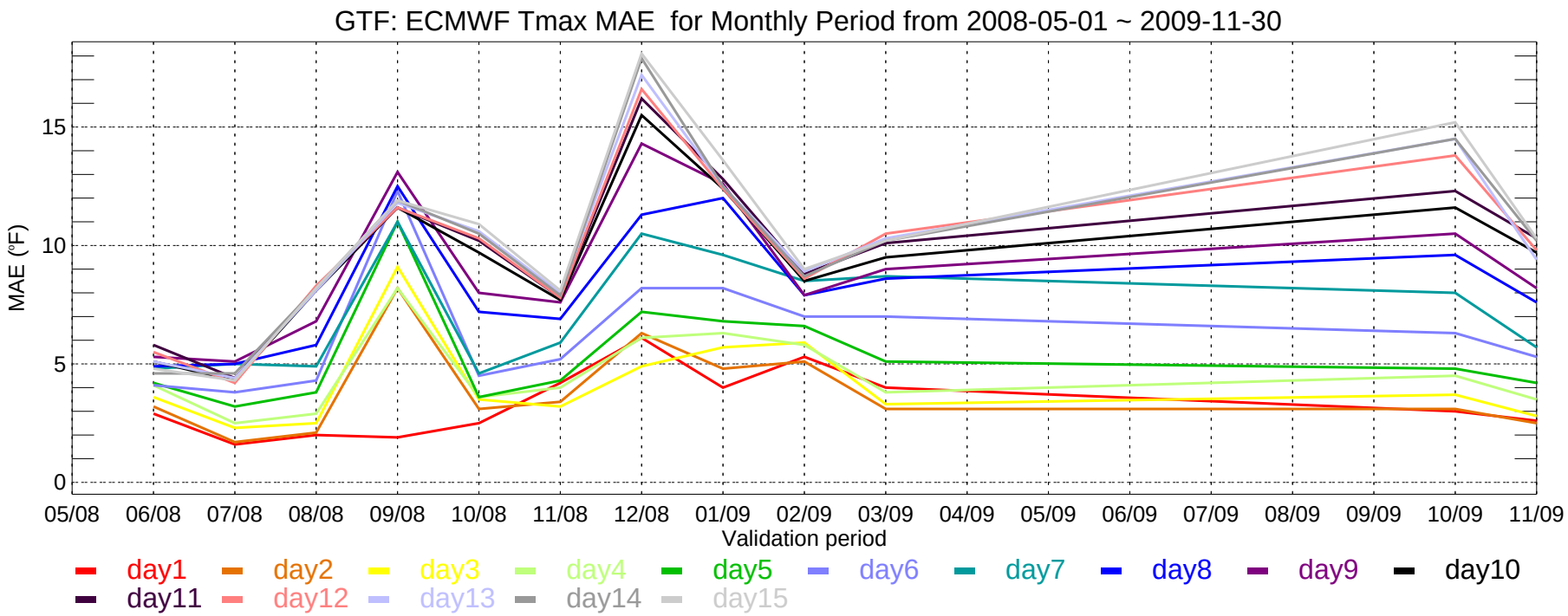
day14
day15


GTF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
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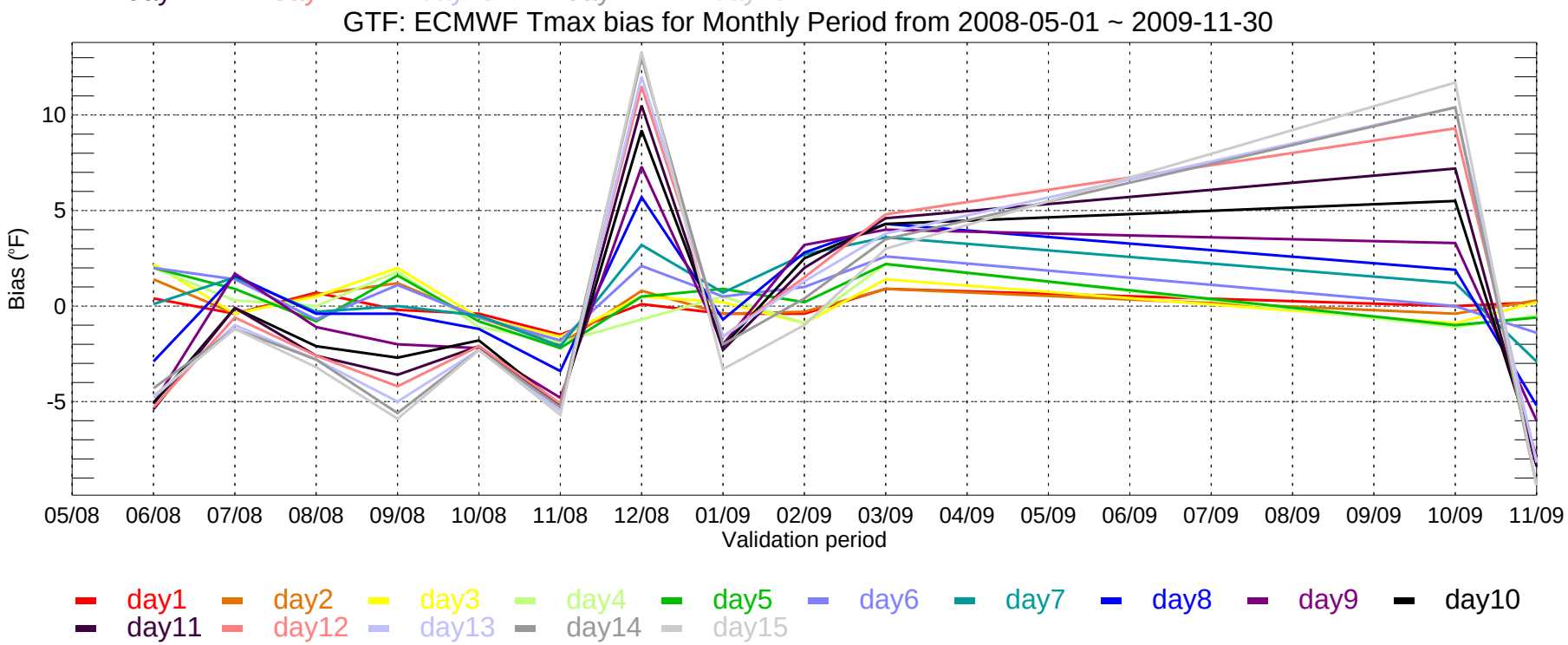
day14
day15


GTF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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07/09
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09/09
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11/09
Validation period
day1
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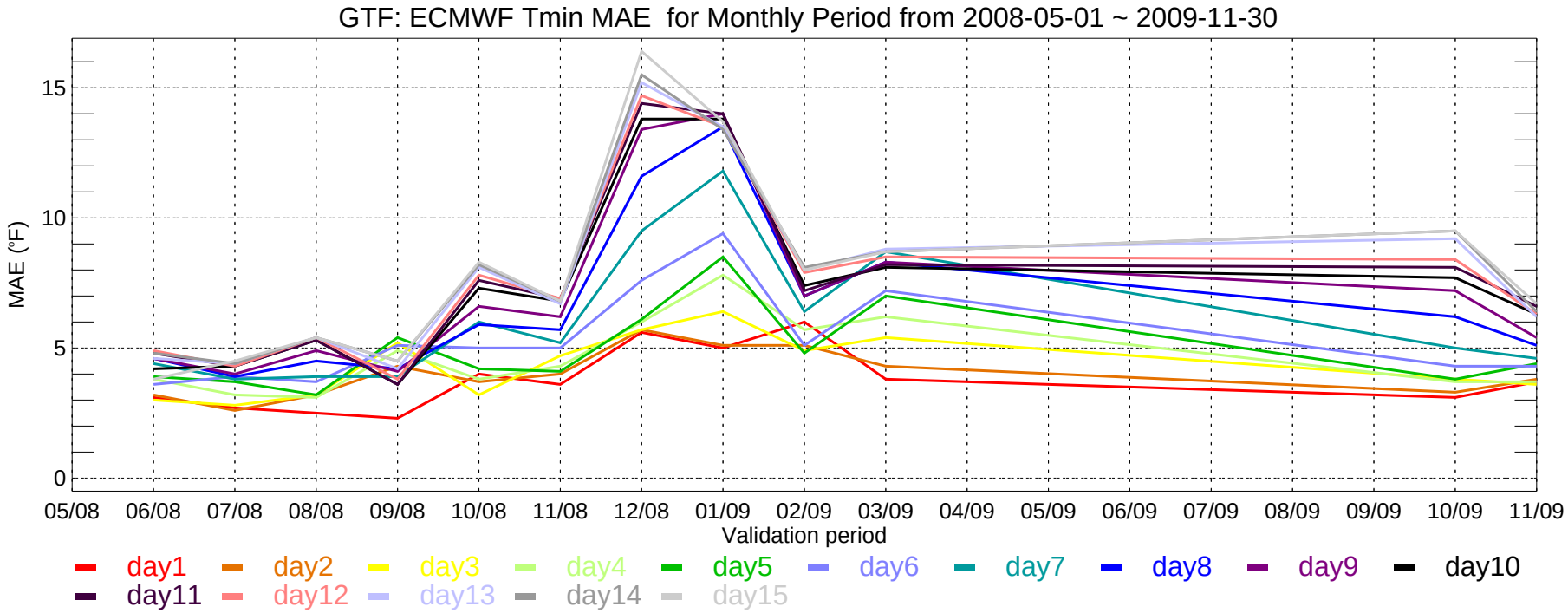
day15


GTF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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08/09
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11/09
Validation period
day1
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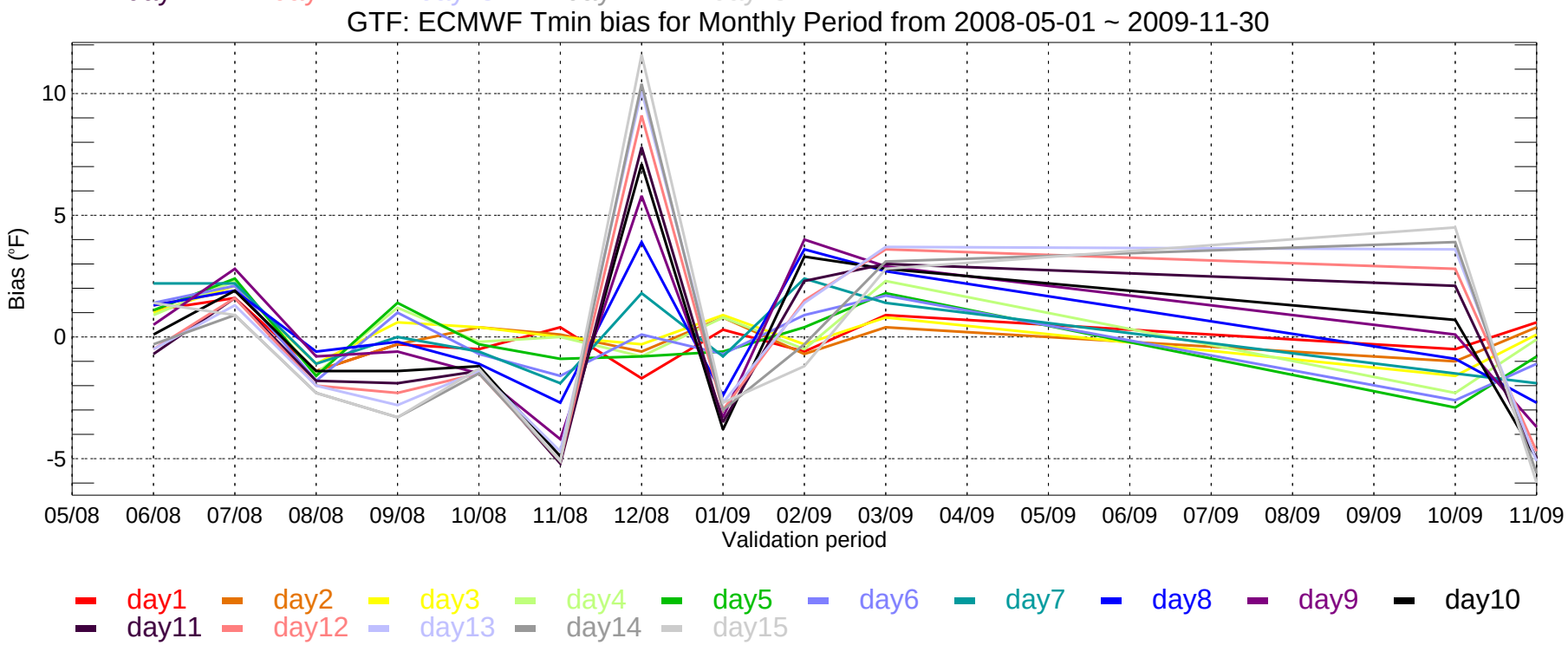
day14
day15


GTF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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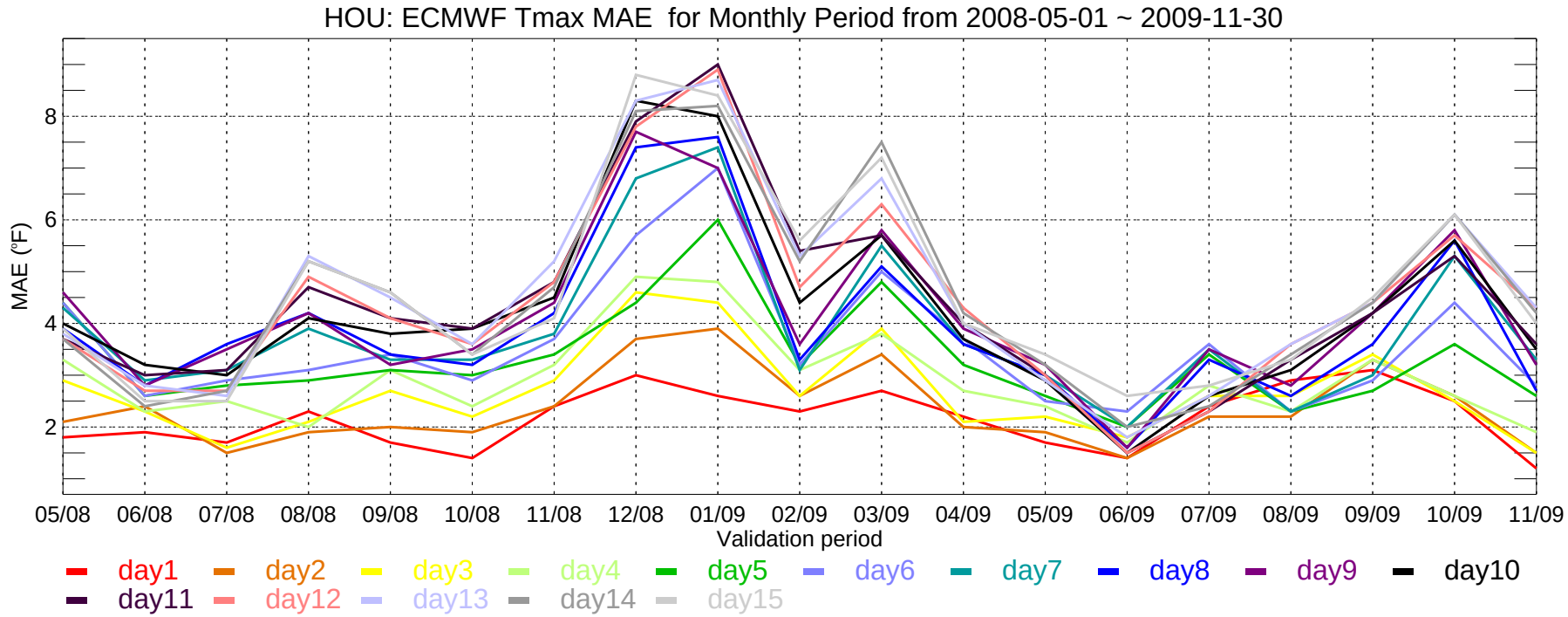
day15


HOU: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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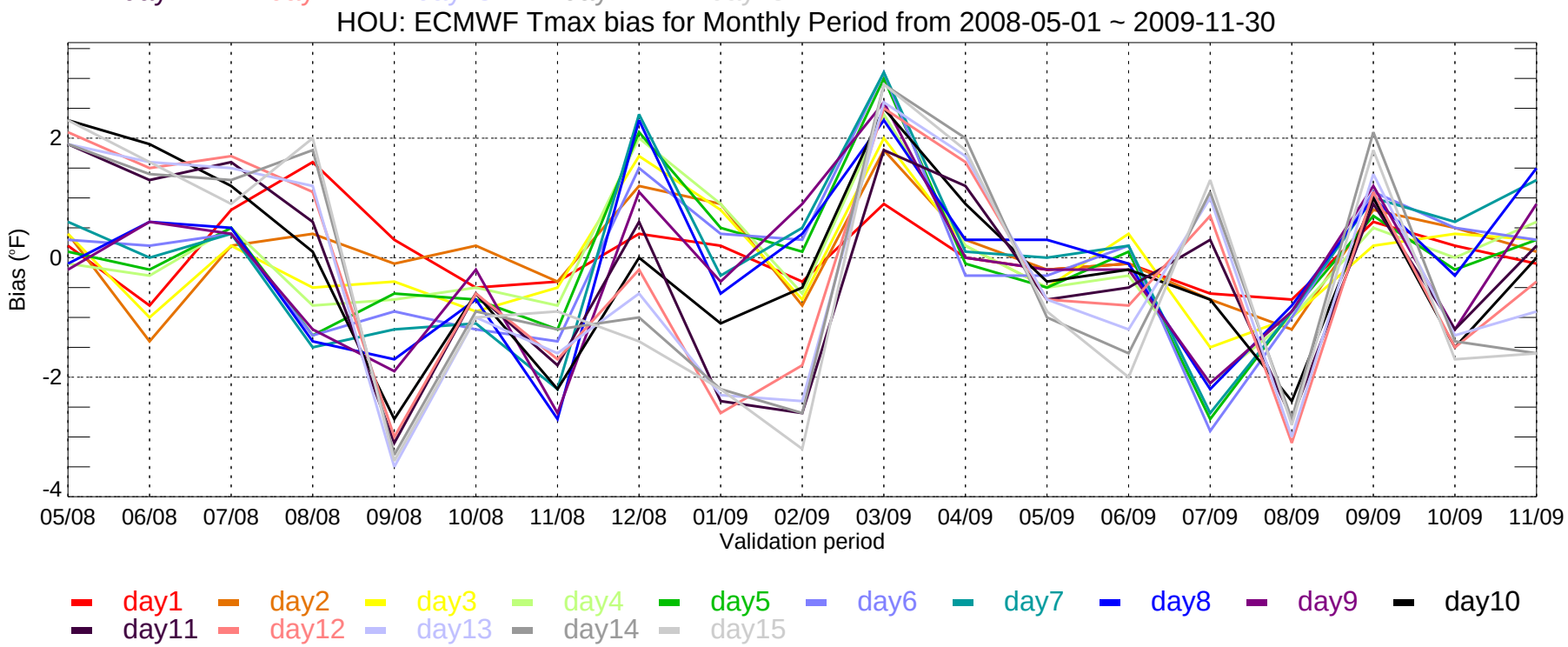
day15


HOU: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
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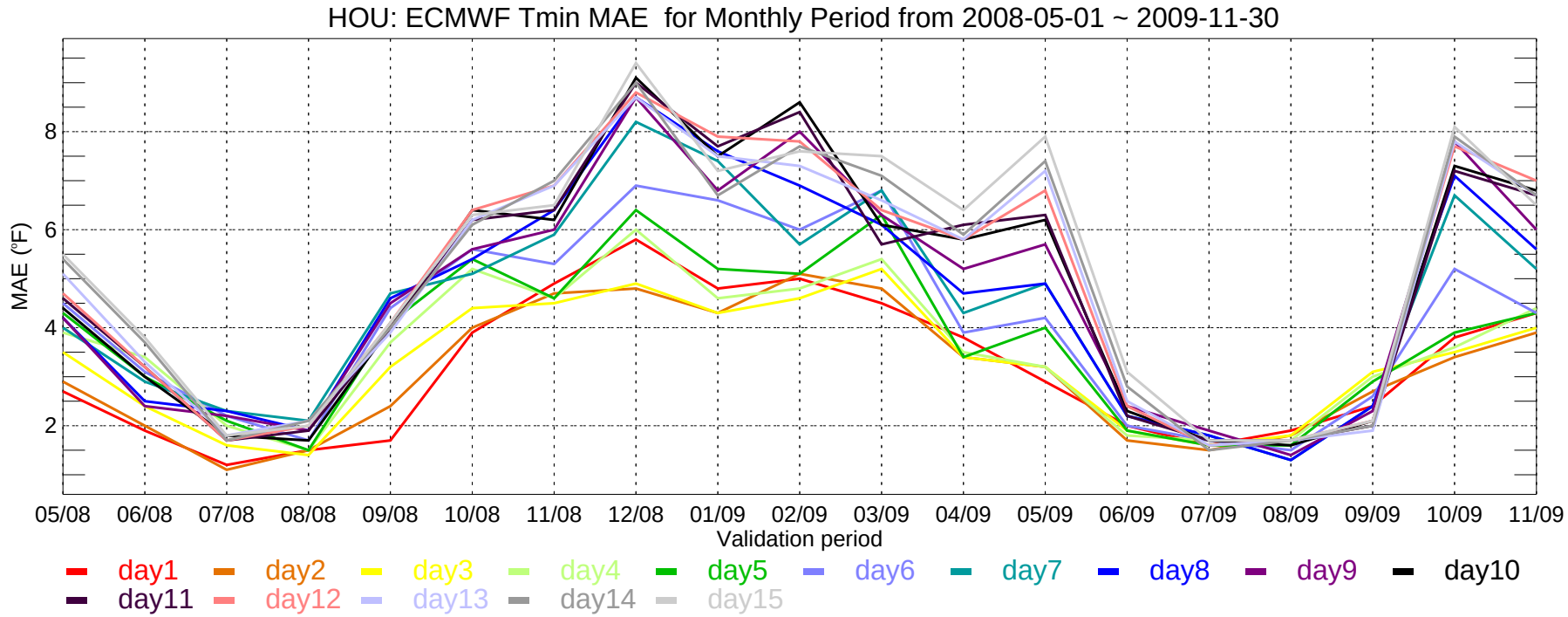
day14
day15


HOU: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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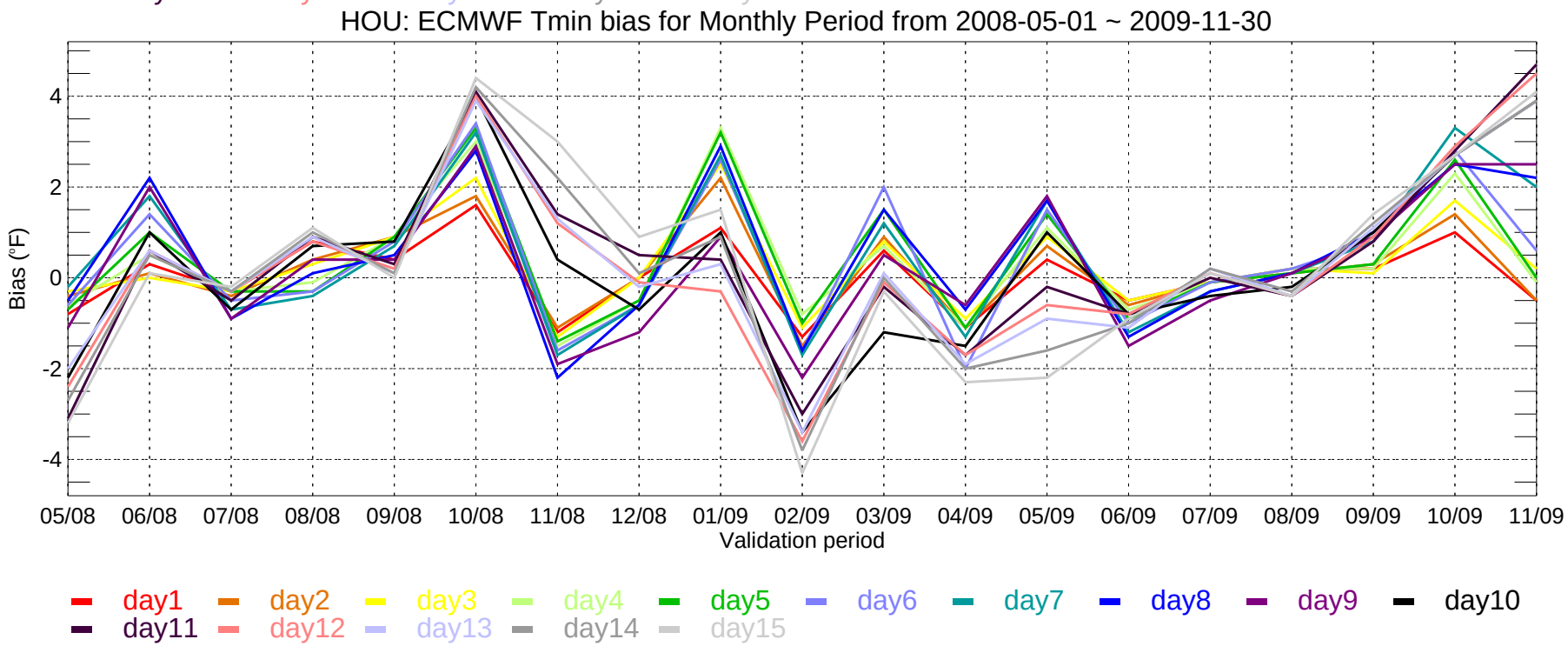
day15


HOU: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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05/09
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09/09
10/09
11/09
Validation period
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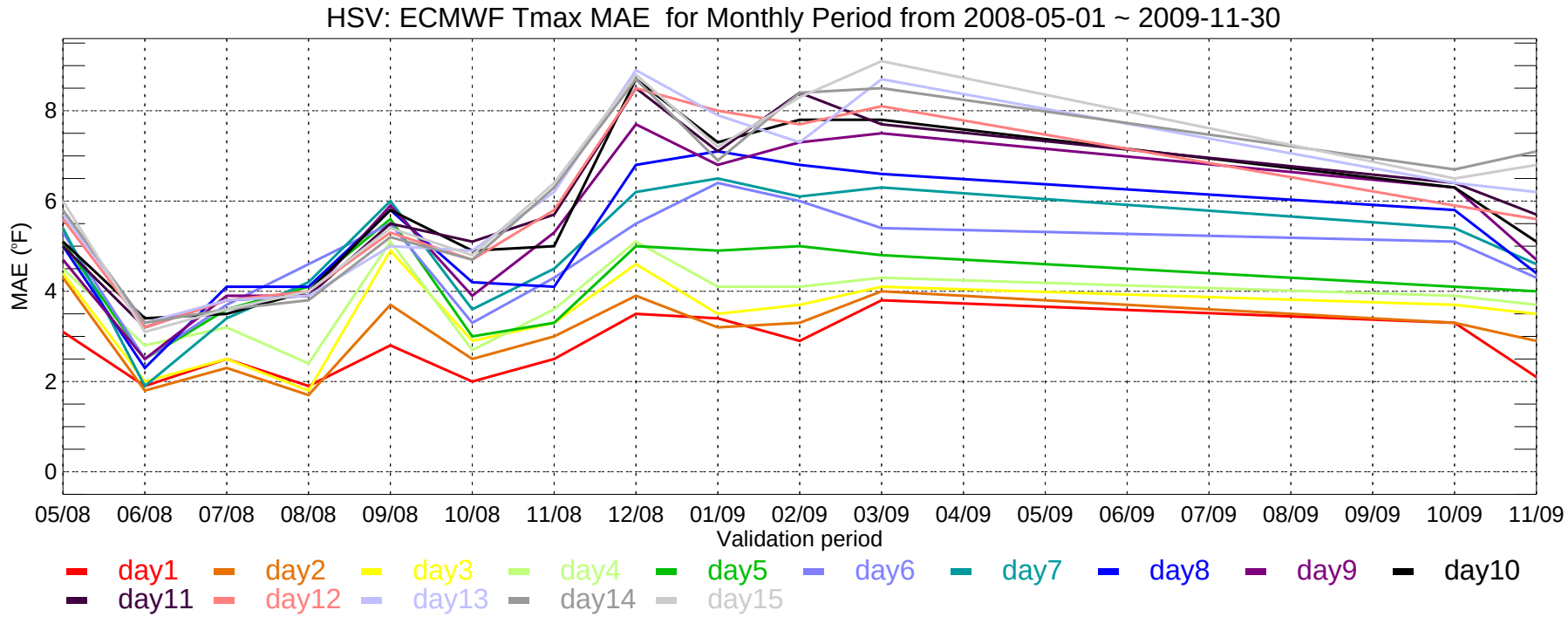
HSV: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
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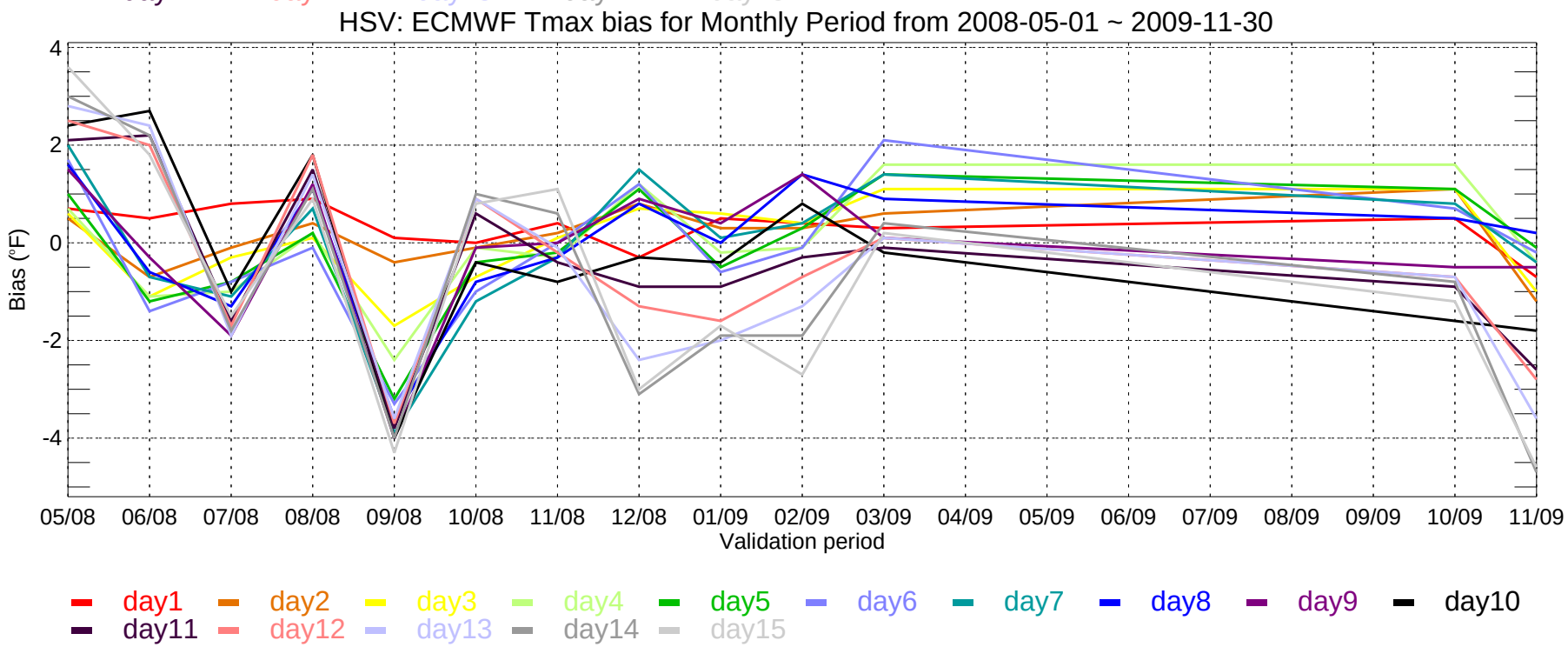
day15


HSV: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
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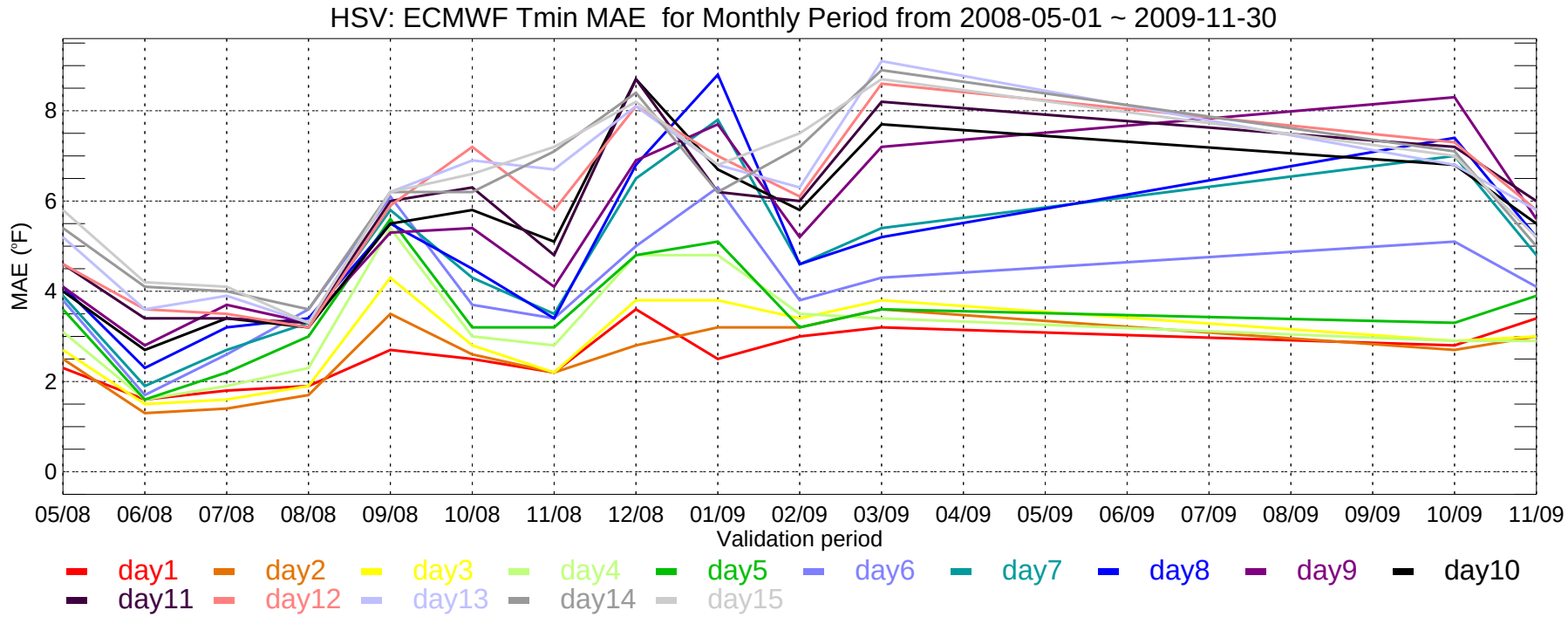
day14
day15


HSV: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
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05/08
06/08
07/08
08/08
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12/08
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10/09
11/09
Validation period
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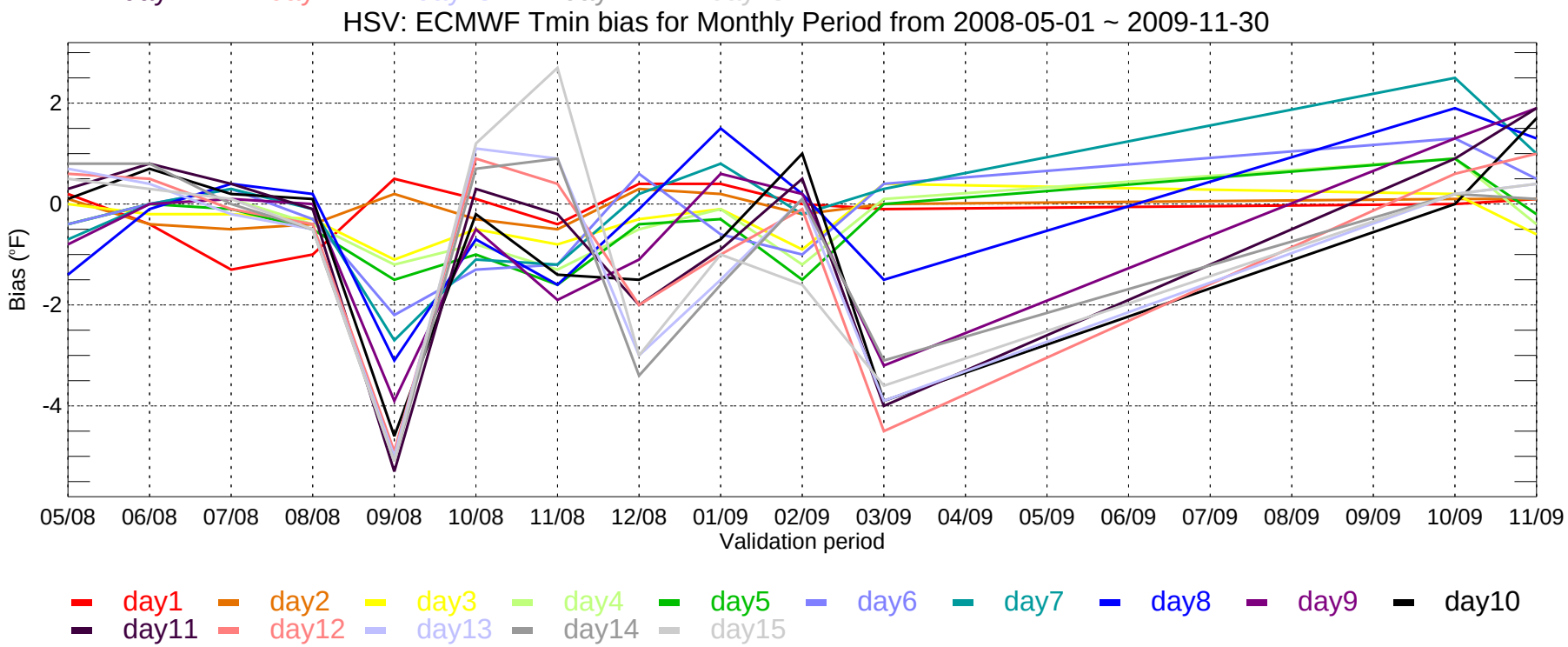
HSV: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
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-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
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12/08
01/09
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11/09
Validation period
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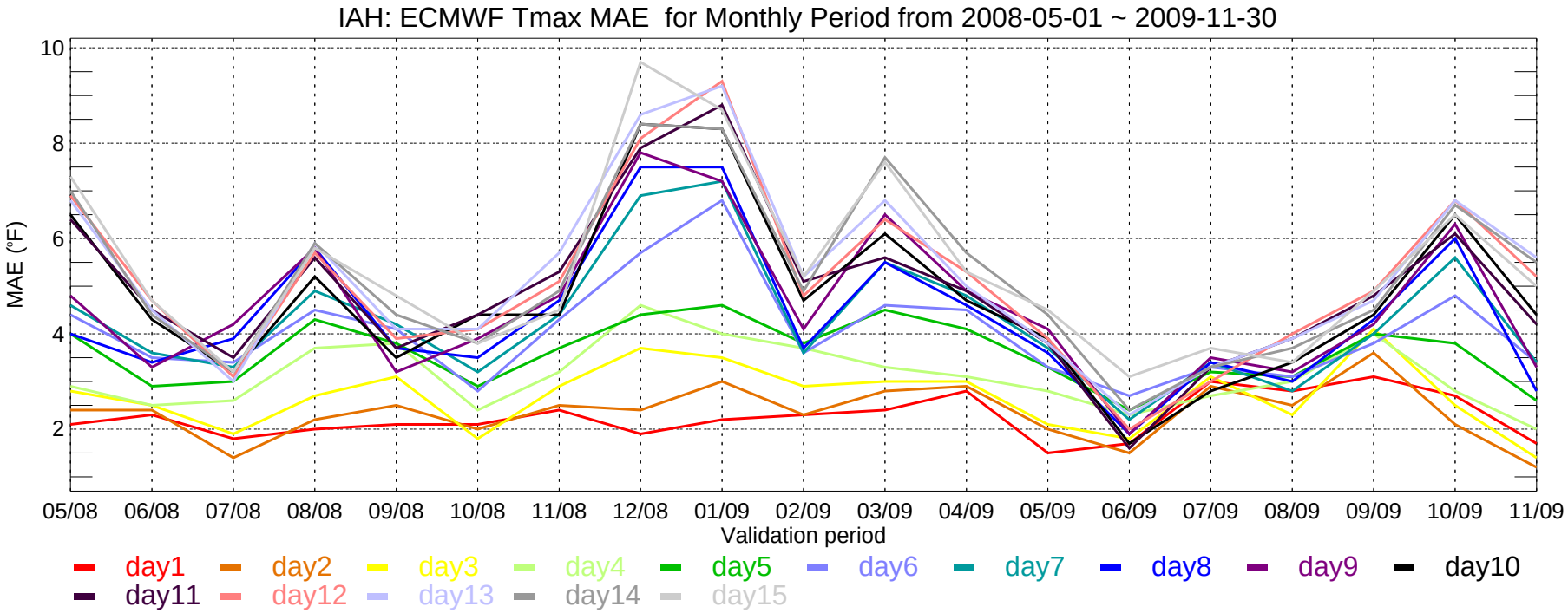
IAH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
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4
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
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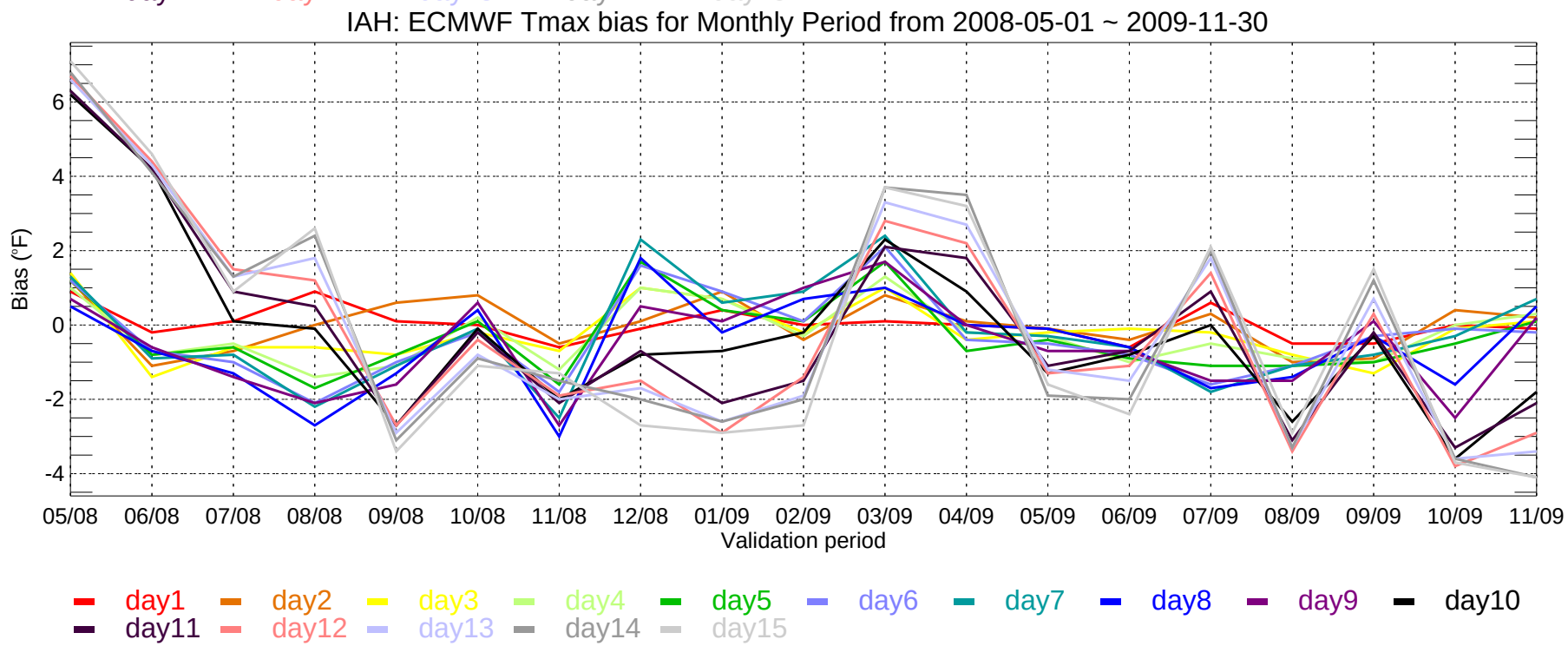
IAH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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04/09
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11/09
Validation period
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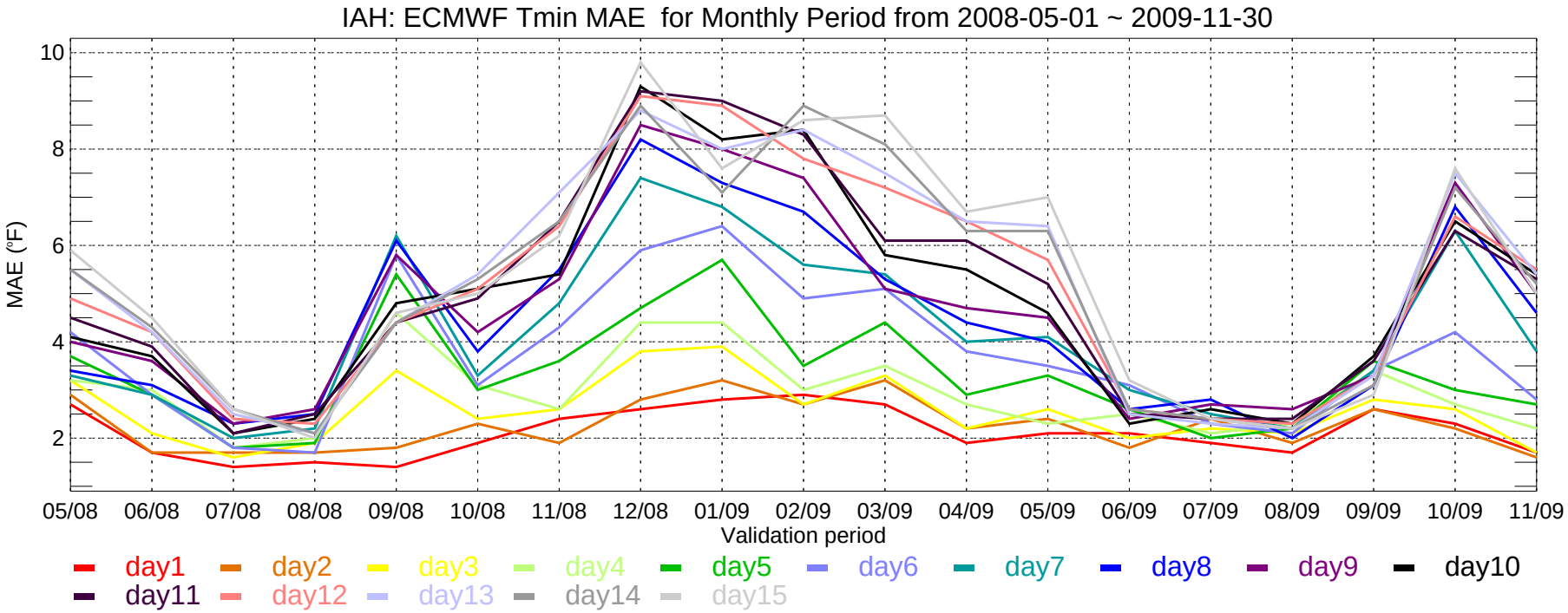
IAH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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05/09
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11/09
Validation period
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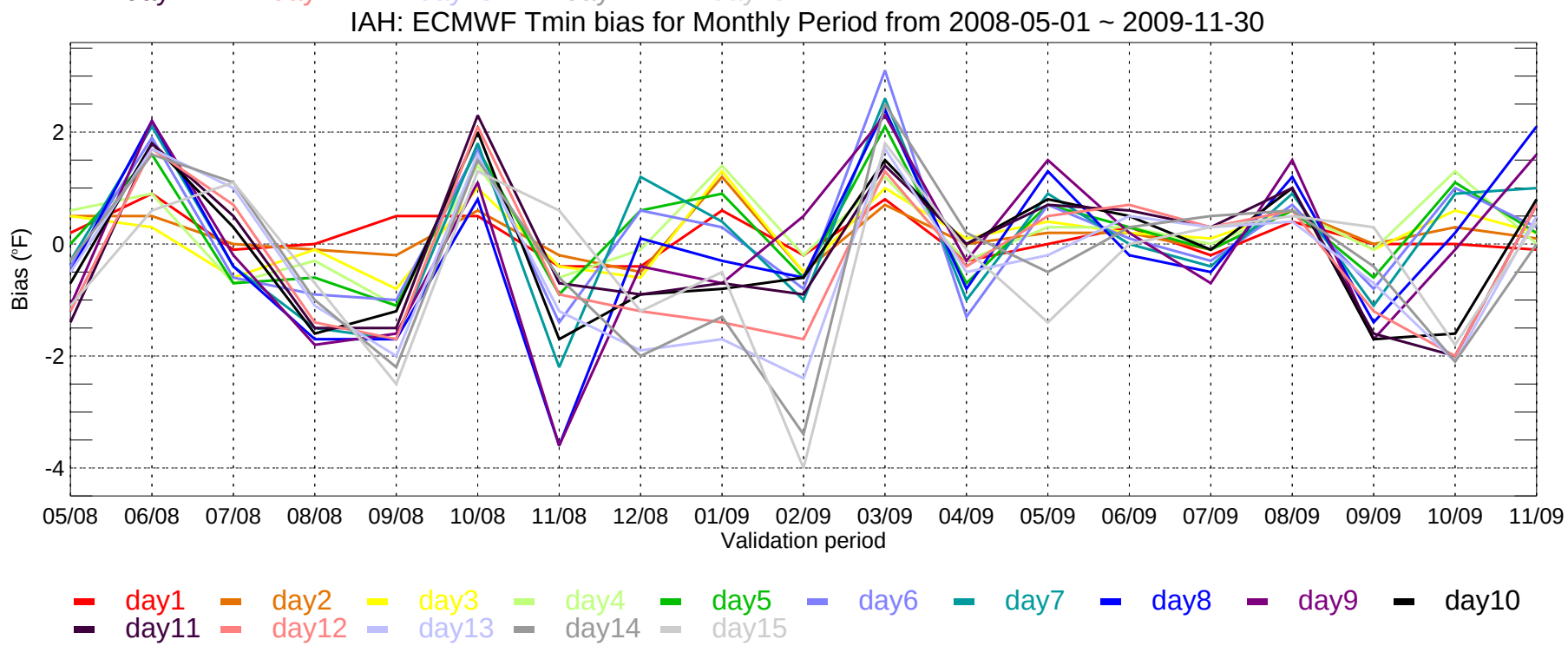
IAH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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11/09
Validation period
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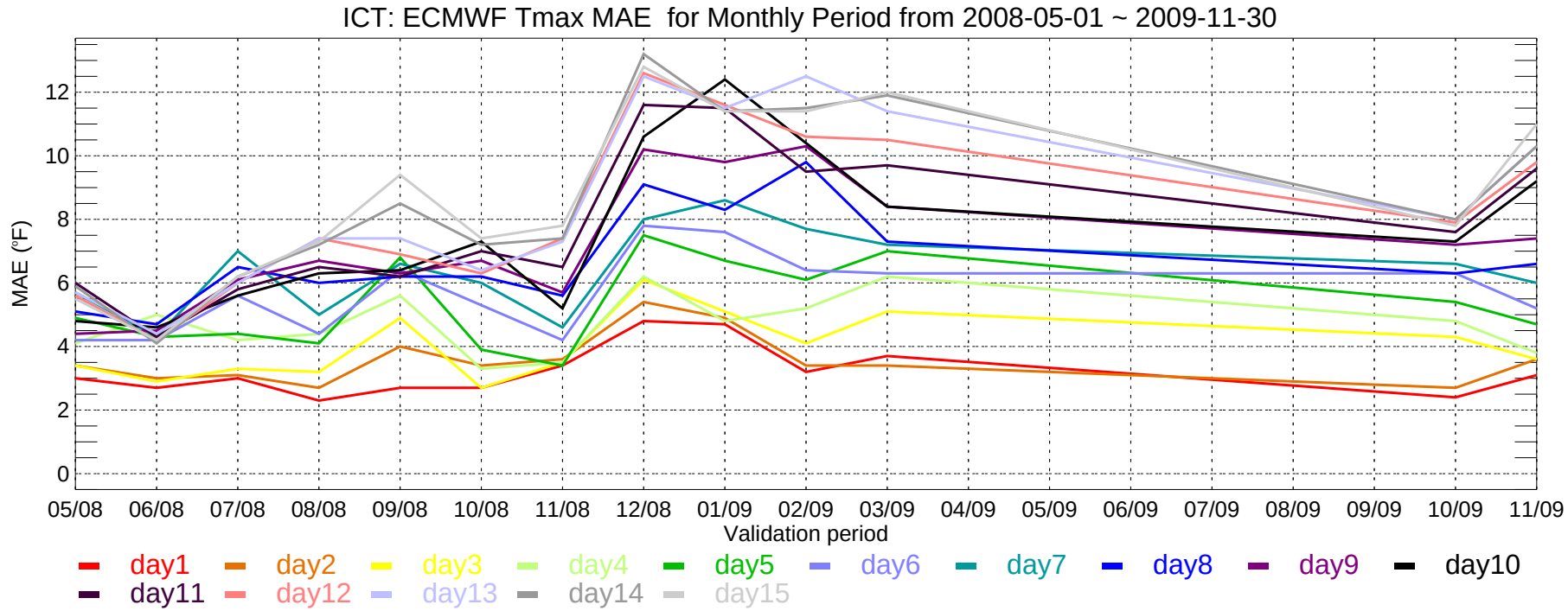
ICT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
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10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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11/09
Validation period
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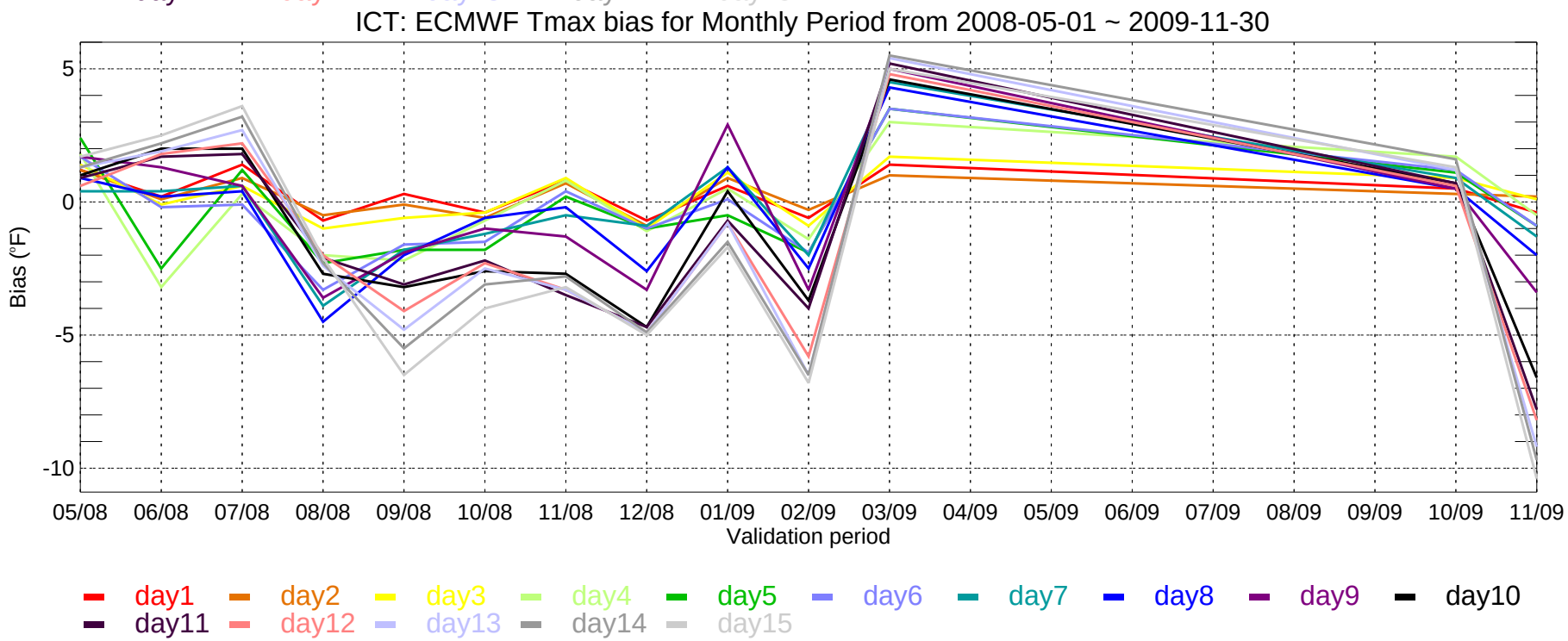
ICT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
5
0
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-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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11/09
Validation period
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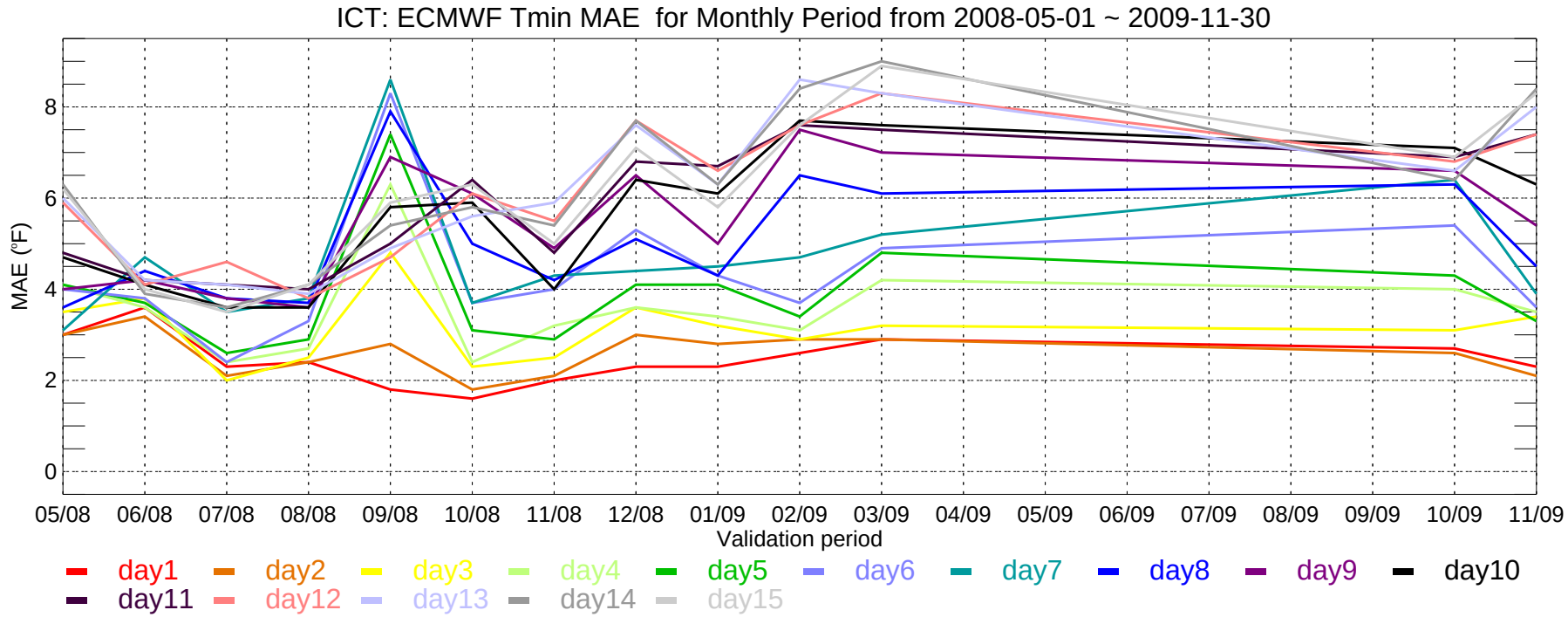
ICT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
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05/08
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07/08
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09/08
10/08
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12/08
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02/09
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11/09
Validation period
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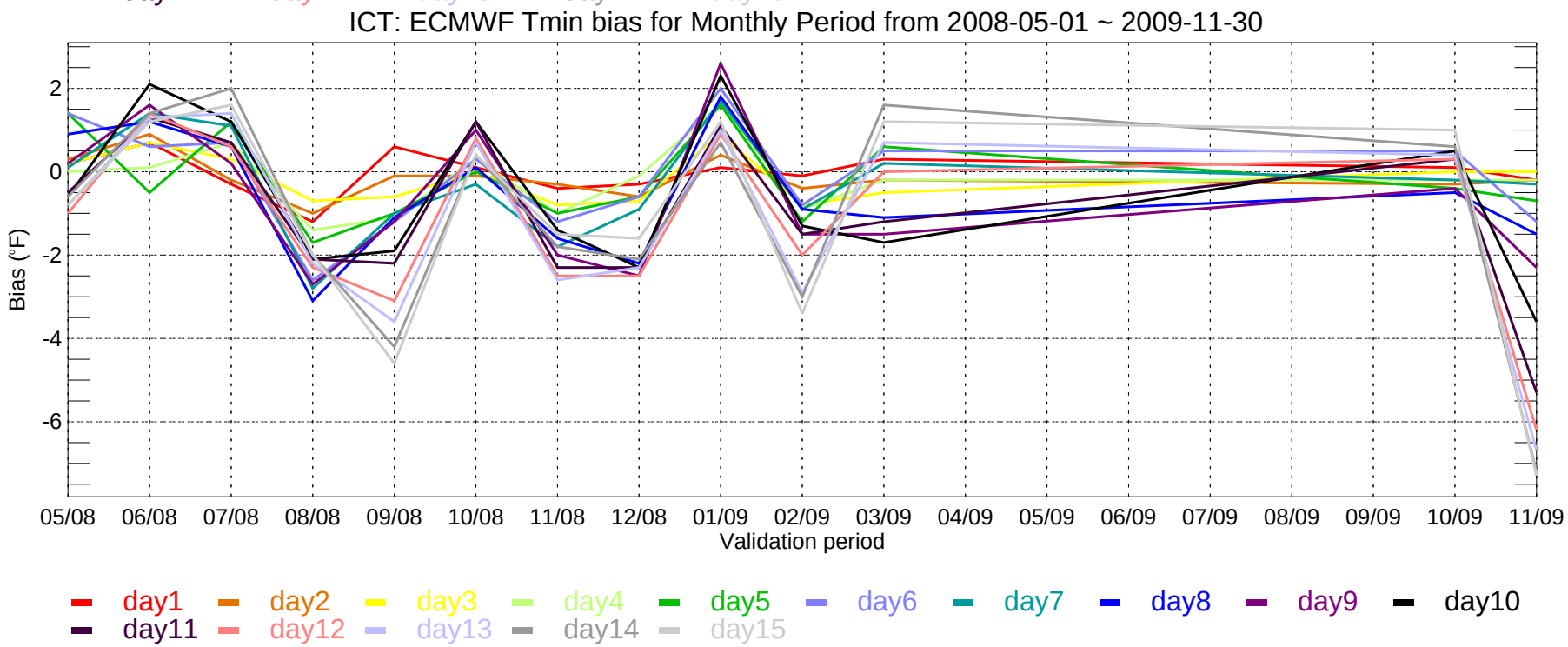
ICT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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11/09
Validation period
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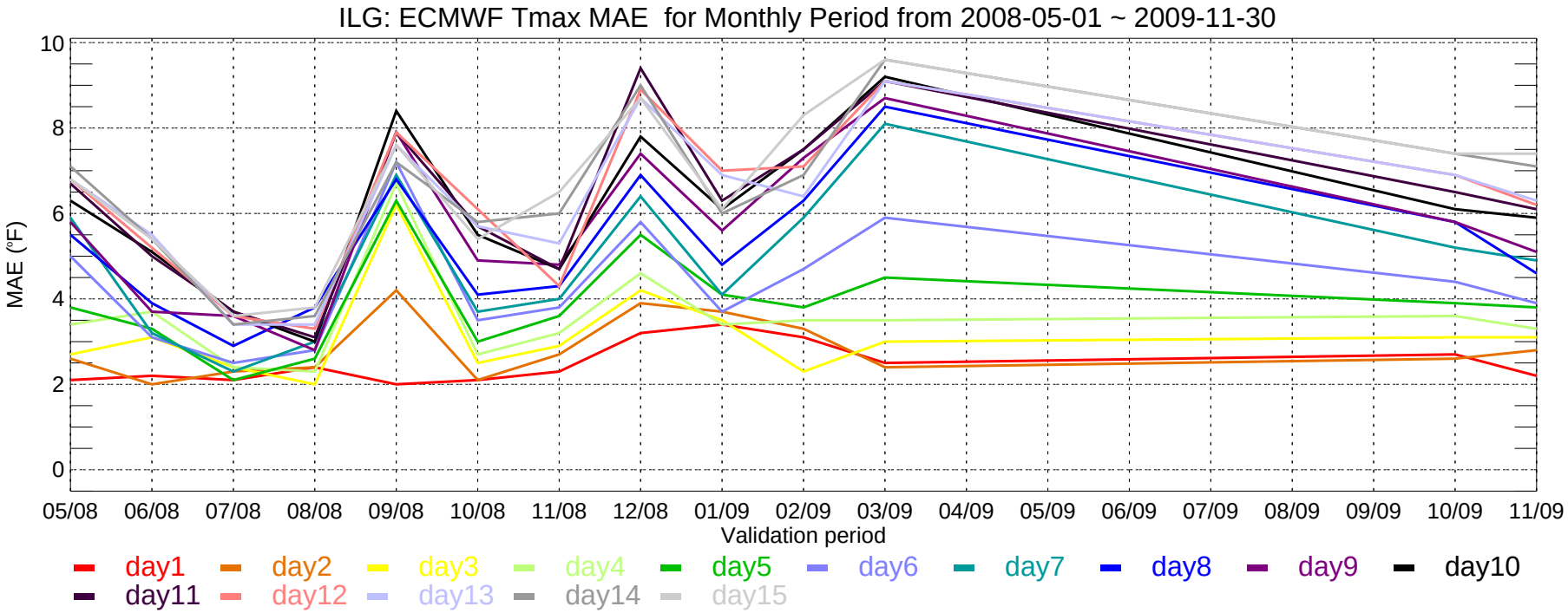
ILG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
11/09
Validation period
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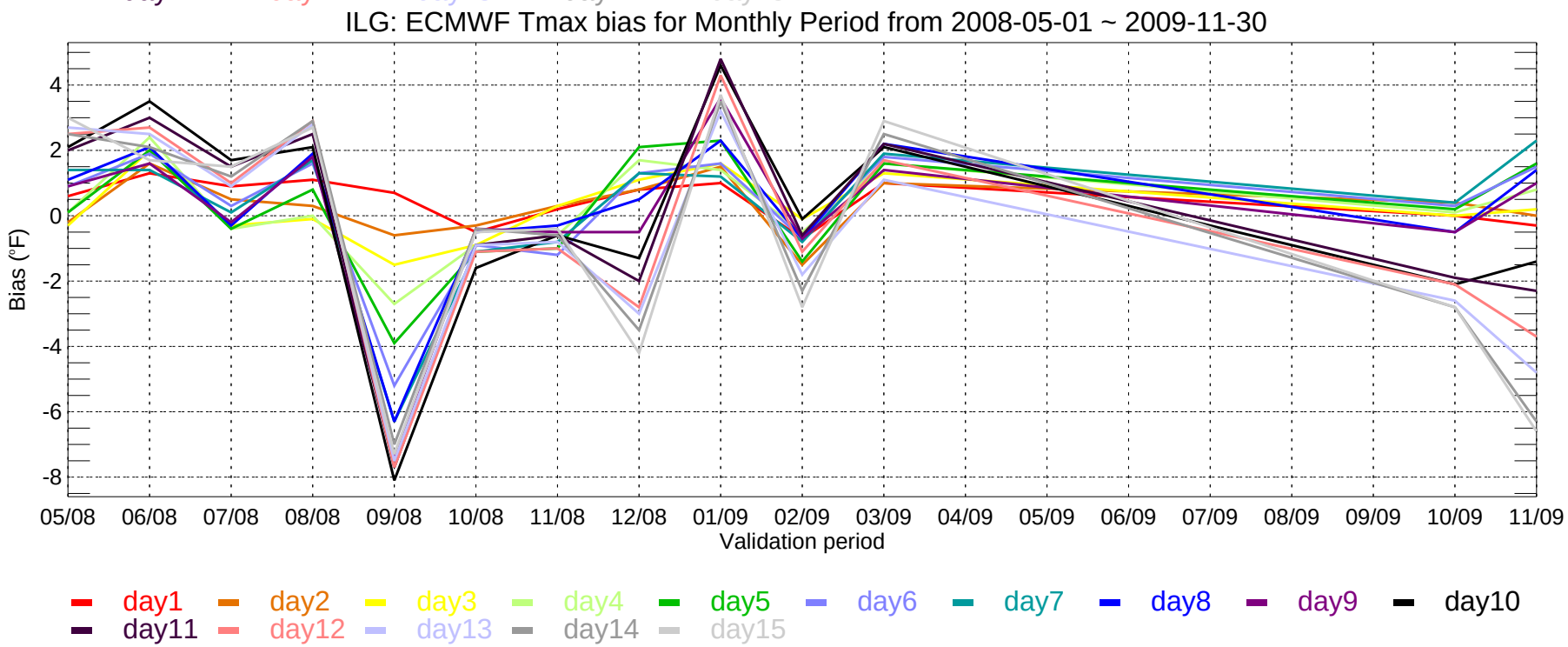
ILG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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Validation period
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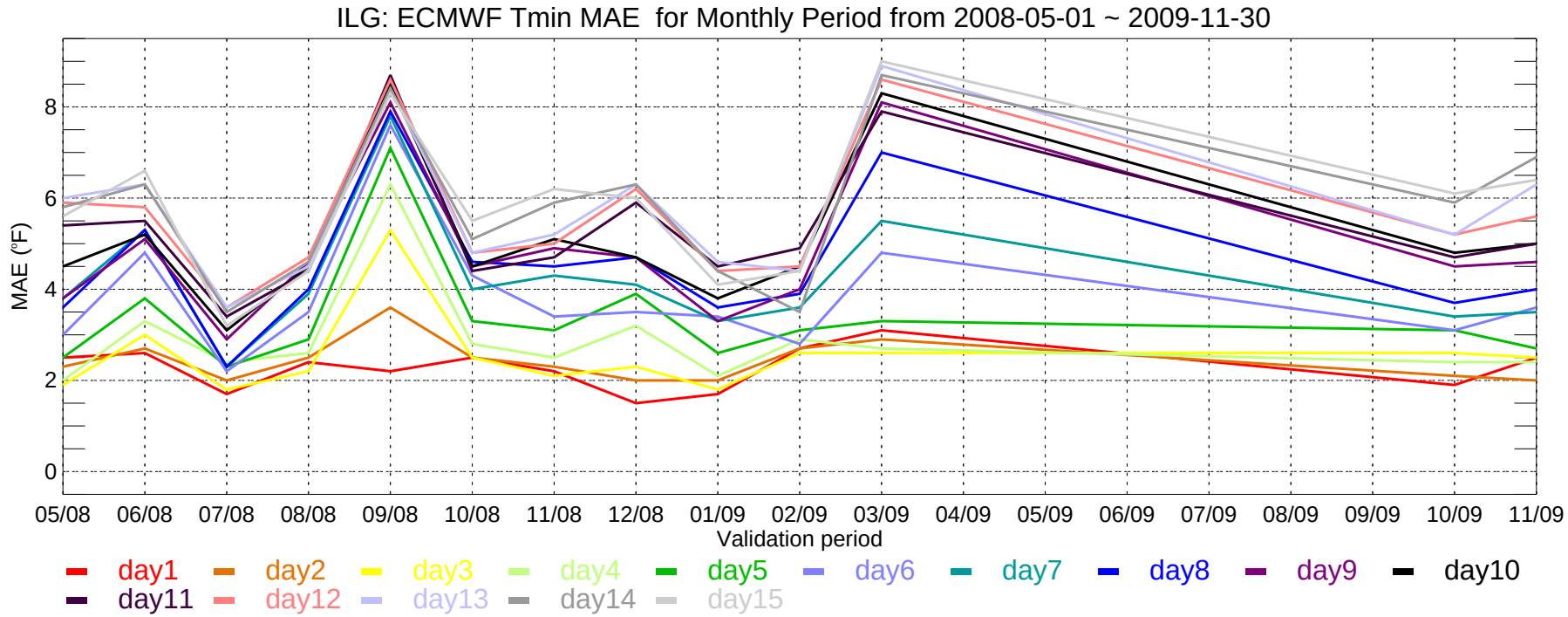
ILG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
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Validation period
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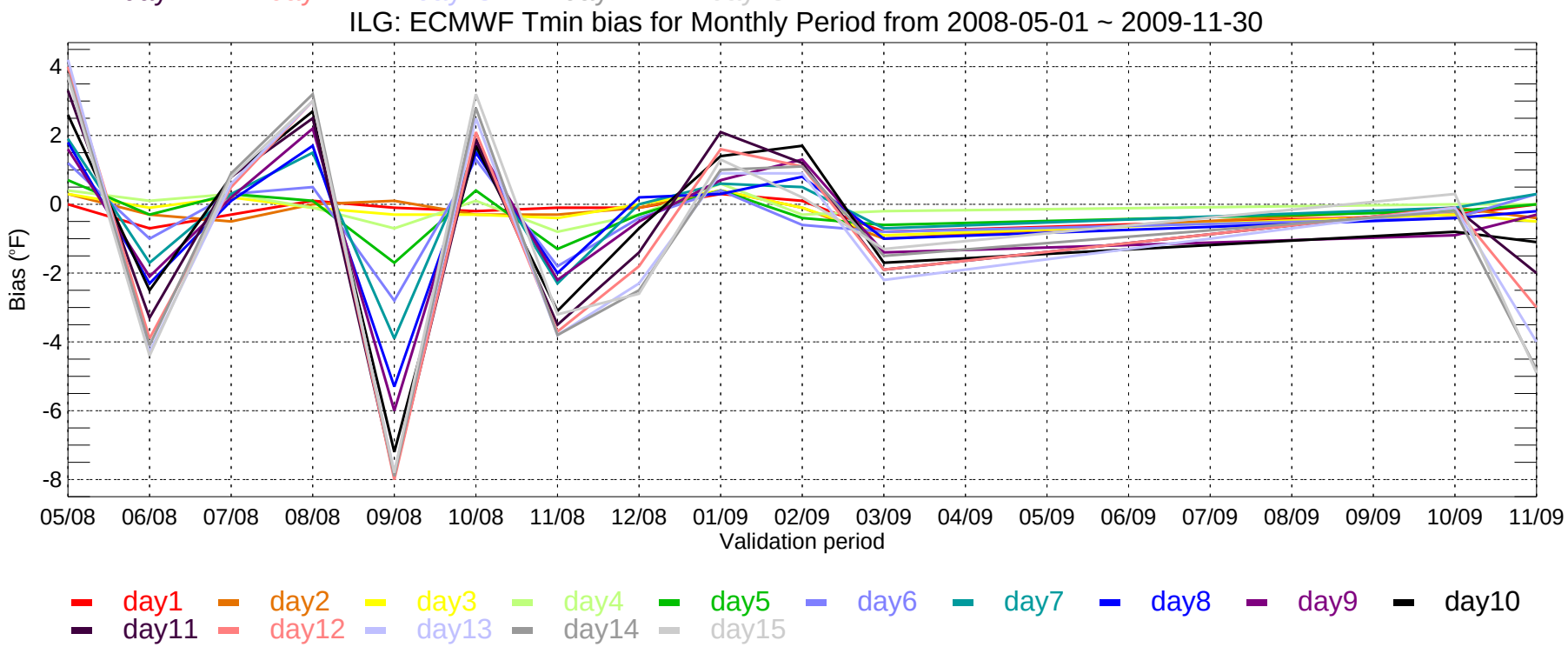
ILG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
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Validation period
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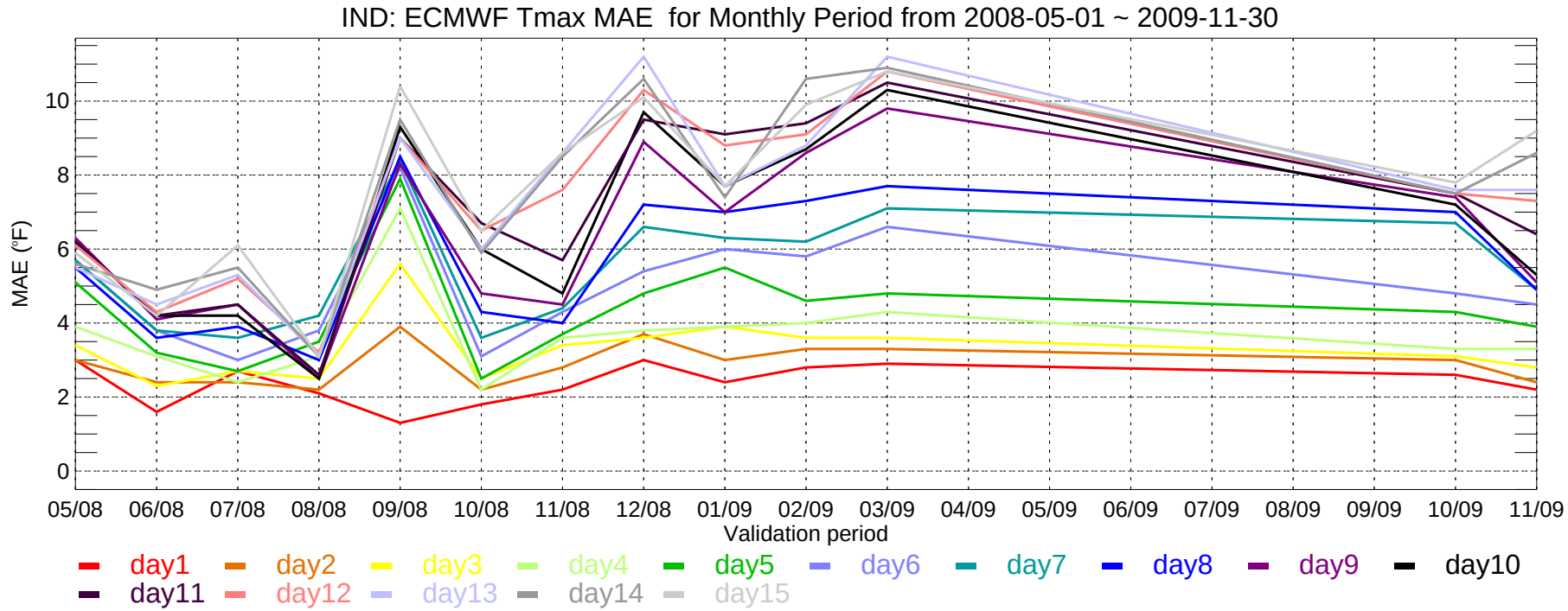
IND: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
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05/08
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11/08
12/08
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Validation period
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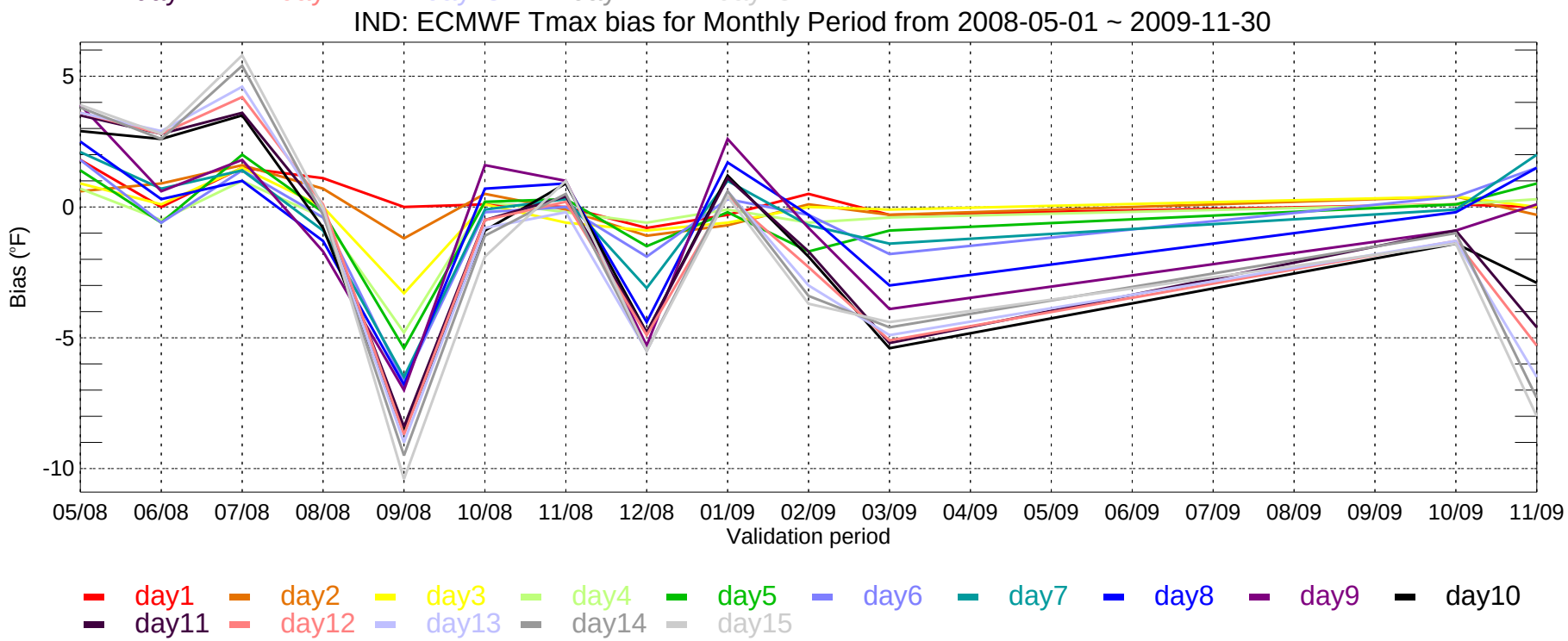
IND: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
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05/08
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Validation period
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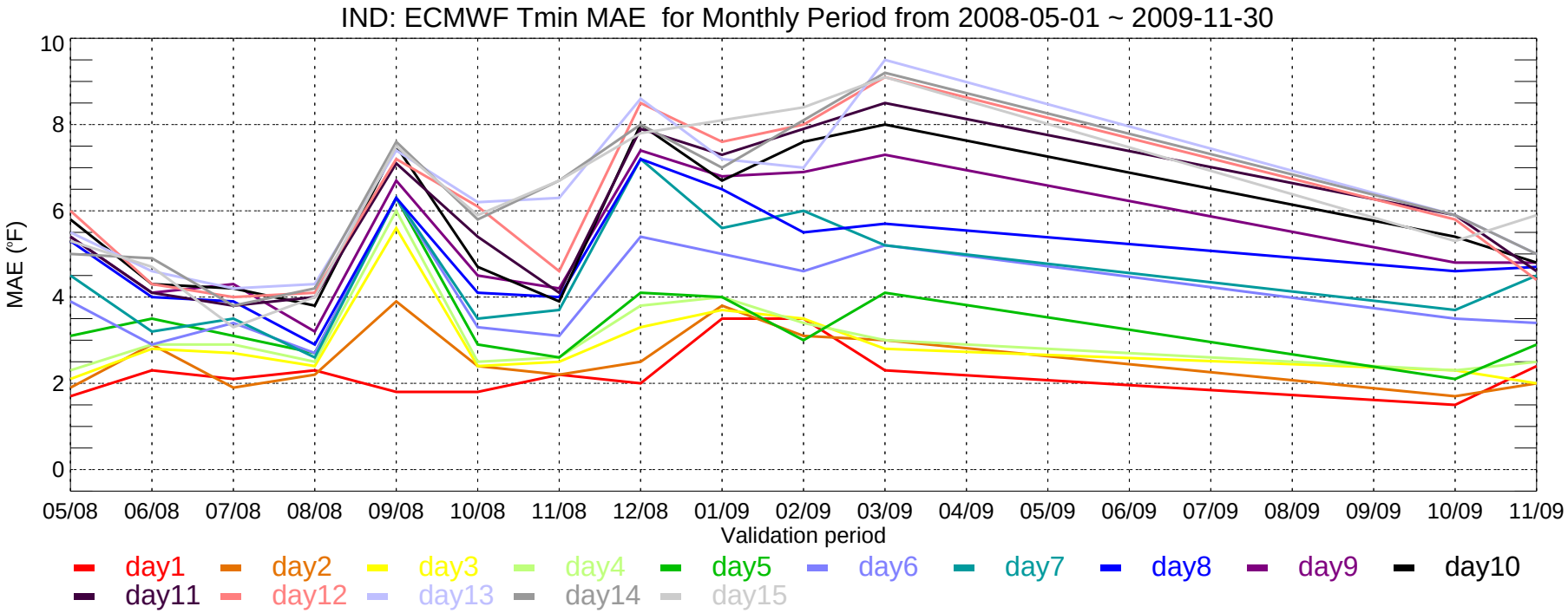
IND: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
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4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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Validation period
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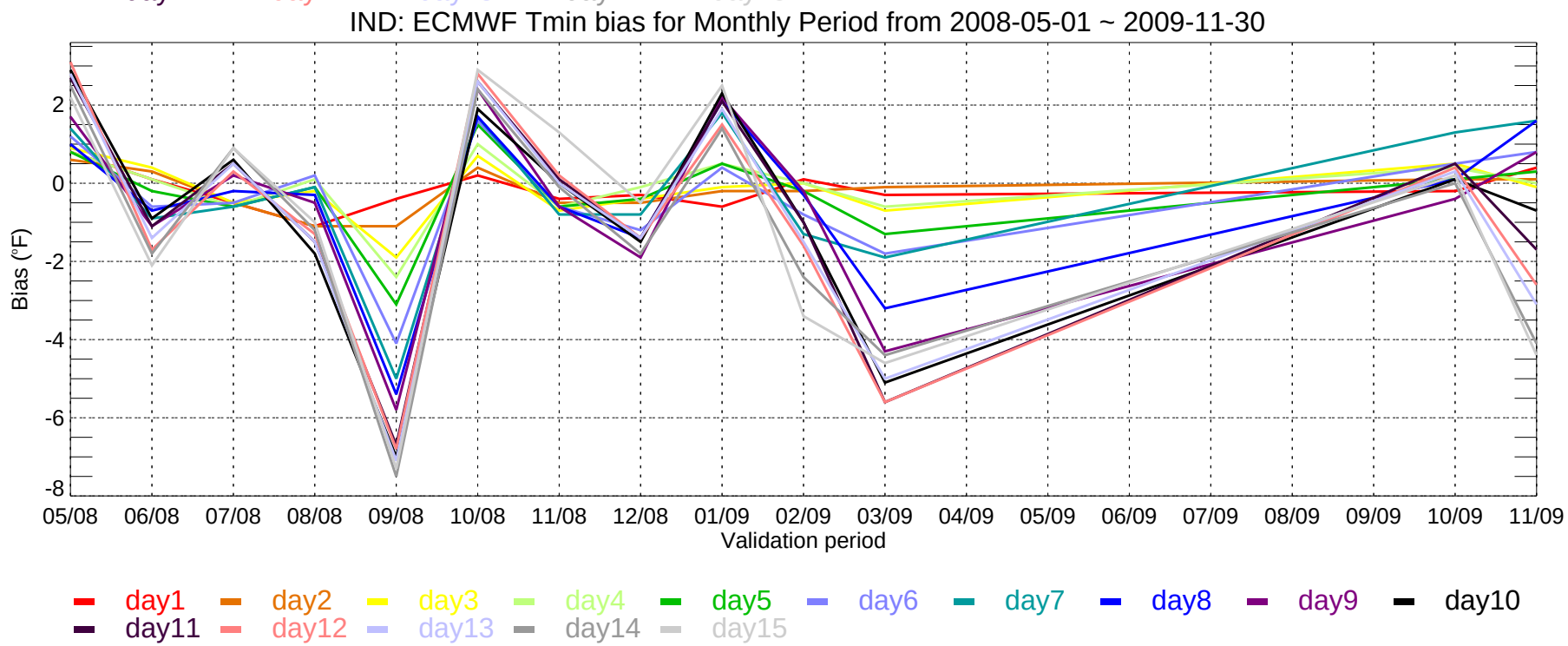
IND: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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11/09
Validation period
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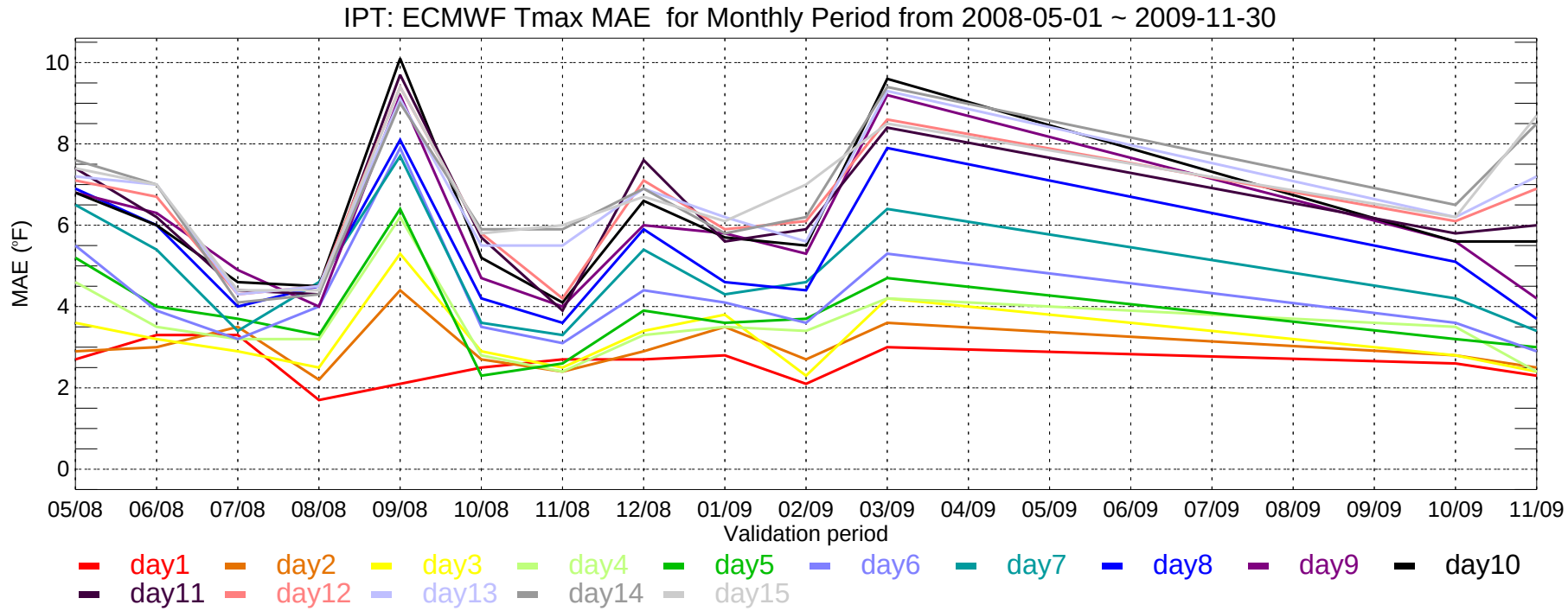
IPT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
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06/08
07/08
08/08
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10/08
11/08
12/08
01/09
02/09
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Validation period
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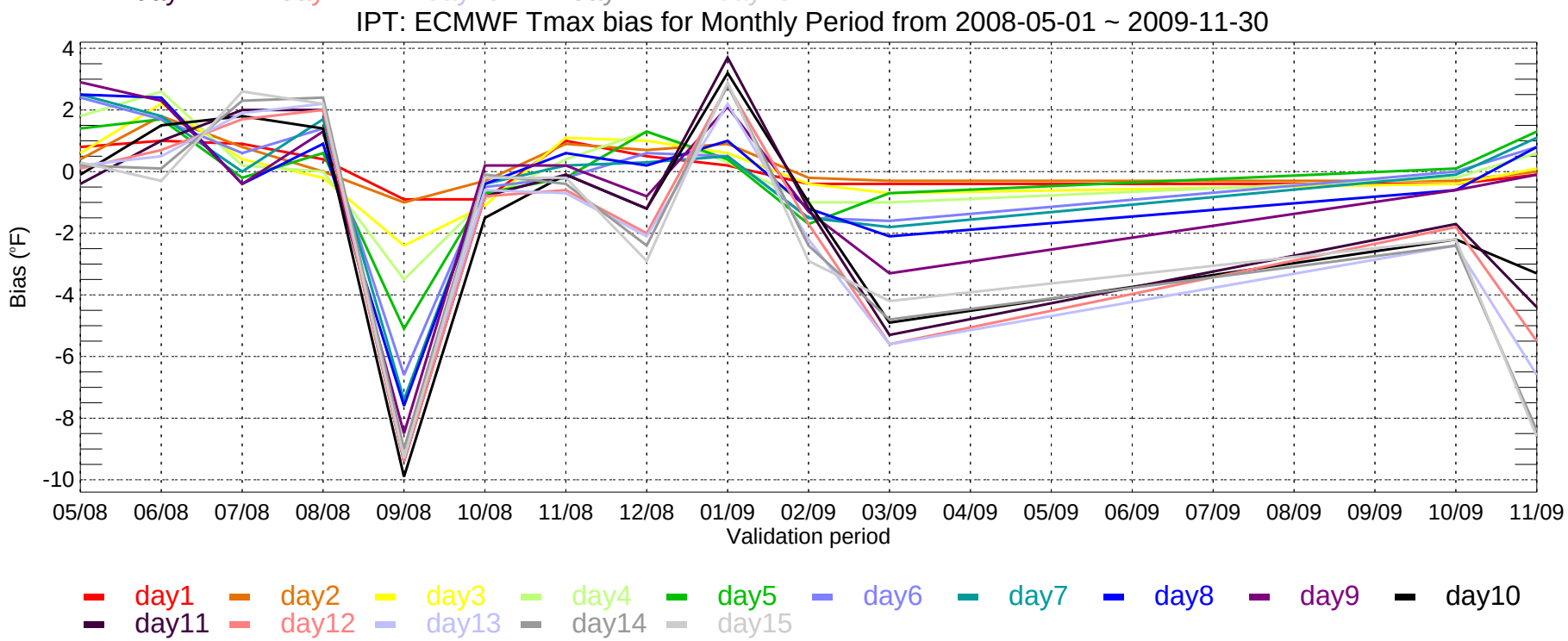
IPT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08
06/08
07/08
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09/08
10/08
11/08
12/08
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Validation period
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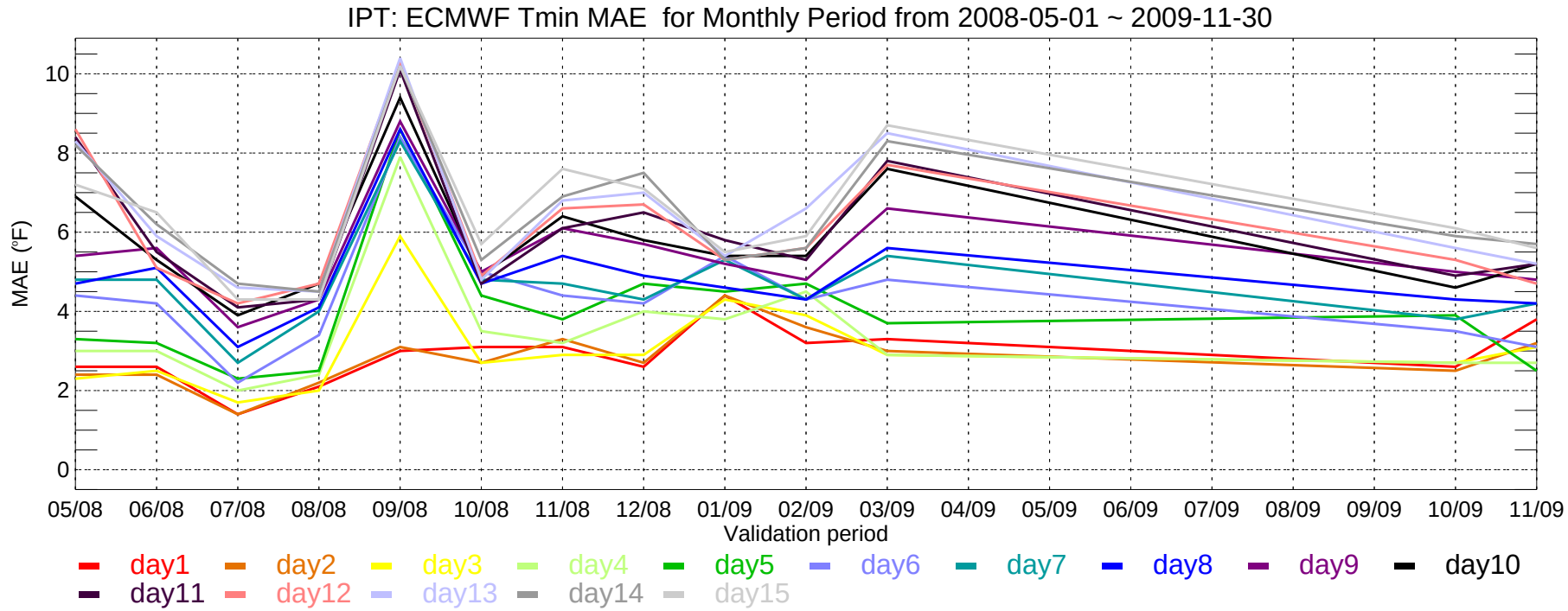
IPT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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06/08
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11/08
12/08
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02/09
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Validation period
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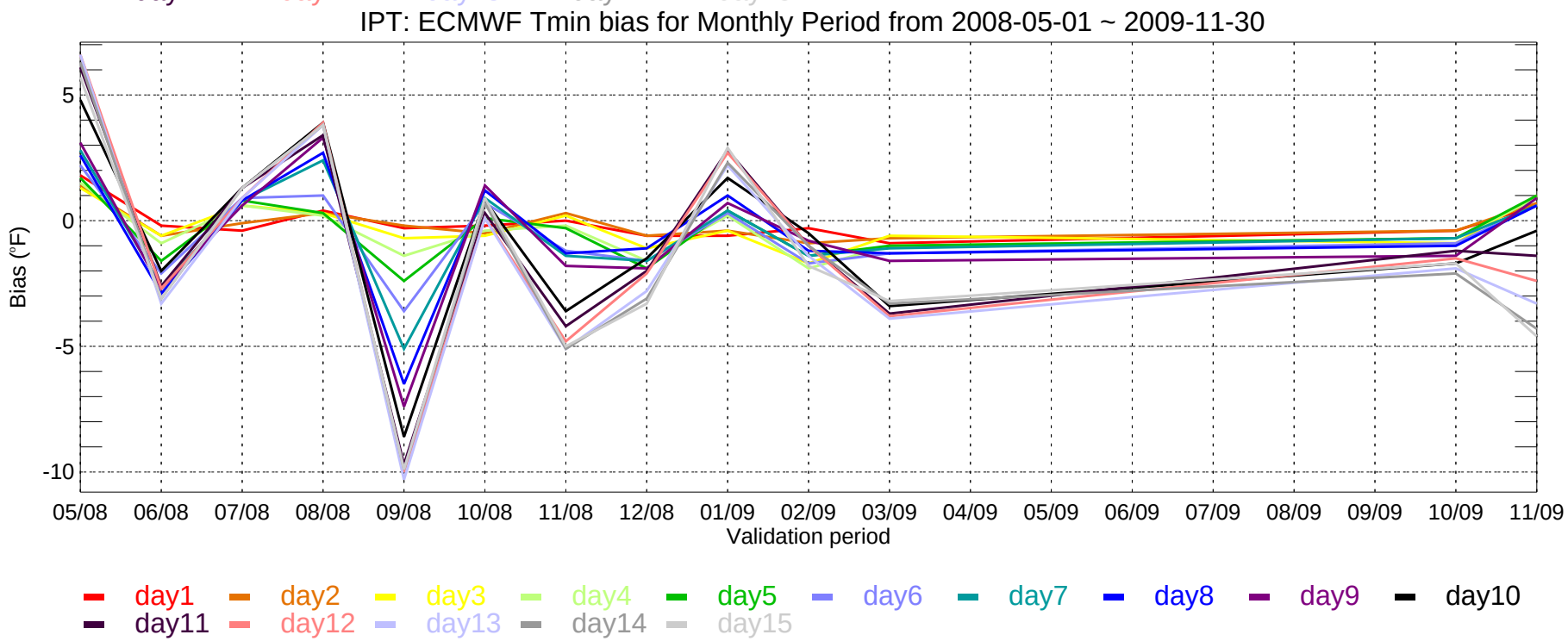
IPT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
5
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-5
-10
05/08
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07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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11/09
Validation period
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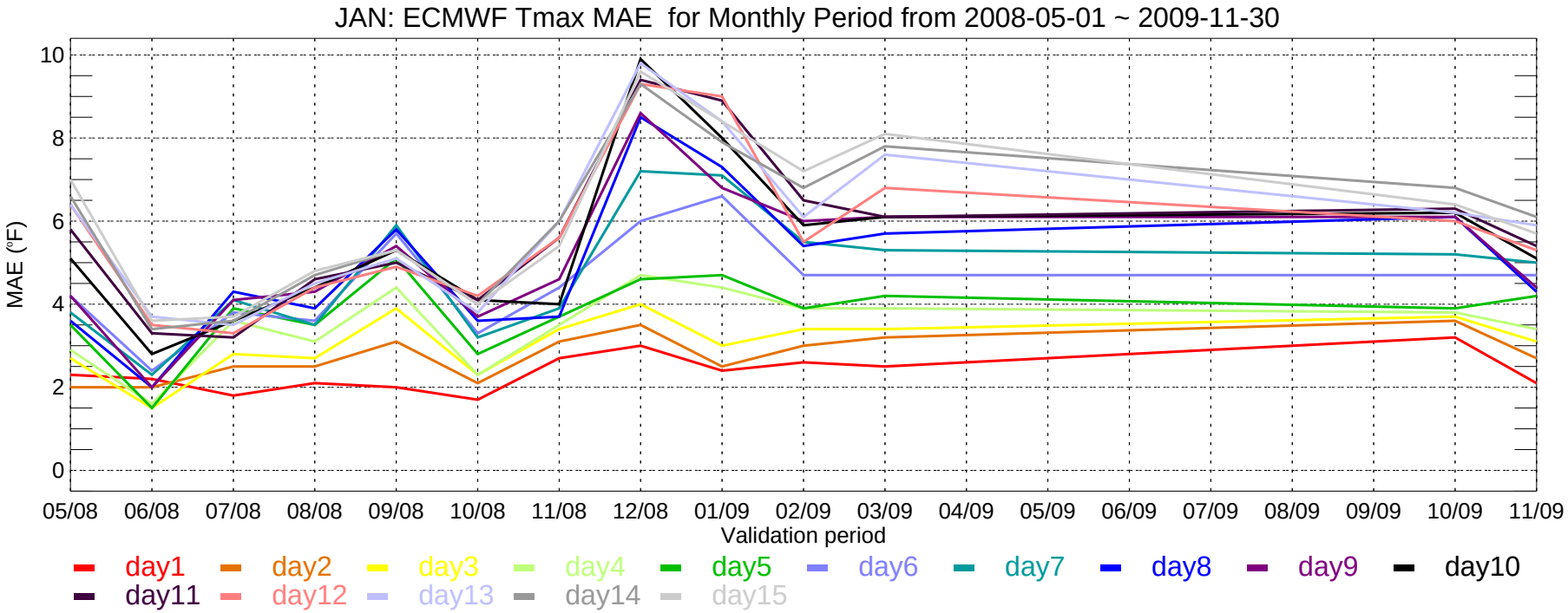
JAN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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12/08
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Validation period
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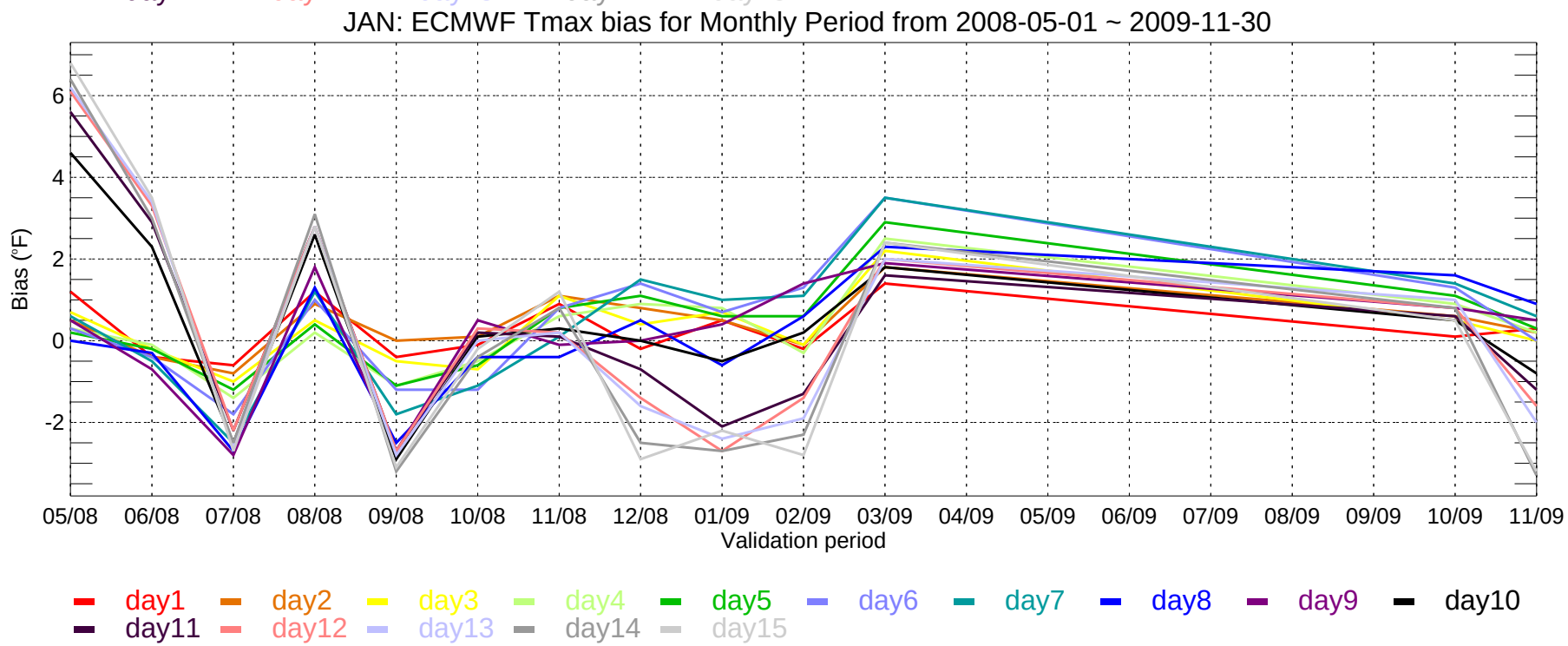
JAN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
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07/08
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09/08
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12/08
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Validation period
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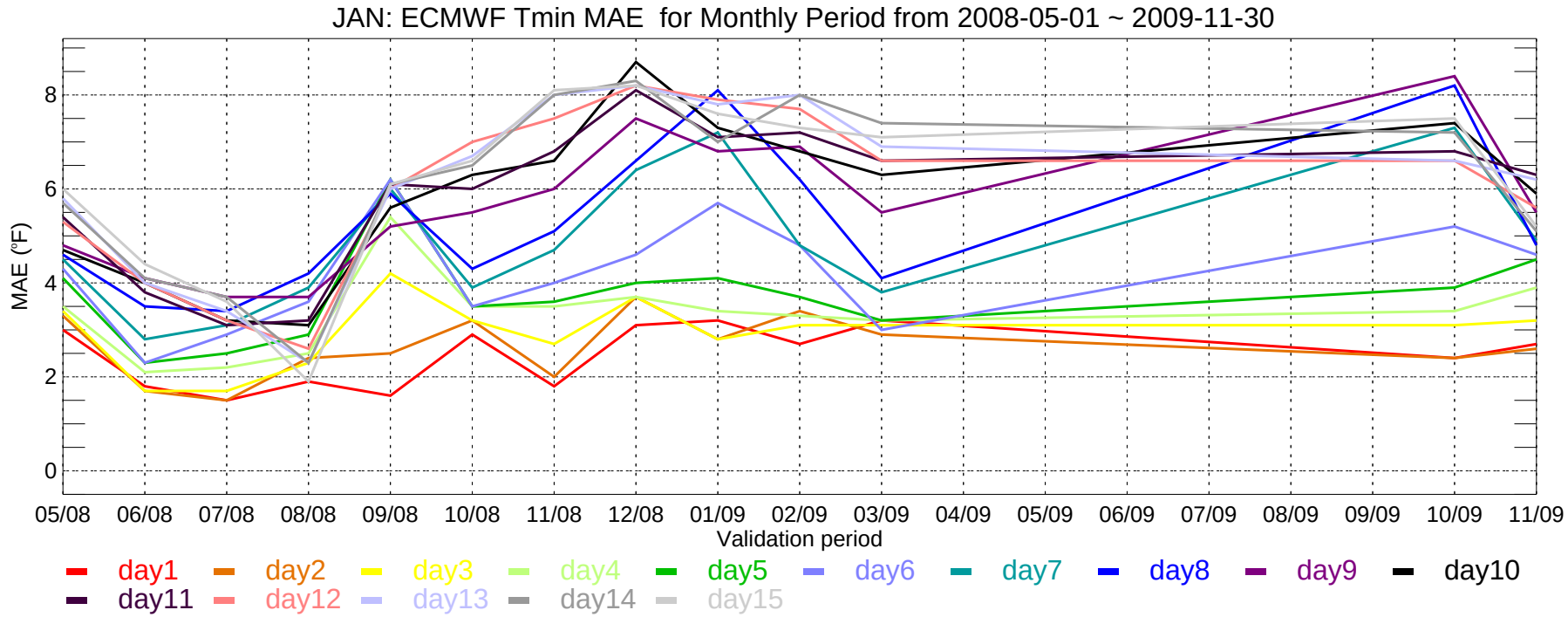
JAN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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11/09
Validation period
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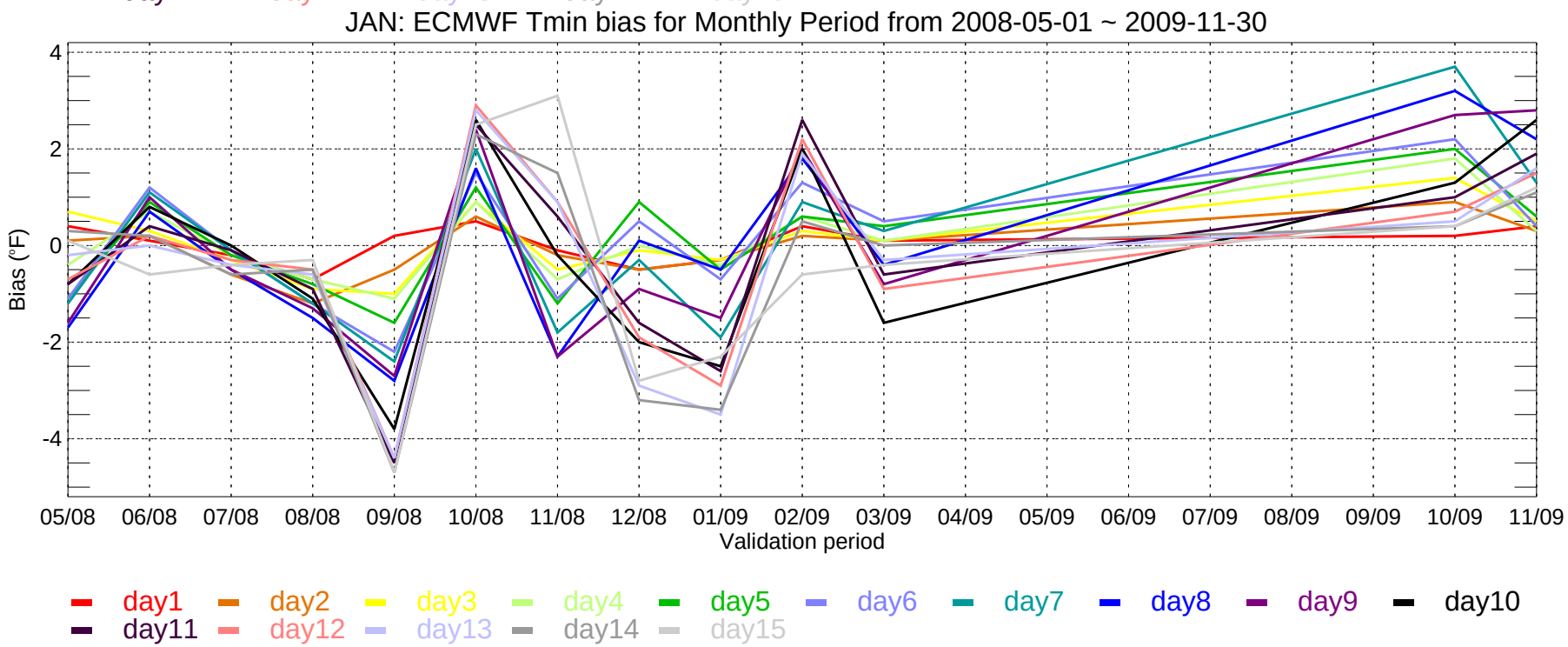
JAN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
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Validation period
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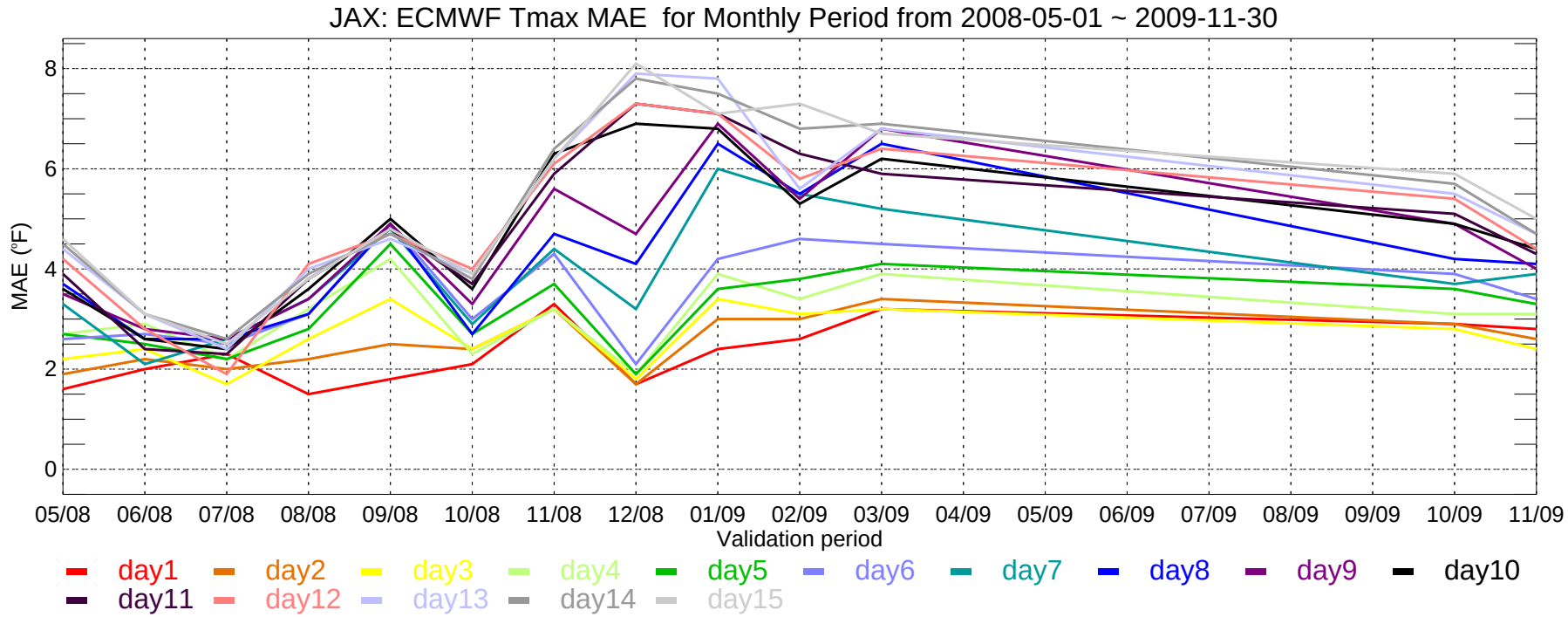
JAX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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Validation period
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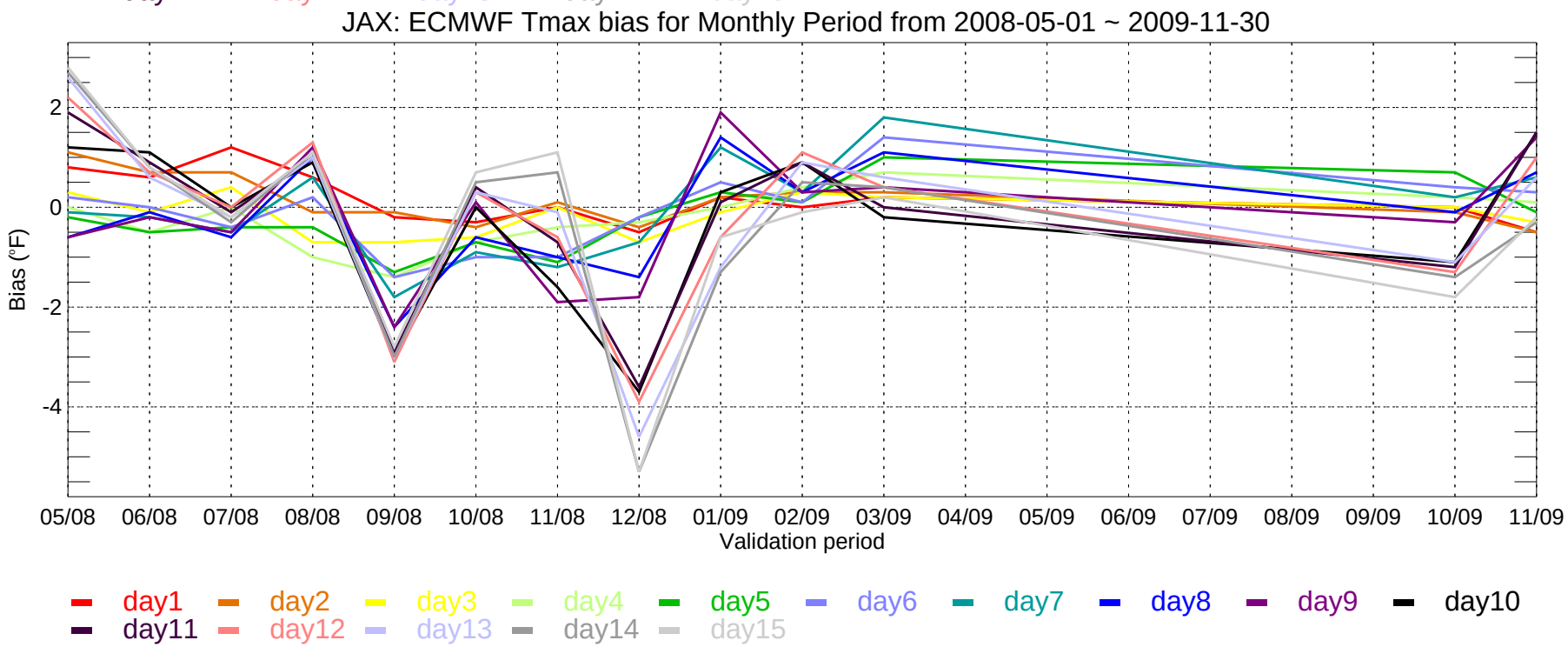
JAX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
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Validation period
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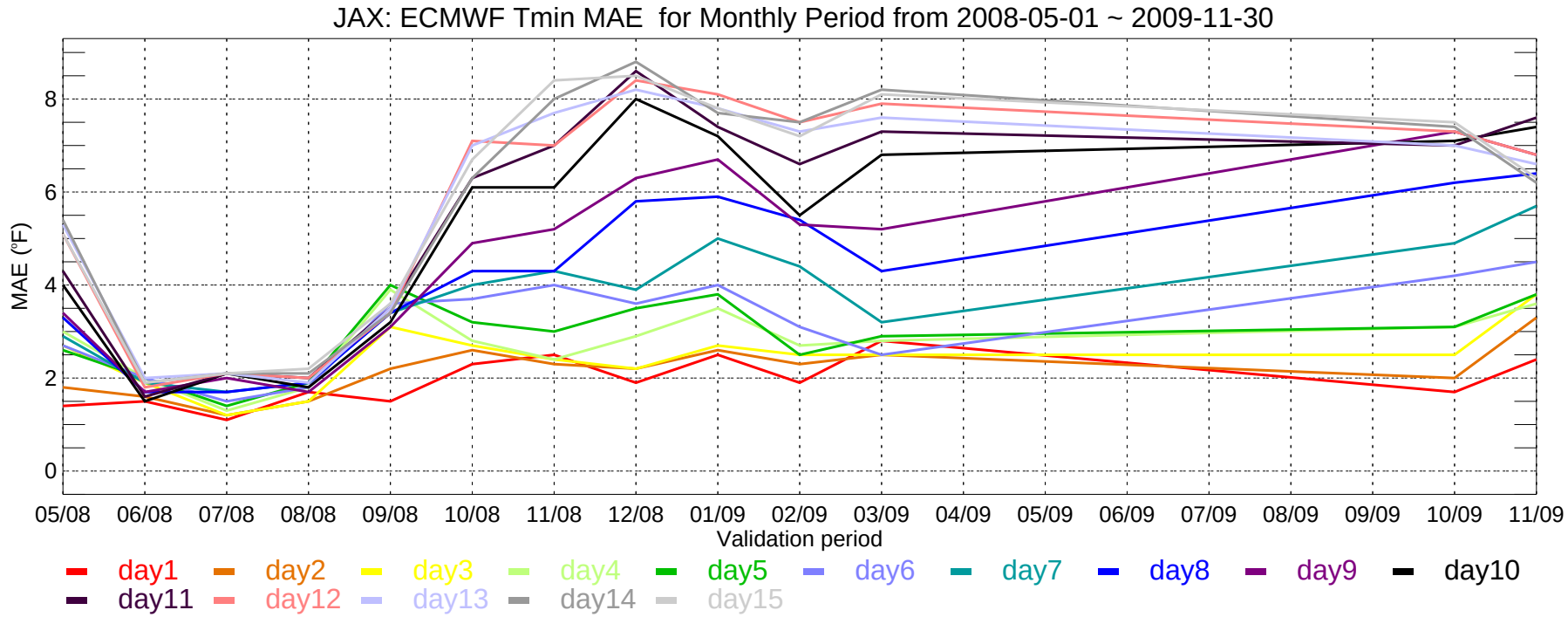
JAX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
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12/08
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Validation period
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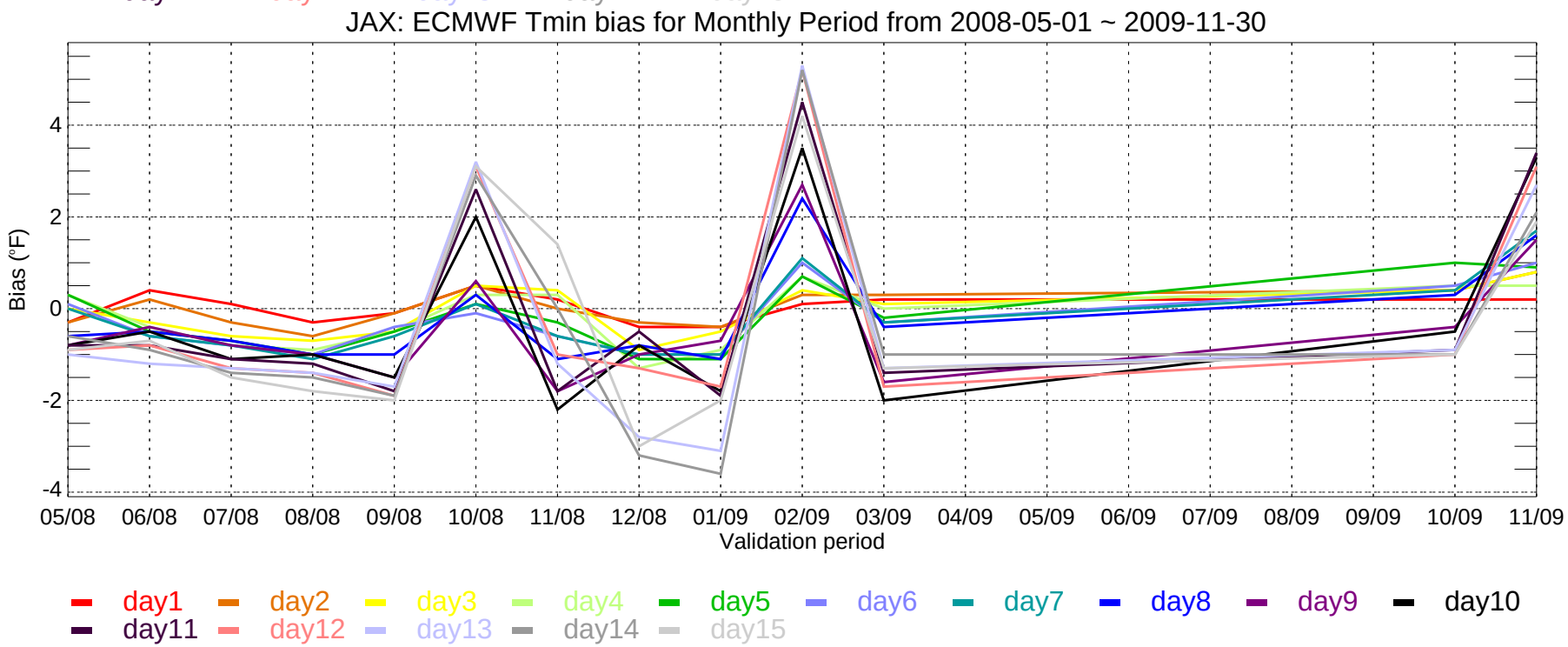
JAX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
-4
-2
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Validation period
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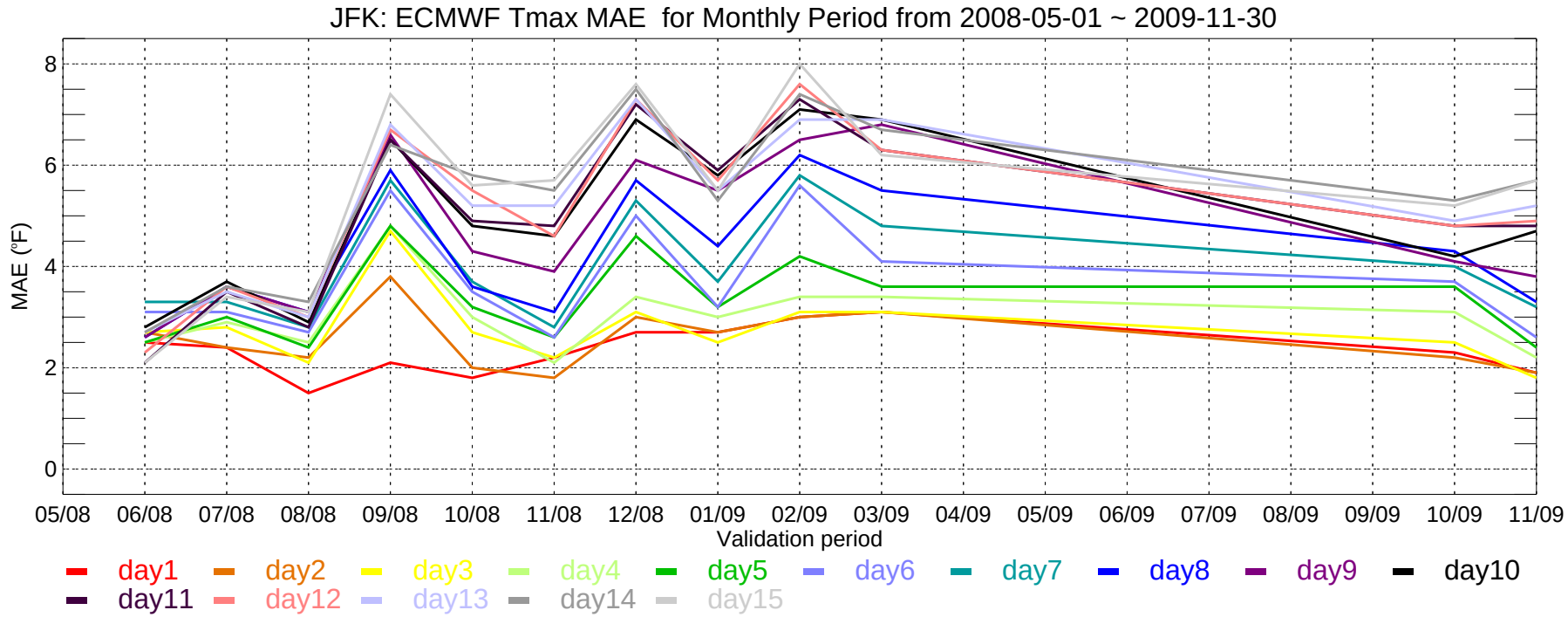
JFK: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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Validation period
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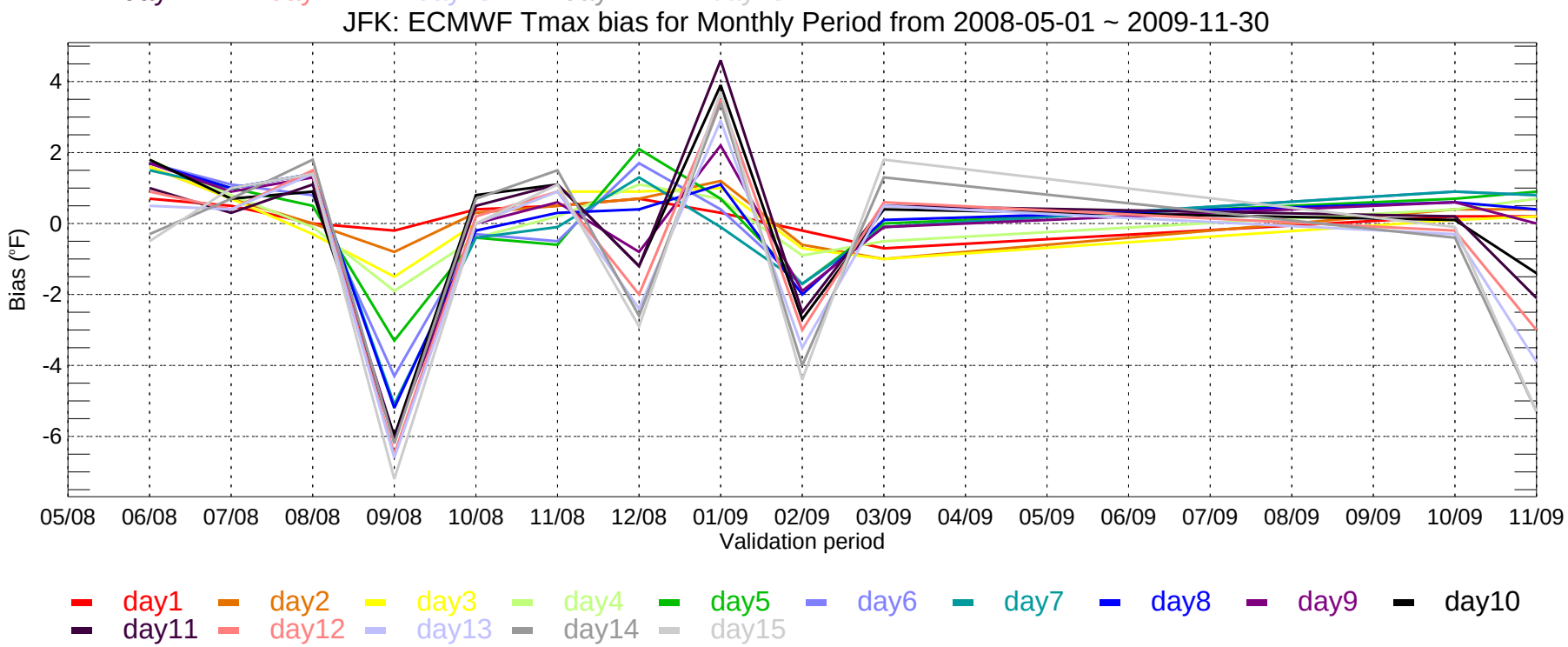
JFK: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
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-2
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-6
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Validation period
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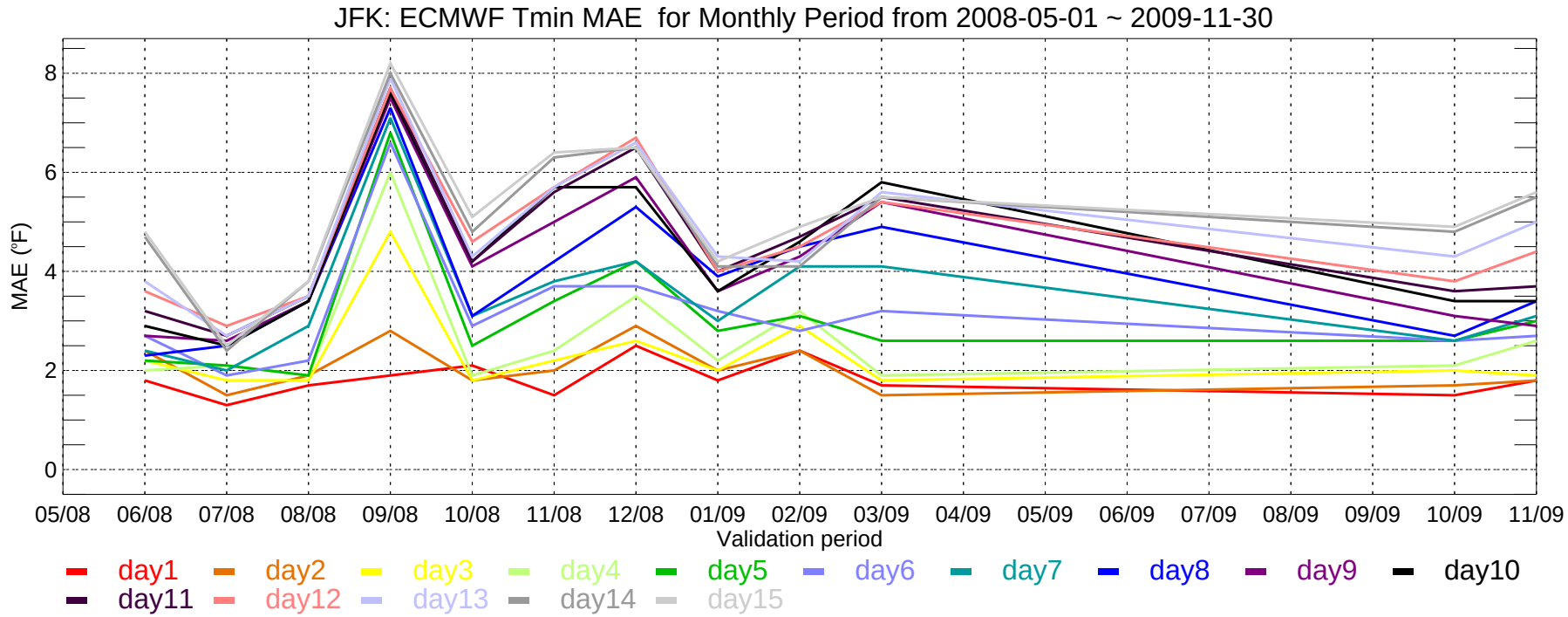
JFK: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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Validation period
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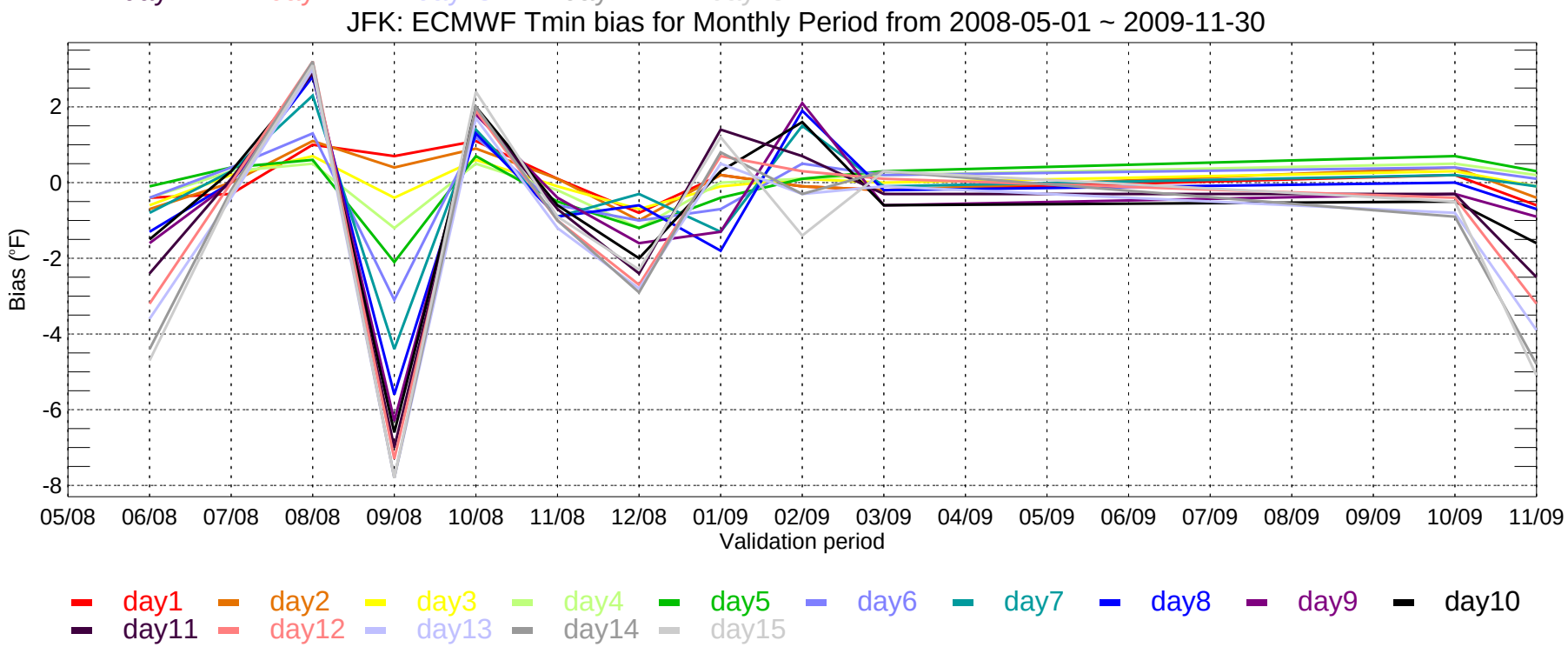
JFK: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
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Validation period
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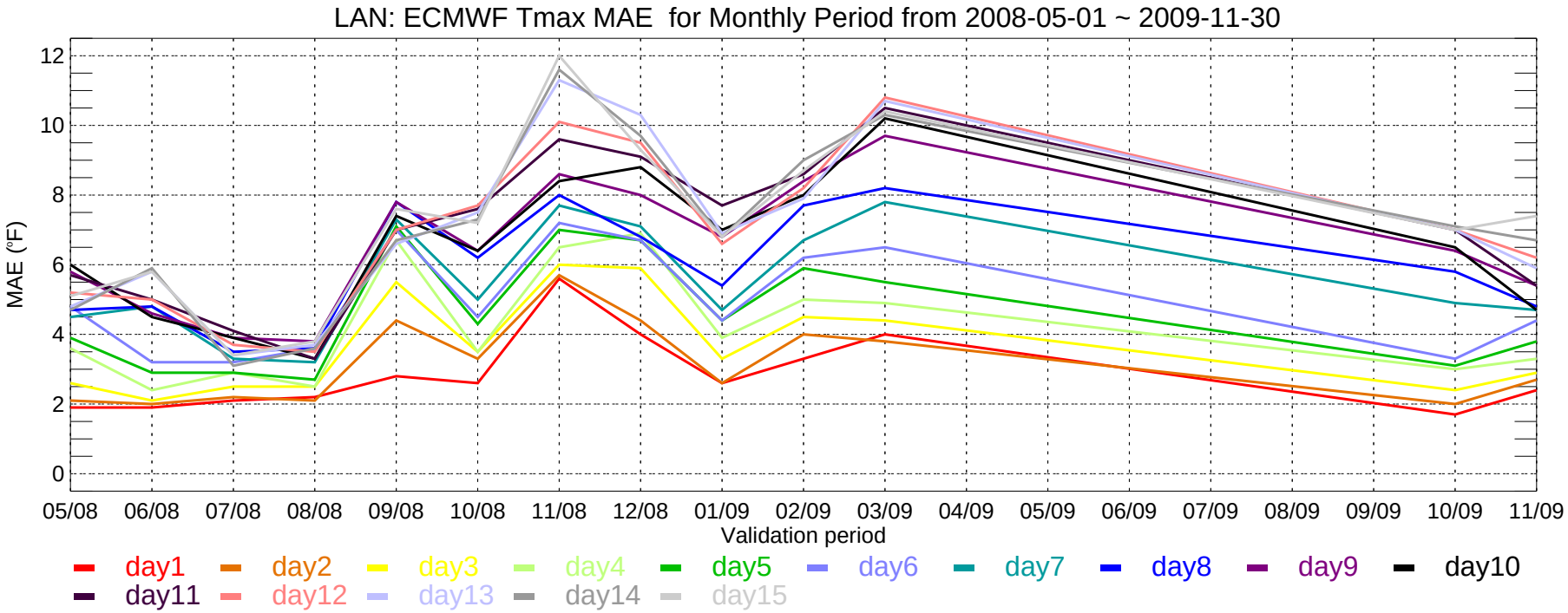
LAN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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Validation period
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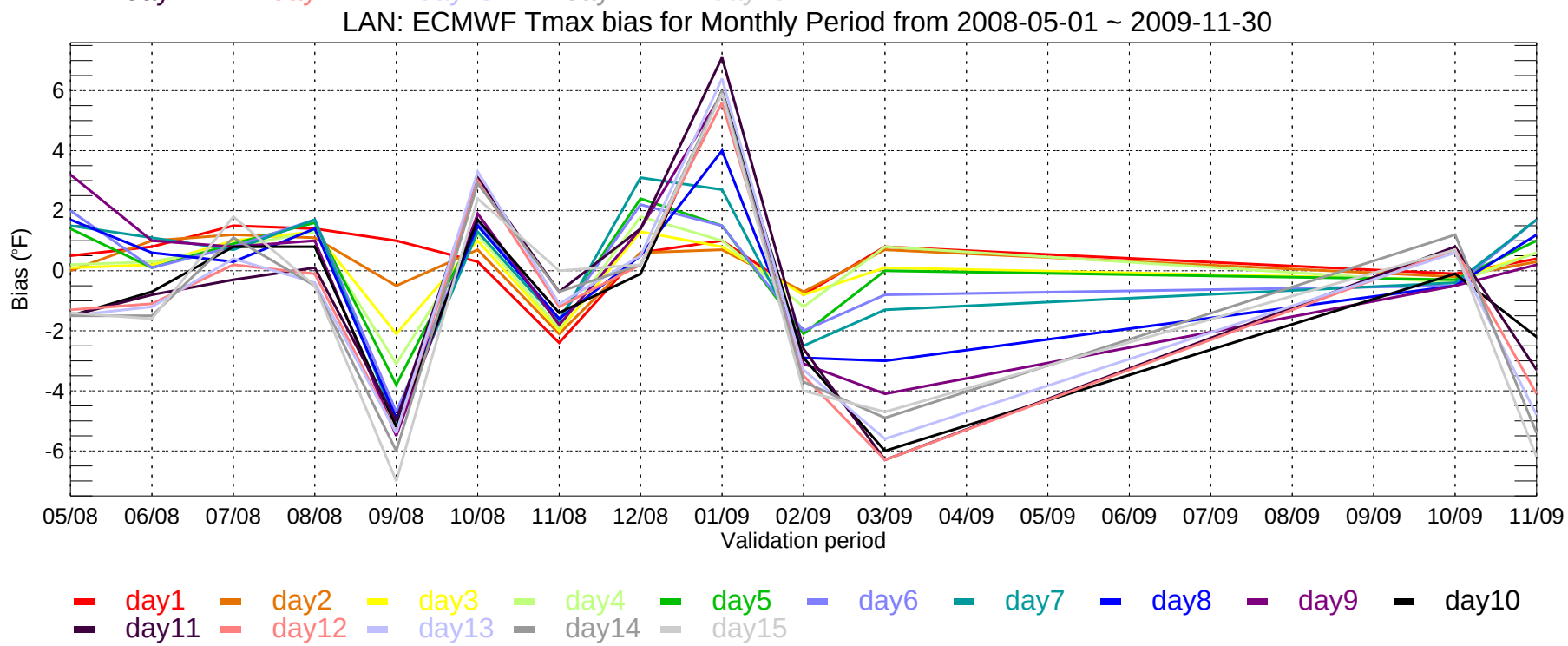
LAN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
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Validation period
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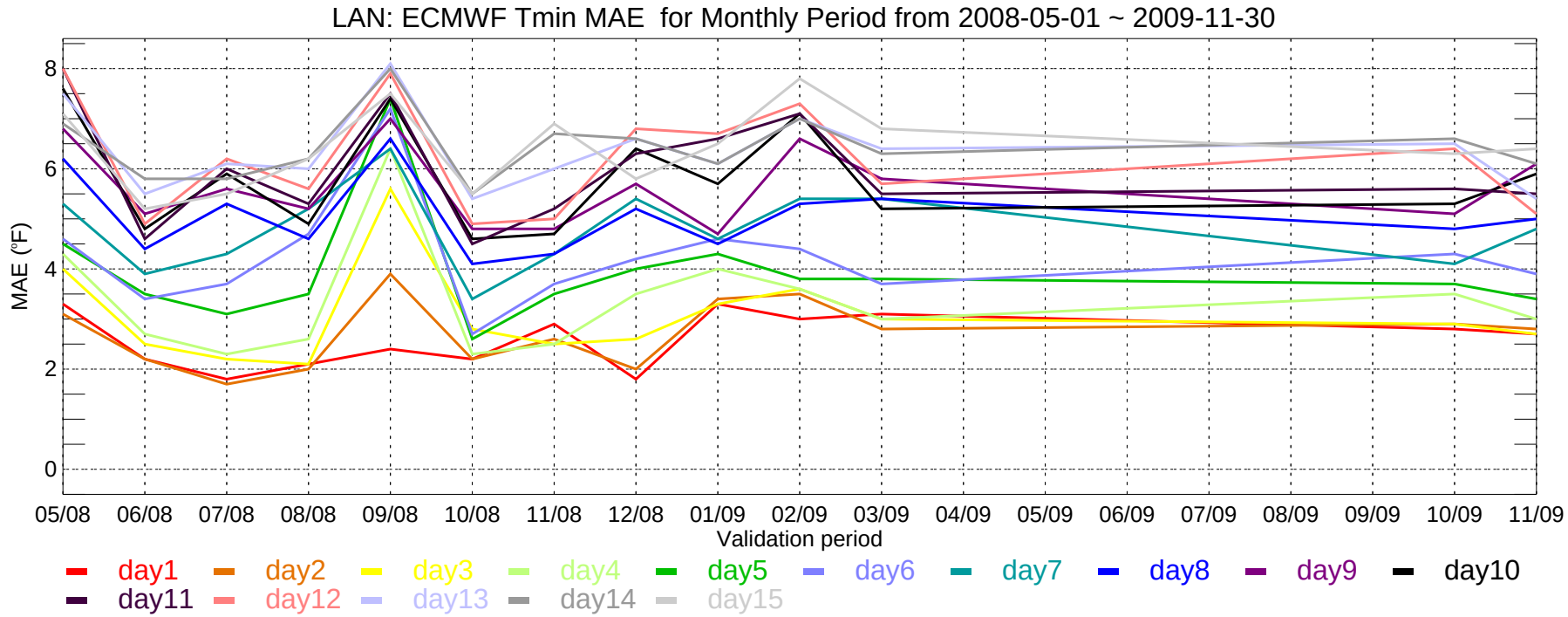
LAN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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Validation period
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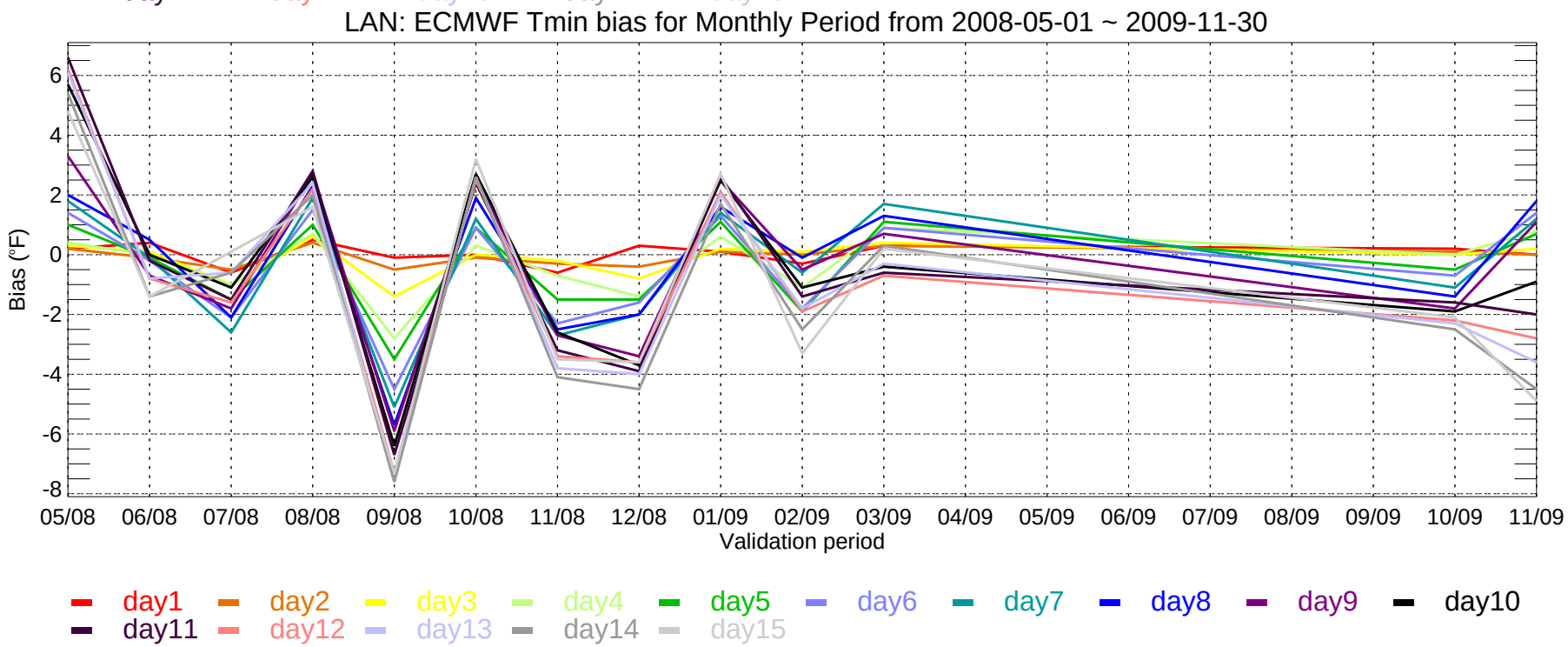
LAN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
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10/08
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Validation period
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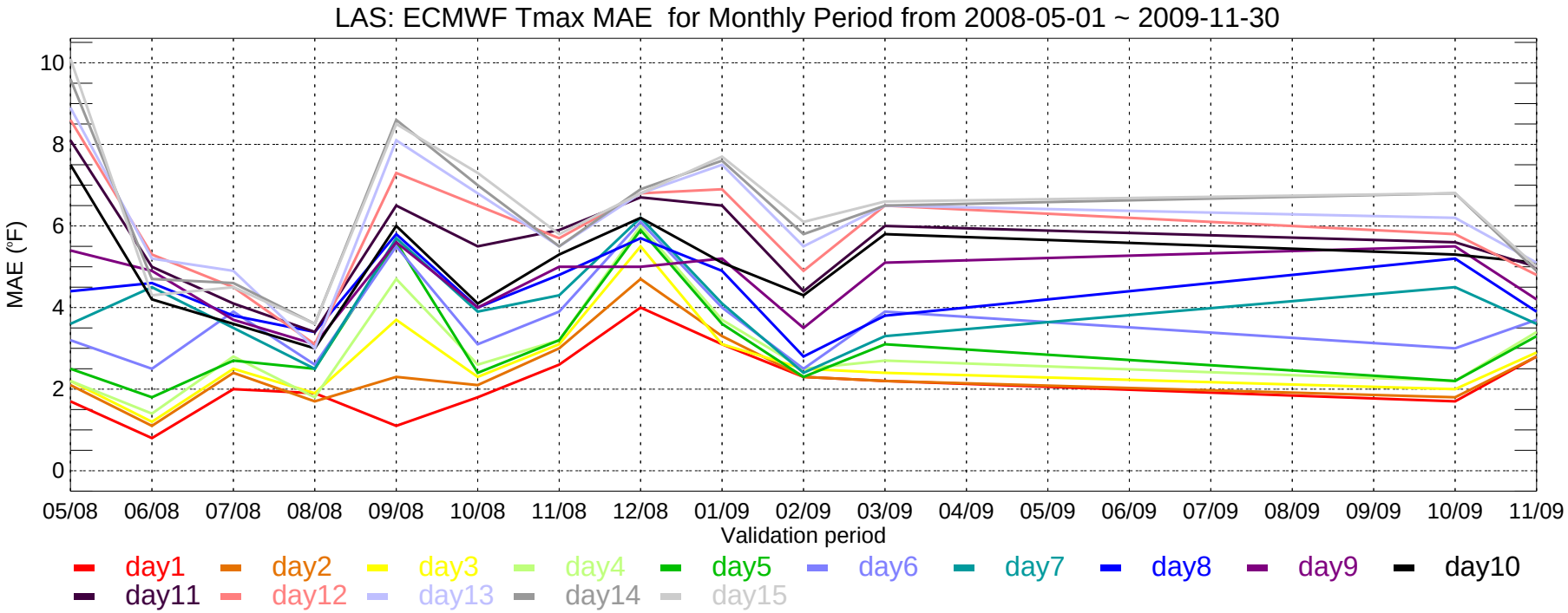
LAS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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11/08
12/08
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Validation period
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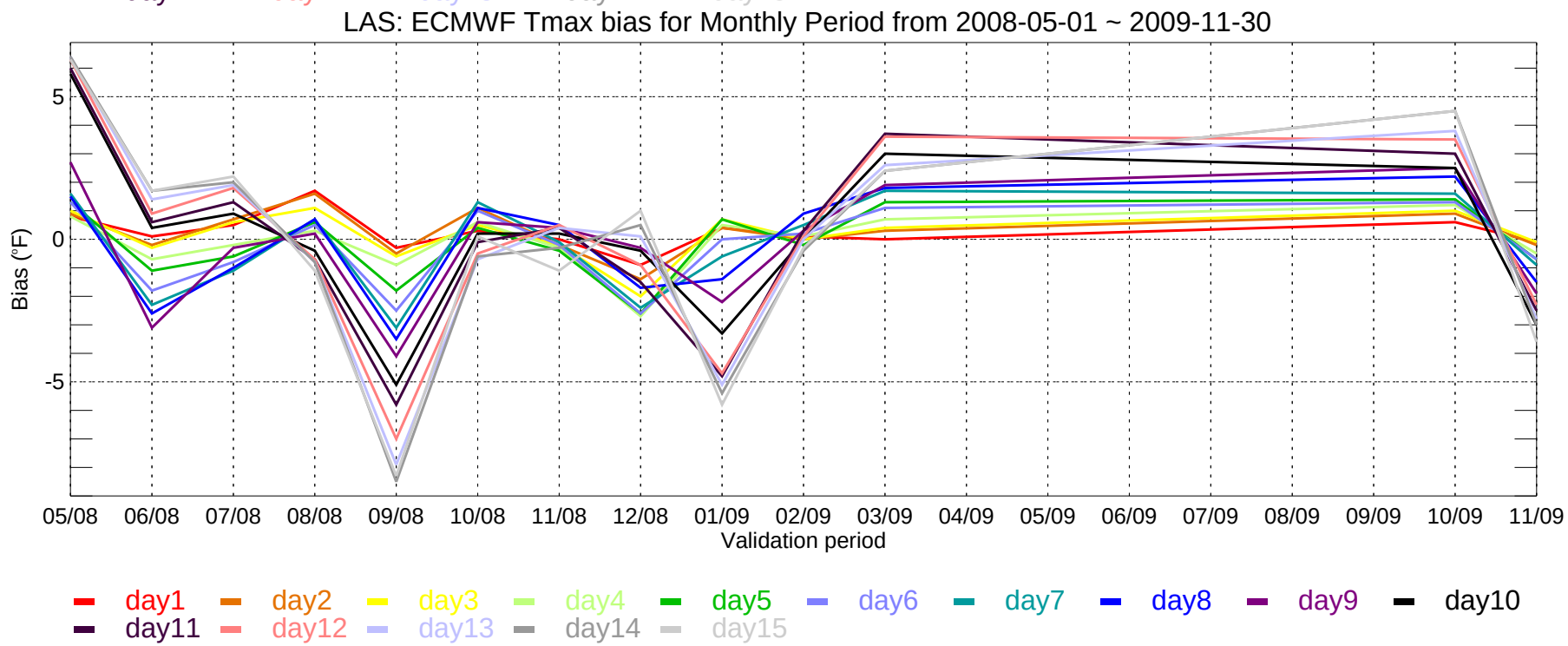
LAS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
5
0
-5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
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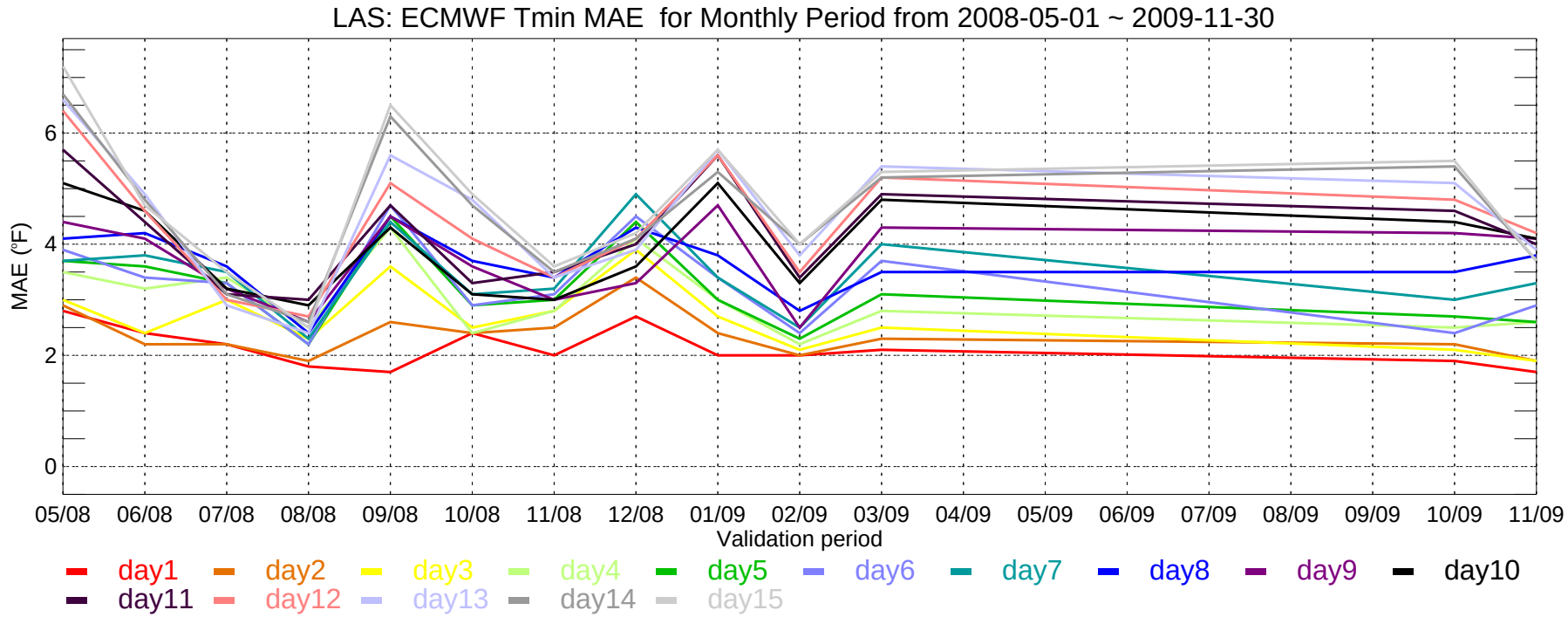
day14
day15


LAS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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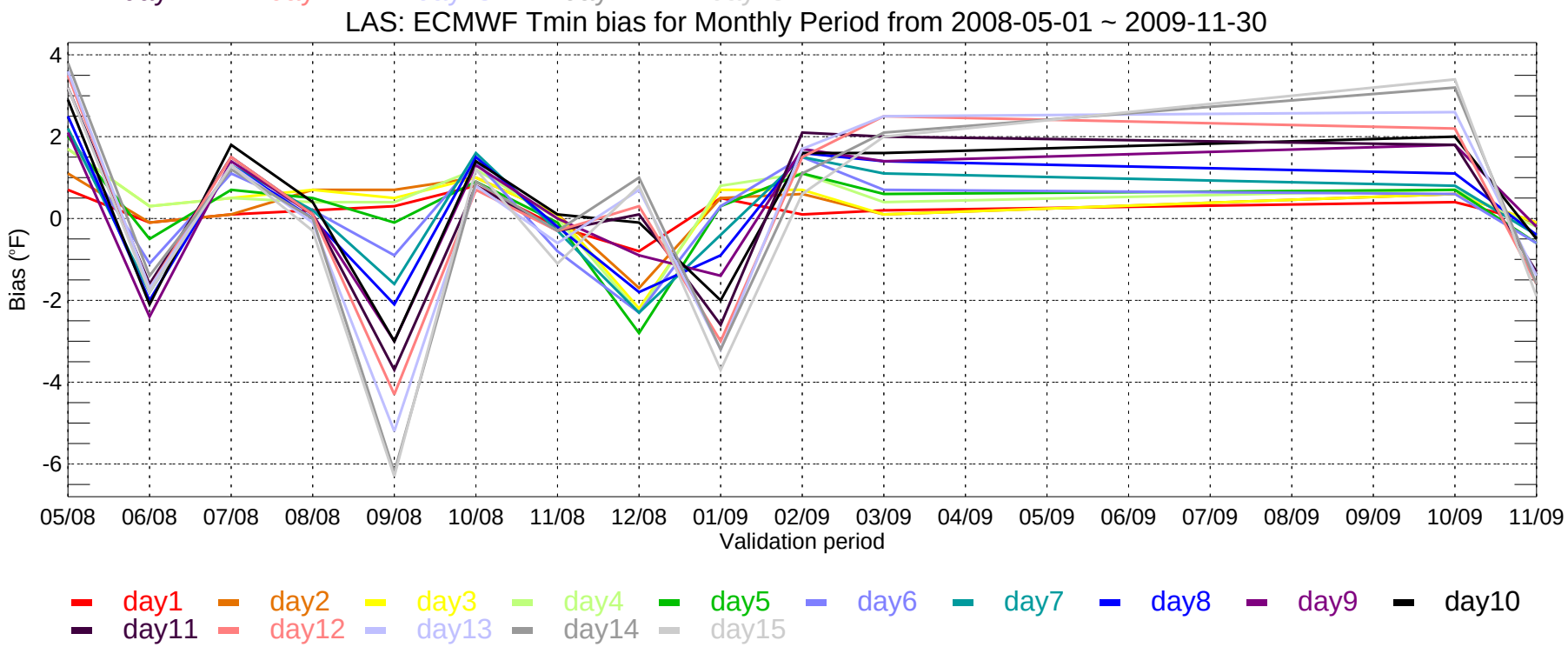
day14
day15


LAS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
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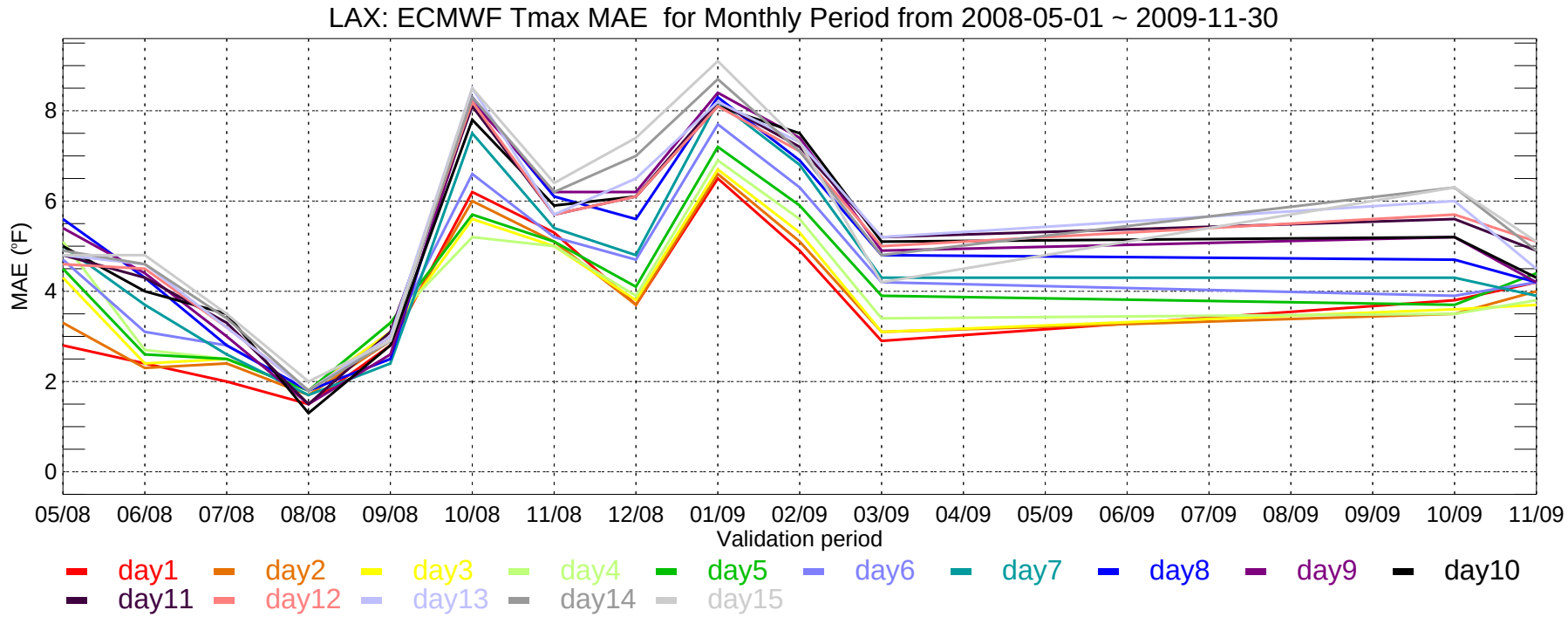
day13
day14
day15


LAX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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day4
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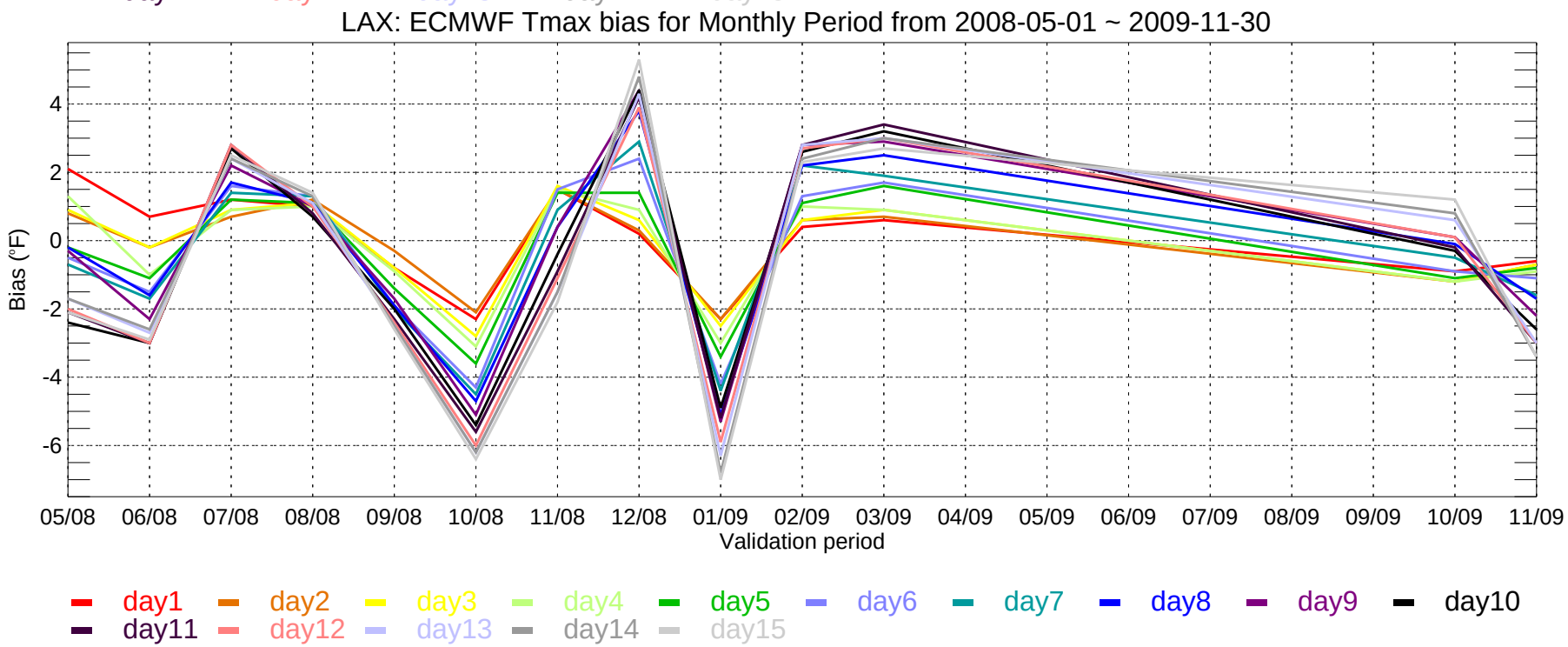
day14
day15


LAX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
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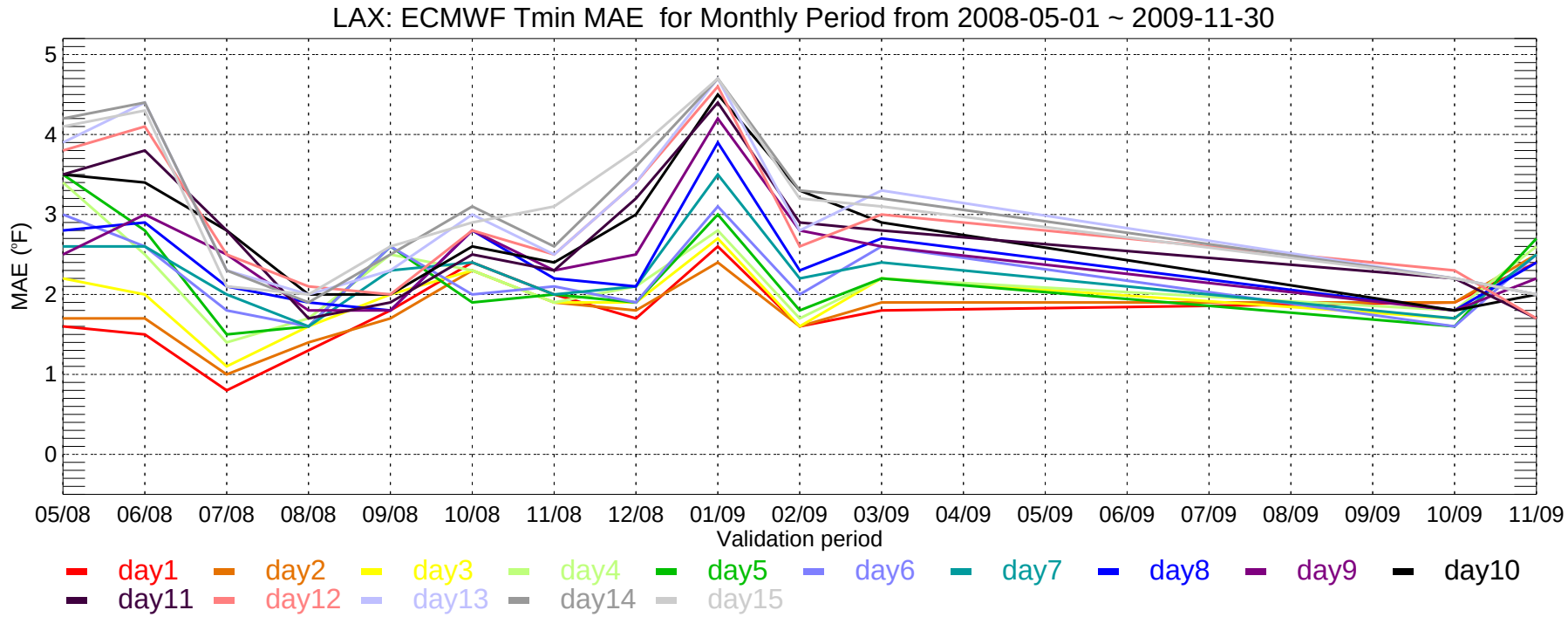
day15


LAX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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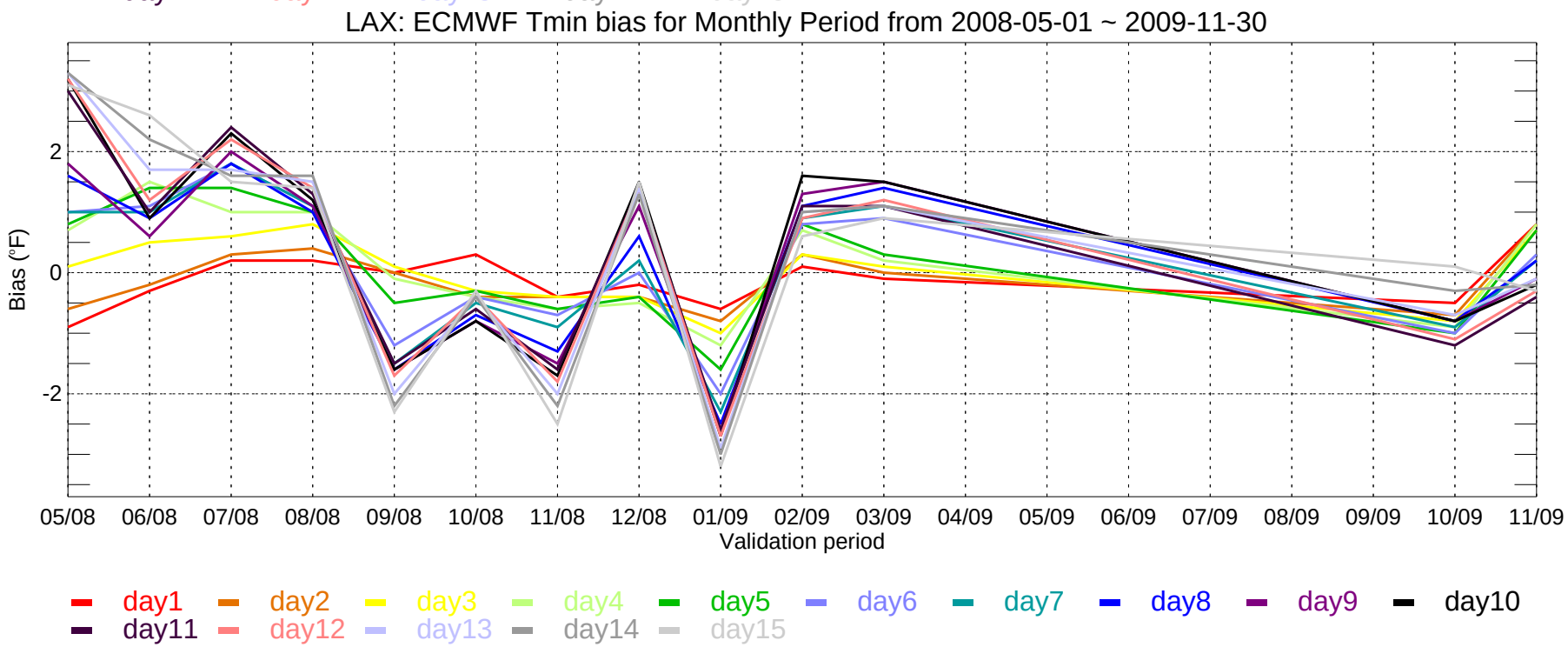
day14
day15


LAX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
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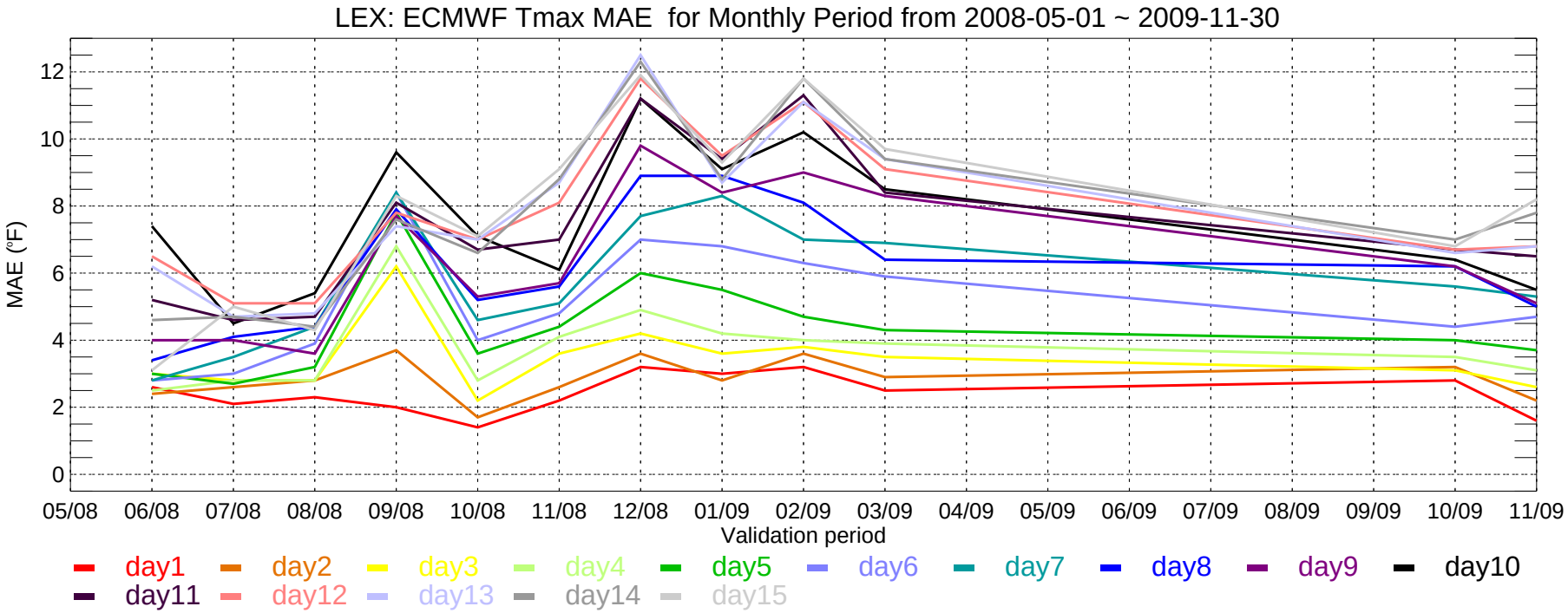
day14
day15


LEX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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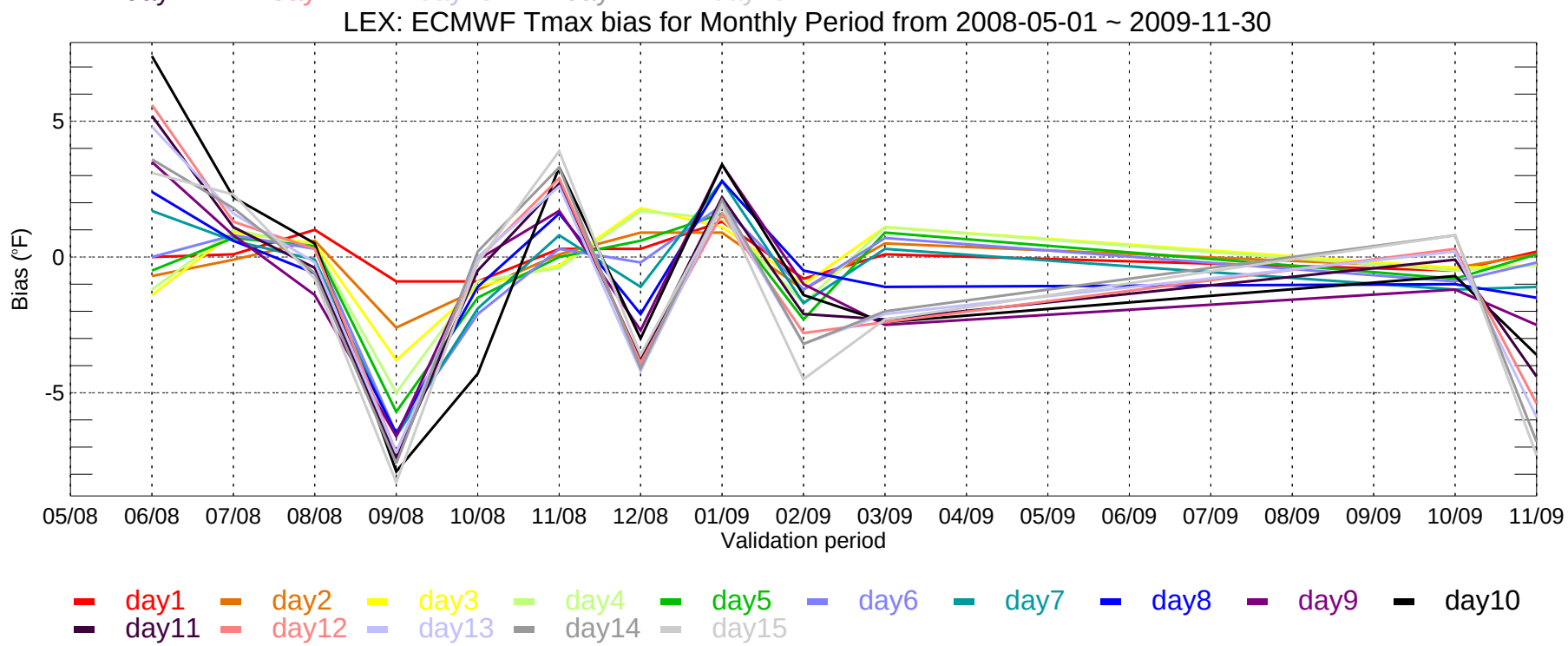
day14
day15


LEX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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day8
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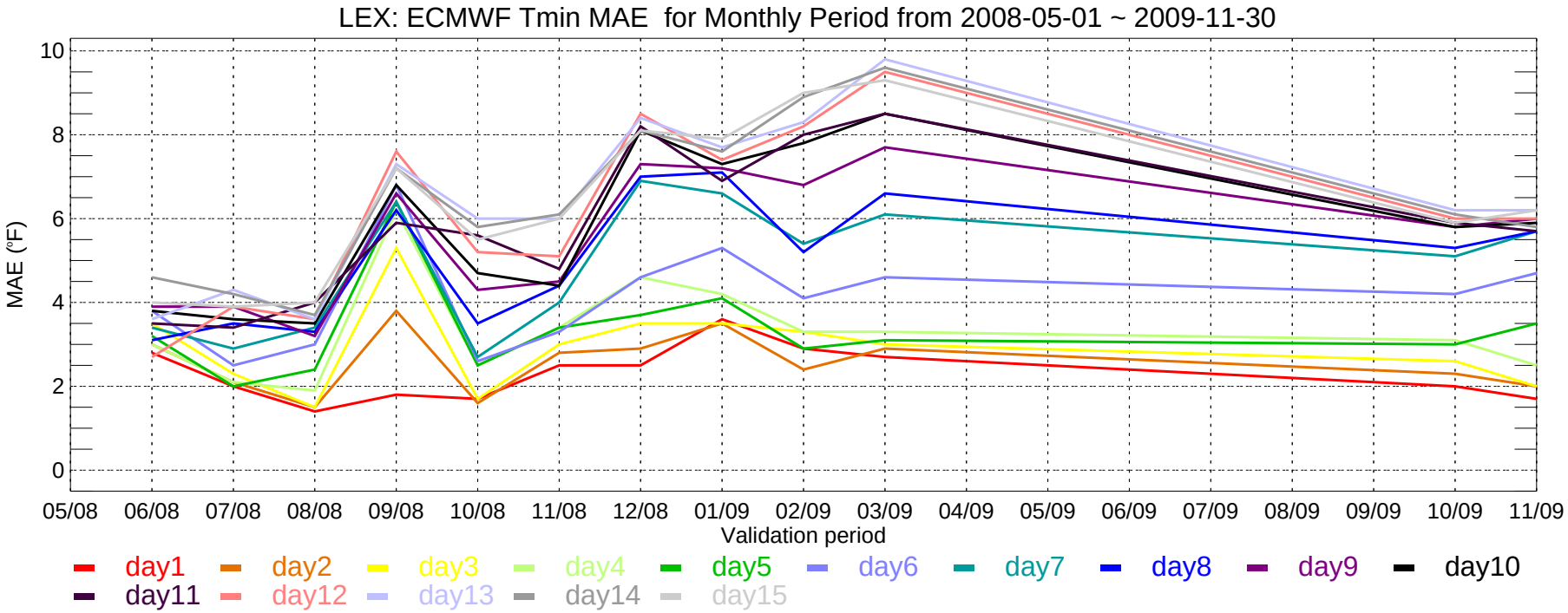
day13
day14
day15


LEX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
day7
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day10
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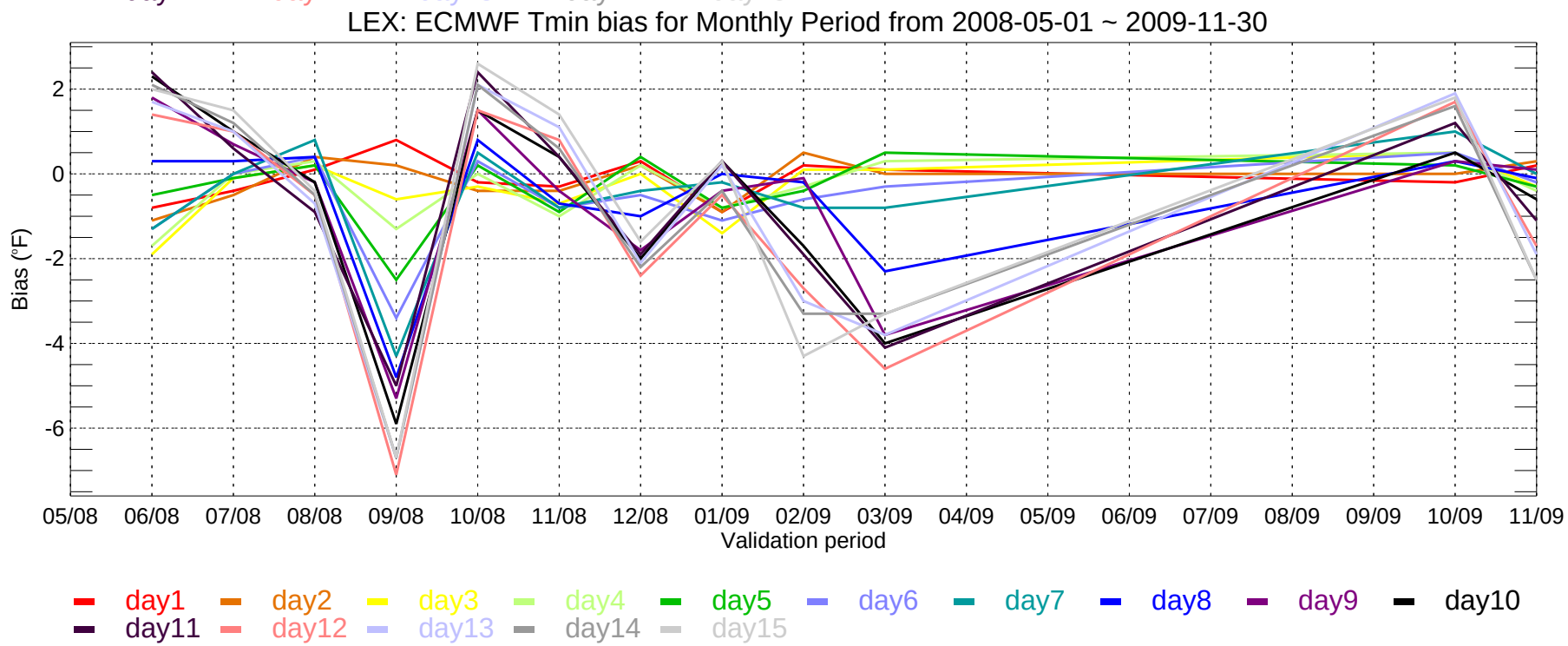
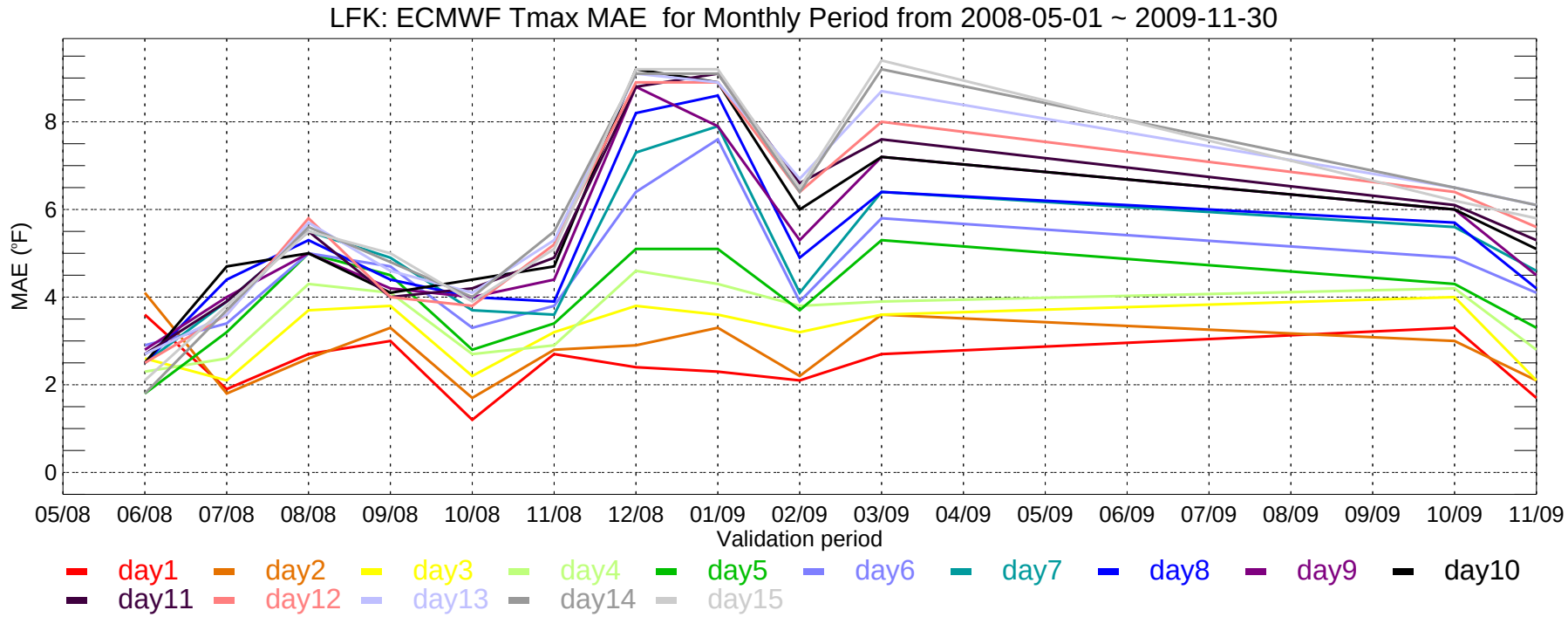
day14
day15


LEX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LFK: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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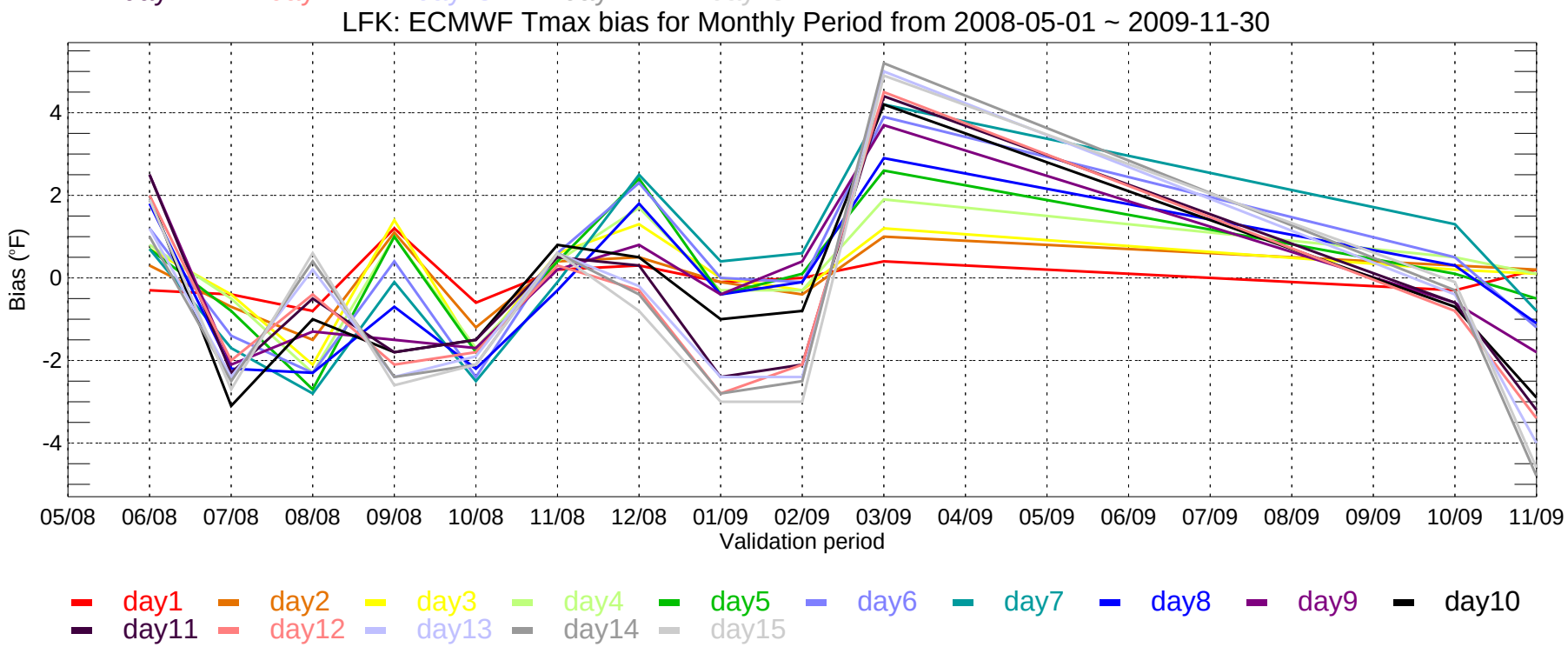
day10
day11
day12
day13
day14
day15


LFK: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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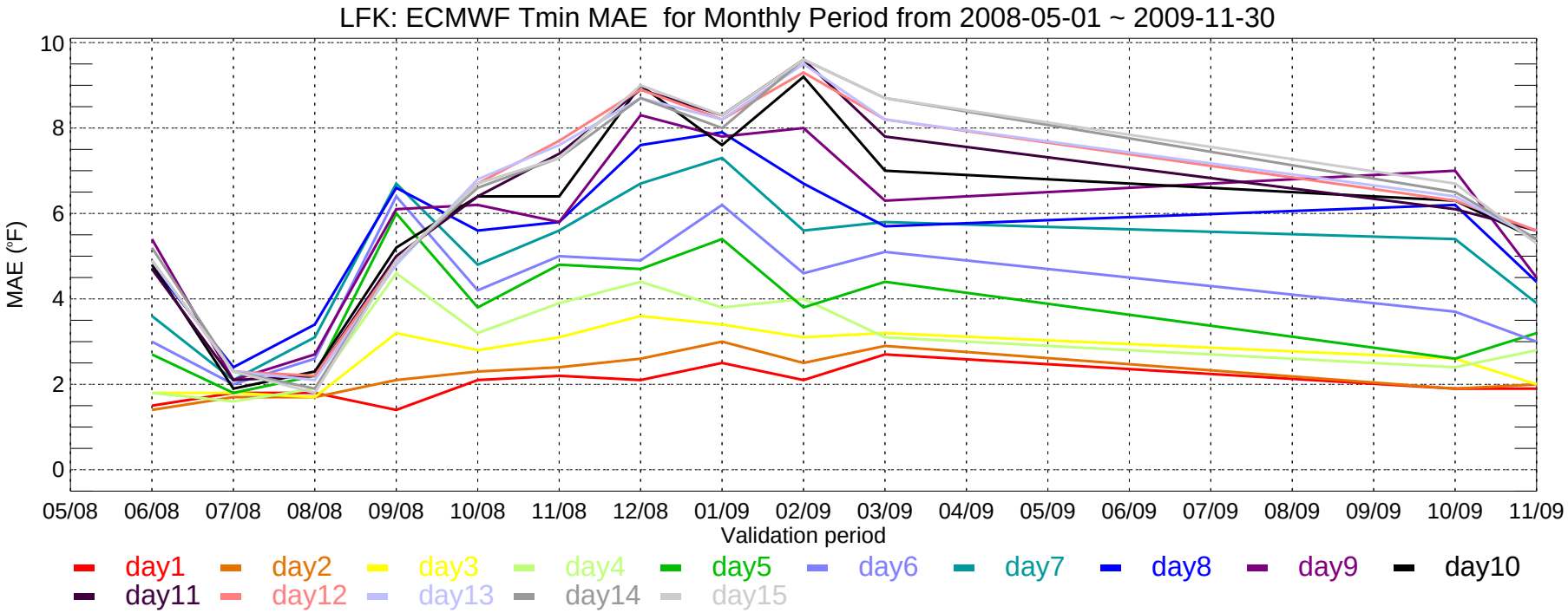
day13
day14
day15


LFK: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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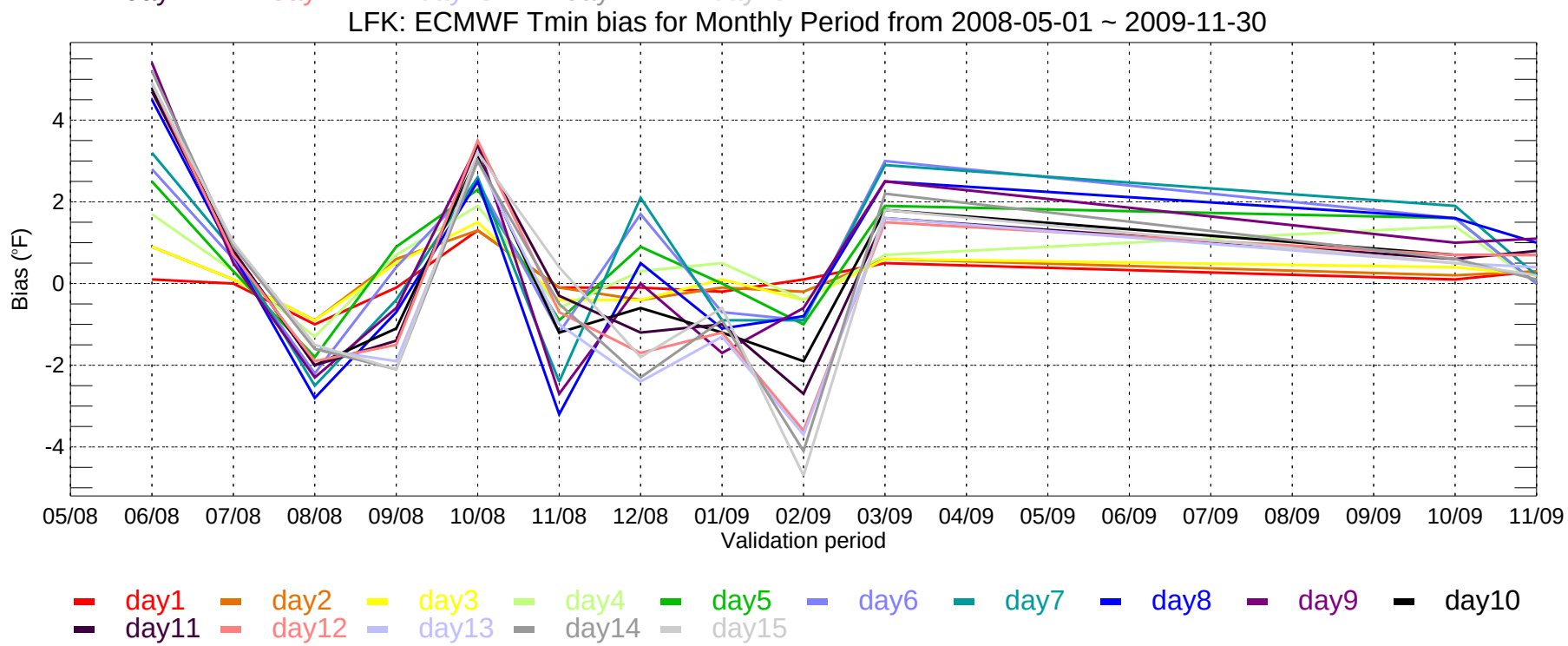
day10
day11
day12
day13
day14
day15


LFK: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
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day6
day7
day8
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day11
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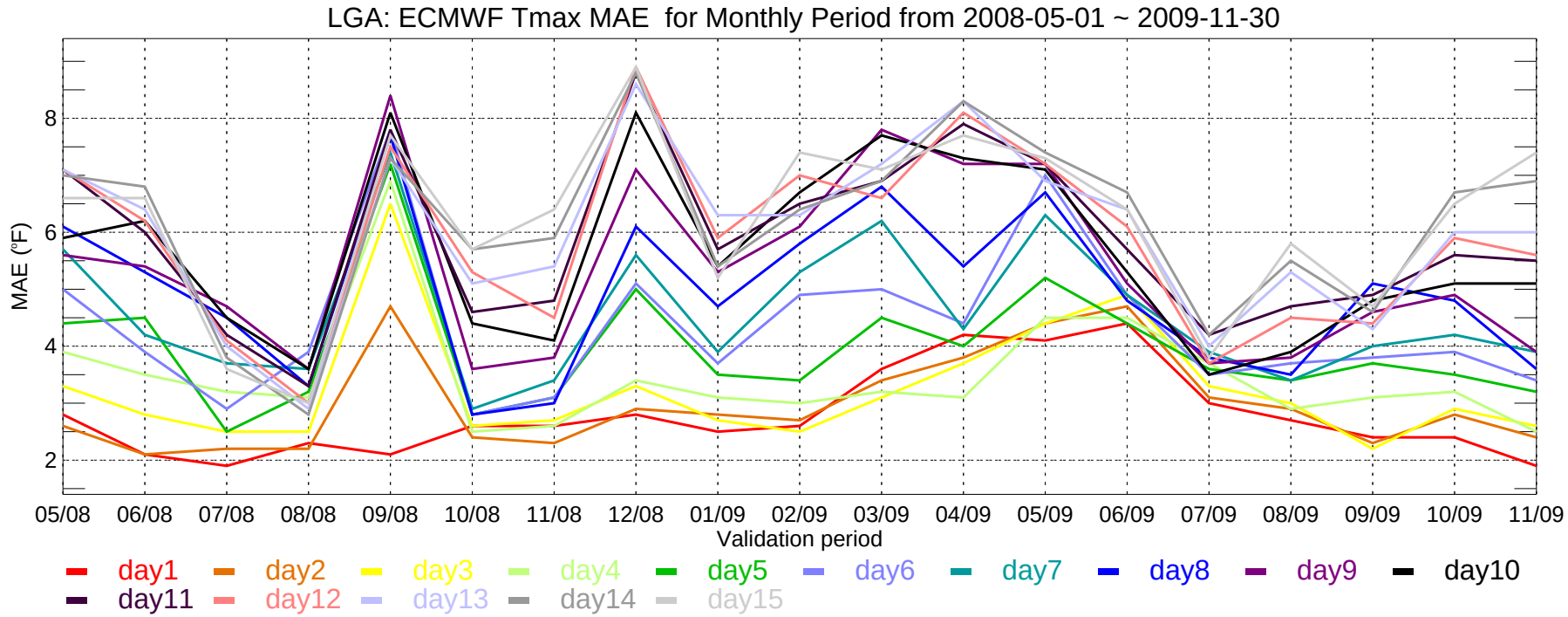
day13
day14
day15


LGA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
day11
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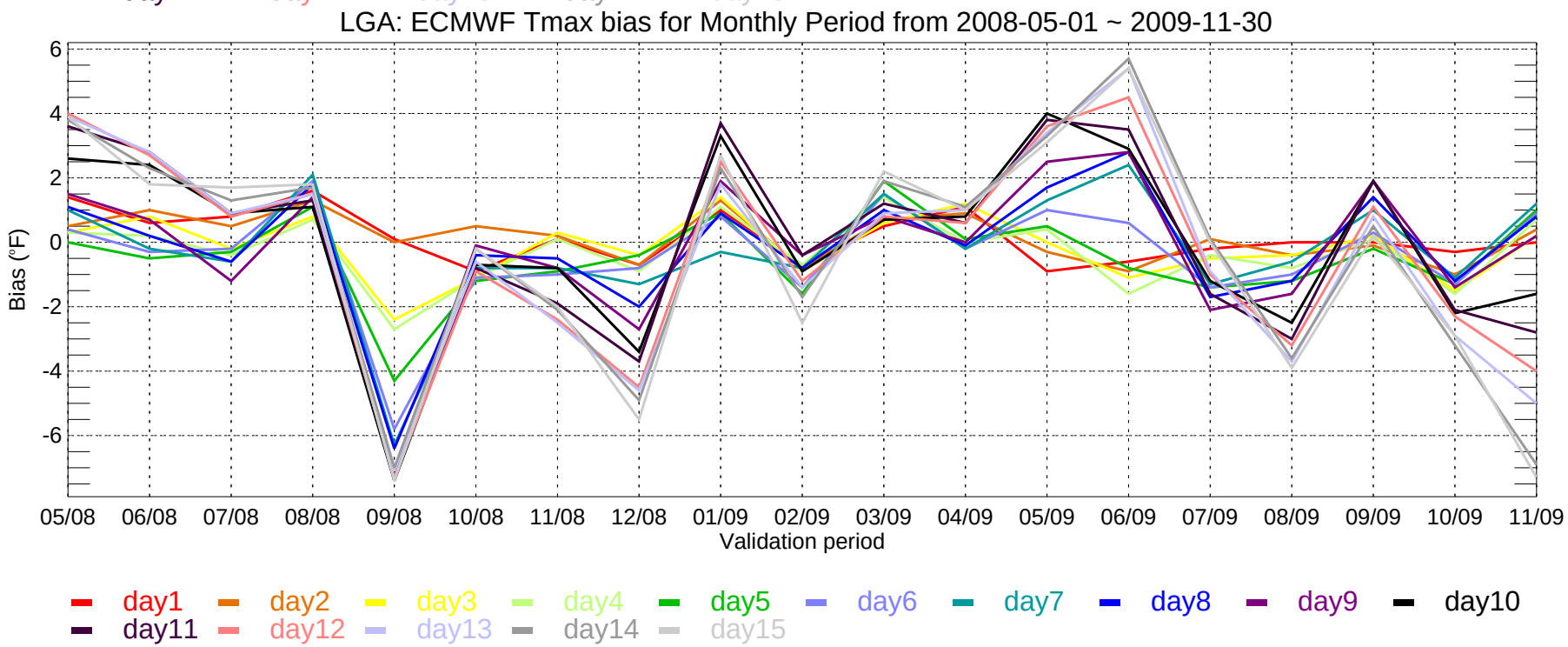
day13
day14
day15


LGA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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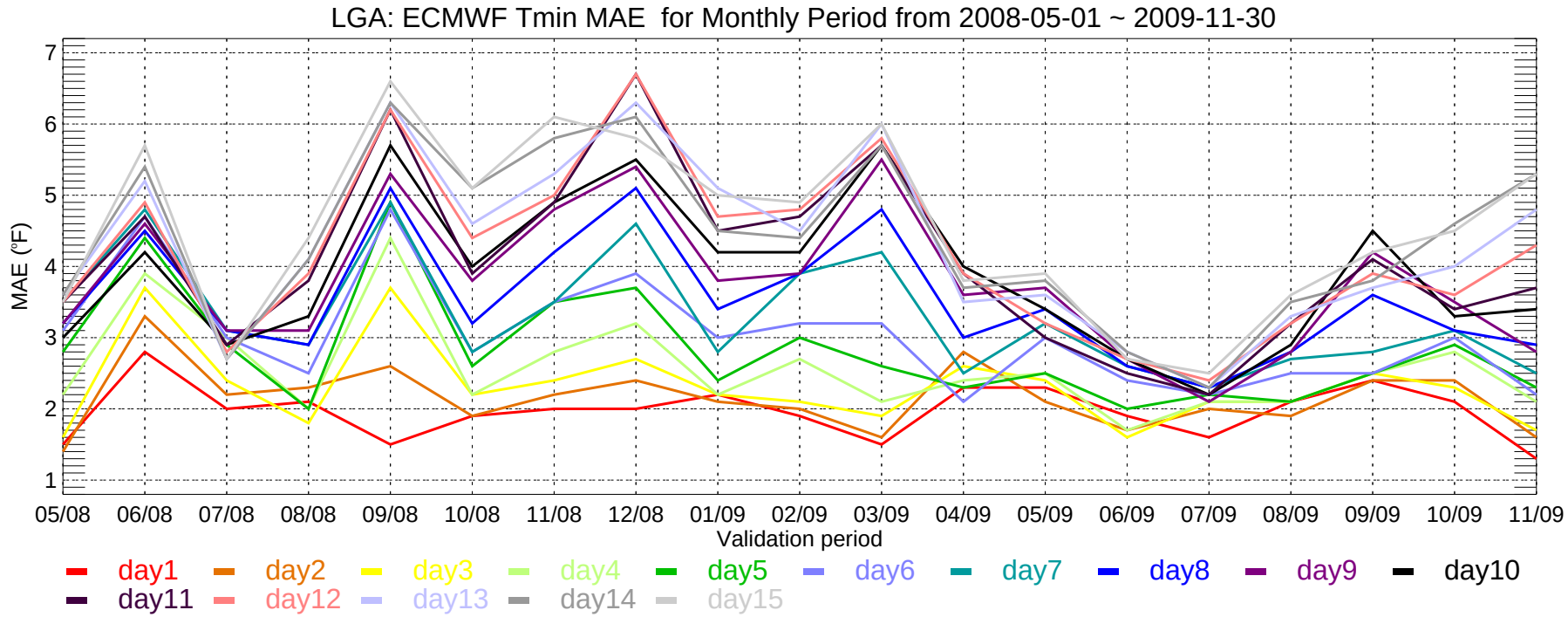
day13
day14
day15


LGA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
7
6
5
4
3
2
1
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
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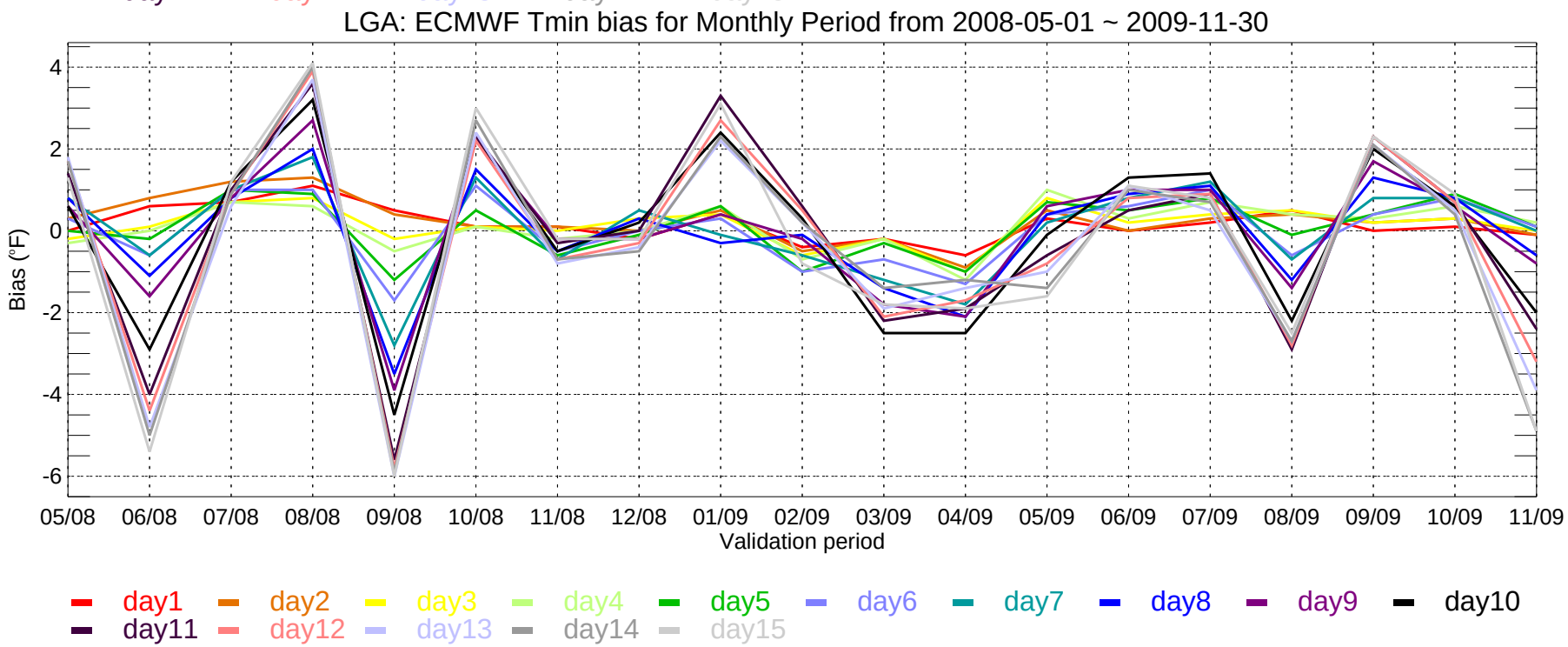
day14
day15


LGA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
day1
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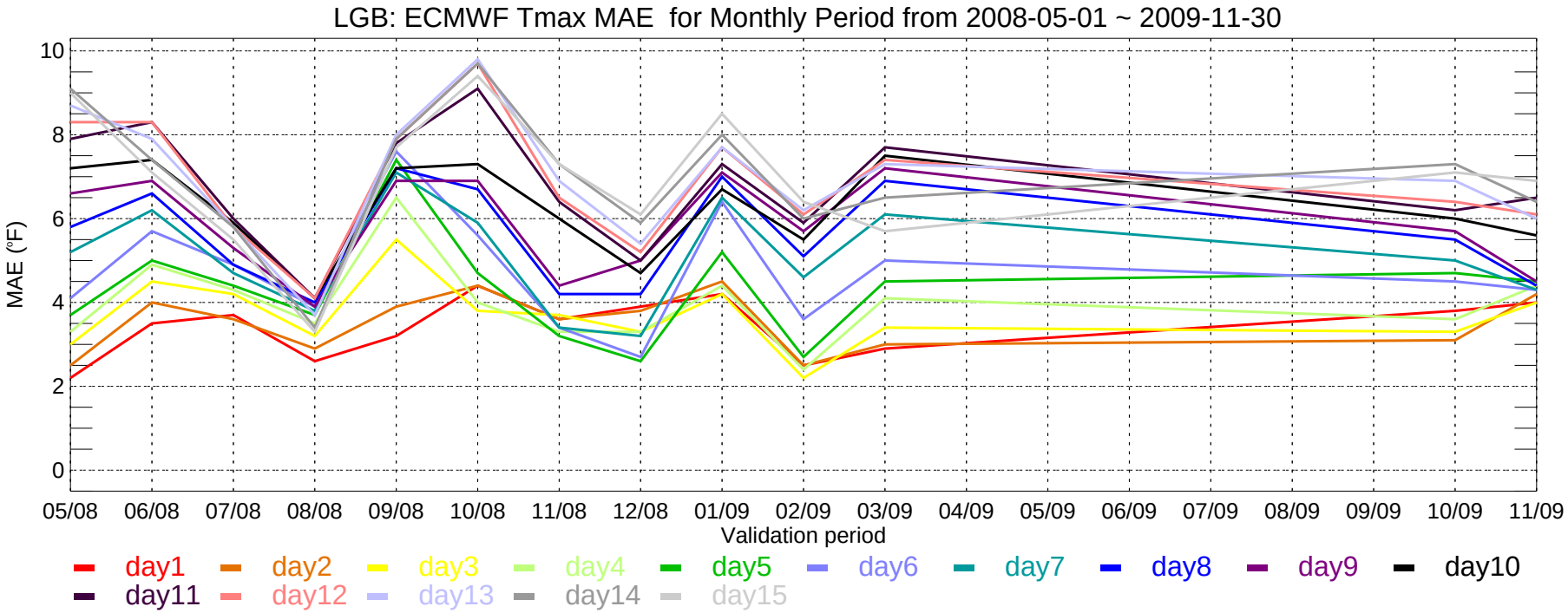
day15


LGB: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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05/09
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11/09
Validation period
day1
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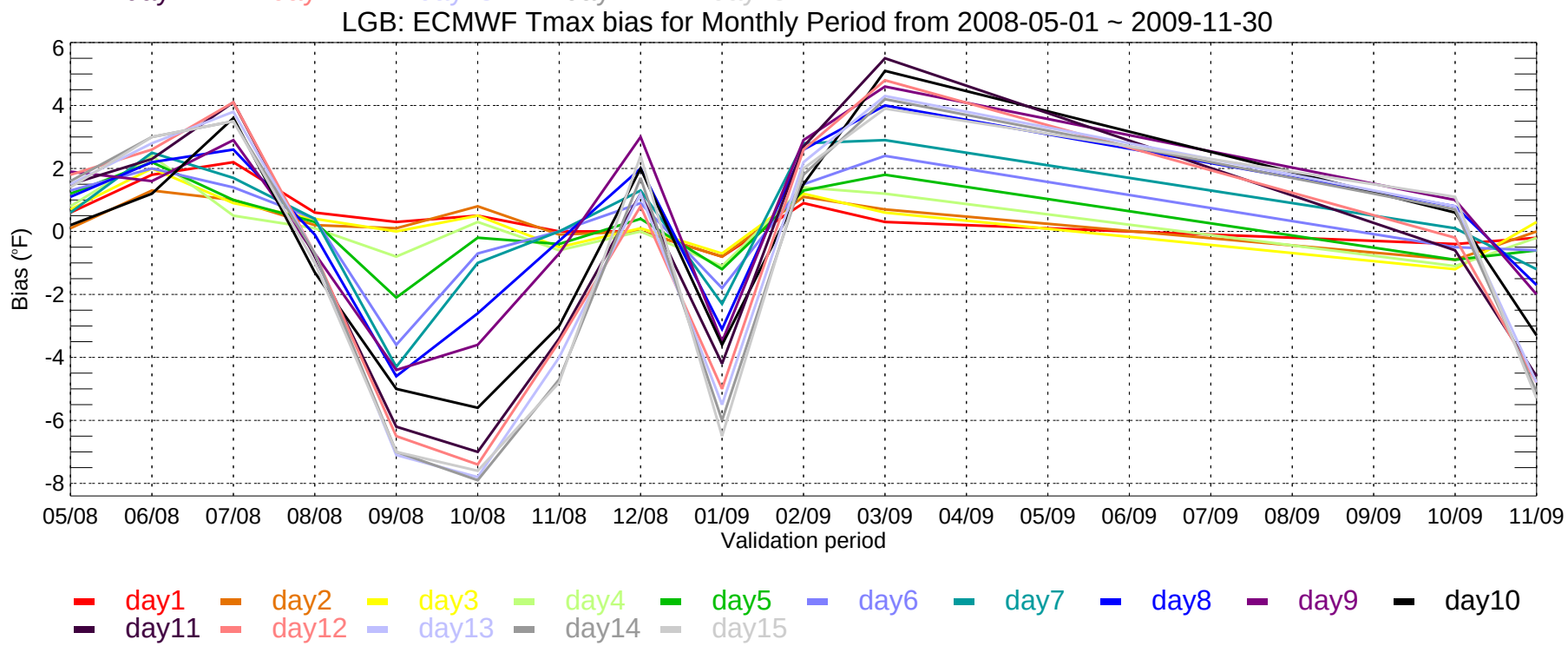
day14
day15


LGB: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
day1
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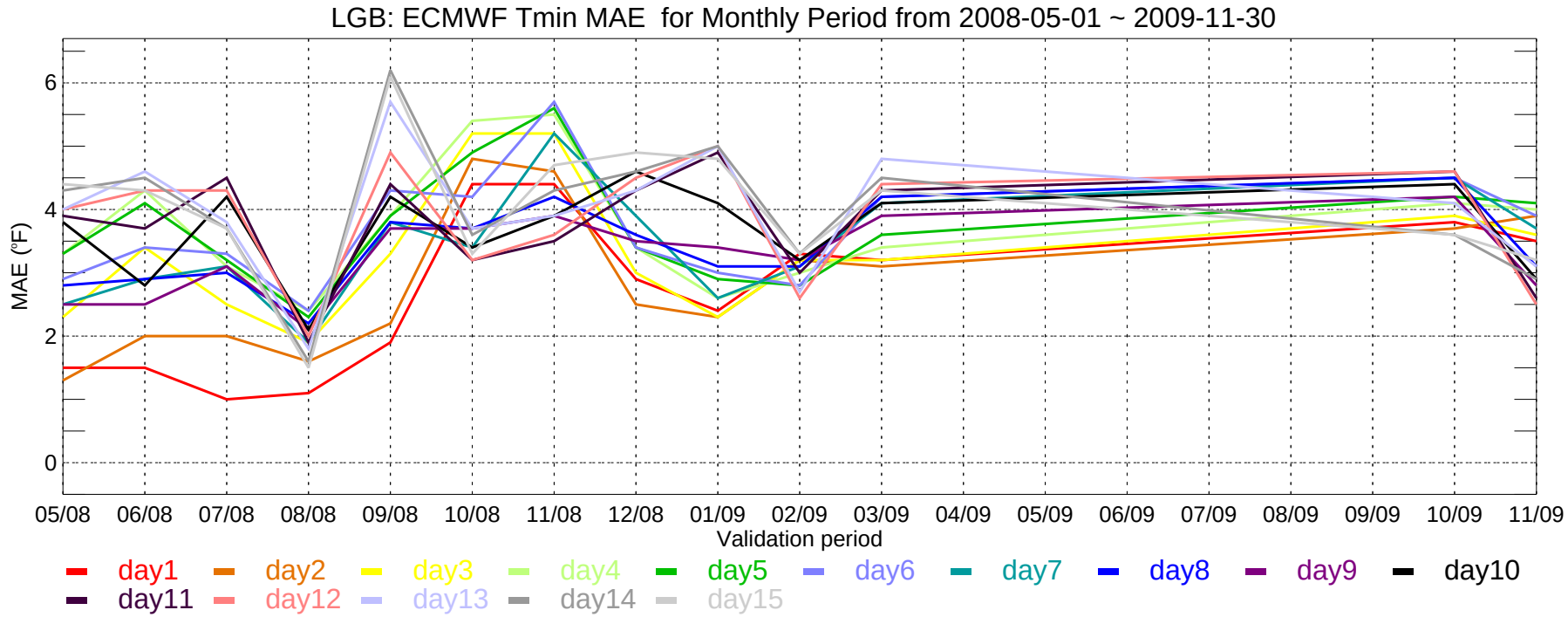
day14
day15


LGB: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
day1
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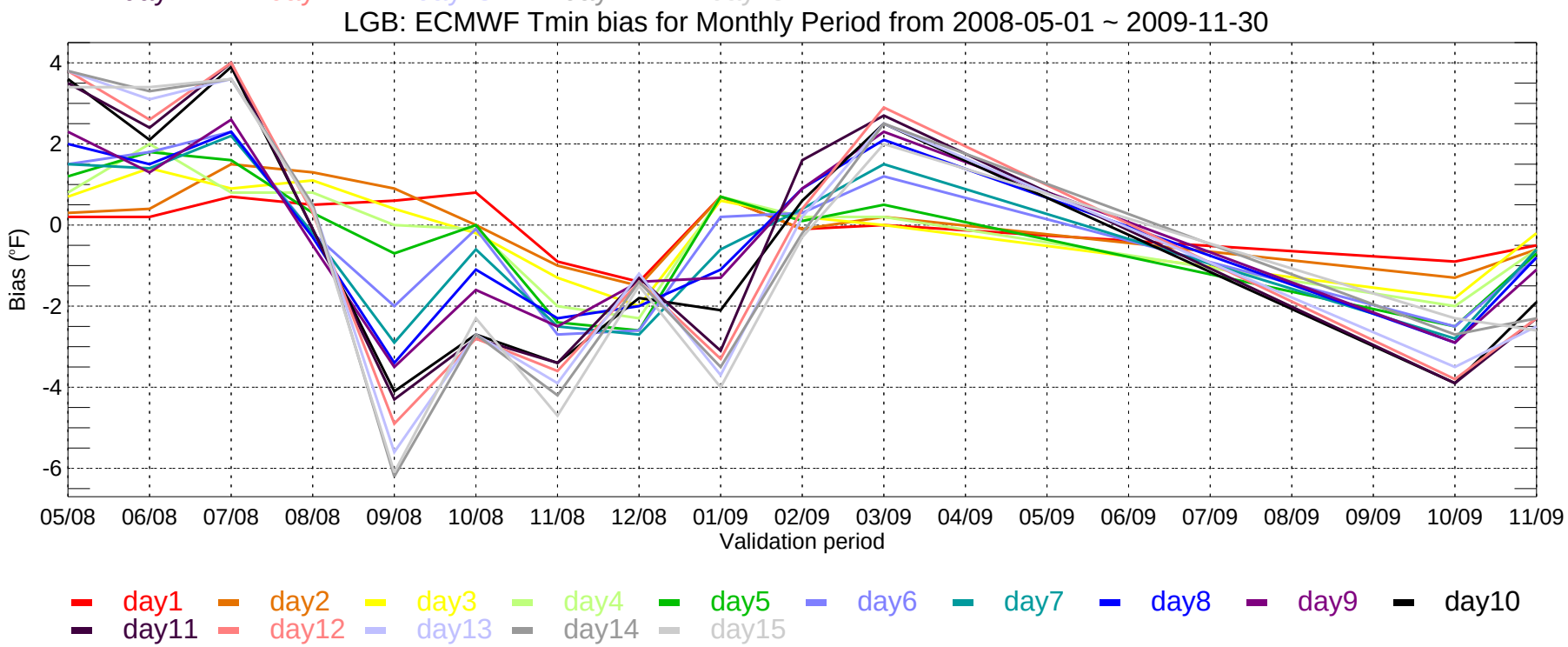
day15


LGB: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
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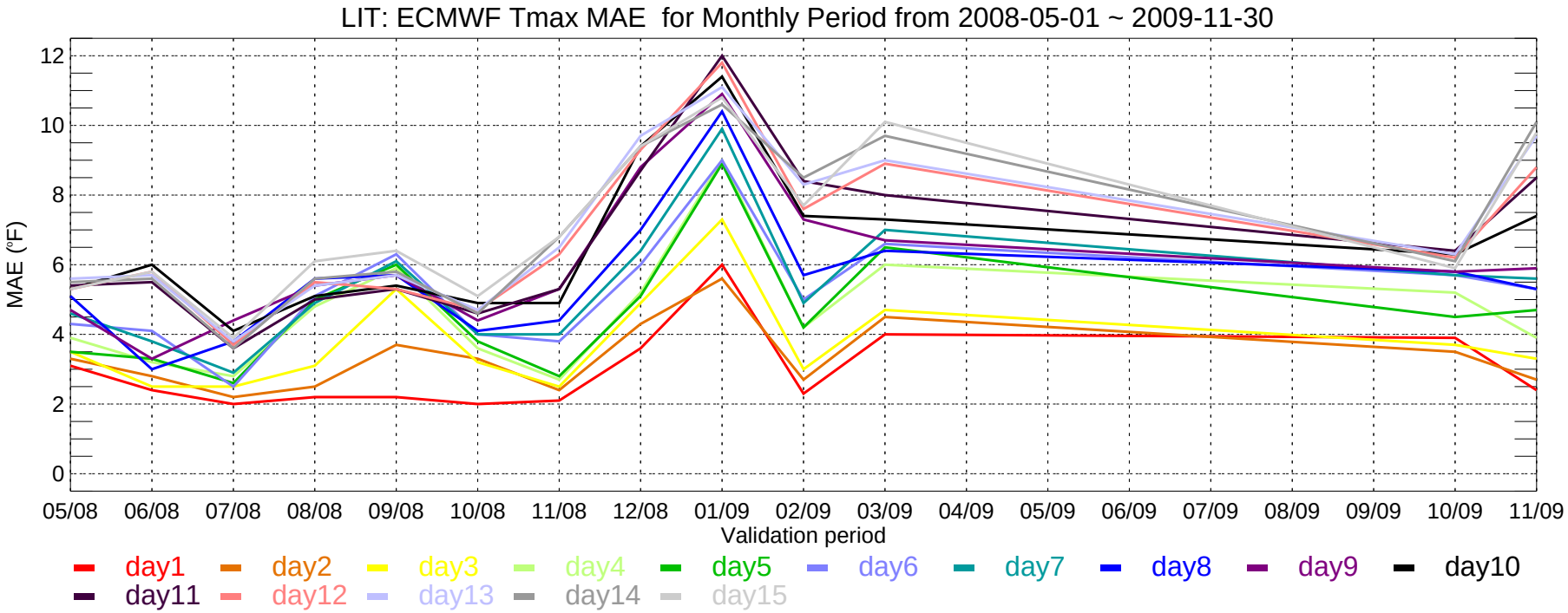
day14
day15


LIT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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08/09
09/09
10/09
11/09
Validation period
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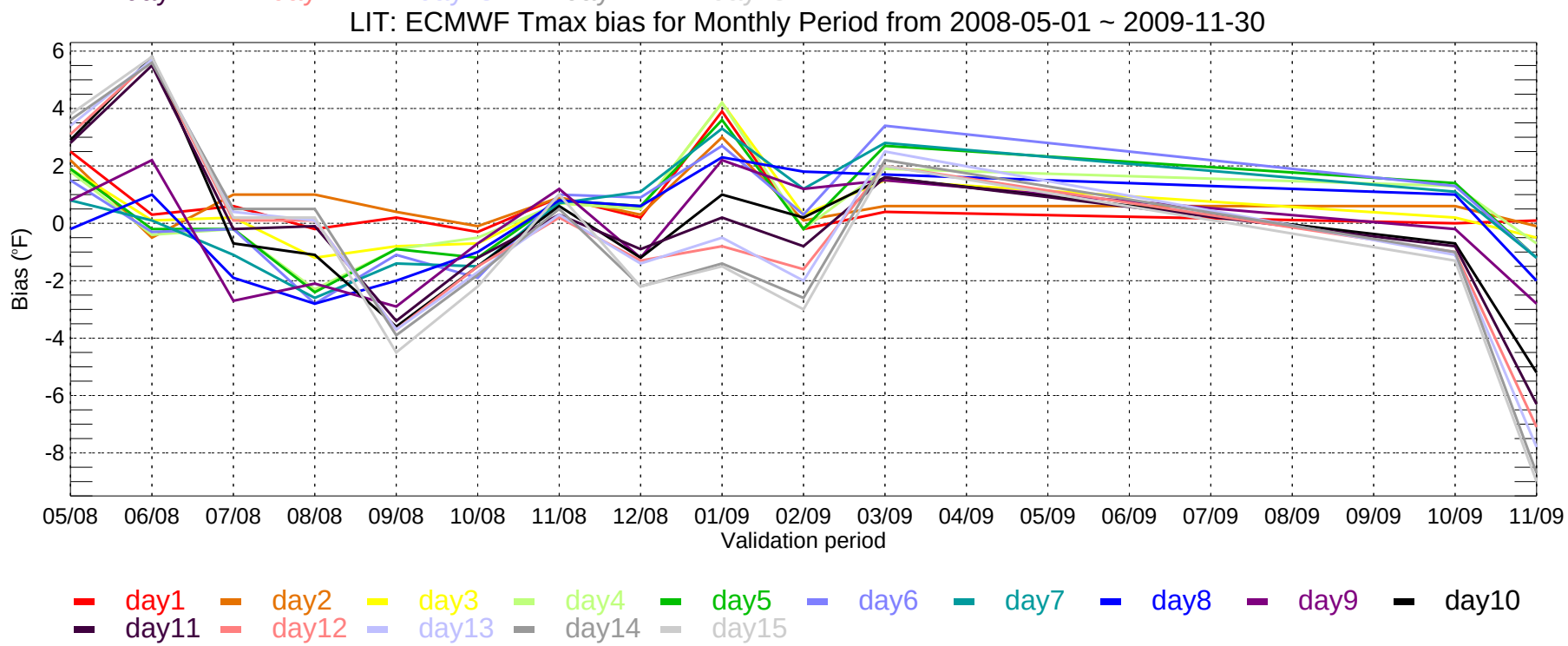
LIT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
11/09
Validation period
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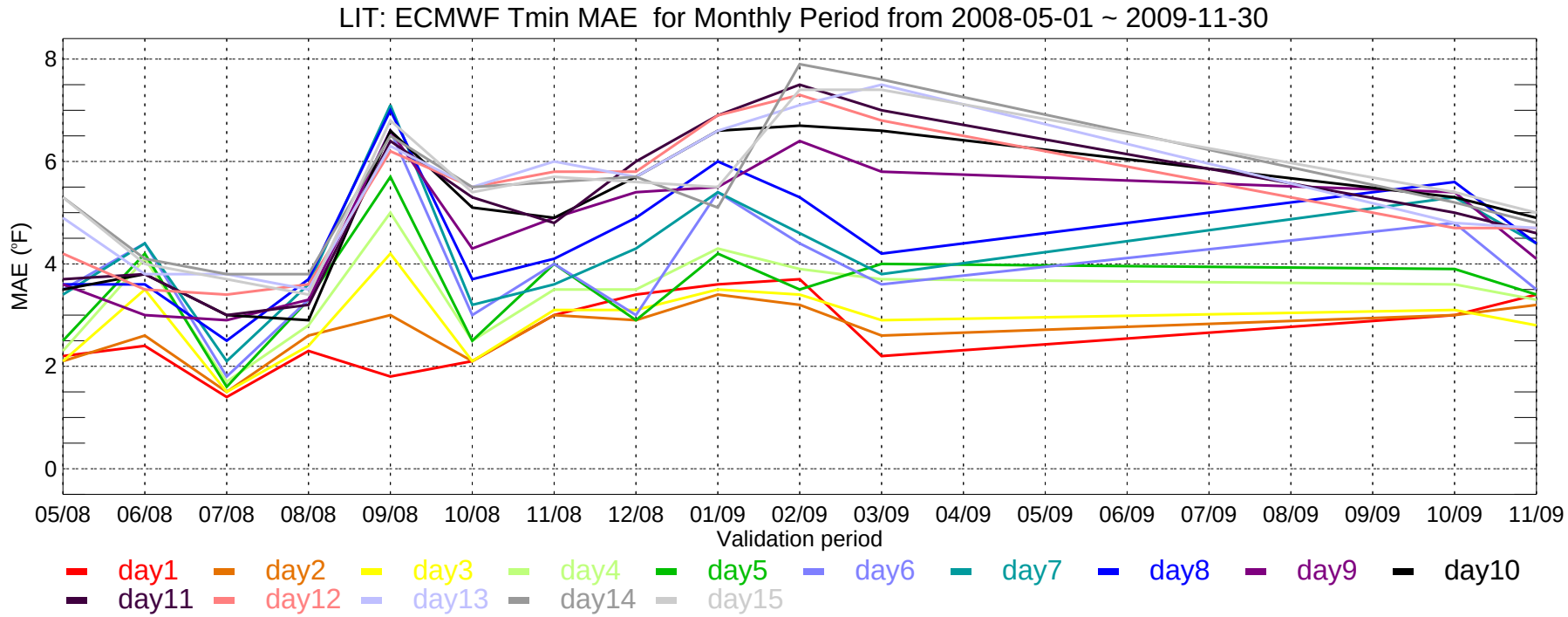
LIT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
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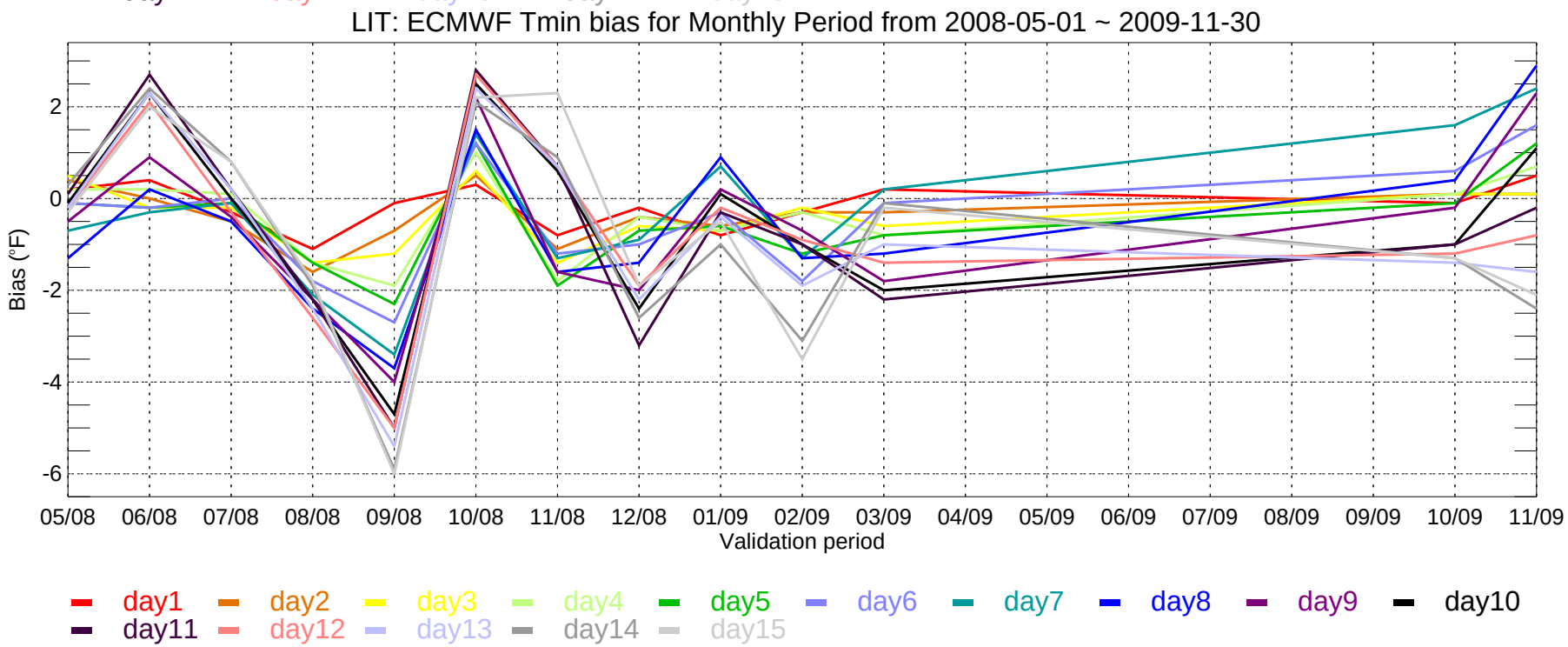
LIT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
11/09
Validation period
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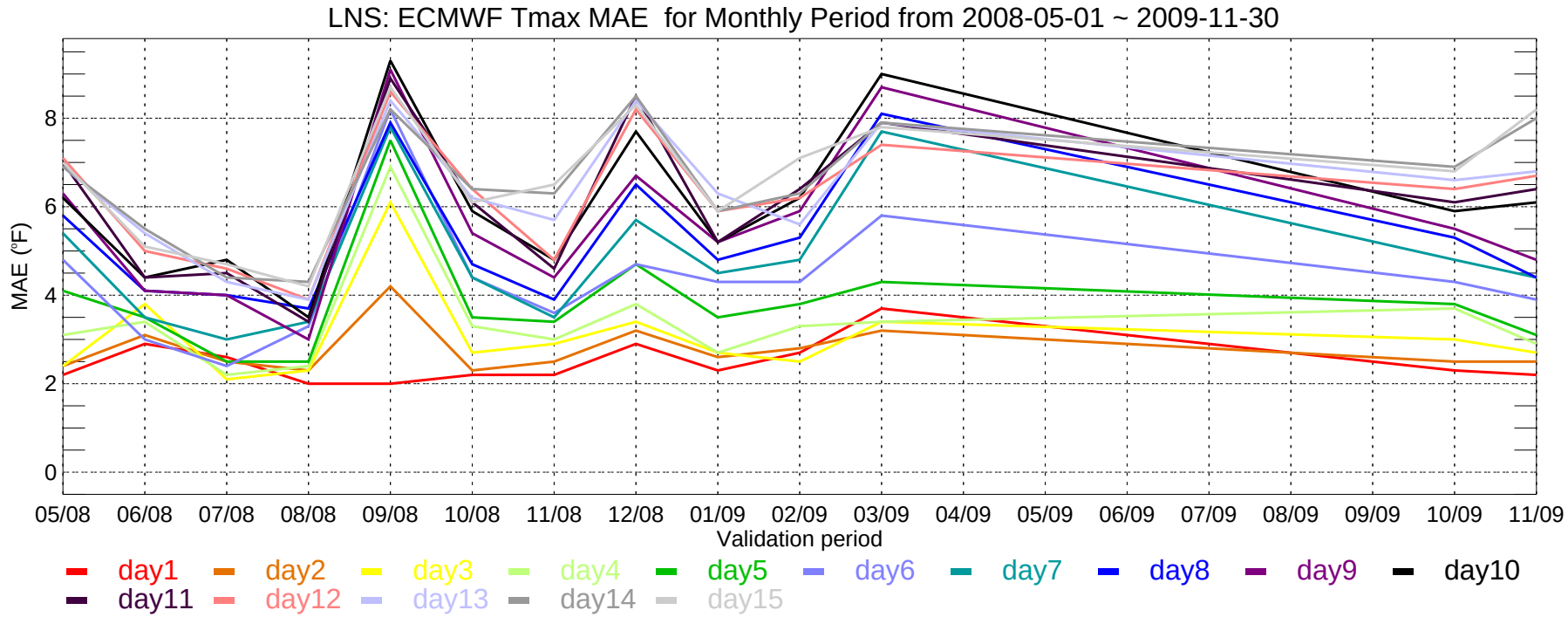
day15


LNS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
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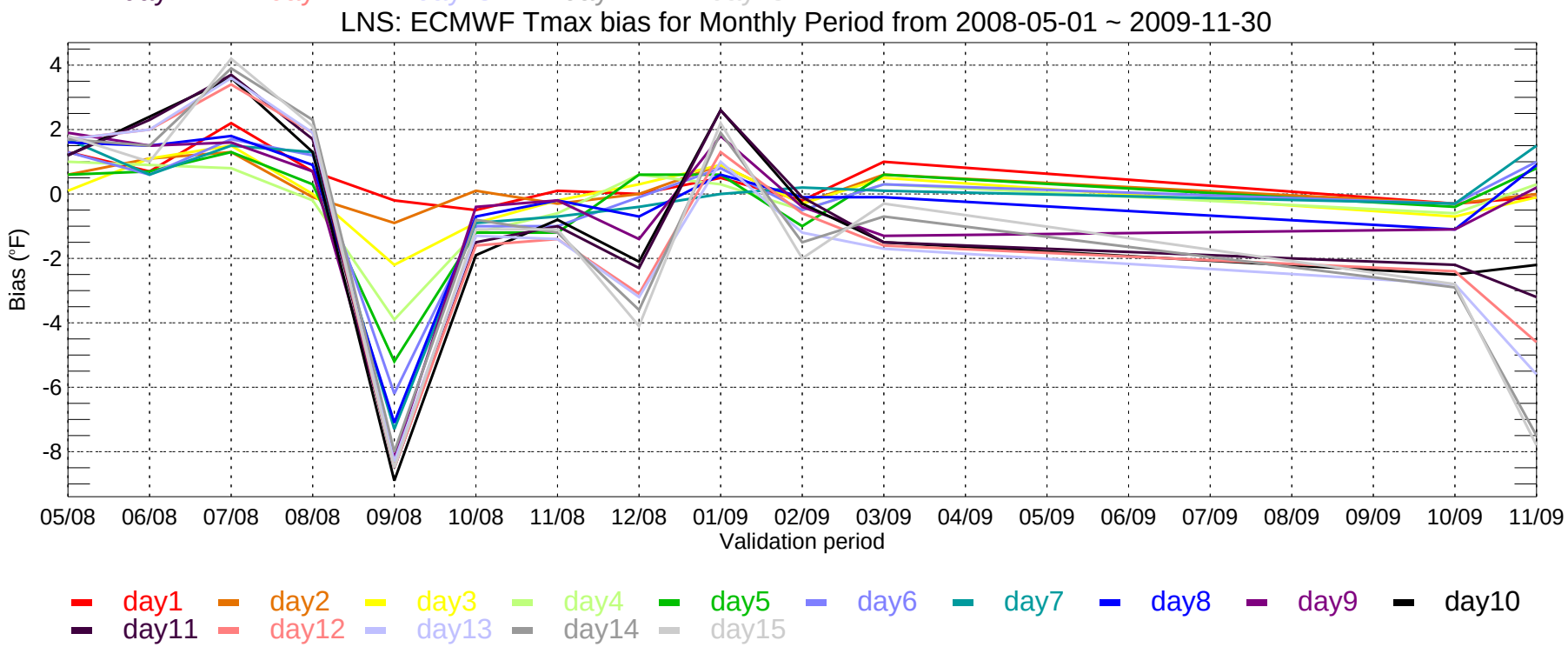
LNS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
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-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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04/09
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11/09
Validation period
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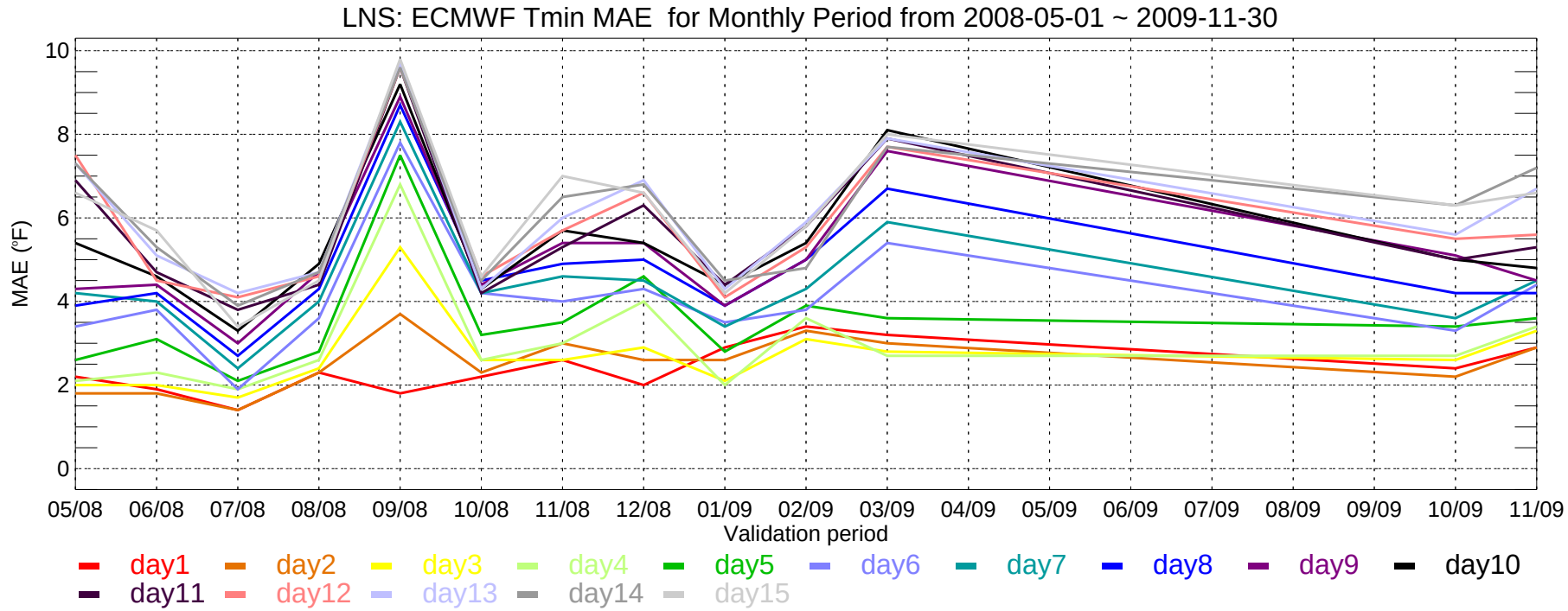
LNS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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11/09
Validation period
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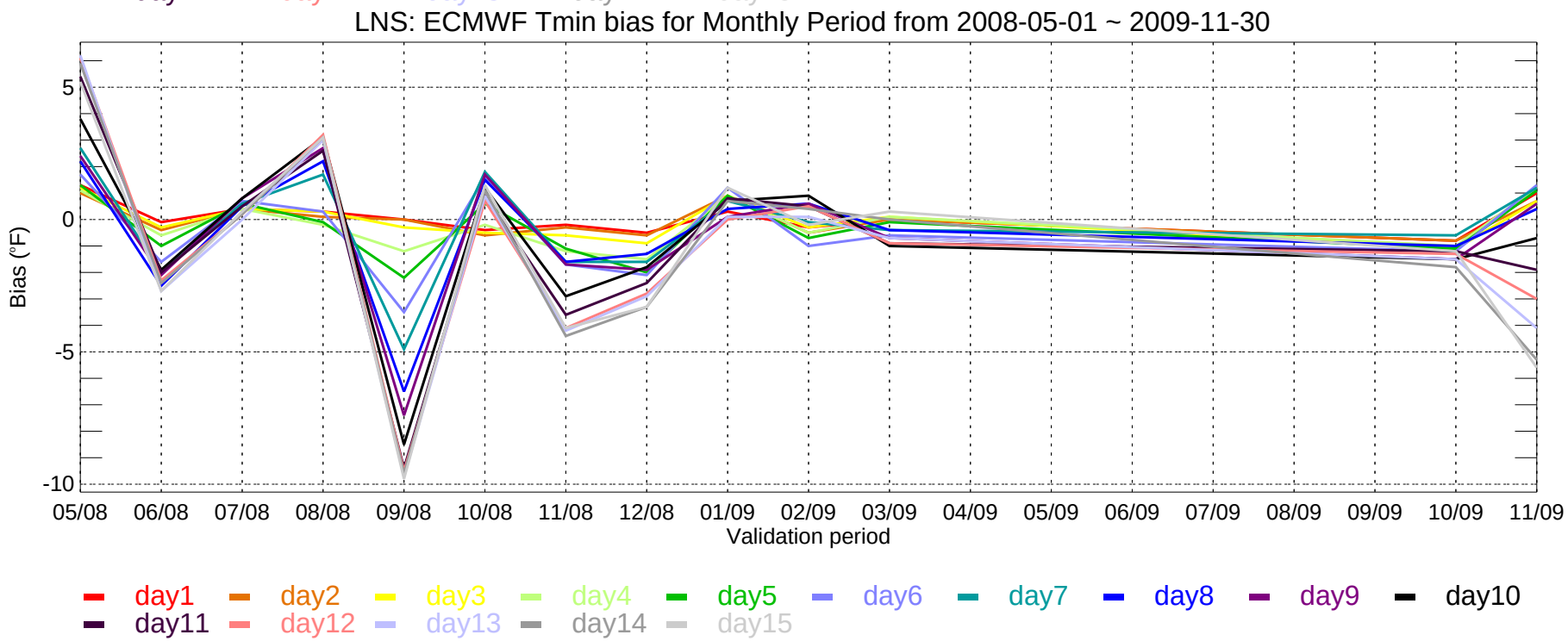
LNS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
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09/09
10/09
11/09
Validation period
day1
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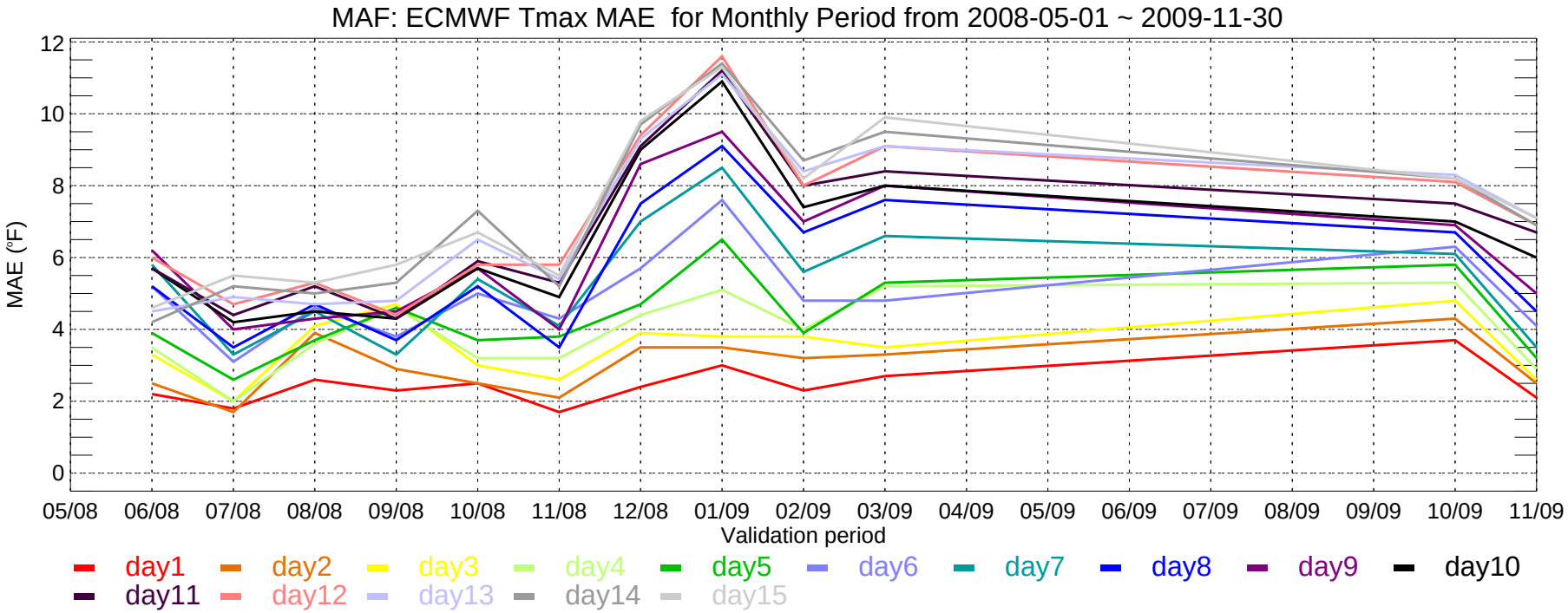
MAF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
12
10
8
6
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2
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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10/09
11/09
Validation period
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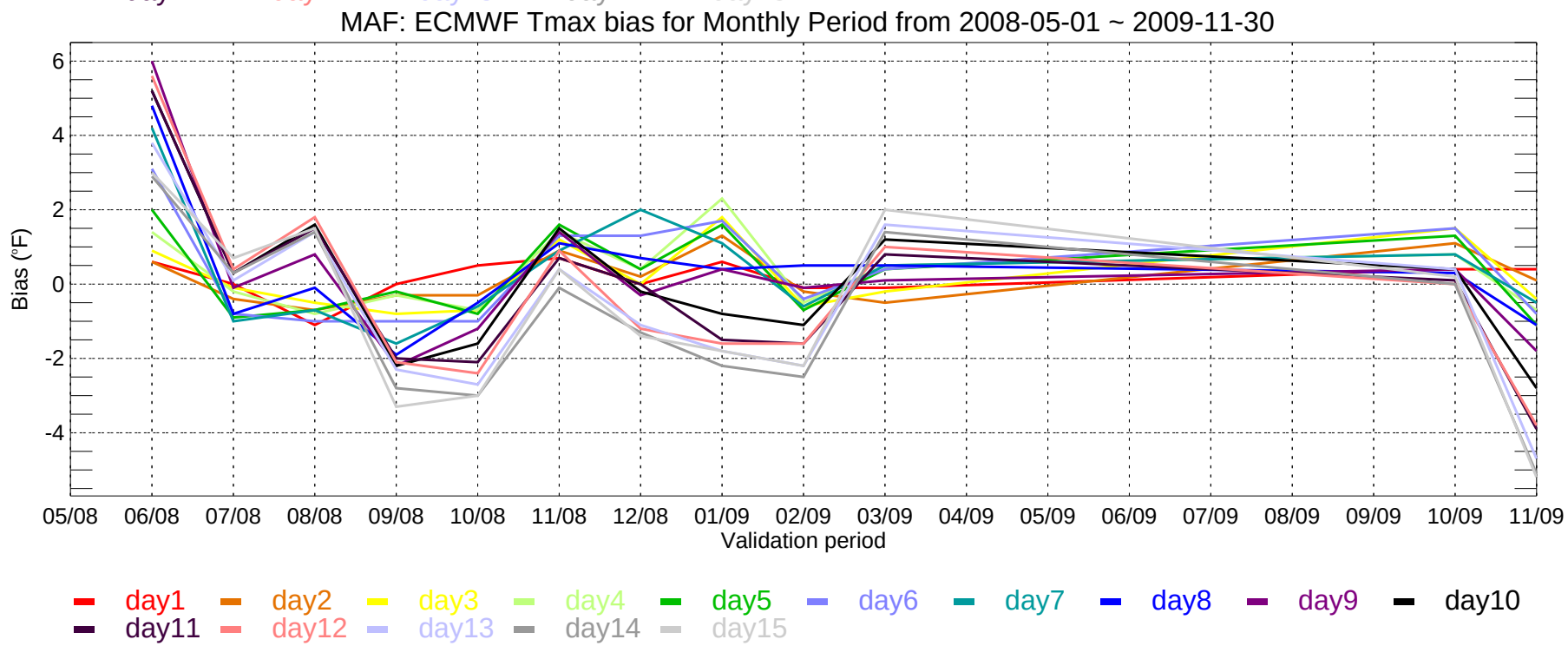
MAF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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05/09
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10/09
11/09
Validation period
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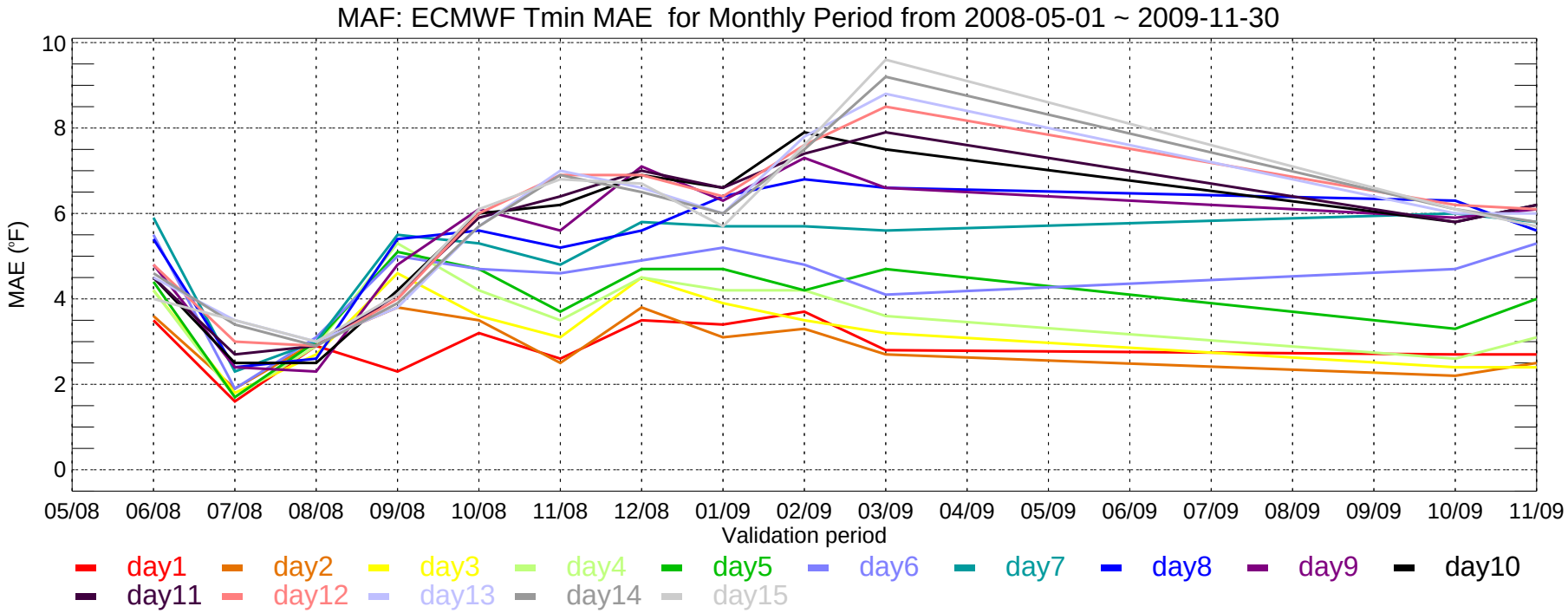
MAF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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11/09
Validation period
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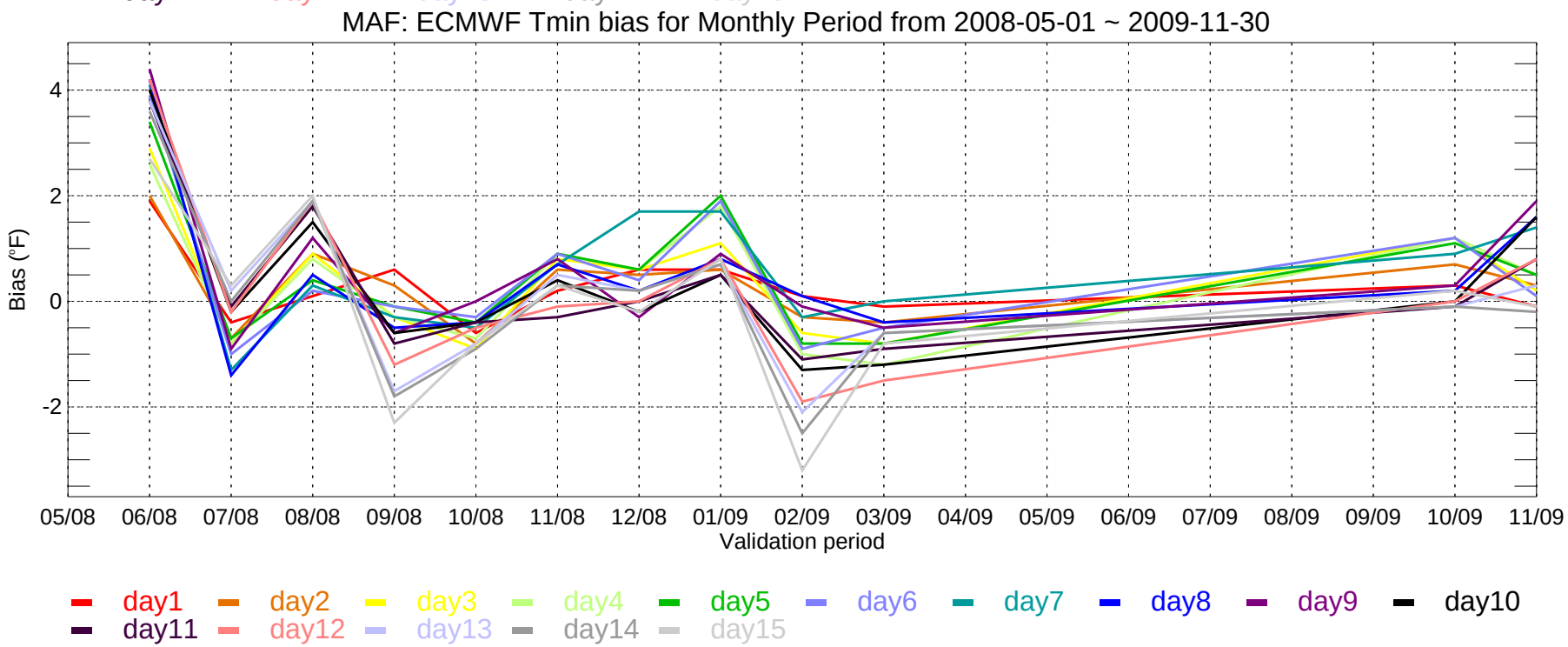
MAF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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09/09
10/09
11/09
Validation period
day1
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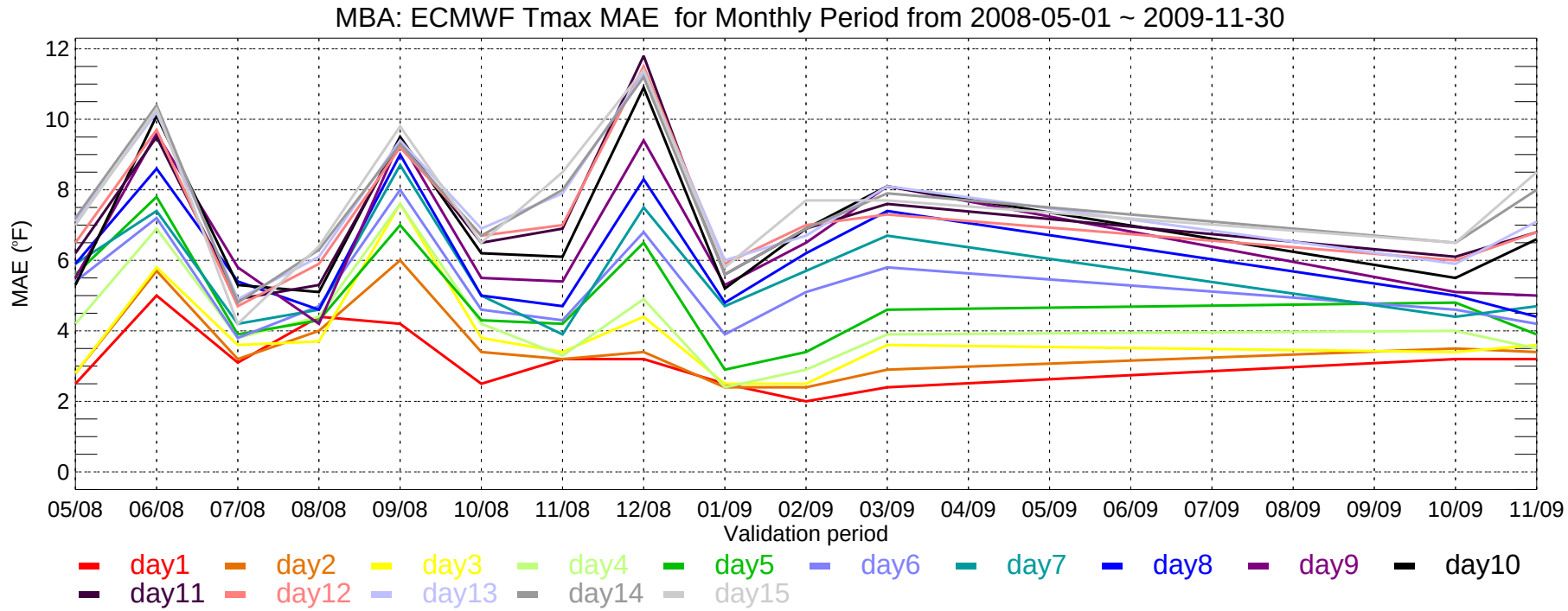
MBA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
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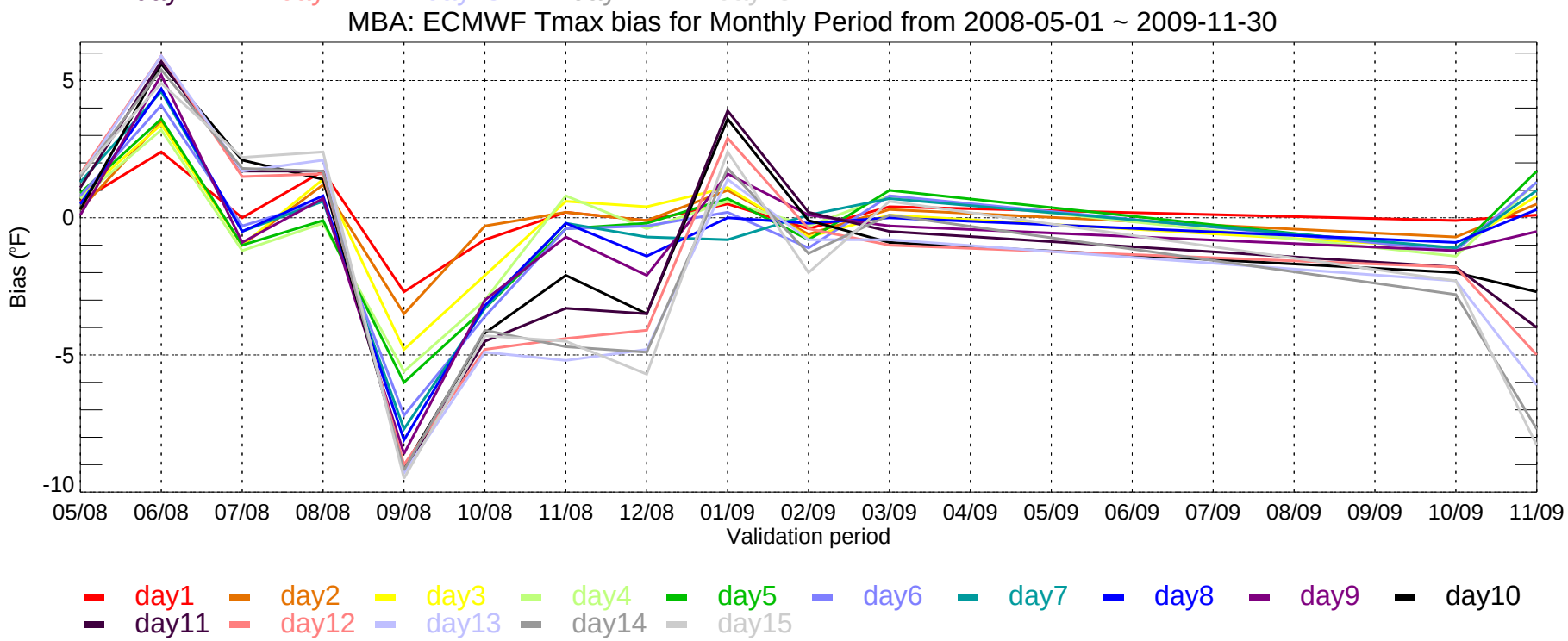
MBA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
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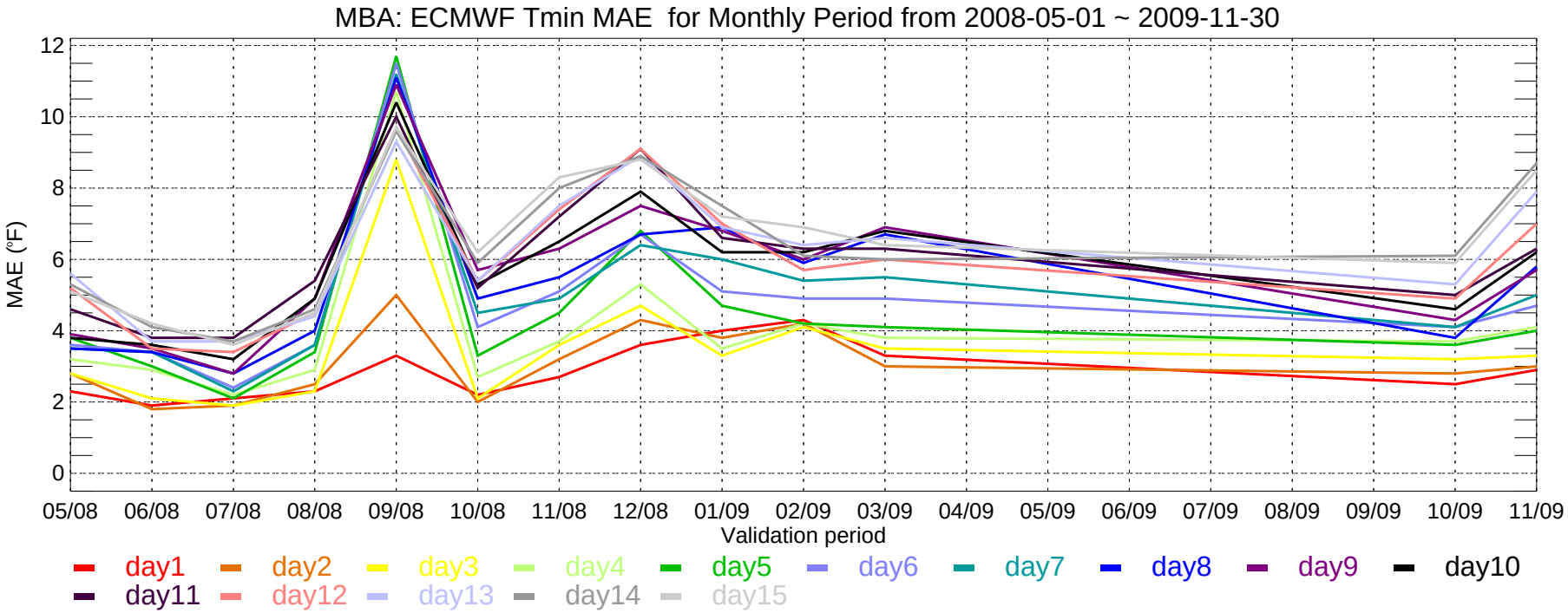
MBA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
12
10
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4
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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11/09
Validation period
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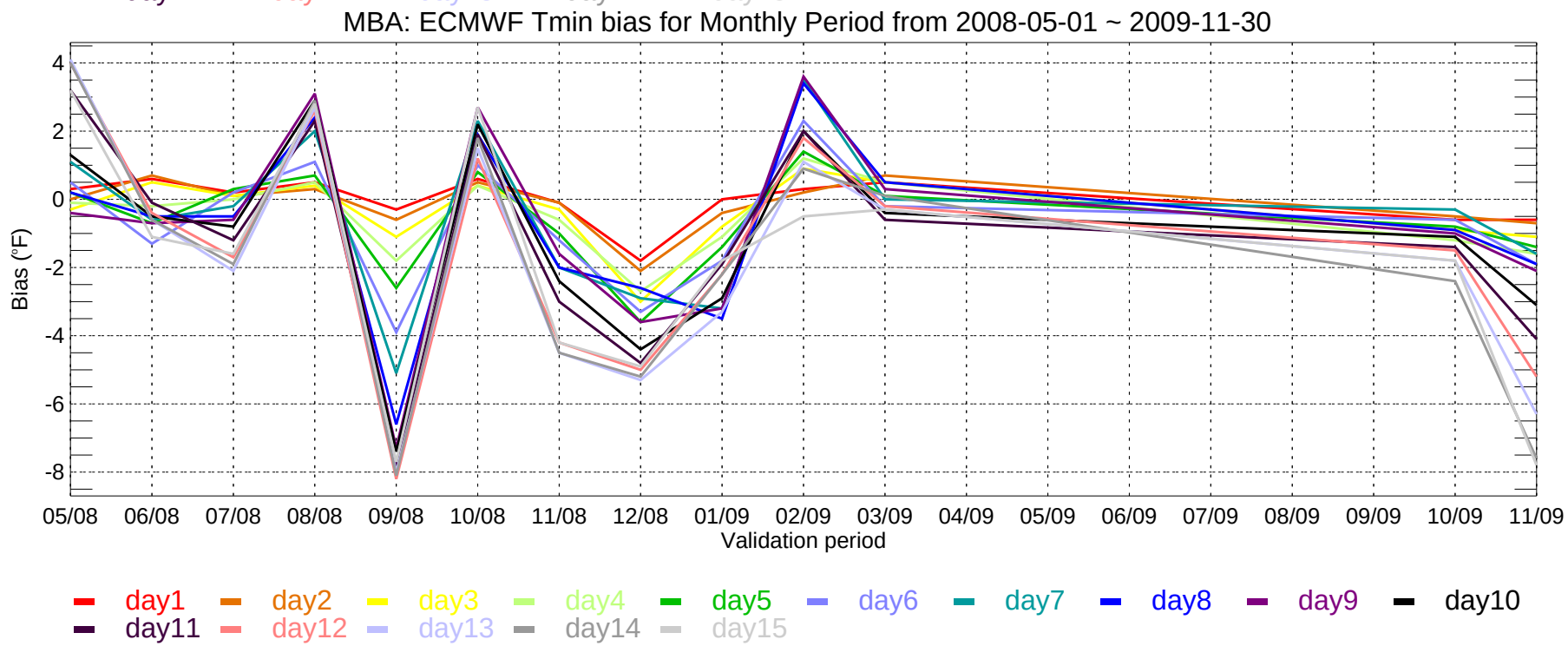
MBA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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11/09
Validation period
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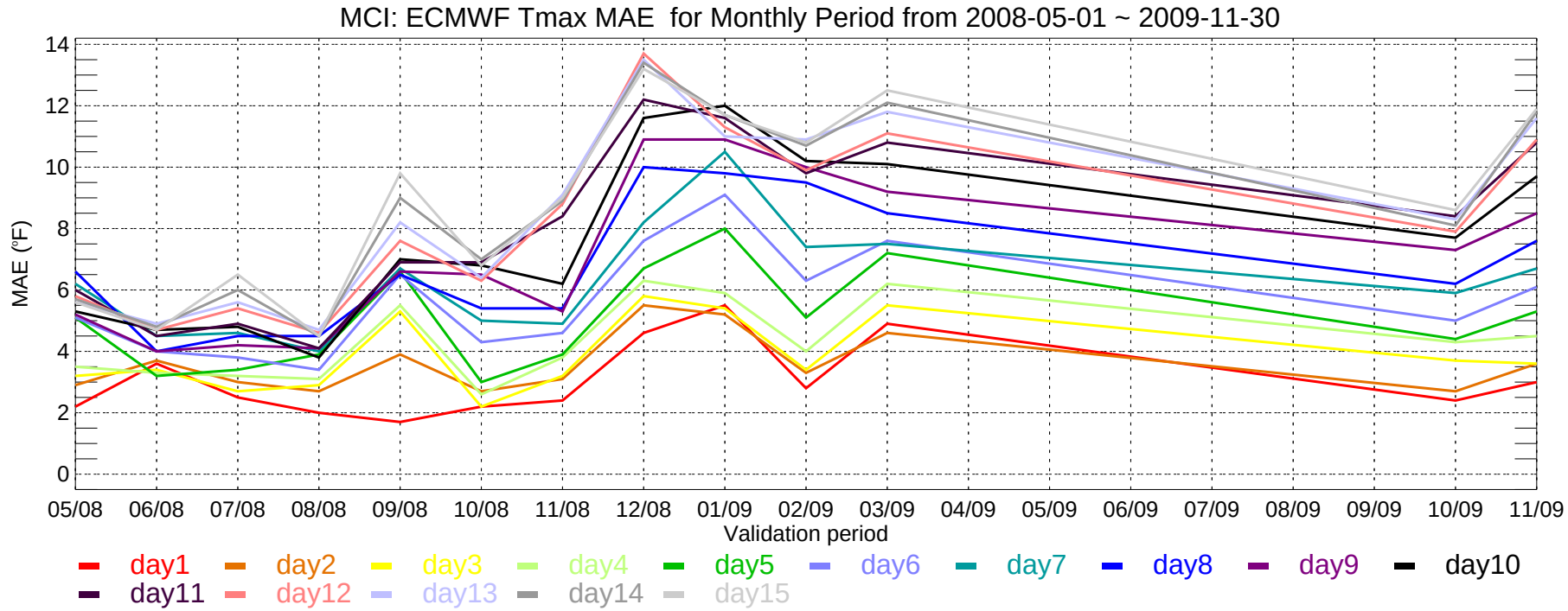
MCI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
12
14
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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10/09
11/09
Validation period
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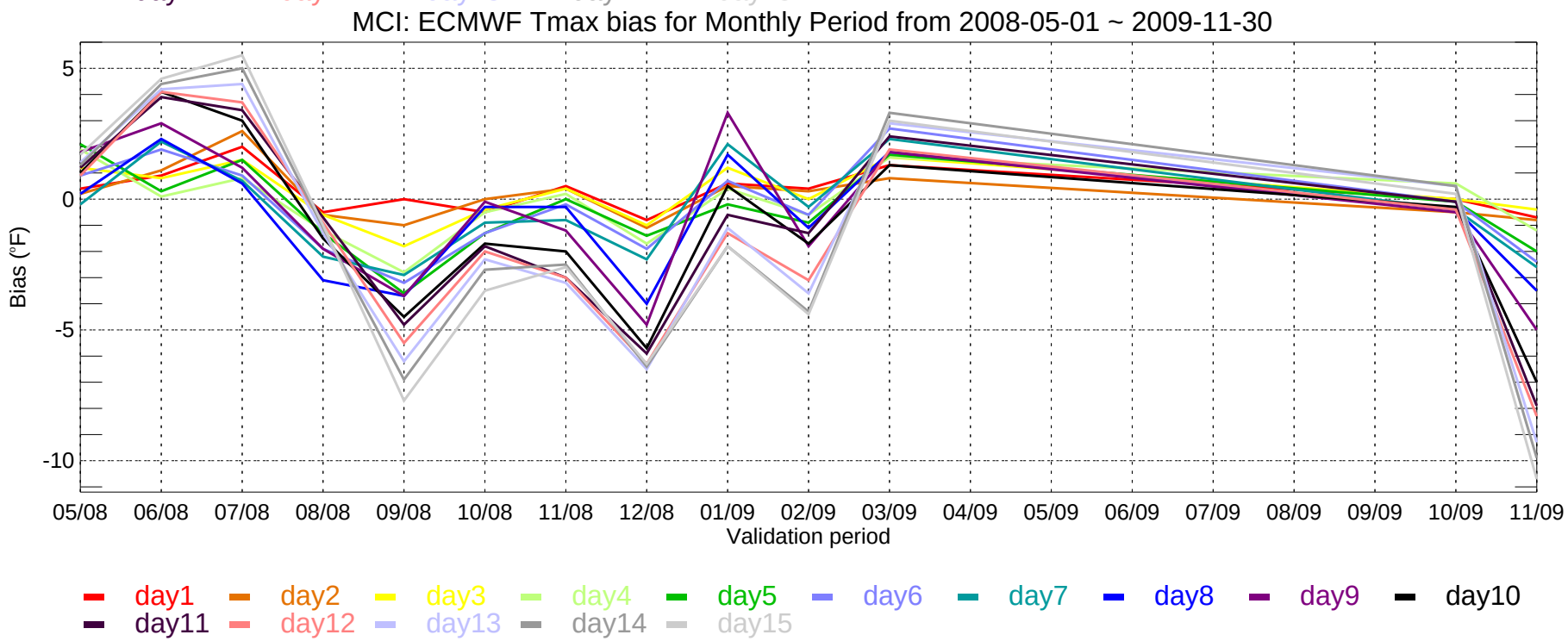
day15


MCI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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11/09
Validation period
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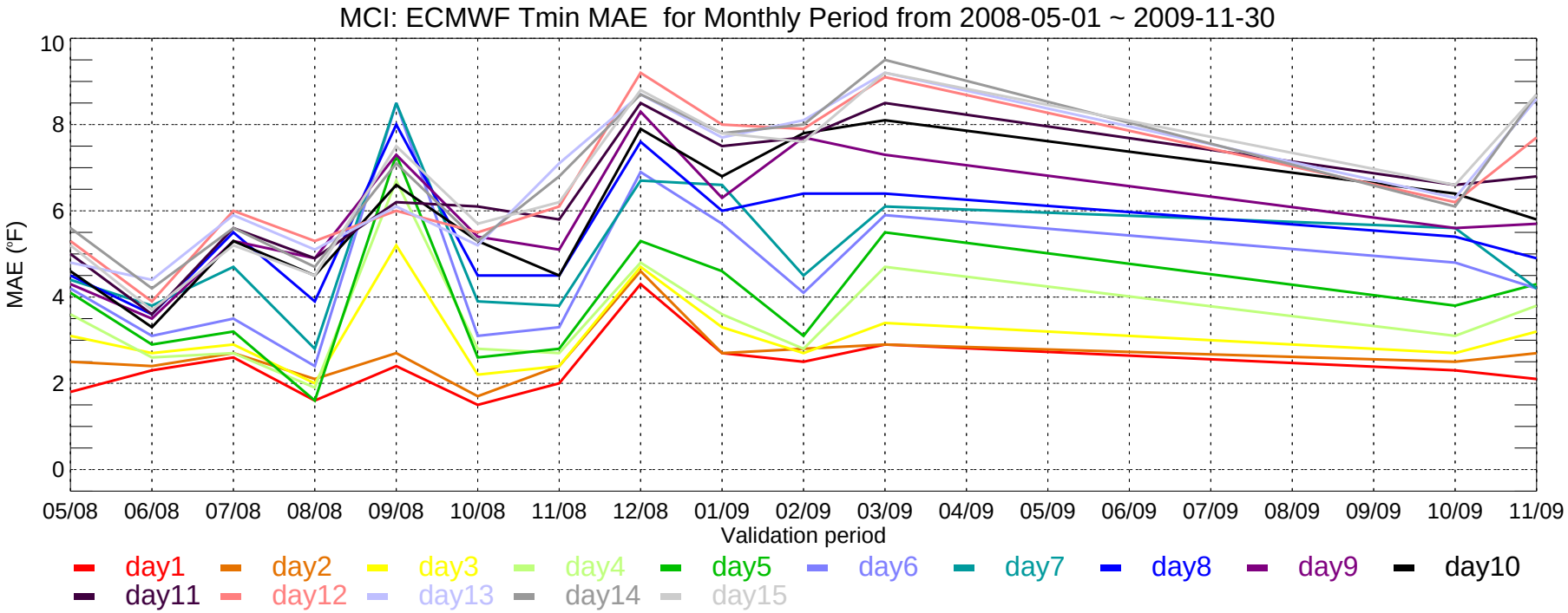
MCI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
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05/08
06/08
07/08
08/08
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10/08
11/08
12/08
01/09
02/09
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11/09
Validation period
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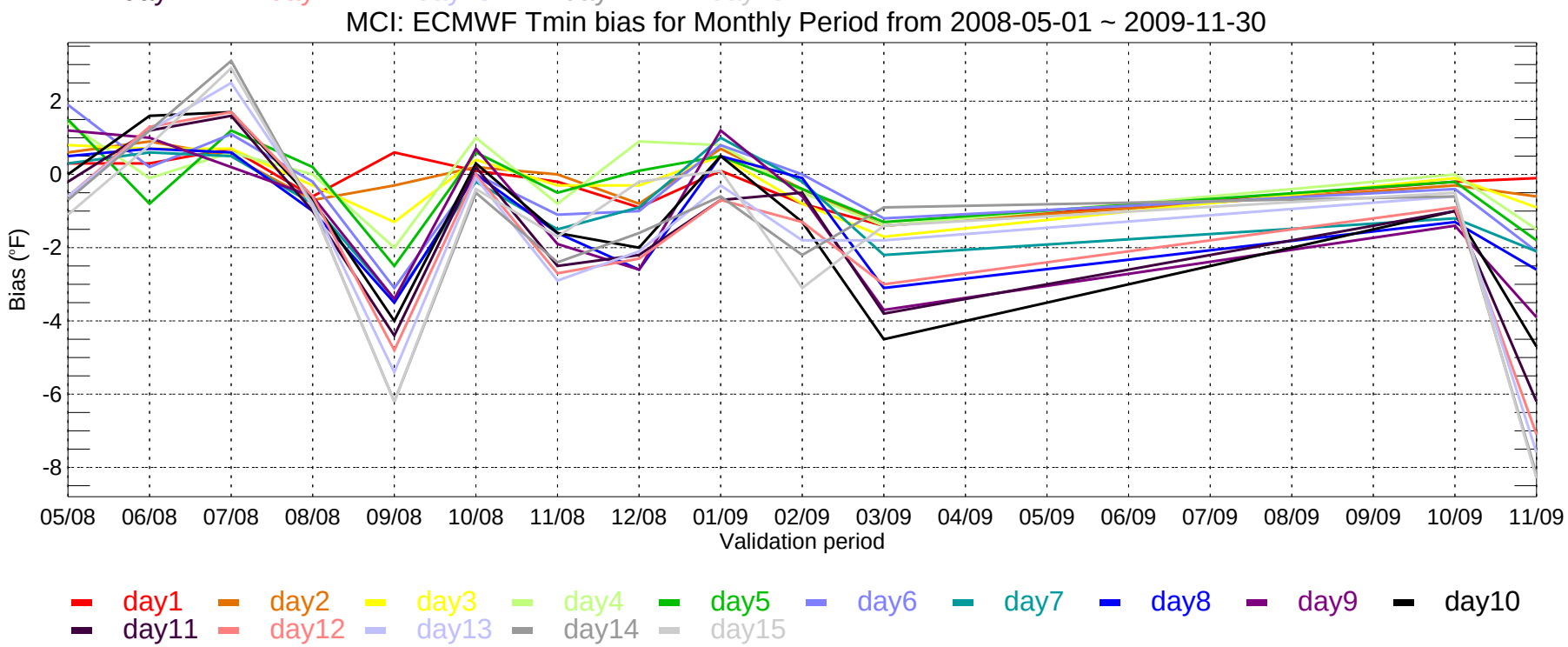
MCI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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11/09
Validation period
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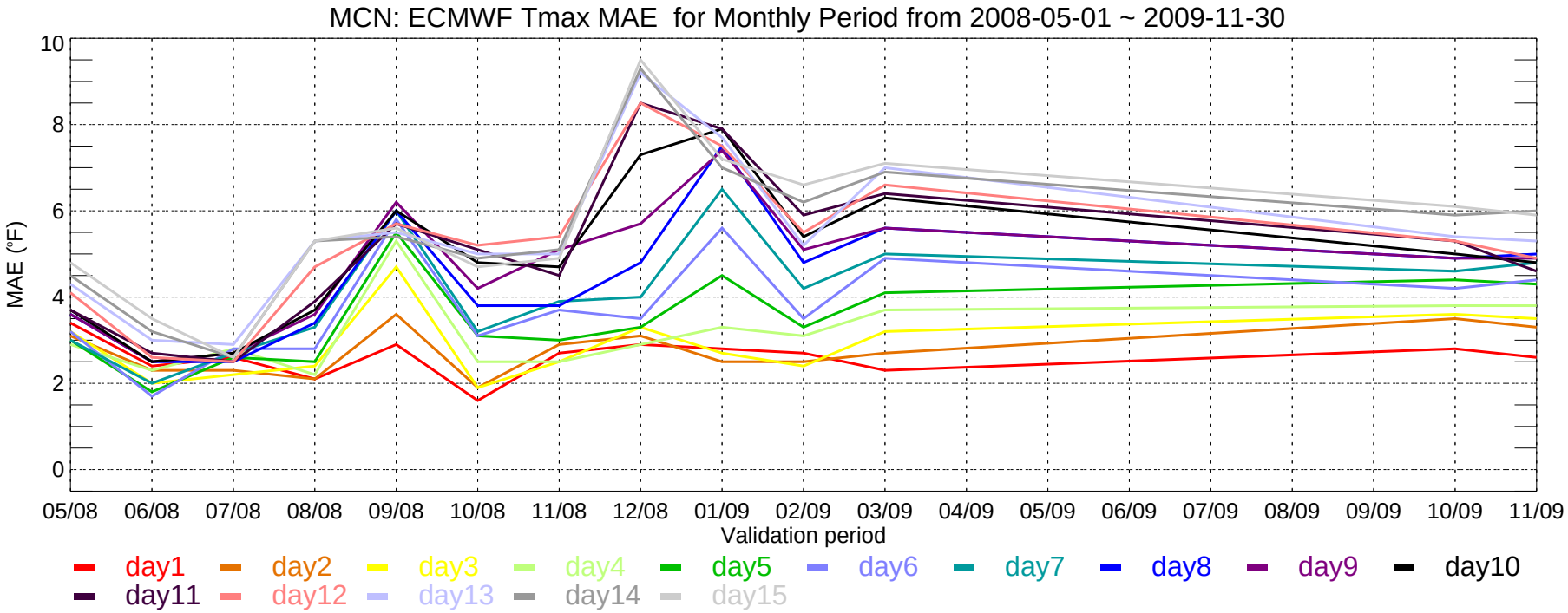
MCN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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11/09
Validation period
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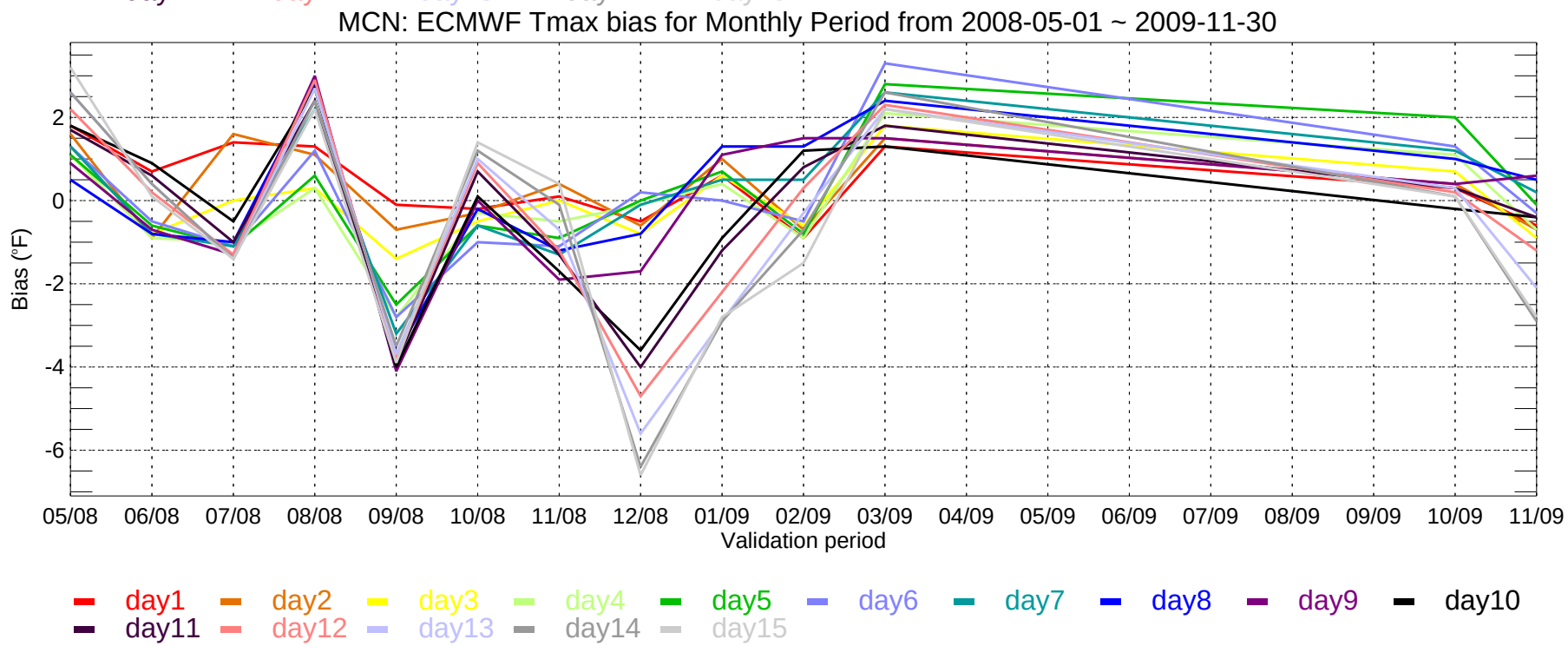
MCN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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11/09
Validation period
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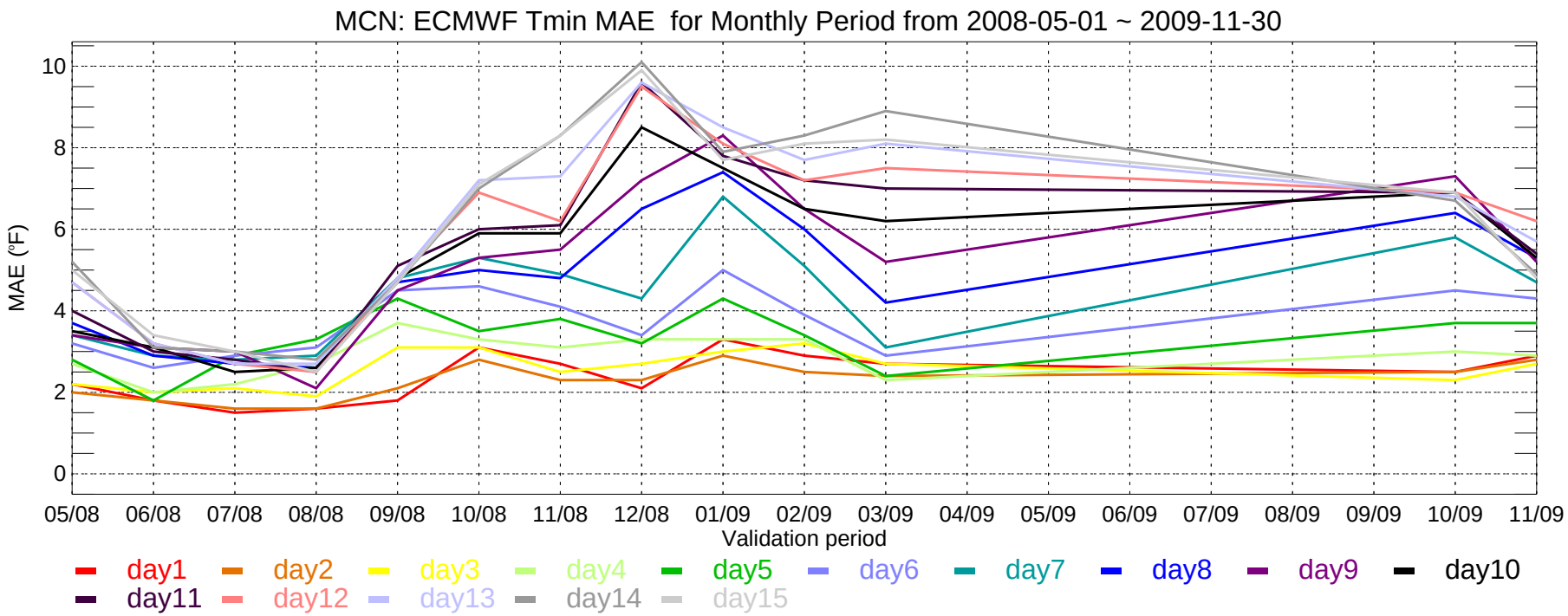
MCN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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11/09
Validation period
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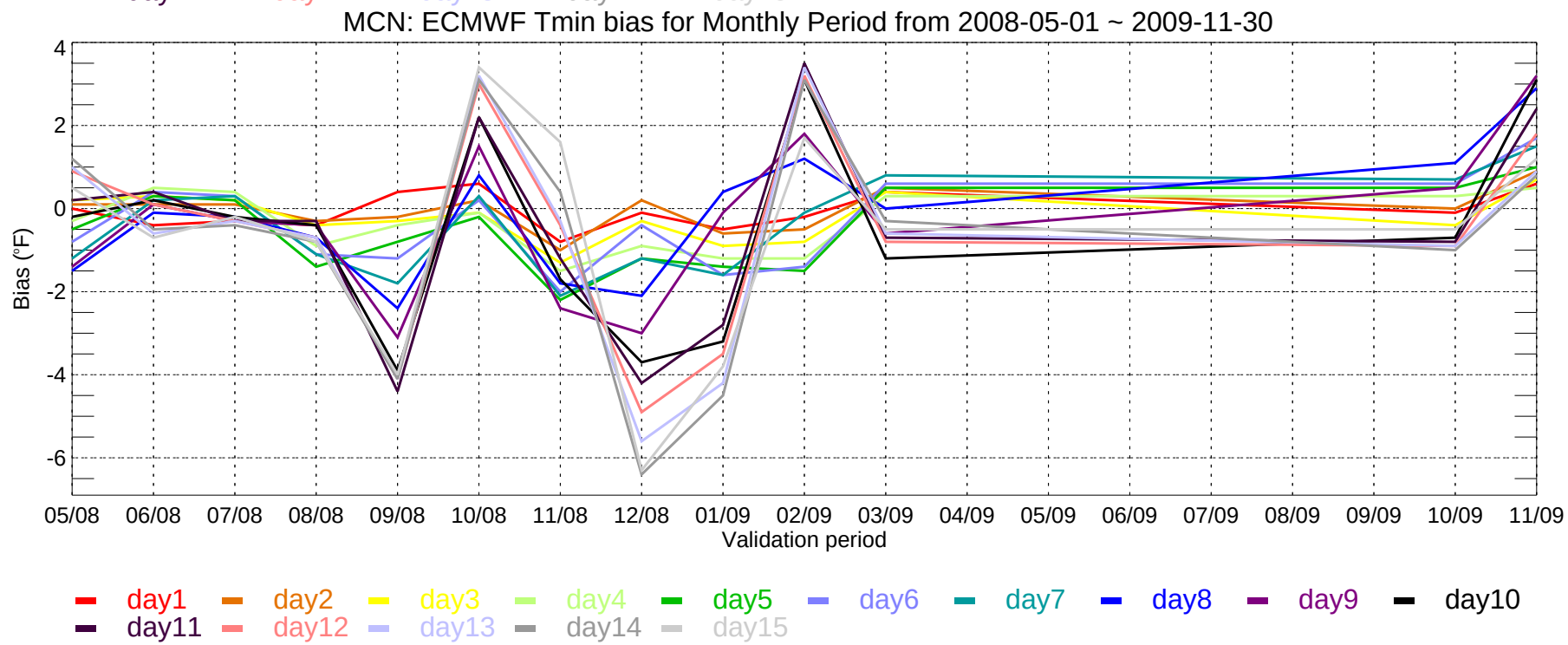
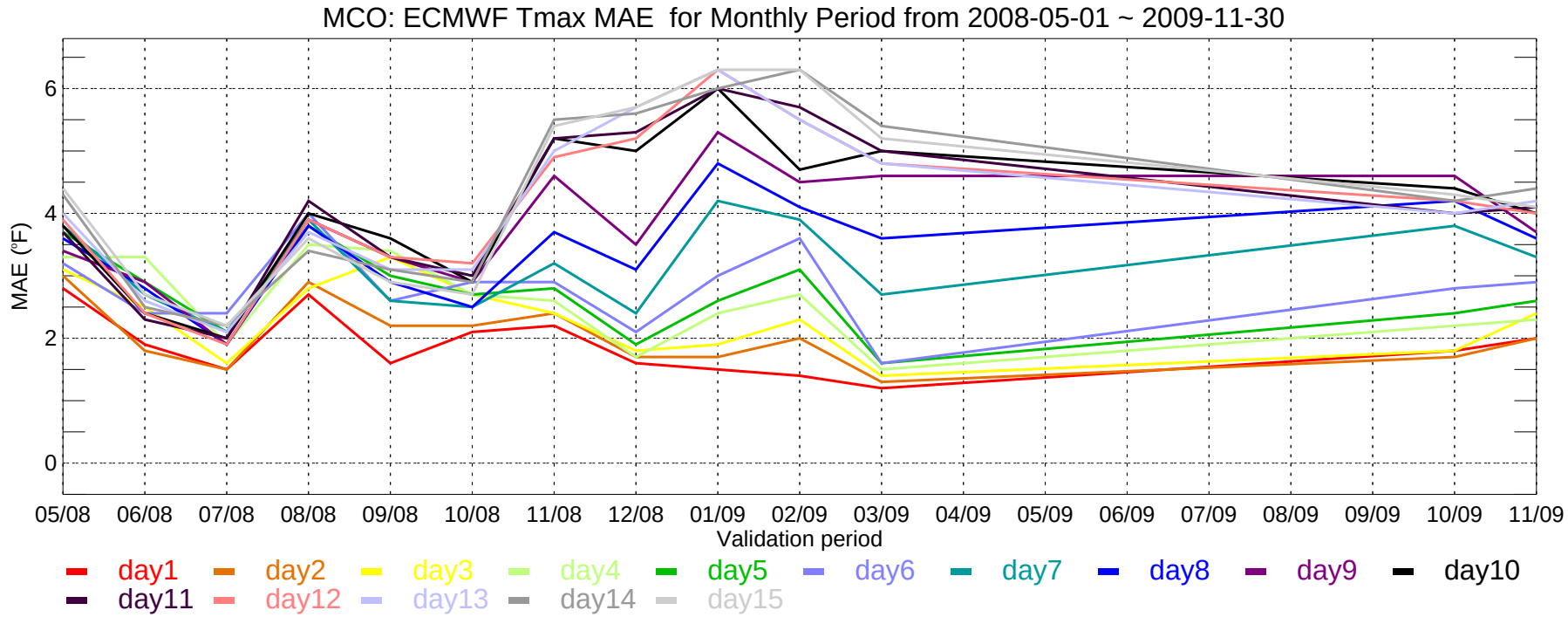
day14
day15


MCN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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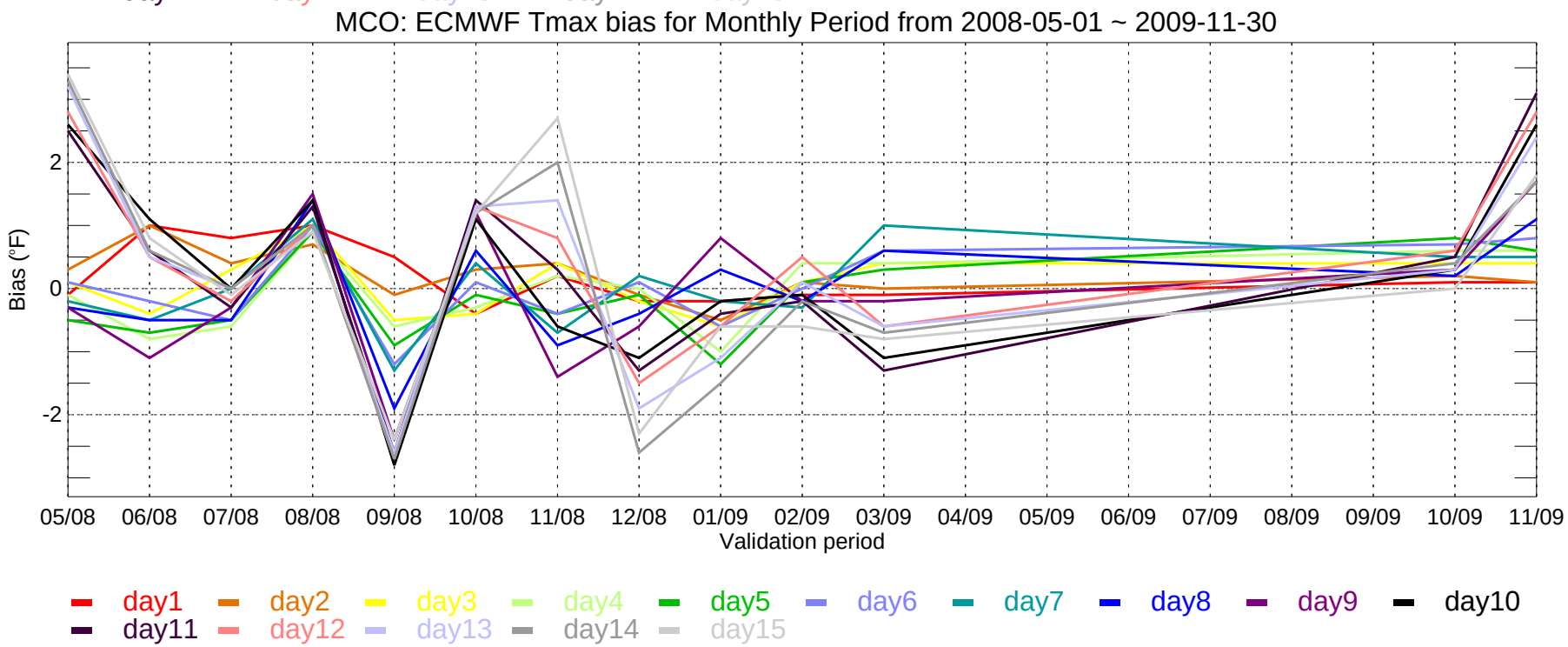
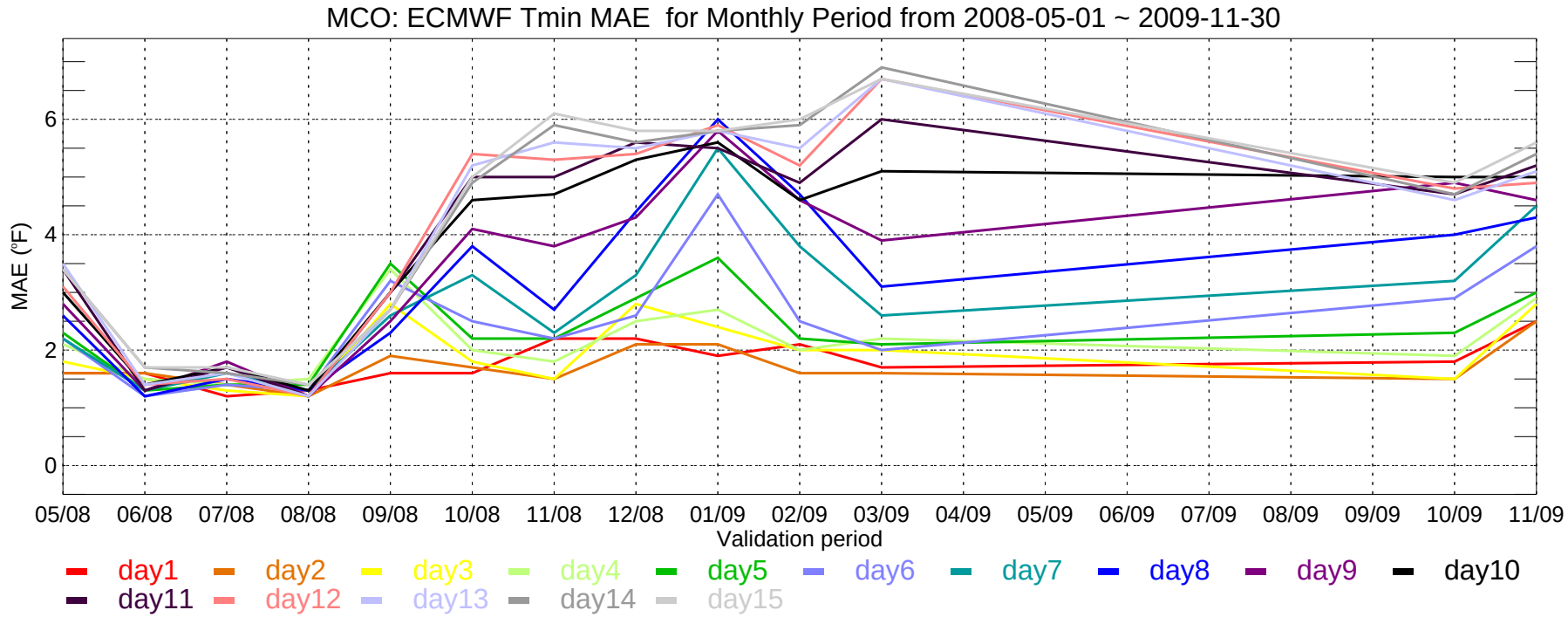
day11
day12
day13
day14
day15


MCO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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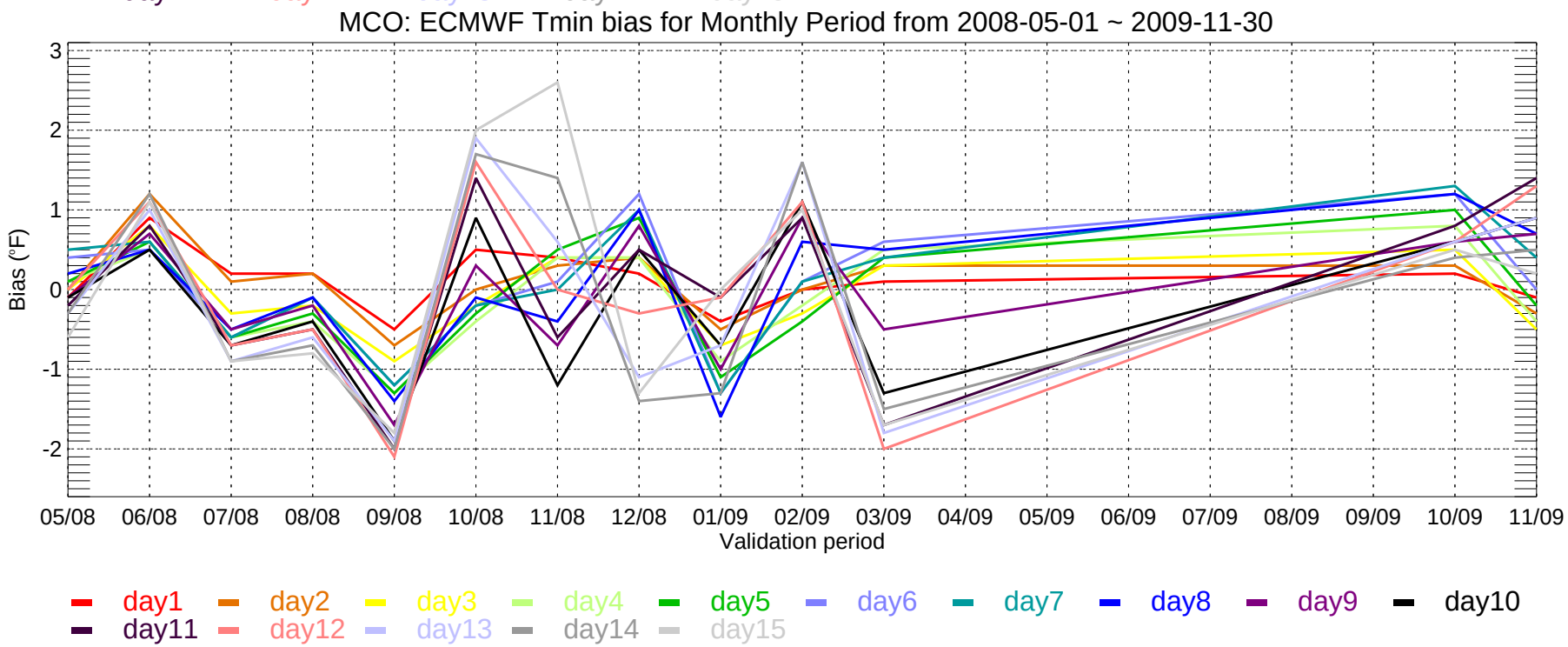
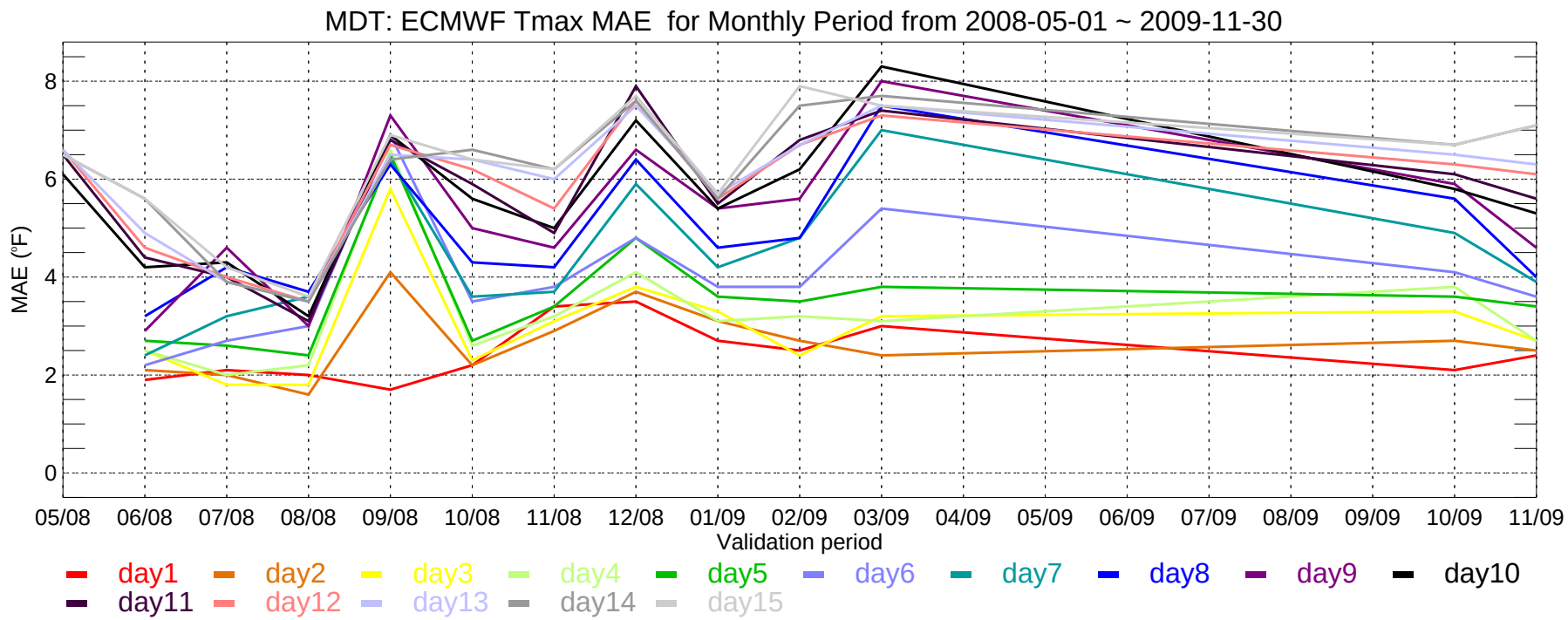
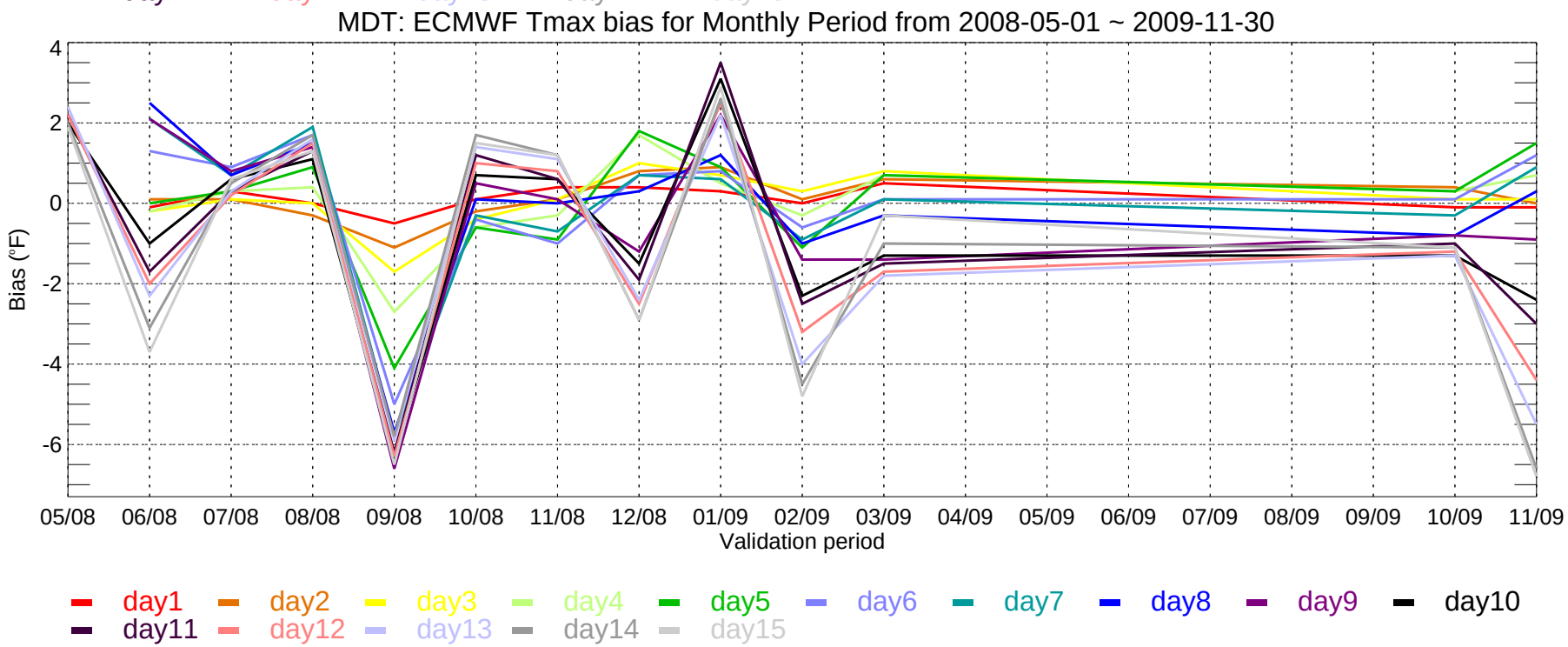
day10
day11
day12
day13
day14
day15


MCO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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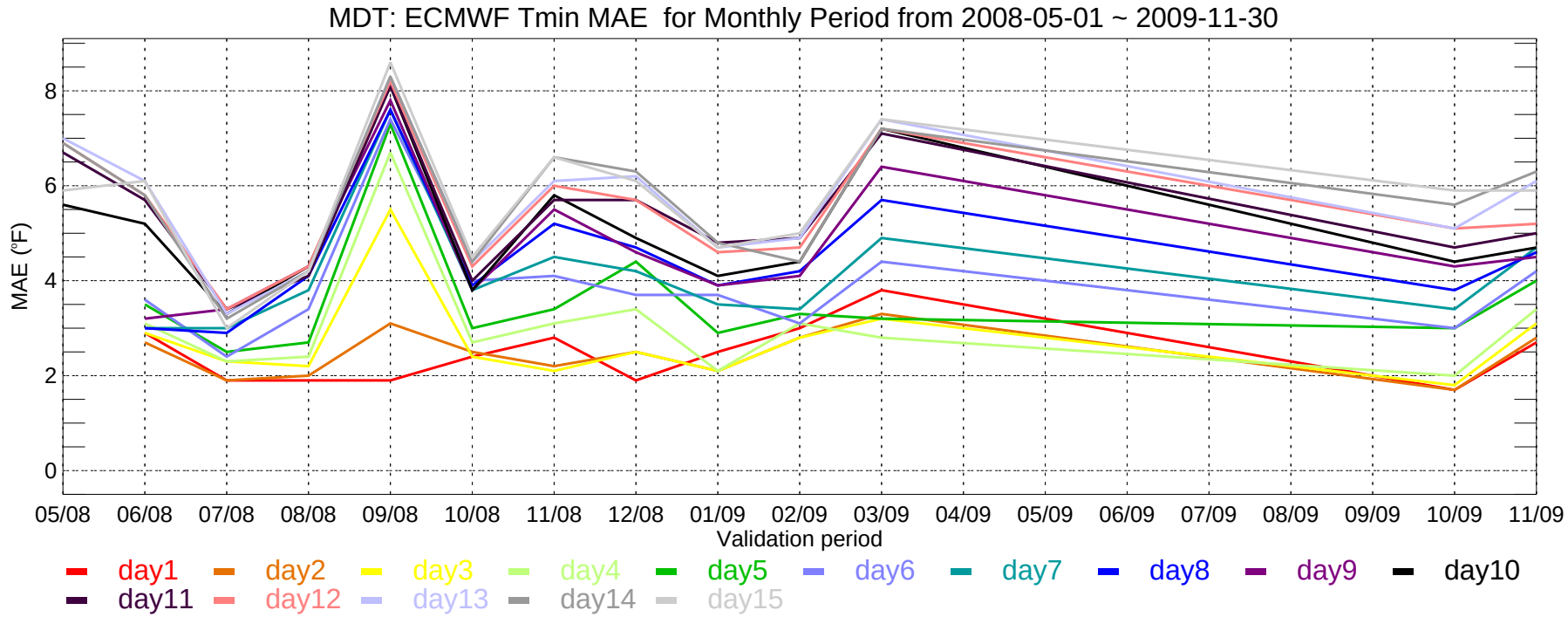
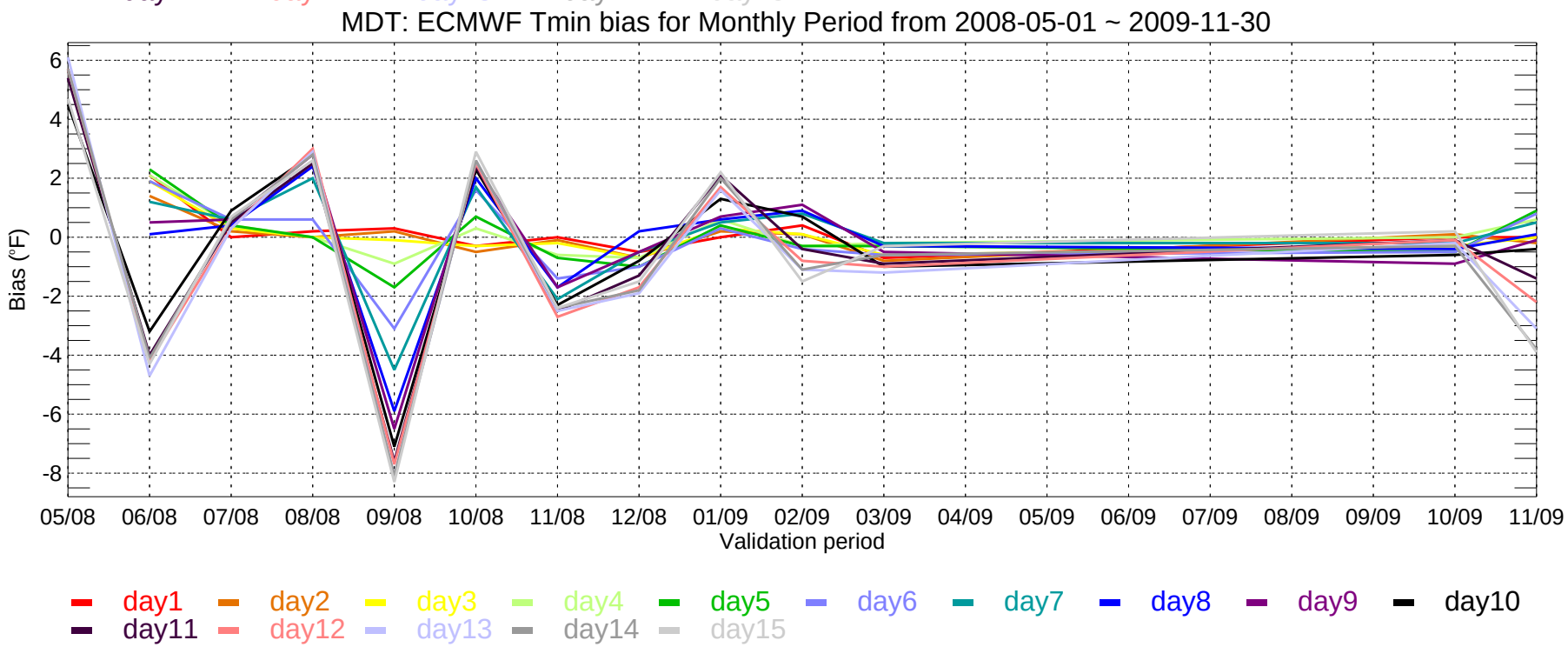
day10
day11
day12
day13
day14
day15


MDT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
day11
day12
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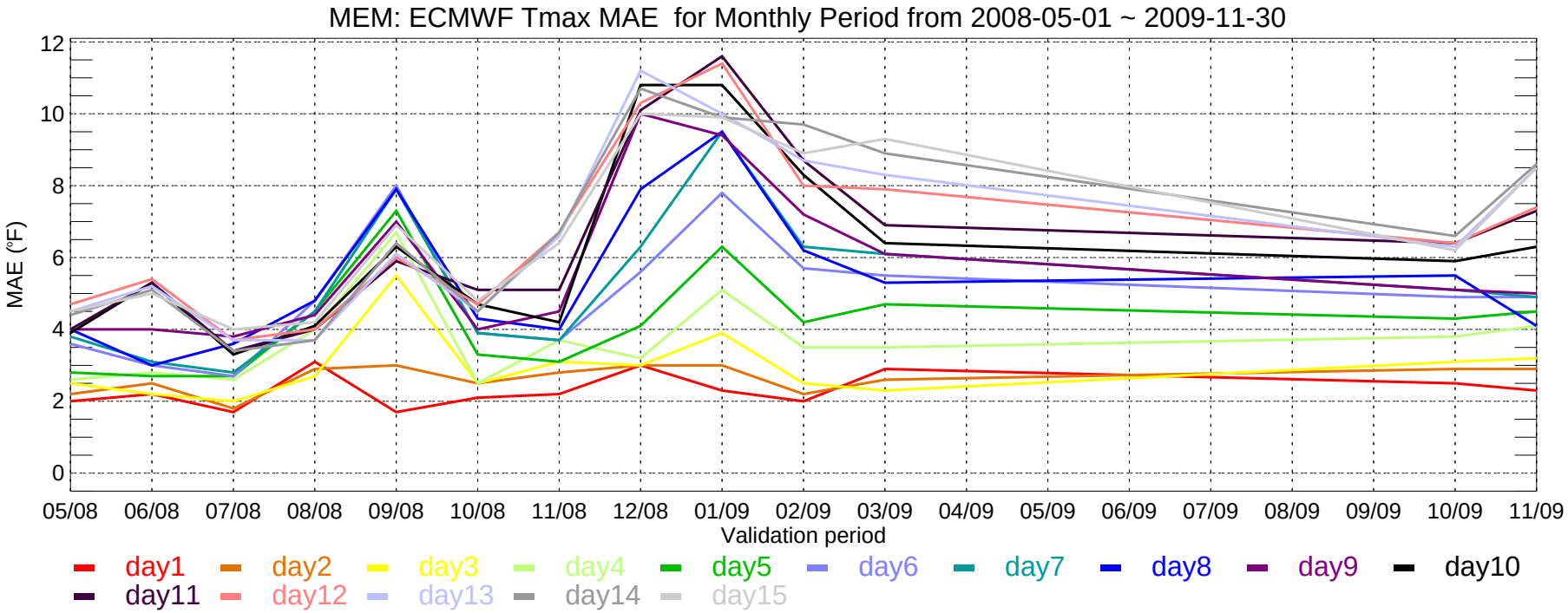
day14
day15


MEM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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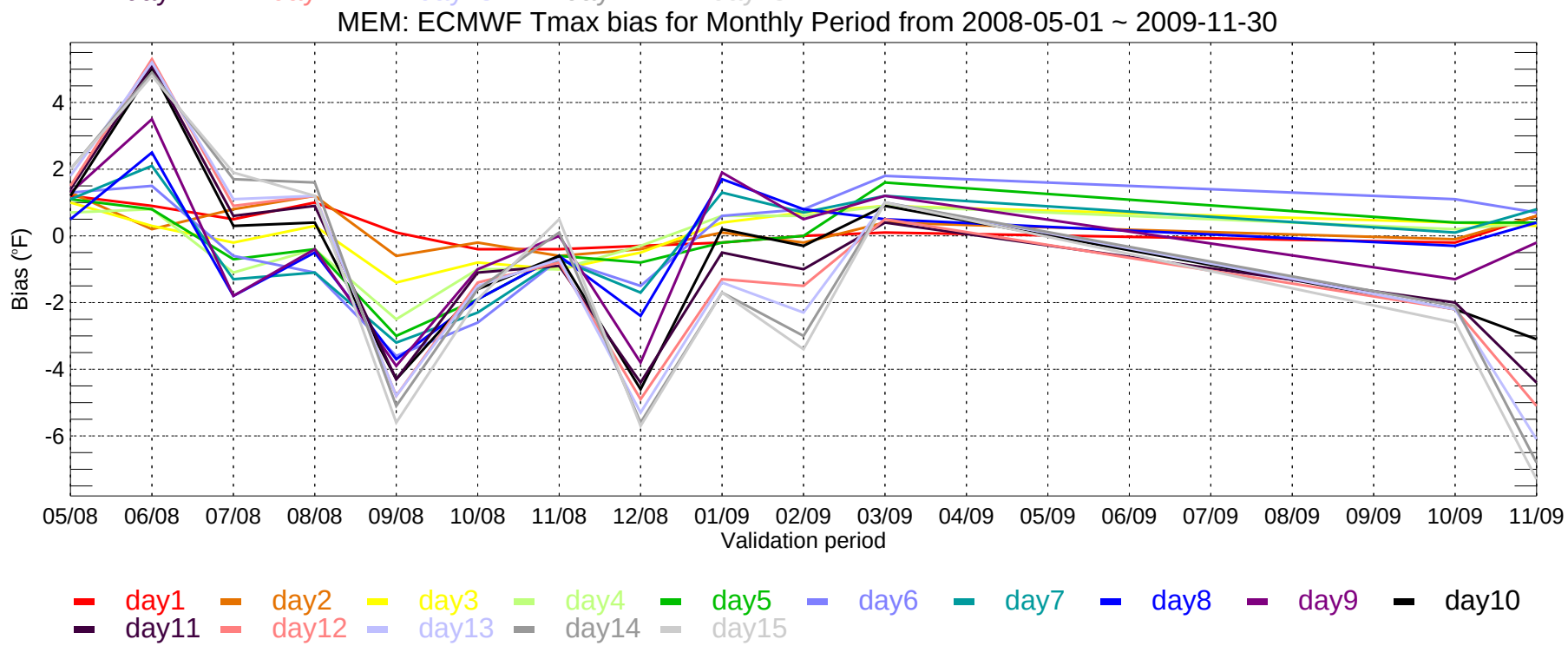
day11
day12
day13
day14
day15


MEM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
day7
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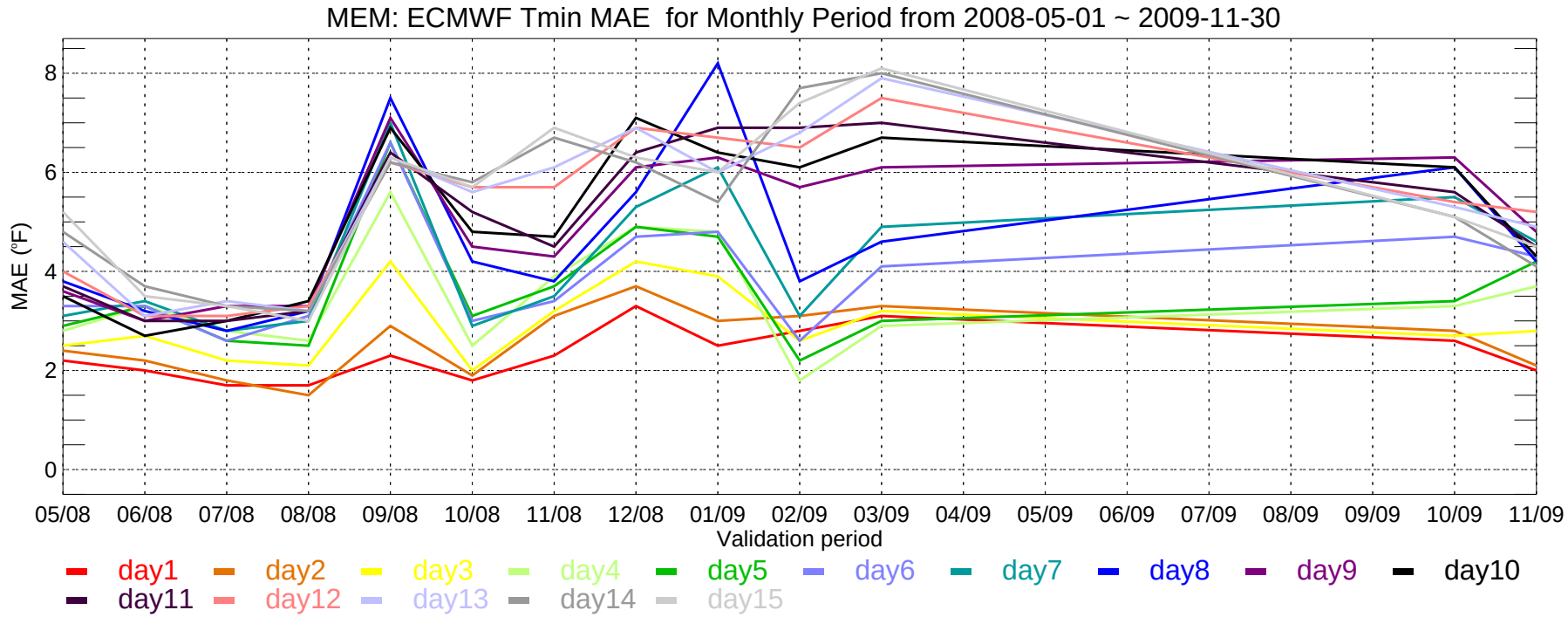
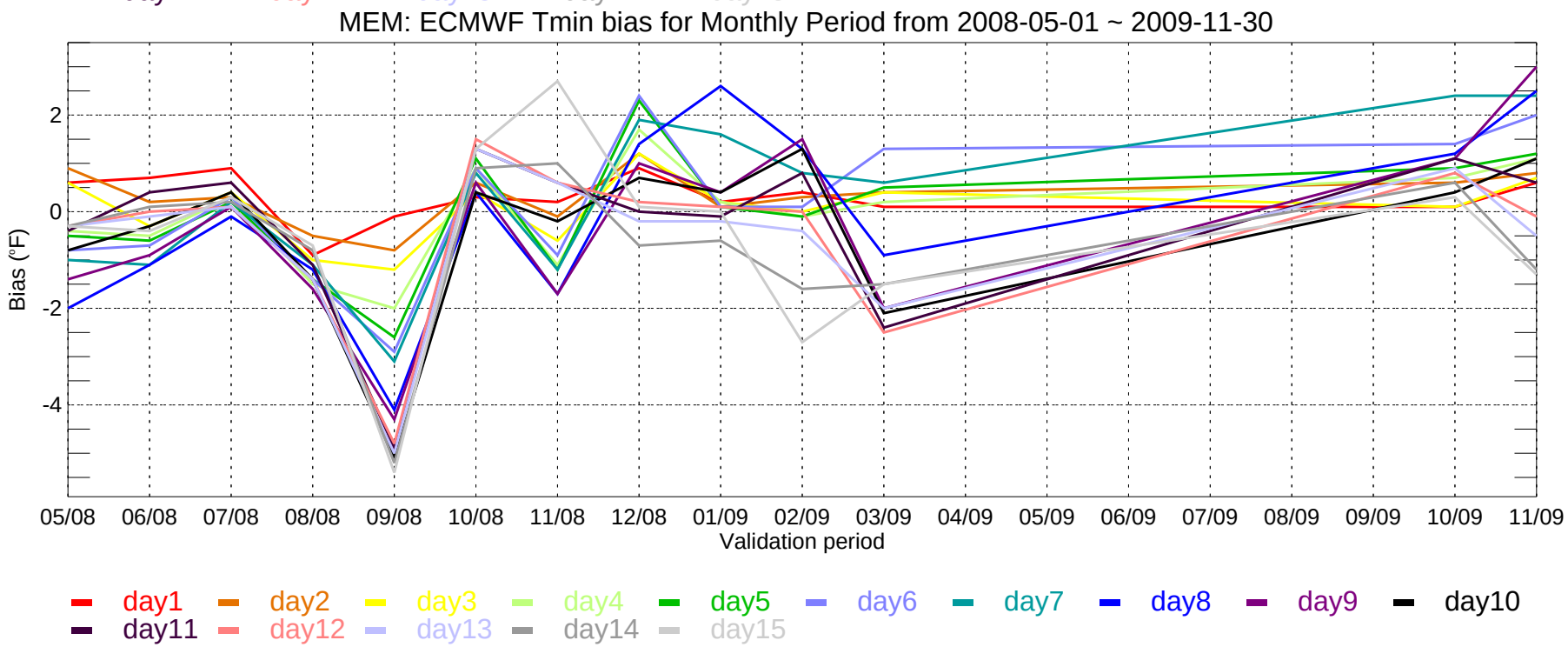
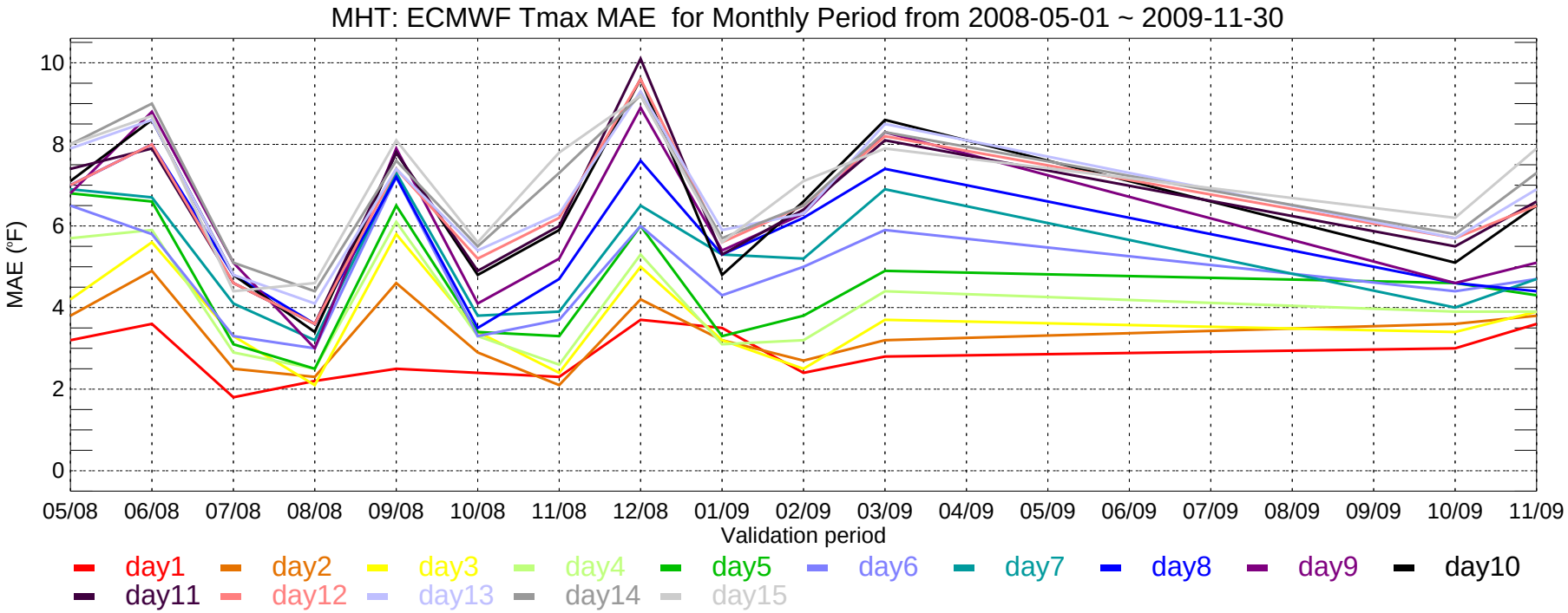
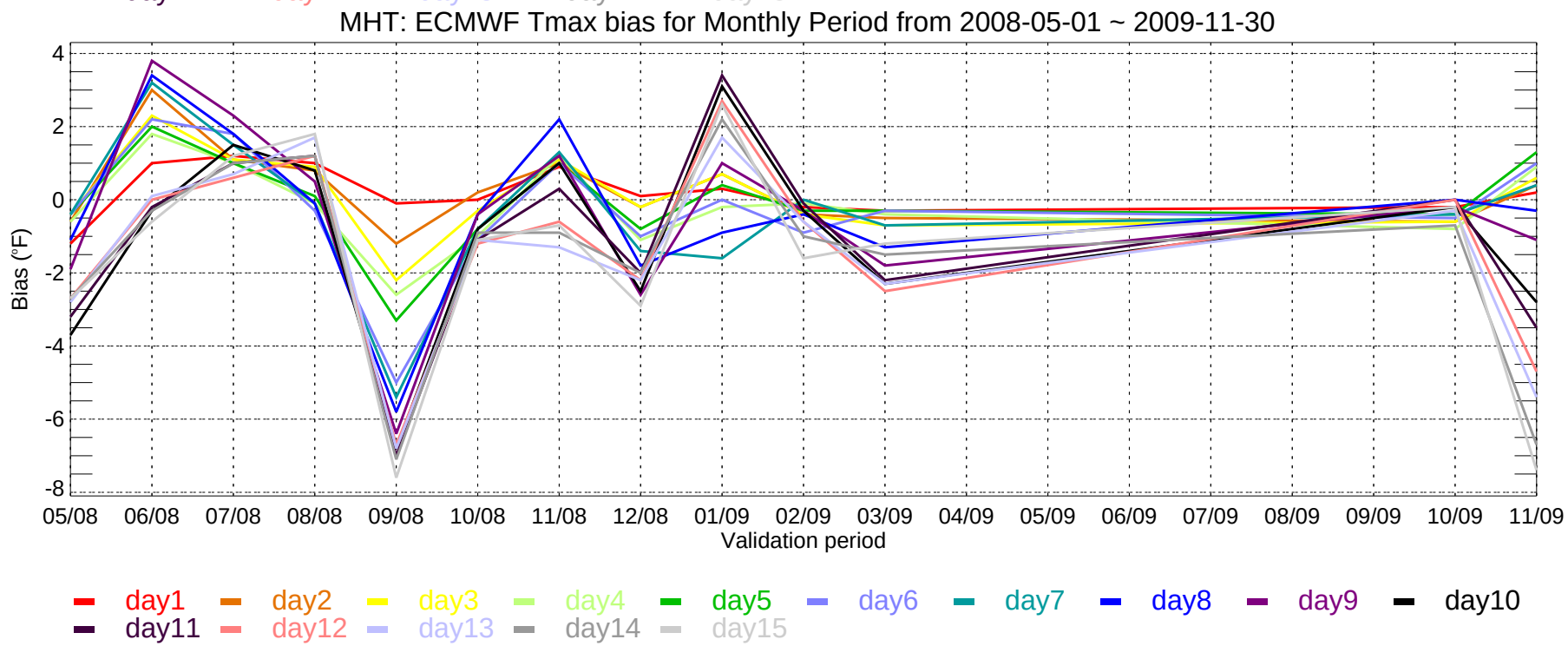
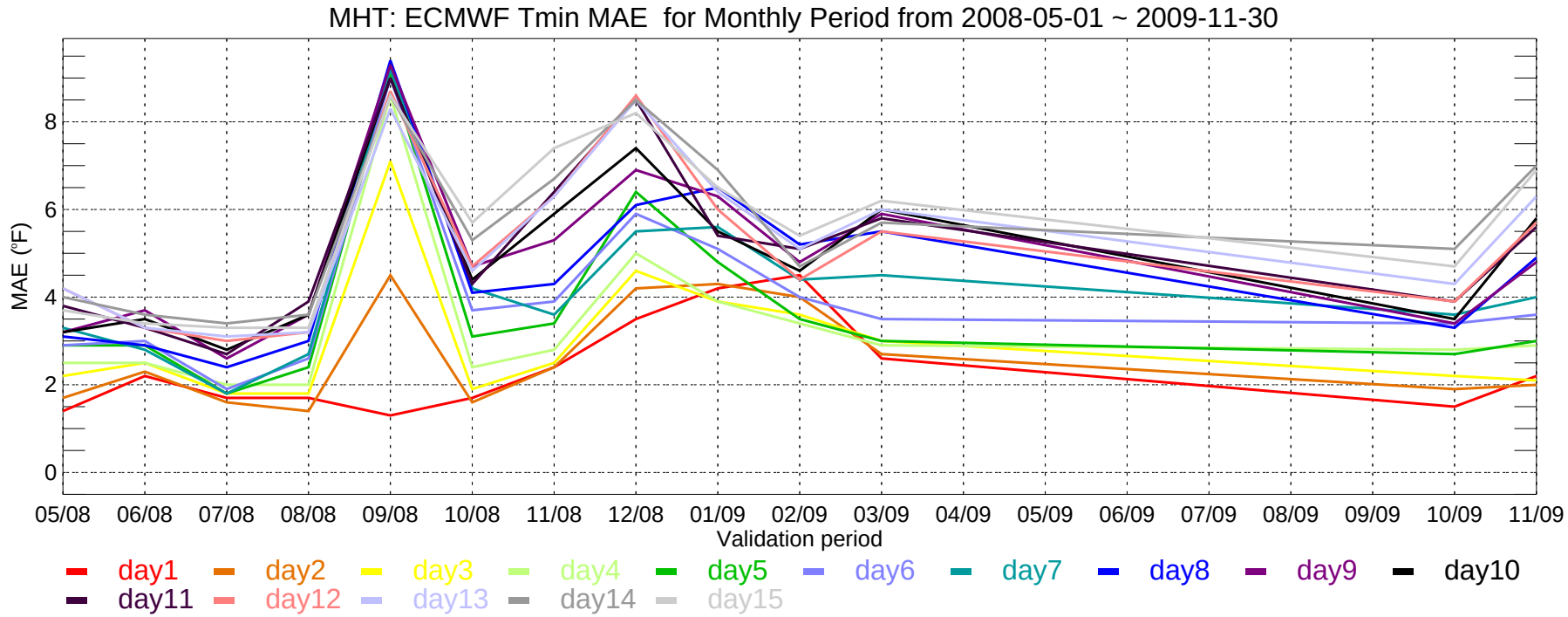
day12
day13
day14
day15


MEM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day7
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day11
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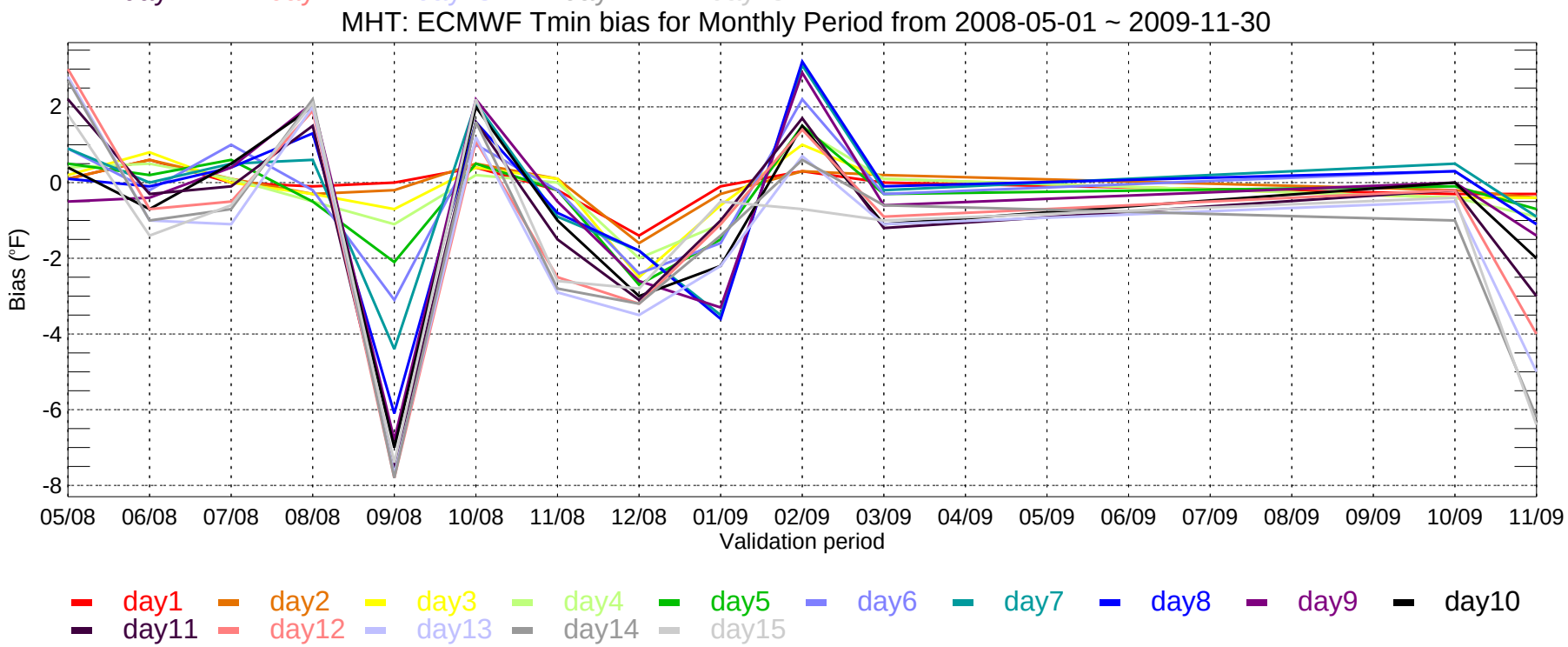
day14
day15


MHT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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day4
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day11
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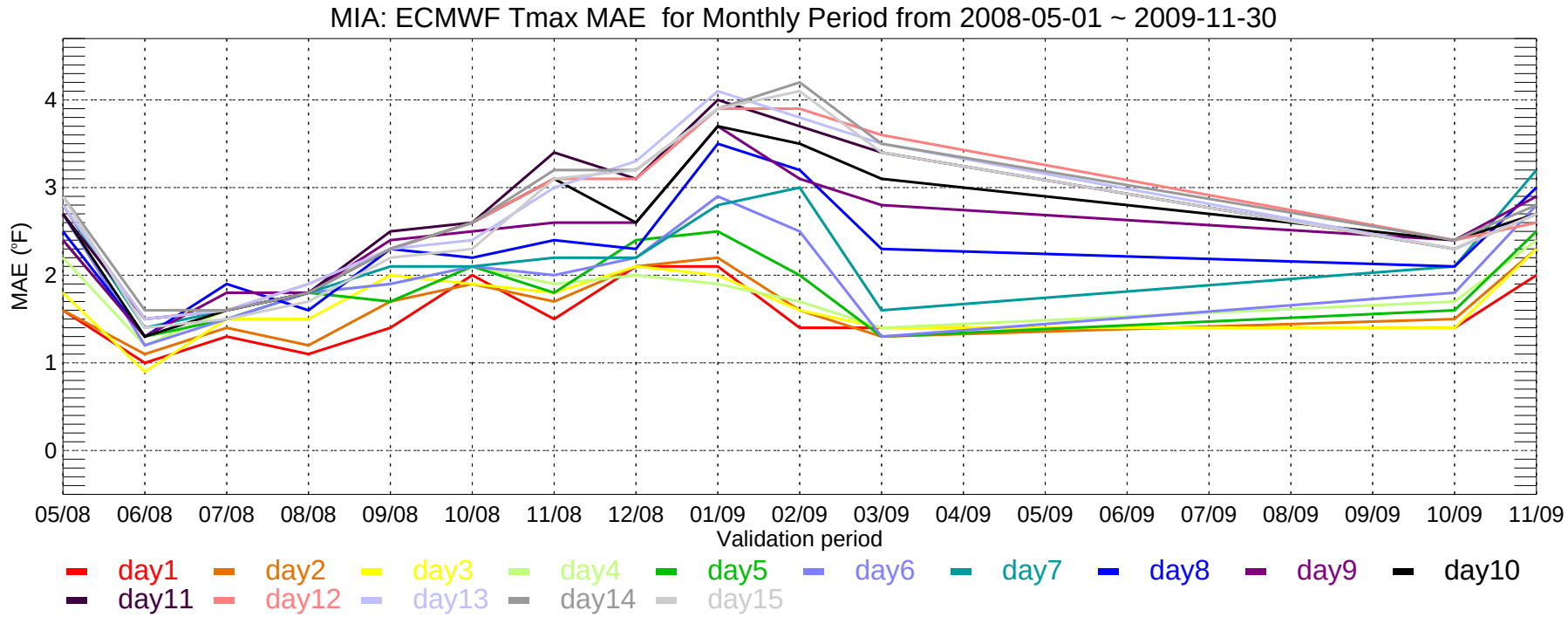
day13
day14
day15


MIA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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
Validation period
day1
day2
day3
day4
day5
day6
day7
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day10
day11
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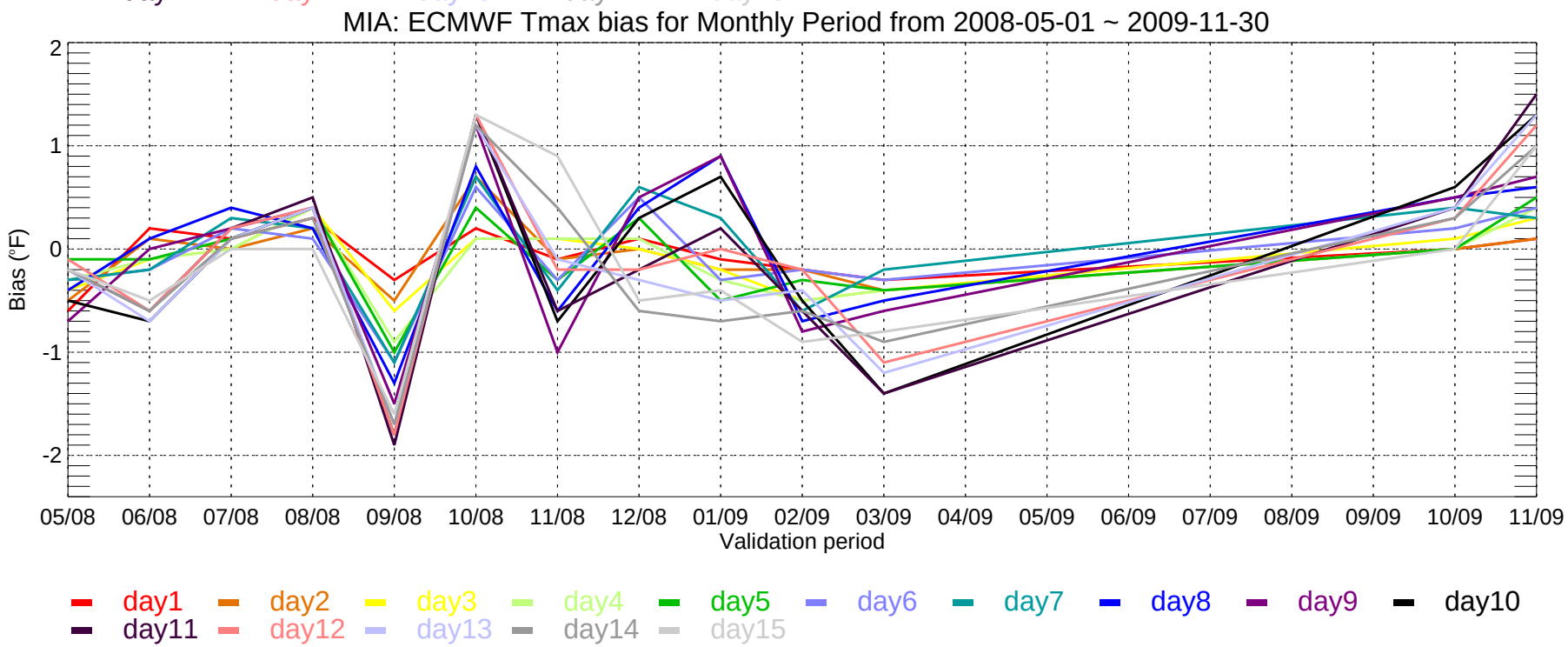
day13
day14
day15


MIA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
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
Validation period
day1
day2
day3
day4
day5
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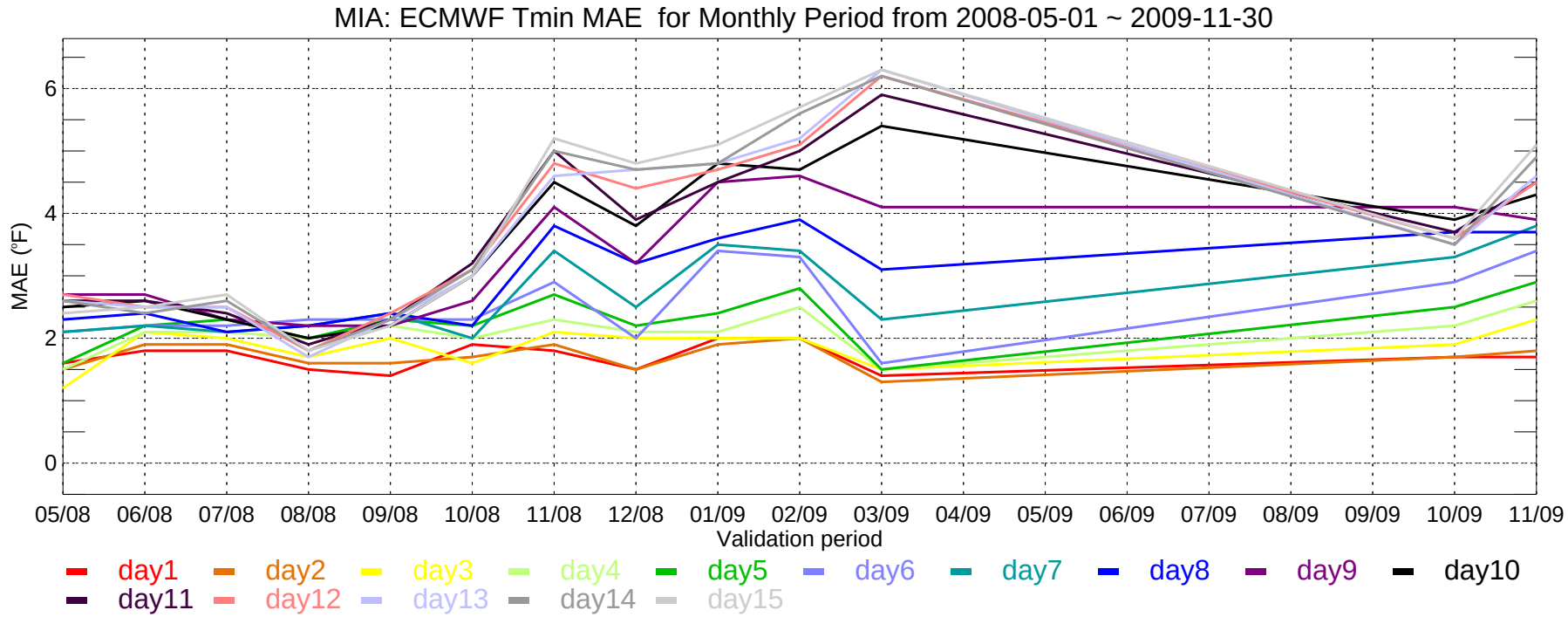
day13
day14
day15


MIA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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day4
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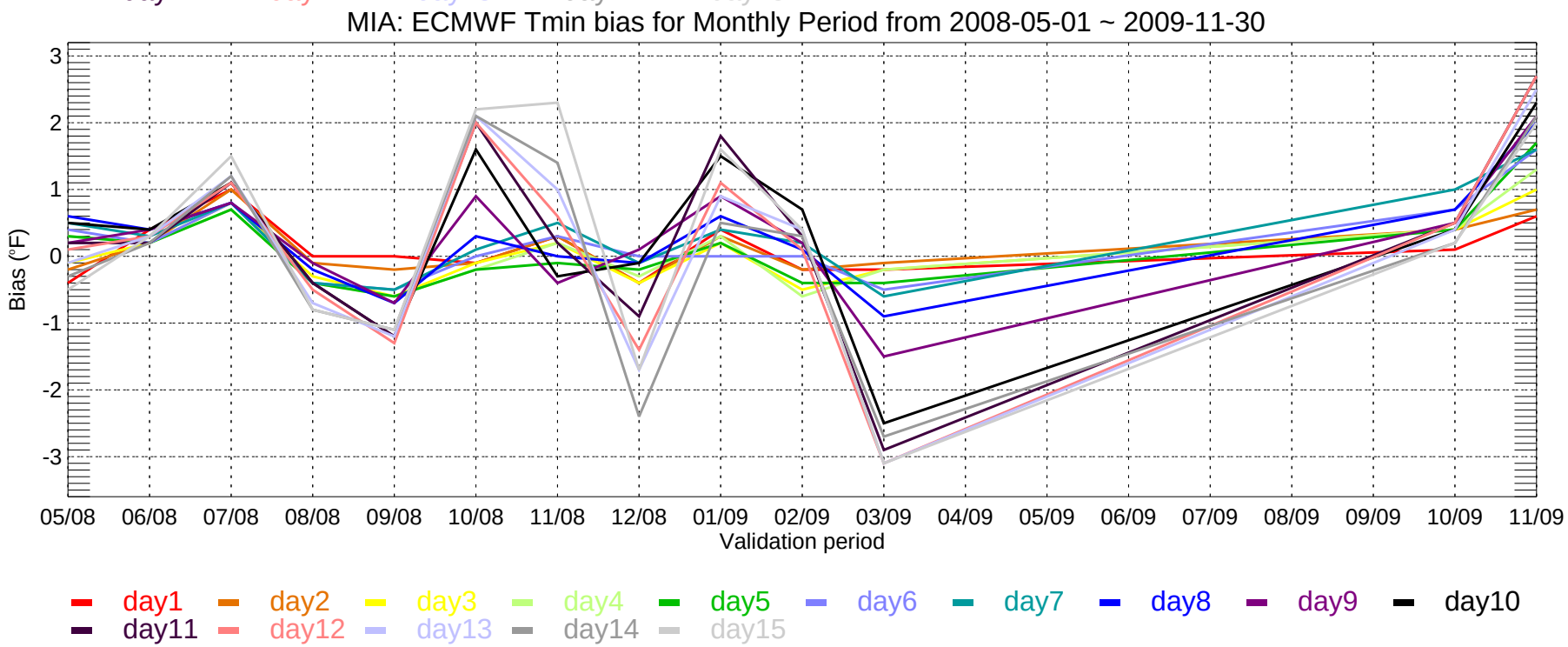
day15


MIA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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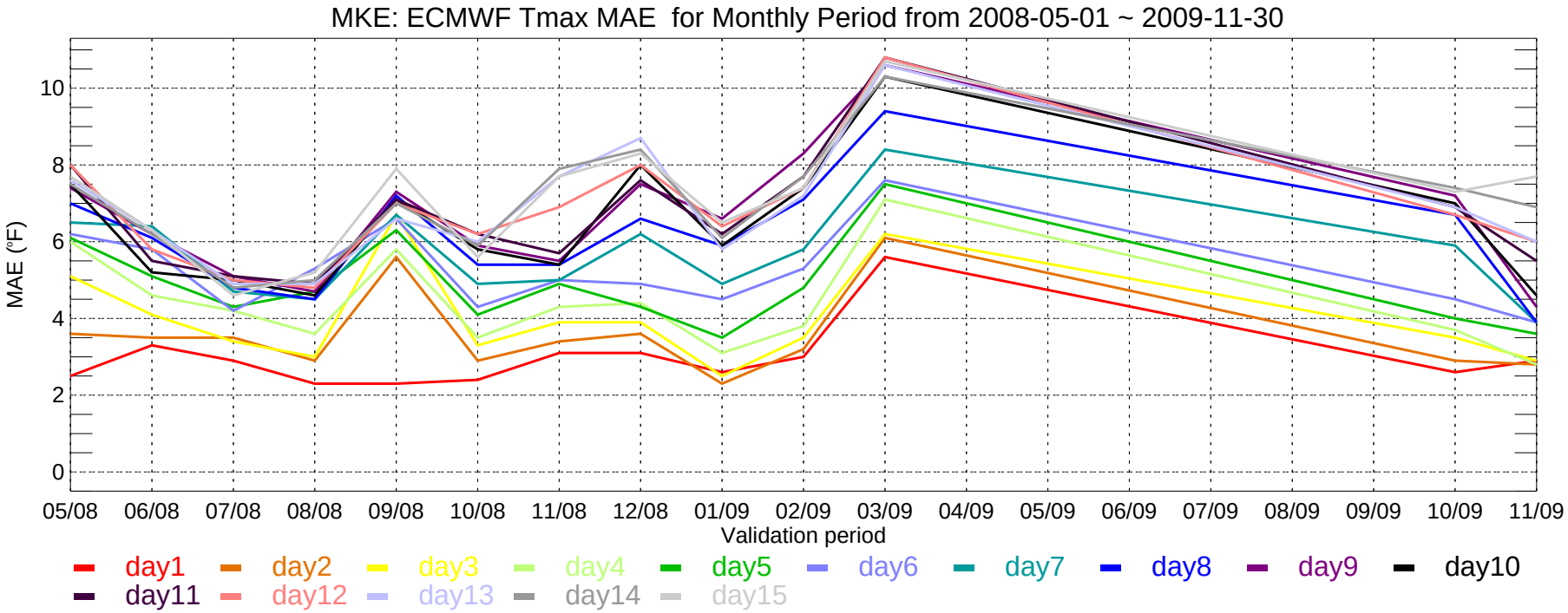
day15


MKE: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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day7
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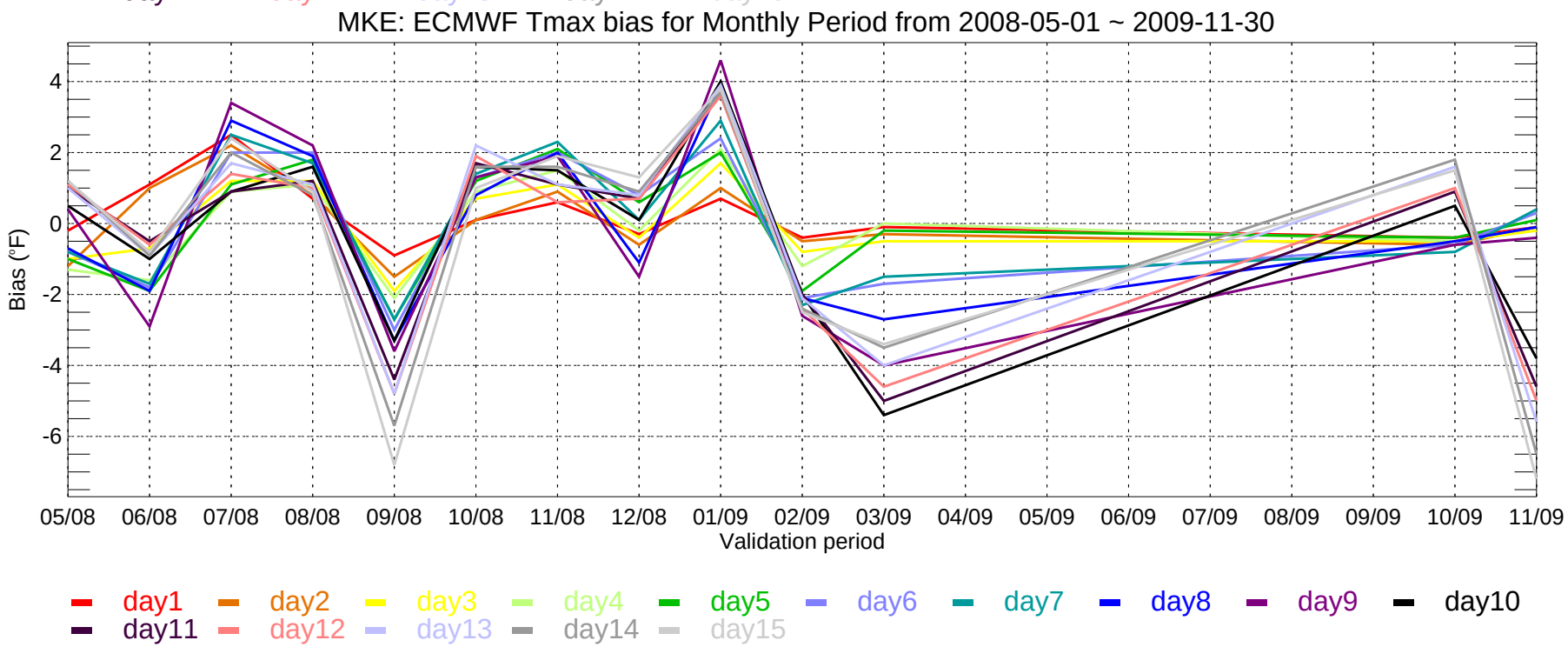
day14
day15


MKE: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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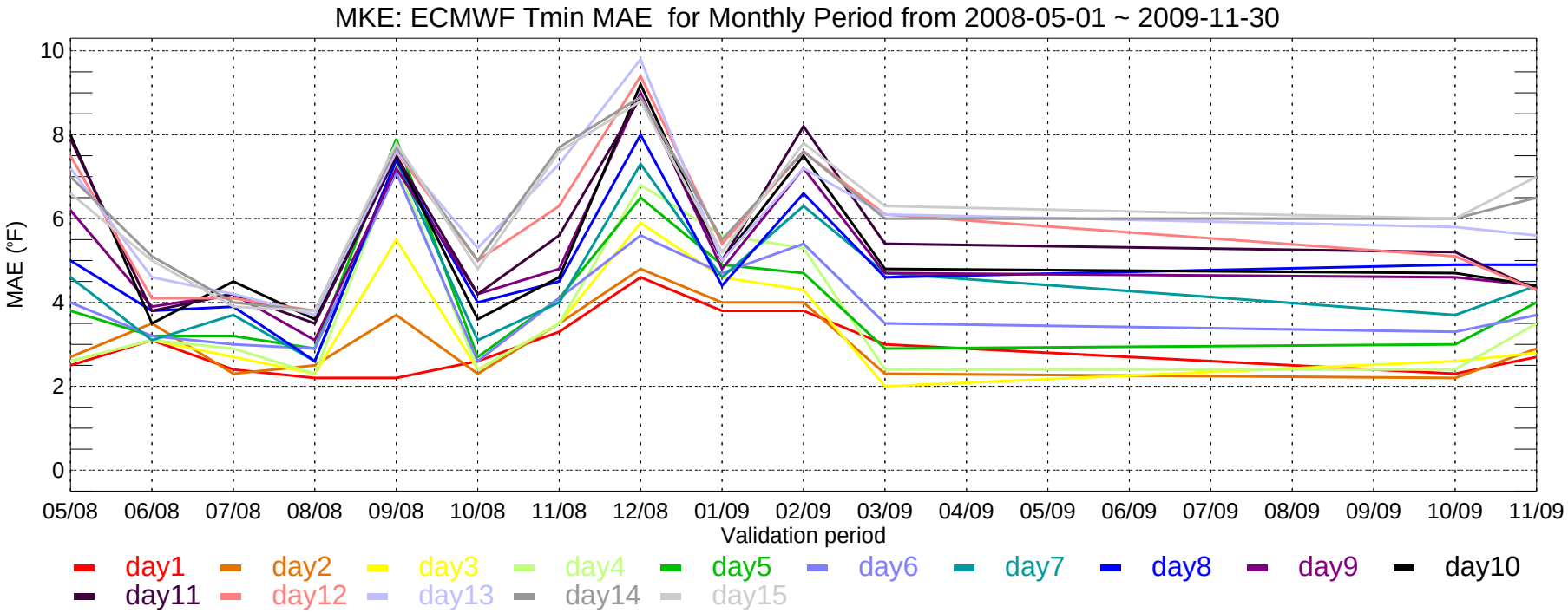
day14
day15


MKE: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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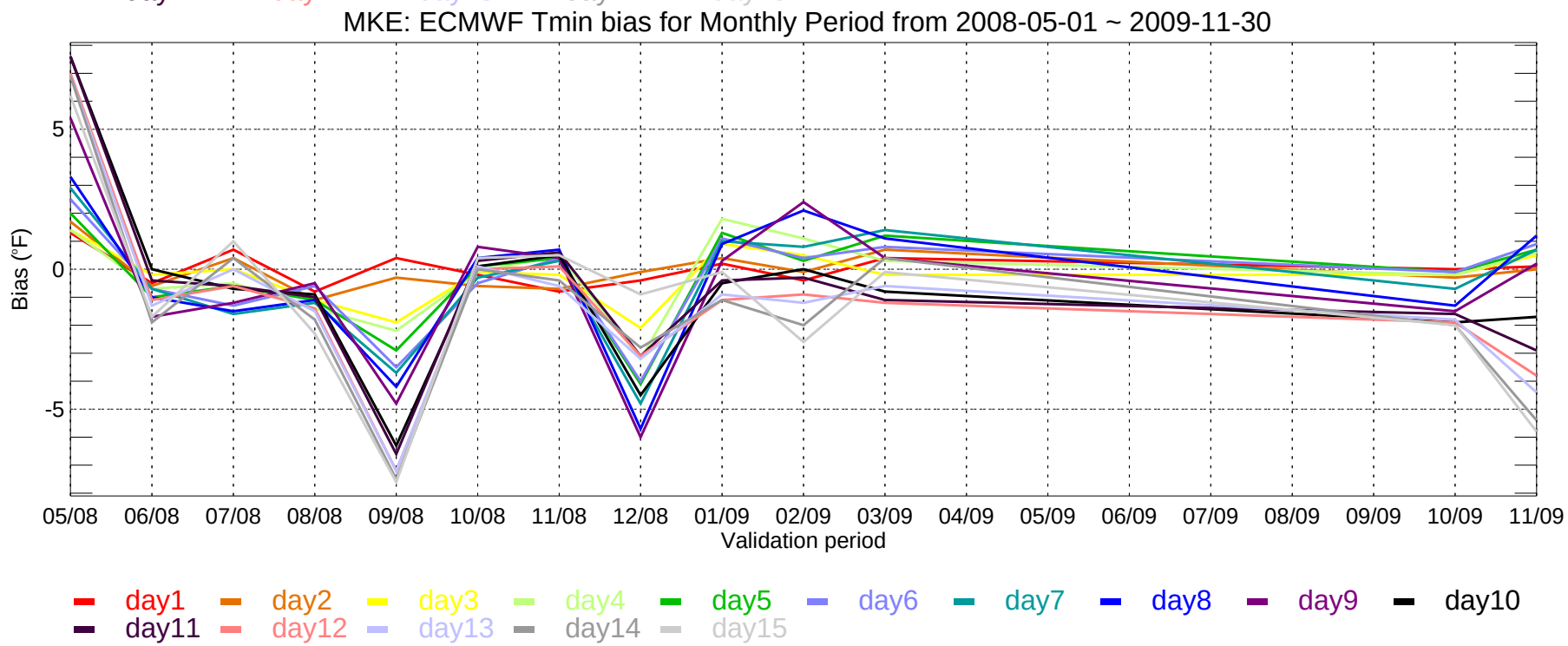
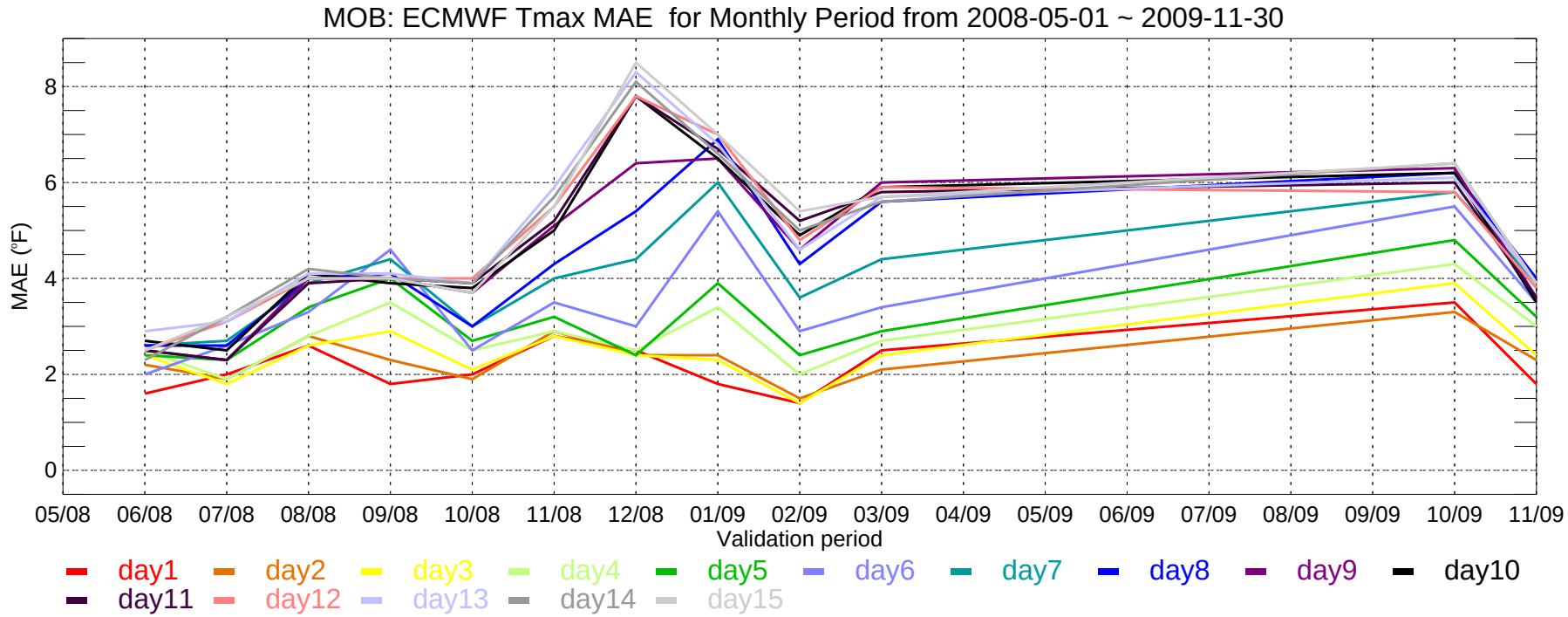
day10
day11
day12
day13
day14
day15


MKE: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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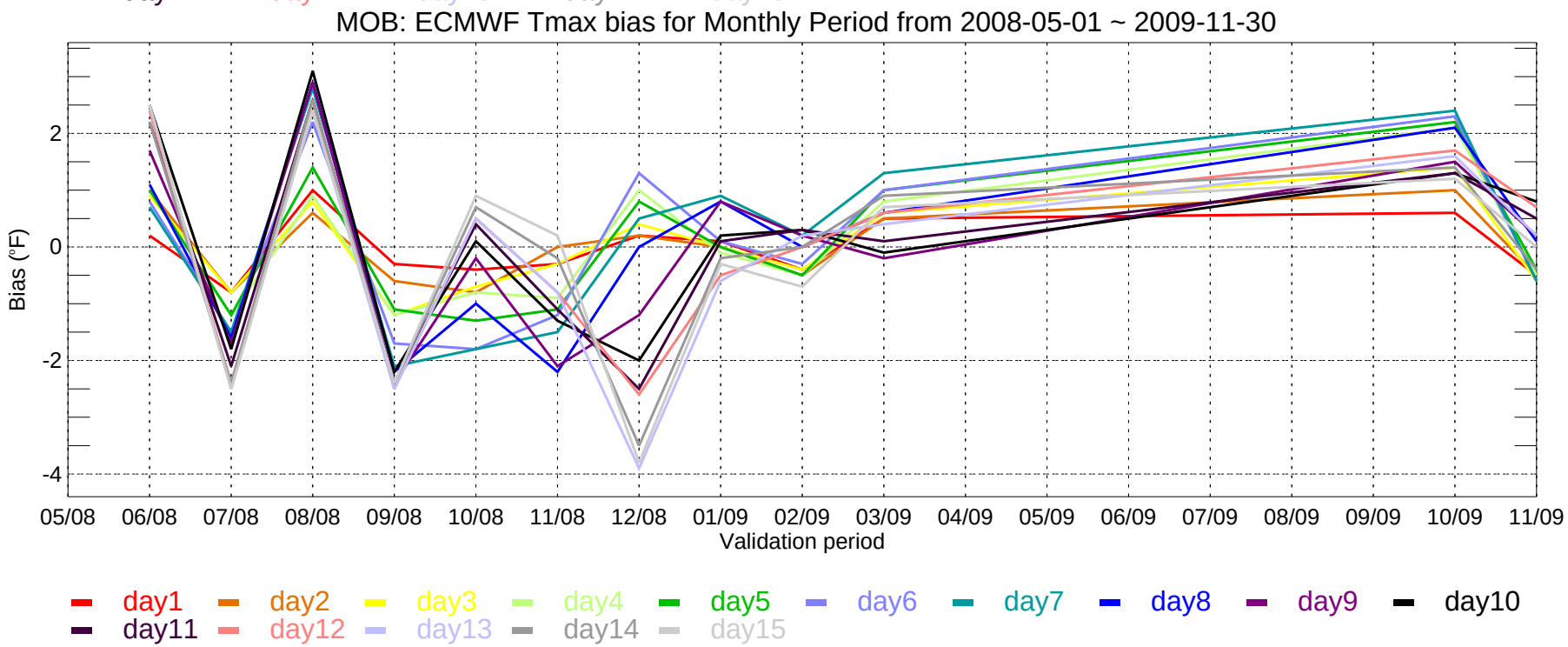
day10
day11
day12
day13
day14
day15


MOB: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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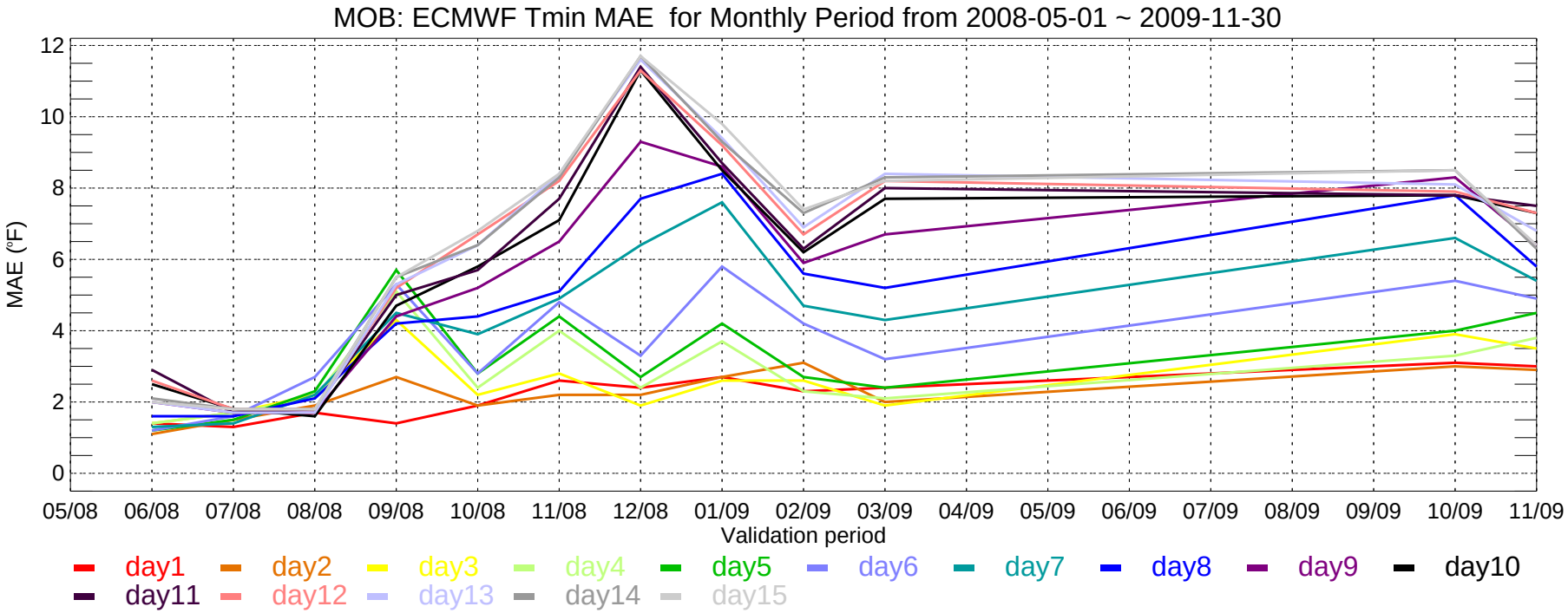
day12
day13
day14
day15


