eCast Monthly All Stations Report for 2009-05-01 ~ 2009-05-31

June 4, 2009

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ECMWF/MEX MAX Temperature Regional Summary

MAE (2009-05-01~2009-05-31)

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ALL	0.00	2.8/2.2	3.1/2.7	3.3/3.0	3.7/3.4	4.2/3.9	4.7/4.3	5.1/4.6	5.5/6.3	5.9/6.4	5.6/6.5	5.7/6.6	5.9/6.7	6.0/6.8	6.2/7.0	6.1/7.1

Bias (2009-05-01~2009-05-31)

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ALL	0.68	-0.1/-0.3	-0.1/-0.2	0.2/-0.1	0.3/-0.5	0.4/-0.6	0.7/-0.5	0.7/-0.2	0.8/-2.8	0.8/-3.1	1.1/-3.4	1.1/-3.6	1.0/-3.9	1.1/-4.2	1.1/-4.5	1.2/-4.8

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

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

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

avg_bias: average of ECMWF-value

ECMWF/MEX MIN Temperature Regional Summary

MAE (2009-05-01~2009-05-31)

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ALL	0.13	2.4/0.0	2.5/2.5	2.7/2.6	2.9/2.9	3.2/3.1	3.7/3.4	4.0/3.8	4.4/6.1	4.6/6.2	4.5/6.4	4.6/6.5	4.8/6.7	5.1/6.8	5.3/7.0	5.4/--

Bias (2009-05-01~2009-05-31)

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ALL	0.66	0.1/0.0	0.2/0.4	0.3/0.3	0.5/0.3	0.5/0.2	0.5/0.2	0.7/0.4	0.8/-3.7	0.9/-4.0	1.1/-4.3	1.1/-4.6	1.0/-4.9	0.9/-5.2	0.8/-5.5	0.5/--

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

ECMWF/MEX MAX Temperature in ALL

MAE (2009-05-01~2009-05-31)

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	-0.10	2.4/2.4	3.3/3.1	4.1/3.3	4.4/3.3	5.3/4.4	6.8/5.9	6.7/5.1	7.5/6.6	7.5/6.8	7.0/6.8	6.9/7.0	6.9/7.1	7.0/7.3	7.2/7.5	7.3/7.5
ABI	0.04	3.3/3.5	2.7/4.1	3.1/4.0	3.4/3.6	3.7/5.4	4.5/5.4	5.5/5.5	5.8/6.3	6.6/6.3	6.6/6.2	6.5/6.2	6.7/6.3	7.1/6.4	7.2/6.3	7.3/6.3
ABQ	0.10	1.8/1.3	2.2/1.9	2.8/2.3	2.6/2.5	3.5/3.3	3.7/3.5	4.4/4.5	5.0/7.7	5.7/7.8	5.2/7.8	4.9/7.8	5.4/7.9	5.9/8.0	6.2/8.2	6.6/8.3
ABY	-0.08	3.4/2.0	3.4/2.5	3.6/2.5	3.9/2.7	3.9/3.0	4.2/3.5	4.5/4.0	4.7/5.3	4.3/5.4	4.4/5.4	4.4/5.5	4.4/5.6	4.4/5.7	4.5/5.7	4.8/5.8
ACT	0.11	2.5/2.4	2.7/2.7	2.4/2.5	3.4/3.5	3.4/3.6	4.0/3.7	4.5/3.6	4.5/5.4	5.0/5.6	4.4/5.7	4.3/5.7	4.1/5.8	4.2/6.0	4.5/6.1	4.3/6.1
ACY	-0.03	3.0/2.9	3.7/2.8	4.3/3.6	4.9/3.7	5.5/4.6	7.0/6.4	6.0/5.0	6.1/6.8	6.1/7.0	6.4/7.1	6.4/7.2	6.4/7.4	6.3/7.5	7.0/7.6	6.8/7.7
ALB	-0.02	2.8/2.3	3.3/2.9	3.2/3.3	3.3/3.8	4.4/4.4	5.3/5.5	5.8/4.6	6.9/6.6	7.6/6.6	6.9/6.8	6.4/6.9	6.6/6.9	6.6/7.1	7.2/7.3	6.9/7.5
ALW	0.05	1.9/1.7	2.2/1.5	1.9/2.1	2.7/3.0	4.2/3.5	4.7/4.4	5.0/4.5	4.8/7.0	5.2/7.1	4.9/7.1	5.2/7.2	6.0/7.2	6.7/7.3	6.8/7.4	6.9/7.5
AOO	-0.08	2.6/2.4	2.9/2.5	3.2/2.8	3.3/3.3	5.3/3.9	6.2/6.3	6.9/6.1	7.4/7.0	7.9/7.1	7.6/7.1	7.2/7.1	7.4/7.2	7.3/7.3	7.6/7.3	7.9/7.4
APN	0.09	3.7/3.6	3.7/2.9	4.0/4.7	4.9/6.7	5.7/7.9	7.0/7.6	7.1/6.9	6.8/7.8	6.7/8.0	7.3/8.2	7.6/8.3	7.9/8.6	8.3/8.8	8.1/8.9	7.6/9.1
ATL	-0.27	3.2/1.9	3.4/2.5	3.3/3.0	3.8/2.7	3.5/2.2	4.2/3.6	5.0/4.0	4.9/4.2	5.2/4.1	5.0/4.2	5.5/4.3	5.3/4.4	4.5/4.4	5.0/4.4	4.8/4.5
AUG	0.03	3.4/2.7	3.3/3.4	3.8/3.5	4.6/4.3	5.2/6.8	6.3/7.1	7.2/7.0	7.3/7.4	7.5/7.5	7.3/7.8	7.5/7.7	7.6/8.0	7.5/8.1	7.8/8.3	7.3/8.5
AUS	0.08	1.7/1.7	2.1/2.4	2.2/2.2	2.7/2.7	3.4/2.9	4.2/3.5	4.6/4.0	5.1/5.5	5.1/5.6	4.5/5.7	4.6/5.7	4.5/5.8	4.3/5.9	4.7/6.0	4.4/6.2
AVP	-0.22	2.6/1.8	3.5/2.7	4.1/2.8	4.4/3.5	5.2/4.6	6.5/5.2	6.5/5.0	7.1/5.6	7.1/5.7	6.8/5.7	6.4/5.8	6.5/6.0	6.5/6.1	6.8/6.2	6.7/6.3
BDL	-0.04	2.8/2.5	3.9/3.1	4.2/4.1	4.2/3.8	4.5/4.6	6.3/6.0	6.4/5.8	7.1/7.1	7.7/7.1	7.2/7.0	7.0/7.2	7.4/7.2	7.1/7.3	7.6/7.5	7.1/7.7
BFL	0.21	1.9/1.8	2.1/1.3	2.2/2.3	2.7/1.9	3.0/2.7	3.7/3.8	3.5/3.9	4.1/7.7	4.4/8.0	4.1/8.3	3.6/8.5	3.8/8.7	4.1/9.0	4.2/9.3	4.4/9.5
BGM	-0.01	2.1/2.3	2.8/3.2	2.8/2.7	3.2/3.0	4.2/4.9	5.3/5.2	6.4/5.3	7.2/6.6	7.6/6.7	7.2/6.8	6.8/6.9	6.9/7.1	7.0/7.4	7.5/7.6	7.2/7.8
BHM	-0.37	3.3/1.9	3.2/1.8	3.7/2.5	3.8/2.6	3.7/2.4	4.1/3.4	4.9/4.9	5.5/4.2	5.8/4.2	5.6/4.3	5.9/4.3	5.6/4.4	5.3/4.5	6.0/4.4	5.5/4.5
BIS	0.08	2.5/3.0	3.0/3.7	3.8/4.2	4.0/4.8	4.5/4.3	5.2/5.4	6.8/5.6	7.0/6.8	6.8/7.0	6.8/7.1	6.8/7.2	6.5/7.4	6.2/7.5	5.9/7.6	6.1/7.9
BNA	-0.23	2.5/2.0	2.5/2.4	2.7/2.7	3.9/2.8	4.1/3.5	4.2/3.4	5.0/4.6	6.4/5.1	7.4/5.3	6.8/5.3	6.7/5.3	6.6/5.4	6.5/5.5	7.1/5.5	6.9/5.6
BOI	0.13	2.1/1.5	2.5/1.5	2.0/2.4	2.7/3.1	3.6/3.6	4.6/4.6	4.5/4.7	5.0/8.9	5.4/9.1	5.2/9.1	5.6/9.3	6.5/9.4	7.1/9.5	7.8/9.7	7.9/9.9
BOS	0.12	3.7/3.0	4.1/4.5	4.6/5.4	4.8/5.8	5.4/6.9	6.9/8.0	6.9/7.9	7.5/8.8	7.8/8.9	7.6/9.1	8.0/9.3	8.2/9.4	8.2/9.6	8.5/9.8	8.4/9.9
BRO	0.28	1.1/1.6	1.5/1.7	1.5/1.9	1.6/2.3	1.7/2.0	1.8/2.2	1.8/2.2	2.4/4.8	2.8/4.9	3.3/5.0	3.6/5.1	3.5/5.2	3.7/5.3	4.0/5.3	4.0/5.4
BTV	0.09	1.9/2.4	2.2/2.6	2.4/2.8	3.3/4.5	3.9/5.8	5.0/5.2	6.0/4.7	6.4/6.2	6.5/6.4	6.3/6.5	6.1/6.7	6.1/6.8	6.2/7.1	6.8/7.3	6.2/7.6
BUF	0.12	3.7/2.5	3.7/3.0	3.4/3.8	3.8/5.0	4.5/6.1	4.7/5.0	5.5/5.8	6.0/7.1	6.5/7.3	5.9/7.5	5.6/7.7	5.6/7.9	6.0/8.1	6.7/8.3	6.4/8.5
BUR	0.00	3.7/3.7	4.7/5.1	5.1/5.3	4.8/4.8	5.3/5.2	5.2/5.3	5.1/5.3	5.6/5.6	4.9/5.6	4.9/5.6	5.5/5.6	6.0/5.6	5.9/5.7	6.2/5.6	6.7/5.6
BWI	-0.10	2.4/2.1	3.0/2.8	3.3/3.1	3.5/3.0	5.2/3.1	6.0/5.4	6.1/5.4	6.2/6.4	6.9/6.5	6.5/6.5	6.5/6.5	6.9/6.6	6.8/6.7	6.8/6.9	7.2/7.0
CAE	-0.09	2.9/2.4	3.1/2.7	2.9/2.4	3.5/2.7	3.9/3.4	4.1/3.3	4.0/4.2	4.4/5.0	4.7/5.0	5.6/5.1	5.5/5.1	5.4/5.1	5.5/5.2	5.1/5.2	5.4/5.3
CHA	-0.31	2.1/1.8	3.3/2.2	2.8/2.5	4.0/2.9	3.8/3.0	4.1/2.8	4.7/3.6	5.3/4.1	6.1/4.2	5.8/4.2	6.0/4.3	5.8/4.3	5.0/4.4	5.5/4.5	5.3/4.5
CLE	0.06	4.2/2.8	4.0/3.5	4.4/3.9	3.6/4.4	4.1/5.3	4.9/5.0	5.9/4.9	5.5/6.5	7.0/6.7	6.6/6.9	5.8/7.2	5.5/7.3	5.5/7.5	6.0/7.8	5.9/8.0
CLT	-0.29	3.1/2.4	3.6/2.4	3.0/2.7	3.4/2.2	4.2/2.7	4.4/3.1	3.8/3.6	4.3/4.1	4.6/4.1	5.8/4.2	5.8/4.3	6.1/4.4	5.8/4.5	5.5/4.6	5.3/4.7
CMH	0.04	2.1/2.0	2.8/2.8	2.5/3.2	2.5/3.5	2.7/3.3	4.0/3.7	4.6/3.7	5.4/5.5	6.4/5.6	6.3/5.9	5.4/6.0	5.5/6.2	5.8/6.3	6.1/6.5	6.0/6.7
CON	-0.05	3.3/2.5	3.9/3.0	3.9/3.2	4.9/3.8	5.6/5.4	6.8/8.1	7.4/7.0	8.1/7.9	8.2/8.1	7.6/8.1	8.0/8.2	8.0/8.5	7.9/8.5	8.2/8.8	7.7/8.8
COS	-0.02	2.6/2.3	3.1/2.8	3.6/3.3	3.7/3.3	4.8/3.8	5.5/4.7	6.4/6.6	8.3/8.0	8.1/8.0	7.1/8.1	7.3/8.2	7.7/8.5	8.3/8.5	7.8/8.6	8.1/8.8
COU	0.05	2.3/1.6	2.1/2.3	1.9/2.6	2.9/3.5	3.0/3.5	4.2/4.1	4.1/4.5	5.1/5.7	5.7/5.7	5.1/5.7	5.2/5.8	5.5/5.9	6.0/5.9	5.9/6.0	5.6/6.2
COT	-0.18	3.5/2.2	3.9/4.1	4.1/3.8	4.1/4.0	4.7/3.7	4.9/3.9	4.5/3.7	4.7/3.7	4.6/3.6	4.1/3.6	3.8/3.6	4.2/3.5	4.0/3.5	4.0/3.6	4.0/3.5
CRP	0.36	2.0/2.5	2.5/3.1	2.7/2.4	2.0/2.8	2.4/2.9	2.2/2.7	2.5/3.0	2.3/6.4	2.5/6.5	3.0/6.6	3.1/6.8	3.1/6.9	3.4/7.1	3.8/7.3	3.7/7.4
CRW	-0.14	3.1/2.4	3.4/2.7	3.2/3.3	3.8/3.1	5.2/4.5	5.7/4.6	6.4/5.0	7.2/6.4	8.2/6.5	7.7/6.5	7.5/6.6	6.7/6.6	6.4/6.7	7.0/6.8	7.0/6.9
CVG	-0.11	2.2/1.9	2.2/2.5	2.6/3.1	2.7/3.4	3.2/2.9	3.7/3.0	4.3/3.4	4.9/4.3	5.7/4.5	5.5/4.5	5.6/4.6	5.4/4.8	5.8/5.0	5.9/5.1	5.7/5.3
DAY	0.16	2.0/2.8	2.6/3.6	3.0/4.0	3.2/4.5	3.4/3.8	4.1/4.5	4.7/4.4	5.6/6.0	6.2/6.2	6.0/6.5	5.4/6.7	5.4/6.9	5.6/7.2	5.9/7.5	5.8/7.8
DBQ	0.03	2.1/2.0	2.7/2.6	3.3/3.2	4.2/4.5	4.8/4.7	4.6/4.7	4.9/4.9	5.3/5.6	5.2/5.7	5.0/5.7	5.7/5.9	5.9/6.1	6.1/6.2	5.9/6.4	5.9/6.5
DCA	-0.23	2.9/2.4	3.1/2.7	3.7/3.3	4.1/2.9	5.9/3.2	6.2/5.1	6.8/5.3	6.6/5.8	7.2/5.9	6.8/6.0	6.7/6.0	7.1/6.1	6.7/6.2	6.8/6.2	7.2/6.4
DEC	-0.12	2.3/1.8	2.6/2.5	2.8/3.2	3.4/3.0	3.7/2.9	4.6/4.1	4.2/4.2	5.1/4.7	5.5/4.7	5.2/4.8	5.3/4.8	5.3/4.8	6.0/4.8	6.1/4.9	5.4/5.1
DEN	0.09	2.7/2.4	2.7/3.2	3.0/3.6	3.3/3.0	4.6/3.9	5.1/4.5	6.0/5.9	7.3/8.4	7.2/8.5	6.5/8.7	6.6/8.8	7.6/9.0	7.8/9.2	7.2/9.2	7.4/9.5
DFW	-0.08	2.9/2.5	3.4/2.5	3.3/2.5	3.5/2.9	3.3/3.5	3.2/4.1	3.8/3.9	4.1/4.2	4.9/4.3	4.3/4.4	4.4/4.5	4.9/4.5	5.1/4.6	5.2/4.8	5.2/5.0
DLH	0.03	4.5/3.1	4.1/3.9	4.4/4.7	5.2/6.1	5.5/6.5	6.6/7.0	6.8/7.7	7.7/7.4	7.6/7.6	7.4/7.7	7.7/7.9	7.9/8.1	7.5/8.3	7.5/8.6	7.5/8.8
DSM	0.04	3.1/3.2	3.5/3.2	3.9/3.7	4.6/4.1	5.6/5.2	5.6/5.1	5.5/6.3	5.7/6.8	5.9/6.9	5.6/7.0	6.2/7.1	6.9/7.2	6.9/7.3	6.9/7.3	6.4/7.5
DTW	-0.00	2.9/2.0	3.5/2.6	3.4/3.1	3.2/3.7	3.6/4.9	4.4/3.8	4.9/3.8	4.1/4.7	4.8/4.9	4.5/5.0	4.7/5.1	4.5/5.5	5.2/5.7	5.3/5.9	5.2/6.2
ELP	0.05	2.1/1.8	2.3/1.5	2.8/1.5	2.8/2.2	3.5/2.7	3.2/2.8	3.5/4.2	4.4/7.3	5.1/7.5	4.7/7.6	4.5/7.9	5.1/8.1	5.4/8.3	5.9/8.5	6.4/8.7
ERI	-0.03	3.1/2.1	3.5/2.7	3.9/3.0	4.0/4.8	4.7/5.4	5.4/5.8	6.9/5.2	6.8/6.7	7.4/6.9	7.1/7.2	6.3/7.3	6.0/7.4	6.3/7.6	7.2/7.8	6.9/8.1
EUG	-0.07	2.8/2.4	2.9/2.3	3.3/1.9	3.9/2.7	4.7/4.2	4.4/4.5	4.7/4.8	5.1/6.7	5.3/6.7	6.2/6.8	6.6/6.9	7.0/7.0	7.1/7.1	7.2/7.1	7.1/7.2
EVV	-0.12	2.9/2.0	3.1/2.3	2.9/3.1	2.9/2.8	3.2/3.0	3.5/3.2	4.3/3.3	5.3/4.7	6.0/4.8	5.7/4.9	5.6/5.1	5.1/5.1	5.3/5.3	5.6/5.4	5.1/5.5
EWR	-0.13	4.8/2.3	4.8/3.5	4.8/3.6	4.8/4.2	5.1/4.8	7.1/6.4	6.9/5.6	6.9/7.0	7.0/7.1	7.2/7.2	7.2/7.3	7.1/7.5	6.7/7.6	7.3/7.9	7.3/8.0
FAR	-0.05	4.0/3.3	4.4/3.9	4.5/4.8	5.2/5.7	5.9/6.0	6.5/6.1	7.3/5.9	6.7/6.3	7.7/6.6	7.4/6.5	7.5/6.8	7.6/6.9	6.9/7.2	6.5/7.3	6.7/7.6
FAT	0.24	2.3/1.9	2.3/1.7	2.3/2.2	2.6/2.4	3.2/3.0	3.7/3.2	3.9/3.9	4.1/8.8	4.3/9.1	3.6/9.3	4.0/9.5	4.5/9.8	4.8/10.1	4.6/10.4	4.6/10.6
FLG	0.17	1.6/1.6	1.7/2.4	1.9/2.5	2.0/2.5	2.7/3.2	3.5/3.5	4.6/5.2	6.1/8.9	6.9/9.0	7.2/9.2	7.8/9.3	7.9/9.4	8.2/9.5	8.3/9.7	8.4/10.0
FMY	0.08	1.6/1.6	2.3/1.9	2.4/2.3	2.7/2.5	2.8/2.3	2.6/2.2	2.8/2.2	2.7/2.9	2.5/3.0	2.5/3.1	2.2/3.2	2.0/3.2	2.1/3.3	2.4/3.4	2.3/3.6
FSD	0.05	2.7/2.5	2.9/3.4	3.6/4.0	4.2/5.1	5.0/5.6	5.5/5.9	6.5/5.8	6.6/6.9	7.6/7.0	6.7/7.2	6.4/7.3	7.4/7.4	7.1/7.6	7.4/7.6	7.1/7.8
FWA	0.03	1.9/2.3	2.3/2.7	3.2/3.5	3.5/3.9	3.8/3.7	4.4/4.4	5.1/4.6	5.7/5.3	6.1/5.4	5.7/5.5	5.5/5.7	5.5/5.9	6.0/6.1	5.9/6.3	5.5/6.5

GAD	-0.61	3.8/1.9	3.9/2.3	3.9/2.4	4.2/2.4	3.9/2.3	4.0/2.6	4.8/3.8	5.5/3.2	5.6/3.2	5.5/3.3	5.7/3.3	5.1/3.3	4.7/3.4	5.2/3.5	4.9/3.5
GEG	0.25	1.6/1.9	1.6/2.0	1.5/2.5	2.1/2.9	2.8/3.4	3.4/4.6	3.8/5.0	4.3/7.5	4.9/7.5	5.1/7.6	5.3/7.7	6.4/7.8	6.9/7.8	6.9/7.9	6.5/8.0
GTF	0.19	2.5/4.0	3.2/4.8	2.8/4.6	3.5/4.9	4.7/5.0	5.3/5.6	5.3/5.0	5.5/7.4	4.7/7.5	5.3/7.5	6.2/7.5	6.7/7.6	7.1/7.7	7.4/7.8	7.7/7.9
HOU	0.09	1.7/1.7	1.9/1.8	2.2/1.8	2.4/2.4	2.6/2.4	2.5/2.2	3.0/2.5	3.0/3.8	3.2/3.9	2.9/3.9	3.0/4.0	3.0/4.1	2.9/4.4	3.2/4.5	3.4/4.5
HSV	-0.34	3.1/2.8	3.5/2.8	3.8/2.8	5.0/3.5	4.8/3.6	5.1/3.9	6.0/4.9	6.9/4.8	7.6/4.7	7.0/4.8	6.8/4.8	6.6/4.9	5.9/4.9	6.6/5.0	6.4/5.0
IAH	0.07	1.5/1.5	2.0/1.8	2.1/1.7	2.8/2.4	3.3/2.5	3.3/2.9	3.7/3.4	3.6/5.1	4.1/5.2	3.9/5.3	3.8/5.4	3.9/5.6	3.8/5.6	4.4/5.7	4.5/5.9
ICT	0.02	3.6/2.9	3.4/3.9	3.4/4.2	4.1/4.7	4.7/5.0	5.5/5.3	6.6/6.0	7.4/8.1	8.8/8.2	8.1/8.3	7.6/8.4	7.8/8.5	8.6/8.5	8.7/8.7	8.6/8.7
ILG	-0.08	2.1/2.3	2.9/2.3	3.2/3.3	3.5/3.1	5.2/3.8	6.1/5.5	6.1/4.9	6.5/6.2	7.1/6.3	6.4/6.5	6.7/6.6	7.1/6.7	6.6/6.9	6.8/7.0	6.9/7.0
IND	-0.21	2.7/2.1	2.9/2.4	3.5/3.2	4.0/3.6	3.9/3.2	4.6/3.8	5.5/4.1	6.1/4.8	6.6/4.8	6.3/5.0	6.3/5.1	6.0/5.2	6.5/5.4	6.6/5.5	6.1/5.6
IPT	-0.15	2.5/2.4	3.8/2.9	4.3/3.2	4.5/3.6	5.6/4.0	7.0/6.0	6.9/5.5	7.5/6.5	7.8/6.5	7.3/6.7	6.7/6.7	7.0/6.9	7.3/7.1	7.3/7.3	7.5/7.5
JAN	-0.06	2.6/2.2	2.4/1.8	2.8/2.6	3.5/2.5	3.4/2.7	3.4/3.5	3.9/3.8	4.3/4.6	4.9/4.7	4.6/4.8	4.5/4.8	4.3/4.8	4.5/4.9	4.8/5.0	4.7/5.0
JAX	-0.10	3.5/1.8	4.0/2.4	4.4/2.6	4.8/2.8	4.8/3.8	5.0/3.7	5.7/5.4	5.6/7.0	5.3/7.1	5.4/7.2	5.2/7.3	5.2/7.4	5.2/7.5	5.4/7.5	5.3/7.7
JFK	-0.12	2.9/2.4	3.0/3.1	3.6/3.2	3.7/3.2	4.2/3.4	5.6/4.2	5.1/4.3	5.4/4.9	5.6/5.0	5.1/4.9	5.4/5.0	5.5/5.0	5.2/5.1	5.4/5.3	5.5/5.4
LAN	-0.00	3.2/2.5	3.7/3.1	3.7/3.0	3.8/4.5	4.2/5.8	4.6/4.3	4.7/4.6	5.2/4.8	5.2/4.9	4.5/5.1	5.0/5.3	5.0/5.5	5.6/5.7	5.5/5.8	5.2/6.1
LAS	0.39	1.4/1.5	1.6/1.9	1.8/2.4	2.4/2.1	2.4/3.0	2.4/2.9	2.9/2.9	3.5/9.6	3.8/10.0	3.5/10.3	3.7/10.6	4.3/11.0	4.4/11.3	4.3/11.6	4.4/11.9
LAX	-0.09	2.2/2.2	2.1/2.5	2.1/2.9	2.5/2.8	2.8/2.9	2.9/2.7	2.7/2.9	2.3/1.9	2.1/1.9	2.2/1.9	2.2/1.8	2.5/1.9	2.5/1.8	2.2/1.9	2.6/1.9
LEX	-0.19	2.4/1.3	2.3/1.6	2.4/2.2	2.8/2.5	3.8/3.5	4.0/3.0	4.6/3.5	5.6/4.9	6.9/5.0	6.3/5.2	6.0/5.3	5.3/5.4	5.2/5.6	5.6/5.7	5.5/5.9
LFK	-0.01	2.3/1.6	2.6/1.6	2.5/1.7	2.5/2.4	2.5/2.6	3.0/3.1	3.2/2.5	3.1/4.5	3.8/4.6	3.9/4.8	3.7/5.0	3.8/5.1	4.2/5.2	4.5/5.3	4.6/5.6
LGA	-0.16	4.1/2.1	4.4/3.0	4.4/3.5	4.5/3.7	5.2/4.8	7.0/5.9	6.3/5.0	6.7/6.7	7.2/6.7	7.1/6.8	7.2/7.1	7.2/7.1	6.9/7.3	7.4/7.5	7.3/7.6
LGB	-0.40	4.1/3.8	4.6/4.0	4.9/4.7	4.8/3.7	5.7/4.5	6.0/4.7	5.8/4.8	6.3/4.0	5.3/3.9	5.5/3.9	6.0/4.0	6.9/4.1	6.7/4.1	6.9/4.1	7.4/4.0
LIT	-0.13	2.4/2.3	3.1/2.5	3.4/3.3	3.5/3.4	4.6/4.1	4.2/4.4	5.2/6.1	6.3/5.6	7.6/5.6	6.5/5.7	6.7/5.8	7.1/5.8	7.2/5.9	7.3/5.9	6.8/5.8
LNS	0.07	2.3/2.3	3.0/2.8	3.2/3.6	3.5/3.2	4.2/3.9	5.5/5.4	5.9/5.2	6.4/7.0	6.7/7.2	6.1/7.5	6.1/7.7	6.4/7.9	6.3/8.2	6.6/8.5	6.7/8.8
MAF	0.11	2.4/3.3	2.6/3.6	3.3/3.3	3.5/3.9	3.5/4.3	4.7/5.5	5.4/6.2	5.8/6.9	6.9/7.1	6.6/7.2	6.5/7.2	6.6/7.4	7.1/7.5	7.3/7.6	7.5/7.7
MBA	0.01	3.6/2.5	4.1/3.1	4.1/4.1	4.5/4.4	5.0/6.1	6.6/7.5	7.0/6.2	7.6/8.1	8.2/8.3	7.5/8.4	7.7/8.5	7.8/8.6	7.6/8.8	8.1/9.1	7.6/9.2
MCI	-0.01	3.1/2.7	2.5/2.3	2.7/3.0	3.7/3.8	4.0/4.1	5.1/4.0	4.8/5.2	5.3/6.3	6.1/6.4	6.0/6.5	6.1/6.5	6.5/6.5	7.2/6.7	7.2/6.8	6.8/6.9
MCN	-0.10	3.5/2.5	3.6/2.9	3.8/3.5	4.2/3.0	3.9/2.8	4.2/3.3	4.5/3.7	4.7/4.8	4.5/4.8	4.9/5.0	5.0/5.0	4.9/5.2	4.4/5.3	4.7/5.3	4.7/5.4
MCO	0.20	1.8/1.7	2.1/1.9	2.0/2.5	2.3/2.6	2.8/2.8	2.8/3.0	3.3/3.3	3.3/5.1	3.5/5.1	3.2/5.2	3.4/5.2	3.1/5.2	3.5/5.3	3.7/5.4	3.6/5.5
MDT	-0.03	2.1/2.5	3.0/3.2	3.5/3.6	3.5/3.5	4.8/3.8	6.0/5.3	6.2/5.3	6.7/5.9	6.7/6.1	6.1/6.1	6.2/6.2	6.2/6.2	6.1/6.3	6.5/6.4	6.6/6.6
MEM	-0.07	3.0/2.0	3.4/2.5	2.9/2.5	2.7/2.7	3.4/3.5	3.1/3.6	4.0/4.8	4.8/5.2	6.0/5.3	5.5/5.3	5.4/5.3	5.6/5.5	5.9/5.5	6.6/5.6	5.9/5.7
MHT	0.06	3.4/2.1	3.7/2.9	3.8/3.7	4.5/4.4	5.1/6.3	6.4/7.5	6.8/6.9	7.4/8.5	7.6/8.7	7.0/8.9	7.4/9.0	7.5/9.2	7.4/9.5	7.8/9.5	7.3/9.9
MIA	0.09	1.3/1.8	1.6/1.9	1.6/2.4	1.6/2.3	1.8/2.4	1.9/2.4	2.2/2.5	2.5/2.1	2.4/2.2	2.6/2.3	2.6/2.4	2.4/2.4	2.4/2.4	2.3/2.5	2.2/2.6
MKE	-0.10	5.1/3.6	5.6/3.4	5.9/4.2	6.6/6.9	7.2/7.4	7.5/6.4	7.9/7.2	7.5/7.6	7.1/7.7	7.1/7.8	8.1/7.8	8.0/8.0	8.7/8.1	8.3/8.2	8.0/8.4
MOB	-0.05	2.4/1.5	2.3/1.6	2.5/2.0	2.7/1.9	3.1/1.6	2.9/2.0	2.6/2.6	2.7/3.9	2.9/3.9	3.0/4.0	2.7/4.2	2.9/4.3	3.1/4.4	3.3/4.5	3.6/4.7
MSP	0.18	2.9/3.3	2.8/3.9	3.8/5.1	4.9/5.8	5.1/6.4	5.5/6.9	5.9/6.6	6.0/7.6	7.4/7.6	6.8/7.9	6.4/8.1	7.5/8.3	7.3/8.6	7.1/8.8	6.6/9.1
MSY	0.13	1.9/1.5	1.8/2.0	2.0/2.1	2.2/2.0	2.6/2.3	2.8/2.4	2.6/2.5	3.0/4.4	3.4/4.4	3.3/4.5	3.0/4.5	2.9/4.7	3.1/4.7	3.3/4.9	3.3/5.0
MWL	0.02	3.2/3.4	3.1/3.4	3.0/3.1	3.5/3.5	3.1/4.0	3.5/4.7	4.7/4.6	5.0/5.1	5.4/5.2	5.1/5.2	5.4/5.1	5.5/5.1	5.4/5.1	5.4/5.2	5.4/5.2
NKX	-0.03	2.8/2.9	3.5/3.5	3.8/3.9	3.9/3.6	4.4/4.1	4.3/4.0	4.5/4.2	4.4/0.0	4.3/0.0	4.1/0.0	3.7/0.0	3.7/0.0	3.7/0.0	4.1/0.0	4.1/0.0
NTU	0.11	3.9/2.8	3.7/3.2	3.8/3.7	3.8/3.2	4.2/4.6	4.7/4.8	4.5/6.3	5.0/7.5	6.3/7.6	5.8/7.7	5.2/7.9	6.1/8.0	6.4/8.1	6.2/8.2	6.3/8.3
OAK	-0.28	5.3/3.4	5.7/4.1	5.9/3.7	6.2/4.1	5.7/4.3	5.7/4.4	5.2/4.4	5.1/4.8	5.5/4.8	5.5/4.8	5.8/4.8	5.9/4.8	5.9/4.8	5.6/4.8	5.3/4.7
OKC	-0.14	3.4/1.9	3.4/3.4	3.5/3.4	4.1/3.6	4.8/4.2	5.1/5.9	6.7/5.9	7.4/6.8	8.4/6.8	7.6/6.9	7.2/6.9	7.6/7.0	8.1/7.1	8.0/7.1	7.9/7.2
OMA	0.02	3.5/3.1	3.7/3.3	4.5/3.7	4.7/4.4	5.3/4.6	5.5/5.0	6.4/6.3	6.7/7.3	6.8/7.4	6.1/7.5	6.7/7.7	7.1/7.9	7.1/8.0	7.0/8.2	6.3/8.4
ORD	0.03	2.8/2.9	3.5/2.8	3.8/4.5	5.0/4.8	5.5/5.9	5.7/5.1	5.7/5.6	5.6/5.9	5.2/5.9	5.3/6.2	6.1/6.3	5.9/6.5	6.7/6.6	6.3/7.0	6.0/7.2
ORH	-0.03	4.2/2.1	4.5/3.2	4.3/3.9	4.9/4.5	5.1/5.2	6.0/6.8	6.1/5.8	7.1/7.7	7.4/7.8	6.6/8.0	6.9/8.0	7.1/8.2	7.3/8.4	7.7/8.6	7.3/8.7
PDT	0.15	2.1/1.9	2.2/2.1	1.8/3.0	2.7/3.5	3.9/4.4	4.3/4.4	4.7/4.6	5.1/7.5	5.1/7.5	4.9/7.6	5.6/7.6	6.5/7.7	7.3/7.7	7.5/7.9	7.5/8.0
PDX	0.12	2.6/2.6	2.9/3.2	3.1/3.2	3.7/3.4	4.7/4.5	4.7/5.3	5.0/5.5	5.3/8.0	5.3/8.0	6.3/8.2	6.7/8.3	7.5/8.4	7.6/8.6	7.6/8.6	7.4/8.8
PHL	0.02	2.3/2.2	3.3/3.3	3.9/3.5	4.5/3.8	5.3/4.8	6.9/6.1	6.4/5.4	6.8/7.3	7.2/7.5	6.5/7.6	7.1/7.8	7.0/8.0	6.5/8.2	7.0/8.4	7.0/8.5
PHX	0.19	2.2/1.5	2.2/2.0	2.3/2.0	3.0/2.1	3.4/2.7	3.4/3.3	3.8/3.4	4.5/9.8	4.5/10.1	4.4/10.3	4.6/10.5	5.1/10.8	5.2/11.1	5.3/11.3	5.2/11.5
PIR	0.06	2.5/2.3	3.5/3.9	3.5/4.5	3.9/5.2	5.3/5.4	5.2/5.6	6.3/6.0	7.2/7.3	7.3/7.3	6.6/7.3	6.8/7.4	7.6/7.5	7.2/7.6	7.2/7.9	7.1/7.9
PIT	-0.01	2.5/2.2	2.6/2.7	2.4/2.6	2.7/2.9	4.5/5.0	5.0/5.3	5.9/5.0	7.0/6.6	7.7/6.6	7.4/6.7	6.7/6.8	6.5/7.0	6.4/7.1	7.2/7.2	7.3/7.4
PVD	-0.19	3.5/1.8	3.5/3.7	3.3/3.7	3.8/4.0	4.3/4.5	6.6/5.6	6.6/5.5	7.2/6.4	7.8/6.3	8.3/6.4	8.2/6.5	8.2/6.5	7.6/6.6	8.1/6.6	7.7/6.8
PWM	0.07	2.5/2.0	3.0/3.2	3.2/4.1	4.0/4.6	5.1/6.6	6.3/7.4	6.6/7.3	7.4/7.6	7.8/7.8	7.4/8.0	7.9/8.1	7.8/8.3	7.6/8.3	7.9/8.5	7.6/8.7
RAL	0.14	2.6/2.8	3.2/3.3	3.2/3.5	3.4/3.6	3.8/4.3	4.1/4.3	4.6/4.6	4.5/6.7	4.6/6.7	4.8/6.8	5.8/6.9	5.9/7.0	6.0/7.0	6.0/7.0	5.9/7.1
RAP	0.17	2.3/2.9	2.5/4.2	3.0/4.4	3.4/4.3	4.8/4.7	4.9/4.6	6.0/6.3	6.9/7.5	6.9/7.7	5.5/7.7	6.1/7.9	7.1/8.0	6.7/8.1	6.4/8.2	6.7/8.3
RBL	0.20	2.8/3.1	3.2/3.6	3.2/3.5	4.3/4.2	5.0/5.1	5.3/5.3	5.6/6.1	6.5/10.2	6.9/10.5	7.0/10.7	7.4/11.0	7.9/11.2	8.0/11.5	7.8/11.7	7.5/12.0
RDD	0.13	3.1/2.6	3.7/2.7	3.5/2.5	4.2/3.8	4.9/4.5	5.2/5.6	5.2/6.1	6.0/10.5	6.4/10.7	6.7/10.9	7.6/11.2	7.8/11.5	8.1/11.7	8.1/12.0	7.9/12.3
RDU	0.09	2.9/2.8	3.7/2.9	2.5/2.2	2.7/2.5	3.7/2.8	4.3/3.9	4.0/4.3	4.2/6.6	4.3/6.7	5.1/6.8	5.1/7.0	5.6/7.1	5.4/7.3	4.9/7.3	5.1/7.5
RIC	0.00	3.0/2.5	3.3/3.0	3.6/3.1	3.7/3.1	5.0/3.7	5.3/4.7	5.3/4.6	5.3/6.8	5.9/6.9	6.3/7.0	5.9/7.1	6.1/7.3	6.1/7.5	6.3/7.5	6.4/7.6
RNO	0.36	1.5/1.6	1.5/1.9	1.9/2.0	2.4/2.9	3.3/3.1	3.7/4.1	3.8/4.4	3.7/9.9	3.8/10.1	4.1/10.3	4.1/10.6	4.5/10.8	4.9/11.1	4.8/11.4	4.6/11.6