MOB: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
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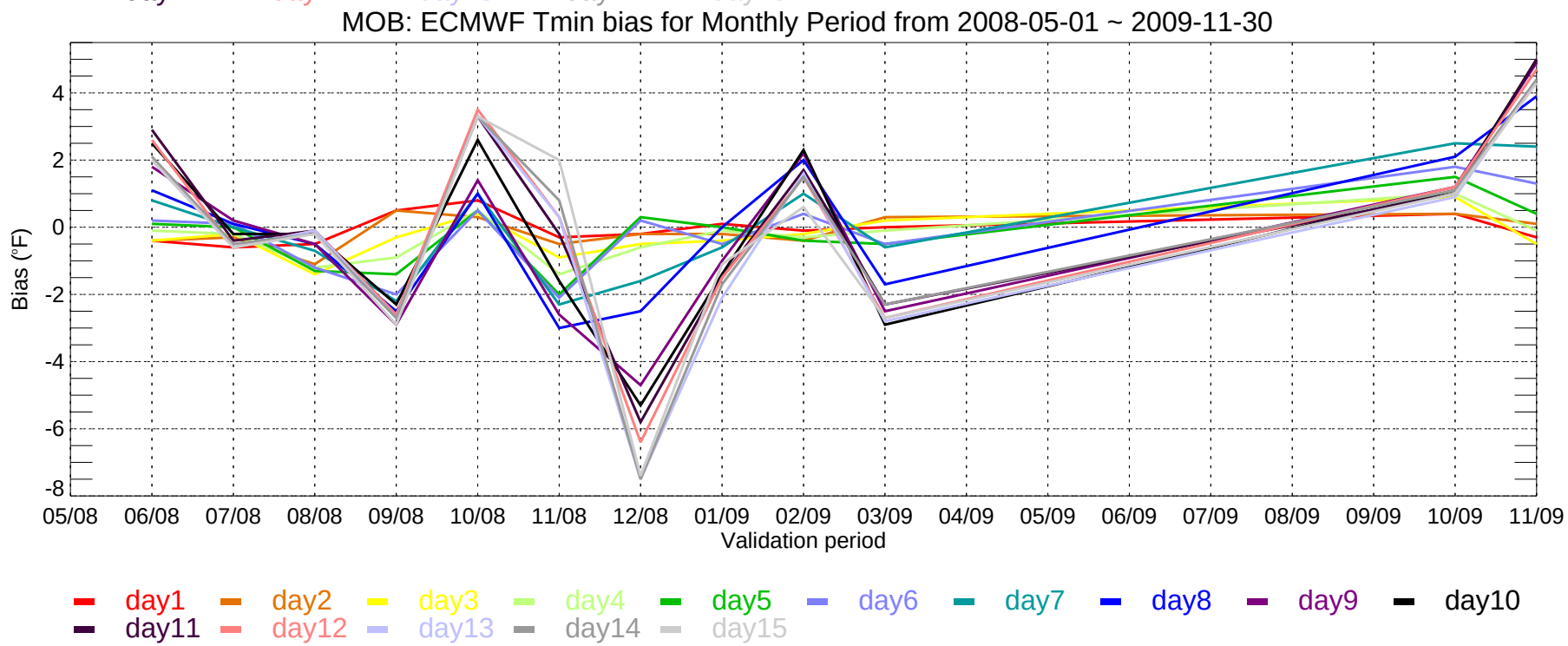
day12
day13
day14
day15


MOB: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
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day8
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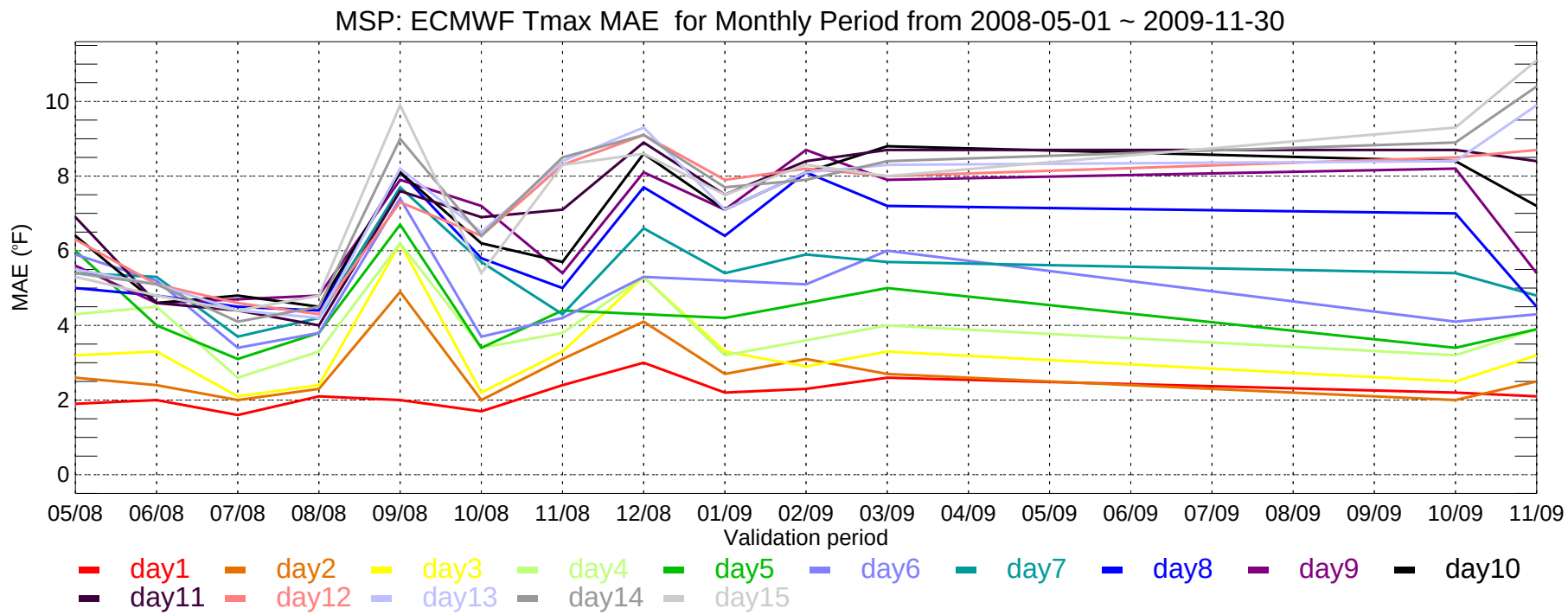
day10
day11
day12
day13
day14
day15


MSP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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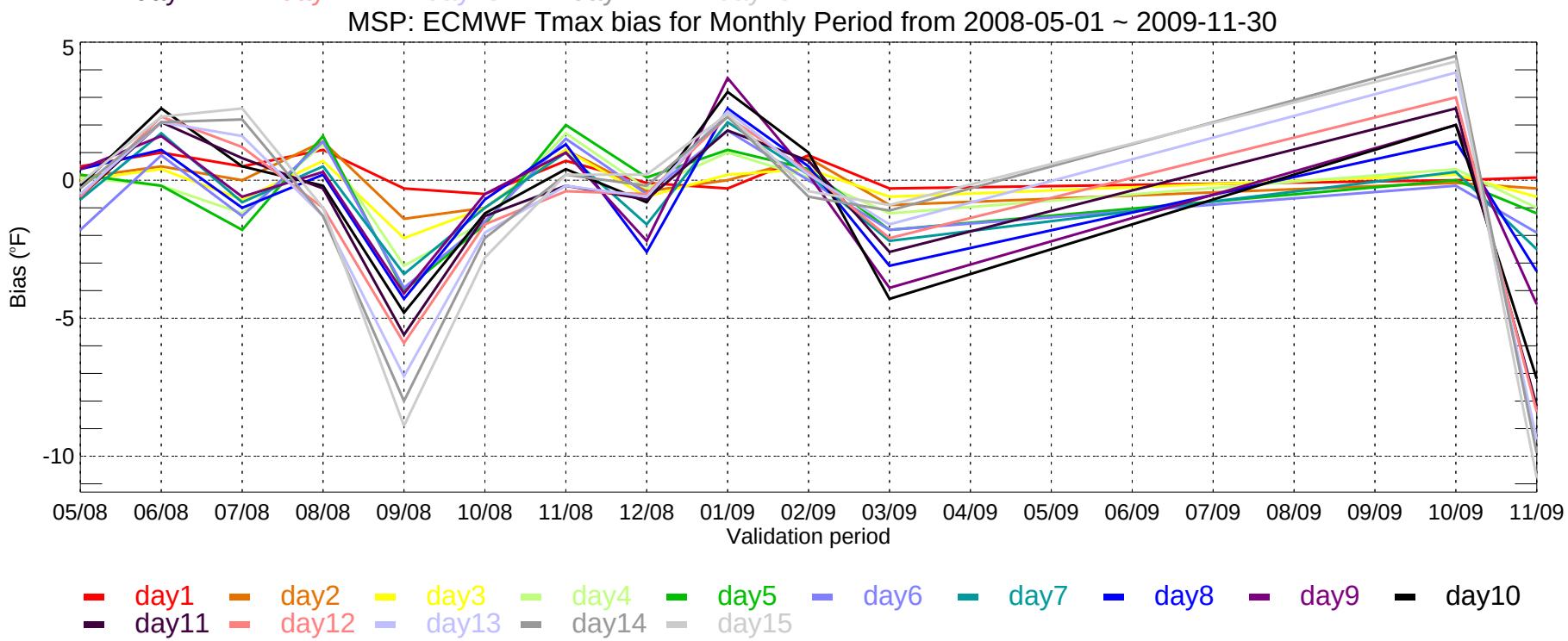
day11
day12
day13
day14
day15


MSP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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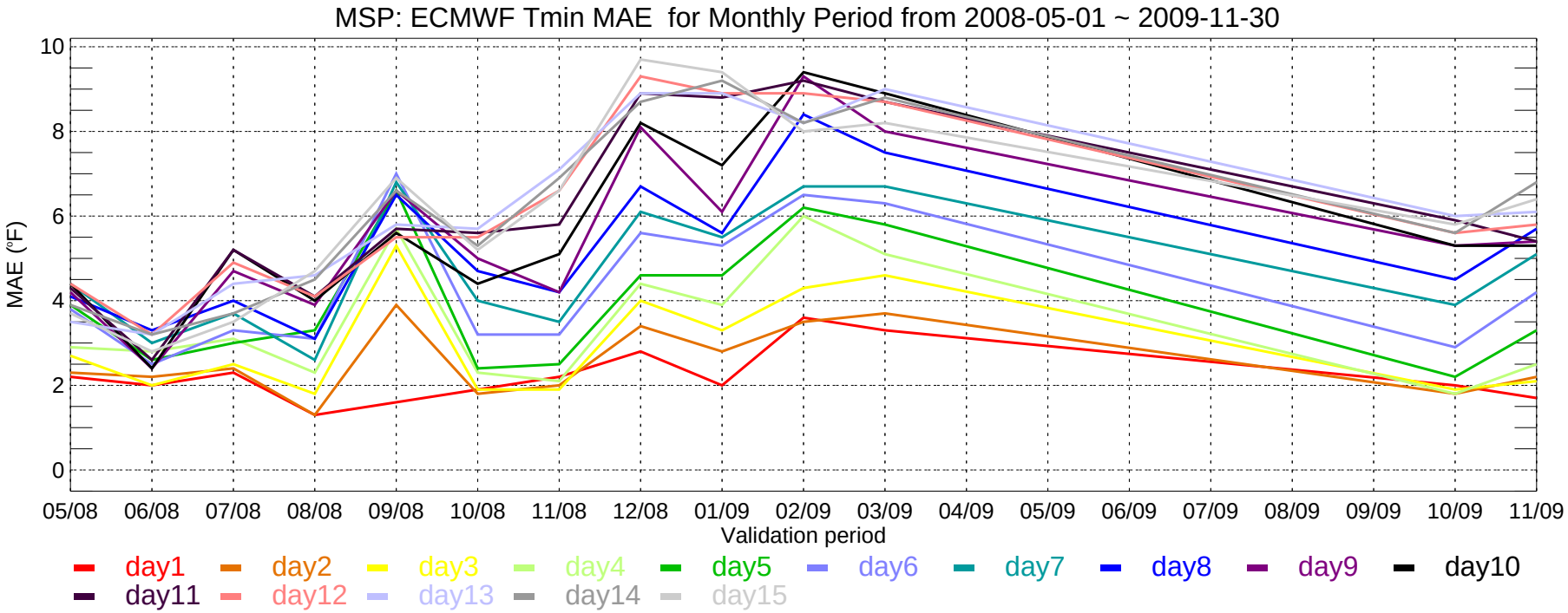
day10
day11
day12
day13
day14
day15


MSP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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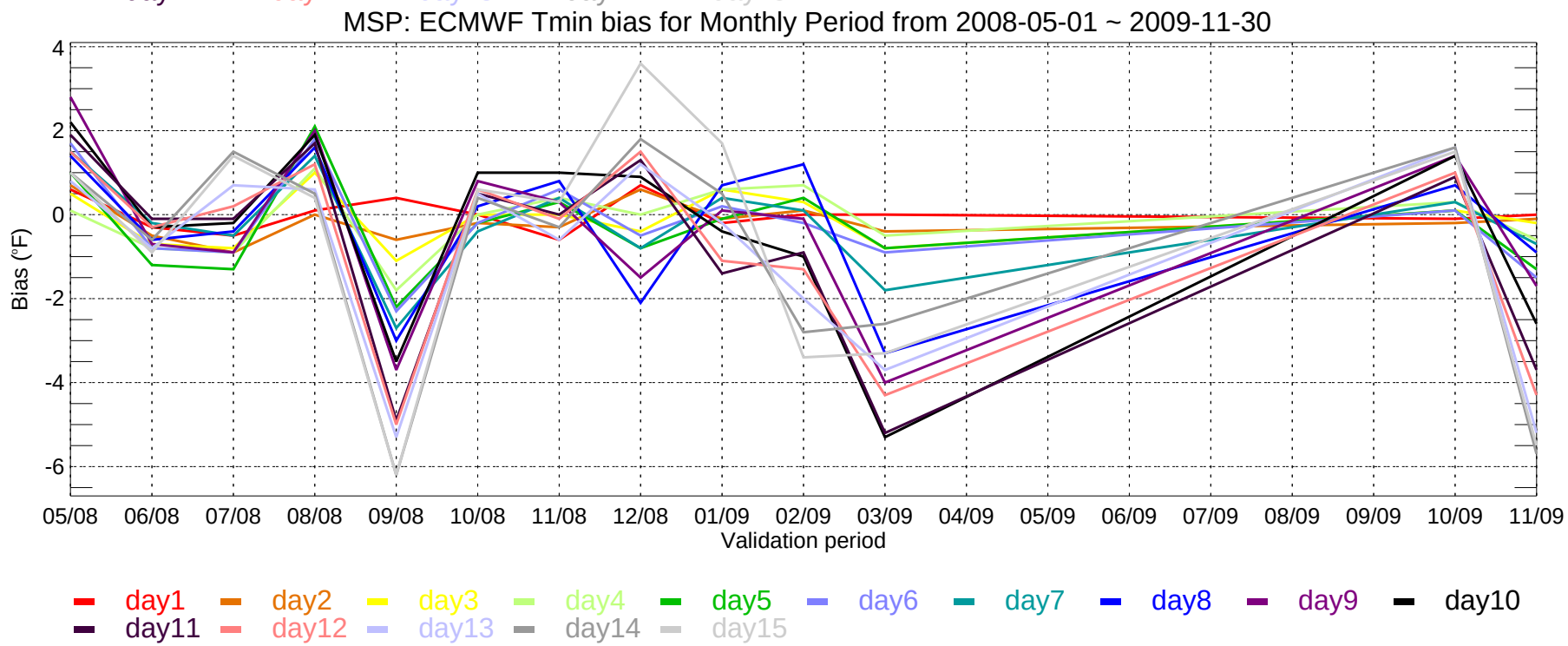
day11
day12
day13
day14
day15


MSP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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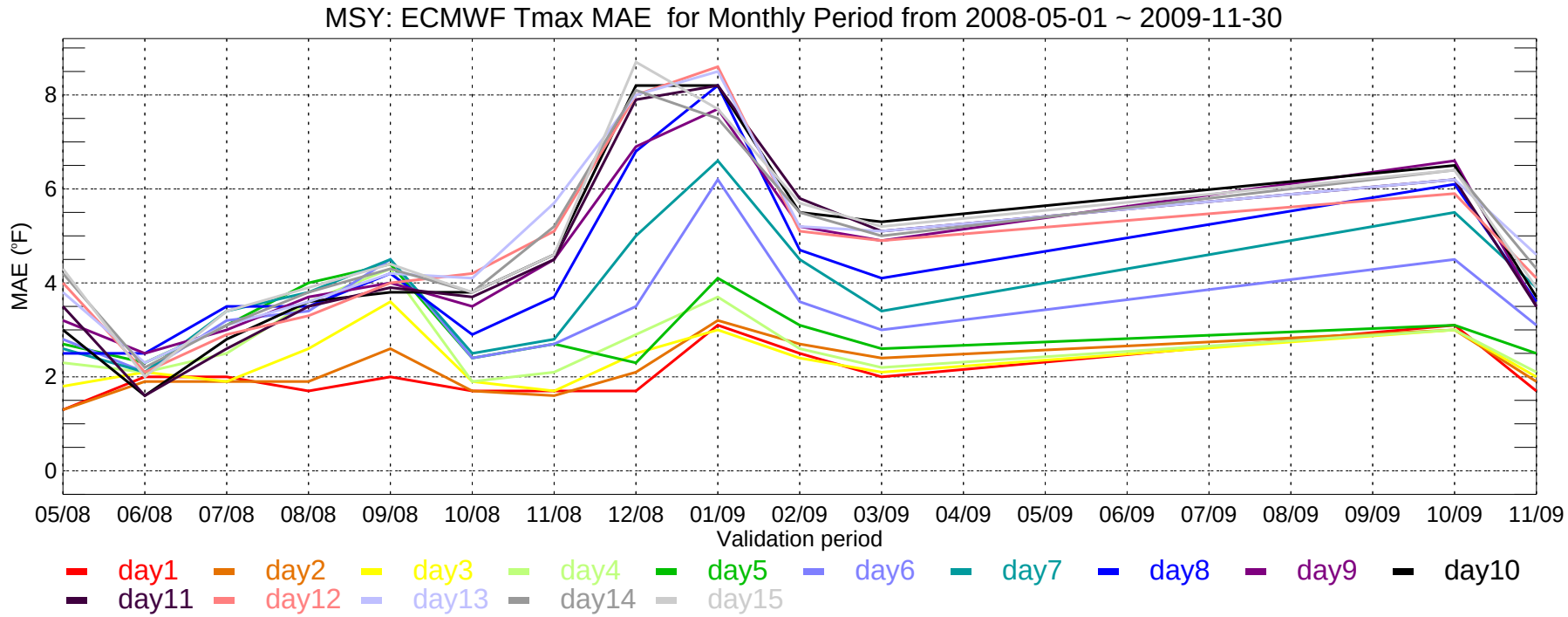
day11
day12
day13
day14
day15


MSY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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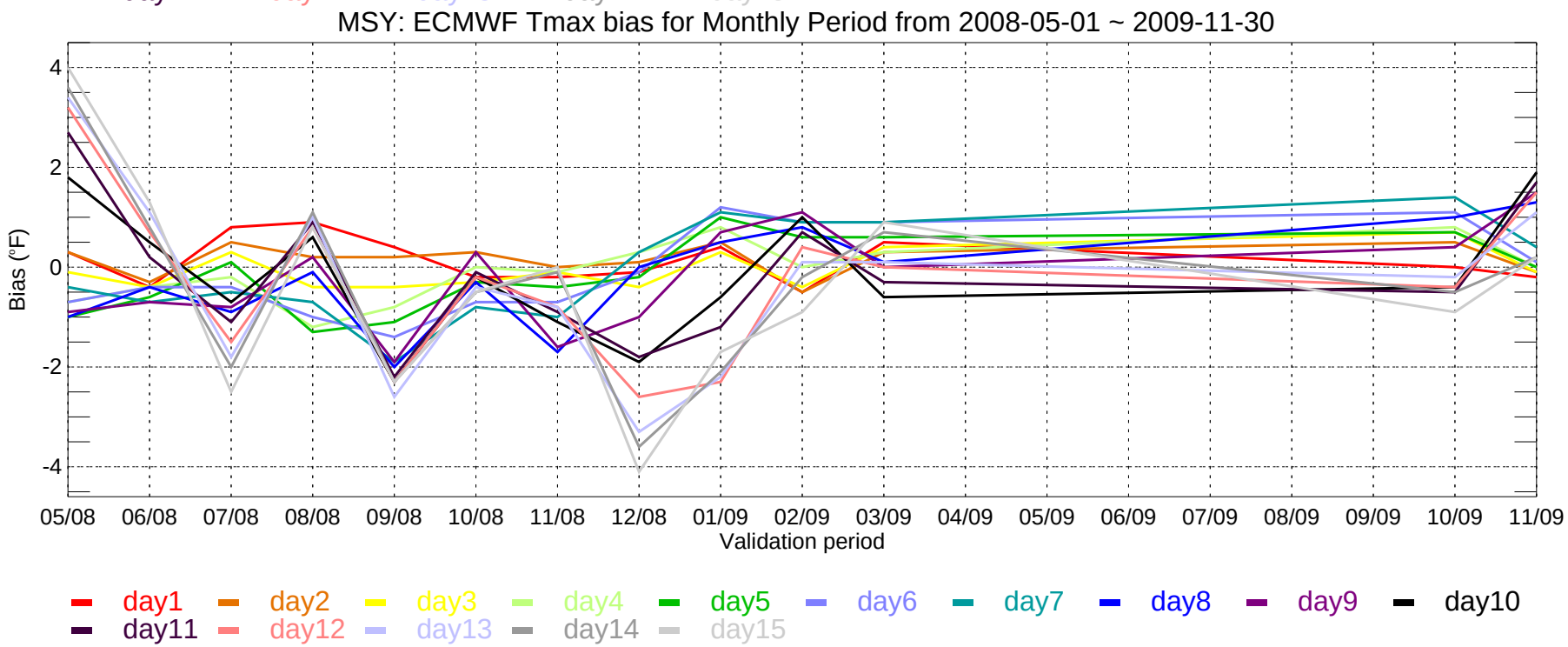
day10
day11
day12
day13
day14
day15


MSY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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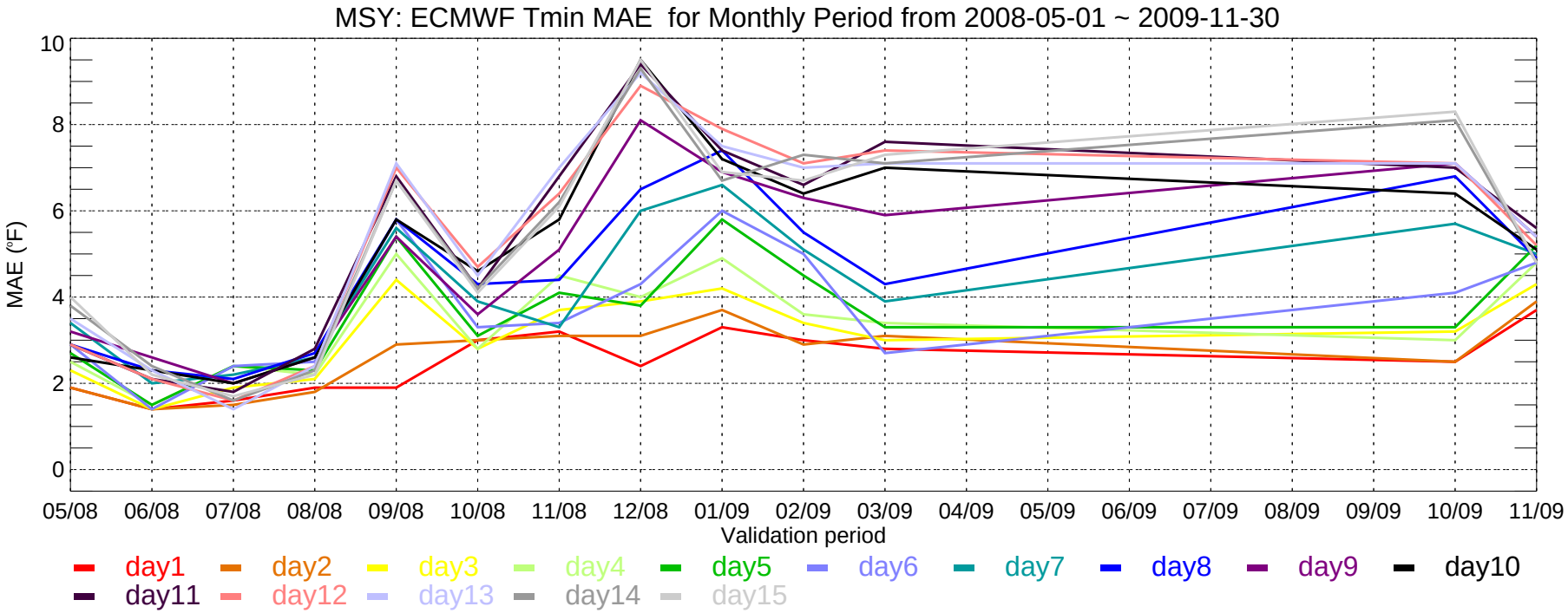
day10
day11
day12
day13
day14
day15


MSY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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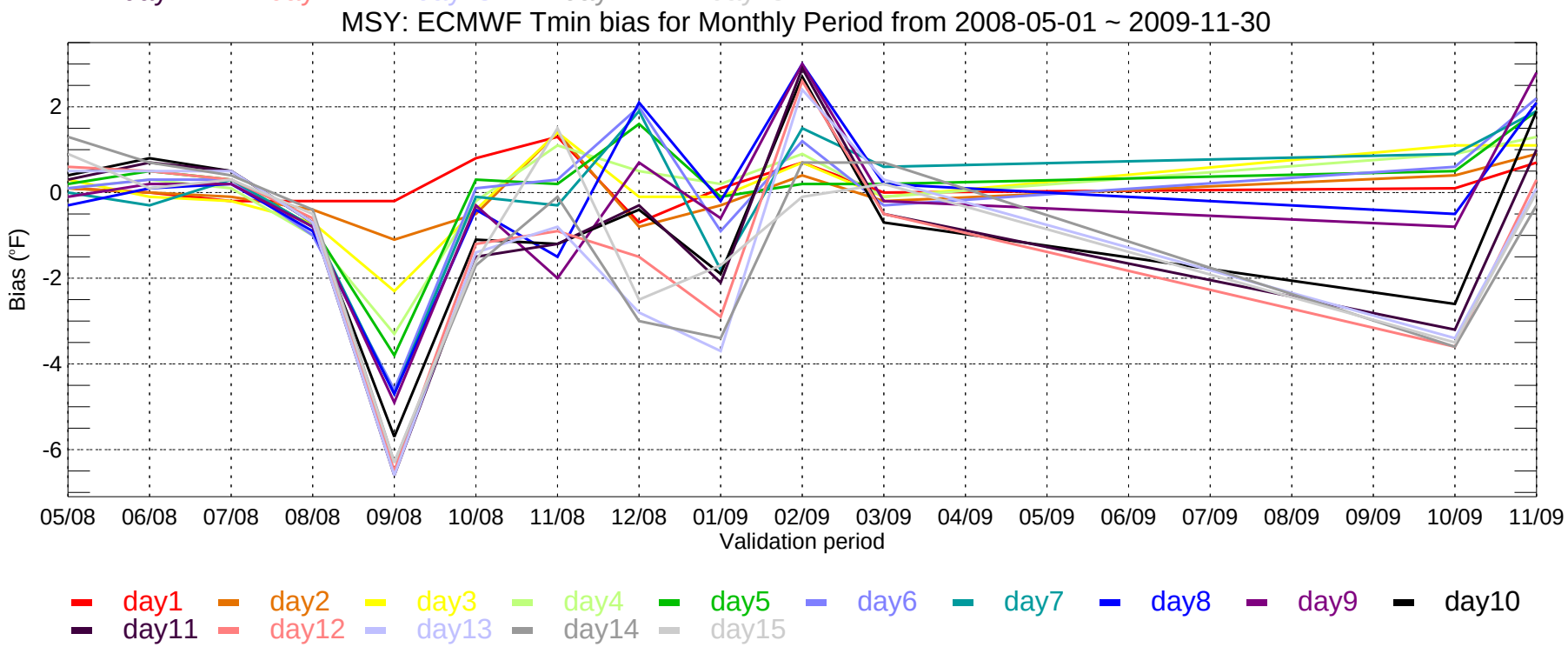
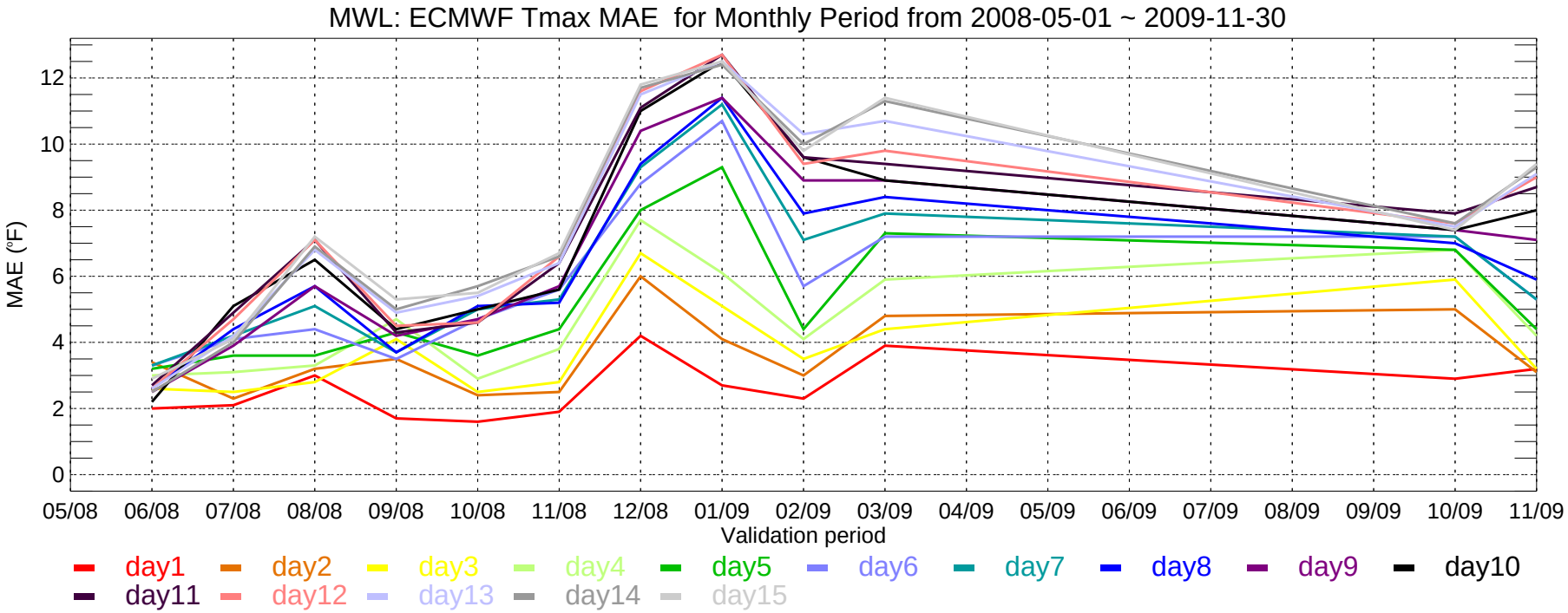
day10
day11
day12
day13
day14
day15


MSY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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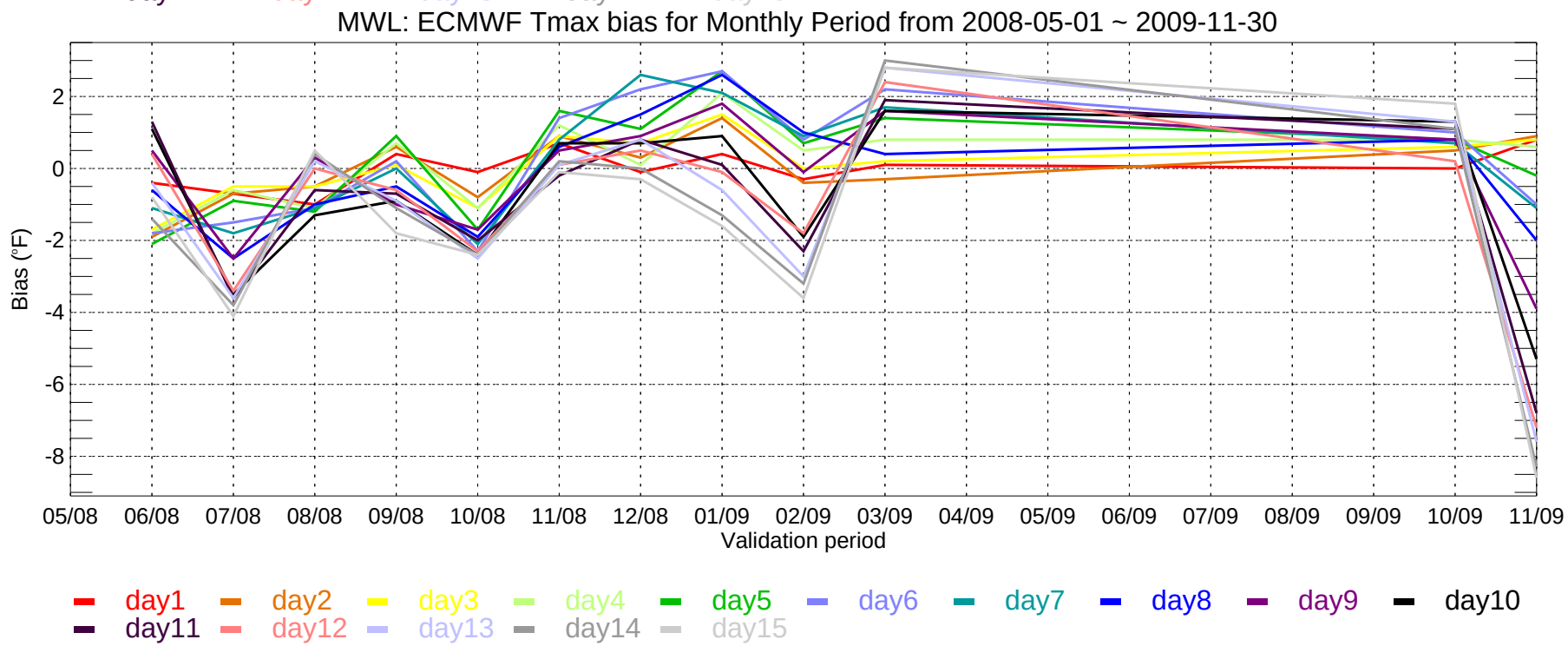
day10
day11
day12
day13
day14
day15


MWL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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day7
day8
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day10
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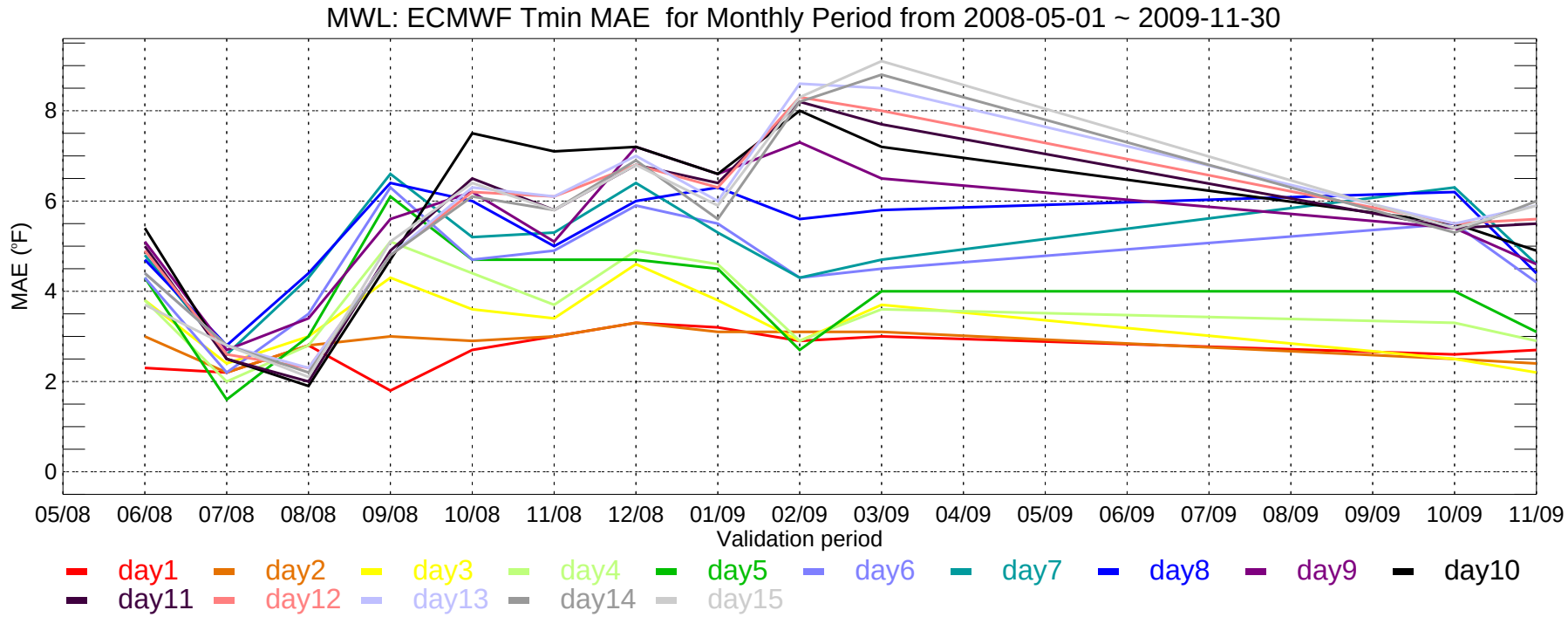
day13
day14
day15


MWL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
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day8
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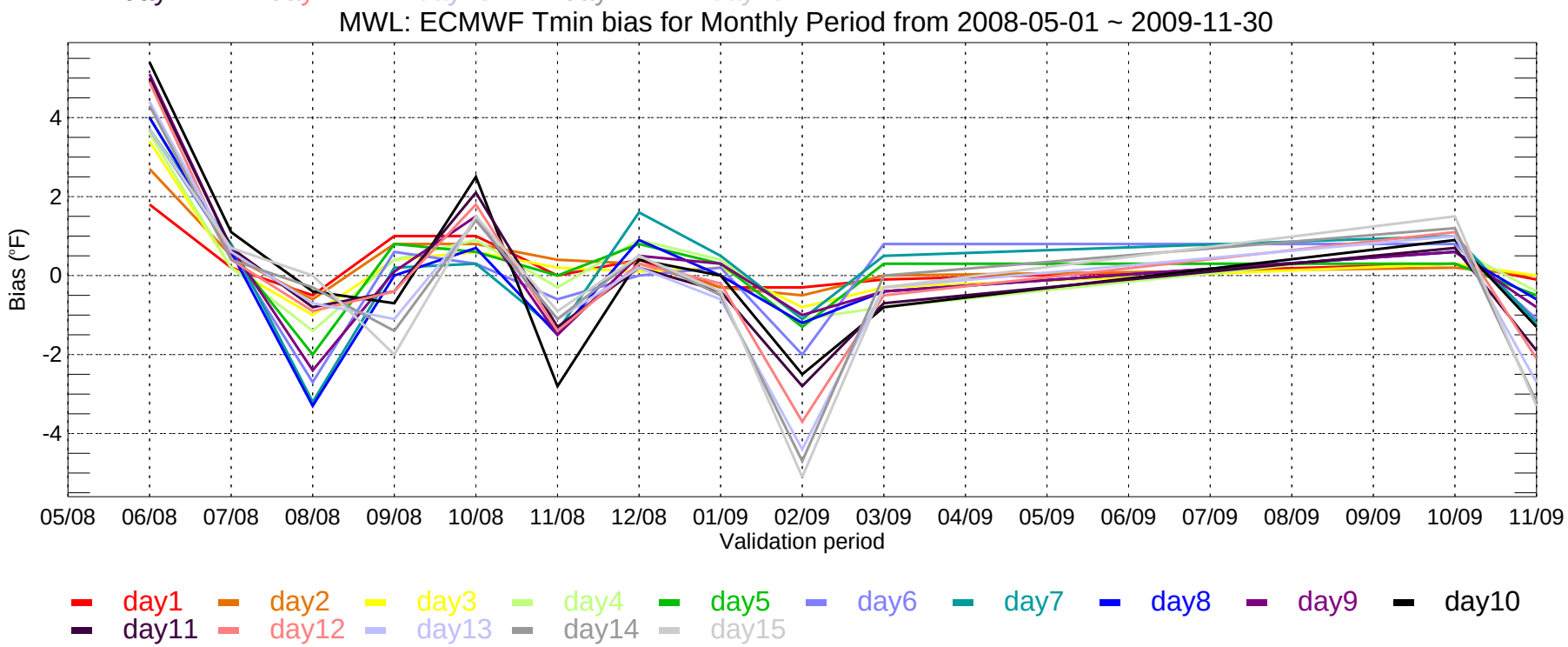
day14
day15


MWL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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07/09
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09/09
10/09
11/09
Validation period
day1
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day3
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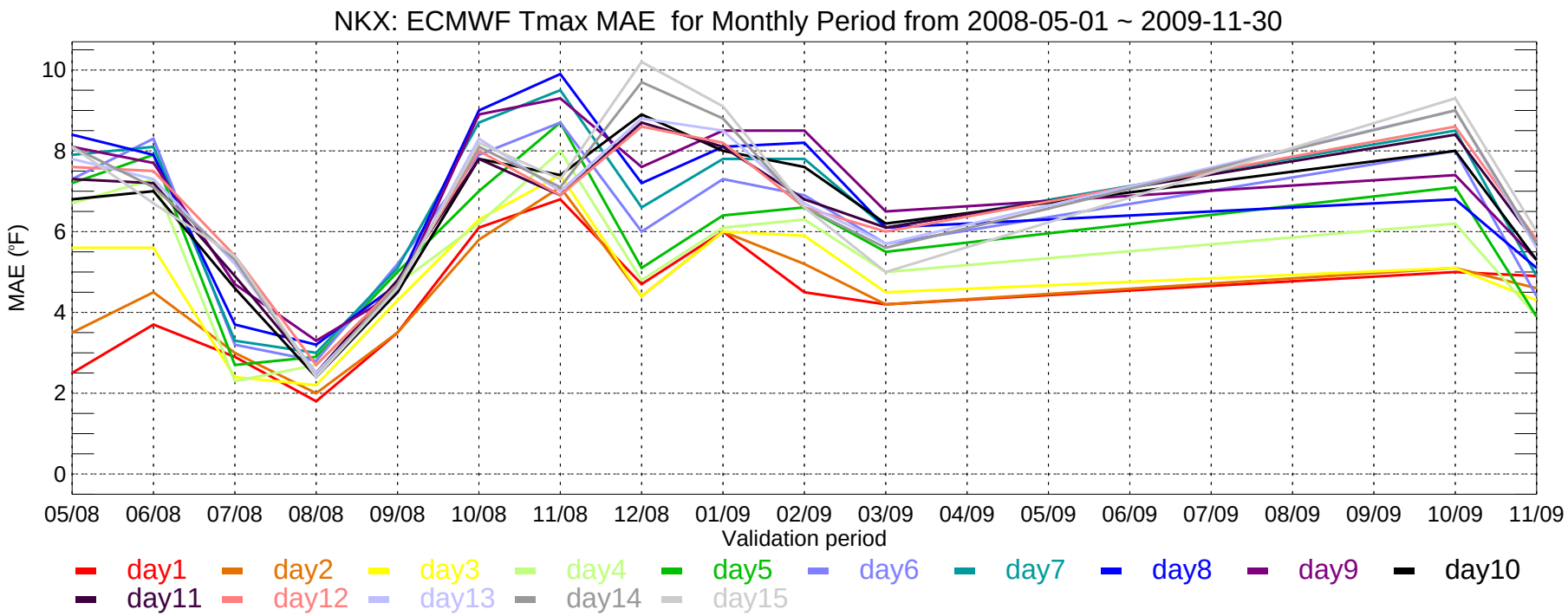
day14
day15


NKX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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day4
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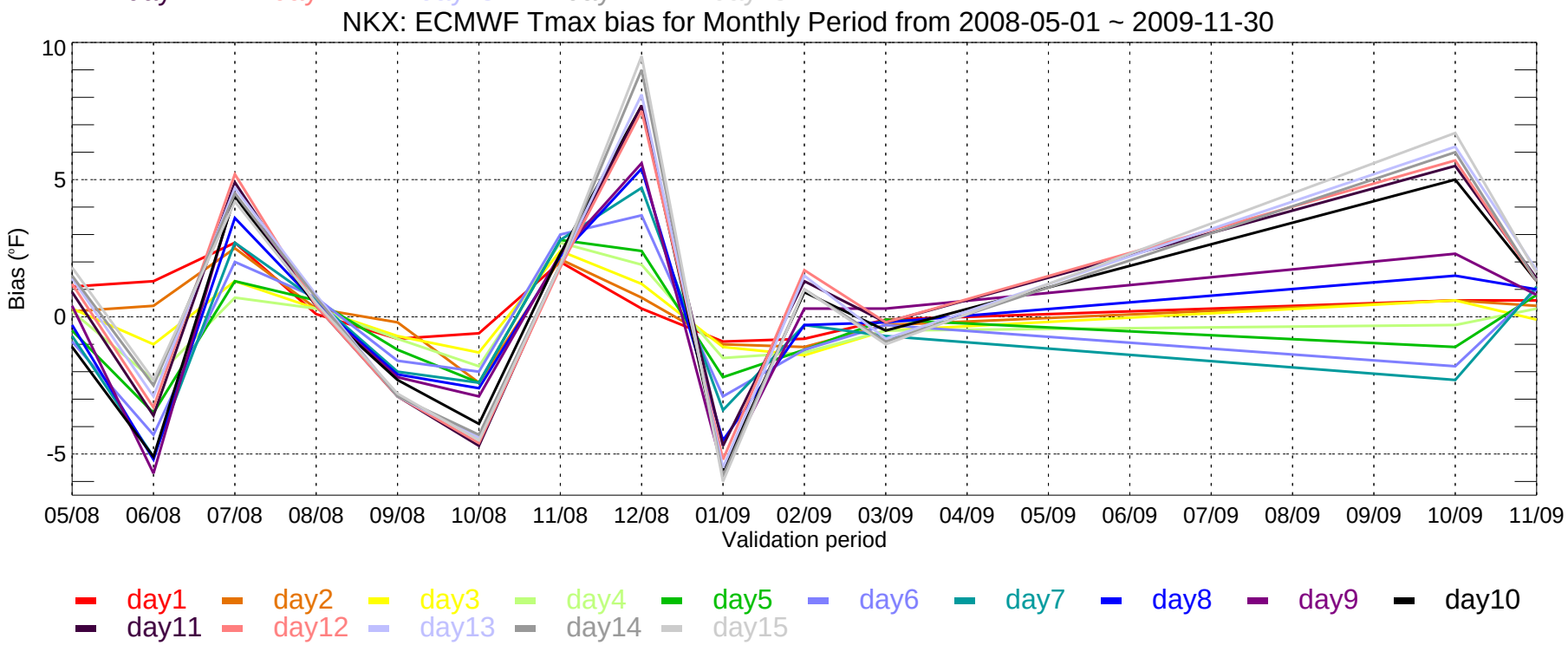
day14
day15


NKX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
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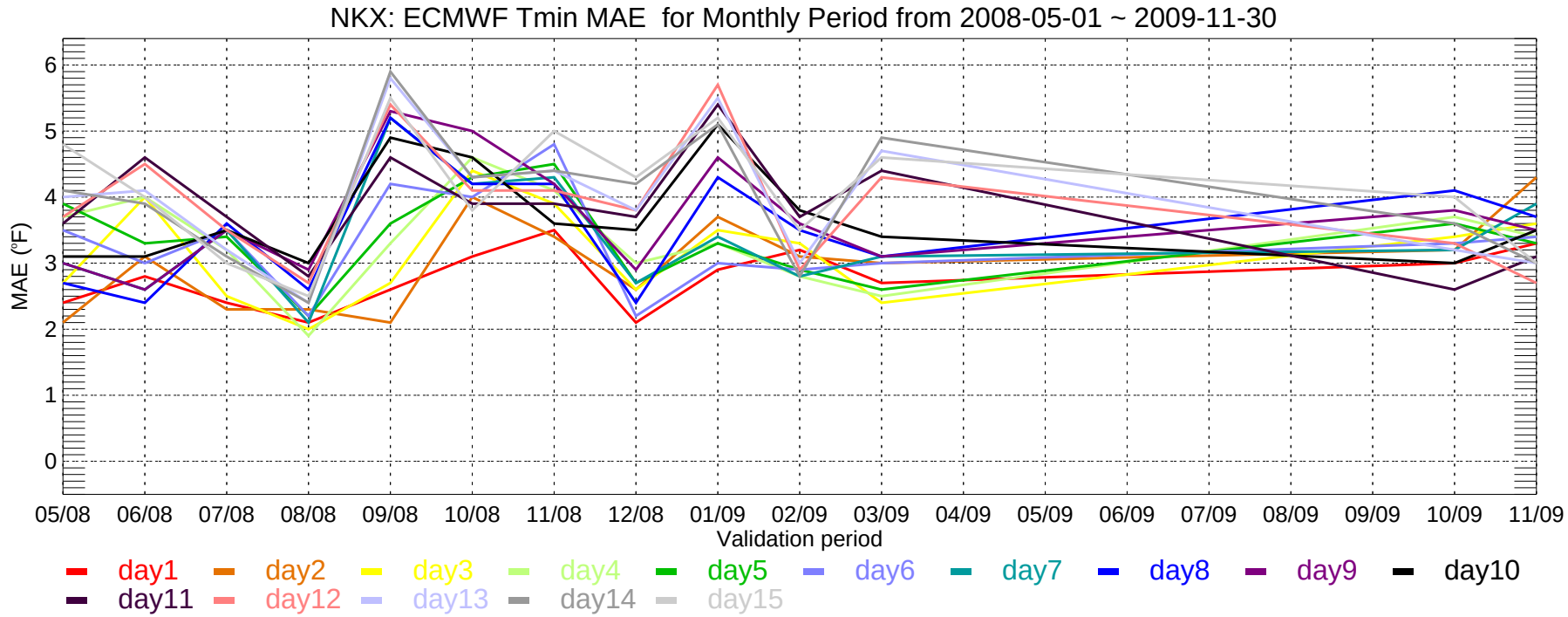
day14
day15


NKX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
6
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
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09/09
10/09
11/09
Validation period
day1
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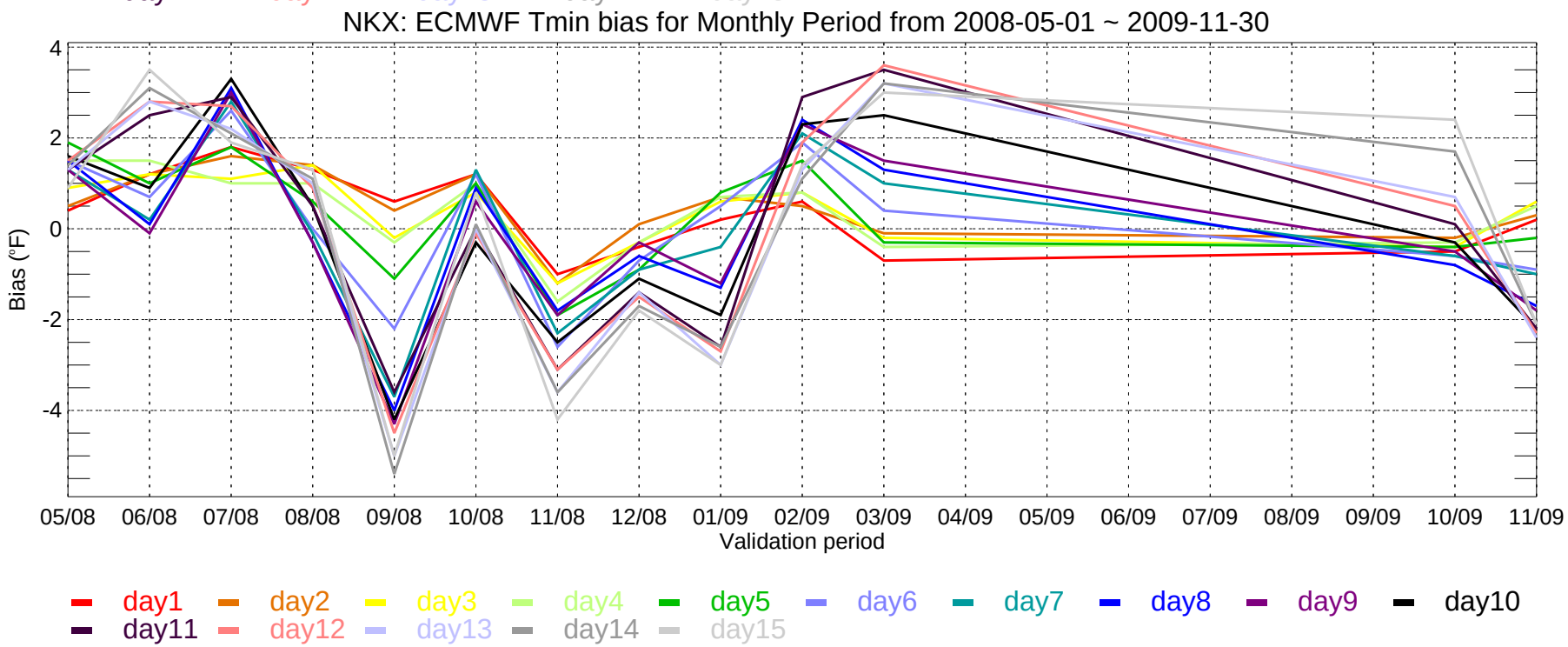
day14
day15


NKX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
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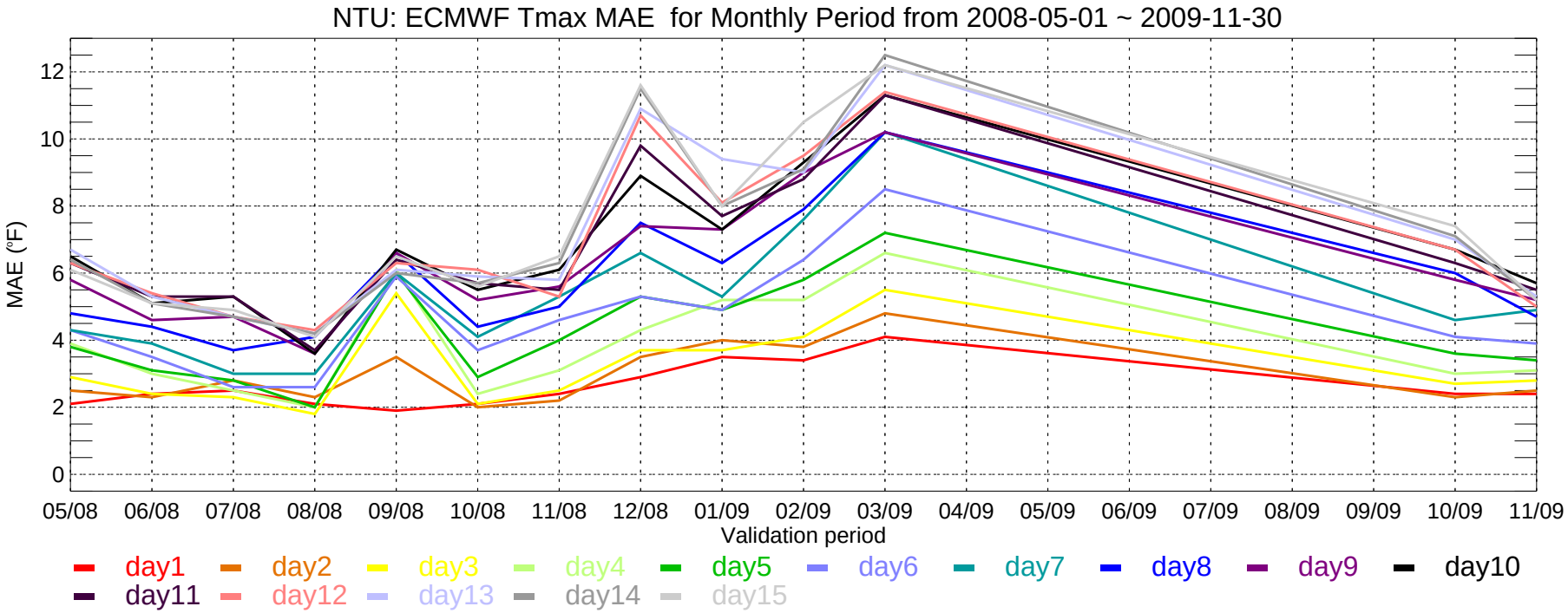
day14
day15


NTU: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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03/09
04/09
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08/09
09/09
10/09
11/09
Validation period
day1
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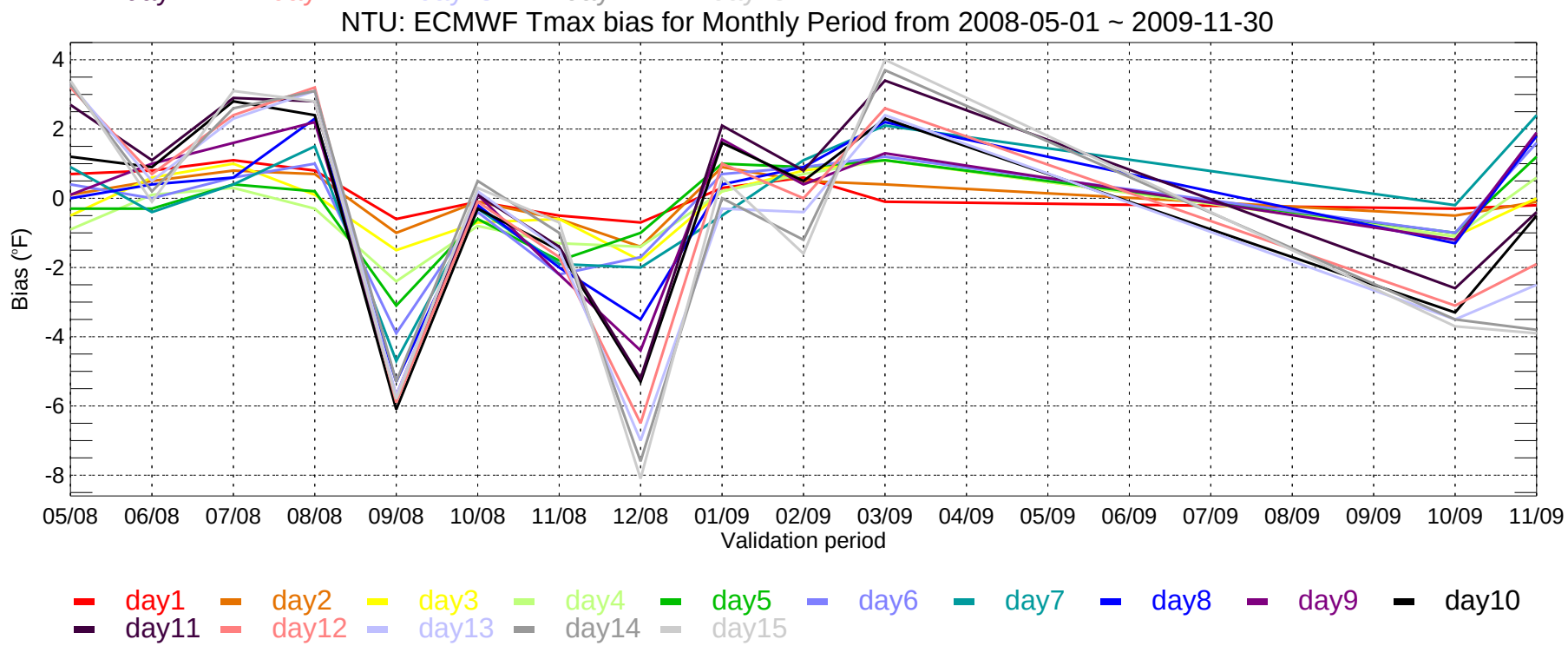
day14
day15


NTU: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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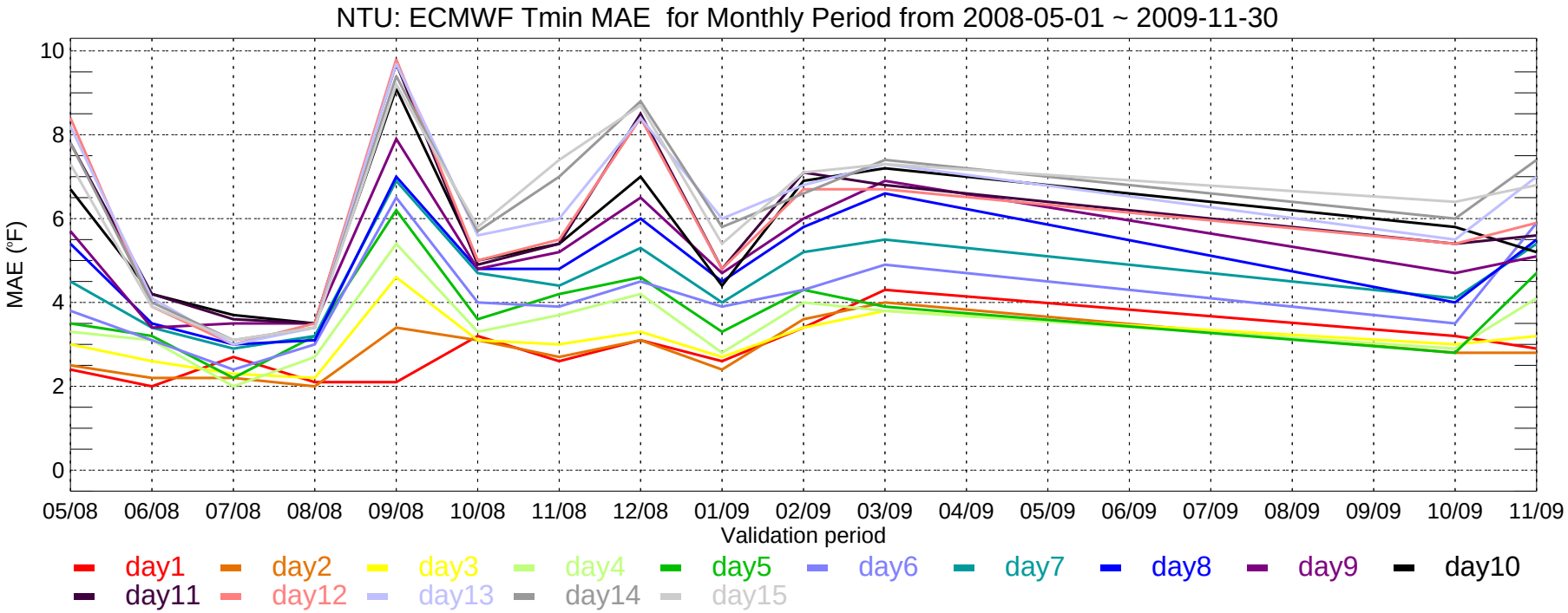
day14
day15


NTU: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day7
day8
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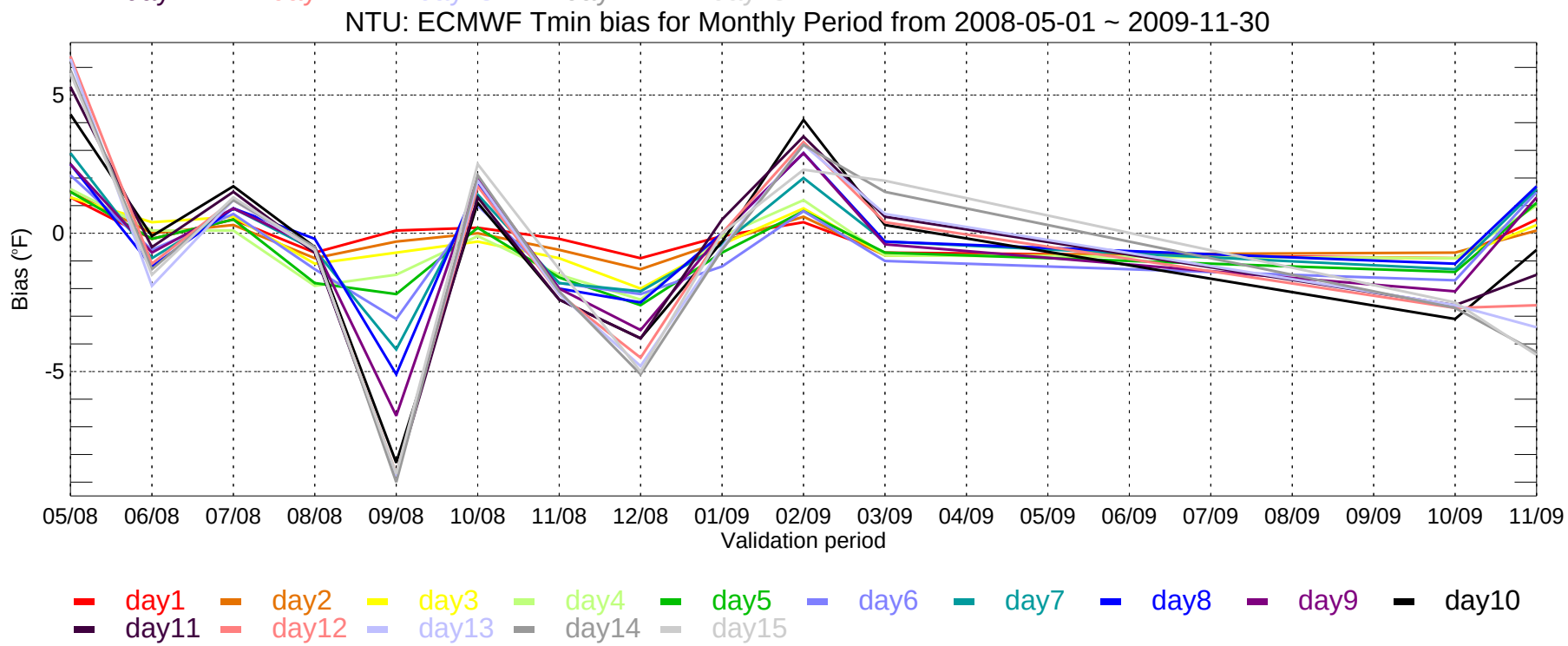
day12
day13
day14
day15


NTU: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
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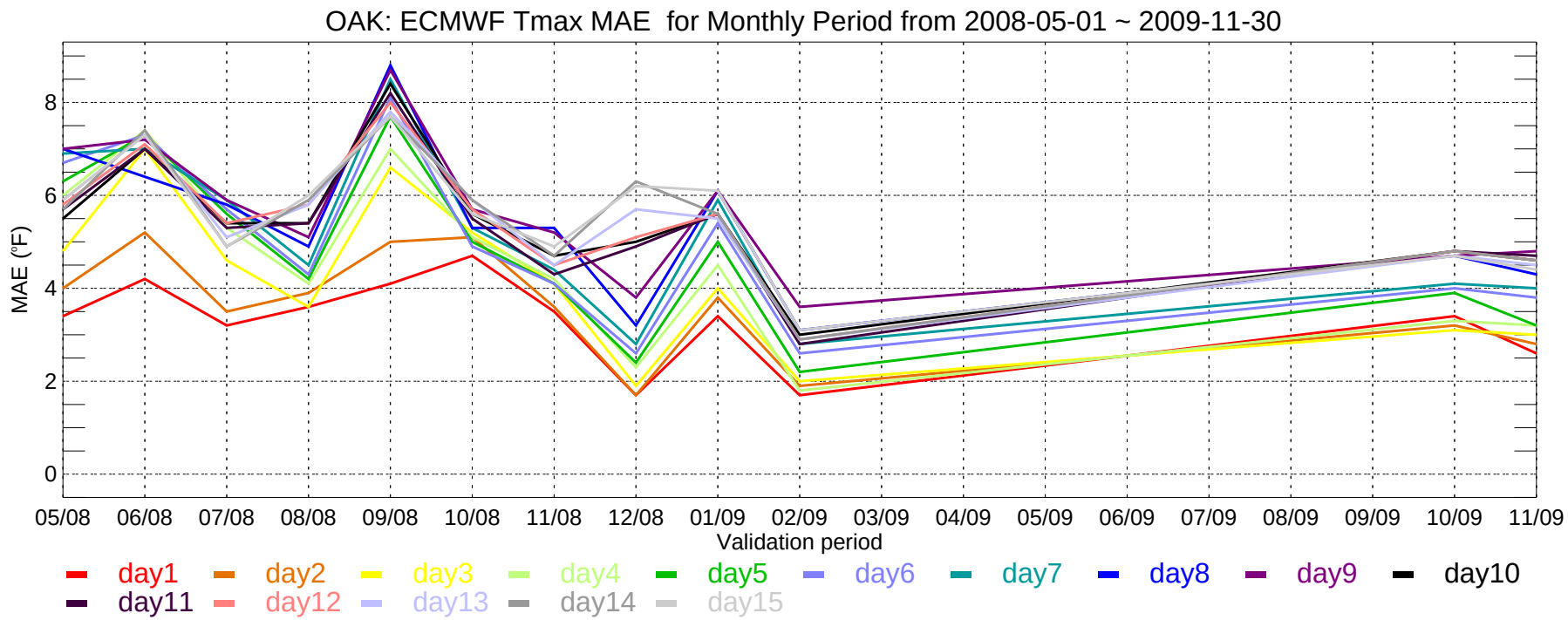
day12
day13
day14
day15


OAK: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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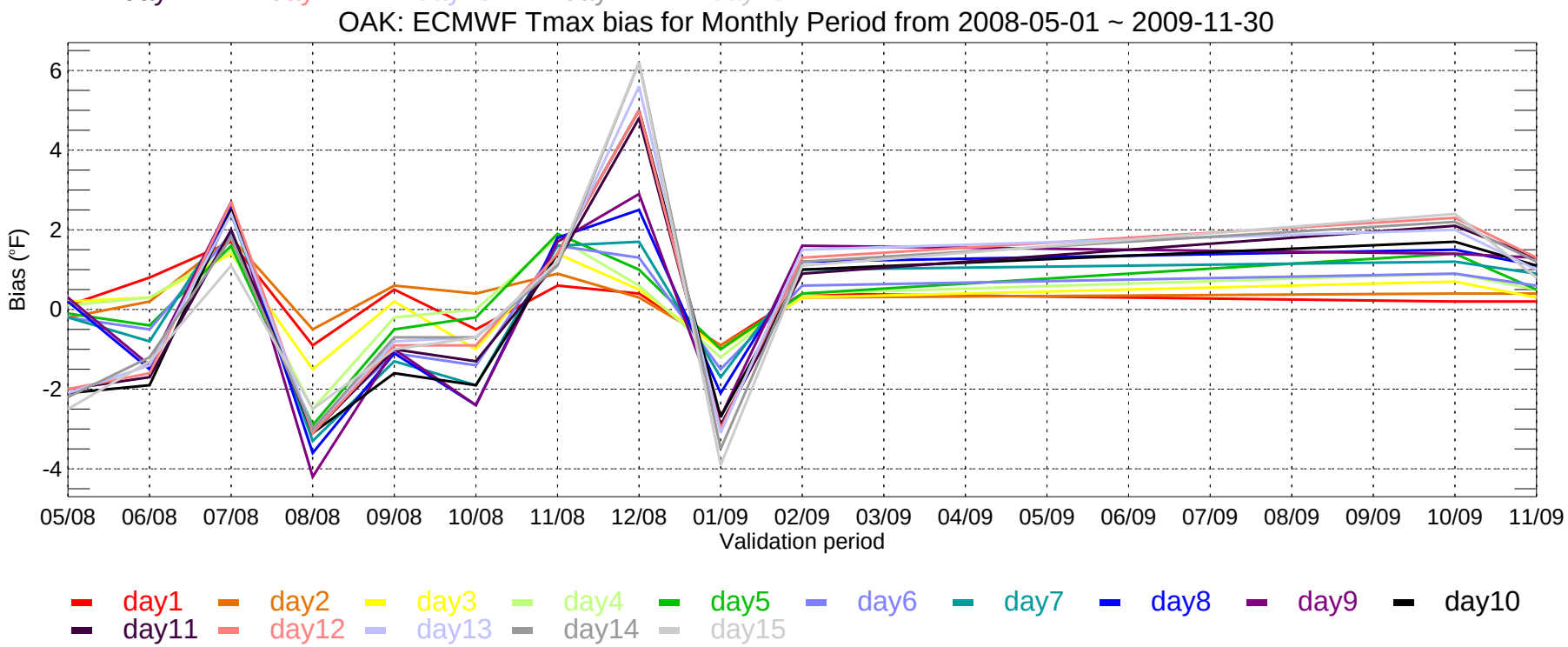
day11
day12
day13
day14
day15


OAK: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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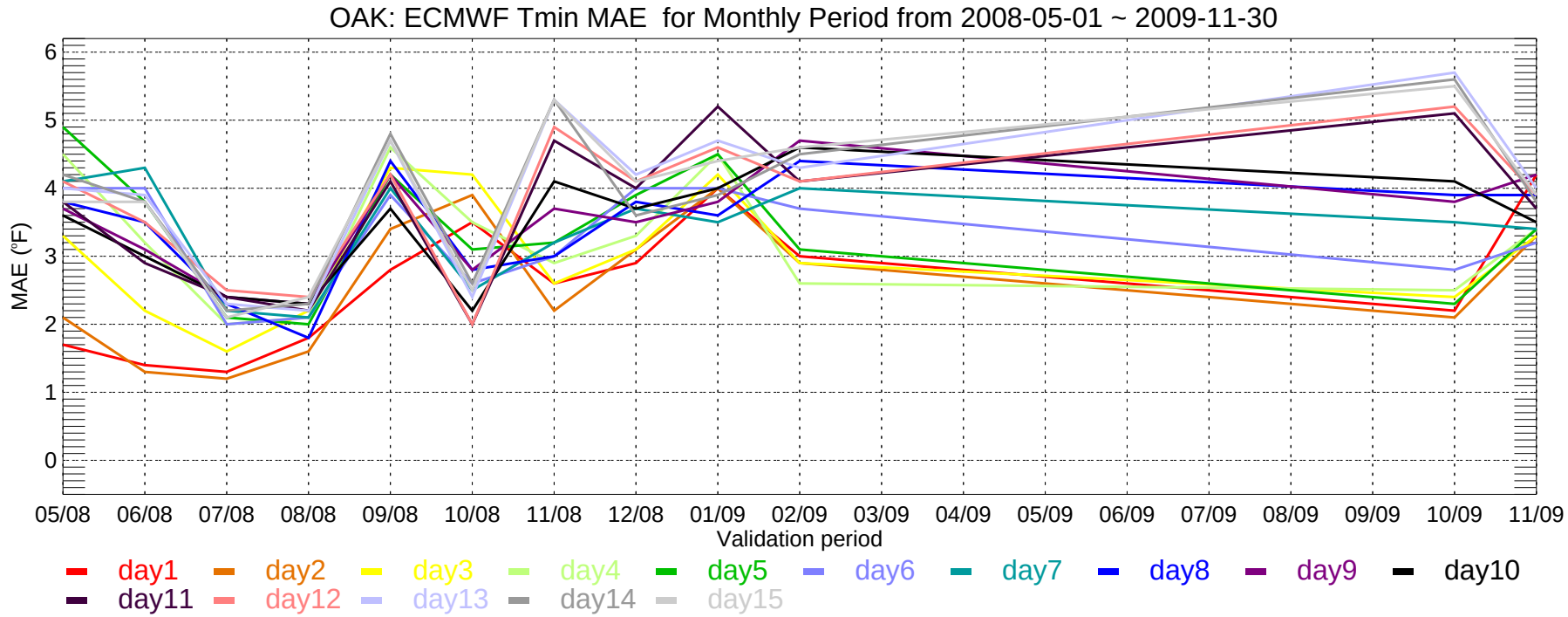
day13
day14
day15


OAK: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
6
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
Validation period
day1
day2
day3
day4
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day6
day7
day8
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day10
day11
day12
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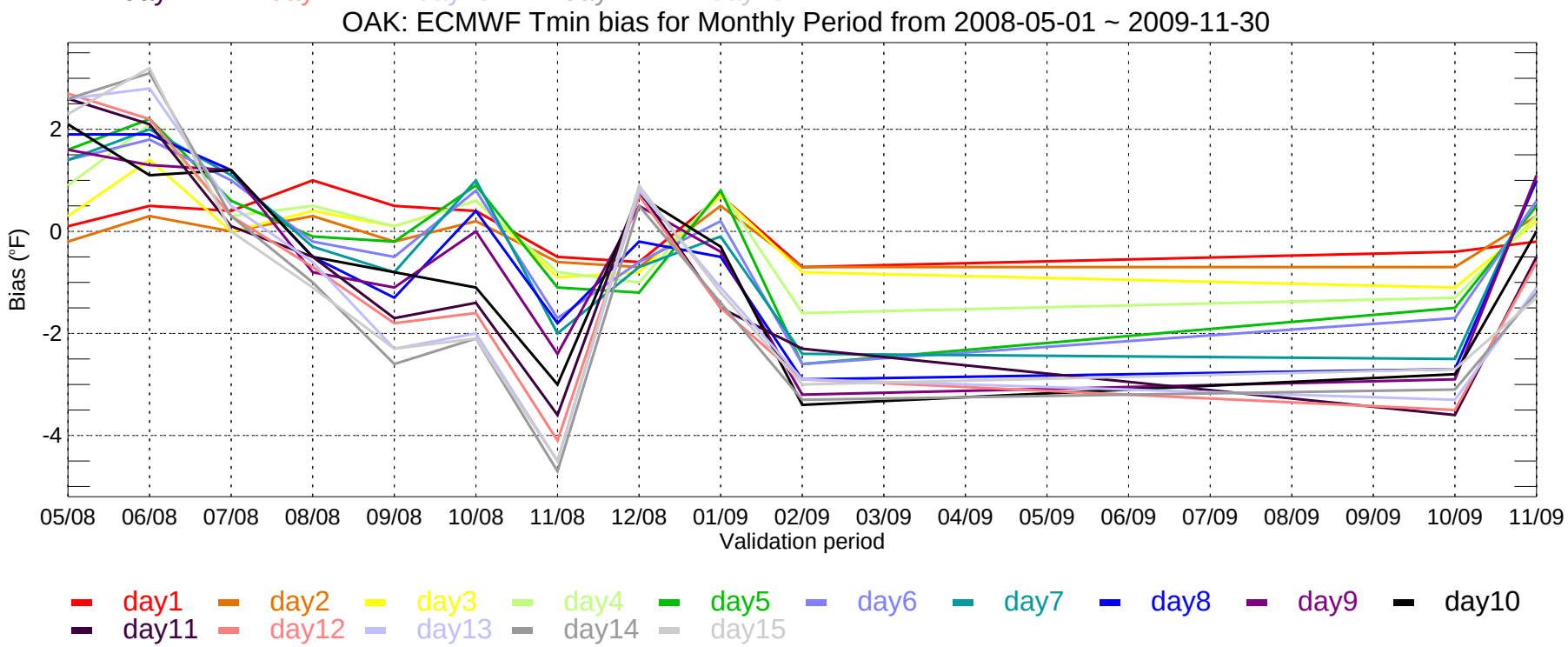
day14
day15


OAK: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
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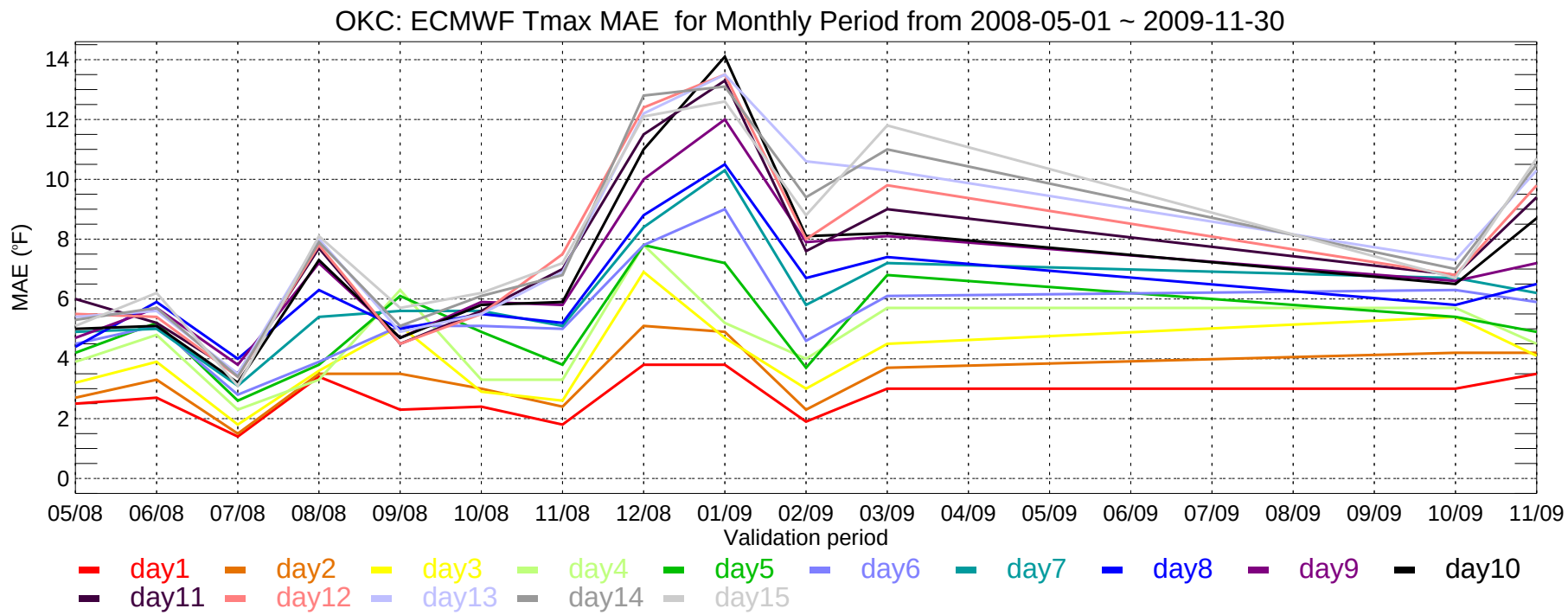
day10
day11
day12
day13
day14
day15


OKC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
day7
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day10
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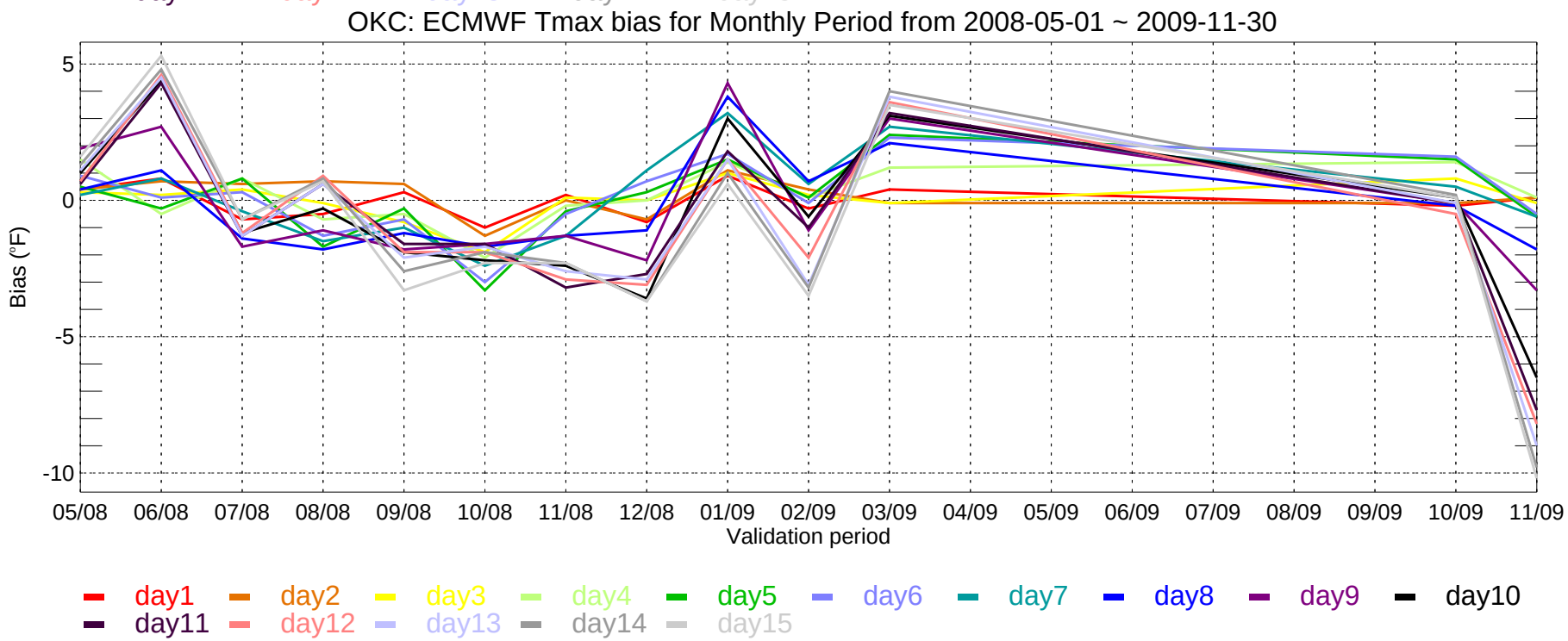
day13
day14
day15


OKC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
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day8
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day10
day11
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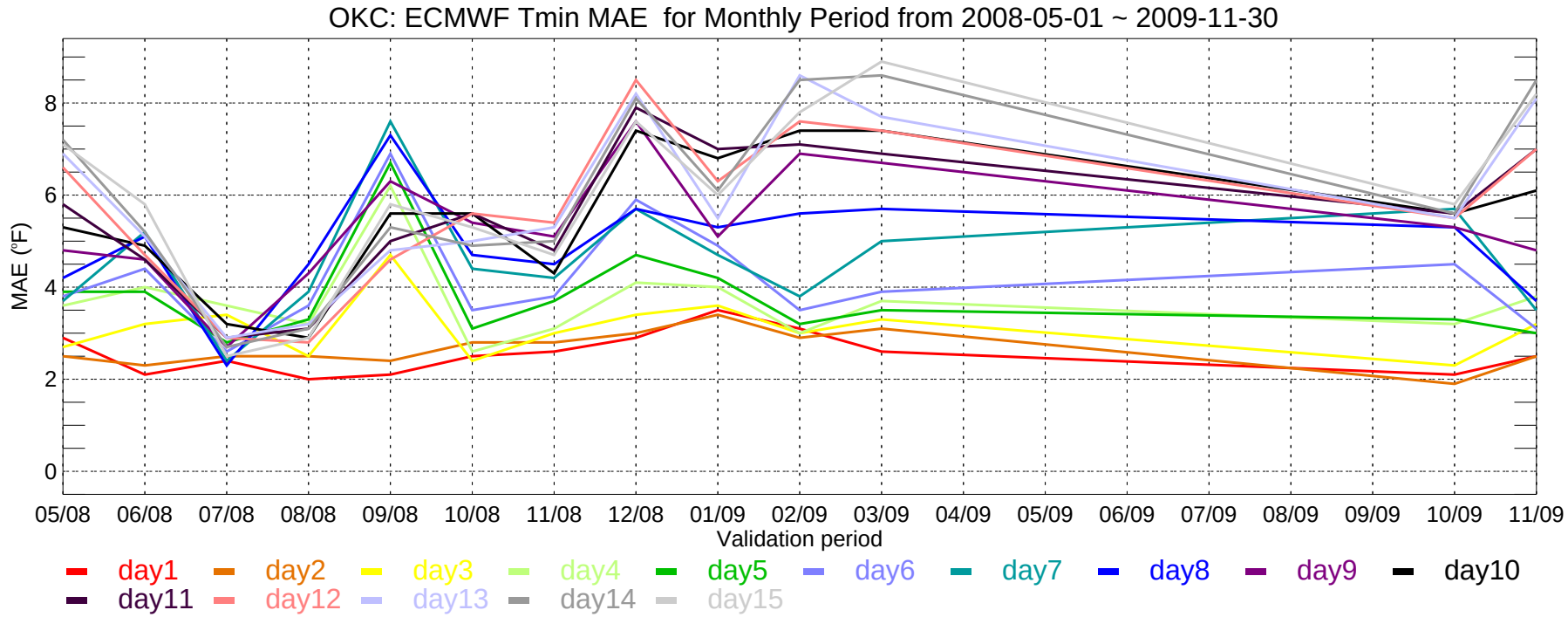
day13
day14
day15


OKC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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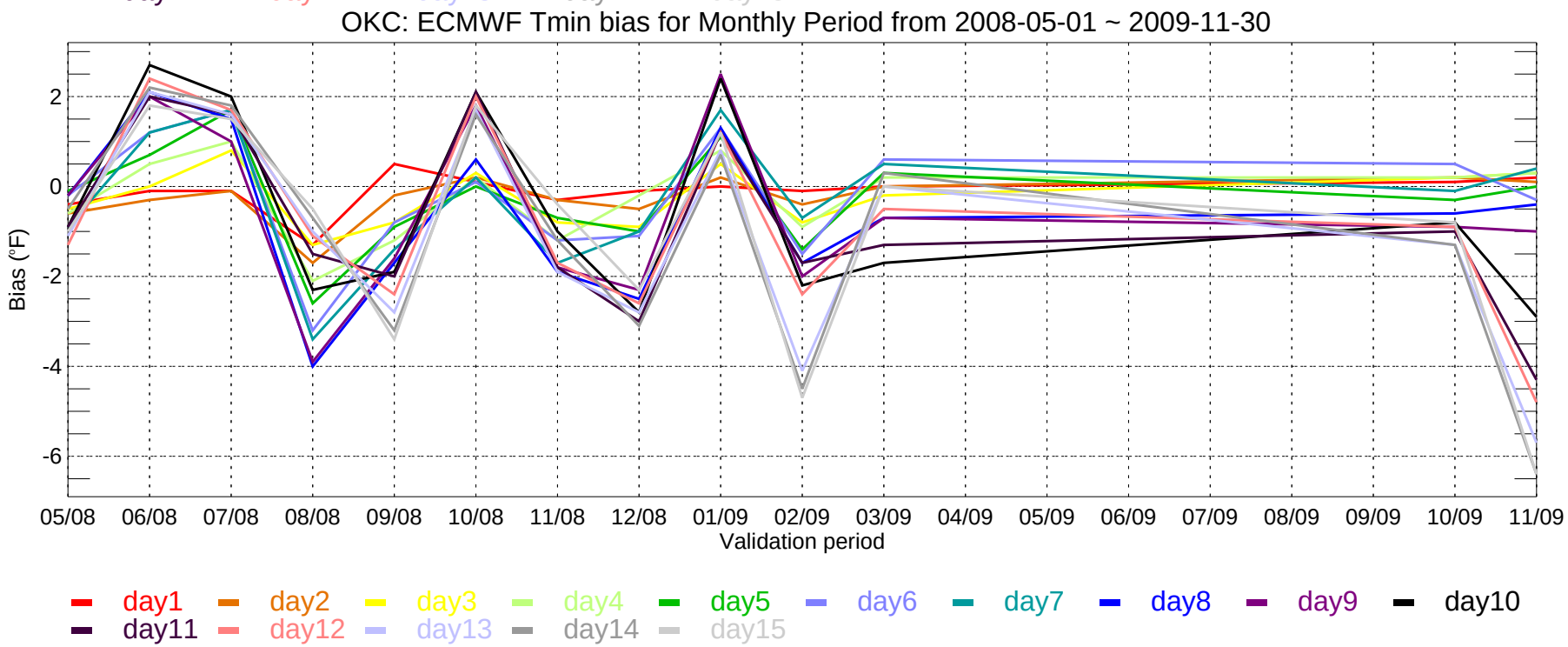
day15


OKC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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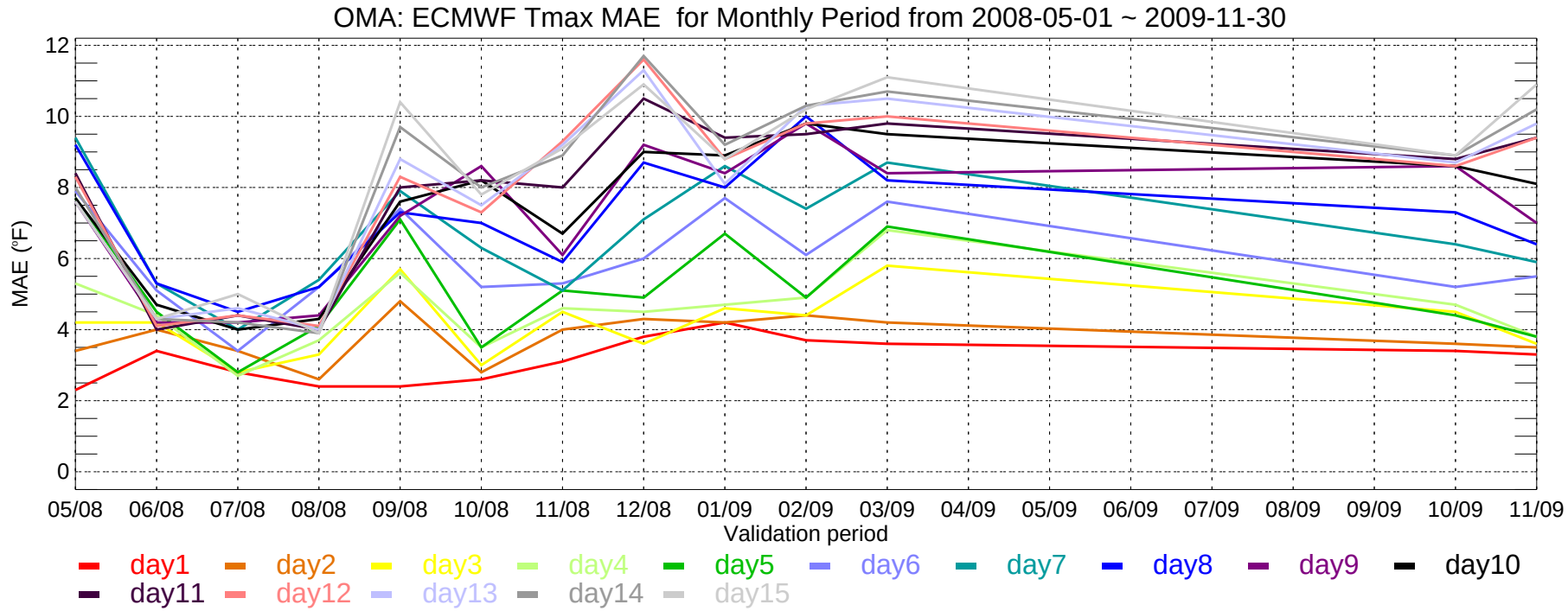
day12
day13
day14
day15


OMA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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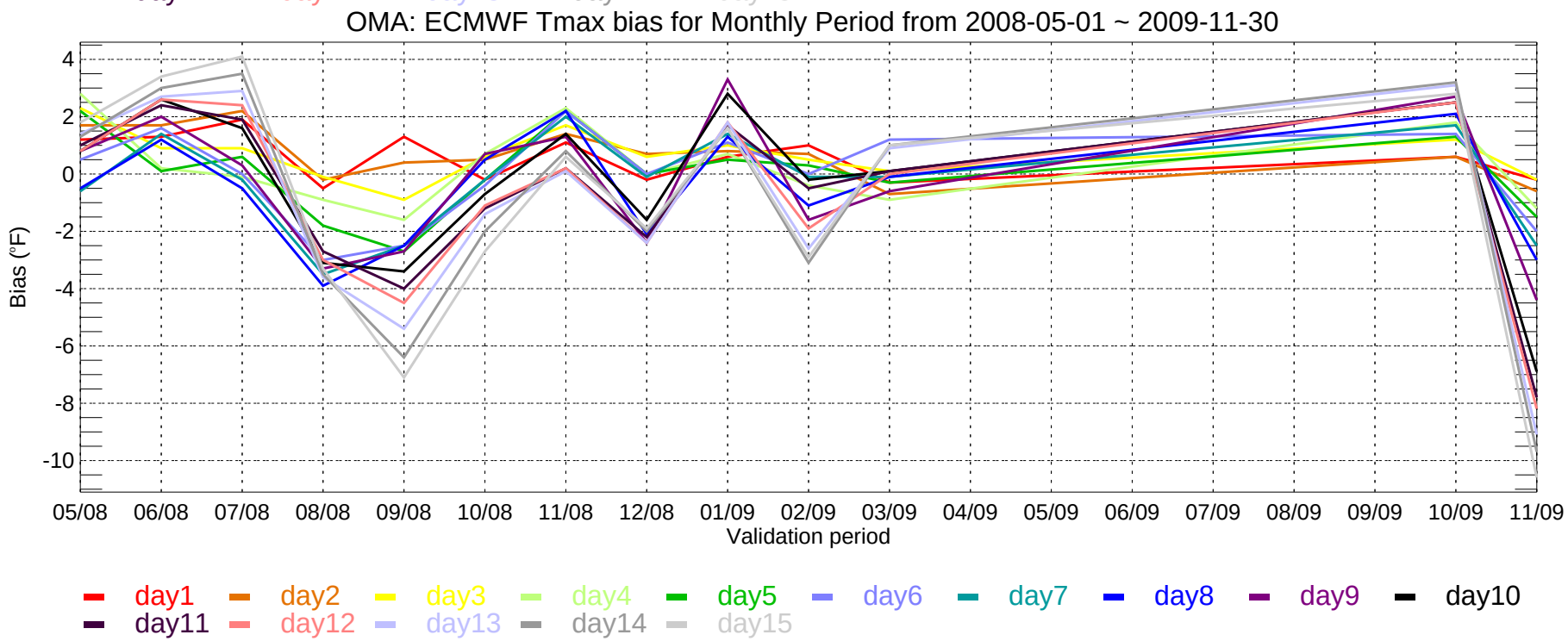
day12
day13
day14
day15


OMA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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day7
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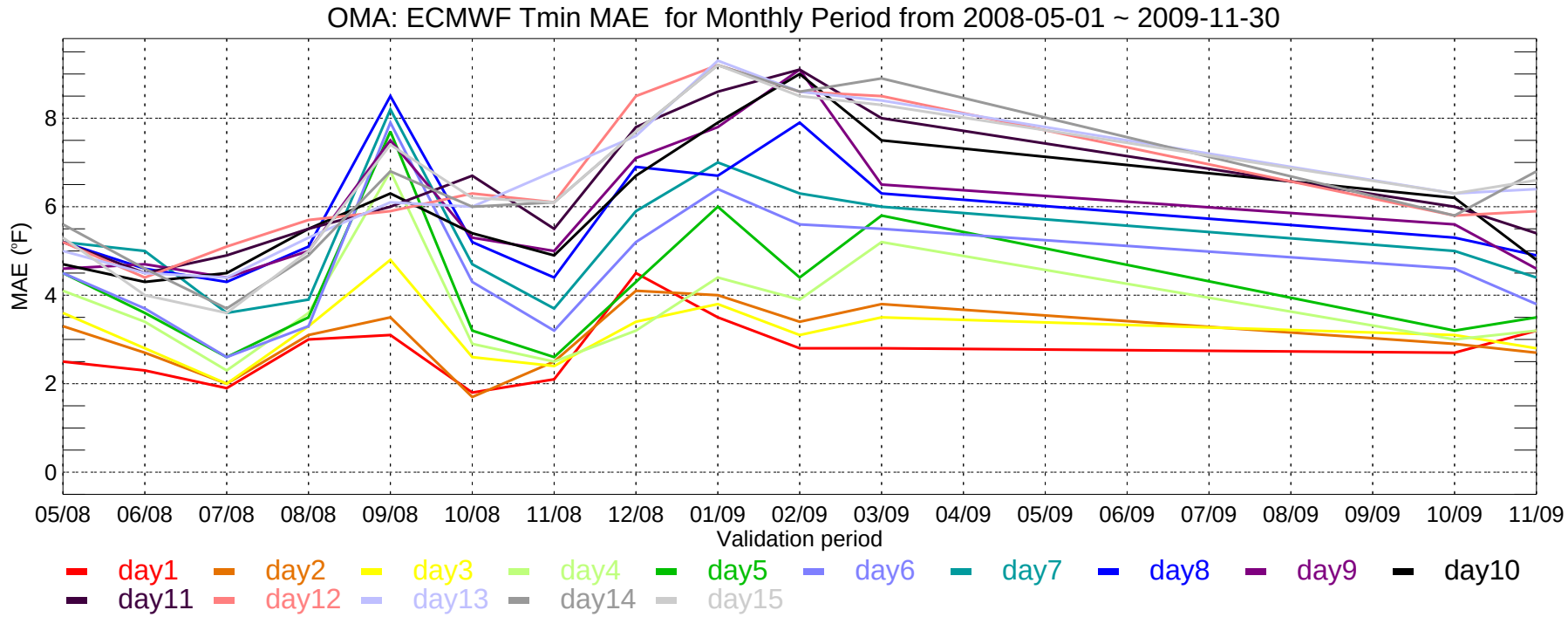
day13
day14
day15


OMA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
day2
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day4
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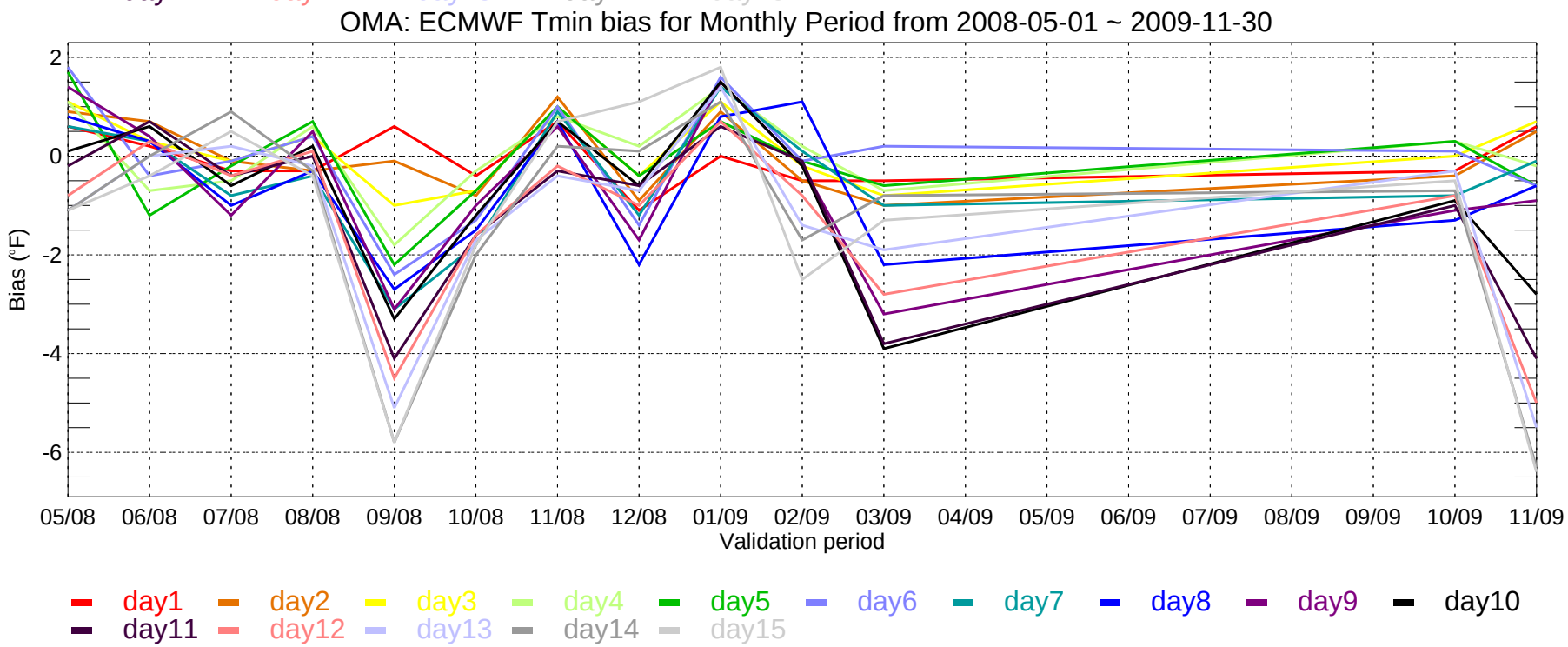
day13
day14
day15


OMA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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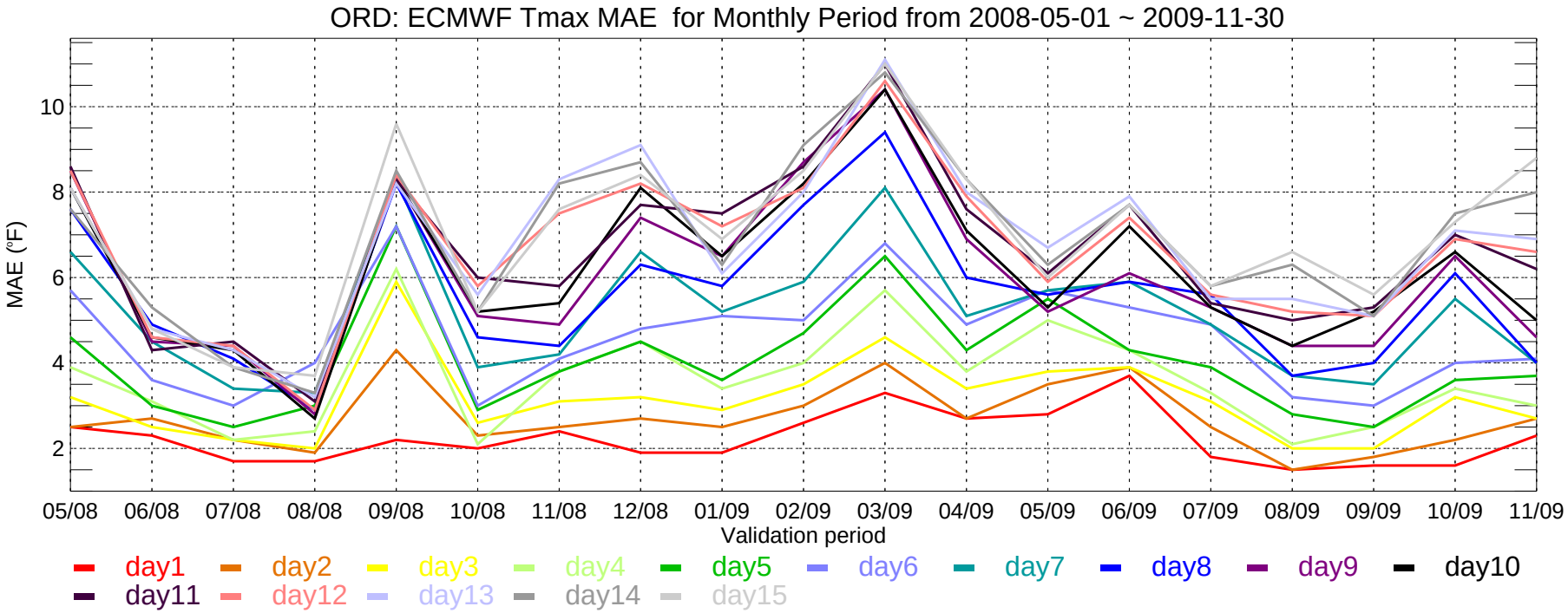
day14
day15


ORD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day4
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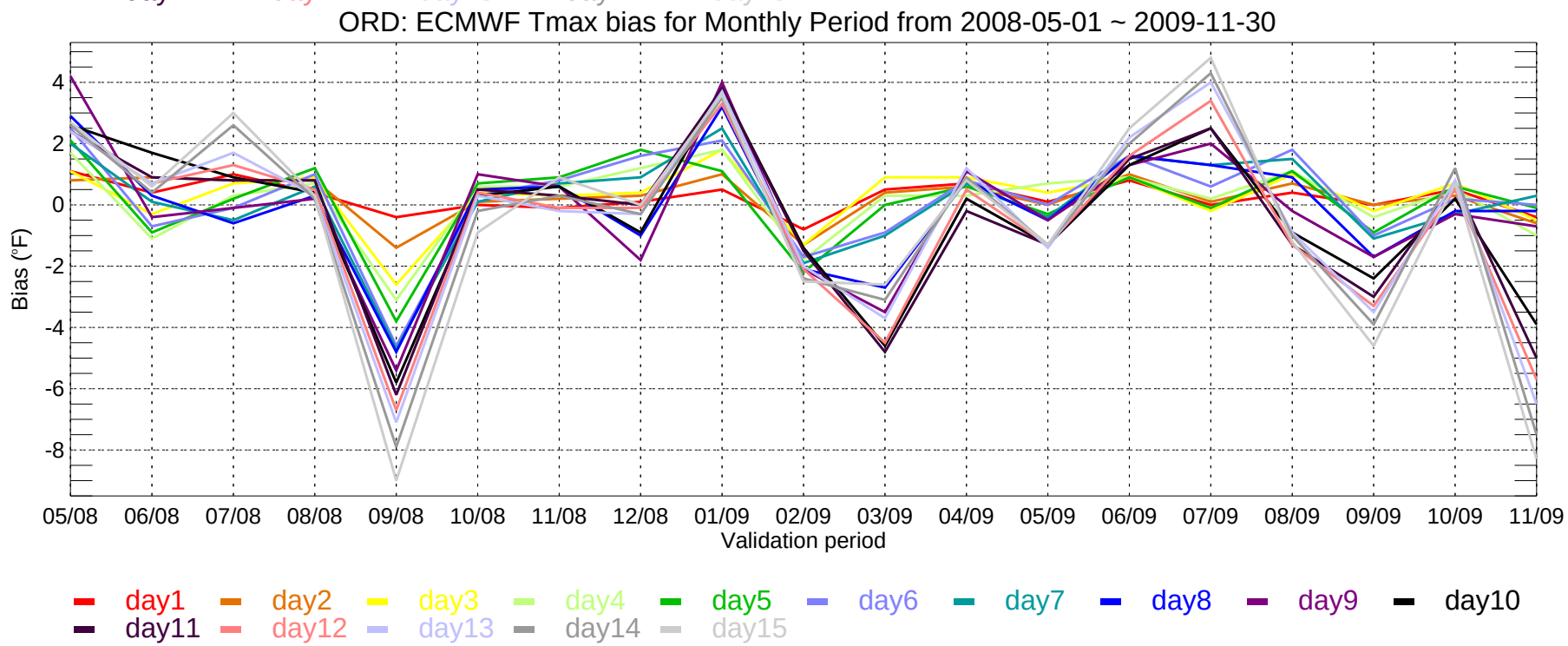
day14
day15


ORD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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day4
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day8
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day11
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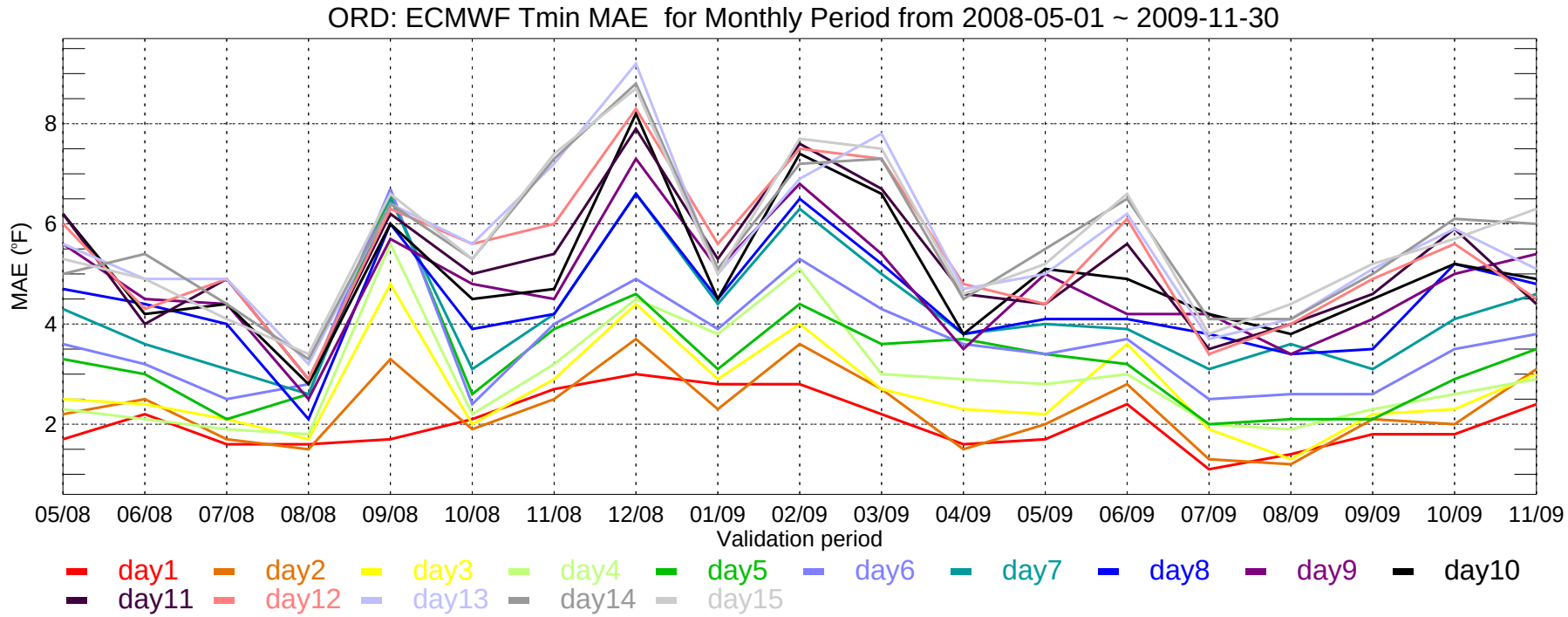
day13
day14
day15


ORD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
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day5
day6
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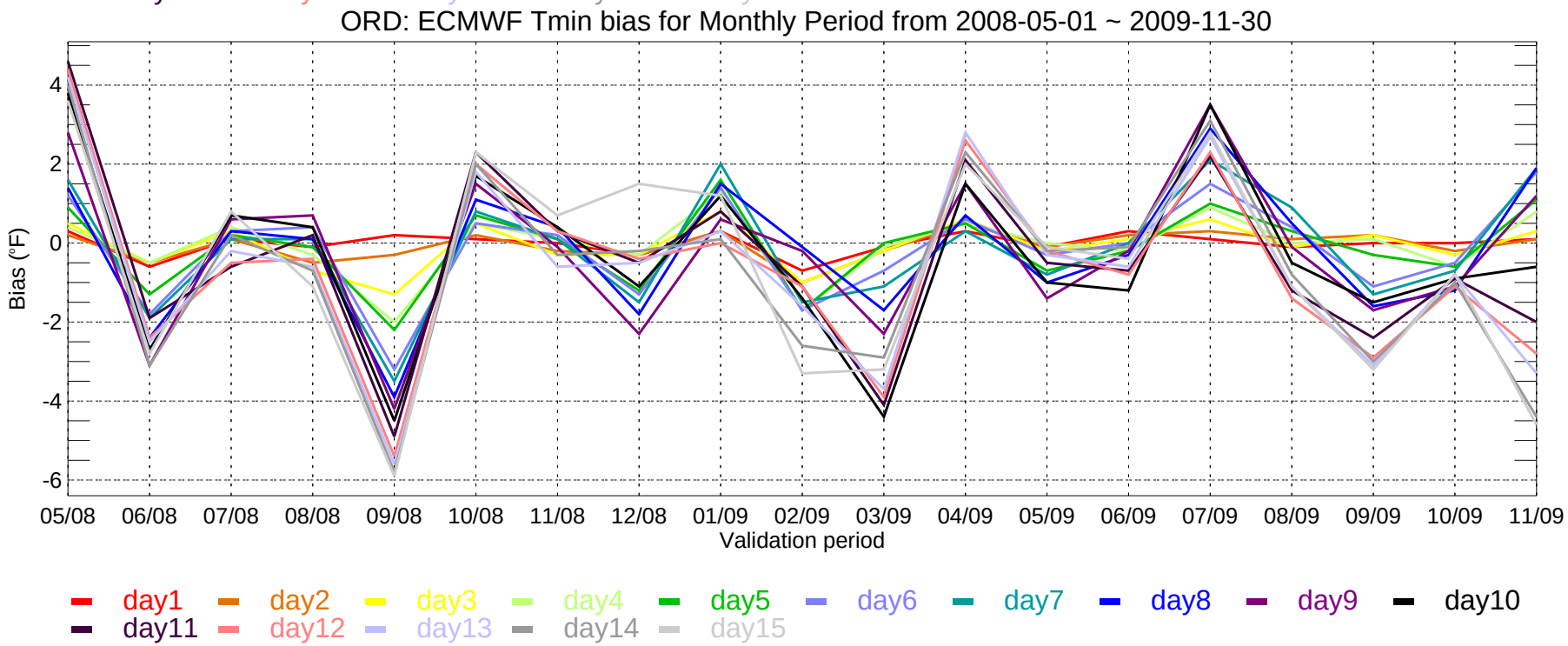
day14
day15


ORD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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05/09
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10/09
11/09
Validation period
day1
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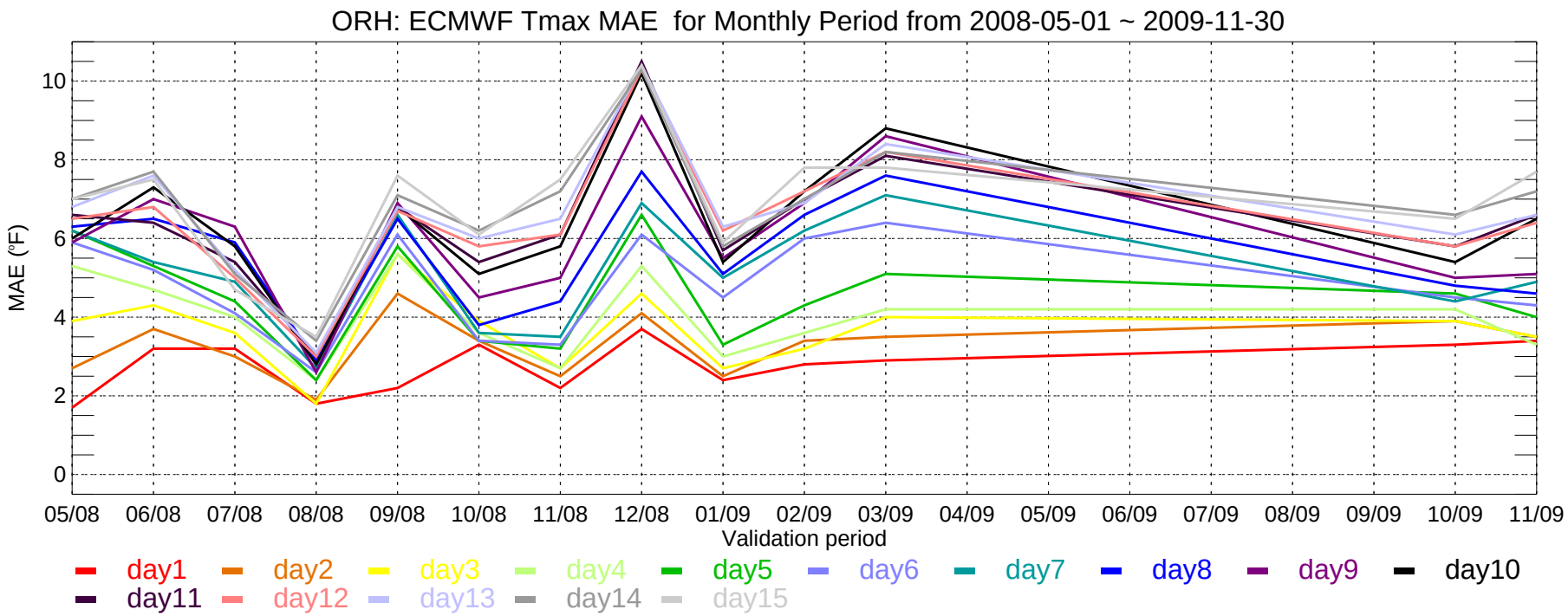
day15


ORH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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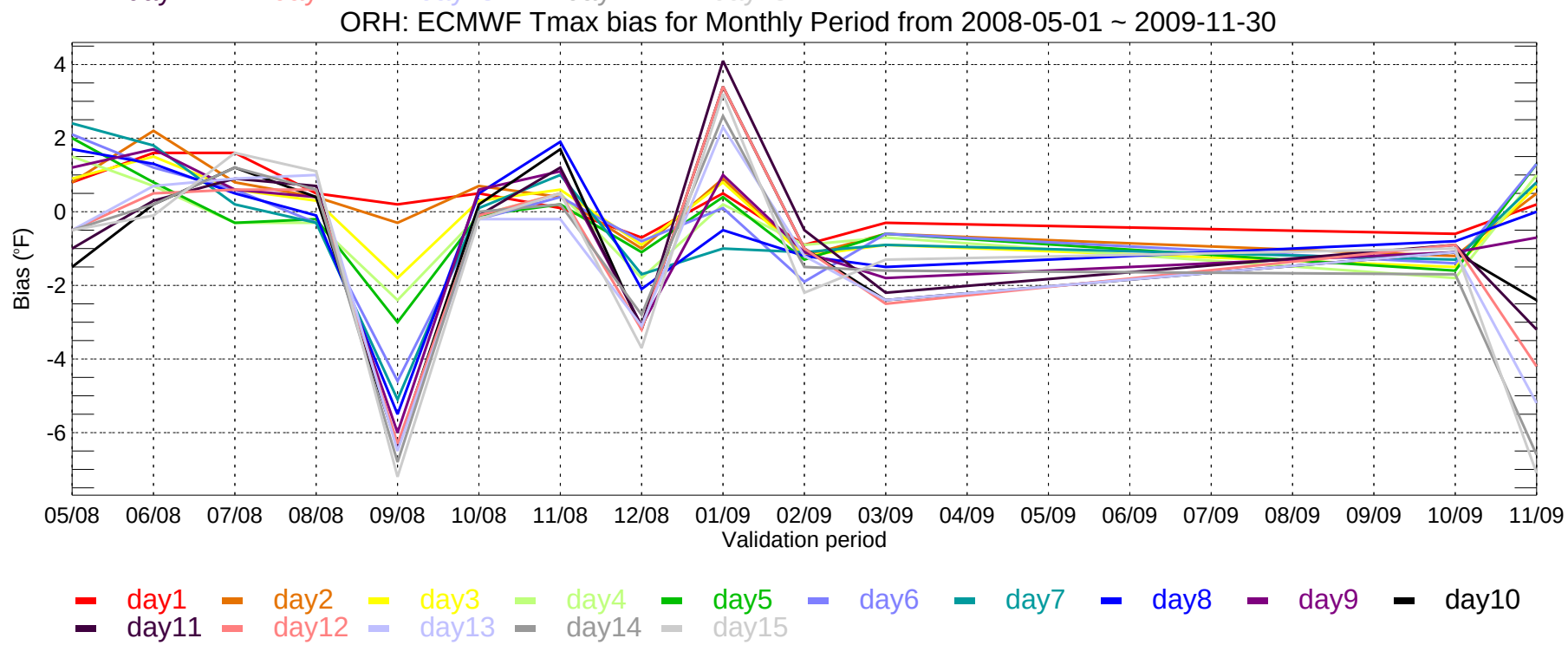
day15


ORH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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07/09
08/09
09/09
10/09
11/09
Validation period
day1
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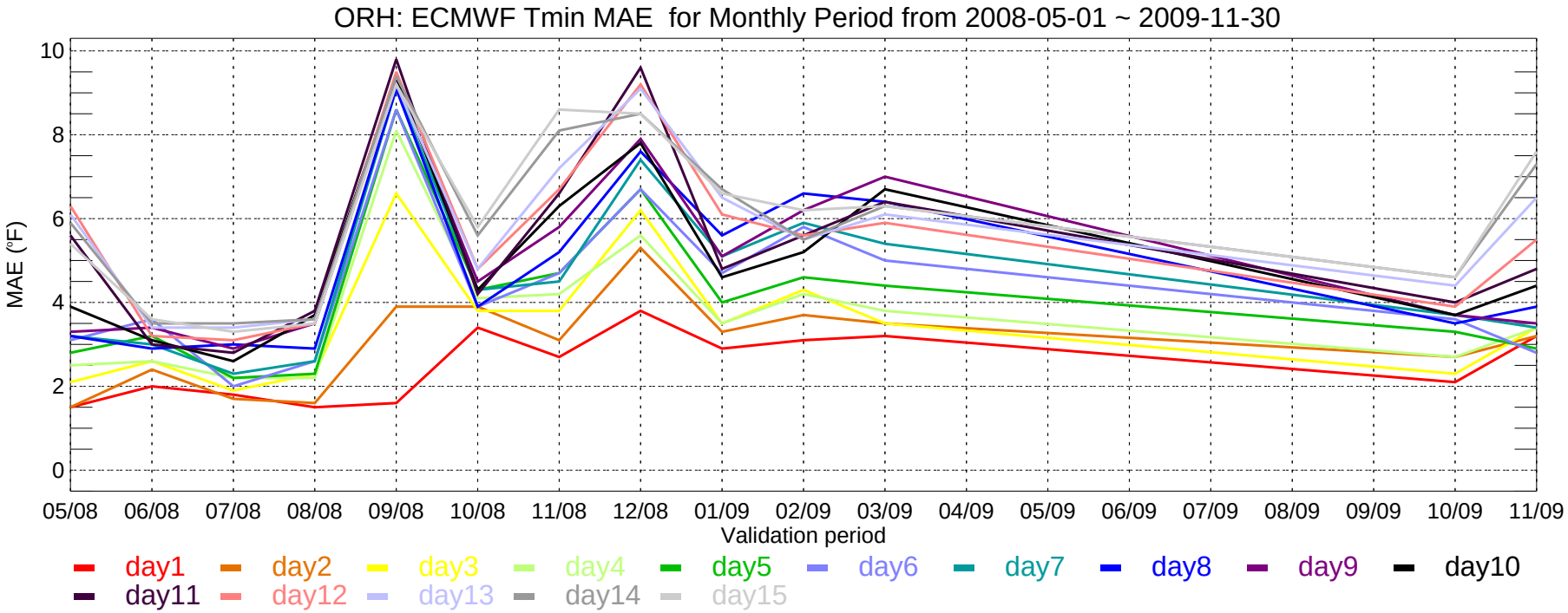
day14
day15


ORH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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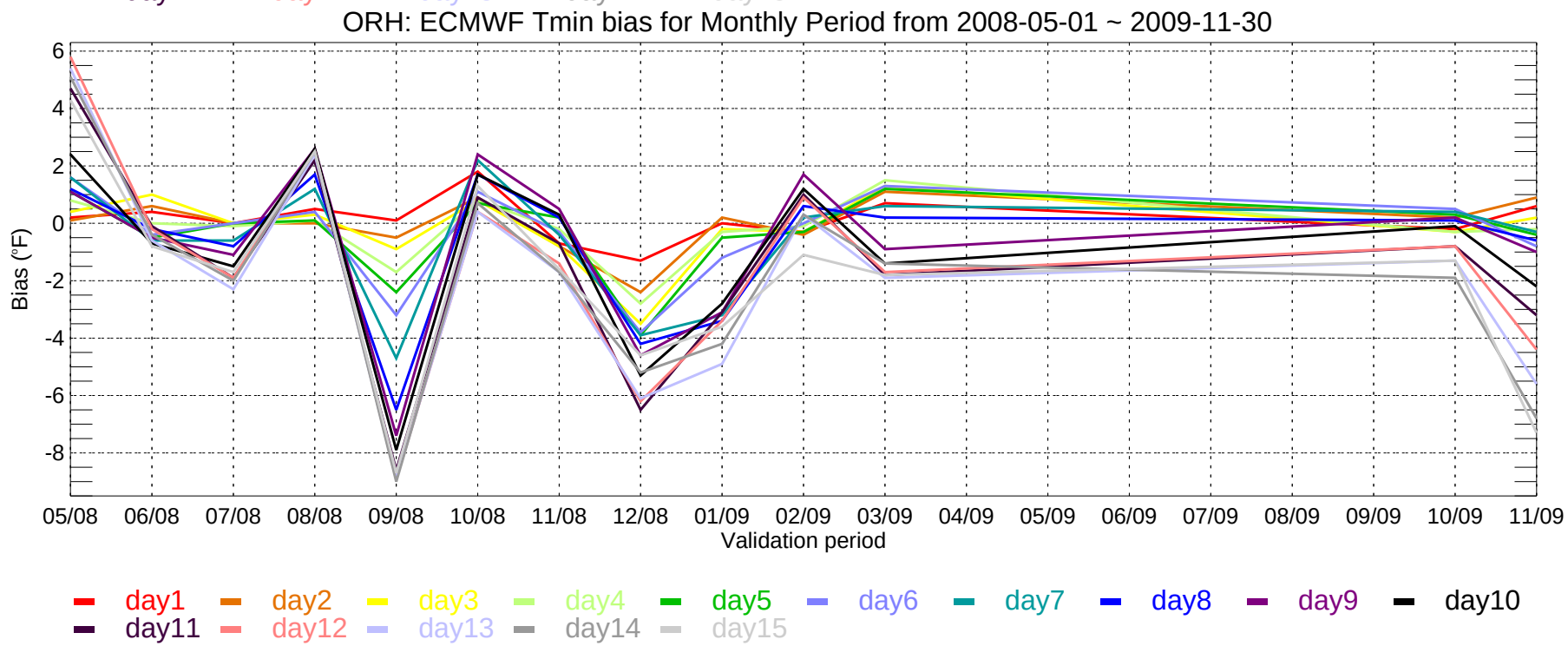
day15


ORH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
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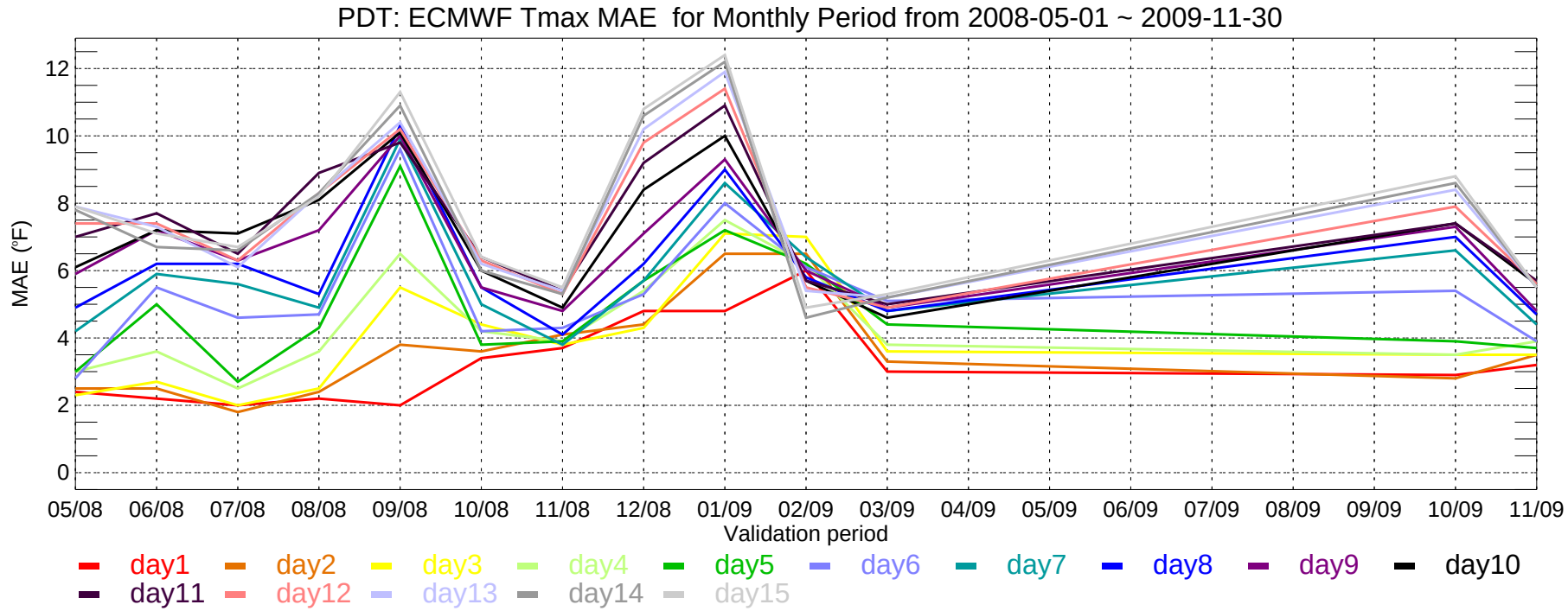
day14
day15


PDT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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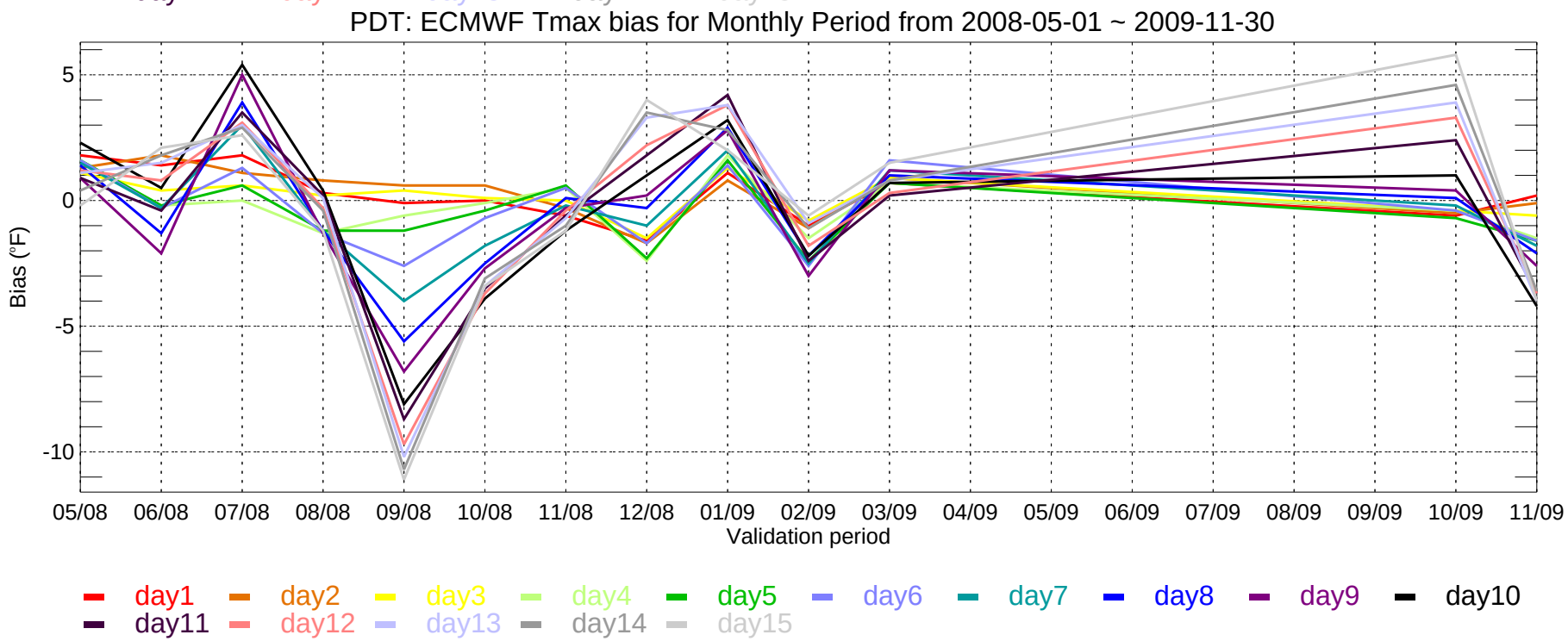
day14
day15


PDT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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day4
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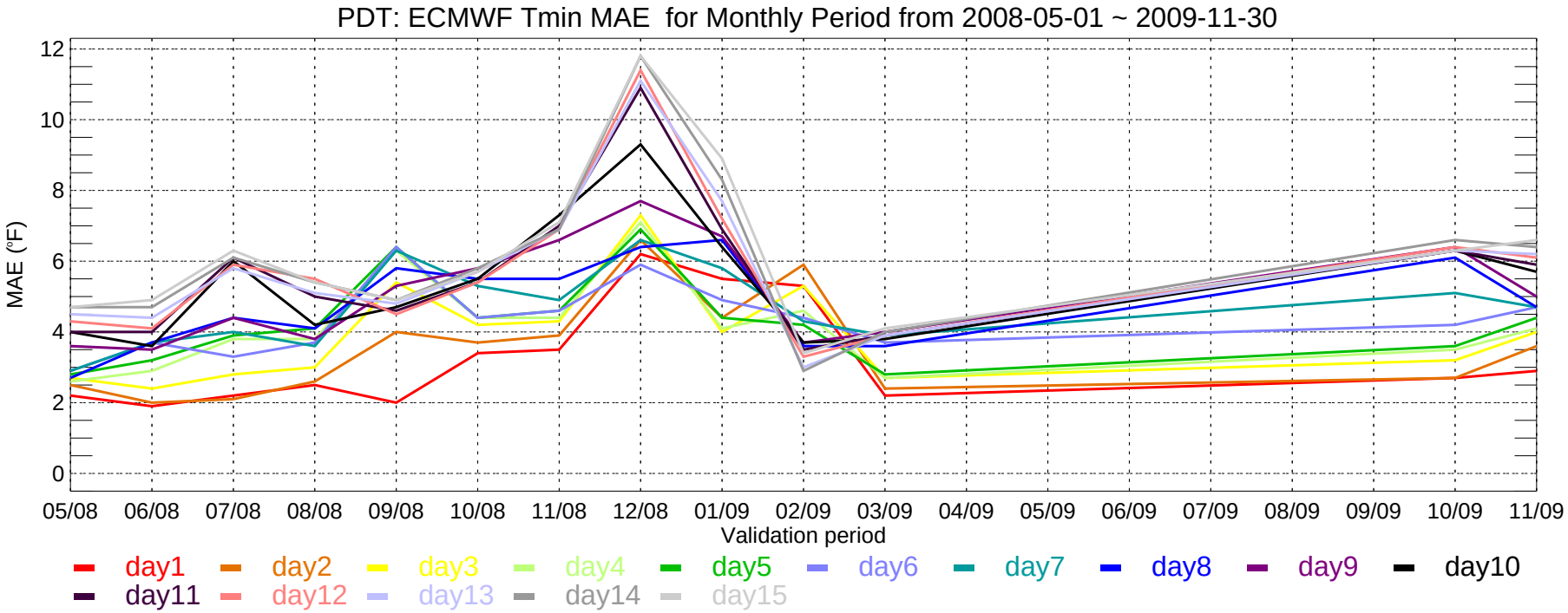
day15


PDT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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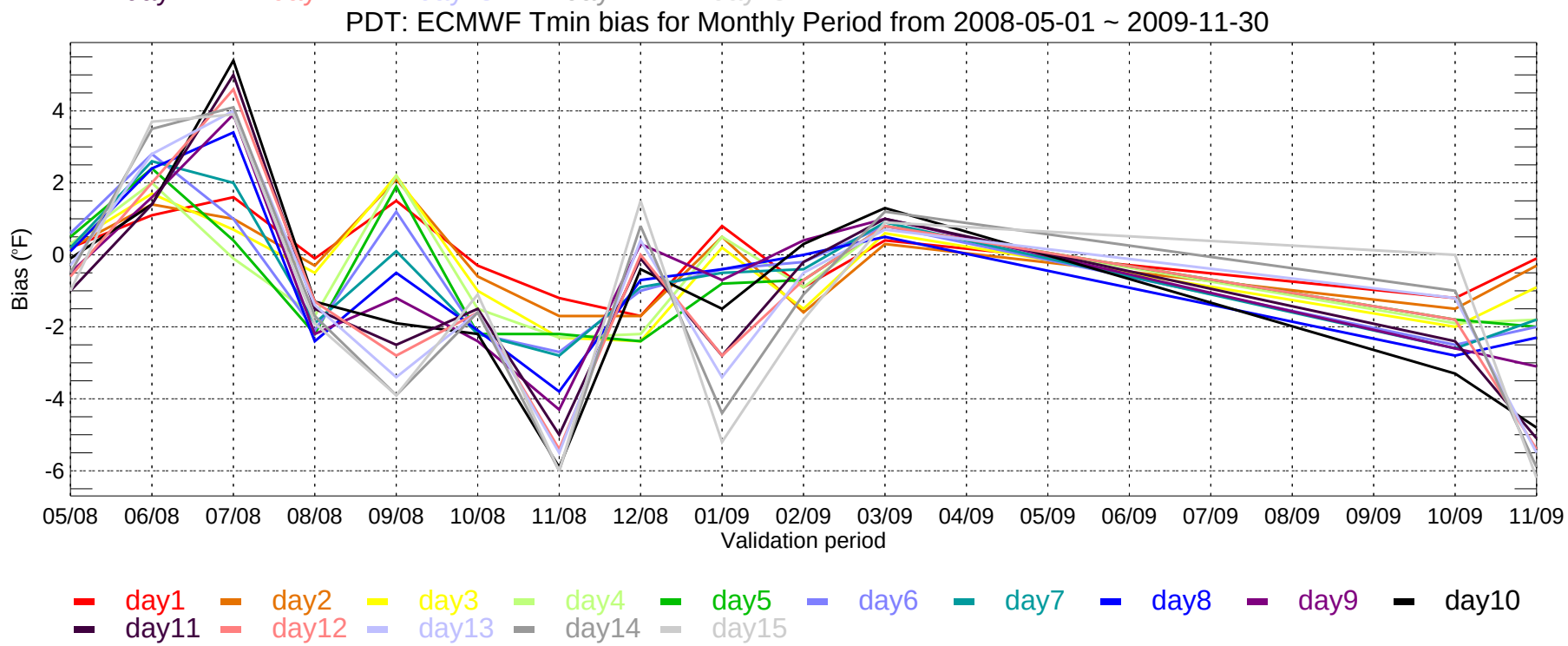
day15


PDT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
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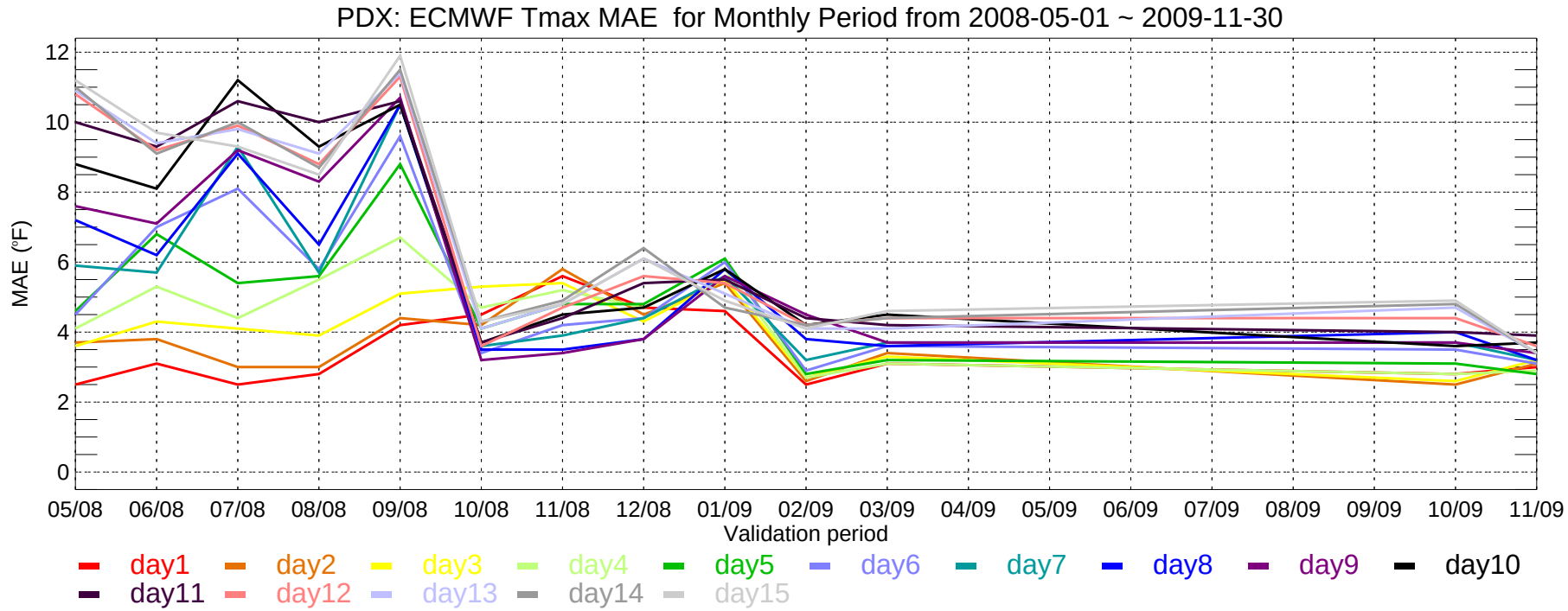
day15


PDX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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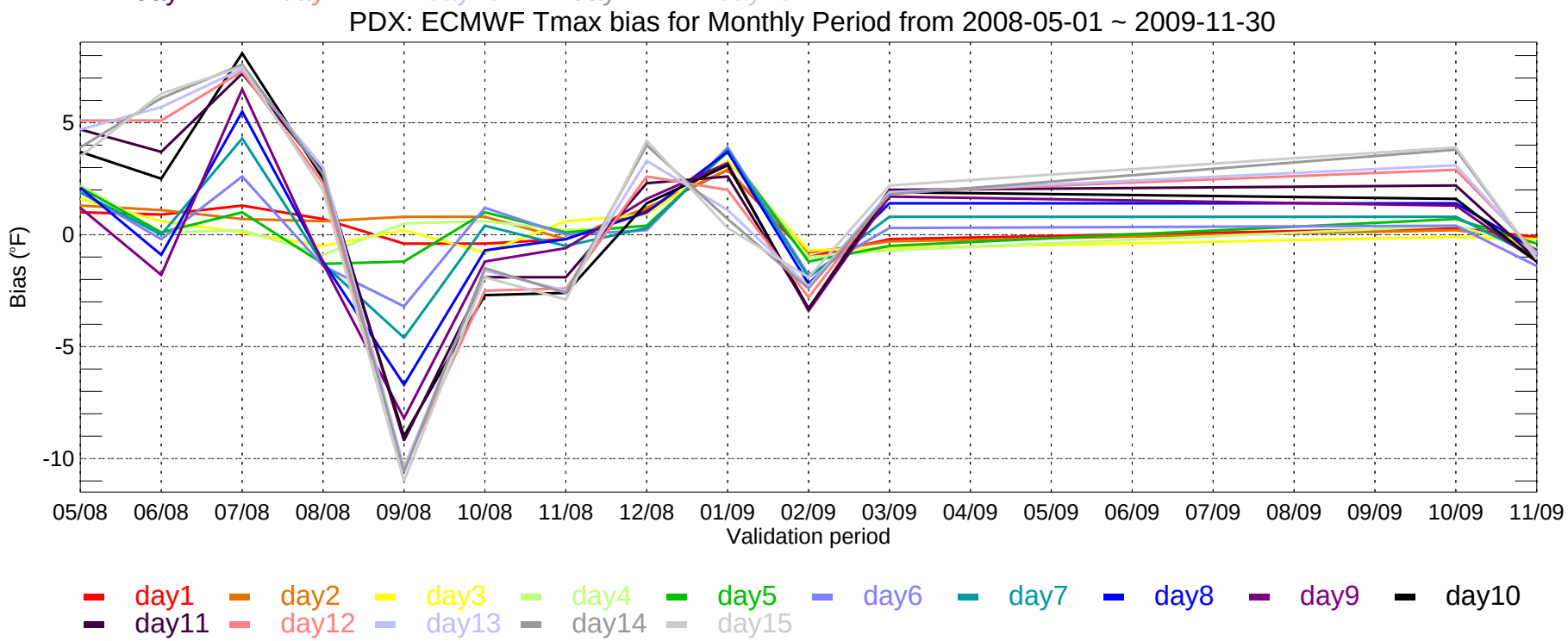
PDX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
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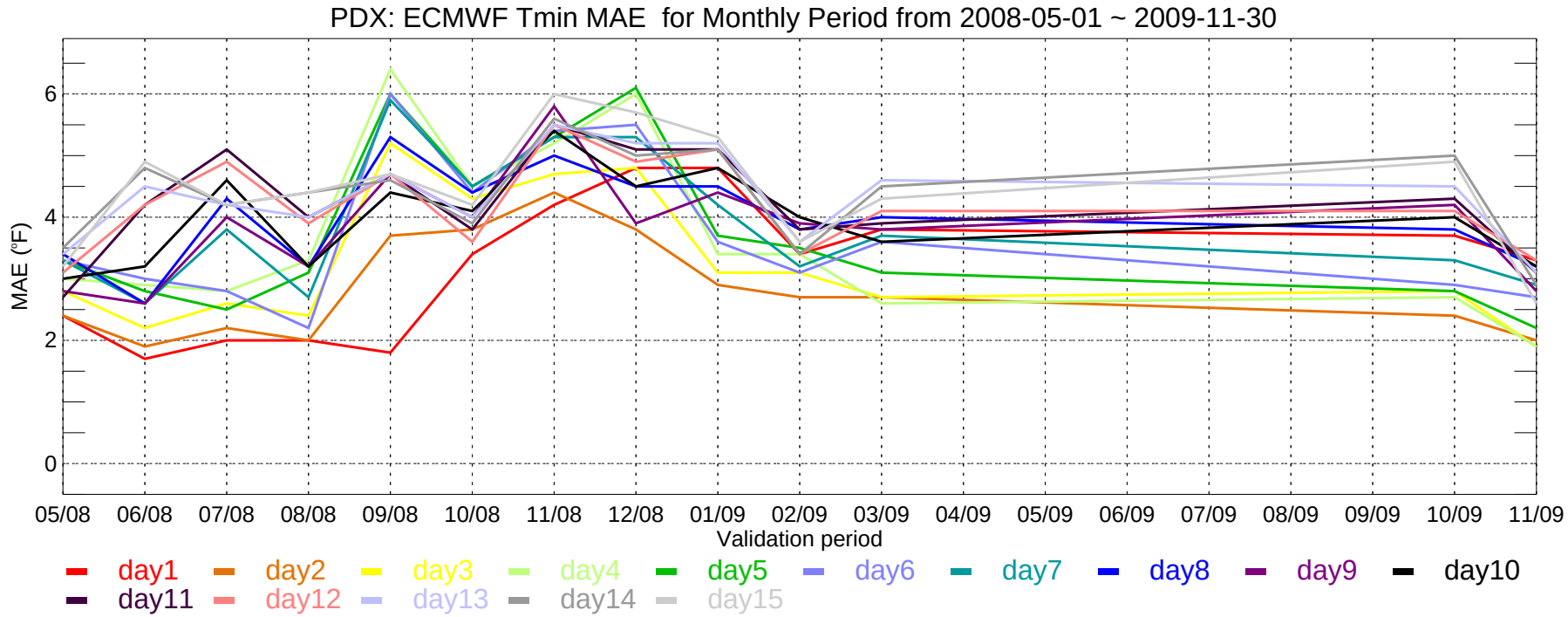
day15


PDX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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08/09
09/09
10/09
11/09
Validation period
day1
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day3
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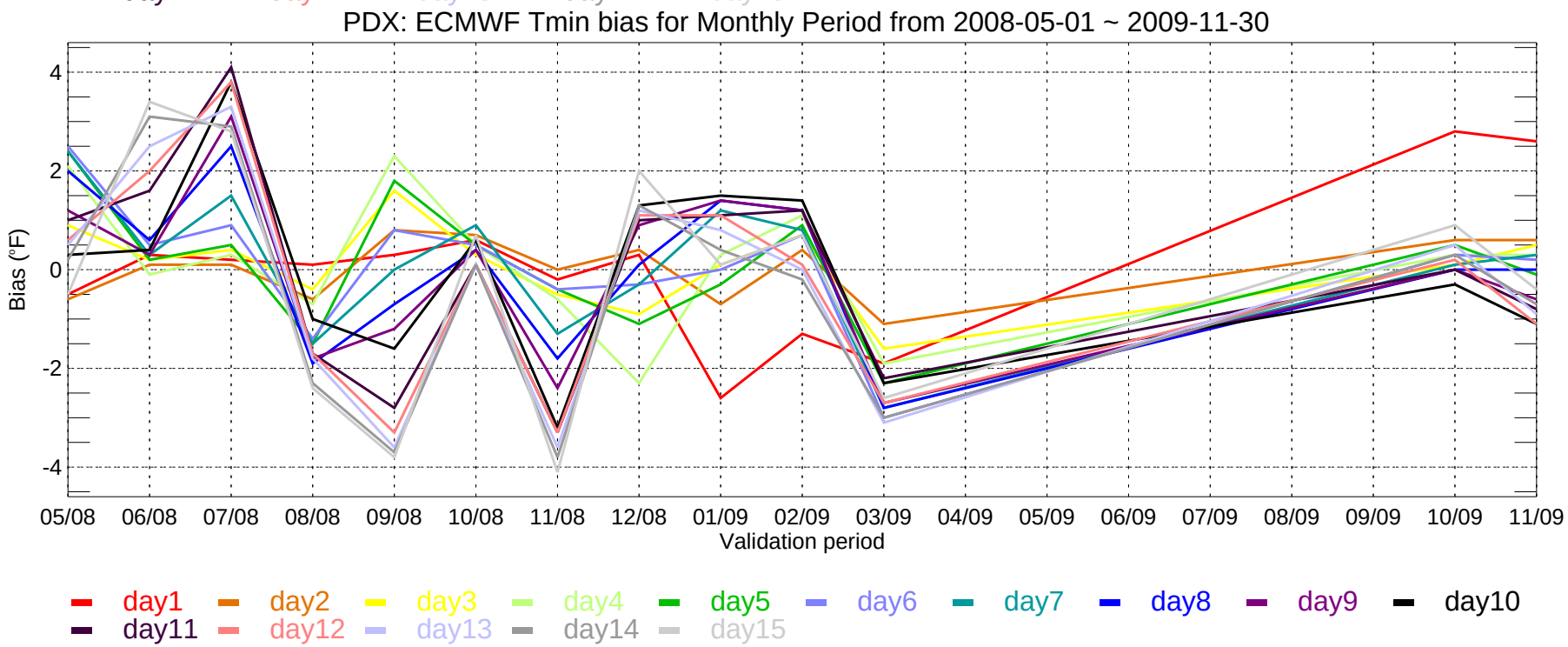
day15


PDX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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08/09
09/09
10/09
11/09
Validation period
day1
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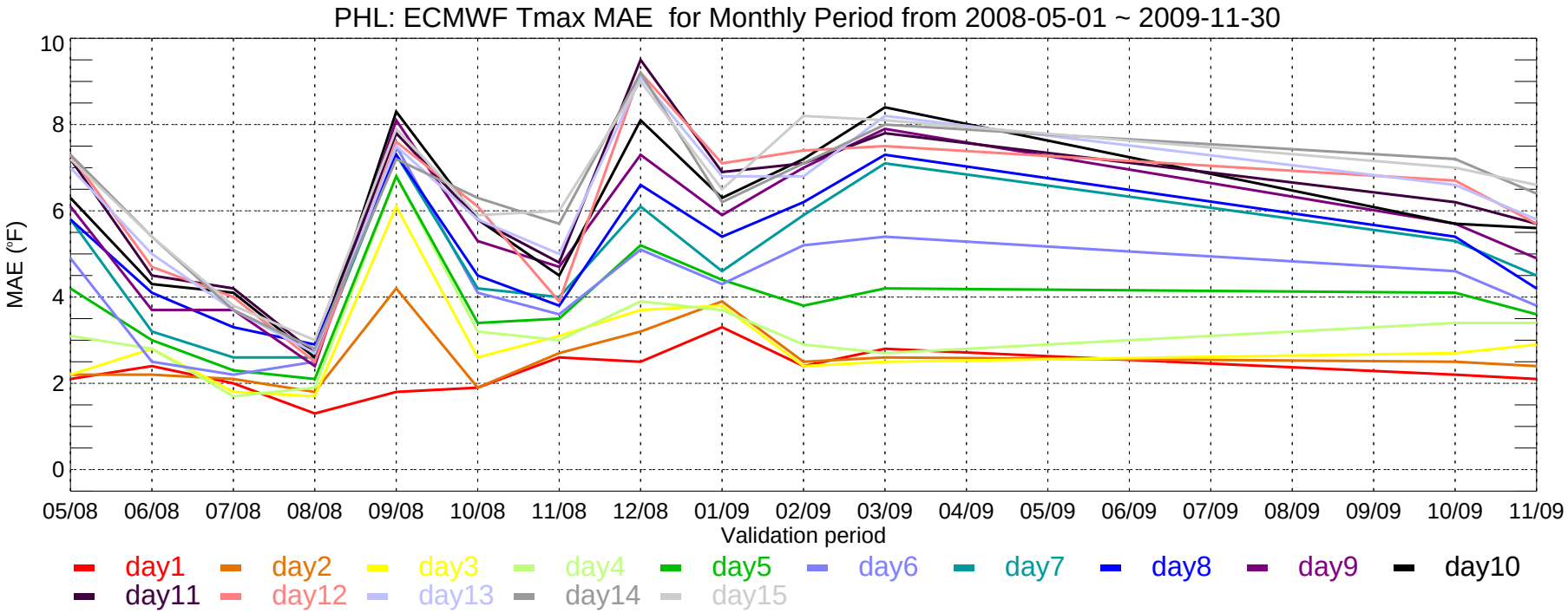
PHL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
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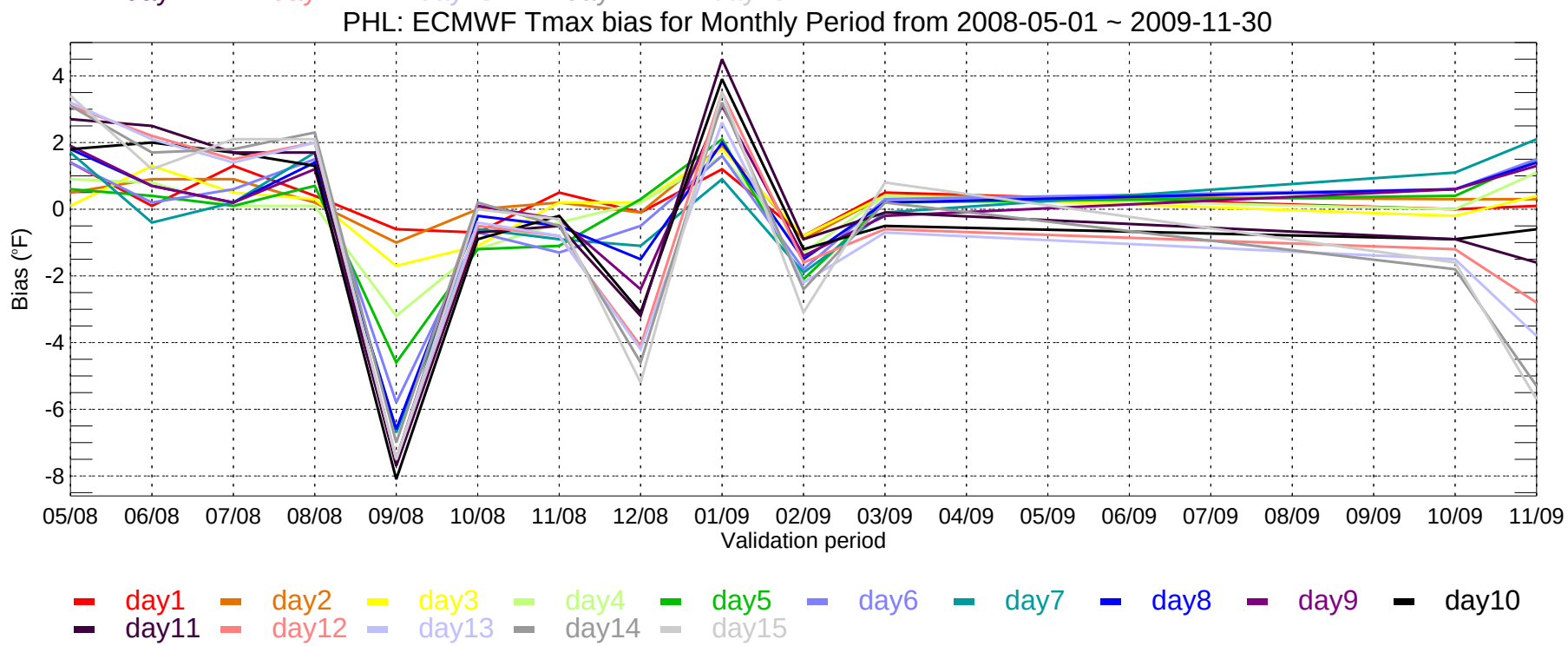
day15


PHL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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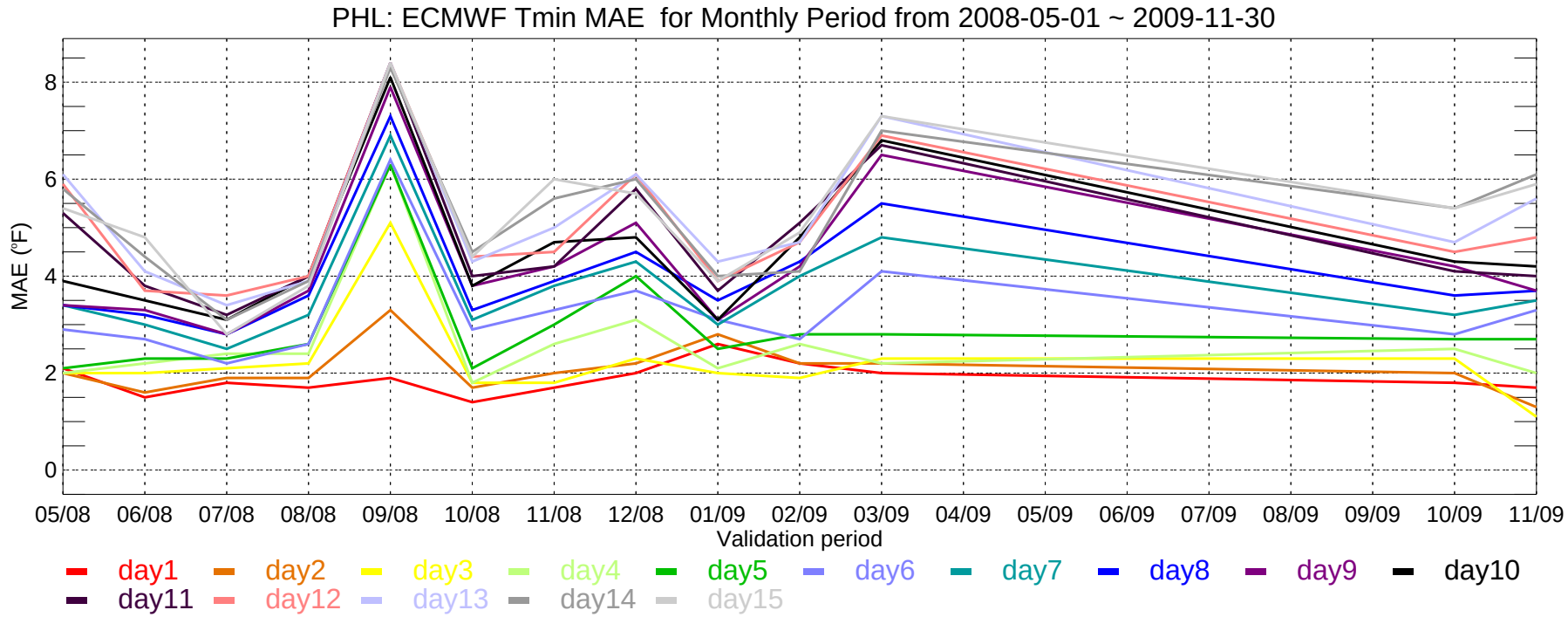
day15


PHL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
8
6
4
2
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05/08
06/08
07/08
08/08
09/08
10/08
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12/08
01/09
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11/09
Validation period
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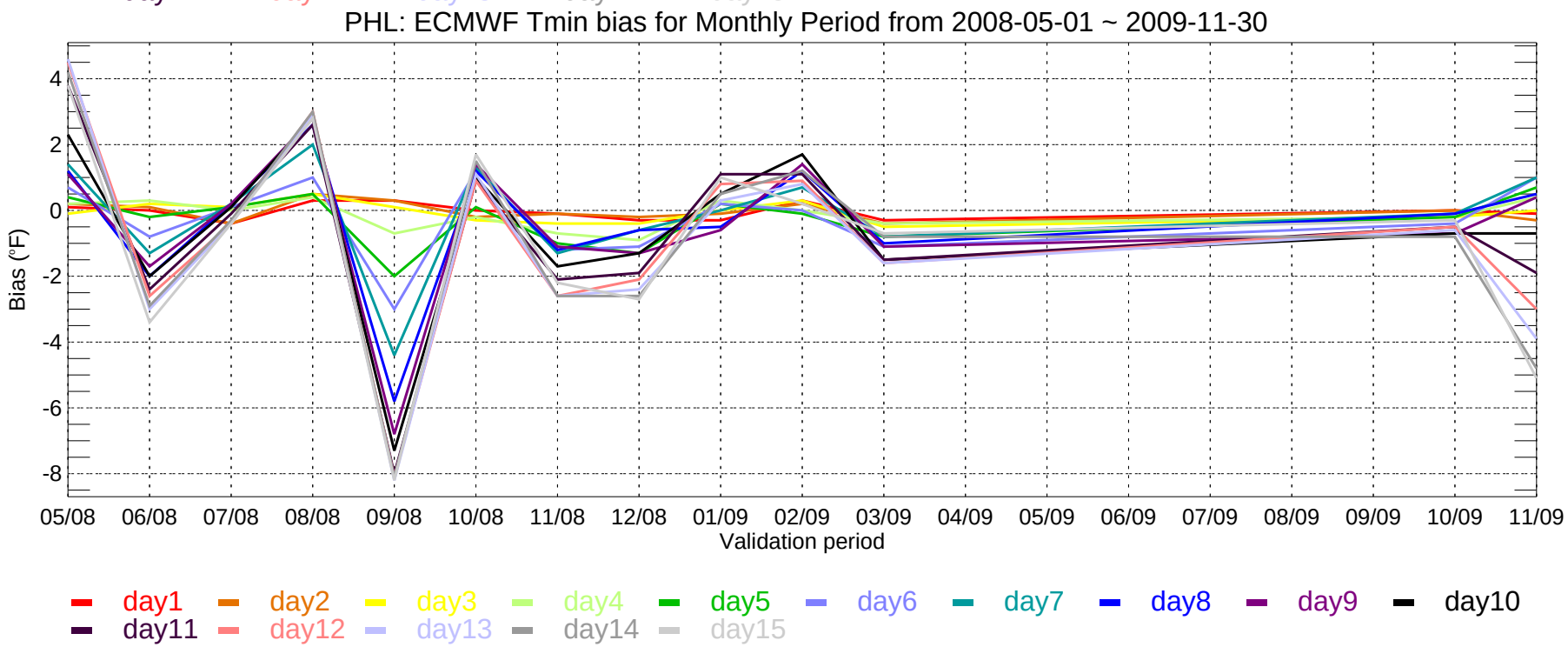
PHL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
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-2
-4
-6
-8
05/08
06/08
07/08
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09/08
10/08
11/08
12/08
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11/09
Validation period
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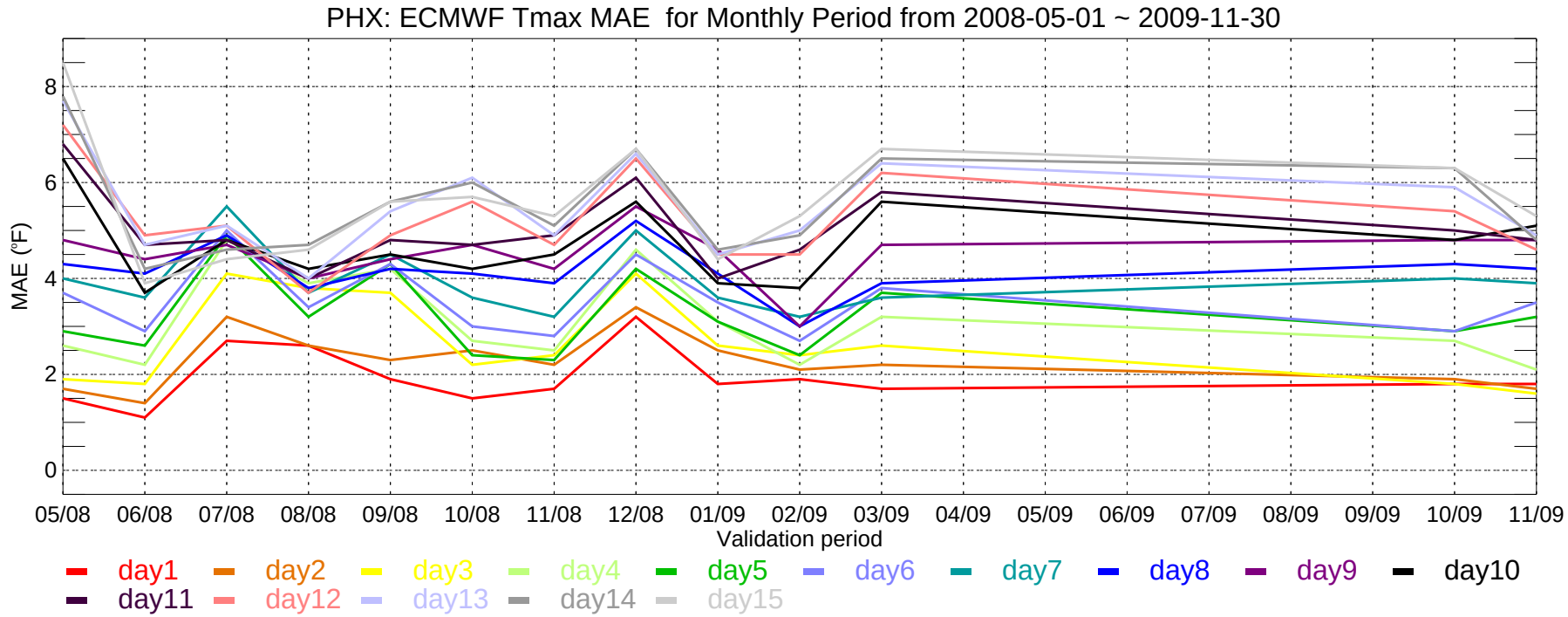
PHX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
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8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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11/09
Validation period
day1
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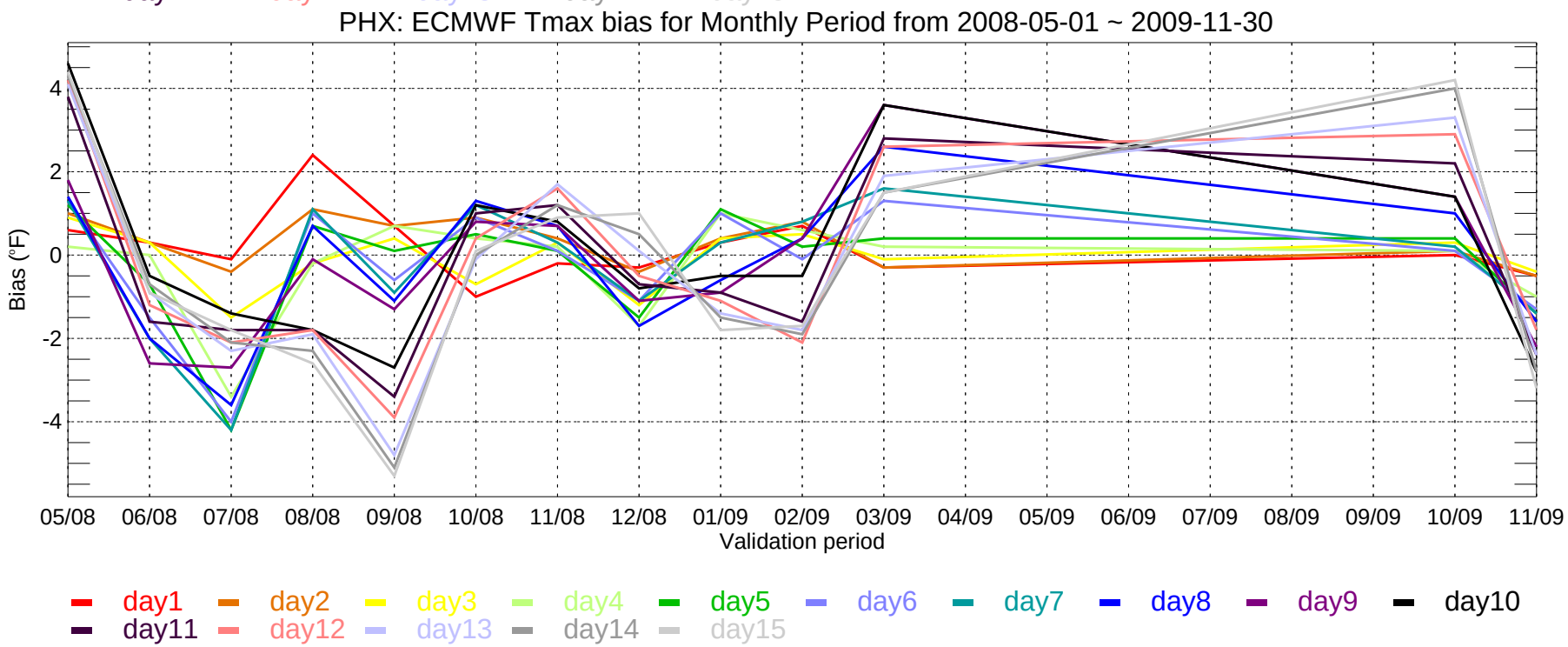
day15


PHX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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05/09
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11/09
Validation period
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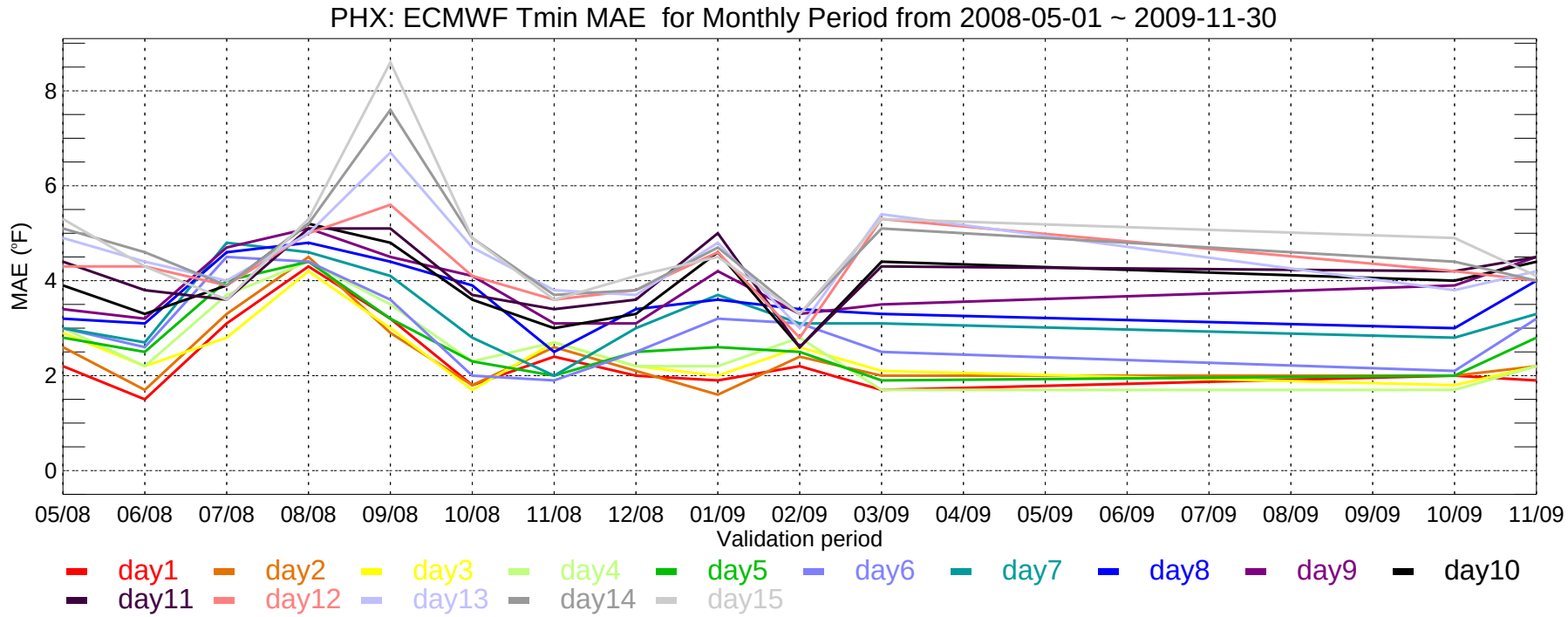
PHX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
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6
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05/08
06/08
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09/08
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Validation period
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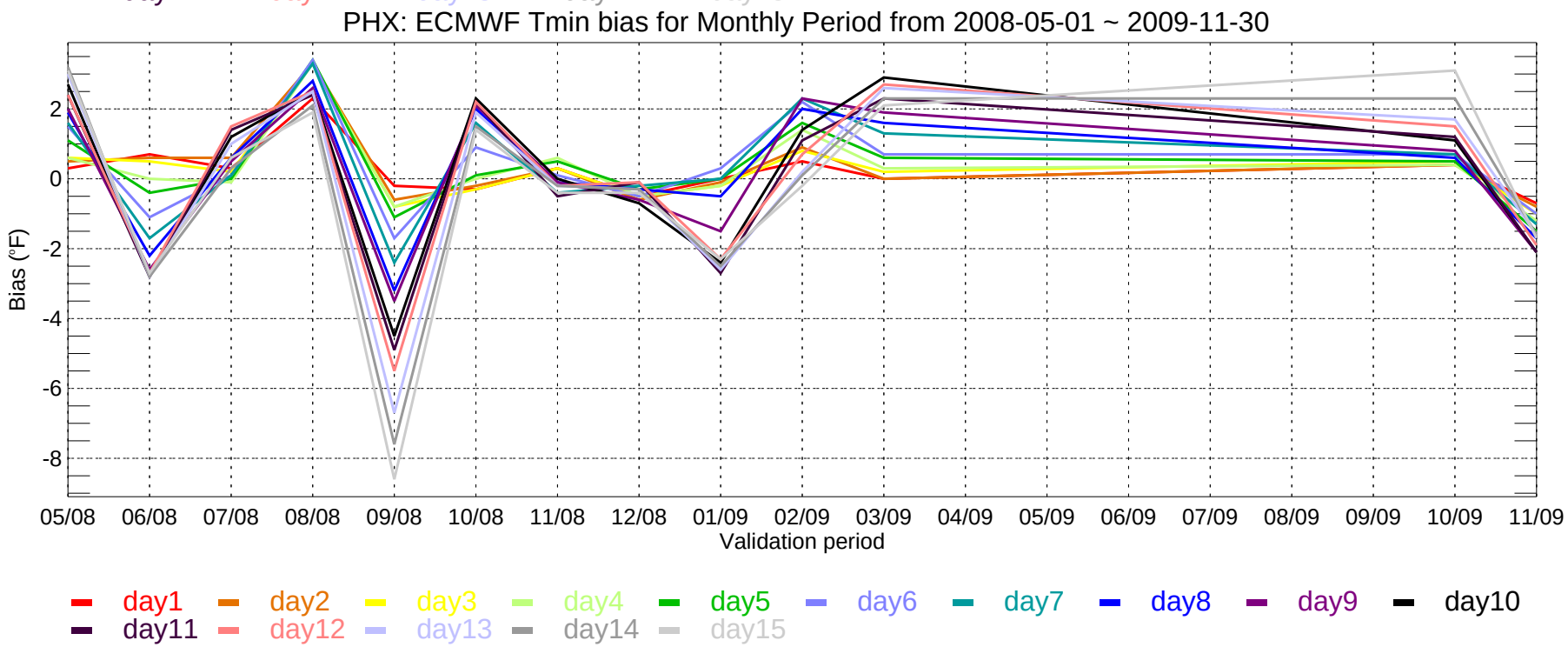
PHX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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05/09
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11/09
Validation period
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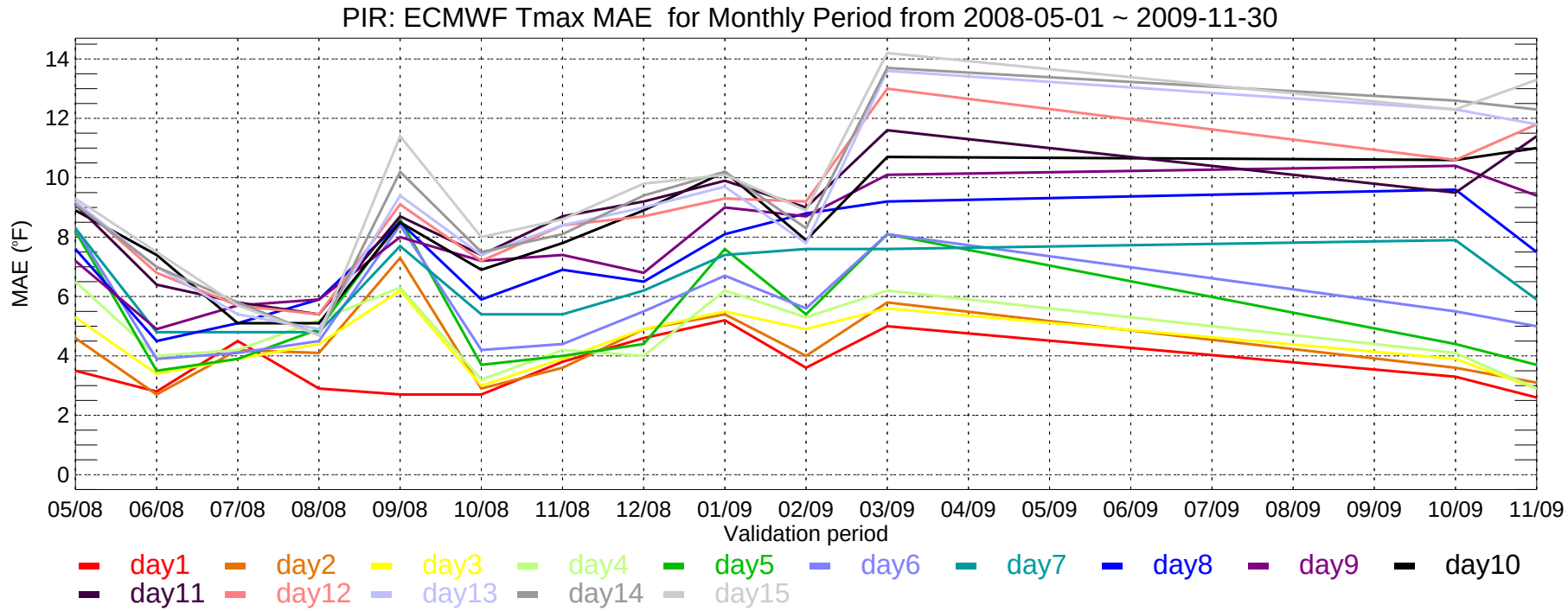
PIR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
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10
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14
05/08
06/08
07/08
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09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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11/09
Validation period
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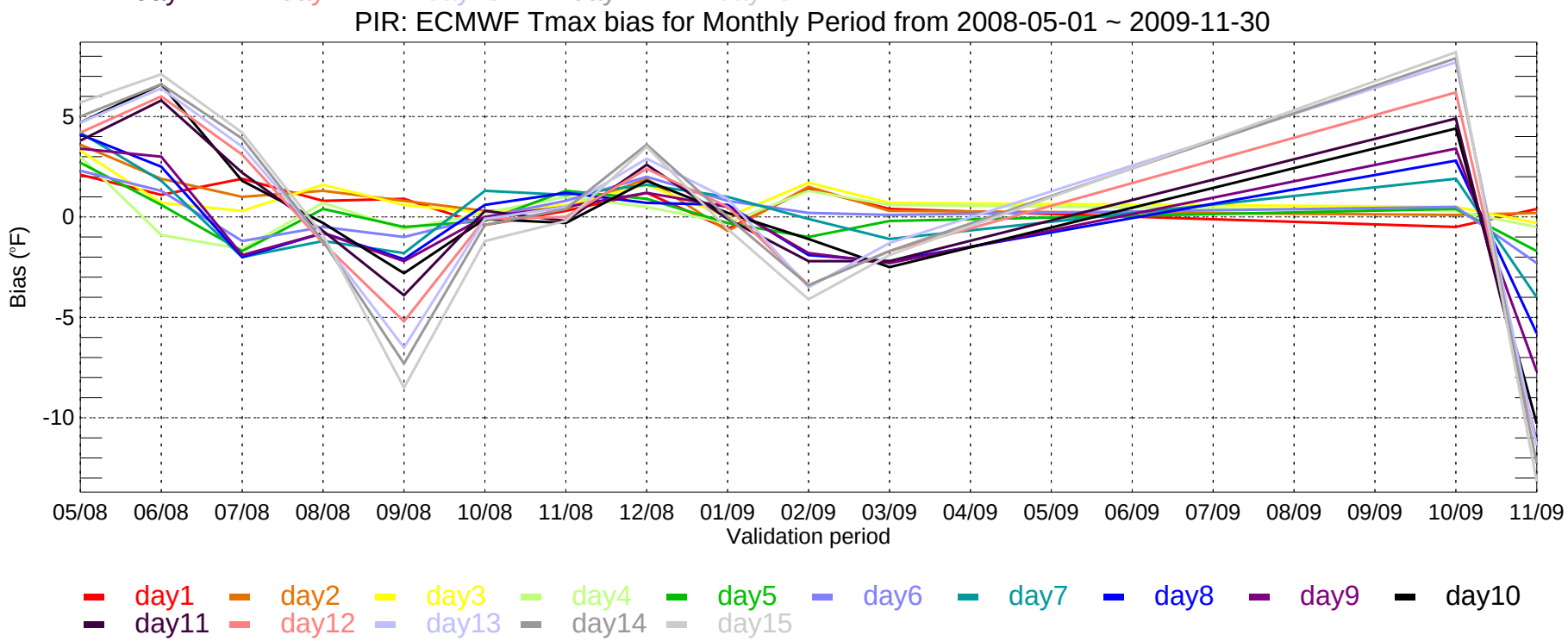
day15


PIR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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Validation period
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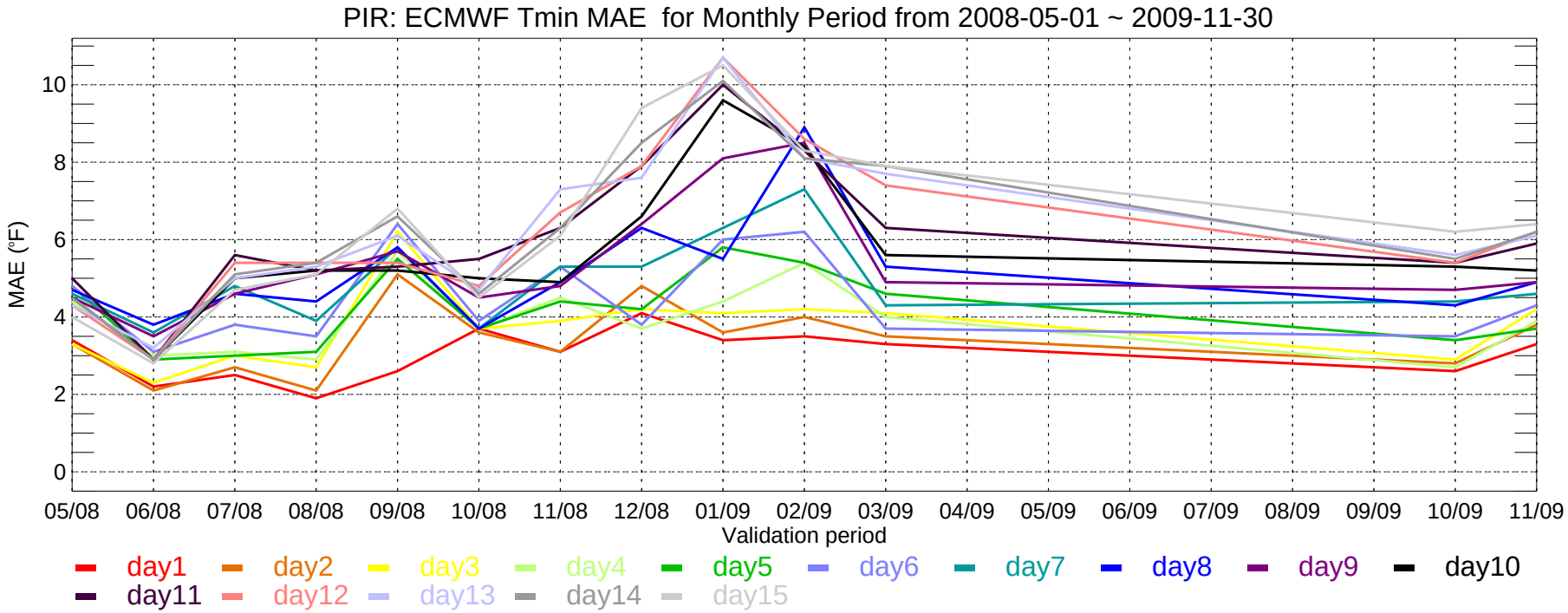
PIR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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Validation period
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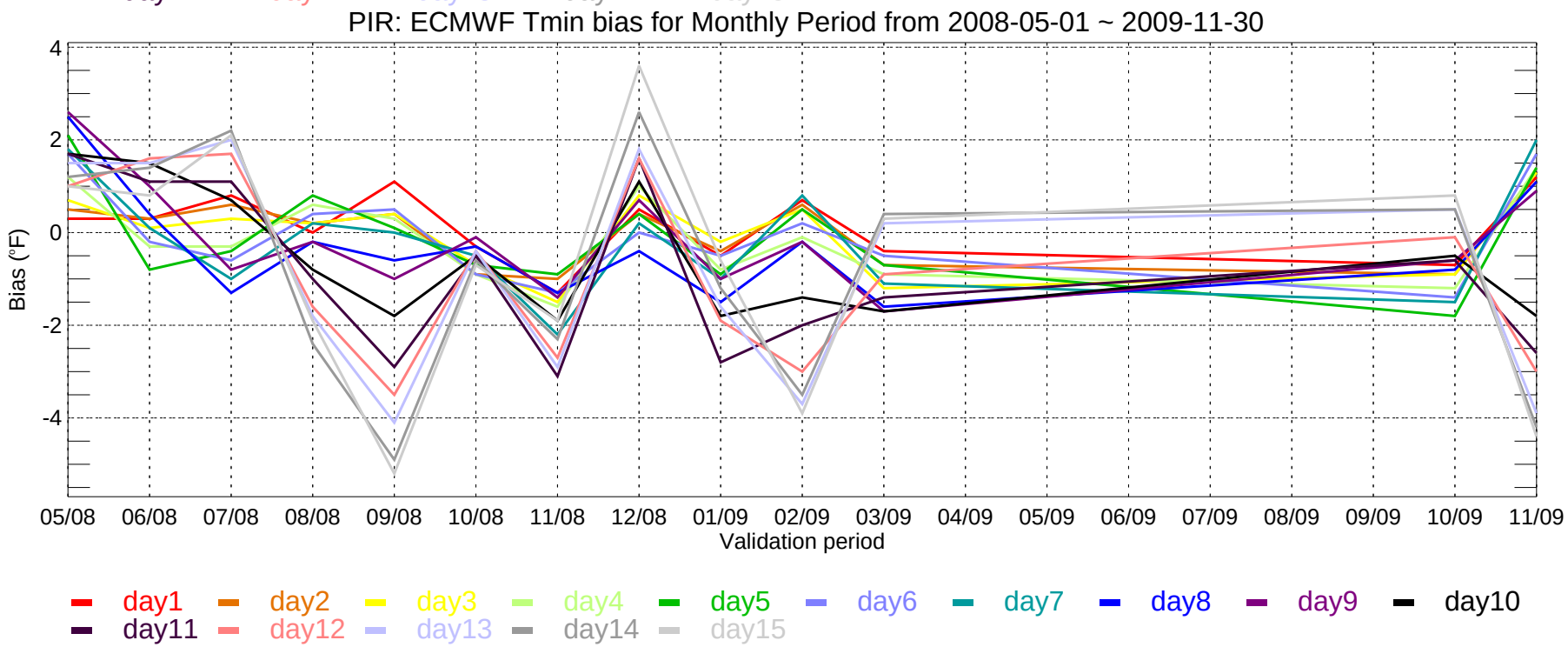
PIR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
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05/08
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11/08
12/08
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Validation period
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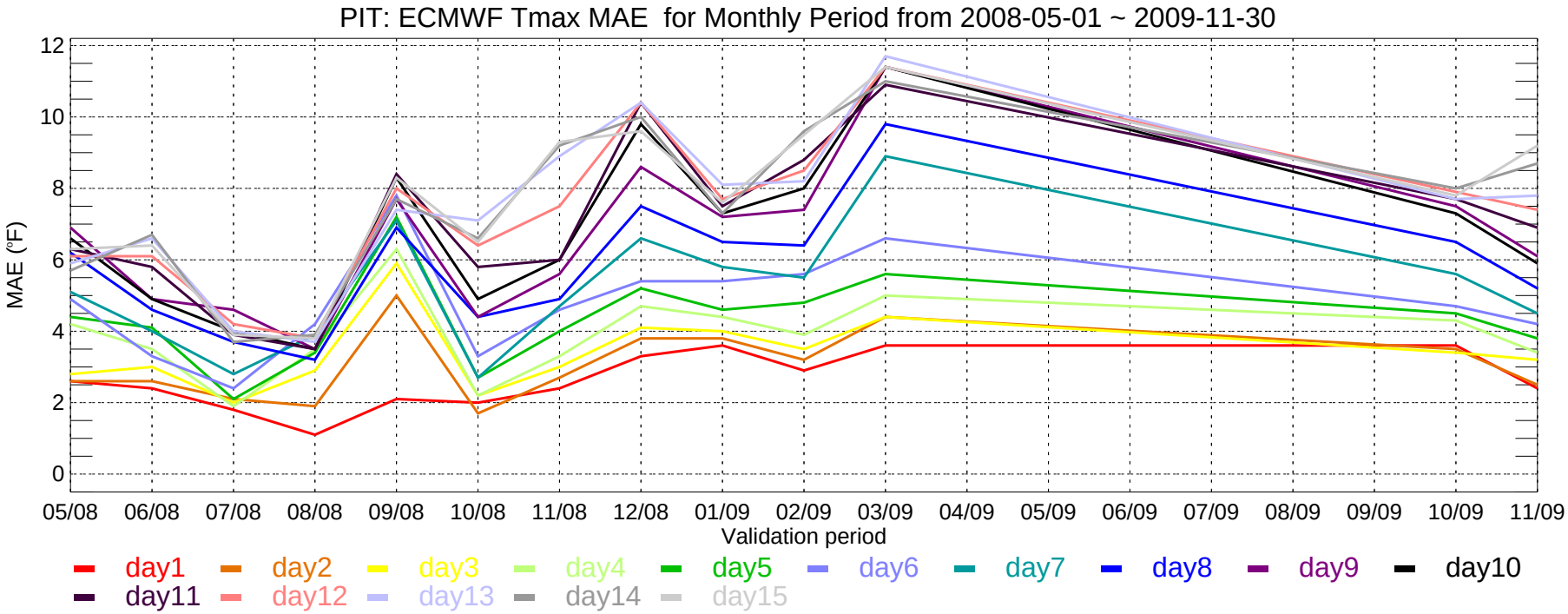
PIT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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11/09
Validation period
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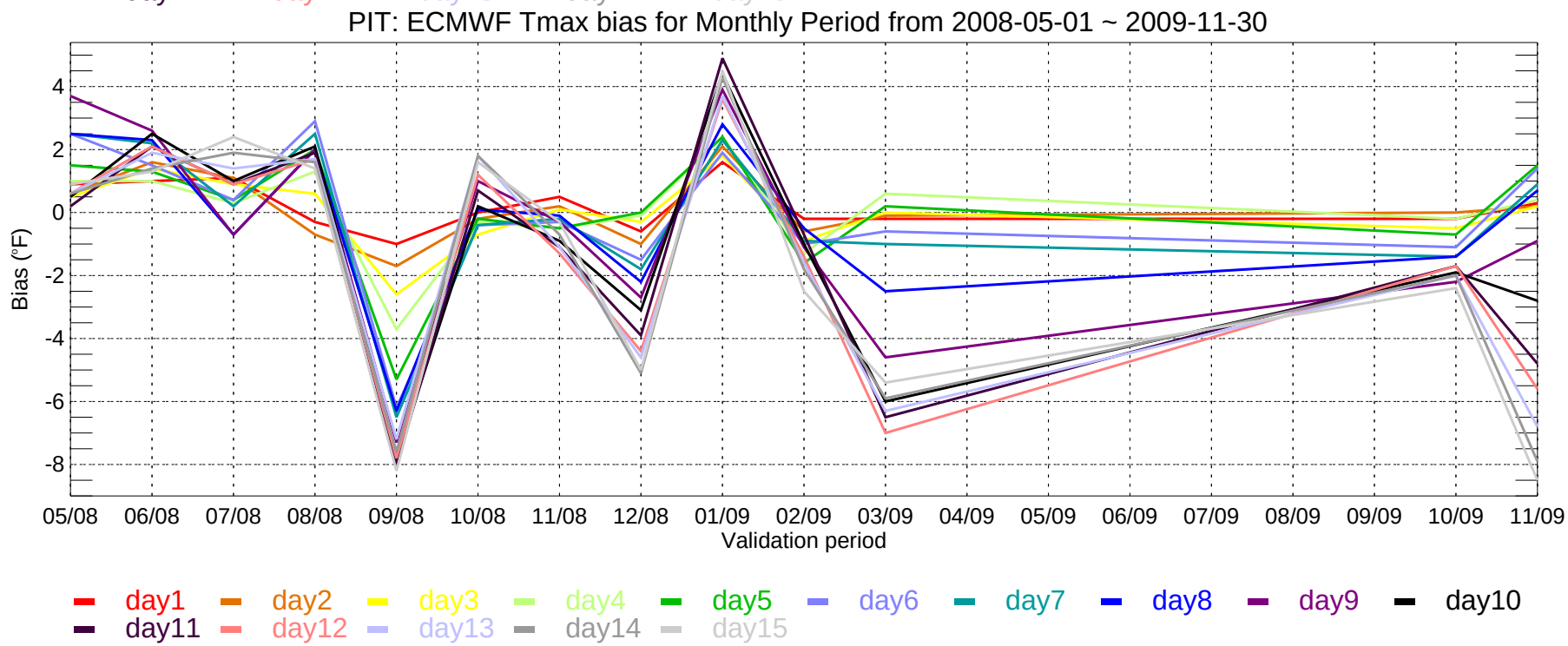
PIT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
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-6
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05/08
06/08
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11/08
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Validation period
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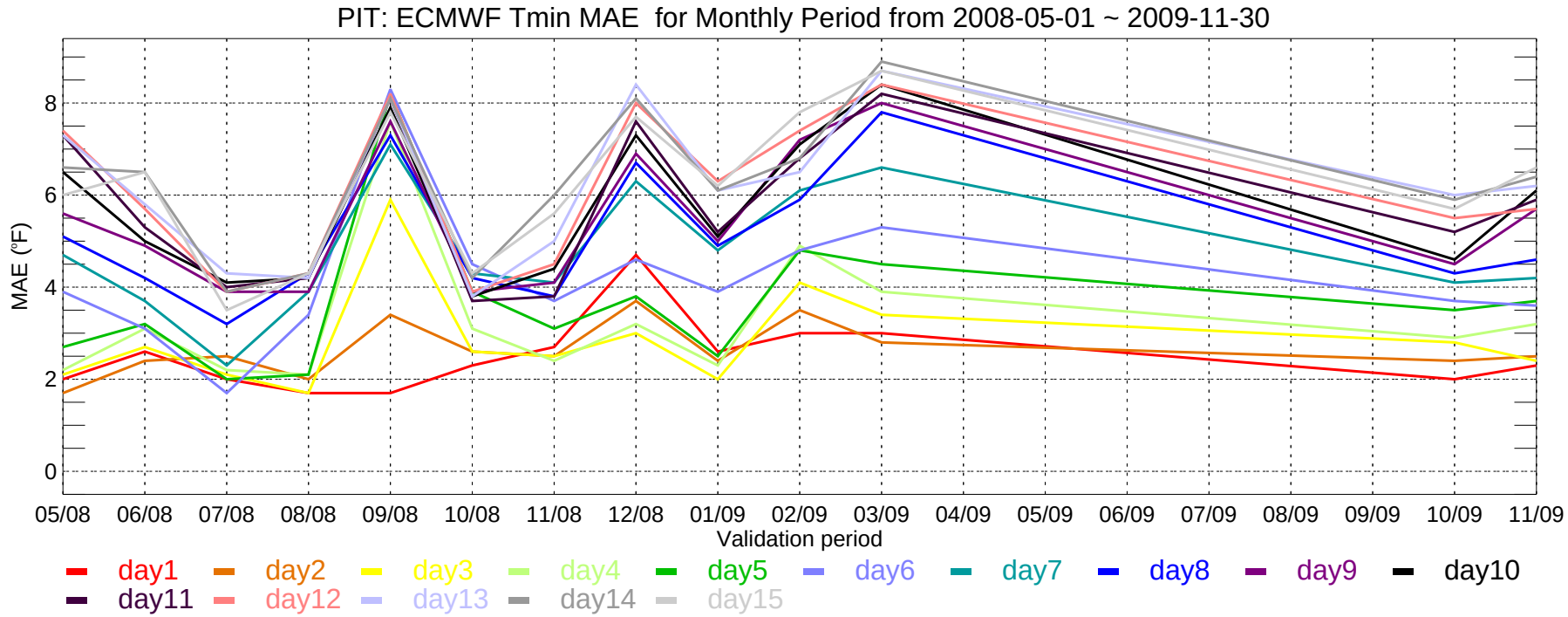
PIT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
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Validation period
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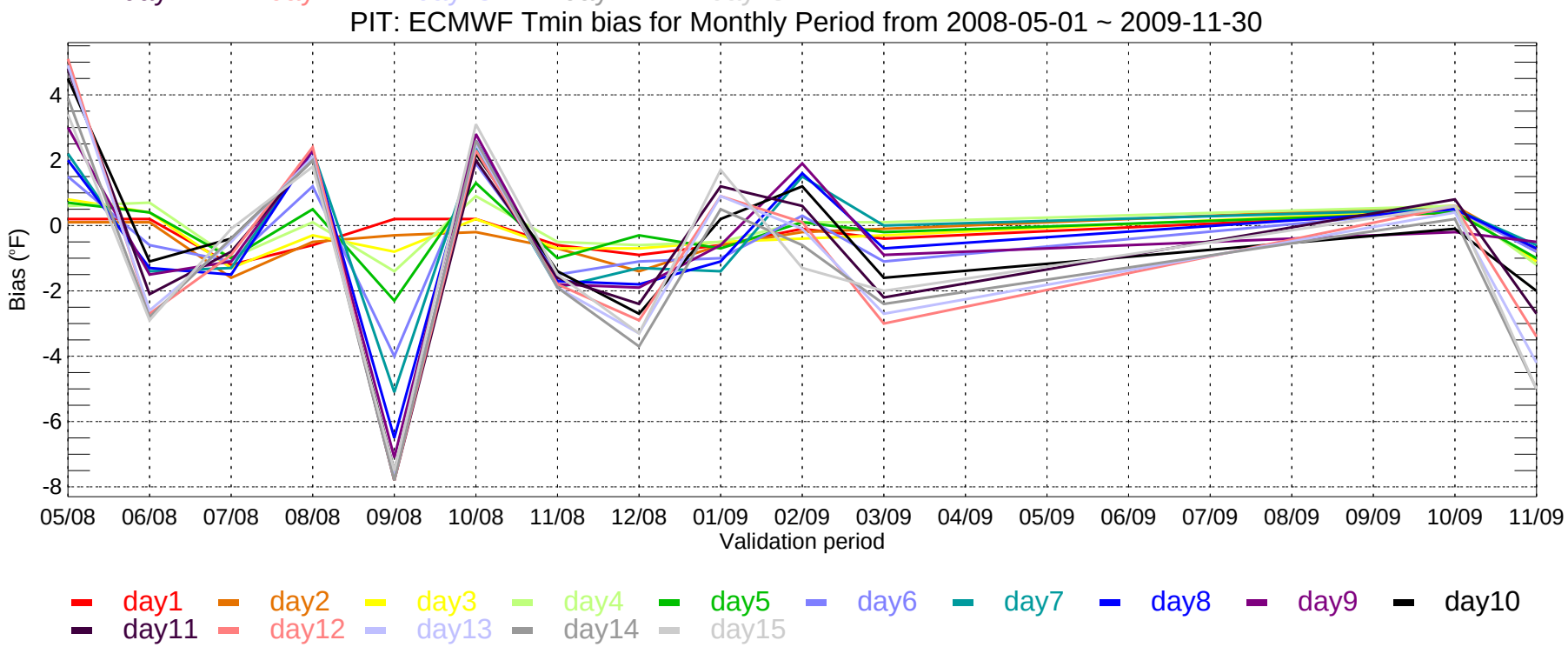
day15


PIT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day7
day8
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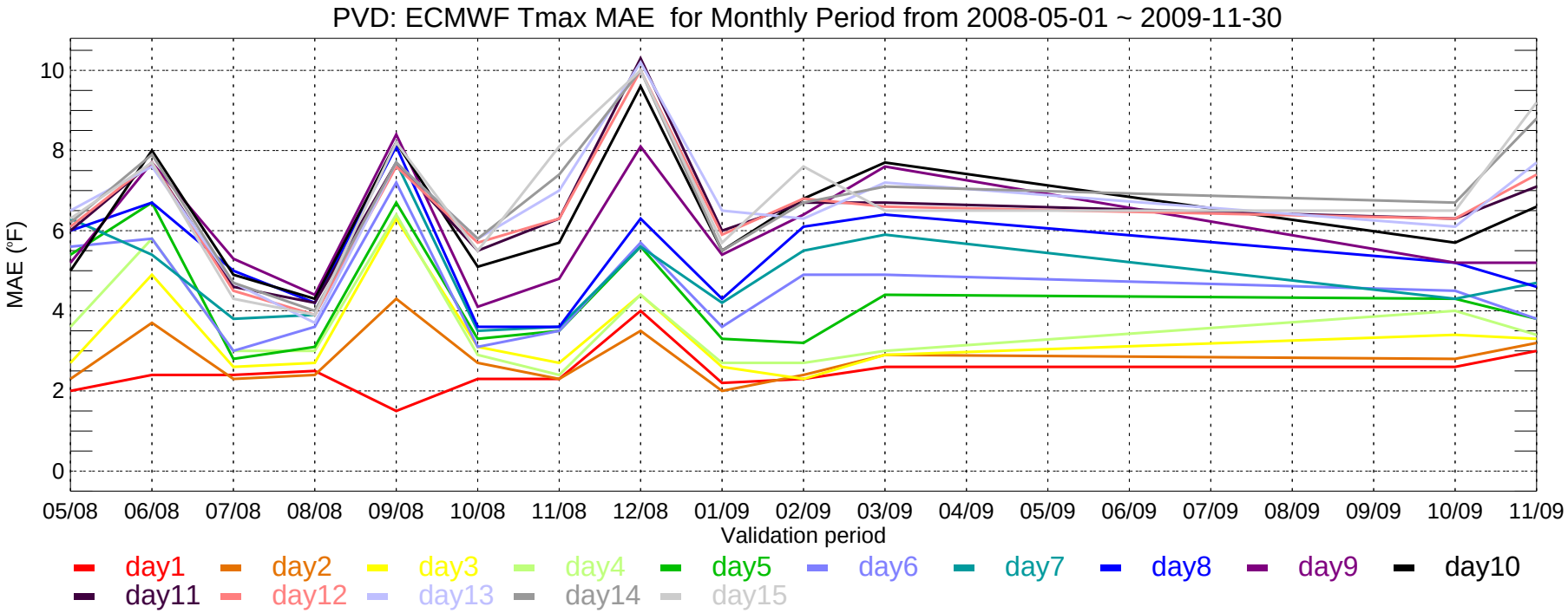
day11
day12
day13
day14
day15


PVD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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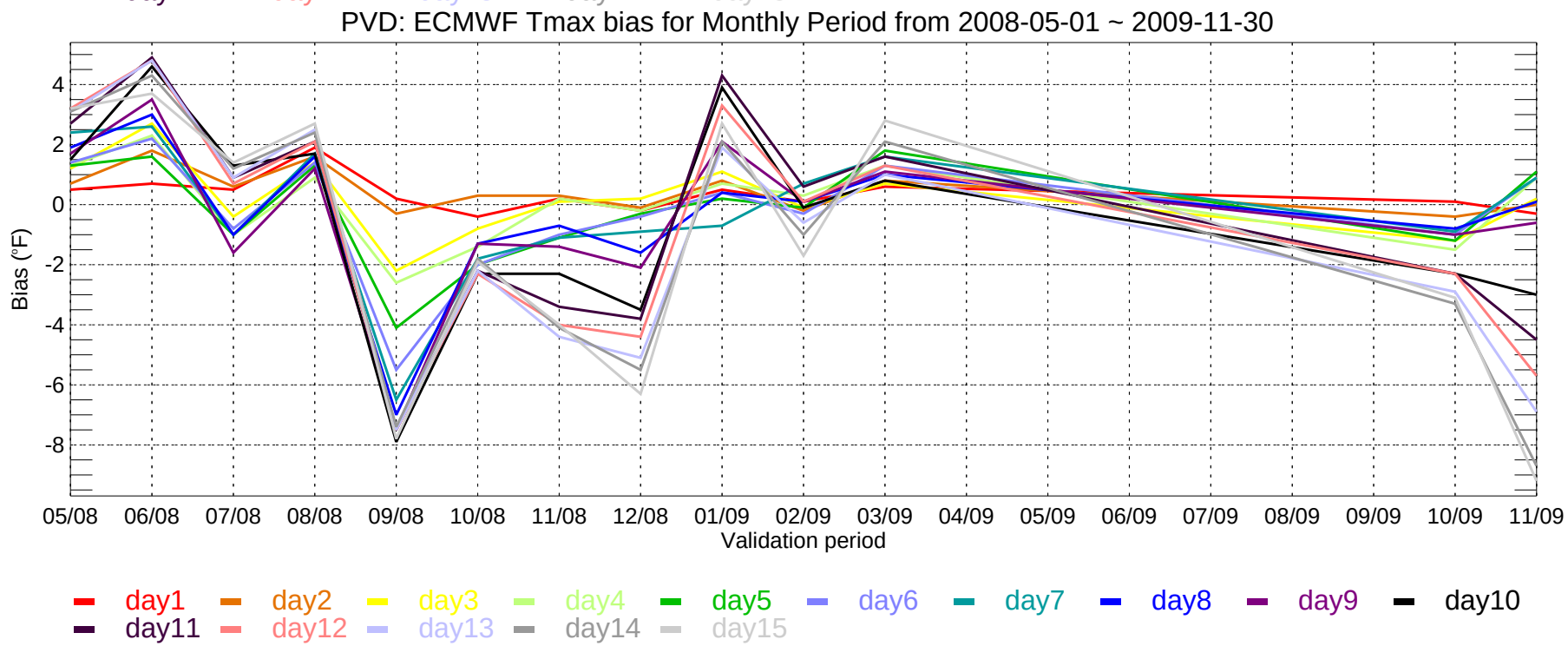
day10
day11
day12
day13
day14
day15


PVD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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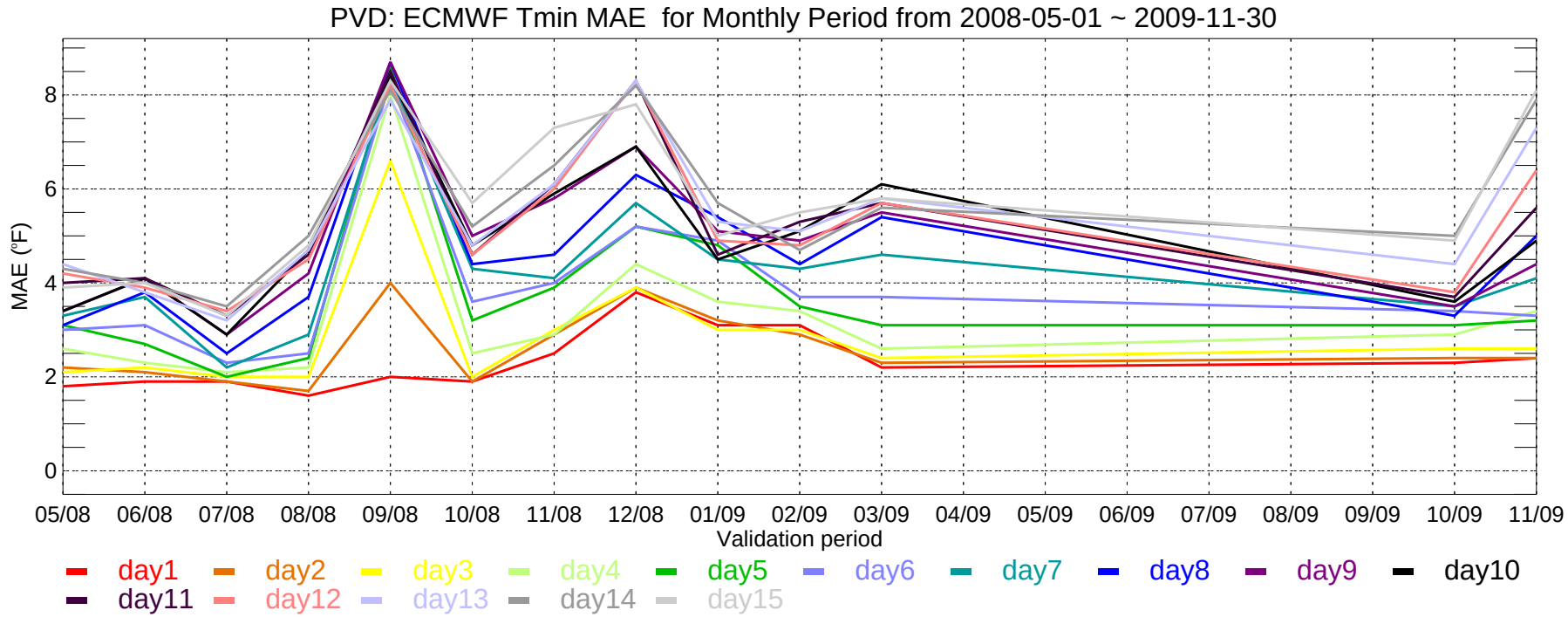
day10
day11
day12
day13
day14
day15


PVD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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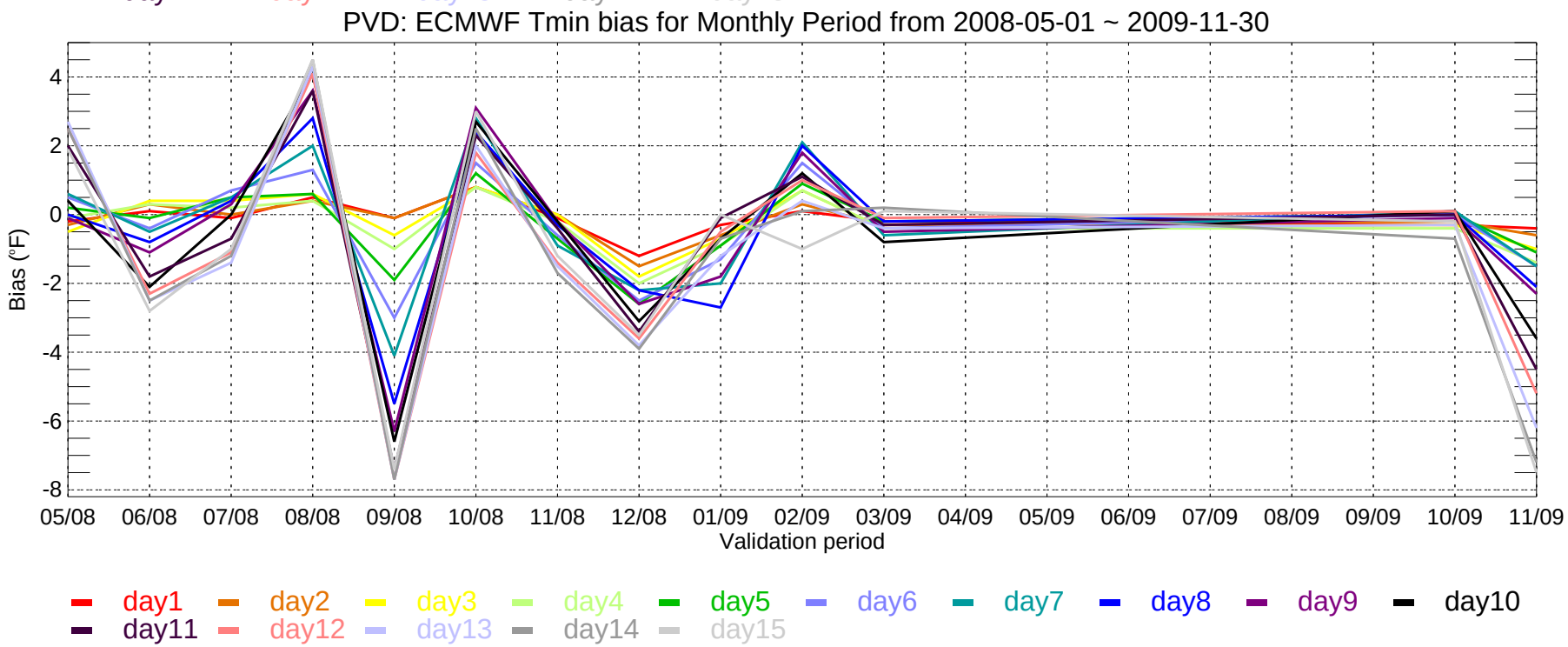
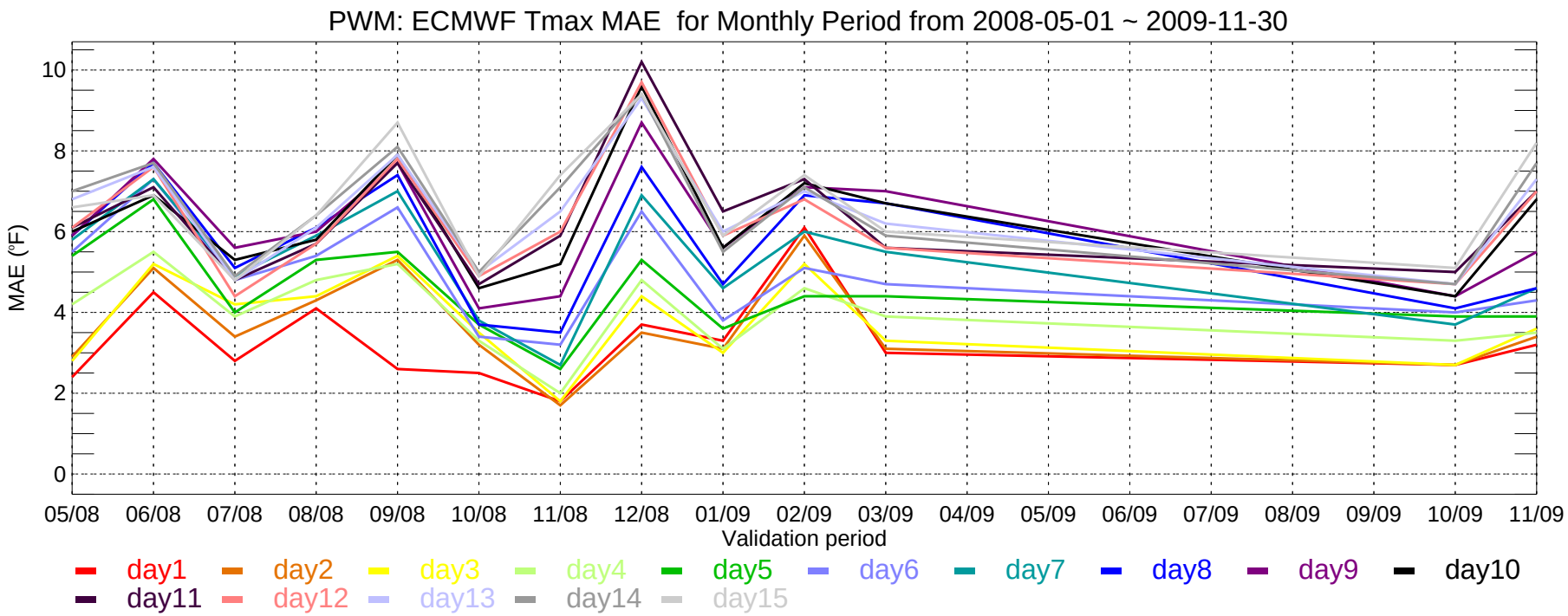
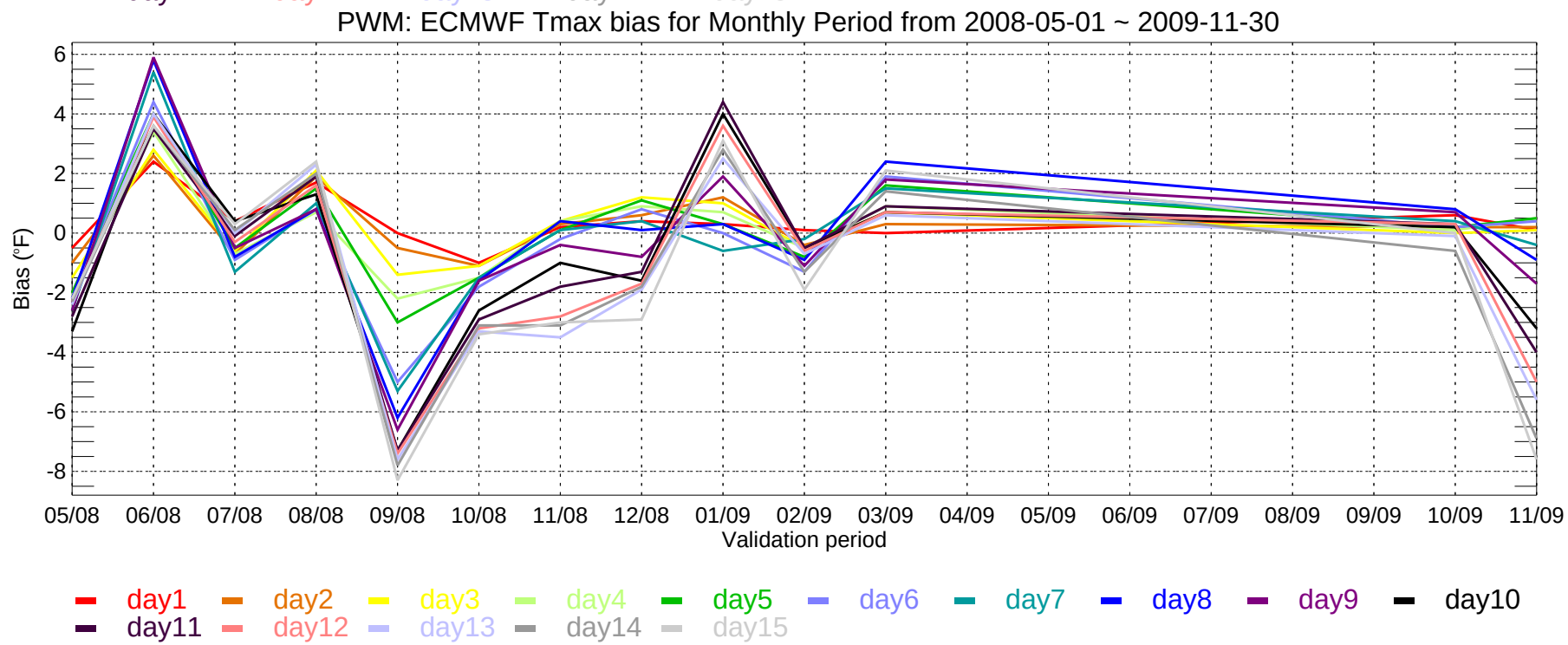
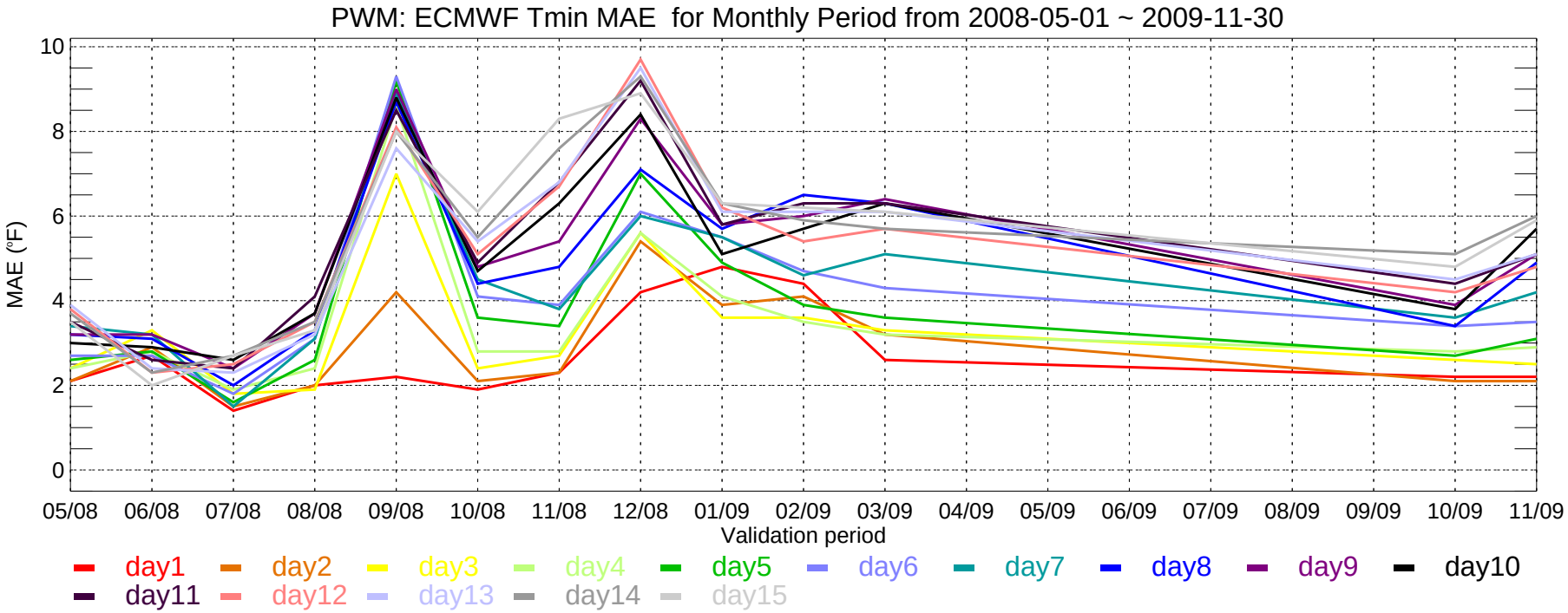
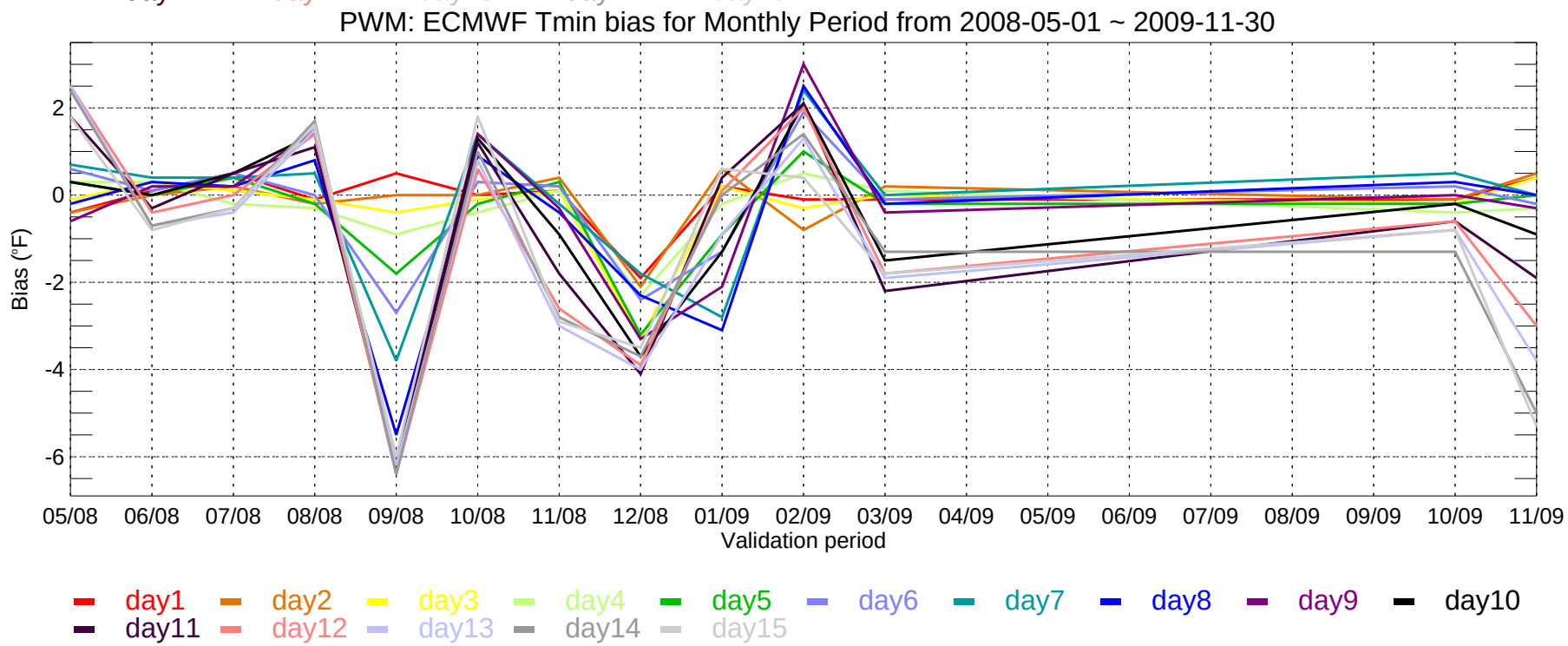
day10
day11
day12
day13
day14
day15

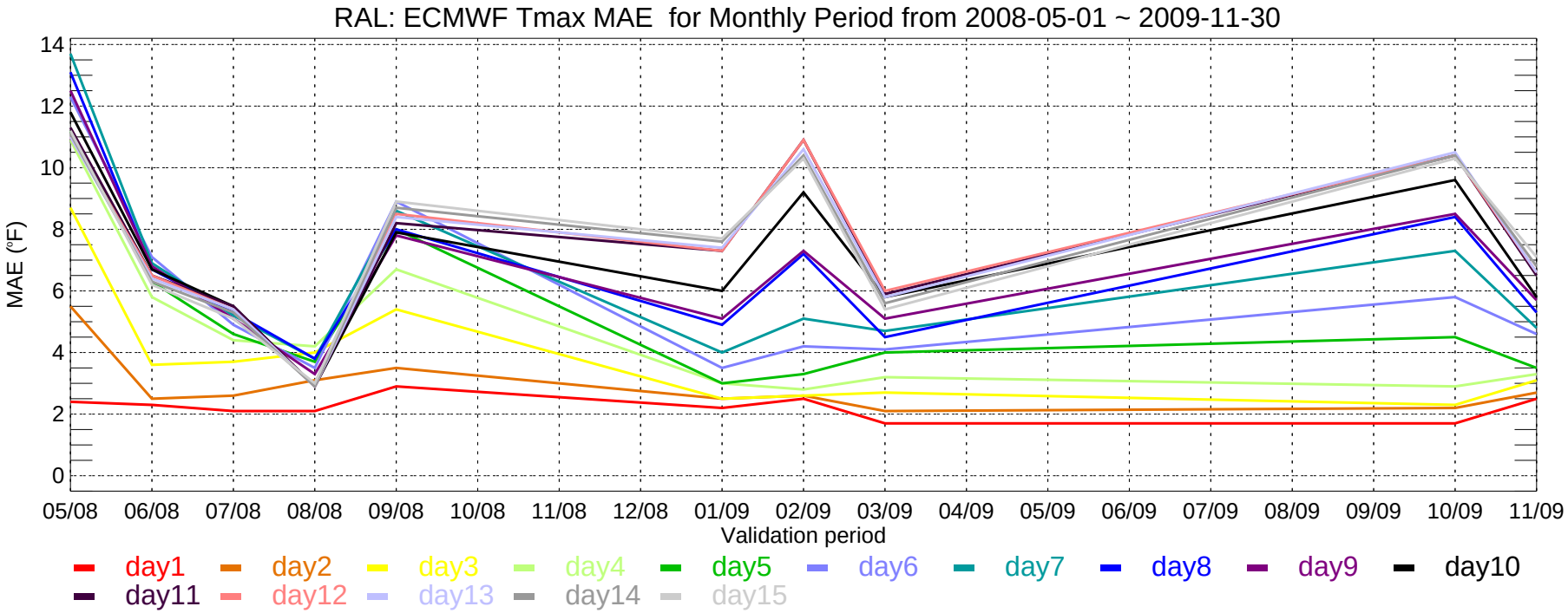

PVD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

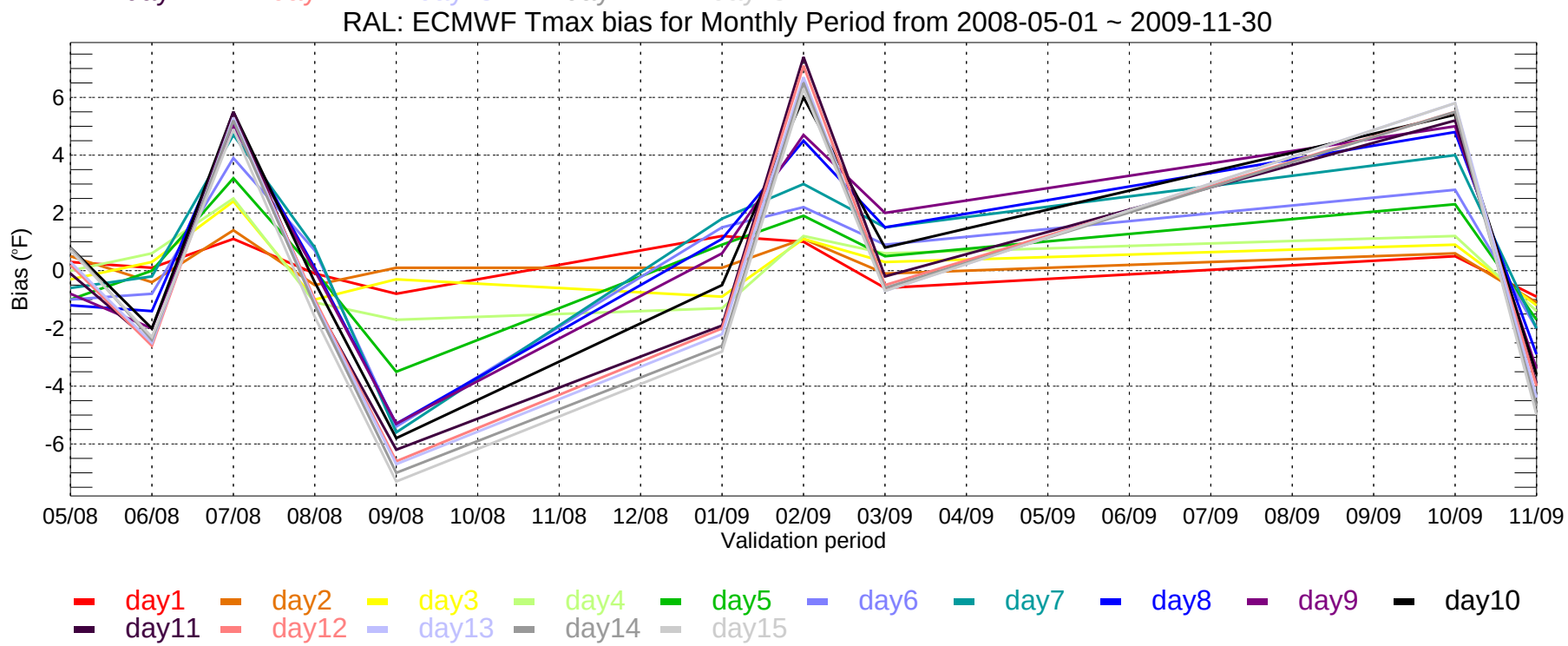

PWM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

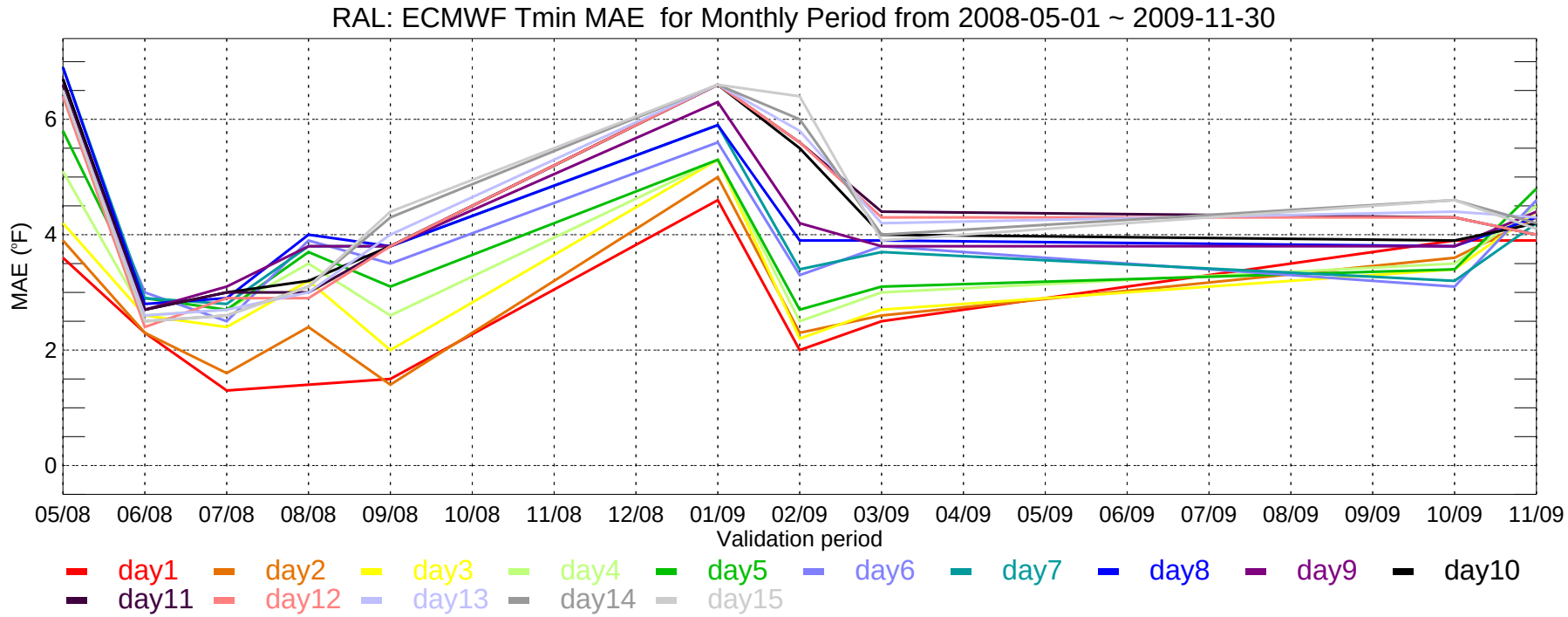

PWM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

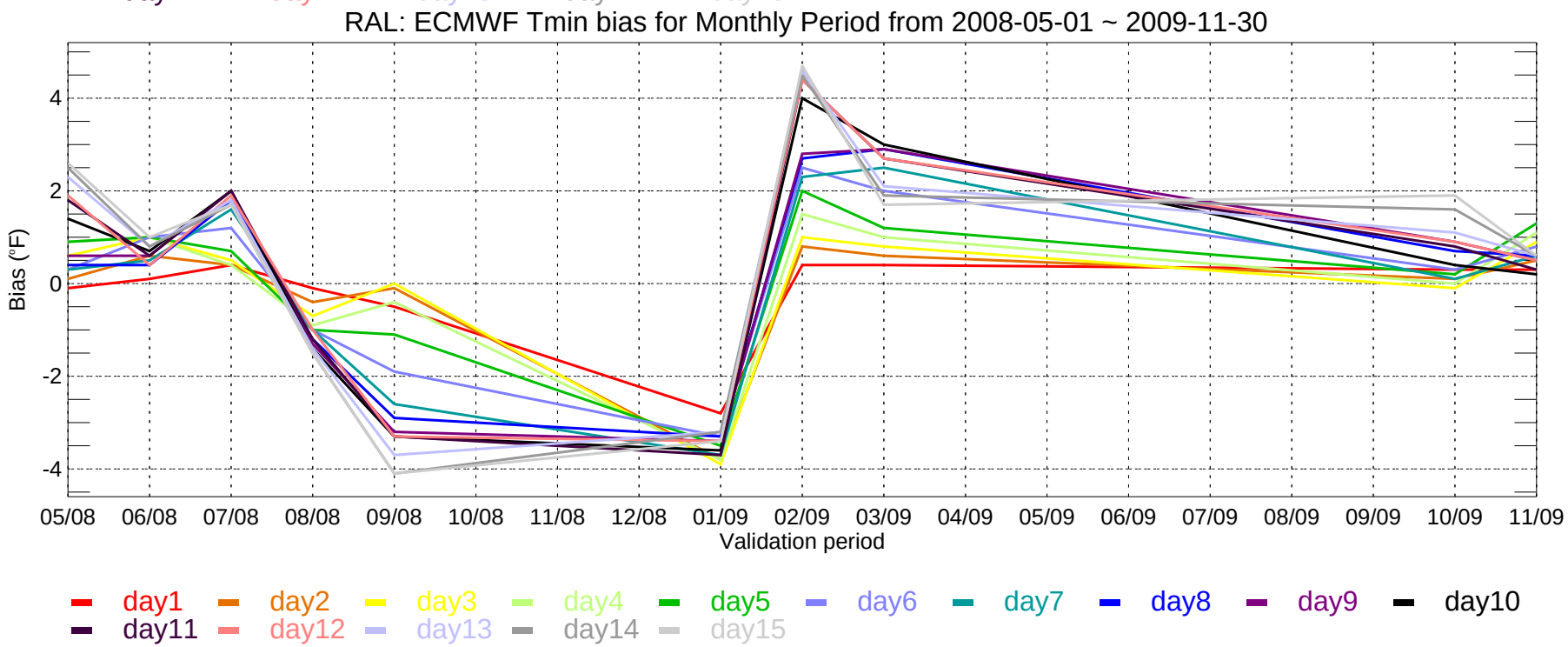

PWM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

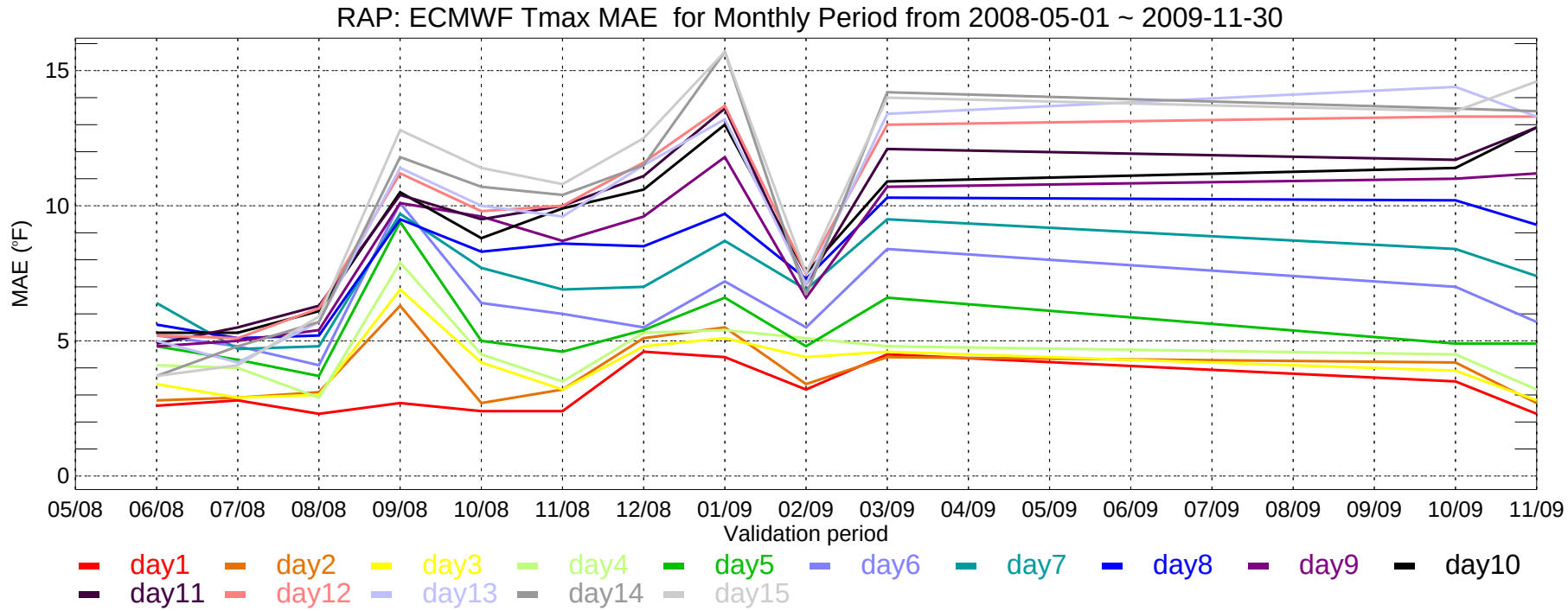

PWM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

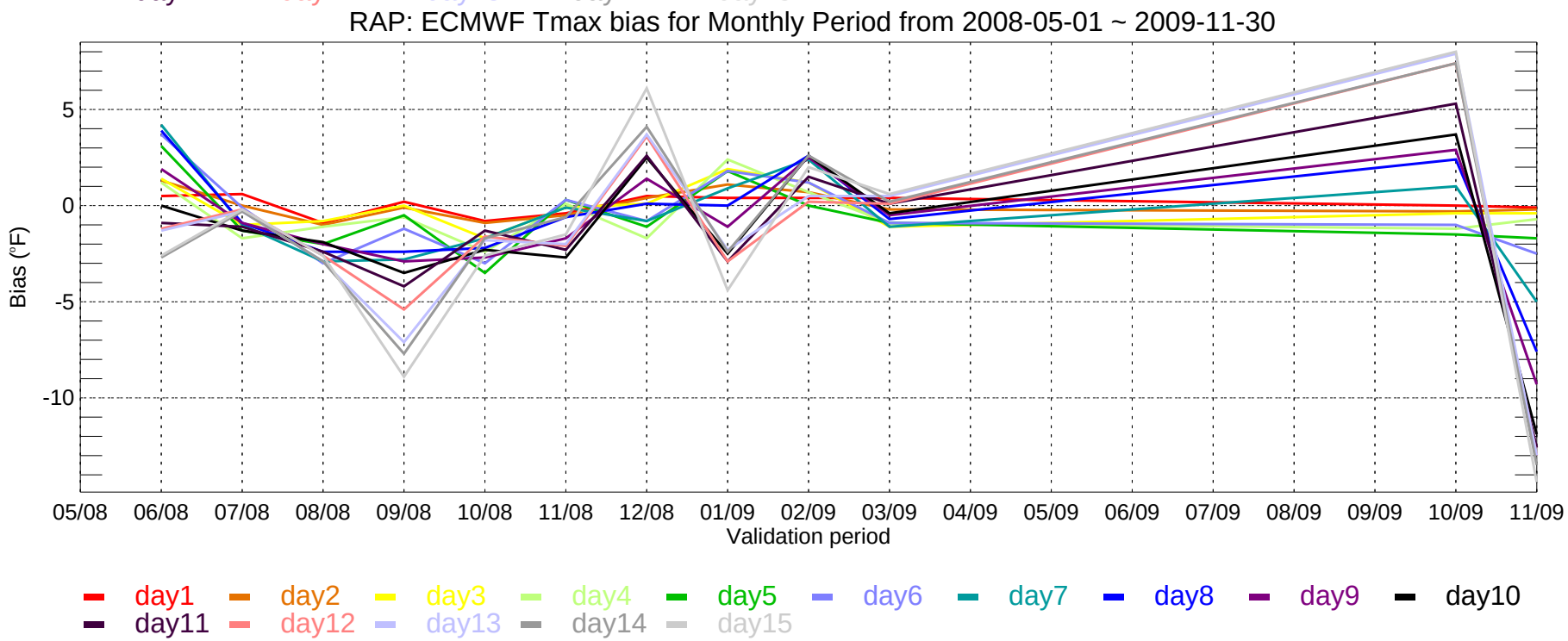

RAL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
14
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


RAL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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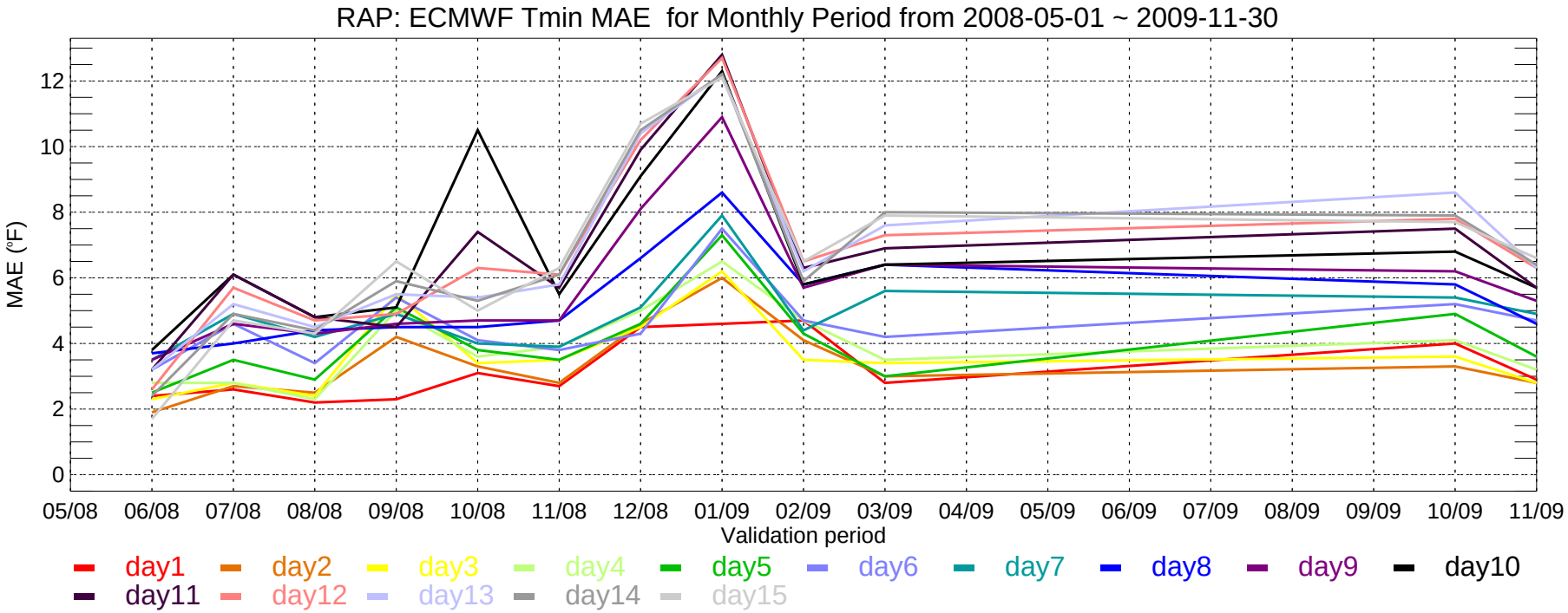
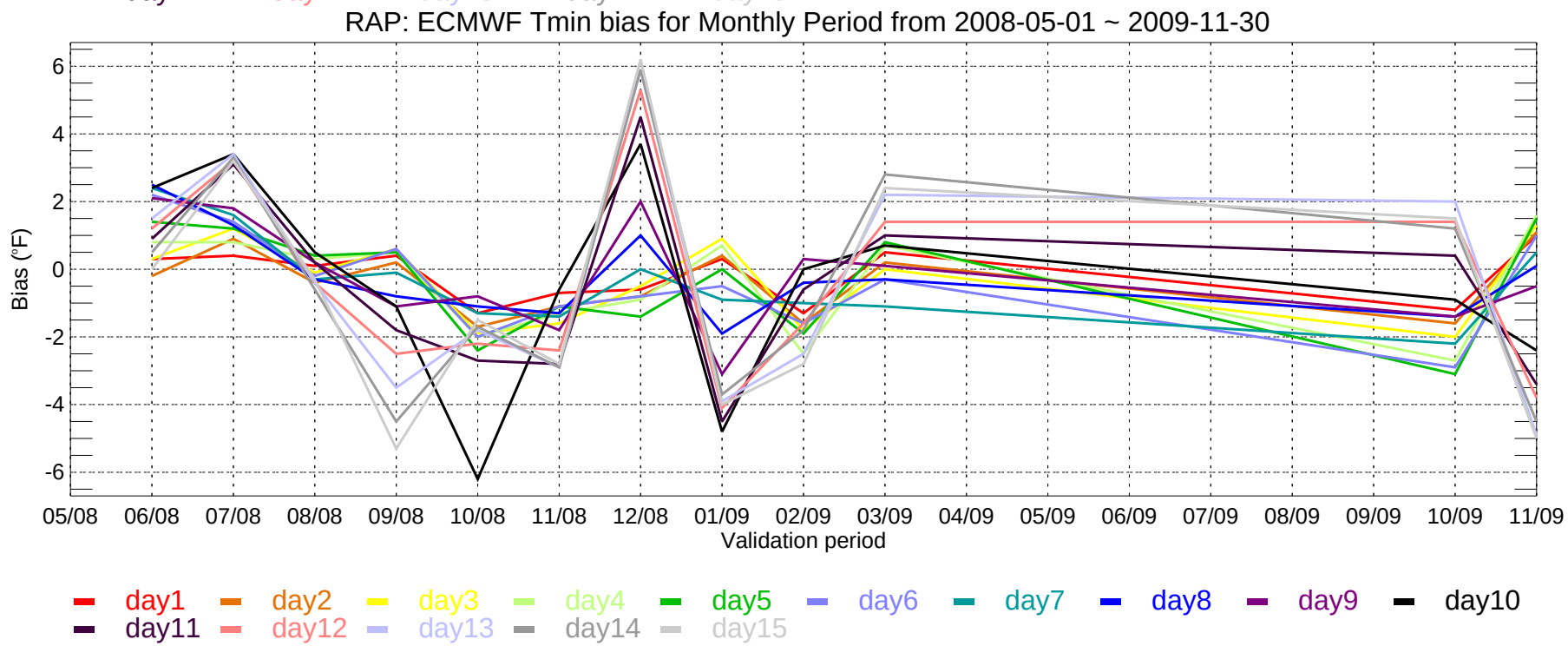
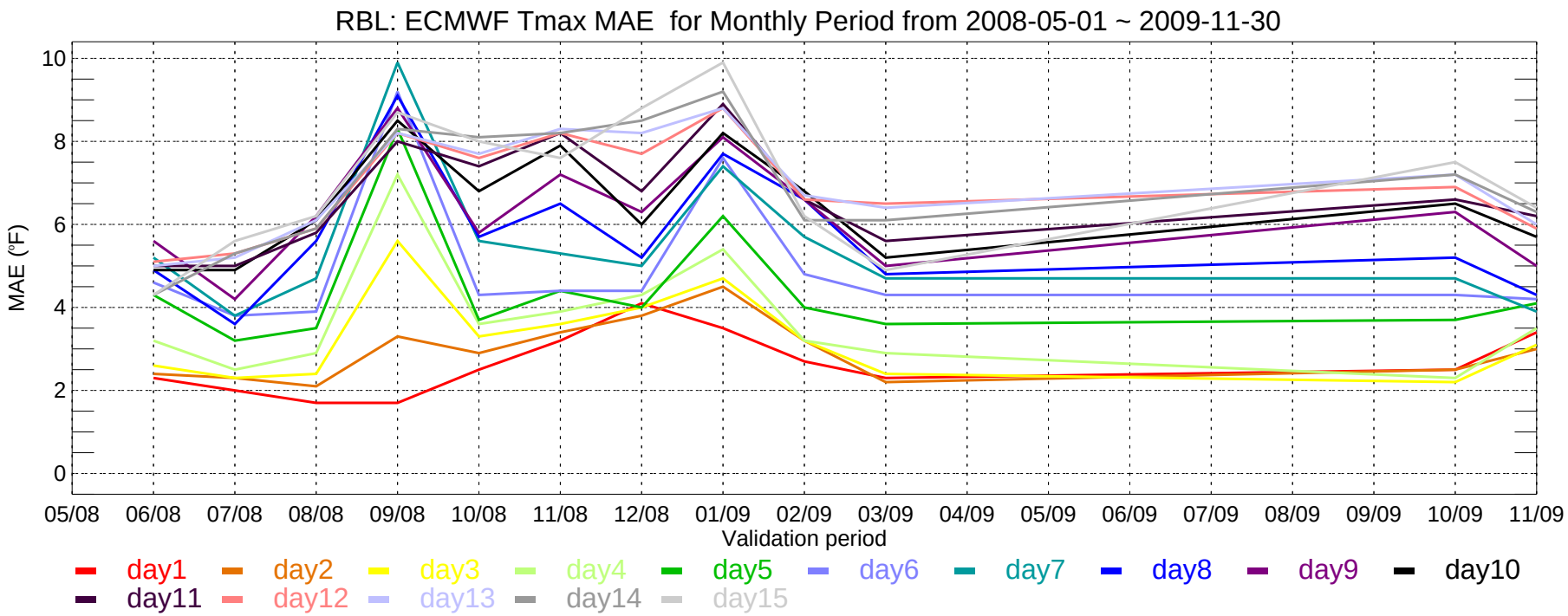
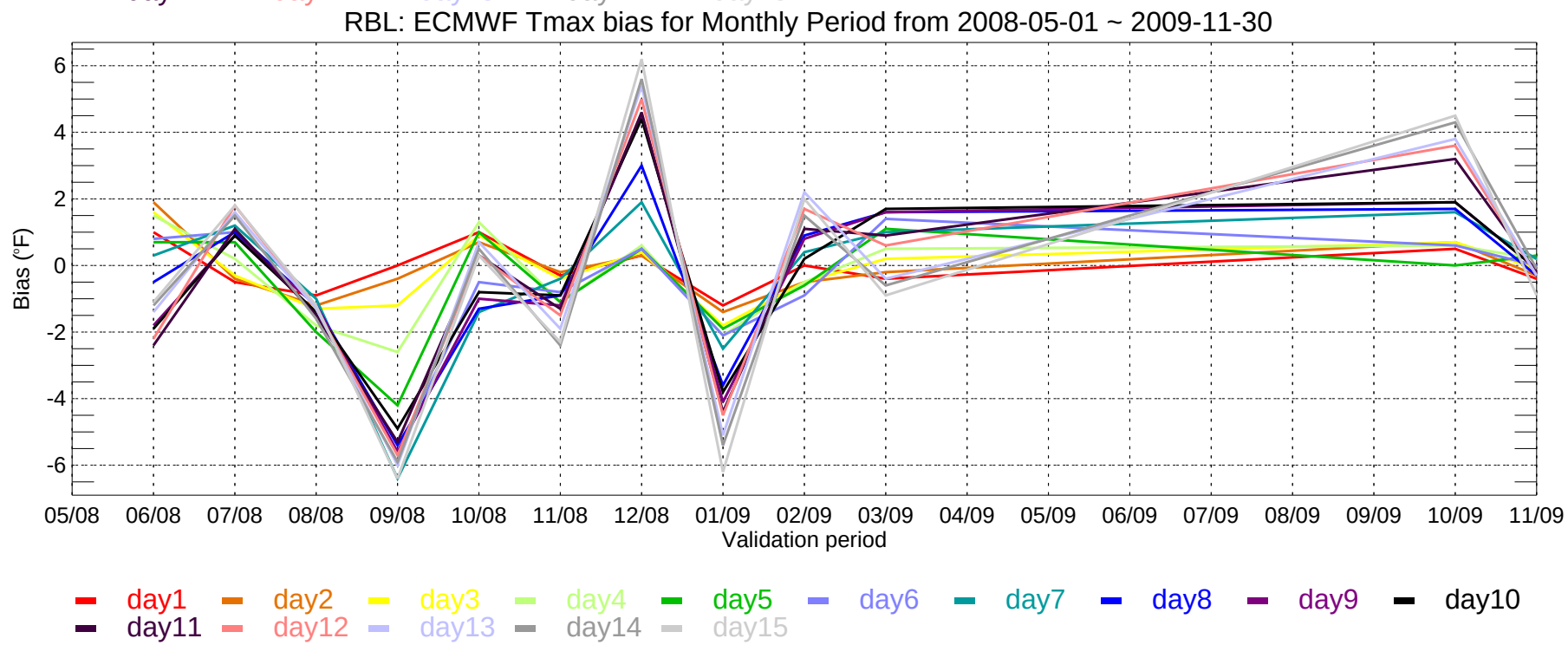
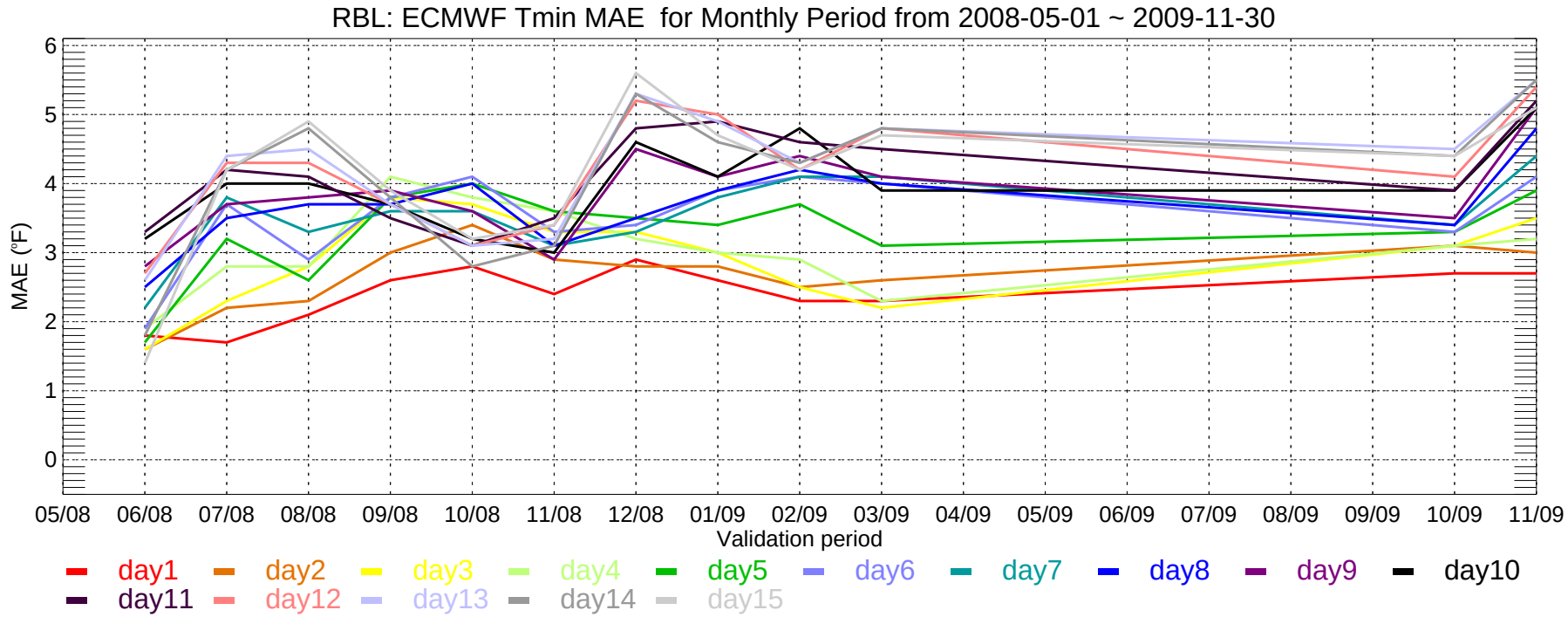
day10
day11
day12
day13
day14
day15

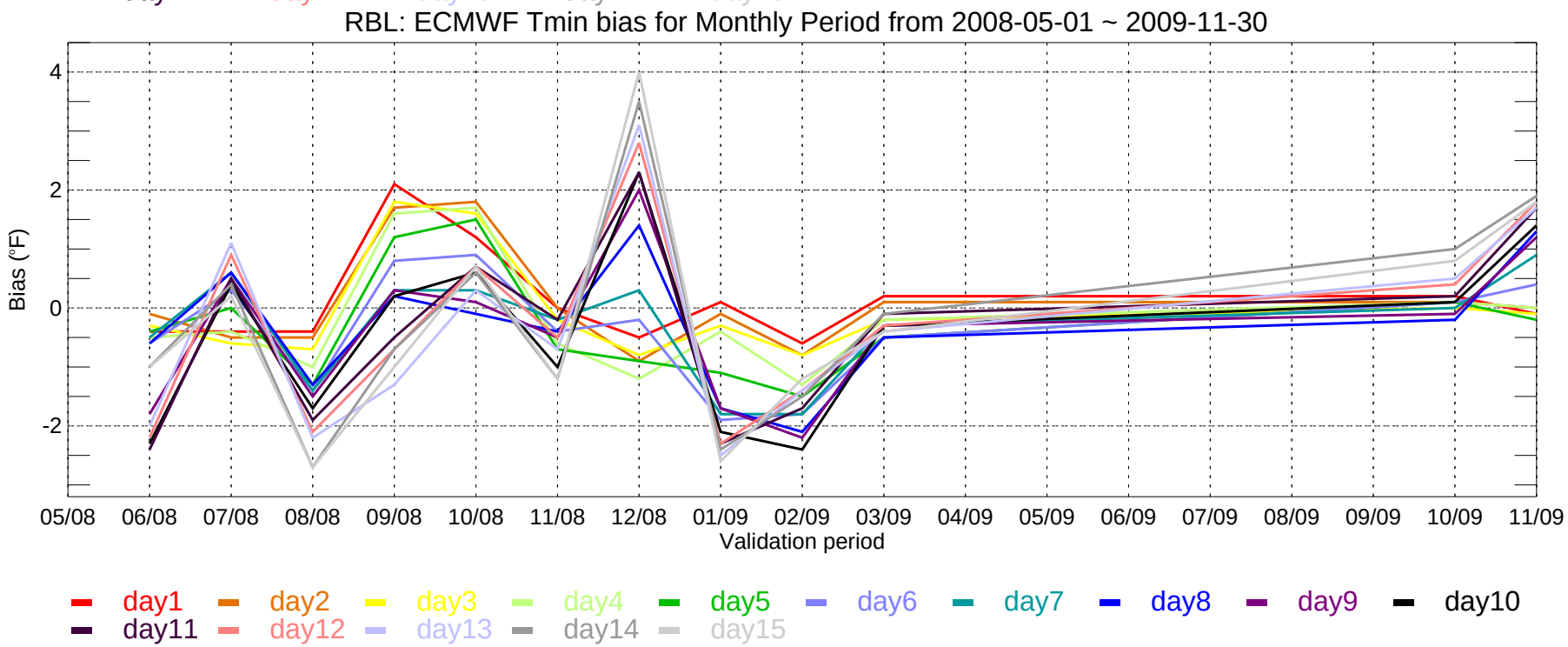

RAP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

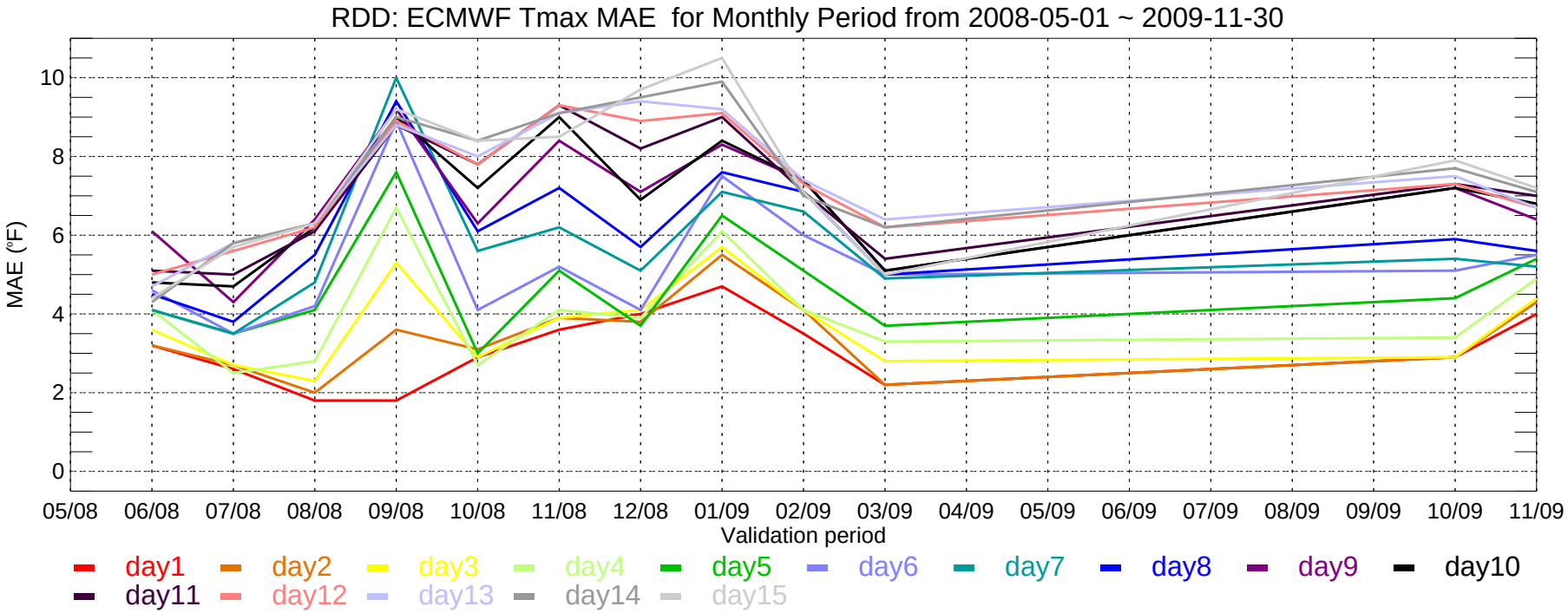

RAP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

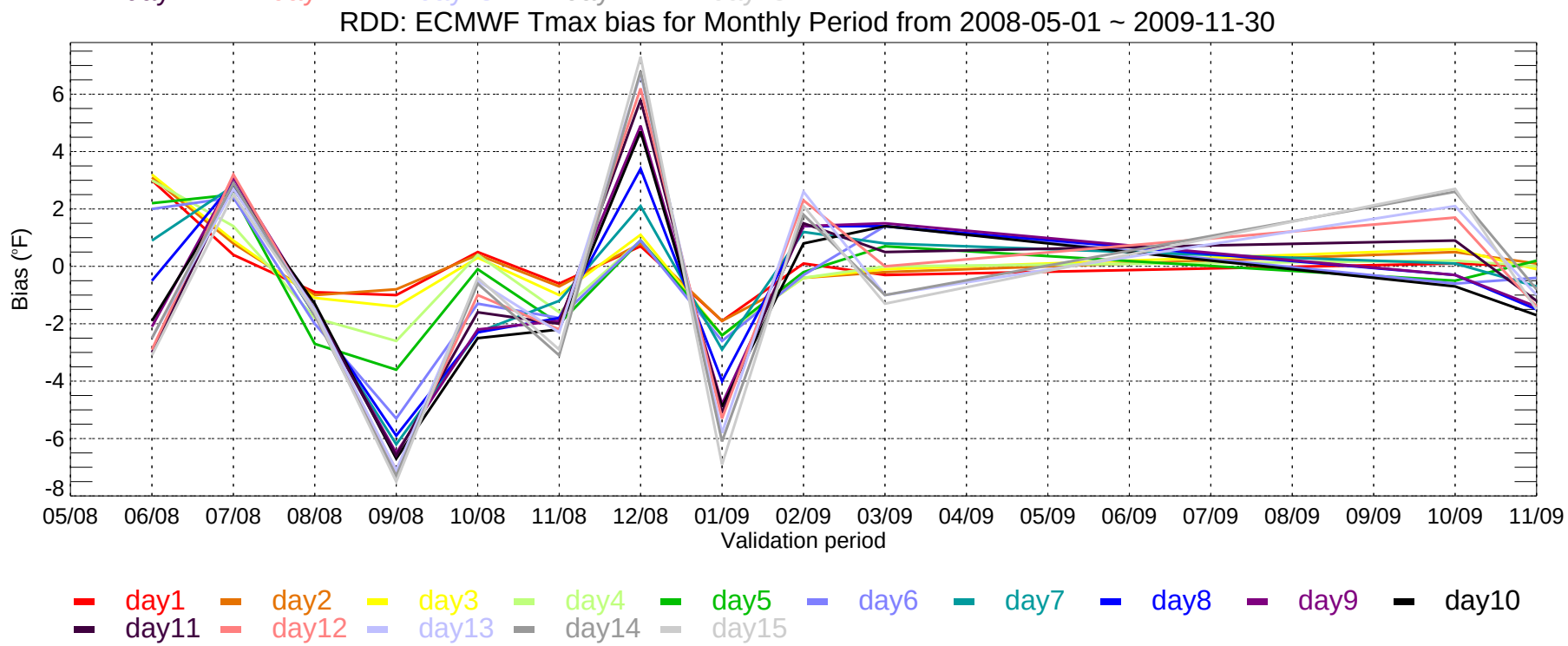

RBL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

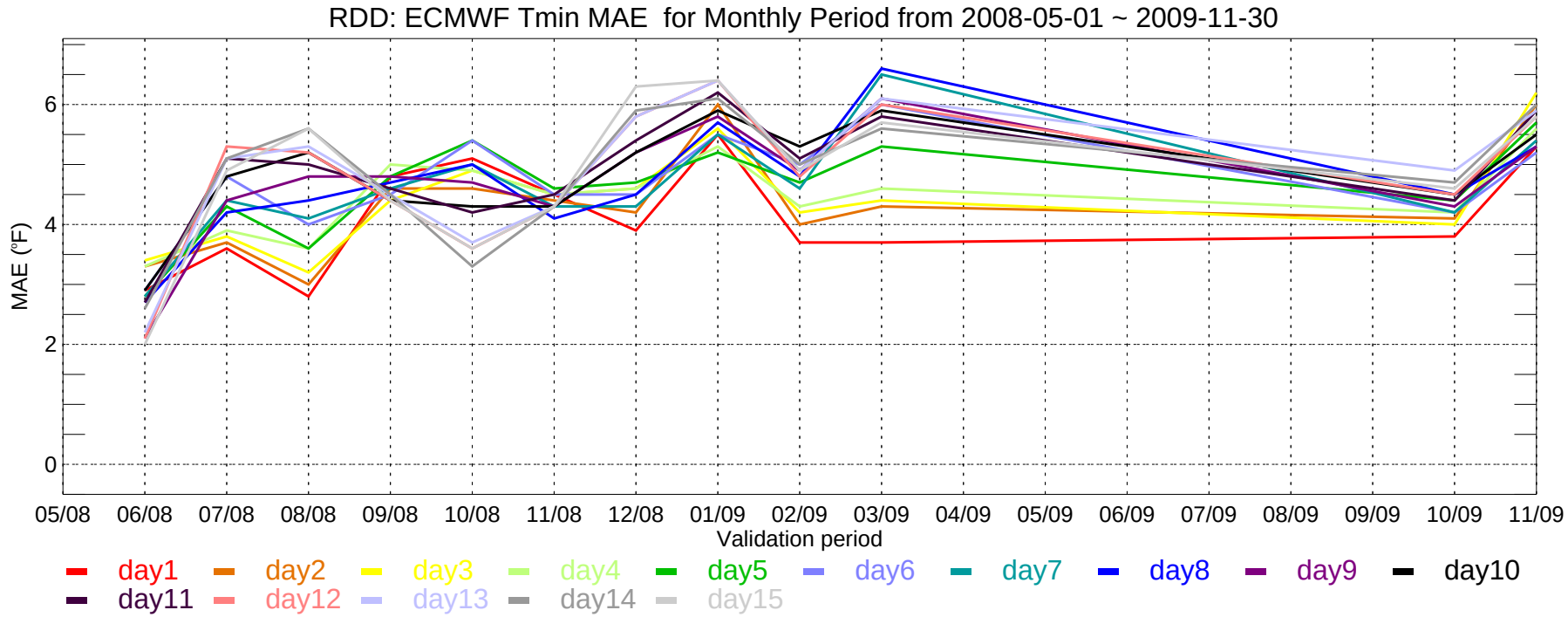

RBL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


RBL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
6
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day7
day8
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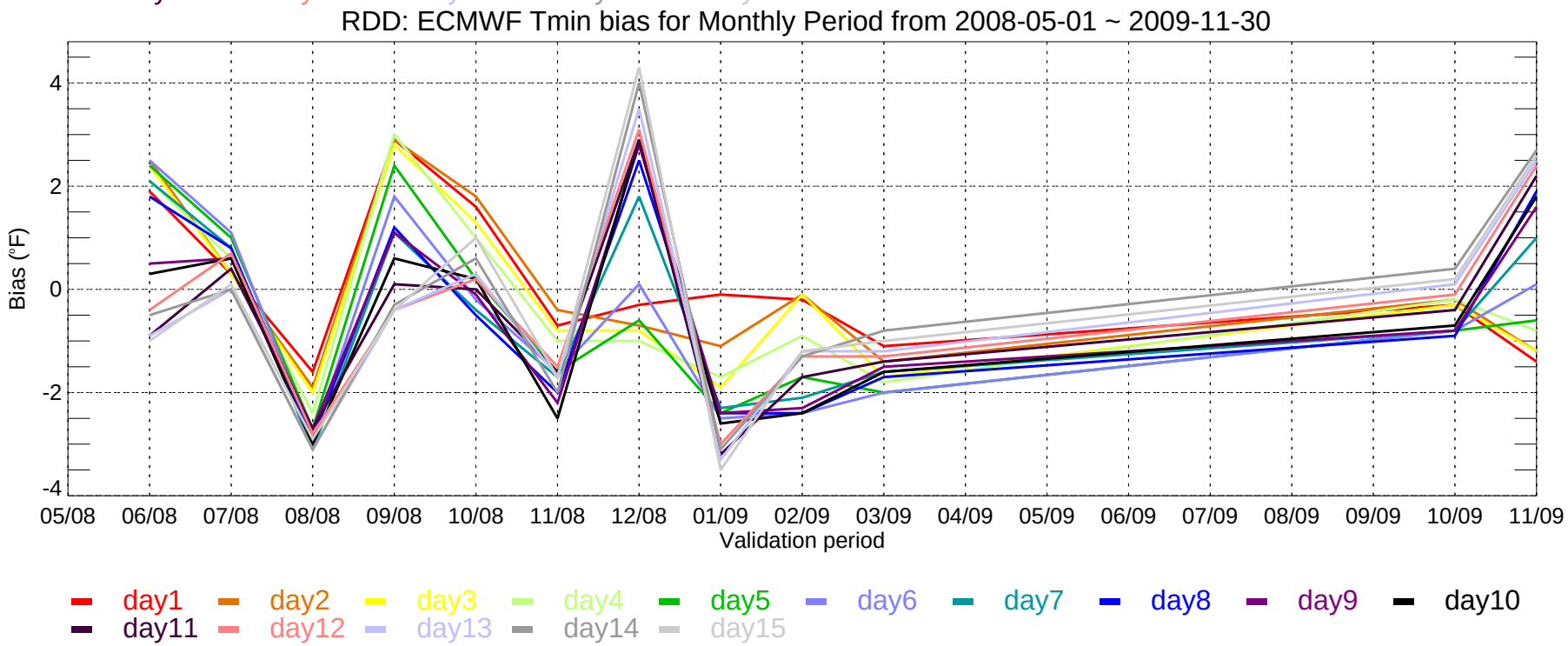
day13
day14
day15


RDD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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day7
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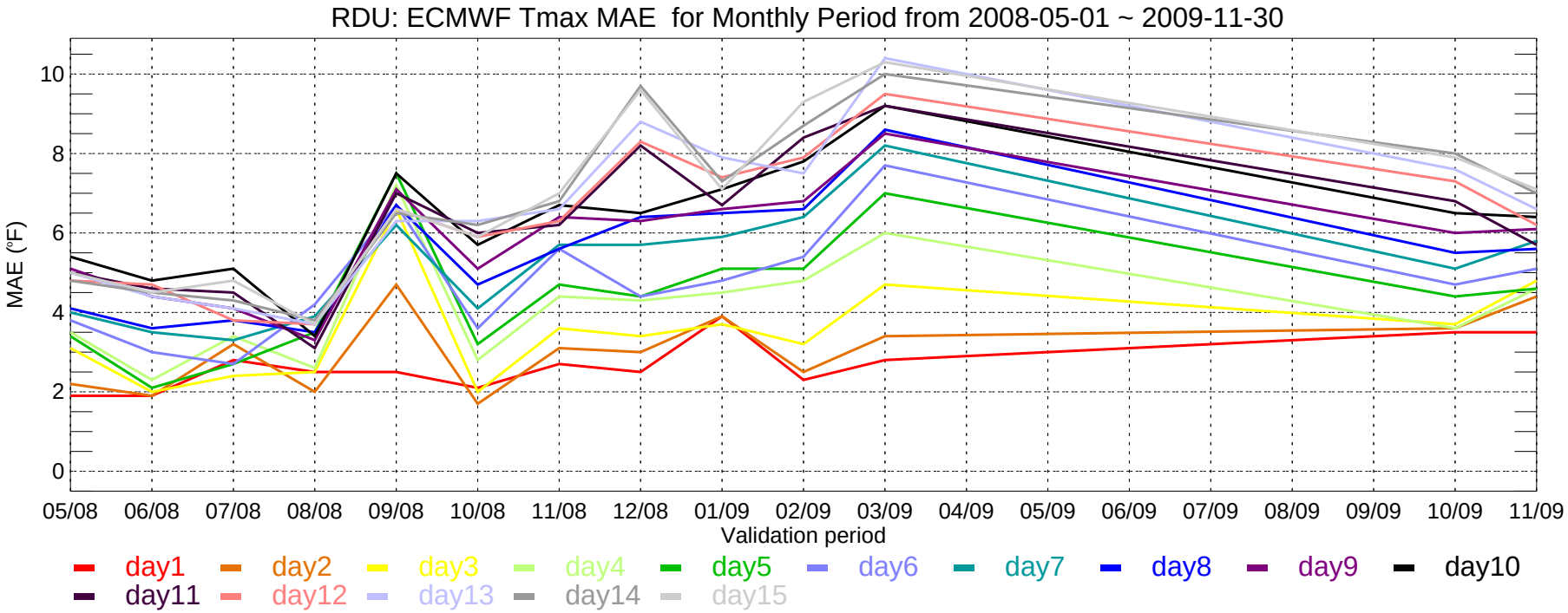
day13
day14
day15


RDU: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day7
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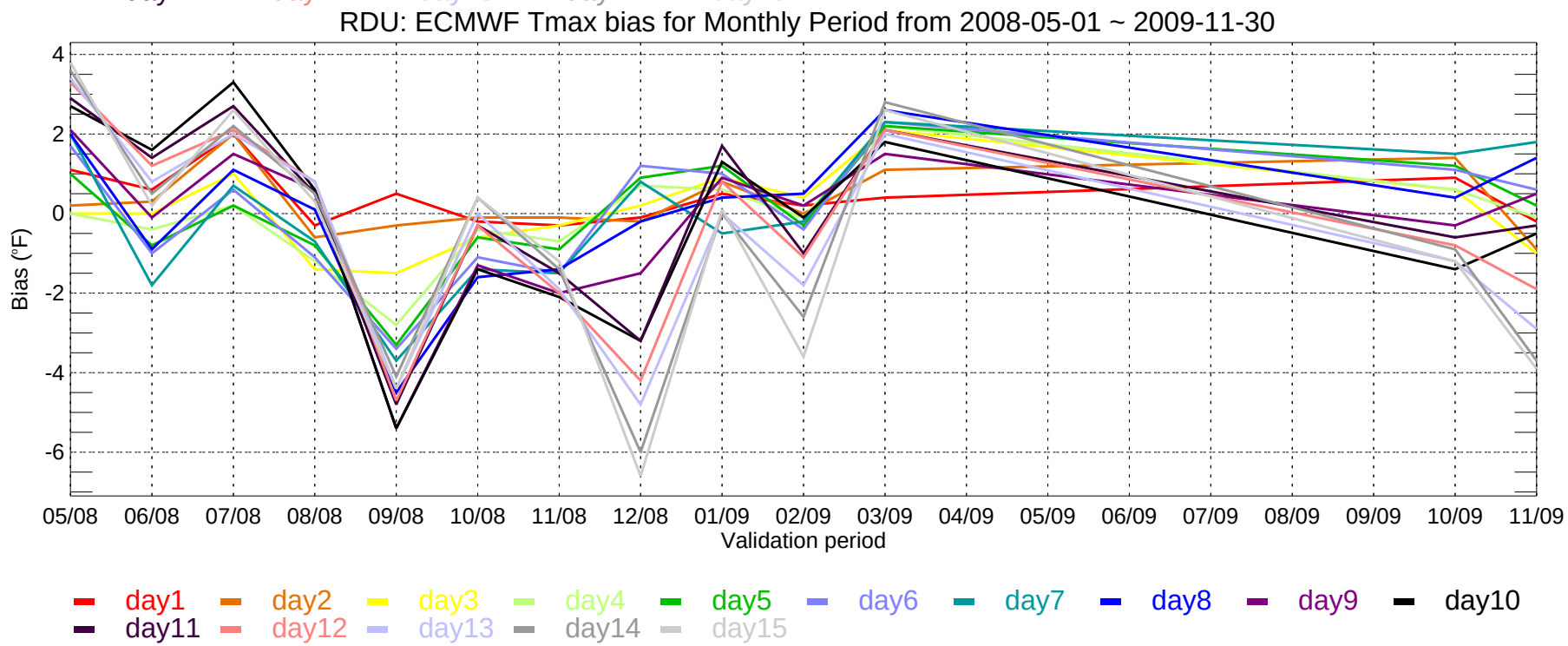
day11
day12
day13
day14
day15


RDU: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
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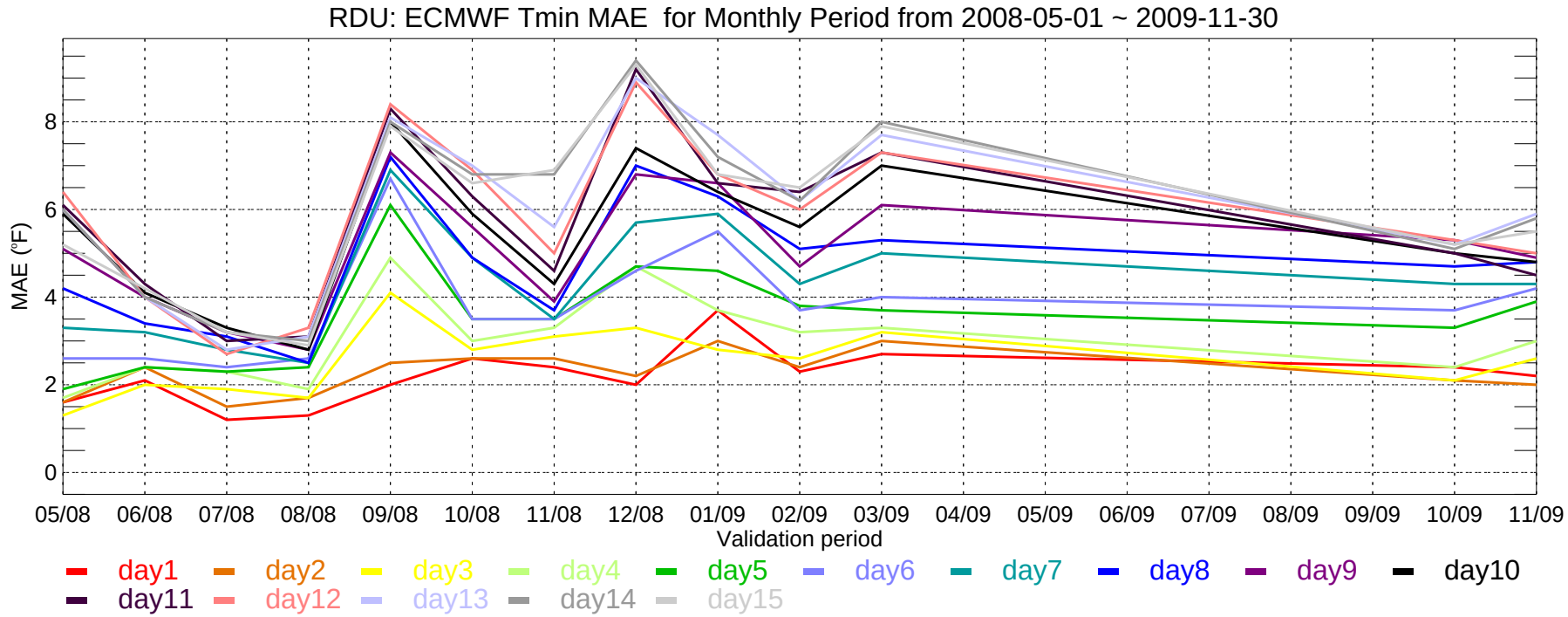
day13
day14
day15


RDU: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
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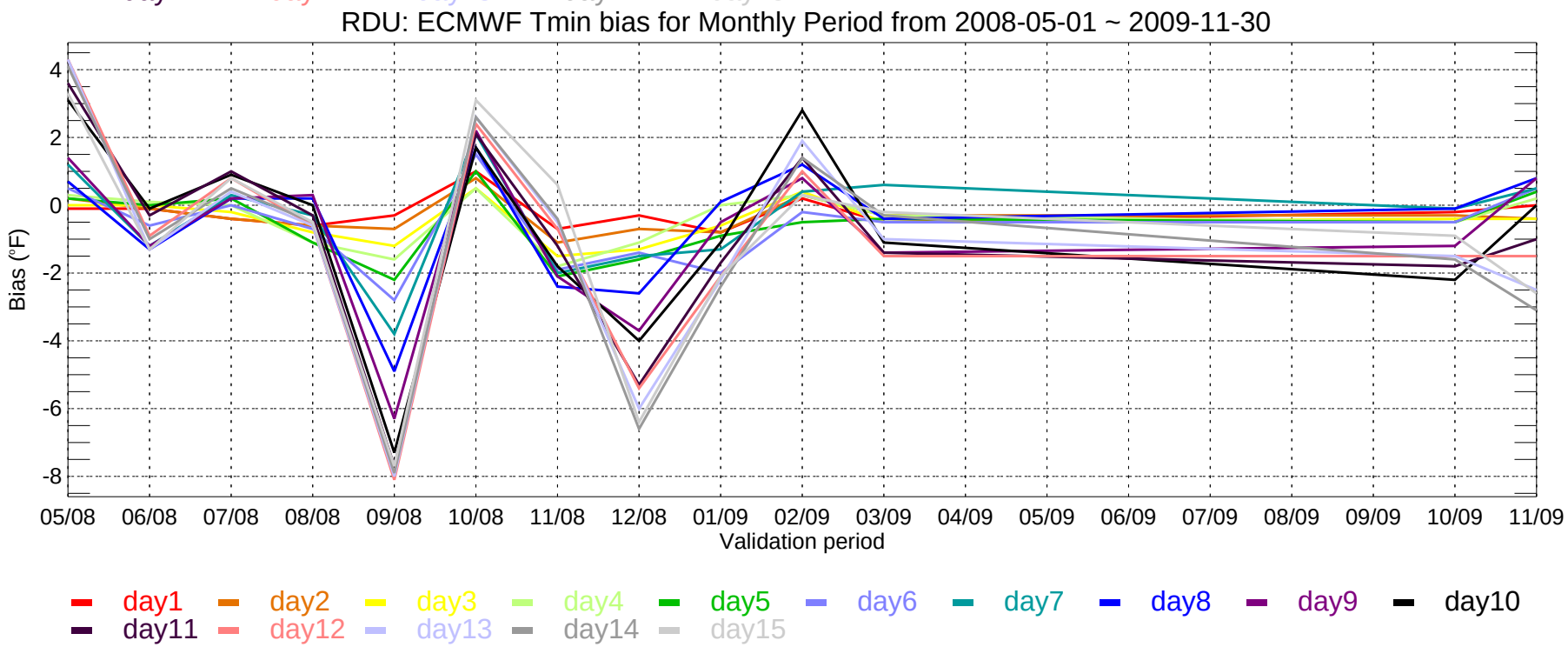
day14
day15


RDU: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
day4
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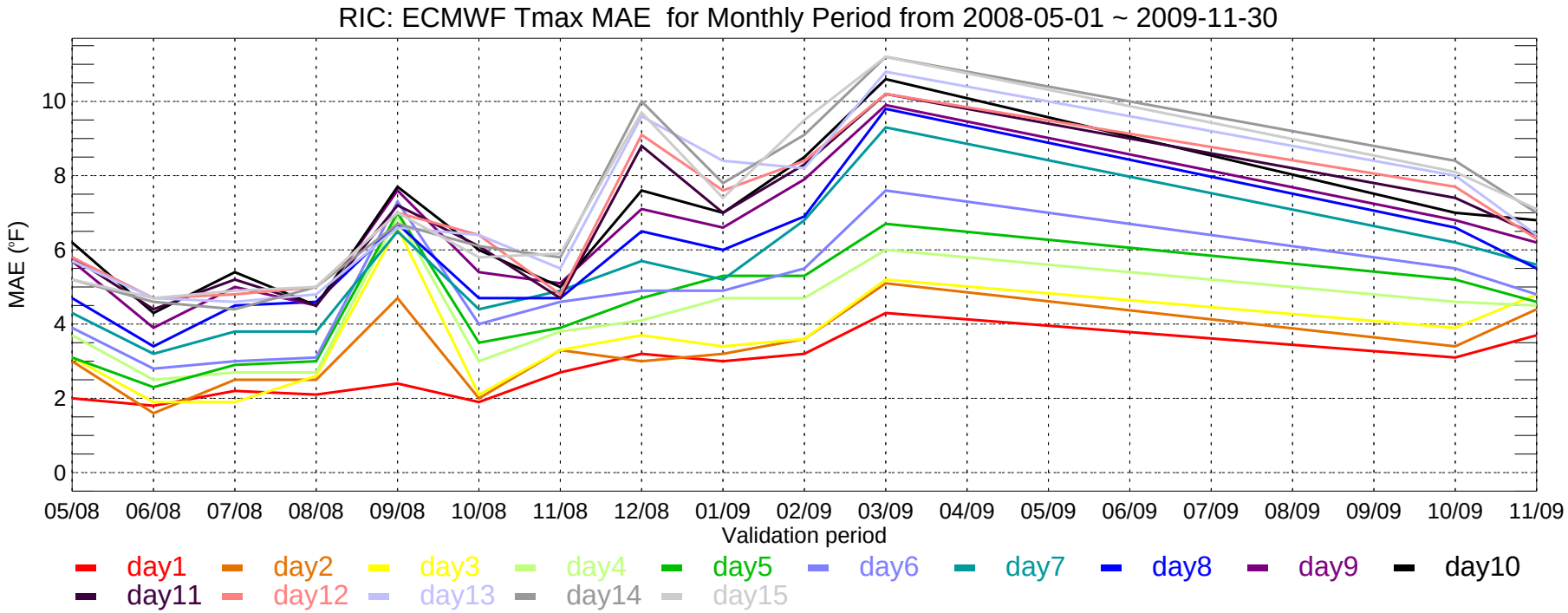
day14
day15


RIC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day8
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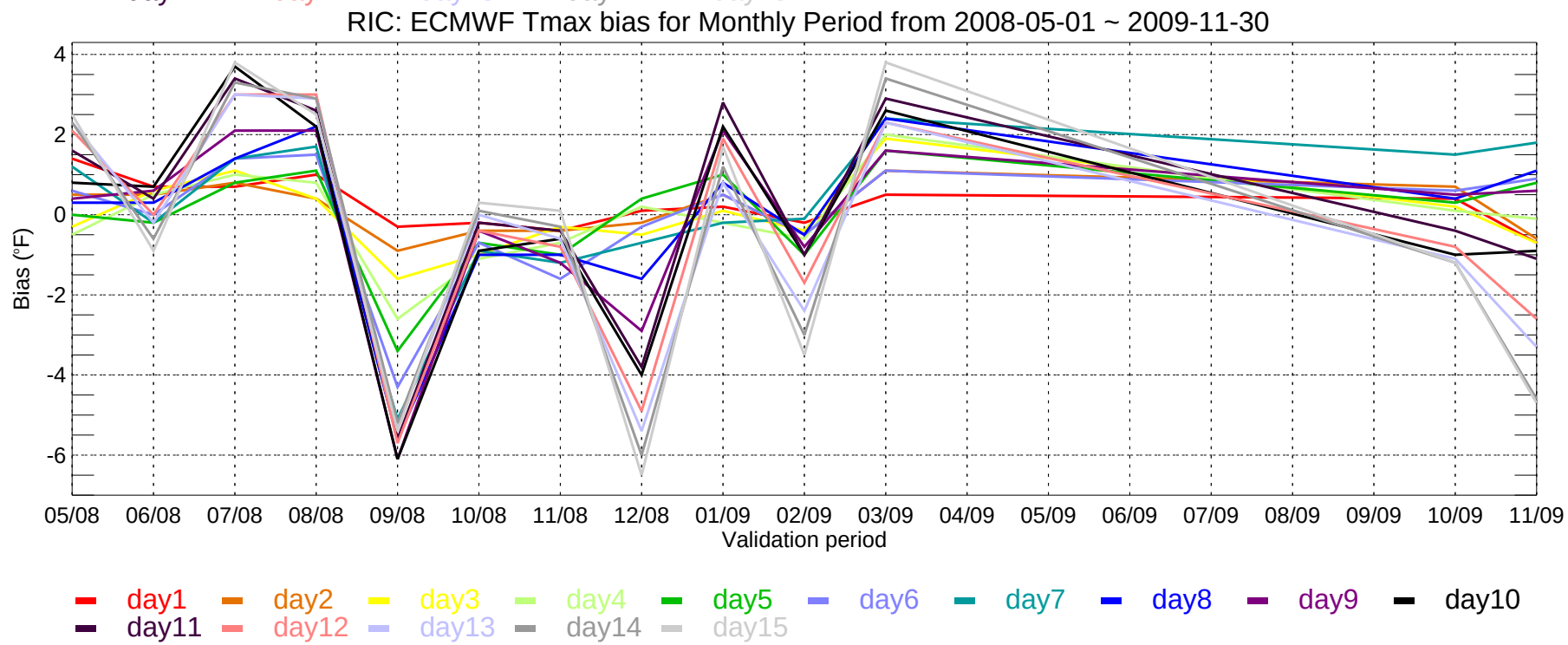
day13
day14
day15


RIC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
day7
day8
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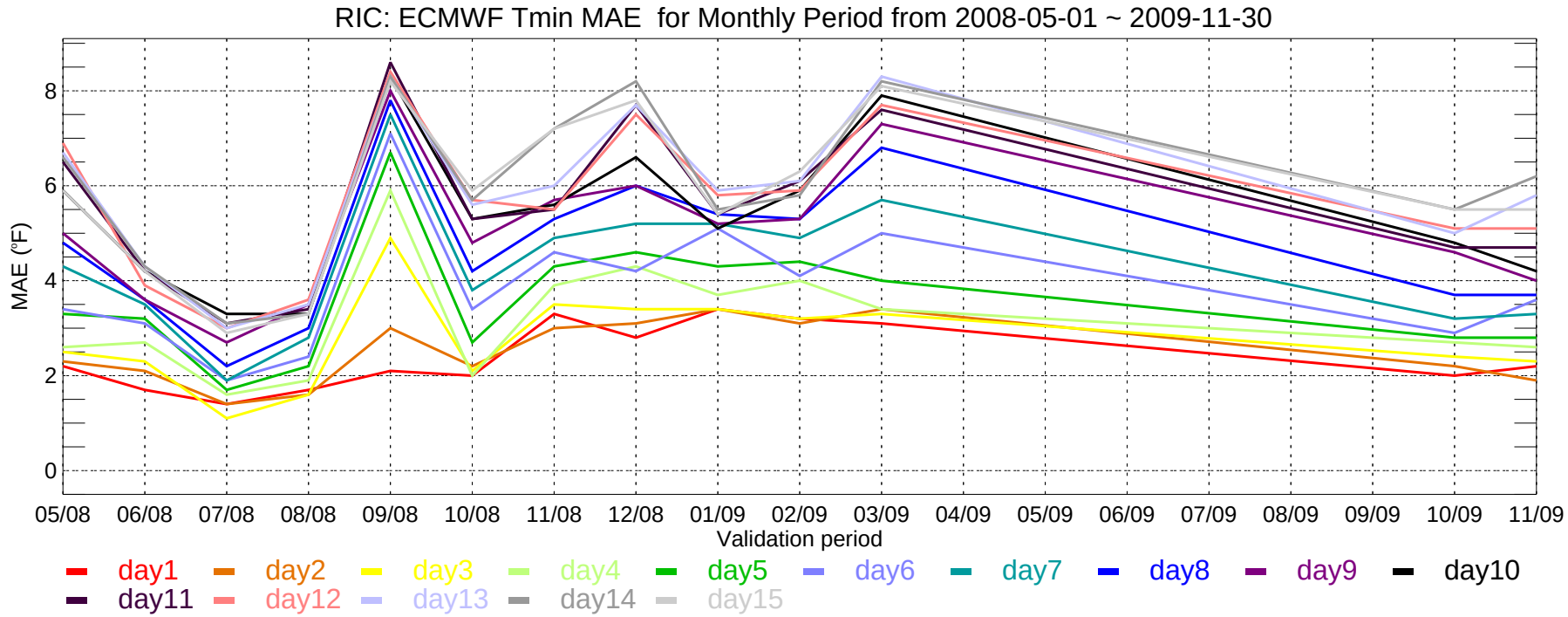
day10
day11
day12
day13
day14
day15


RIC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
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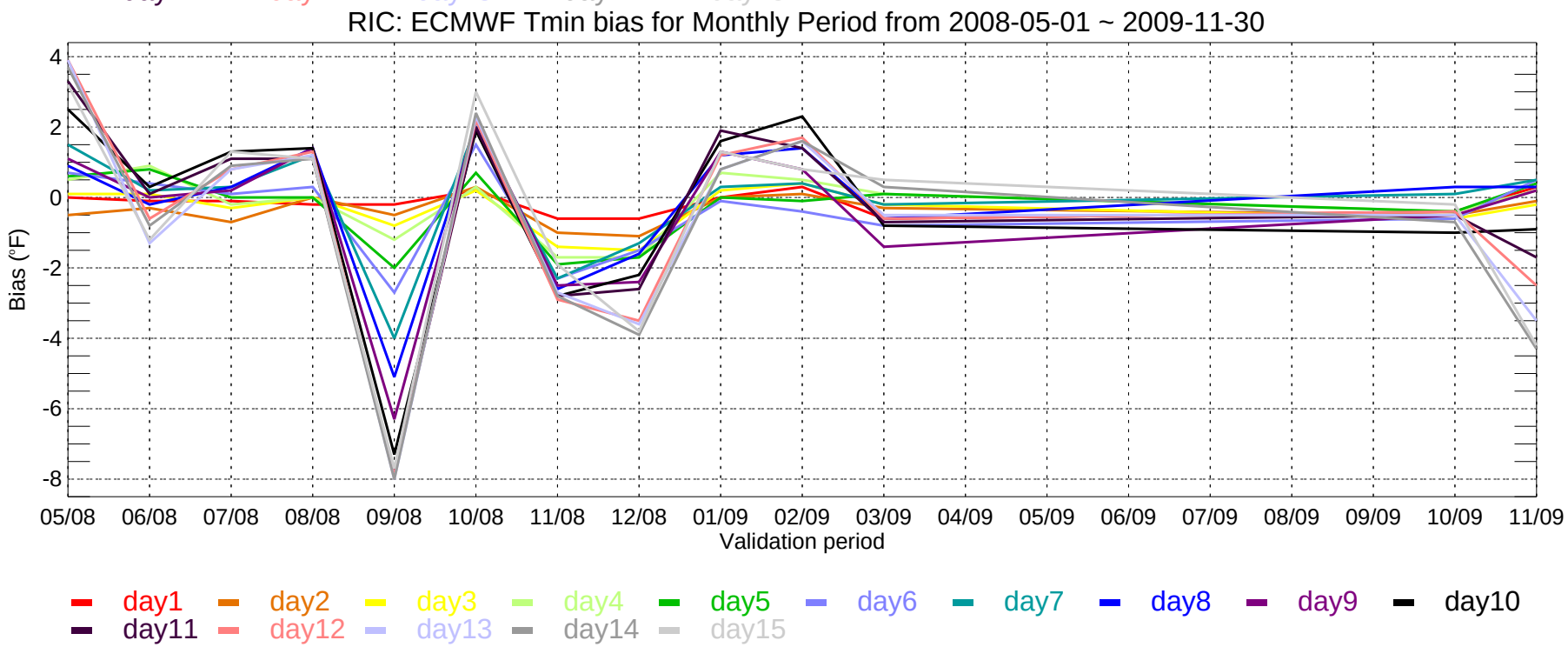
day11
day12
day13
day14
day15


RIC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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day8
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day12
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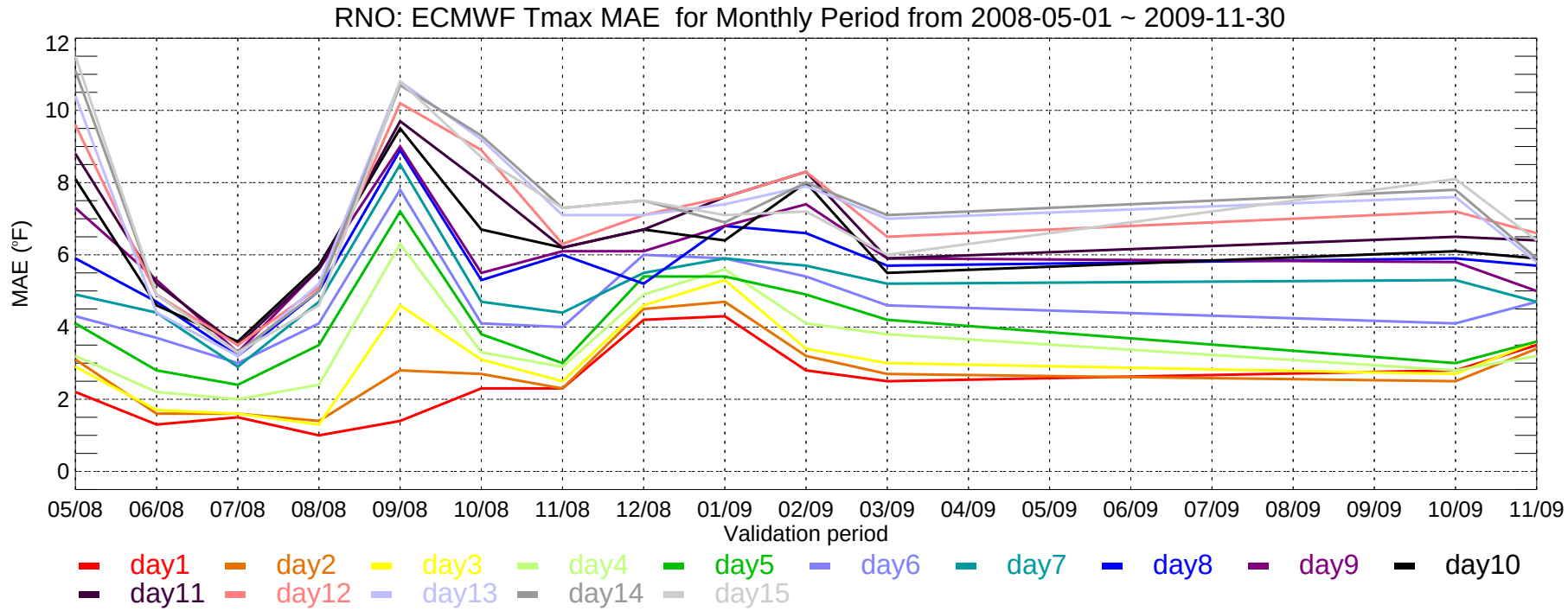
day14
day15


RNO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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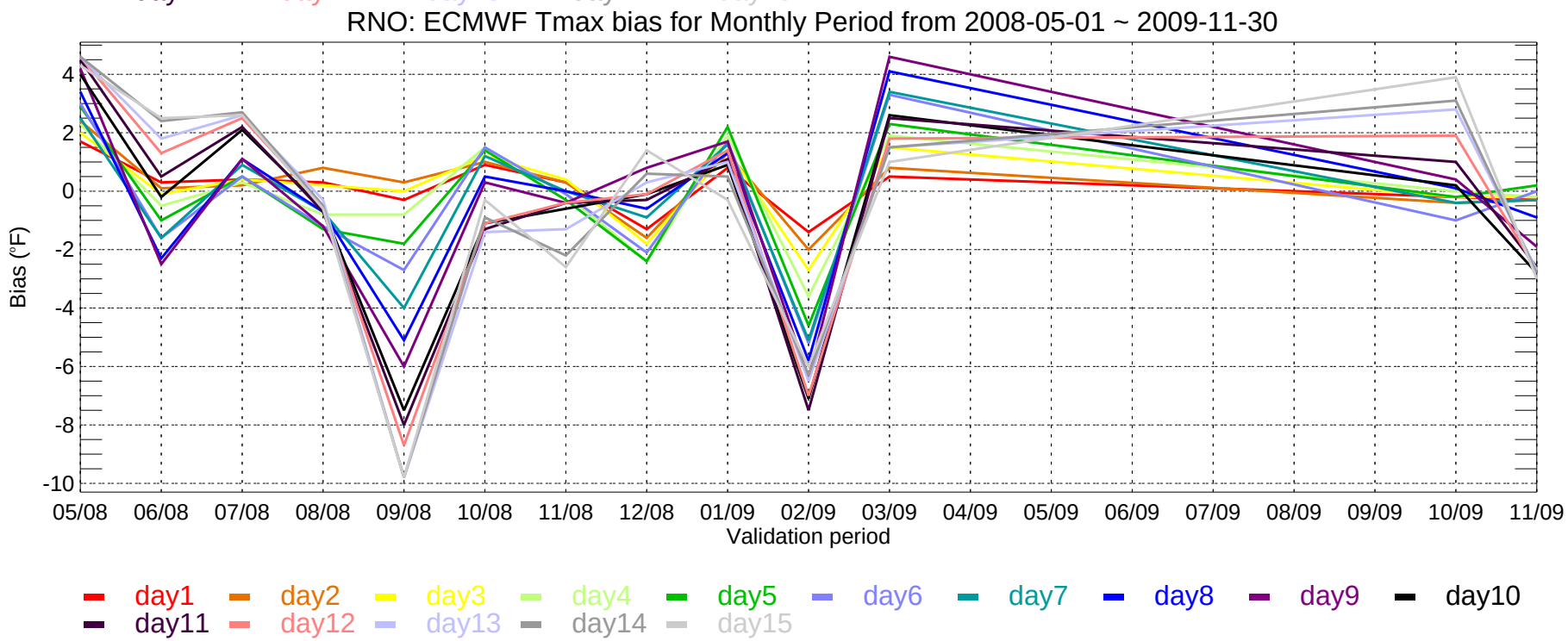
day14
day15


RNO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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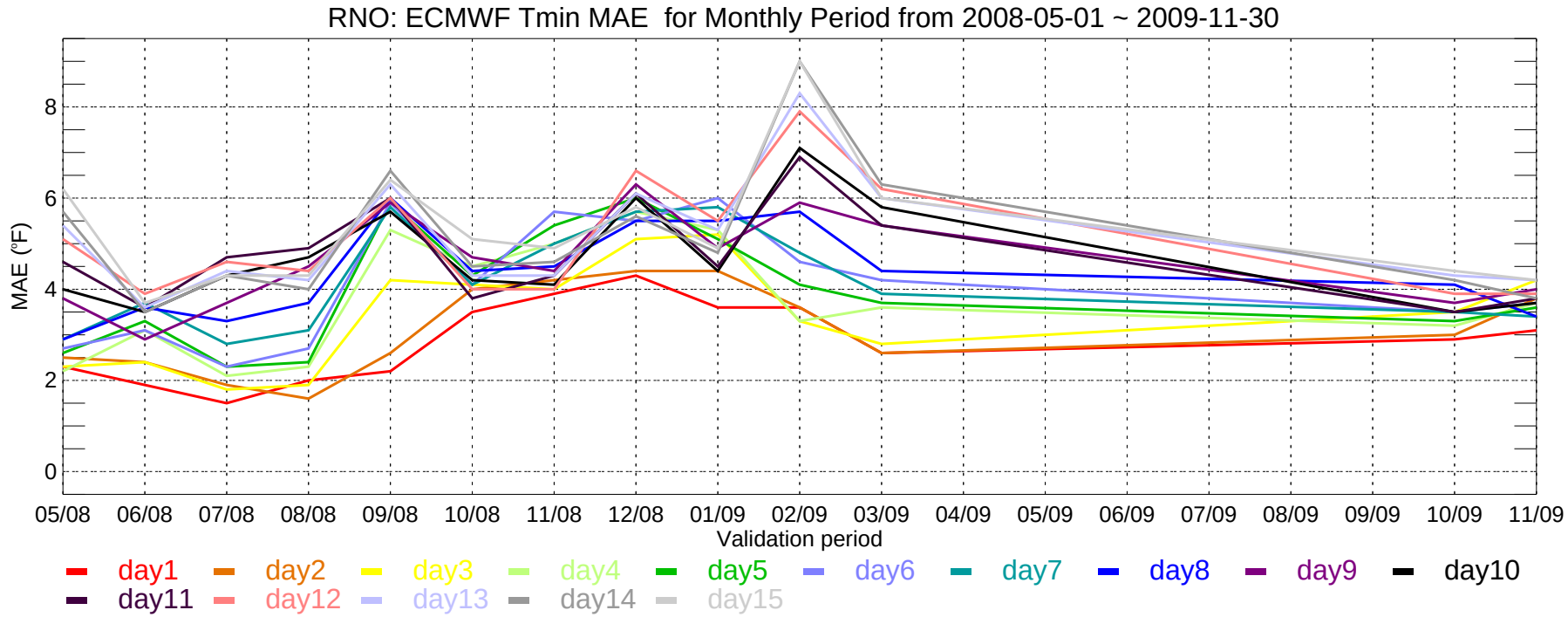
day14
day15


RNO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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07/09
08/09
09/09
10/09
11/09
Validation period
day1
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day3
day4
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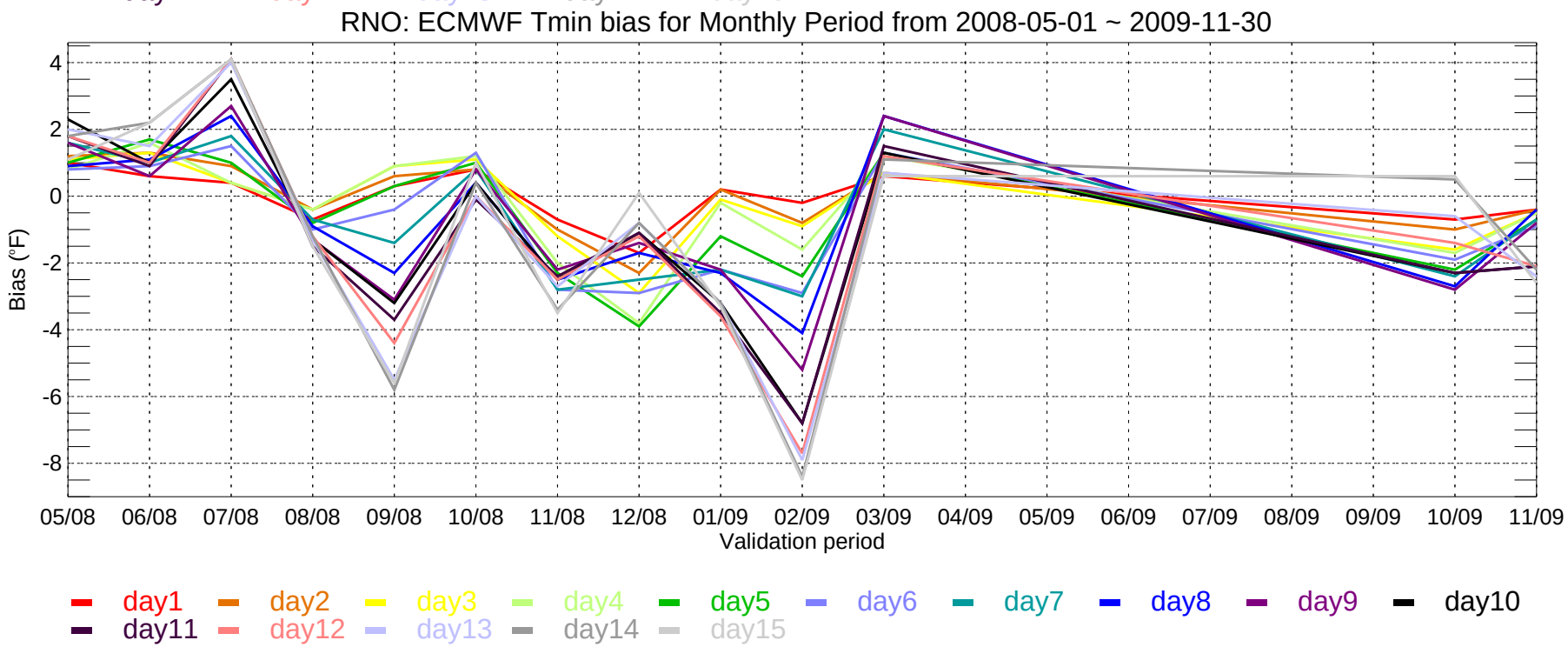
day14
day15


RNO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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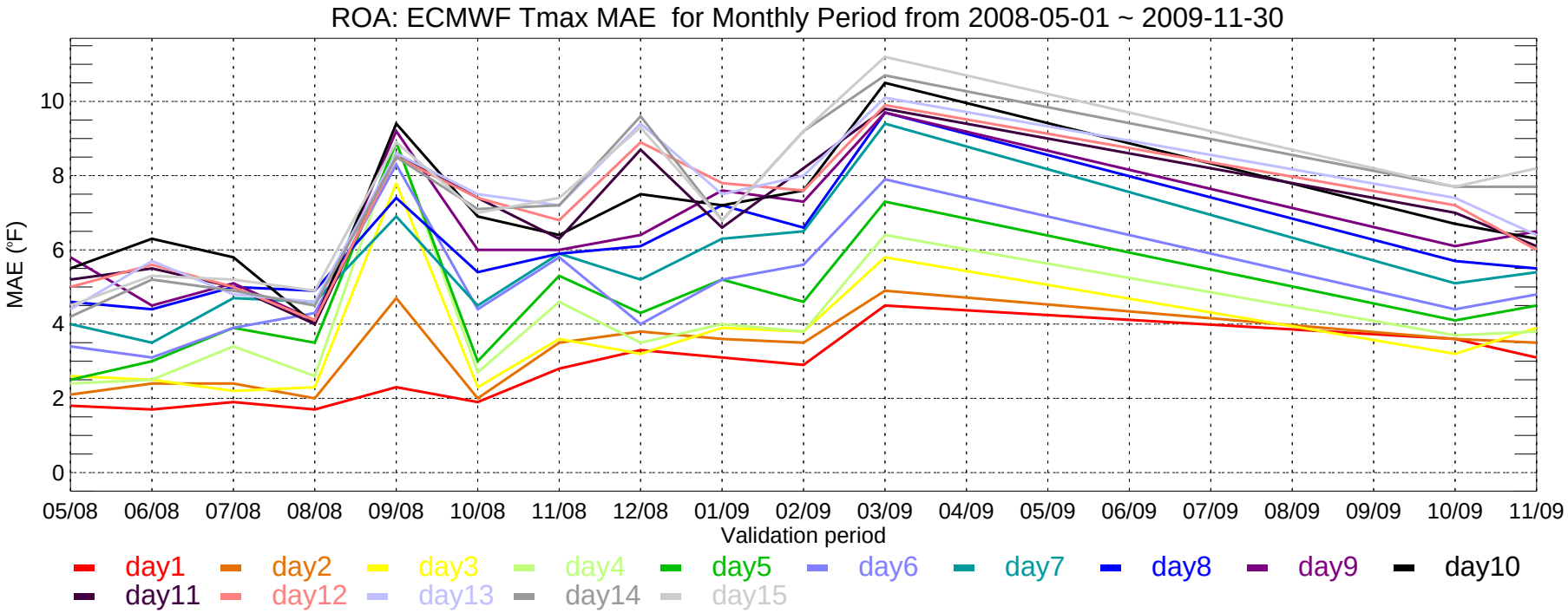
day14
day15


ROA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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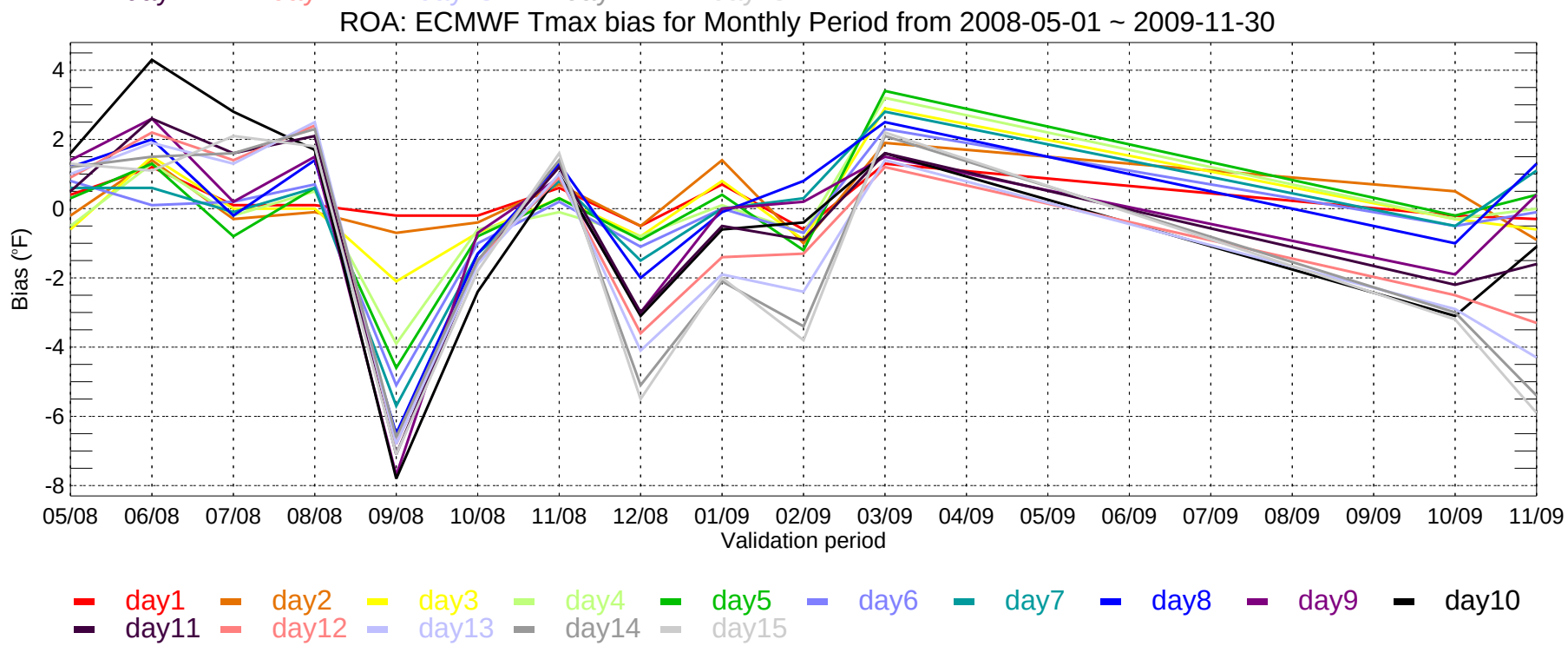
day14
day15


ROA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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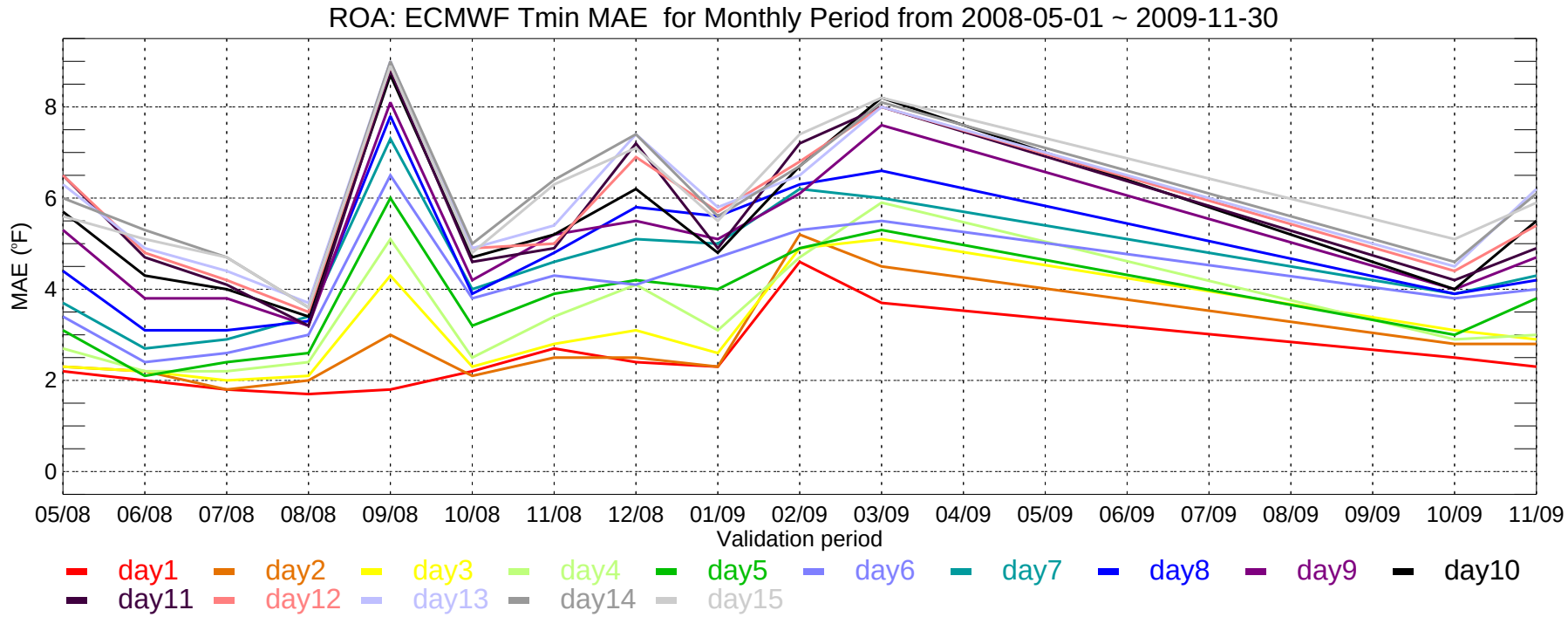
day14
day15


ROA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
day1
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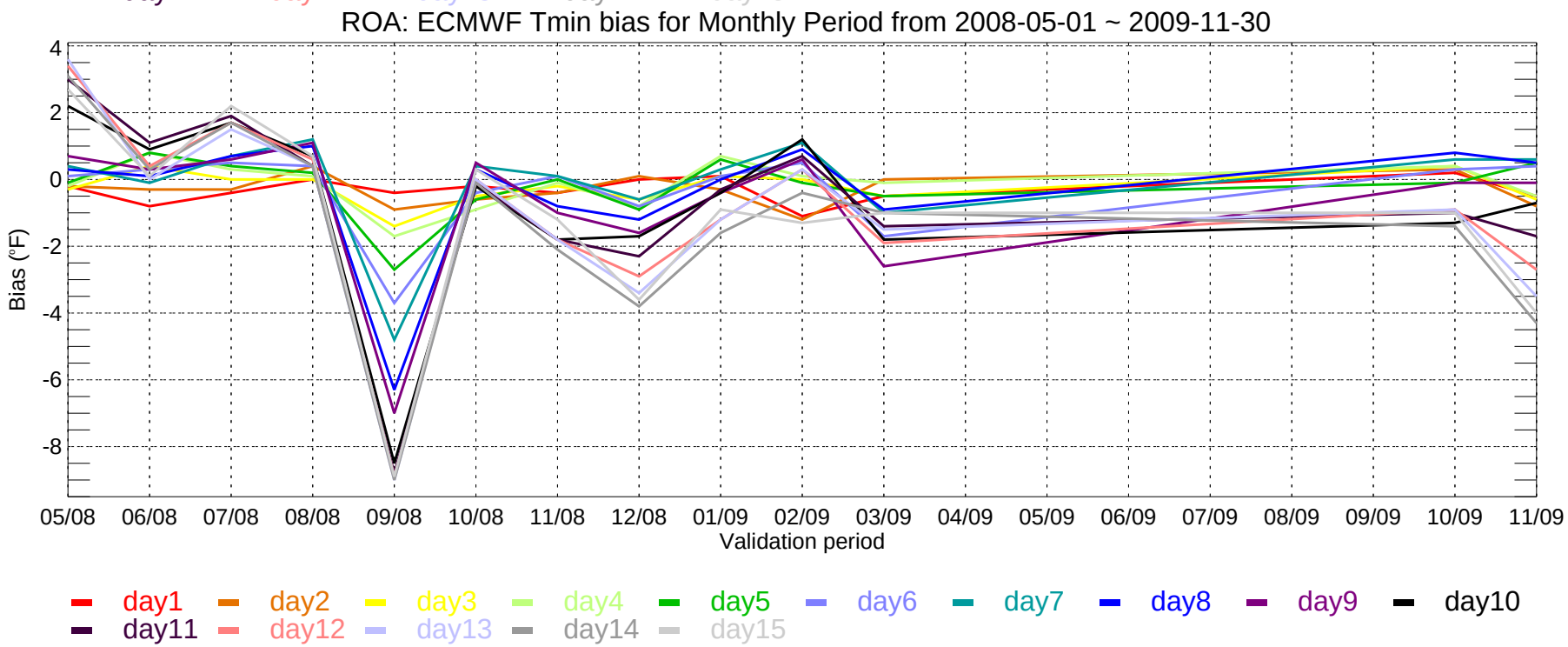
day15


ROA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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Validation period
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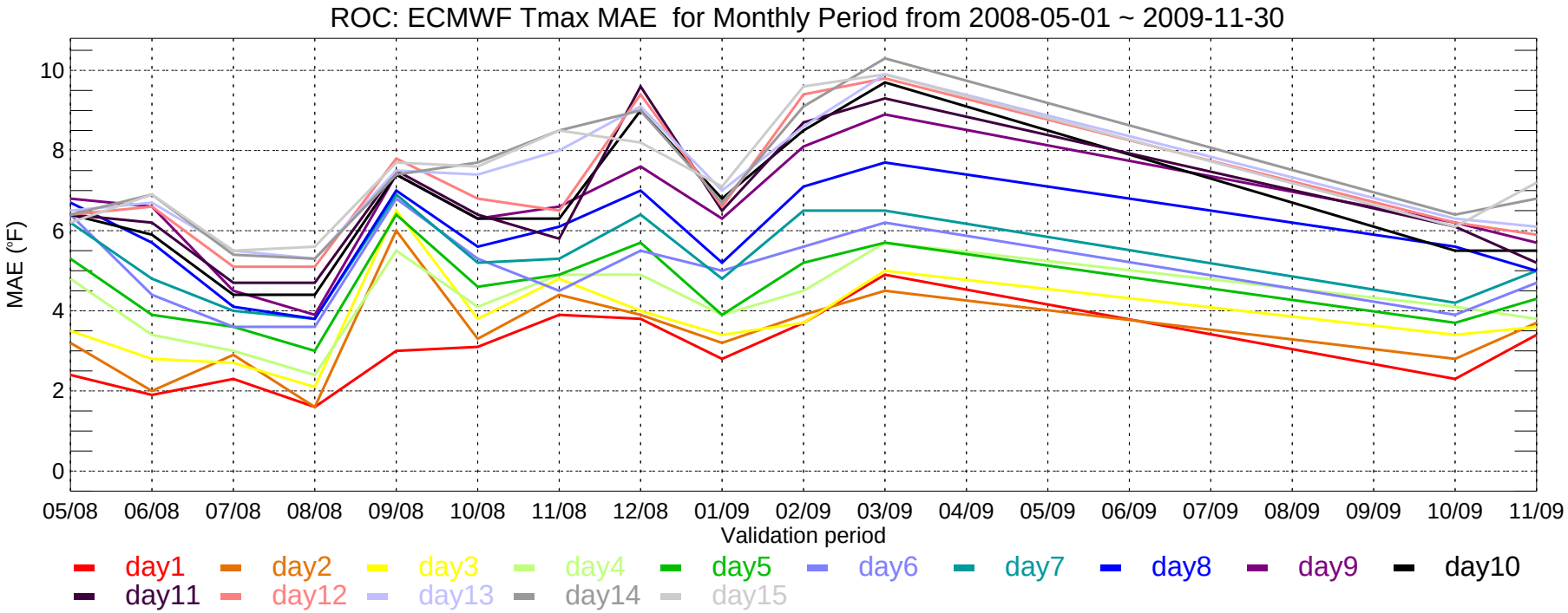
ROC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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05/09
06/09
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09/09
10/09
11/09
Validation period
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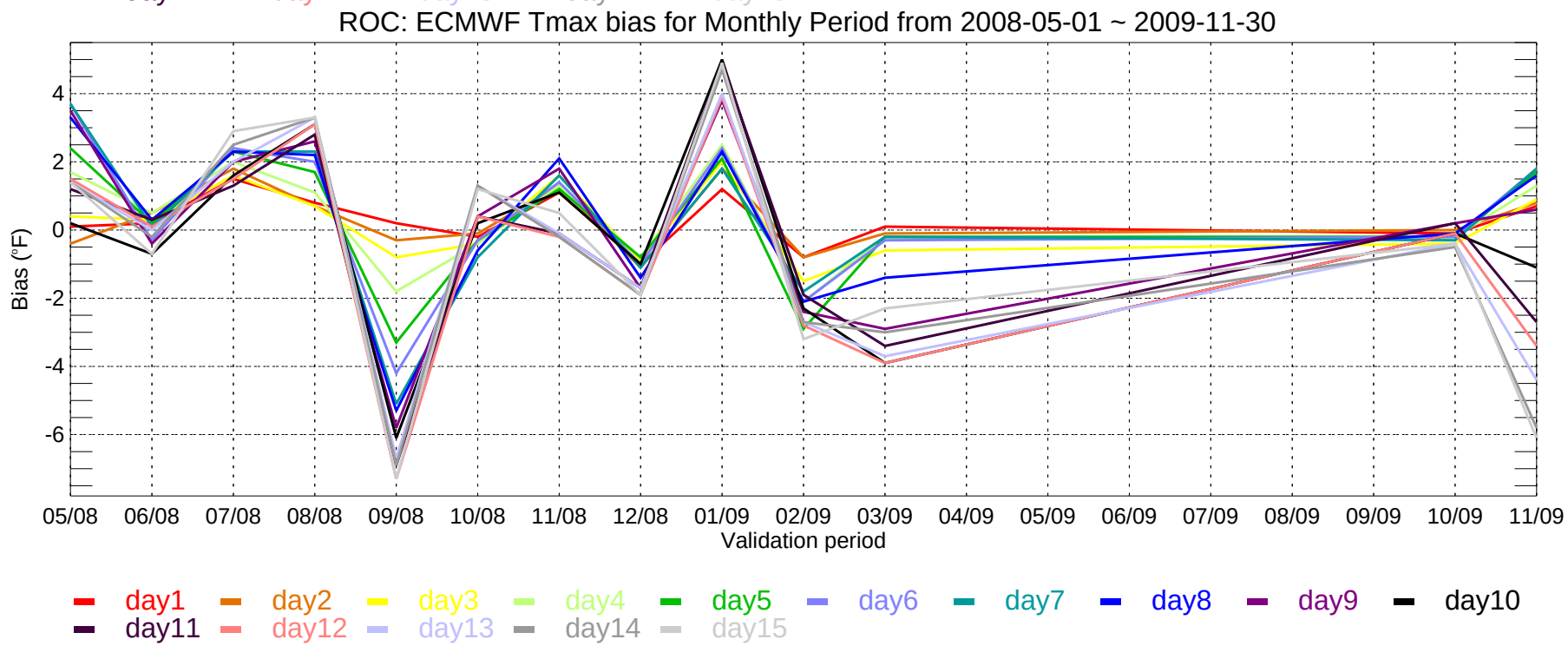
day15


ROC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
11/09
Validation period
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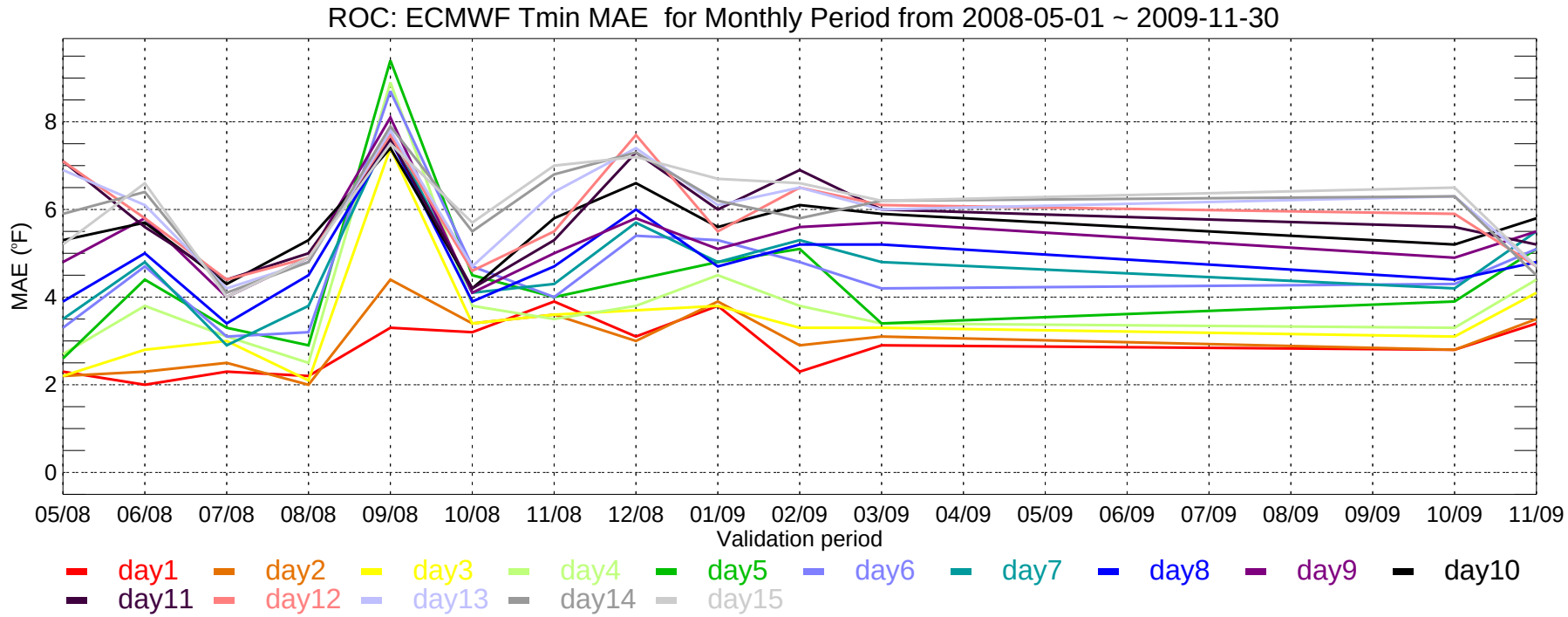
day15


ROC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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11/09
Validation period
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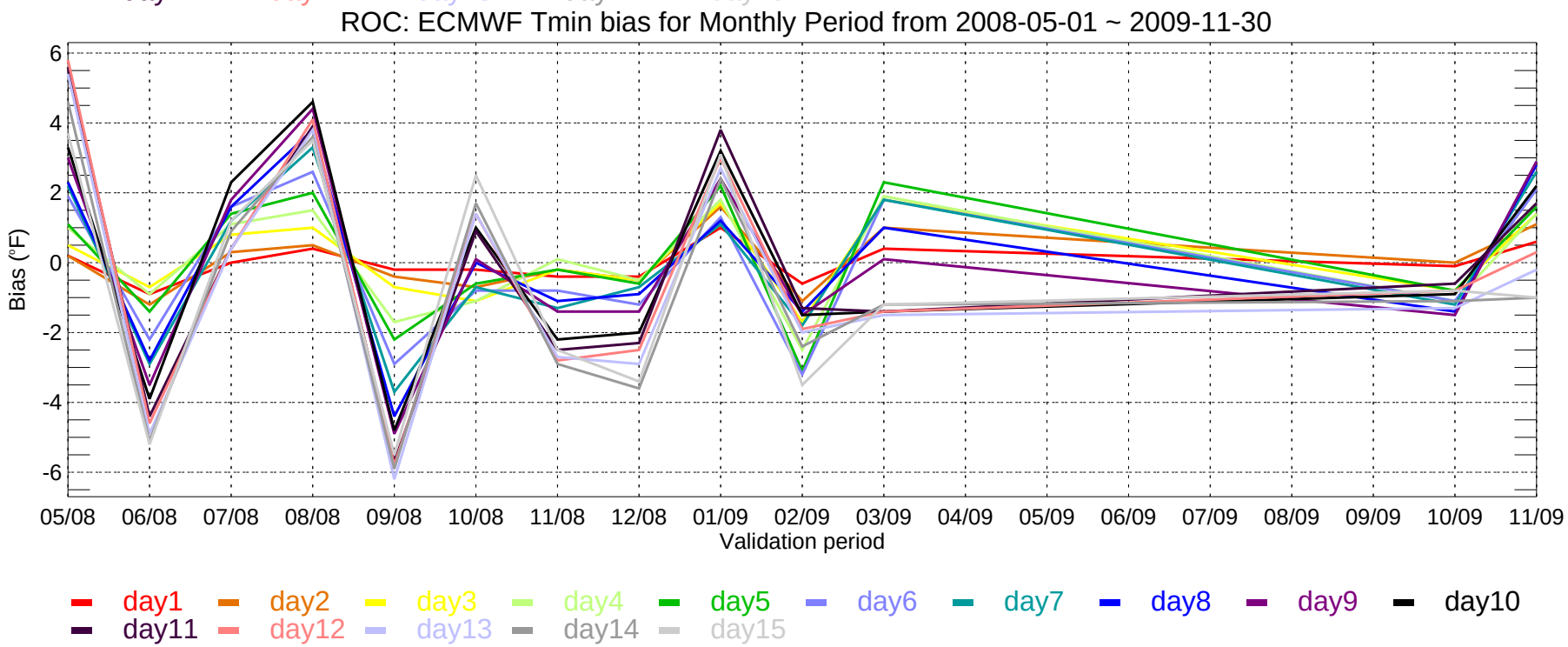
day15


ROC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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10/09
11/09
Validation period
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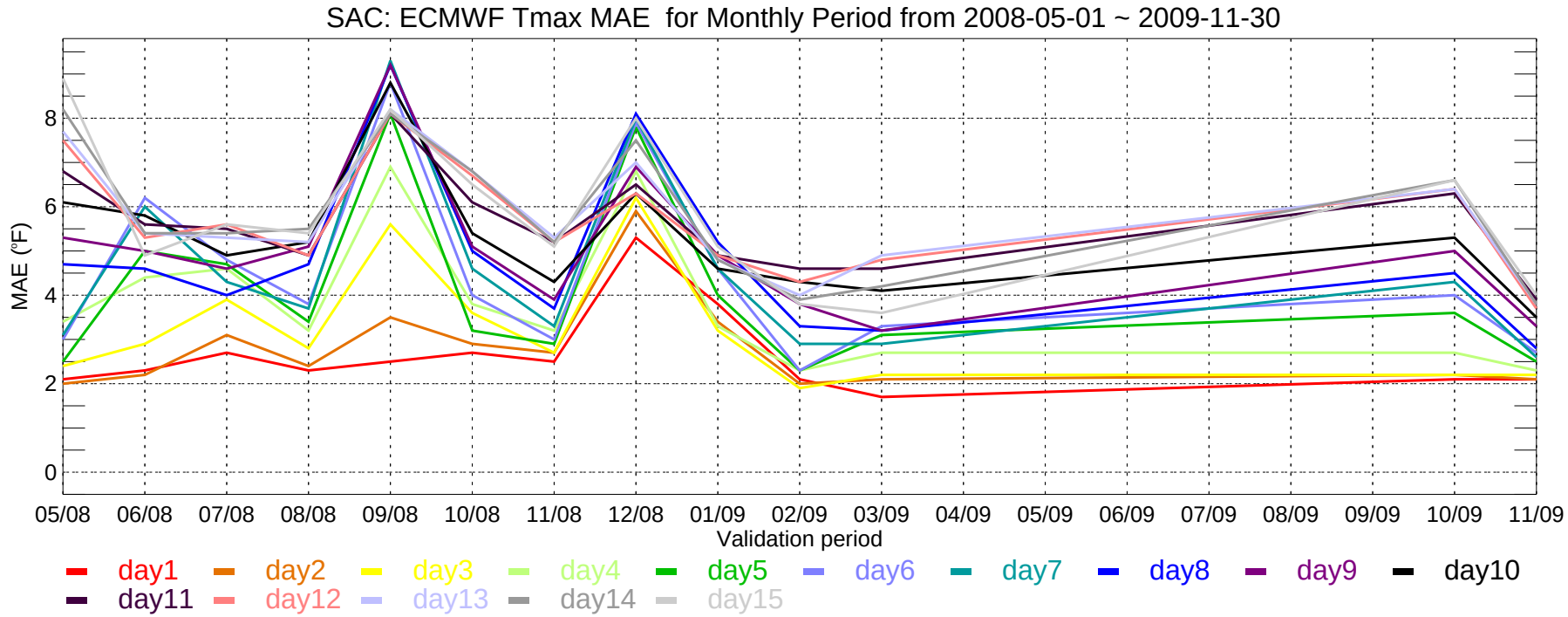
SAC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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09/09
10/09
11/09
Validation period
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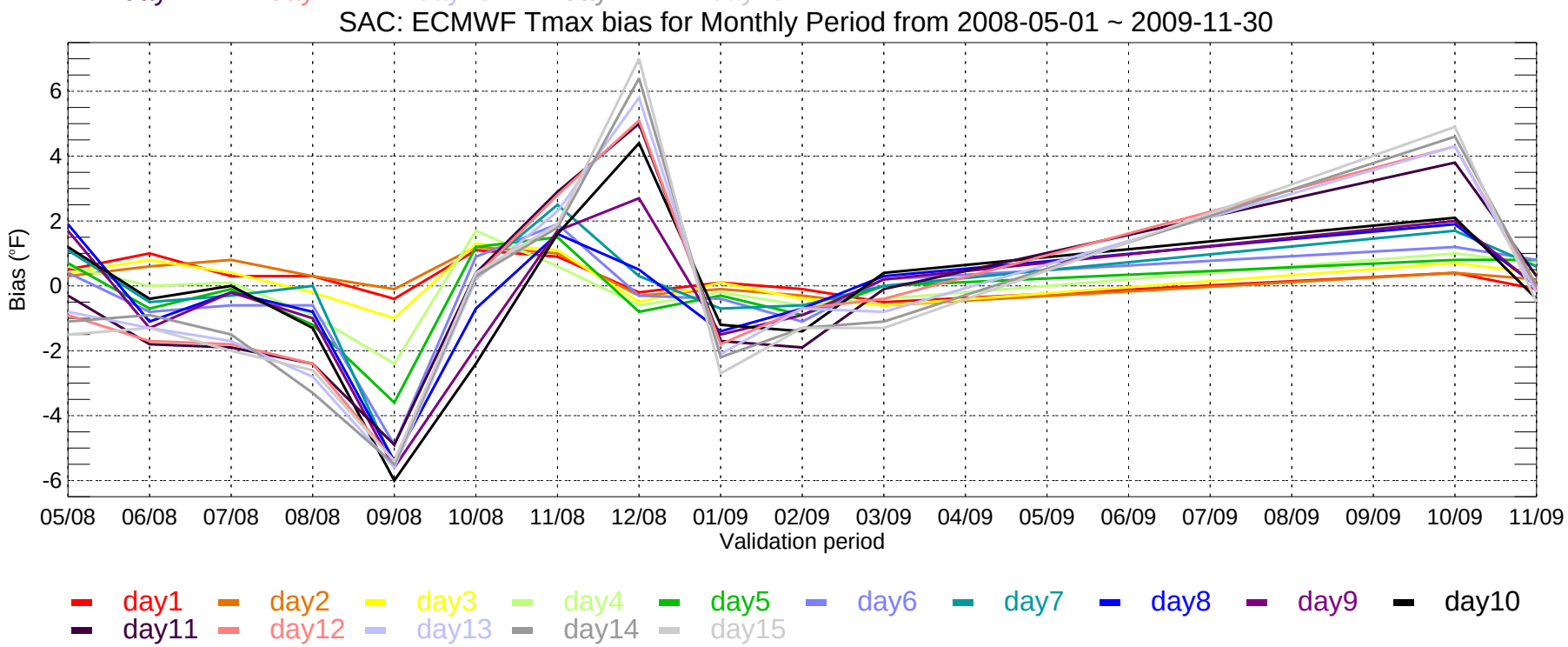
day14
day15


SAC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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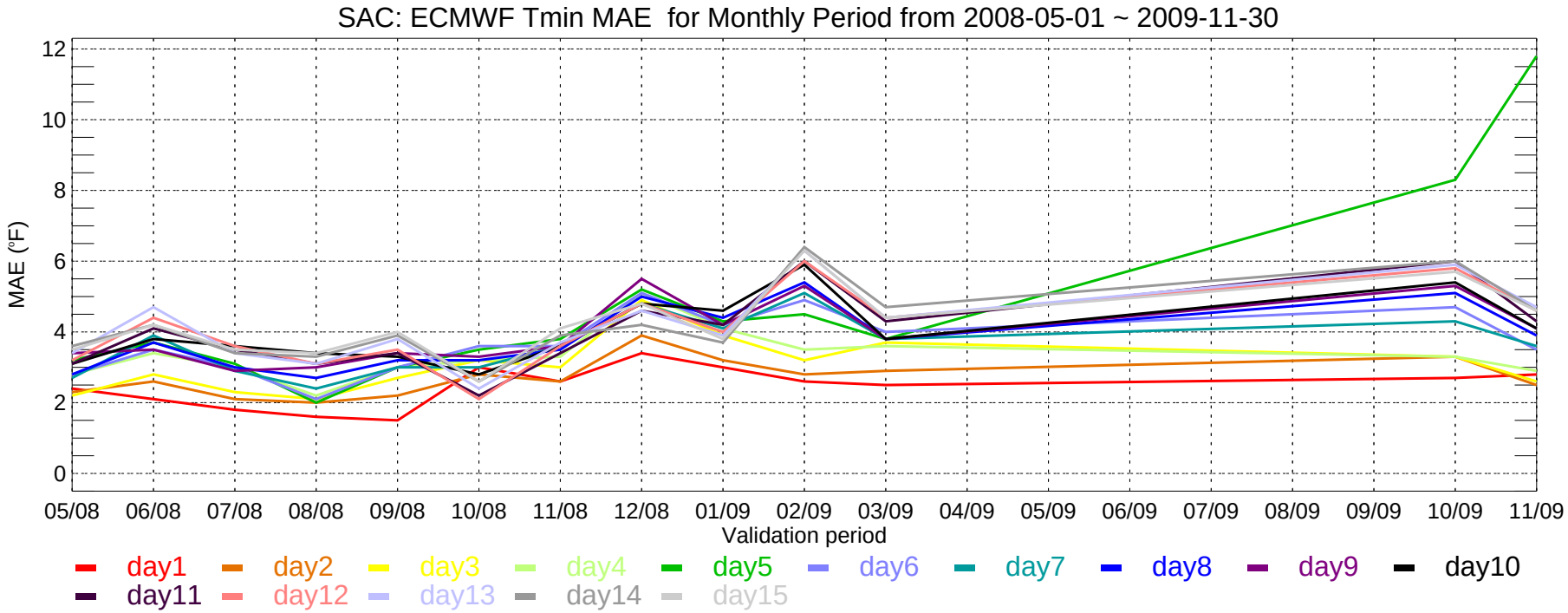
day14
day15


SAC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day11
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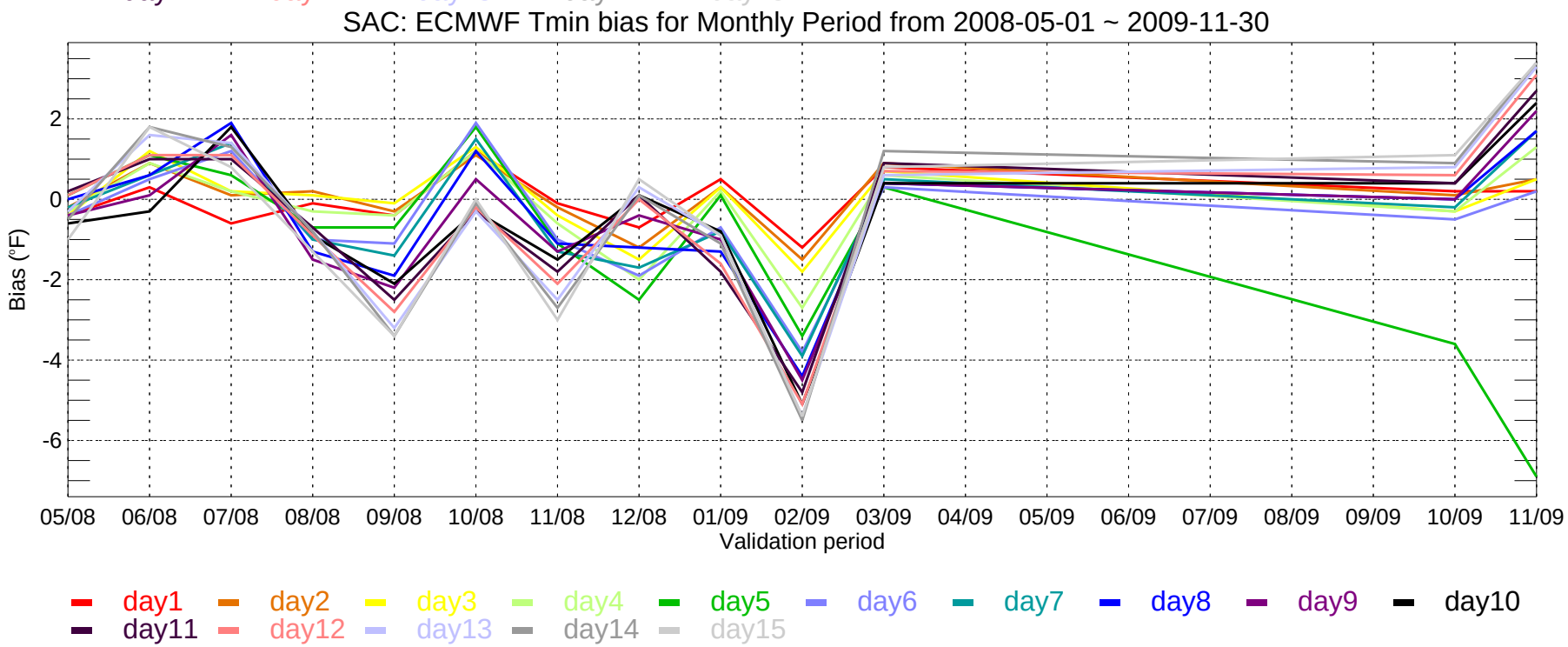
day13
day14
day15


SAC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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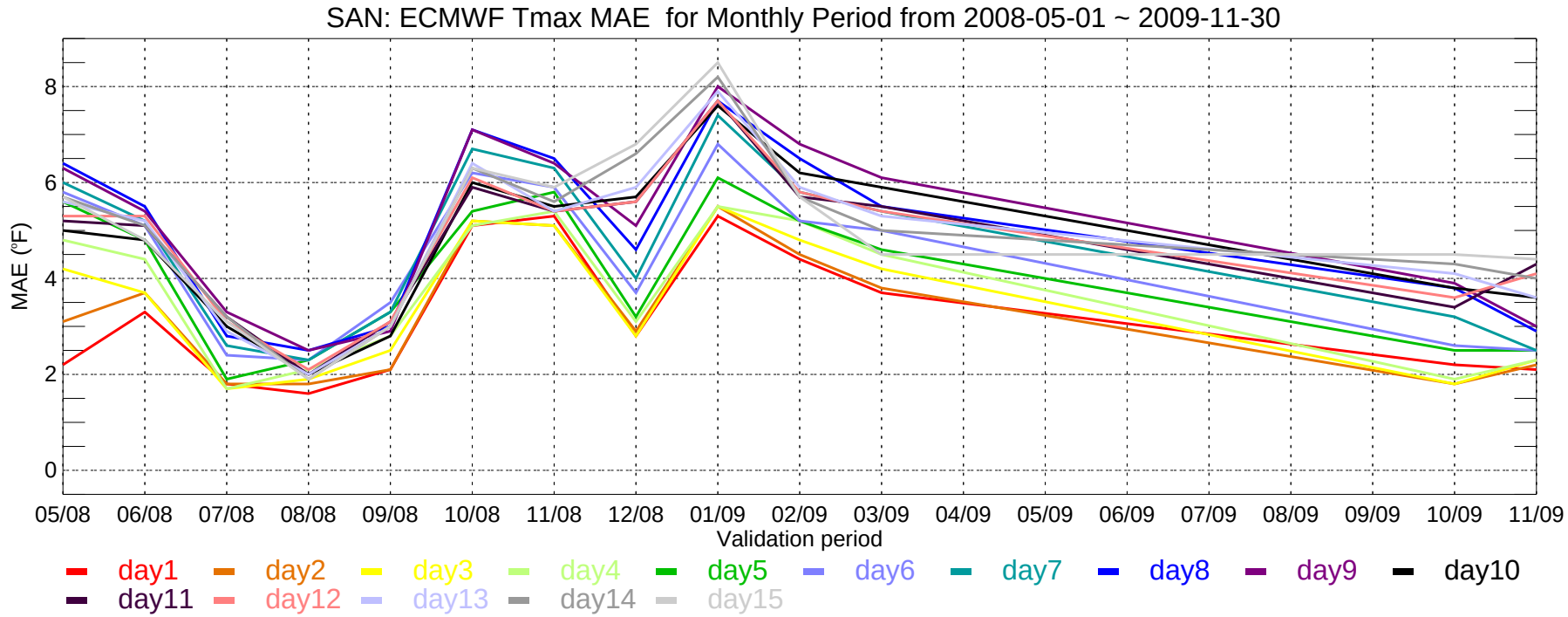
day13
day14
day15


SAN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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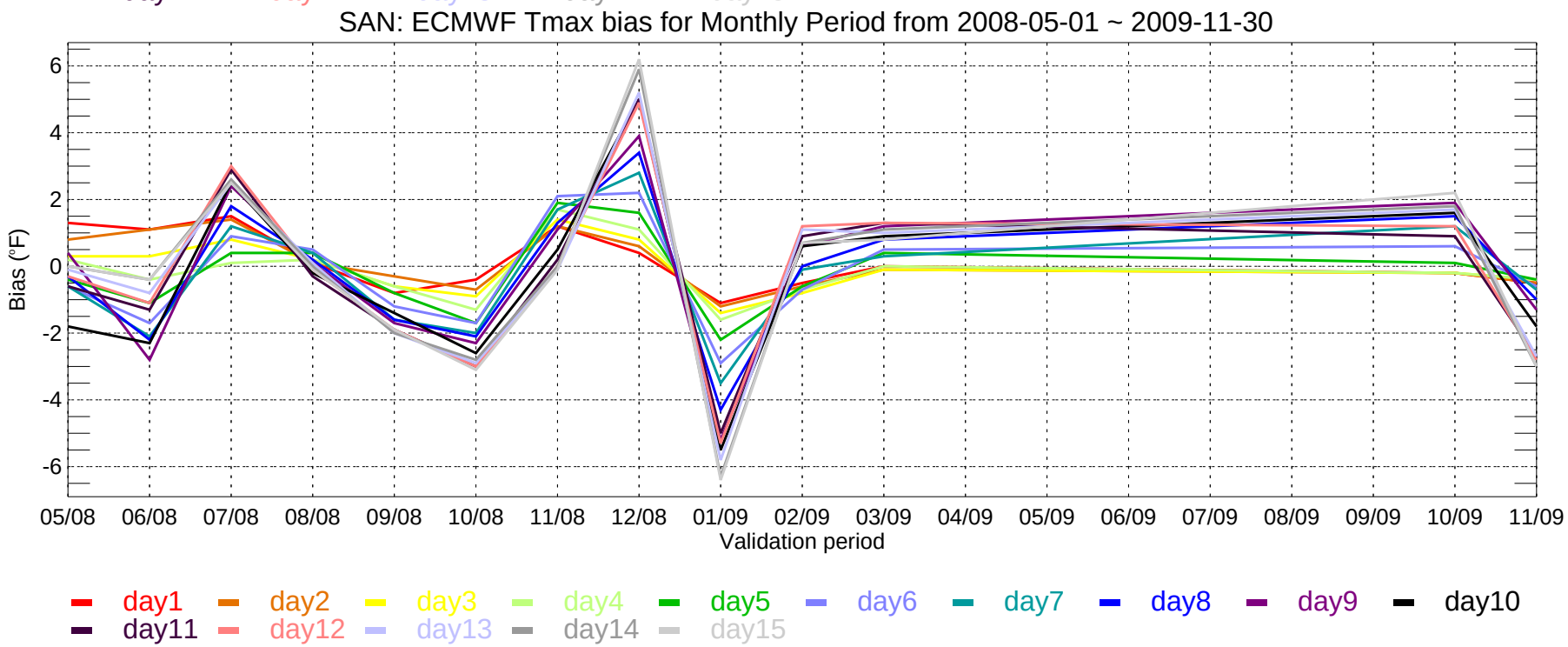
day14
day15


SAN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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04/09
05/09
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07/09
08/09
09/09
10/09
11/09
Validation period
day1
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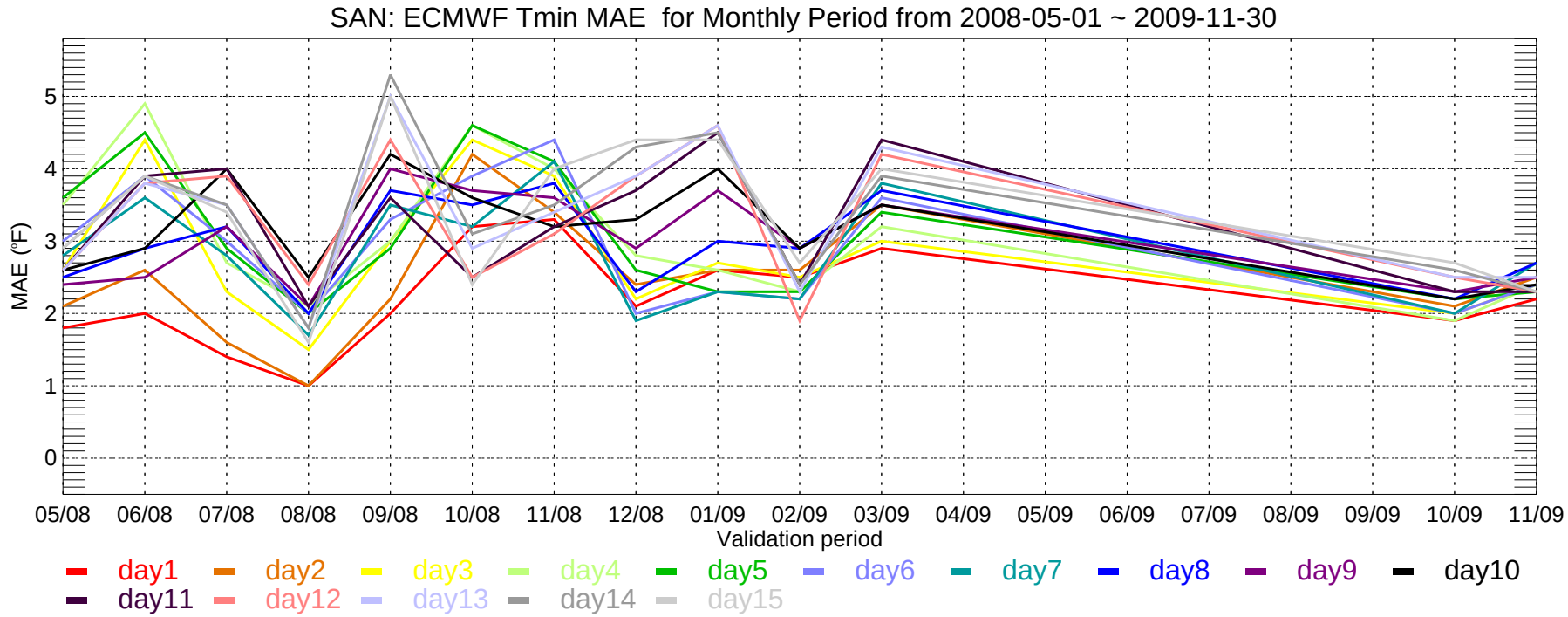
day15


SAN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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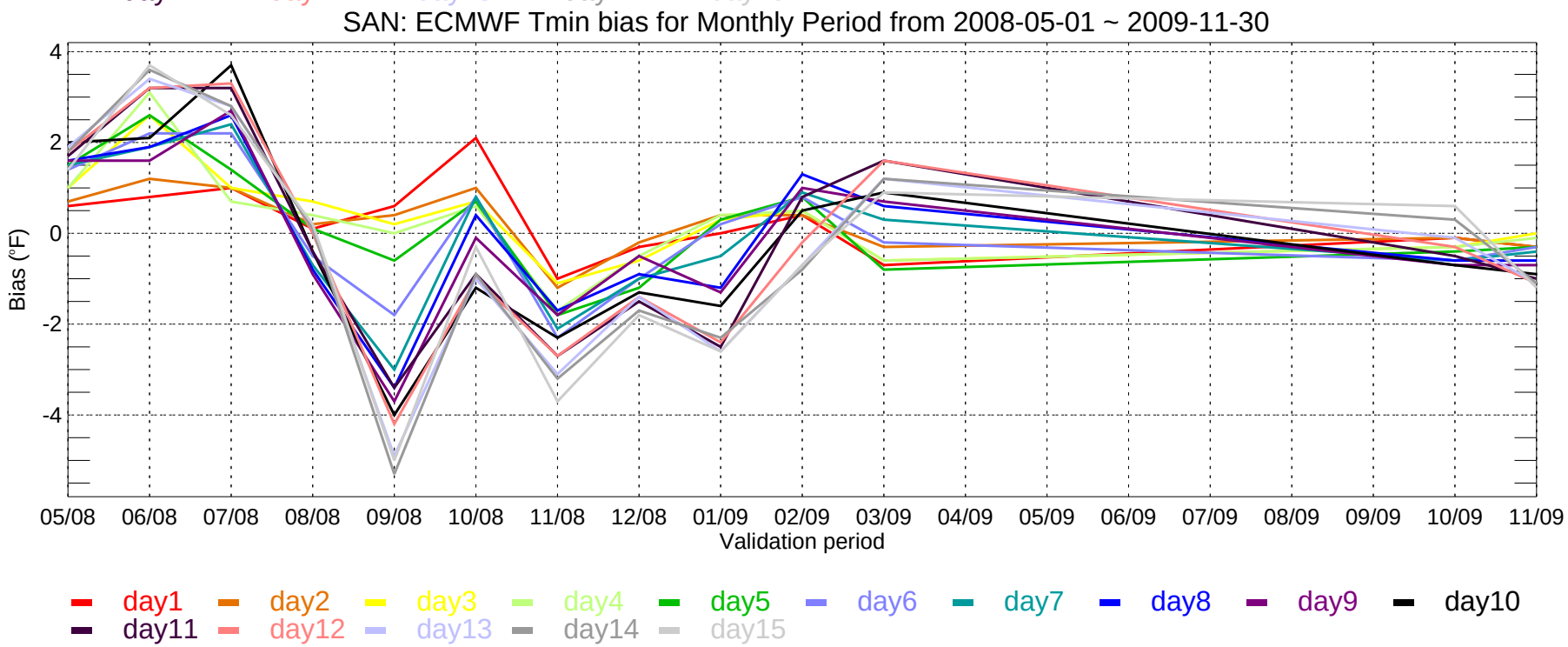
day14
day15


SAN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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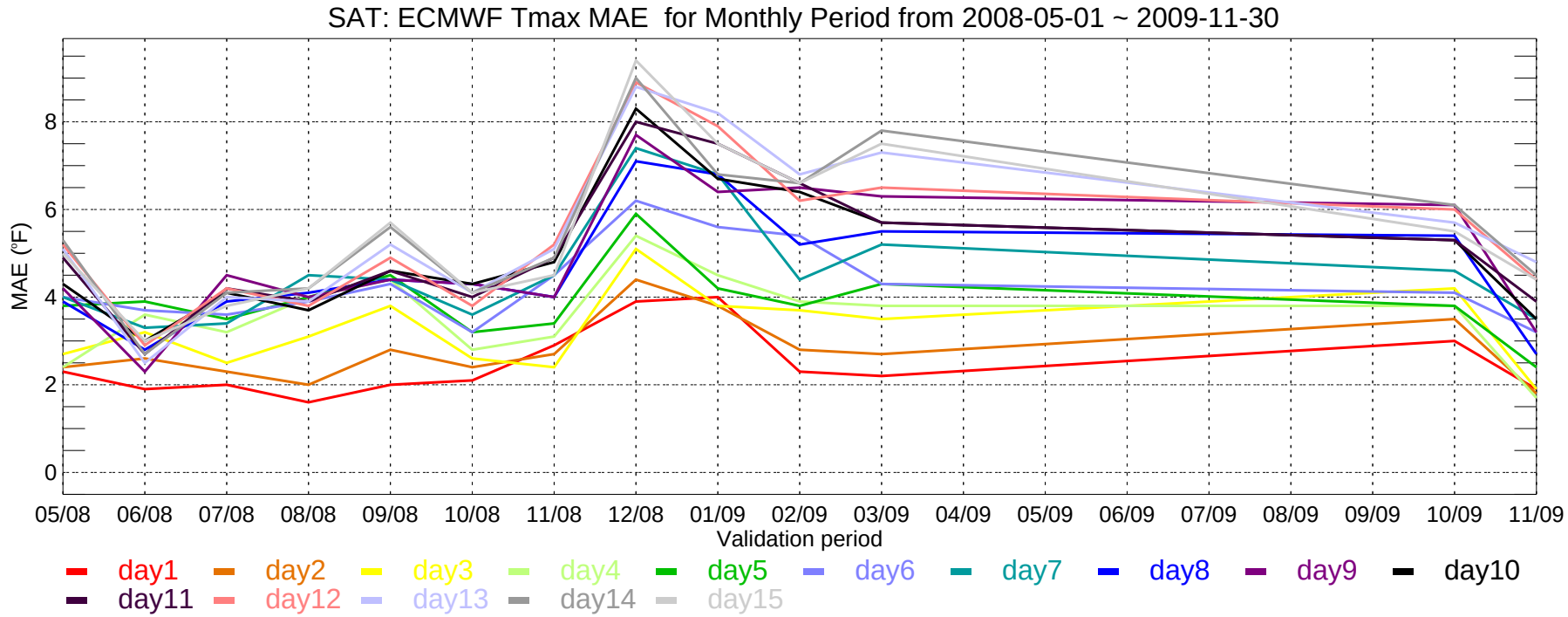
day15


SAT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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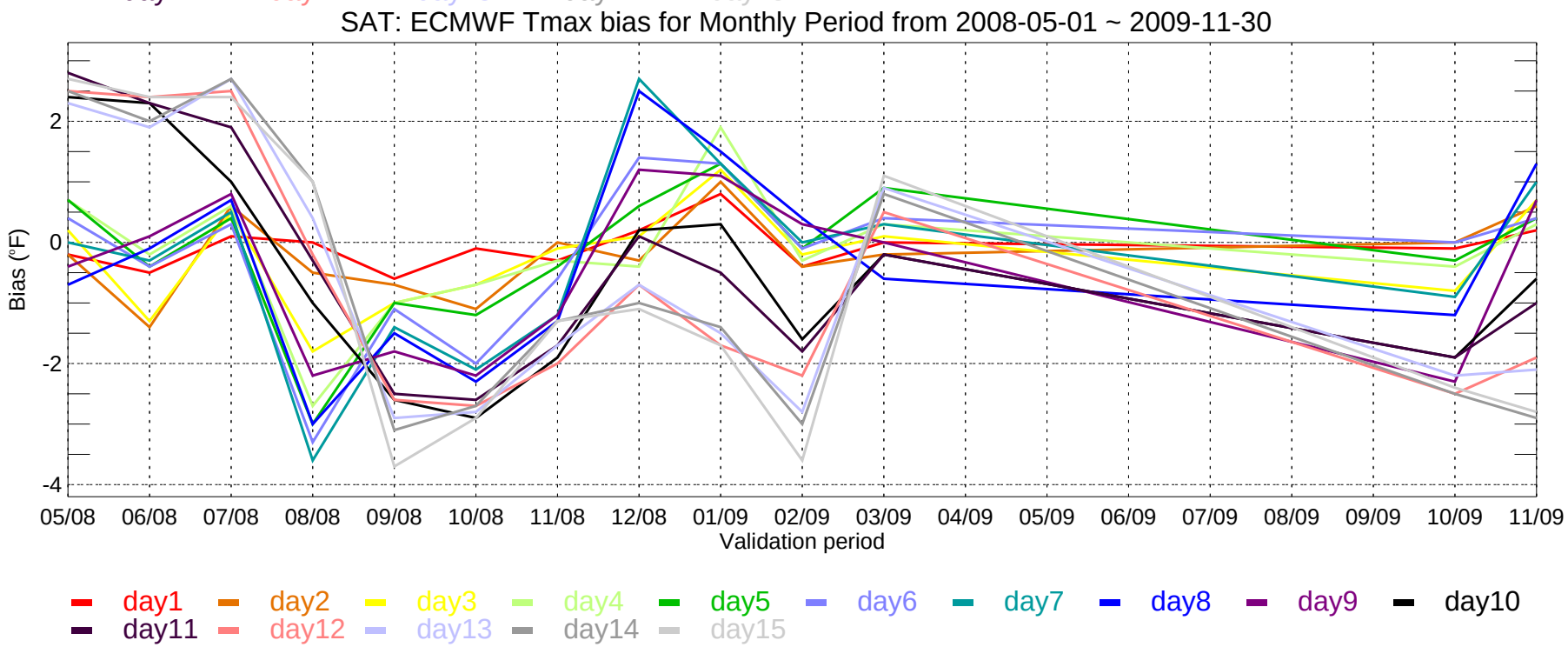
day14
day15


SAT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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day4
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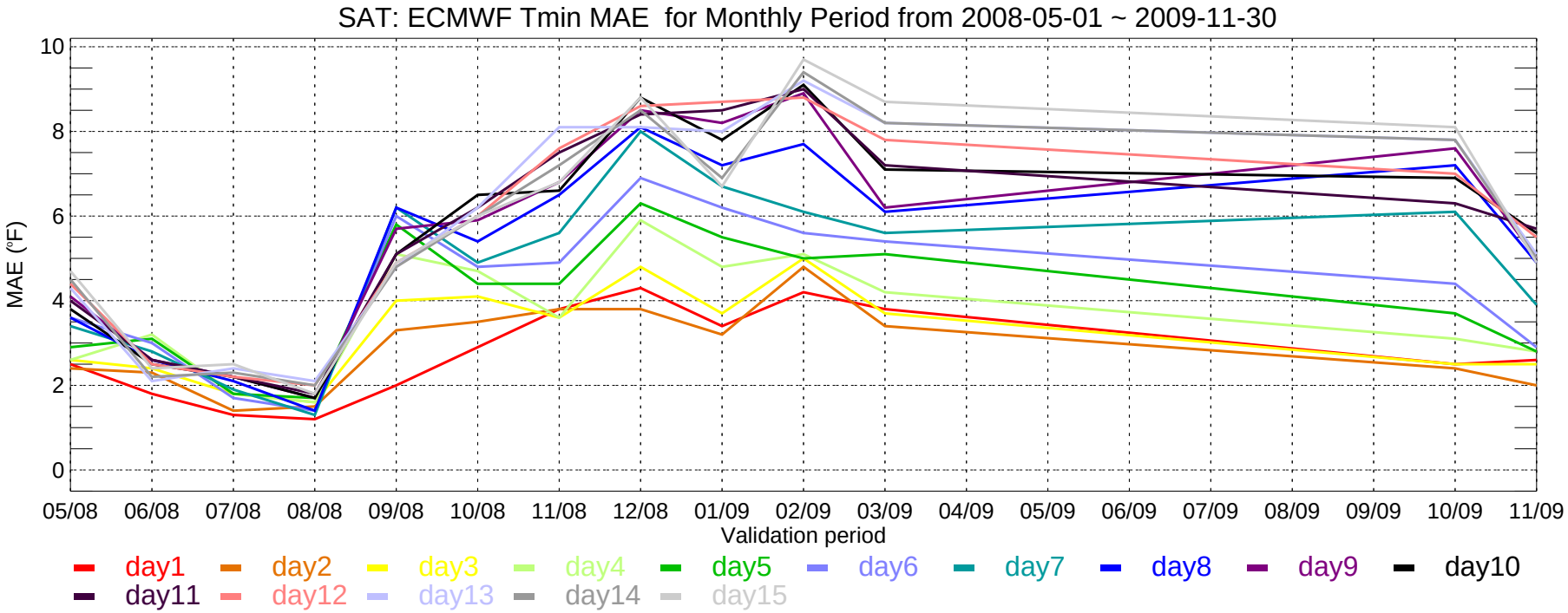
day14
day15


SAT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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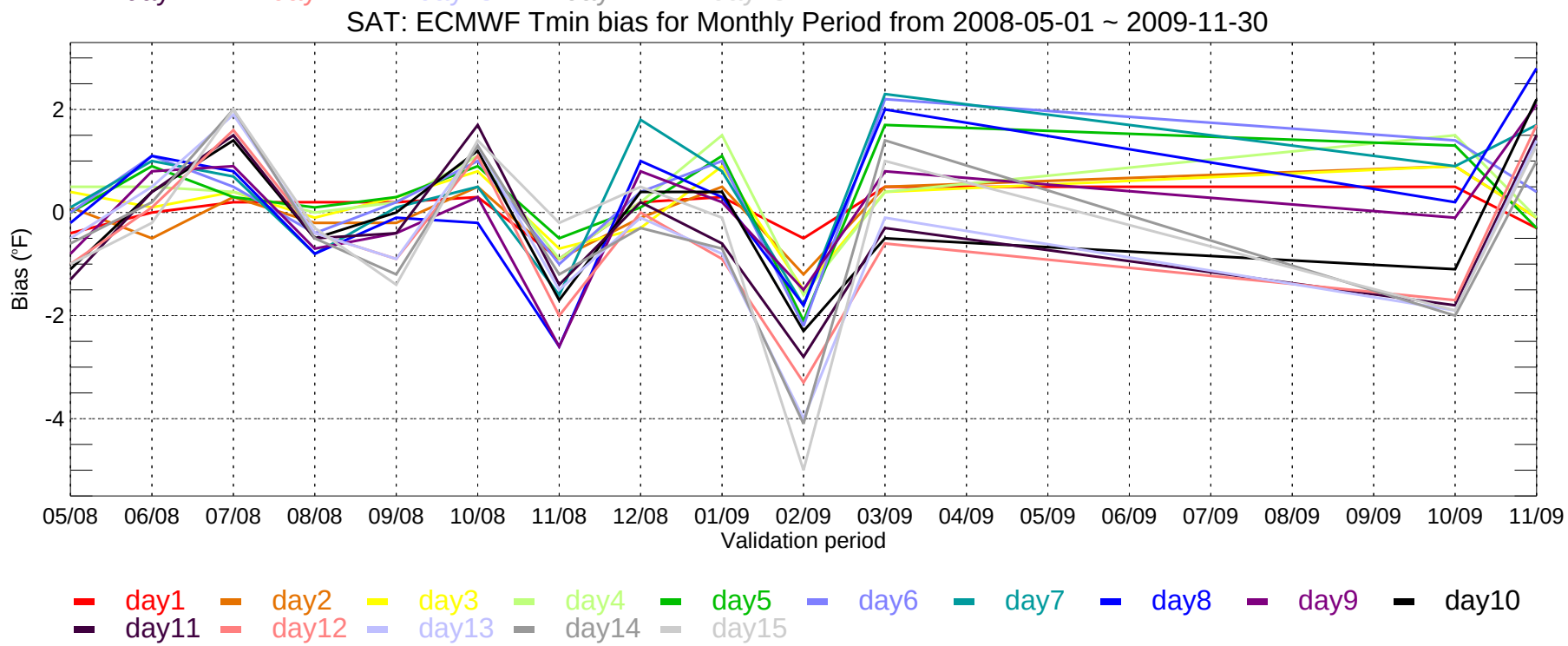
day13
day14
day15


SAT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day4
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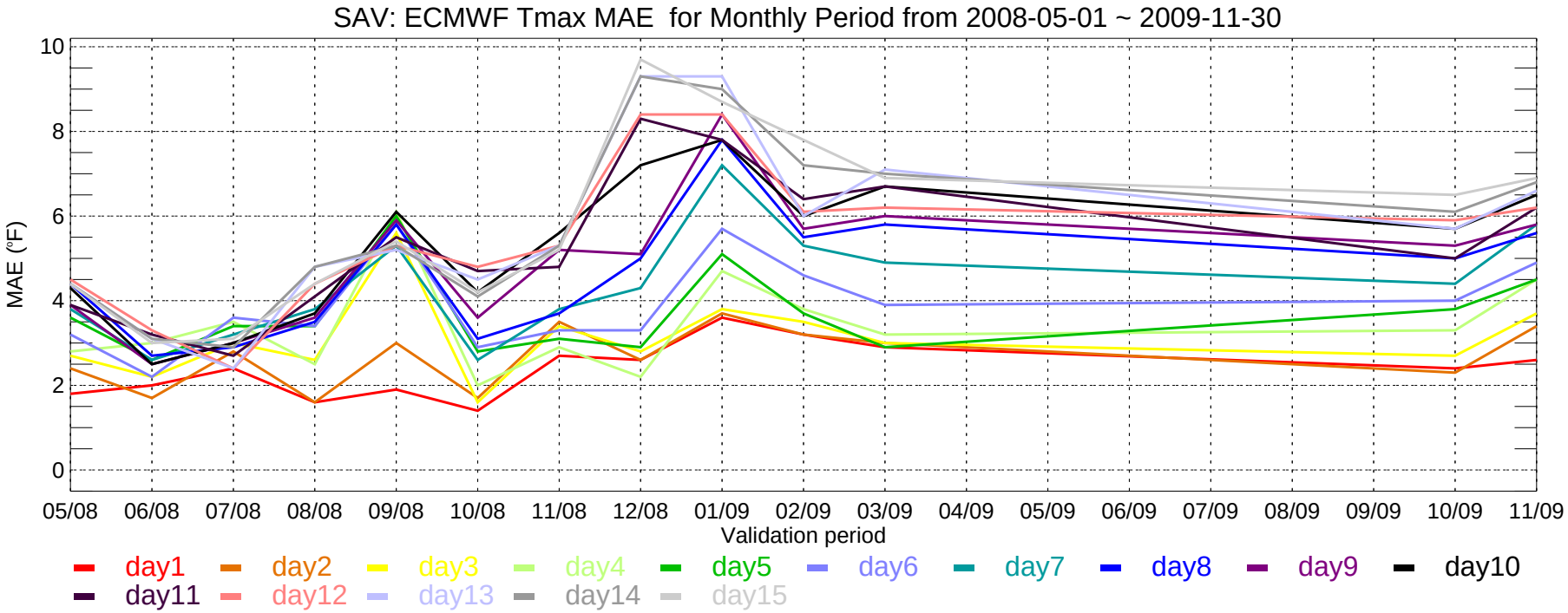
day15


SAV: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
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day10
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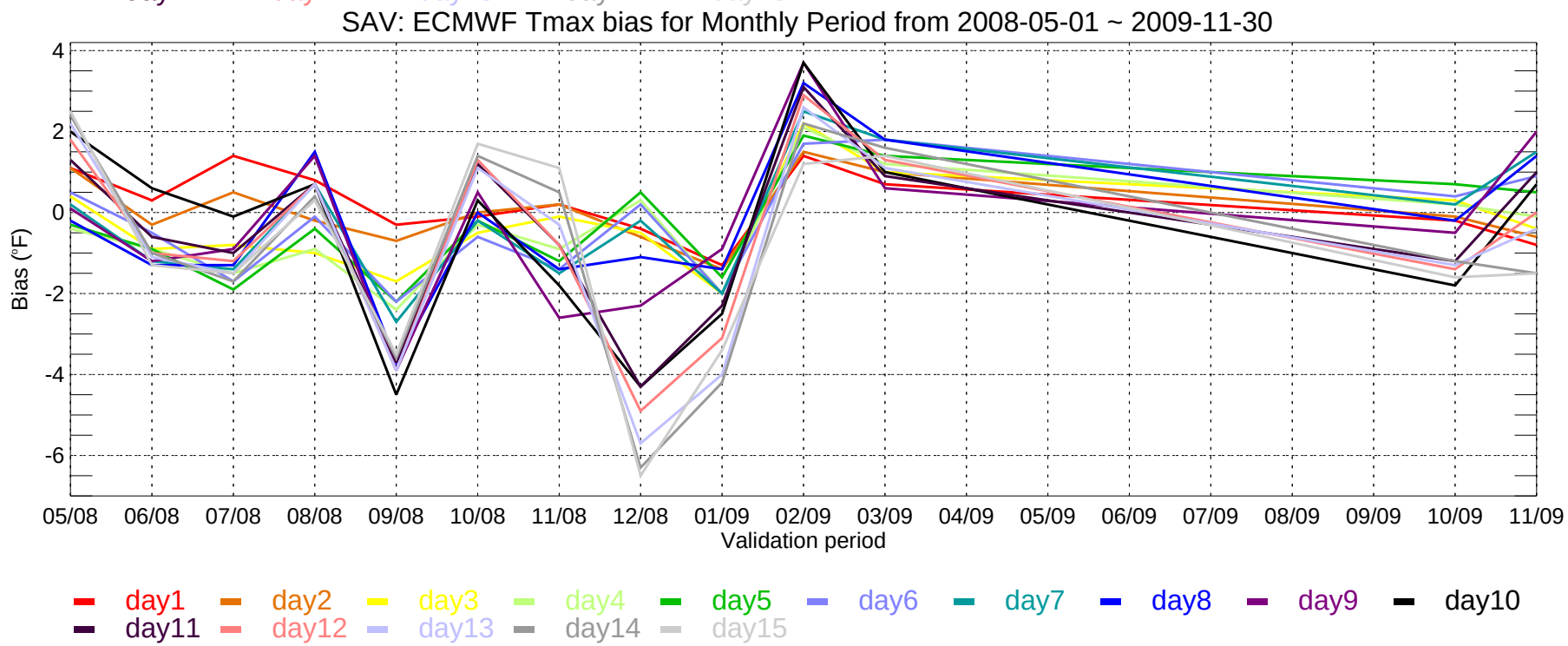
day14
day15


SAV: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
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day4
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day7
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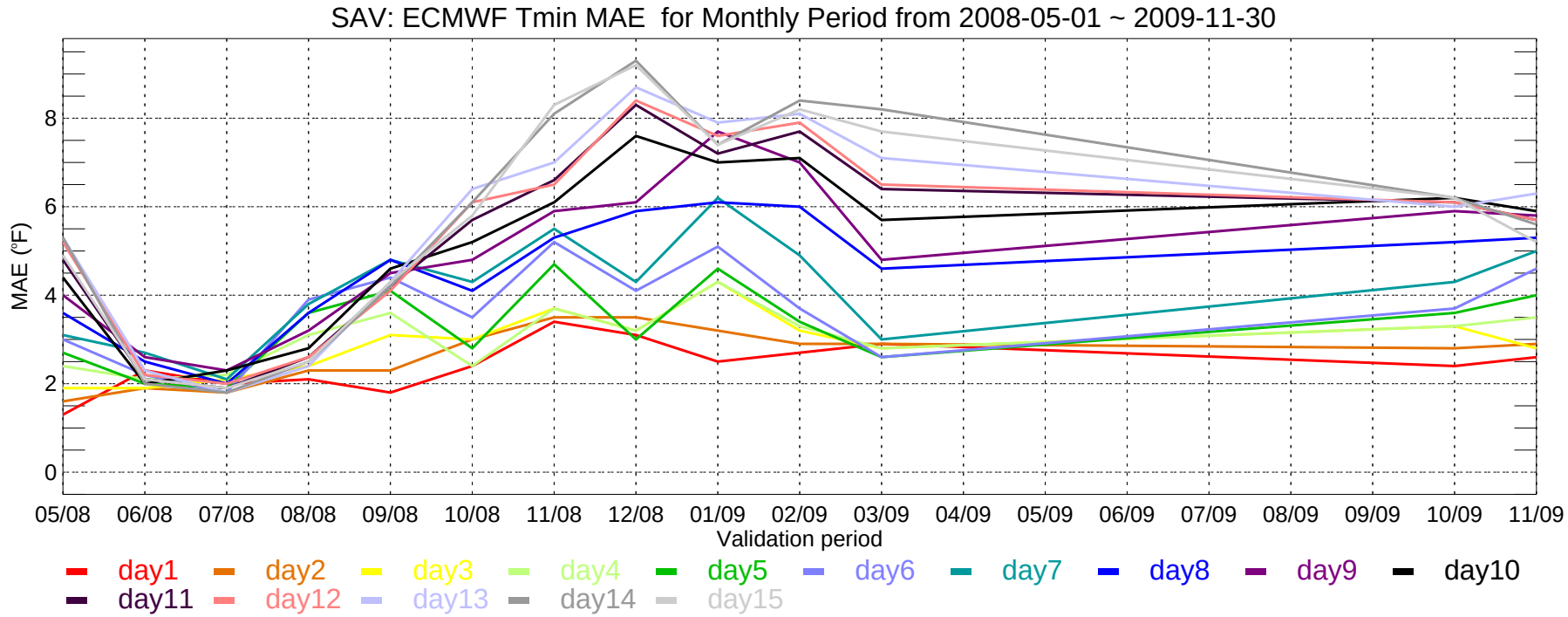
day13
day14
day15


SAV: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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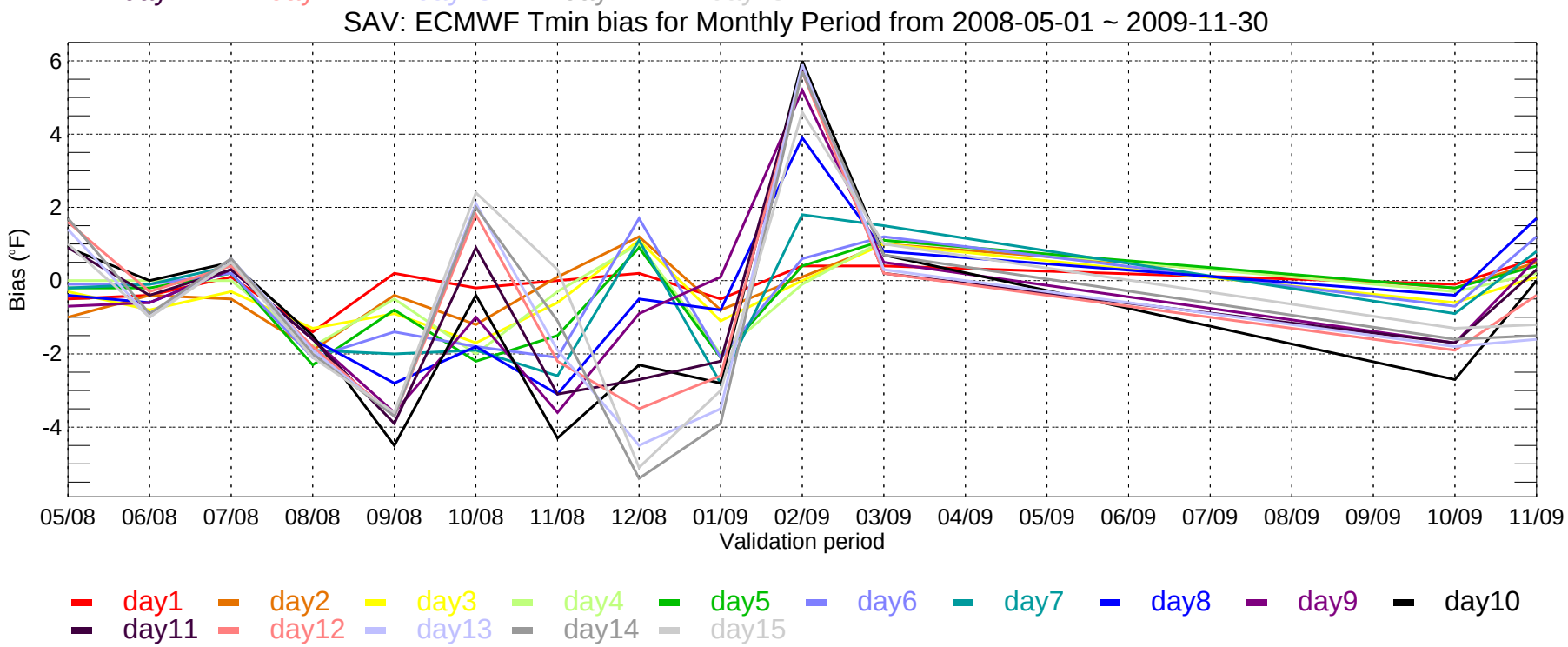
day13
day14
day15


SAV: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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04/09
05/09
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11/09
Validation period
day1
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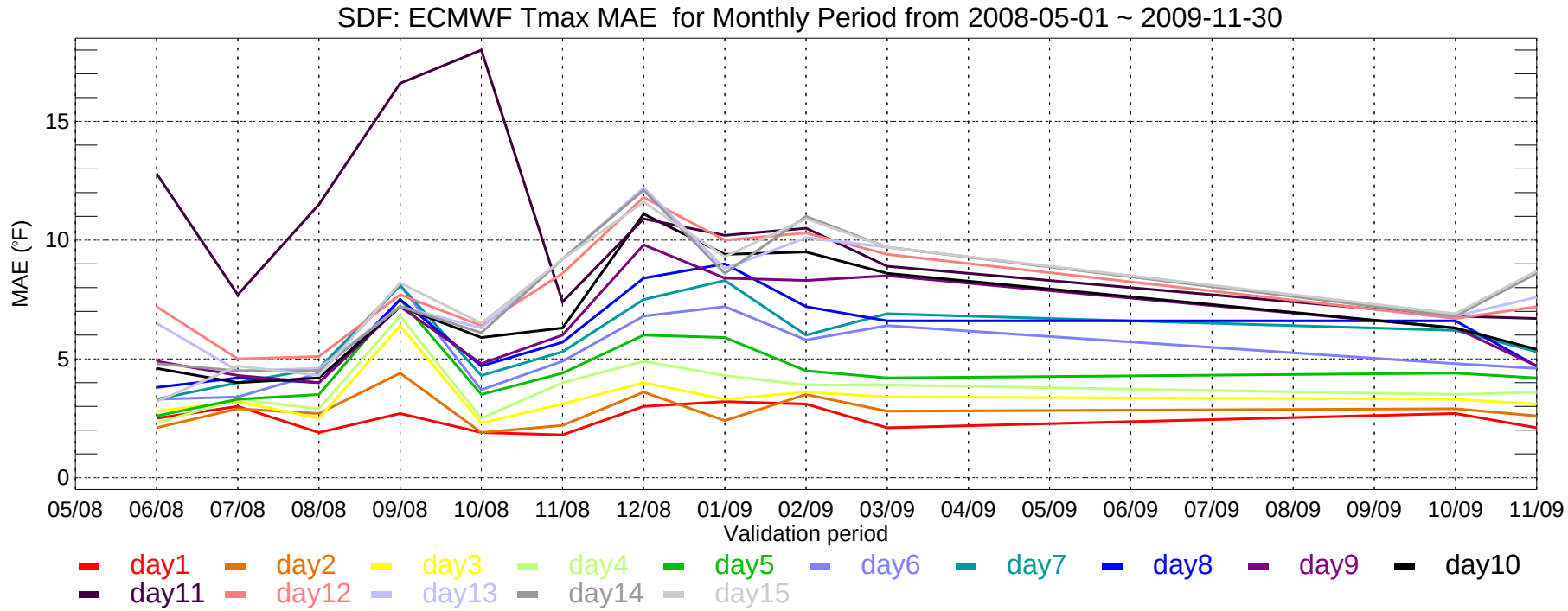
day15


SDF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
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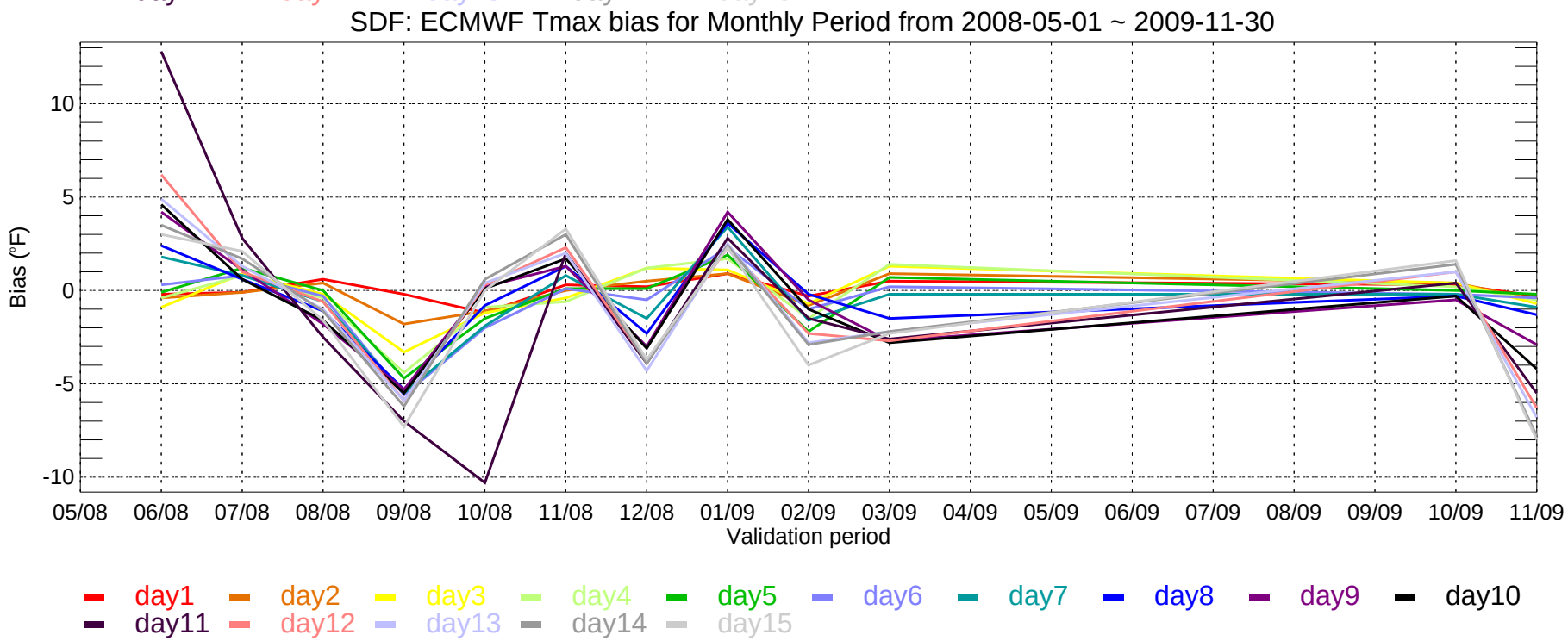
day15


SDF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
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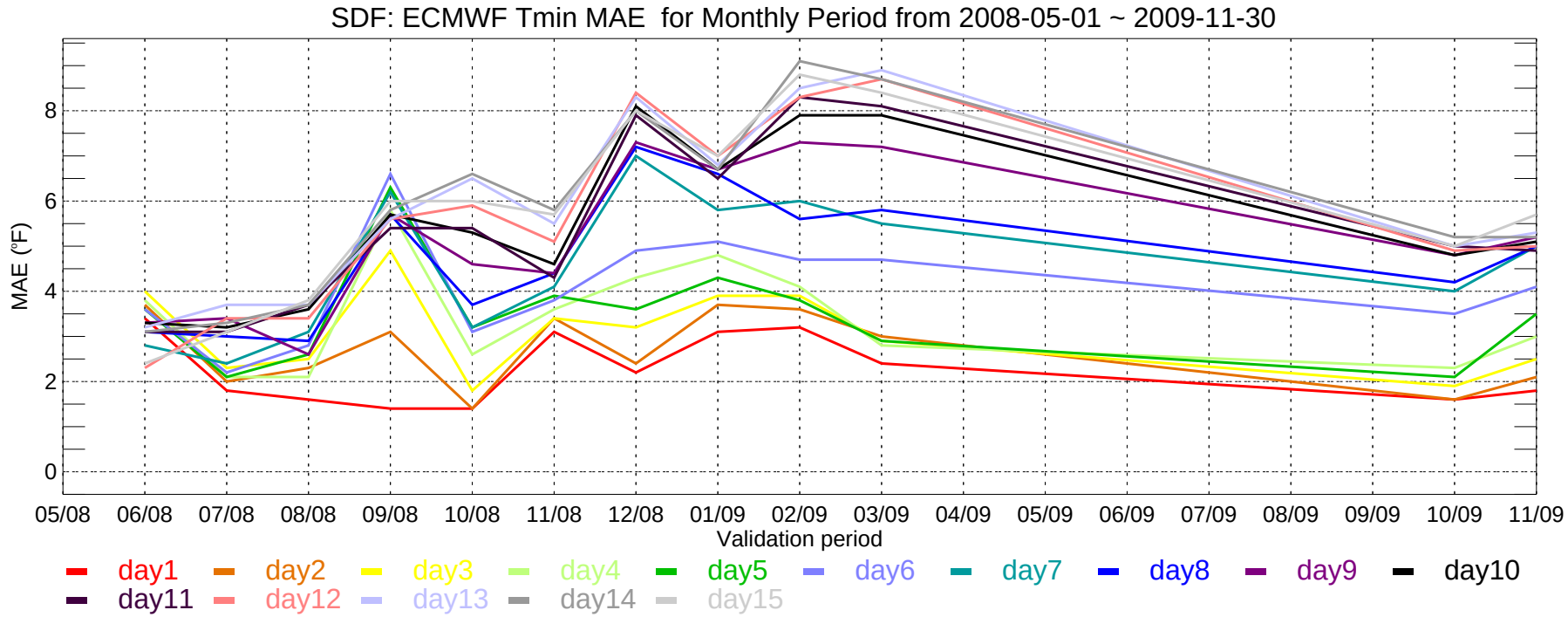
day15


SDF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
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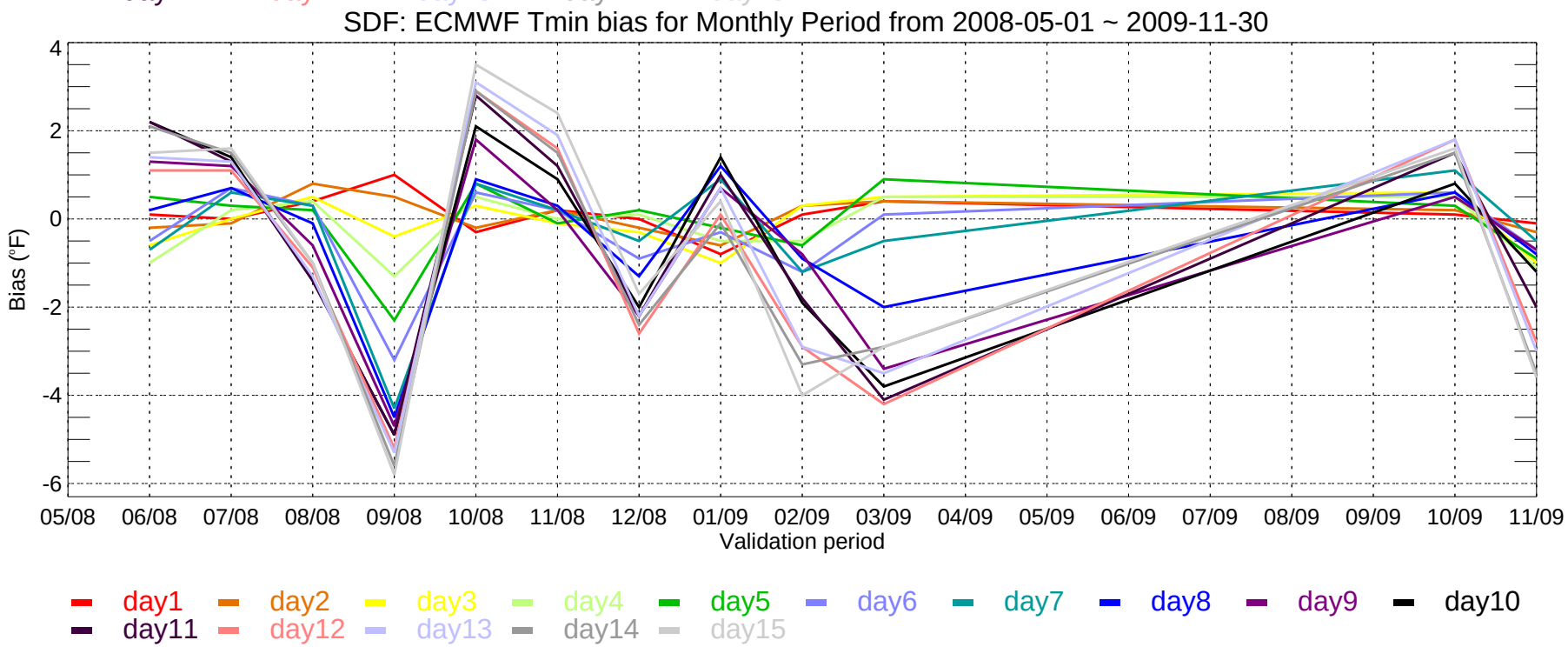
day15


SDF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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11/09
Validation period
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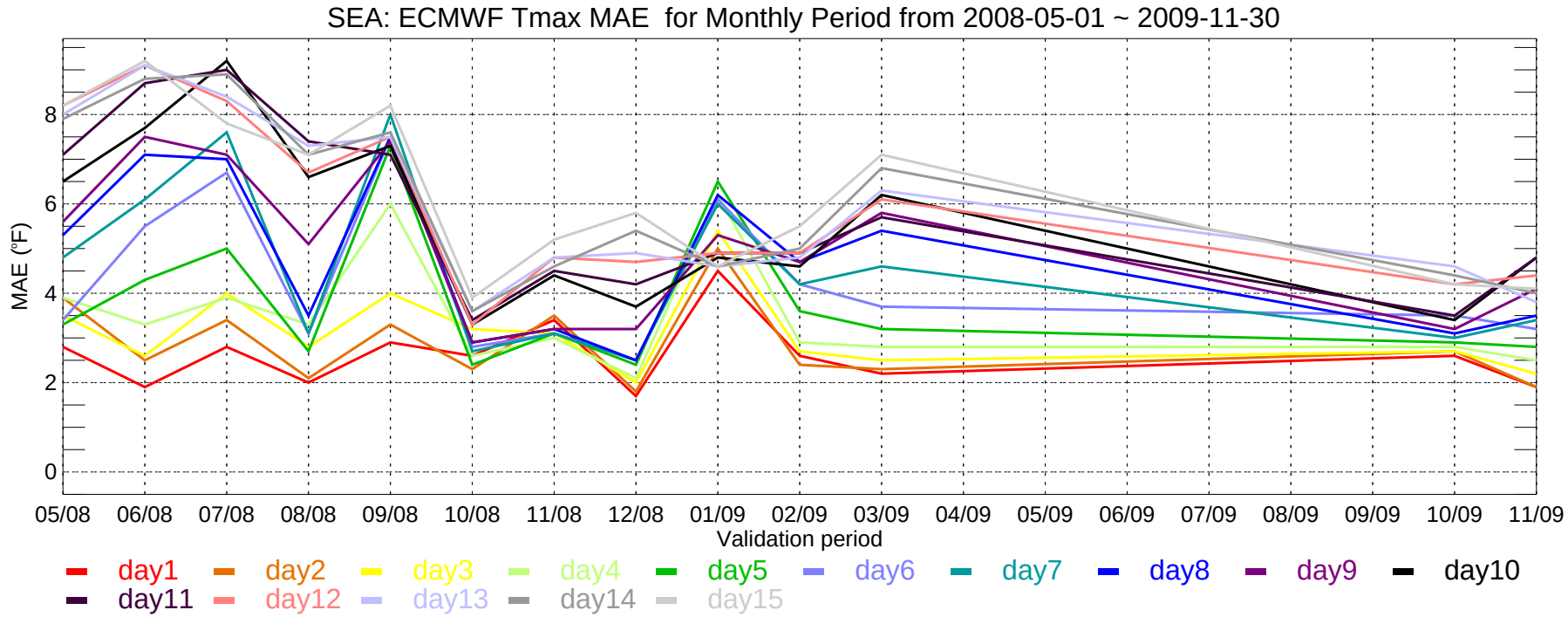
SEA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
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05/08
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11/09
Validation period
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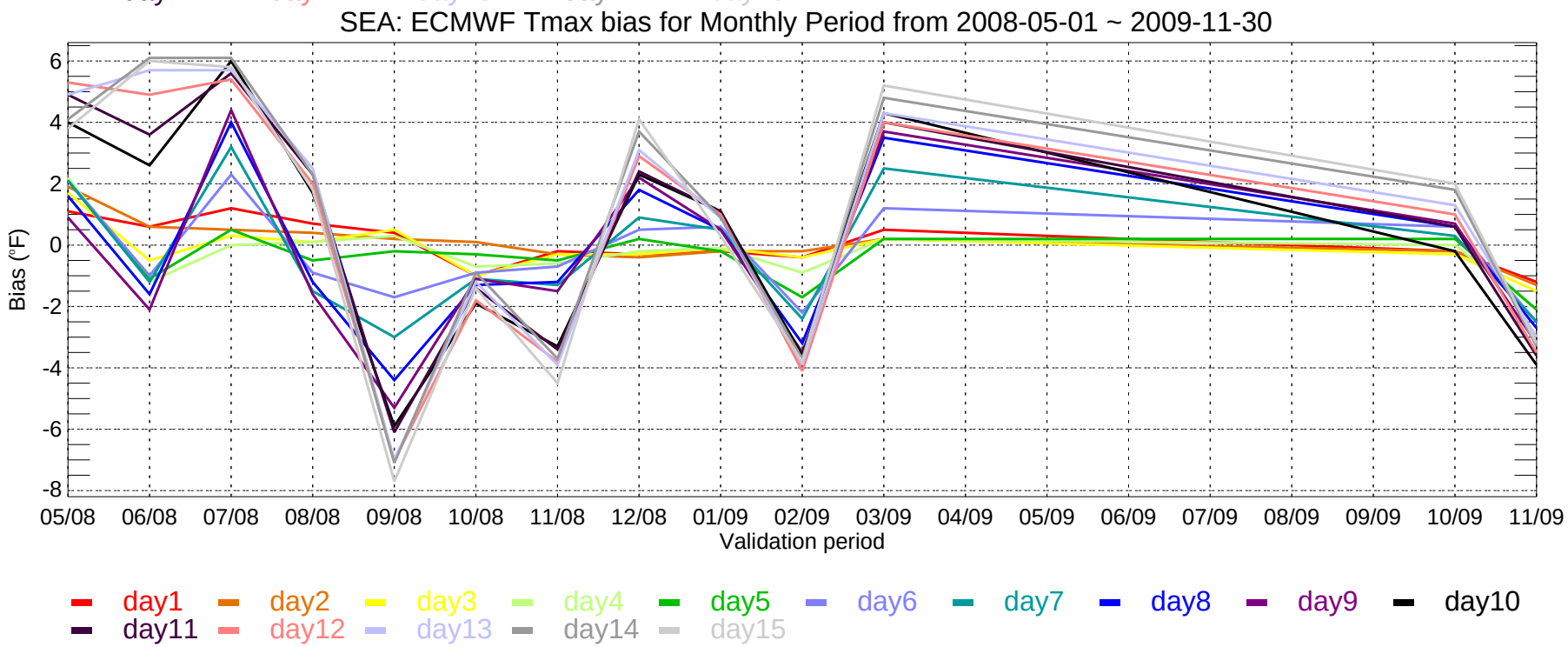
day15


SEA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
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-2
-4
-6
-8
05/08
06/08
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09/08
10/08
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Validation period
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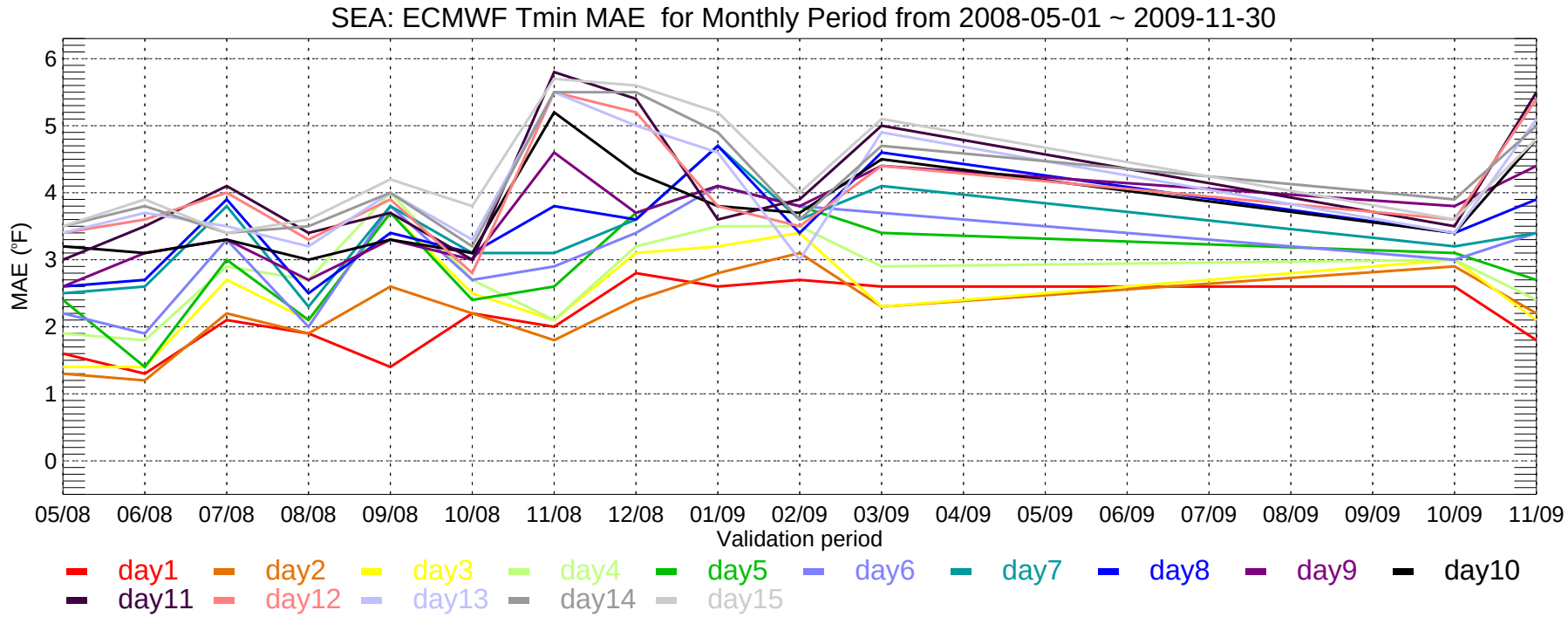
SEA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
1
2
3
4
5
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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10/09
11/09
Validation period
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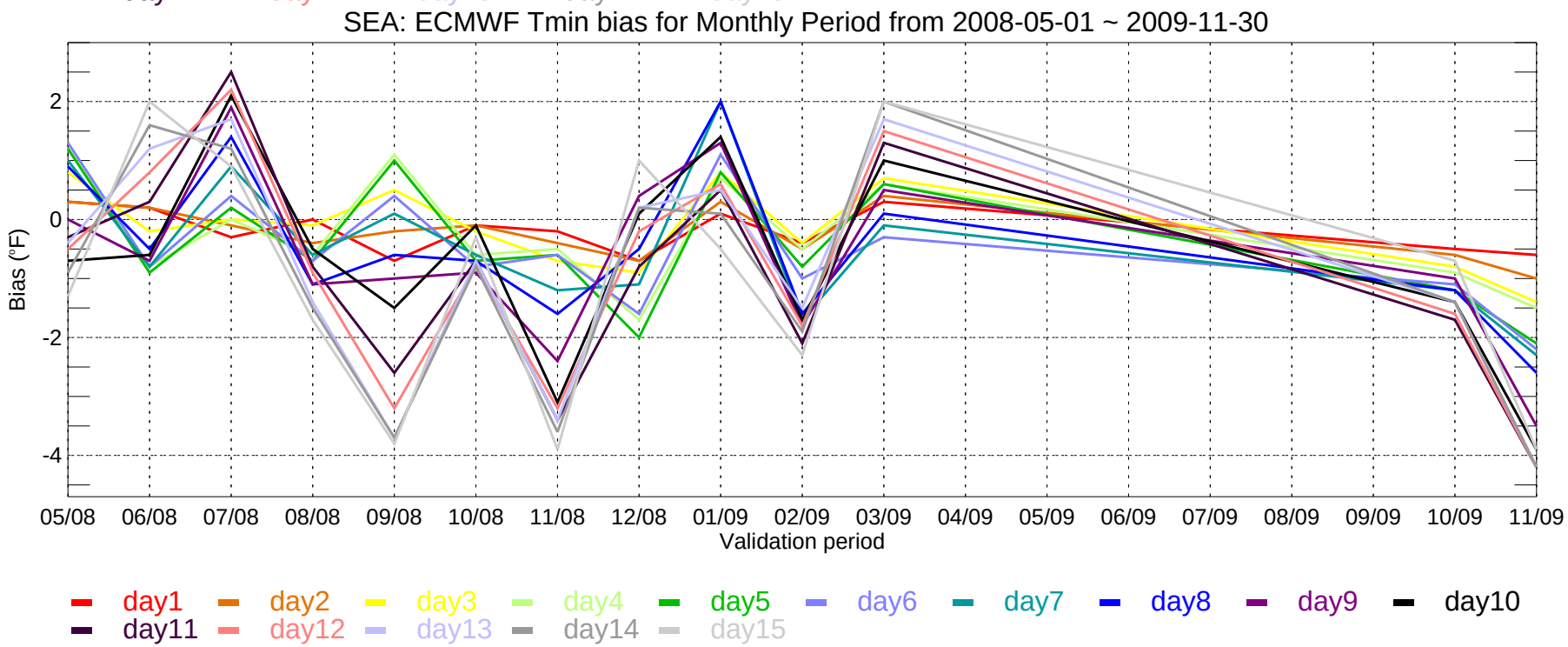
SEA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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11/09
Validation period
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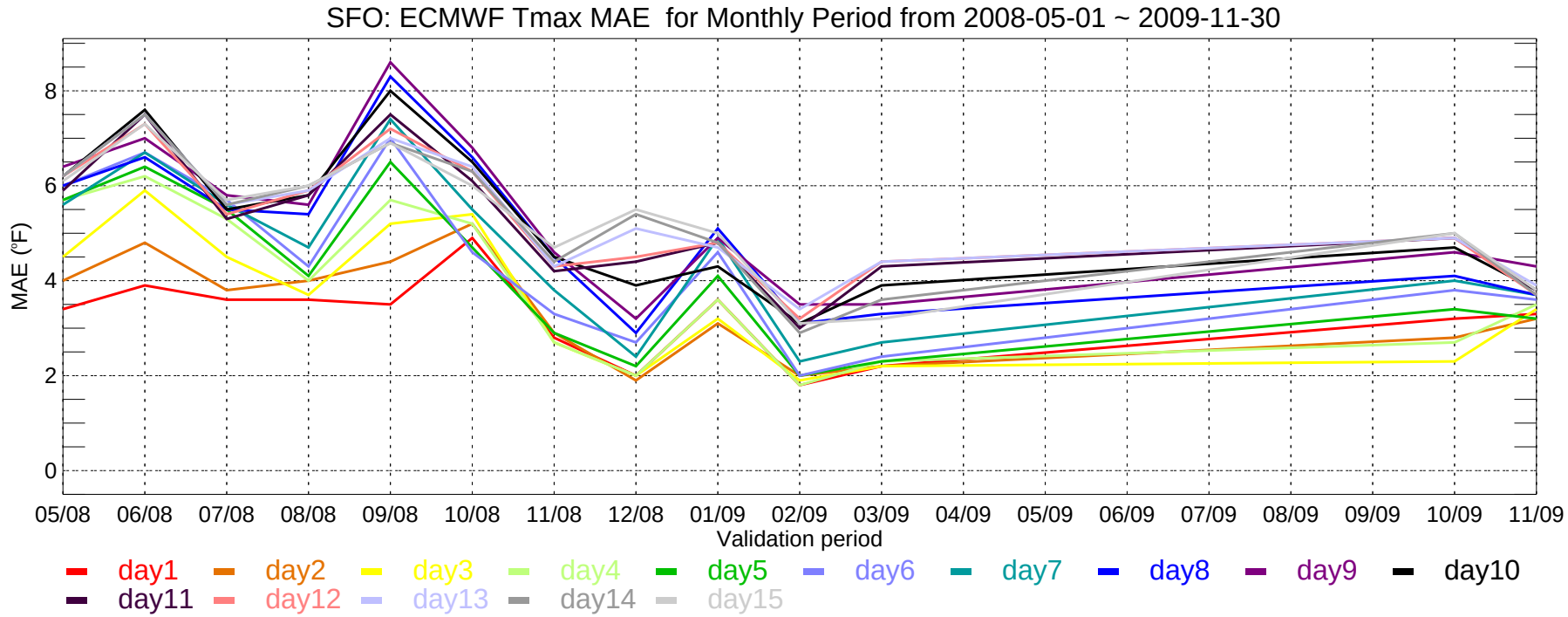
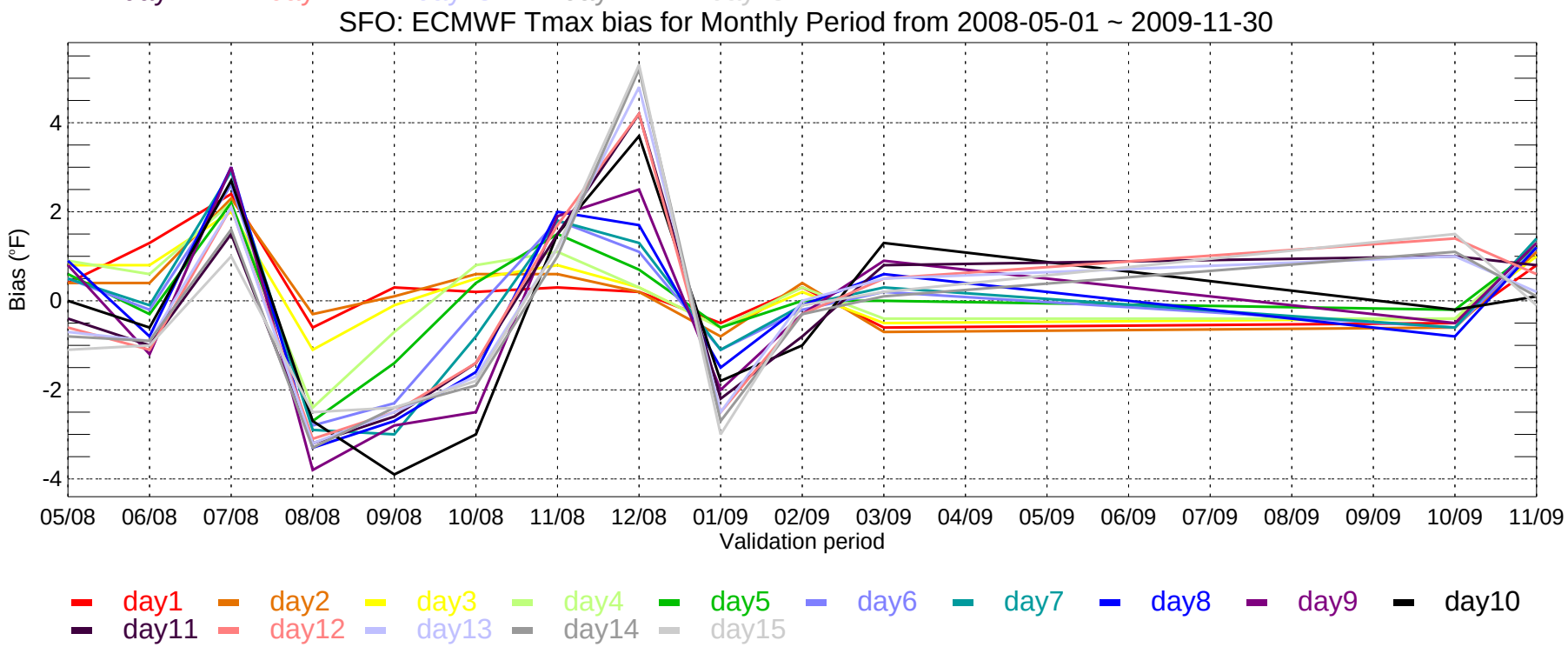
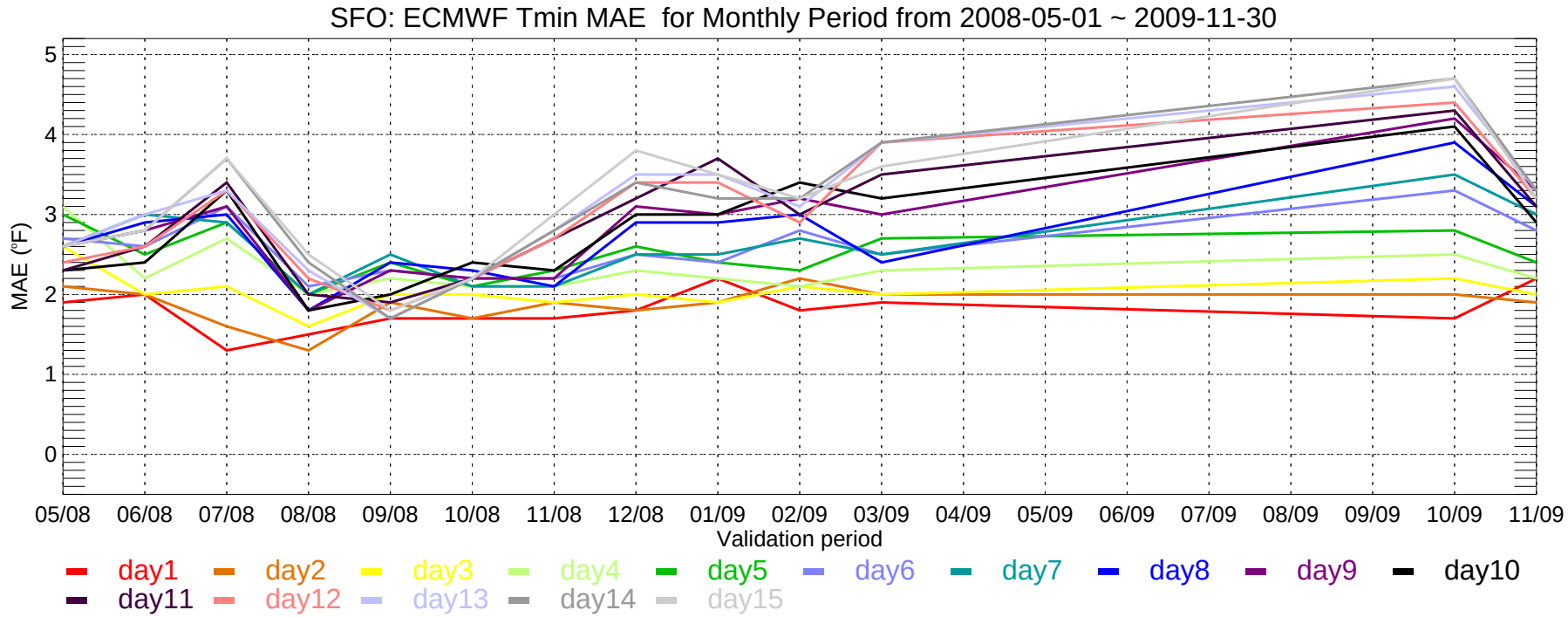
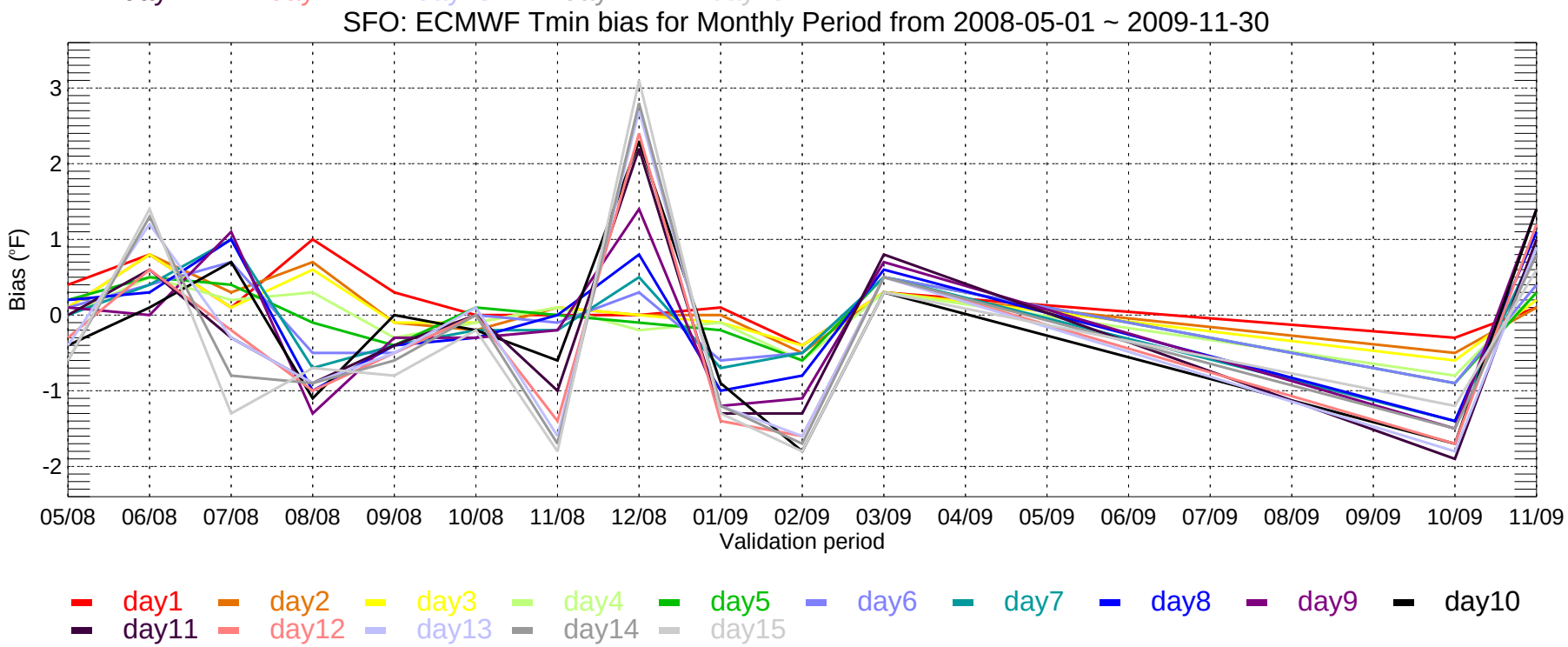
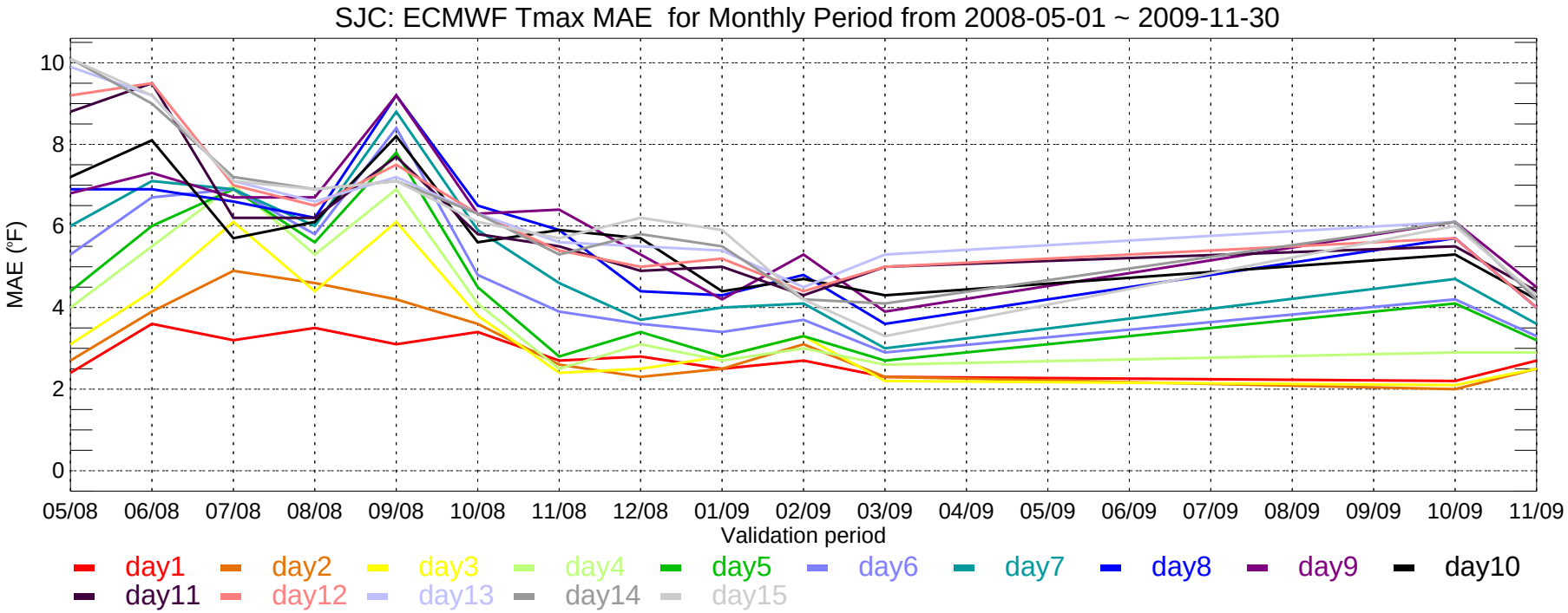
day14
day15

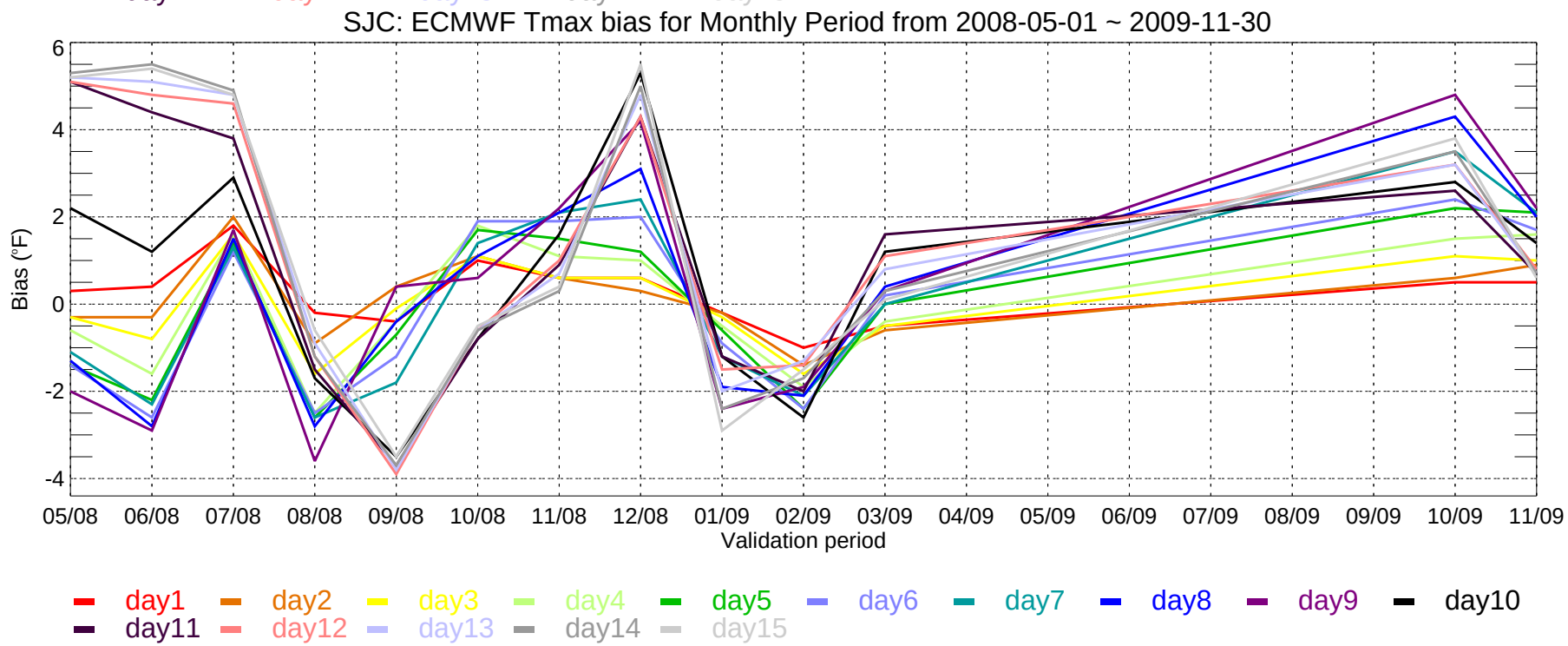

SFO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

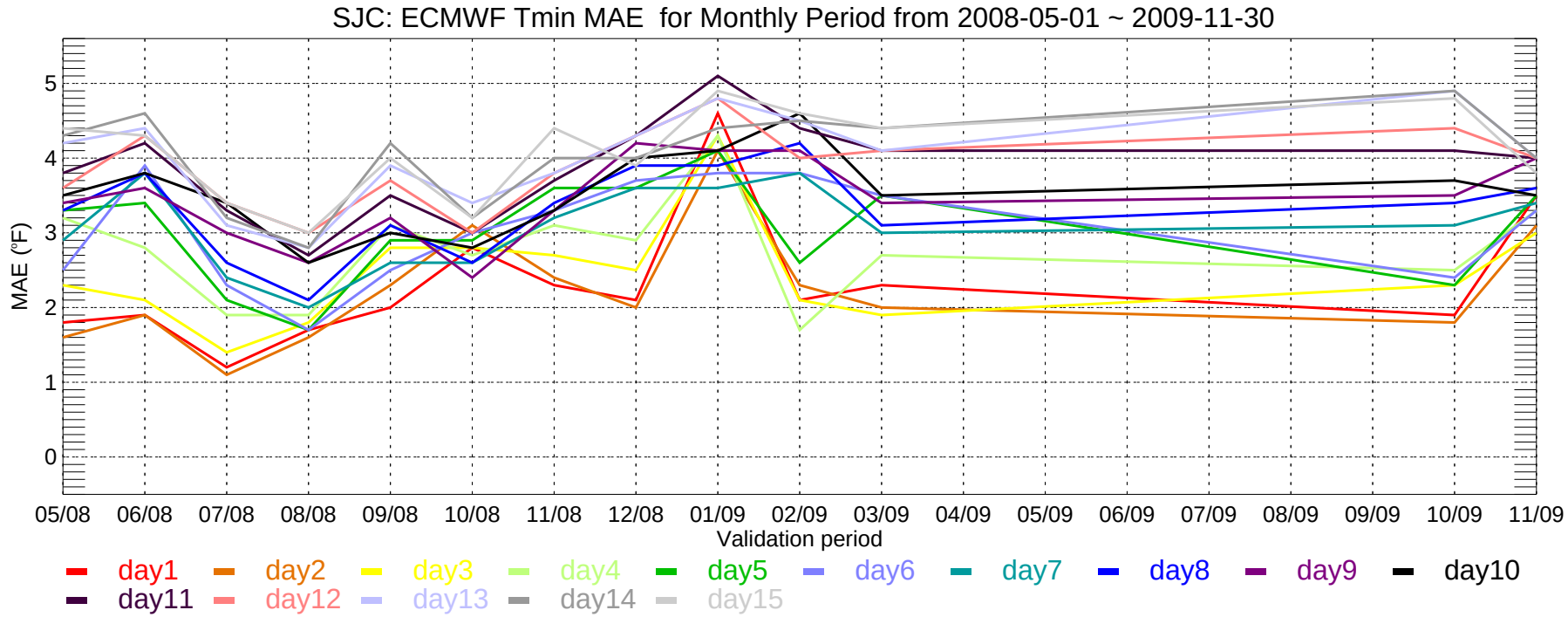

SFO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

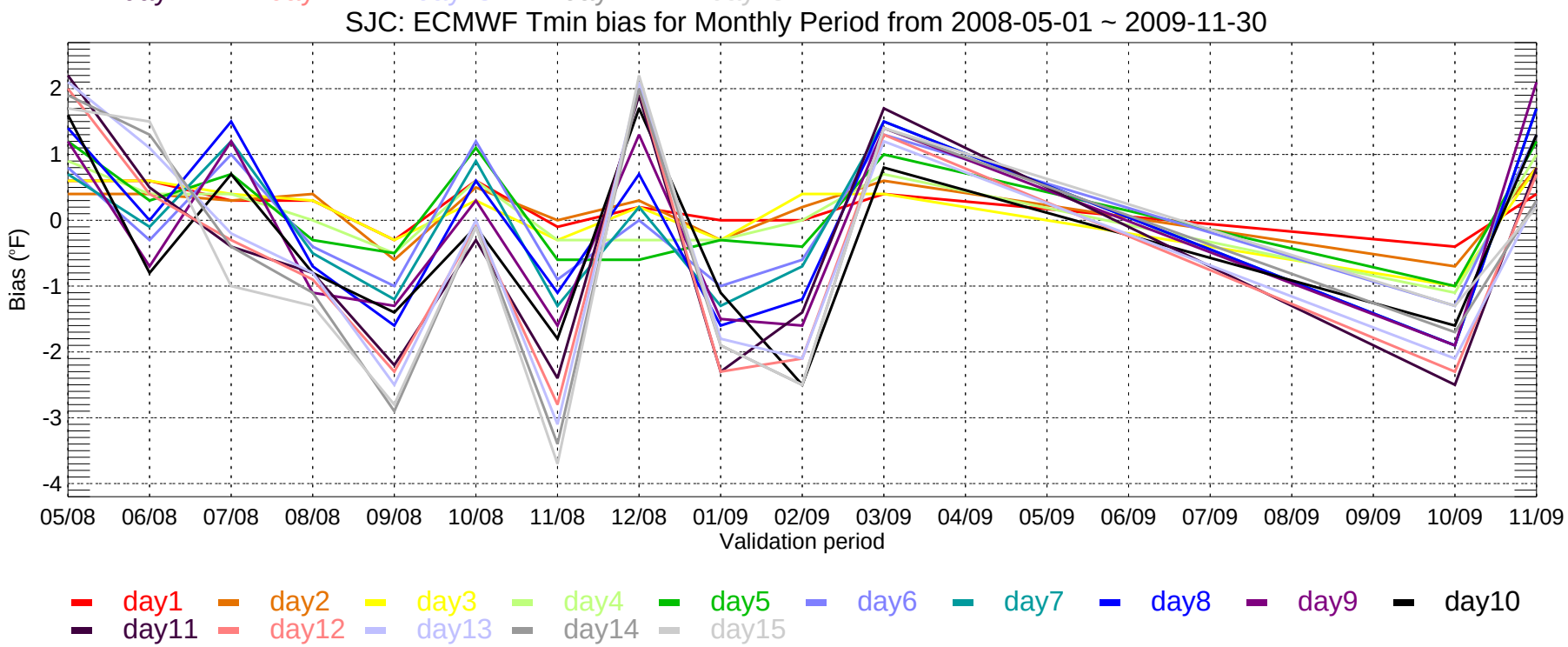

SFO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
5
4
3
2
1
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

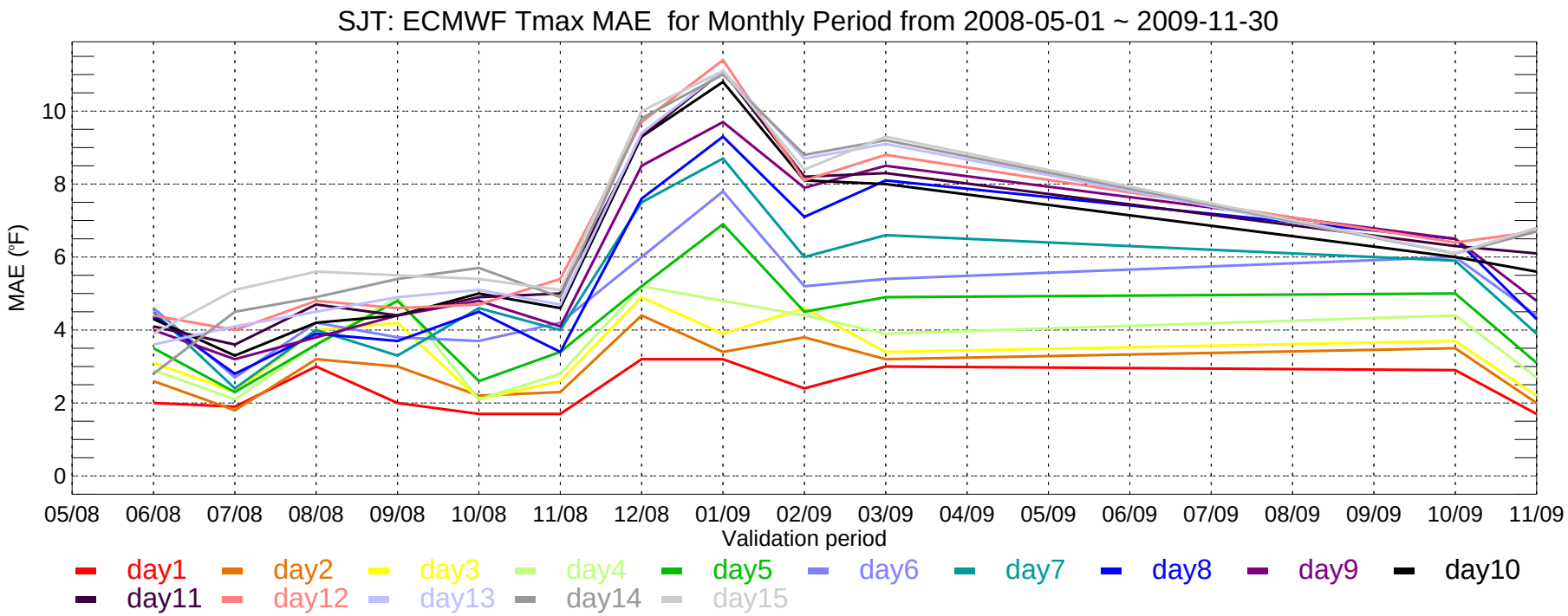

SFO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
3
2
1
0
-1
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

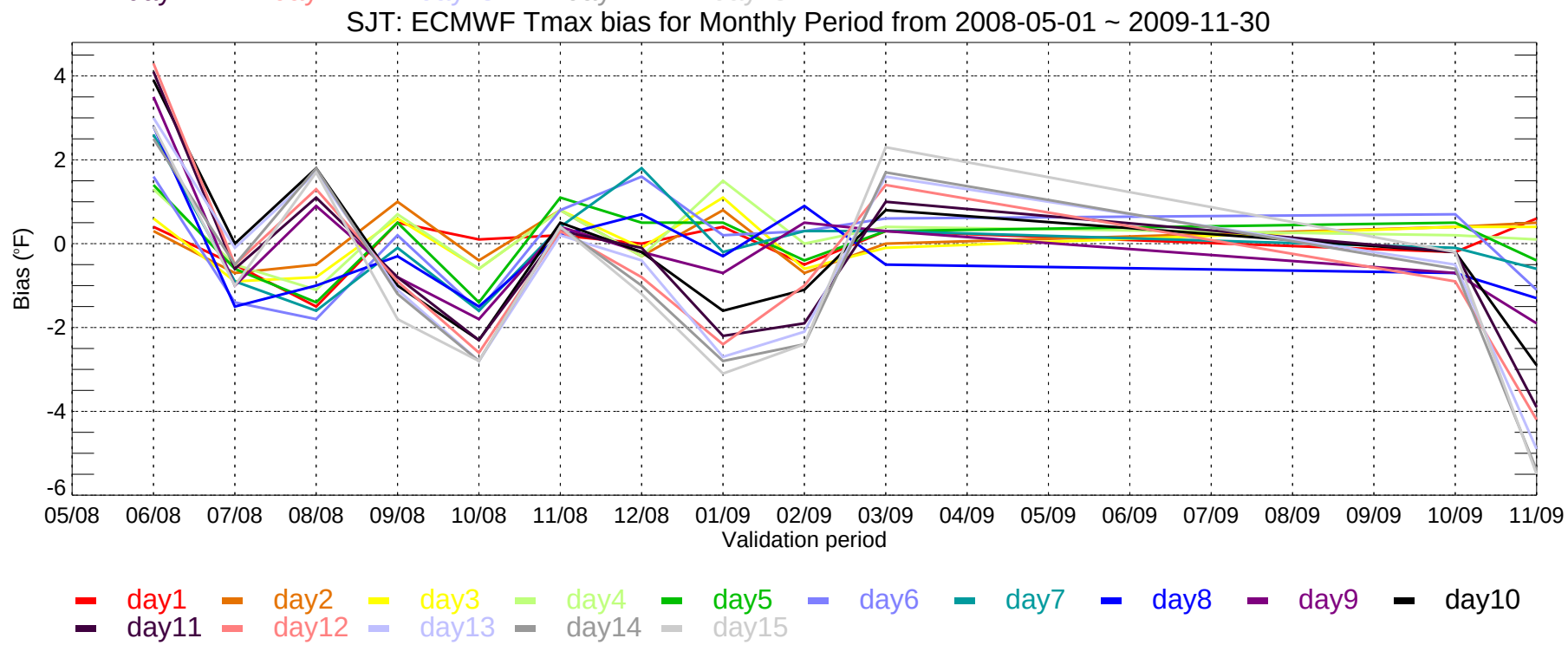

SJC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

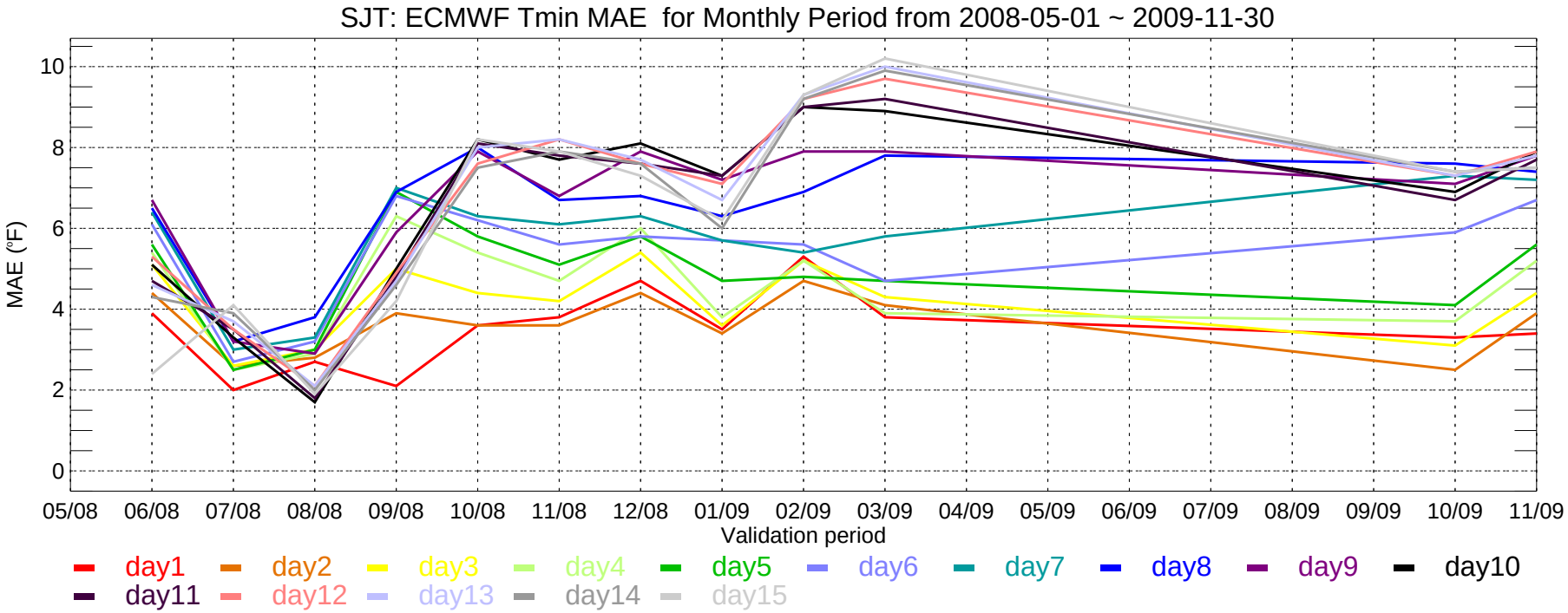

SJC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

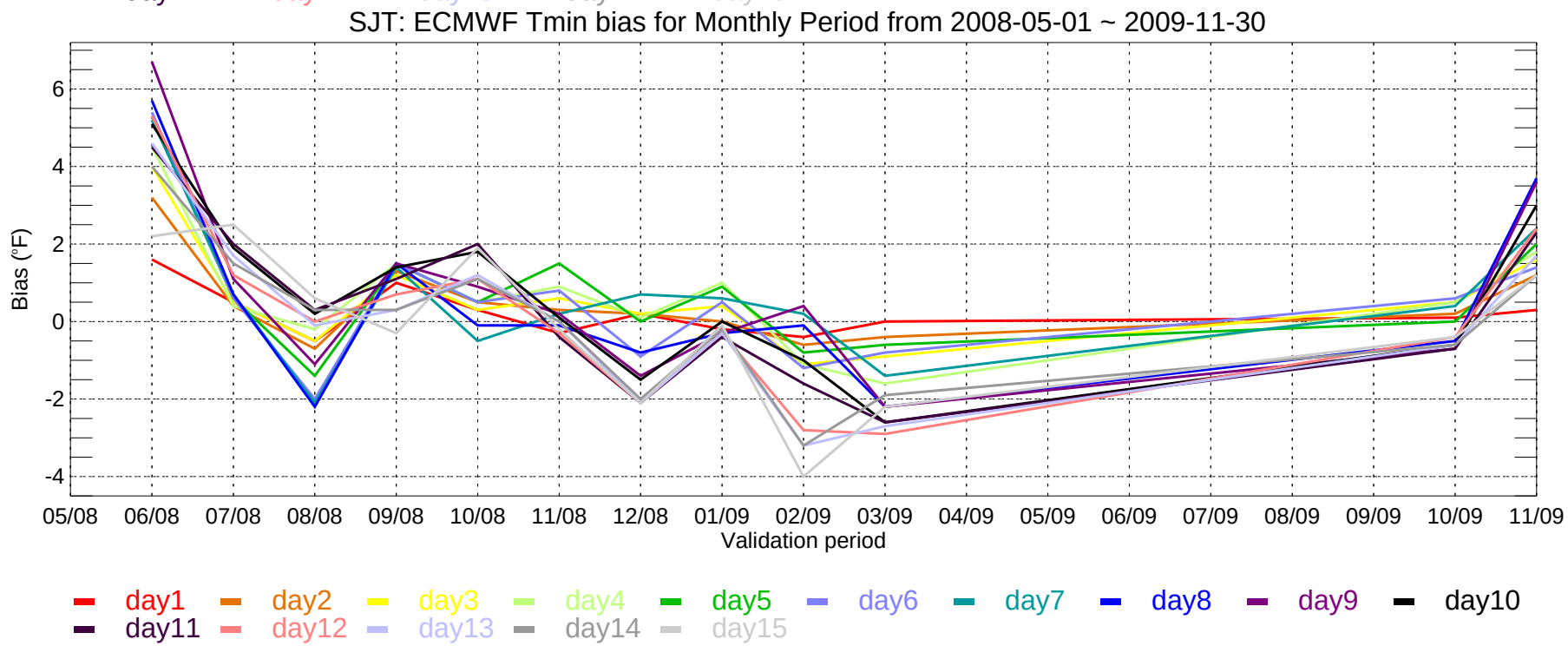

SJC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
1
2
3
4
5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

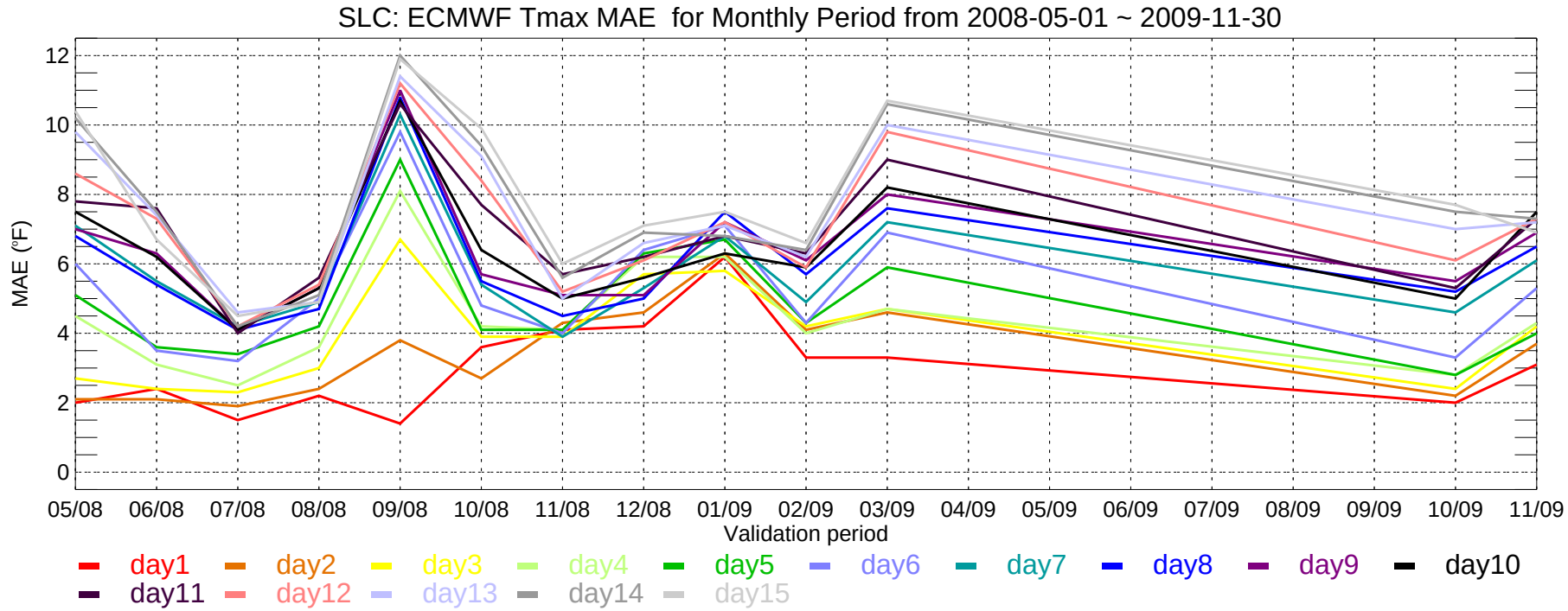

SJC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
1
0
-1
-2
-3
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

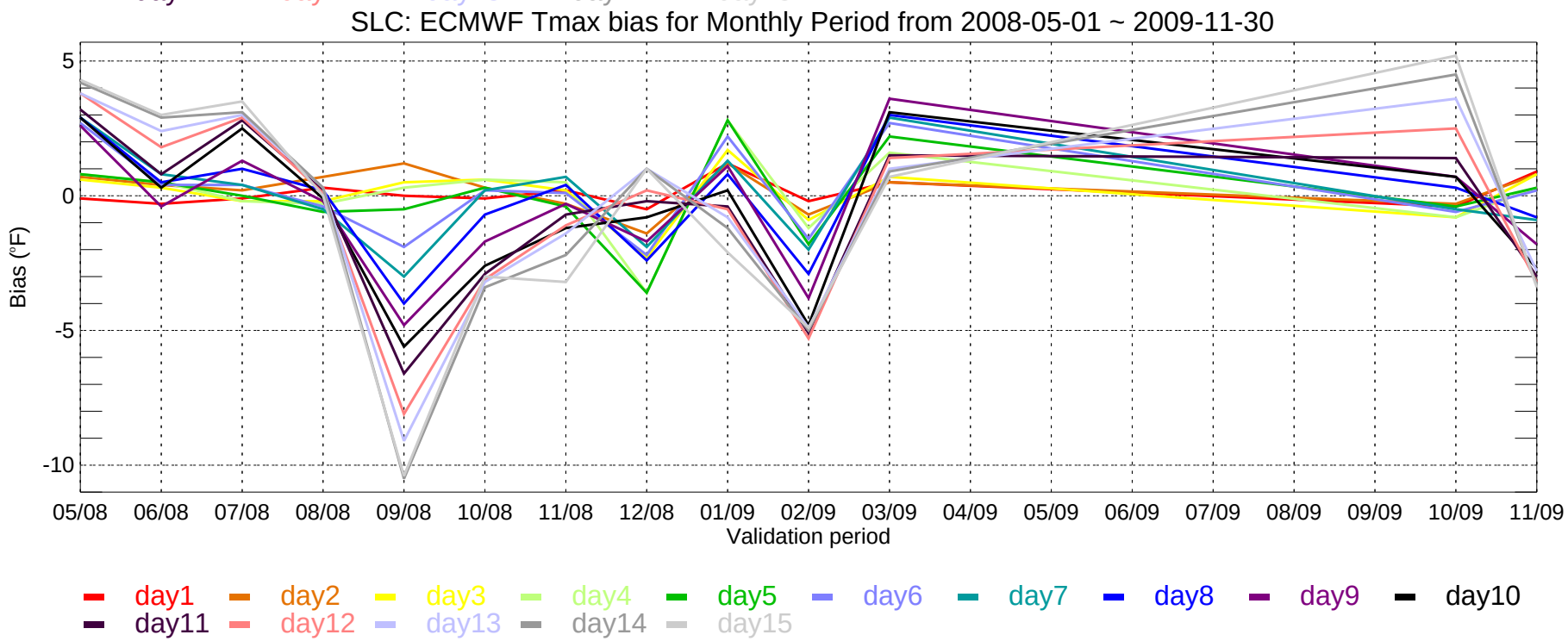

SJT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

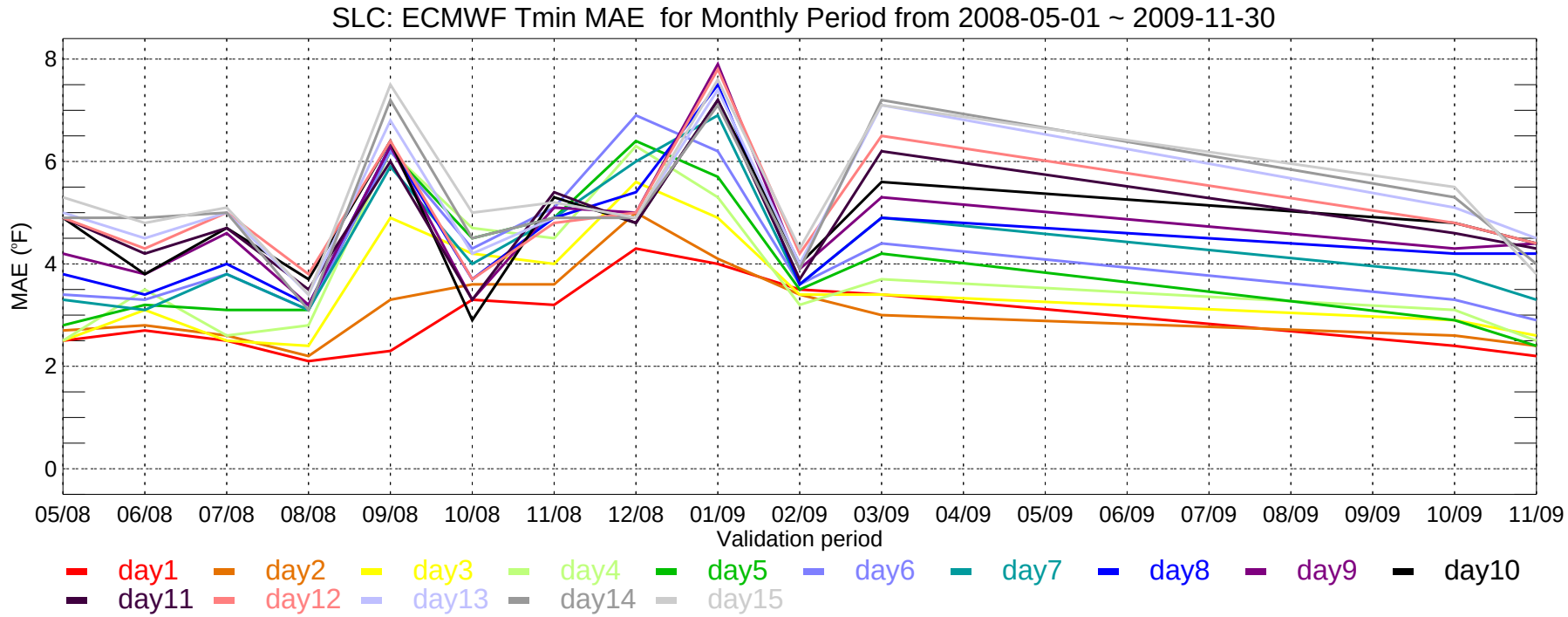

SJT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

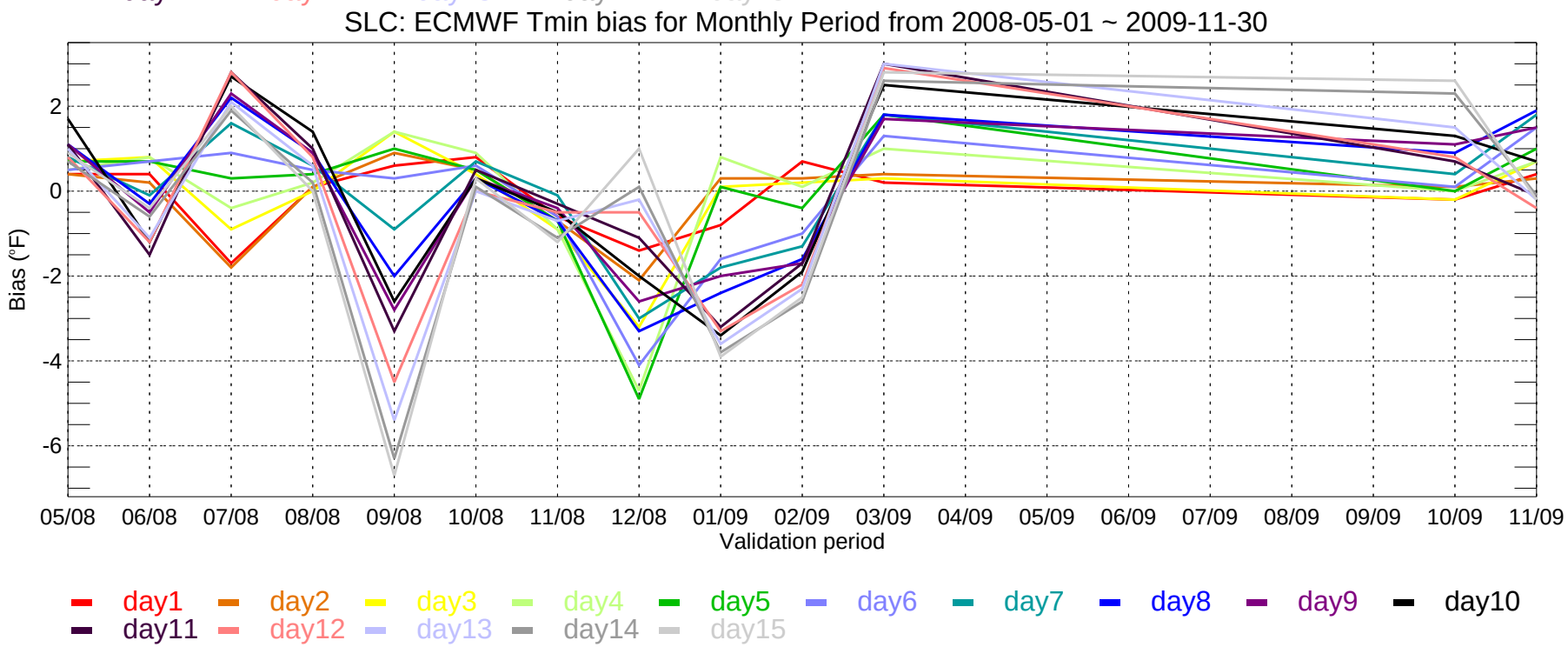

SJT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

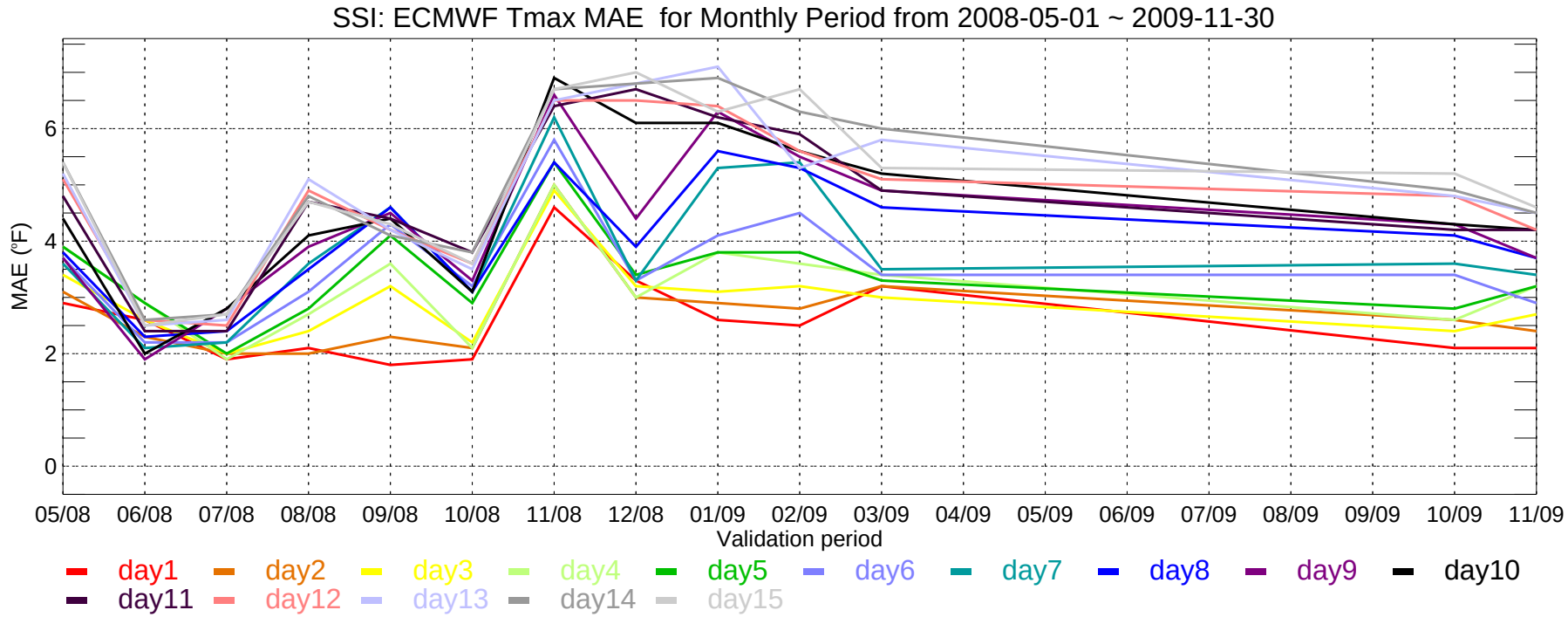

SJT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

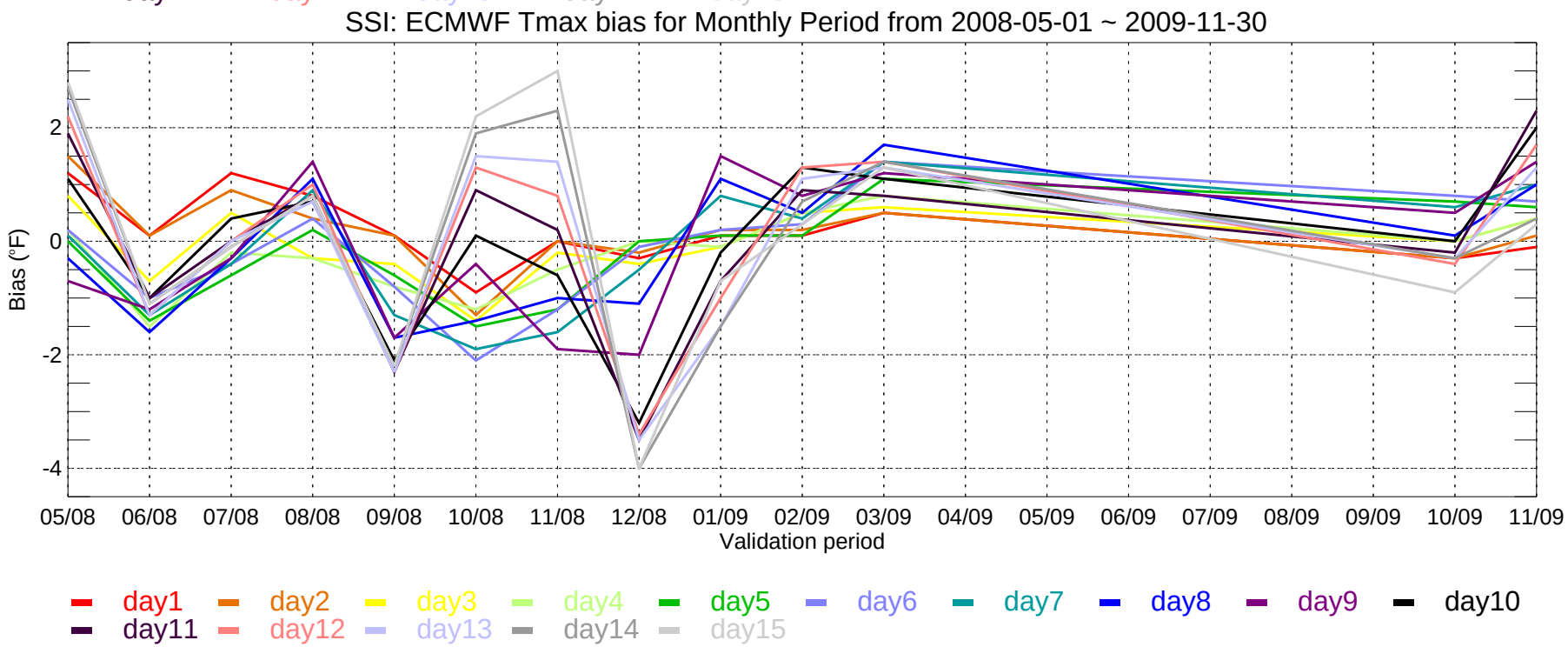

SLC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

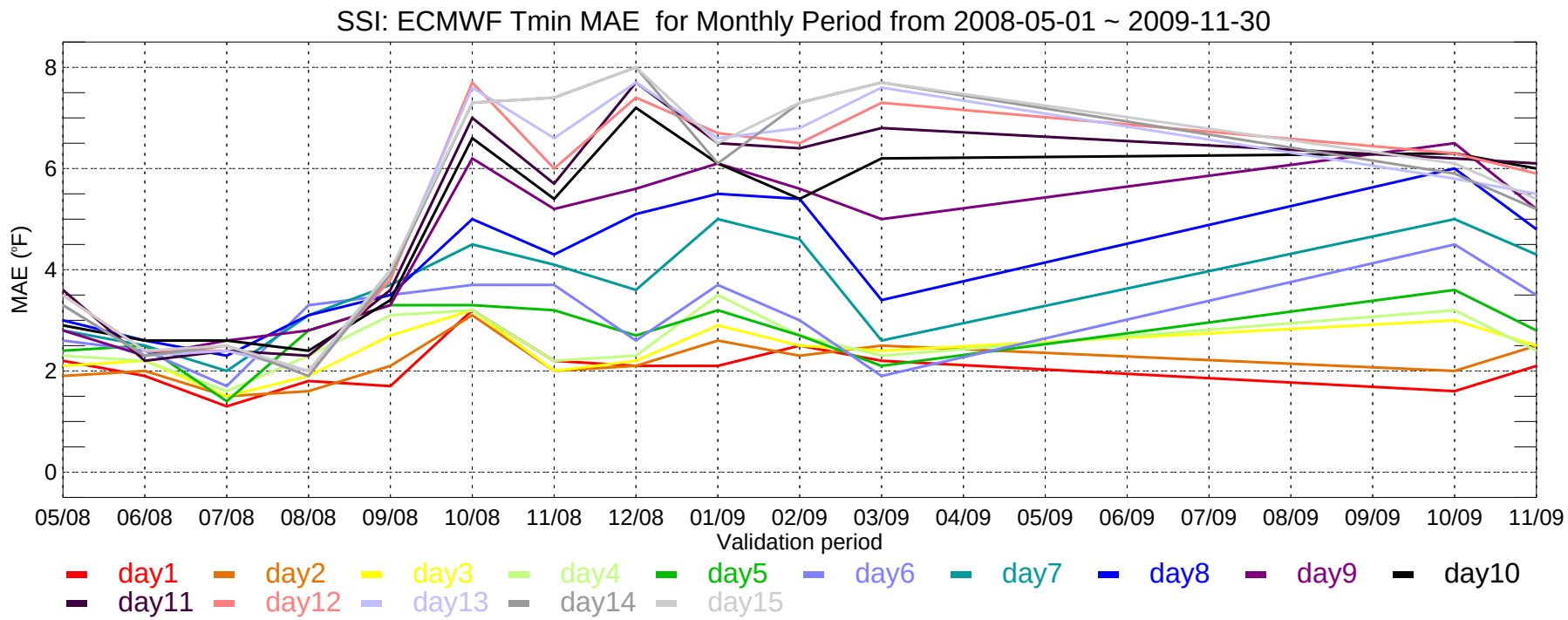

SLC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

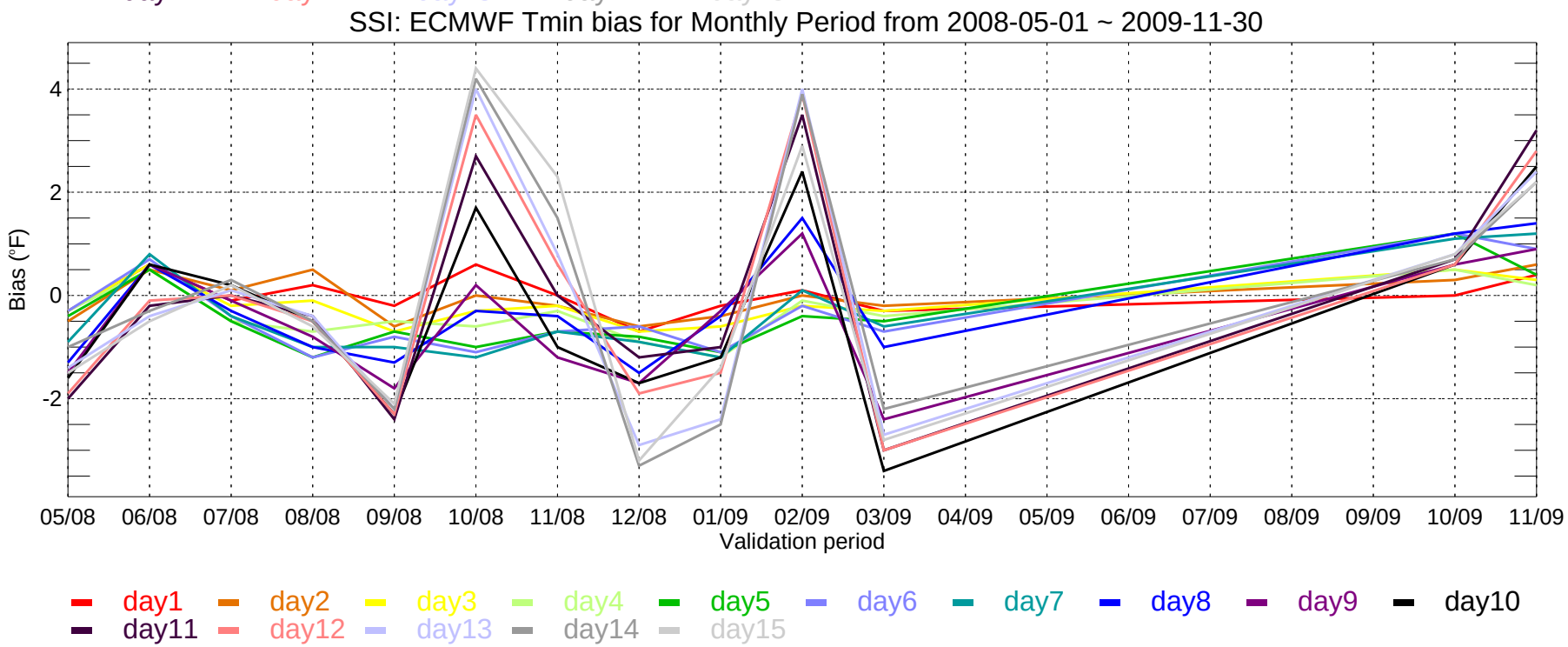

SLC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

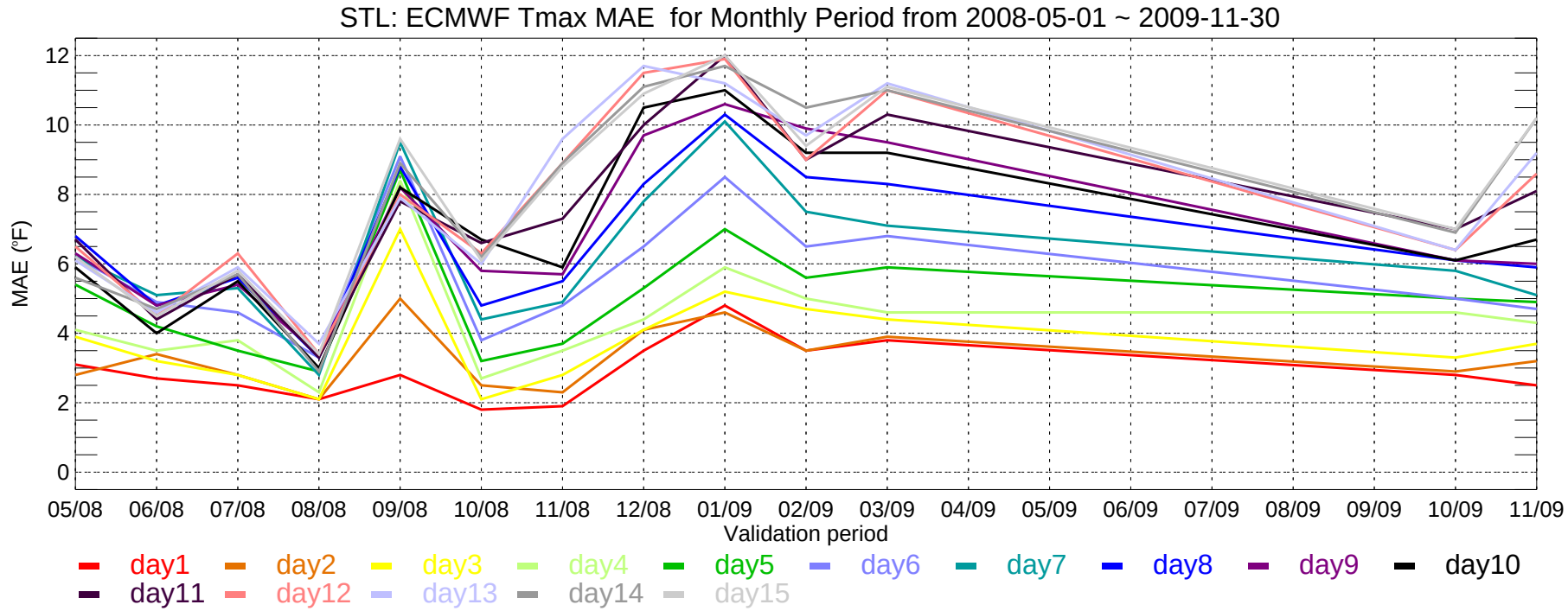

SLC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

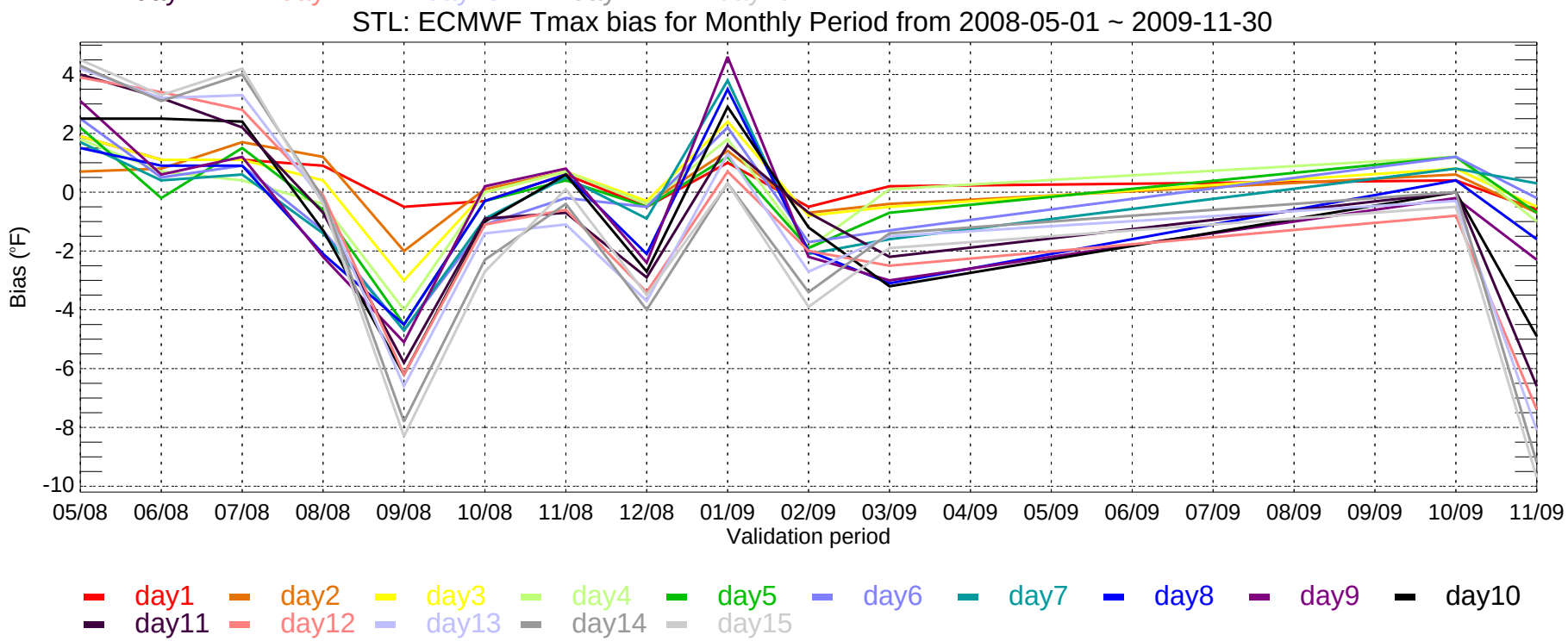

SSI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

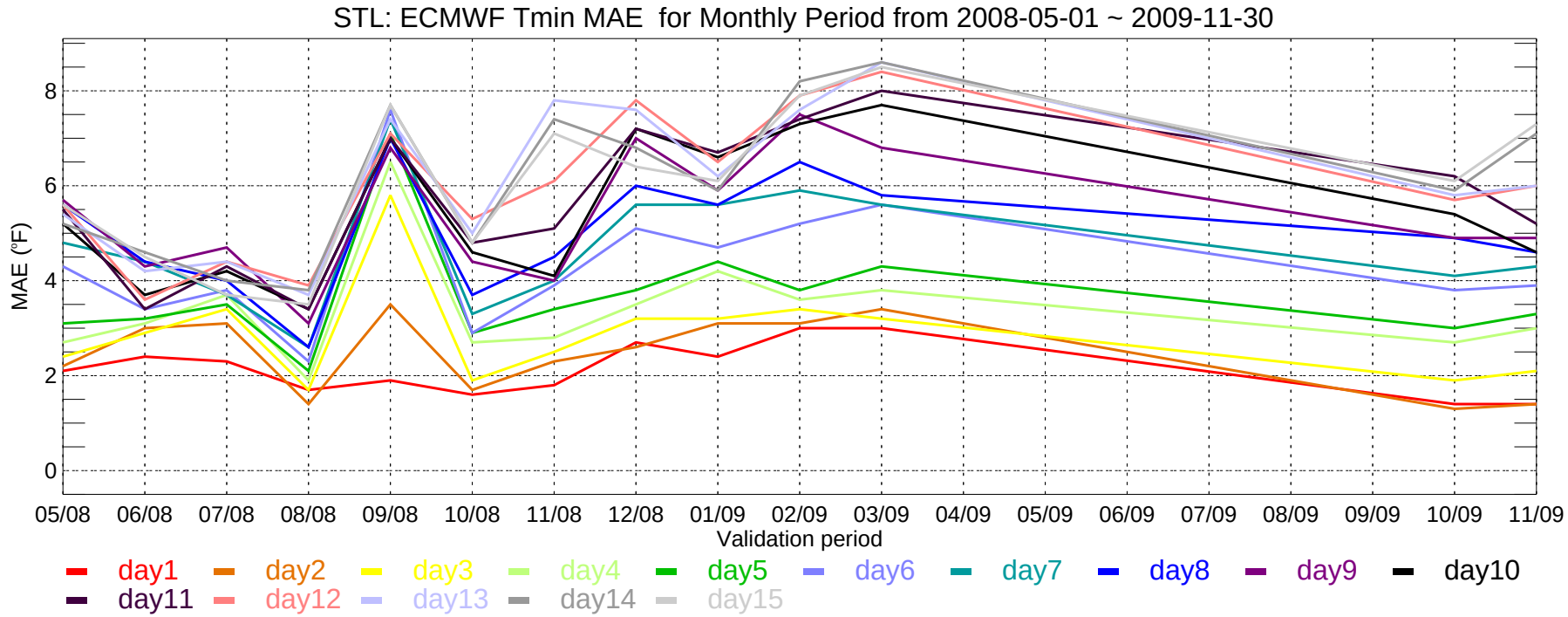

SSI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

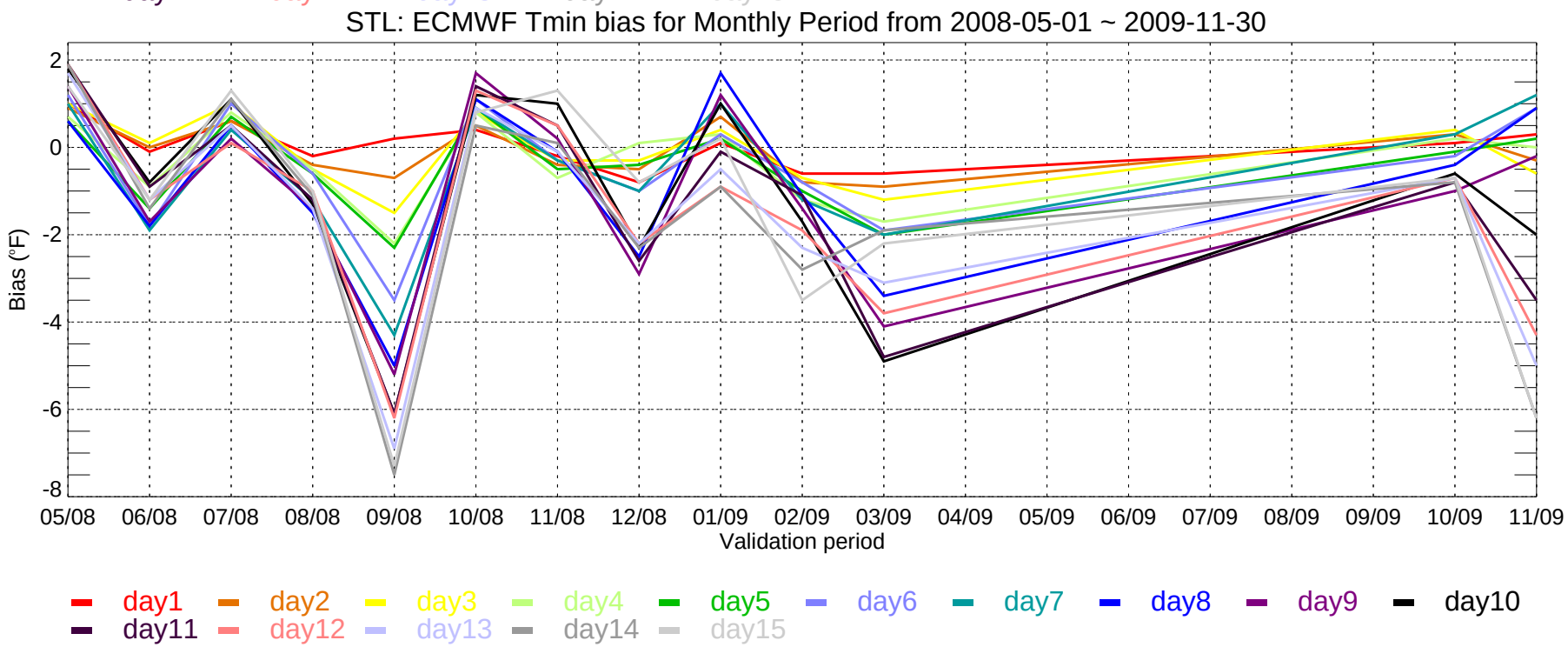

SSI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

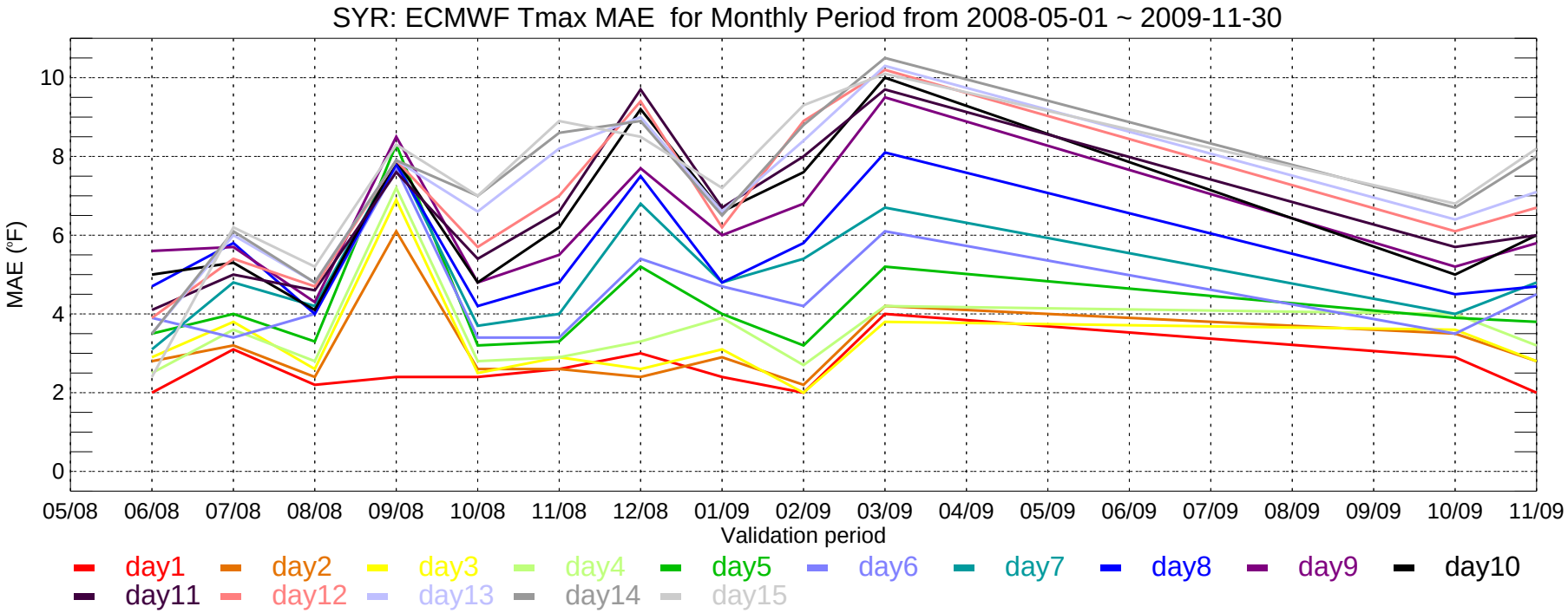

SSI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

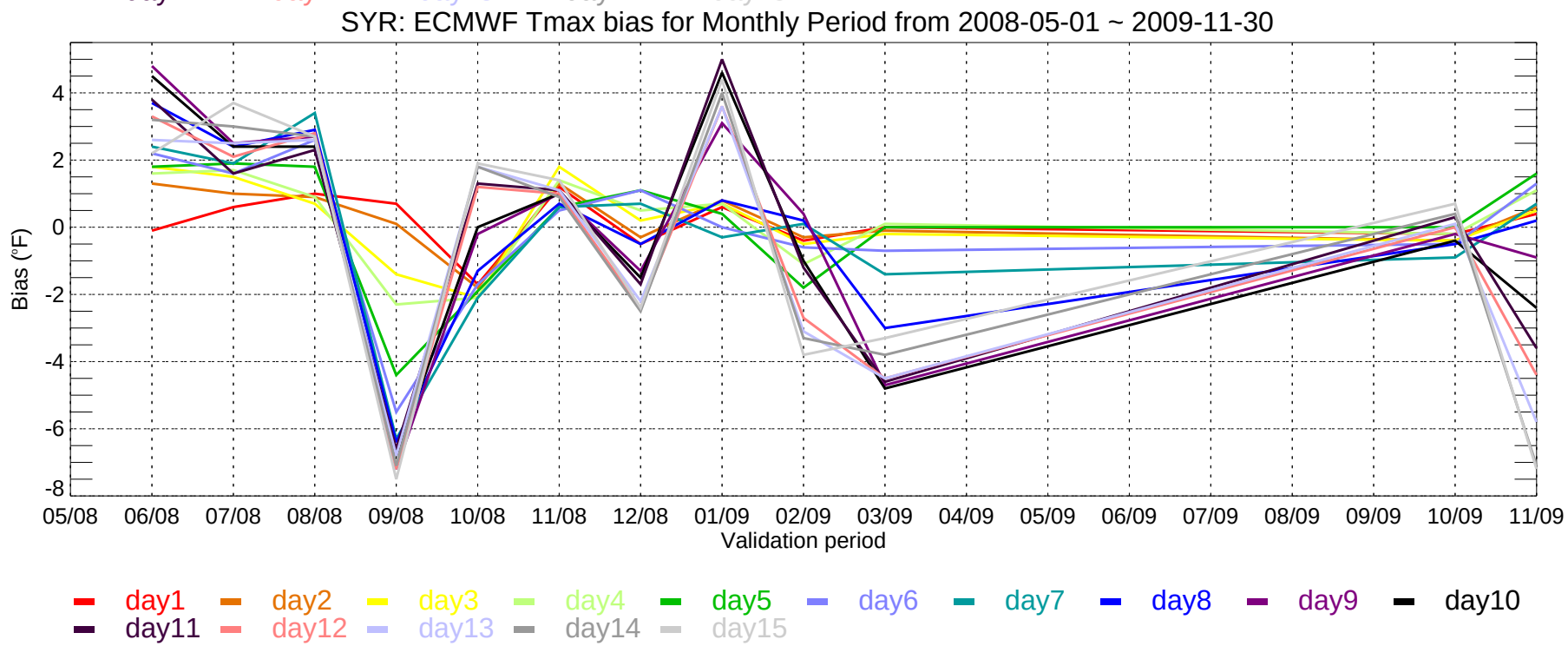

STL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

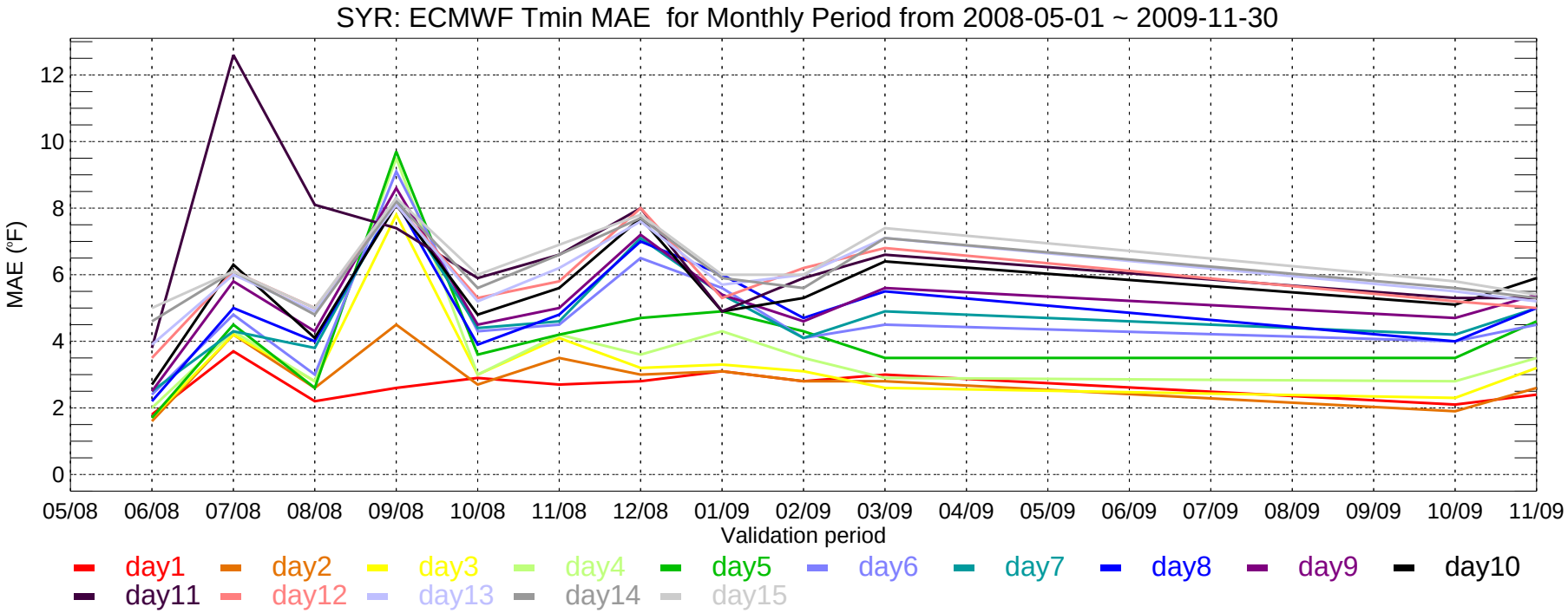

STL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

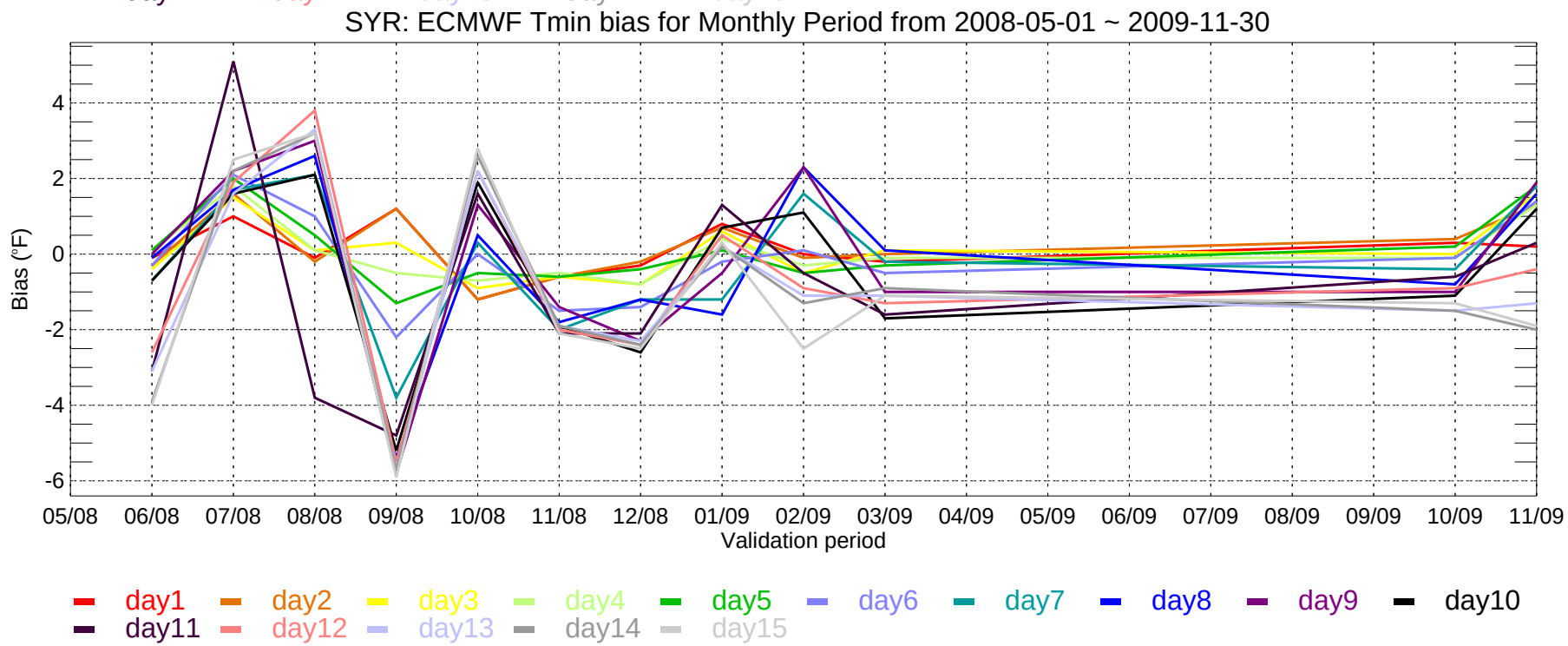

STL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

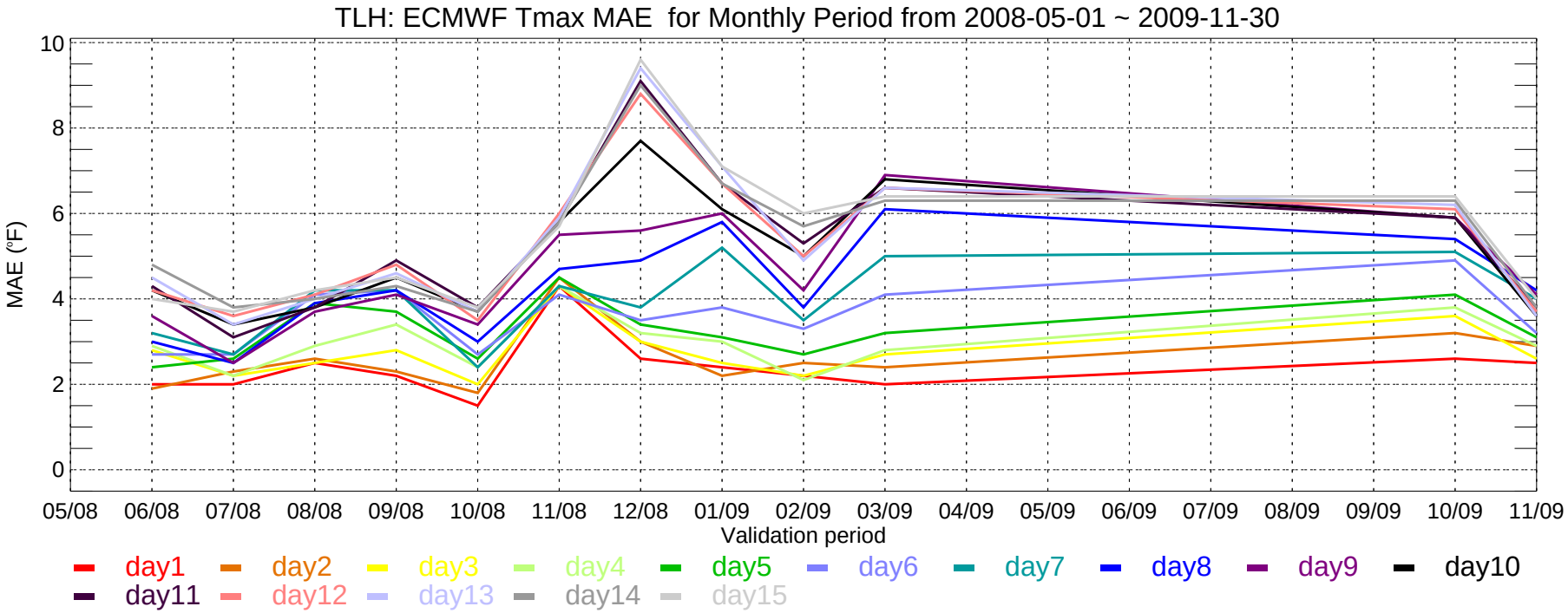

STL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

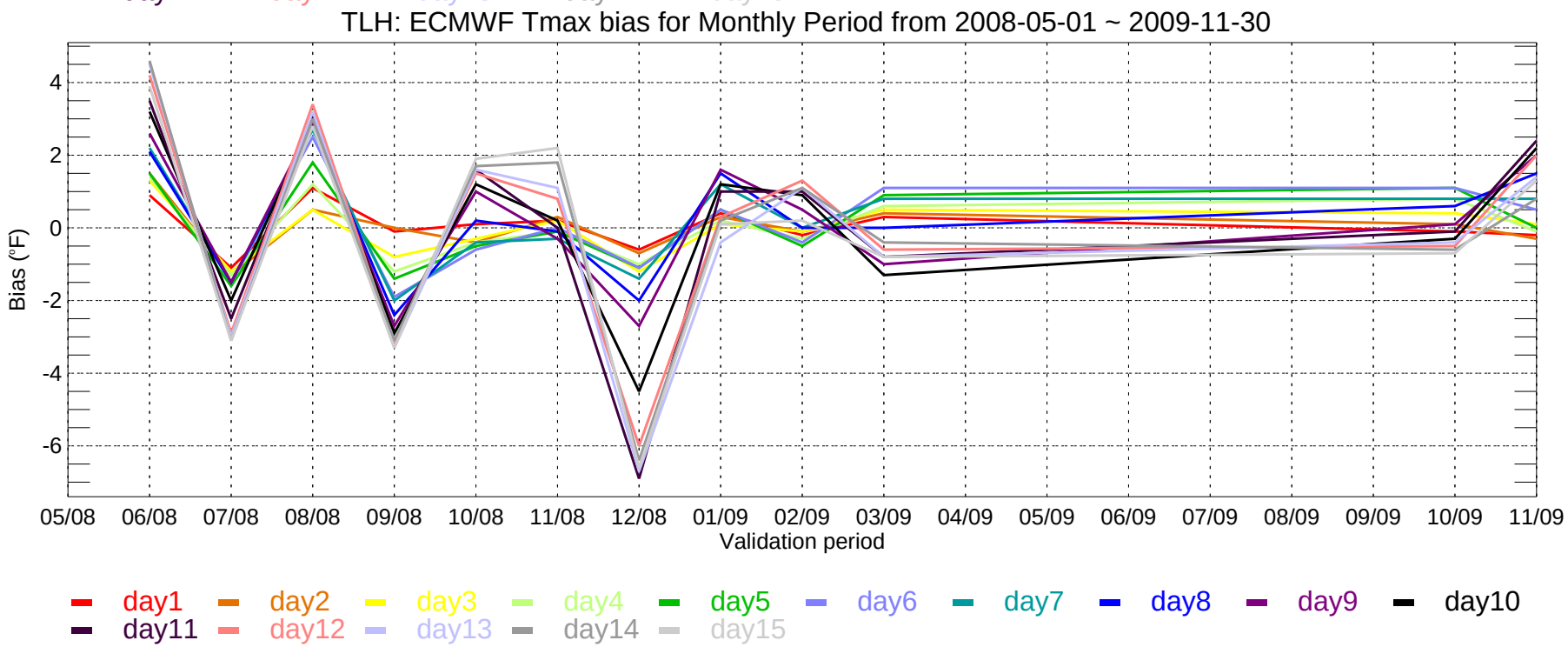

SYR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

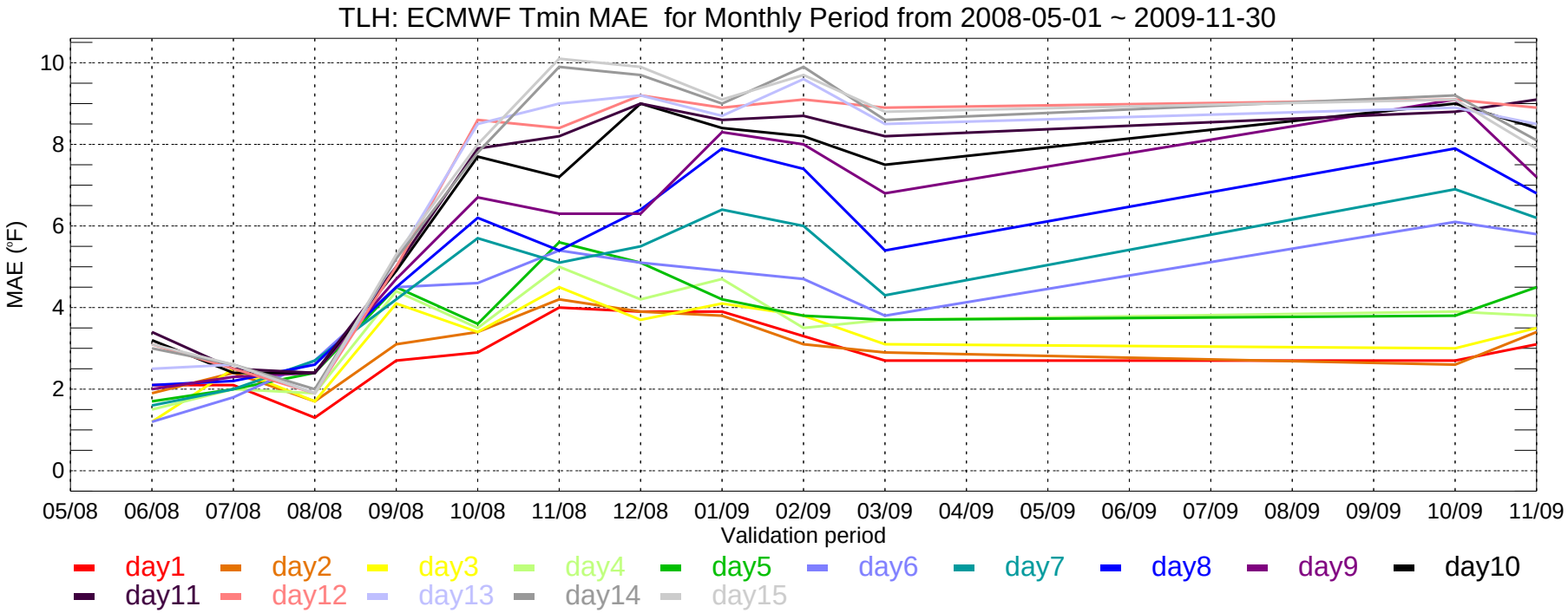

SYR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

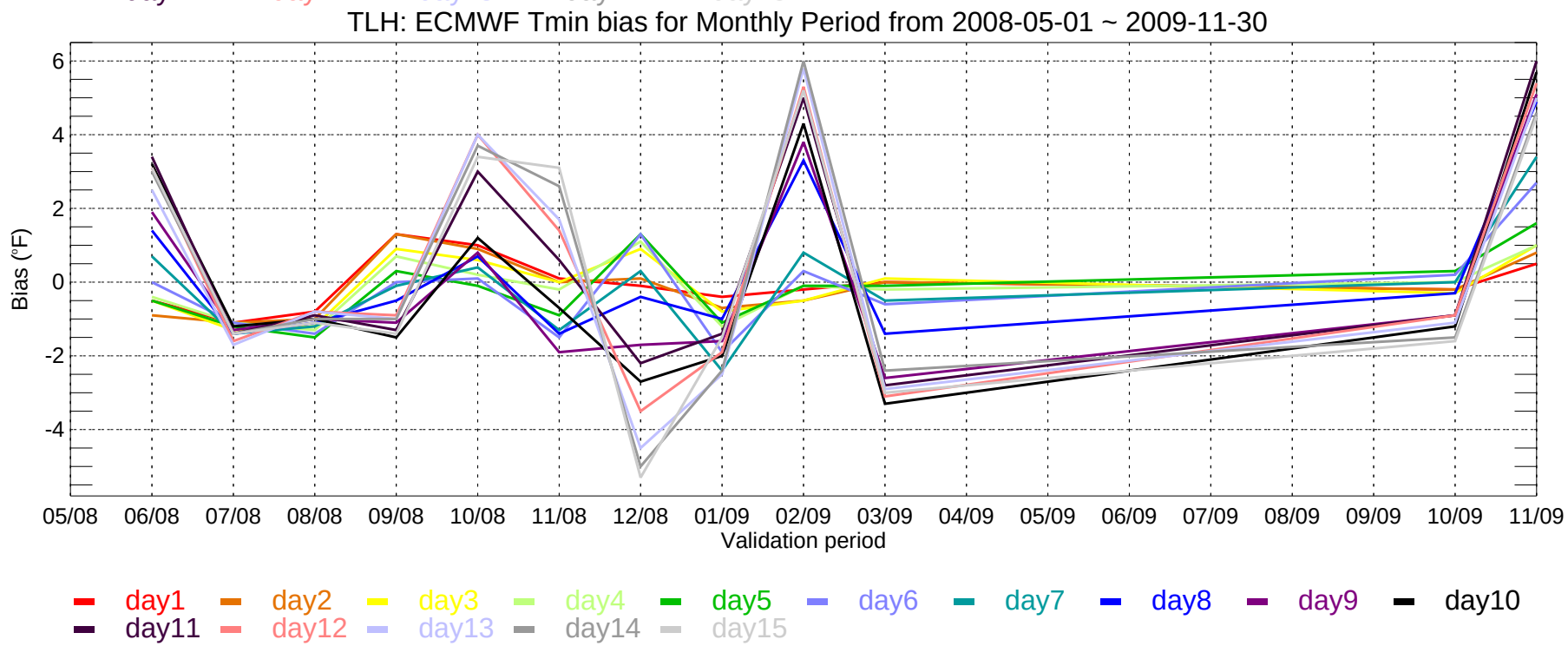

SYR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

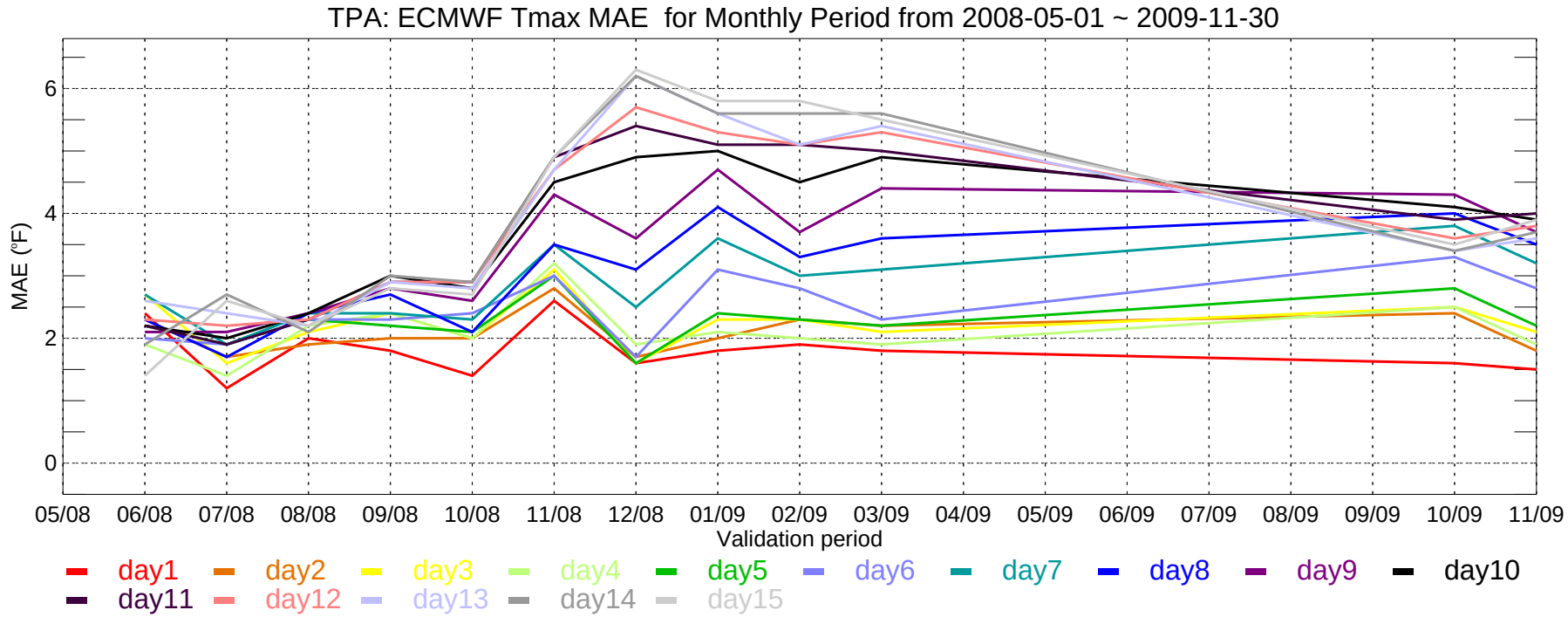

SYR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
-6
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

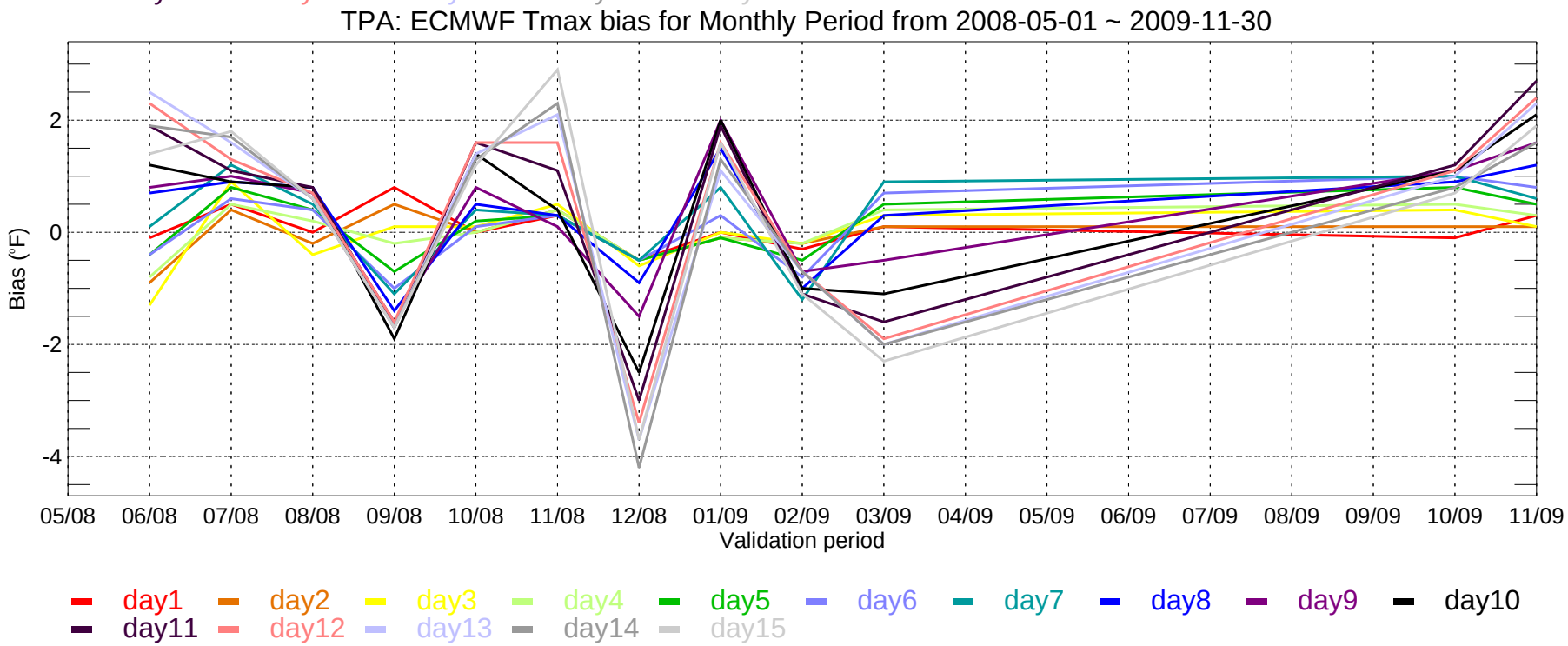

TLH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

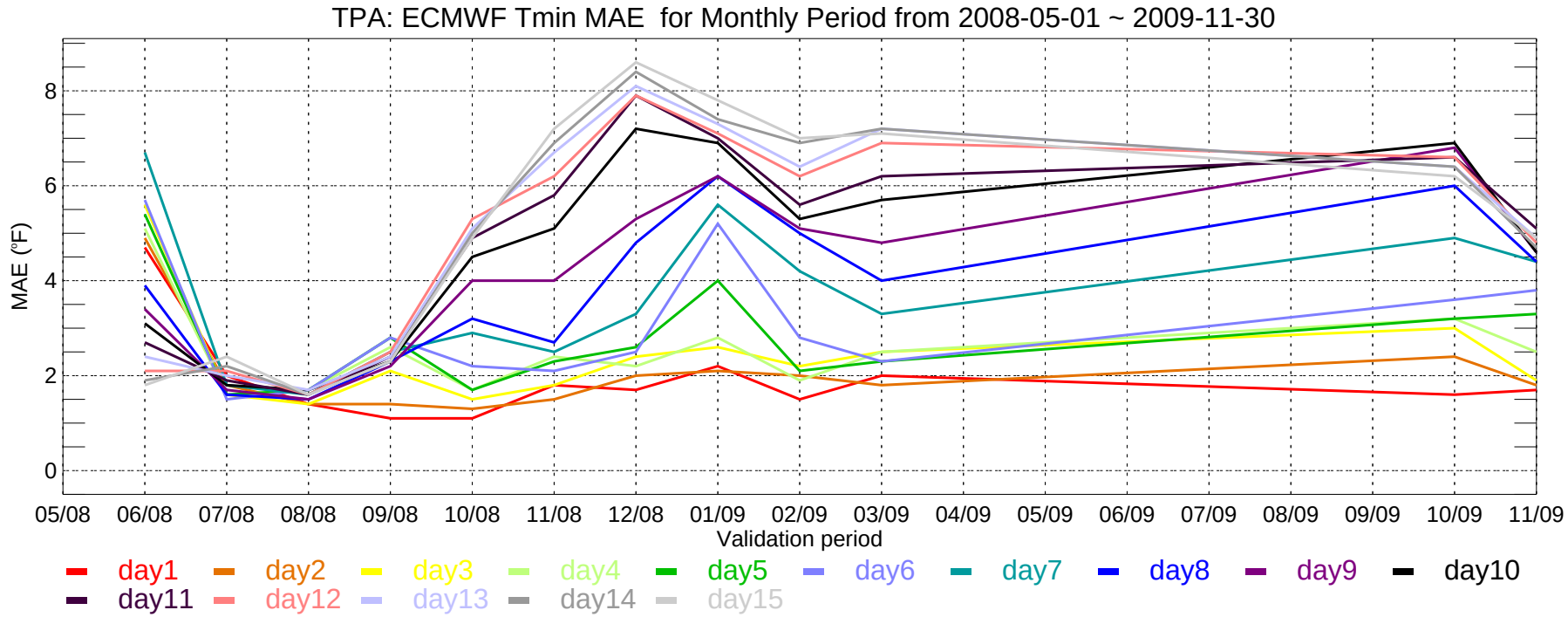

TLH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

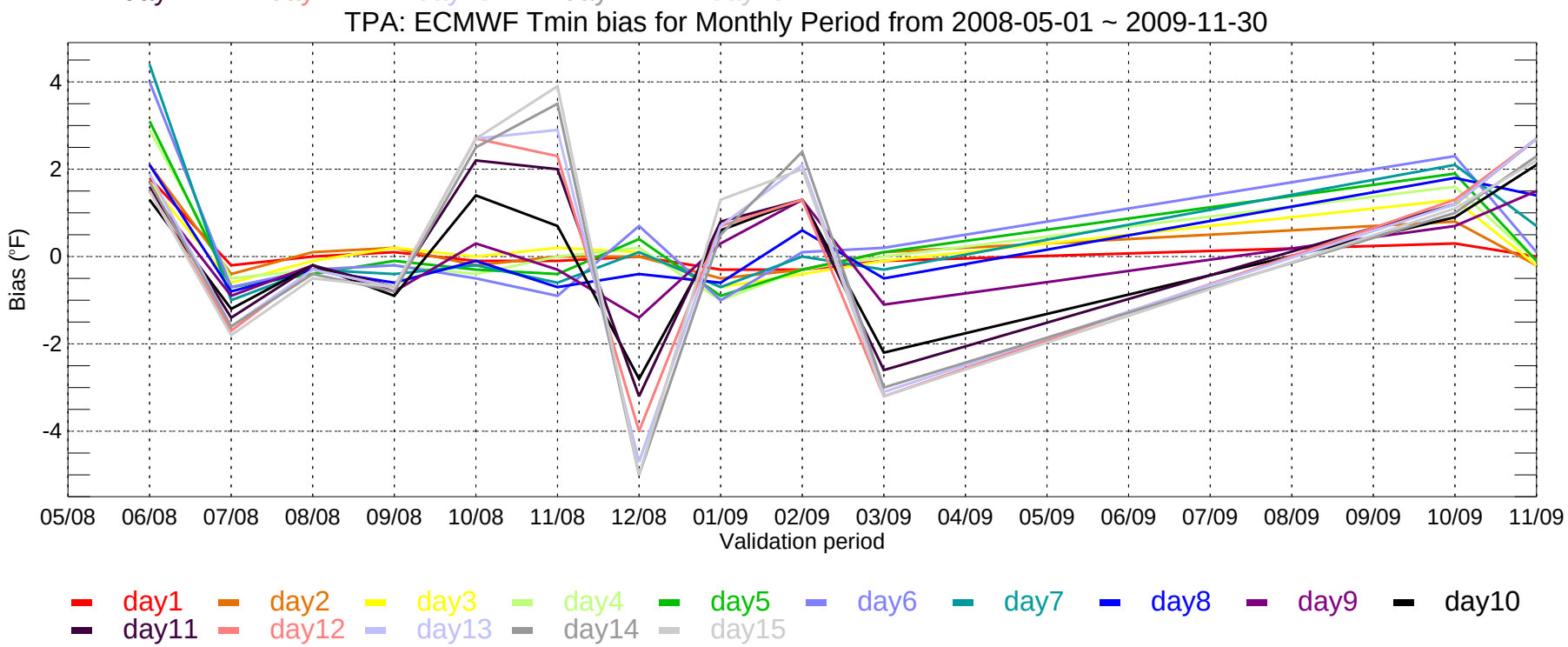

TLH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

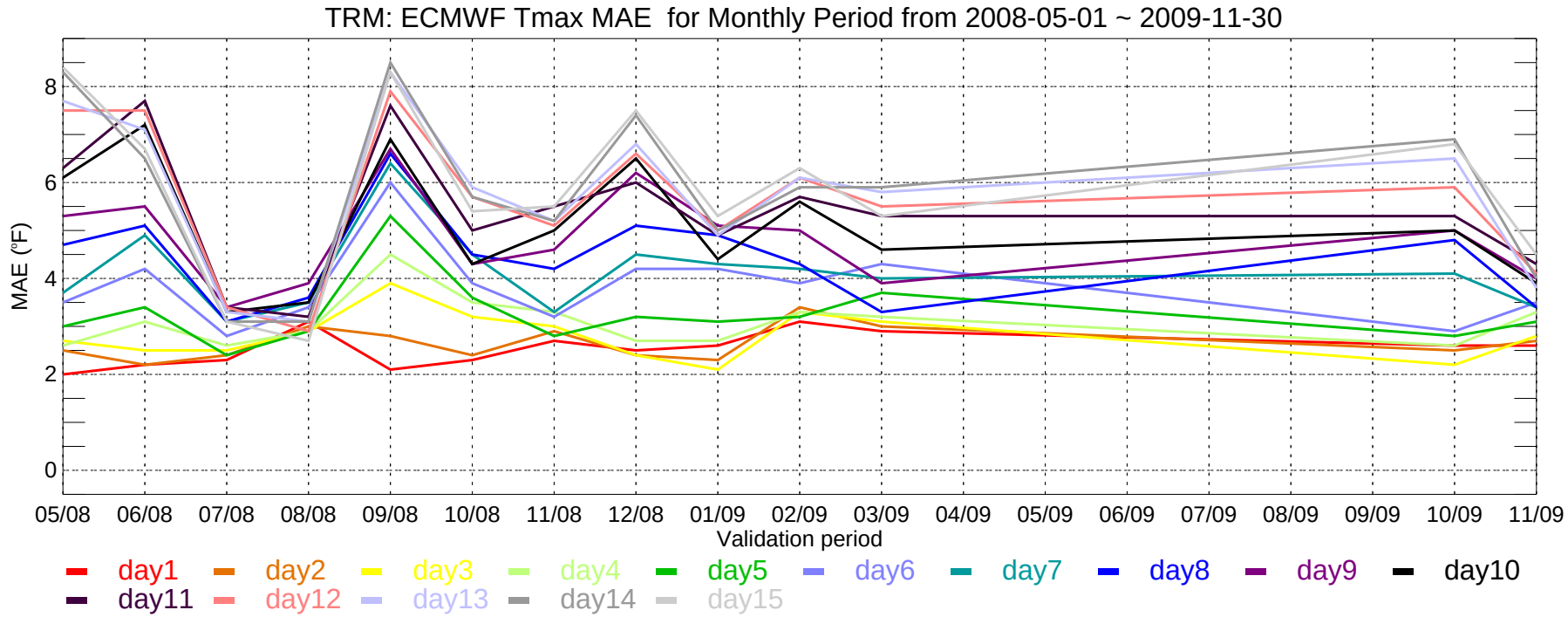

TLH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

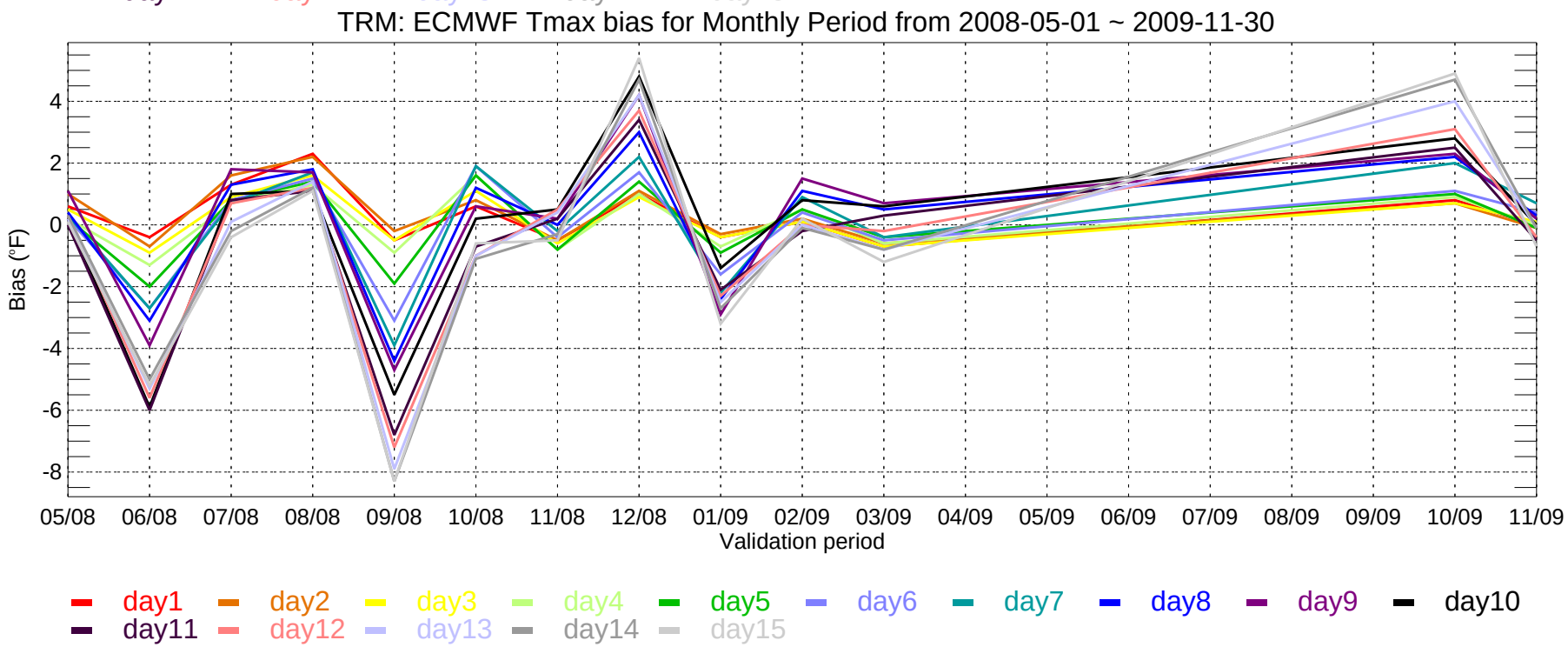

TPA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

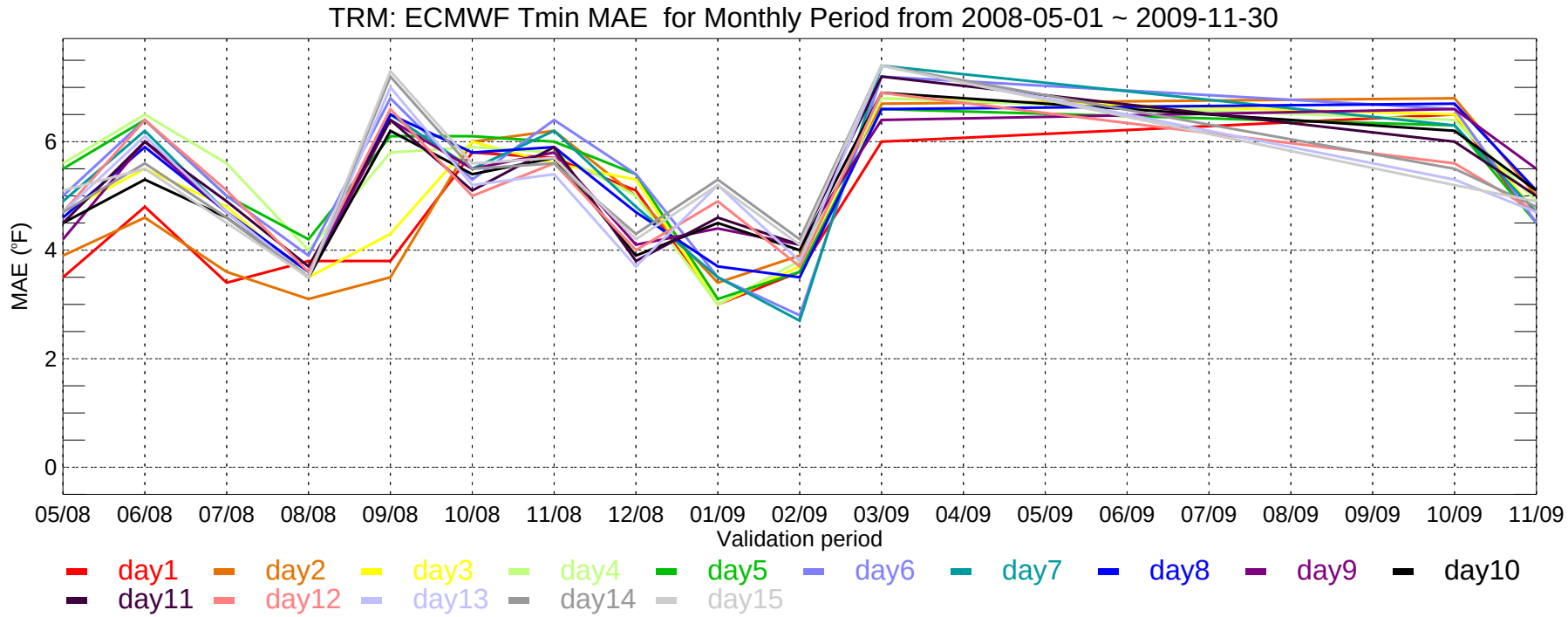

TPA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
-4
-2
0
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

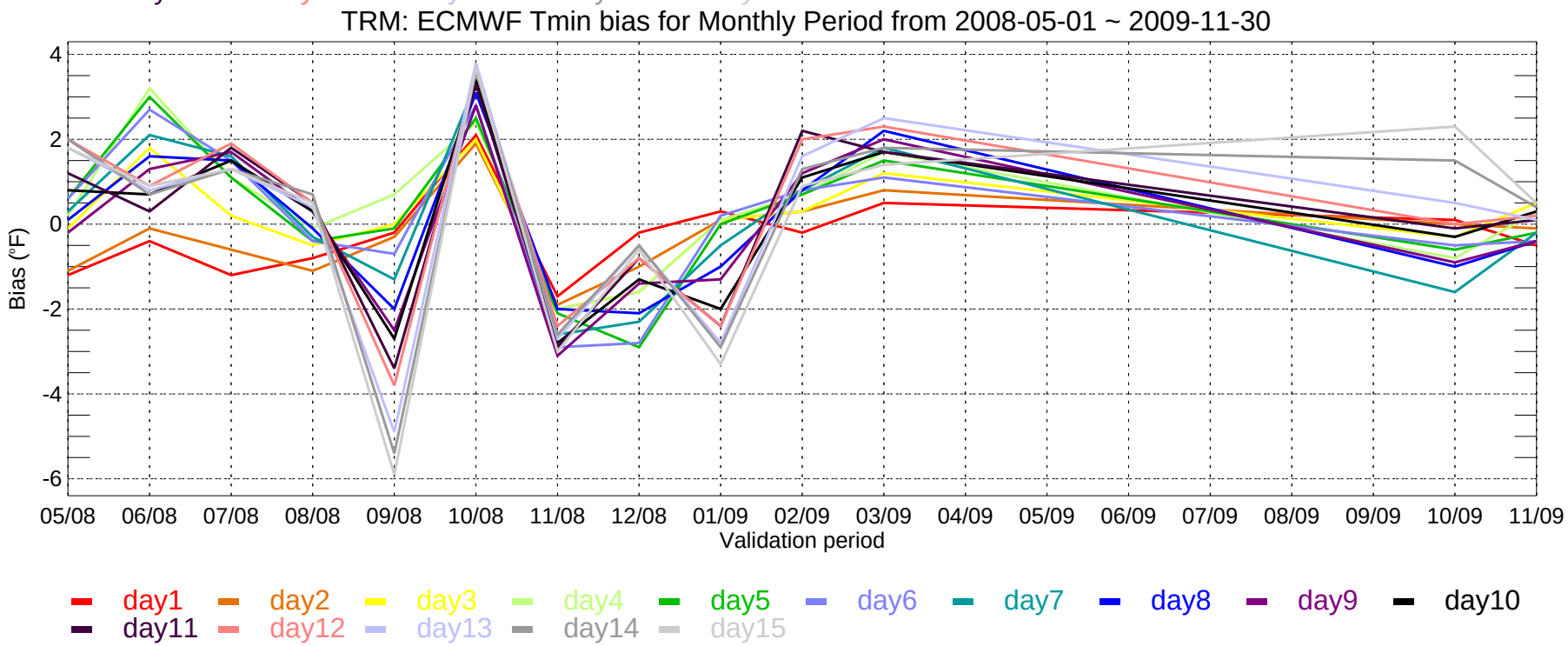

TPA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

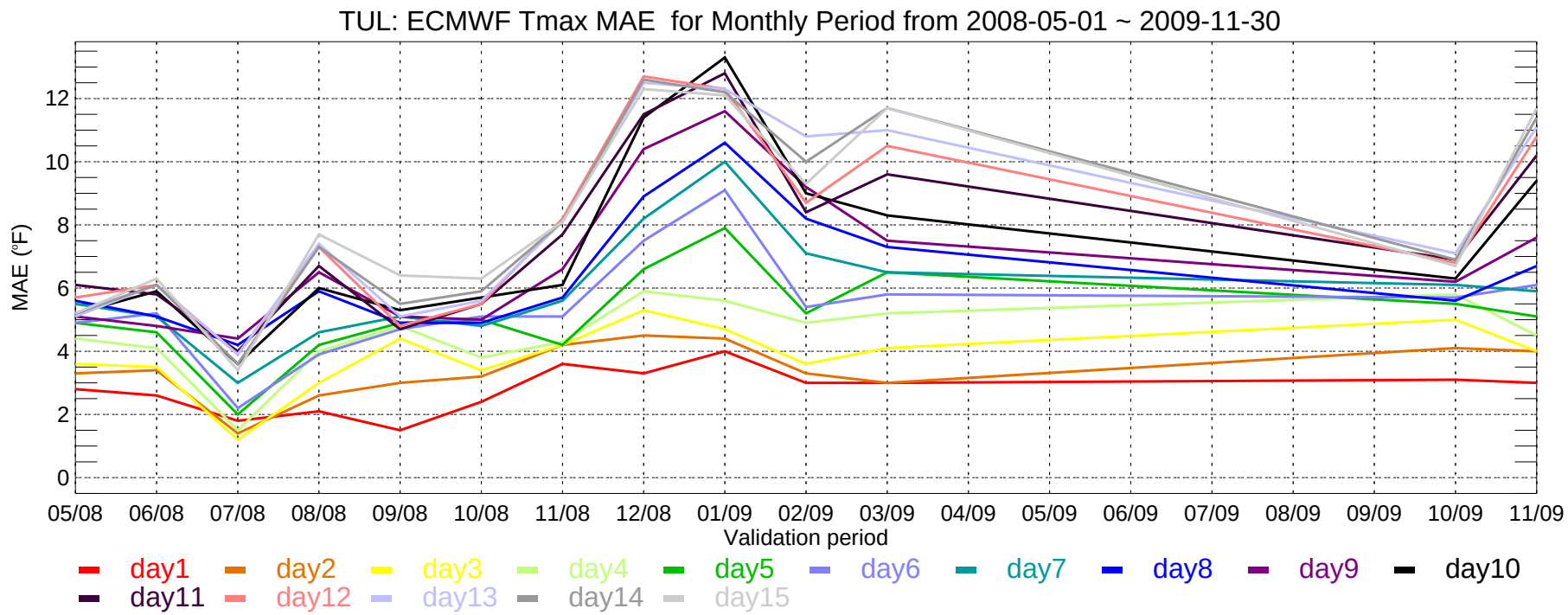

TPA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

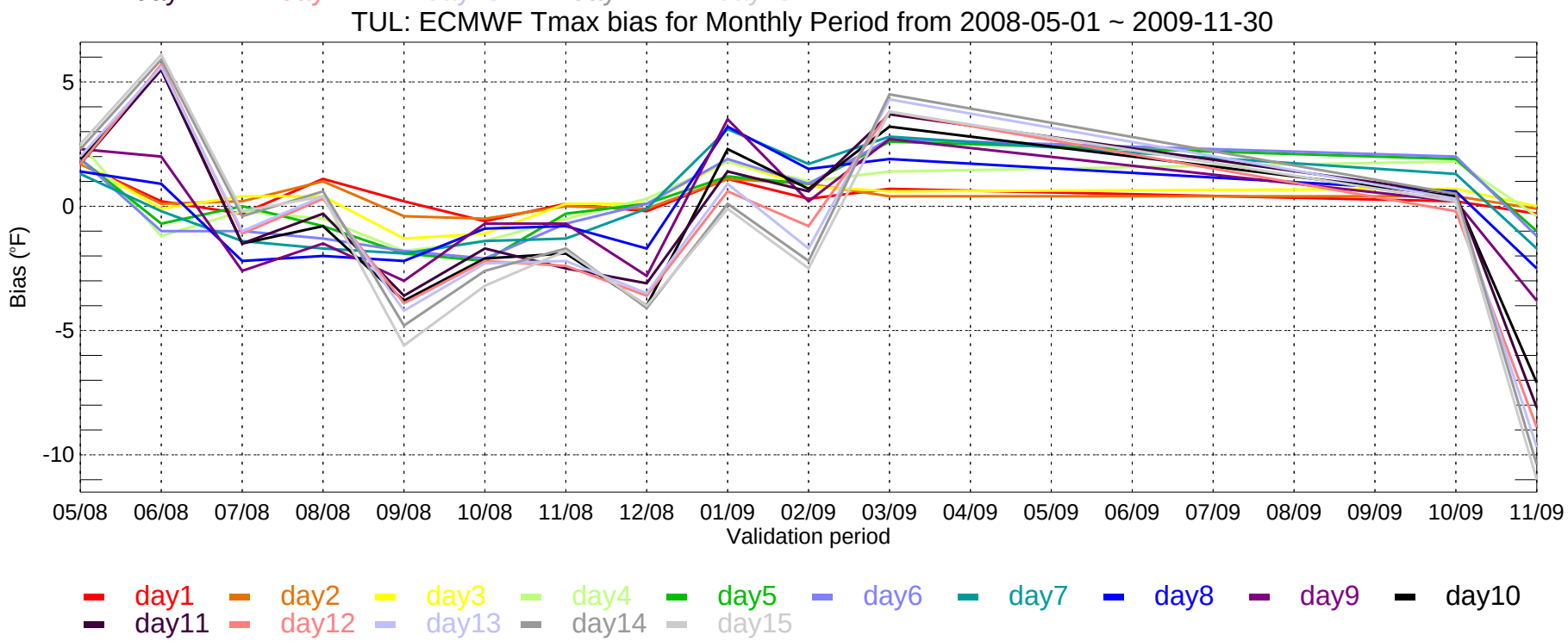

TRM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

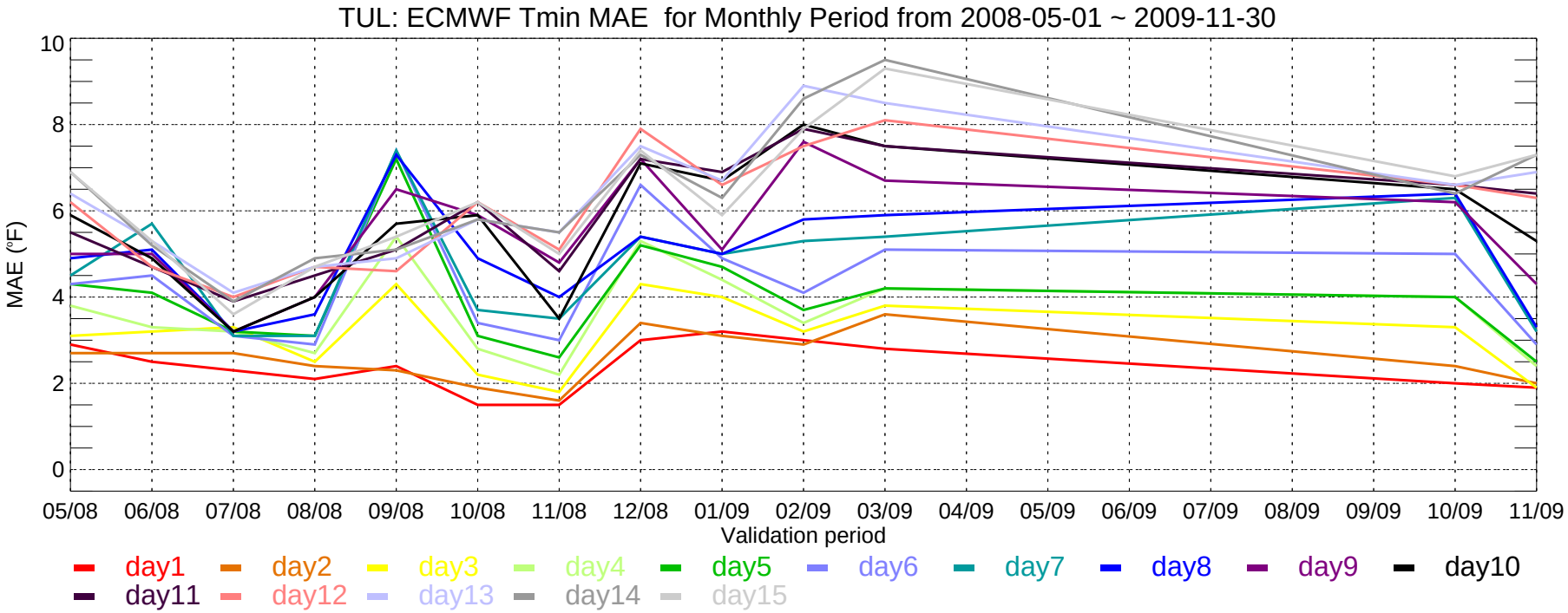

TRM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

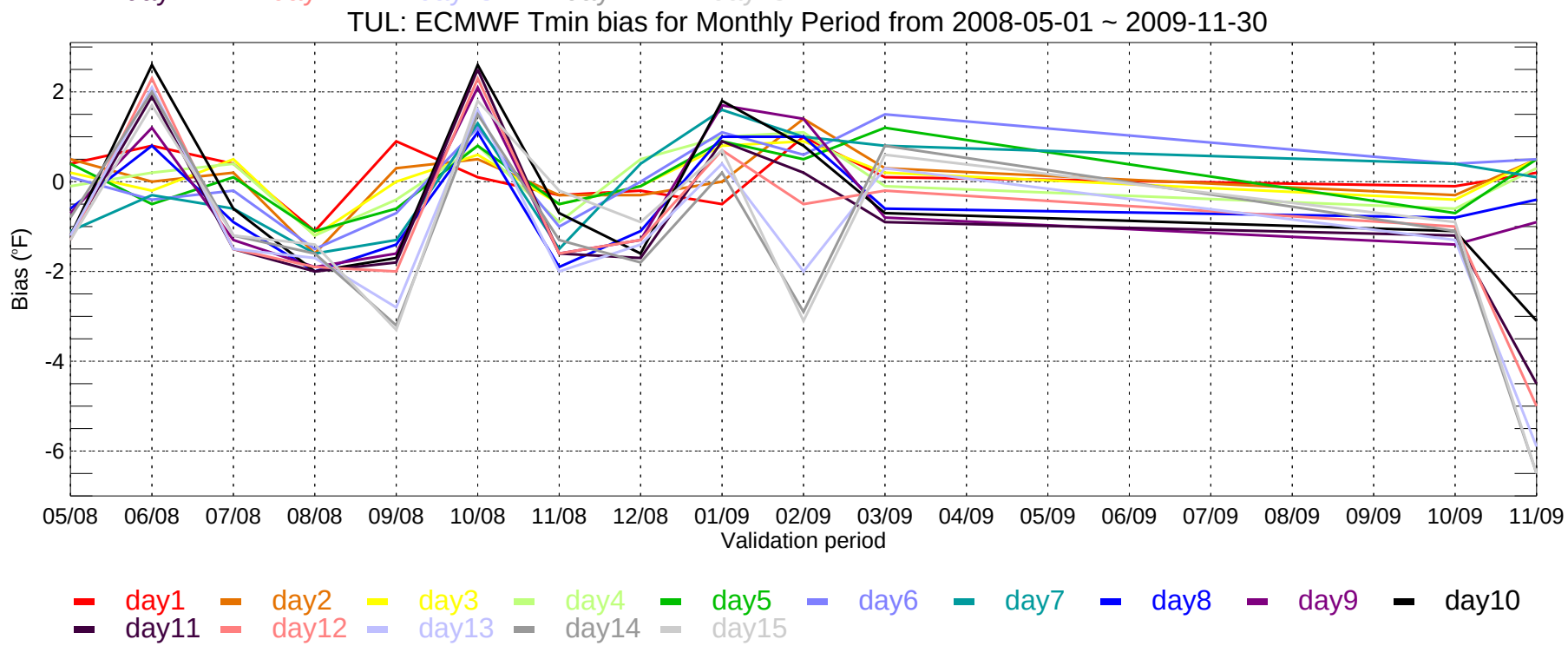

TRM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

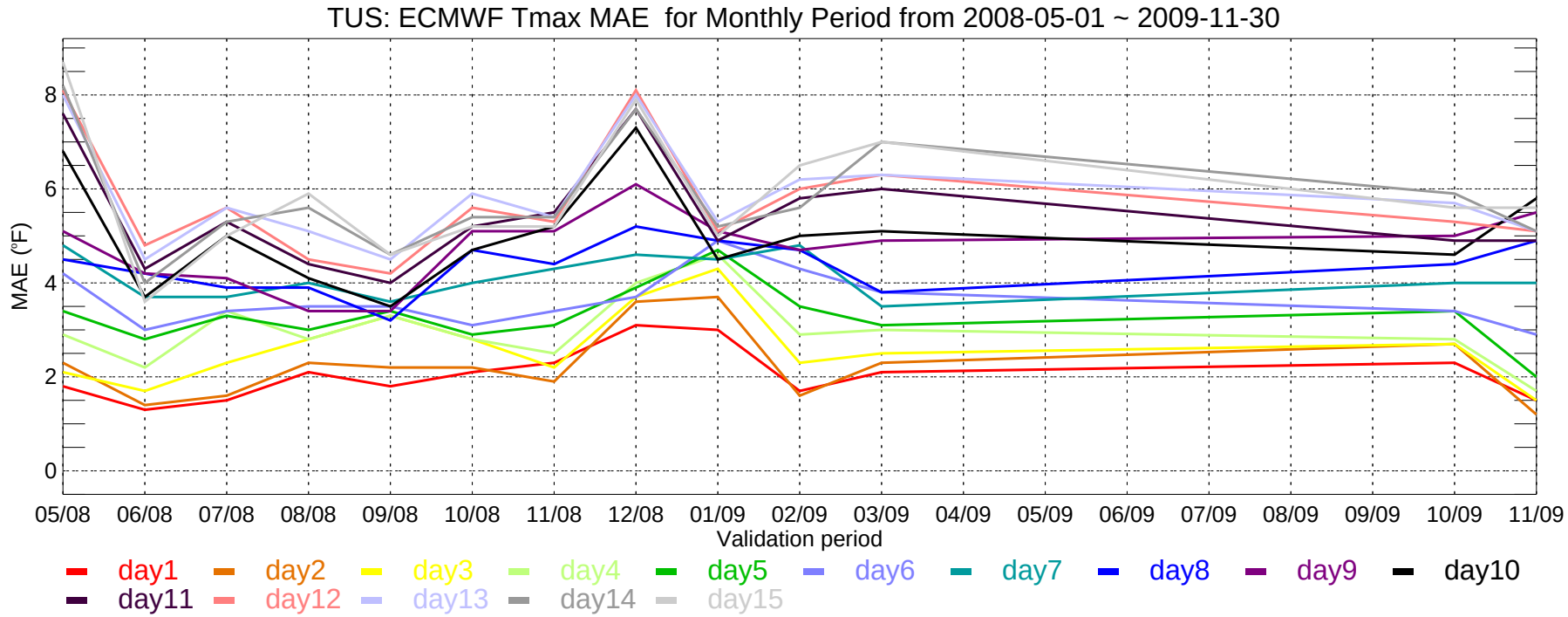

TRM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

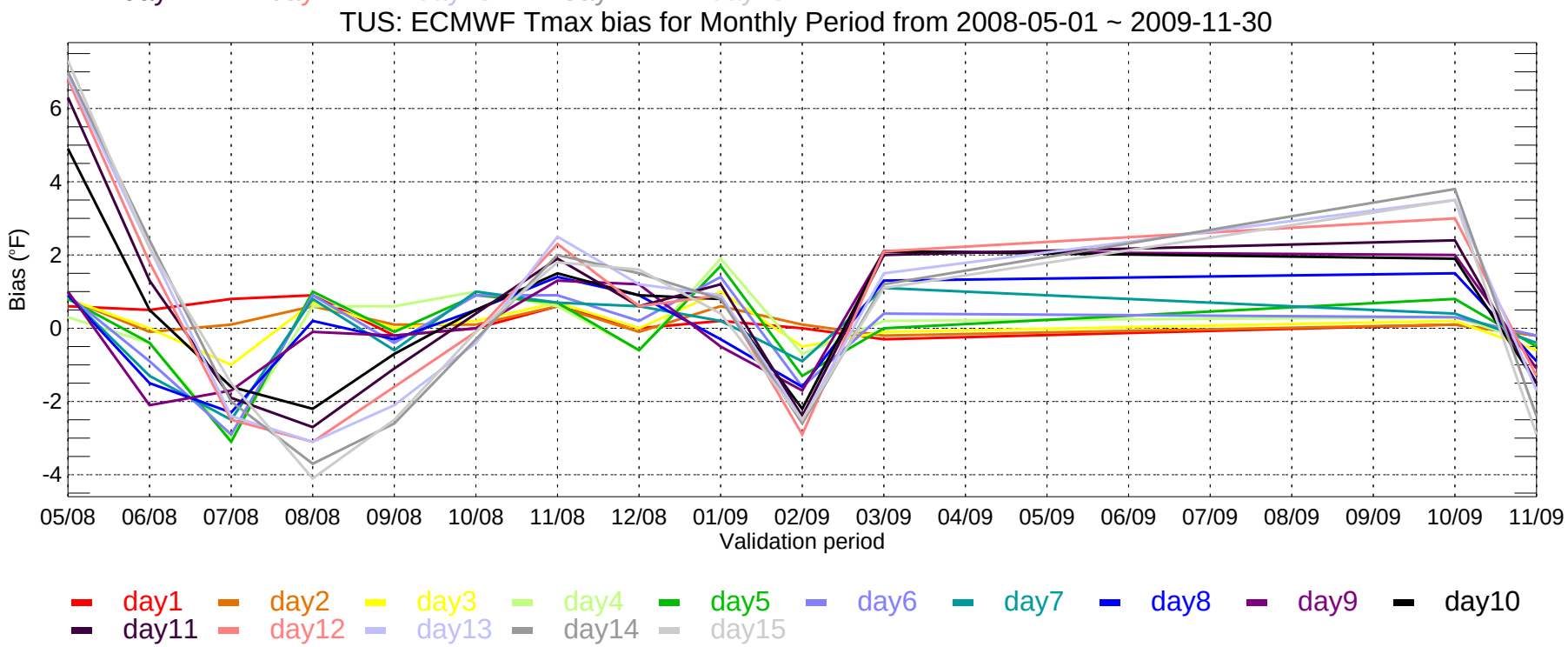

TUL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


TUL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
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day12
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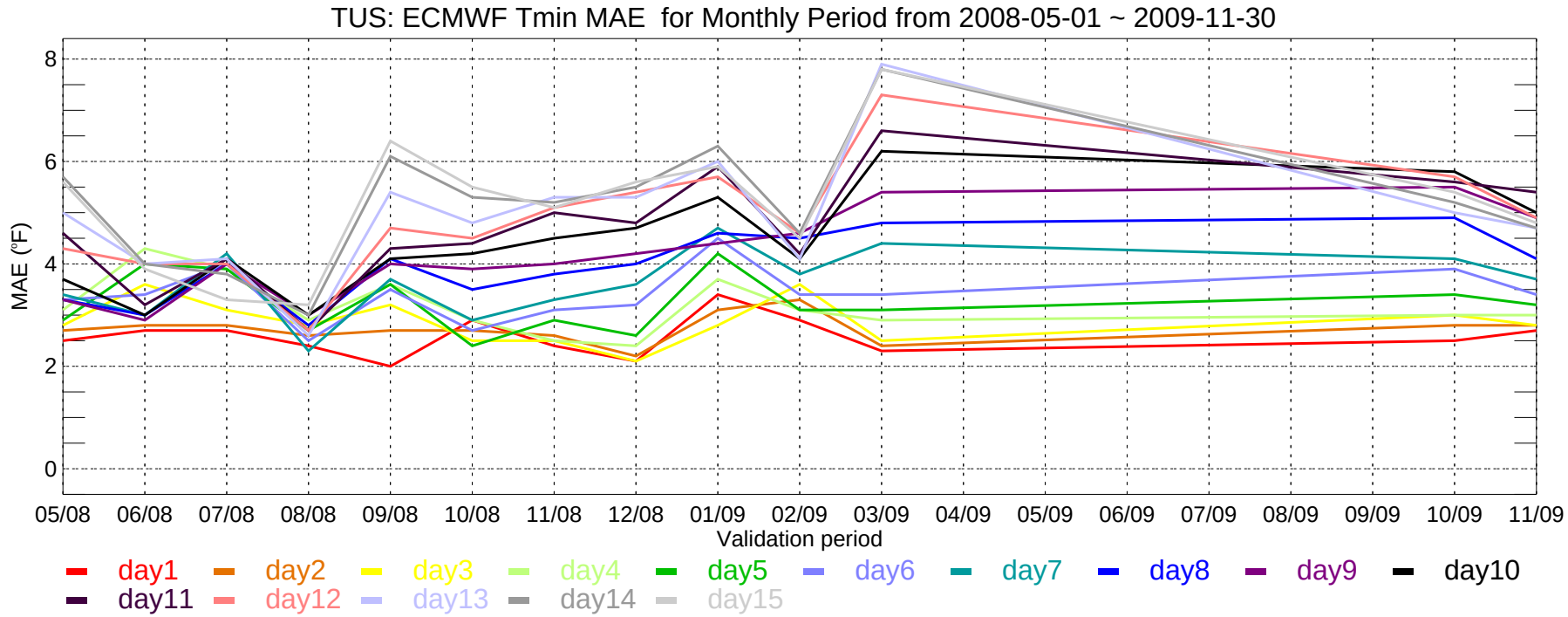
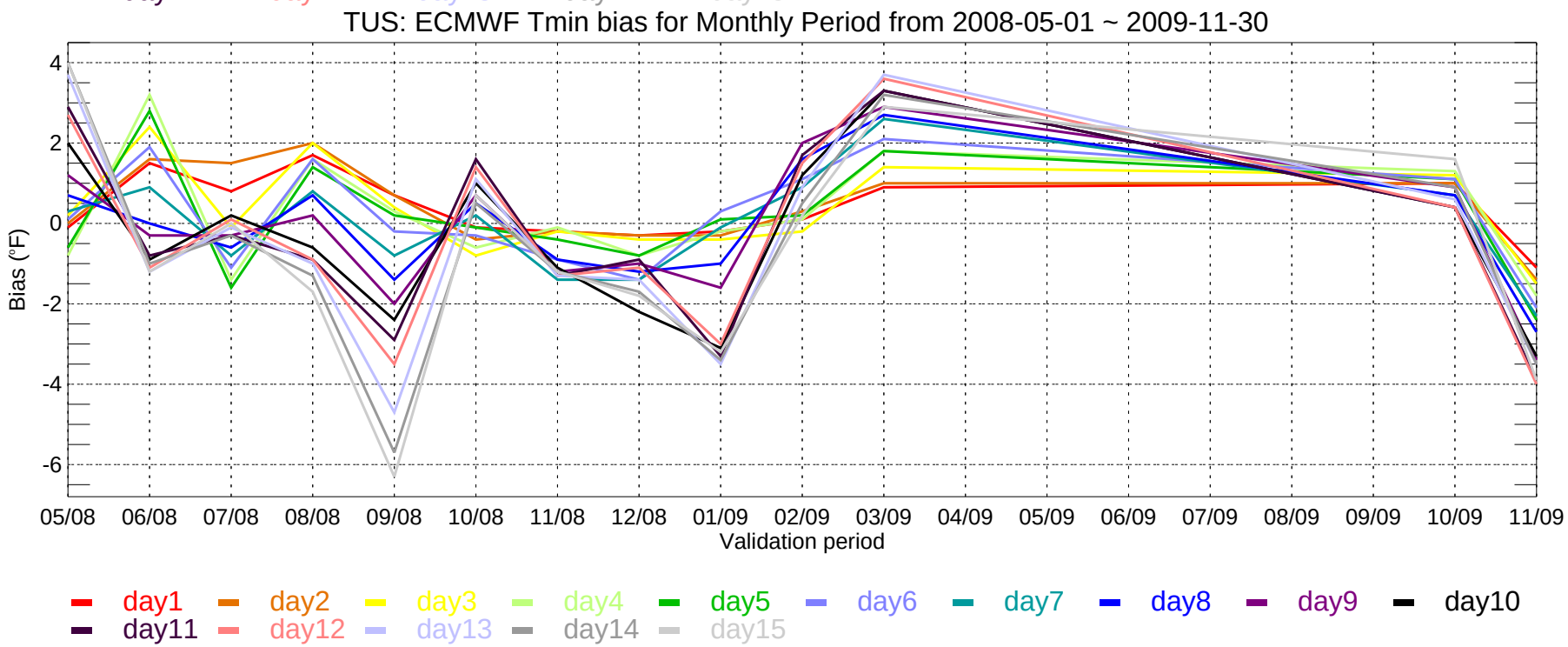
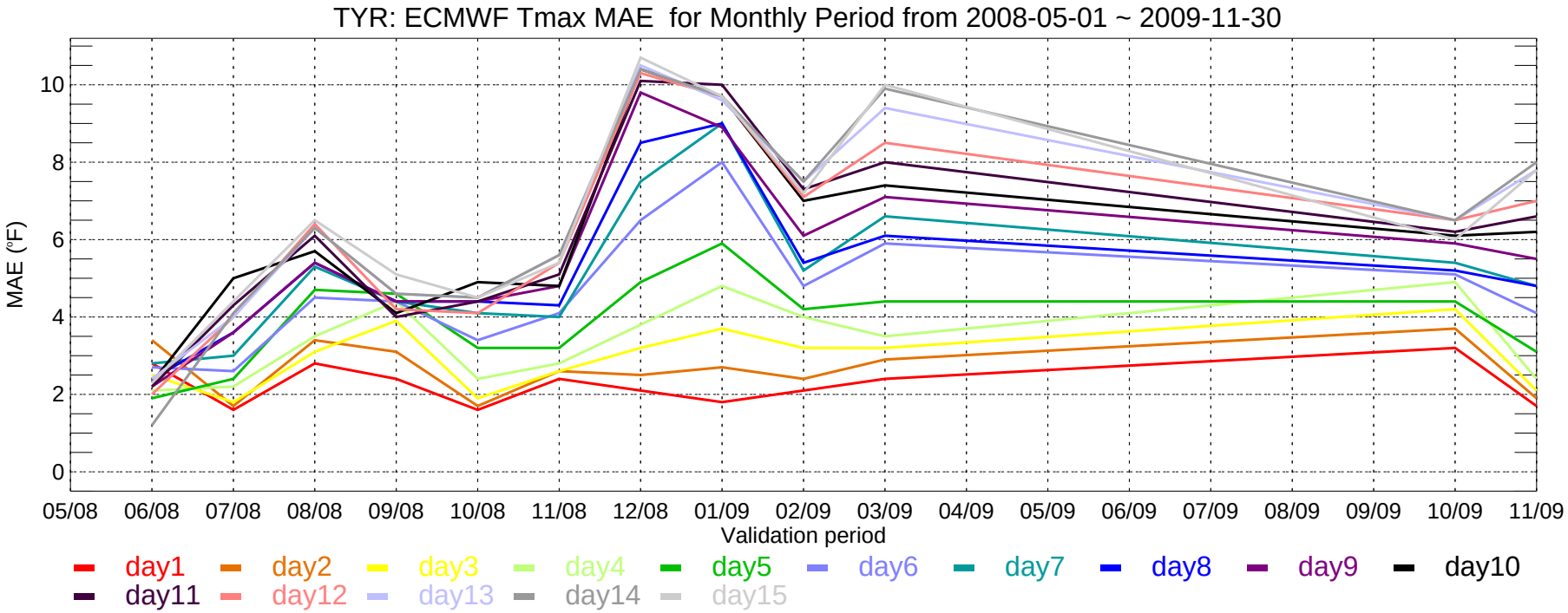
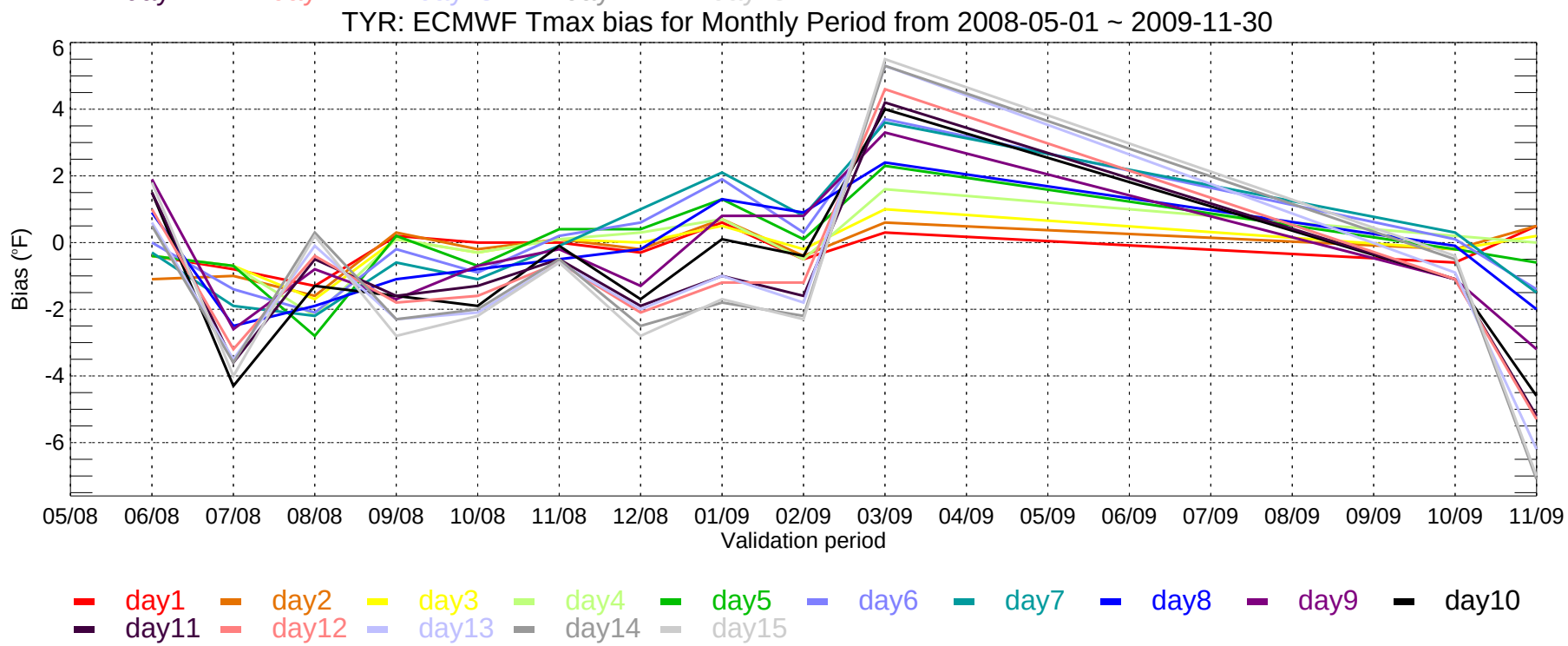
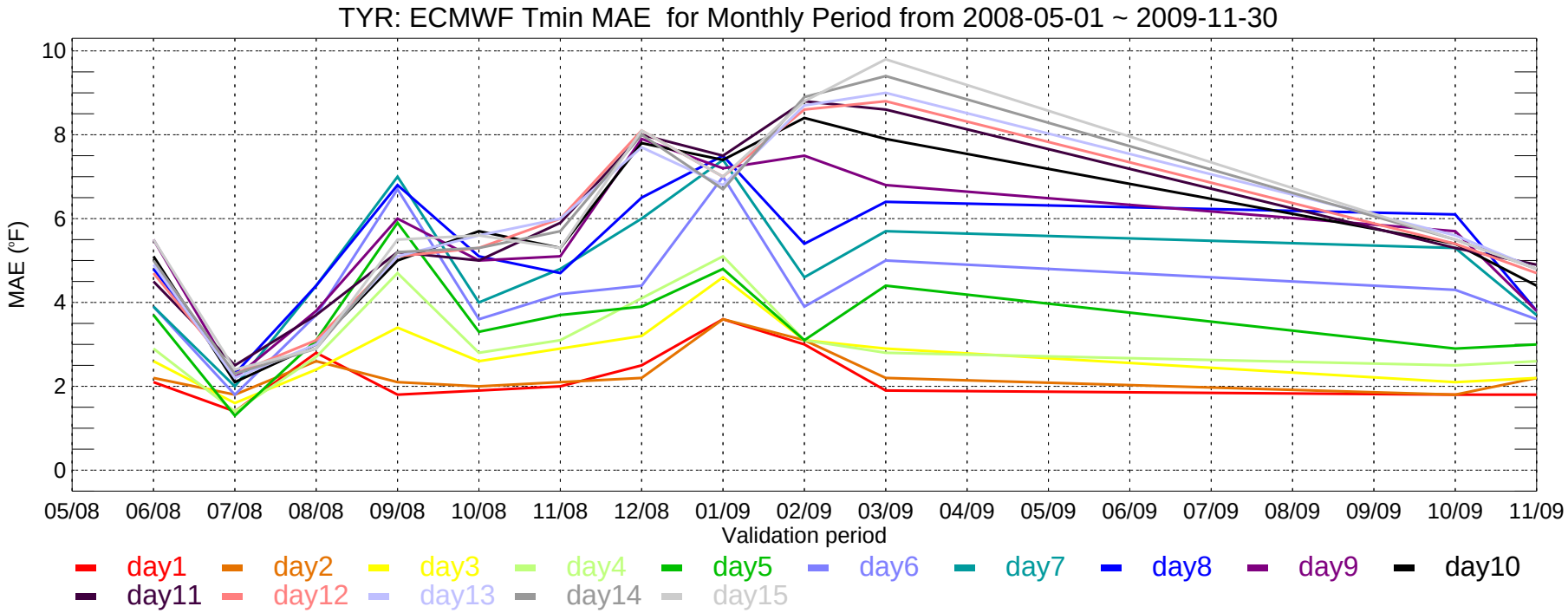
day14
day15

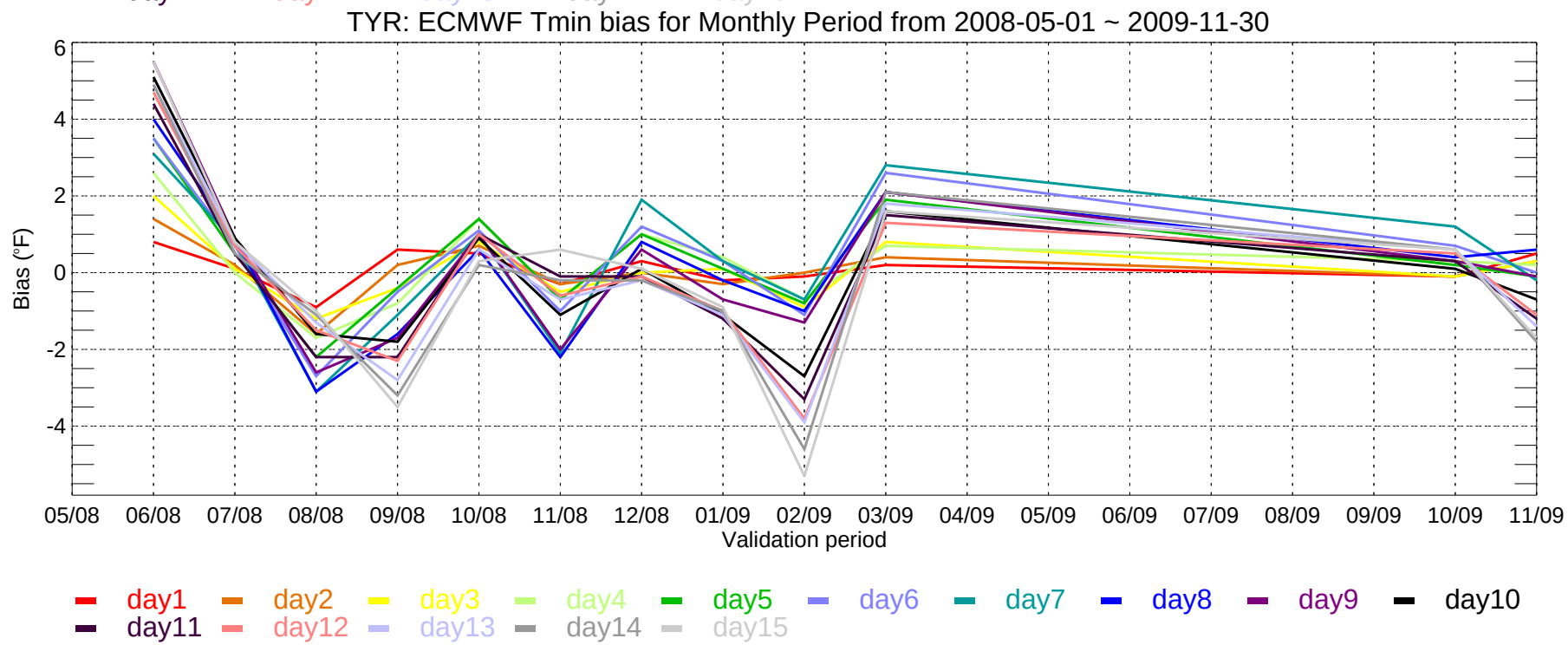

TUS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

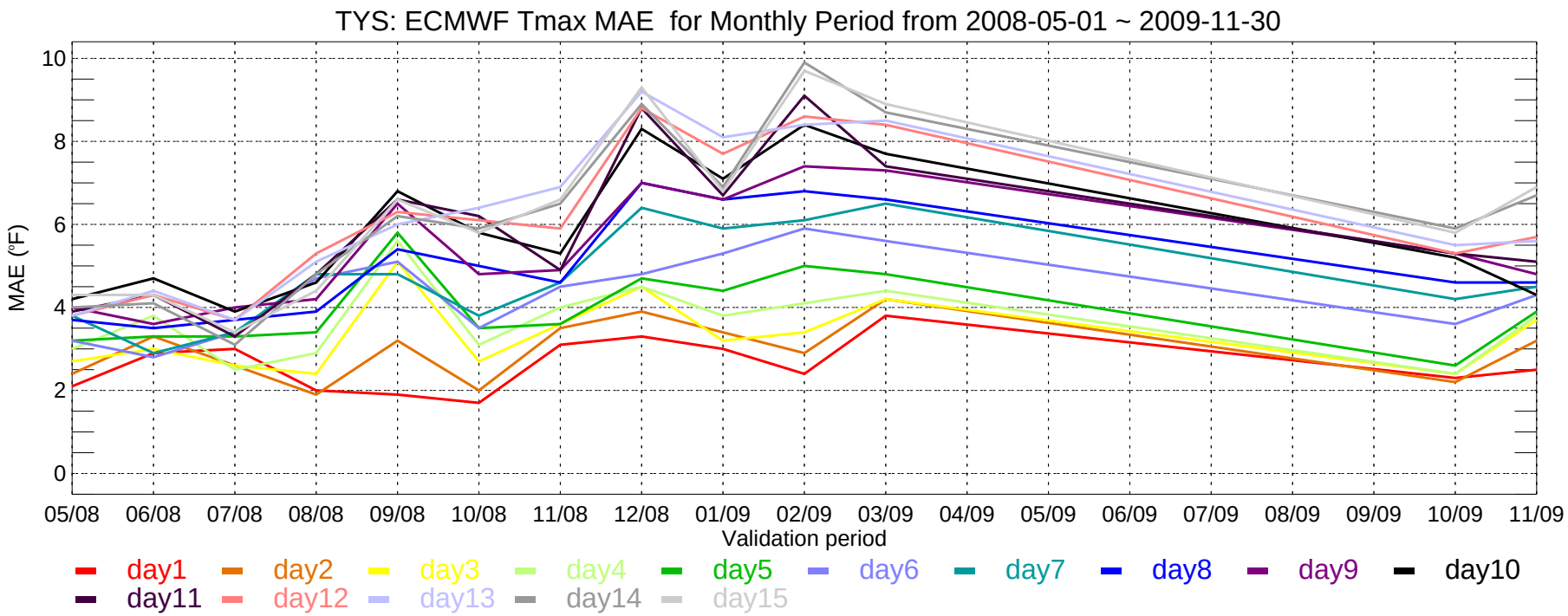

TUS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

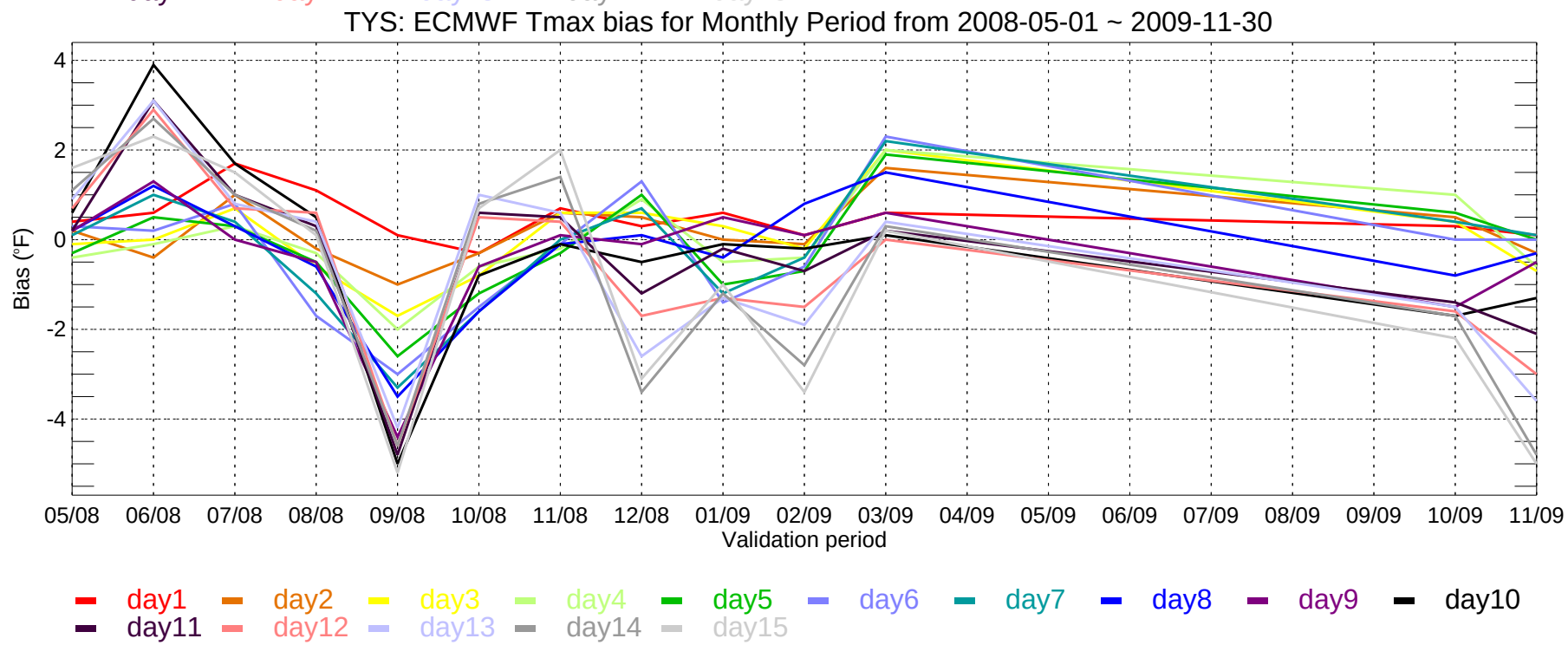

TYR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

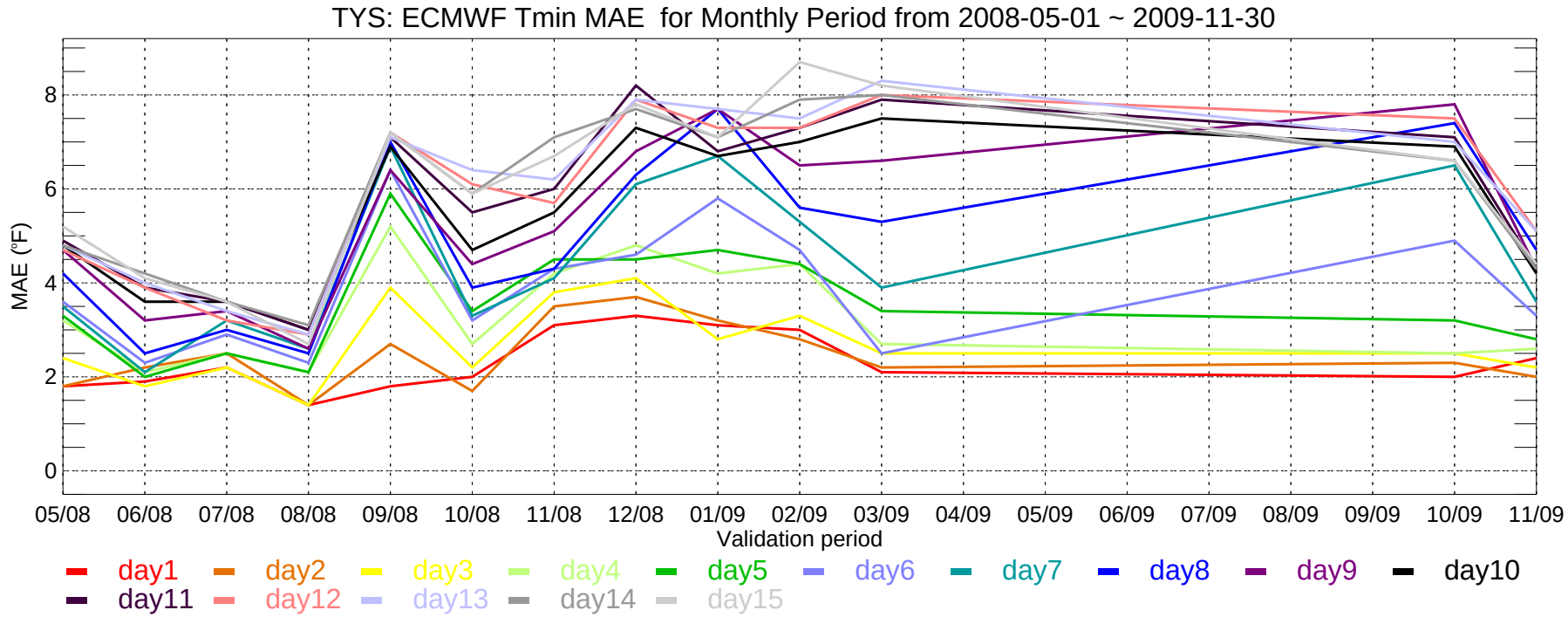

TYR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

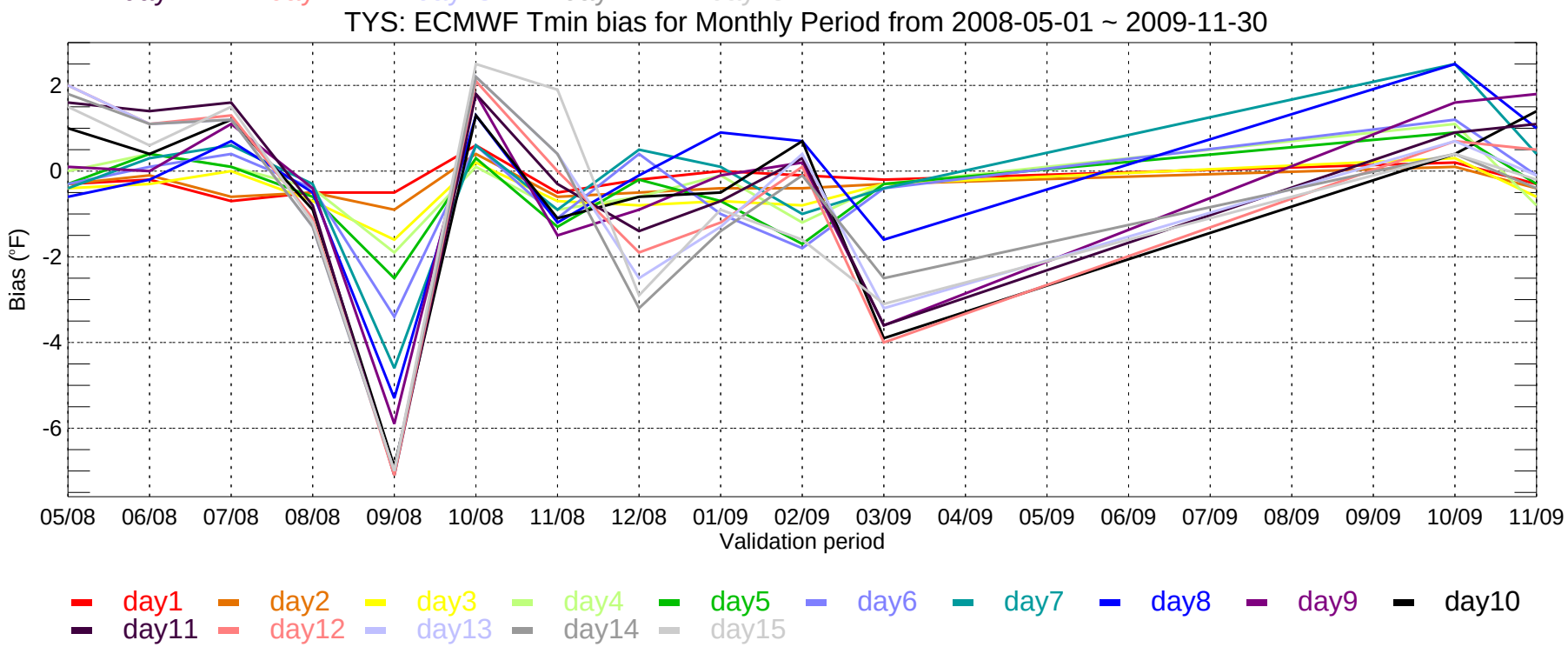

TYR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


TYR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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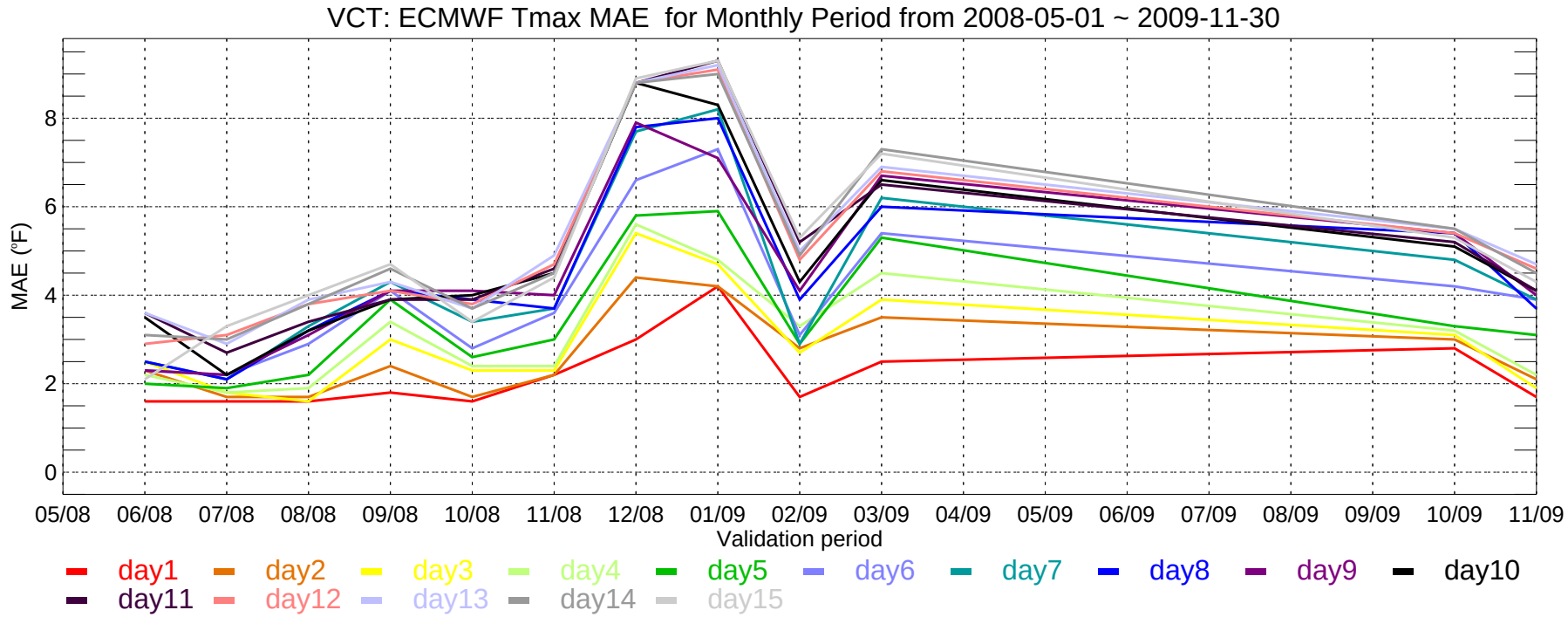
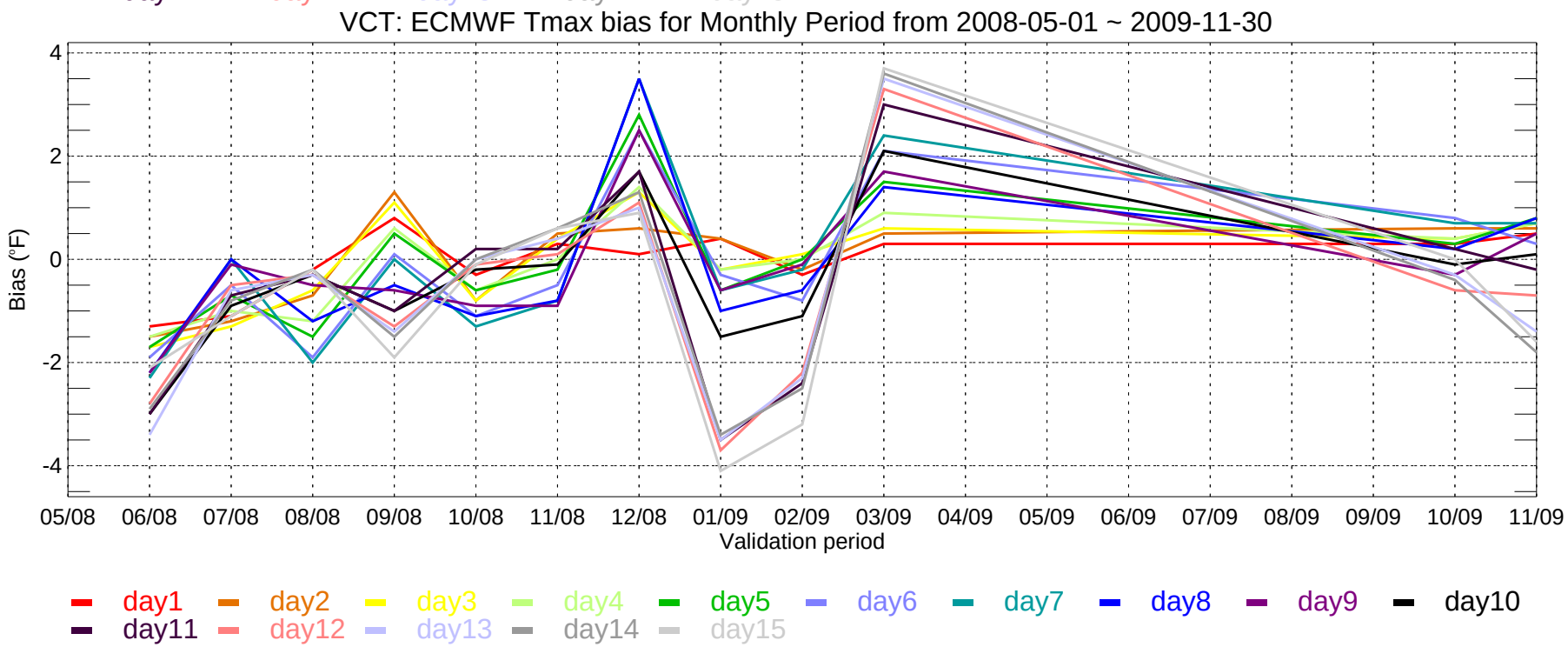
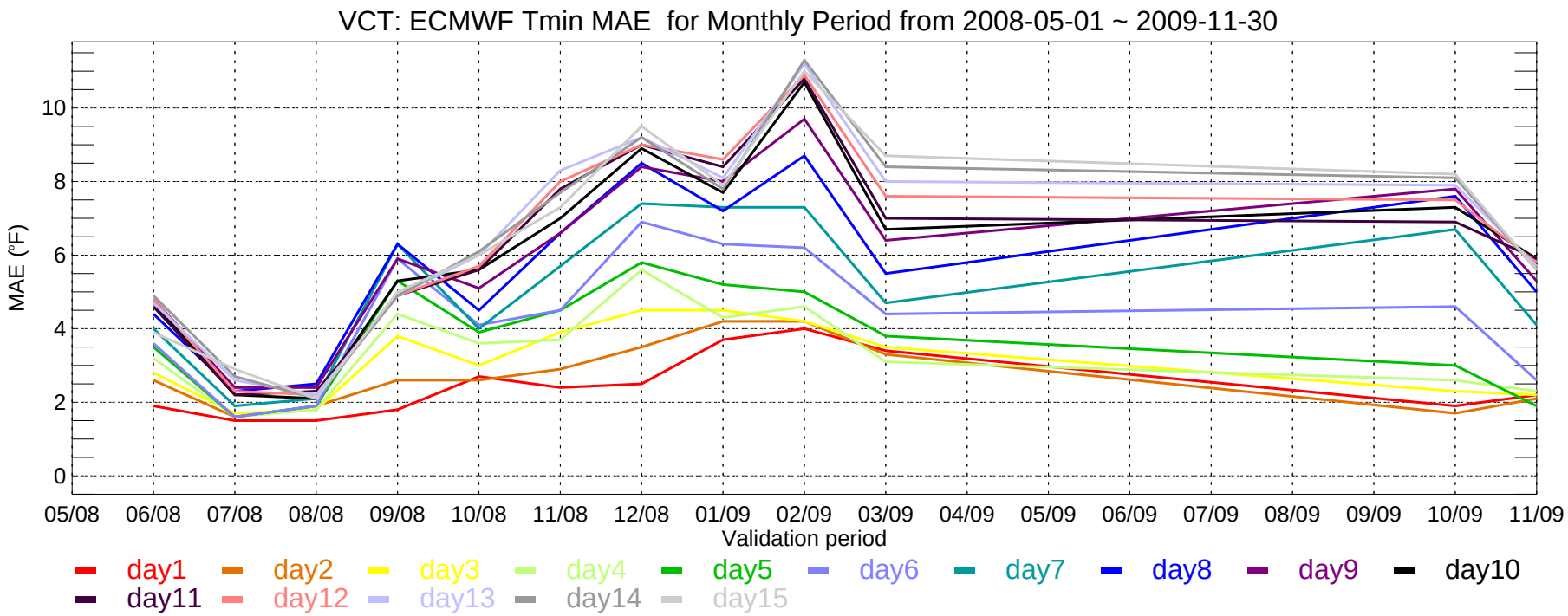
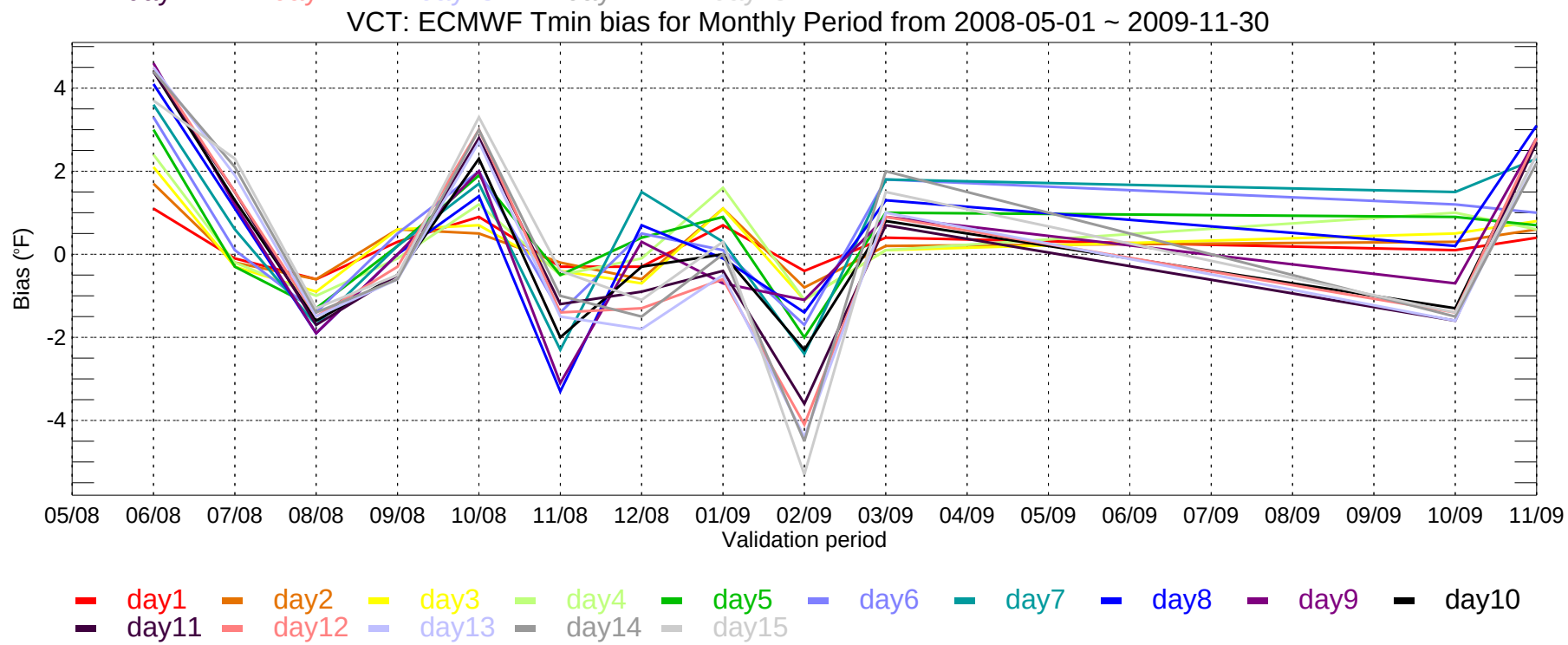
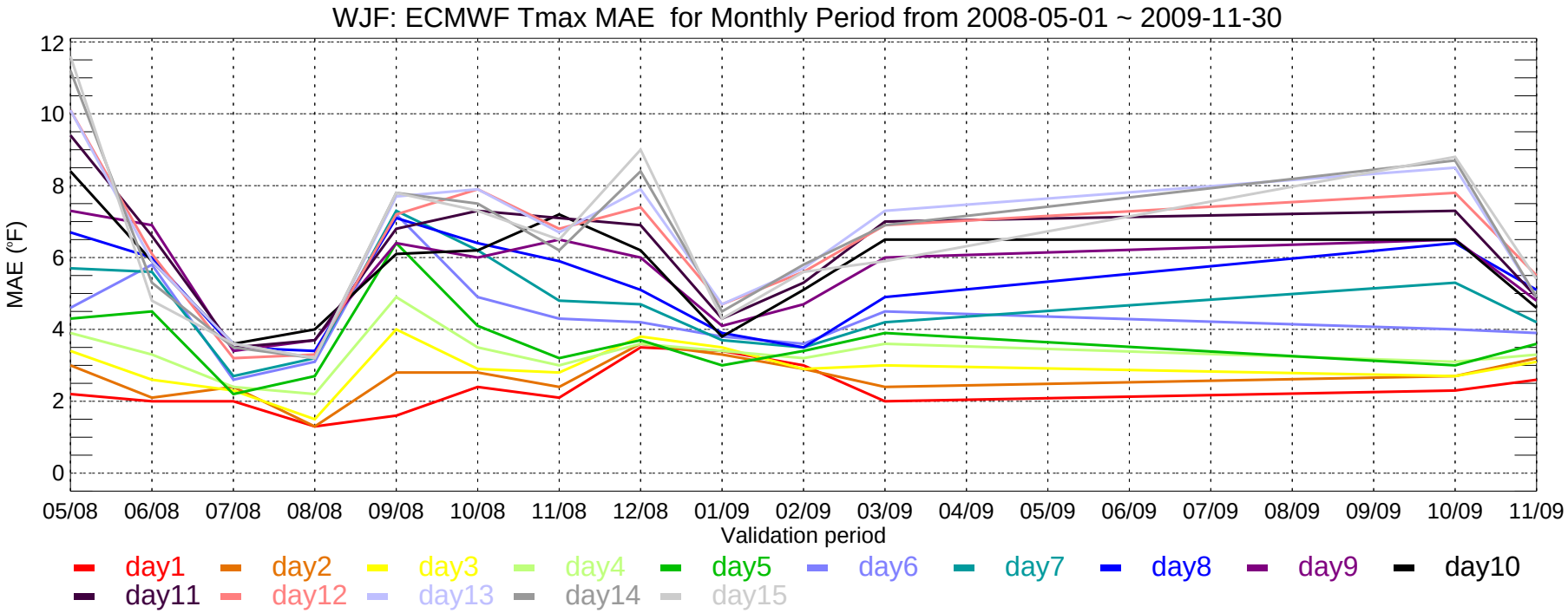
day10
day11
day12
day13
day14
day15

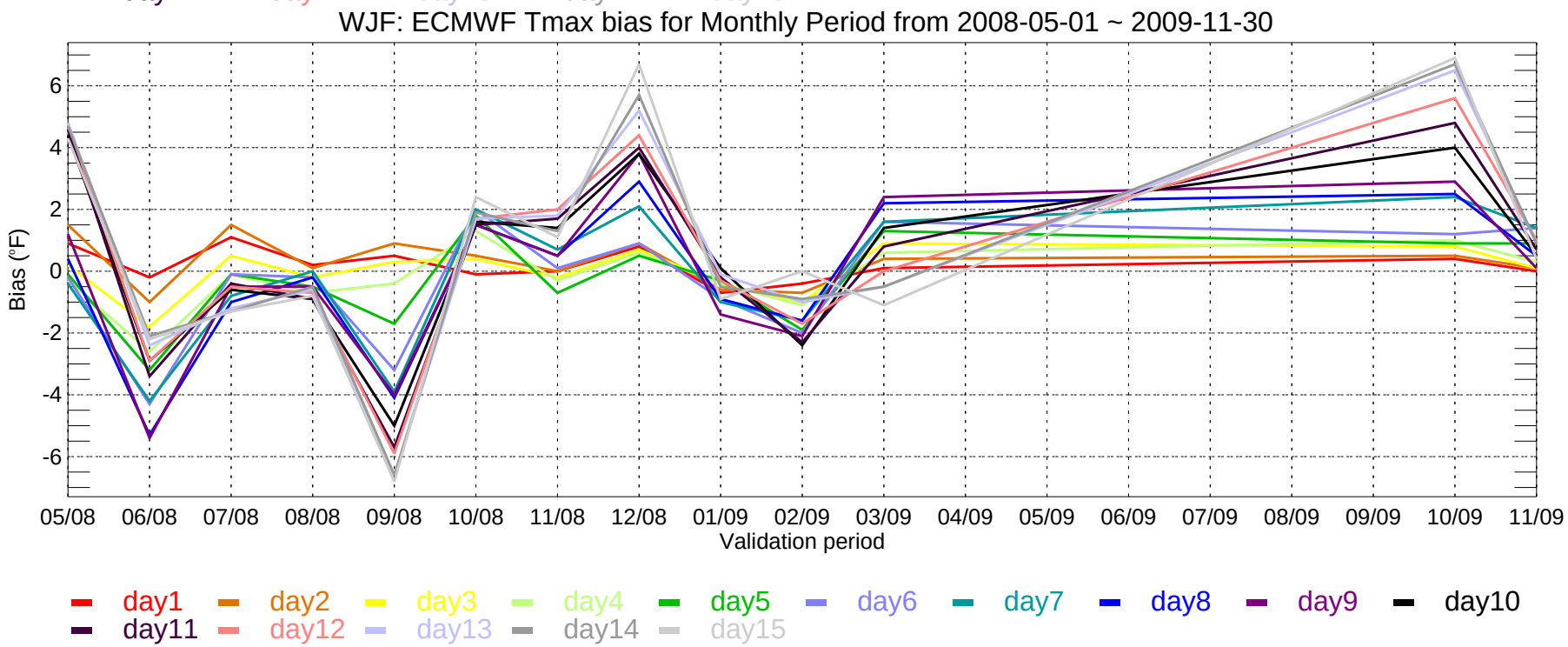

VCT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

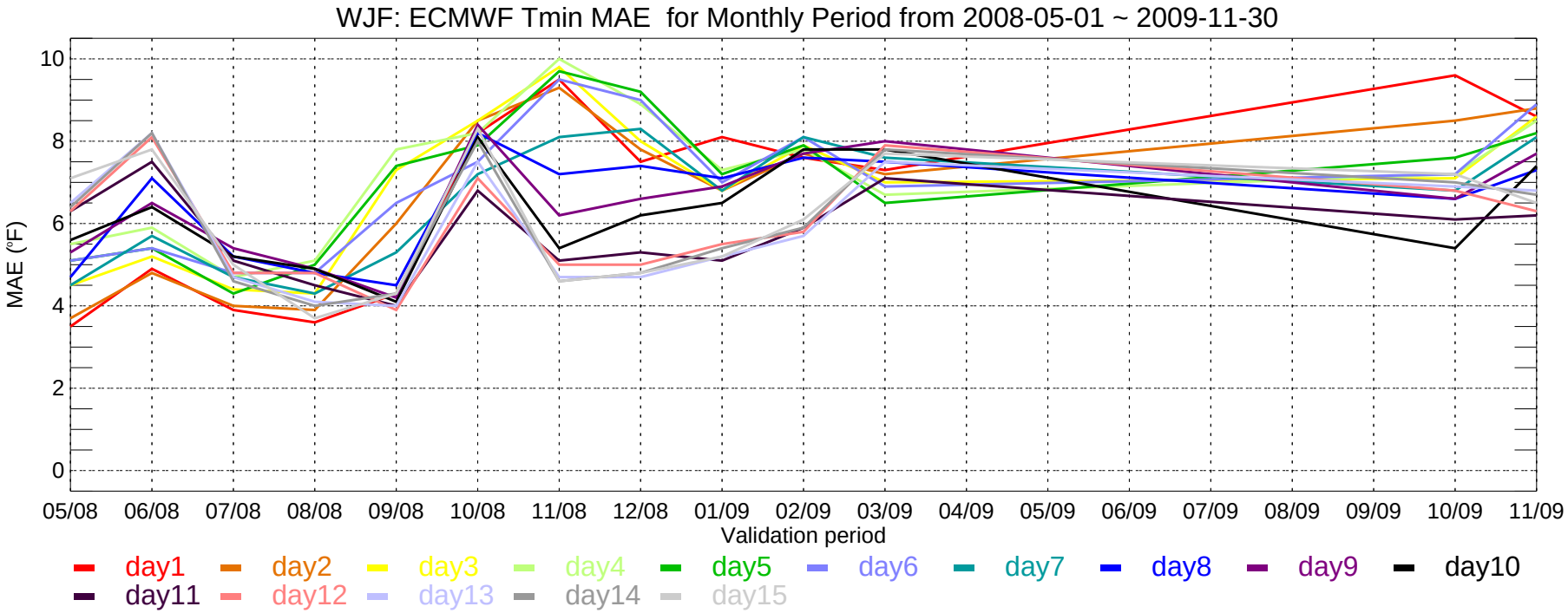

VCT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


VCT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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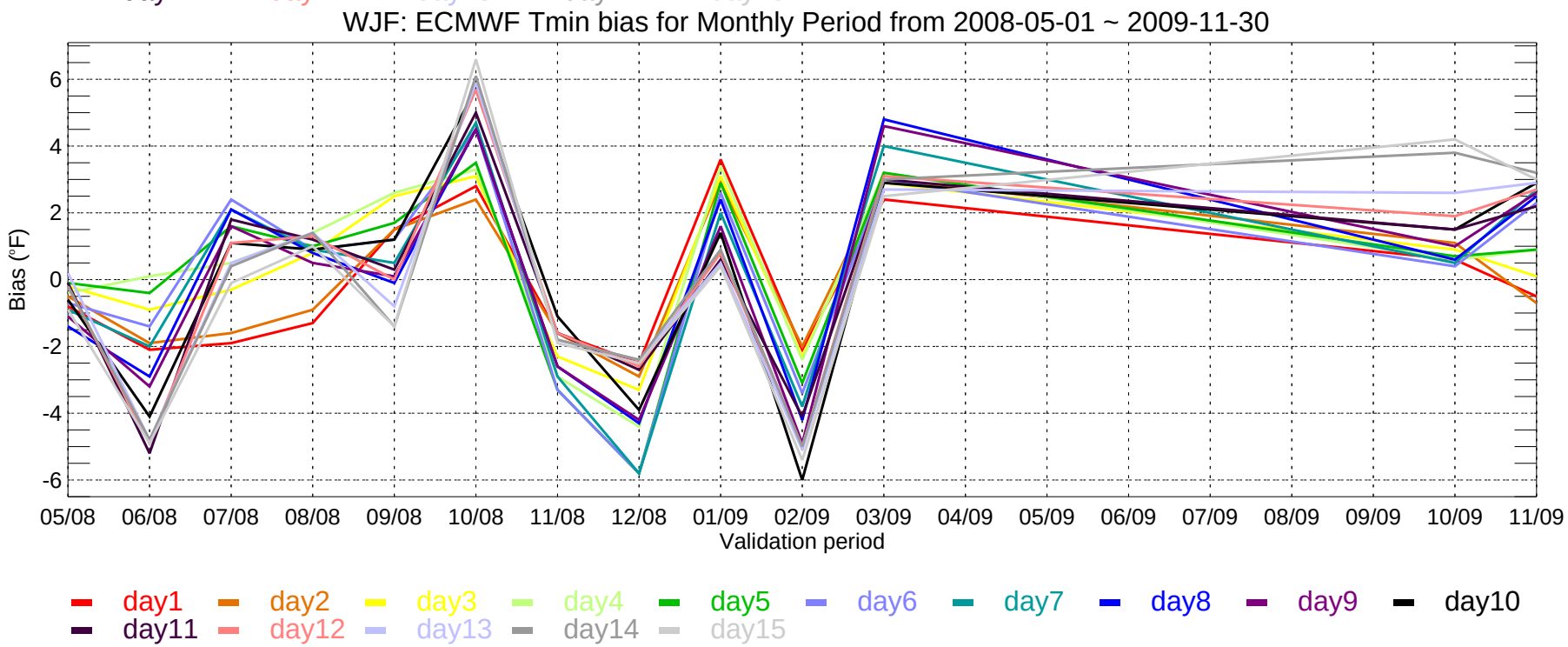
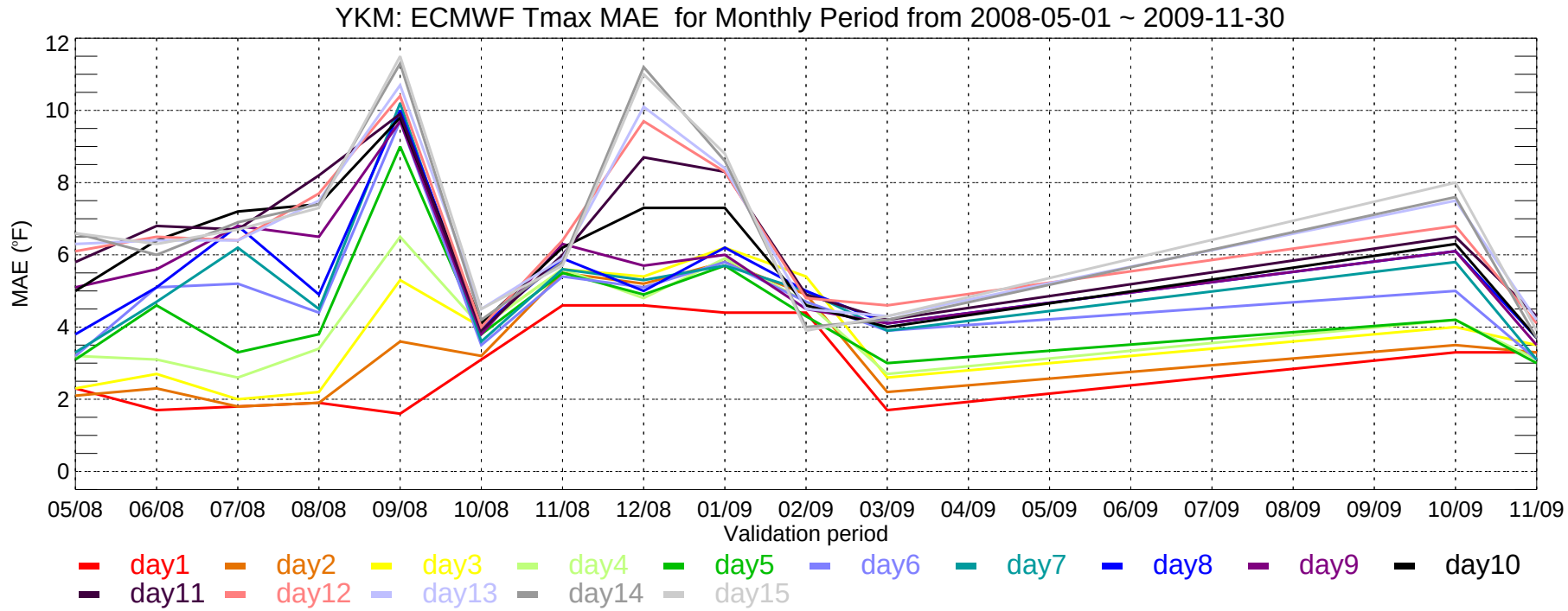
day10
day11
day12
day13
day14
day15


WJF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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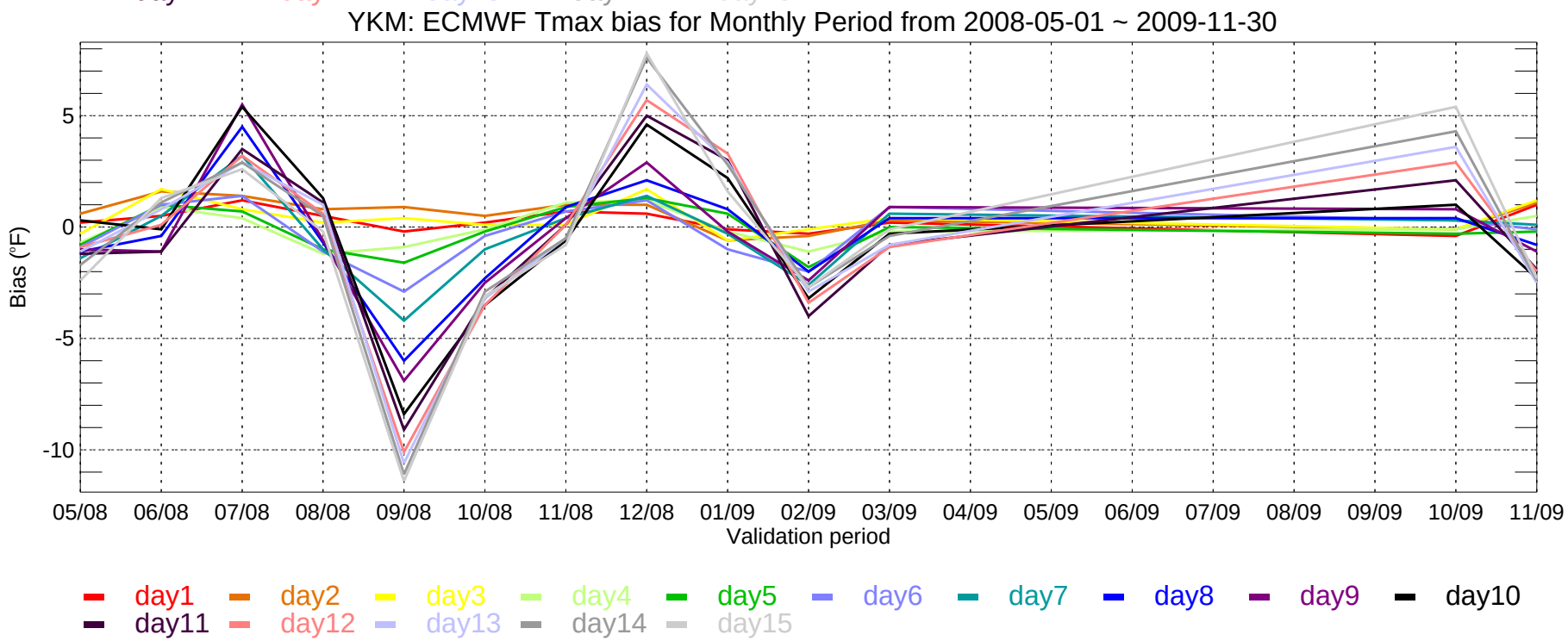
day10
day11
day12
day13
day14
day15


YKM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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day7
day8
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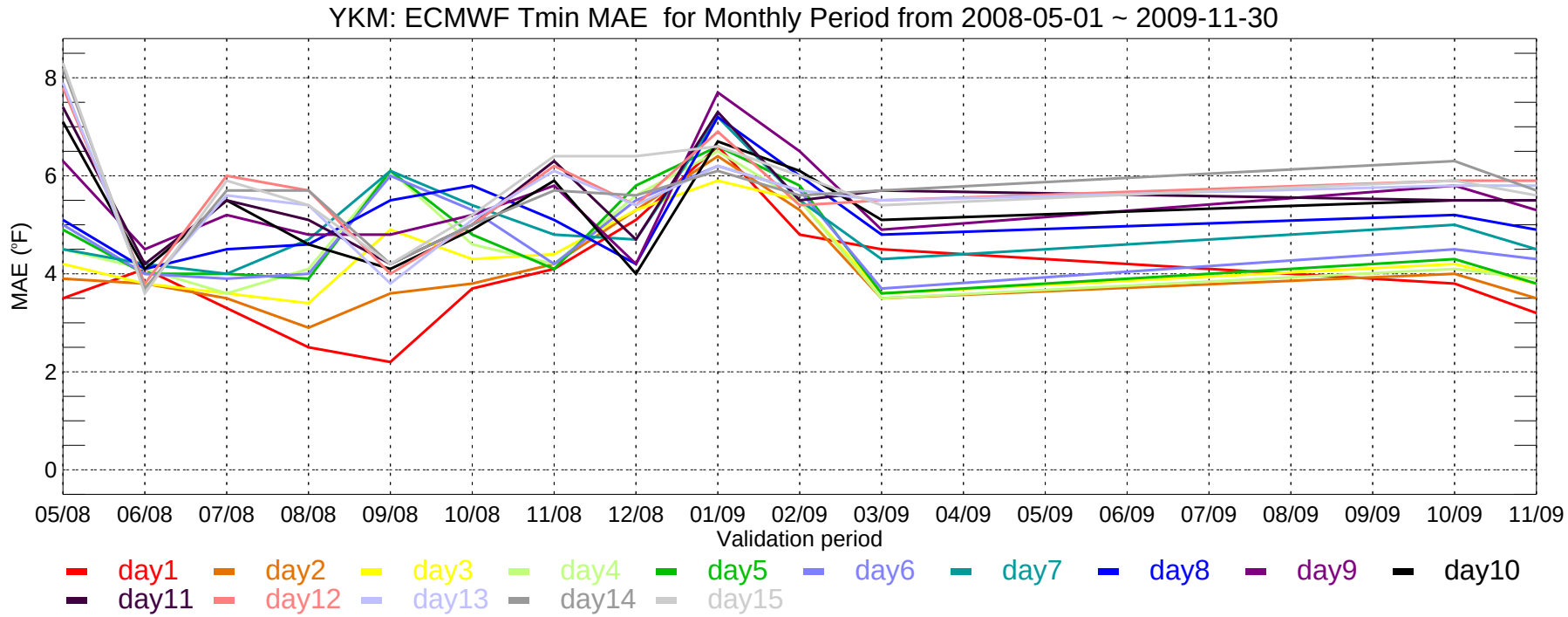
day10
day11
day12
day13
day14
day15


YKM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
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day8
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day10
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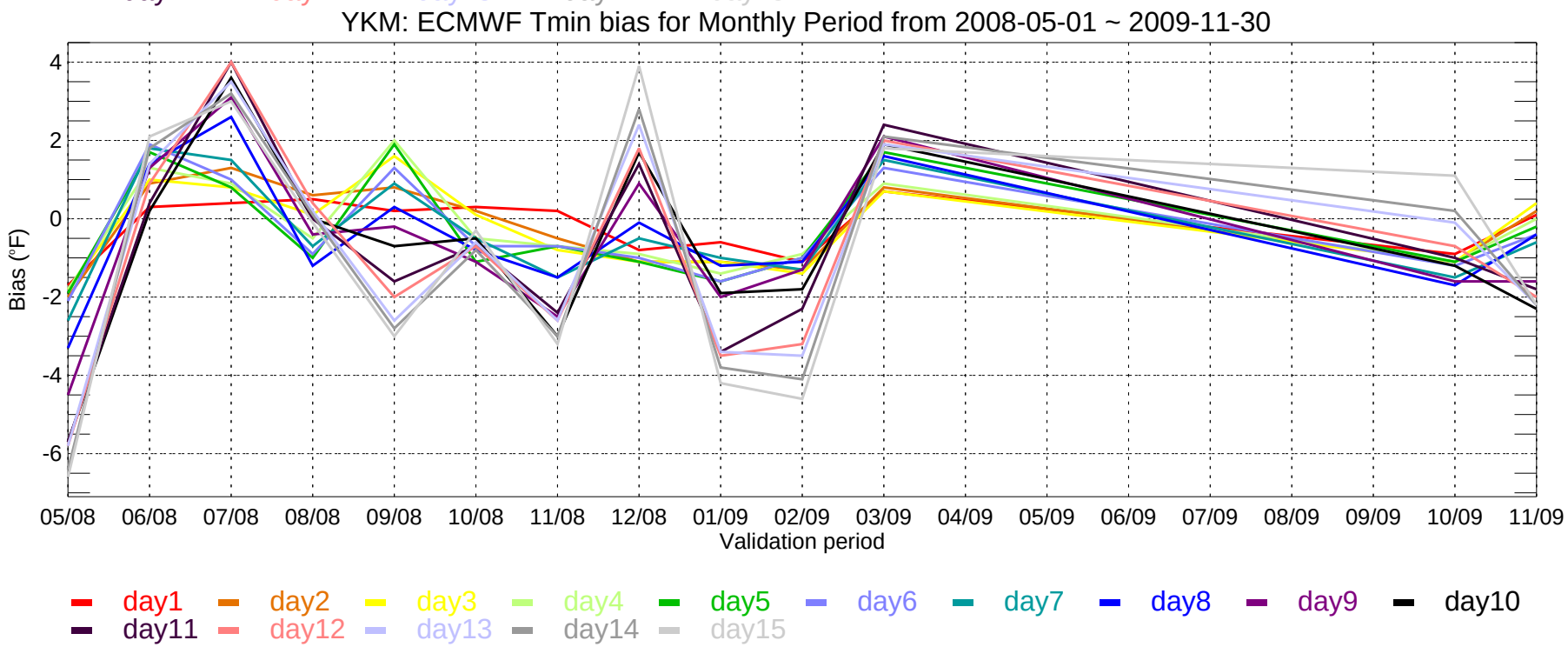
day13
day14
day15


YKM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
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day8
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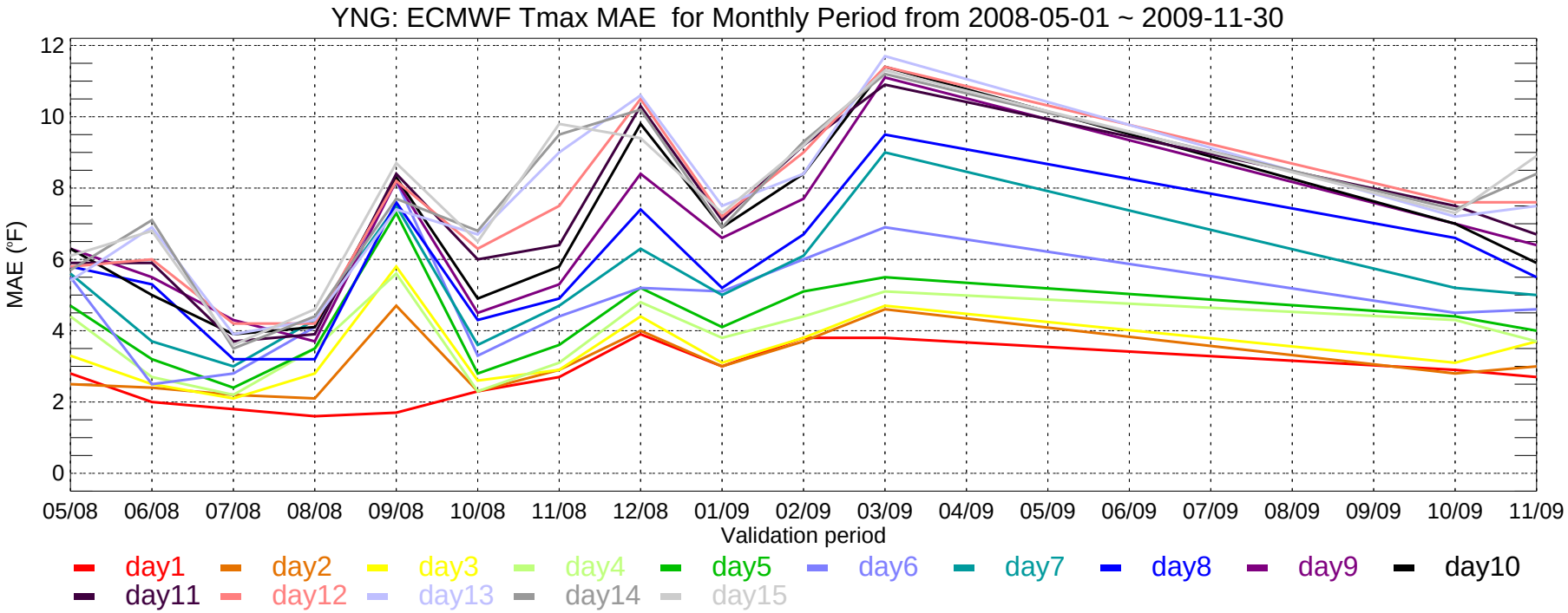
day14
day15


YNG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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07/09
08/09
09/09
10/09
11/09
Validation period
day1
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day3
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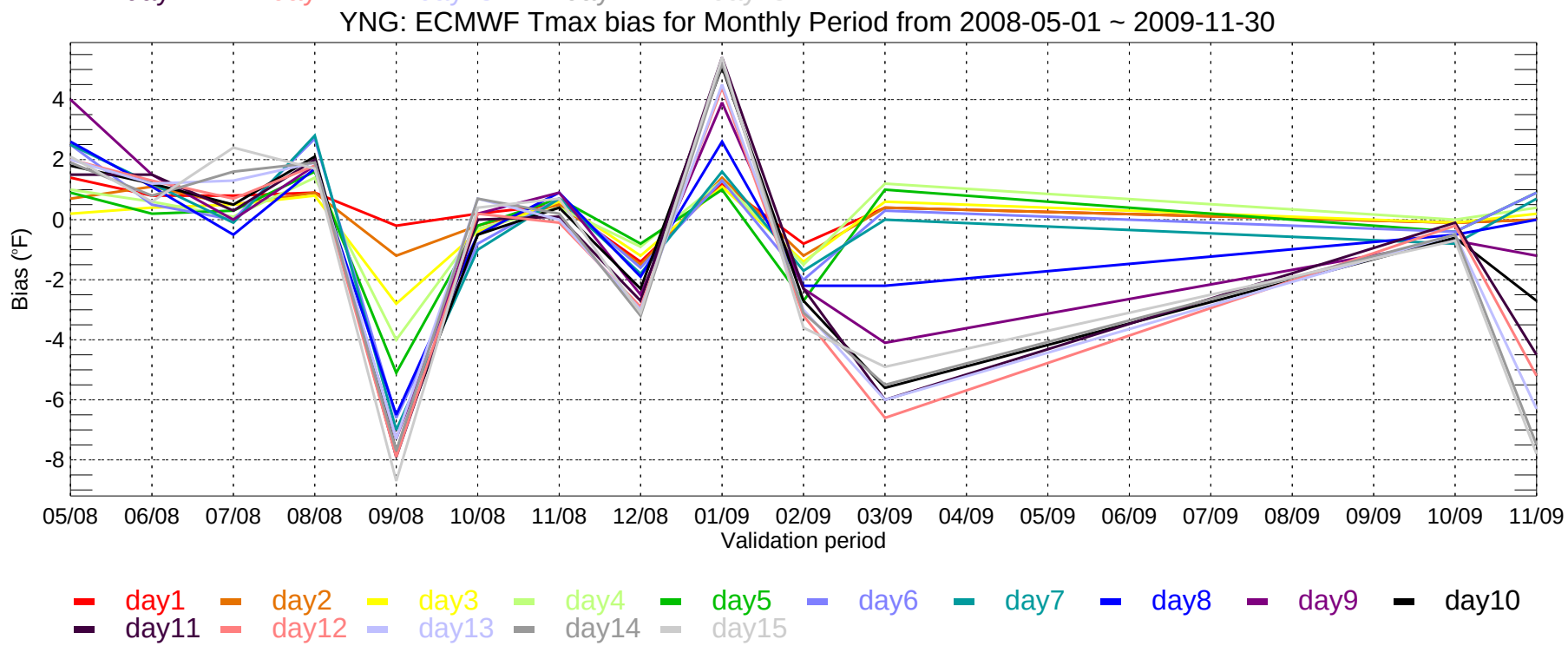
day14
day15


YNG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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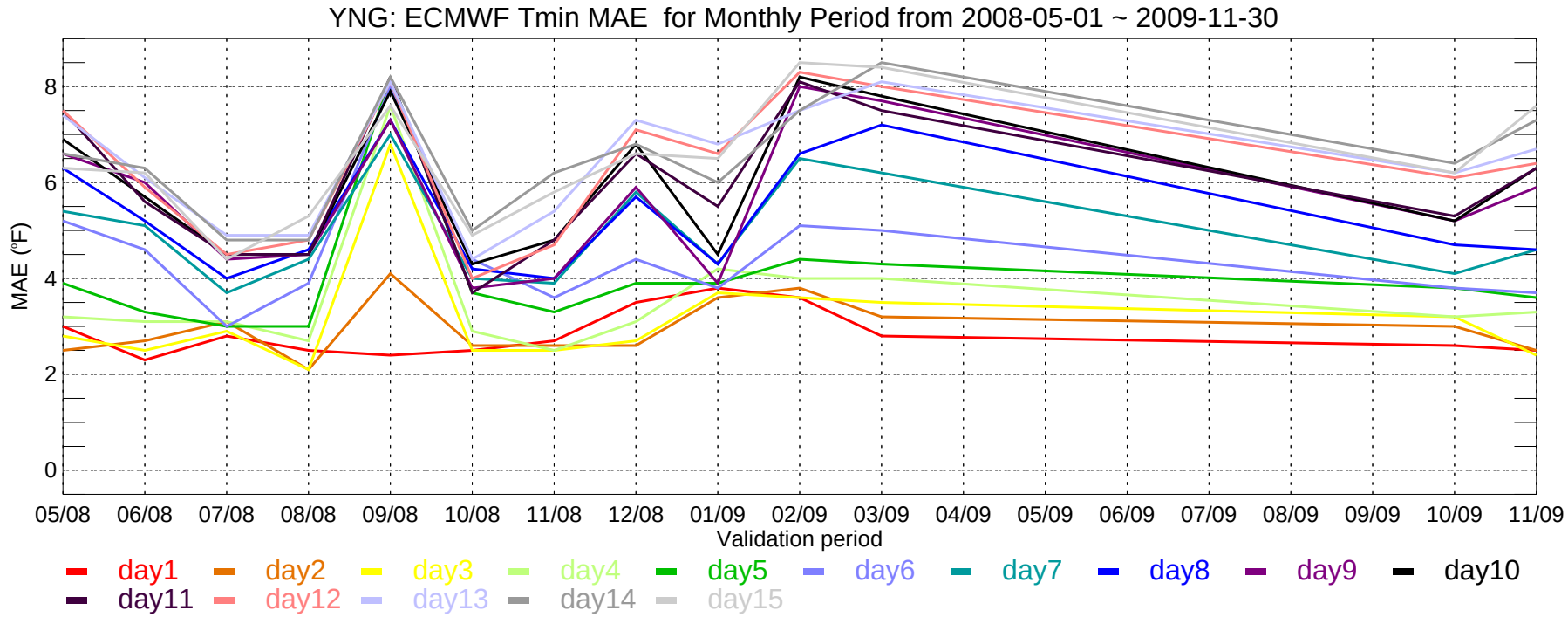
day14
day15


YNG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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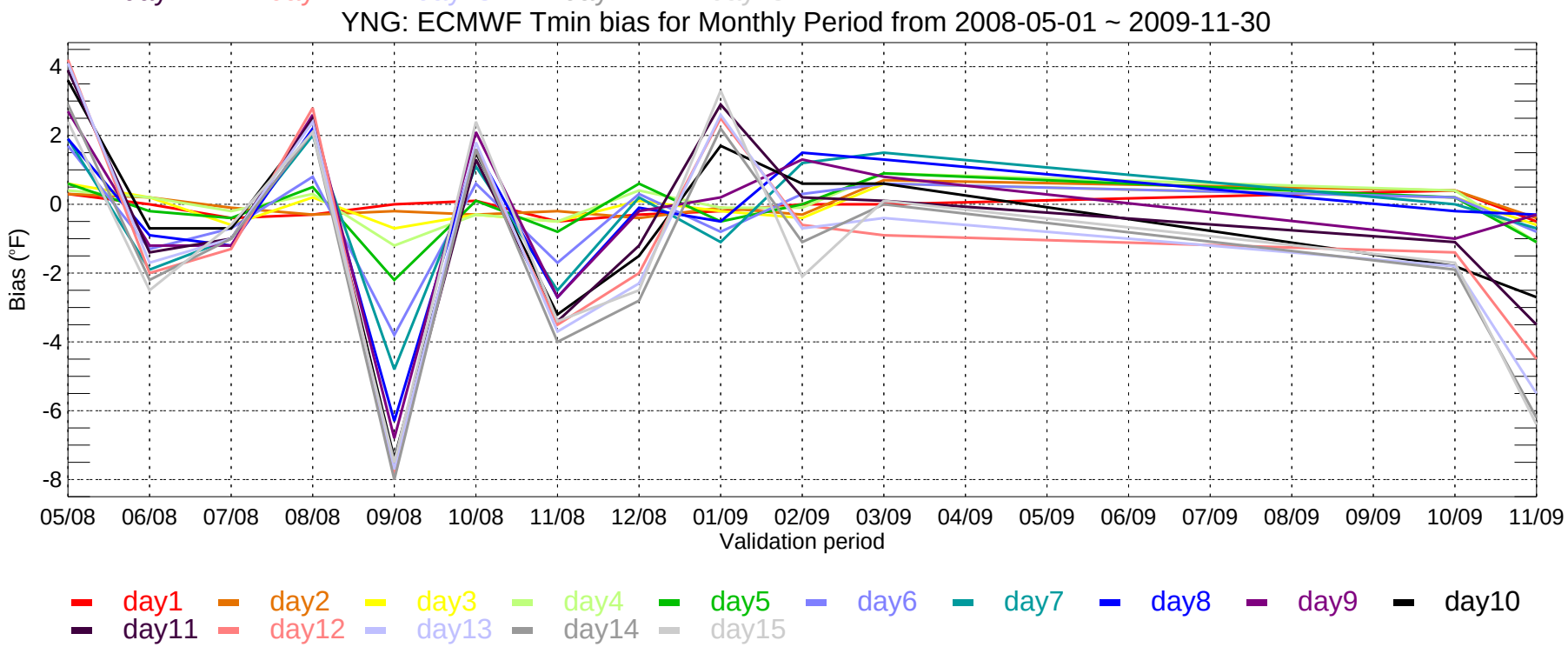
day13
day14
day15


YNG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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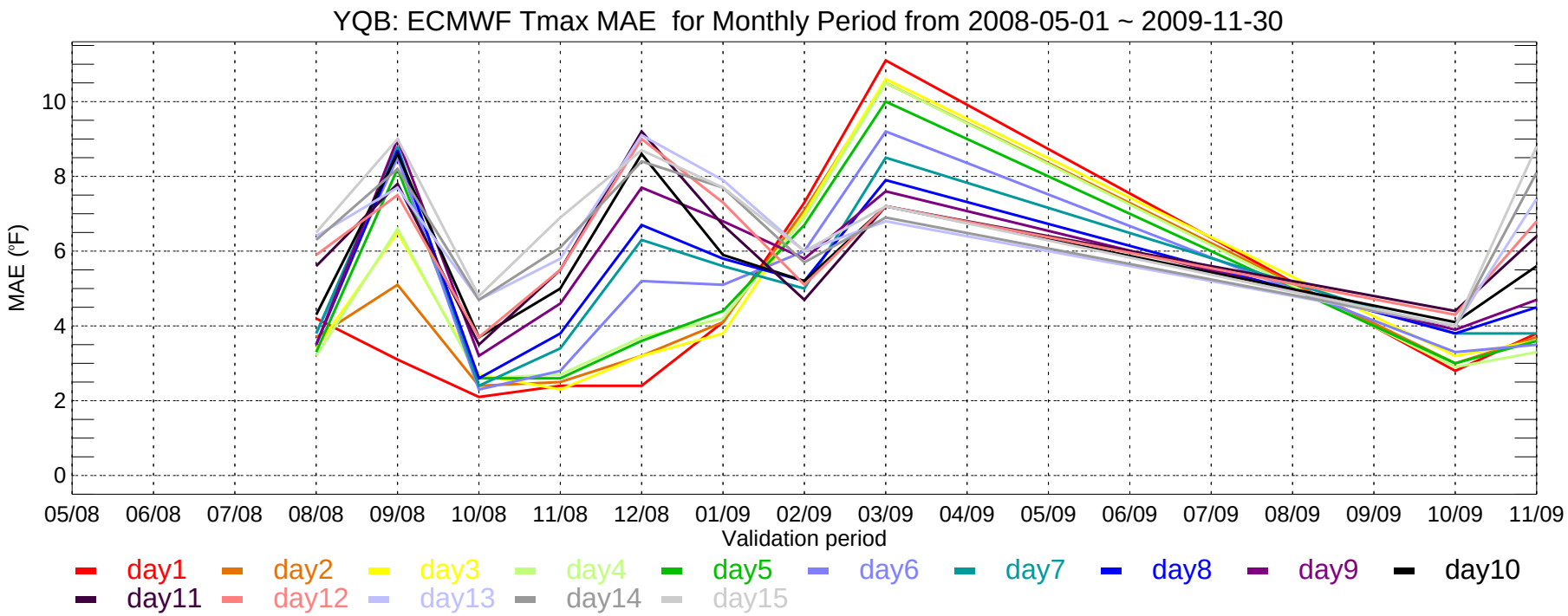
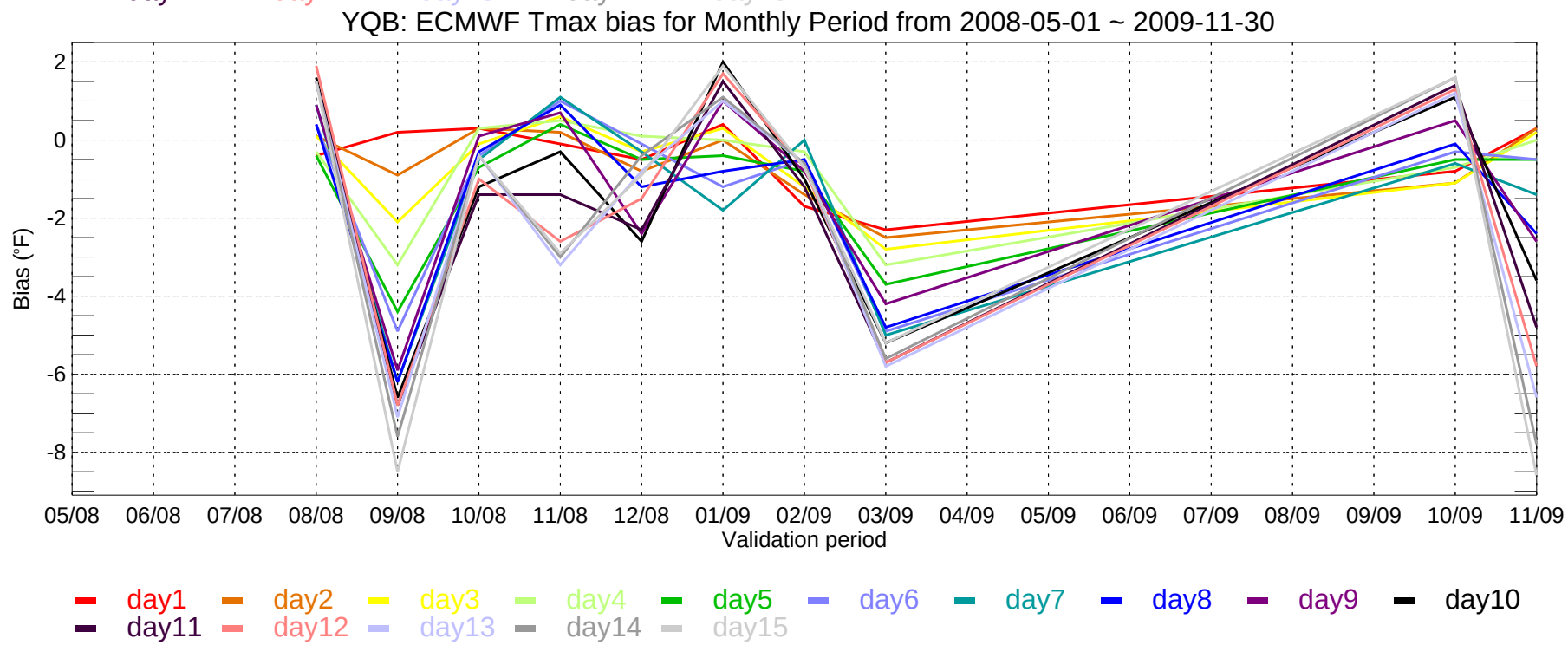
day14
day15


YQB: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
day7
day8
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day10
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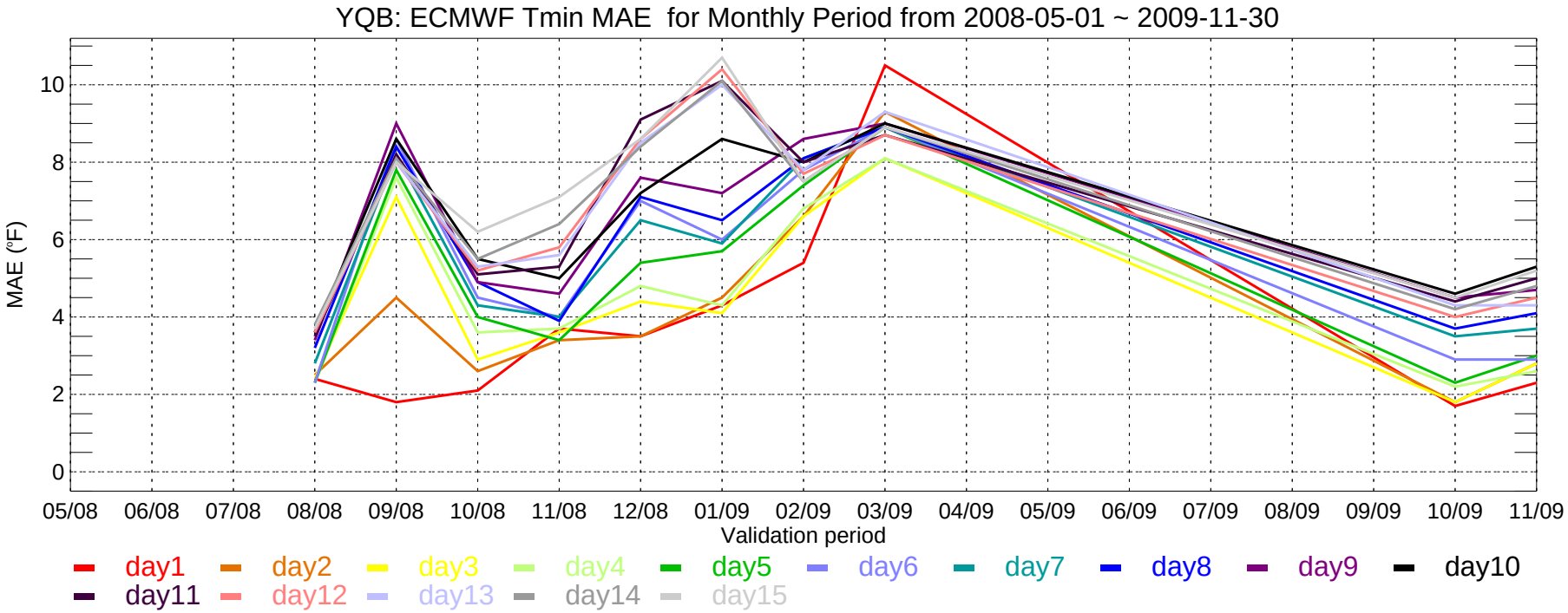
day12
day13
day14
day15


YQB: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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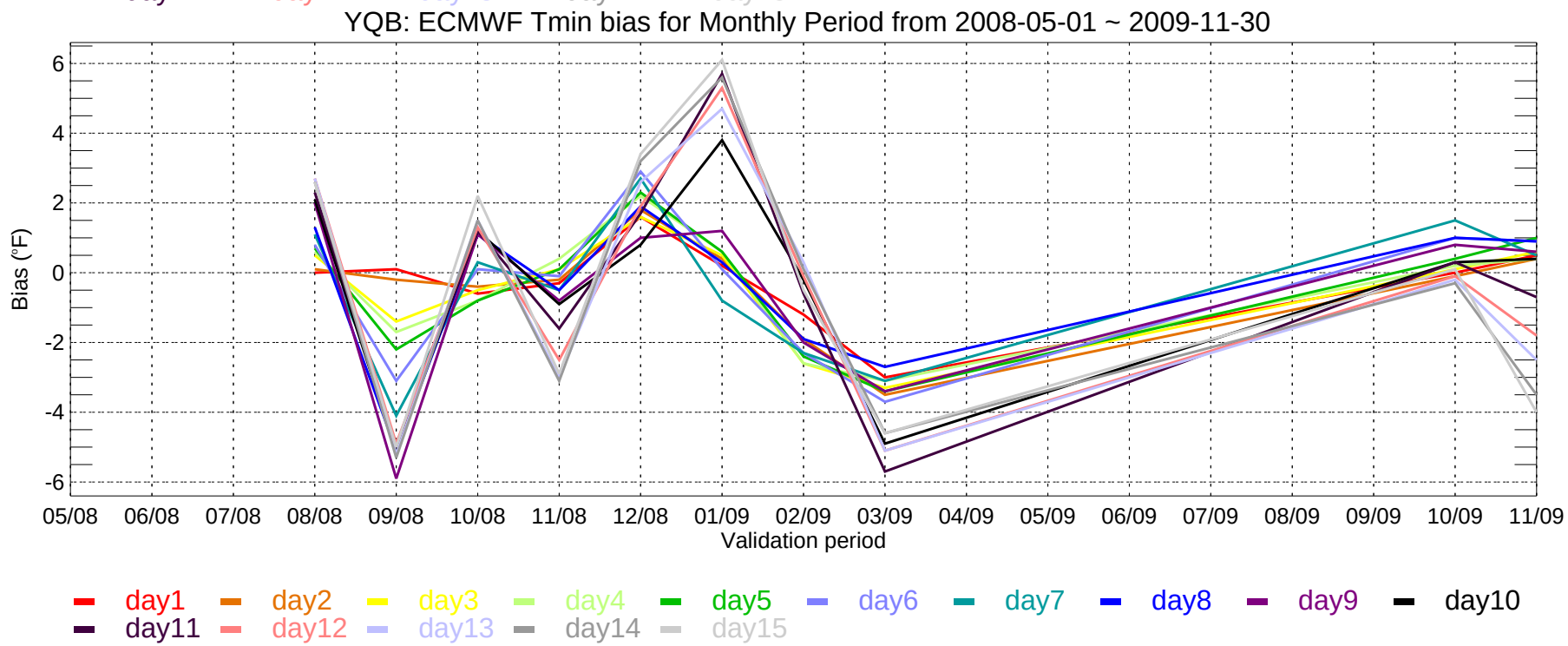
day14
day15


YQB: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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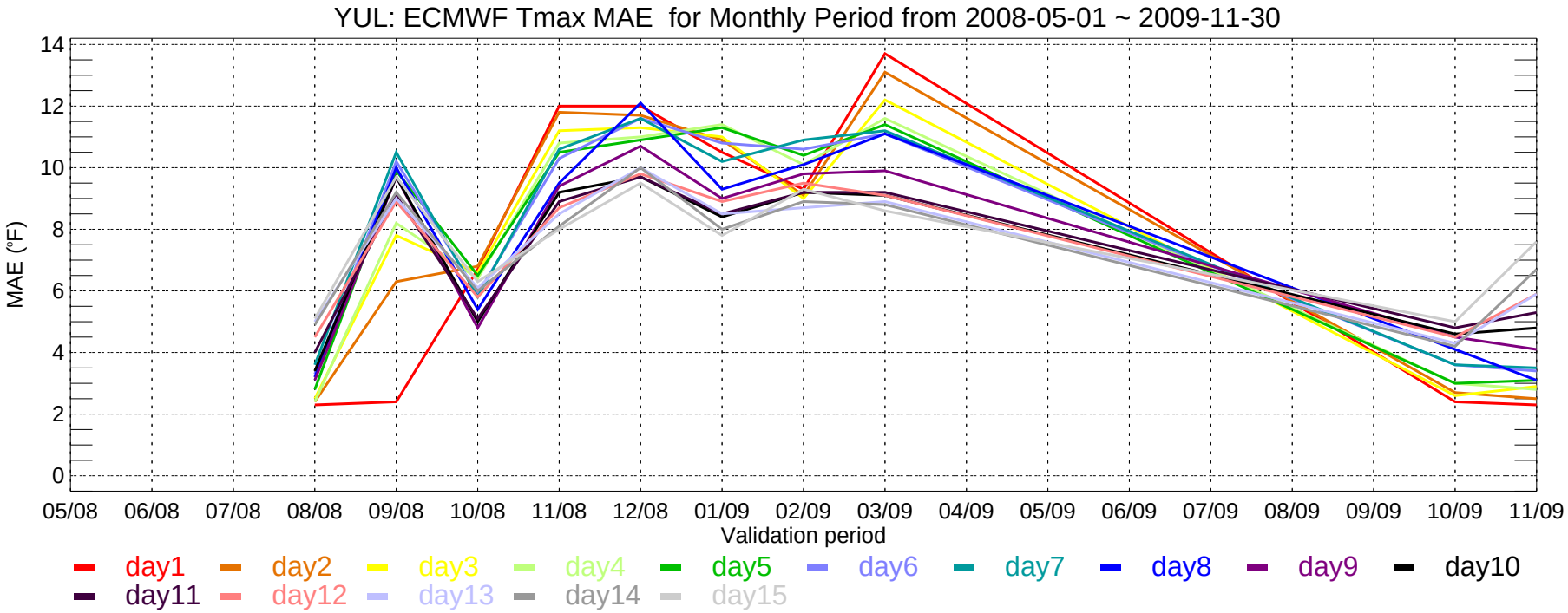
day10
day11
day12
day13
day14
day15


YUL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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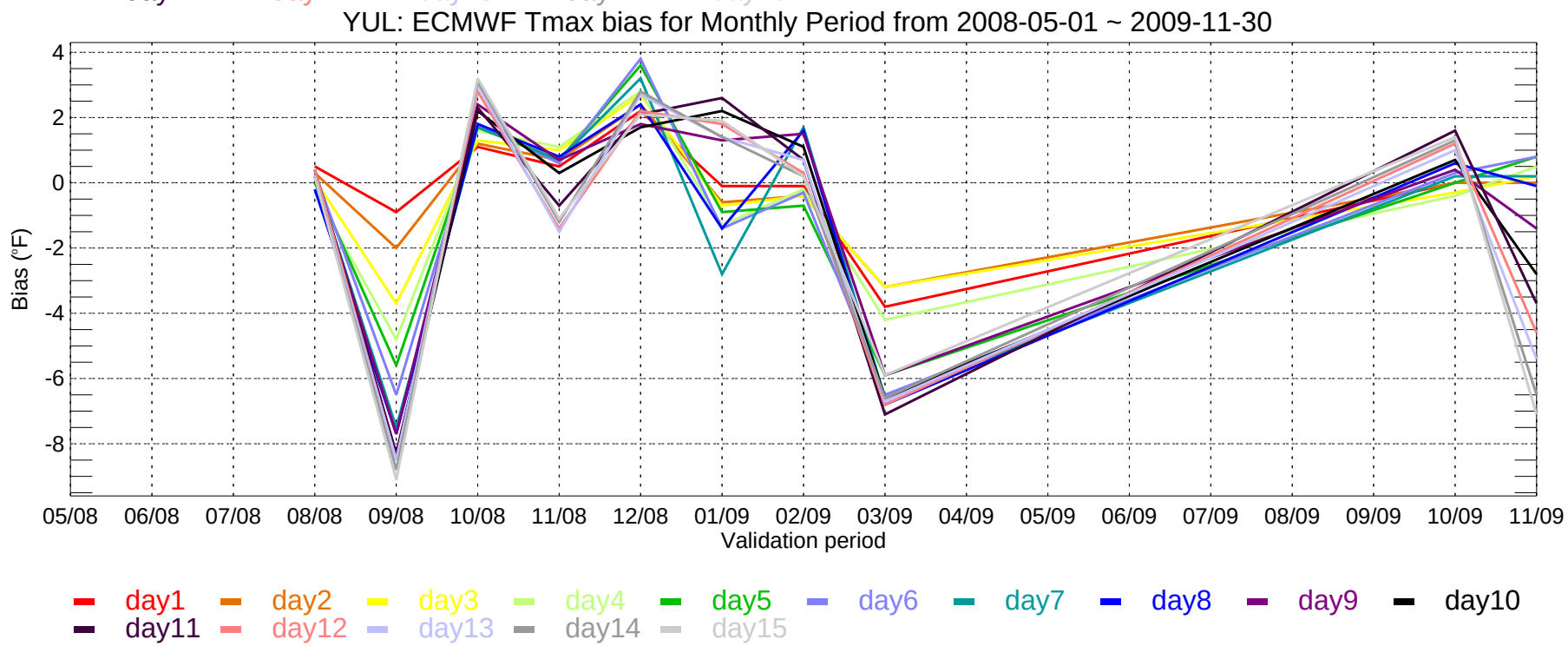
day10
day11
day12
day13
day14
day15


YUL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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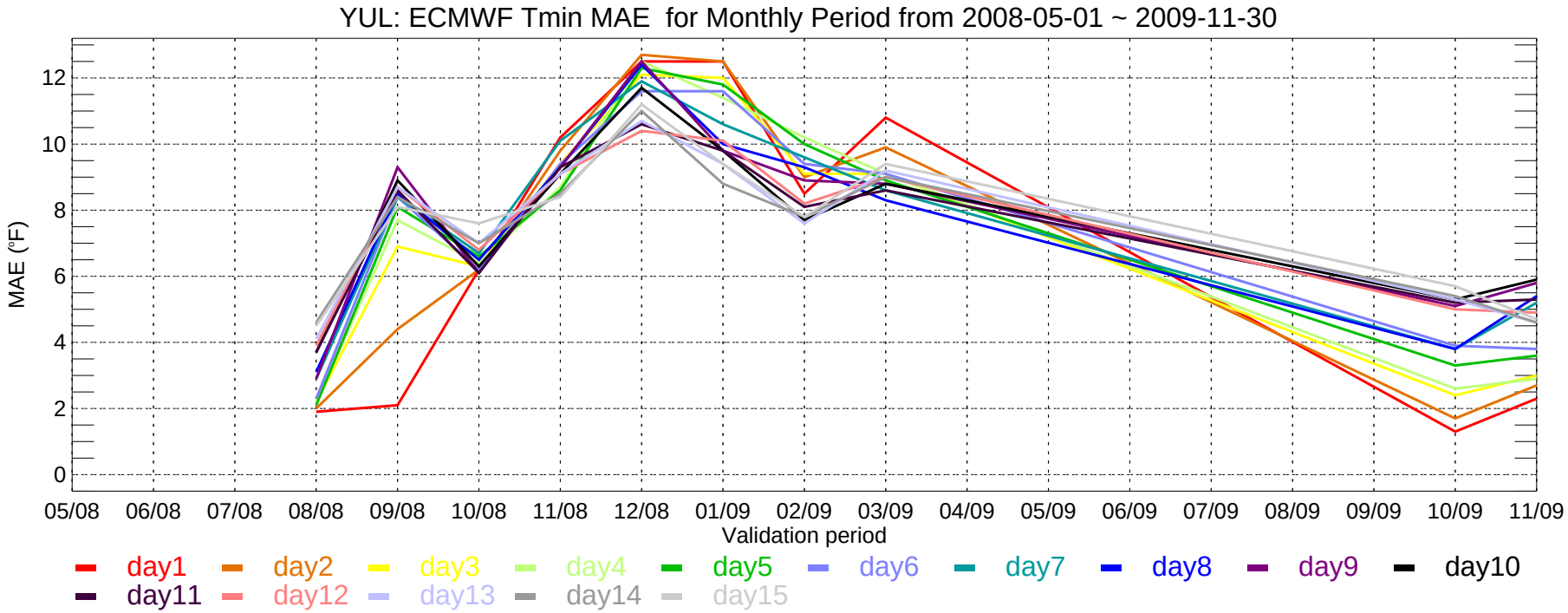
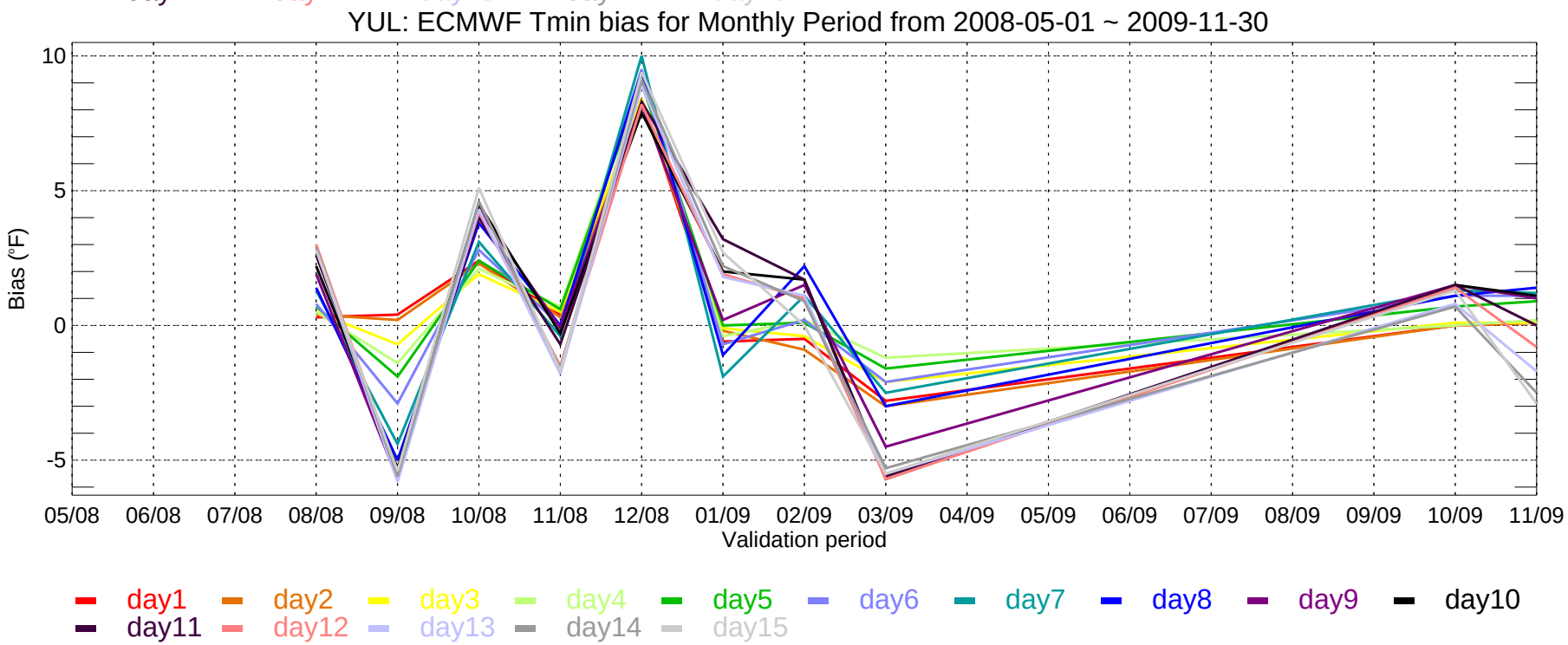
day10
day11
day12
day13
day14
day15


YUL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day7
day8
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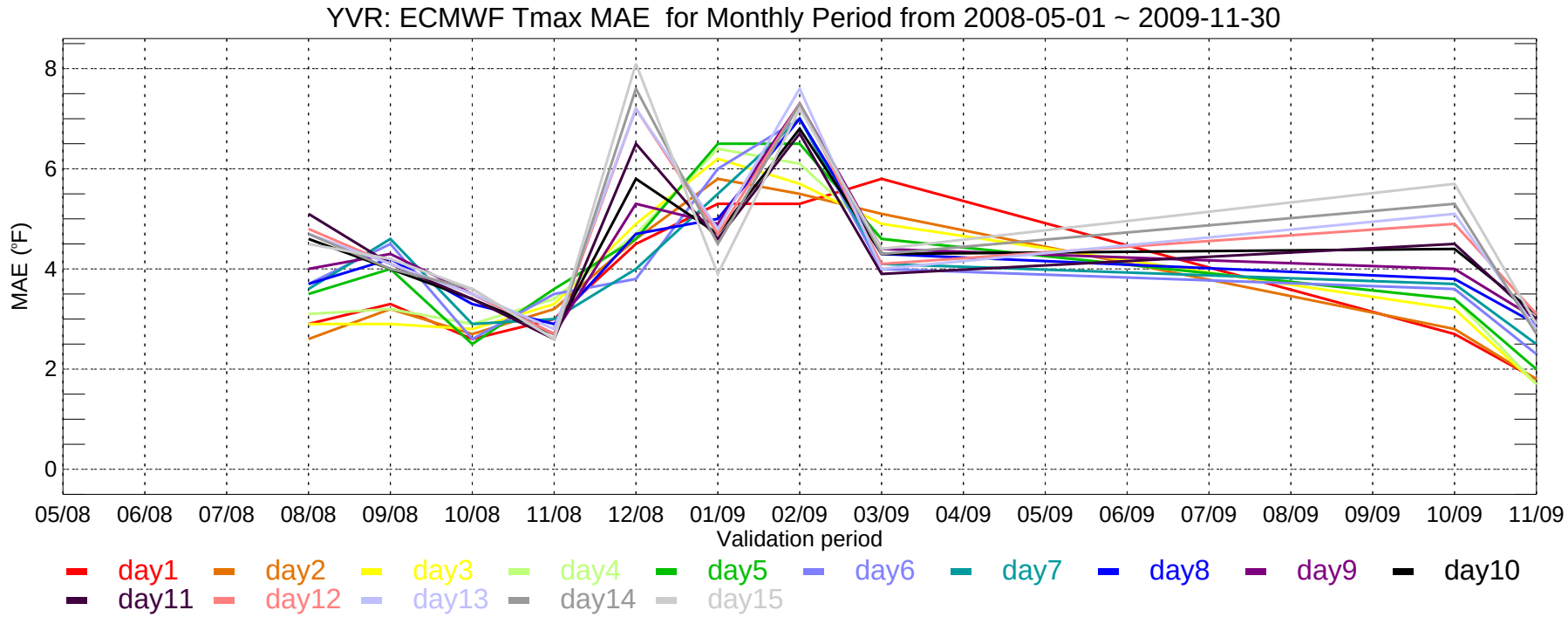
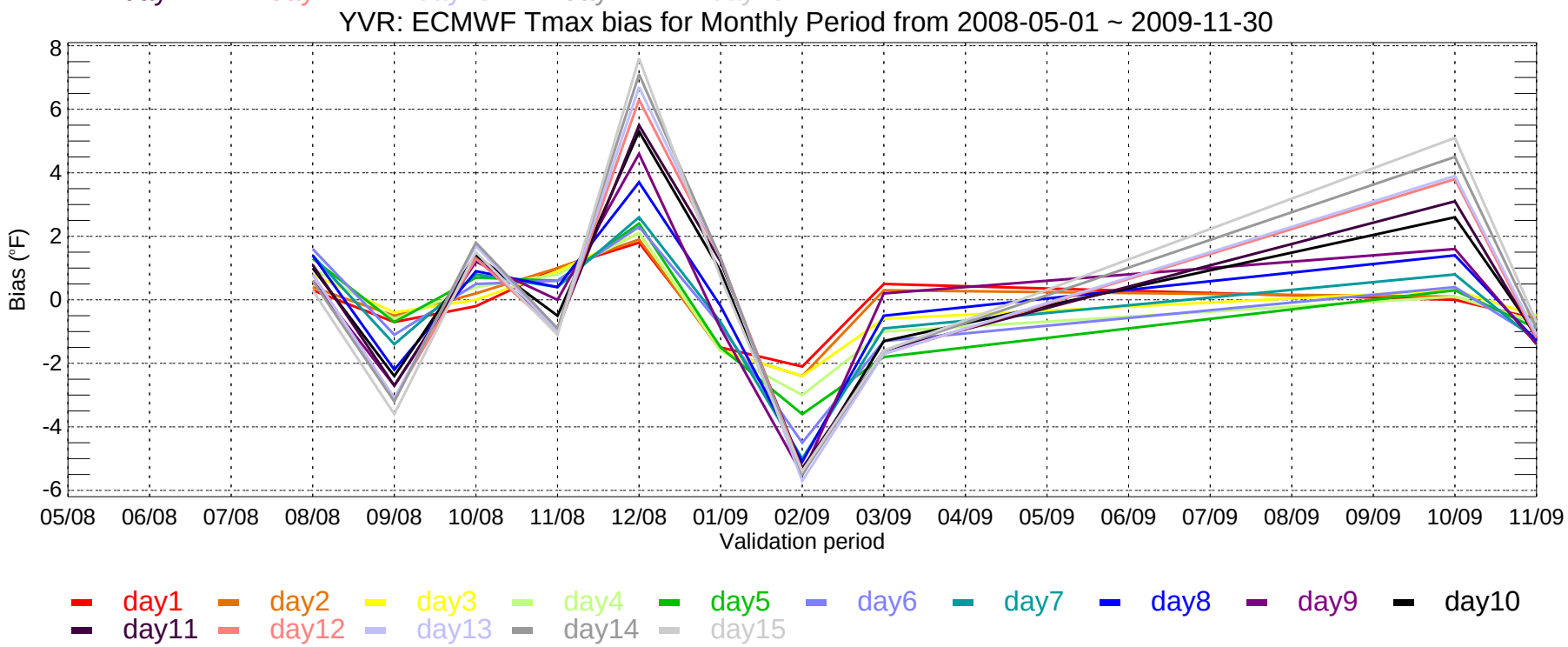
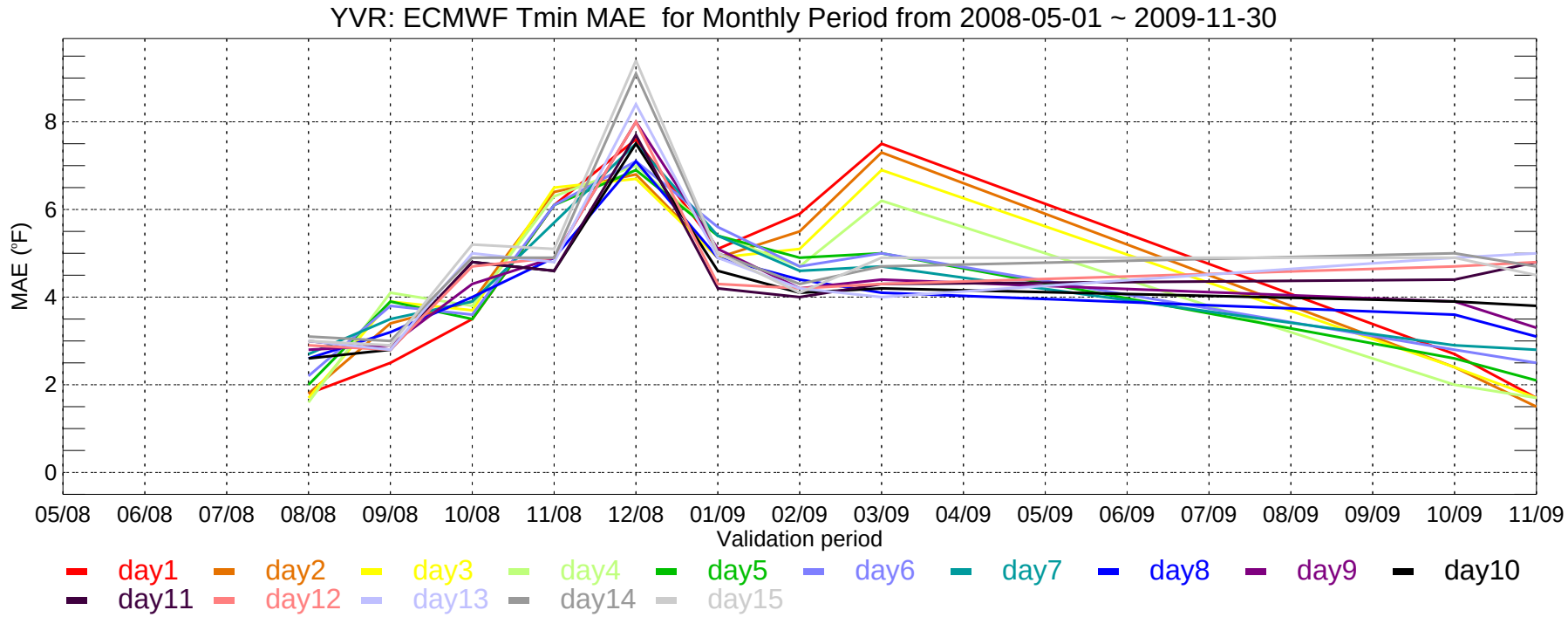
day10
day11
day12
day13
day14
day15


YVR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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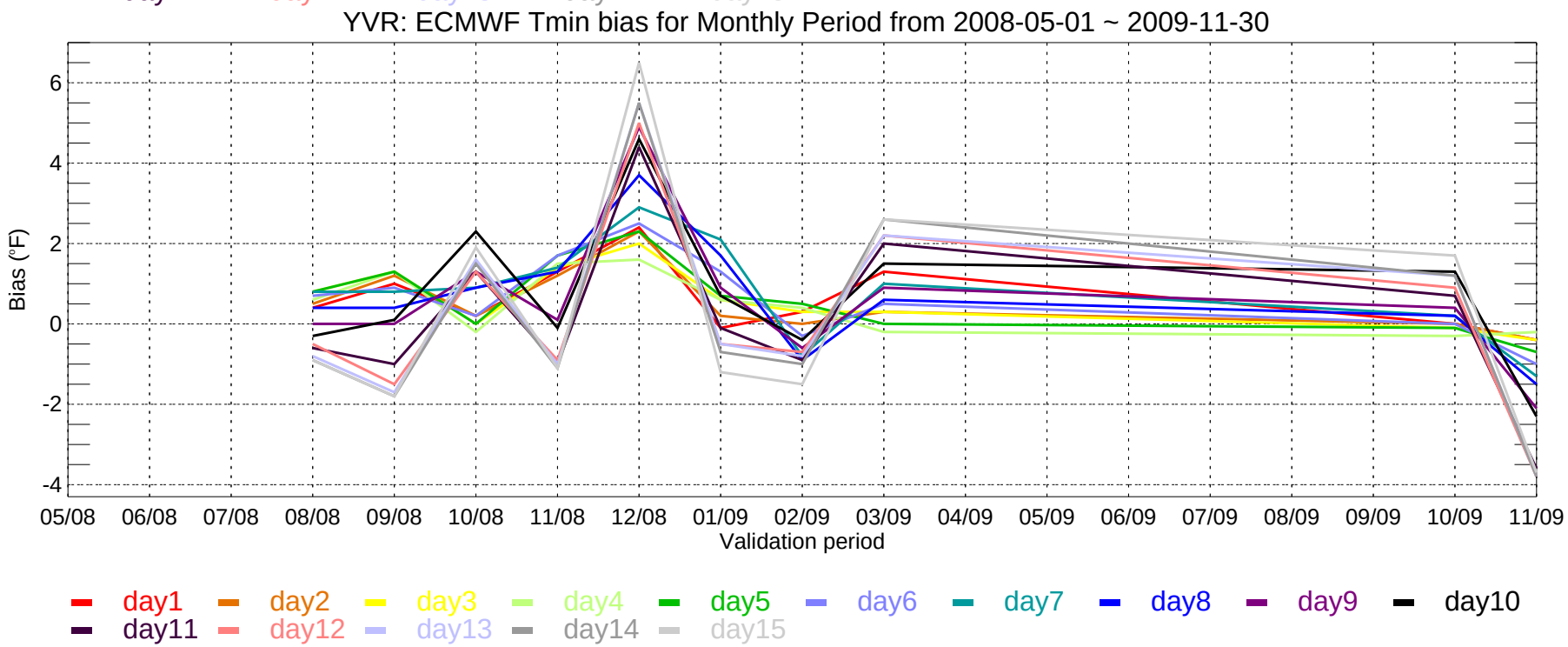
day10
day11
day12
day13
day14
day15


YVR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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day3
day4
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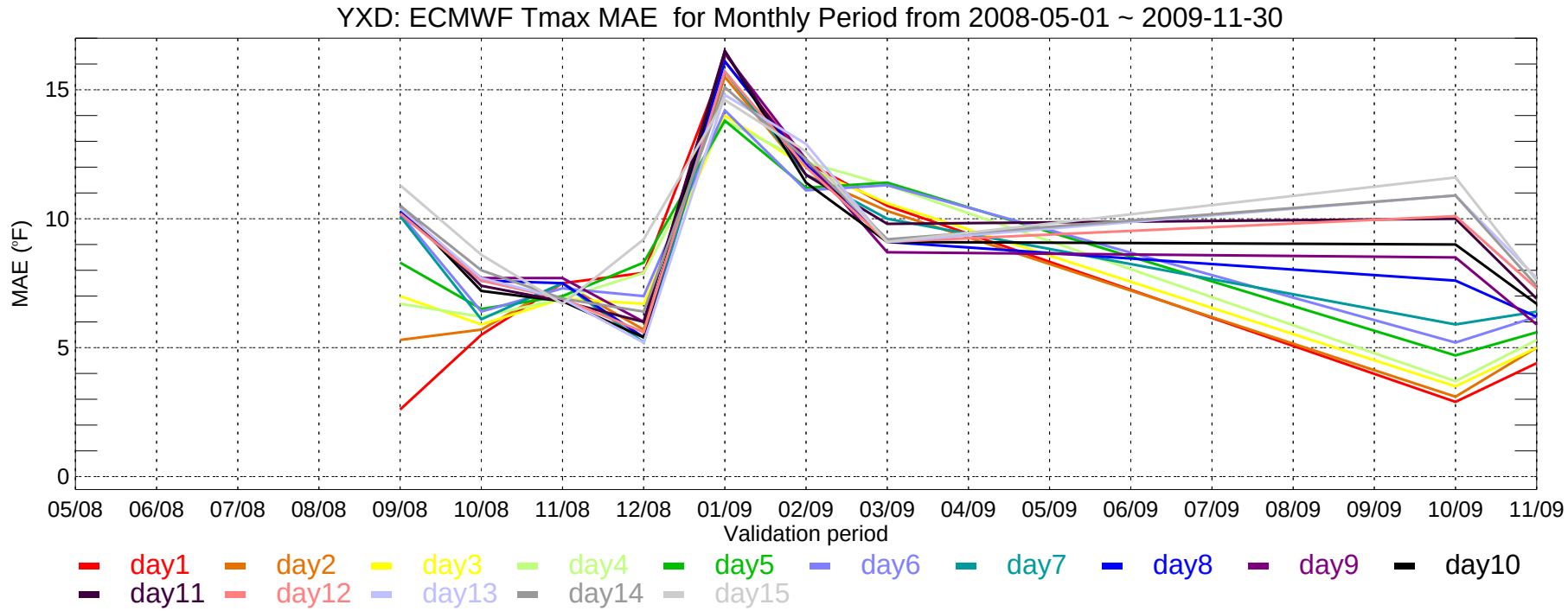
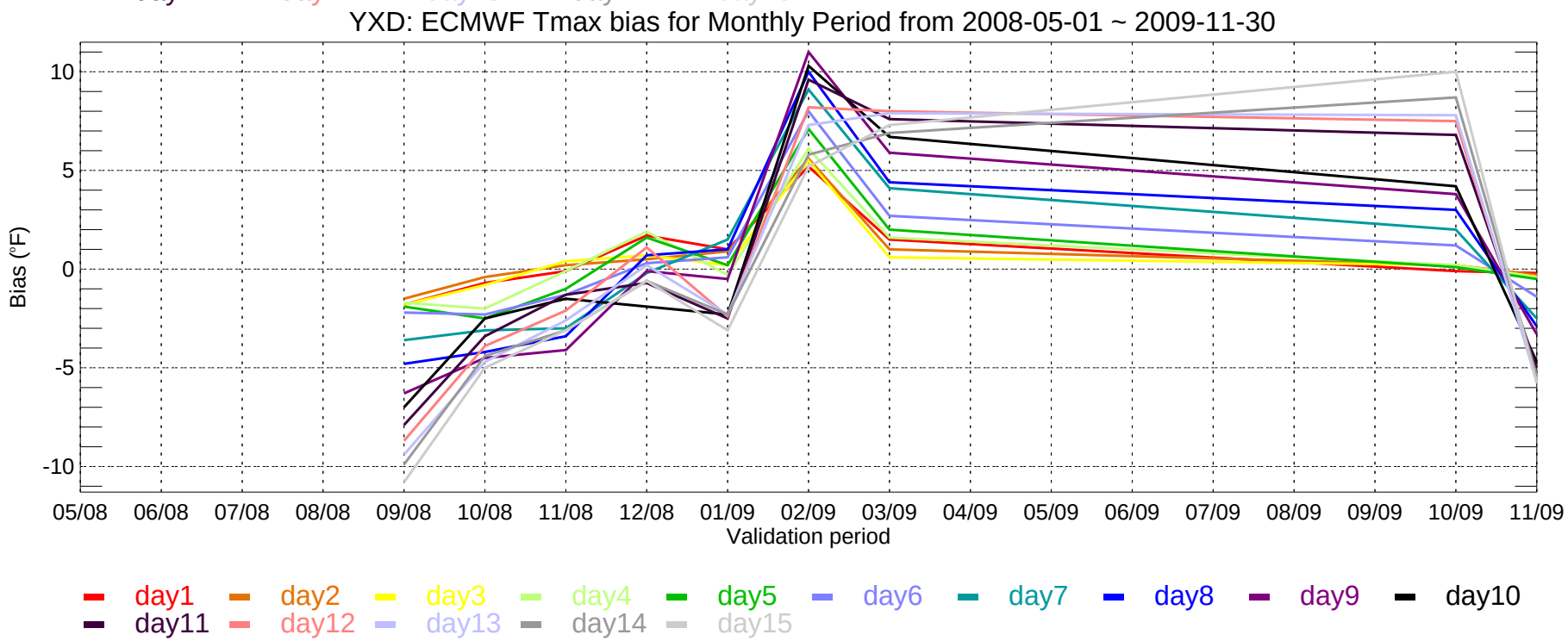
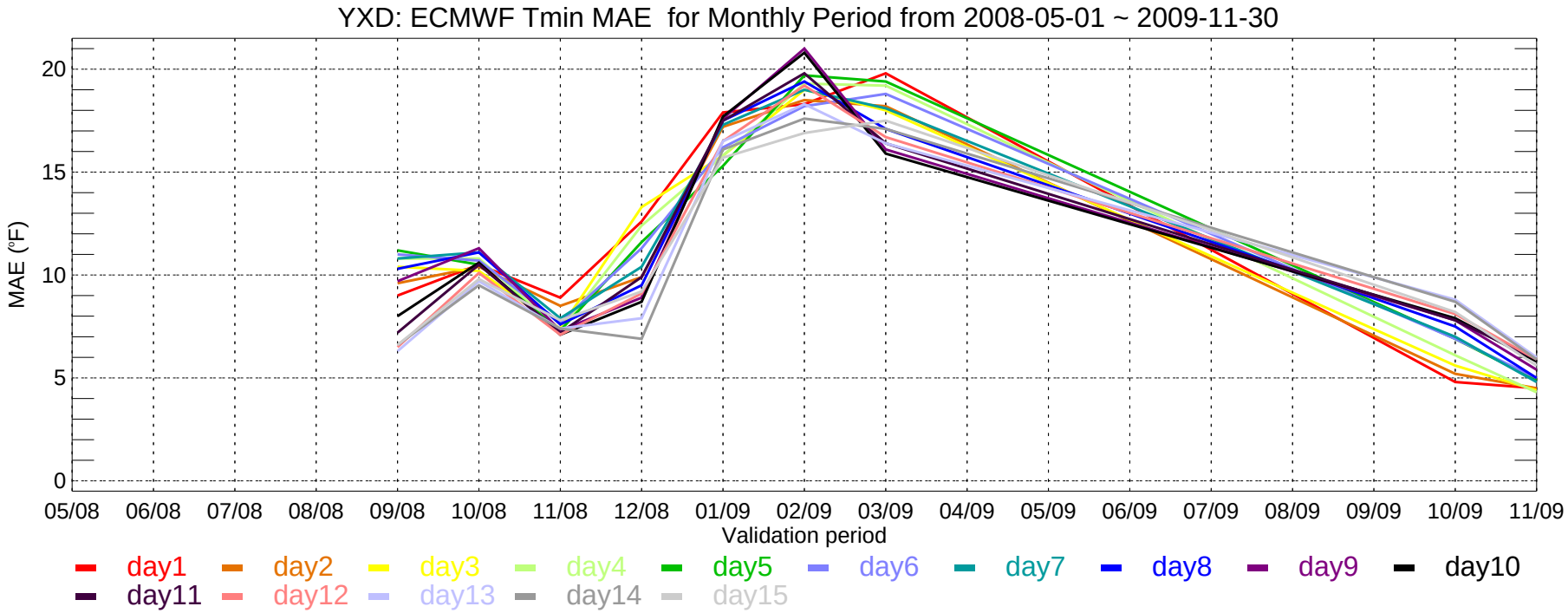
day14
day15


YXD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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 ~ 2009-11-30
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
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 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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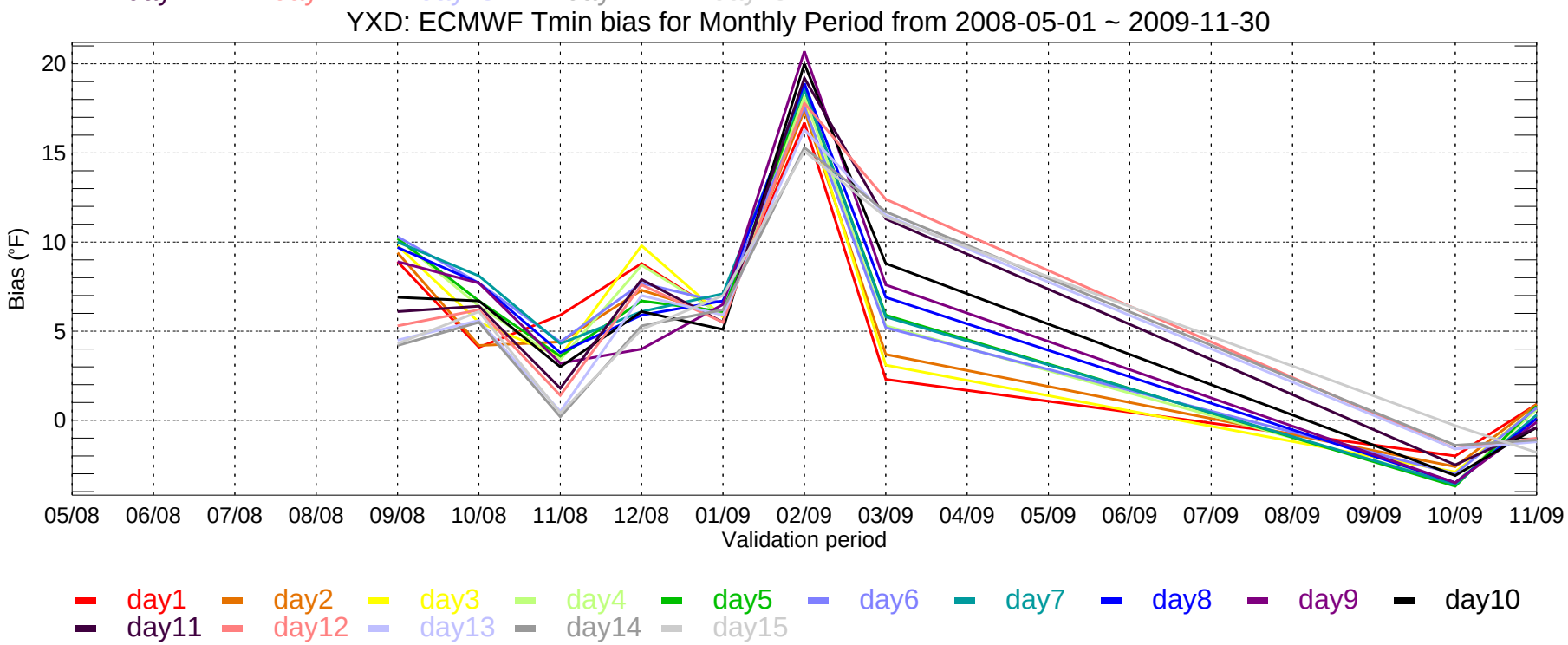
day11
day12
day13
day14
day15


YXD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°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
Validation period
day1
day2
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day4
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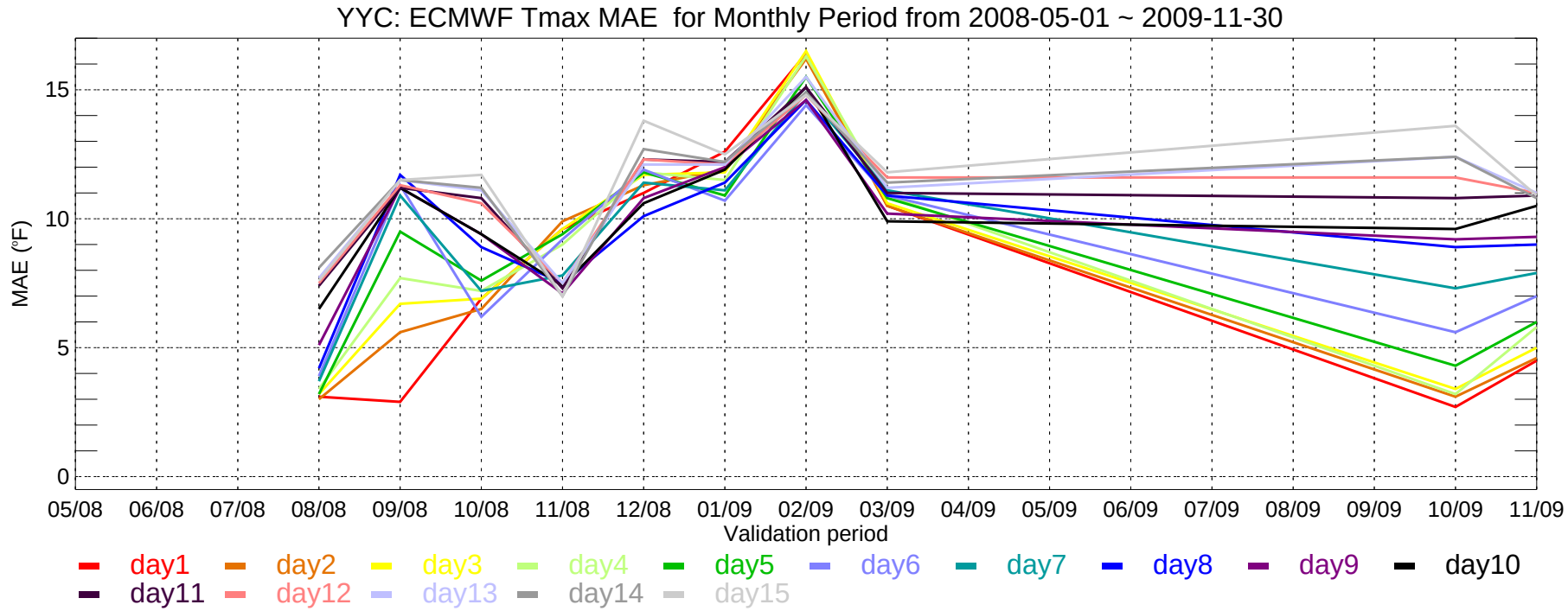
day14
day15


YYC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
day2
day3
day4
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day6
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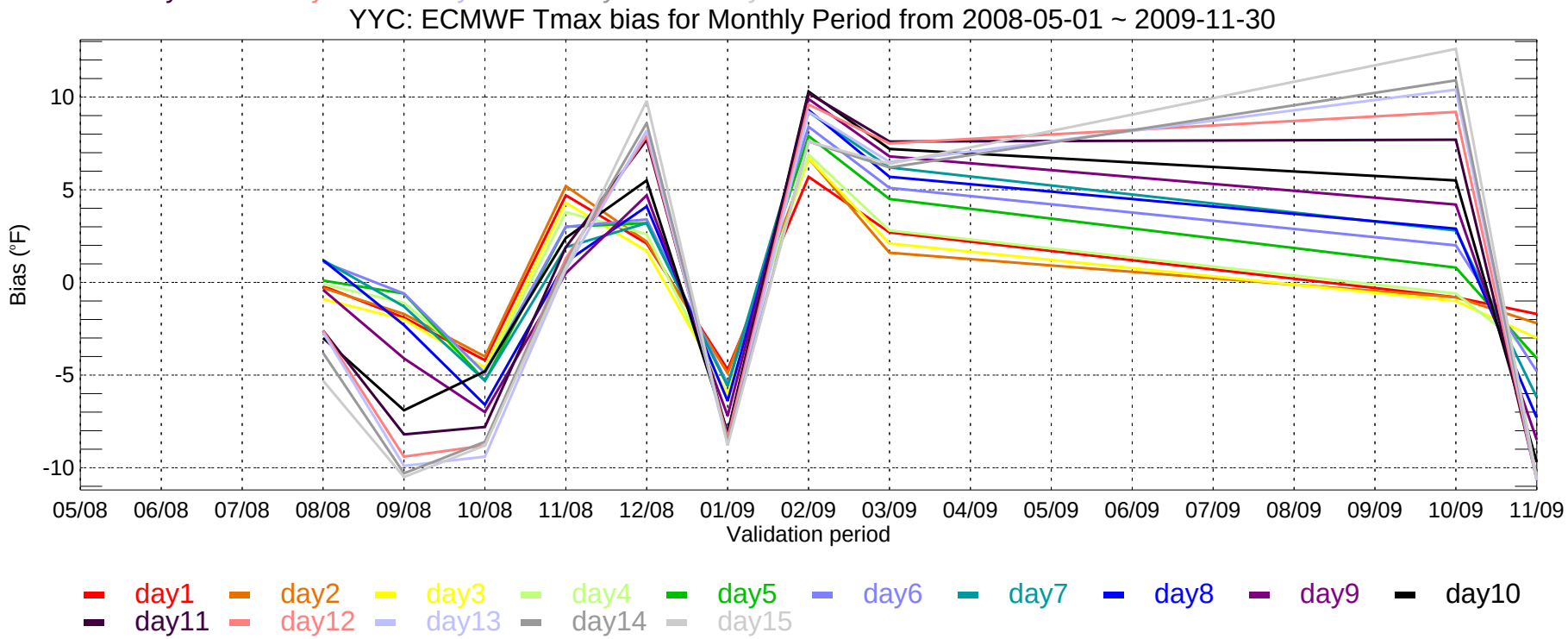
day10
day11
day12
day13
day14
day15


YYC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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08/09
09/09
10/09
11/09
Validation period
day1
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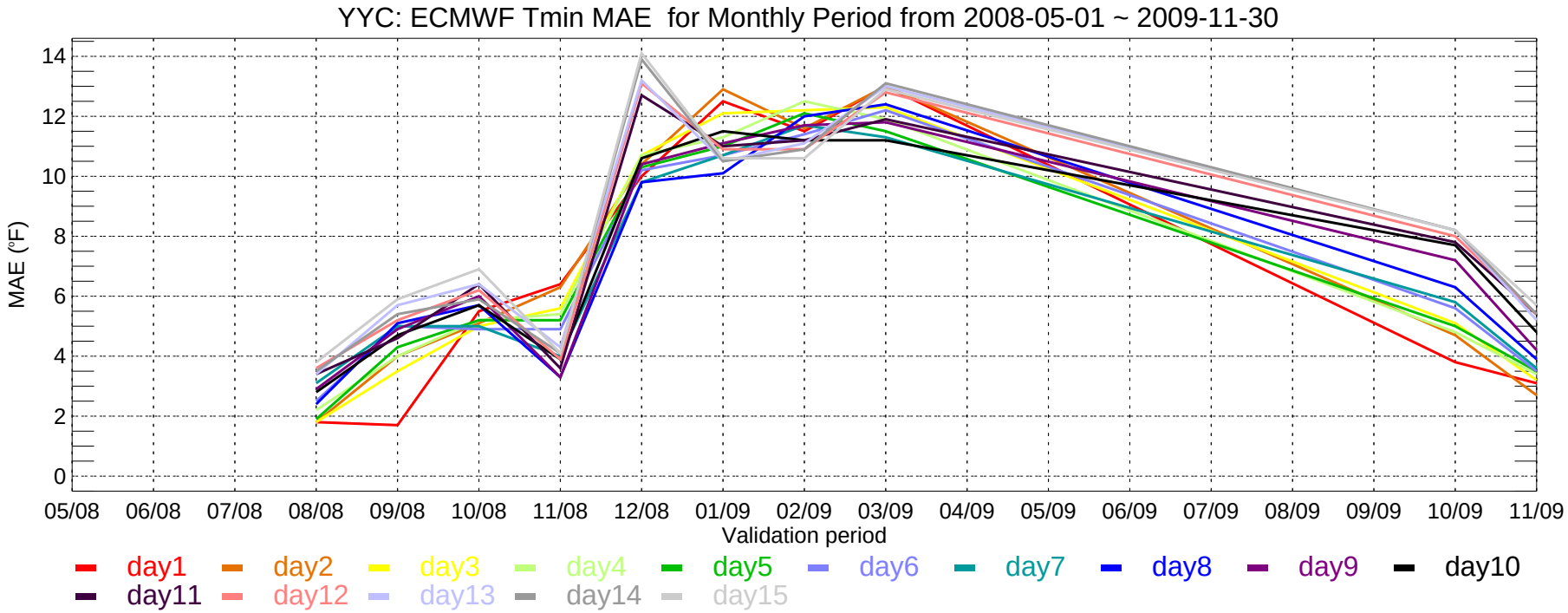
day14
day15


YYC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
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
Validation period
day1
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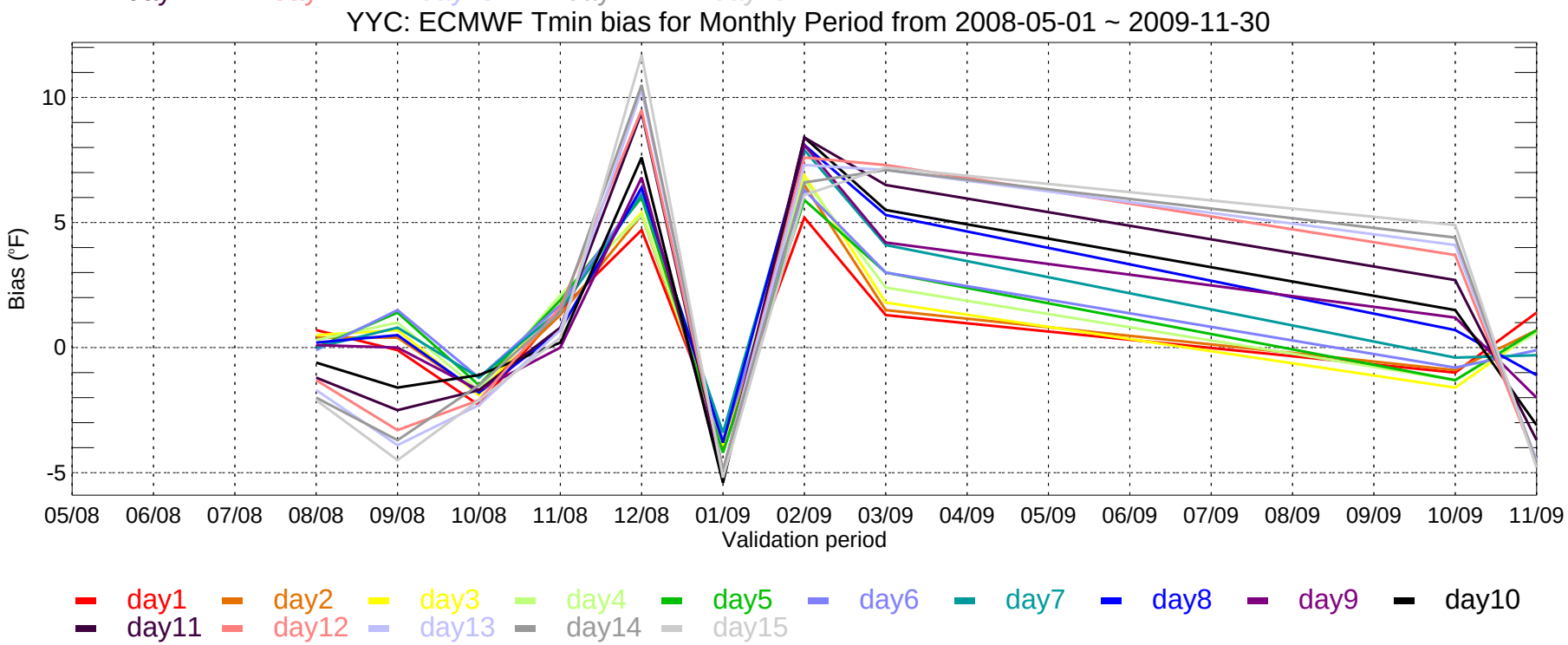
day15


YYC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
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
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09/09
10/09
11/09
Validation period
day1
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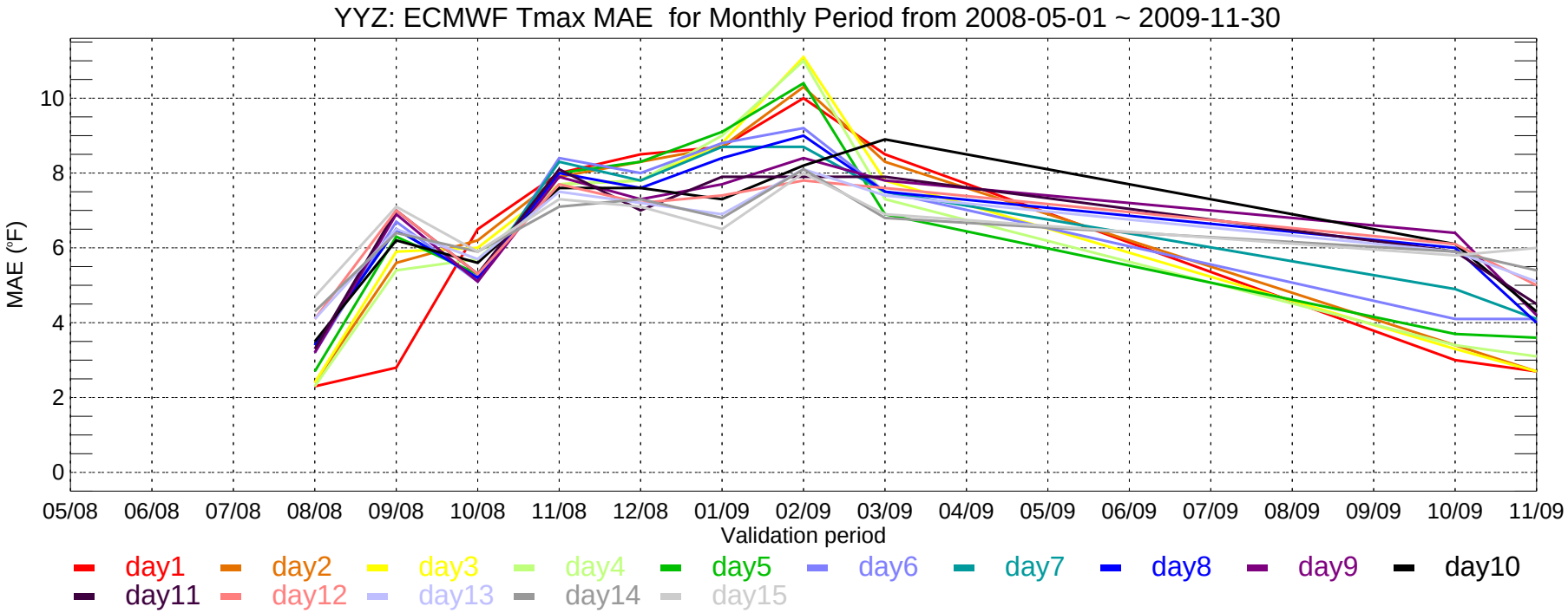
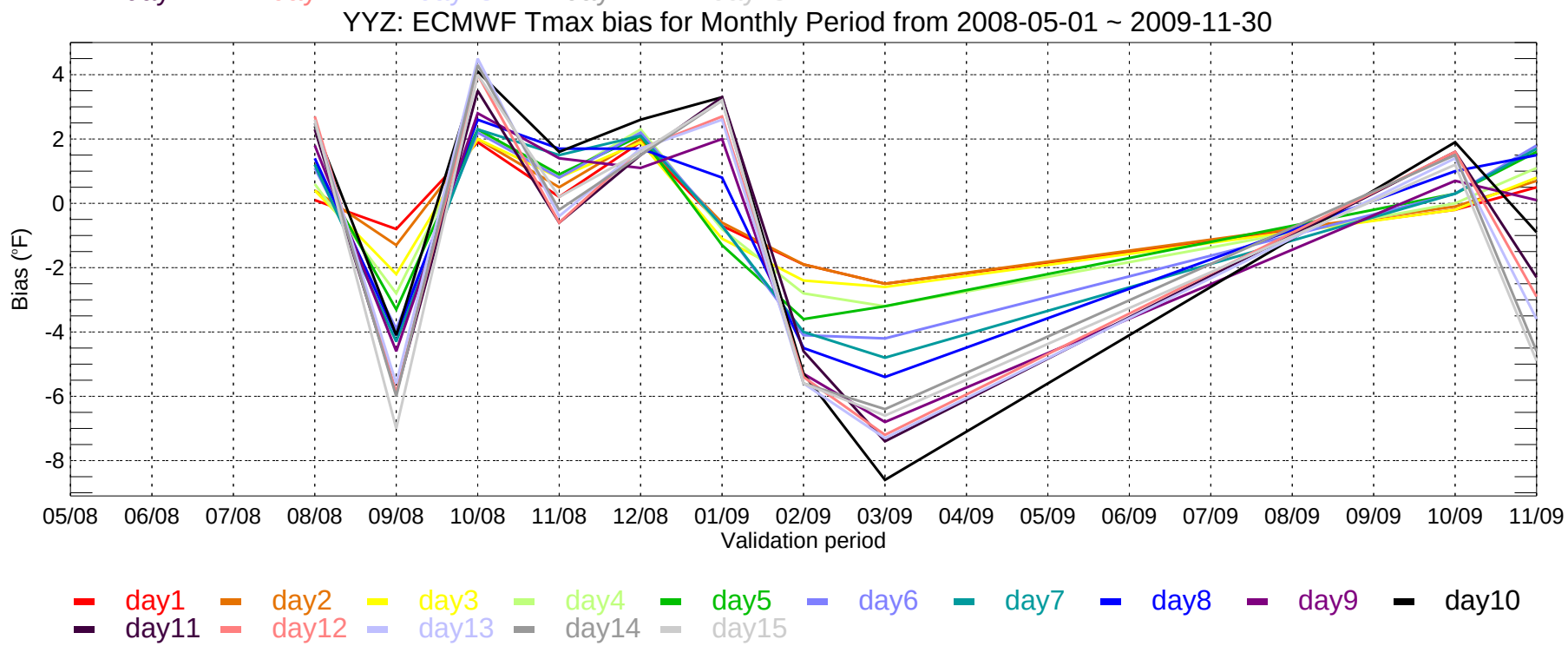
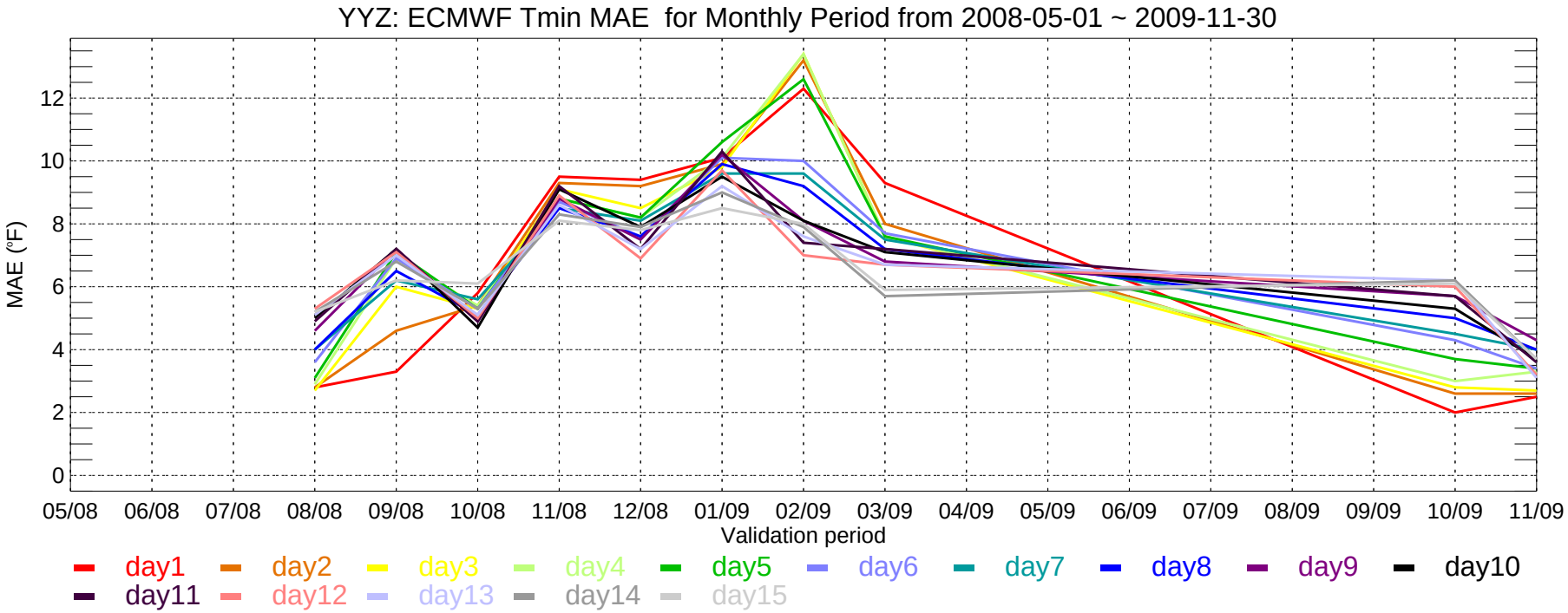
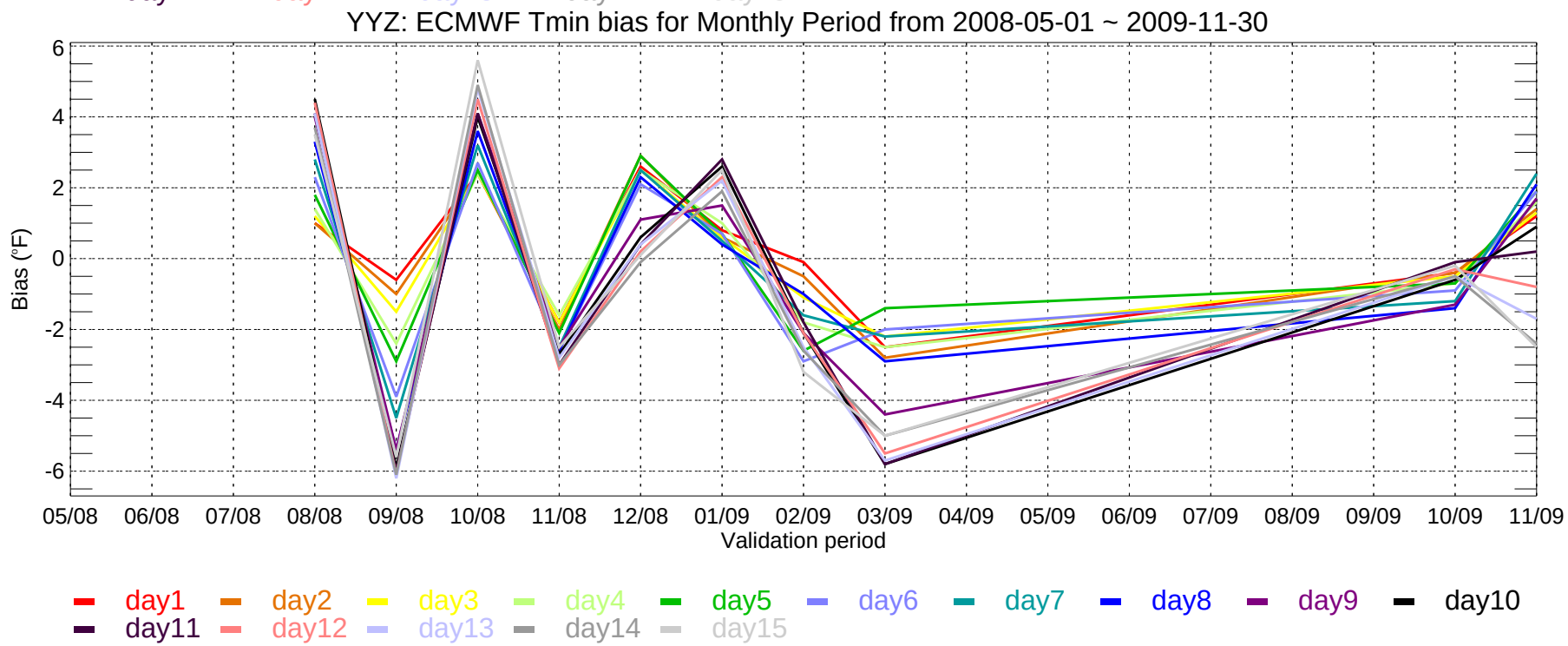
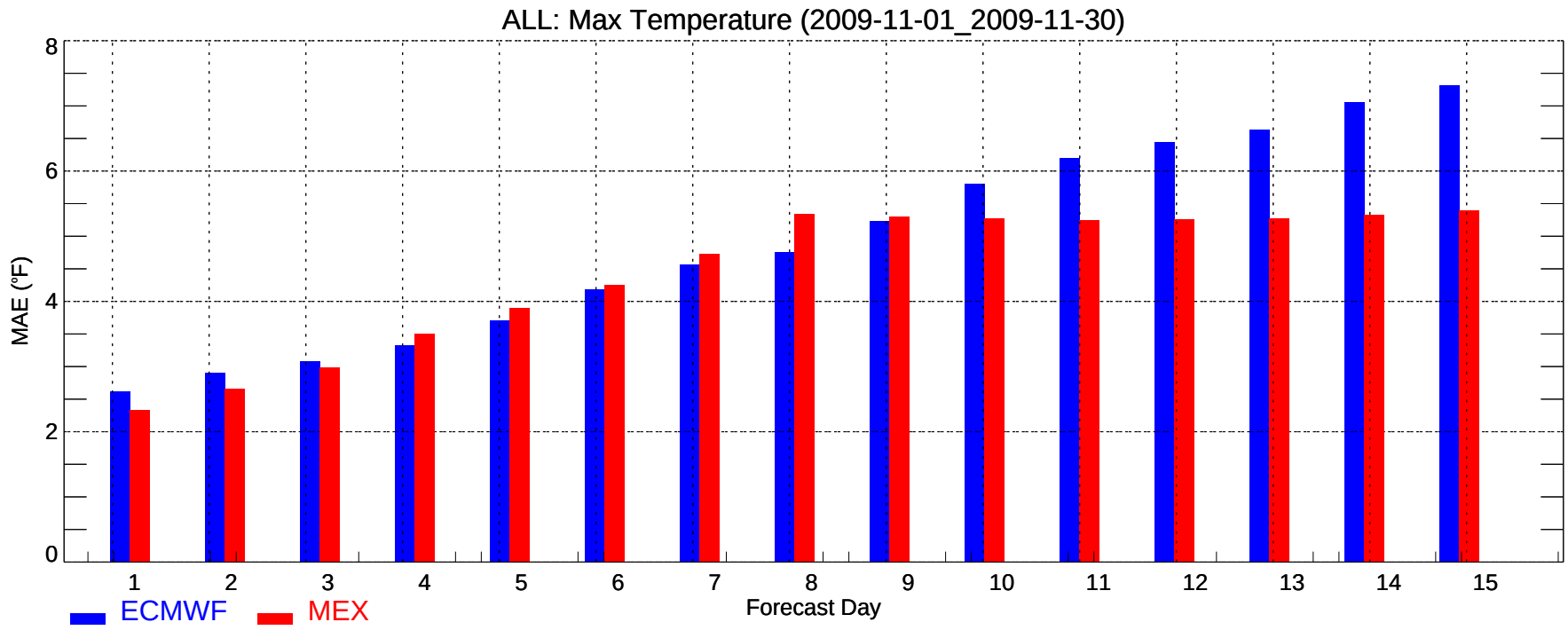
day14
day15

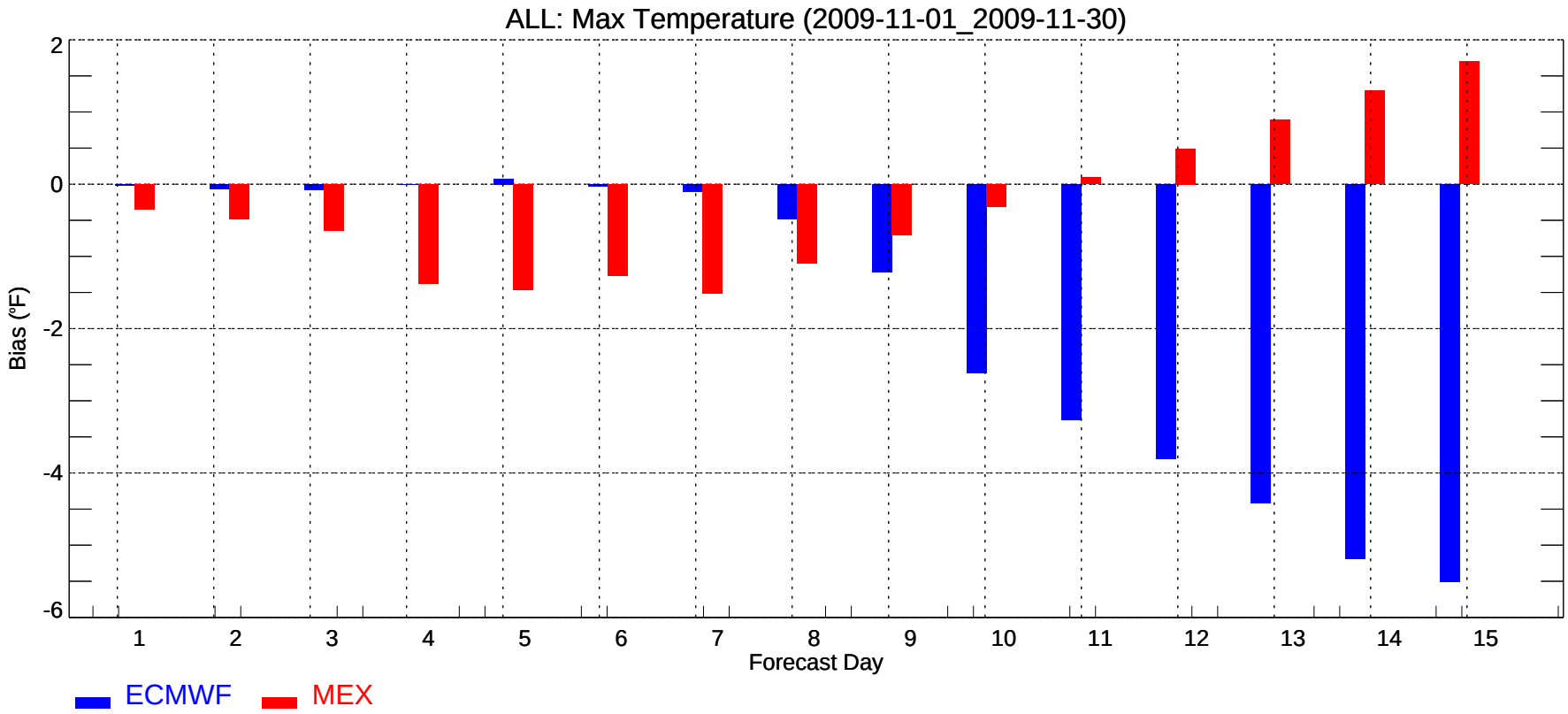

YYZ: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

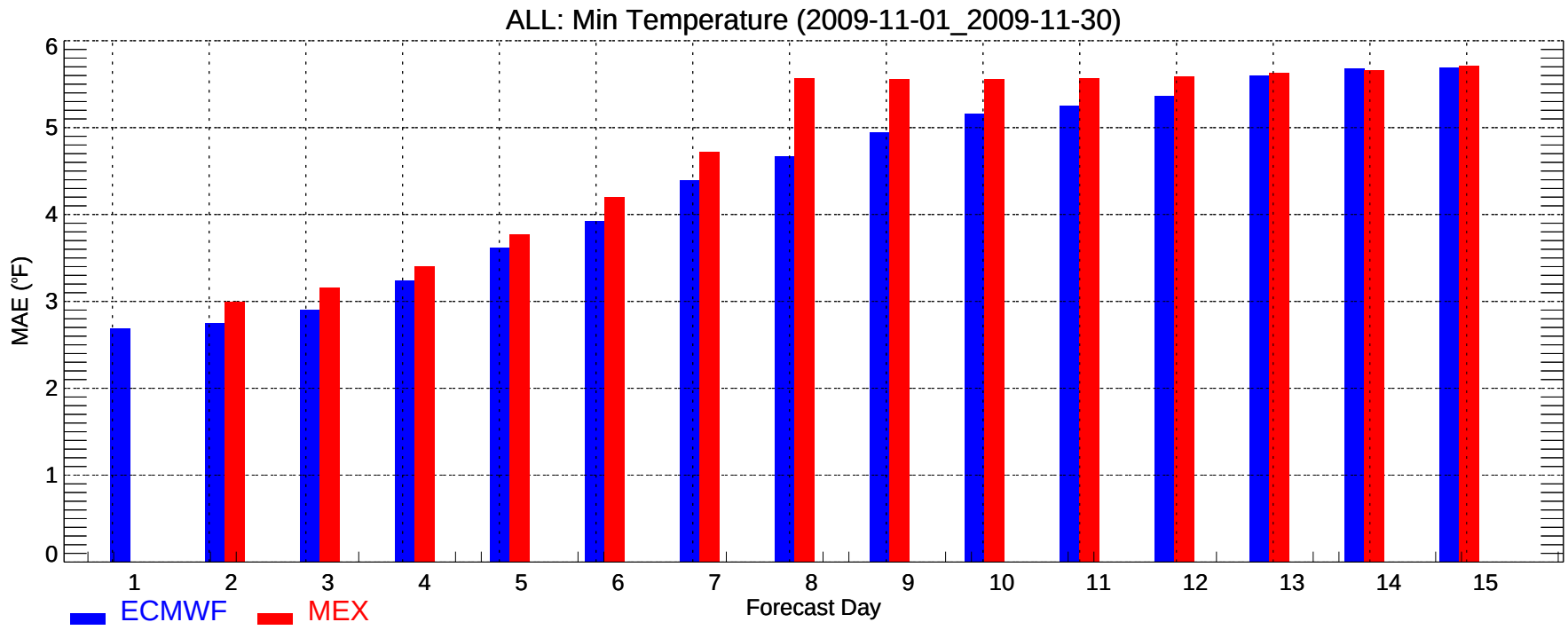

YYZ: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

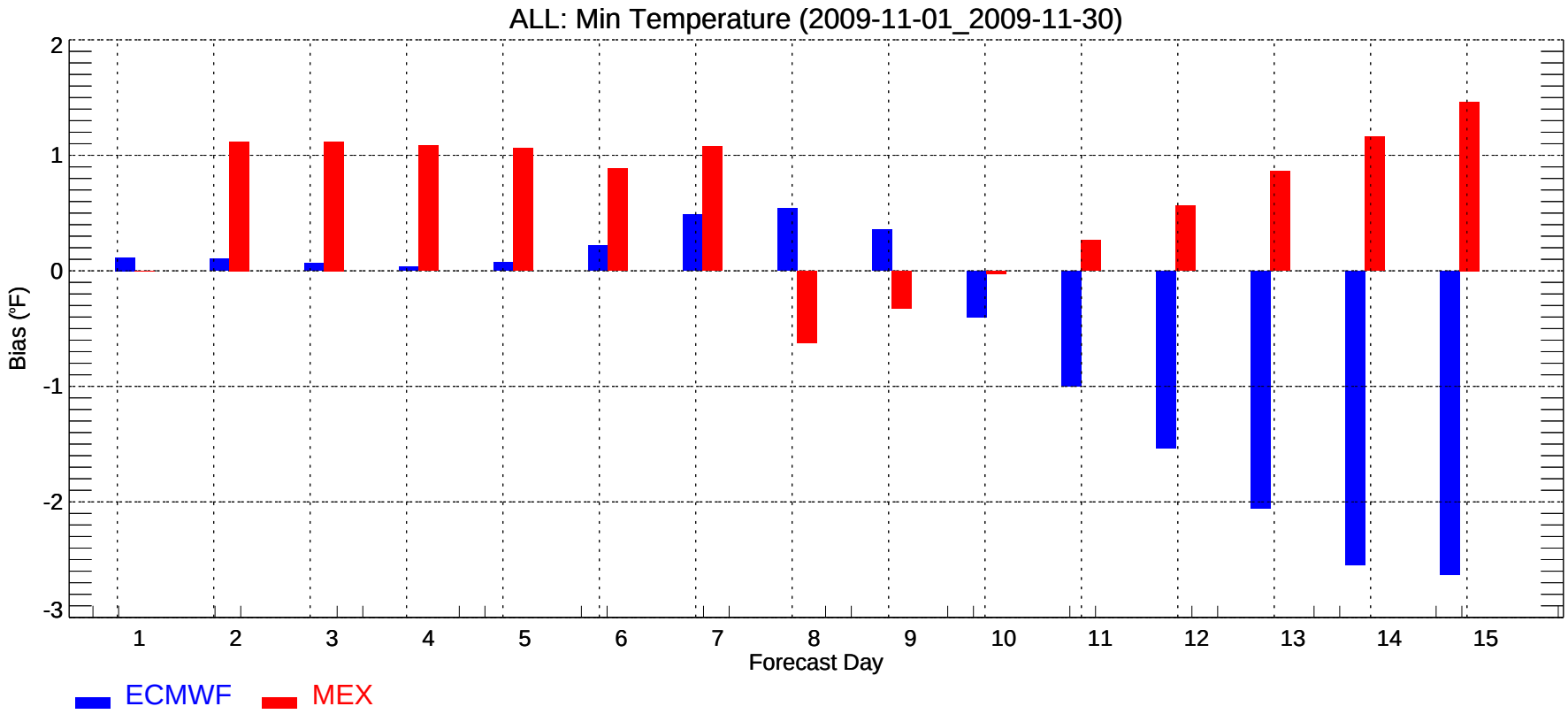

YYZ: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-11-30
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

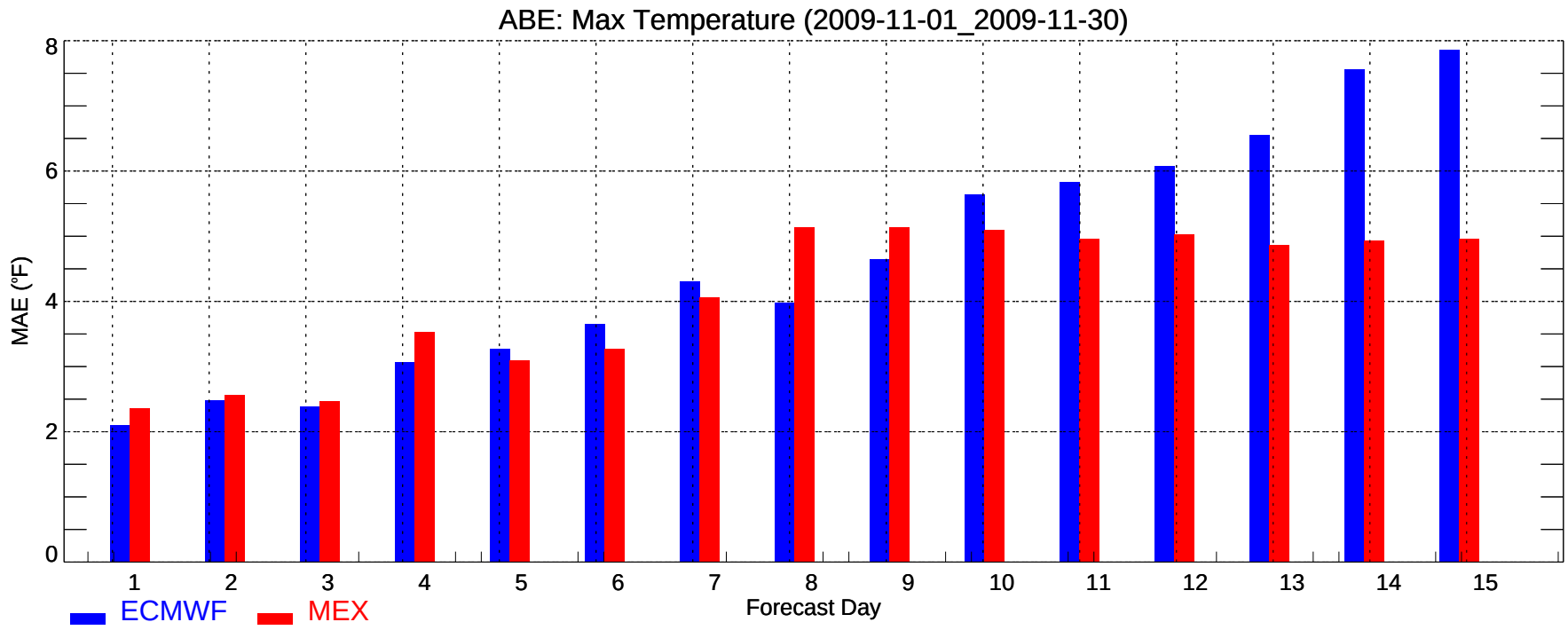

YYZ: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
11/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

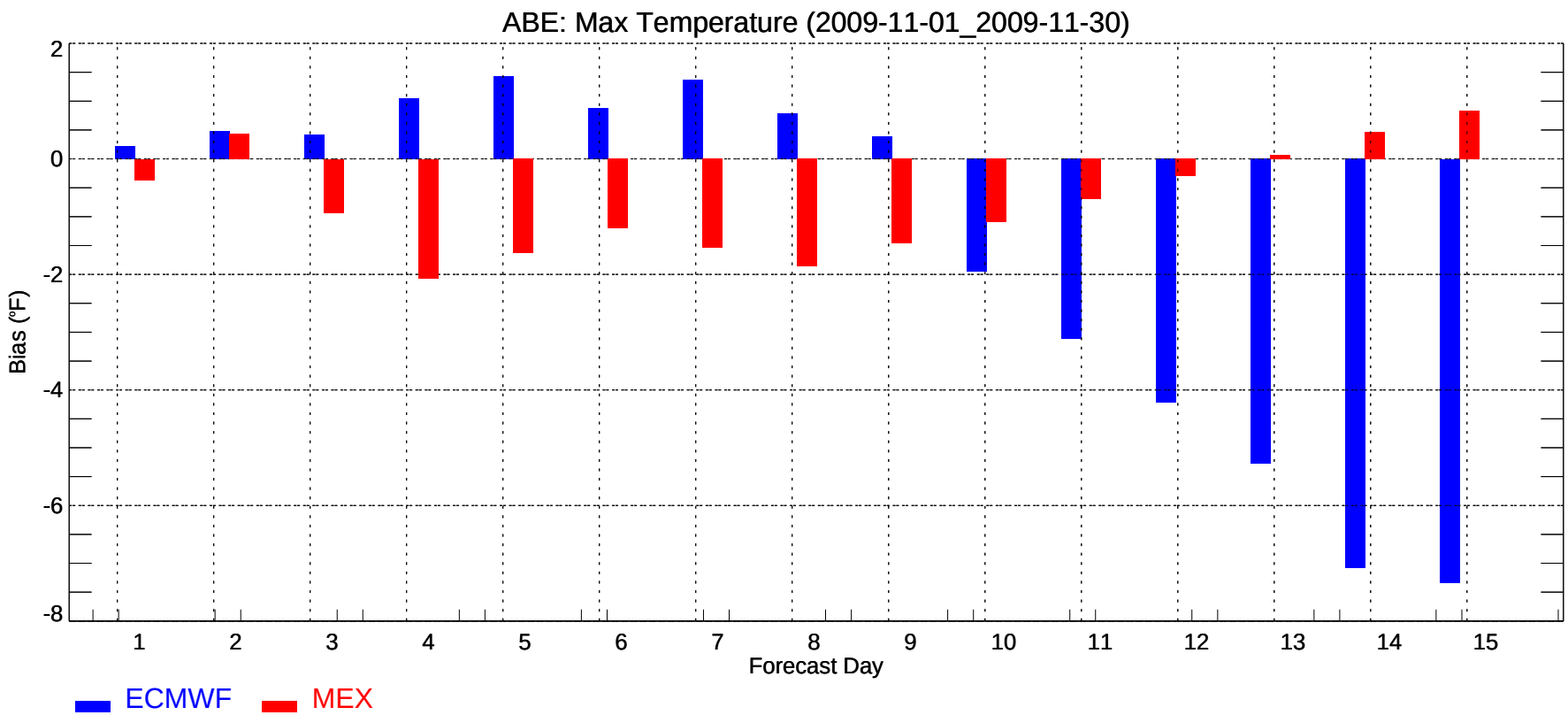

ALL: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

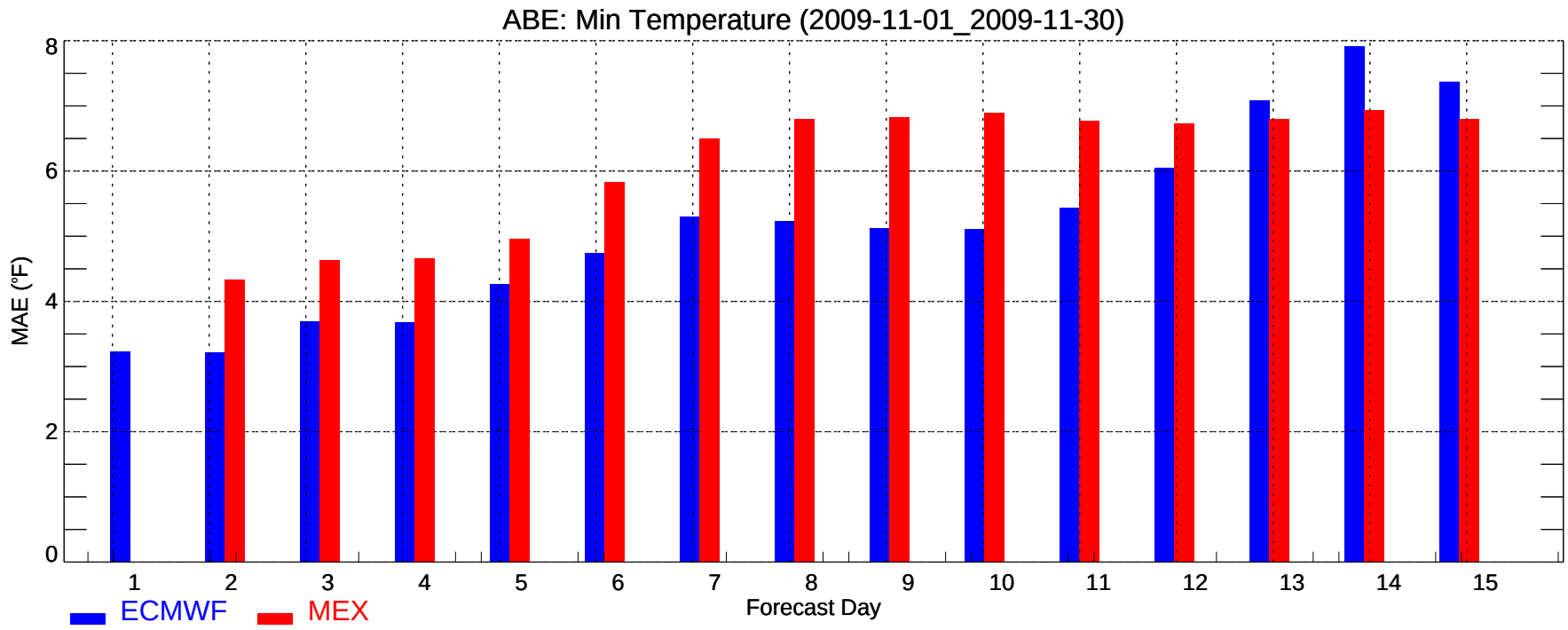

ALL: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

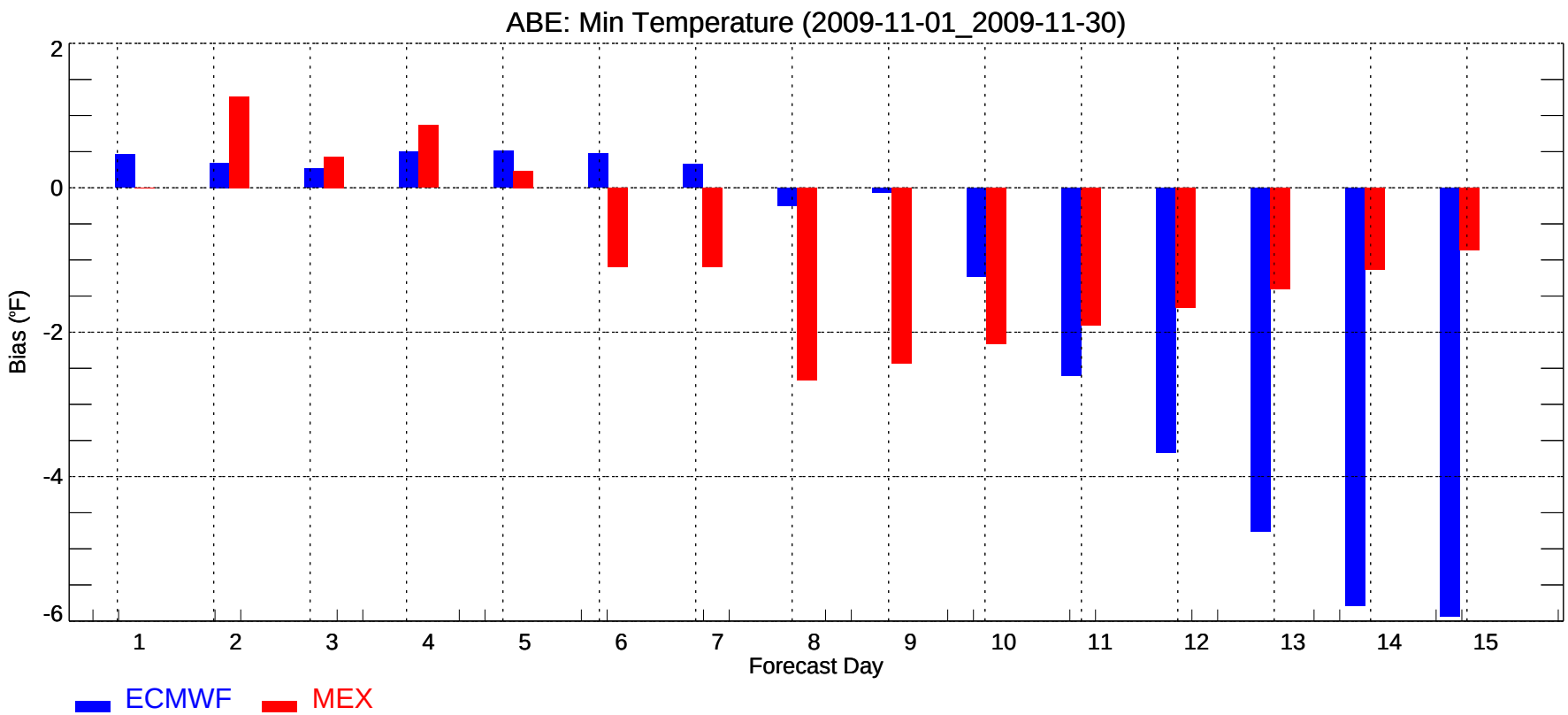

ALL: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

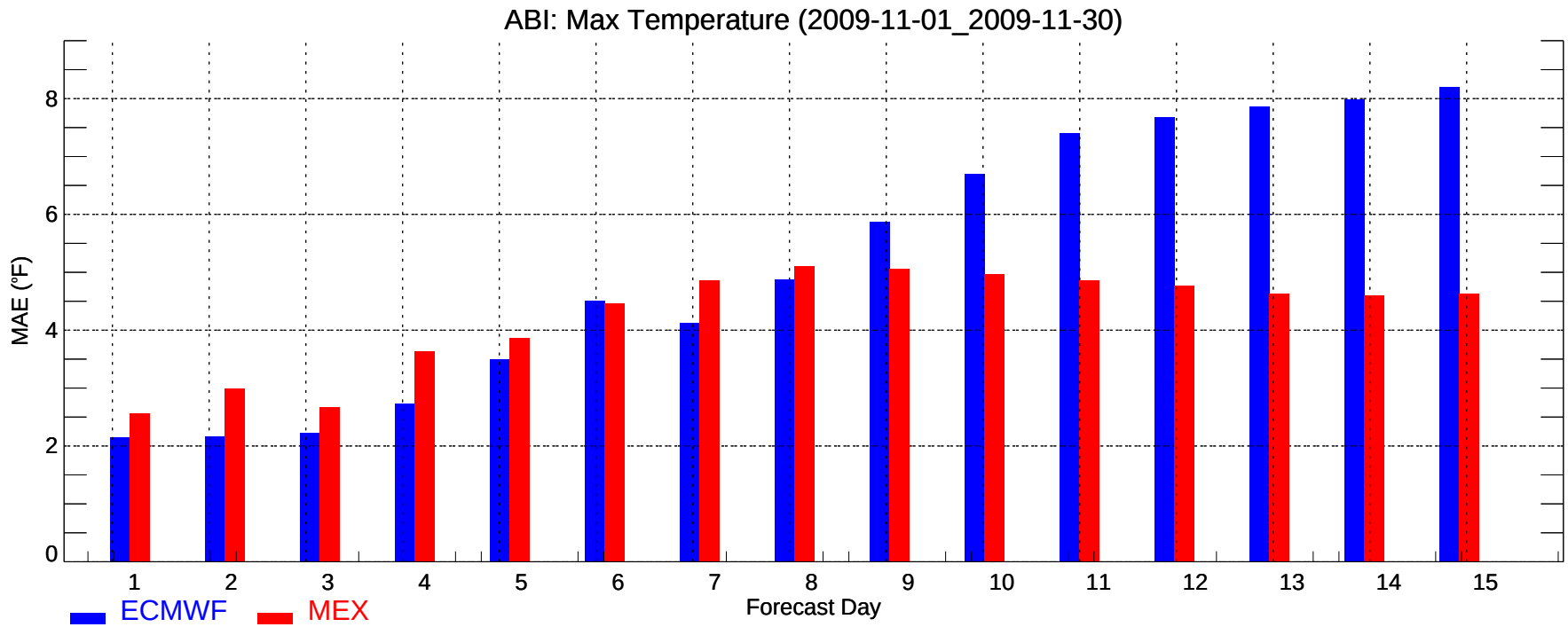

ALL: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

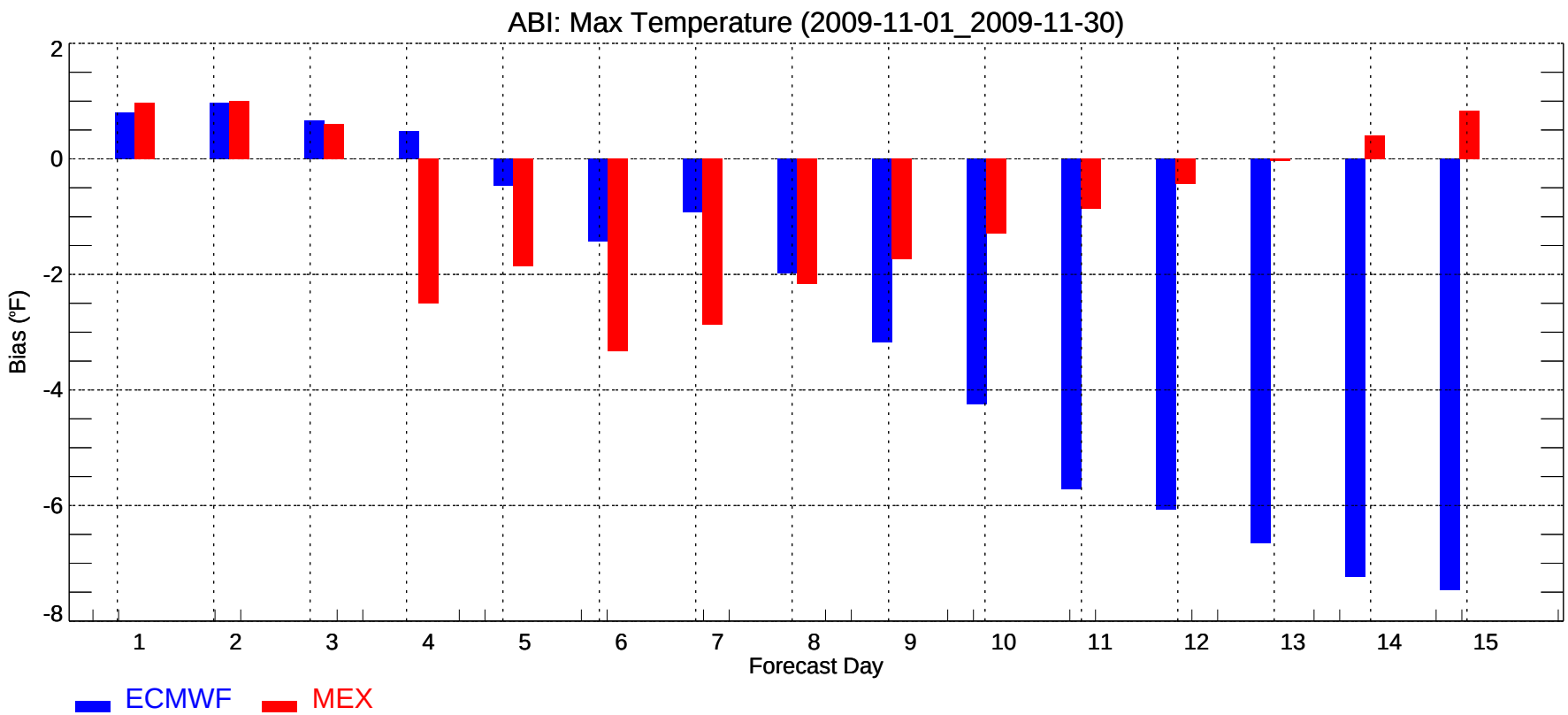

ABE: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

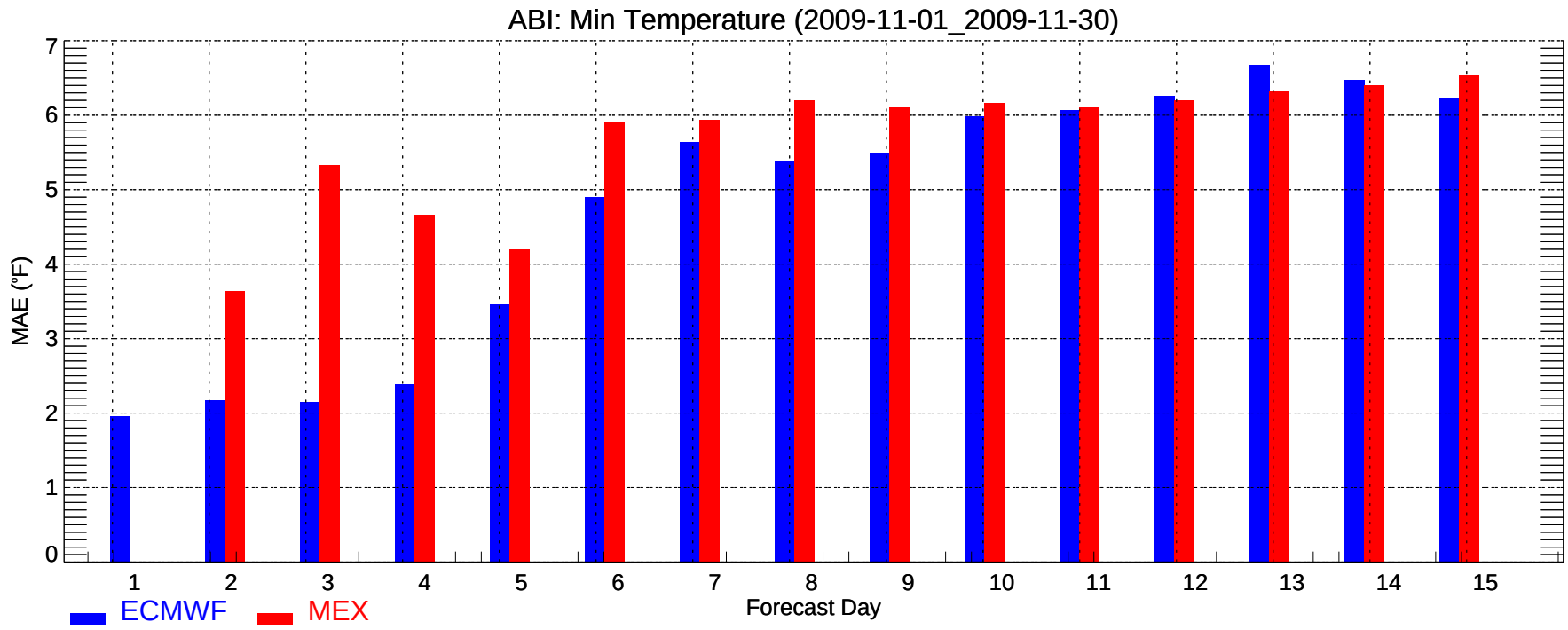

ABE: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

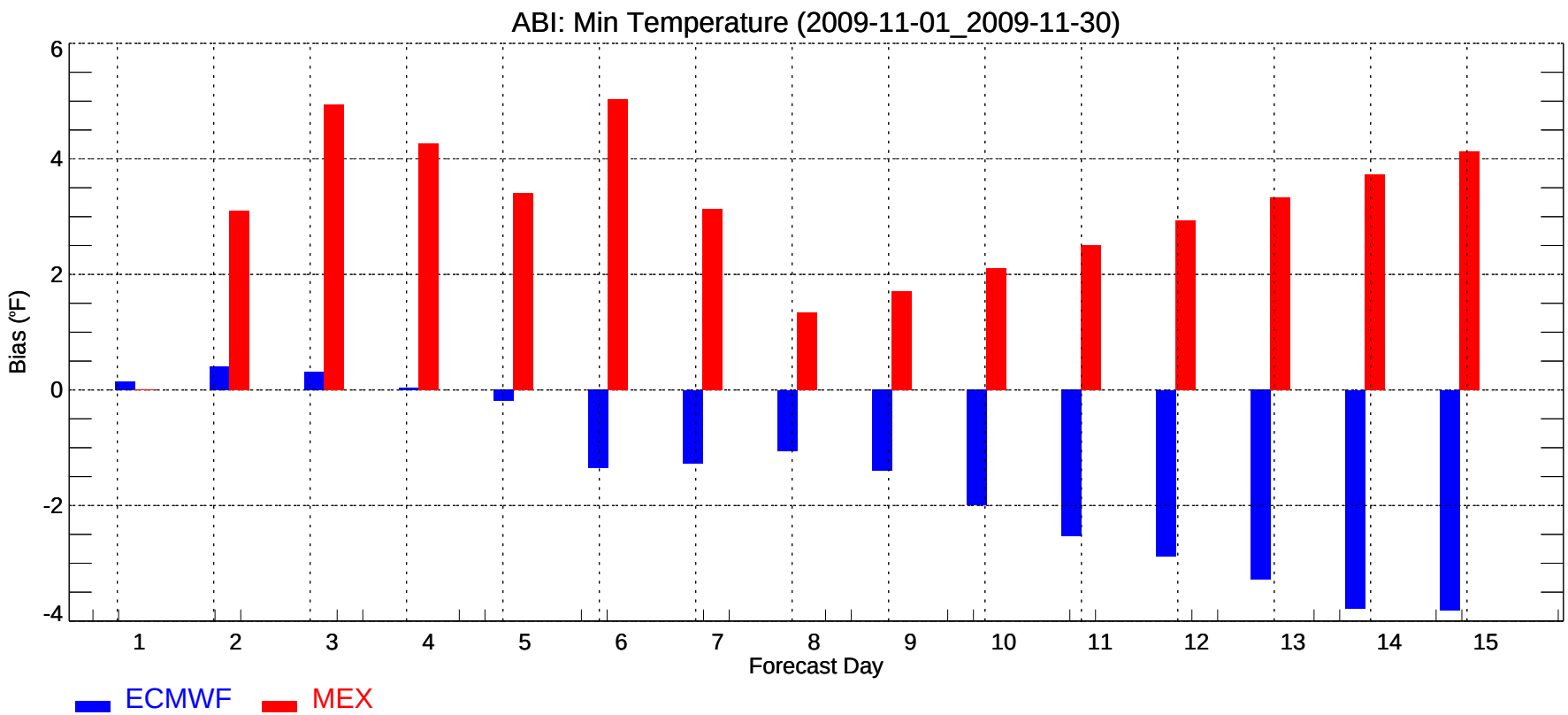

ABE: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

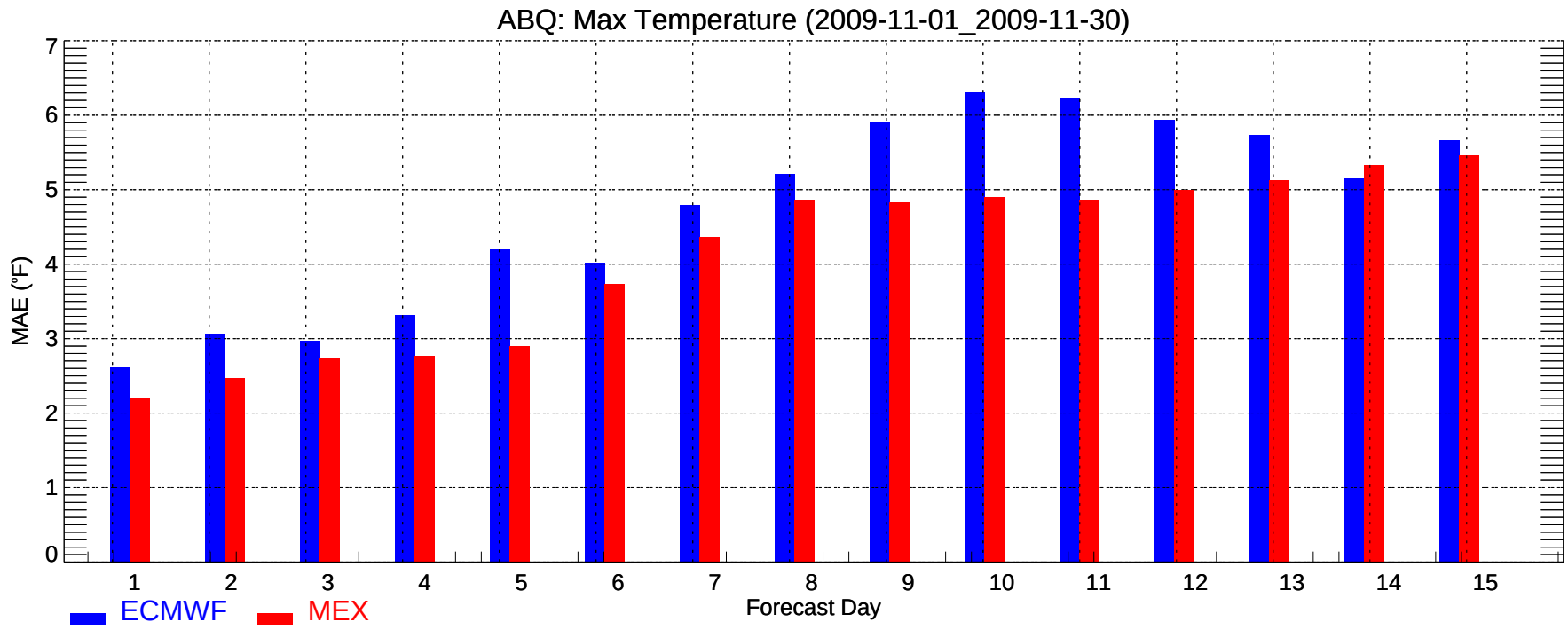

ABE: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

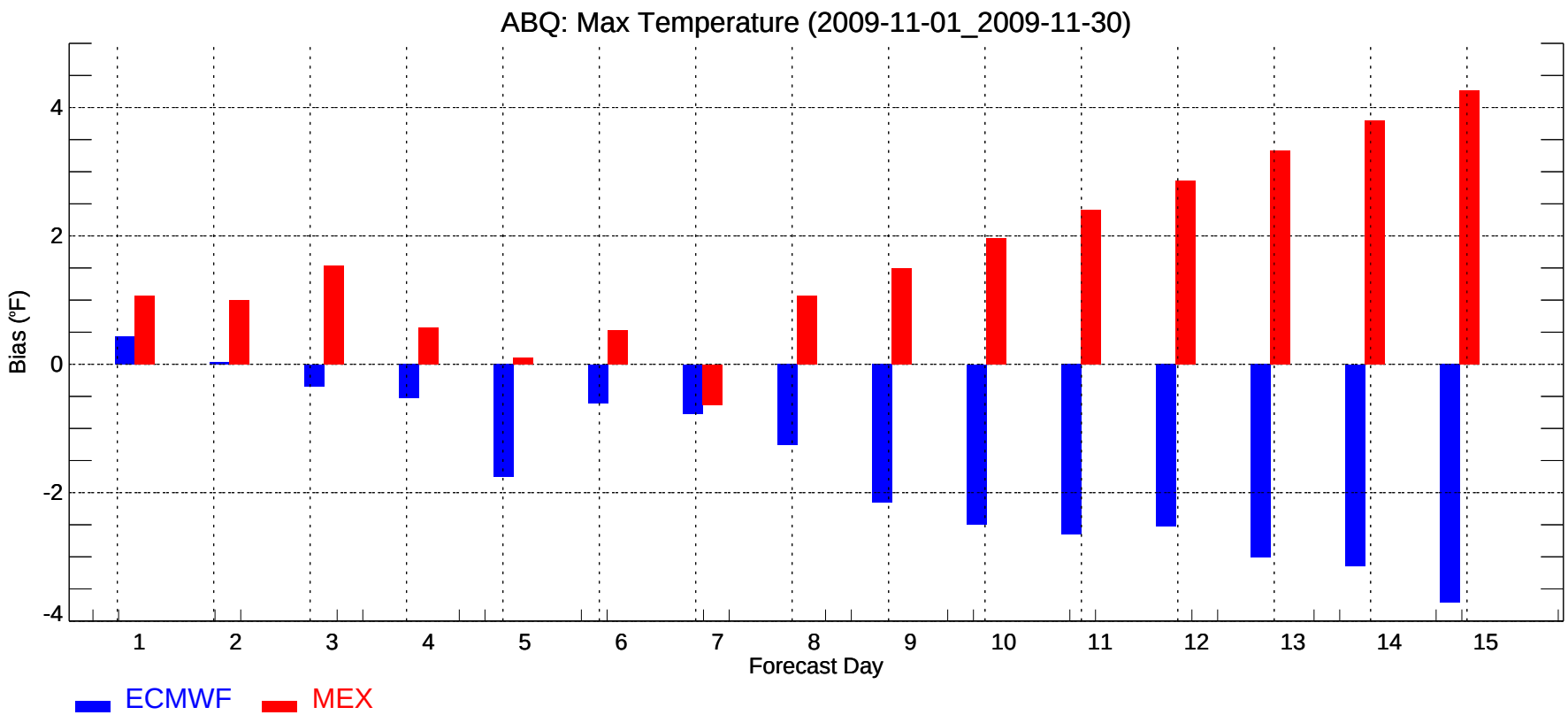

ABI: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

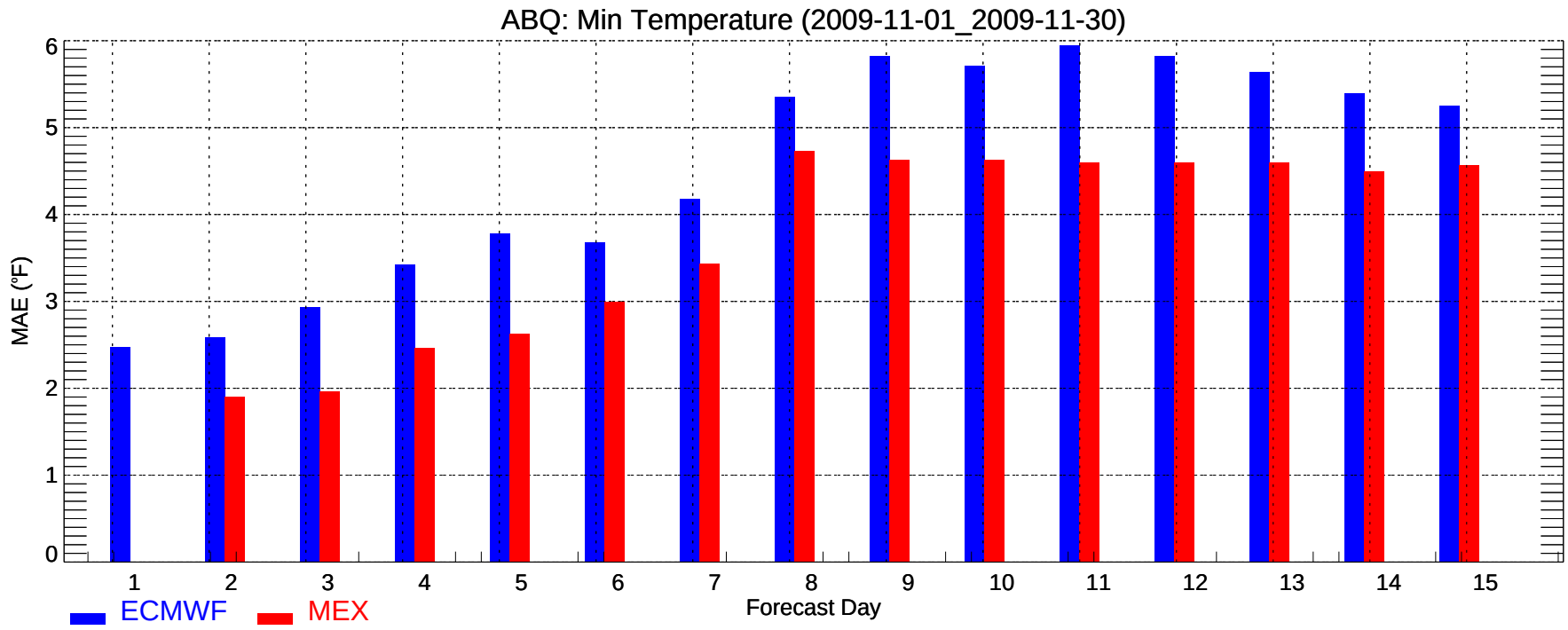

ABI: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

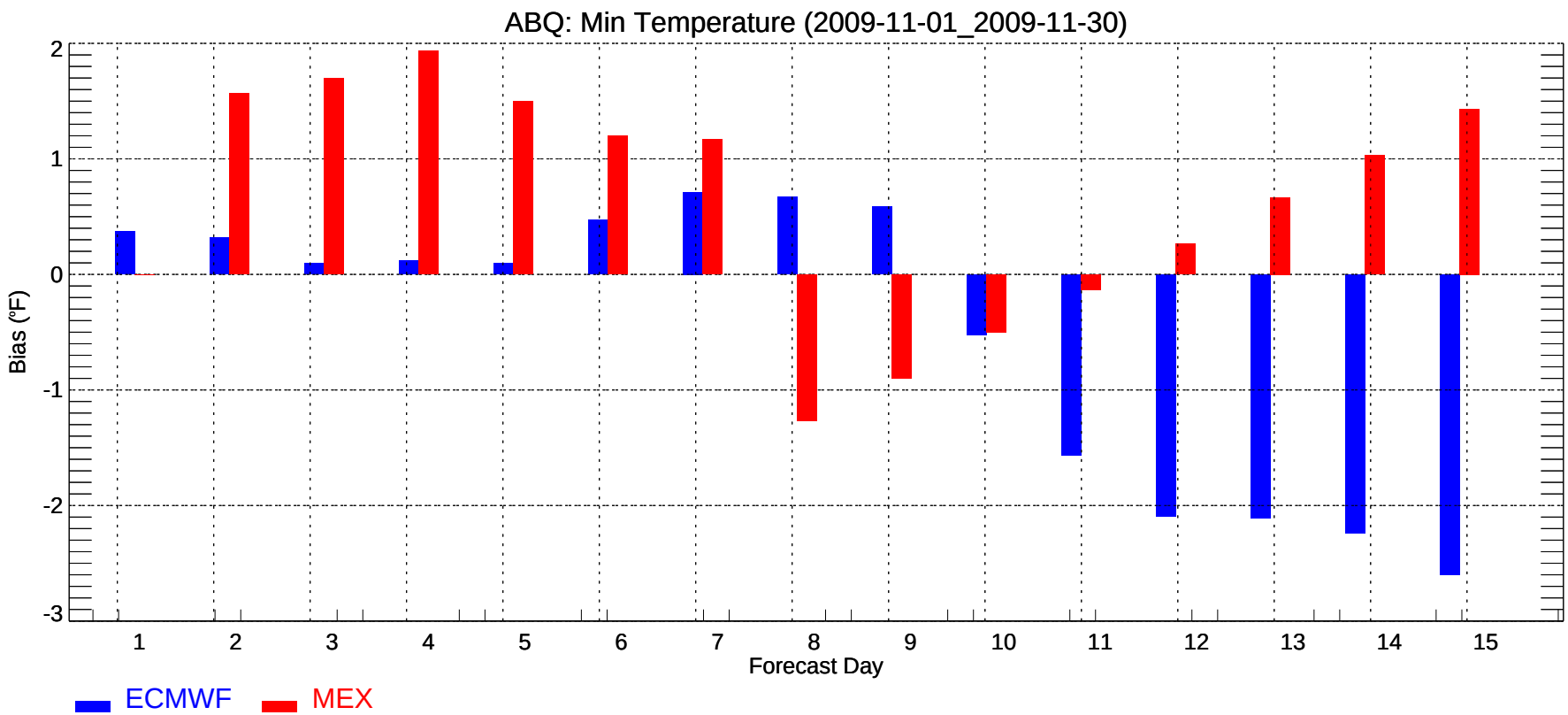

ABI: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

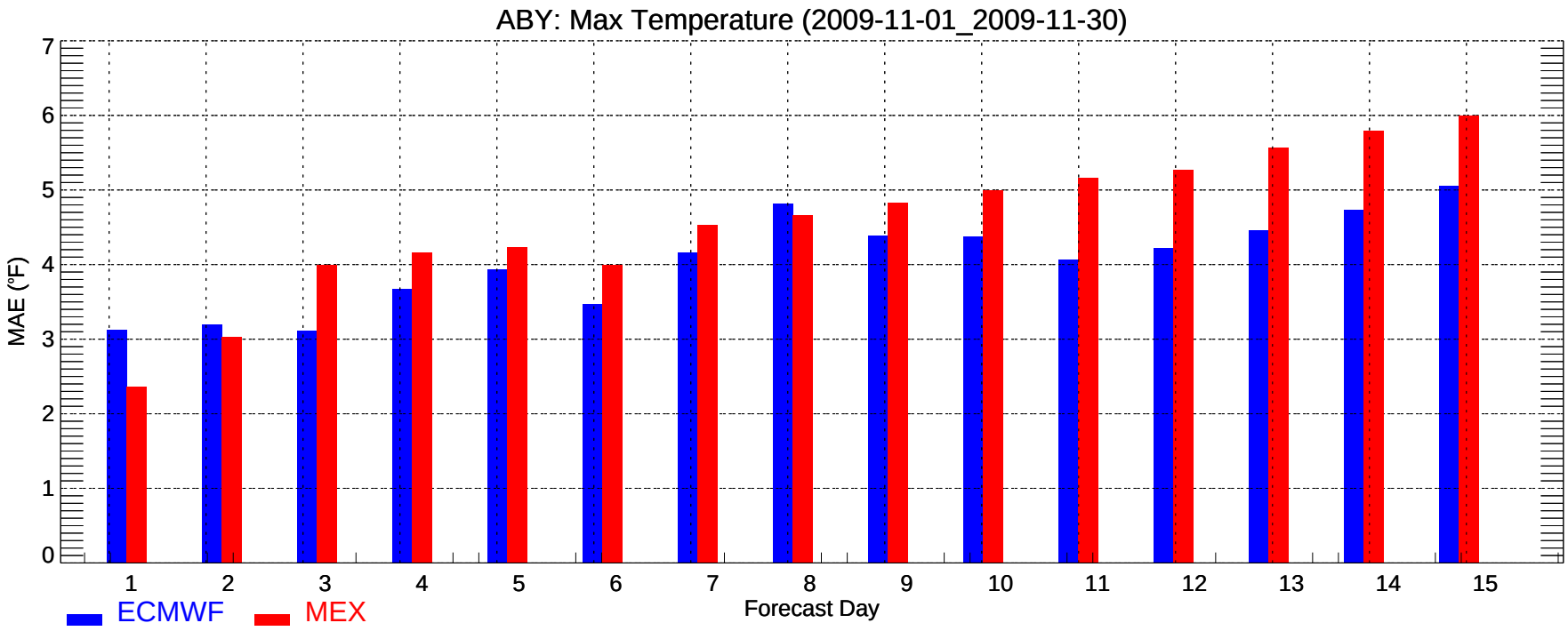

ABI: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

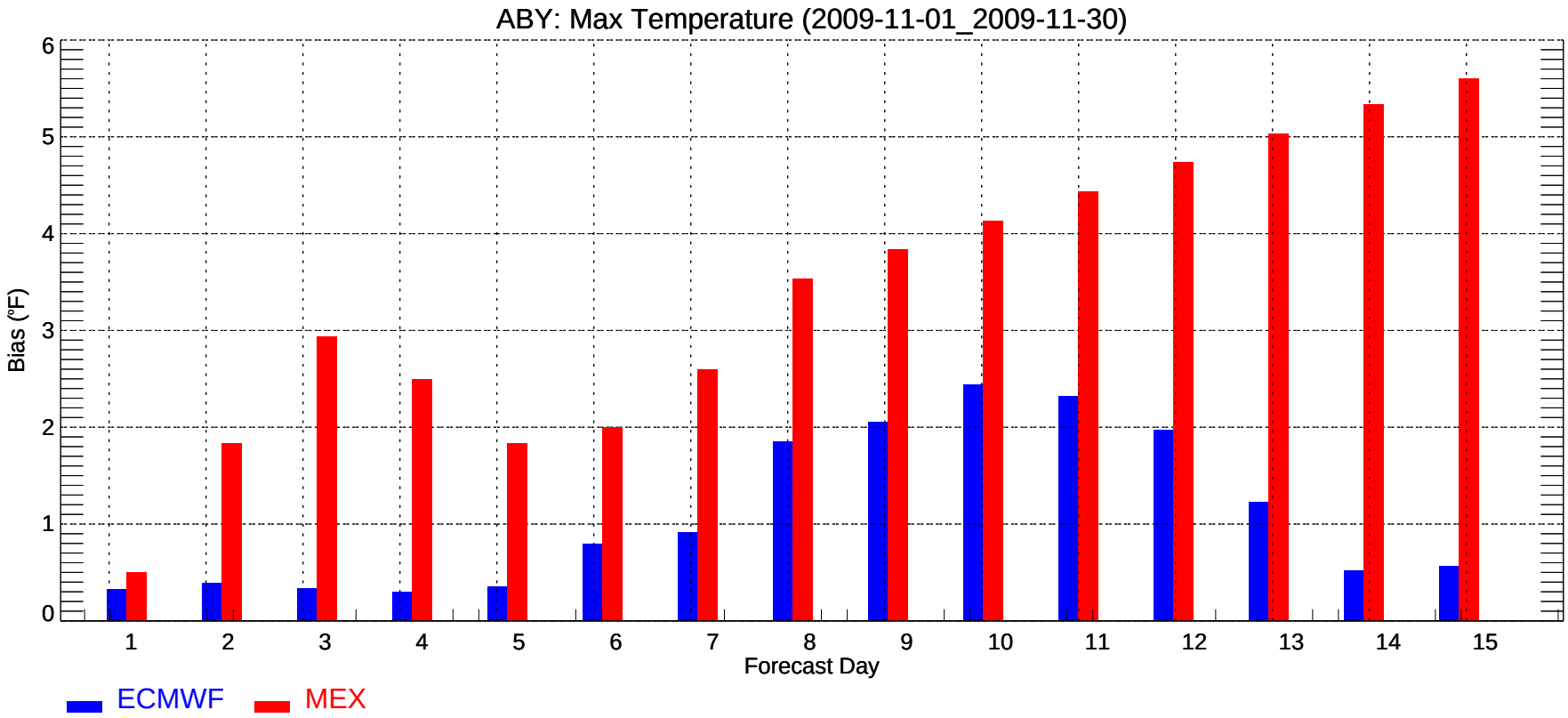

ABQ: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

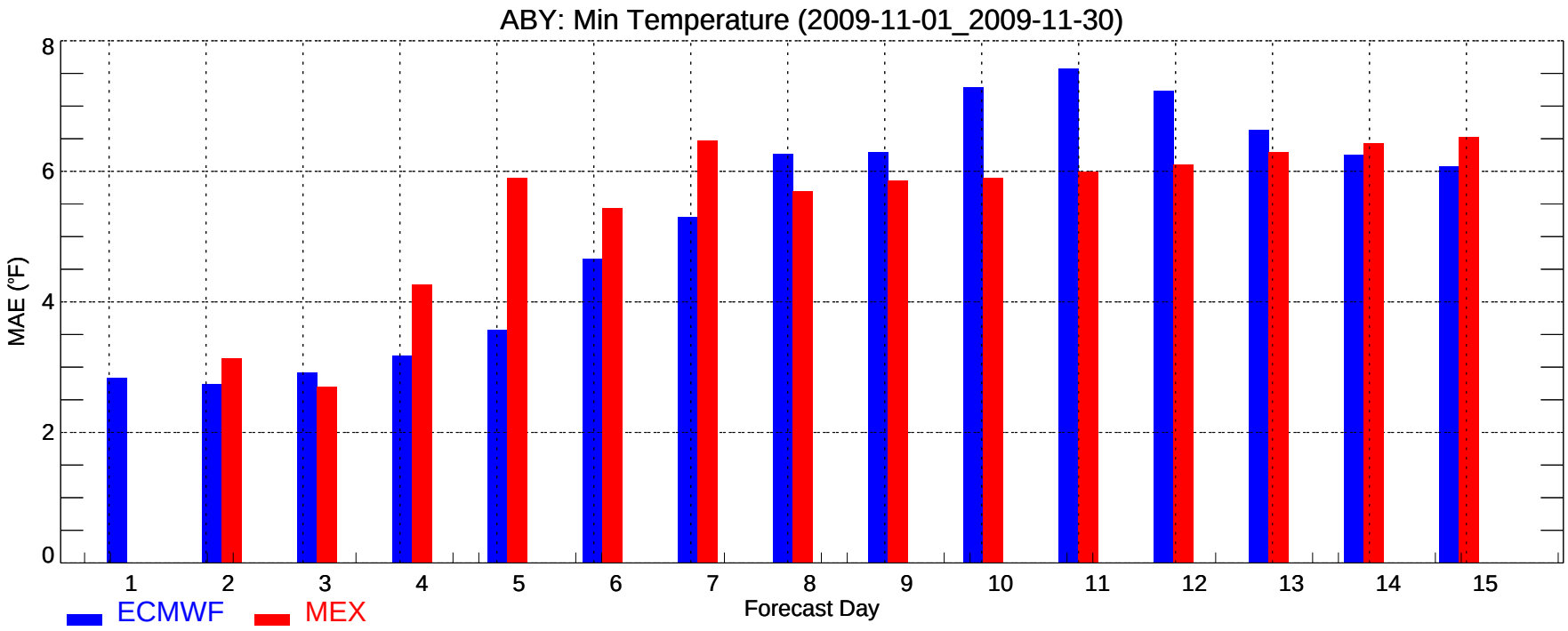

ABQ: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-4
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