ROA	-0.12	3.0/2.3	3.0/3.0	3.0/3.0	3.4/3.2	4.9/3.9	5.4/4.4	5.1/4.2	5.5/5.2	5.6/5.3	6.3/5.4	6.0/5.5	6.5/5.6	6.2/5.6	6.0/5.6	6.2/5.8
ROC	-0.06	4.7/2.5	4.9/2.9	4.6/3.5	4.6/5.5	5.1/5.9	5.7/6.0	6.5/6.2	7.1/7.2	7.0/7.4	6.7/7.5	6.7/7.7	6.6/7.9	6.9/8.1	7.8/8.4	7.5/8.5
SAC	0.22	3.7/3.5	3.7/4.5	3.7/4.7	4.1/5.0	4.5/5.2	5.1/6.1	5.3/6.7	6.0/8.7	6.0/8.9	6.2/9.1	6.5/9.2	7.1/9.3	6.9/9.5	6.7/9.6	6.5/9.7
SAN	-0.23	3.2/2.3	3.6/3.5	3.7/3.4	3.9/3.2	3.6/3.0	3.3/4.0	3.3/3.7	3.4/2.9	3.1/2.9	3.2/2.8	3.8/2.8	4.1/2.8	4.1/2.8	4.2/2.8	4.5/2.8
SAT	0.30	1.9/3.1	2.1/3.3	2.6/3.4	2.6/3.6	3.2/3.7	3.1/3.9	3.3/4.9	3.8/6.4	4.5/6.6	4.9/6.7	4.5/6.9	4.4/7.0	4.9/7.1	5.4/7.3	5.2/7.4
SAV	-0.20	3.5/2.0	4.5/2.1	4.9/2.8	5.6/2.9	4.5/3.3	4.6/3.9	5.2/4.8	5.2/6.1	4.8/6.2	5.4/6.3	5.3/6.2	5.6/6.2	5.5/6.3	5.5/6.4	5.6/6.5
SDF	-0.15	2.6/1.5	3.0/2.1	3.0/2.6	2.5/2.8	3.3/2.9	3.4/2.9	4.2/3.5	5.6/4.9	6.6/5.0	6.0/5.0	5.7/5.3	5.2/5.5	5.3/5.5	5.4/5.7	5.4/6.0
SEA	0.07	2.4/1.5	2.2/2.6	2.4/3.1	2.9/3.4	4.2/4.1	4.6/4.6	4.9/4.8	5.7/6.2	5.0/6.3	4.1/6.3	4.7/6.4	5.9/6.4	5.9/6.5	5.8/6.5	5.9/6.6
SFO	-0.23	4.9/3.5	4.8/3.8	4.9/3.9	5.5/4.4	5.7/4.3	5.7/3.9	5.3/4.3	5.0/4.6	5.3/4.6	5.1/4.6	5.0/4.5	5.3/4.5	5.4/4.5	5.5/4.5	5.3/4.5
SJC	-0.04	4.1/3.4	3.7/3.4	3.6/3.1	3.9/4.5	4.6/4.7	5.0/4.4	5.3/4.9	5.1/4.6	4.7/4.6	4.3/4.5	4.6/4.5	4.9/4.5	4.7/4.6	4.6/4.6	4.2/4.7
SJT	0.12	3.2/3.5	2.9/3.7	3.2/3.3	3.6/3.5	2.9/3.6	3.9/4.1	4.5/4.0	4.5/5.6	5.2/5.6	4.9/5.8	4.9/6.0	4.9/6.1	5.0/6.2	5.1/6.4	4.9/6.5
SLC	0.24	1.9/2.1	2.3/2.0	2.5/2.5	3.3/3.5	4.0/4.1	4.0/4.5	4.3/5.2	4.8/7.6	4.9/7.9	4.7/8.1	4.5/8.3	5.1/8.5	5.2/8.8	5.5/9.1	5.2/9.3
SSI	-0.17	2.7/1.7	2.7/1.7	2.8/1.9	3.3/1.9	3.8/2.1	4.3/2.5	4.6/3.5	4.7/5.2	4.3/5.3	4.0/5.4	4.0/5.5	4.2/5.5	4.6/5.5	4.6/5.6	4.7/5.7
STL	0.02	2.9/2.5	2.5/3.2	2.7/3.4	3.3/4.0	3.3/3.4	4.1/4.1	4.5/4.8	5.6/5.6	6.5/5.8	5.9/5.8	5.9/5.8	5.7/6.0	6.8/6.2	6.9/6.3	6.0/6.4
SYR	0.04	2.5/2.0	3.0/2.5	3.2/2.9	3.1/4.5	4.6/5.5	5.5/5.5	6.9/5.7	7.1/7.2	7.3/7.3	6.8/7.5	6.5/7.7	6.7/7.8	6.8/8.1	7.1/8.3	7.0/8.5
TLH	-0.08	3.2/2.0	3.1/2.4	3.1/2.4	3.6/2.7	3.8/3.1	4.1/3.0	4.4/3.6	4.3/4.8	4.1/4.8	4.3/4.9	4.3/5.0	4.2/5.0	4.4/5.2	4.7/5.3	4.9/5.5
TPA	0.14	1.9/1.7	2.5/2.2	2.6/2.3	3.0/2.6	3.1/2.7	2.8/2.8	2.6/2.6	2.5/4.7	2.2/4.7	2.4/4.8	2.7/4.9	3.5/5.0	3.9/5.1	4.3/5.2	4.6/5.3
TRM	0.16	2.3/2.1	2.7/2.3	3.0/2.3	3.2/2.3	3.4/2.6	3.5/2.7	3.6/3.4	3.7/6.8	3.4/6.9	3.8/7.1	3.5/7.3	3.6/7.6	3.7/7.8	3.9/8.0	4.1/8.2
TUL	-0.05	2.9/2.3	3.1/2.8	3.2/4.2	3.7/4.5	4.1/4.8	5.2/5.9	6.5/6.8	7.9/7.3	8.8/7.3	8.2/7.3	7.7/7.4	8.0/7.3	8.8/7.3	8.7/7.4	8.5/7.4
TUS	0.17	2.0/1.5	1.8/1.8	2.0/2.2	2.7/2.3	3.5/2.9	3.9/3.6	4.3/3.7	5.2/9.0	5.6/9.2	5.5/9.4	5.6/9.6	5.5/9.9	5.7/10.1	5.9/10.3	6.2/10.5
TYR	0.05	2.3/2.2	2.6/2.3	2.3/2.6	2.6/3.1	2.7/2.7	3.0/3.6	3.4/3.5	3.5/4.1	4.2/4.0	3.6/4.0	3.6/4.1	3.8/4.2	4.0/4.3	4.3/4.3	4.2/4.2
TYS	-0.06	2.0/1.9	2.0/2.1	2.2/2.7	2.5/2.3	2.8/2.5	3.6/2.5	3.7/3.4	5.0/4.6	5.9/4.7	5.3/4.9	5.2/5.1	5.0/5.2	4.9/5.2	5.1/5.4	5.1/5.5
VCT	0.31	2.3/2.0	2.0/1.9	1.8/2.0	2.2/2.4	2.4/2.4	2.3/2.5	2.9/3.2	2.7/6.4	2.9/6.6	3.1/6.7	3.0/6.9	2.8/7.0	3.1/7.2	3.5/7.4	3.4/7.6
WJF	0.16	3.1/2.3	3.3/2.4	3.4/3.0	4.1/2.6	4.6/3.5	4.8/3.7	5.0/4.7	4.8/12.3	5.4/12.5	6.0/12.8	6.5/13.1	6.2/13.4	6.2/13.5	6.2/13.8	6.2/14.1
YKM	0.11	2.0/1.6	2.3/1.9	2.1/2.5	3.1/3.4	3.8/4.7	4.5/5.0	4.8/4.8	5.0/7.9	5.5/7.9	5.6/7.9	6.1/8.0	6.8/8.0	7.6/8.0	7.8/8.1	7.8/8.2
YNG	0.12	3.0/2.6	2.8/3.1	3.1/4.0	2.8/4.0	4.3/5.2	5.5/6.3	6.6/5.4	6.4/7.3	6.9/7.4	6.8/7.6	6.0/7.8	6.0/8.0	6.5/8.1	7.1/8.4	7.1/8.6
YQB	0.02	5.0/0.0	5.0/0.0	5.6/0.0	6.2/0.0	5.8/0.0	6.1/0.0	7.3/0.0	7.5/7.1	7.4/7.2	7.1/7.3	7.4/7.4	7.3/7.6	7.4/7.8	7.8/8.0	7.5/8.2
YUL	-0.10	3.4/0.0	4.2/0.0	5.3/0.0	6.4/0.0	5.9/0.0	7.1/0.0	8.1/0.0	8.0/6.2	8.7/6.3	7.1/6.4	7.3/6.6	6.8/6.8	7.0/7.0	7.1/7.2	7.1/7.4
YVR	0.14	3.0/0.0	3.2/0.0	3.4/0.0	3.4/0.0	3.7/0.0	3.5/0.0	3.5/0.0	3.8/3.8	3.8/3.9	2.9/4.0	3.1/4.1	3.6/4.2	3.7/4.2	3.7/4.3	3.7/4.4
YXD	0.22	3.2/0.0	3.5/0.0	4.2/0.0	3.8/0.0	5.0/0.0	6.5/0.0	6.2/0.0	6.5/8.2	6.5/8.4	6.5/8.5	6.6/8.7	7.0/8.9	7.2/9.1	7.5/9.3	7.3/9.5
YYC	0.23	5.0/0.0	4.9/0.0	4.3/0.0	4.6/0.0	5.0/0.0	5.8/0.0	5.7/0.0	5.6/7.9	5.0/8.0	5.6/8.1	6.2/8.2	6.6/8.3	7.1/8.4	7.4/8.5	7.5/8.6
YYZ	0.18	4.9/0.0	4.7/0.0	4.8/0.0	5.1/0.0	5.2/0.0	5.3/0.0	5.4/0.0	6.1/7.1	5.7/7.2	6.2/7.4	5.8/7.6	6.3/7.9	6.7/8.1	7.0/8.3	6.9/8.5

Bias (2009-05-01~2009-05-31)

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	1.80	0.1/0.6	0.5/0.8	1.0/0.7	1.4/-0.3	1.8/-0.7	1.5/-0.5	1.8/0.5	2.0/-2.5	1.9/-2.9	2.9/-3.2	3.0/-3.5	2.6/-3.9	2.3/-4.3	2.1/-4.6	2.1/-5.0
ABI	1.39	-0.2/-1.8	-0.3/-1.6	0.3/-1.1	1.0/0.2	0.7/-0.0	1.0/0.4	1.8/0.9	1.8/-1.4	1.5/-1.6	1.6/-1.8	2.4/-2.1	2.3/-2.3	2.4/-2.5	2.3/-2.8	2.3/-3.0
ABQ	0.54	-0.3/-0.5	-0.6/0.3	-1.0/0.0	-0.8/-0.2	-0.6/0.8	0.0/1.3	0.4/1.0	0.6/-4.7	0.4/-5.1	1.2/-5.4	1.7/-5.7	1.5/-6.0	1.6/-6.3	1.9/-6.6	2.3/-6.9
ABY	0.35	-0.3/-0.3	-0.4/0.8	-1.0/0.8	-1.3/-0.4	-0.8/0.3	-0.5/-0.1	-0.4/0.6	-0.2/-1.4	0.5/-1.6	0.9/-1.8	1.4/-2.1	1.7/-2.3	1.7/-2.5	2.0/-2.7	2.0/-3.0
ACT	-0.57	-0.4/-1.6	-0.6/-1.3	-0.5/-1.0	-0.9/-1.2	-1.2/-0.8	-0.9/-0.7	-0.5/0.5	-0.5/-3.2	-1.0/-3.4	-0.8/-3.6	-0.3/-3.9	0.0/-4.1	-0.2/-4.4	-0.4/-4.6	-0.2/-4.8
ACY	1.84	0.2/-0.4	0.6/-0.2	1.3/-0.4	1.8/-0.5	2.7/-1.2	1.9/-1.7	1.8/-1.0	1.6/-3.3	1.6/-3.6	2.6/-3.9	2.8/-4.3	2.3/-4.6	2.2/-4.9	1.9/-5.2	2.1/-5.5
ALB	1.64	-0.2/0.0	-0.1/-0.2	0.5/0.2	1.2/-1.2	1.5/-1.2	1.6/-1.3	1.9/-0.2	2.1/-1.7	2.8/-2.1	2.8/-2.5	2.6/-2.9	2.3/-3.3	1.8/-3.7	1.9/-4.1	1.9/-4.5
ALW	0.48	0.3/-0.6	0.7/-0.9	0.5/-0.2	0.3/-0.3	0.2/-0.4	1.5/-2.2	1.9/-2.9	1.4/-3.5	1.6/-3.7	0.8/-4.0	-0.4/-4.3	-1.1/-4.5	-0.5/-4.8	-0.2/-5.0	0.2/-5.3
AOO	0.80	-0.2/0.2	-0.4/0.4	-0.1/-0.5	0.9/-0.7	1.5/-0.7	1.4/-1.1	1.3/0.5	0.8/-1.0	1.0/-1.3	1.4/-1.6	1.4/-2.0	1.2/-2.3	0.6/-2.6	0.5/-2.9	0.7/-3.2
APN	0.19	-0.0/-1.3	0.0/-0.9	0.5/-1.6	1.1/-4.2	0.1/-4.5	0.7/-4.7	-0.2/-1.4	0.6/-3.4	0.6/-3.8	1.8/-4.3	-0.8/-4.7	-0.4/-5.2	-0.5/-5.6	-0.4/-6.1	-0.3/-6.5
ATL	0.68	-0.5/-0.3	-0.6/0.3	-1.1/0.6	-1.2/0.7	-0.9/0.7	-0.3/-0.0	-0.8/0.9	0.2/0.6	0.6/0.4	1.7/0.1	2.2/-0.1	2.6/-0.4	2.7/-0.6	2.9/-0.8	2.8/-1.0
AUG	2.15	1.2/-1.8	1.2/-1.8	2.0/-1.4	2.7/-2.0	2.7/-2.9	2.7/-1.8	2.7/-1.9	2.6/-1.8	3.6/-2.3	2.7/-2.7	2.2/-3.1	1.8/-3.5	1.5/-3.9	1.5/-4.4	1.3/-4.8
AUS	0.24	-0.1/0.0	0.3/-0.4	0.1/-0.2	0.4/0.1	0.2/-0.4	-0.3/0.4	0.0/-0.3	0.2/-4.1	-0.3/-4.3	-0.1/-4.5	-0.3/-4.6	0.4/-4.8	0.9/-5.0	1.0/-5.2	1.2/-5.4
AVP	2.43	0.2/0.4	0.7/0.4	1.2/0.4	2.3/-0.8	2.4/-1.5	2.3/-0.8	2.5/0.6	3.0/-1.3	3.0/-1.7	3.4/-2.0	3.4/-2.4	3.2/-2.8	3.1/-3.2	2.9/-3.5	2.7/-3.9
BDL	1.59	0.4/0.9	1.1/0.8	1.8/1.8	1.5/0.1	1.6/0.2	1.4/-0.9	0.9/0.1	1.0/-1.1	2.0/-1.5	2.4/-1.8	2.3/-2.2	2.1/-2.6	1.9/-3.0	1.9/-3.4	1.6/-3.7
BFL	-0.35	-0.9/-0.5	-0.8/0.1	-0.8/-0.3	-1.3/-0.5	-0.4/-0.2	0.3/0.3	0.1/-1.1	-0.3/-7.7	-0.3/-7.9	0.5/-8.2	-0.4/-8.5	-0.5/-8.7	-0.4/-9.0	-0.0/-9.3	-0.1/-9.5
BGM	1.86	0.5/-1.0	0.6/-1.4	1.5/-1.1	2.2/-1.3	2.0/-3.1	1.9/-2.3	2.1/-0.8	2.0/-3.1	2.4/-3.5	2.9/-3.9	2.6/-4.3	2.3/-4.7	1.9/-5.1	1.5/-5.5	1.4/-6.0
BHM	1.91	-0.3/0.3	-0.2/-0.2	-0.6/0.8	-0.2/0.9	0.5/0.6	1.1/0.5	0.9/1.7	1.9/0.0	2.1/-0.2	3.4/-0.4	3.6/-0.6	3.9/-0.9	4.0/-1.1	4.3/-1.3	4.2/-1.5
BIS	-0.85	-0.4/0.1	-0.8/1.3	-0.4/1.3	-1.0/0.5	-0.8/1.0	-0.7/1.6	-1.1/0.8	-1.2/-1.7	-1.7/-2.1	-1.9/-2.5	-1.7/-2.9	-0.8/-3.4	-0.5/-3.8	-0.1/-4.2	0.4/-4.6
BNA	2.00	-0.1/1.2	-0.4/0.6	-0.0/1.9	0.9/0.8	0.3/2.1	1.3/1.6	1.3/2.3	1.7/-0.9	1.9/-1.1	3.1/-1.4	3.7/-1.6	3.8/-1.9	4.1/-2.1	4.3/-2.3	4.1/-2.6
BOI	1.32	0.2/0.7	0.6/0.2	0.5/1.9	0.2/2.3	0.3/0.6	1.5/-0.8	1.3/-1.4	1.2/-6.2	1.5/-6.5	2.0/-6.8	1.7/-7.1	1.5/-7.4	1.8/-7.7	2.5/-8.0	3.0/-8.3
BOS	0.91	0.1/-0.3	0.6/-0.4	1.1/-1.0	1.5/-1.9	1.6/-1.6	1.2/-2.0	0.8/-2.5	0.7/-3.5	1.4/-3.8	1.4/-4.2	0.9/-4.5	0.7/-4.9	0.7/-5.2	0.4/-5.6	0.5/-5.9
BRO	0.77	0.0/1.3	-0.1/0.9	0.0/1.2	0.4/1.1	0.7/1.1	0.9/1.2	1.0/0.7	1.1/-4.1	1.1/-4.2	1.2/-4.4	1.2/-4.5	1.1/-4.7	1.1/-4.9	1.0/-5.0	1.0/-5.2
BTV	1.39	0.4/0.2	0.6/-0.5	1.3/-0.3	2.0/-2.9	2.0/-3.3	1.3/-1.5	1.8/-1.1	2.0/-1.9	2.1/-2.4	1.9/-2.9	1.7/-3.3	1.2/-3.8	0.8/-4.3	0.9/-4.8	0.8/-5.3
BUF	0.39	0.3/-0.8	-0.2/-1.2	0.0/-2.1	0.3/-4.2	0.6/-4.9	0.0/-3.6	-0.1/-2.0	-0.0/-3.5	-0.3/-3.9	0.8/-4.3	1.3/-4.7	1.1/-5.1	0.7/-5.5	0.6/-5.9	0.6/-6.3
BUR	1.86	0.6/-0.4	0.7/0.9	0.6/0.3	0.1/0.8	0.5/-1.5	1.2/-1.3	0.8/0.7	1.3/-2.2	1.0/-2.2	1.5/-2.3	3.4/-2.4	4.1/-2.4	3.9/-2.5	4.1/-2.6	4.2/-2.7
BWI	1.90	-0.3/-0.1	-0.4/0.6	0.3/0.4	1.4/0.7	2.1/-0.6	2.2/0.5	2.1/0.7	1.7/-1.6	1.9/-1.9	3.4/-2.2	3.4/-2.5	3.0/-2.8	2.6/-3.1	2.3/-3.4	2.7/-3.7
CAE	1.06	-0.4/0.4	-1.0/0.4	-0.9/0.8	-0.8/-0.2	-0.6/-0.3	-0.2/-0.7	0.1/-0.2	-0.2/-0.5	0.9/-0.7	2.4/-1.0	3.0/-1.2	3.2/-1.5	3.4/-1.7	3.4/-1.9	3.5/-2.2
CHA	1.68	-0.0/-0.1	-0.4/0.2	-0.2/1.0	0.1/1.1	0.8/0.5	1.6/1.2	0.9/0.8	1.6/-1.0	1.9/-1.2	2.9/-1.4	3.2/-1.6	3.1/-1.8	3.2/-2.1	3.4/-2.3	3.1/-2.5
CLE	1.14	0.5/-1.5	0.7/-1.6	1.0/-1.7	1.7/-3.3	1.6/-4.4	1.5/-3.0	1.0/-1.8	1.0/-4.3	1.1/-4.7	1.9/-5.0	1.3/-5.4	1.3/-5.8	0.9/-6.1	0.6/-6.5	1.0/-6.9
CLT	1.64	-0.9/0.5	-2.0/0.6	-1.1/1.5	-0.5/0.5	0.4/0.5	0.4/0.0	0.3/-0.3	0.4/-0.5	2.0/-0.7	3.8/-0.9	4.1/-1.2	4.4/-1.4	4.6/-1.6	4.5/-1.8	4.3/-2.0
CMH	0.97	-0.1/-0.9	-0.3/-1.4	0.2/-2.1	0.8/-2.2	1.0/-2.3	0.7/-2.4	0.8/-0.8	0.6/-3.3	0.9/-3.6	2.1/-4.0	1.6/-4.3	1.8/-4.7	1.5/-5.0	1.3/-5.4	1.7/-5.7
CON	1.51	1.0/0.1	1.2/0.2	1.8/1.2	2.2/-0.4	2.9/-0.5	2.3/-2.1	2.1/-0.5	1.8/-1.2	2.7/-1.5	1.3/-1.9	1.3/-2.4	0.9/-2.8	0.5/-3.2	0.4/-3.6	0.3/-4.0
COS	2.32	0.1/0.2	0.3/0.5	1.3/0.4	1.0/0.5	1.5/0.4	2.1/1.4	1.6/2.4	0.8/-3.9	0.8/-4.2	3.2/-4.5	3.9/-4.8	3.8/-5.2	4.1/-5.5	4.6/-5.8	5.7/-6.1
COU	0.13	-0.3/-0.3	-0.1/-0.3	0.0/-1.0	0.6/-1.5	0.5/-0.5	0.9/0.2	0.8/0.5	0.5/-1.9	0.1/-2.2	-0.4/-2.5	0.1/-2.8	-0.2/-3.1	-0.2/-3.4	-0.2/-3.6	-0.3/-3.9
CQT	2.05	1.2/0.8	1.1/1.0	1.4/1.4	1.3/0.7	1.8/-0.1	2.4/0.7	2.6/0.3	3.2/-1.2	2.7/-1.3	2.5/-1.3	2.4/-1.3	2.2/-1.4	2.0/-1.4	1.9/-1.4	2.0/-1.4
CRP	0.00	0.5/-2.5	0.3/-2.8	0.4/-2.0	-0.3/-2.1	-0.5/-2.5	-0.5/-2.0	-0.7/-1.9	0.3/-6.2	0.1/-6.4	-0.0/-6.5	-0.1/-6.7	0.3/-6.9	0.0/-7.0	0.2/-7.2	0.0/-7.4
CRW	2.38	0.2/0.3	0.2/-0.1	0.4/0.2	1.5/0.3	1.7/0.4	2.6/0.1	3.0/0.6	3.0/-2.1	3.6/-2.4	3.5/-2.6	3.9/-2.9	3.3/-3.1	2.9/-3.4	2.7/-3.6	3.1/-3.9
CVG	1.63	0.1/-0.7	0.3/-1.2	0.5/-1.5	1.2/-1.4	1.3/-1.5	1.4/-1.2	1.4/-0.6	1.2/-1.9	1.3/-2.2	2.4/-2.5	2.7/-2.8	2.8/-3.2	2.6/-3.5	2.5/-3.8	2.8/-4.1
DAY	0.61	-0.1/-1.7	-0.3/-2.3	0.2/-2.9	0.7/-3.1	1.0/-3.5	0.3/-2.9	0.6/-1.9	0.3/-4.9	0.4/-5.3	1.4/-5.6	1.0/-5.9	1.2/-6.3	0.8/-6.6	0.6/-7.0	1.0/-7.3
DBQ	1.24	0.0/-0.1	0.0/-0.2	0.8/0.1	1.4/-1.3	0.7/-1.7	1.4/-0.7	0.9/0.4	1.6/-1.6	1.5/-2.0	1.5/-2.4	1.6/-2.7	1.5/-3.1	1.7/-3.5	1.8/-3.9	2.1/-4.3
DCA	1.96	-0.1/0.9	-0.8/0.8	-0.2/1.2	1.0/0.8	1.8/0.6	2.2/0.8	2.3/1.2	1.9/-0.5	2.2/-0.7	3.6/-1.0	3.7/-1.3	3.4/-1.6	2.9/-1.9	2.6/-2.2	3.0/-2.5
DEC	0.39	-0.5/0.4	-0.3/0.0	0.1/-1.0	0.4/-0.3	-0.1/-1.2	0.1/0.5	0.2/0.7	0.0/0.4	0.2/0.1	0.5/-0.3	1.0/-0.6	0.8/-1.0	1.3/-1.3	1.4/-1.6	0.9/-2.0
DEN	1.77	-0.1/-1.3	0.4/-0.0	1.3/-0.7	1.2/0.2	1.7/0.1	1.4/1.4	1.0/1.4	0.9/-4.0	1.0/-4.4	1.8/-4.7	2.1/-5.0	2.6/-5.4	3.1/-5.7	3.7/-6.0	4.7/-6.3
DFW	-0.26	-0.7/-0.5	-1.1/-0.5	-1.0/0.1	-0.9/0.2	-1.2/0.8	-0.7/1.7	0.2/1.7	-0.3/-1.4	-0.8/-1.6	-0.6/-1.9	0.3/-2.1	0.7/-2.4	0.5/-2.6	0.6/-2.8	1.1/-3.1
DLH	0.59	0.8/-1.3	0.8/-1.6	1.1/-2.0	1.3/-3.0	-0.2/-3.2	-0.0/-2.7	0.1/-2.1	0.6/-1.4	0.1/-1.8	0.2/-2.3	0.5/-2.7	0.4/-3.2	1.0/-3.6	1.0/-4.1	1.1/-4.6
DSM	1.22	-0.4/-0.4	0.4/-0.3	1.4/-0.1	1.4/-0.6	0.5/-0.8	1.3/-1.1	0.7/-0.5	1.5/-3.0	1.5/-3.3	1.3/-3.7	1.6/-4.0	1.2/-4.4	1.8/-4.7	1.9/-5.1	2.1/-5.4
DTW	0.14	0.5/0.7	0.6/0.4	0.7/-0.9	1.6/-2.6	0.9/-3.4	0.6/-1.4	0.4/-0.4	0.5/-2.3	0.6/-2.7	0.3/-3.1	-0.7/-3.5	-0.8/-3.9	-1.2/-4.3	-1.1/-4.7	-0.9/-5.1
ELP	0.11	-0.3/-0.9	-0.7/-0.5	-1.3/-0.7	-1.1/-1.0	-0.9/0.2	-0.3/0.3	0.3/0.9	0.6/-5.8	0.3/-6.1	0.7/-6.4	0.8/-6.6	0.6/-6.9	0.7/-7.2	1.0/-7.5	1.3/-7.8
ERI	1.20	0.0/-0.8	0.1/-0.8	0.6/-1.5	1.4/-3.7	1.2/-3.0	1.0/-3.1	1.4/-2.1	1.0/-2.5	1.1/-2.9	2.9/-3.3	1.8/-3.7	1.7/-4.1	1.4/-4.5	0.9/-4.9	1.3/-5.3
EUG	-2.47	-1.0/-1.2	-1.4/-0.5	-1.8/-0.5	-1.6/-0.5	-1.4/-0.8	-1.8/-1.9	-2.2/-2.2	-1.7/-3.6	-1.9/-3.8	-3.1/-4.0	-3.8/-4.2	-4.0/-4.4	-3.9/-4.6	-3.9/-4.8	-3.7/-5.0
EVV	1.15	0.3/-0.2	0.2/-0.8	0.2/-0.7	0.5/-0.7	0.6/0.1	0.9/-0.1	1.0/-0.1	1.3/-1.6	1.7/-1.9	1.6/-2.2	2.0/-2.5	1.8/-2.9	1.8/-3.2	1.7/-3.5	1.7/-3.8
EWR	1.22	-1.4/-0.2	-0.8/-0.6	-0.3/-0.5	-0.3/-1.6	-0.5/-1.7	0.3/-2.1	0.6/-0.7	1.2/-3.4	2.0/-3.7	3.4/-4.1	3.2/-4.4	3.0/-4.7	2.8/-5.1	2.6/-5.4	2.5/-5.8
FAR	-2.04	-0.7/0.3	-1.1/1.3	-1.0/-0.1	-1.5/-0.2	-1.8/-1.0	-2.8/1.1	-2.8/1.0	-3.2/-0.3	-3.5/-0.7	-3.5/-1.1	-2.8/-1.5	-2.4/-2.0	-1.6/-2.5	-1.1/-3.0	-0.7/-3.5
FAT	-1.57	-0.8/0.8	-0.7/-0.0	-0.9/-0.2	-1.2/-0.1	-0.7/-0.4	-0.1/-0.1	-0.7/-1.9	-1.2/-8.6	-1.4/-8.9	-2.1/-9.2	-3.2/-9.5	-2.8/-9.8	-2.9/-10.1	-2.5/-10.4	-2.7/-10.6
FLG	0.70	0.2/0.3	0.3/0.3	0.4/0.4	0.4/0.8	0.9/1.7	1.8/0.6	2.1/0.6	2.0/-7.1	1.3/-7.4	1.3/-7.7	0.7/-8.0	0.0/-8.3	-0.1/-8.6	-0.5/-8.9	-0.4/-9.2
FMY	-0.64	-0.7/-0.9	-1.1/-1.2	-0.9/-2.0	-1.0/-2.1	-1.1/-1.5	-1.1/-1.5	-1.1/-1.5	-1.1/-1.5	-0.9/-1.6	-0.7/-1.7	-0.3/-1.9	-0.1/-2.1	0.0/-2.2	0.2/-2.4	0.2/-2.5
FSD	1.14	0.1/-0.3	0.8/-1.3	1.4/-0.7	1.1/-1.3	0.4/-2.3	0.5/-1.5	0.5/-0.4	1.0/-3.1	0.7/-3.5	0.9/-3.9	1.1/-4.3	1.2/-4.6	2.1/-5.0	2.6/-5.4	2.7/-5.8
FWA	-0.12	-0.4/-0.5	-0.4/-1.2	-0.2/-1.3	0.4/-2.3	-0.0/-2.7	-0.8/-2.7	-0.5/-0.8	-0.6/-3.0	-0.7/-3.4	0.6/-3.8	0.2/-4.2	0.4/-4.6	0.1/-5.0	-0.0/-5.4	0.3/-5.7

GAD	1.34	-0.4/0.0	-0.6/0.8	-0.9/0.9	-0.6/1.5	-0.1/0.8	0.6/1.0	0.3/2.1	1.3/0.8	1.2/0.5	2.5/0.3	3.0/0.1	3.2/-0.2	3.3/-0.4	3.6/-0.6	3.5/-0.9
GEG	-1.15	-0.4/0.6	-0.4/0.1	-0.6/0.6	-1.1/0.2	-1.0/-0.1	-0.1/-1.5	-0.4/-2.3	-0.5/-3.9	-0.7/-4.1	-1.8/-4.4	-2.1/-4.7	-2.6/-5.0	-2.3/-5.3	-1.7/-5.5	-1.6/-5.8
GTF	0.46	-0.0/3.5	0.5/3.8	0.7/3.5	0.6/3.2	0.7/2.8	1.0/1.6	0.4/-0.3	0.2/-2.4	0.2/-2.6	0.6/-2.9	0.2/-3.2	0.4/-3.5	0.8/-3.8	-0.1/-4.1	0.6/-4.4
HOU	-0.42	-0.2/-0.4	-0.2/-0.5	-0.5/-0.1	-0.5/-0.5	-0.5/-0.3	-0.3/-0.1	-0.0/-0.5	0.3/-2.5	-0.2/-2.7	-0.4/-2.9	-0.7/-3.1	-0.7/-3.4	-0.7/-3.6	-1.0/-3.8	-0.9/-4.0
HSV	2.03	-0.0/0.7	-0.1/0.7	-0.0/1.7	0.2/1.5	0.9/2.0	2.0/1.7	1.3/2.7	2.1/0.0	2.0/-0.2	3.3/-0.5	3.6/-0.7	3.6/-0.9	3.9/-1.1	4.0/-1.4	3.7/-1.6
IAH	-0.73	-0.1/0.0	-0.1/-0.0	-0.2/-0.2	-0.3/-1.0	-0.4/-0.2	-0.5/-0.2	-0.3/-0.3	-0.1/-3.5	-0.7/-3.7	-1.3/-4.0	-1.1/-4.2	-1.3/-4.4	-1.2/-4.6	-1.9/-4.8	-1.6/-5.1
ICT	1.55	-0.6/-0.7	-0.7/-0.8	-0.2/0.2	-0.0/0.6	-0.3/0.5	1.3/1.1	1.2/0.7	1.3/-2.8	0.7/-3.1	2.1/-3.4	3.3/-3.7	3.2/-4.0	3.6/-4.3	4.2/-4.6	4.5/-4.9
ILG	1.36	0.3/-0.8	-0.5/-1.0	0.3/-0.7	1.1/-0.8	2.1/-1.8	1.5/-1.1	1.7/-1.3	1.0/-2.7	0.8/-3.0	2.2/-3.4	2.5/-3.6	2.2/-4.0	1.8/-4.3	1.6/-4.6	1.8/-4.9
IND	1.72	0.4/0.3	0.7/-0.5	1.2/-1.0	1.5/-0.7	1.4/-1.2	0.8/-0.5	1.4/-0.2	1.0/-2.1	1.3/-2.5	2.3/-2.8	2.9/-3.2	3.0/-3.5	2.7/-3.8	2.6/-4.2	2.6/-4.5
IPT	2.62	0.7/0.5	1.4/0.1	2.1/-0.5	3.4/-1.3	3.2/-0.8	3.1/-0.6	3.1/0.3	2.9/-2.2	2.5/-2.5	3.6/-2.9	3.1/-3.3	2.9/-3.6	2.7/-4.0	2.5/-4.3	2.2/-4.7
JAN	1.48	-0.2/0.4	-0.0/0.4	-0.5/0.6	-0.6/0.8	-0.3/0.6	0.5/0.6	1.0/1.4	1.5/-1.6	1.5/-1.8	2.9/-2.1	2.9/-2.4	2.9/-2.6	3.3/-2.8	3.5/-3.0	3.6/-3.3
JAX	0.15	-0.7/-1.1	-0.7/-0.6	-0.8/-0.8	-1.2/-0.9	-0.6/-0.7	-0.5/-0.5	-0.3/-0.6	-0.2/-1.9	0.2/-2.1	0.4/-2.3	1.0/-2.5	1.3/-2.6	1.5/-2.8	1.4/-3.0	1.5/-3.2
JFK	1.40	0.0/0.4	-0.1/0.9	0.6/0.3	0.7/0.1	0.8/-0.6	0.6/-0.5	1.2/0.5	1.7/-1.7	2.0/-2.1	2.1/-2.4	2.3/-2.7	2.4/-3.0	2.4/-3.3	2.1/-3.6	2.0/-4.0
LAN	-0.89	-0.6/-0.5	-0.4/-0.4	0.0/-1.1	0.7/-3.0	0.0/-4.1	-0.6/-2.4	-0.8/-1.4	-1.0/-2.2	-1.0/-2.6	-1.1/-3.0	-1.5/-3.4	-1.7/-3.8	-2.0/-4.2	-1.9/-4.6	-1.6/-5.1
LAS	-1.71	-0.3/0.5	-0.2/-0.7	-0.5/-0.3	-1.2/-1.1	-1.2/-1.9	-1.0/-1.6	-1.3/-1.8	-1.8/-9.6	-2.1/-10.0	-1.6/-10.3	-2.4/-10.6	-2.9/-11.0	-3.0/-11.3	-3.1/-11.6	-3.1/-11.9
LAX	0.94	0.5/1.3	0.3/0.8	0.3/1.4	0.4/0.9	0.7/1.1	0.9/1.0	1.0/1.6	0.7/0.0	0.7/0.0	1.1/-0.1	1.1/-0.1	1.5/-0.1	1.7/-0.2	1.3/-0.2	1.9/-0.2
LEX	1.45	0.1/0.9	-0.5/0.4	-0.3/0.6	0.6/1.0	0.6/1.4	1.4/1.3	1.6/1.3	1.8/-1.6	2.5/-1.9	2.4/-2.2	2.7/-2.5	2.2/-2.7	2.2/-3.0	2.0/-3.3	2.3/-3.6
LFK	-0.06	-0.0/0.7	-0.0/-0.1	-0.2/0.8	-0.2/0.5	-0.2/0.7	0.2/0.6	0.5/0.7	0.8/-2.8	-0.1/-3.0	-0.1/-3.3	0.1/-3.5	-0.2/-3.7	-0.0/-3.9	-0.8/-4.1	-0.7/-4.3
LGA	1.83	-0.9/0.4	-0.3/1.0	0.0/0.9	0.4/-0.7	0.5/-0.5	1.0/-1.3	1.3/0.1	1.7/-2.1	2.5/-2.4	4.0/-2.8	3.8/-3.1	3.6/-3.5	3.4/-3.8	3.3/-4.2	3.1/-4.5
LGB	3.83	1.5/-0.2	1.6/0.5	1.8/2.0	1.8/0.4	2.4/1.4	2.9/0.3	3.1/1.0	4.2/0.4	3.5/0.3	4.2/0.3	5.4/0.2	6.1/0.2	6.0/0.2	6.1/0.1	6.7/0.1
LIT	1.86	0.2/0.4	0.1/0.1	0.3/1.3	0.7/1.9	0.9/2.6	1.2/2.2	1.5/2.7	1.9/0.4	0.7/0.2	2.7/-0.1	3.2/-0.4	3.5/-0.6	3.7/-0.9	3.6/-1.2	3.8/-1.5
LNS	0.48	-1.1/-0.2	-0.8/-0.1	-0.5/-0.5	0.1/-0.5	0.4/-0.7	0.3/-1.0	0.4/0.3	0.4/-5.2	0.5/-5.5	1.9/-6.0	1.7/-6.4	1.3/-6.8	1.0/-7.2	0.7/-7.6	0.9/-8.0
MAF	0.49	0.6/-2.0	-0.1/-1.5	-0.3/-0.1	-0.5/-1.5	-0.2/-1.3	0.1/-0.6	0.3/-0.7	0.7/-3.8	0.3/-4.0	0.6/-4.3	1.1/-4.6	1.4/-4.8	1.0/-5.1	1.2/-5.4	1.2/-5.6
MBA	2.27	-0.2/-0.5	0.3/-0.0	0.9/-0.4	1.2/-1.2	1.9/-0.5	2.1/-0.9	2.0/-0.5	2.0/-2.5	3.1/-2.8	3.8/-3.2	3.9/-3.6	3.4/-3.9	3.3/-4.3	3.3/-4.7	3.2/-5.1
MCI	1.51	-0.1/-0.1	0.5/-0.3	1.1/0.3	1.2/0.4	0.8/1.1	1.6/0.5	1.5/0.6	1.8/-2.3	1.7/-2.5	1.0/-2.9	2.1/-3.2	1.8/-3.5	2.2/-3.8	2.7/-4.1	2.7/-4.4
MCN	0.81	-0.4/2.1	-0.8/2.4	-1.5/3.0	-1.5/2.2	-1.1/2.5	-0.4/1.1	-0.4/1.8	-0.1/-0.2	1.1/-0.4	2.1/-0.6	2.6/-0.9	3.0/-1.2	3.1/-1.4	3.2/-1.6	3.3/-1.9
MCO	-0.25	-0.6/-0.9	-0.6/-0.5	-0.7/-1.1	-0.9/-1.2	-0.9/-0.6	-0.6/-0.6	-0.7/-0.5	-0.8/-1.0	-0.3/-1.1	-0.2/-1.3	-0.0/-1.5	0.3/-1.6	0.7/-1.8	0.6/-2.0	1.0/-2.2
MDT	1.49	-0.1/-0.0	0.3/0.7	0.8/0.5	1.8/-0.2	2.4/-0.6	2.0/0.5	2.1/0.7	1.7/-1.4	1.7/-1.7	2.0/-2.0	2.0/-2.3	1.8/-2.6	1.2/-2.9	1.2/-3.3	1.3/-3.6
MEM	0.77	-0.6/-0.5	-1.0/-0.6	-1.1/0.1	-0.7/0.7	-0.6/0.7	-0.0/1.5	0.1/2.0	0.7/-1.2	0.4/-1.5	1.7/-1.7	2.4/-2.0	2.5/-2.2	2.7/-2.5	2.6/-2.7	2.5/-3.0
MHT	1.00	0.5/-1.1	0.8/-0.2	1.2/0.2	1.5/-1.4	2.0/-1.1	1.4/-2.8	1.2/-1.2	1.1/-4.0	2.1/-4.4	1.0/-4.7	1.0/-5.2	0.6/-5.5	0.3/-6.0	0.2/-6.4	0.1/-6.8
MIA	-0.49	-0.4/-1.1	-0.6/-1.6	-0.5/-2.0	-0.6/-1.7	-0.7/-1.6	-0.8/-1.3	-0.7/-1.7	-0.8/-1.0	-0.6/-1.1	-0.8/-1.2	-0.7/-1.3	-0.3/-1.5	0.1/-1.6	-0.0/-1.7	0.1/-1.8
MKE	-1.24	-0.1/-2.5	0.2/-2.6	0.6/-3.1	0.4/-4.3	0.2/-5.4	-1.0/-4.4	-1.7/-3.5	-1.6/-3.4	-1.7/-3.7	-2.2/-4.2	-2.1/-4.5	-2.5/-4.9	-2.5/-5.4	-2.5/-5.7	-2.3/-6.2
MOB	0.37	-0.1/-0.1	-0.3/-0.5	-0.8/-0.5	-0.8/0.2	-0.6/0.1	0.0/0.1	0.1/0.1	0.7/-1.4	0.9/-1.6	1.0/-1.8	1.0/-2.0	1.2/-2.3	1.2/-2.5	1.3/-2.7	0.9/-2.9
MSP	-0.52	0.1/-2.2	0.1/-2.5	0.8/-3.3	0.3/-4.0	-0.6/-4.7	-1.3/-4.1	-0.9/-3.0	-0.8/-4.2	-1.0/-4.5	-1.5/-5.0	-0.9/-5.4	-0.8/-5.8	-1.0/-6.2	-0.3/-6.6	-0.1/-7.0
MSY	0.26	-0.4/-0.8	-0.4/-1.6	-0.5/-1.5	-0.7/-1.1	-0.6/-1.5	-0.2/-1.4	0.5/-0.5	0.9/-2.5	1.1/-2.7	0.6/-2.9	0.6/-3.1	0.6/-3.4	0.6/-3.6	0.8/-3.8	0.8/-4.1
MWL	1.21	-0.4/-2.4	-0.3/-1.7	0.1/-0.9	0.6/-1.0	0.3/-0.4	0.8/-0.6	1.9/0.3	1.8/0.3	1.5/0.1	1.6/-0.1	2.2/-0.3	2.3/-0.5	1.8/-0.7	1.7/-1.0	1.9/-1.2
NKX	-0.54	0.1/0.1	0.1/-0.1	-0.0/0.8	-0.2/0.4	-0.4/1.7	-0.6/2.5	-0.5/1.6	-0.7/0.0	-0.9/0.0	-1.7/0.0	-0.9/0.0	-0.8/0.0	-0.4/0.0	-0.6/0.0	-0.7/0.0
NTU	0.88	-0.4/-1.7	-1.1/-1.9	-0.6/-0.8	-0.3/-1.5	1.2/-2.4	0.8/-2.3	1.0/-3.0	0.7/-4.4	1.9/-4.6	2.4/-4.8	1.9/-5.0	1.8/-5.3	1.6/-5.5	1.3/-5.6	1.0/-5.9
OAK	-0.68	-0.2/-1.1	-0.1/0.3	-0.2/0.2	-0.1/-0.5	-0.0/-0.0	-0.1/-0.1	-0.6/0.0	-0.8/0.8	-1.0/0.7	-0.9/0.6	-1.1/0.5	-1.2/0.5	-1.2/0.4	-1.3/0.4	-1.4/0.3
OKC	2.15	0.1/-0.6	0.2/0.4	0.1/0.8	0.9/2.1	1.1/2.0	2.1/2.8	2.3/2.8	2.5/0.4	1.7/0.1	2.6/-0.1	3.3/-0.4	3.6/-0.6	3.5/-0.9	3.9/-1.1	4.4/-1.4
OMA	0.14	0.2/-0.6	0.6/-0.2	1.4/0.3	1.2/-1.0	-0.0/-0.9	0.5/-0.9	-0.2/-0.3	0.4/-3.9	-0.2/-4.2	-0.7/-4.5	-0.4/-4.9	-0.8/-5.2	-0.1/-5.5	0.0/-5.9	0.2/-6.2
ORD	-0.56	0.1/-1.2	0.0/-0.5	0.4/-2.7	0.7/-2.0	-0.3/-3.9	0.0/-2.8	-0.4/-2.6	-0.5/-3.3	-0.5/-3.7	-1.3/-4.1	-1.3/-4.5	-1.3/-4.8	-1.4/-5.2	-1.3/-5.6	-1.3/-6.0
ORH	0.94	0.2/0.5	0.3/1.0	0.9/0.6	1.5/-1.2	2.1/-0.3	1.2/-2.0	0.8/-1.2	0.8/-2.4	1.9/-2.7	1.1/-3.1	1.2/-3.5	0.8/-3.9	0.5/-4.3	0.5/-4.7	0.4/-5.1
PDT	0.59	0.1/1.4	0.4/1.8	0.3/2.2	-0.0/1.6	0.0/1.4	1.5/-0.1	1.7/-1.5	1.3/-3.8	1.3/-4.1	1.2/-4.4	-0.1/-4.6	-0.5/-4.9	0.2/-5.2	0.6/-5.4	0.8/-5.7
PDX	-2.49	-0.8/-1.7	-1.1/-1.8	-1.6/-2.6	-1.4/-2.1	-1.3/-2.9	-1.6/-3.6	-2.1/-3.6	-1.9/-6.3	-1.5/-6.5	-2.9/-6.7	-3.7/-6.9	-4.3/-7.1	-4.3/-7.4	-4.0/-7.5	-4.8/-7.7
PHL	1.12	-0.1/-0.2	-0.0/-0.6	0.6/-1.0	0.9/-1.1	1.7/-1.7	1.1/-0.9	1.2/-0.2	0.9/-4.3	0.7/-4.6	1.9/-4.9	2.3/-5.3	1.7/-5.6	1.4/-5.9	1.2/-6.2	1.4/-6.5
PHX	-0.67	-0.1/0.9	-0.2/0.7	-0.3/0.7	-0.5/1.4	-0.6/1.2	-0.0/1.8	0.1/1.9	-0.1/-8.8	-0.4/-9.1	-0.6/-9.4	-1.1/-9.7	-1.7/-10.0	-1.5/-10.3	-1.6/-10.6	-1.4/-10.8
PIR	1.11	0.3/1.4	0.9/3.4	1.6/2.8	0.8/1.9	0.7/1.0	1.2/1.9	1.2/0.8	2.3/-1.9	0.5/-2.3	-0.1/-2.6	0.4/-3.0	0.7/-3.4	1.7/-3.8	2.1/-4.1	2.3/-4.5
PIT	1.25	0.2/-1.0	0.3/-0.8	0.6/-0.9	1.4/-1.5	1.9/-1.5	1.9/-1.8	1.5/-0.3	1.3/-3.4	1.3/-3.7	2.3/-4.0	1.6/-4.3	1.5/-4.6	1.1/-5.0	0.7/-5.3	1.1/-5.6
PVD	2.69	-0.6/0.9	0.1/2.3	0.6/1.4	1.1/0.7	1.0/0.1	1.6/0.1	1.9/0.1	2.3/-1.1	3.3/-1.5	5.1/-1.8	5.1/-2.1	4.8/-2.5	4.7/-2.8	4.7/-3.2	4.6/-3.5
PWM	1.98	0.3/-1.0	0.8/-1.6	1.4/-0.9	2.0/-2.6	2.6/-2.5	2.1/-2.8	2.1/-2.3	2.0/-3.5	3.2/-3.8	2.7/-4.2	2.6/-4.5	2.2/-4.9	2.0/-5.2	1.8/-5.5	1.9/-5.9
RAL	-1.18	0.2/-1.1	0.1/-0.0	0.2/-0.2	-0.7/-0.8	-0.7/-0.2	-0.3/-0.2	-0.7/-0.1	-0.4/-4.9	-1.3/-5.1	-1.7/-5.2	-2.3/-5.4	-2.3/-5.5	-2.5/-5.6	-2.7/-5.7	-2.6/-5.8
RAP	0.69	0.3/2.0	1.1/3.6	1.4/2.6	0.6/1.9	0.3/1.9	1.6/2.0	1.5/1.4	1.7/-4.0	-0.2/-4.3	-0.5/-4.6	-0.6/-5.0	-0.6/-5.3	-0.1/-5.6	1.8/-5.9	2.1/-6.3
RBL	-1.21	-0.9/-2.0	-0.7/-2.1	-0.5/-1.9	-1.5/-1.8	-1.1/-0.9	-0.5/-0.8	-0.5/-1.8	-0.2/-7.3	-0.8/-7.6	-1.5/-8.0	-2.4/-8.3	-2.2/-8.6	-2.2/-9.0	-1.6/-9.3	-1.5/-9.6
RDD	-0.62	-0.3/-1.5	-0.4/-1.5	-0.3/-1.0	-1.1/-0.7	-0.2/-0.2	0.0/-0.9	0.3/-1.5	0.7/-7.4	0.1/-7.7	-0.5/-8.1	-1.7/-8.4	-1.7/-8.8	-1.8/-9.1	-1.4/-9.5	-1.1/-9.8
RDU	1.06	-0.9/-2.0	-2.1/-1.7	-0.8/-0.6	-0.5/-1.4	0.2/-1.4	-0.1/-1.5	0.1/-2.0	0.1/-4.5	1.3/-4.6	2.5/-4.8	2.8/-5.1	3.4/-5.3	3.5/-5.5	3.3/-5.7	3.1/-5.9
RIC	0.66	-0.7/-1.0	-1.0/-0.4	-0.5/-0.3	-0.1/-0.5	0.9/-1.0	0.4/-1.5	0.6/-0.9	0.6/-3.8	0.9/-4.0	2.0/-4.3	1.7/-4.5	1.5/-4.7	1.4/-4.9	1.0/-5.2	1.1/-5.4
RNO	-0.45	-0.5/0.2	-0.5/0.9	-0.6/0.2	-0.9/-0.3	-0.1/0.4	0.3/-1.2	0.3/-1.6	-0.1/-9.2	-0.0/-9.5	-0.7/-9.7	-1.3/-10.0	-1.0/-10.3	-0.8/-10.6	-0.5/-10.9	-0.4/-11.2

ROA	3.03	-0.2/0.2	-0.0/0.3	0.9/1.2	1.9/1.0	2.8/0.5	2.6/1.1	2.4/-0.4	2.8/-0.7	3.4/-1.0	5.2/-1.2	4.9/-1.5	4.9/-1.7	4.6/-2.0	4.4/-2.2	4.5/-2.5
ROC	-0.30	0.1/0.6	-0.2/-0.5	0.4/-0.3	0.5/-3.8	-0.0/-3.4	-1.1/-3.6	-0.8/-2.5	-1.2/-2.6	-0.8/-3.0	0.4/-3.4	0.3/-3.8	-0.2/-4.2	-0.4/-4.6	-0.7/-5.1	-0.8/-5.5
SAC	-0.24	0.1/-1.4	0.5/-1.6	0.8/-2.2	0.4/-2.1	0.7/-0.8	1.0/-0.6	0.6/-2.1	0.5/-5.8	0.2/-6.1	-0.7/-6.4	-1.6/-6.7	-1.8/-7.0	-1.5/-7.3	-1.3/-7.5	-1.5/-7.8
SAN	1.86	1.3/0.6	1.2/1.7	1.2/1.3	1.2/0.9	1.0/1.3	1.3/2.0	1.4/1.1	1.5/1.1	1.4/1.1	1.9/1.0	2.6/1.0	2.9/1.0	3.0/1.0	2.7/1.0	3.1/1.0
SAT	-0.53	-0.6/-2.7	-0.2/-2.6	-0.3/-2.7	-1.1/-2.9	-1.1/-2.9	-1.2/-2.4	-0.8/-2.7	0.1/-5.8	-0.6/-6.0	-0.5/-6.2	-0.4/-6.4	-0.2/-6.5	-0.3/-6.7	-0.7/-6.9	-0.1/-7.1
SAV	0.15	-1.1/-0.1	-1.9/0.2	-1.8/0.3	-2.7/-0.4	-1.5/0.2	-1.1/-0.1	-1.3/0.3	-1.2/-0.1	-0.3/-0.3	1.6/-0.5	2.3/-0.7	2.7/-0.9	2.9/-1.2	2.7/-1.4	2.9/-1.6
SDF	1.70	0.4/1.2	0.2/0.4	0.5/0.7	0.9/1.2	1.2/1.4	1.5/1.3	1.7/1.5	2.2/-2.4	2.6/-2.6	2.5/-2.9	2.7/-3.2	2.3/-3.5	2.2/-3.7	2.2/-4.0	2.4/-4.3
SEA	0.82	0.2/-0.6	0.2/-0.8	0.1/-1.1	0.0/-0.3	0.7/-1.8	1.1/-1.5	0.8/-2.1	1.3/-2.8	1.2/-3.0	1.7/-3.2	0.7/-3.5	0.7/-3.6	1.1/-3.8	1.4/-4.0	1.3/-4.3
SFO	1.54	0.7/-0.6	1.2/-0.0	1.5/0.2	1.8/-0.9	2.1/-0.7	2.7/-1.2	2.5/-0.5	2.0/-1.2	2.2/-1.3	1.8/-1.4	0.7/-1.5	0.8/-1.5	1.2/-1.6	1.1/-1.6	0.8/-1.7
SJC	-1.78	-0.9/-1.4	-1.1/-0.5	-1.6/-0.4	-1.6/-2.3	-2.0/-2.2	-1.7/-1.7	-3.1/-1.6	-2.9/-0.6	-3.0/-0.8	-1.9/-0.9	-1.6/-1.1	-1.4/-1.2	-1.2/-1.4	-1.2/-1.5	-1.4/-1.6
SJT	-0.33	-0.7/-1.0	-1.2/-0.7	-1.0/0.3	-0.8/-0.9	-0.7/0.3	-0.9/0.6	-0.5/0.6	-0.3/-3.8	-0.5/-4.0	-0.2/-4.2	0.7/-4.4	0.6/-4.6	0.3/-4.8	0.2/-5.0	0.2/-5.2
SLC	0.93	0.1/0.6	0.3/0.9	0.7/1.5	0.9/1.6	0.9/1.6	1.5/0.9	1.8/0.4	1.2/-5.6	1.2/-6.0	1.4/-6.3	0.8/-6.6	0.4/-7.0	0.7/-7.3	1.0/-7.6	1.1/-8.0
SSI	0.14	-0.5/-1.0	-0.6/0.1	-0.6/-0.4	-0.8/-0.9	-0.3/-0.1	-0.1/0.3	0.3/0.2	0.5/-1.4	0.8/-1.6	0.3/-1.9	0.3/-2.1	0.7/-2.3	0.8/-2.5	0.7/-2.7	0.6/-3.0
STL	0.96	-0.7/-0.3	-0.0/-0.4	0.0/-0.9	0.6/-1.2	0.5/-0.6	0.8/0.0	0.7/0.1	0.4/-1.9	0.3/-2.2	0.9/-2.5	2.1/-2.8	1.9/-3.1	2.4/-3.5	2.5/-3.7	2.1/-4.1
SYR	0.75	-0.1/-0.0	-0.4/-0.1	-0.1/-0.4	0.5/-2.3	0.6/-2.9	0.4/-2.5	0.9/-1.4	0.8/-3.0	0.9/-3.4	1.6/-3.8	1.4/-4.2	1.3/-4.6	1.1/-5.0	1.1/-5.5	1.0/-5.9
TLH	1.49	0.2/-0.4	0.3/0.1	0.2/-0.2	-0.2/-0.1	0.2/0.6	0.8/0.4	1.3/0.5	1.5/-0.6	1.9/-0.8	2.3/-1.1	2.6/-1.3	2.8/-1.5	2.6/-1.7	3.0/-1.9	2.8/-2.2
TPA	0.61	-0.2/-0.6	-0.2/-1.1	-0.2/-0.9	-0.4/-1.2	-0.2/-0.5	0.1/-0.6	0.2/-0.2	0.4/-2.2	0.7/-2.4	1.0/-2.5	1.4/-2.7	1.6/-2.9	1.6/-3.1	1.8/-3.3	1.7/-3.5
TRM	-2.35	-0.8/-0.8	-1.2/-1.3	-1.4/-1.0	-2.2/-1.3	-2.0/-1.9	-1.2/-0.5	-1.7/-2.2	-2.1/-6.6	-2.6/-6.8	-3.6/-7.0	-3.2/-7.2	-3.3/-7.4	-3.2/-7.7	-3.4/-7.9	-3.3/-8.1
TUL	1.80	-0.1/0.3	0.1/0.0	0.1/2.3	0.8/2.8	0.6/3.0	1.6/3.9	1.7/3.5	1.6/1.2	0.9/0.9	2.1/0.7	3.0/0.5	3.4/0.2	3.4/-0.0	3.8/-0.3	4.2/-0.5
TUS	-0.34	0.0/0.3	-0.2/0.4	-0.1/0.0	-0.0/1.3	-0.3/1.7	0.1/2.0	0.7/2.0	0.3/-6.9	-0.0/-7.2	-0.7/-7.5	-0.7/-7.8	-1.1/-8.1	-0.9/-8.4	-1.2/-8.6	-1.0/-8.9
TYR	-0.02	-0.1/0.2	-0.3/-0.1	-0.3/1.4	-0.3/1.6	-0.0/1.0	0.4/1.5	0.4/2.1	0.7/-0.3	-0.3/-0.5	0.2/-0.7	0.1/-0.9	0.2/-1.1	0.1/-1.3	-0.4/-1.4	-0.4/-1.6
TYS	1.52	-0.1/0.5	-0.6/0.5	-0.2/1.1	1.0/0.7	0.9/0.7	1.4/0.9	1.2/0.8	1.3/-2.5	1.5/-2.7	2.6/-2.9	2.9/-3.2	2.5/-3.4	2.9/-3.6	2.8/-3.9	2.7/-4.1
VCT	-0.07	0.1/-0.9	0.0/-1.3	0.1/-1.0	-0.3/-1.8	-0.3/-1.3	-0.0/-0.9	0.1/-1.1	0.6/-5.8	0.2/-6.0	-0.1/-6.2	-0.2/-6.4	-0.1/-6.6	-0.2/-6.8	-0.5/-7.0	-0.5/-7.2
WJF	-4.11	-1.9/-0.4	-2.4/-1.0	-2.8/-0.9	-3.4/-0.9	-3.3/-0.8	-2.7/-0.9	-3.1/-2.4	-3.5/-12.2	-4.4/-12.5	-5.4/-12.7	-6.1/-13.0	-5.6/-13.3	-5.7/-13.5	-5.7/-13.8	-5.7/-14.1
YKM	0.54	0.4/-0.5	0.7/0.2	0.7/1.3	-0.2/0.5	-0.4/0.9	1.2/-0.7	1.6/-1.2	1.5/-3.9	1.5/-4.1	1.2/-4.4	-0.1/-4.7	-0.4/-5.0	-0.2/-5.2	0.2/-5.5	0.4/-5.8
YNG	0.44	0.1/-1.3	0.0/-1.4	0.2/-2.3	0.9/-3.1	1.0/-3.6	0.9/-3.3	0.5/-2.1	0.6/-4.3	1.0/-4.6	1.6/-5.0	0.4/-5.3	0.2/-5.7	-0.1/-6.0	-0.6/-6.4	-0.3/-6.7
YQB	2.18	1.6/0.0	2.4/0.0	3.3/0.0	3.8/0.0	3.4/0.0	2.8/0.0	4.3/0.0	4.0/-2.5	3.8/-3.1	1.2/-3.6	1.4/-4.1	0.5/-4.6	0.2/-5.1	0.1/-5.7	-0.1/-6.2
YUL	4.56	2.3/0.0	3.0/0.0	4.4/0.0	5.3/0.0	5.2/0.0	5.9/0.0	6.4/0.0	6.2/-1.4	6.8/-1.8	5.3/-2.3	4.8/-2.7	3.6/-3.2	3.3/-3.6	3.0/-4.1	2.7/-4.6
YVR	0.61	0.9/0.0	0.9/0.0	0.7/0.0	0.7/0.0	0.9/0.0	1.2/0.0	1.0/0.0	1.3/-2.3	1.3/-2.5	0.3/-2.7	0.0/-2.9	0.0/-3.1	-0.1/-3.3	-0.0/-3.5	-0.0/-3.6
YXD	0.41	-0.3/0.0	-0.3/0.0	-0.1/0.0	-0.3/0.0	-0.0/0.0	-0.3/0.0	0.2/0.0	0.3/-1.8	0.5/-2.2	0.9/-2.5	0.7/-2.8	1.0/-3.2	0.9/-3.6	1.1/-3.9	1.7/-4.3
YYC	-0.63	-2.6/0.0	-2.2/0.0	-1.0/0.0	-1.2/0.0	-1.0/0.0	-0.3/0.0	-0.0/0.0	-1.1/-2.8	-0.4/-3.1	-0.5/-3.4	-0.2/-3.6	0.1/-3.9	0.4/-4.2	0.3/-4.5	0.1/-4.8
YYZ	0.42	1.0/0.0	0.8/0.0	1.0/0.0	1.0/0.0	0.5/0.0	0.3/0.0	0.8/0.0	0.8/-3.5	0.3/-3.9	0.5/-4.3	0.3/-4.7	0.4/-5.1	-0.2/-5.5	-0.5/-5.9	-0.8/-6.3

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 (2009-05-01~2009-05-31)

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	0.20	2.8/0.0	2.5/3.5	3.2/4.1	3.6/4.7	3.9/5.1	4.9/5.4	5.3/6.1	6.1/7.6	6.5/7.7	5.9/7.7	5.8/7.9	6.3/7.9	6.8/8.0	7.0/8.2	7.3/--
ABI	0.08	1.8/0.0	2.5/3.6	2.6/4.0	2.6/3.2	3.1/4.0	4.0/4.8	4.8/5.3	5.4/5.6	5.4/5.6	5.9/5.7	5.7/5.5	6.1/5.7	6.7/5.7	6.7/5.8	6.7/--
ABQ	0.35	1.9/0.0	1.9/2.7	1.7/2.7	2.3/2.2	2.4/2.8	2.9/3.1	3.1/2.9	3.7/8.2	4.4/8.4	4.2/8.7	4.3/9.1	4.0/9.4	3.8/9.7	4.3/10.0	4.1/--
ABY	0.38	1.4/0.0	1.5/1.6	1.4/1.7	1.9/1.6	2.3/2.2	2.4/2.2	2.3/2.5	2.7/8.7	2.7/9.0	2.7/9.3	2.6/9.6	2.8/9.8	3.1/10.1	3.2/10.4	3.6/--
ACT	0.08	1.9/0.0	2.2/1.8	2.3/2.5	2.8/2.5	3.2/3.7	3.9/4.2	4.5/4.8	4.6/7.2	5.1/7.4	5.9/7.4	6.8/7.5	7.3/7.5	7.8/7.6	8.1/7.8	8.6/--
ACY	0.19	2.7/0.0	2.8/2.3	3.1/2.9	3.5/3.4	3.7/3.7	4.4/4.3	4.3/4.9	4.7/7.9	5.2/8.2	5.3/8.3	5.2/8.5	5.1/8.7	5.4/8.9	5.5/9.1	5.5/--
ALB	0.21	1.8/0.0	2.0/2.7	1.8/3.3	2.2/3.4	2.9/4.1	4.2/4.7	5.0/5.1	5.8/6.3	6.0/6.4	5.1/6.5	5.1/6.6	5.4/6.8	5.3/6.9	5.9/7.1	6.0/--
ALW	0.24	2.0/0.0	2.0/2.1	1.9/2.1	1.8/2.3	2.3/2.8	2.8/3.2	3.5/3.5	3.8/5.7	3.9/5.8	3.8/5.9	3.7/6.1	4.0/6.2	4.3/6.2	4.6/6.4	4.8/--
AOO	0.16	2.4/0.0	2.4/2.9	2.9/3.4	2.8/3.5	2.7/3.9	3.3/3.8	3.9/4.6	5.0/6.1	5.5/6.1	5.5/6.1	5.0/6.2	5.5/6.4	5.8/6.5	6.1/6.6	6.4/--
APN	-0.13	2.3/0.0	2.4/3.8	2.7/3.9	2.7/3.1	3.9/4.3	4.2/4.8	5.3/4.4	5.9/5.0	6.4/5.0	7.1/4.9	6.8/5.0	6.3/4.9	7.2/4.8	7.1/4.9	6.9/--
ATL	0.28	1.9/0.0	2.0/2.2	2.3/2.0	2.4/2.5	2.6/2.3	2.8/2.7	3.2/3.0	3.4/6.5	3.1/6.7	2.6/7.0	2.6/7.2	3.3/7.4	3.3/7.6	3.7/7.9	4.5/--
AUG	0.00	2.2/0.0	2.5/2.7	3.0/2.7	3.0/2.9	3.2/3.5	3.8/3.8	4.4/3.8	4.6/4.8	4.8/5.0	5.2/5.1	5.2/5.3	5.1/5.5	5.3/5.6	5.8/5.7	5.4/--
AUS	-0.42	3.6/0.0	4.1/2.1	4.7/2.4	5.2/2.8	6.1/3.4	5.6/4.2	6.2/4.0	7.7/7.2	7.9/7.2	8.7/7.2	8.8/7.4	9.0/7.4	8.7/7.4	8.2/7.4	8.6/--
AVP	0.10	3.0/0.0	2.4/3.4	2.9/3.9	3.5/4.5	3.8/4.6	4.7/4.7	5.6/5.3	6.3/6.5	6.6/6.5	5.7/6.6	5.8/6.7	6.3/6.8	6.4/6.9	6.9/7.0	6.9/--
BDL	0.12	1.8/0.0	2.3/2.8	2.5/3.7	2.3/4.0	3.0/4.2	4.3/4.4	4.5/4.7	4.6/5.2	5.2/5.3	4.8/5.3	5.5/5.4	5.2/5.5	5.7/5.7	5.5/5.8	5.8/--
BFL	0.40	1.8/0.0	1.9/1.6	1.8/1.6	1.8/1.7	2.1/2.5	2.0/2.9	2.4/3.6	2.5/8.2	2.5/8.5	2.8/8.7	2.7/9.0	3.4/9.3	3.5/9.5	3.7/9.8	3.6/--
BGM	0.12	2.2/0.0	2.5/2.6	2.8/2.9	3.1/3.5	3.1/4.2	3.9/4.1	5.1/4.8	5.9/6.7	6.2/6.8	5.9/6.9	5.8/7.1	5.8/7.2	5.8/7.4	6.4/7.6	6.8/--
BHM	0.27	2.4/0.0	2.5/2.7	3.0/2.7	3.0/2.6	3.2/3.3	3.7/3.8	4.1/3.9	5.2/9.0	4.3/9.3	3.9/9.5	4.1/9.7	4.5/10.0	4.5/10.2	5.0/10.5	5.5/--
BIS	0.01	2.4/0.0	2.5/3.7	3.1/3.9	3.7/4.2	4.5/4.7	5.3/6.1	5.4/5.8	5.9/5.5	6.6/5.6	6.0/5.7	6.2/5.7	6.6/5.8	6.6/6.0	6.7/5.9	6.8/--
BNA	0.28	1.5/0.0	1.5/2.2	1.8/2.0	2.3/3.1	3.0/3.2	3.8/3.4	4.0/4.1	4.4/7.4	4.3/7.7	4.1/7.7	4.2/8.0	4.8/8.3	4.8/8.3	5.4/8.6	6.1/--
BOI	0.24	1.3/0.0	1.7/2.2	1.9/3.0	2.1/3.3	2.9/3.3	3.6/4.2	4.0/4.6	4.8/6.6	4.6/6.8	5.0/6.8	4.7/6.8	5.4/7.0	5.9/7.2	6.2/7.3	6.6/--
BOS	0.18	1.8/0.0	2.0/2.4	2.1/2.8	2.2/3.0	2.5/3.1	3.3/3.5	3.7/3.9	3.9/4.5	3.9/4.6	3.7/4.8	4.0/5.1	4.1/5.2	4.3/5.4	4.5/5.5	4.5/--
BRO	0.10	1.7/0.0	1.4/2.0	1.5/2.0	2.0/2.5	2.3/2.5	2.9/2.9	3.8/3.7	4.2/6.5	4.9/6.5	5.7/6.6	6.5/6.6	7.1/6.7	7.7/6.8	7.8/6.8	8.3/--
BTV	0.16	3.2/0.0	3.3/3.1	3.6/3.4	3.7/4.3	3.6/5.1	5.1/5.7	5.1/5.3	5.1/6.8	5.4/7.0	5.3/7.1	5.2/7.2	5.8/7.5	5.9/7.7	6.3/7.7	6.5/--
BUF	0.03	2.9/0.0	3.1/2.6	3.1/2.5	3.1/3.3	3.2/3.8	4.1/3.5	4.2/3.7	4.8/5.3	5.2/5.5	5.1/5.7	4.9/5.9	5.1/6.0	5.2/6.2	5.6/6.4	5.8/--
BUR	-0.86	3.9/0.0	4.6/1.7	4.8/1.8	4.7/2.3	5.4/1.8	6.0/1.9	6.2/1.9	5.9/5.7	6.0/5.8	6.2/6.0	6.3/6.2	6.9/6.3	7.4/6.5	7.5/6.6	7.3/--
BWI	0.27	1.9/0.0	1.5/2.5	2.2/3.5	2.7/3.5	3.5/4.2	4.7/4.6	5.1/5.6	5.3/7.7	5.6/7.9	5.4/8.1	5.3/8.3	5.6/8.5	5.9/8.7	6.1/8.8	6.5/--
CAE	0.24	2.3/0.0	2.4/2.6	2.5/3.1	2.9/3.2	3.2/3.3	3.6/3.1	4.0/3.8	4.6/7.6	4.5/7.8	4.5/8.0	4.3/8.2	4.9/8.4	5.0/8.6	5.4/8.8	6.1/--
CHA	0.31	1.8/0.0	2.2/2.4	2.4/2.3	2.3/2.7	2.3/3.0	3.0/3.5	3.8/4.4	4.5/8.2	4.6/8.4	4.2/8.6	4.2/8.8	5.0/9.0	5.0/9.2	5.5/9.4	6.3/--
CLE	0.22	2.0/0.0	2.5/3.2	2.3/3.5	2.9/3.8	2.8/3.9	3.3/3.9	3.9/4.2	5.3/6.5	5.2/6.5	5.5/6.7	4.9/6.8	5.5/7.1	5.4/7.3	5.6/7.5	5.9/--
CLT	0.18	2.6/0.0	2.9/2.7	2.8/3.1	3.2/3.6	3.0/3.5	4.0/3.6	4.6/5.2	5.2/7.8	5.8/8.0	5.4/8.1	5.9/8.3	6.3/8.5	6.4/8.6	6.6/8.7	7.3/--
CMH	0.13	2.3/0.0	2.2/3.5	2.6/4.0	3.1/4.2	3.4/4.1	4.1/4.3	4.7/4.5	6.3/5.8	5.9/6.0	5.9/6.2	5.8/6.5	6.1/6.6	5.7/6.9	5.5/7.2	5.9/--
CON	0.15	3.1/0.0	3.2/3.5	3.5/4.3	3.4/4.0	3.4/4.5	3.9/4.7	4.5/4.9	5.1/5.7	5.4/6.0	4.7/6.1	4.9/6.2	5.1/6.4	5.7/6.5	6.0/6.8	6.1/--
COS	0.21	2.5/0.0	2.4/2.5	2.6/2.4	3.3/2.8	3.0/2.5	3.2/2.3	3.3/2.8	3.1/6.2	3.7/6.5	3.7/6.7	3.0/7.0	2.8/7.3	3.2/7.6	3.4/8.0	3.4/--
COU	0.24	1.7/0.0	1.7/2.3	1.9/3.0	2.0/3.2	2.6/3.7	3.1/3.8	3.3/4.7	3.9/4.9	4.8/5.0	4.2/5.2	4.2/5.5	4.5/5.5	4.7/5.8	4.7/6.1	4.8/--
CQT	0.16	1.3/0.0	1.5/1.2	1.8/1.3	1.5/1.1	1.7/1.5	1.7/1.5	1.9/1.2	1.4/2.8	1.4/2.9	1.2/3.0	1.2/3.2	1.4/3.3	1.6/3.4	1.7/3.5	1.8/--
CRP	0.07	2.0/0.0	1.7/1.7	1.8/2.0	2.2/2.5	2.9/2.7	2.9/3.3	3.7/3.4	4.1/6.5	4.5/6.7	5.5/6.8	6.2/6.8	6.9/6.9	7.8/7.0	7.8/7.2	8.3/--
CRW	0.24	2.1/0.0	1.9/2.8	2.3/2.6	2.4/3.5	3.5/3.5	4.1/4.2	4.9/5.2	5.8/8.4	5.6/8.5	6.2/8.7	6.0/8.9	5.9/9.0	5.9/9.1	6.3/9.3	6.8/--
CVG	0.17	2.4/0.0	2.8/4.3	3.2/4.0	3.2/4.0	2.7/4.2	3.7/4.2	4.2/4.6	5.8/5.9	5.7/6.2	5.9/6.4	5.4/6.5	5.9/6.7	5.7/6.8	5.6/7.0	5.5/--
DAY	0.20	1.4/0.0	1.9/3.4	2.2/3.6	2.5/3.8	2.5/3.8	3.2/4.5	3.8/4.3	5.3/5.4	5.5/5.5	5.3/5.7	5.1/6.0	5.8/6.2	5.3/6.5	5.6/6.7	6.0/--
DBQ	0.04	2.0/0.0	2.1/2.8	2.4/3.1	2.9/3.4	3.4/3.8	4.7/4.5	4.7/4.4	5.3/5.1	5.8/5.1	5.4/5.2	5.1/5.3	4.9/5.5	5.4/5.6	5.9/5.7	5.5/--
DCA	0.04	2.2/0.0	2.7/1.7	2.8/2.0	2.9/2.7	2.9/2.8	3.7/3.5	3.8/4.1	4.5/5.7	4.8/5.9	4.9/6.1	4.8/6.2	4.9/6.4	4.9/6.6	4.7/6.7	5.1/--
DEC	0.15	2.0/0.0	2.1/2.6	2.1/3.0	2.5/3.5	3.0/4.0	3.3/3.7	3.3/3.6	4.2/5.2	4.9/5.4	4.8/5.5	5.2/5.6	4.9/5.8	5.3/5.9	5.7/6.0	5.7/--
DEN	0.21	3.4/0.0	3.2/3.1	3.3/2.9	3.1/3.5	3.2/3.2	3.0/3.2	3.0/3.5	3.6/5.2	3.8/5.5	3.8/5.7	3.4/6.0	3.7/6.3	3.8/6.5	4.1/6.8	3.9/--
DFW	0.08	1.8/0.0	2.3/2.2	2.6/2.5	2.7/2.2	2.8/3.4	3.2/3.3	4.1/4.4	4.0/5.1	4.7/5.2	4.3/5.3	4.3/5.4	4.5/5.5	5.0/5.7	5.3/5.8	5.2/--
DLH	-0.02	2.3/0.0	2.2/2.5	2.5/2.9	3.1/3.0	3.2/3.0	3.3/3.6	3.8/4.8	4.4/4.4	4.8/4.5	4.5/4.5	5.0/4.5	5.5/4.7	5.7/4.6	5.6/4.8	5.7/--
DSM	0.04	2.3/0.0	2.6/1.9	2.5/2.3	3.4/2.6	3.9/3.2	4.3/3.8	4.7/4.2	4.5/5.8	4.8/6.0	4.5/6.1	4.3/6.3	4.6/6.5	5.4/6.8	5.4/7.1	5.4/--
DTW	0.14	1.9/0.0	2.1/3.3	2.3/3.2	3.0/3.4	3.2/3.8	3.7/3.2	3.6/3.5	4.5/4.5	4.3/4.8	4.5/4.9	3.9/5.1	3.9/5.3	4.2/5.5	4.9/5.7	4.7/--
ELP	0.17	3.3/0.0	3.0/2.7	3.0/2.5	3.0/3.3	3.1/3.2	3.6/3.5	3.5/3.6	4.1/7.3	5.0/7.4	5.1/7.7	5.5/7.9	5.2/8.0	5.3/8.3	5.8/8.6	5.8/--
ERI	0.11	2.8/0.0	2.9/3.9	2.9/4.1	3.3/3.9	3.0/4.1	3.6/4.1	4.7/4.5	5.4/5.5	5.7/5.7	6.1/5.8	5.2/6.0	5.6/6.2	5.9/6.5	5.9/6.5	6.1/--
EUG	-0.11	2.6/0.0	2.9/2.2	2.7/2.0	3.7/2.9	4.3/3.4	4.7/4.4	4.9/4.5	5.4/4.8	5.2/4.8	4.6/4.8	4.7/4.8	4.7/4.8	4.9/4.9	5.0/5.0	5.1/--
EVV	0.26	2.0/0.0	2.5/3.0	2.8/3.1	2.5/3.6	2.4/3.7	3.5/3.7	3.7/4.9	4.5/6.4	4.6/6.6	4.7/6.8	4.7/7.1	5.2/7.4	5.2/7.5	5.3/7.8	5.2/--
EWR	0.20	2.0/0.0	2.1/3.0	2.3/2.6	2.0/2.9	2.4/2.9	3.3/3.2	3.6/3.9	3.6/4.4	3.9/4.5	3.6/4.8	3.3/4.9	3.5/5.0	4.1/5.3	4.2/5.5	4.3/--
FAR	-0.05	2.9/0.0	2.8/4.4	3.1/3.3	3.7/4.4	4.1/4.6	4.8/6.9	5.3/6.0	6.0/5.5	6.5/5.5	5.7/5.3	6.3/5.3	6.9/5.0	7.1/5.1	7.4/5.1	6.9/--
FAT	0.23	2.7/0.0	2.8/2.2	2.9/2.5	2.7/2.1	3.1/2.9	3.3/3.2	3.6/3.6	3.6/8.1	3.6/8.4	3.5/8.6	3.8/8.8	4.5/9.0	4.8/9.1	5.0/9.4	5.0/--
FLG	0.11	4.0/0.0	4.4/2.8	4.9/3.6	5.0/3.5	4.5/3.8	4.5/3.7	4.0/4.4	4.5/7.4	4.4/7.6	4.4/7.8	4.4/8.0	4.6/8.2	4.8/8.5	5.0/8.7	5.1/--
FMY	0.28	1.8/0.0	1.8/1.5	1.8/1.8	1.6/1.8	1.7/1.6	1.8/2.0	1.7/2.1	2.0/3.1	2.0/3.3	1.8/3.5	1.7/3.6	1.8/3.8	1.8/4.0	2.0/4.2	1.9/--
FSD	0.08	2.6/0.0	2.9/3.8	2.9/4.5	3.8/5.0	4.2/4.3	4.8/4.9	5.2/4.7	5.7/6.1	6.2/6.3	6.2/6.3	5.8/6.5	6.4/6.7	7.3/6.9	7.2/7.2	7.2/--
FWA	0.03	2.4/0.0	2.7/3.7	2.6/3.4	2.7/4.1	3.4/3.6	4.4/4.8	4.3/4.2	5.9/4.9	6.7/5.1	5.7/5.3	5.3/5.4	5.4/5.5	5.5/5.6	5.6/5.9	6.0/--

GAD	0.10	2.3/0.0	2.8/2.5	3.5/2.5	3.6/2.9	4.1/3.3	4.7/3.6	4.9/4.1	5.5/7.7	5.1/7.9	4.3/8.2	4.2/8.3	5.0/8.5	5.1/8.7	5.5/9.0	6.4/--
GEG	0.07	1.9/0.0	2.3/1.9	2.3/2.3	2.7/2.3	2.7/2.9	3.4/3.1	3.5/3.5	3.8/5.0	3.7/5.2	4.0/5.1	4.0/5.2	4.5/5.3	4.8/5.5	5.2/5.6	5.6/--
GTF	0.09	3.4/0.0	3.7/3.5	4.5/4.6	4.7/4.5	4.3/4.6	4.7/4.9	4.3/5.0	5.2/6.0	5.0/6.0	5.1/6.2	5.2/6.3	5.5/6.3	5.8/6.4	6.0/6.5	6.2/--
HOU	-0.20	2.9/0.0	3.2/2.1	3.2/1.7	3.2/2.3	4.0/2.9	4.2/3.0	4.9/3.4	4.9/6.3	5.7/6.4	6.2/6.5	6.3/6.6	6.8/6.8	7.2/7.0	7.4/7.1	7.9/--
HSV	0.24	2.2/0.0	2.6/2.3	2.5/2.5	2.9/2.9	3.0/2.8	3.8/3.3	4.2/4.8	4.6/8.5	4.5/8.6	3.9/8.8	4.5/9.0	5.1/9.1	5.1/9.4	5.7/9.5	6.5/--
IAH	0.10	2.1/0.0	2.4/2.0	2.6/1.8	2.3/2.2	3.3/2.9	3.5/3.5	4.1/3.9	4.0/7.2	4.5/7.3	4.6/7.4	5.2/7.6	5.7/7.8	6.4/7.9	6.3/8.1	7.0/--
ICT	0.05	2.1/0.0	2.5/1.9	2.9/2.8	3.5/3.1	4.4/3.6	5.0/4.0	5.1/4.5	4.5/5.2	4.5/5.4	3.8/5.5	3.7/5.8	4.2/6.0	4.6/6.2	5.0/6.5	5.0/--
ILG	0.14	2.5/0.0	2.6/2.4	3.3/3.0	3.4/3.6	3.5/3.7	4.3/4.1	4.4/5.1	5.2/6.9	5.5/7.0	5.3/7.2	5.0/7.4	5.2/7.5	5.7/7.7	6.0/7.9	6.3/--
IND	0.21	2.2/0.0	2.4/2.6	2.5/2.7	2.6/3.3	2.3/3.4	3.0/3.4	3.4/3.5	4.4/5.8	4.6/6.1	5.1/6.3	4.6/6.5	4.9/6.8	4.9/7.1	5.1/7.4	5.4/--
IPT	0.18	2.7/0.0	2.3/2.8	2.7/2.9	2.9/3.6	3.3/4.0	3.6/3.9	4.2/4.5	5.2/6.8	6.0/7.0	5.5/7.1	5.6/7.3	5.7/7.5	5.8/7.6	6.1/7.7	6.5/--
JAN	0.24	2.2/0.0	2.4/2.0	2.7/2.3	2.9/2.6	3.2/3.4	3.5/4.0	3.6/4.1	3.6/8.0	3.7/8.2	3.7/8.4	4.2/8.5	4.5/8.7	5.4/8.9	5.8/9.0	6.1/--
JAX	0.20	1.7/0.0	1.8/1.5	1.8/1.5	2.3/1.4	2.4/1.9	2.2/1.7	2.3/2.0	2.0/5.4	2.2/5.6	2.3/5.9	2.2/6.1	2.3/6.3	2.5/6.6	2.9/6.8	3.3/--
JFK	0.30	1.5/0.0	1.7/2.0	2.0/2.5	1.9/2.8	2.1/2.4	2.9/2.8	3.3/3.2	3.1/4.9	3.1/5.1	3.1/5.3	2.8/5.6	2.7/5.9	3.0/6.2	3.3/6.5	3.3/--
LAN	0.19	2.3/0.0	2.3/3.1	2.6/3.3	3.1/3.5	3.2/4.5	4.0/4.3	4.5/4.3	4.9/6.4	5.1/6.5	5.0/6.6	4.8/6.8	4.8/7.0	5.7/7.1	6.1/7.4	5.9/--
LAS	0.48	1.4/0.0	1.4/1.9	1.5/1.9	1.8/2.1	1.9/2.5	2.0/2.8	2.0/3.1	2.7/11.5	3.5/11.8	3.9/12.1	3.9/12.4	4.3/12.7	4.8/13.0	5.0/13.3	5.2/--
LAX	-0.02	1.8/0.0	1.9/1.0	1.8/1.1	1.7/1.0	1.8/1.3	1.8/1.3	1.9/1.0	1.6/2.5	1.5/2.6	1.5/2.7	1.2/2.8	1.1/3.0	1.1/3.1	1.0/3.2	1.1/--
LEX	0.31	1.7/0.0	1.3/2.9	1.7/2.5	2.0/3.2	1.6/2.8	2.6/2.9	3.3/4.3	4.8/6.5	5.1/6.7	4.9/6.9	5.1/7.1	5.4/7.3	5.1/7.5	5.2/7.7	5.5/--
LFK	0.13	1.8/0.0	2.0/1.9	2.4/1.7	2.1/2.4	3.2/3.2	4.1/4.1	4.2/4.5	4.4/8.3	4.6/8.5	5.5/8.7	6.8/8.8	7.4/9.0	8.2/9.2	8.5/9.3	8.9/--
LGA	0.16	2.3/0.0	2.1/2.6	2.4/2.5	2.5/2.9	2.5/2.5	3.0/2.8	3.2/3.3	3.4/4.0	3.7/4.2	3.4/4.4	3.0/4.6	3.2/4.8	3.6/5.0	3.8/5.3	3.9/--
LGB	-0.75	2.9/0.0	3.5/1.4	4.1/1.5	3.5/1.2	3.3/1.3	3.4/1.3	4.0/1.1	3.7/2.8	3.1/2.9	2.8/3.1	2.5/3.3	2.1/3.4	2.1/3.5	2.1/3.7	2.1/--
LIT	0.16	2.2/0.0	2.4/2.2	2.6/2.6	2.6/2.8	3.1/2.8	3.3/3.2	3.8/3.7	3.9/5.7	4.2/5.8	4.5/6.1	3.8/6.3	4.4/6.5	4.2/6.7	4.6/6.9	4.7/--
LNS	0.33	2.2/0.0	2.0/2.9	2.7/3.4	3.0/3.8	3.4/4.2	4.3/4.4	4.7/5.4	5.5/9.9	5.9/10.2	5.4/10.5	5.3/10.7	5.7/11.0	6.1/11.3	6.4/11.5	6.8/--
MAF	0.19	2.6/0.0	2.8/2.9	2.3/3.5	2.6/3.1	2.5/3.3	3.0/3.2	3.5/3.5	3.8/4.9	3.9/5.1	4.1/5.4	4.3/5.6	4.6/5.8	4.9/6.0	5.1/6.3	5.3/--
MBA	0.17	2.4/0.0	2.6/2.8	2.9/2.9	2.7/3.4	2.9/3.7	4.0/3.8	4.3/4.5	4.9/5.8	4.6/5.9	4.5/6.3	4.5/6.4	4.4/6.6	5.2/6.9	5.5/7.0	5.4/--
MCI	0.09	2.0/0.0	2.3/2.3	2.6/2.5	2.9/2.9	3.5/2.7	3.7/3.6	4.0/4.3	3.9/4.9	4.8/5.0	4.1/5.2	3.8/5.4	4.1/5.5	4.8/5.7	4.7/6.0	4.5/--
MCN	0.24	1.9/0.0	2.3/2.4	2.4/2.0	2.5/2.3	3.1/3.0	3.6/2.7	3.5/3.4	3.9/7.6	3.6/7.8	3.6/8.1	3.6/8.3	3.9/8.6	4.2/8.8	4.3/9.1	4.8/--
MCO	0.21	1.9/0.0	1.8/1.6	1.6/1.4	1.9/1.8	1.7/1.6	1.8/1.7	1.8/1.8	2.0/3.5	2.0/3.7	2.1/3.9	2.4/4.1	2.3/4.3	2.4/4.4	2.6/4.6	2.6/--
MDT	0.17	2.0/0.0	2.5/2.7	3.1/3.3	3.1/3.6	3.1/3.8	4.0/4.2	4.3/5.1	5.1/6.2	5.4/6.4	4.9/6.5	4.7/6.6	5.1/6.8	5.4/7.0	5.6/7.2	5.8/--
MEM	0.11	2.5/0.0	2.6/1.8	2.4/2.2	3.0/2.4	3.1/2.5	3.3/3.2	3.8/4.0	4.3/6.4	4.2/6.5	4.0/6.6	4.4/6.9	4.7/7.1	4.5/7.3	4.8/7.5	5.5/--
MHT	0.45	1.6/0.0	2.0/3.4	2.4/3.2	2.8/3.9	3.0/4.2	3.9/4.4	4.6/4.7	5.0/11.1	4.4/11.5	4.3/11.9	4.1/12.2	3.9/12.6	4.7/13.0	4.8/13.3	5.0/--
MIA	0.13	1.6/0.0	1.5/1.8	1.5/2.0	1.7/1.7	1.7/1.8	1.9/1.9	2.2/2.0	2.3/3.1	2.7/3.1	2.8/3.3	3.0/3.5	3.0/3.5	2.9/3.6	2.9/3.7	2.9/--
MKE	0.14	2.6/0.0	2.5/3.0	2.7/3.1	3.6/3.6	4.4/4.2	4.1/4.3	4.0/4.5	3.9/5.5	4.5/5.7	4.7/5.8	4.8/5.9	4.7/6.3	5.8/6.5	5.8/6.7	5.3/--
MOB	0.27	1.9/0.0	2.5/2.5	2.3/2.3	2.6/2.6	2.8/3.4	3.4/3.5	3.3/3.7	3.2/7.7	3.4/7.9	3.8/8.1	4.4/8.3	5.1/8.5	5.4/8.6	5.6/8.8	5.7/--
MSP	0.11	2.1/0.0	2.3/2.7	2.7/3.1	3.7/3.7	4.1/4.1	4.6/4.8	5.0/4.8	5.3/6.4	5.4/6.6	5.5/6.8	5.3/6.8	5.8/7.1	6.5/7.3	6.3/7.5	6.1/--
MSY	0.35	1.8/0.0	2.0/1.7	1.8/1.6	2.0/2.2	2.1/1.6	2.0/2.1	2.1/2.9	1.9/6.5	1.9/6.7	2.1/6.9	2.4/7.2	2.7/7.4	3.1/7.6	3.3/7.9	3.5/--
MWL	0.05	2.3/0.0	2.8/2.7	2.7/2.8	2.6/2.6	3.2/3.8	4.1/4.7	4.7/5.3	4.7/6.2	5.1/6.2	5.8/6.2	6.1/6.2	6.4/6.3	6.9/6.4	7.2/6.5	7.5/--
NKX	-0.45	2.8/0.0	2.9/1.9	3.2/2.4	2.9/2.1	3.1/1.9	2.7/2.5	3.1/1.7	3.0/0.0	2.9/0.0	2.6/0.0	2.8/0.0	2.4/0.0	2.6/0.0	2.4/0.0	2.6/--
NTU	0.21	2.4/0.0	2.2/2.5	2.3/2.9	2.9/3.2	3.4/3.8	4.9/4.2	5.0/5.3	5.1/8.7	5.9/8.9	5.9/9.0	6.1/9.1	6.6/9.3	6.9/9.5	7.1/9.7	7.3/--
OAK	-0.92	2.5/0.0	2.9/1.5	2.9/1.9	3.5/1.9	3.9/2.0	4.7/2.2	5.0/2.0	4.7/2.6	4.6/2.6	4.1/2.6	5.2/2.7	5.3/2.6	5.2/2.7	5.5/2.6	5.6/--
OKC	-0.02	3.3/0.0	3.7/3.2	3.7/3.6	3.9/3.7	4.4/3.9	4.9/4.0	5.1/4.8	5.1/5.1	5.2/5.1	4.4/5.2	4.4/5.3	4.8/5.3	5.2/5.4	5.8/5.5	5.8/--
OMA	0.06	2.5/0.0	2.6/2.8	3.1/3.2	3.9/3.2	4.3/3.5	4.6/4.2	5.0/5.0	5.4/5.9	6.0/6.0	5.2/6.3	4.7/6.4	4.9/6.7	5.5/7.0	5.4/7.1	5.6/--
ORD	0.18	1.7/0.0	2.0/2.6	2.2/2.4	2.8/3.1	3.4/3.4	3.4/3.6	4.0/3.8	4.1/5.9	5.0/6.1	5.1/6.4	4.4/6.5	4.4/6.7	5.0/7.0	5.5/7.1	5.2/--
ORH	0.13	3.0/0.0	2.8/2.6	2.8/3.0	2.8/3.3	3.1/3.5	4.4/4.5	4.7/4.7	4.9/5.9	5.0/6.1	4.9/6.2	5.3/6.5	4.9/6.7	5.6/6.8	5.7/7.1	5.6/--
PDT	-0.16	2.7/0.0	3.2/2.0	3.0/2.3	3.3/2.8	4.2/3.3	4.7/3.6	4.9/4.1	5.1/4.9	5.0/4.9	5.1/4.9	4.5/5.0	4.8/5.1	5.2/5.0	5.7/5.1	5.7/--
PDX	0.15	3.8/0.0	1.5/1.3	1.5/1.5	1.7/1.9	2.2/1.8	2.2/2.7	2.6/2.7	2.8/3.6	2.8/3.7	2.6/3.8	2.7/3.8	2.9/4.0	3.0/4.2	3.1/4.3	3.2/--
PHL	0.13	2.0/0.0	2.4/2.3	2.9/2.9	3.1/3.3	3.4/3.3	4.6/3.9	4.5/4.5	4.6/5.4	4.6/5.7	4.3/5.8	4.2/6.0	4.3/6.3	4.4/6.5	4.5/6.7	4.6/--
PHX	0.31	2.1/0.0	2.2/1.8	2.2/2.1	2.4/2.1	2.5/2.0	2.3/2.4	2.5/2.4	2.9/9.8	3.2/10.1	3.2/10.4	3.5/10.7	4.1/11.0	4.2/11.3	4.3/11.5	4.6/--
PIR	-0.03	2.6/0.0	2.5/4.0	2.5/3.7	2.5/4.2	3.1/4.0	4.1/5.2	5.2/5.1	5.4/4.9	5.8/4.7	5.3/4.7	5.9/4.8	6.2/4.6	6.7/4.8	6.9/4.8	7.0/--
PIT	0.19	2.1/0.0	2.0/2.8	2.5/2.8	2.9/3.3	3.3/3.4	3.8/3.8	4.4/4.4	5.1/7.1	5.6/7.3	5.7/7.5	5.4/7.6	5.5/7.8	5.6/8.0	6.0/8.1	6.4/--
PVD	0.25	1.1/0.0	1.3/2.2	1.3/2.1	1.5/2.5	2.1/2.9	2.6/2.8	2.8/3.3	3.6/4.6	4.1/4.7	3.9/4.9	4.0/5.0	3.6/5.2	4.0/5.4	4.1/5.5	4.5/--
PWM	0.20	2.4/0.0	2.4/2.9	2.6/3.2	2.5/3.0	2.7/3.8	3.0/4.1	4.0/3.8	4.5/5.4	4.8/5.5	4.1/5.6	4.2/5.8	4.1/6.0	4.5/6.1	5.0/6.3	5.1/--
RAL	-0.23	3.4/0.0	3.5/4.8	3.9/4.5	4.1/4.2	4.2/4.2	4.1/4.0	4.3/3.5	4.3/3.2	4.3/3.2	4.7/3.2	4.6/3.1	4.3/3.0	4.4/2.9	4.4/2.9	4.3/--
RAP	-0.00	2.6/0.0	2.8/5.1	3.4/5.6	3.9/5.2	4.9/4.9	4.9/4.9	5.5/5.3	6.0/5.4	6.3/5.2	5.7/5.3	5.8/5.3	6.0/5.3	6.2/5.4	7.1/5.3	7.0/--
RBL	0.25	2.4/0.0	2.5/3.6	2.6/2.9	2.9/3.5	3.7/2.8	3.4/3.2	3.4/3.4	3.5/6.0	3.5/6.2	3.5/6.4	3.4/6.7	3.7/6.9	4.2/7.1	4.4/7.4	4.4/--
RDD	0.13	3.9/0.0	4.4/3.6	4.3/4.0	4.3/3.7	5.1/3.8	5.0/3.6	5.1/3.9	4.6/8.1	4.5/8.4	4.4/8.5	4.4/8.7	4.9/8.9	5.0/9.2	5.2/9.3	5.5/--
RDU	0.38	2.6/0.0	2.4/3.0	2.2/3.8	2.2/3.5	2.6/3.5	4.2/4.4	4.6/5.8	4.6/10.0	4.9/10.2	4.8/10.3	5.2/10.5	5.7/10.7	6.0/10.9	6.0/11.1	6.3/--
RIC	0.04	2.4/0.0	2.5/1.4	2.4/2.3	2.9/2.3	3.6/3.0	4.9/3.5	5.2/5.0	5.0/8.6	5.5/8.8	5.7/8.9	5.9/9.1	6.3/9.3	6.5/9.5	6.9/9.6	7.1/--
RNO	0.39	2.4/0.0	2.5/2.5	2.8/2.5	3.1/3.1	3.4/3.3	3.2/3.2	3.4/4.1	4.3/12.2	3.5/12.4	3.7/12.7	2.9/12.9	3.0/13.2	3.6/13.4	3.9/13.6	4.0/--