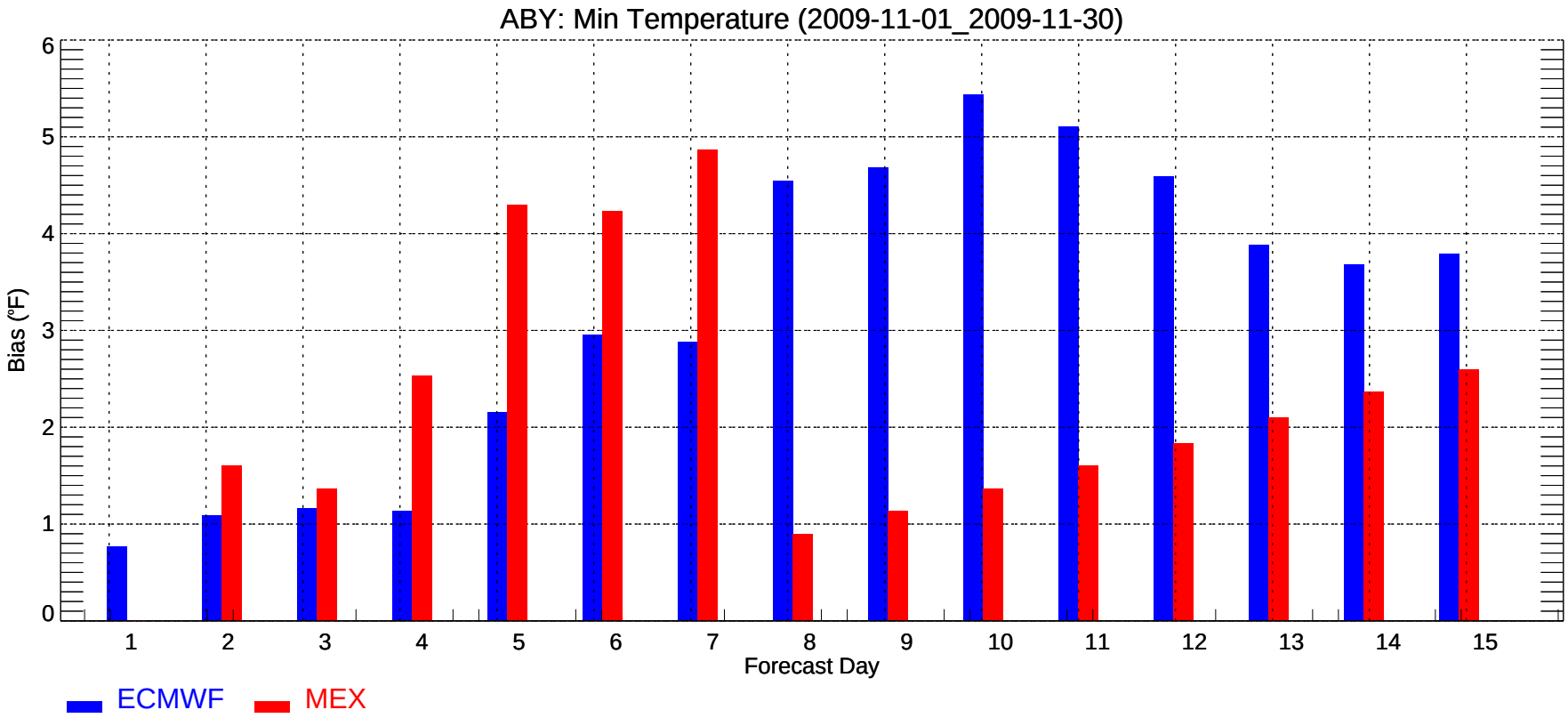

ABQ: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

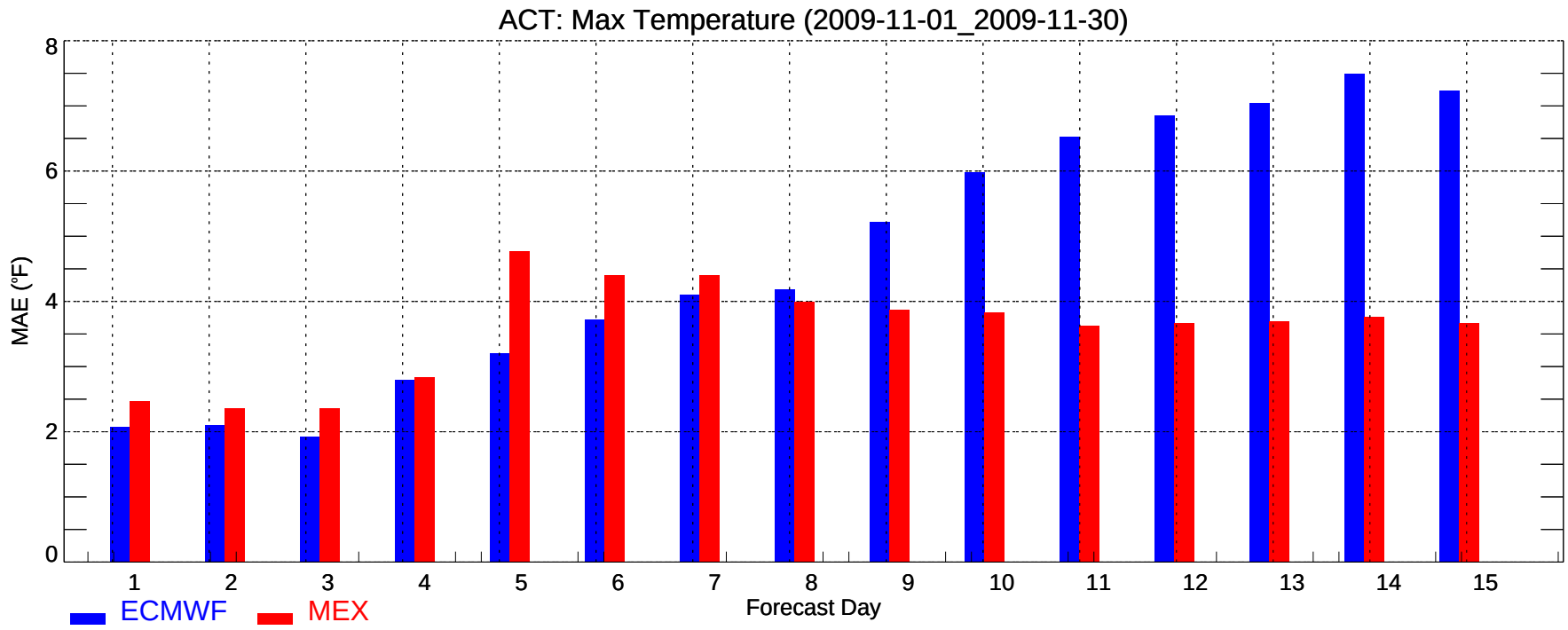

ABQ: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

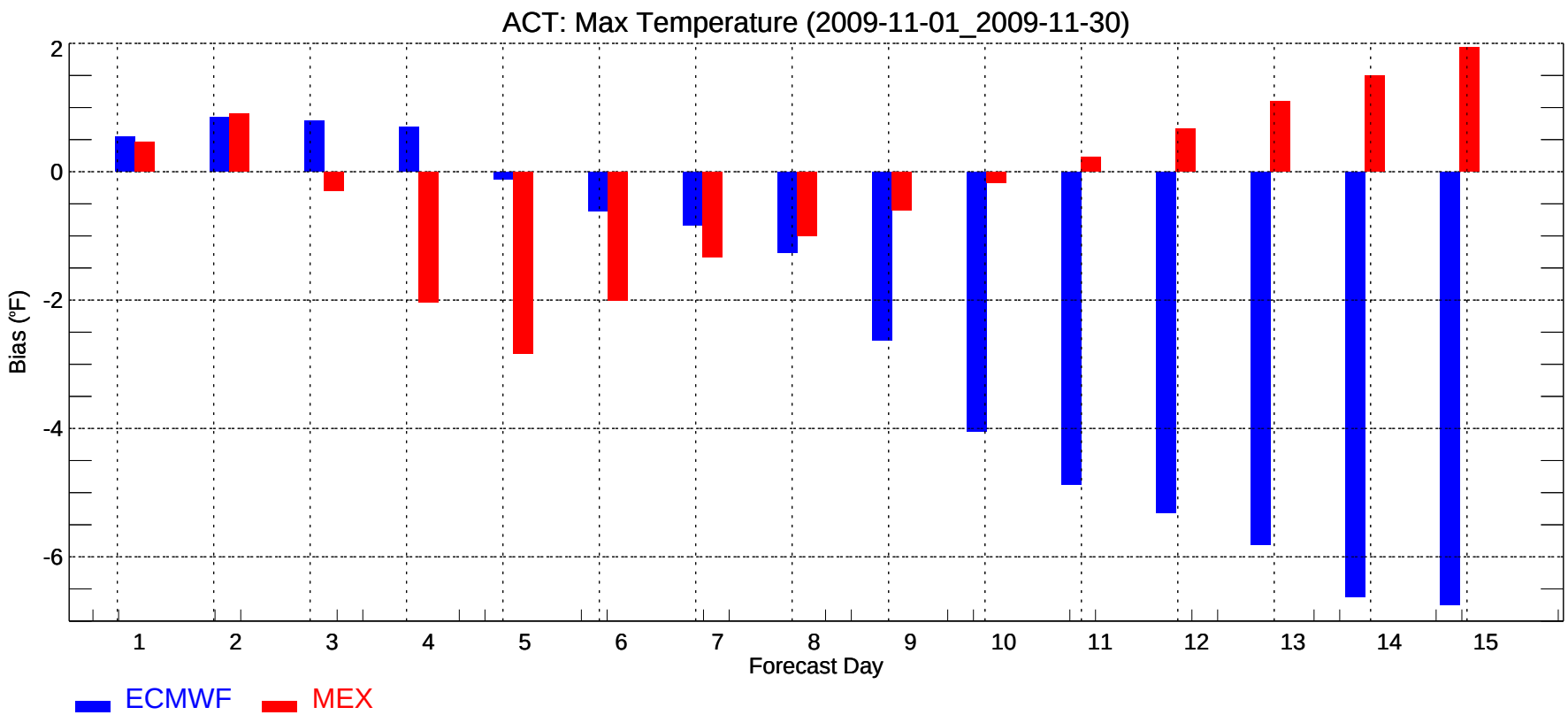

ABY: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

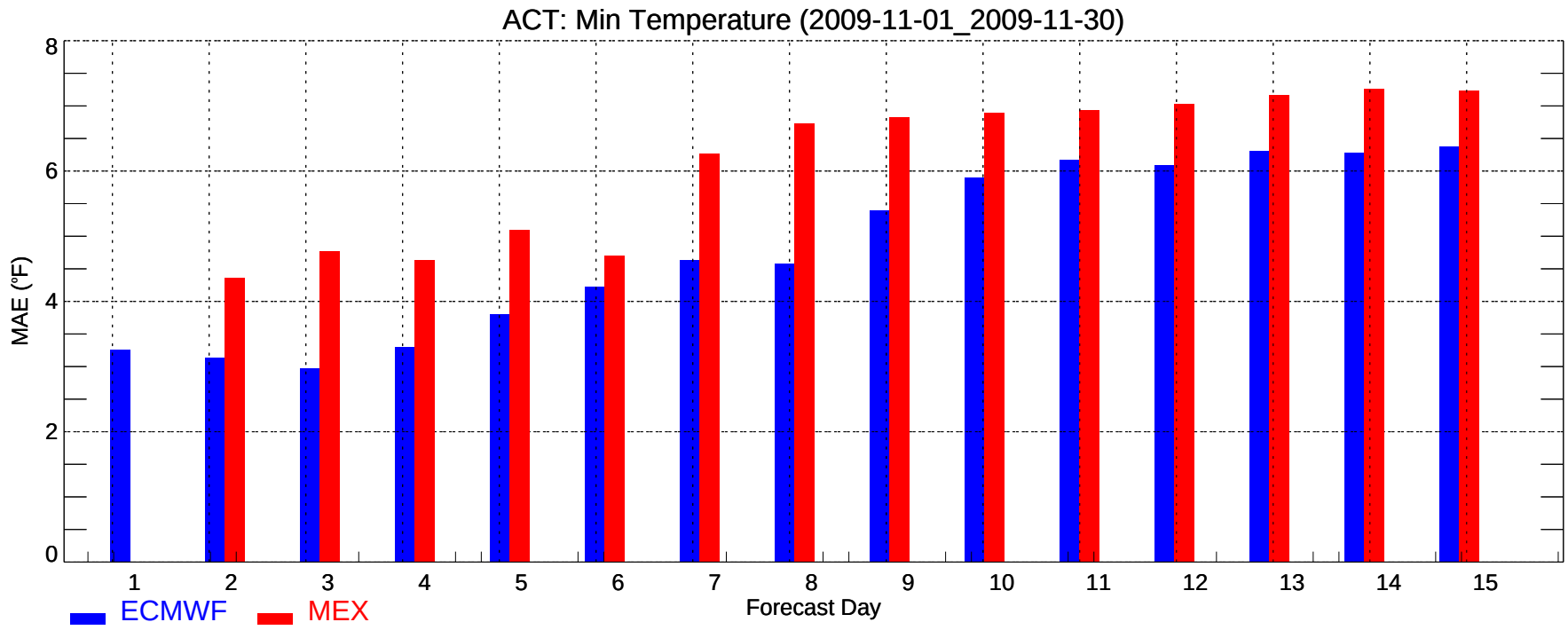

ABY: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

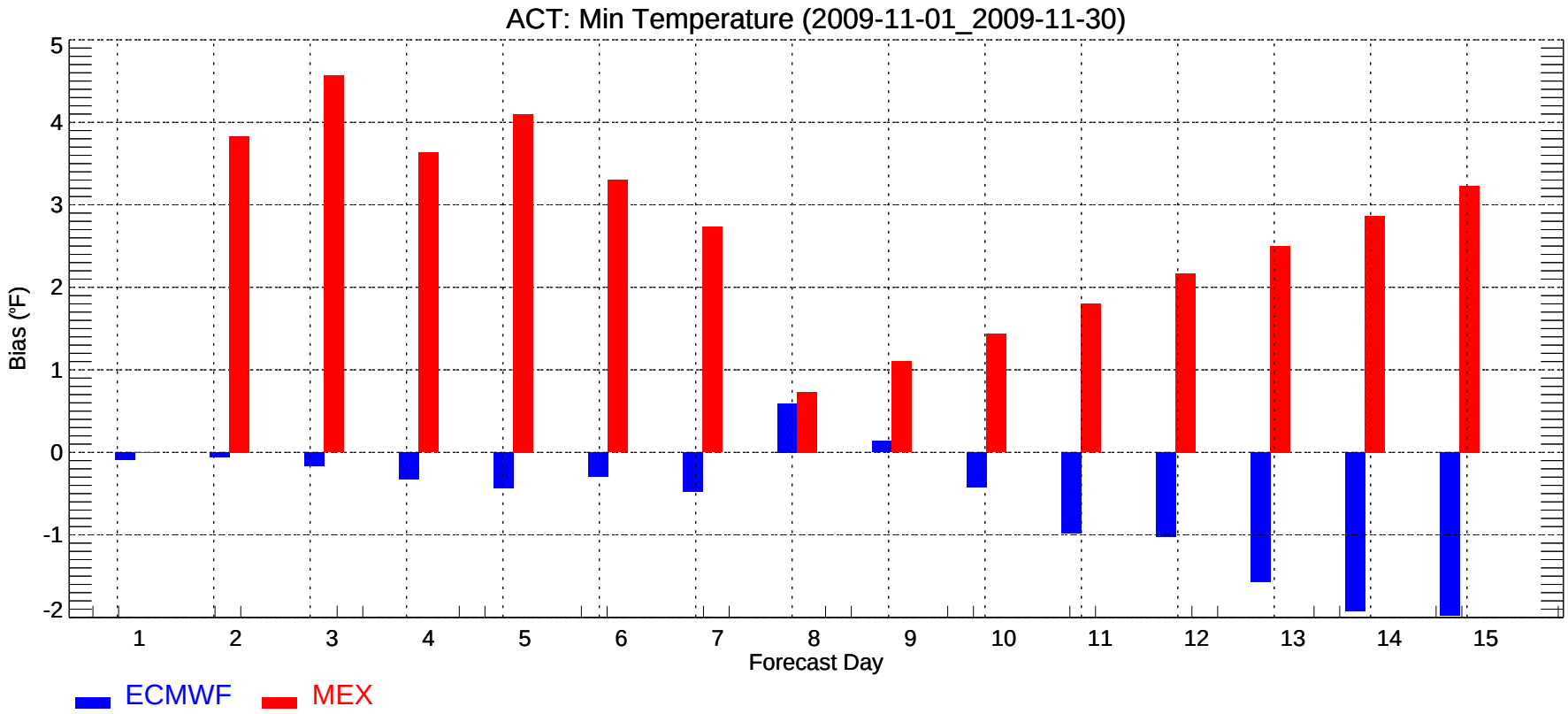

ABY: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

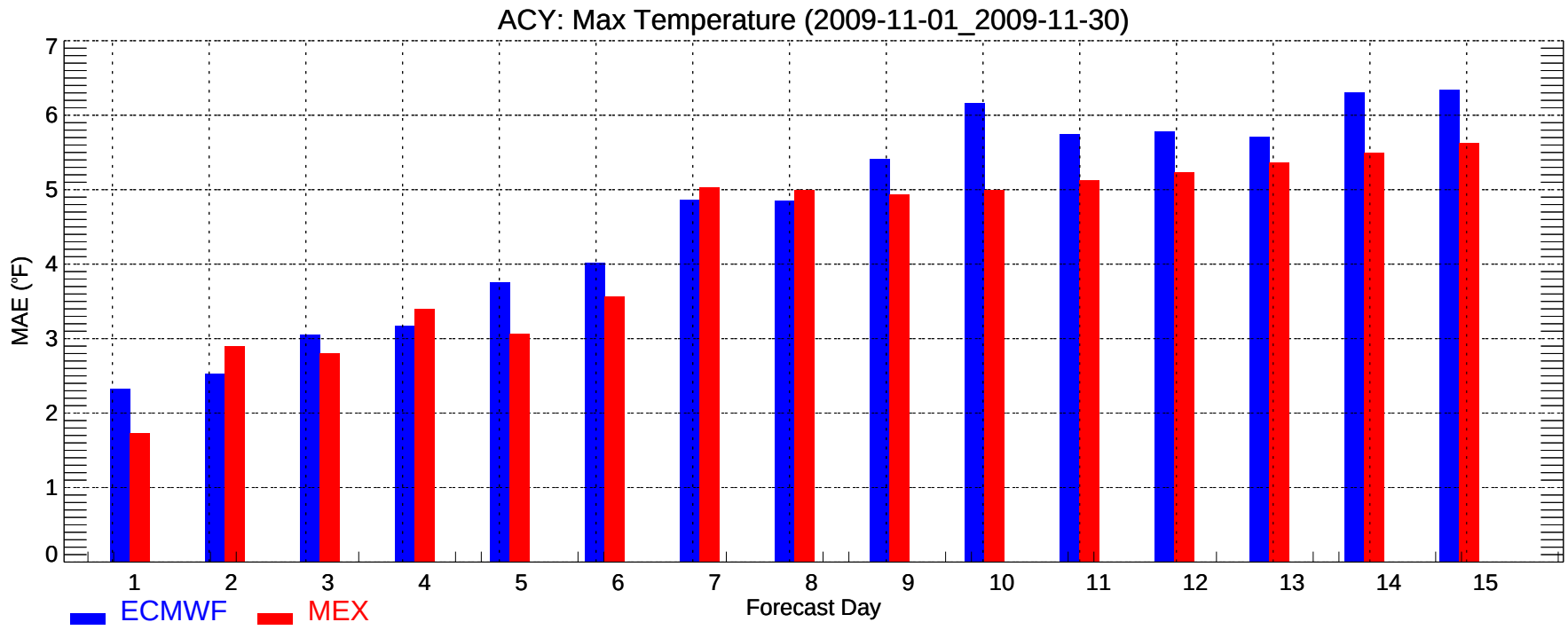

ABY: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

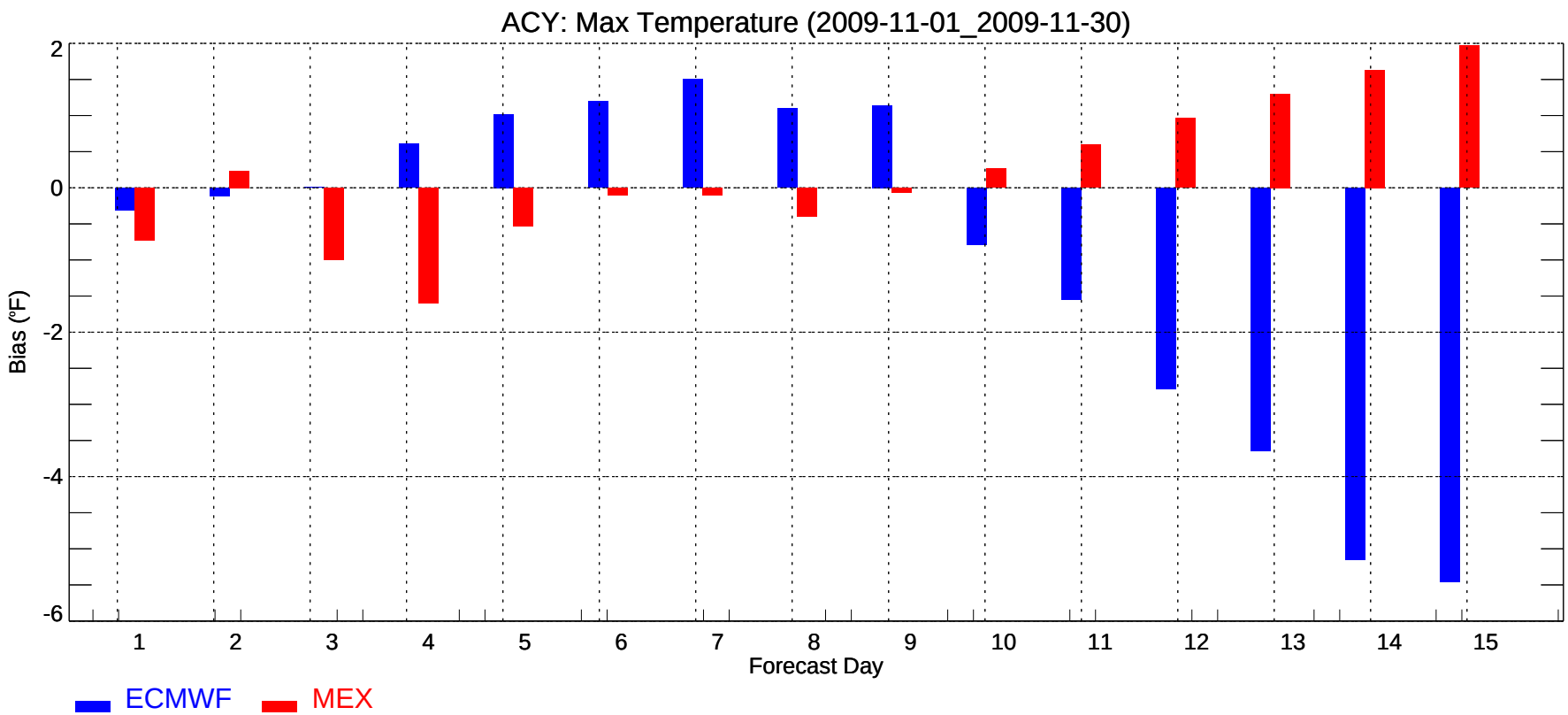

ACT: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

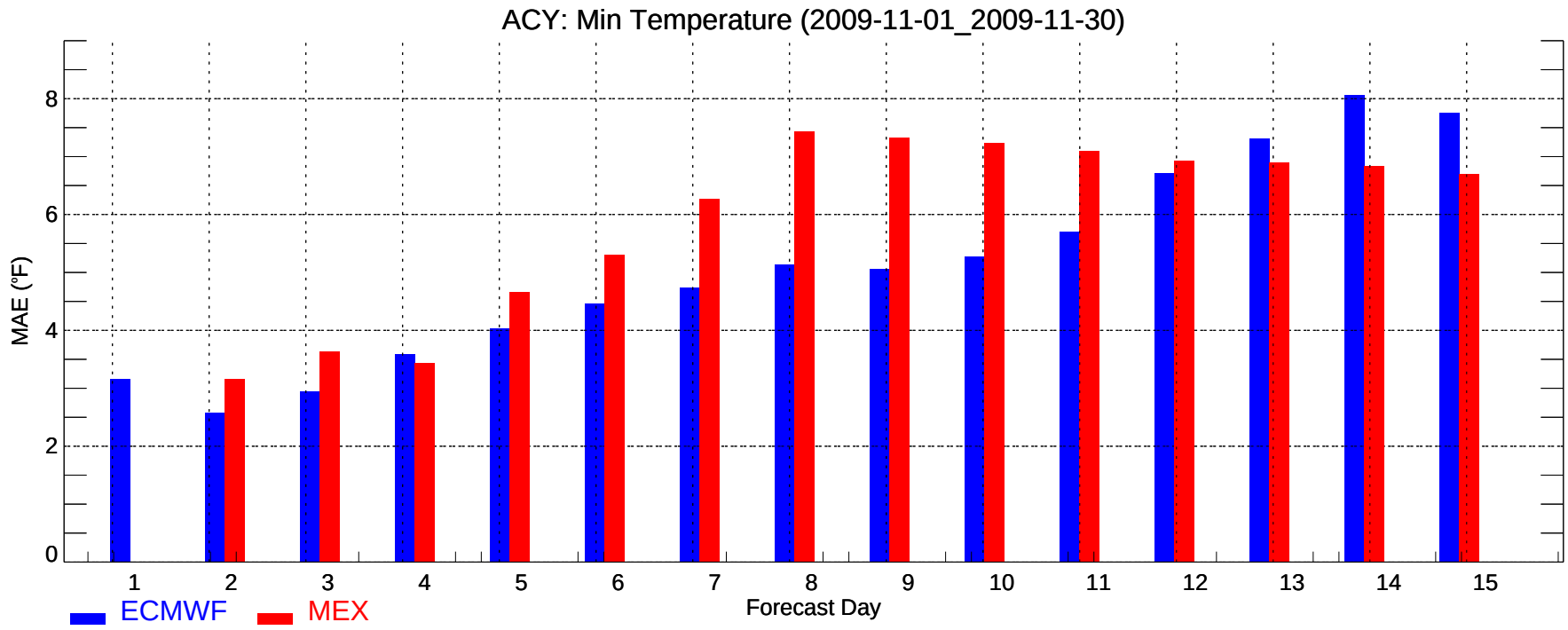

ACT: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

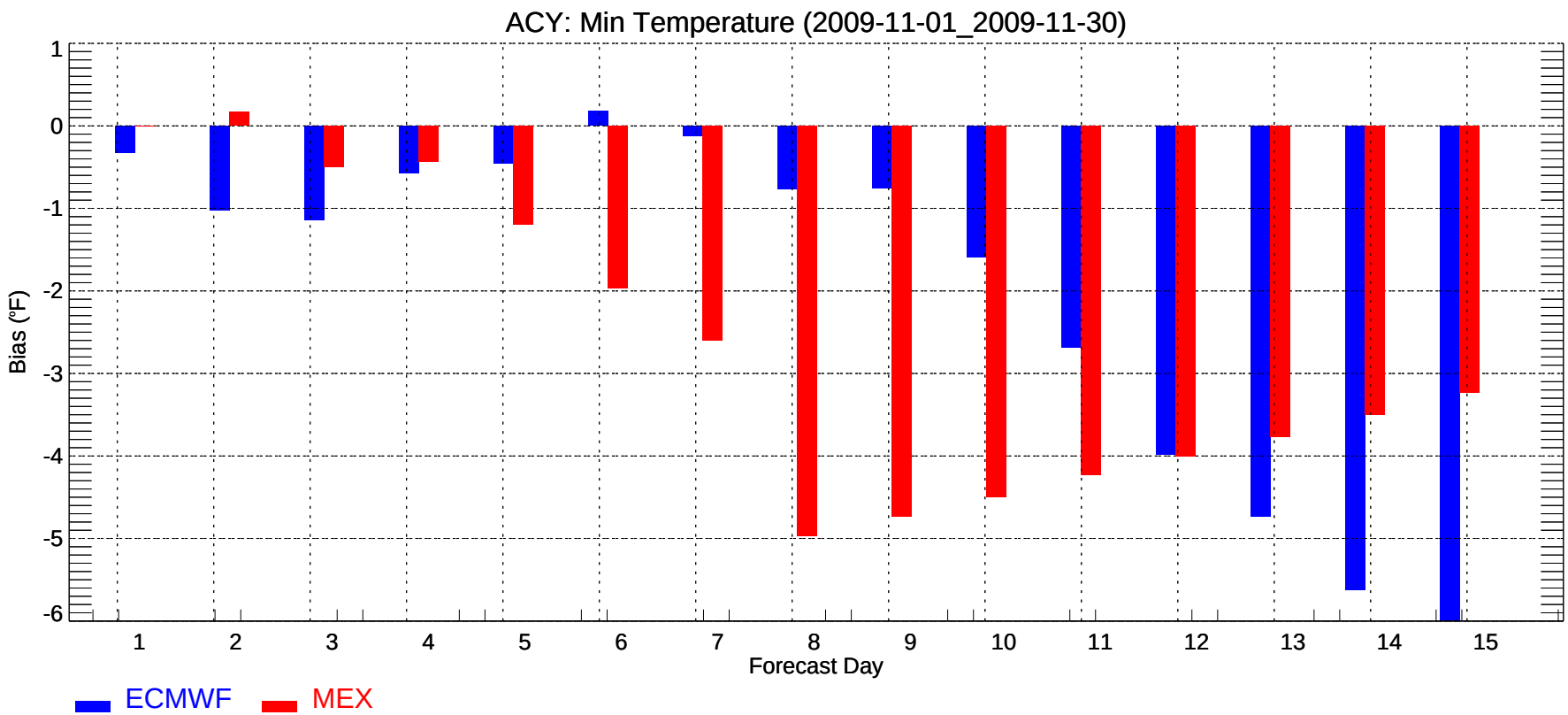

ACT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

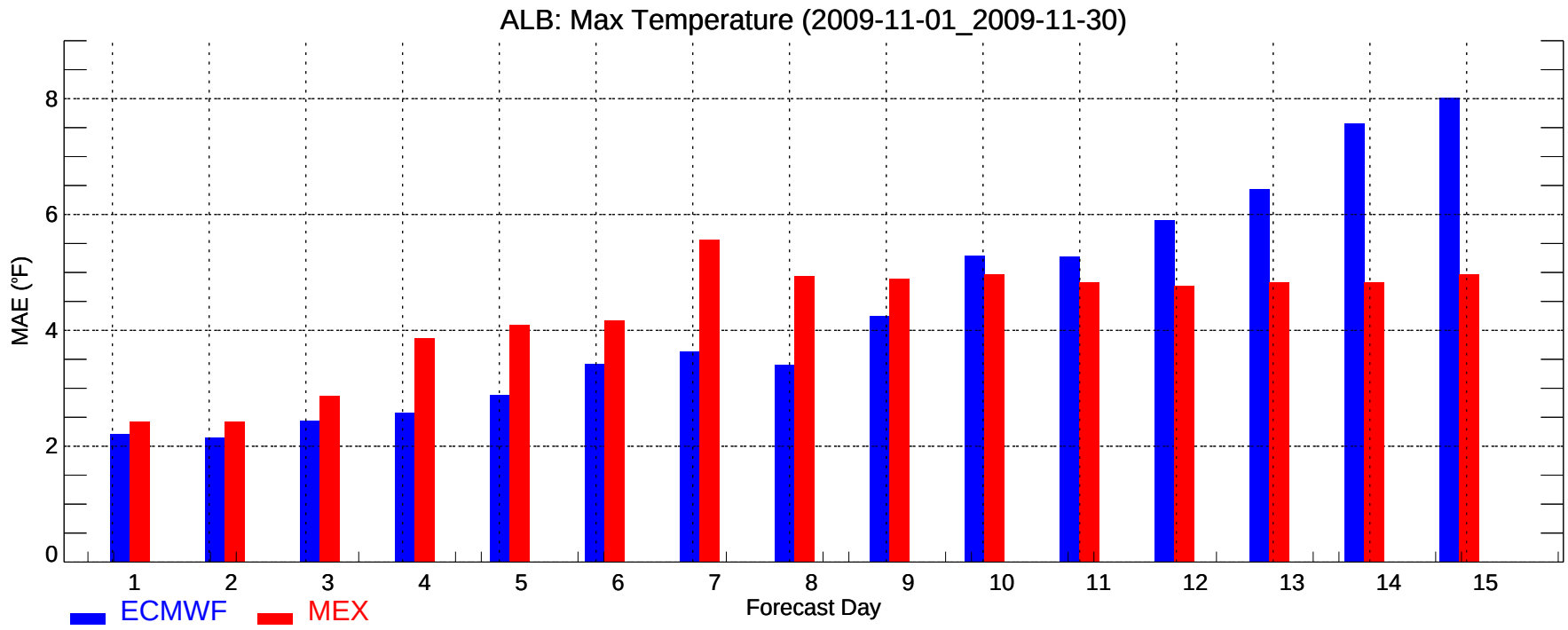

ACT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

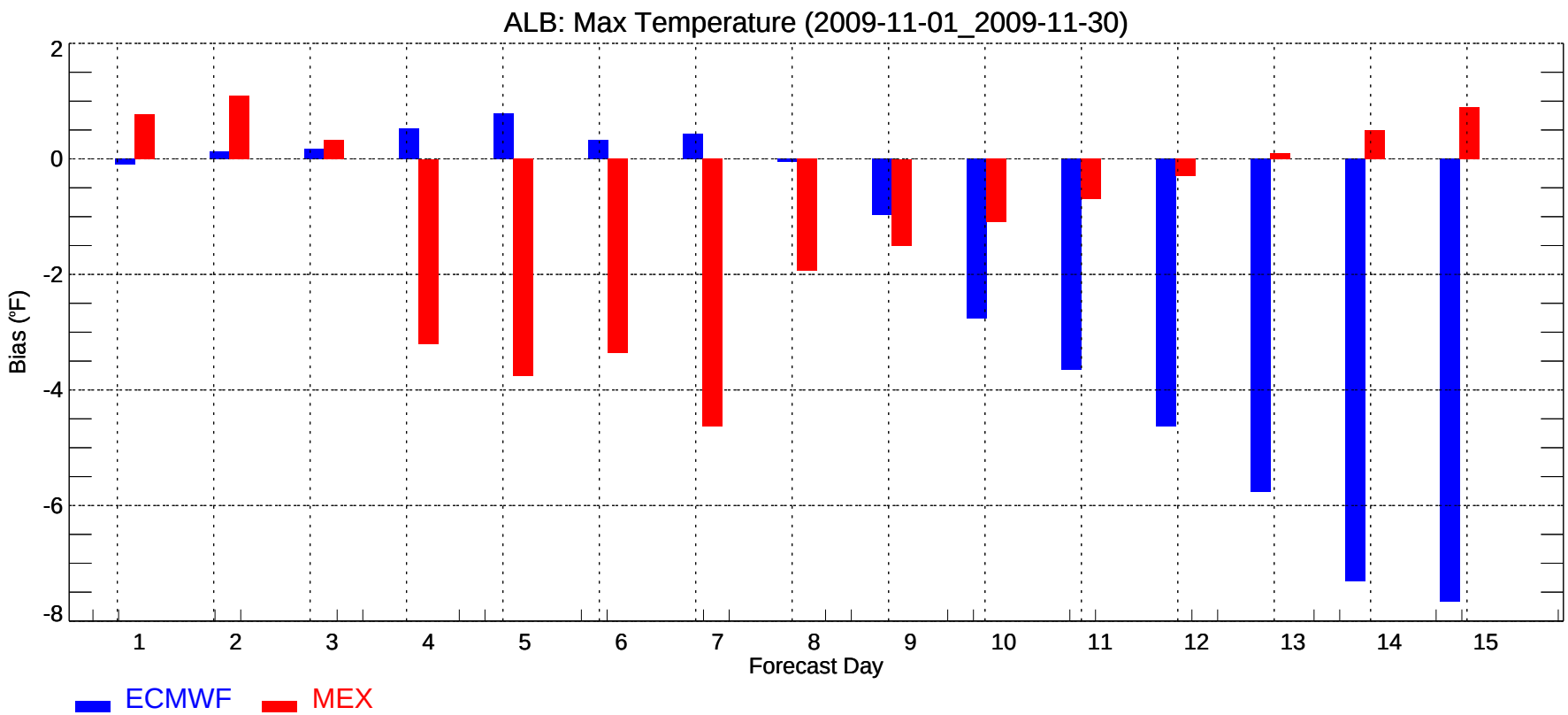

ACY: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

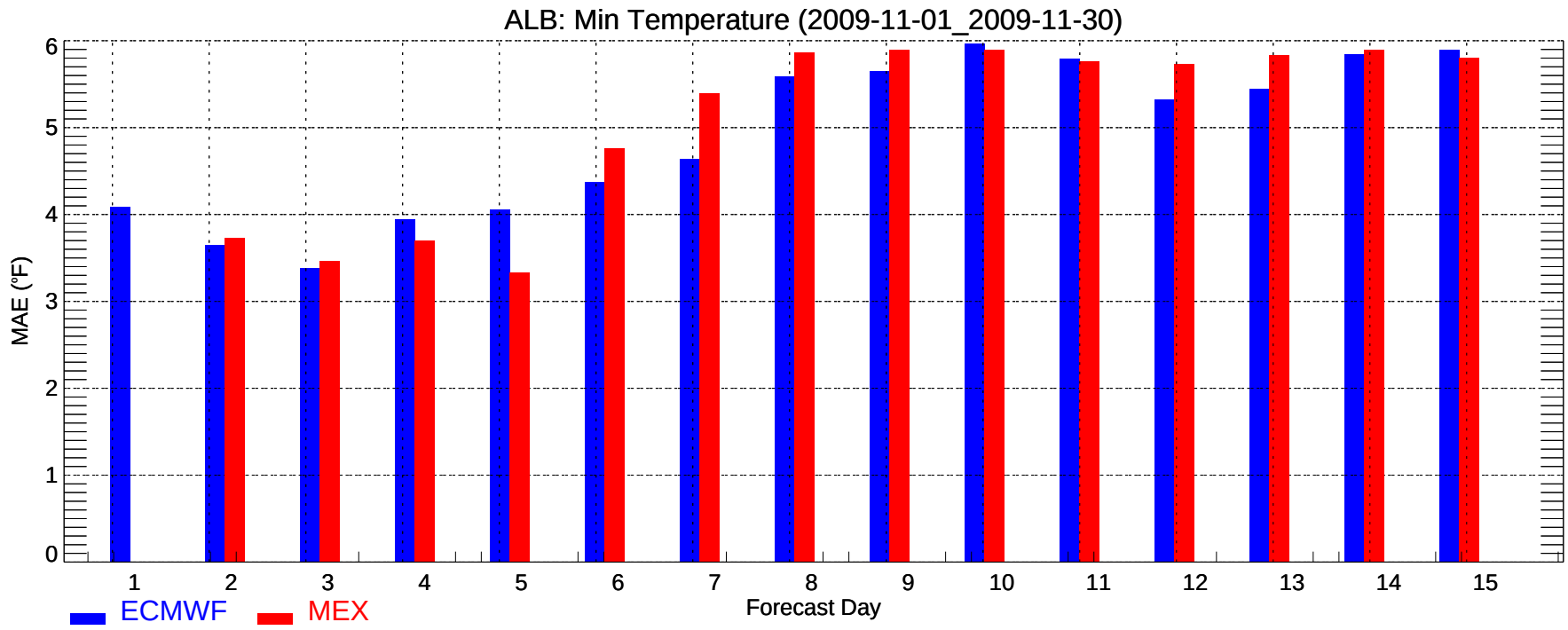

ACY: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

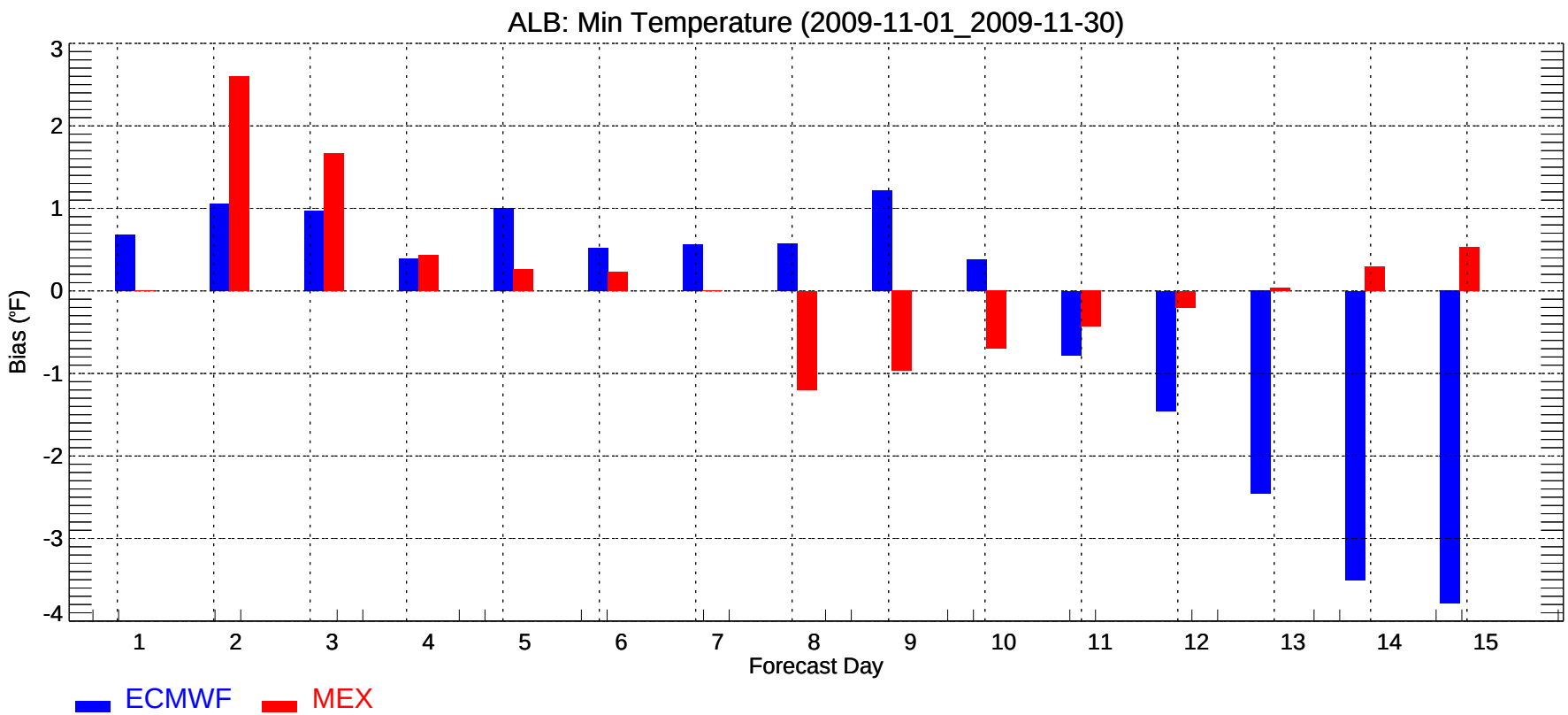

ACY: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

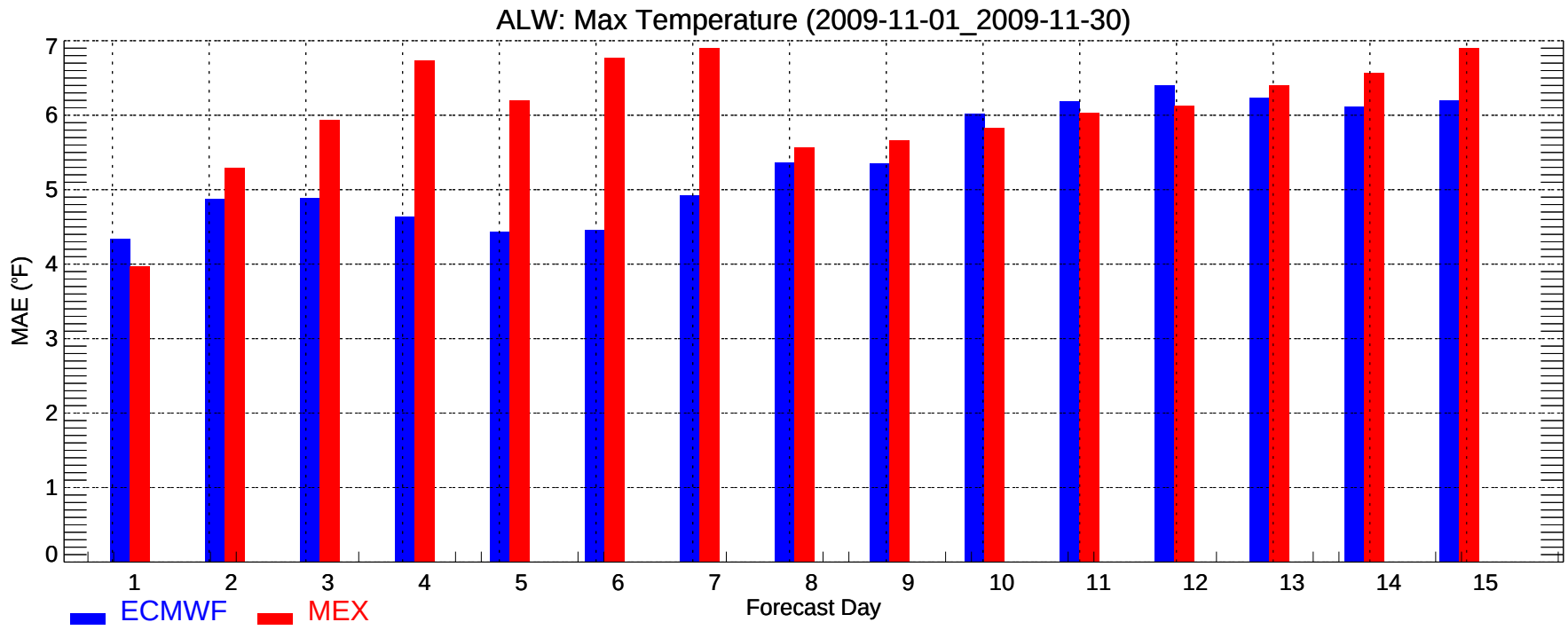

ACY: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

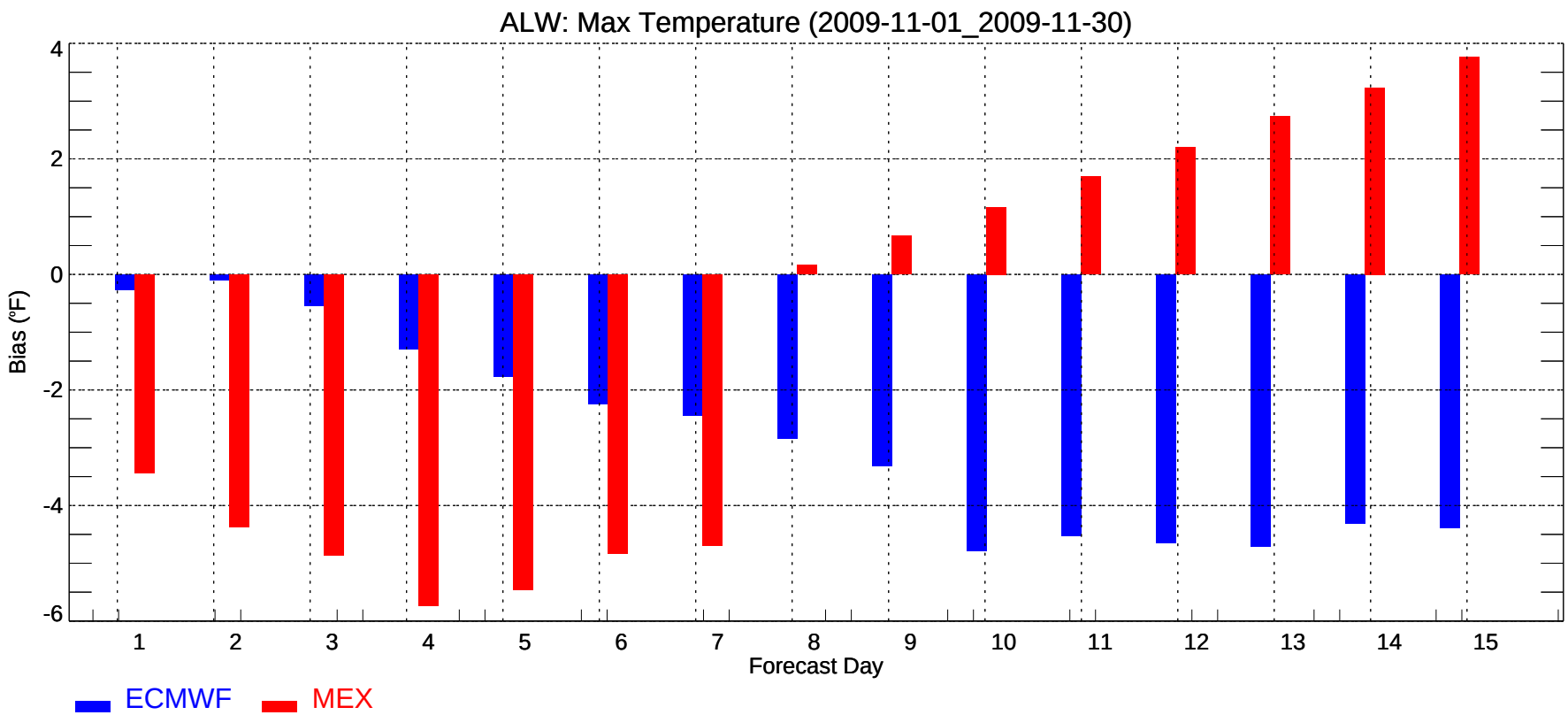

ALB: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

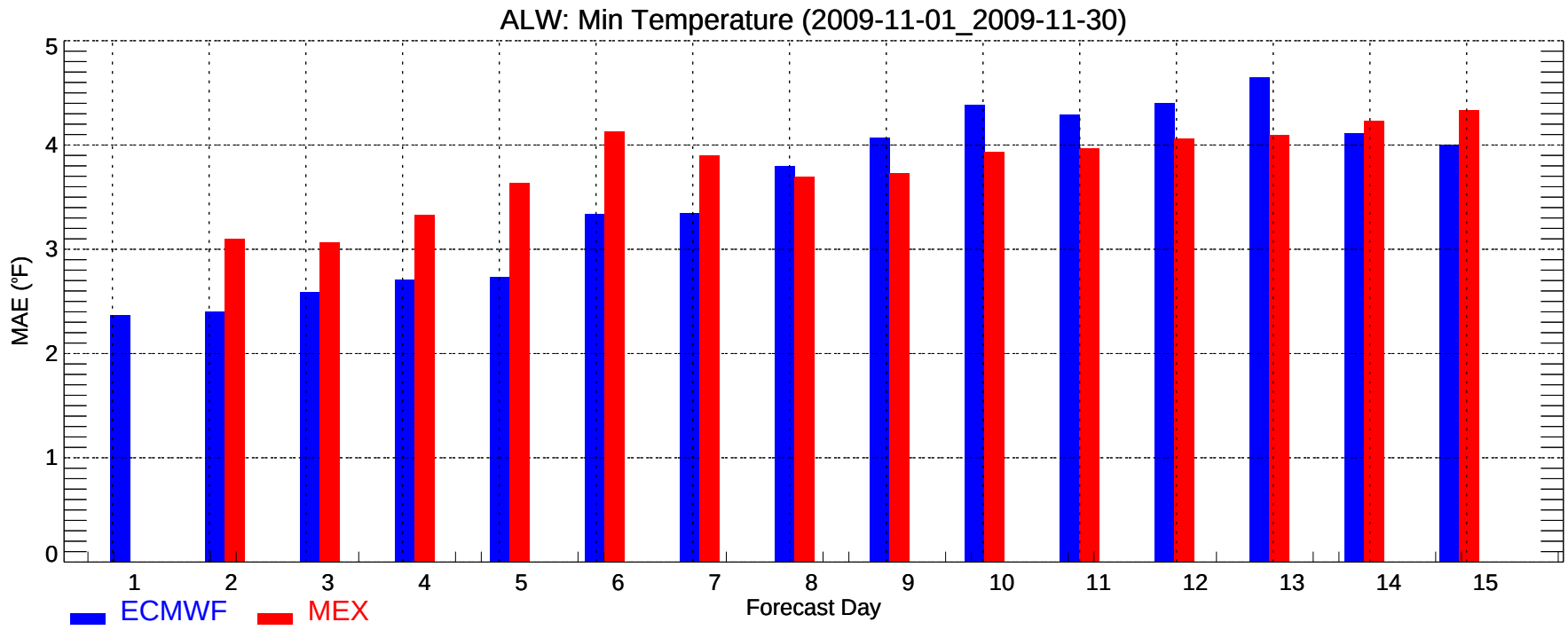

ALB: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

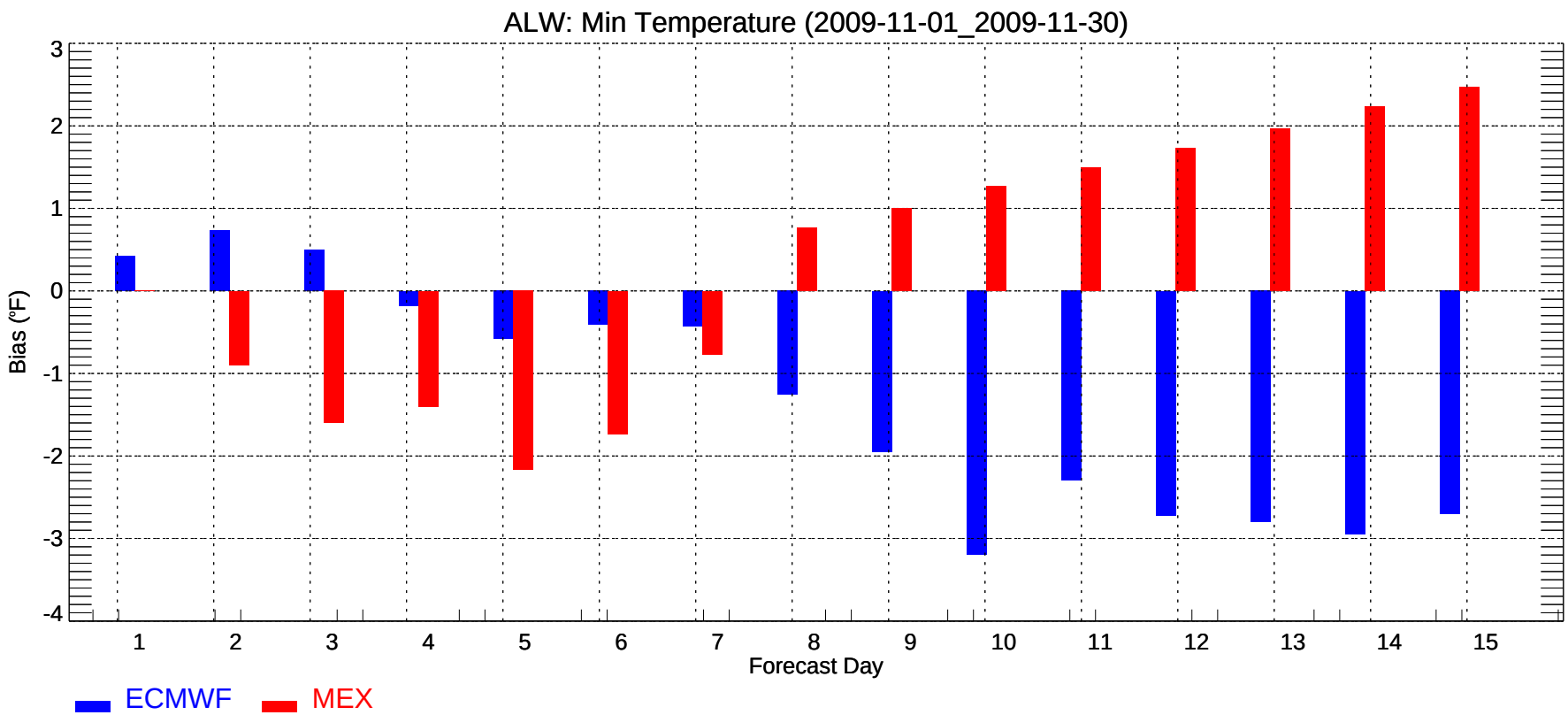

ALB: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

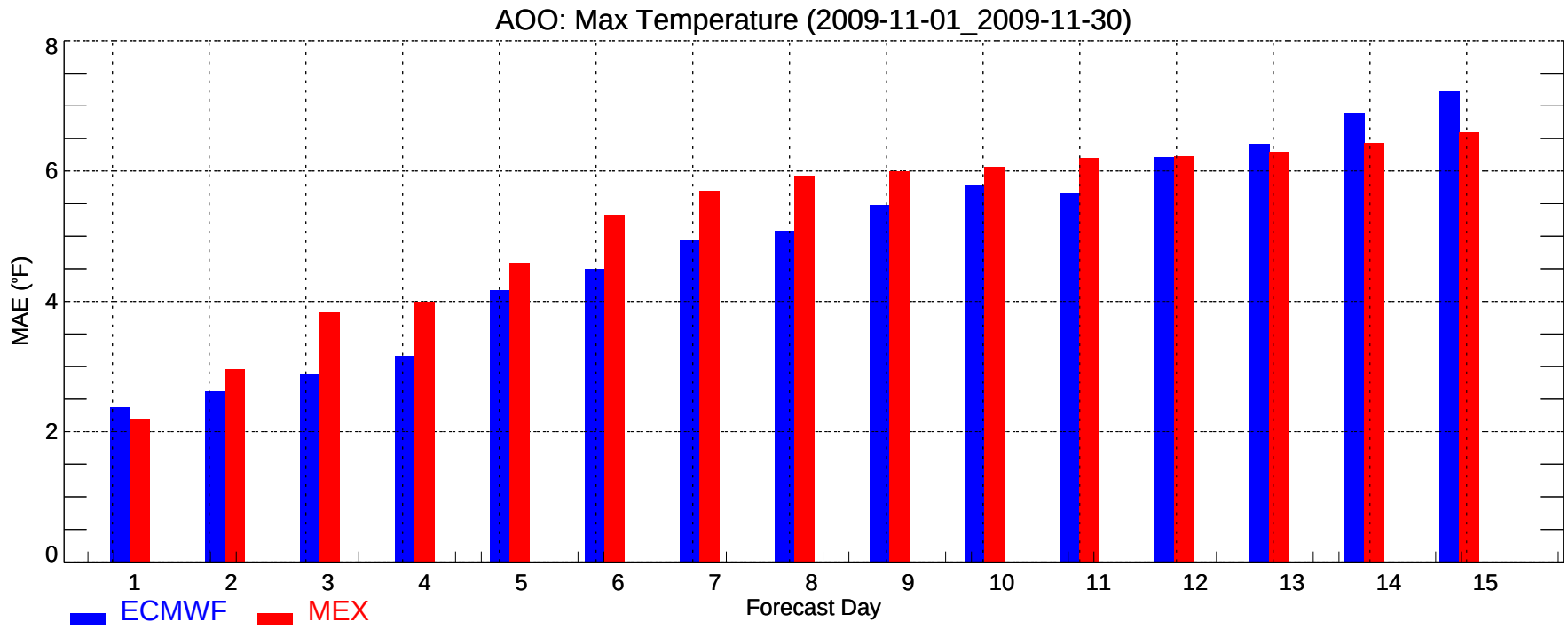

ALB: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

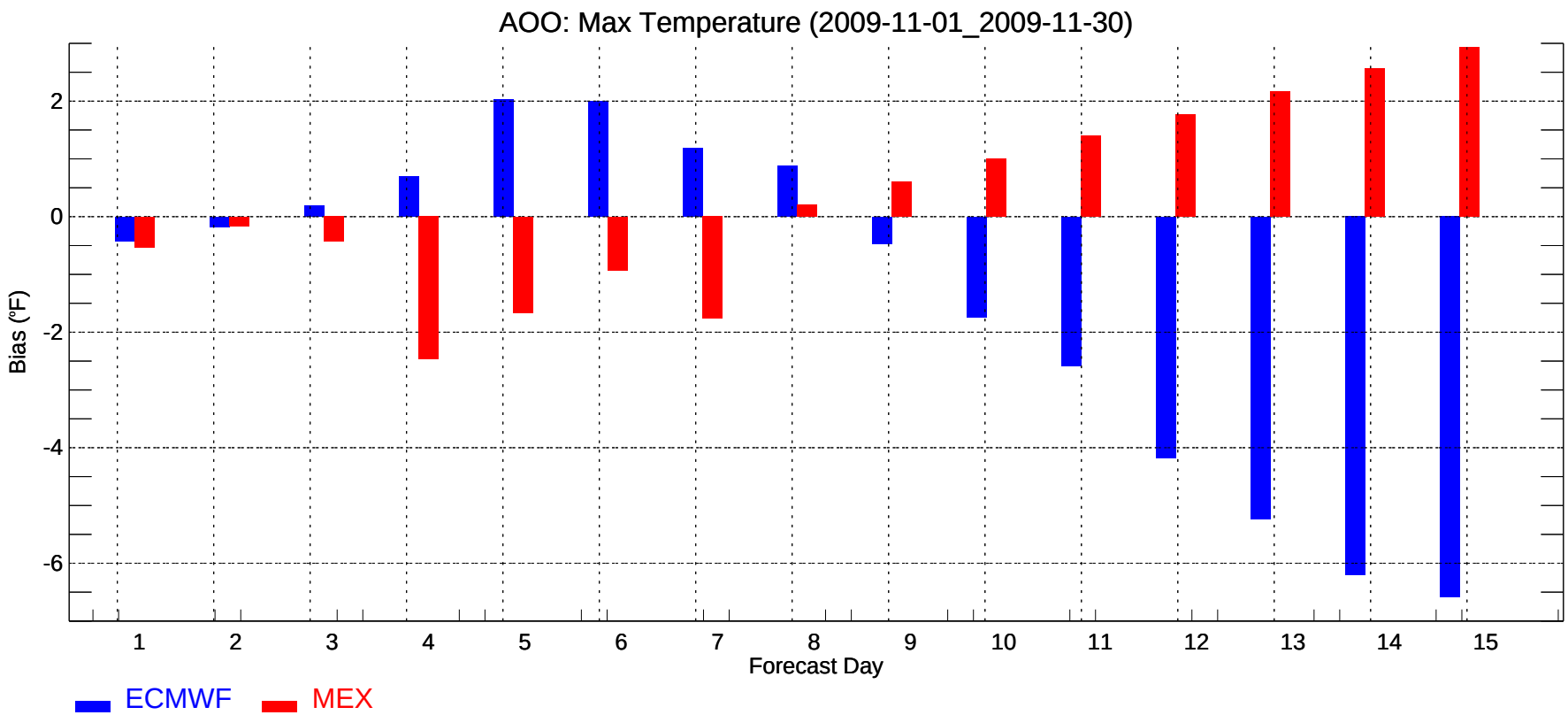

ALW: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

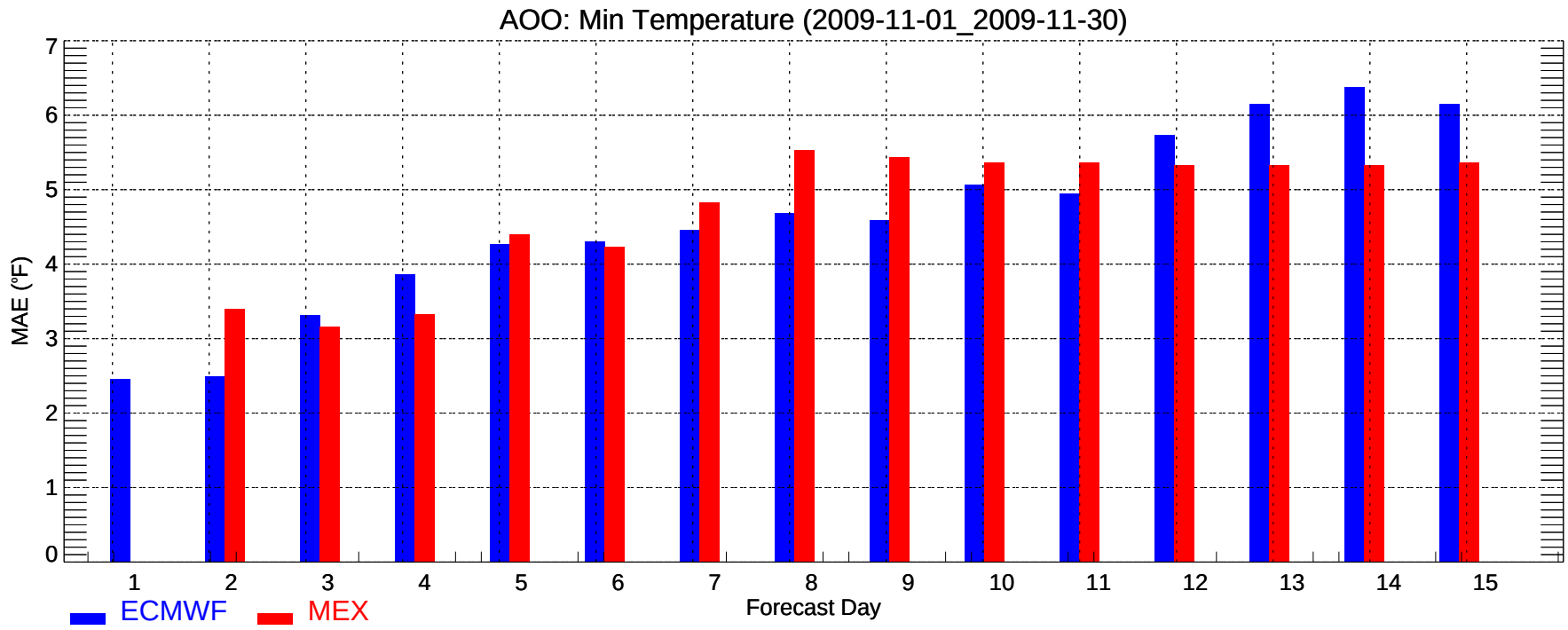

ALW: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

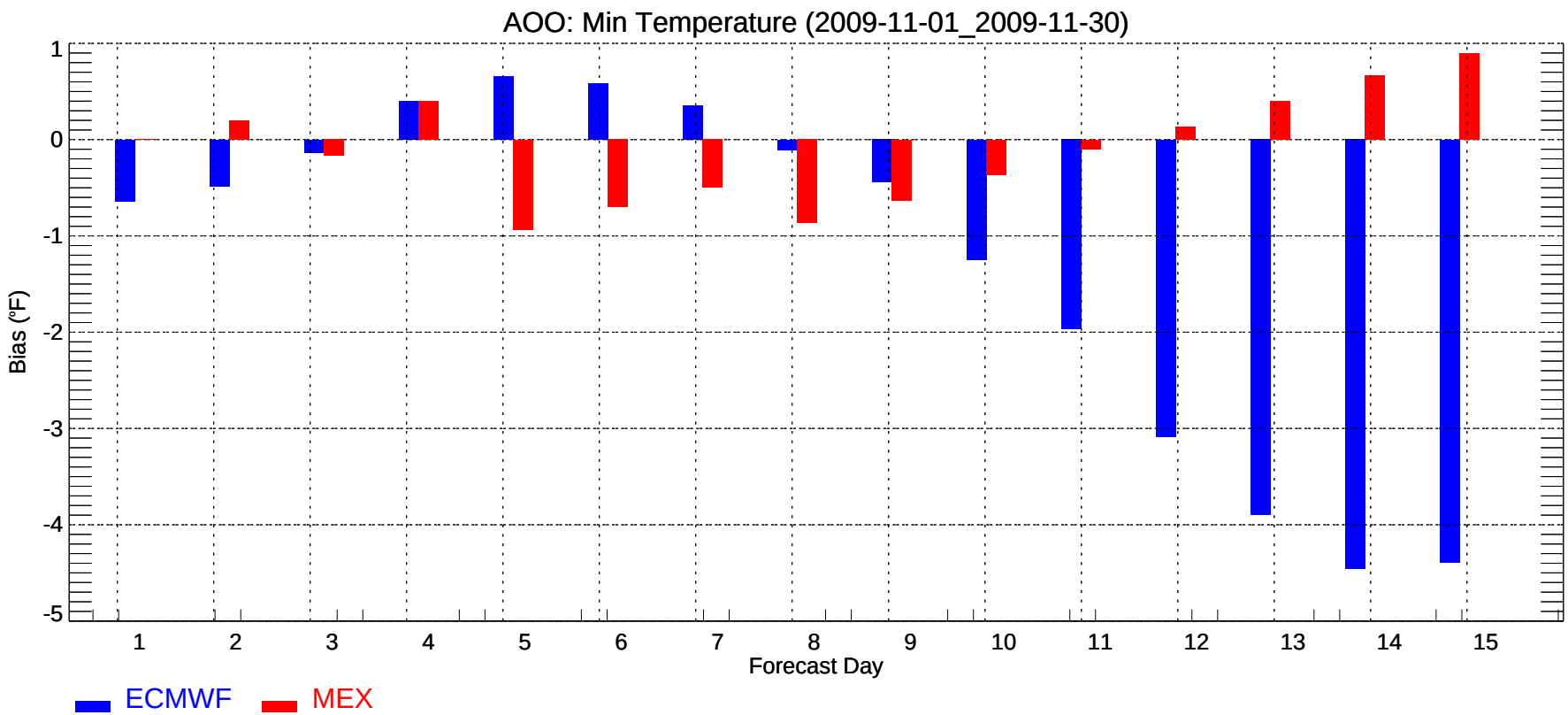

ALW: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

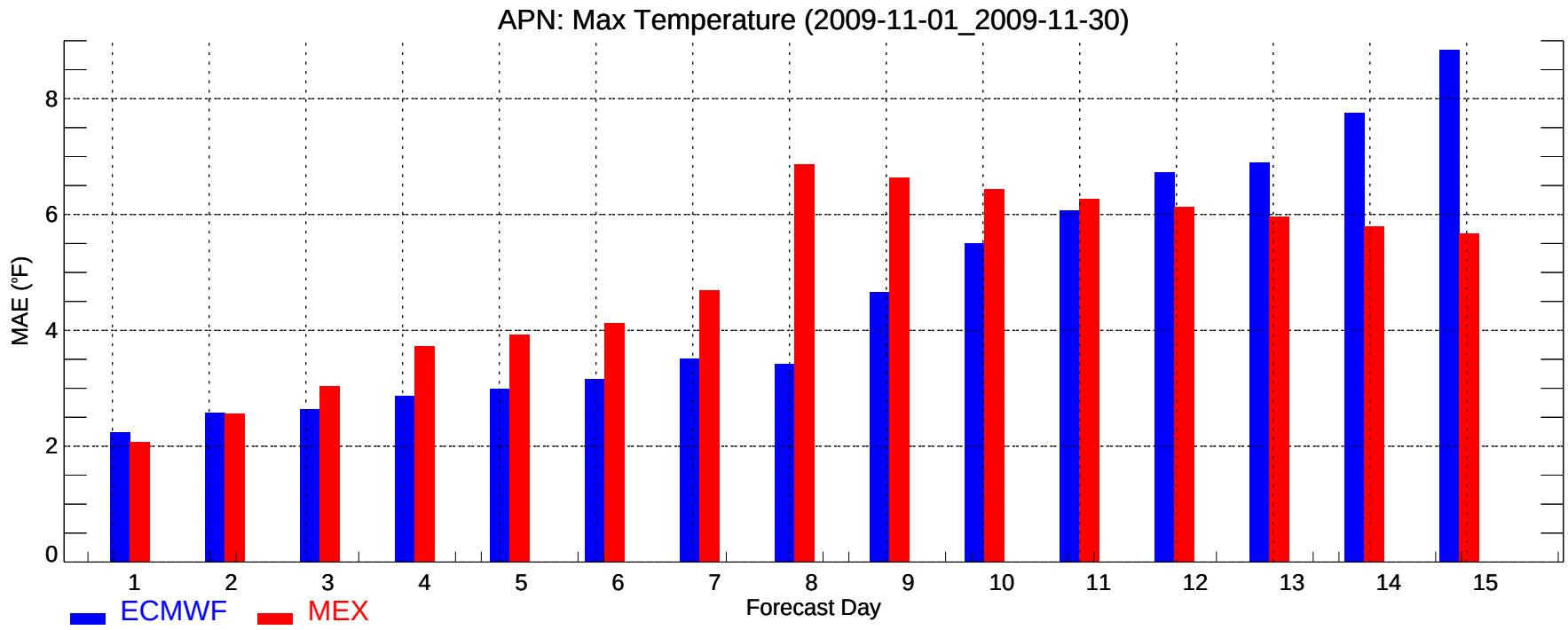

ALW: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

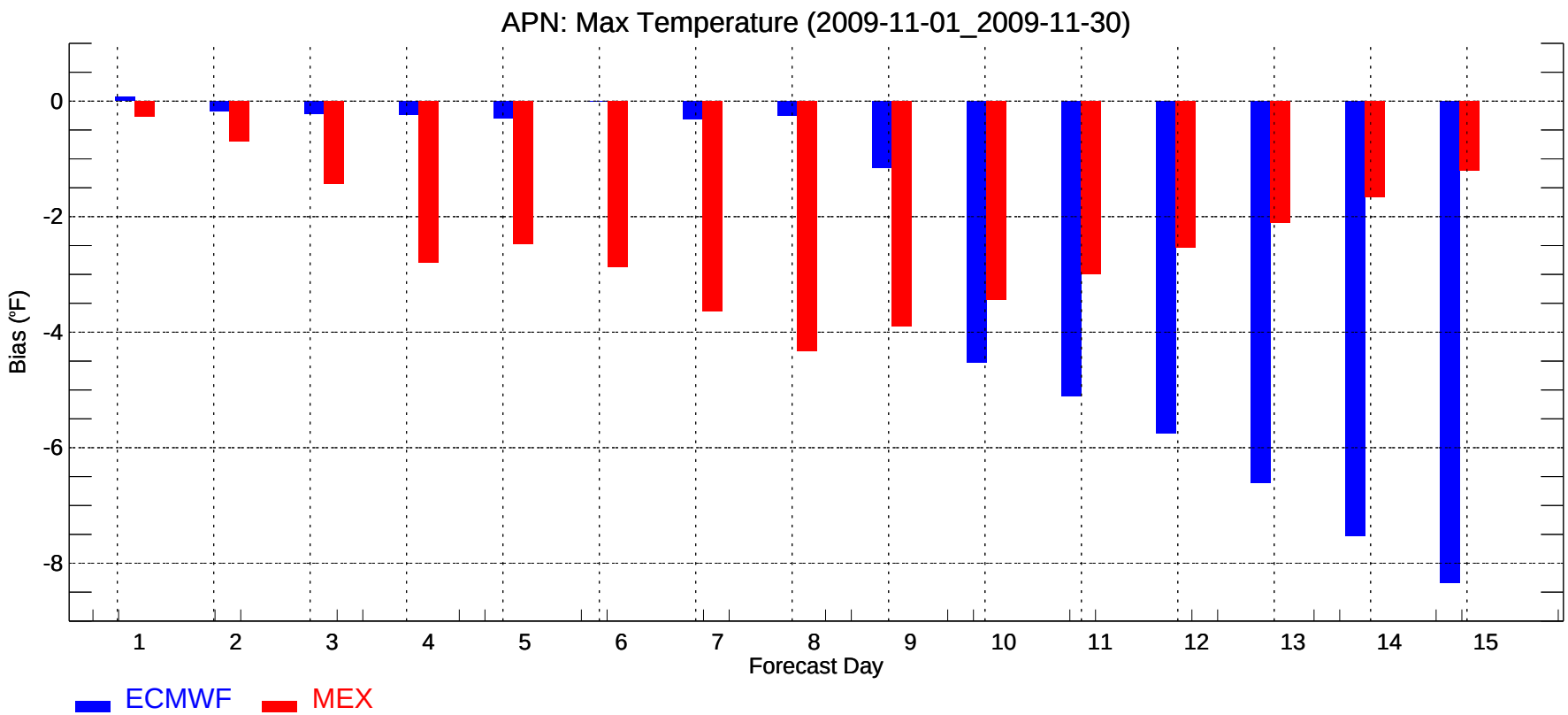

AOO: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

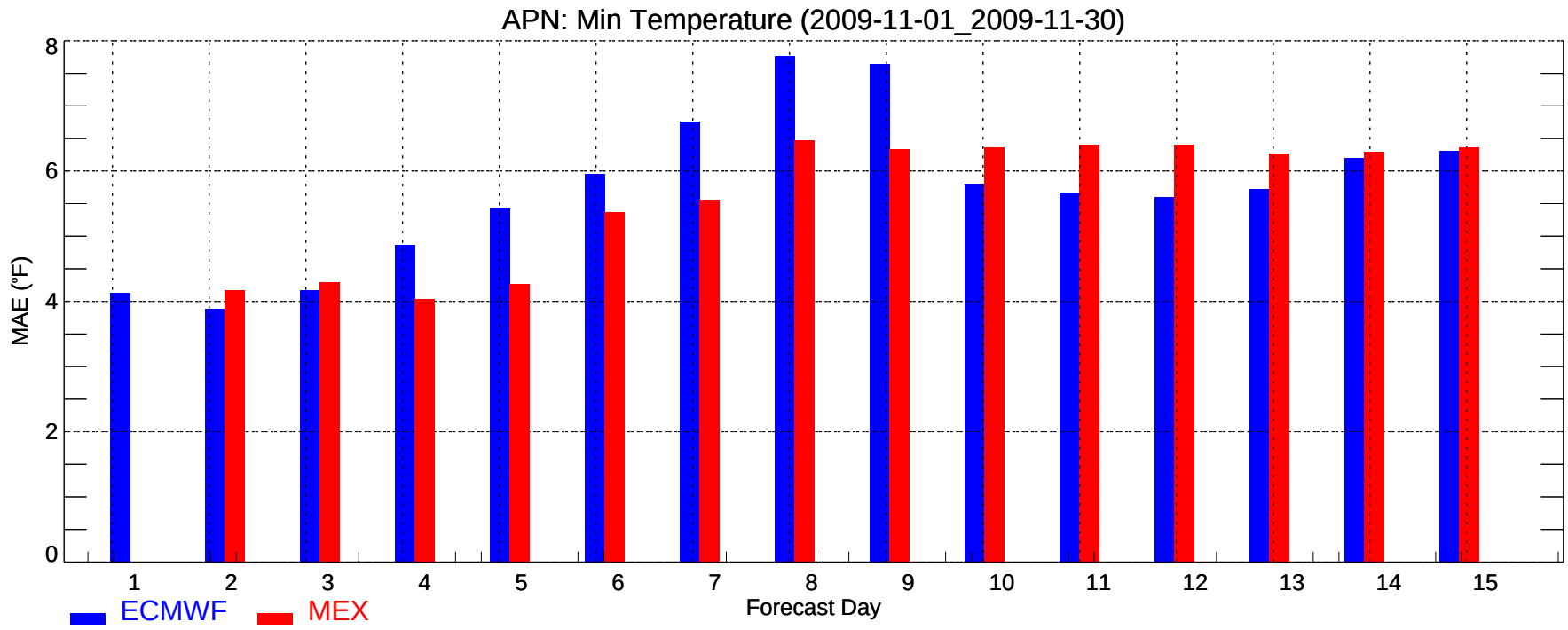

AOO: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

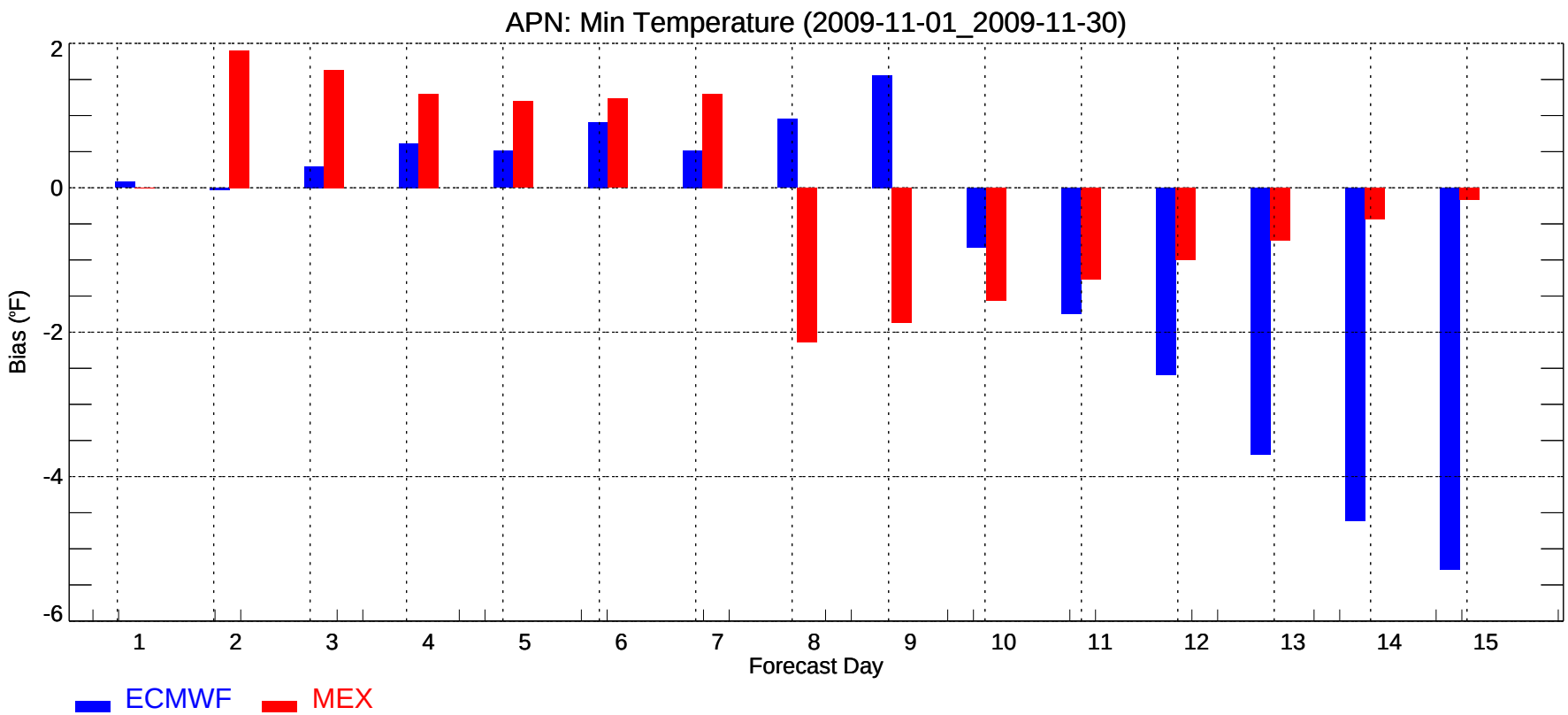

AOO: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

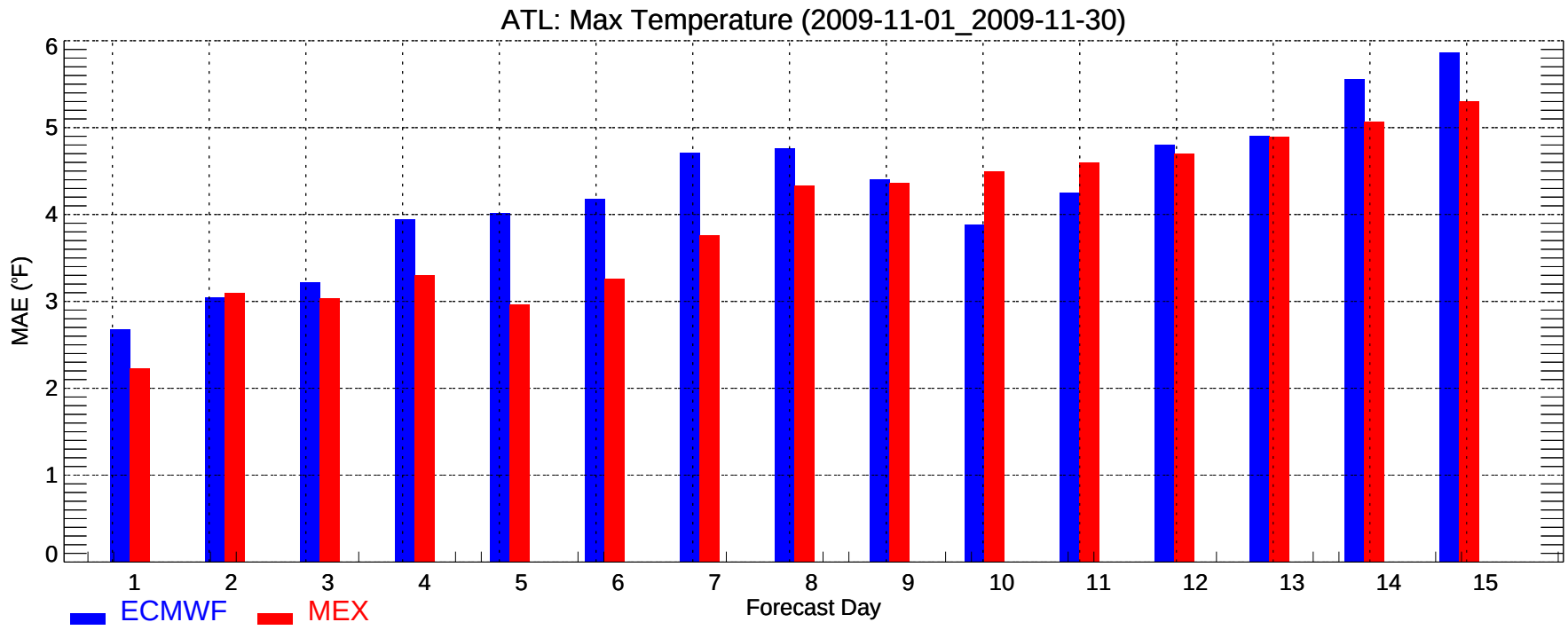

AOO: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

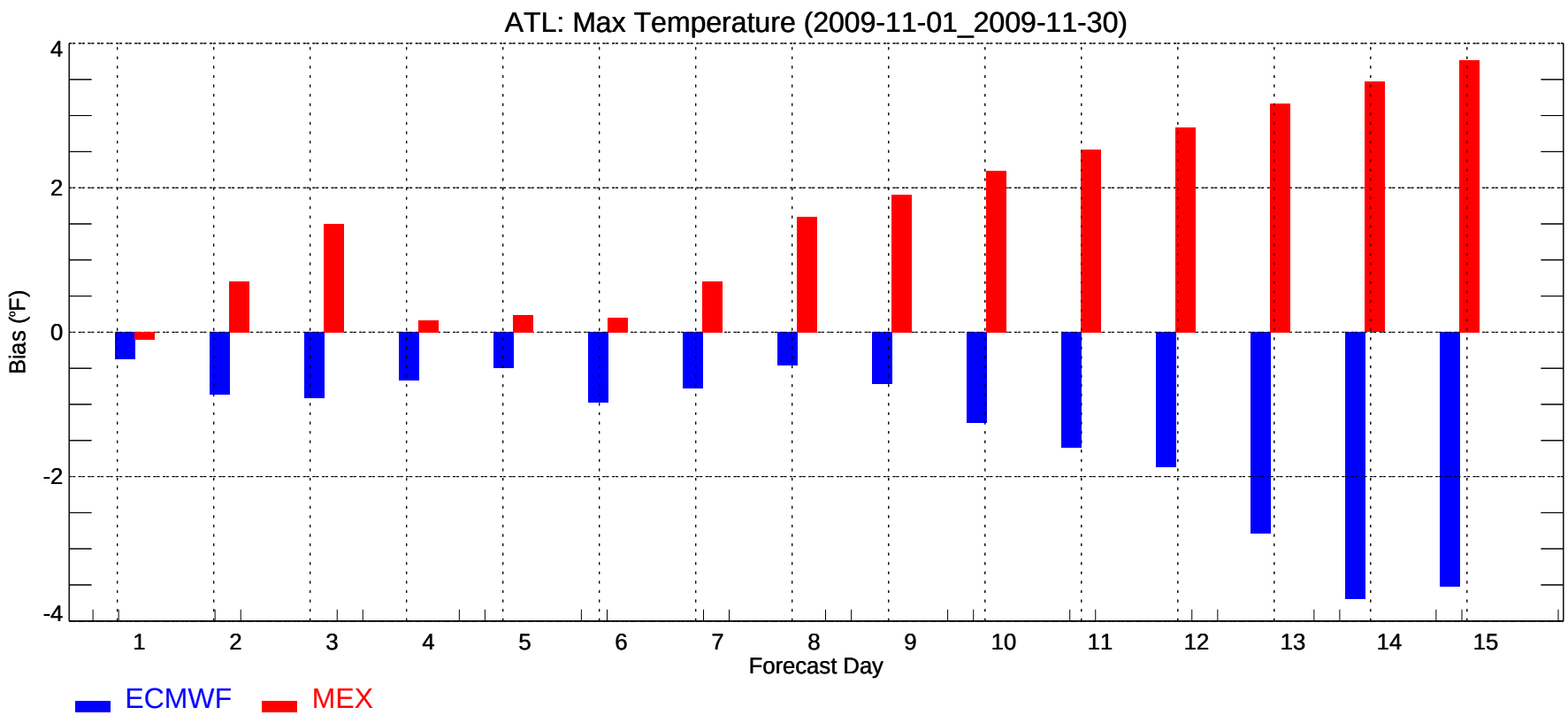

APN: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


APN: Max Temperature (2009-11-01_2009-11-30)
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: Min Temperature (2009-11-01_2009-11-30)
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


APN: Min Temperature (2009-11-01_2009-11-30)
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


ATL: Max Temperature (2009-11-01_2009-11-30)
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


ATL: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
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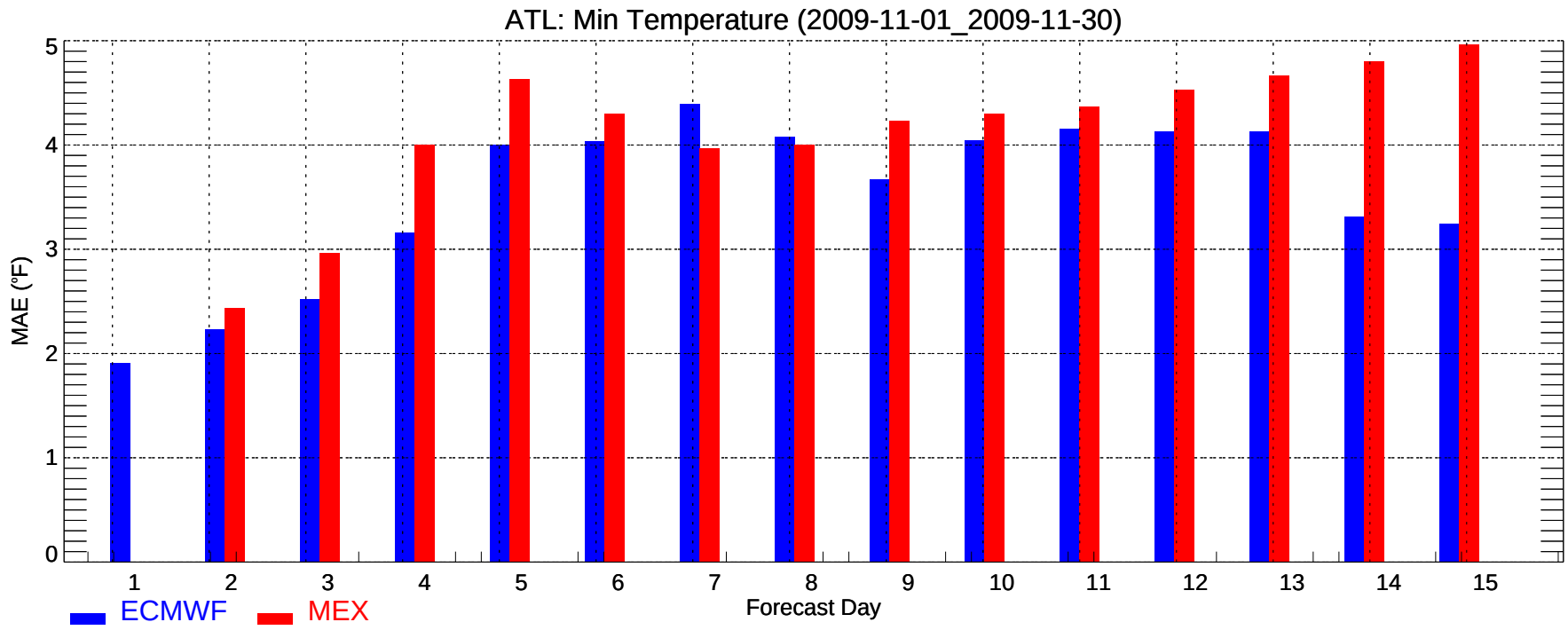
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ATL: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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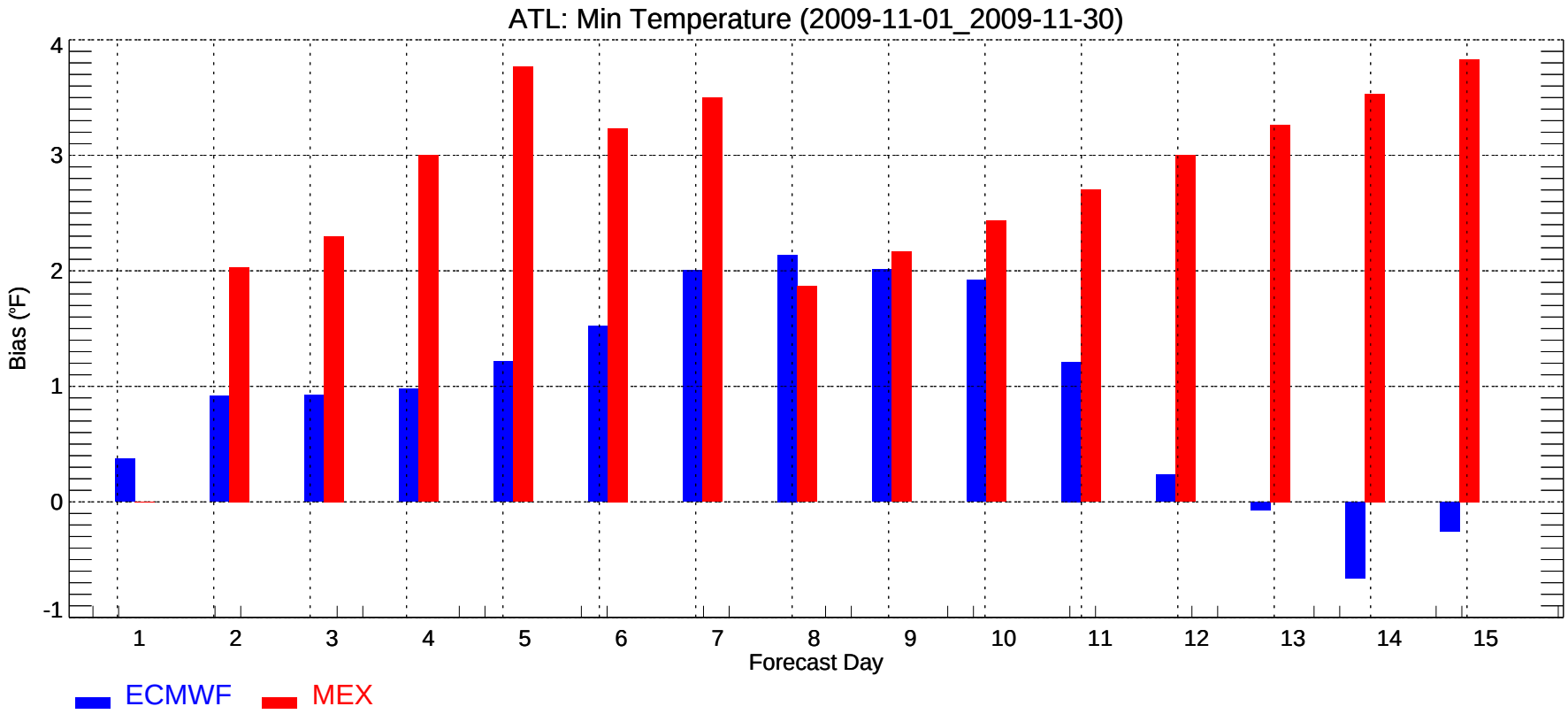
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ATL: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
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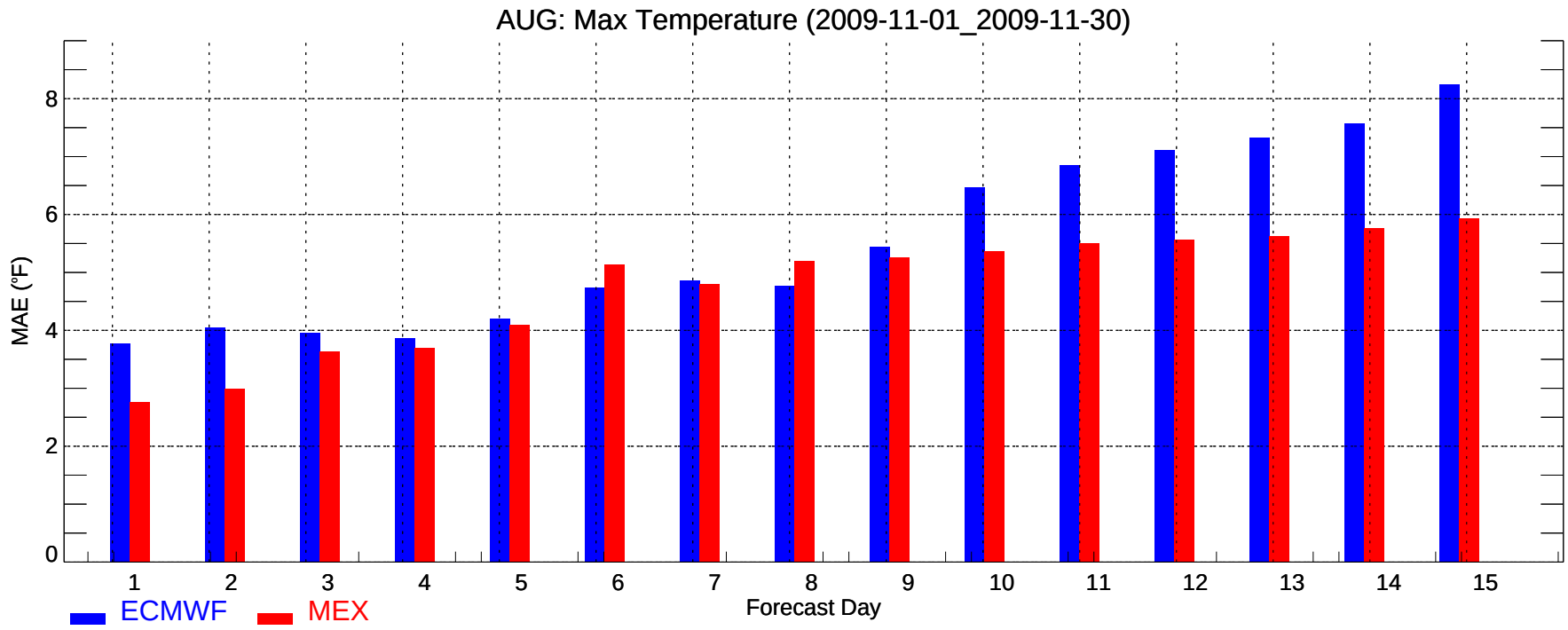
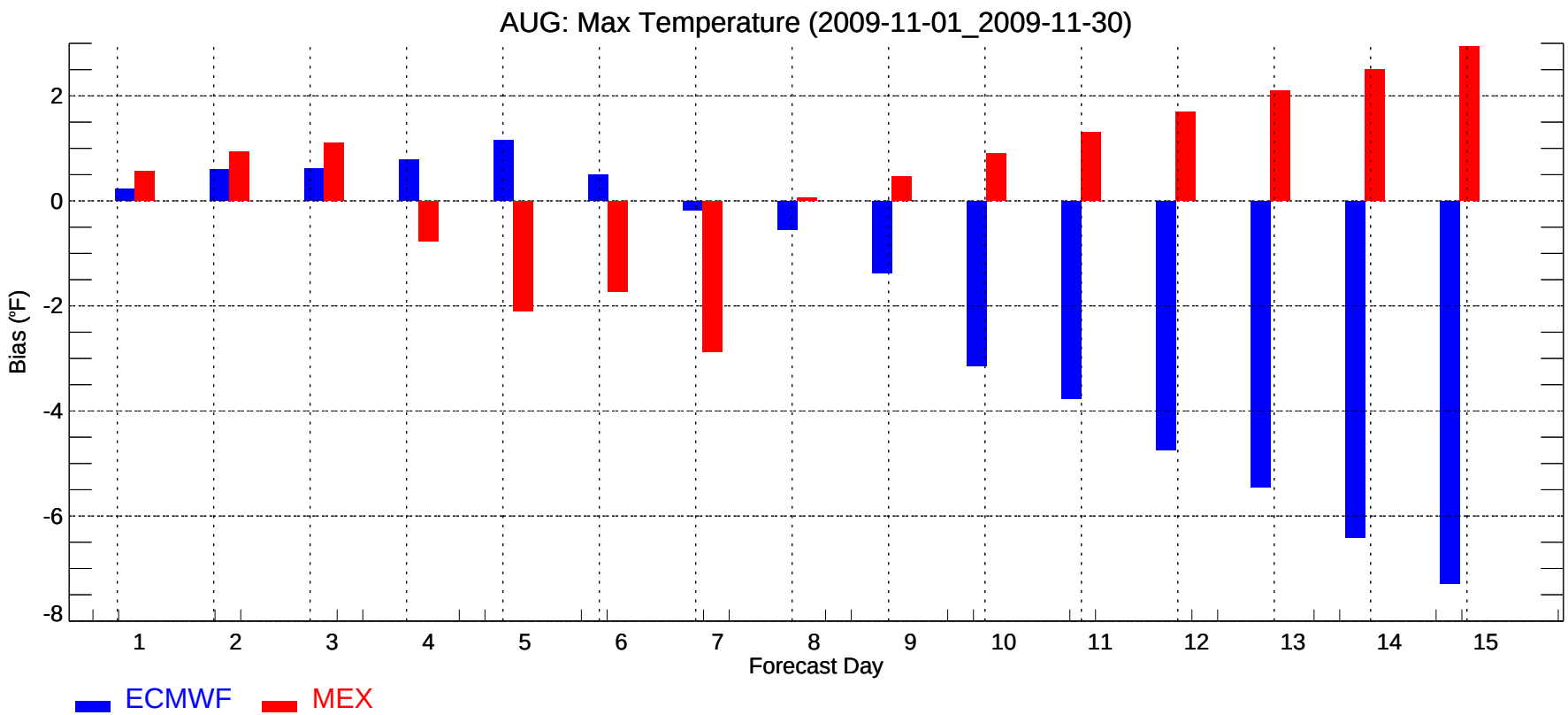
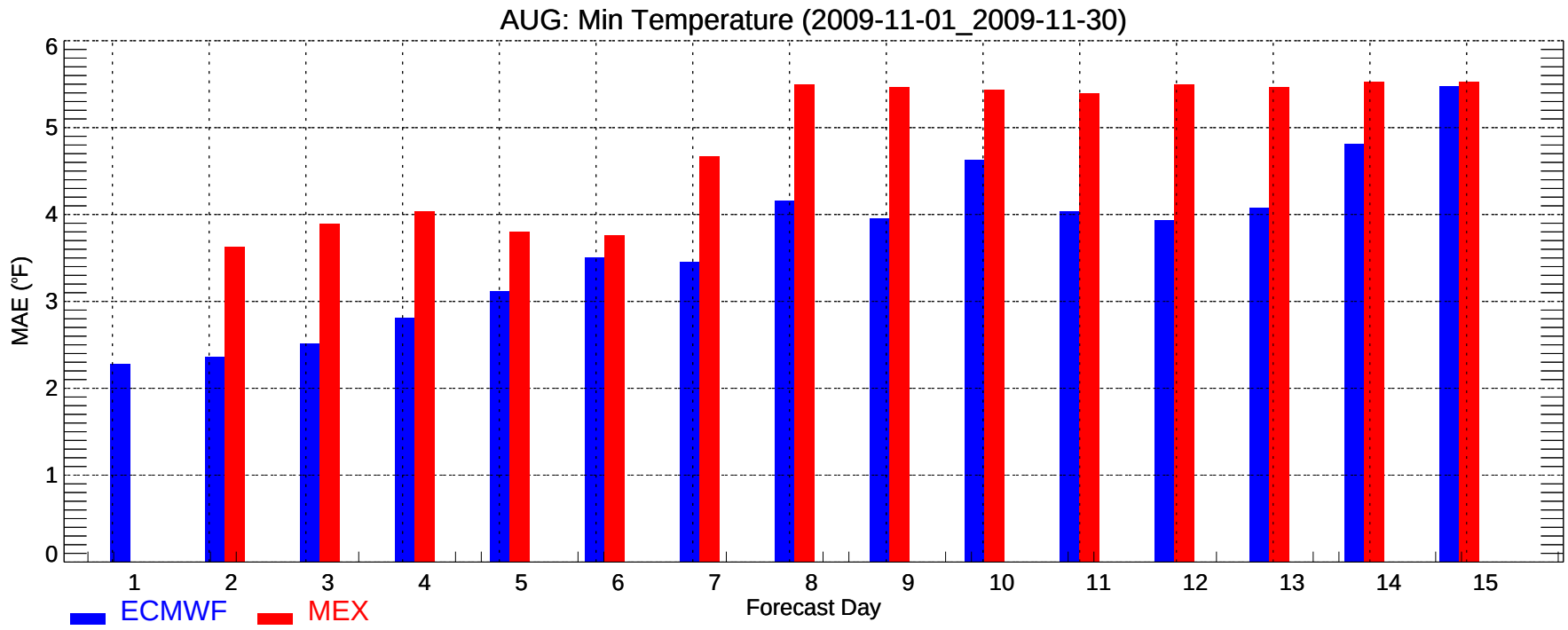
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AUG: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AUG: Max Temperature (2009-11-01_2009-11-30)
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


AUG: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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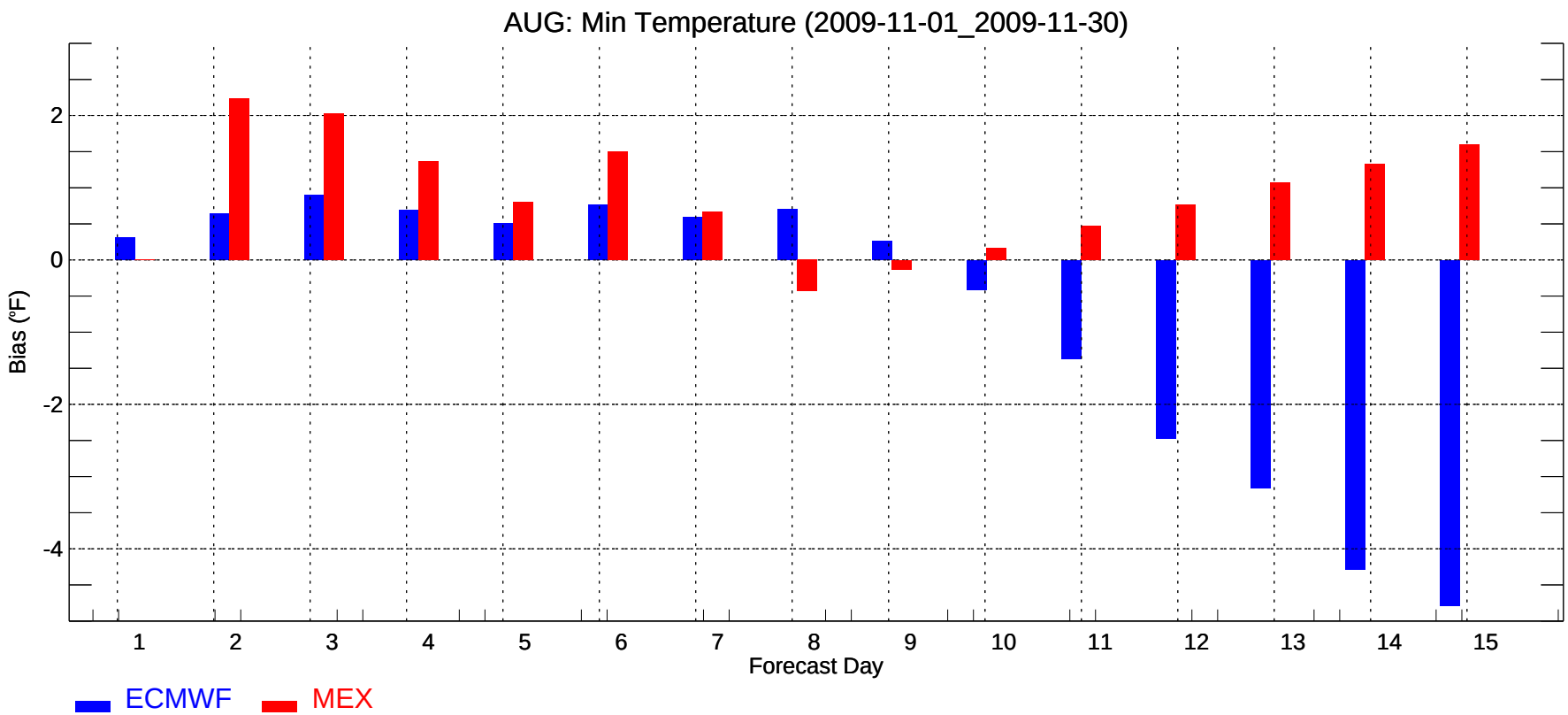
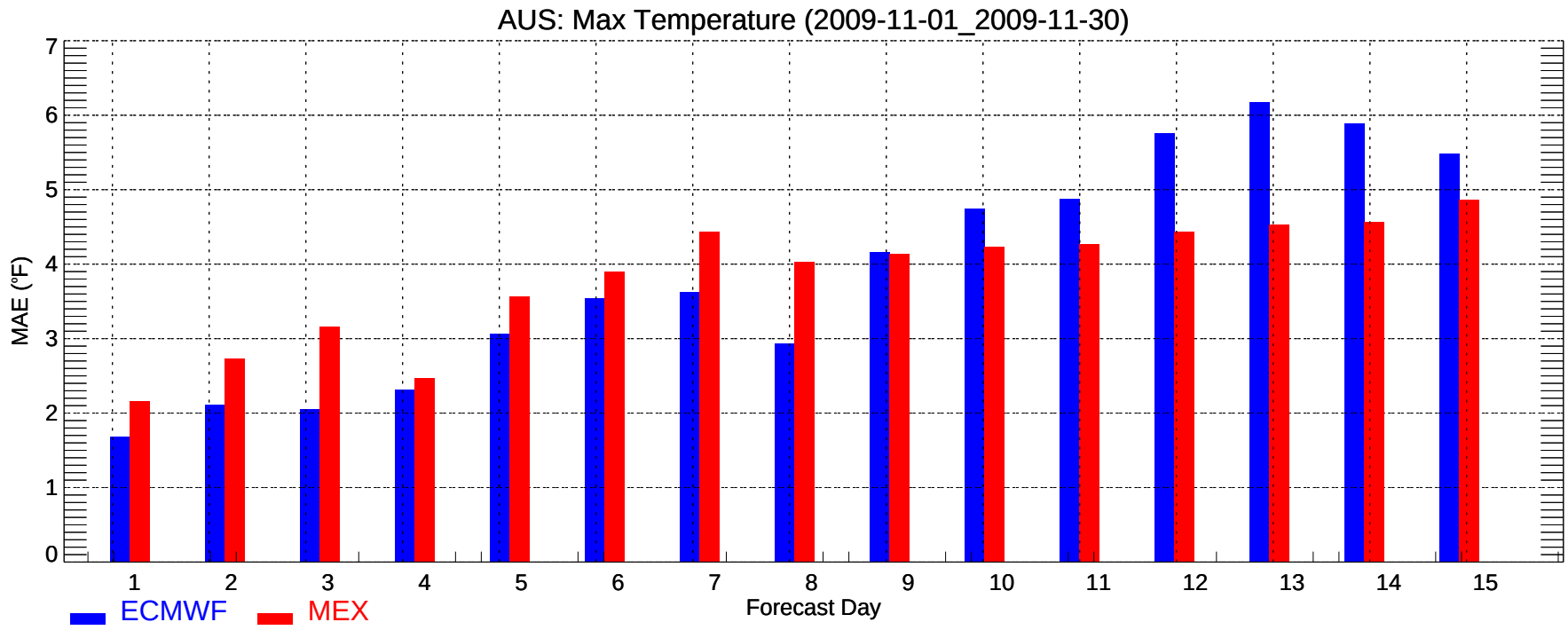
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AUG: Min Temperature (2009-11-01_2009-11-30)
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


AUS: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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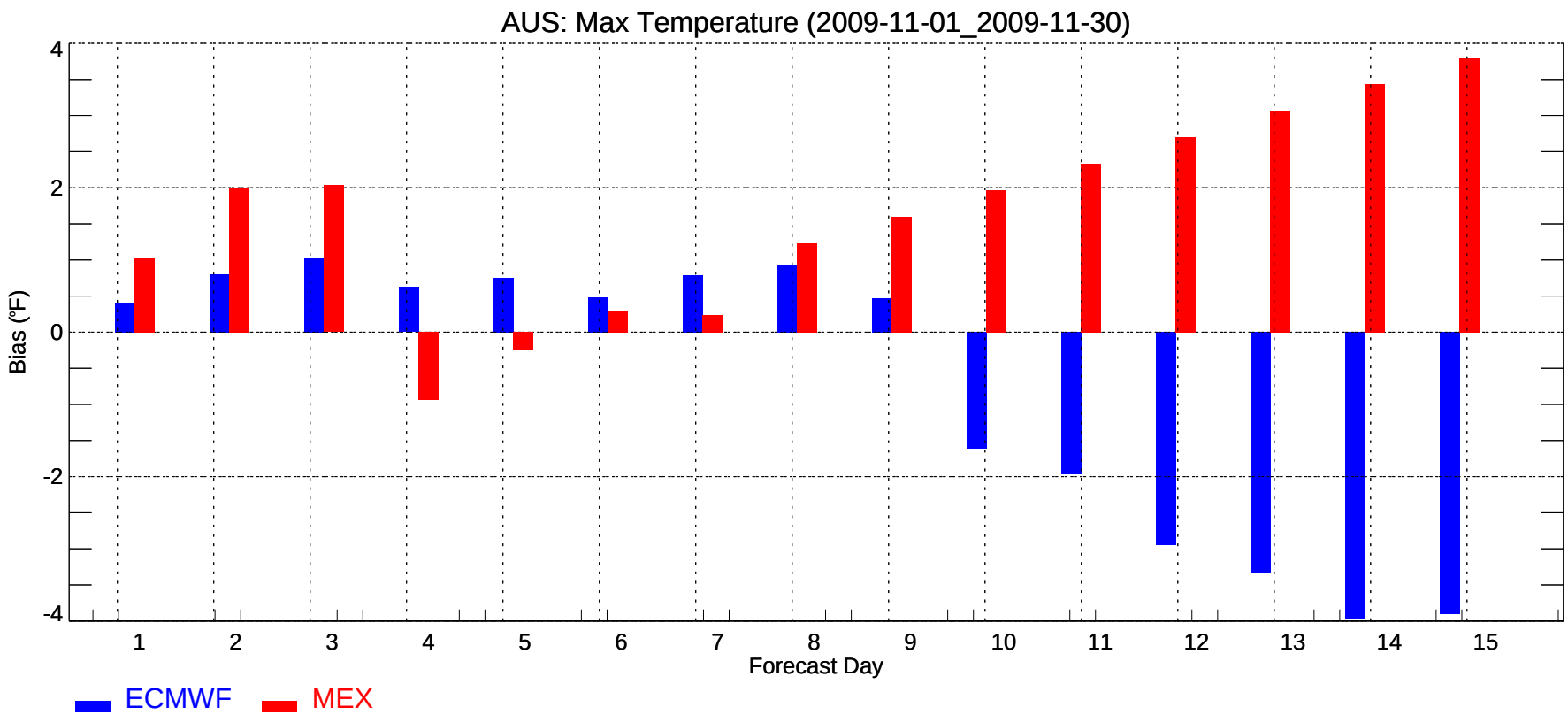
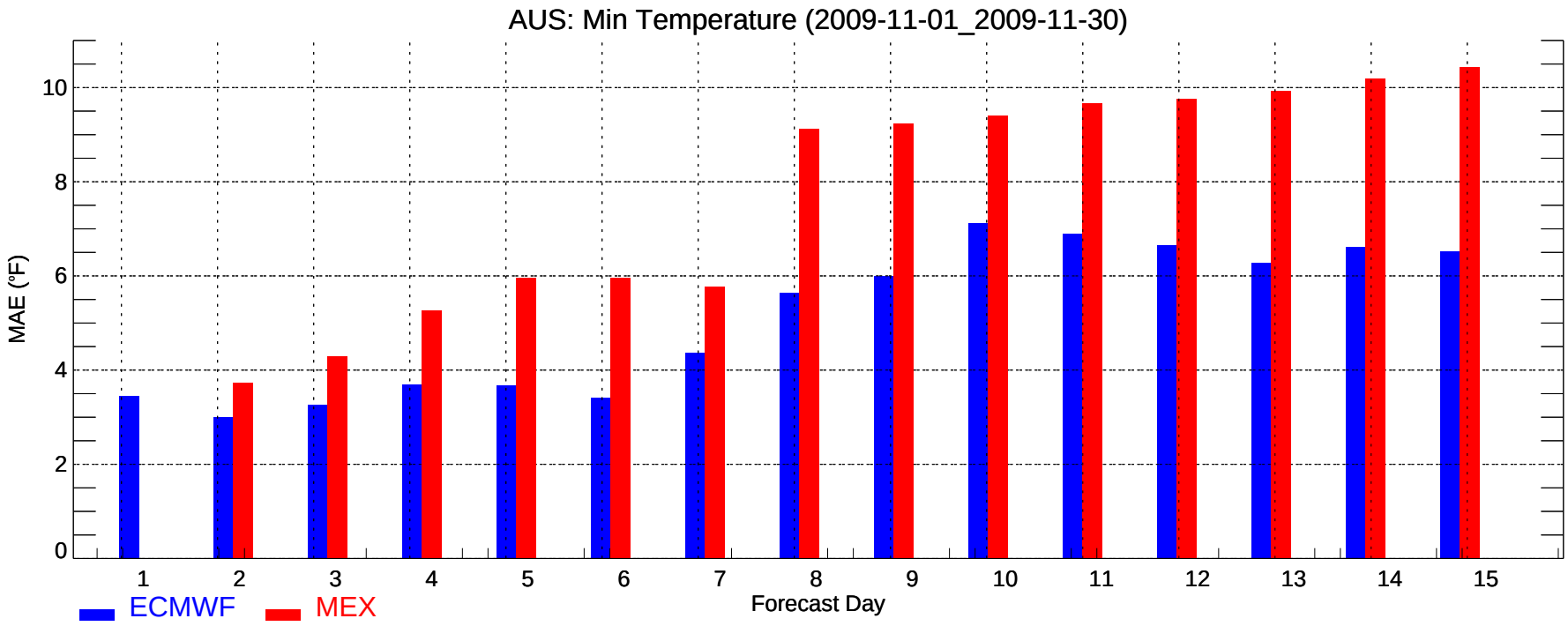
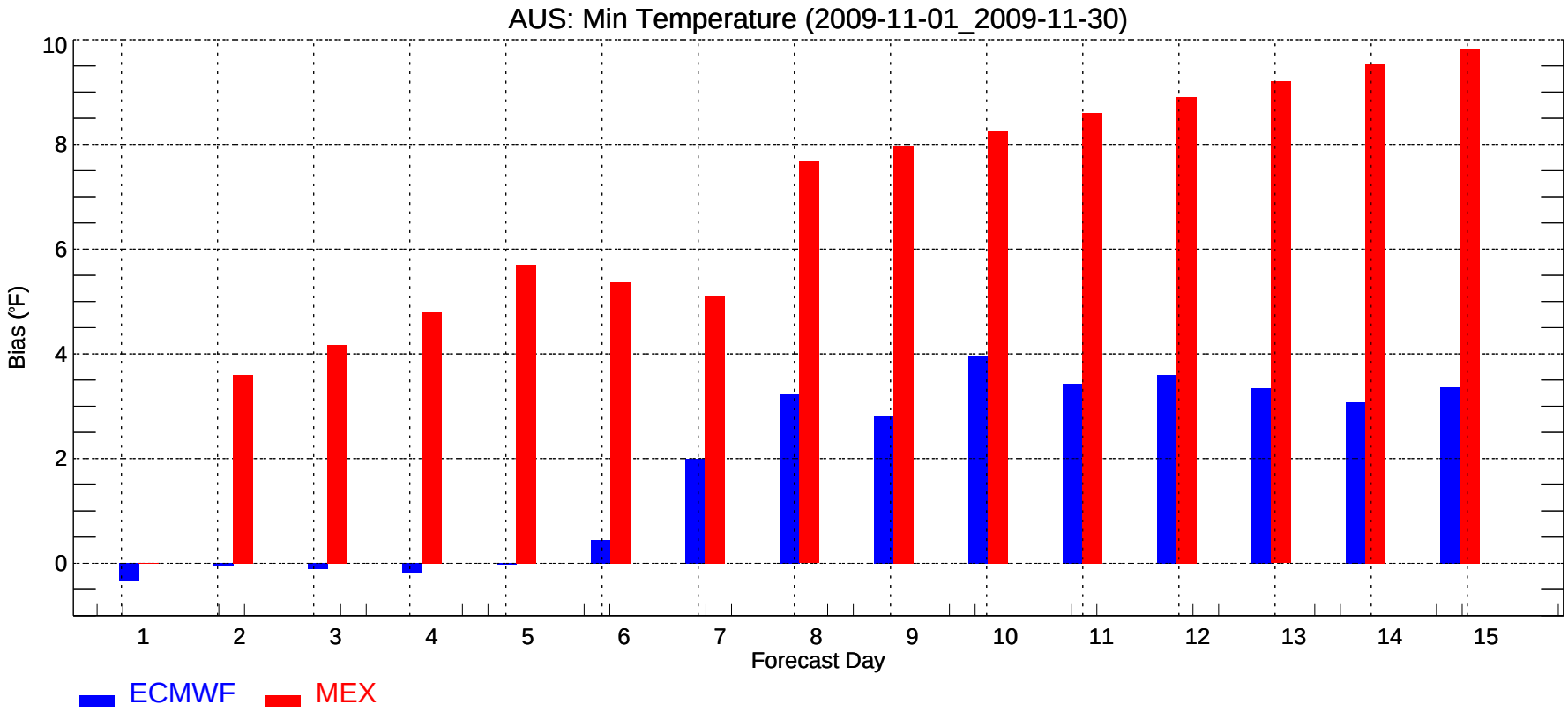
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AUS: Max Temperature (2009-11-01_2009-11-30)
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


AUS: Min Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
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6
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8
9
10
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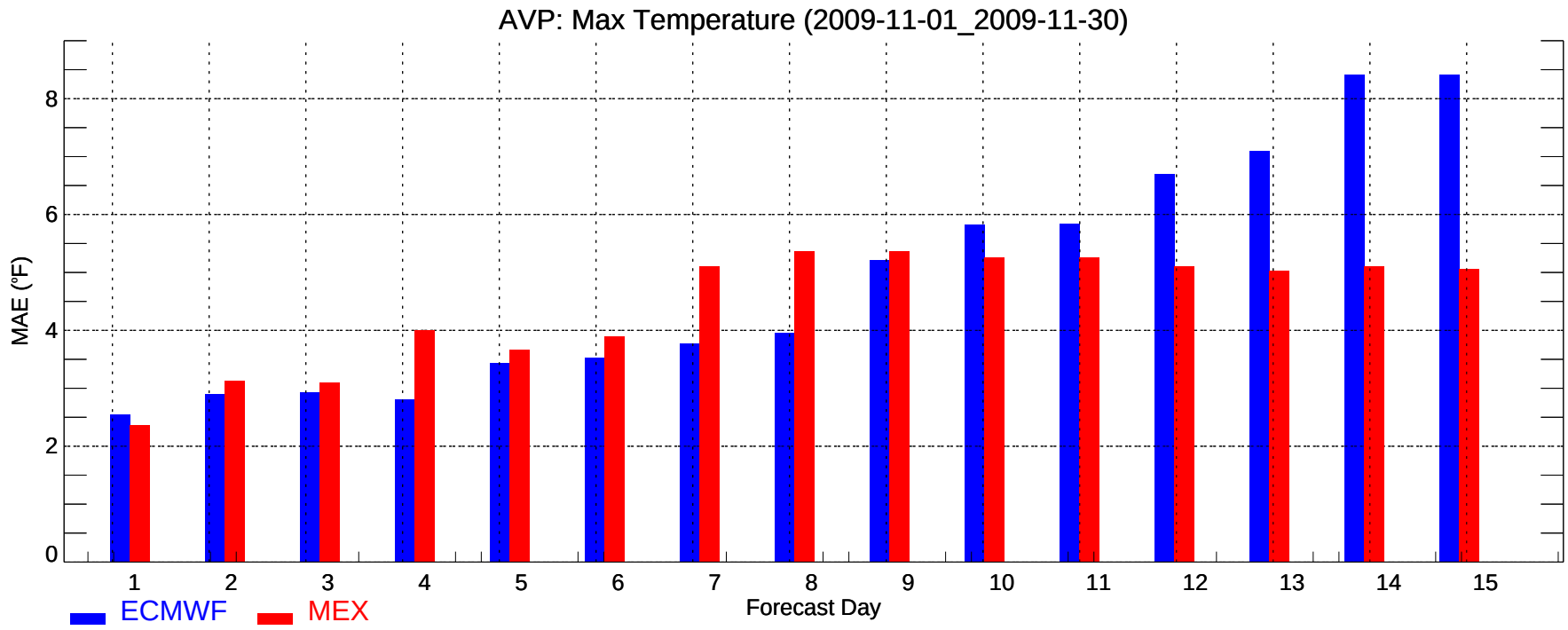
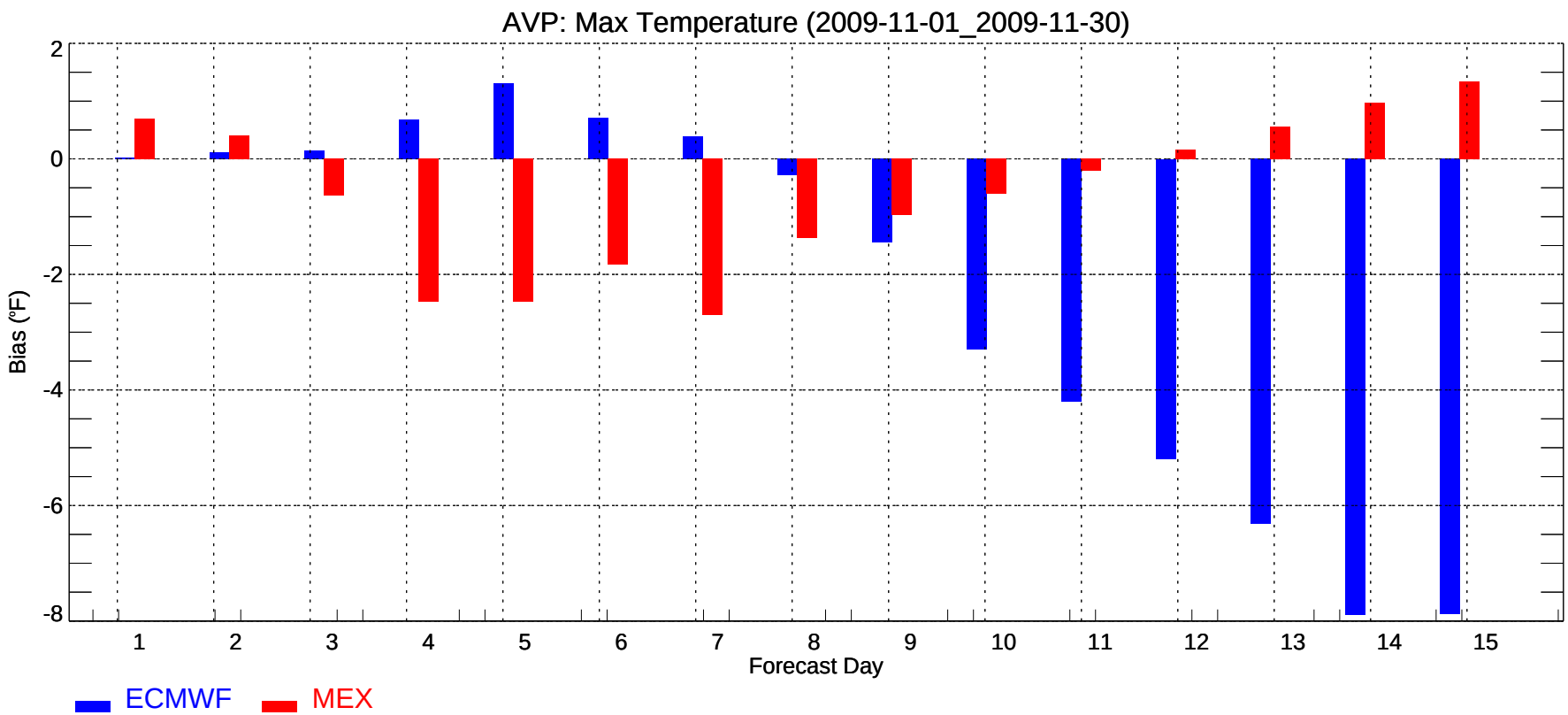
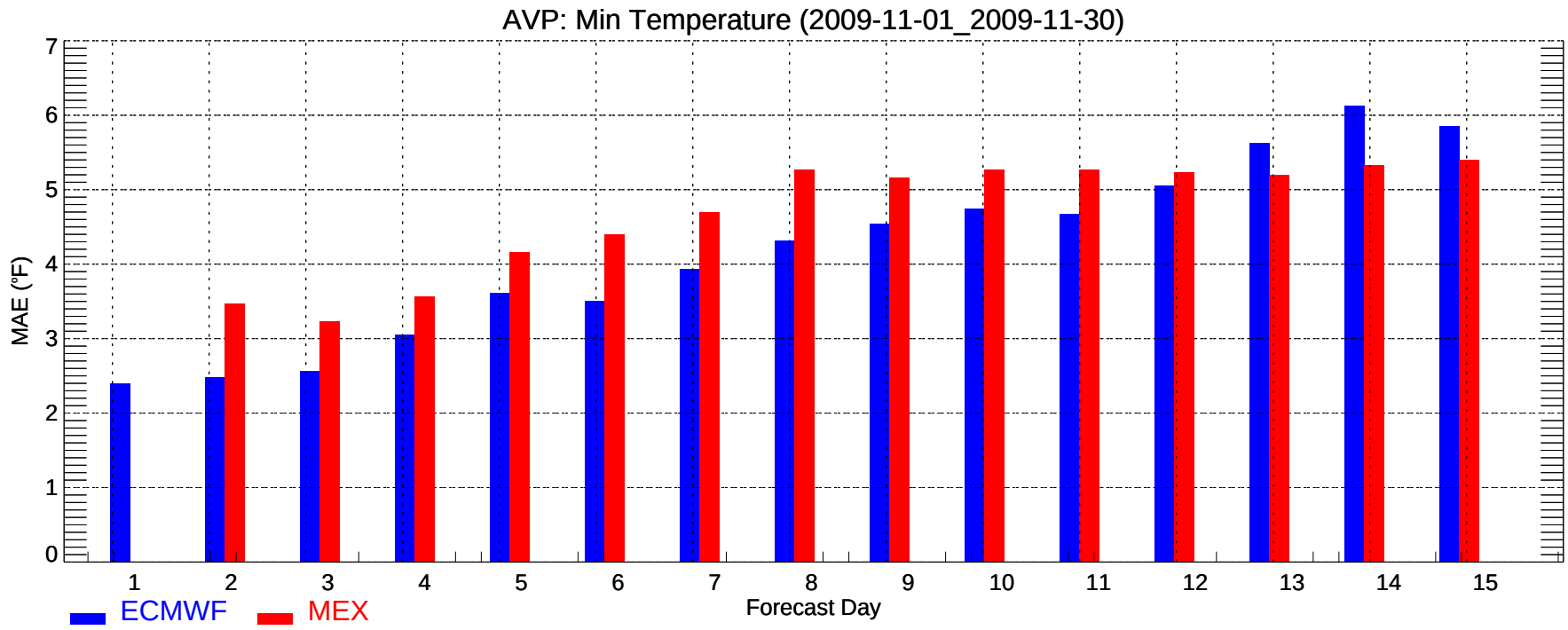
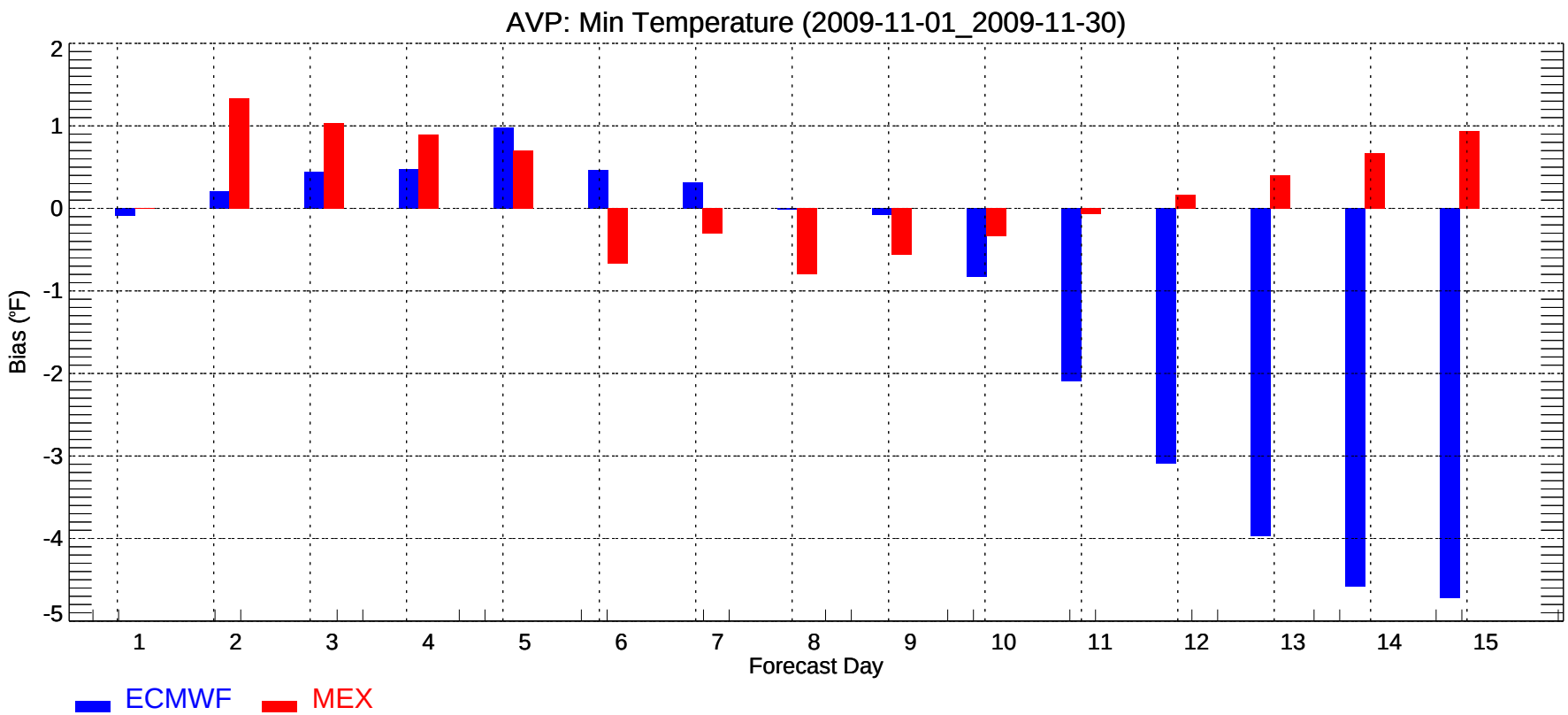
12
13
14
15
Forecast Day
ECMWF
MEX


AVP: Max Temperature (2009-11-01_2009-11-30)
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


AVP: Max Temperature (2009-11-01_2009-11-30)
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


AVP: Min Temperature (2009-11-01_2009-11-30)
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


AVP: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
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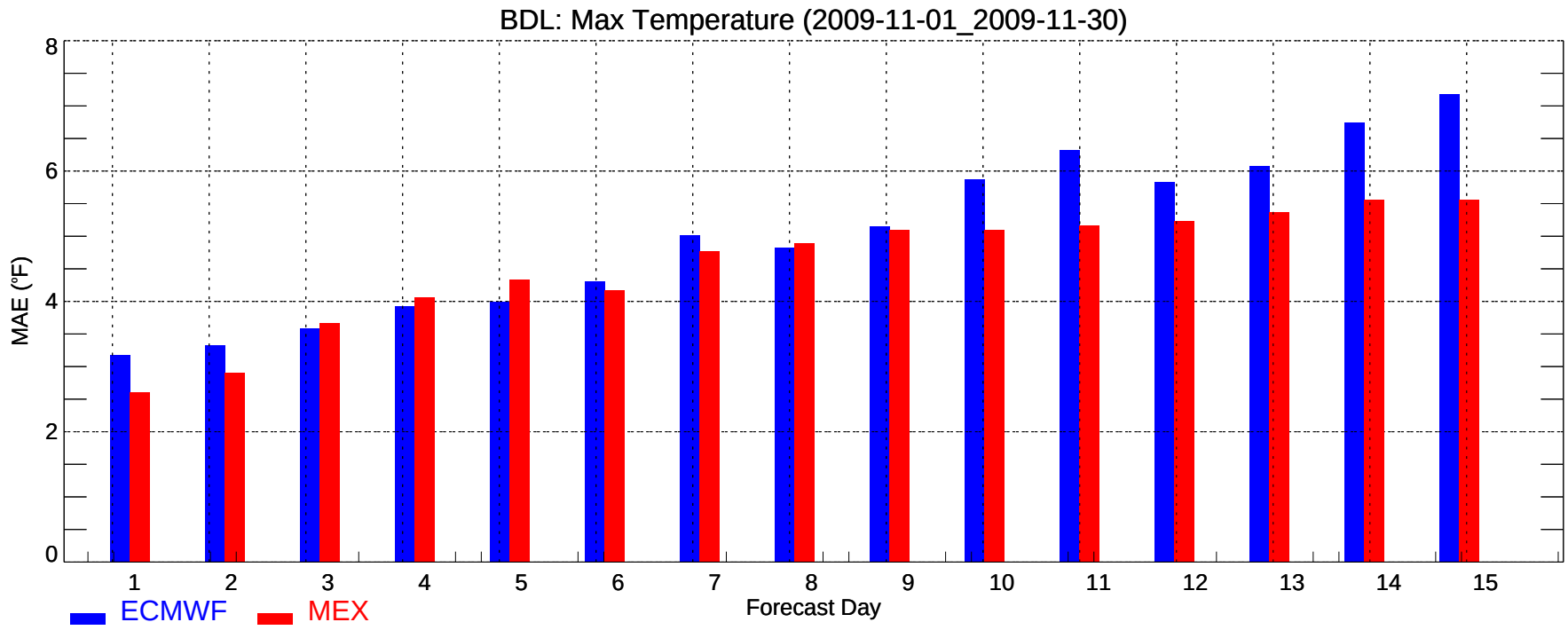
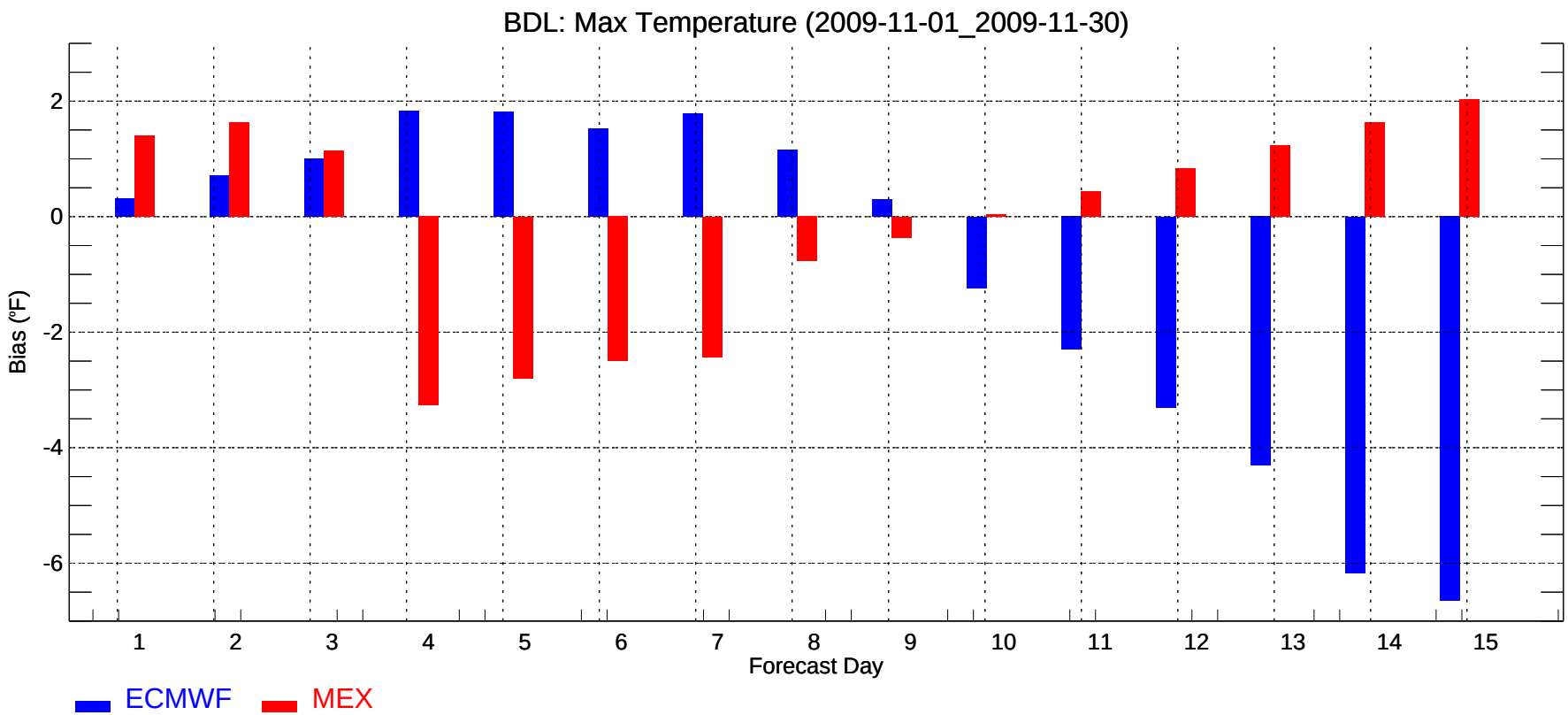
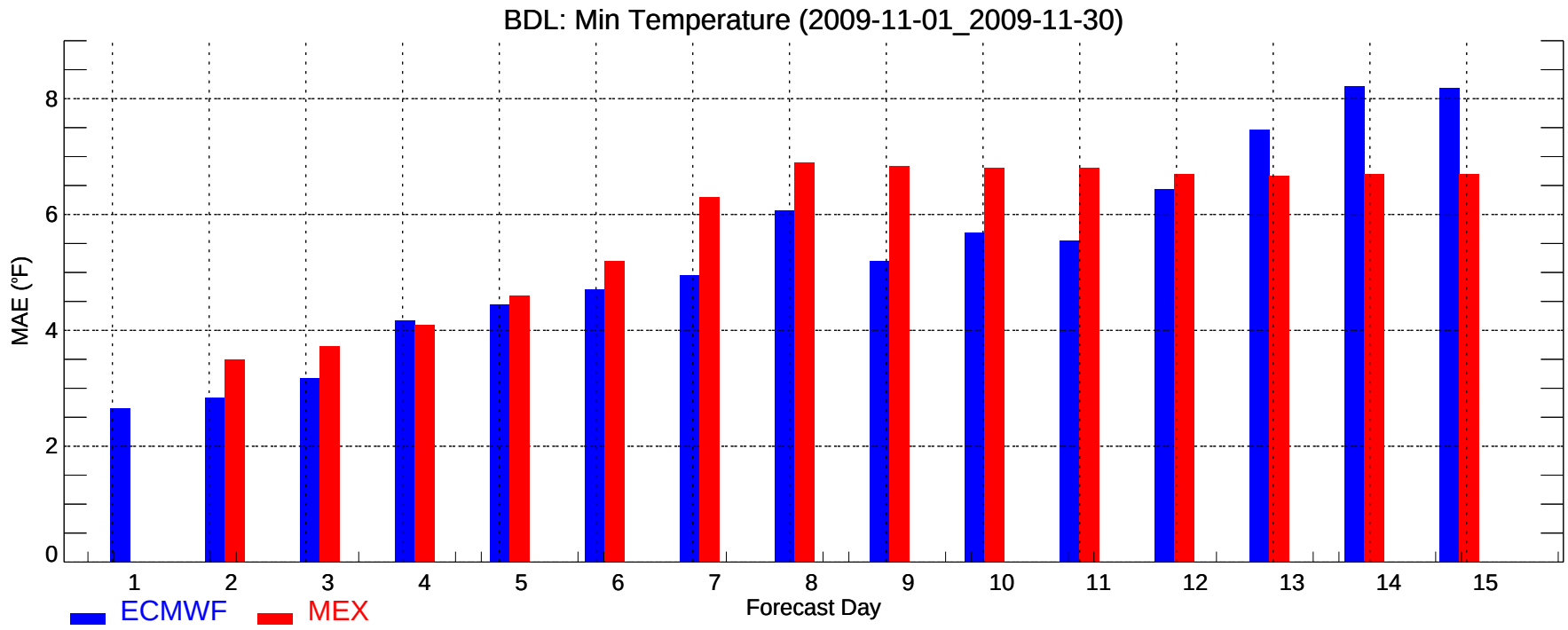
Forecast Day
ECMWF
MEX


BDL: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BDL: Max Temperature (2009-11-01_2009-11-30)
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


BDL: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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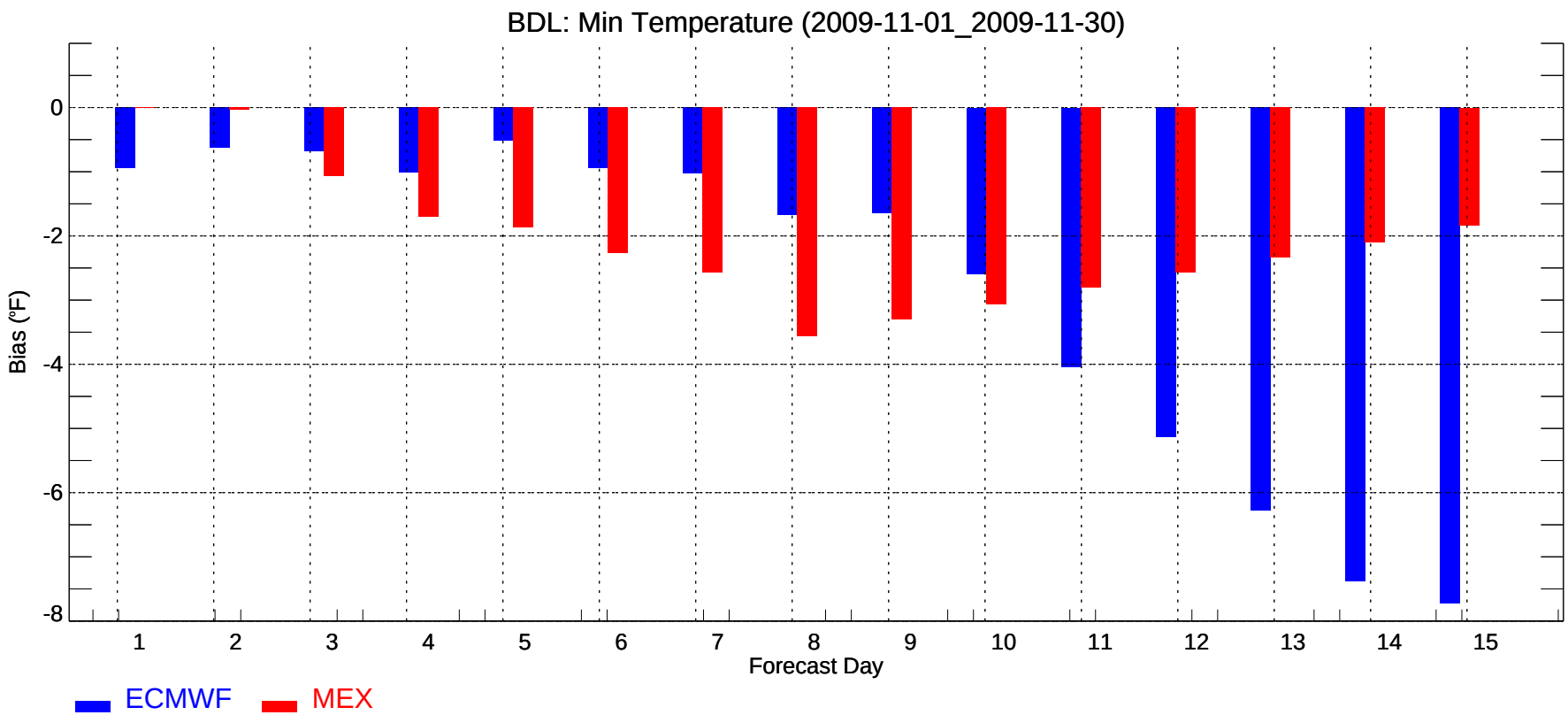
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BDL: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
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8
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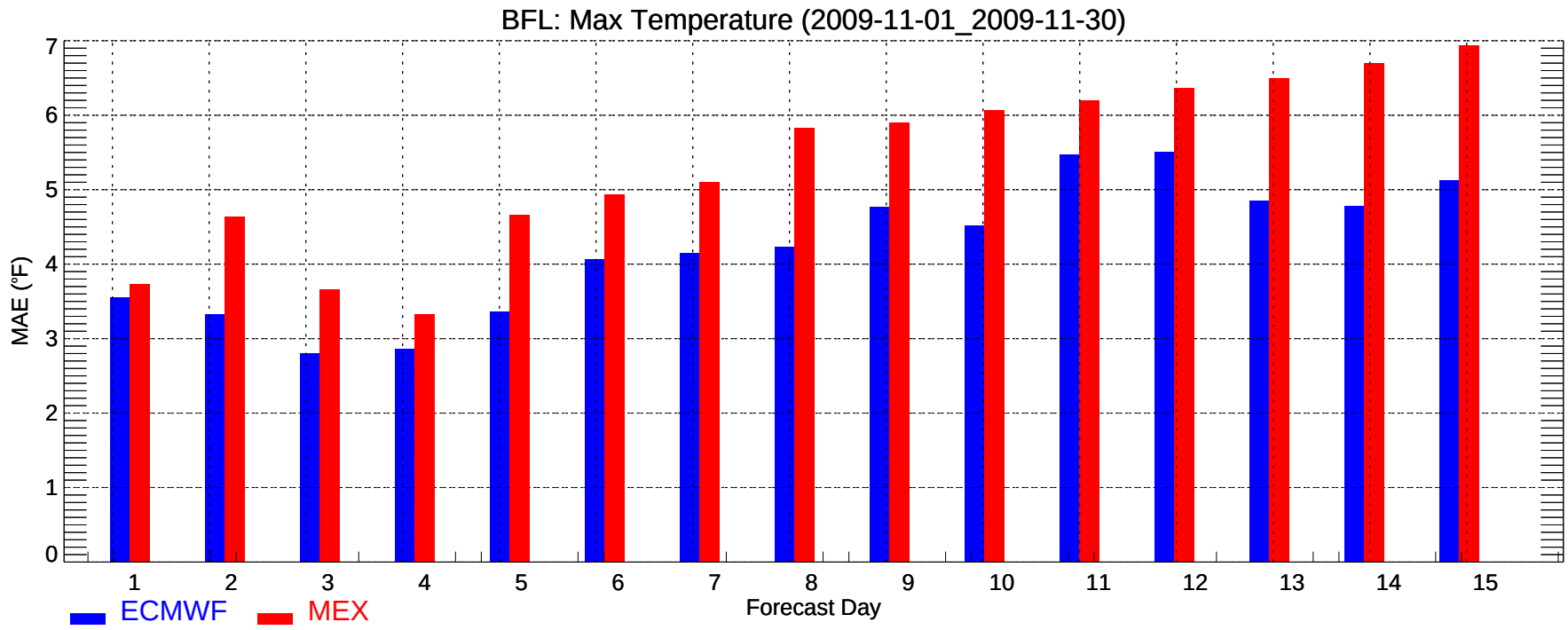
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BFL: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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5
6
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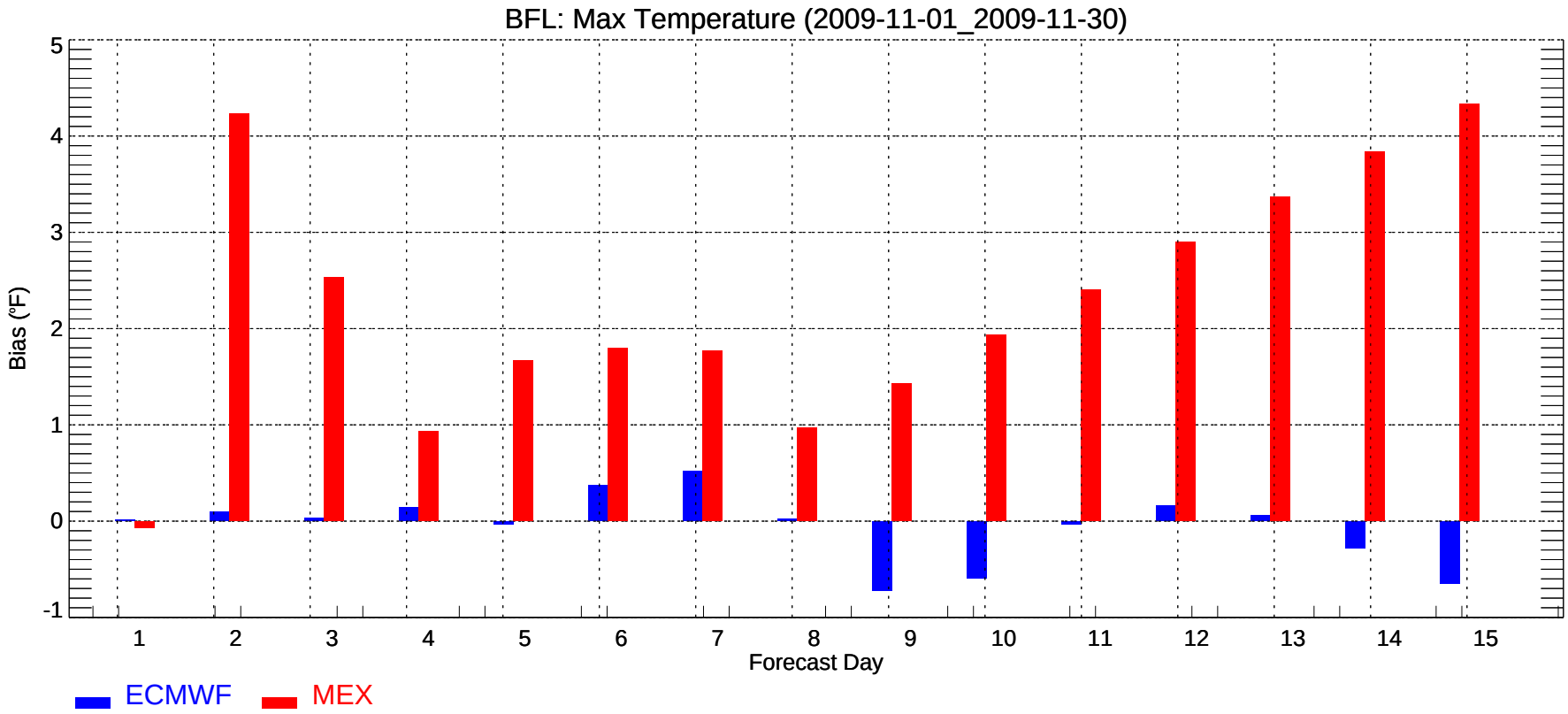
11
12
13
14
15
Forecast Day
ECMWF
MEX


BFL: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
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1
2
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6
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8
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11
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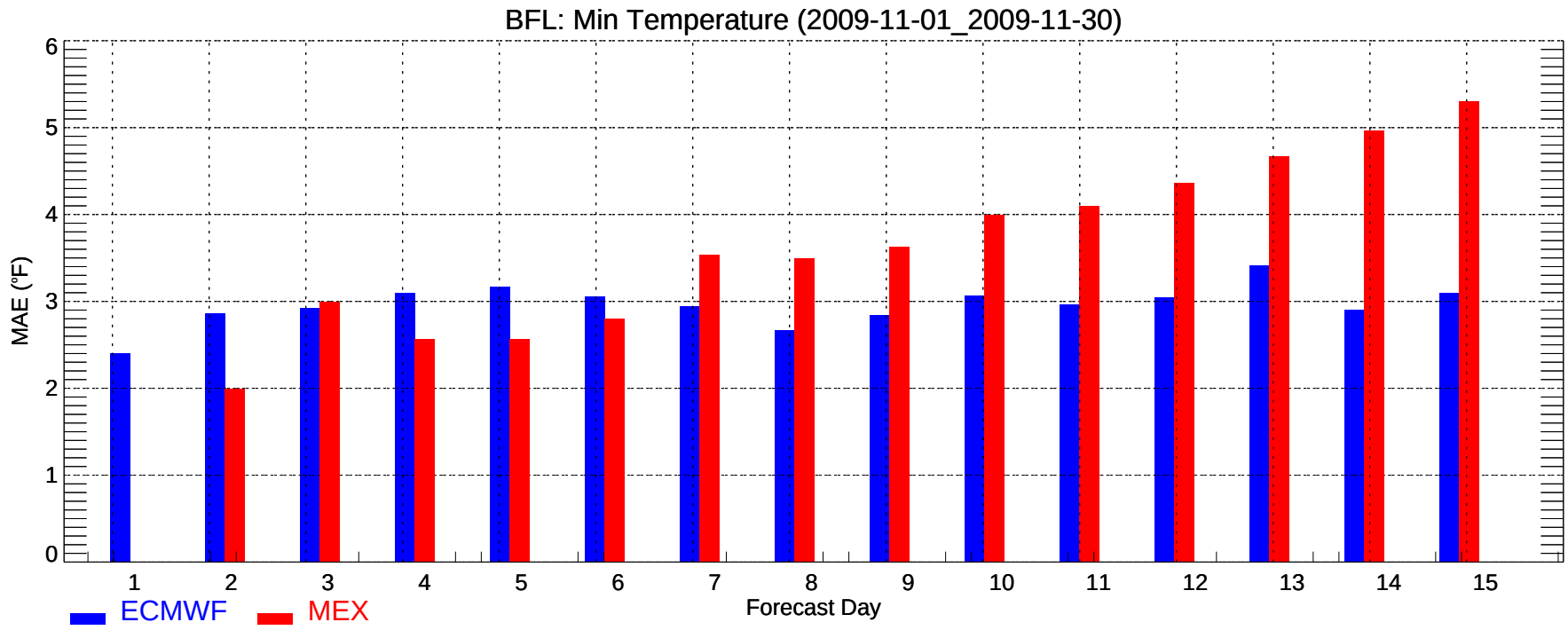
13
14
15
Forecast Day
ECMWF
MEX


BFL: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
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1
2
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6
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8
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11
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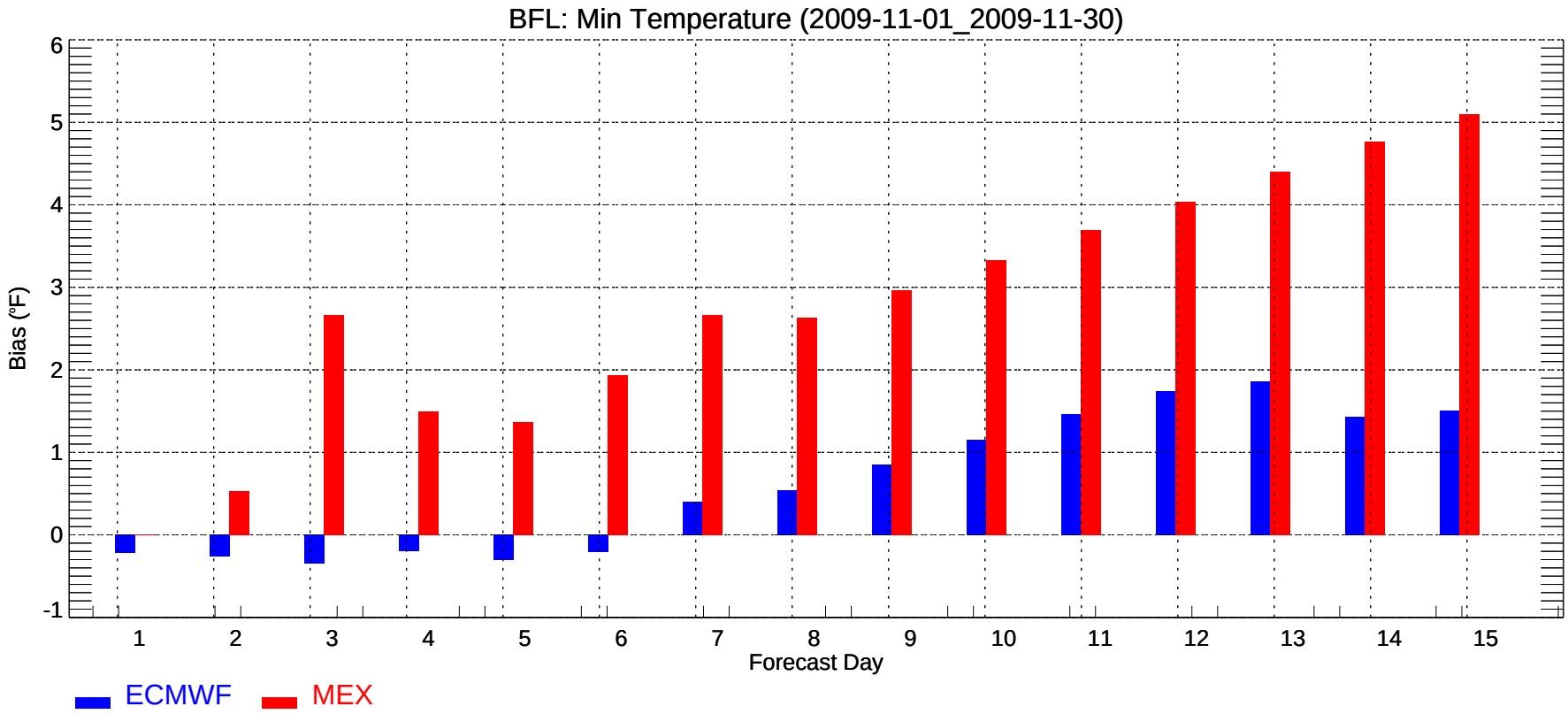
14
15
Forecast Day
ECMWF
MEX


BFL: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
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6
7
8
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10
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12
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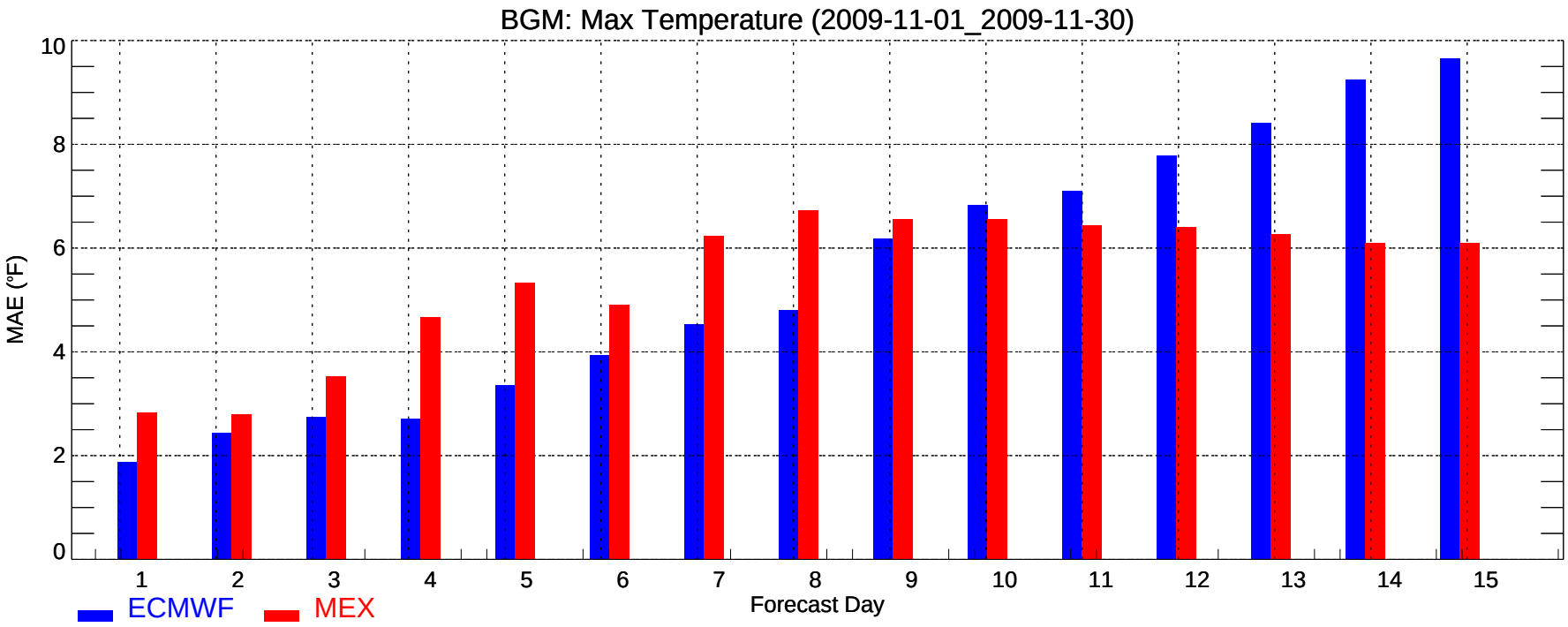
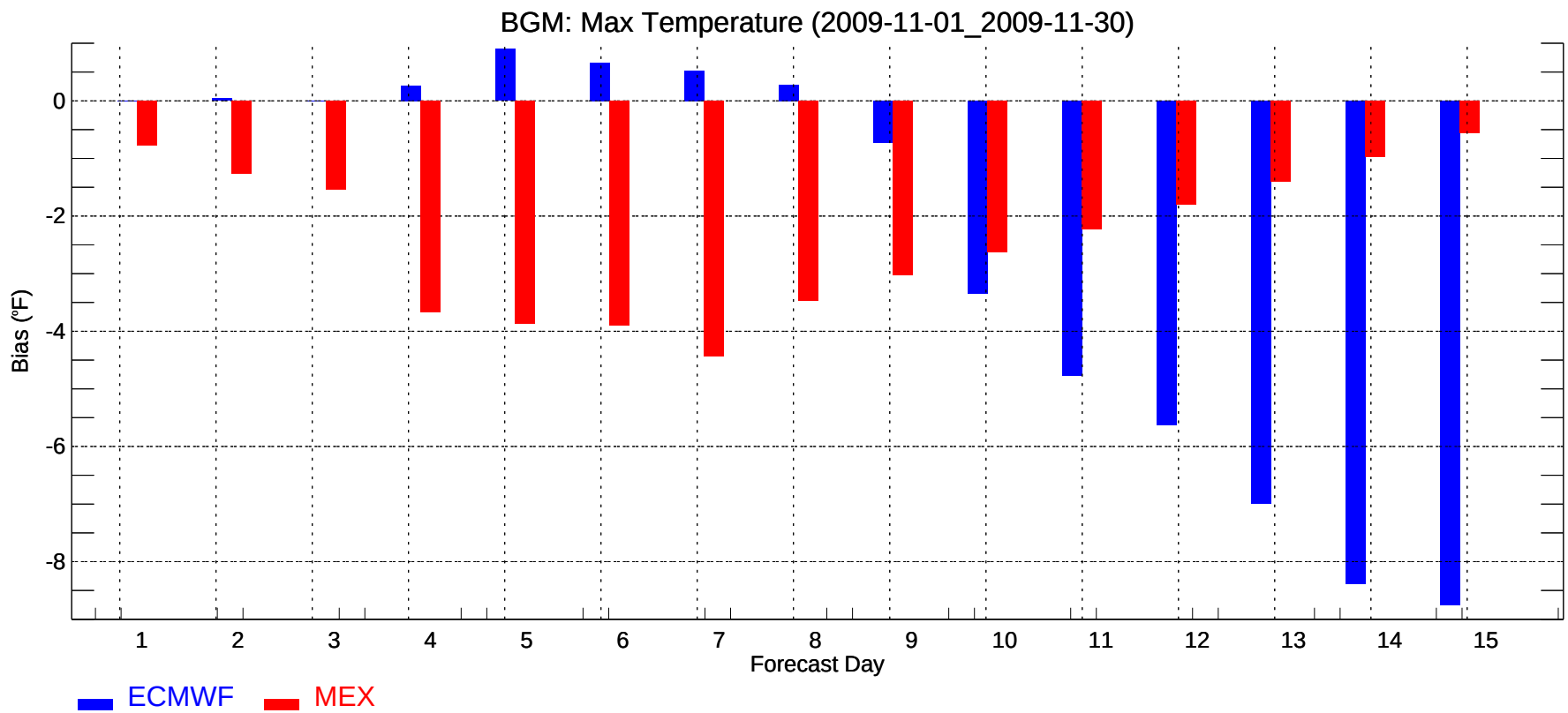
14
15
Forecast Day
ECMWF
MEX


BGM: Max Temperature (2009-11-01_2009-11-30)
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


BGM: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
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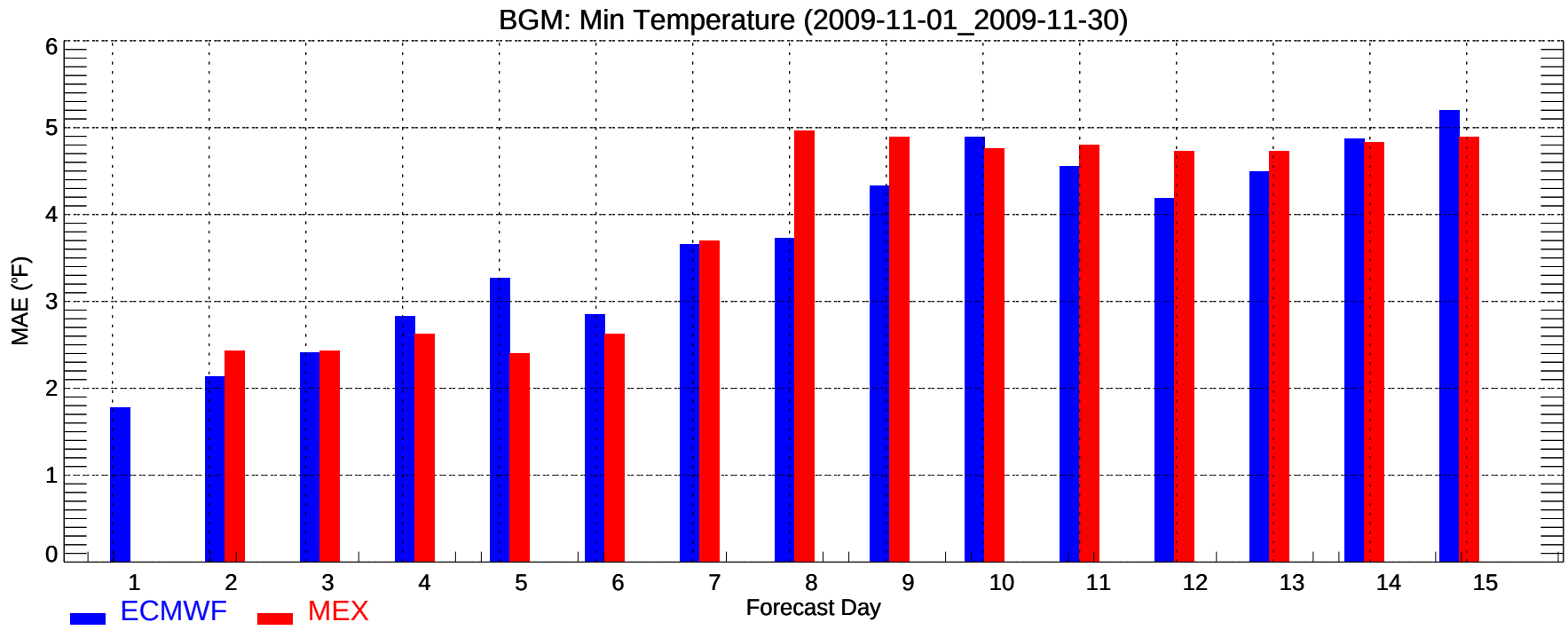
12
13
14
15
Forecast Day
ECMWF
MEX


BGM: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
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4
5
6
1
2
3
4
5
6
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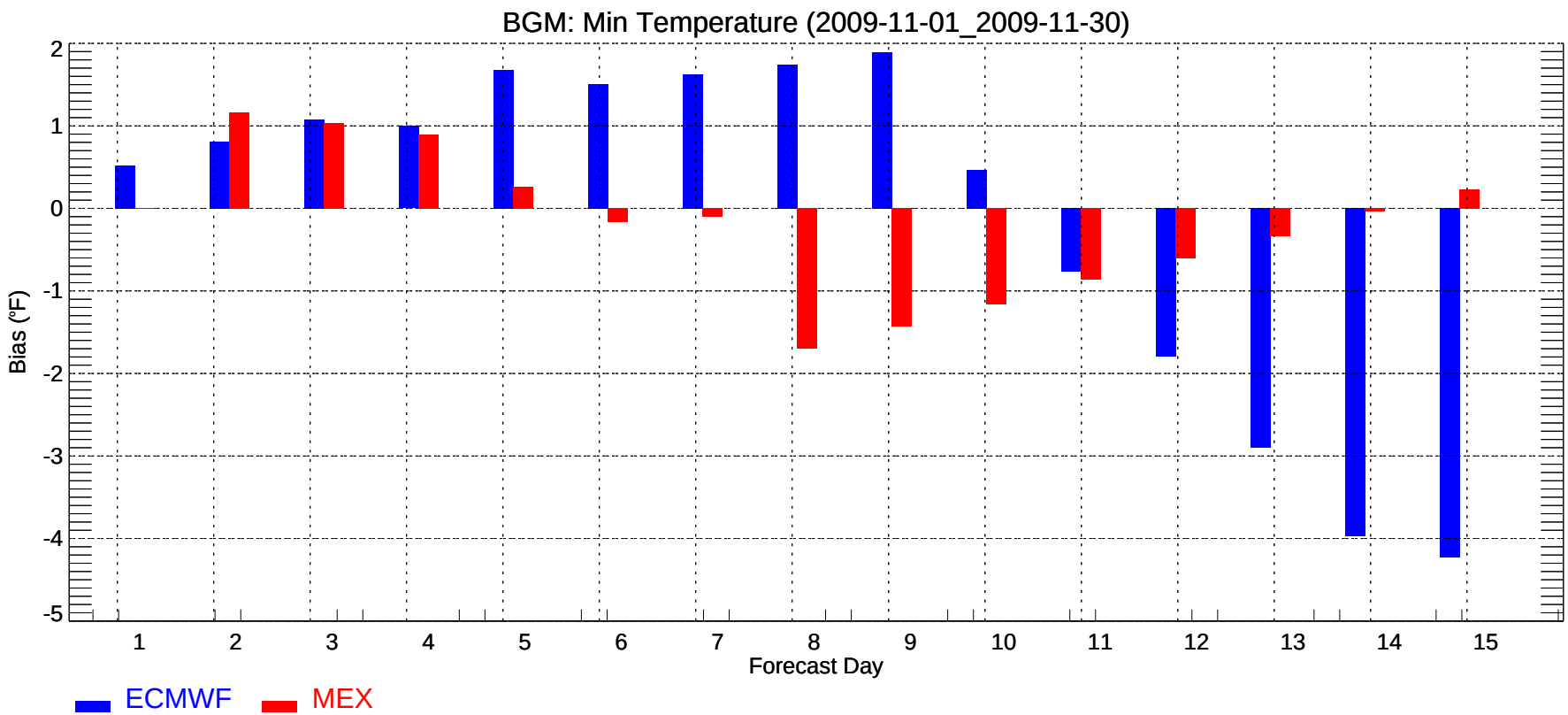
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BGM: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
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6
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8
9
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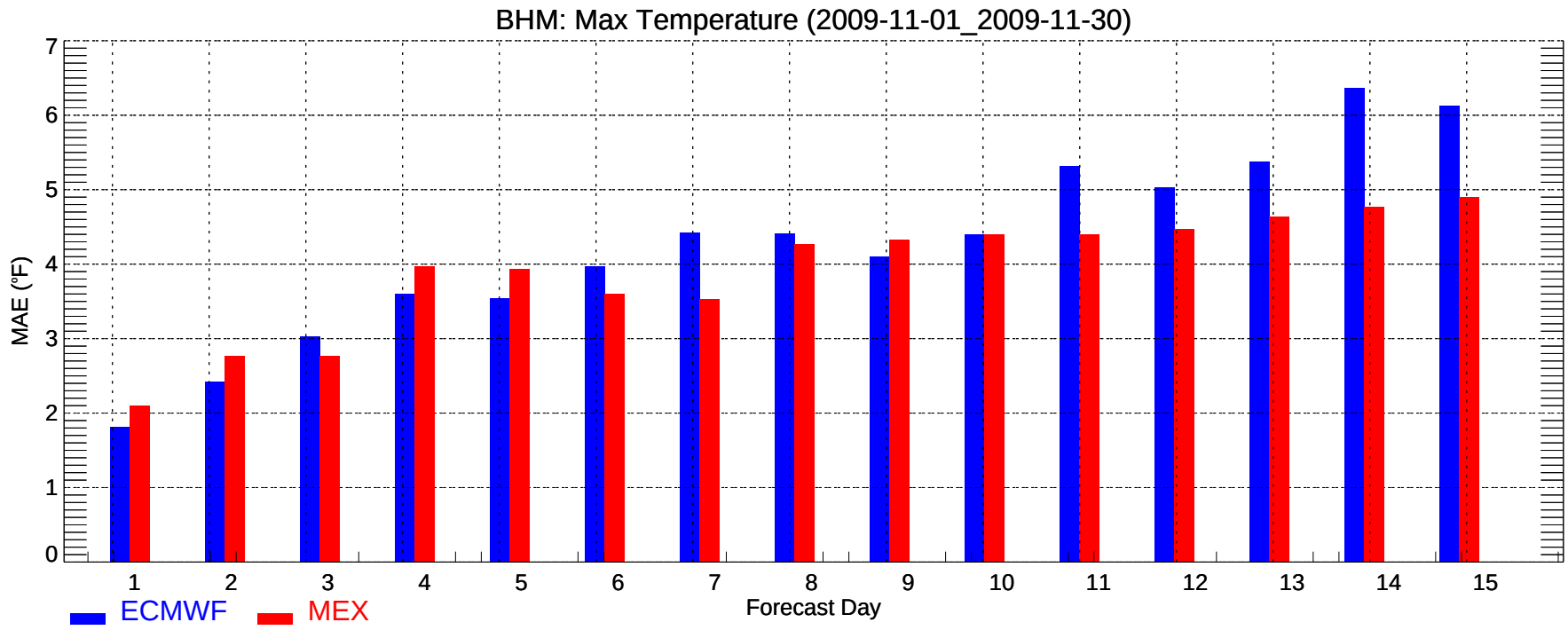
11
12
13
14
15
Forecast Day
ECMWF
MEX


BHM: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
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4
5
6
7
1
2
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4
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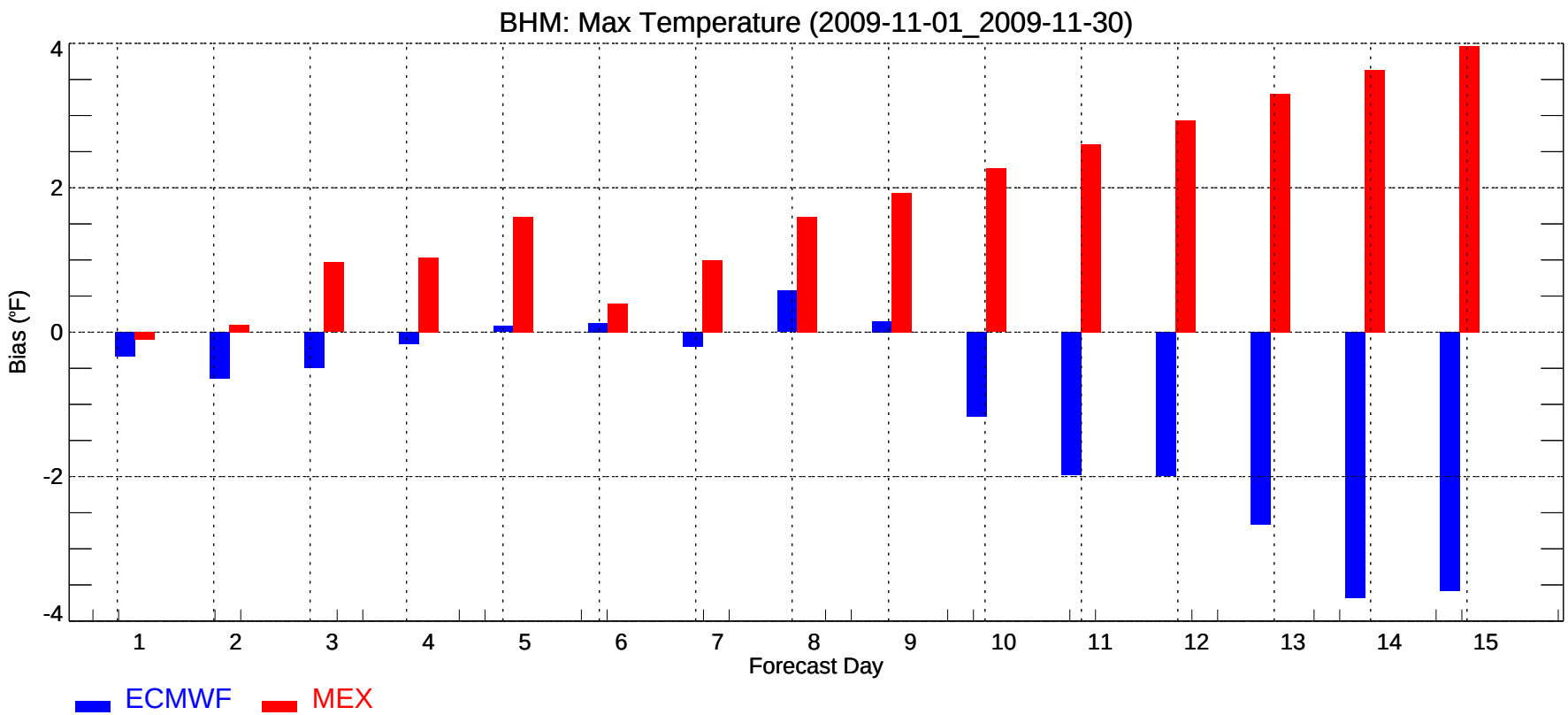
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BHM: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
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10
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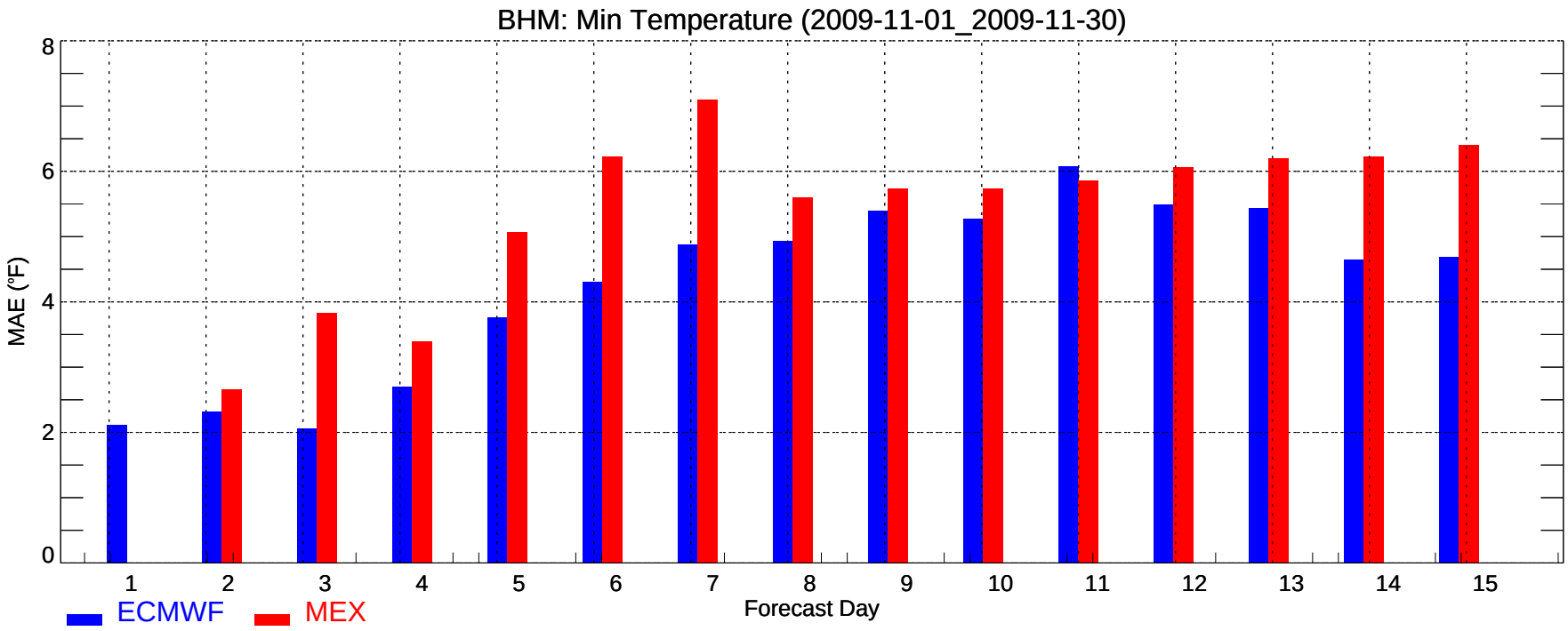
13
14
15
Forecast Day
ECMWF
MEX


BHM: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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10
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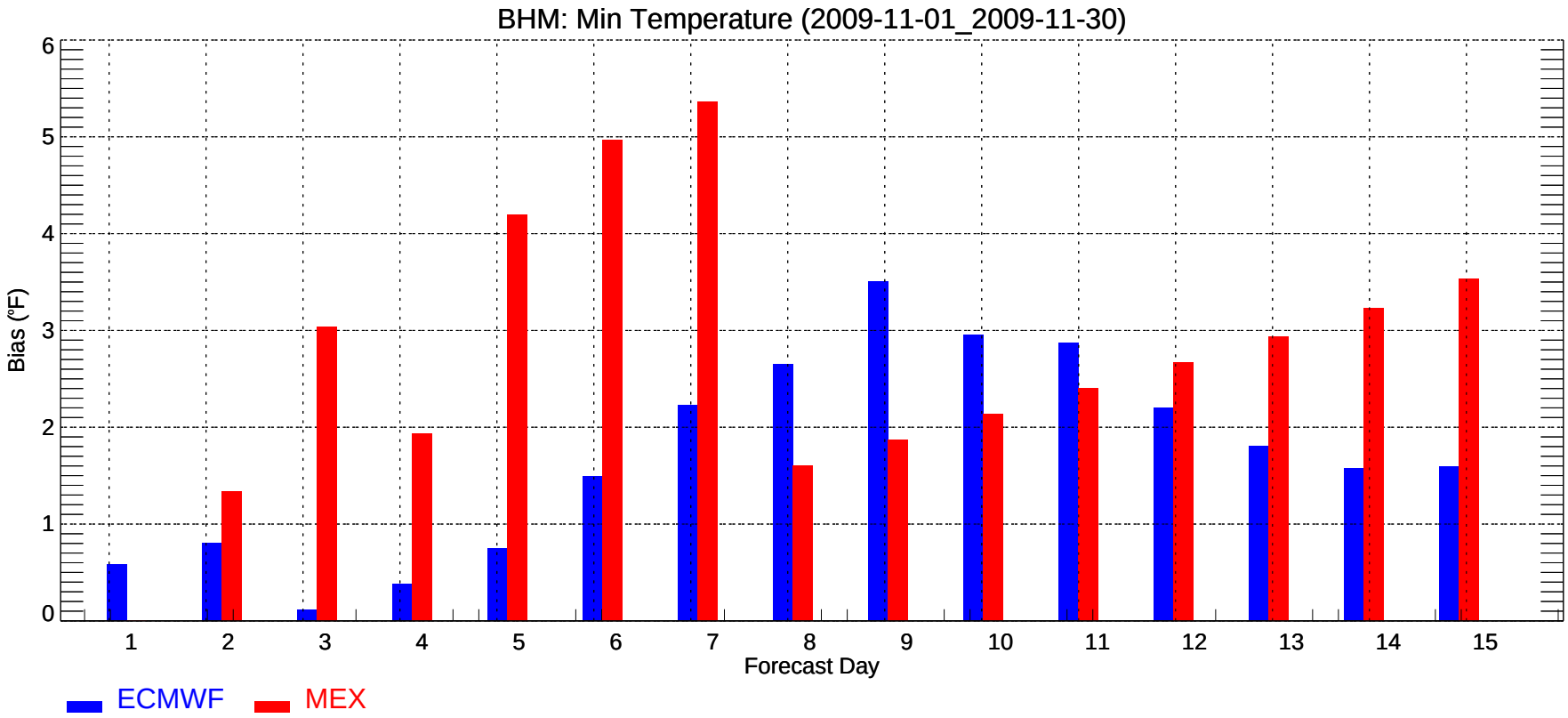
13
14
15
Forecast Day
ECMWF
MEX


BHM: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
1
2
3
4
5
6
1
2
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6
7
8
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11
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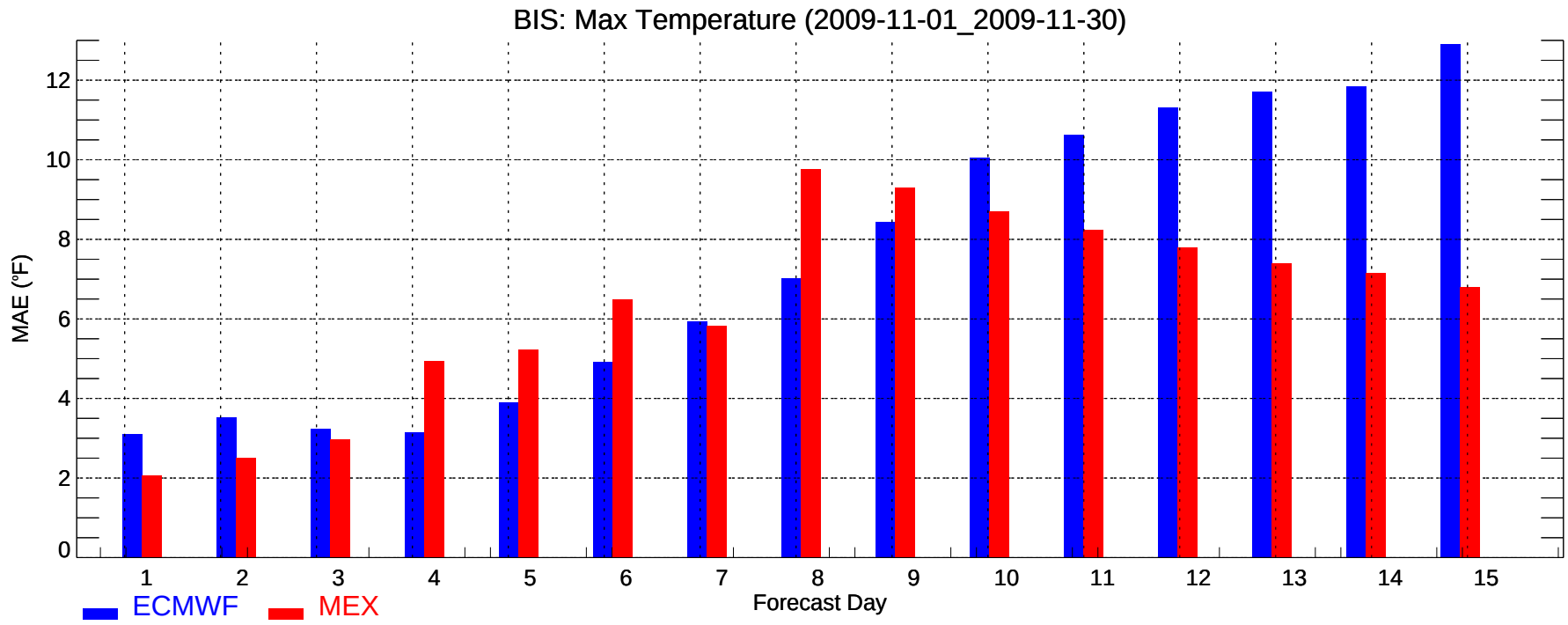
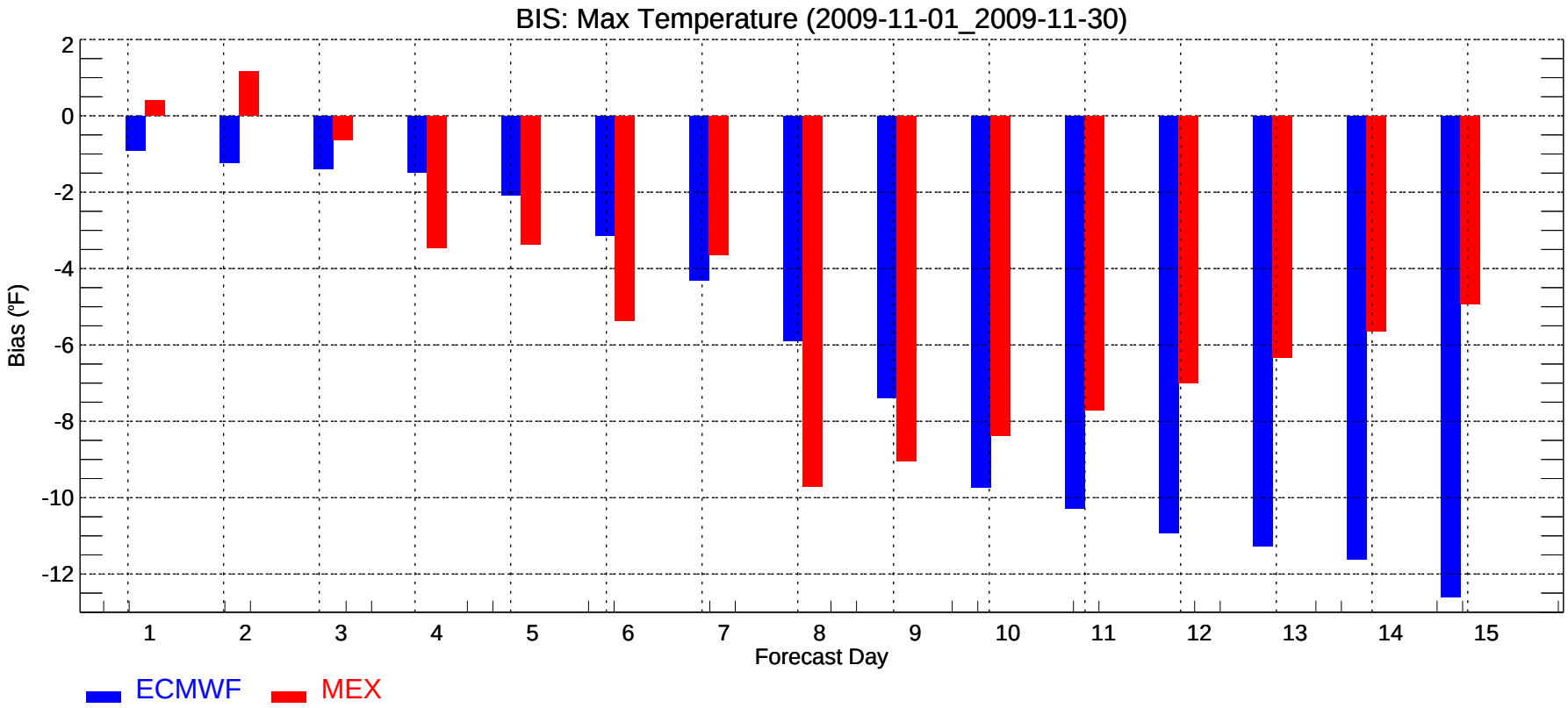
13
14
15
Forecast Day
ECMWF
MEX


BIS: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BIS: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
-12
1
2
3
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5
6
7
8
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13
14
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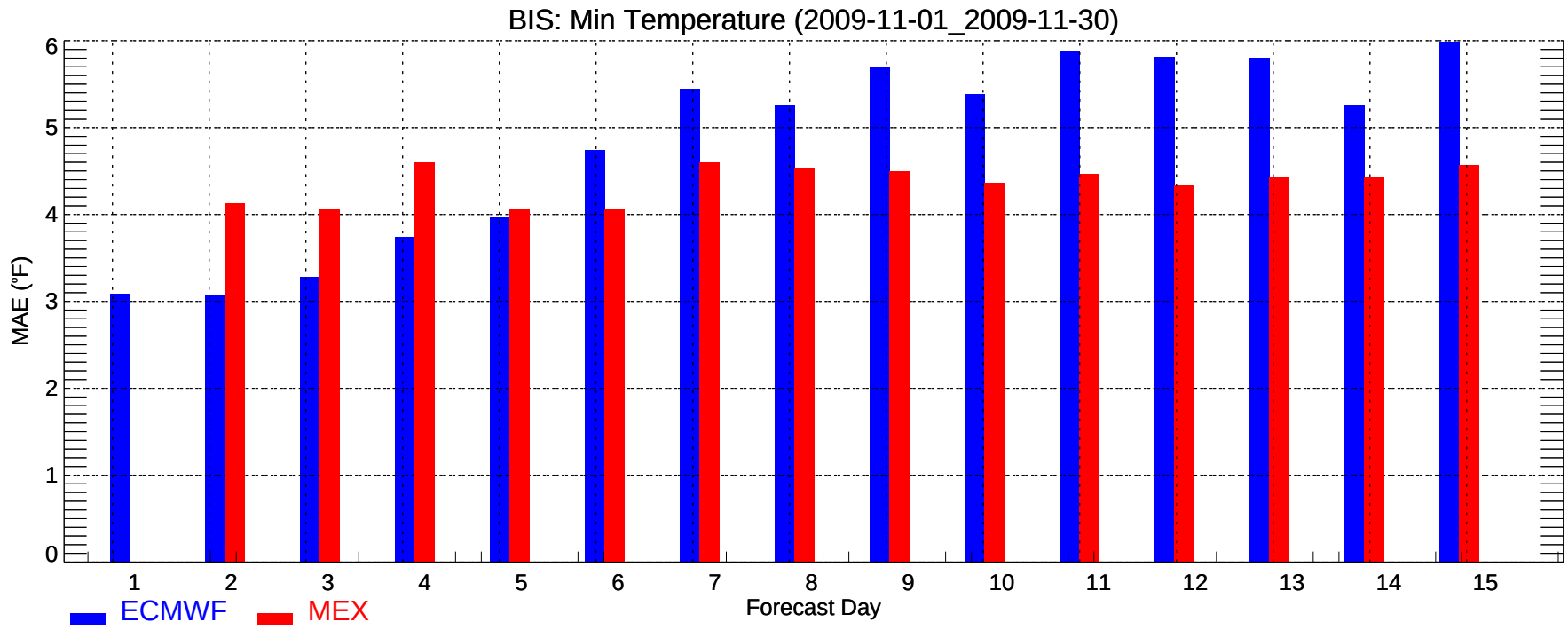
Forecast Day
ECMWF
MEX


BIS: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
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7
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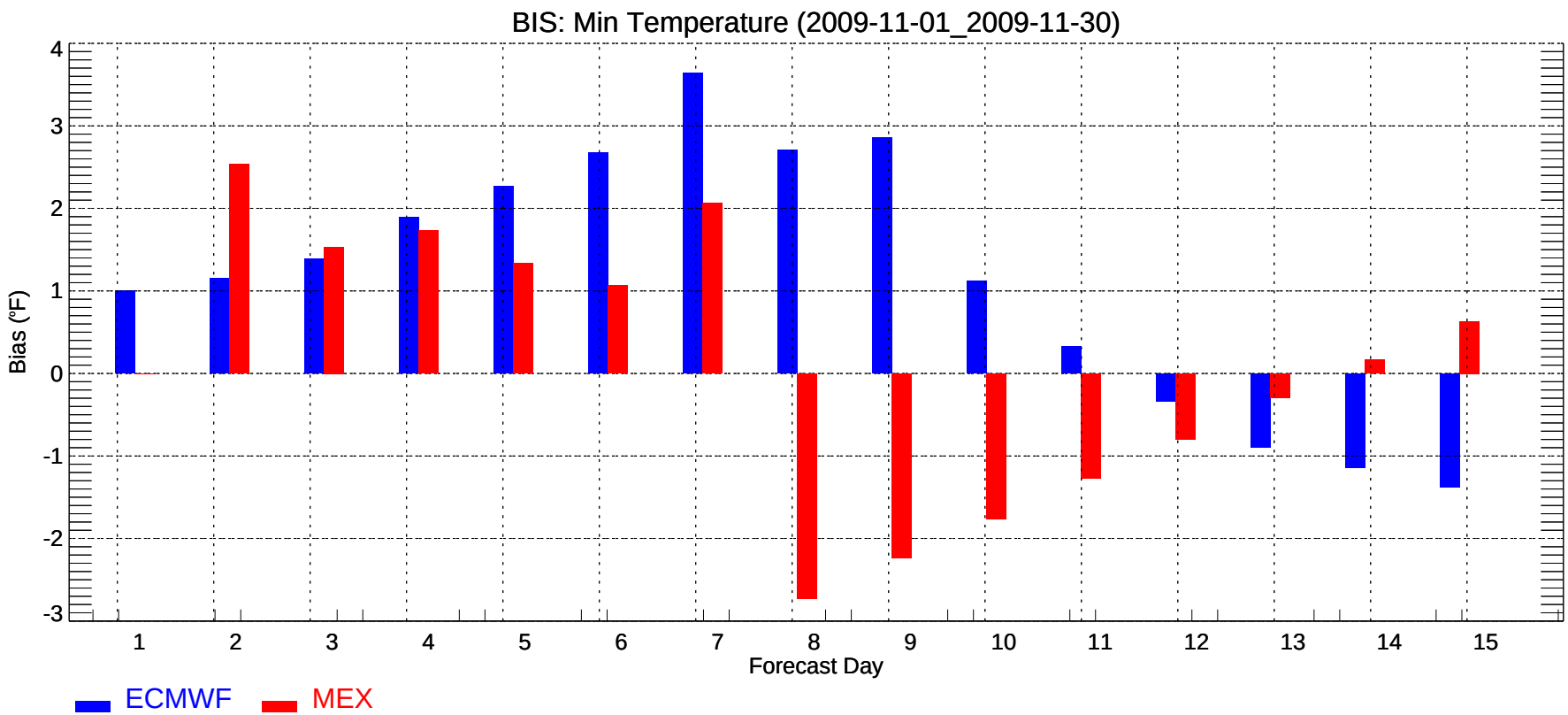
15
Forecast Day
ECMWF
MEX


BIS: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
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5
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8
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14
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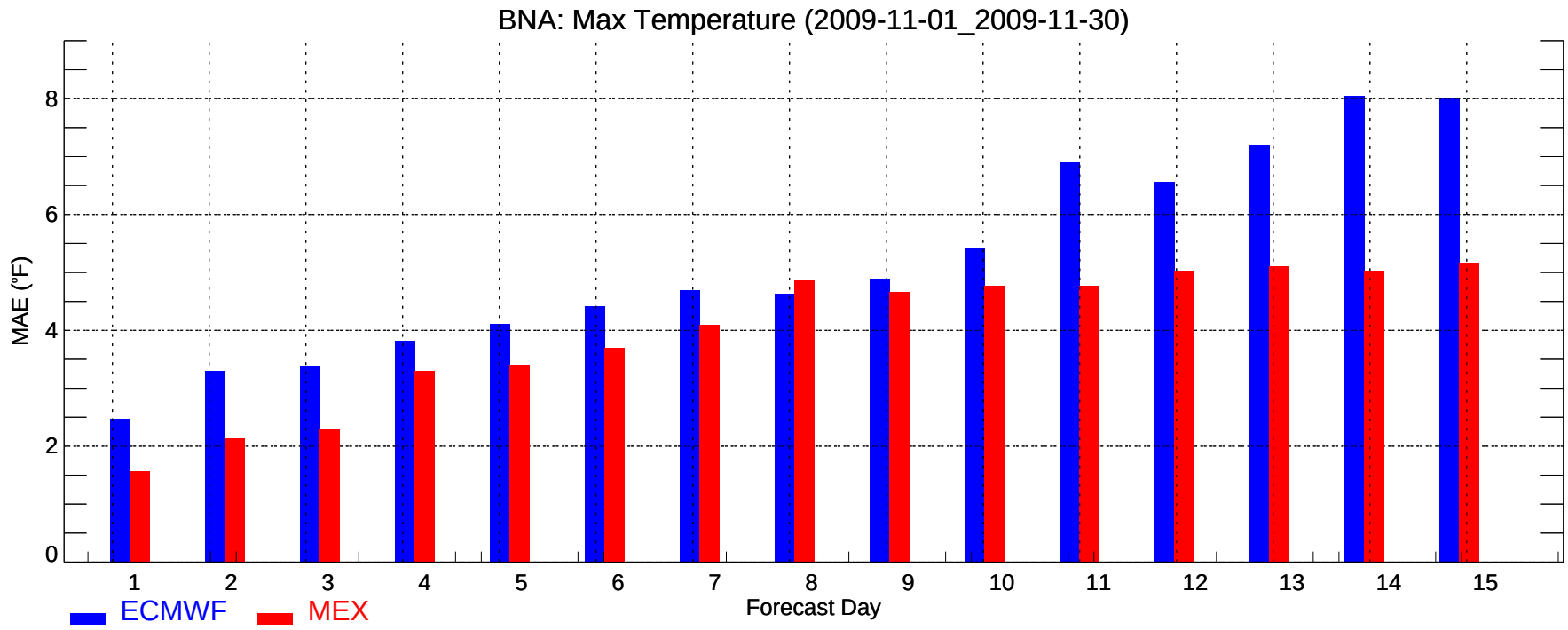
Forecast Day
ECMWF
MEX


BNA: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
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6
7
8
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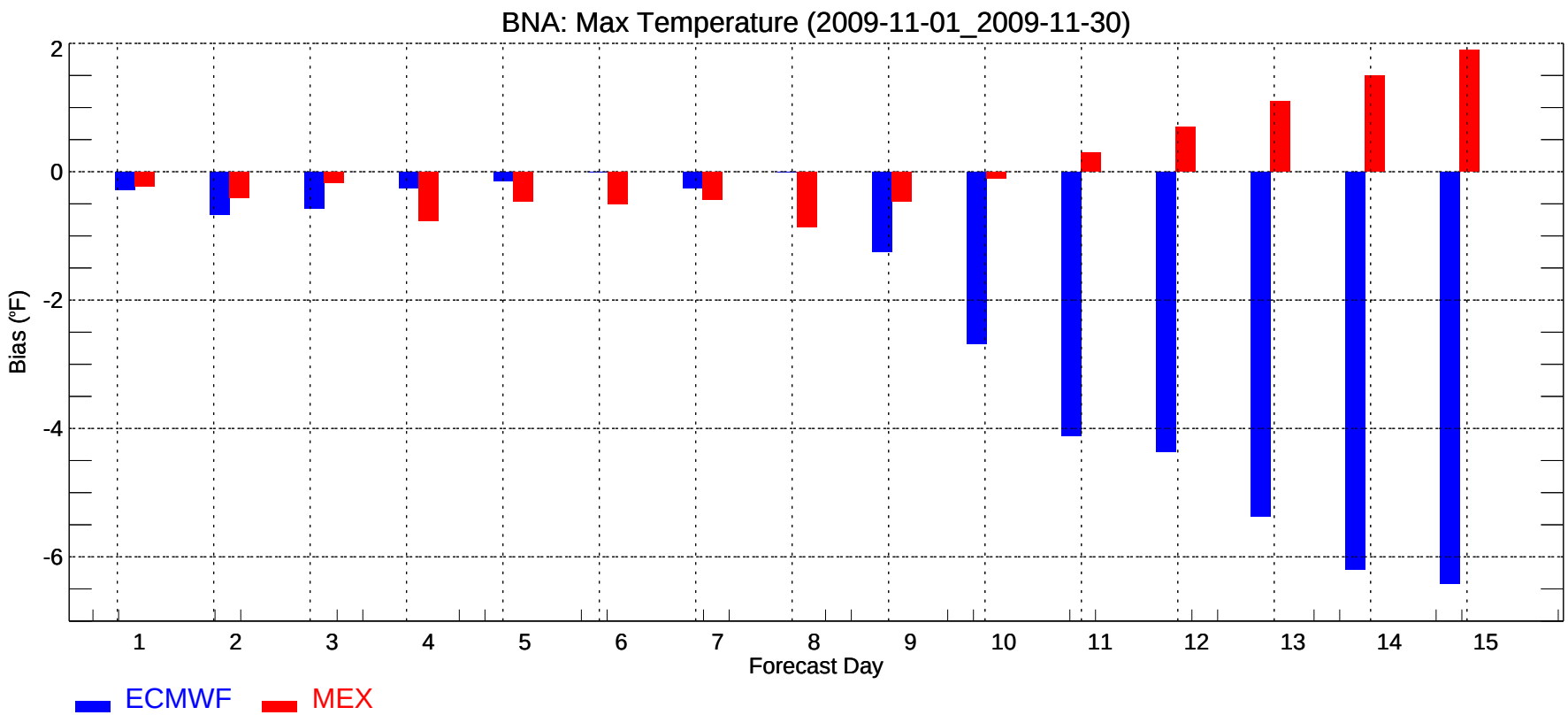
12
13
14
15
Forecast Day
ECMWF
MEX


BNA: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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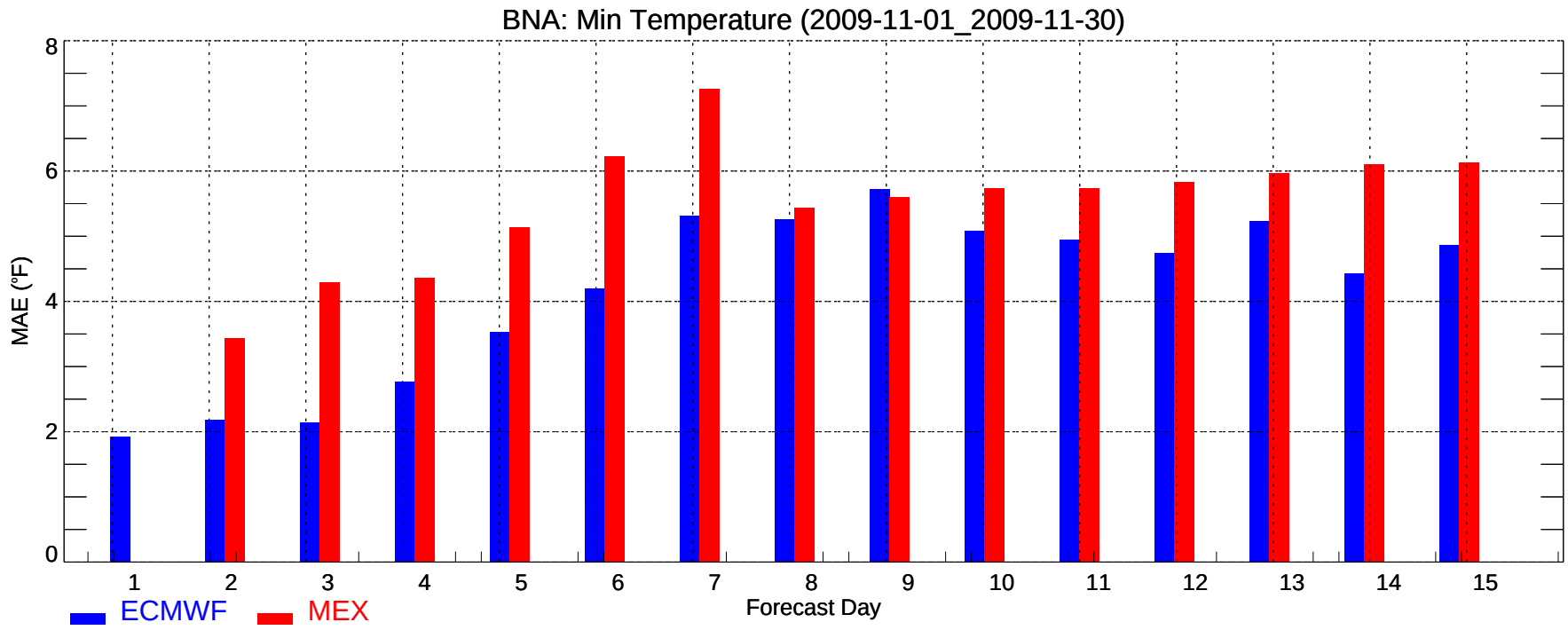
12
13
14
15
Forecast Day
ECMWF
MEX


BNA: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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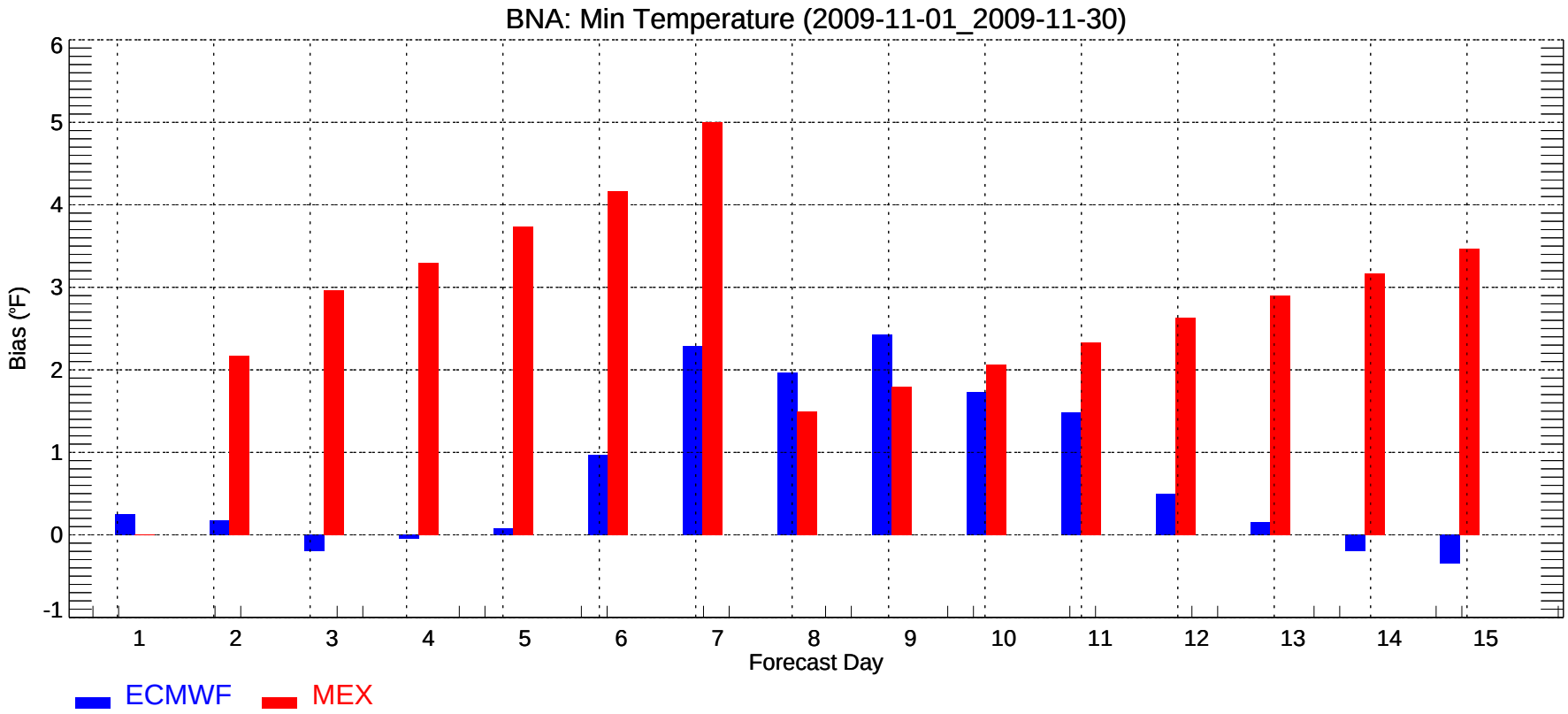
12
13
14
15
Forecast Day
ECMWF
MEX


BNA: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
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8
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12
13
14
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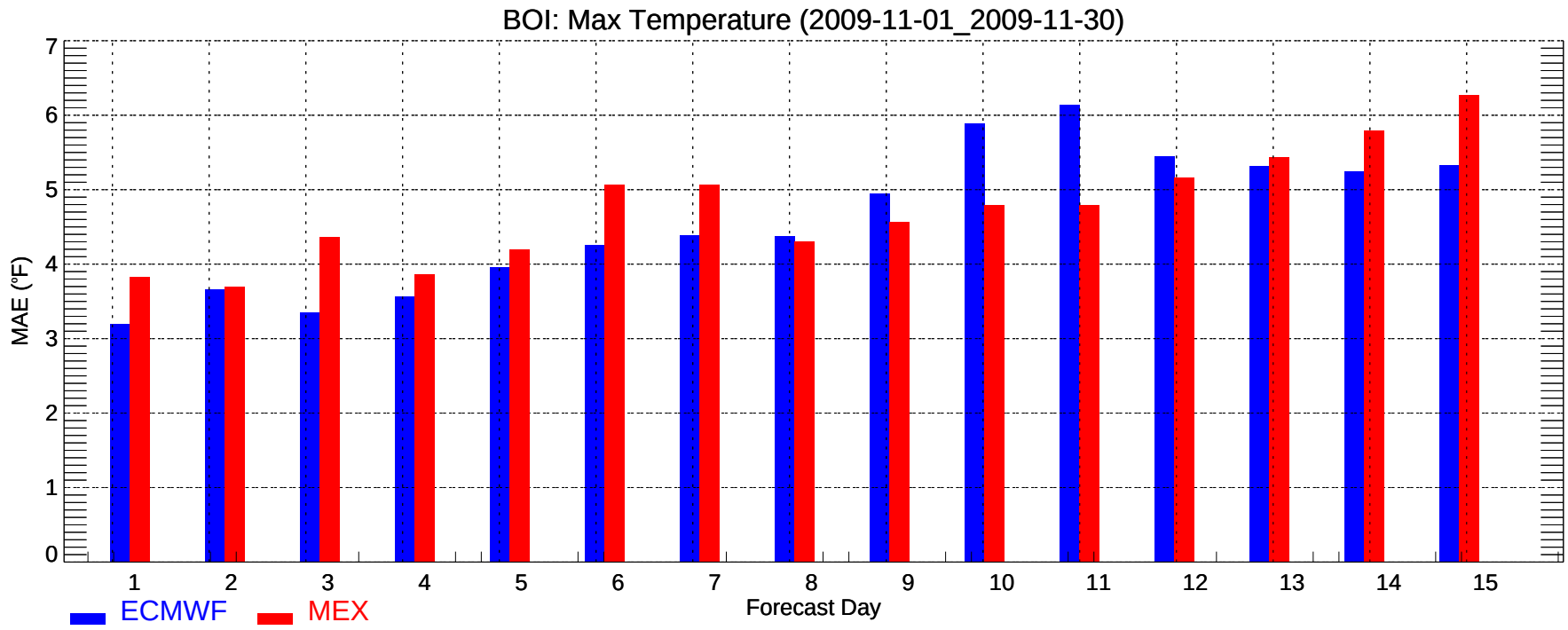
Forecast Day
ECMWF
MEX


BOI: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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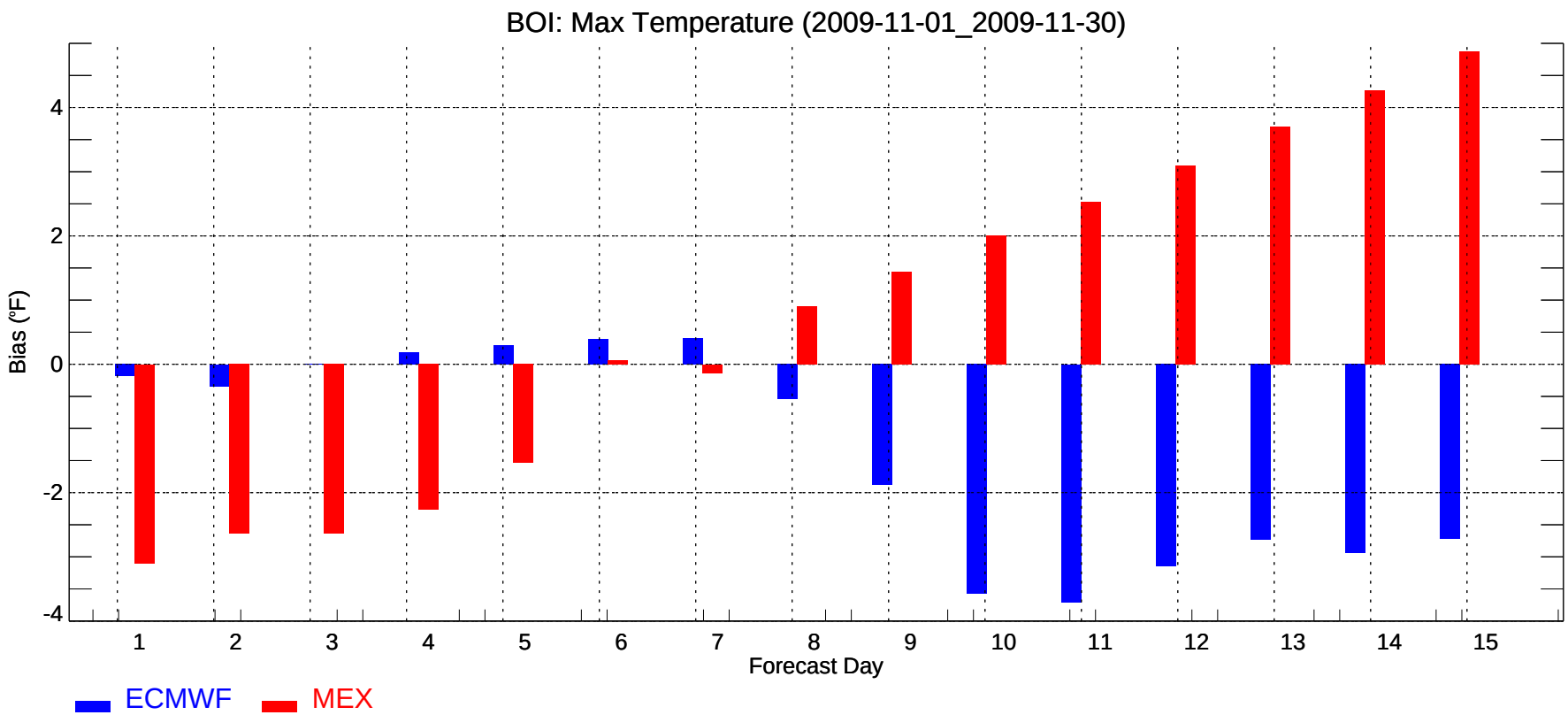
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BOI: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-4
-2
0
2
4
1
2
3
4
5
6
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8
9
10
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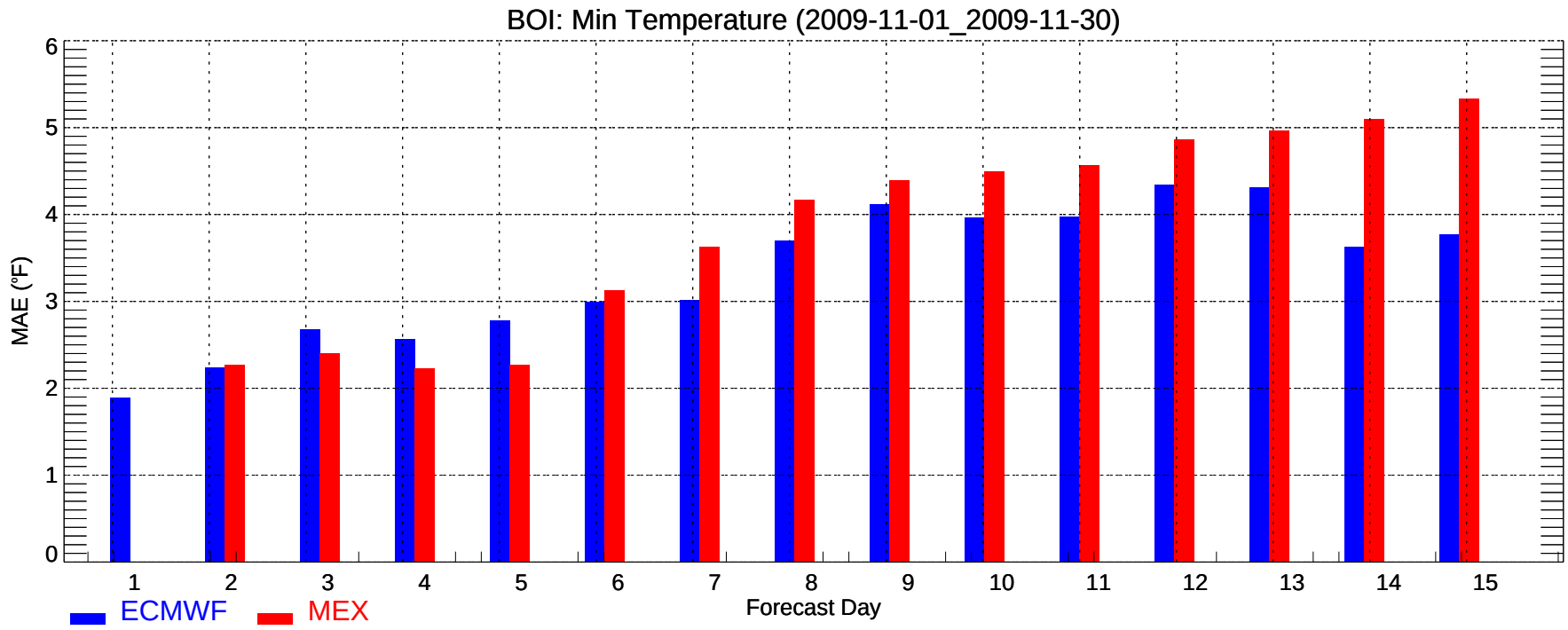
12
13
14
15
Forecast Day
ECMWF
MEX


BOI: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
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4
5
6
1
2
3
4
5
6
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8
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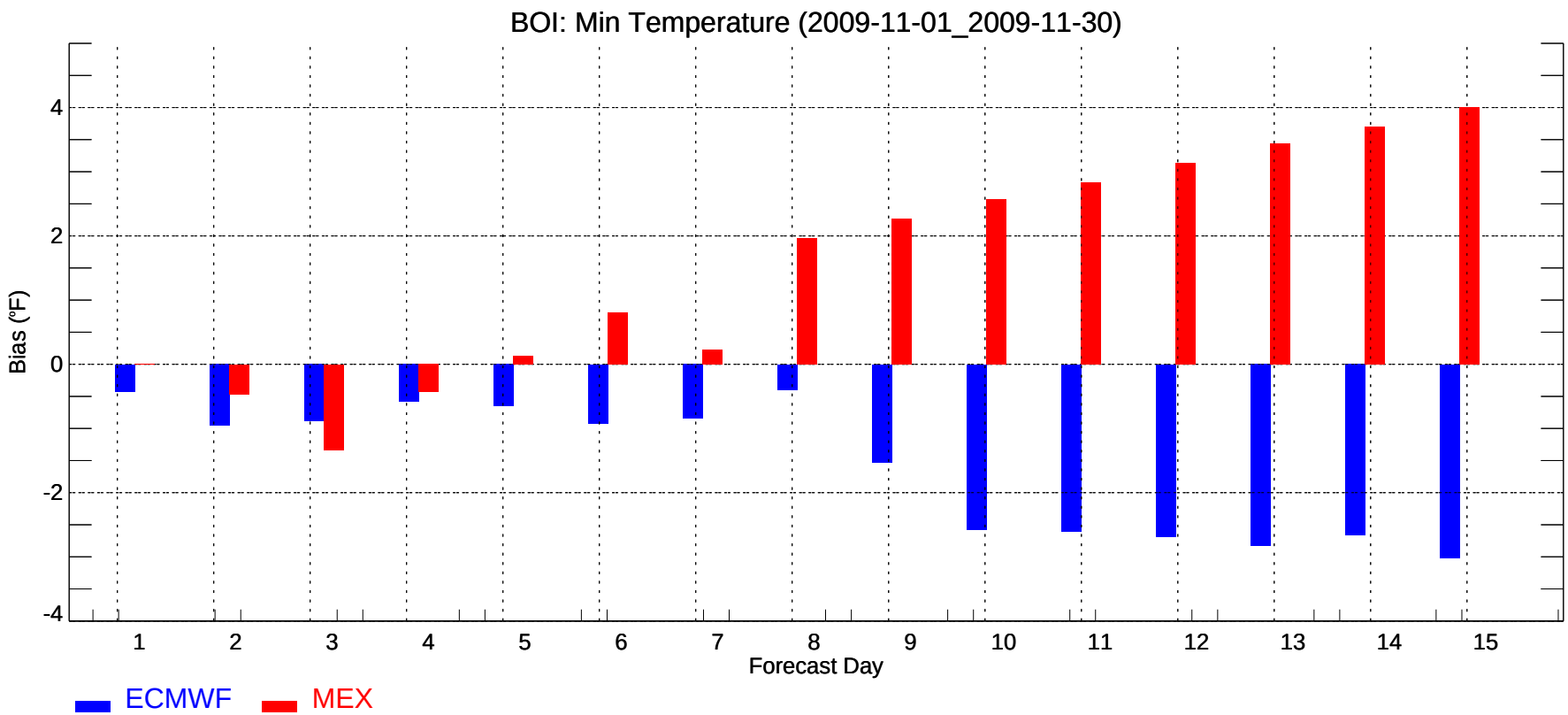
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BOI: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
1
2
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6
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8
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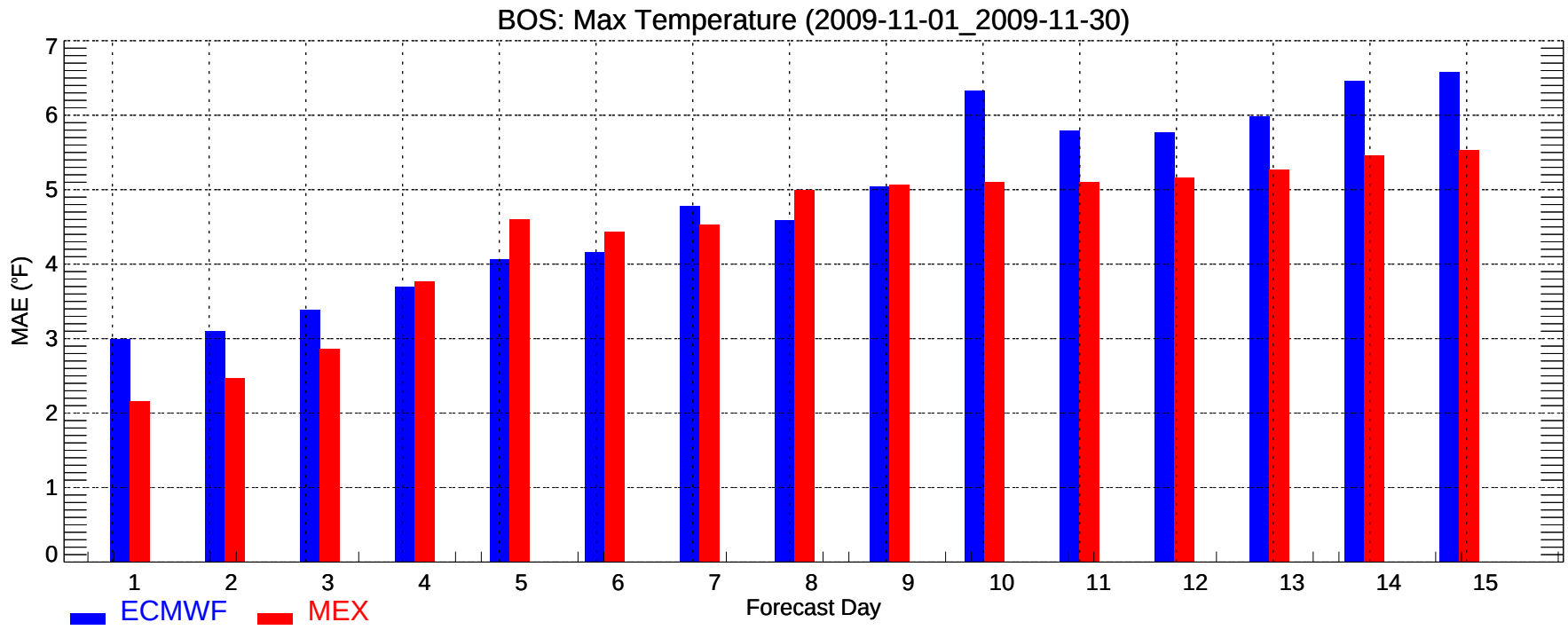
14
15
Forecast Day
ECMWF
MEX


BOS: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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5
6
7
8
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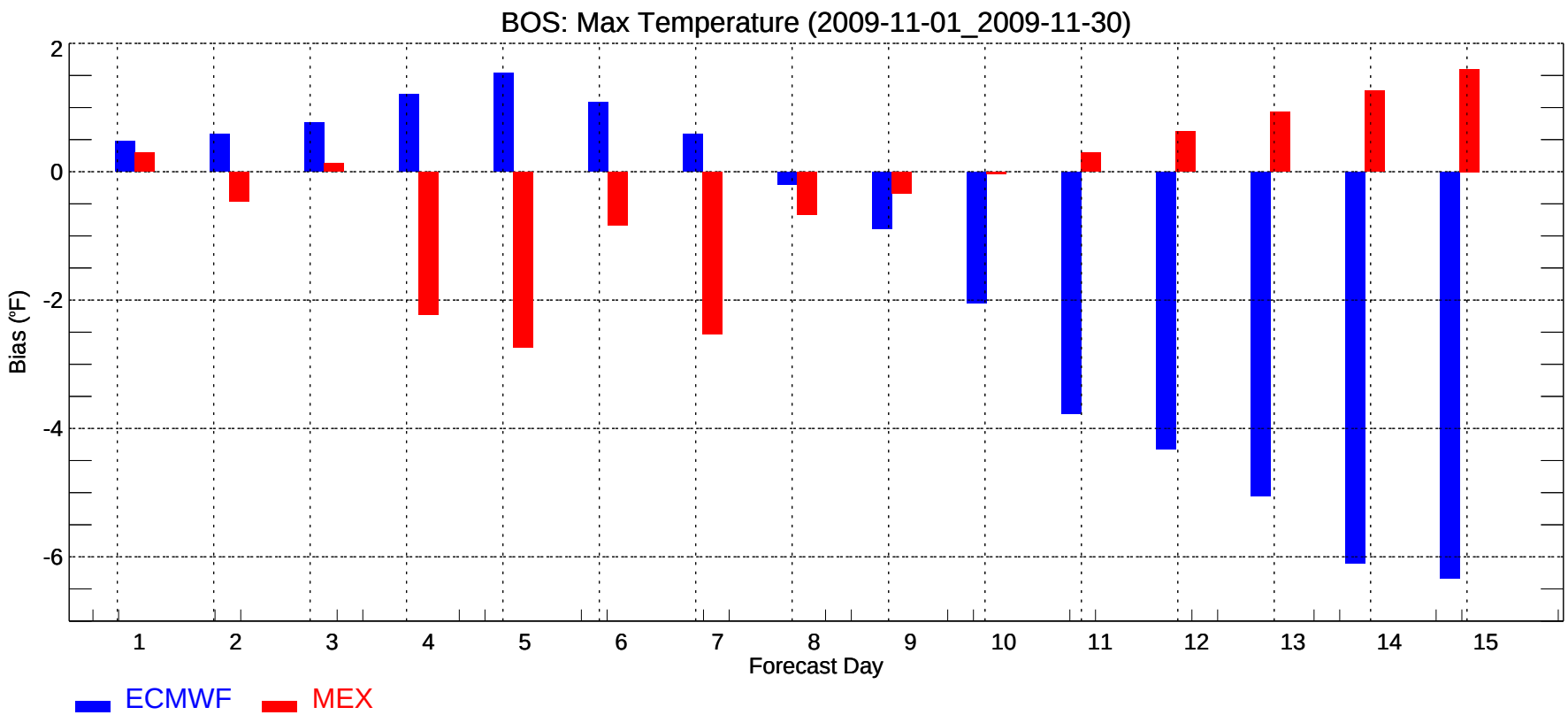
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BOS: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
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14
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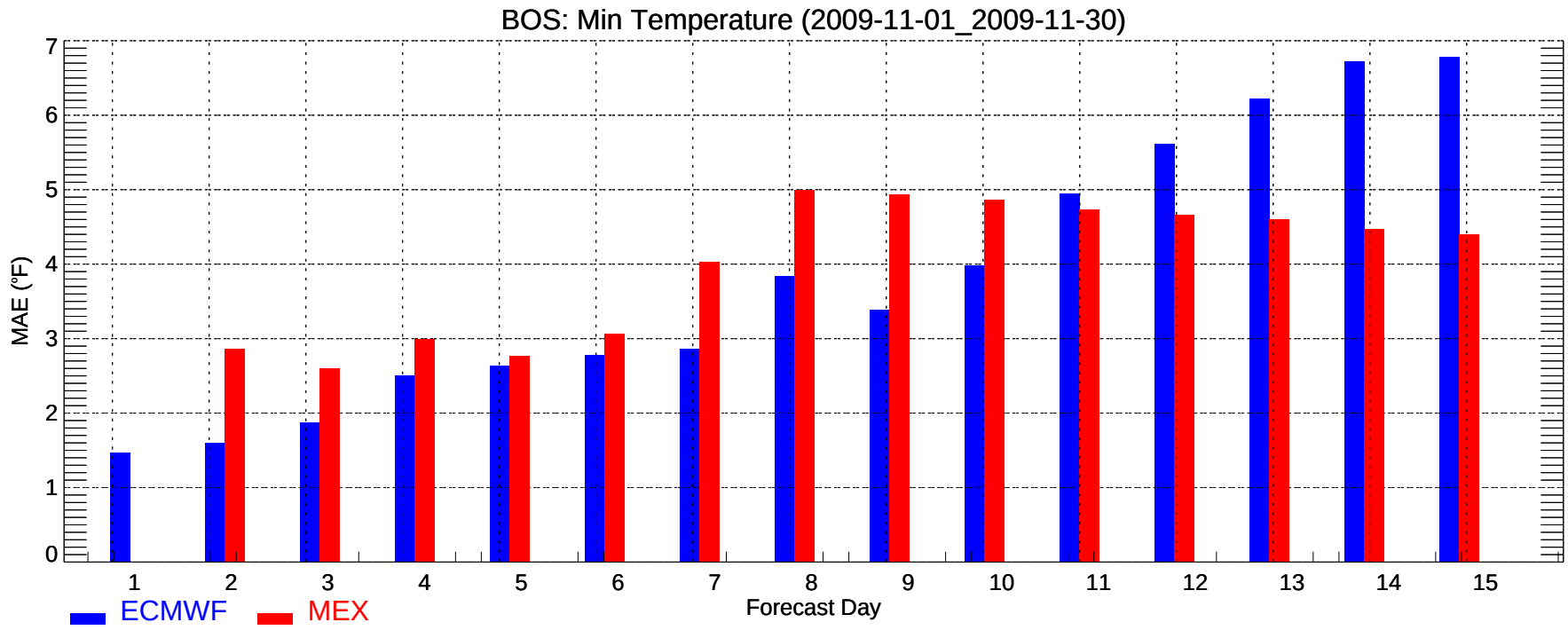
Forecast Day
ECMWF
MEX


BOS: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
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4
5
6
7
1
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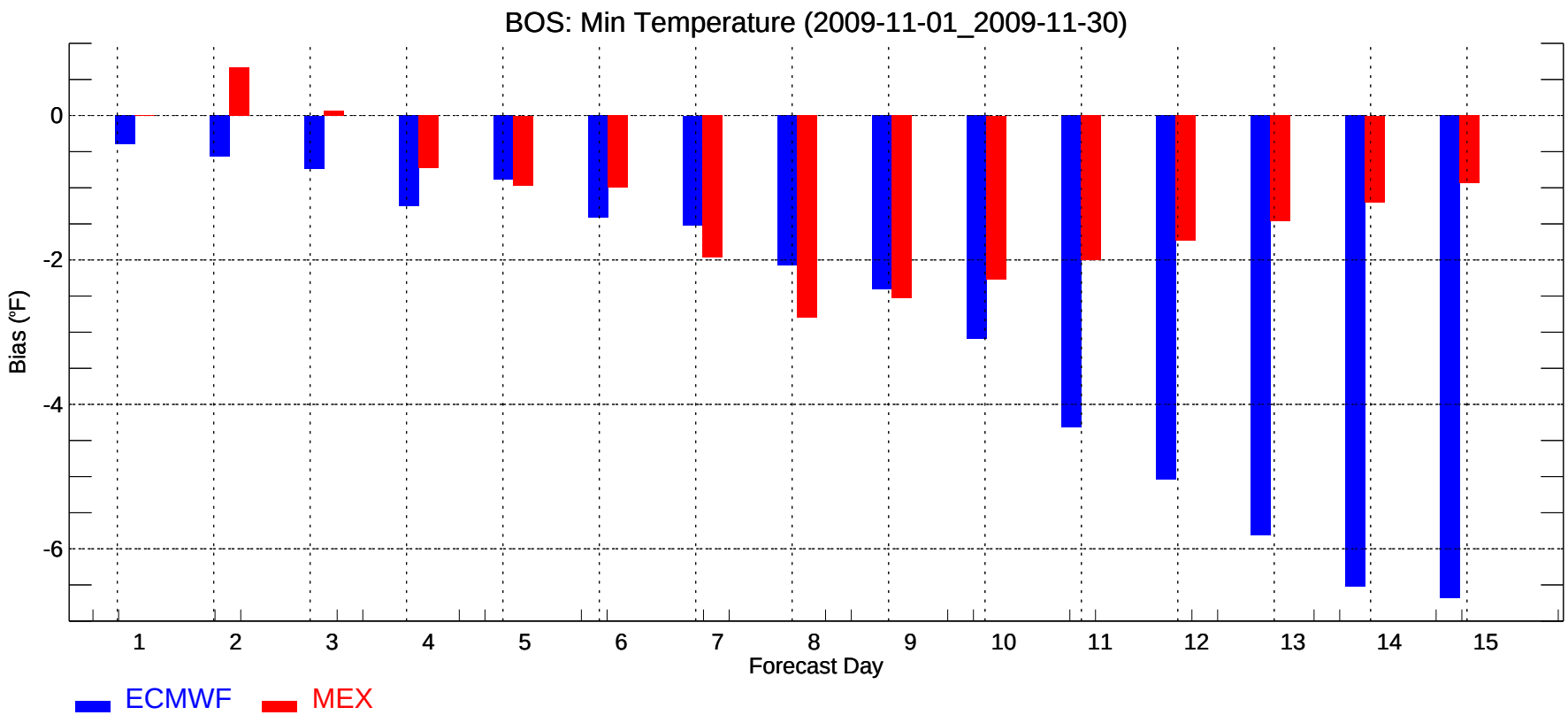
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BOS: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
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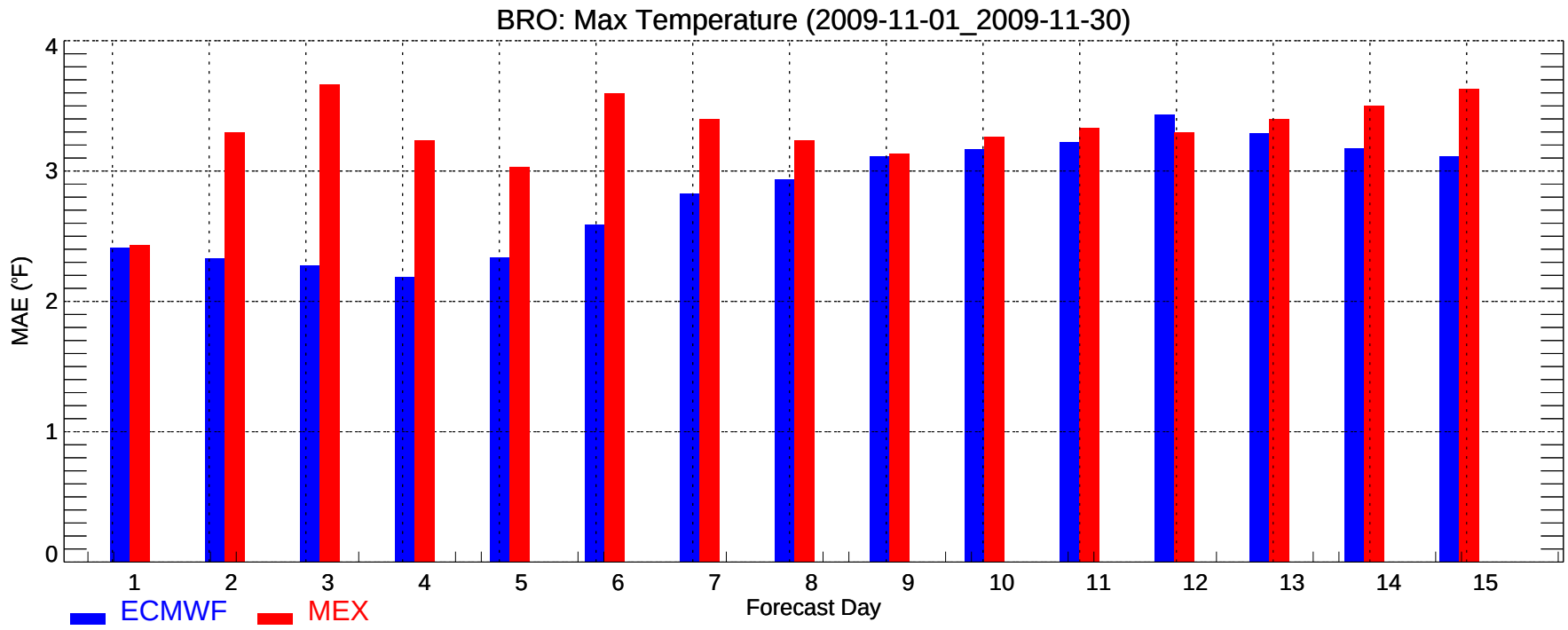
Forecast Day
ECMWF
MEX


BRO: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
1
2
3
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5
6
7
8
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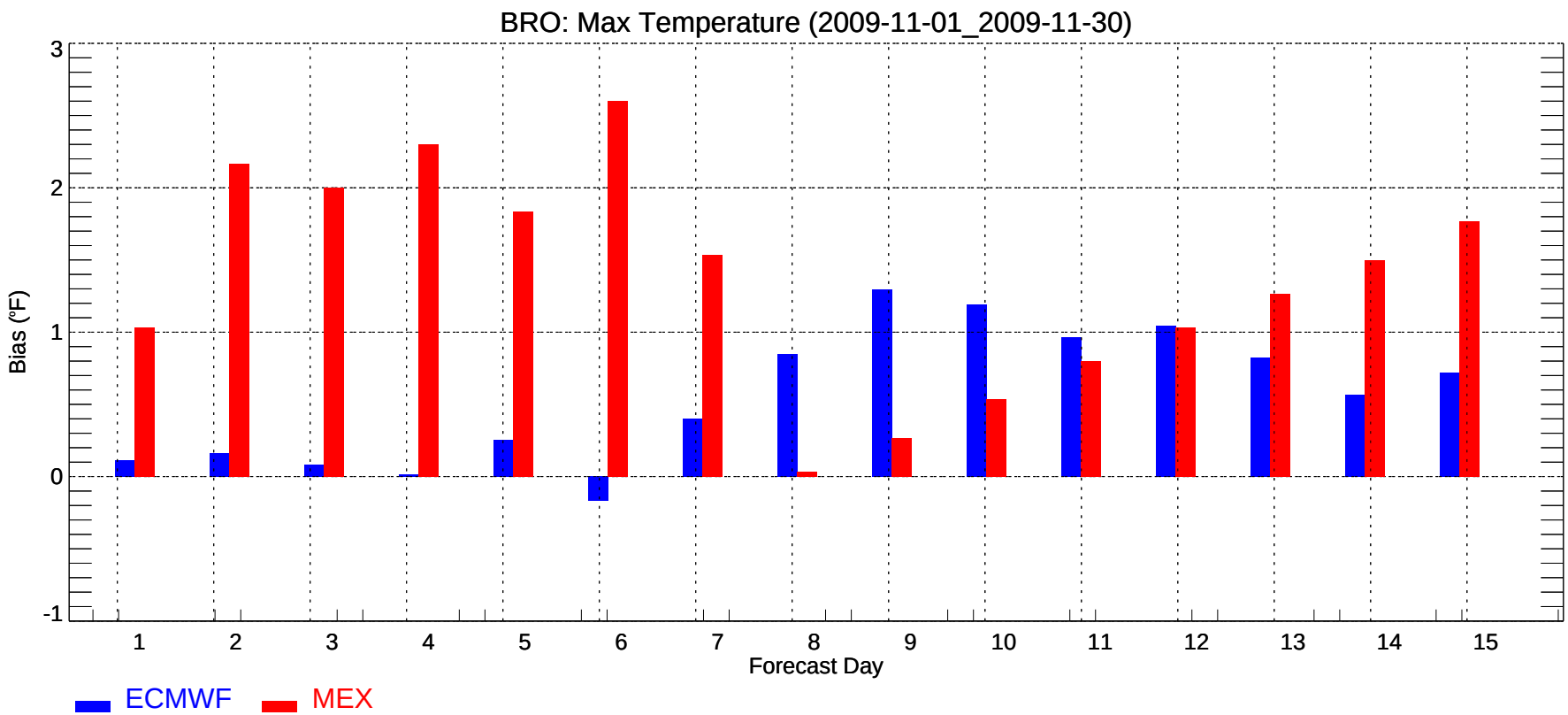
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BRO: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
1
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7
8
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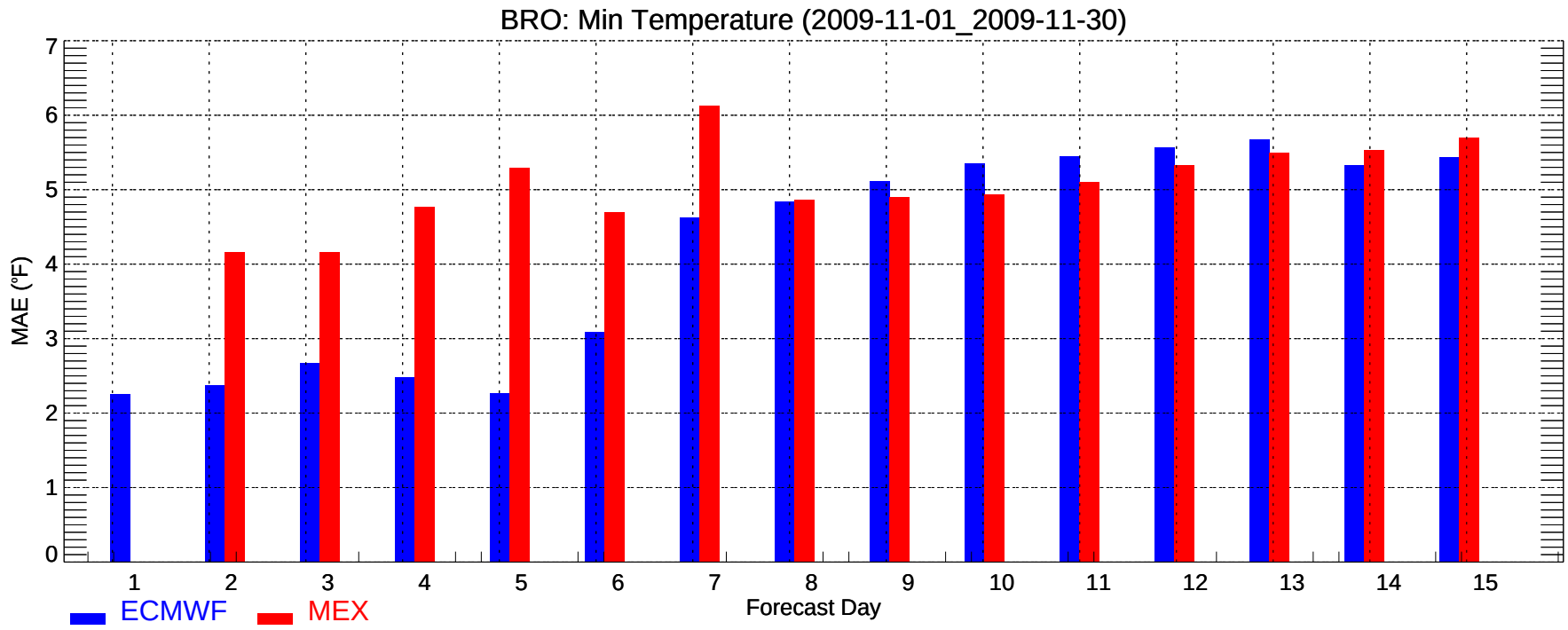
13
14
15
Forecast Day
ECMWF
MEX


BRO: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
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2
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8
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12
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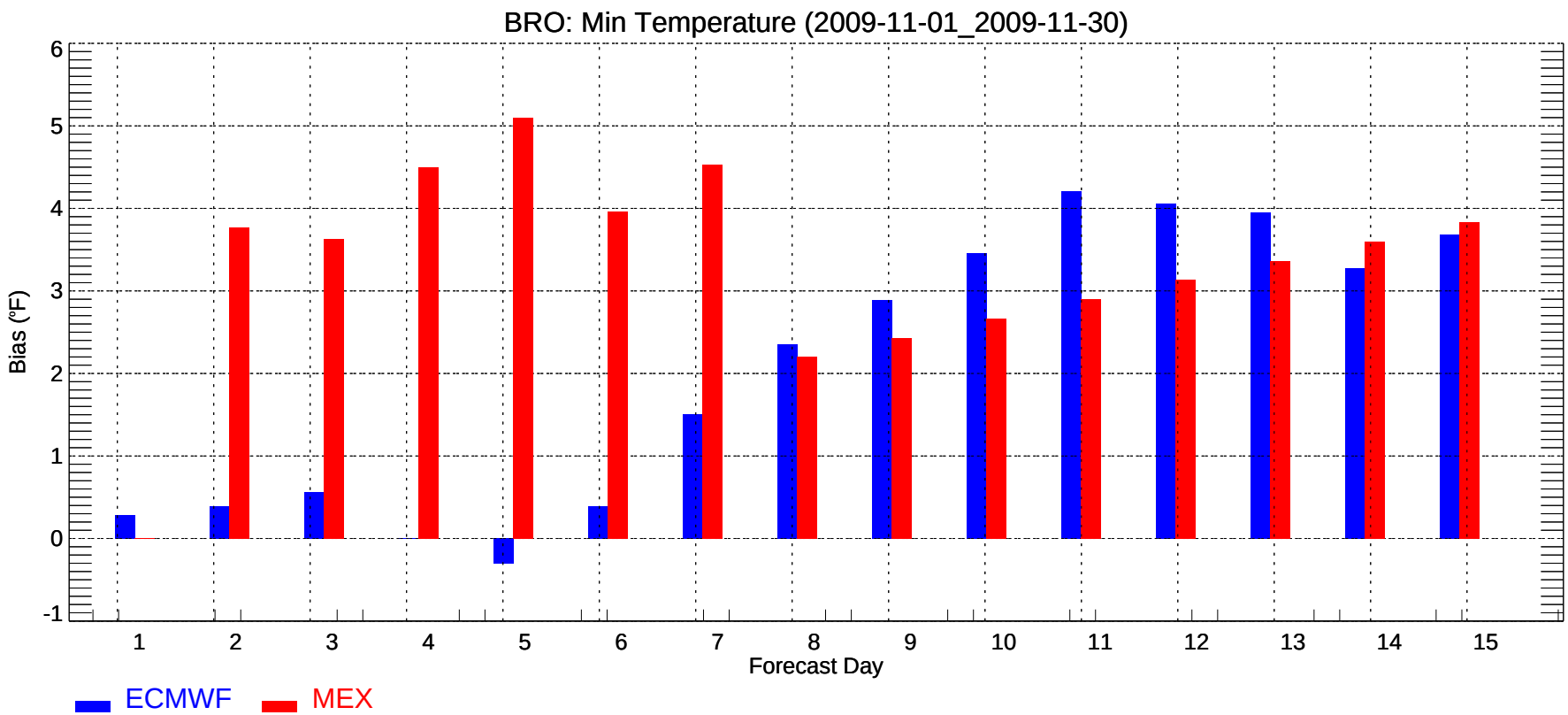
14
15
Forecast Day
ECMWF
MEX


BRO: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
5
6
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2
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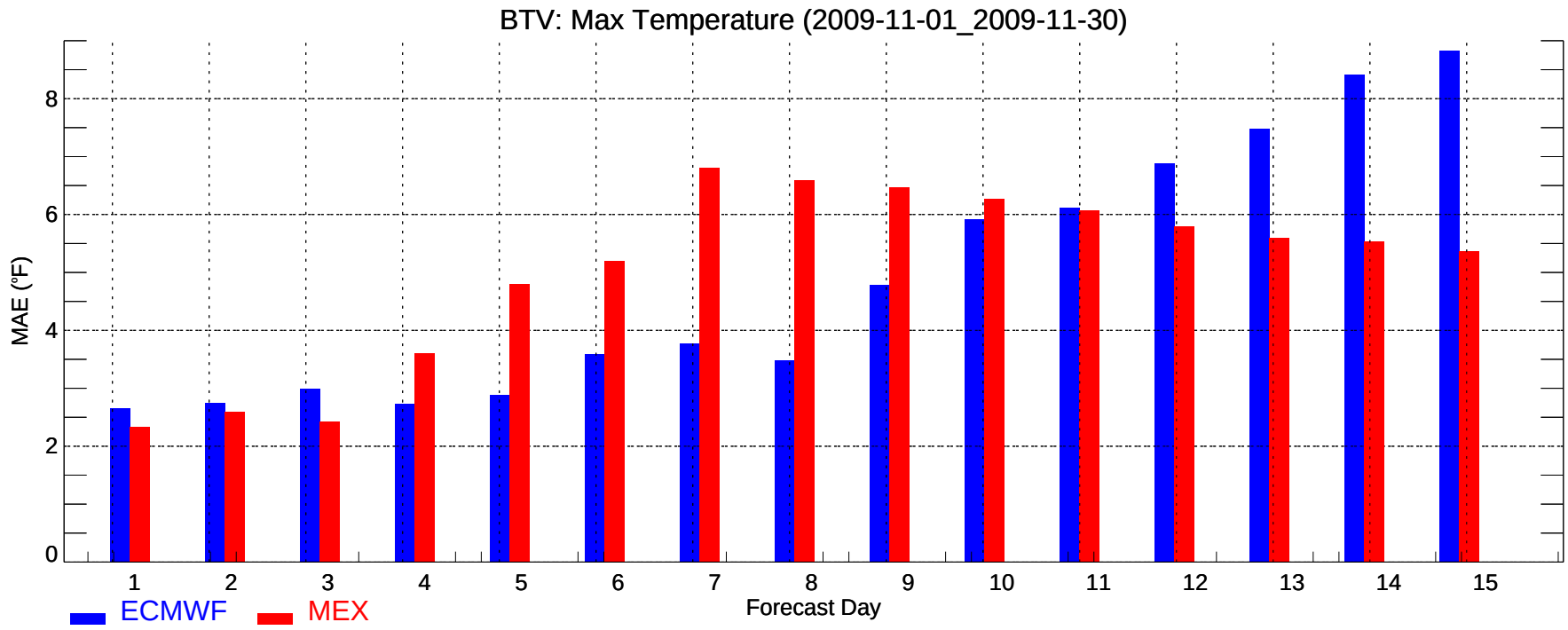
Forecast Day
ECMWF
MEX


BTV: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
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13
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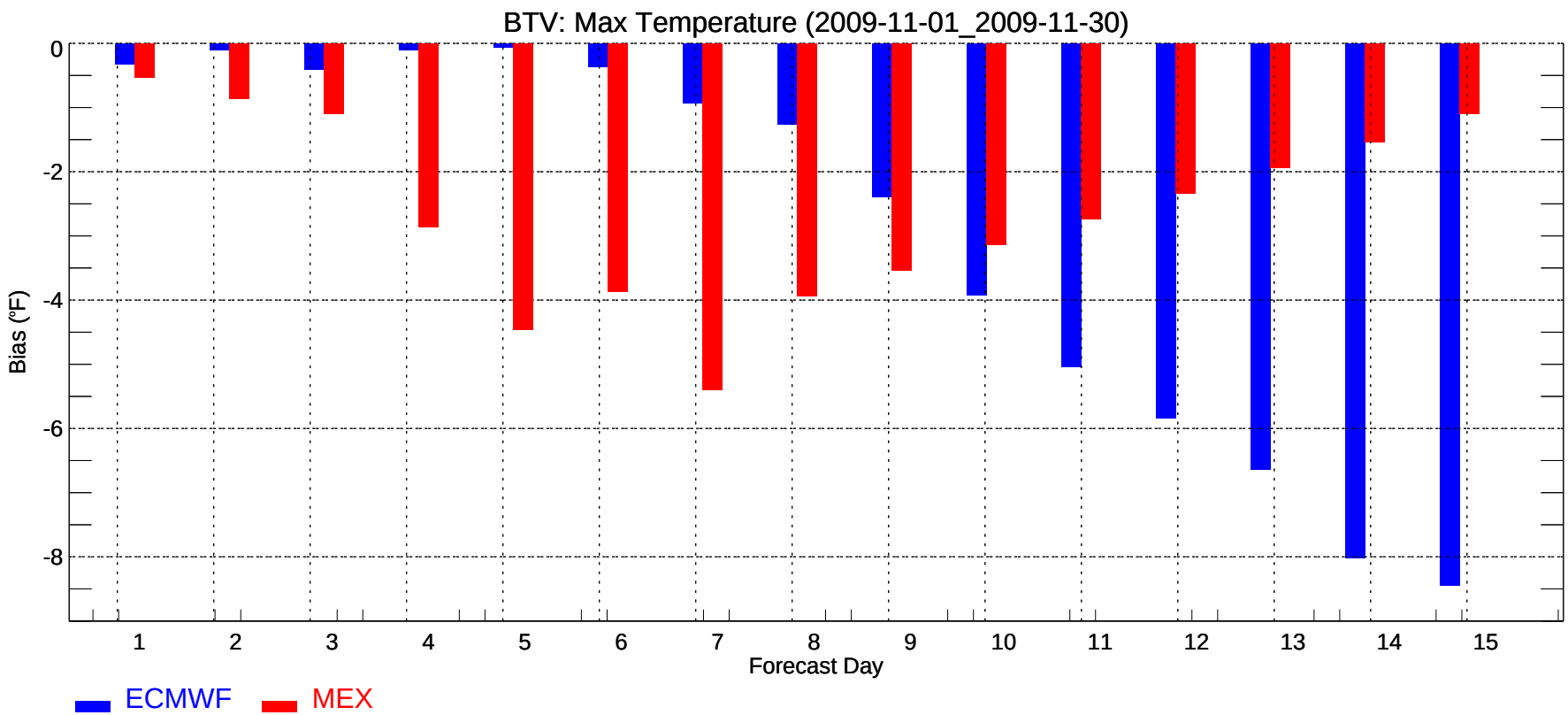
Forecast Day
ECMWF
MEX


BTV: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
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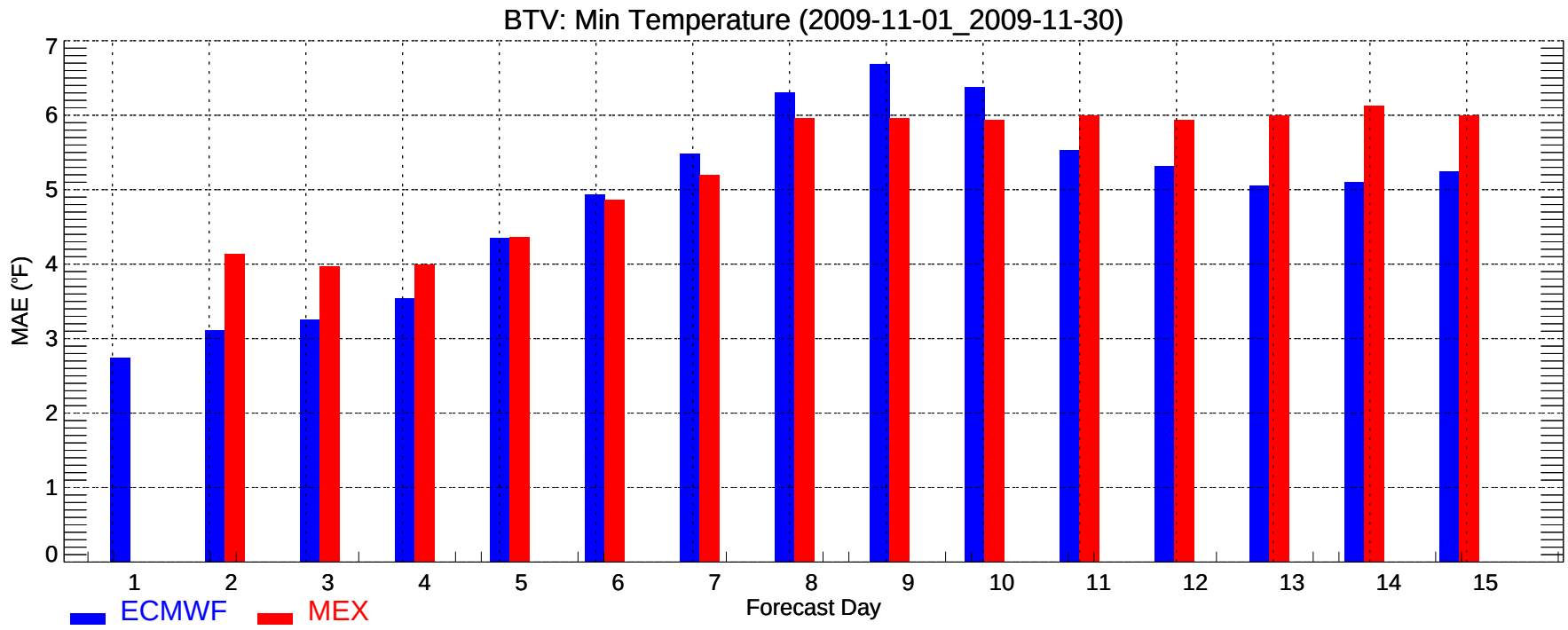
Forecast Day
ECMWF
MEX


BTV: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
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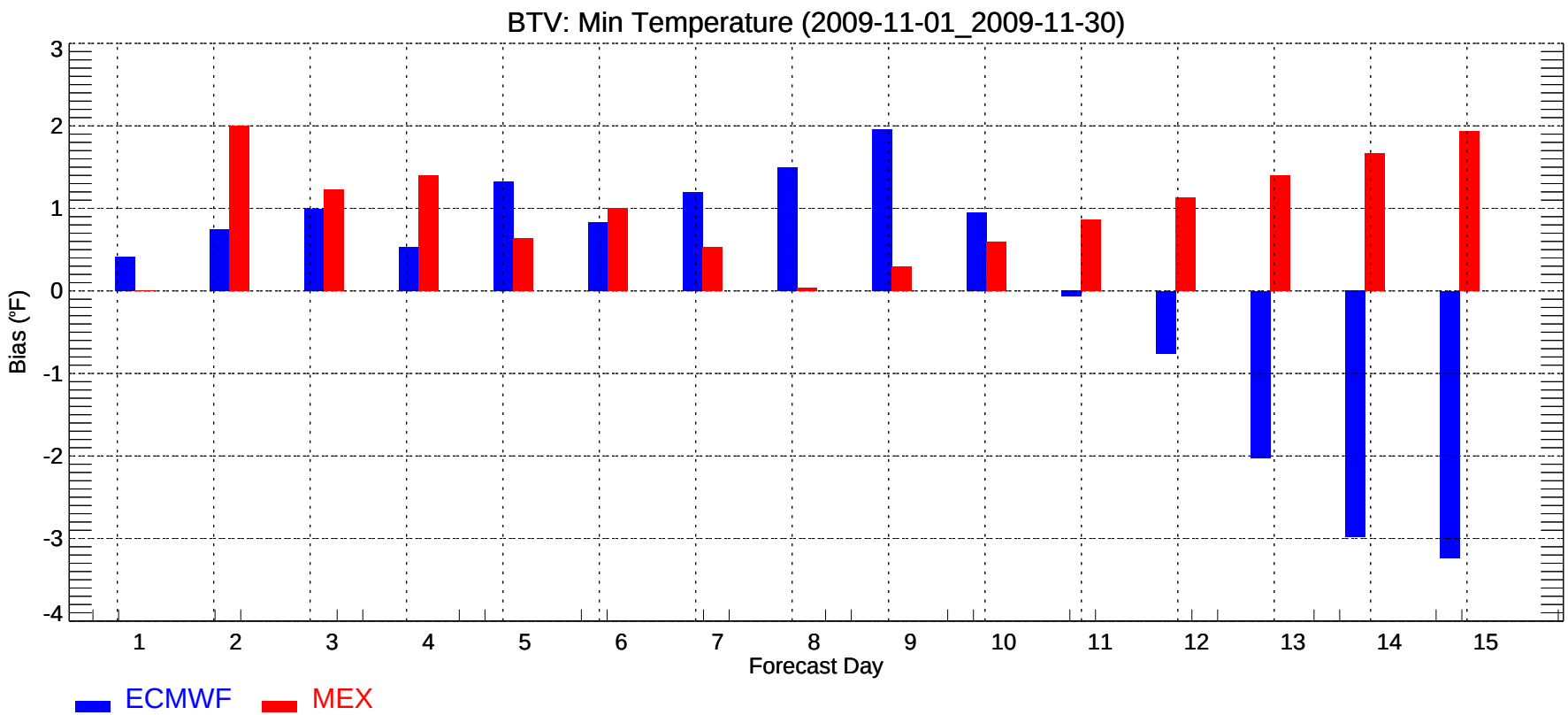
Forecast Day
ECMWF
MEX


BTV: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
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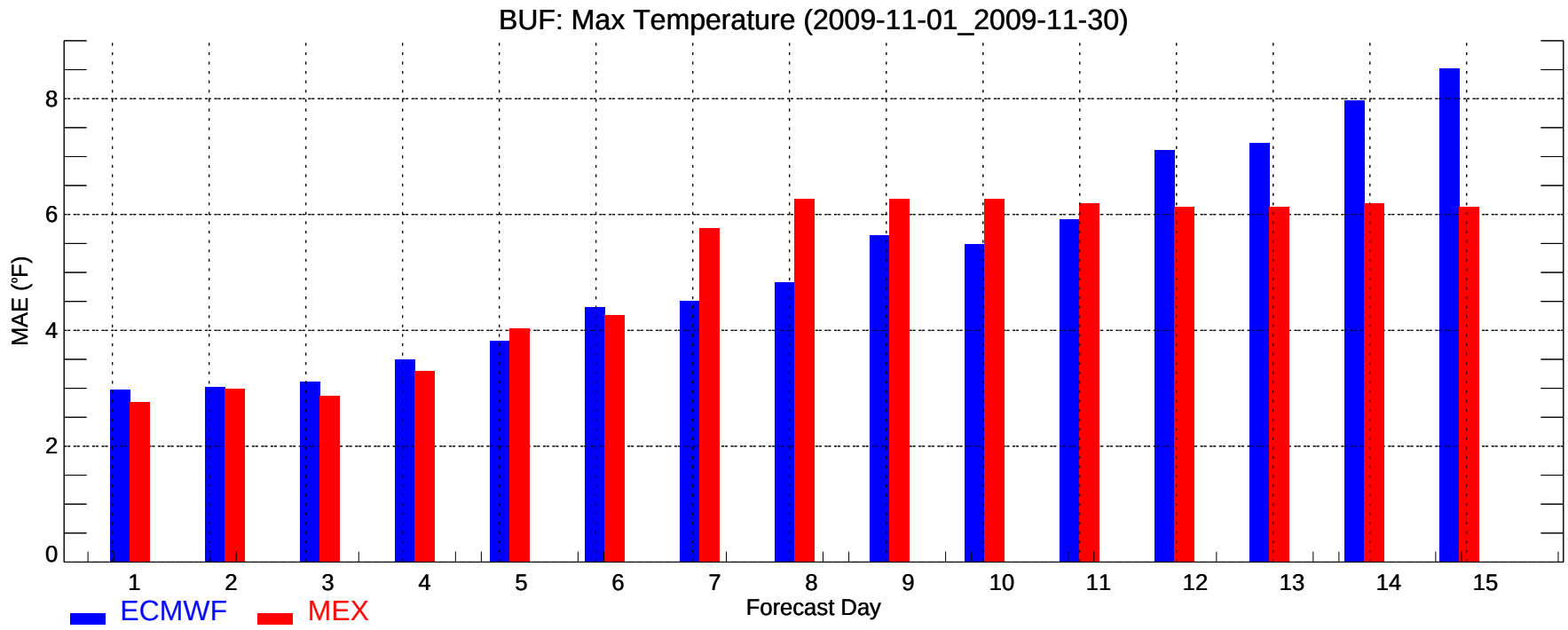
Forecast Day
ECMWF
MEX


BUF: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
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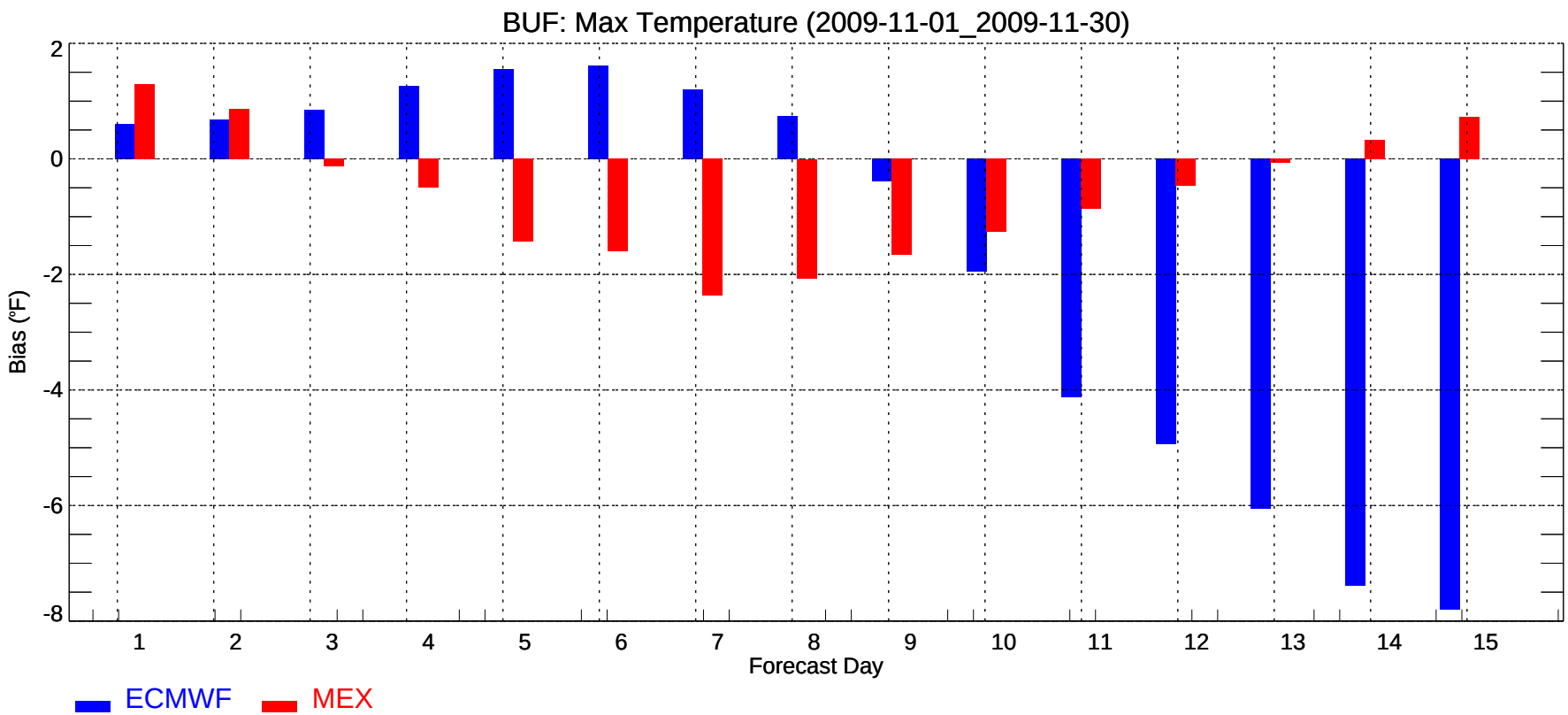
Forecast Day
ECMWF
MEX


BUF: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
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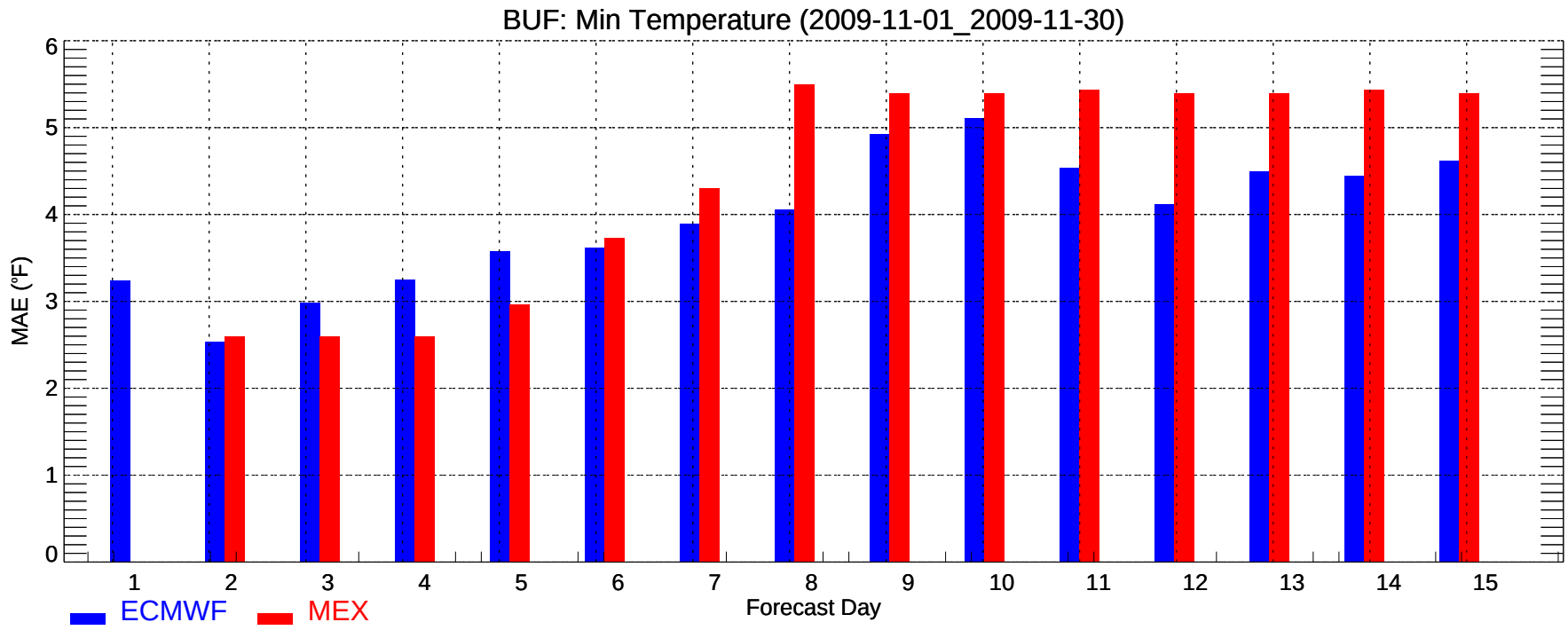
Forecast Day
ECMWF
MEX


BUF: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
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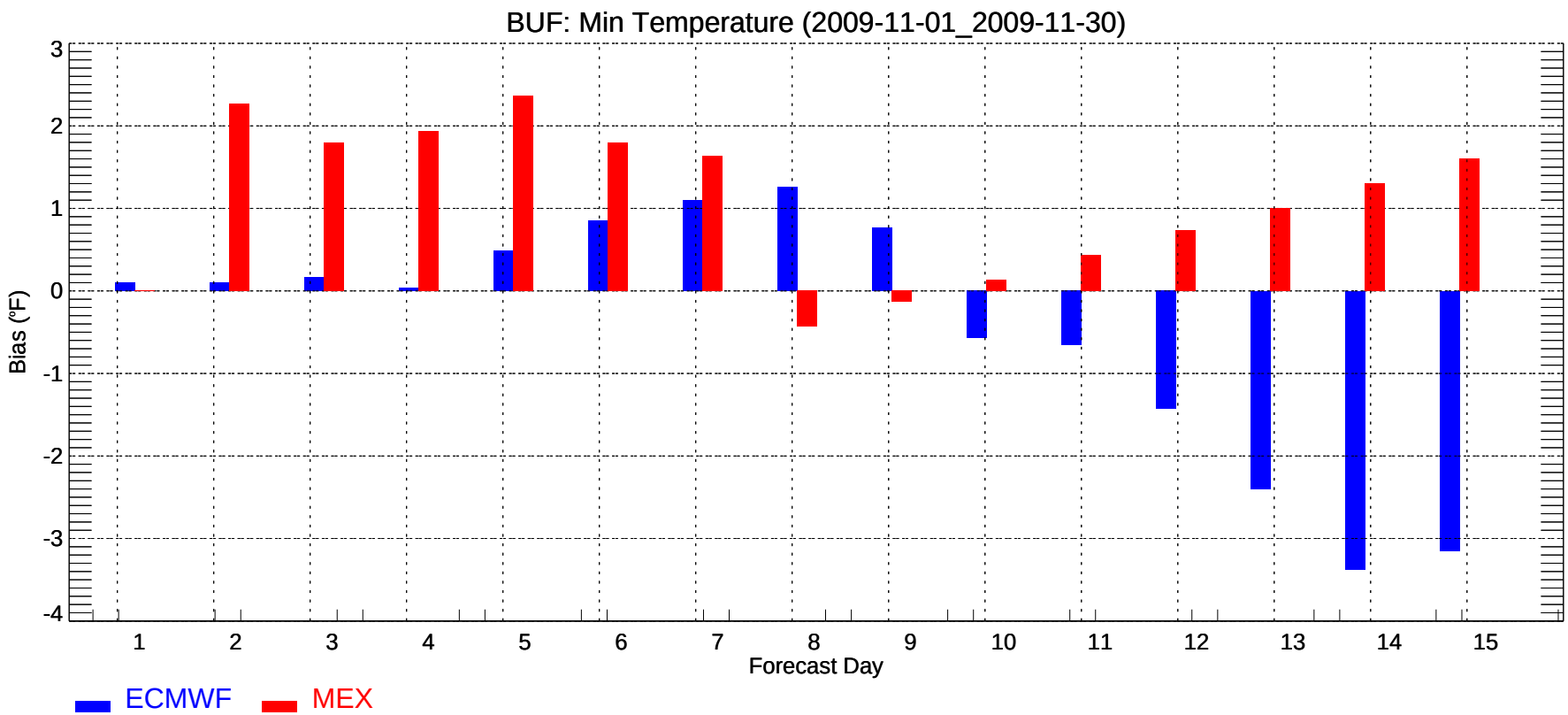
Forecast Day
ECMWF
MEX


BUF: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
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-1
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-4
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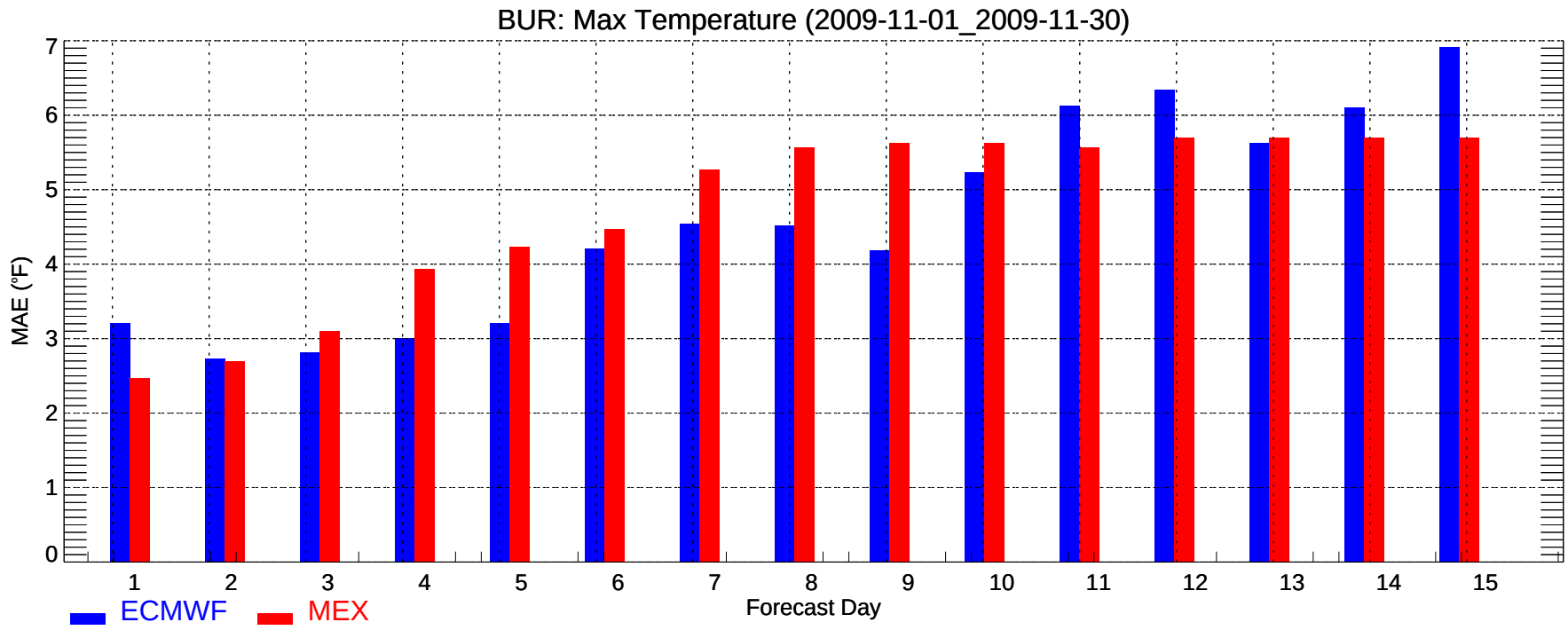
Forecast Day
ECMWF
MEX


BUR: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
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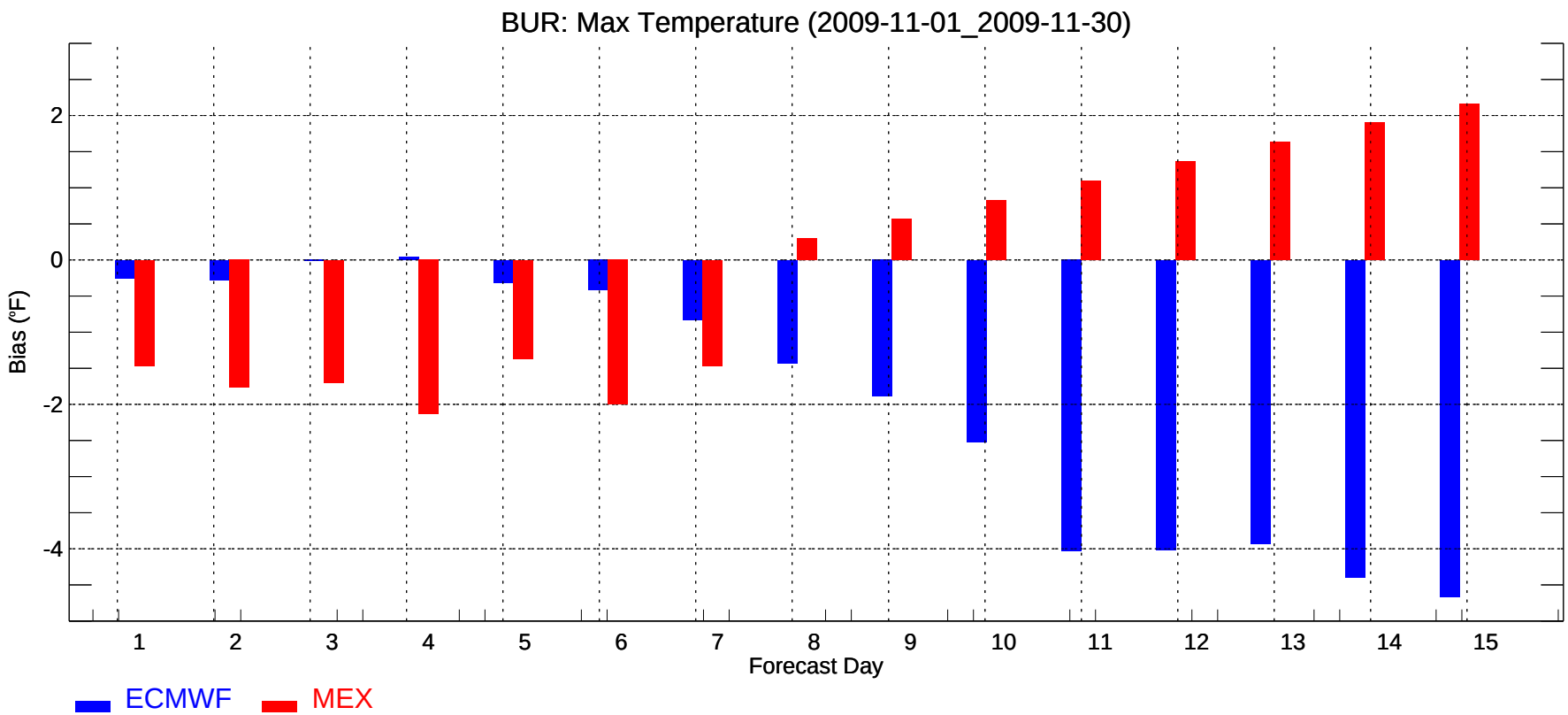
Forecast Day
ECMWF
MEX


BUR: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
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-2
-4
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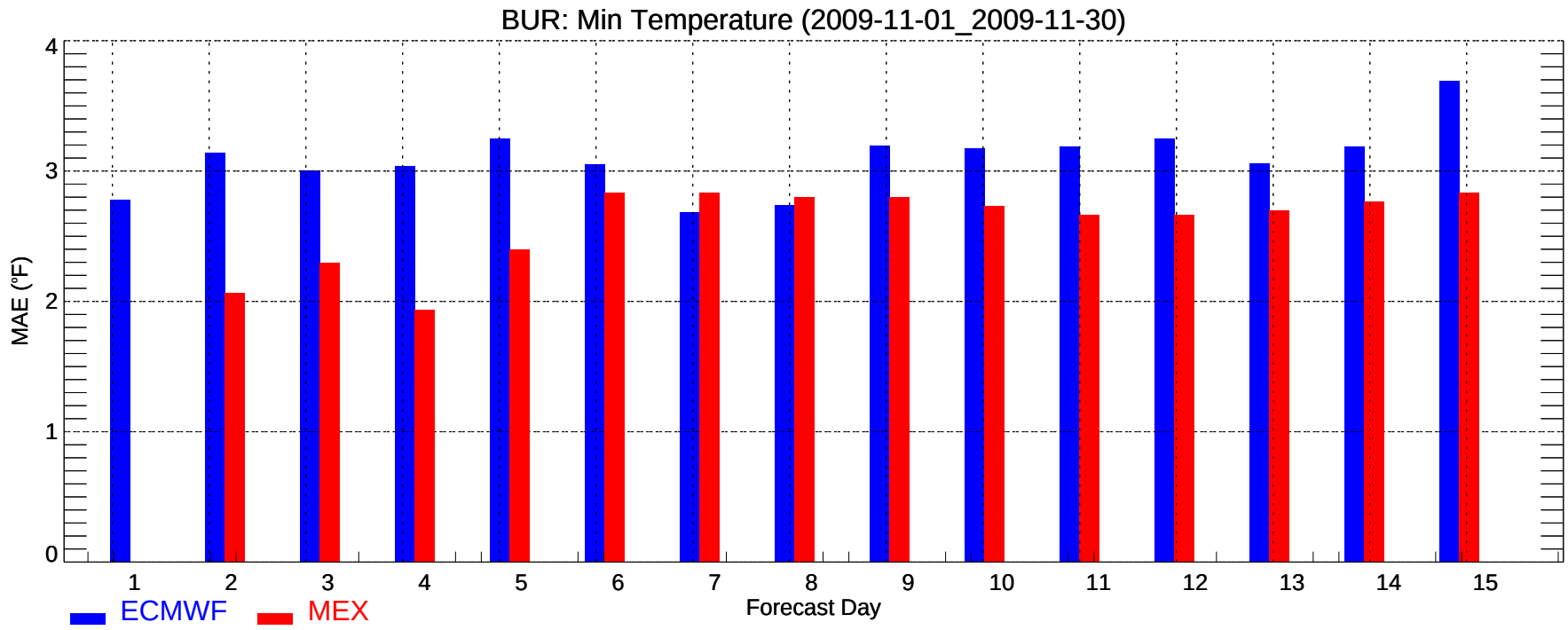
Forecast Day
ECMWF
MEX


BUR: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
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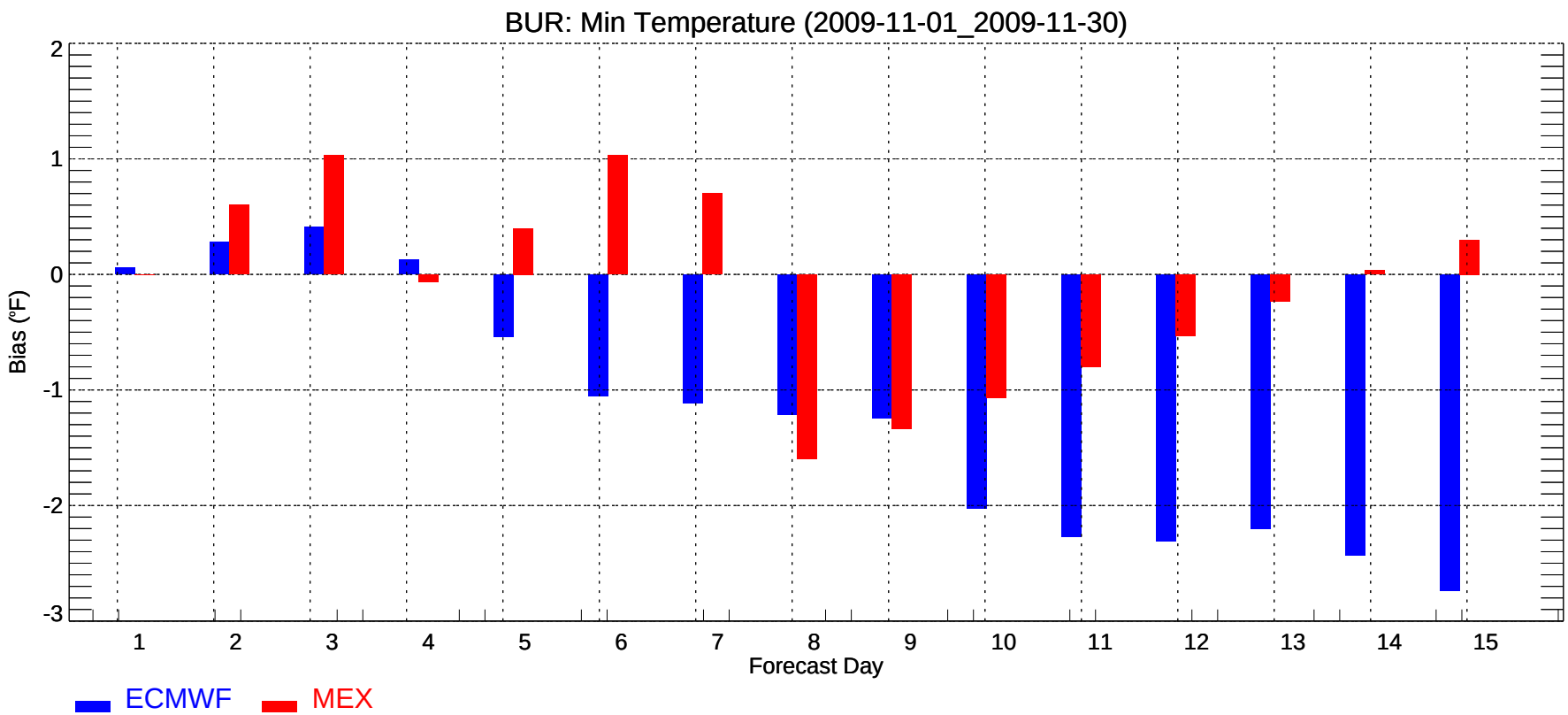
Forecast Day
ECMWF
MEX


BUR: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
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-2
-3
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2
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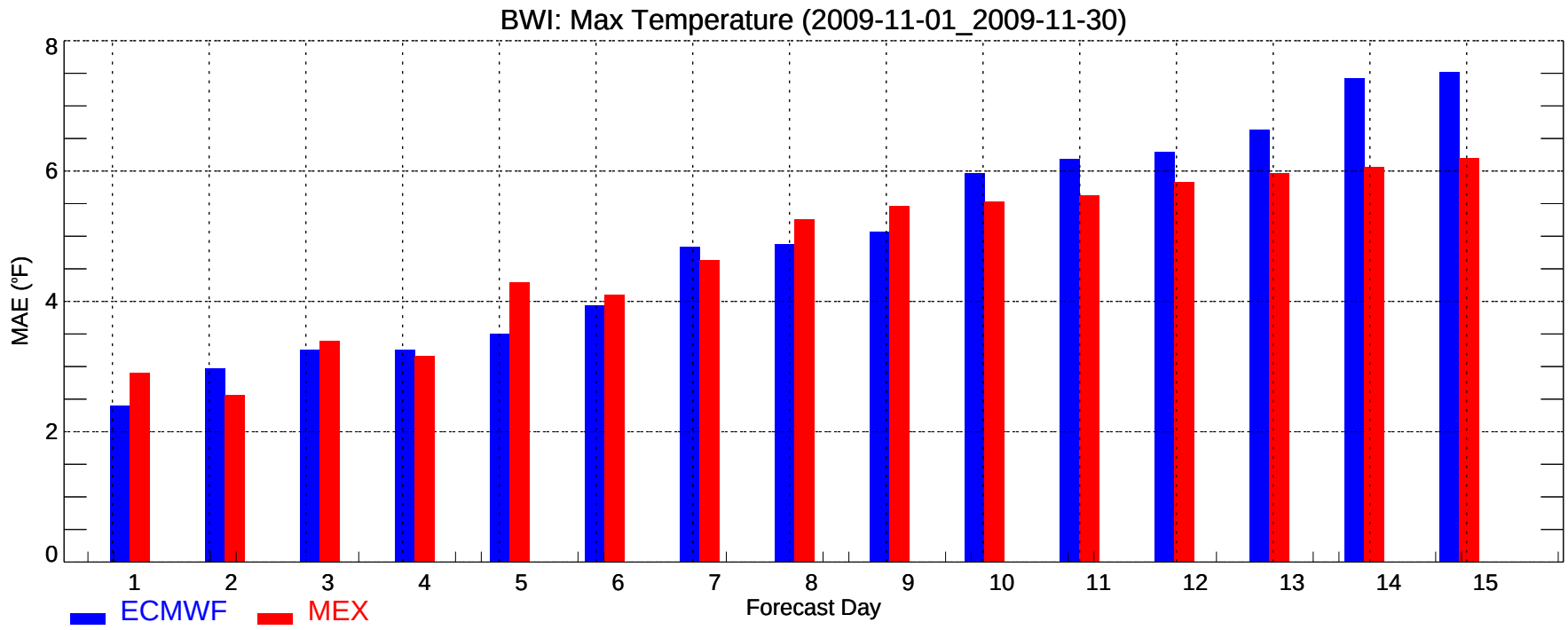
Forecast Day
ECMWF
MEX


BWI: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
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8
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14
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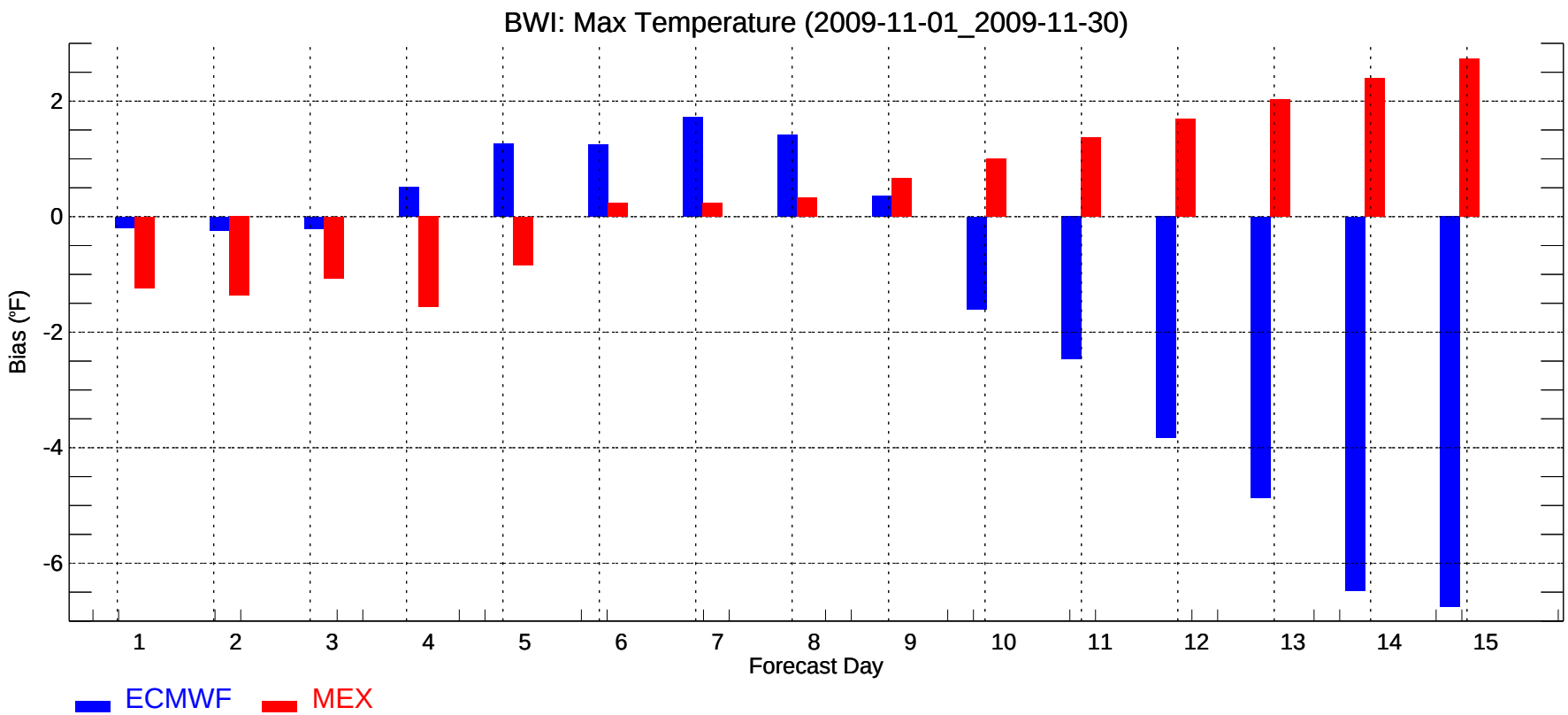
Forecast Day
ECMWF
MEX


BWI: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
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2
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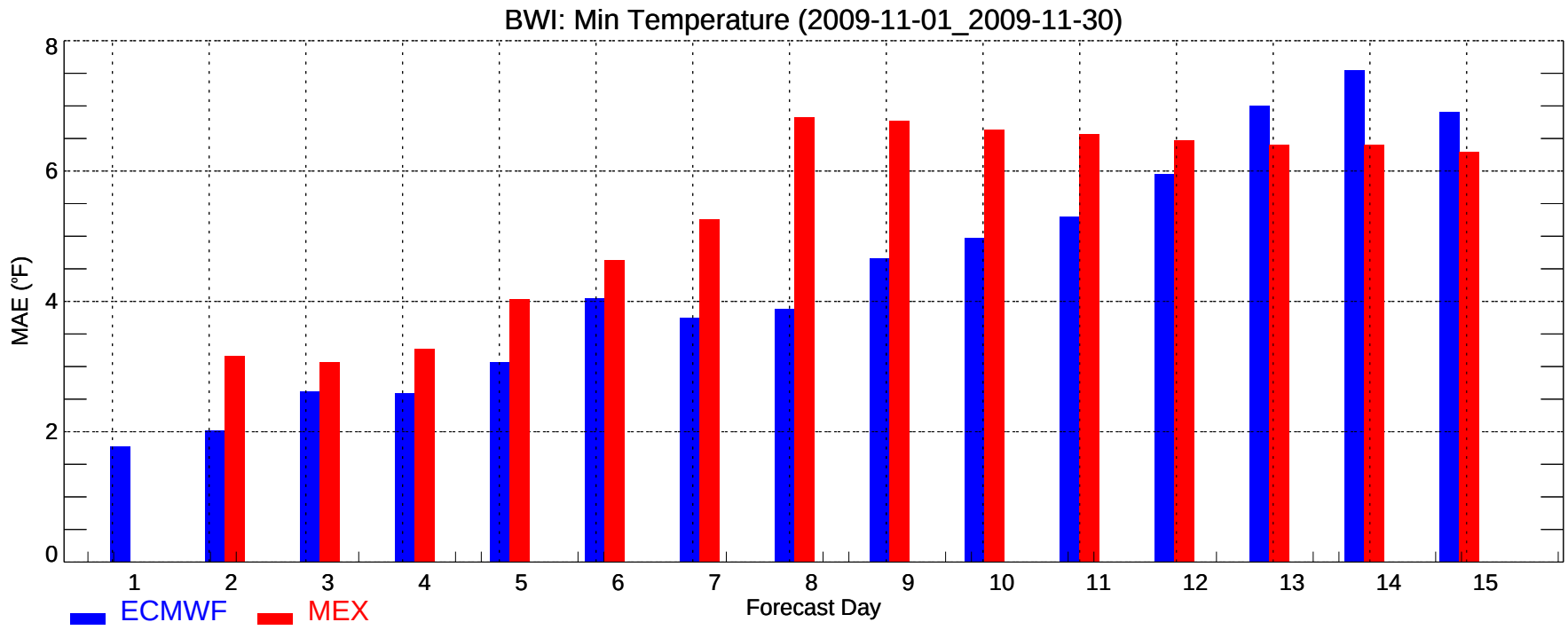
Forecast Day
ECMWF
MEX


BWI: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
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8
1
2
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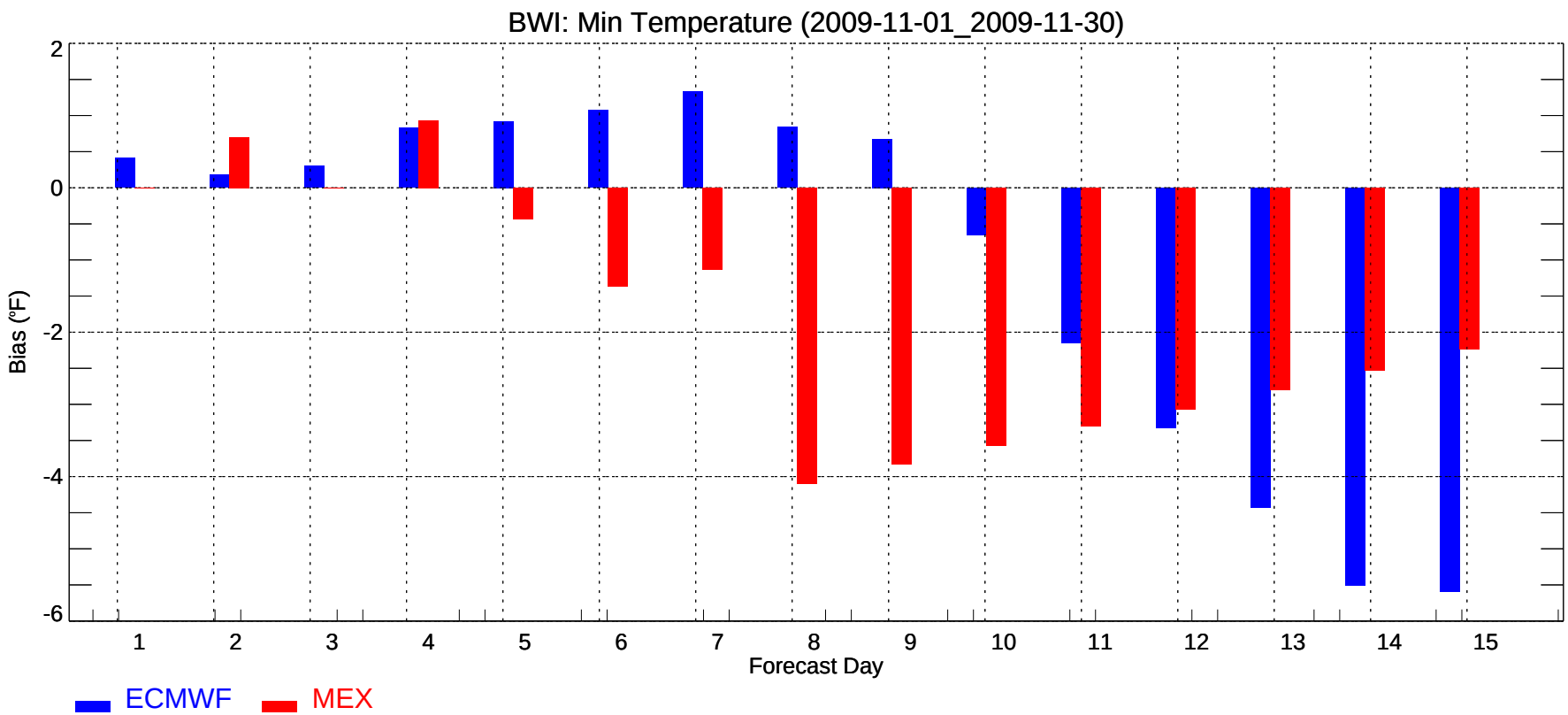
Forecast Day
ECMWF
MEX


BWI: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
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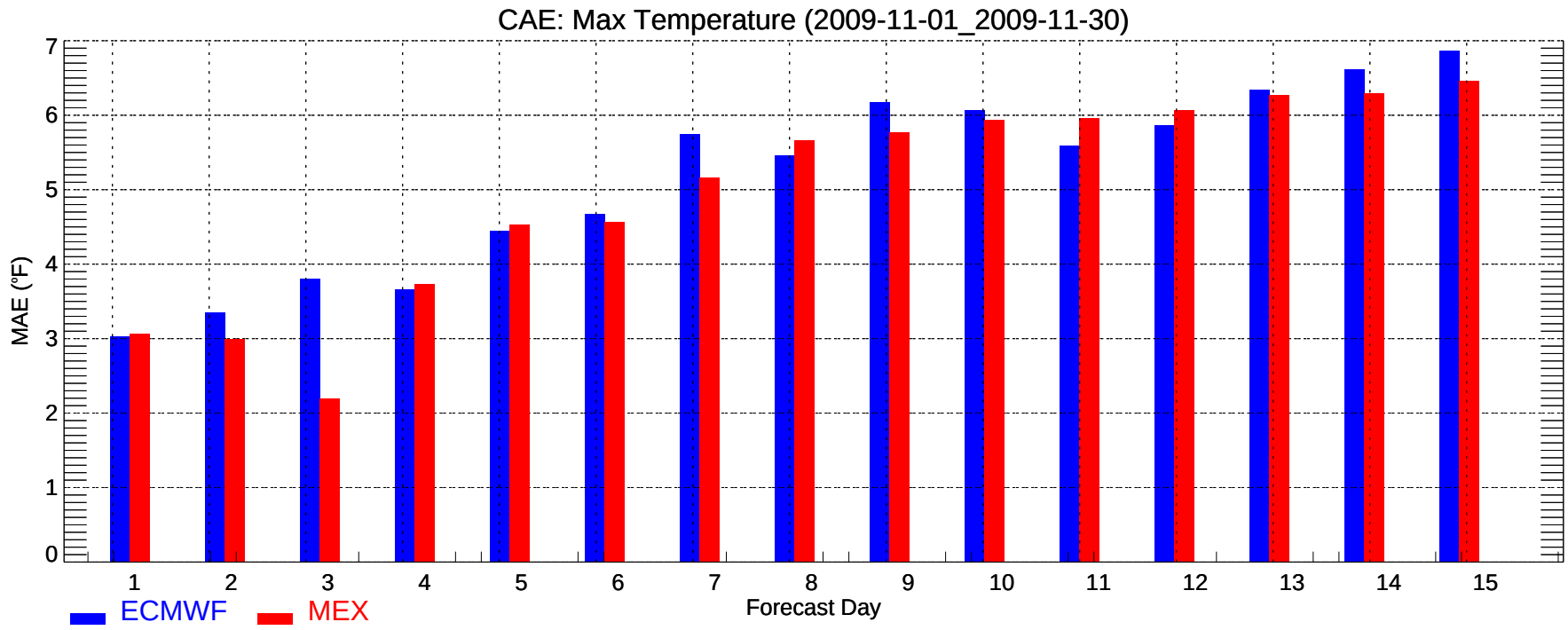
Forecast Day
ECMWF
MEX


CAE: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
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1
2
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6
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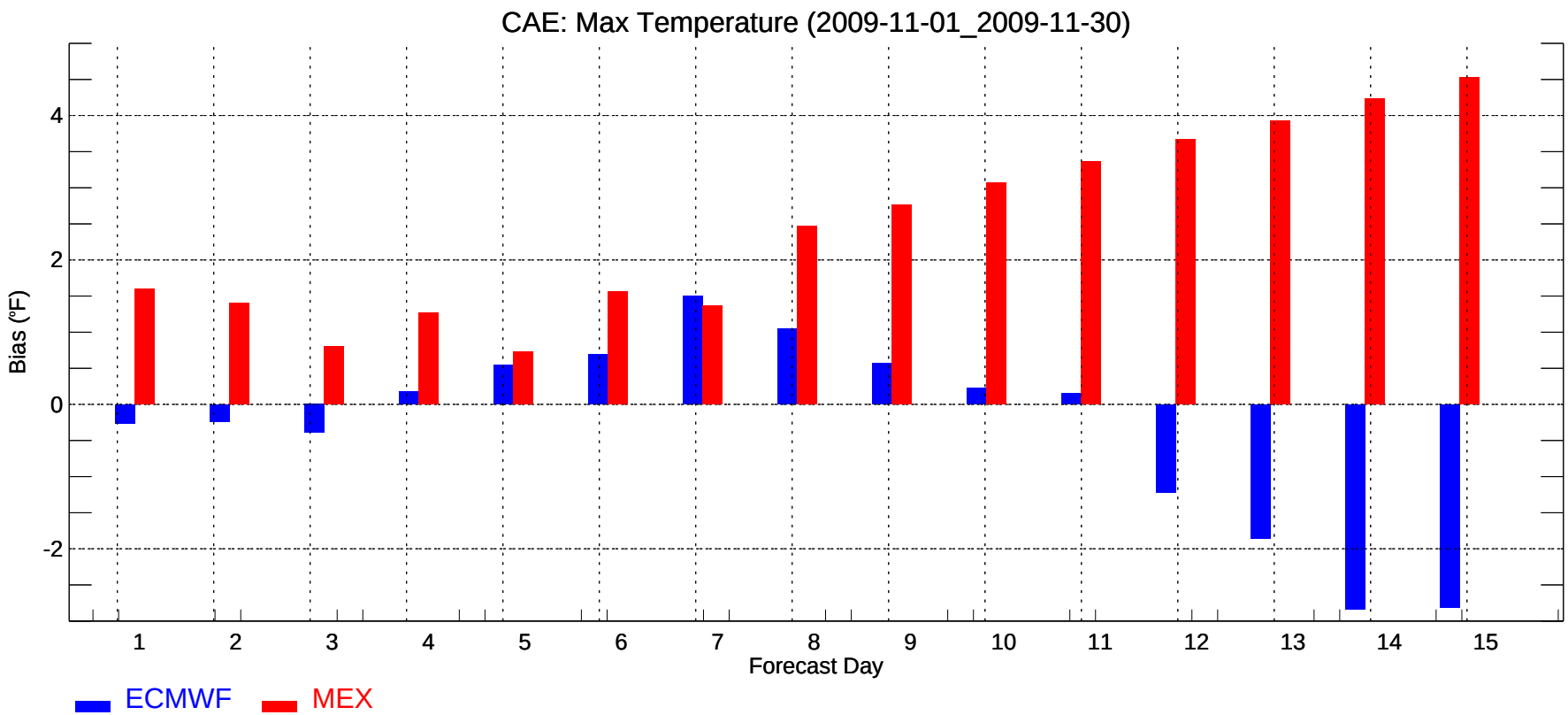
Forecast Day
ECMWF
MEX


CAE: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
0
2
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2
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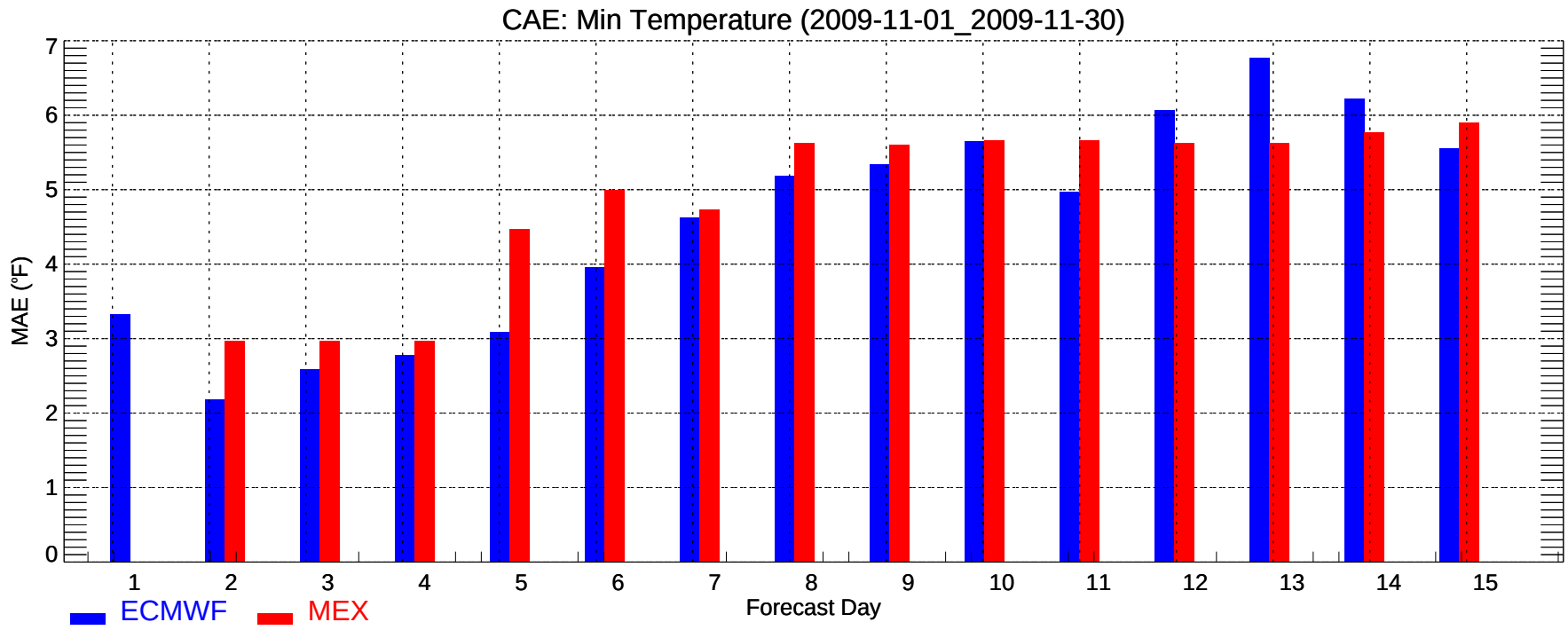
Forecast Day
ECMWF
MEX


CAE: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
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5
6
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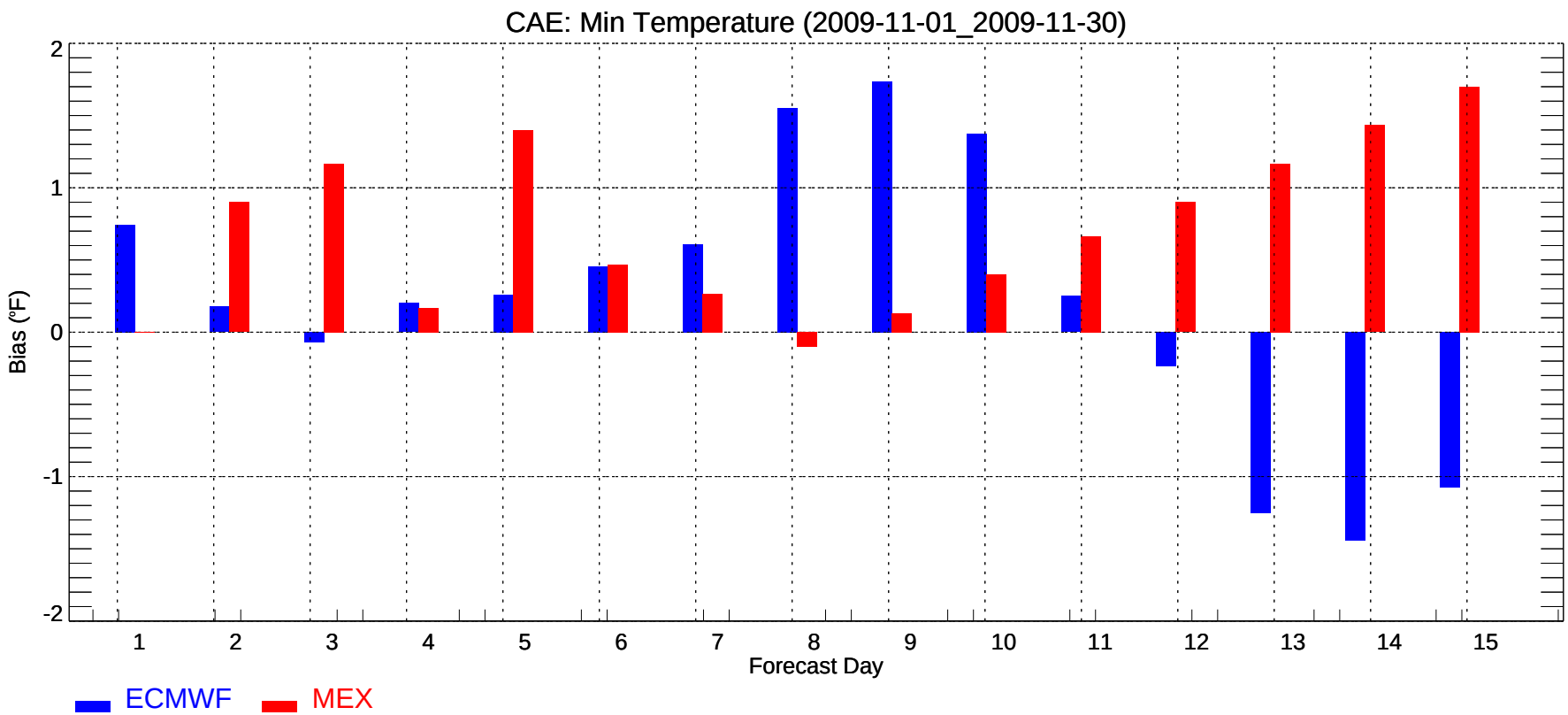
Forecast Day
ECMWF
MEX


CAE: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
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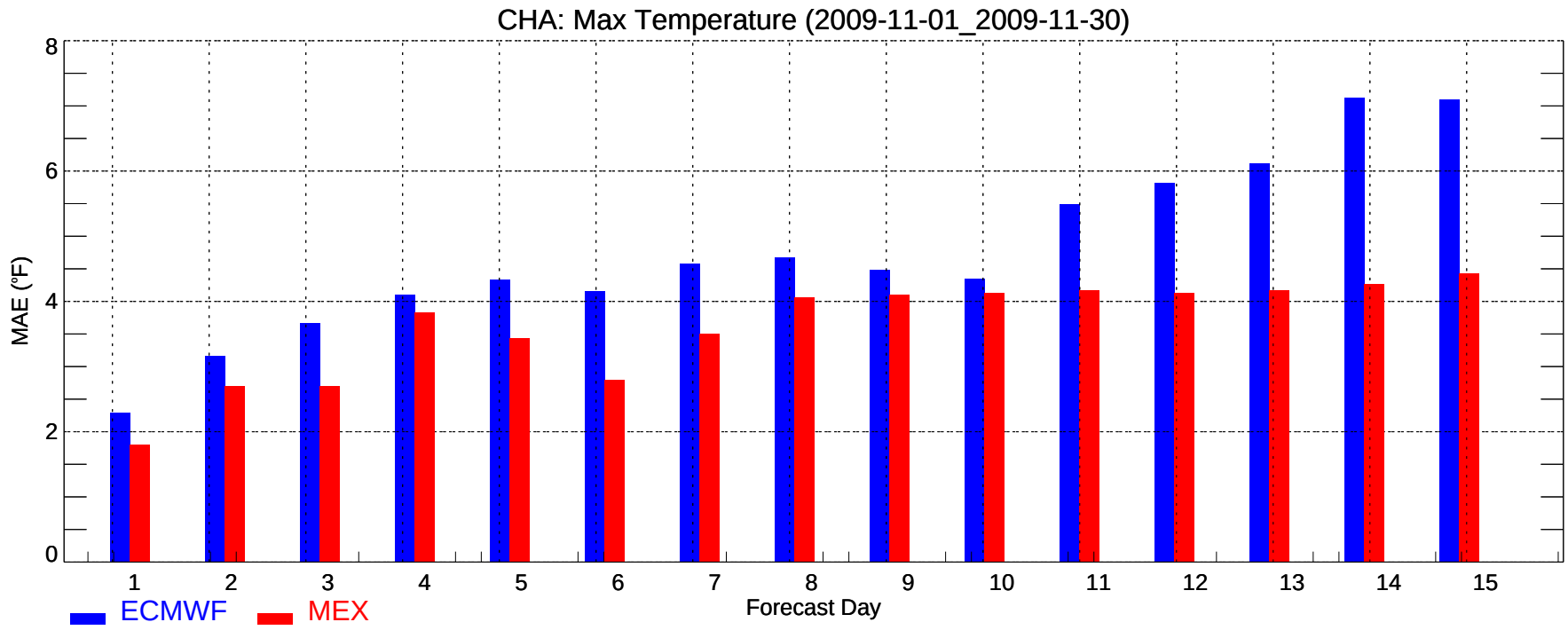
Forecast Day
ECMWF
MEX


CHA: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
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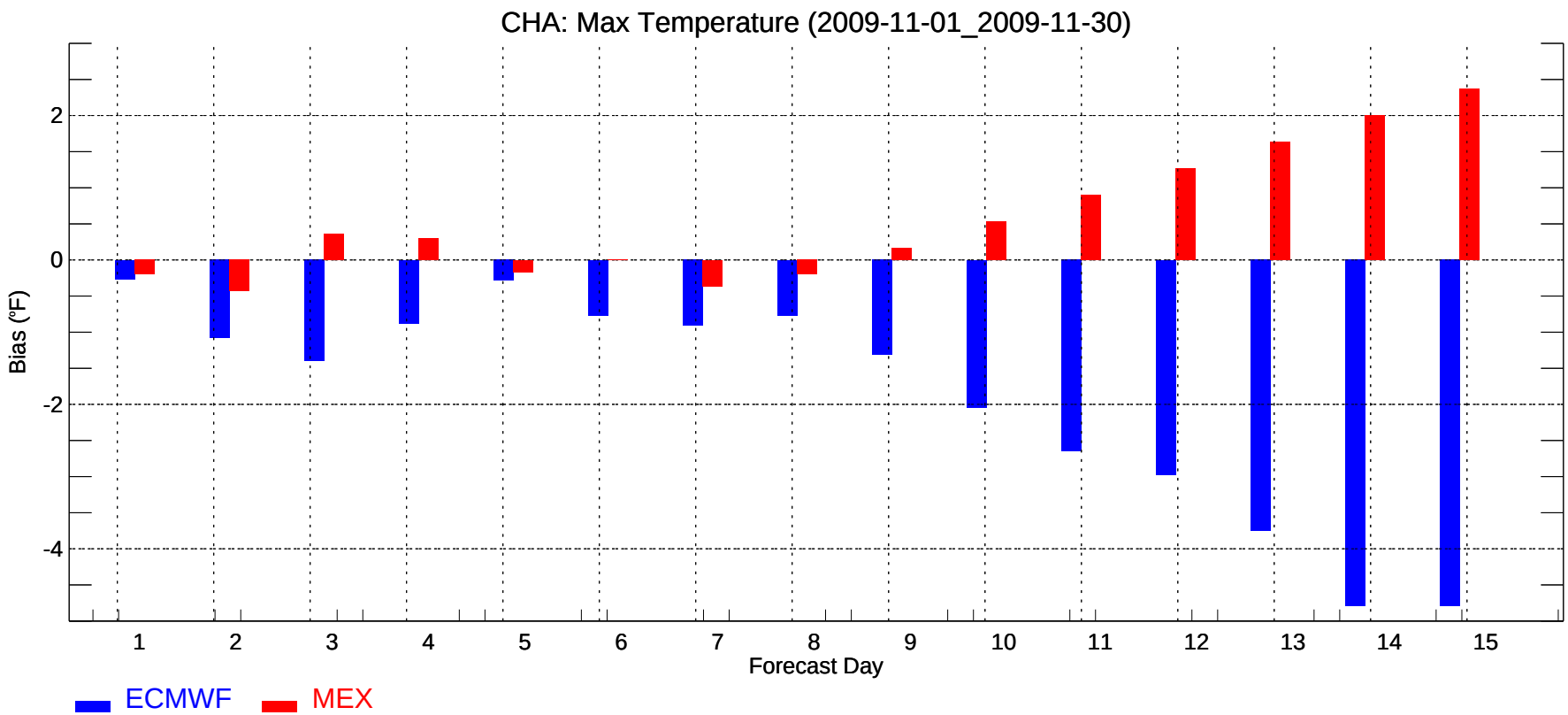
Forecast Day
ECMWF
MEX


CHA: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
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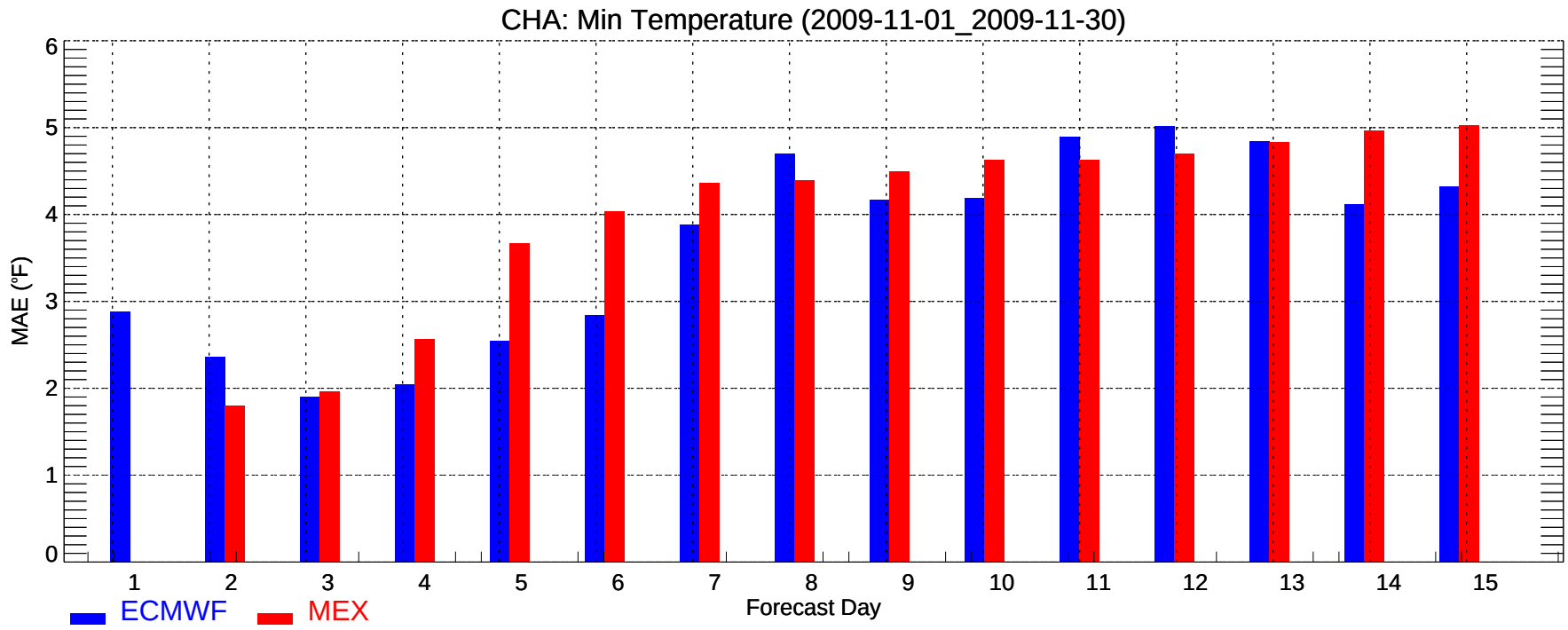
Forecast Day
ECMWF
MEX


CHA: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
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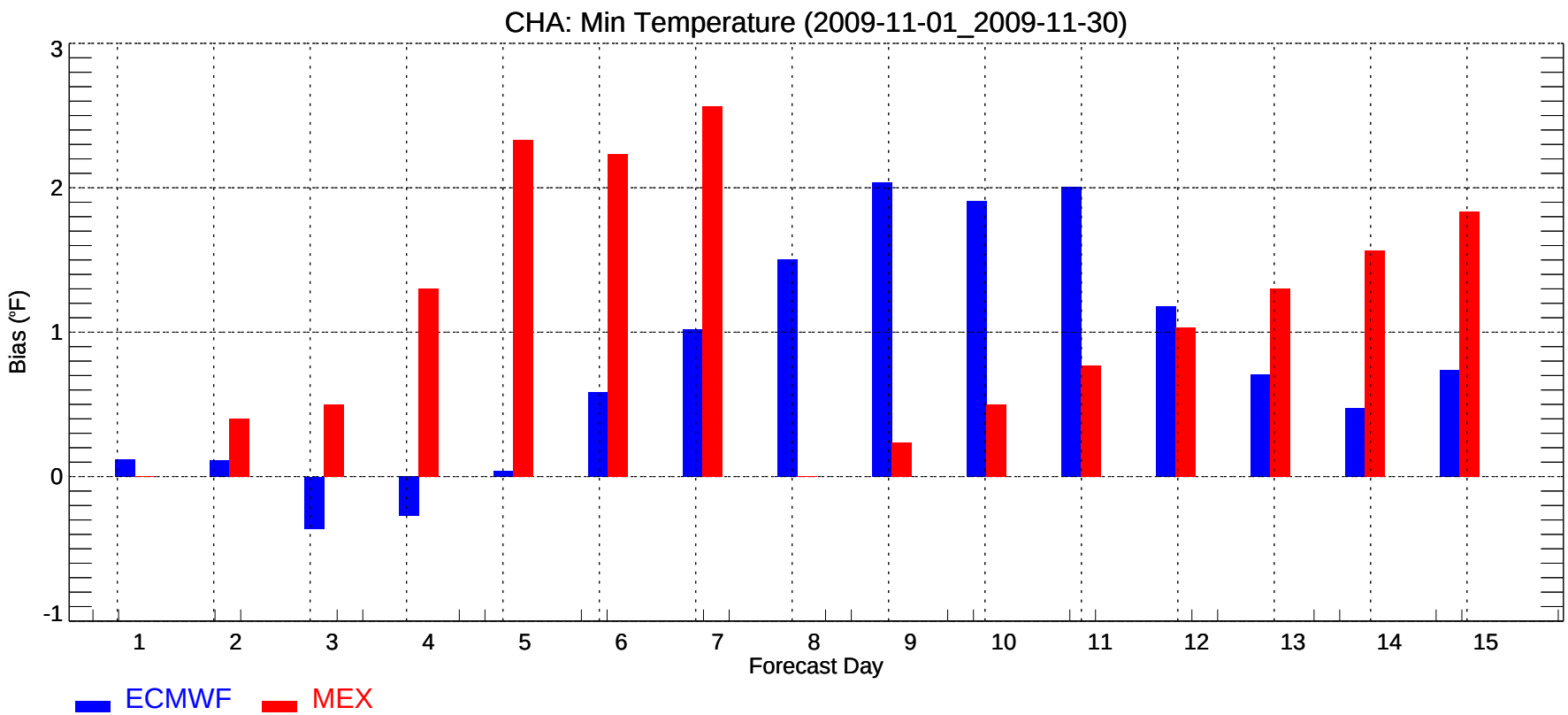
Forecast Day
ECMWF
MEX


CHA: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
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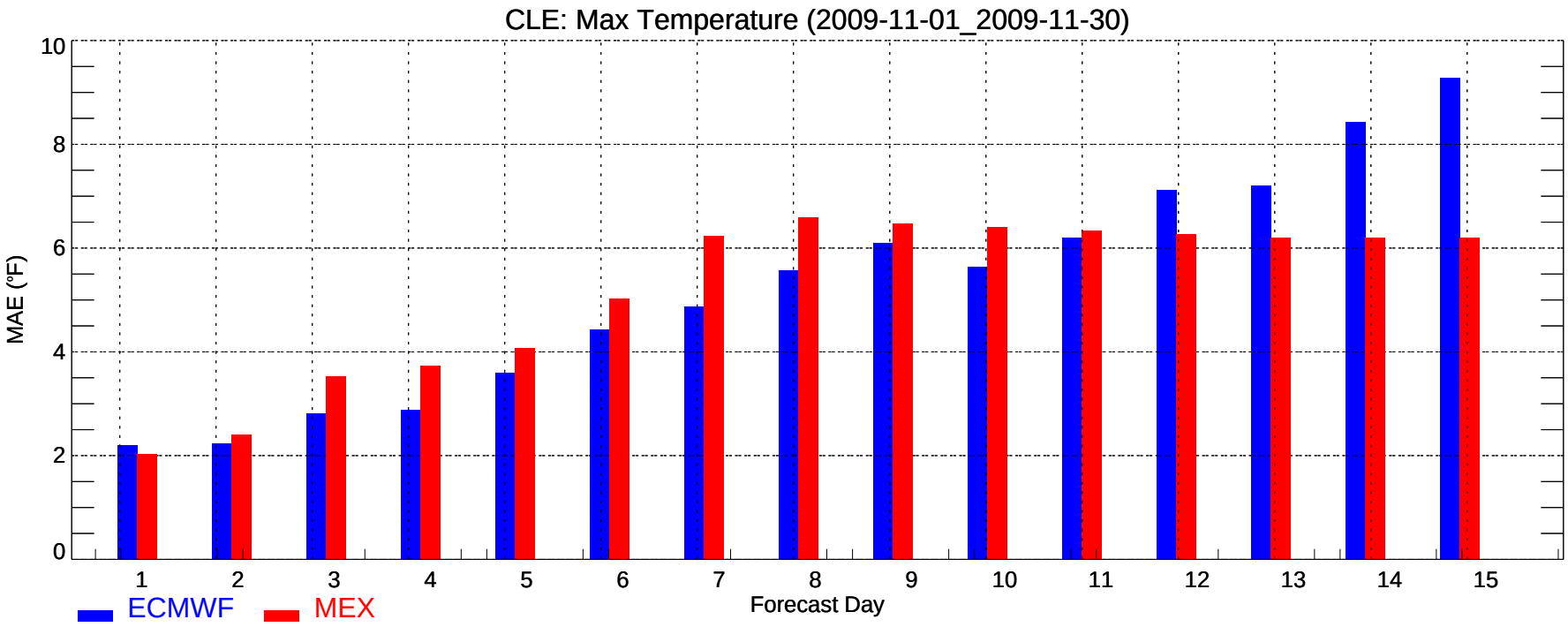
Forecast Day
ECMWF
MEX


CLE: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
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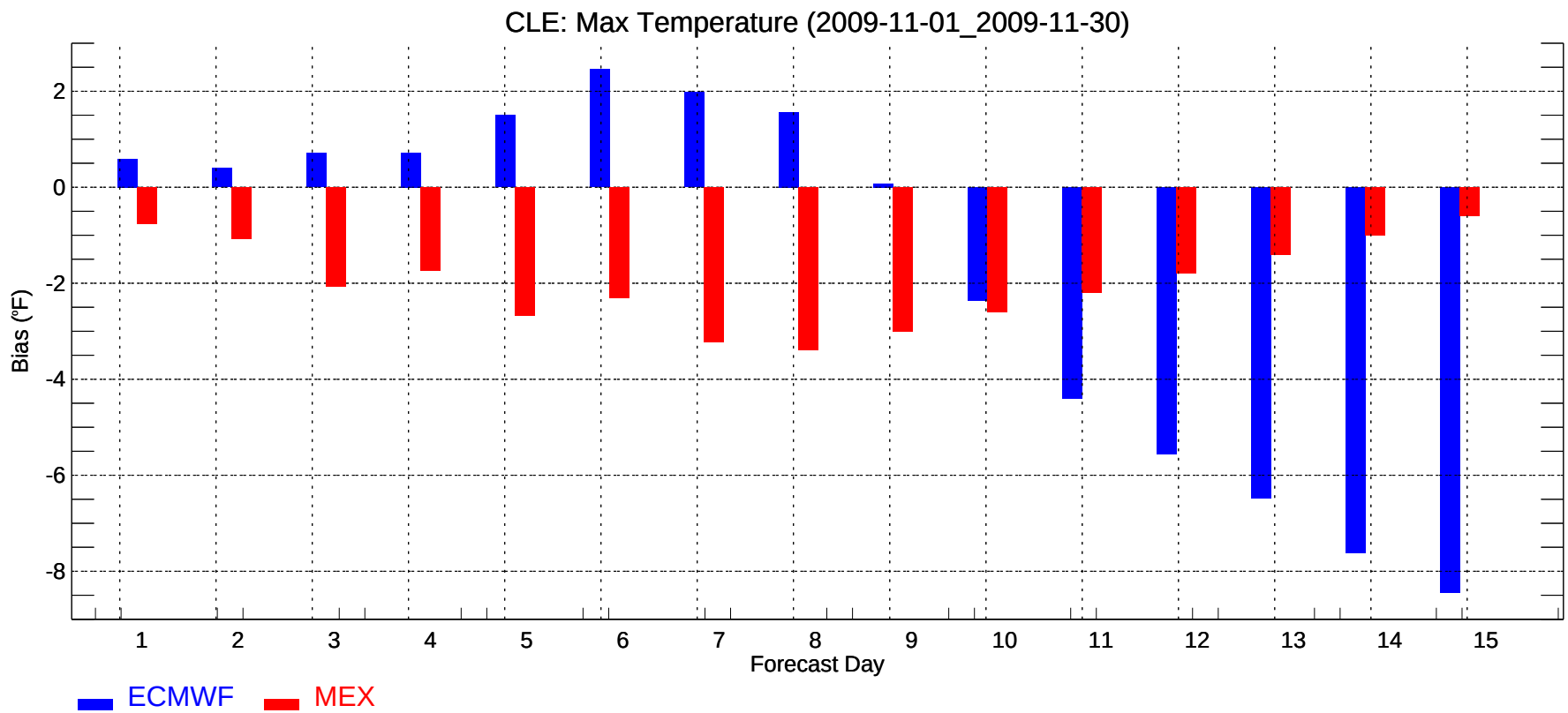
Forecast Day
ECMWF
MEX


CLE: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
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-2
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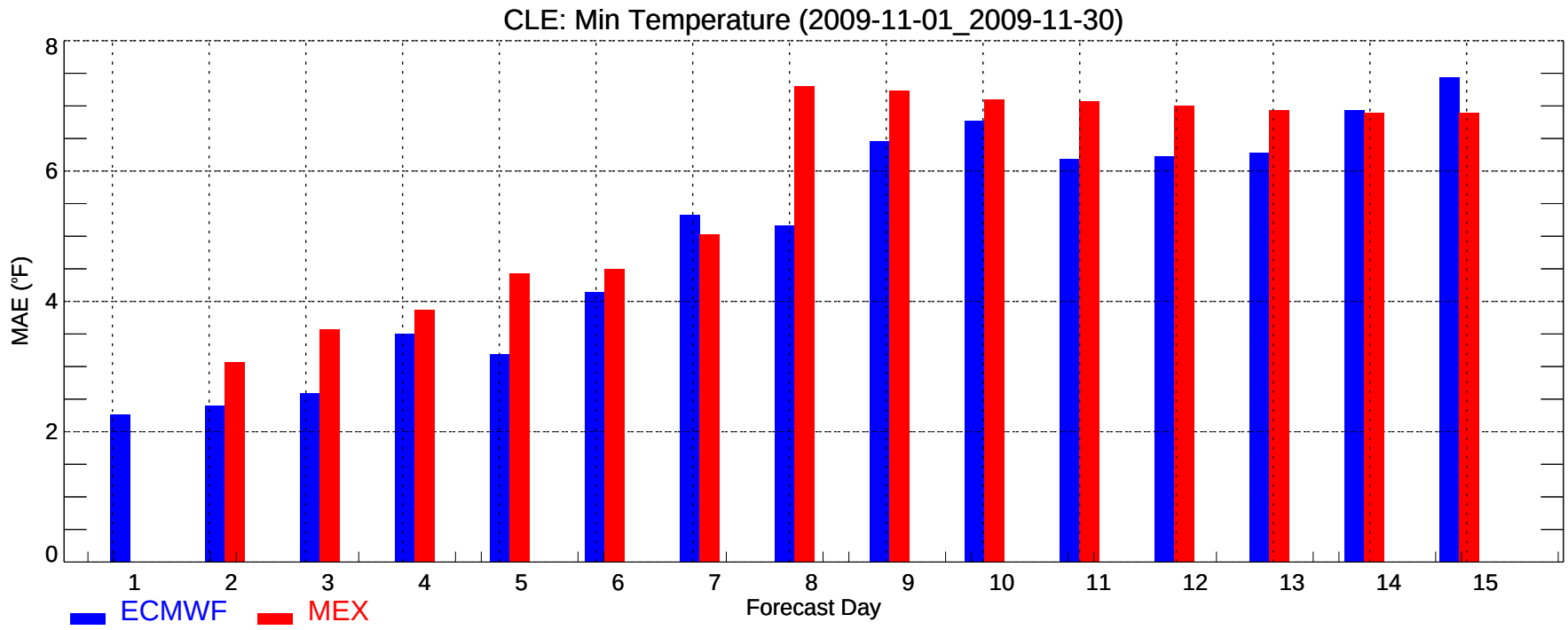
Forecast Day
ECMWF
MEX


CLE: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
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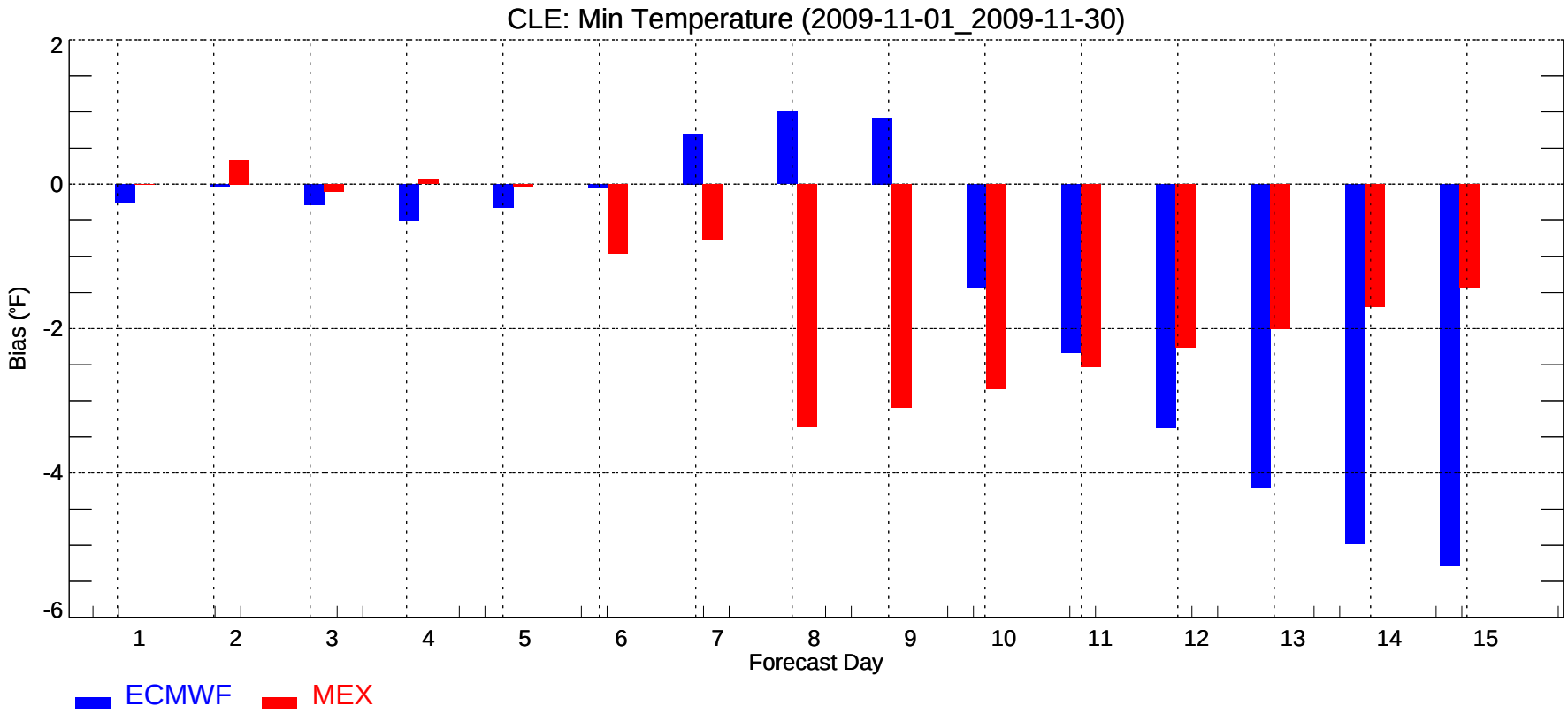
Forecast Day
ECMWF
MEX


CLE: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
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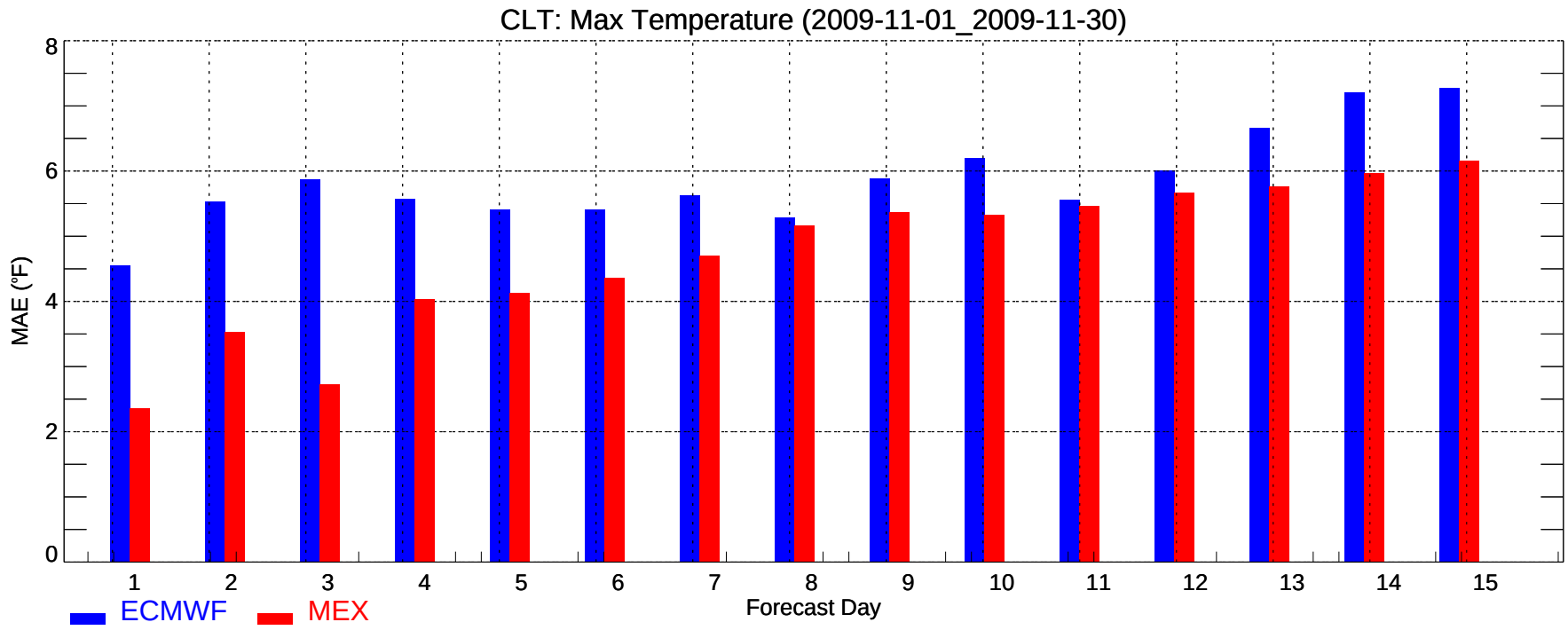
Forecast Day
ECMWF
MEX


CLT: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
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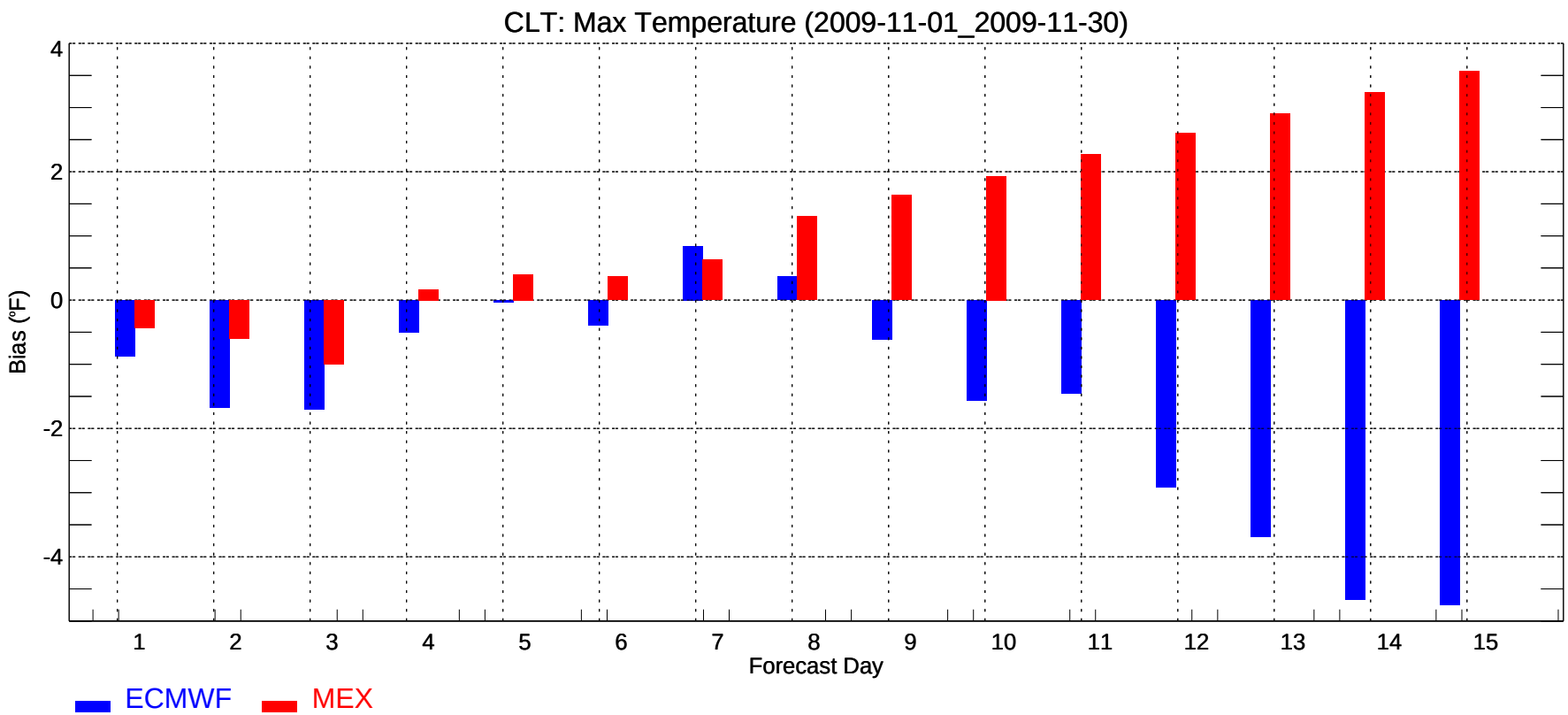
Forecast Day
ECMWF
MEX


CLT: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
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0
-2
-4
1
2
3
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5
6
7
8
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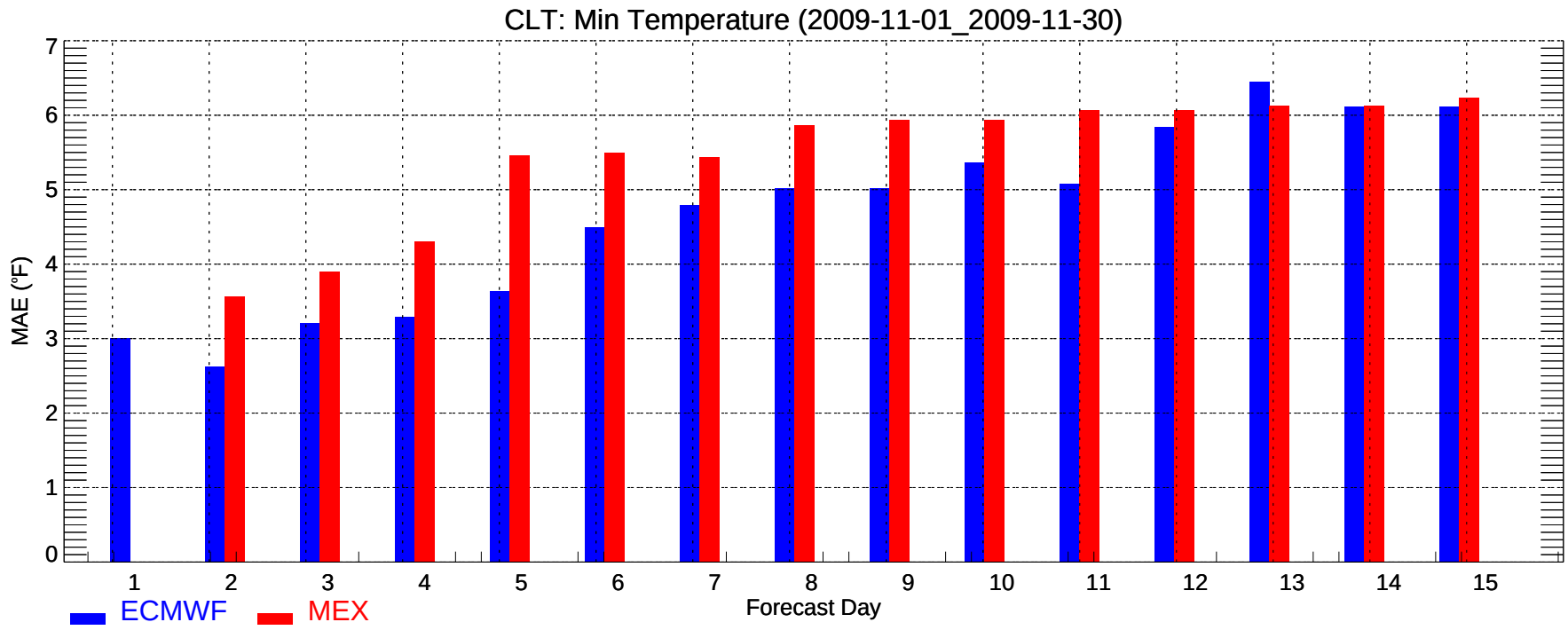
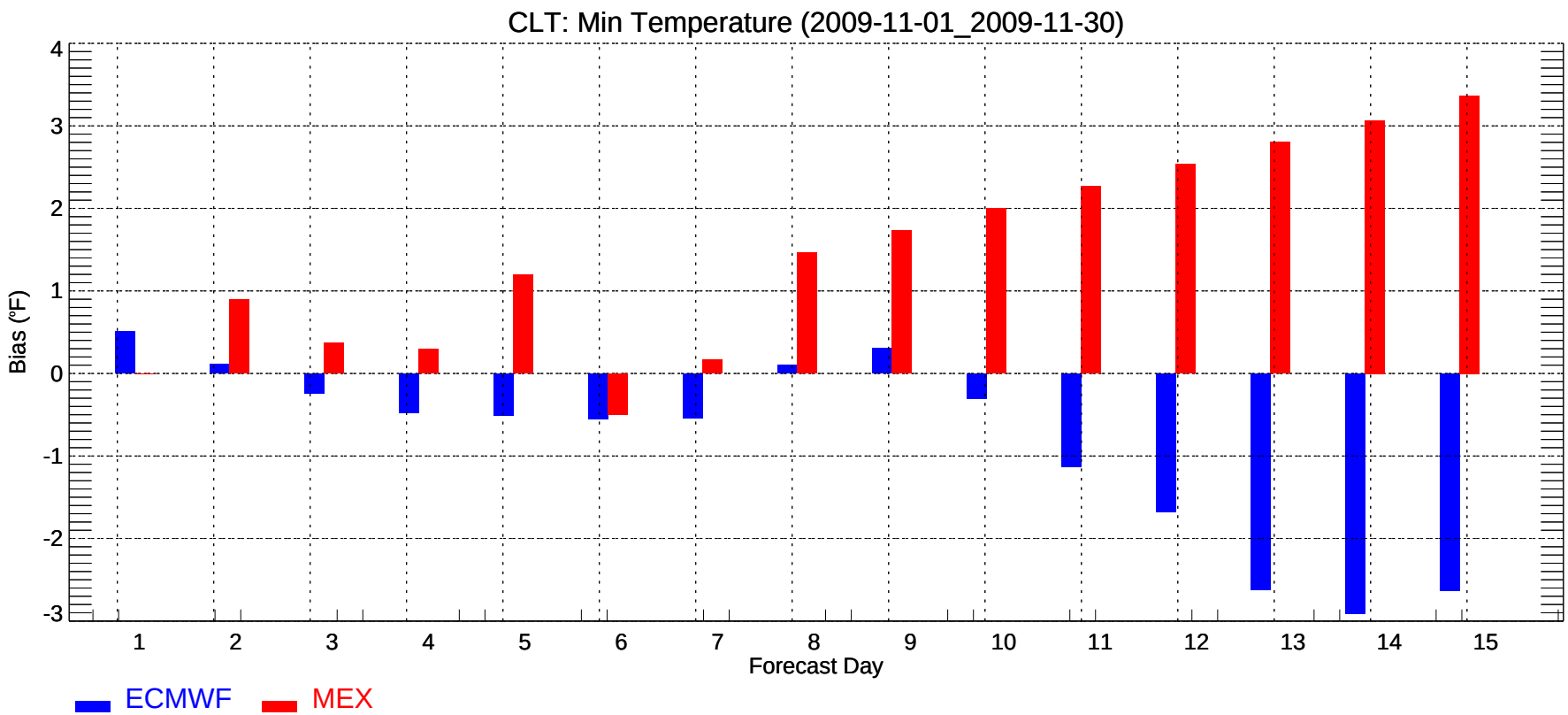
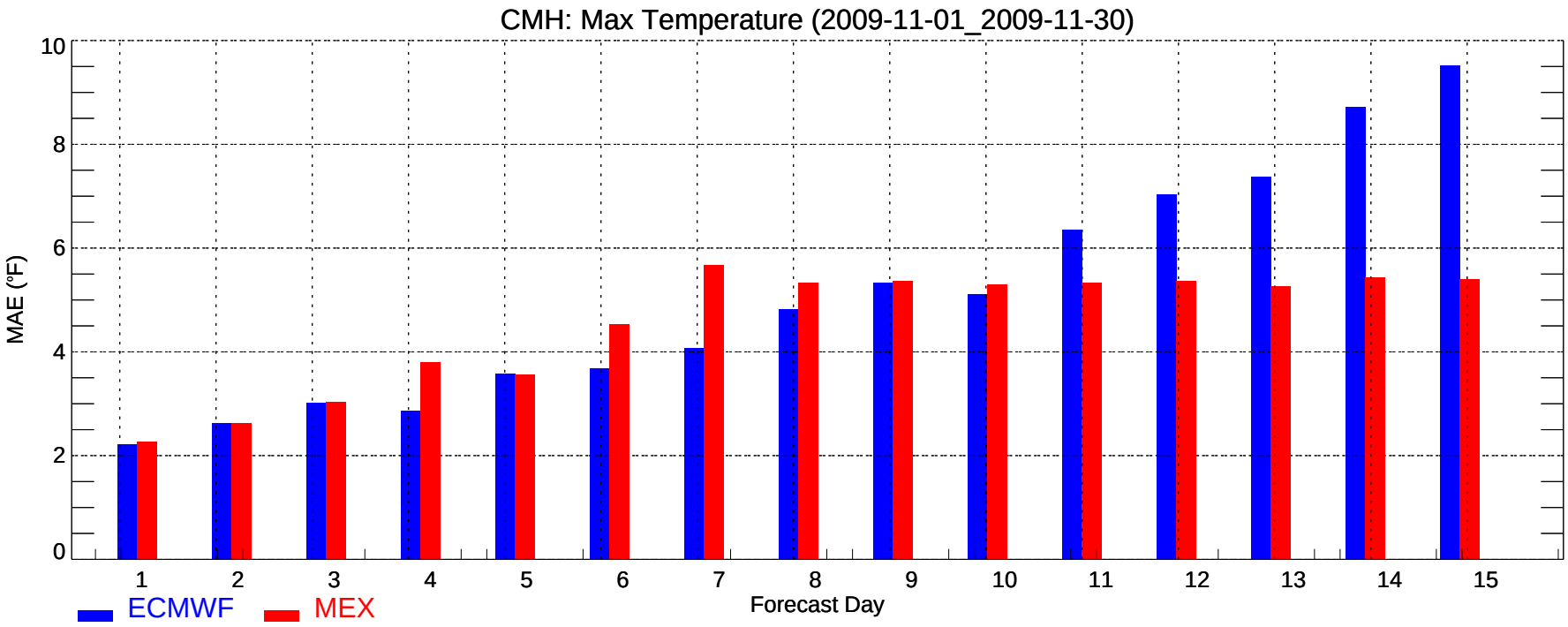
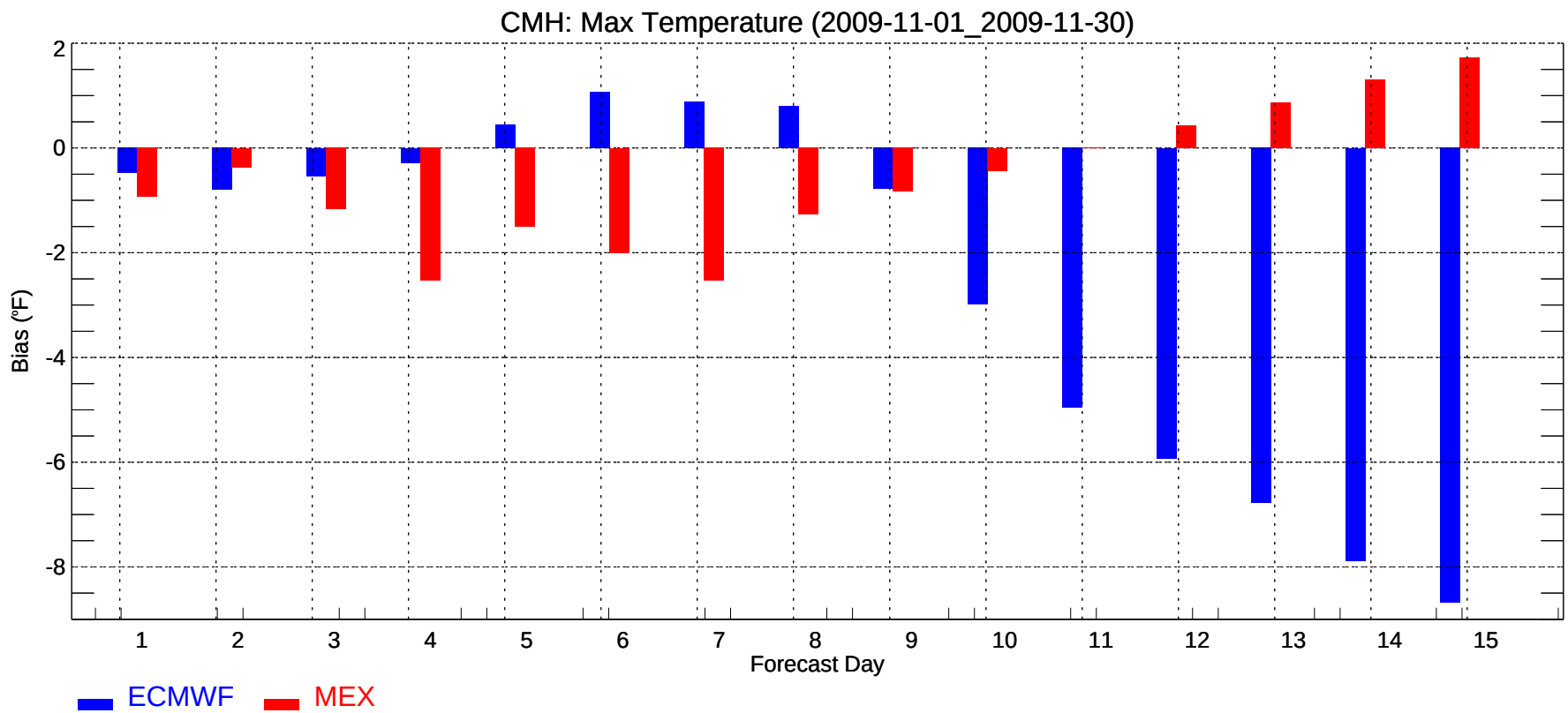
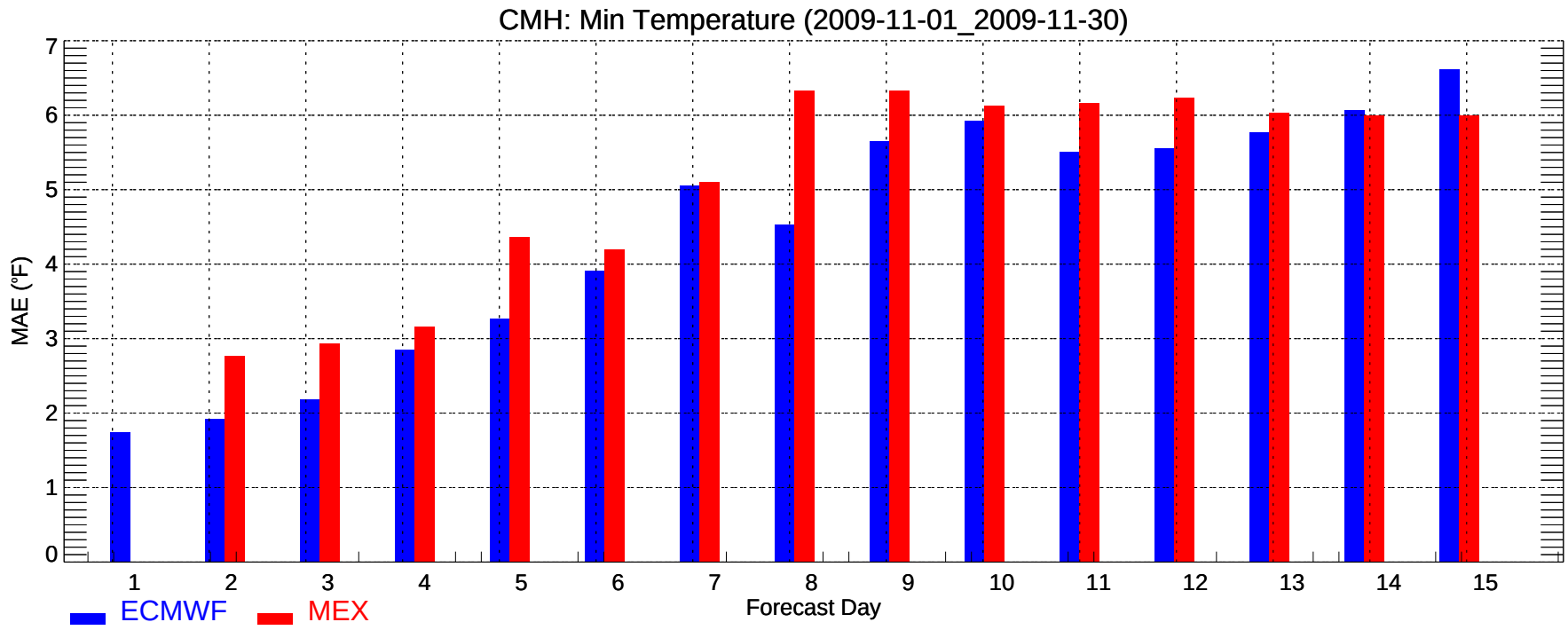
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

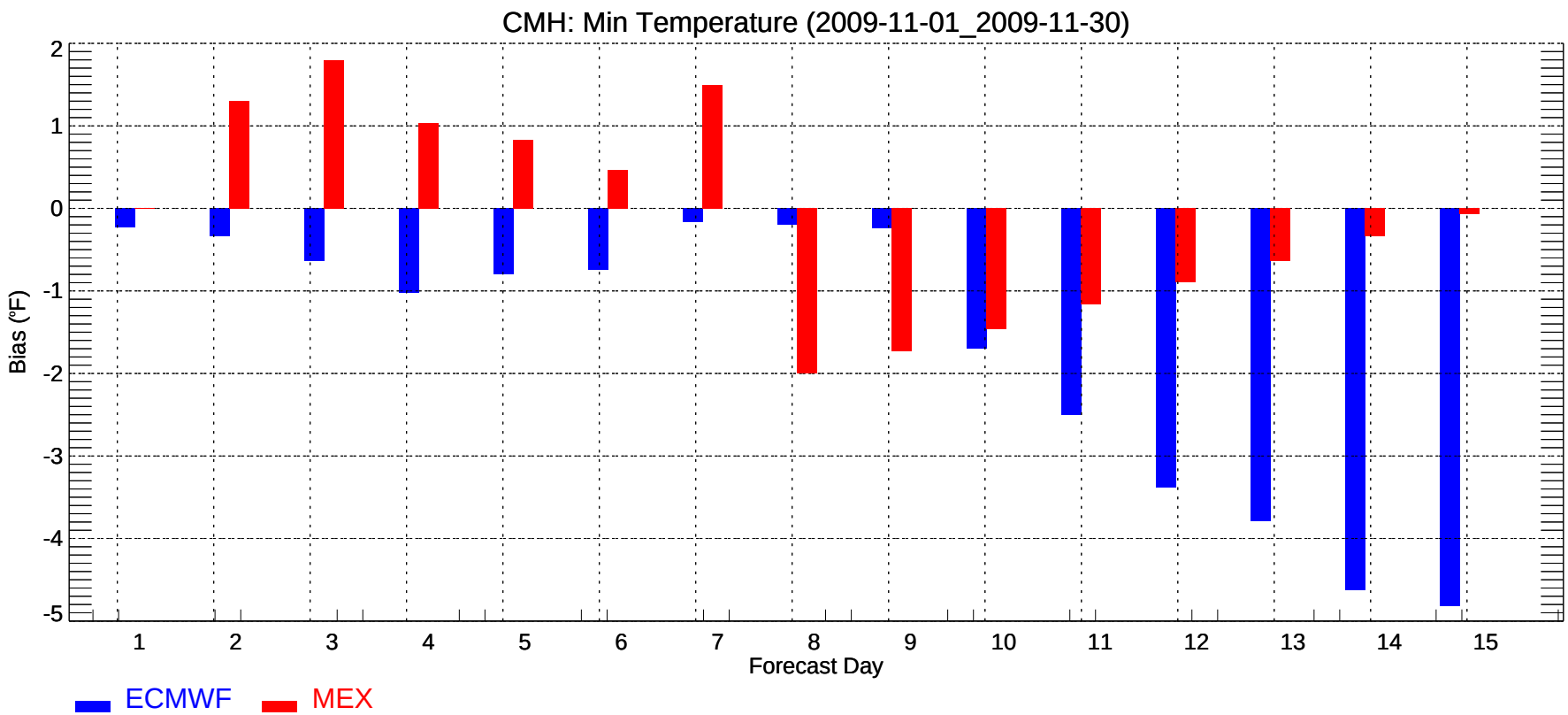

CLT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

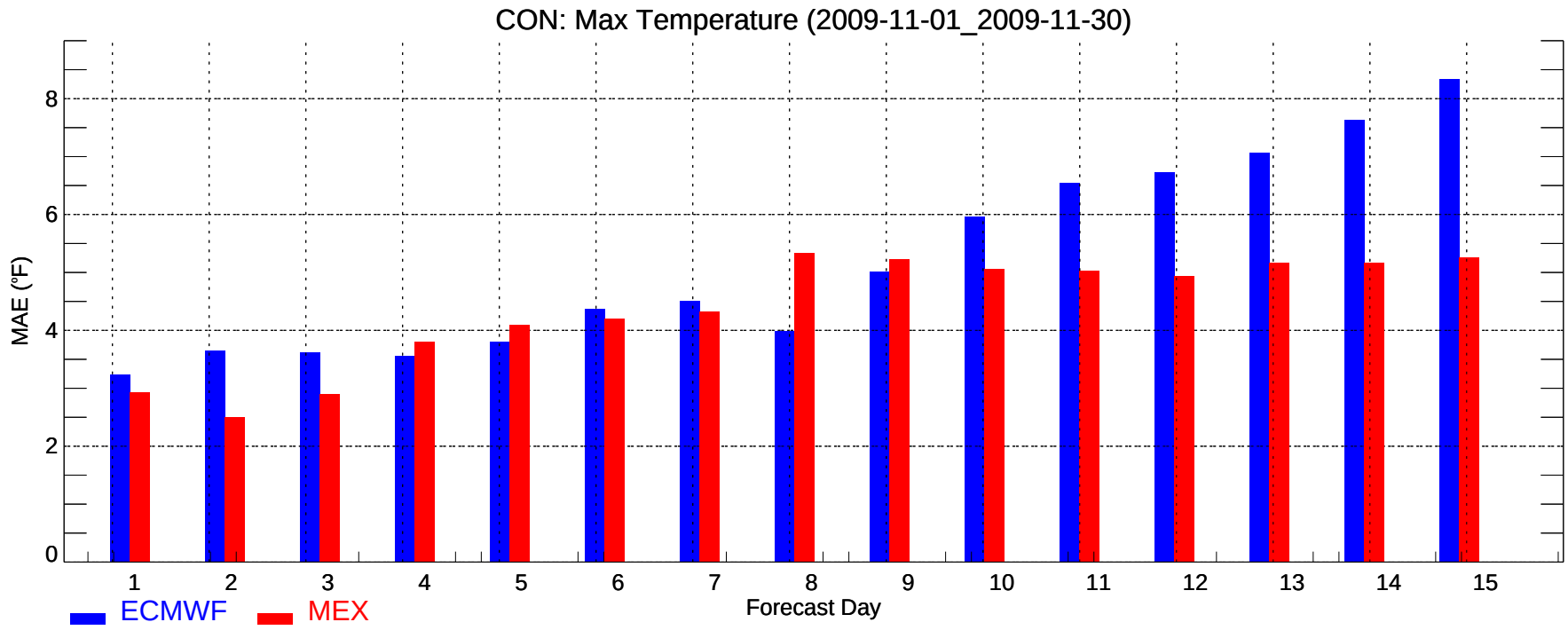

CLT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-3
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