ROA	0.19	2.1/0.0	2.1/2.7	2.4/2.6	3.0/2.6	3.6/3.2	4.5/4.1	5.1/5.1	5.3/8.2	5.1/8.4	5.4/8.5	5.7/8.6	5.8/8.8	5.7/9.0	5.7/9.1	6.2/--
ROC	0.07	3.0/0.0	3.0/3.5	2.8/3.5	3.0/3.2	3.2/3.6	3.7/3.8	4.2/4.3	5.0/5.6	5.5/5.6	5.6/5.7	5.6/5.9	5.7/6.0	5.7/6.1	5.8/6.2	6.2/--
SAC	0.07	1.9/0.0	2.4/2.7	4.1/2.4	3.0/2.6	3.1/2.9	2.8/3.0	3.1/2.7	3.0/4.2	3.1/4.3	3.0/4.5	3.3/4.6	3.7/4.7	3.8/4.8	4.0/5.0	4.0/--
SAN	-0.68	1.7/0.0	2.1/1.3	2.4/1.7	2.3/1.5	2.6/1.4	2.6/1.0	3.1/1.4	3.1/1.5	3.1/1.6	2.6/1.6	2.6/1.7	2.3/1.8	2.2/1.9	2.4/2.0	2.5/--
SAT	0.08	2.1/0.0	2.4/2.3	2.5/2.3	3.1/2.5	3.3/2.8	3.7/3.1	4.2/3.4	4.2/7.0	4.5/7.1	4.9/7.3	5.0/7.4	5.4/7.6	6.0/7.8	6.4/8.0	6.8/--
SAV	0.24	1.7/0.0	1.9/2.3	1.9/2.6	2.0/2.3	3.1/2.4	3.8/2.5	4.0/3.4	4.1/7.1	3.6/7.3	3.5/7.5	3.9/7.7	3.7/7.9	4.0/8.2	4.0/8.5	4.5/--
SDF	0.27	1.9/0.0	2.0/2.8	2.3/3.0	2.2/3.1	2.2/3.3	3.0/3.4	3.4/4.1	4.6/6.1	4.7/6.3	4.7/6.5	4.7/6.6	5.0/6.9	4.7/7.1	4.9/7.3	5.0/--
SEA	-0.18	1.8/0.0	1.8/1.2	1.9/1.7	2.0/2.0	2.0/1.8	2.1/2.4	2.4/2.2	2.8/2.2	2.6/2.1	2.5/2.1	2.6/2.1	2.5/2.3	3.1/2.4	3.2/2.5	3.1/--
SFO	-0.18	1.4/0.0	1.7/1.7	2.2/1.9	2.3/1.7	2.6/1.7	2.3/1.7	2.6/1.7	2.4/2.5	2.5/2.4	2.3/2.4	2.5/2.4	2.7/2.5	2.8/2.5	3.0/2.6	3.0/--
SJC	-0.03	1.9/0.0	1.9/1.9	2.1/1.8	2.5/1.9	3.2/2.5	3.2/2.5	3.4/2.4	3.3/3.7	3.3/3.7	2.9/3.8	3.0/3.9	3.4/4.0	3.6/4.1	4.0/4.2	3.9/--
SJT	0.11	2.3/0.0	2.6/3.0	2.4/2.6	2.4/2.7	2.6/2.9	2.8/3.3	3.9/4.5	4.5/6.4	4.8/6.6	5.7/6.6	5.9/6.7	6.5/6.8	7.1/7.0	7.5/7.1	7.8/--
SLC	0.35	2.0/0.0	2.0/2.8	2.1/2.8	2.4/3.3	2.6/3.9	2.8/3.7	3.0/4.6	3.2/5.8	3.3/6.0	3.5/6.1	3.7/6.3	3.9/6.5	4.2/6.6	4.1/6.9	4.2/--
SSI	0.03	1.8/0.0	2.0/1.5	2.1/1.5	2.2/1.6	2.8/1.7	3.1/1.8	3.5/2.4	3.7/5.2	3.4/5.4	2.8/5.6	2.5/5.9	2.8/6.2	2.8/6.4	3.0/6.6	3.2/--
STL	0.18	2.0/0.0	2.1/2.2	2.1/2.8	2.5/3.4	3.1/3.4	3.5/3.8	3.8/4.5	3.8/5.4	4.9/5.6	4.8/5.8	4.6/5.9	4.8/6.1	5.2/6.3	5.6/6.5	5.8/--
SYR	0.15	2.5/0.0	2.5/3.4	2.6/3.3	3.2/3.2	3.1/4.4	3.9/4.6	4.8/4.9	5.2/6.5	5.9/6.5	5.9/6.7	5.8/6.9	5.8/7.0	6.0/7.2	6.2/7.3	6.4/--
TLH	0.17	2.4/0.0	2.8/2.1	3.1/2.0	3.1/2.5	3.0/3.1	3.2/3.4	3.4/3.4	3.3/5.8	3.3/6.1	3.7/6.3	3.8/6.6	3.7/6.8	3.7/7.0	4.0/7.4	4.2/--
TPA	0.04	1.7/0.0	1.9/1.6	2.0/1.7	2.2/1.6	2.2/1.5	2.1/1.5	2.3/1.7	2.5/3.6	2.6/3.7	2.4/3.8	2.4/4.0	2.5/4.1	2.8/4.4	3.0/4.4	2.9/--
TRM	-0.17	8.2/0.0	7.5/4.2	6.9/4.7	6.8/4.9	7.0/5.0	6.7/5.2	7.3/5.4	7.3/6.7	7.1/6.8	6.9/6.9	6.4/7.2	6.5/7.4	6.1/7.5	6.0/7.7	6.2/--
TUL	0.08	2.1/0.0	2.6/2.8	2.6/3.4	2.7/3.3	3.4/3.9	4.0/3.7	4.4/4.1	4.4/4.6	5.3/4.7	4.3/4.8	4.0/4.8	4.4/5.1	4.5/5.1	4.6/5.3	4.7/--
TUS	0.28	2.6/0.0	2.3/1.8	2.2/1.8	2.3/1.9	2.6/1.8	2.3/2.2	2.5/2.5	2.9/8.8	2.8/9.1	2.9/9.4	3.1/9.7	3.1/10.0	3.0/10.3	3.0/10.5	3.1/--
TYR	0.03	1.9/0.0	2.4/1.7	2.3/1.9	2.9/1.9	3.5/3.4	3.9/4.3	4.2/4.6	4.5/6.7	4.8/6.8	5.0/7.0	5.8/7.1	6.2/7.2	6.8/7.4	7.1/7.4	7.3/--
TYS	0.21	2.0/0.0	2.1/2.5	2.2/2.3	2.5/2.9	2.9/3.1	3.6/3.3	4.3/4.3	5.1/7.4	5.2/7.5	4.6/7.7	4.9/7.9	5.4/8.1	5.4/8.3	5.6/8.5	6.4/--
VCT	-0.00	1.7/0.0	1.8/1.9	1.8/2.0	2.6/2.4	3.2/2.4	3.4/3.2	4.0/3.2	4.1/6.5	4.6/6.5	5.4/6.5	6.5/6.7	7.1/6.8	7.9/6.9	8.1/6.9	8.6/--
WJF	-0.12	4.4/0.0	4.8/3.2	5.5/2.8	5.4/3.7	5.5/3.3	5.6/3.3	6.0/4.4	6.2/8.6	5.9/8.8	6.6/9.1	6.3/9.4	6.6/9.6	7.1/9.9	7.0/10.2	7.0/--
YKM	0.07	4.0/0.0	4.1/2.9	4.2/3.5	4.0/3.7	4.0/4.8	4.1/4.8	4.2/4.6	4.6/5.9	4.4/6.0	4.7/6.0	5.0/6.1	5.2/6.2	5.6/6.1	5.8/6.4	5.7/--
YNG	0.10	2.8/0.0	3.0/3.8	3.1/4.3	4.0/4.2	4.0/4.0	4.3/4.4	5.1/4.8	6.2/7.3	7.2/7.3	6.9/7.5	6.4/7.6	6.9/7.7	6.6/7.8	6.6/8.0	7.0/--
YQB	-0.08	3.4/0.0	3.7/0.0	4.3/0.0	4.8/0.0	4.5/0.0	5.1/0.0	5.3/0.0	6.1/5.4	6.3/5.5	6.0/5.7	6.2/5.8	6.4/6.0	6.6/6.2	6.8/6.3	6.5/--
YUL	0.17	3.0/0.0	3.4/0.0	3.3/0.0	3.7/0.0	4.2/0.0	4.3/0.0	4.8/0.0	5.1/5.7	5.7/5.9	5.0/6.1	4.9/6.2	4.8/6.4	5.2/6.6	5.5/6.8	5.4/--
YVR	-0.00	2.2/0.0	2.1/0.0	2.3/0.0	2.2/0.0	2.2/0.0	2.3/0.0	2.6/0.0	2.8/2.6	2.9/2.7	2.7/2.7	2.8/2.8	2.8/2.9	2.9/3.0	3.1/3.1	3.2/--
YXD	0.13	4.0/0.0	4.0/0.0	4.3/0.0	3.9/0.0	4.2/0.0	4.4/0.0	4.6/0.0	5.1/6.1	5.3/5.9	4.5/5.8	4.3/5.6	4.8/5.4	4.8/5.3	5.1/5.2	5.1/--
YYC	0.19	3.1/0.0	3.1/0.0	3.0/0.0	3.2/0.0	3.6/0.0	3.8/0.0	3.9/0.0	4.2/4.7	4.0/4.8	3.8/4.8	4.0/4.9	3.9/5.0	4.0/5.1	4.2/5.2	4.2/--
YYZ	0.08	3.0/0.0	3.2/0.0	3.3/0.0	4.0/0.0	4.0/0.0	4.5/0.0	4.8/0.0	5.4/5.7	5.7/5.8	5.6/6.0	5.7/6.2	5.8/6.4	5.7/6.5	5.6/6.7	5.7/--

Bias (2009-05-01~2009-05-31)

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	0.85	0.6/0.0	0.5/0.9	0.5/1.0	0.4/1.1	0.5/0.2	0.3/1.1	0.5/0.9	1.1/-3.5	1.5/-3.8	1.4/-4.2	1.6/-4.5	1.3/-4.9	1.1/-5.2	0.9/-5.6	0.6/--
ABI	1.64	0.0/0.0	-0.1/2.2	0.1/2.3	0.1/1.6	0.8/2.9	1.0/3.0	1.1/3.6	2.4/-1.4	2.3/-1.6	2.9/-1.9	2.7/-2.3	3.1/-2.6	3.3/-2.9	2.5/-3.2	2.3/--
ABQ	1.02	0.1/0.0	0.3/1.0	0.1/0.8	0.7/-0.0	0.7/0.7	0.5/1.0	1.0/0.2	0.9/-8.1	0.9/-8.4	0.6/-8.7	1.7/-9.1	2.0/-9.4	1.7/-9.7	2.1/-10.0	2.0/--
ABY	-0.48	0.0/0.0	0.0/-0.3	-0.2/-0.5	-0.4/-0.9	-0.5/-0.6	-0.5/-1.4	-0.2/-1.2	-0.1/-8.4	-0.2/-8.7	-0.4/-9.0	-0.5/-9.3	-0.8/-9.6	-0.8/-10.0	-1.2/-10.3	-1.5/--
ACT	0.71	0.4/0.0	0.0/0.4	-0.0/0.4	0.3/0.7	0.5/1.4	0.4/1.7	0.1/2.4	0.9/-2.6	1.4/-3.0	1.6/-3.3	1.6/-3.5	1.3/-3.9	1.2/-4.2	0.7/-4.5	0.2/--
ACY	0.83	-0.2/0.0	0.1/0.7	0.6/0.2	0.8/0.8	0.9/0.1	0.7/-0.2	0.4/-0.1	0.6/-5.6	1.3/-5.9	1.7/-6.2	1.4/-6.6	1.2/-6.9	1.1/-7.3	1.0/-7.6	0.8/--
ALB	1.80	0.2/0.0	0.4/1.2	0.8/1.4	0.9/1.8	1.3/1.2	0.7/1.7	1.1/2.3	1.4/-2.4	2.2/-2.7	2.9/-3.1	3.2/-3.4	3.1/-3.8	3.2/-4.1	2.8/-4.5	2.7/--
ALW	1.11	0.2/0.0	0.4/-0.4	0.4/0.1	0.5/-0.4	0.3/-0.5	0.7/-0.4	1.5/-1.7	1.4/-3.9	1.8/-4.1	2.6/-4.4	1.7/-4.6	1.3/-4.8	1.0/-5.0	1.5/-5.2	1.3/--
AOO	0.86	0.2/0.0	0.5/0.4	0.8/-0.7	0.9/0.3	1.0/0.6	1.1/0.4	1.4/0.6	1.0/-1.8	1.3/-2.1	1.3/-2.5	1.1/-2.8	0.8/-3.1	0.8/-3.5	0.5/-3.8	0.2/--
APN	2.66	-0.1/0.0	0.0/2.7	0.4/2.9	0.8/1.3	1.1/0.7	1.5/1.5	1.9/2.6	1.8/0.7	1.9/0.4	4.8/0.1	5.0/-0.2	5.1/-0.5	5.4/-0.8	4.9/-1.2	5.3/--
ATL	-0.03	0.2/0.0	0.1/-1.2	-0.3/-1.1	-0.4/-1.3	-0.1/-1.2	-0.3/-1.5	0.1/-1.1	-0.2/-5.2	0.0/-5.5	0.8/-5.8	0.6/-6.1	0.2/-6.4	0.2/-6.7	-0.2/-7.0	-1.0/--
AUG	3.06	0.9/0.0	1.3/0.7	2.3/0.0	2.5/-0.1	2.6/-0.7	2.5/-0.1	3.0/0.0	3.4/-1.7	3.7/-2.0	3.9/-2.4	4.5/-2.7	4.3/-3.0	4.0/-3.4	3.7/-3.7	3.4/--
AUS	-0.39	-0.7/0.0	-0.5/0.2	-0.3/0.6	0.2/-0.4	0.6/0.3	1.0/-0.2	0.6/1.3	-0.1/-1.3	0.2/-1.5	-0.6/-1.8	-0.9/-2.1	-1.5/-2.3	-1.3/-2.6	-0.6/-2.8	-1.9/--
AVP	1.66	0.3/0.0	0.4/0.8	0.8/0.7	1.3/1.4	1.3/0.8	1.3/0.9	1.7/1.3	2.0/-2.2	2.3/-2.5	2.3/-2.8	2.5/-3.2	2.4/-3.5	2.3/-3.8	1.9/-4.2	1.9/--
BDL	2.20	0.2/0.0	0.8/0.9	1.2/1.1	1.3/1.5	1.2/1.1	1.4/1.3	1.3/1.7	1.7/-1.6	2.4/-2.0	3.0/-2.3	4.0/-2.6	3.8/-3.0	4.1/-3.3	3.3/-3.6	3.3/--
BFL	-0.87	-0.4/0.0	-0.4/-0.5	-0.4/-0.5	-0.6/-0.1	-0.5/-1.2	-0.3/-1.5	0.1/-2.7	-0.4/-8.2	-0.7/-8.5	-1.3/-8.7	-1.1/-9.0	-1.7/-9.3	-1.7/-9.5	-1.8/-9.8	-2.0/--
BGM	1.29	0.5/0.0	0.7/0.5	1.0/0.9	1.3/0.7	0.8/0.0	0.4/-0.5	1.0/0.6	0.7/-2.4	1.2/-2.8	2.1/-3.2	2.3/-3.5	2.1/-3.9	2.2/-4.3	1.5/-4.6	1.6/--
BHM	-0.18	0.1/0.0	-0.2/-0.0	-0.7/-0.5	-0.8/-0.1	-0.9/-0.0	-0.8/-0.9	-0.4/-0.3	-0.7/-7.2	-0.0/-7.5	0.8/-7.9	0.7/-8.2	0.6/-8.5	0.4/-8.8	-0.1/-9.2	-0.8/--
BIS	2.33	0.4/0.0	0.5/2.4	0.8/2.0	0.8/1.8	1.8/2.0	1.8/2.8	2.0/3.7	2.3/-0.1	2.2/-0.5	2.2/-0.9	3.1/-1.3	3.4/-1.7	4.0/-2.1	4.9/-2.5	4.7/--
BNA	-0.18	-0.4/0.0	-0.6/0.5	-0.9/-0.4	-1.1/-0.1	-1.3/0.5	-1.2/0.1	-0.3/0.5	-0.3/-4.4	0.8/-4.7	1.0/-5.0	0.7/-5.4	0.6/-5.7	0.5/-6.0	0.2/-6.3	-0.5/--
BOI	1.93	0.4/0.0	0.5/1.6	0.8/1.9	0.9/2.0	0.9/1.9	1.6/-0.6	1.7/-0.6	1.9/-3.7	2.3/-4.0	3.4/-4.2	2.7/-4.5	2.6/-4.7	2.8/-5.0	3.2/-5.2	3.2/--
BOS	0.79	0.5/0.0	0.9/0.8	1.0/0.5	1.2/0.2	1.1/0.0	0.9/-0.2	0.9/-0.1	0.9/-3.1	1.0/-3.4	1.1/-3.7	1.0/-4.0	0.7/-4.4	0.5/-4.6	0.2/-5.0	0.0/--
BRO	1.18	0.1/0.0	0.3/1.2	0.4/1.1	0.6/1.2	1.0/0.5	1.4/0.6	1.6/0.9	1.8/-2.5	2.2/-2.7	2.0/-2.9	1.9/-3.1	1.6/-3.4	1.4/-3.5	1.0/-3.7	0.5/--
BTV	0.17	-0.4/0.0	-0.2/0.3	0.4/0.1	0.1/0.8	-0.0/1.0	-0.7/0.3	-0.3/0.5	-0.2/-3.1	0.3/-3.5	0.8/-3.8	0.8/-4.2	0.8/-4.6	0.7/-5.0	0.2/-5.3	0.2/--
BUF	-0.28	-0.0/0.0	-0.5/1.3	-0.4/-0.0	-0.2/0.0	-0.4/-0.5	-0.9/-0.6	-0.7/0.6	-1.3/-1.7	-1.0/-2.1	-0.7/-2.5	0.6/-2.8	0.4/-3.2	0.6/-3.6	0.0/-4.0	0.2/--
BUR	4.81	2.0/0.0	2.4/-0.7	2.8/-0.7	3.2/-0.1	4.1/-1.1	5.0/-1.1	5.2/-1.2	5.1/-5.7	5.0/-5.8	5.6/-6.0	5.6/-6.2	6.2/-6.3	6.6/-6.5	6.8/-6.6	6.6/--
BWI	0.96	0.6/0.0	0.6/0.2	0.7/0.1	0.5/0.6	0.7/0.7	0.3/0.6	0.8/0.9	1.1/-4.3	1.3/-4.6	1.8/-5.0	1.9/-5.3	1.5/-5.6	1.1/-5.9	0.8/-6.3	0.6/--
CAE	-1.06	-0.4/0.0	-0.6/-0.5	-1.1/-1.0	-1.3/-0.9	-1.3/-1.1	-1.8/-0.9	-1.5/-0.6	-1.4/-5.4	-1.6/-5.7	-1.2/-6.0	-0.7/-6.3	-0.7/-6.6	-0.3/-7.0	-0.7/-7.3	-1.4/--
CHA	-0.43	-0.2/0.0	-0.2/-0.3	-0.7/-1.0	-0.6/-1.1	-0.5/-0.6	-0.6/-1.5	-0.3/-1.3	-0.5/-6.4	0.2/-6.7	0.3/-7.0	0.1/-7.4	-0.3/-7.7	-0.4/-8.0	-0.8/-8.3	-1.9/--
CLE	1.30	0.2/0.0	0.5/0.2	0.5/0.1	1.3/-0.0	1.6/0.2	1.2/0.5	1.6/1.1	1.5/-3.5	1.4/-3.8	1.9/-4.2	1.8/-4.5	1.5/-4.9	2.1/-5.2	1.4/-5.5	1.0/--
CLT	-0.42	-0.2/0.0	-0.4/-0.4	-0.7/-1.5	-0.8/-1.0	-0.8/-0.9	-1.0/-0.9	-0.7/-0.8	-0.4/-3.4	-0.5/-3.7	-0.2/-4.0	0.1/-4.3	0.0/-4.6	0.3/-4.9	-0.0/-5.2	-0.9/--
CMH	0.65	0.0/0.0	-0.4/0.8	-0.5/0.9	0.3/0.2	0.2/1.0	-0.1/1.3	0.8/1.1	0.5/-3.1	0.7/-3.4	1.7/-3.8	1.8/-4.1	1.2/-4.5	1.9/-4.9	1.0/-5.2	0.8/--
CON	1.64	-0.2/0.0	0.4/2.2	0.7/1.0	1.0/1.2	0.9/0.4	0.8/1.1	1.1/1.4	1.5/-2.7	1.6/-3.1	2.6/-3.4	3.2/-3.8	3.0/-4.1	3.1/-4.5	2.6/-4.8	2.5/--
COS	1.26	0.3/0.0	0.4/1.2	0.7/1.1	1.6/1.1	1.6/0.7	1.7/0.8	2.0/1.1	1.9/-6.1	1.2/-6.4	0.8/-6.7	1.3/-7.0	1.1/-7.3	1.3/-7.6	1.6/-8.0	1.6/--
COU	0.39	0.3/0.0	-0.4/0.4	0.2/1.1	0.5/0.4	0.6/0.5	1.0/0.7	0.7/1.0	1.0/-2.8	0.3/-3.2	0.1/-3.5	0.3/-3.8	0.4/-4.1	0.3/-4.5	0.3/-4.8	0.2/--
COT	-0.07	0.2/0.0	0.1/-0.3	0.2/-0.3	0.1/-0.4	0.3/-0.8	0.5/-1.3	0.9/-0.4	0.6/-2.8	0.3/-2.9	0.1/-3.0	-0.4/-3.2	-0.7/-3.3	-1.0/-3.4	-1.1/-3.5	-1.2/--
CRP	1.68	0.3/0.0	0.5/-0.1	0.7/-0.2	1.1/-0.7	1.7/-0.6	1.8/-0.3	2.0/0.1	2.2/-3.5	2.8/-3.8	2.5/-4.0	2.3/-4.3	2.3/-4.5	1.8/-4.7	1.7/-5.0	1.4/--
CRW	1.49	0.4/0.0	0.4/0.2	0.4/-0.6	0.8/0.3	1.4/0.9	1.7/1.1	2.2/1.4	2.2/-4.9	2.6/-5.2	2.3/-5.5	2.3/-5.8	1.8/-6.1	1.6/-6.3	1.2/-6.6	0.9/--
CVG	0.81	0.0/0.0	0.1/-0.6	0.1/-0.6	0.4/-1.3	0.4/0.4	-0.1/0.5	0.7/0.4	0.6/-3.4	1.0/-3.8	2.0/-4.1	1.5/-4.5	1.5/-4.8	1.6/-5.1	1.3/-5.5	0.8/--
DAY	0.69	-0.0/0.0	0.3/1.2	0.3/1.5	0.9/0.8	0.8/1.3	0.5/1.7	0.8/1.7	0.8/-2.9	0.7/-3.2	1.2/-3.6	0.9/-4.0	0.8/-4.3	1.3/-4.7	0.8/-5.1	0.3/--
DBQ	0.75	0.3/0.0	0.3/0.8	0.7/1.4	1.5/0.3	1.1/0.2	1.3/1.5	0.7/1.6	0.6/-0.8	0.7/-1.2	0.7/-1.5	0.3/-1.9	0.7/-2.3	0.5/-2.6	0.8/-3.0	1.2/--
DCA	0.71	-0.3/0.0	-0.1/0.4	0.1/0.1	-0.1/0.7	0.2/0.9	0.3/1.0	0.5/1.1	1.0/-3.6	1.3/-4.0	1.7/-4.3	1.9/-4.6	1.4/-4.9	1.2/-5.3	0.9/-5.6	0.6/--
DEC	0.69	-0.3/0.0	-0.3/0.2	0.1/1.2	1.0/0.8	1.0/0.1	0.9/1.0	0.6/1.2	0.4/-2.6	0.3/-2.9	0.7/-3.3	0.8/-3.6	1.1/-3.9	1.3/-4.2	1.4/-4.5	1.4/--
DEN	0.91	0.2/0.0	0.3/-0.9	0.4/-0.2	0.8/-0.3	0.8/-0.6	0.8/-0.7	1.0/0.2	0.6/-4.4	0.6/-4.7	0.3/-5.0	1.0/-5.4	1.3/-5.6	1.6/-6.0	1.9/-6.3	2.0/--
DFW	0.16	-0.6/0.0	-0.8/-0.0	-0.7/0.7	-0.3/0.4	0.1/1.4	0.3/1.4	-0.7/1.8	0.3/-2.8	-0.1/-3.1	0.4/-3.4	1.0/-3.7	1.1/-4.0	1.2/-4.3	0.9/-4.6	0.4/--
DLH	2.68	0.7/0.0	1.0/1.3	1.3/0.5	2.0/0.0	1.8/1.0	2.4/1.4	2.8/2.0	2.9/-0.5	3.1/-0.9	3.1/-1.2	3.3/-1.6	3.6/-1.9	3.7/-2.3	4.0/-2.7	4.4/--
DSM	0.79	0.1/0.0	-0.1/-0.5	0.3/0.0	1.2/0.0	0.8/-0.3	0.9/-0.6	0.1/0.4	-0.0/-4.0	0.9/-4.4	0.8/-4.8	0.8/-5.2	1.2/-5.5	1.2/-5.9	2.0/-6.3	1.6/--
DTW	0.96	0.3/0.0	0.0/1.5	0.5/1.2	1.4/0.1	1.4/-0.4	0.9/0.5	1.2/0.7	0.9/-1.9	0.7/-2.3	1.3/-2.6	1.1/-3.0	1.2/-3.4	1.5/-3.7	0.8/-4.1	1.0/--
ELP	-0.15	-0.7/0.0	-0.8/-0.6	-0.9/-0.5	-0.8/-1.4	-0.5/-1.2	-0.6/-1.1	-0.1/-0.7	0.8/-6.2	1.2/-6.5	0.5/-6.8	0.3/-7.2	0.3/-7.5	-0.2/-7.8	-0.6/-8.1	-0.2/--
ERI	0.83	0.3/0.0	0.3/1.3	-0.1/1.1	0.4/0.7	-0.0/0.6	-0.2/0.7	1.4/1.3	0.8/-1.3	0.8/-1.7	1.4/-2.0	1.8/-2.4	1.5/-2.7	1.8/-3.1	1.2/-3.5	1.1/--
EUG	0.97	0.5/0.0	0.9/0.5	0.9/0.4	0.8/0.9	0.7/2.0	1.1/2.1	1.6/1.7	1.6/-0.2	1.6/-0.3	1.2/-0.5	0.9/-0.6	0.7/-0.8	1.0/-0.9	0.8/-1.0	0.4/--
EVV	0.41	-0.0/0.0	-0.2/1.2	-0.1/0.6	0.2/0.4	0.0/0.7	-0.2/0.9	0.5/1.0	0.4/-4.4	0.8/-4.7	1.0/-5.0	0.8/-5.4	1.1/-5.7	0.9/-6.1	0.7/-6.4	0.4/--
EWR	0.57	0.3/0.0	0.5/1.4	1.0/1.2	1.0/1.0	1.0/0.8	0.8/0.9	0.4/1.5	0.6/-2.2	1.1/-2.5	0.7/-2.9	0.6/-3.3	0.4/-3.6	0.2/-4.0	-0.0/-4.3	-0.1/--
FAR	2.35	0.4/0.0	0.4/3.5	0.6/1.5	1.1/2.0	1.1/1.6	1.9/4.5	1.8/4.1	2.0/1.9	2.4/1.5	2.4/1.1	3.3/0.7	3.9/0.3	4.2/-0.2	5.1/-0.6	4.6/--
FAT	-1.58	-0.5/0.0	-0.3/-0.3	-0.6/-0.5	-0.9/-0.5	-0.9/-1.5	-1.0/-1.0	-0.7/-2.0	-1.1/-8.0	-1.6/-8.2	-2.0/-8.5	-2.2/-8.7	-2.8/-8.9	-3.0/-9.1	-2.9/-9.4	-3.3/--
FLG	-0.87	0.1/0.0	-0.2/-0.4	-0.3/-1.3	-0.0/-0.8	-0.1/-1.4	-0.1/-1.2	-0.4/-3.0	-0.6/-7.2	-1.0/-7.4	-1.2/-7.6	-1.0/-7.9	-1.3/-8.1	-1.9/-8.3	-2.5/-8.5	-2.5/--
FMY	-0.55	-0.3/0.0	-0.5/-0.8	-0.6/-1.2	-0.6/-1.0	-0.7/-0.5	-0.6/-0.7	-0.5/-1.5	-0.1/-3.0	-0.2/-3.2	-0.2/-3.4	-0.4/-3.6	-0.7/-3.8	-0.8/-4.0	-1.0/-4.2	-1.1/--
FSD	1.40	0.5/0.0	0.8/2.0	0.7/1.9	1.4/1.0	0.9/0.5	0.8/1.4	0.6/1.7	0.3/-4.0	0.9/-4.5	1.3/-4.8	1.8/-5.2	2.2/-5.6	2.3/-6.0	3.3/-6.5	3.2/--
FWA	1.30	-0.0/0.0	-0.1/1.6	0.3/1.2	1.0/0.8	1.0/1.3	0.8/1.9	1.0/2.1	1.0/-1.5	0.6/-1.9	2.2/-2.3	2.3/-2.6	2.3/-3.0	2.8/-3.4	2.3/-3.7	2.1/--

GAD	-1.99	-0.8/0.0	-1.5/-1.2	-2.3/-0.5	-2.4/-0.9	-2.7/-0.8	-2.5/-1.3	-2.2/-0.5	-2.6/-5.5	-2.1/-5.8	-1.4/-6.1	-1.3/-6.4	-1.5/-6.7	-1.6/-7.0	-2.0/-7.3	-2.8/--
GEG	0.50	-0.4/0.0	-0.5/-0.4	-0.6/0.7	-0.5/1.2	-0.6/0.4	0.2/0.3	0.6/-0.2	0.5/-2.8	0.7/-3.1	1.4/-3.3	1.2/-3.5	1.1/-3.8	1.2/-4.1	1.4/-4.3	1.8/--
GTF	1.10	0.1/0.0	0.1/1.5	-0.0/3.0	0.7/2.4	0.6/2.9	1.0/2.4	1.1/2.4	1.1/-1.2	1.7/-1.5	1.9/-1.8	1.6/-2.1	1.8/-2.4	1.5/-2.6	1.6/-2.9	1.7/--
HOU	0.46	0.4/0.0	0.7/-1.1	0.9/-0.8	1.1/-1.1	1.4/-1.3	1.5/-0.3	1.7/-0.2	1.7/-4.2	1.8/-4.5	1.0/-4.7	-0.2/-5.0	-0.6/-5.2	-0.9/-5.5	-1.6/-5.7	-2.2/--
HSV	-0.03	0.3/0.0	0.2/-0.4	-0.2/-1.0	-0.4/-0.7	-0.2/-0.8	-0.2/-1.0	0.0/-1.2	0.0/-6.1	0.6/-6.5	1.0/-6.8	0.6/-7.1	0.1/-7.4	-0.2/-7.7	-0.6/-8.0	-1.7/--
IAH	0.41	0.0/0.0	0.2/-0.3	0.4/0.0	0.3/-0.4	0.7/-0.1	0.7/0.1	0.9/0.5	1.3/-4.4	1.5/-4.7	0.8/-5.0	0.7/-5.3	0.5/-5.5	-0.2/-5.8	-0.5/-6.1	-1.4/--
ICT	0.71	0.5/0.0	-0.1/-0.5	0.3/1.4	0.5/1.5	0.5/1.0	1.2/0.6	1.1/1.9	1.2/-3.3	1.2/-3.7	0.3/-4.0	0.3/-4.4	0.7/-4.7	0.8/-5.0	1.2/-5.4	0.6/--
ILG	0.66	0.7/0.0	1.0/-0.2	1.2/-0.5	1.0/0.5	1.1/0.5	0.8/0.2	0.7/0.7	0.9/-3.8	1.2/-4.1	1.3/-4.5	0.6/-4.8	0.2/-5.2	-0.0/-5.5	-0.3/-5.9	-0.5/--
IND	0.69	-0.2/0.0	0.3/0.2	0.2/0.4	0.7/-0.1	0.6/0.3	0.6/0.5	0.9/0.5	0.7/-4.5	0.8/-4.8	1.5/-5.2	0.8/-5.5	1.1/-5.9	1.1/-6.3	1.0/-6.6	0.4/--
IPT	1.24	0.2/0.0	0.5/0.3	0.3/-0.6	0.6/0.5	0.5/-0.5	0.6/0.3	0.8/0.2	1.5/-3.6	1.7/-3.9	2.0/-4.2	2.3/-4.5	2.4/-4.9	2.1/-5.2	1.7/-5.5	1.5/--
JAN	-0.30	-0.3/0.0	-0.3/-0.5	-0.3/-0.4	-0.5/-1.0	-0.3/-1.5	-0.2/-1.5	0.1/-1.1	0.1/-5.7	0.5/-6.0	0.1/-6.3	0.1/-6.6	-0.1/-7.0	-0.9/-7.3	-1.0/-7.6	-1.6/--
JAX	-0.97	-0.5/0.0	-0.3/0.3	-0.5/-0.6	-0.7/-0.2	-0.7/-0.1	-0.8/0.1	-0.4/-0.2	-0.3/-4.9	-0.5/-5.2	-1.1/-5.4	-1.4/-5.7	-1.3/-6.0	-1.6/-6.3	-2.0/-6.5	-2.4/--
JFK	0.85	-0.0/0.0	0.2/0.4	0.6/0.5	0.7/0.9	0.7/0.5	0.7/0.8	0.9/0.3	1.0/-4.4	1.3/-4.7	1.5/-5.0	1.2/-5.3	1.2/-5.6	1.1/-5.9	0.8/-6.2	0.7/--
LAN	1.25	0.6/0.0	0.4/0.8	0.7/0.5	1.5/-0.3	1.2/-0.2	0.9/-0.5	1.1/0.7	0.9/-3.5	0.7/-3.8	1.7/-4.2	1.7/-4.5	1.9/-4.9	2.3/-5.2	1.5/-5.5	1.6/--
LAS	-2.14	-0.3/0.0	-0.3/0.5	-0.3/0.5	-0.7/0.3	-0.5/-1.0	-0.7/-2.4	-1.0/-2.9	-1.6/-11.5	-2.4/-11.8	-3.0/-12.1	-3.2/-12.4	-3.9/-12.7	-4.4/-13.0	-4.8/-13.3	-5.0/--
LAX	-0.10	-0.1/0.0	-0.2/-0.1	-0.2/-0.3	-0.2/-0.4	-0.0/-0.6	0.3/-1.0	0.4/-0.3	0.1/-2.5	-0.2/-2.6	-0.3/-2.7	-0.2/-2.8	-0.2/-3.0	-0.1/-3.1	-0.1/-3.2	-0.2/--
LEX	0.42	0.0/0.0	-0.0/-0.2	-0.1/0.2	-0.2/0.2	0.1/0.4	-0.0/0.8	0.7/1.1	0.6/-3.9	1.1/-4.2	1.2/-4.5	1.2/-4.8	0.9/-5.2	0.7/-5.5	0.4/-5.8	-0.2/--
LFK	-0.04	-0.3/0.0	-0.4/-1.0	-0.5/-0.6	-0.3/-1.1	-0.2/-0.7	-0.1/-1.1	0.0/0.5	0.6/-4.9	0.8/-5.2	0.5/-5.5	0.6/-5.8	0.3/-6.1	-0.2/-6.4	-0.4/-6.7	-1.0/--
LGA	-0.06	0.3/0.0	0.5/1.6	0.8/1.1	1.0/1.3	0.7/0.2	0.4/0.5	0.2/0.5	0.4/-3.1	0.6/-3.4	-0.1/-3.7	-0.6/-4.1	-0.8/-4.4	-1.0/-4.7	-1.4/-5.0	-1.6/--
LGB	1.62	0.8/0.0	1.2/-0.7	1.2/-0.7	1.1/-0.7	1.1/-0.7	1.6/-1.0	2.0/-0.9	2.0/-2.8	1.8/-2.9	2.2/-3.1	2.0/-3.3	1.7/-3.4	1.9/-3.5	2.0/-3.7	1.8/--
LIT	0.57	-0.5/0.0	-0.4/0.1	-0.8/0.1	-0.3/0.1	-0.8/0.3	-0.4/0.3	0.4/0.9	0.9/-3.8	1.4/-4.2	1.6/-4.5	1.7/-4.8	1.8/-5.1	1.4/-5.4	1.4/-5.7	1.0/--
LNS	0.11	0.2/0.0	0.2/0.7	0.1/-0.1	-0.0/0.8	0.1/0.5	-0.3/0.5	-0.0/0.9	0.3/-9.0	0.7/-9.4	0.6/-9.7	0.5/-10.0	0.2/-10.4	-0.1/-10.7	-0.3/-11.1	-0.6/--
MAF	1.24	0.5/0.0	0.3/0.9	0.5/1.6	0.7/2.0	0.3/1.4	1.0/1.3	1.0/1.7	1.7/-3.8	1.6/-4.2	1.7/-4.5	1.9/-4.9	2.4/-5.2	2.2/-5.5	1.4/-5.9	1.6/--
MBA	1.44	0.5/0.0	1.1/0.4	1.4/-0.2	1.4/0.4	1.3/-0.4	1.0/-0.3	0.7/0.2	1.3/-3.4	1.6/-3.7	1.6/-4.1	2.4/-4.4	2.2/-4.7	2.1/-5.1	1.5/-5.4	1.3/--
MCI	0.60	0.4/0.0	0.1/-0.2	0.5/0.2	0.7/0.8	0.2/0.6	0.6/0.1	0.4/0.5	0.4/-3.3	0.8/-3.6	0.1/-3.9	0.3/-4.3	0.8/-4.6	1.1/-5.0	1.8/-5.3	0.9/--
MCN	-0.53	0.0/0.0	0.2/0.5	-0.3/-0.4	-0.4/-0.8	-1.0/-0.7	-0.8/-0.5	-0.4/-1.1	-0.7/-6.3	-0.8/-6.6	-0.4/-7.0	-0.6/-7.3	-0.5/-7.6	-0.5/-7.9	-0.8/-8.3	-1.1/--
MCO	-0.14	-0.0/0.0	0.1/0.9	0.1/0.7	0.1/0.9	0.1/0.9	0.0/1.1	0.2/0.5	0.6/-3.1	0.4/-3.4	0.0/-3.5	-0.1/-3.7	-0.3/-3.9	-0.8/-4.2	-1.0/-4.4	-1.5/--
MDT	0.47	0.3/0.0	0.4/0.4	0.5/-0.3	0.3/0.4	0.3/0.5	0.3/0.4	0.5/0.7	0.7/-3.8	1.0/-4.2	1.0/-4.5	0.8/-4.8	0.6/-5.1	0.4/-5.5	0.0/-5.8	-0.1/--
MEM	-0.40	-0.3/0.0	-0.4/-0.1	-0.5/-0.3	-1.0/-0.4	-1.1/-0.0	-1.1/-1.0	-0.7/-0.2	-0.3/-4.8	0.2/-5.1	0.5/-5.4	0.4/-5.7	0.1/-6.0	-0.4/-6.3	-0.4/-6.6	-1.1/--
MHT	0.56	0.1/0.0	0.6/-1.0	0.9/0.6	0.9/-0.4	0.6/-1.0	0.3/-1.1	-0.2/-0.8	0.5/-11.1	0.8/-11.5	0.6/-11.9	1.2/-12.2	1.0/-12.6	0.9/-13.0	0.4/-13.3	0.0/--
MIA	0.62	0.4/0.0	0.4/0.3	0.5/0.2	0.6/0.0	0.7/-0.2	0.7/0.1	0.8/-0.2	1.0/-2.5	1.1/-2.7	1.0/-2.8	0.5/-3.0	0.6/-3.2	0.6/-3.3	0.3/-3.5	0.2/--
MKE	0.96	0.2/0.0	0.2/-1.2	0.4/-1.3	0.8/-2.0	0.8/-2.5	1.1/-1.6	0.9/-0.7	0.7/-4.1	0.5/-4.4	1.8/-4.8	0.9/-5.1	1.5/-5.4	1.6/-5.8	1.5/-6.1	1.7/--
MOB	-0.12	-0.1/0.0	-0.0/-0.9	-0.1/-0.5	-0.2/-0.8	-0.2/-1.2	0.0/-1.3	0.2/-1.3	0.5/-5.9	0.4/-6.2	0.3/-6.5	0.2/-6.8	-0.1/-7.0	-0.7/-7.3	-0.9/-7.6	-1.1/--
MSP	0.47	0.2/0.0	0.4/0.1	0.5/-0.0	1.3/-0.5	0.5/-0.7	0.8/-0.6	0.3/0.2	-0.1/-4.1	0.2/-4.5	-0.2/-4.9	-0.3/-5.3	0.5/-5.7	0.3/-6.1	1.4/-6.5	1.0/--
MSY	-0.04	-0.9/0.0	-1.1/-1.0	-0.8/-1.2	-0.8/-1.7	-0.7/-0.6	-0.3/-1.0	0.2/-1.8	0.6/-6.0	1.0/-6.3	1.0/-6.5	0.8/-6.8	0.5/-7.1	0.3/-7.4	0.0/-7.6	-0.6/--
MWL	1.55	0.4/0.0	0.3/1.5	0.4/1.6	1.0/1.3	1.3/1.5	1.3/1.9	0.9/2.6	1.8/-0.2	2.3/-0.5	2.5/-0.7	2.4/-1.1	2.5/-1.4	2.6/-1.6	2.0/-1.9	1.7/--
NKX	-0.15	-0.1/0.0	0.5/0.6	0.6/-0.6	0.3/0.3	0.3/0.1	0.6/-1.1	0.7/-0.3	0.4/0.0	0.0/0.0	-0.6/0.0	-0.5/0.0	-1.2/0.0	-1.3/0.0	-0.8/0.0	-1.1/--
NTU	-1.20	-0.6/0.0	-1.0/0.5	-1.4/0.5	-1.6/0.3	-1.2/-0.2	-1.8/-0.9	-1.6/-0.9	-1.1/-6.0	-0.7/-6.4	-0.4/-6.6	-0.8/-6.9	-1.2/-7.3	-1.3/-7.5	-1.3/-7.8	-1.8/--
OAK	3.72	1.3/0.0	1.8/0.6	2.1/0.7	2.6/1.2	3.0/0.5	3.5/0.7	4.1/0.0	4.1/1.0	4.1/0.9	3.6/0.8	5.1/0.7	4.9/0.6	4.9/0.5	5.4/0.5	5.4/--
OKC	1.34	0.2/0.0	-0.3/0.7	-0.3/2.2	0.3/2.3	0.6/2.5	1.3/1.4	1.3/3.1	1.6/-0.9	1.7/-1.2	1.9/-1.5	2.2/-1.8	2.6/-2.2	2.5/-2.5	2.5/-2.8	2.0/--
OMA	-0.34	0.3/0.0	-0.3/-0.1	0.2/0.9	0.2/0.8	-0.2/0.1	-0.4/0.6	-0.8/0.8	-0.6/-4.1	-0.1/-4.5	-0.9/-4.8	-1.1/-5.2	-0.6/-5.5	-0.5/-5.9	0.3/-6.3	-0.5/--
ORD	-0.45	-0.1/0.0	-0.1/-0.7	-0.2/-0.7	0.0/-0.2	-0.7/-0.6	-0.3/-0.5	-0.8/0.5	-1.0/-4.0	-1.4/-4.4	-1.0/-4.7	-0.5/-5.0	-0.2/-5.4	-0.3/-5.7	-0.2/-6.0	-0.1/--
ORH	1.61	0.2/0.0	0.4/0.8	1.0/1.5	1.2/0.4	1.2/-0.1	0.7/-0.4	1.2/0.3	1.1/-3.8	1.7/-4.2	2.1/-4.5	3.1/-4.9	2.8/-5.3	2.7/-5.6	2.3/-6.0	2.3/--
PDT	2.08	0.8/0.0	1.0/0.8	0.9/1.1	0.8/1.2	1.0/1.4	1.7/0.8	2.2/0.3	2.3/-0.9	2.3/-1.2	3.6/-1.4	3.1/-1.5	2.7/-1.8	2.8/-2.0	2.9/-2.2	3.1/--
PDX	-0.51	-2.8/0.0	-0.1/-0.9	-0.2/-0.2	-0.3/0.1	-0.4/0.6	0.0/0.5	0.3/0.4	-0.1/-2.9	-0.2/-3.1	-0.3/-3.3	-0.6/-3.5	-0.8/-3.7	-0.6/-3.9	-0.7/-4.1	-0.8/--
PHL	0.38	0.1/0.0	0.4/0.1	0.6/-0.3	0.5/0.0	0.7/0.1	0.6/-0.2	0.4/0.2	0.6/-3.5	0.9/-3.8	0.8/-4.2	0.6/-4.5	0.2/-4.9	-0.0/-5.2	-0.2/-5.6	-0.4/--
PHX	-1.30	0.0/0.0	0.1/0.3	0.1/-0.3	-0.5/-0.7	-0.6/-0.5	-0.6/-0.5	-0.4/-1.1	-0.6/-9.8	-1.0/-10.1	-1.9/-10.4	-2.1/-10.7	-2.7/-11.0	-2.9/-11.3	-2.9/-11.5	-3.4/--
PIR	2.44	0.2/0.0	0.3/3.5	0.6/2.4	0.9/3.2	1.3/2.6	1.6/2.7	1.5/4.0	1.5/1.0	2.4/0.6	3.1/0.2	3.7/-0.2	4.1/-0.5	4.9/-0.9	5.4/-1.3	5.2/--
PIT	1.01	0.3/0.0	0.2/-0.5	0.4/-0.1	1.0/0.1	1.0/0.8	0.9/1.1	1.5/1.4	1.2/-3.2	1.3/-3.5	1.8/-3.9	1.6/-4.2	1.2/-4.5	1.4/-4.9	0.8/-5.2	0.6/--
PVD	0.48	-0.3/0.0	0.1/1.0	0.3/1.0	0.4/0.7	0.3/0.5	0.2/0.3	0.1/-0.0	0.6/-3.0	1.1/-3.4	0.9/-3.7	1.3/-4.0	0.9/-4.3	0.9/-4.6	0.3/-5.0	0.0/--
PWM	1.03	-0.2/0.0	0.2/0.4	0.7/-0.3	0.4/-0.6	0.4/-0.4	0.3/-0.4	0.3/-0.5	0.9/-3.2	1.3/-3.5	1.8/-3.8	2.3/-4.1	2.0/-4.4	2.0/-4.7	1.7/-5.0	1.4/--
RAL	2.54	1.5/0.0	1.6/3.6	1.9/3.5	2.0/2.6	2.2/2.7	2.6/2.4	3.1/1.7	3.0/0.7	2.9/0.5	3.6/0.3	3.3/0.2	2.8/0.0	2.6/-0.2	2.6/-0.3	2.4/--
RAP	2.32	0.2/0.0	0.5/4.4	0.8/4.8	1.3/4.9	1.4/4.1	1.7/4.0	1.8/3.8	2.4/0.7	2.8/0.4	2.8/0.1	2.7/-0.3	2.6/-0.6	3.0/-1.0	5.3/-1.3	5.5/--
RBL	-0.99	-0.2/0.0	-0.1/-2.7	0.1/-1.8	0.1/-2.5	-0.2/-1.3	-0.1/-1.5	-0.2/-2.6	-0.5/-5.7	-1.0/-6.0	-1.6/-6.2	-1.4/-6.5	-1.9/-6.7	-2.4/-7.0	-2.7/-7.2	-3.0/--
RDD	-1.79	-0.1/0.0	-0.3/-1.8	-0.5/-1.5	-0.7/-0.9	-0.8/-0.2	-0.4/-0.5	-1.0/-1.6	-1.3/-7.8	-1.8/-8.1	-2.5/-8.3	-2.4/-8.5	-3.1/-8.8	-3.6/-9.0	-3.8/-9.3	-4.4/--
RDU	0.05	-0.2/0.0	-0.4/-1.1	-0.4/-2.3	-0.3/-1.3	-0.4/-1.0	-1.4/-1.5	-0.8/-1.7	-0.0/-7.7	0.0/-8.0	1.0/-8.3	1.0/-8.6	0.8/-8.9	1.0/-9.2	0.8/-9.5	-0.1/--
RIC	0.07	-0.2/0.0	-0.1/-0.1	-0.2/-0.9	0.1/0.3	0.7/0.5	0.1/0.2	0.4/-0.1	0.5/-5.2	0.8/-5.5	0.6/-5.8	0.3/-6.1	-0.1/-6.4	-0.3/-6.7	-0.5/-7.1	-1.1/--
RNO	0.38	0.6/0.0	0.8/0.2	1.0/0.5	0.8/0.2	0.6/-2.0	0.8/-1.7	0.5/-2.6	0.6/-12.2	0.6/-12.4	0.4/-12.7	0.1/-12.9	-0.1/-13.2	-0.2/-13.4	-0.2/-13.6	-0.6/--

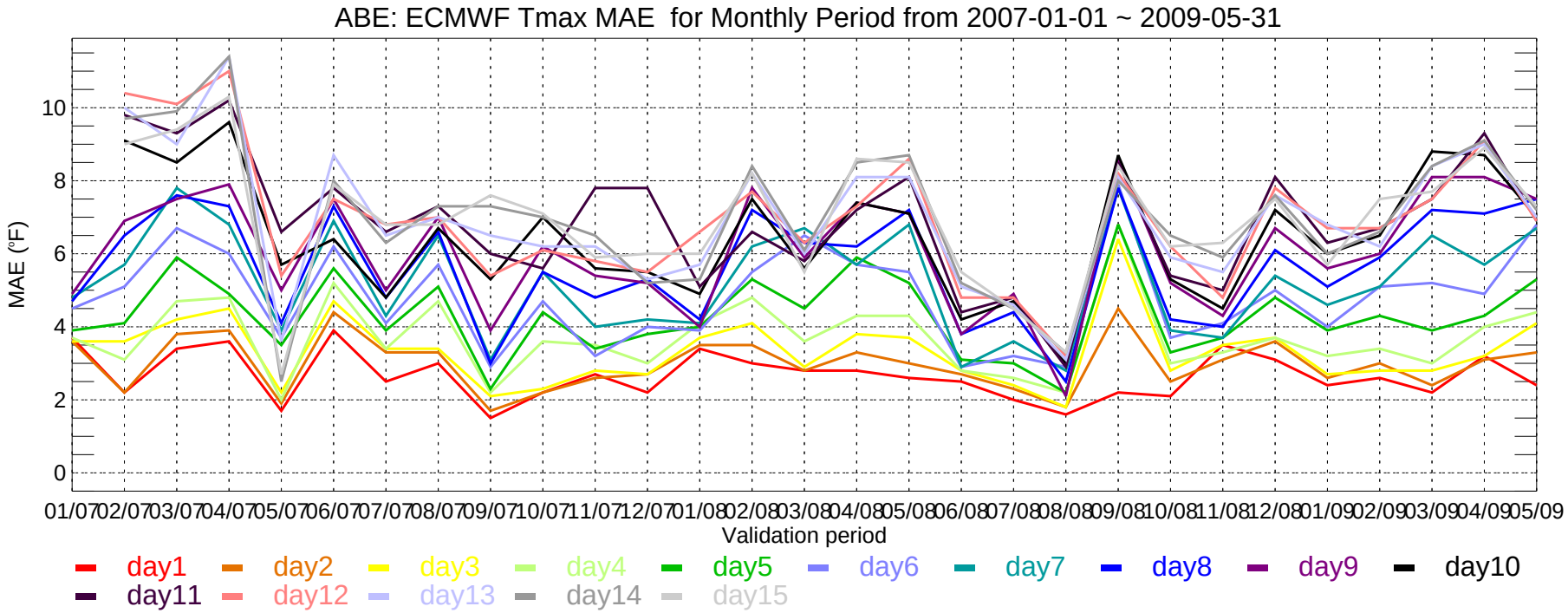
ROA	1.74	0.4/0.0	0.2/0.3	0.5/-0.2	1.1/0.3	1.5/0.4	1.1/1.3	1.8/1.1	2.0/-5.1	2.5/-5.4	2.8/-5.6	2.9/-5.9	2.5/-6.2	2.6/-6.5	2.2/-6.7	1.7/--
ROC	0.24	-0.5/0.0	-0.4/1.4	-0.4/1.3	0.0/0.5	-0.0/0.4	-0.5/0.4	-0.0/0.9	-0.5/-1.5	-0.3/-1.8	-0.1/-2.2	1.3/-2.5	1.4/-2.9	1.5/-3.3	1.0/-3.6	1.1/--
SAC	0.30	0.5/0.0	0.7/0.5	1.8/0.5	0.9/0.3	0.5/0.5	0.7/0.8	0.8/-0.7	0.5/-3.9	0.3/-4.1	-0.3/-4.3	0.3/-4.4	-0.2/-4.6	-0.5/-4.7	-0.6/-4.9	-0.9/--
SAN	1.83	1.1/0.0	1.4/0.6	1.5/1.2	1.5/0.3	1.8/0.0	2.2/-0.1	2.2/0.1	2.1/-1.2	2.1/-1.3	2.0/-1.5	2.1/-1.5	1.8/-1.6	1.7/-1.7	2.1/-1.8	1.9/--
SAT	0.39	0.0/0.0	0.2/-0.2	0.2/-0.0	0.4/-0.5	0.8/-0.3	0.8/-0.3	0.7/0.3	1.2/-4.8	1.1/-5.1	0.8/-5.4	0.5/-5.7	0.3/-6.0	-0.1/-6.3	-0.2/-6.5	-0.9/--
SAV	-0.34	-0.3/0.0	-0.1/-0.8	-0.2/-1.3	-0.2/-1.2	-0.7/-0.5	-0.9/-0.9	-0.1/-1.4	-0.1/-5.9	-0.3/-6.2	0.2/-6.5	-0.4/-6.8	-0.2/-7.1	-0.1/-7.4	-0.4/-7.7	-1.0/--
SDF	0.76	0.1/0.0	0.2/0.9	0.4/0.9	0.5/0.0	0.6/1.4	0.3/1.6	1.1/1.6	0.8/-3.9	1.4/-4.2	1.4/-4.5	1.1/-4.9	1.1/-5.2	1.1/-5.5	0.8/-5.9	0.4/--
SEA	1.12	0.6/0.0	0.8/-0.2	0.4/0.5	0.5/0.5	0.2/1.0	0.8/1.0	1.4/1.2	1.3/-0.8	1.1/-1.0	1.5/-1.1	1.9/-1.3	1.4/-1.5	1.8/-1.6	1.7/-1.8	1.5/--
SFO	0.81	0.3/0.0	0.3/0.7	0.4/1.1	0.4/1.3	0.4/0.6	0.6/0.5	0.9/0.1	1.2/-1.6	1.3/-1.7	1.0/-1.8	1.3/-1.9	1.1/-2.0	1.1/-2.1	0.9/-2.2	0.9/--
SJC	0.86	0.4/0.0	0.5/0.1	0.6/0.6	0.6/0.1	0.7/-0.7	0.8/-0.9	1.3/-1.0	1.4/-3.0	1.3/-3.2	0.7/-3.3	1.3/-3.4	0.8/-3.5	0.7/-3.6	0.9/-3.7	0.7/--
SJT	1.43	0.2/0.0	-0.2/2.1	-0.1/1.8	0.5/1.3	0.9/2.0	0.9/1.6	0.8/2.3	1.8/-3.0	2.0/-3.4	2.4/-3.7	2.6/-4.0	2.7/-4.3	2.9/-4.6	2.1/-5.0	2.0/--
SLC	0.99	0.1/0.0	0.3/2.0	0.6/2.3	0.5/2.8	0.7/2.8	0.6/1.2	0.6/1.6	0.9/-4.4	1.1/-4.7	0.9/-5.0	1.8/-5.3	1.7/-5.5	1.5/-5.8	1.8/-6.1	1.8/--
SSI	1.13	0.8/0.0	1.1/0.1	1.3/0.5	1.4/-0.4	1.6/0.2	1.8/0.5	2.1/-0.5	2.2/-4.2	2.1/-4.5	1.6/-4.8	0.7/-5.1	0.4/-5.3	0.4/-5.6	0.0/-5.9	-0.5/--
STL	0.22	0.1/0.0	-0.3/0.2	0.0/0.5	0.6/0.4	0.5/0.3	0.4/0.4	0.4/1.1	0.1/-3.3	-0.0/-3.6	-0.4/-4.0	0.0/-4.3	0.4/-4.6	0.5/-5.0	0.5/-5.3	0.4/--
SYR	0.67	-0.1/0.0	-0.1/1.2	0.1/1.1	0.4/1.3	0.3/0.7	-0.1/1.1	0.6/1.4	0.2/-2.3	0.7/-2.6	1.2/-3.0	1.3/-3.4	1.6/-3.7	1.6/-4.1	1.3/-4.4	1.2/--
TLH	-1.48	-0.4/0.0	-0.6/-0.3	-1.1/0.0	-1.3/-0.7	-1.6/-1.0	-1.6/-1.2	-1.3/-0.9	-1.2/-5.2	-1.3/-5.5	-1.6/-5.9	-1.7/-6.2	-1.8/-6.5	-1.9/-6.9	-2.3/-7.2	-2.4/--
TPA	0.77	-0.0/0.0	0.1/0.3	0.1/0.5	0.2/-0.0	0.4/0.0	0.6/-0.3	1.0/0.5	1.4/-2.8	1.7/-3.0	1.5/-3.3	1.3/-3.5	1.2/-3.7	0.9/-4.0	0.7/-4.2	0.5/--
TRM	1.56	3.3/0.0	3.7/-0.4	3.3/-0.9	2.9/-0.5	2.4/-0.8	2.3/-2.2	2.6/-1.9	2.0/-5.8	1.6/-6.1	1.3/-6.3	0.5/-6.6	0.1/-6.8	-0.5/-7.1	-0.8/-7.3	-1.1/--
TUL	0.72	-0.0/0.0	-0.4/-0.5	-0.0/0.6	0.2/1.0	0.2/0.3	0.7/1.8	0.4/2.2	1.2/-1.2	0.8/-1.5	1.0/-1.9	1.3/-2.2	1.6/-2.5	1.3/-2.8	1.4/-3.1	1.0/--
TUS	0.11	0.0/0.0	-0.0/0.6	-0.5/0.6	-0.4/0.5	-0.3/-0.5	-0.1/0.1	0.3/-0.2	0.4/-8.8	0.7/-9.1	0.4/-9.4	0.8/-9.7	0.1/-10.0	0.2/-10.3	0.3/-10.5	-0.1/--
TYR	0.46	-0.3/0.0	-0.4/-0.5	-0.5/0.9	-0.2/0.6	0.1/2.4	0.3/1.5	0.3/2.0	1.1/-2.7	1.3/-3.0	1.1/-3.3	1.5/-3.5	1.2/-3.8	1.0/-4.1	0.6/-4.4	0.0/--
TYS	0.17	-0.2/0.0	-0.4/-0.2	-1.0/0.4	-1.0/0.5	-0.6/1.1	-0.4/0.6	0.1/1.1	0.4/-4.1	0.7/-4.4	1.4/-4.7	1.3/-5.0	1.0/-5.3	1.0/-5.6	0.6/-5.9	-0.4/--
VCT	0.61	-0.2/0.0	-0.2/-0.4	-0.3/0.1	0.1/-0.2	0.7/-0.3	0.7/0.3	1.1/0.3	1.4/-1.9	1.6/-2.2	1.5/-2.5	1.2/-2.7	1.0/-3.0	0.5/-3.3	0.5/-3.5	-0.2/--
WJF	-2.18	1.0/0.0	1.1/0.1	1.1/-0.5	0.1/-2.4	-0.5/-1.7	-0.5/-1.5	-0.5/-2.8	-1.4/-8.3	-1.9/-8.6	-4.1/-8.9	-4.3/-9.2	-5.1/-9.5	-5.8/-9.7	-5.9/-10.0	-6.1/--
YKM	0.68	0.4/0.0	0.3/0.3	-0.1/0.4	-0.4/0.7	-0.0/2.4	0.4/2.0	0.9/1.3	0.8/-3.3	1.1/-3.5	1.6/-3.8	1.6/-4.0	0.8/-4.2	1.0/-4.5	1.0/-4.7	0.9/--
YNG	1.89	0.7/0.0	1.4/0.5	1.6/0.5	1.6/0.7	2.2/0.6	1.7/0.7	2.4/2.0	2.2/-2.7	2.0/-3.0	2.5/-3.3	2.3/-3.6	2.1/-3.9	2.4/-4.2	1.7/-4.5	1.5/--
YQB	3.50	1.3/0.0	1.9/0.0	2.6/0.0	3.5/0.0	3.7/0.0	3.6/0.0	3.8/0.0	4.3/-2.0	4.5/-2.4	4.2/-2.7	4.6/-3.1	4.3/-3.5	3.9/-3.8	3.4/-4.2	2.9/--
YUL	2.08	0.3/0.0	0.7/0.0	1.6/0.0	2.7/0.0	3.2/0.0	2.4/0.0	3.3/0.0	3.0/-3.0	3.2/-3.4	3.0/-3.8	2.4/-4.2	2.1/-4.6	1.9/-5.0	0.9/-5.4	0.7/--
YVR	0.34	0.2/0.0	0.1/0.0	0.2/0.0	-0.3/0.0	-0.4/0.0	0.4/0.0	0.7/0.0	0.5/-1.4	0.3/-1.6	0.1/-1.8	0.6/-2.0	0.5/-2.2	0.8/-2.4	0.7/-2.5	0.5/--
YXD	0.95	0.0/0.0	-0.1/0.0	-0.2/0.0	0.1/0.0	0.0/0.0	0.2/0.0	0.3/0.0	0.4/4.4	0.5/4.1	1.0/3.8	1.8/3.5	2.0/3.2	2.6/2.9	3.0/2.5	2.6/--
YYC	0.00	-0.8/0.0	-0.7/0.0	-0.2/0.0	0.1/0.0	0.1/0.0	0.3/0.0	0.8/0.0	0.3/-2.0	-0.2/-2.3	0.3/-2.6	0.1/-2.9	-0.1/-3.2	-0.1/-3.5	-0.0/-3.8	0.0/--
YYZ	2.17	0.6/0.0	0.9/0.0	1.4/0.0	1.8/0.0	1.9/0.0	2.1/0.0	2.5/0.0	2.6/-3.3	2.6/-3.6	2.7/-4.0	3.3/-4.3	3.0/-4.7	3.0/-5.0	2.1/-5.3	2.1/--

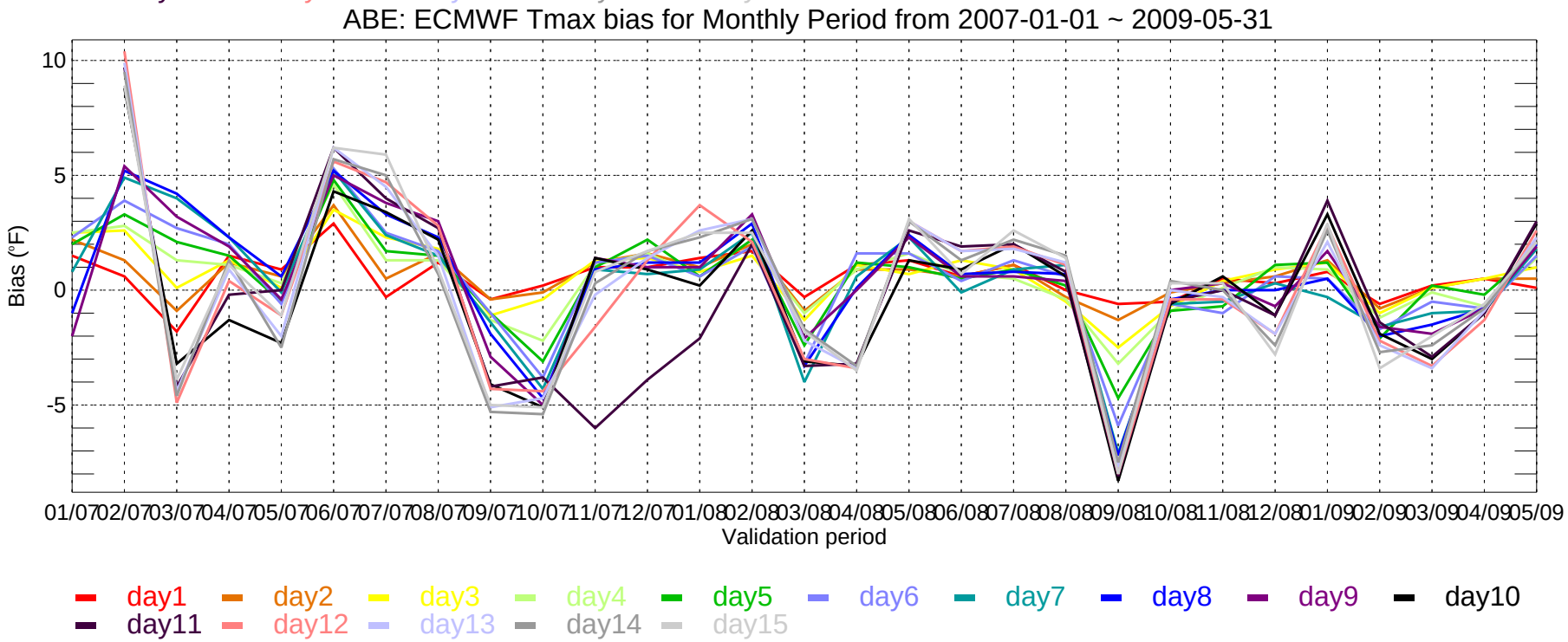
red: S < -0.3 orange: -0.3 < S < -0.1 grey: -0.1 < S < 0.1 green: 0.1 < S < 0.3 blue: S > 0.3

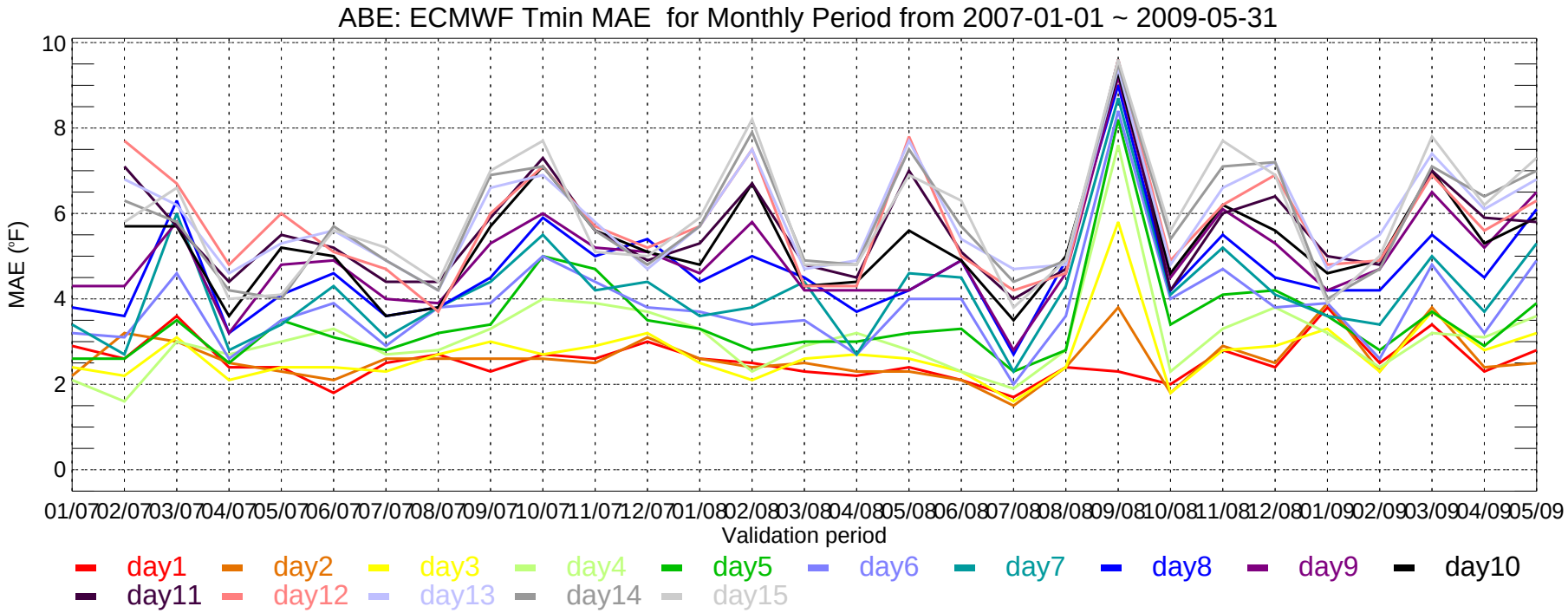
S_score: average of (1 - ECMWF-value / MEX-value)

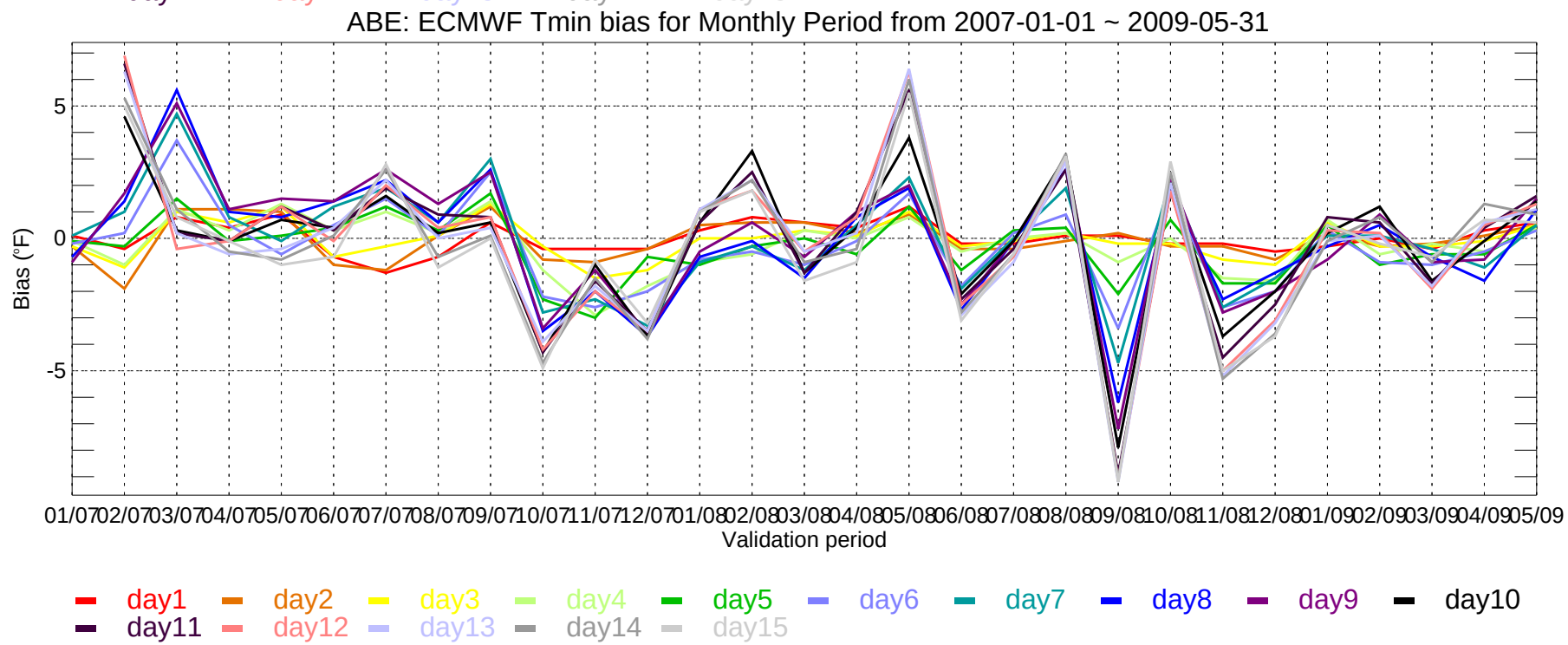
red: B >= 4.0 orange: 4.0 > B >= 2.0 black: 2.0 > B >= -2.0 green: -2.0 > B >= -4.0 blue: B < -4.0