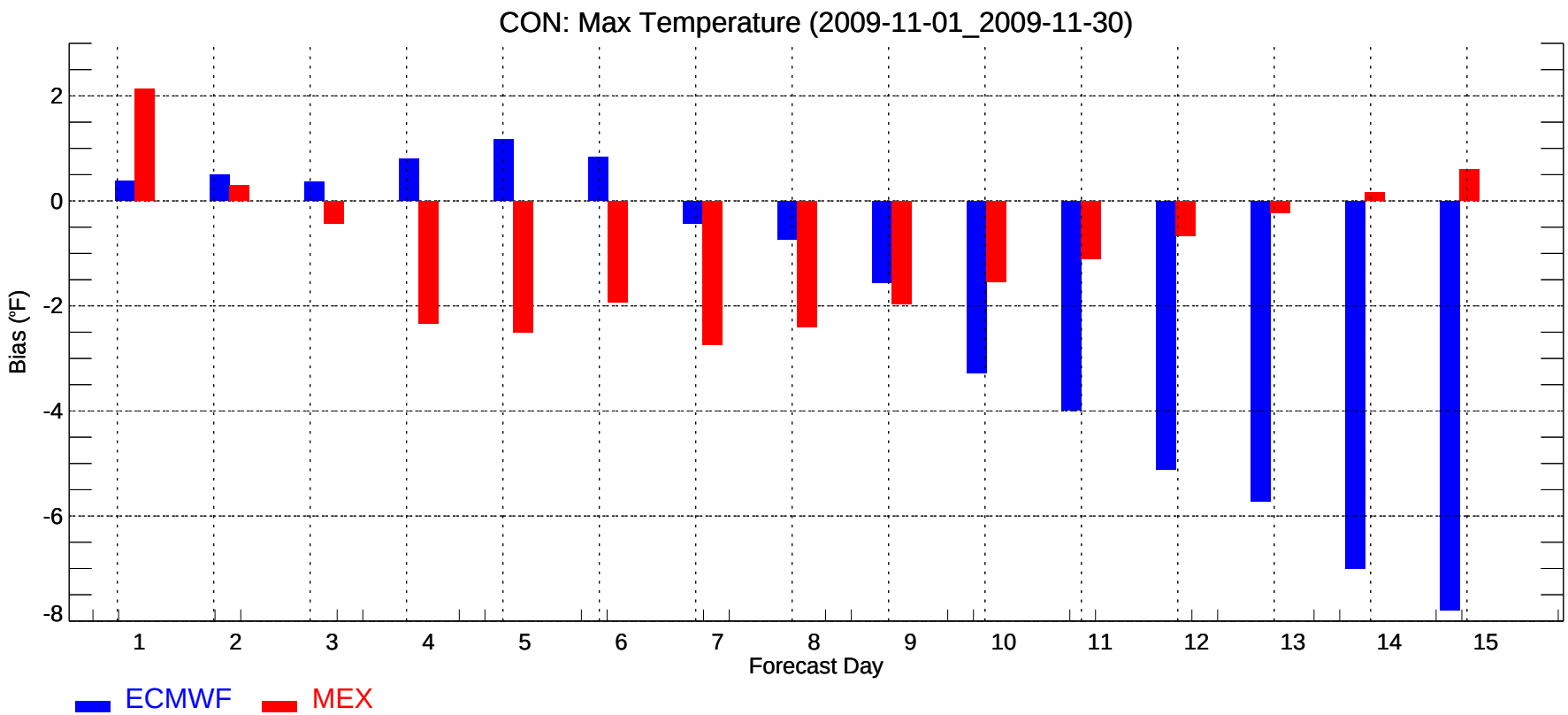

CMH: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

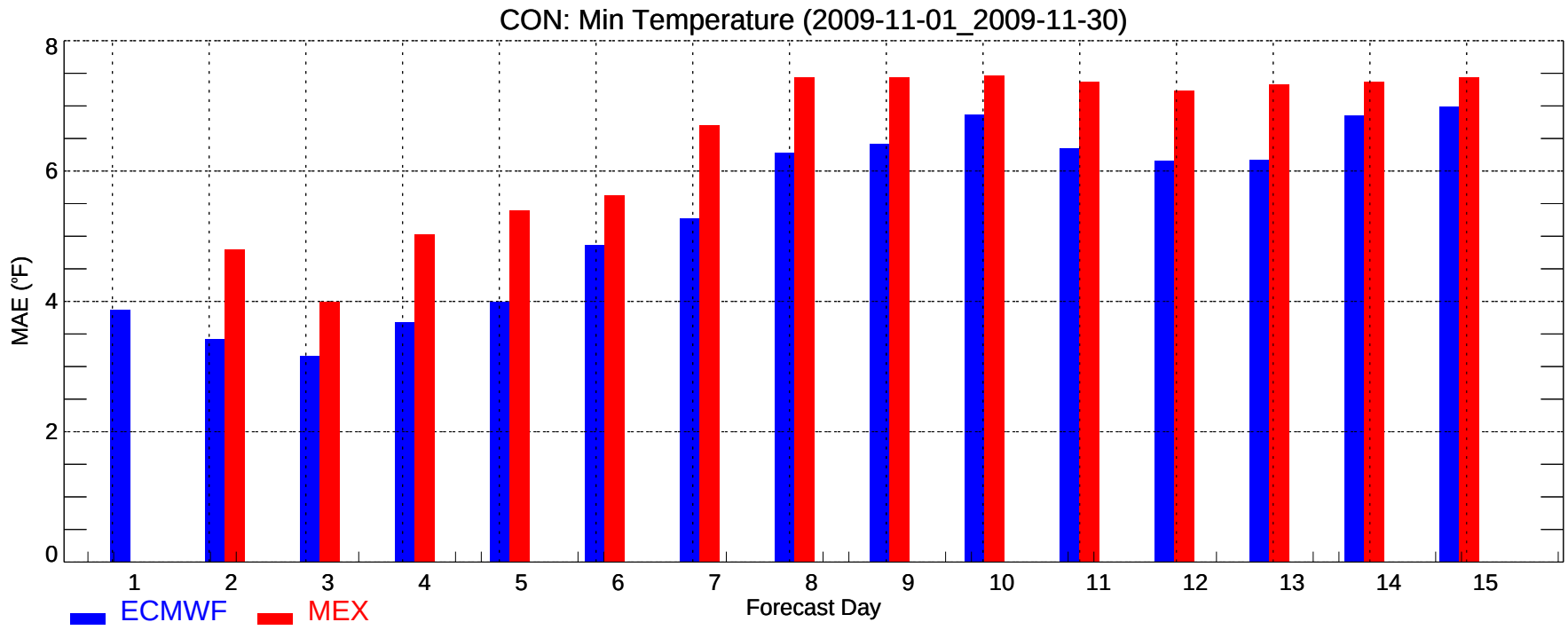

CMH: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

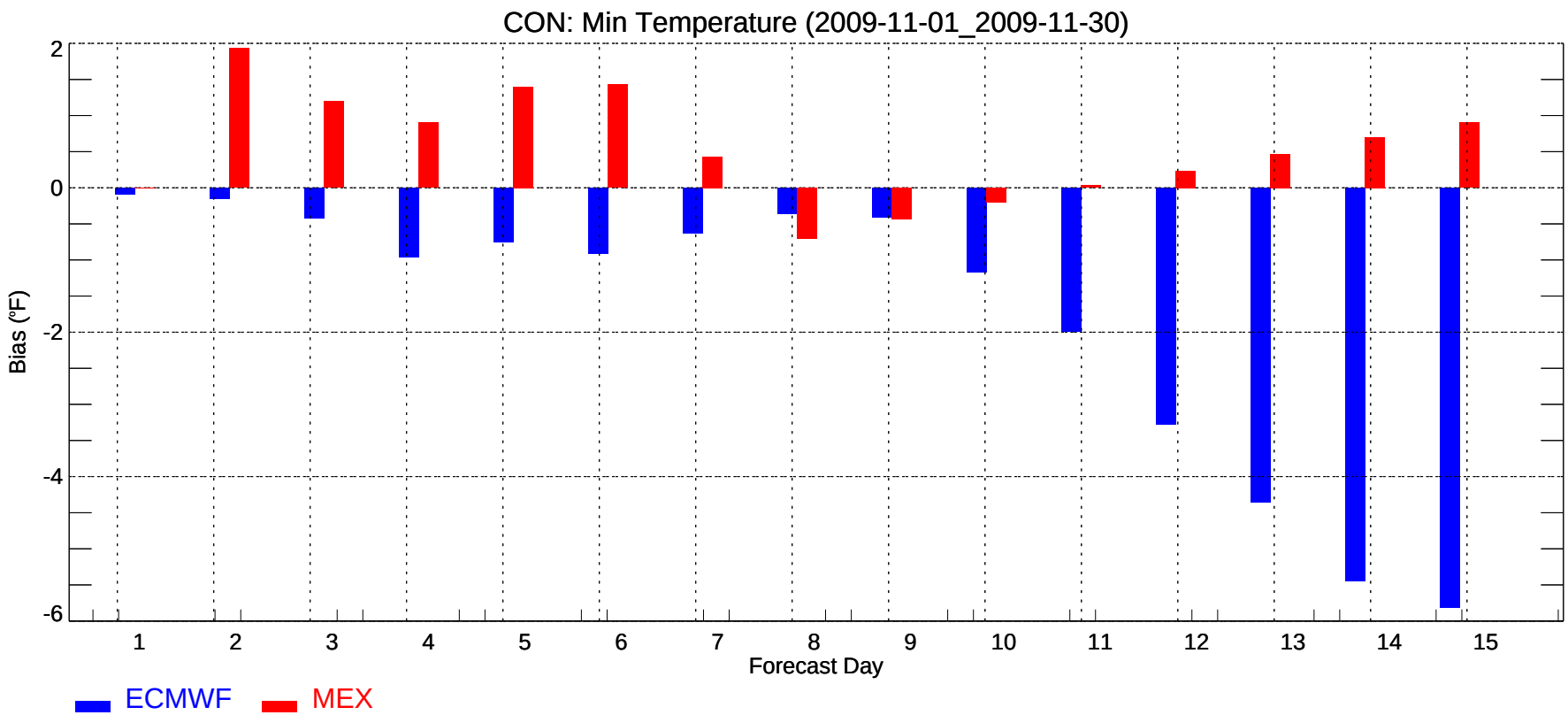

CMH: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

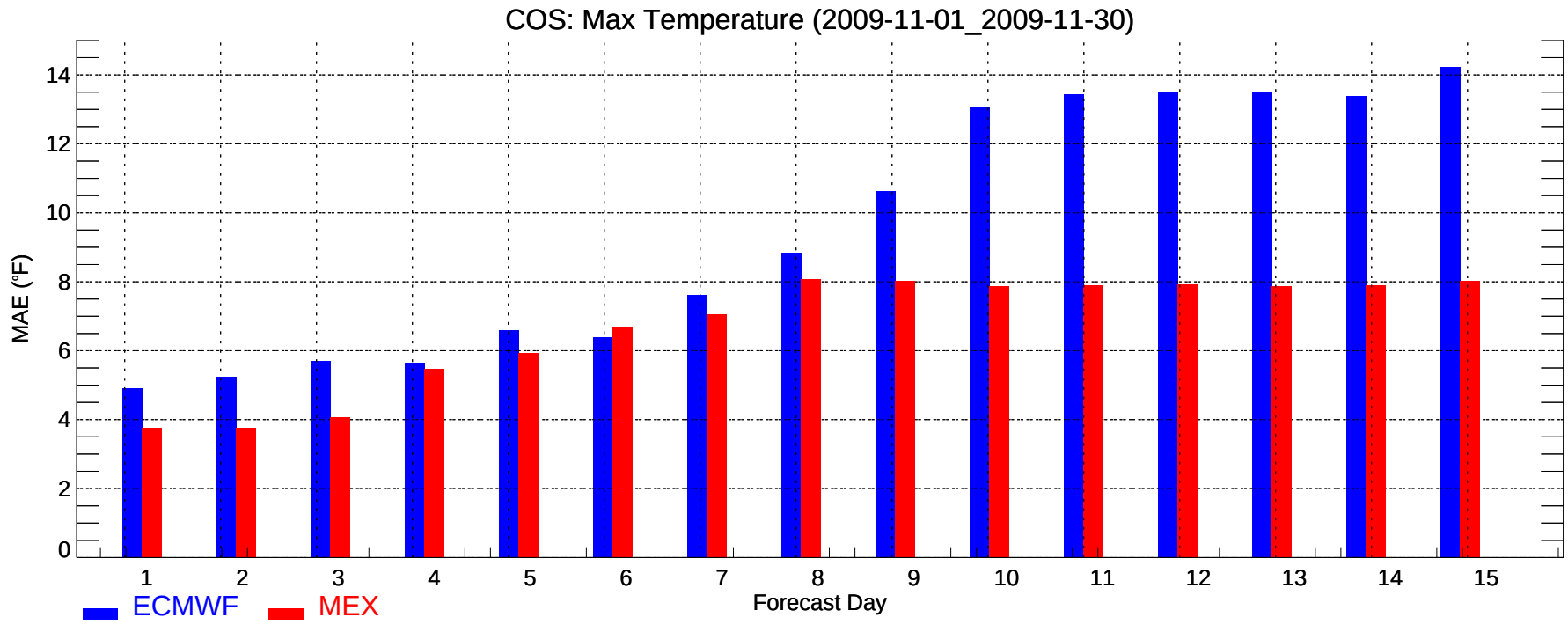

CMH: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

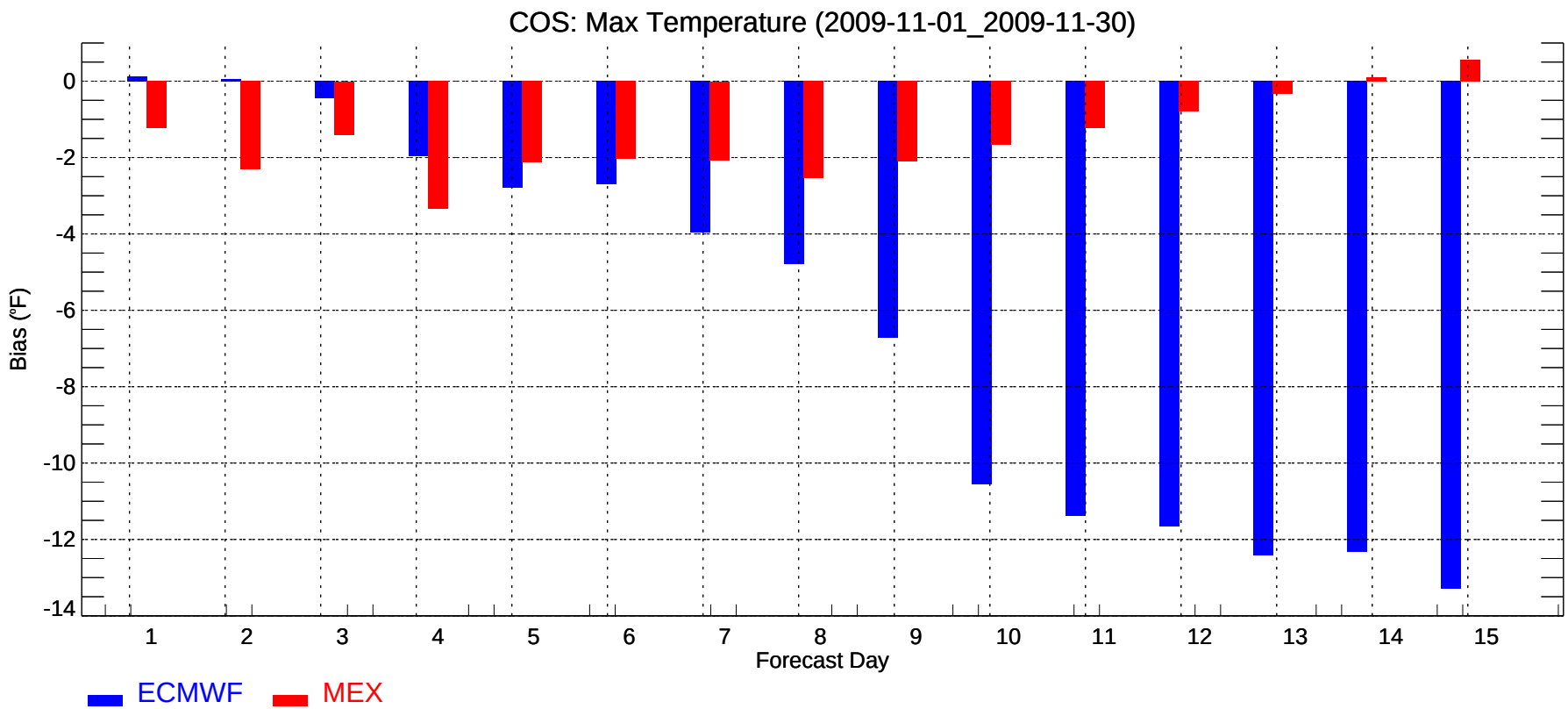

CON: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

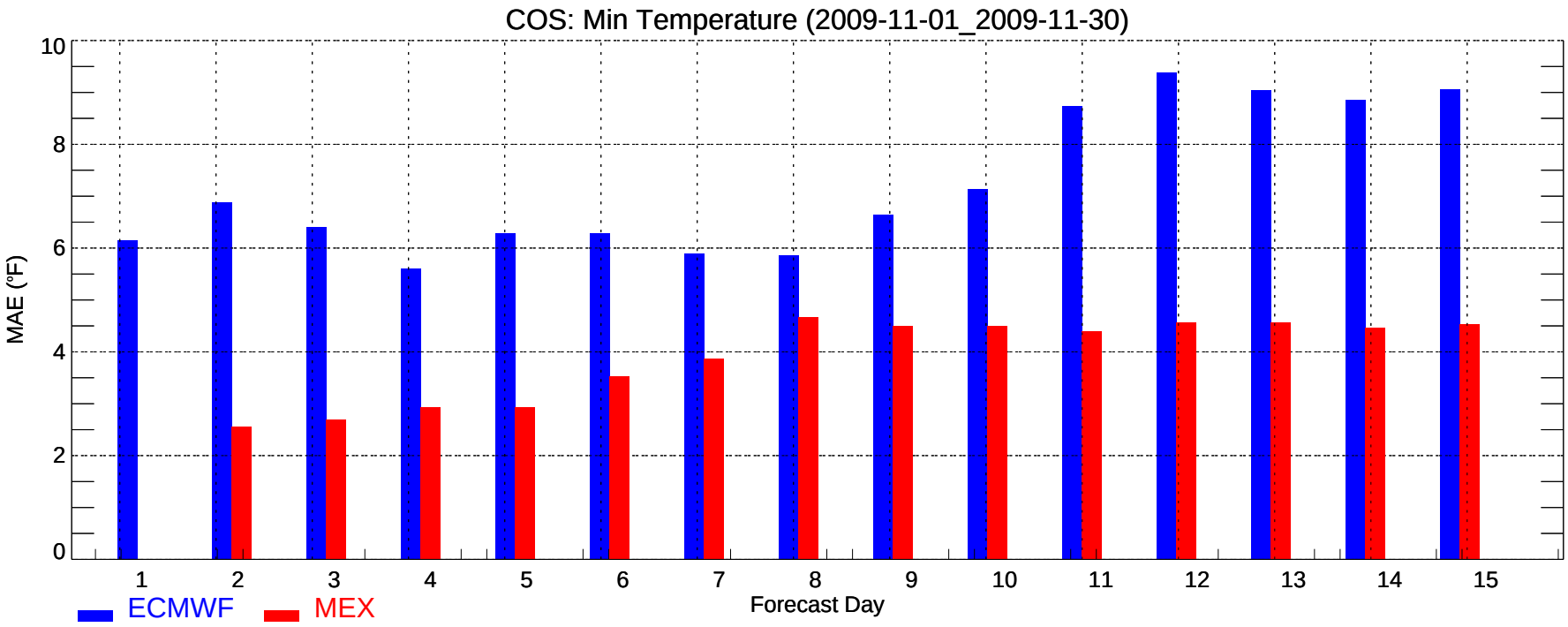

CON: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

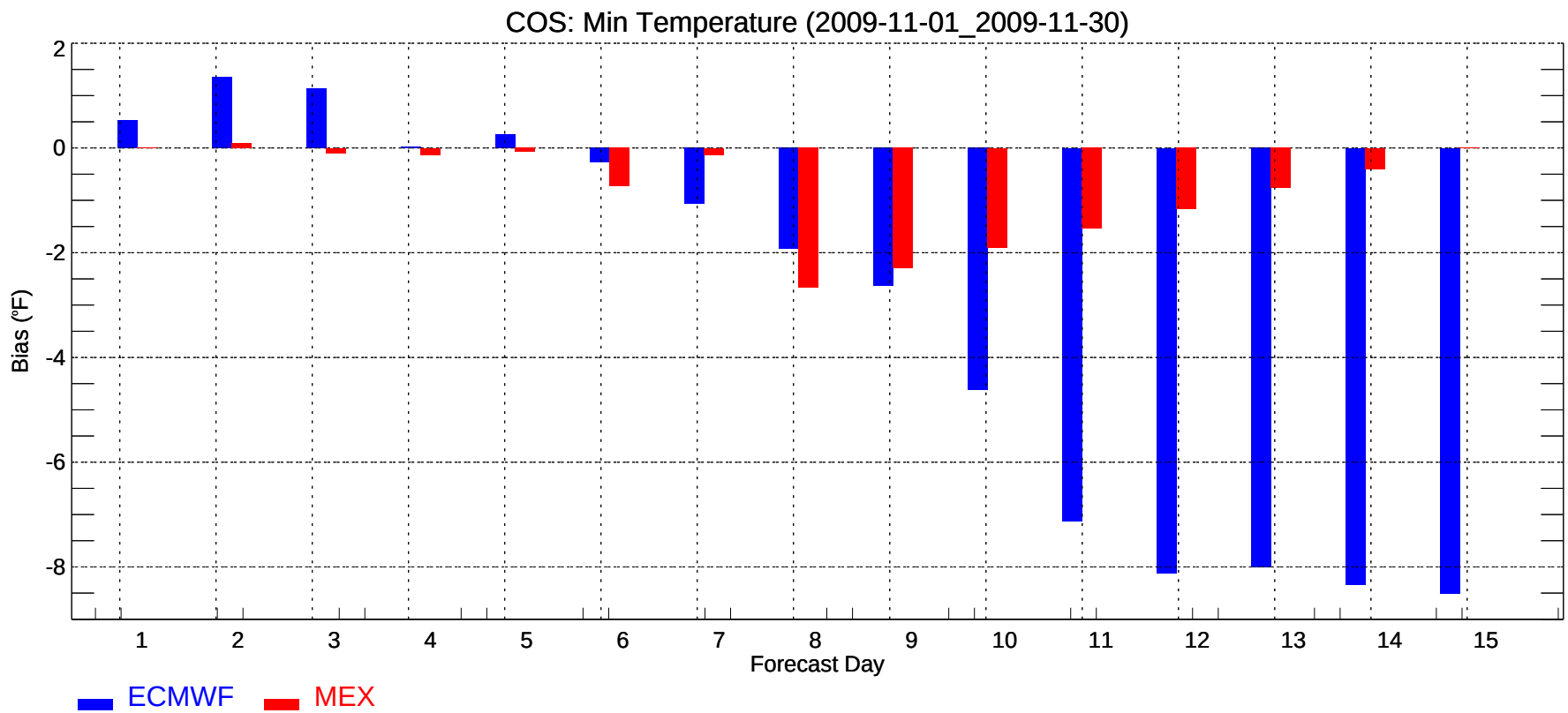

CON: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

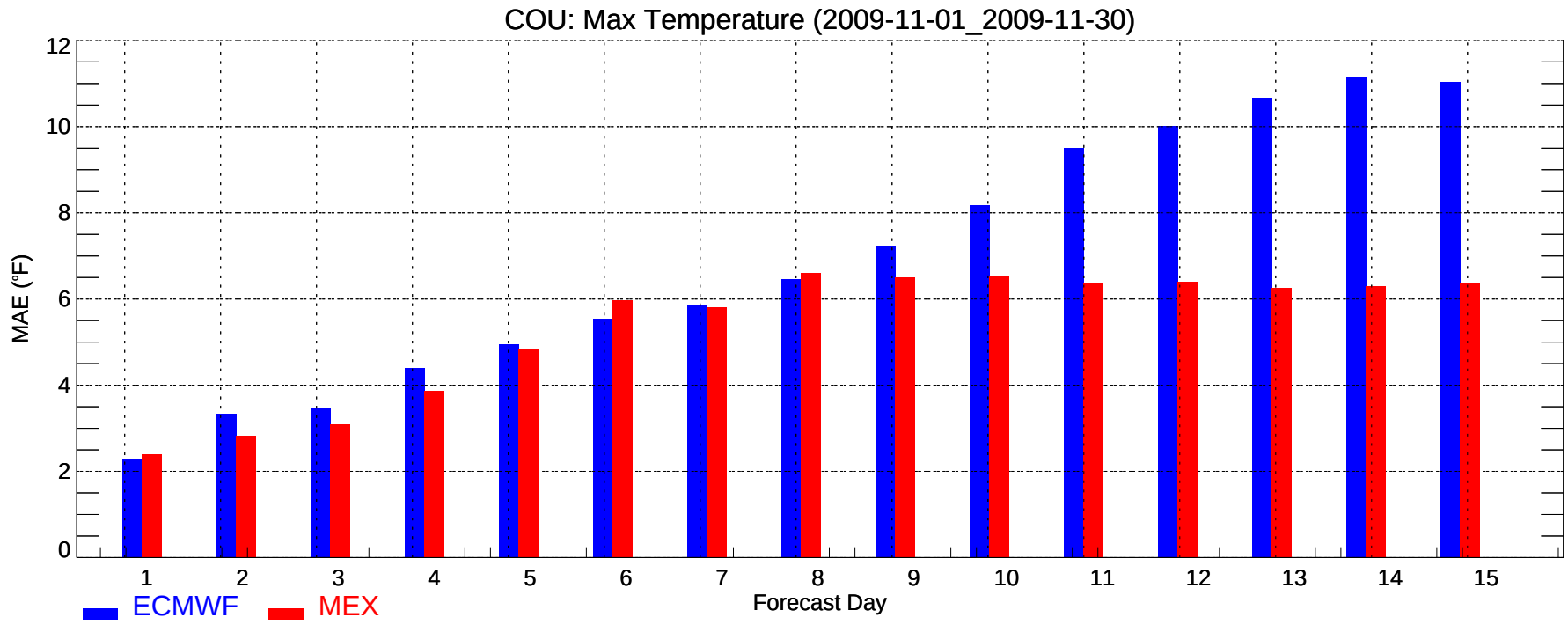

CON: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

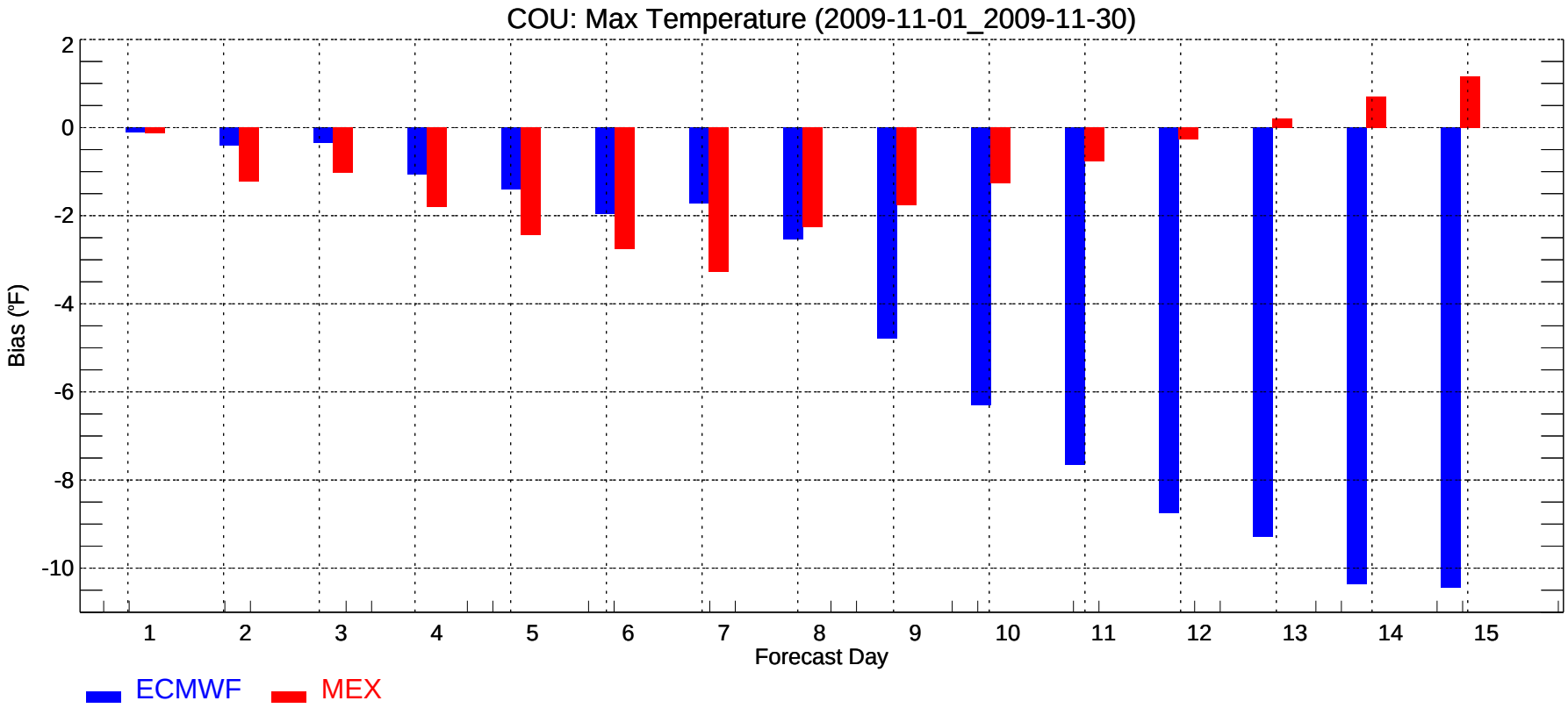

COS: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

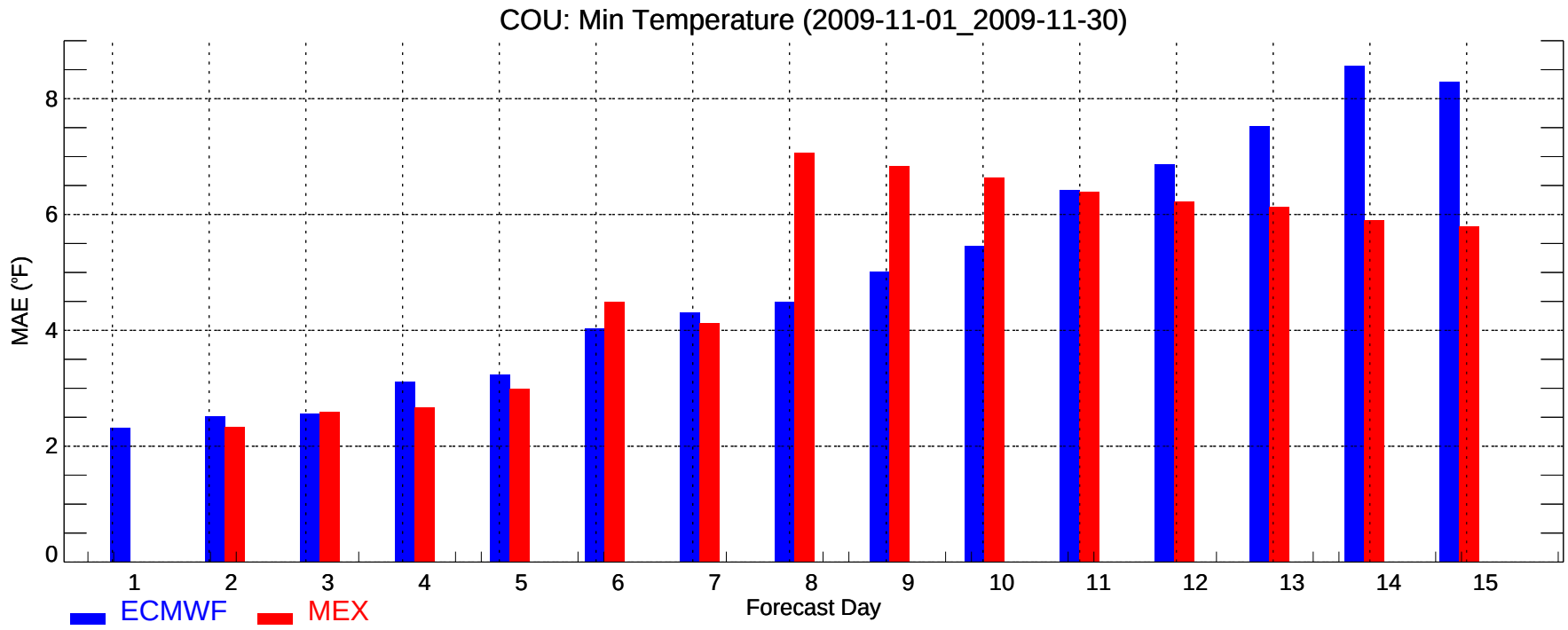

COS: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
-14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COS: Min Temperature (2009-11-01_2009-11-30)
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


COS: Min Temperature (2009-11-01_2009-11-30)
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


COU: Max Temperature (2009-11-01_2009-11-30)
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


COU: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COU: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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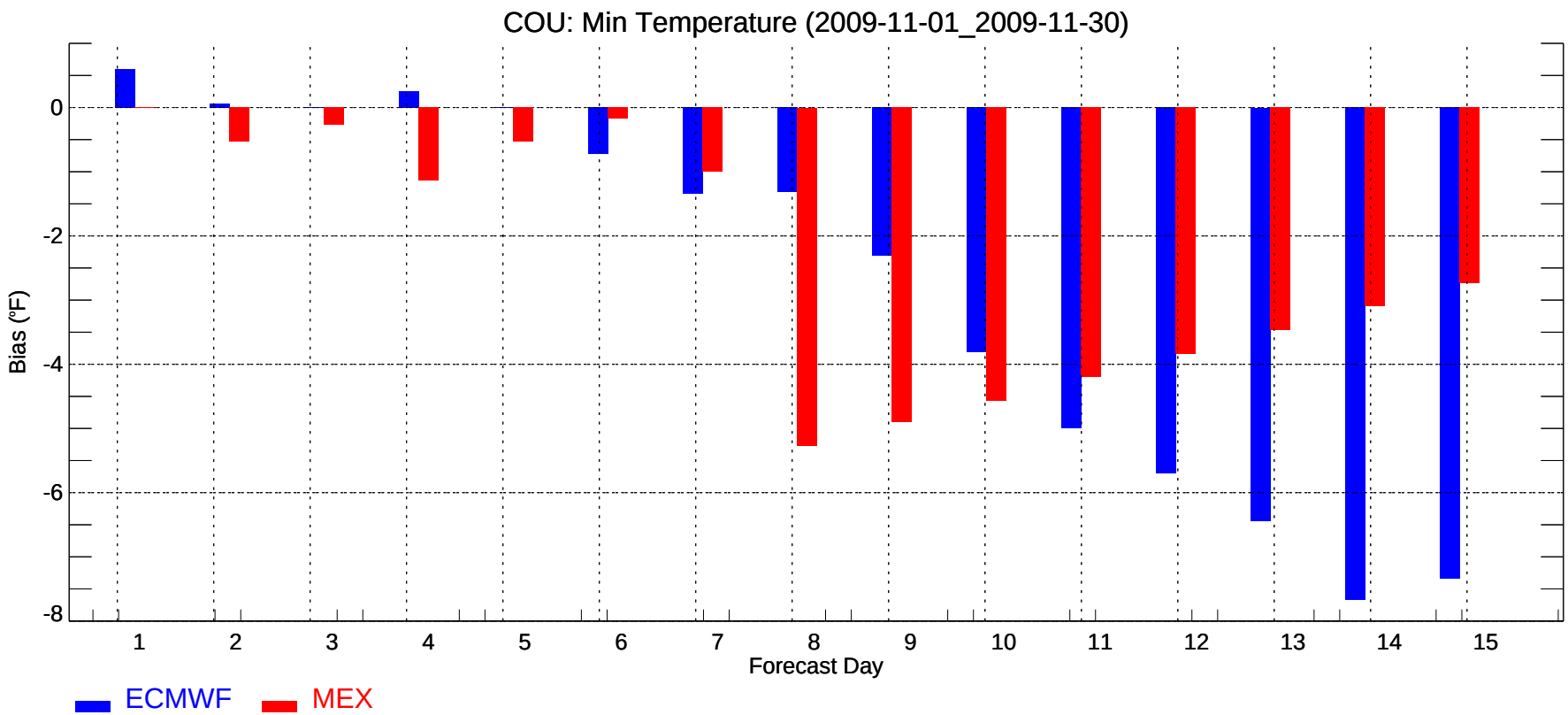
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COU: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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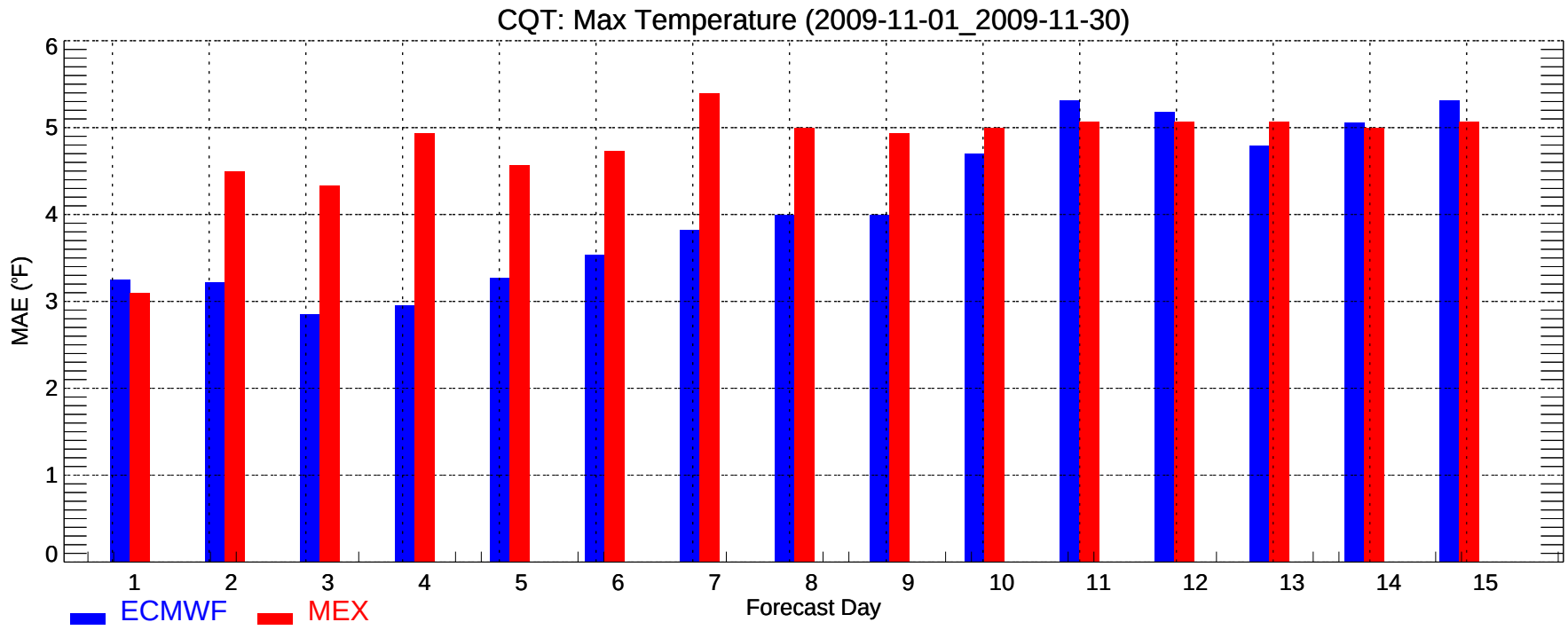
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CQT: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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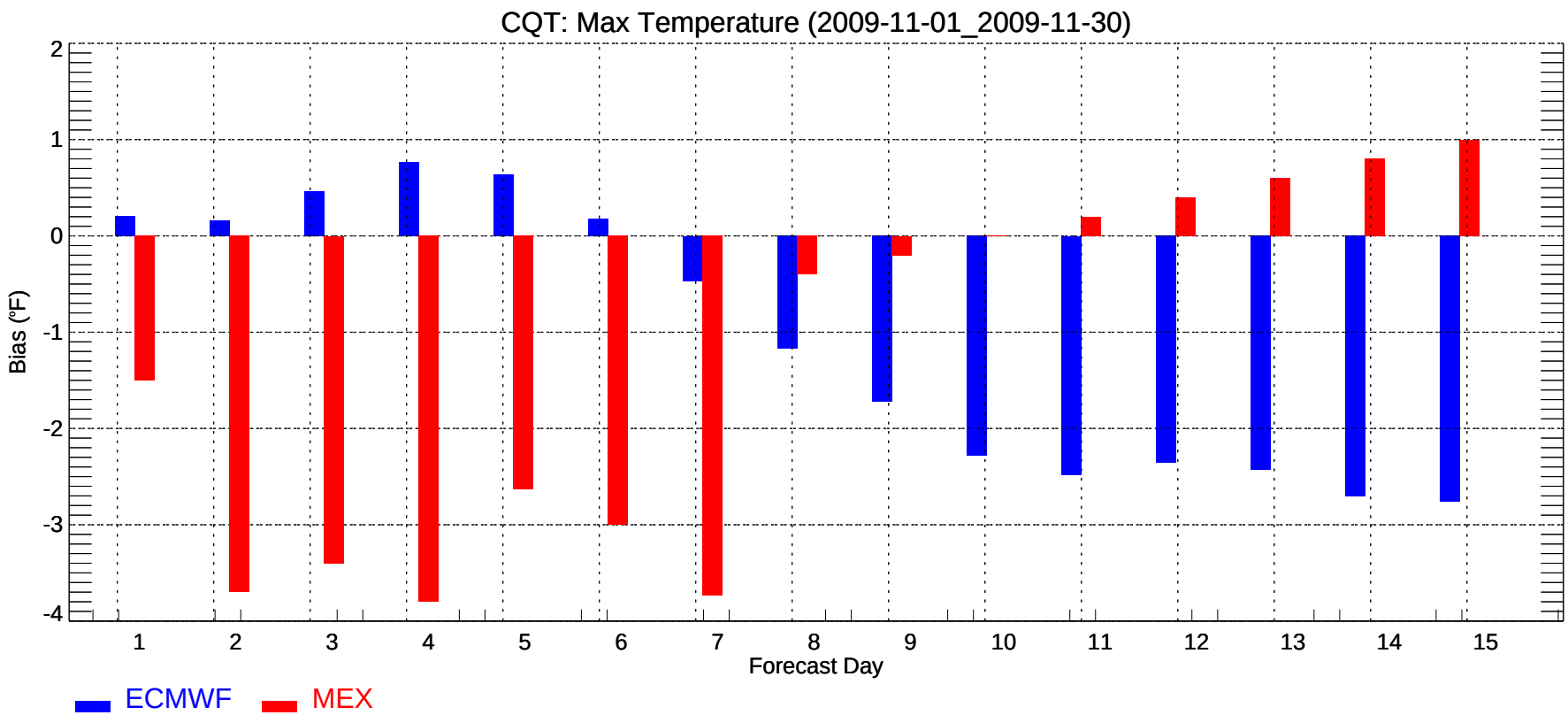
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CQT: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
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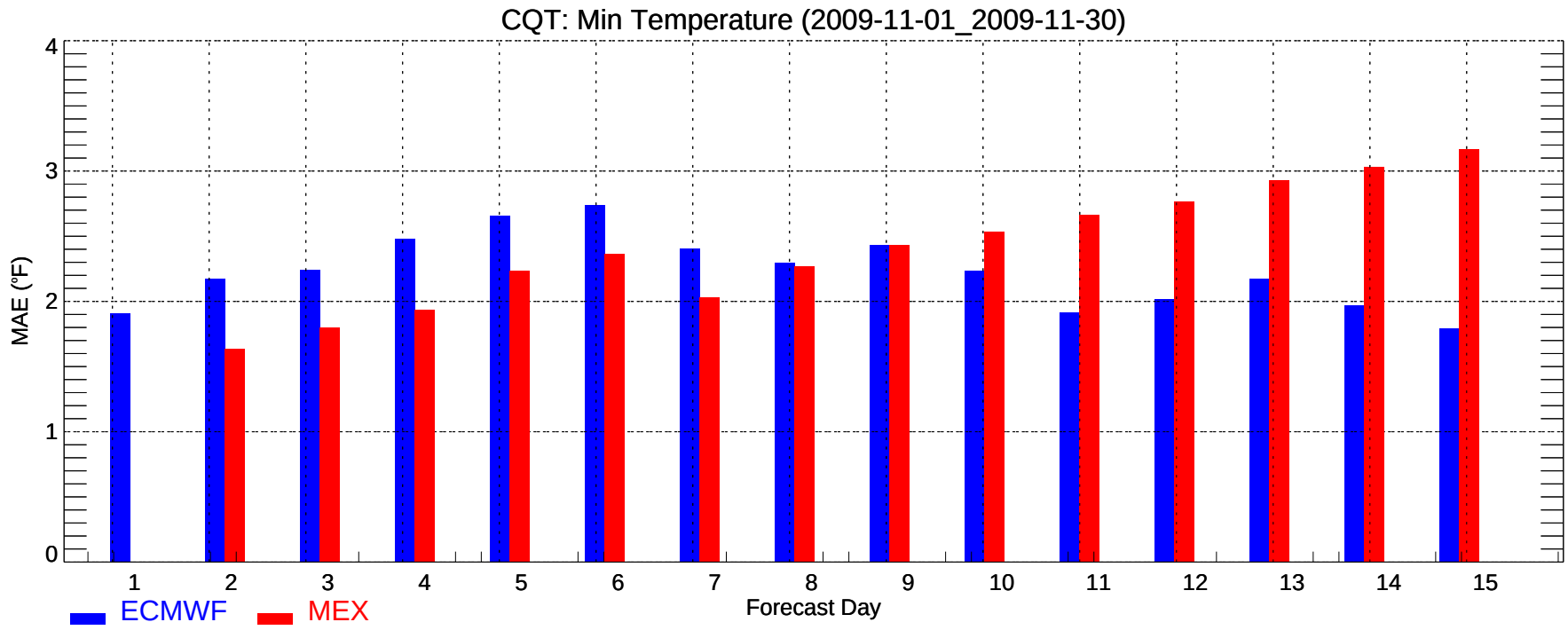
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CQT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
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13
14
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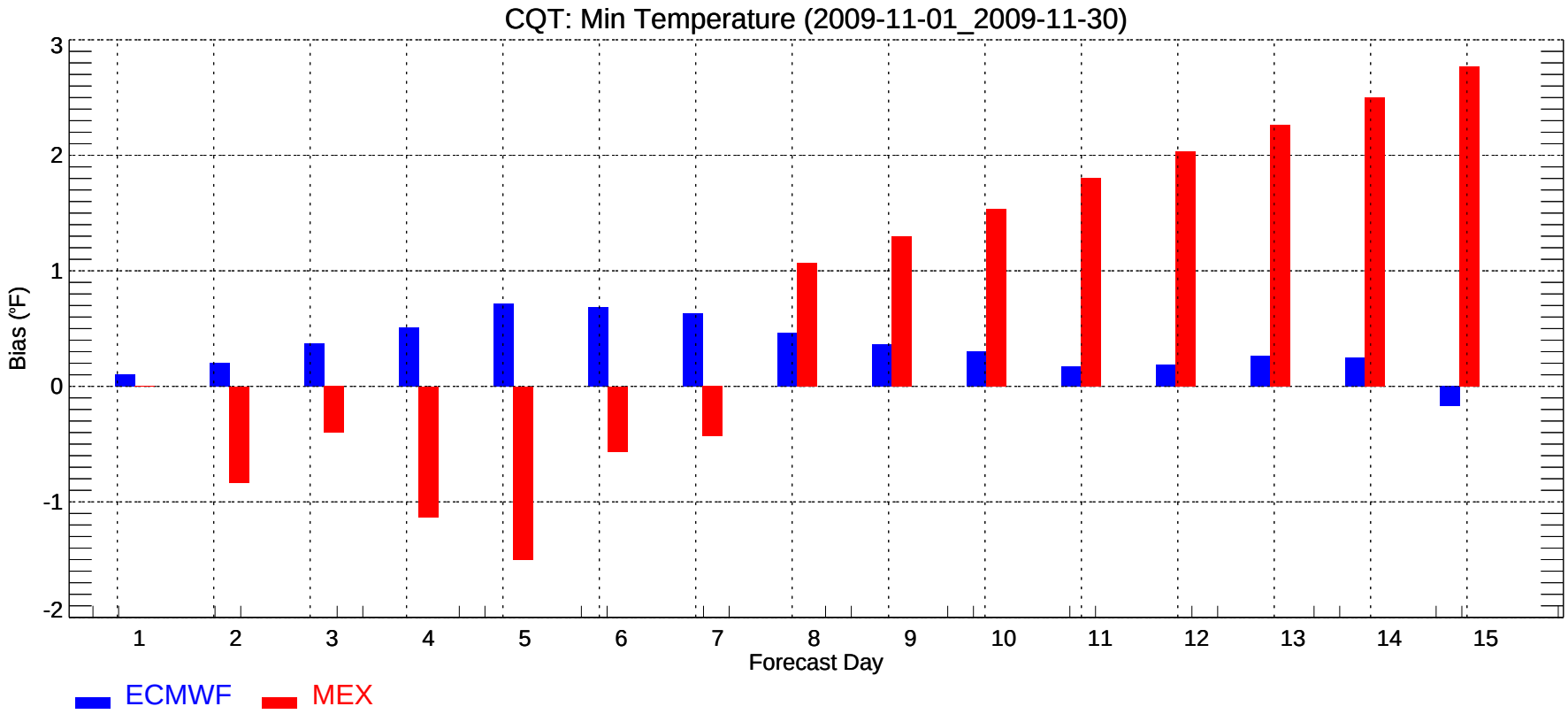
Forecast Day
ECMWF
MEX


CQT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
-1
0
1
2
3
1
2
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6
7
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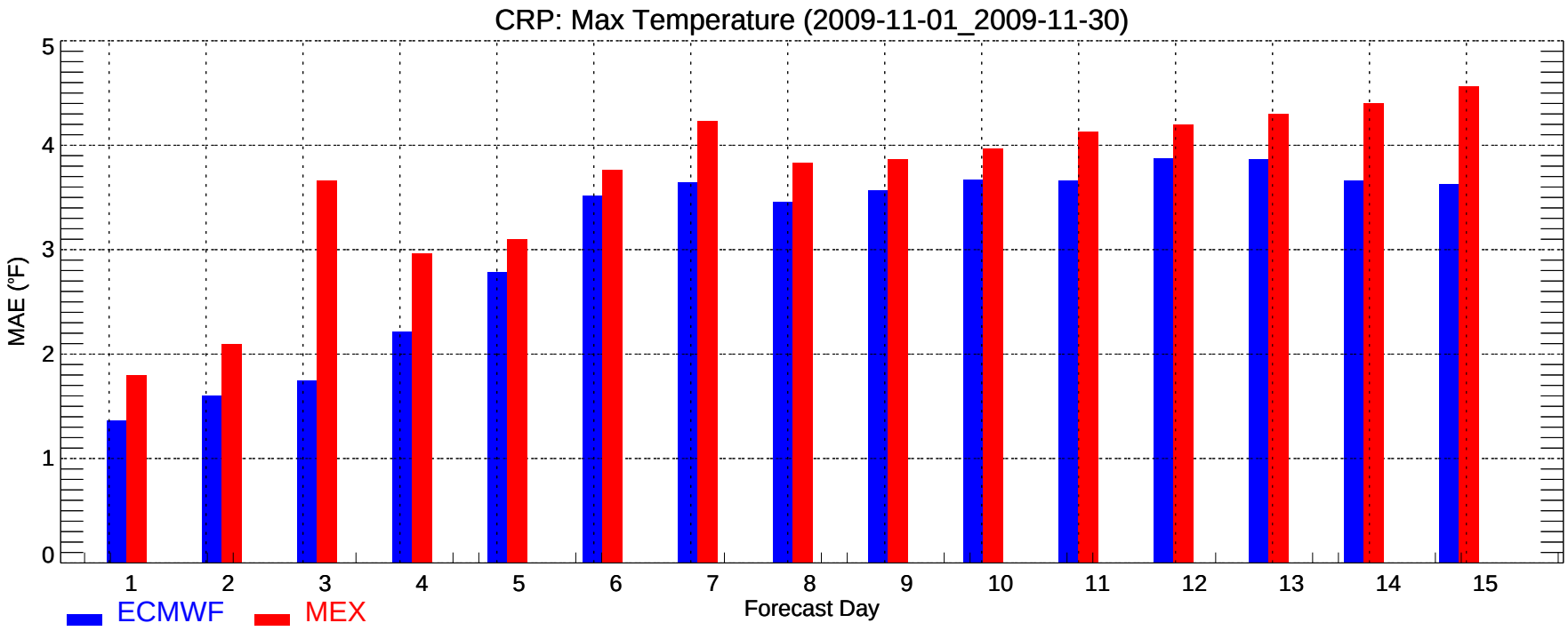
12
13
14
15
Forecast Day
ECMWF
MEX


CRP: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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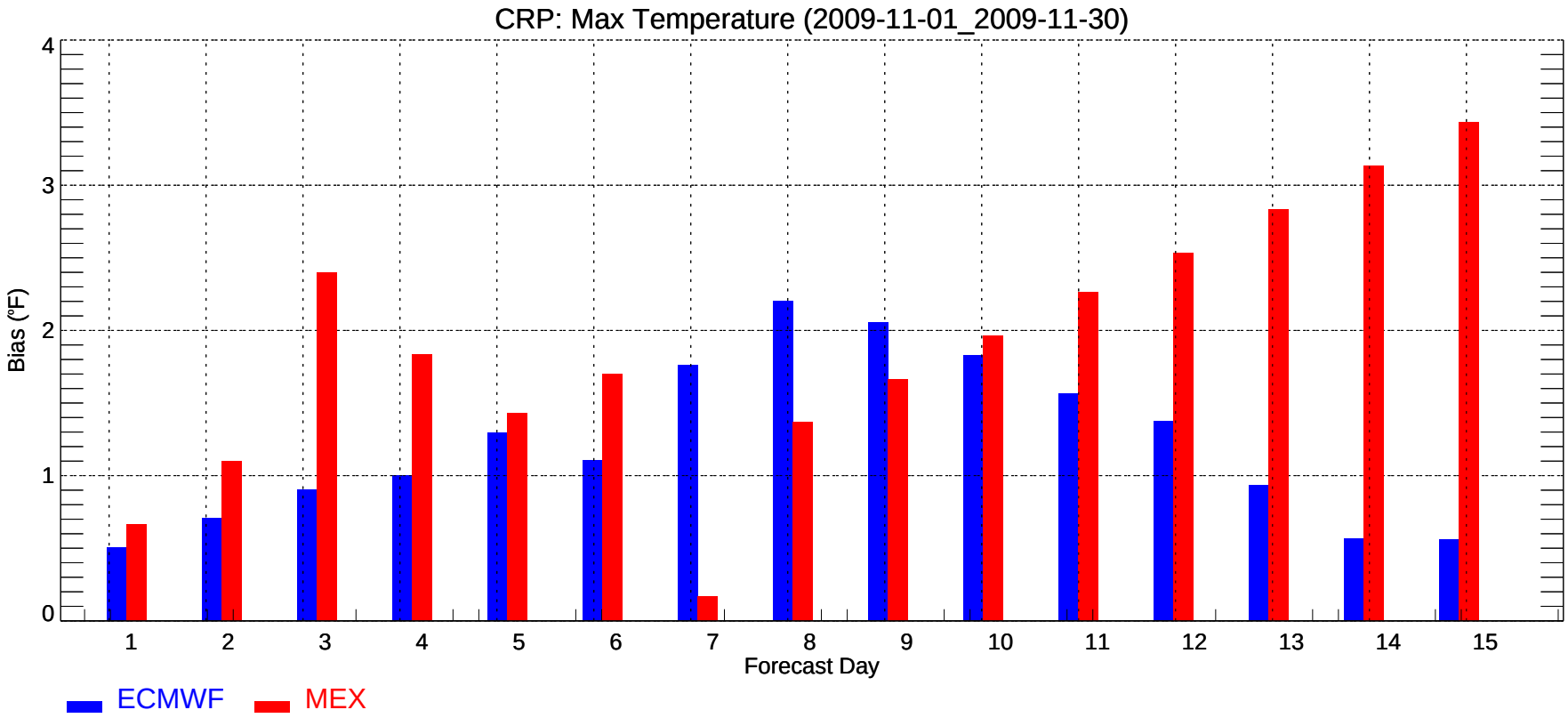
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRP: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
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10
11
12
13
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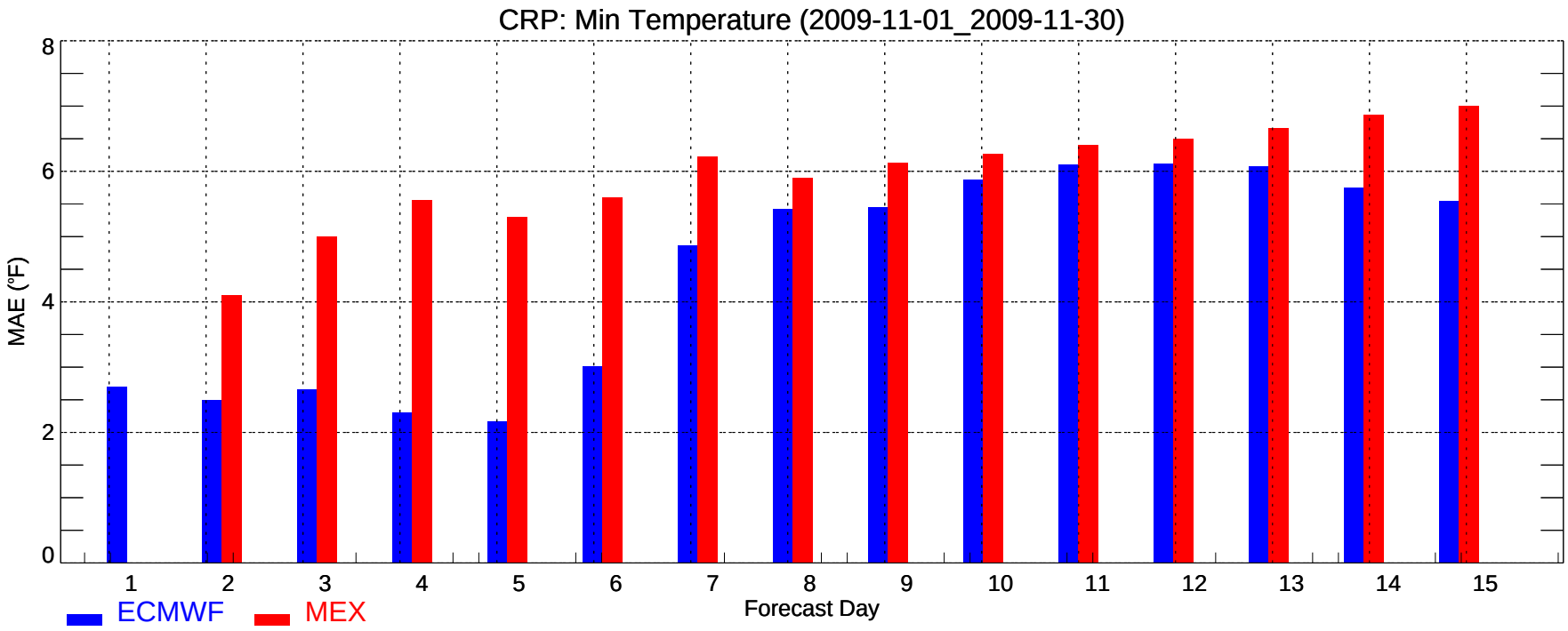
Forecast Day
ECMWF
MEX


CRP: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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11
12
13
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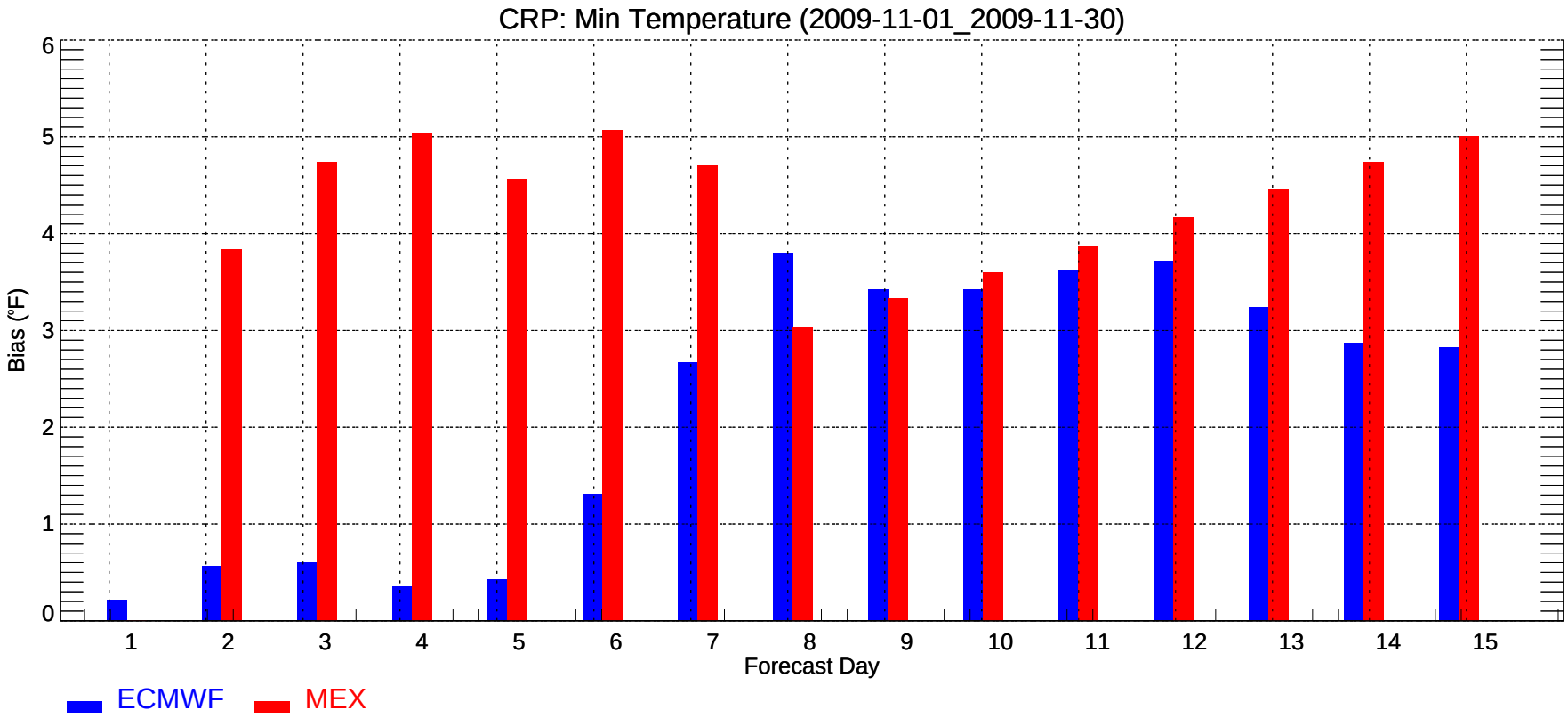
Forecast Day
ECMWF
MEX


CRP: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
1
2
3
4
5
6
1
2
3
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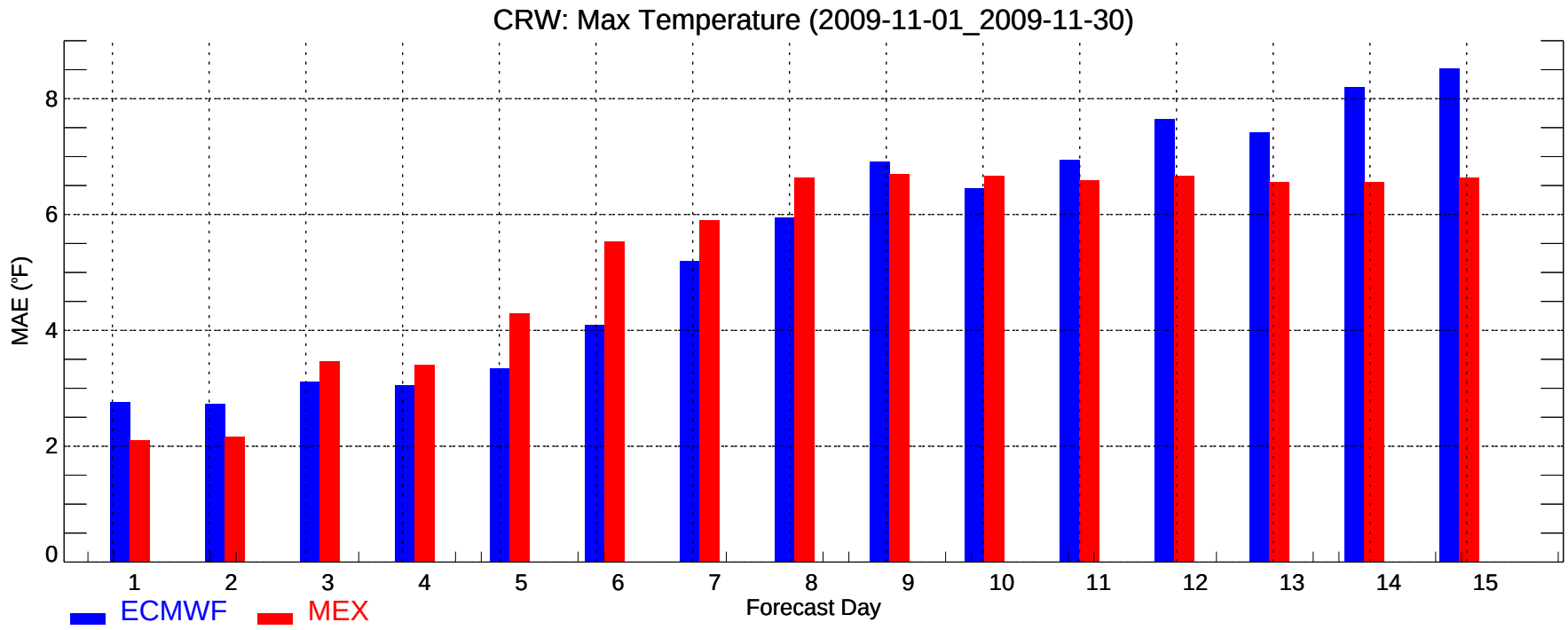
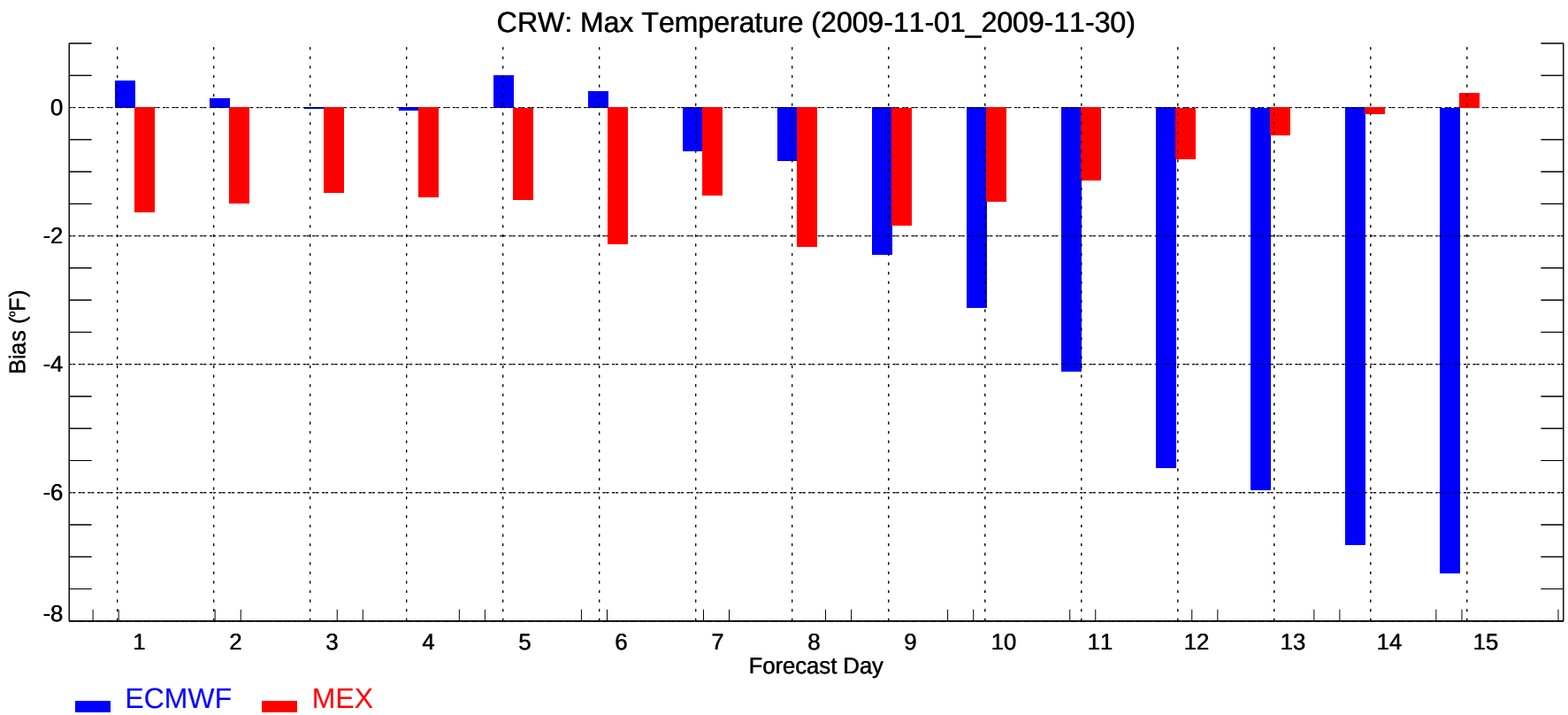
Forecast Day
ECMWF
MEX


CRW: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRW: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
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6
7
8
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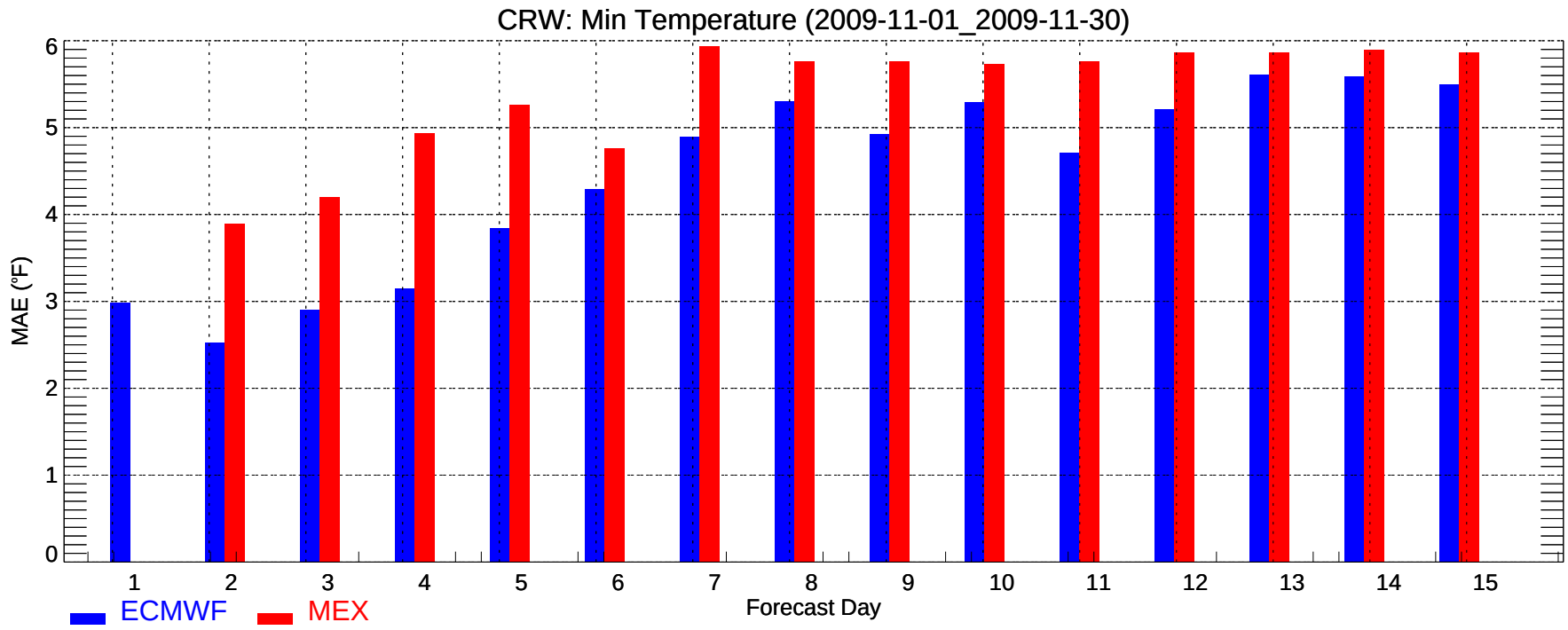
14
15
Forecast Day
ECMWF
MEX


CRW: Min Temperature (2009-11-01_2009-11-30)
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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13
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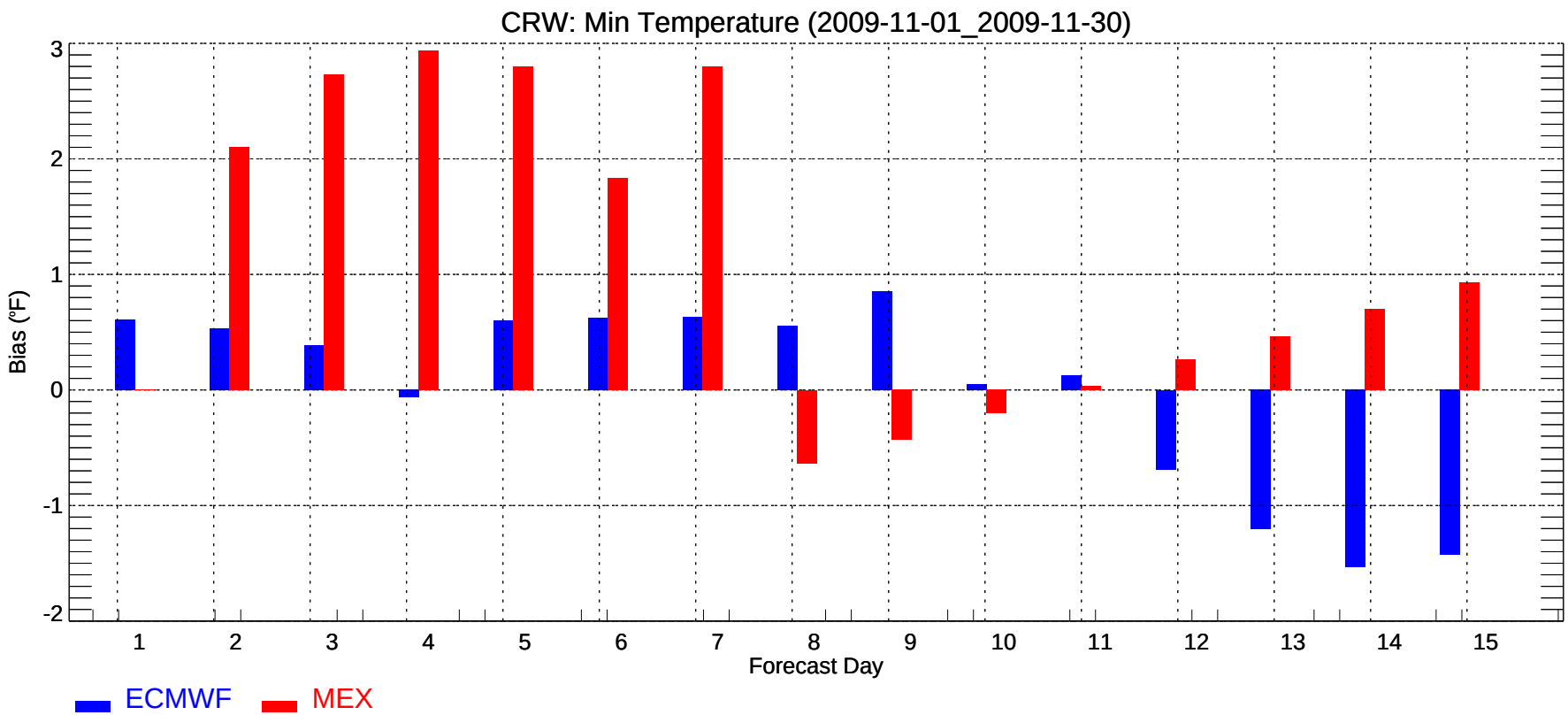
Forecast Day
ECMWF
MEX


CRW: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
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12
13
14
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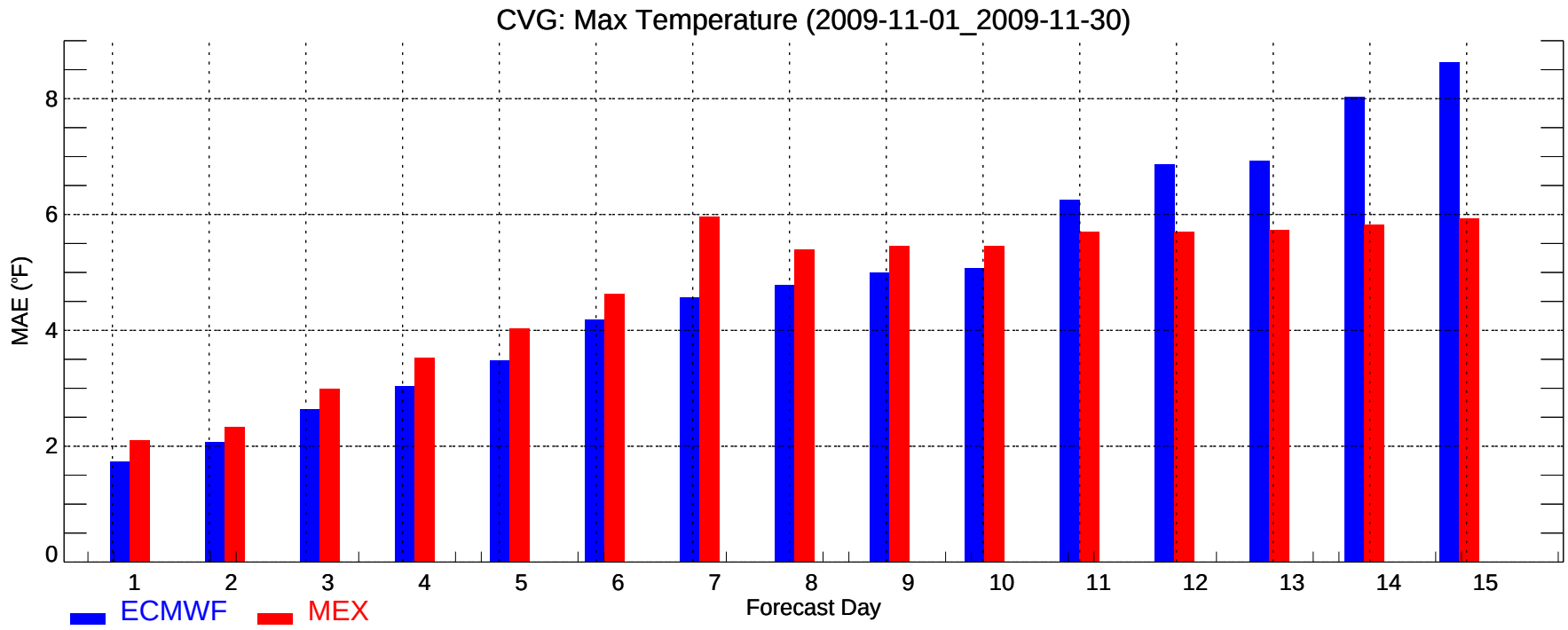
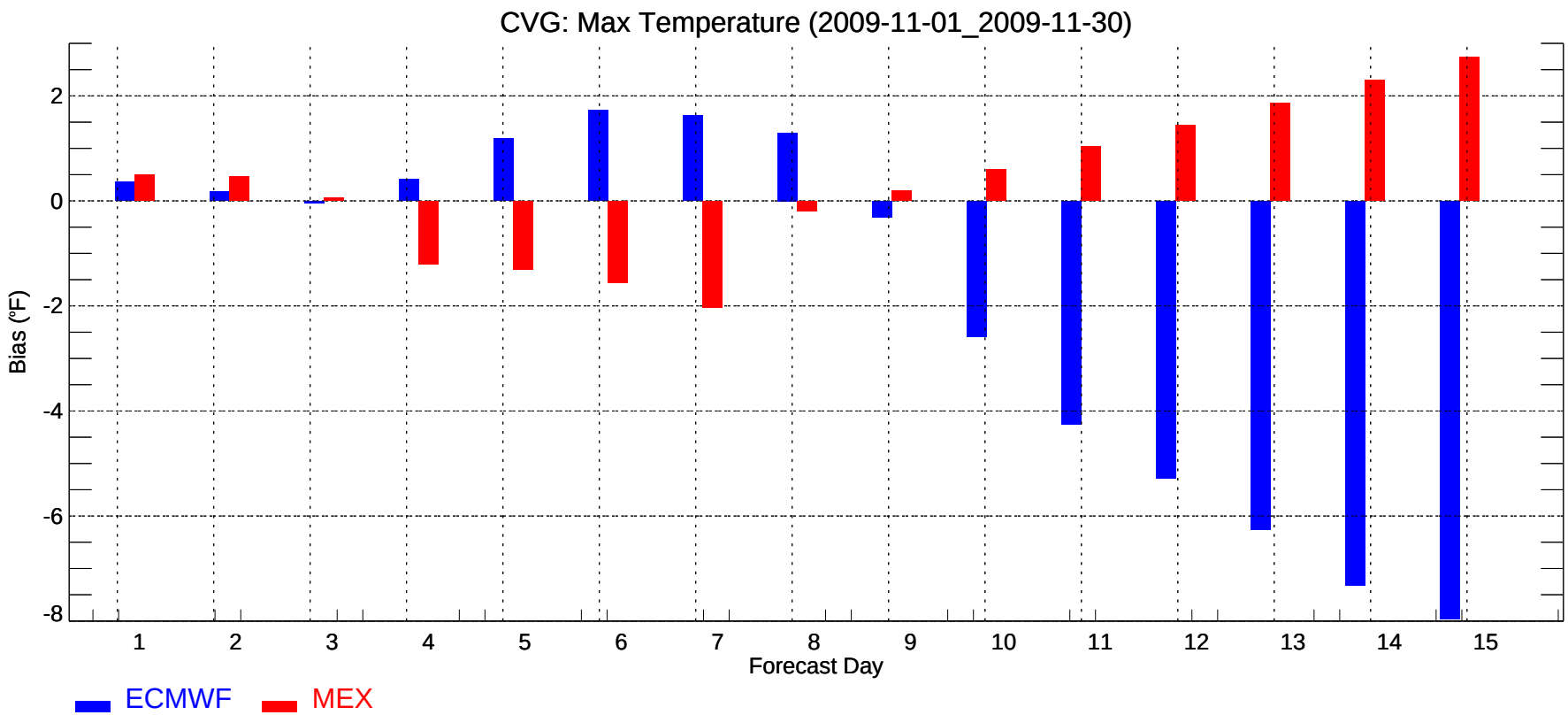
Forecast Day
ECMWF
MEX


CVG: Max Temperature (2009-11-01_2009-11-30)
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


CVG: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
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8
9
10
11
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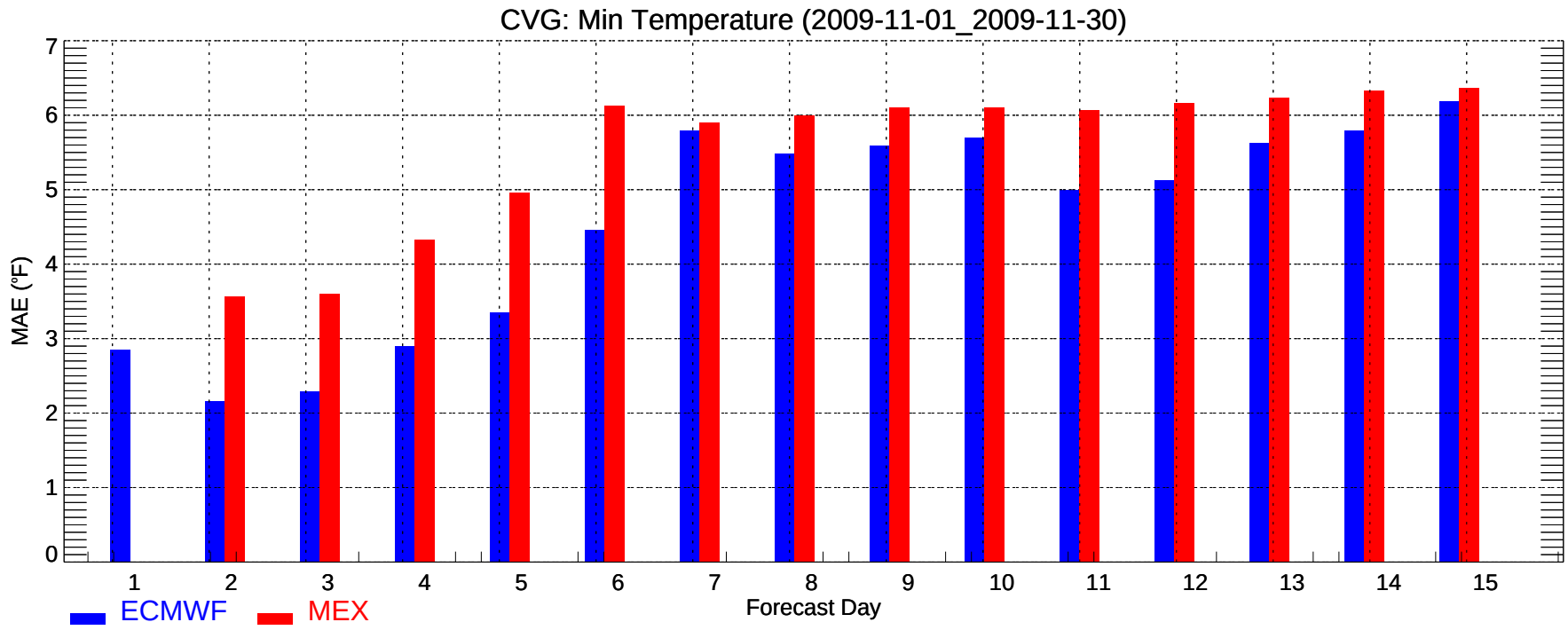
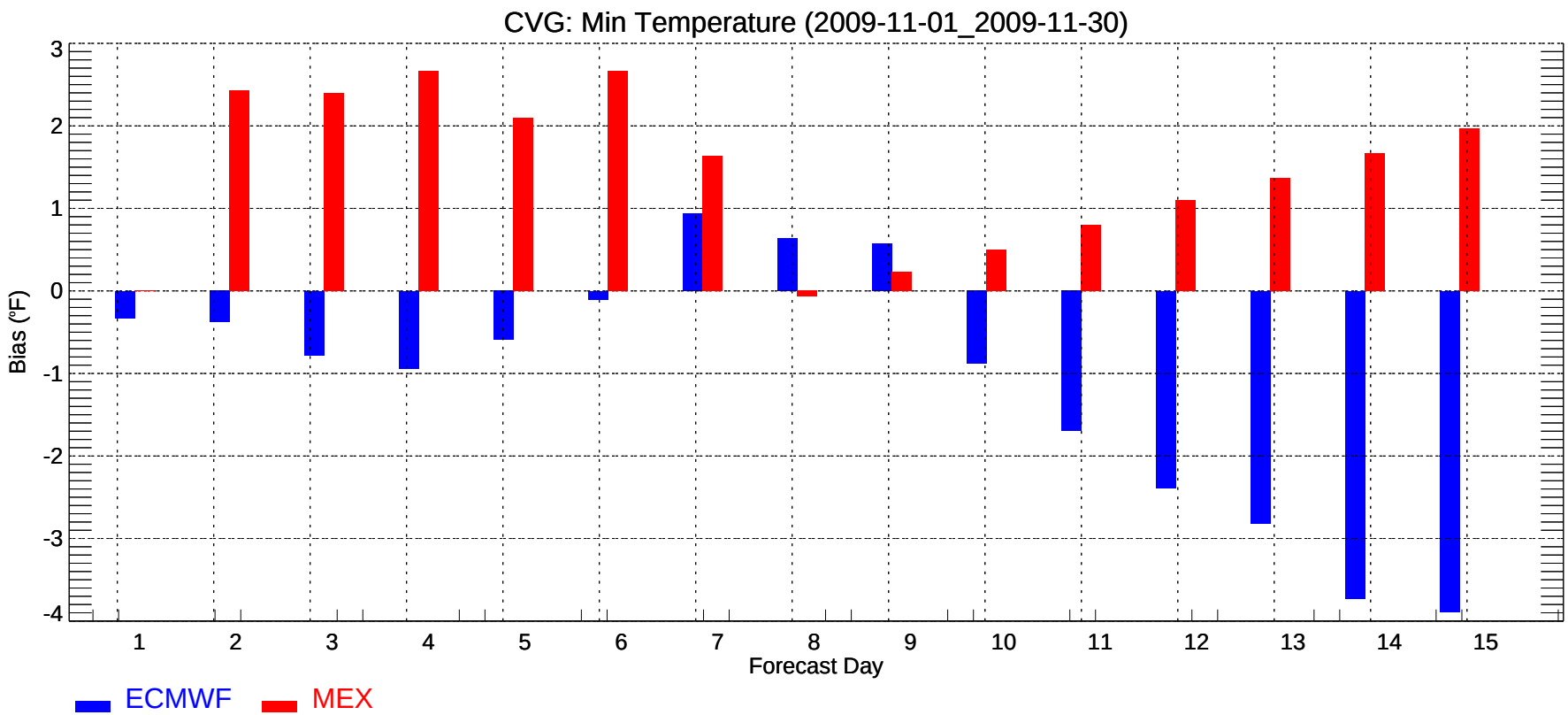
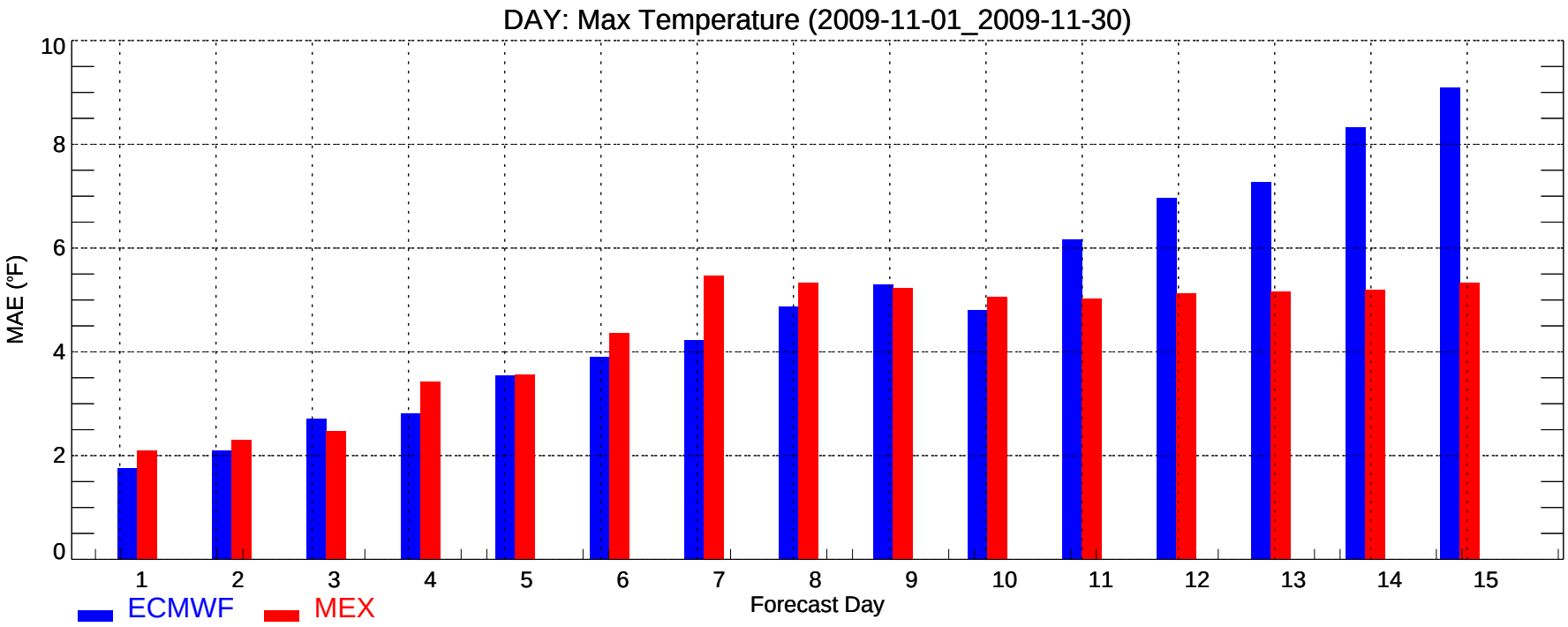
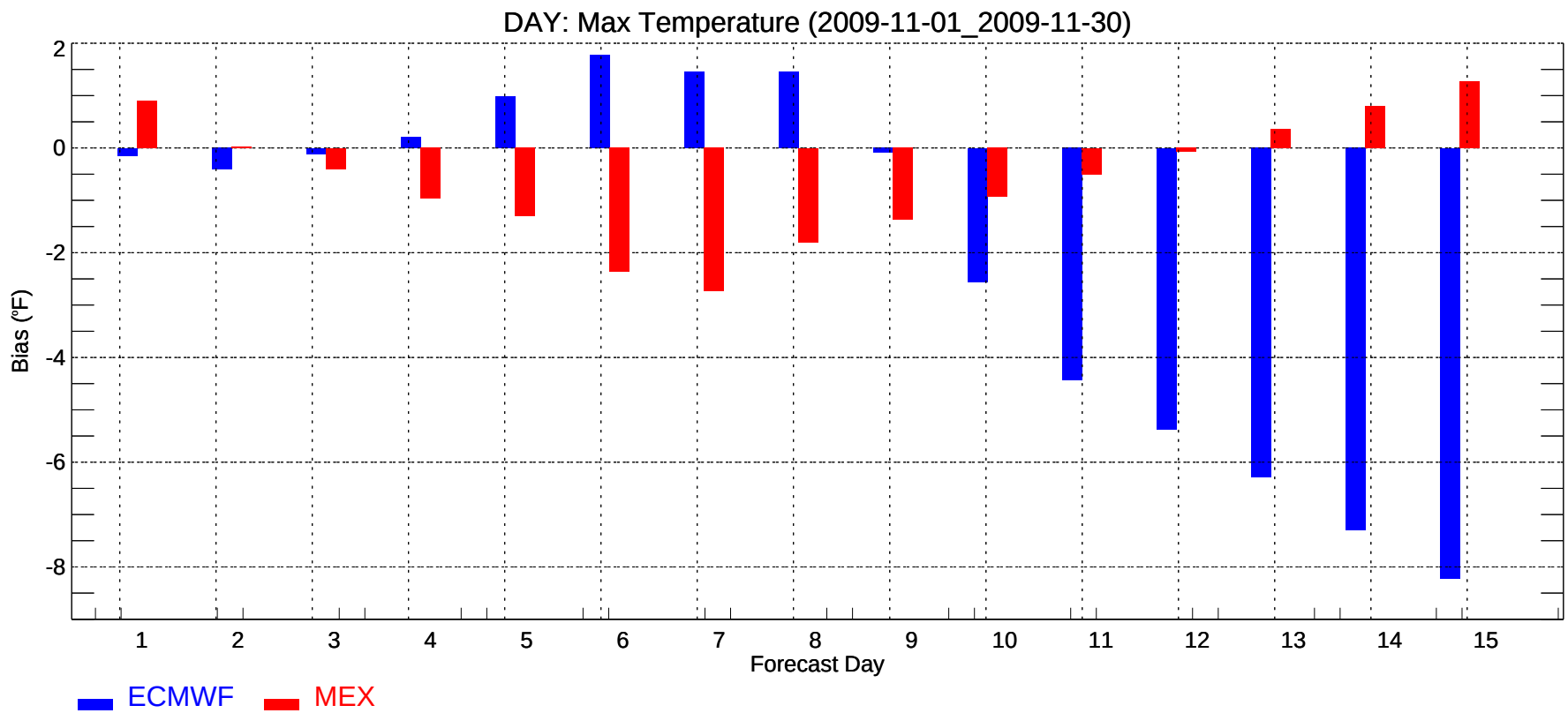
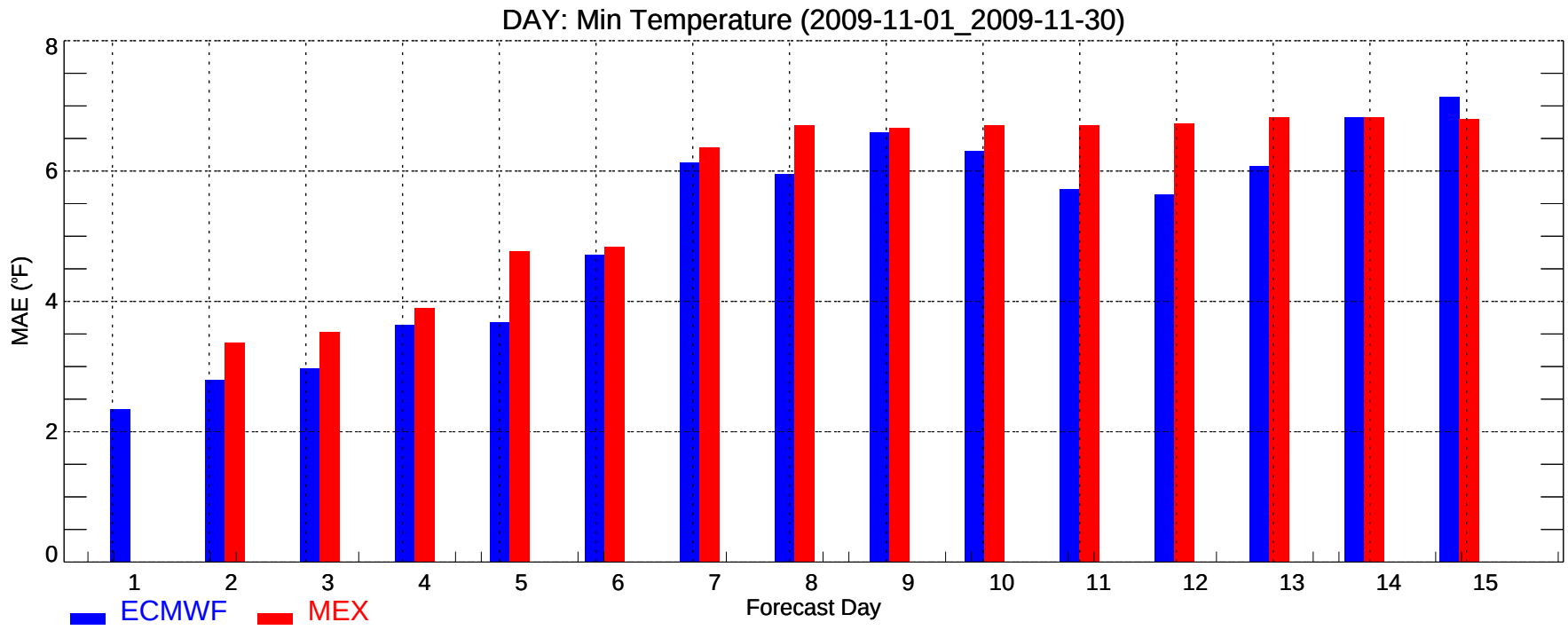
13
14
15
Forecast Day
ECMWF
MEX

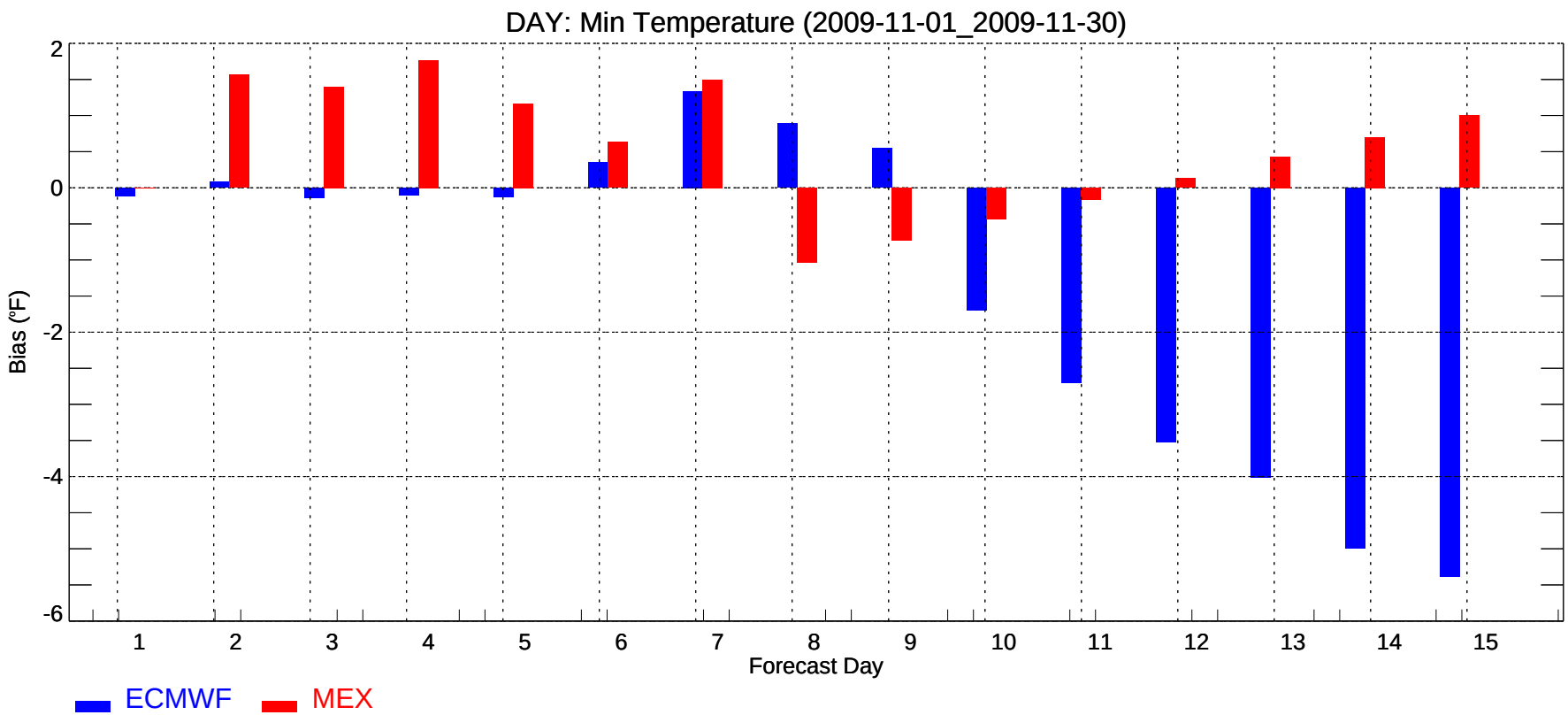

CVG: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

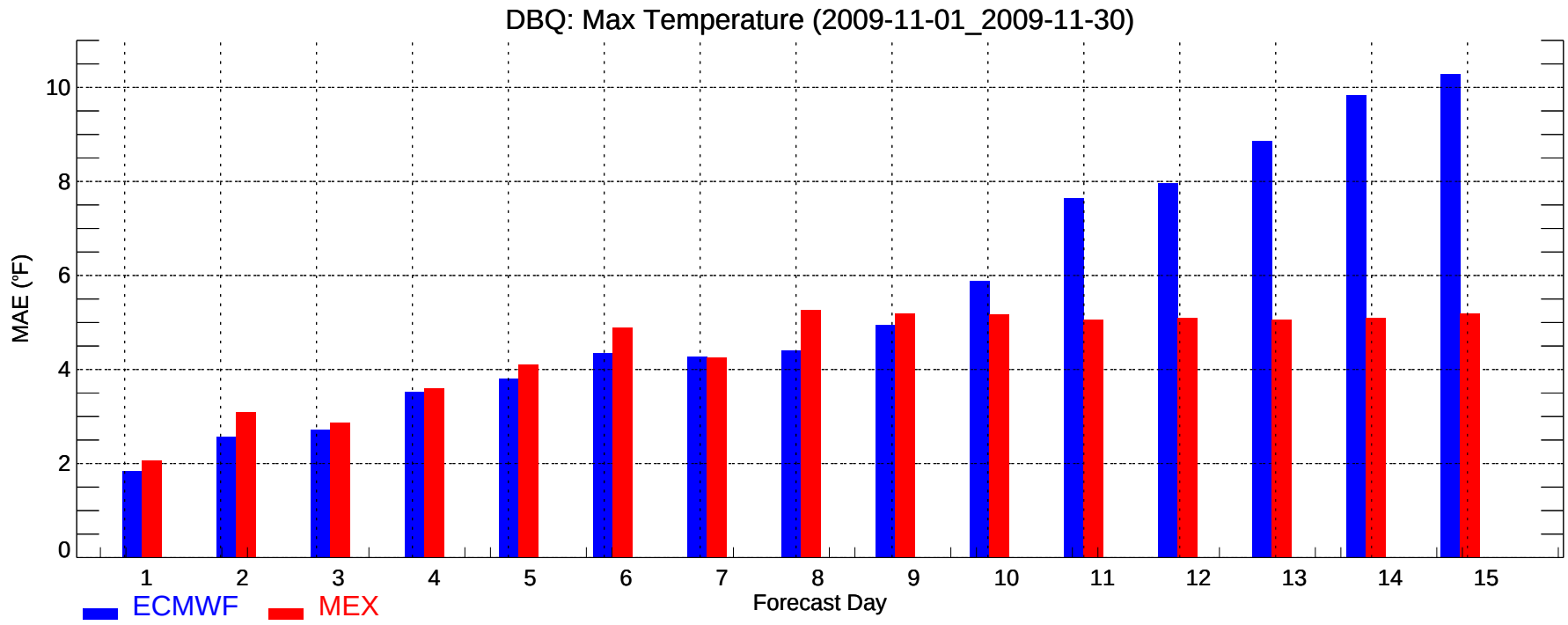

CVG: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DAY: Max Temperature (2009-11-01_2009-11-30)
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


DAY: Max Temperature (2009-11-01_2009-11-30)
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


DAY: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
8
6
4
2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DAY: Min Temperature (2009-11-01_2009-11-30)
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


DBQ: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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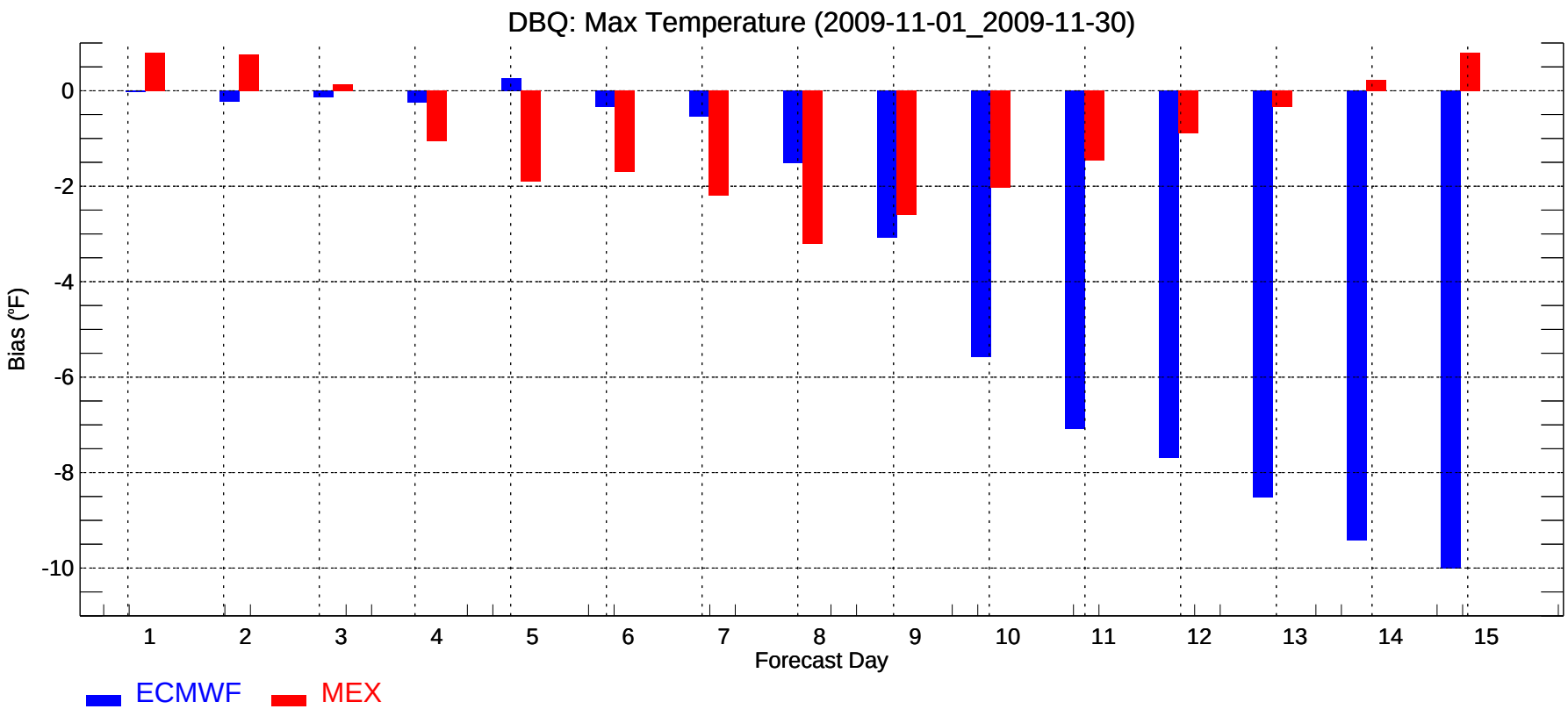
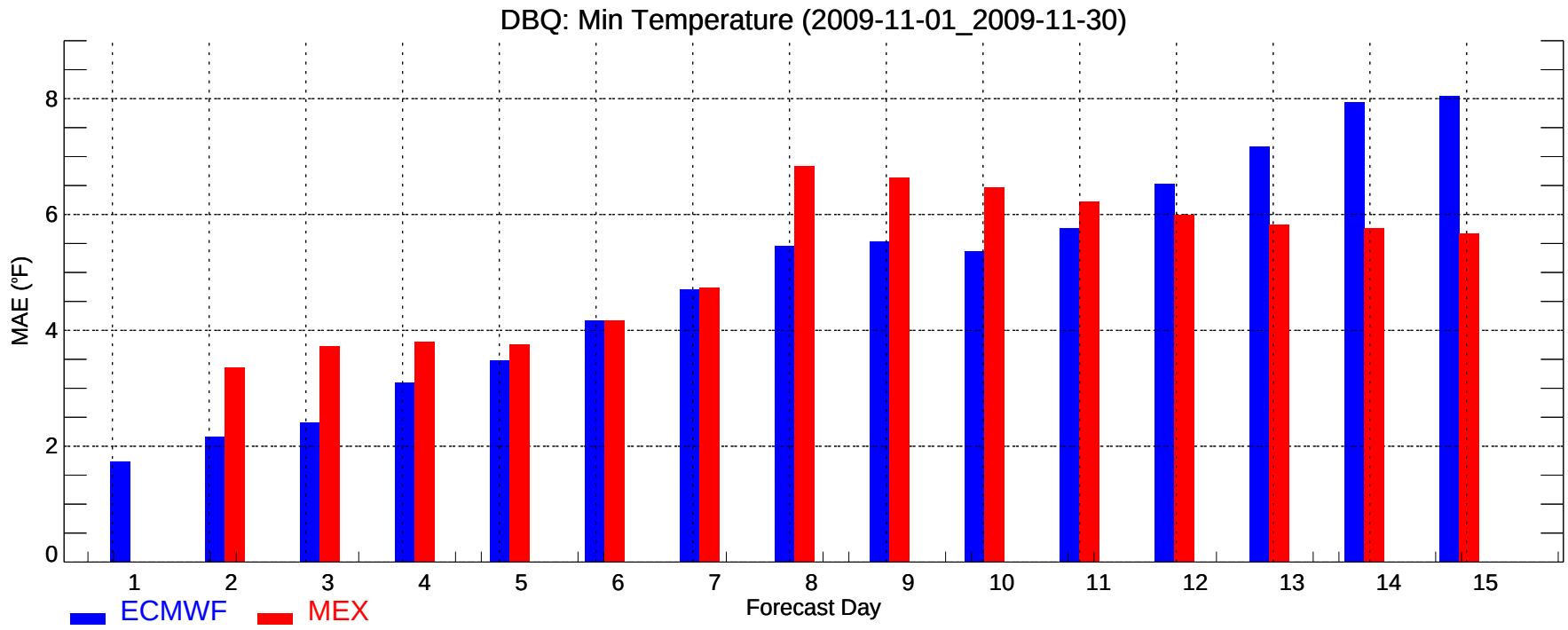
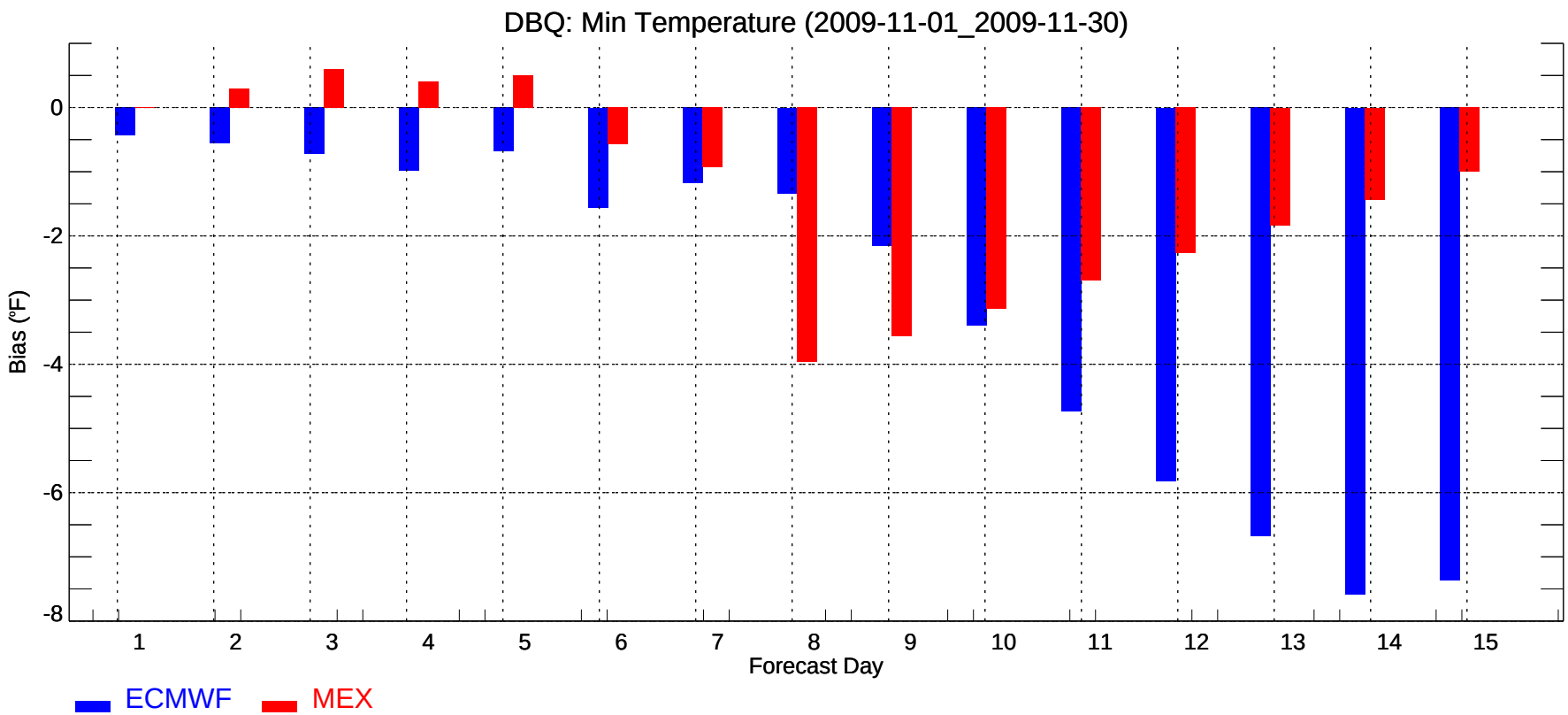
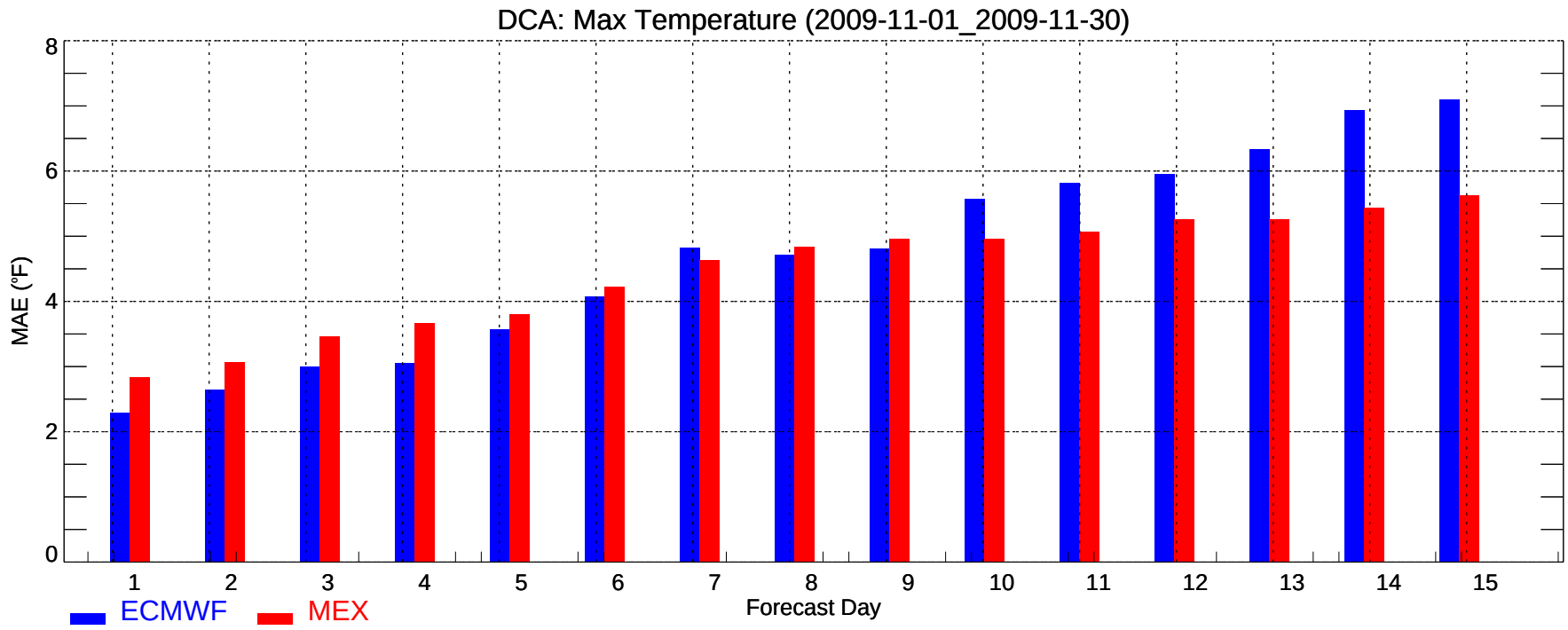
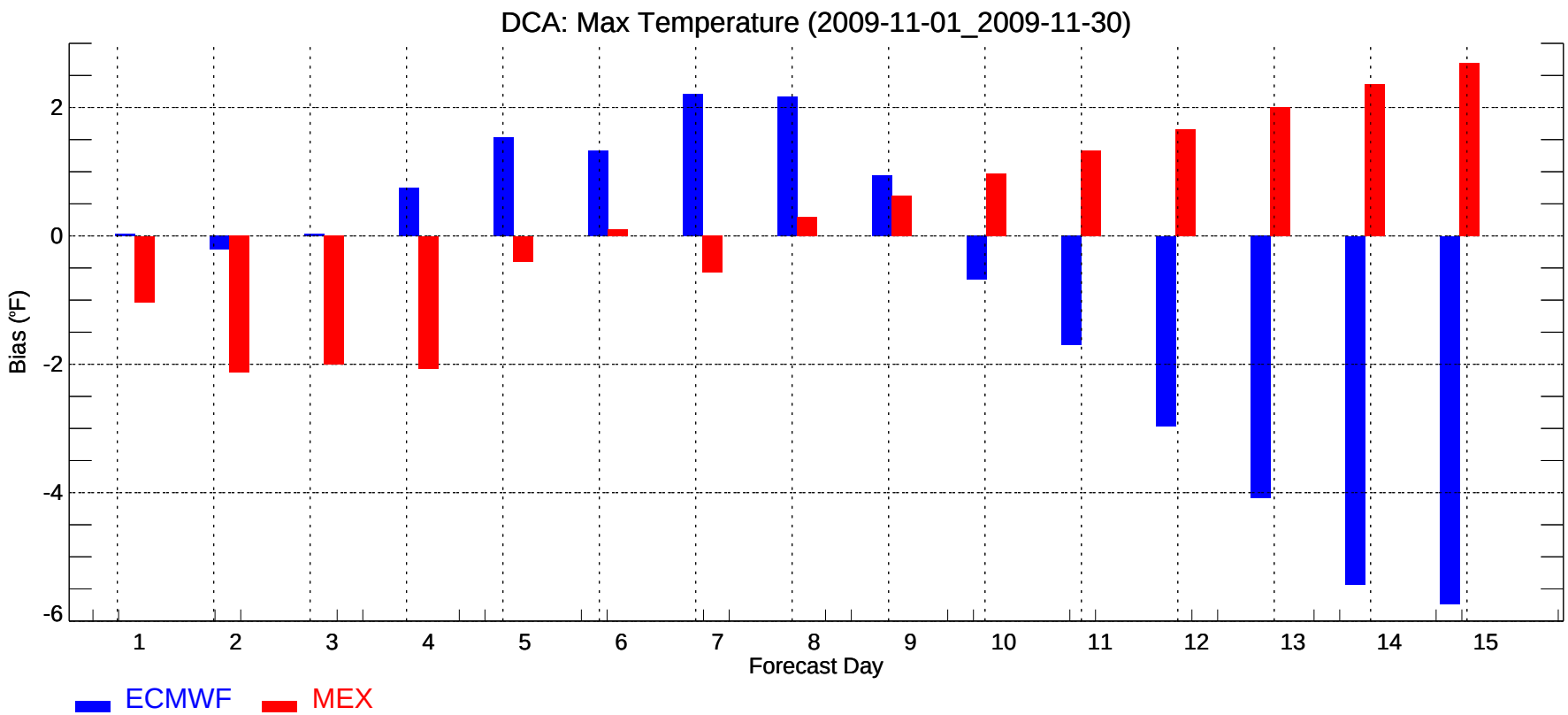
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

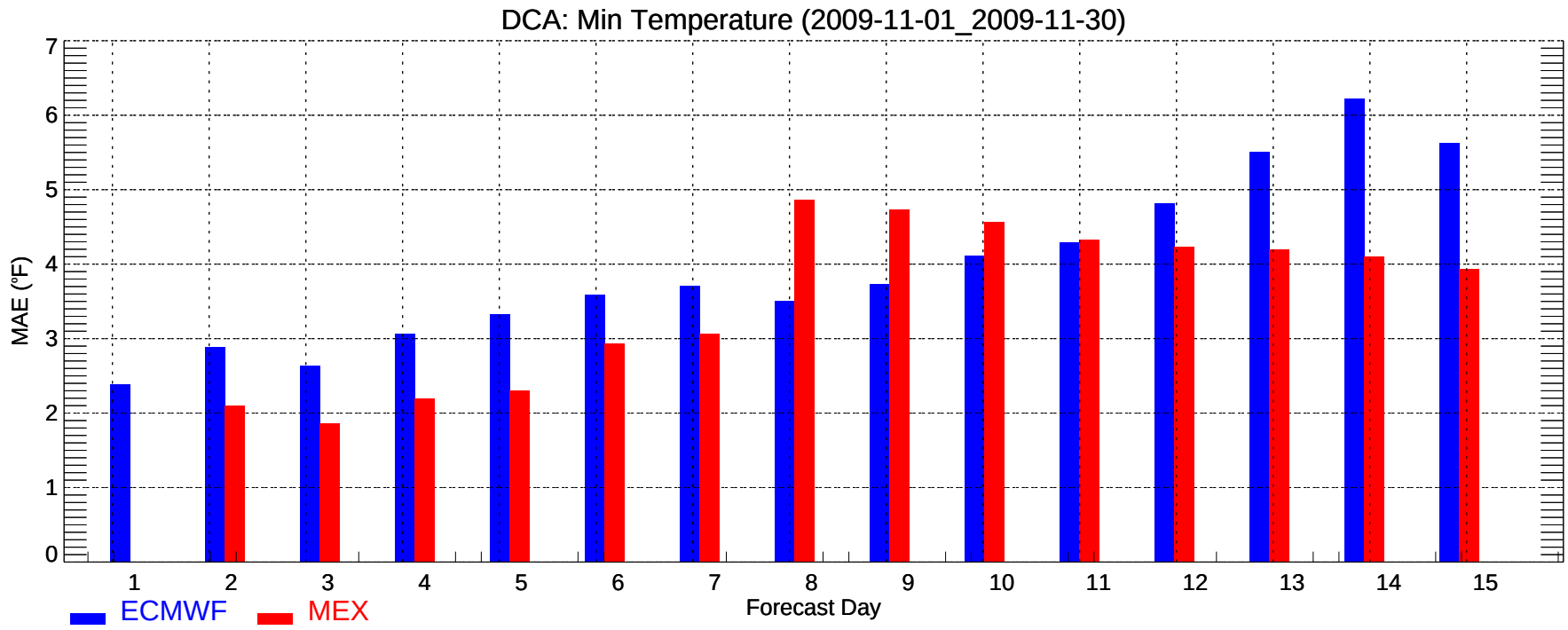

DBQ: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

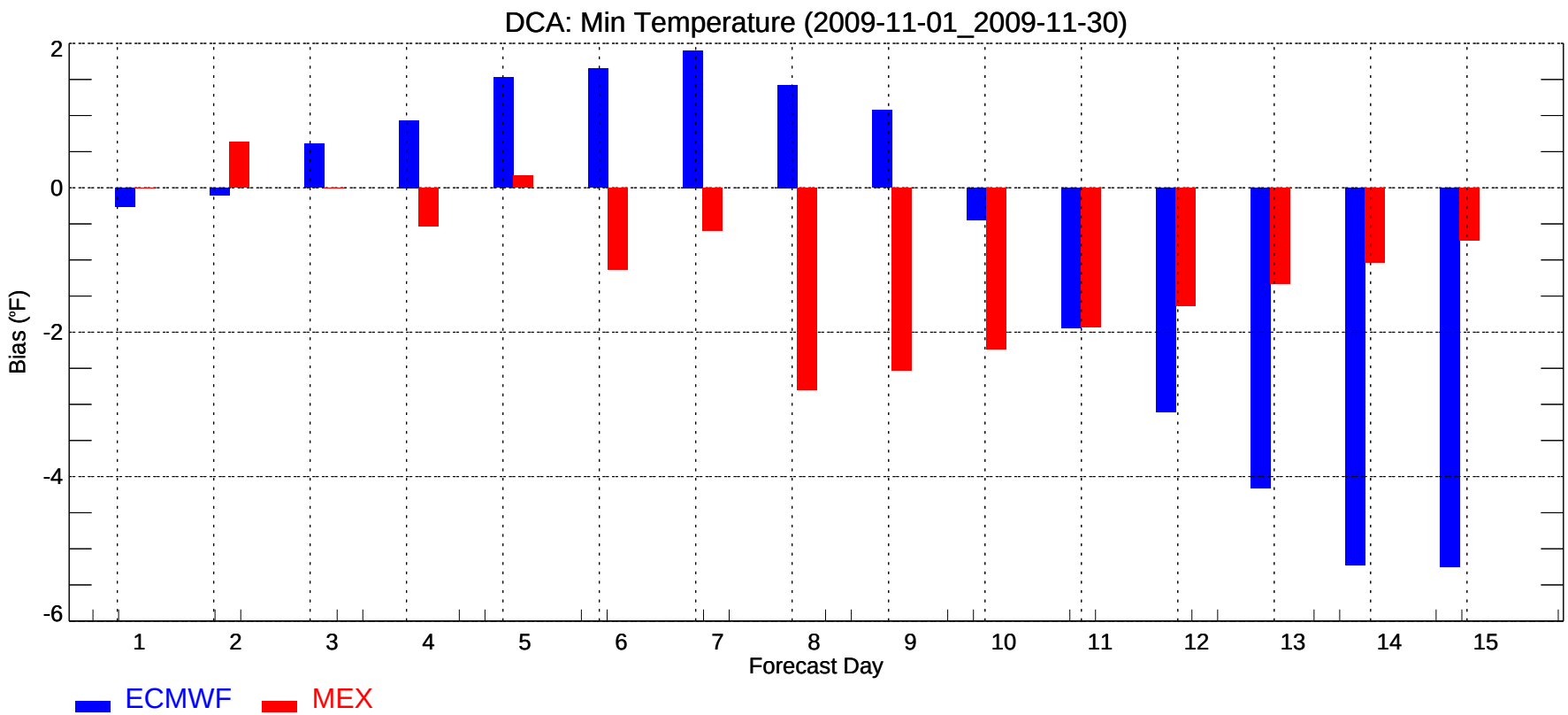

DBQ: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DBQ: Min Temperature (2009-11-01_2009-11-30)
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


DCA: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DCA: Max Temperature (2009-11-01_2009-11-30)
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


DCA: Min Temperature (2009-11-01_2009-11-30)
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


DCA: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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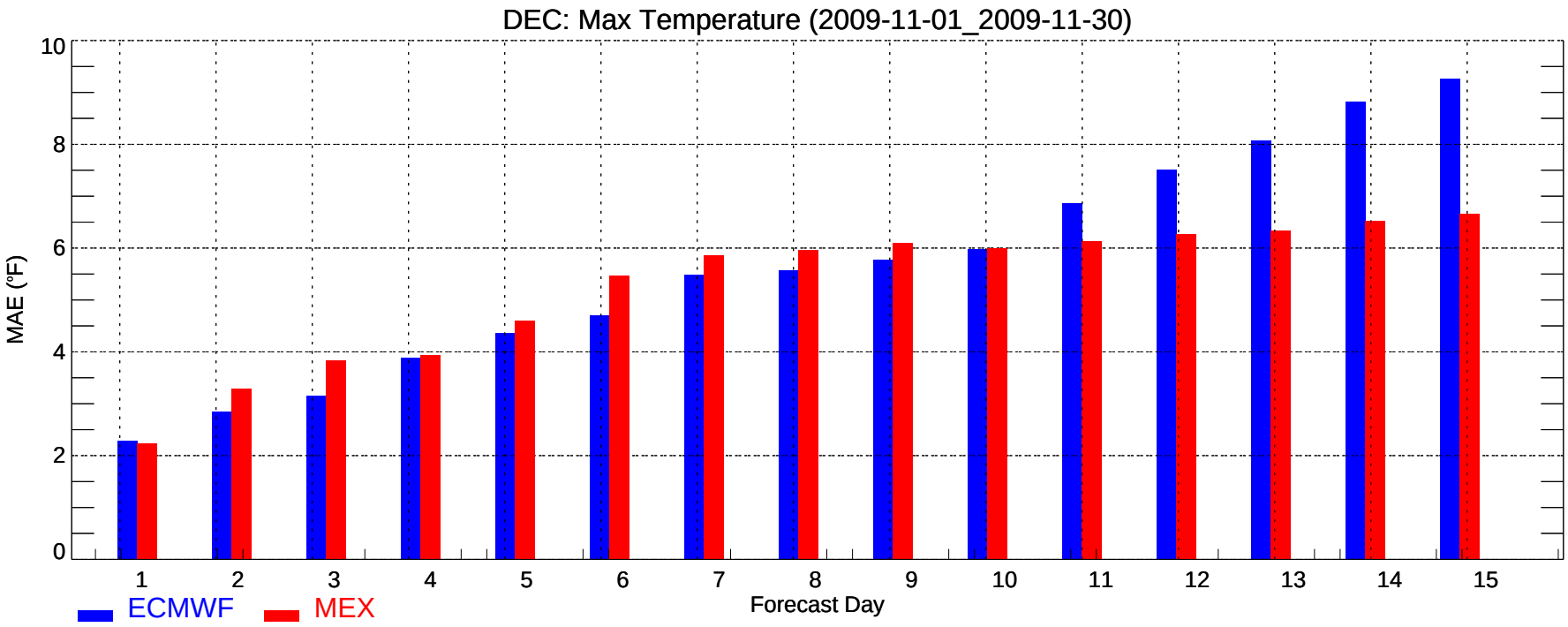
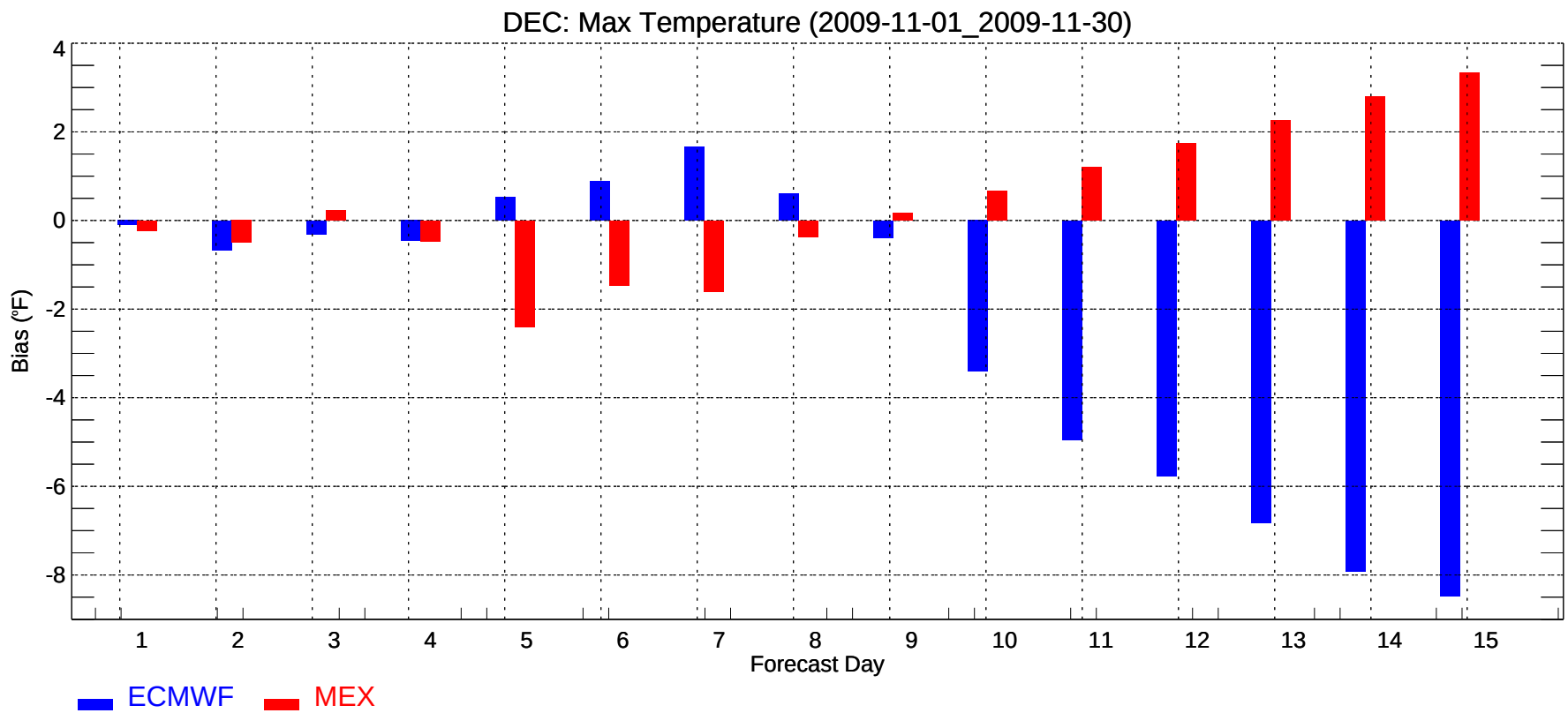
11
12
13
14
15
Forecast Day
ECMWF
MEX


DEC: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DEC: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
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5
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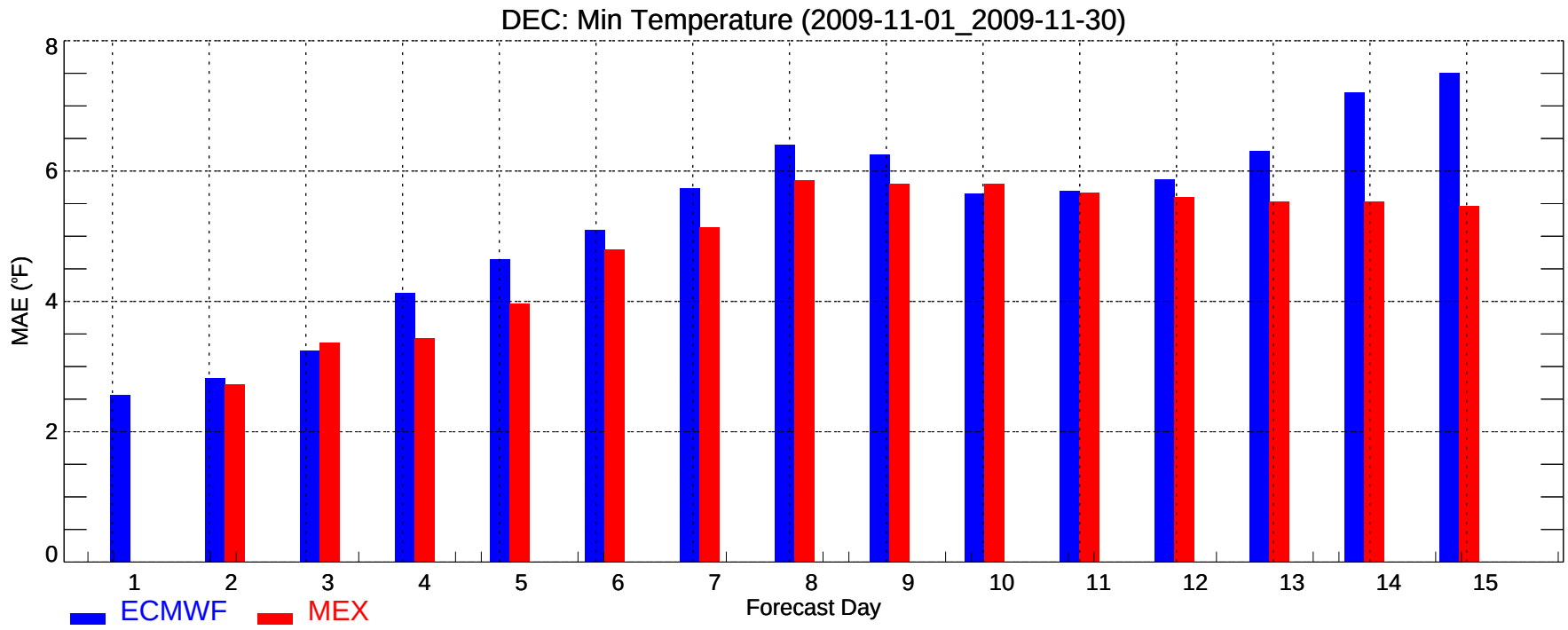
Forecast Day
ECMWF
MEX


DEC: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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5
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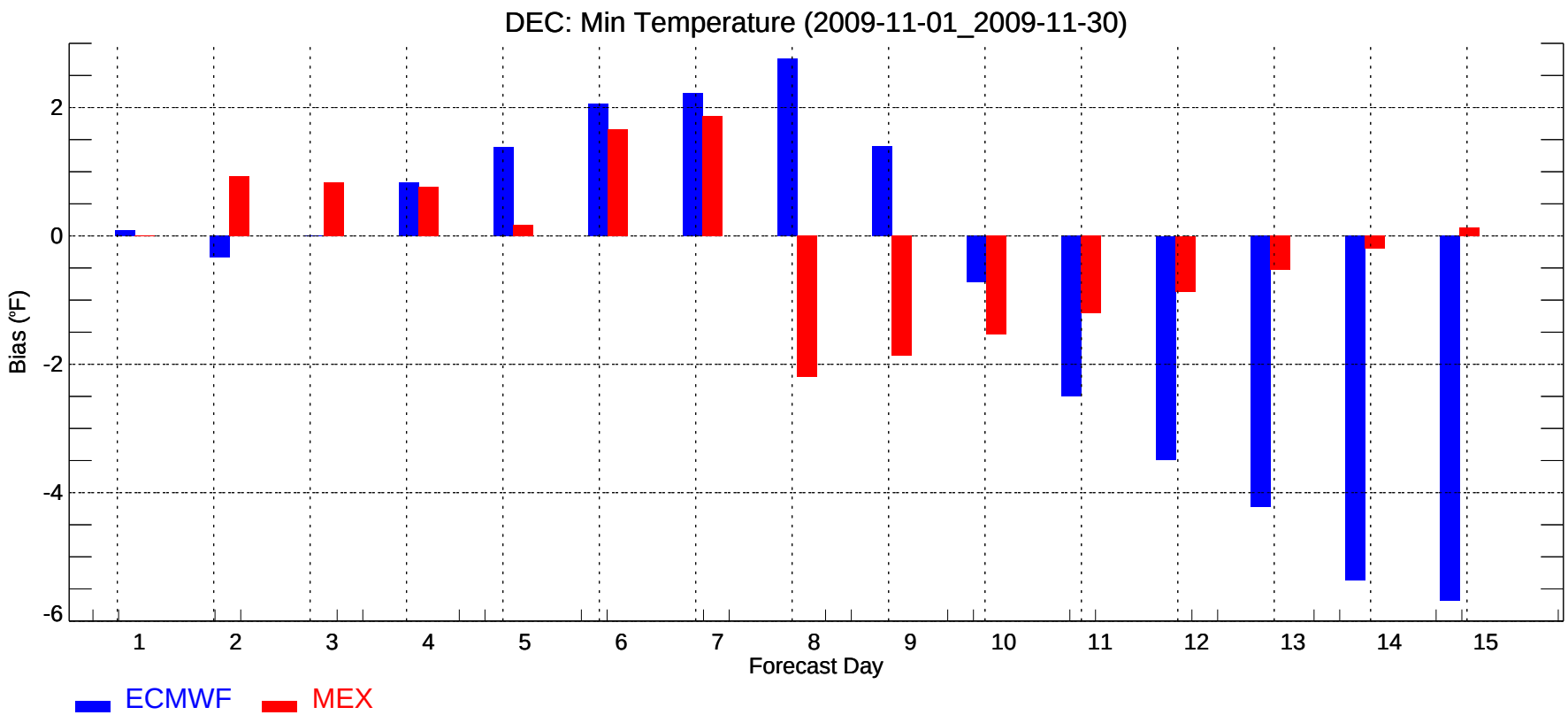
Forecast Day
ECMWF
MEX


DEC: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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13
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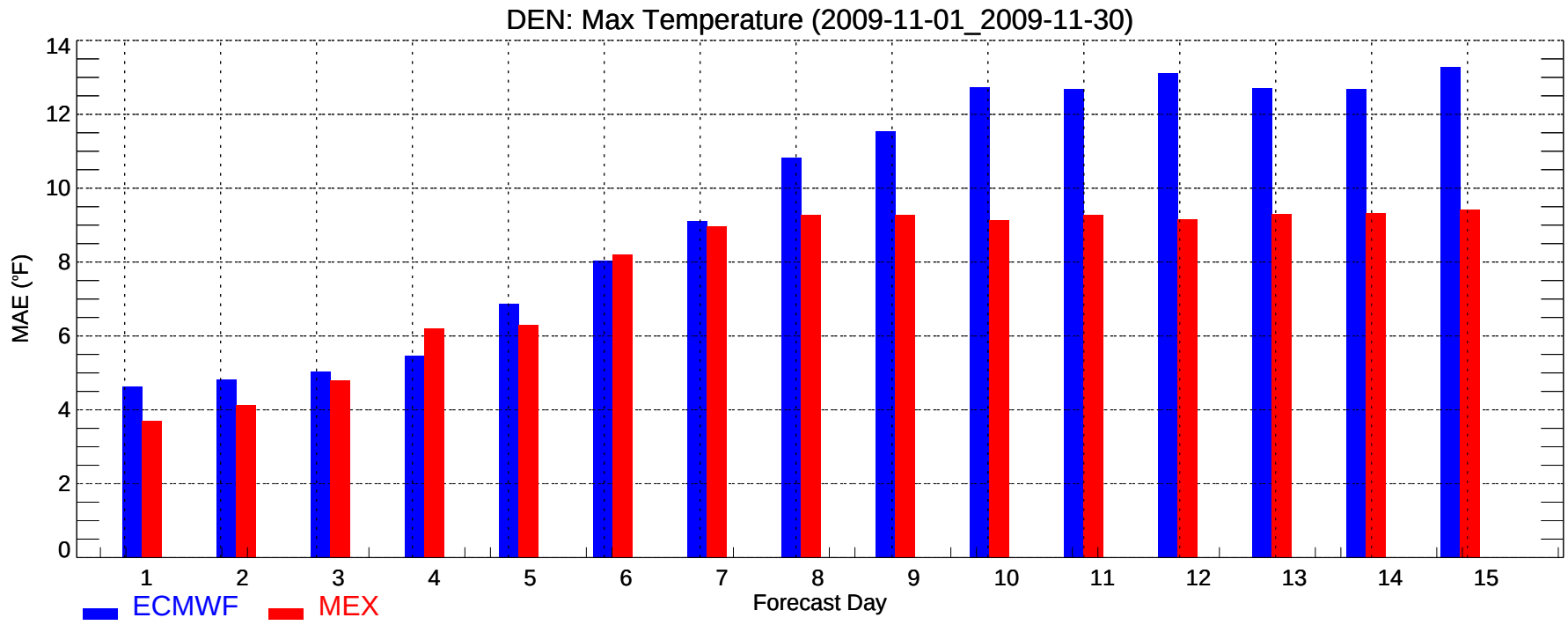
Forecast Day
ECMWF
MEX


DEN: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
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5
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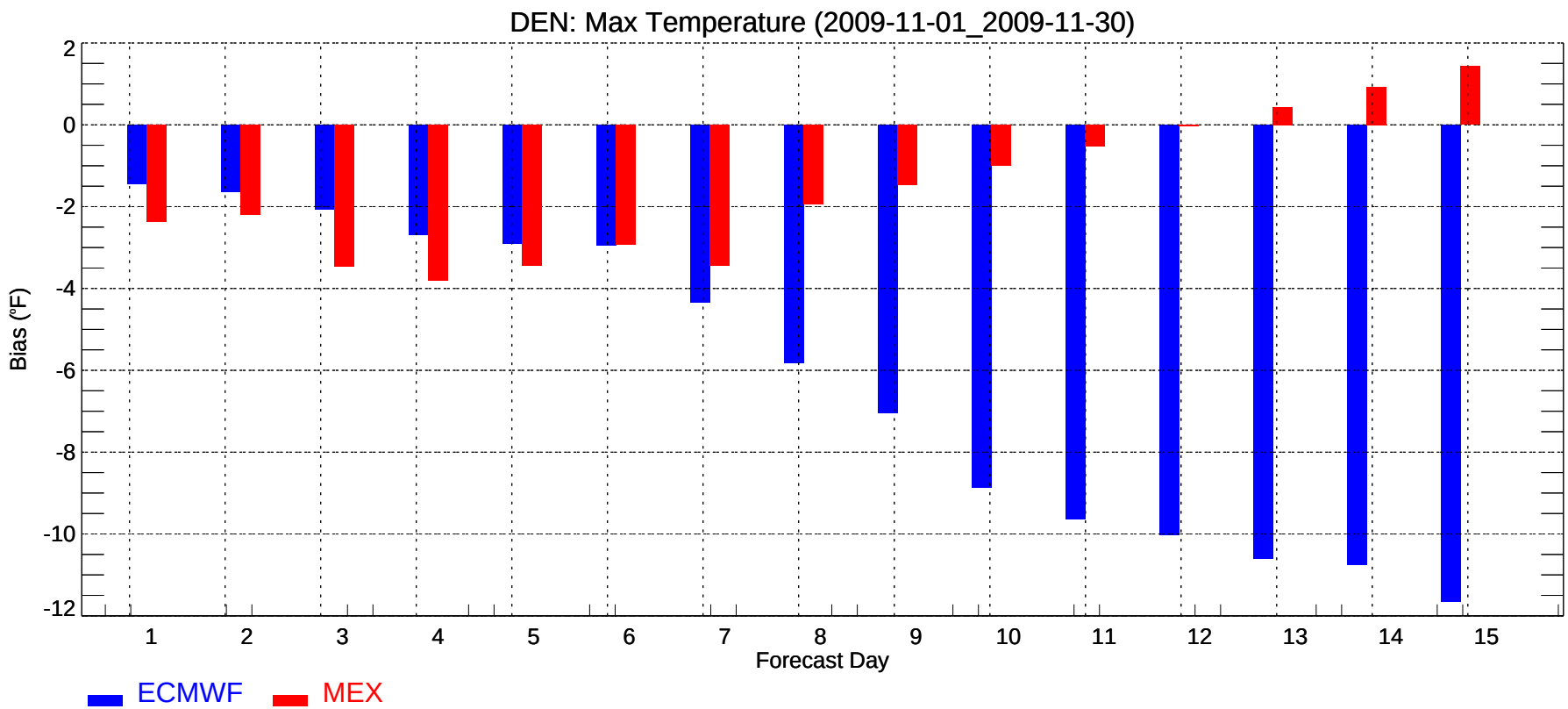
Forecast Day
ECMWF
MEX


DEN: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
-12
1
2
3
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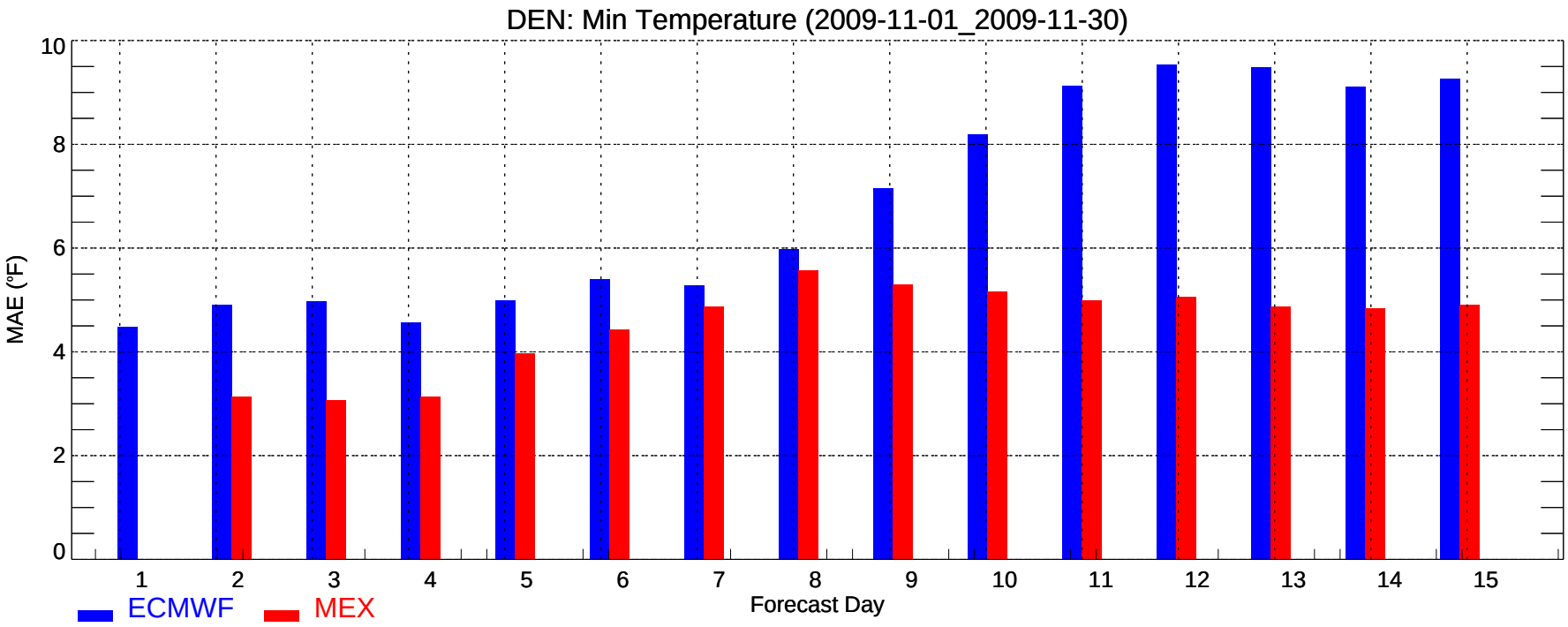
Forecast Day
ECMWF
MEX


DEN: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
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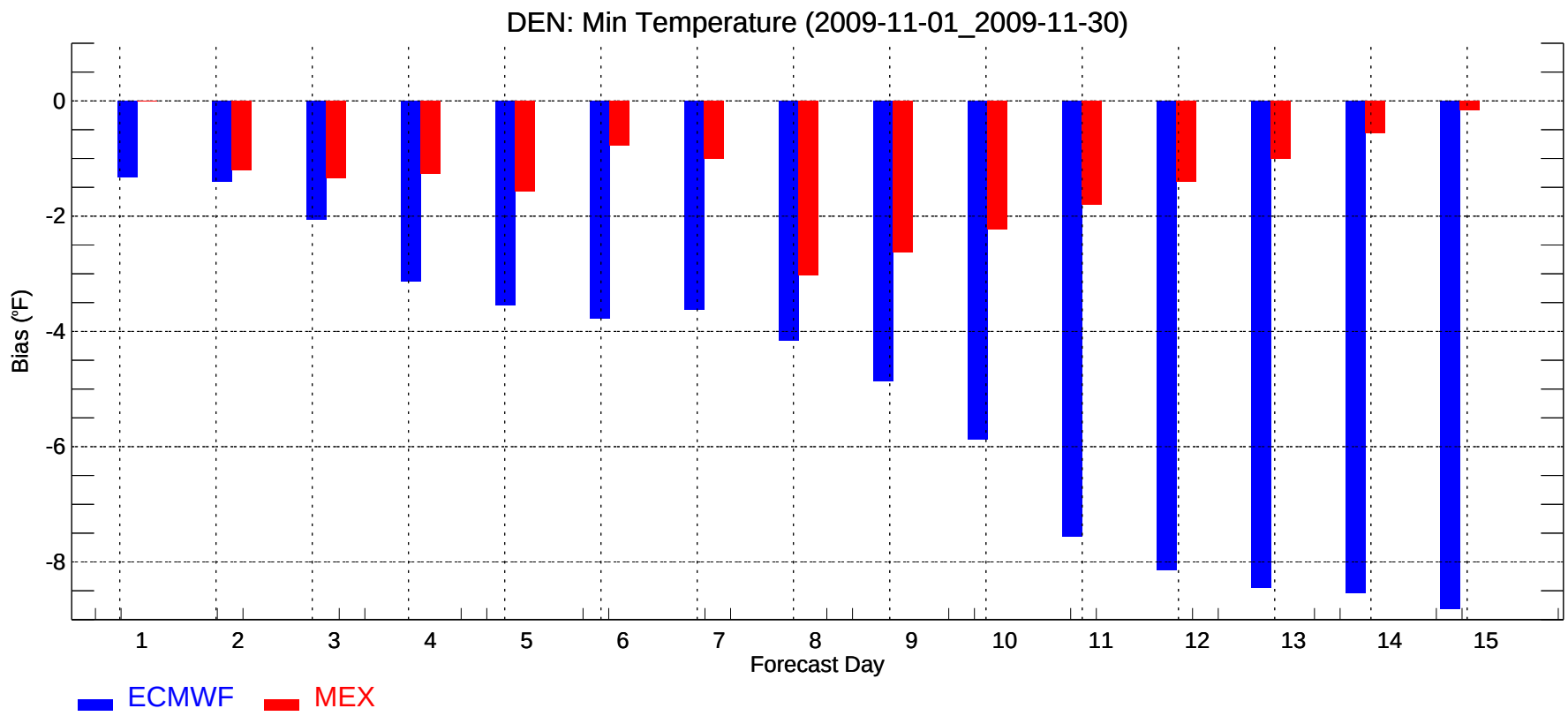
Forecast Day
ECMWF
MEX


DEN: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
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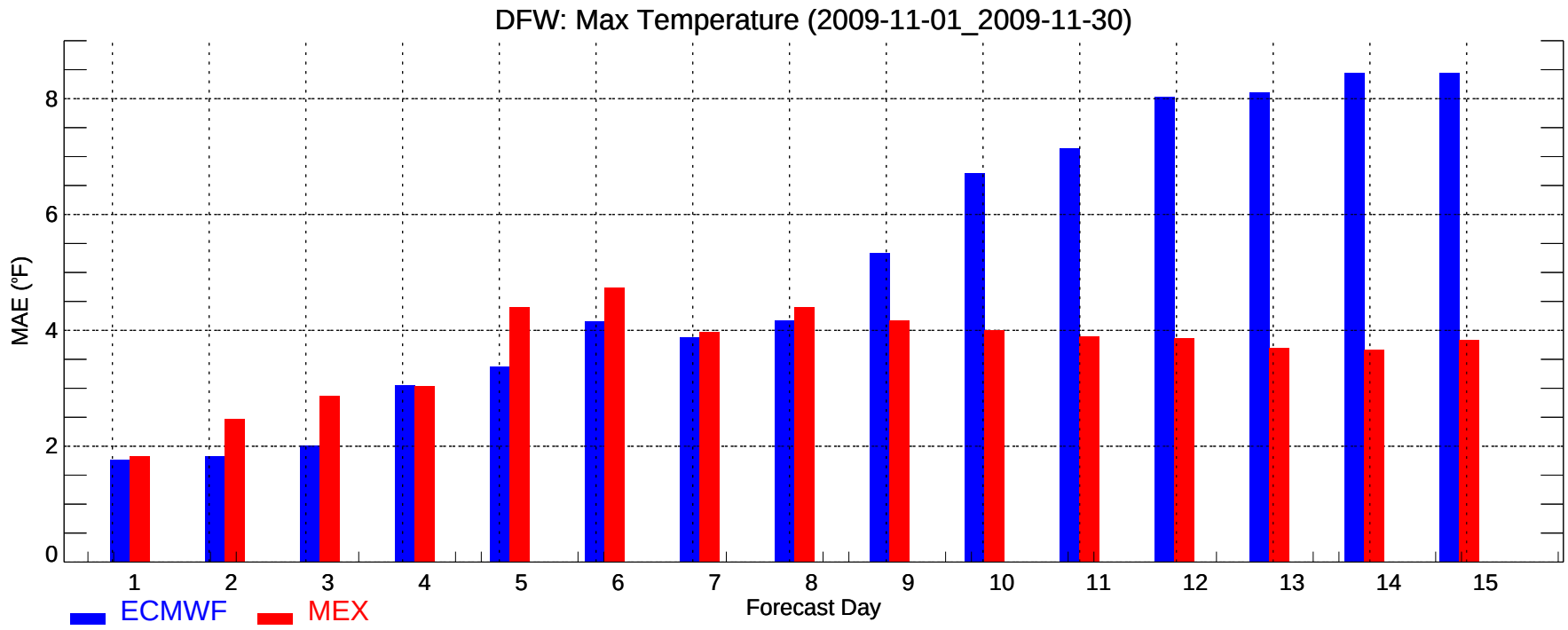
Forecast Day
ECMWF
MEX


DFW: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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6
7
8
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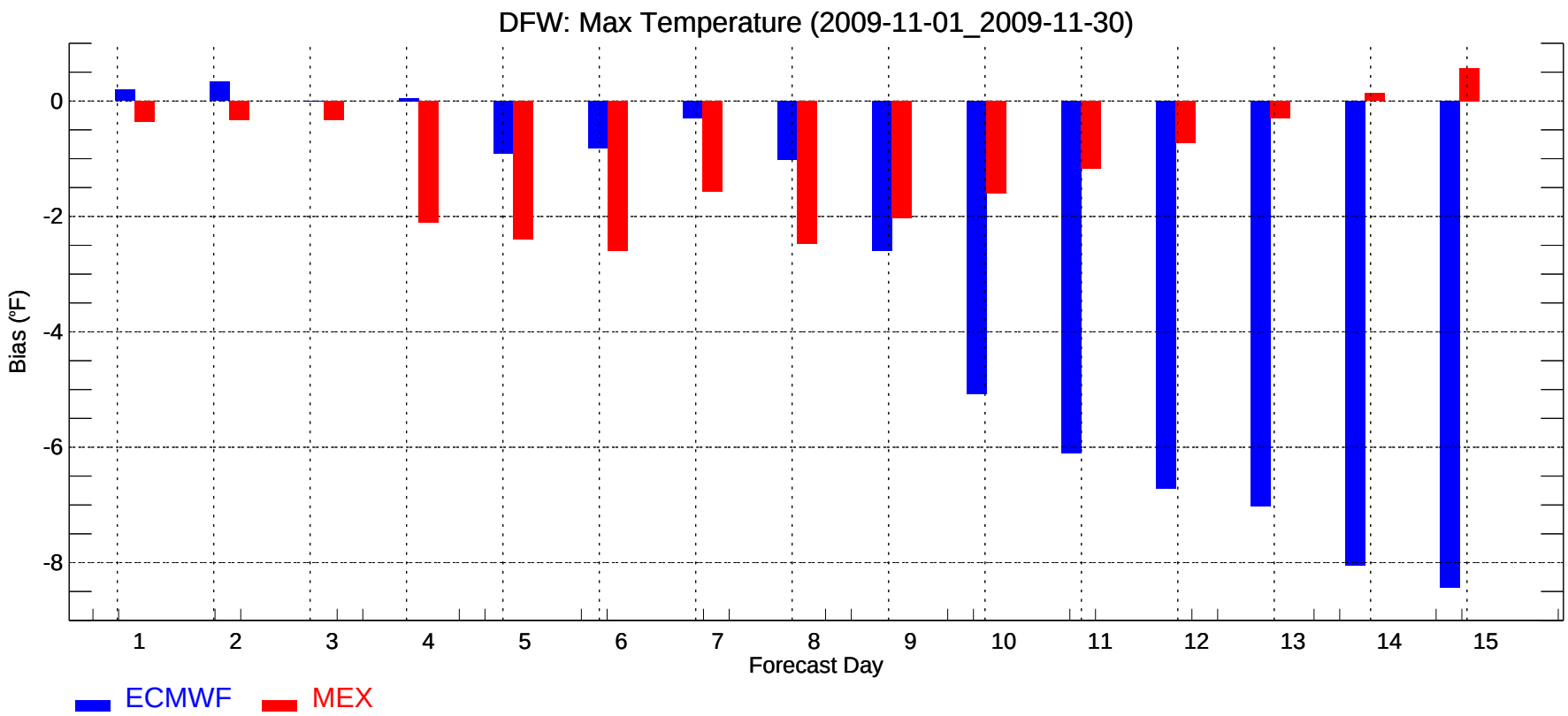
11
12
13
14
15
Forecast Day
ECMWF
MEX


DFW: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
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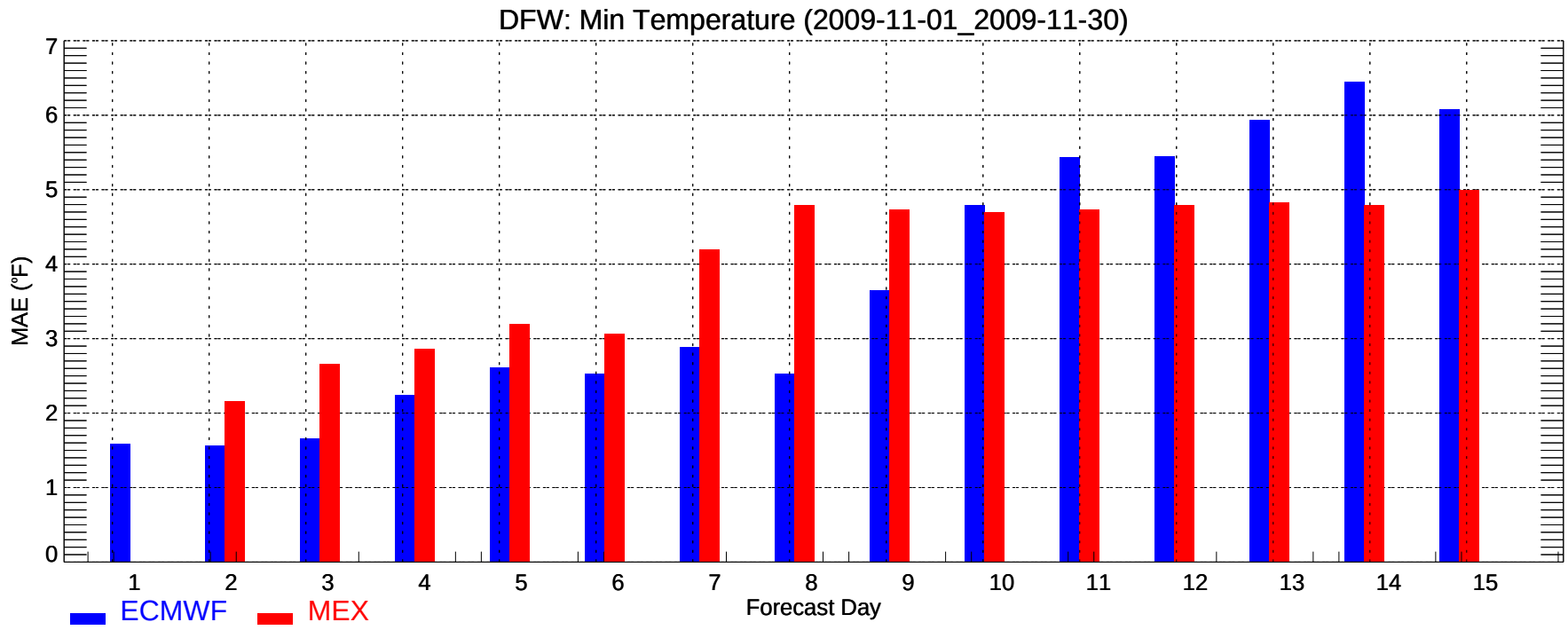
Forecast Day
ECMWF
MEX


DFW: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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5
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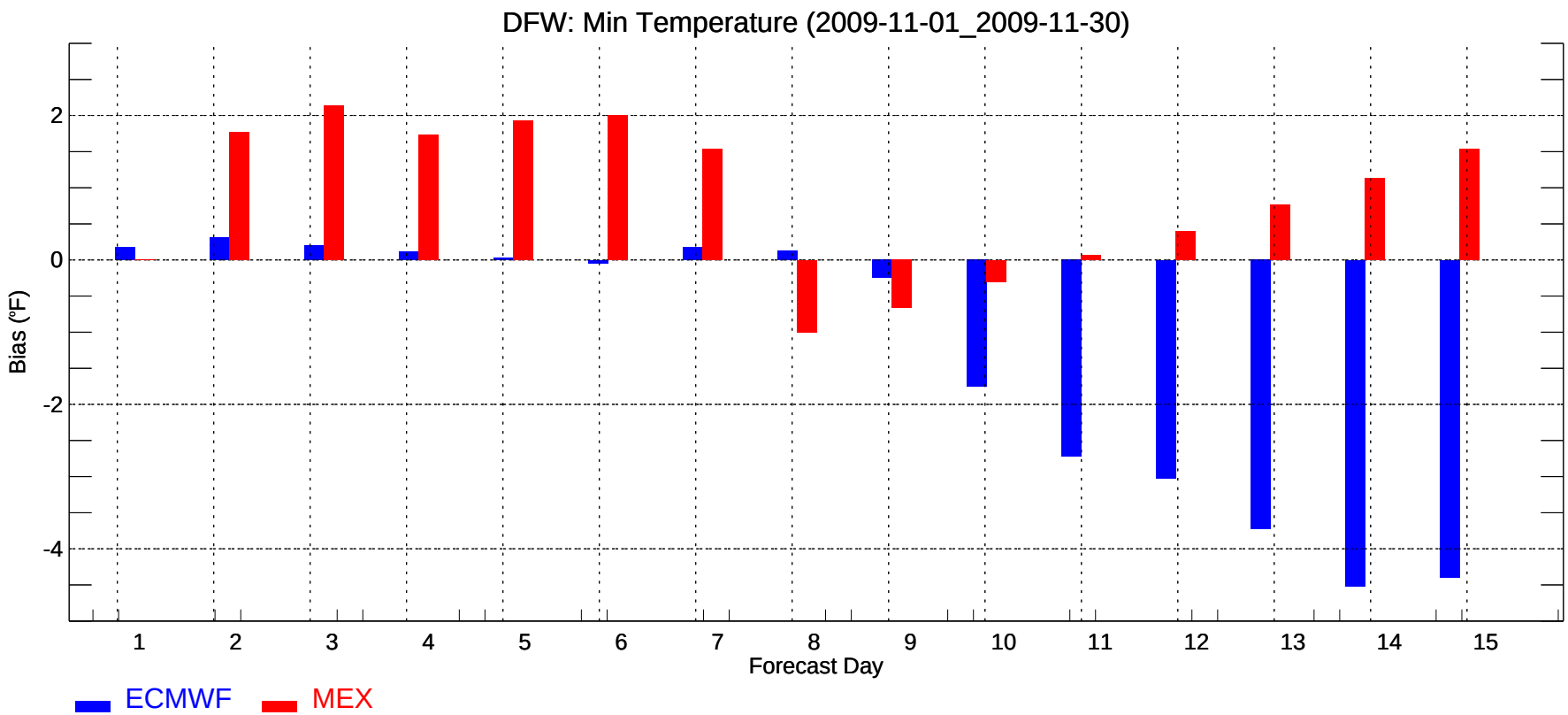
Forecast Day
ECMWF
MEX


DFW: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
1
2
3
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6
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8
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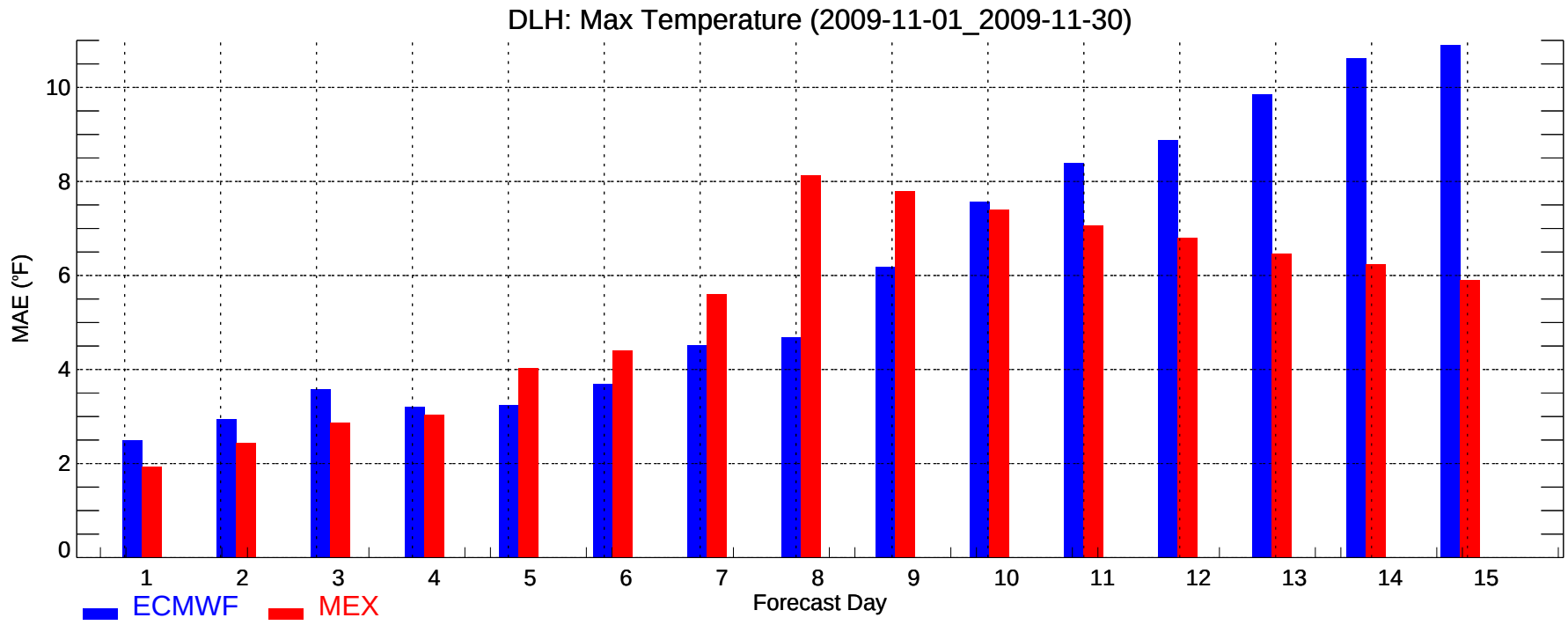
Forecast Day
ECMWF
MEX


DLH: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
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1
2
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7
8
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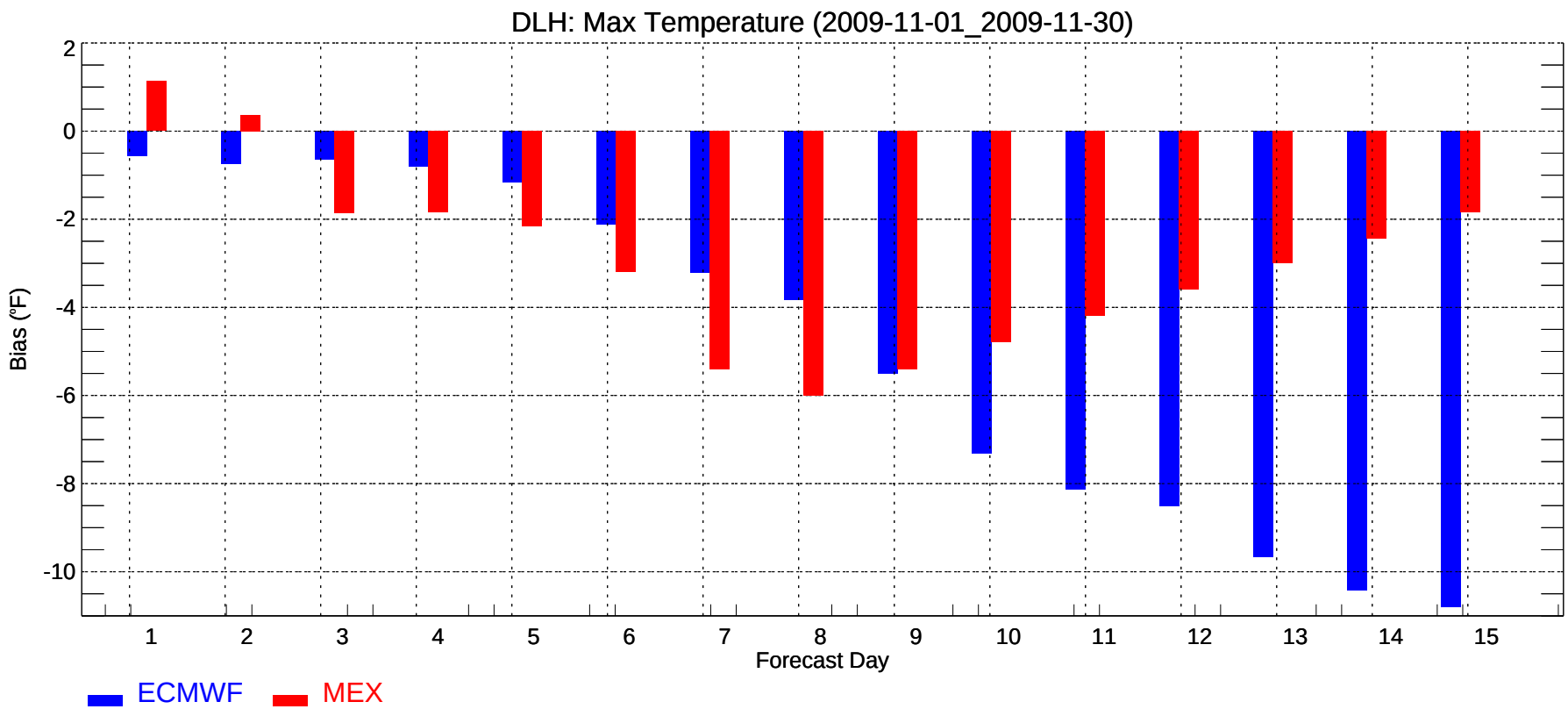
Forecast Day
ECMWF
MEX


DLH: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
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4
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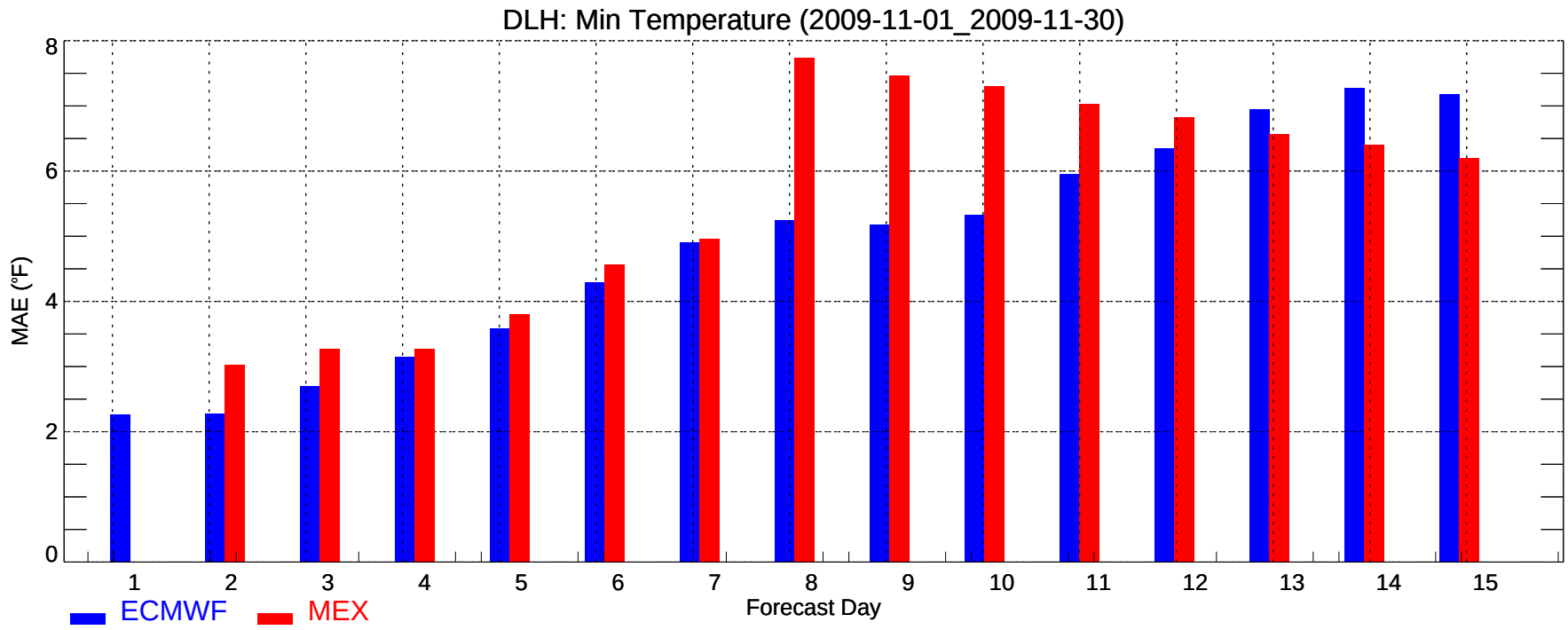
Forecast Day
ECMWF
MEX


DLH: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
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8
9
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11
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13
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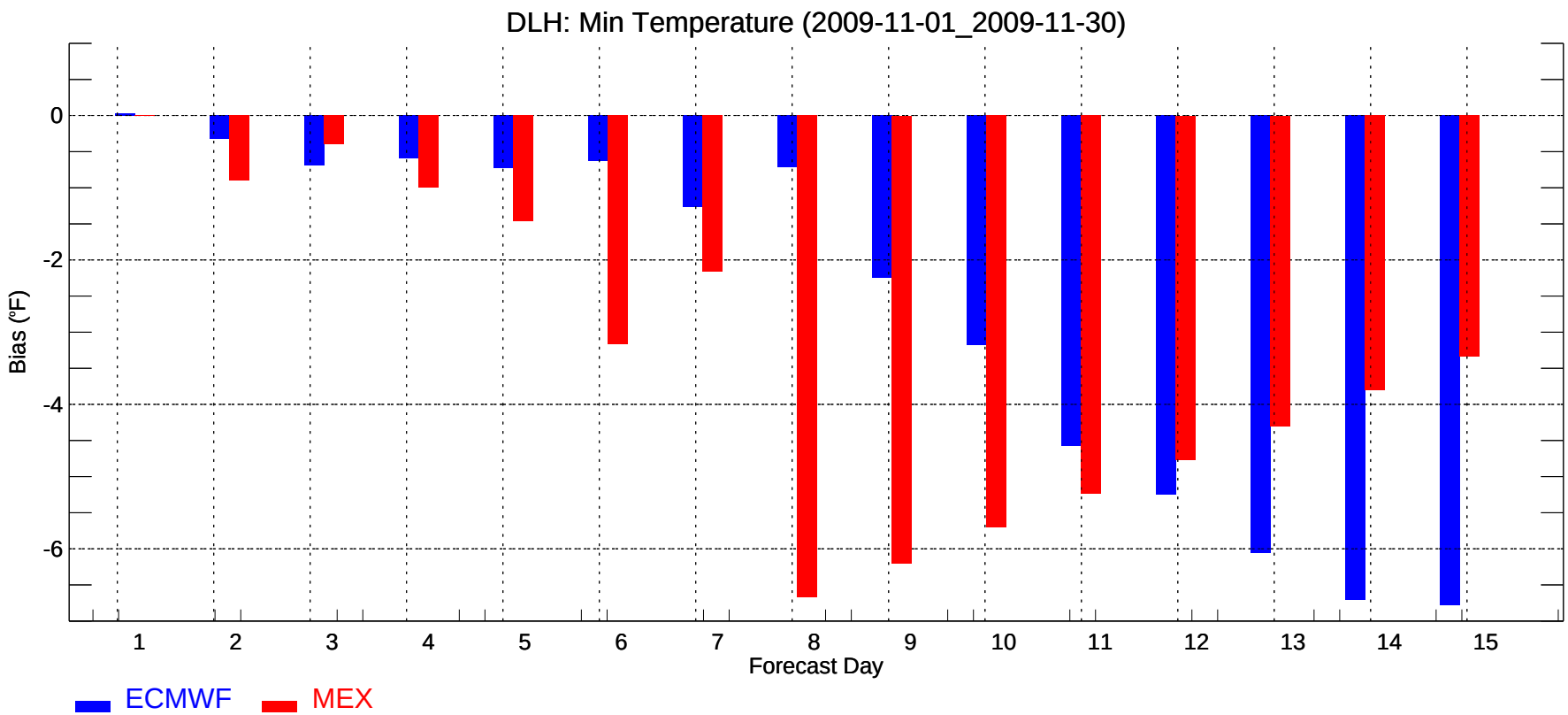
Forecast Day
ECMWF
MEX


DLH: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
1
2
3
4
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14
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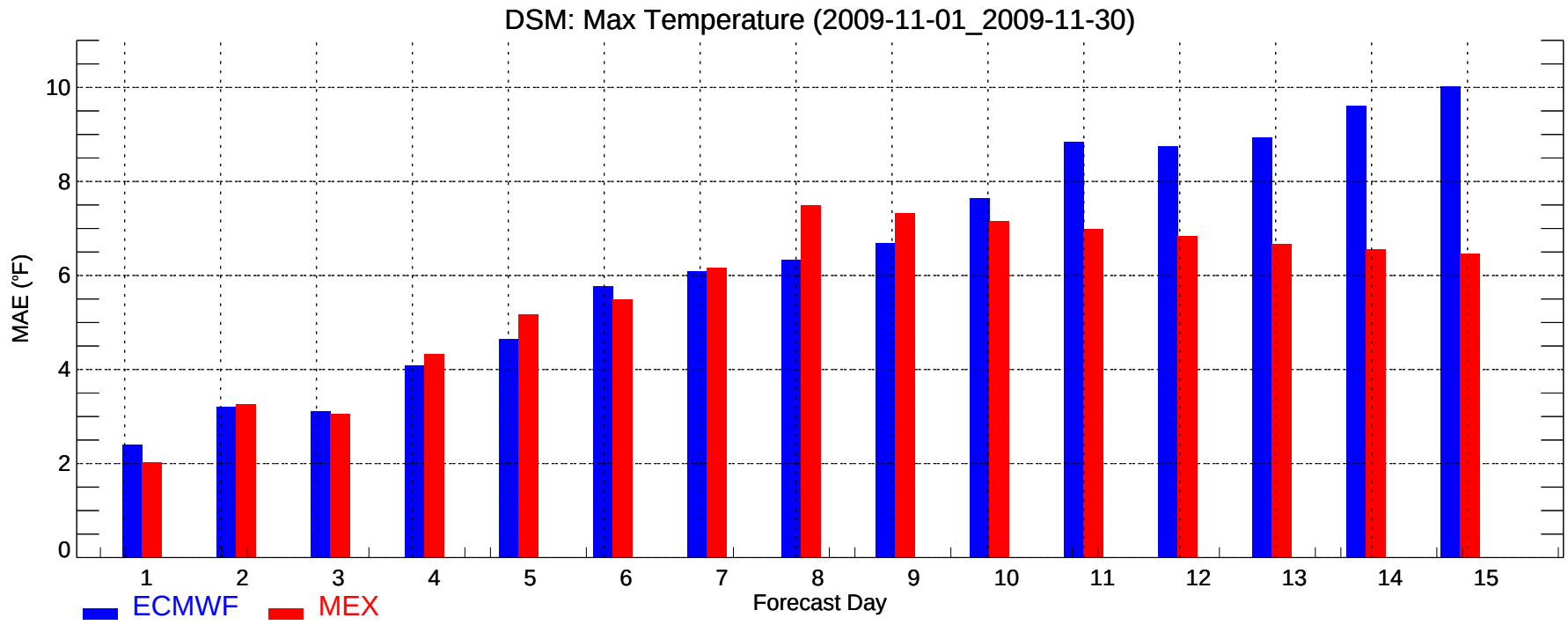
Forecast Day
ECMWF
MEX


DSM: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
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1
2
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8
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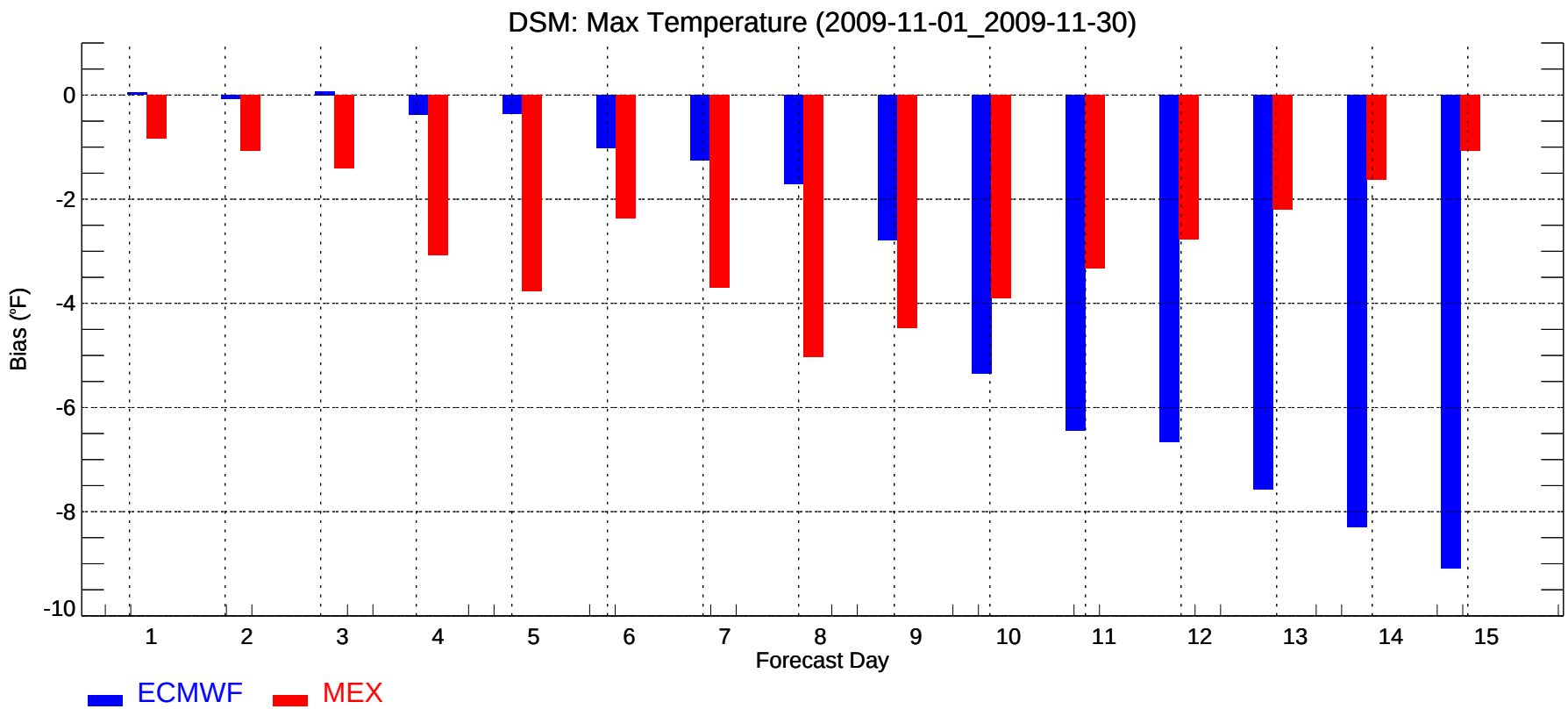
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DSM: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
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8
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14
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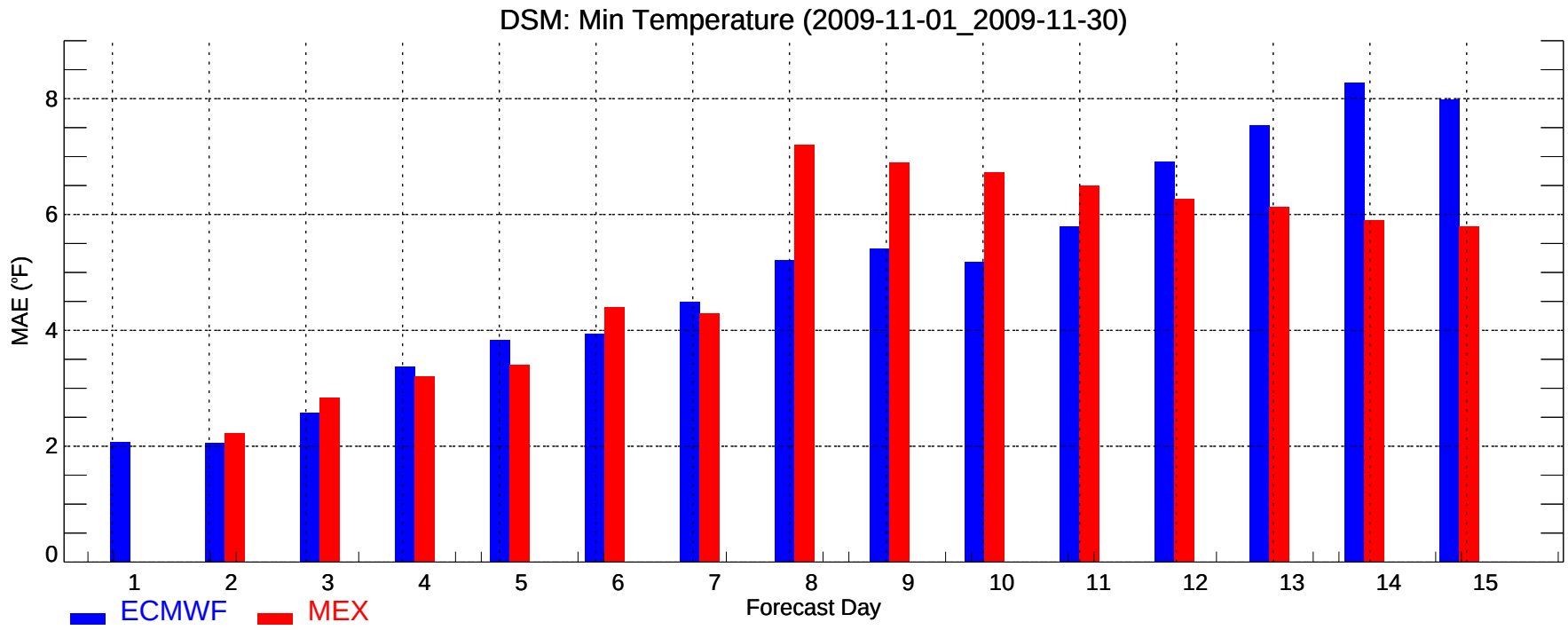
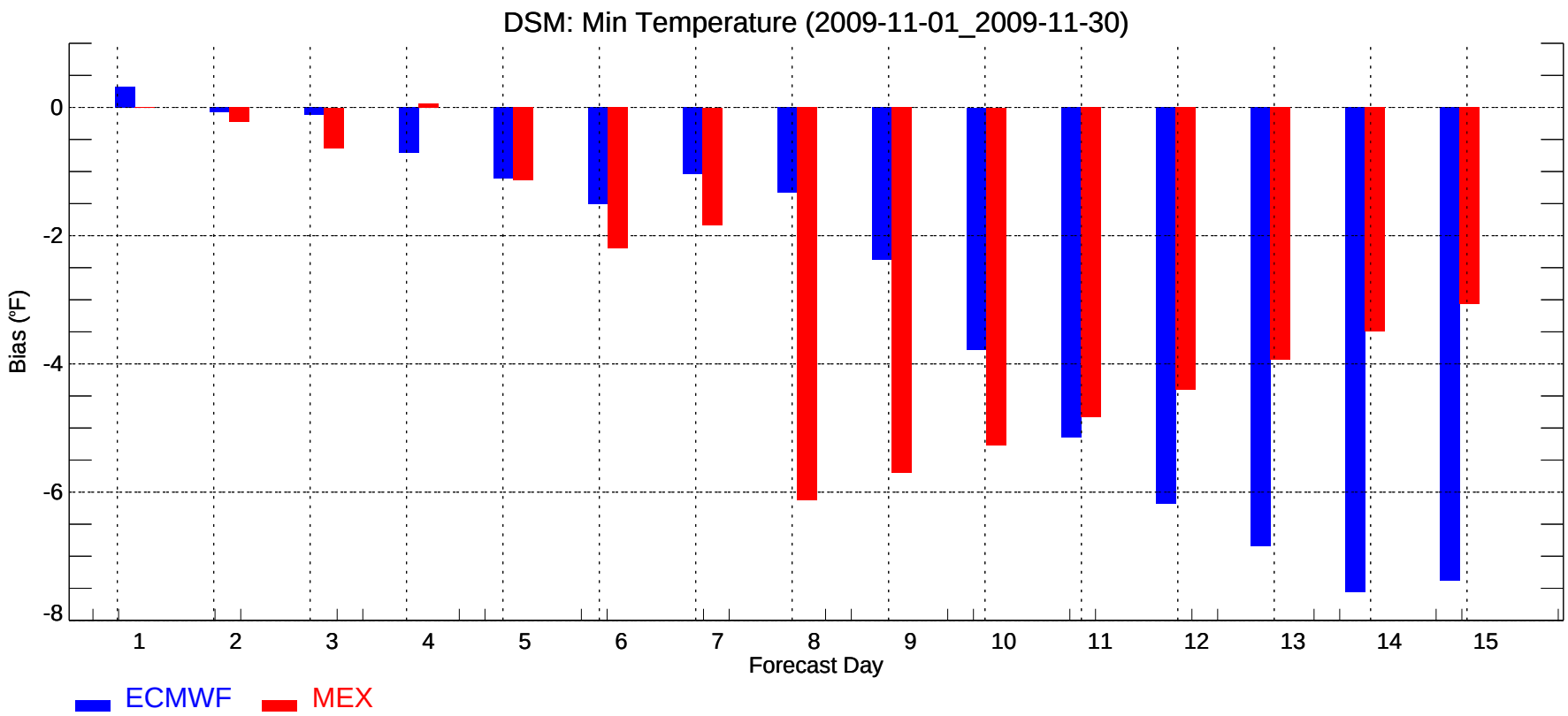
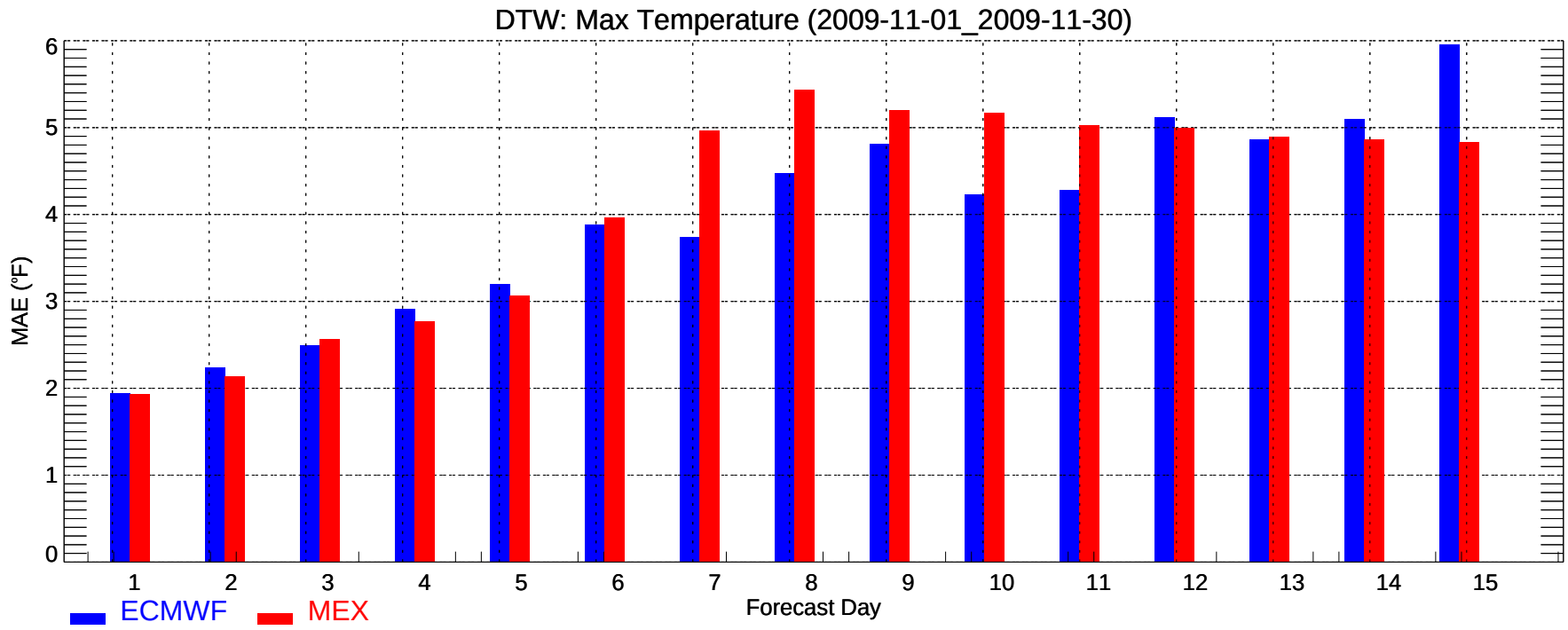
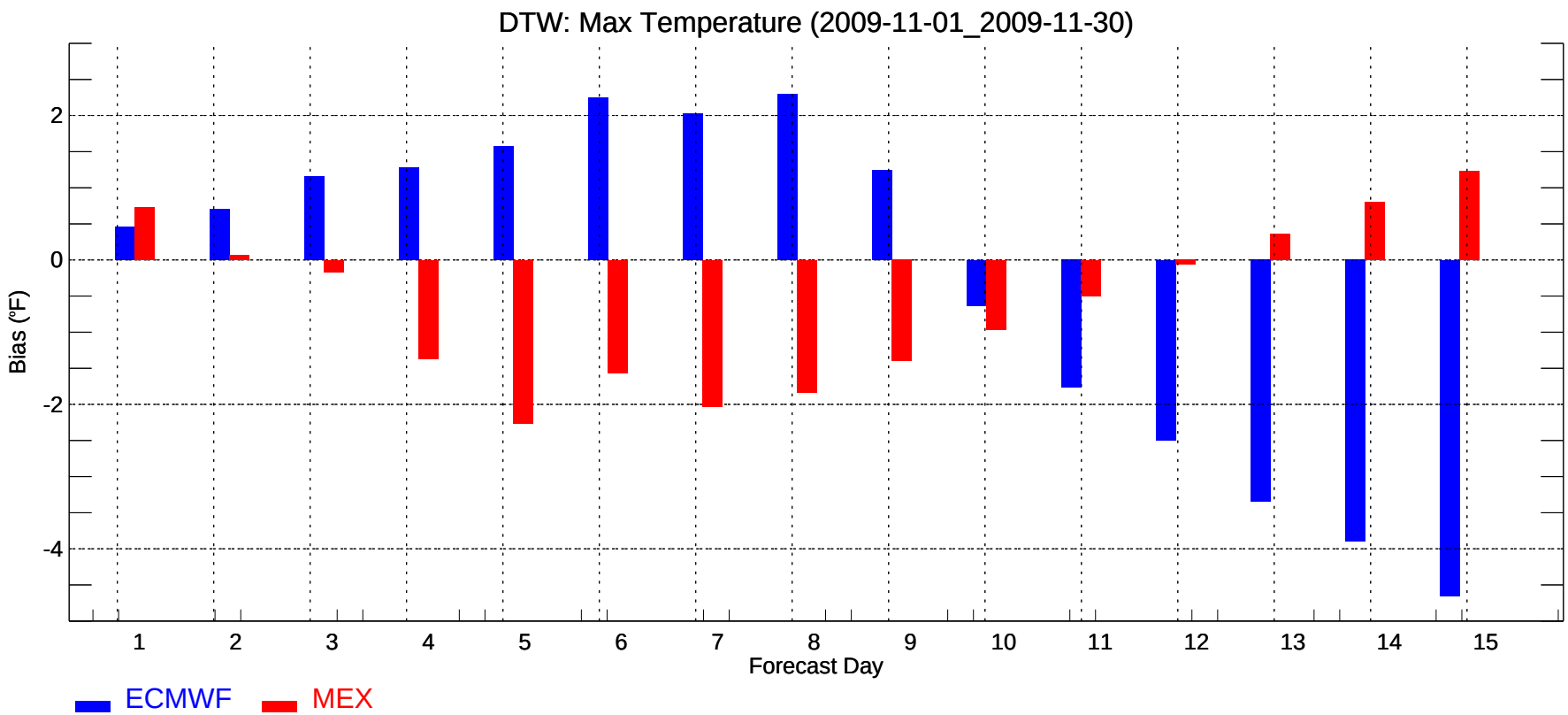
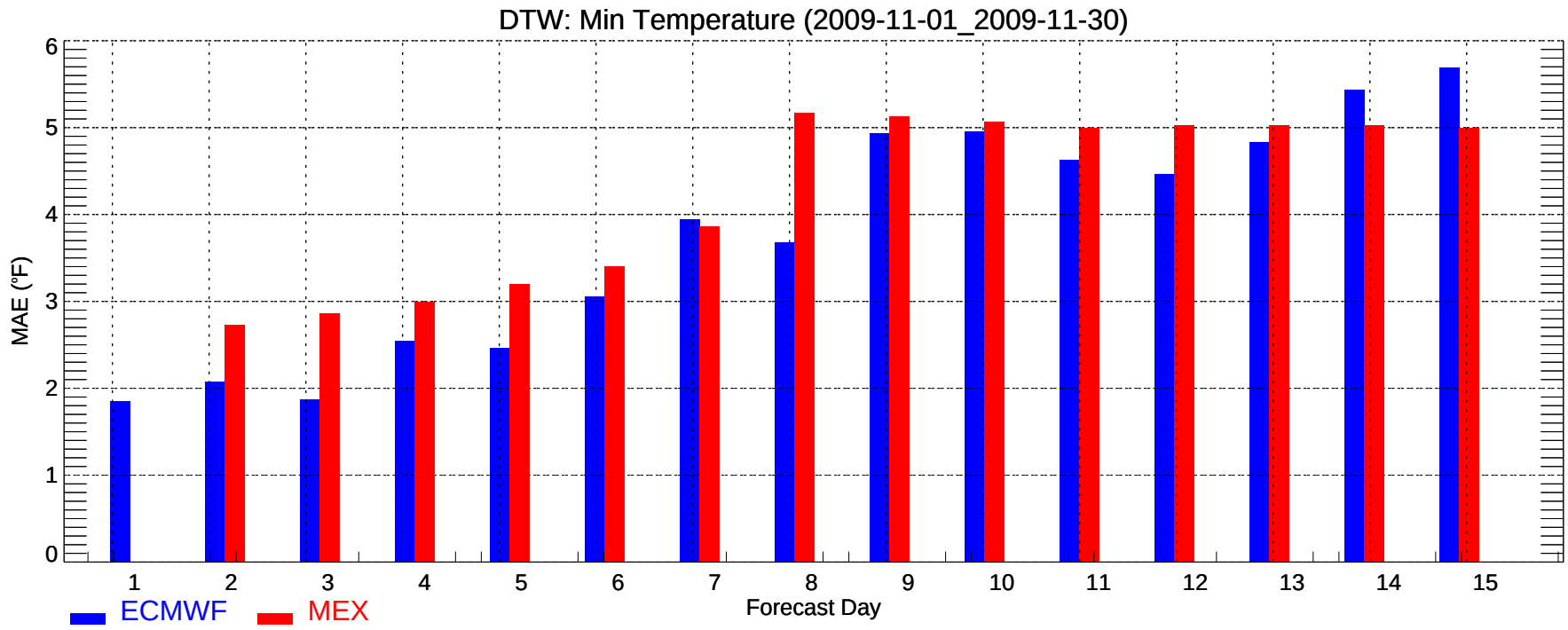
Forecast Day
ECMWF
MEX

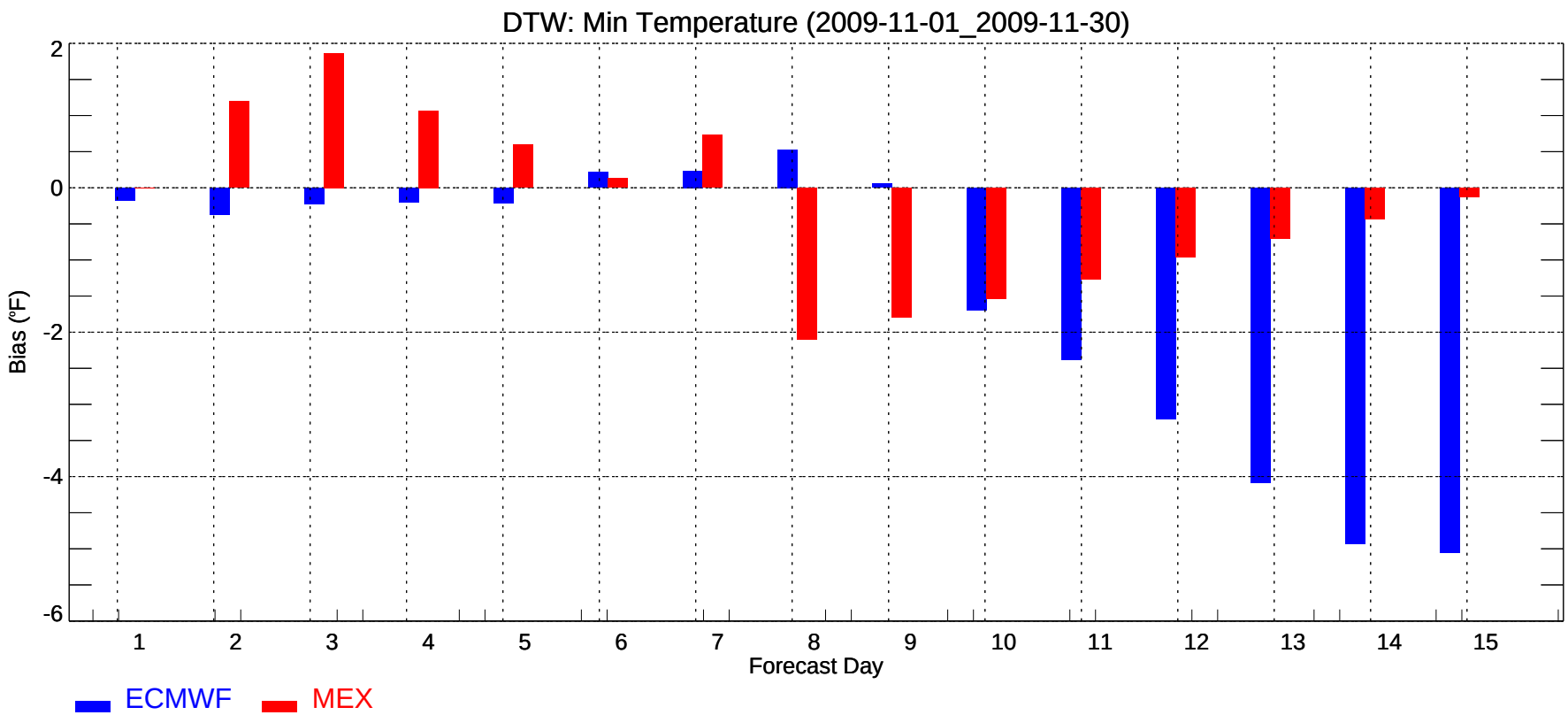

DSM: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

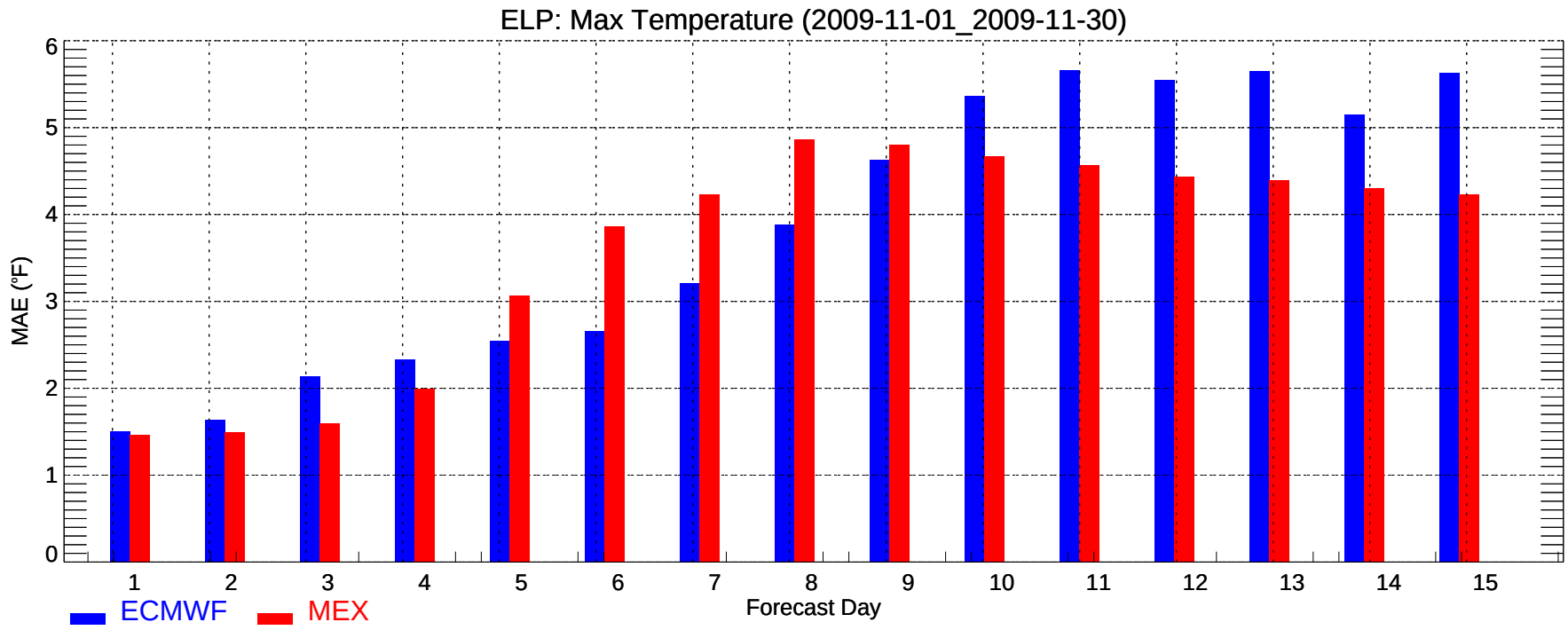

DSM: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

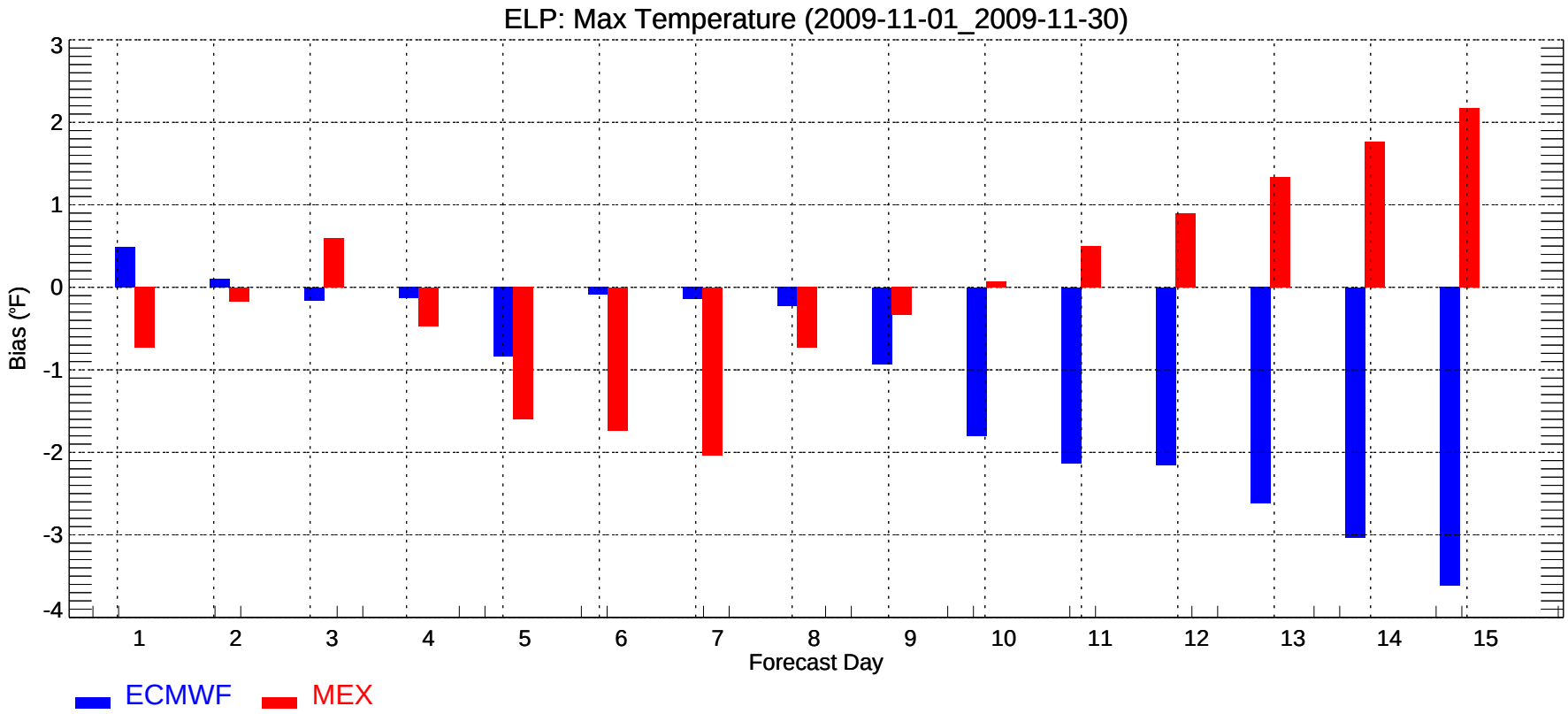

DTW: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

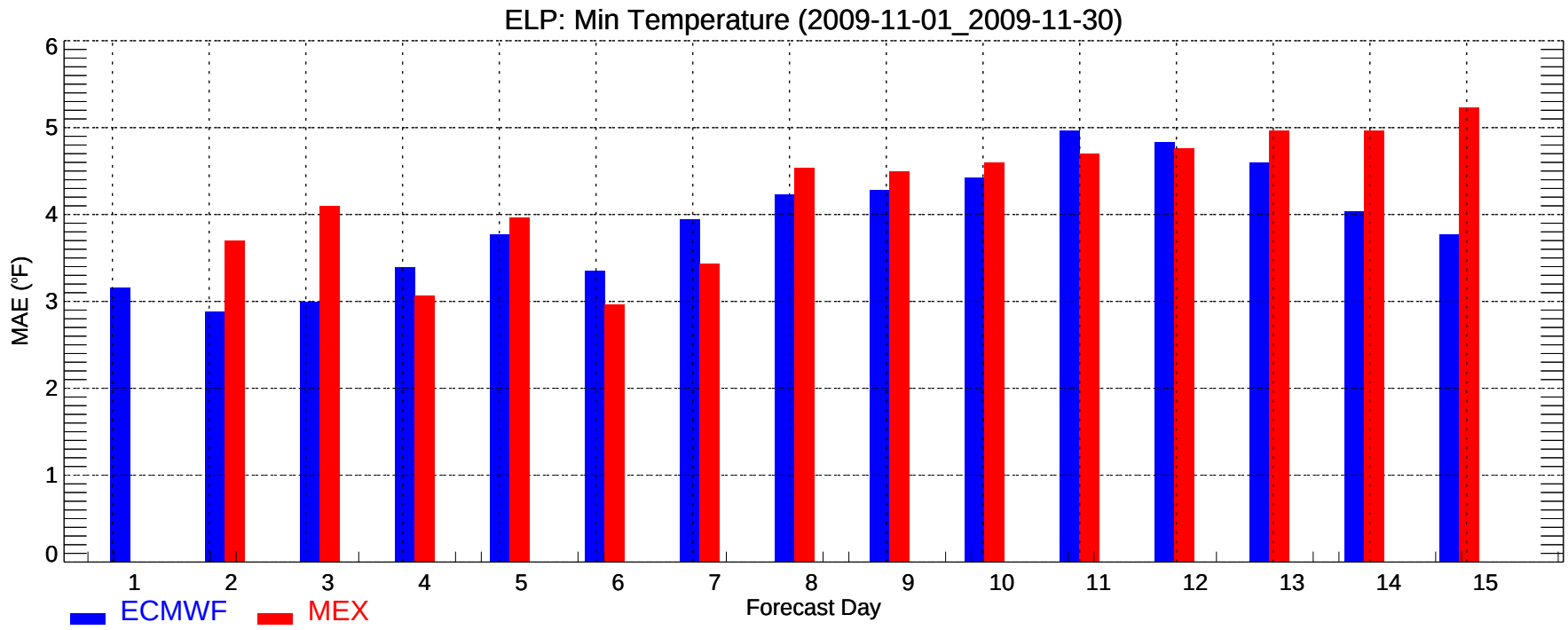

DTW: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

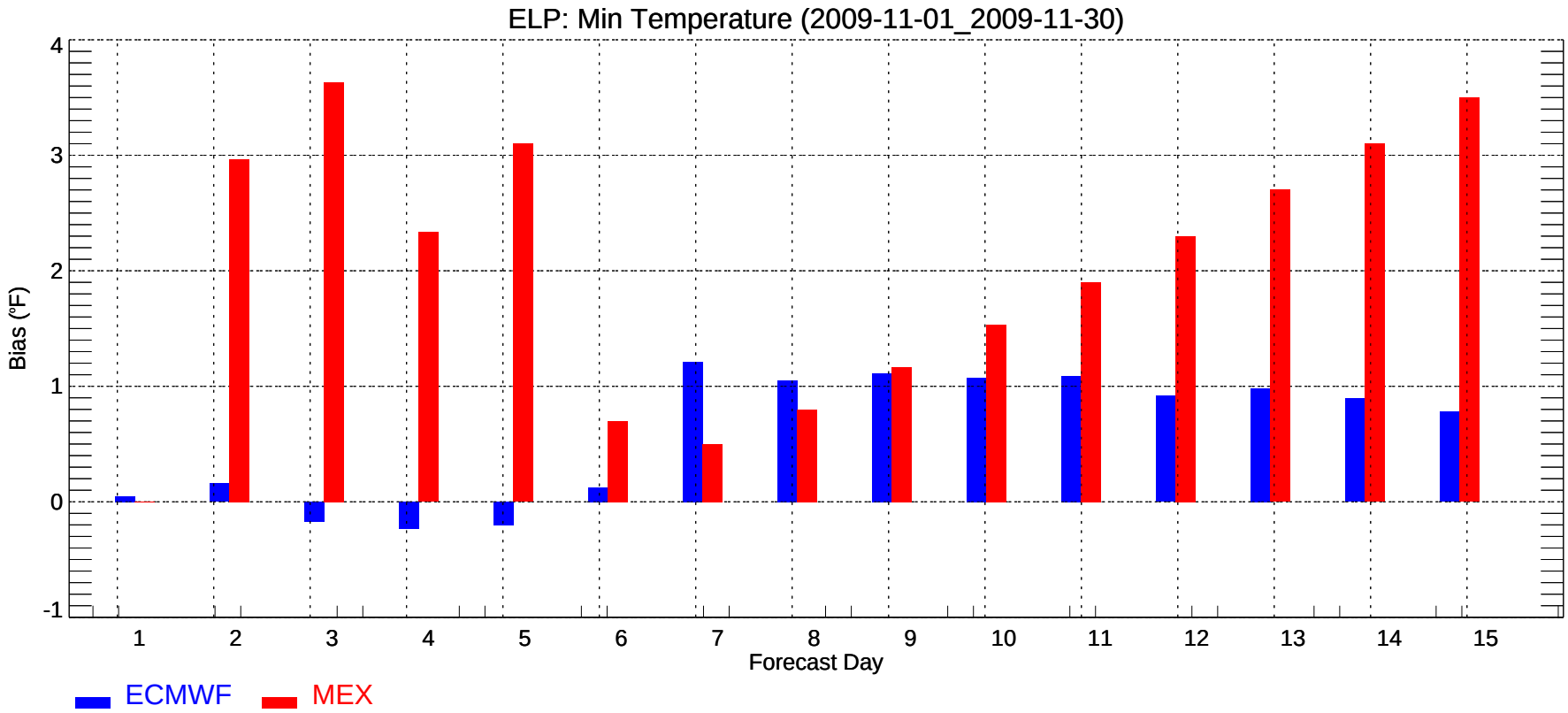

DTW: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

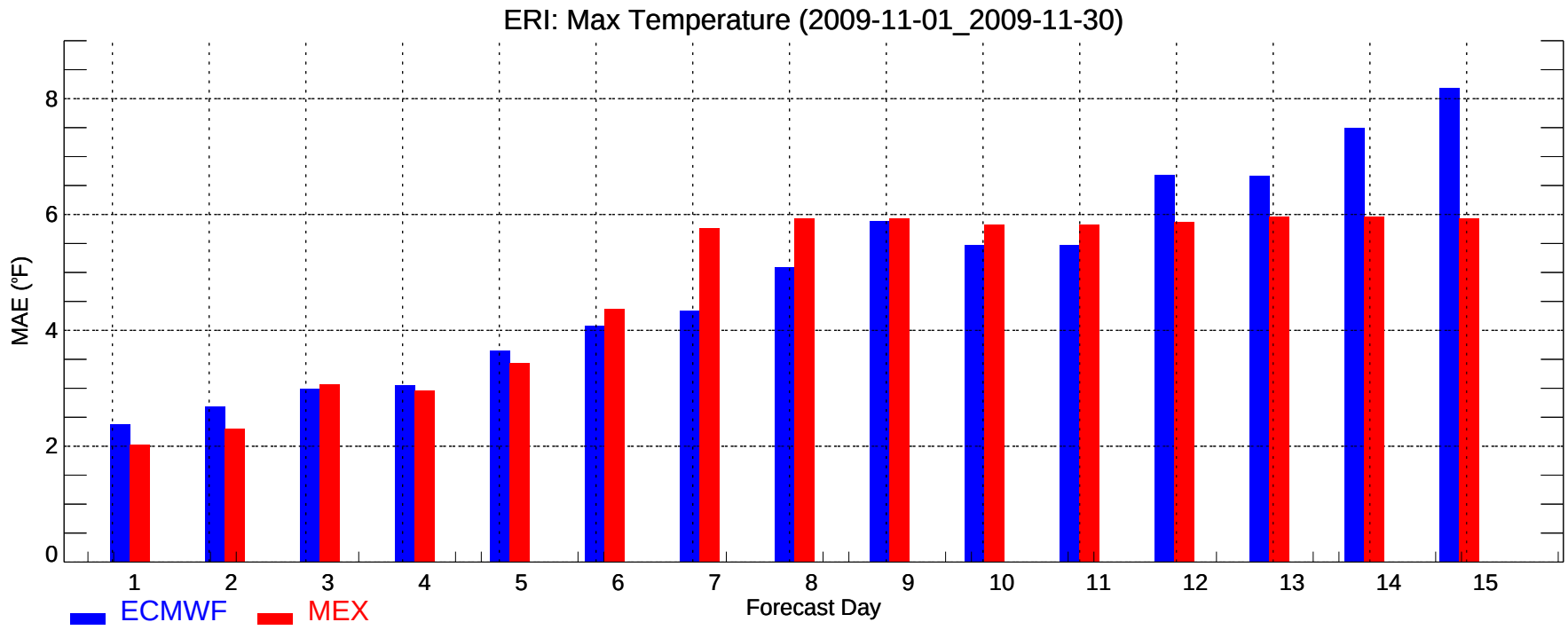

DTW: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

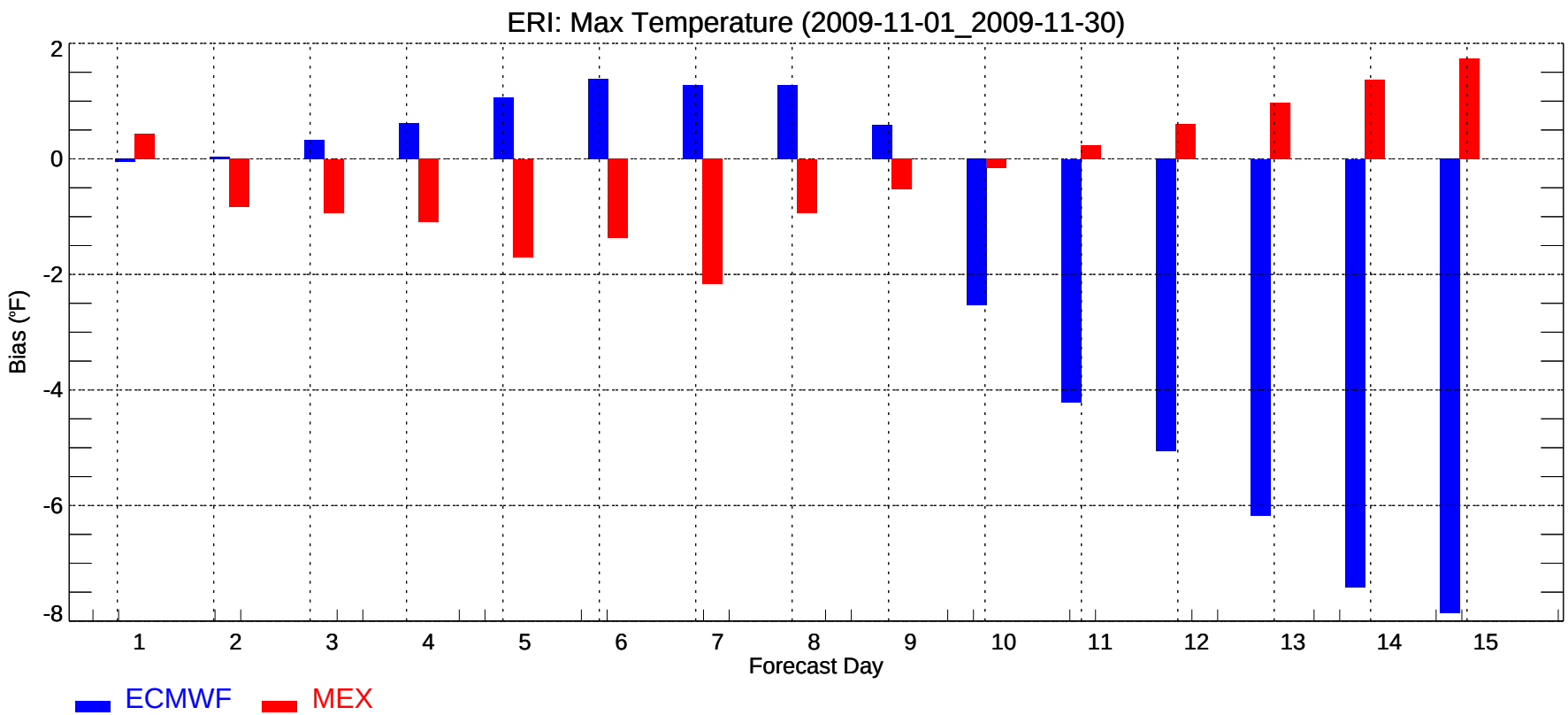

ELP: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

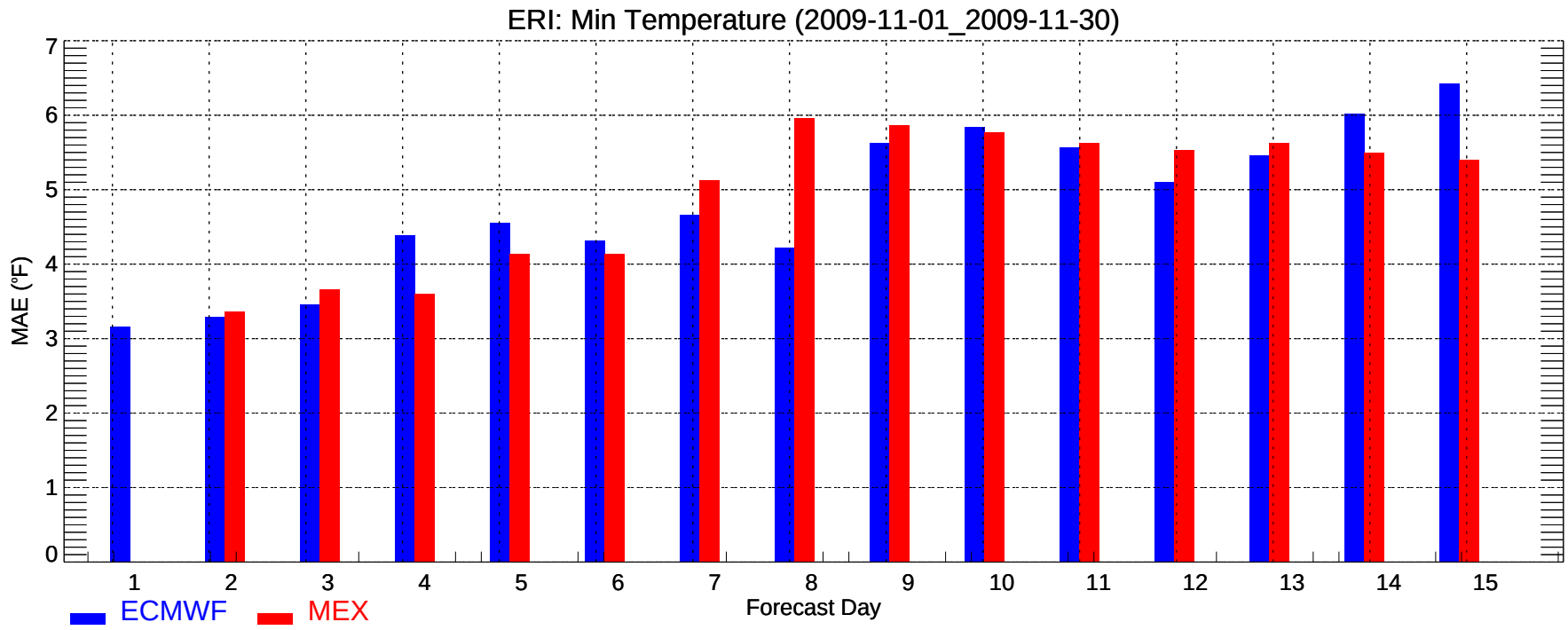

ELP: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

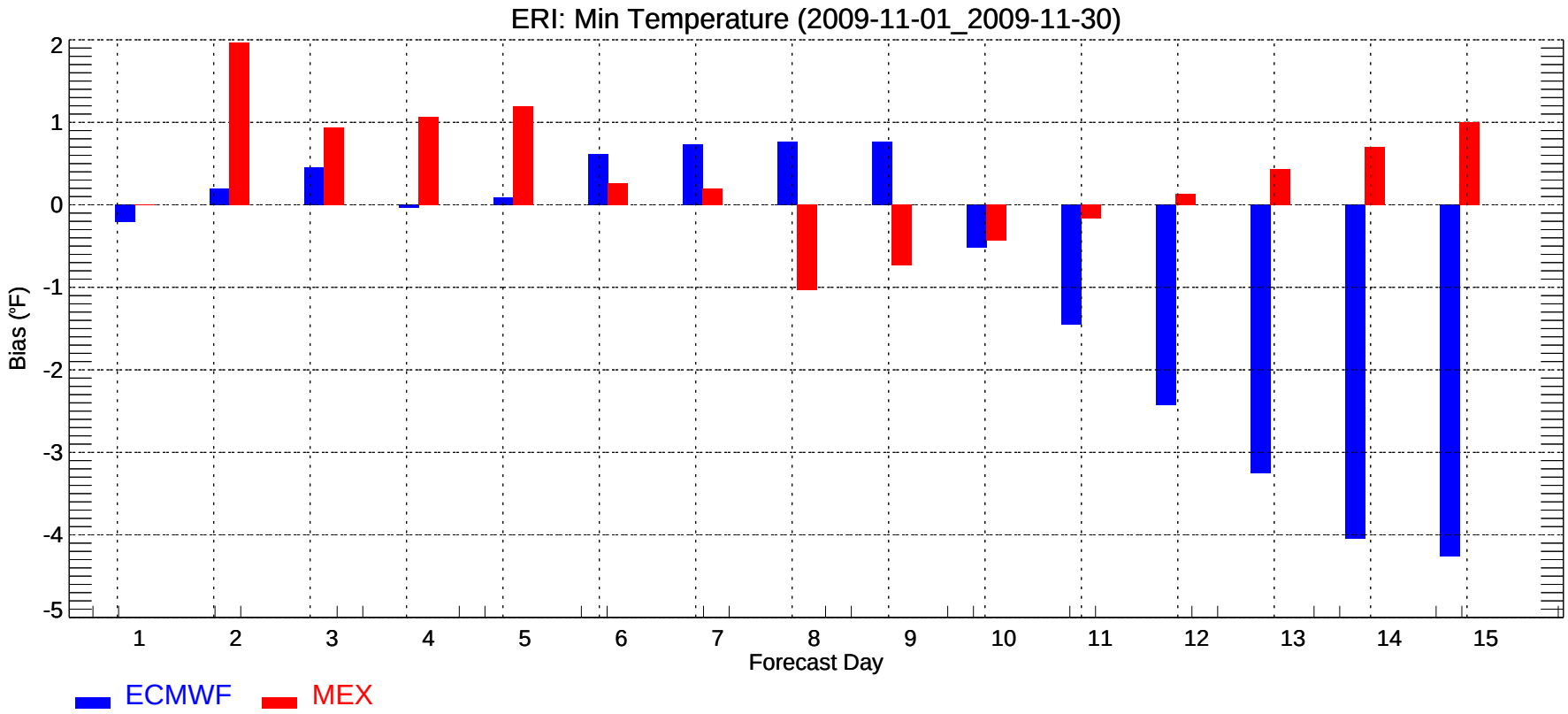

ELP: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

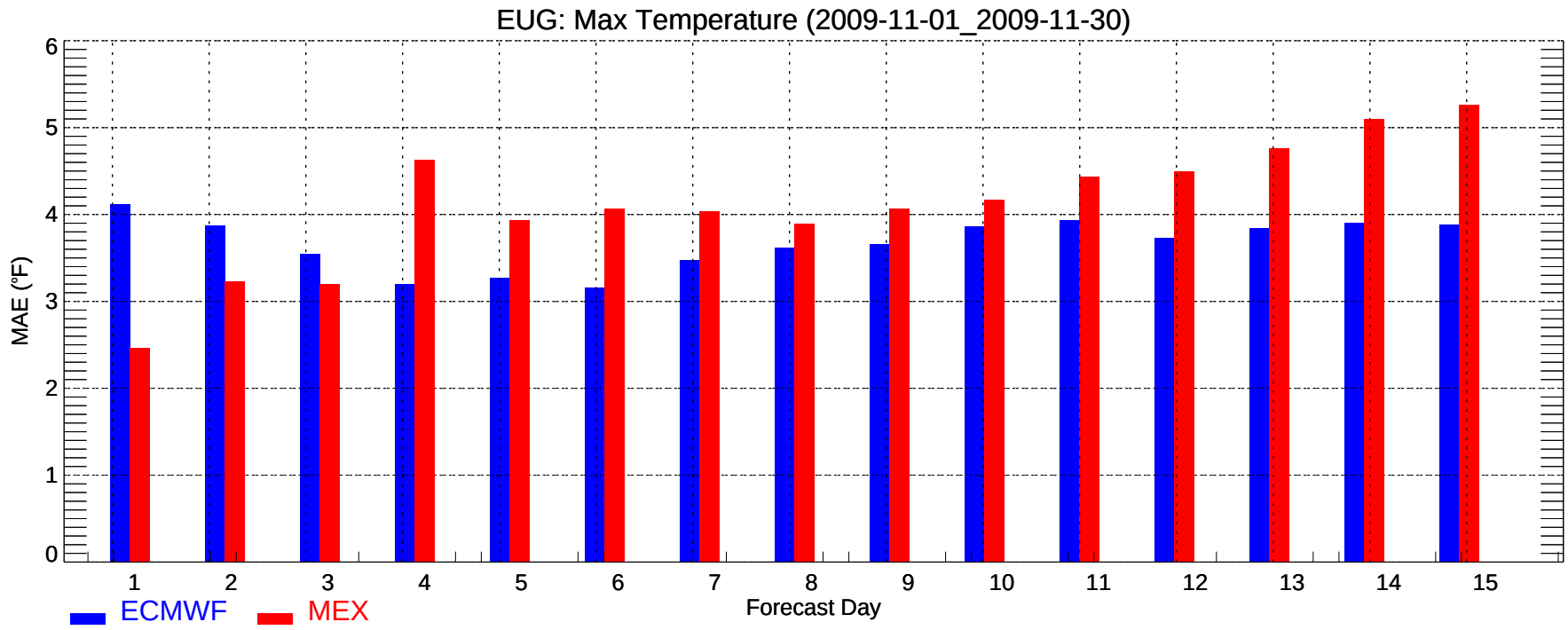

ELP: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

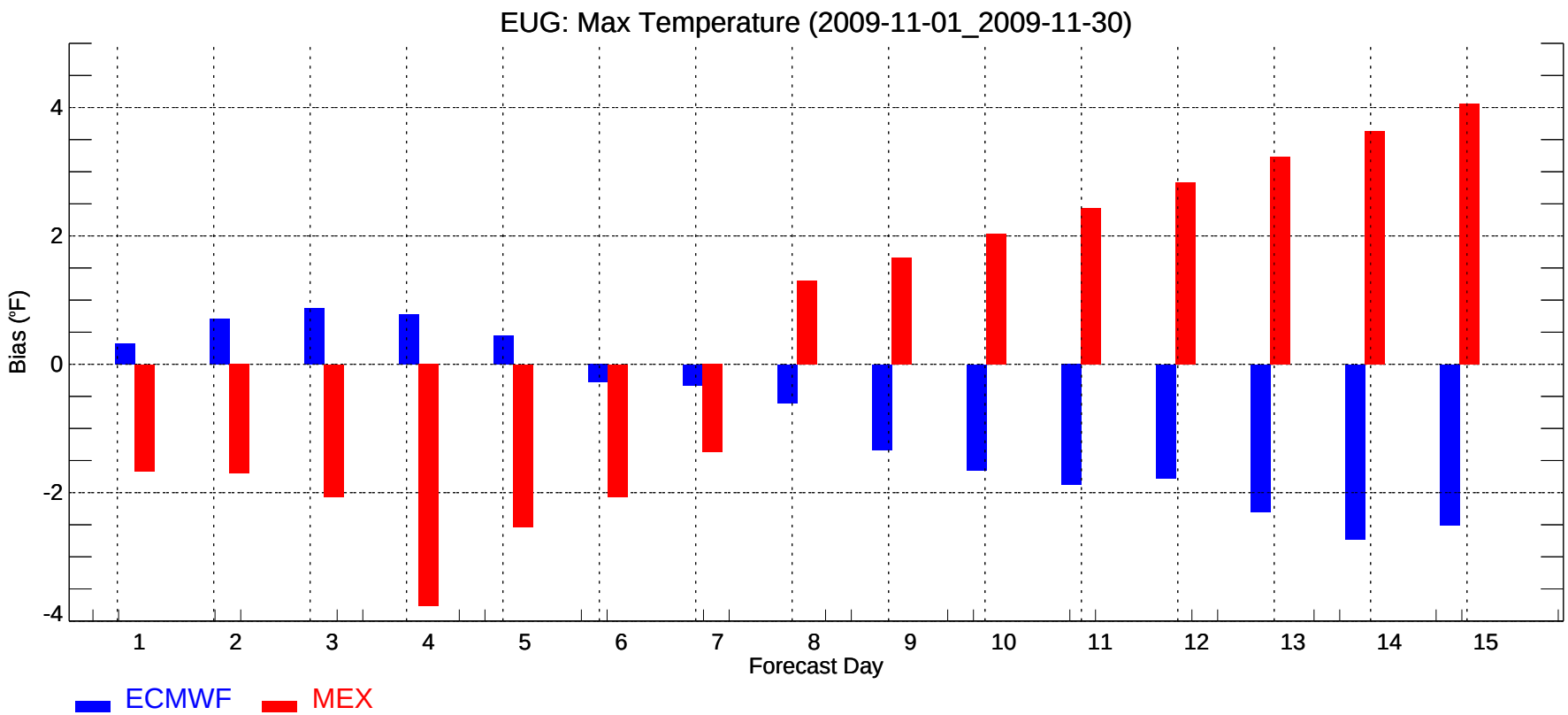

ERI: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

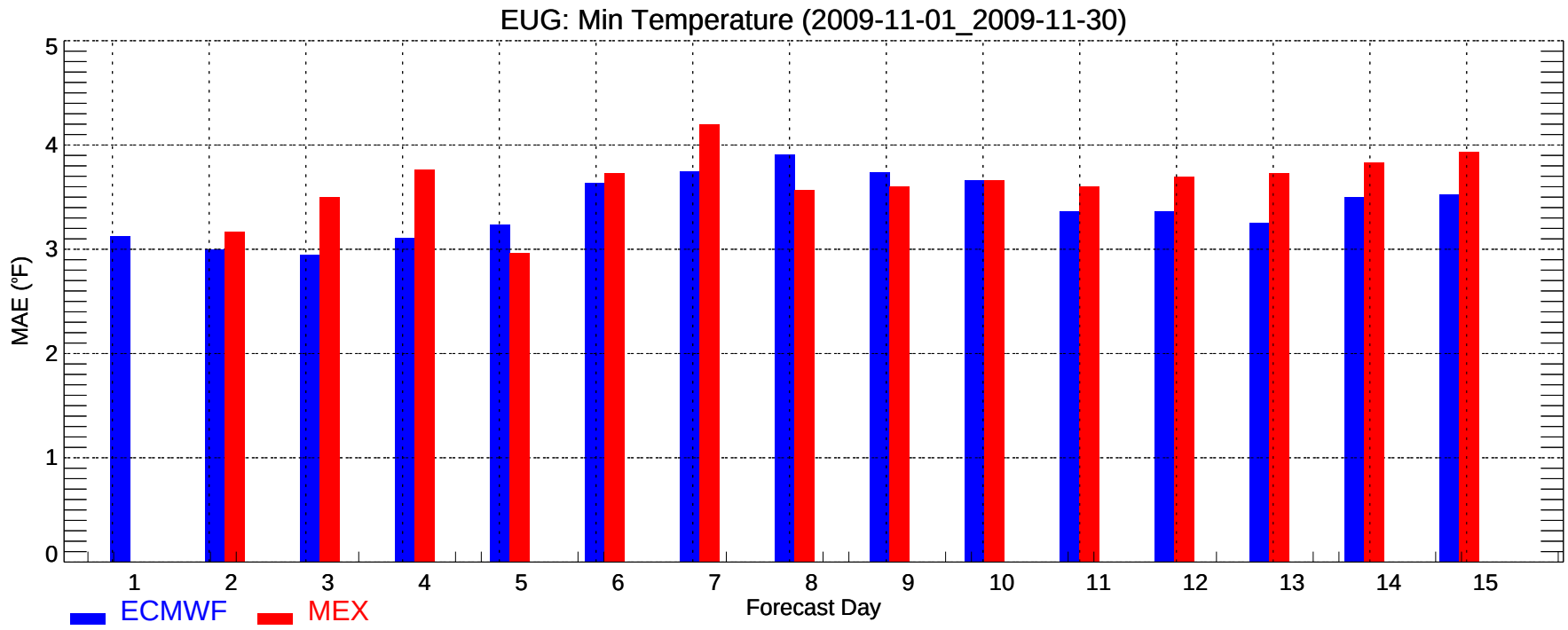

ERI: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

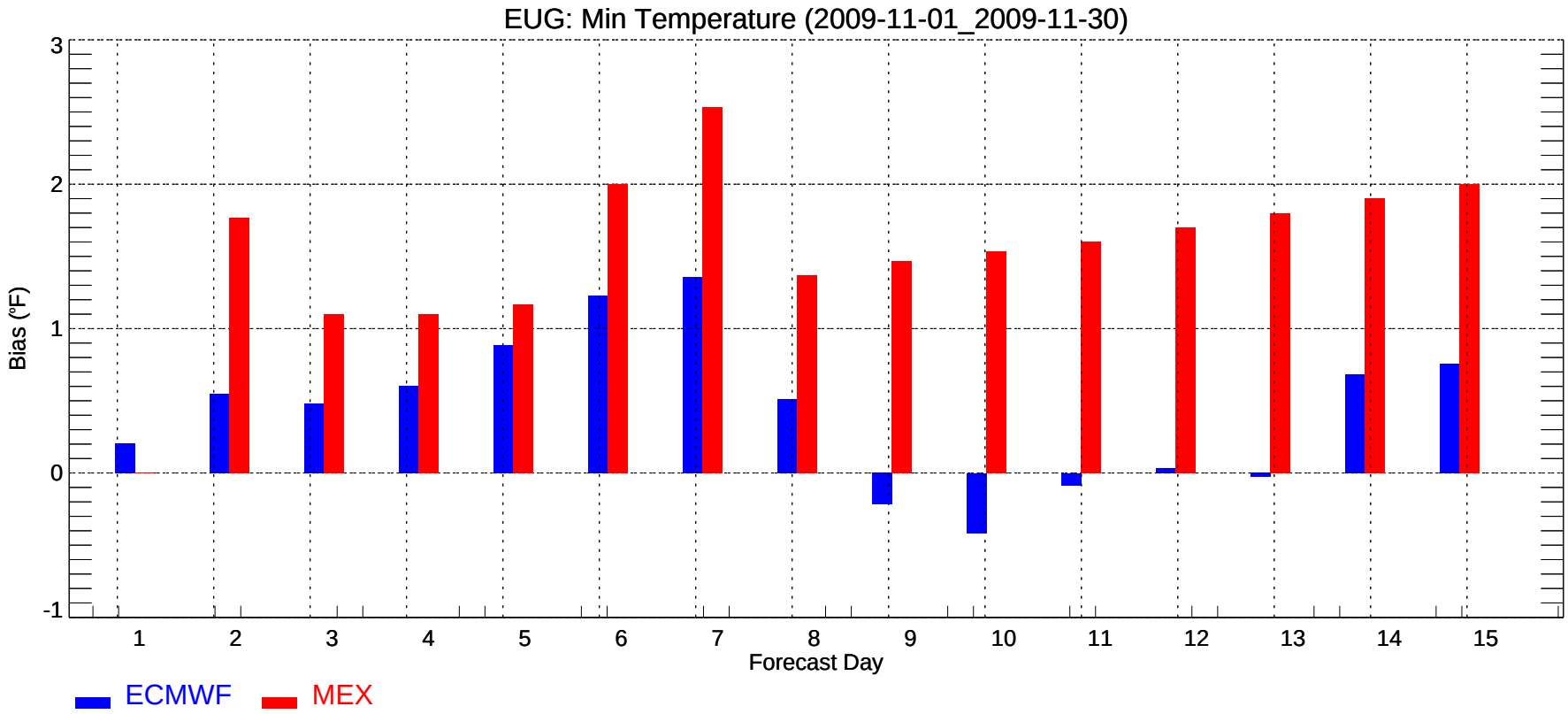

ERI: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

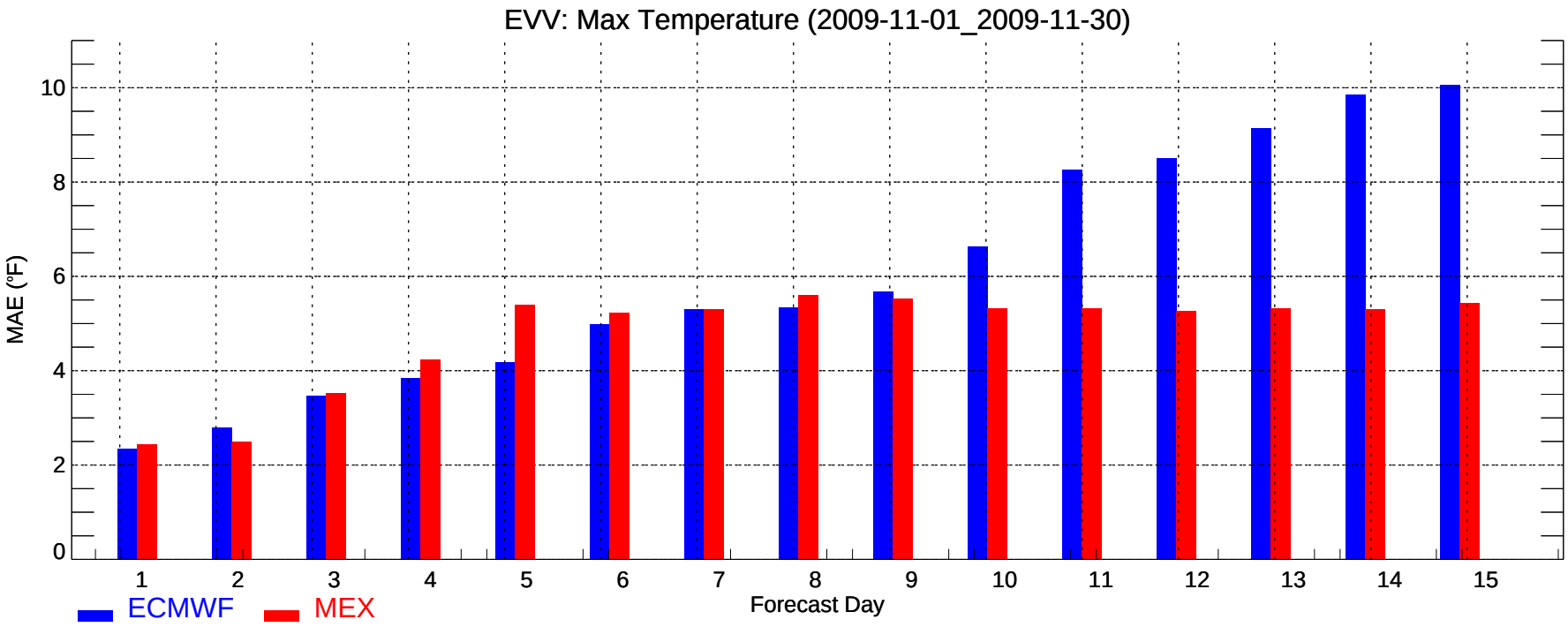

ERI: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

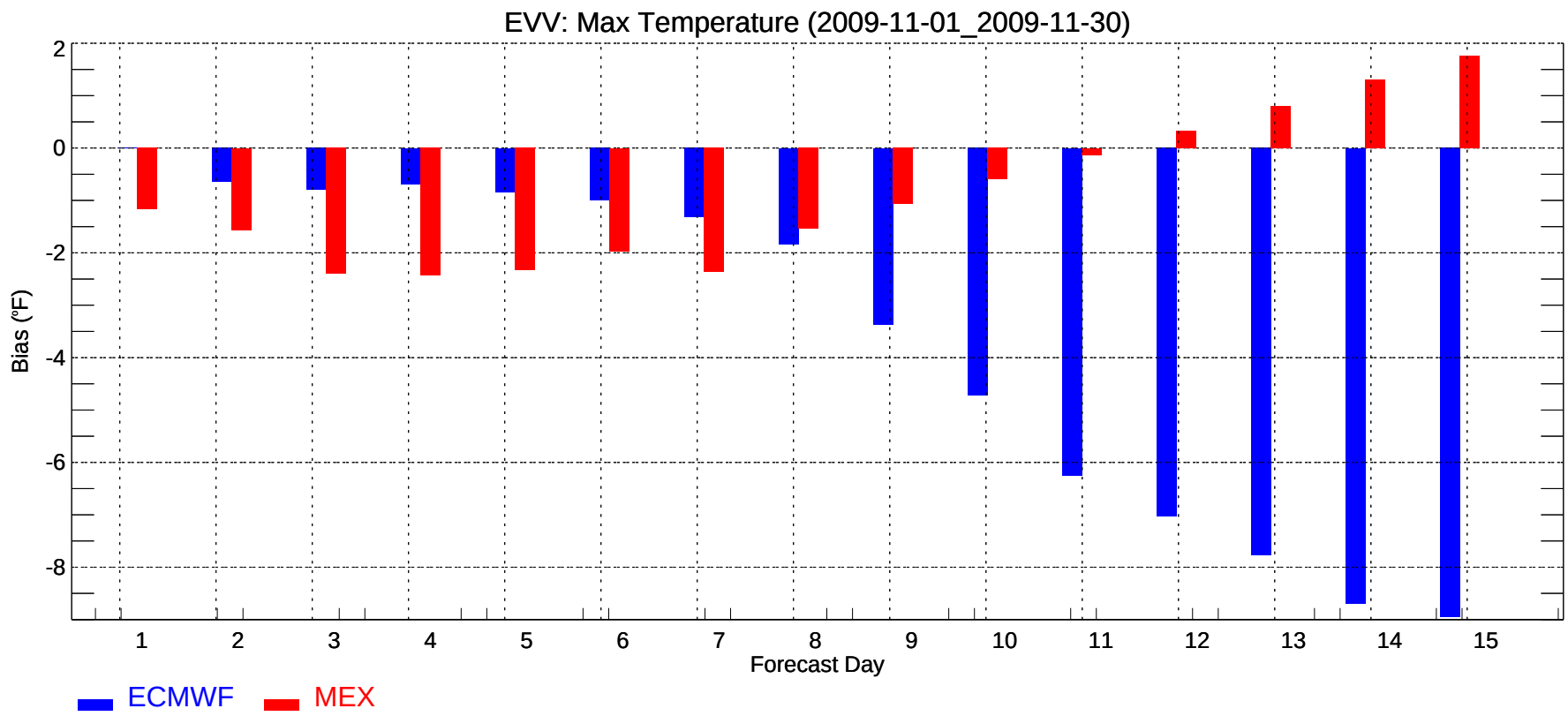

EUG: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

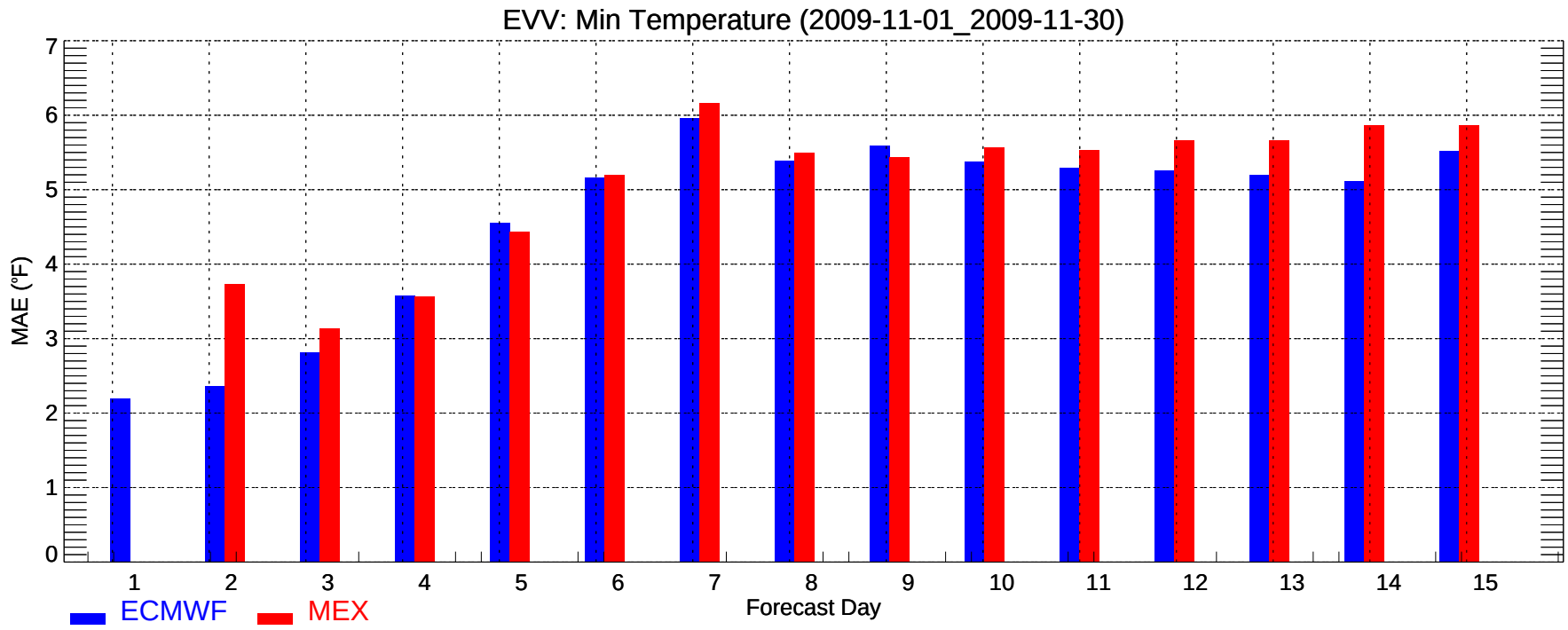

EUG: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

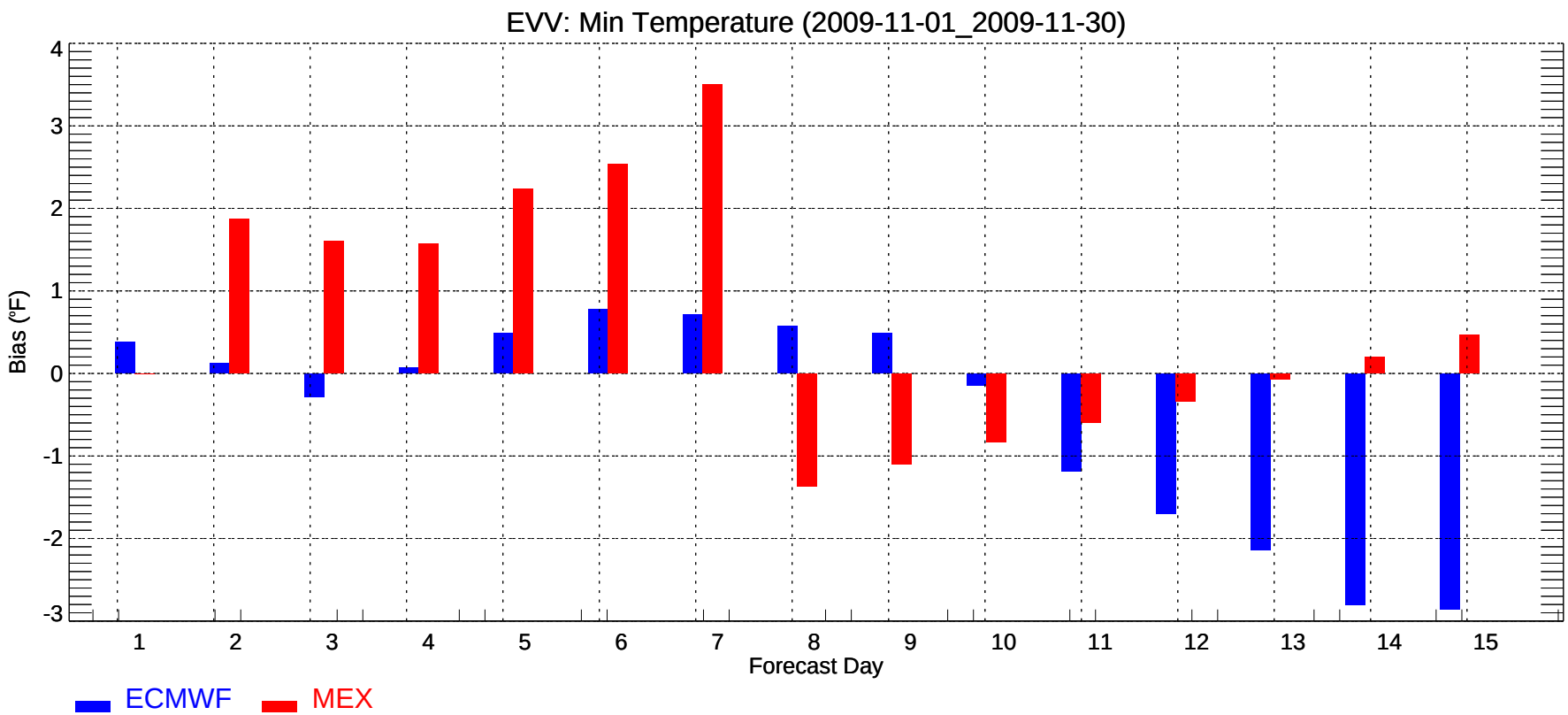

EUG: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EUG: Min Temperature (2009-11-01_2009-11-30)
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


EVV: Max Temperature (2009-11-01_2009-11-30)
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


EVV: Max Temperature (2009-11-01_2009-11-30)
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


EVV: Min Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
Bias (°F)
-3
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
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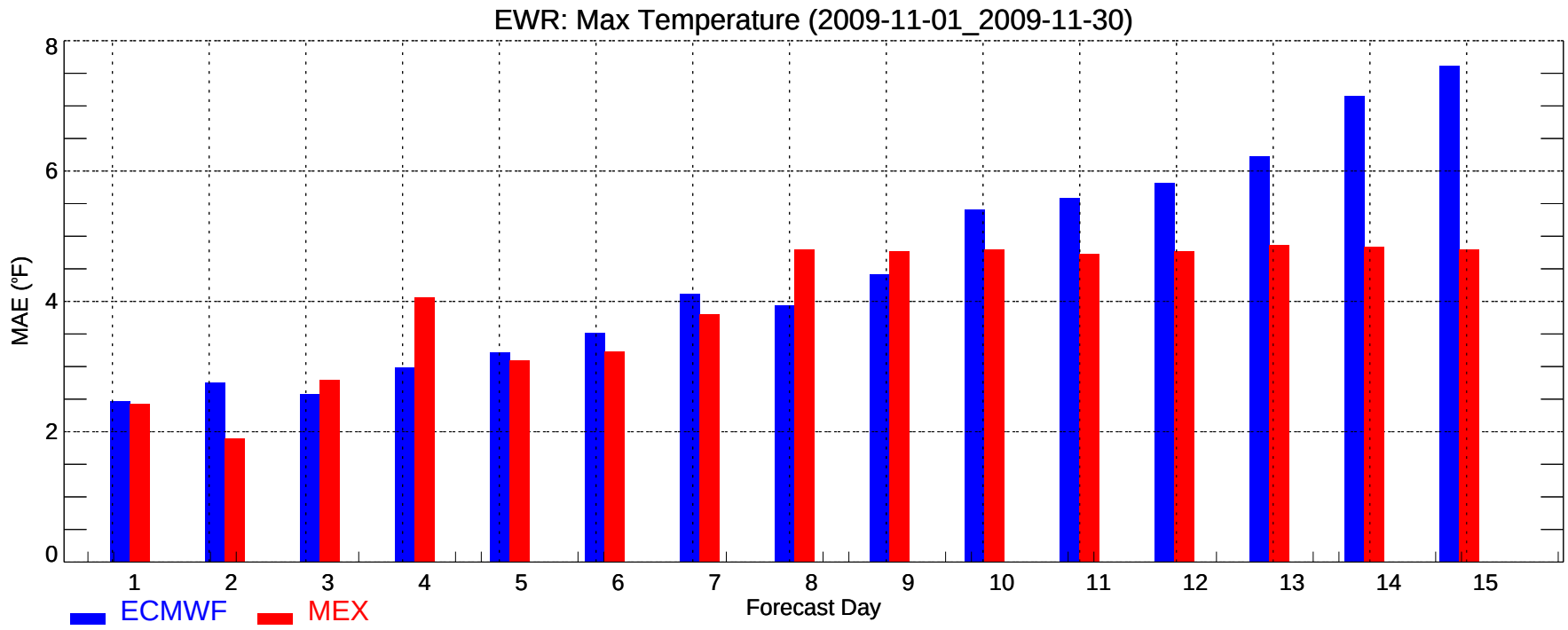
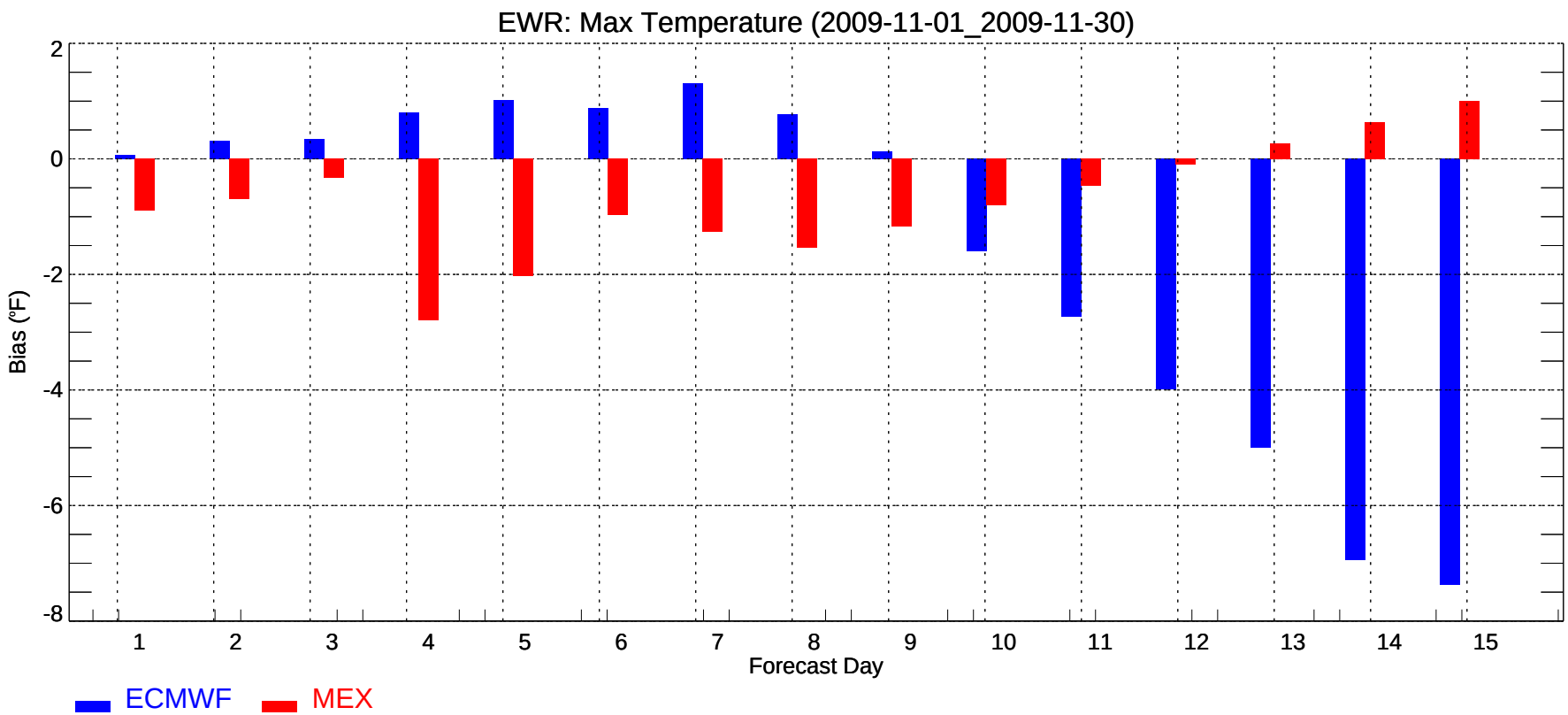
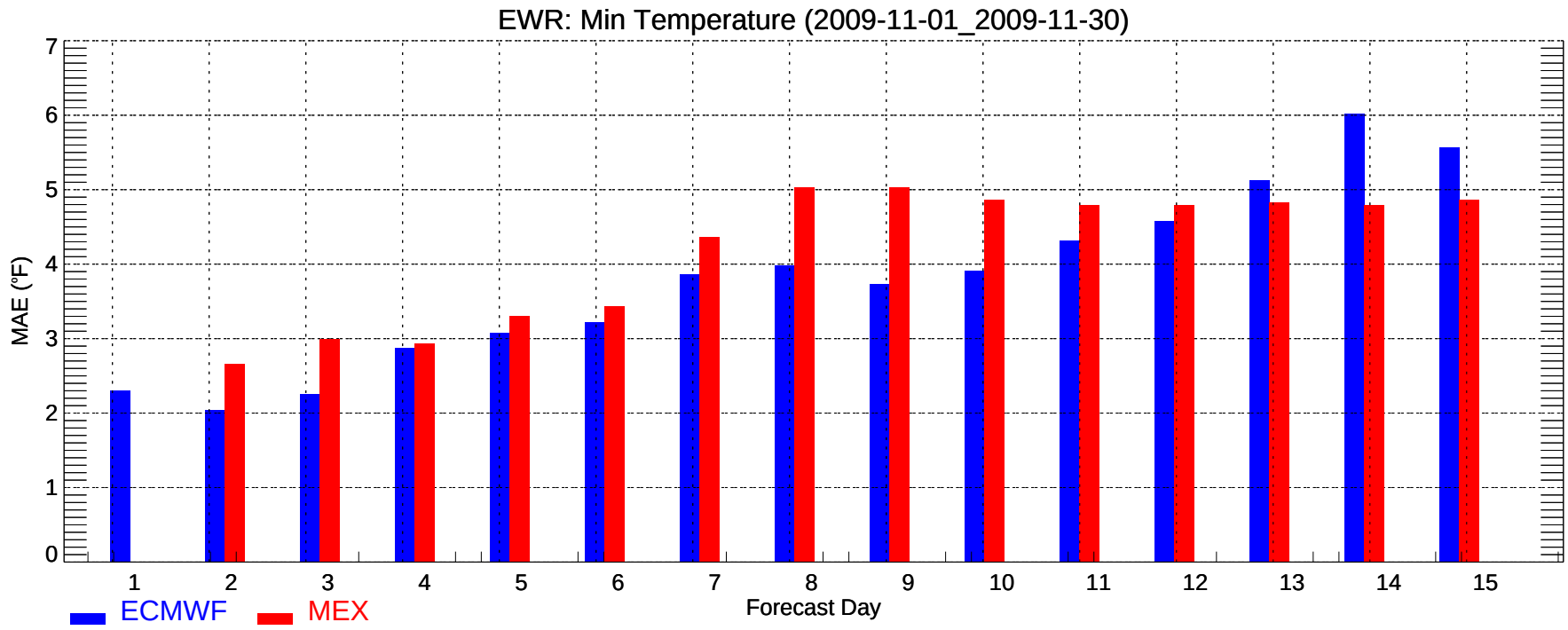
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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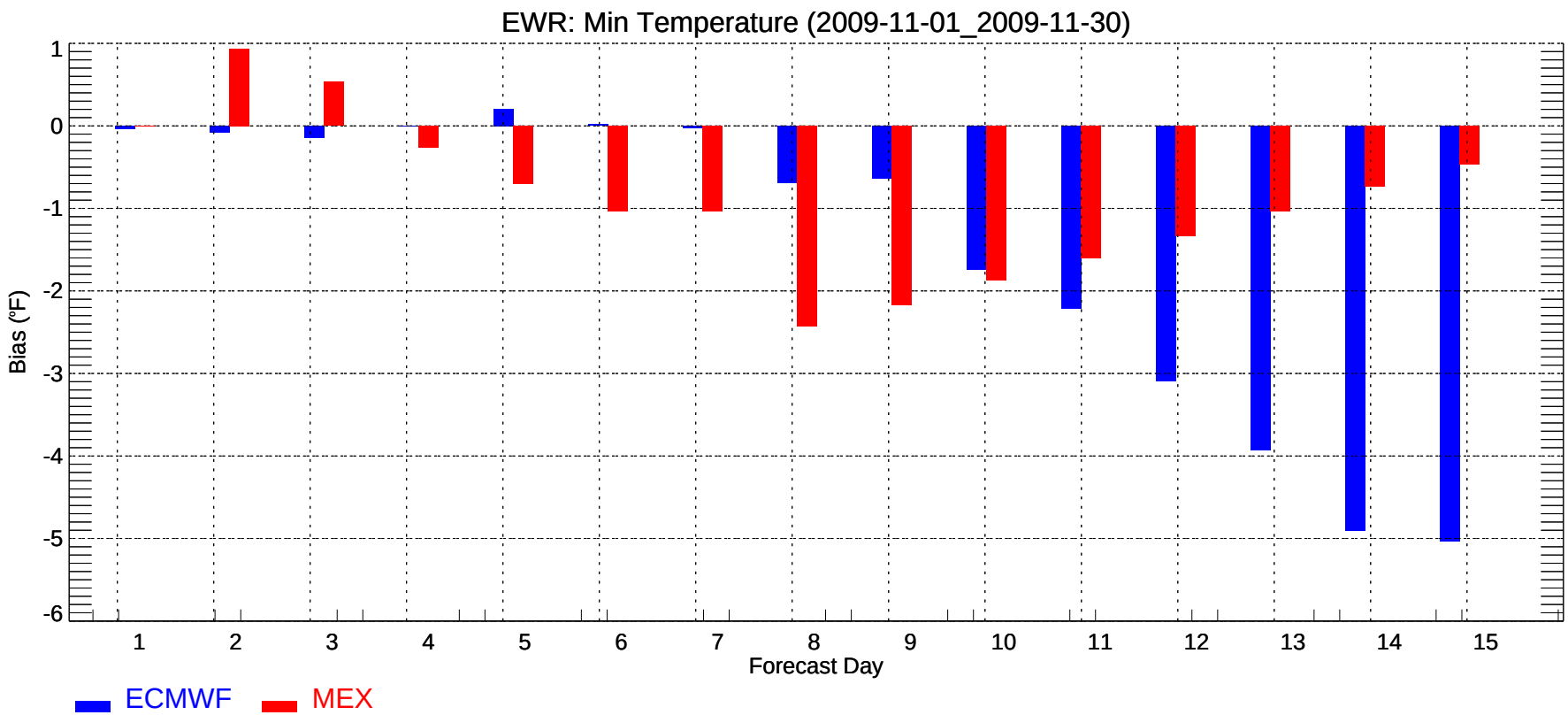
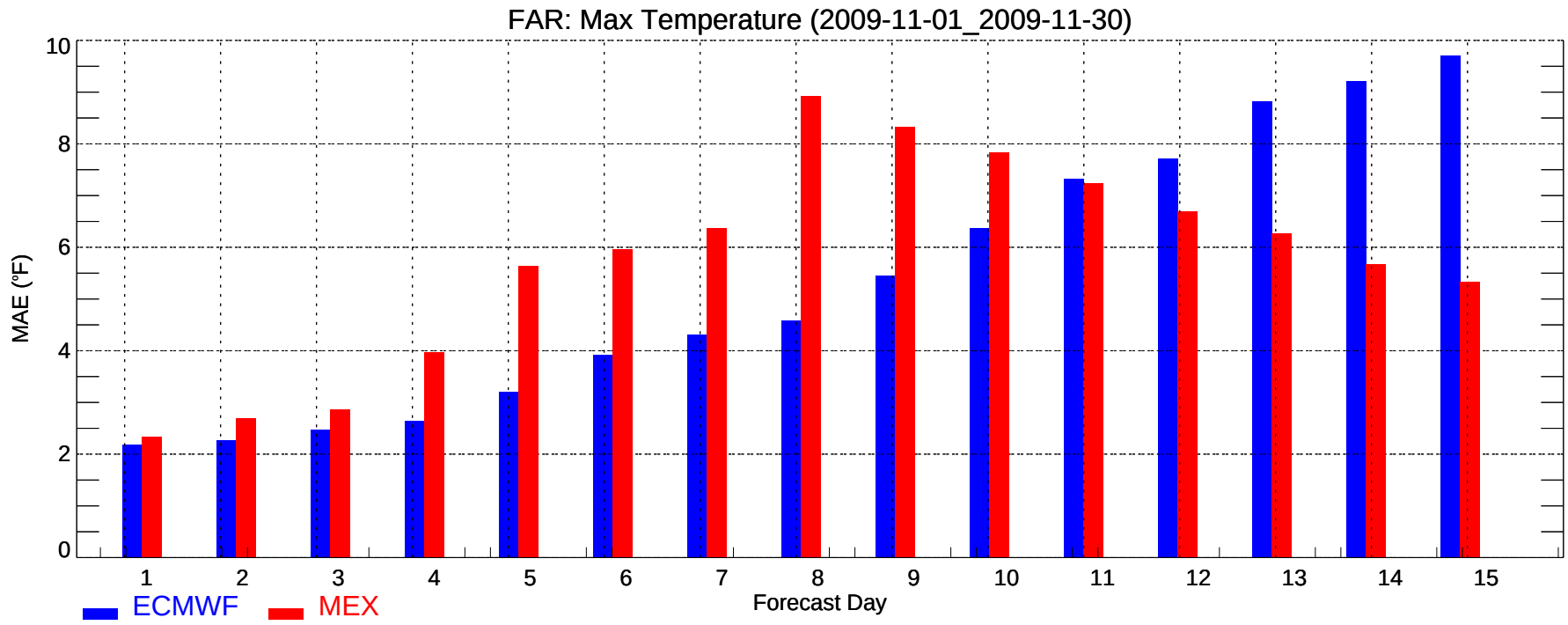
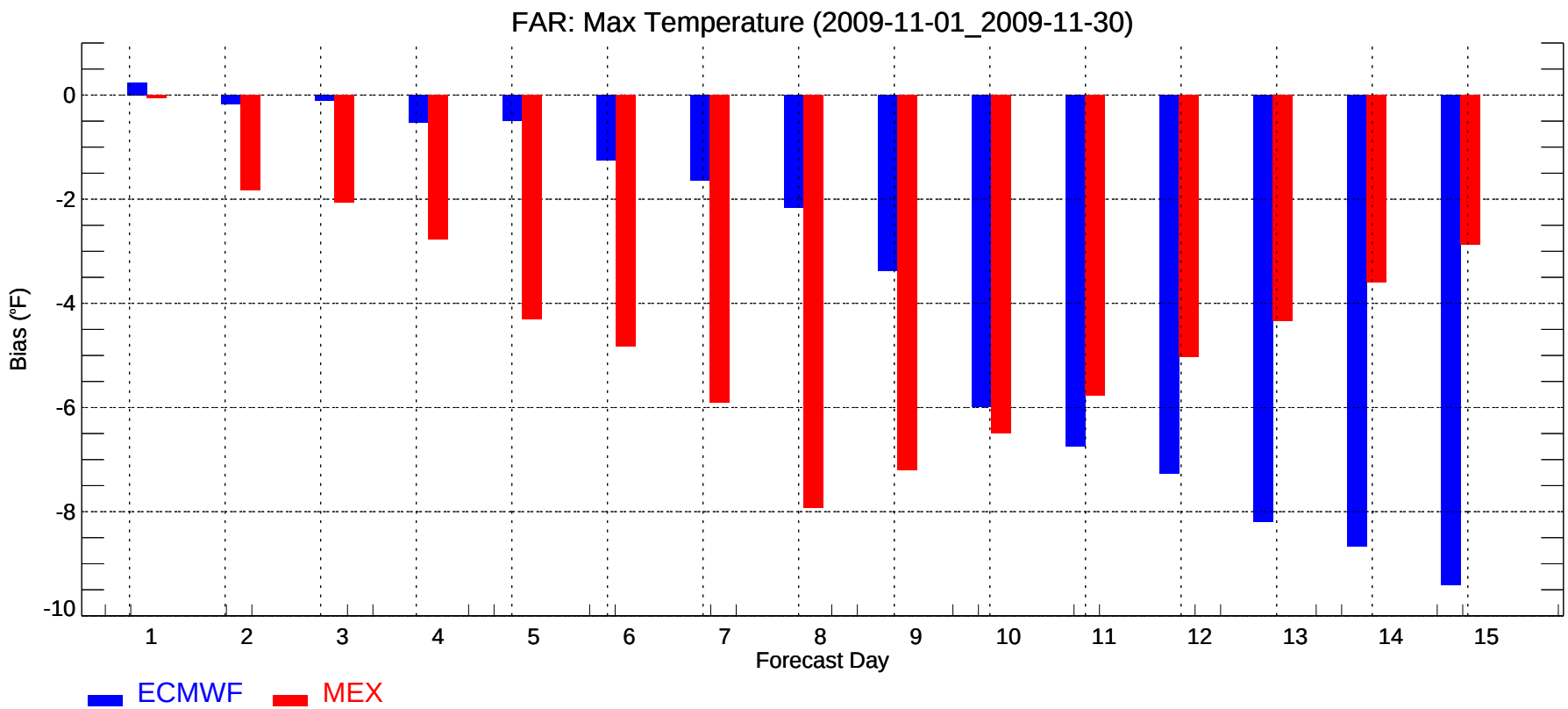
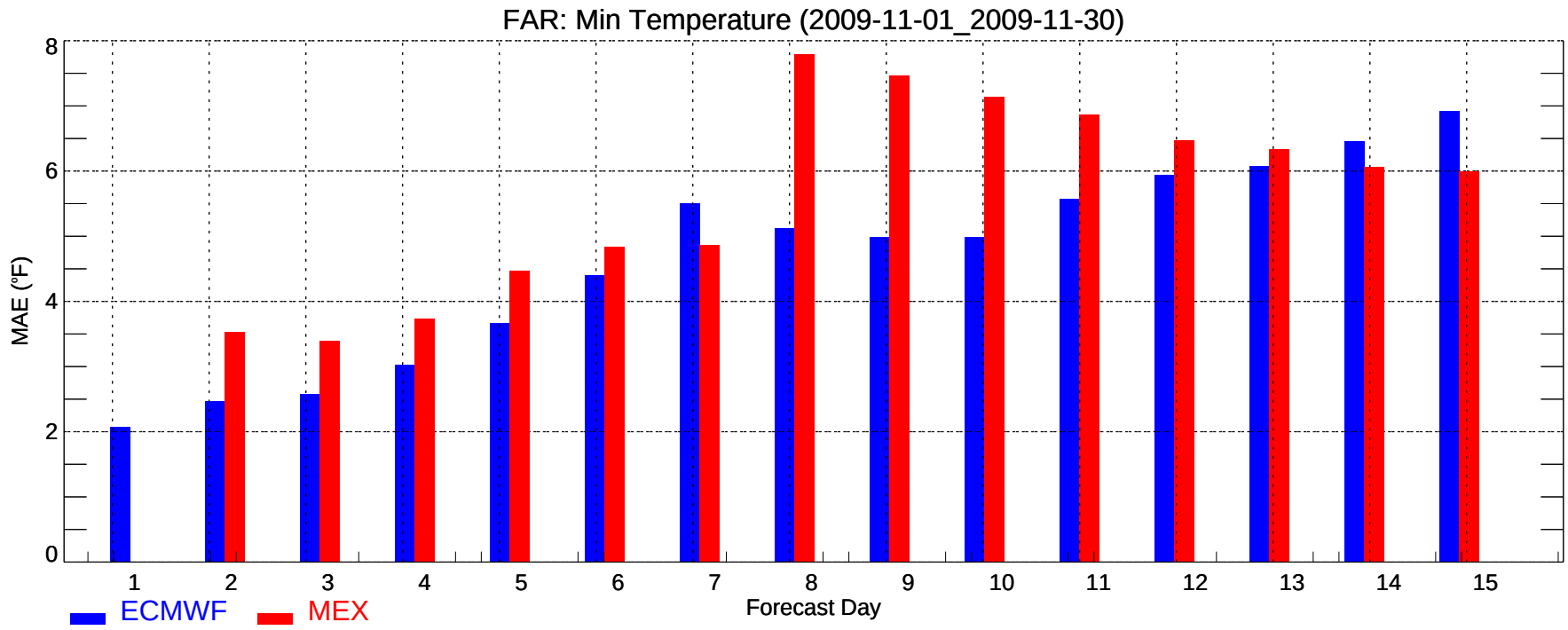
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Min Temperature (2009-11-01_2009-11-30)
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


FAR: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAR: Max Temperature (2009-11-01_2009-11-30)
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: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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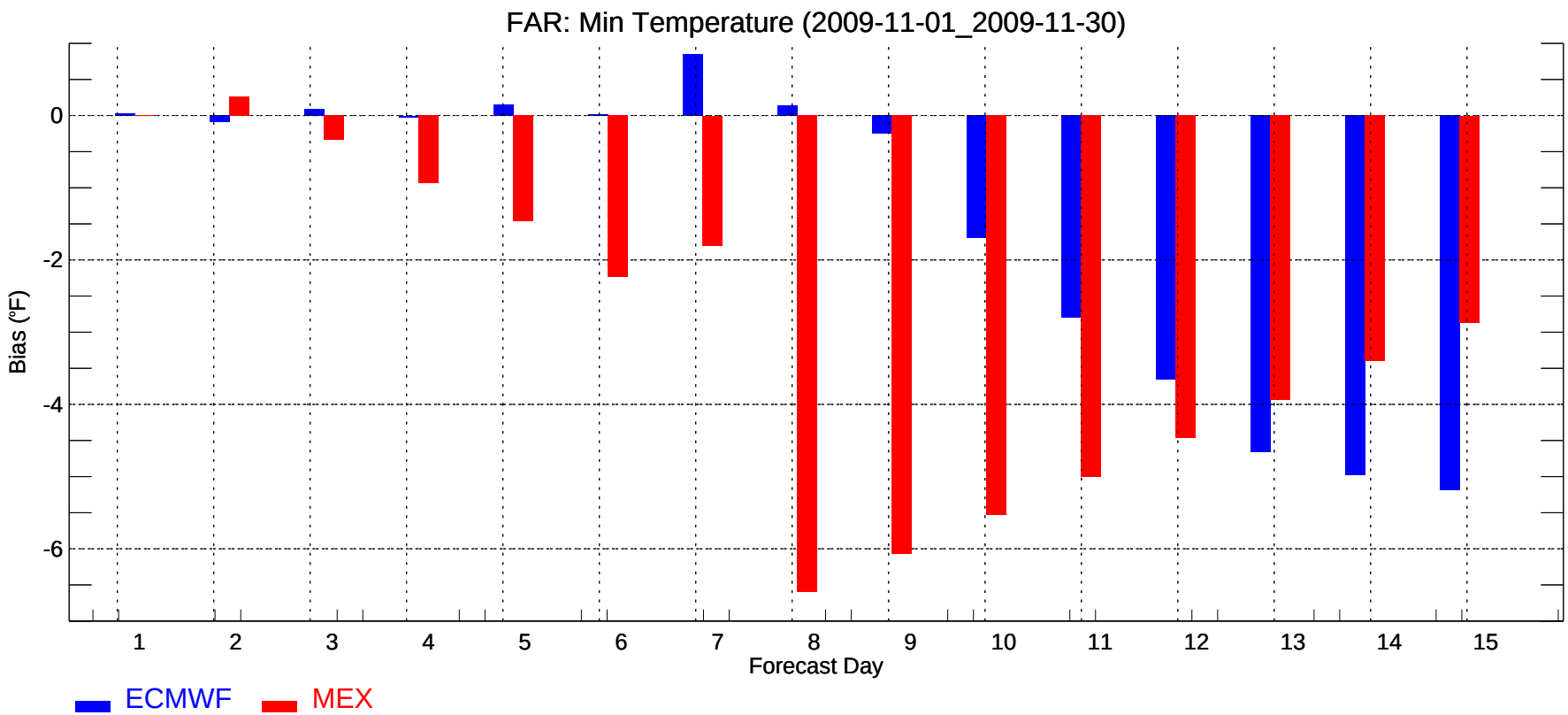
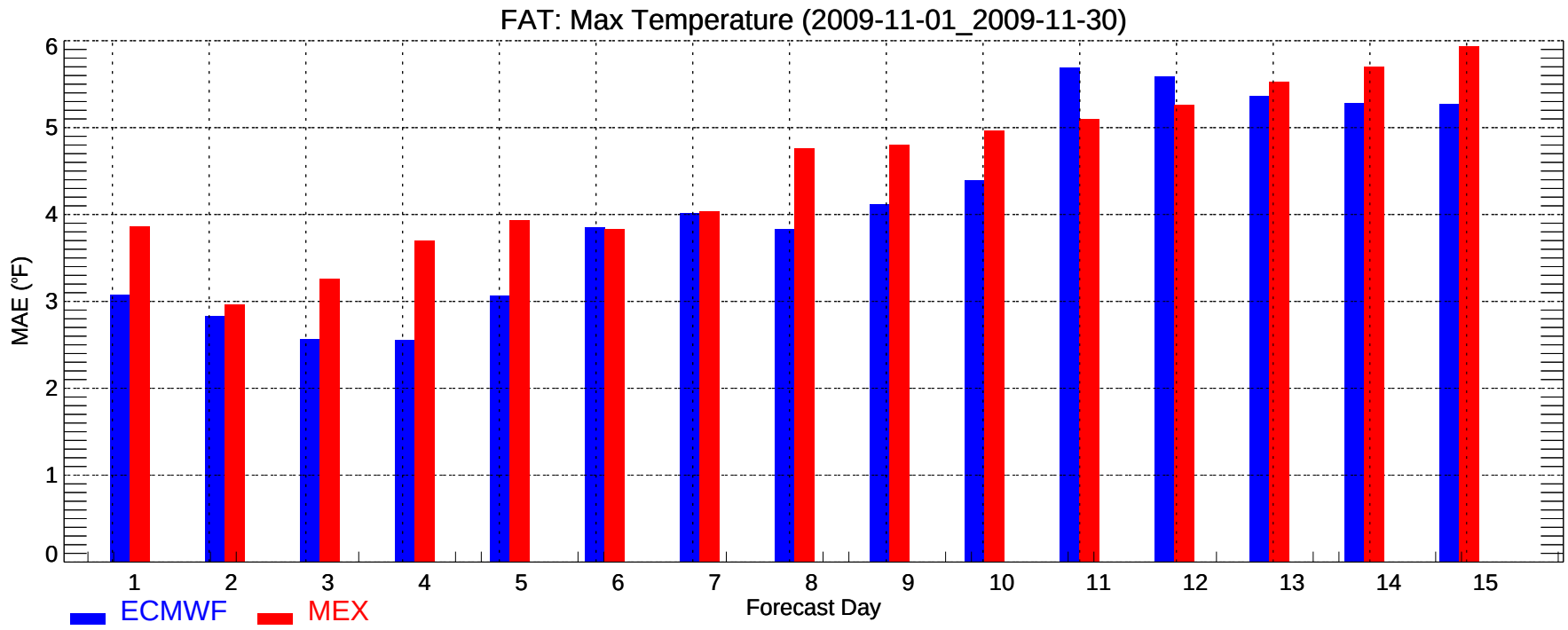
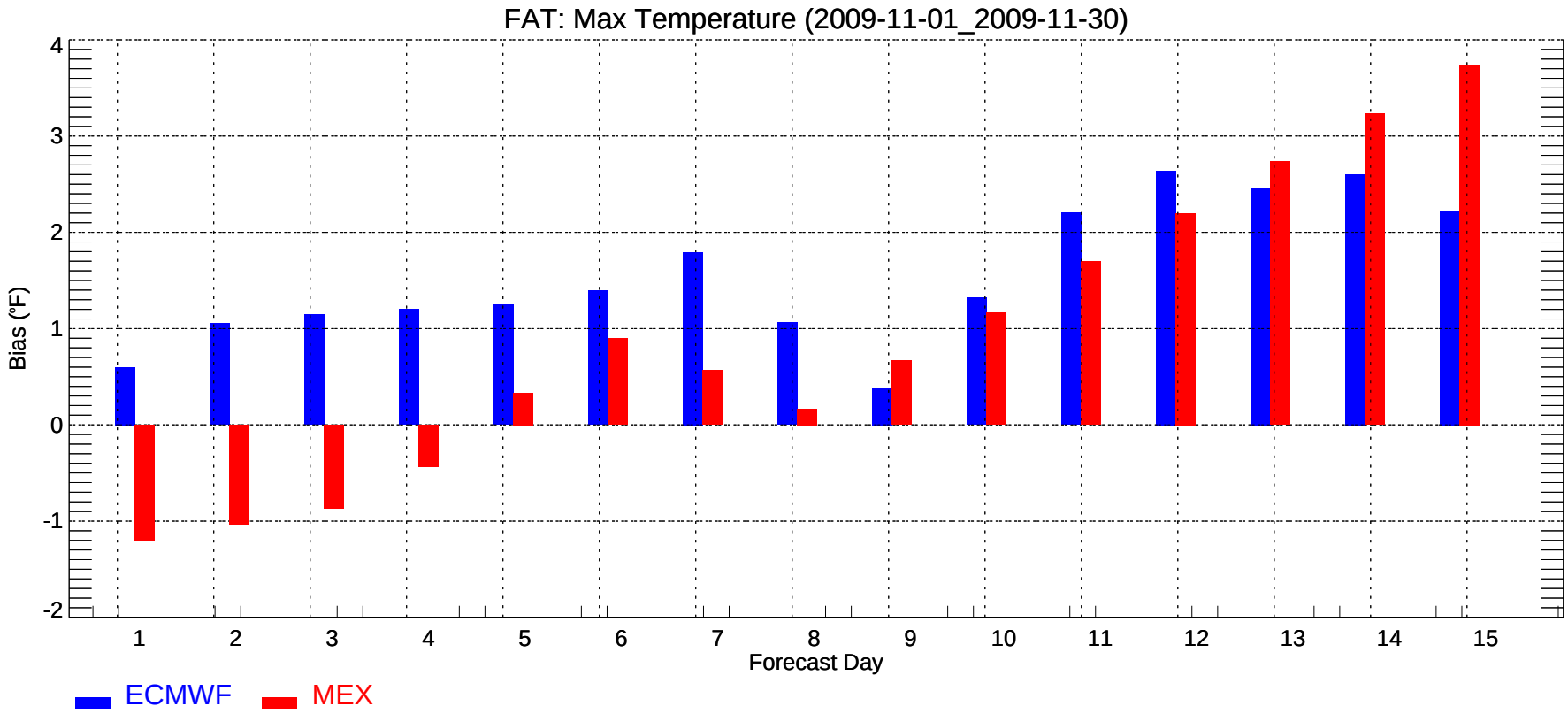
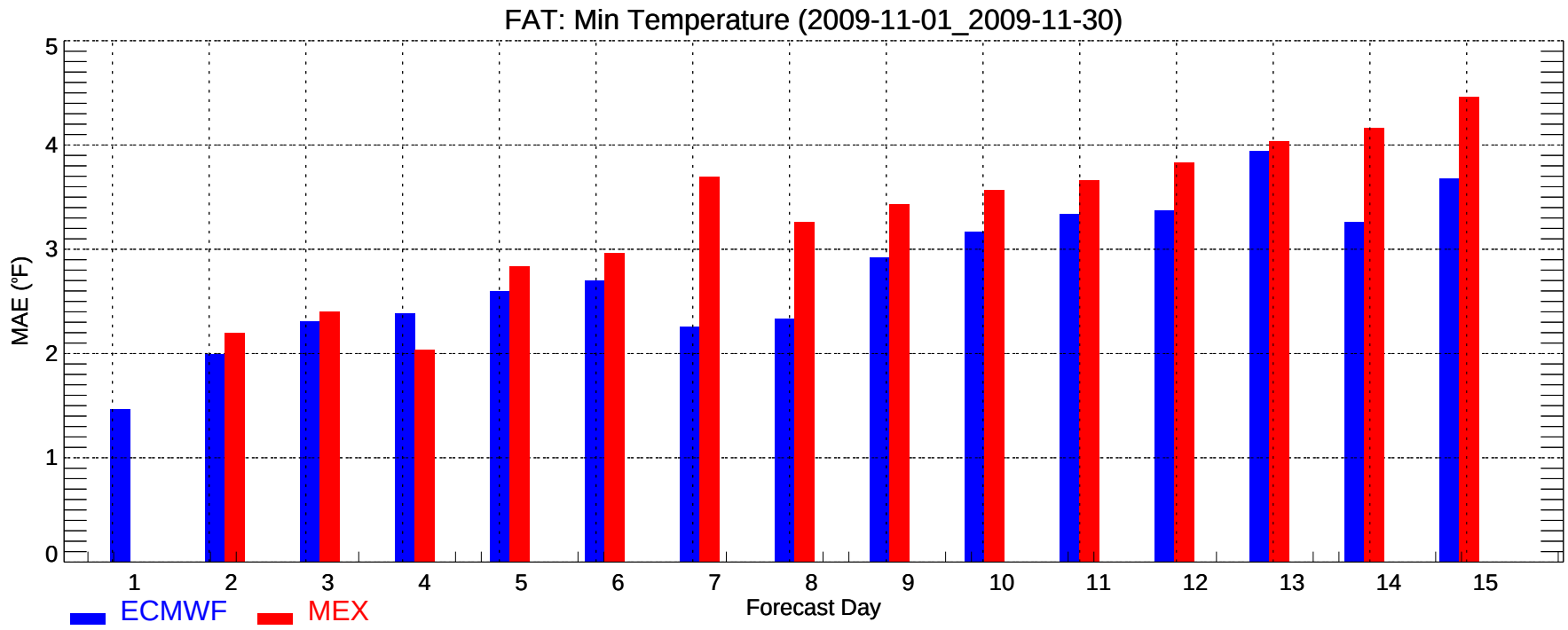
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAR: Min Temperature (2009-11-01_2009-11-30)
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


FAT: Max Temperature (2009-11-01_2009-11-30)
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


FAT: Max Temperature (2009-11-01_2009-11-30)
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


FAT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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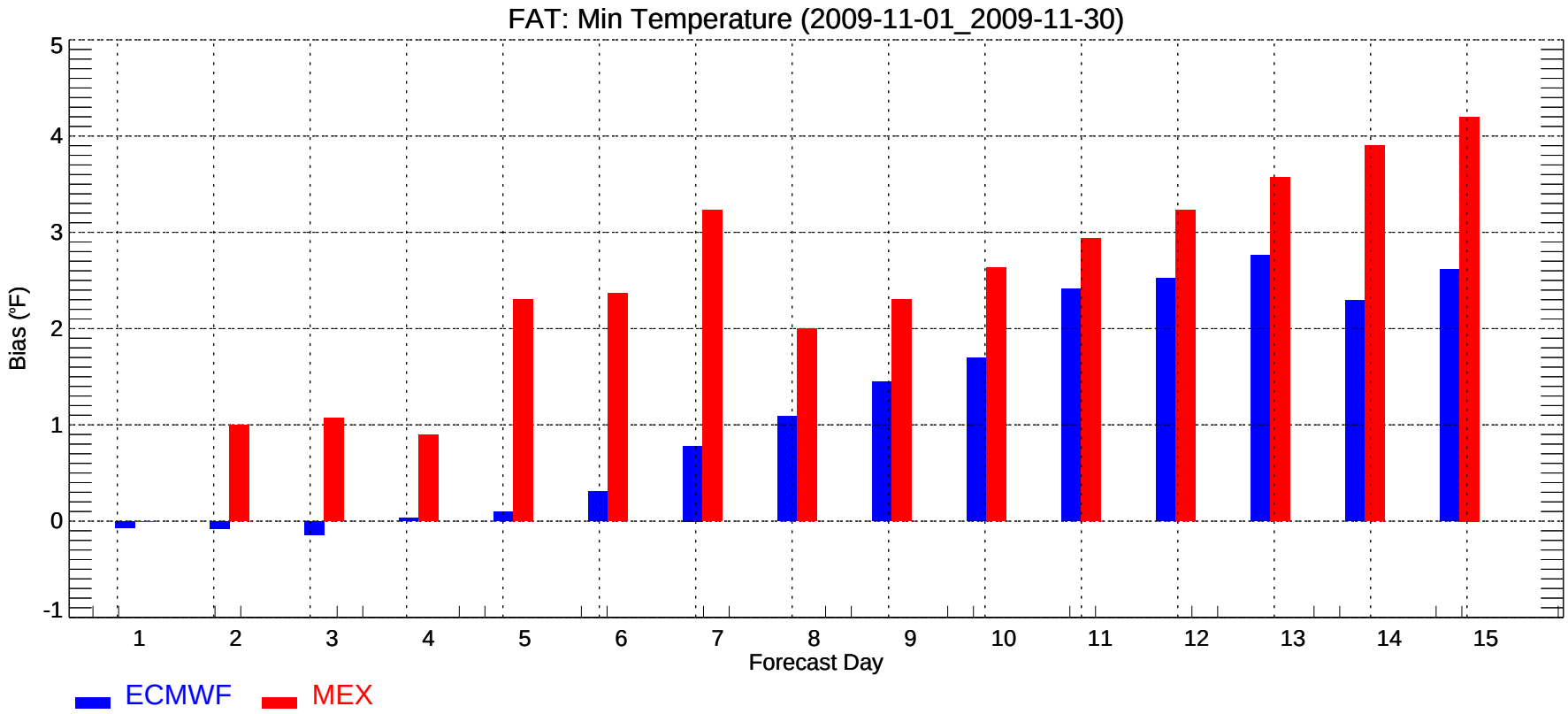
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
5
1
2
3
4
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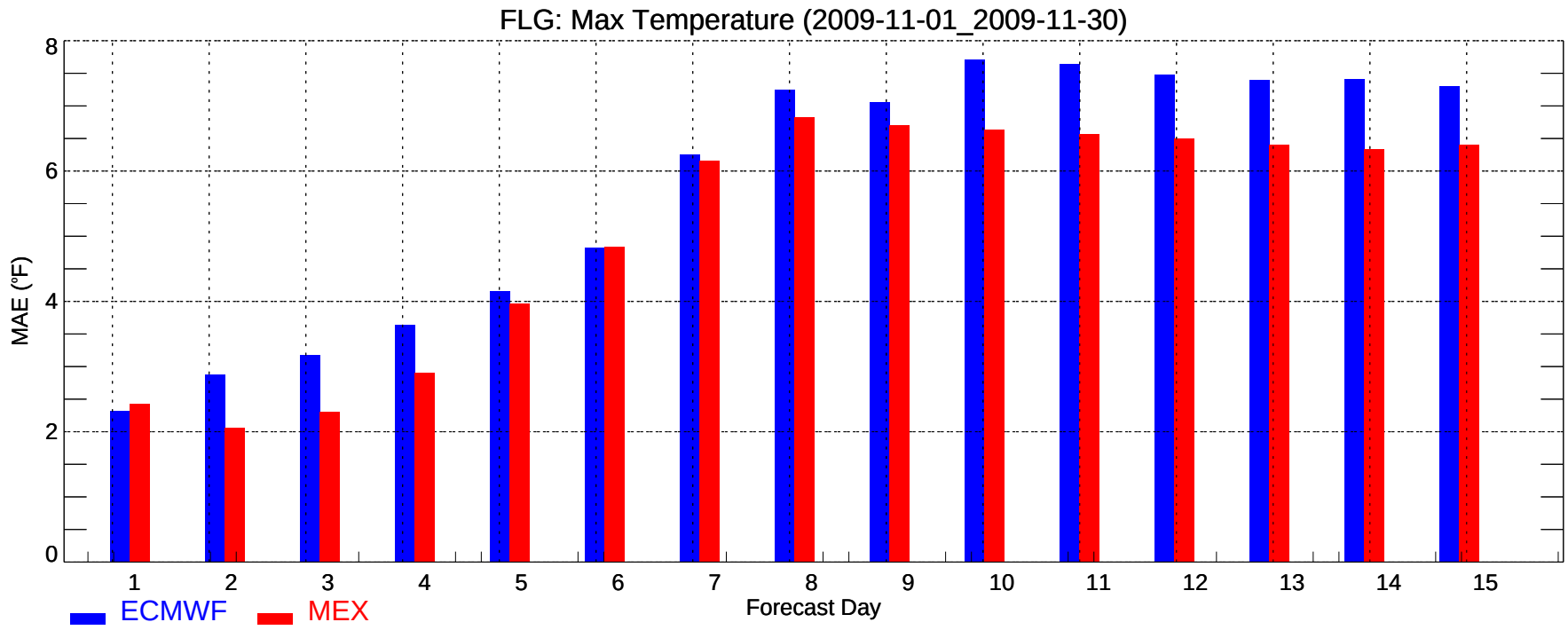
15
Forecast Day
ECMWF
MEX


FLG: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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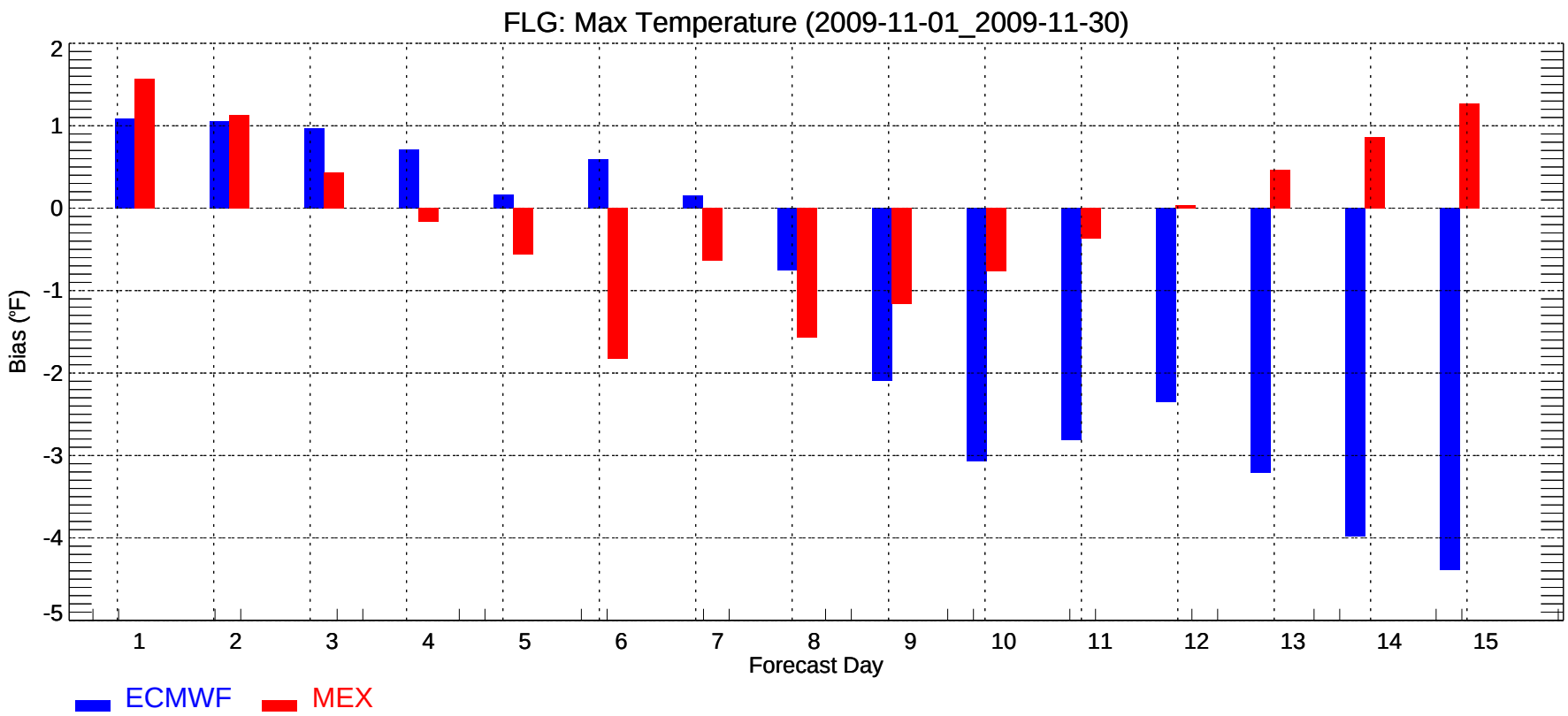
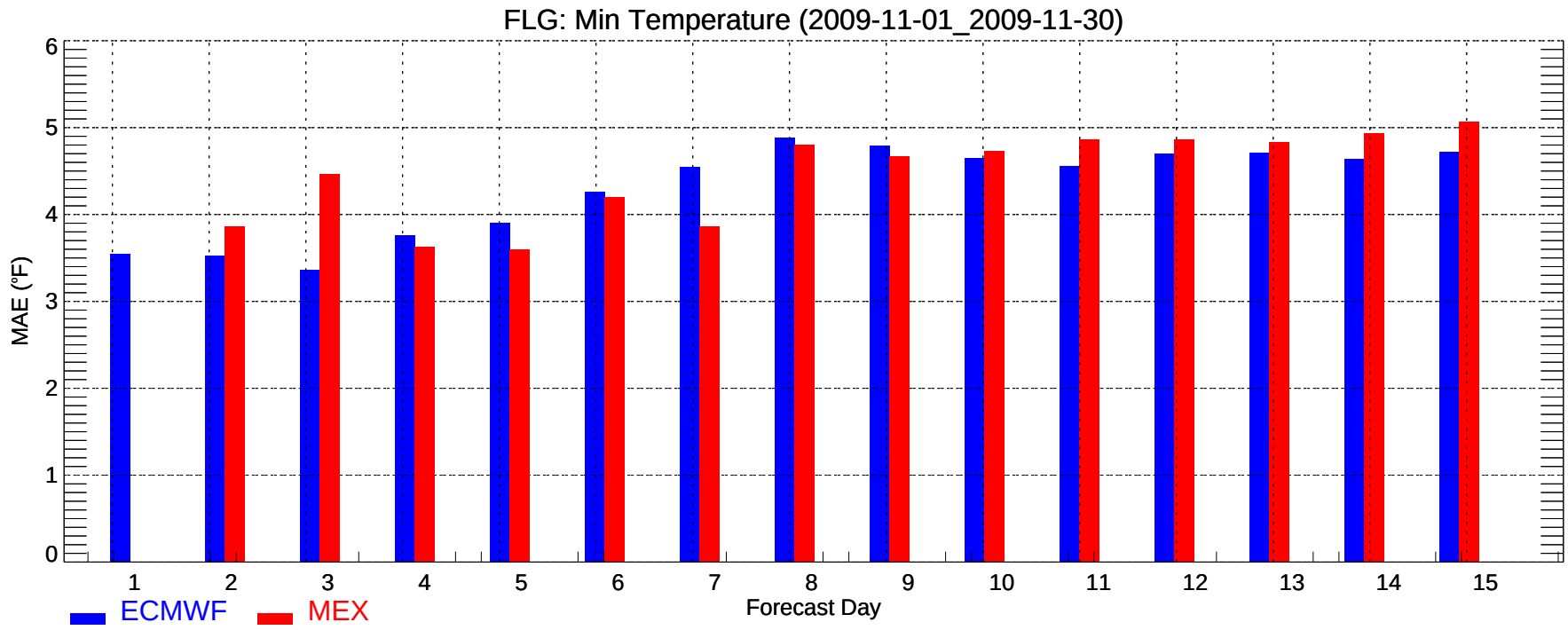
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FLG: Max Temperature (2009-11-01_2009-11-30)
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


FLG: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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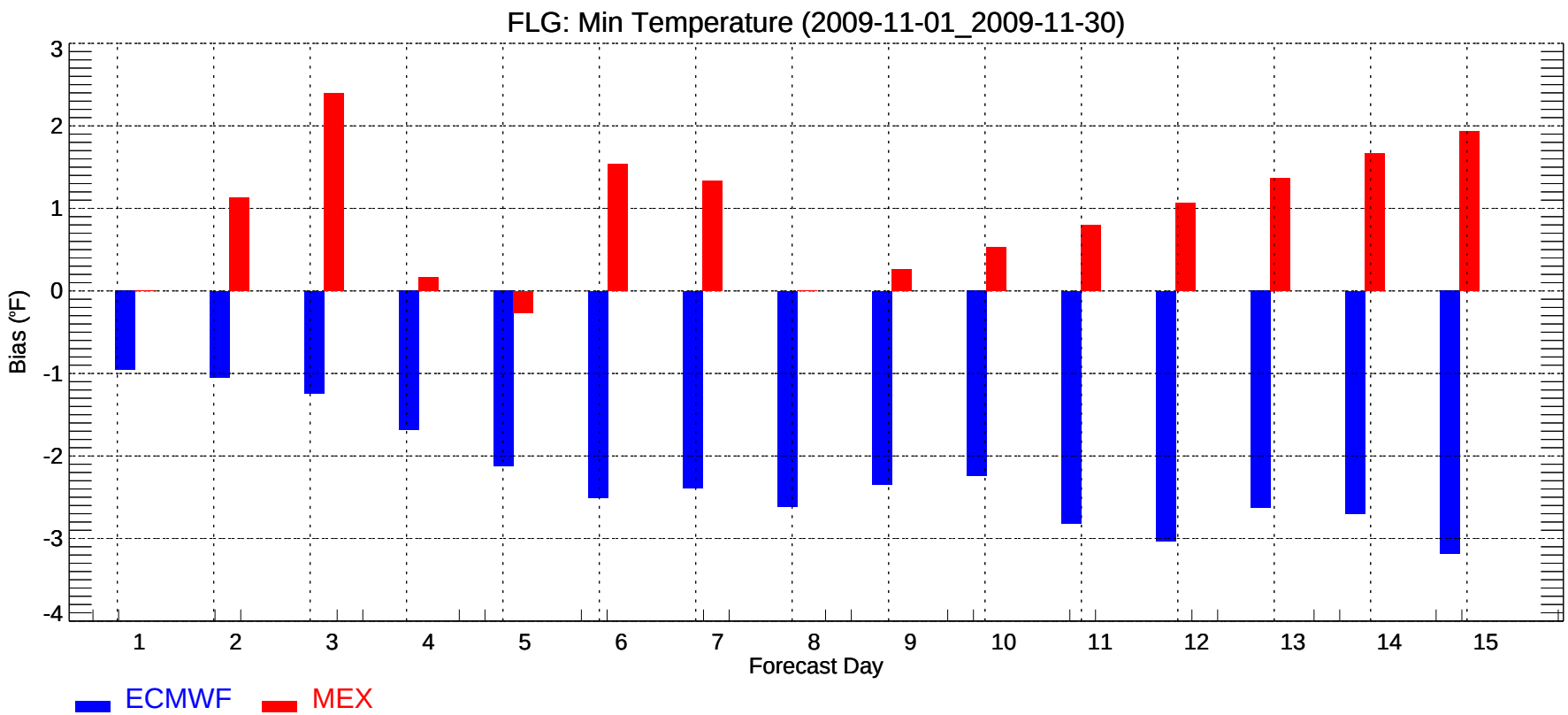
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FLG: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
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8
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13
14
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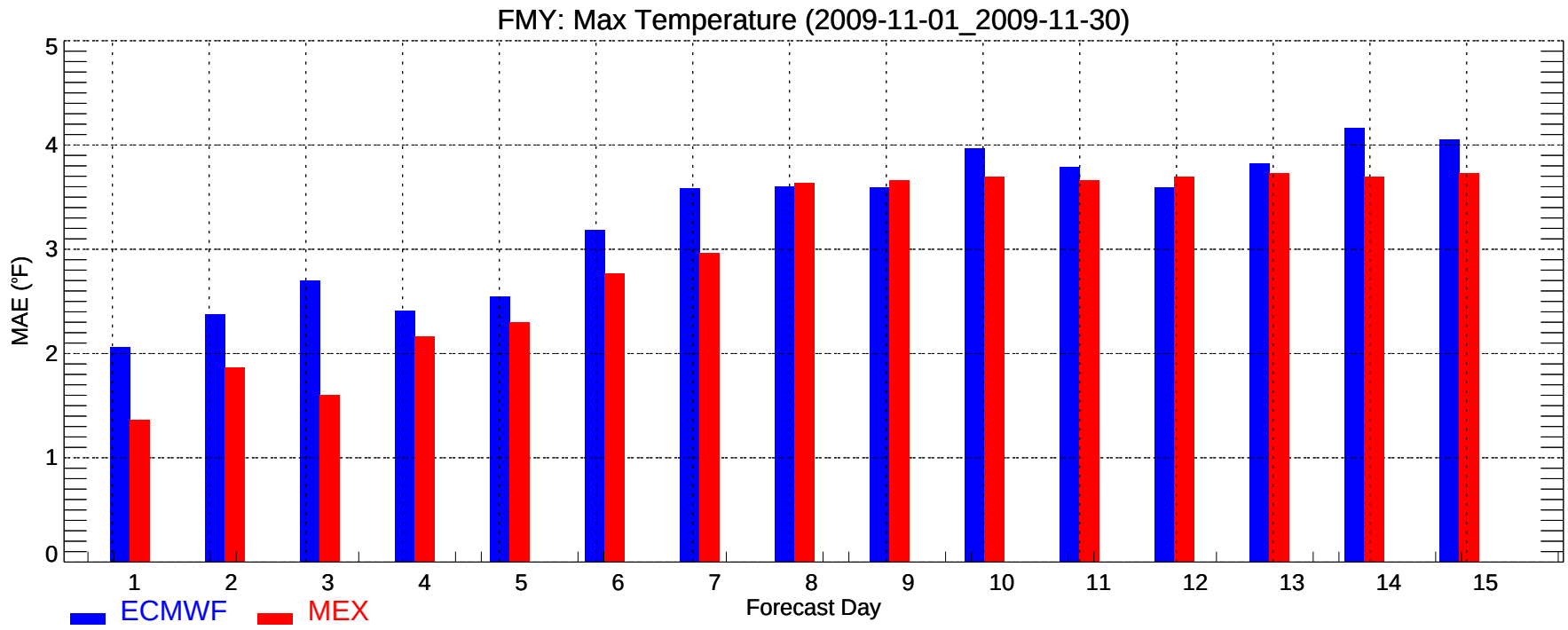
Forecast Day
ECMWF
MEX


FMY: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
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1
2
3
4
5
1
2
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6
7
8
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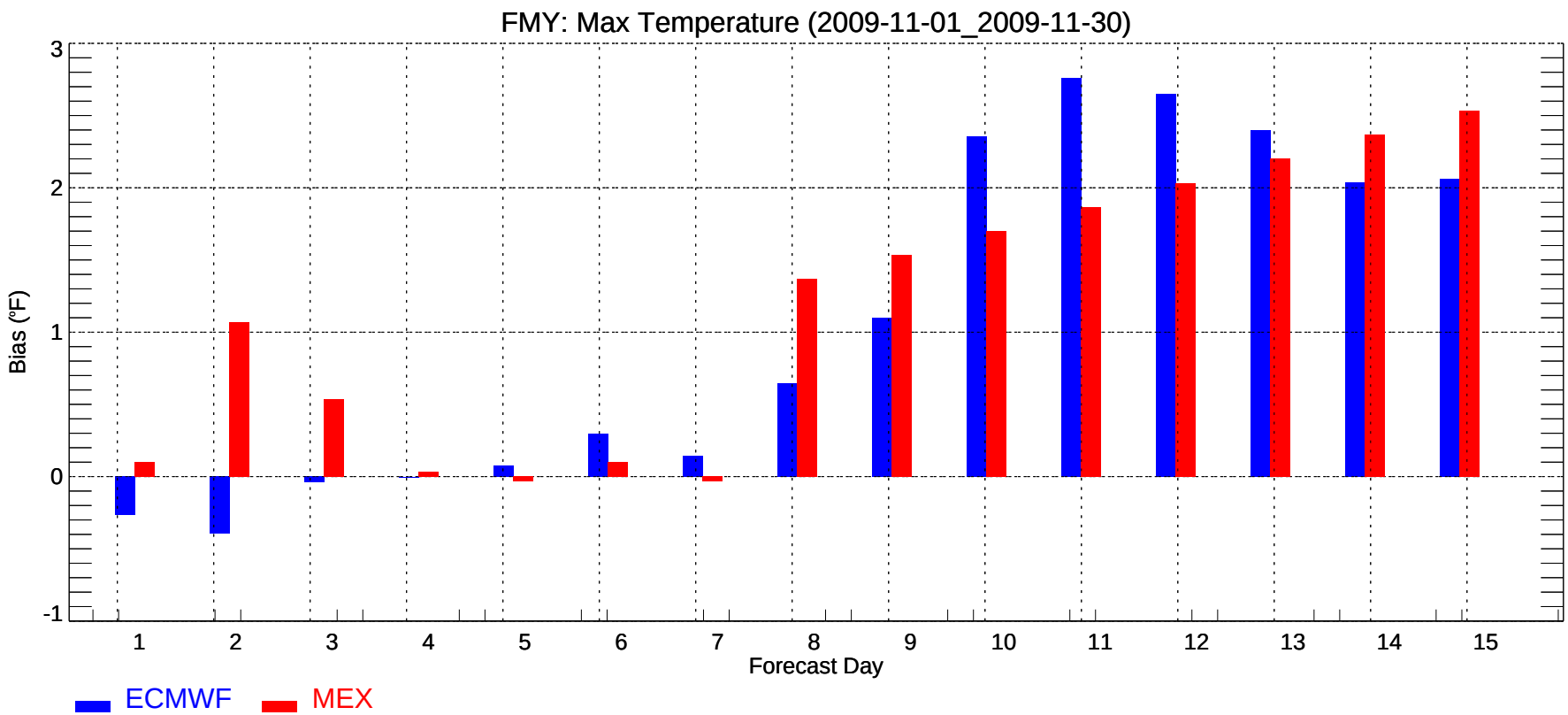
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FMY: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
1
2
3
4
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6
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8
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10
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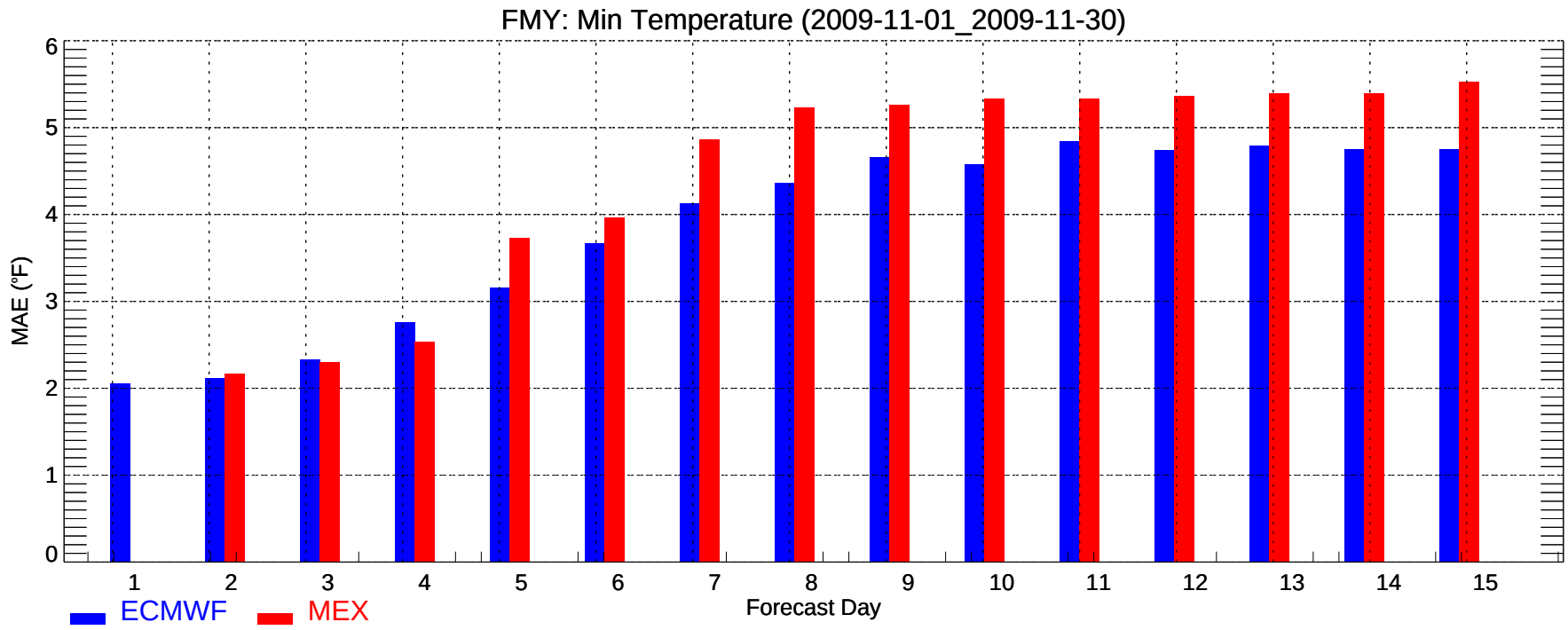
12
13
14
15
Forecast Day
ECMWF
MEX


FMY: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
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1
2
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6
7
8
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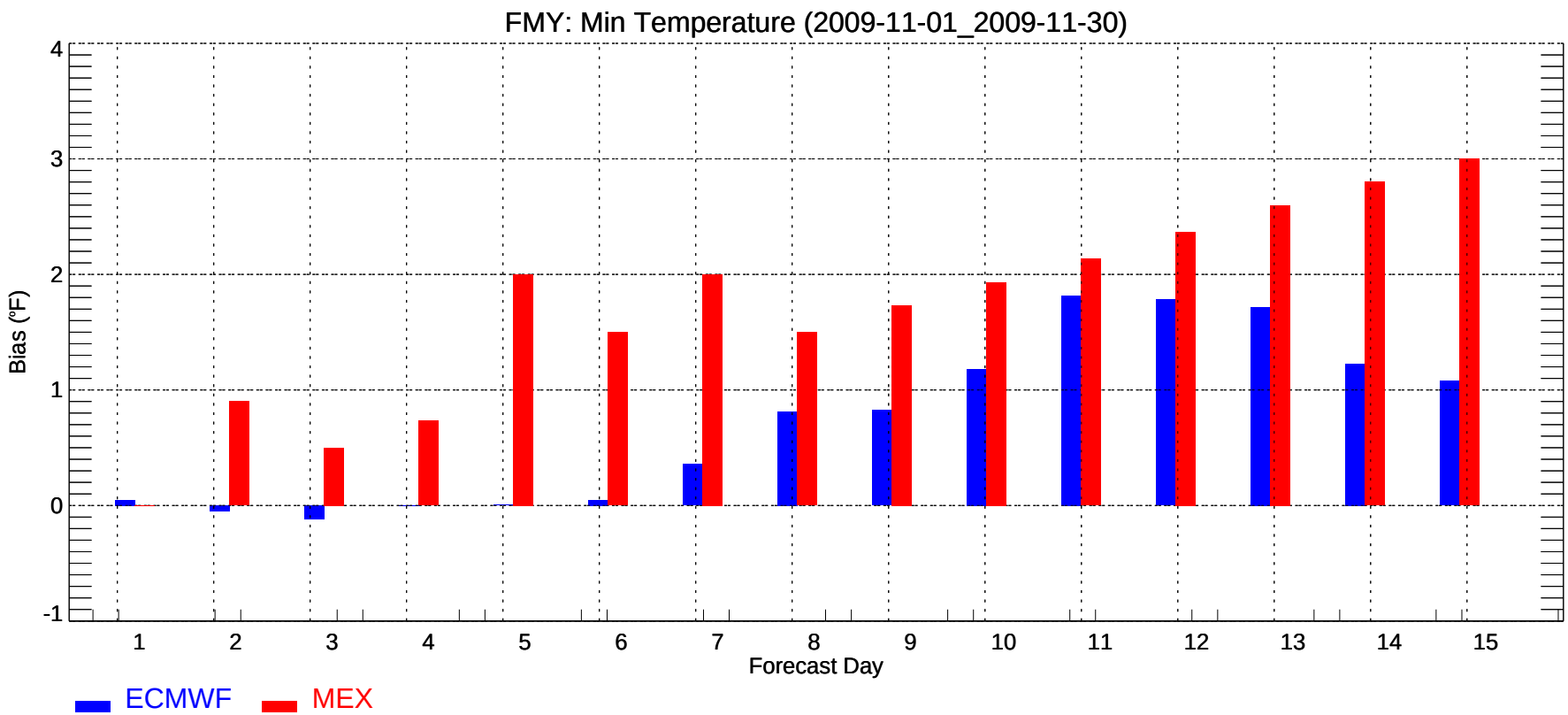
11
12
13
14
15
Forecast Day
ECMWF
MEX


FMY: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
1
2
3
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6
7
8
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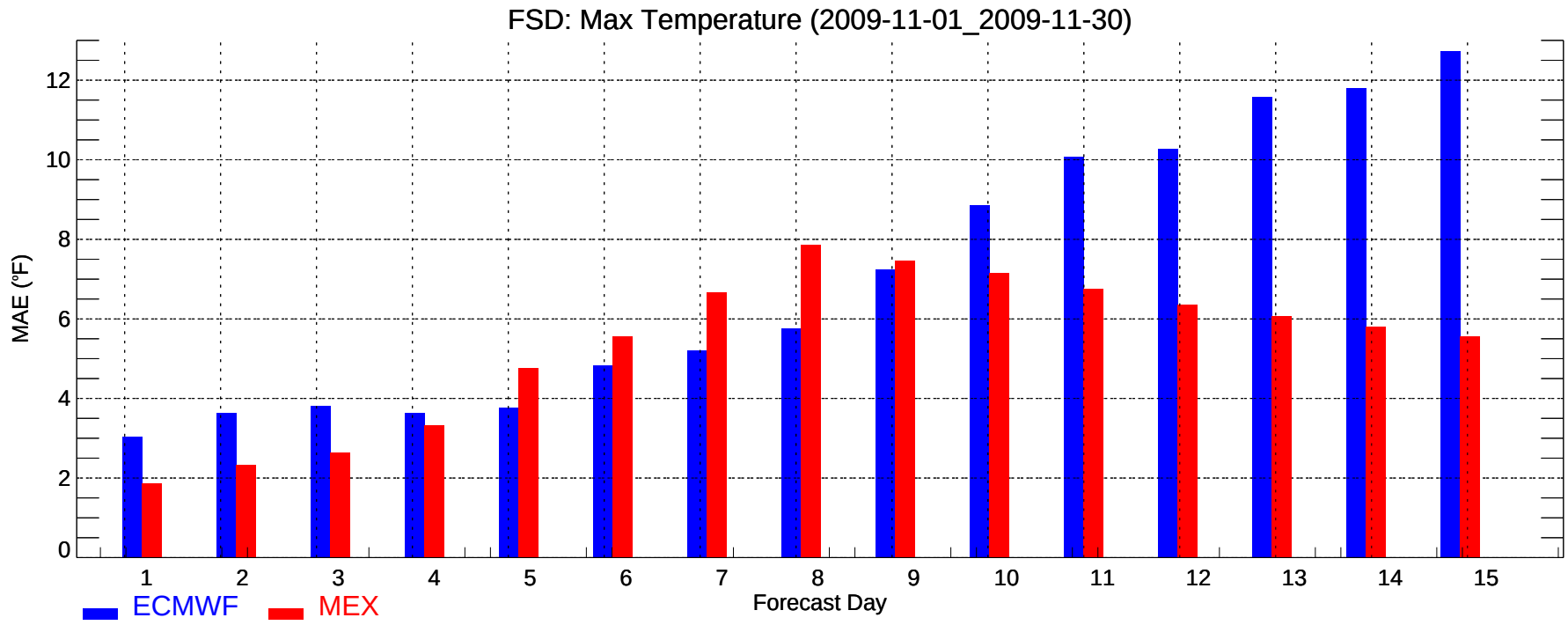
12
13
14
15
Forecast Day
ECMWF
MEX


FSD: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
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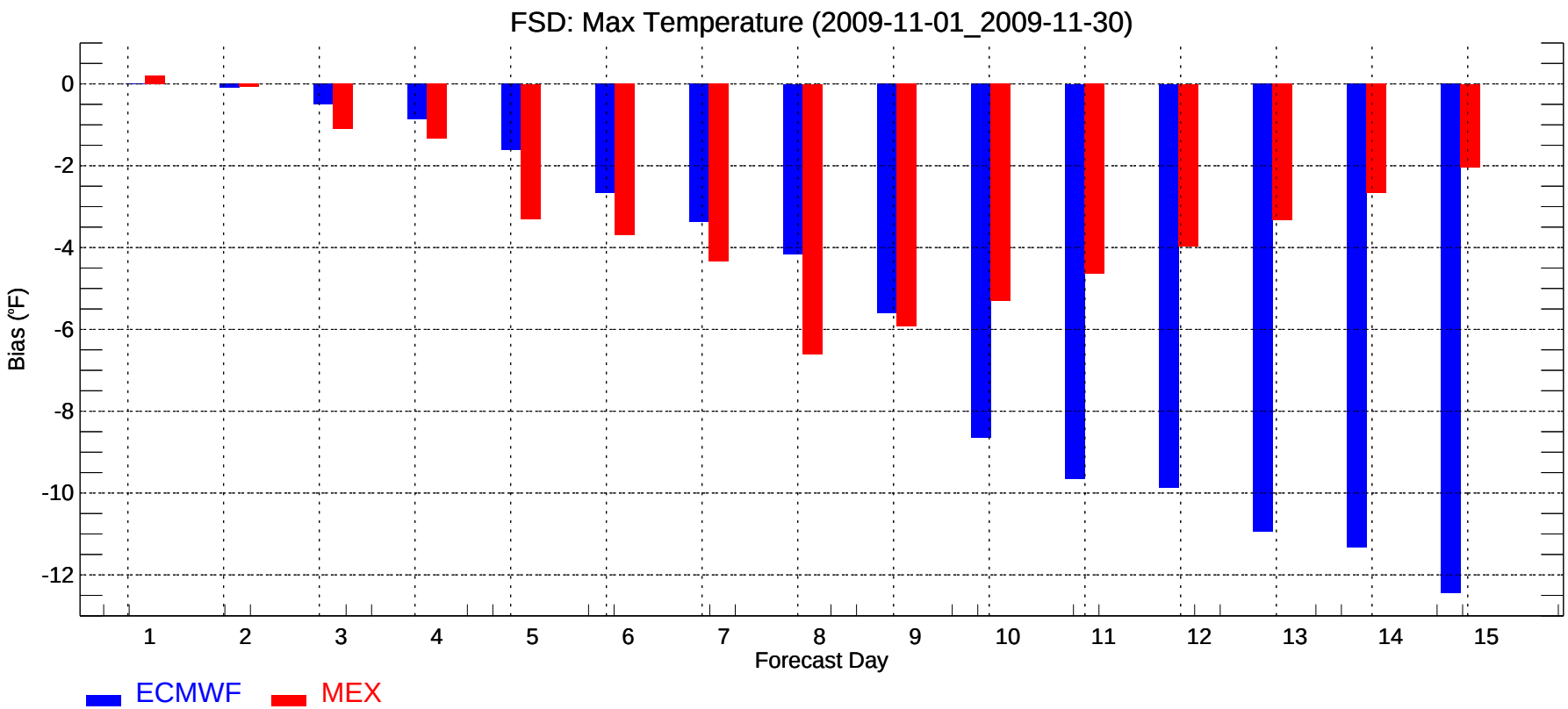
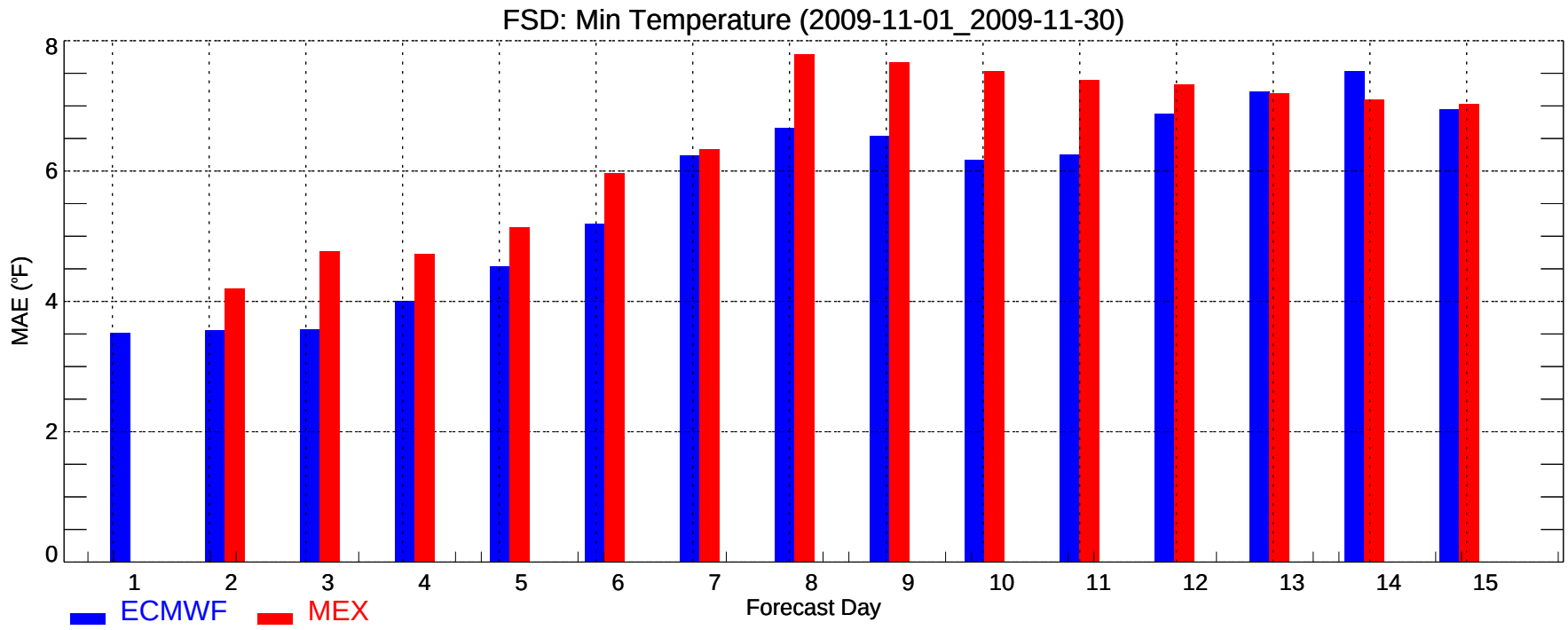
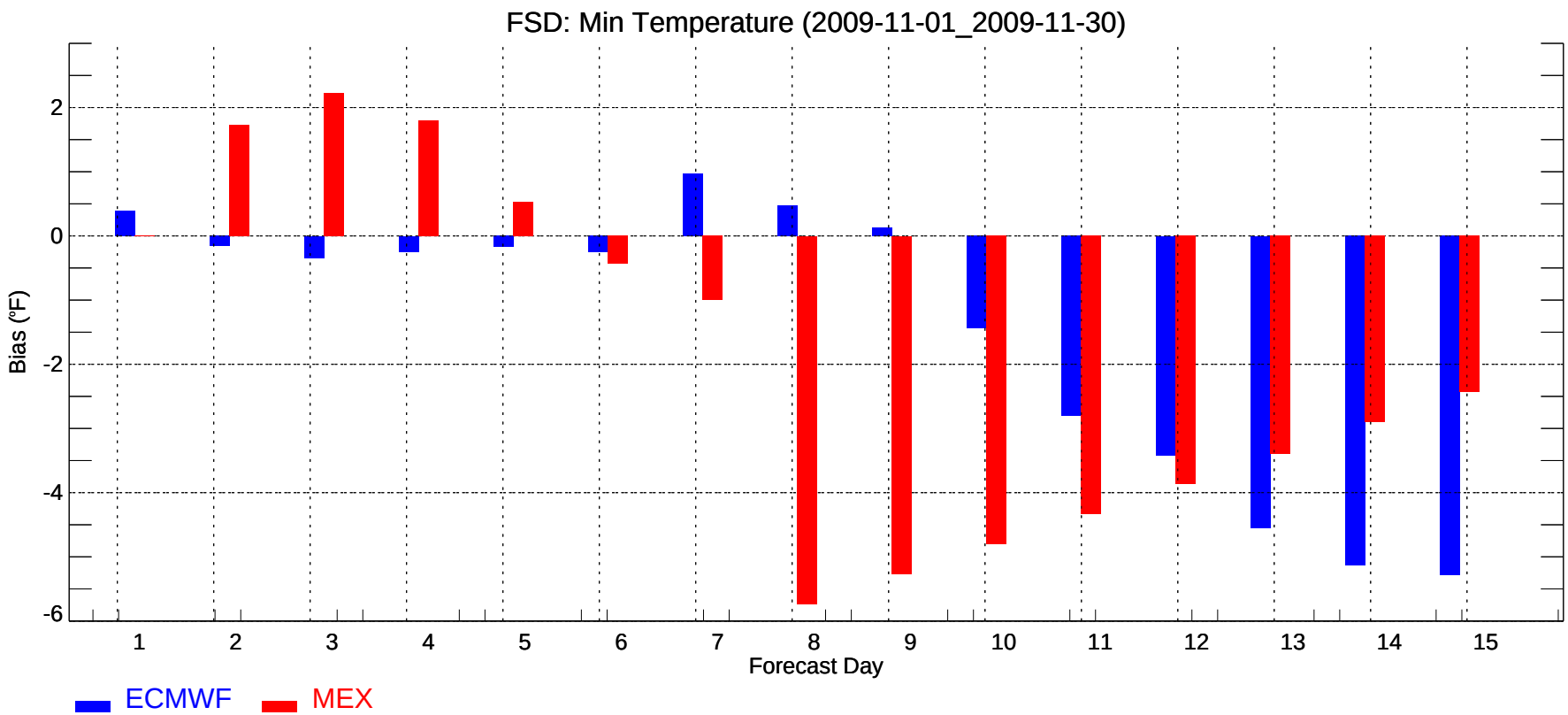
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FSD: Max Temperature (2009-11-01_2009-11-30)
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


FSD: Min Temperature (2009-11-01_2009-11-30)
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: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
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6
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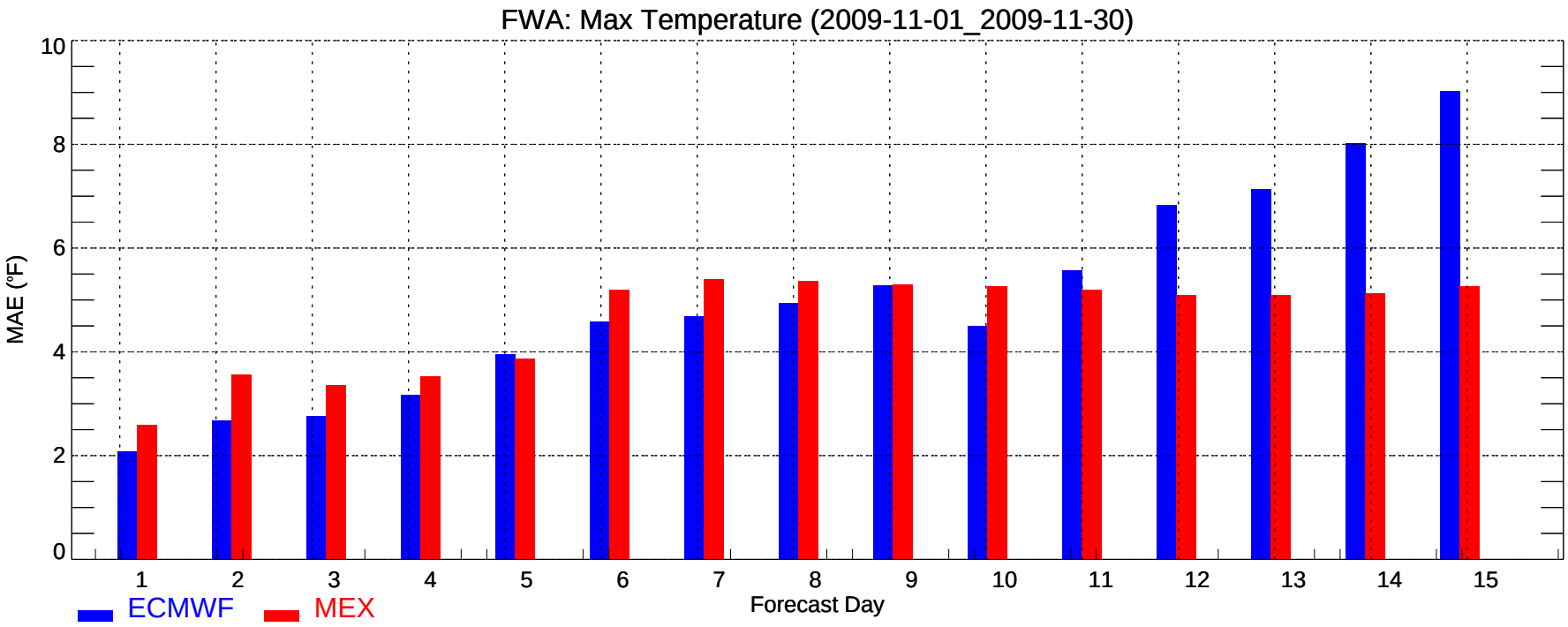
13
14
15
Forecast Day
ECMWF
MEX


FWA: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
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10
1
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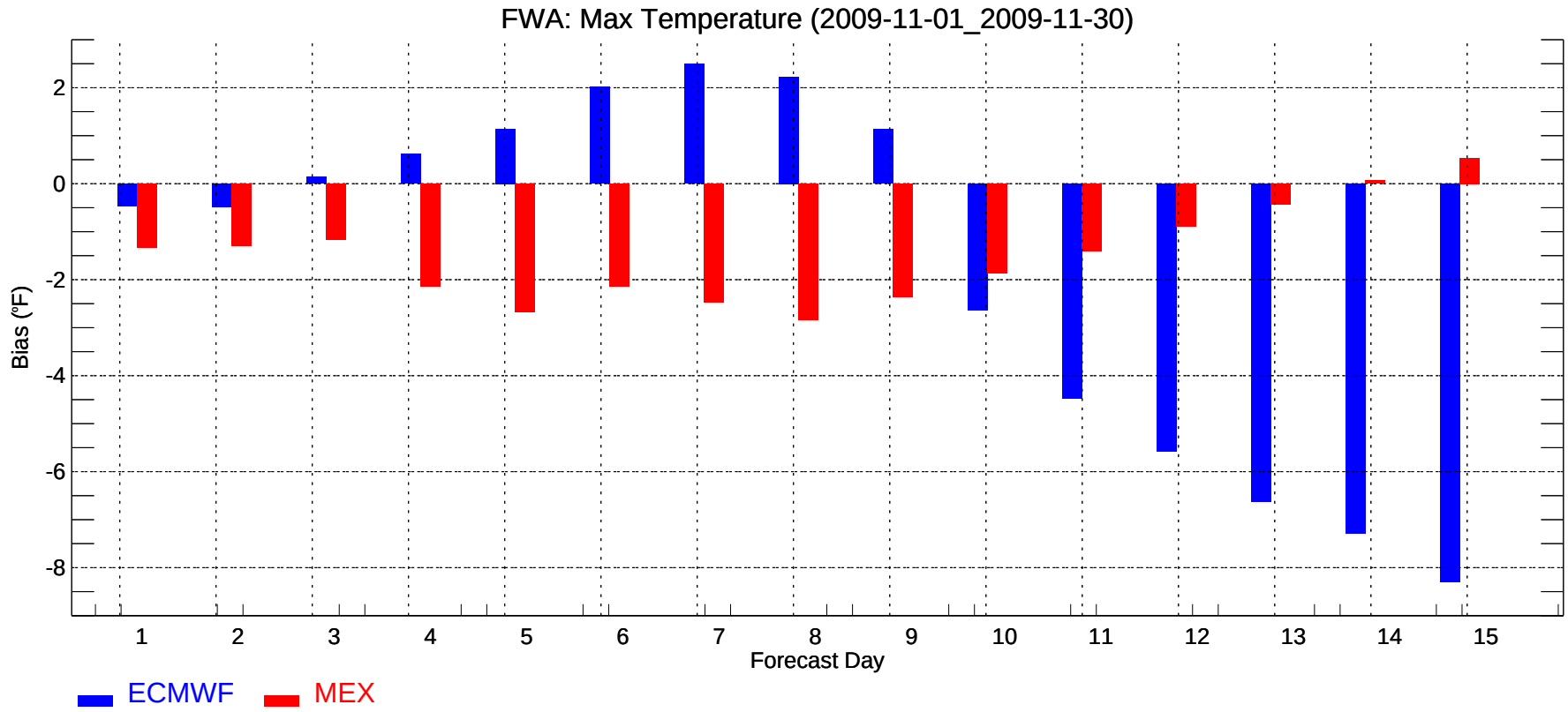
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FWA: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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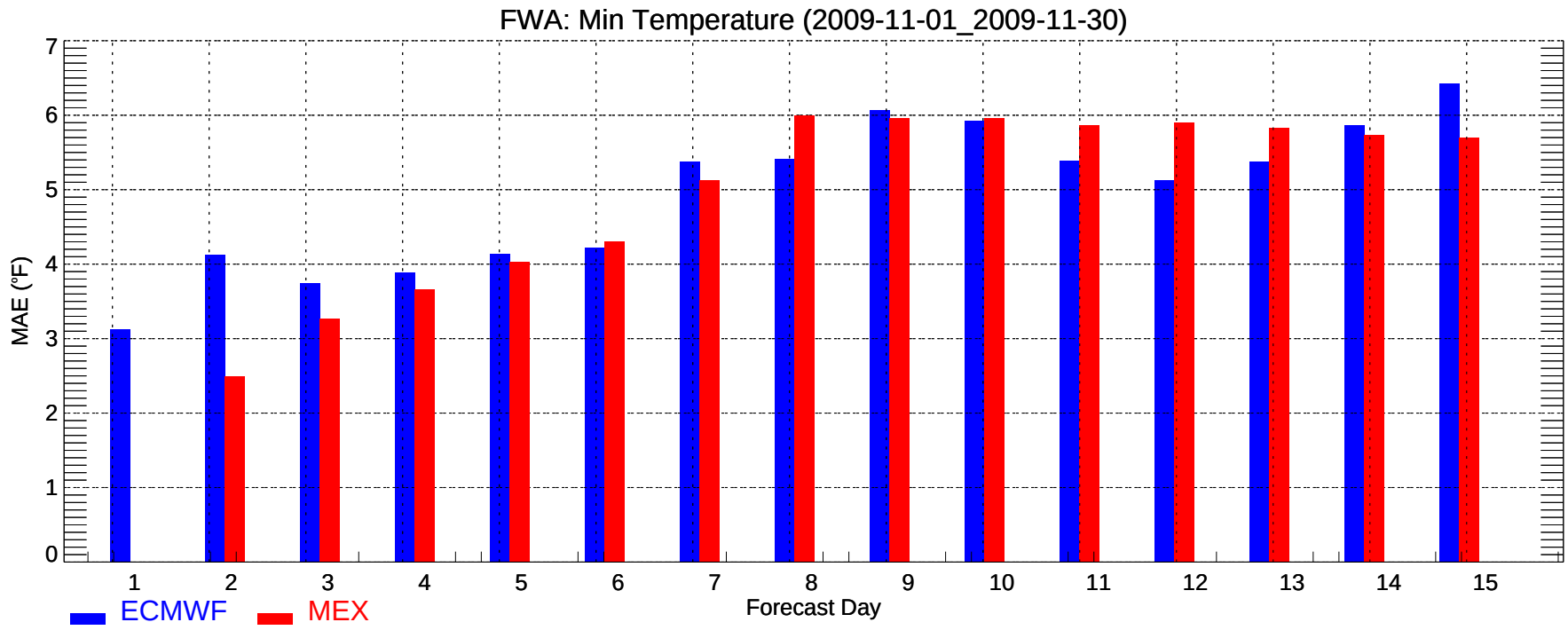
14
15
Forecast Day
ECMWF
MEX


FWA: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
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4
5
6
7
1
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6
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13
14
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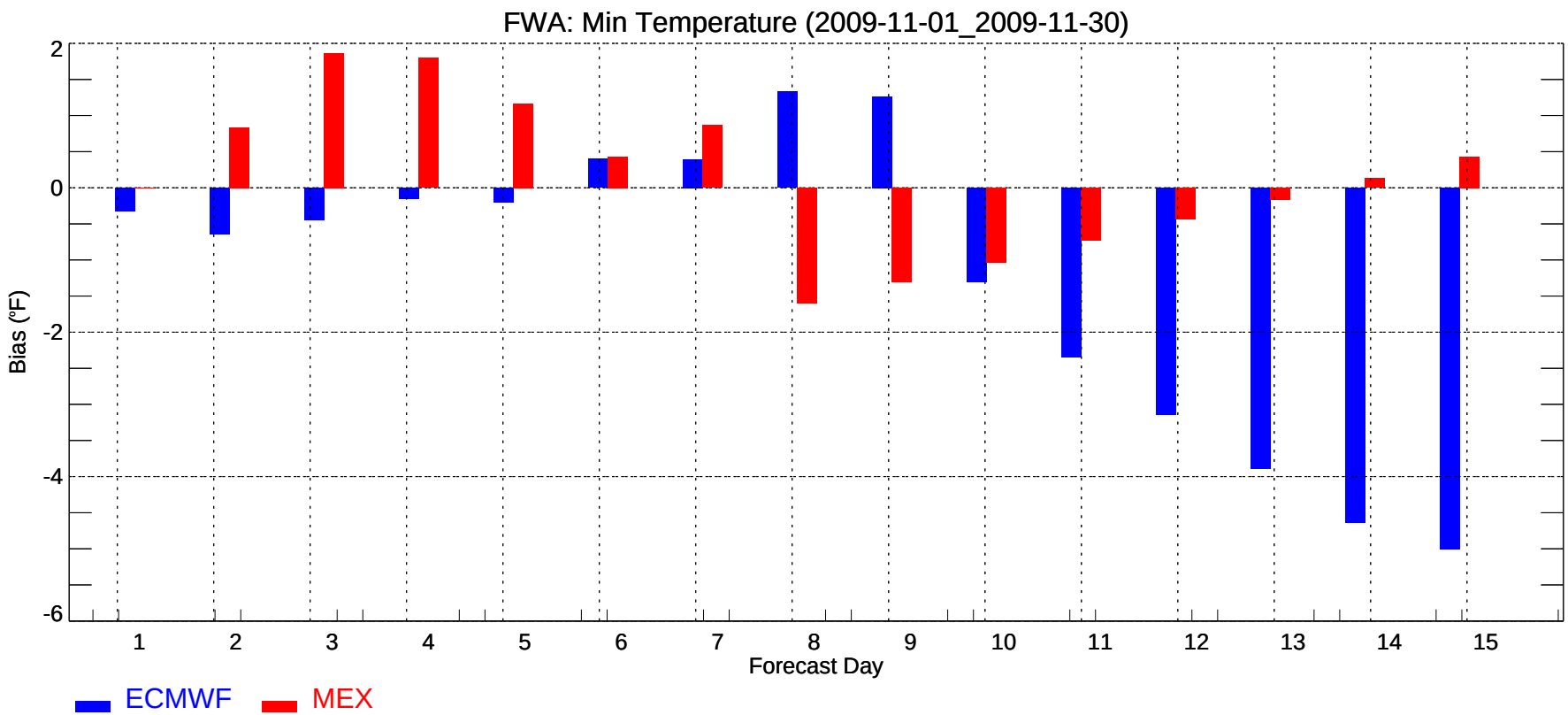
Forecast Day
ECMWF
MEX


FWA: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
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13
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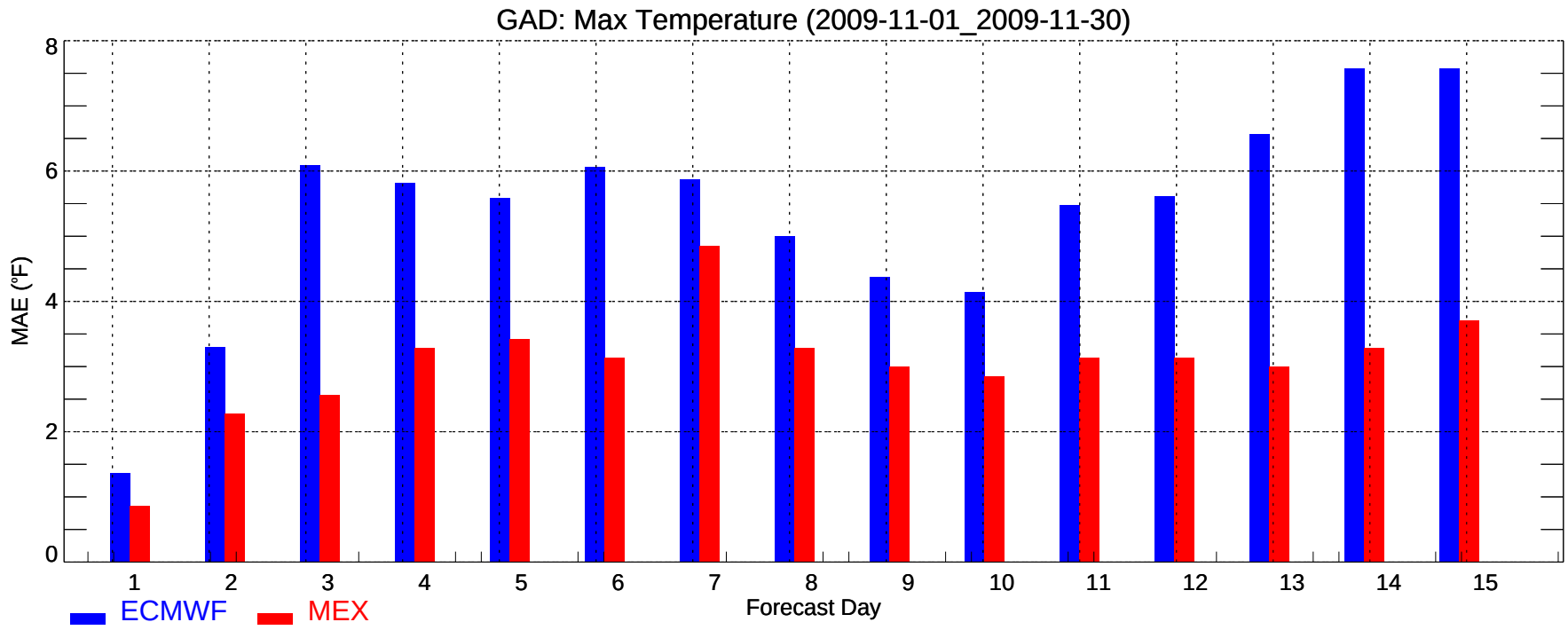
Forecast Day
ECMWF
MEX


GAD: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
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8
1
2
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9
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11
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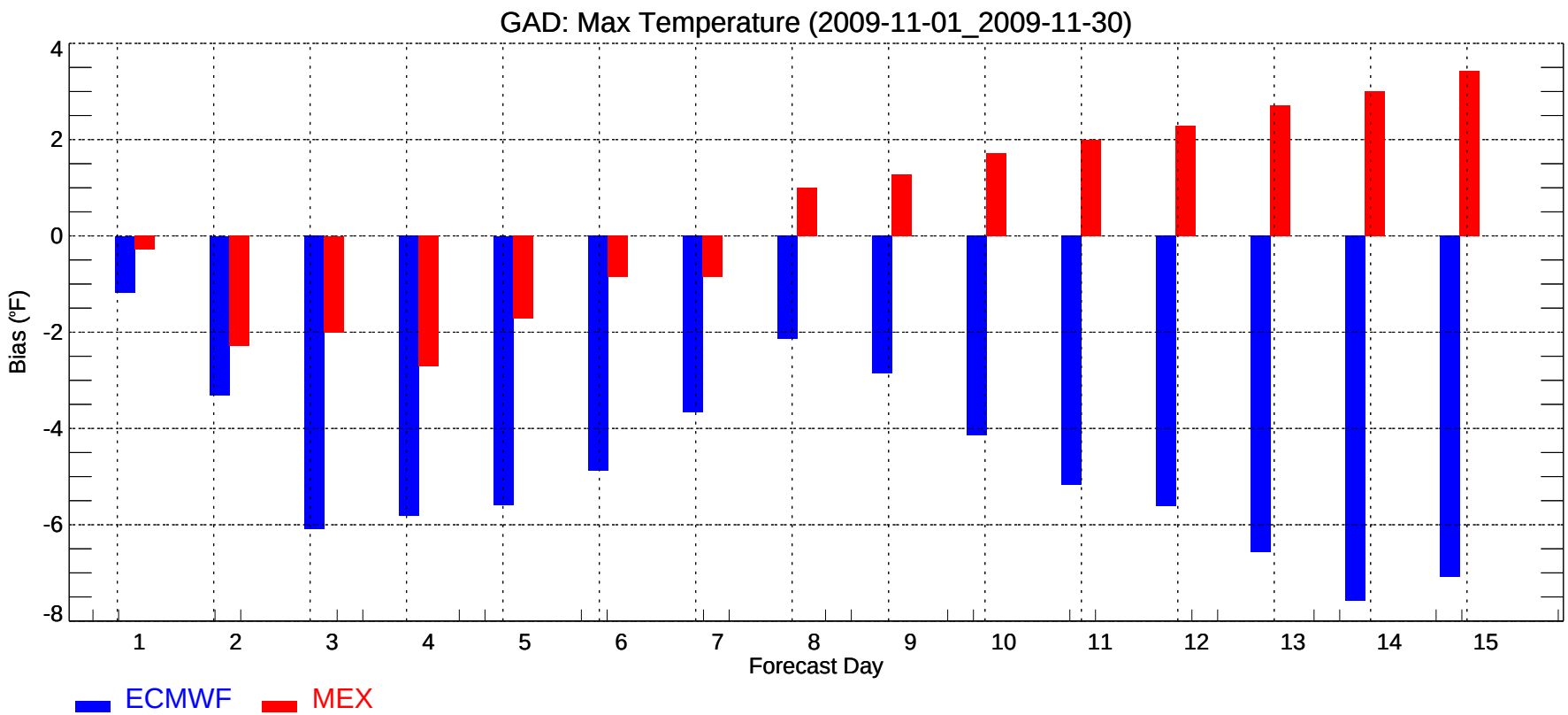
13
14
15
Forecast Day
ECMWF
MEX


GAD: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
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14
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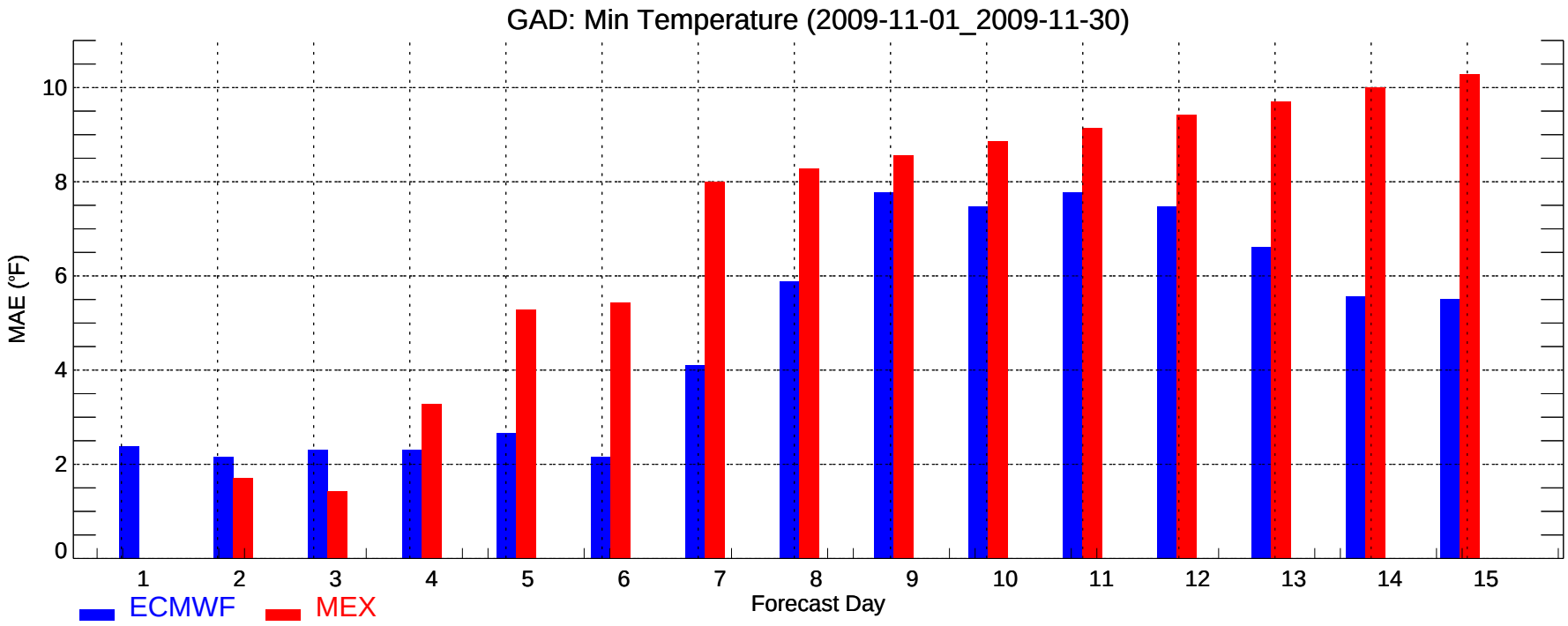
Forecast Day
ECMWF
MEX


GAD: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
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1
2
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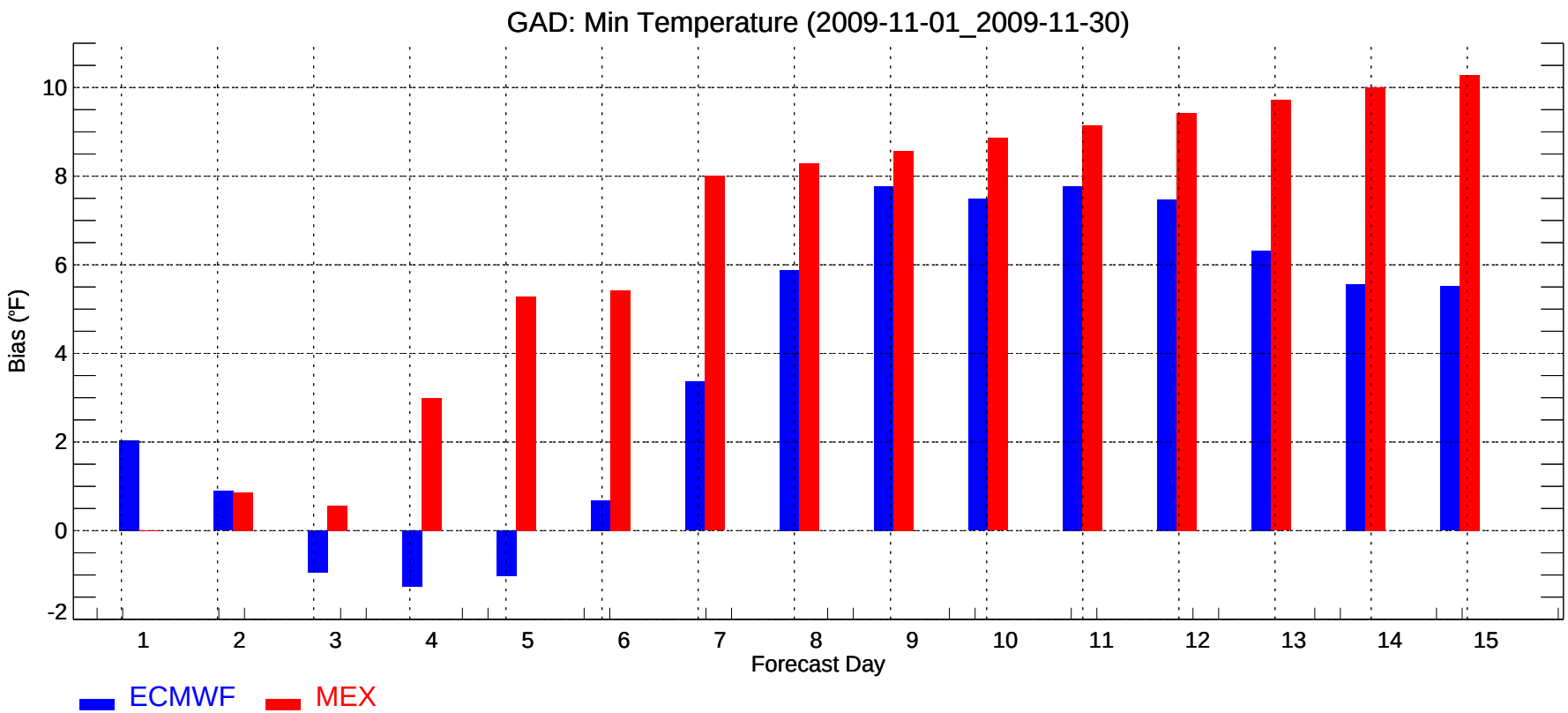
Forecast Day
ECMWF
MEX


GAD: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
0
2
4
6
8
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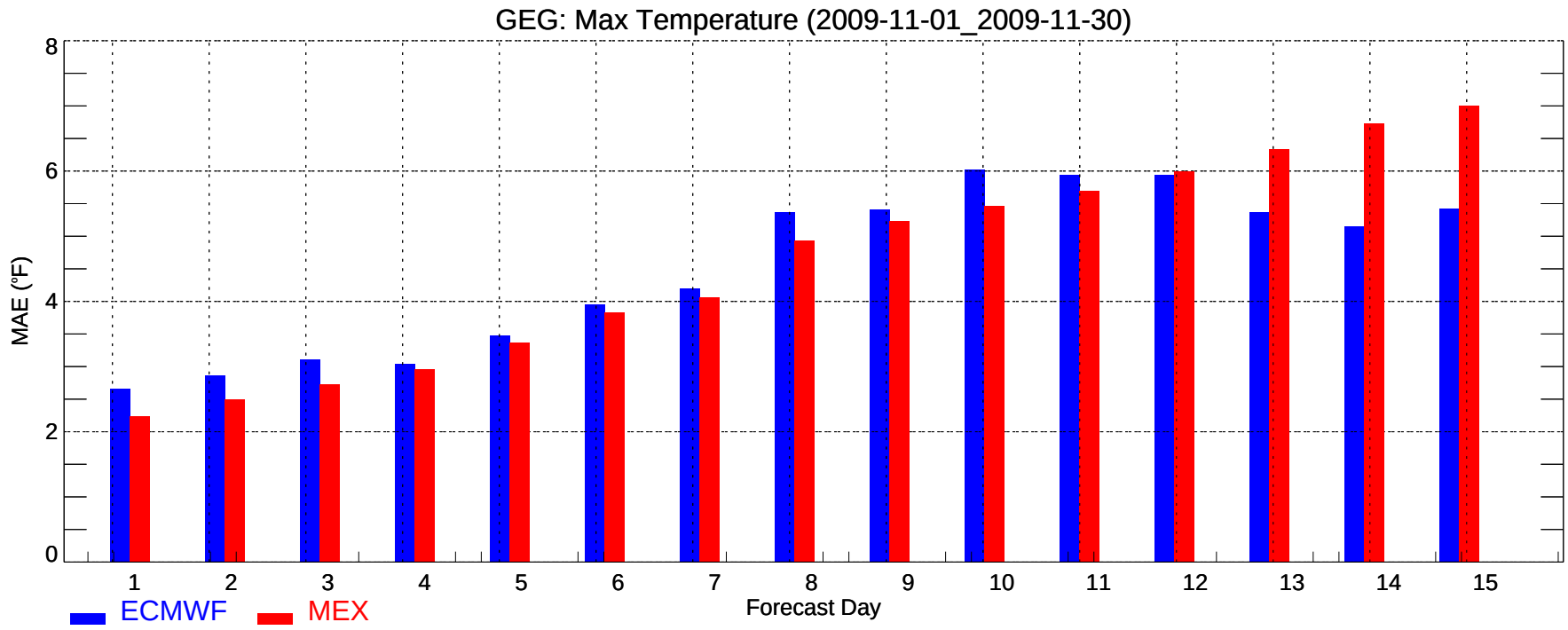
Forecast Day
ECMWF
MEX


GEG: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
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6
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2
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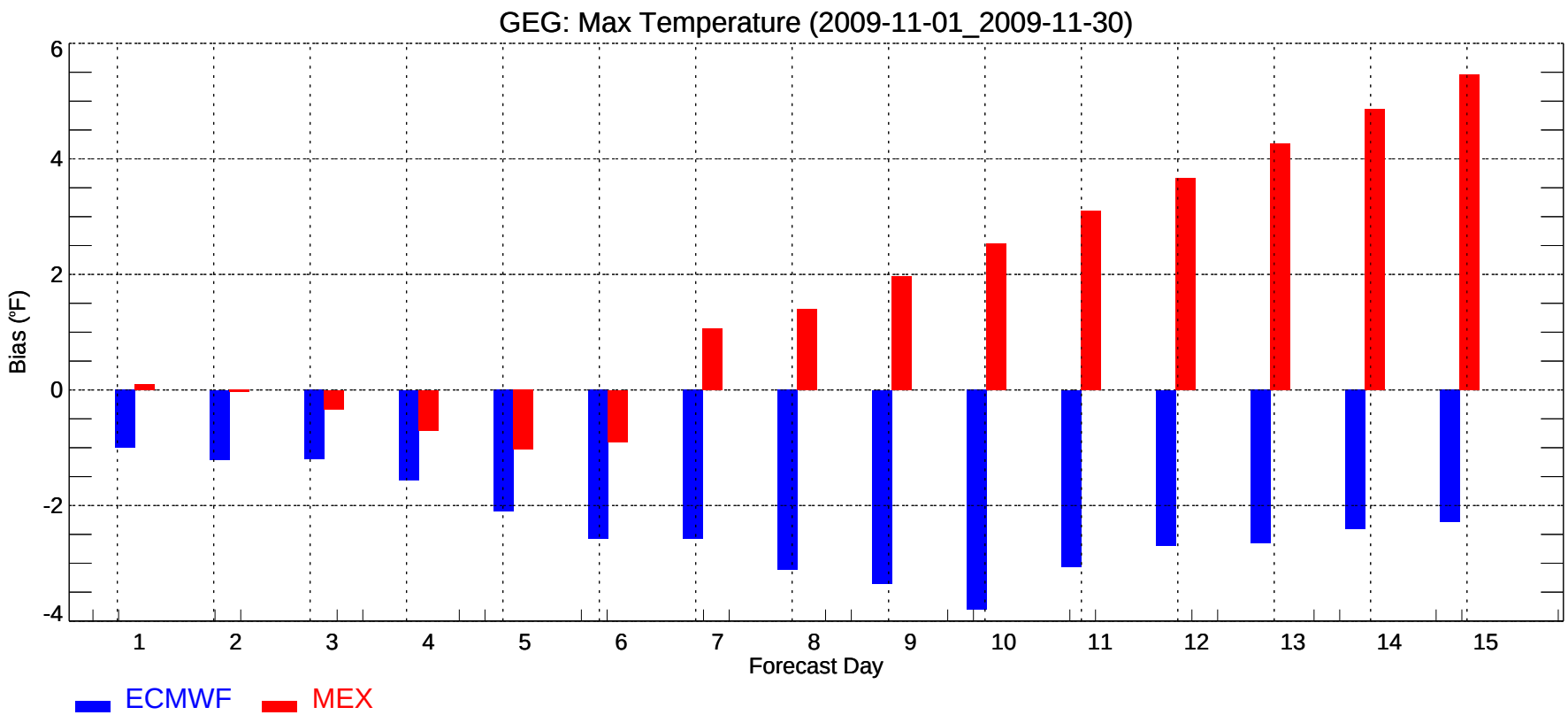
Forecast Day
ECMWF
MEX


GEG: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-4
-2
0
2
4
6
1
2
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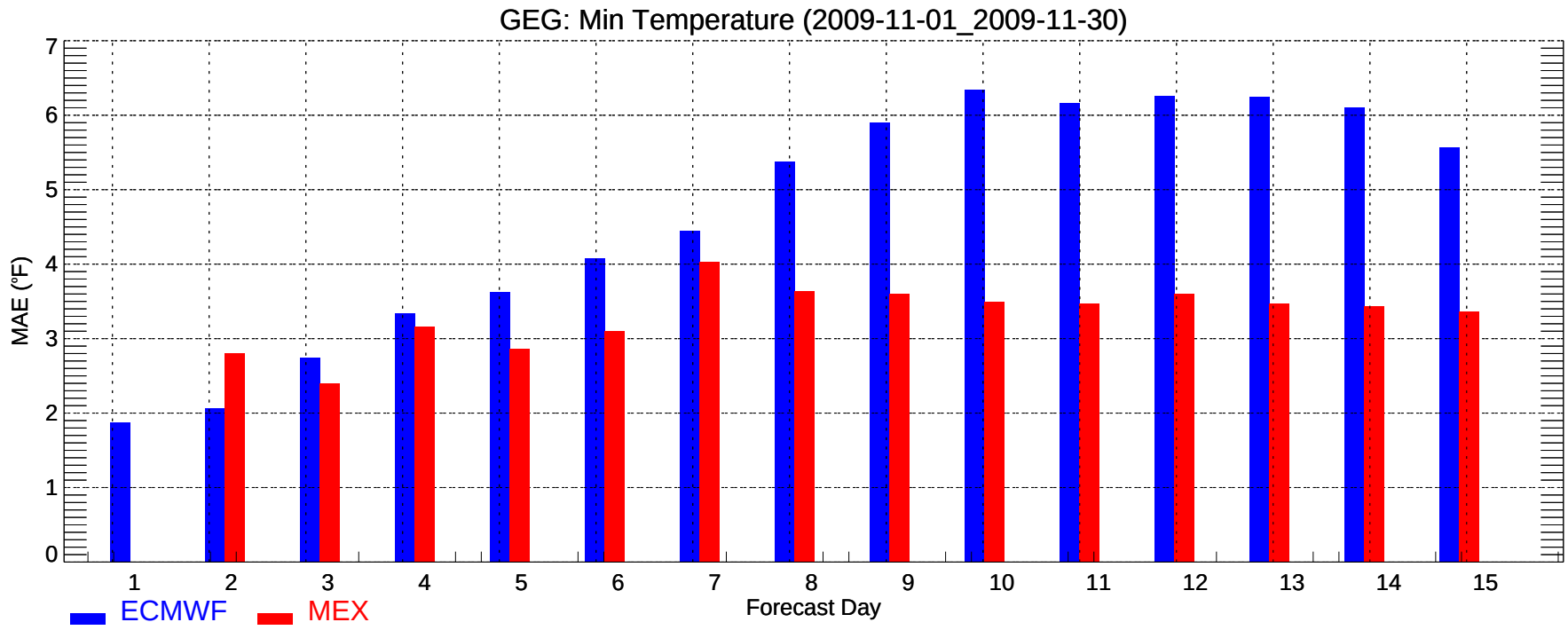
Forecast Day
ECMWF
MEX


GEG: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
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4
5
6
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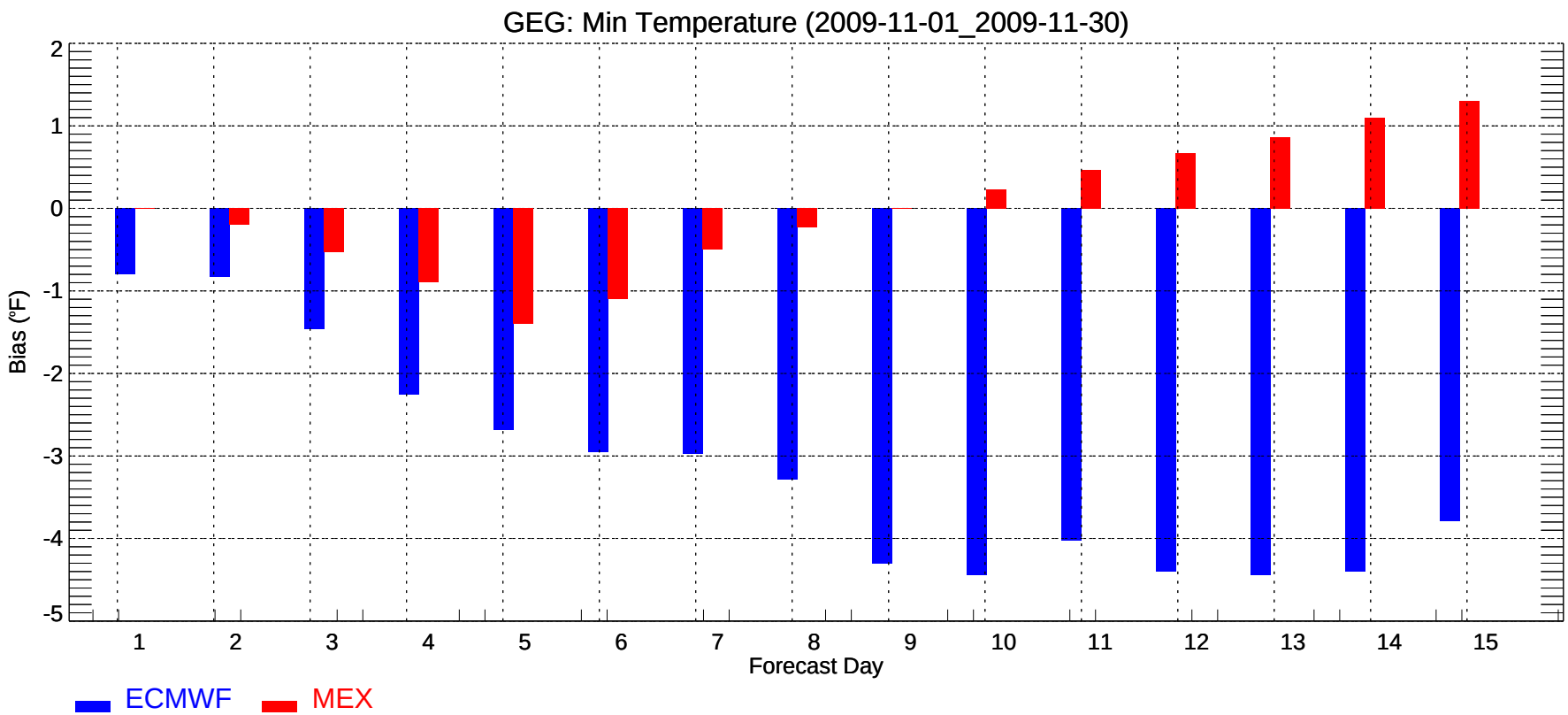
Forecast Day
ECMWF
MEX


GEG: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
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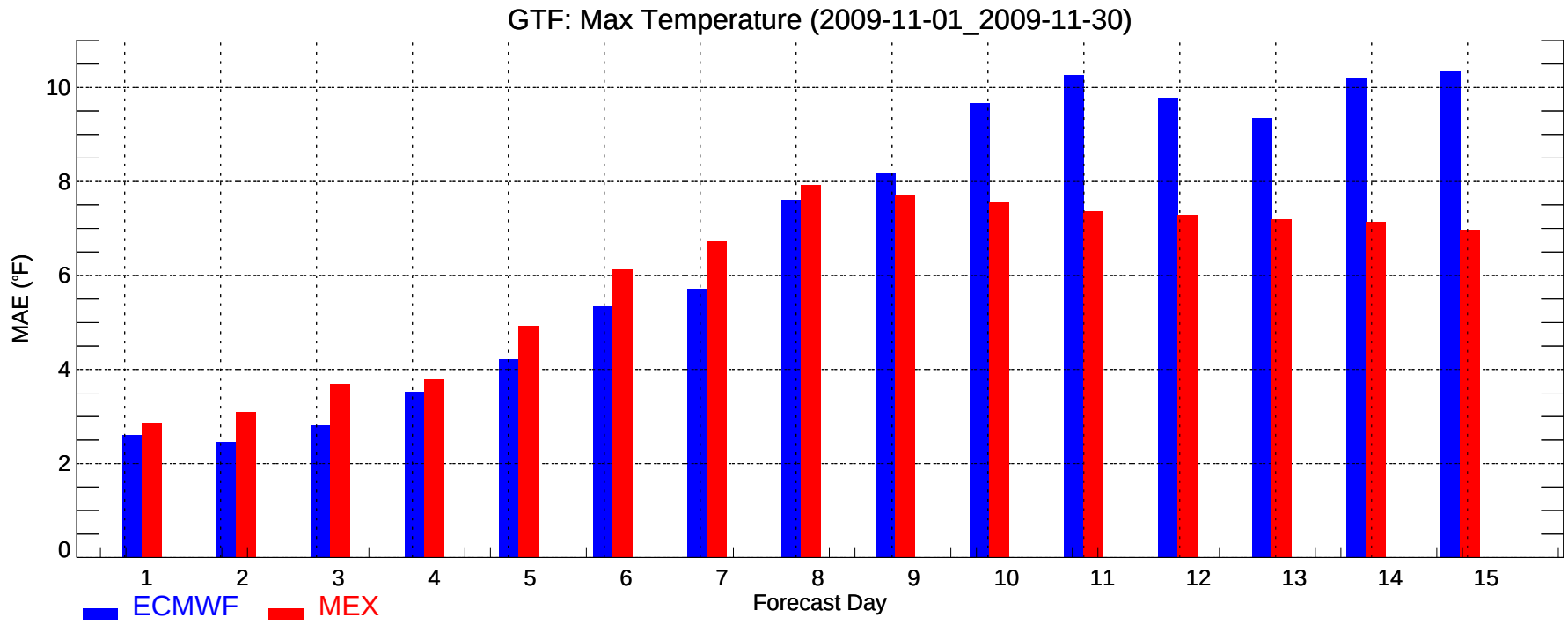
Forecast Day
ECMWF
MEX


GTF: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
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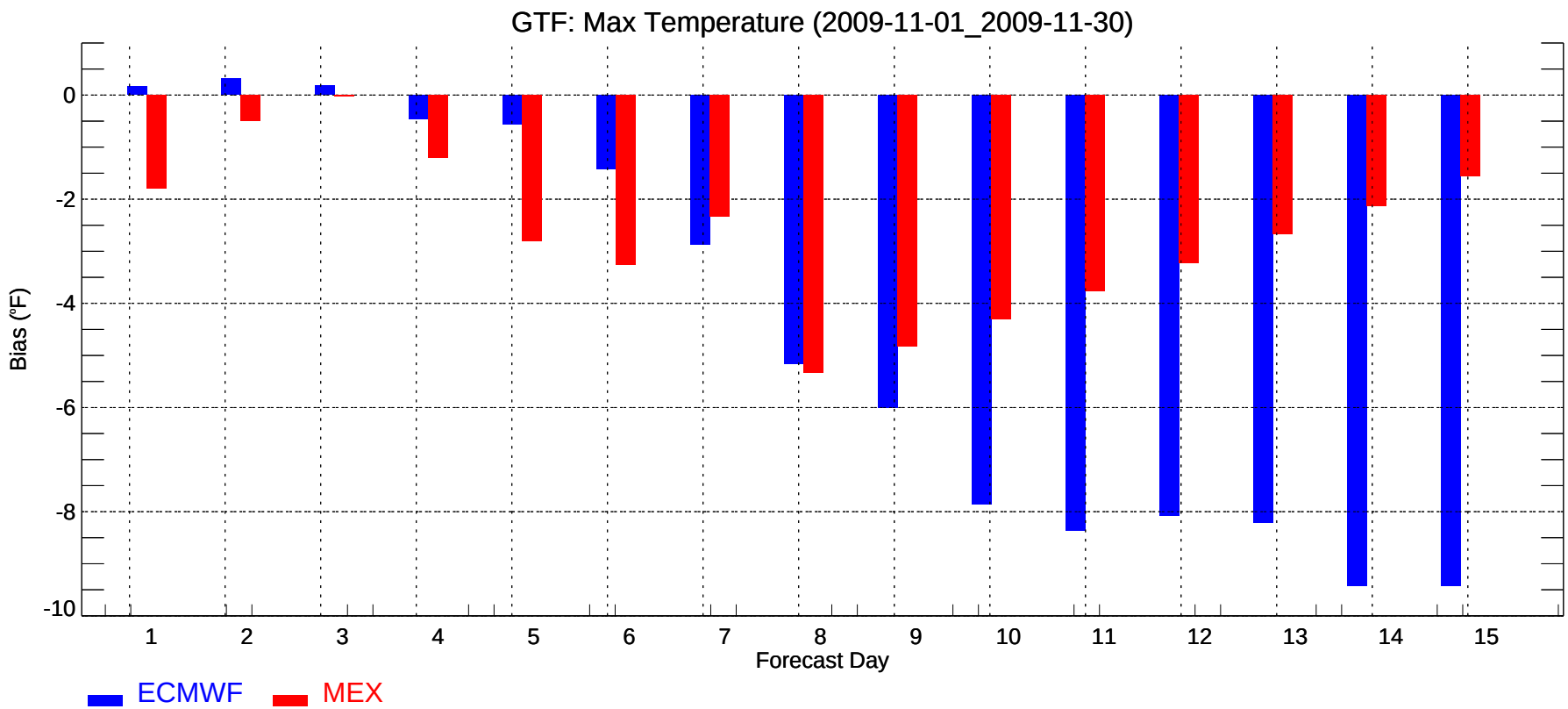
Forecast Day
ECMWF
MEX