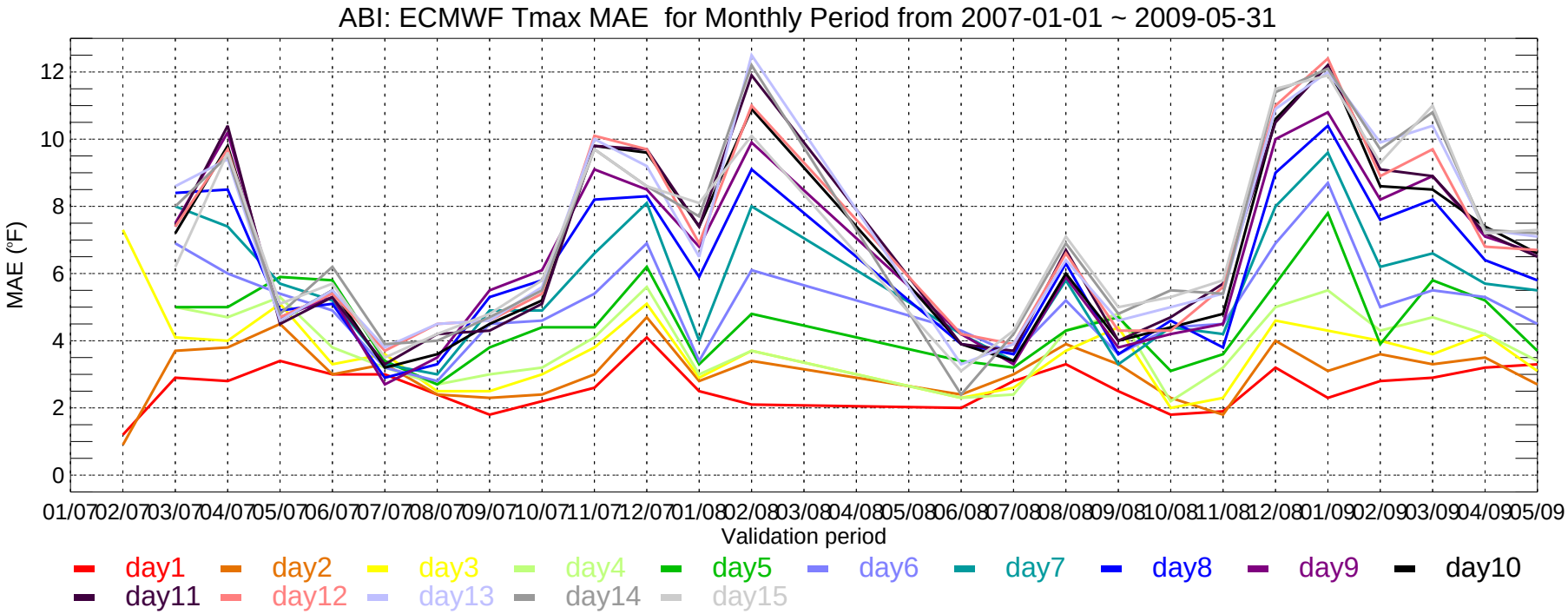
avg_bias: average of ECMWF-value

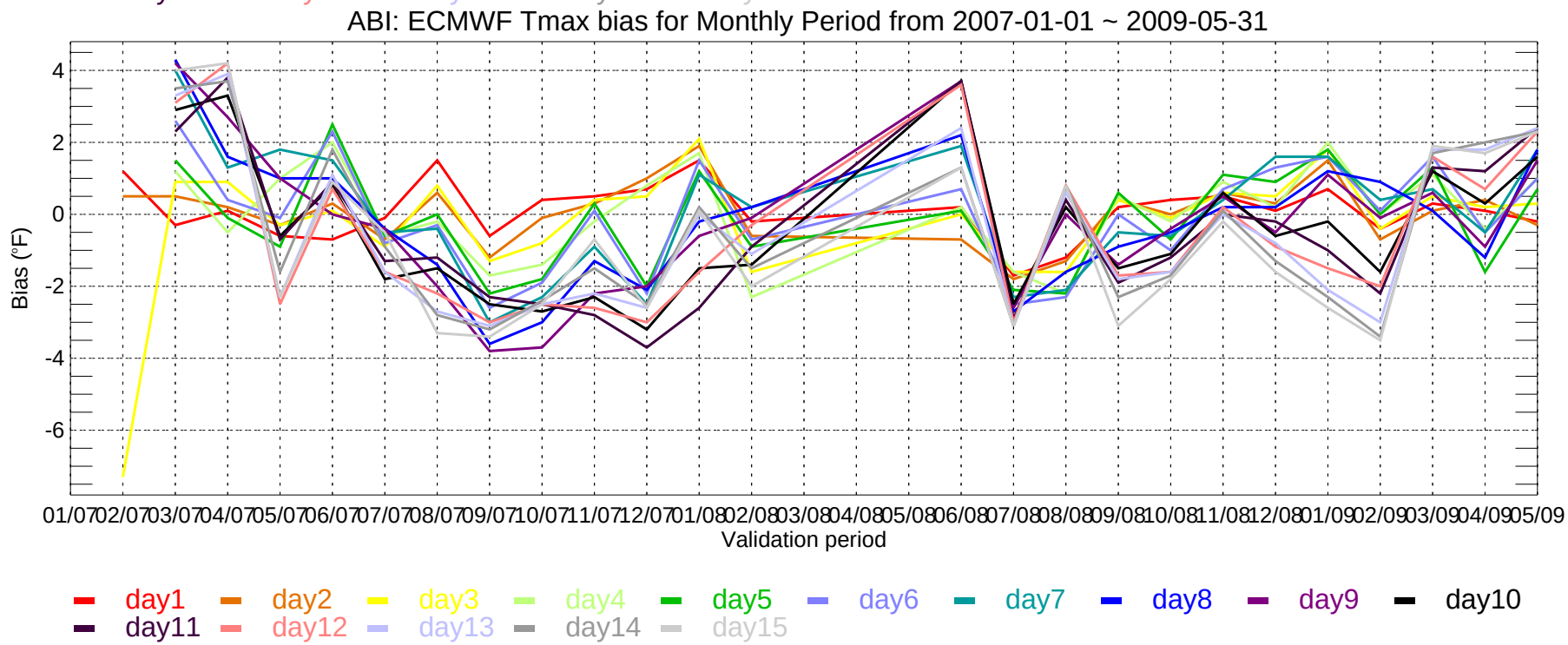

ABE: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

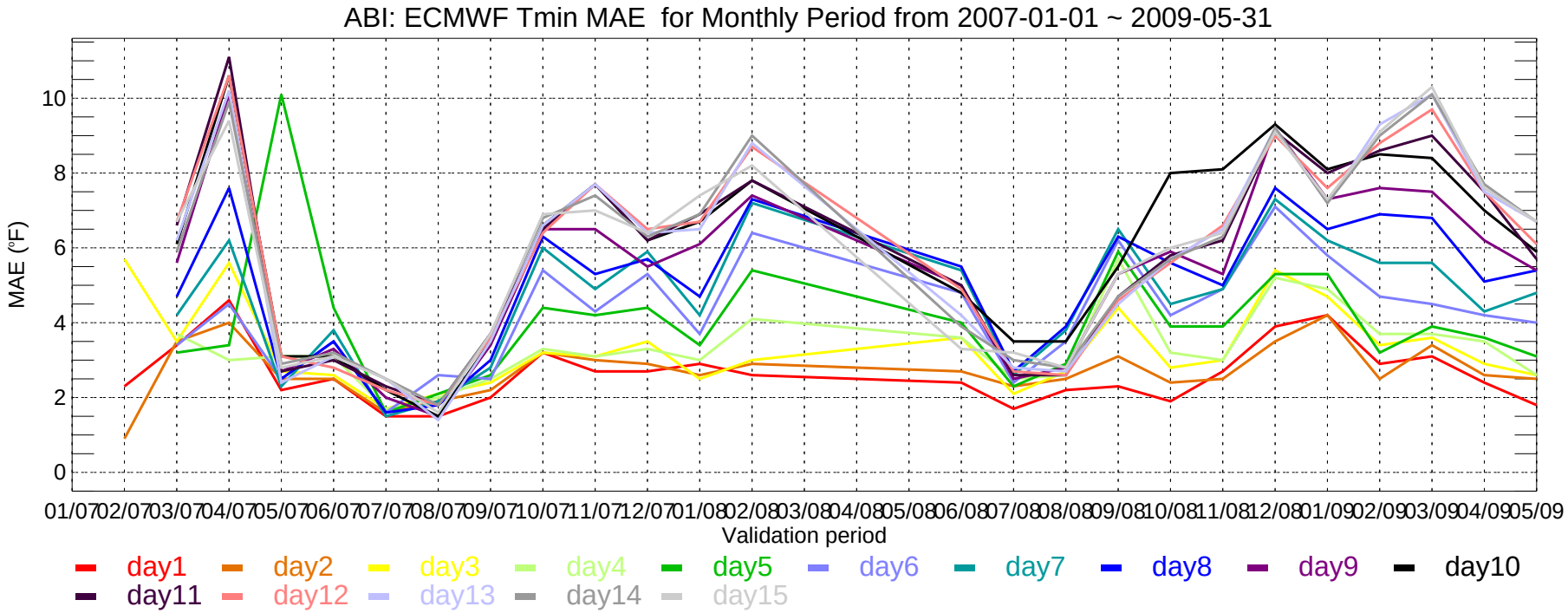

ABE: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABE: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABE: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABI: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABI: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABI: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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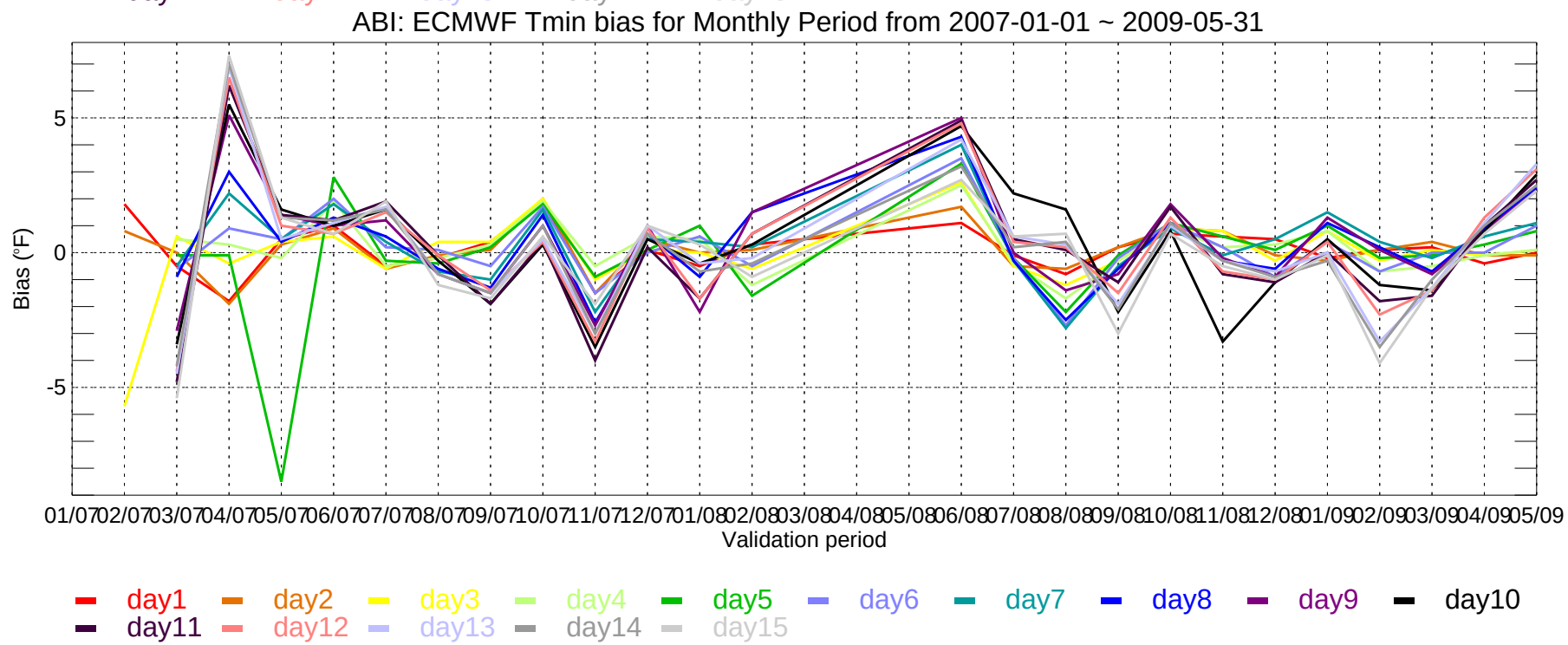
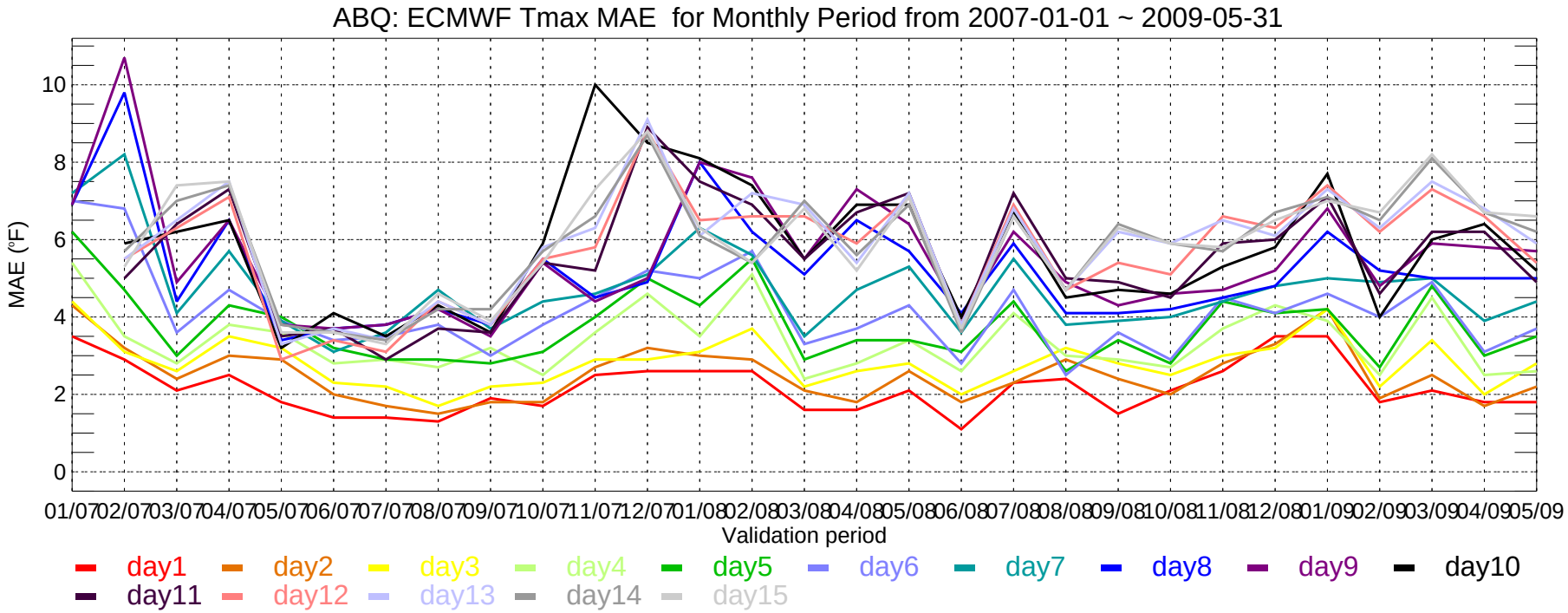
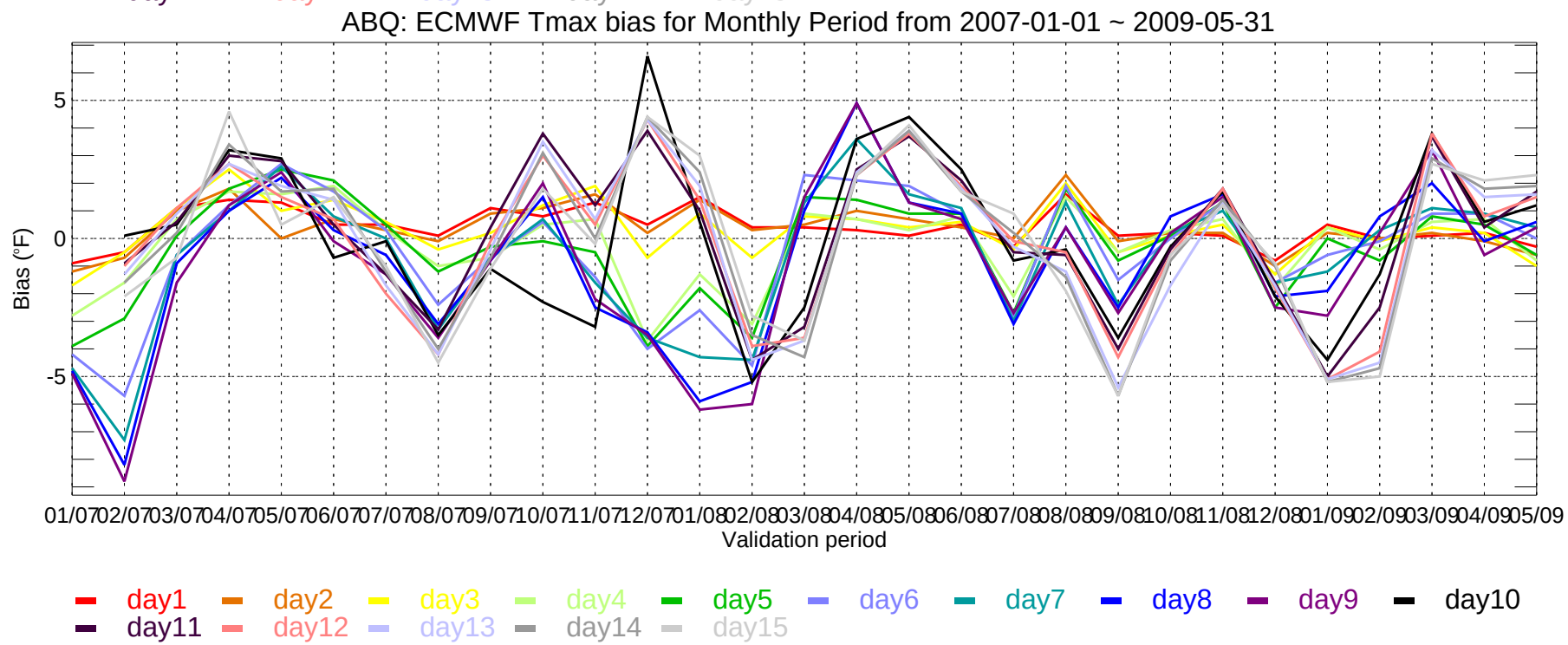
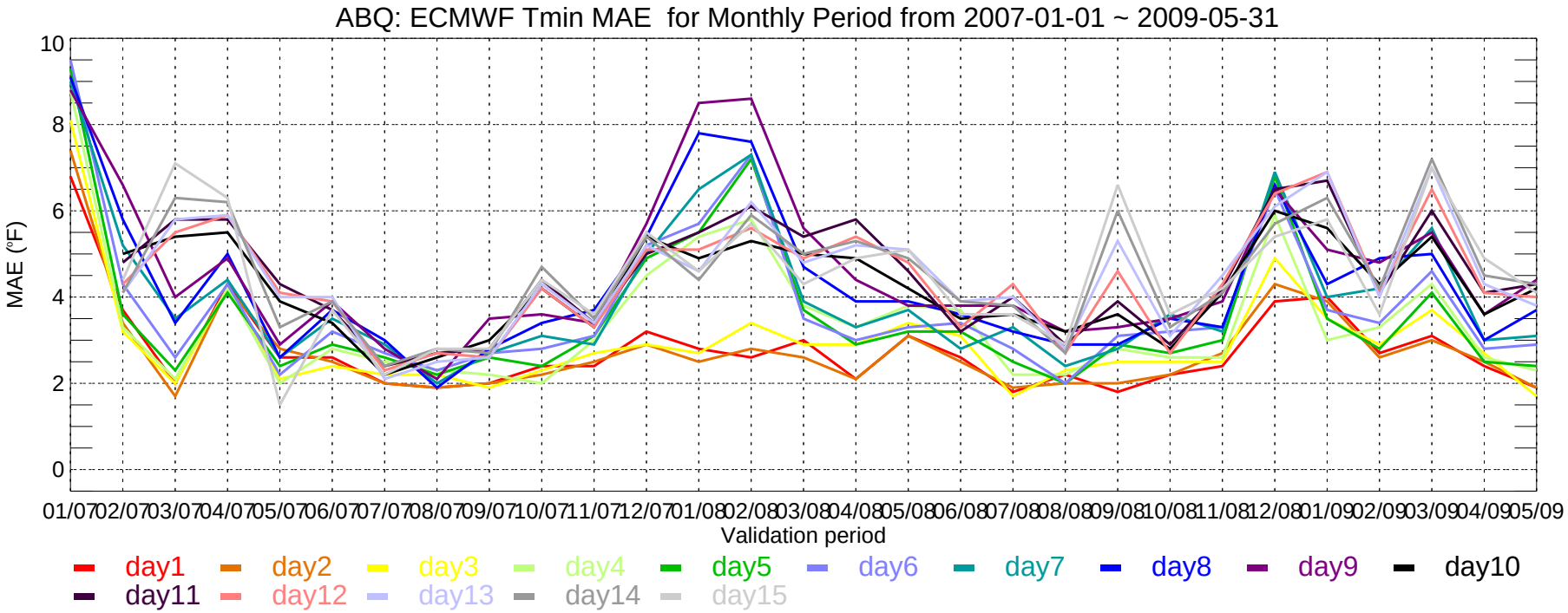
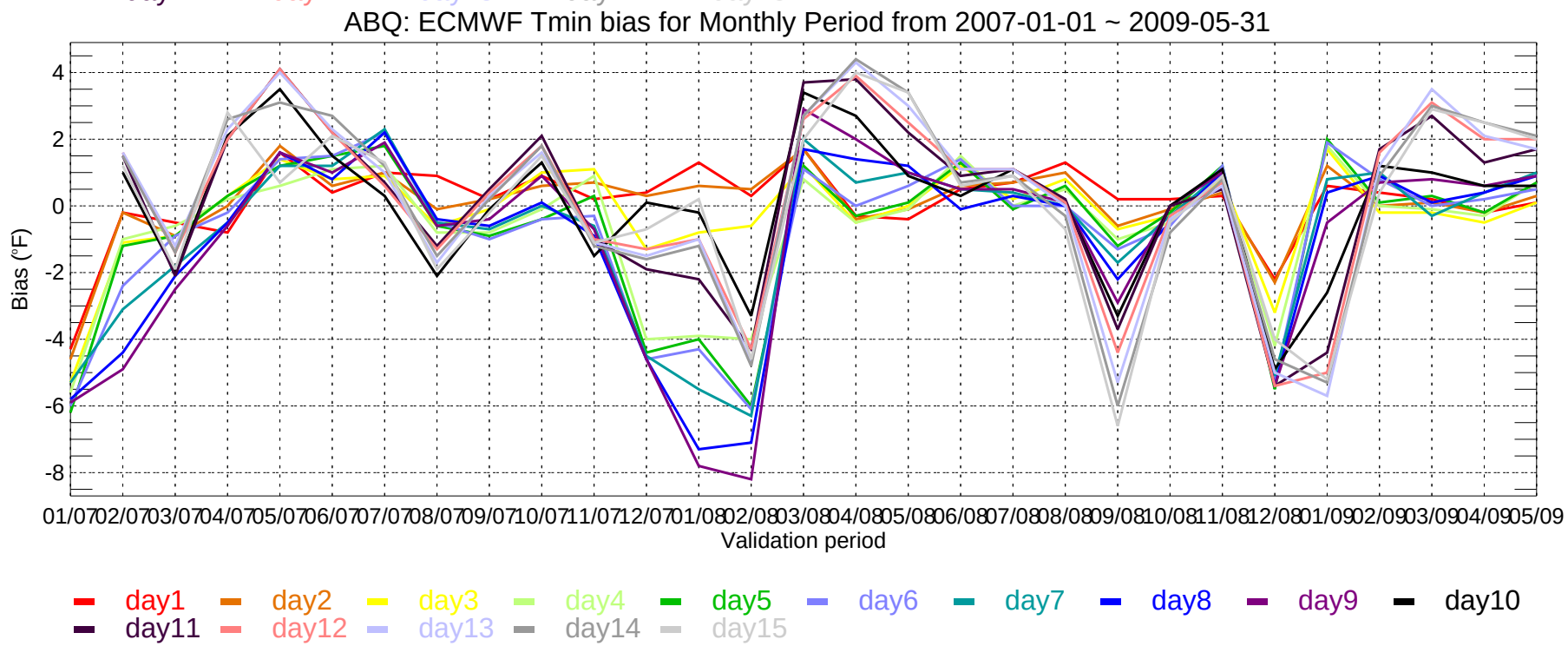
day11 day12 day13 day14 day15

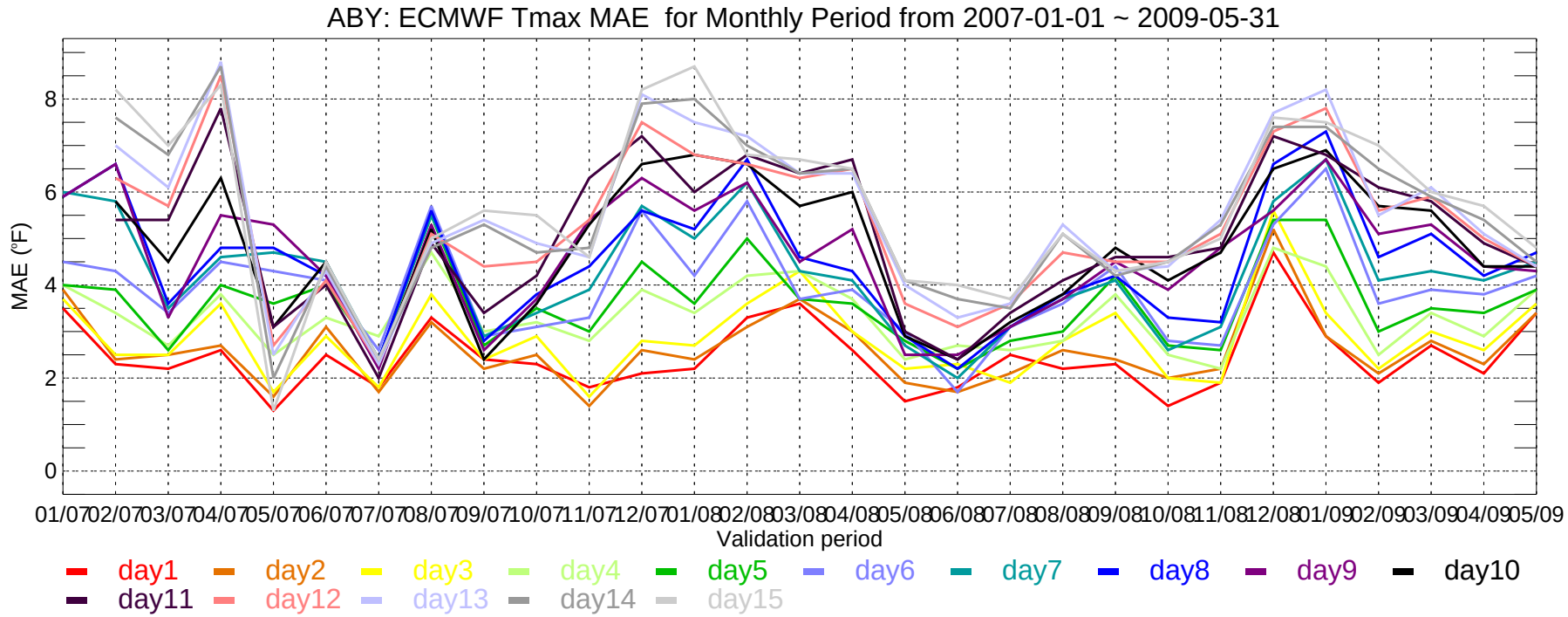

ABI: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

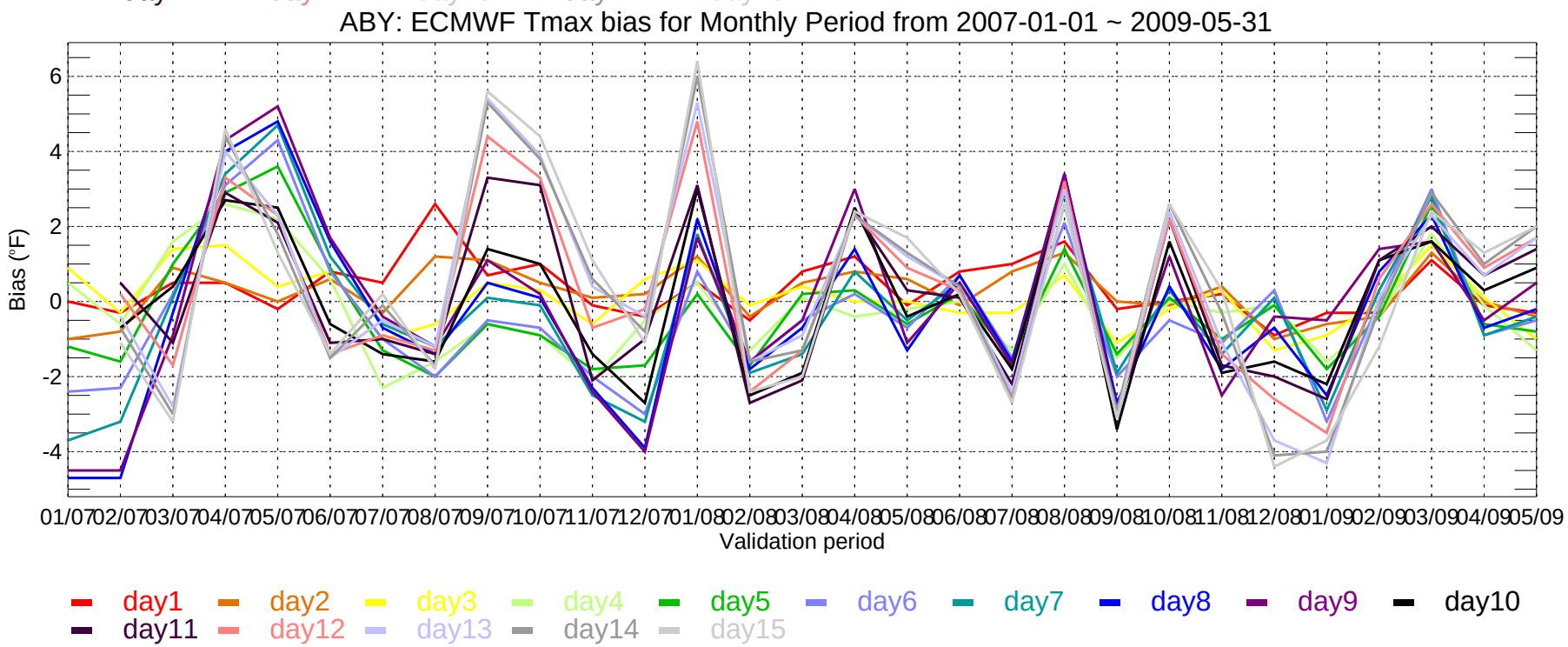

ABQ: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

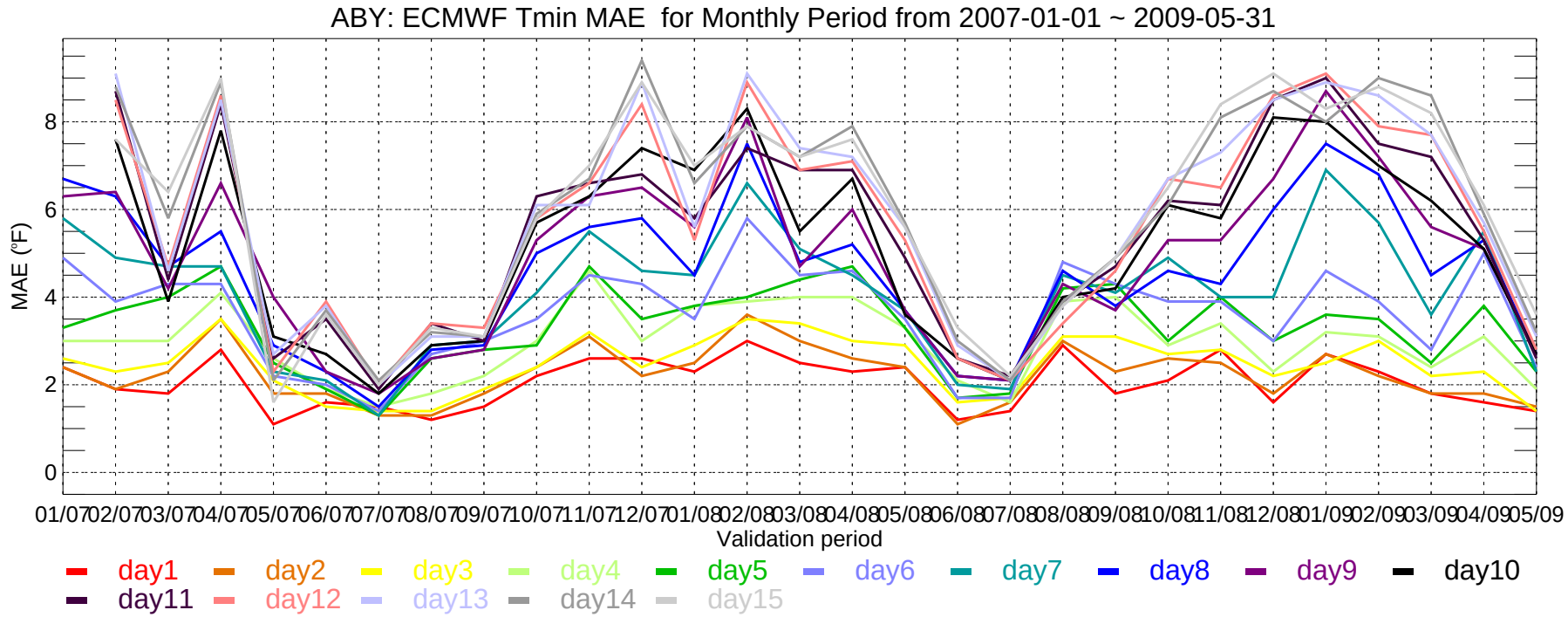

ABQ: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

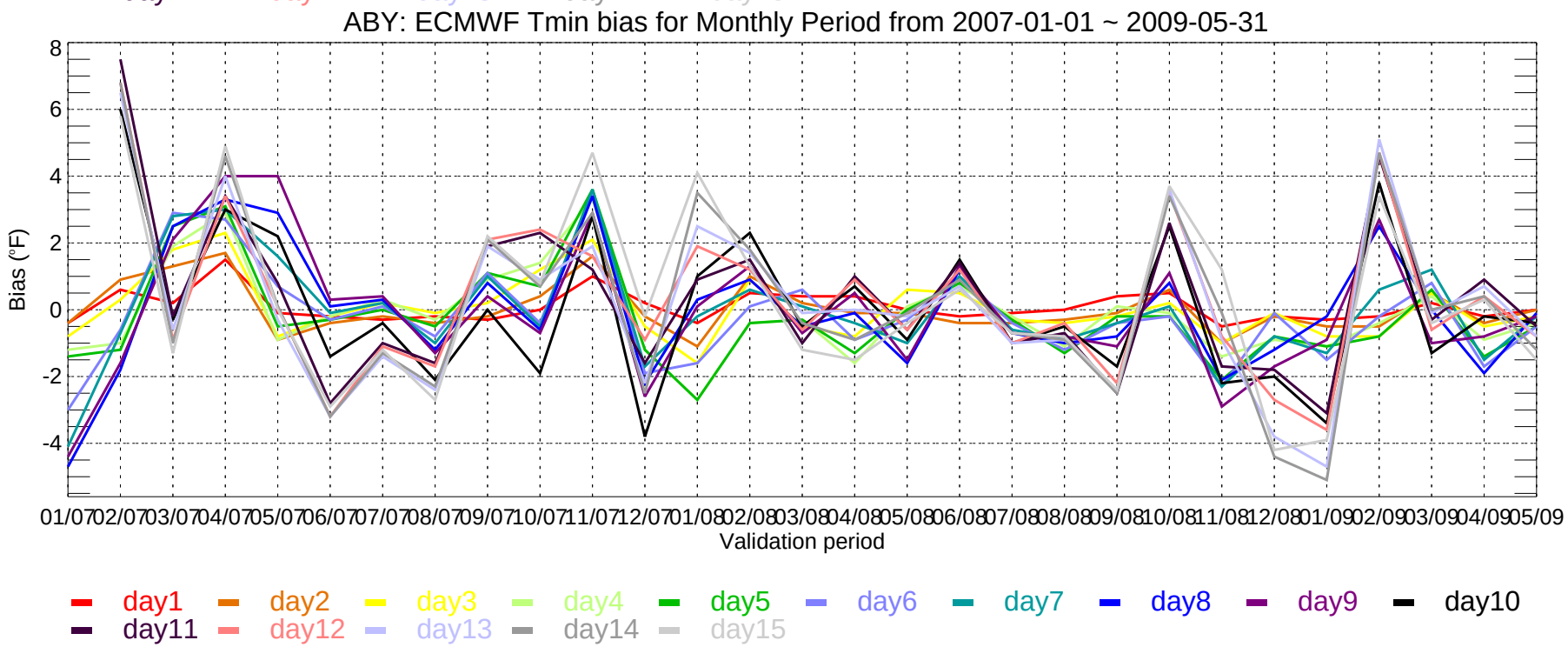

ABQ: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

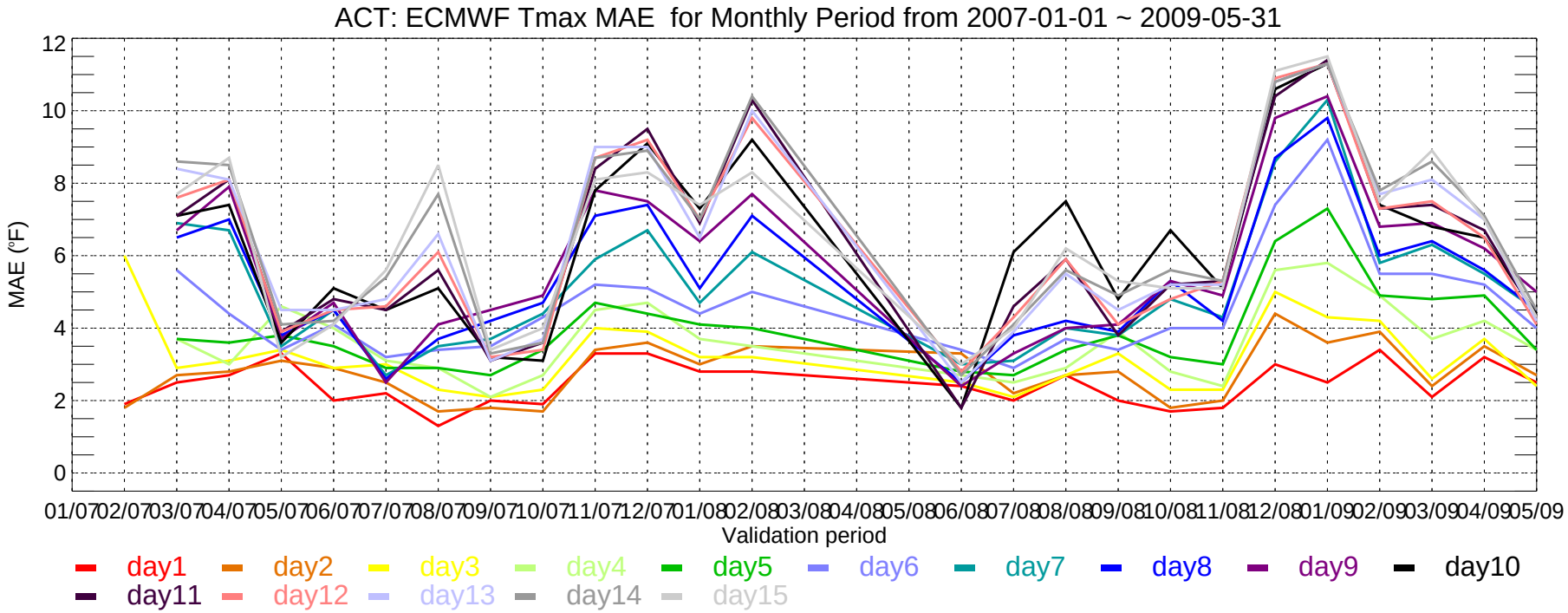

ABQ: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

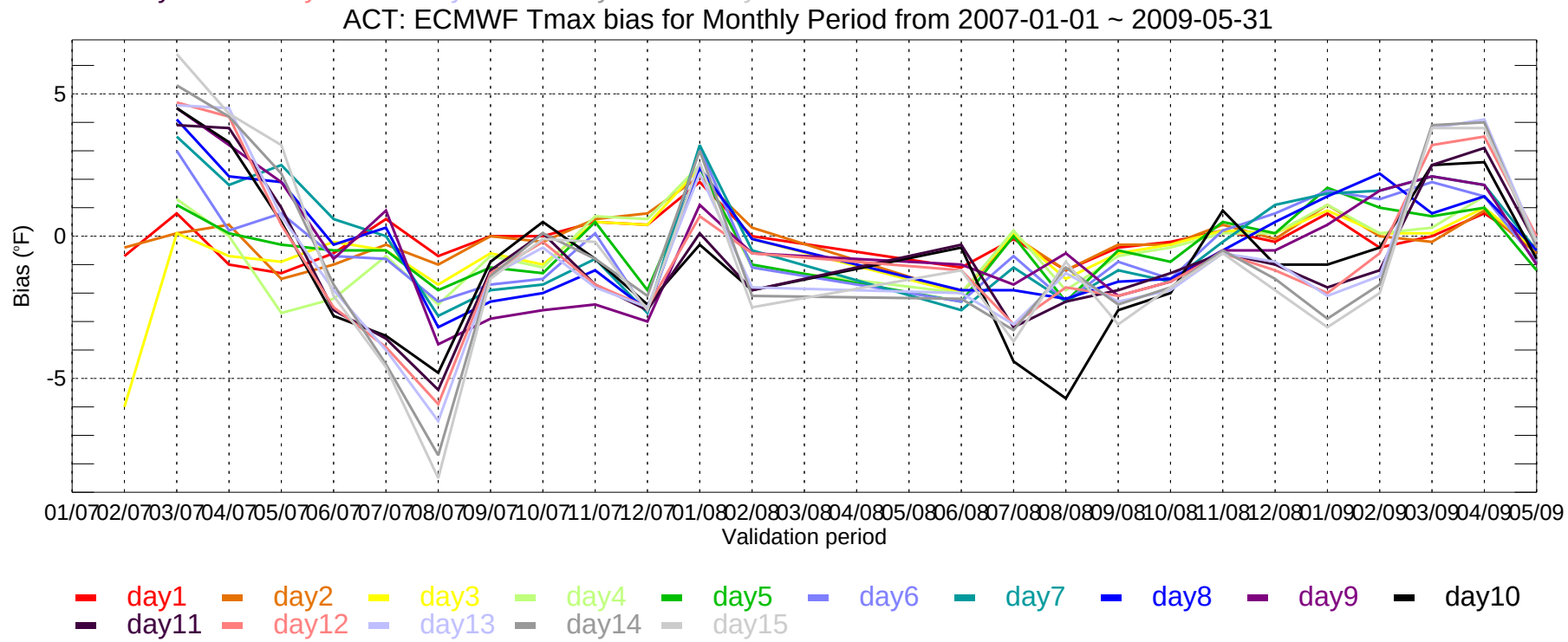

ABY: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

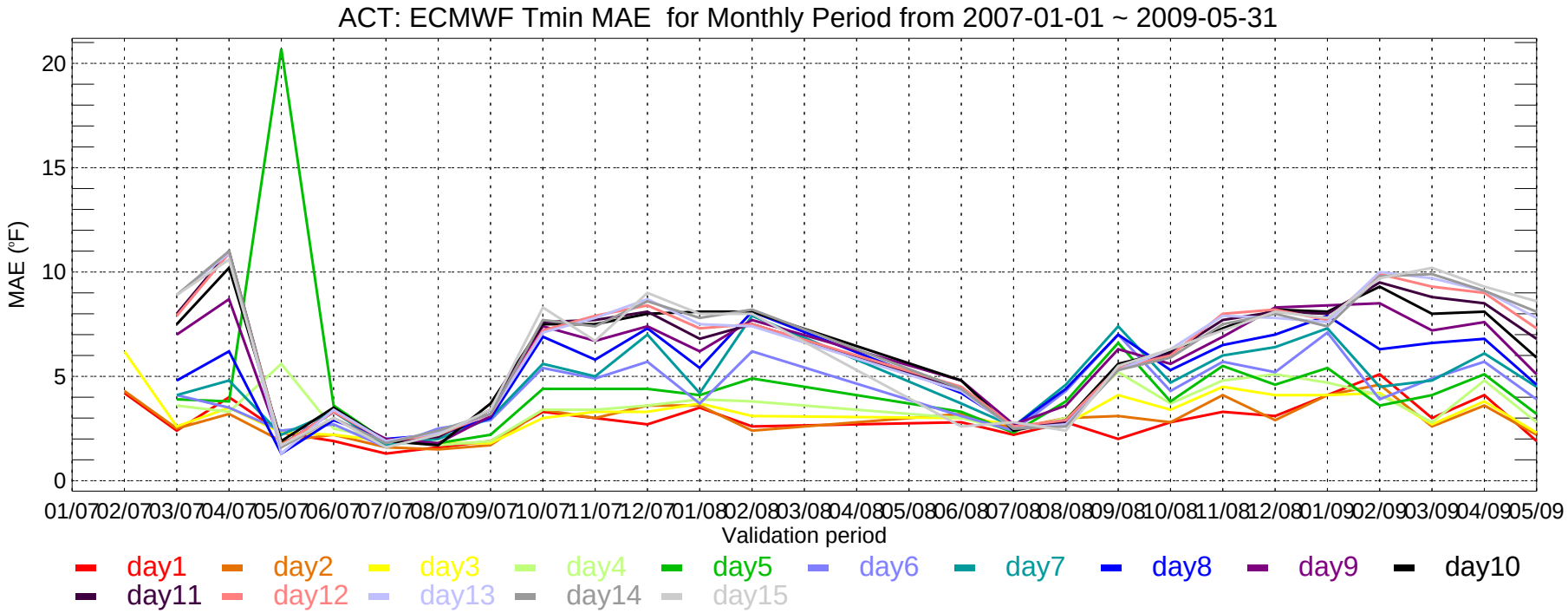

ABY: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

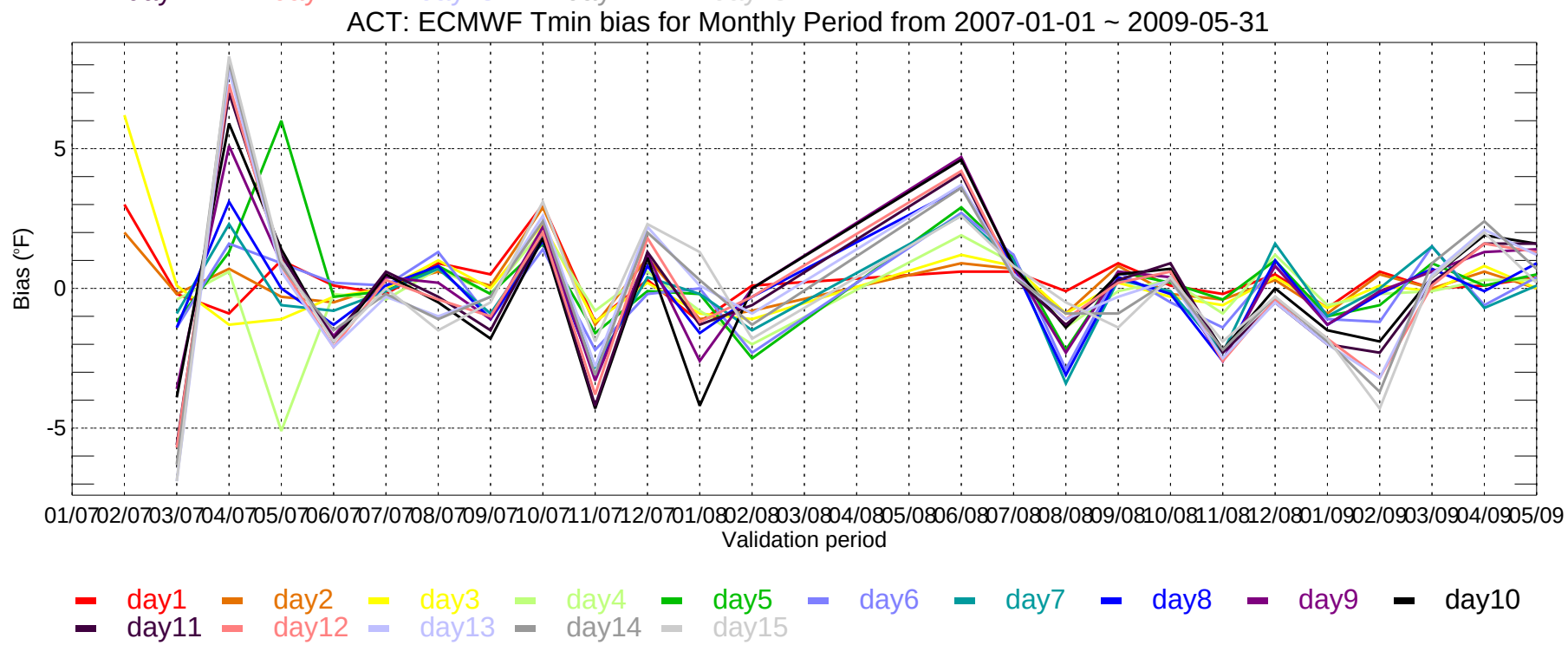

ABY: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

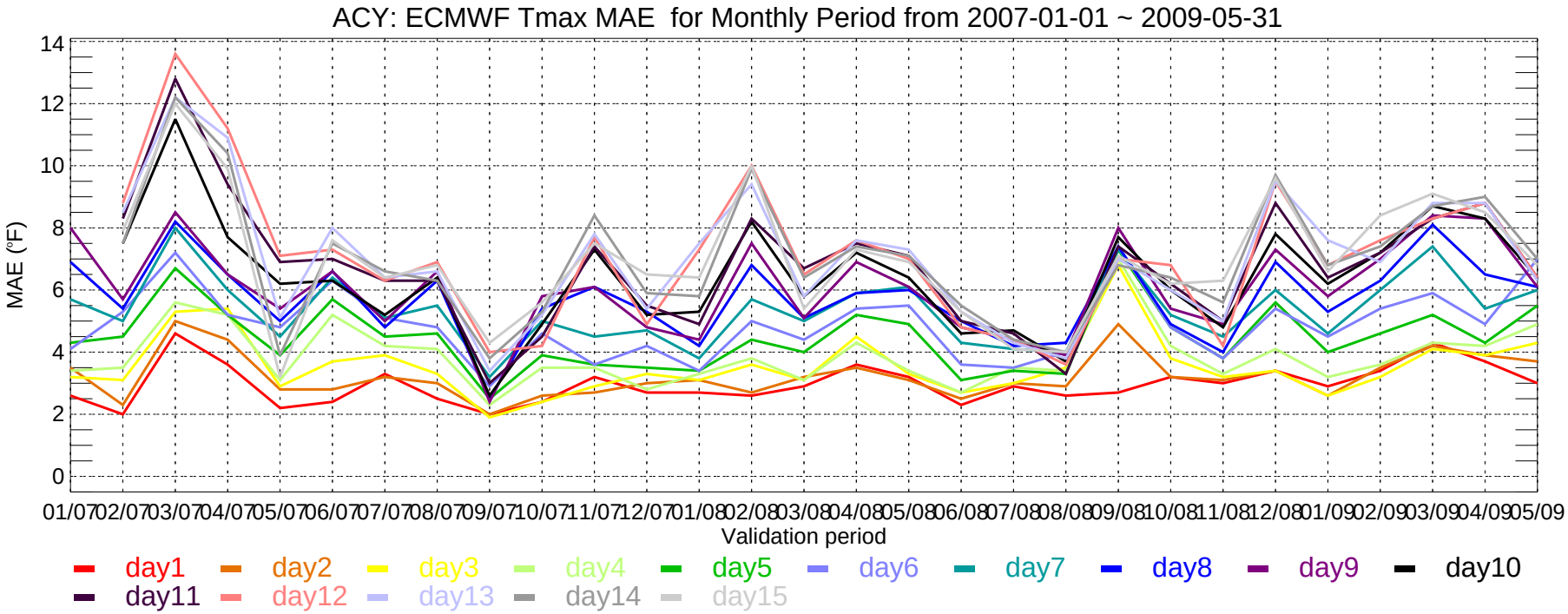

ABY: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
8
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

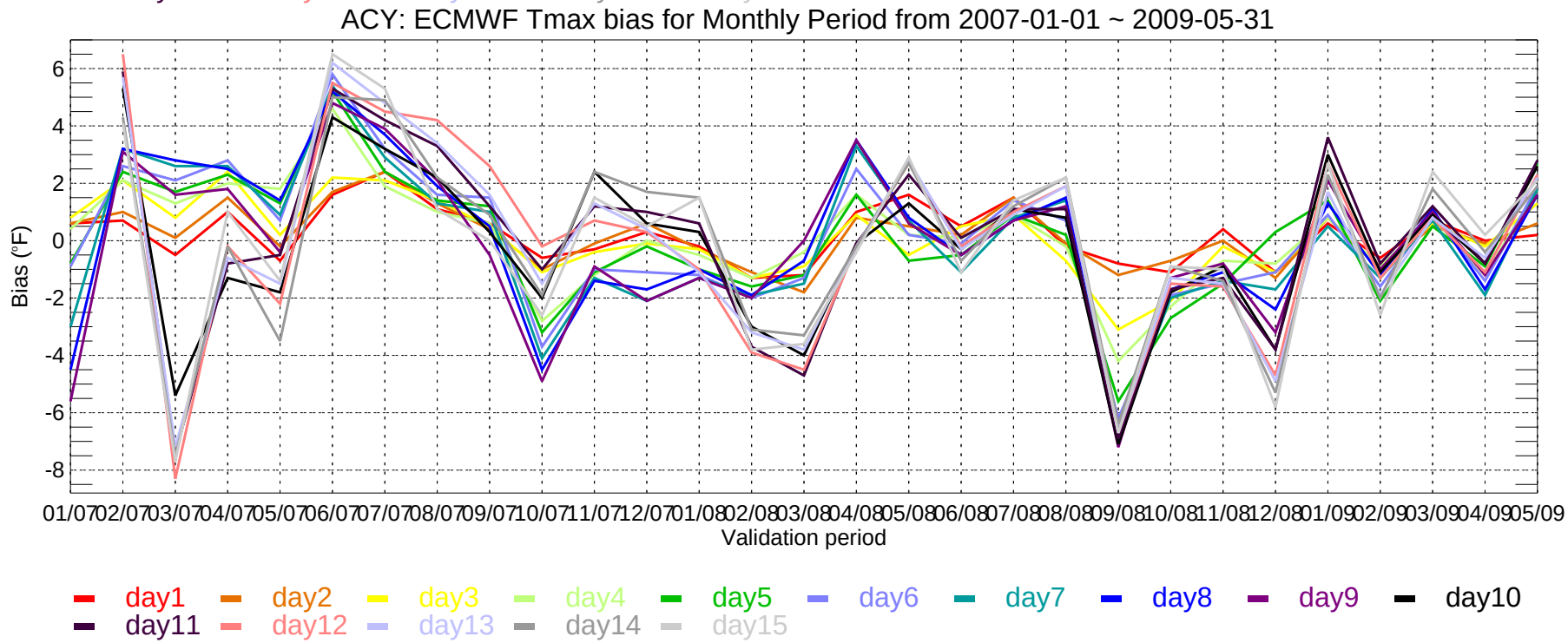

ACT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

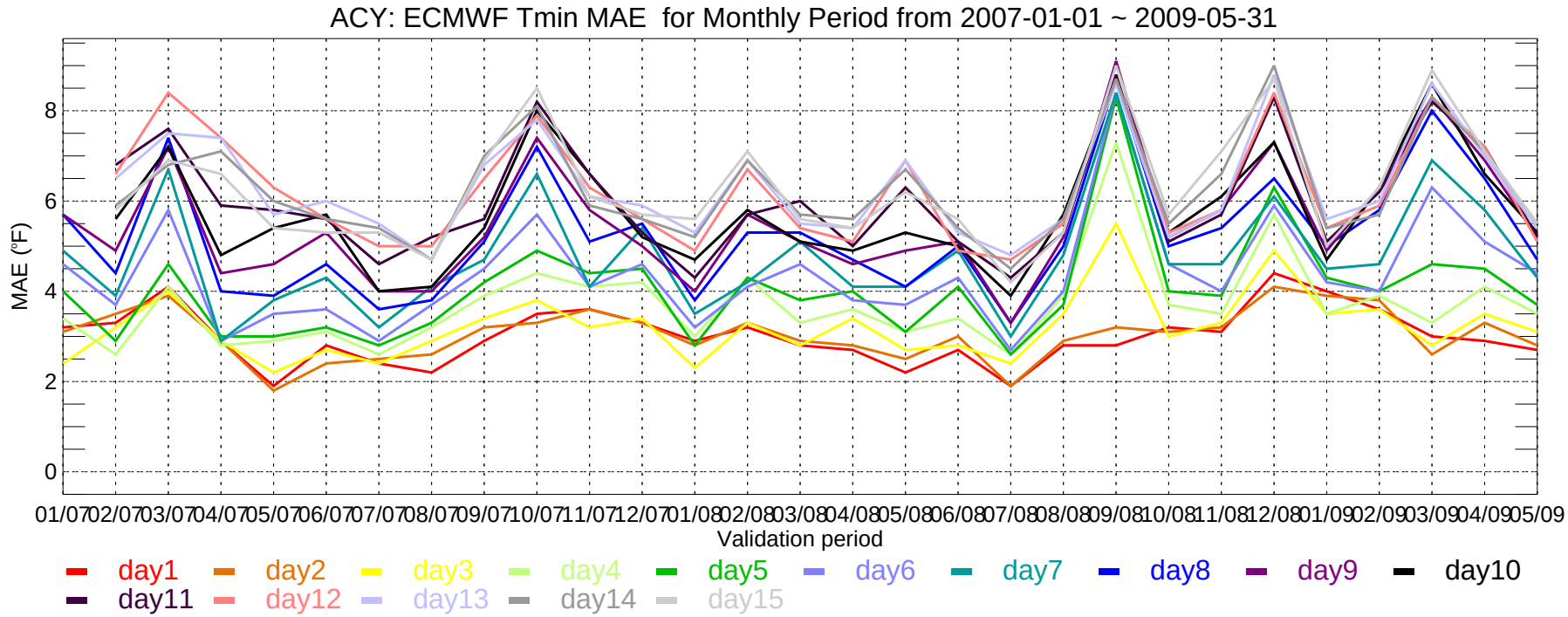

ACT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

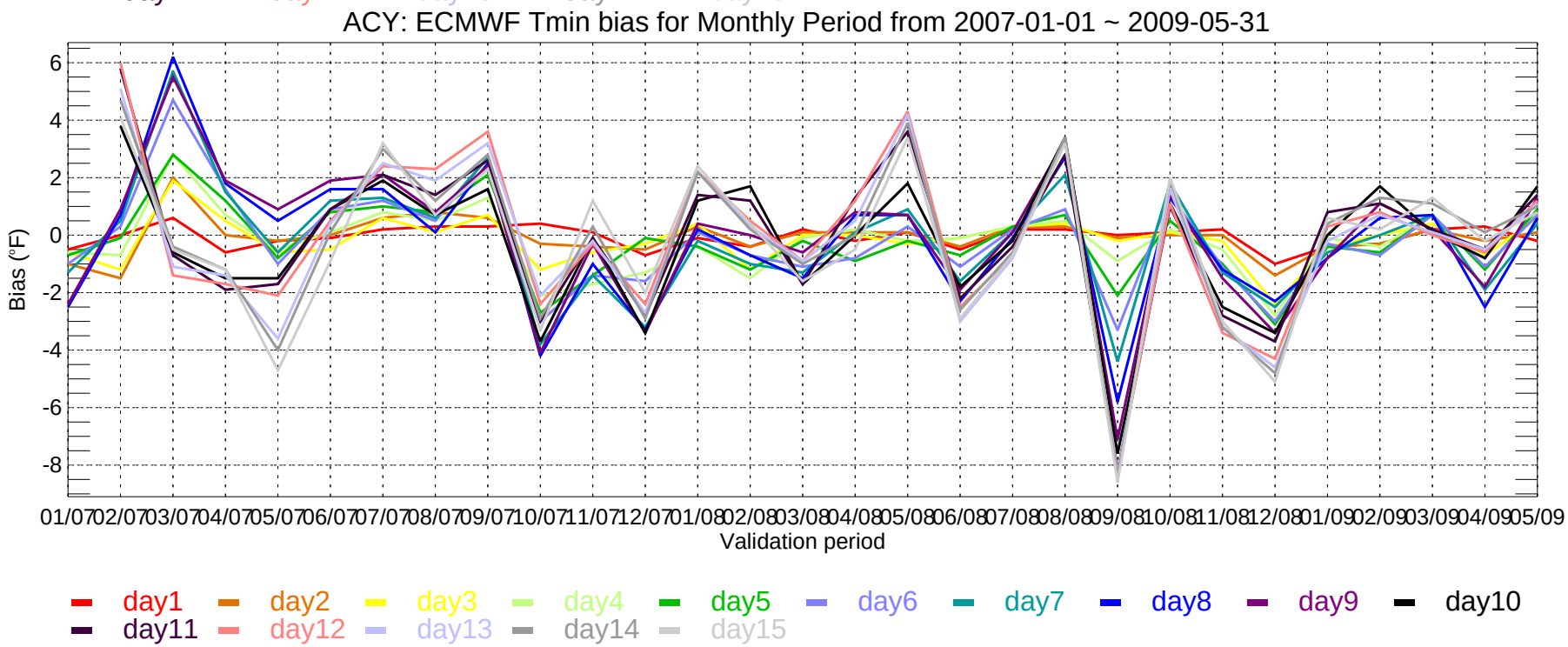

ACT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ACT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ACY: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ACY: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ACY: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ACY: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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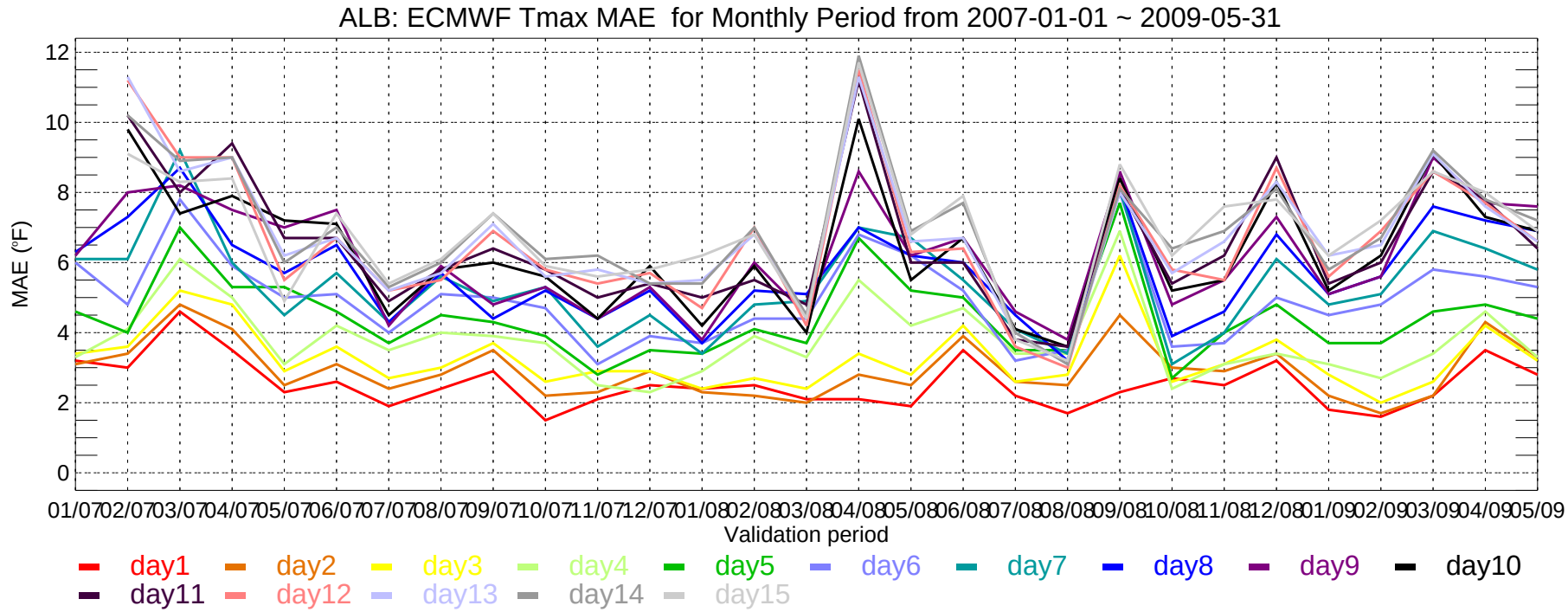
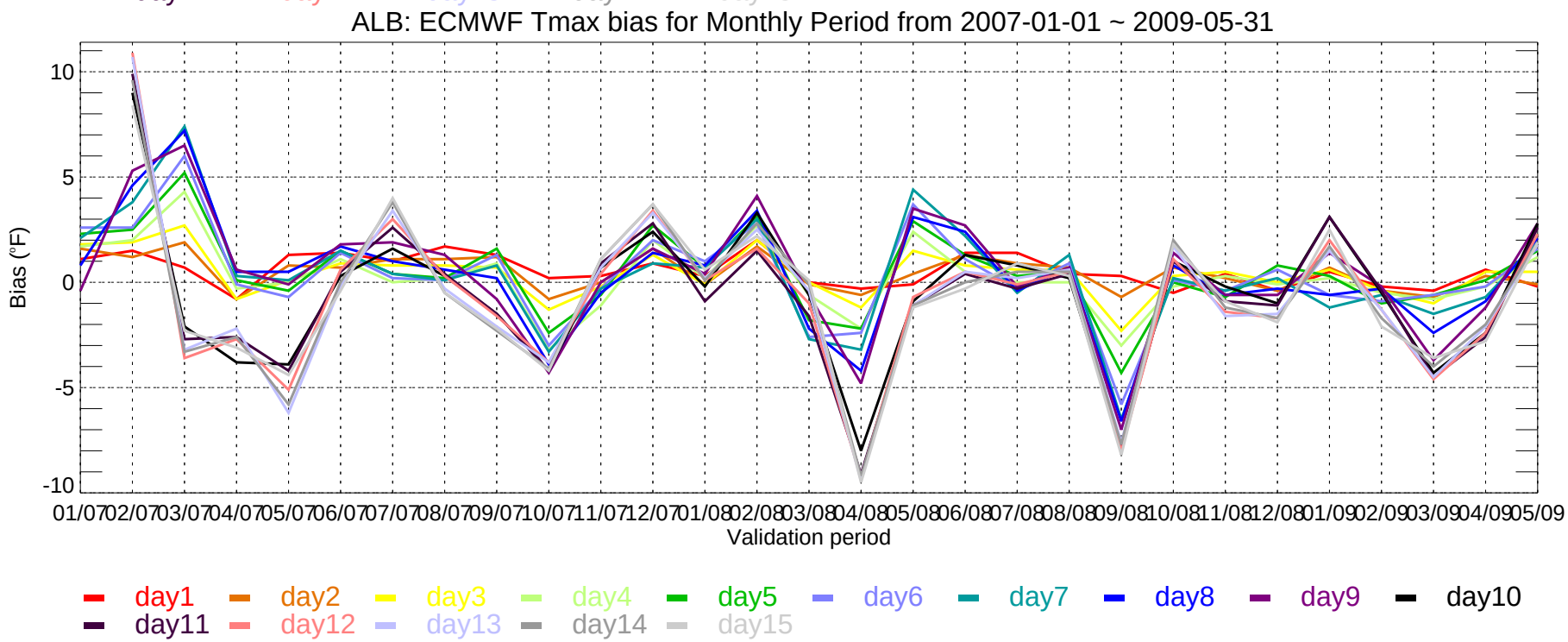
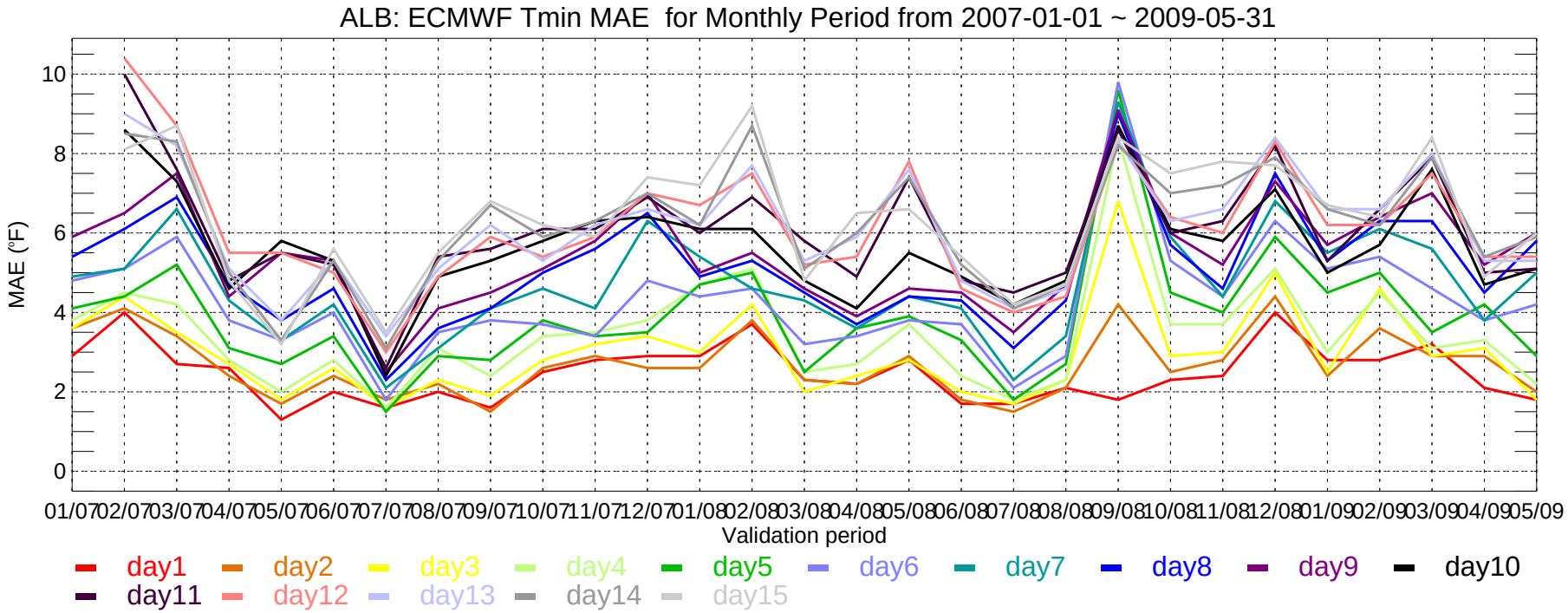
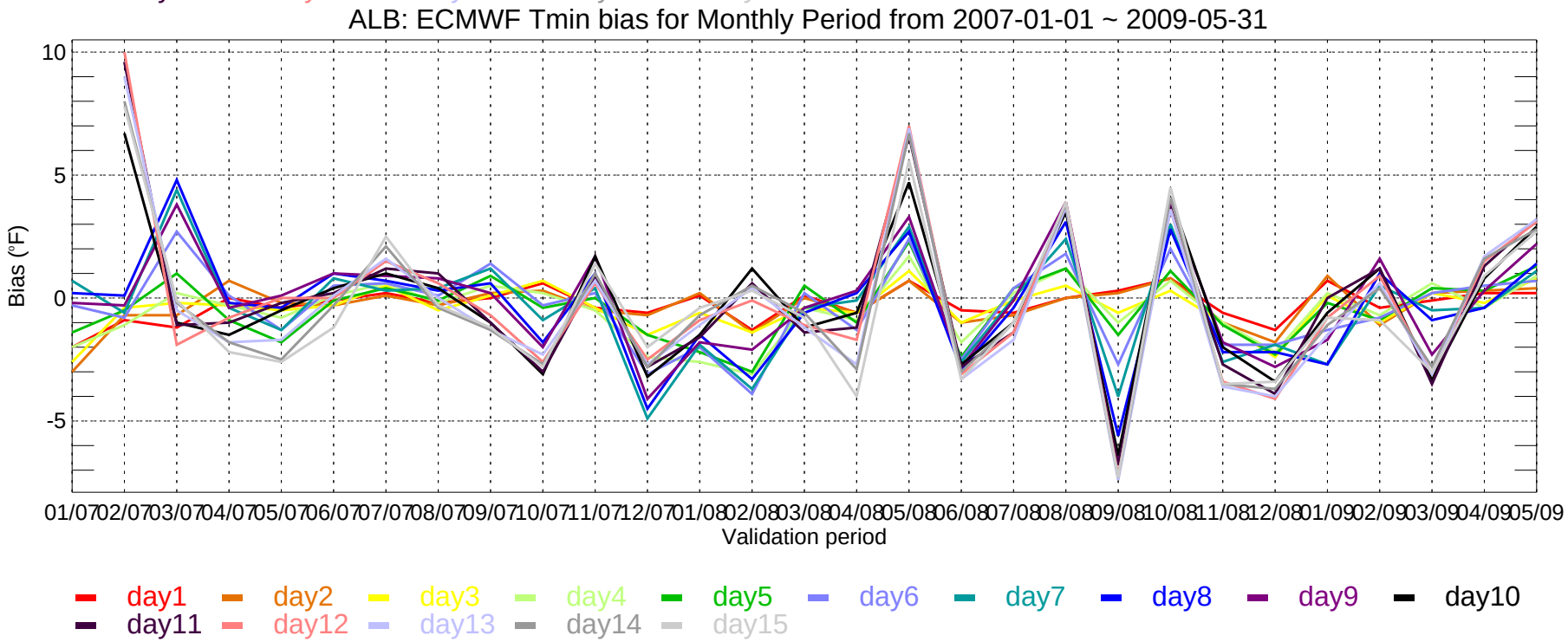
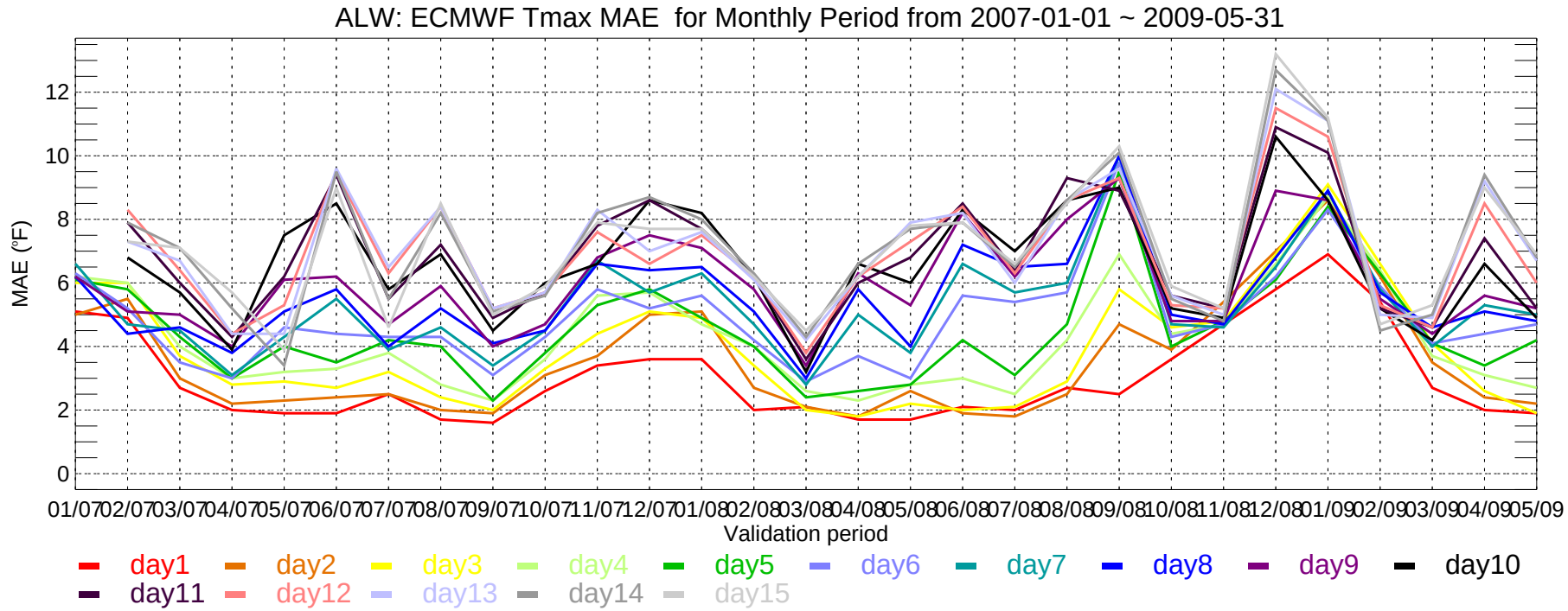
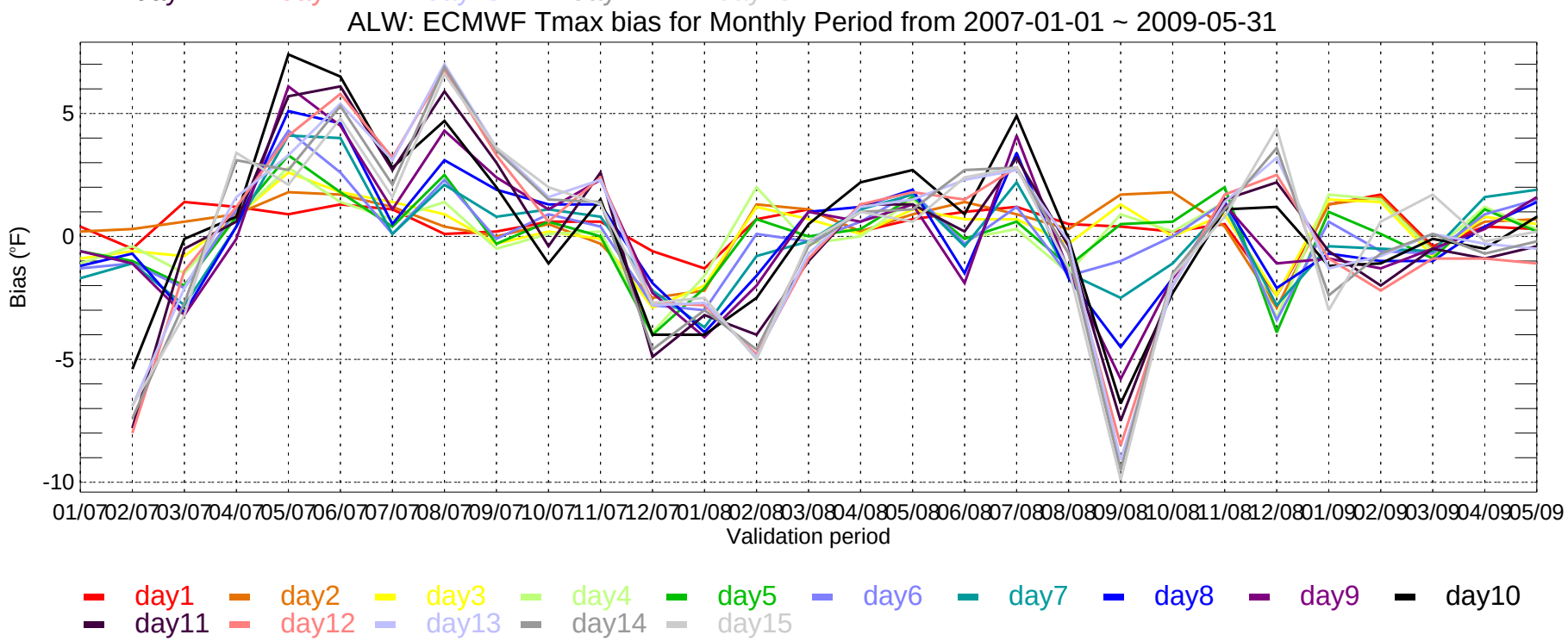