GTF: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
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-8
-10
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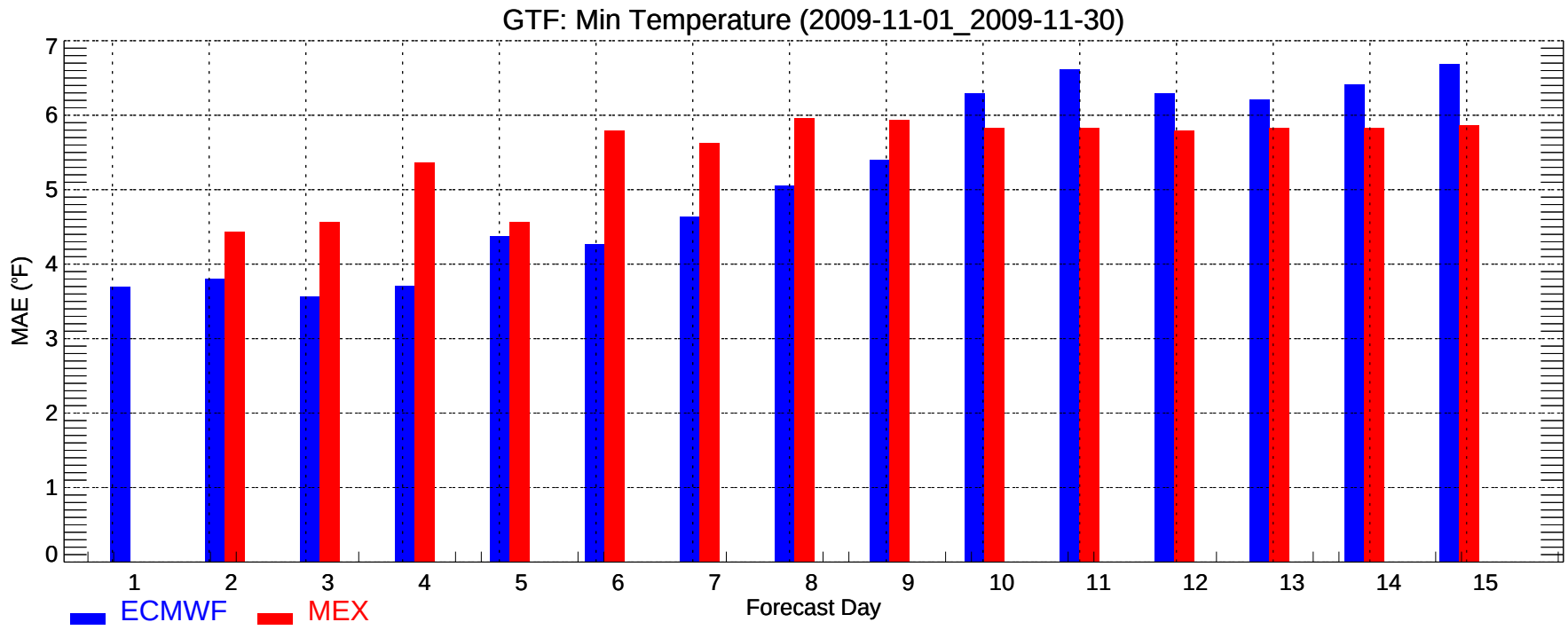
Forecast Day
ECMWF
MEX


GTF: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
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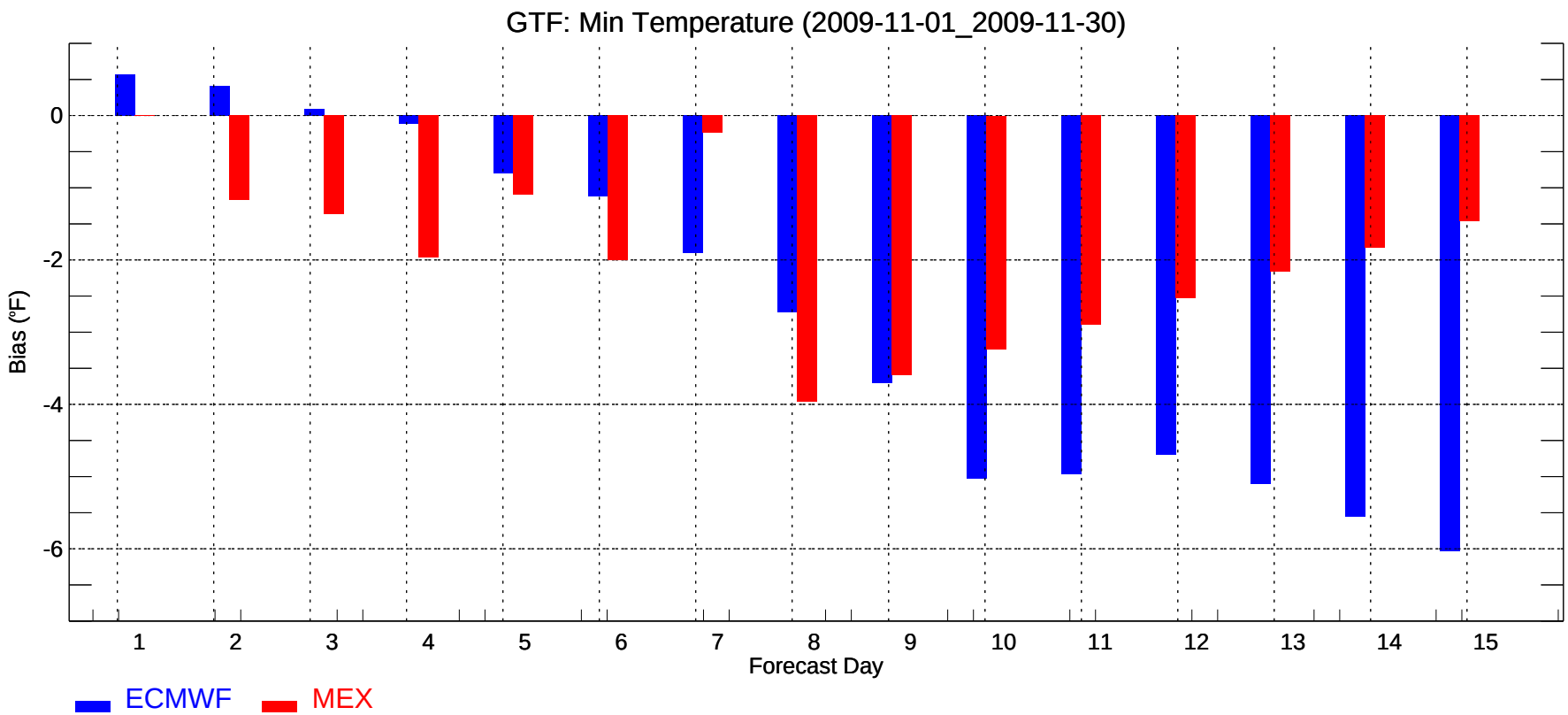
Forecast Day
ECMWF
MEX


GTF: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
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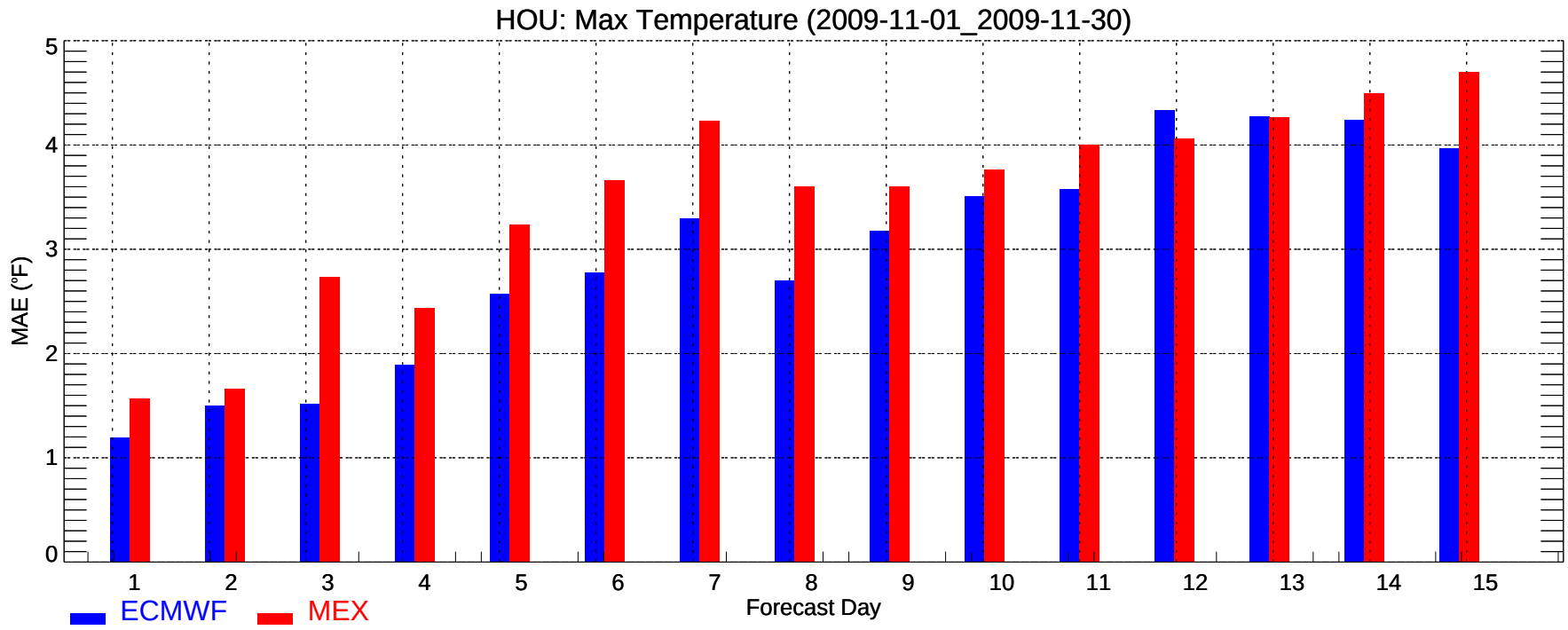
Forecast Day
ECMWF
MEX


HOU: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
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1
2
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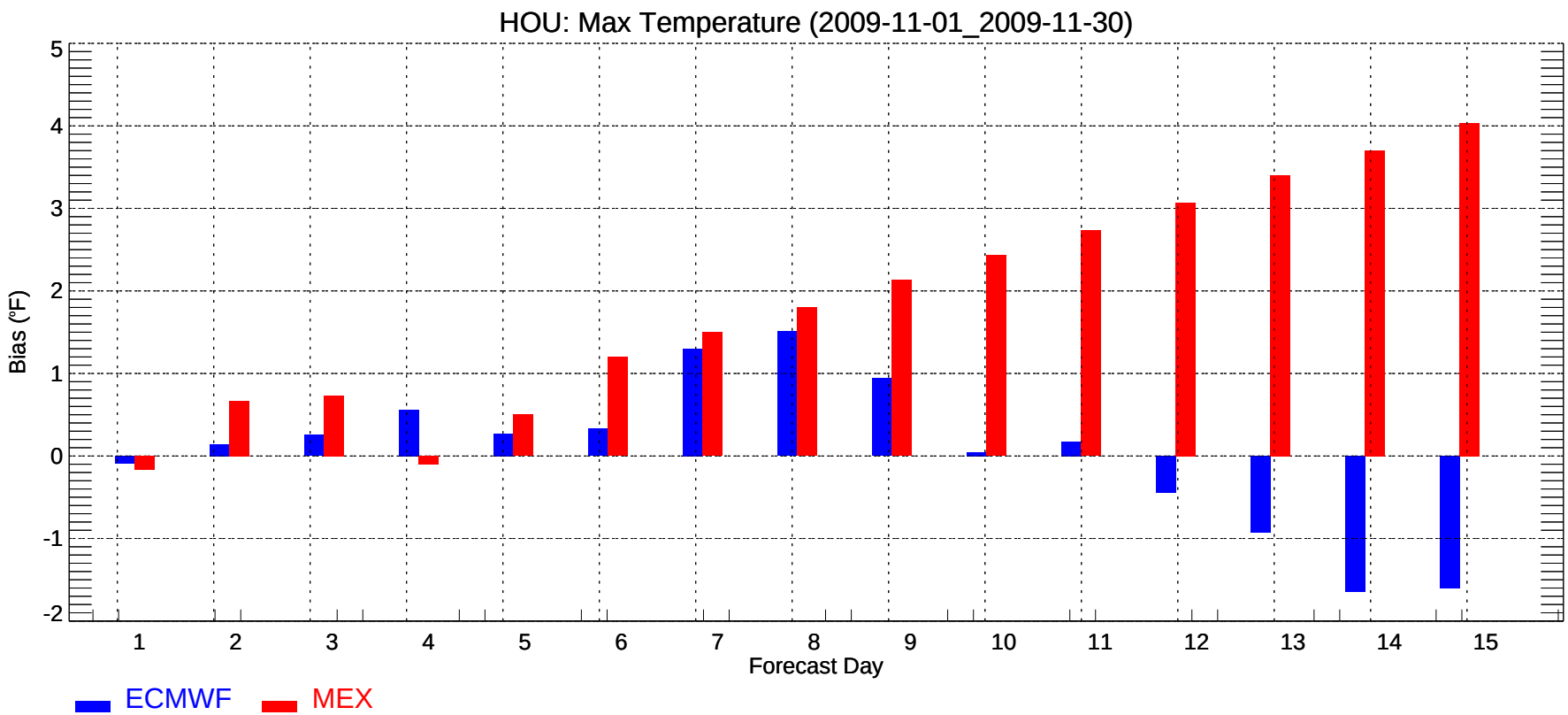
14
15
Forecast Day
ECMWF
MEX


HOU: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
5
4
3
2
1
0
-1
-2
1
2
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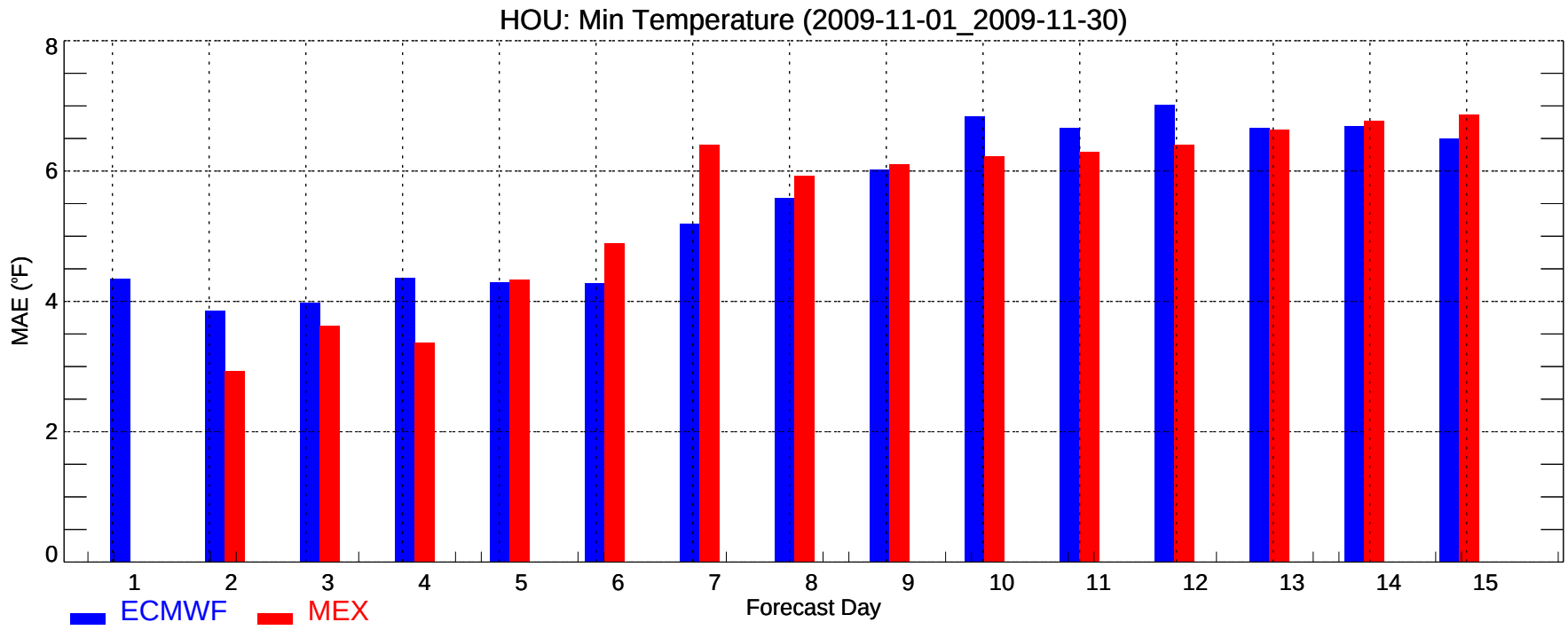
Forecast Day
ECMWF
MEX


HOU: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
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1
2
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6
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8
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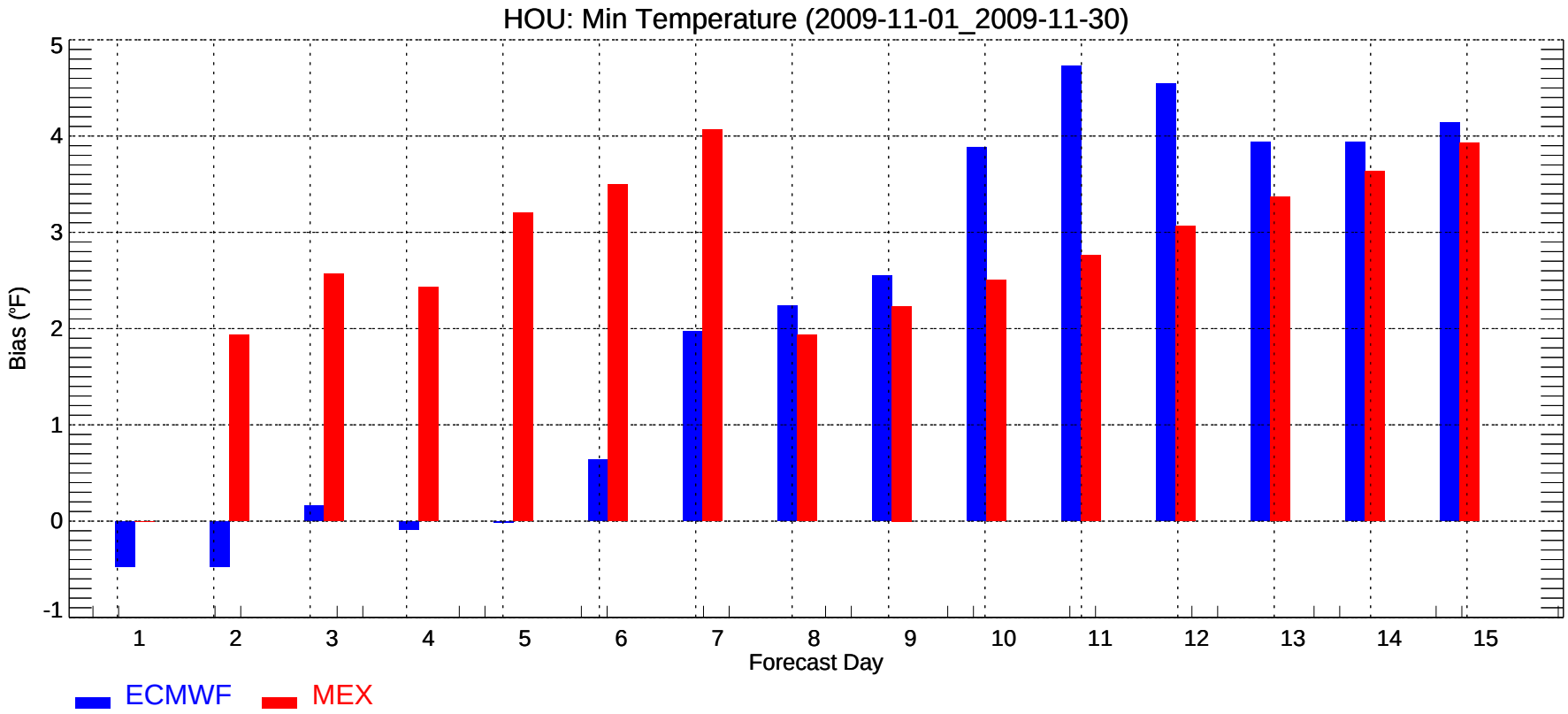
Forecast Day
ECMWF
MEX


HOU: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
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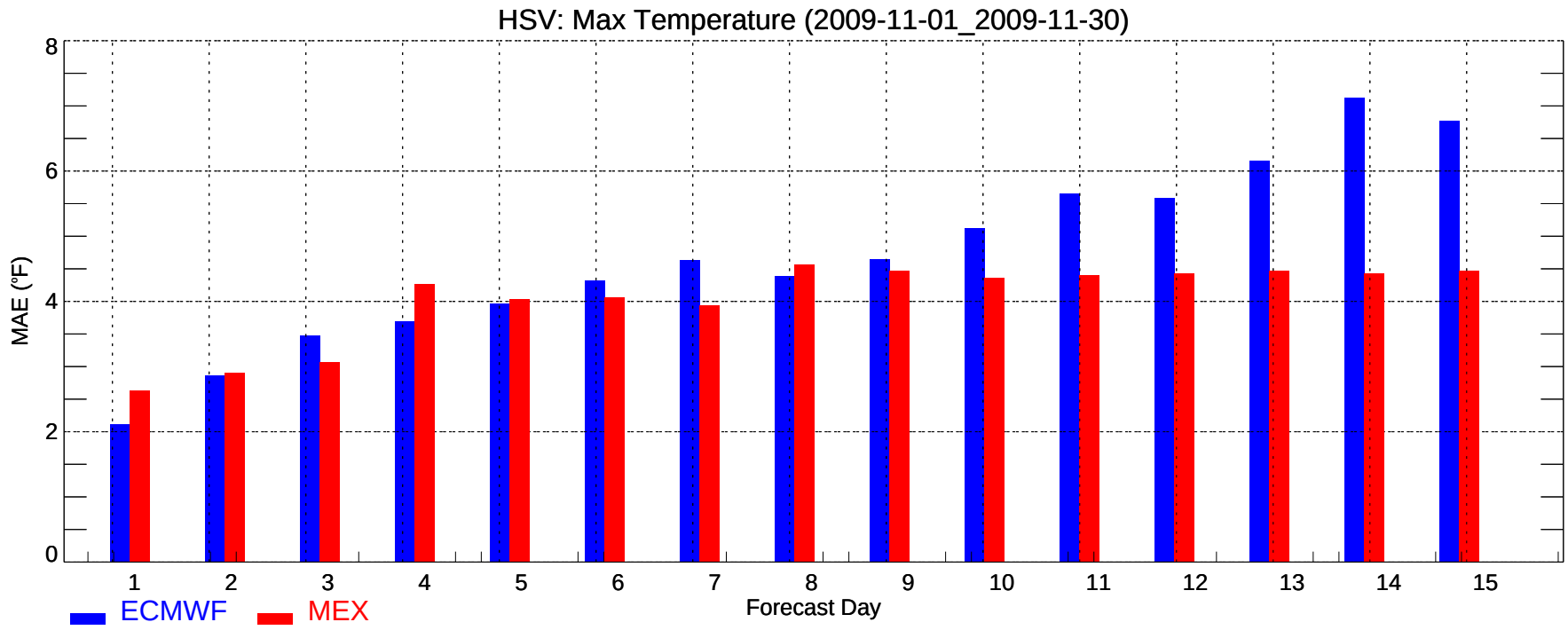
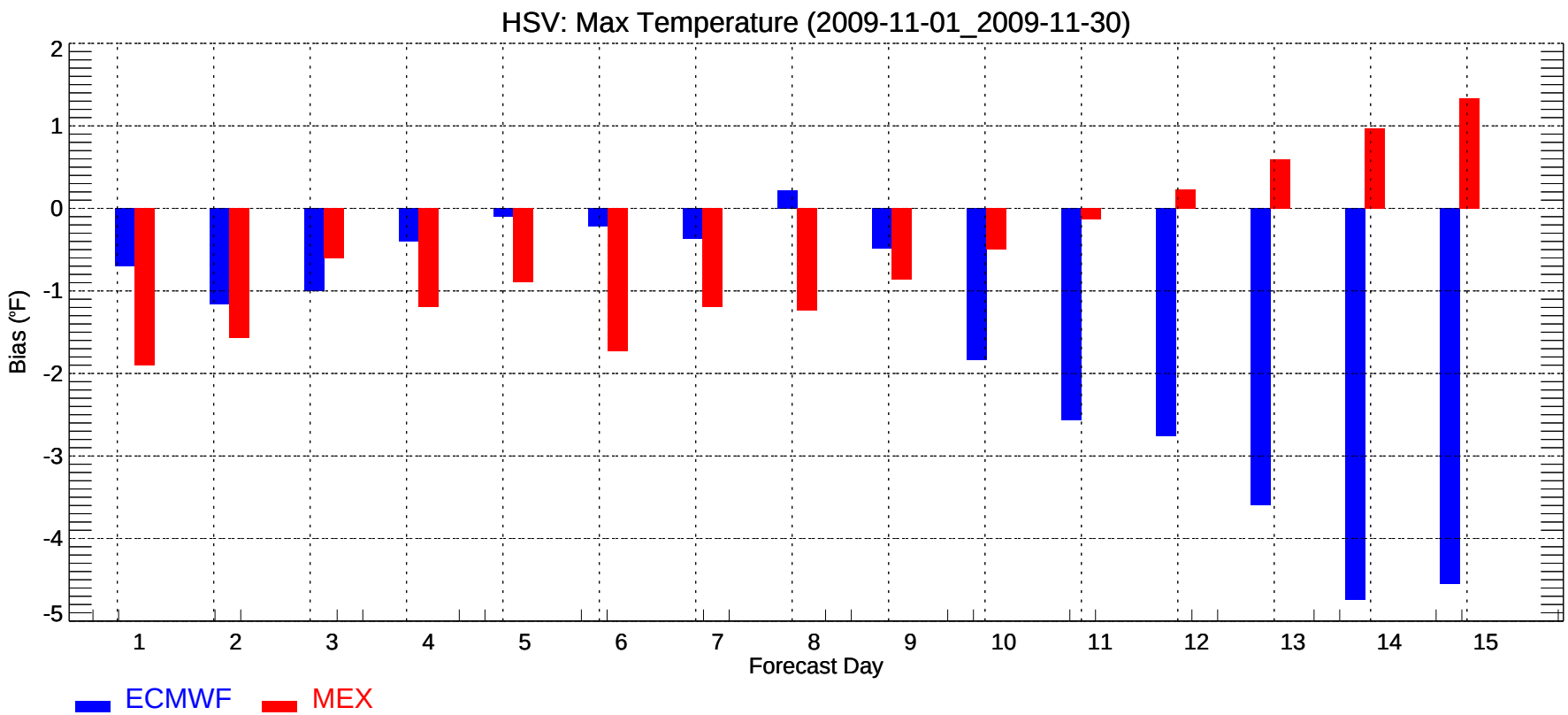
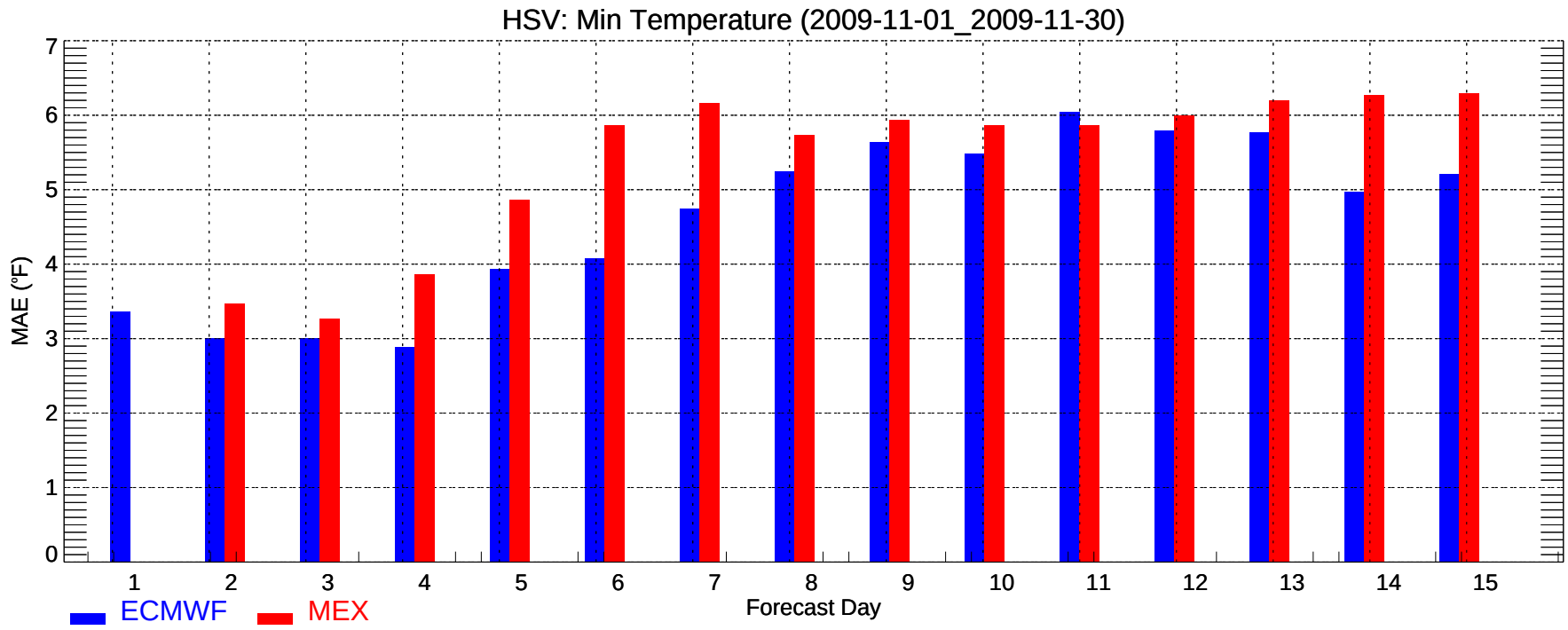
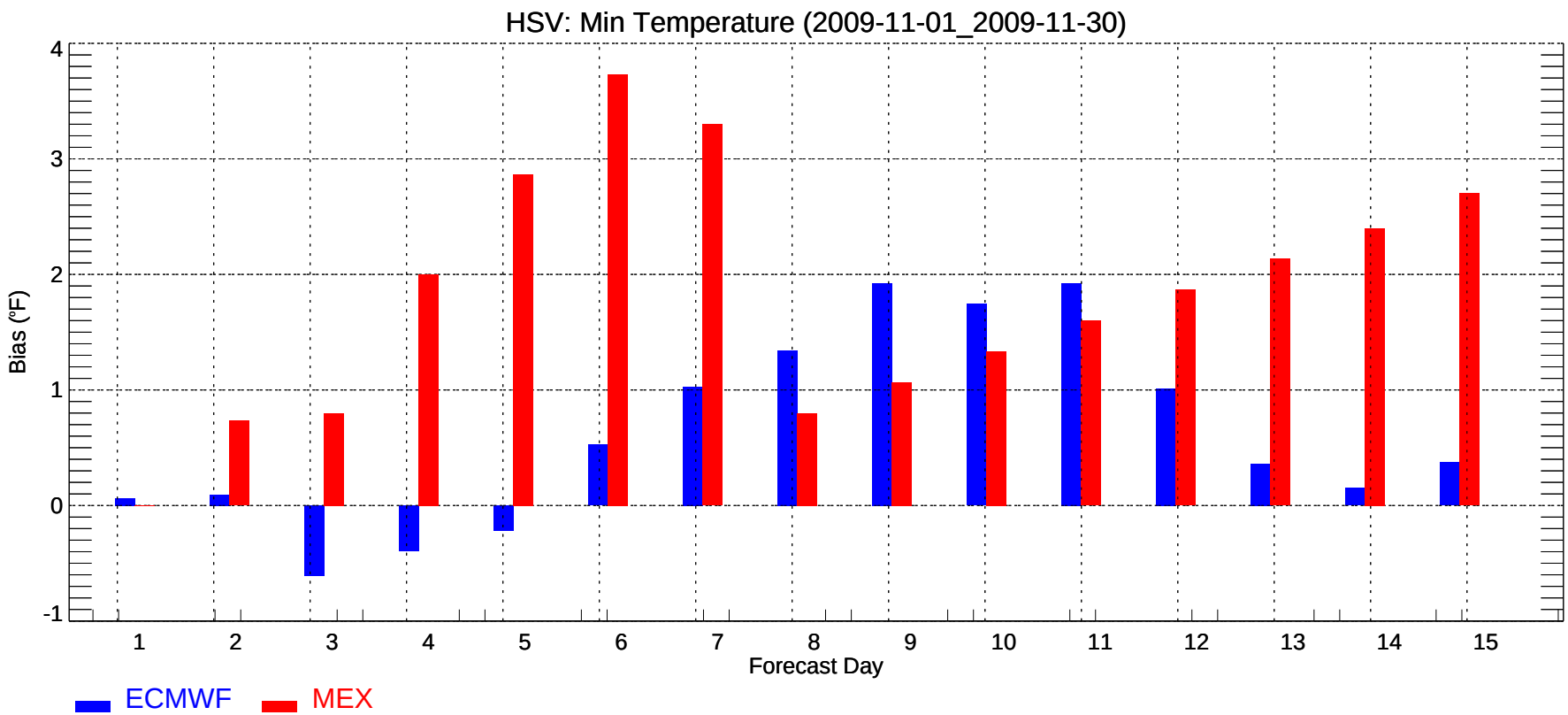
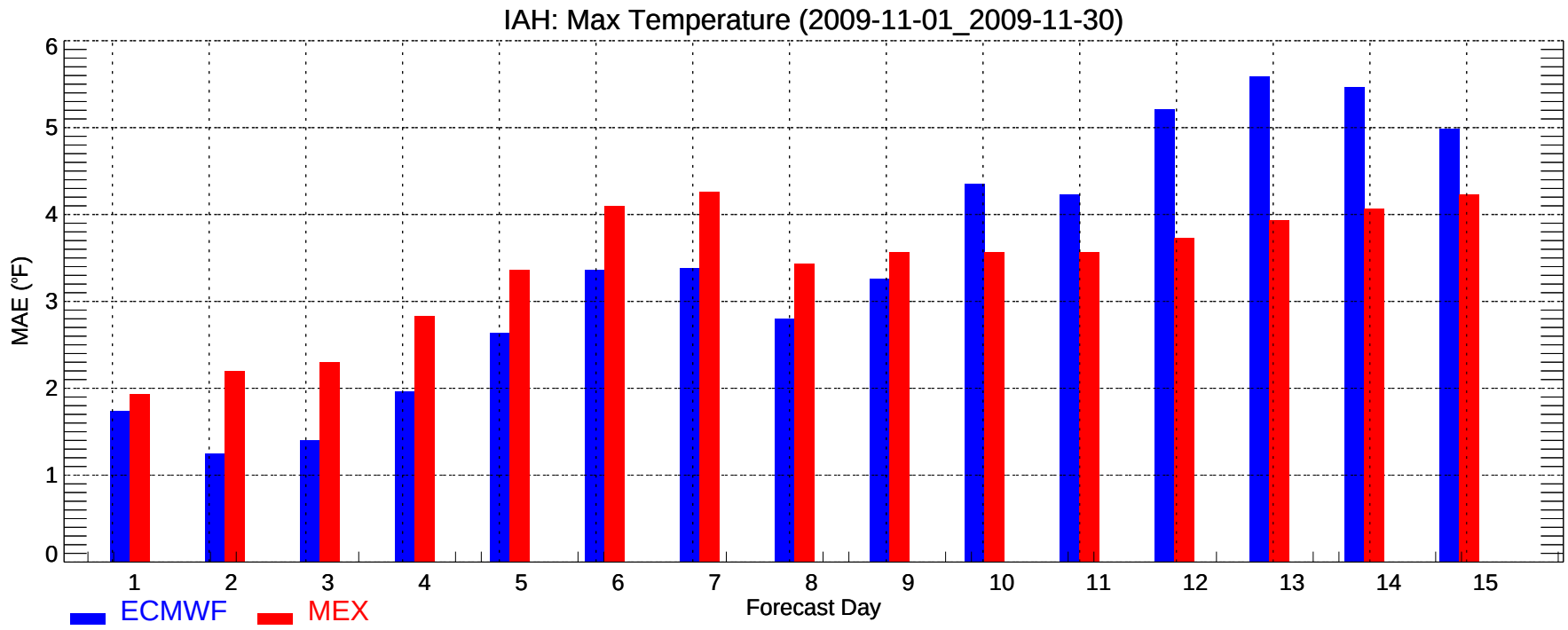
Forecast Day
ECMWF
MEX

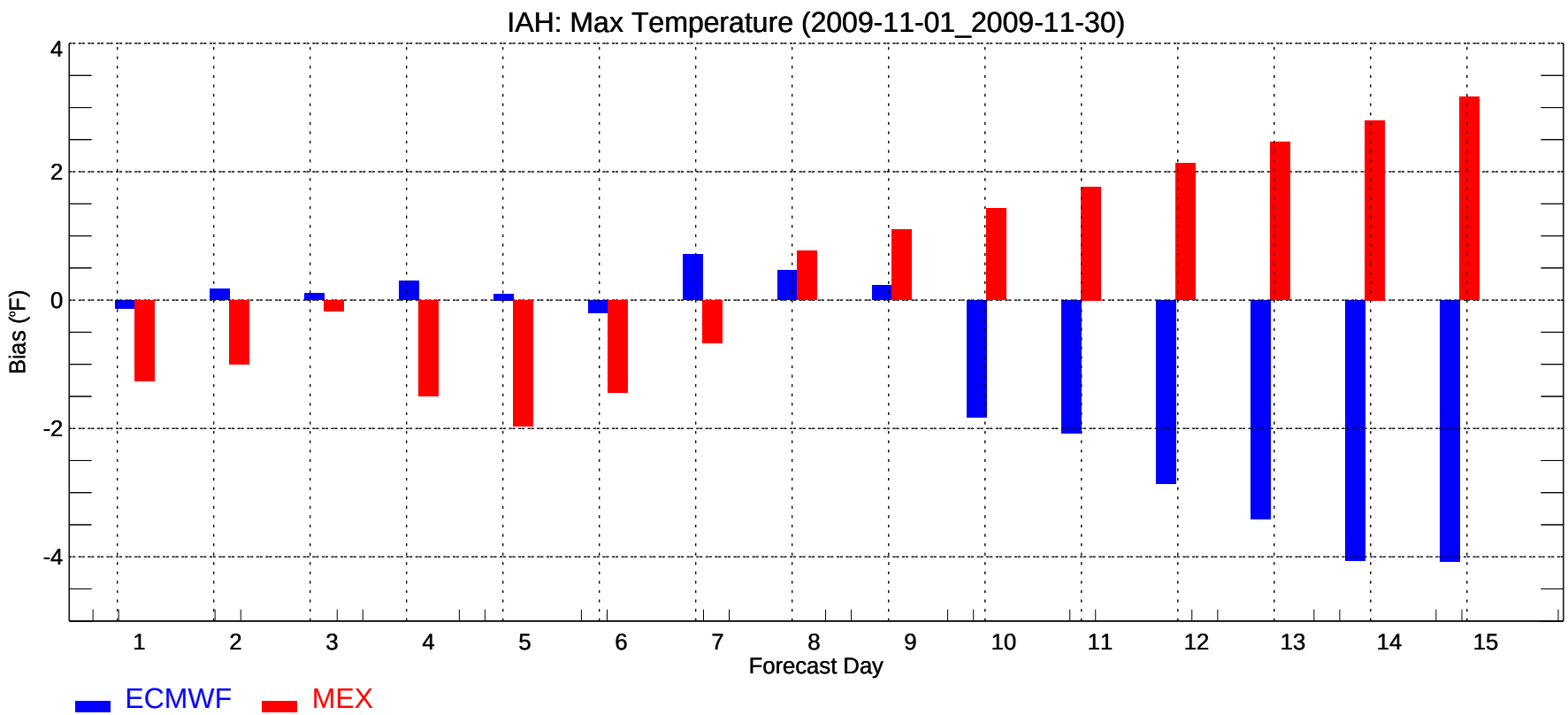

HSV: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

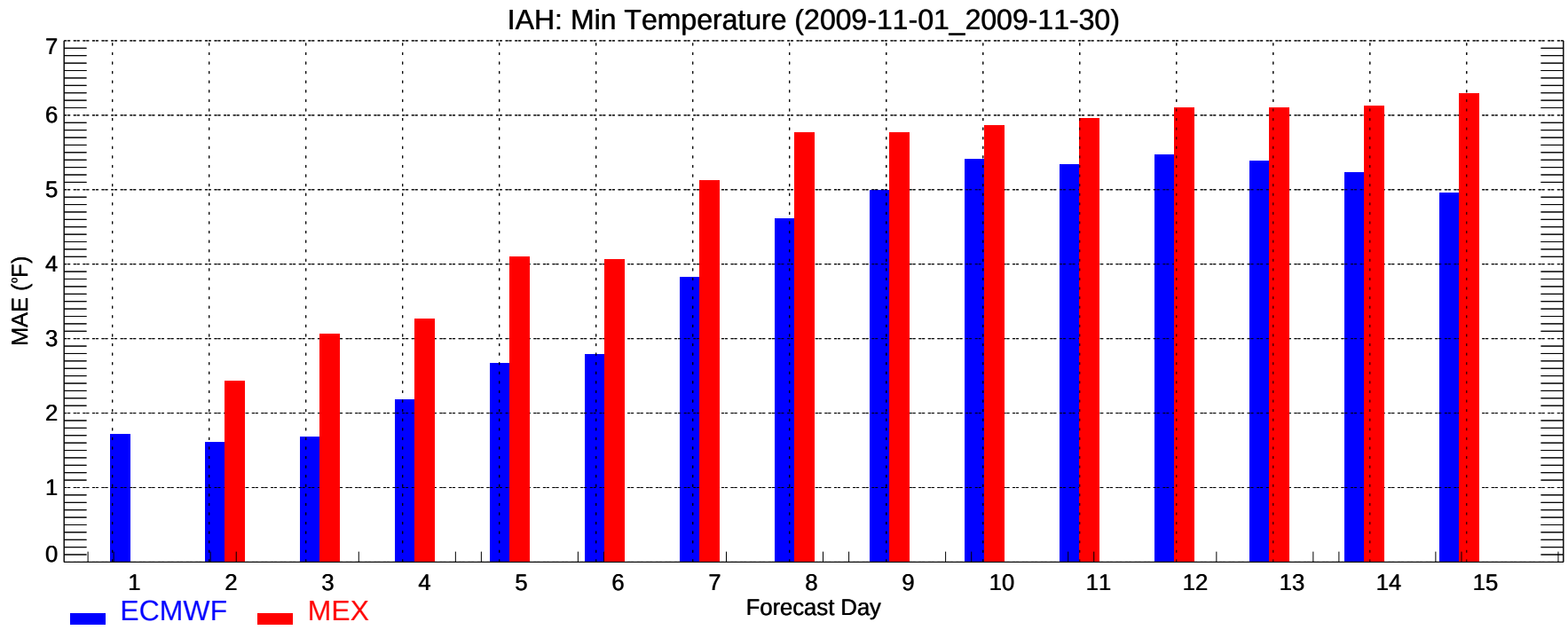

HSV: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

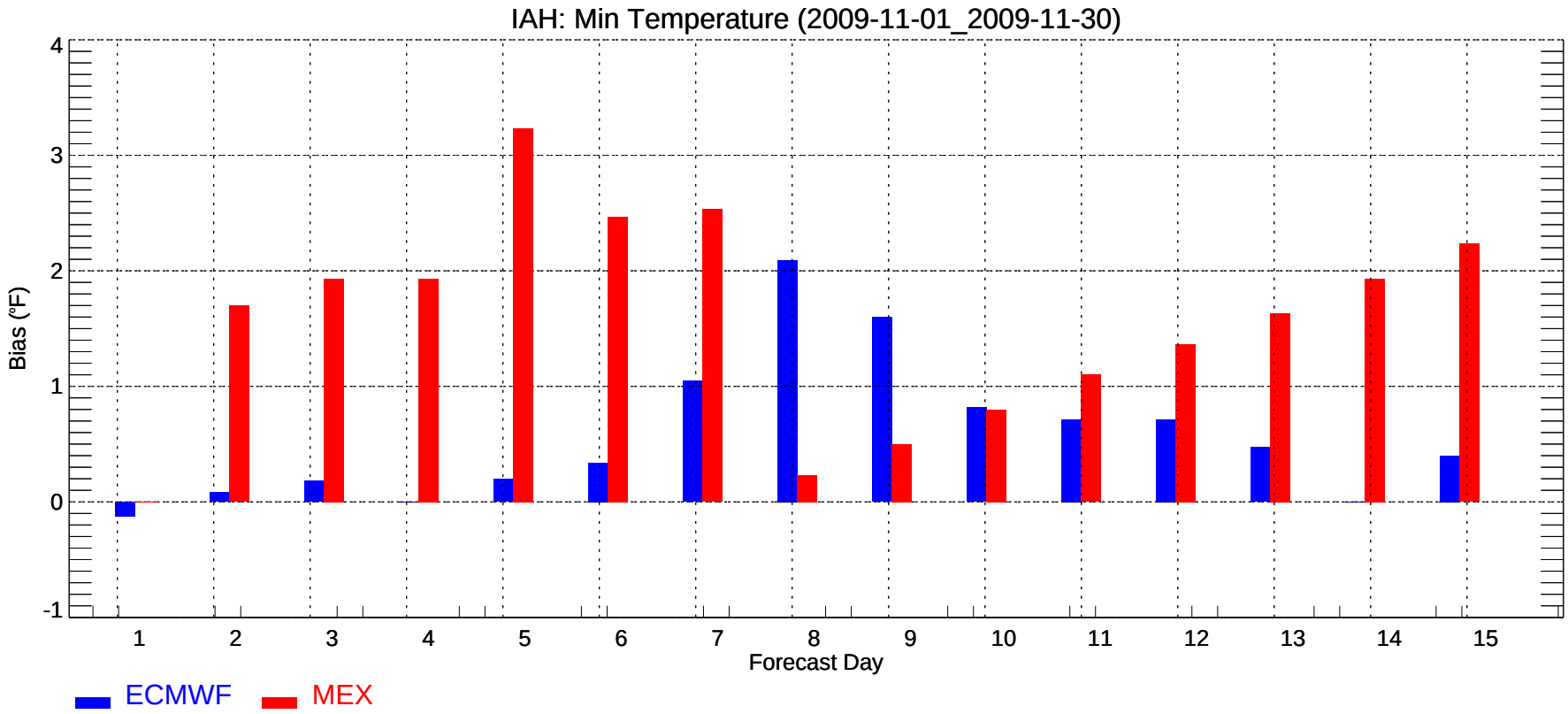

HSV: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

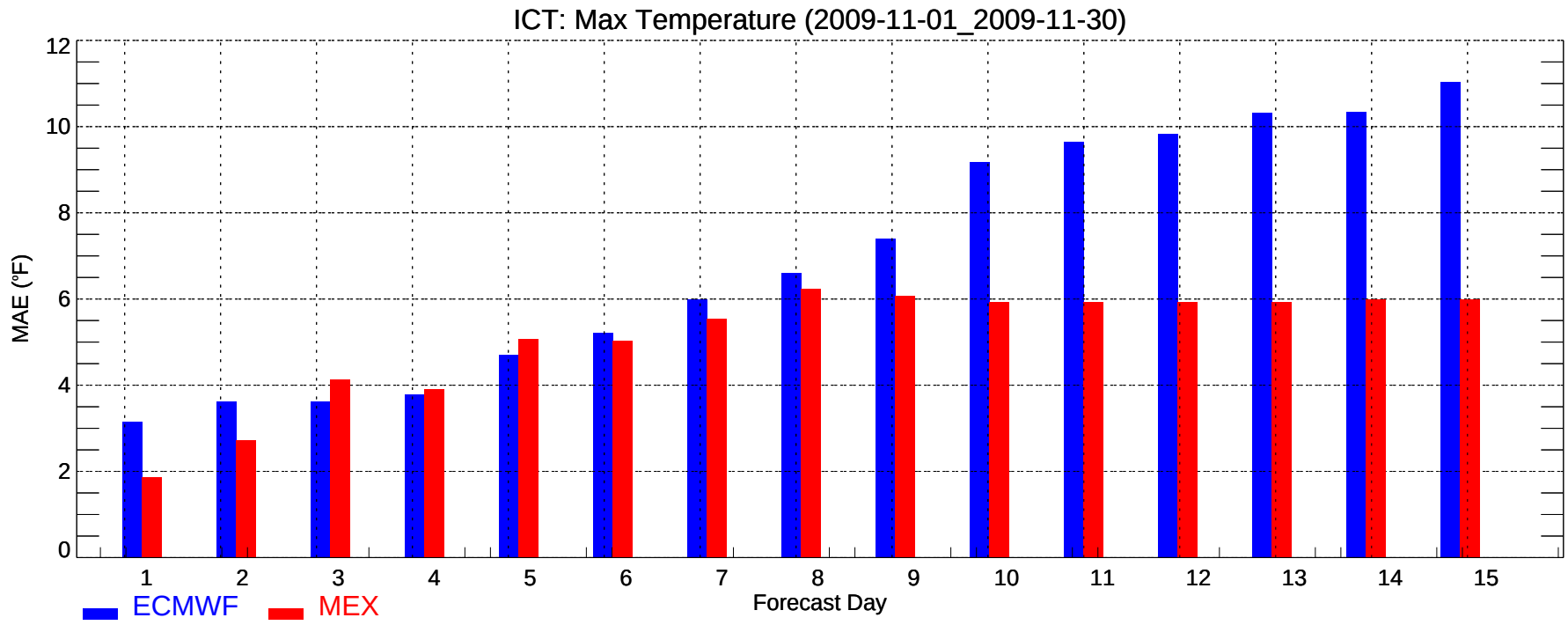

HSV: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

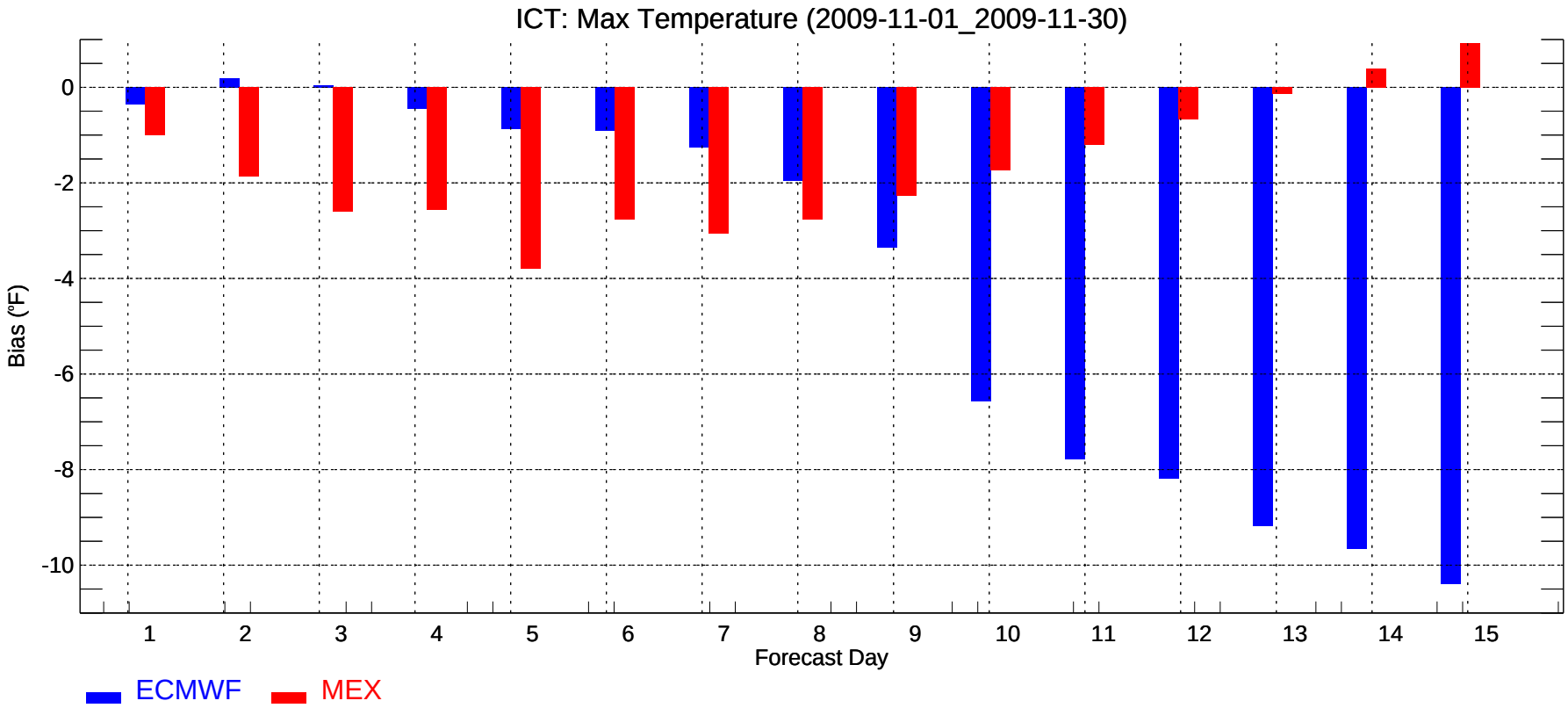

IAH: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

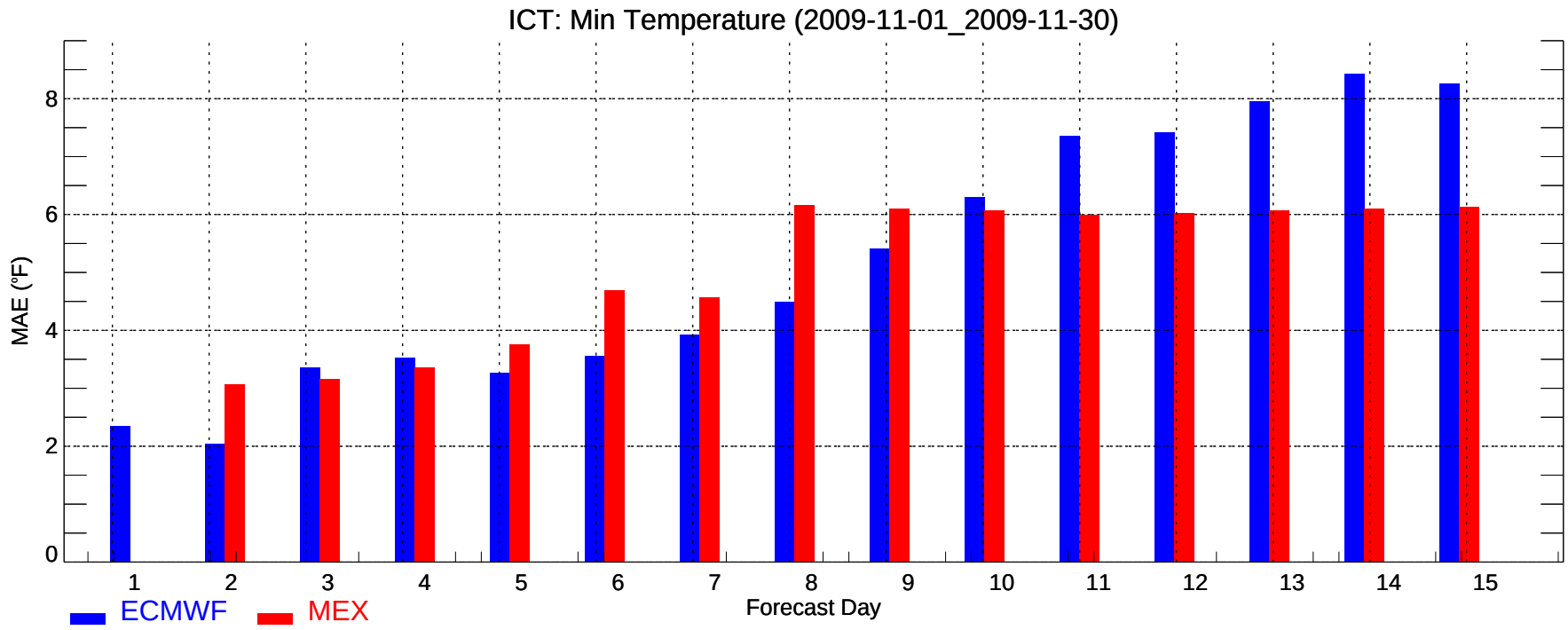

IAH: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

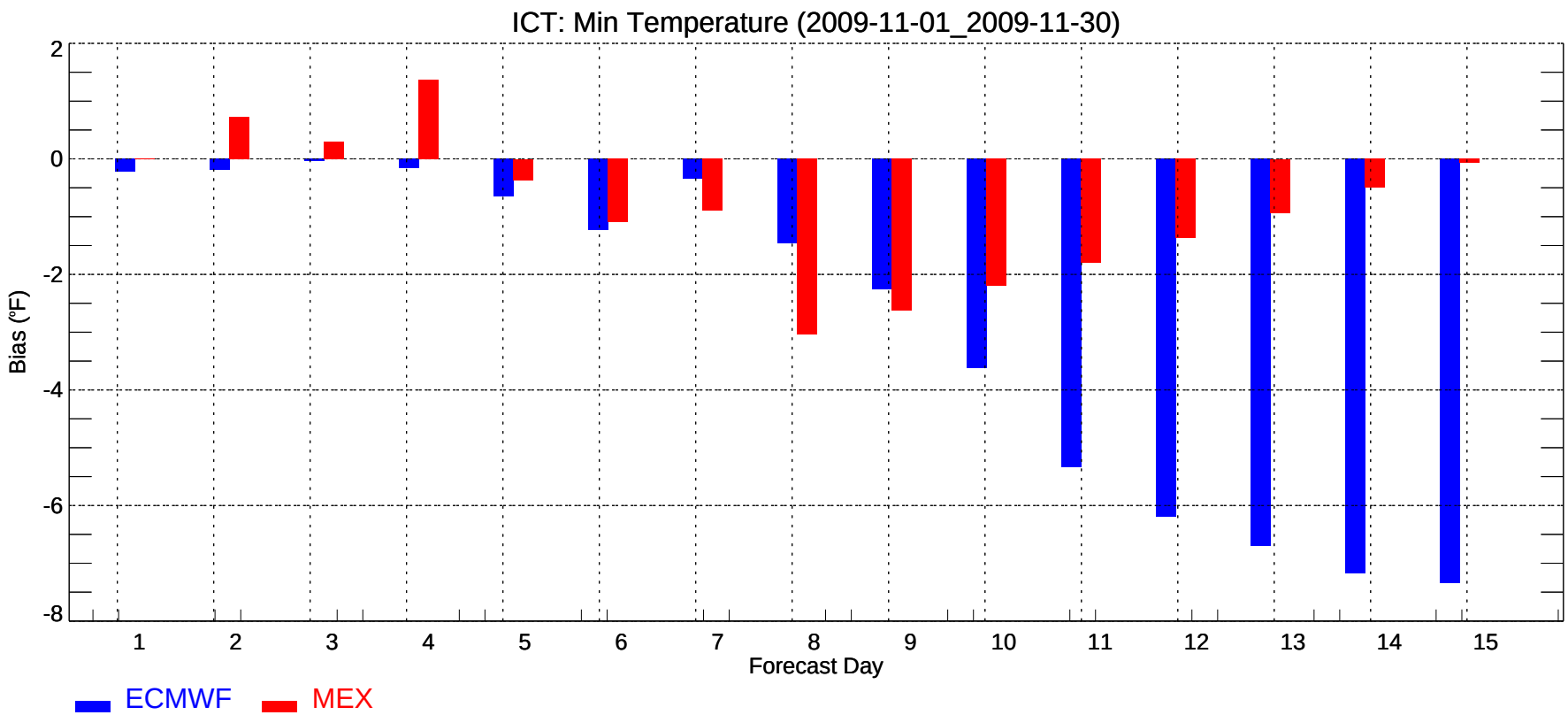

IAH: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

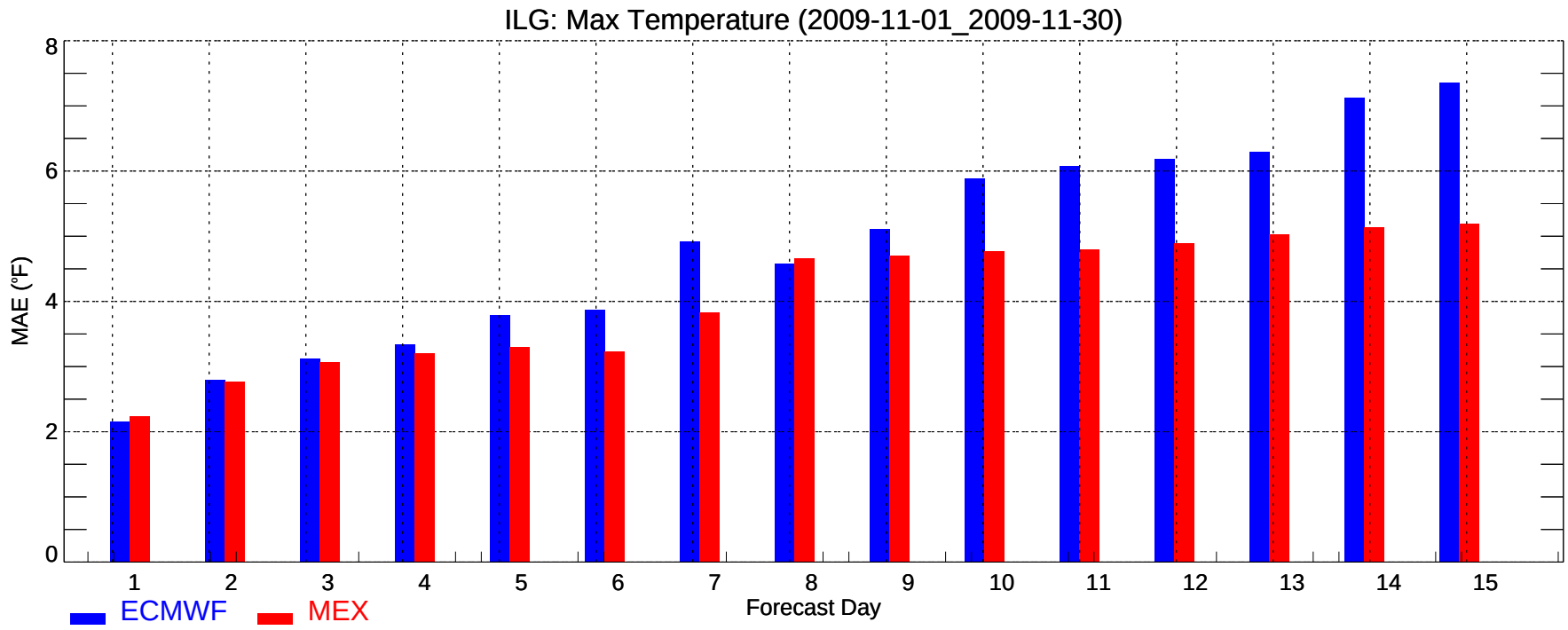

IAH: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

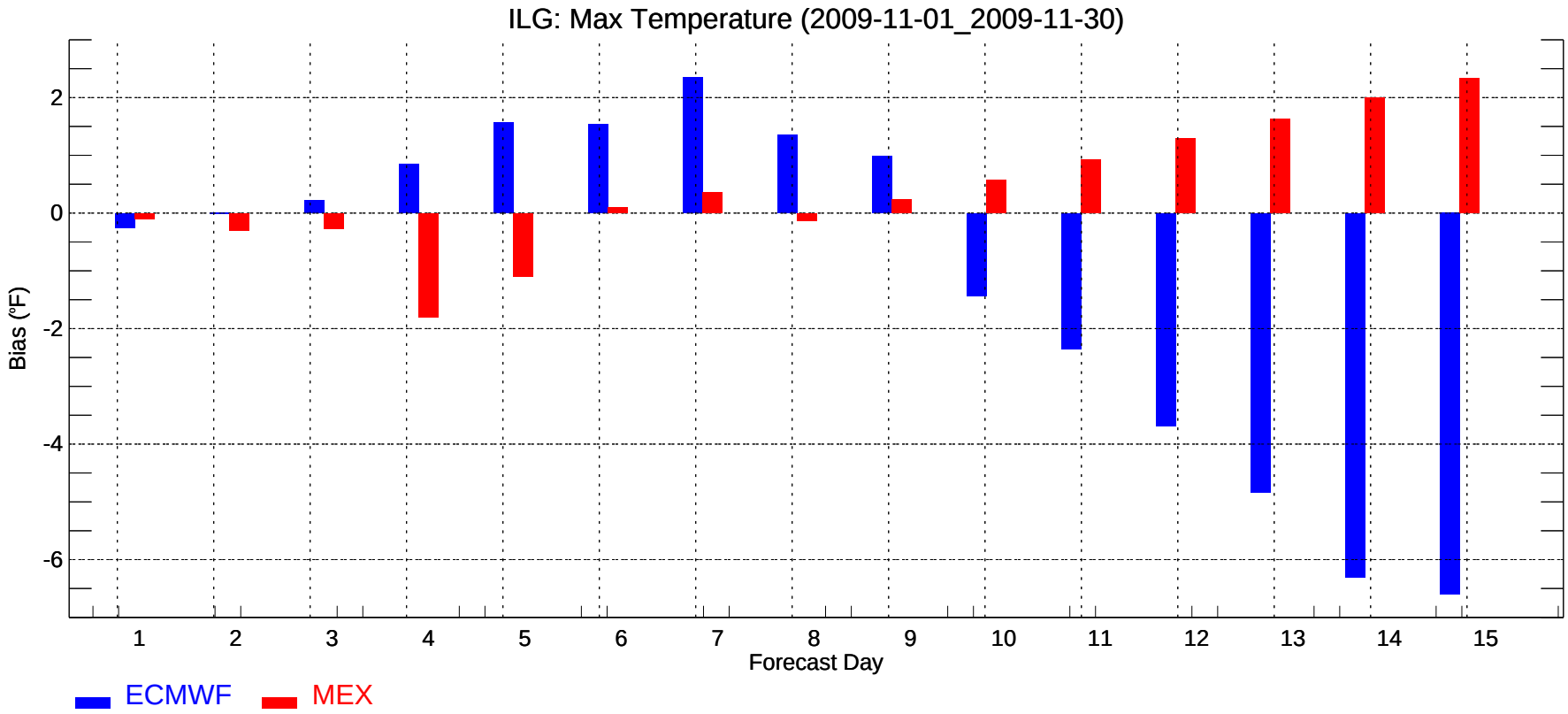

ICT: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

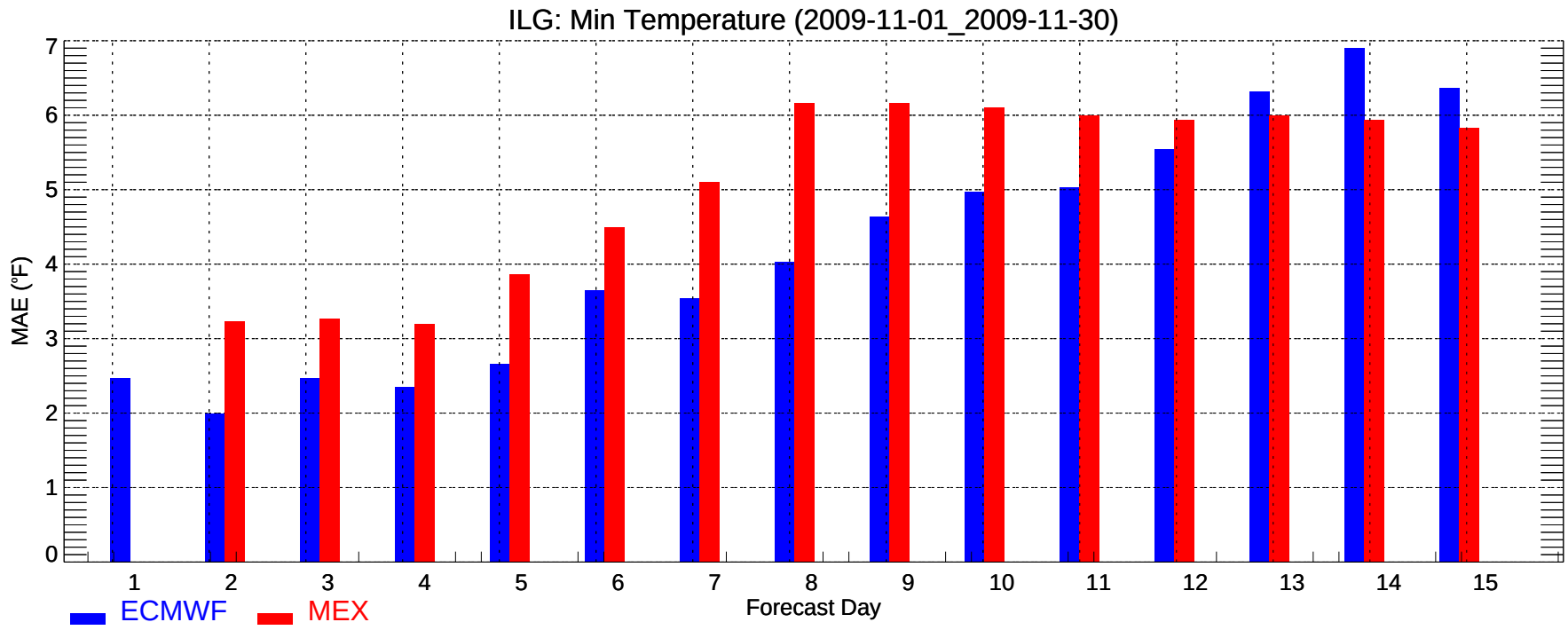

ICT: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

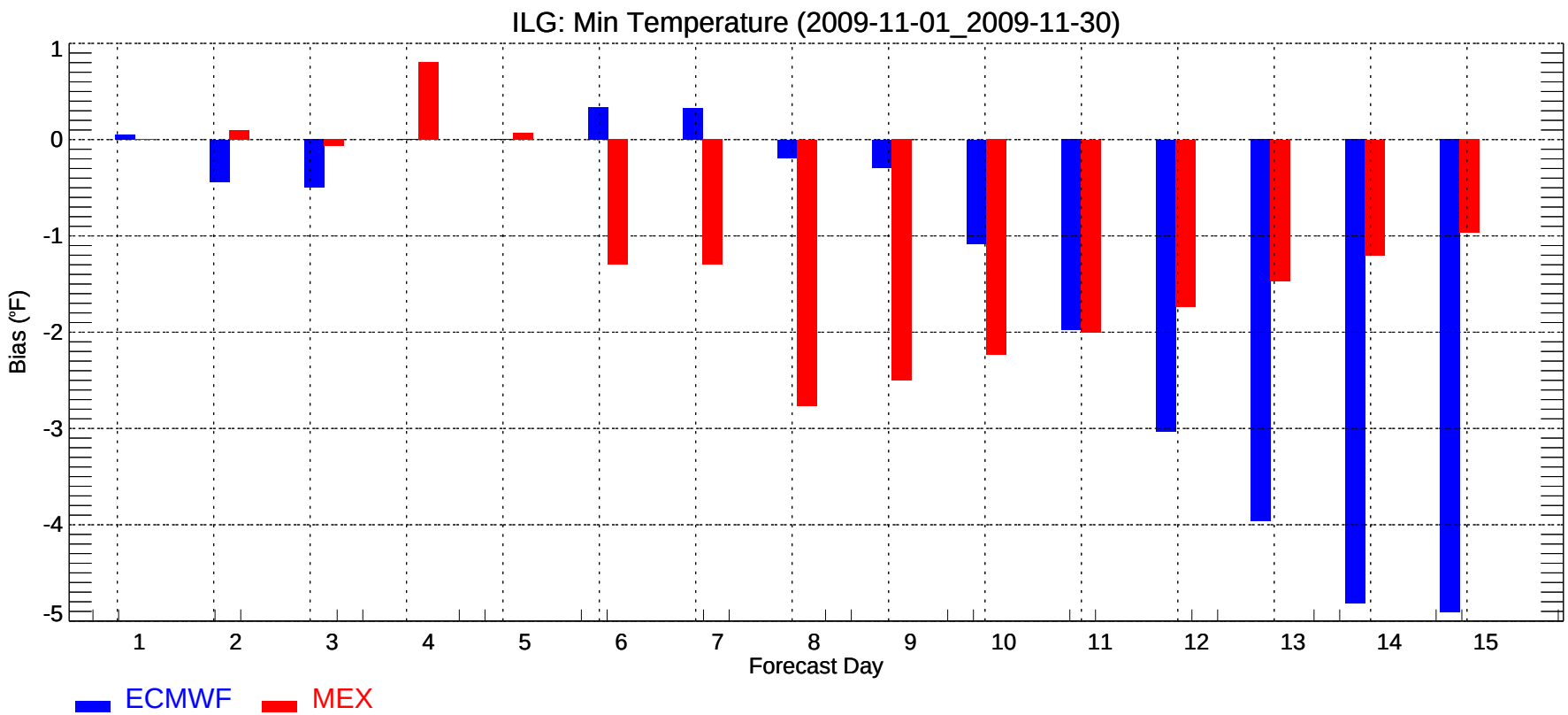

ICT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

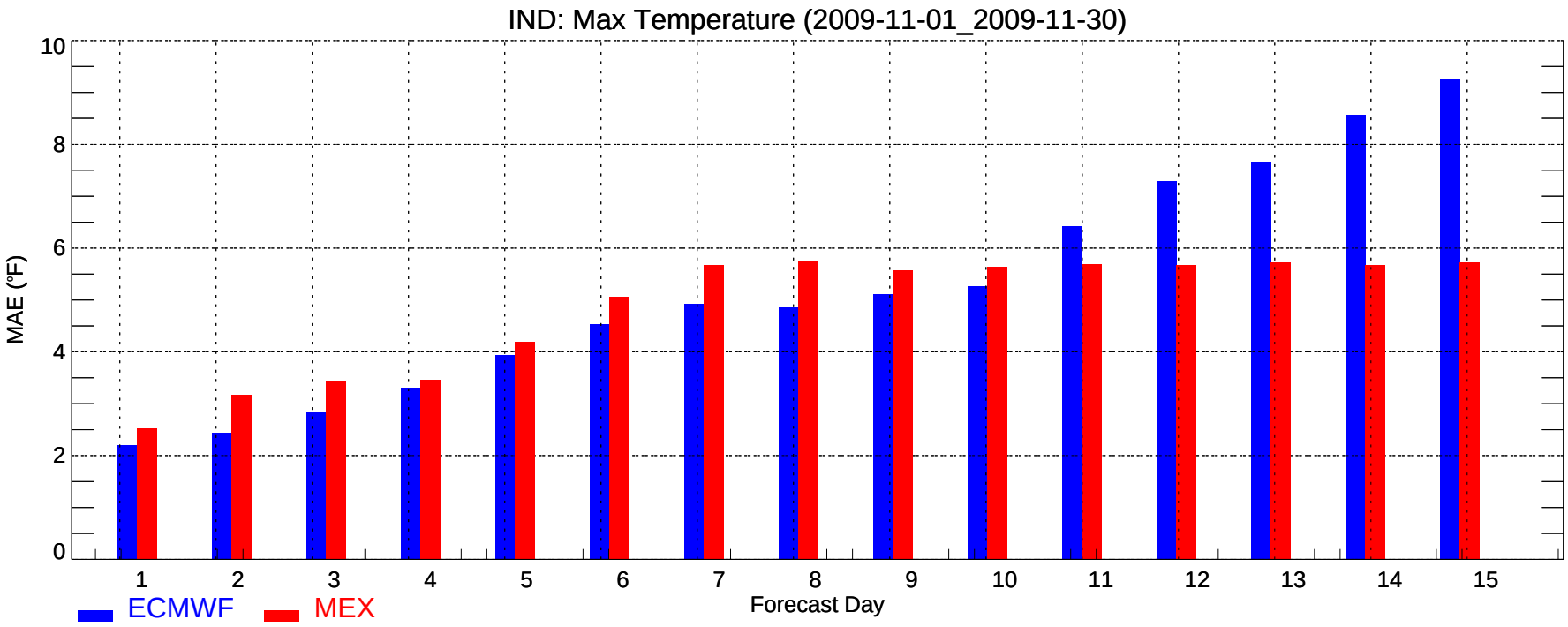

ICT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

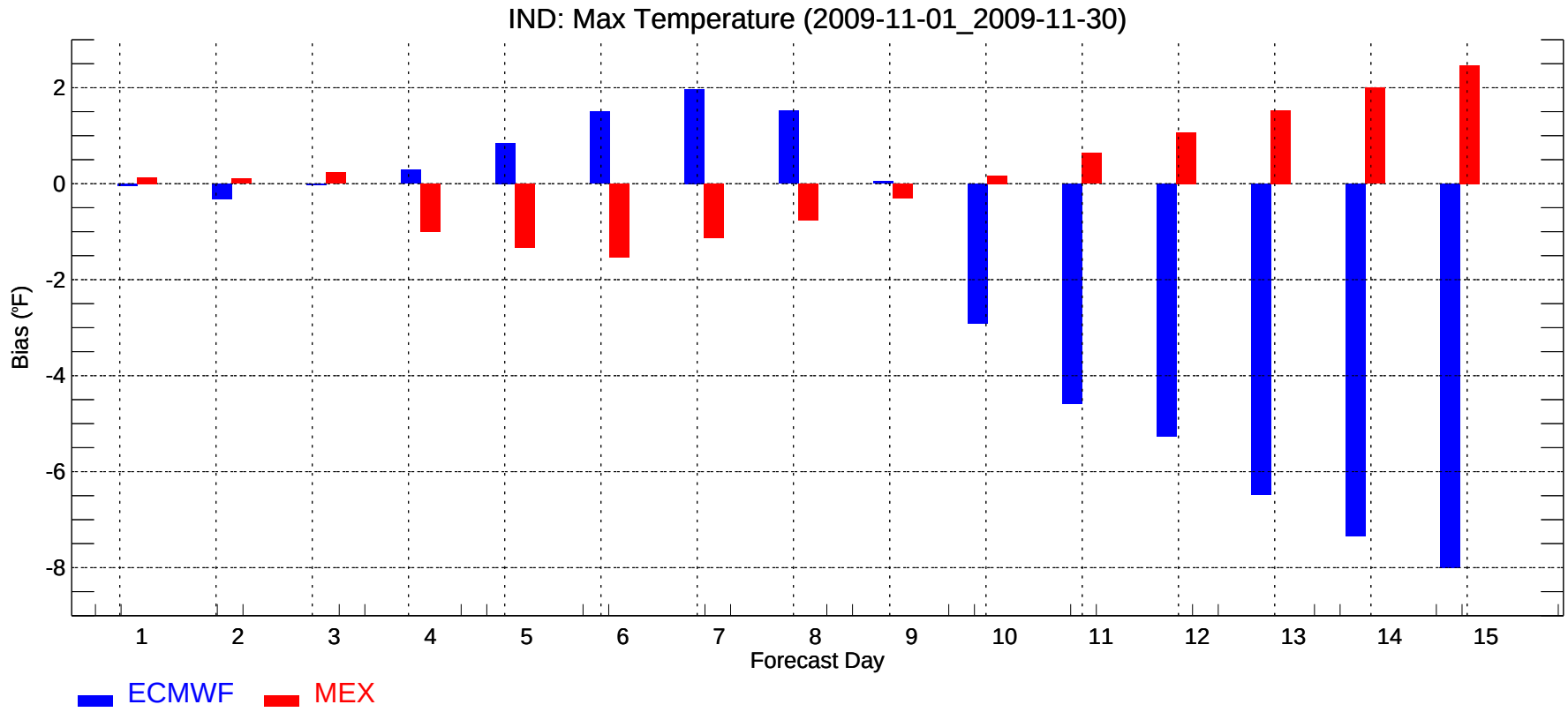

ILG: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

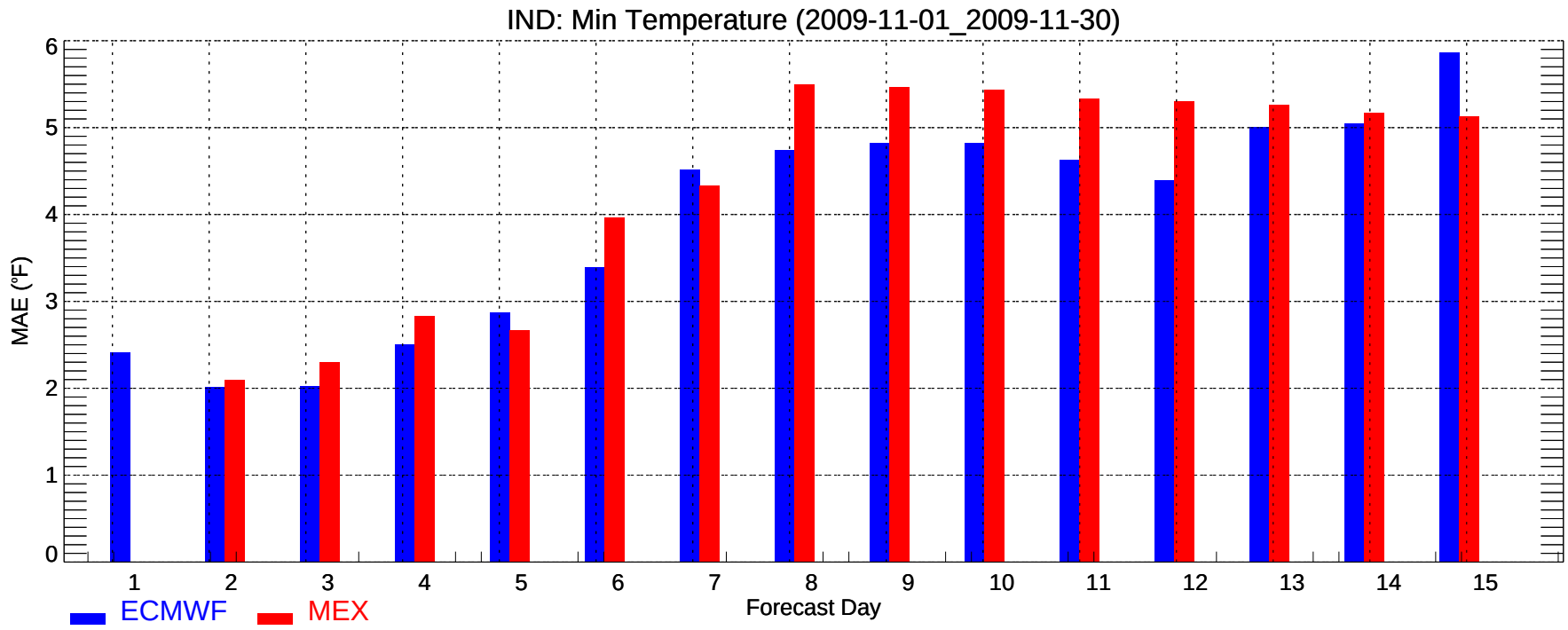

ILG: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ILG: Min Temperature (2009-11-01_2009-11-30)
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


ILG: Min Temperature (2009-11-01_2009-11-30)
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


IND: Max Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


IND: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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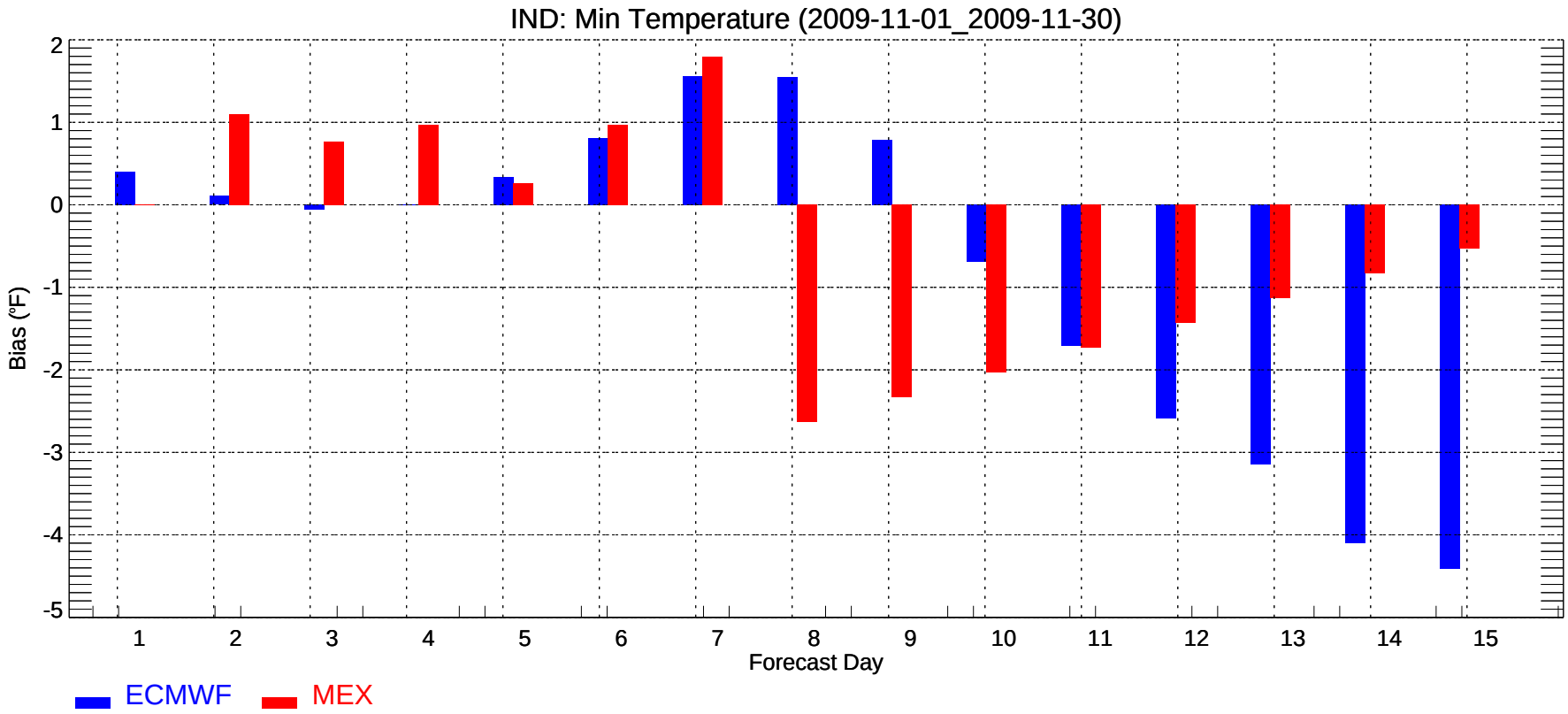
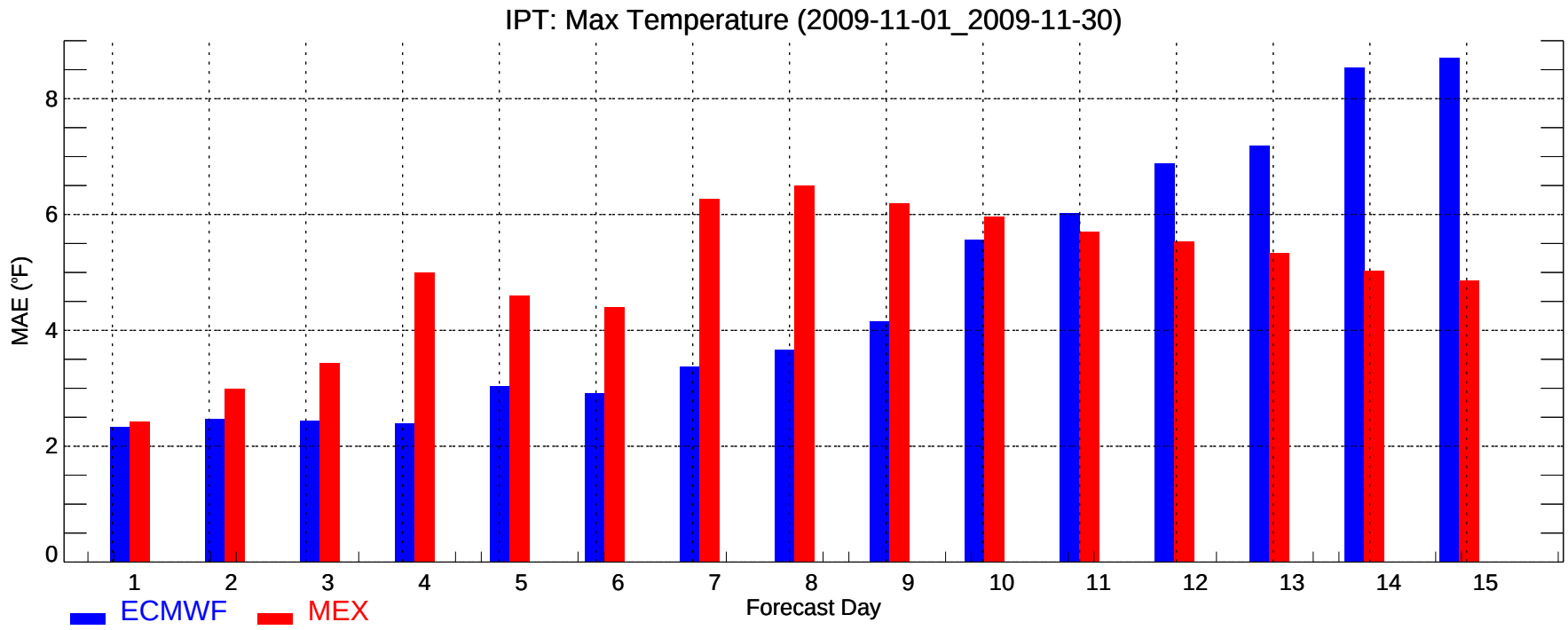
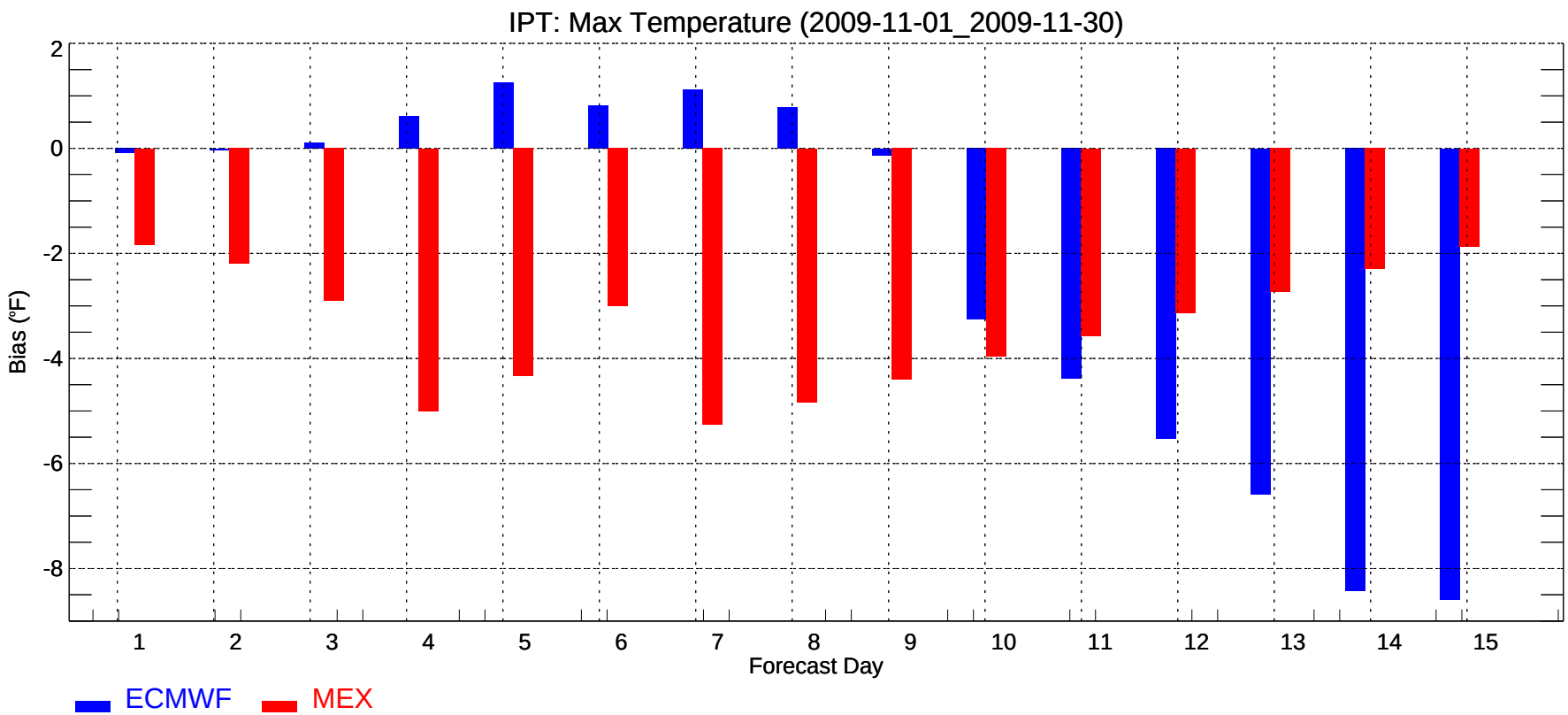
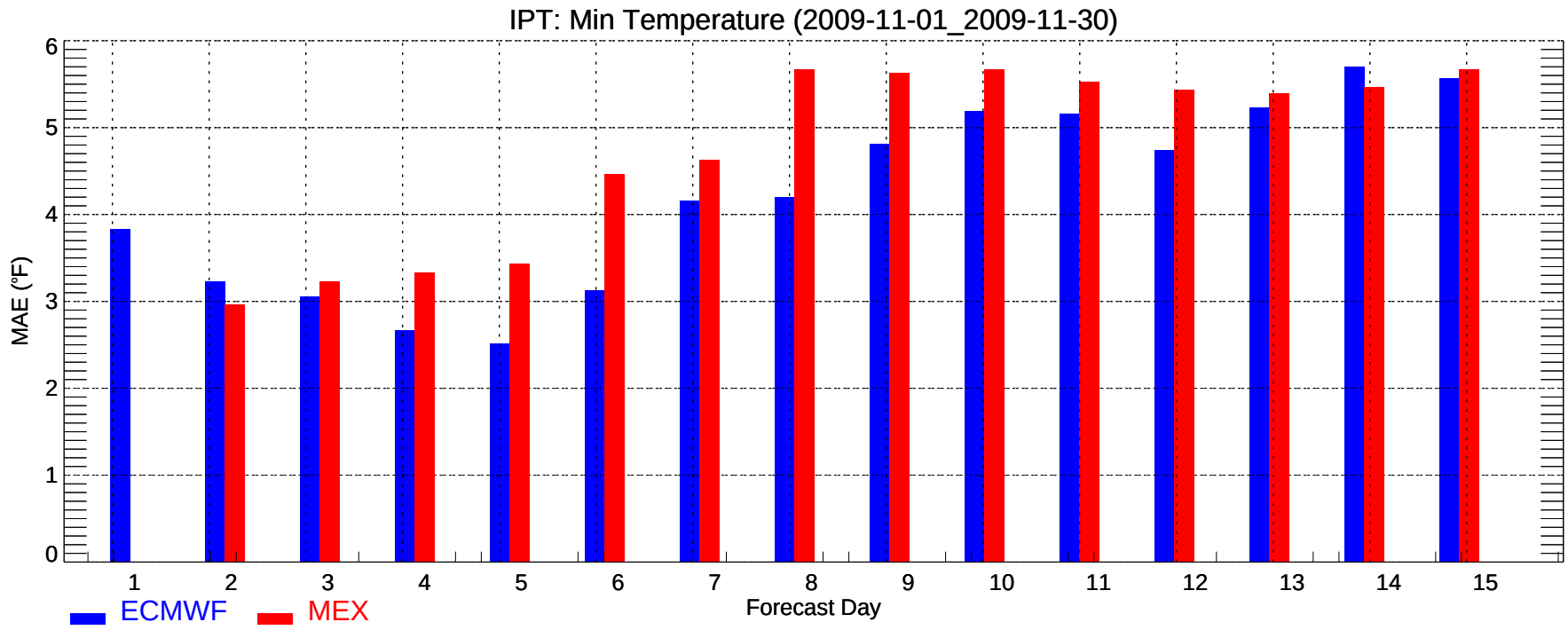
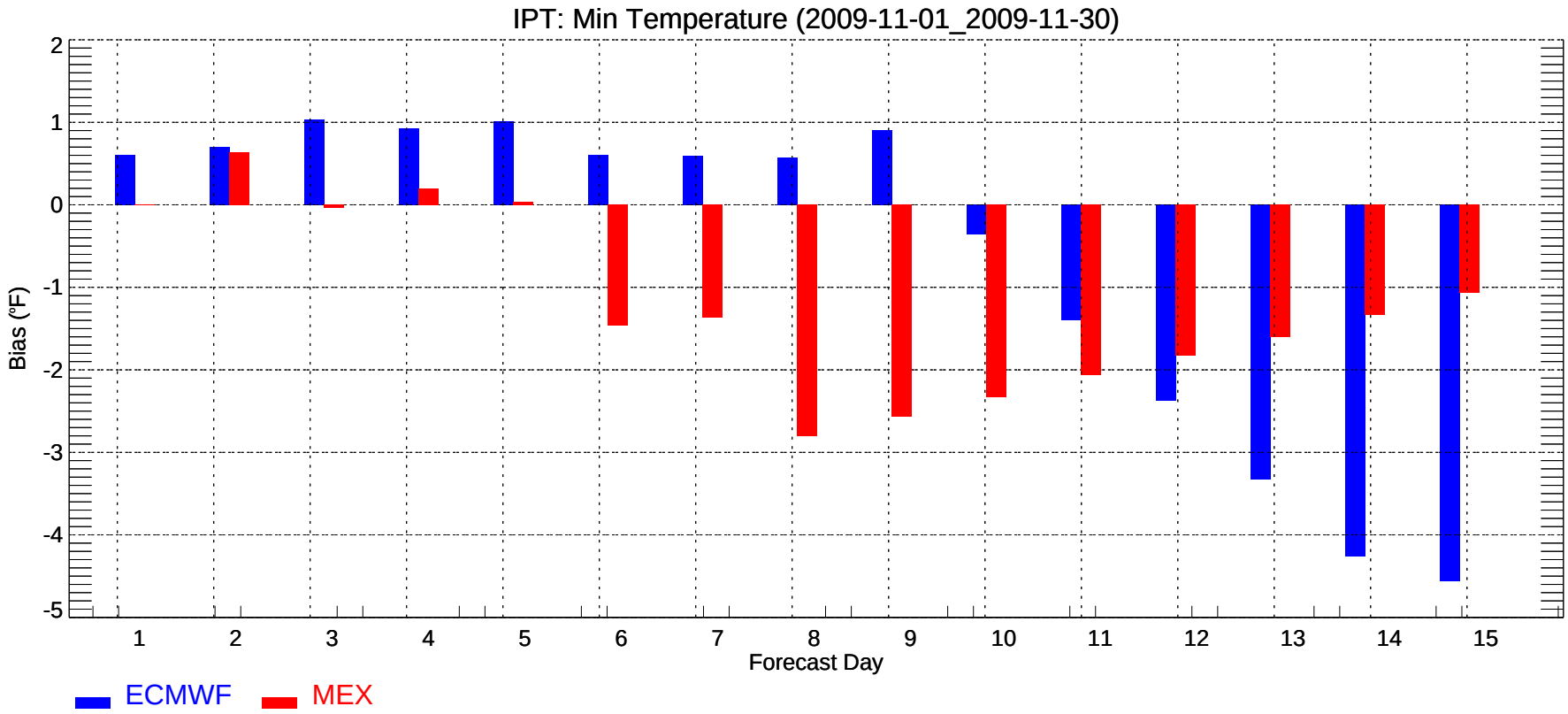
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

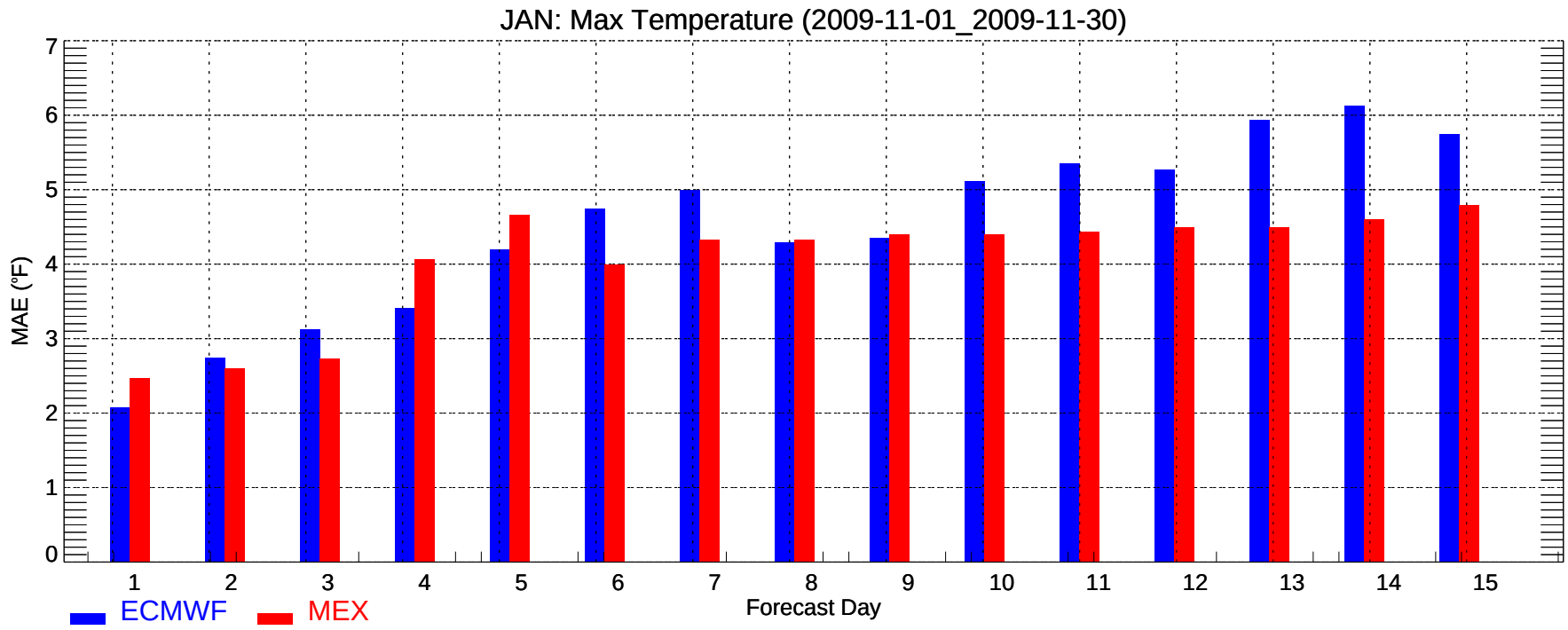

IND: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

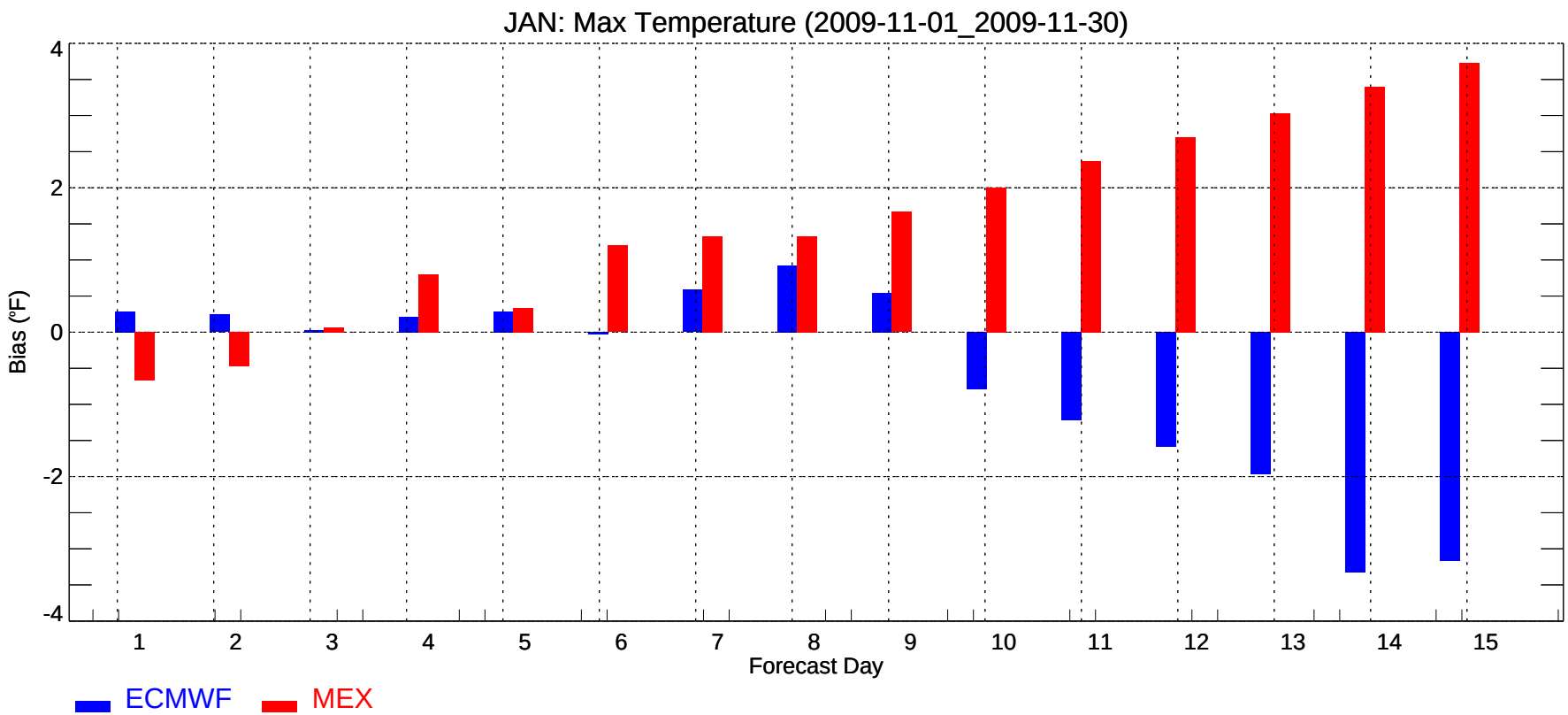

IPT: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

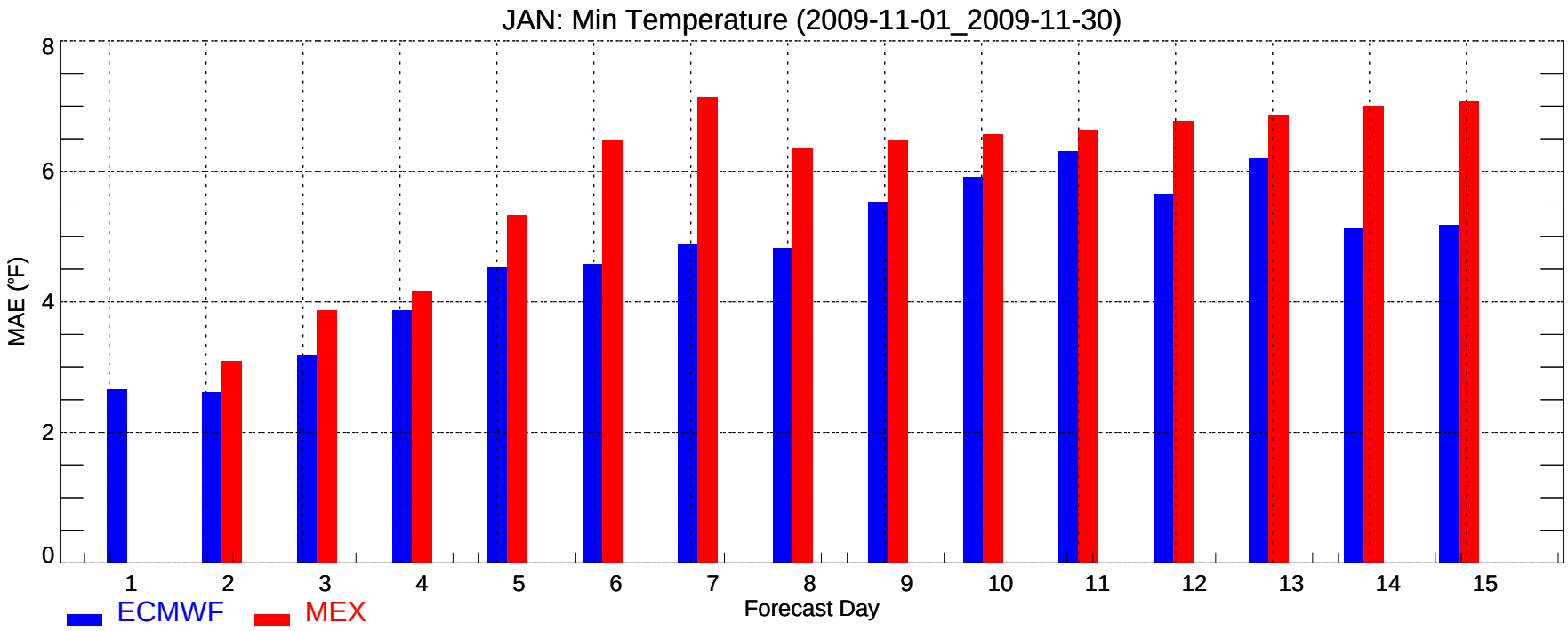

IPT: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

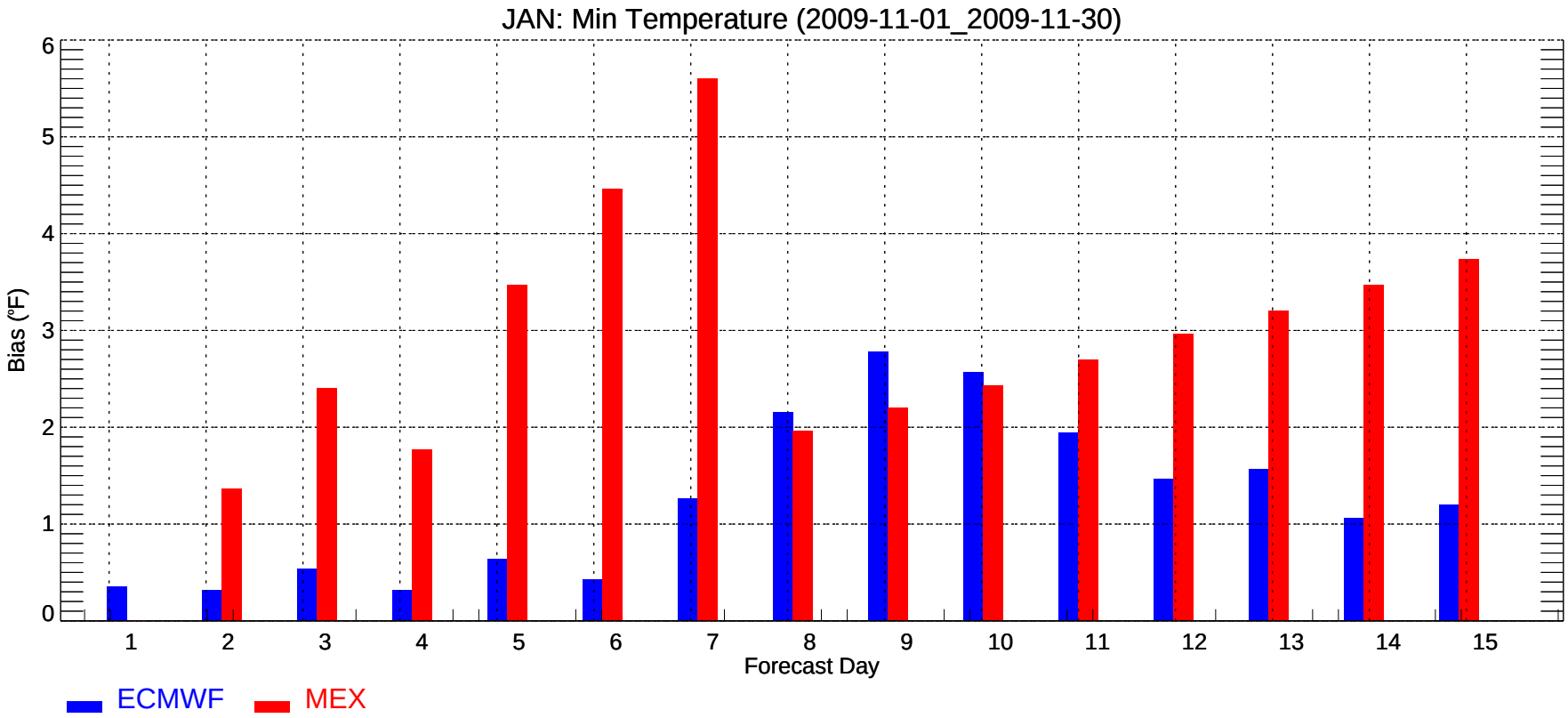

IPT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

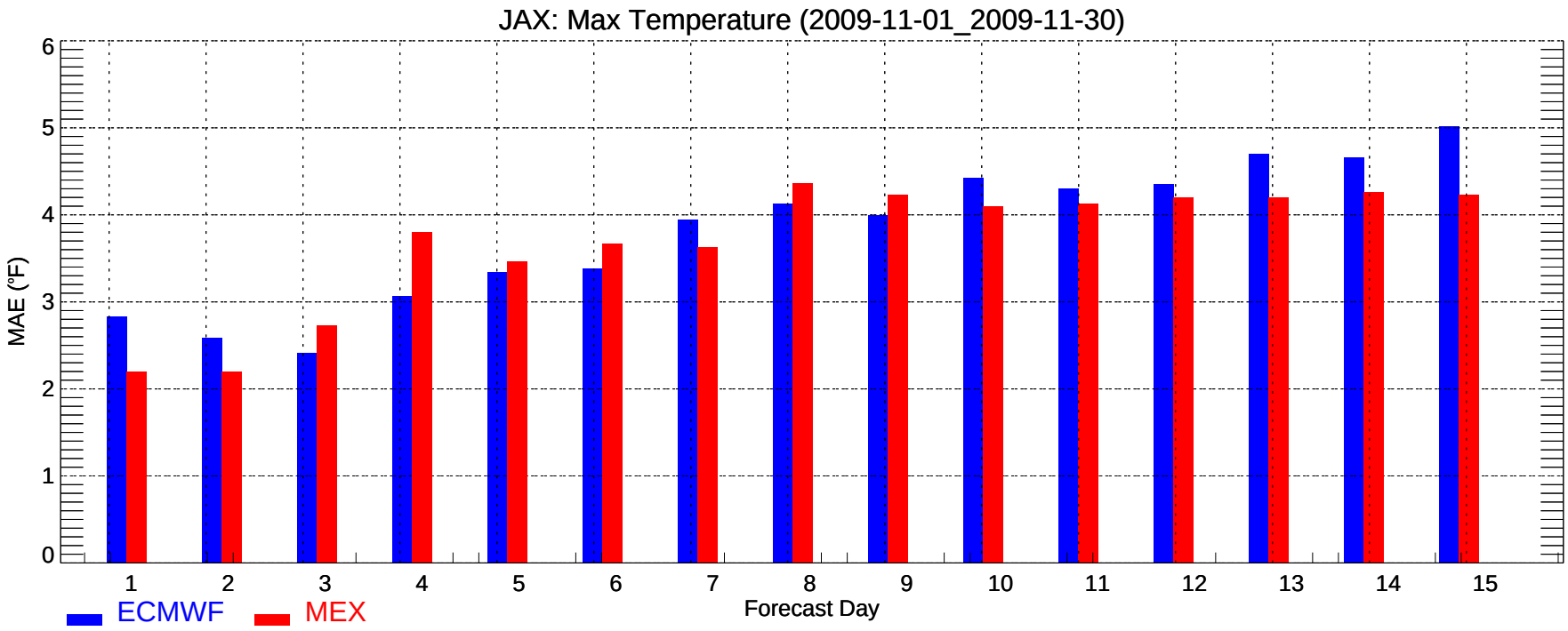

IPT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

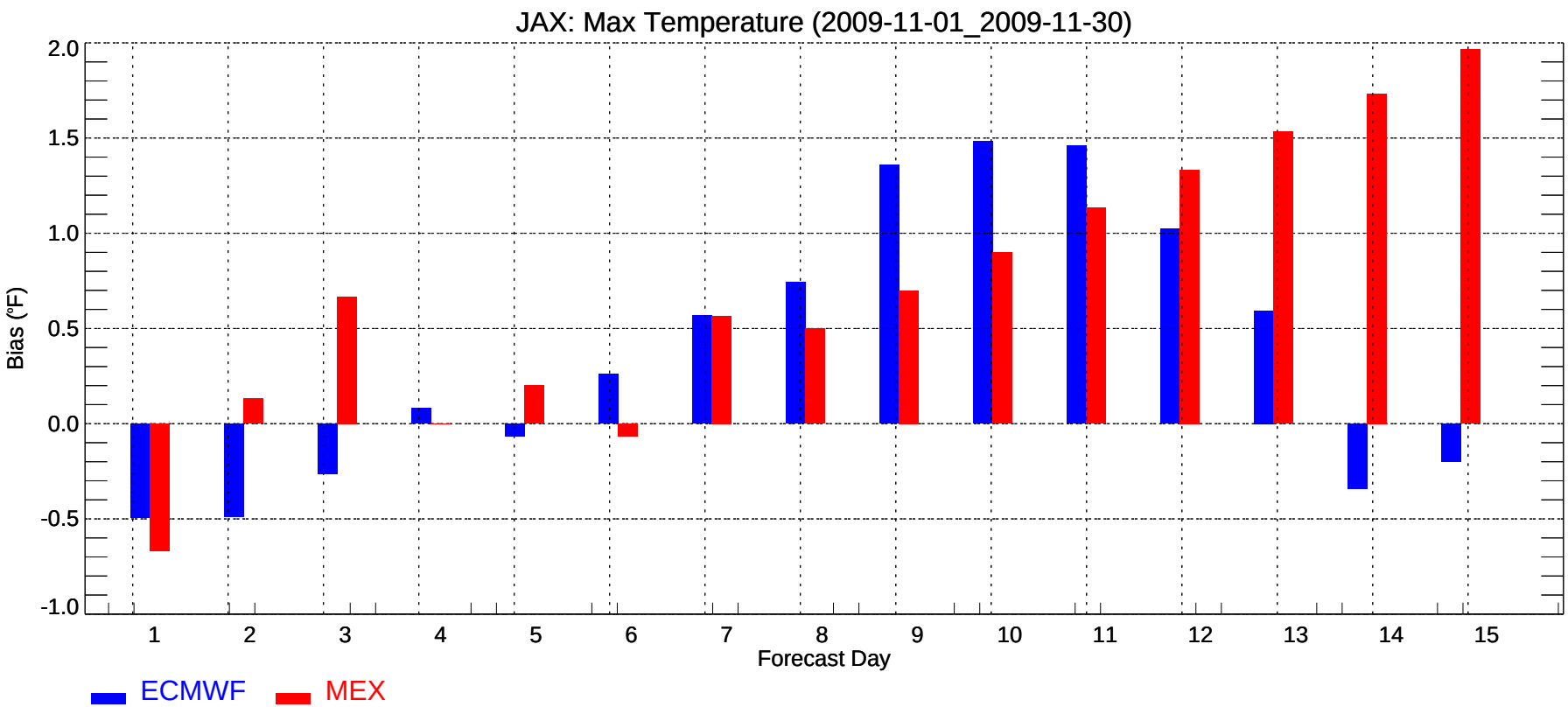

JAN: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

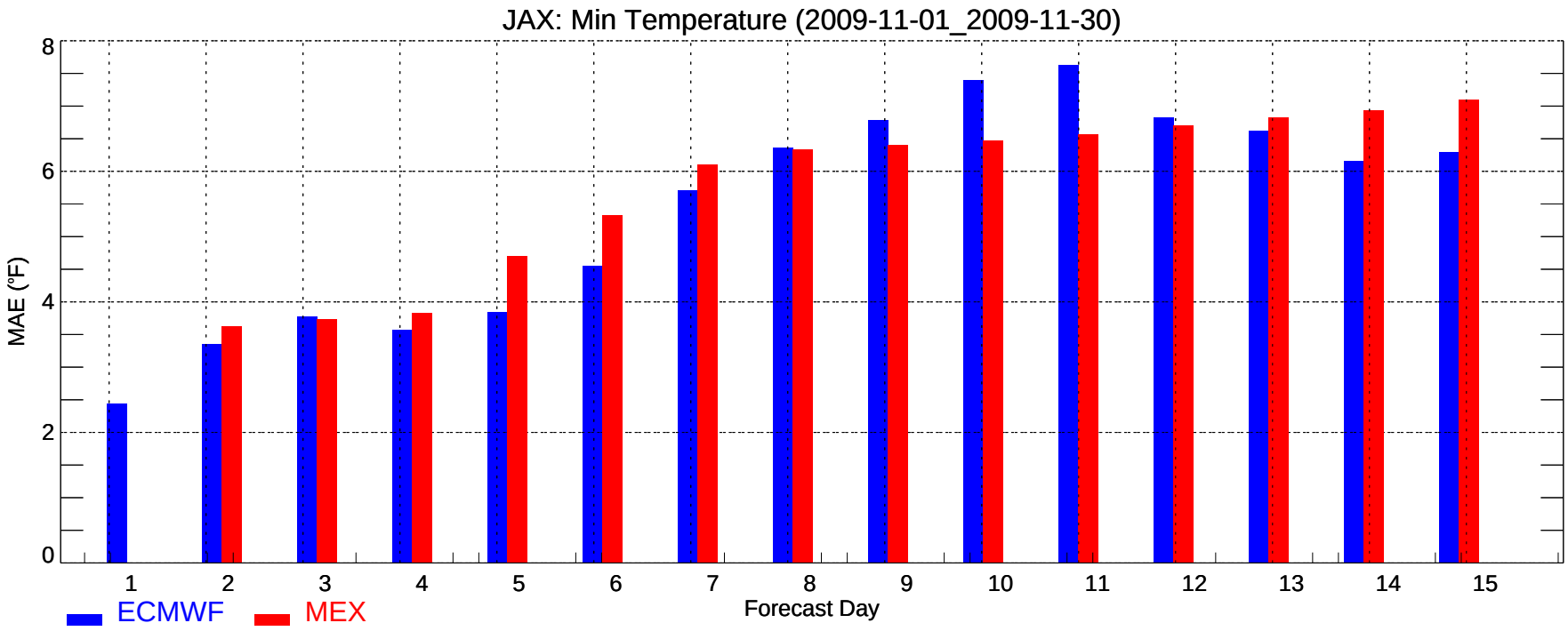

JAN: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

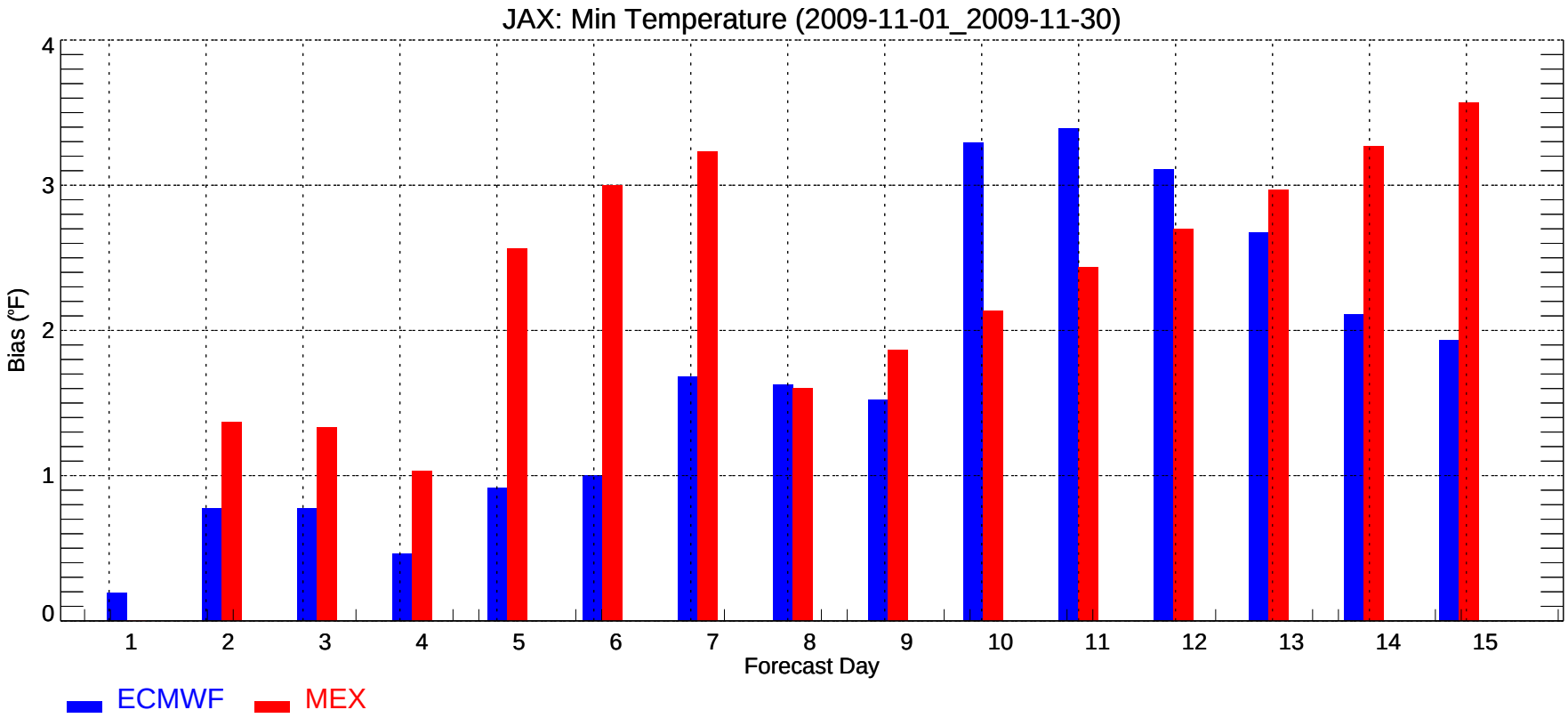

JAN: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

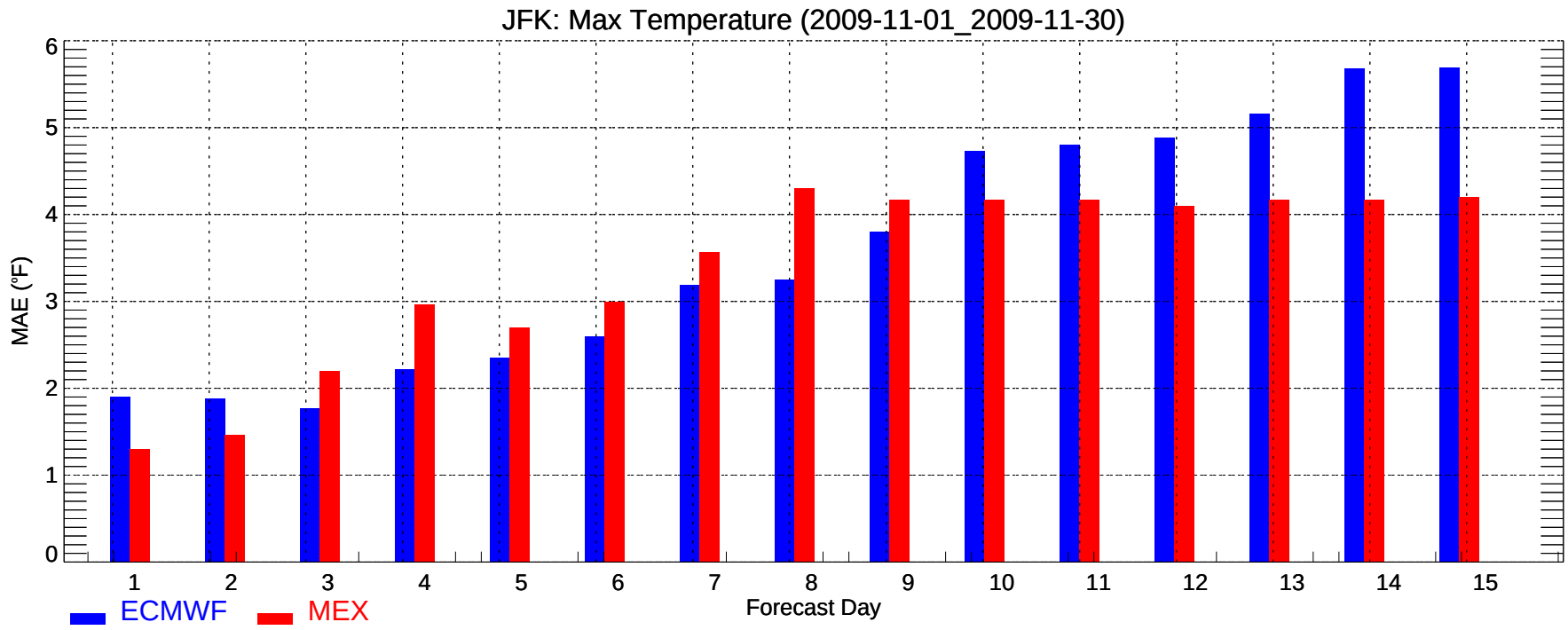

JAN: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


JAX: Max Temperature (2009-11-01_2009-11-30)
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


JAX: Max Temperature (2009-11-01_2009-11-30)
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


JAX: Min Temperature (2009-11-01_2009-11-30)
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


JAX: Min Temperature (2009-11-01_2009-11-30)
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


JFK: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
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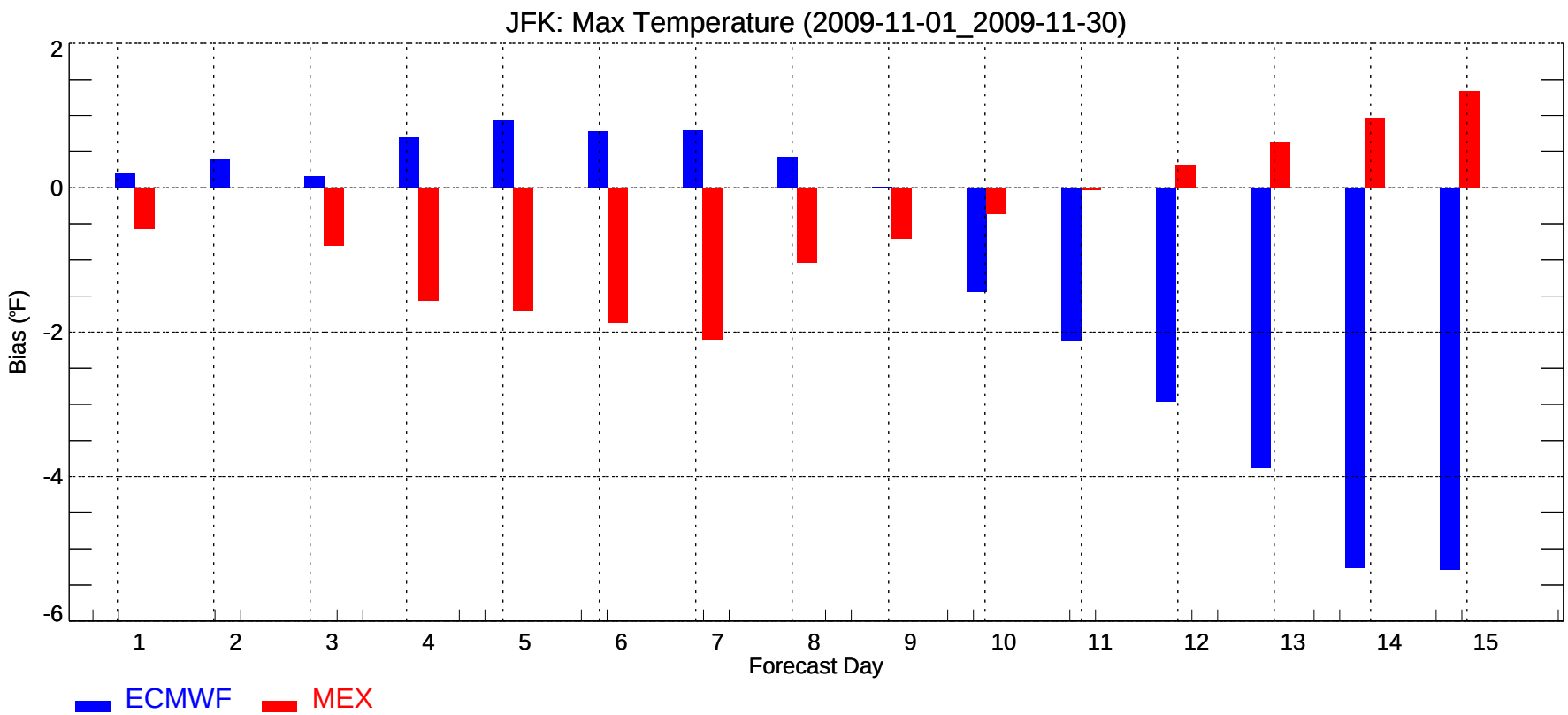
Forecast Day
ECMWF
MEX


JFK: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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10
11
12
13
14
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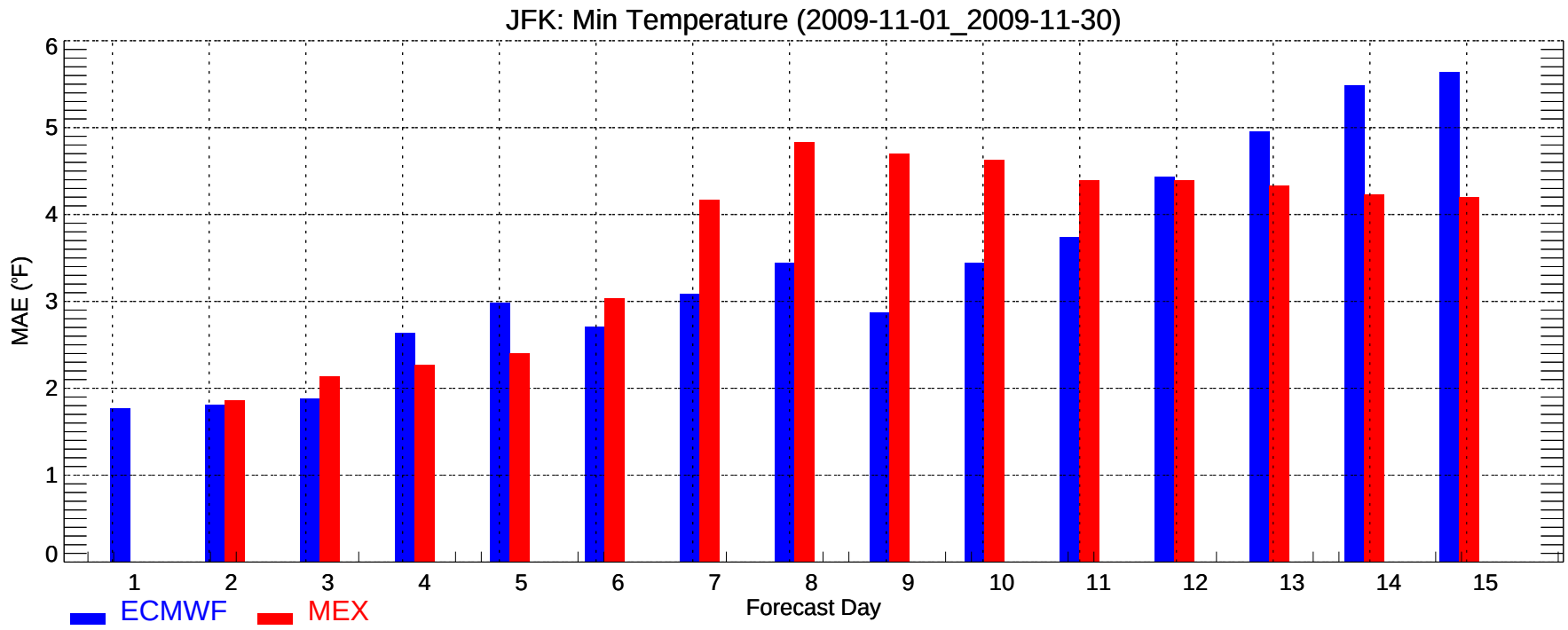
Forecast Day
ECMWF
MEX


JFK: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
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1
2
3
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6
7
8
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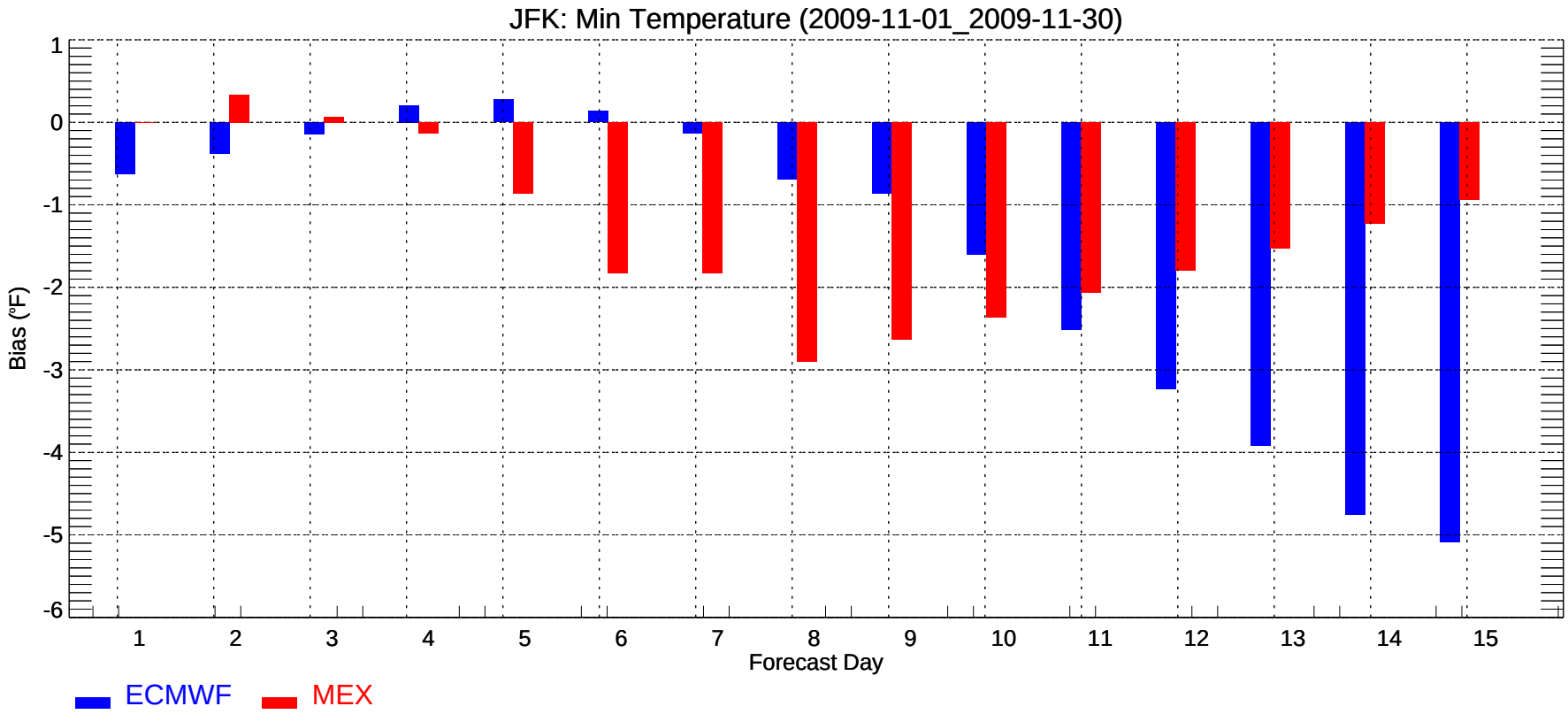
11
12
13
14
15
Forecast Day
ECMWF
MEX


JFK: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
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8
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14
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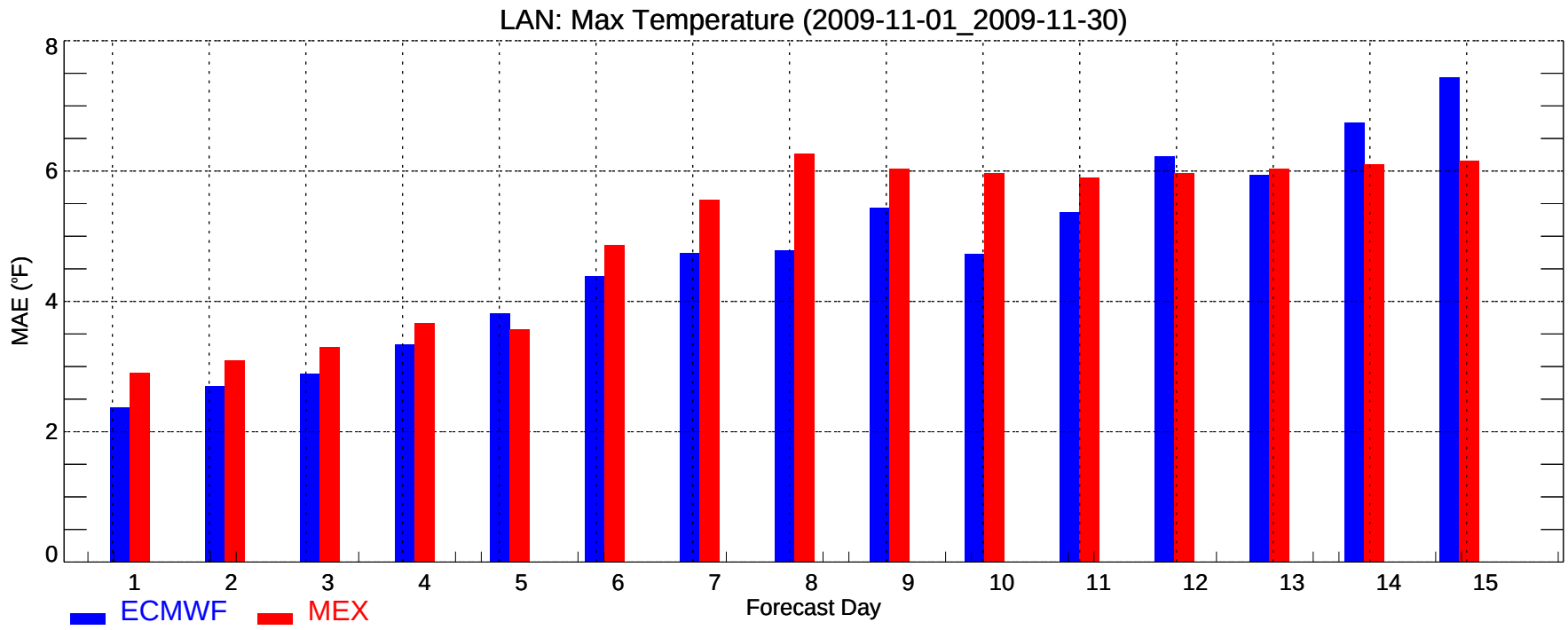
Forecast Day
ECMWF
MEX


LAN: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
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6
7
8
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10
11
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13
14
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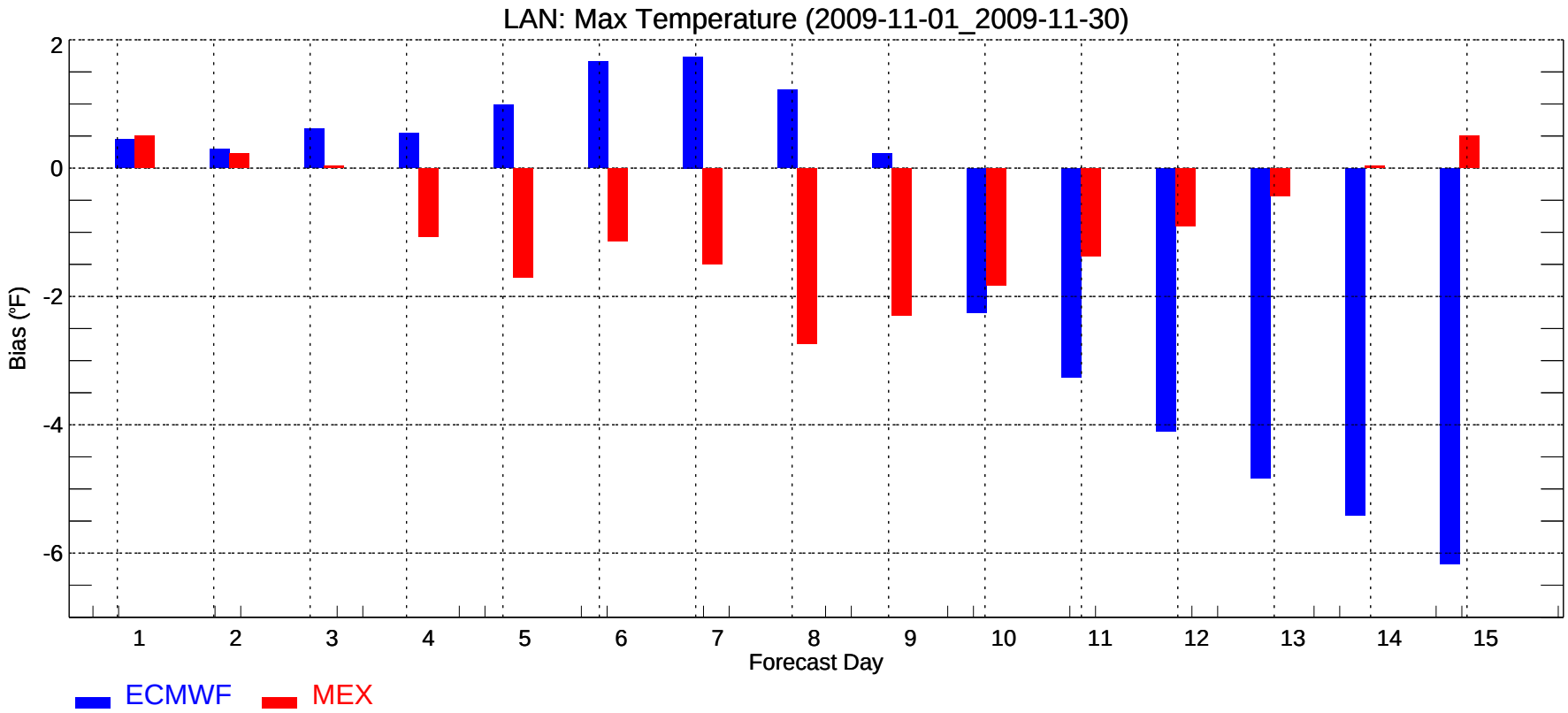
Forecast Day
ECMWF
MEX


LAN: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
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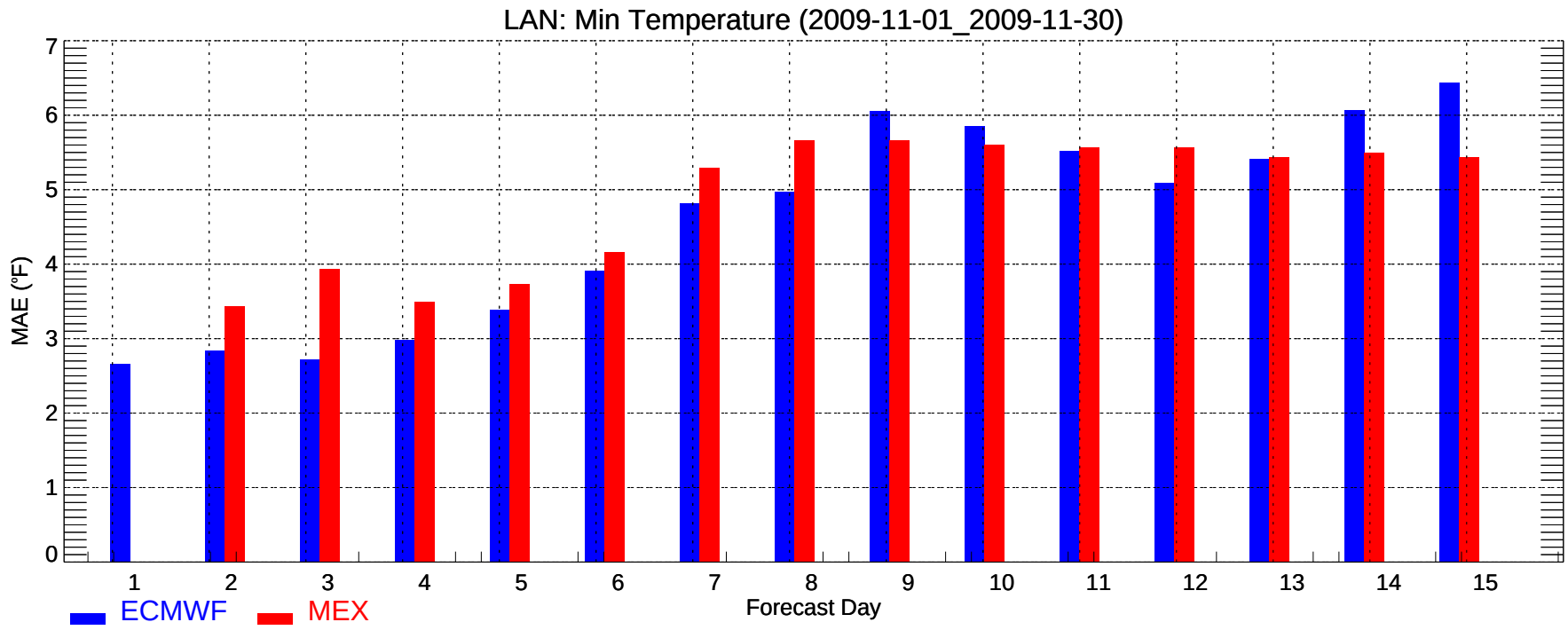
Forecast Day
ECMWF
MEX


LAN: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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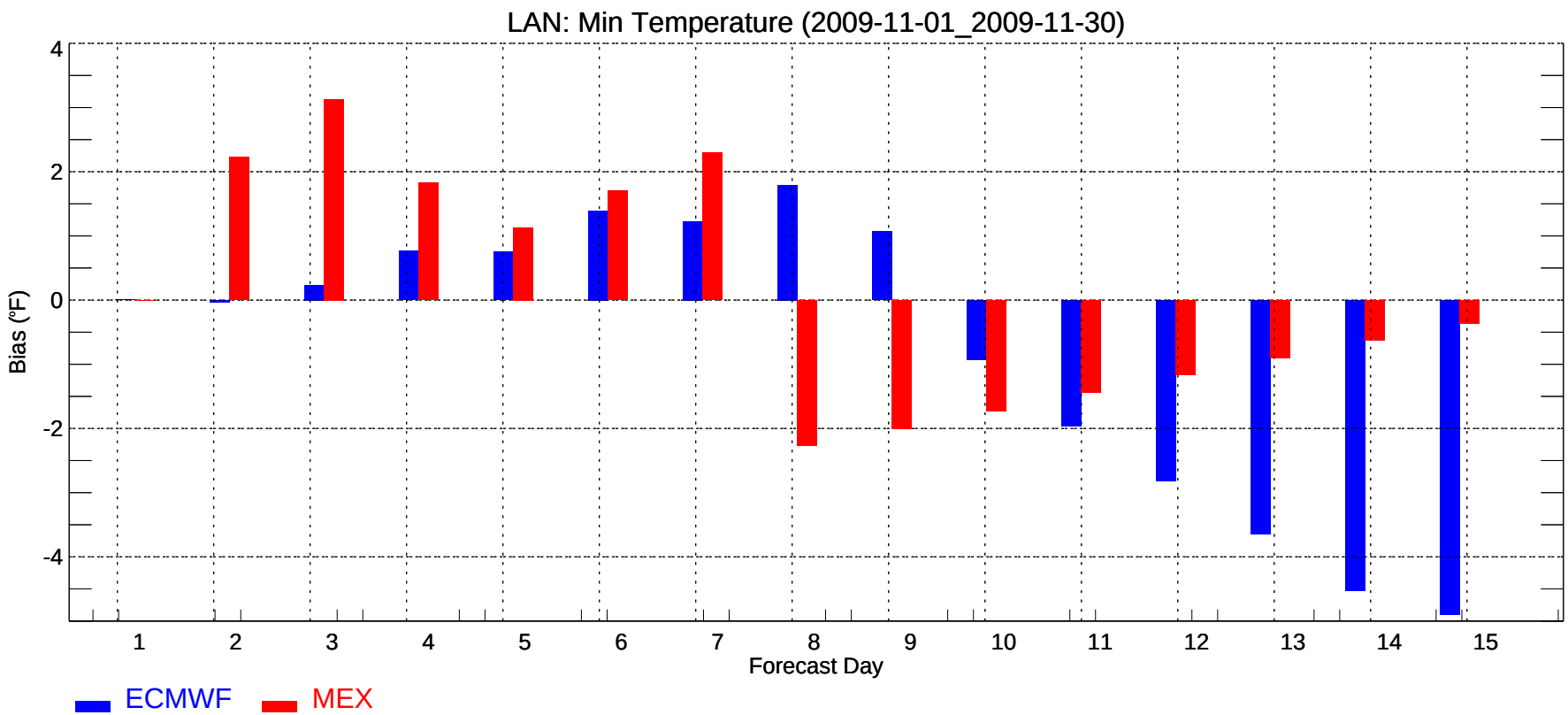
Forecast Day
ECMWF
MEX


LAN: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
1
2
3
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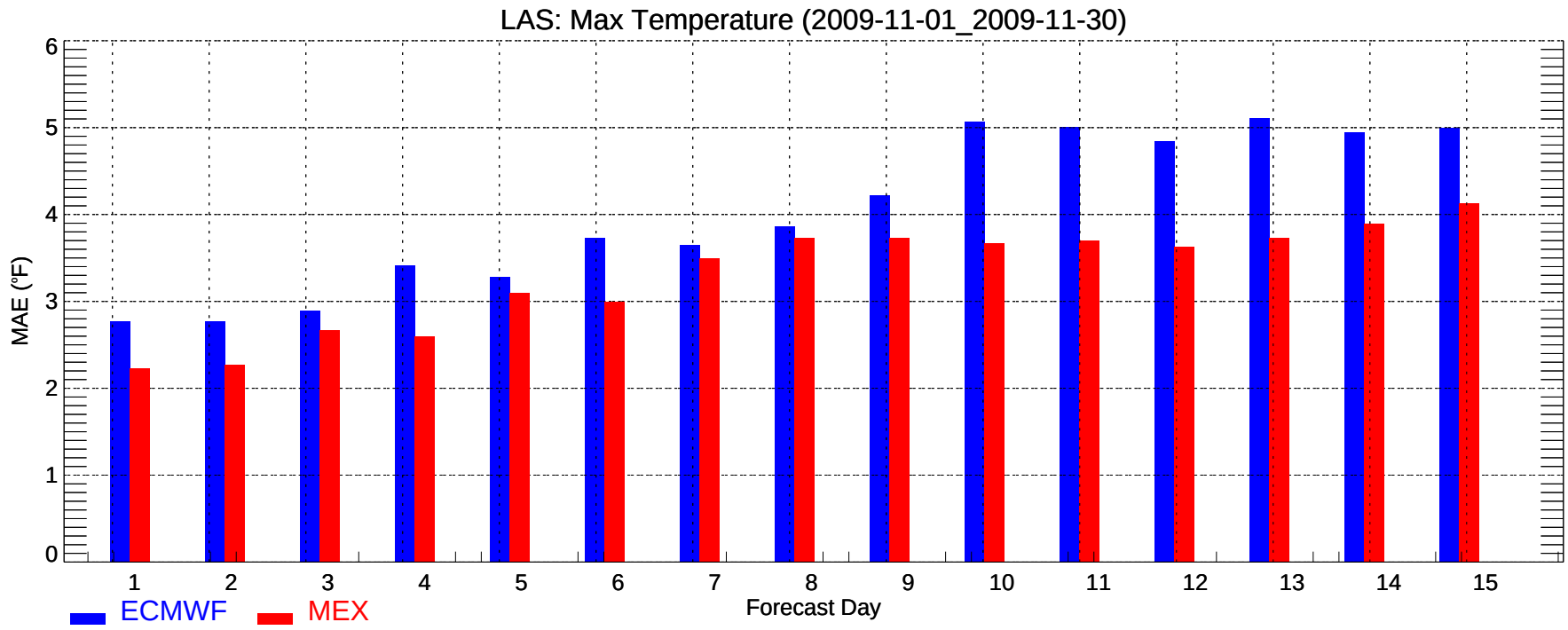
Forecast Day
ECMWF
MEX


LAS: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
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1
2
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6
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8
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12
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14
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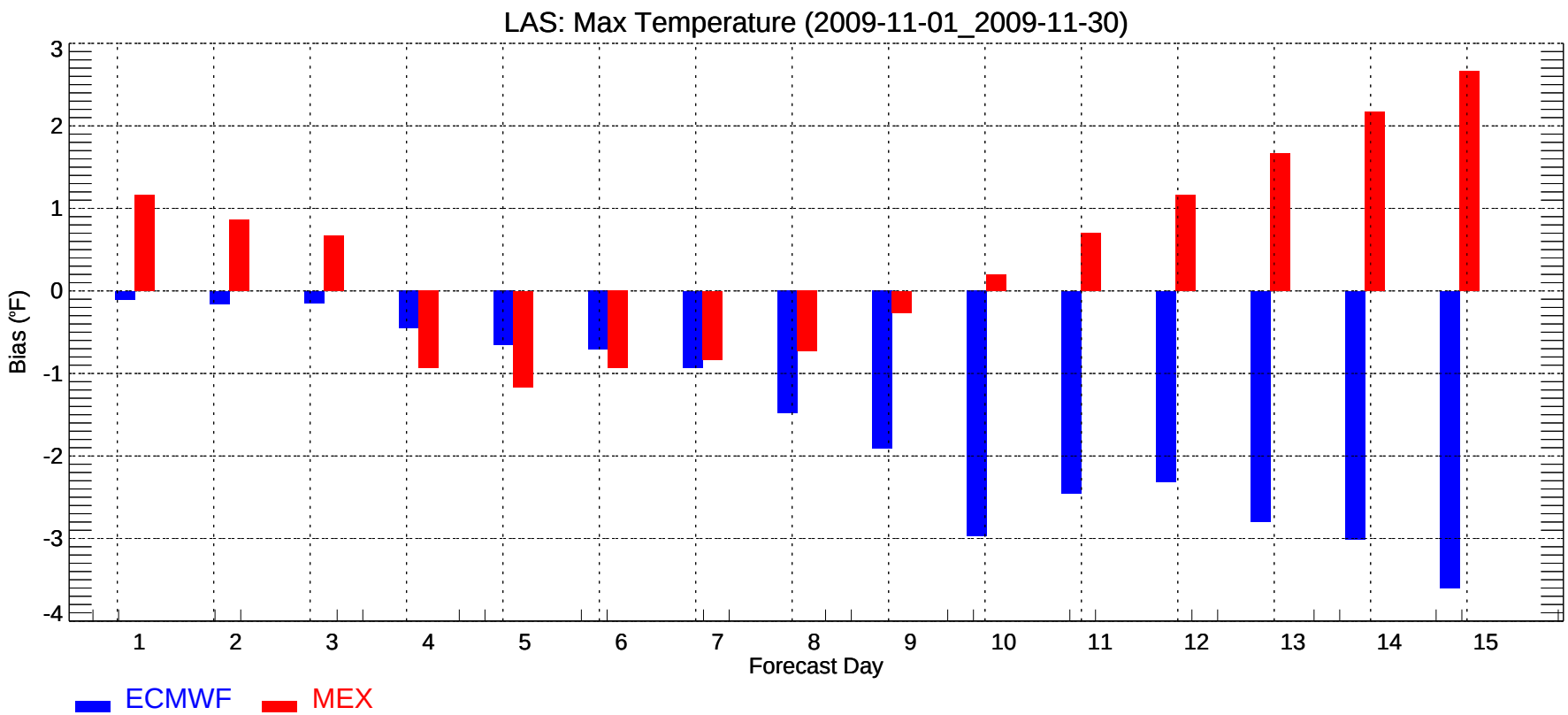
Forecast Day
ECMWF
MEX


LAS: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
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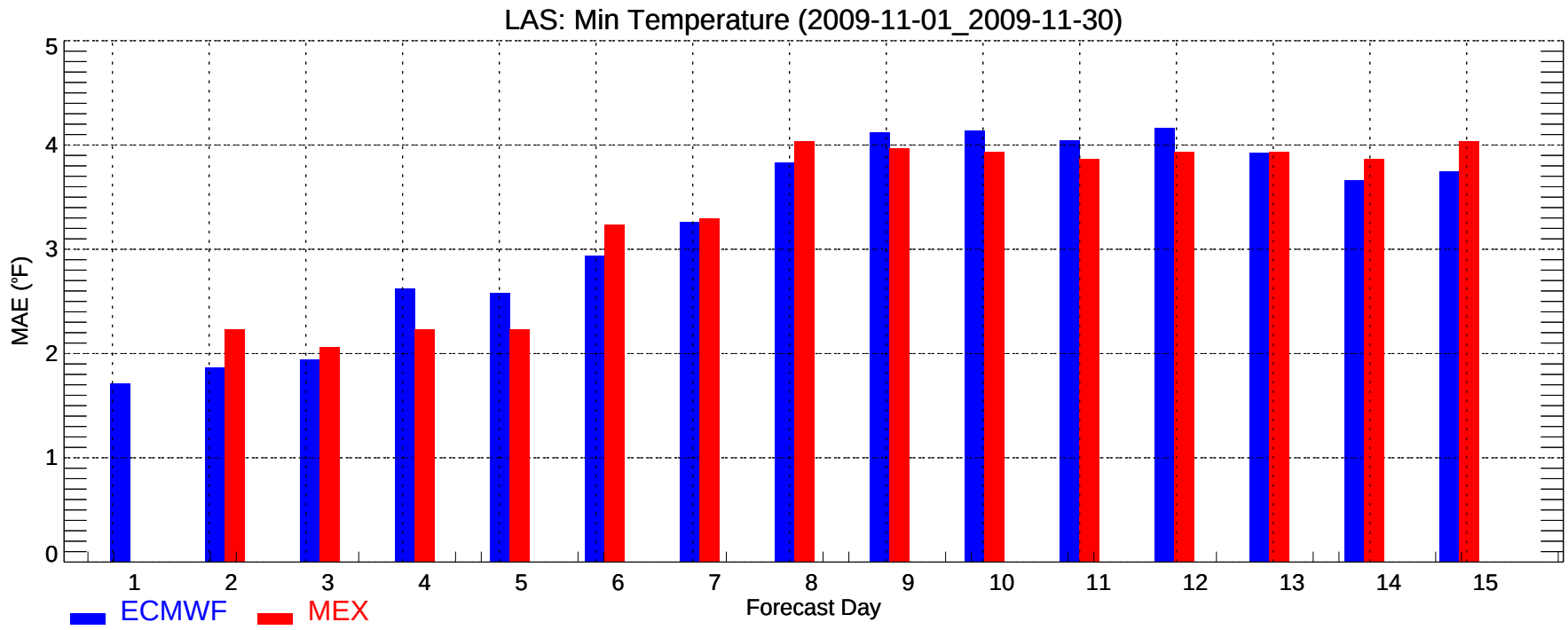
Forecast Day
ECMWF
MEX


LAS: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
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2
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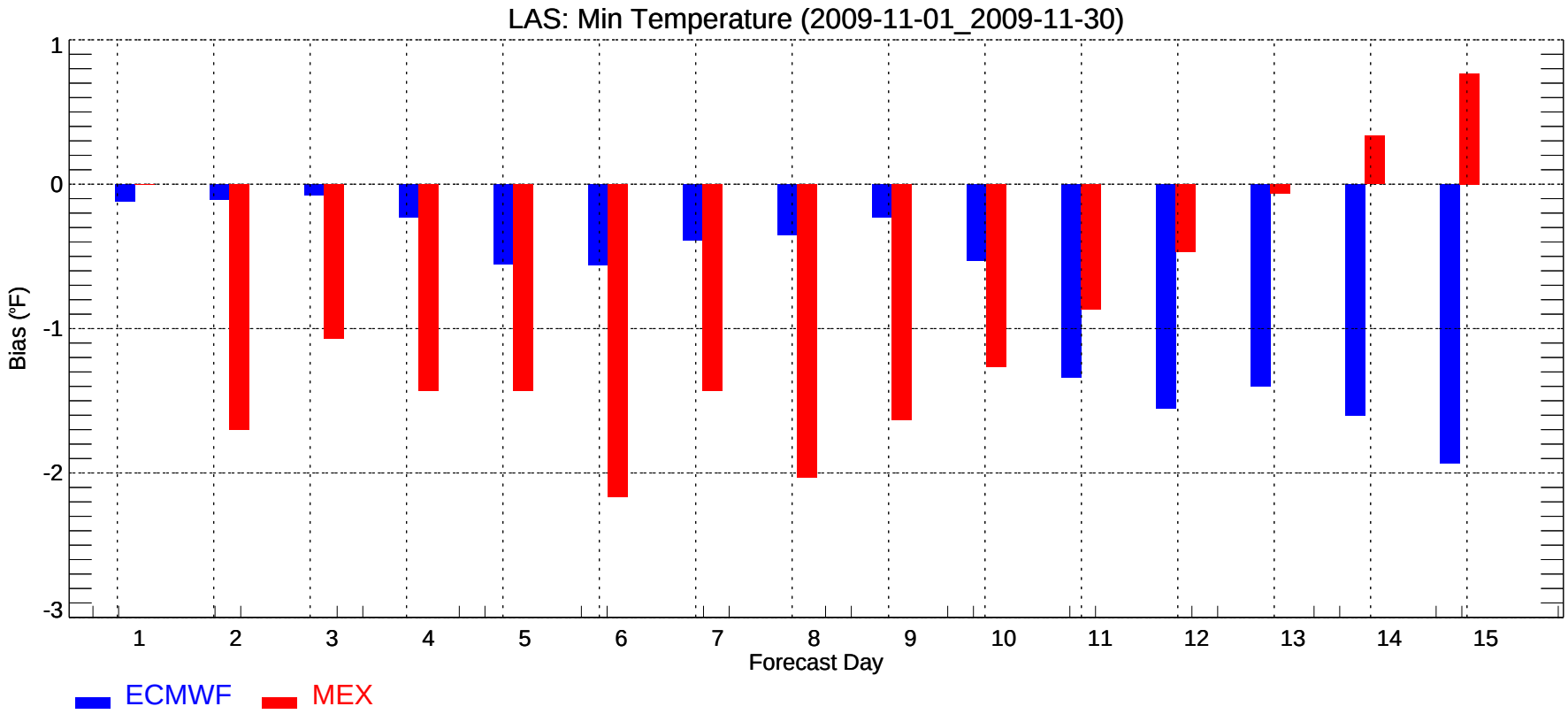
Forecast Day
ECMWF
MEX


LAS: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
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-1
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-3
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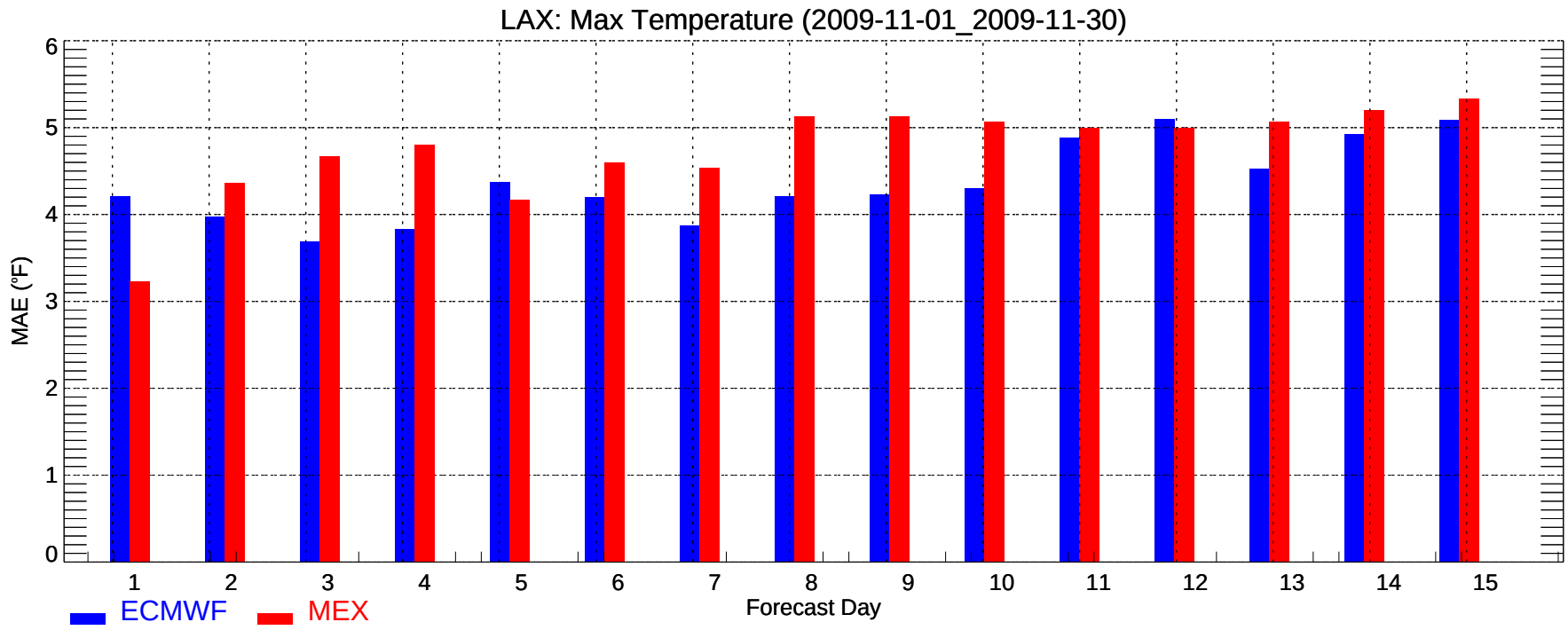
Forecast Day
ECMWF
MEX


LAX: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
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14
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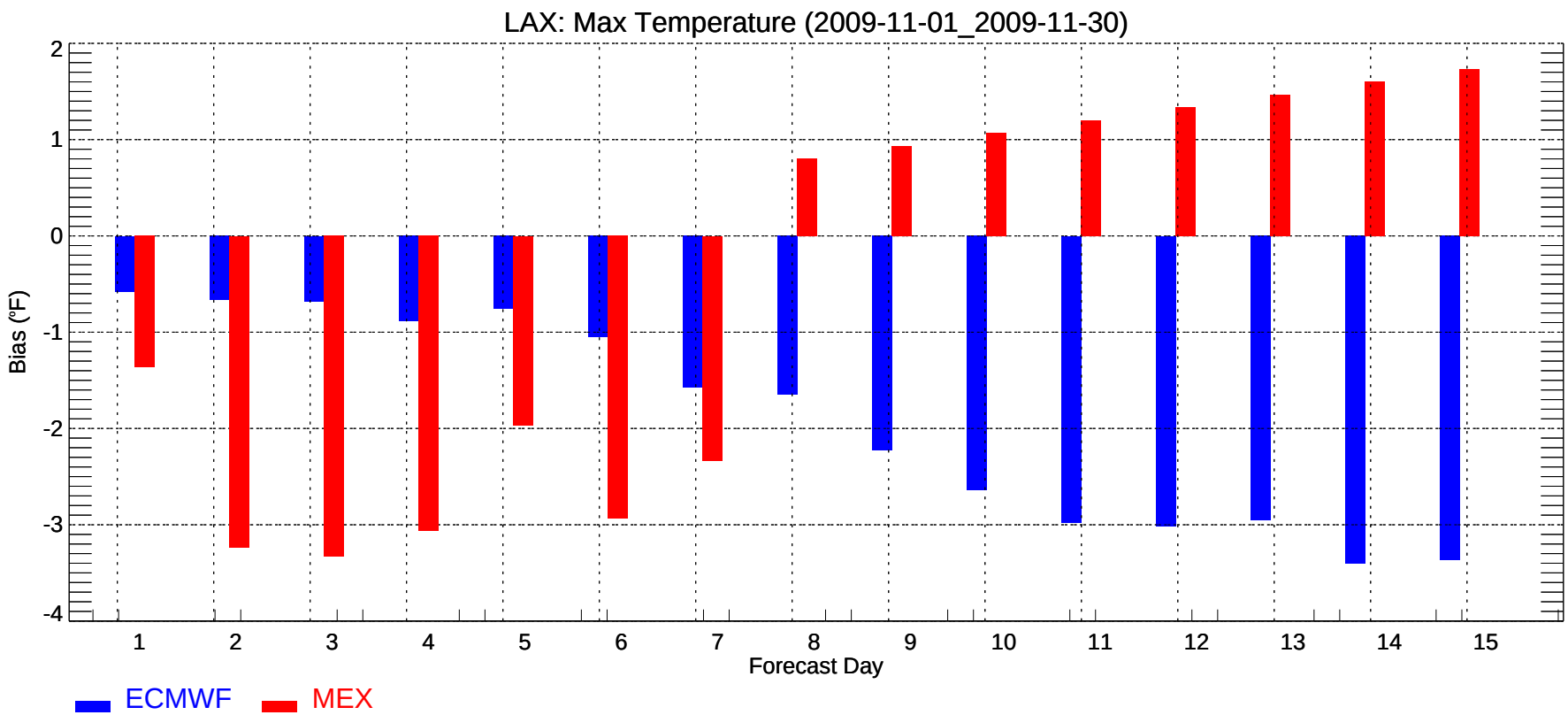
Forecast Day
ECMWF
MEX


LAX: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
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-1
-2
-3
-4
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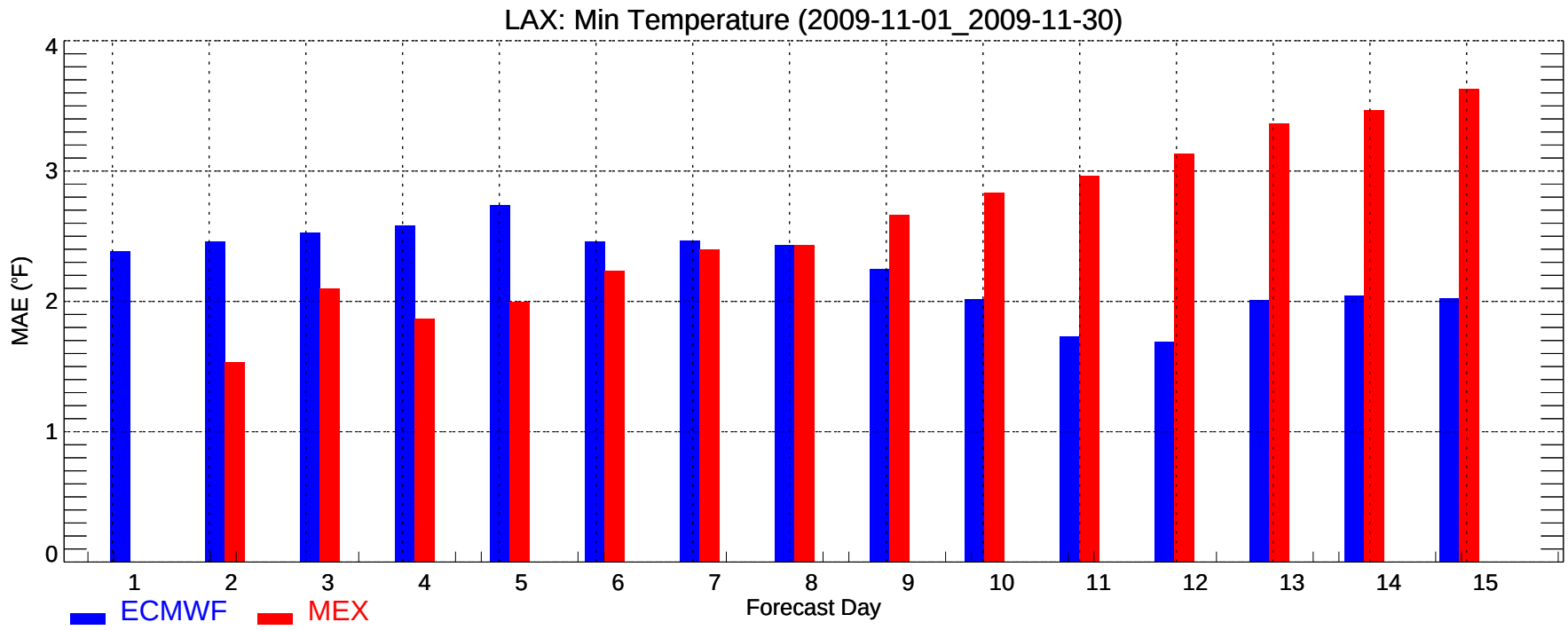
Forecast Day
ECMWF
MEX


LAX: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
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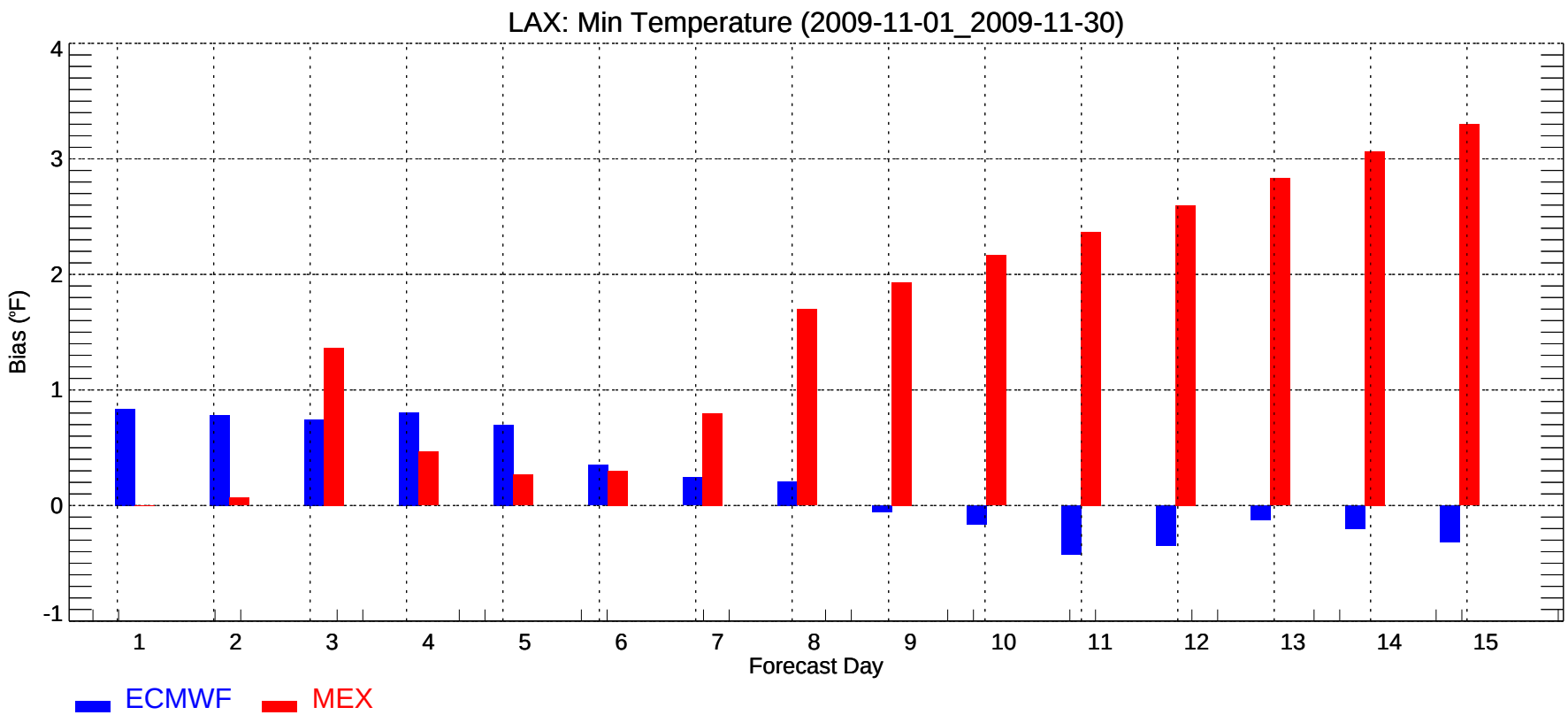
Forecast Day
ECMWF
MEX


LAX: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
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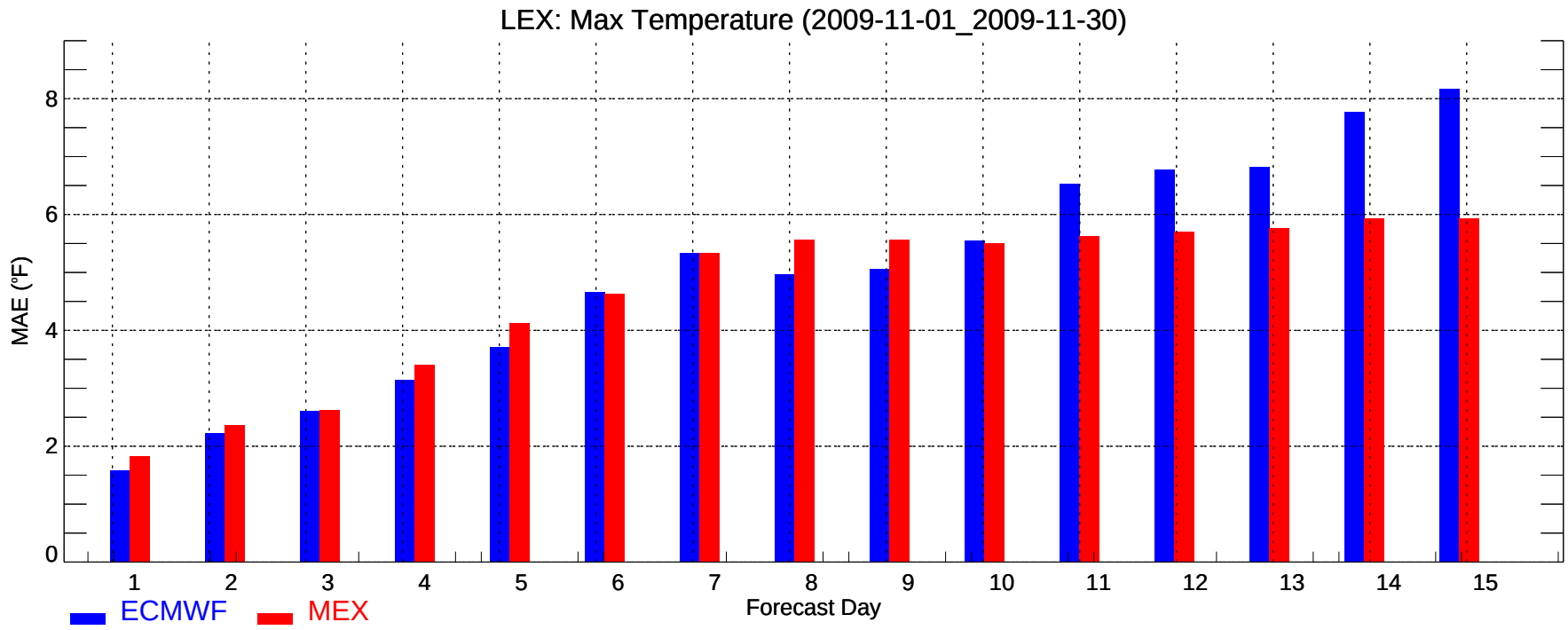
Forecast Day
ECMWF
MEX


LEX: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
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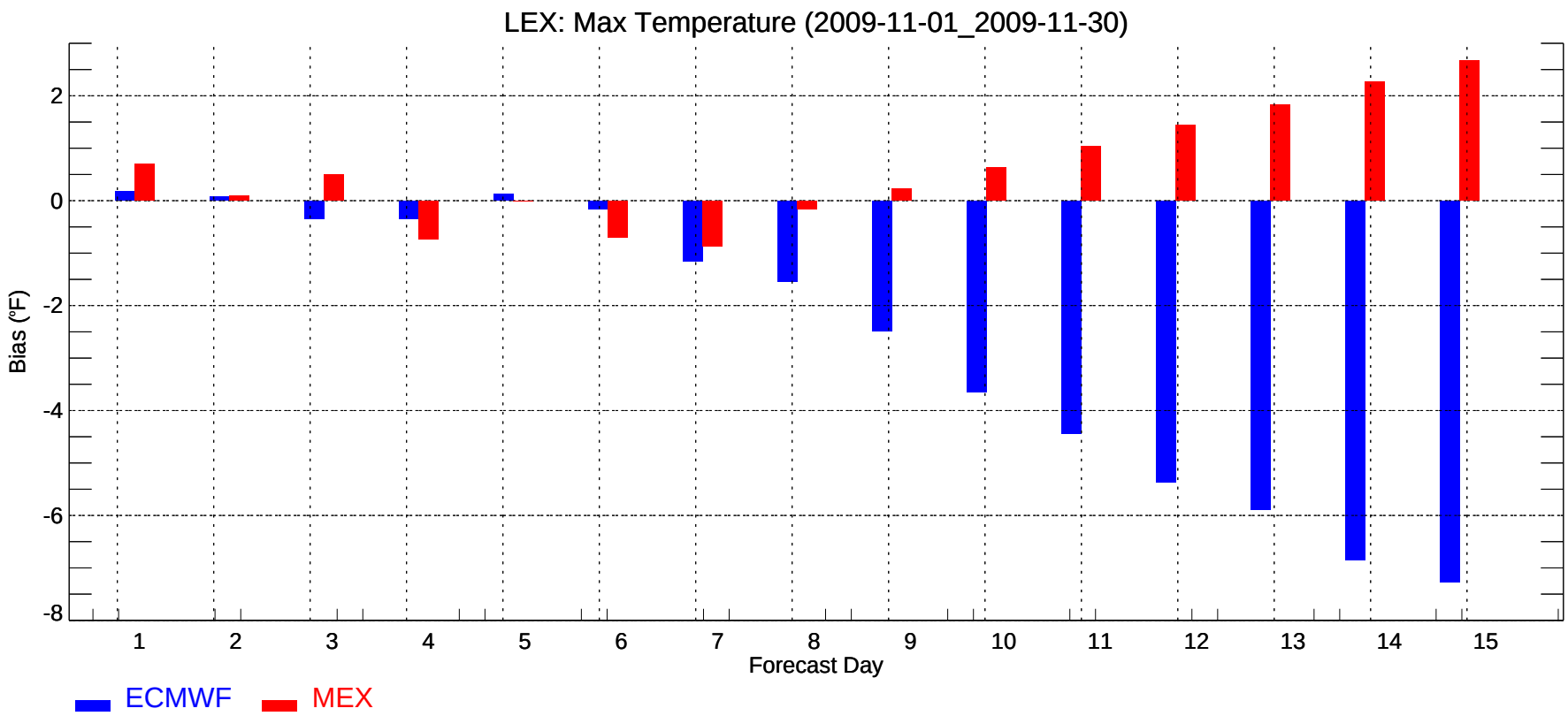
Forecast Day
ECMWF
MEX


LEX: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
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-2
-4
-6
-8
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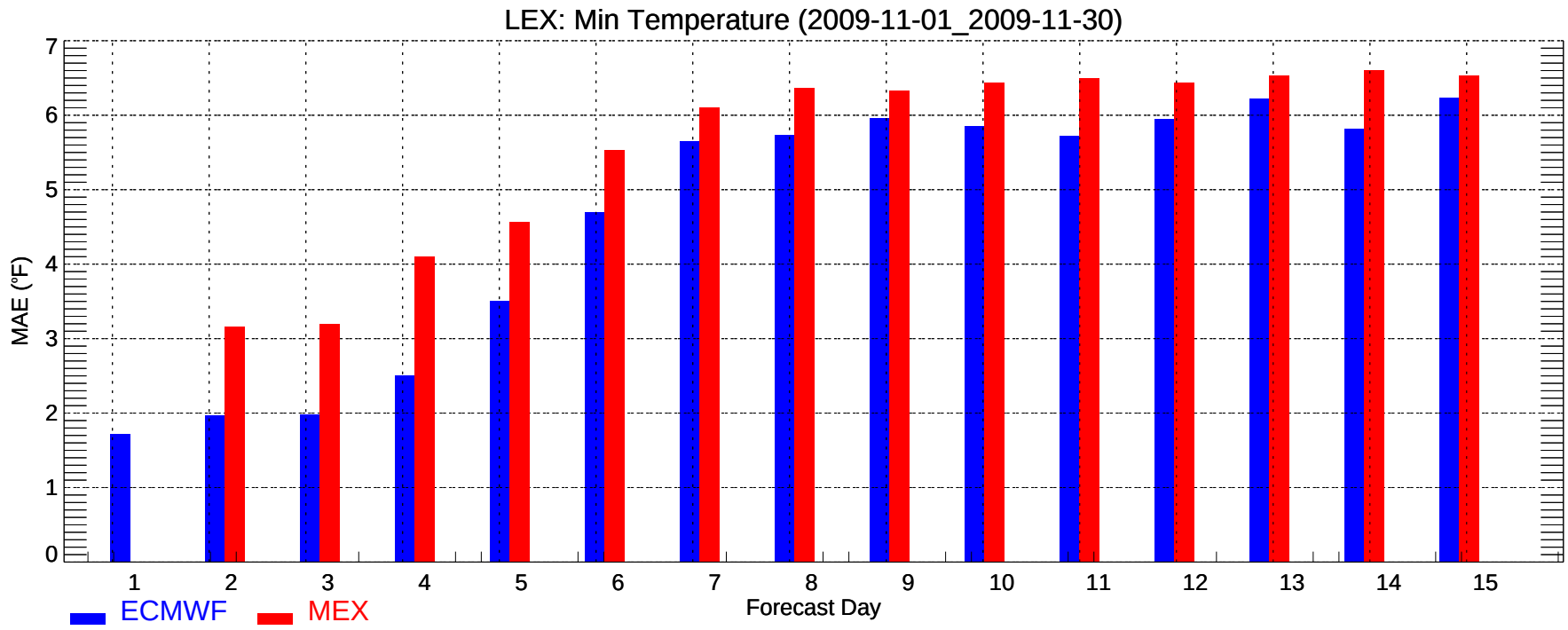
Forecast Day
ECMWF
MEX


LEX: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
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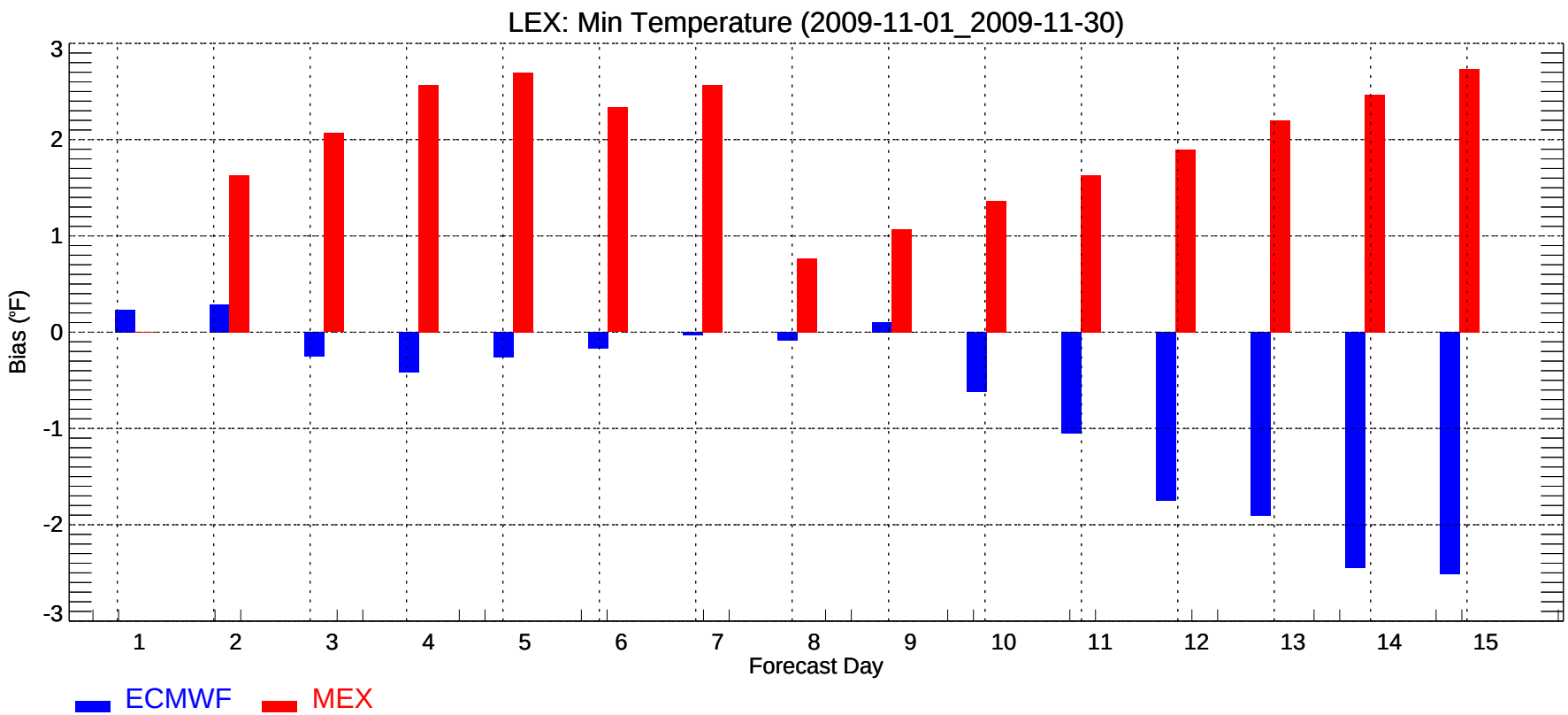
Forecast Day
ECMWF
MEX


LEX: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
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1
0
-1
-2
-3
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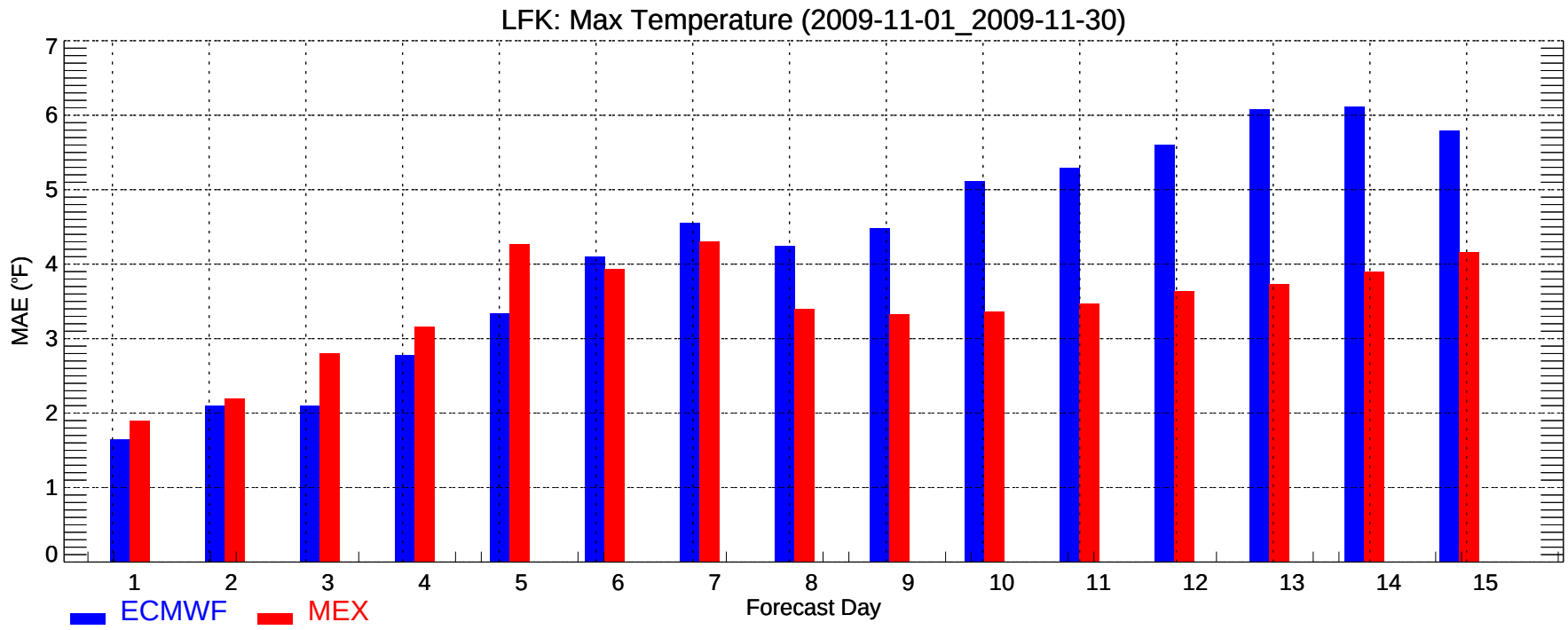
Forecast Day
ECMWF
MEX


LFK: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
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1
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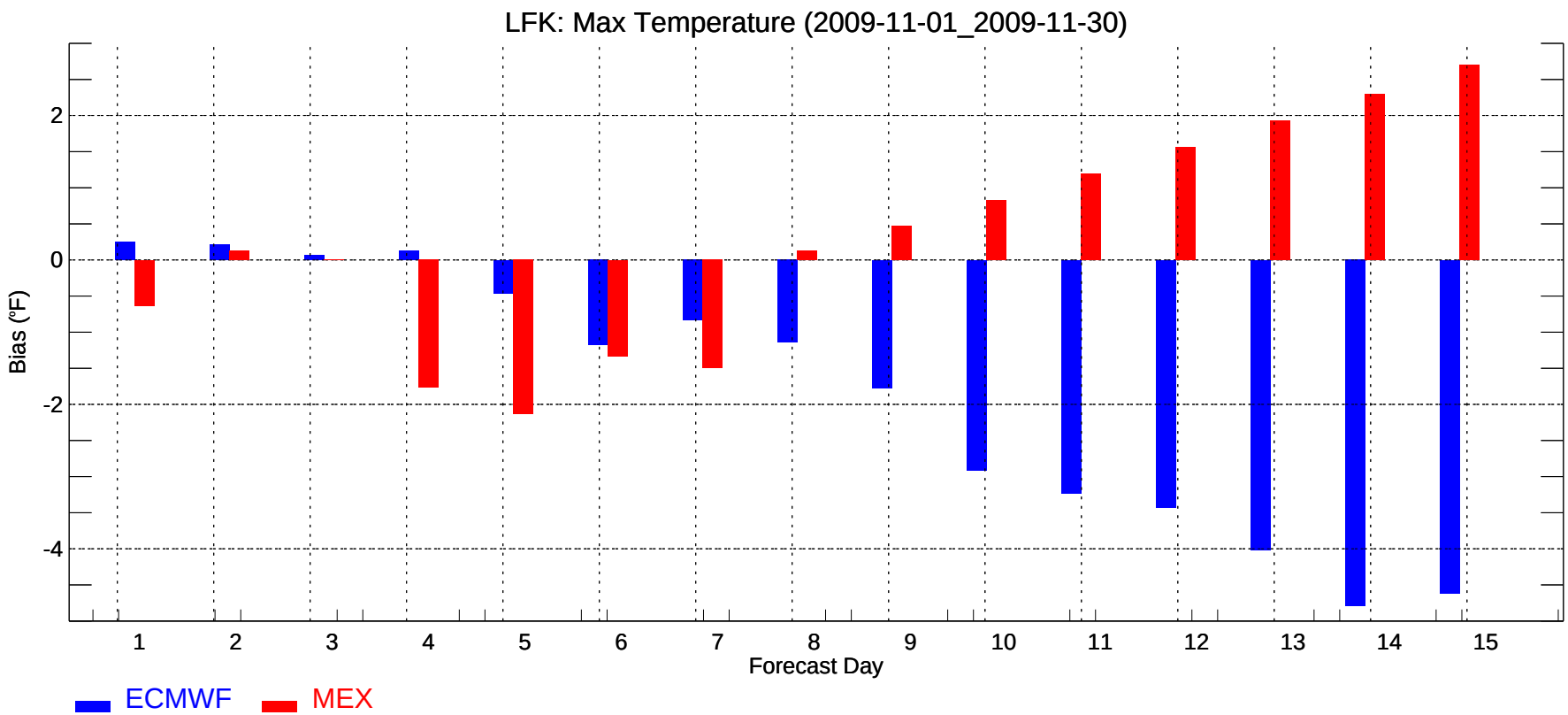
Forecast Day
ECMWF
MEX


LFK: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
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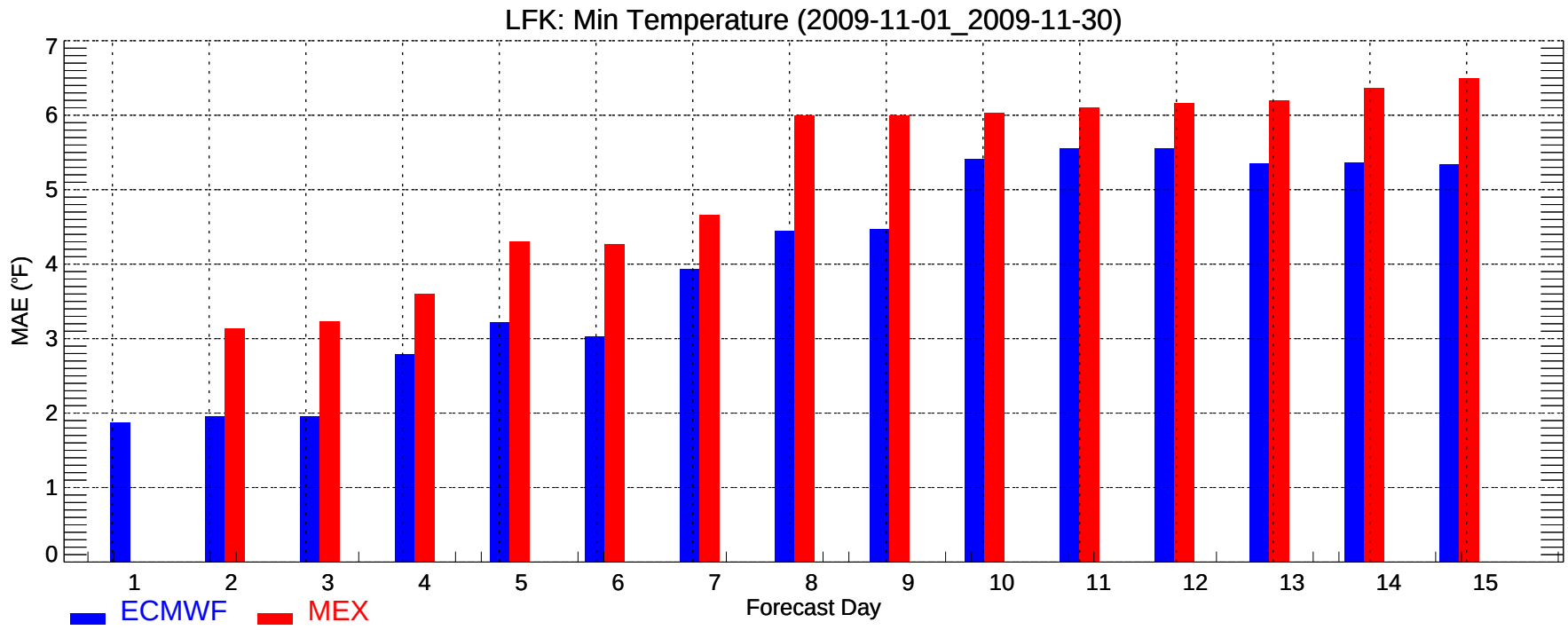
Forecast Day
ECMWF
MEX


LFK: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
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6
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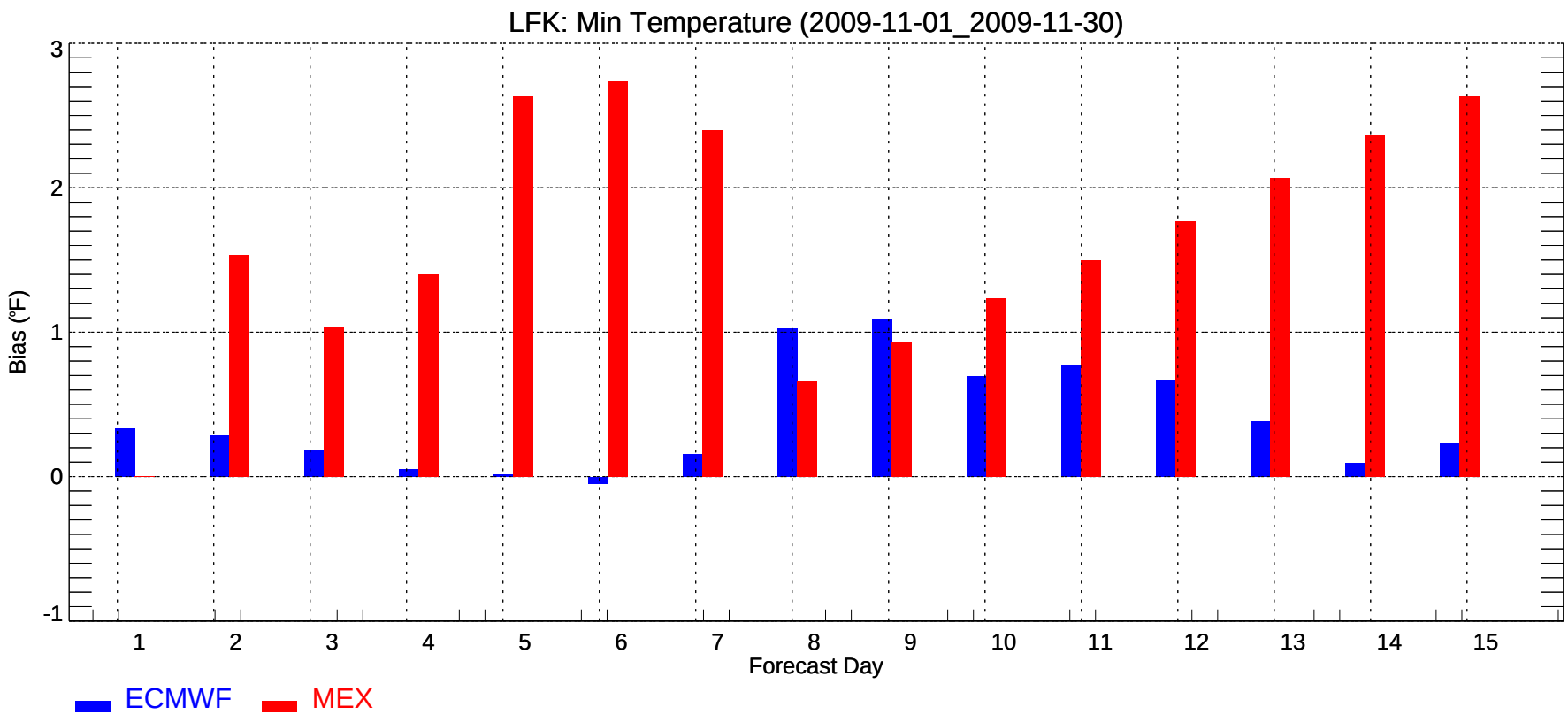
Forecast Day
ECMWF
MEX


LFK: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
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1
2
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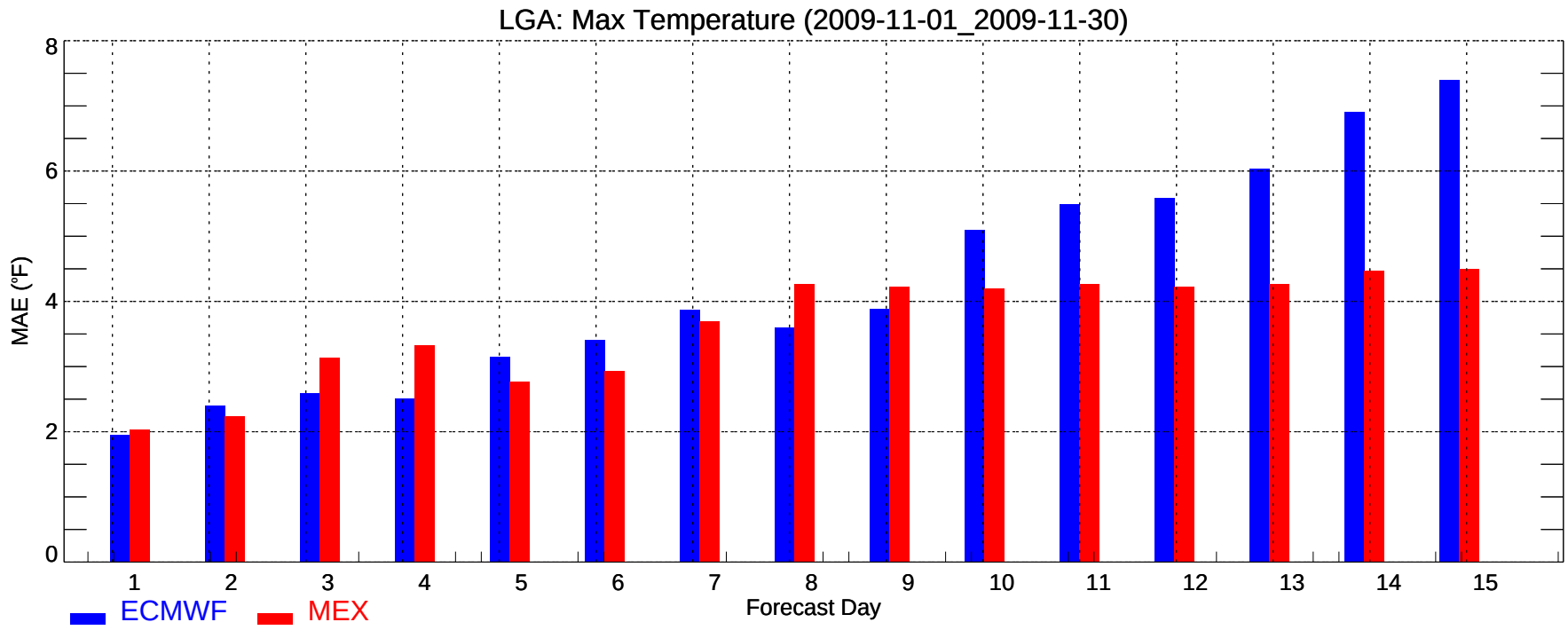
Forecast Day
ECMWF
MEX


LGA: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
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6
7
8
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11
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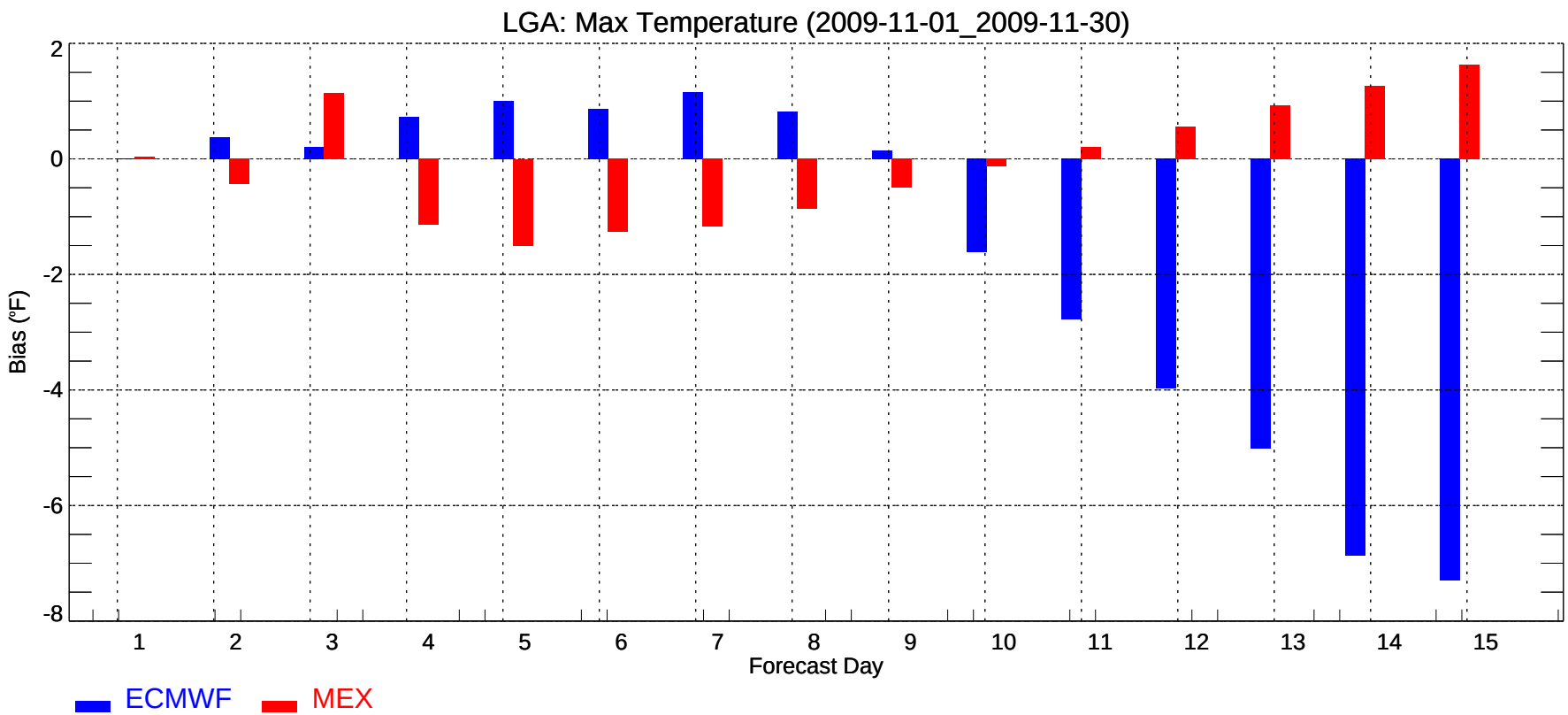
13
14
15
Forecast Day
ECMWF
MEX


LGA: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
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-2
-4
-6
-8
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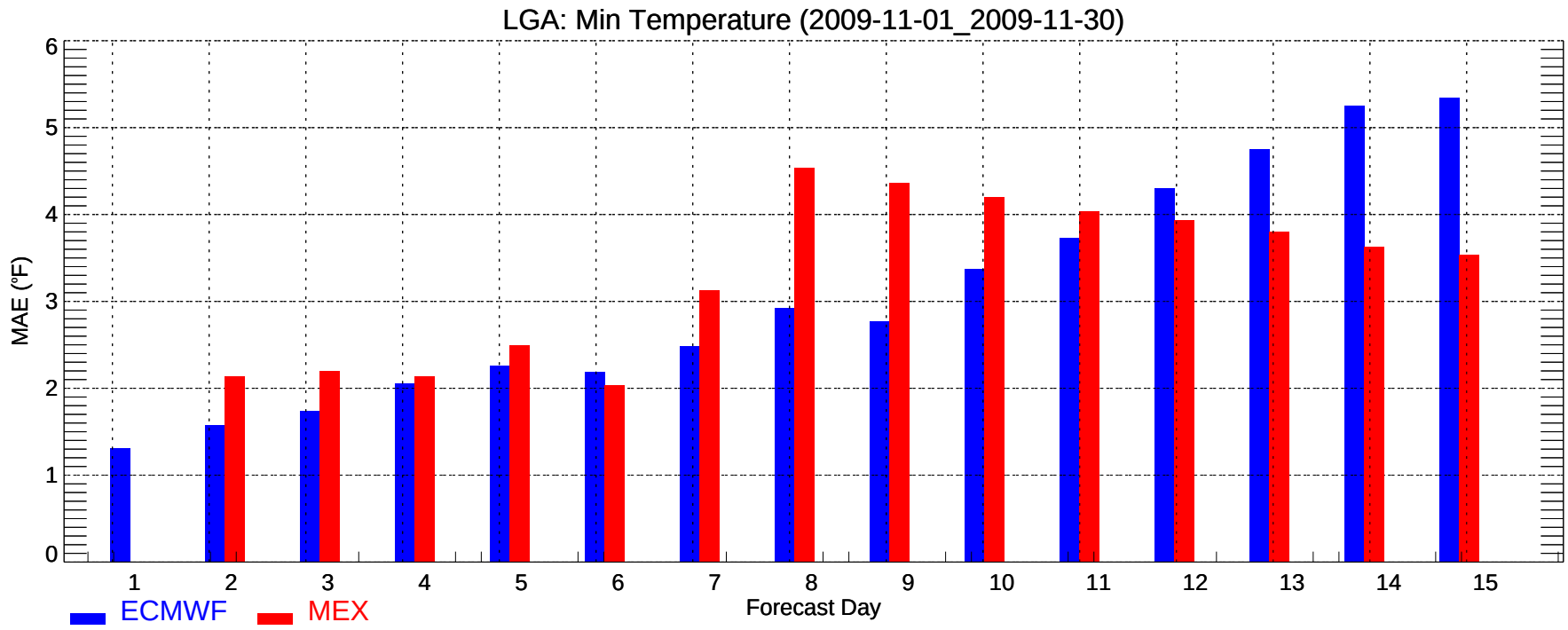
Forecast Day
ECMWF
MEX


LGA: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
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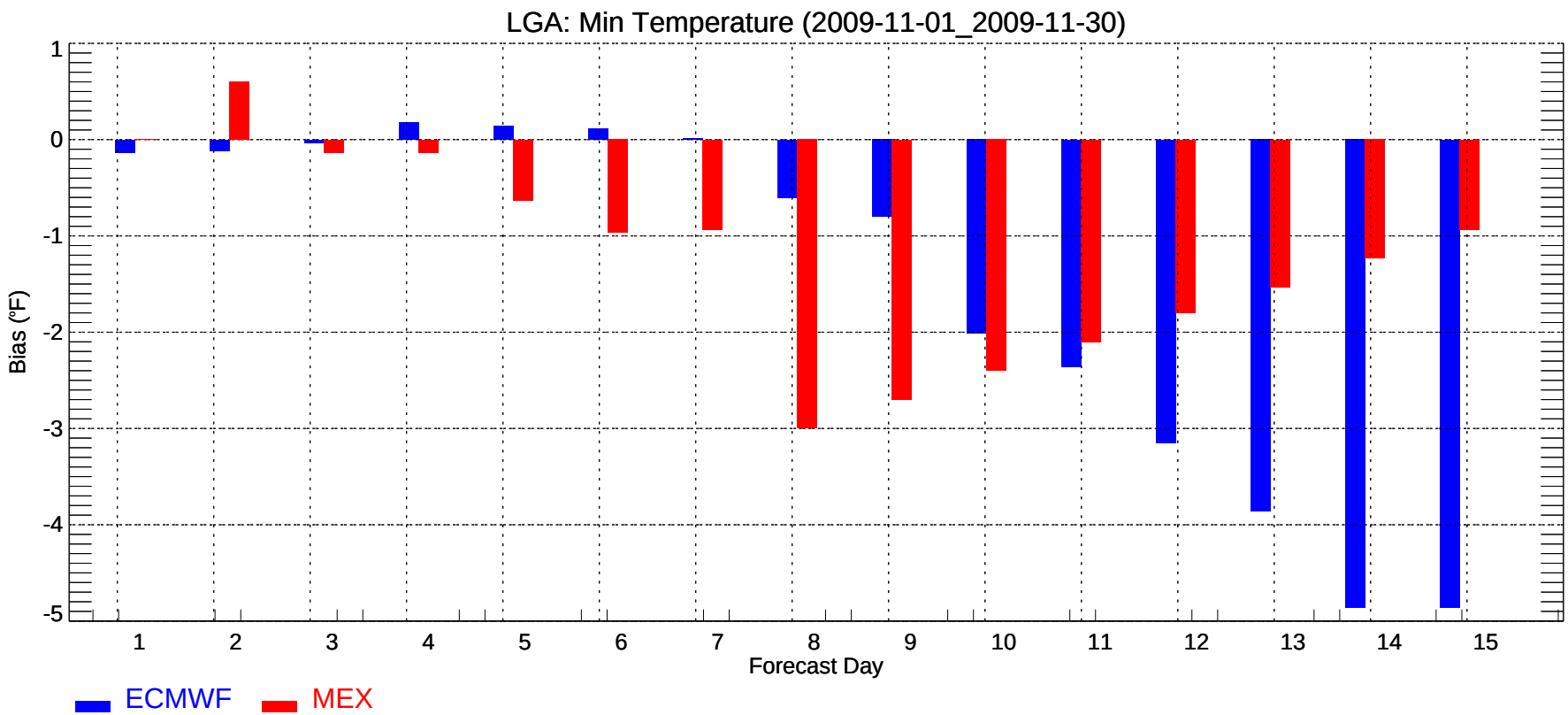
Forecast Day
ECMWF
MEX


LGA: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
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-1
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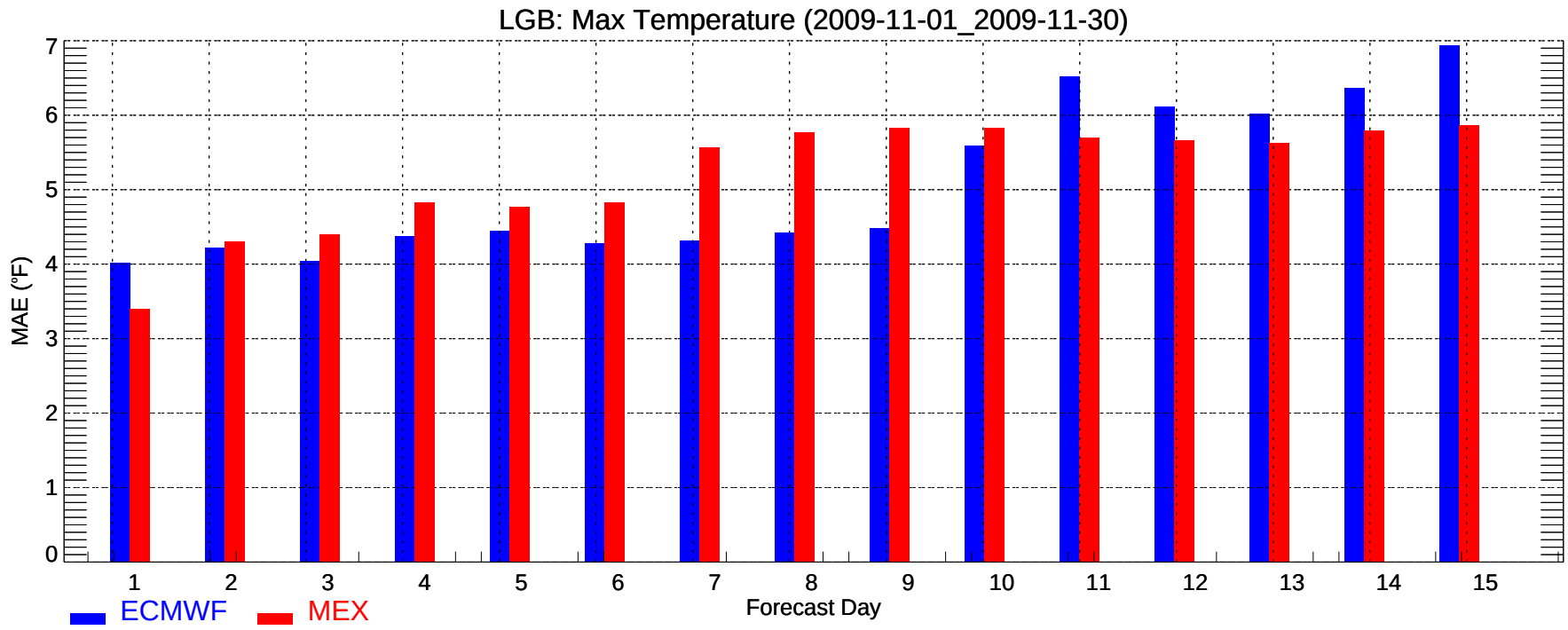
Forecast Day
ECMWF
MEX


LGB: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
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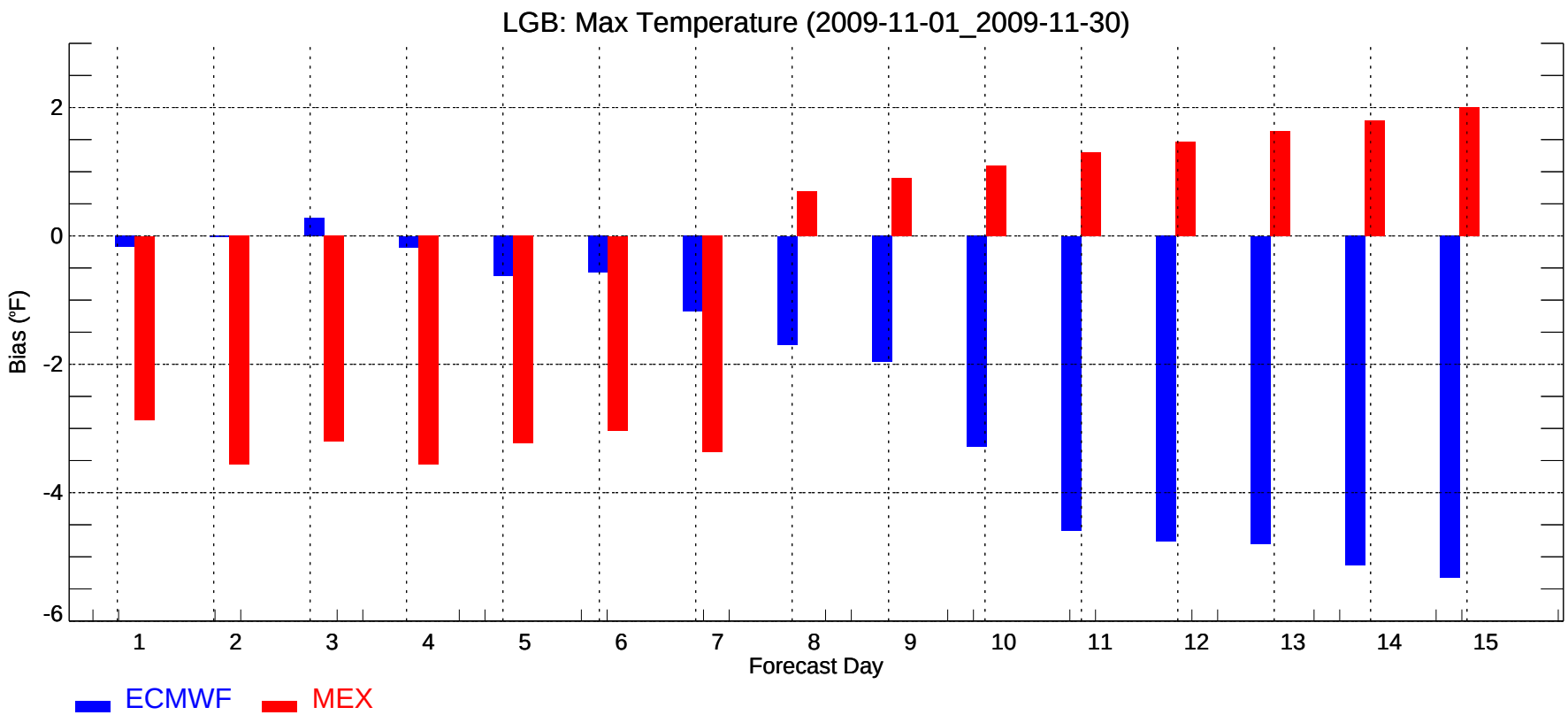
Forecast Day
ECMWF
MEX


LGB: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
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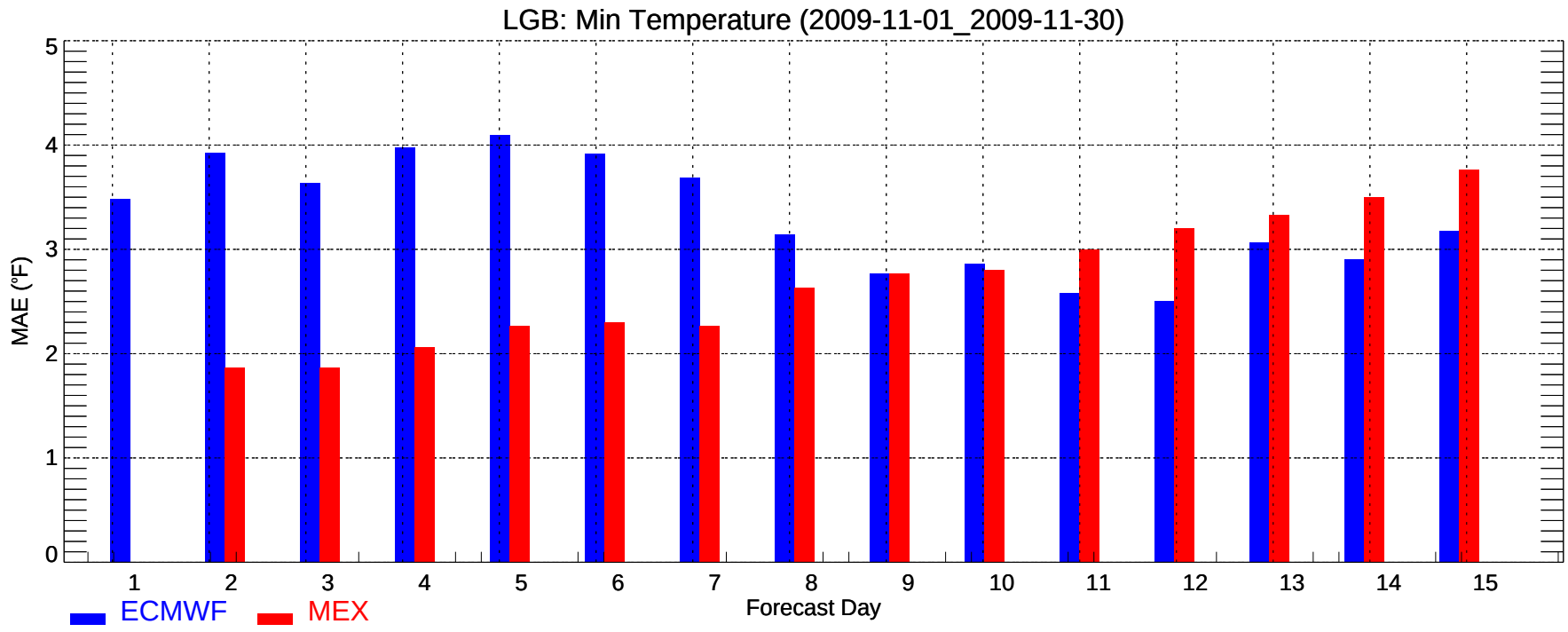
Forecast Day
ECMWF
MEX


LGB: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
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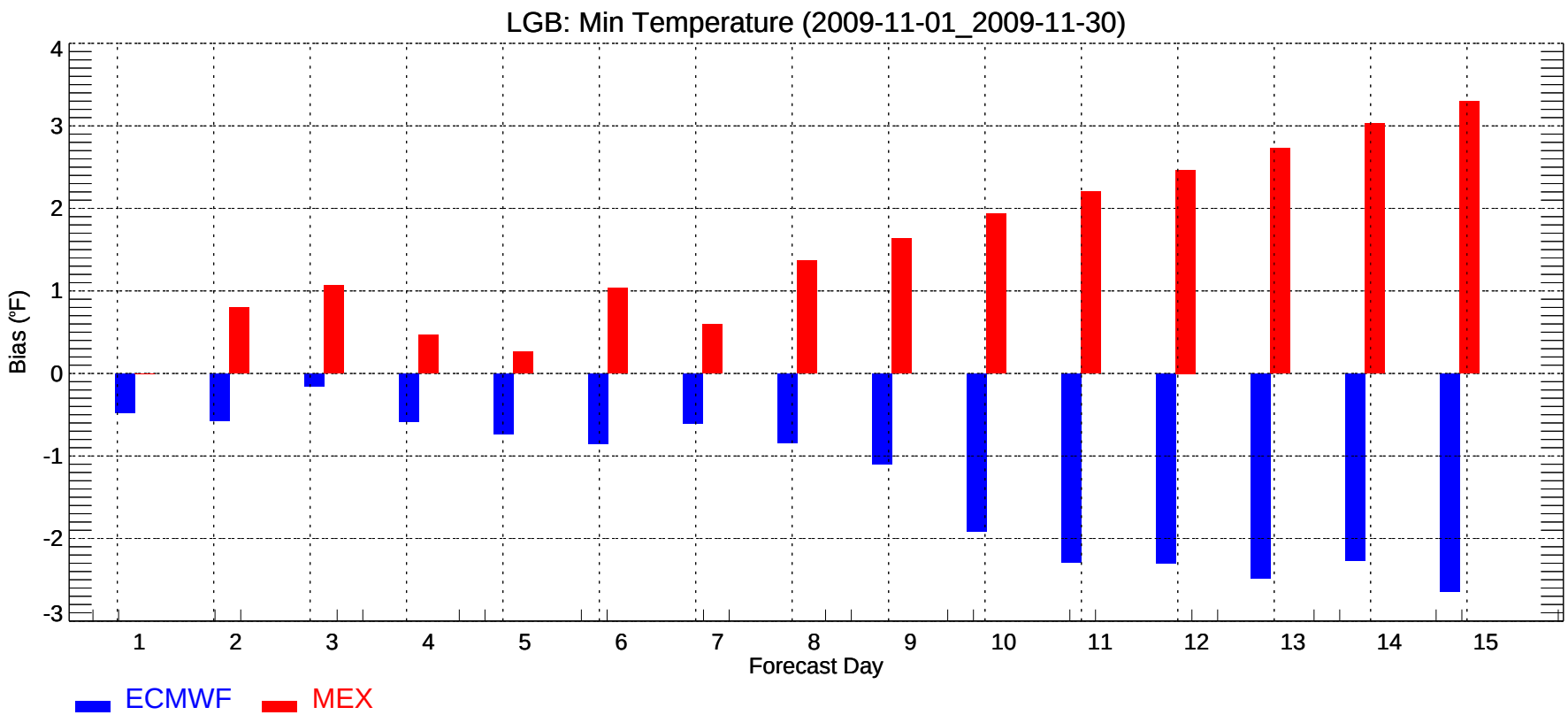
Forecast Day
ECMWF
MEX


LGB: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
3
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-1
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-3
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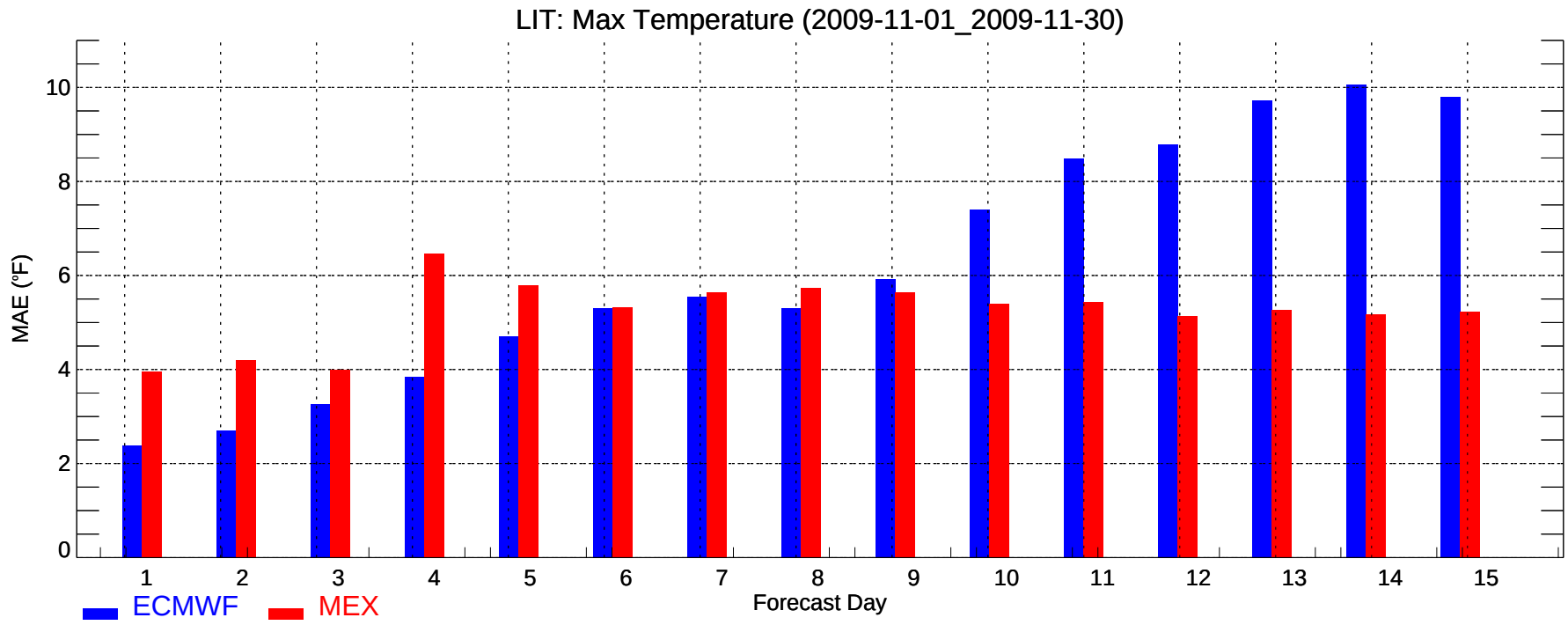
Forecast Day
ECMWF
MEX


LIT: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
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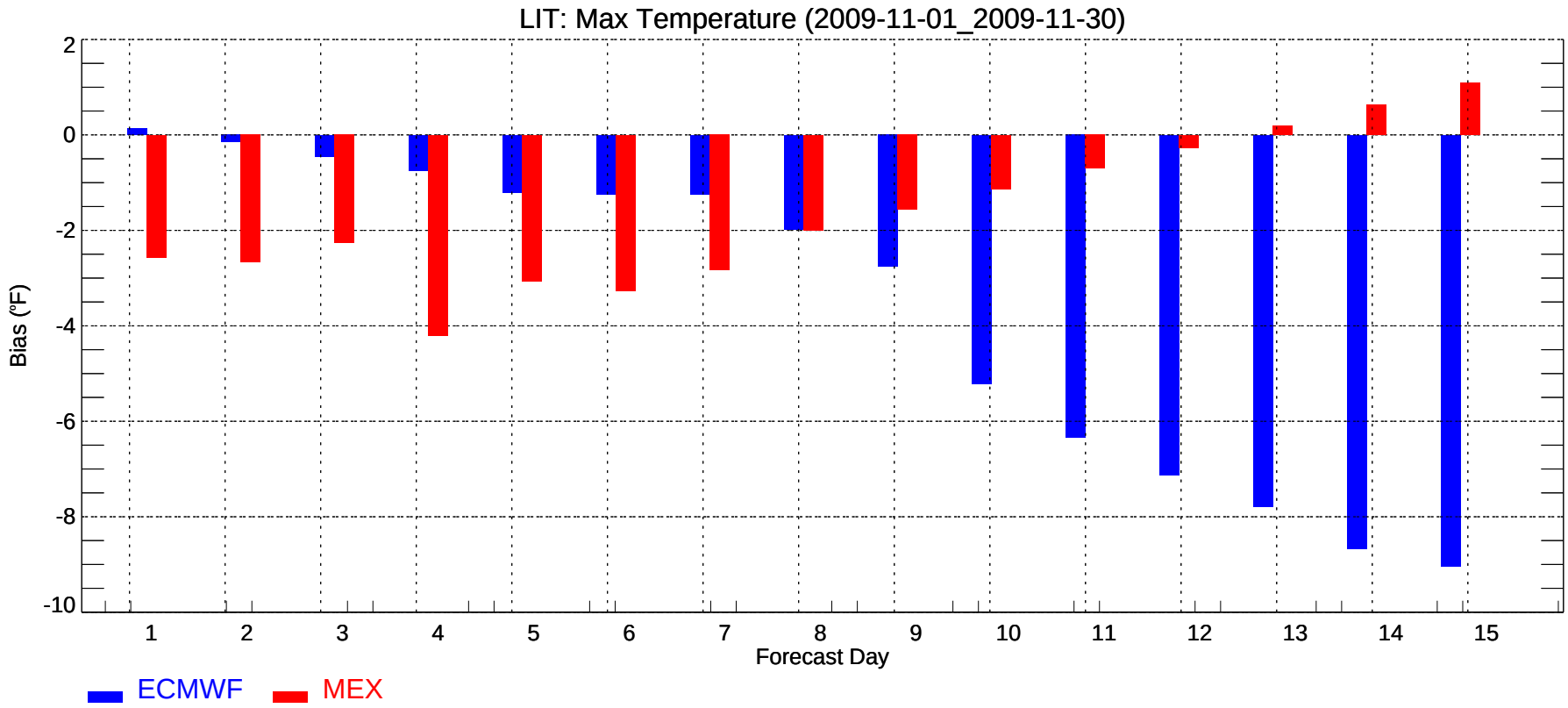
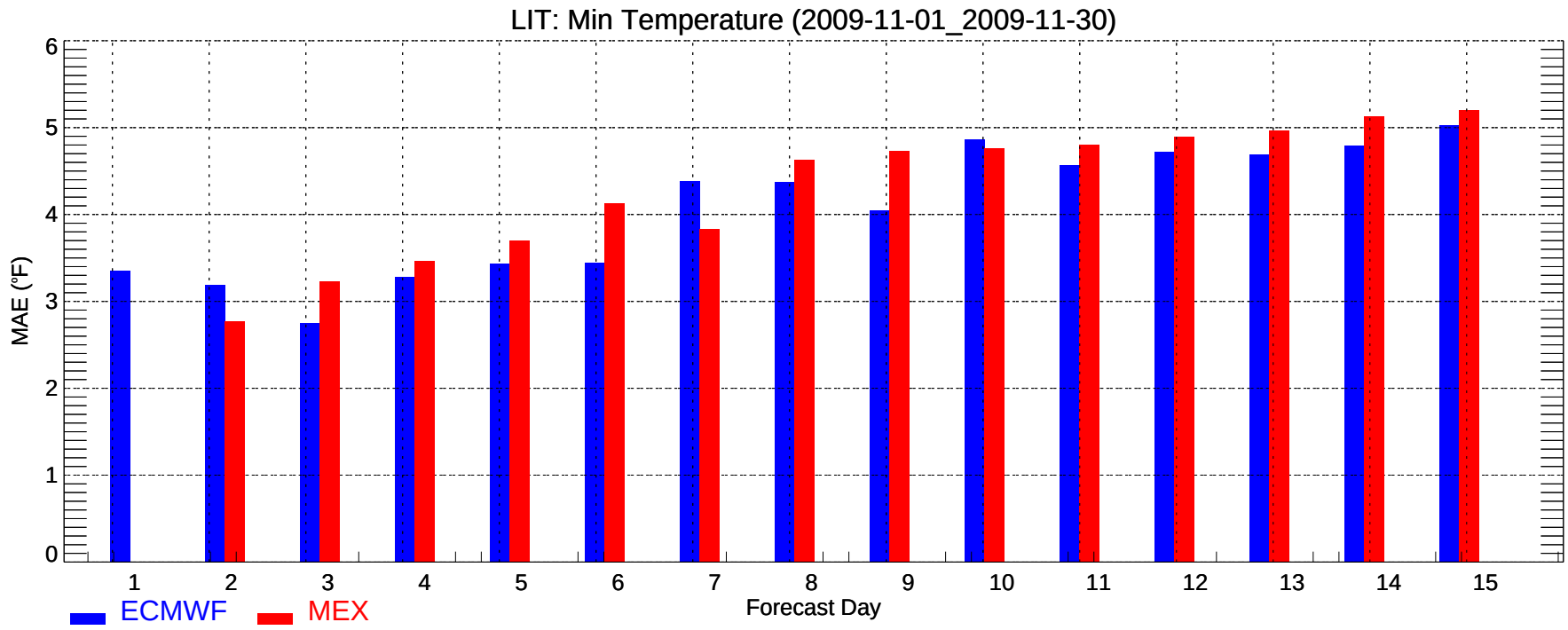
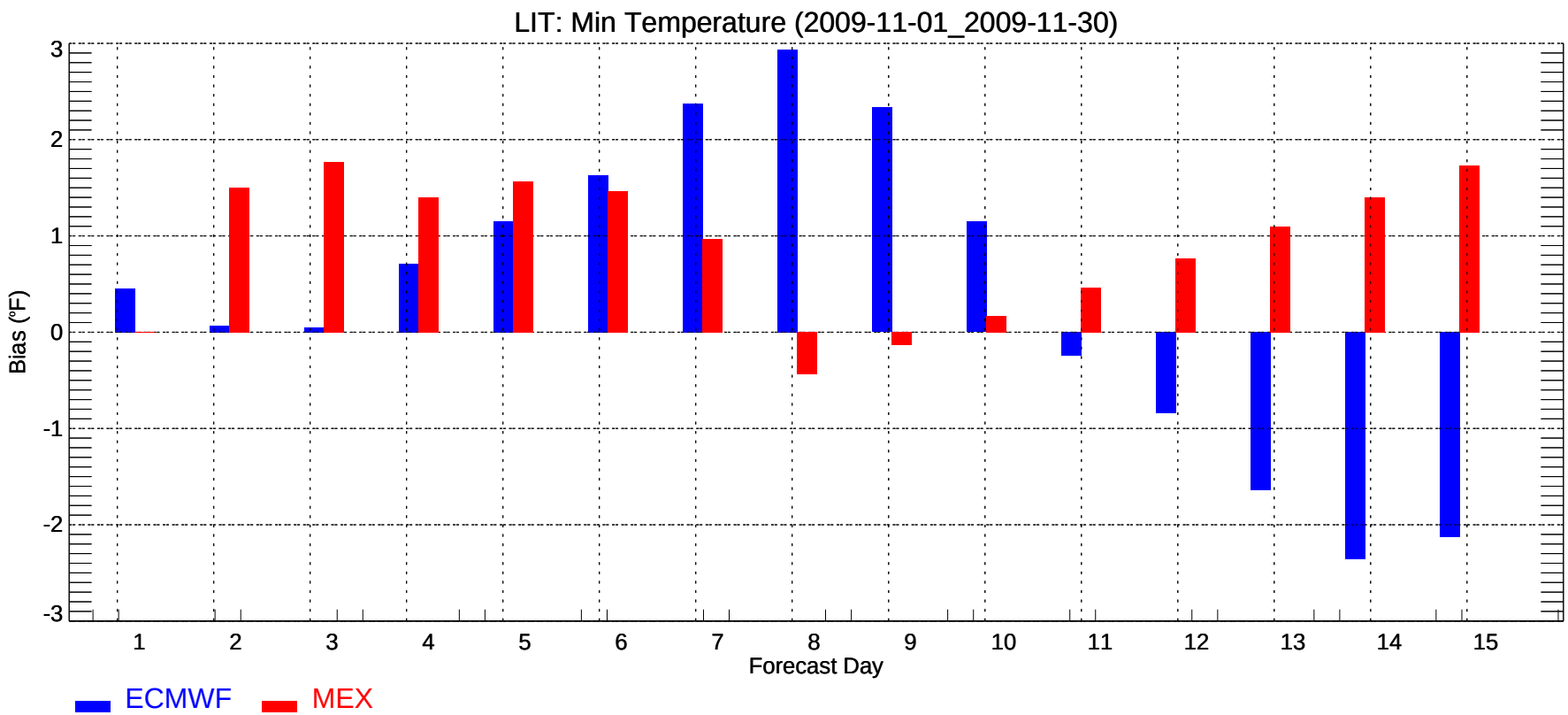
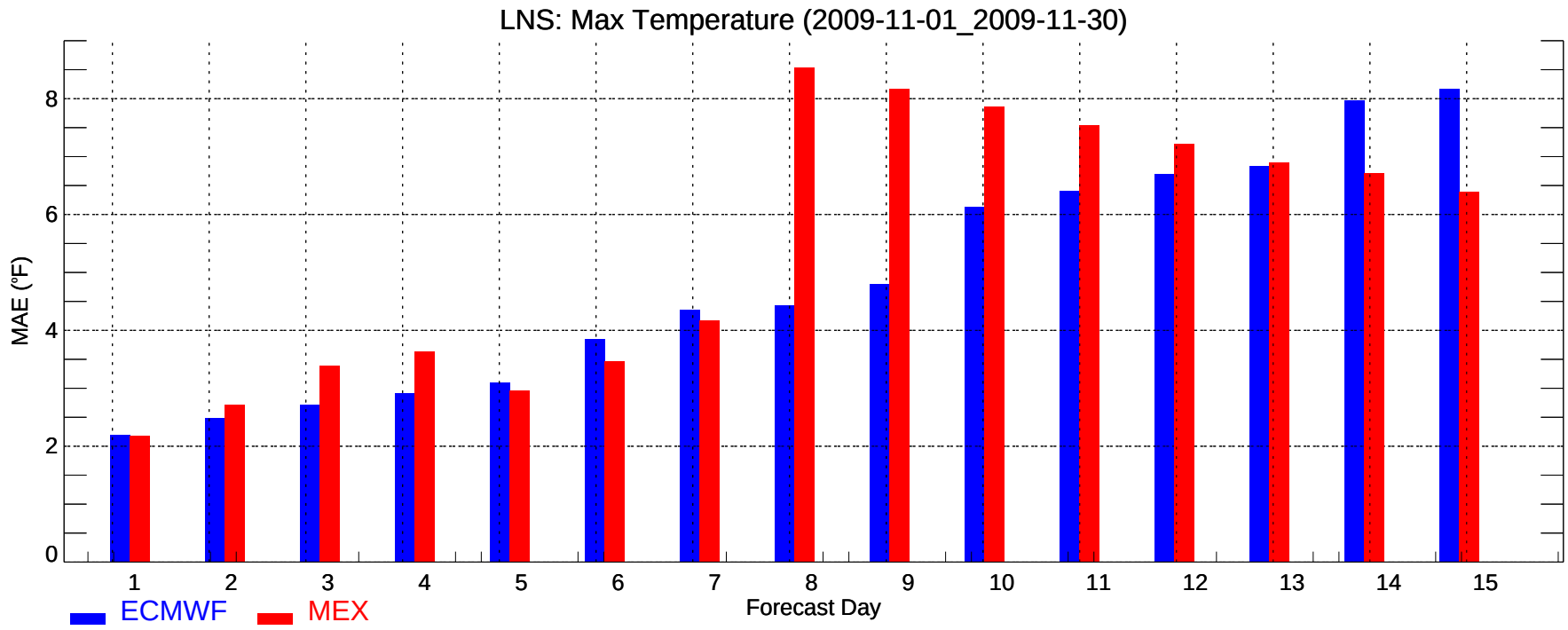
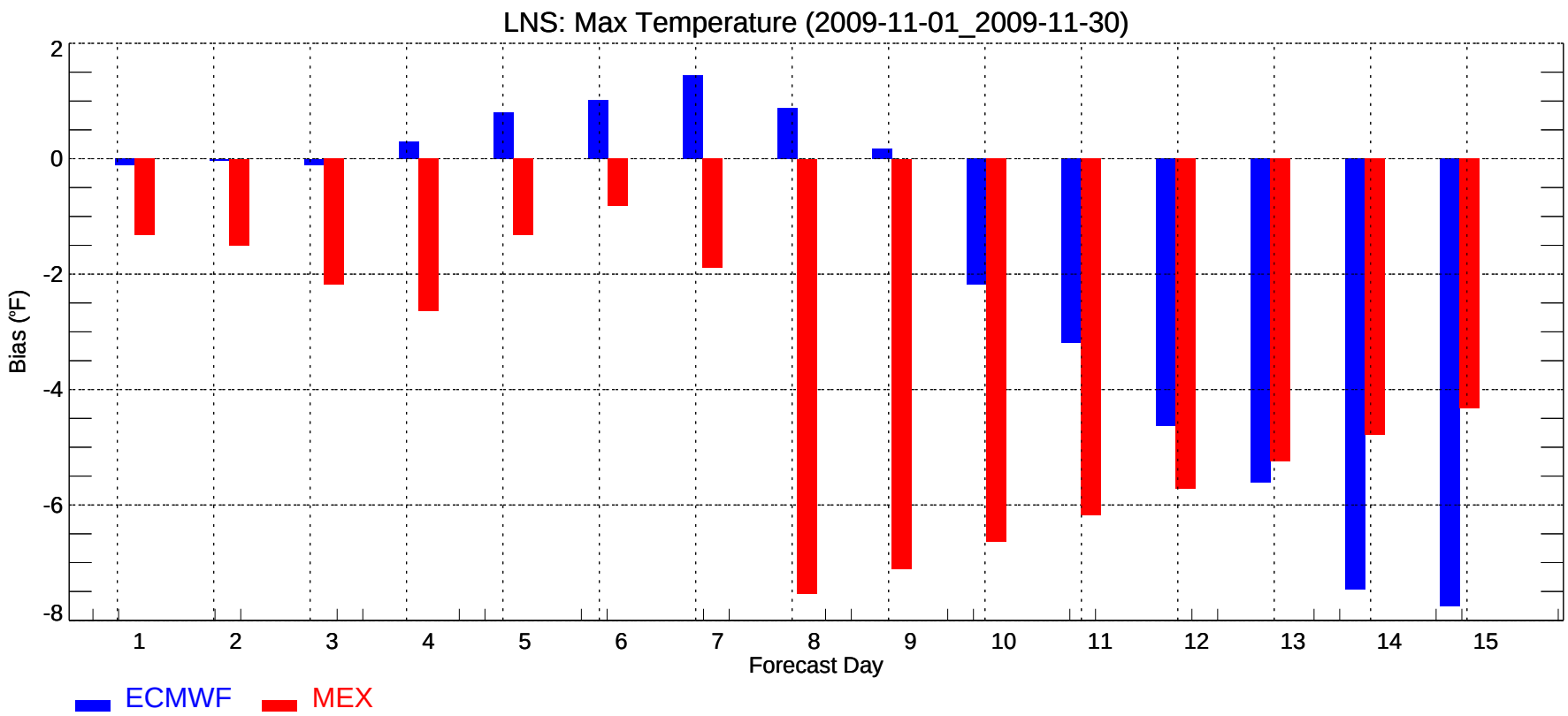
15
Forecast Day
ECMWF
MEX

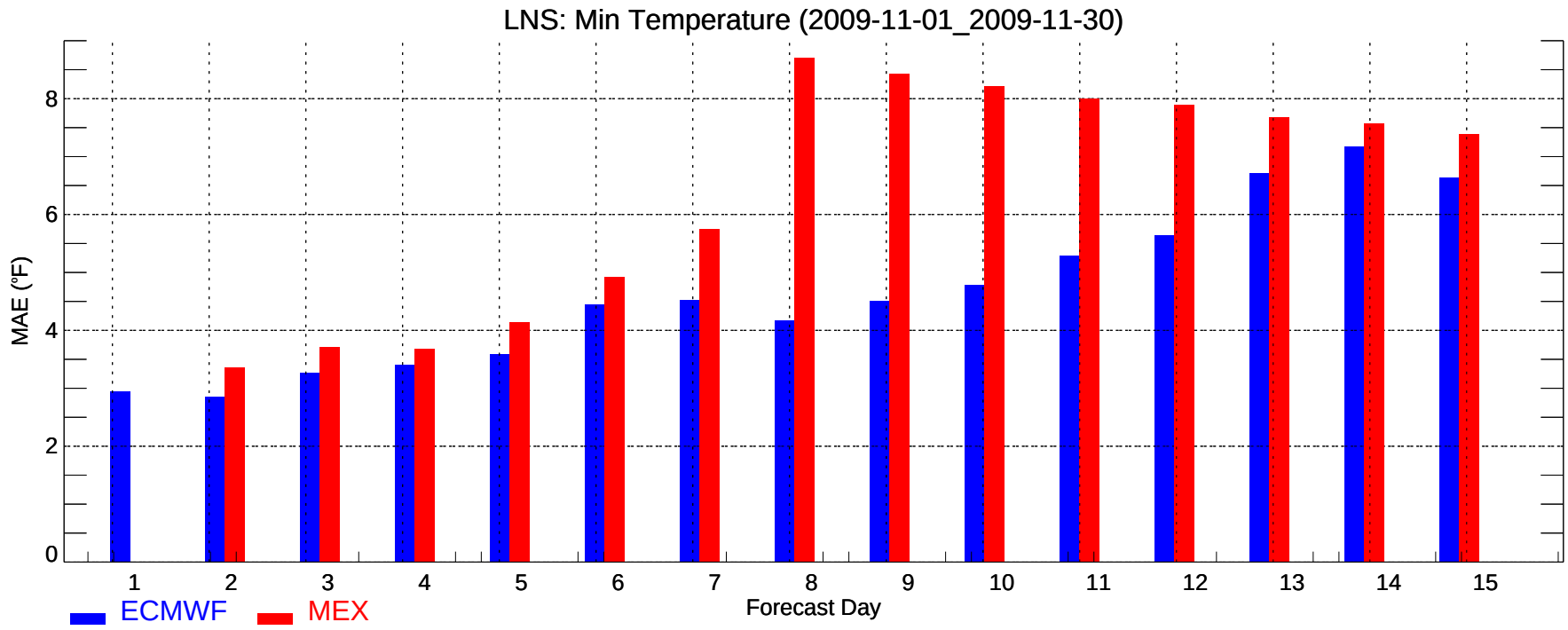

LIT: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

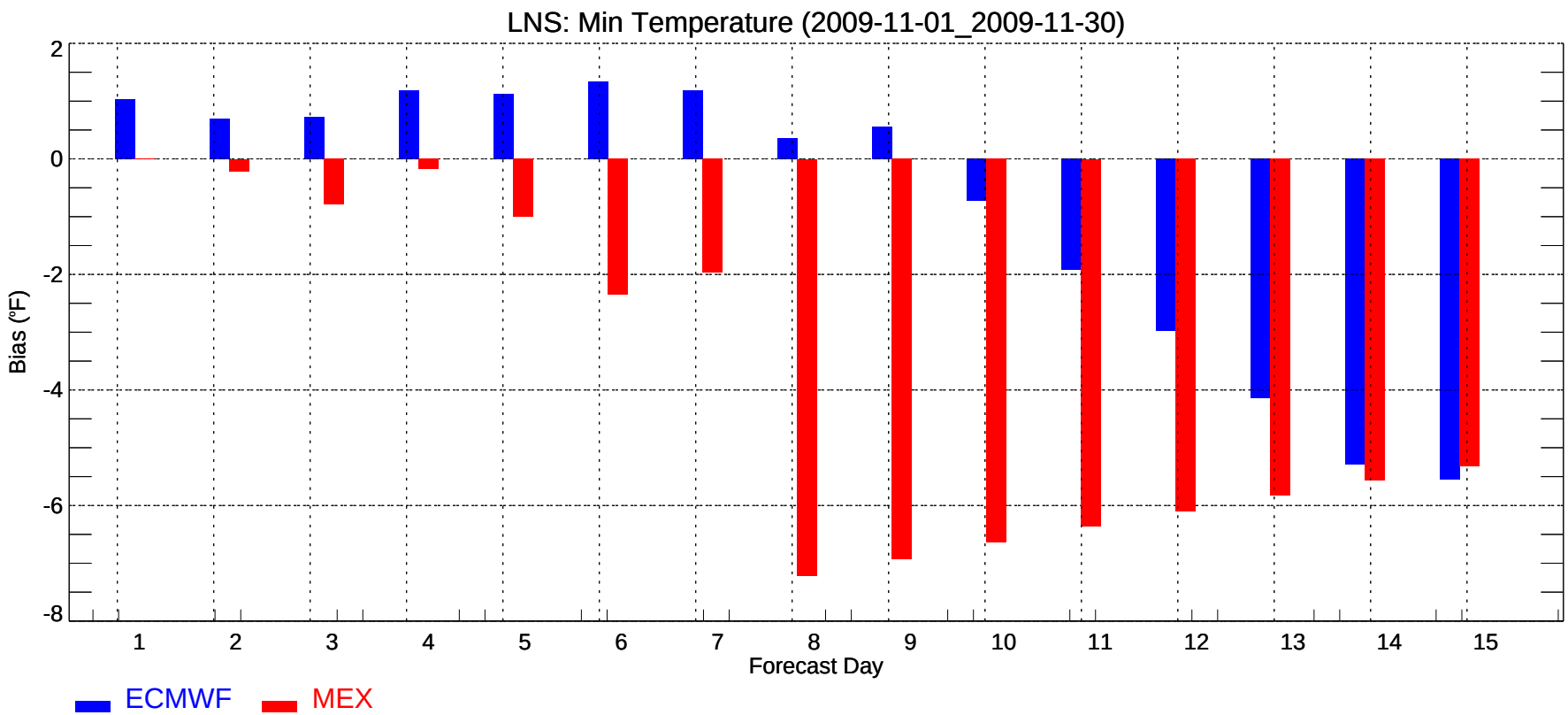

LIT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

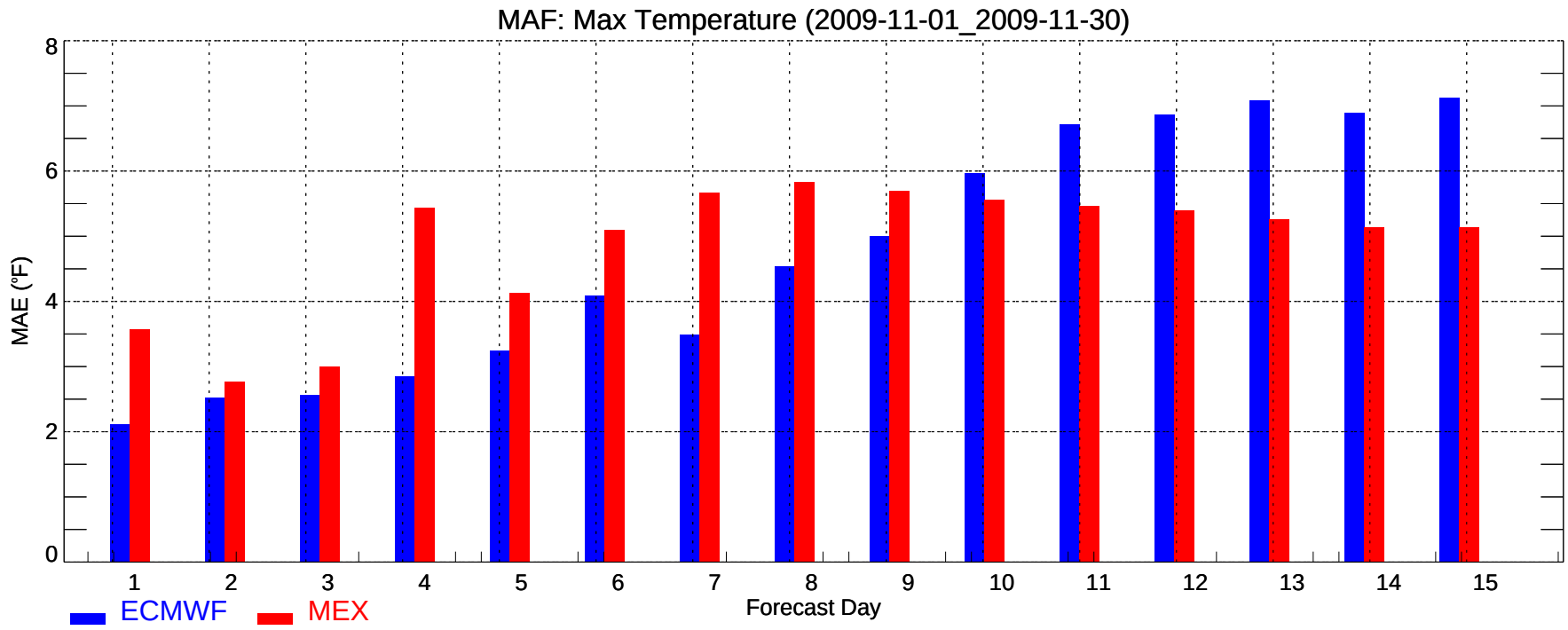

LIT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

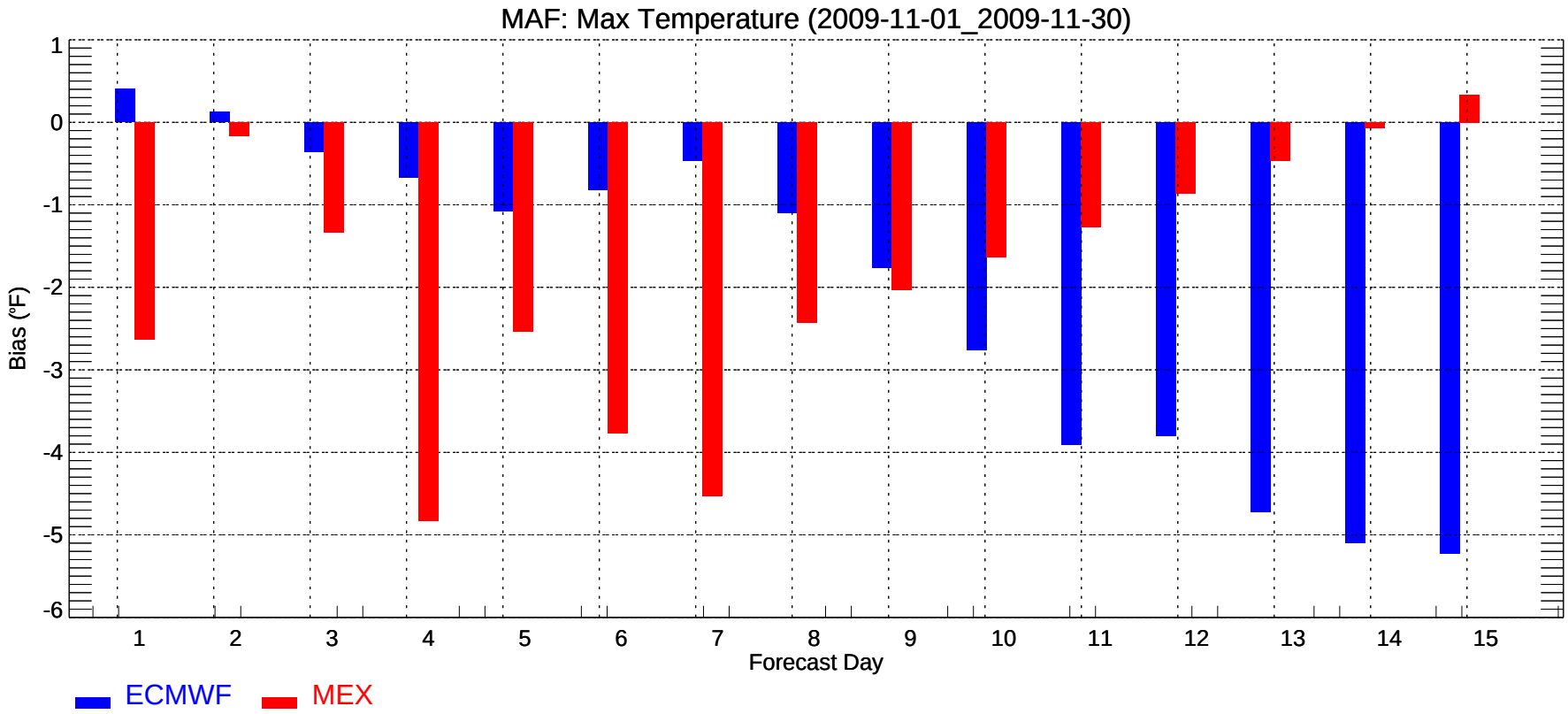

LNS: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

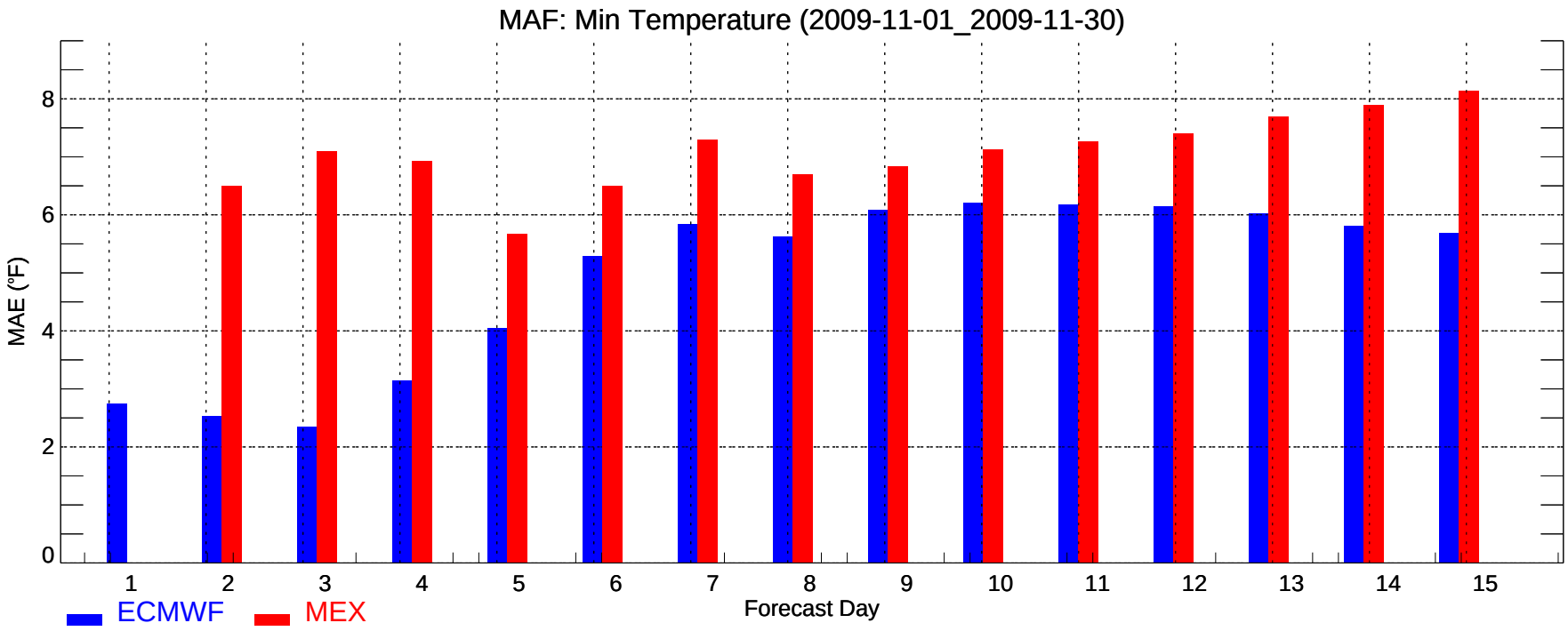

LNS: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

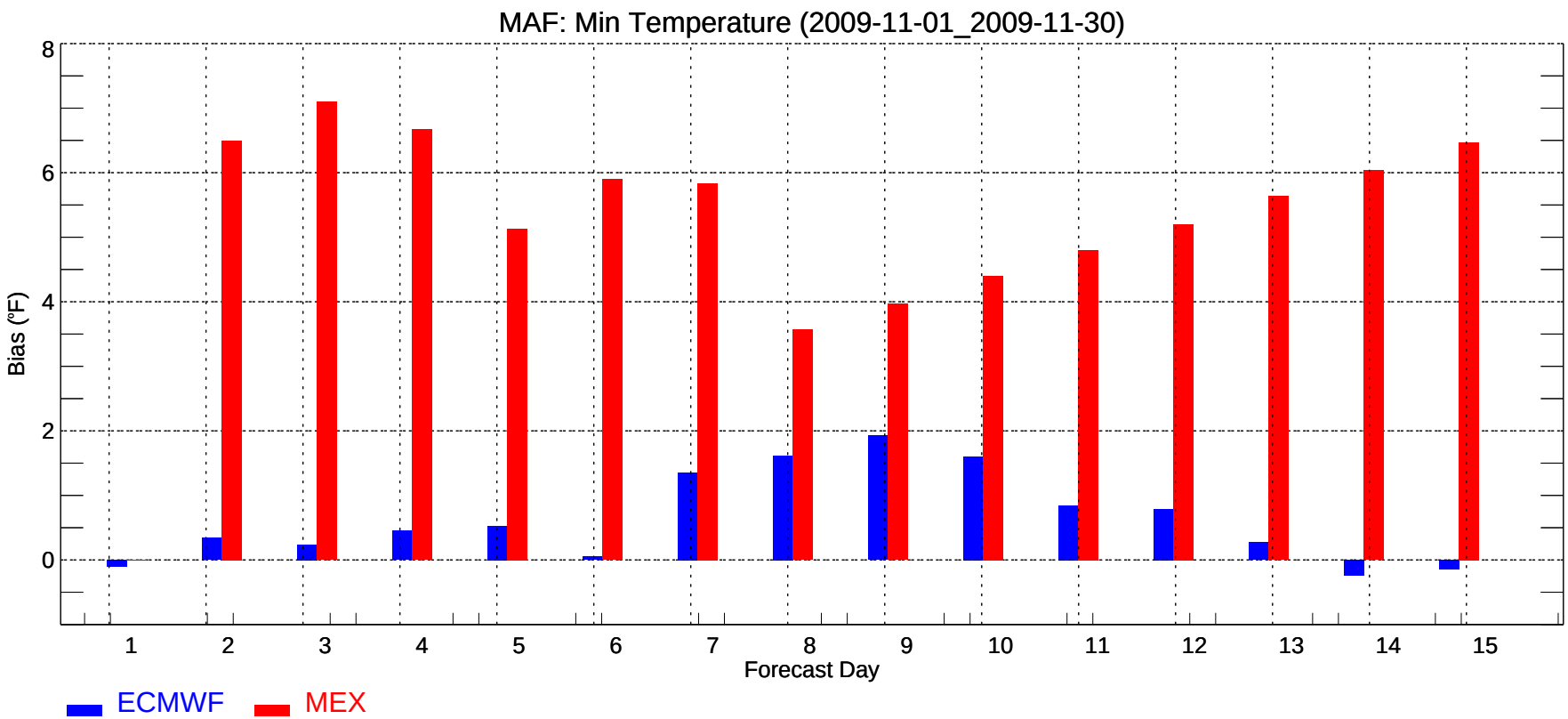

LNS: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

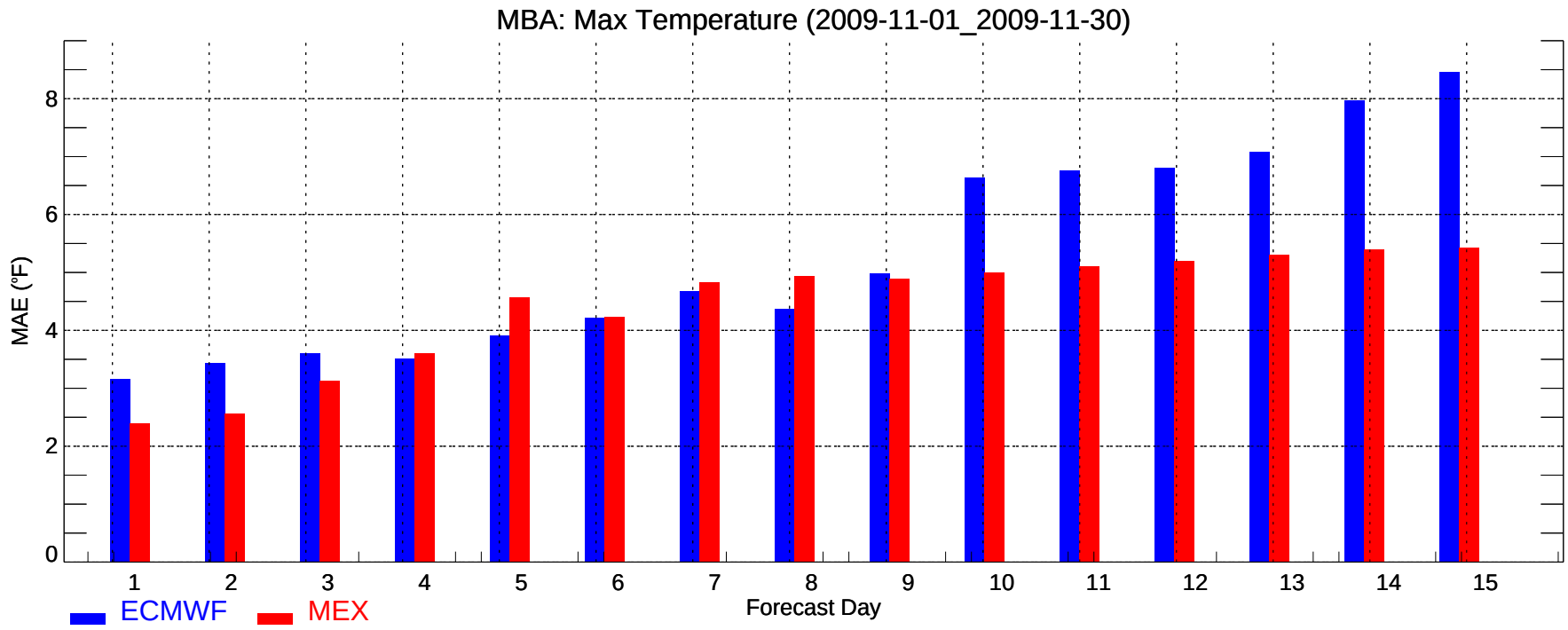

LNS: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

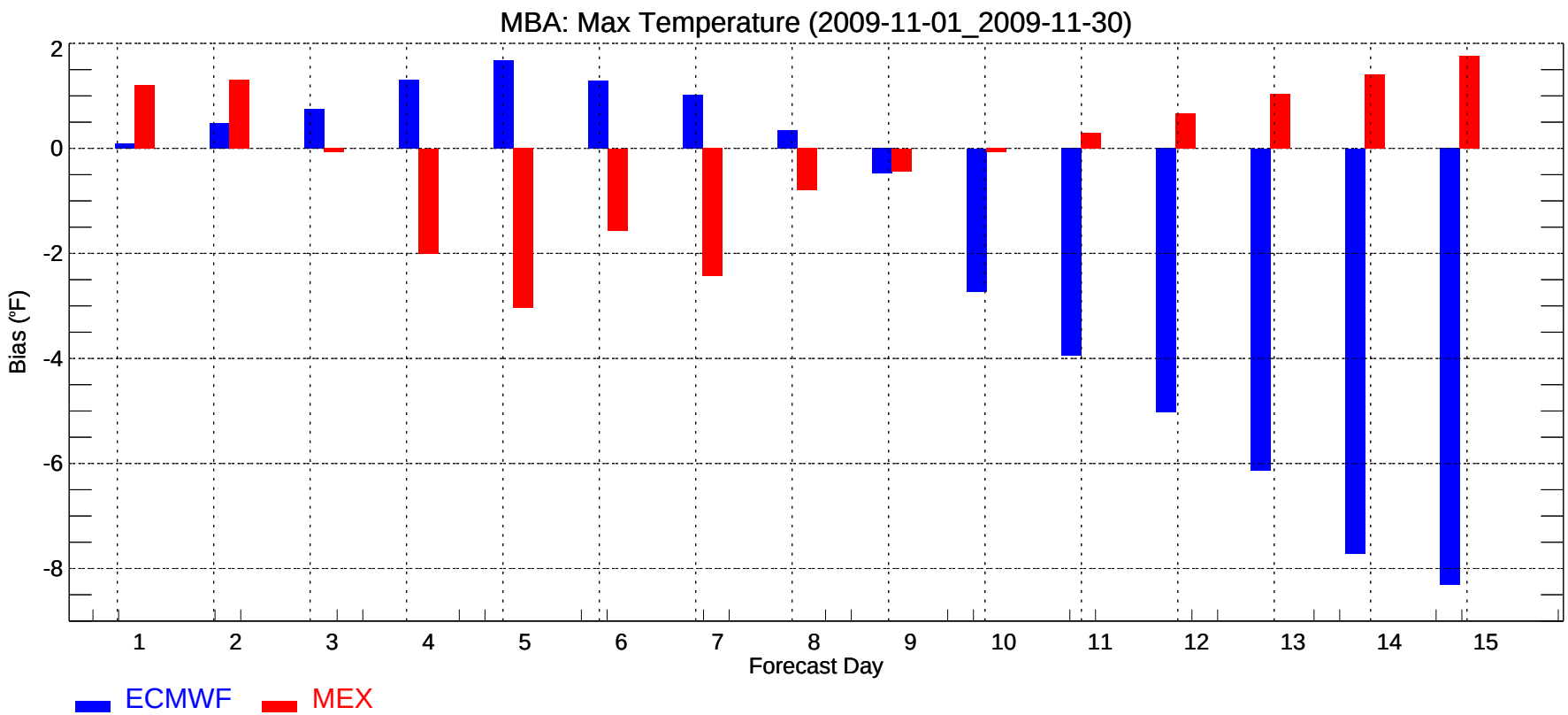

MAF: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

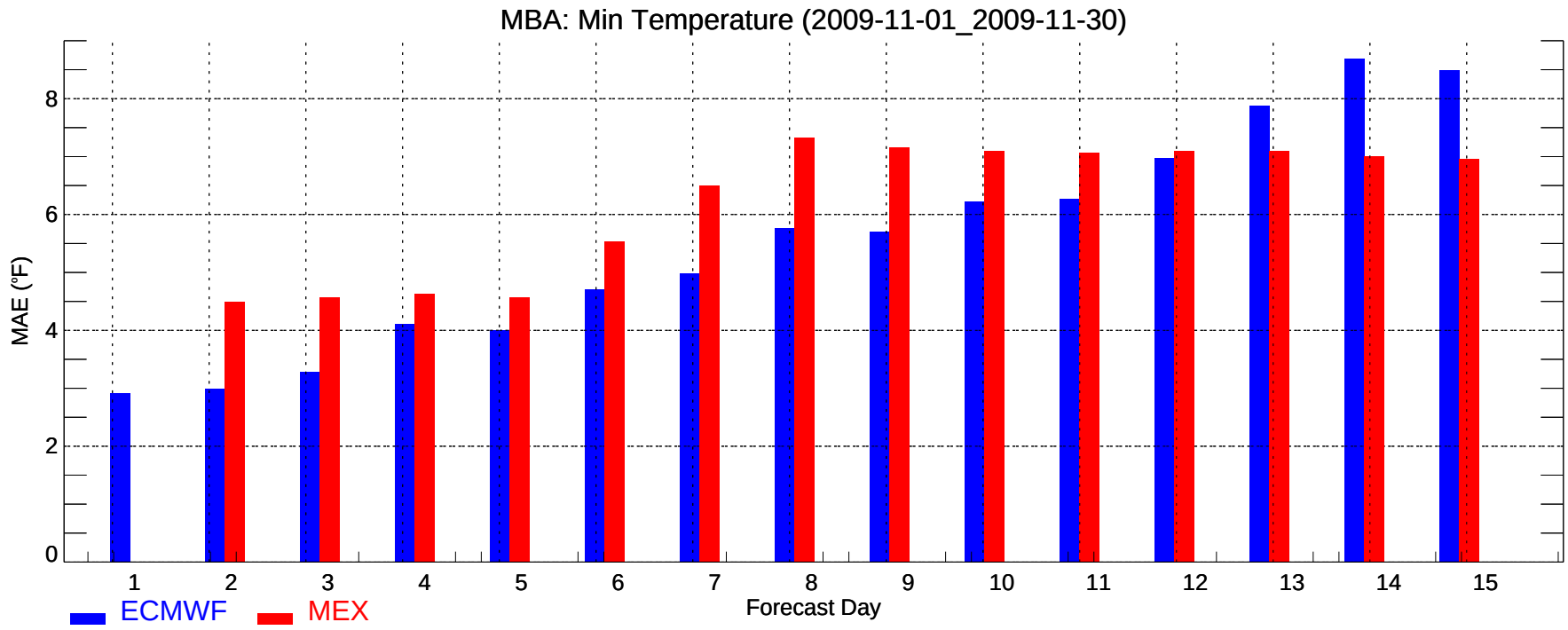

MAF: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

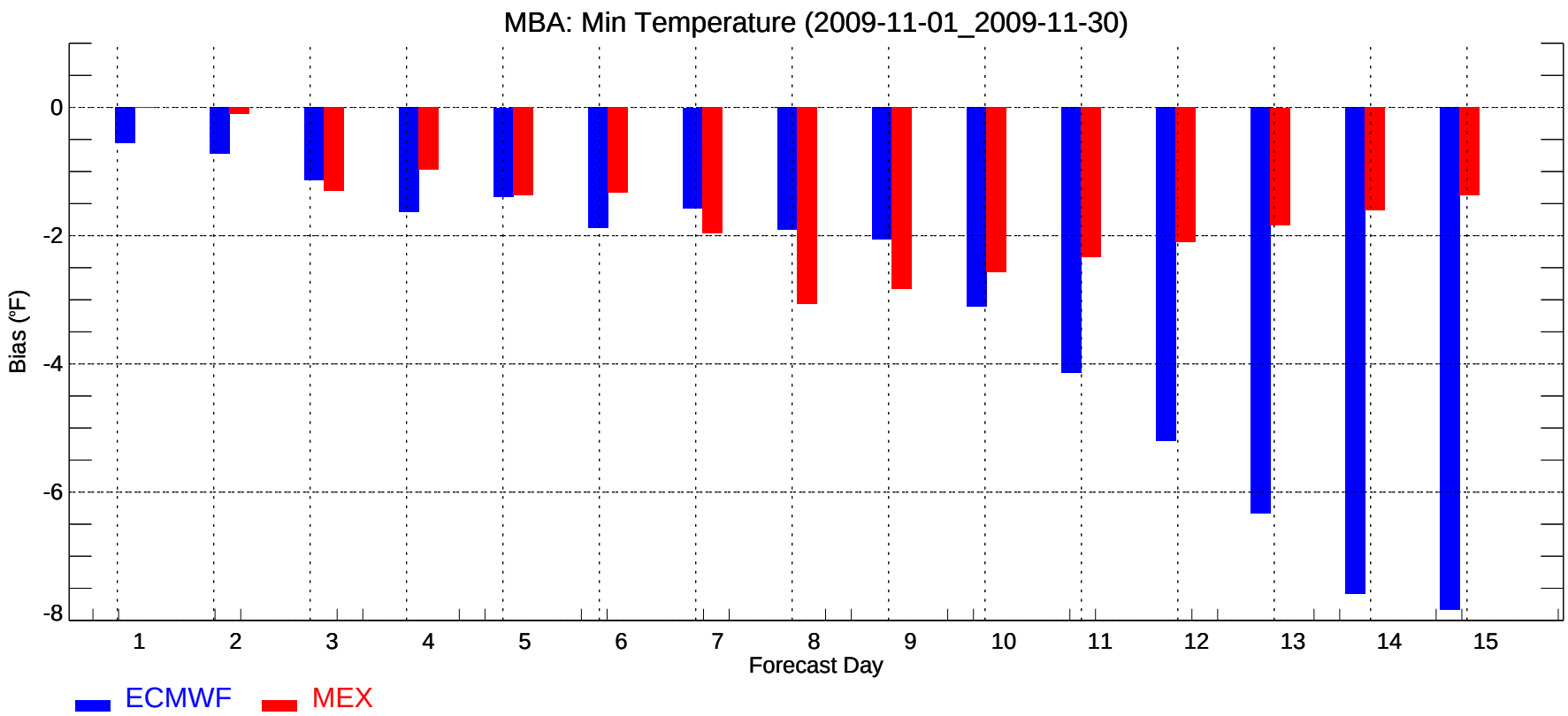

MAF: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

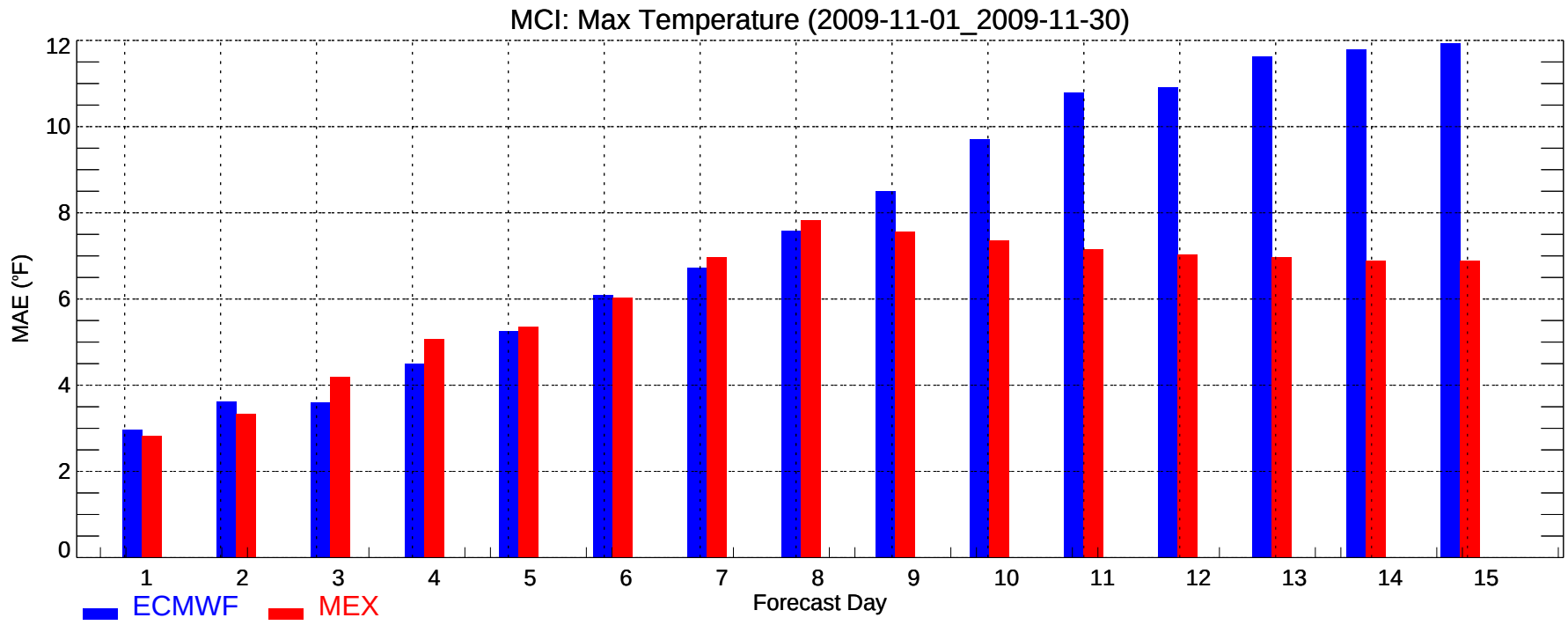

MAF: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

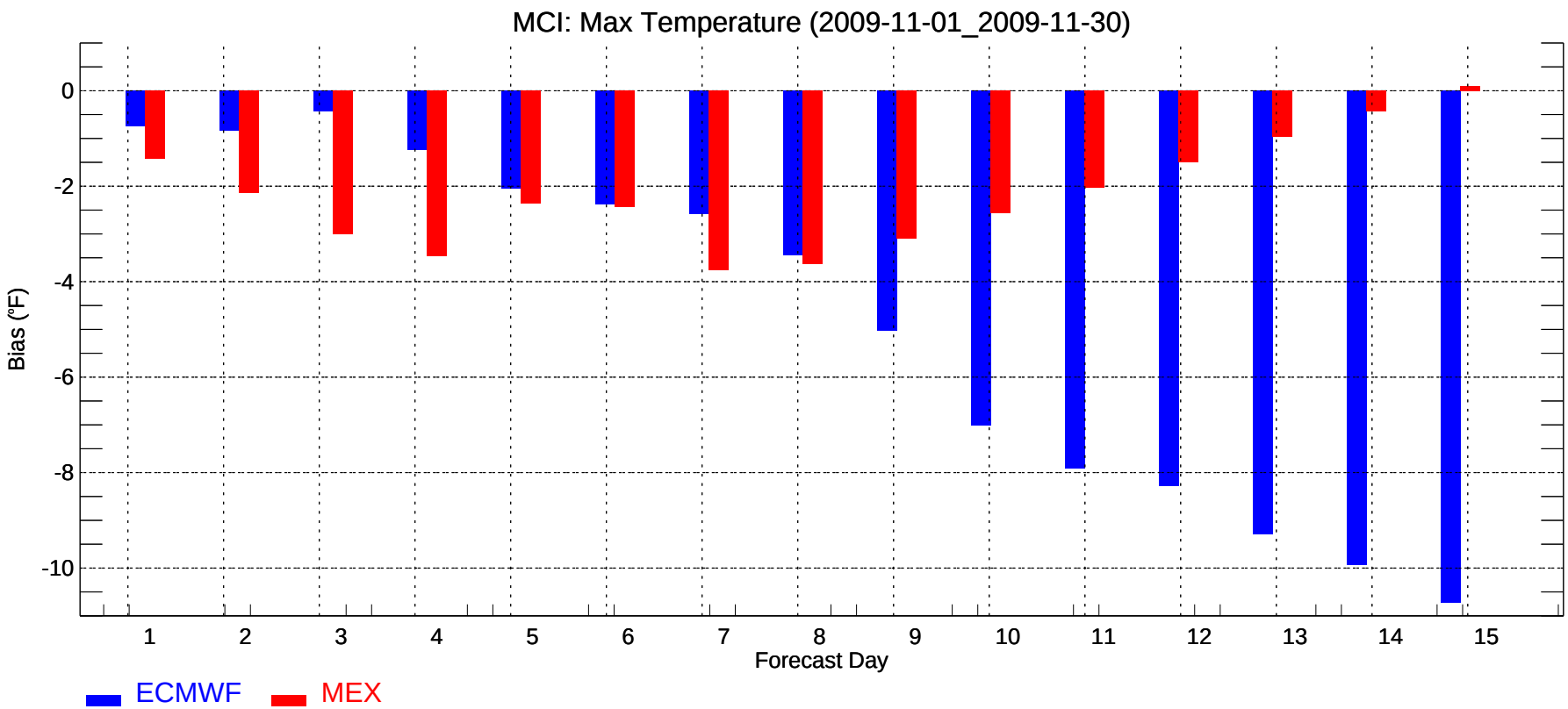

MBA: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MBA: Max Temperature (2009-11-01_2009-11-30)
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


MBA: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MBA: Min Temperature (2009-11-01_2009-11-30)
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


MCI: Max Temperature (2009-11-01_2009-11-30)
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


MCI: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
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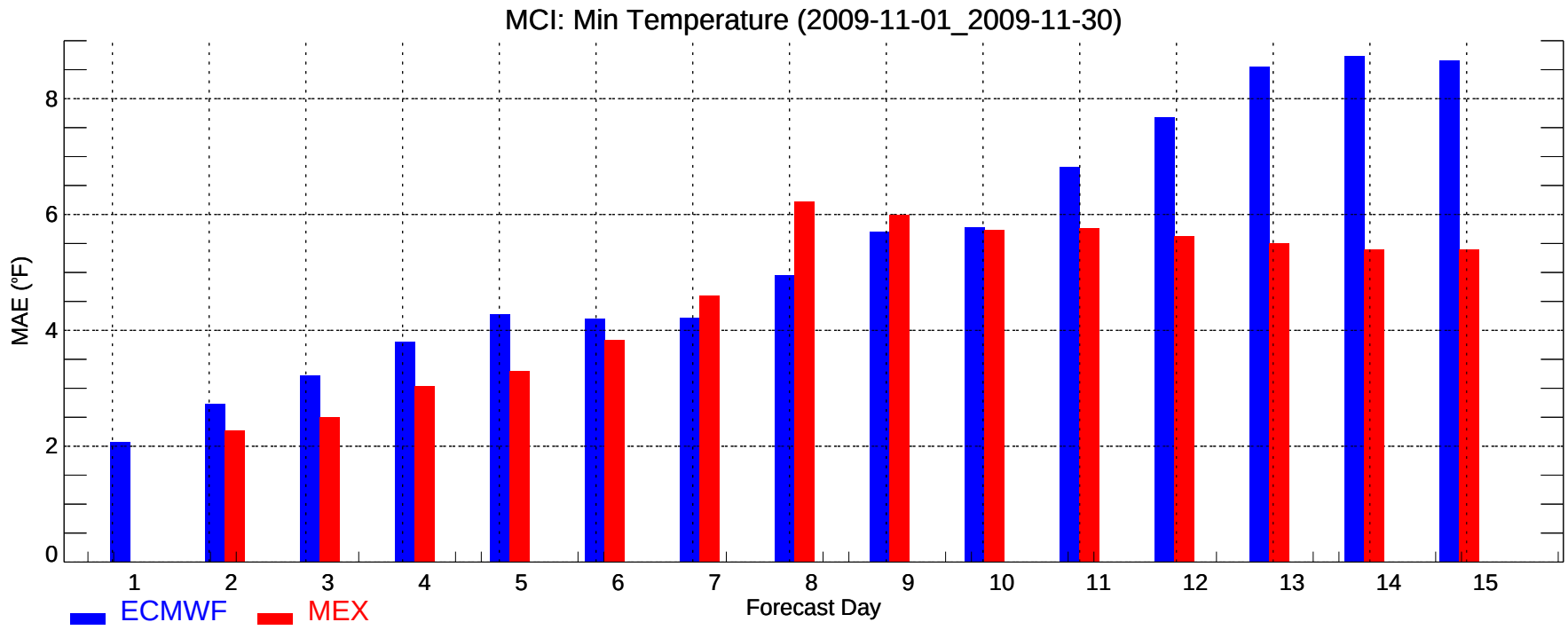
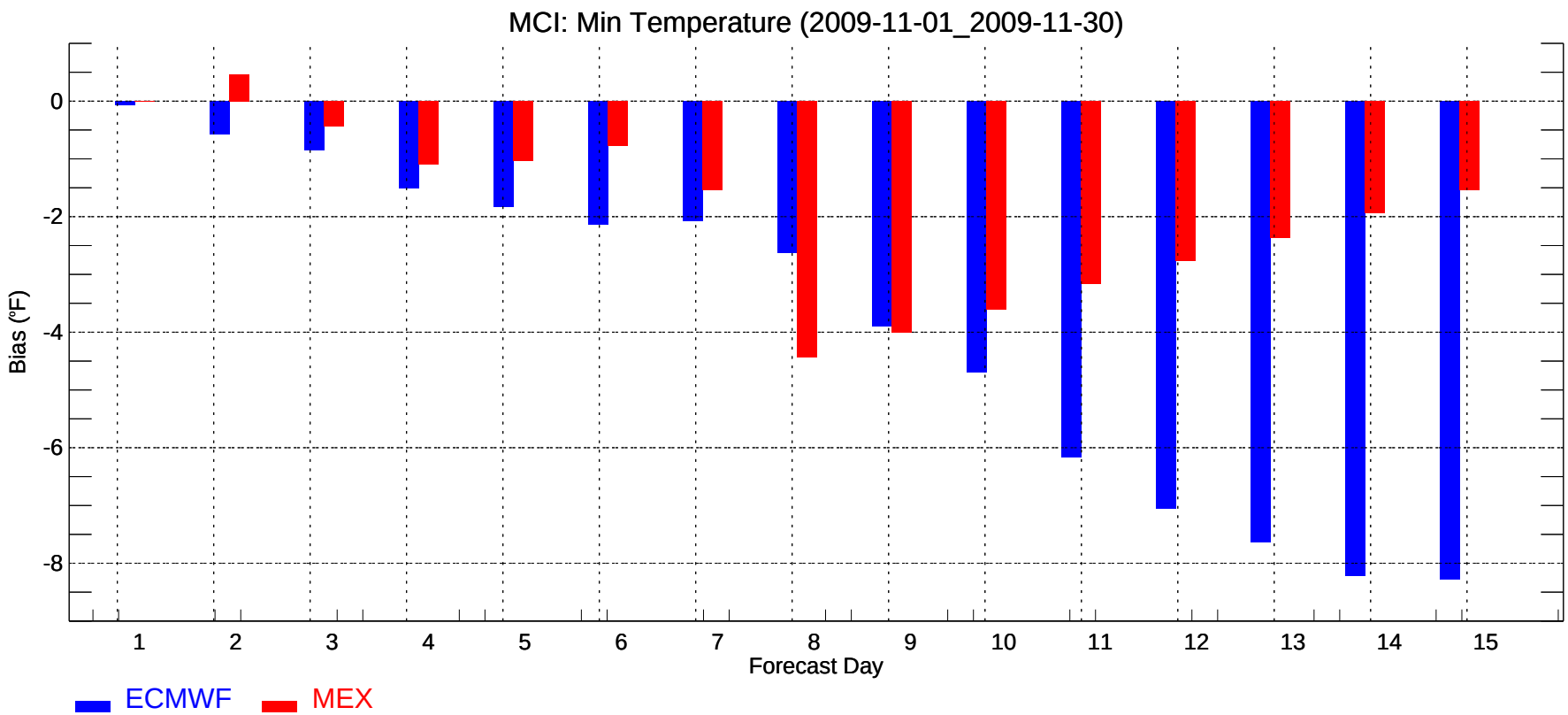
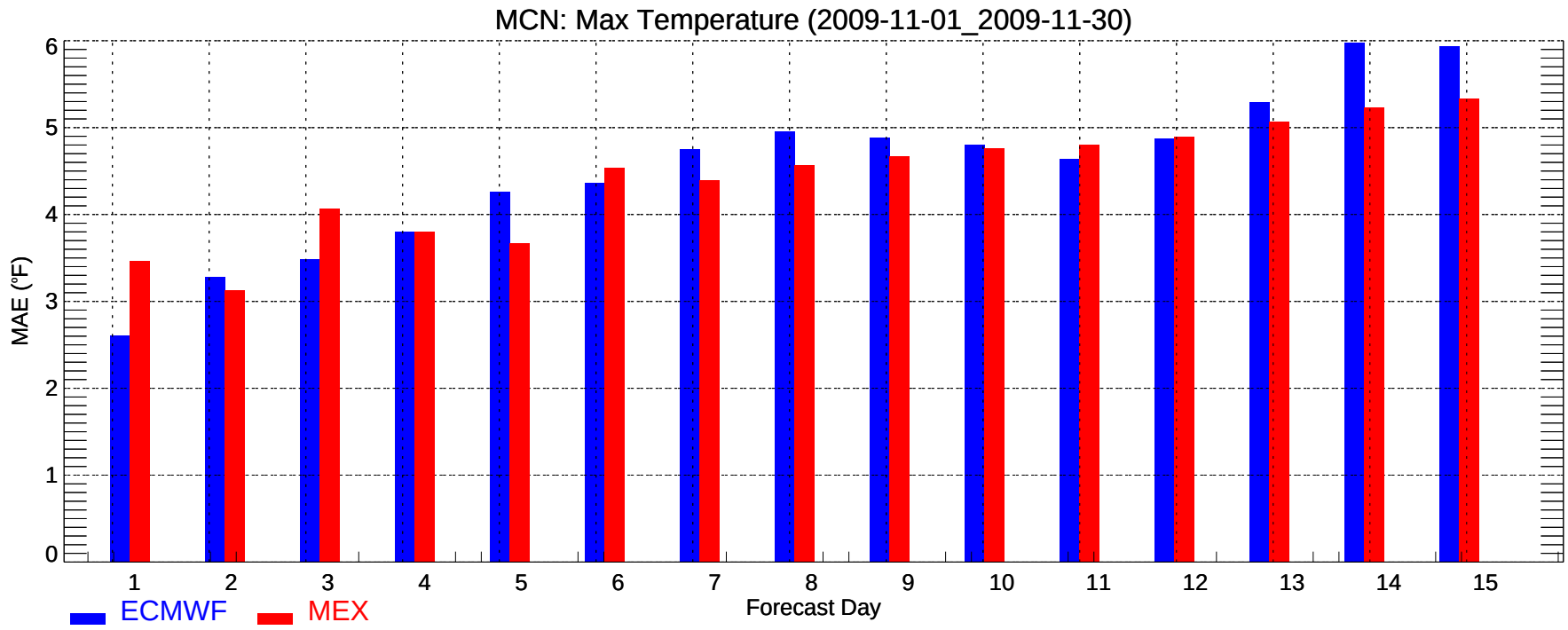
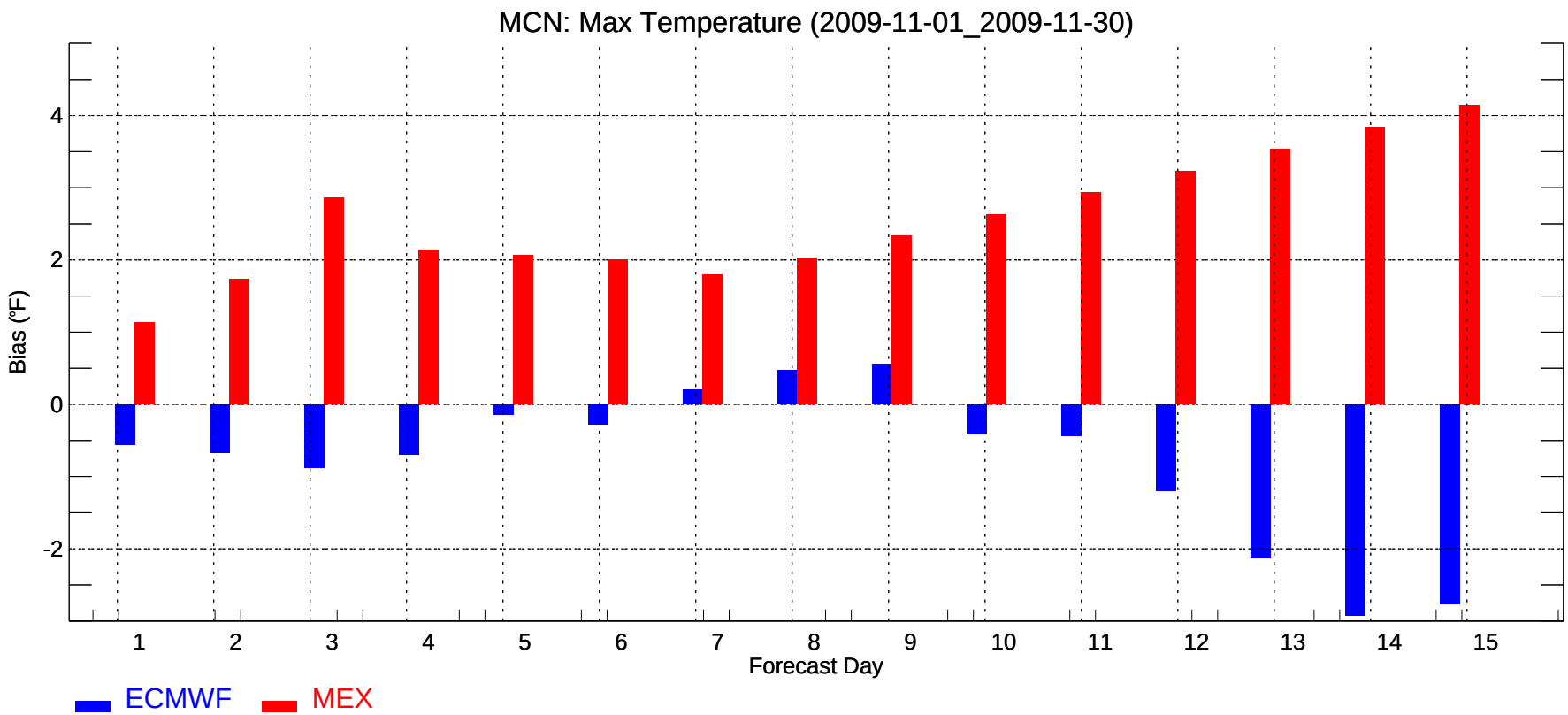
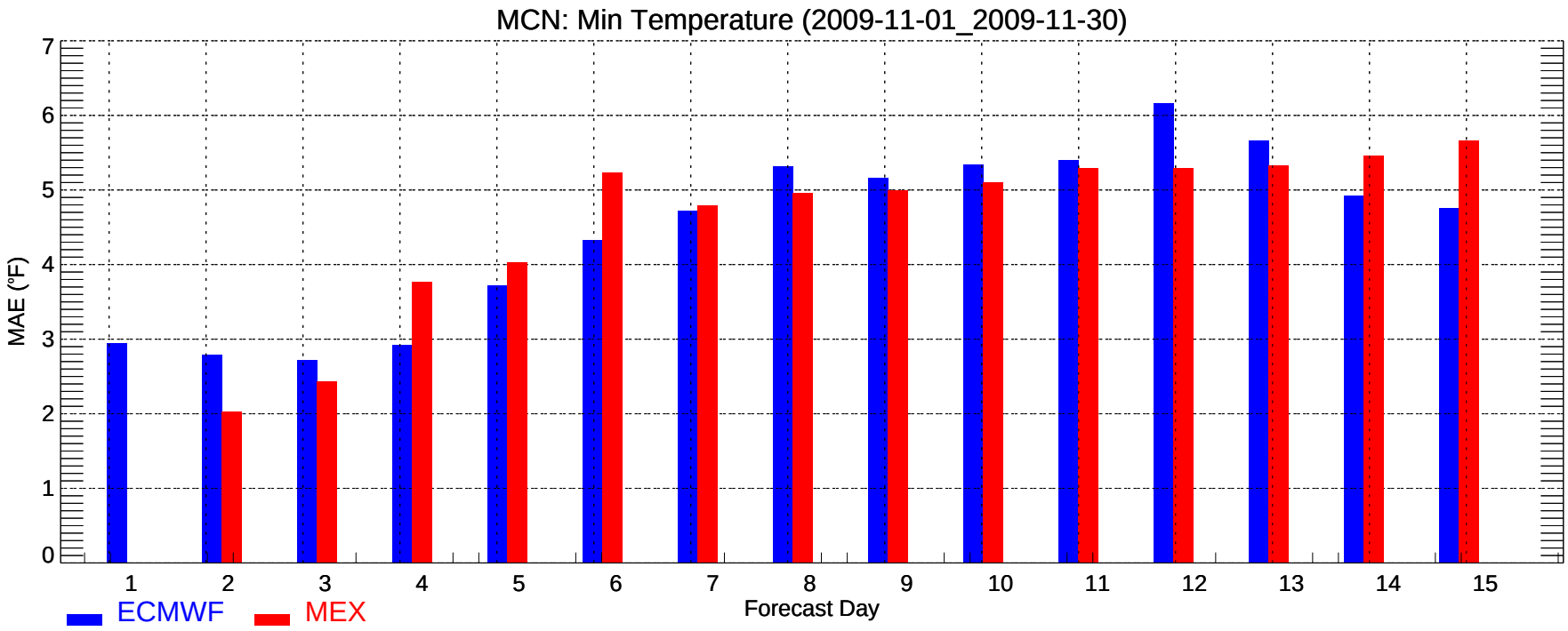
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MCI: Min Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
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: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MCN: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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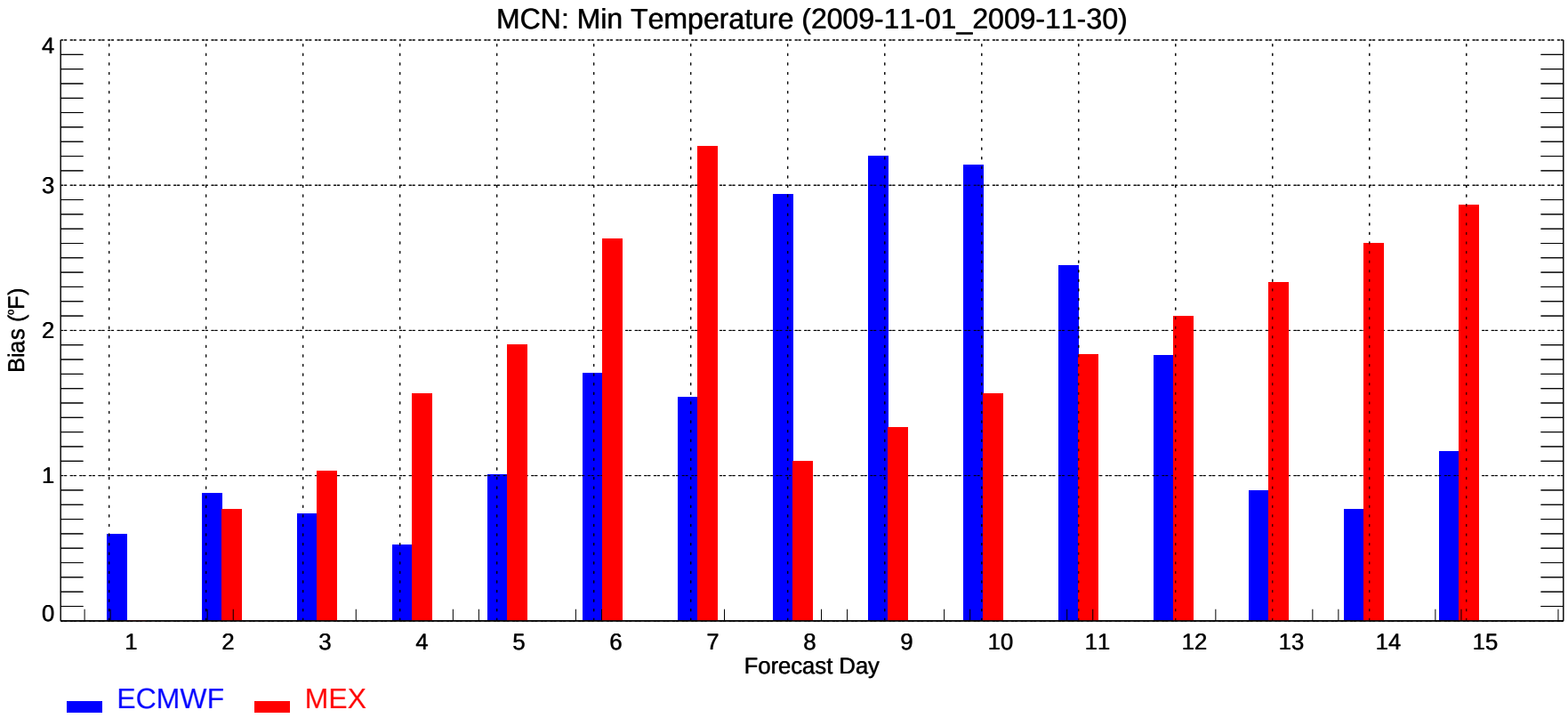
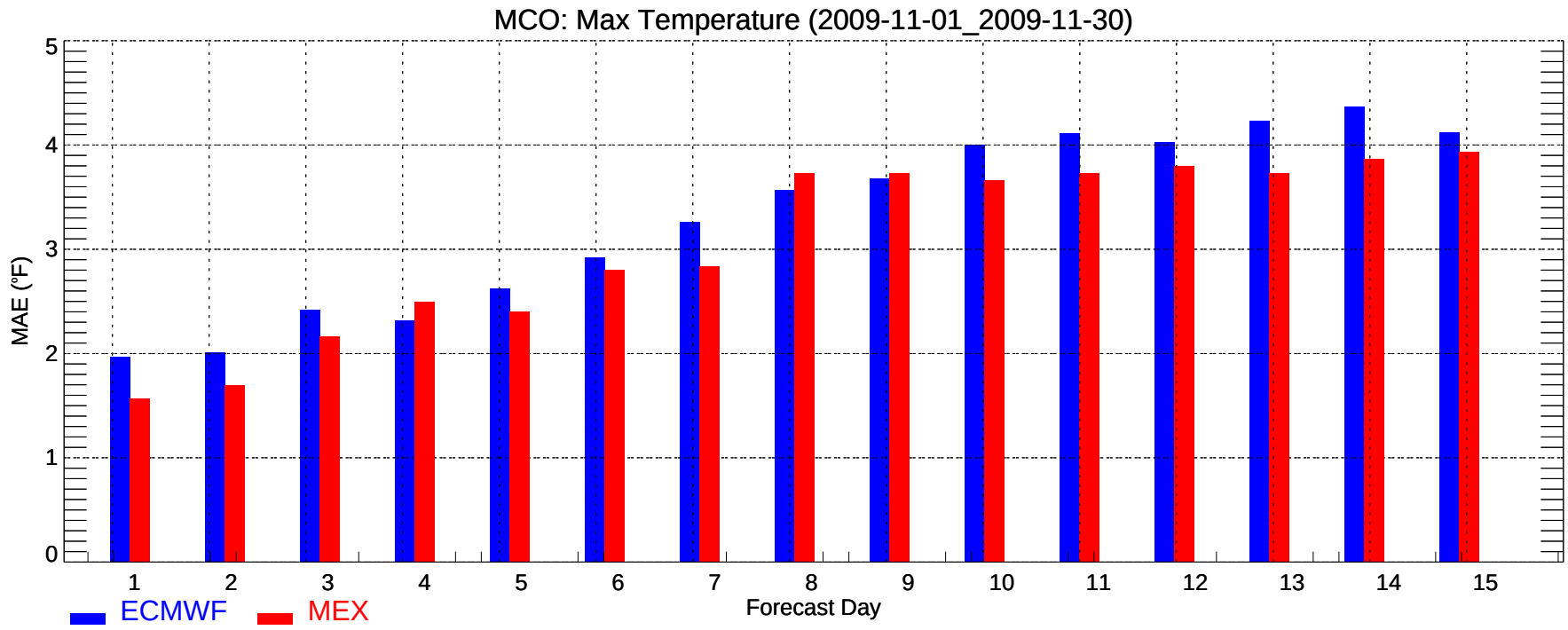
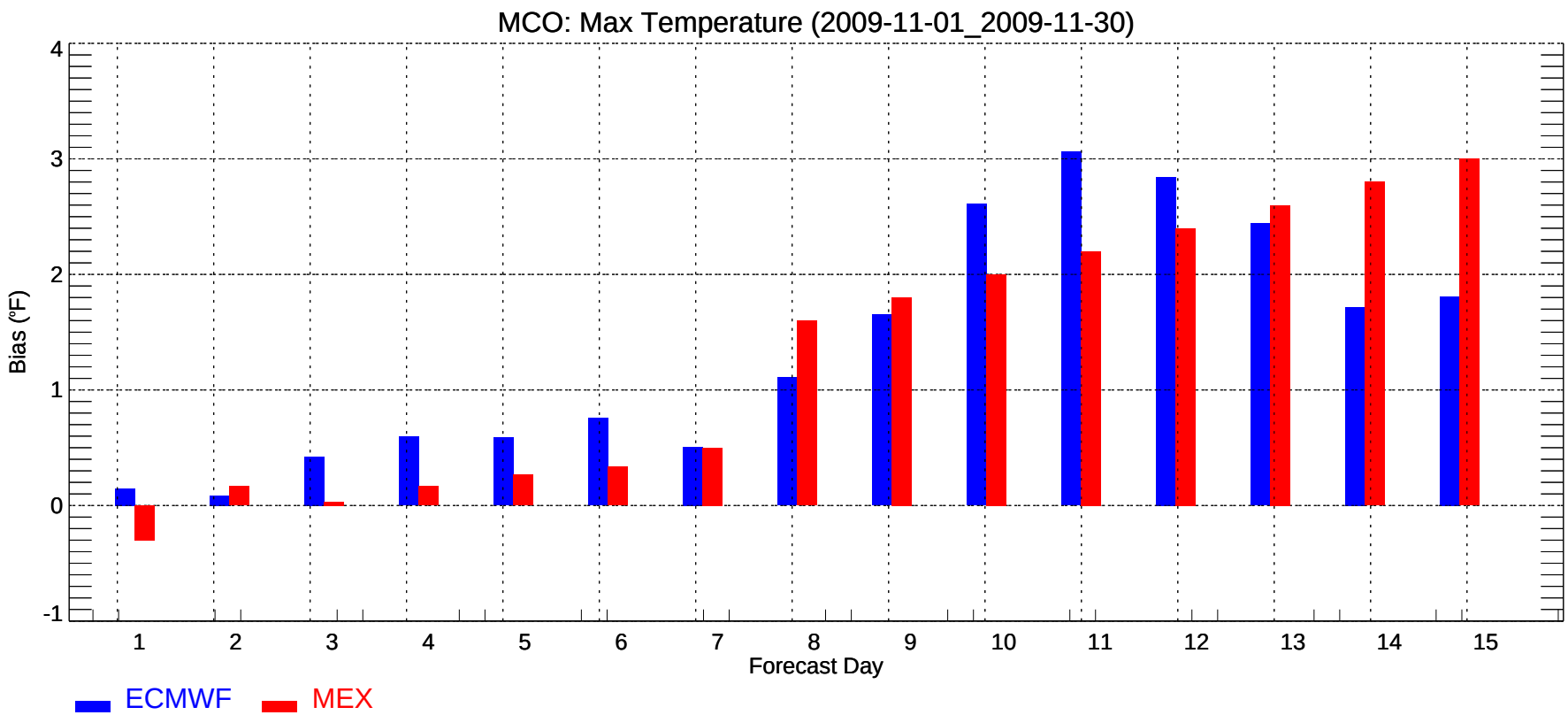
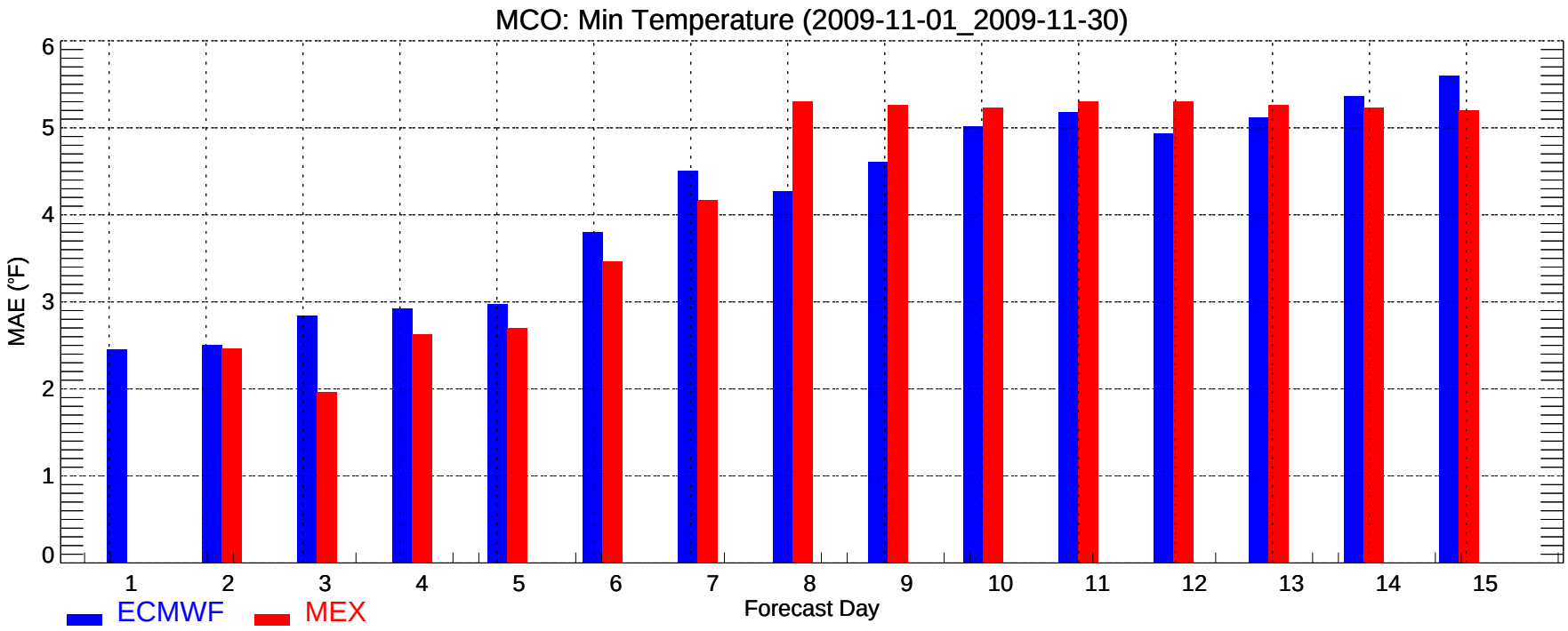
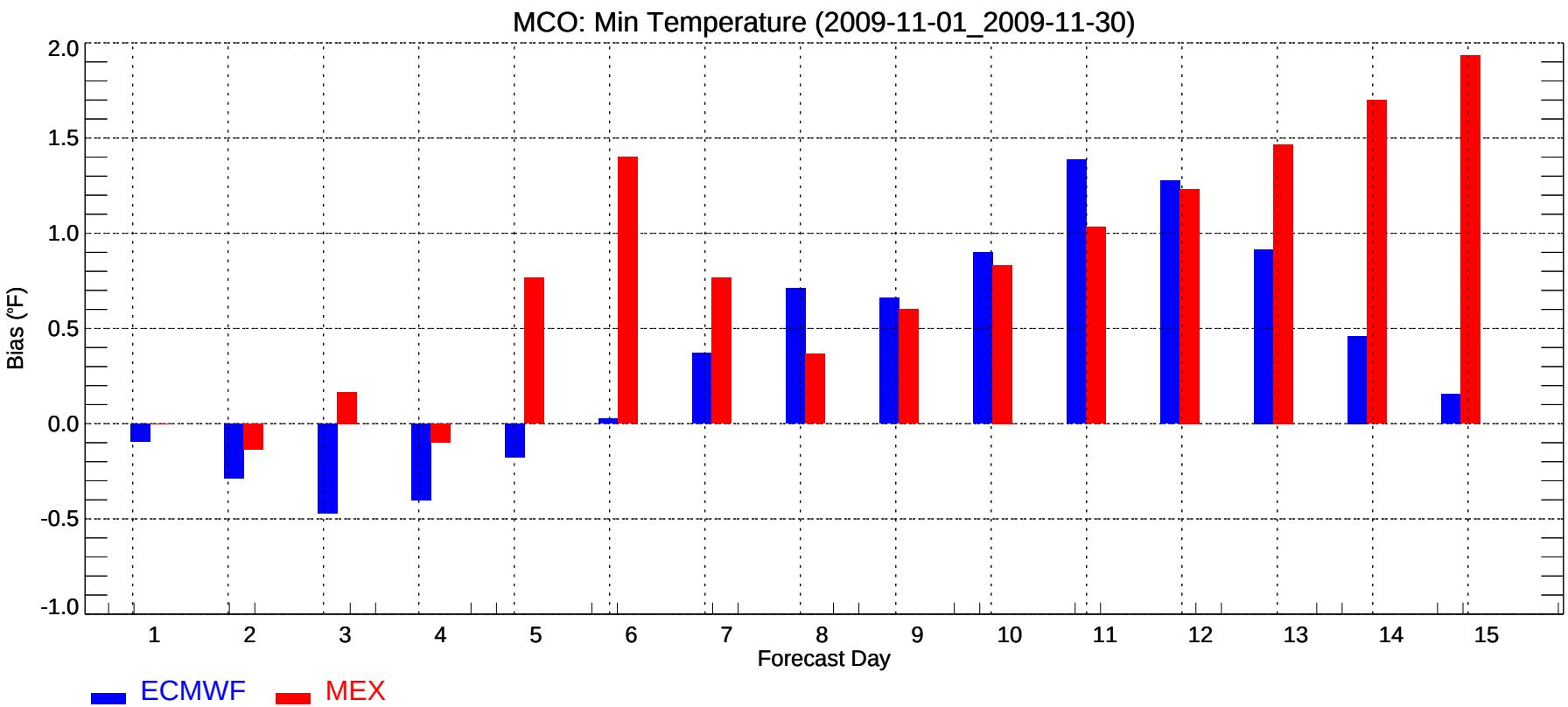
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

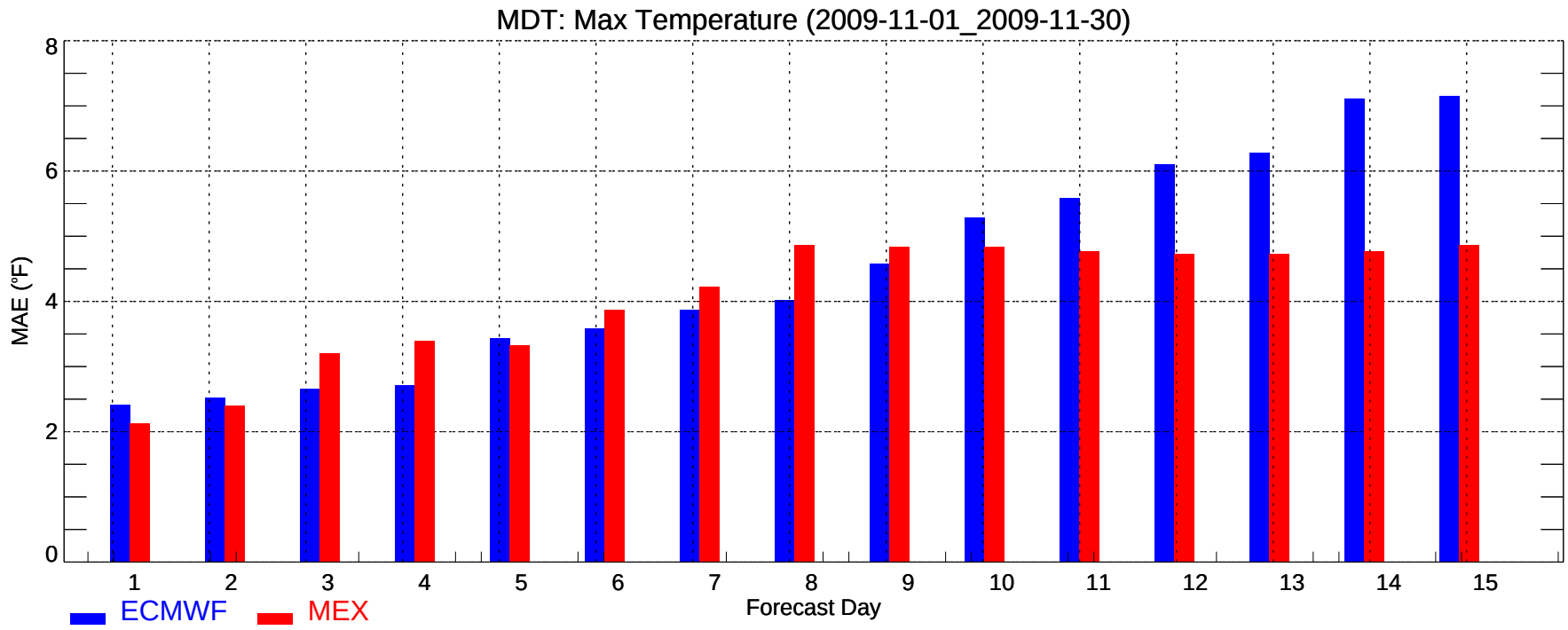

MCN: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

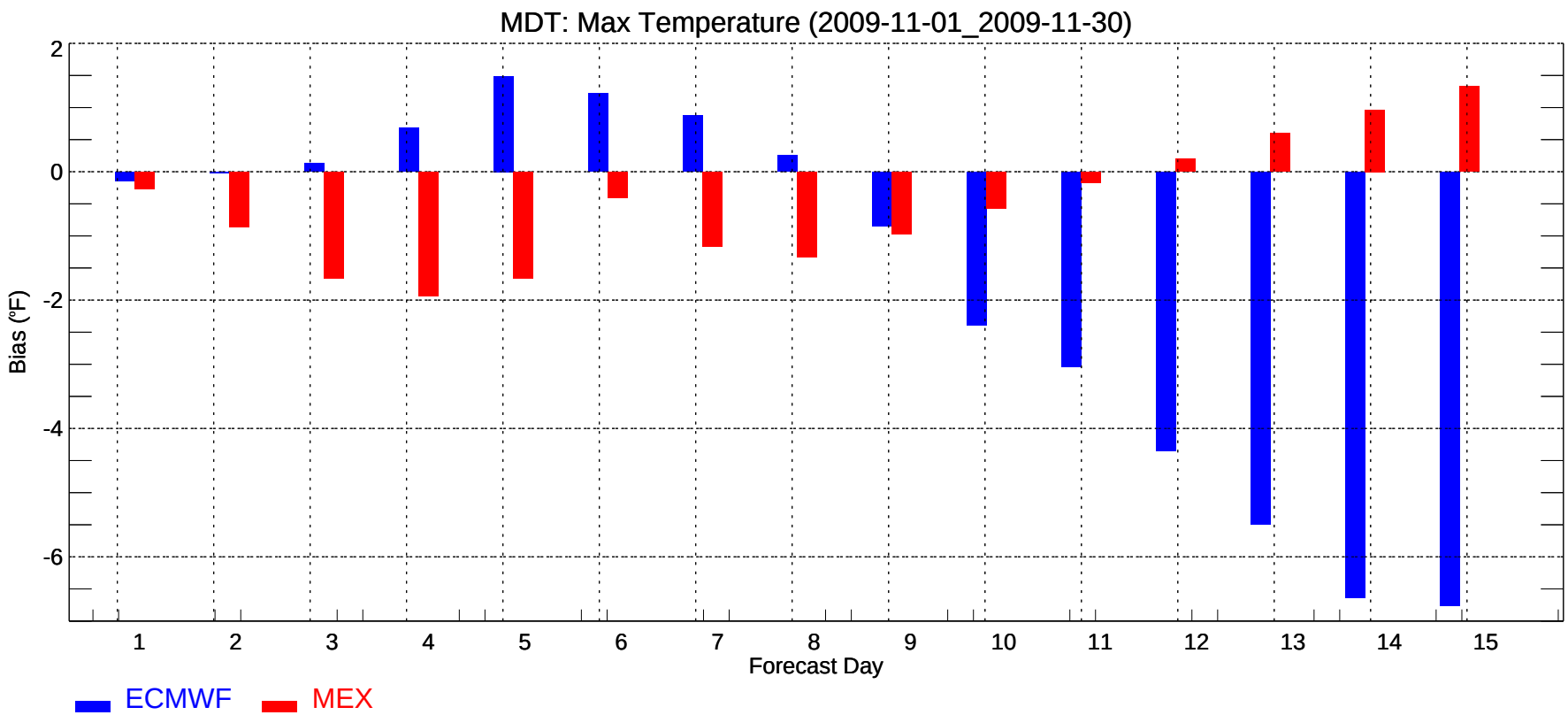

MCO: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

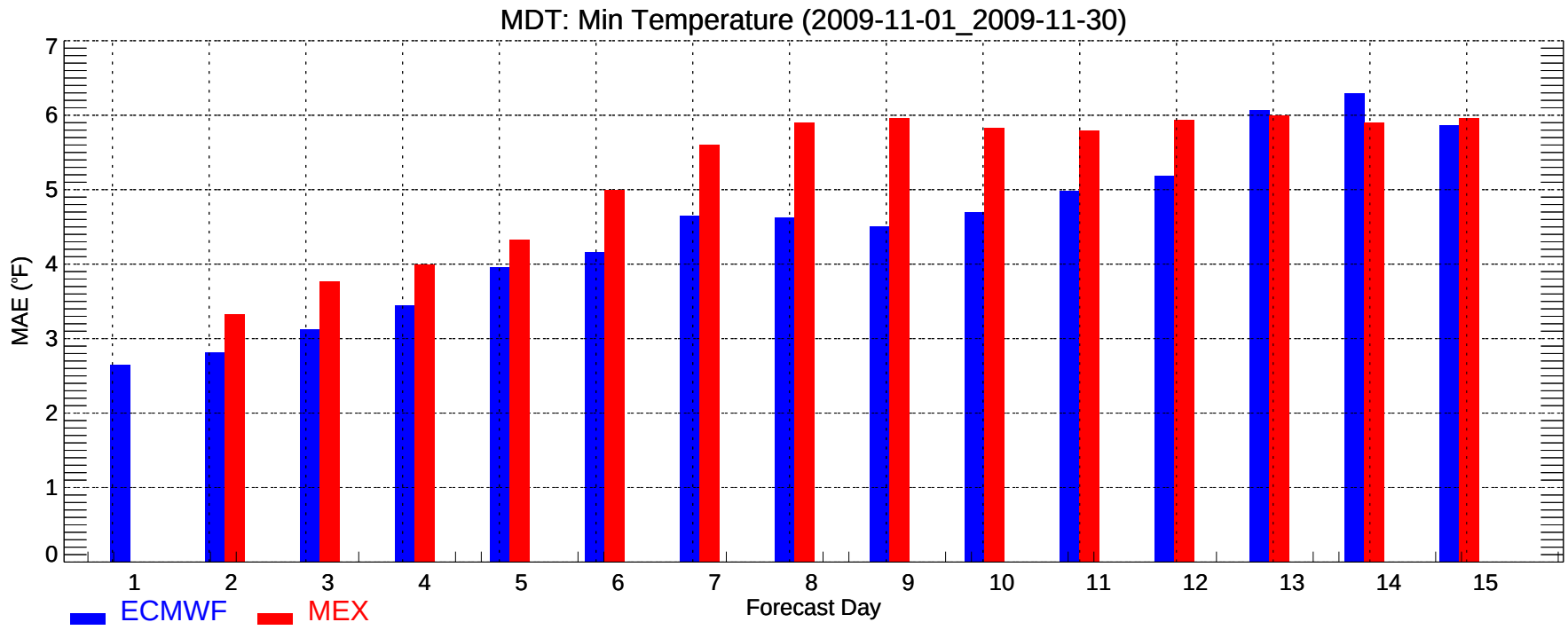

MCO: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

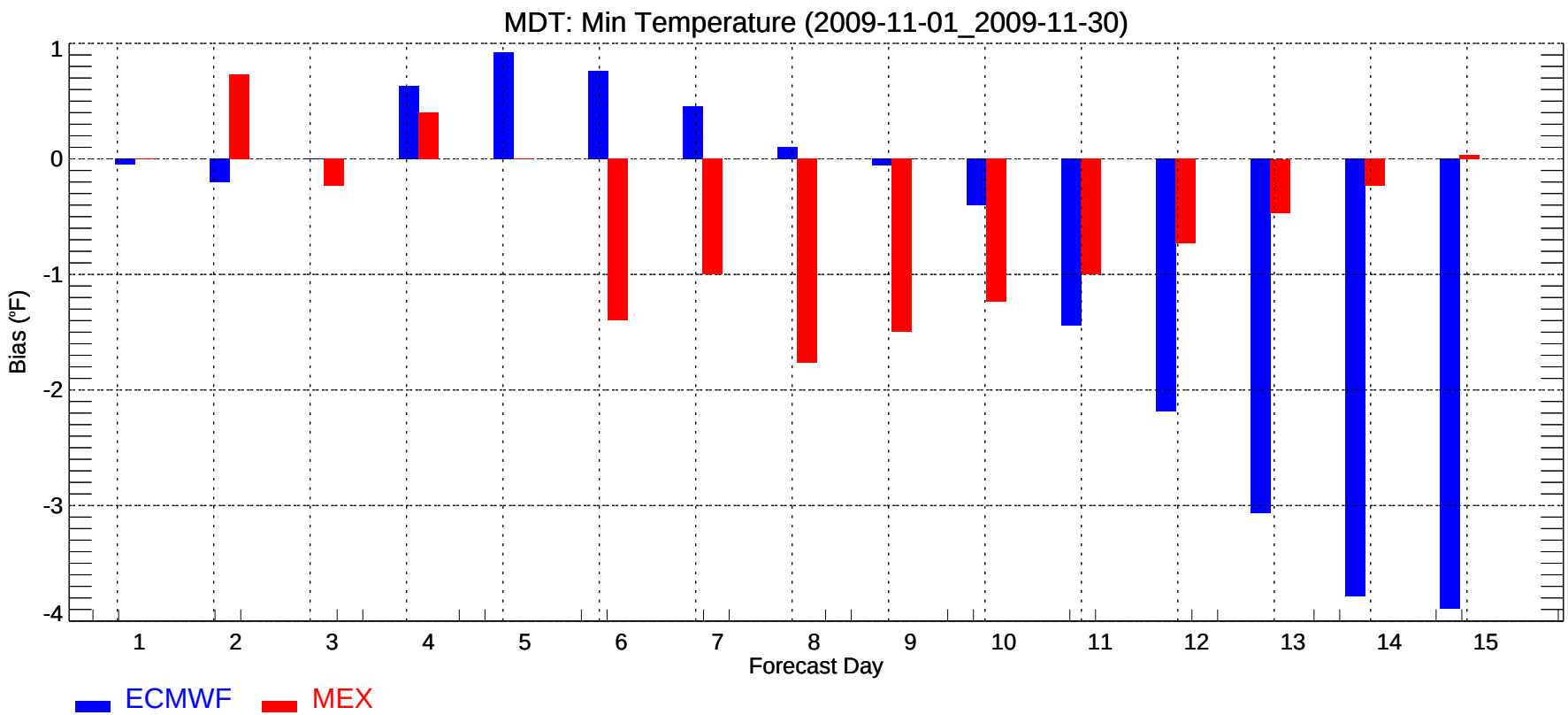

MCO: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

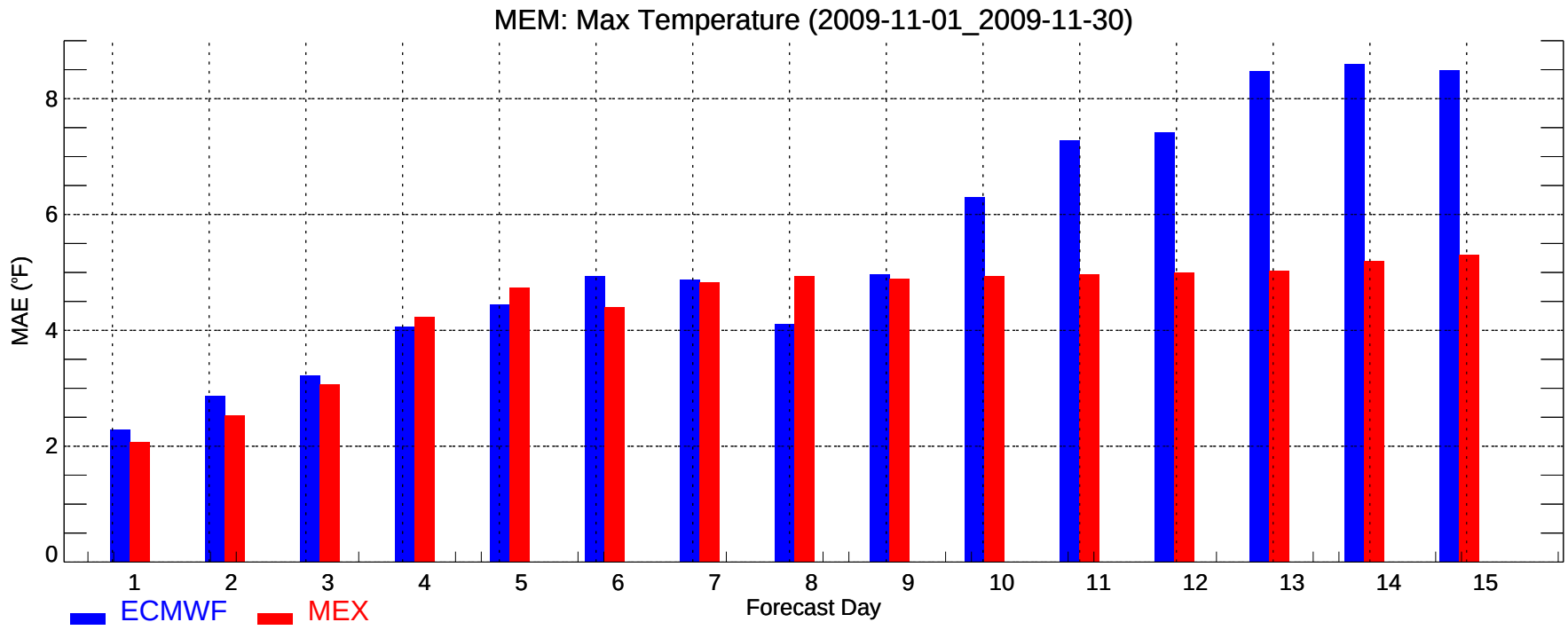

MCO: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

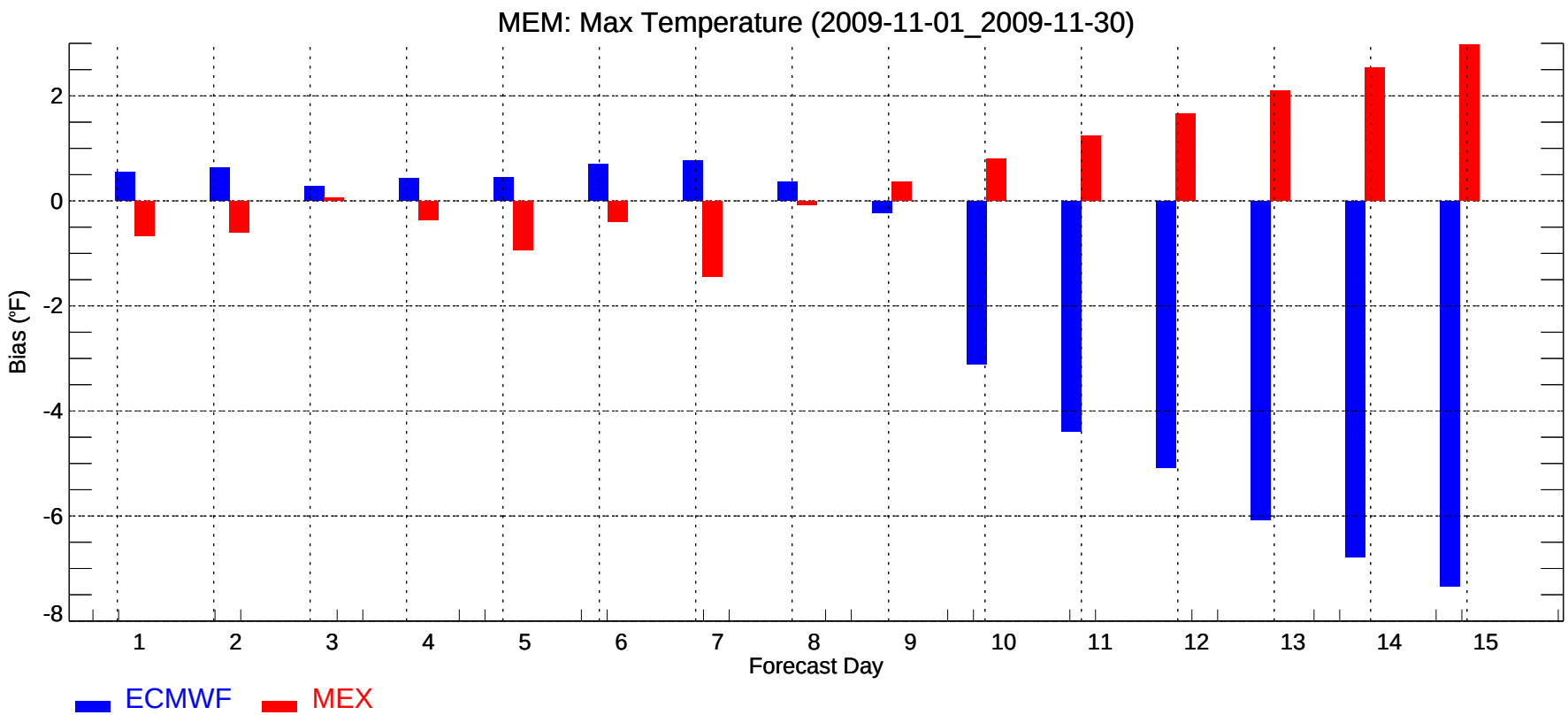

MDT: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

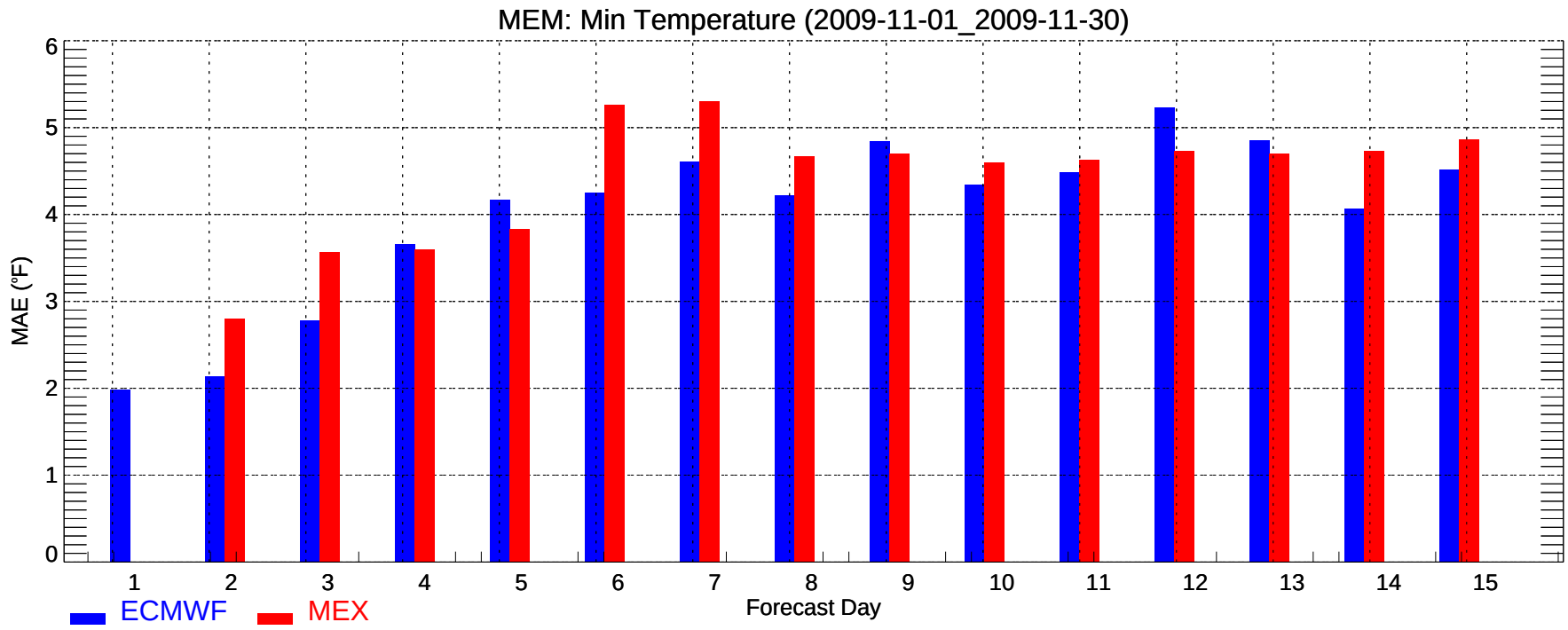

MDT: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

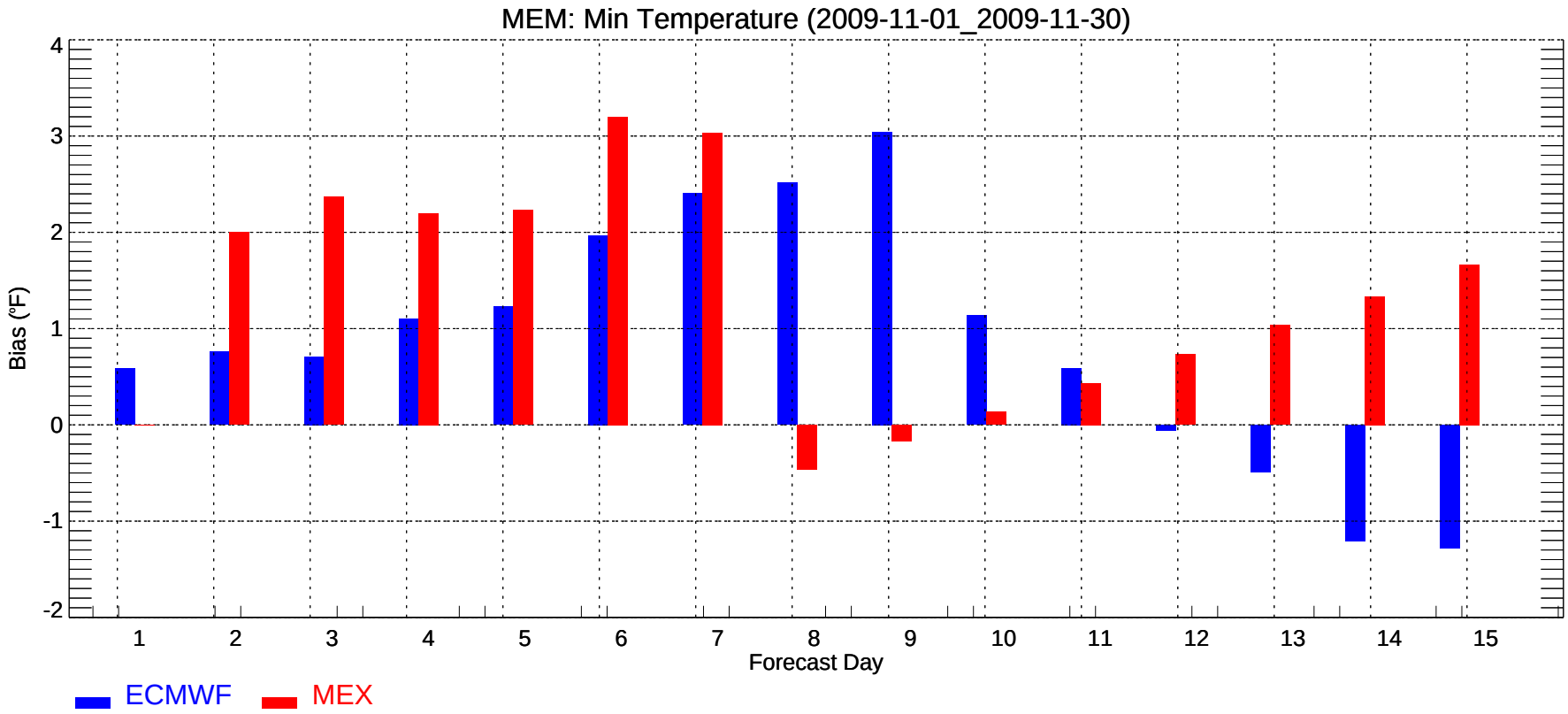

MDT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

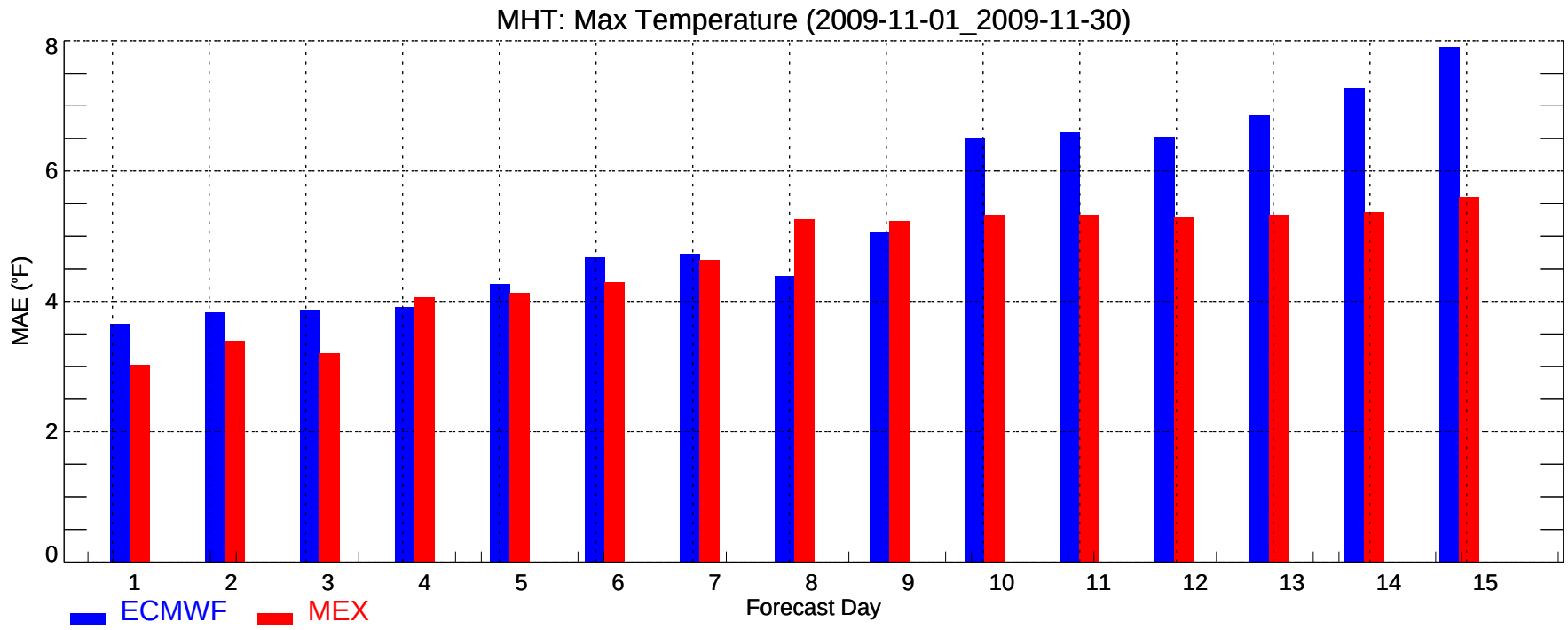

MDT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

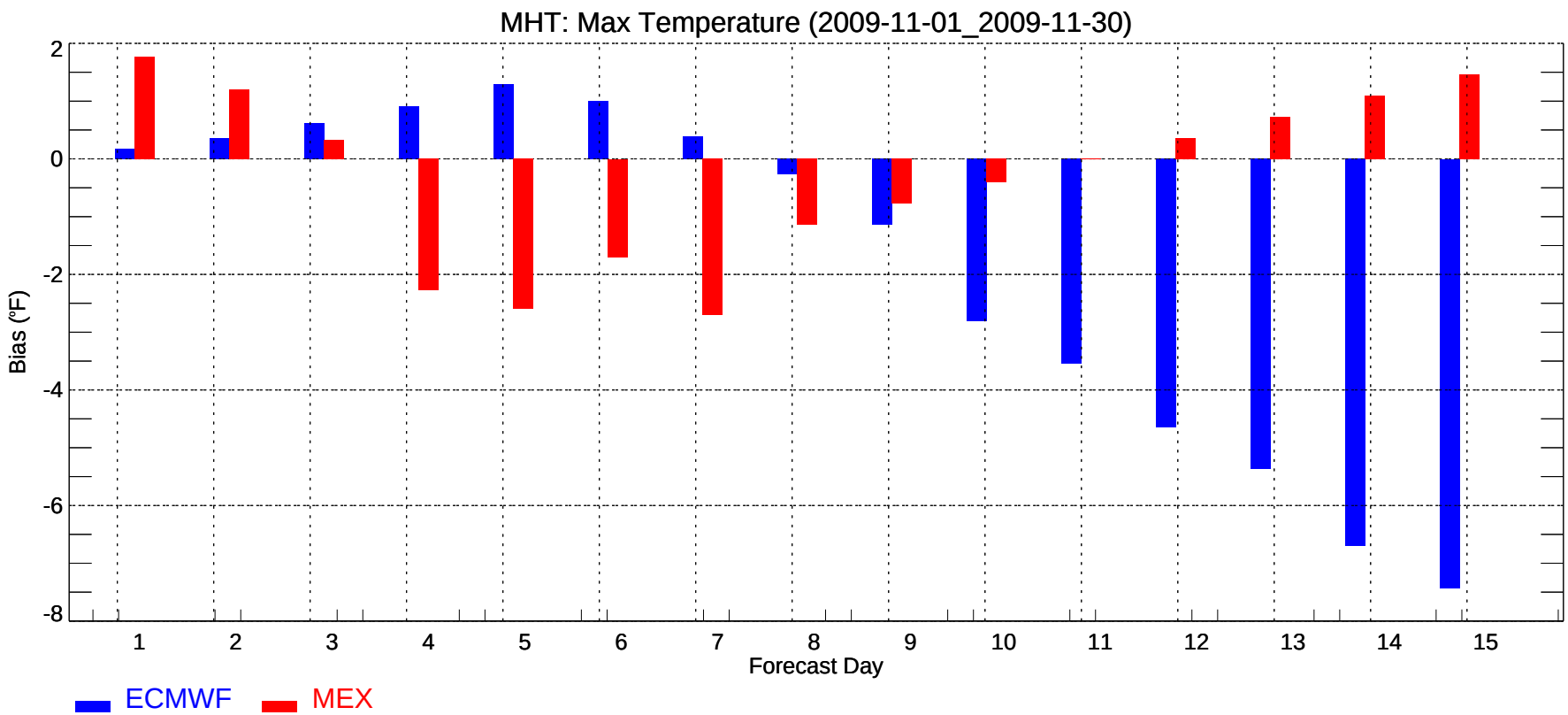

MEM: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

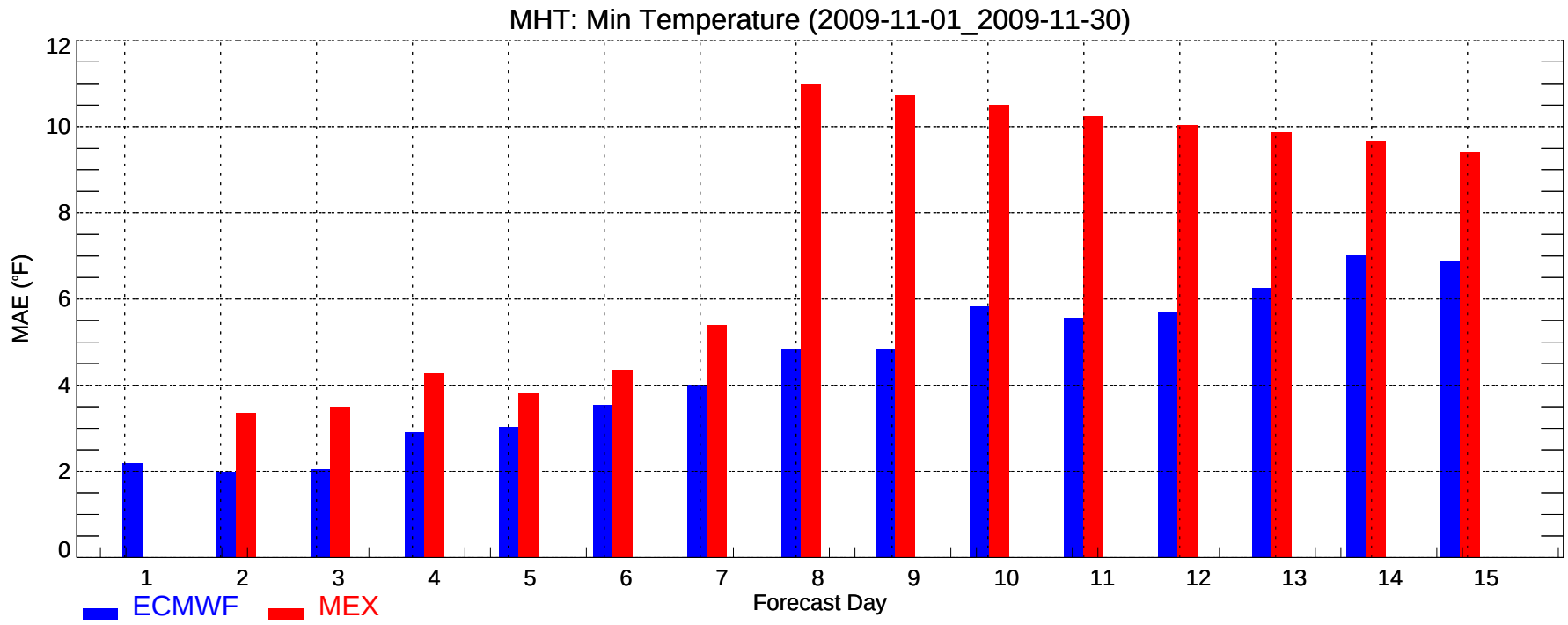

MEM: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

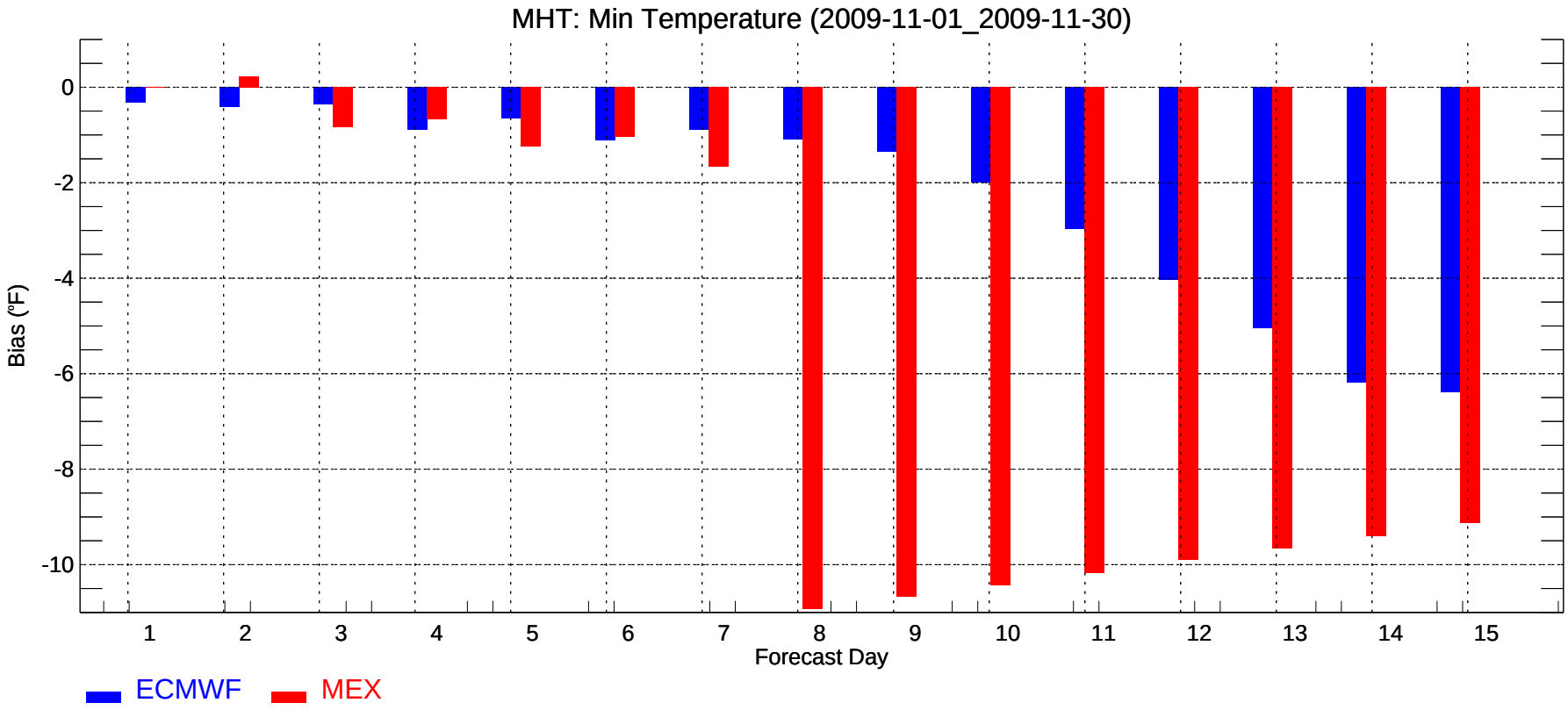

MEM: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

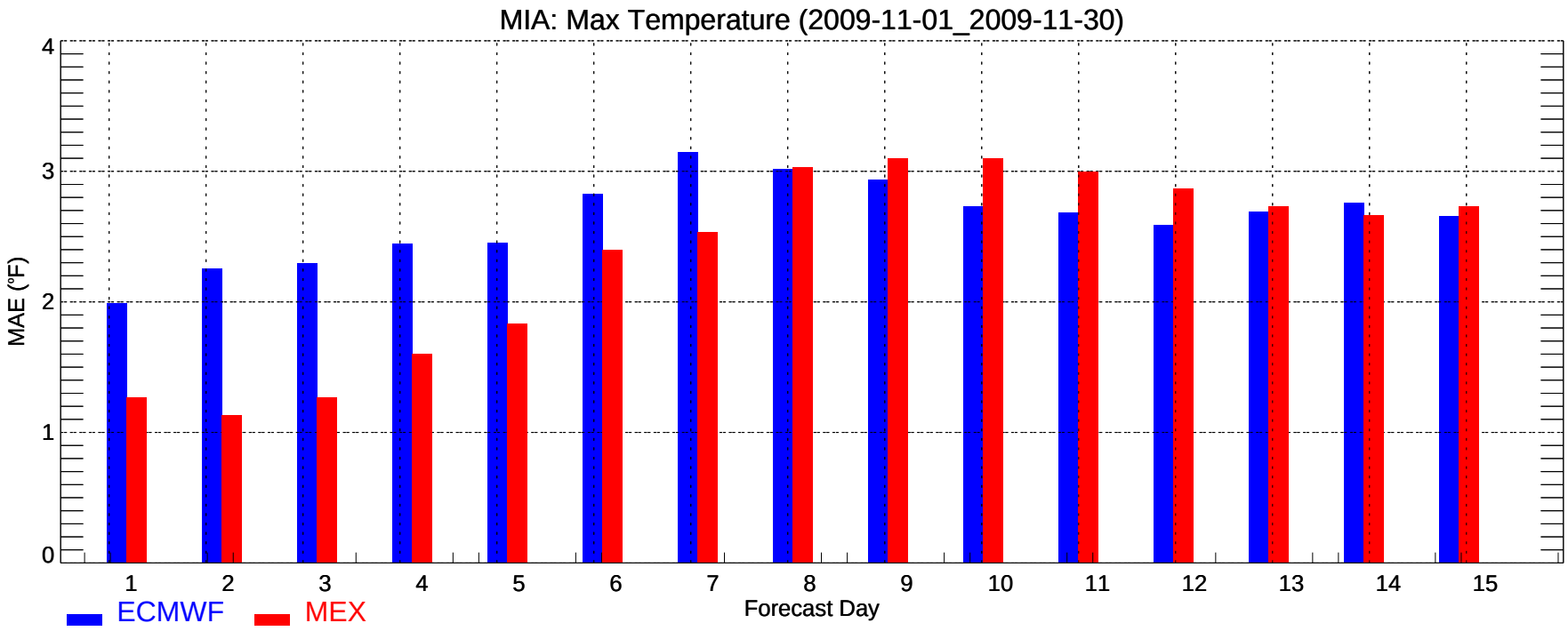

MEM: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

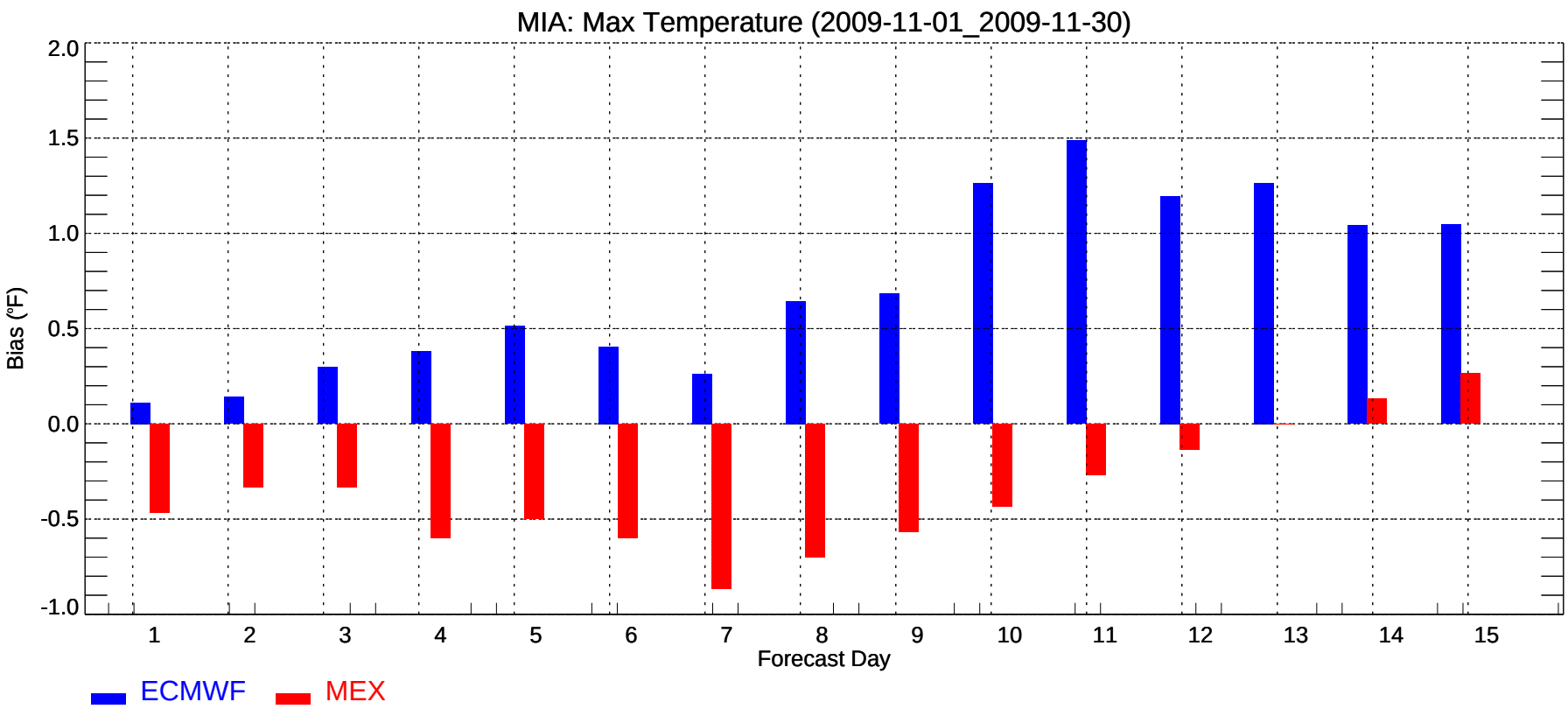

MHT: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

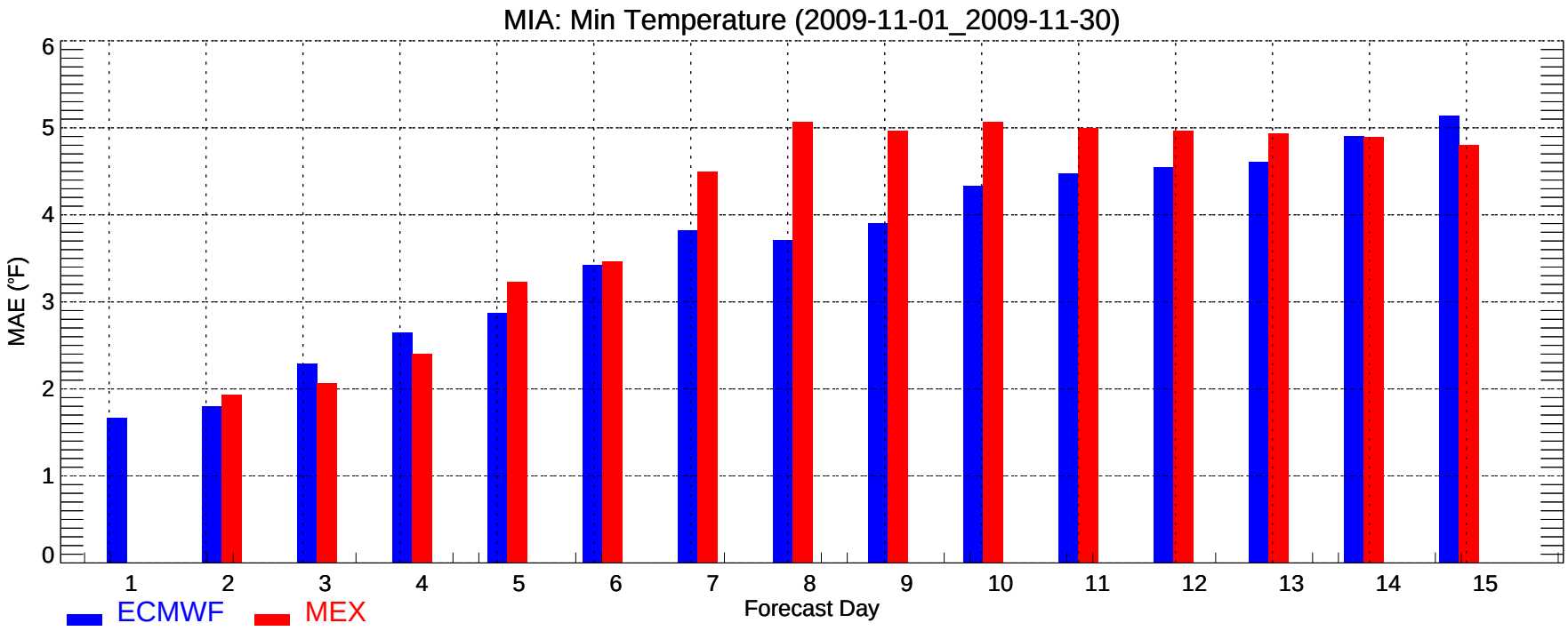

MHT: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

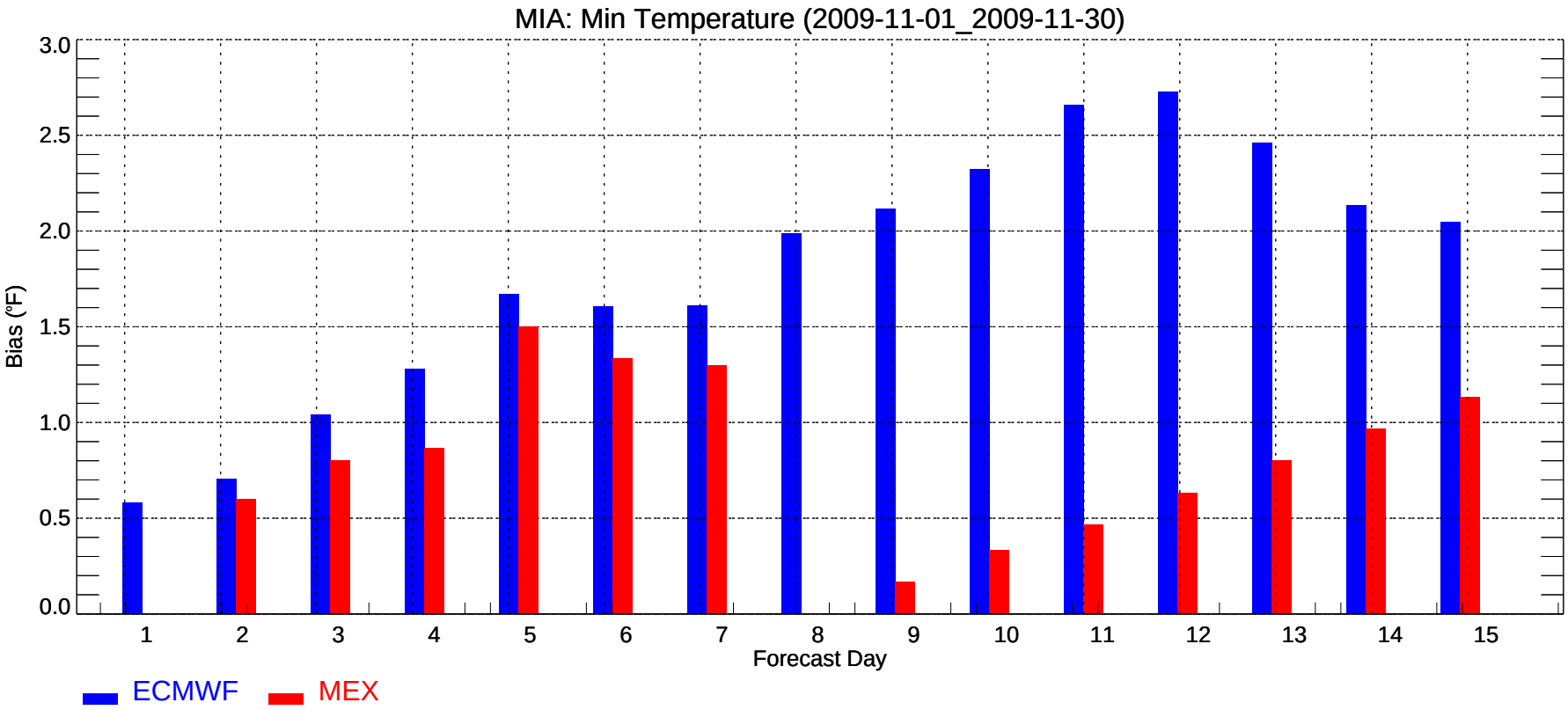

MHT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

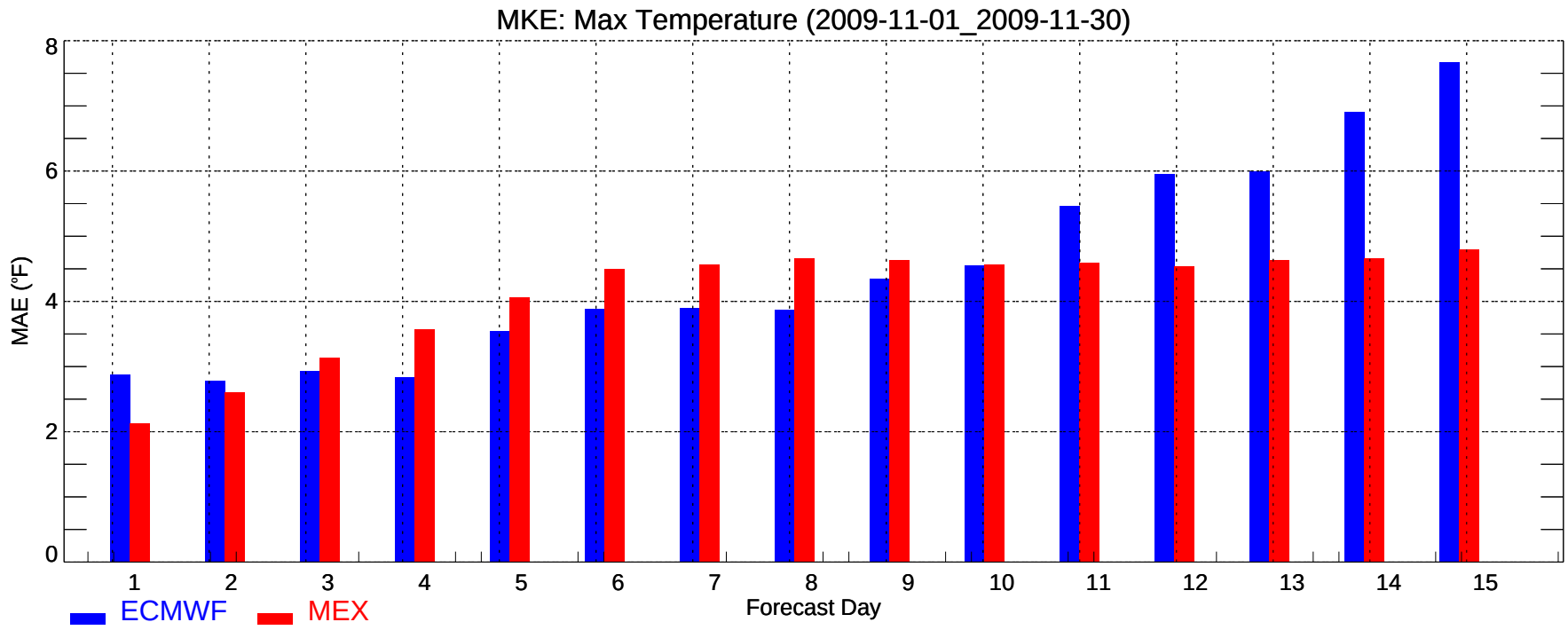

MHT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

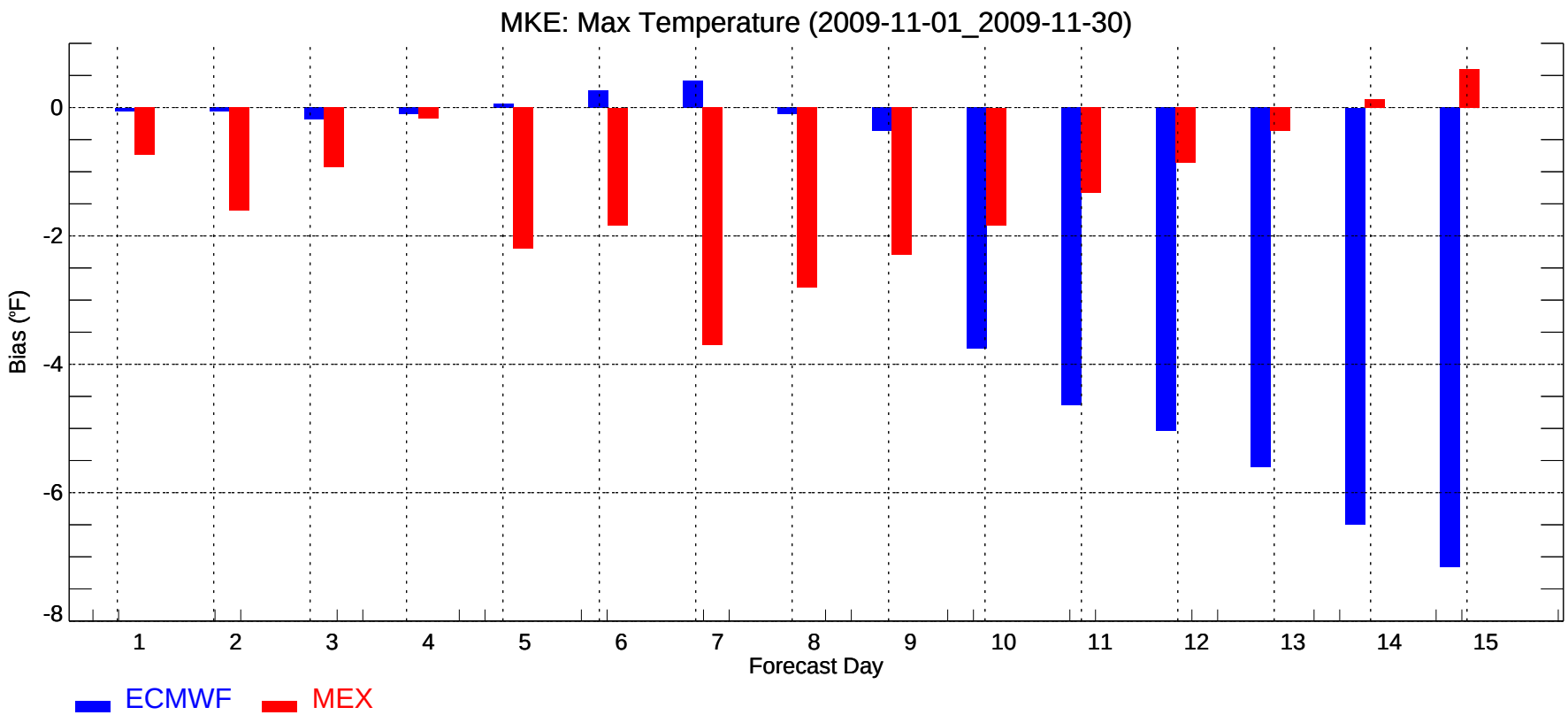

MIA: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

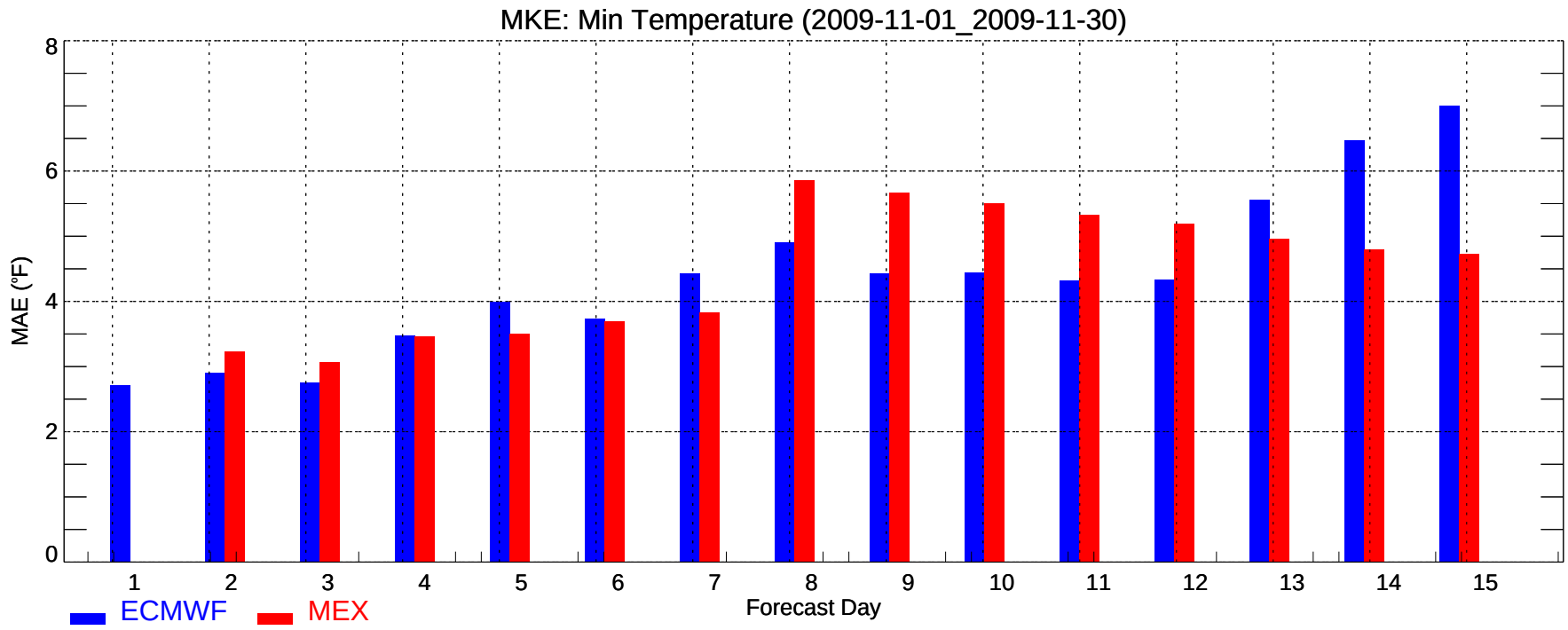

MIA: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

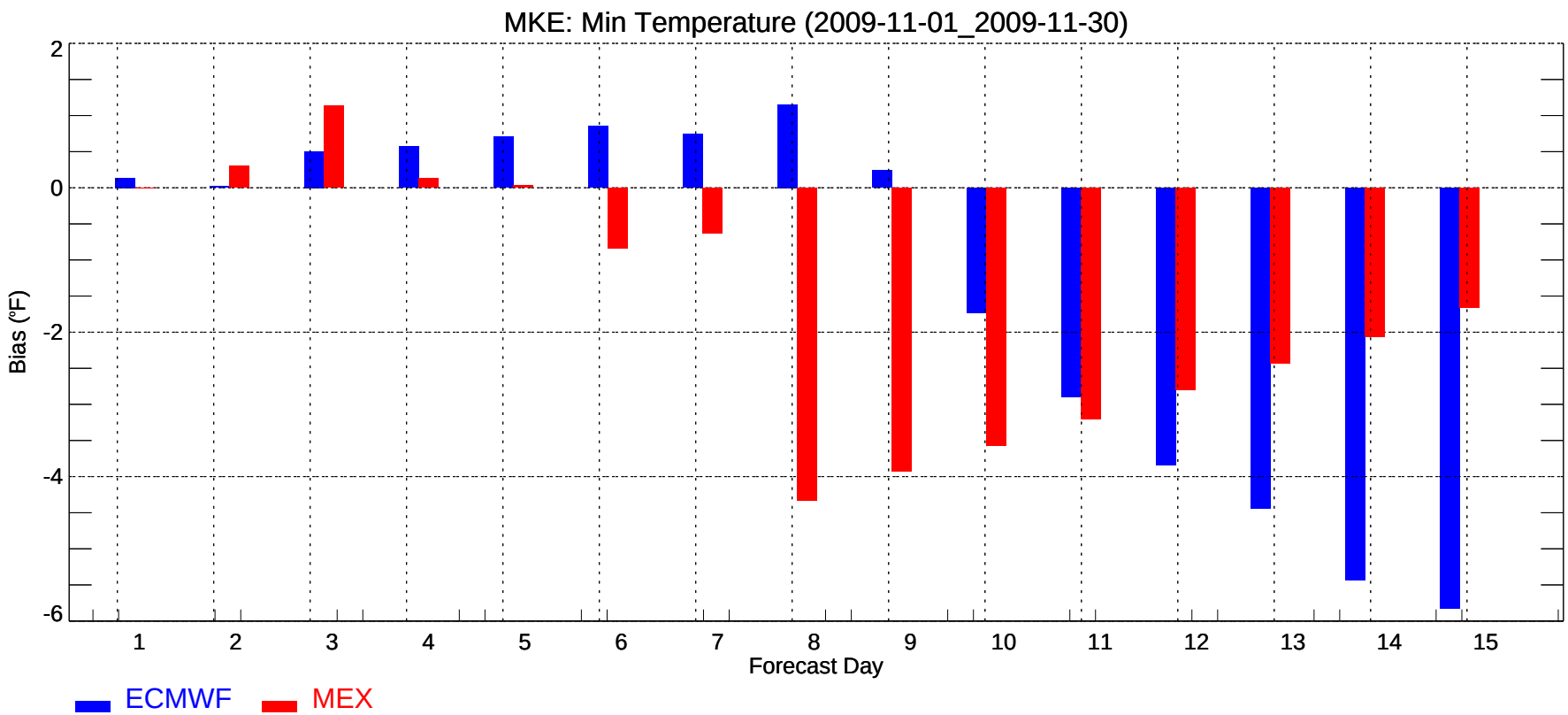

MIA: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

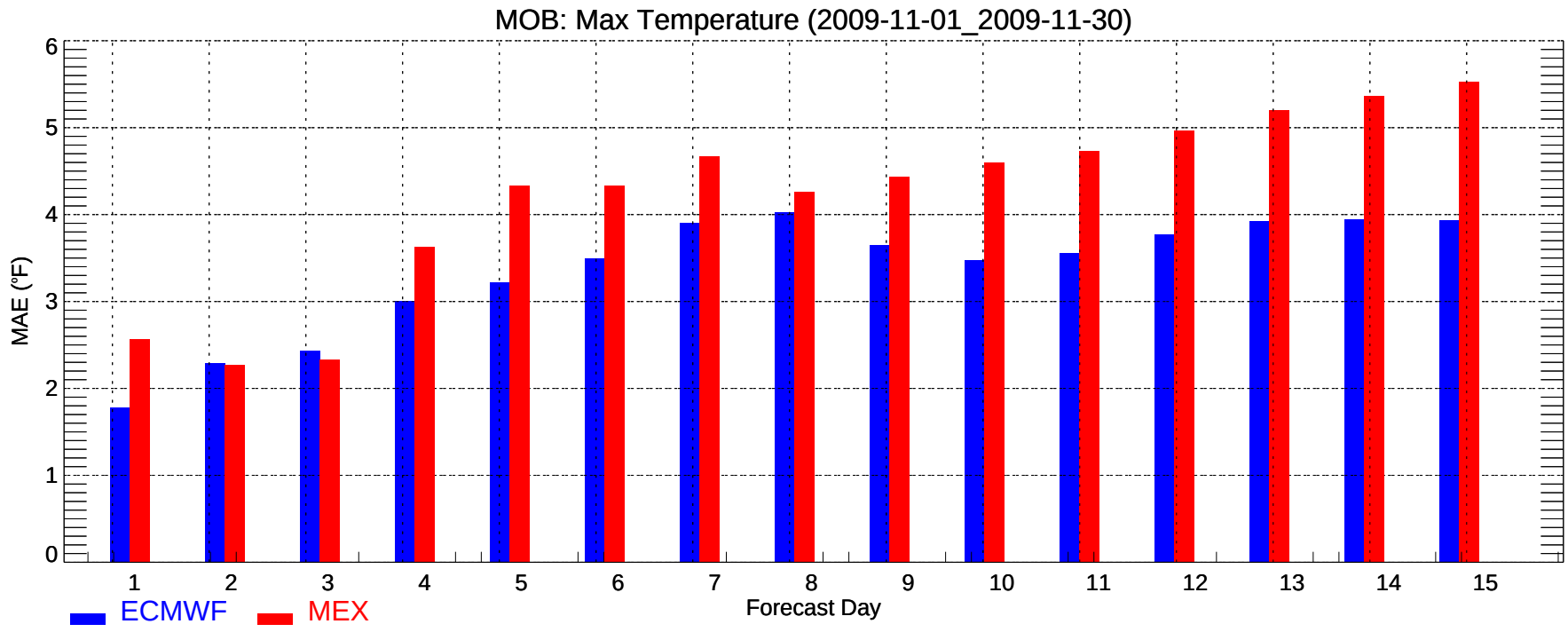

MIA: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

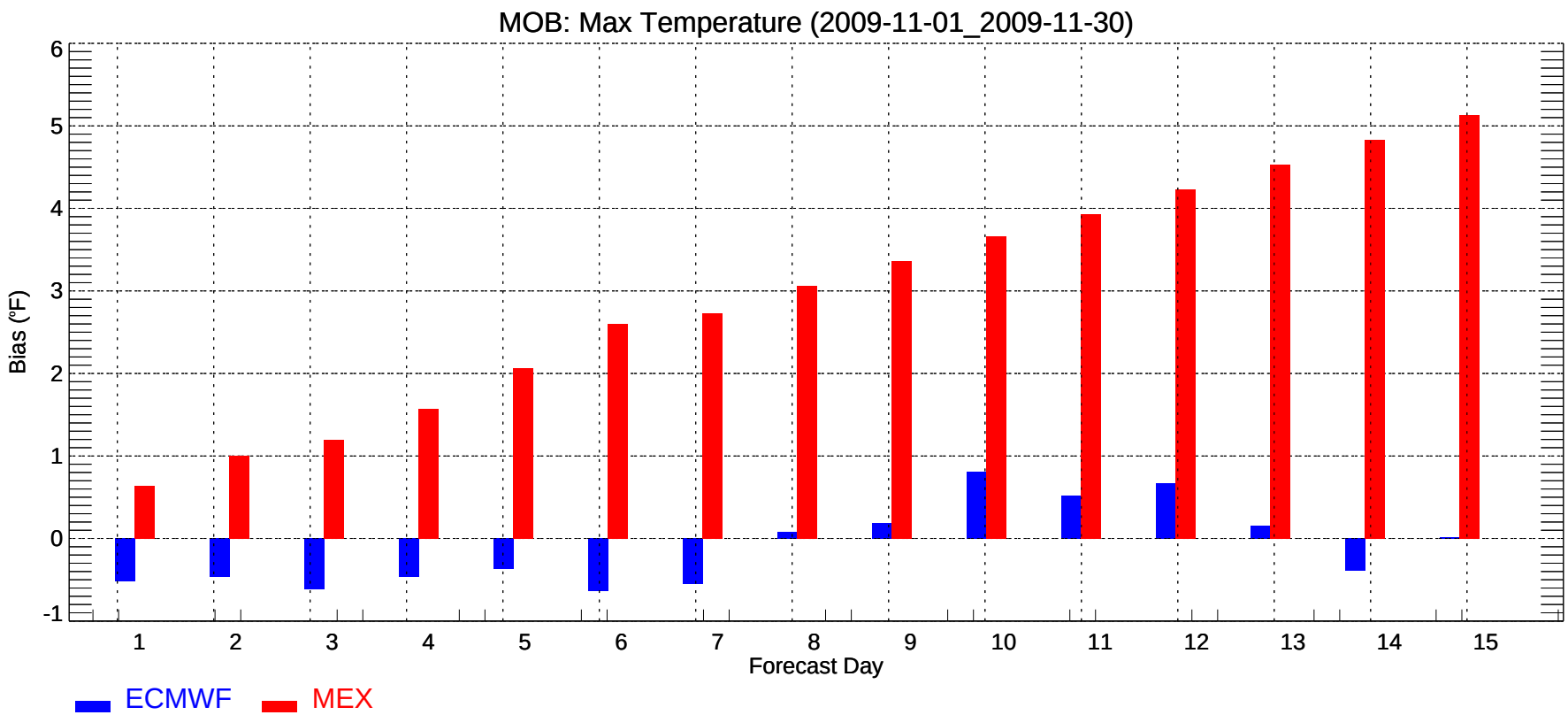

MKE: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

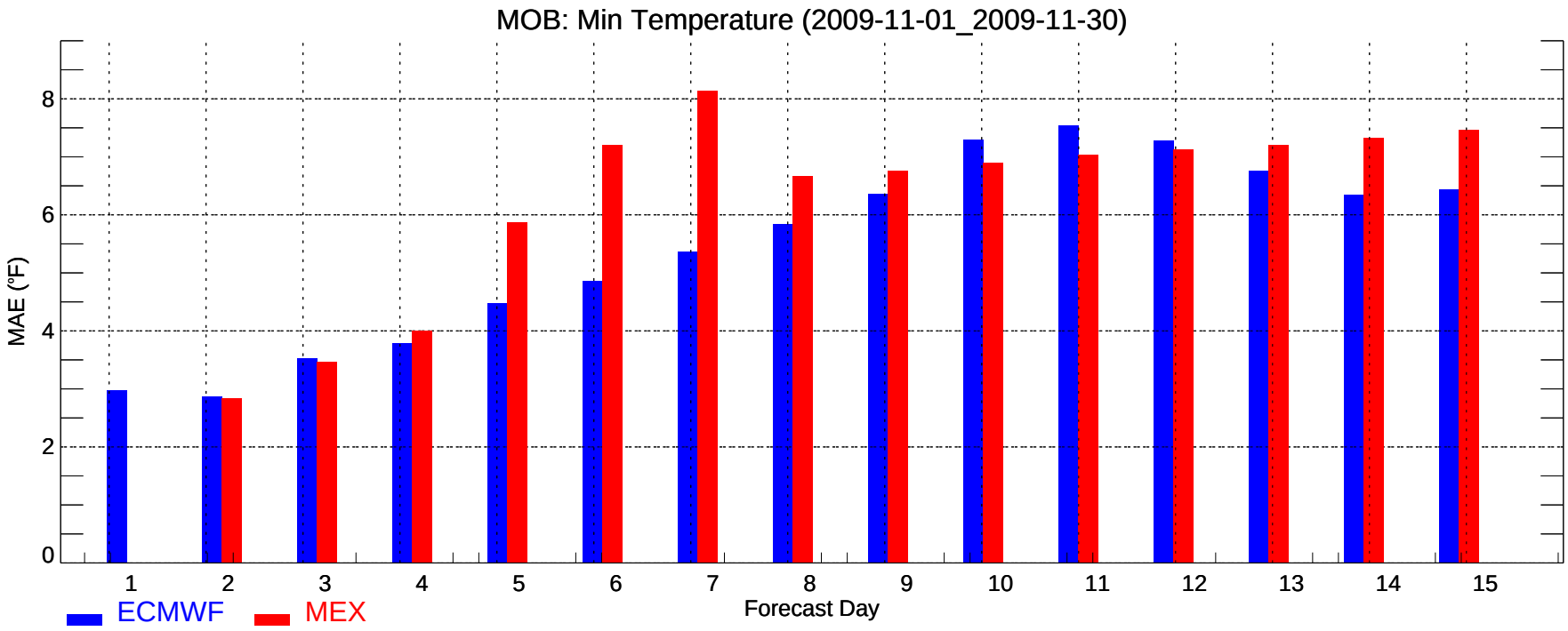

MKE: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

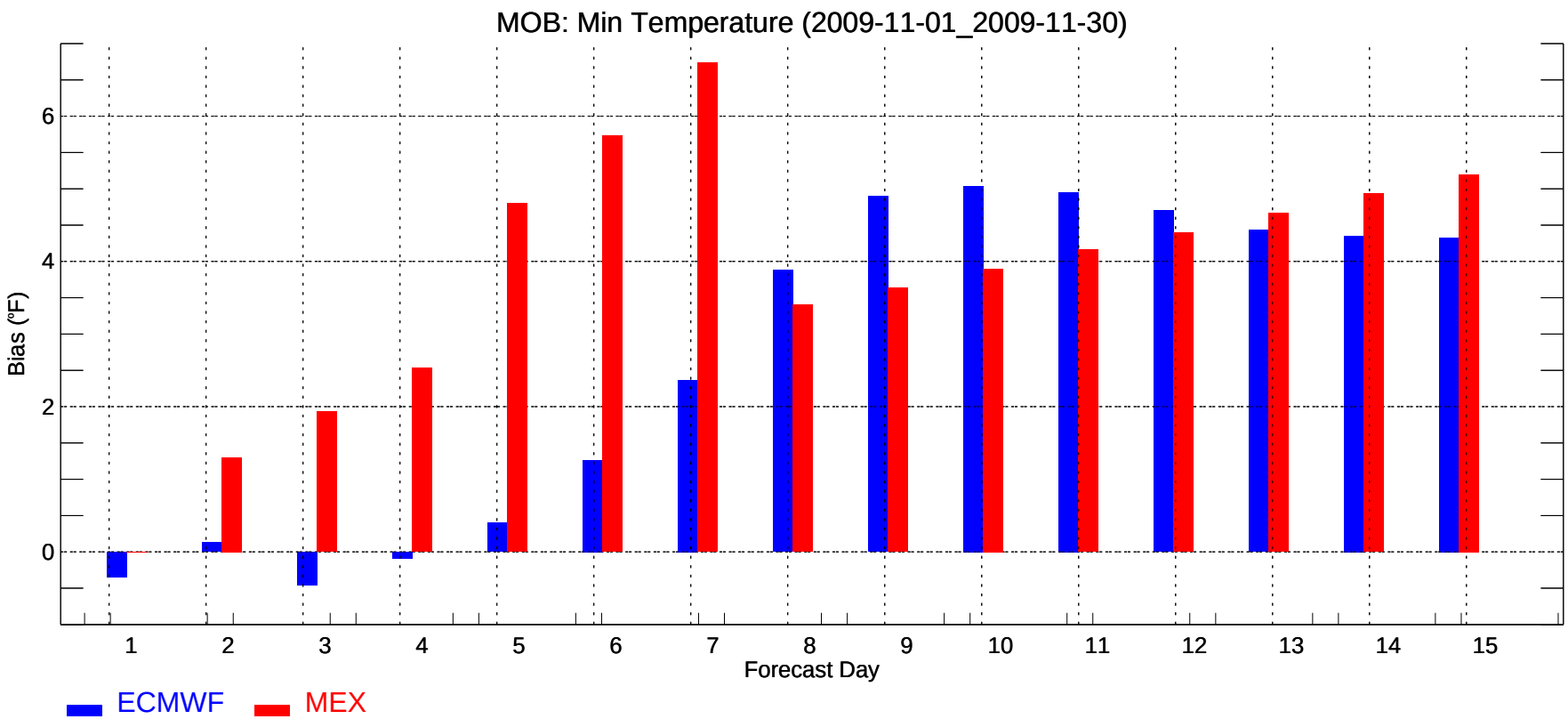

MKE: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
8
6
4
2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

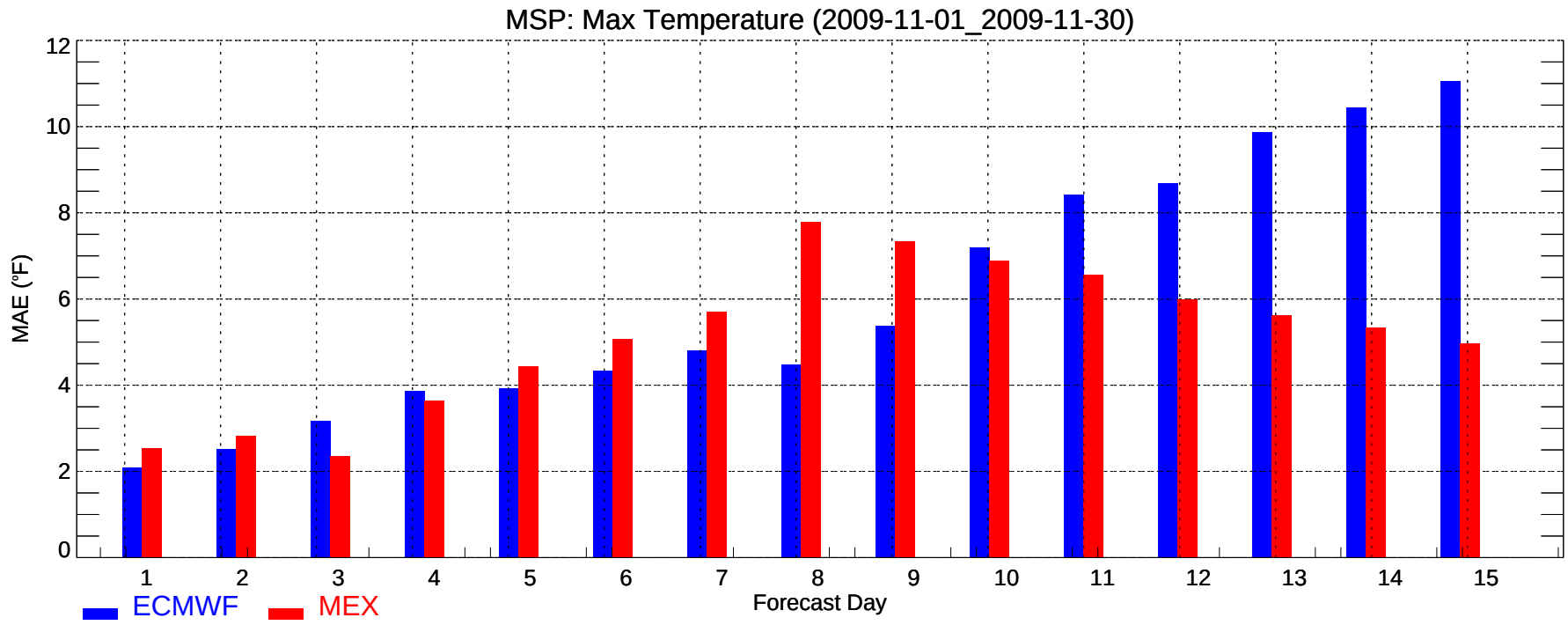

MKE: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

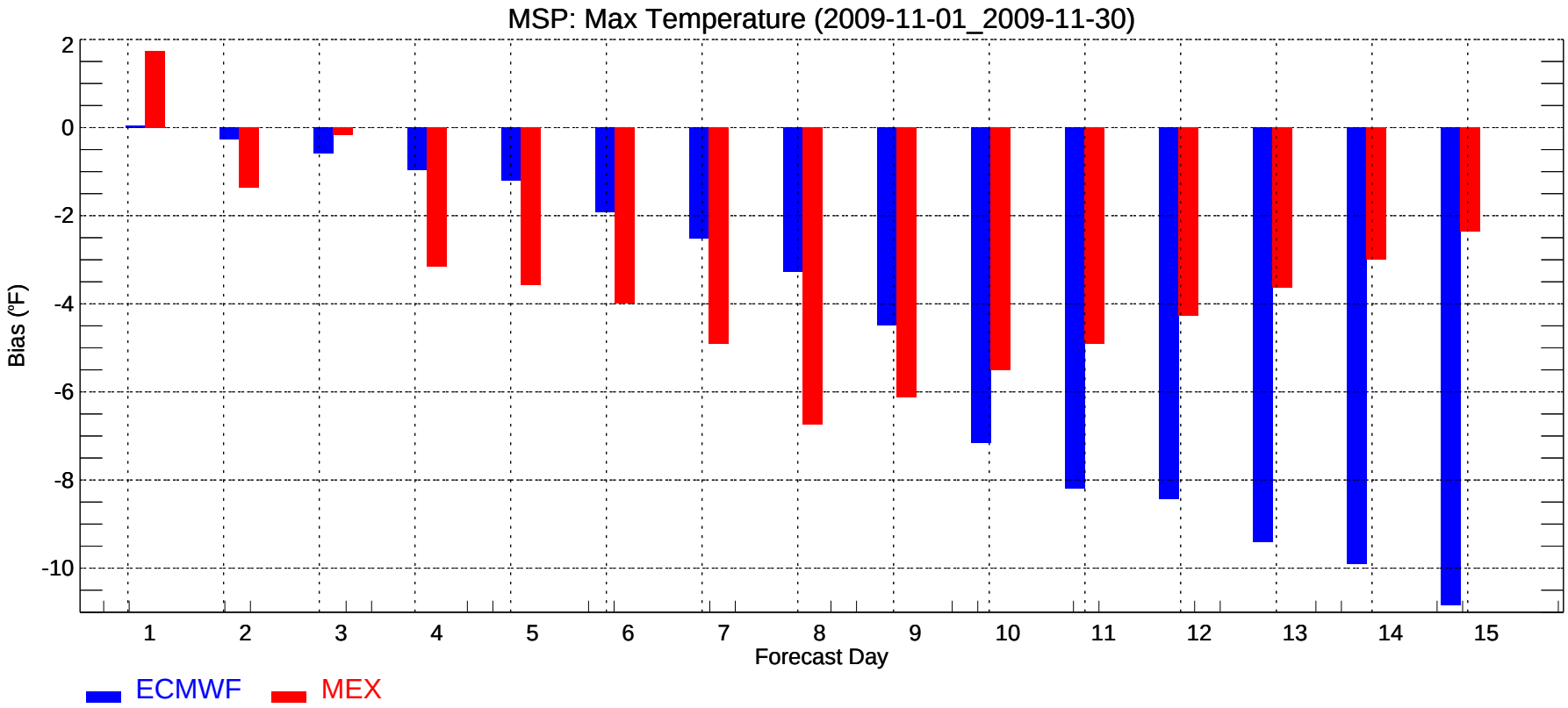

MOB: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

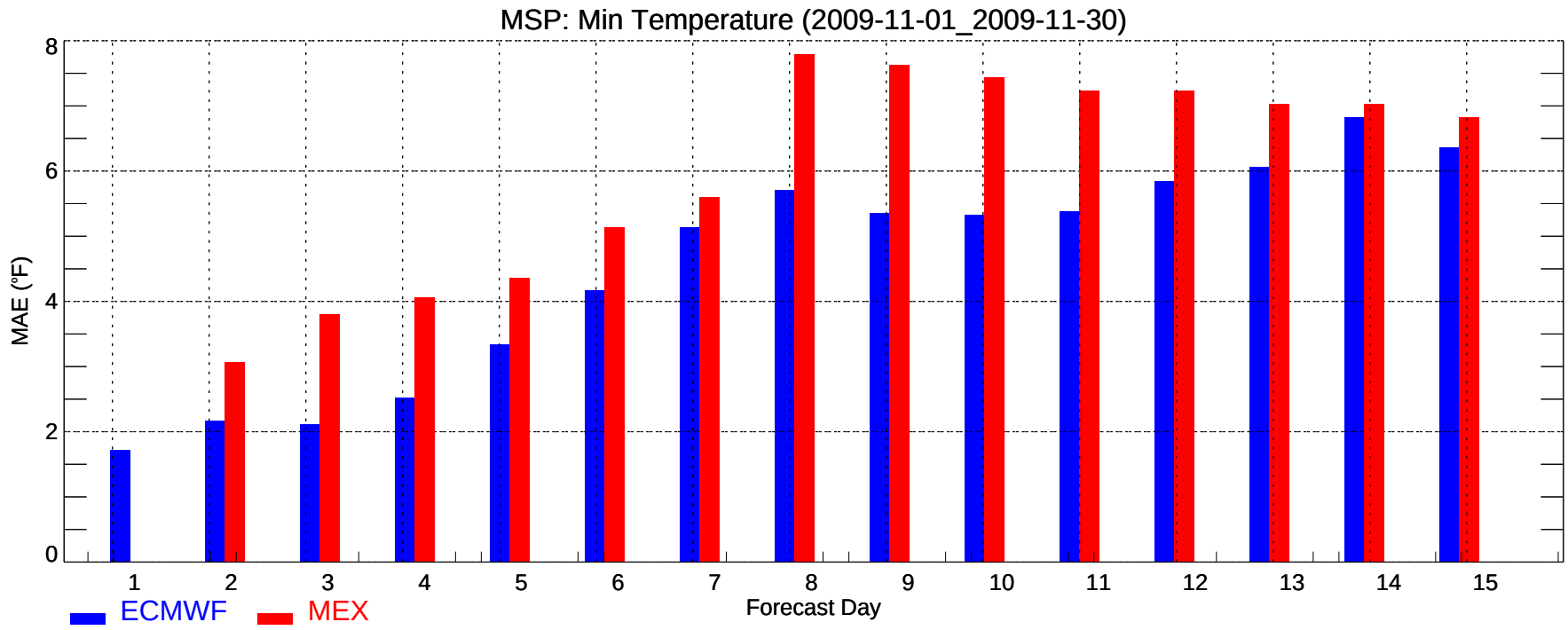

MOB: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

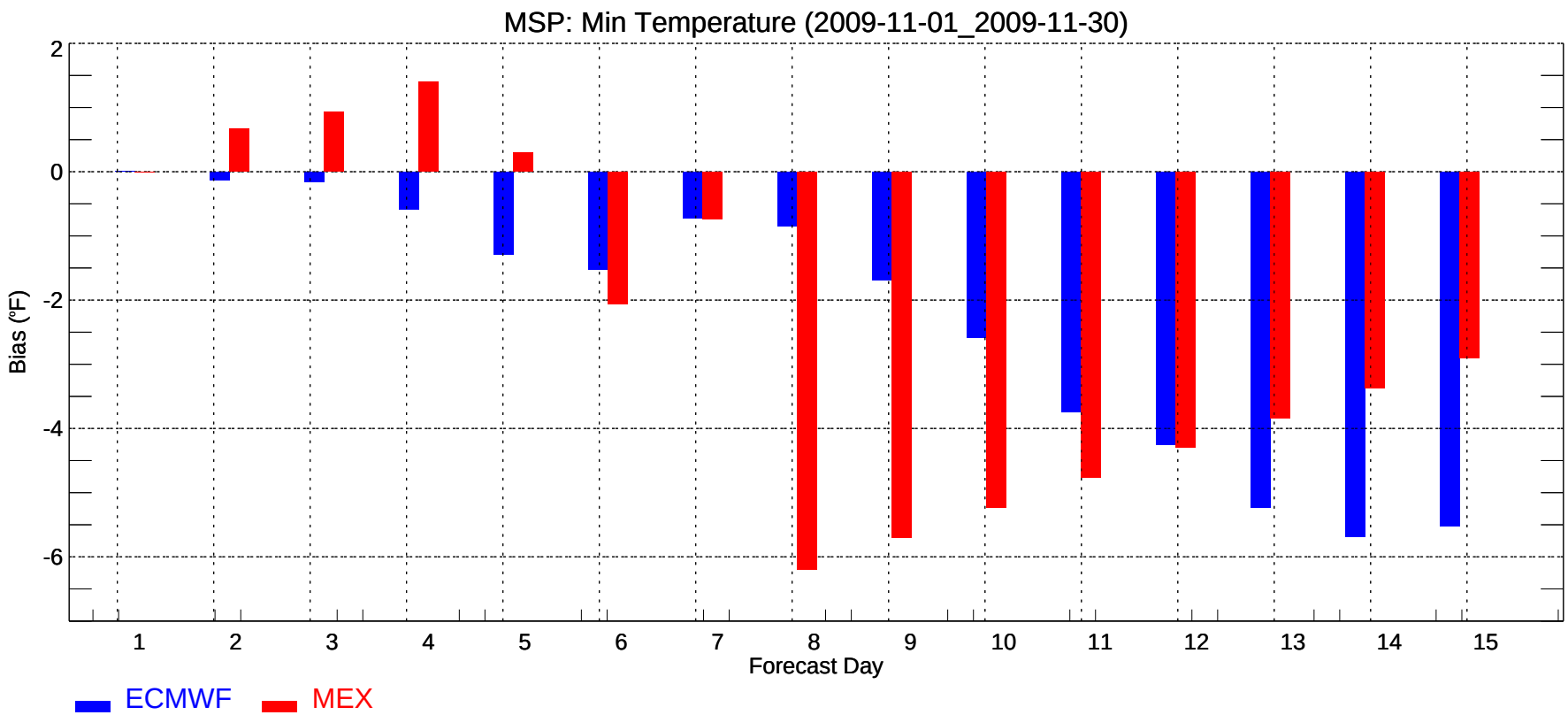

MOB: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

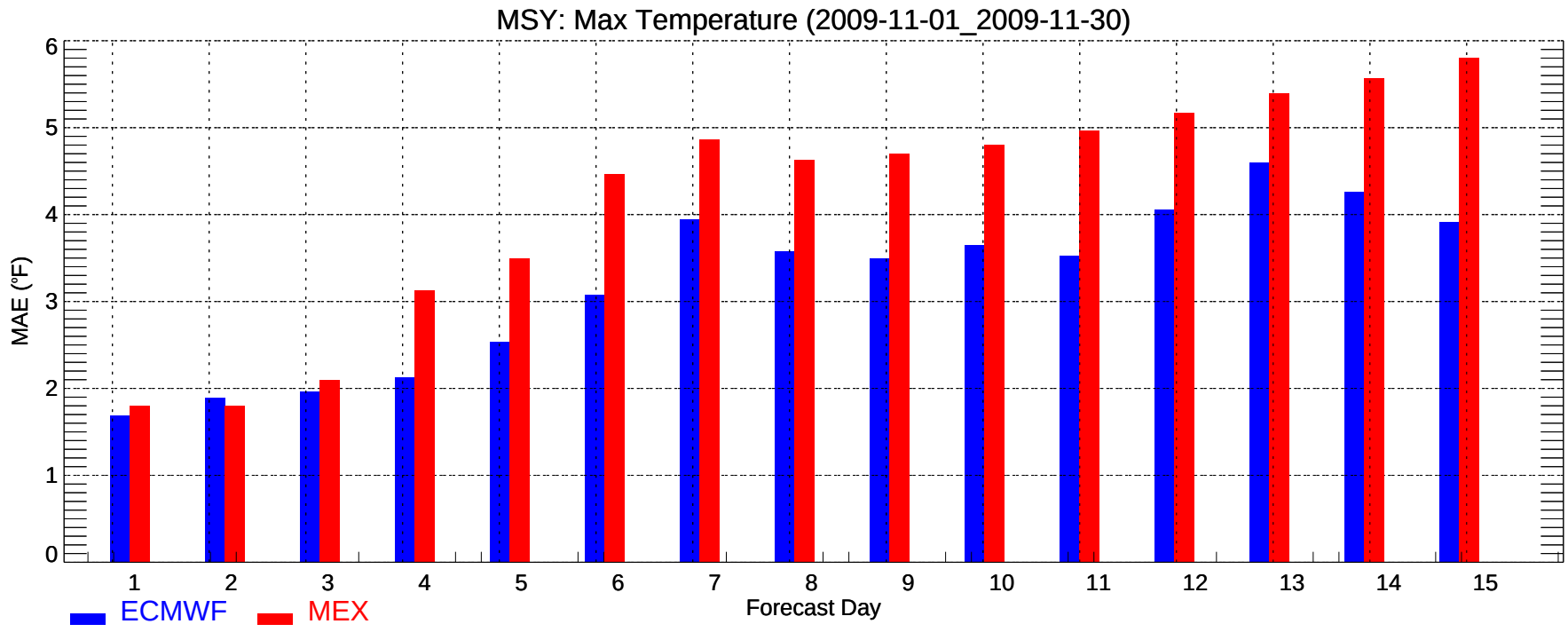

MOB: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

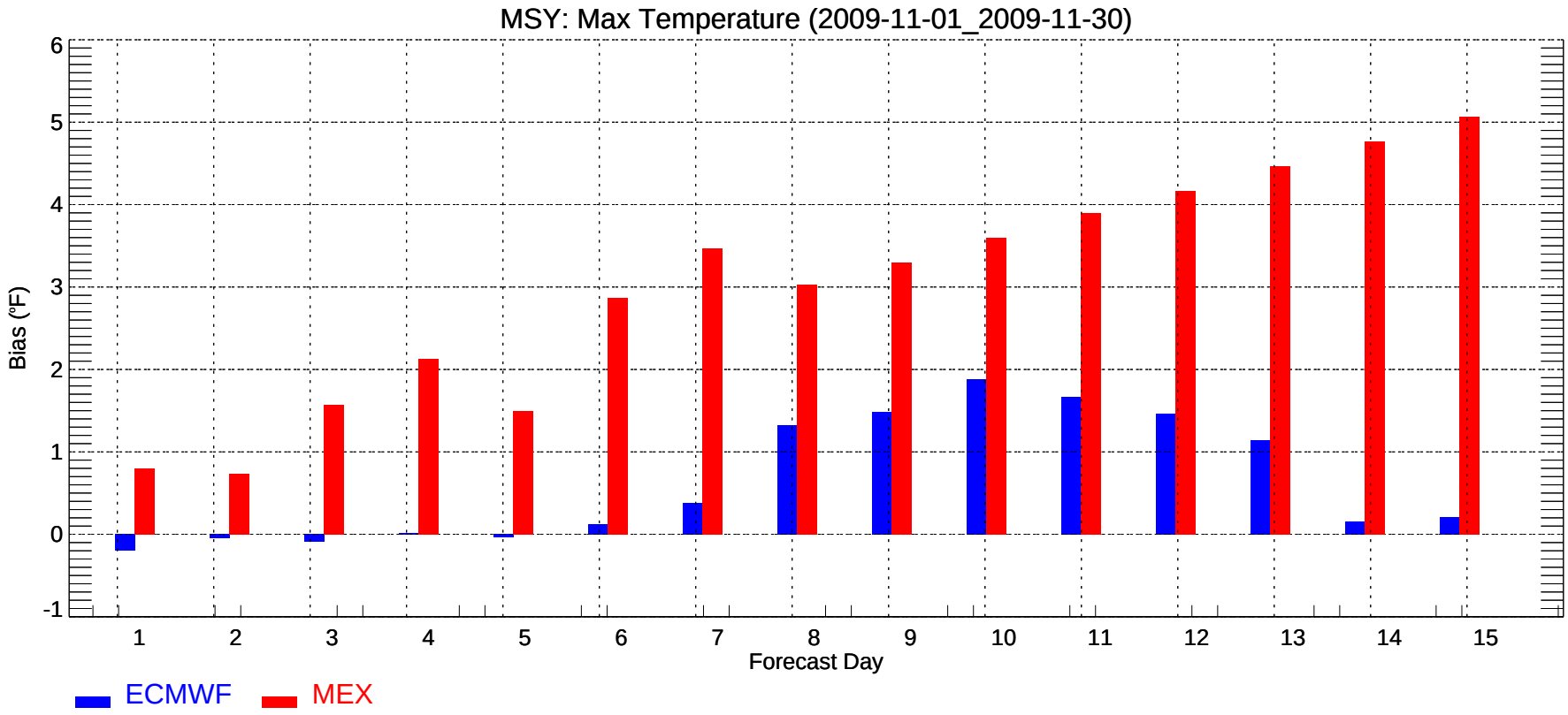

MSP: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

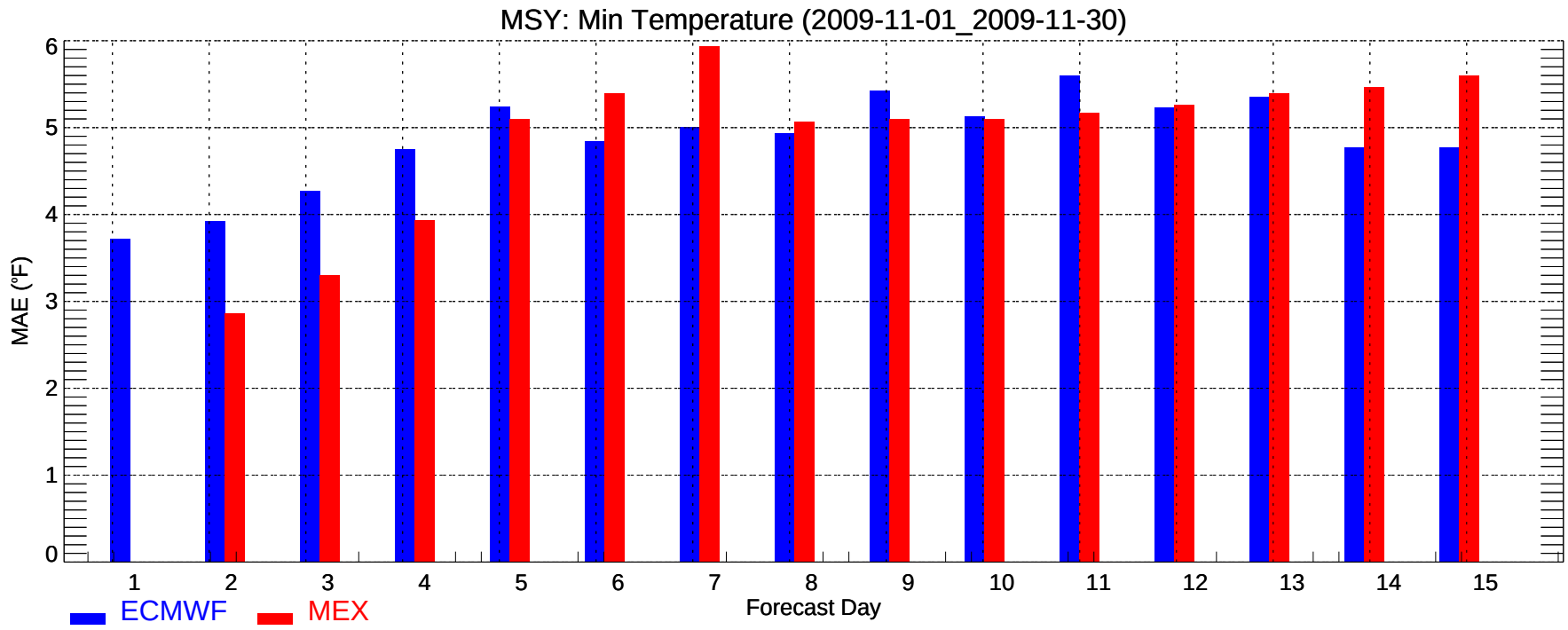

MSP: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

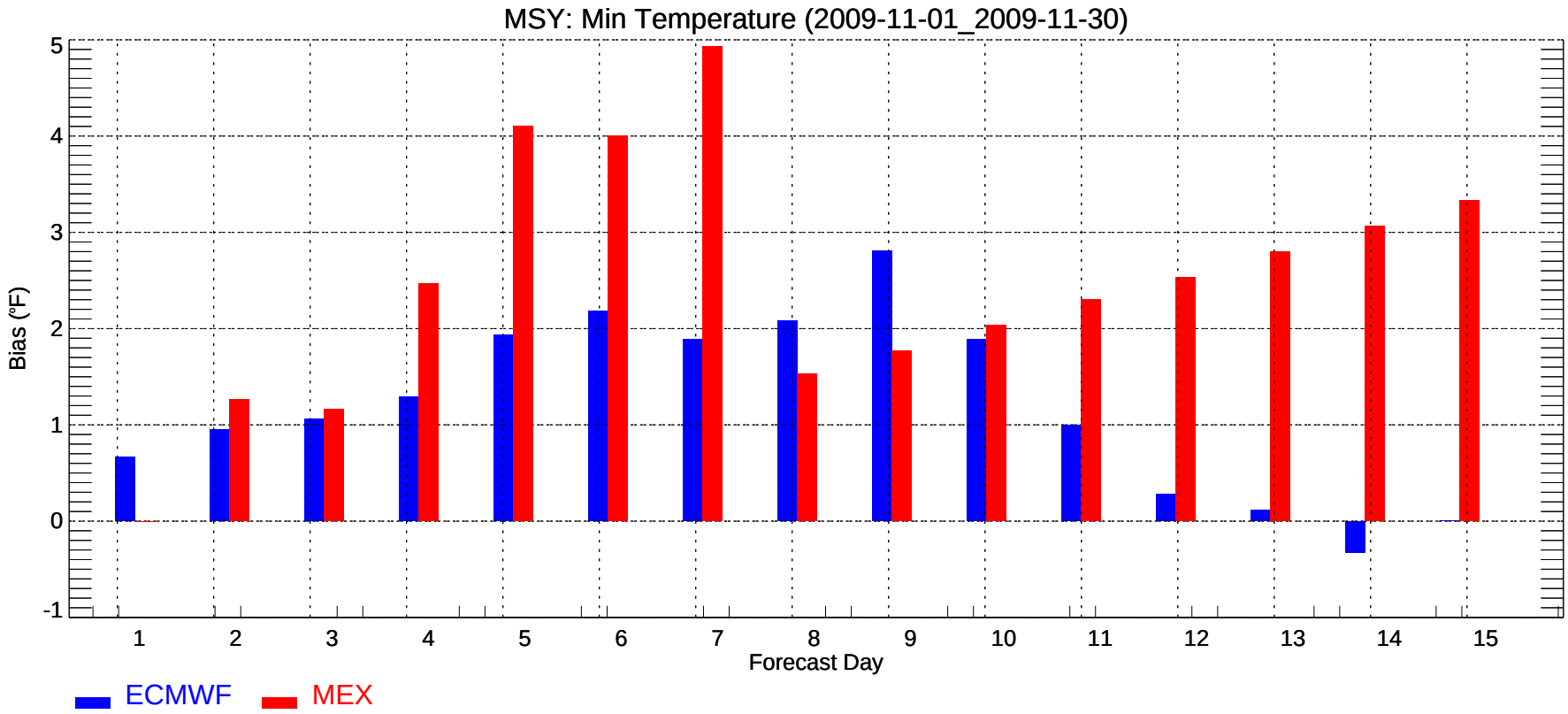

MSP: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

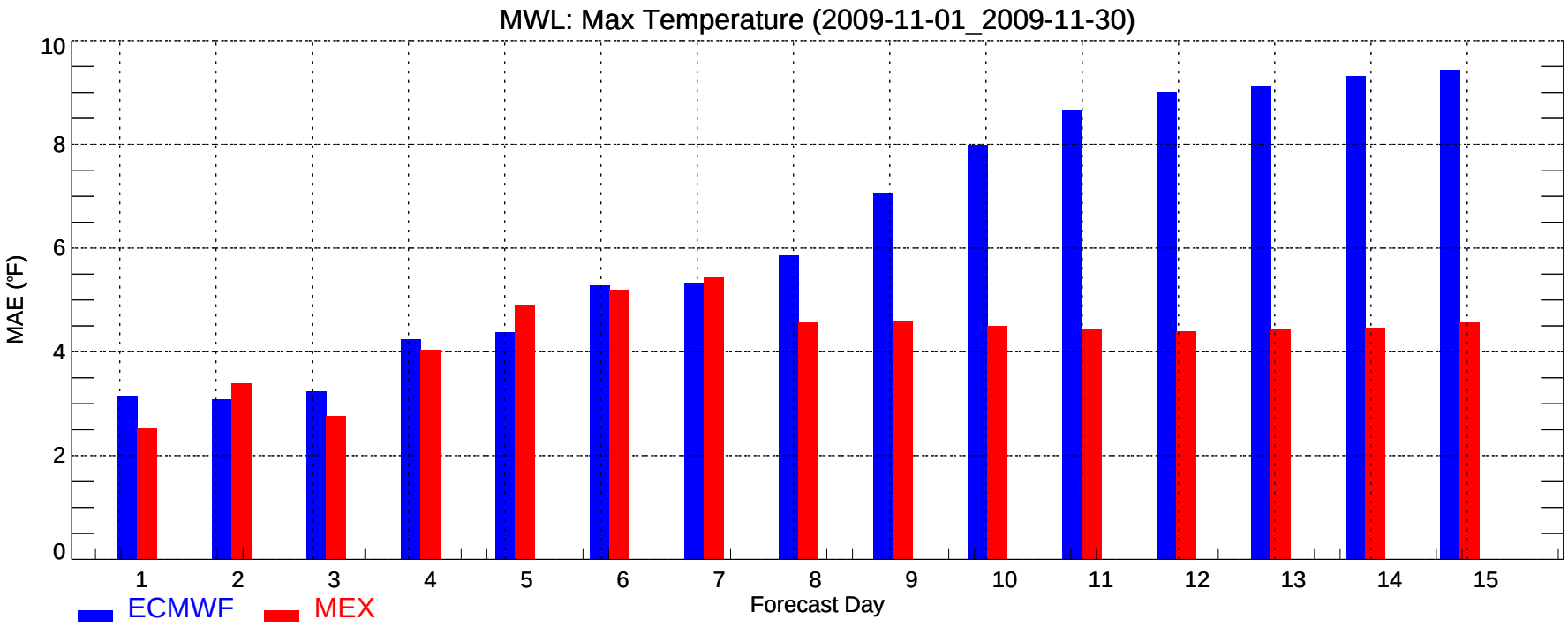

MSP: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

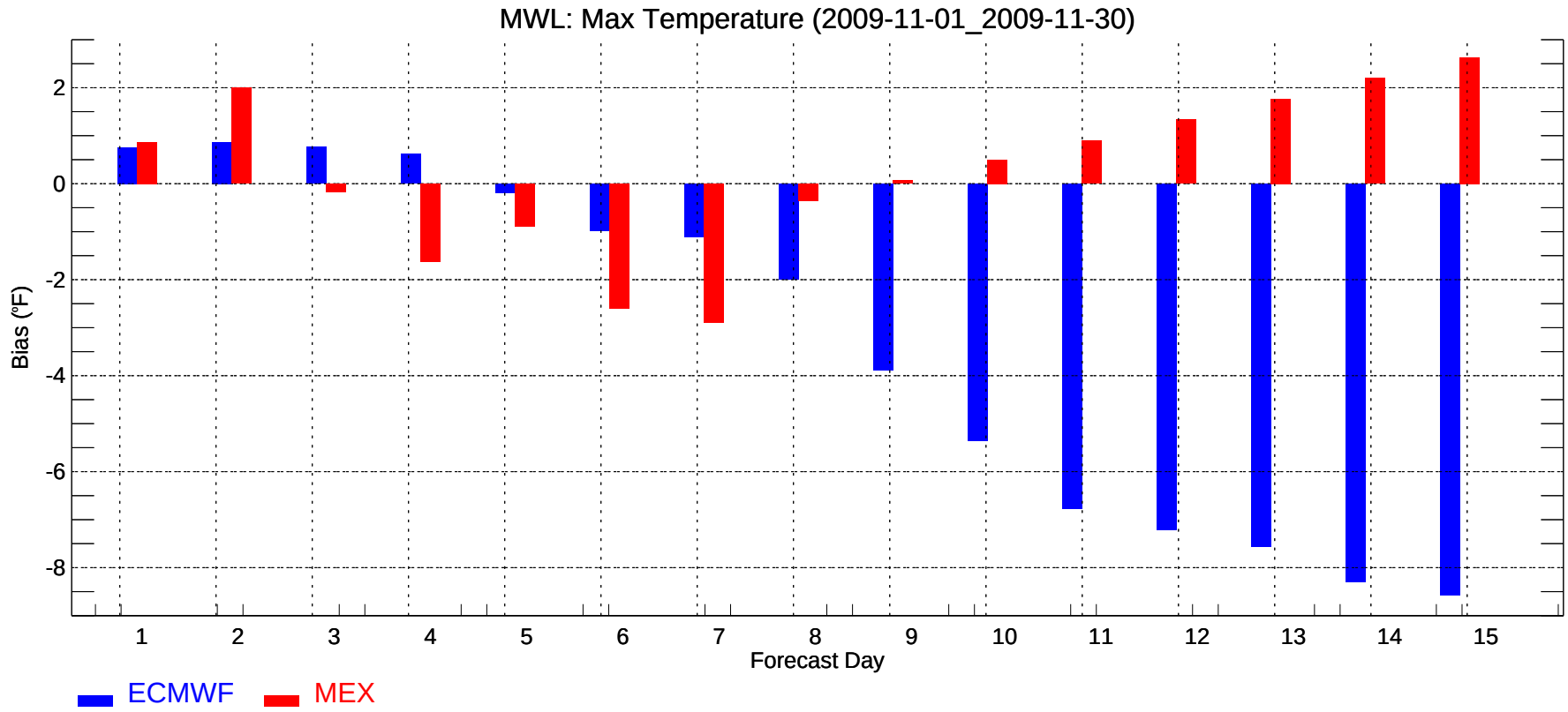

MSY: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

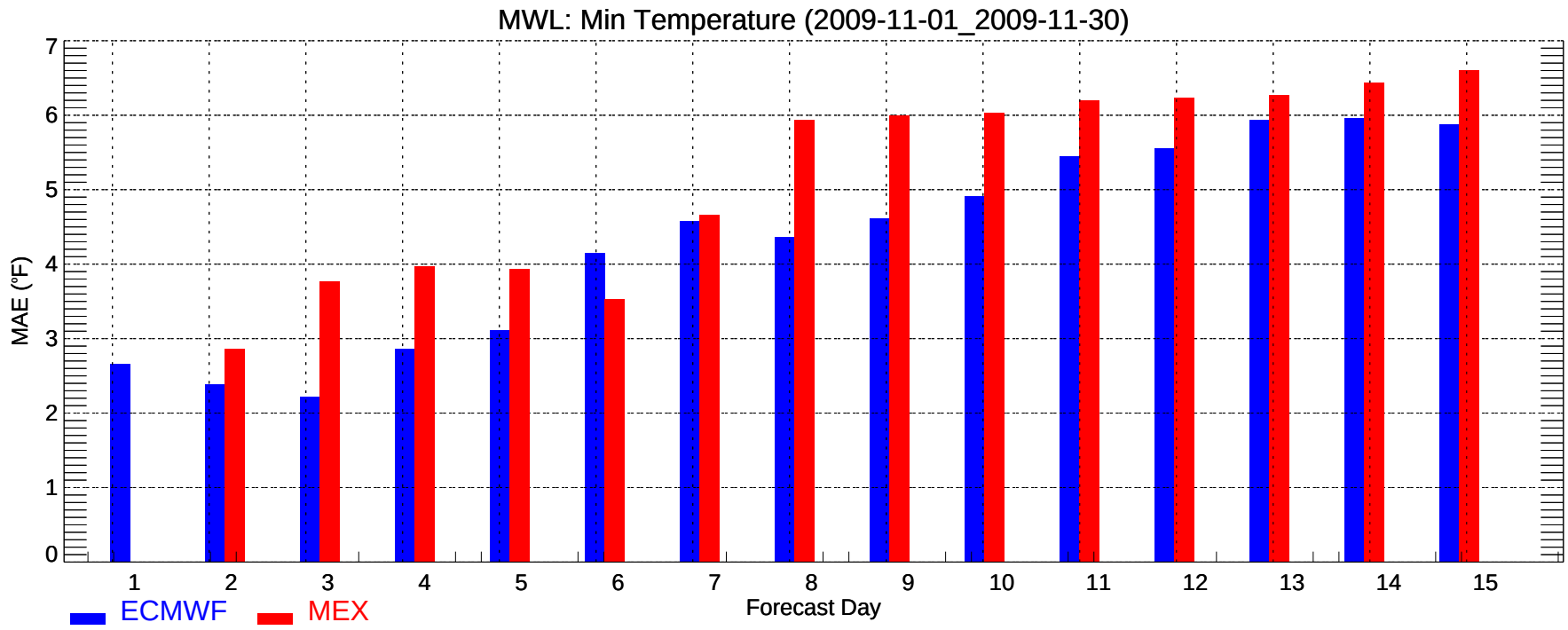

MSY: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

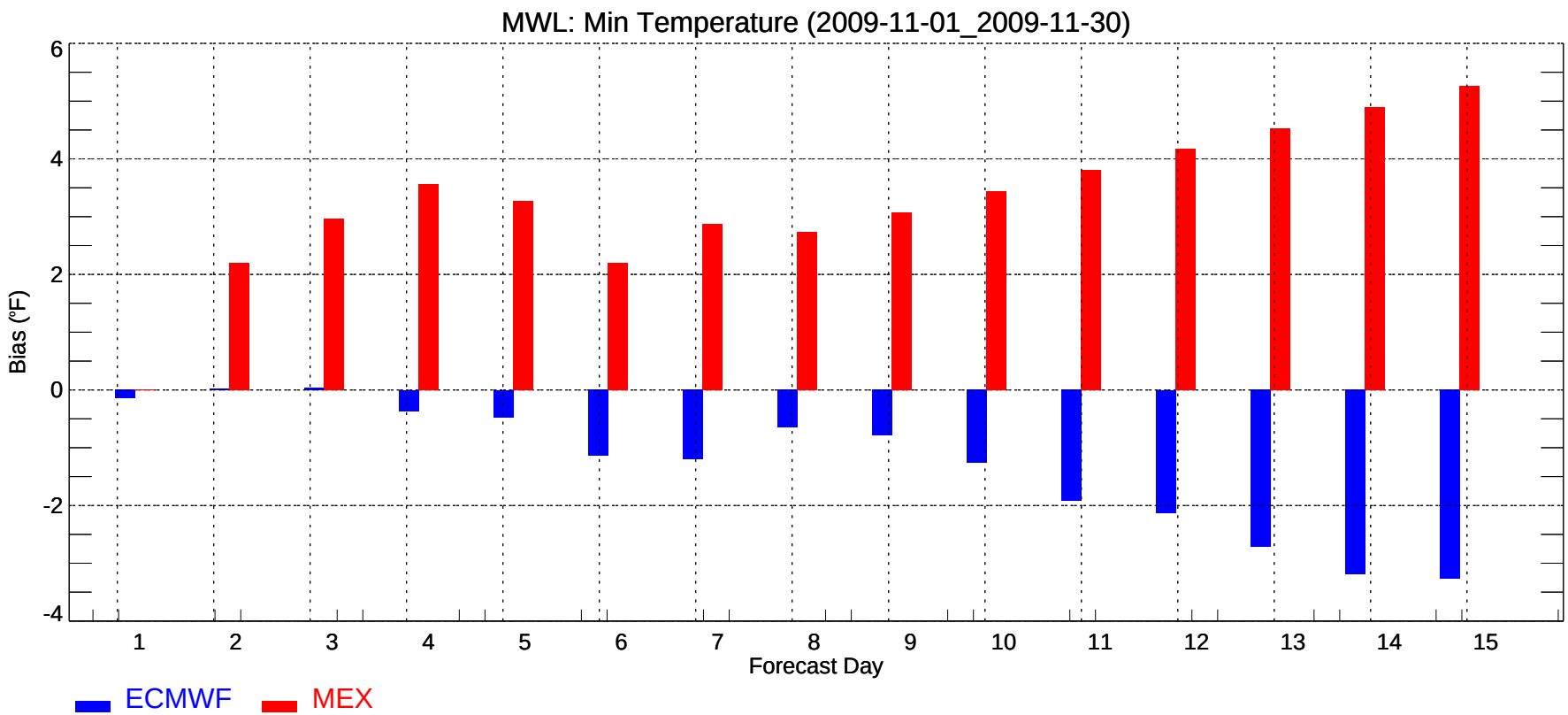

MSY: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MSY: Min Temperature (2009-11-01_2009-11-30)
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


MWL: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MWL: Max Temperature (2009-11-01_2009-11-30)
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


MWL: Min Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
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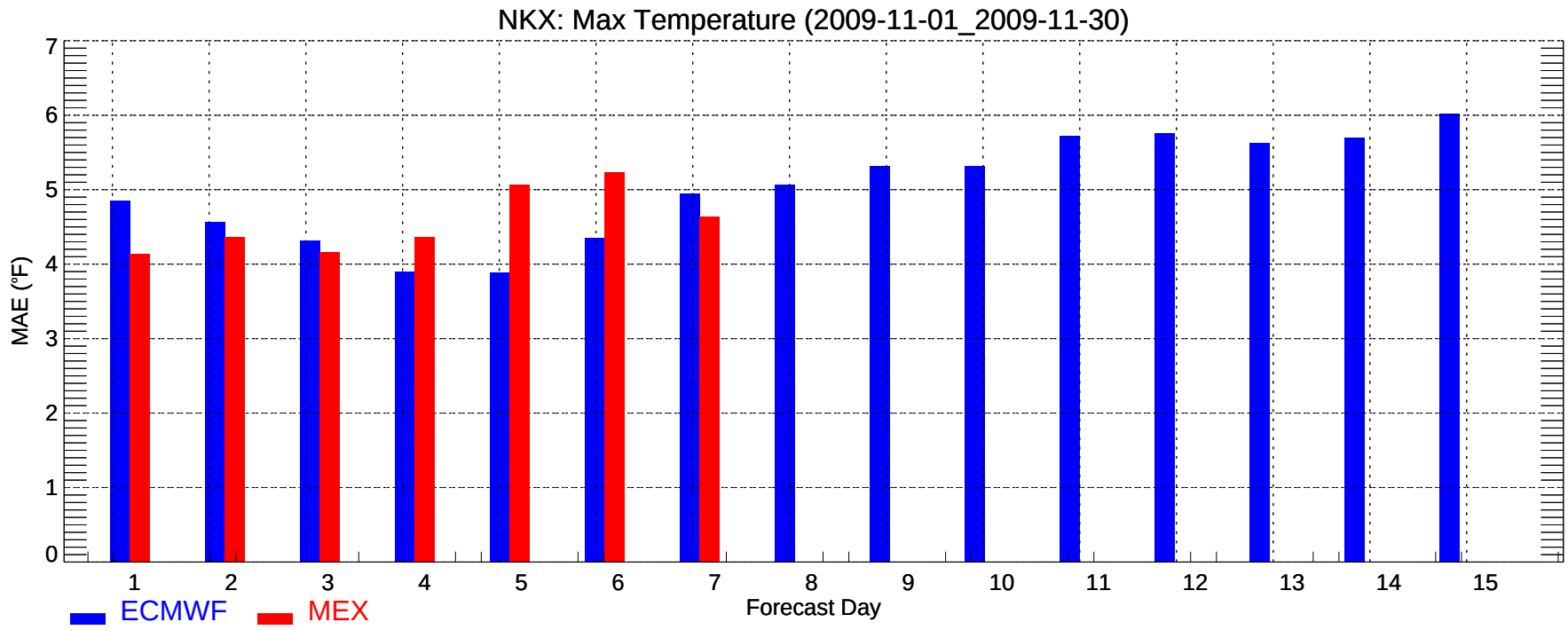
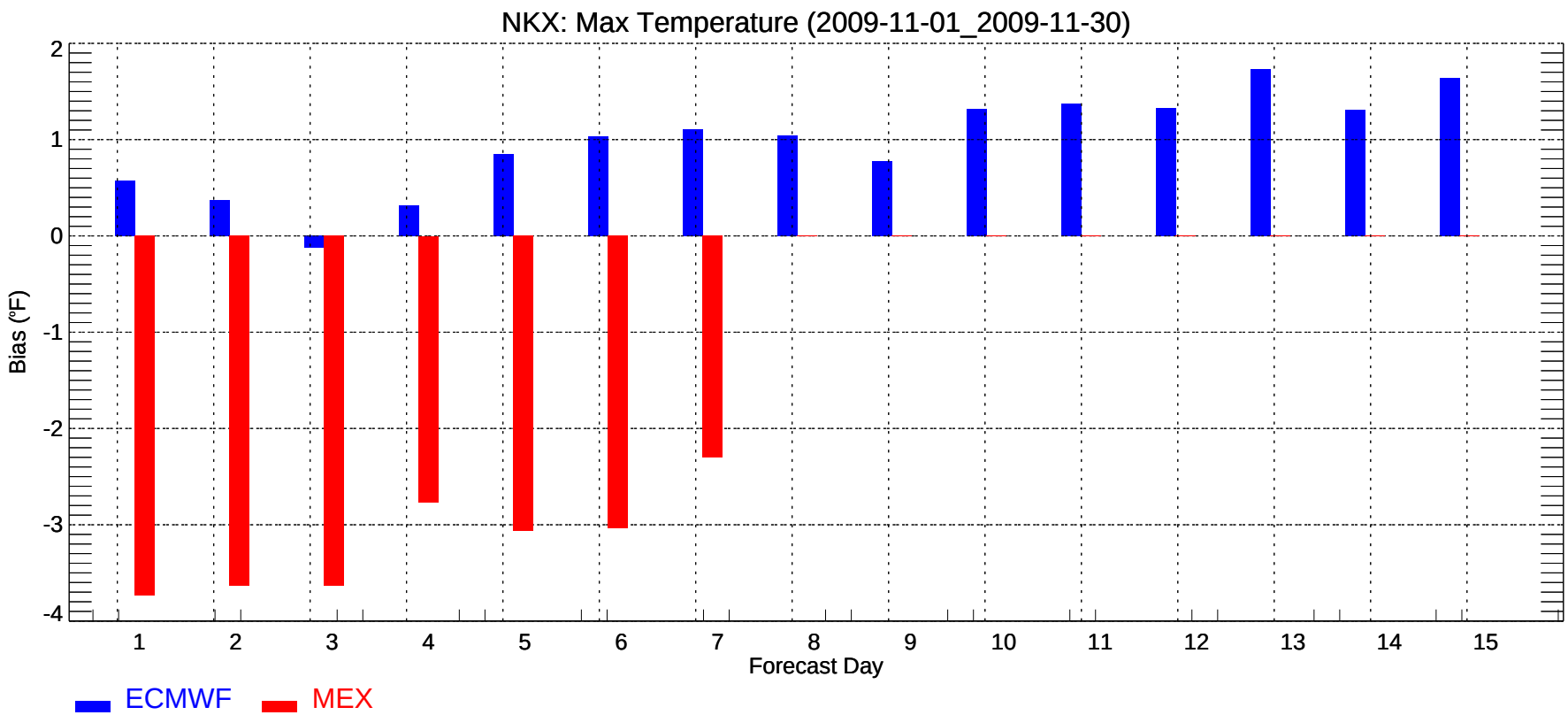
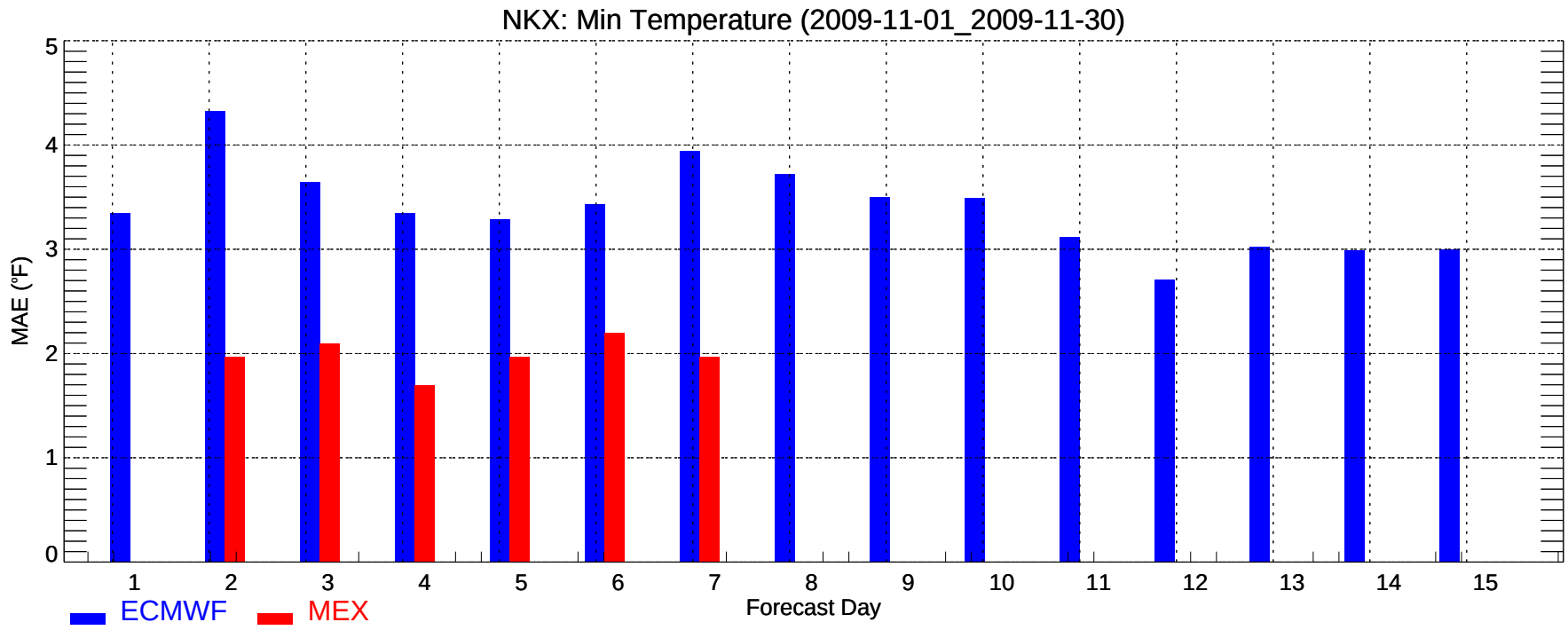
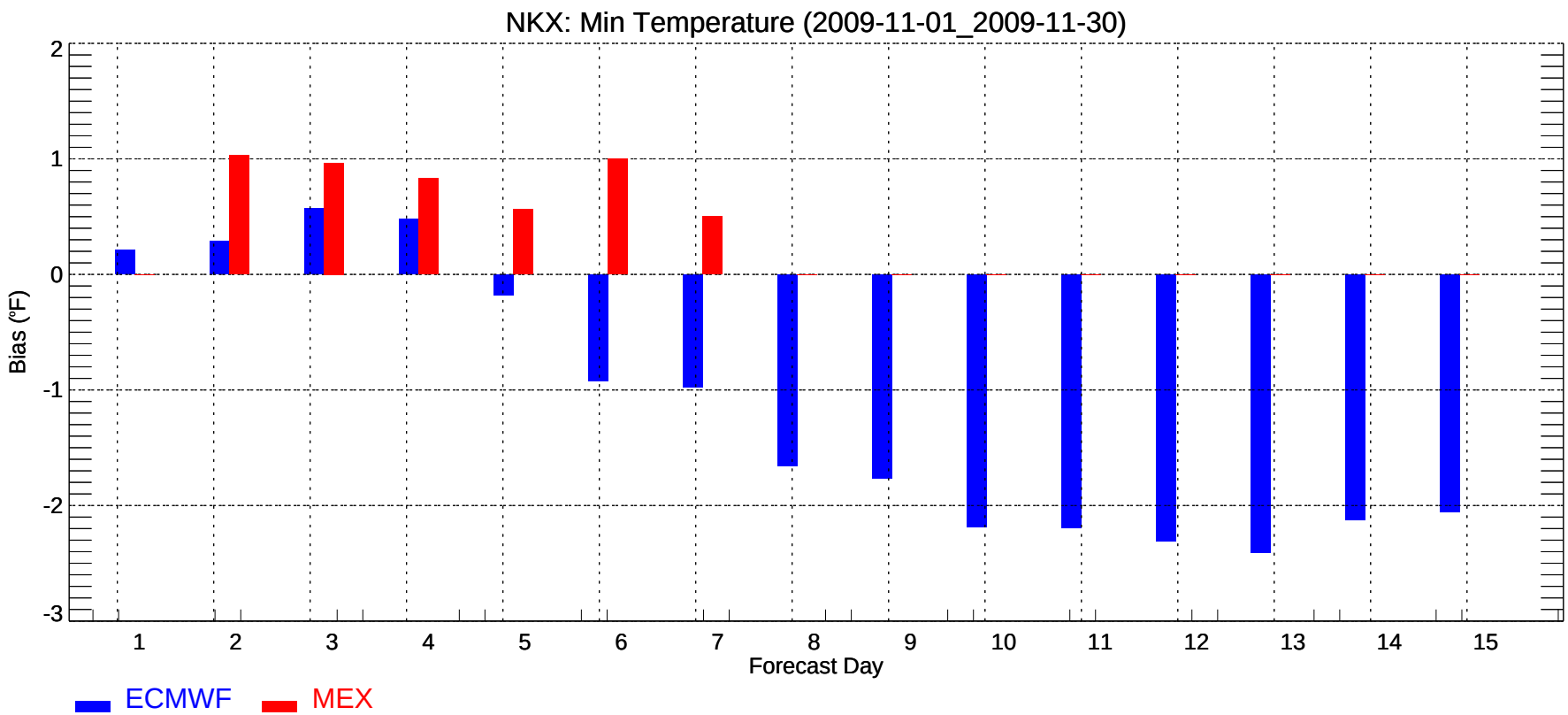
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NKX: Max Temperature (2009-11-01_2009-11-30)
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


NKX: Max Temperature (2009-11-01_2009-11-30)
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


NKX: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NKX: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
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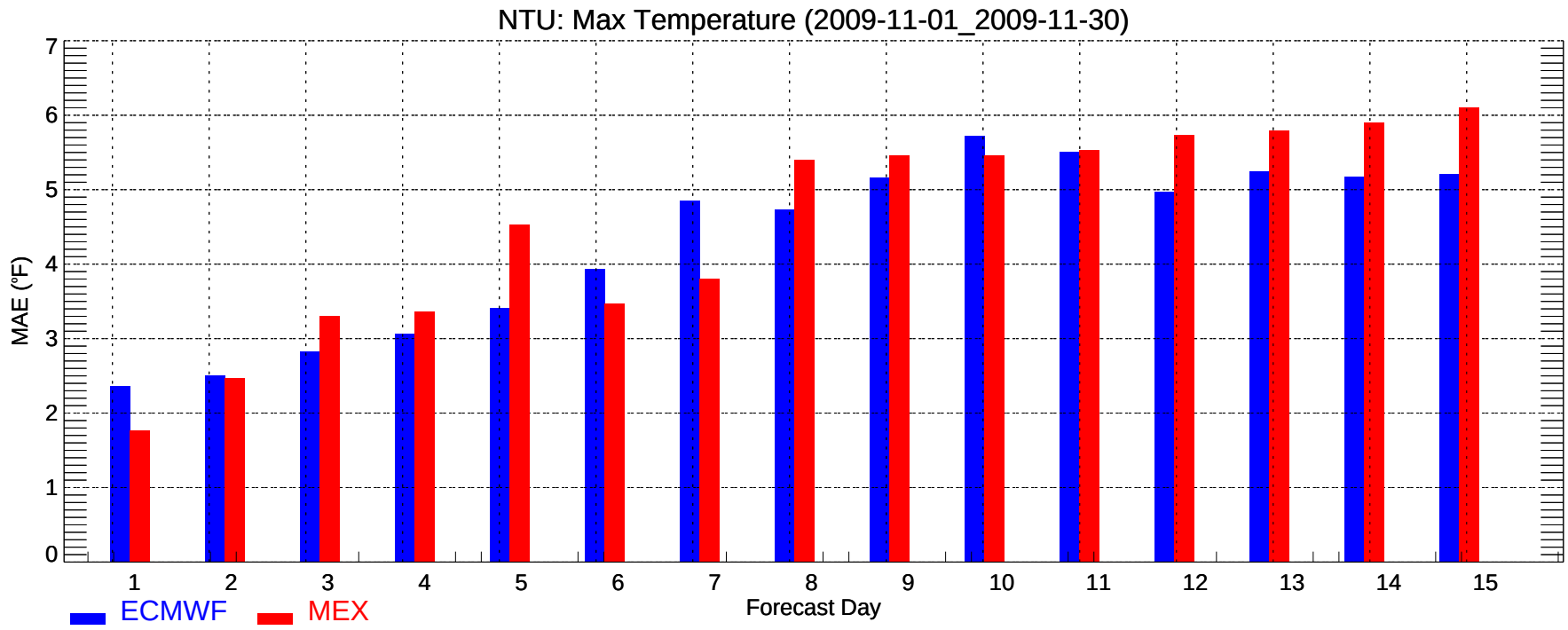
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NTU: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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5
6
7
8
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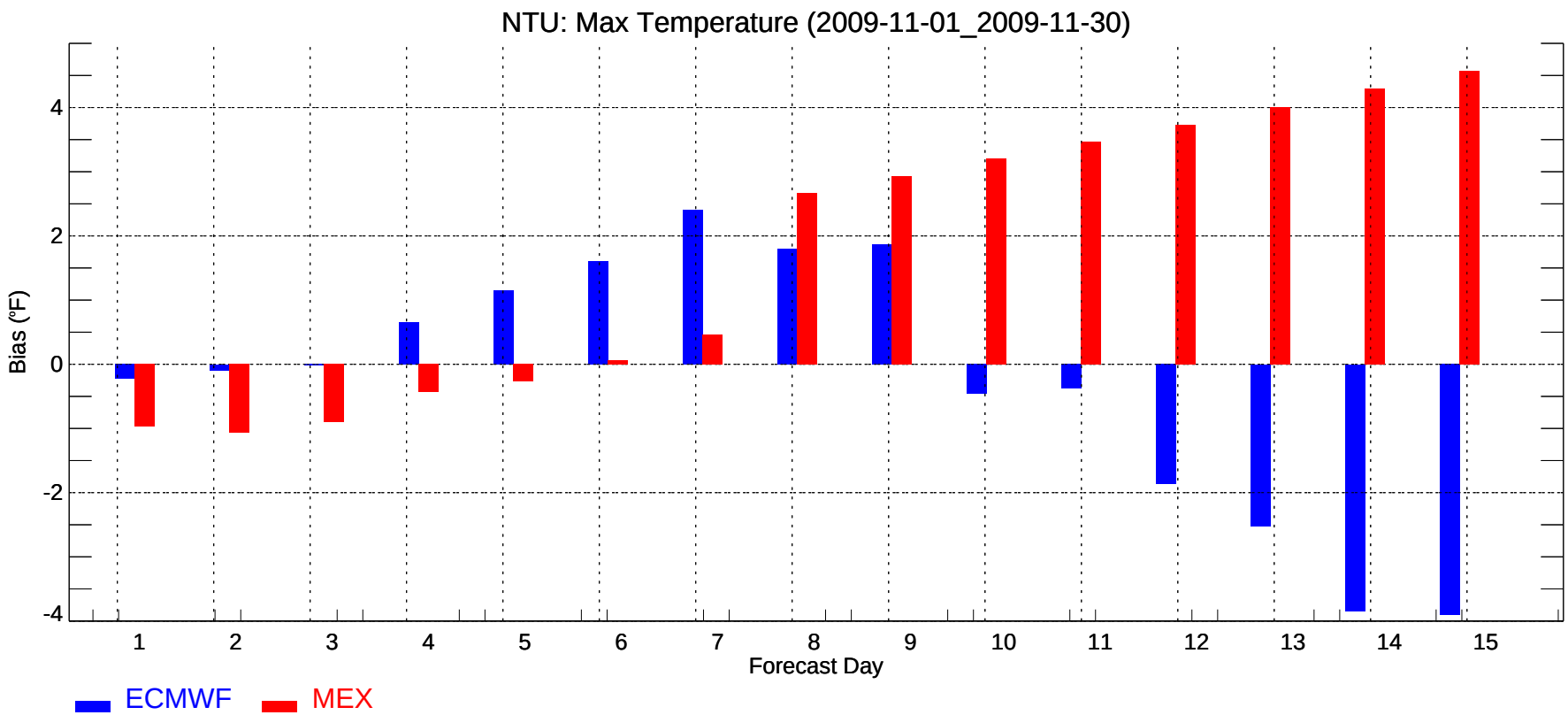
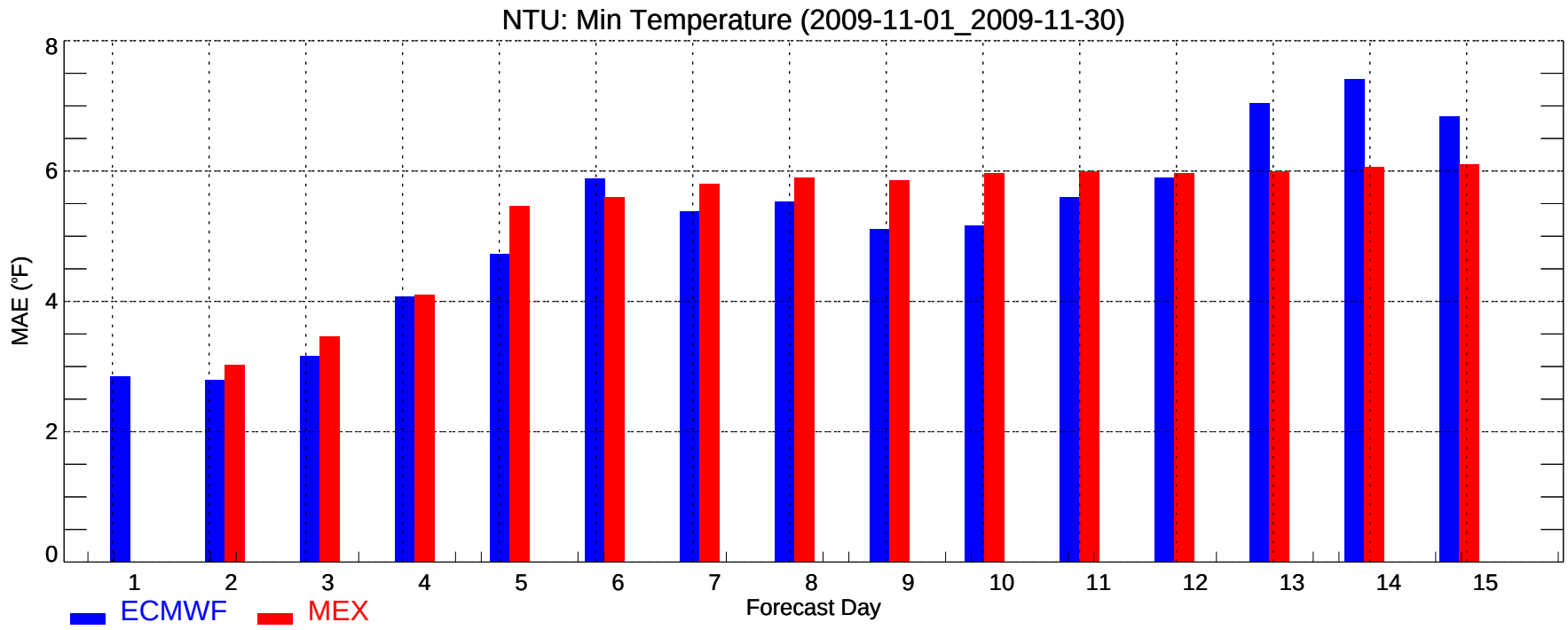
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NTU: Max Temperature (2009-11-01_2009-11-30)
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


NTU: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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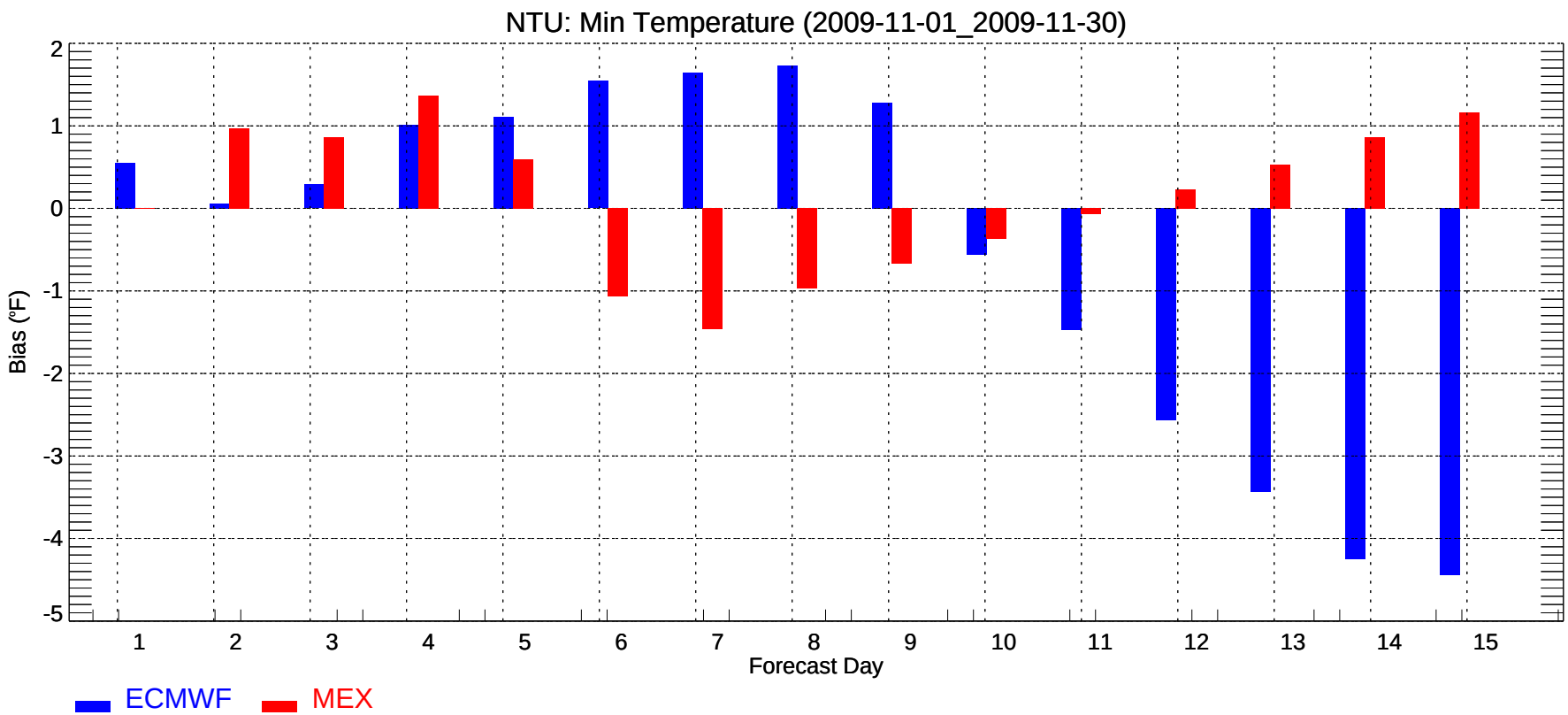
11
12
13
14
15
Forecast Day
ECMWF
MEX


NTU: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
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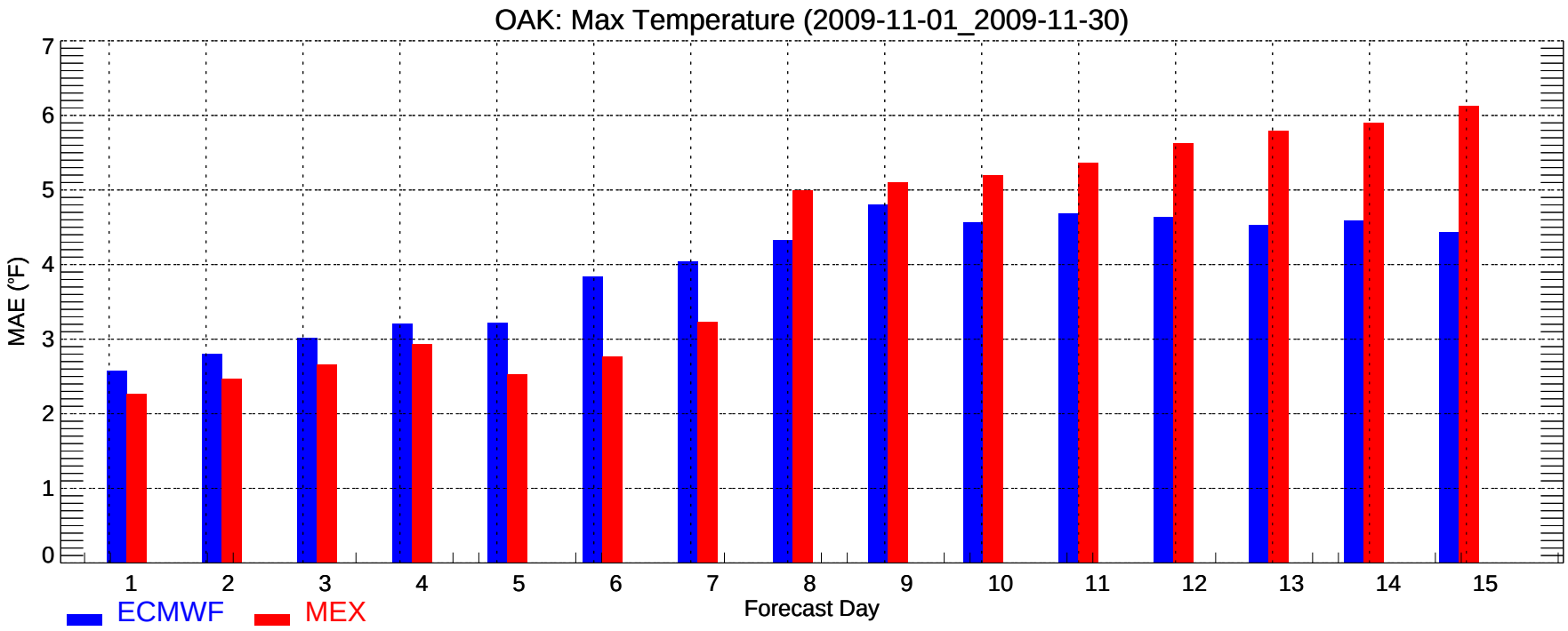
12
13
14
15
Forecast Day
ECMWF
MEX


OAK: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
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1
2
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6
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8
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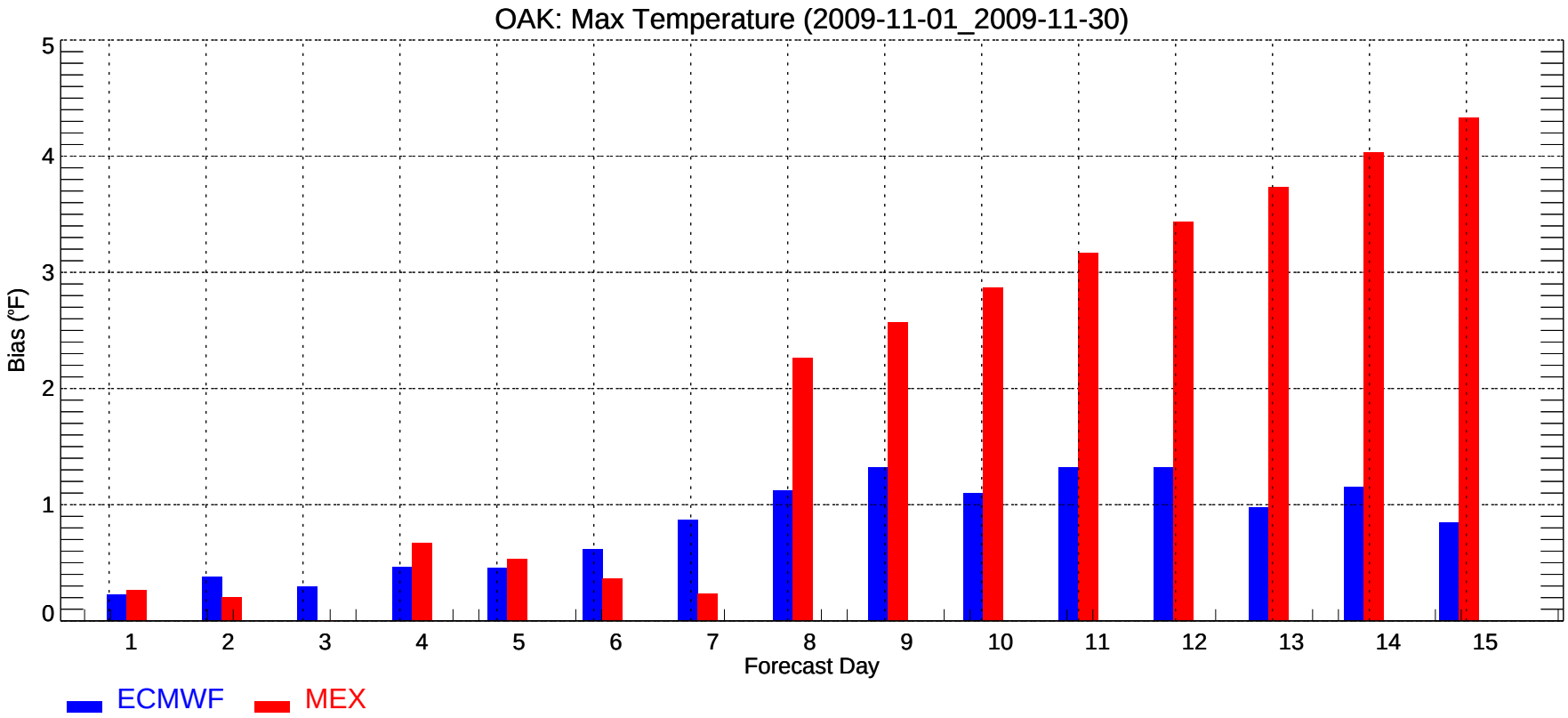
12
13
14
15
Forecast Day
ECMWF
MEX


OAK: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
1
2
3
4
5
1
2
3
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5
6
7
8
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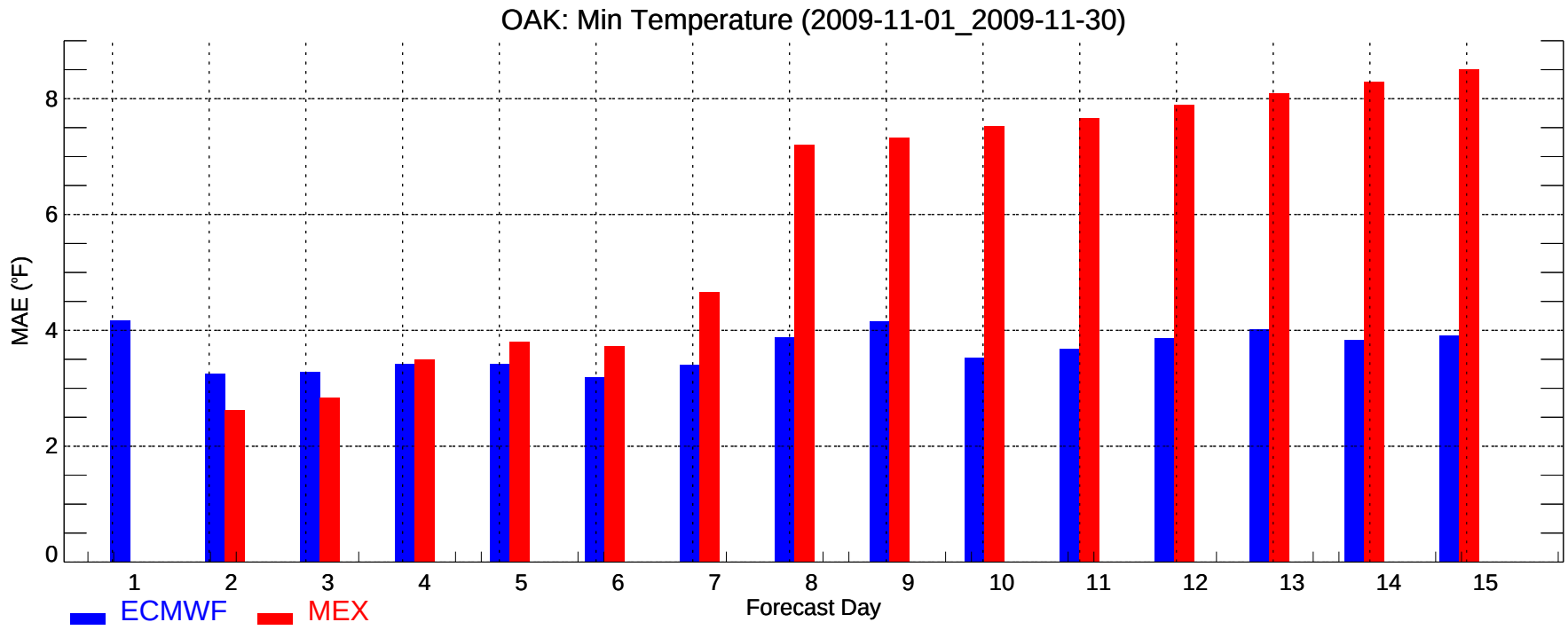
12
13
14
15
Forecast Day
ECMWF
MEX


OAK: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
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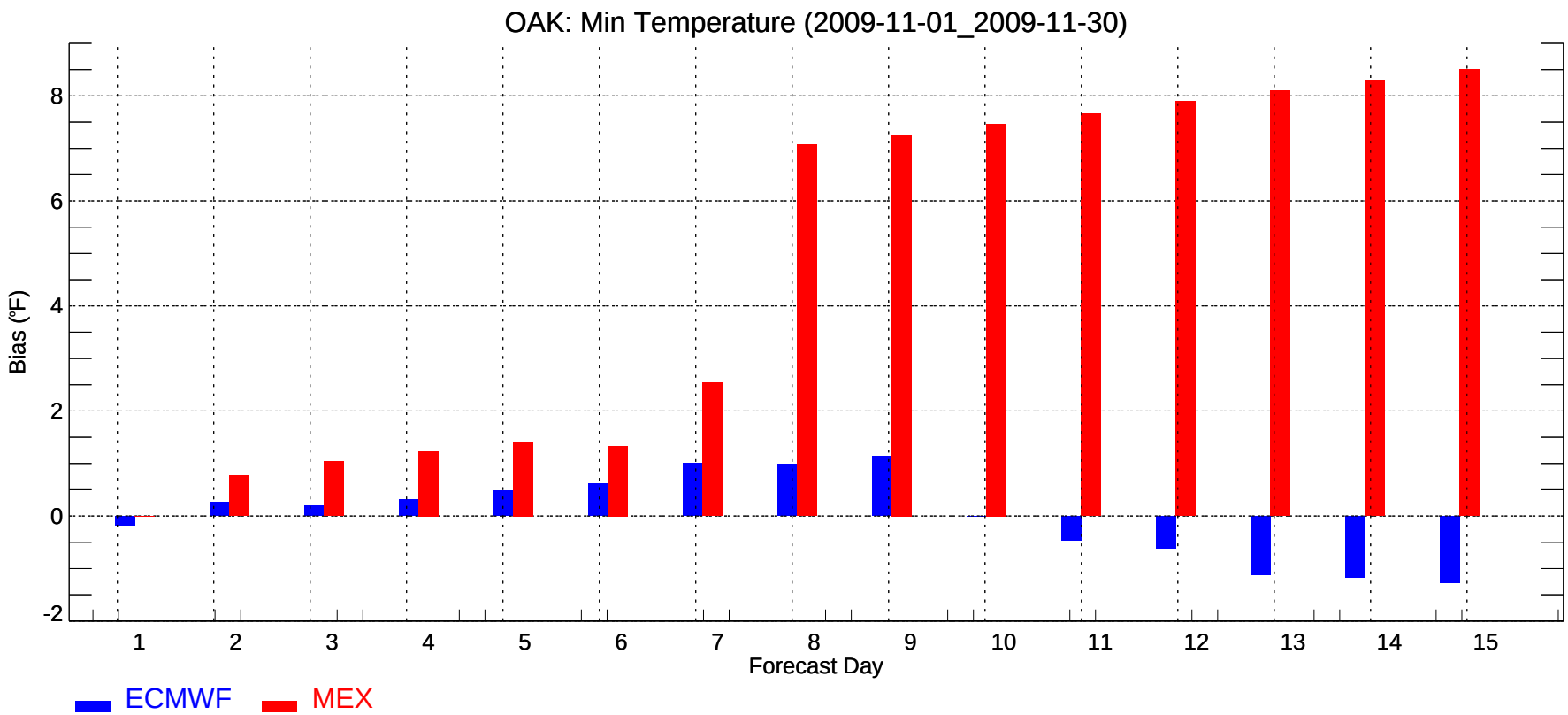
12
13
14
15
Forecast Day
ECMWF
MEX


OAK: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
0
2
4
6
8
1
2
3
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5
6
7
8
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10
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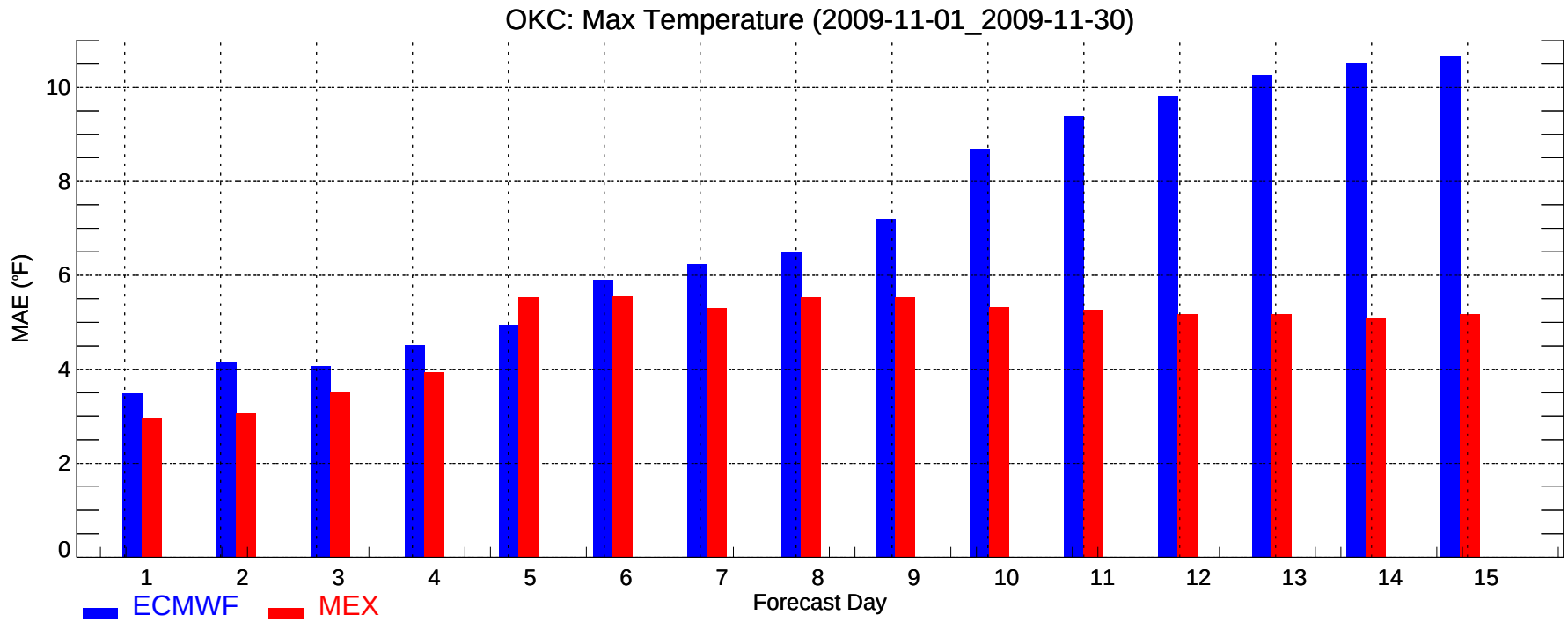
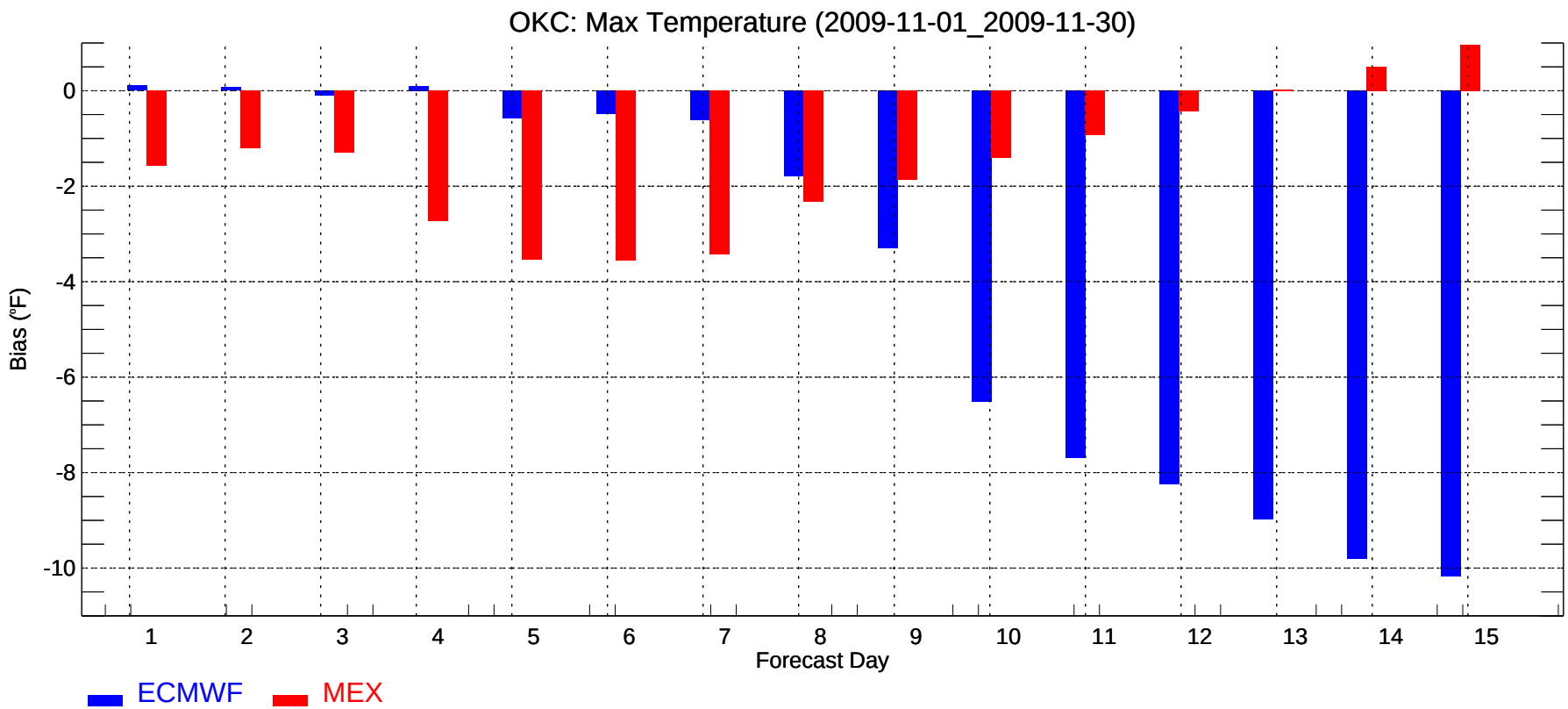
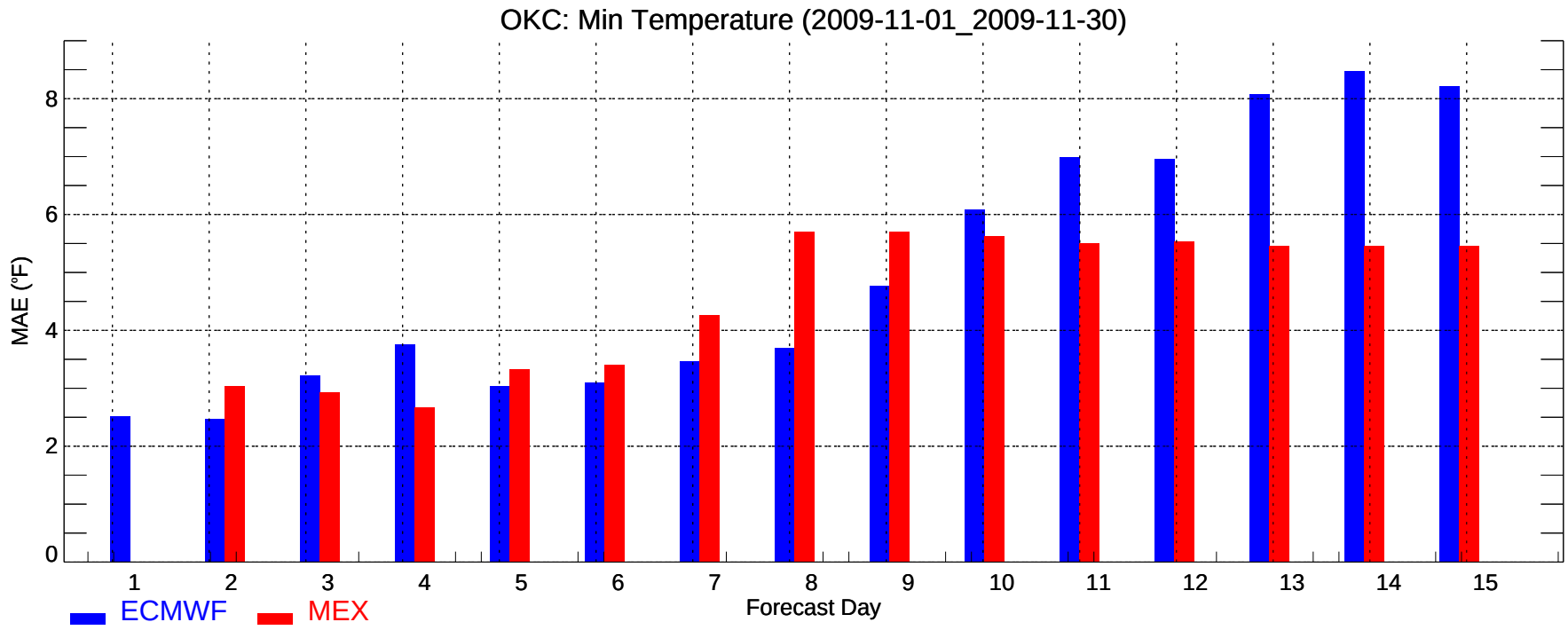
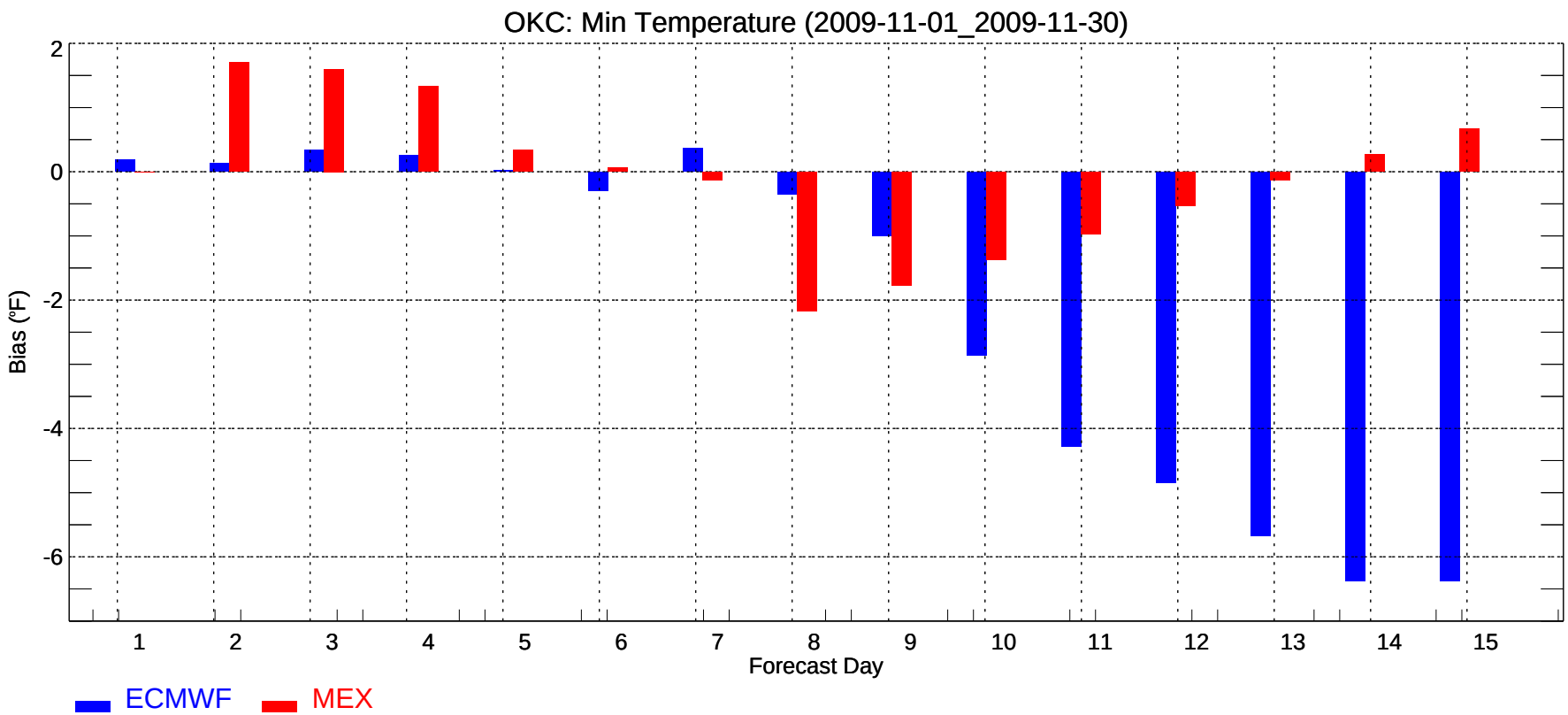
12
13
14
15
Forecast Day
ECMWF
MEX


OKC: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OKC: Max Temperature (2009-11-01_2009-11-30)
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


OKC: Min Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
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7
8
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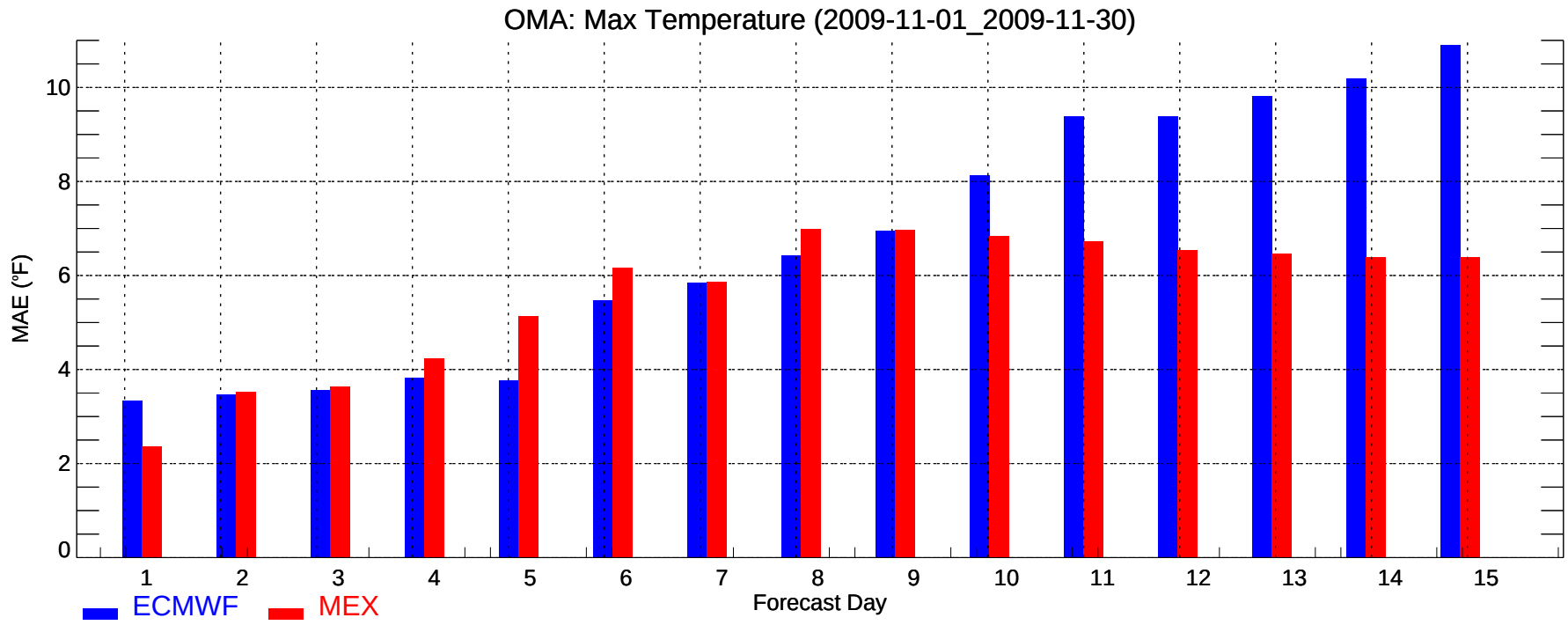
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OMA: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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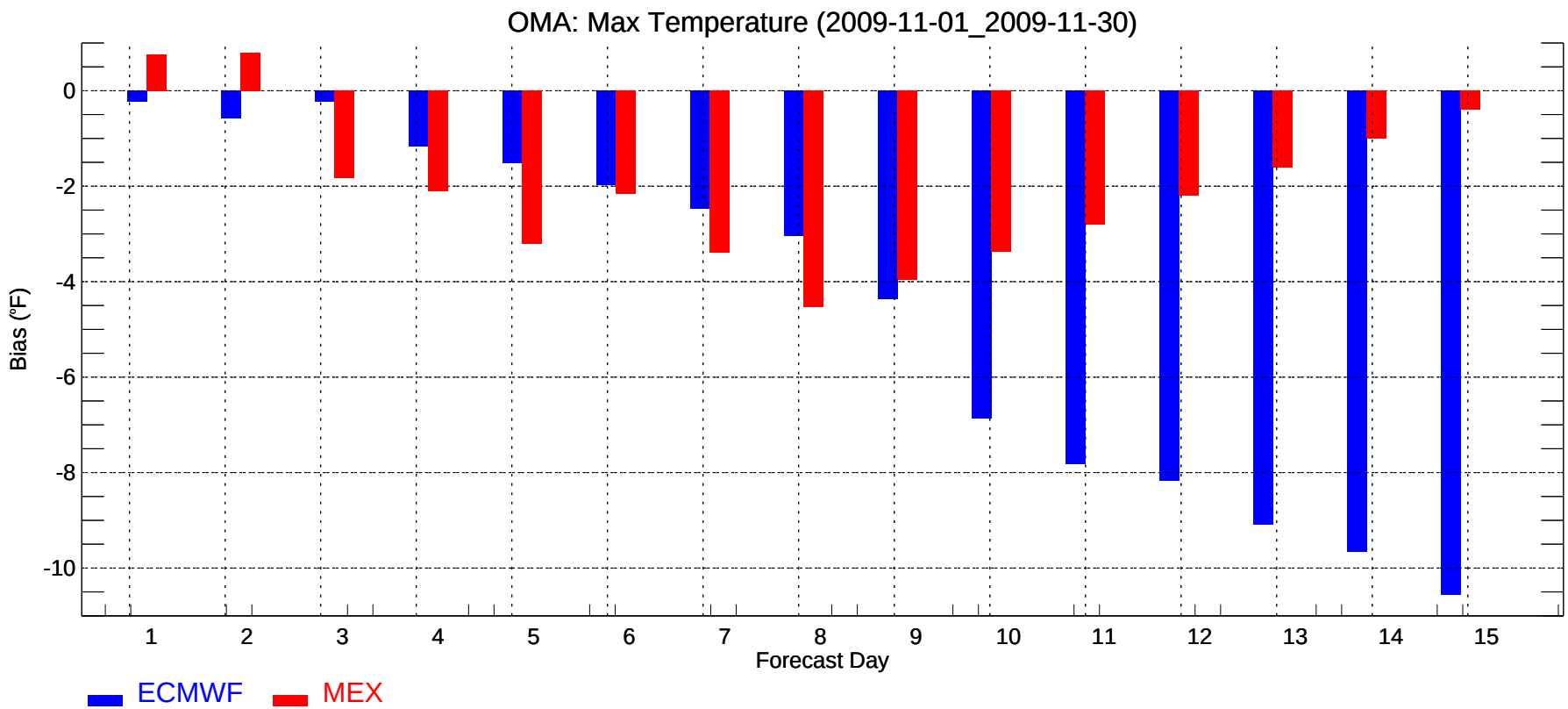
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OMA: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
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5
6
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8
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13
14
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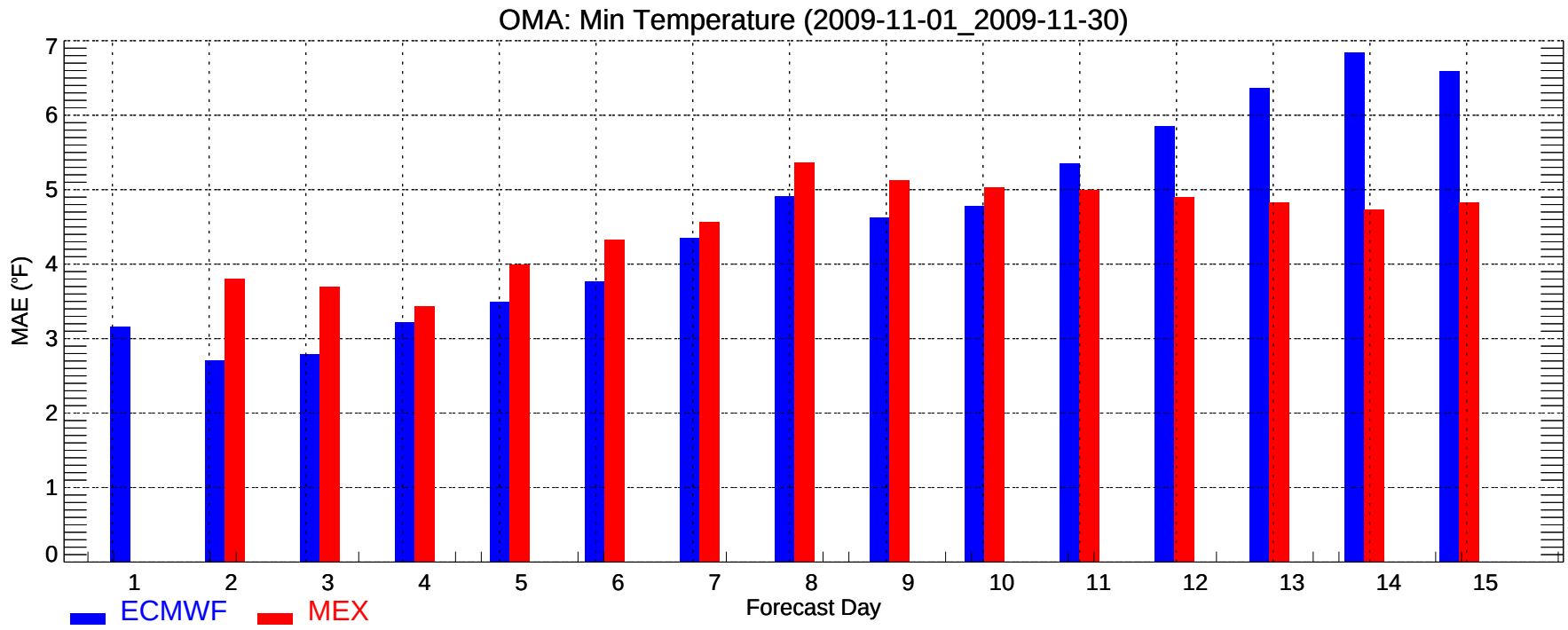
Forecast Day
ECMWF
MEX


OMA: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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5
6
7
8
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11
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13
14
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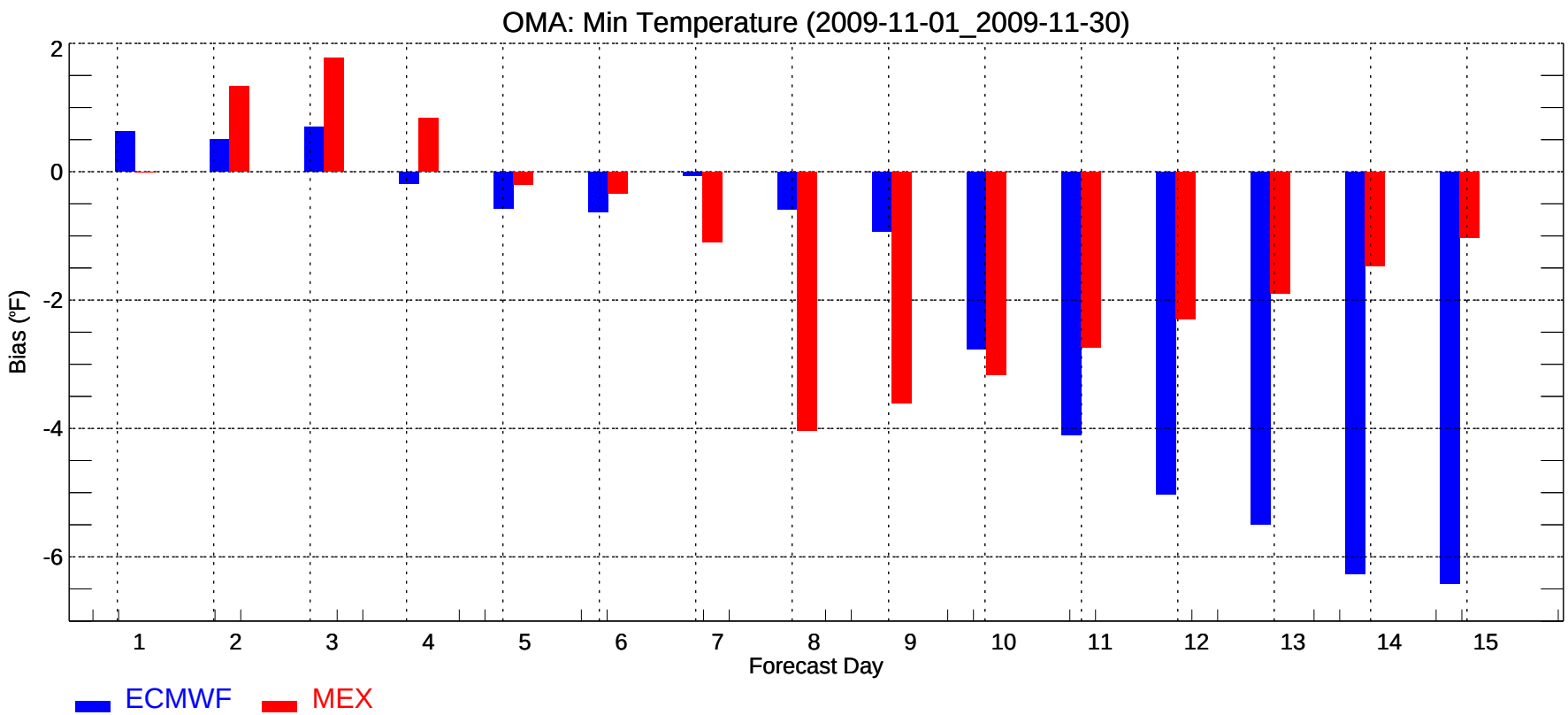
Forecast Day
ECMWF
MEX


OMA: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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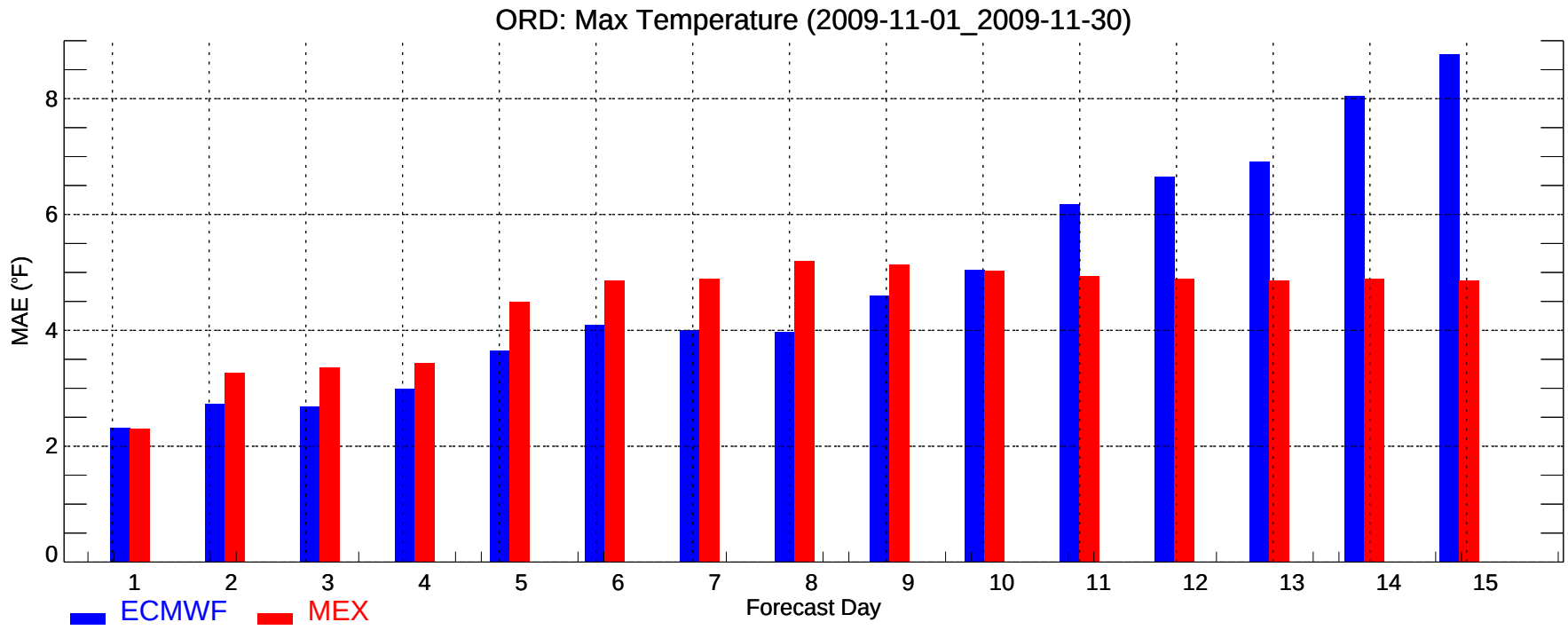
Forecast Day
ECMWF
MEX


ORD: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
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2
3
4
5
6
7
8
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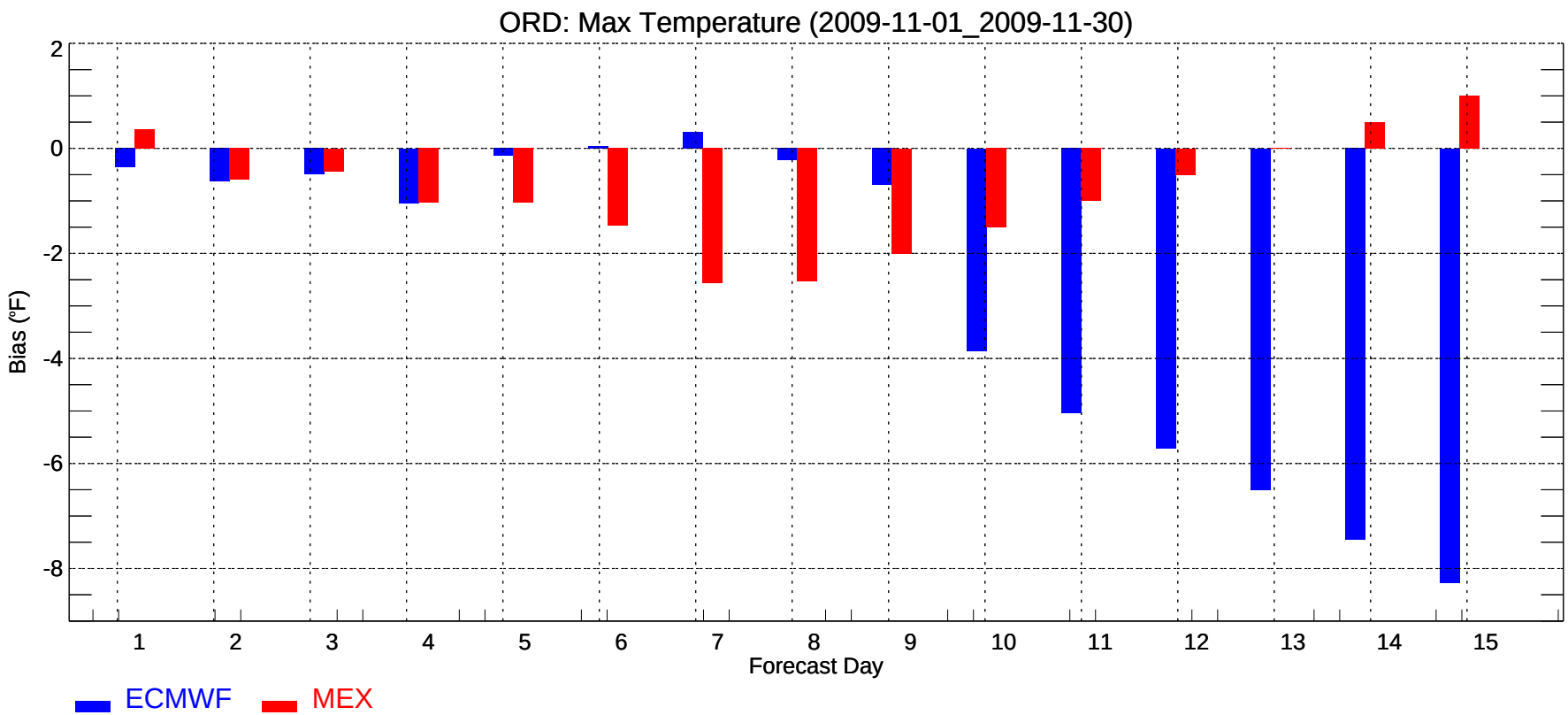
13
14
15
Forecast Day
ECMWF
MEX


ORD: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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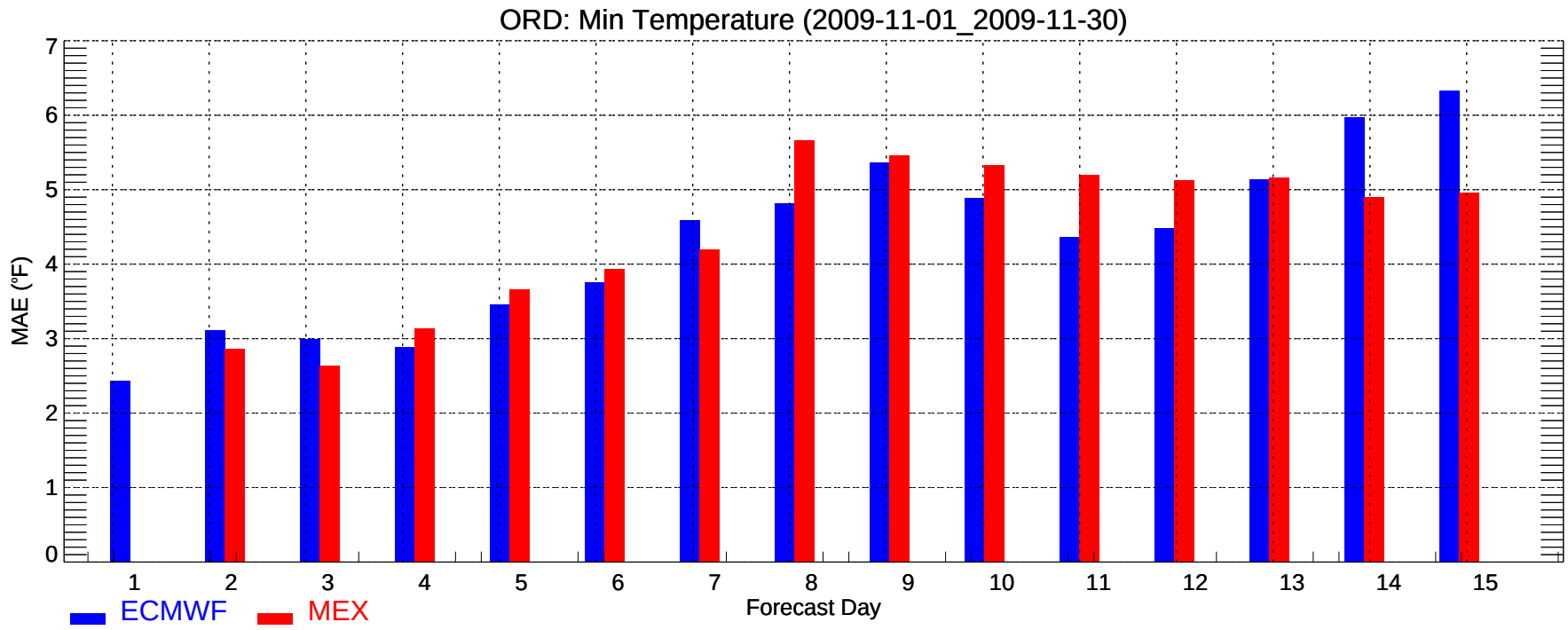
Forecast Day
ECMWF
MEX


ORD: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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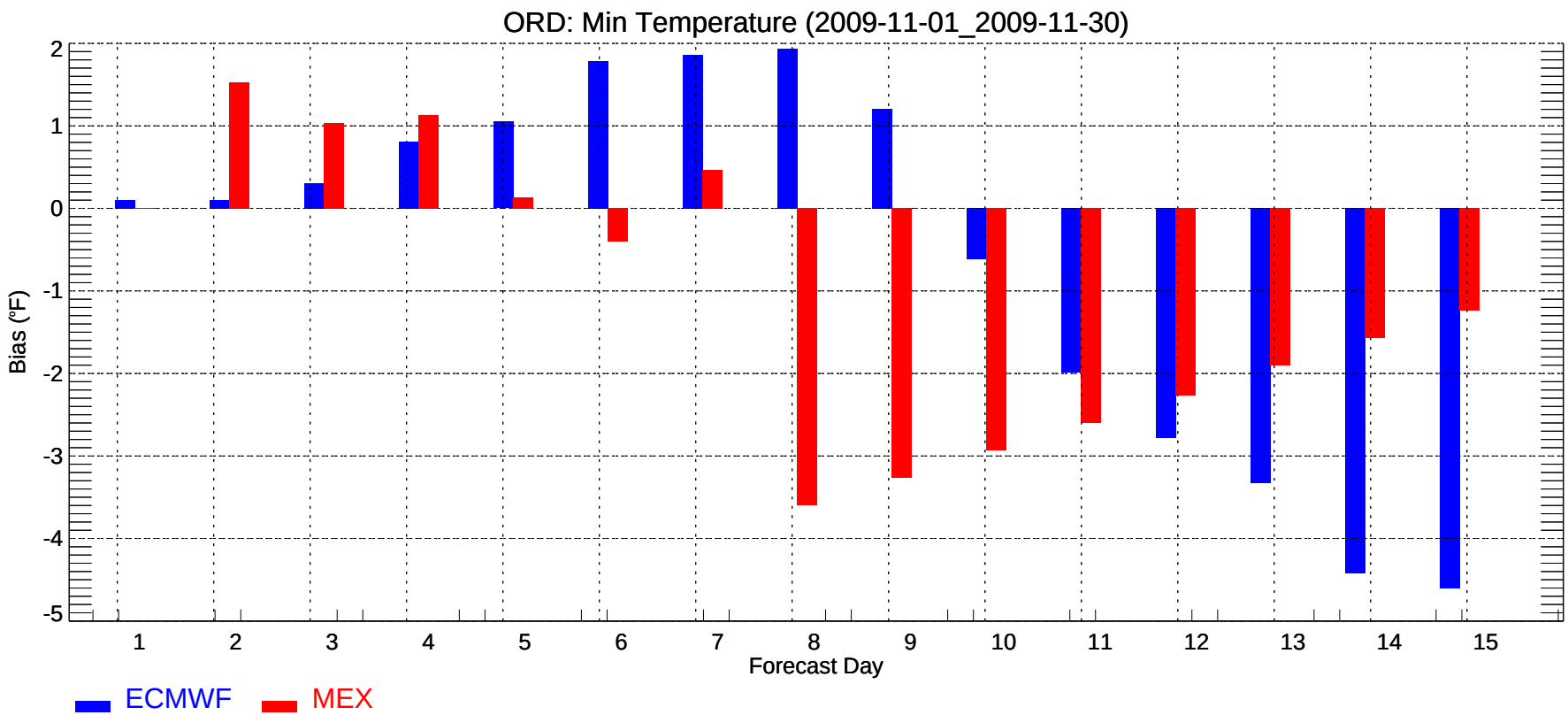
Forecast Day
ECMWF
MEX


ORD: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
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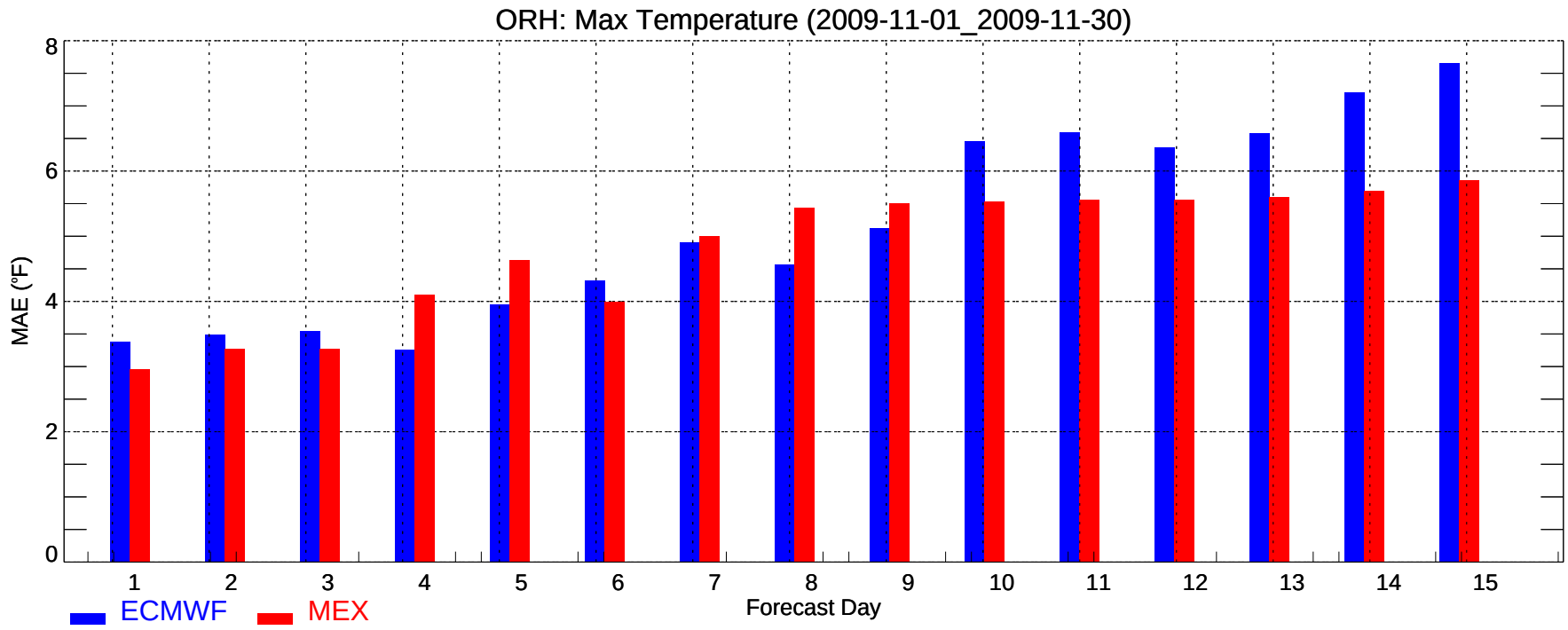
Forecast Day
ECMWF
MEX


ORH: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
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1
2
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6
7
8
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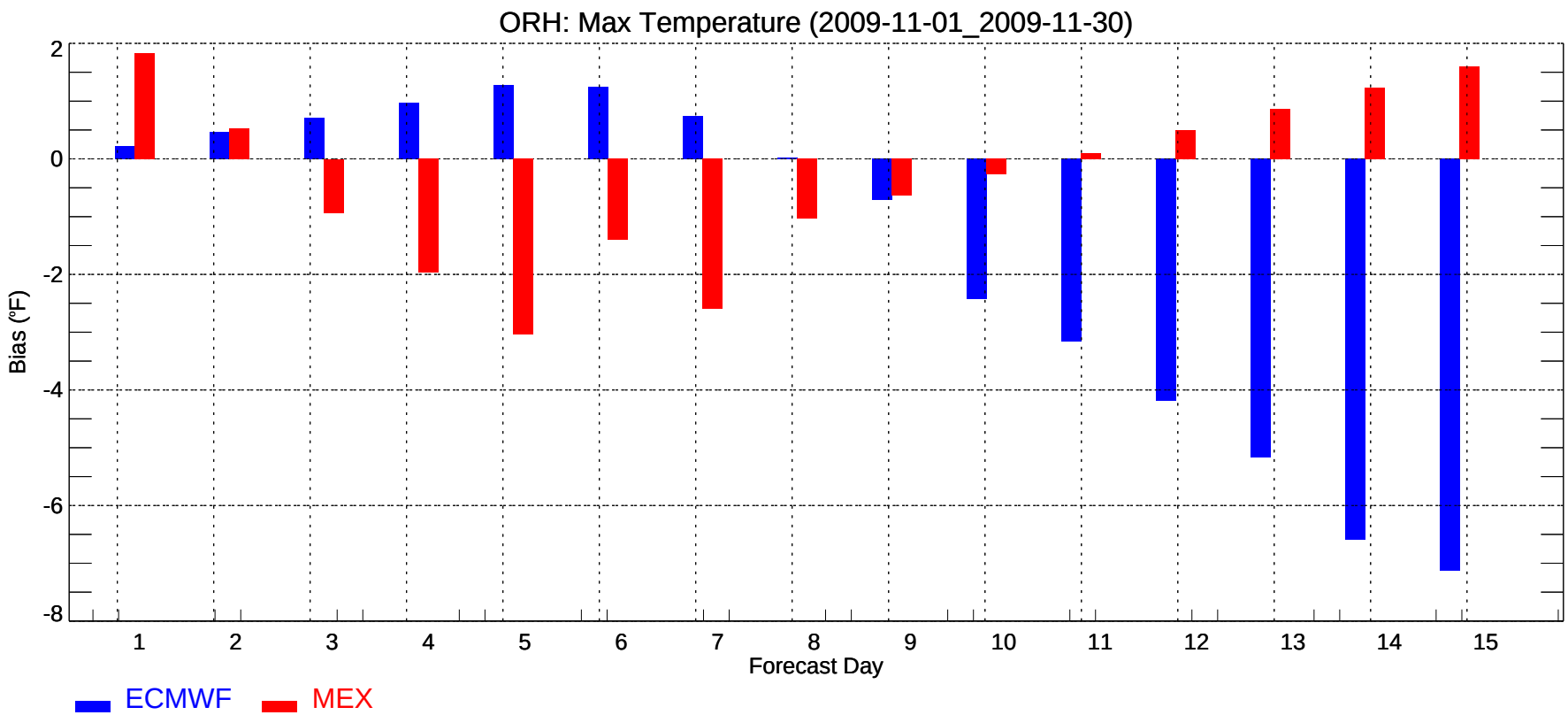
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORH: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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5
6
7
8
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10
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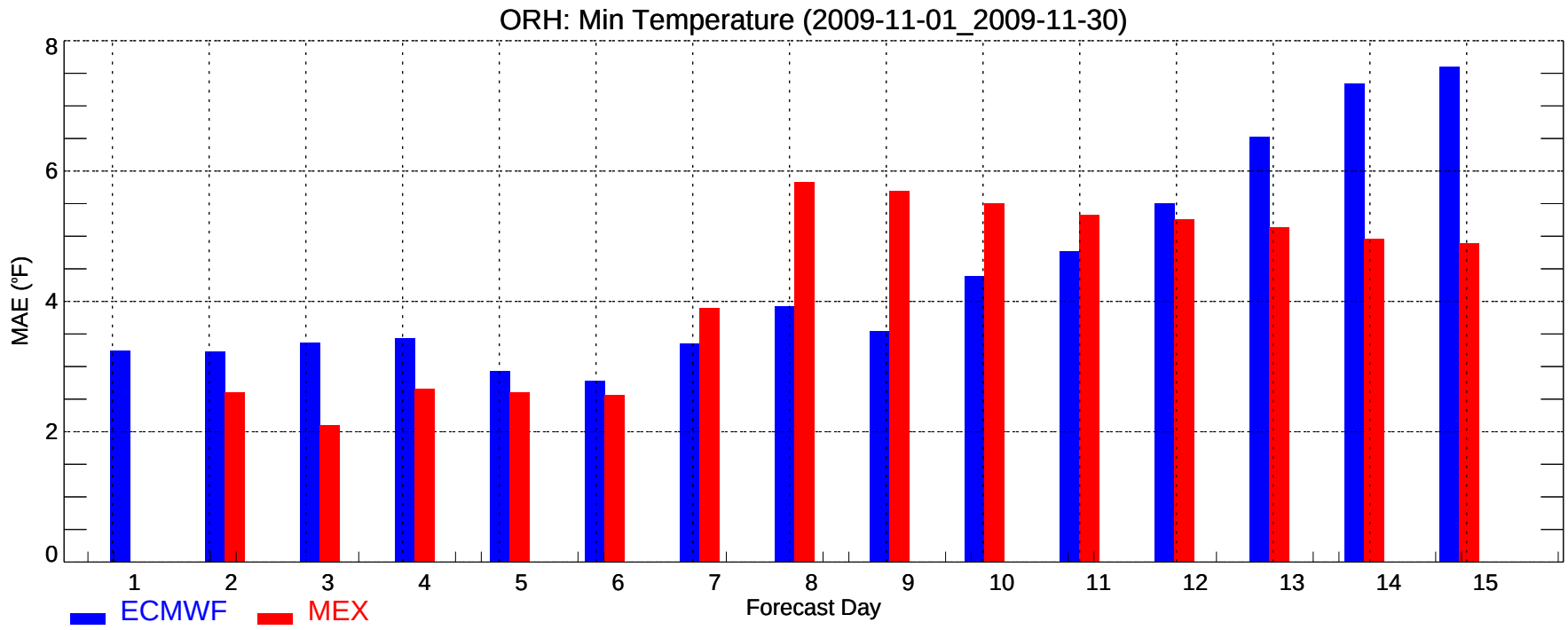
Forecast Day
ECMWF
MEX


ORH: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
7
8
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13
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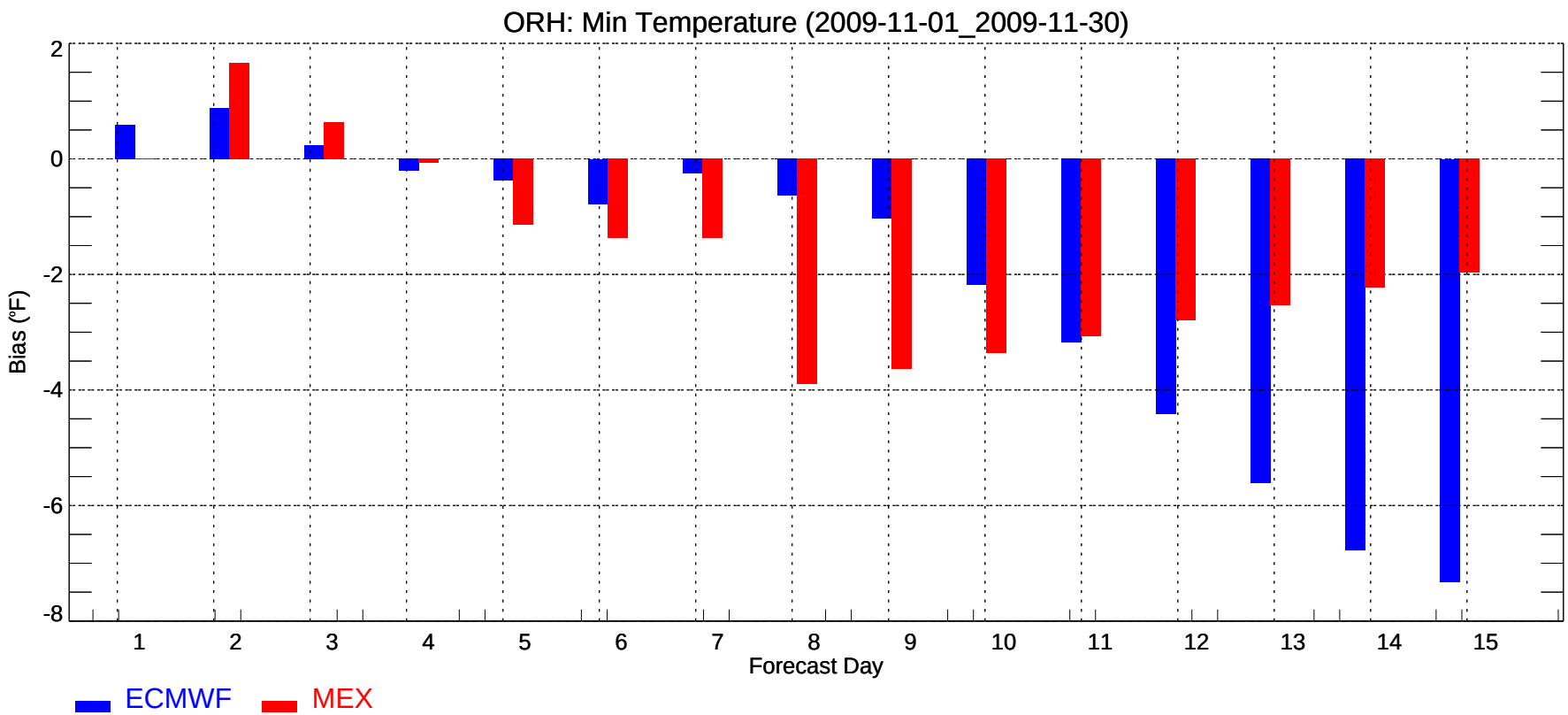
Forecast Day
ECMWF
MEX


ORH: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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6
7
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12
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14
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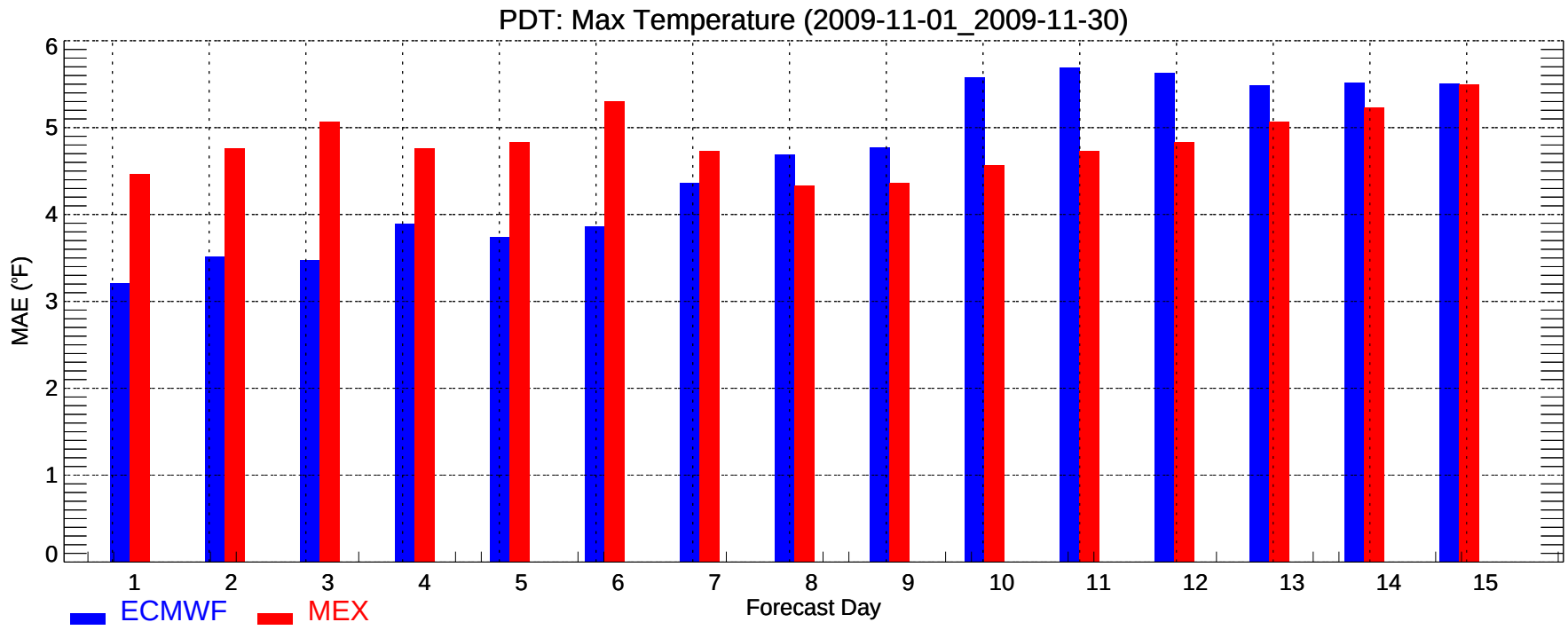
Forecast Day
ECMWF
MEX


PDT: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
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6
7
8
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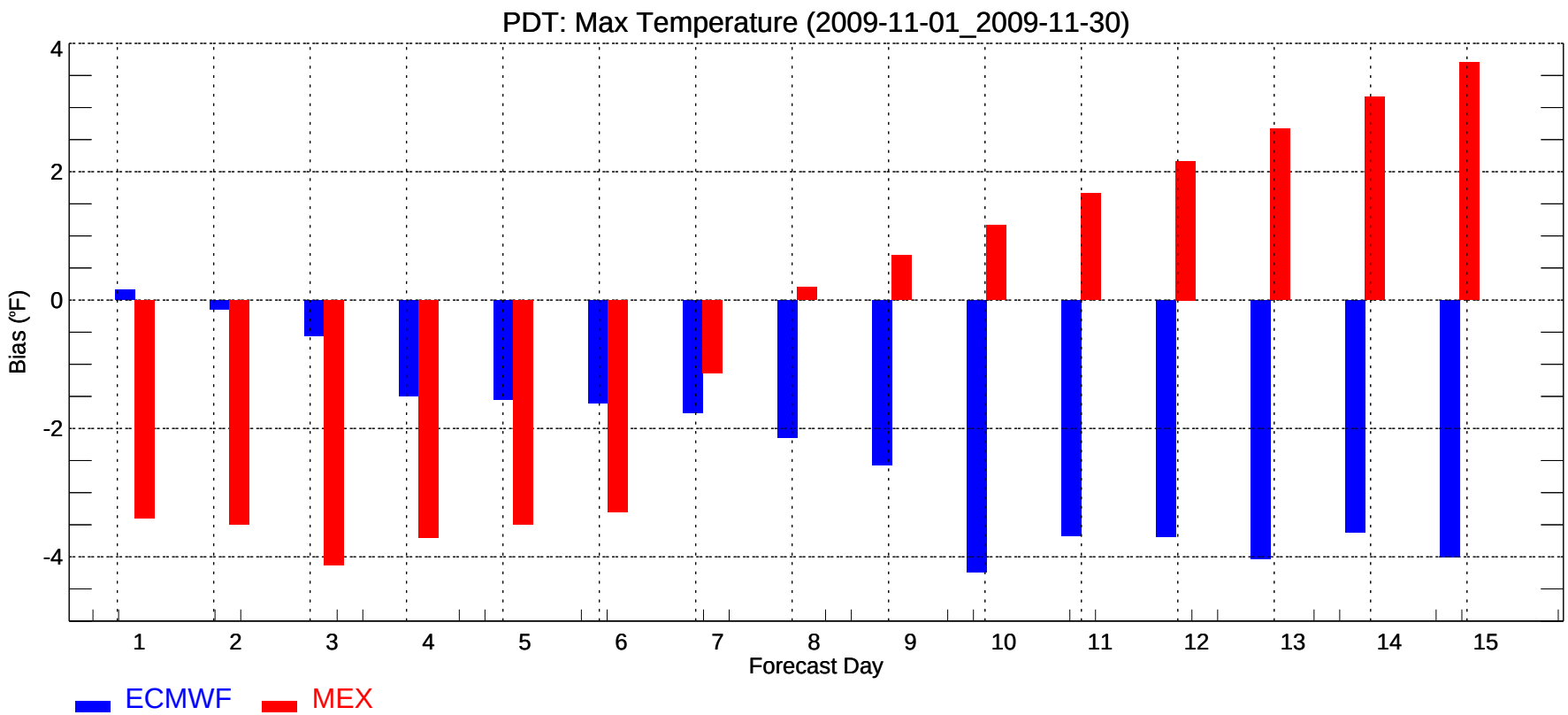
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDT: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
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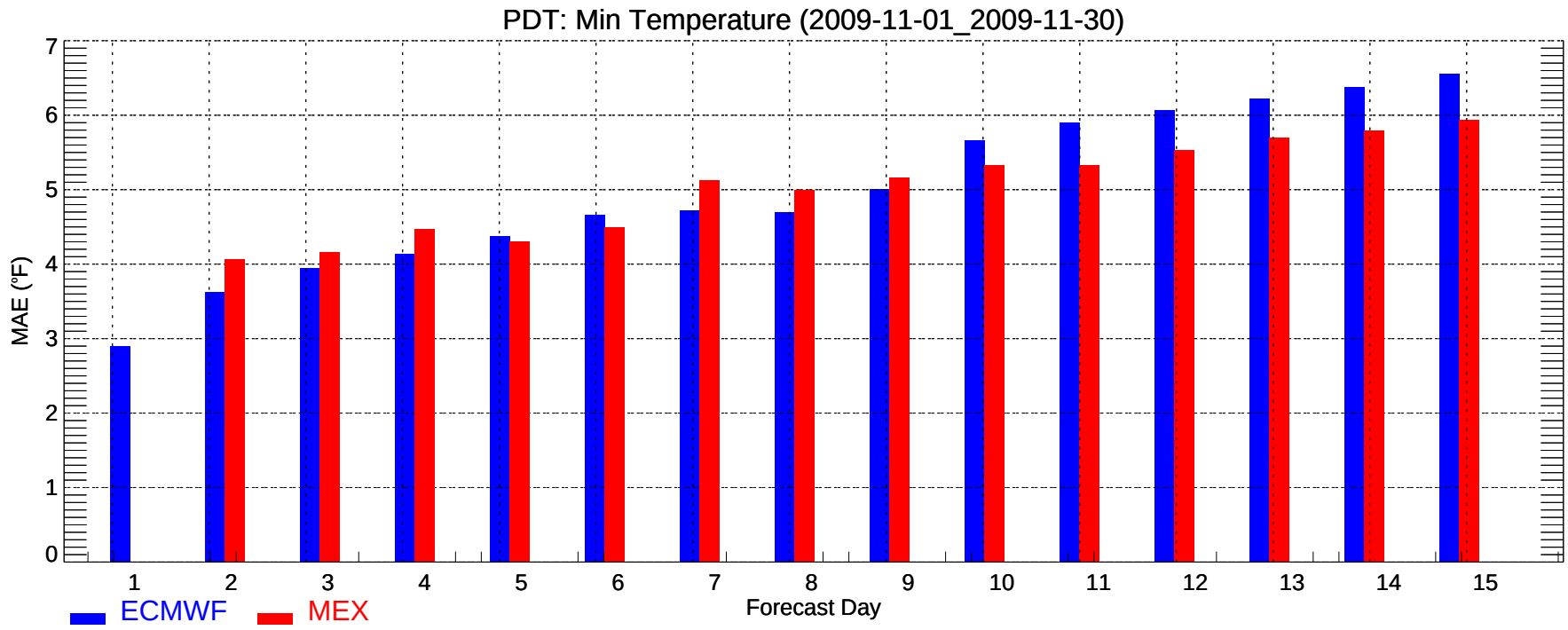
Forecast Day
ECMWF
MEX


PDT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
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4
5
6
7
1
2
3
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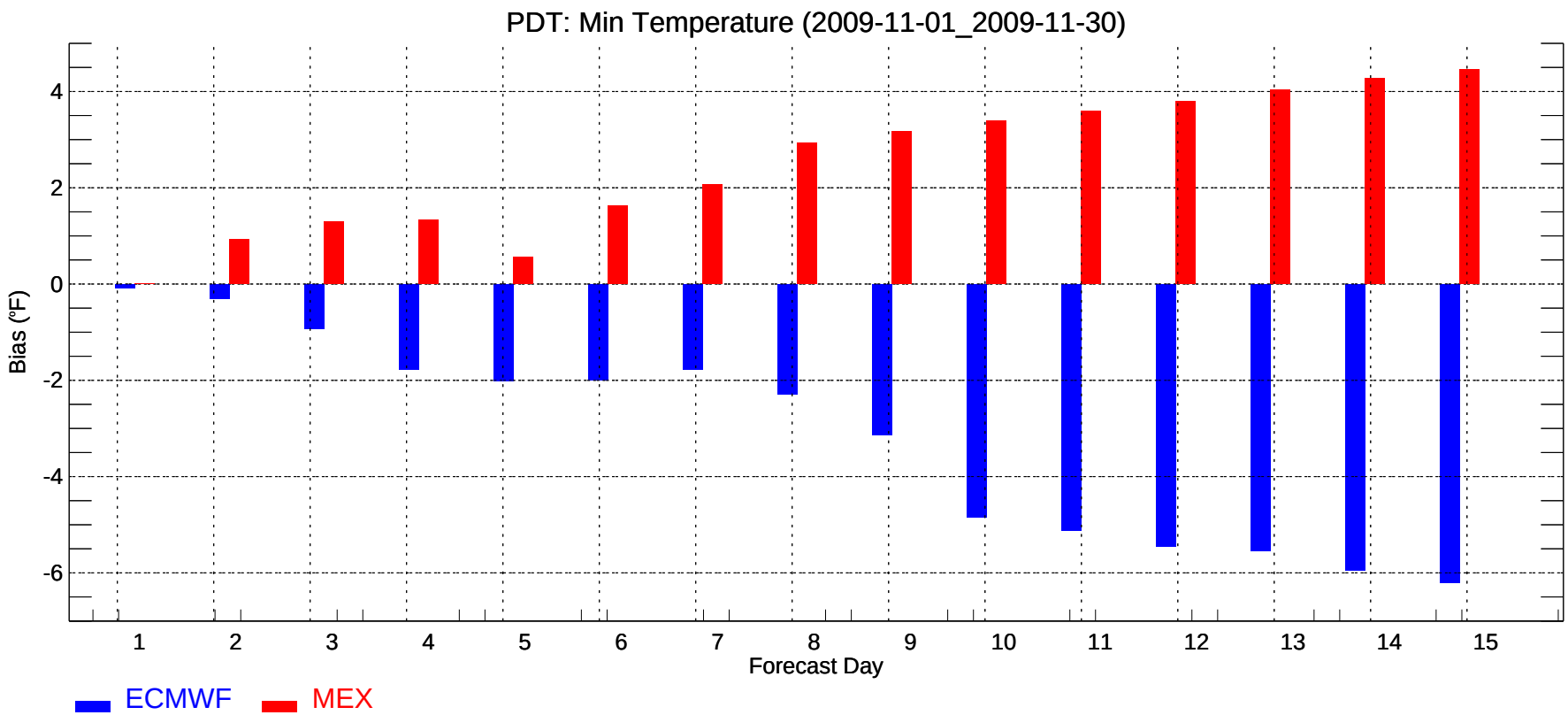
Forecast Day
ECMWF
MEX


PDT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
-6
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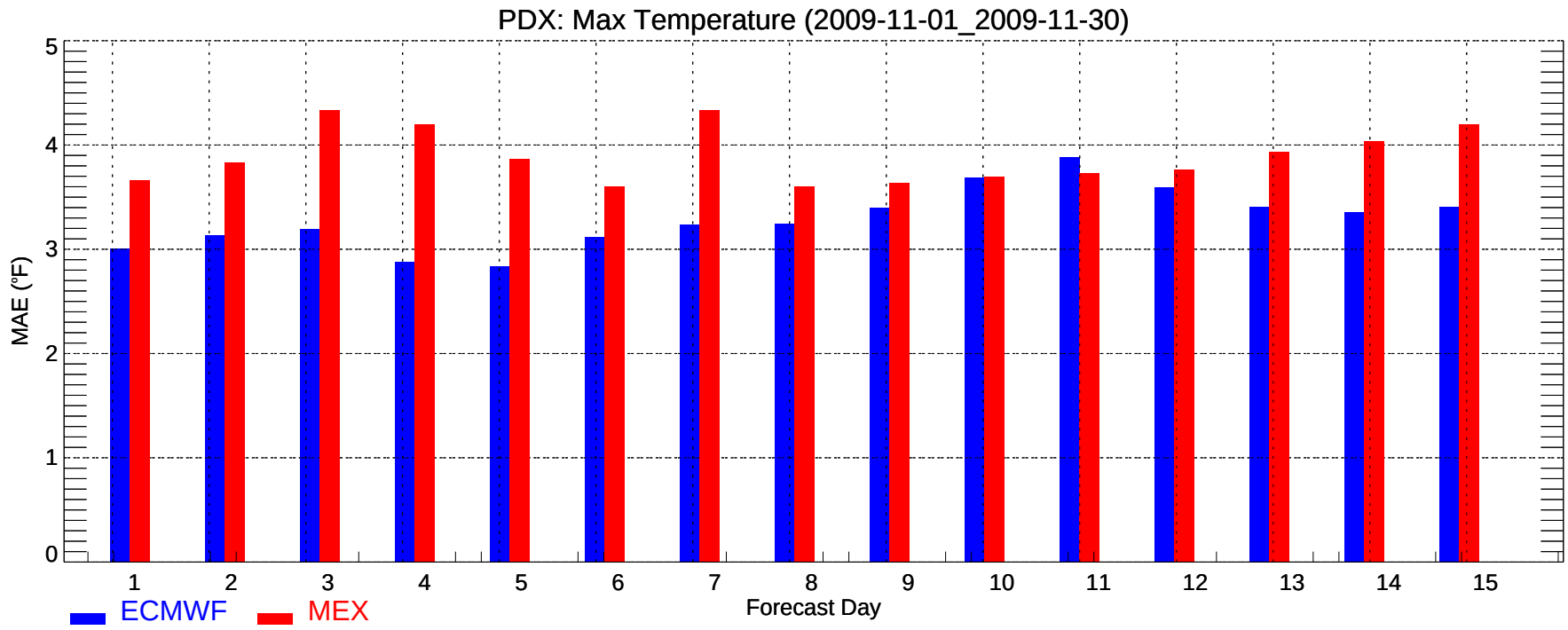
Forecast Day
ECMWF
MEX


PDX: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
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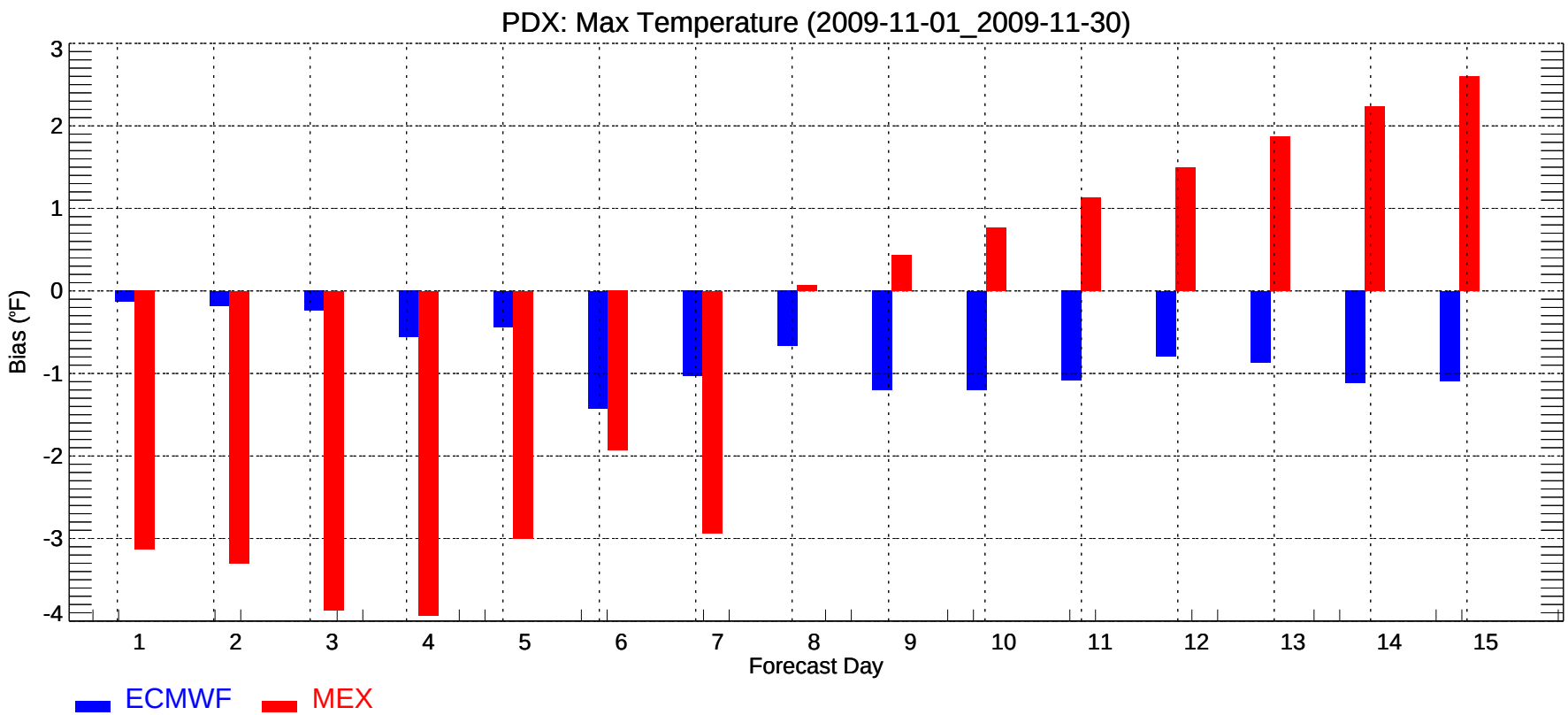
14
15
Forecast Day
ECMWF
MEX


PDX: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
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4
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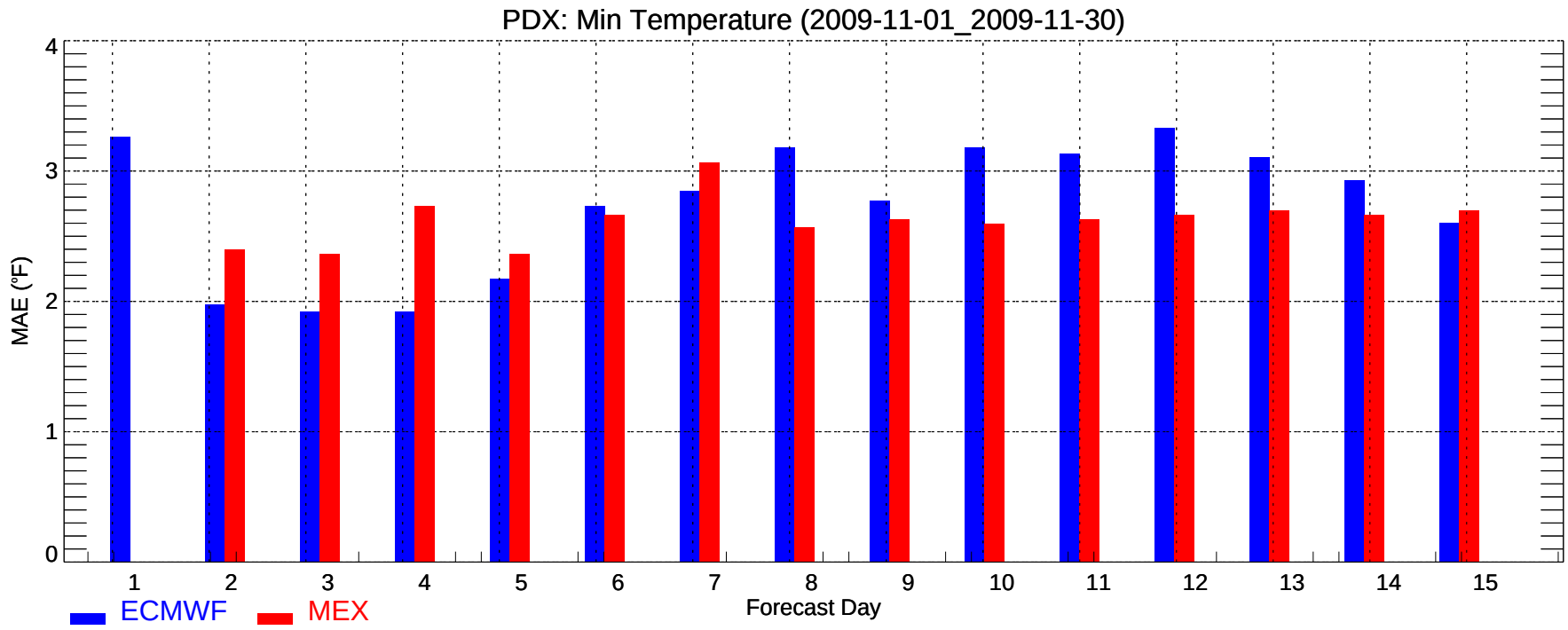
Forecast Day
ECMWF
MEX


PDX: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
1
2
3
4
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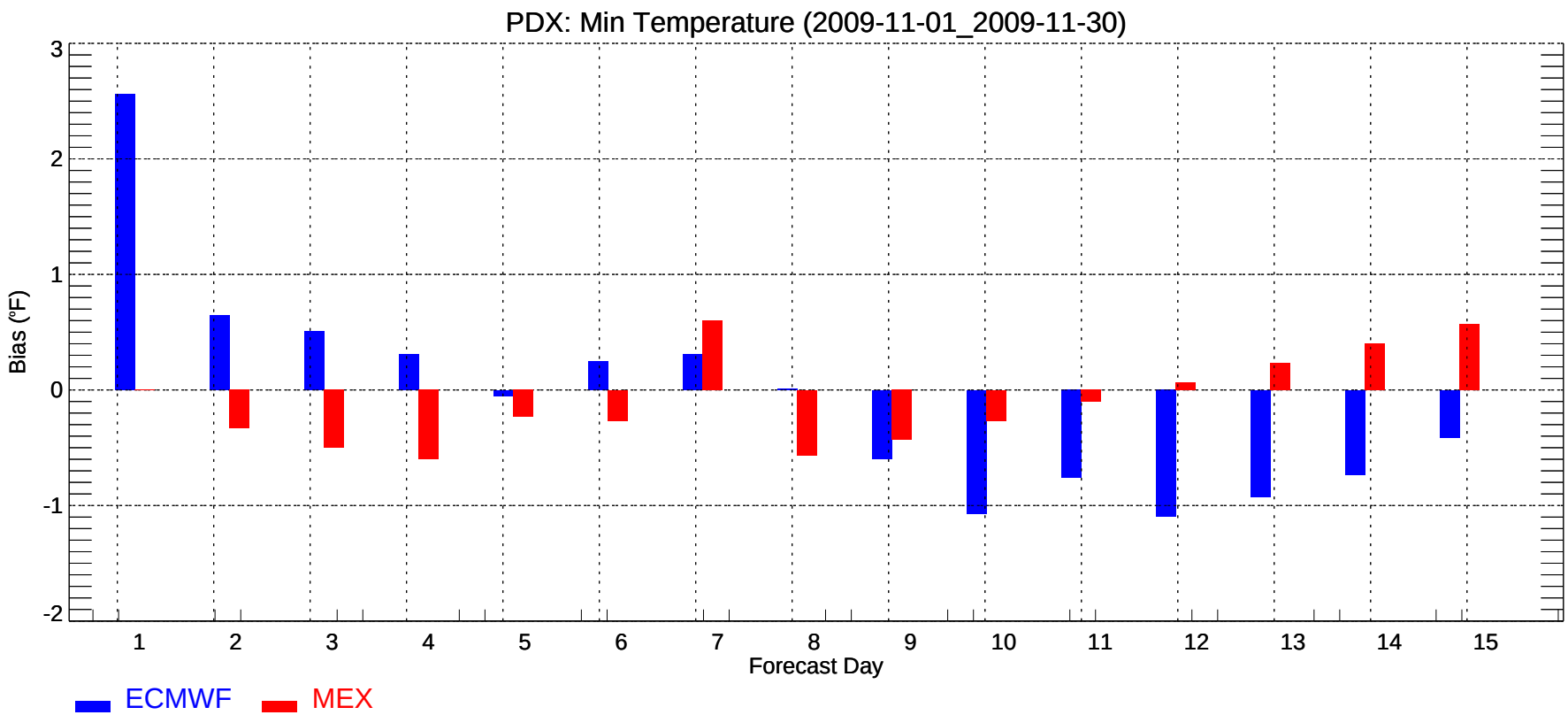
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDX: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
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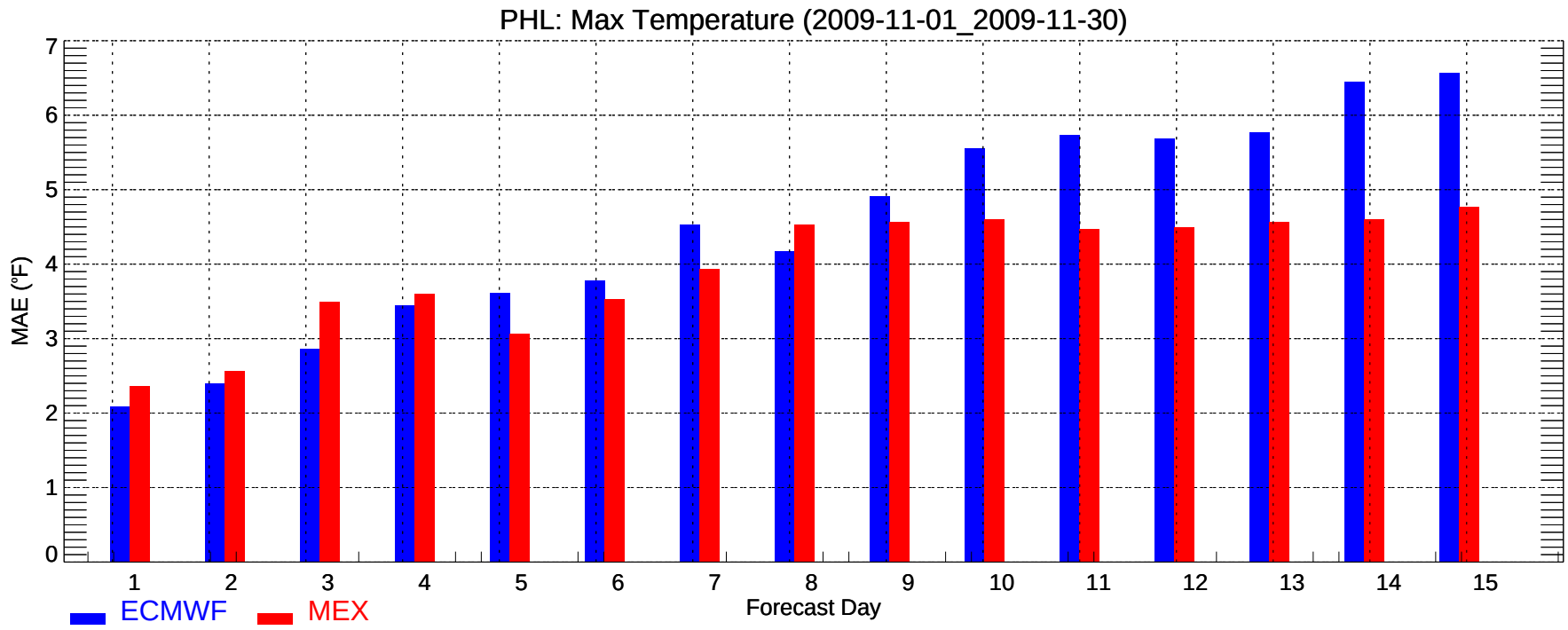
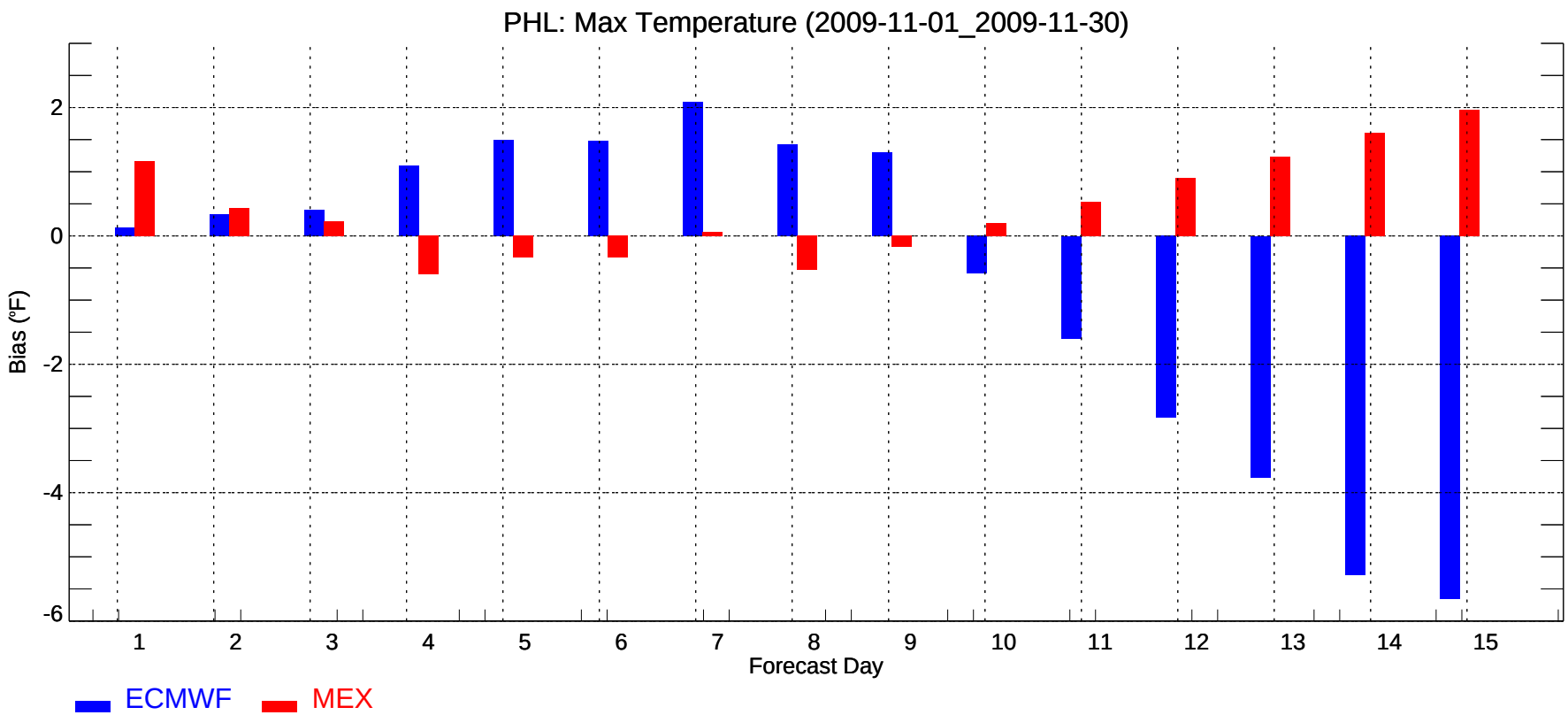
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PHL: Max Temperature (2009-11-01_2009-11-30)
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


PHL: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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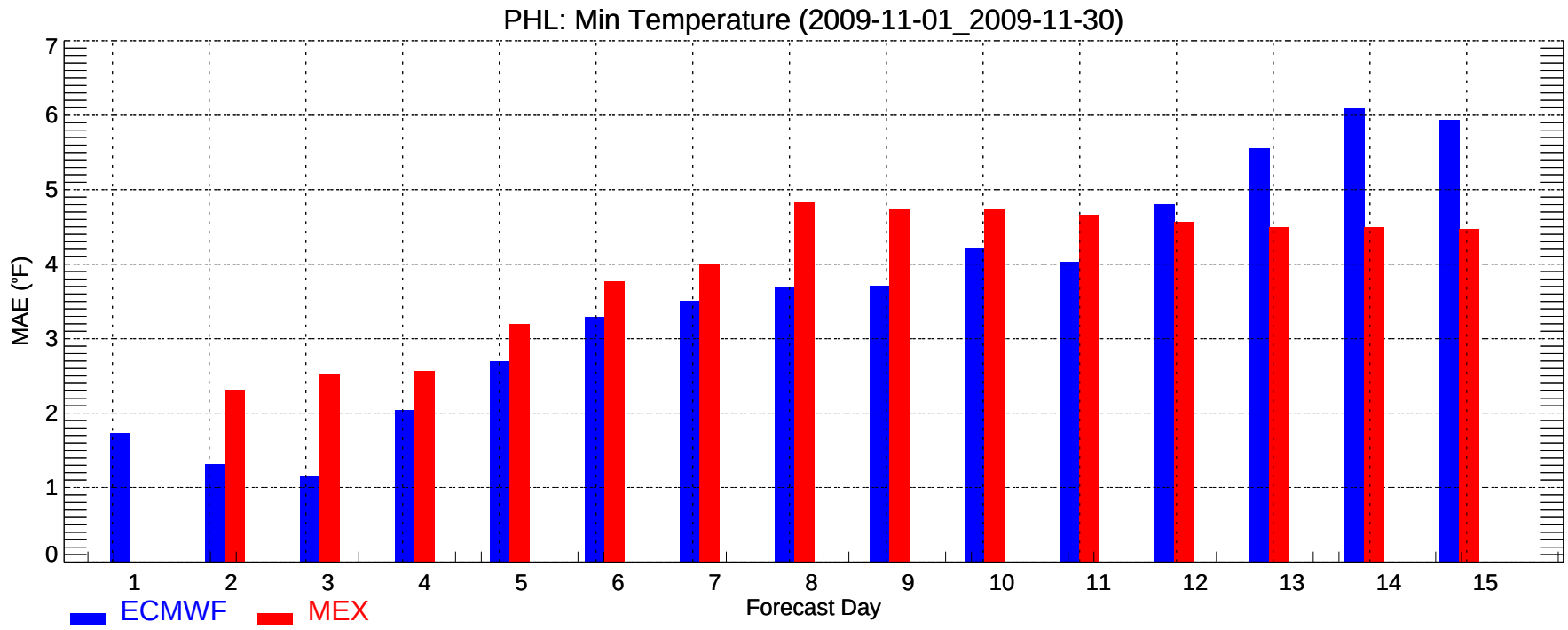
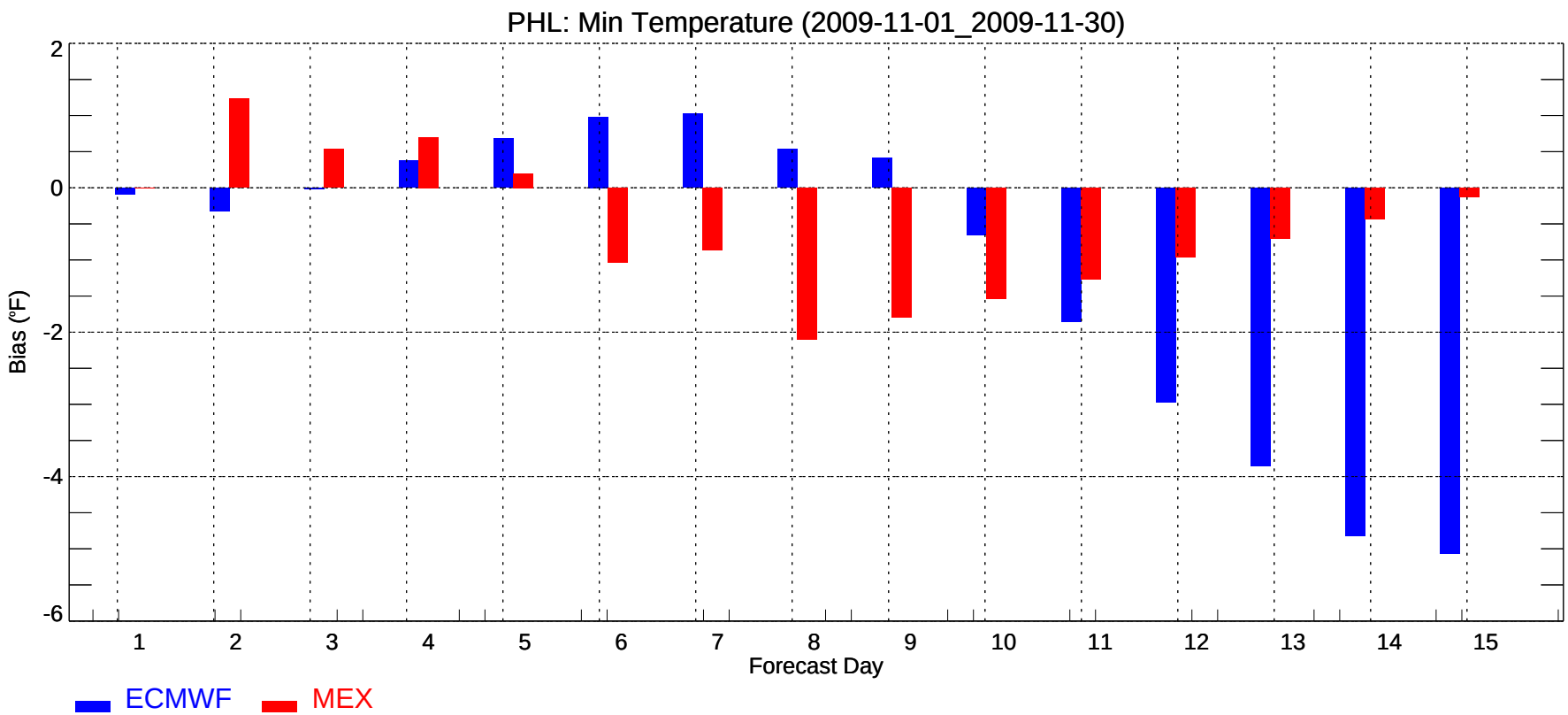
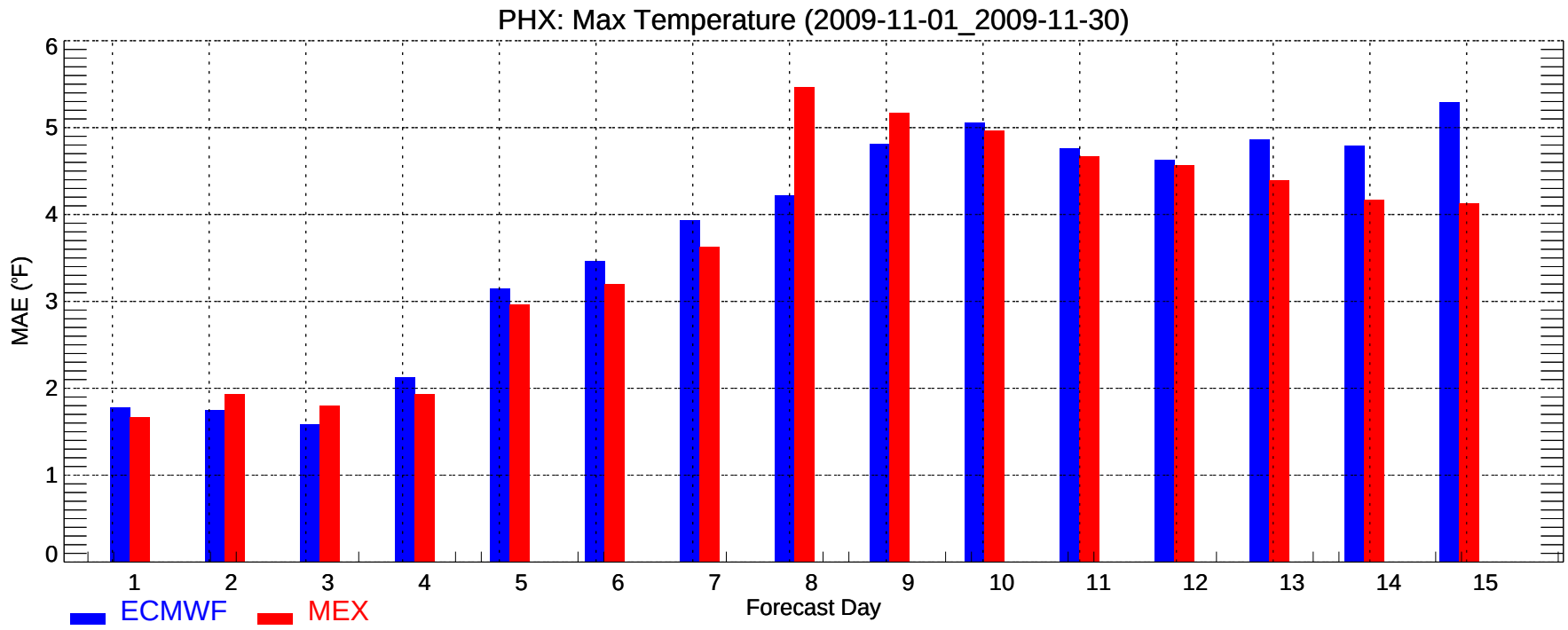
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PHL: Min Temperature (2009-11-01_2009-11-30)
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


PHL: Min Temperature (2009-11-01_2009-11-30)
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


PHX: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
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6
7
8
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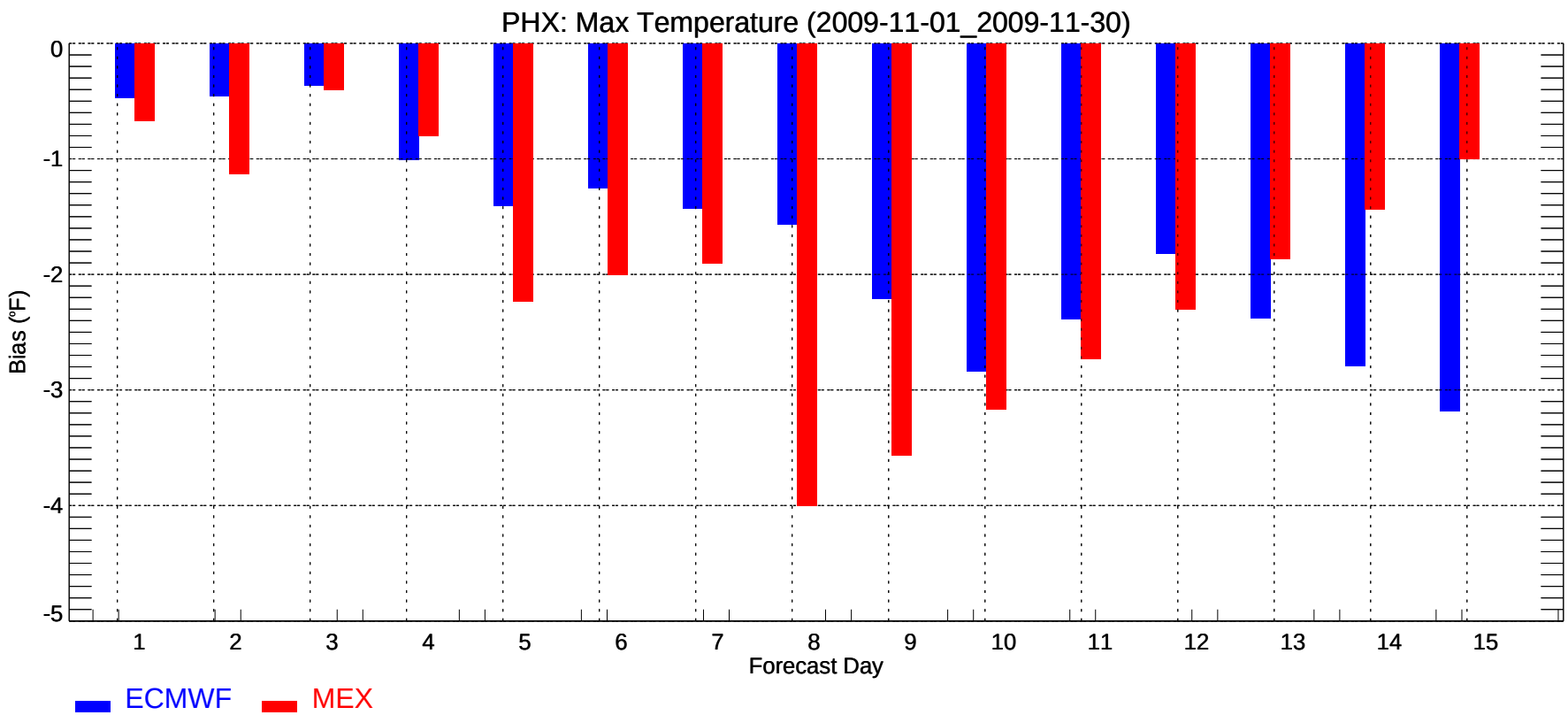
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PHX: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-1
-2
-3
-4
-5
1
2
3
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5
6
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8
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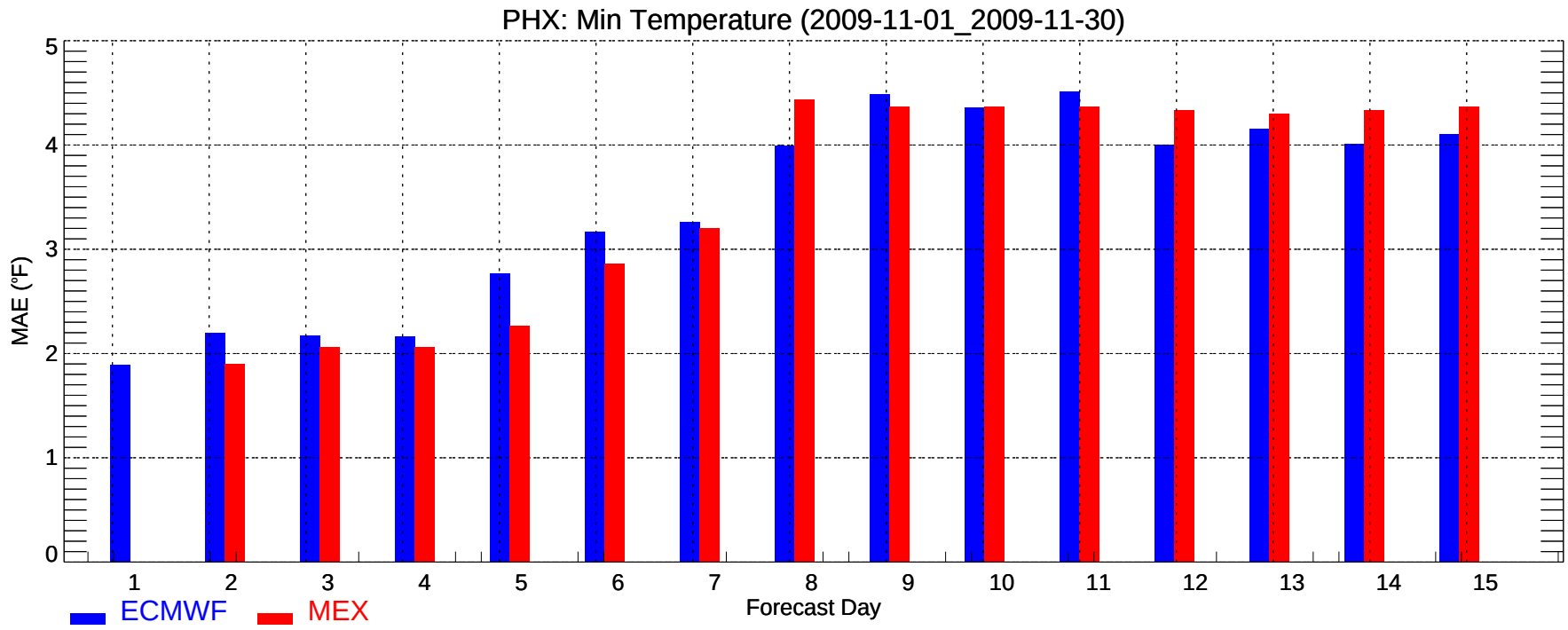
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PHX: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
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6
7
8
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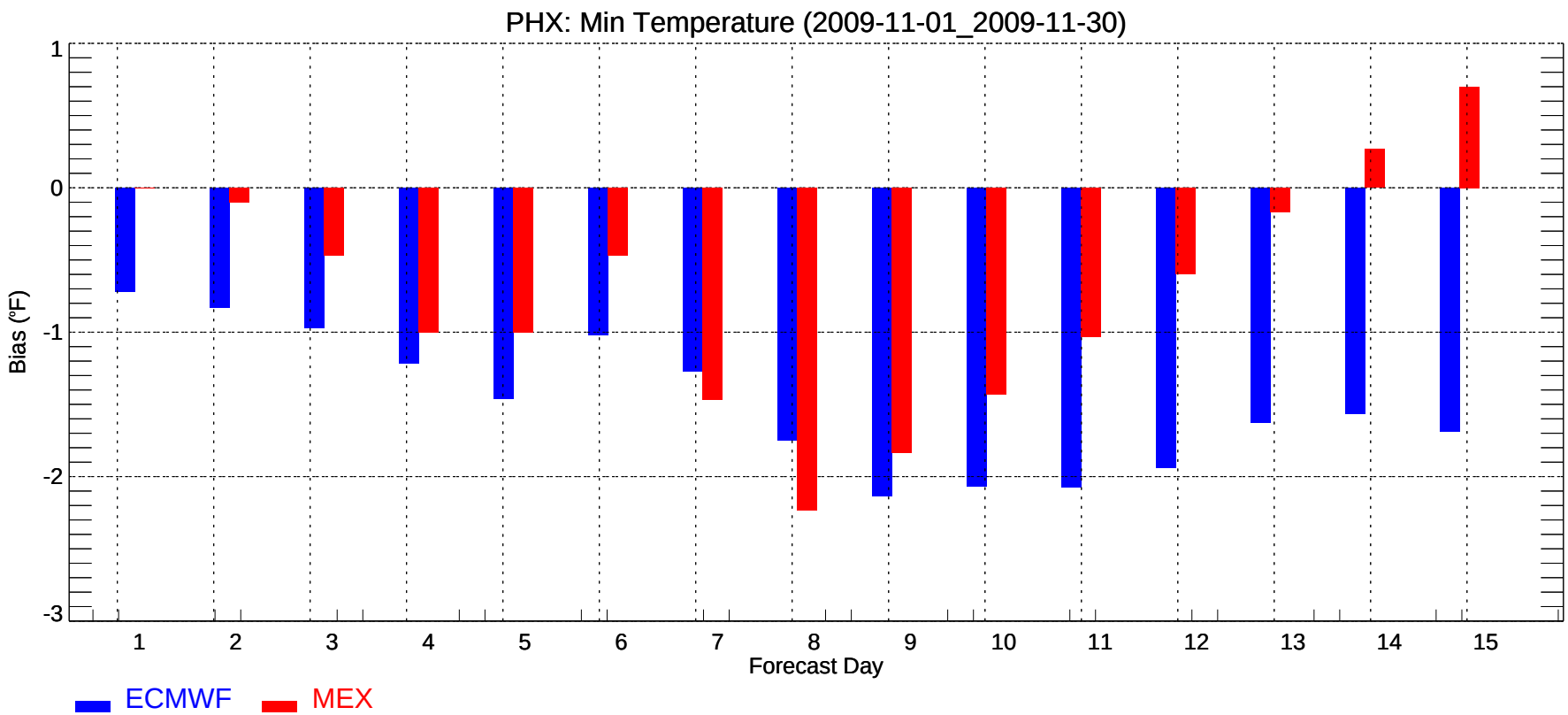
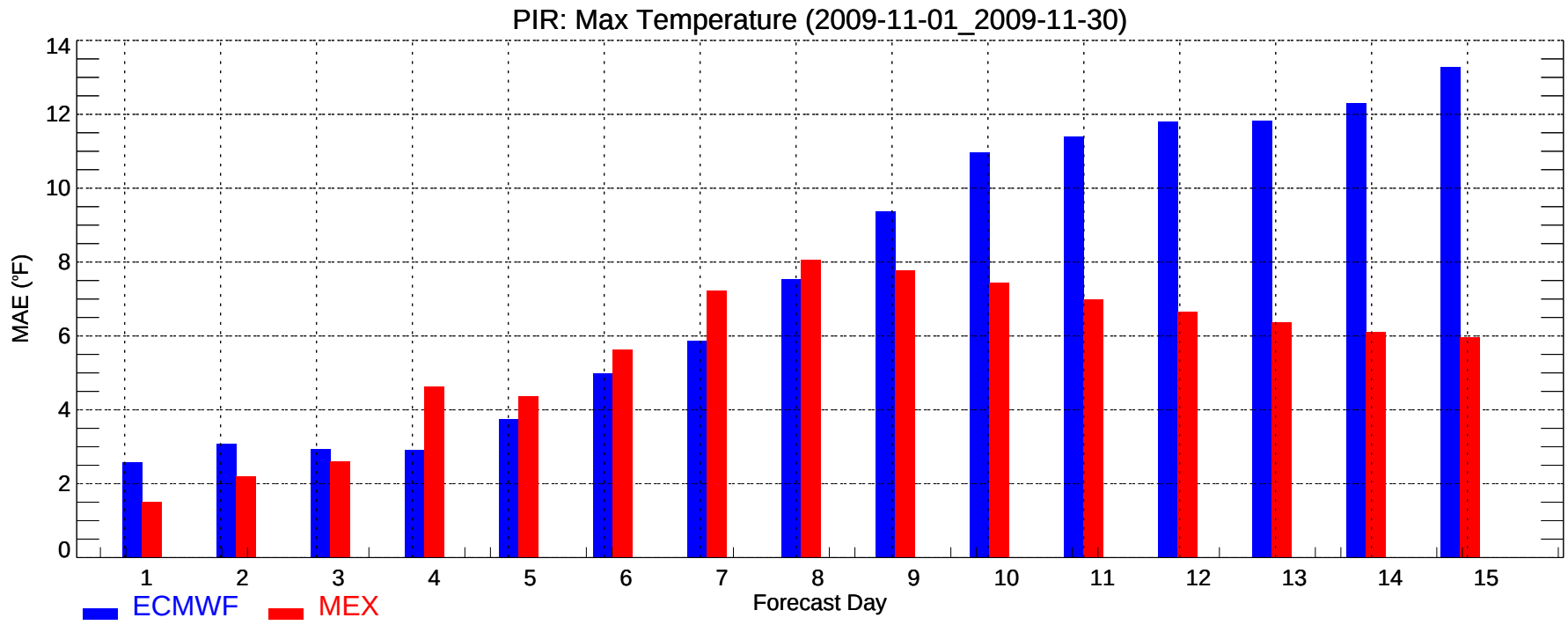
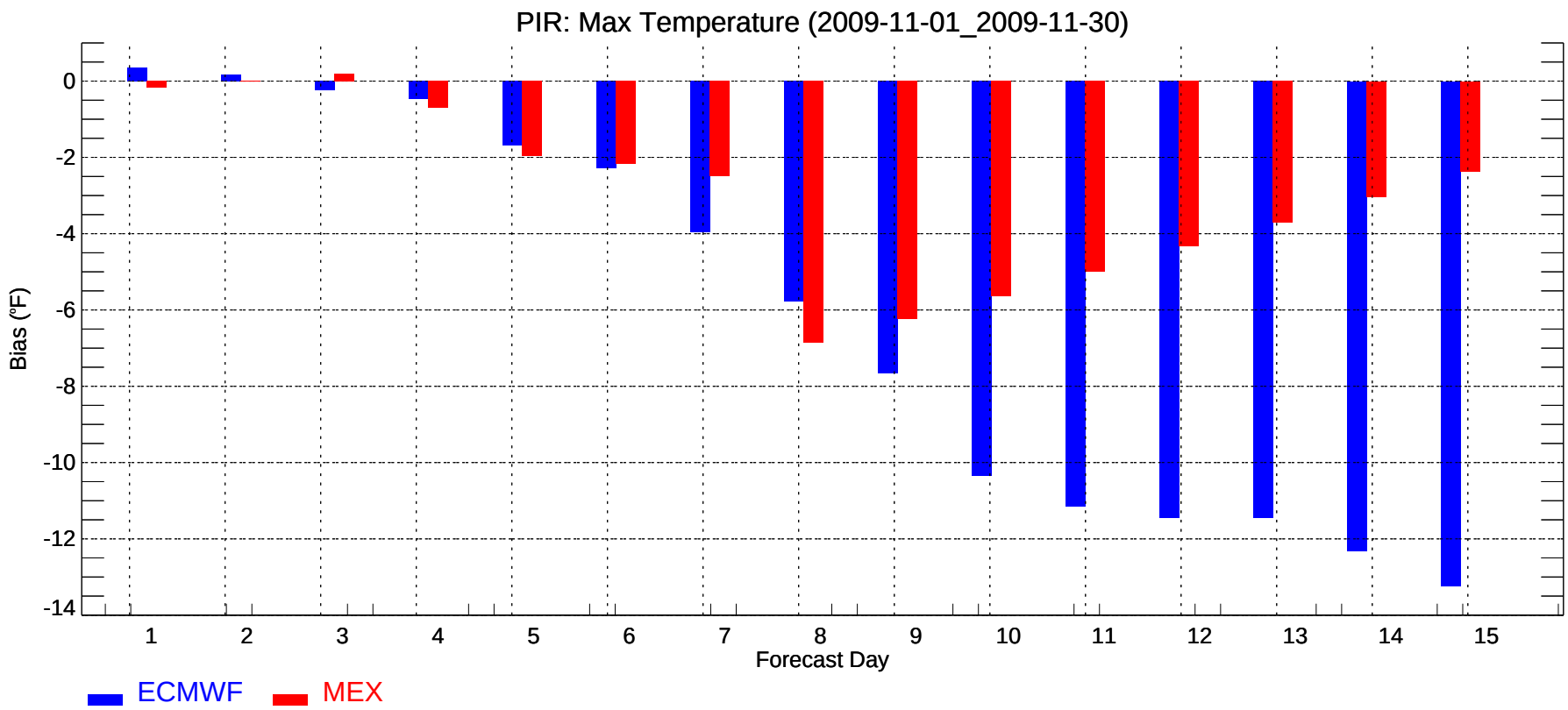
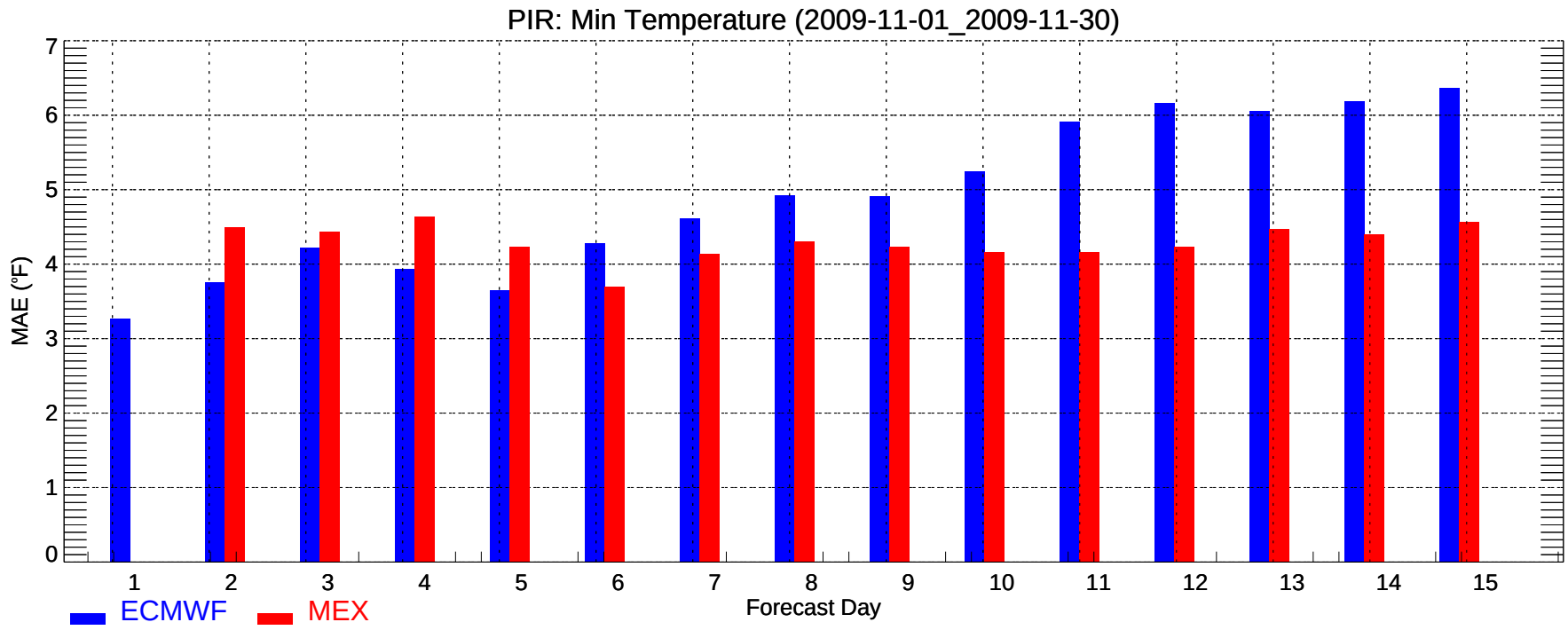
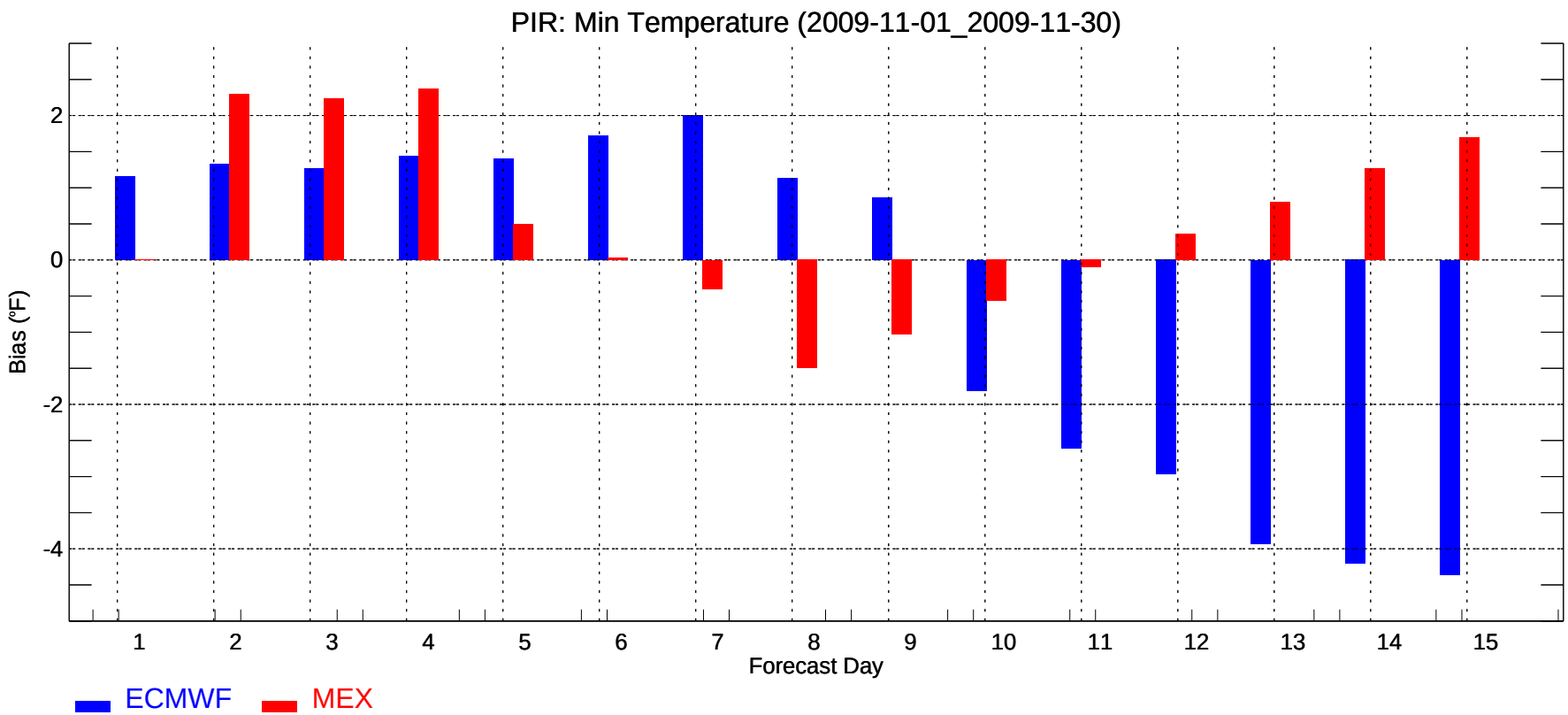
12
13
14
15
Forecast Day
ECMWF
MEX

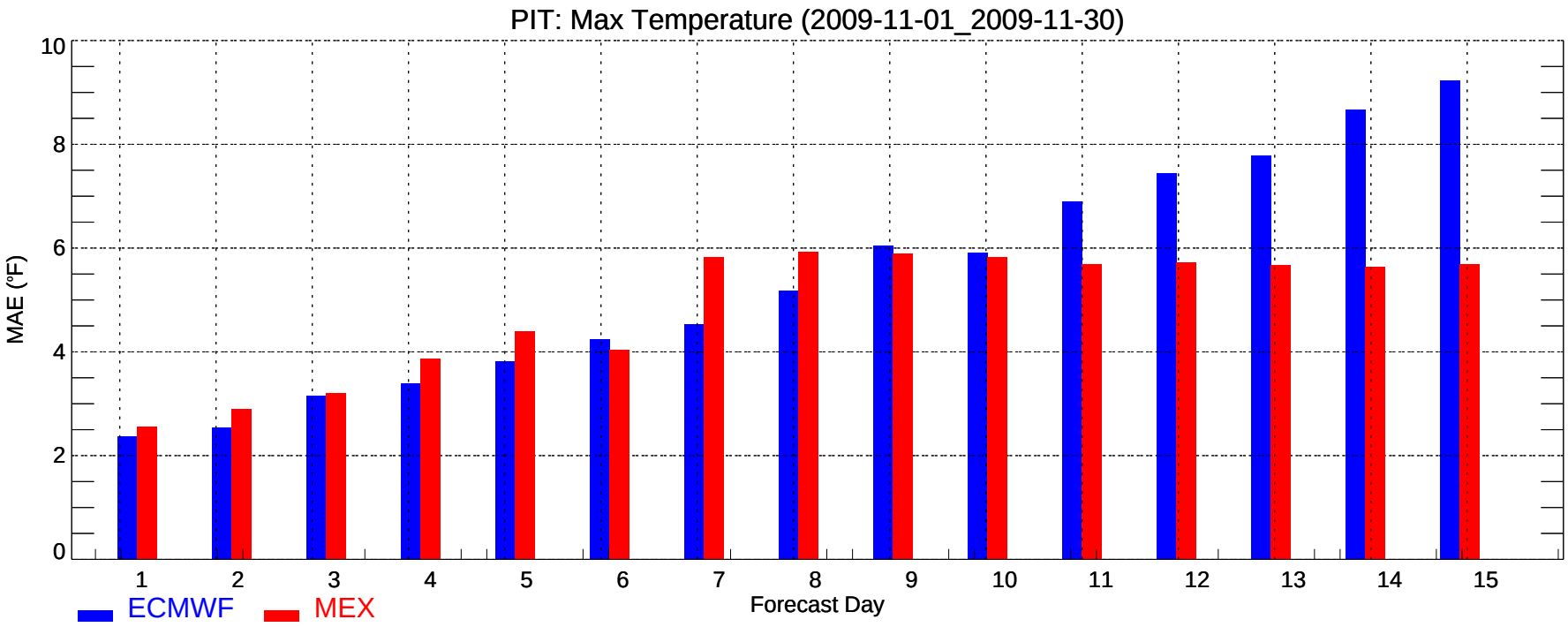

PHX: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

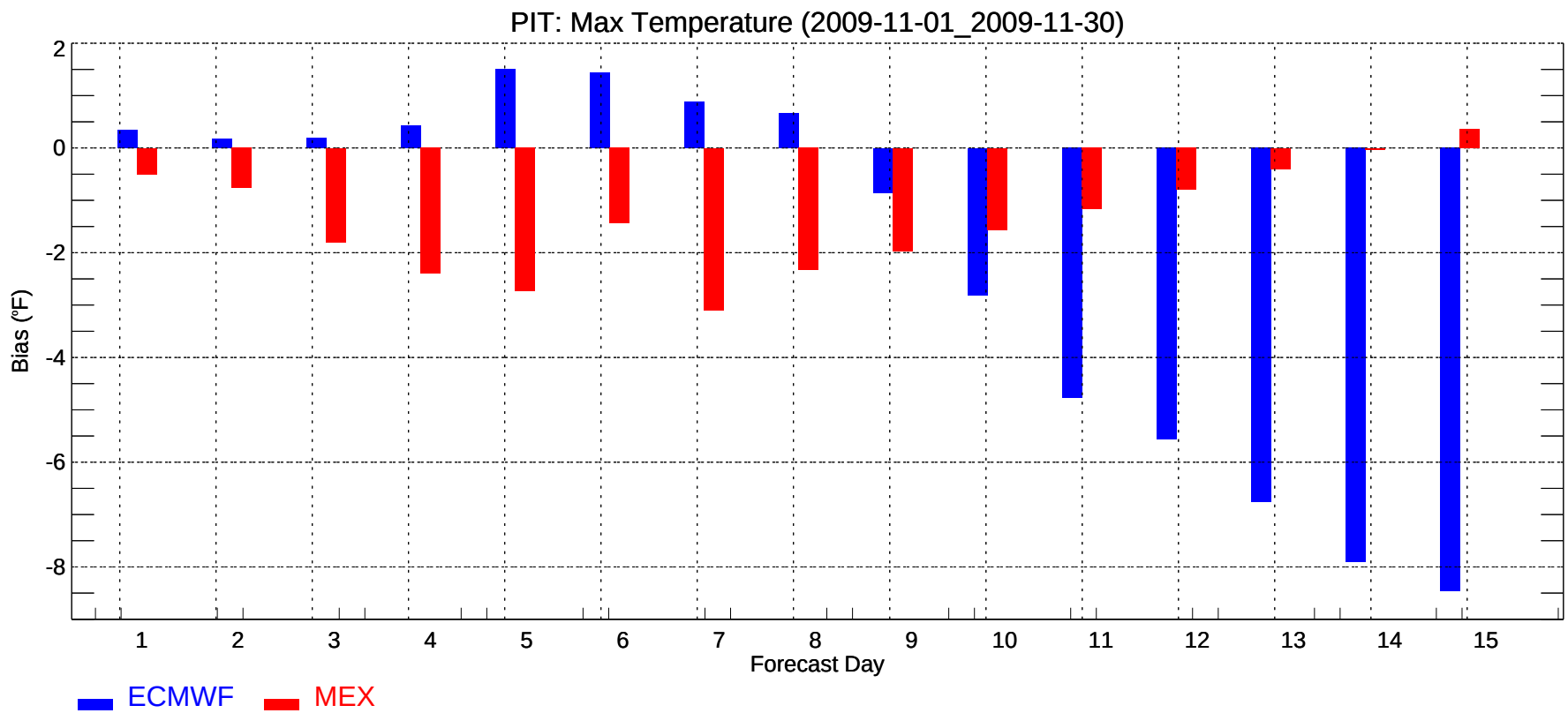

PIR: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIR: Max Temperature (2009-11-01_2009-11-30)
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


PIR: Min Temperature (2009-11-01_2009-11-30)
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


PIR: Min Temperature (2009-11-01_2009-11-30)
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


PIT: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIT: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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5
6
7
8
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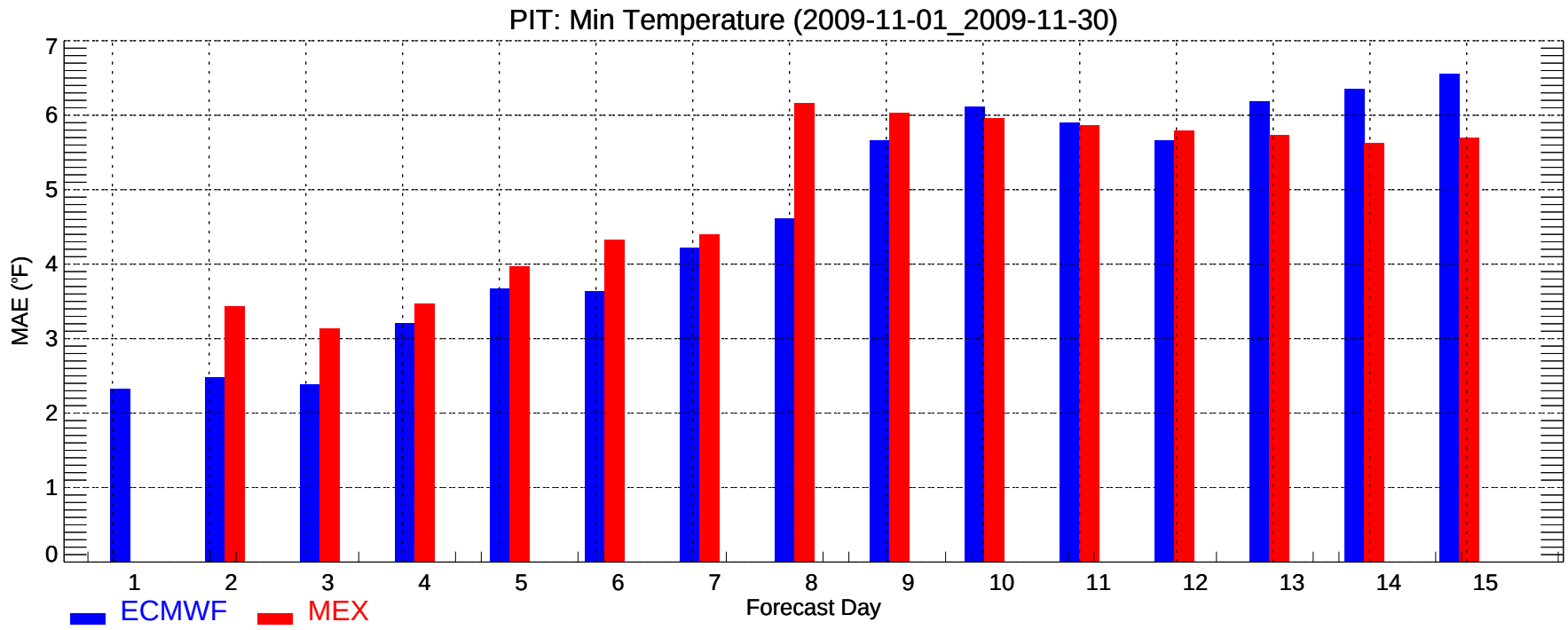
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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5
6
7
8
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11
12
13
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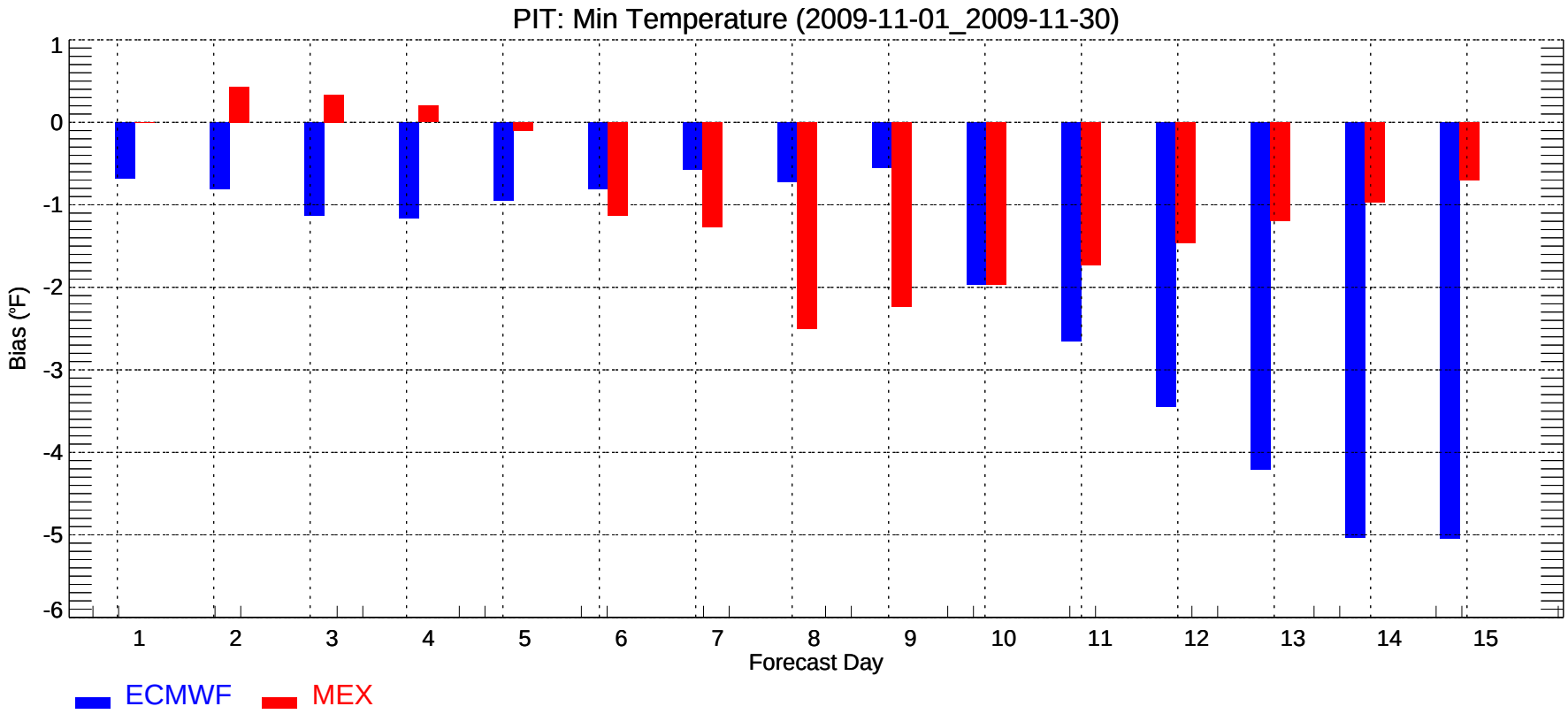
Forecast Day
ECMWF
MEX


PIT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
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11
12
13
14
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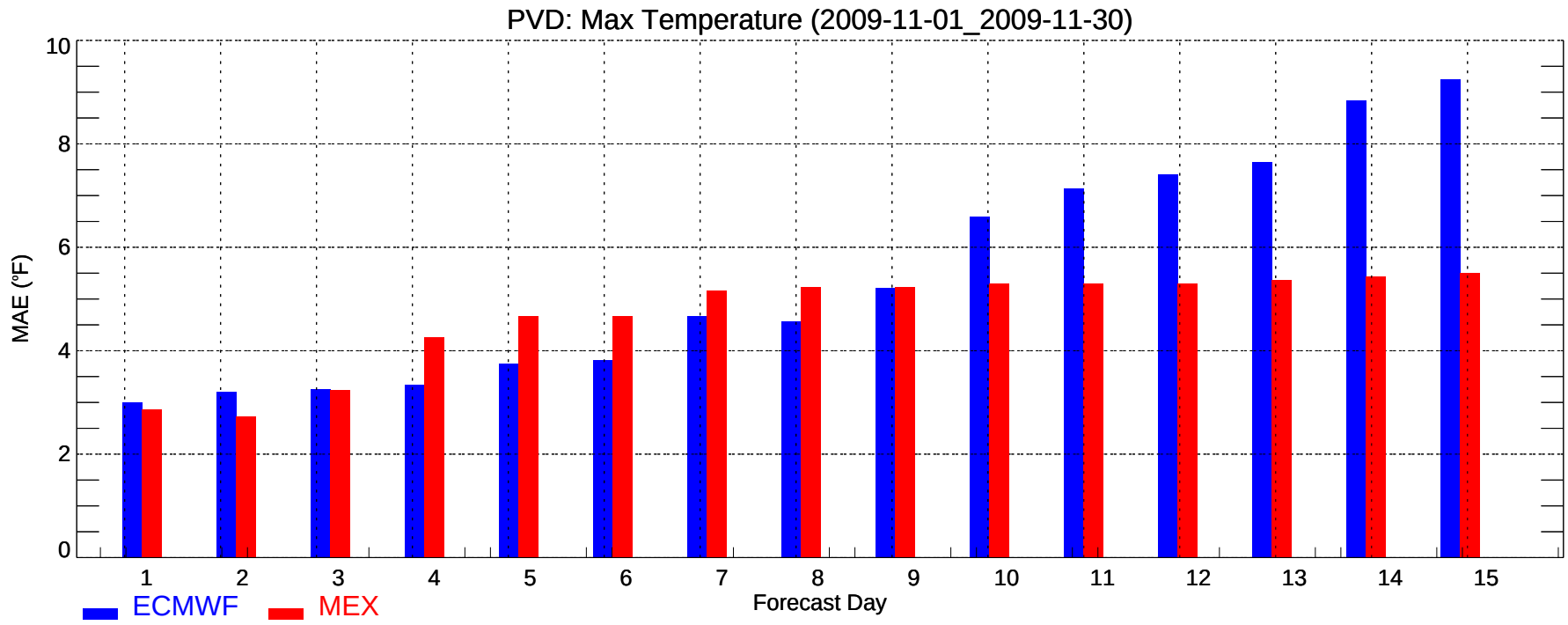
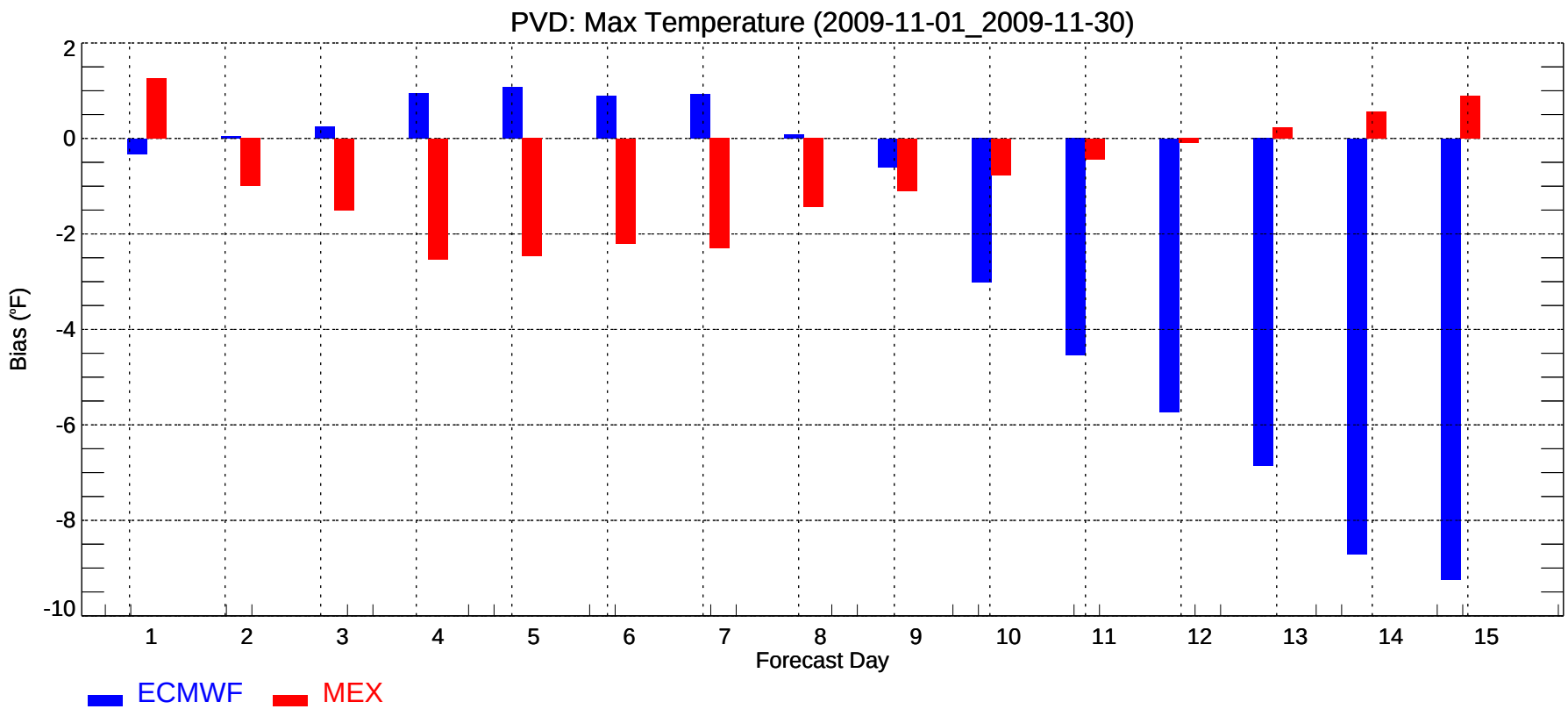
Forecast Day
ECMWF
MEX


PVD: Max Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
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6
7
8
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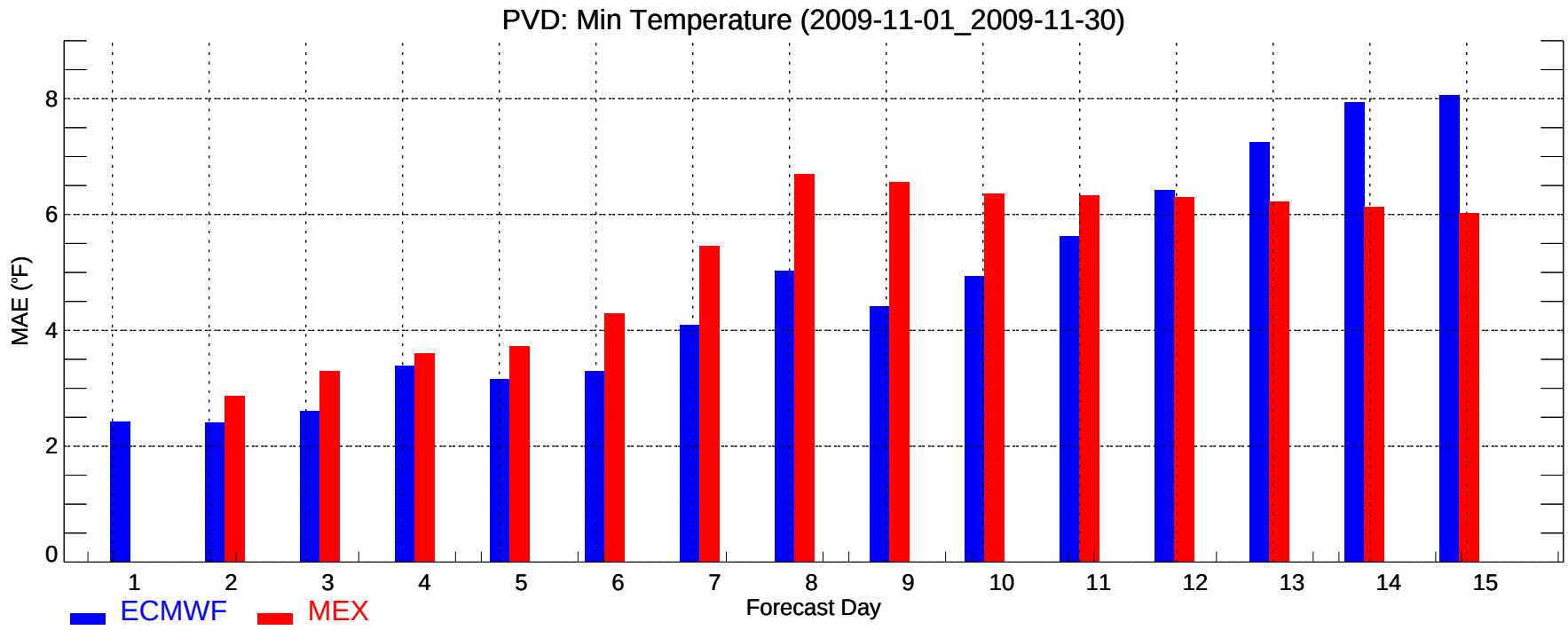
12
13
14
15
Forecast Day
ECMWF
MEX


PVD: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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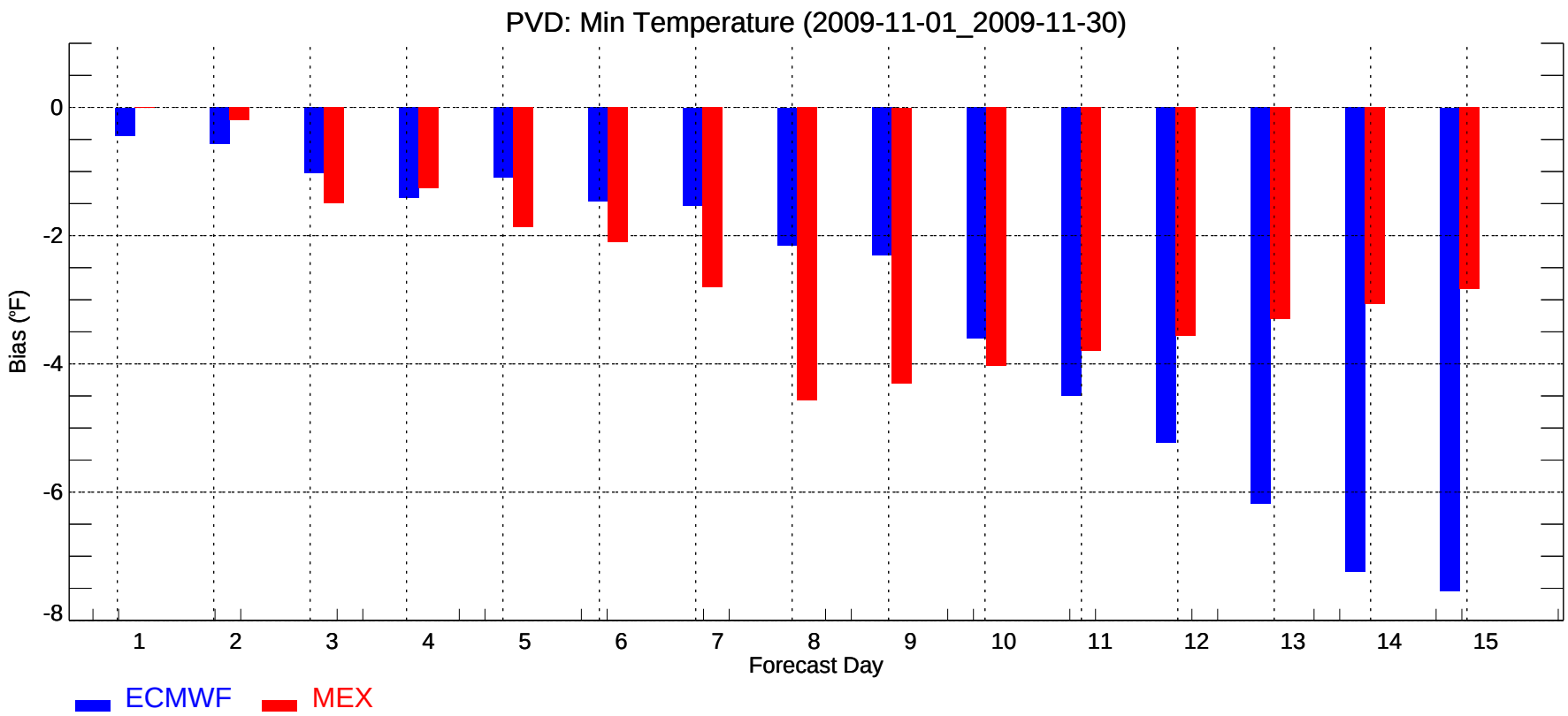
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PVD: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
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6
7
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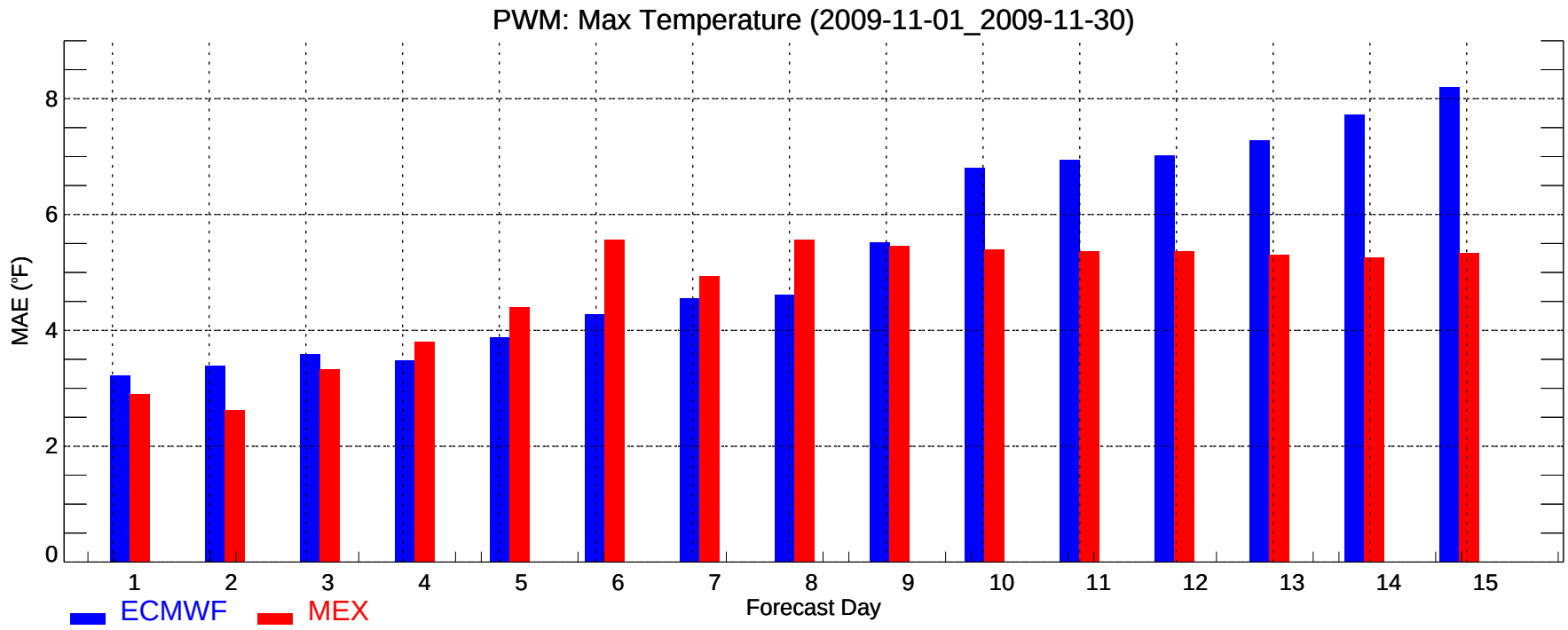
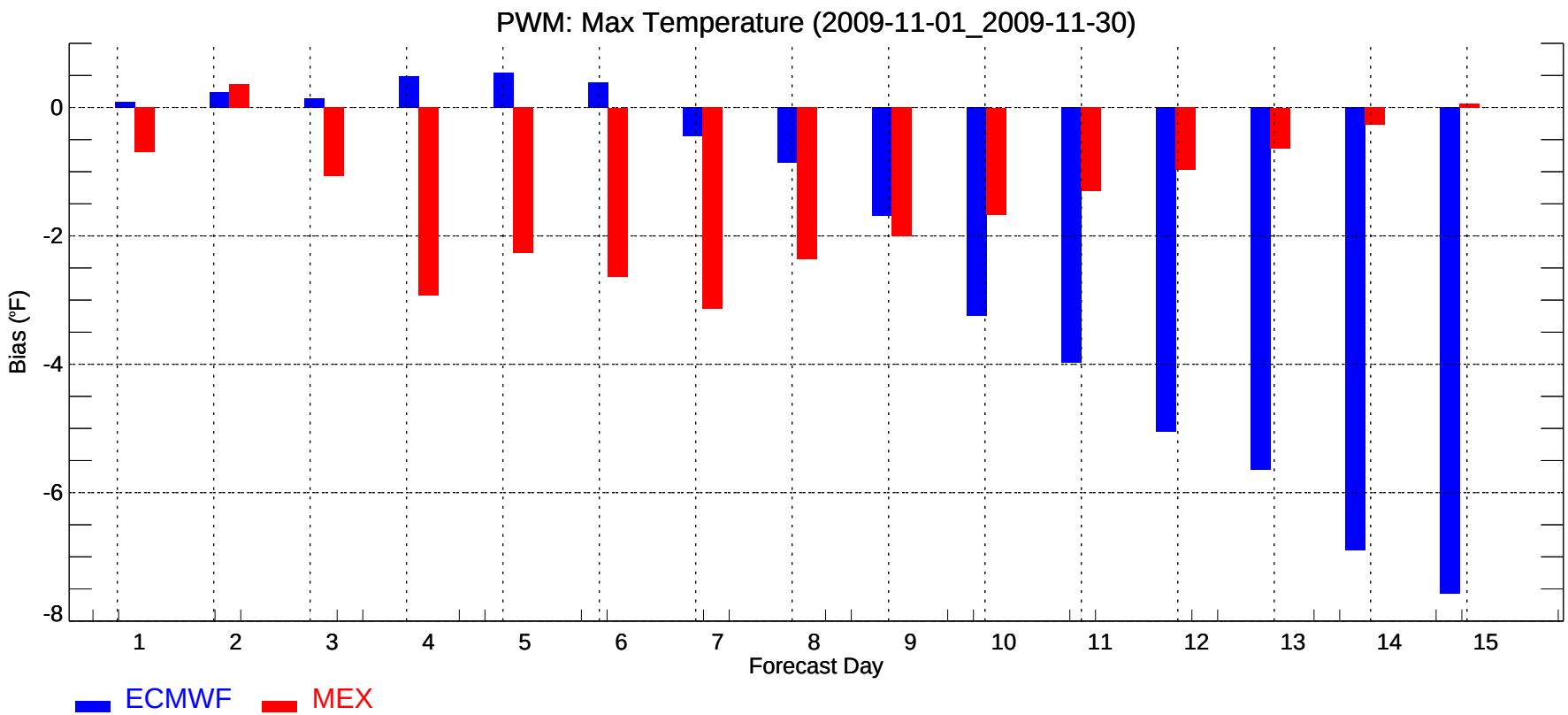
12
13
14
15
Forecast Day
ECMWF
MEX


PWM: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PWM: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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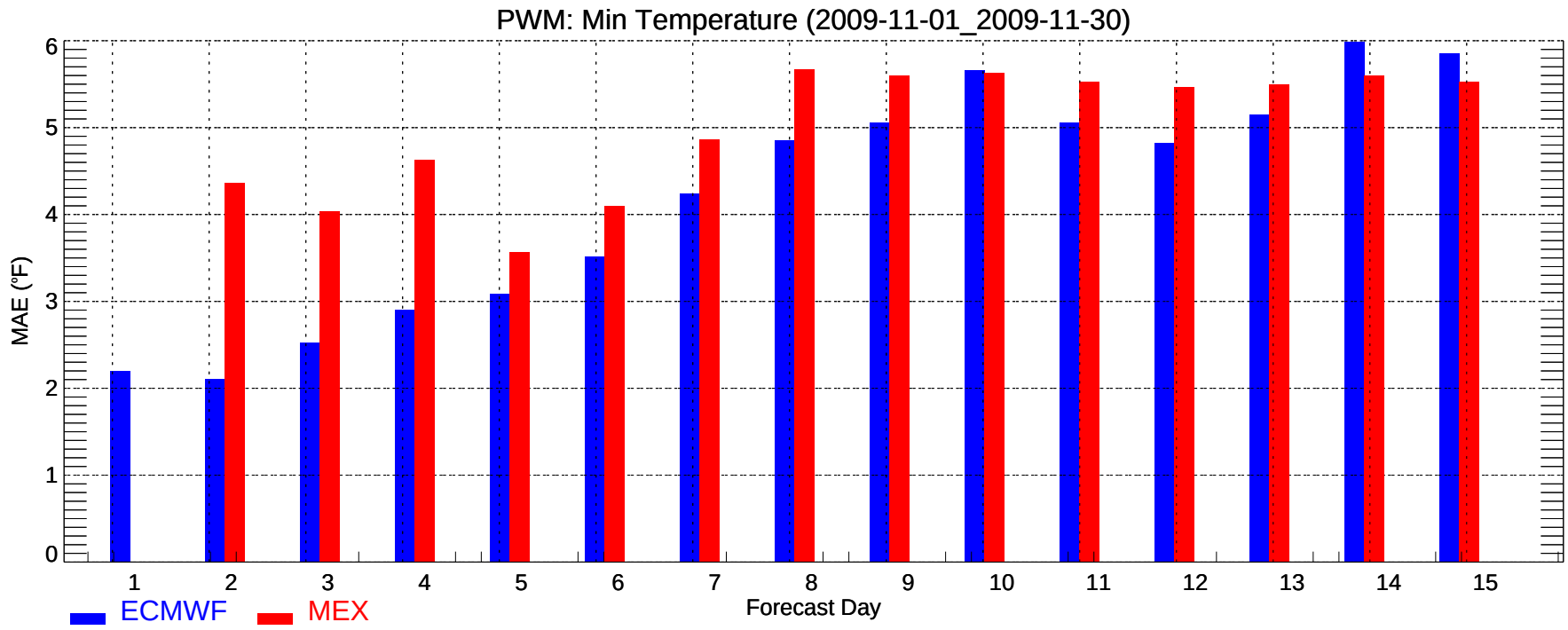
11
12
13
14
15
Forecast Day
ECMWF
MEX


PWM: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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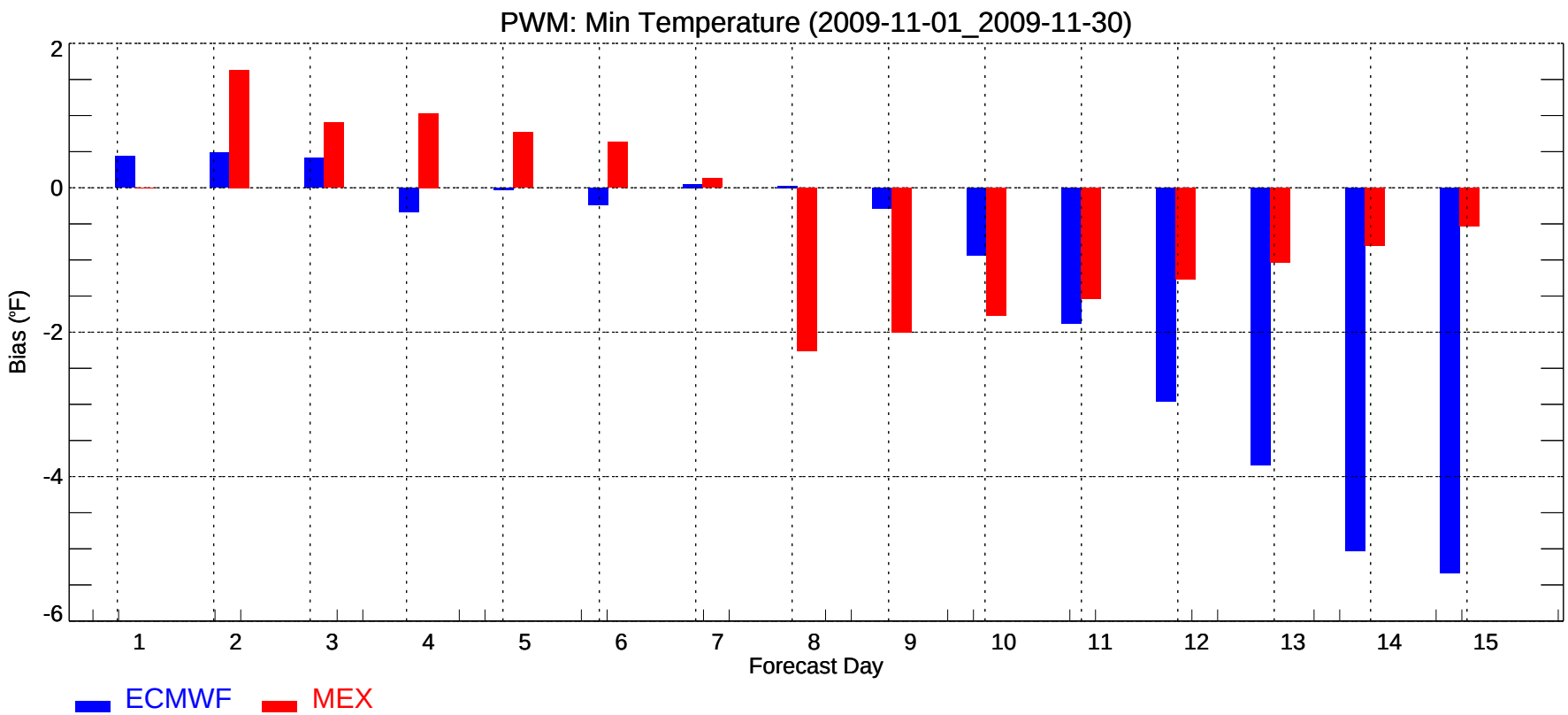
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PWM: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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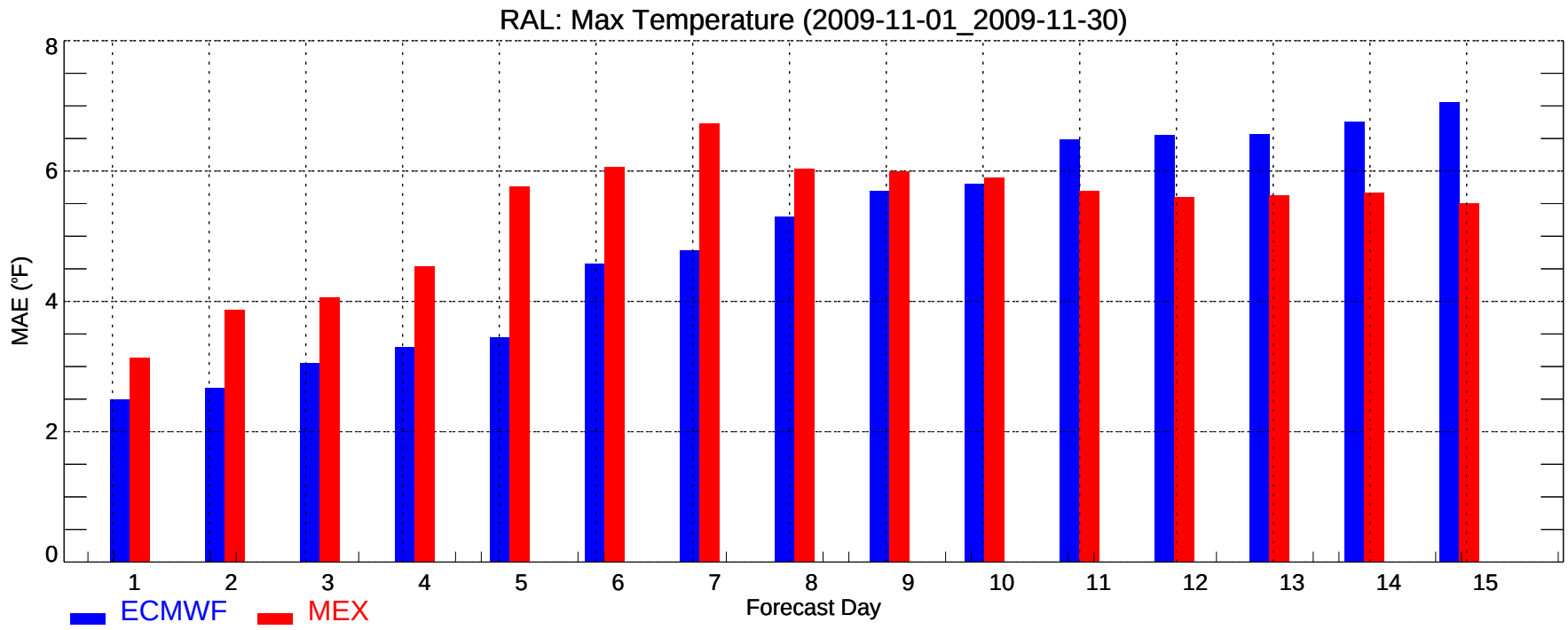
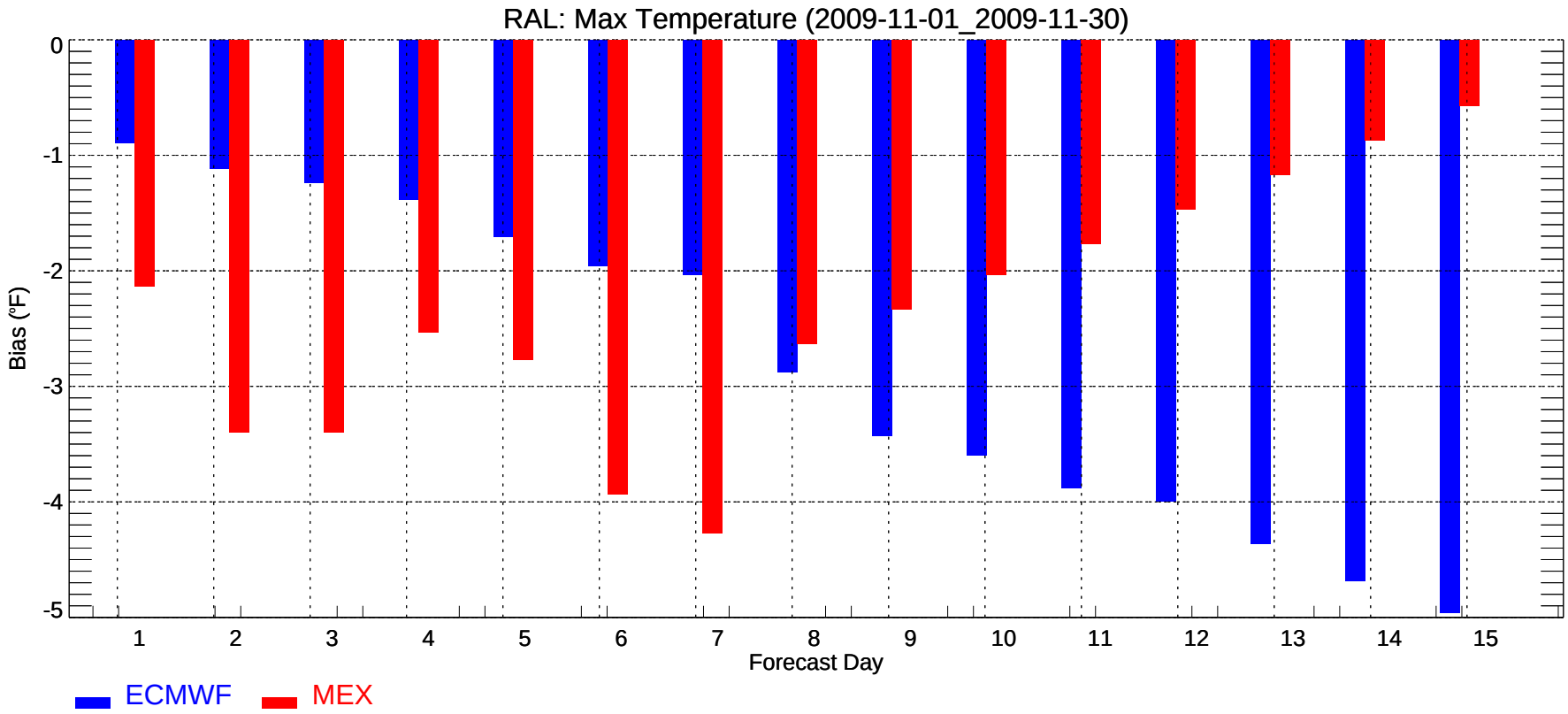
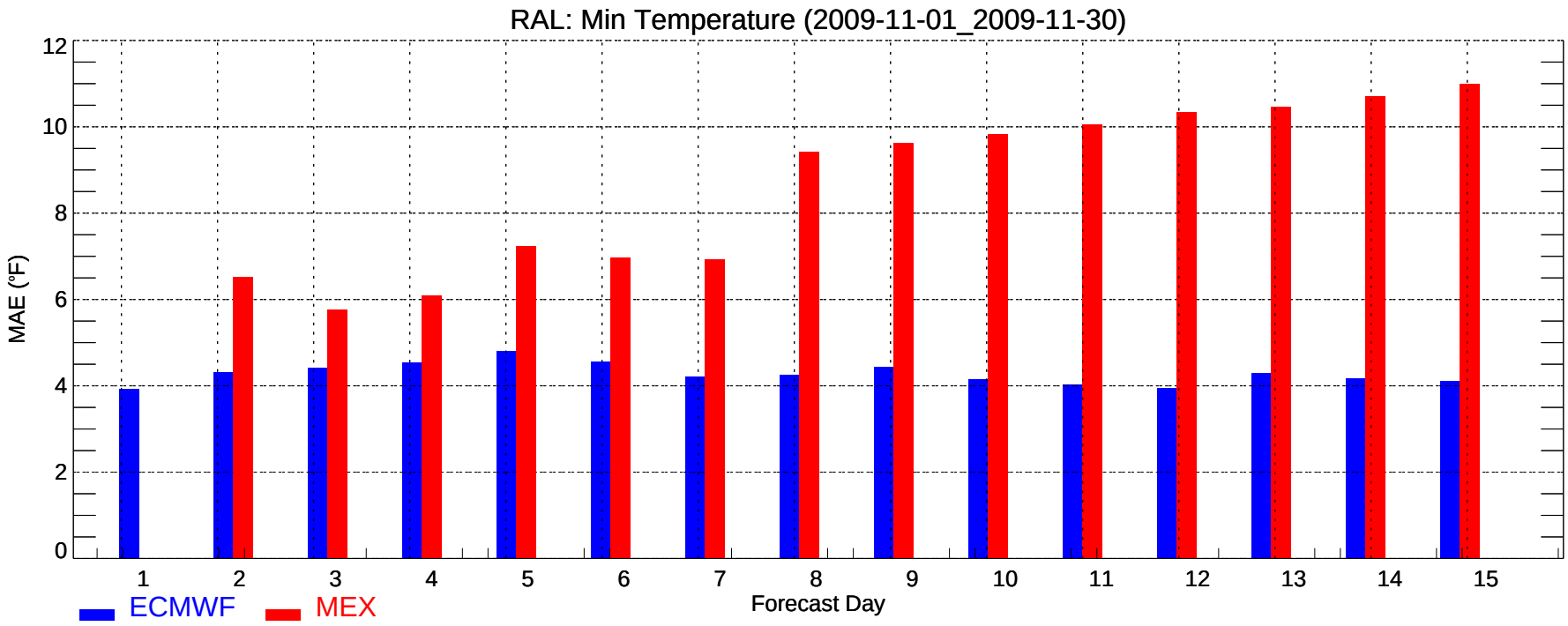
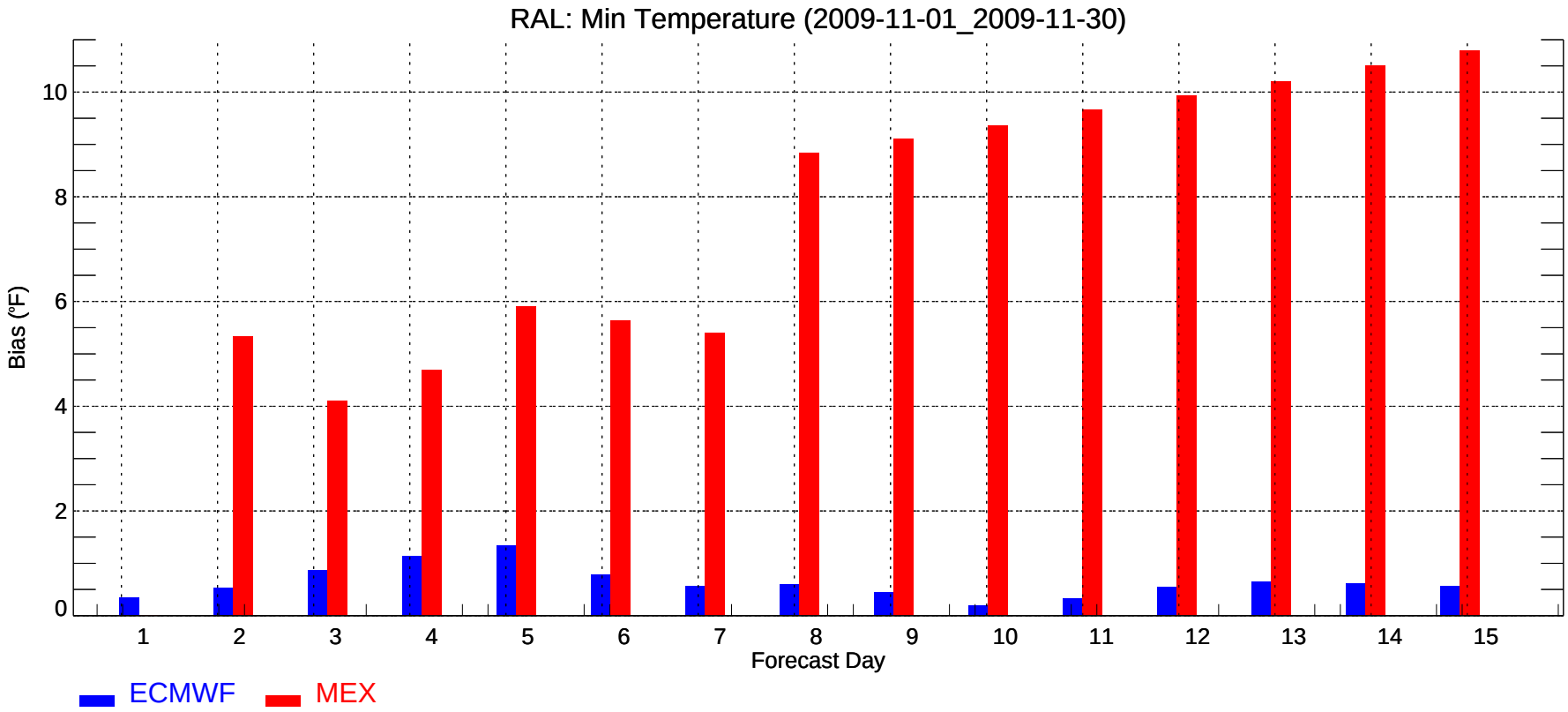
11
12
13
14
15
Forecast Day
ECMWF
MEX


RAL: Max Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
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


RAL: Min Temperature (2009-11-01_2009-11-30)
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


RAL: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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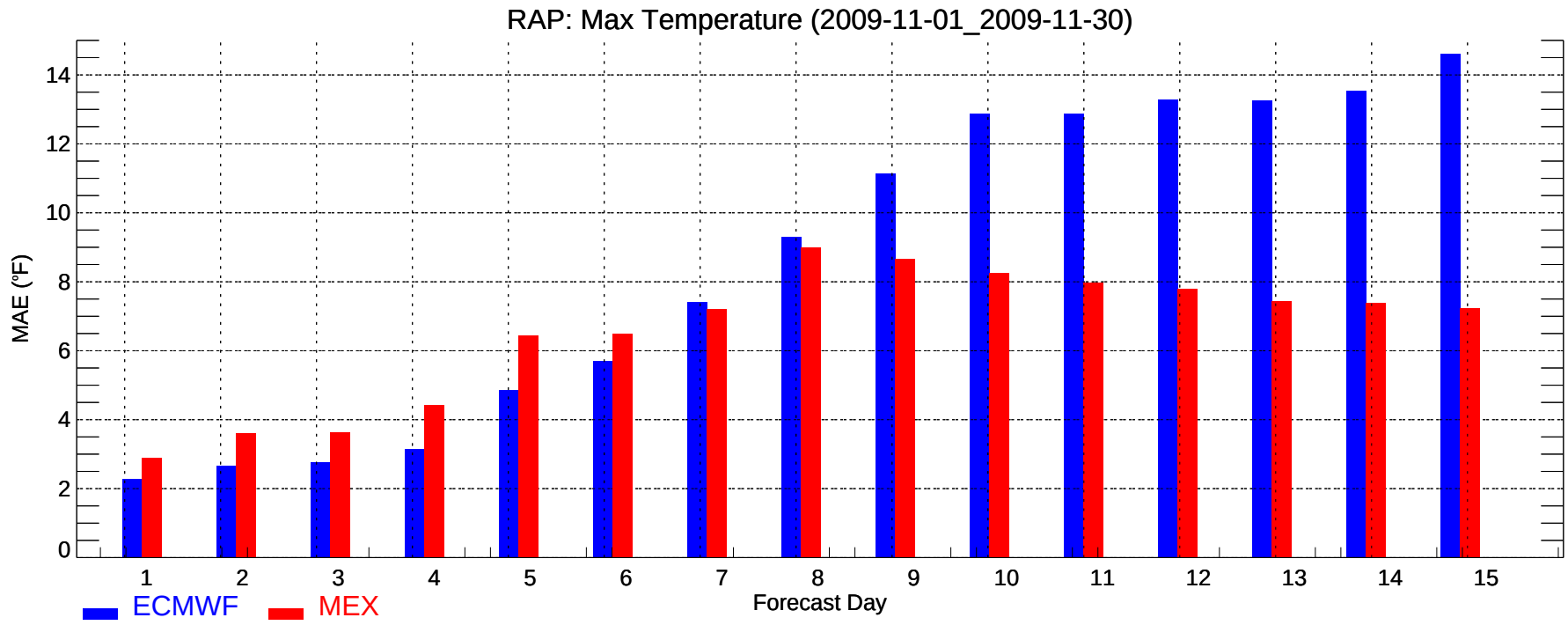
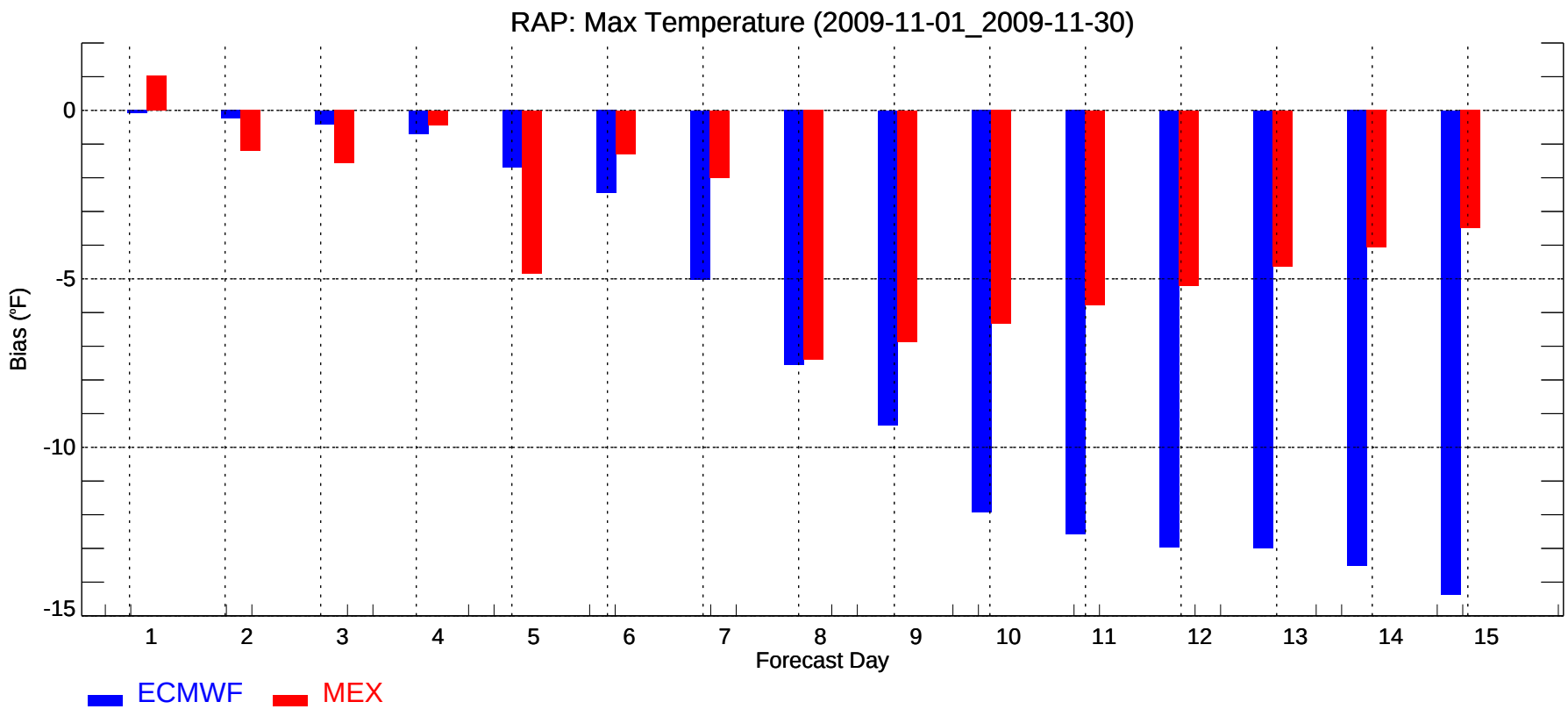
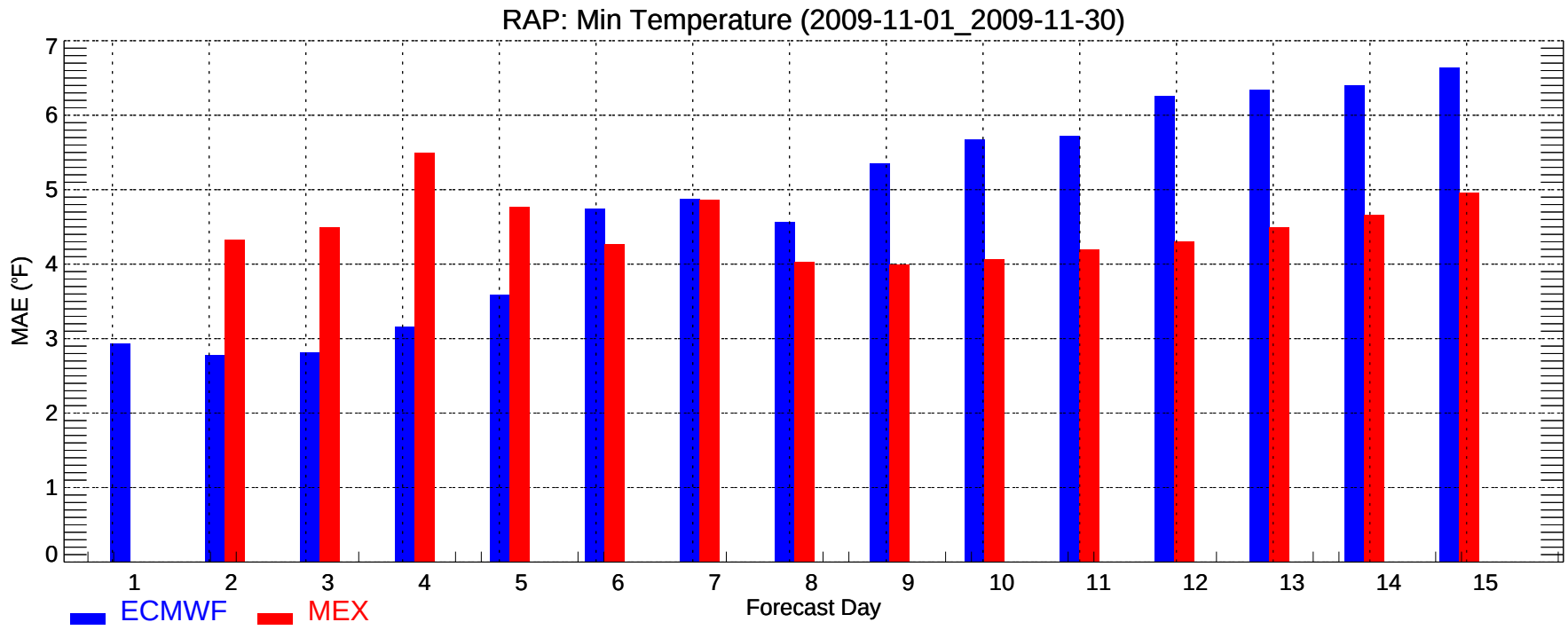
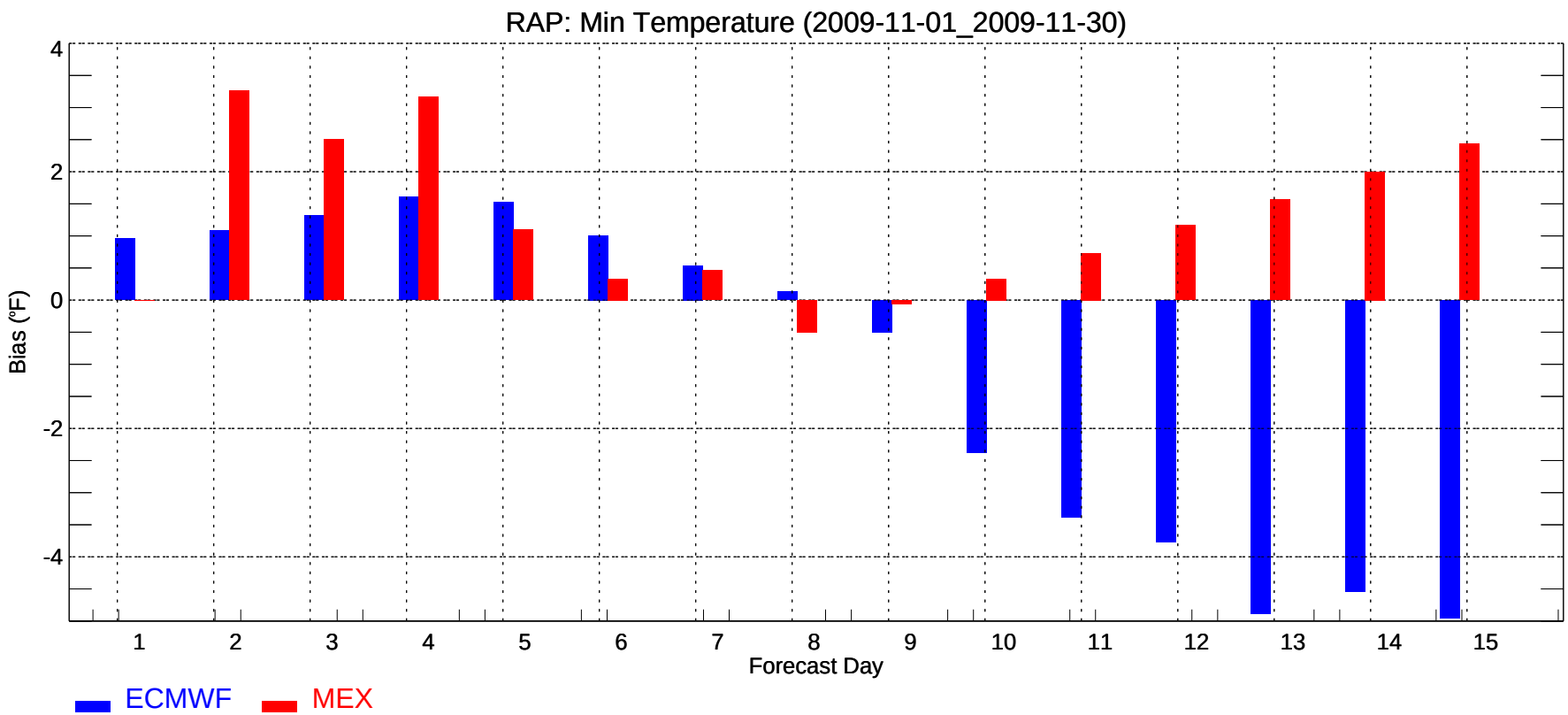
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RAP: Max Temperature (2009-11-01_2009-11-30)
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


RAP: Max Temperature (2009-11-01_2009-11-30)
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


RAP: Min Temperature (2009-11-01_2009-11-30)
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


RAP: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
1
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6
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13
14
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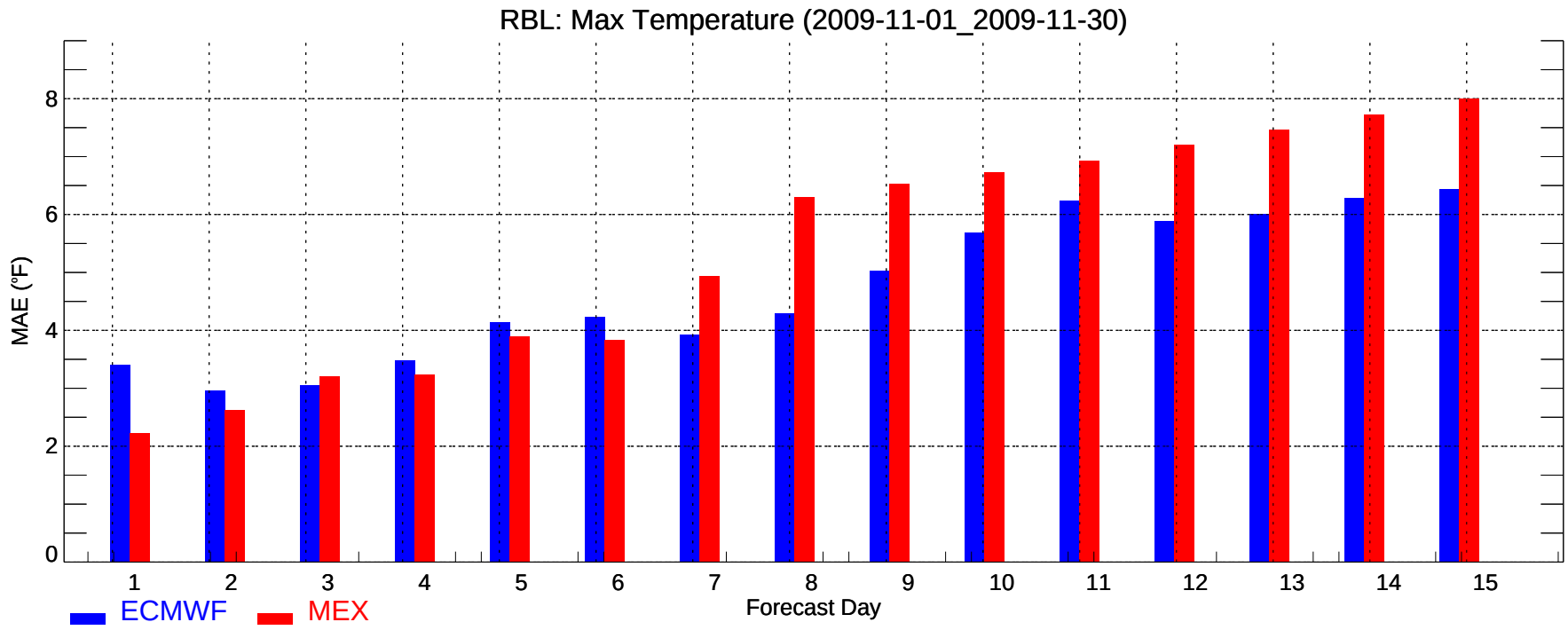
Forecast Day
ECMWF
MEX


RBL: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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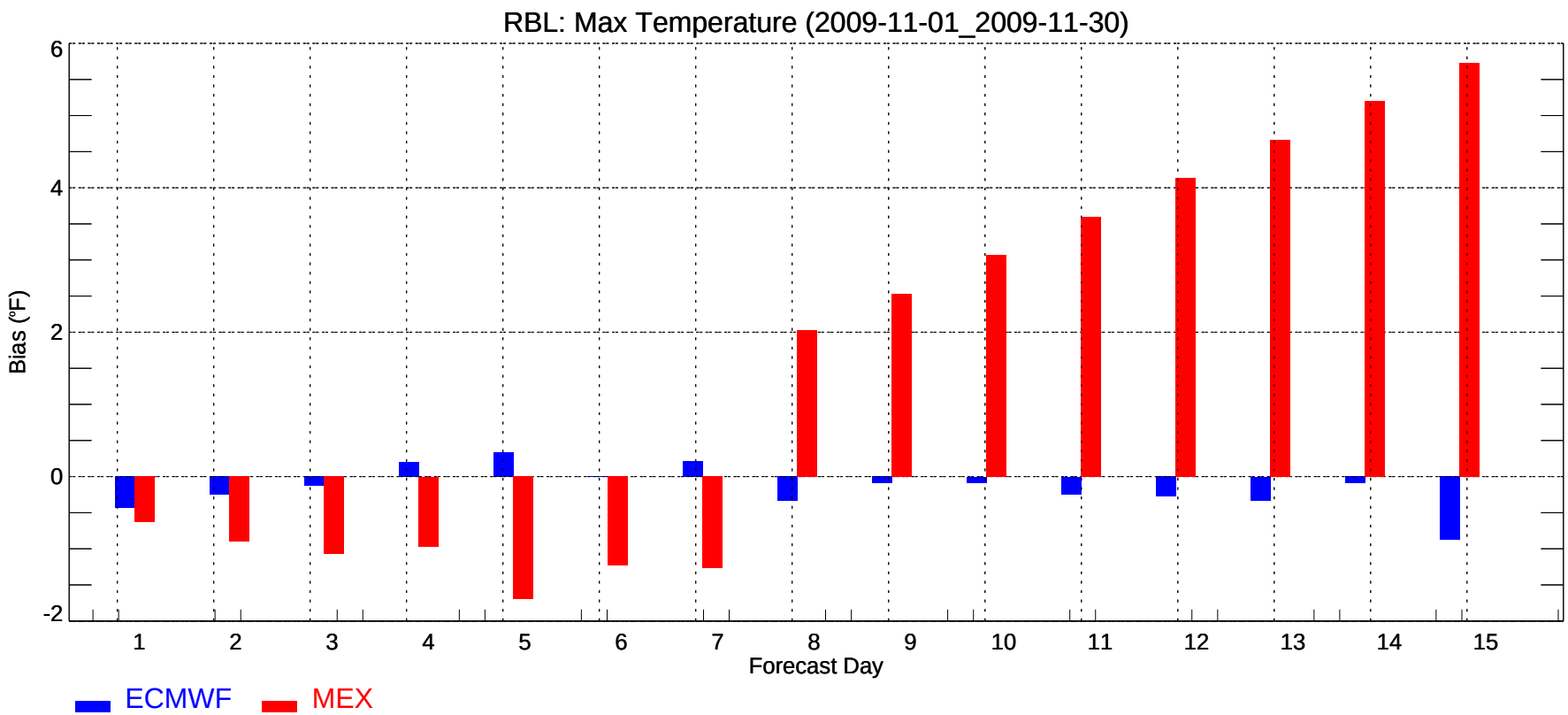
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RBL: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
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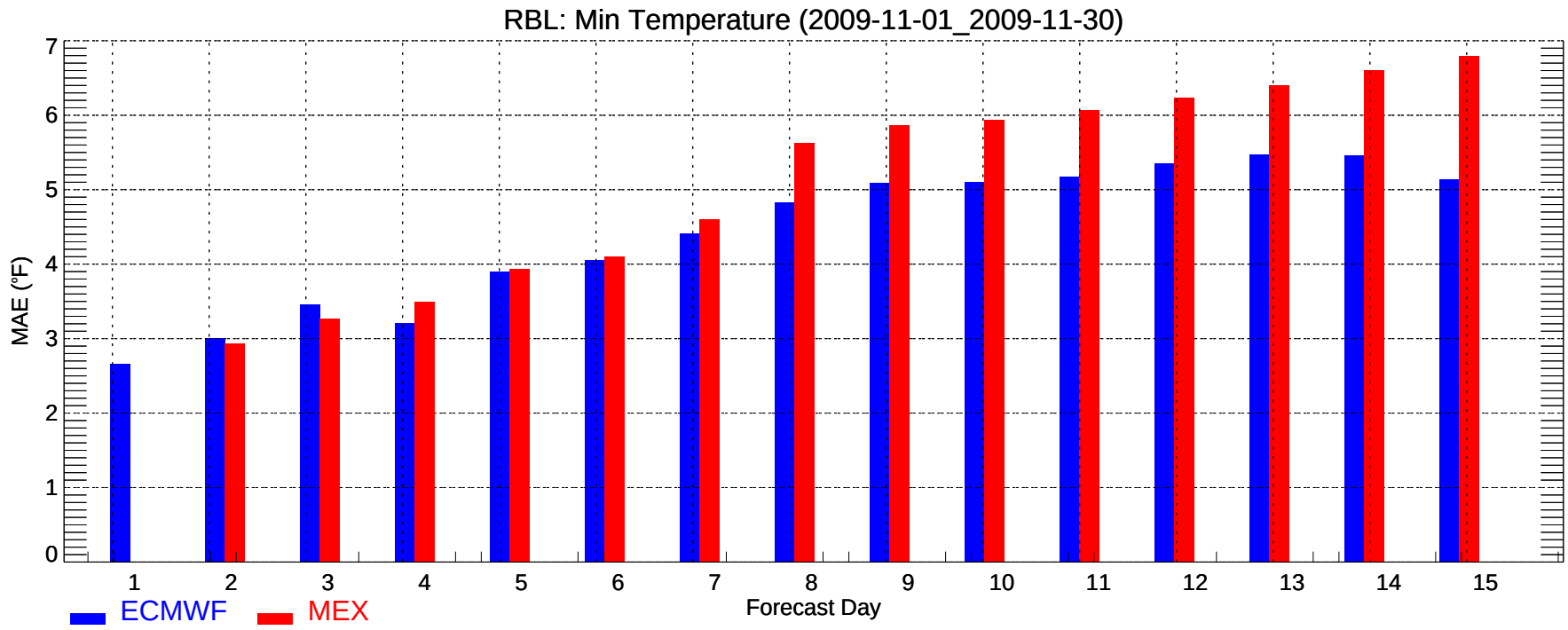
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RBL: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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10
11
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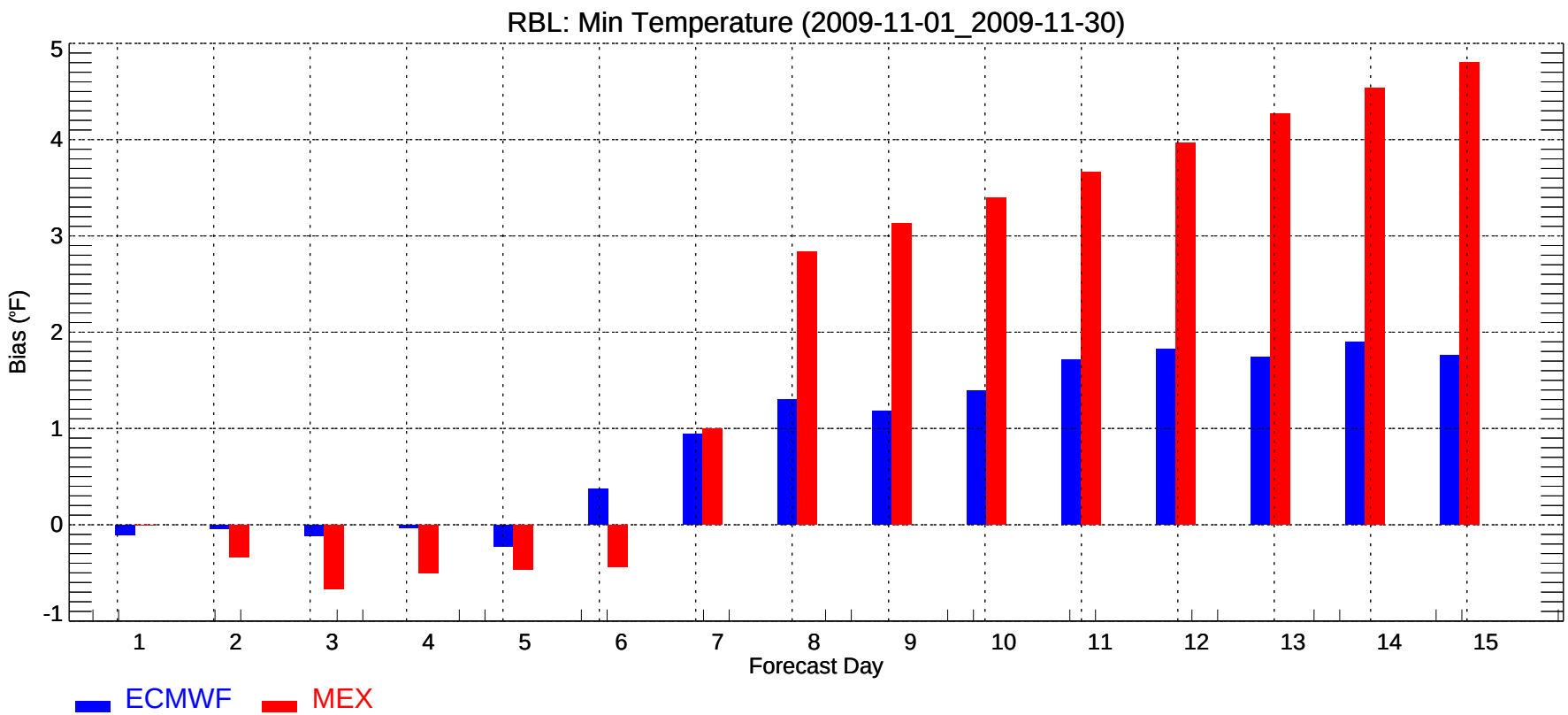
13
14
15
Forecast Day
ECMWF
MEX


RBL: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
5
1
2
3
4
5
6
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8
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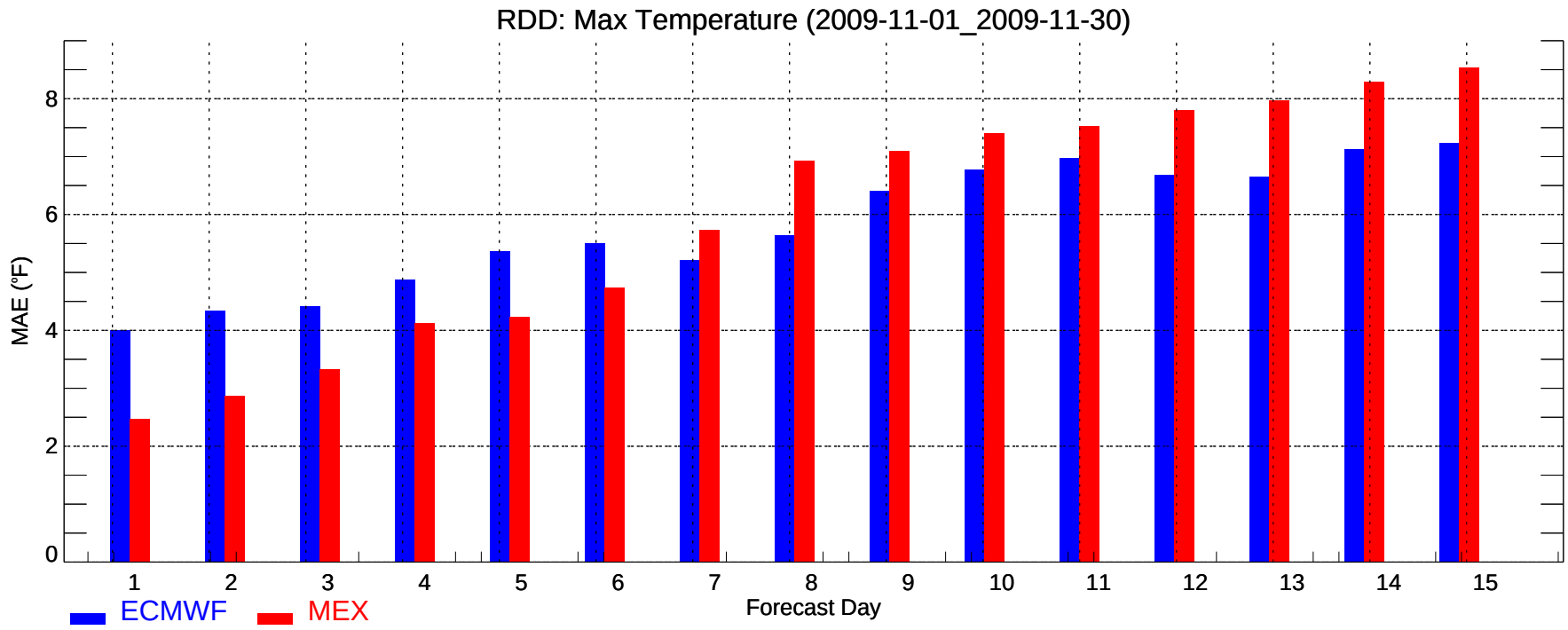
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RDD: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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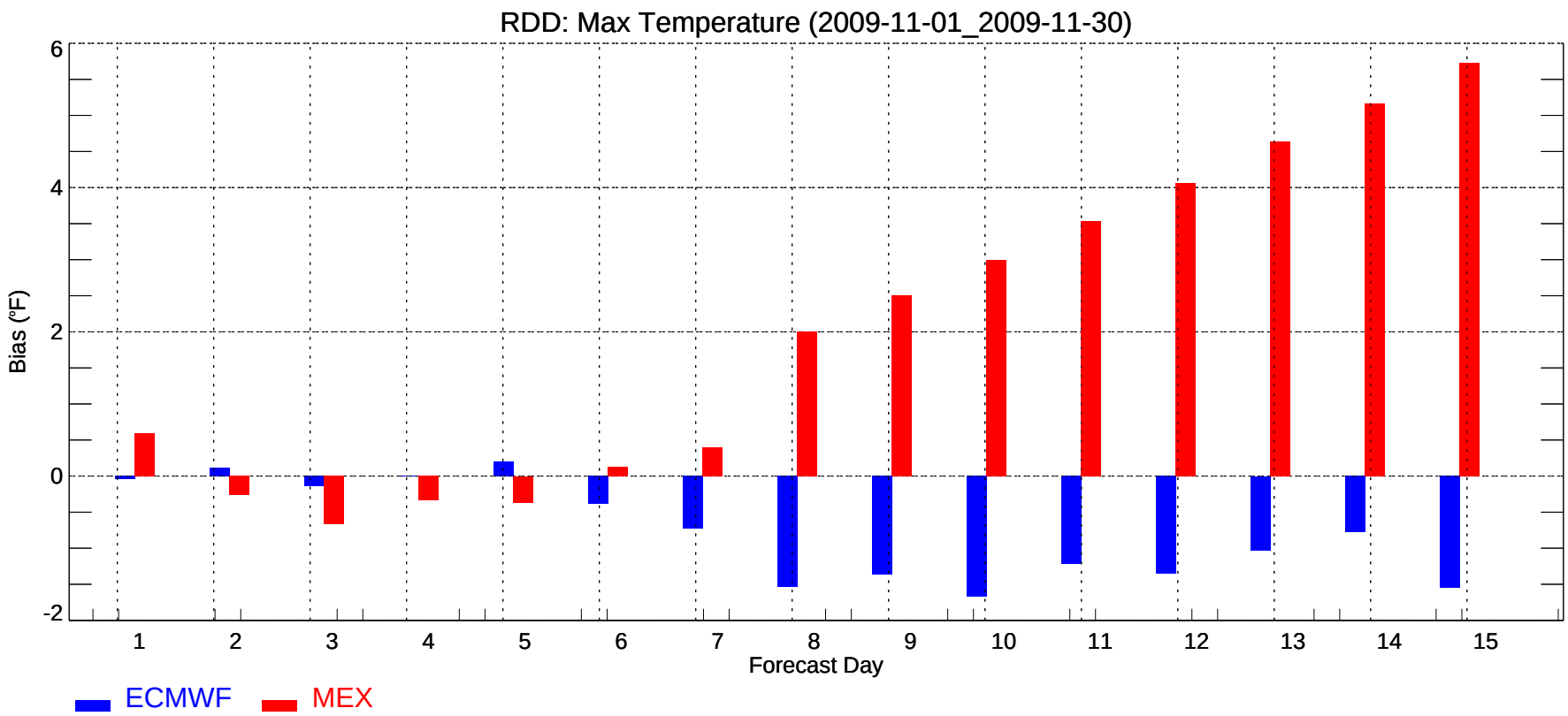
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RDD: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
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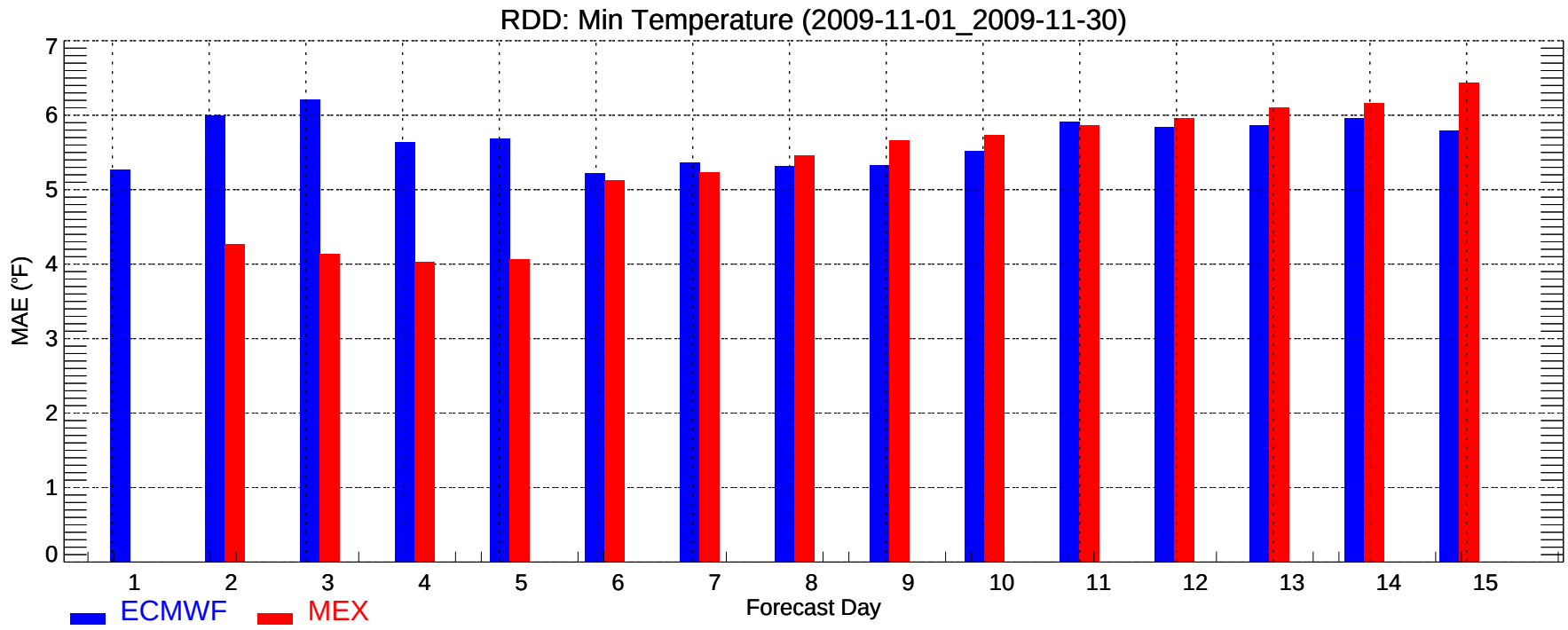
11
12
13
14
15
Forecast Day
ECMWF
MEX


RDD: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
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10
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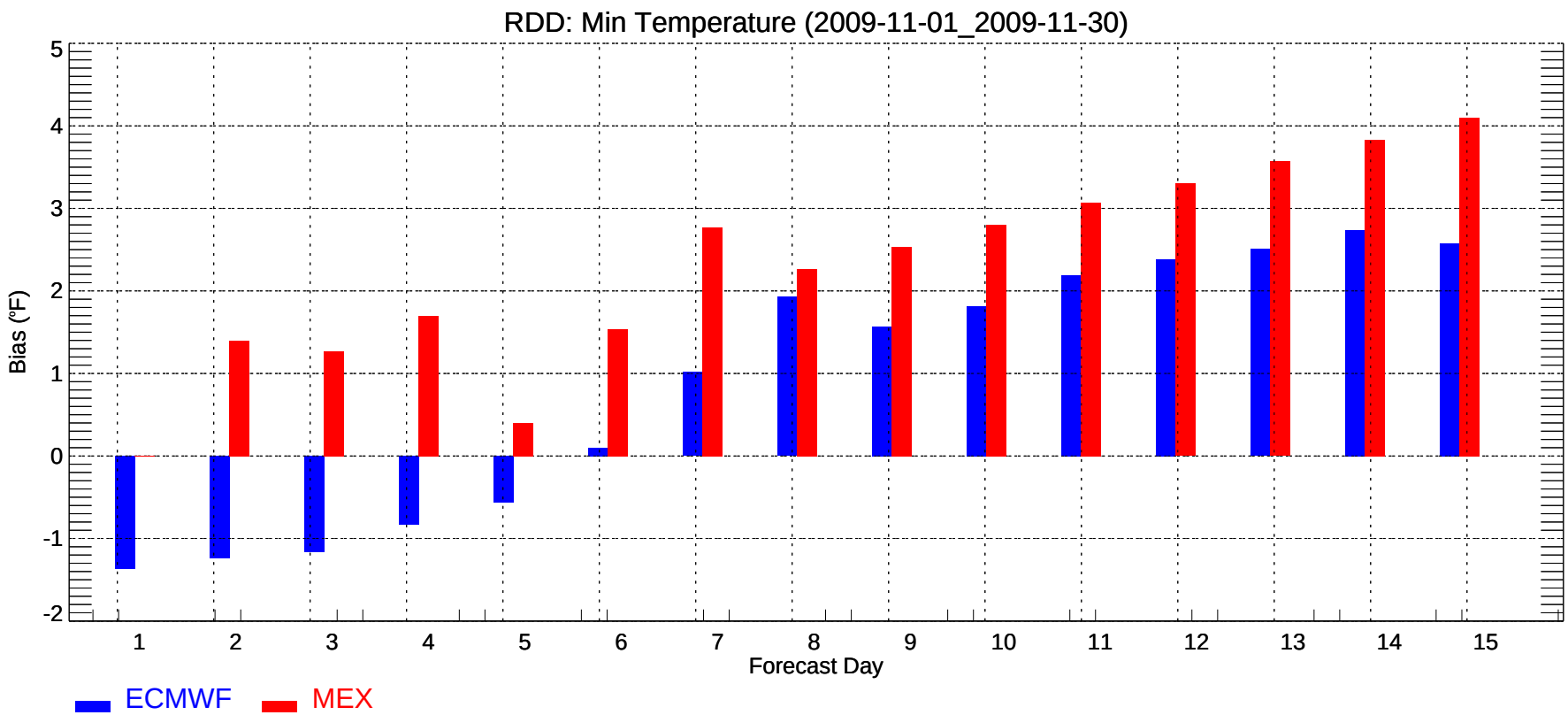
12
13
14
15
Forecast Day
ECMWF
MEX


RDD: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
-1
0
1
2
3
4
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1
2
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6
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8
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12
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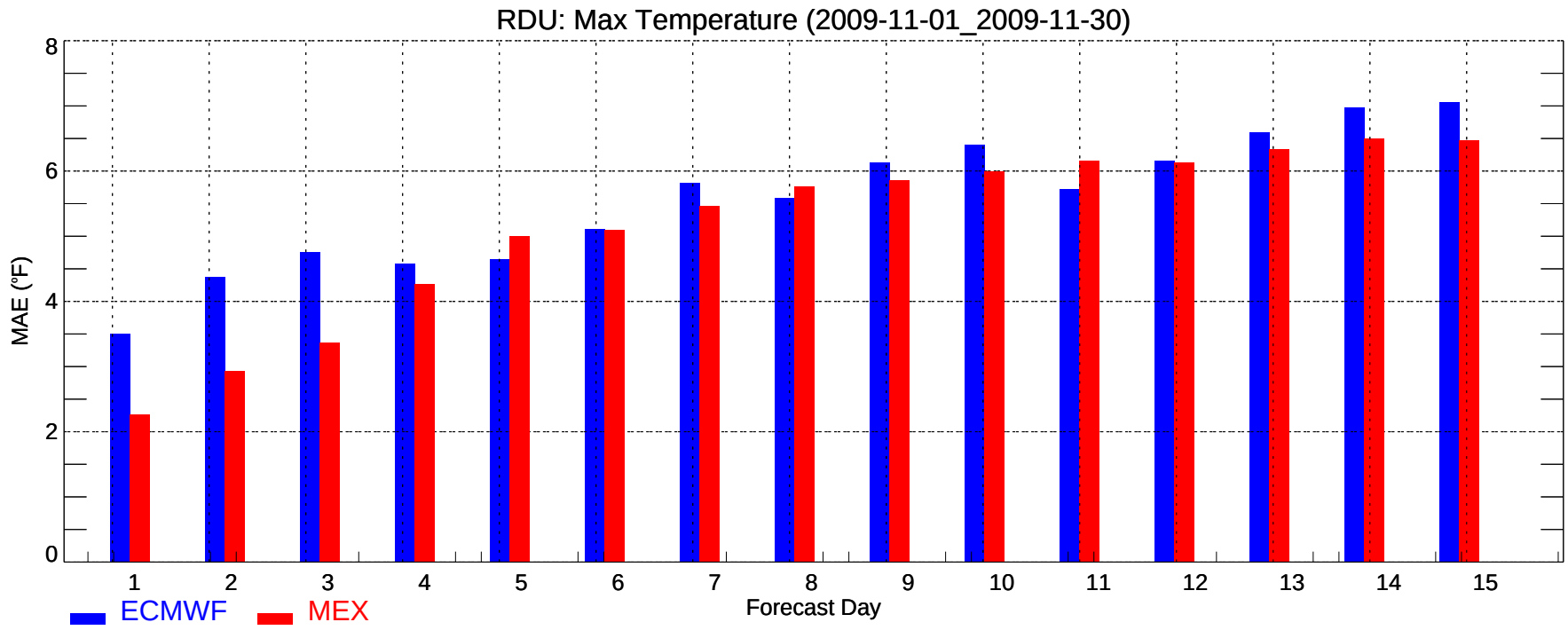
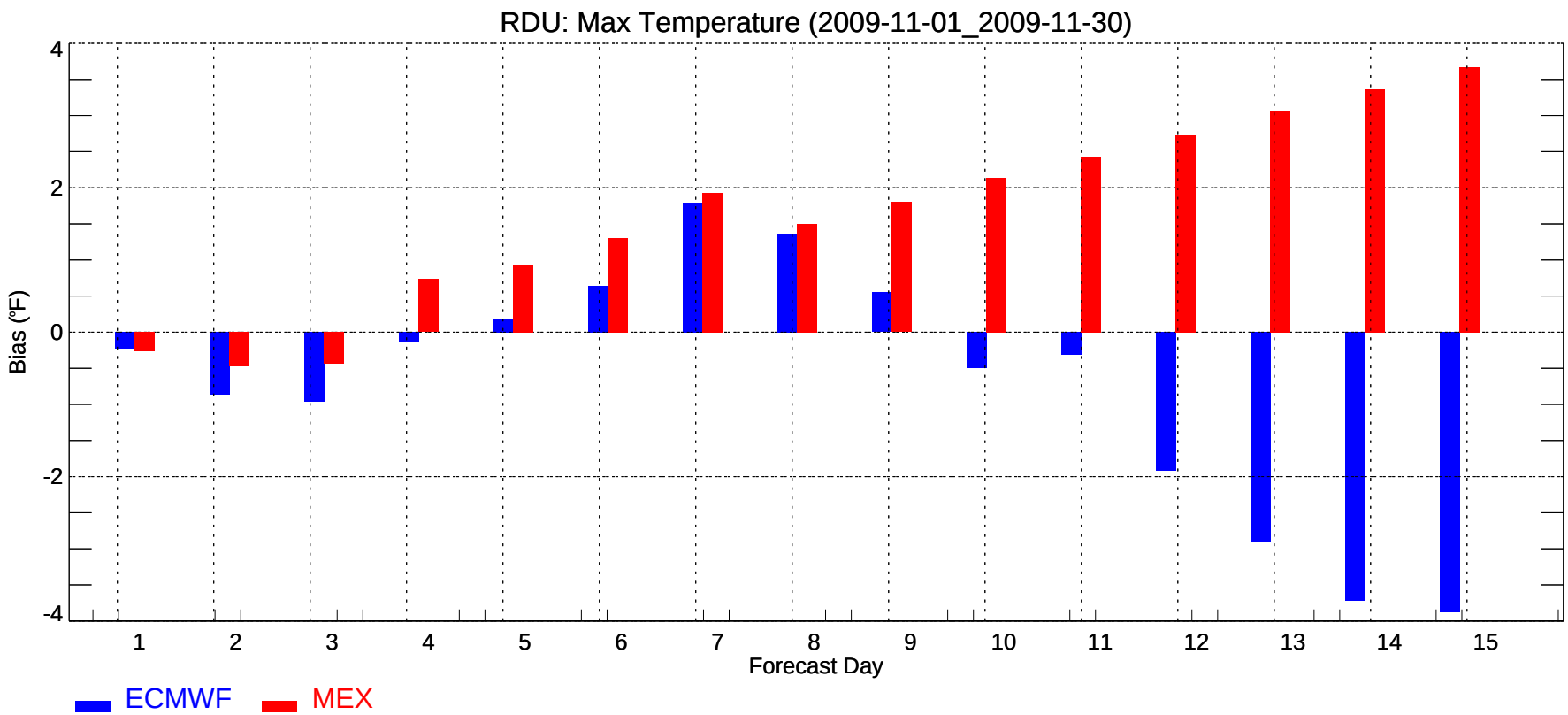
14
15
Forecast Day
ECMWF
MEX


RDU: Max Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
1
2
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6
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10
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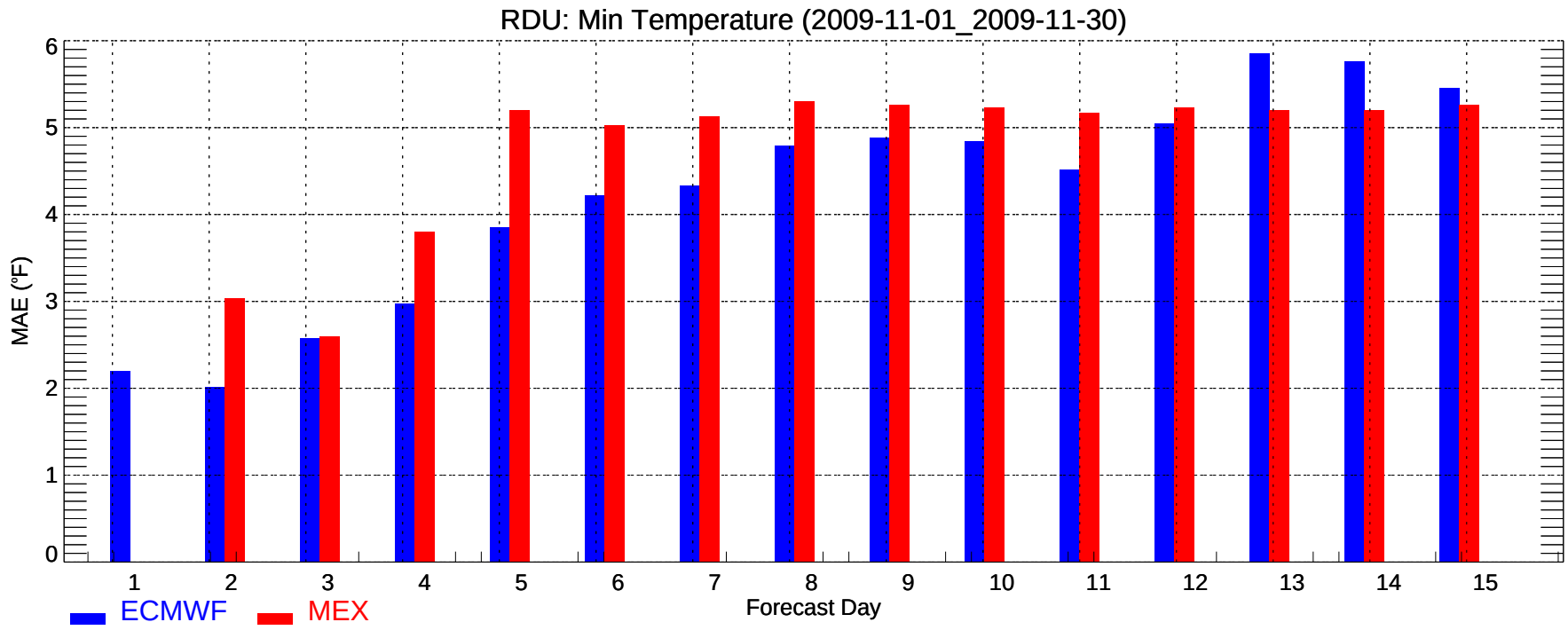
12
13
14
15
Forecast Day
ECMWF
MEX


RDU: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
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5
6
1
2
3
4
5
6
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8
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10
11
12
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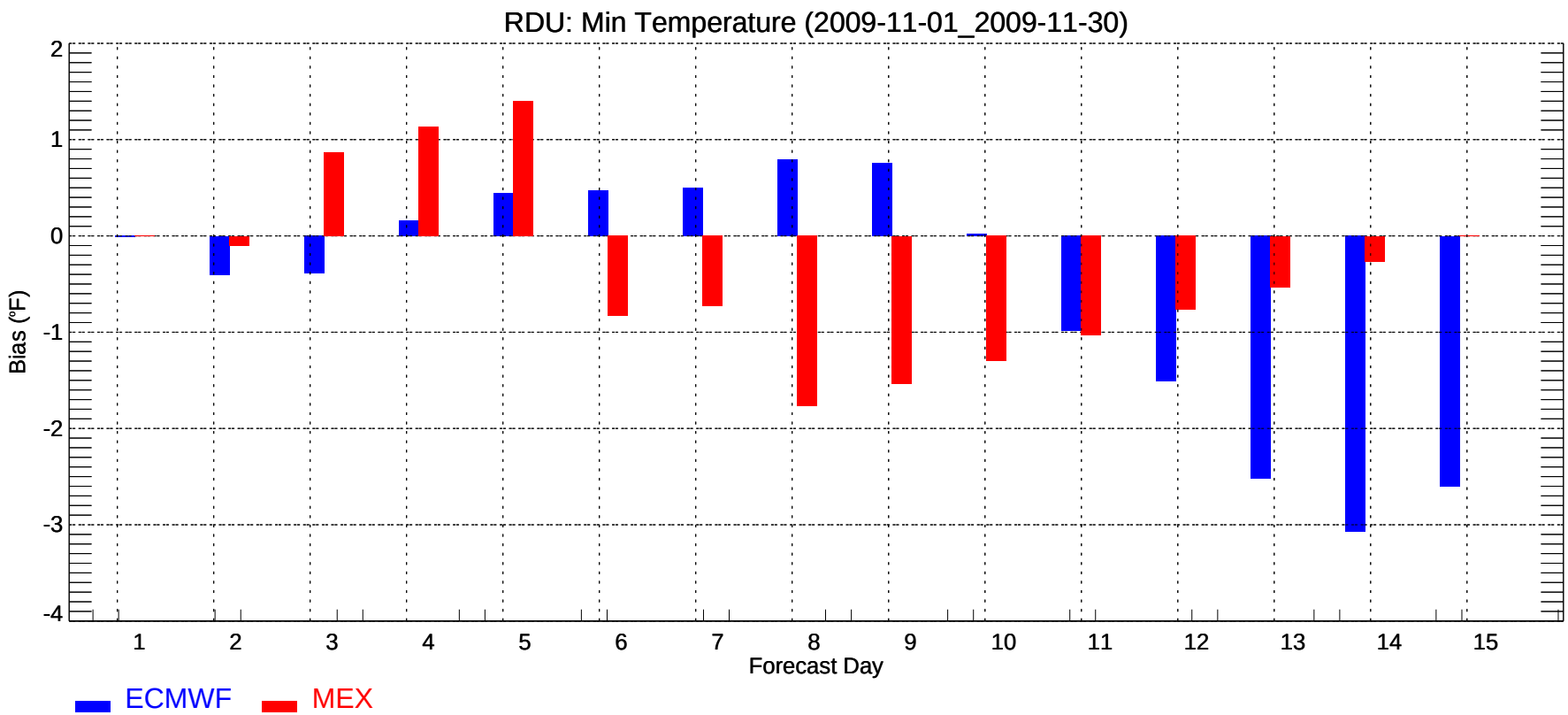
14
15
Forecast Day
ECMWF
MEX


RDU: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
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4
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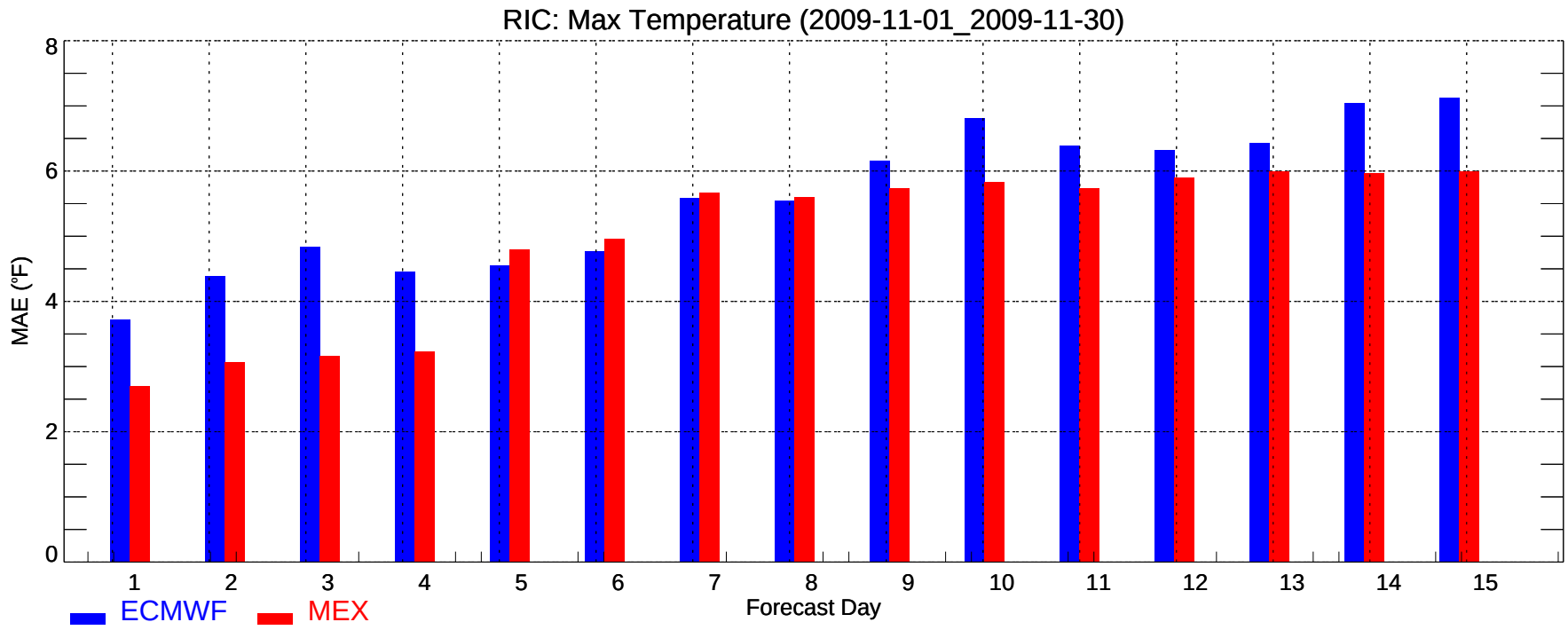
13
14
15
Forecast Day
ECMWF
MEX


RIC: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
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6
8
1
2
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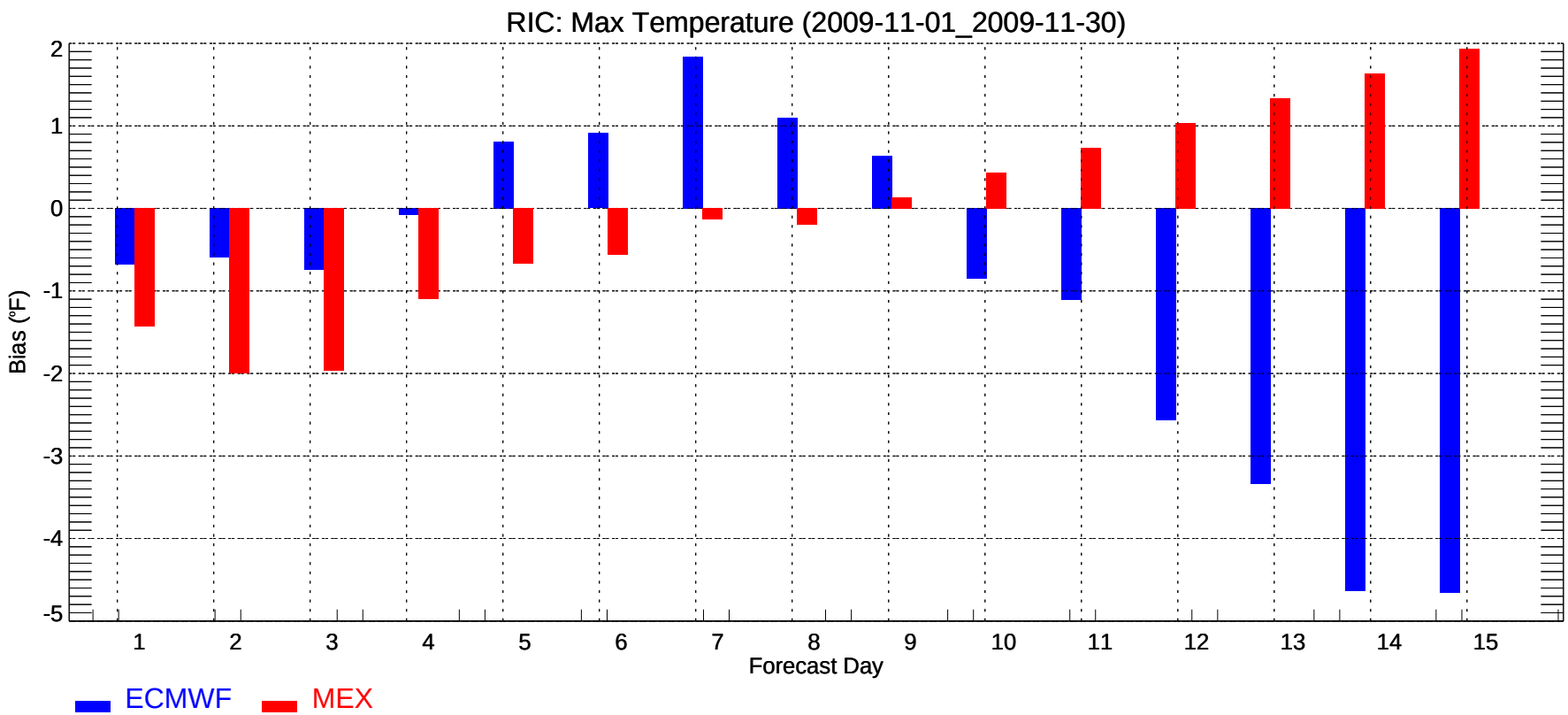
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RIC: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
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12
13
14
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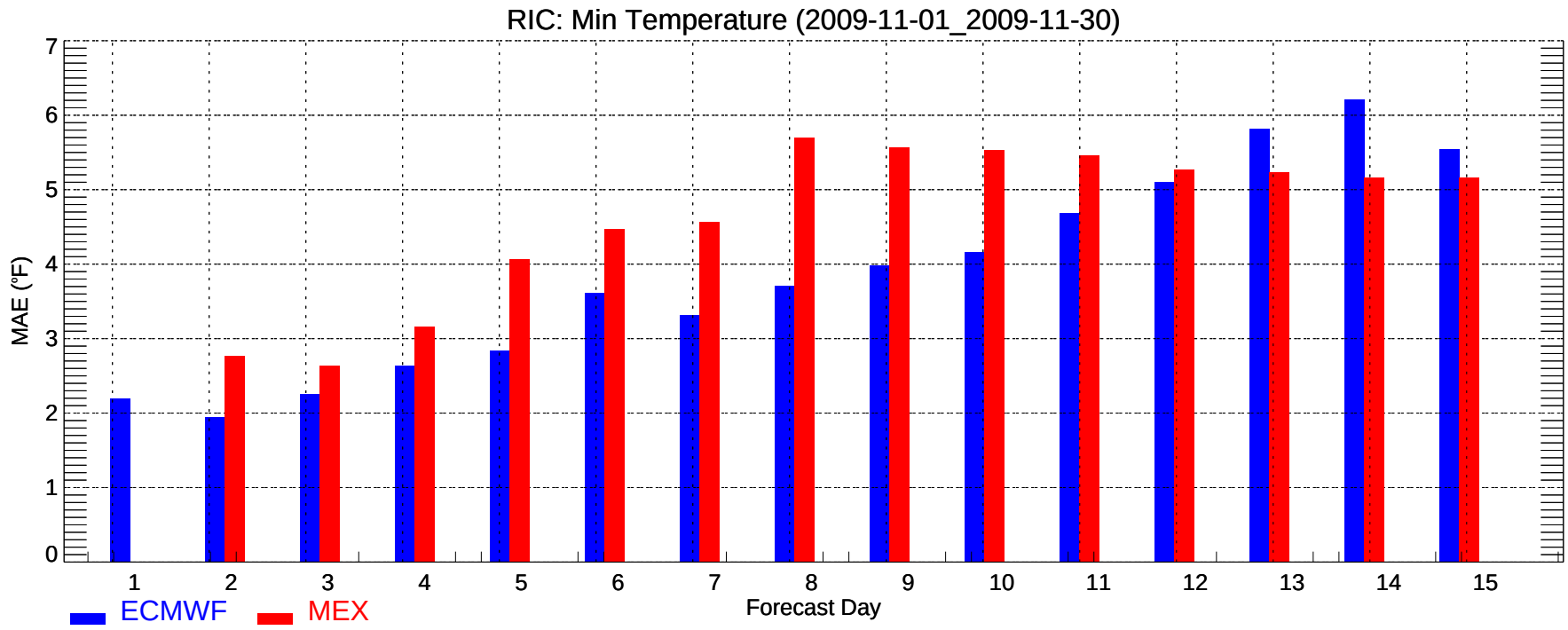
Forecast Day
ECMWF
MEX


RIC: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
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5
6
7
1
2
3
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13
14
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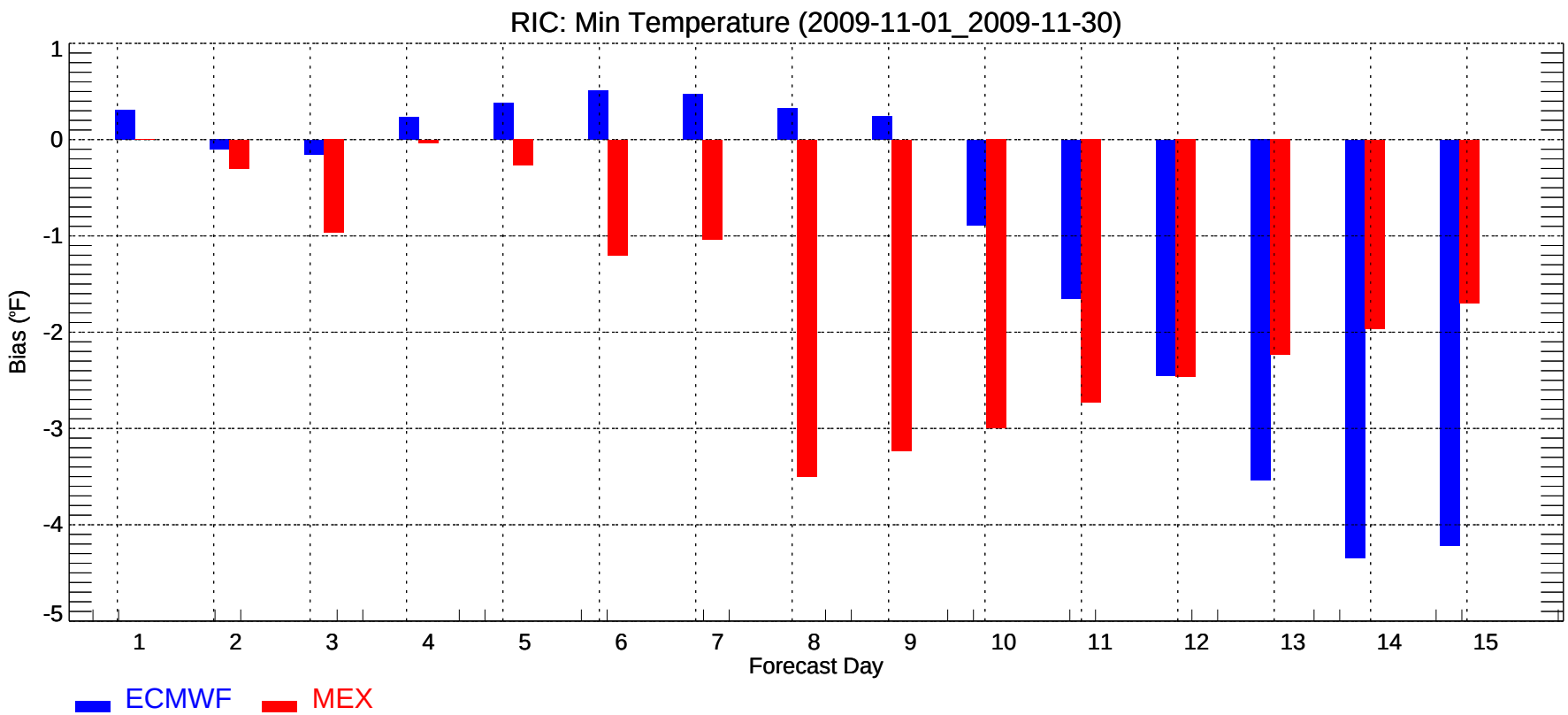
Forecast Day
ECMWF
MEX


RIC: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
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6
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8
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10
11
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14
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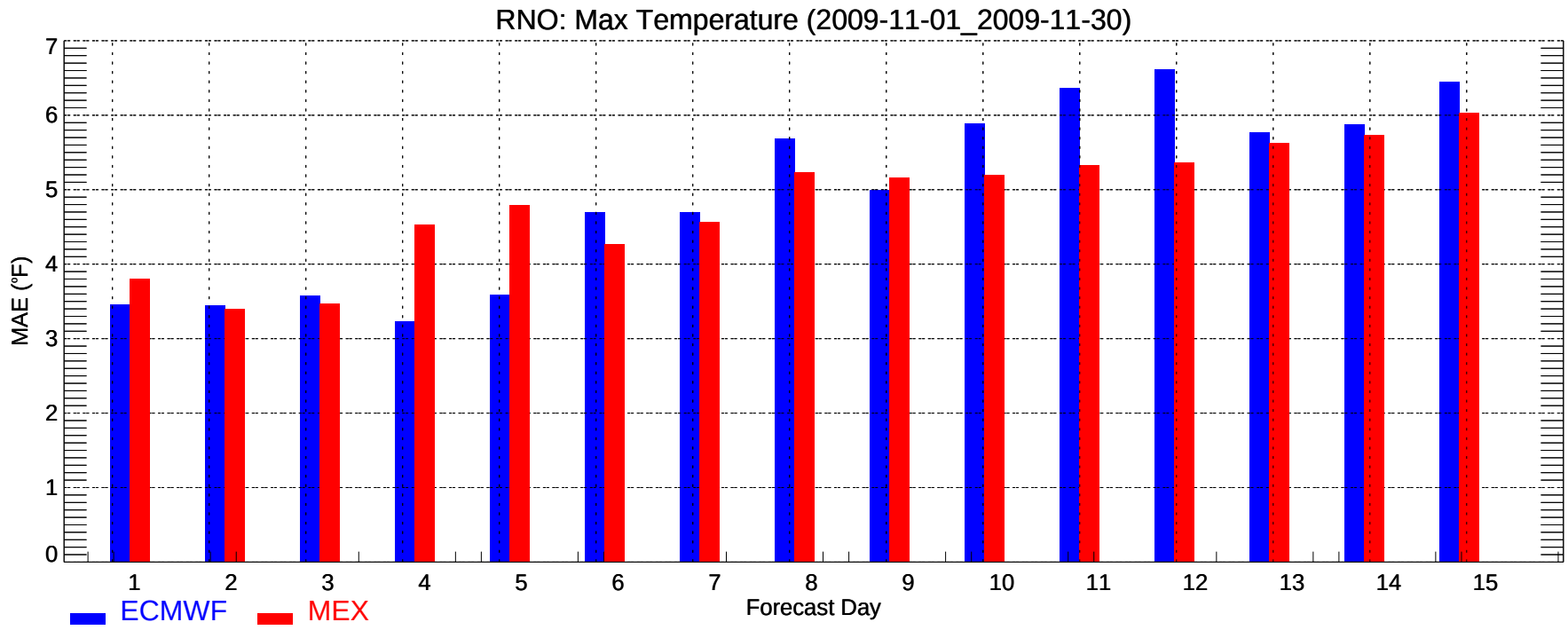
Forecast Day
ECMWF
MEX


RNO: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
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4
5
6
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1
2
3
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5
6
7
8
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13
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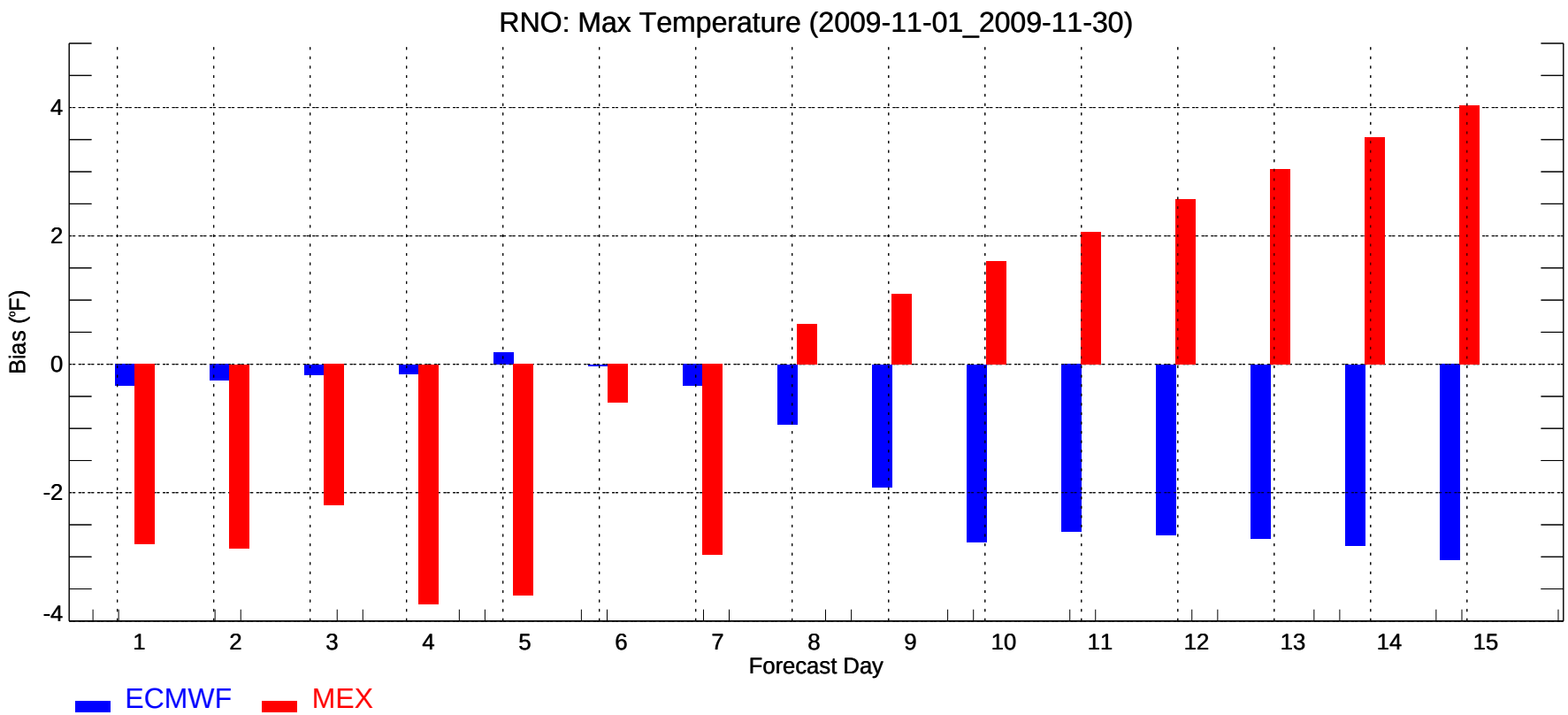
Forecast Day
ECMWF
MEX


RNO: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
1
2
3
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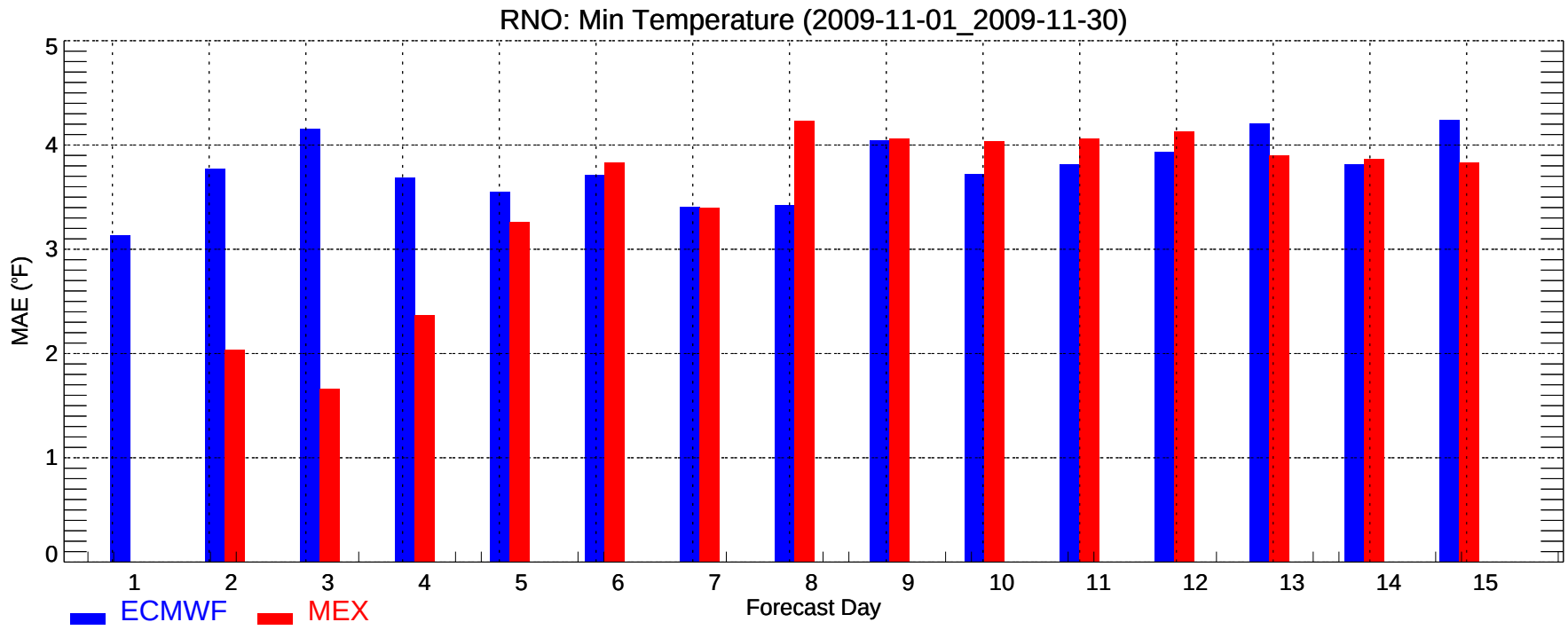
13
14
15
Forecast Day
ECMWF
MEX


RNO: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
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1
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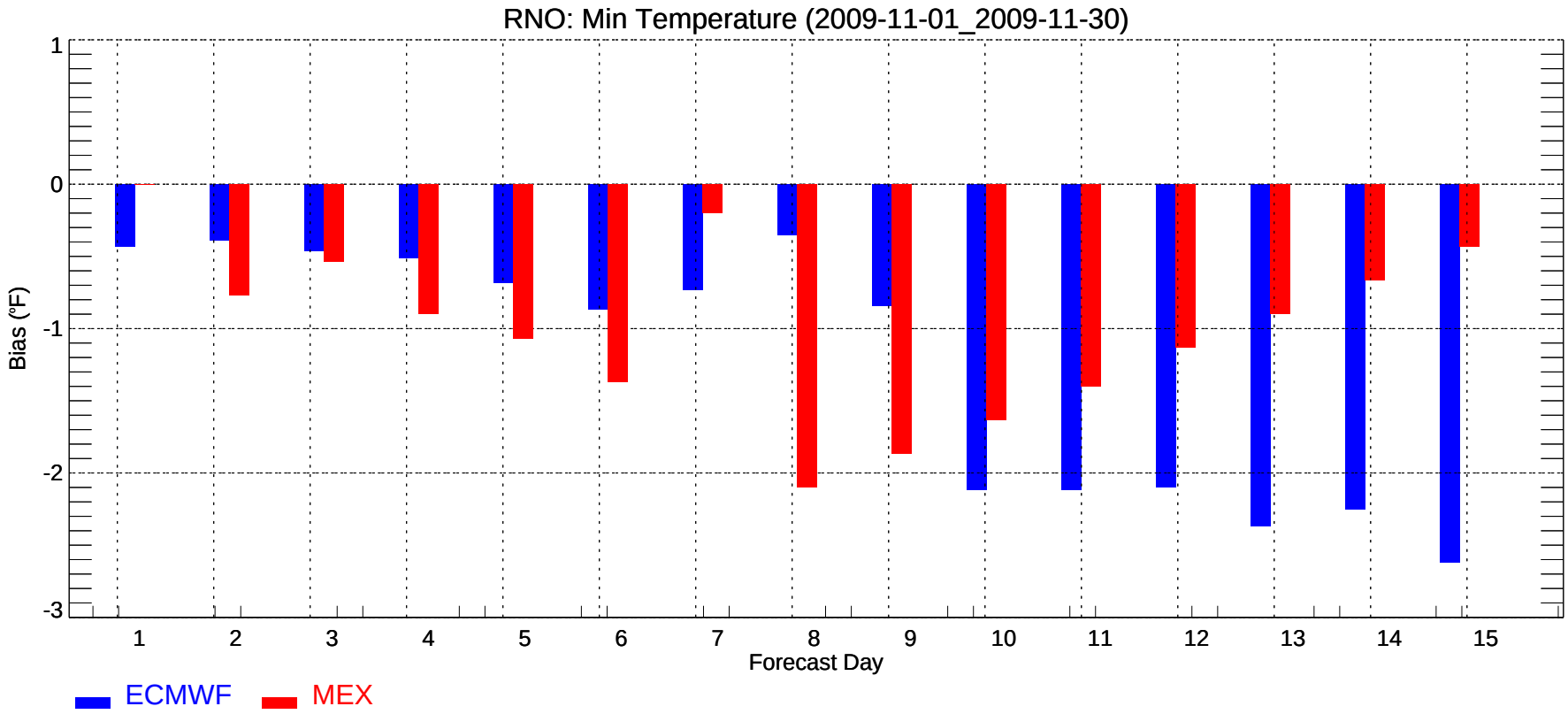
Forecast Day
ECMWF
MEX


RNO: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
1
2
3
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6
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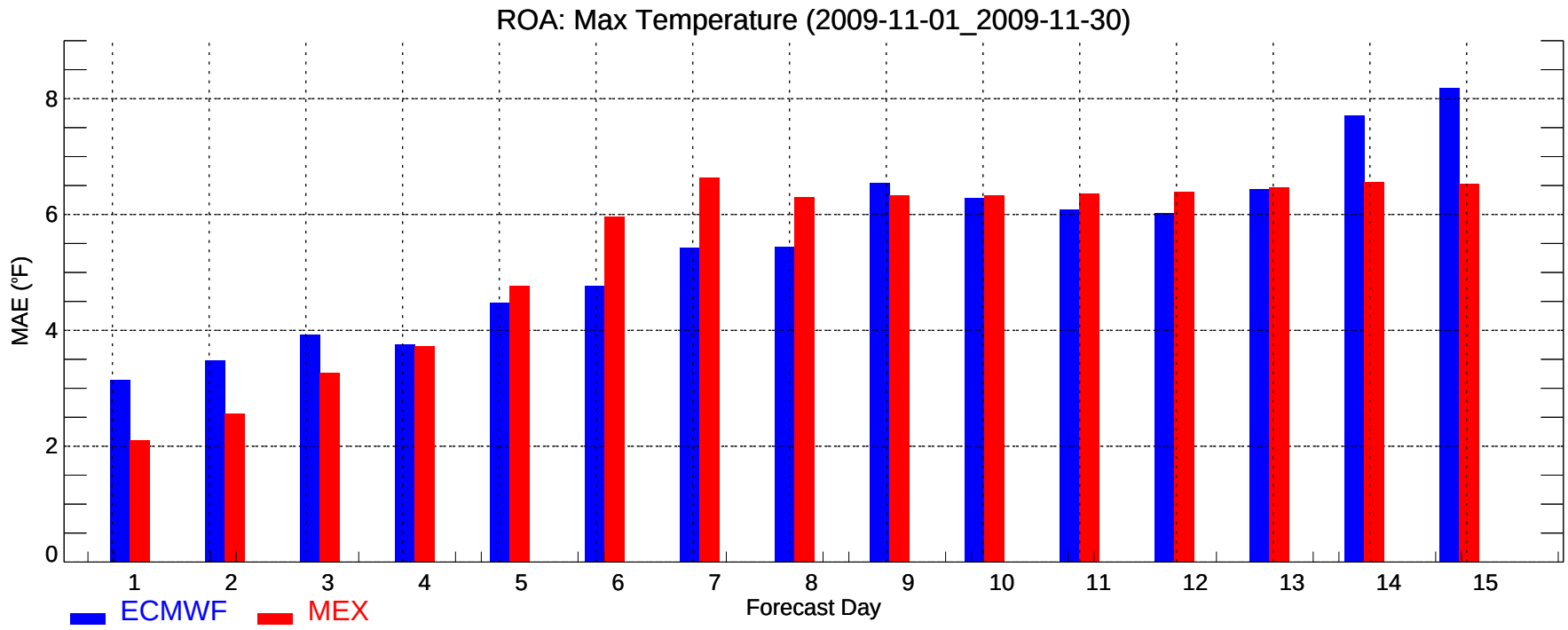
13
14
15
Forecast Day
ECMWF
MEX


ROA: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
7
8
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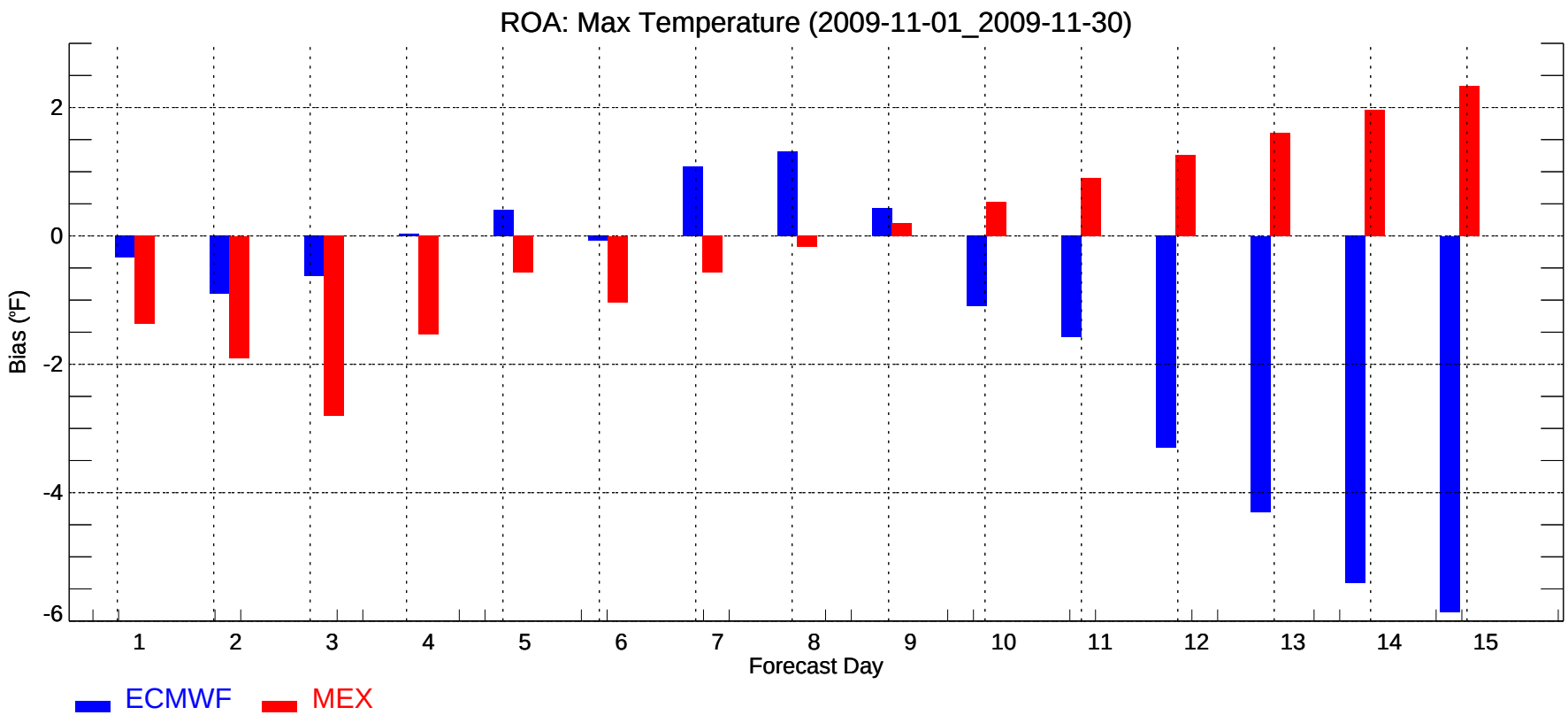
11
12
13
14
15
Forecast Day
ECMWF
MEX


ROA: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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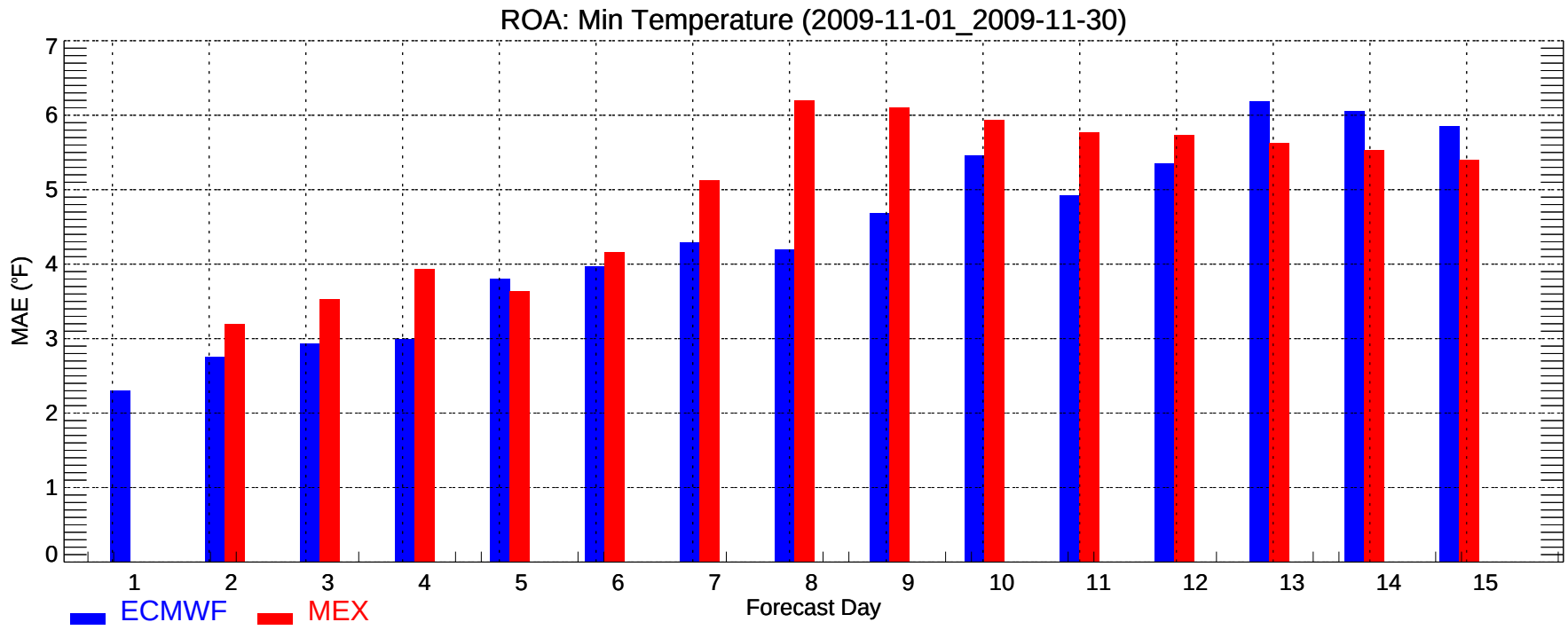
12
13
14
15
Forecast Day
ECMWF
MEX


ROA: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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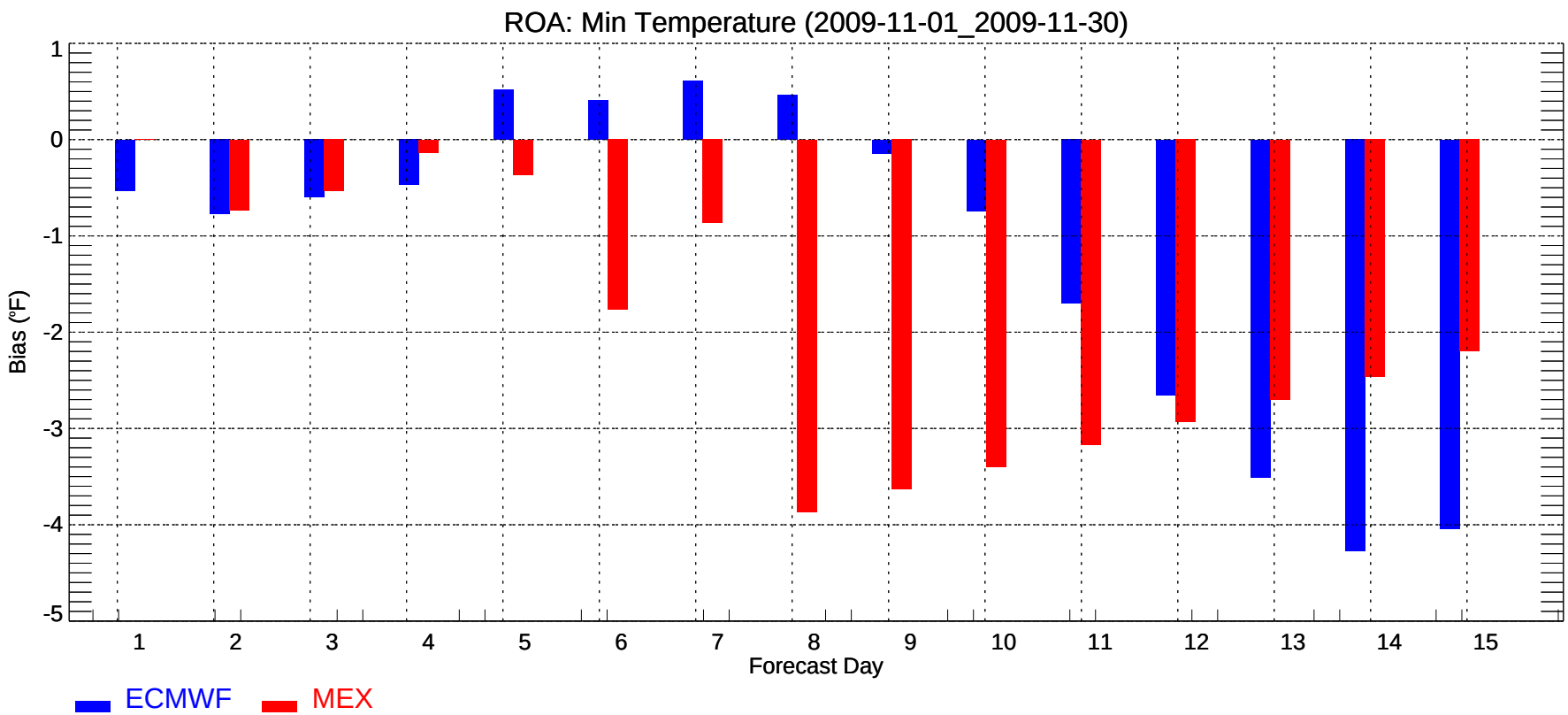
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ROA: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
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10
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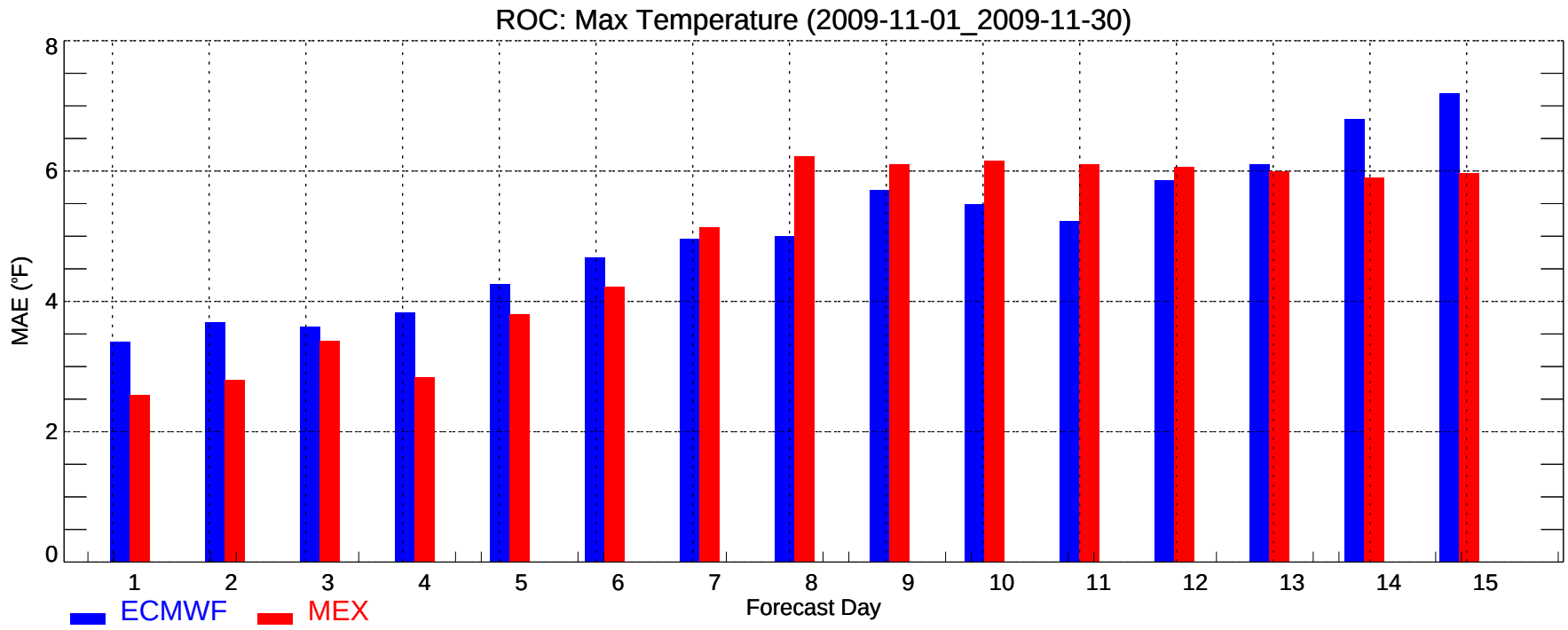
14
15
Forecast Day
ECMWF
MEX


ROC: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
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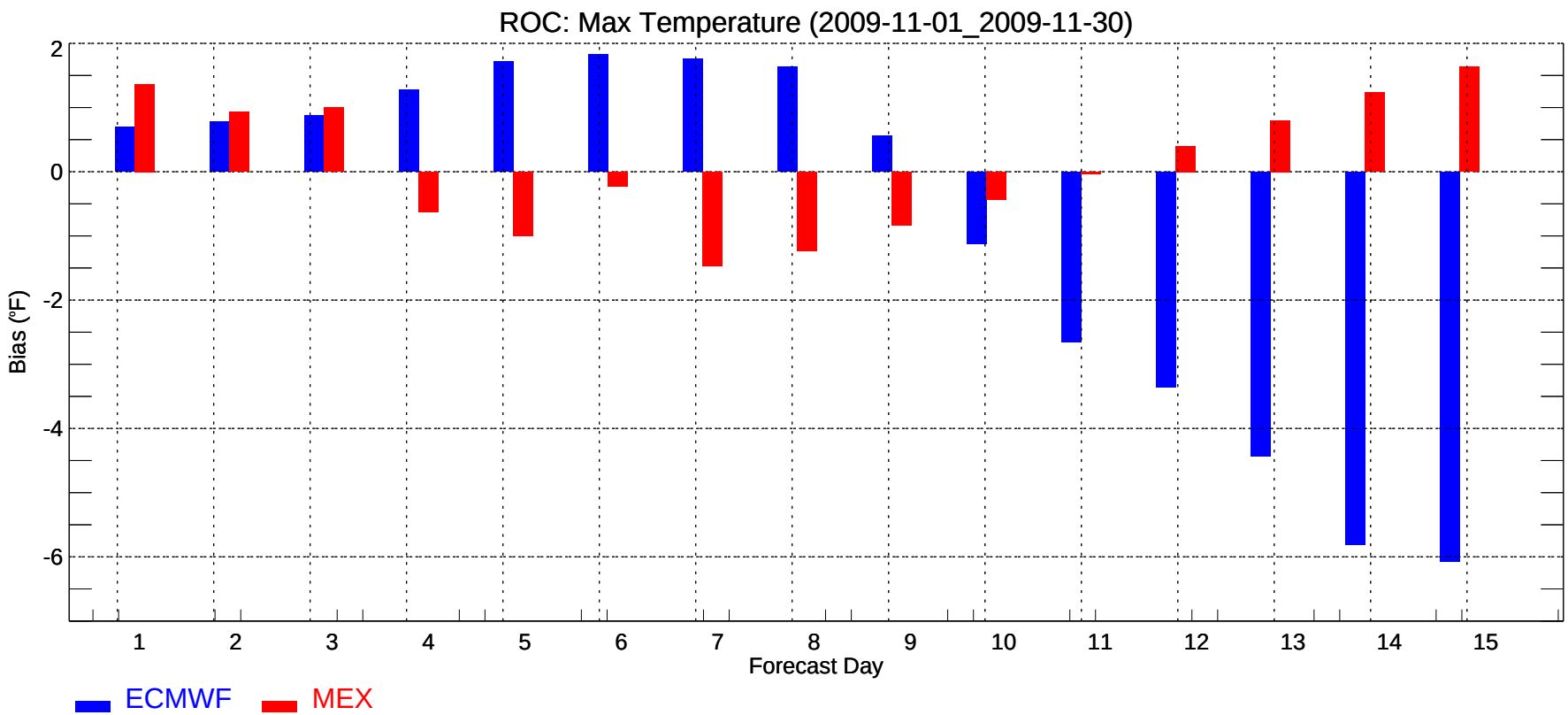
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ROC: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
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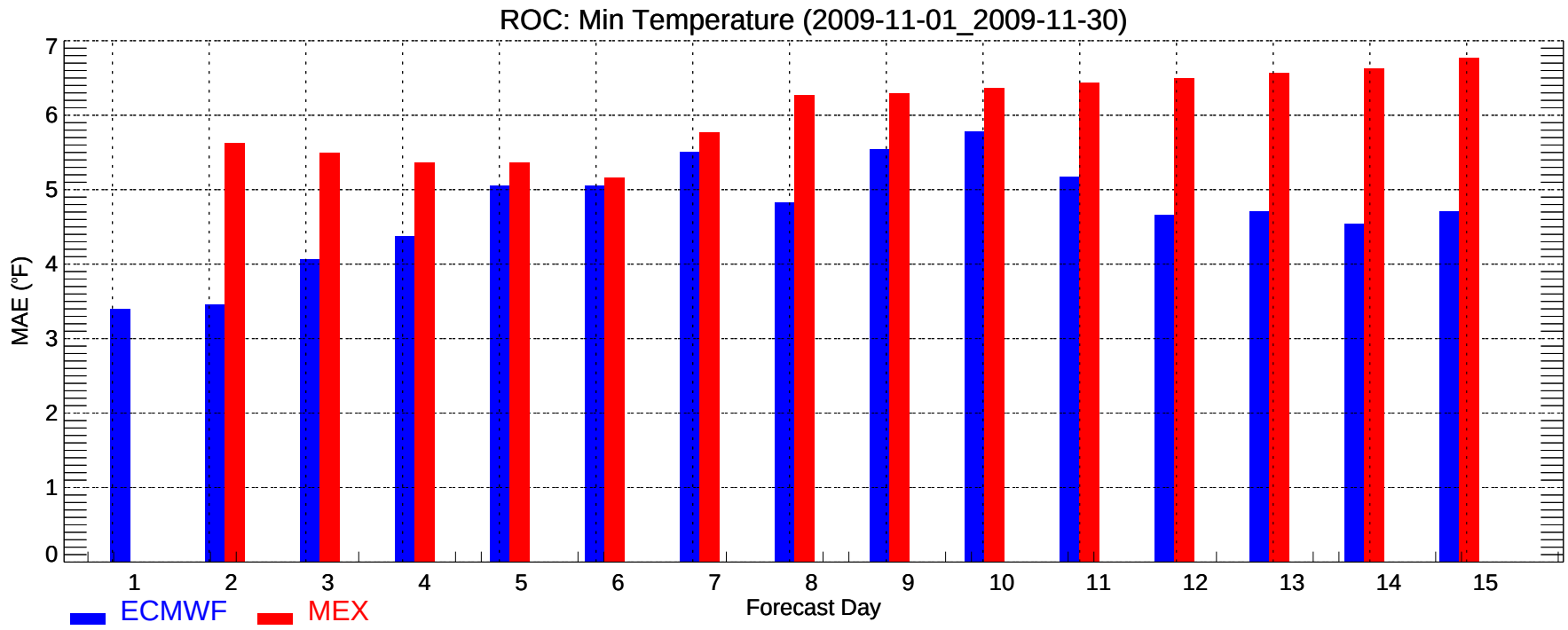
13
14
15
Forecast Day
ECMWF
MEX


ROC: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
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5
6
7
1
2
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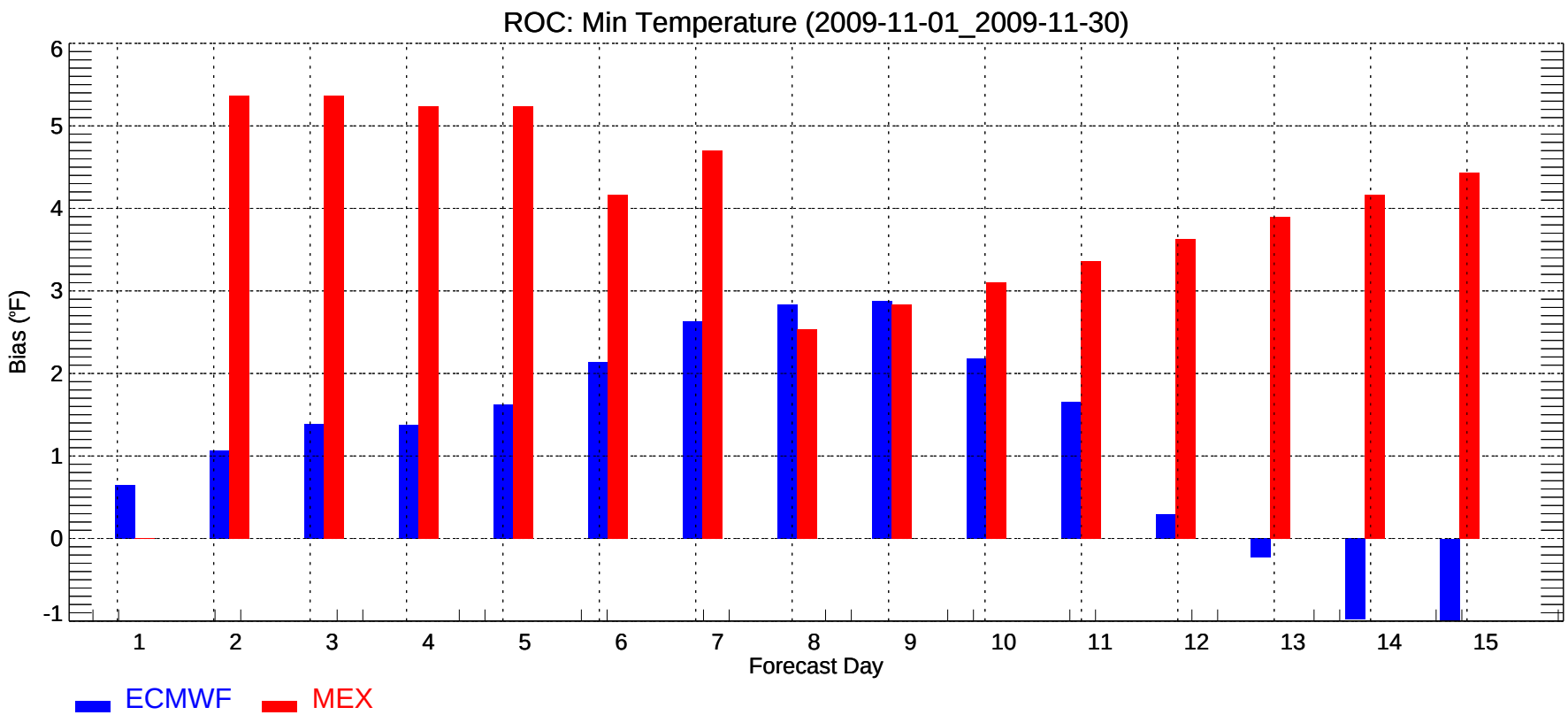
Forecast Day
ECMWF
MEX


ROC: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
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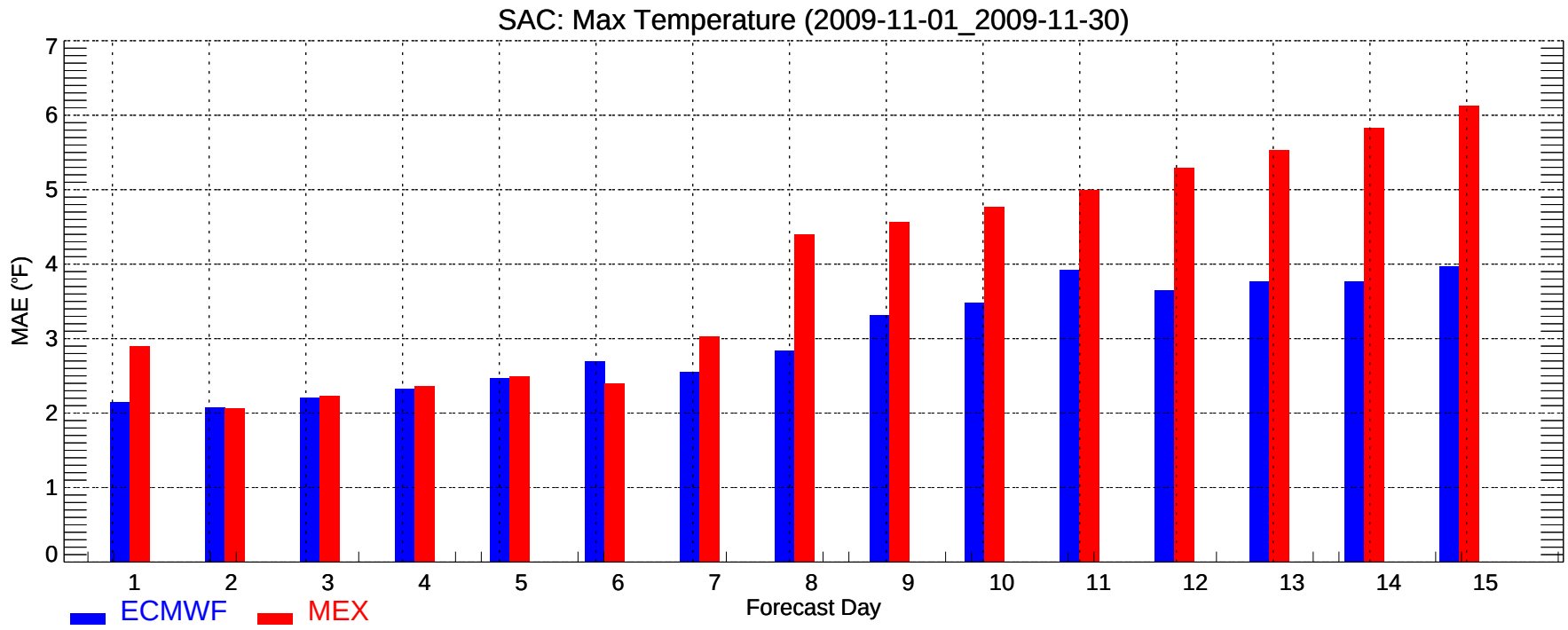
Forecast Day
ECMWF
MEX


SAC: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
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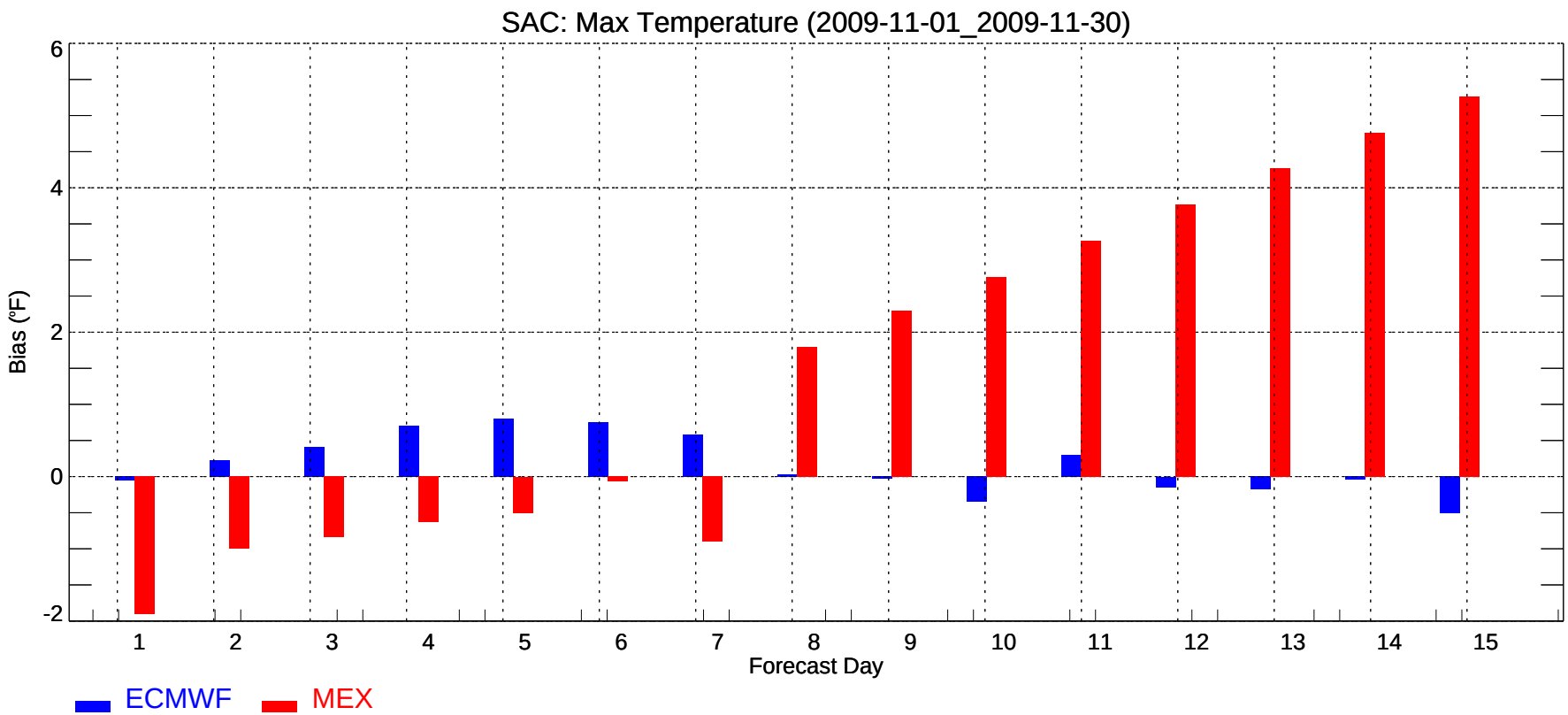
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAC: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
0
2
4
6
1
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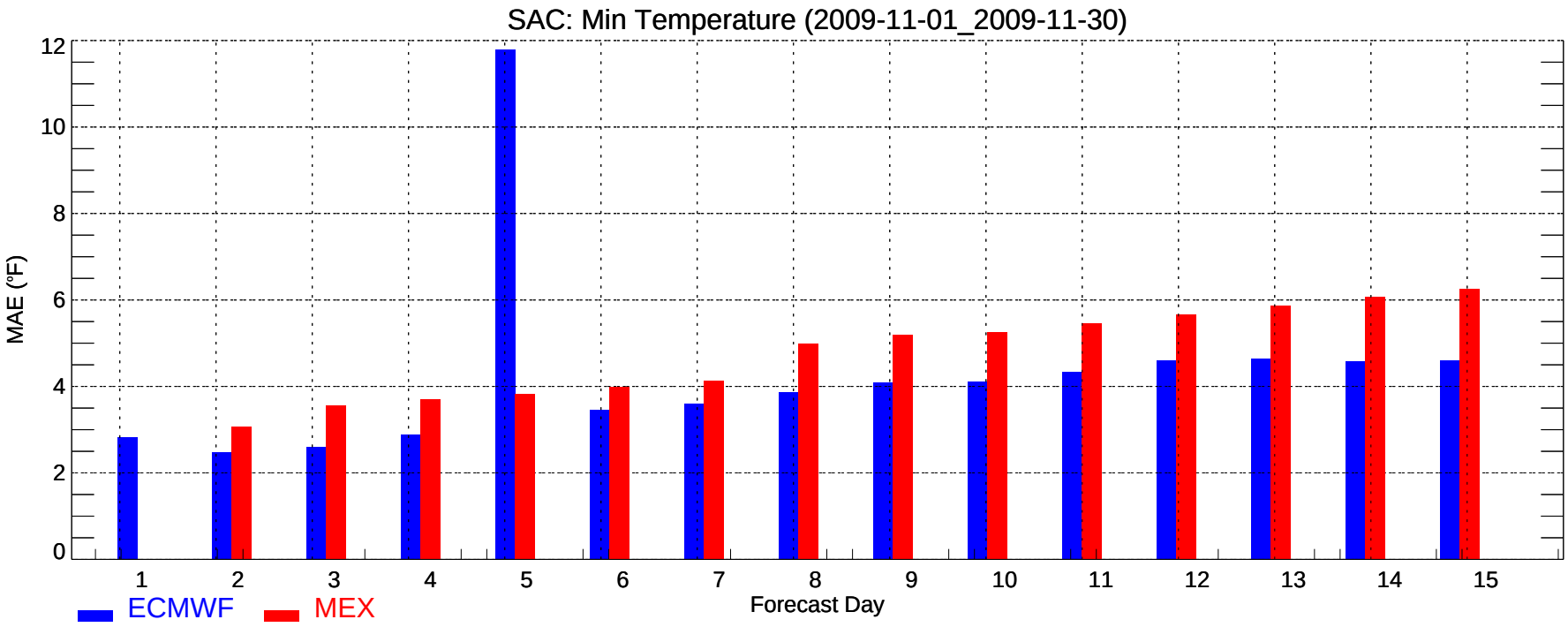
14
15
Forecast Day
ECMWF
MEX


SAC: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
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4
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10
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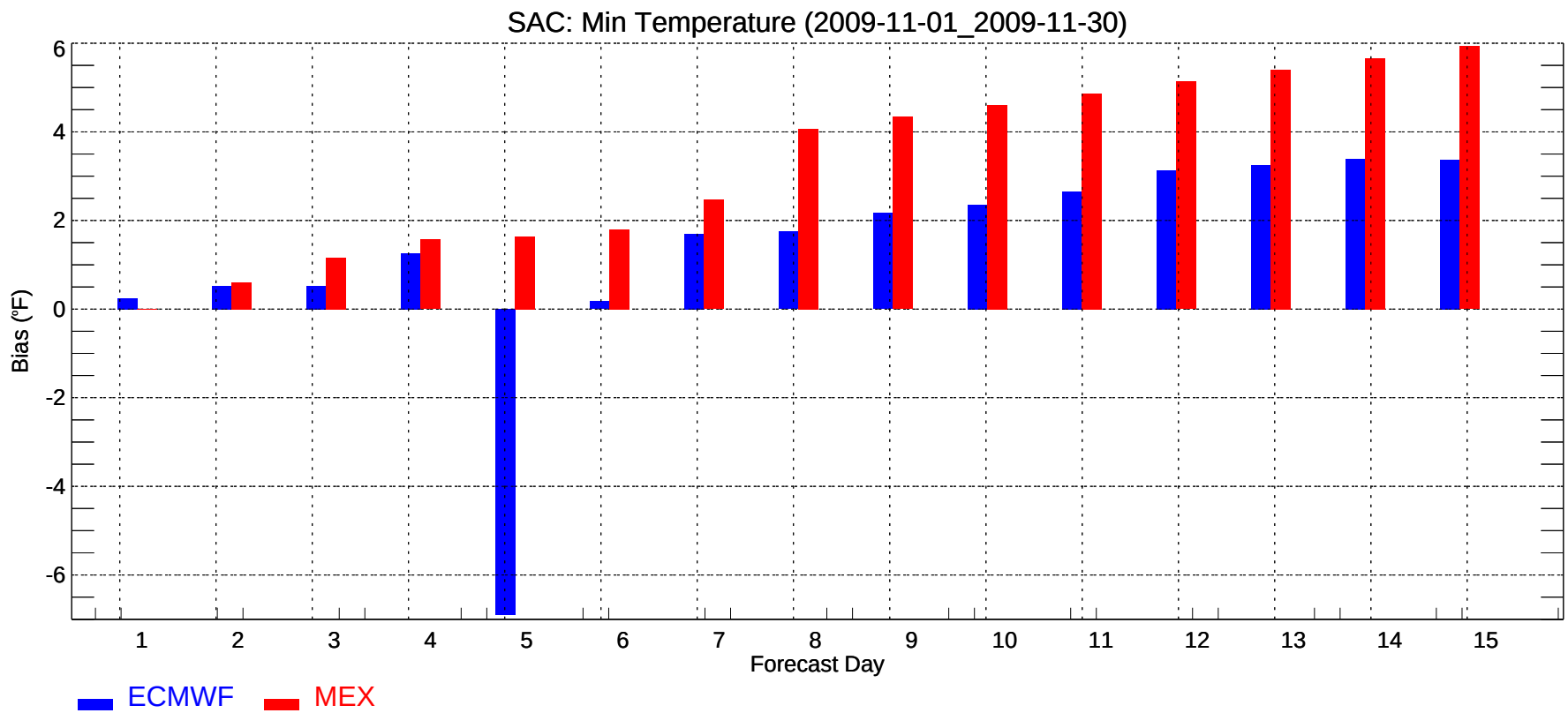
13
14
15
Forecast Day
ECMWF
MEX


SAC: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
6
4
2
0
-2
-4
-6
1
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9
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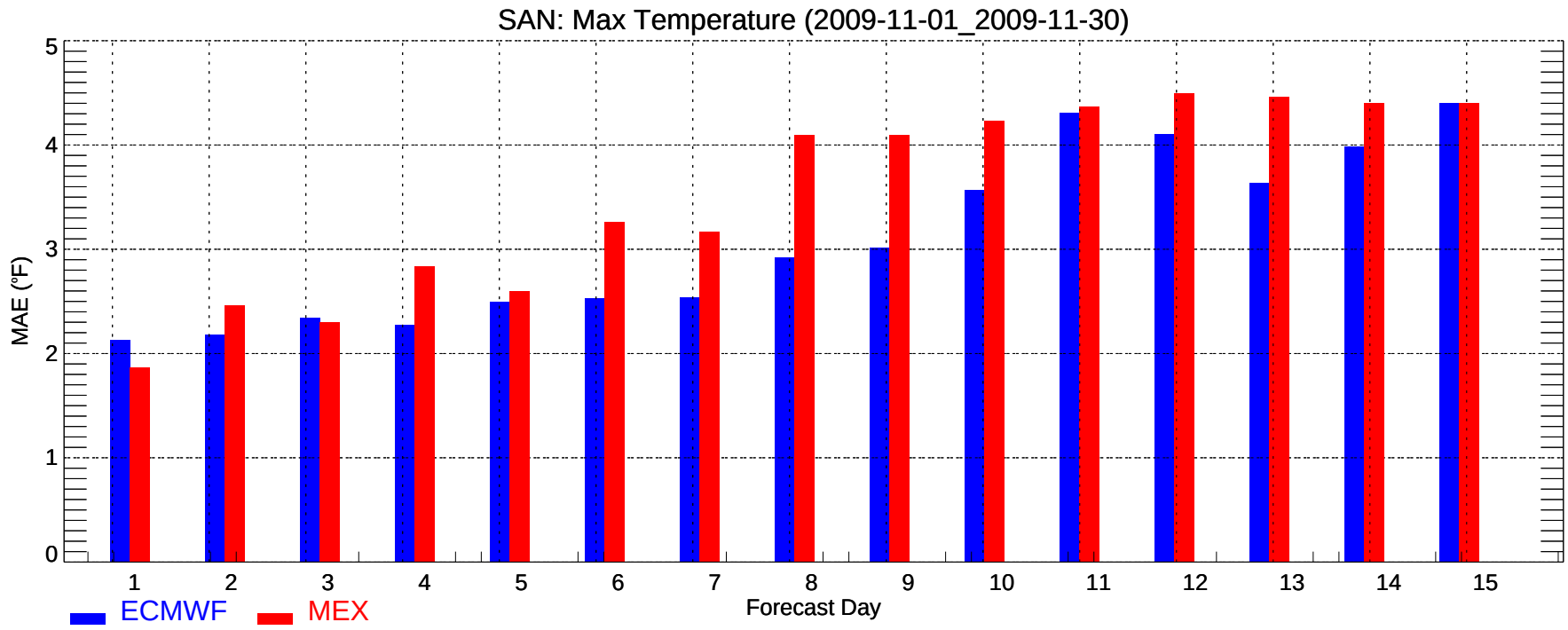
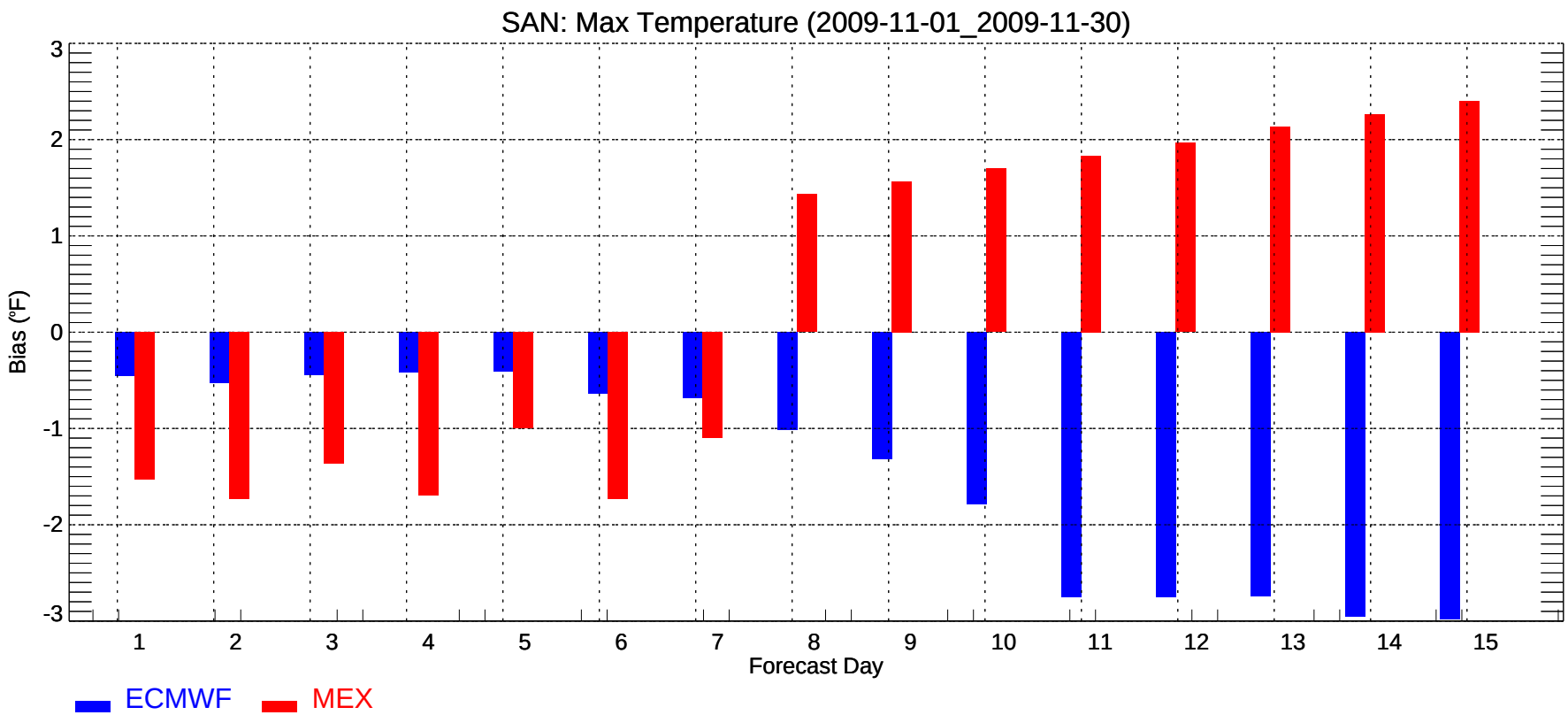
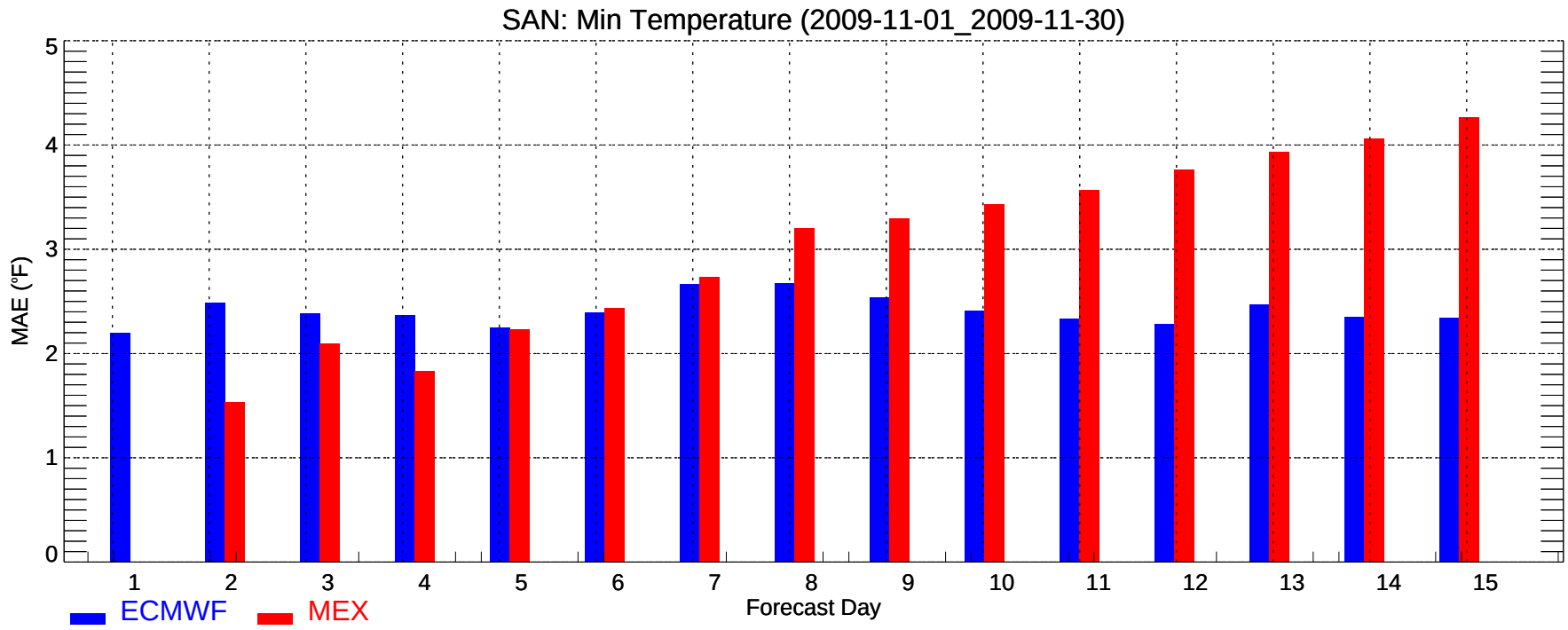
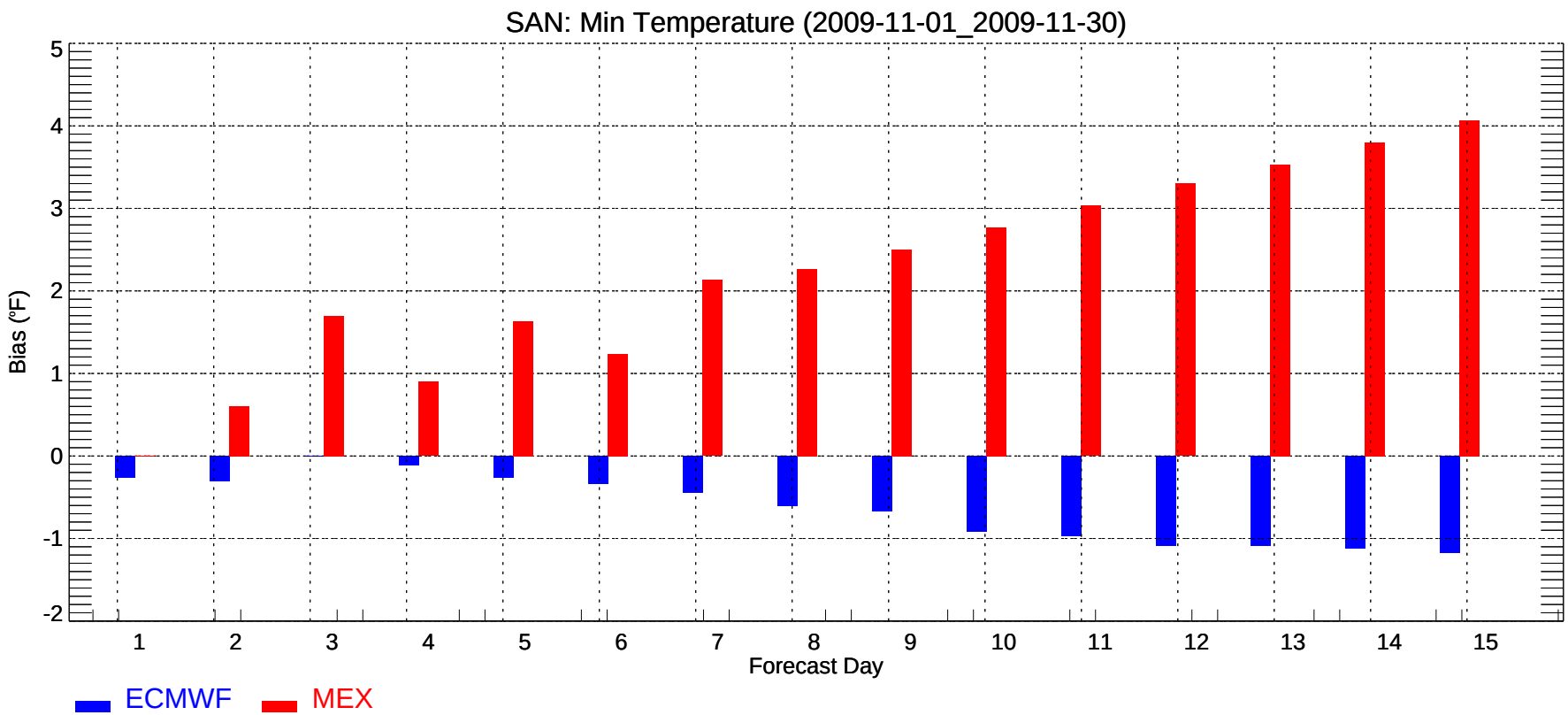
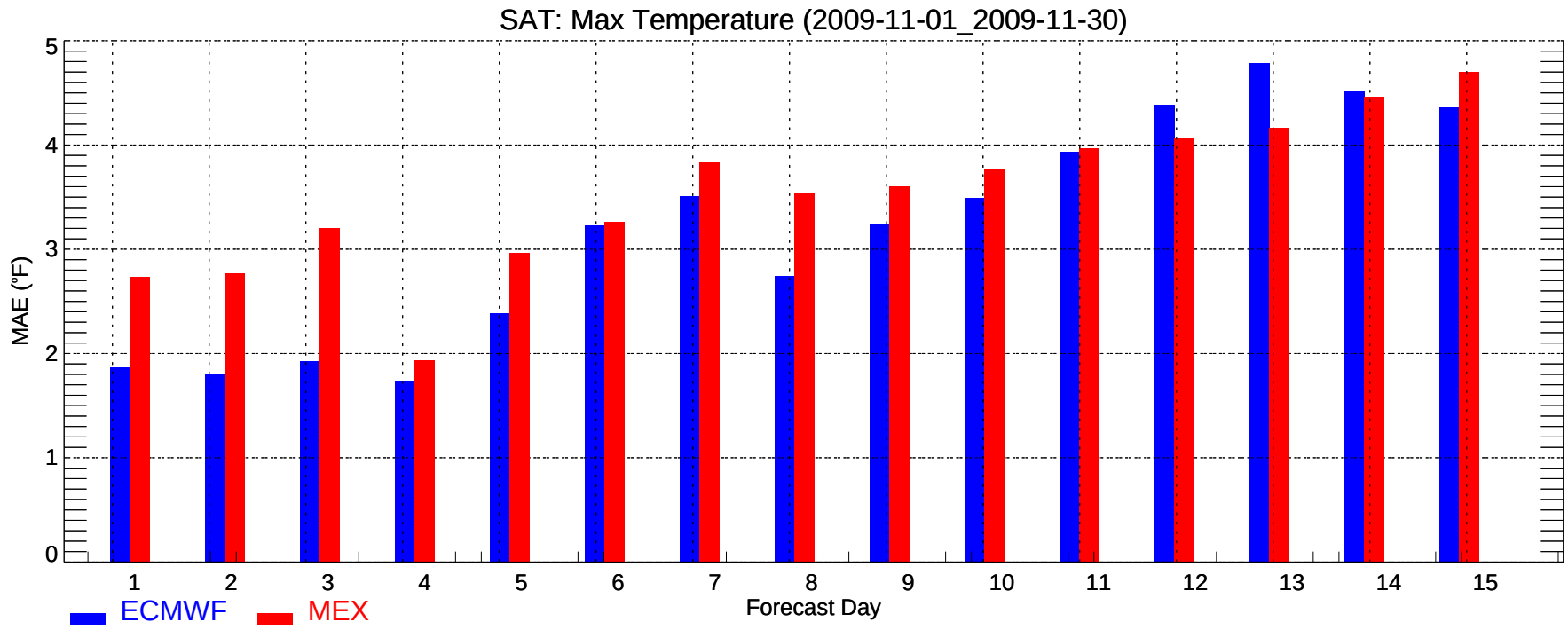
14
15
Forecast Day
ECMWF
MEX

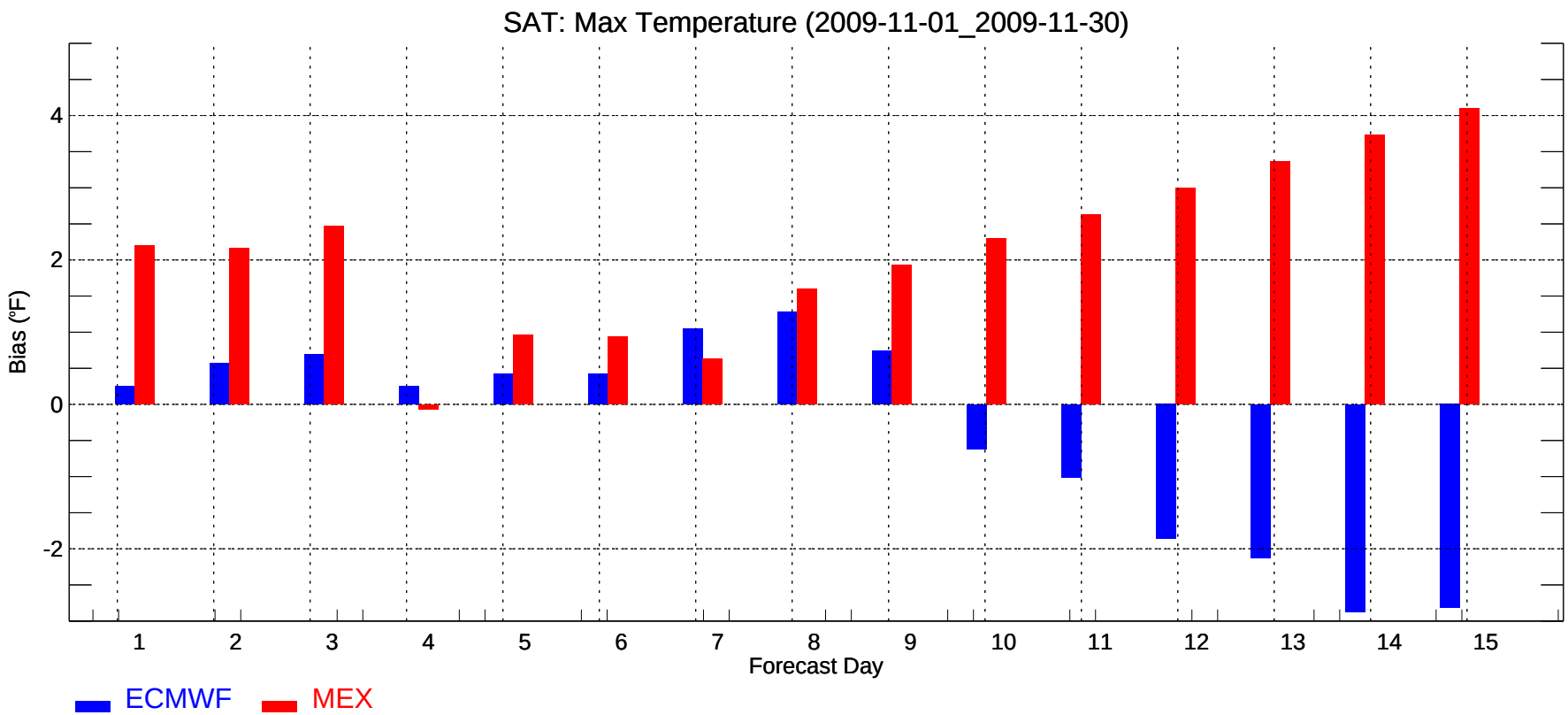

SAN: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAN: Max Temperature (2009-11-01_2009-11-30)
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


SAN: Min Temperature (2009-11-01_2009-11-30)
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


SAN: Min Temperature (2009-11-01_2009-11-30)
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


SAT: Max Temperature (2009-11-01_2009-11-30)
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


SAT: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
0
2
4
1
2
3
4
5
6
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8
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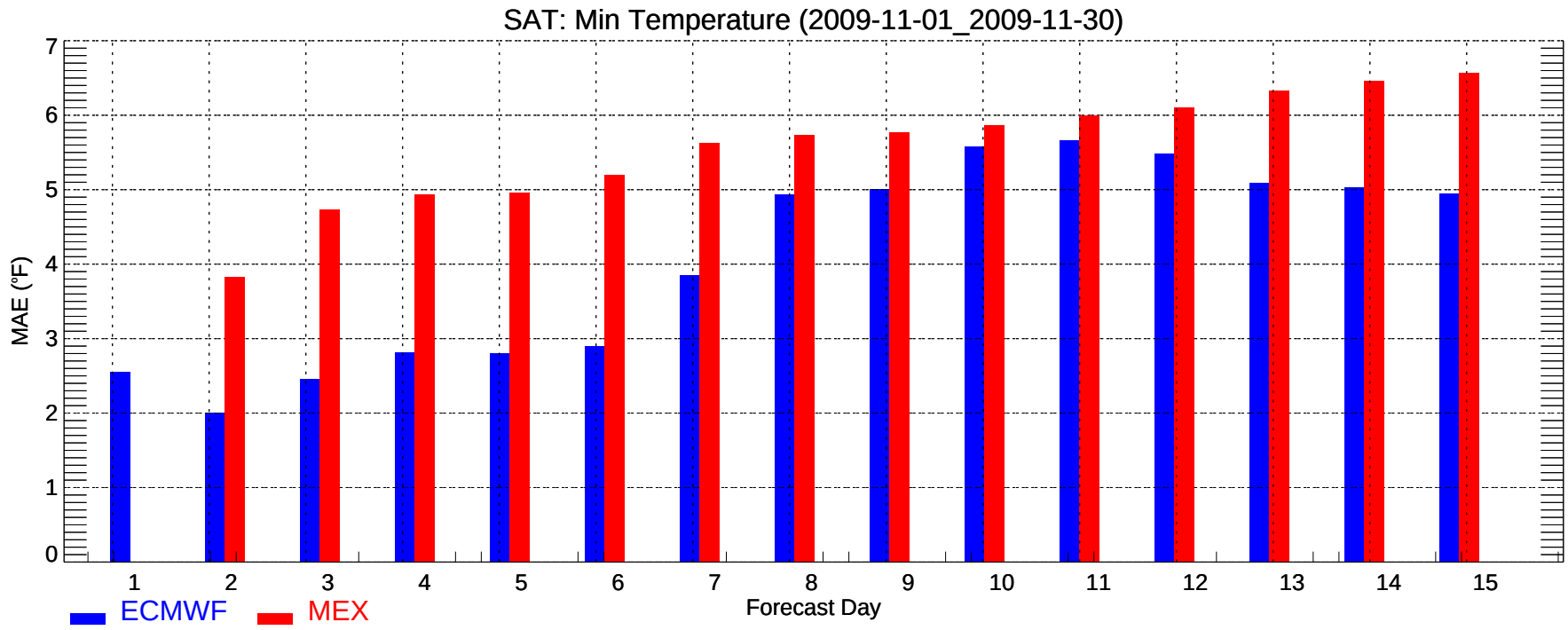
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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5
6
7
8
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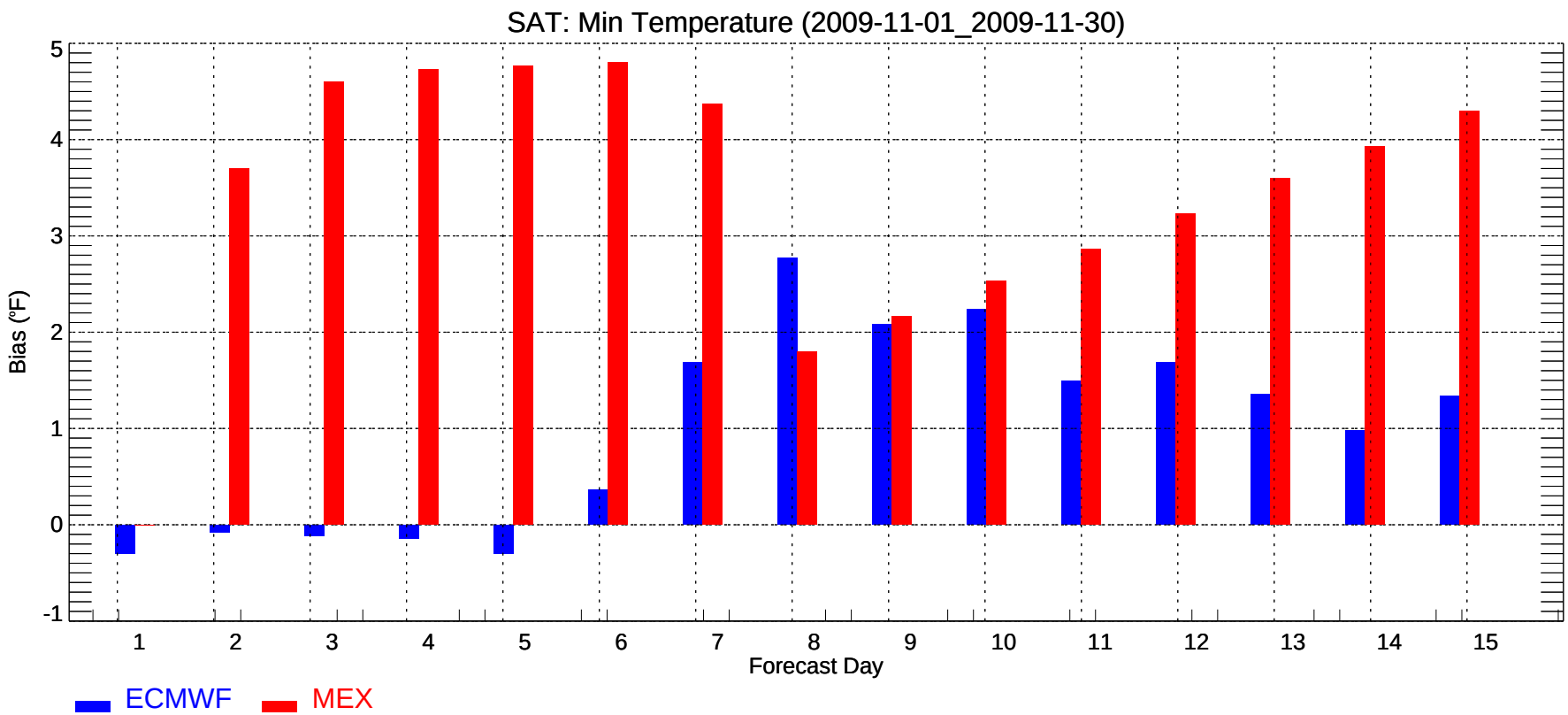
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
5
1
2
3
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5
6
7
8
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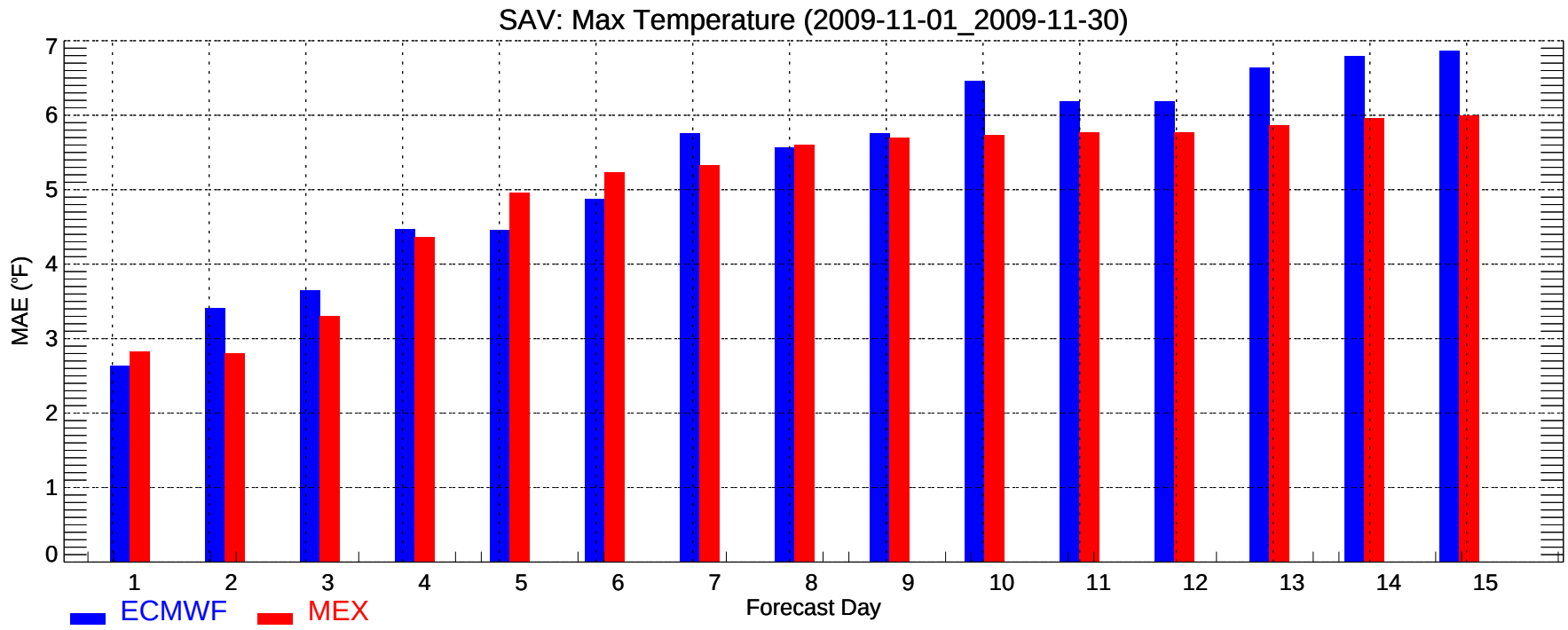
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAV: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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5
6
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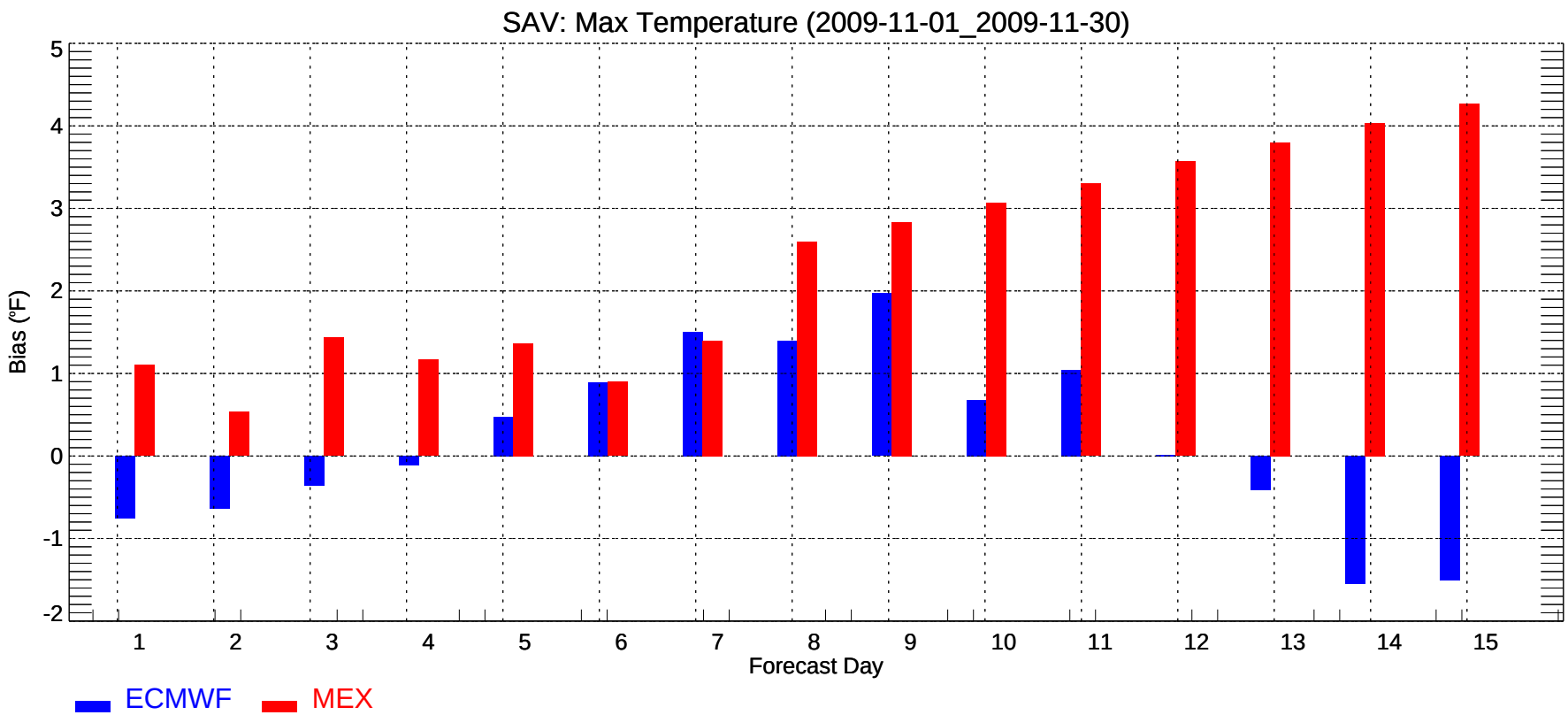
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAV: Max Temperature (2009-11-01_2009-11-30)
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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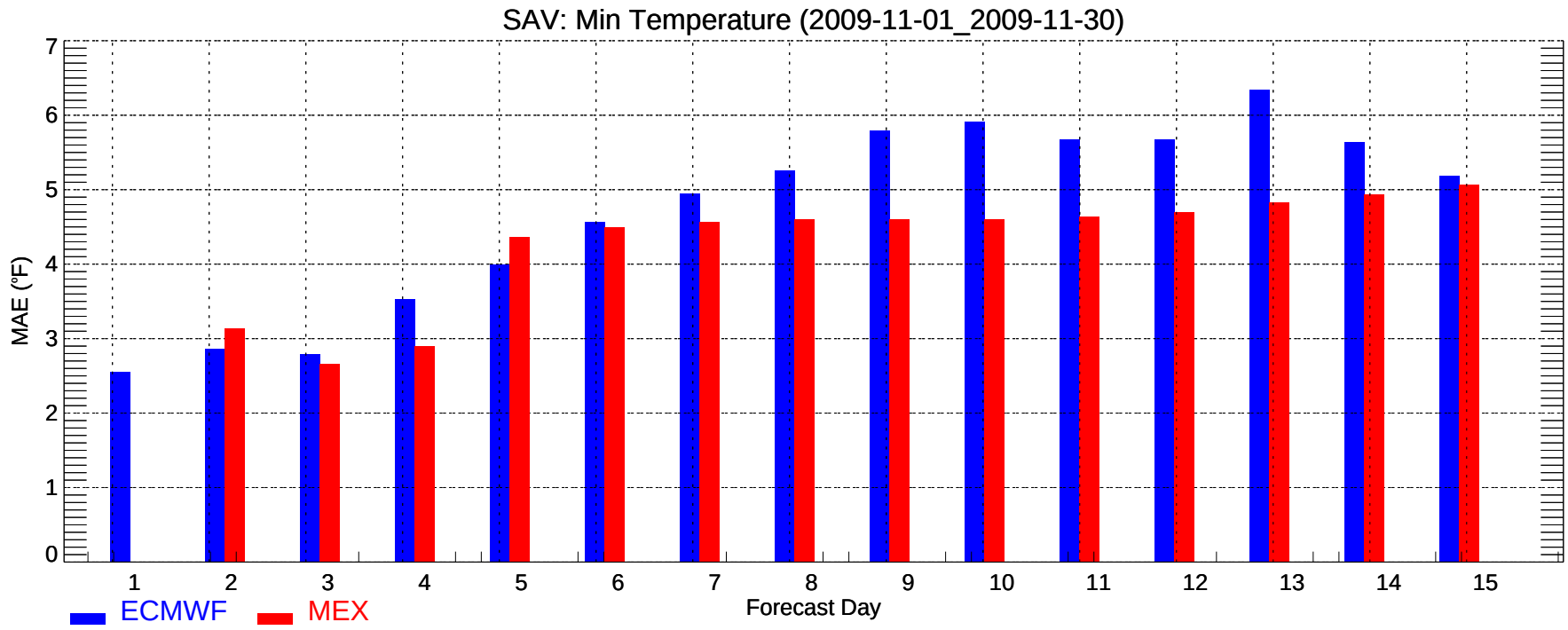
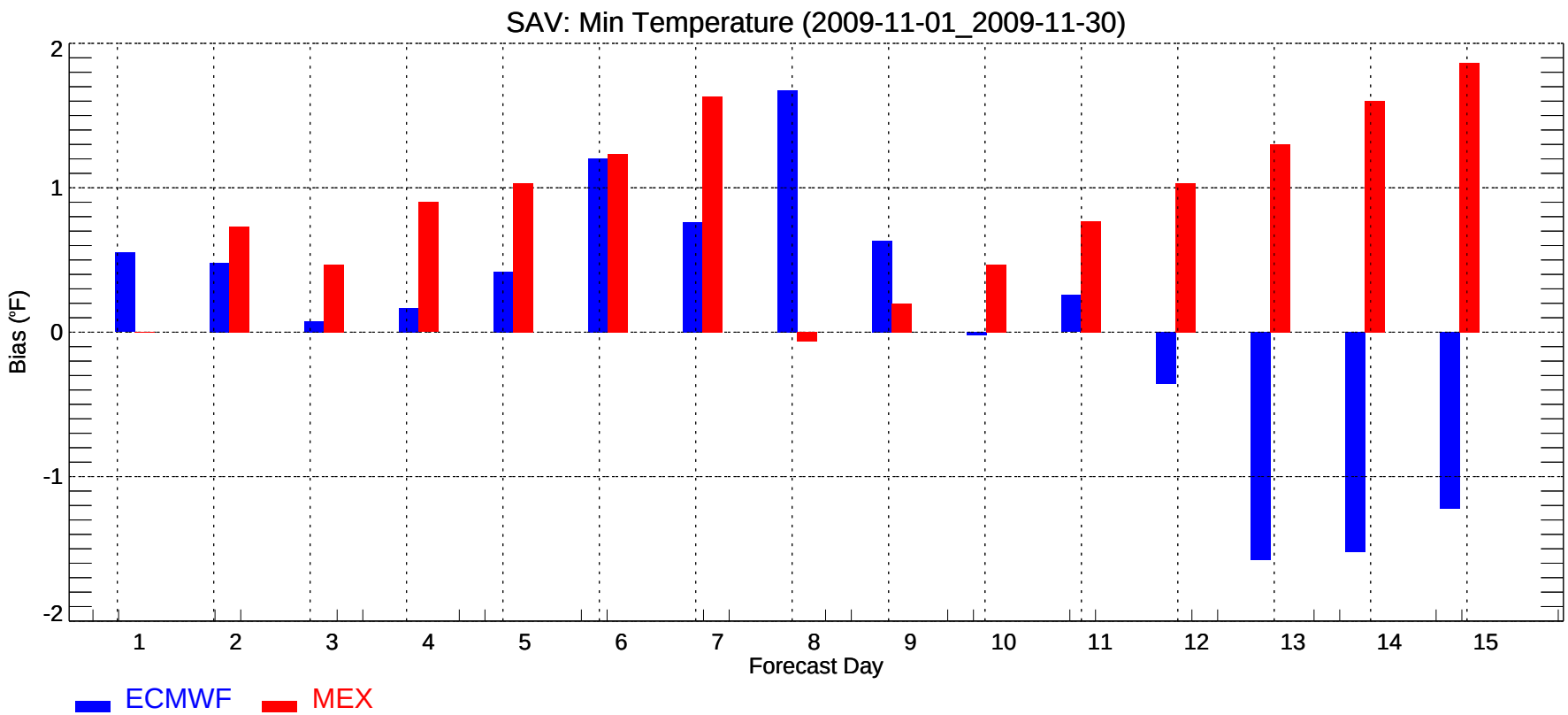
12
13
14
15
Forecast Day
ECMWF
MEX


SAV: Min Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
1
2
3
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5
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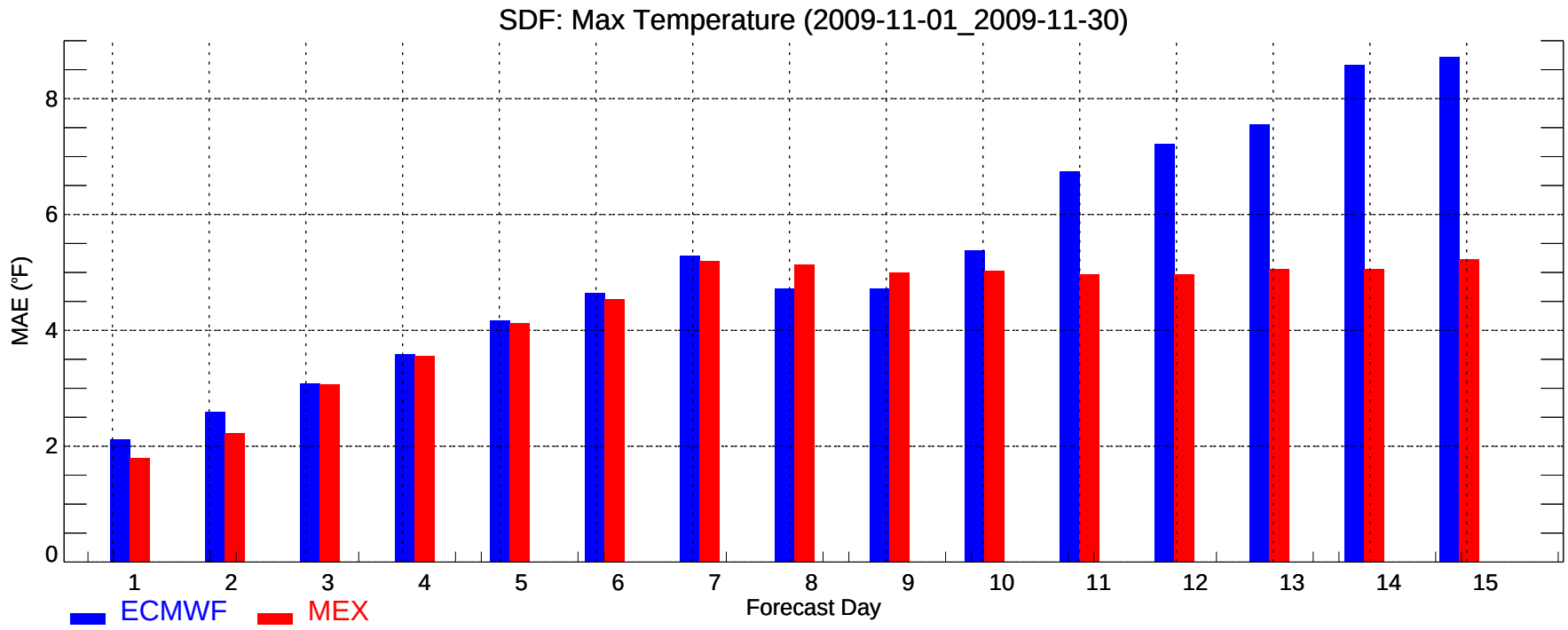
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SDF: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
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6
8
1
2
3
4
5
6
7
8
9
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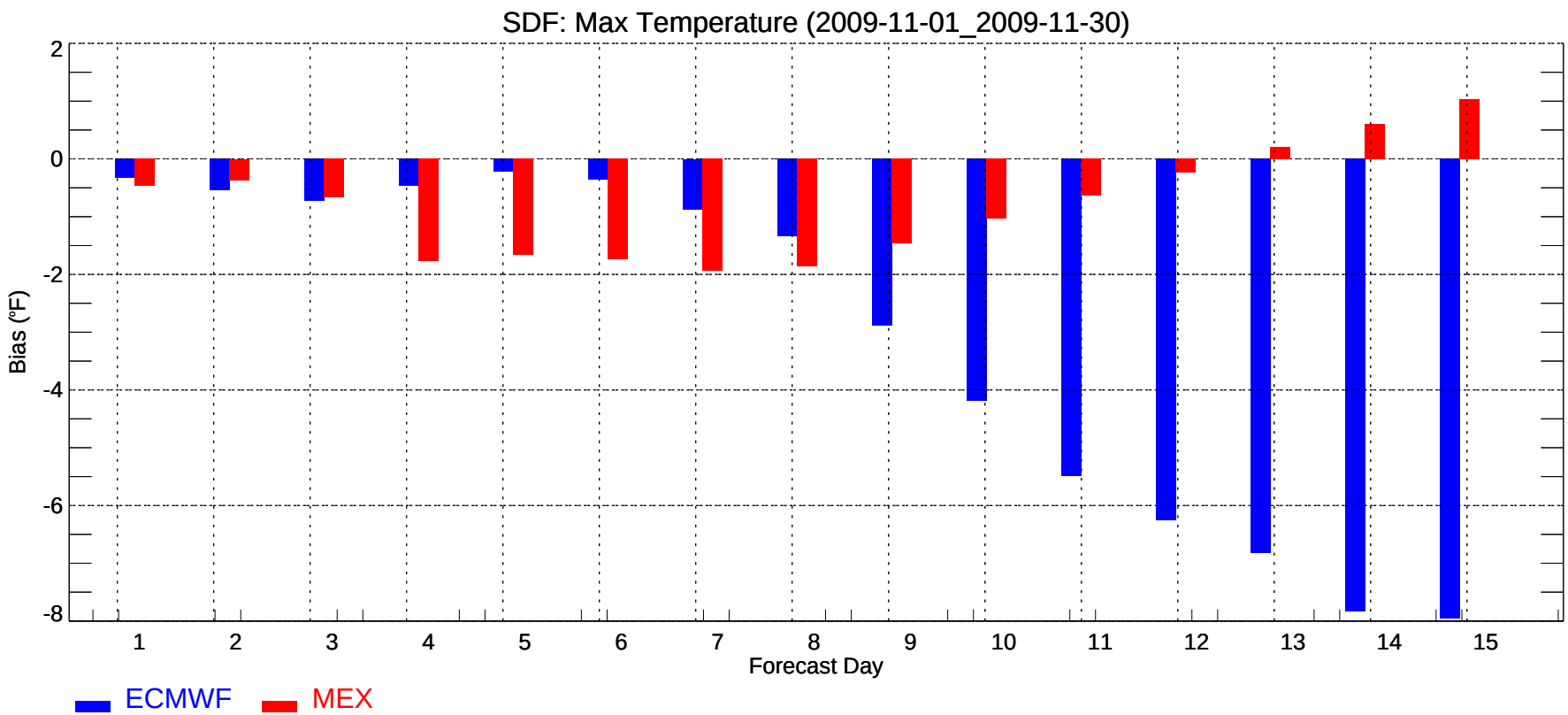
11
12
13
14
15
Forecast Day
ECMWF
MEX


SDF: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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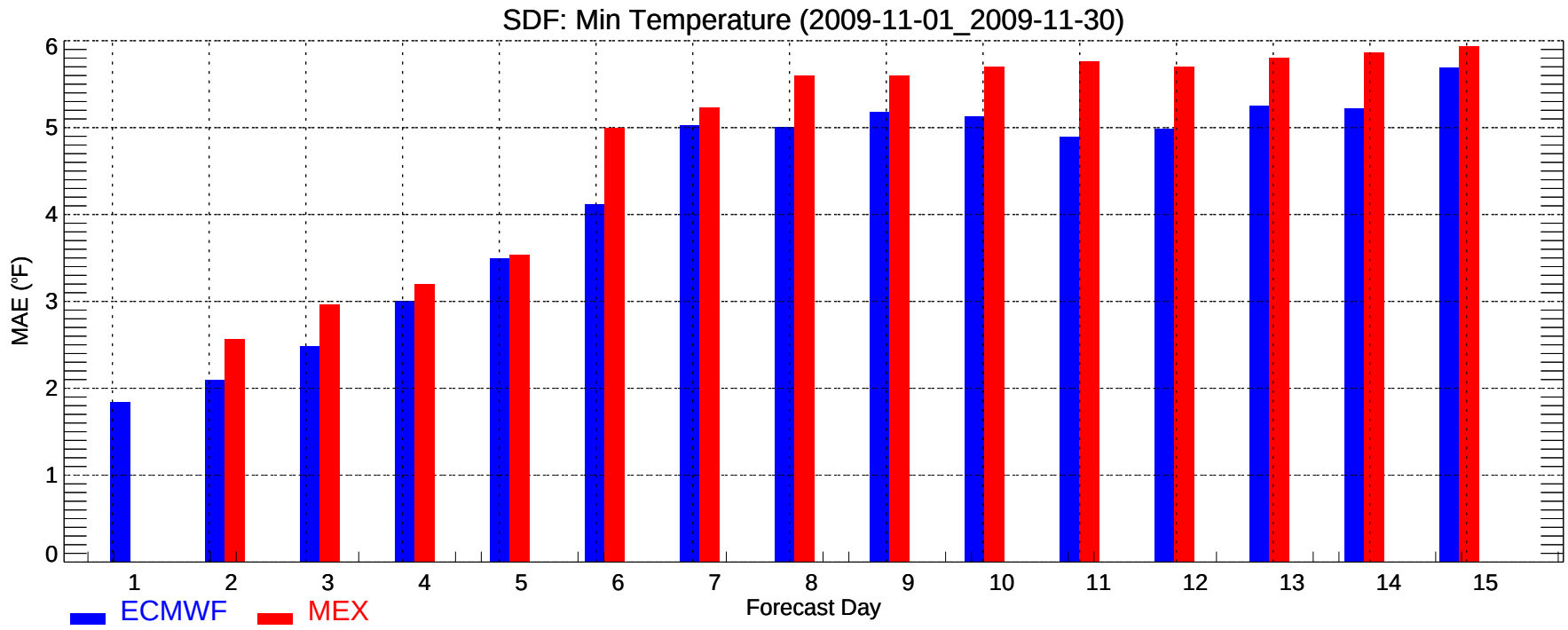
12
13
14
15
Forecast Day
ECMWF
MEX


SDF: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
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2
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13
14
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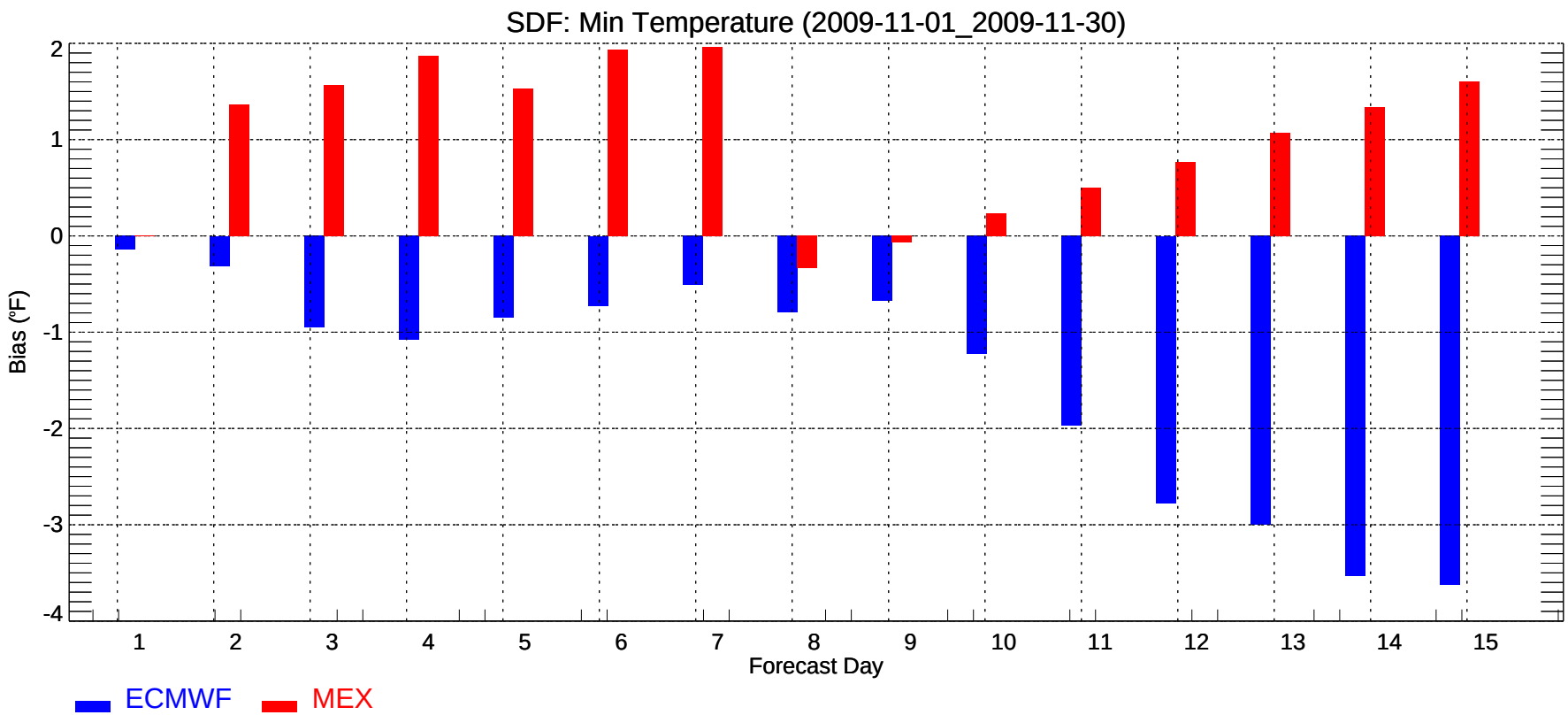
Forecast Day
ECMWF
MEX


SDF: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
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5
6
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8
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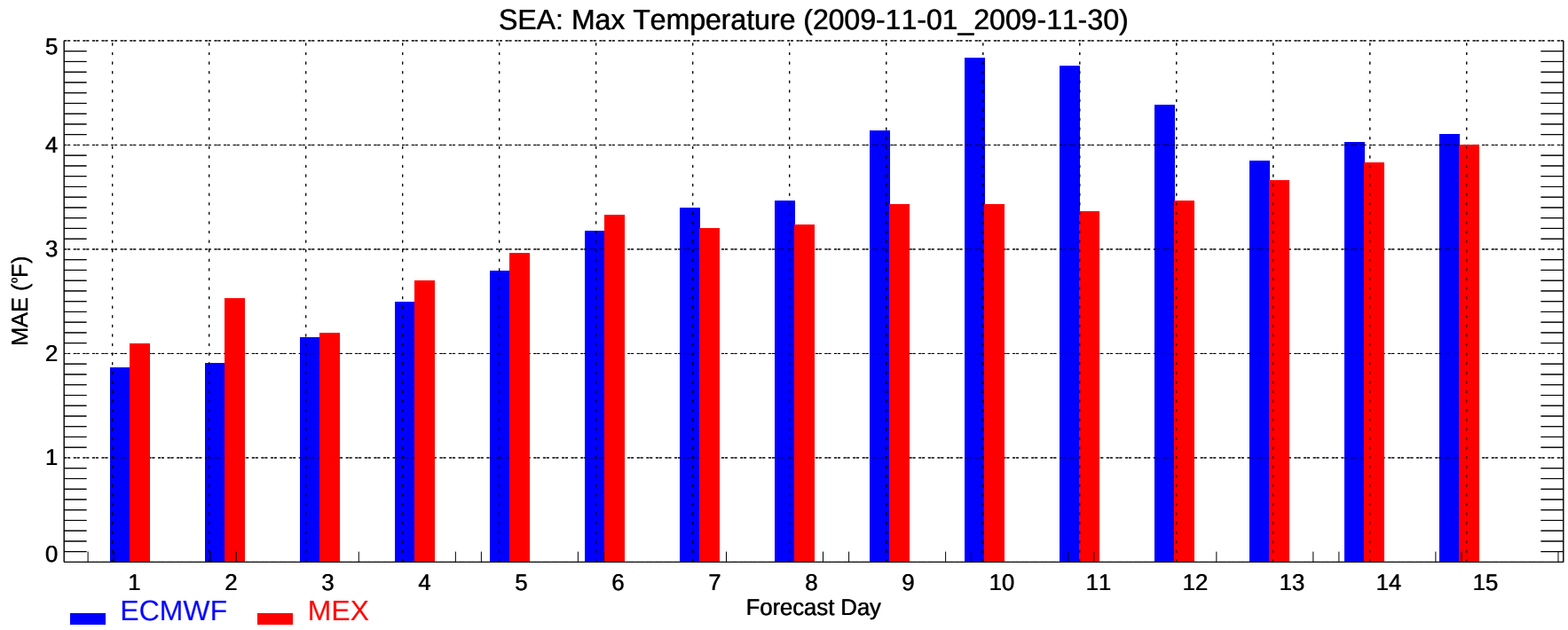
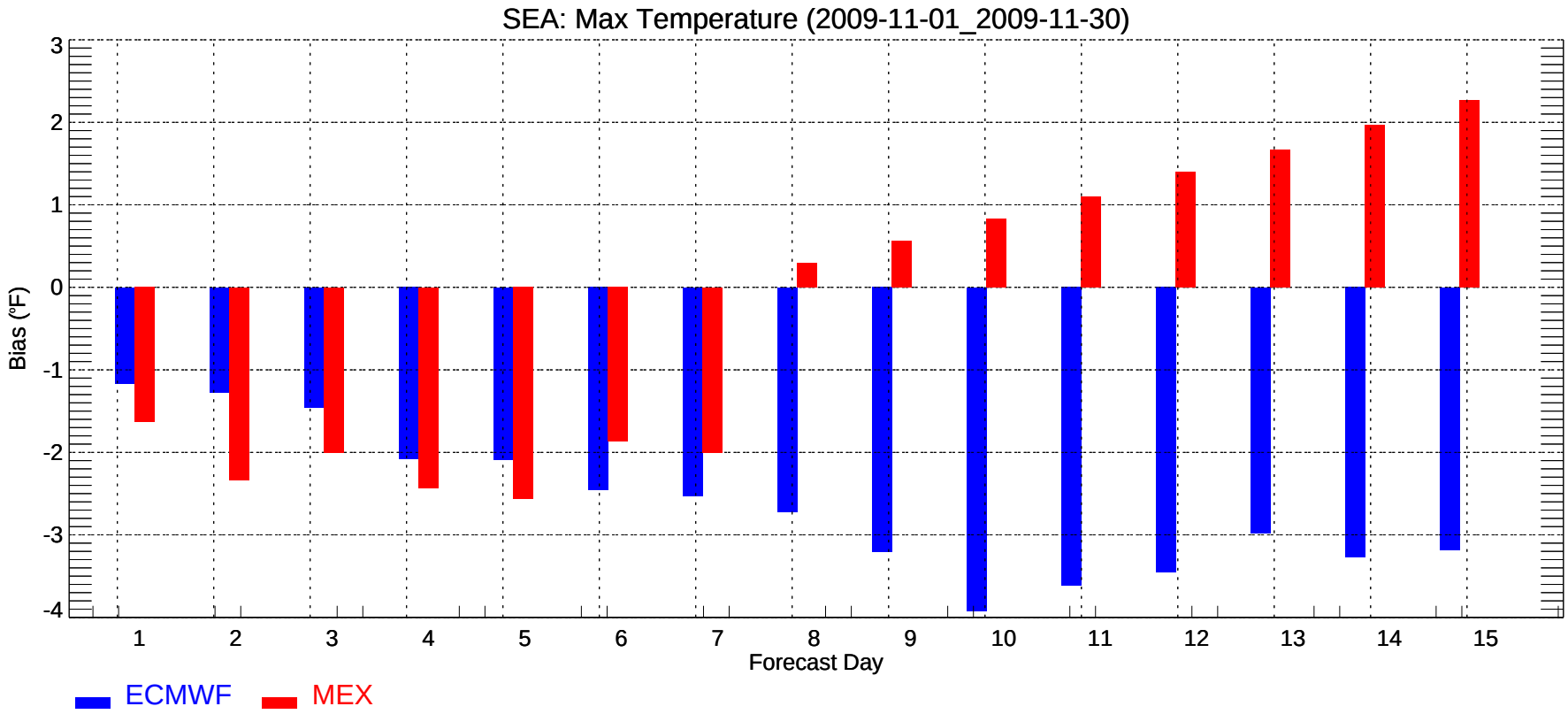
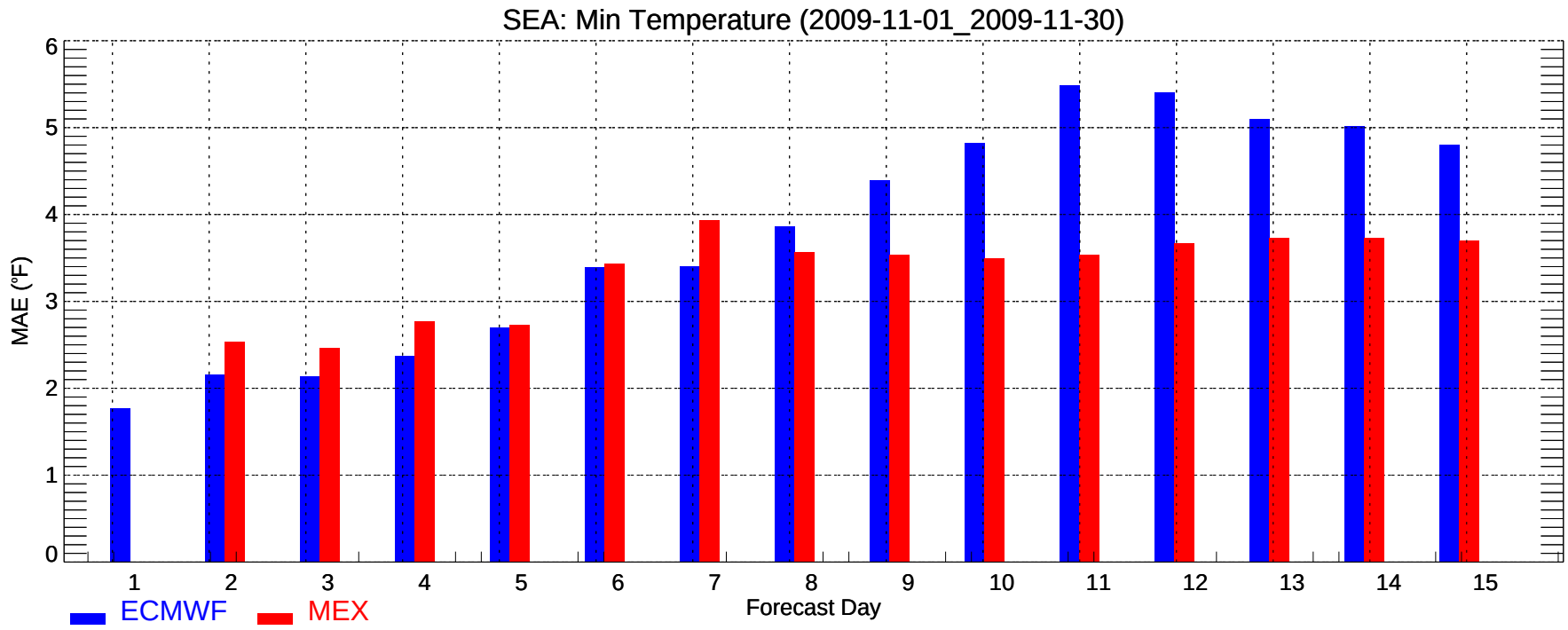
12
13
14
15
Forecast Day
ECMWF
MEX


SEA: Max Temperature (2009-11-01_2009-11-30)
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


SEA: Max Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
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6
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8
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13
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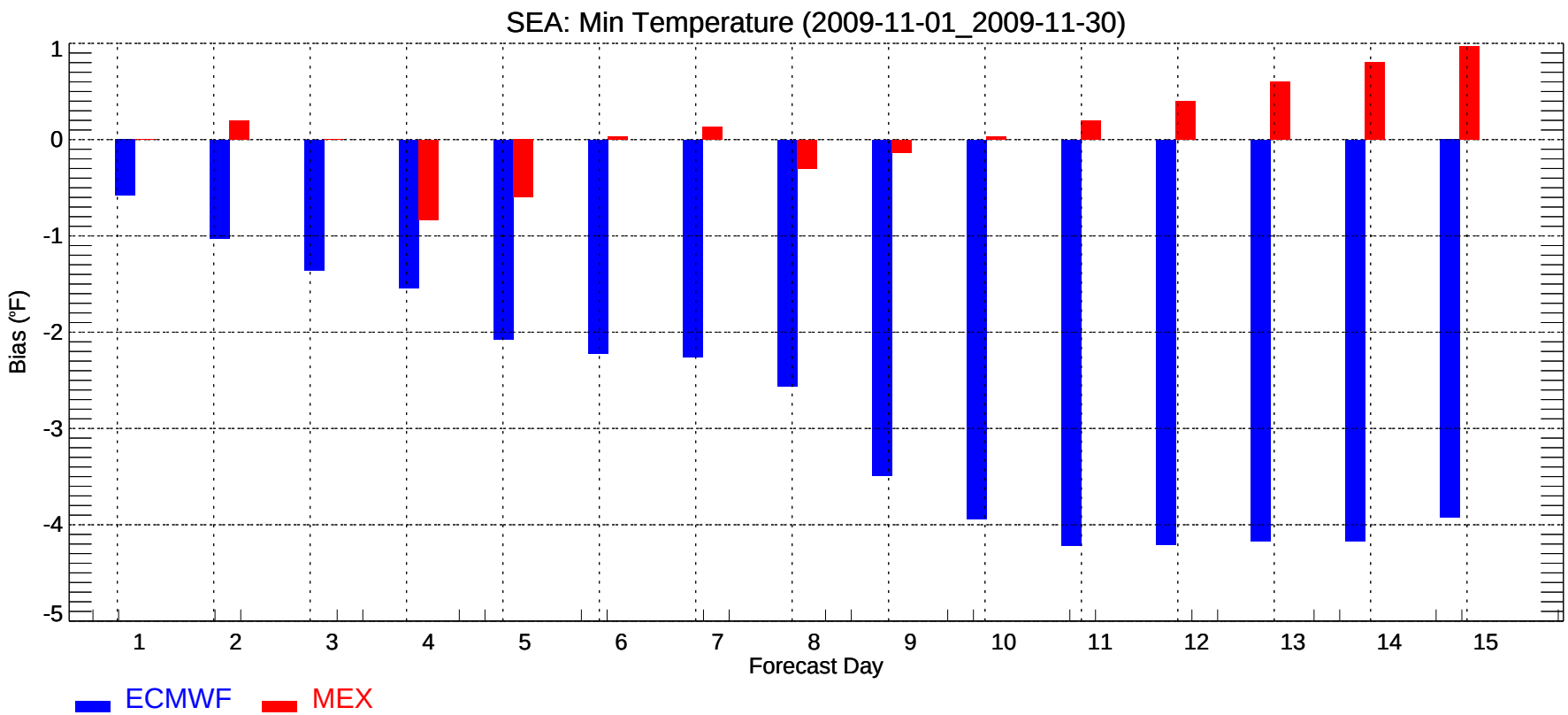
Forecast Day
ECMWF
MEX


SEA: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
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10
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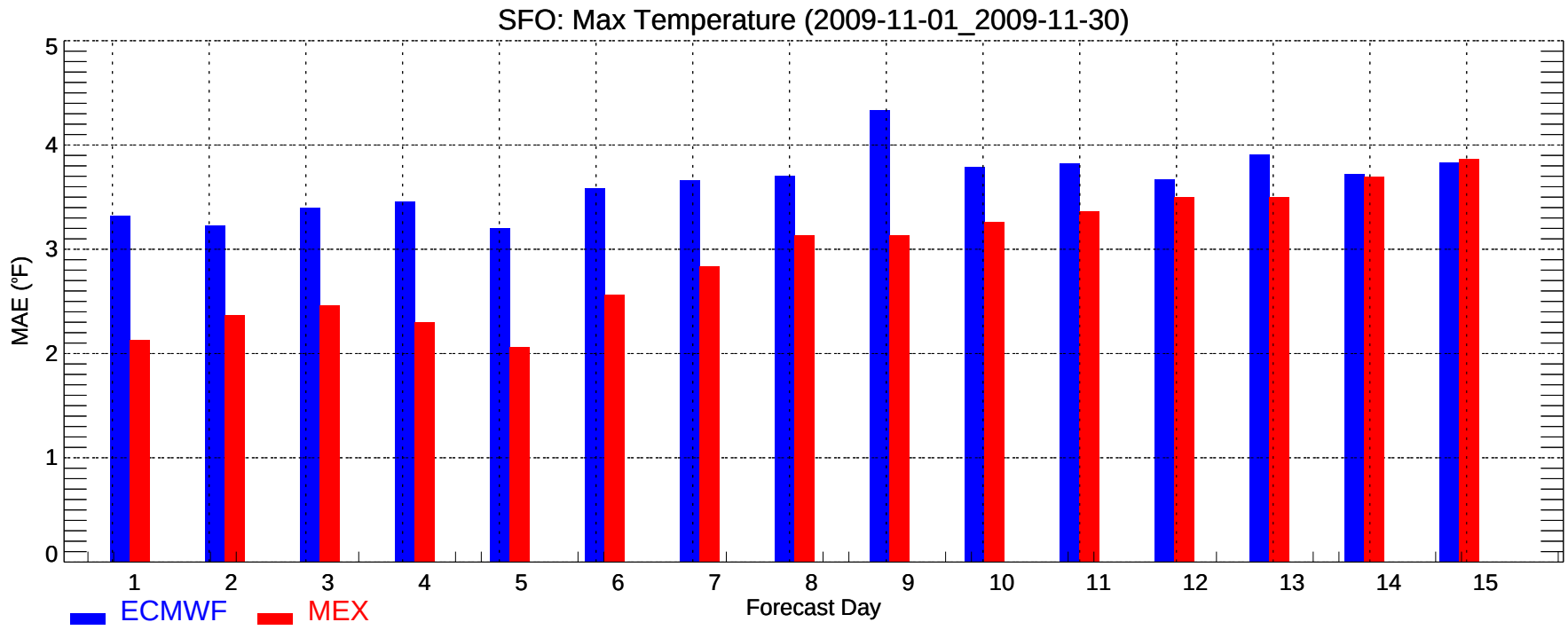
12
13
14
15
Forecast Day
ECMWF
MEX


SFO: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
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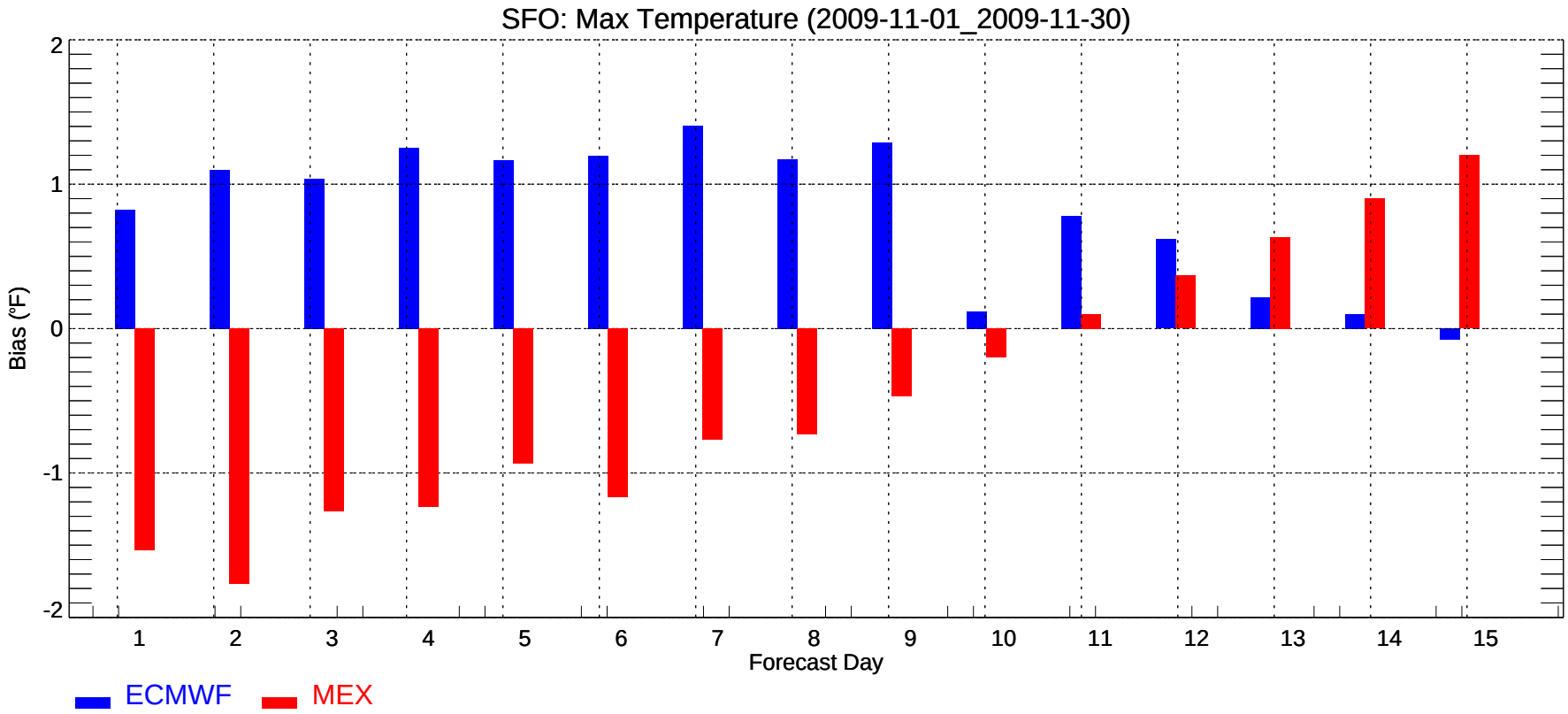
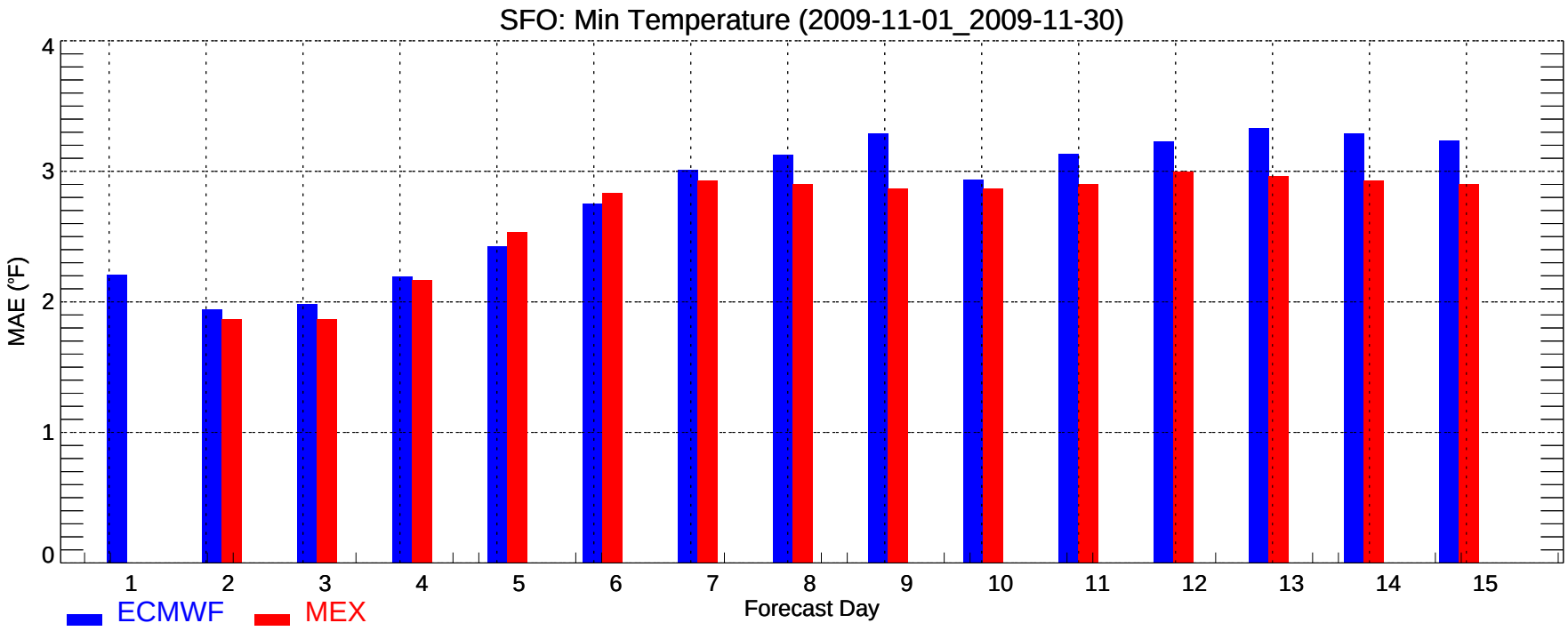
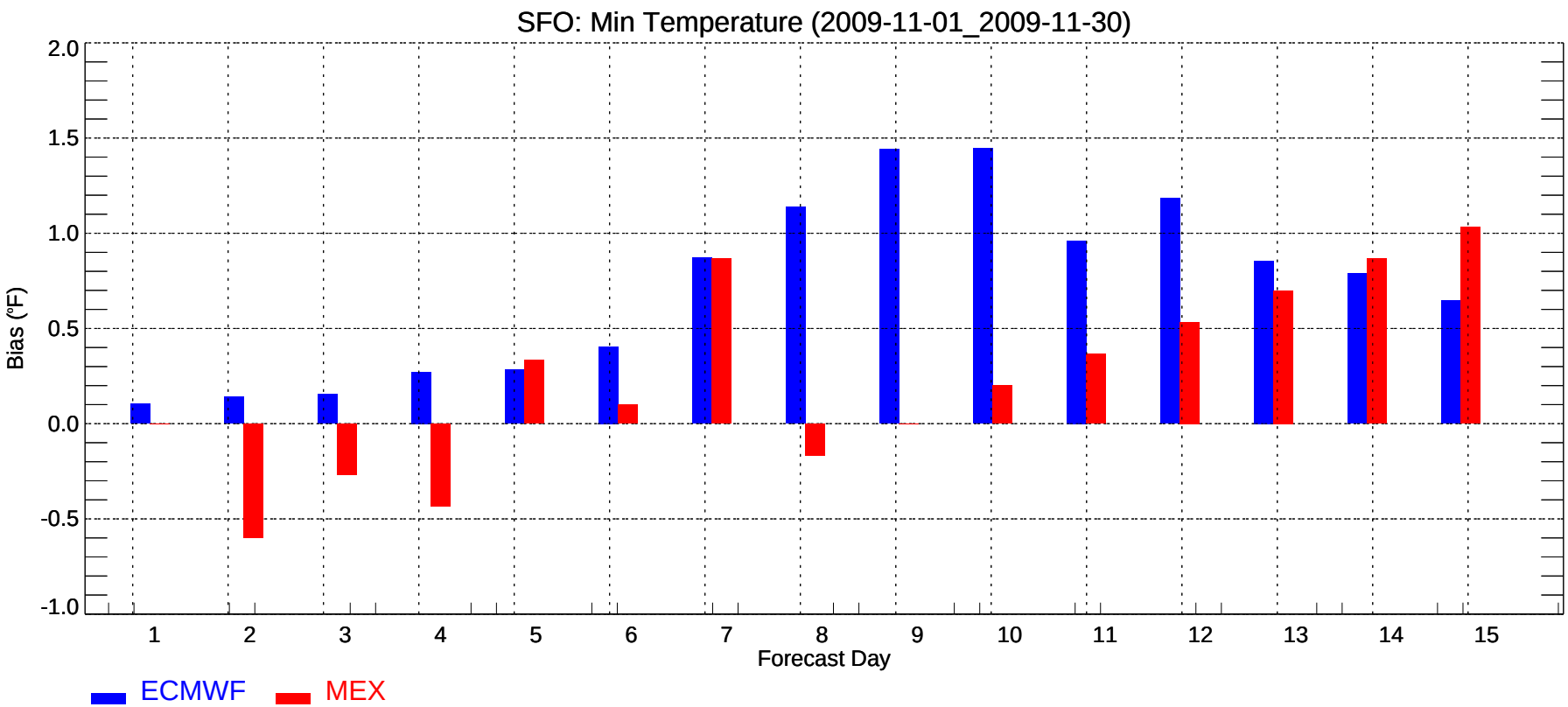
11
12
13
14
15
Forecast Day
ECMWF
MEX


SFO: Max Temperature (2009-11-01_2009-11-30)
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: Min Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
Bias (°F)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
1
2
3
4
5
6
7
8
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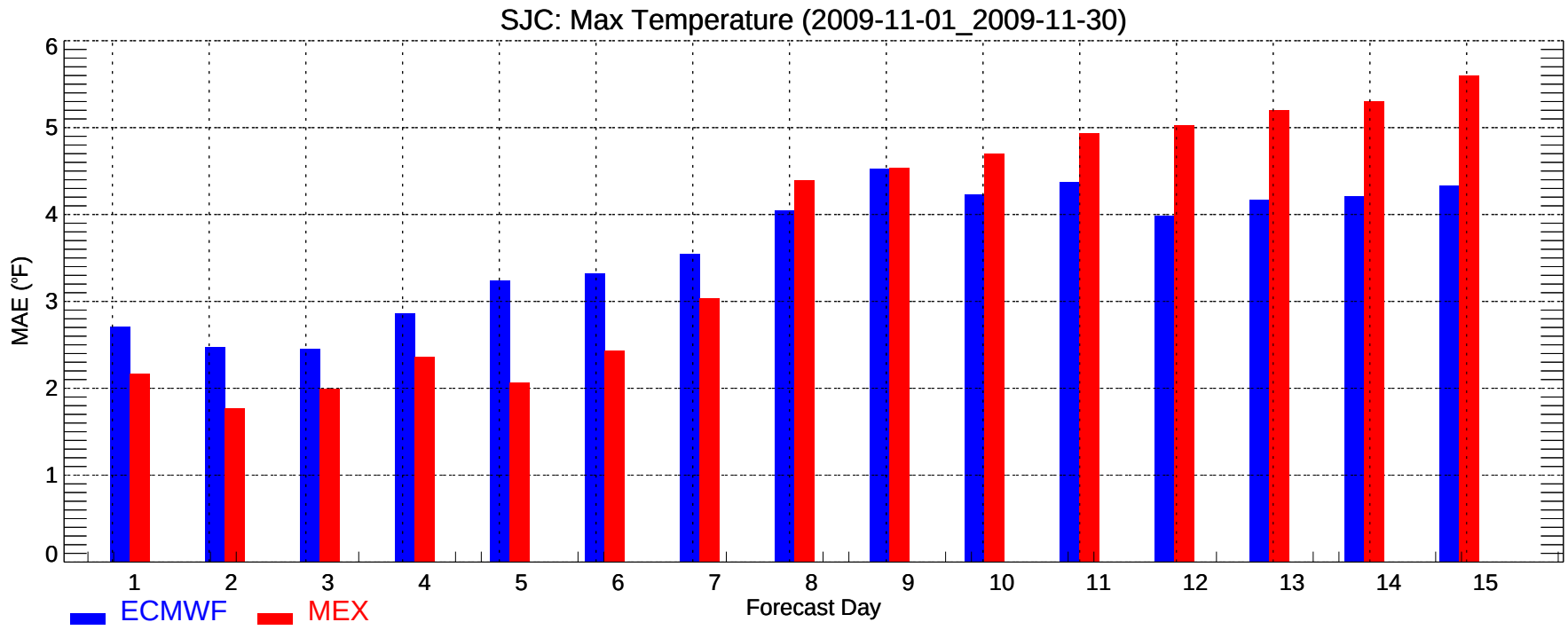
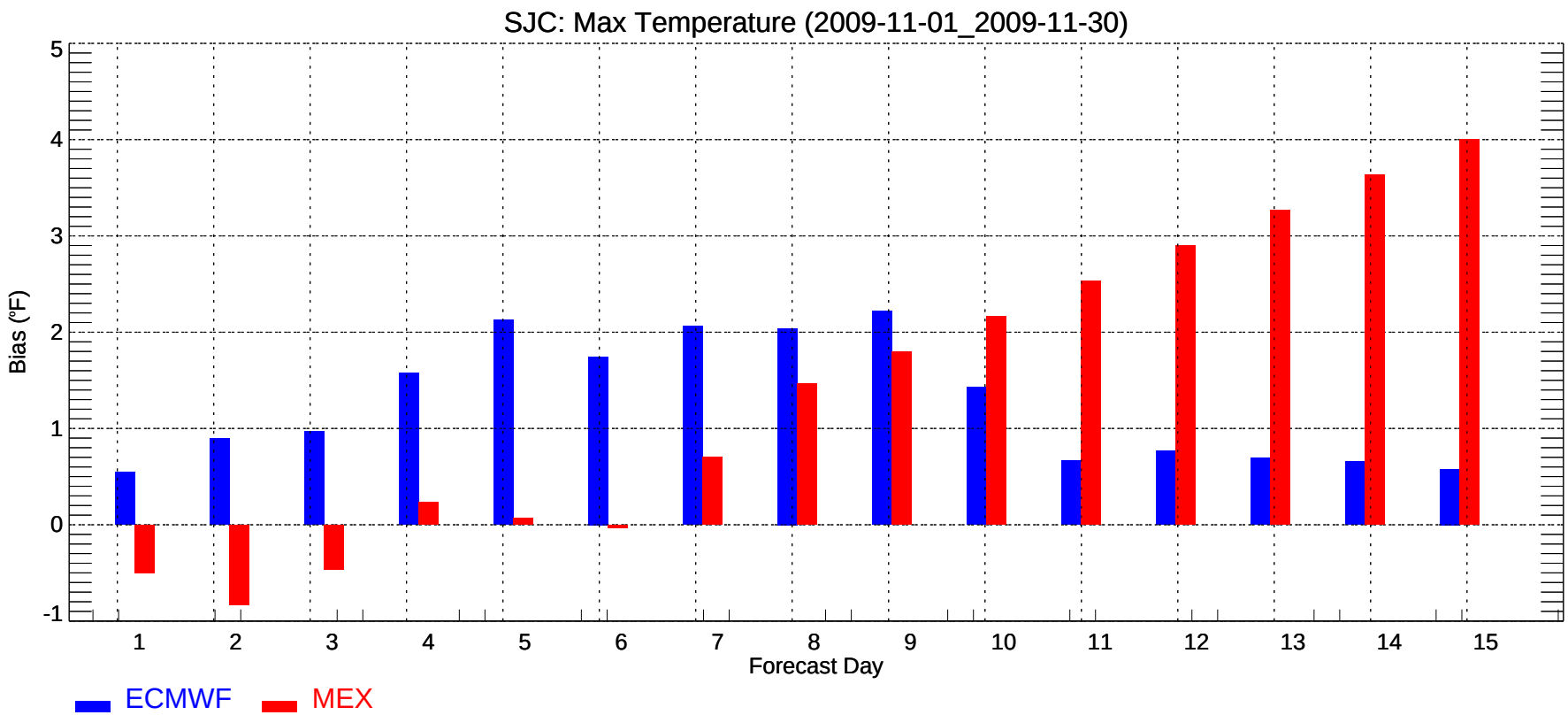
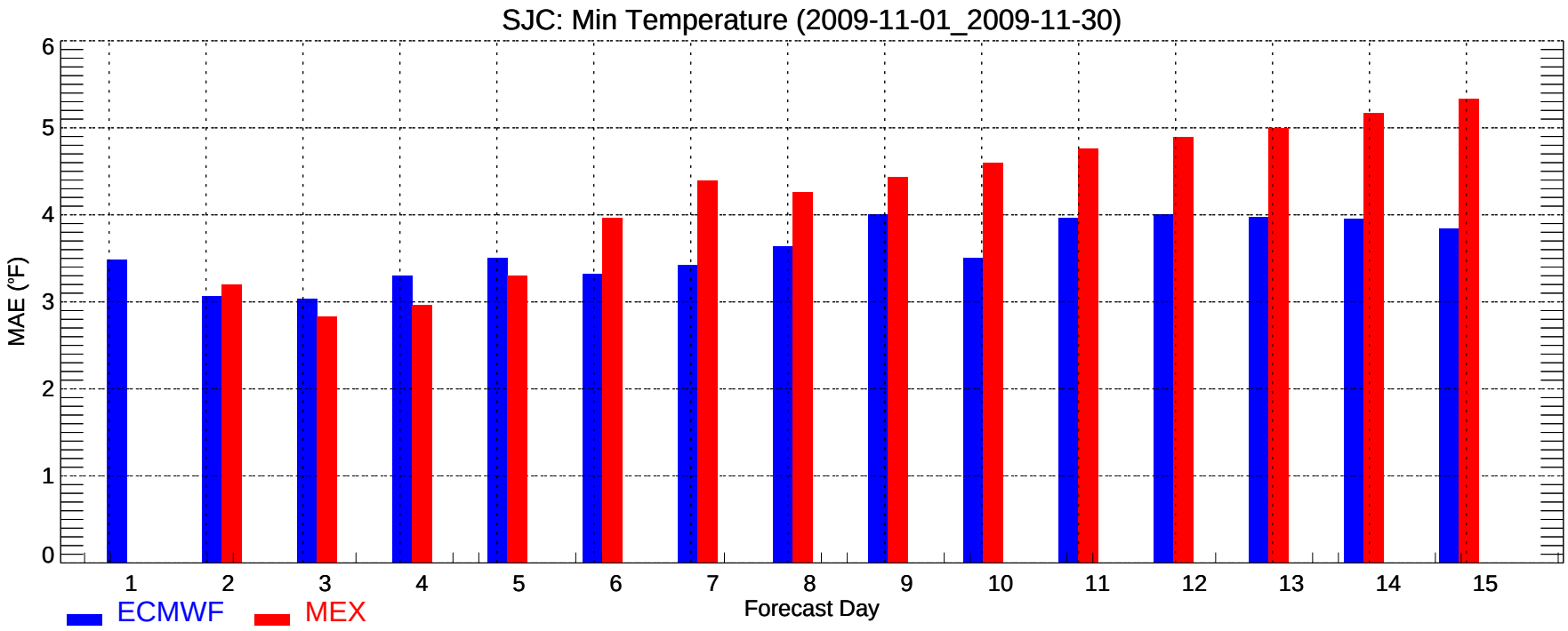
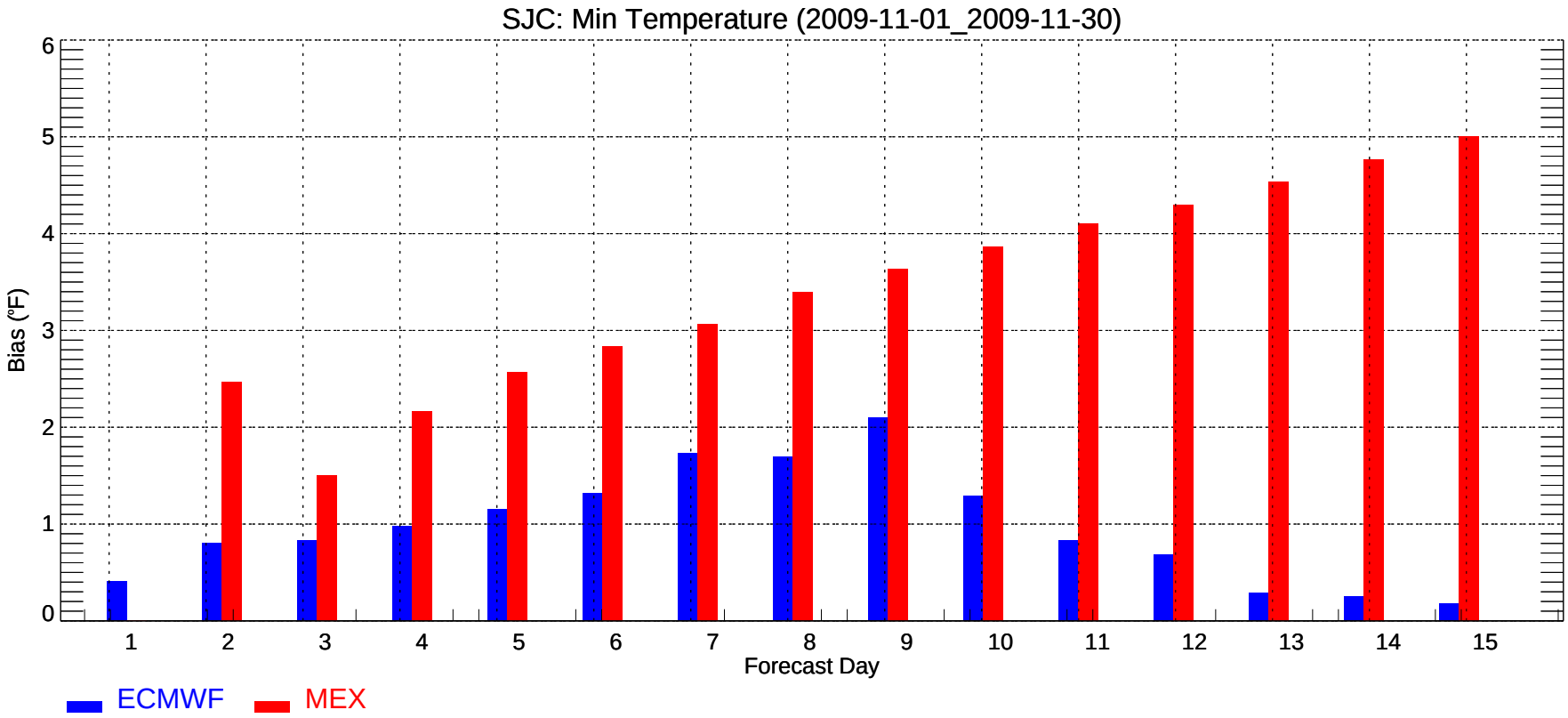
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJC: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJC: Max Temperature (2009-11-01_2009-11-30)
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


SJC: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJC: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
1
2
3
4
5
6
1
2
3
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5
6
7
8
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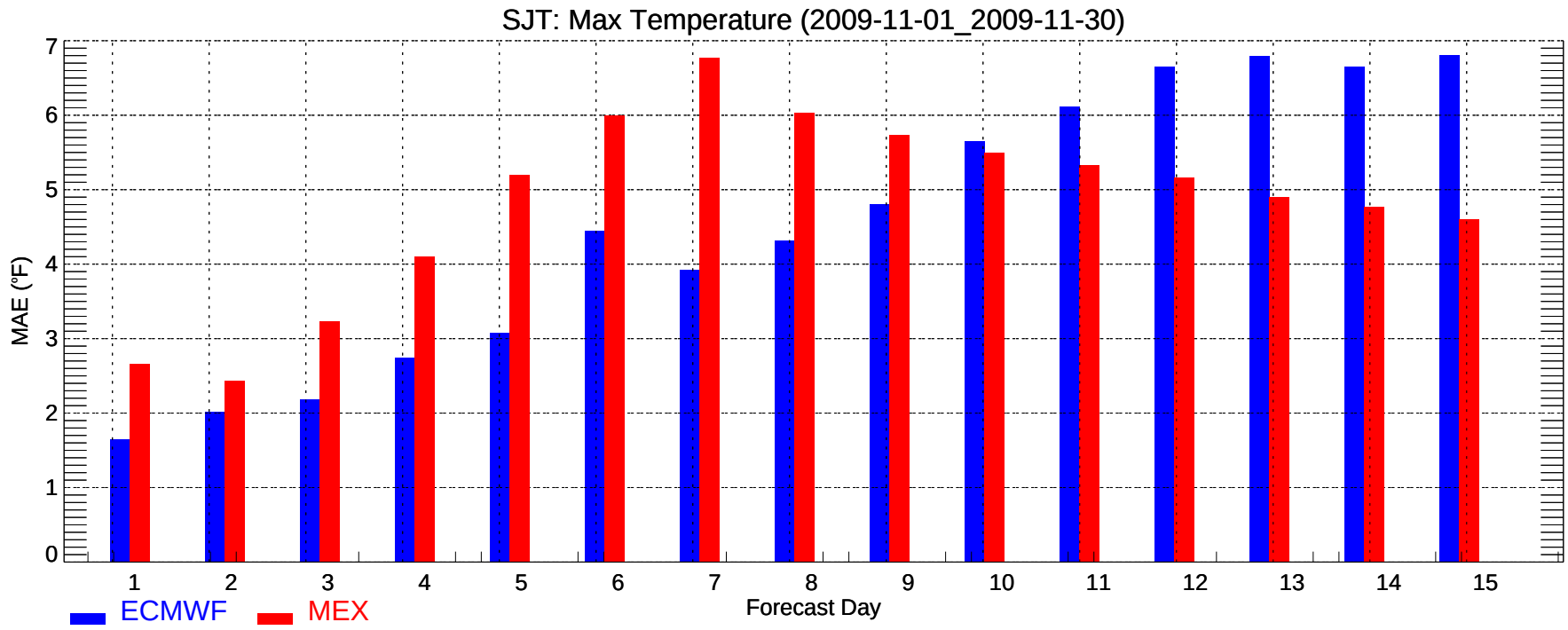
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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5
6
7
8
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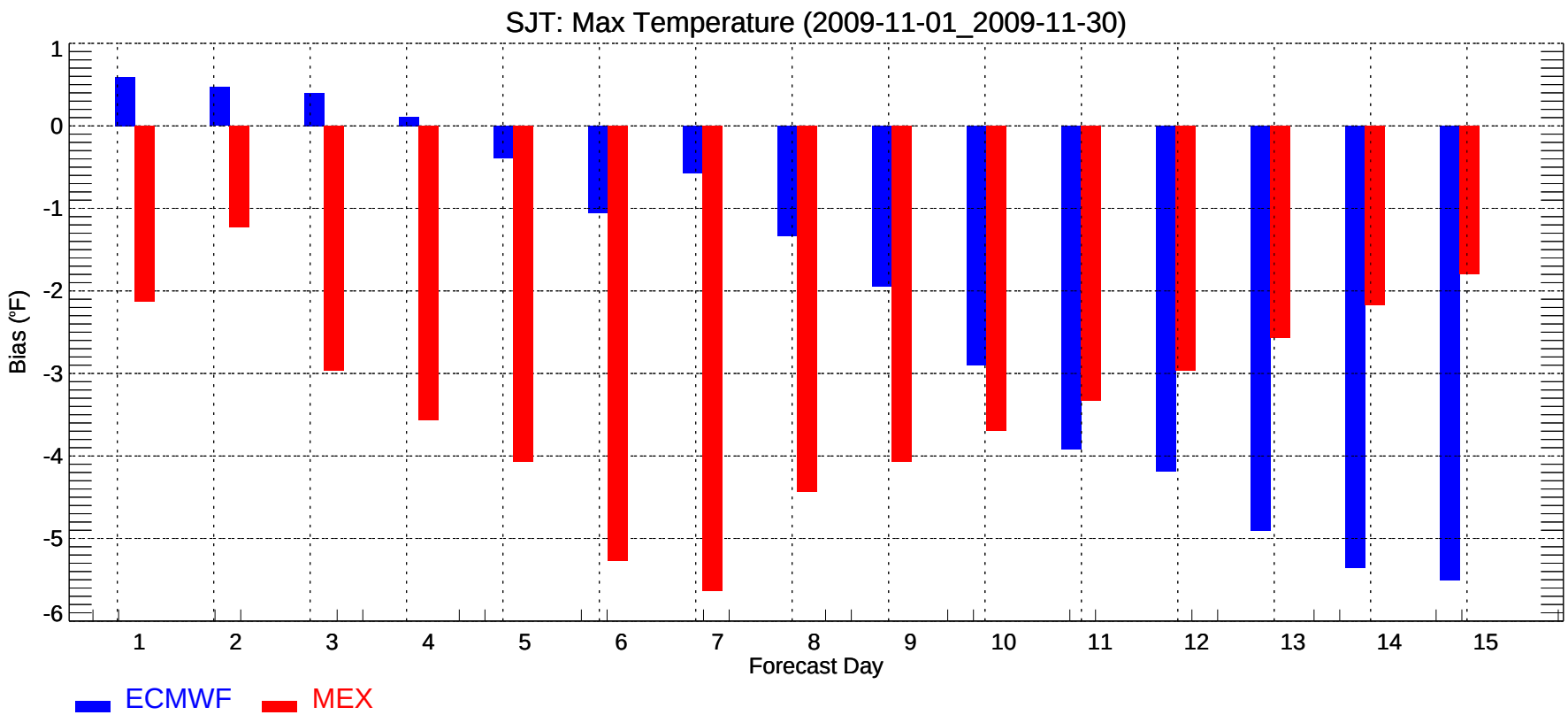
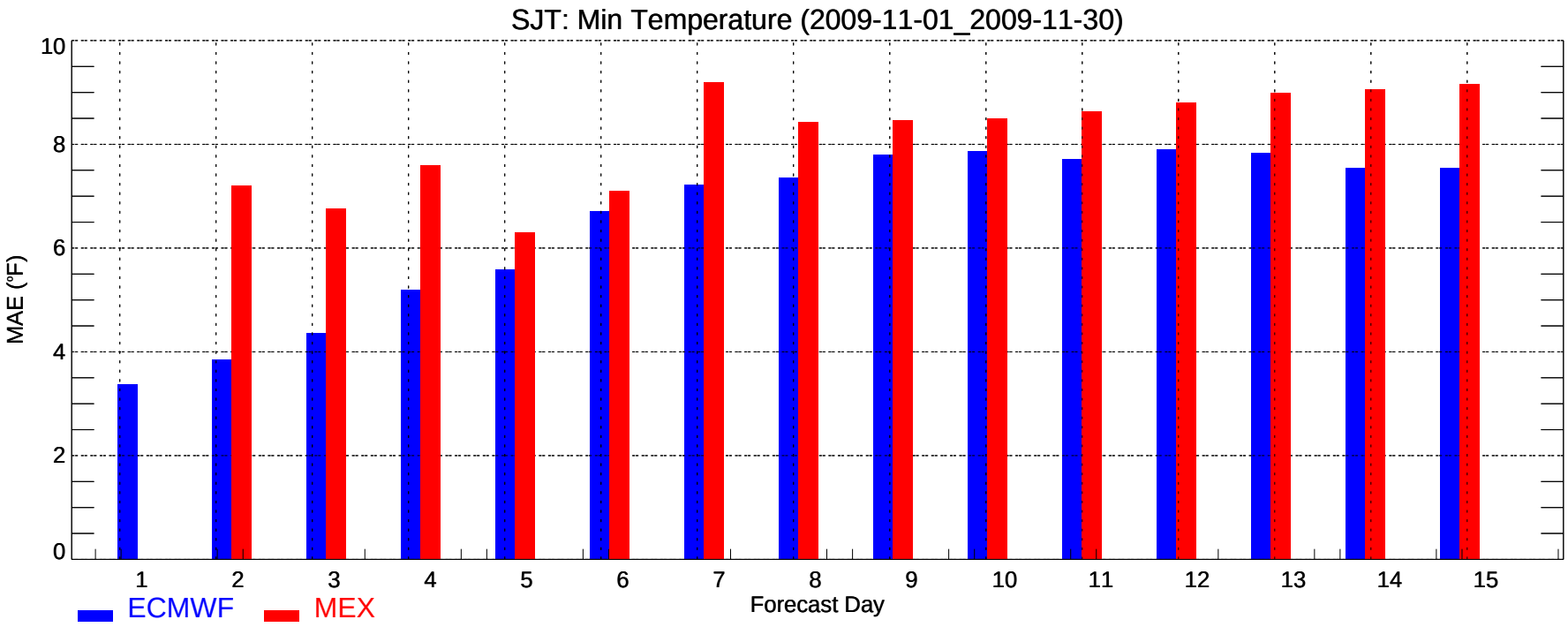
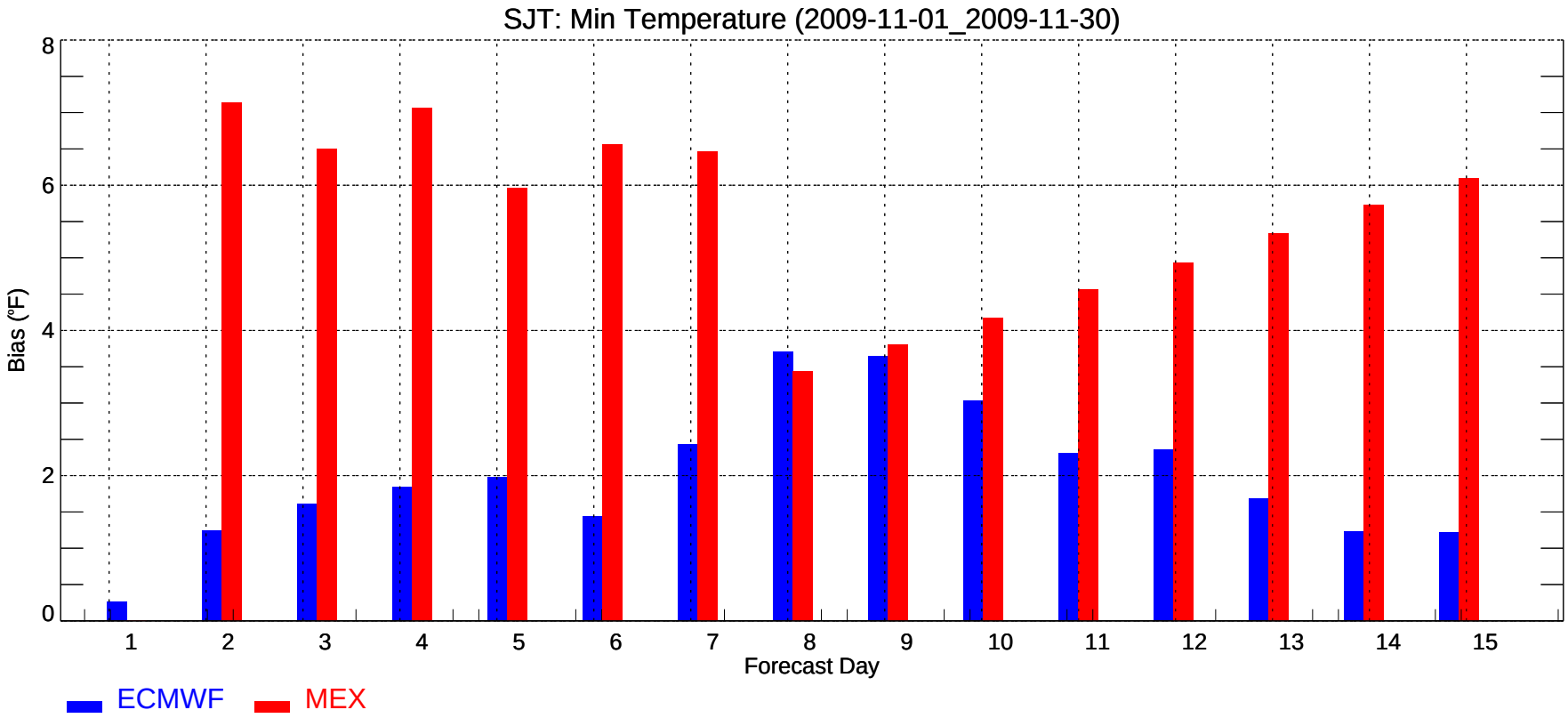
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
2
4
6
8
1
2
3
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6
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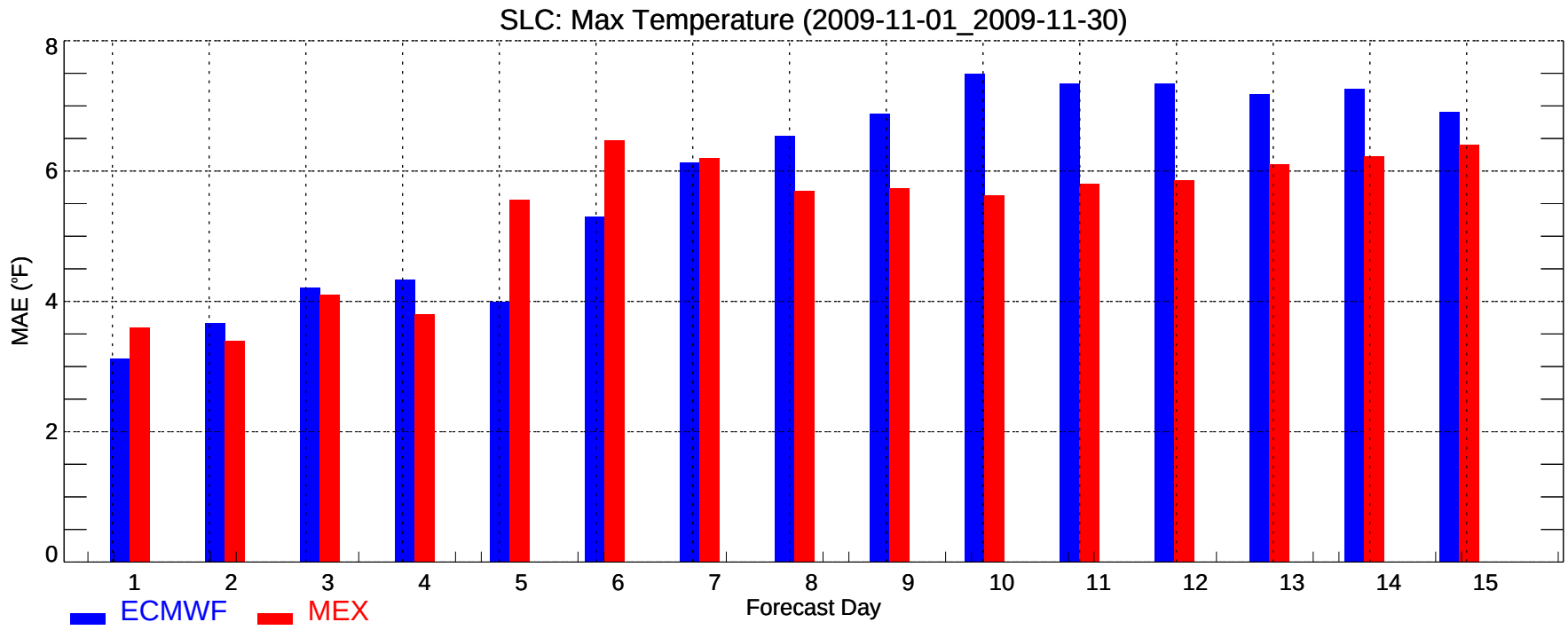
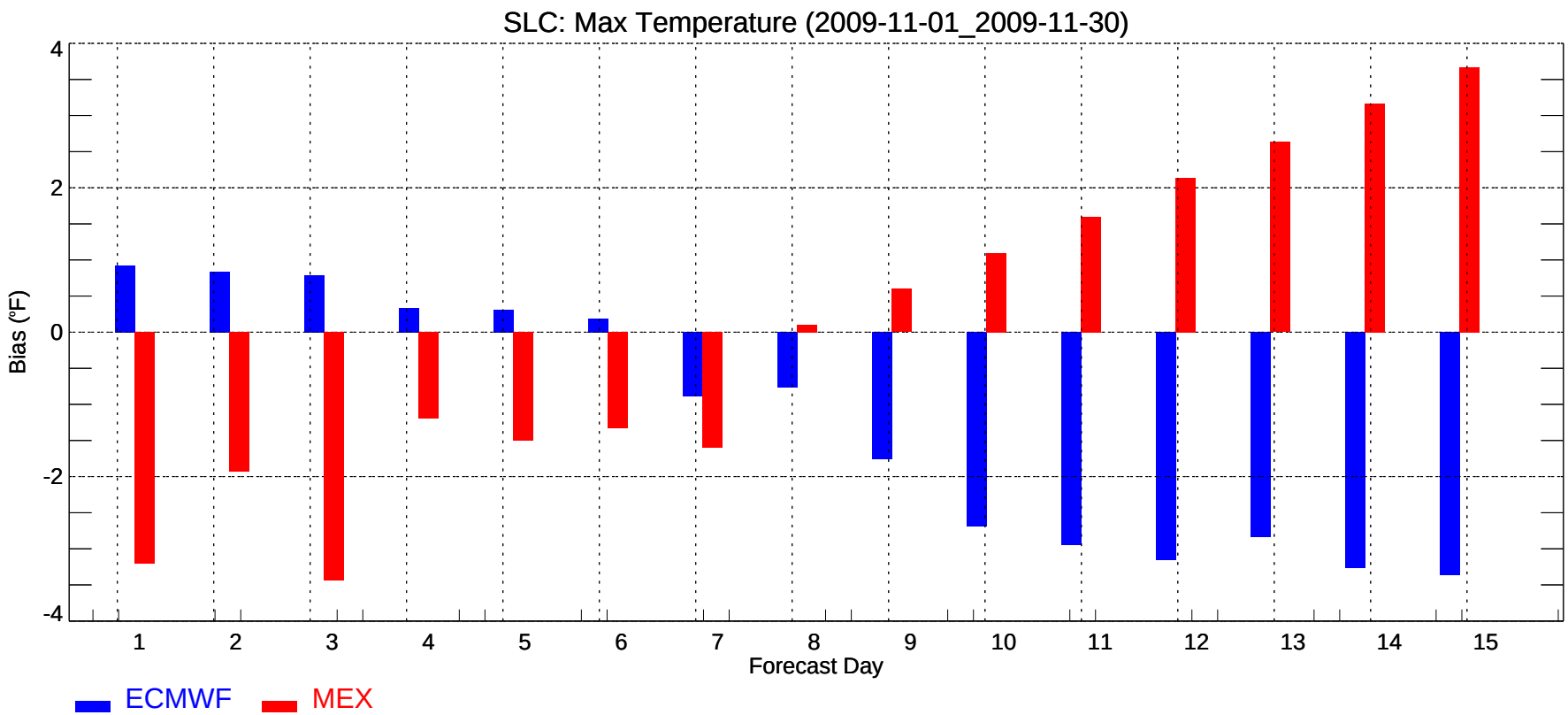
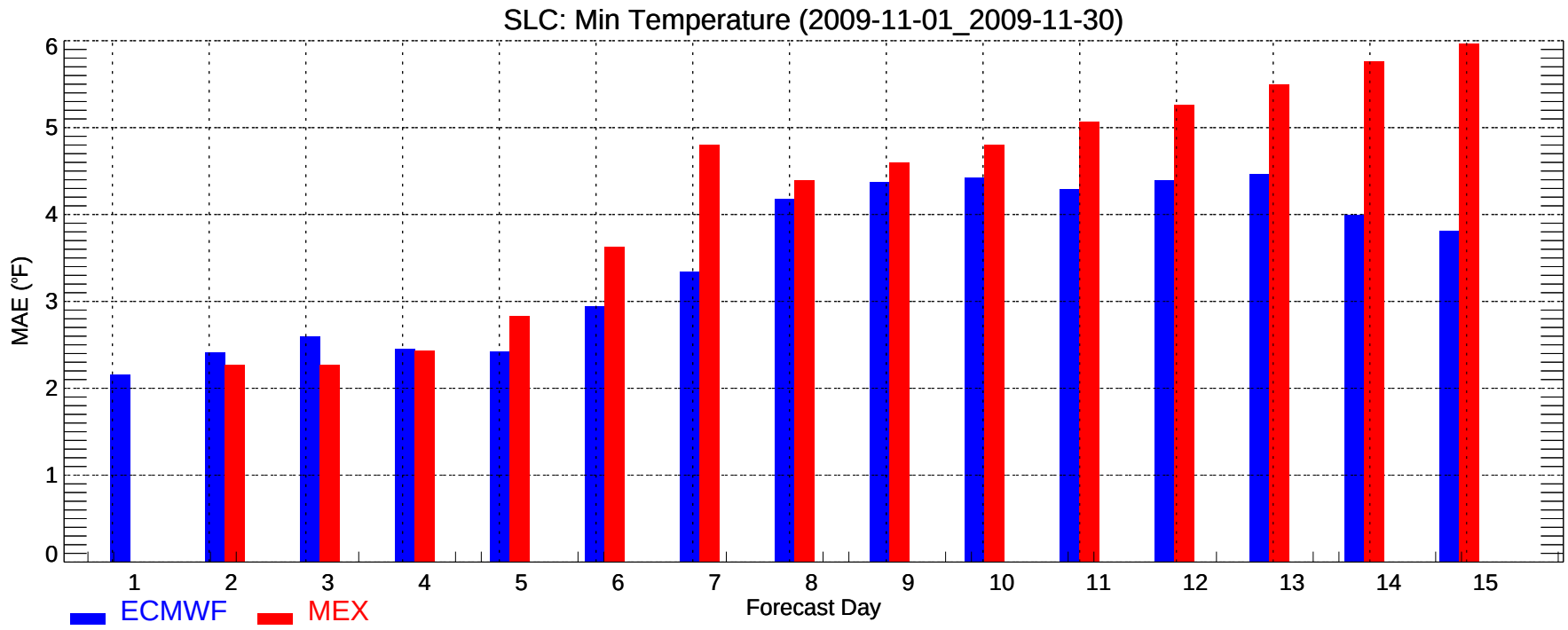
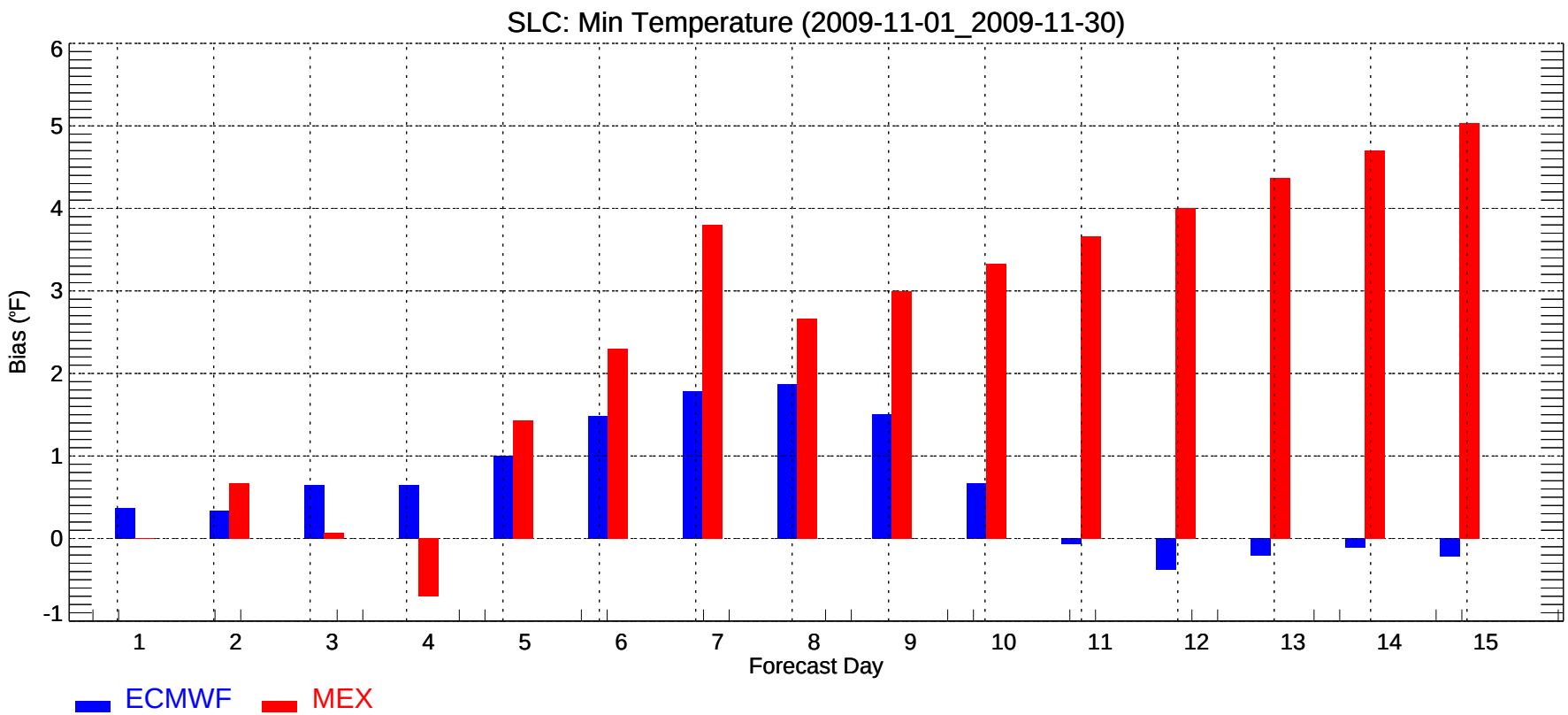
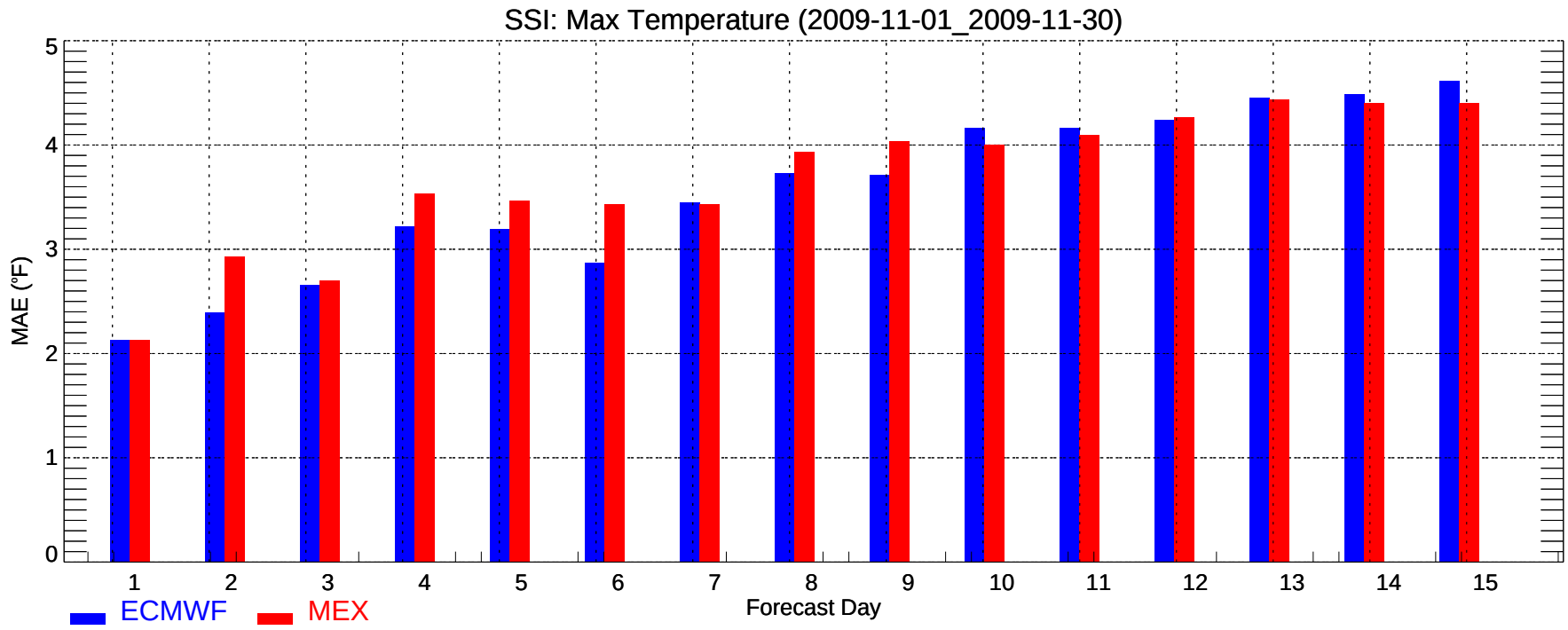
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

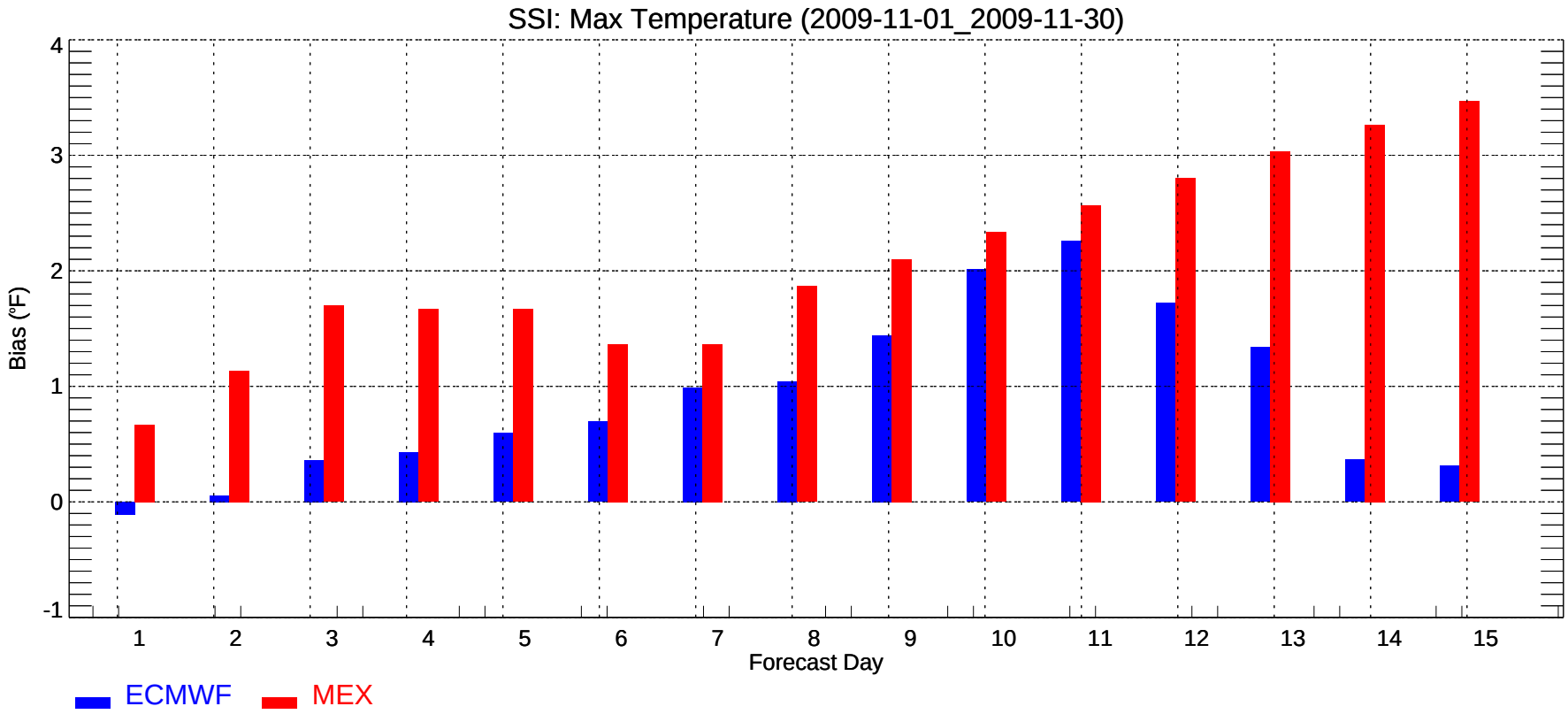

SLC: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

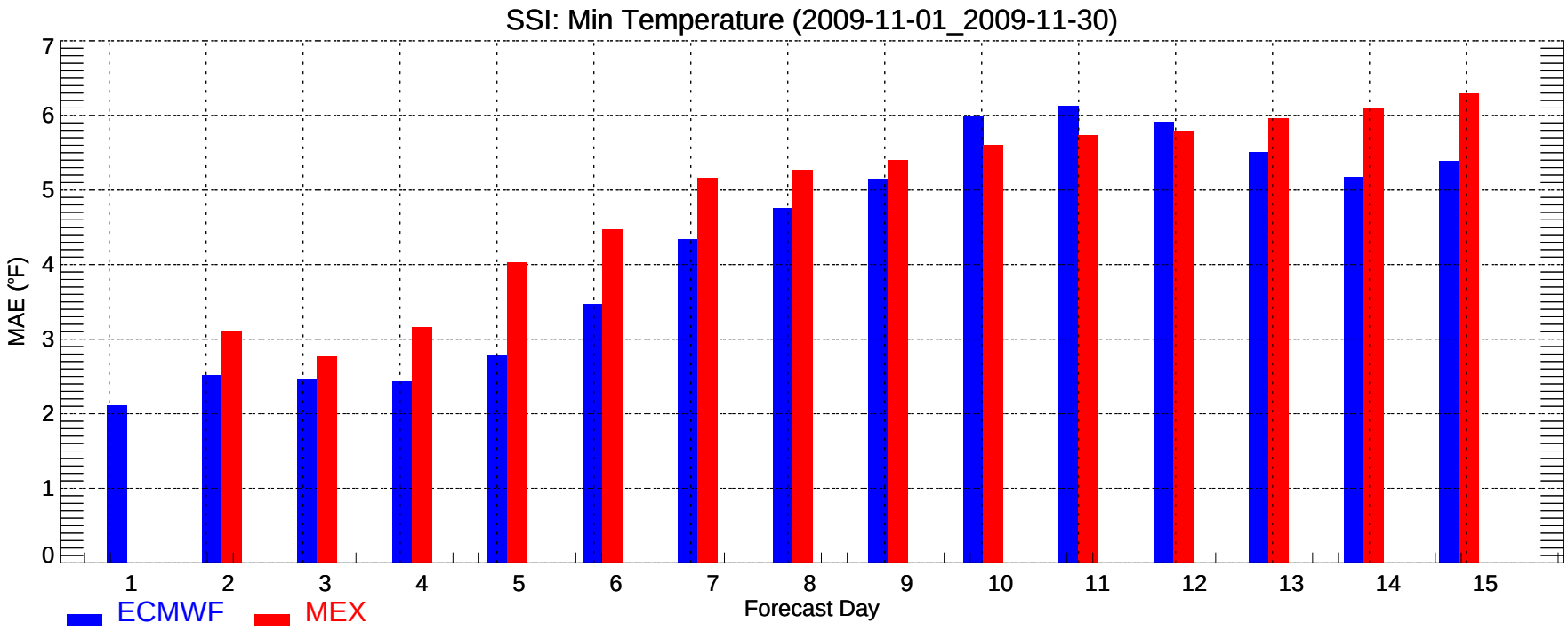

SLC: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

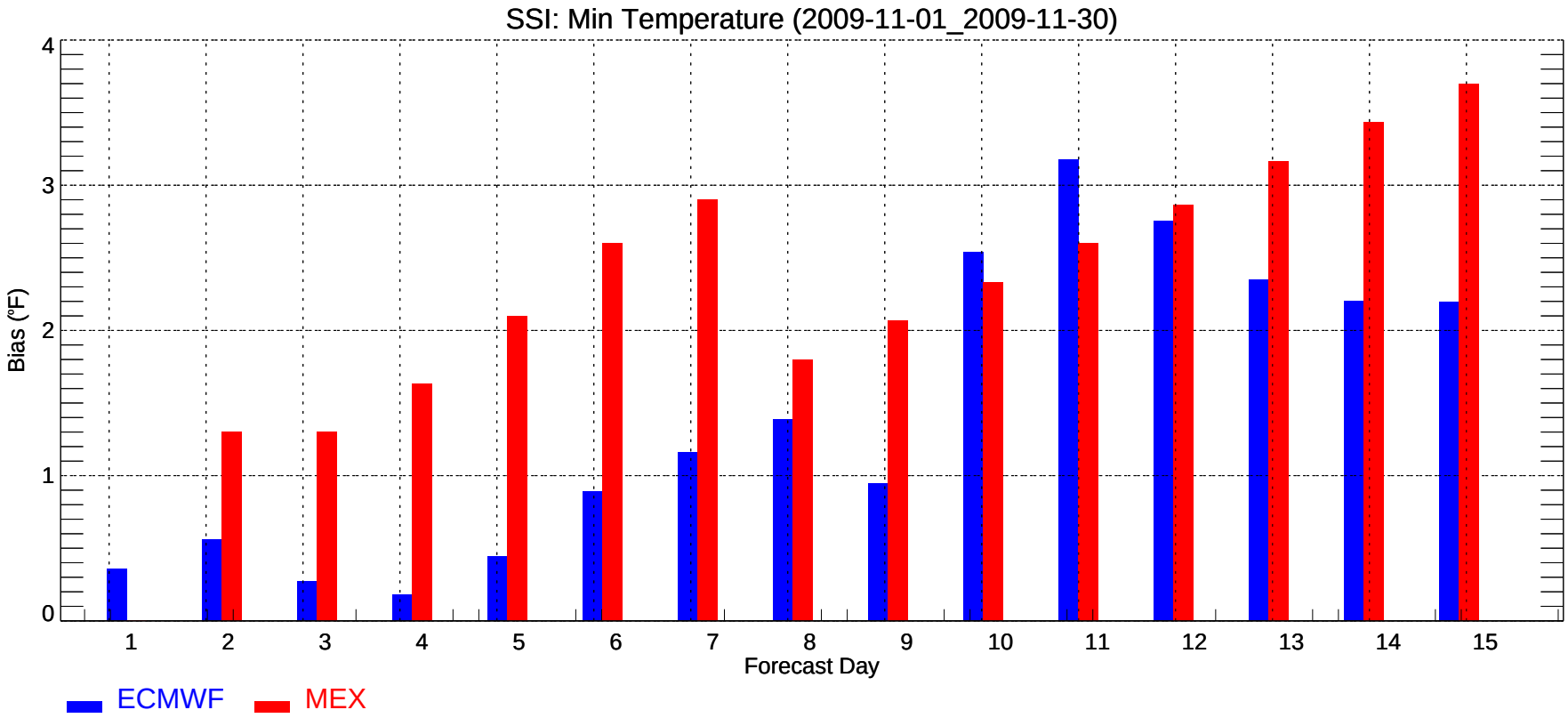

SLC: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

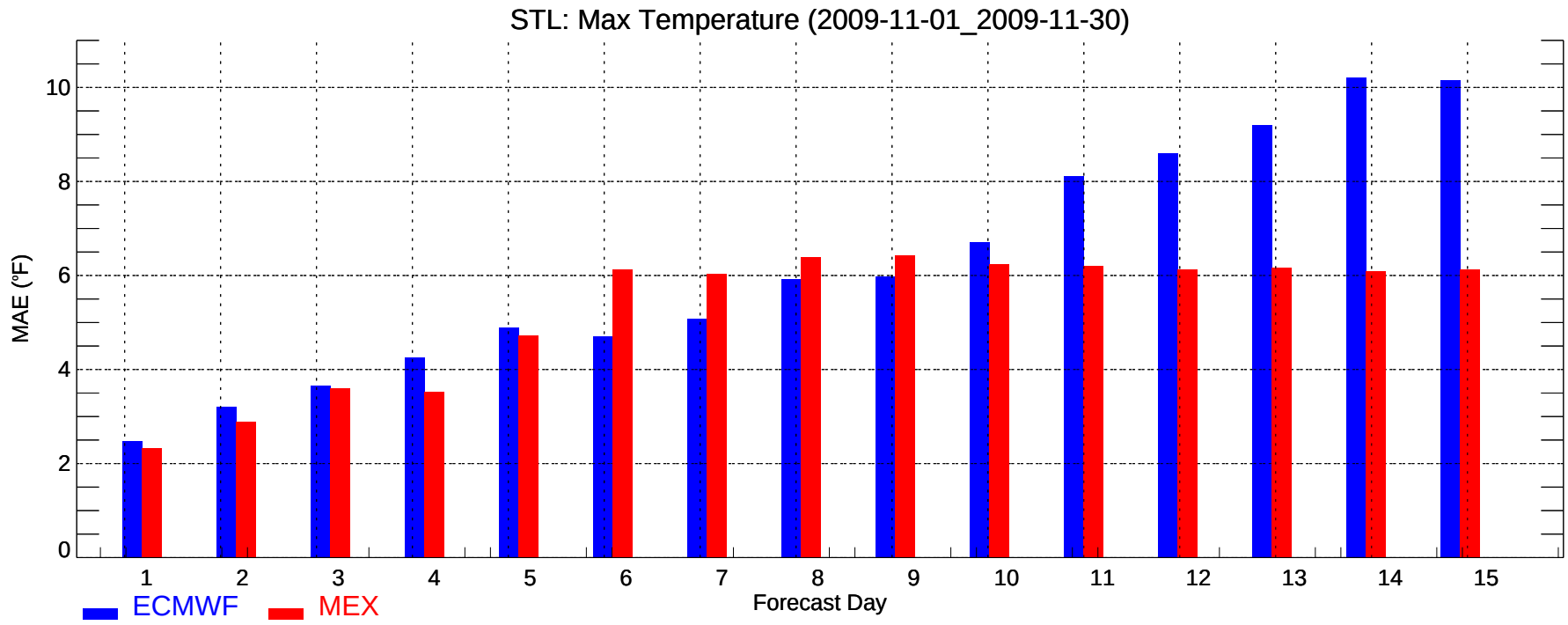

SLC: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

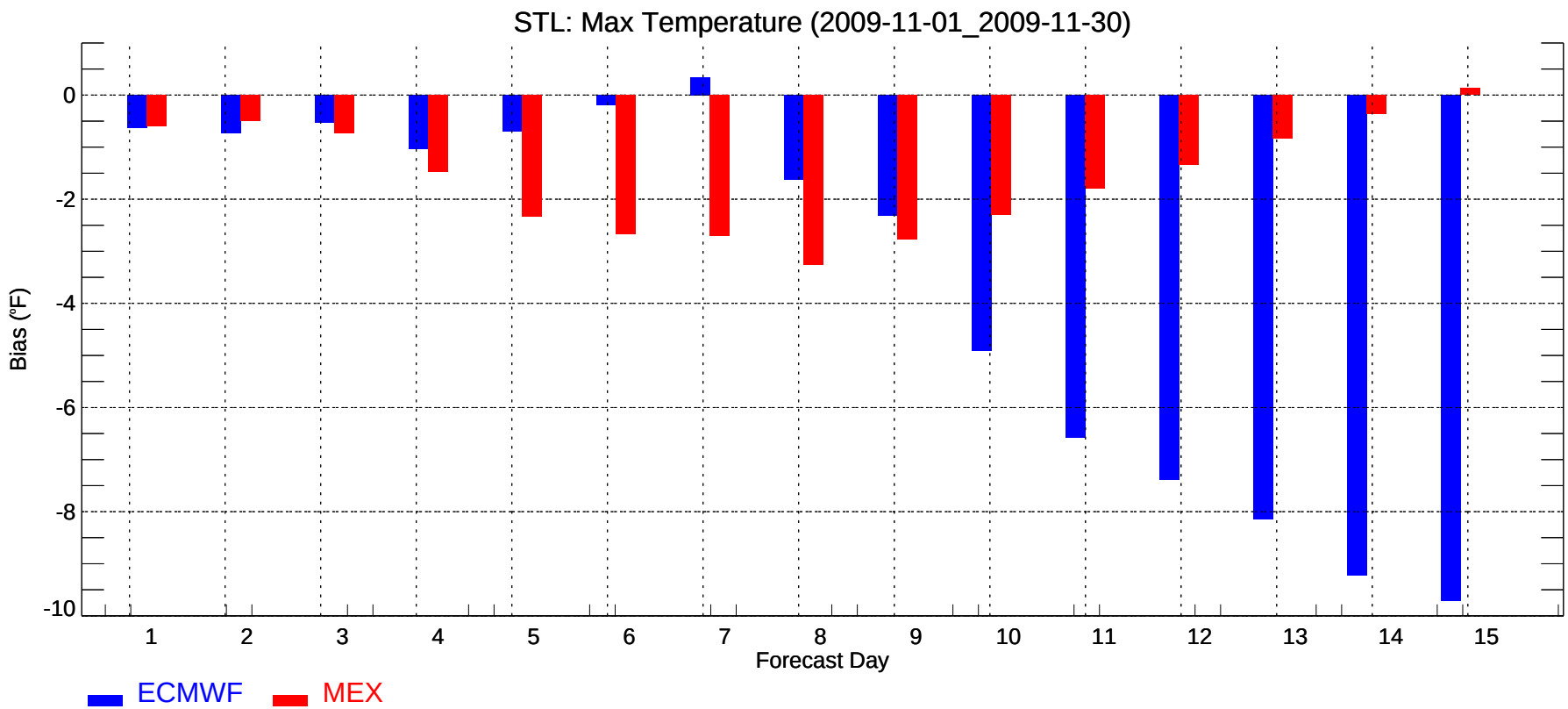

SSI: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

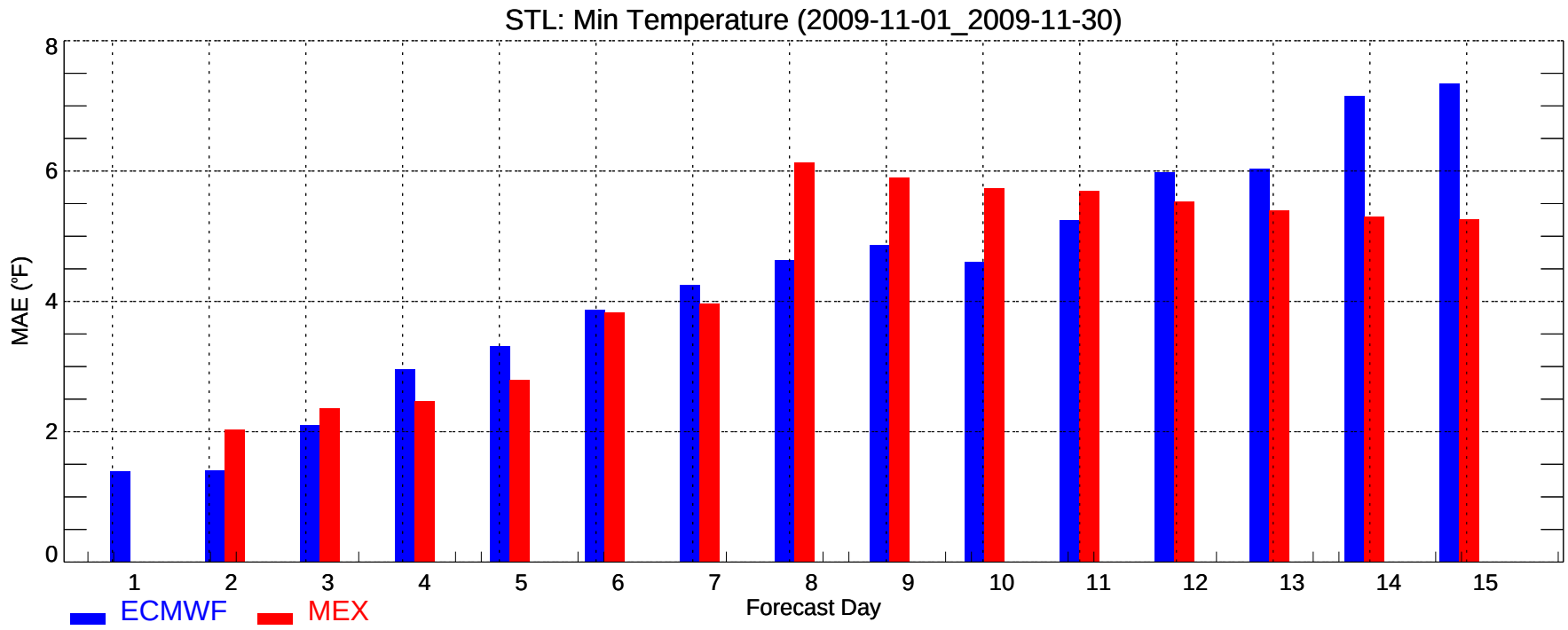

SSI: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

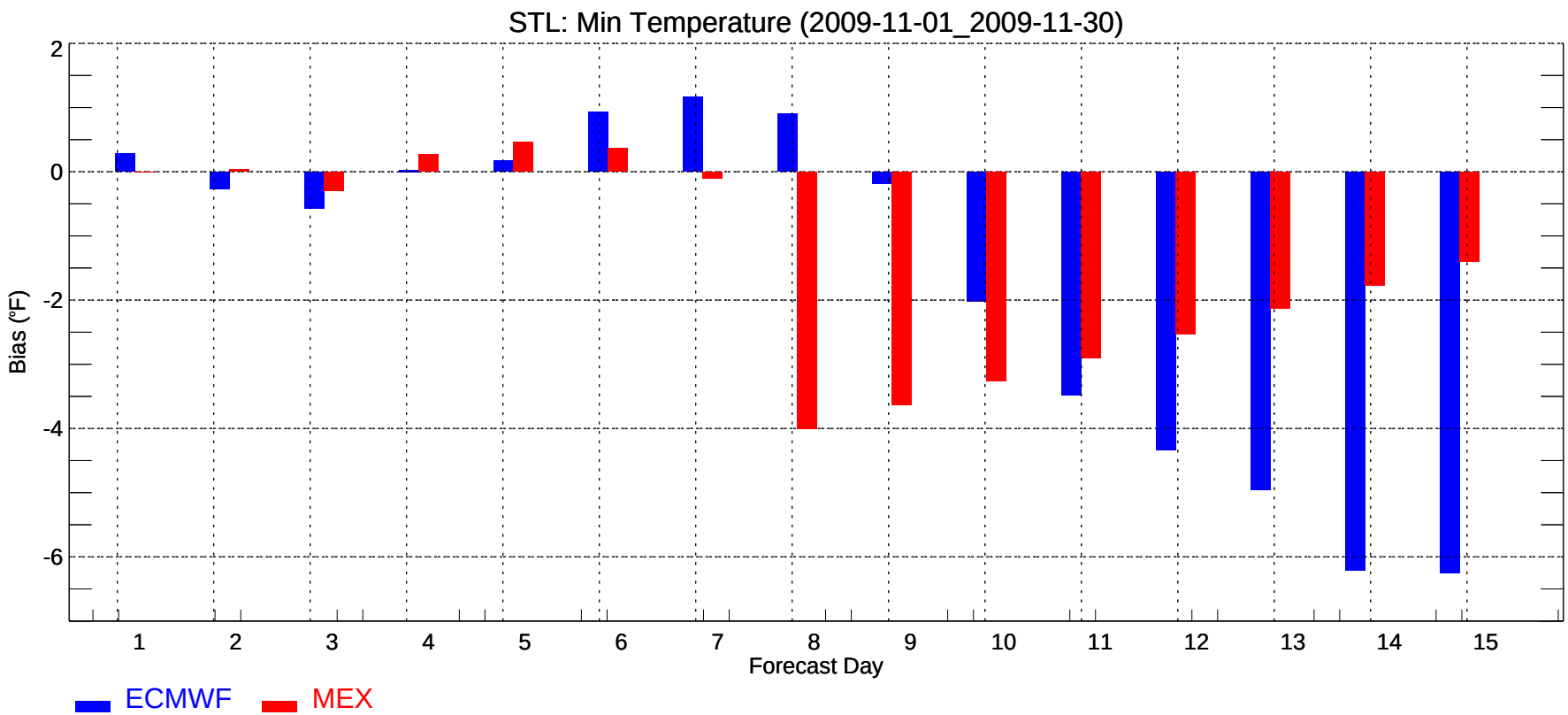

SSI: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

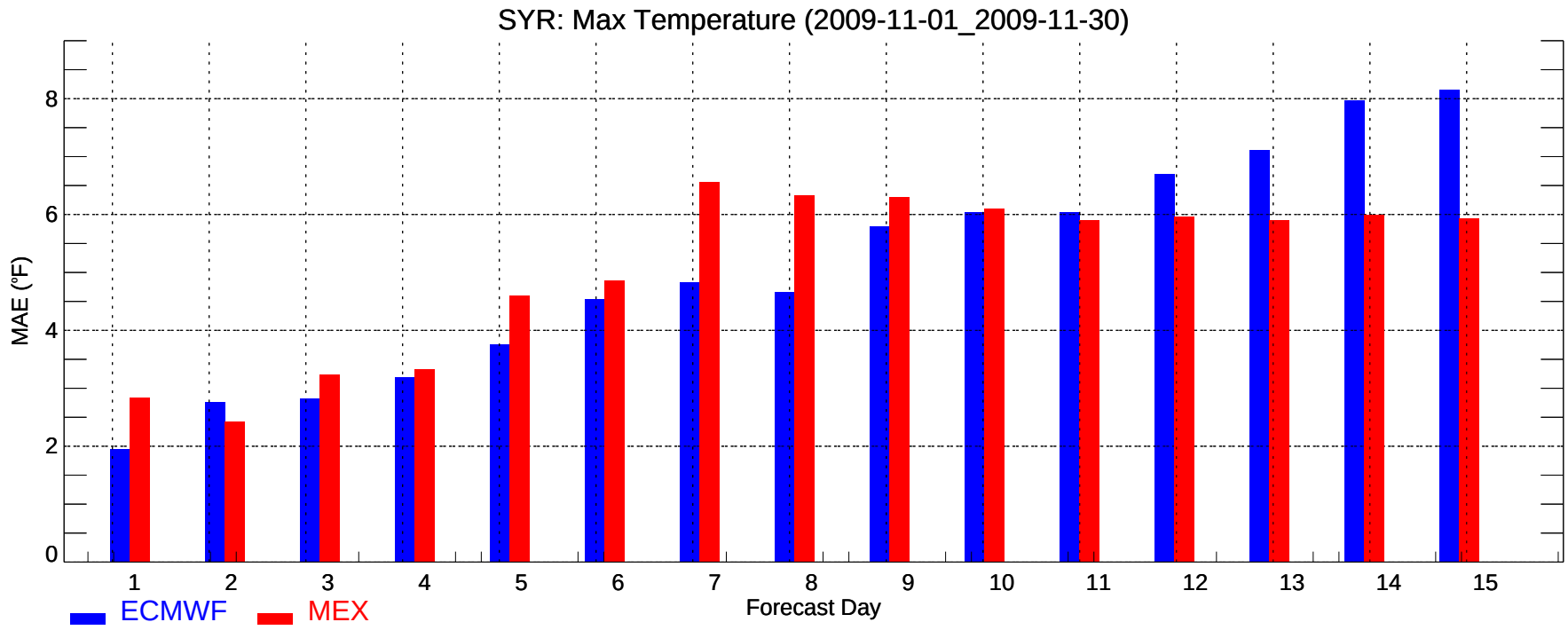

SSI: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

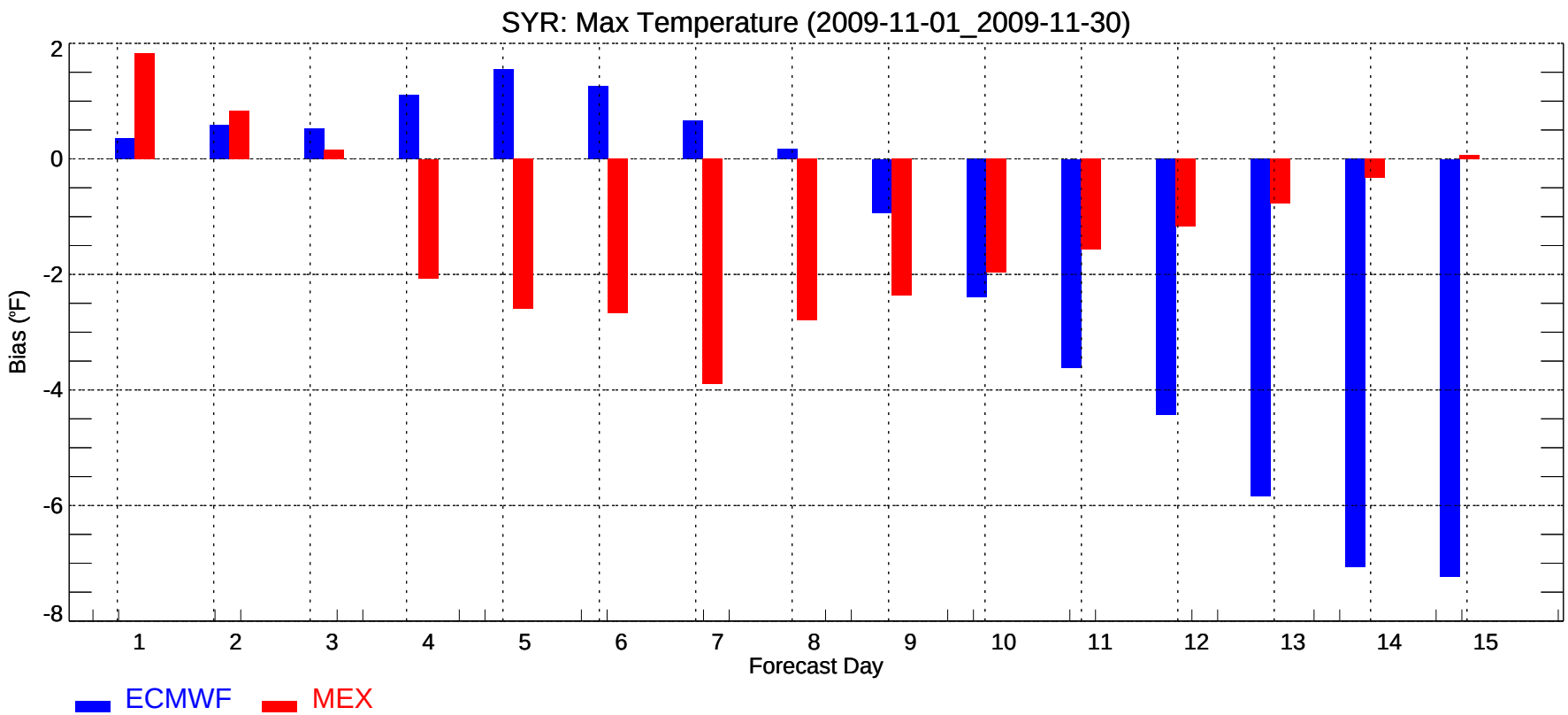

STL: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

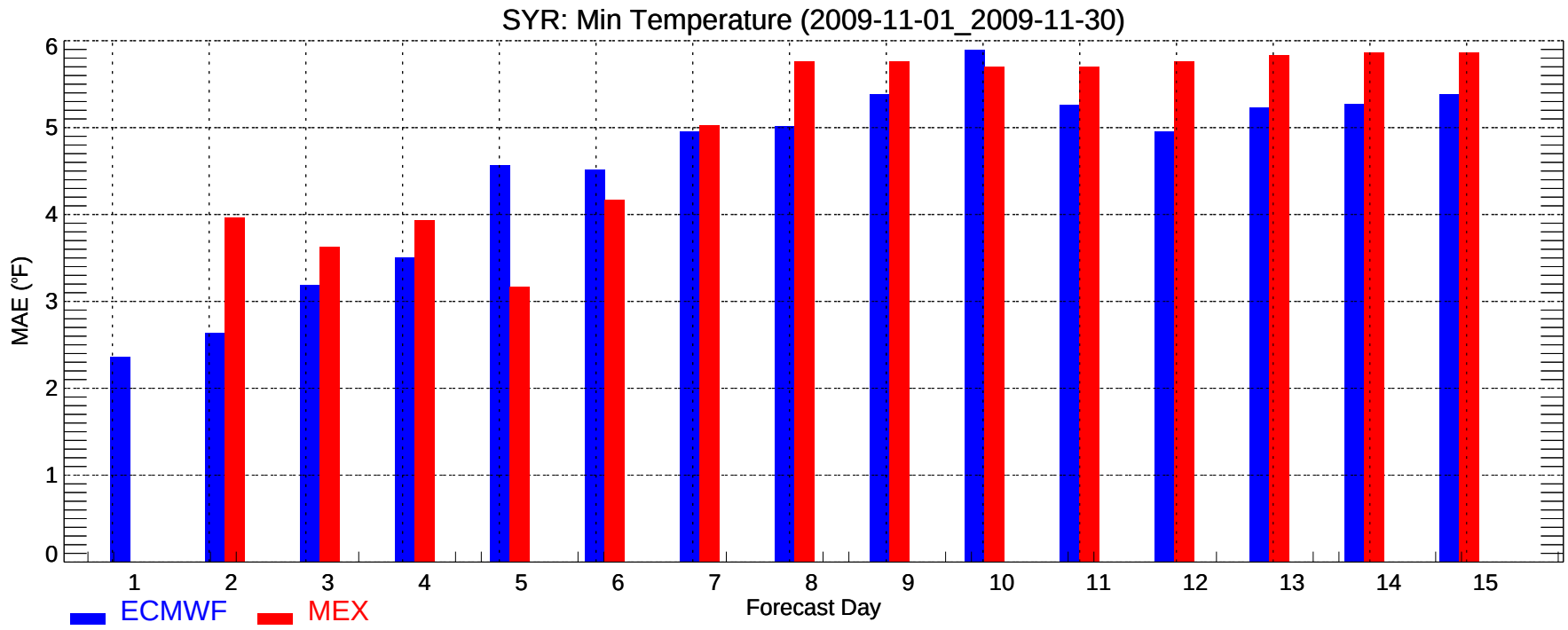

STL: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


STL: Min Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SYR: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SYR: Max Temperature (2009-11-01_2009-11-30)
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: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
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5
6
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8
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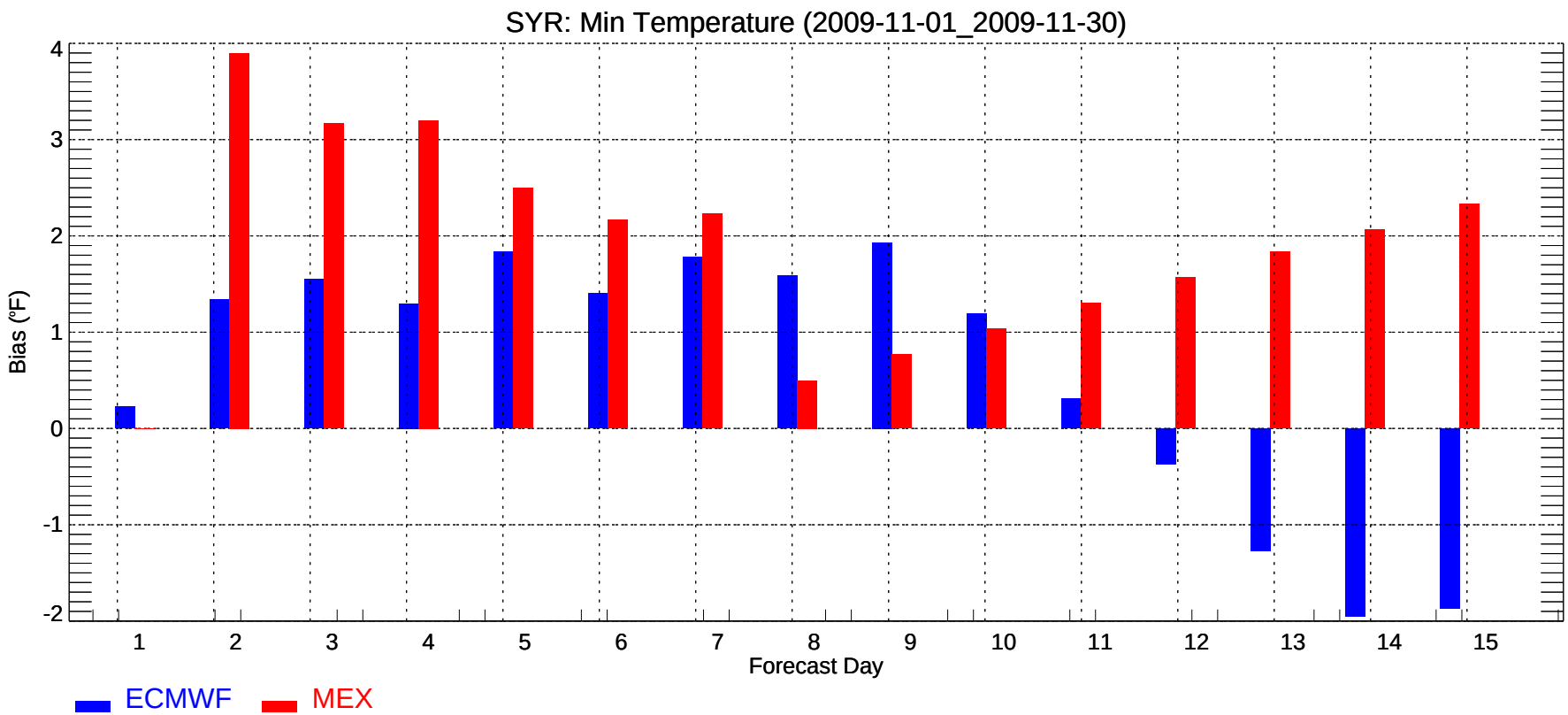
12
13
14
15
Forecast Day
ECMWF
MEX


SYR: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
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5
6
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8
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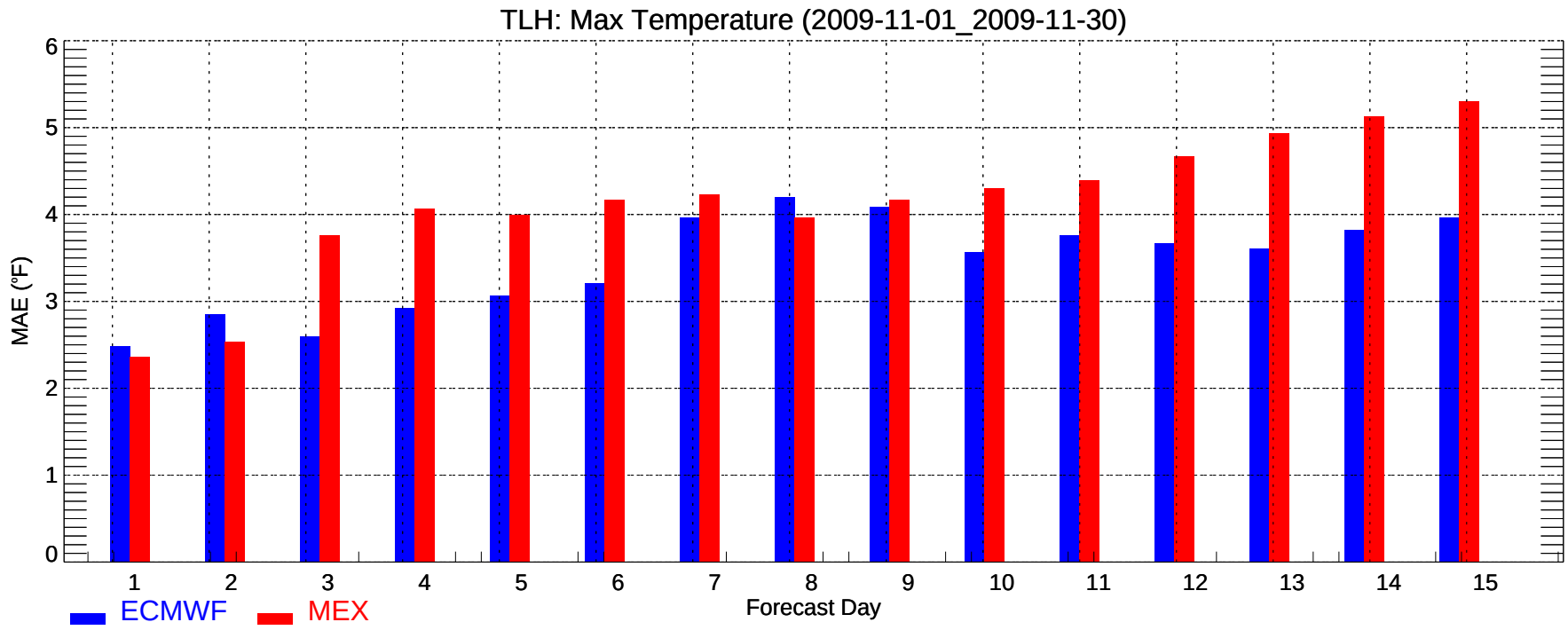
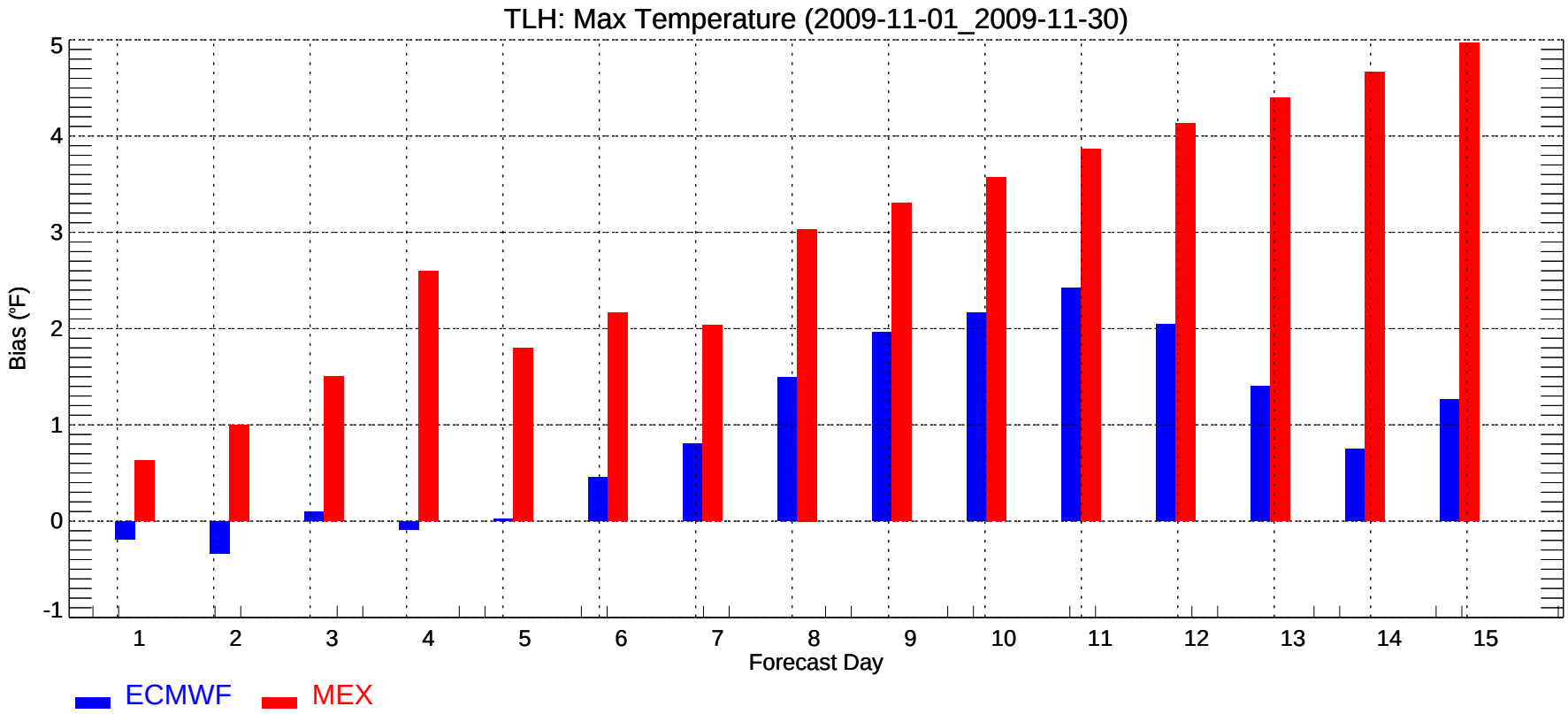
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TLH: Max Temperature (2009-11-01_2009-11-30)
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


TLH: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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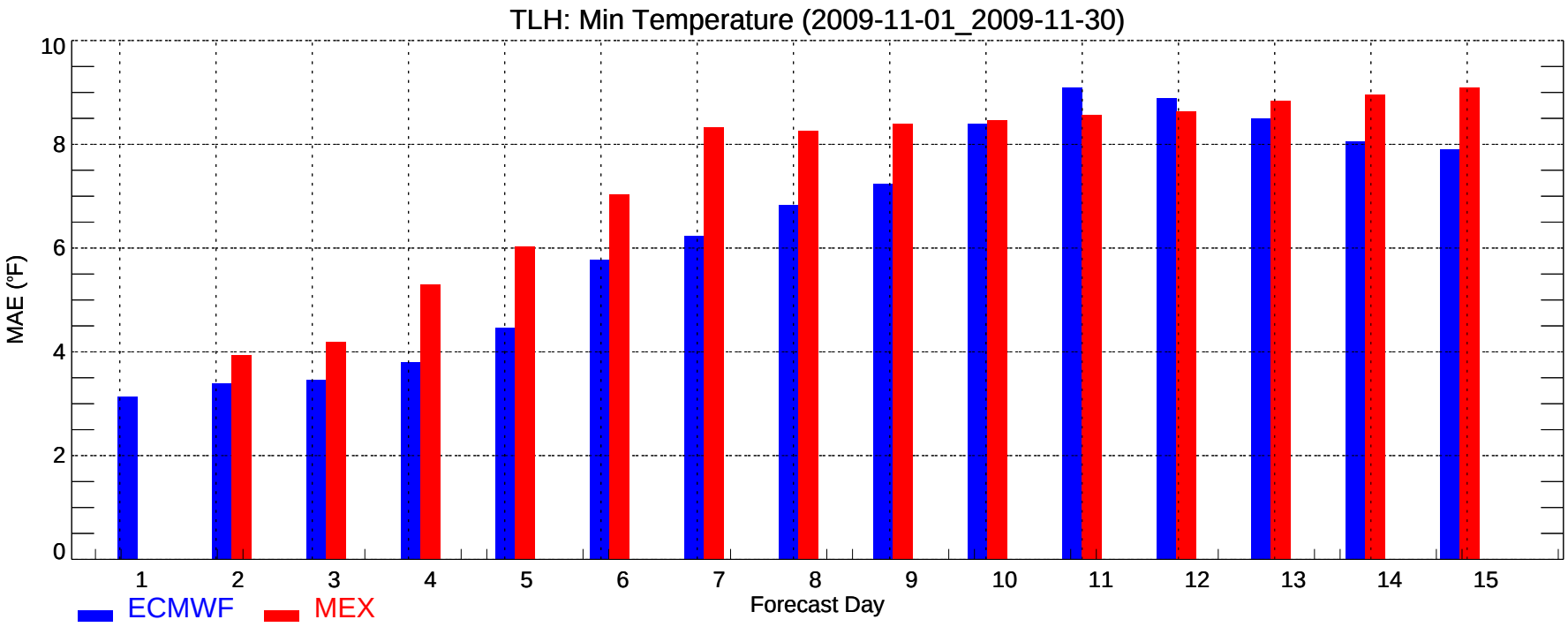
11
12
13
14
15
Forecast Day
ECMWF
MEX


TLH: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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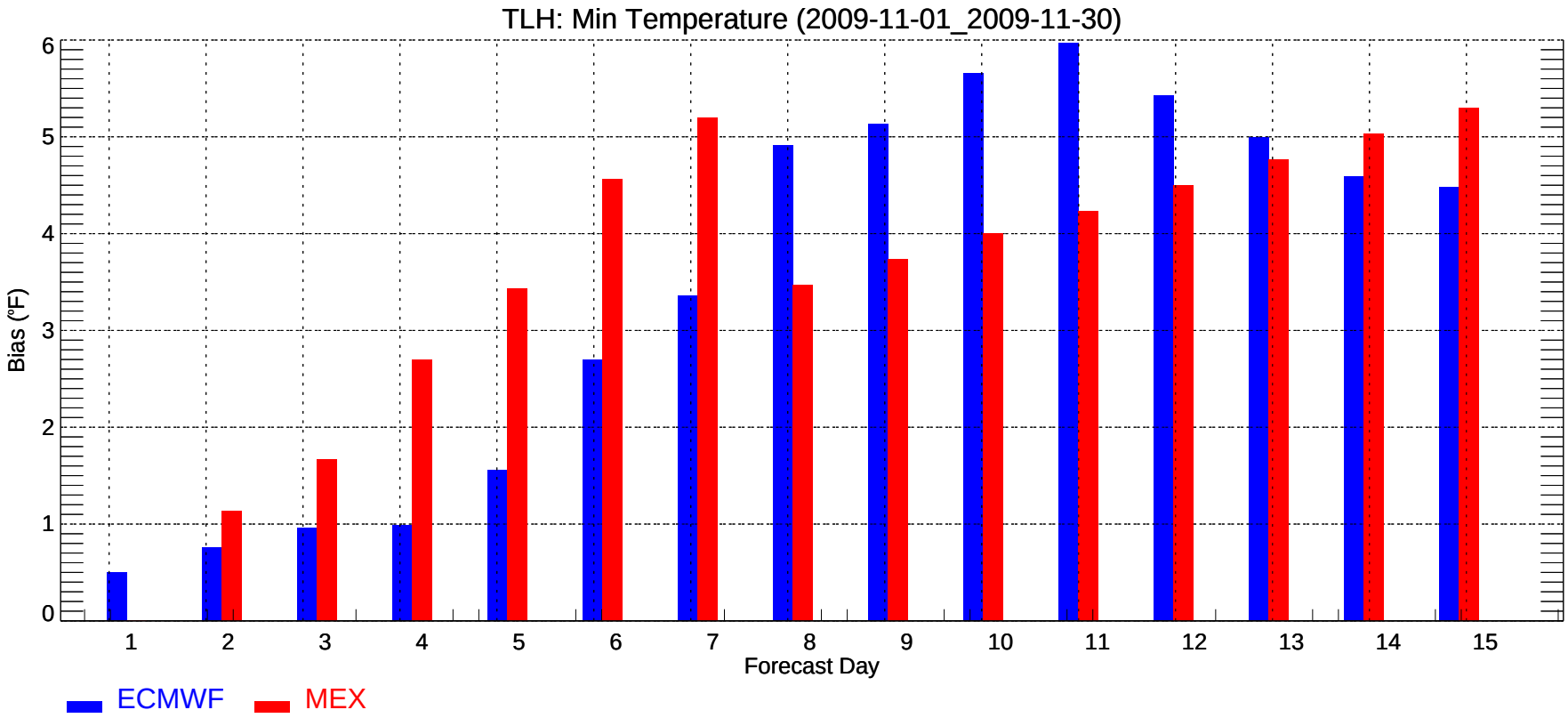
11
12
13
14
15
Forecast Day
ECMWF
MEX


TLH: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
1
2
3
4
5
6
1
2
3
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5
6
7
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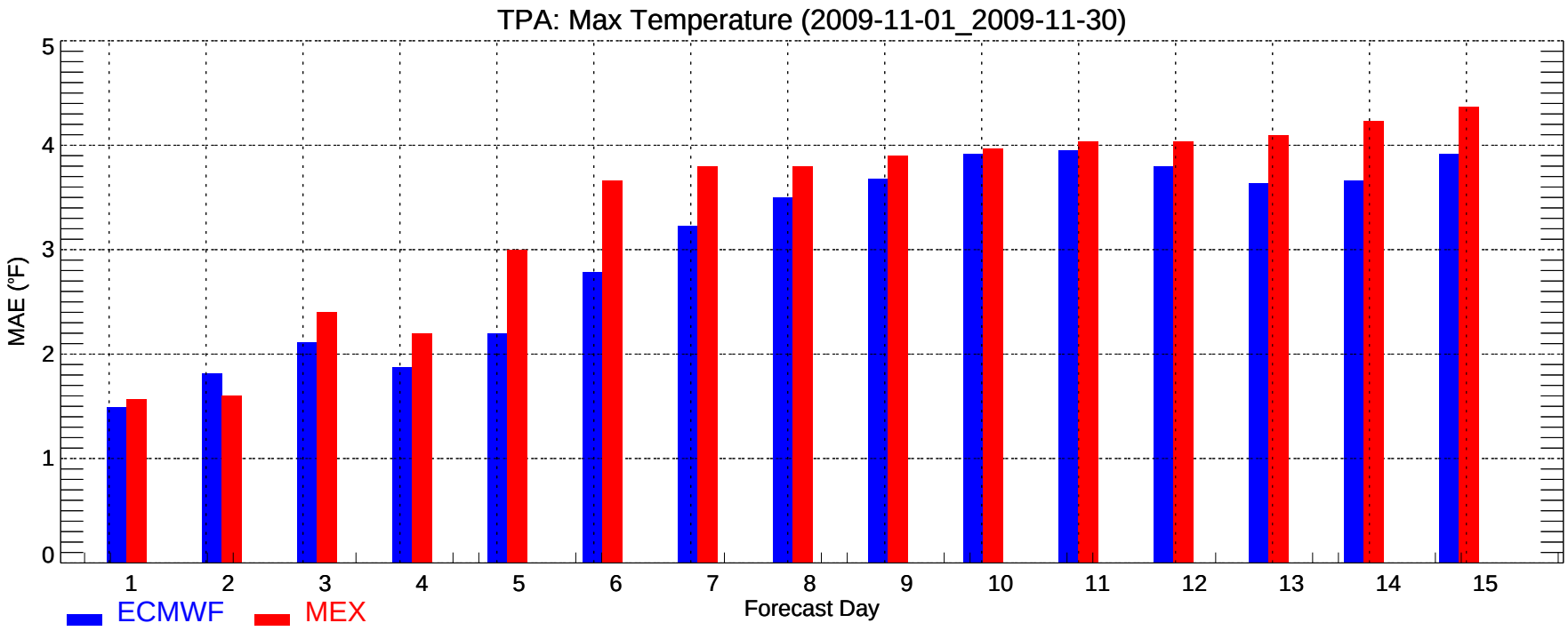
11
12
13
14
15
Forecast Day
ECMWF
MEX


TPA: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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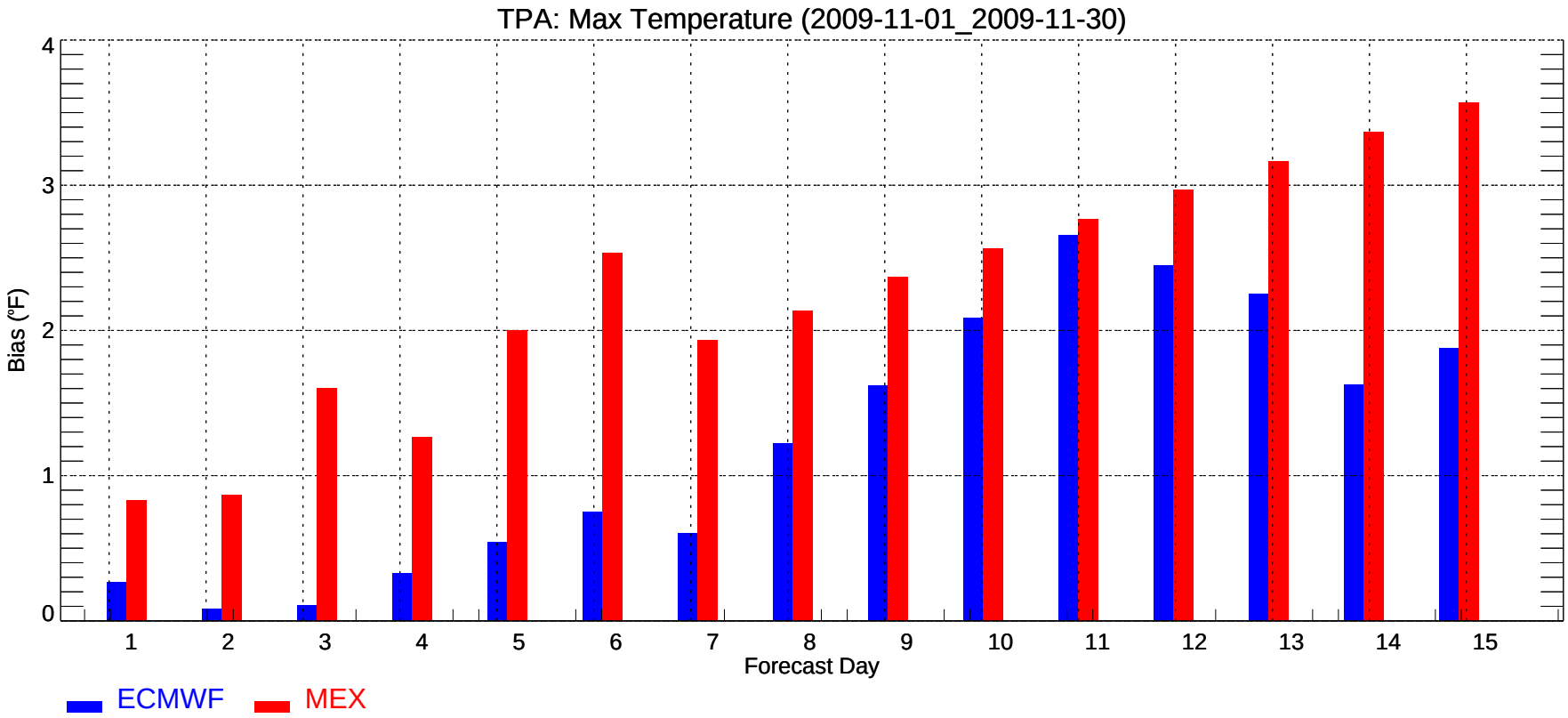
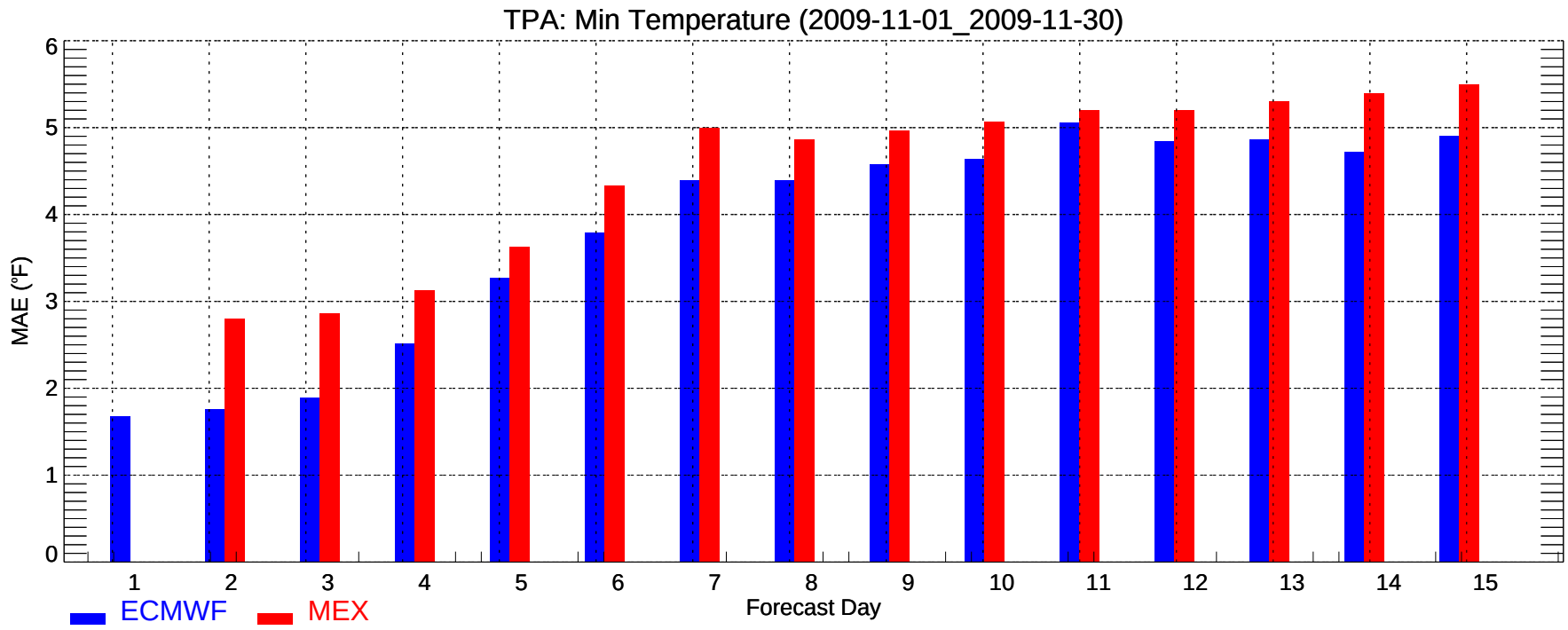
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TPA: Max Temperature (2009-11-01_2009-11-30)
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


TPA: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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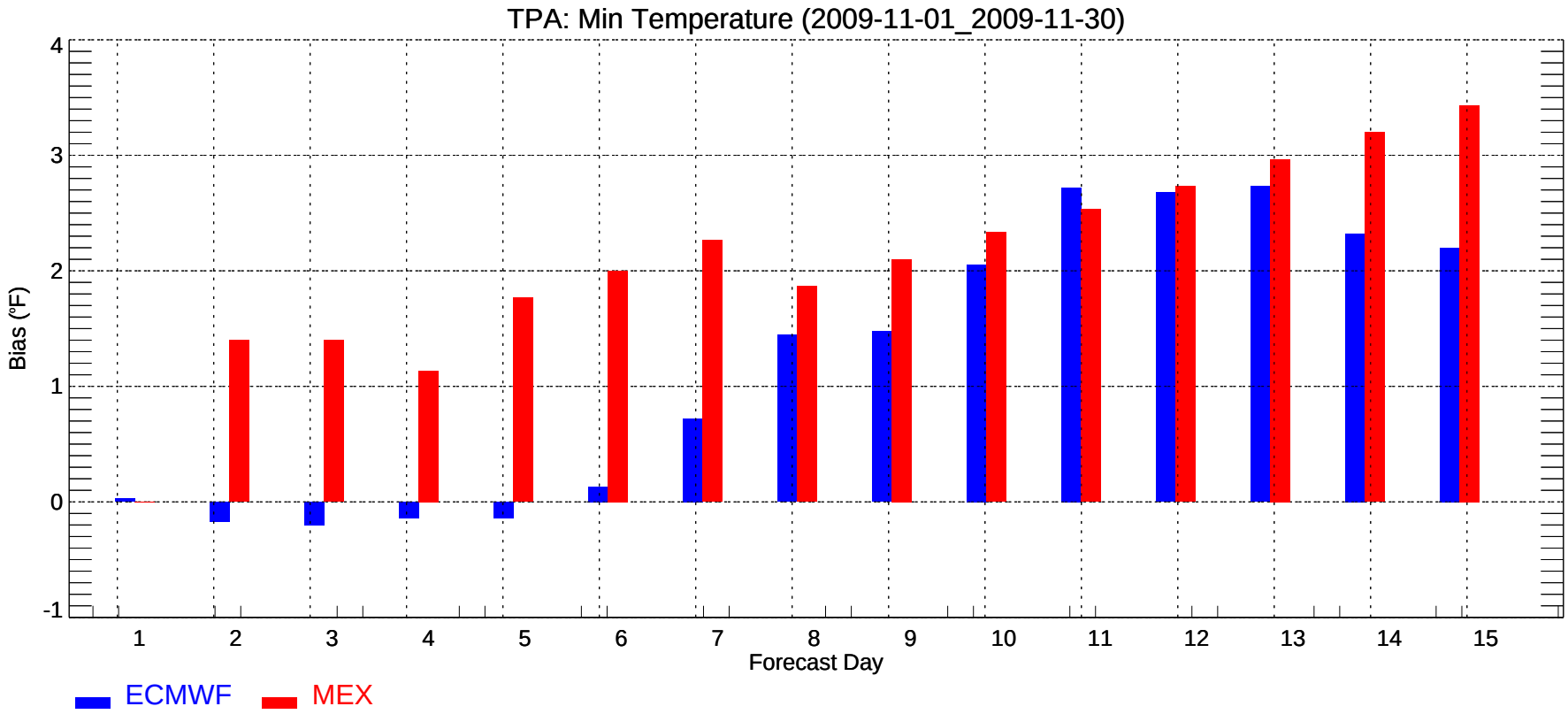
11
12
13
14
15
Forecast Day
ECMWF
MEX


TPA: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
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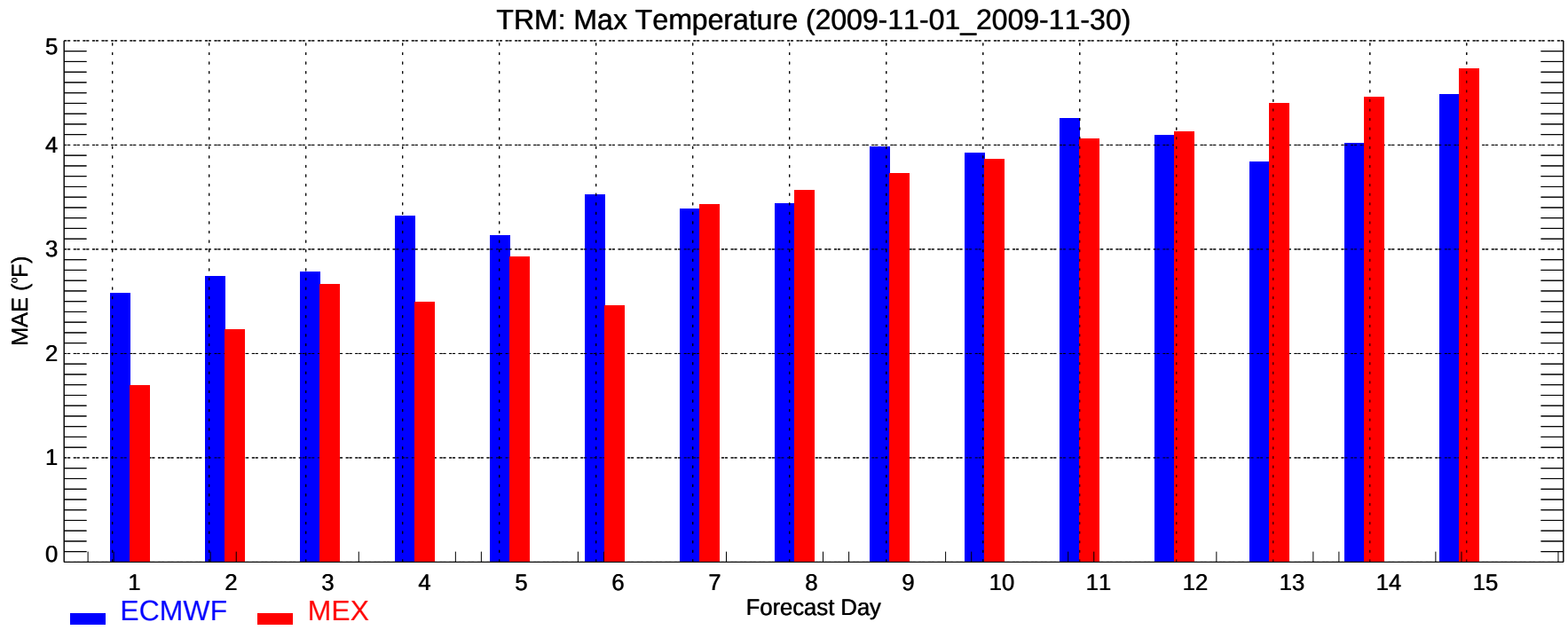
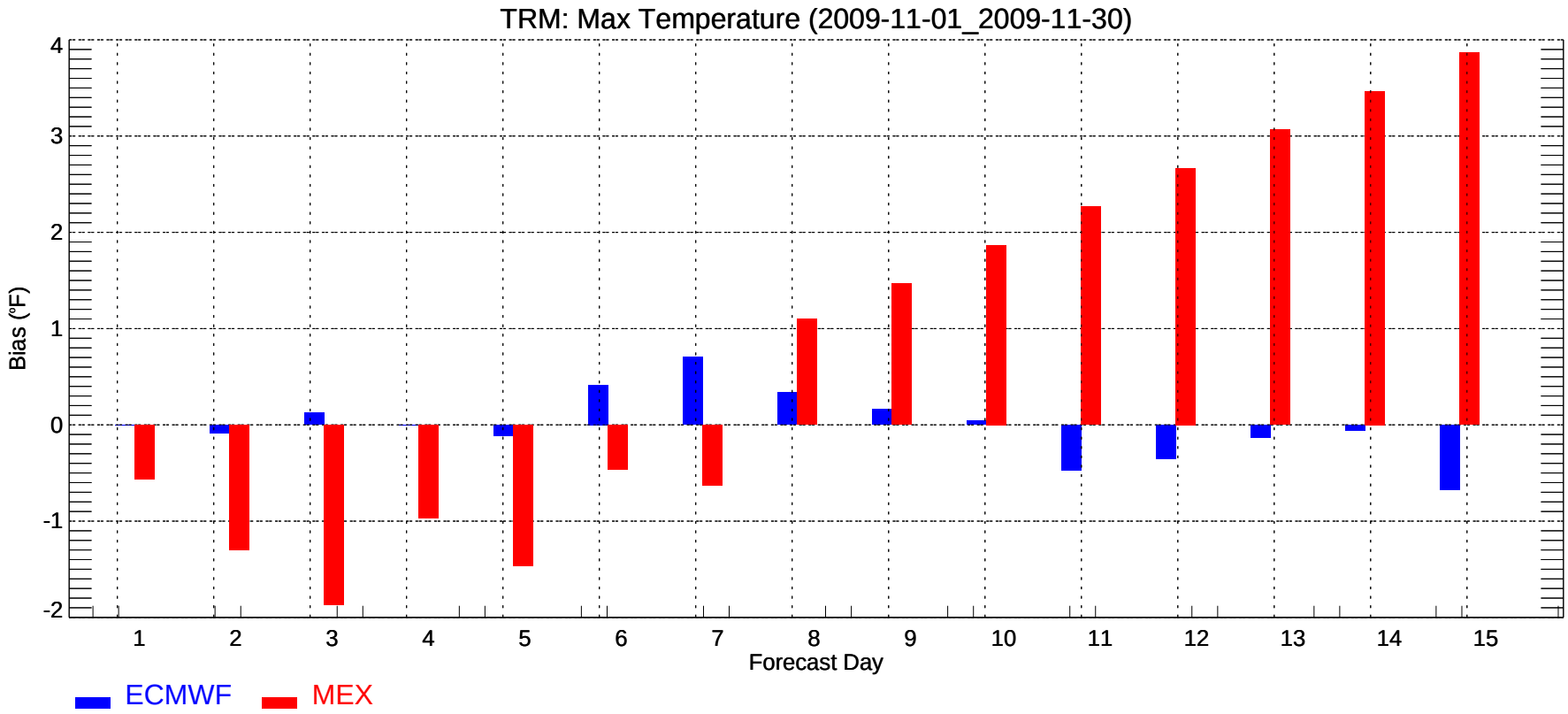
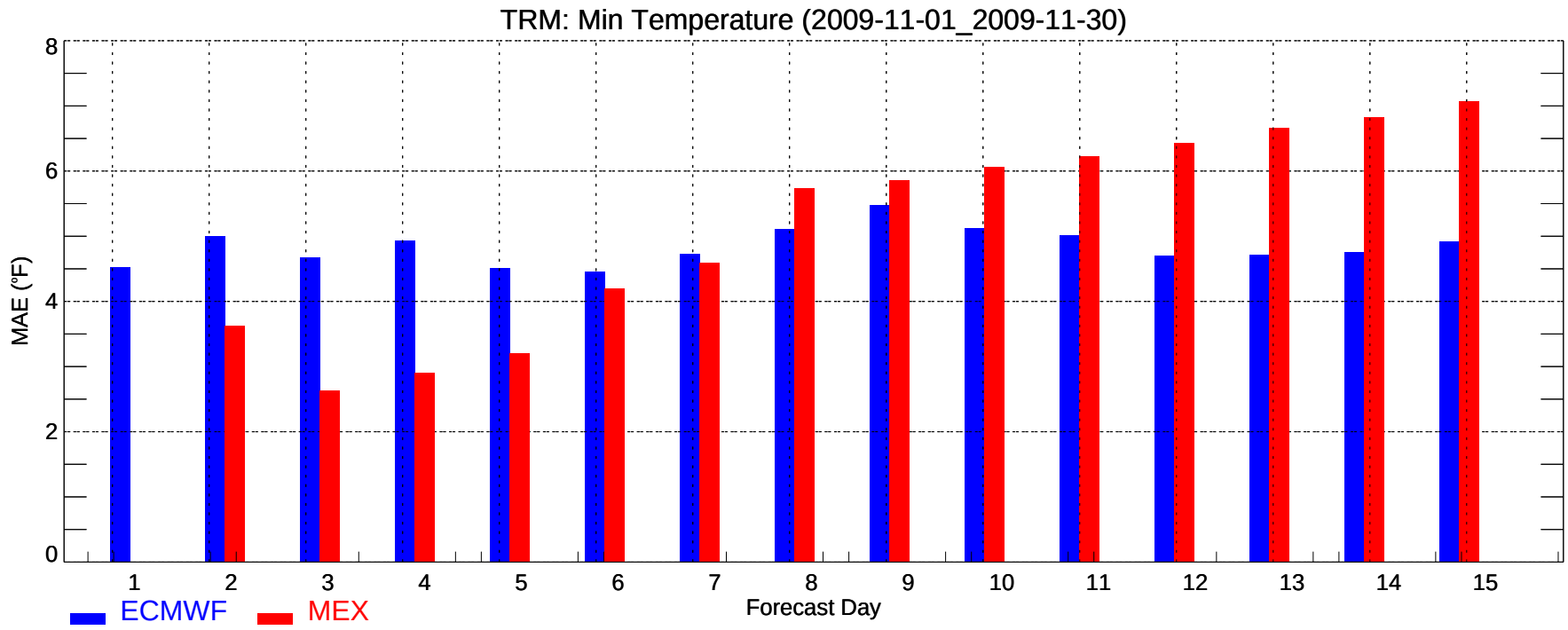
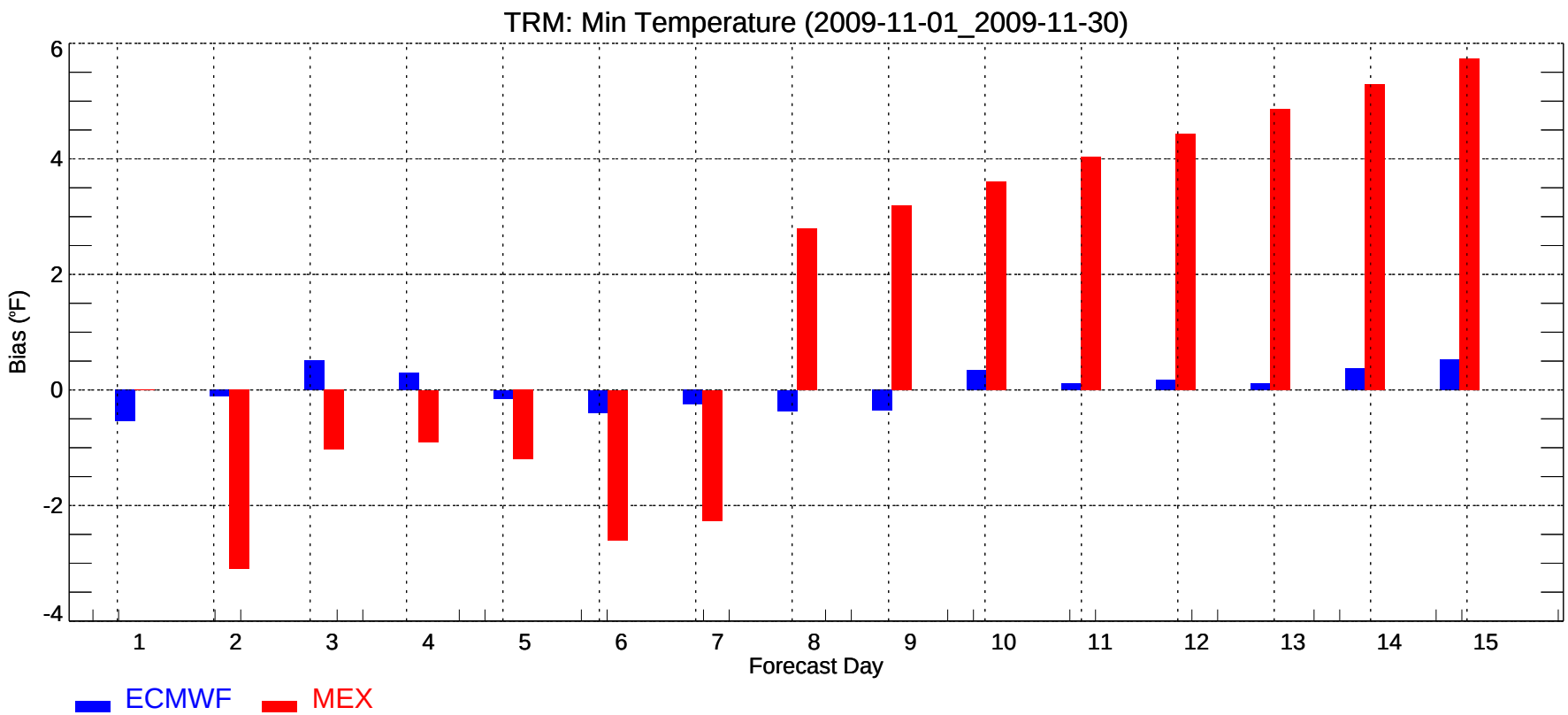
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TRM: Max Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
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


TRM: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TRM: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
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11
12
13
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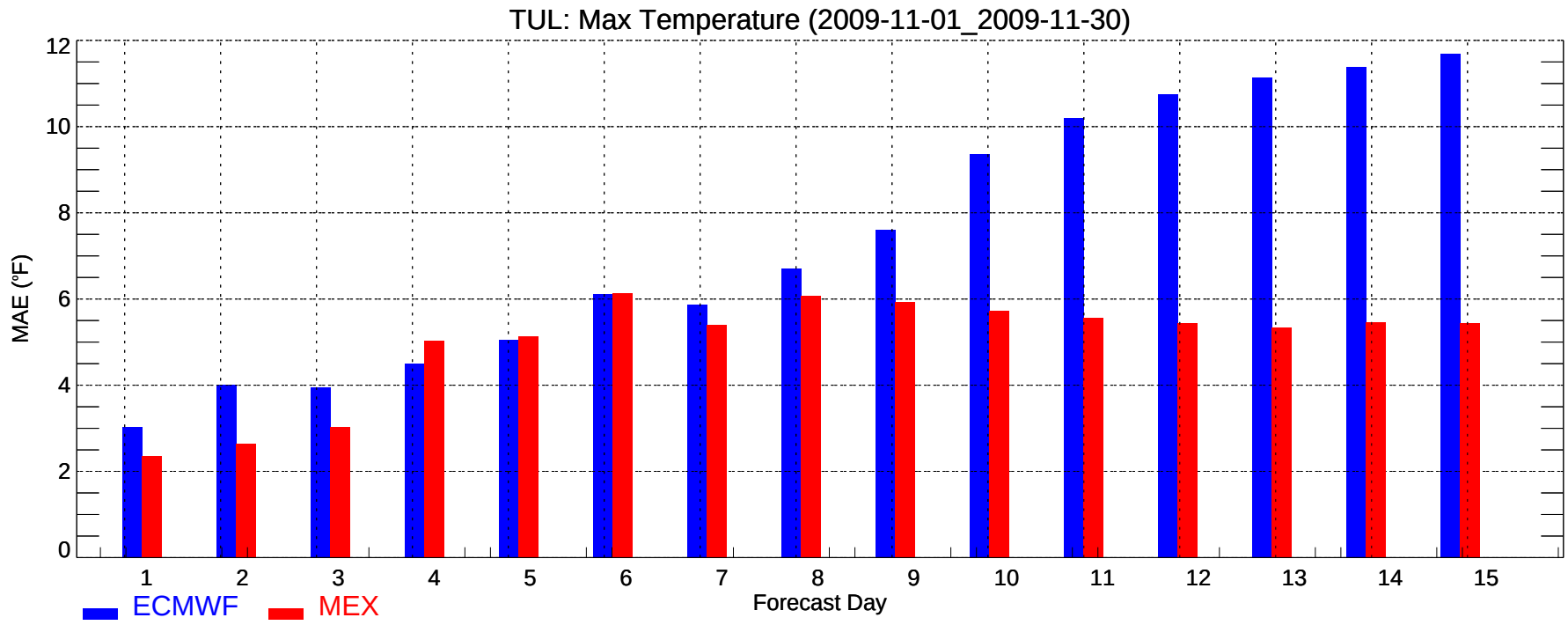
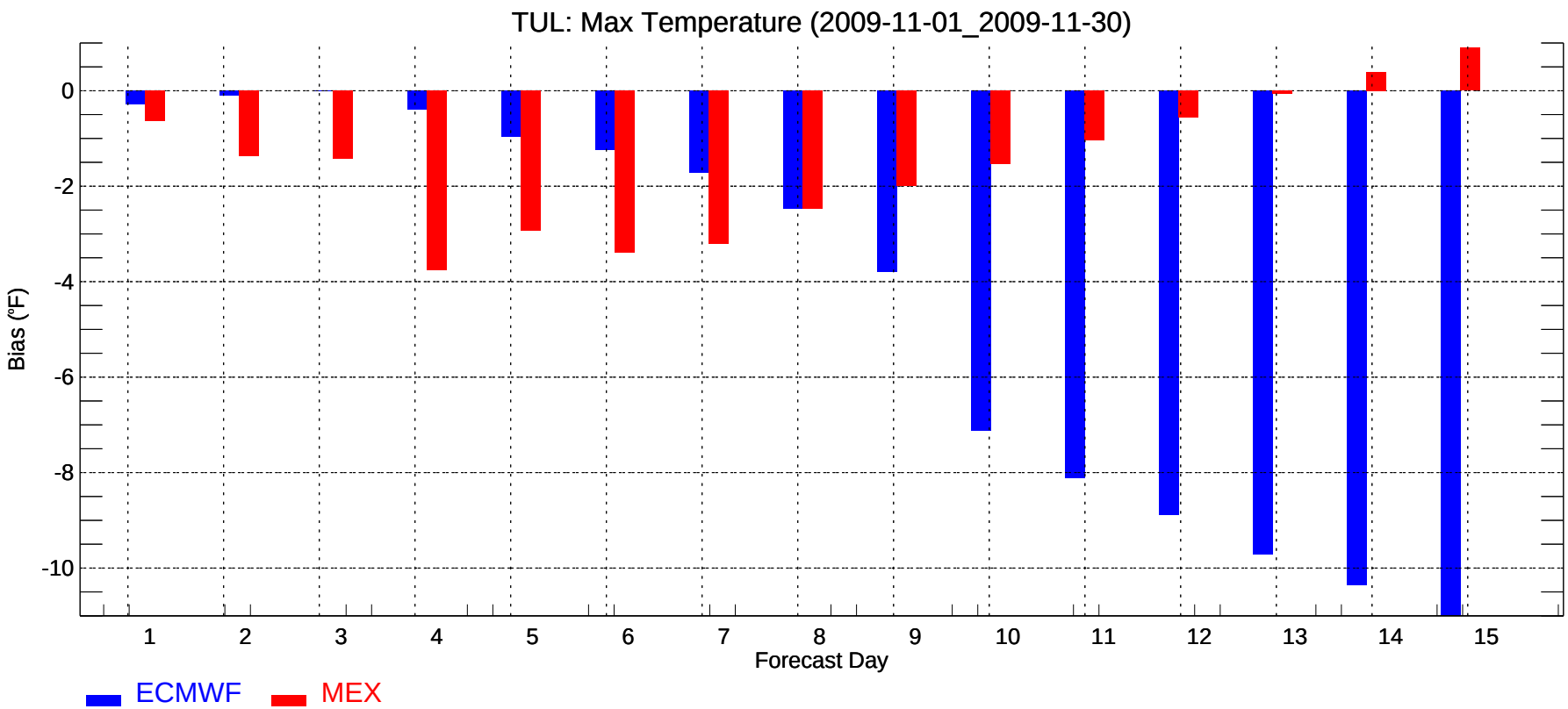
Forecast Day
ECMWF
MEX


TUL: Max Temperature (2009-11-01_2009-11-30)
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


TUL: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
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8
9
10
11
12
13
14
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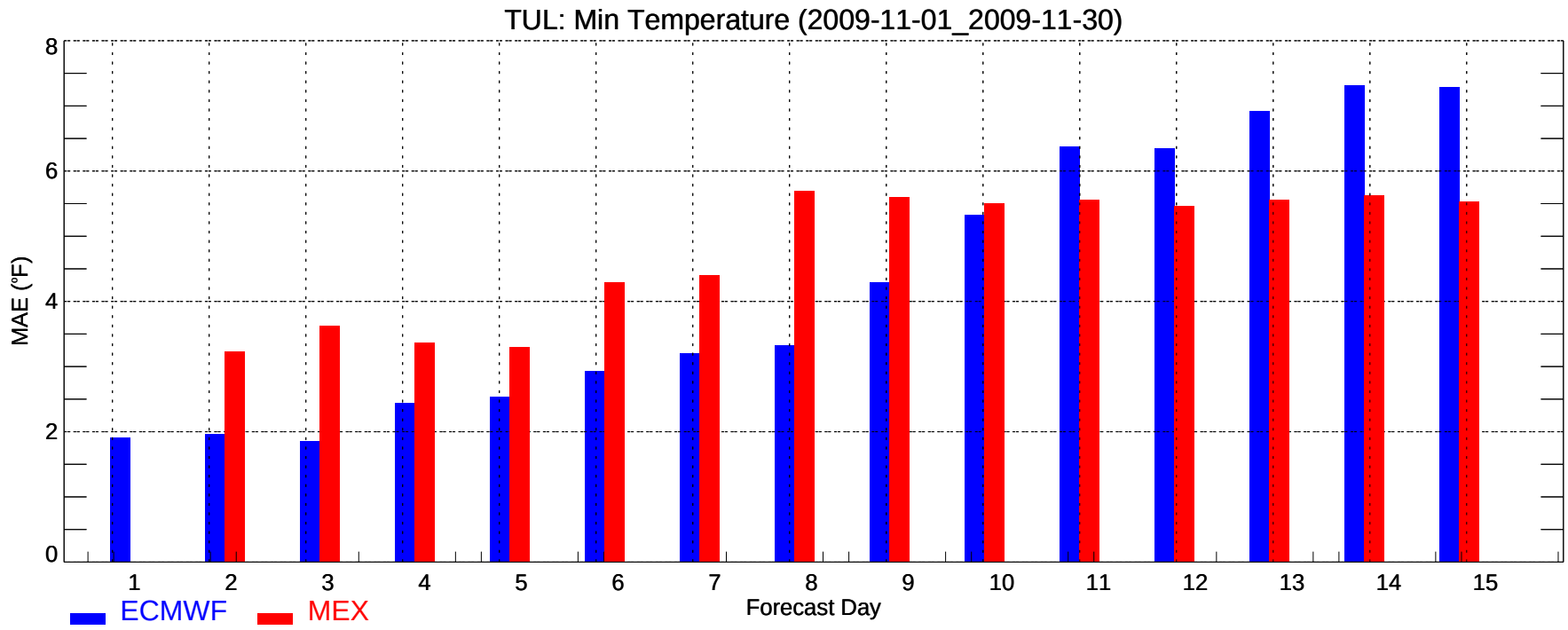
Forecast Day
ECMWF
MEX


TUL: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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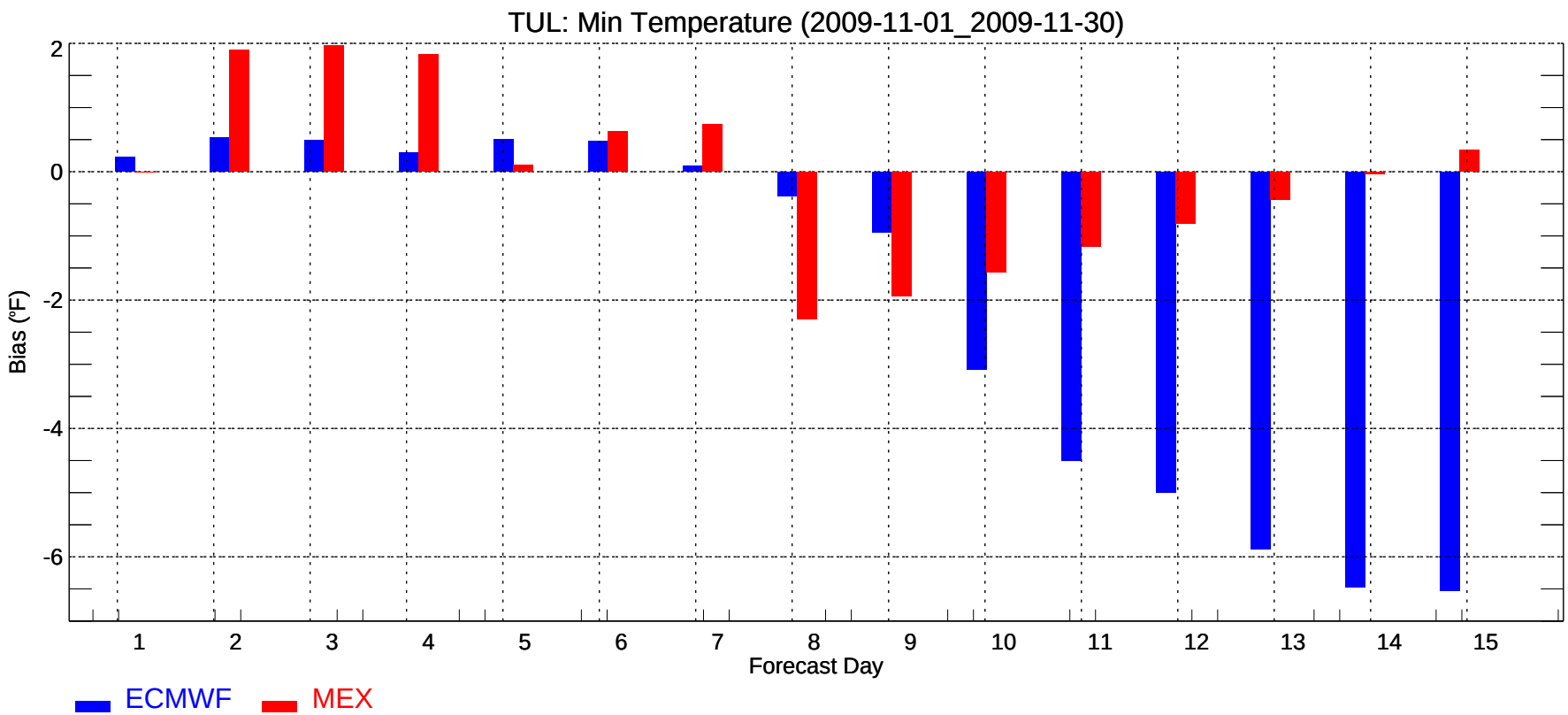
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUL: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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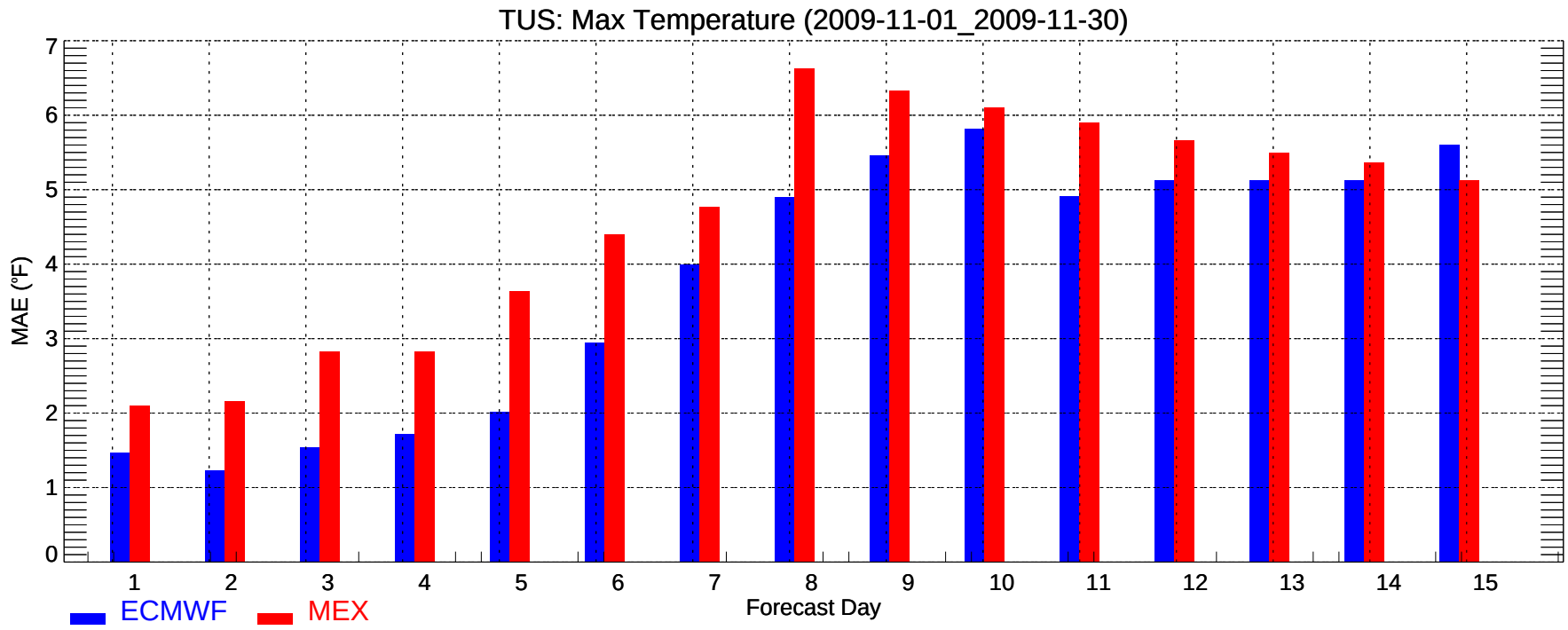
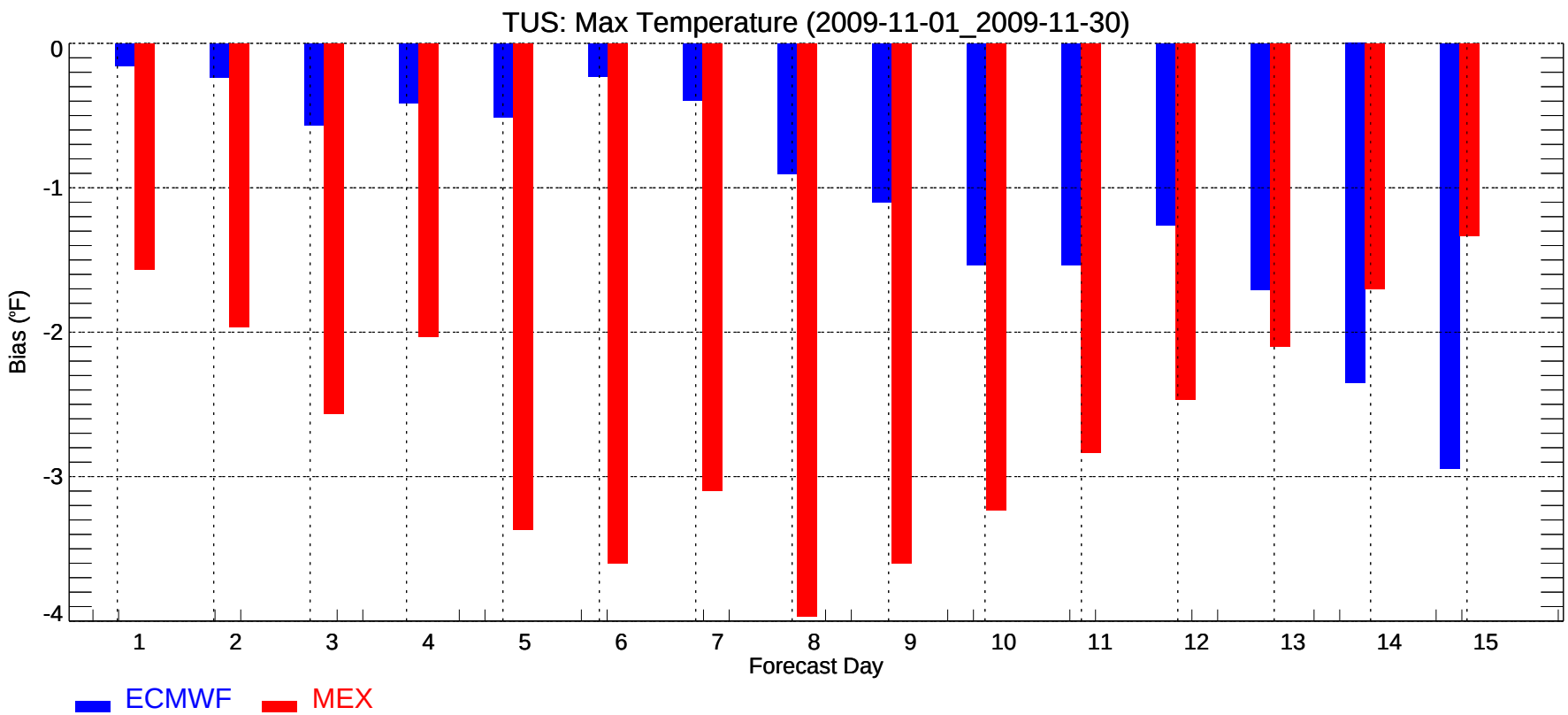
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUS: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUS: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
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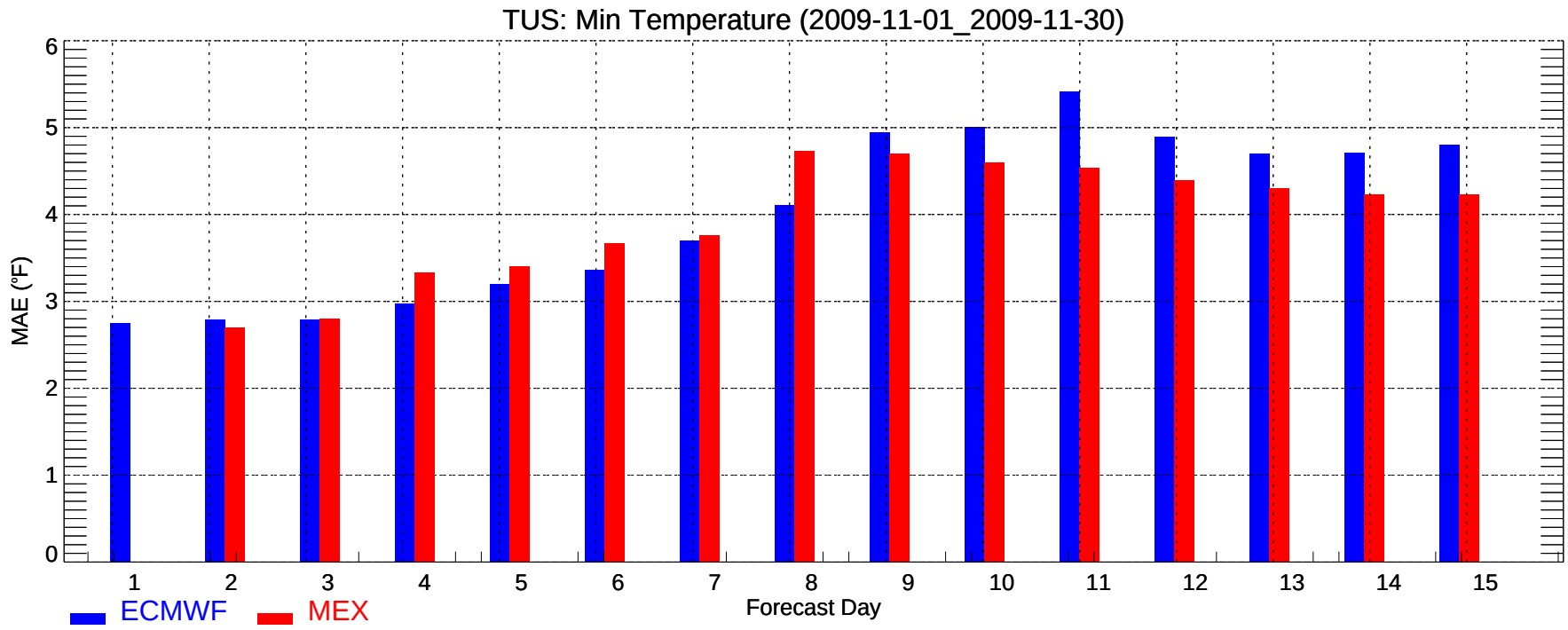
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUS: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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10
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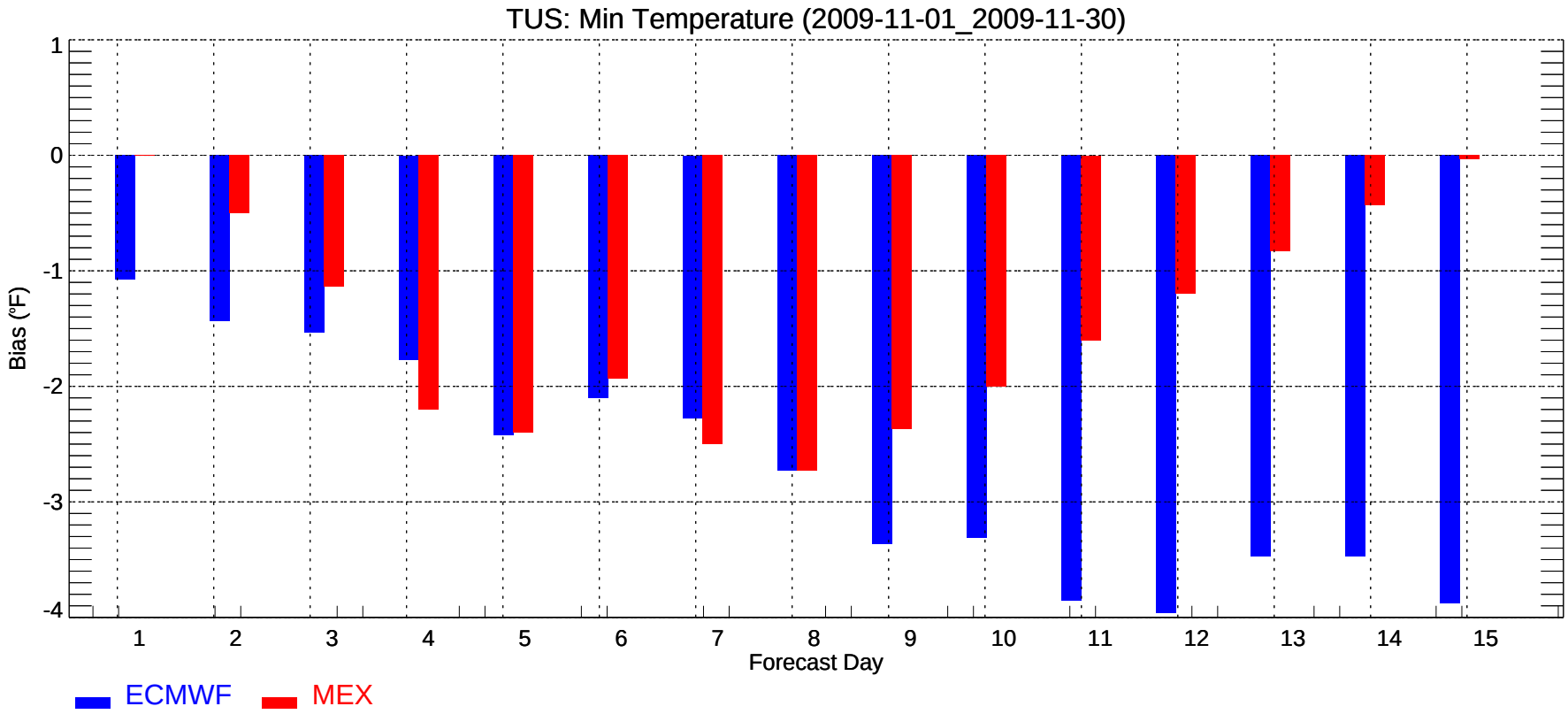
12
13
14
15
Forecast Day
ECMWF
MEX


TUS: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
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8
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10
11
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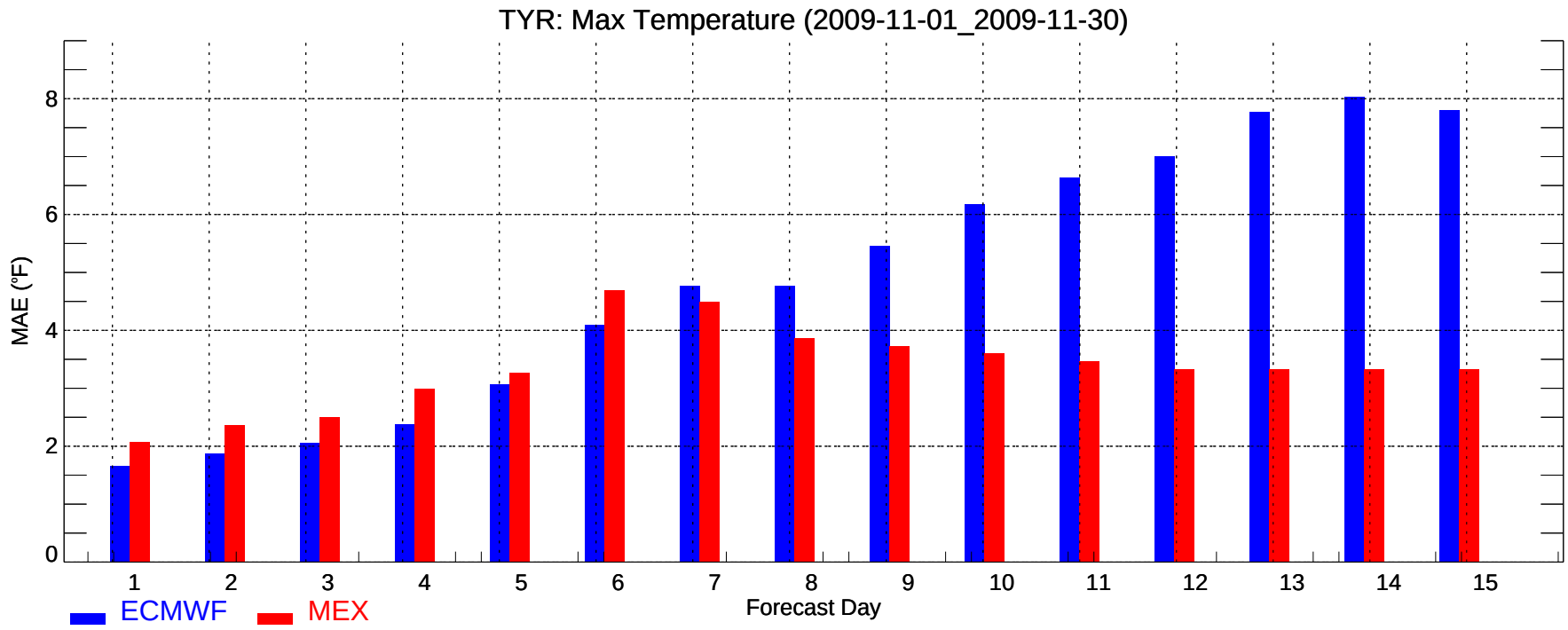
13
14
15
Forecast Day
ECMWF
MEX


TYR: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
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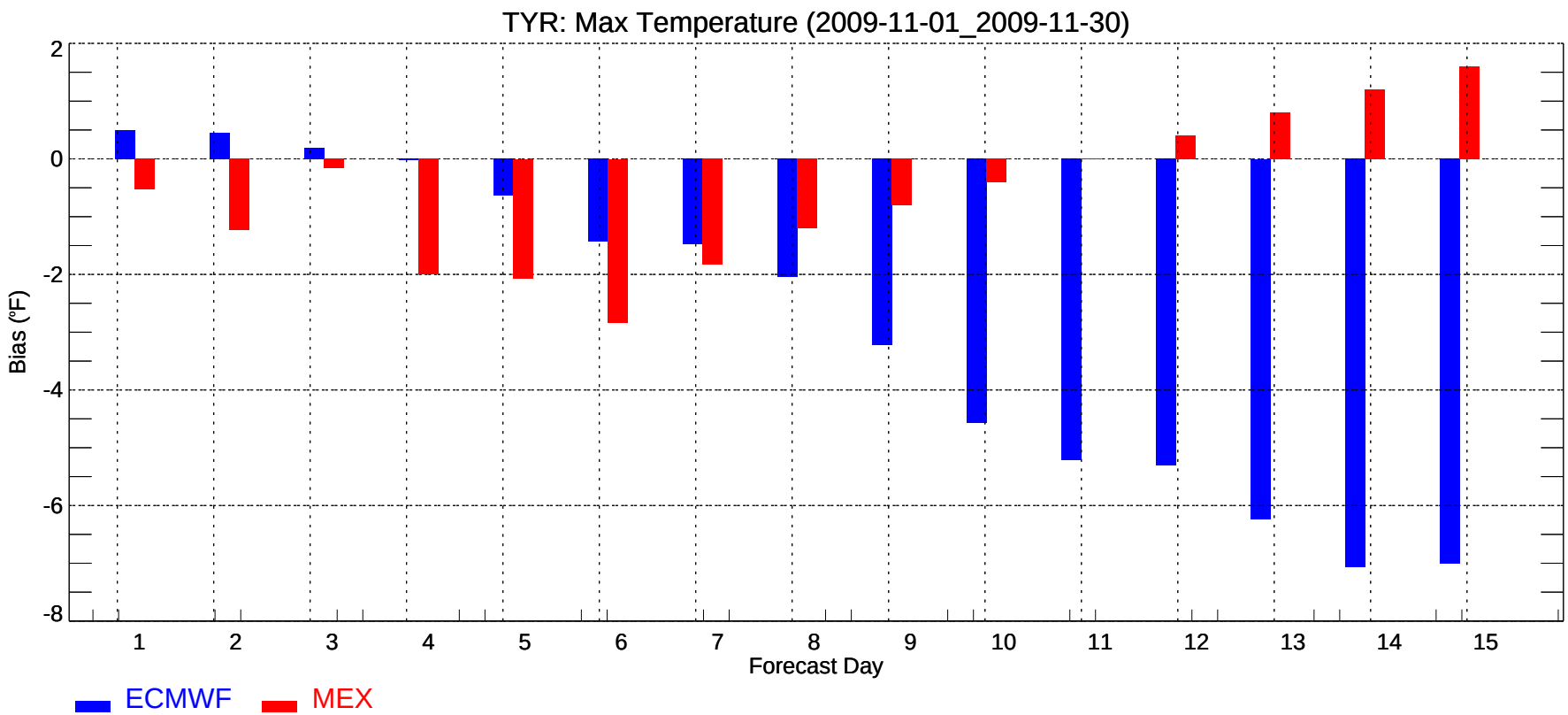
12
13
14
15
Forecast Day
ECMWF
MEX


TYR: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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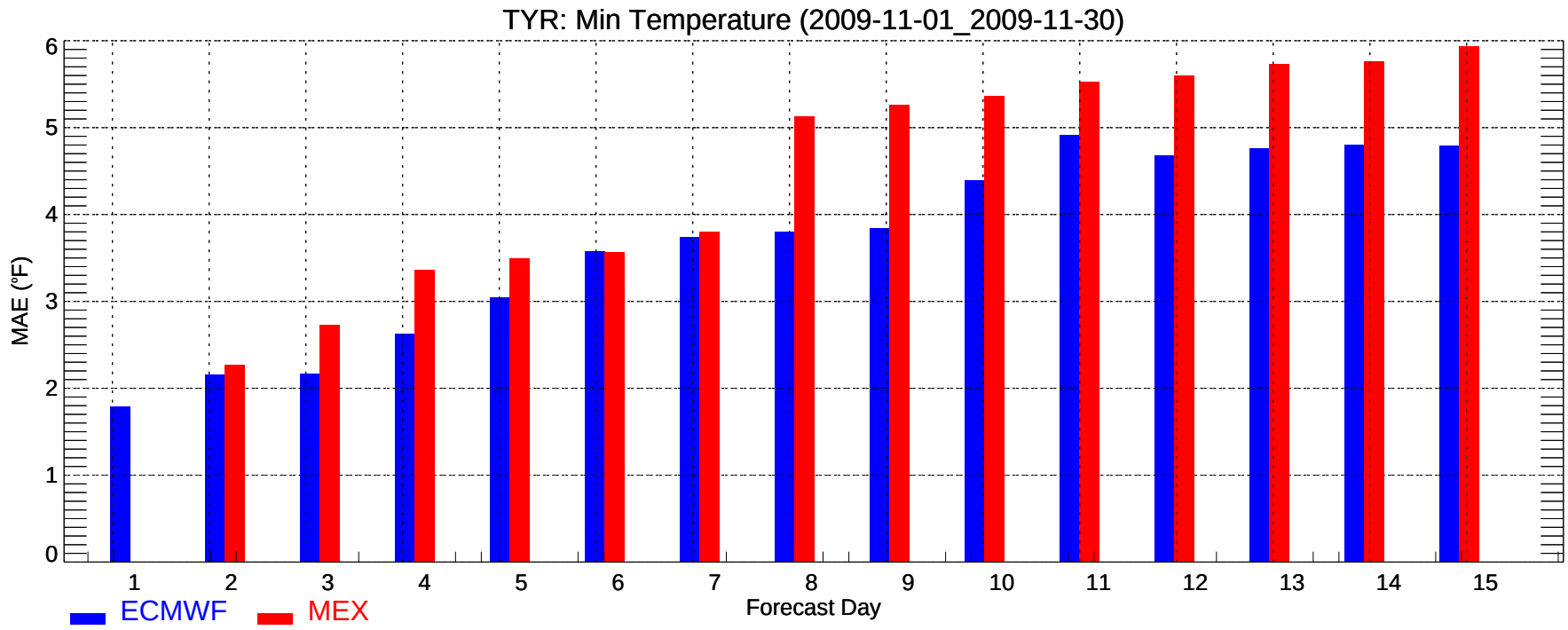
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TYR: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
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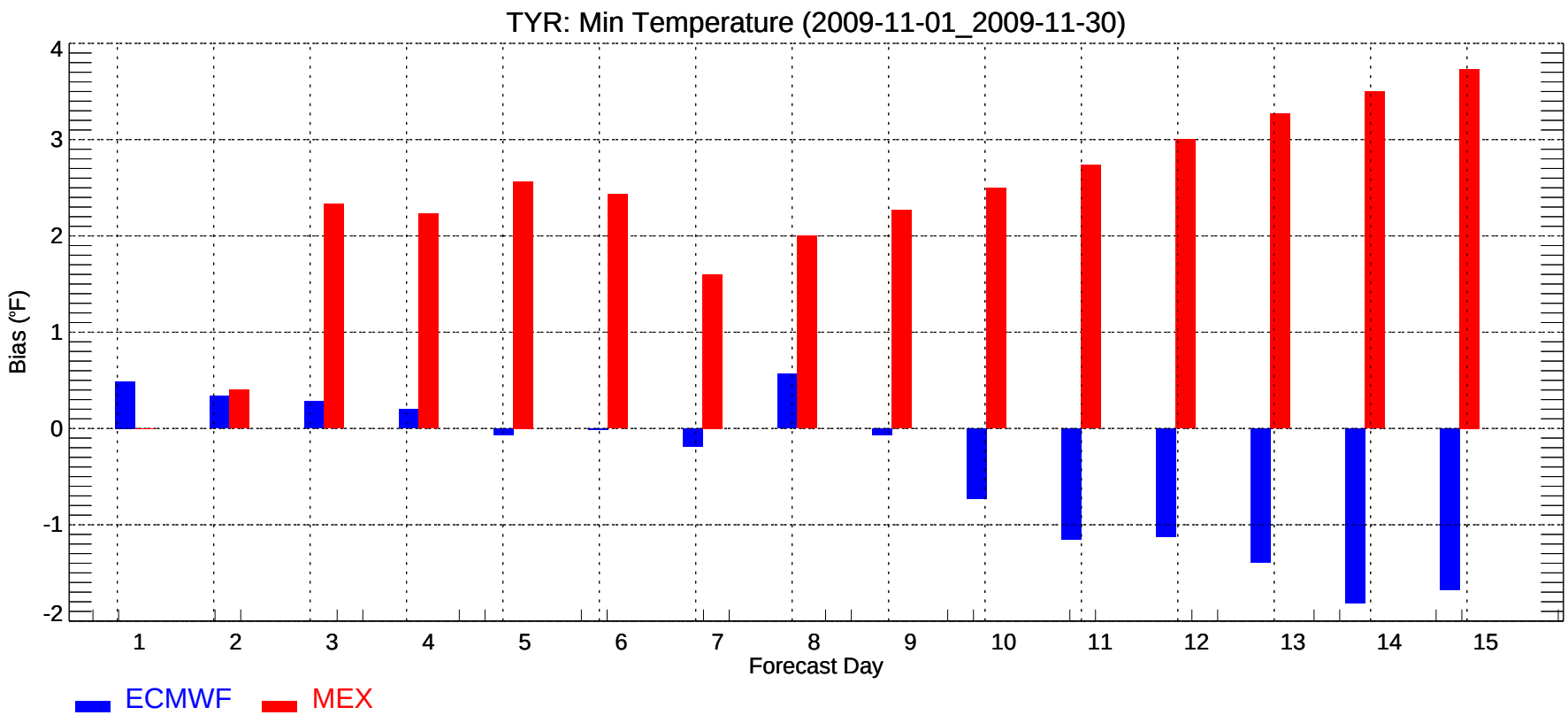
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TYR: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
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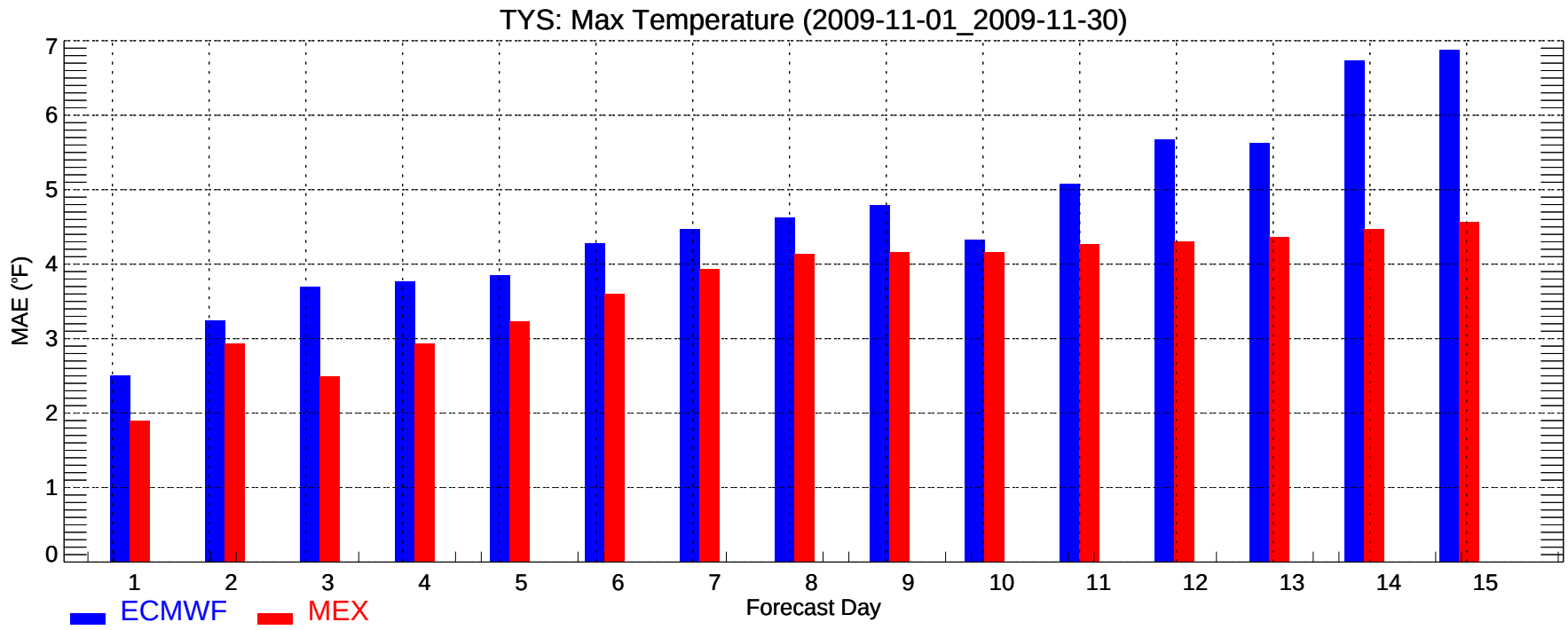
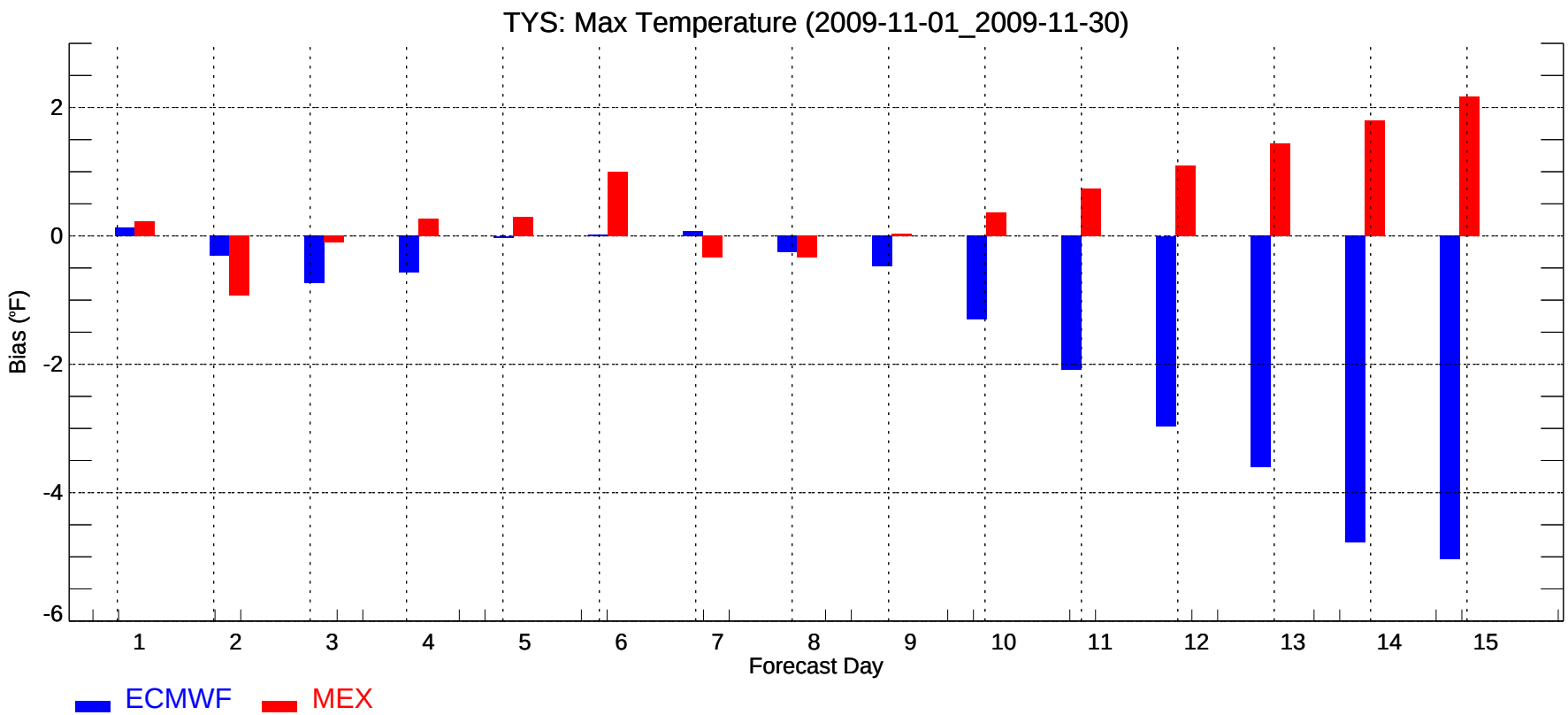
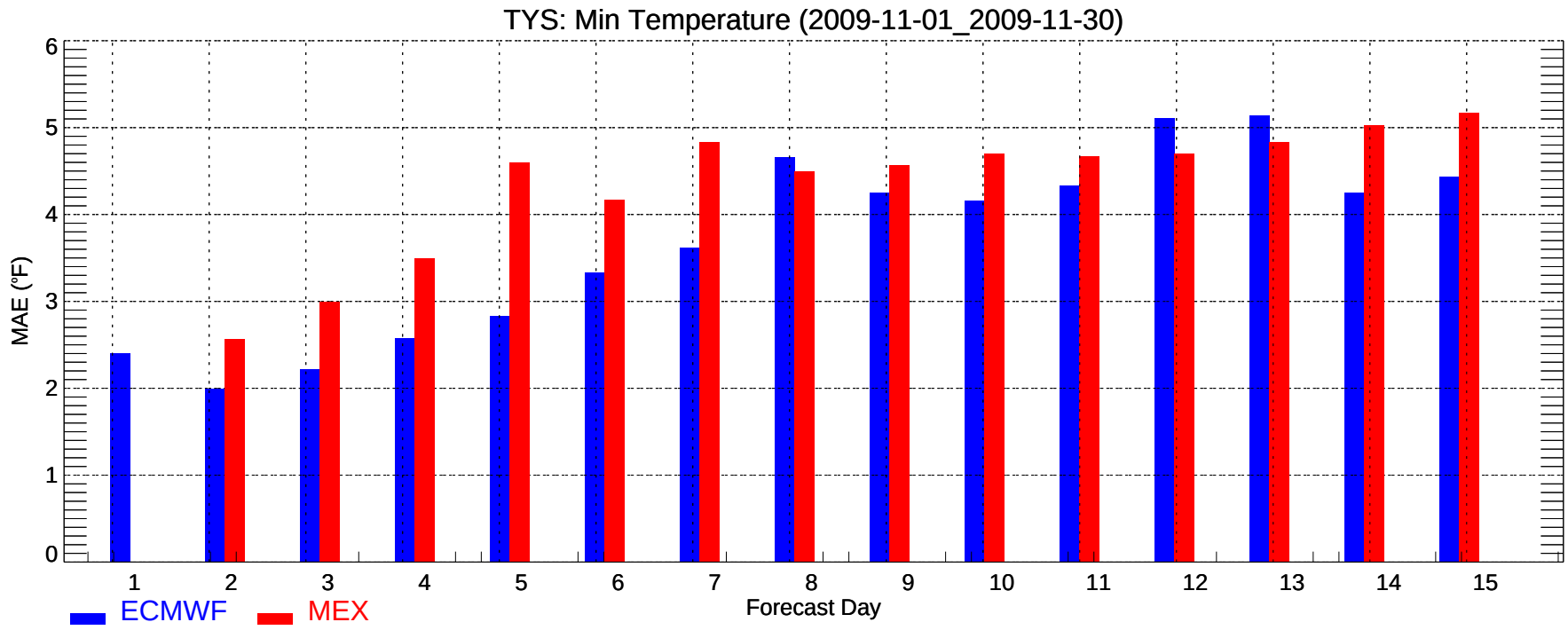
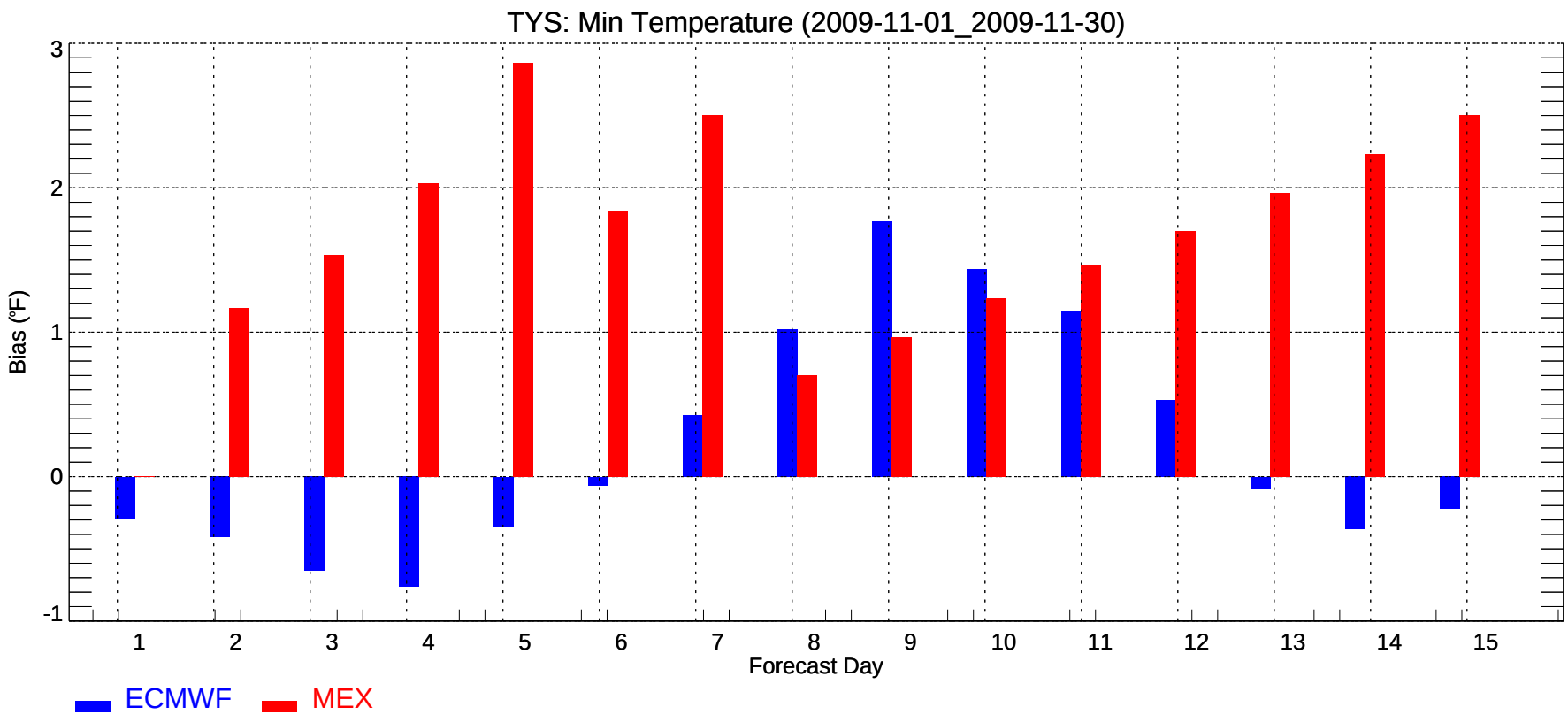
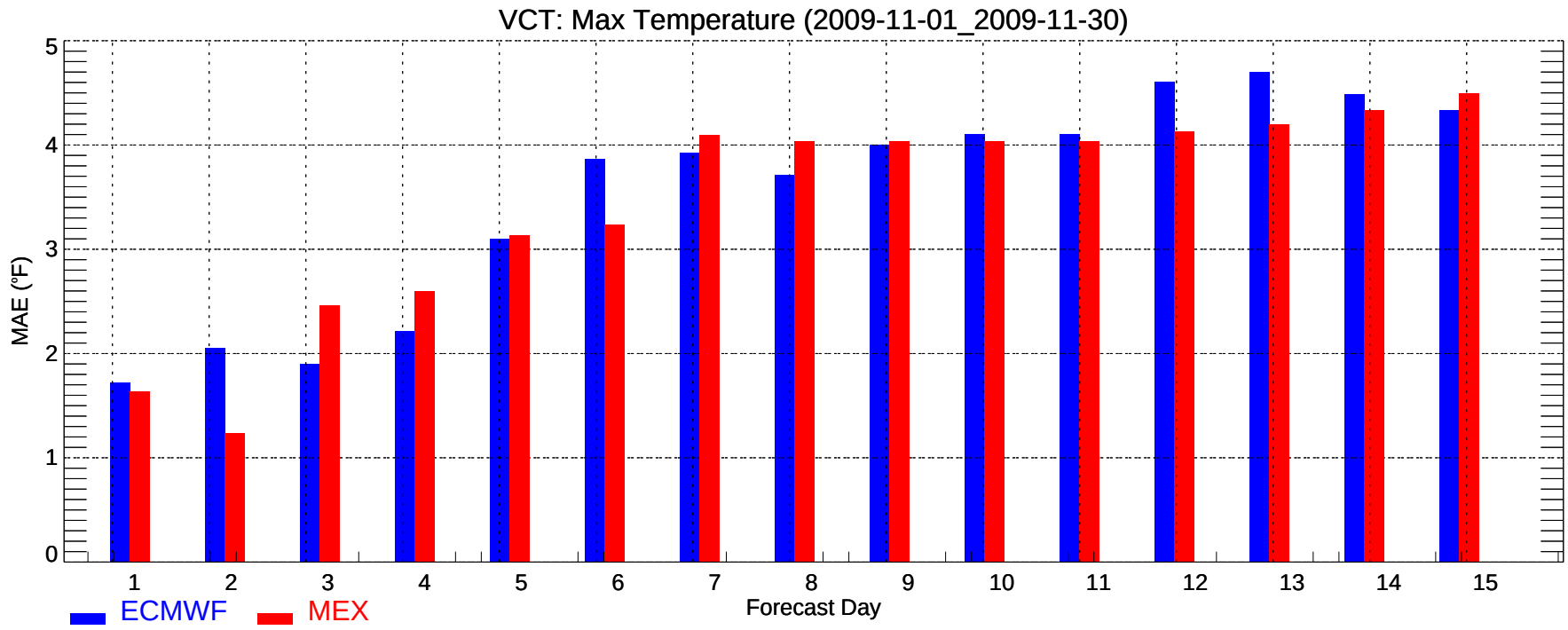
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

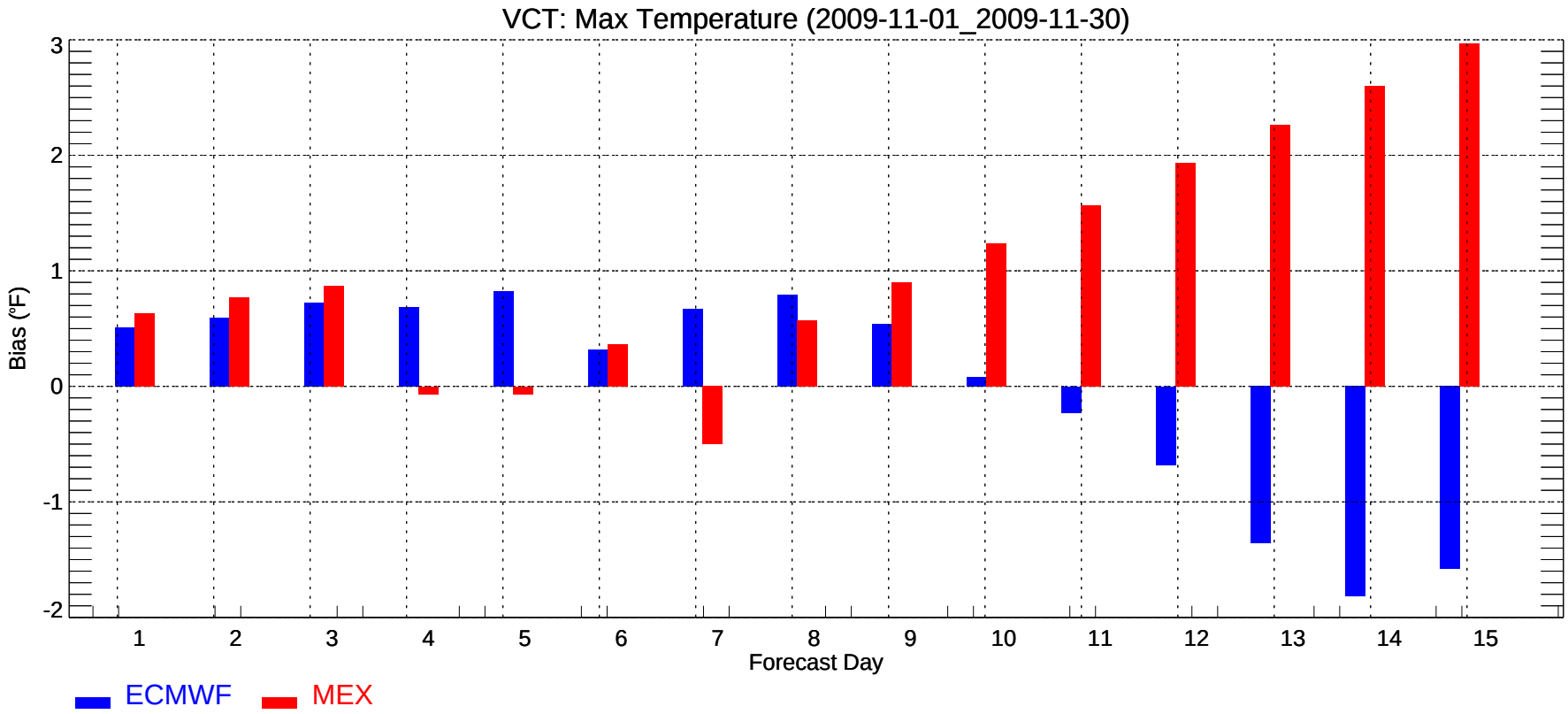

TYS: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

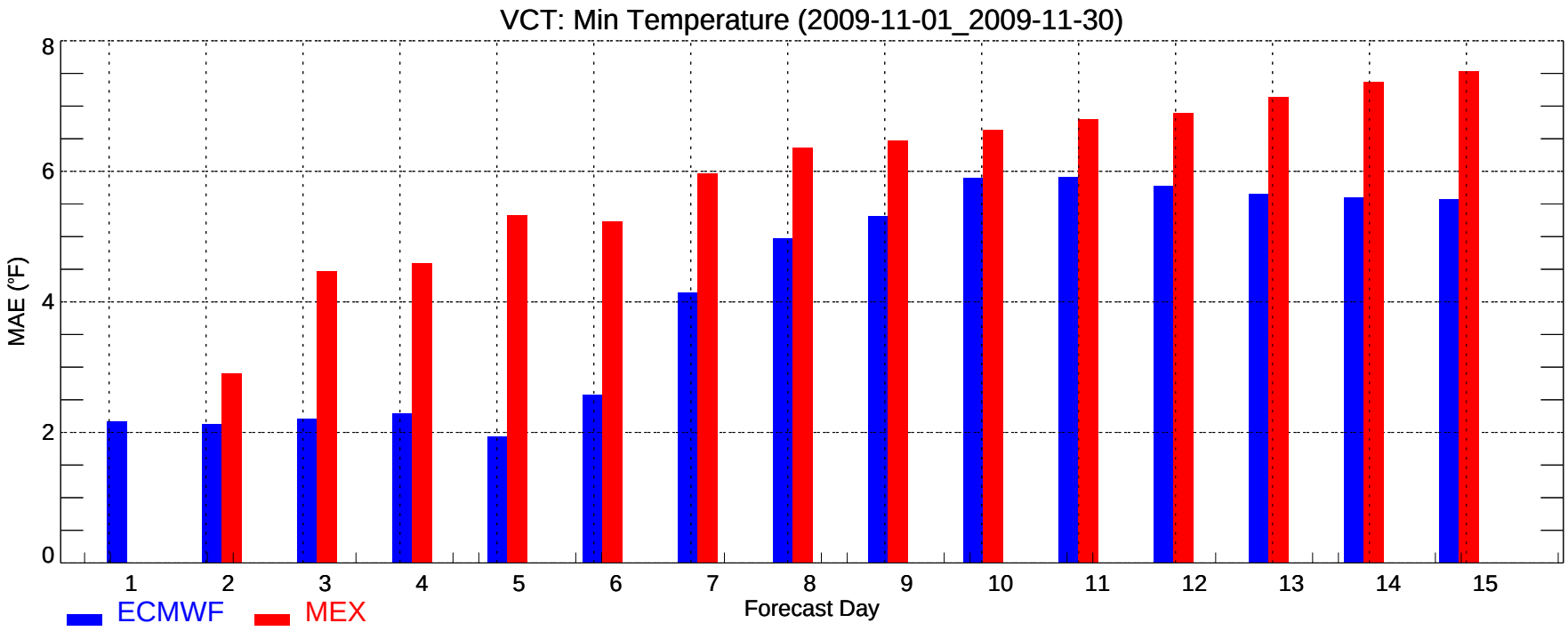

TYS: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

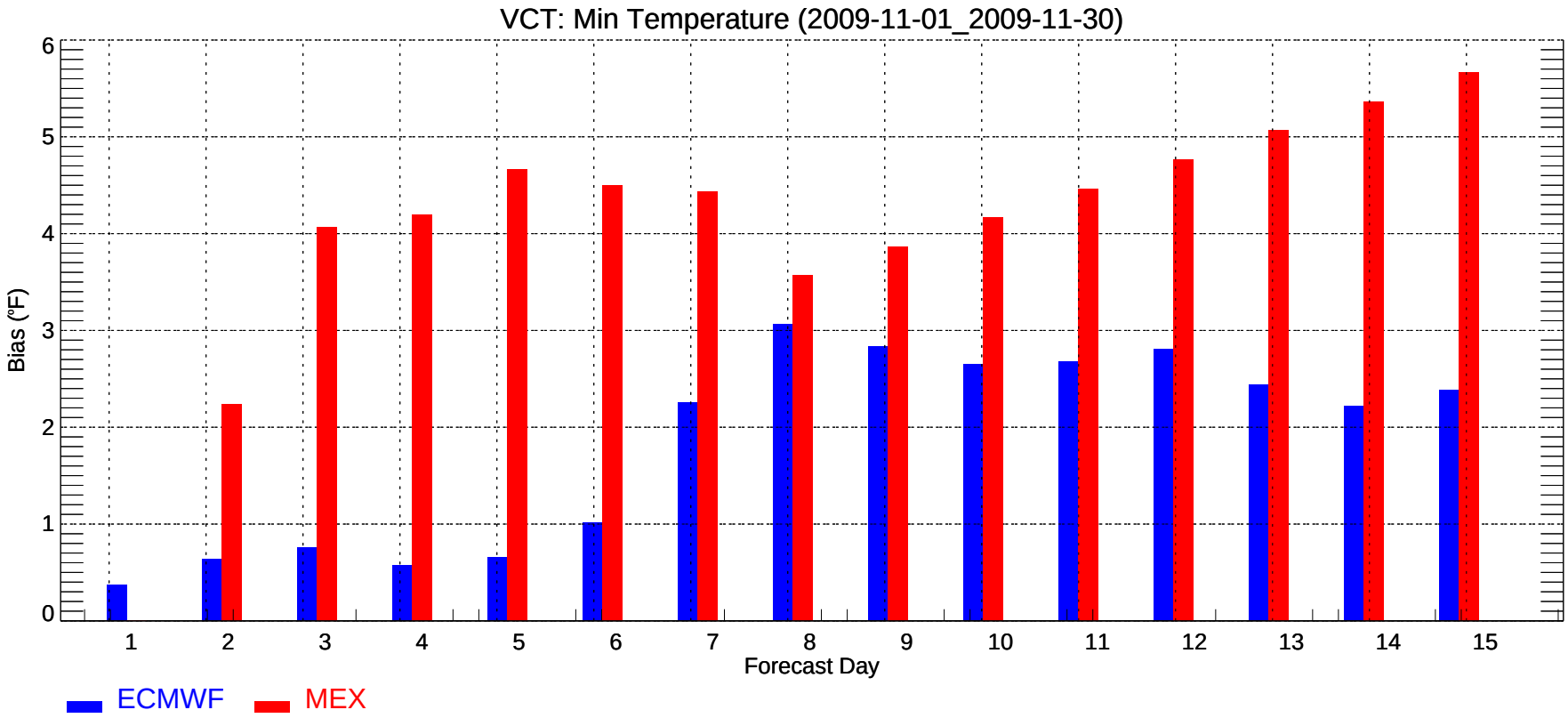

TYS: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TYS: Min Temperature (2009-11-01_2009-11-30)
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


VCT: Max Temperature (2009-11-01_2009-11-30)
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


VCT: Max Temperature (2009-11-01_2009-11-30)
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


VCT: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


VCT: Min Temperature (2009-11-01_2009-11-30)
Bias (°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
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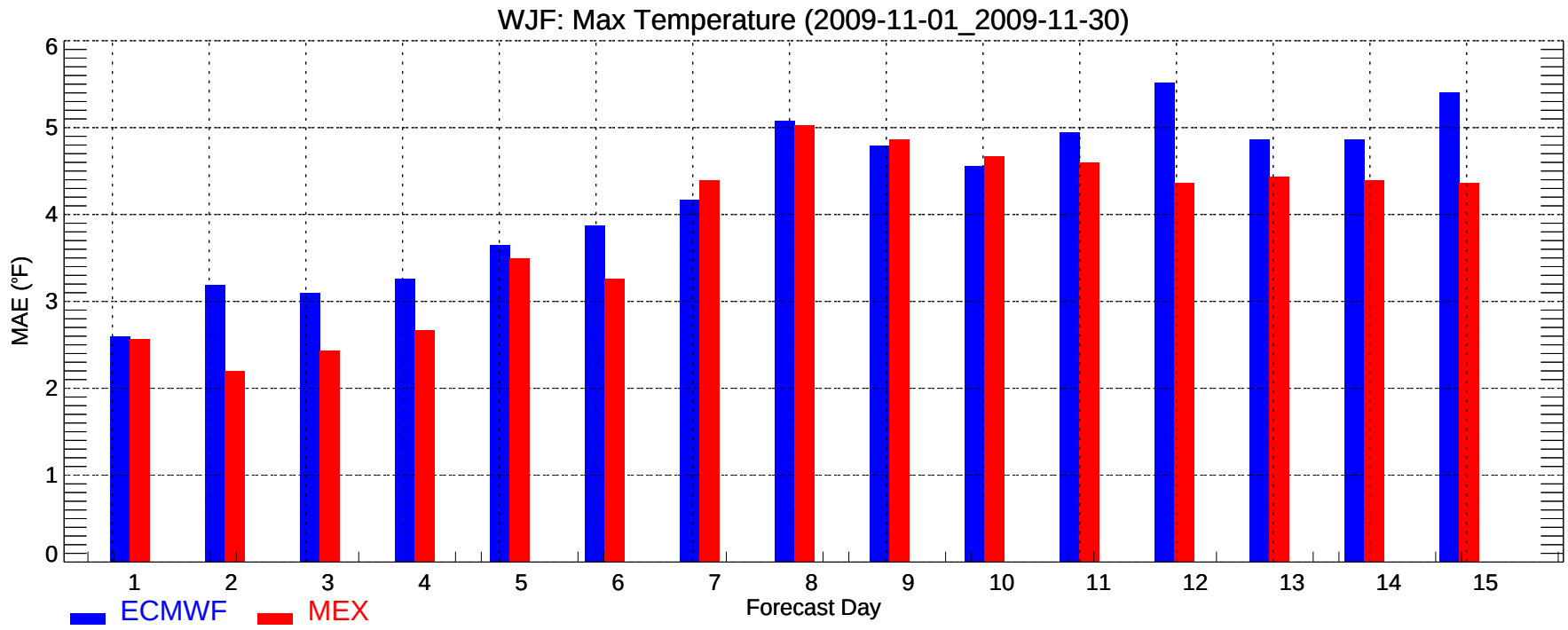
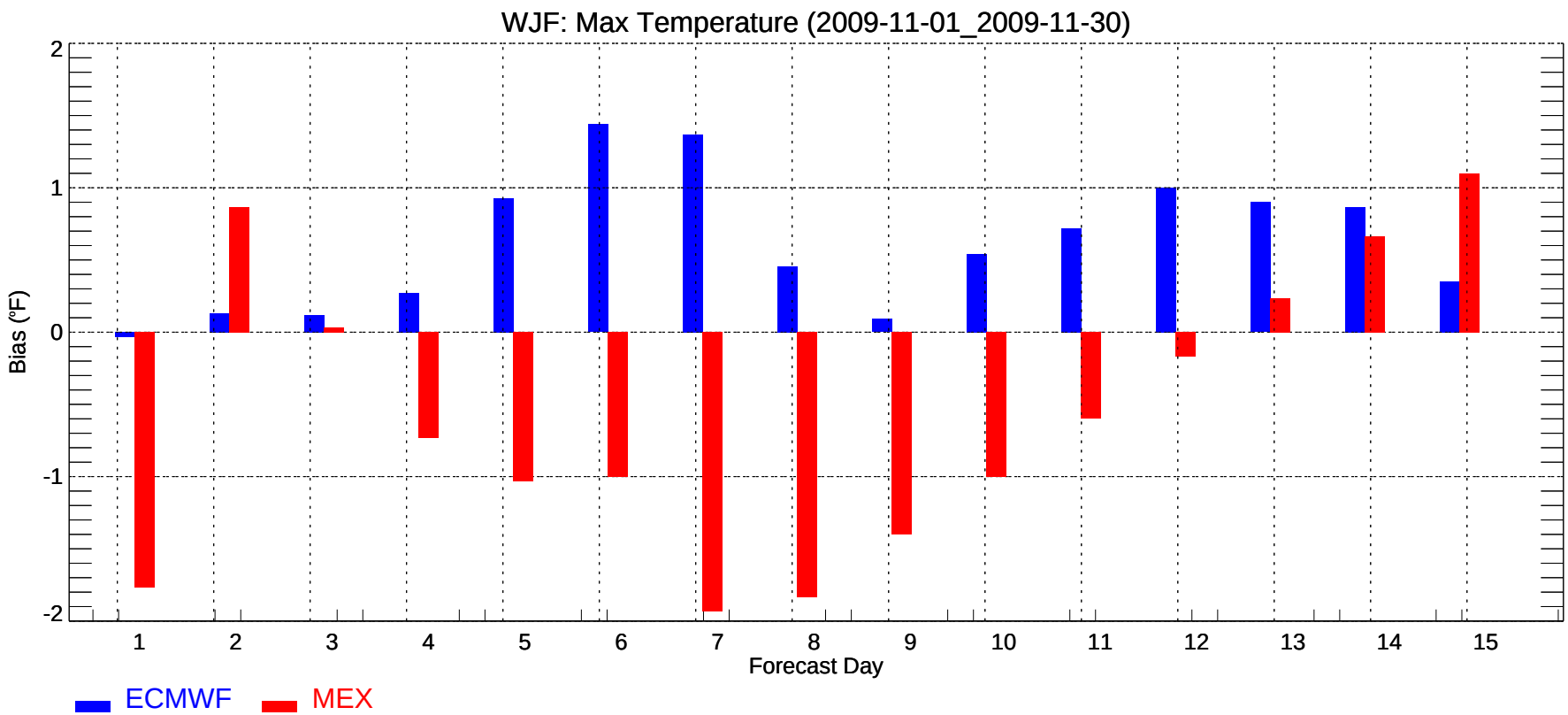
Forecast Day
ECMWF
MEX


WJF: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


WJF: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
1
2
3
4
5
6
7
8
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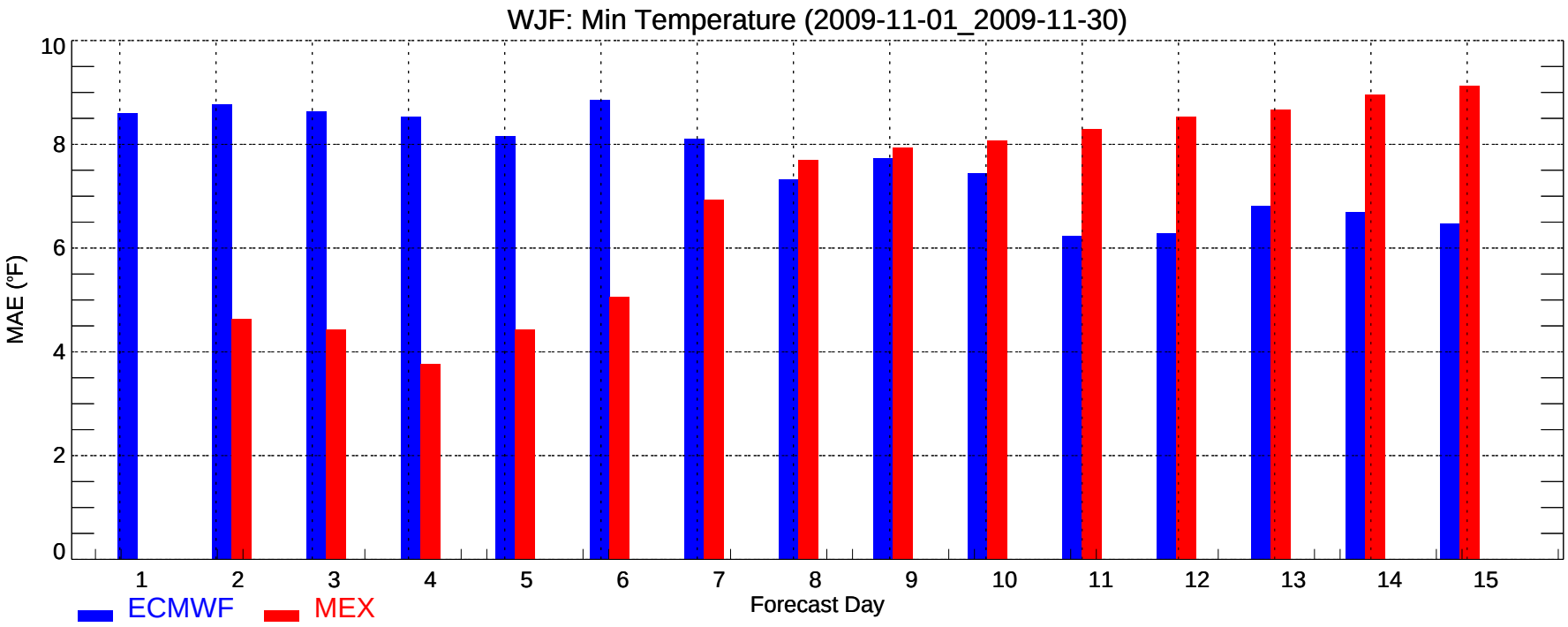
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


WJF: Min Temperature (2009-11-01_2009-11-30)
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
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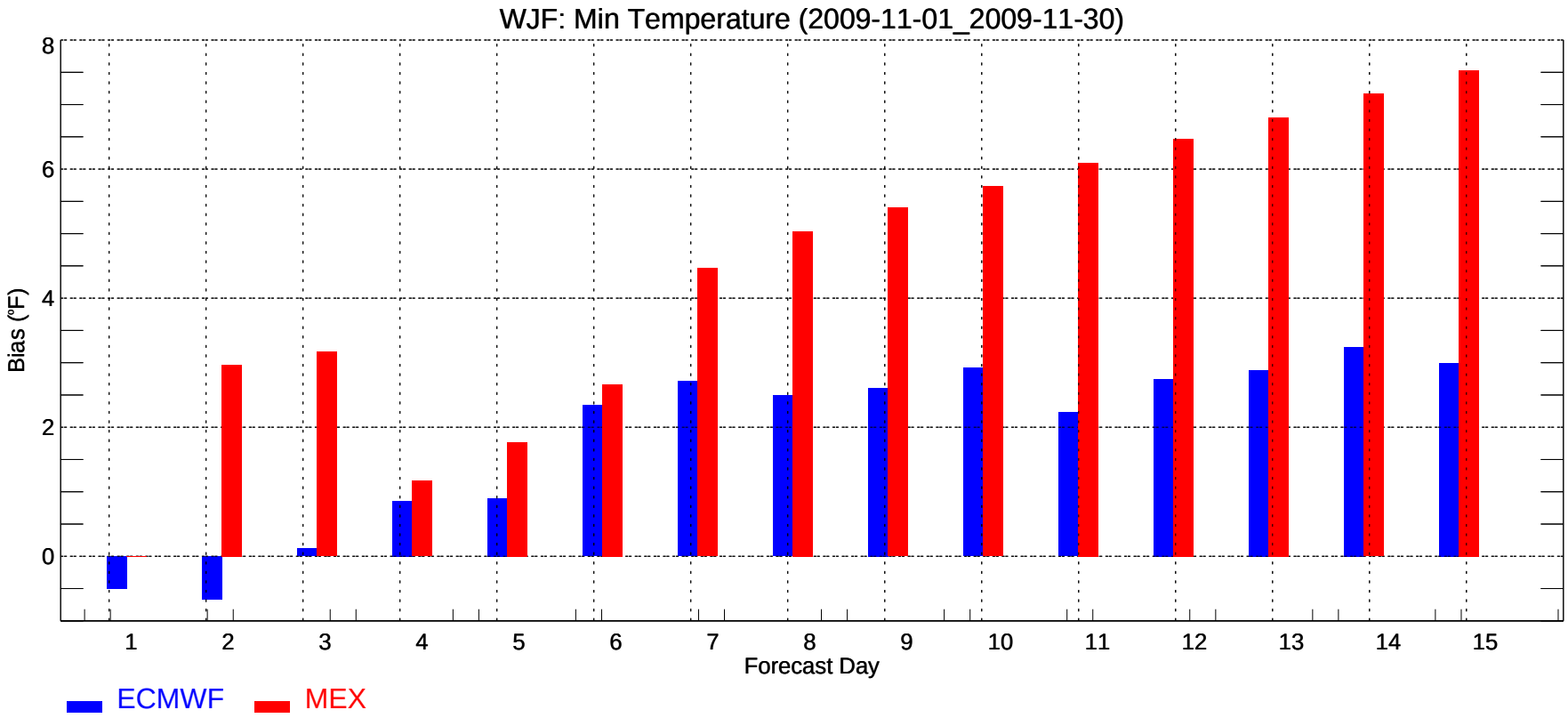
Forecast Day
ECMWF
MEX


WJF: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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10
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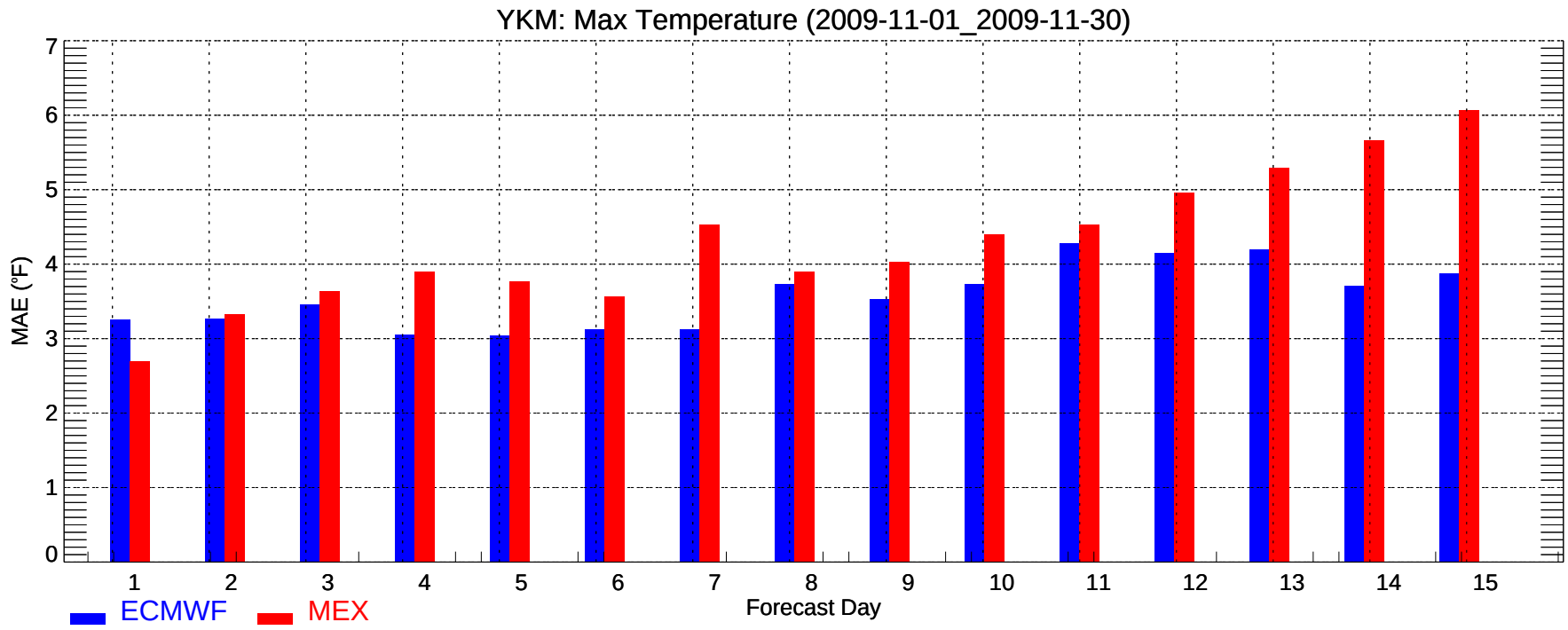
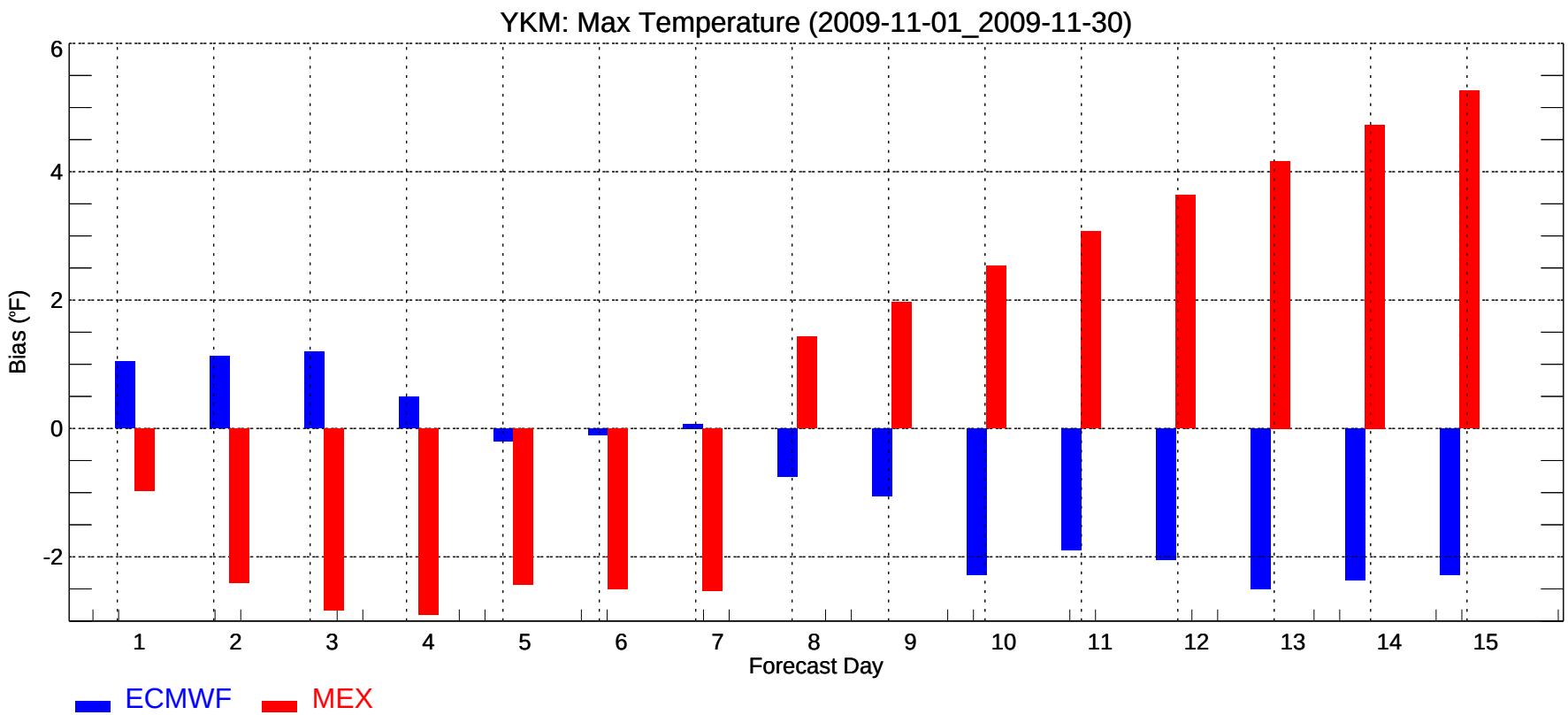
12
13
14
15
Forecast Day
ECMWF
MEX


YKM: Max Temperature (2009-11-01_2009-11-30)
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 (2009-11-01_2009-11-30)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
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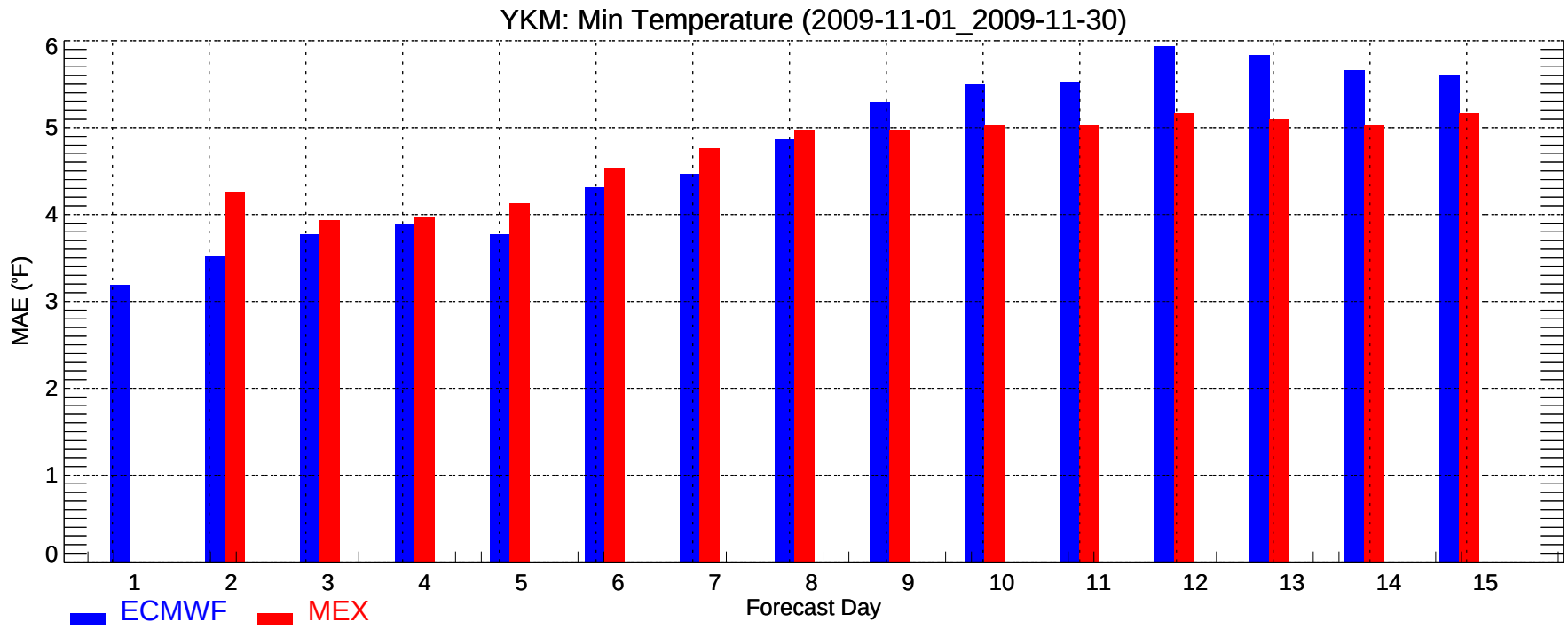
14
15
Forecast Day
ECMWF
MEX


YKM: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
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1
2
3
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6
7
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14
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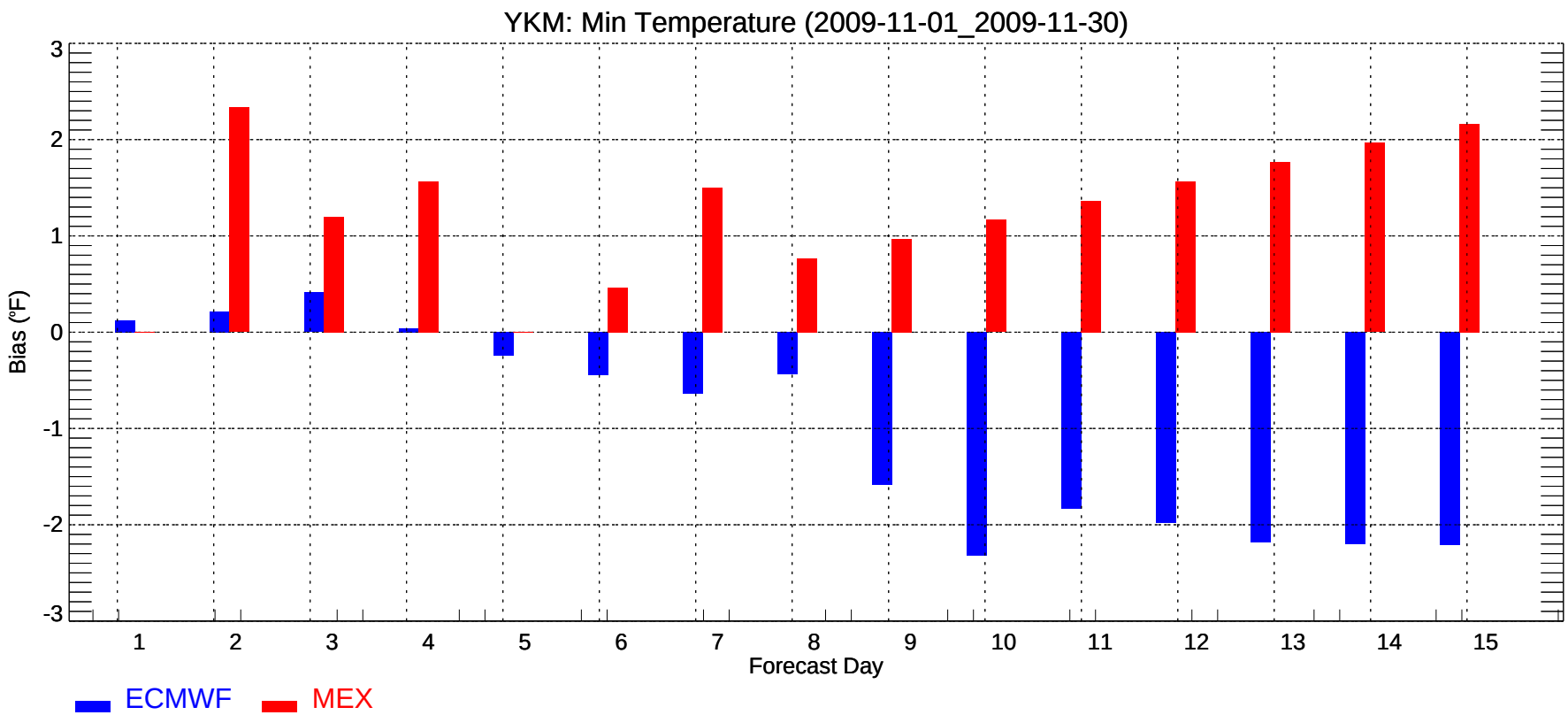
Forecast Day
ECMWF
MEX


YKM: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
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5
6
7
8
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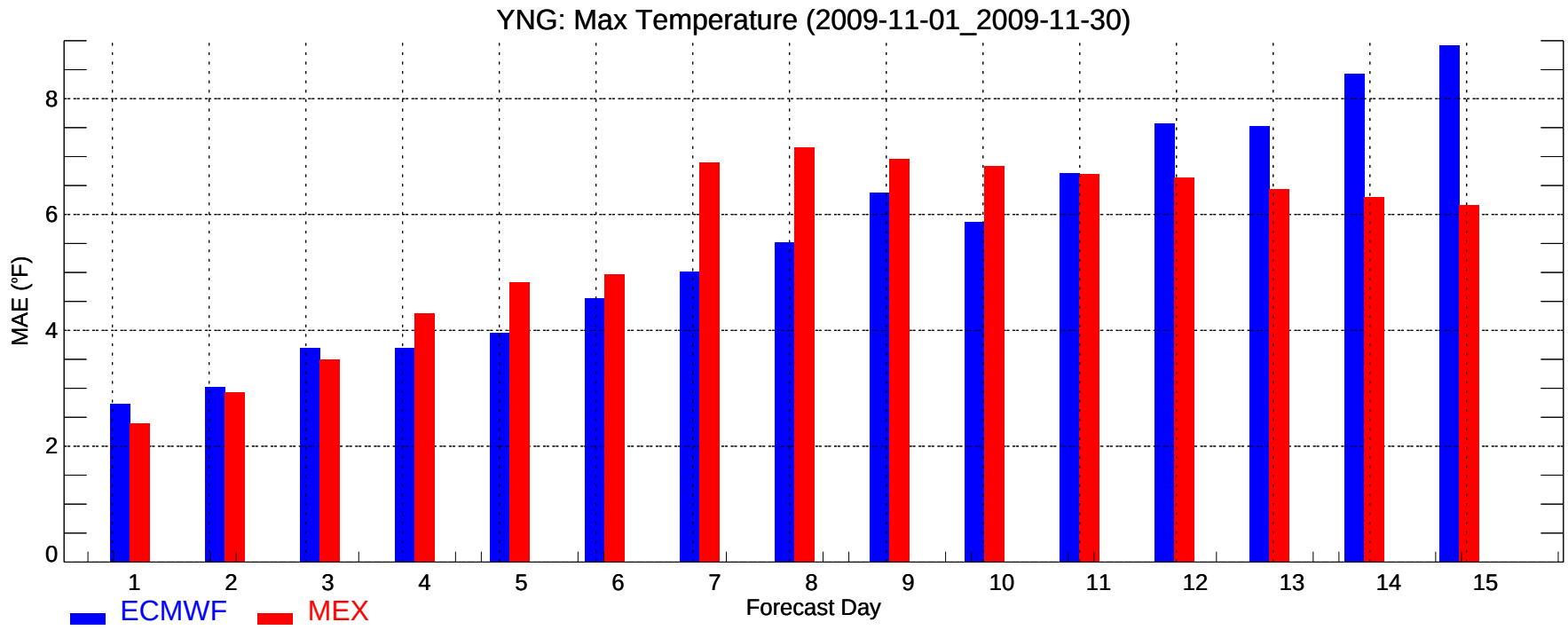
Forecast Day
ECMWF
MEX


YNG: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
7
8
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10
11
12
13
14
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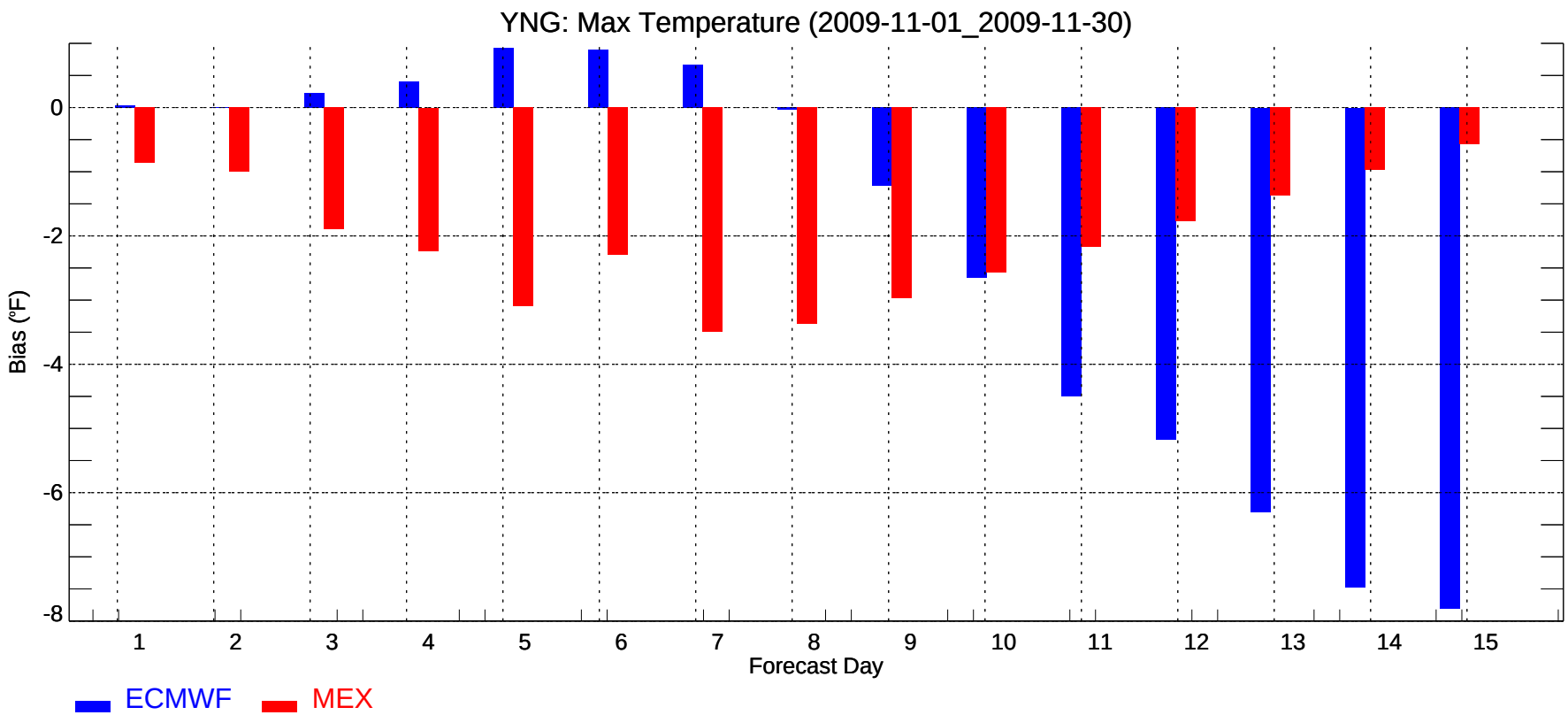
Forecast Day
ECMWF
MEX


YNG: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
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7
8
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12
13
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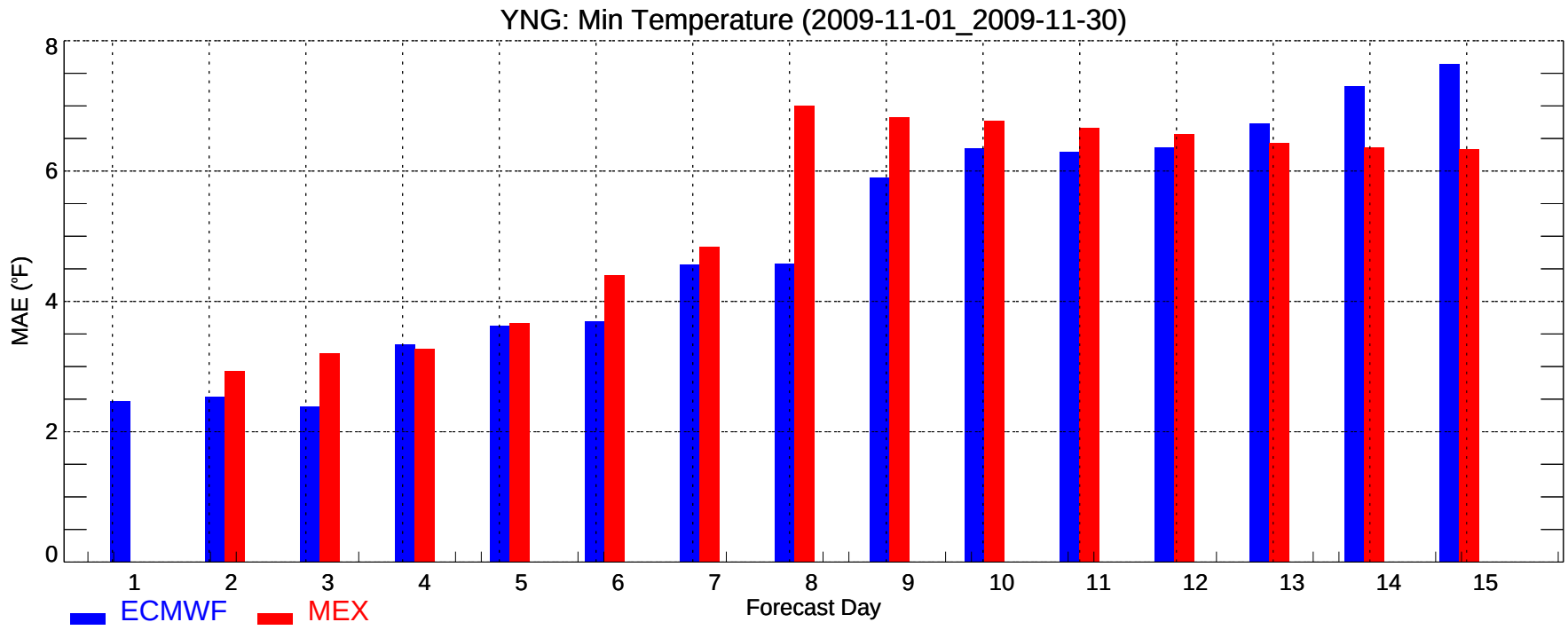
Forecast Day
ECMWF
MEX


YNG: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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5
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7
8
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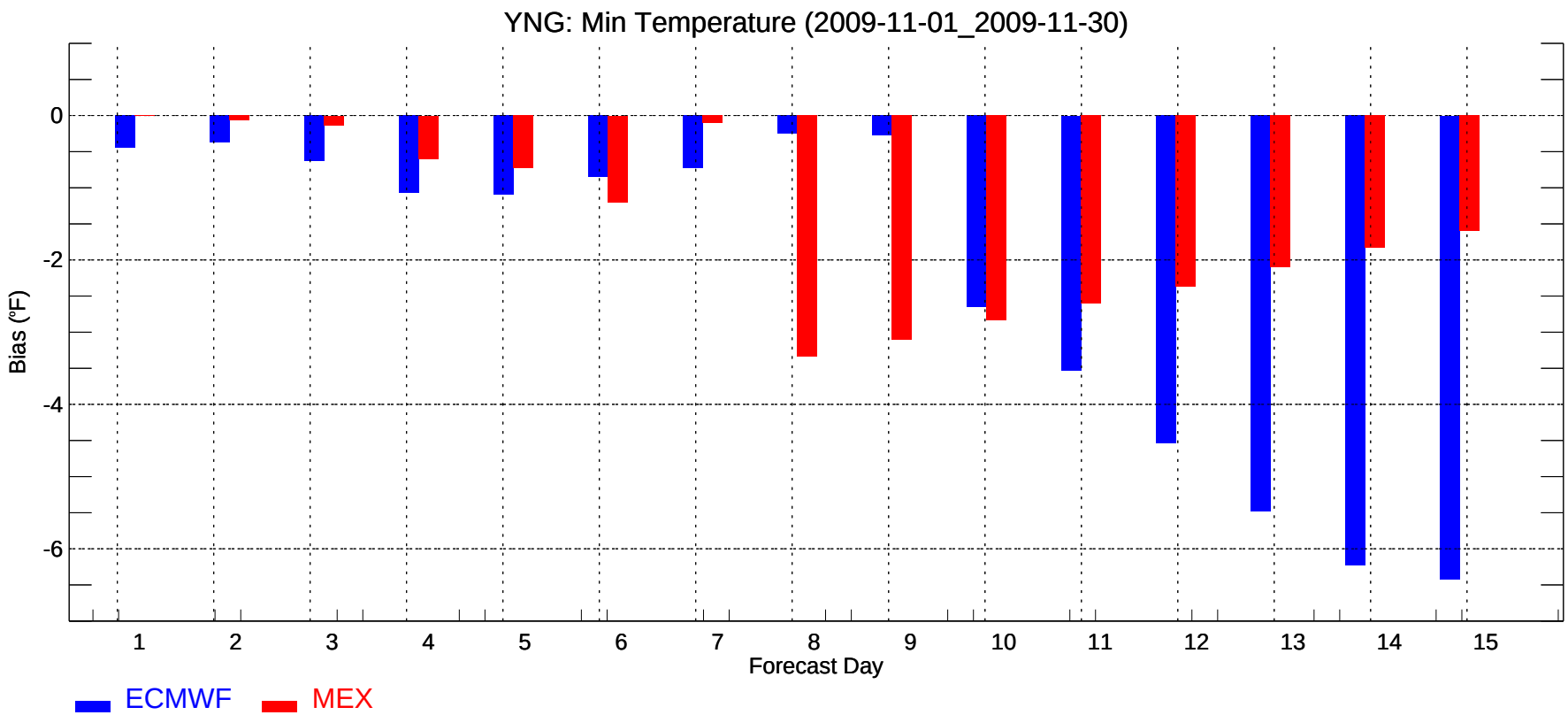
Forecast Day
ECMWF
MEX


YNG: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
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11
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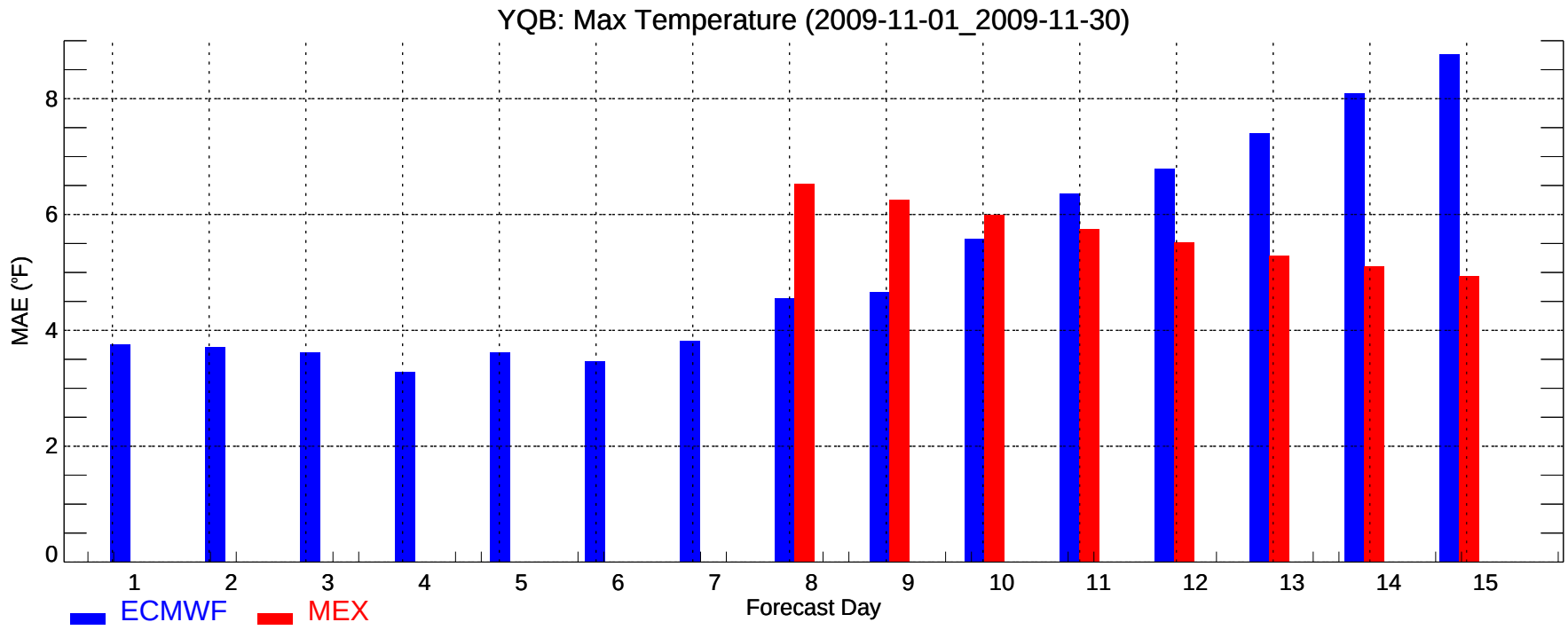
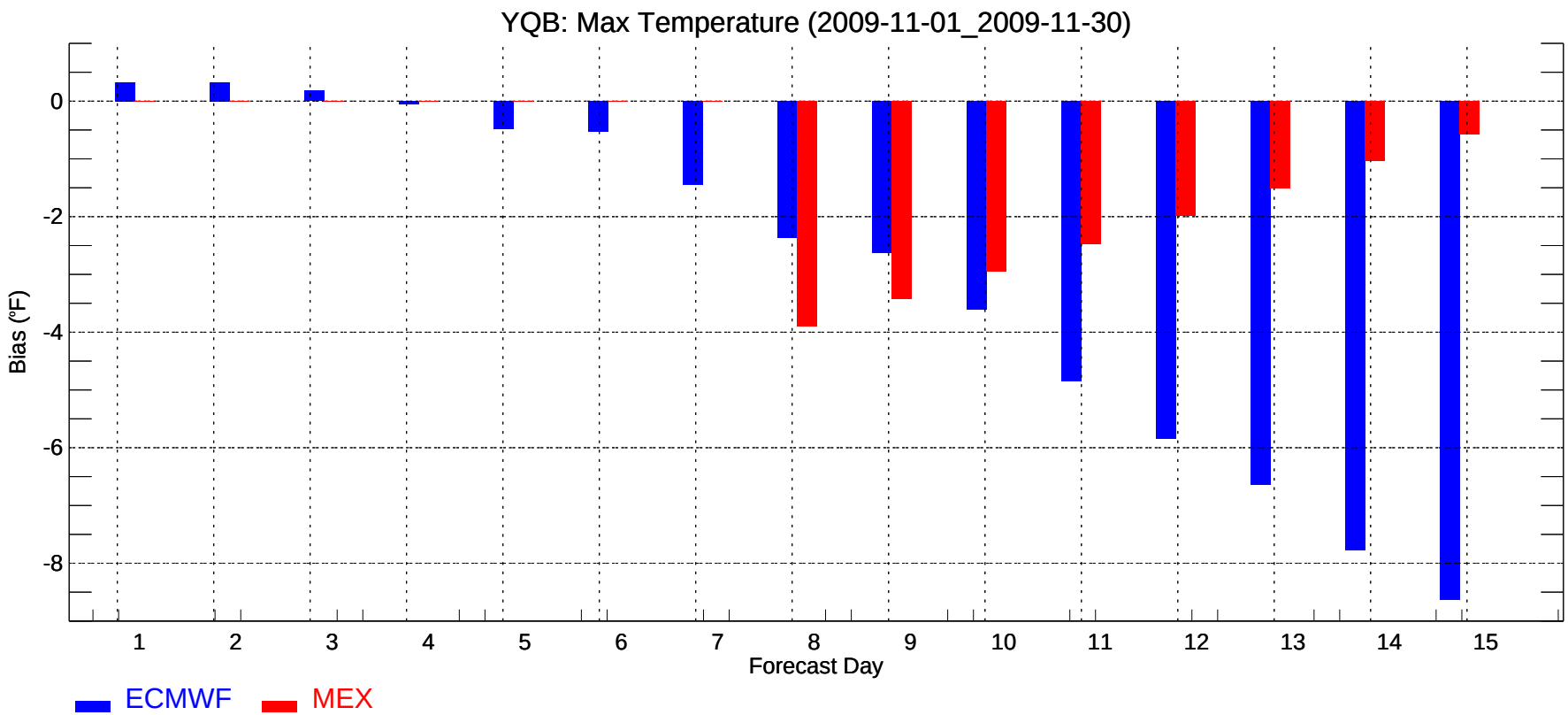
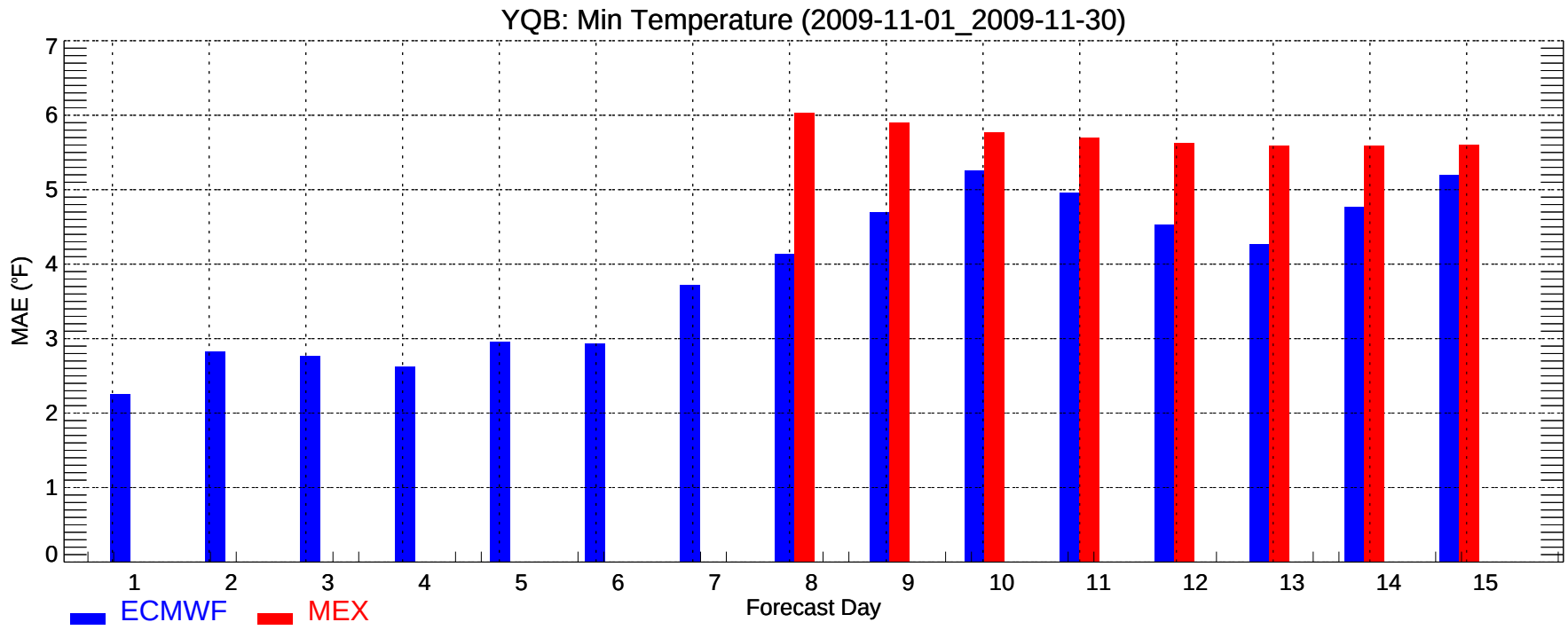
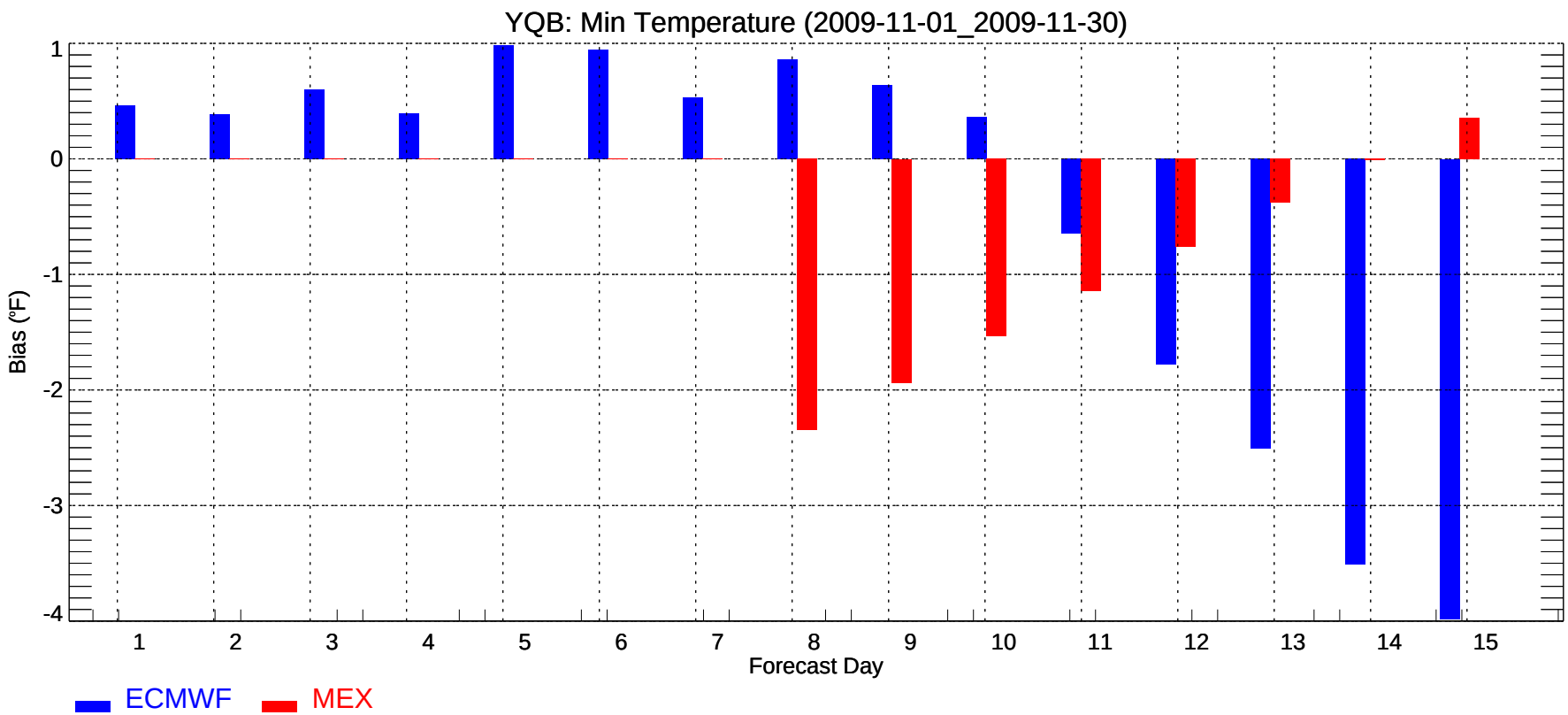
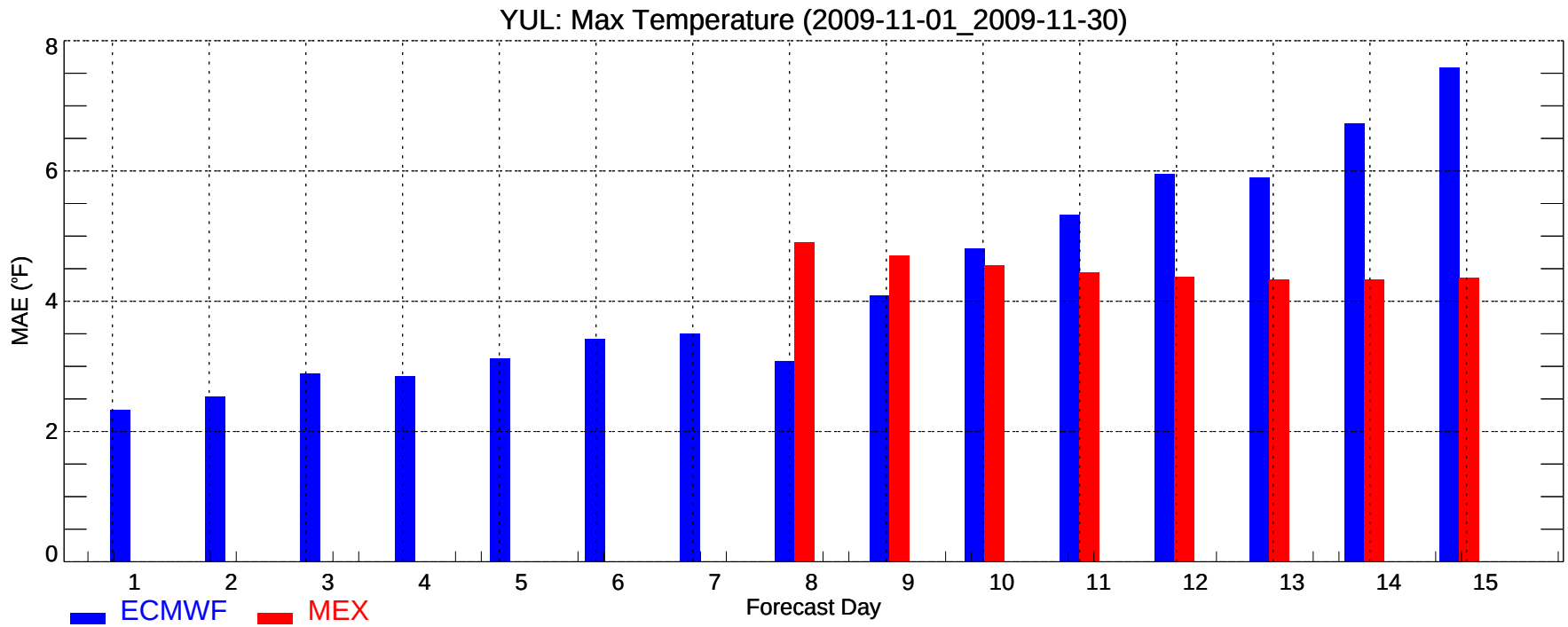
13
14
15
Forecast Day
ECMWF
MEX

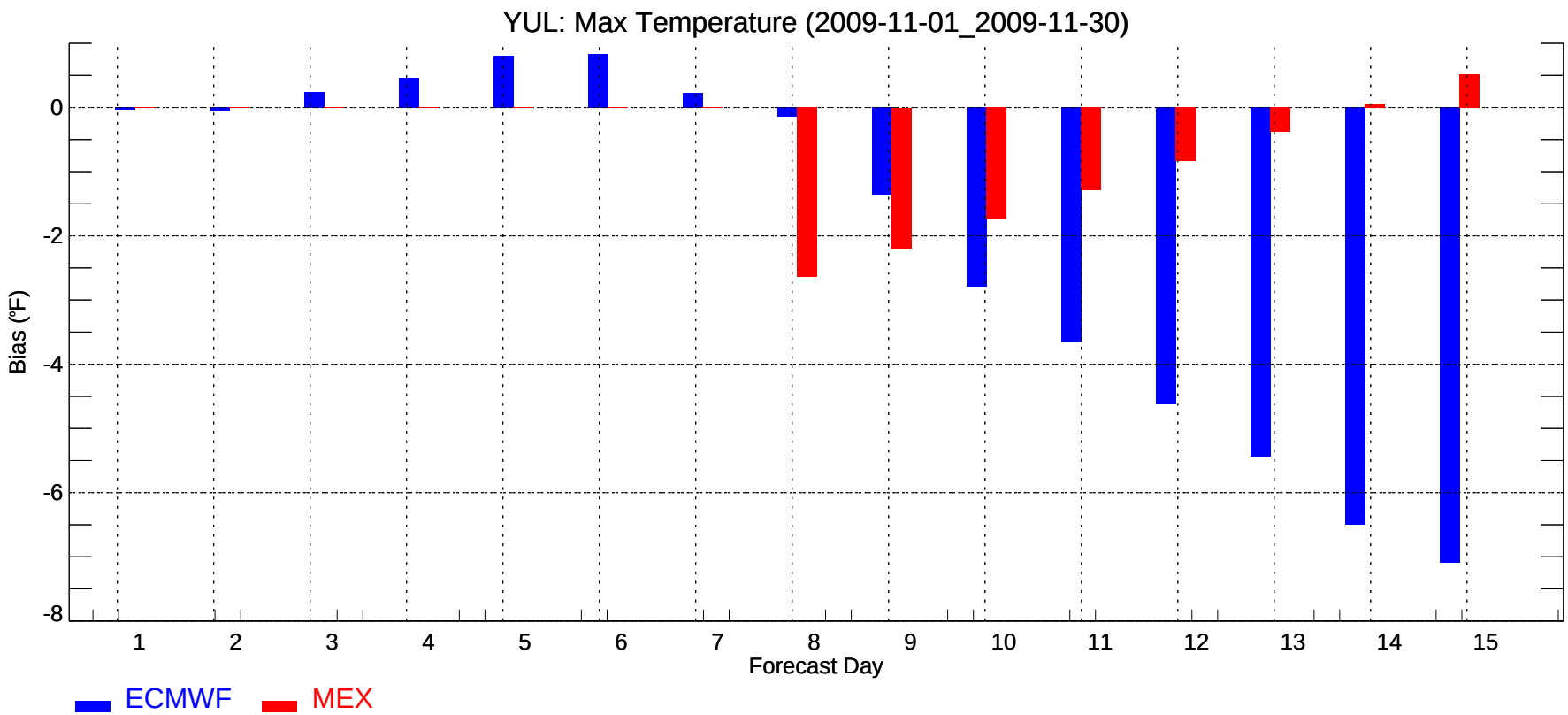

YQB: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

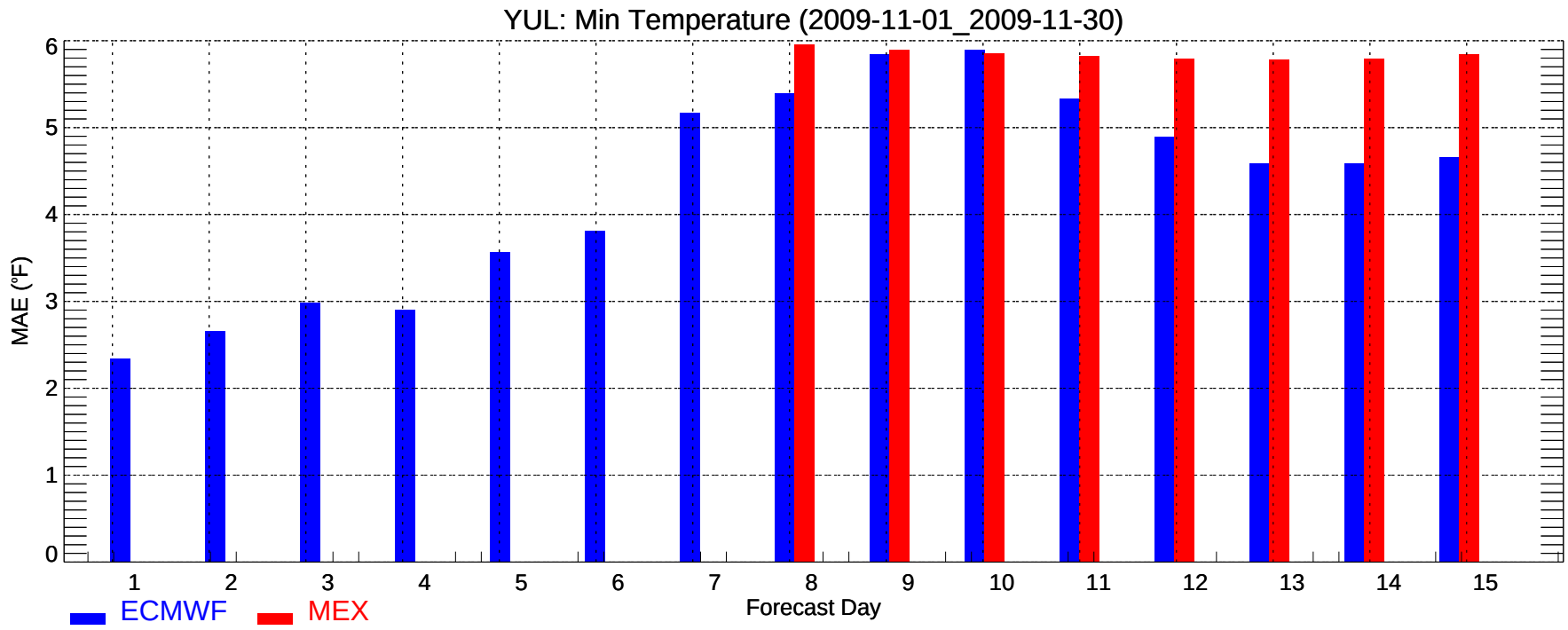

YQB: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

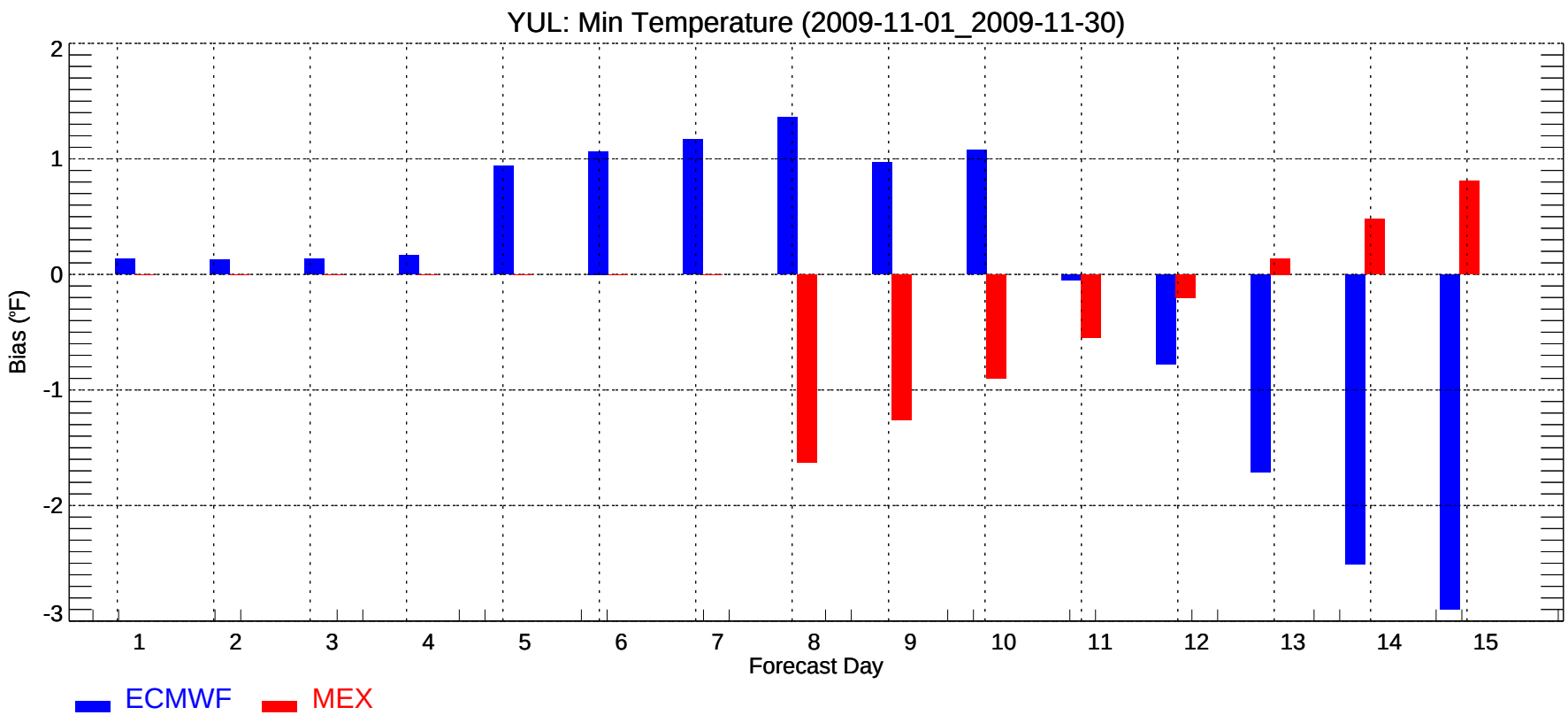

YQB: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

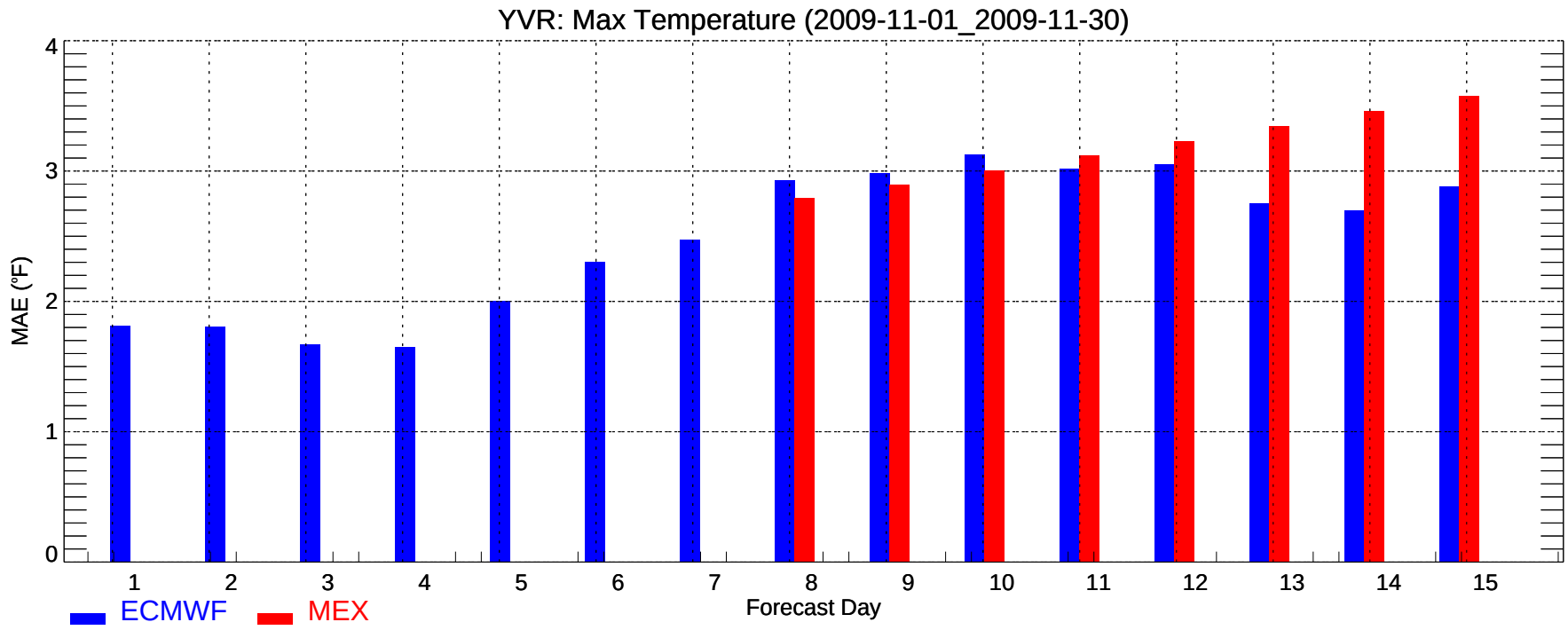

YQB: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

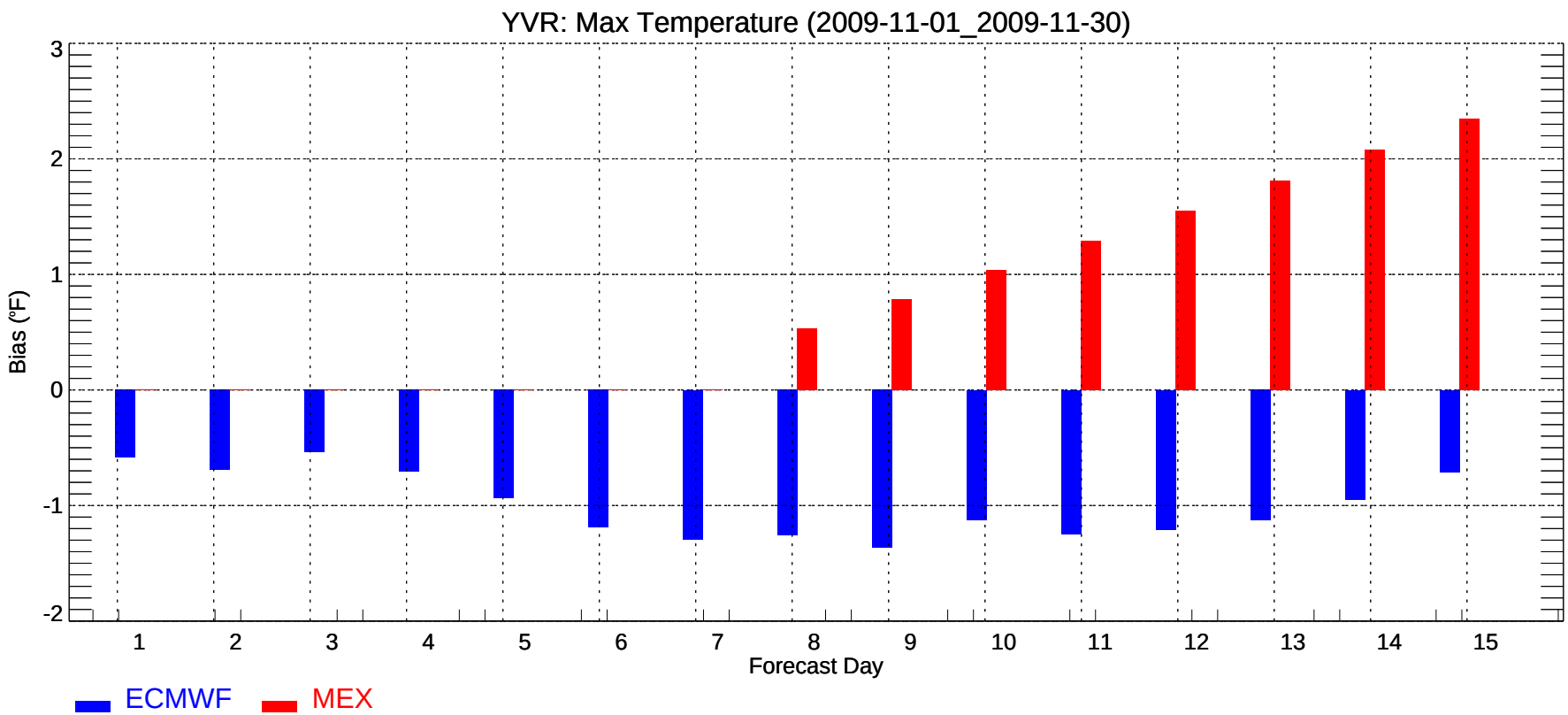

YUL: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

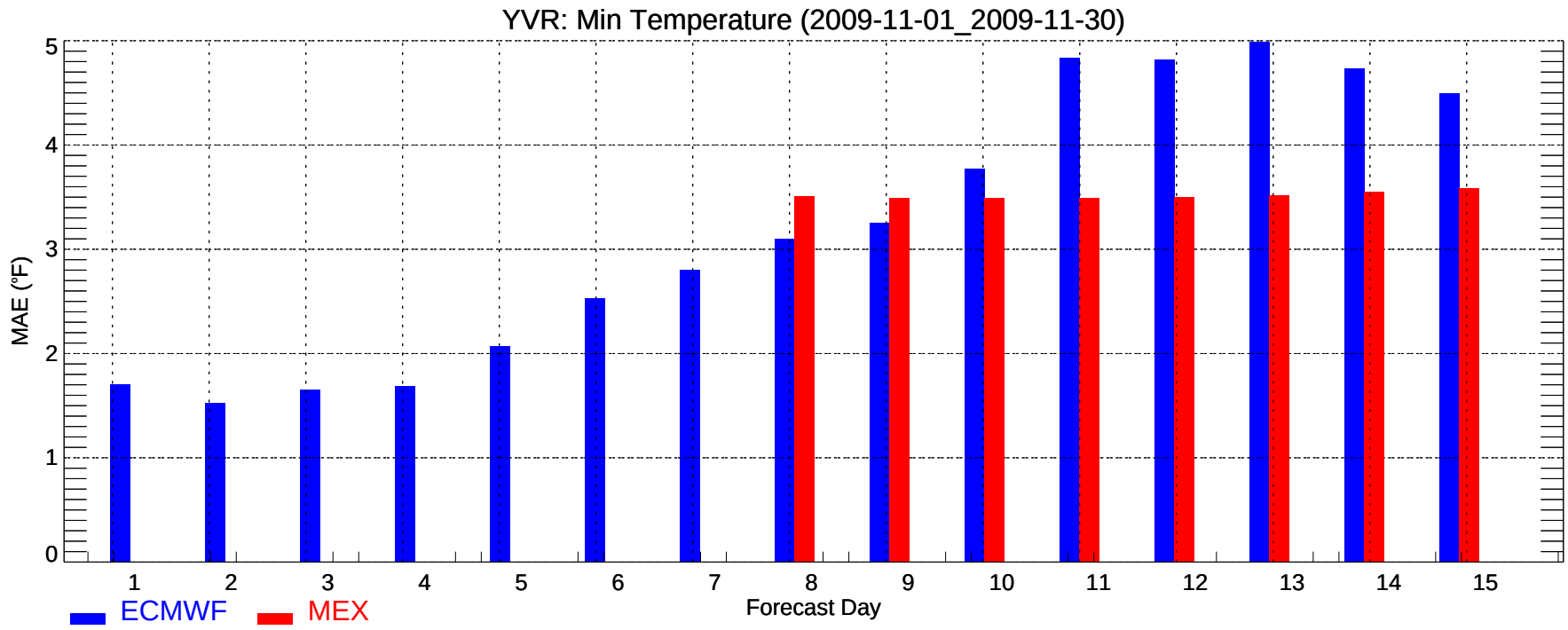

YUL: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

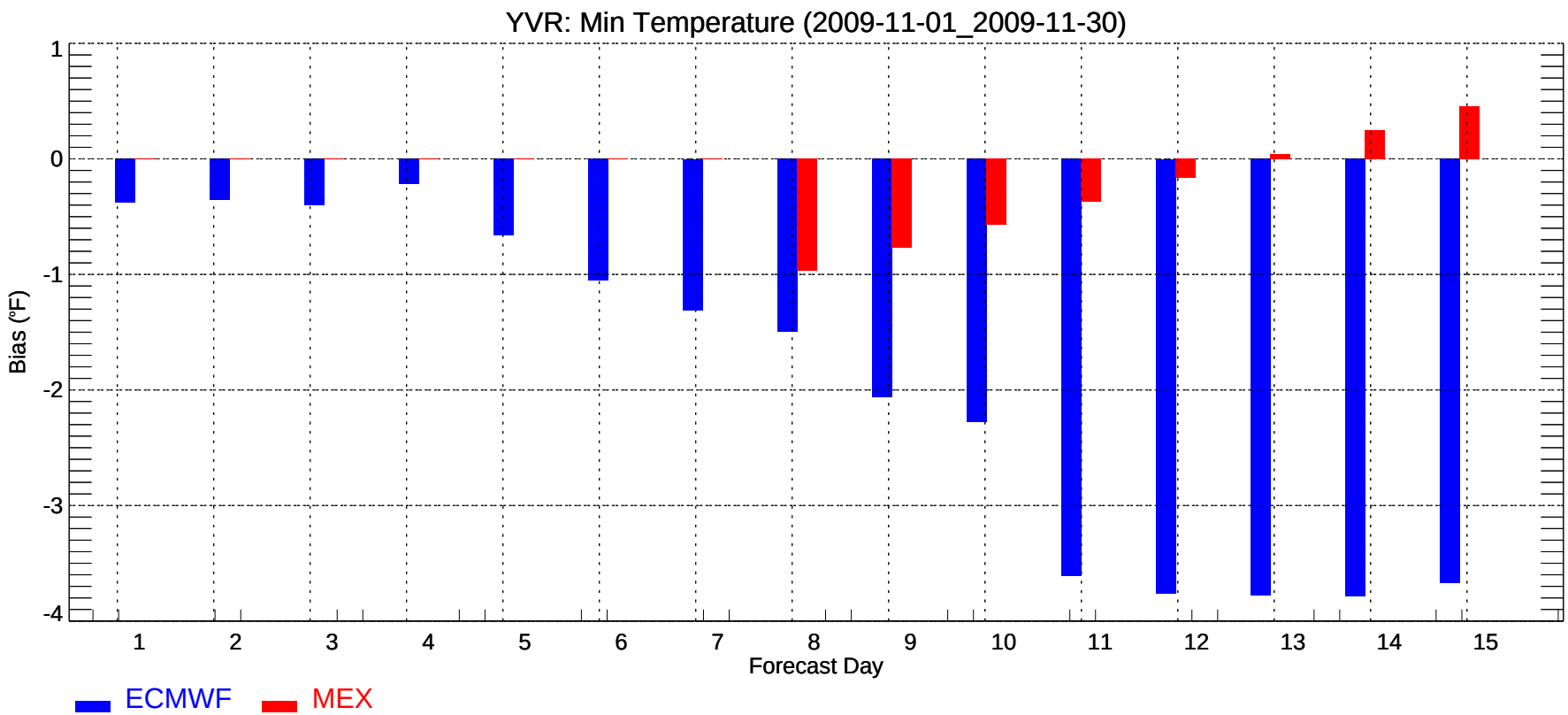

YUL: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

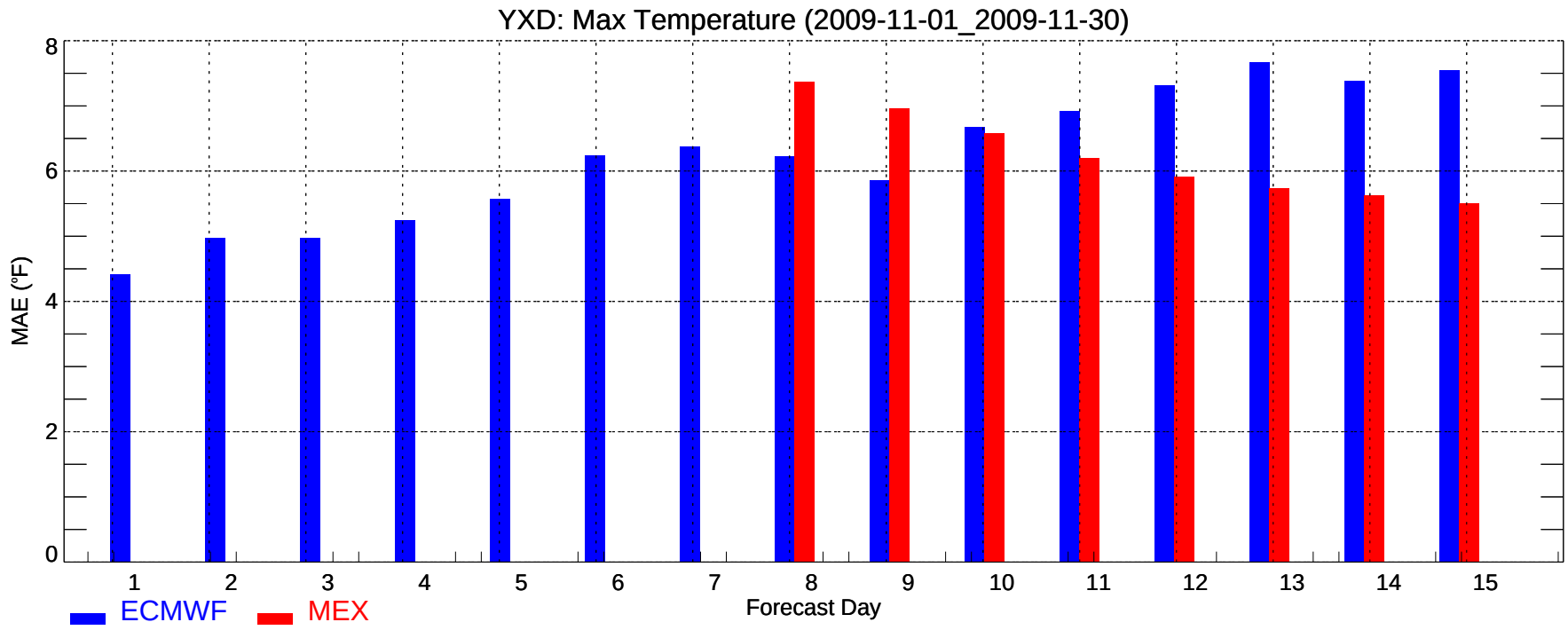

YUL: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

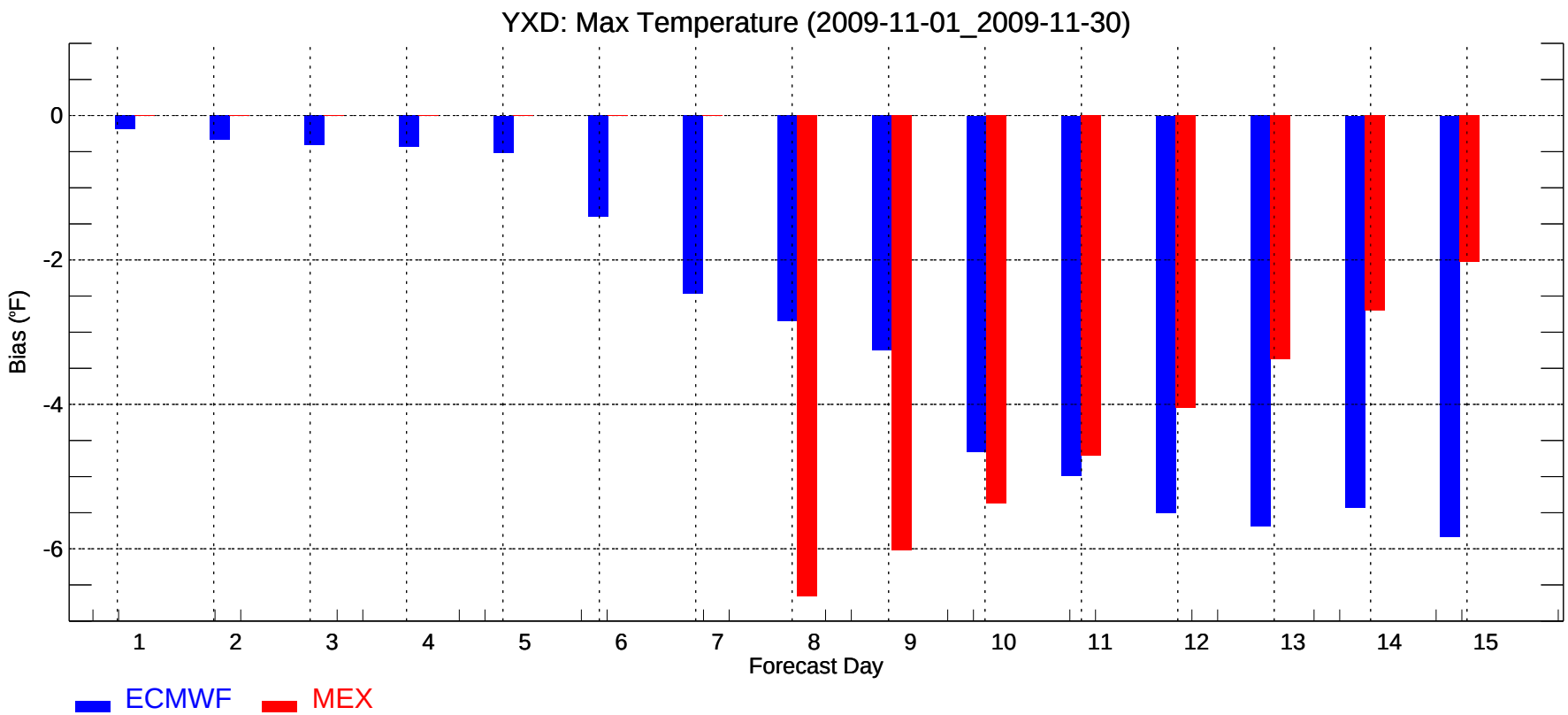

YVR: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

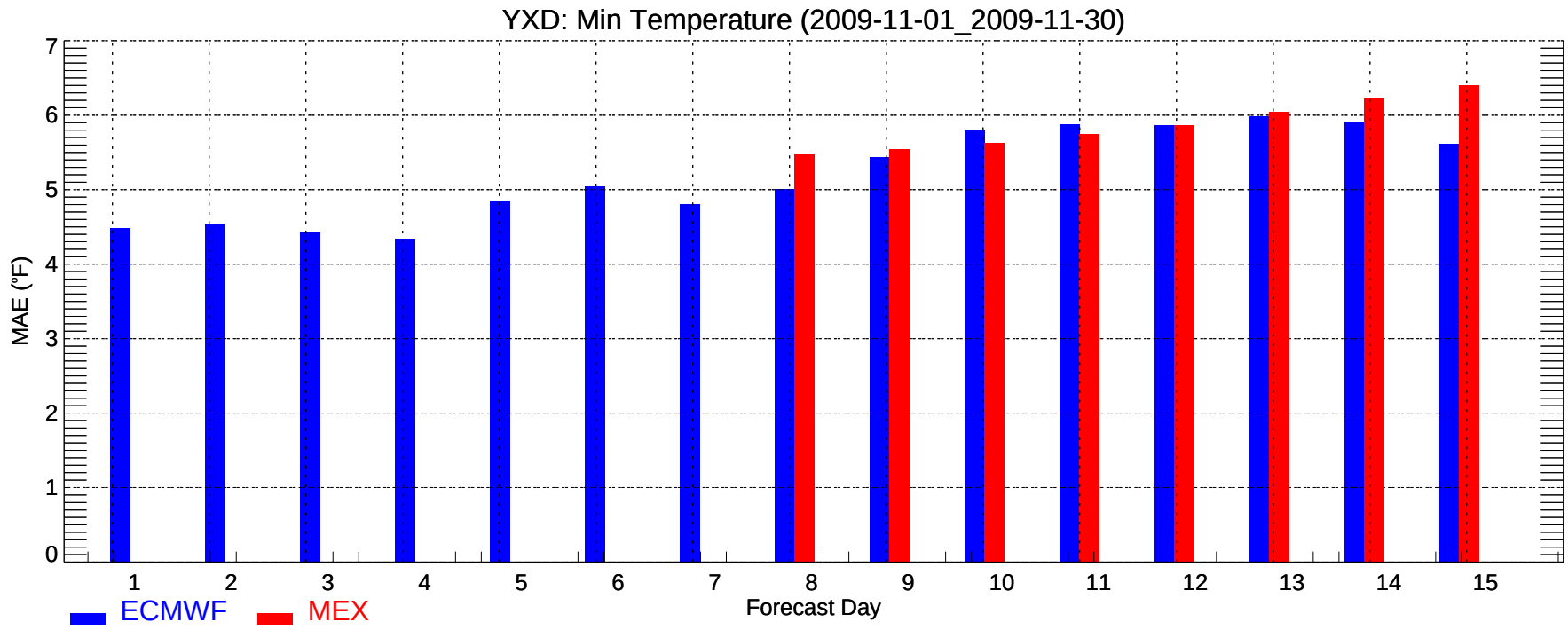

YVR: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

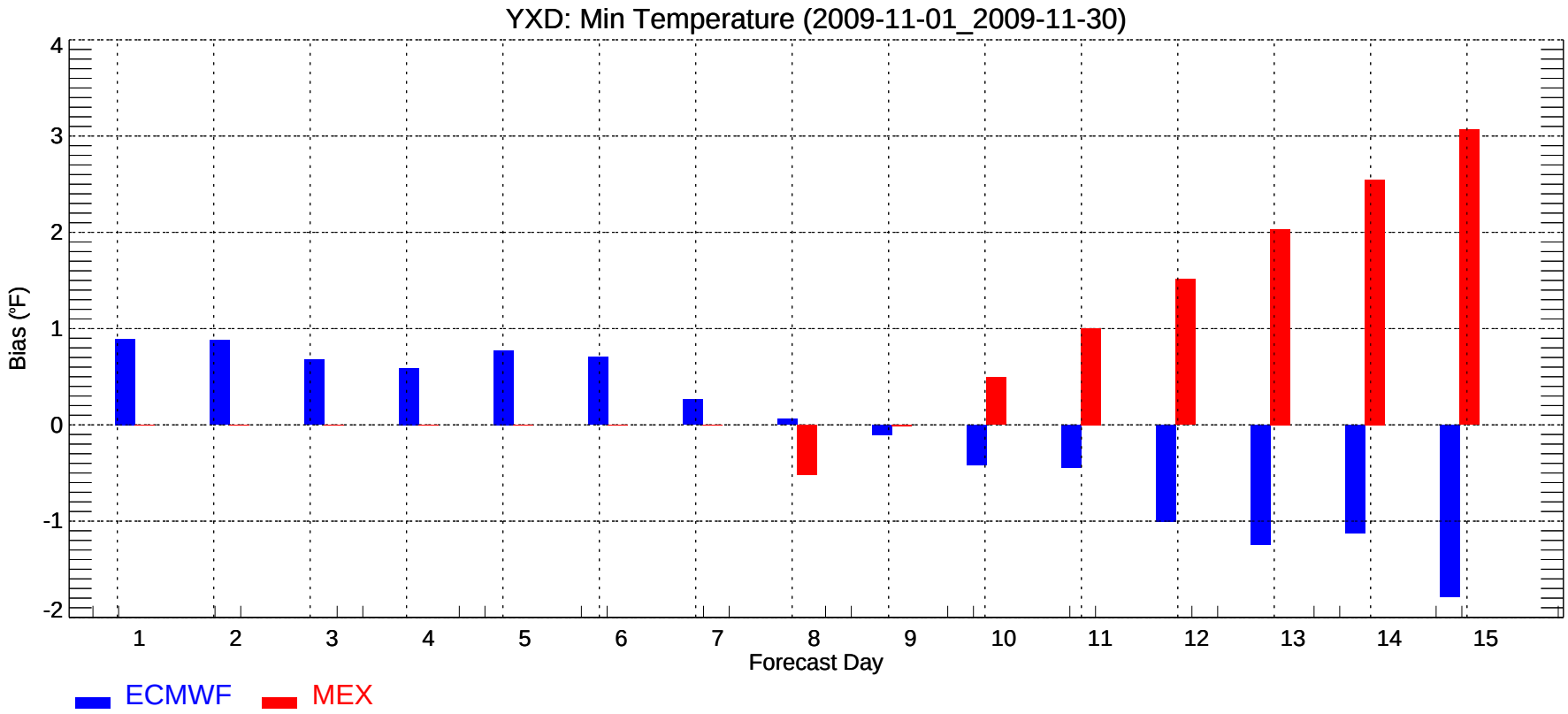

YVR: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

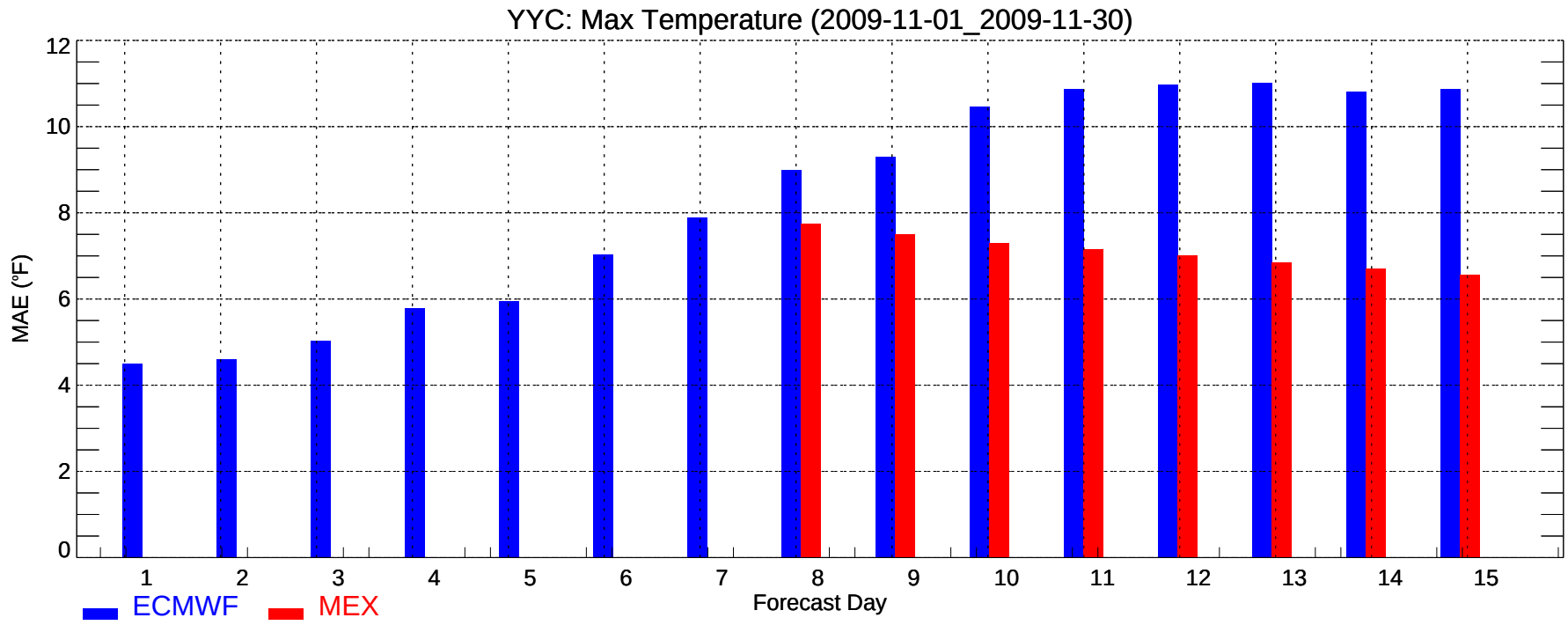

YVR: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

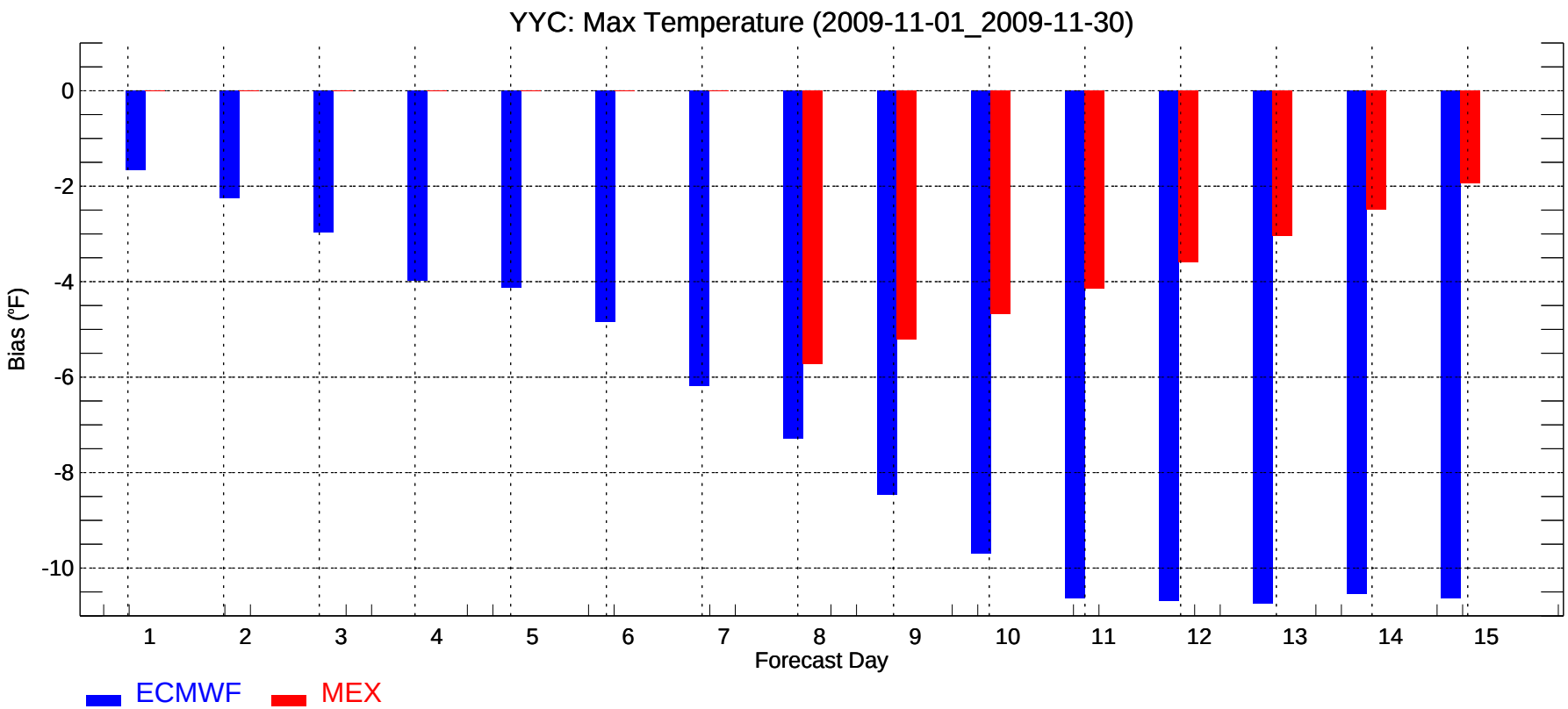

YXD: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

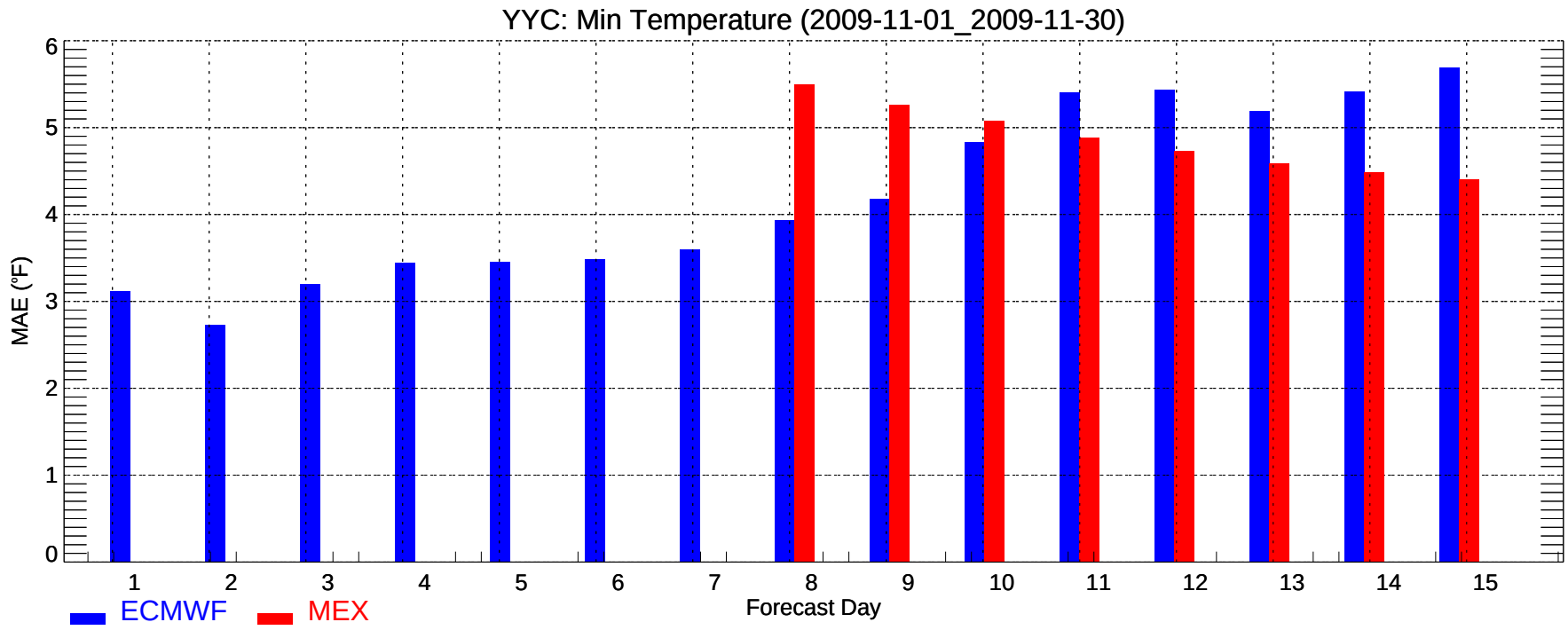

YXD: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YXD: Min Temperature (2009-11-01_2009-11-30)
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


YXD: Min Temperature (2009-11-01_2009-11-30)
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


YYC: Max Temperature (2009-11-01_2009-11-30)
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


YYC: Max Temperature (2009-11-01_2009-11-30)
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


YYC: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
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4
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10
11
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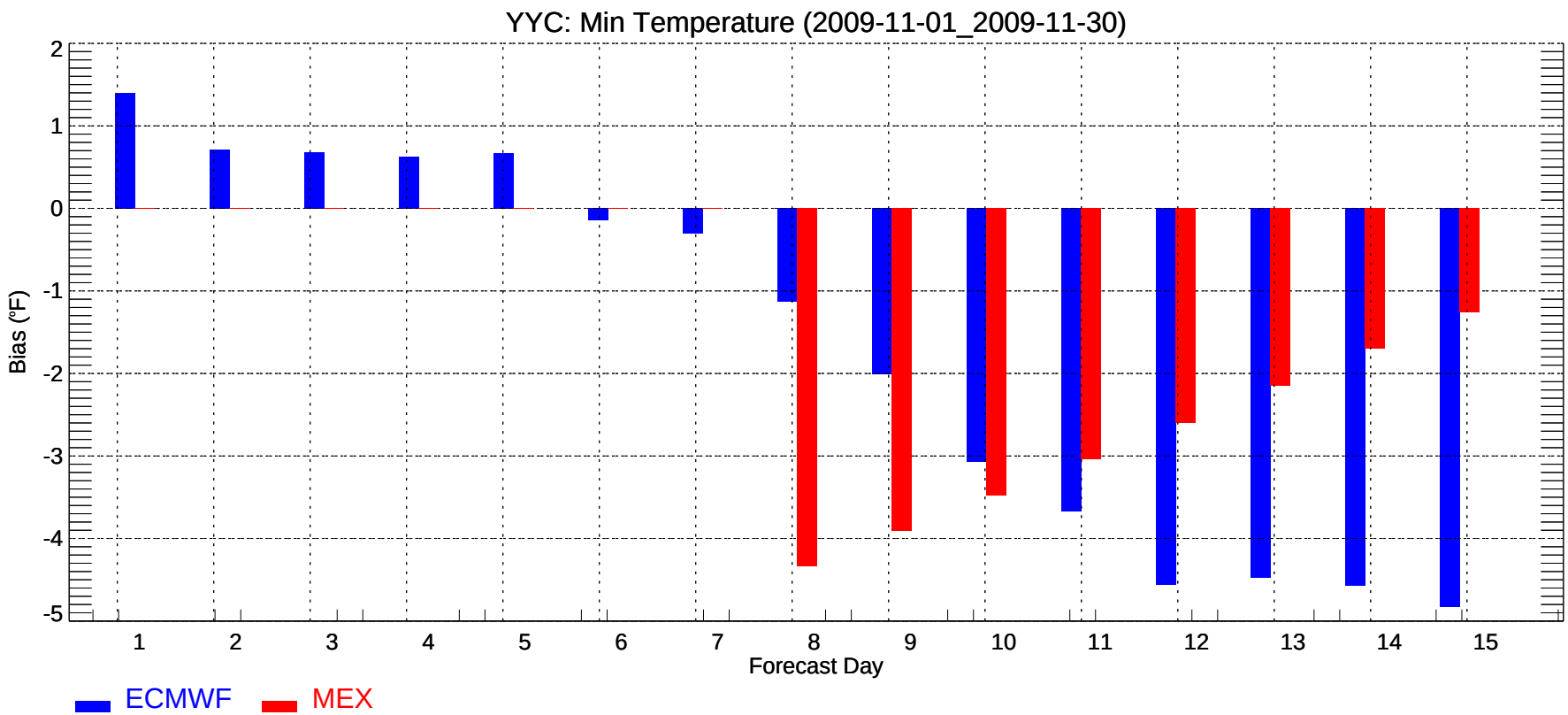
14
15
Forecast Day
ECMWF
MEX


YYC: Min Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
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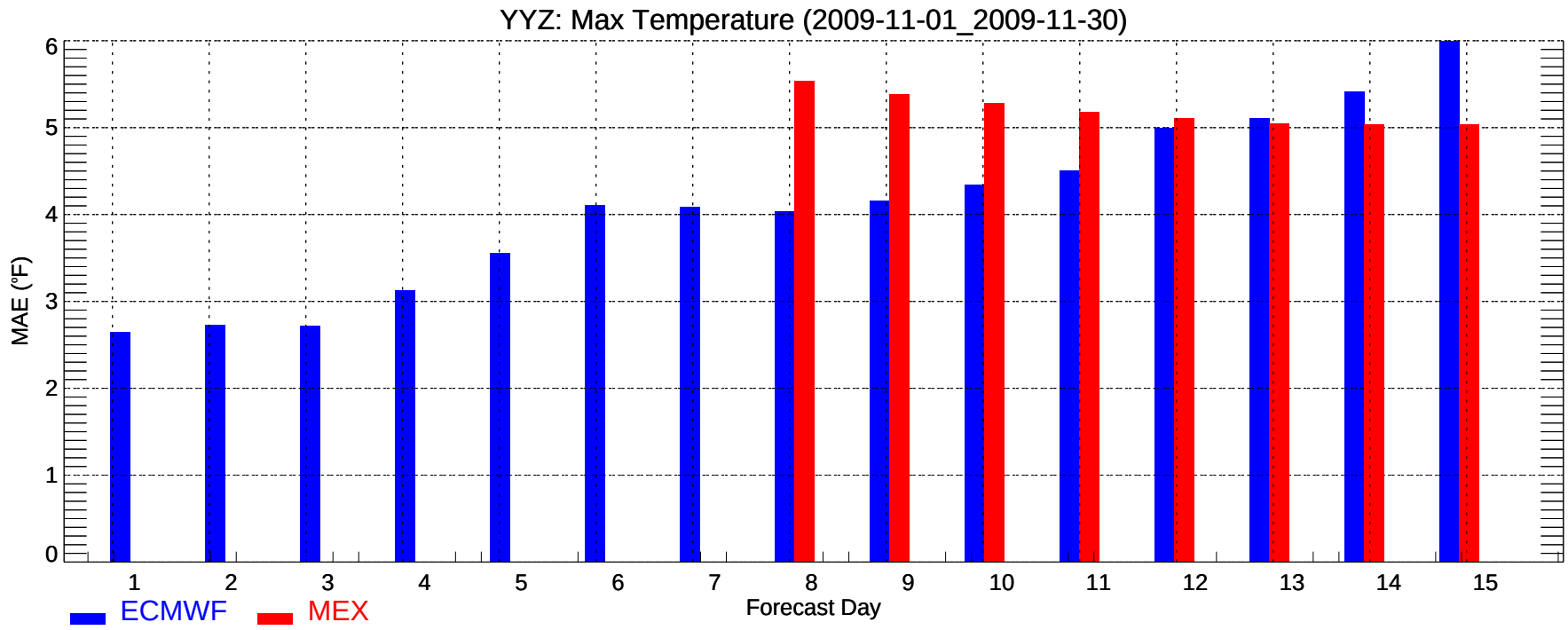
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
2
3
4
5
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1
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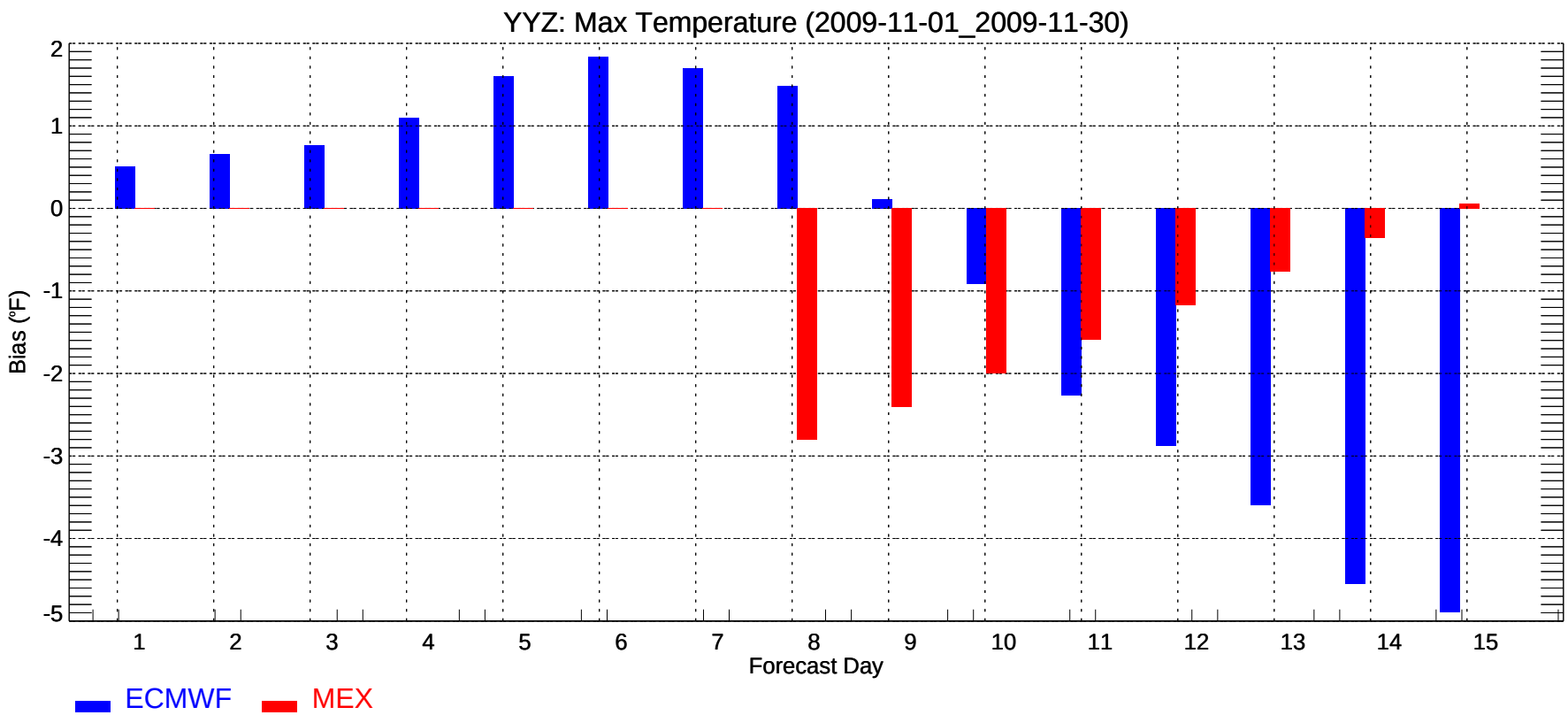
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2009-11-01_2009-11-30)
Bias (°F)
2
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0
-1
-2
-3
-4
-5
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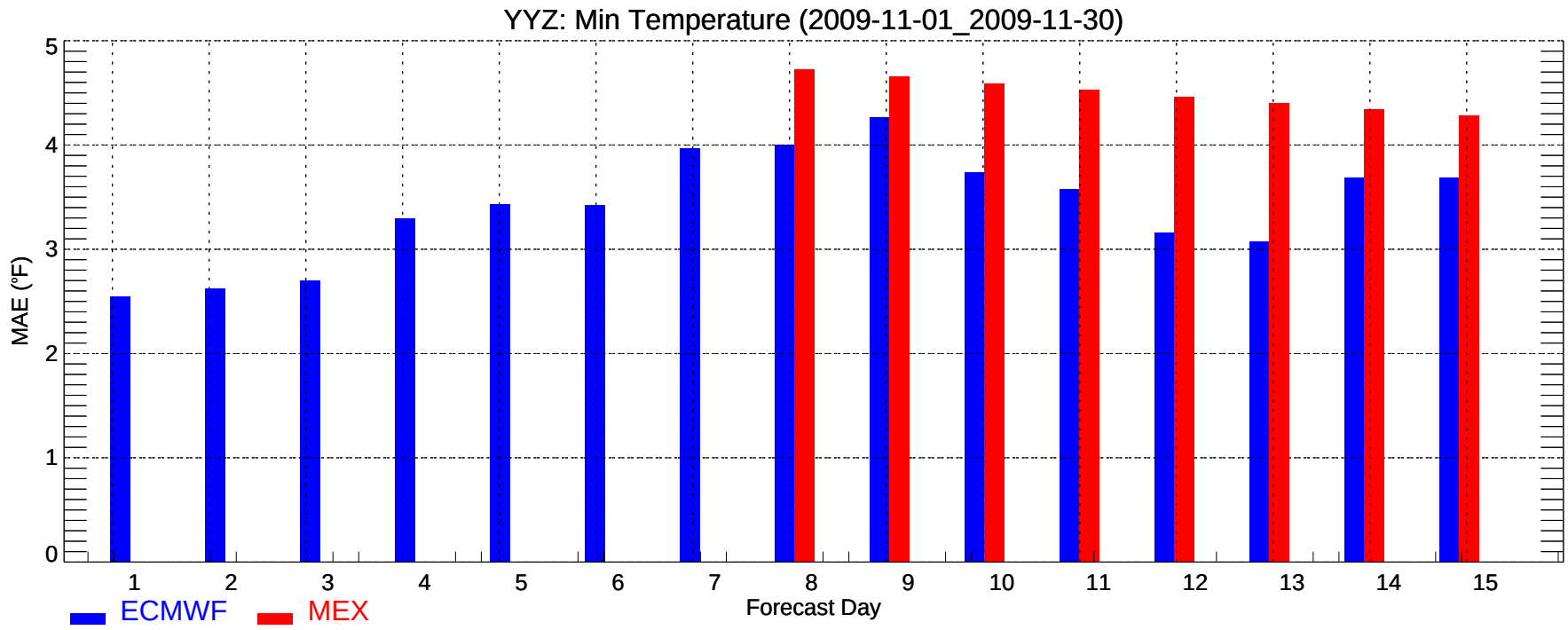
Forecast Day
ECMWF
MEX


YYZ: Min Temperature (2009-11-01_2009-11-30)
MAE (°F)
0
1
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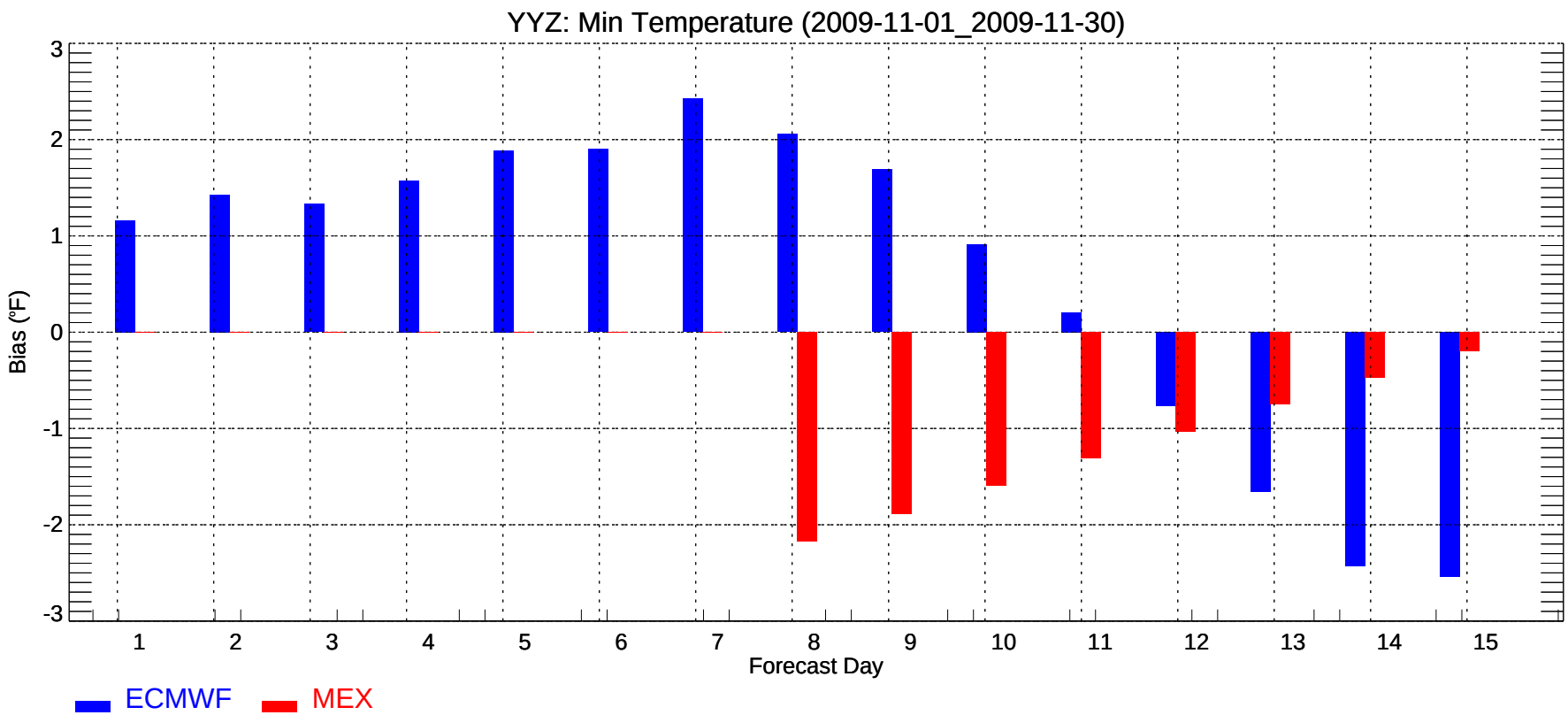
Forecast Day
ECMWF
MEX


YYZ: Min Temperature (2009-11-01_2009-11-30)
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