ALB: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

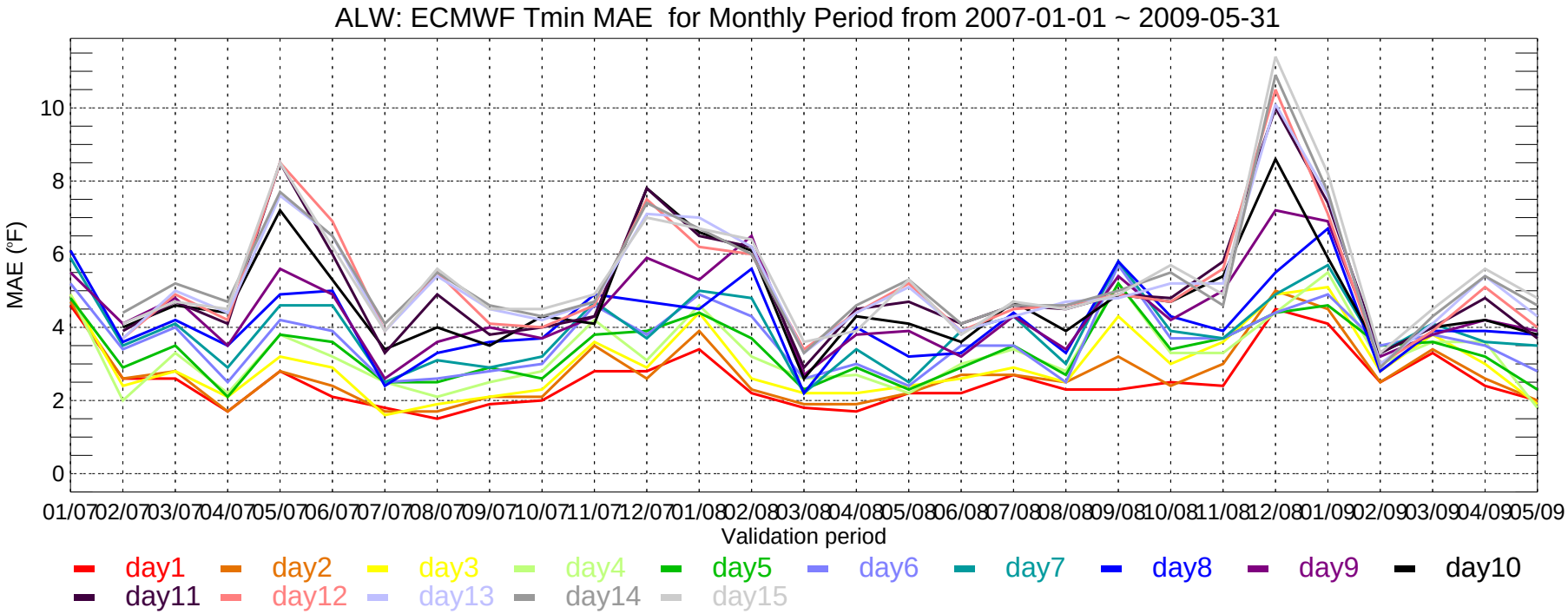

ALB: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

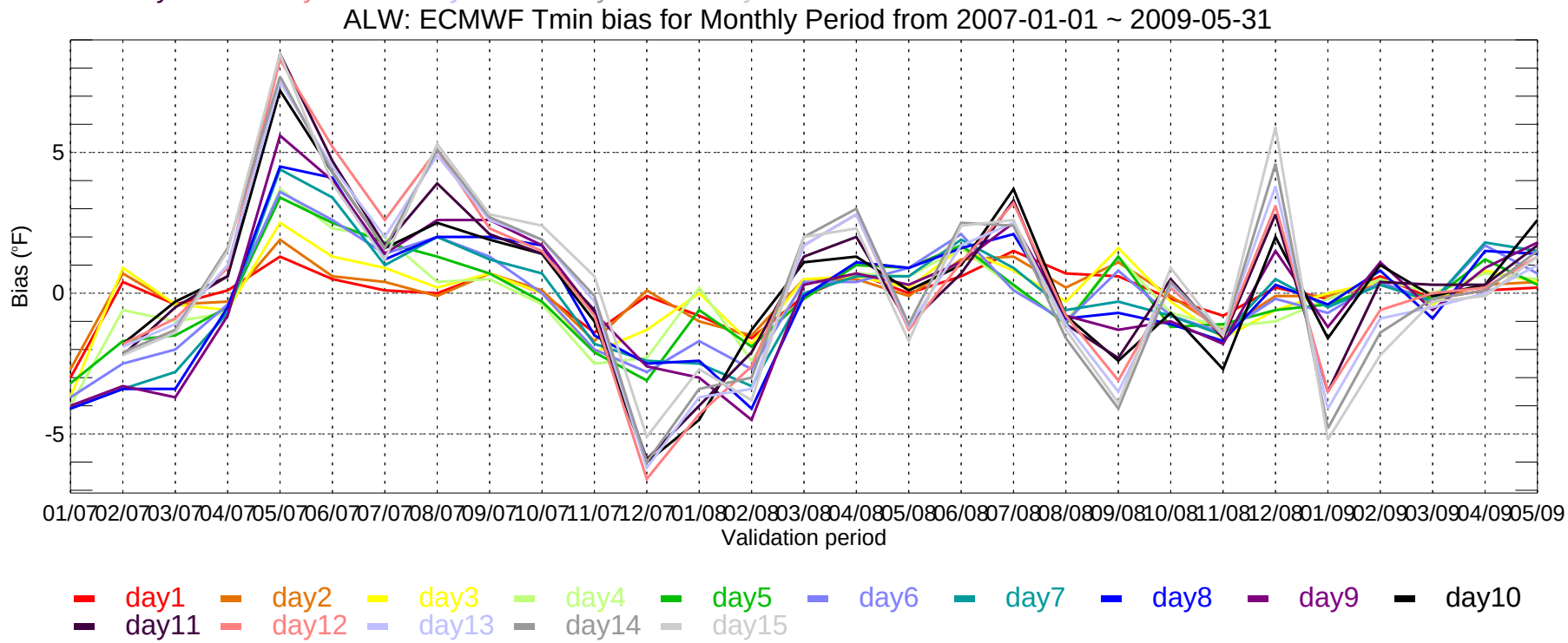

ALB: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

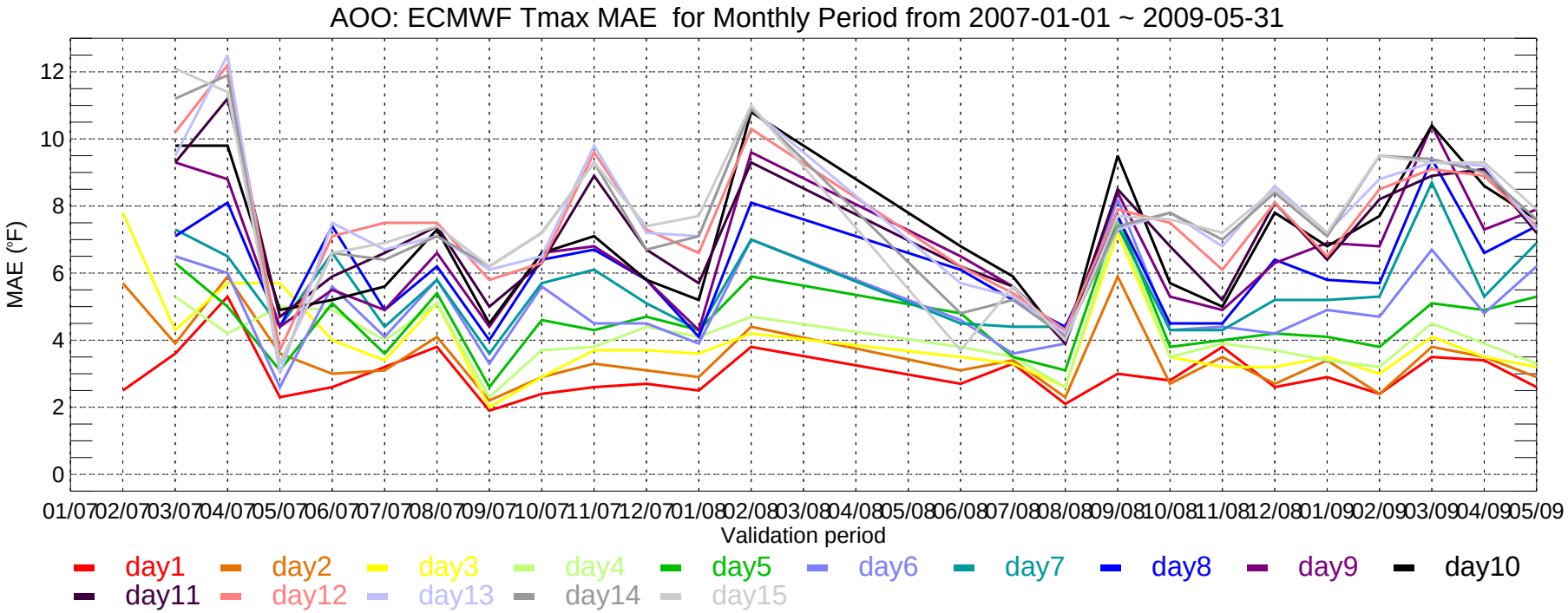

ALB: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

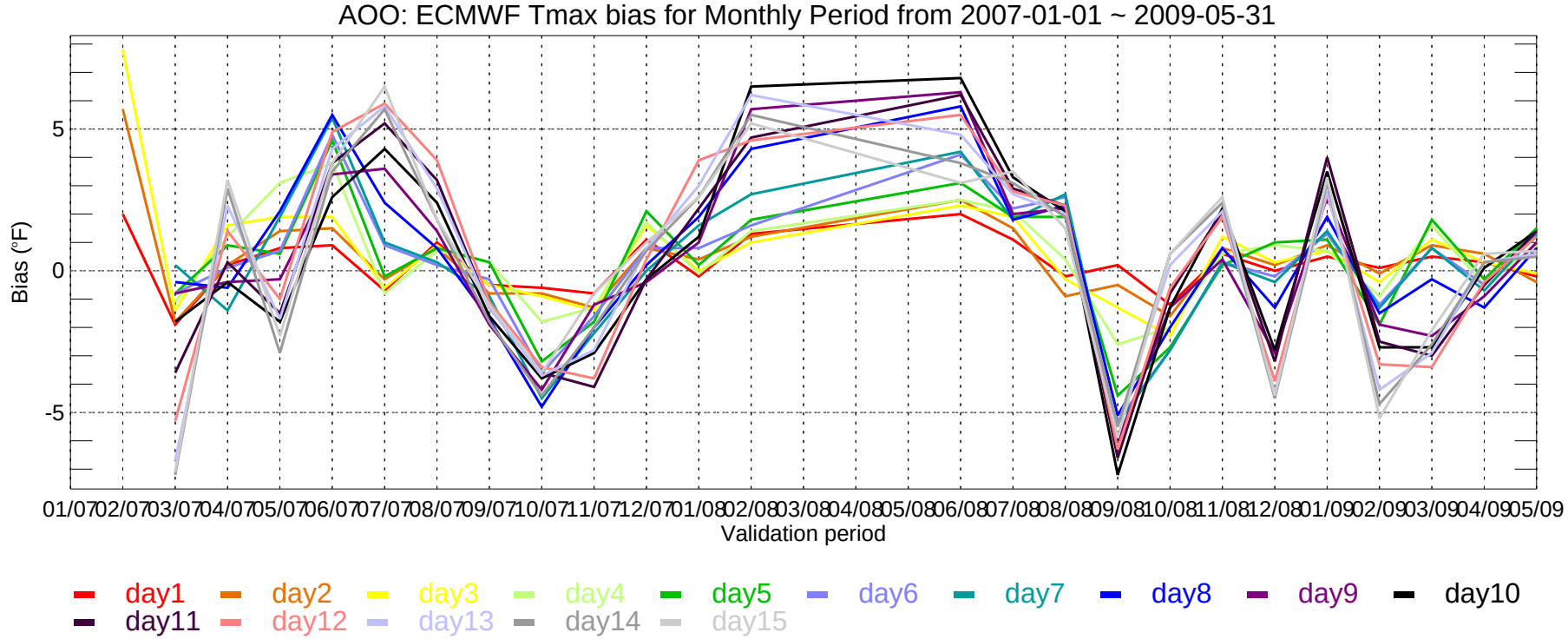

ALW: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

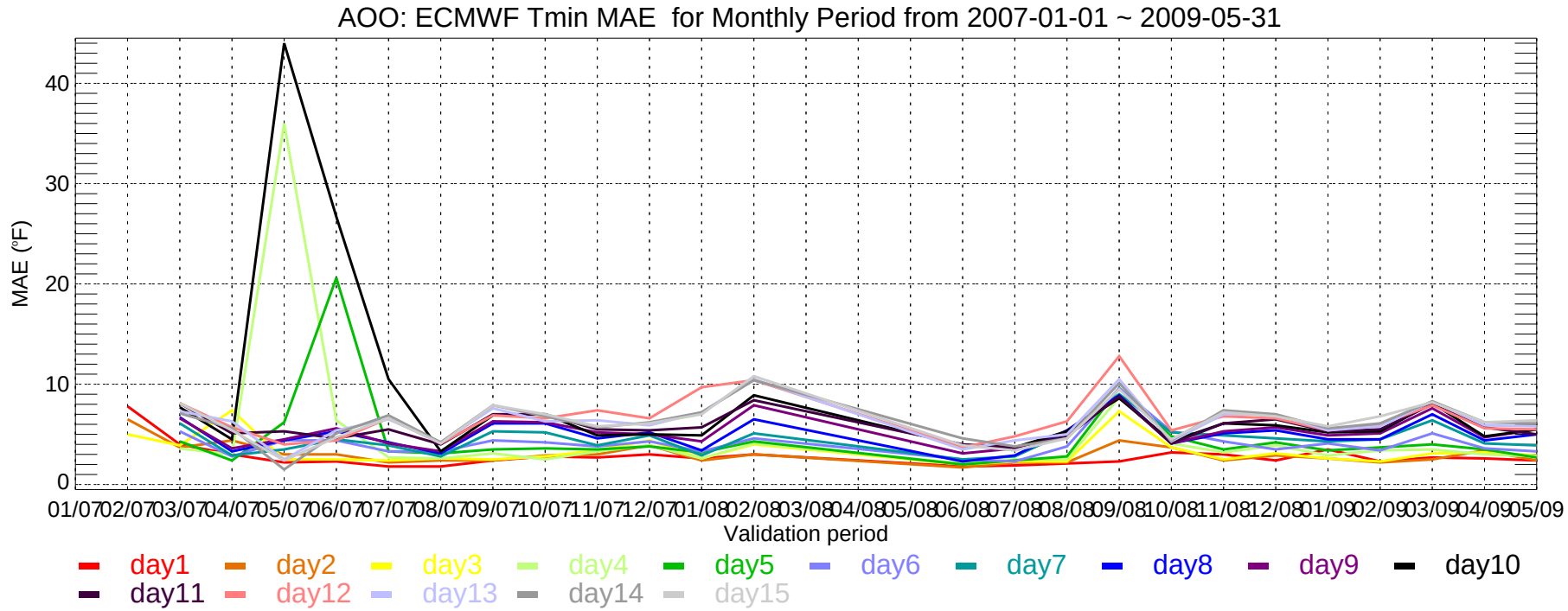

ALW: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

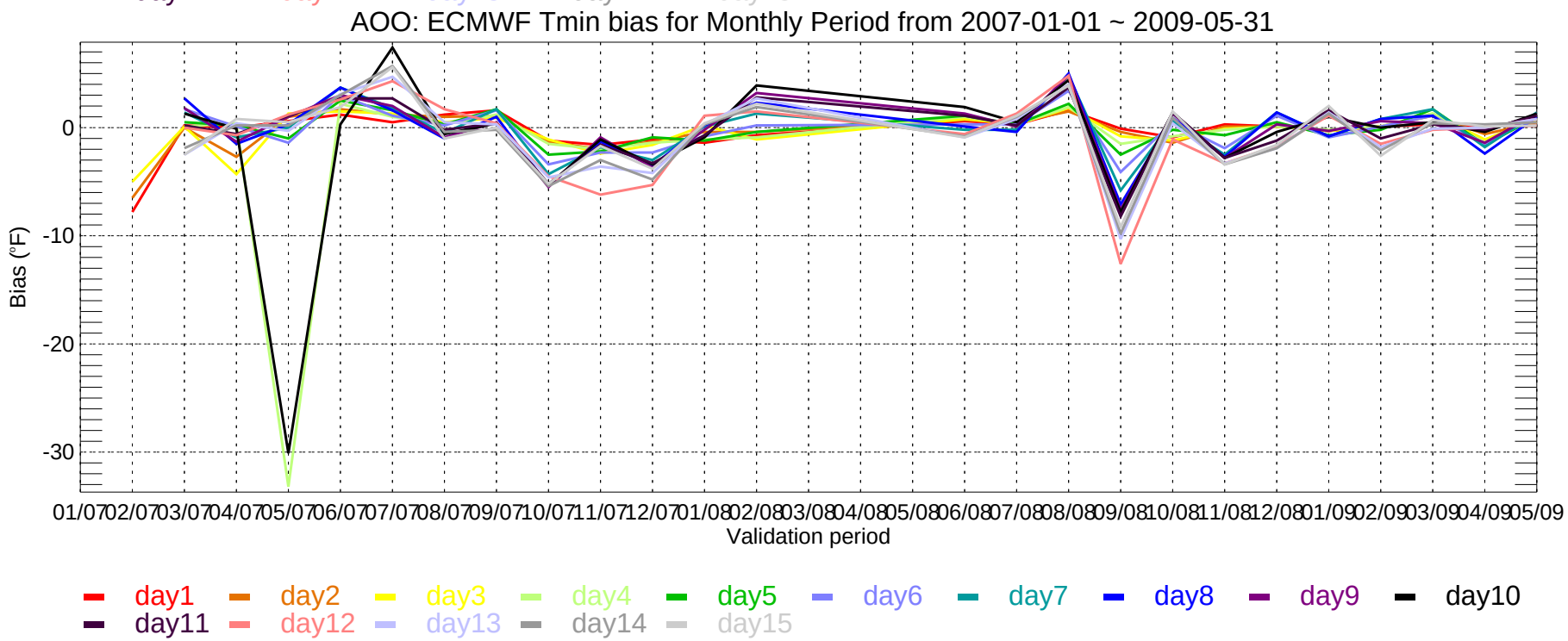

ALW: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

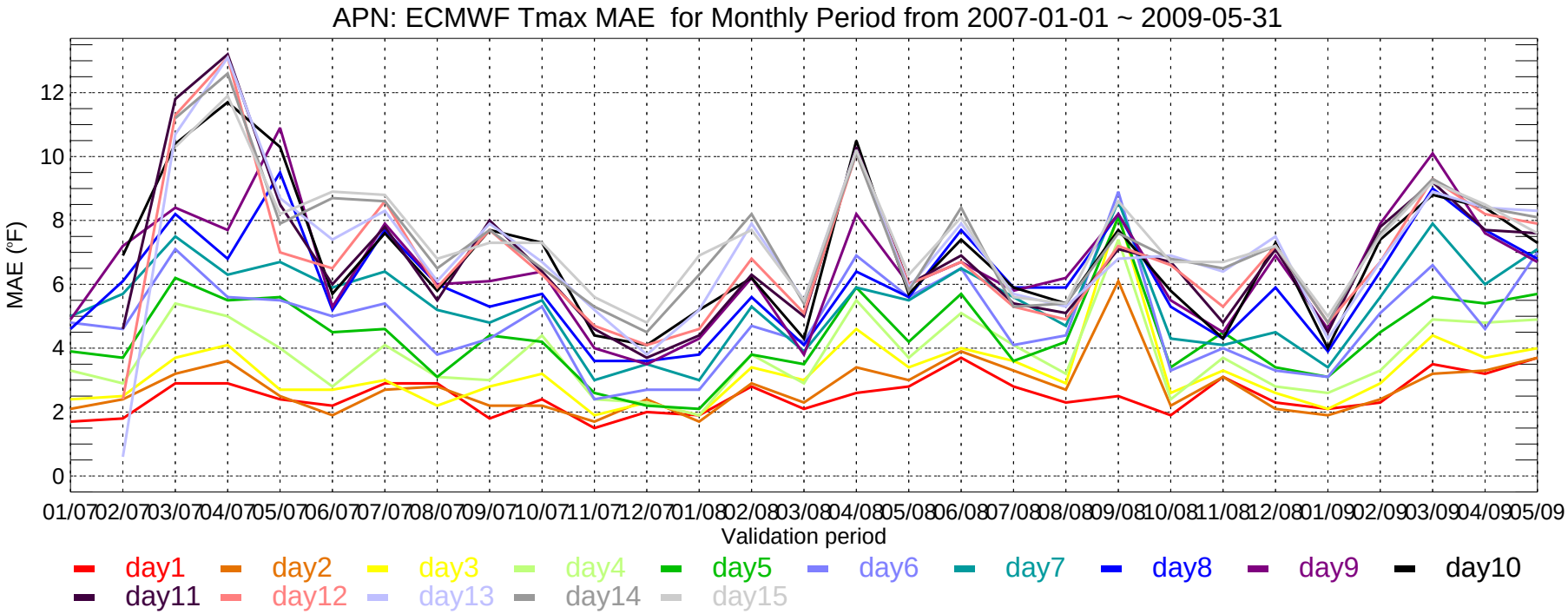

ALW: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AOO: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AOO: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AOO: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
10
20
30
40
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AOO: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
0
-10
-20
-30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


APN: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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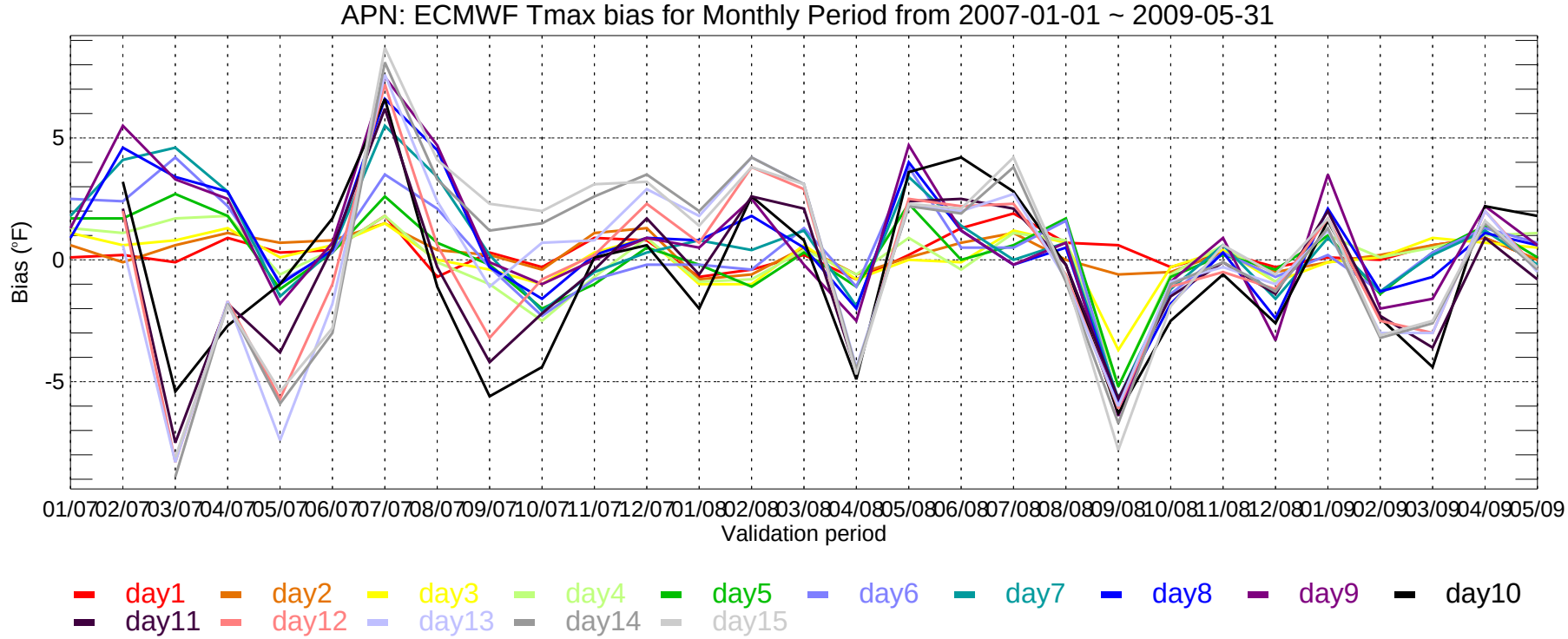
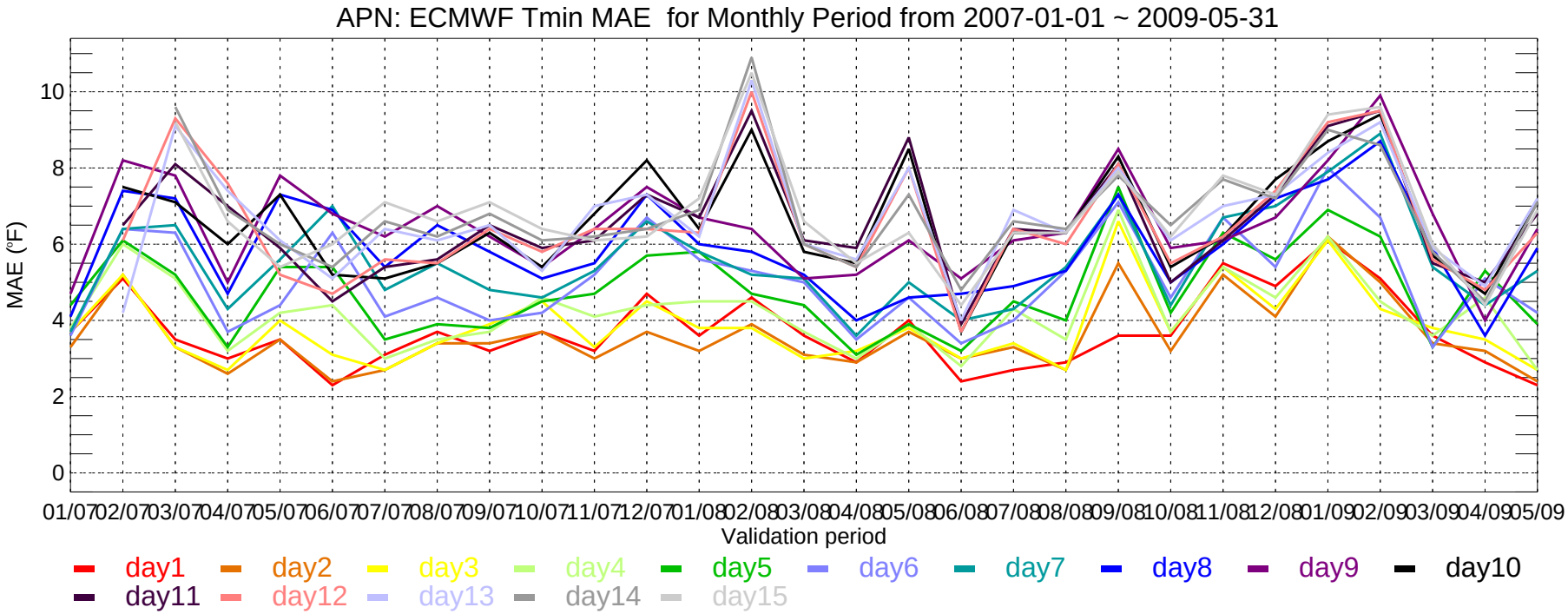
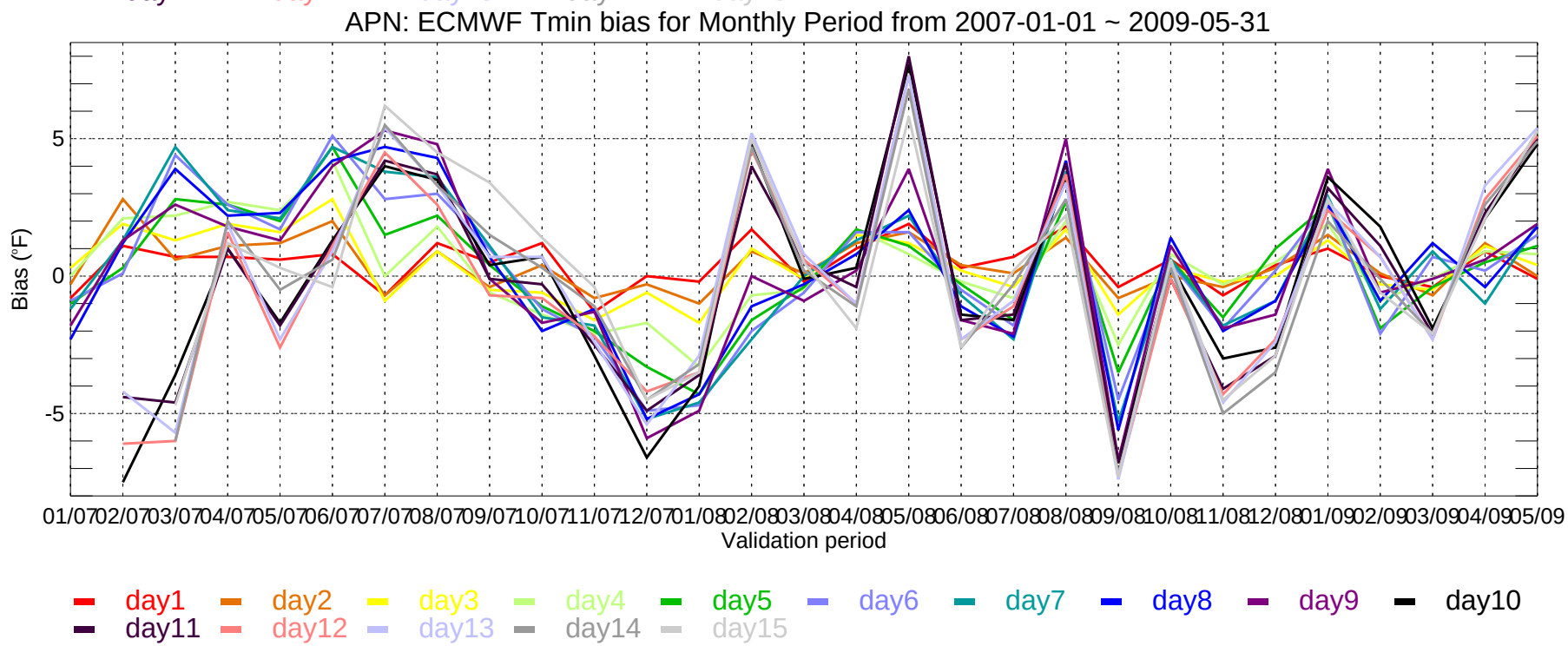
day11 day12 day13 day14 day15


APN: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


APN: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


APN: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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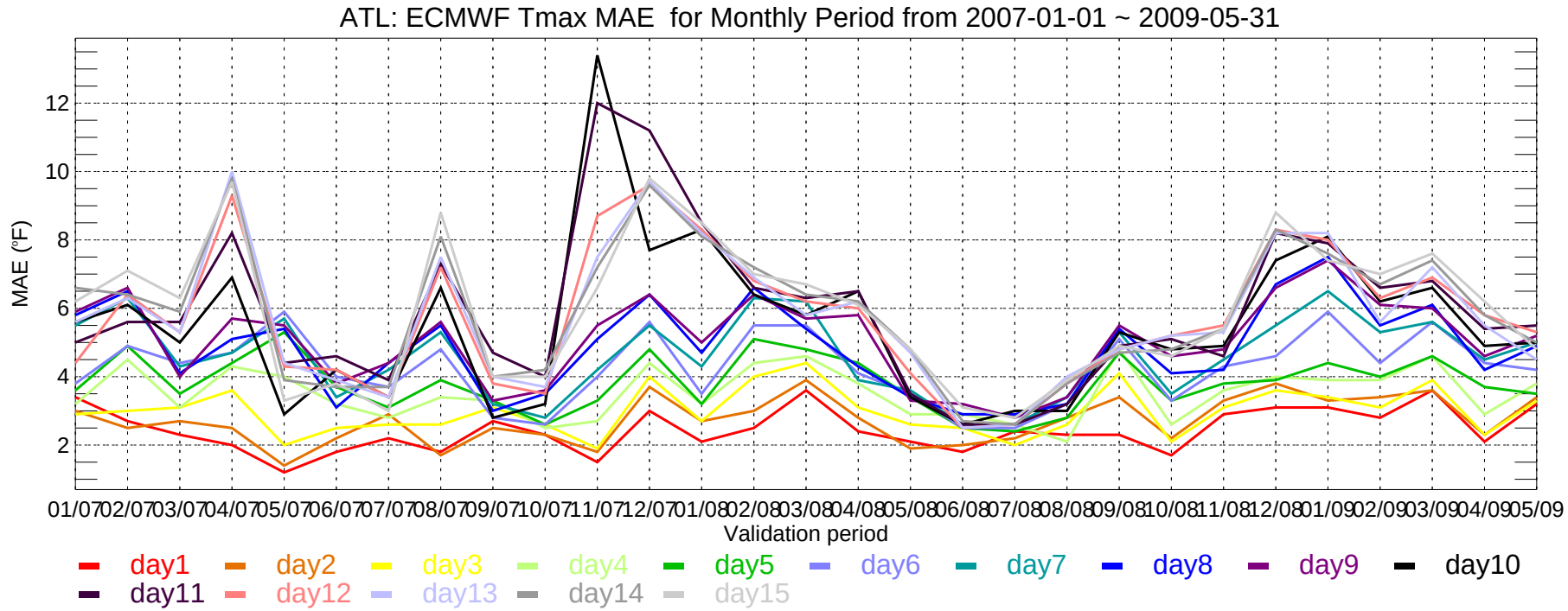
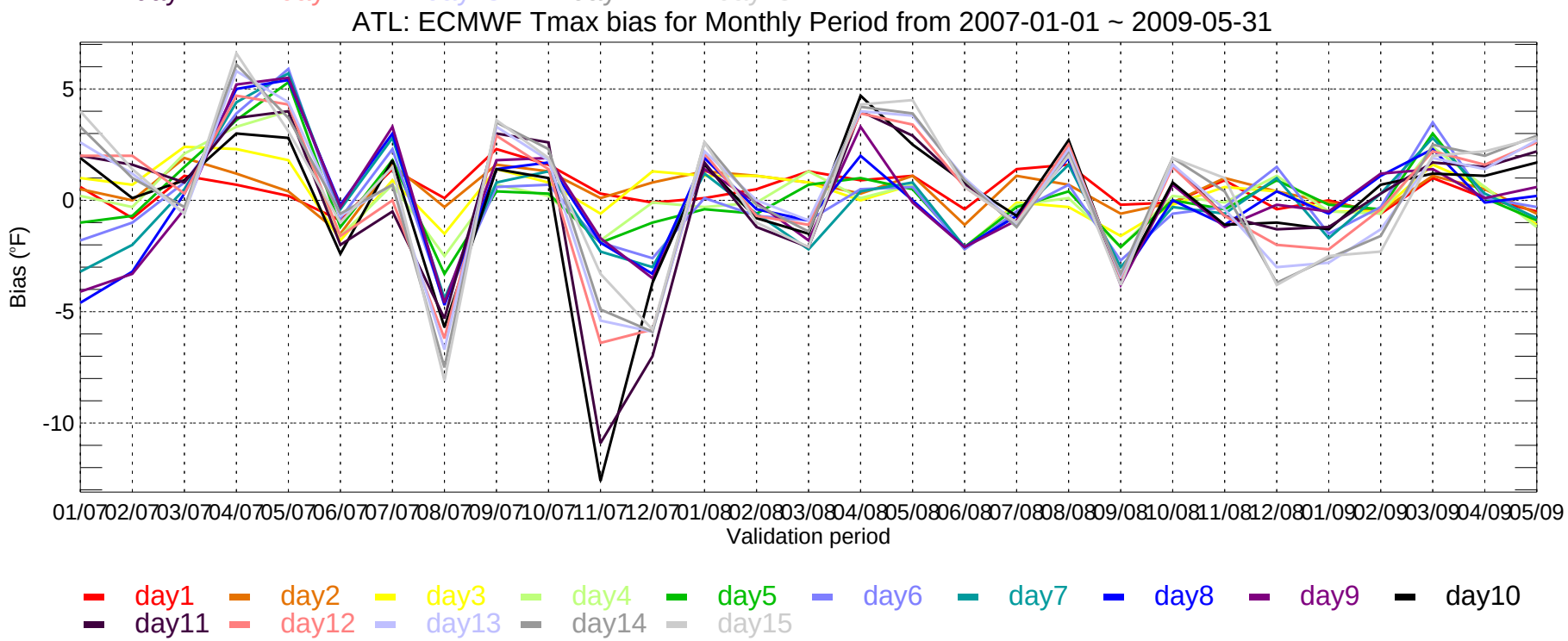
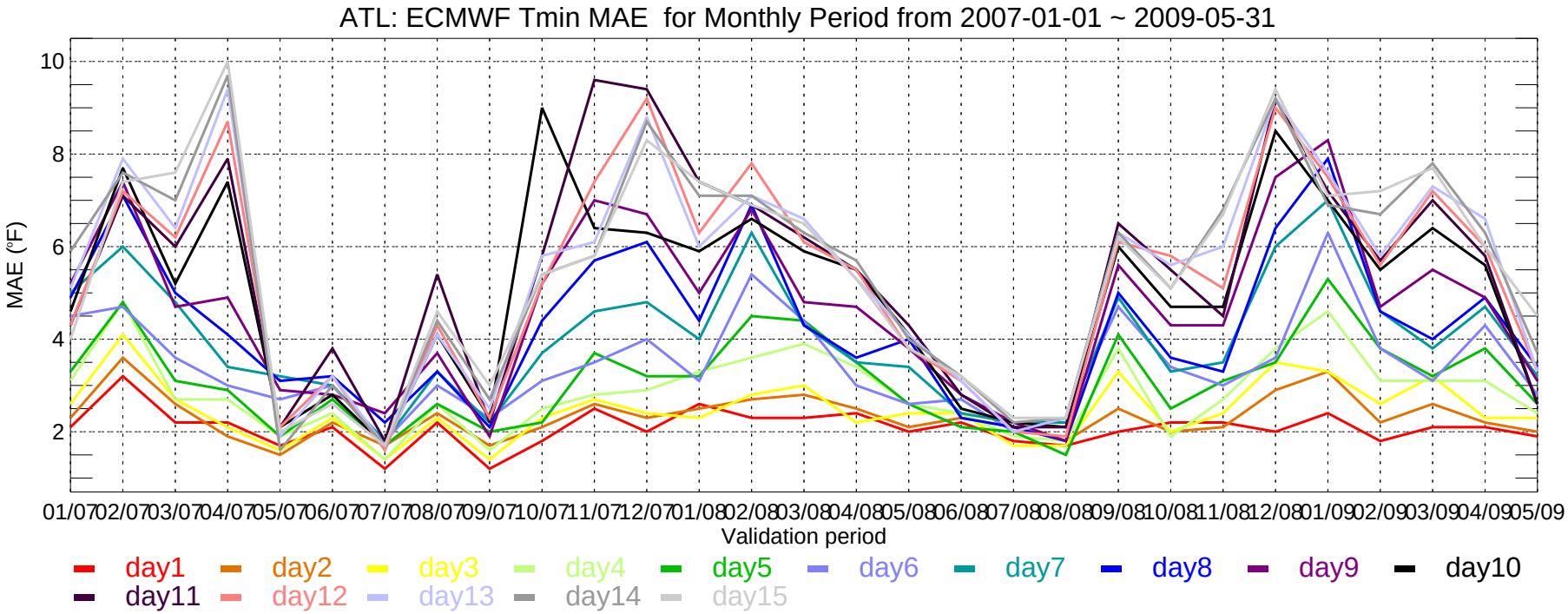
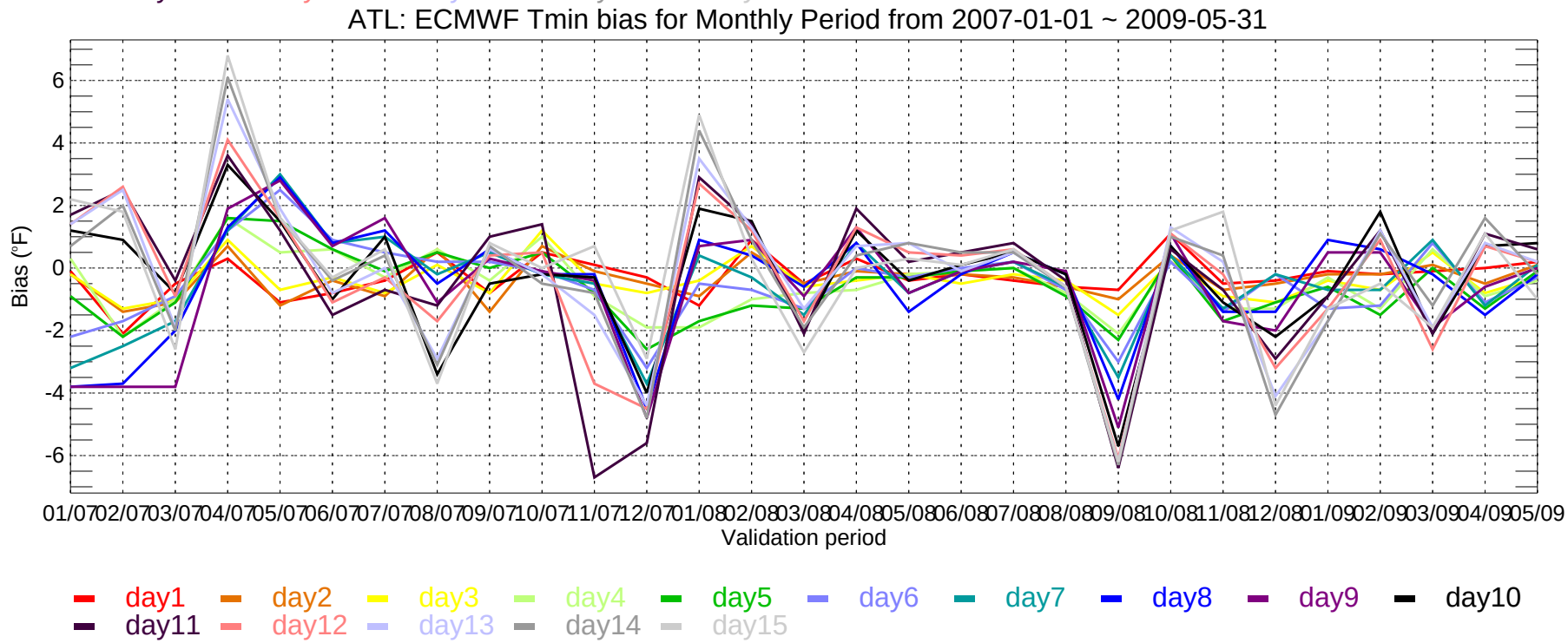
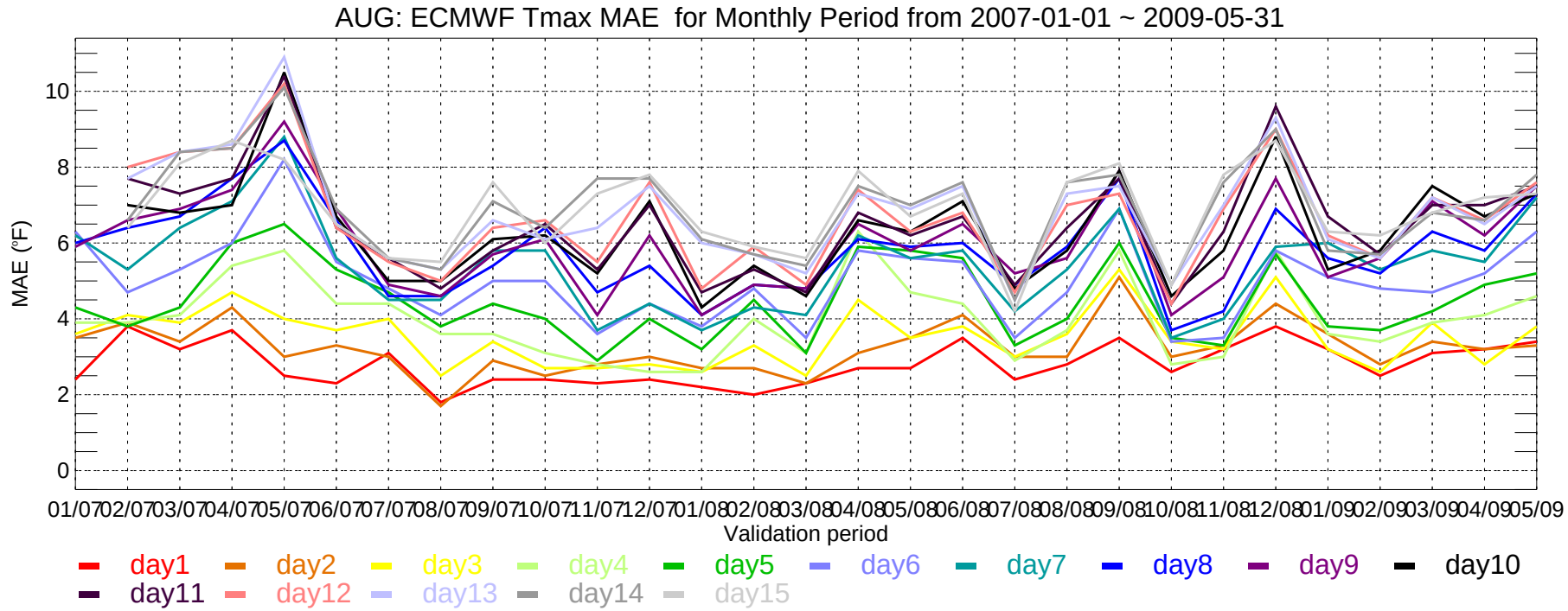
day11 day12 day13 day14 day15

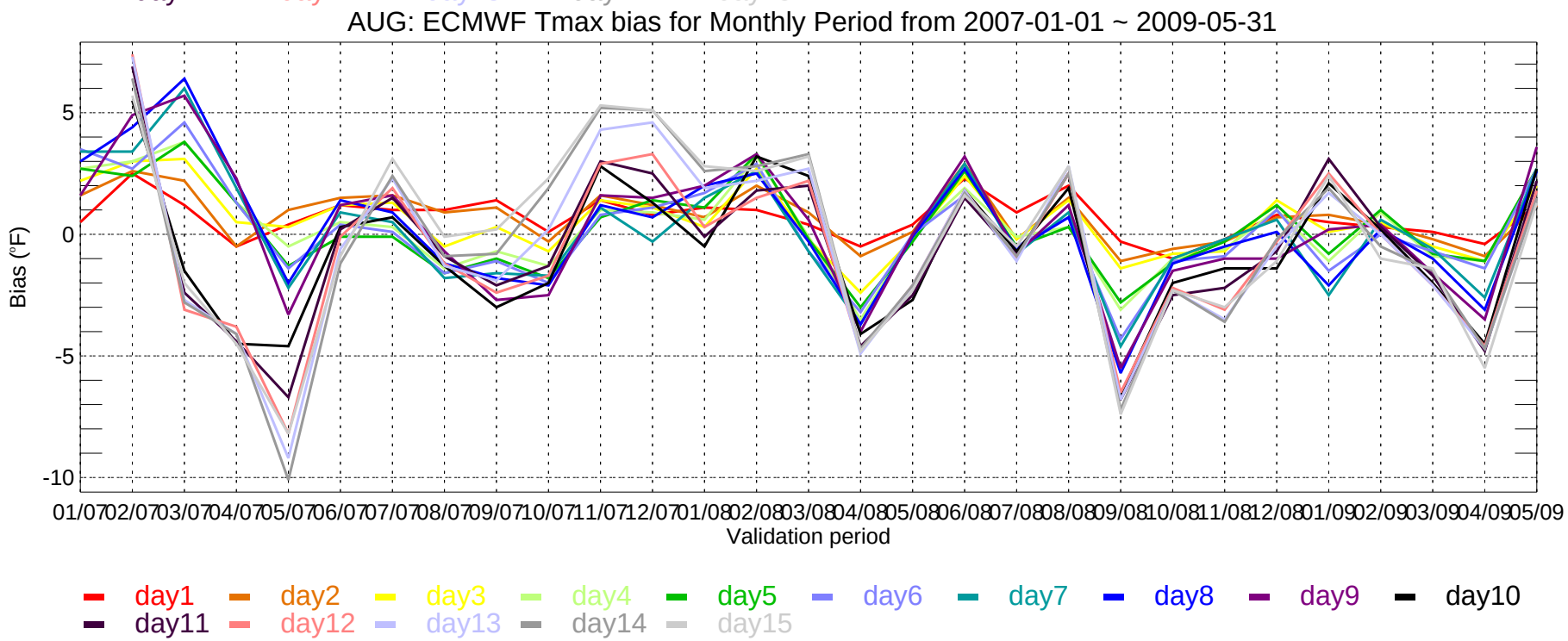

ATL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

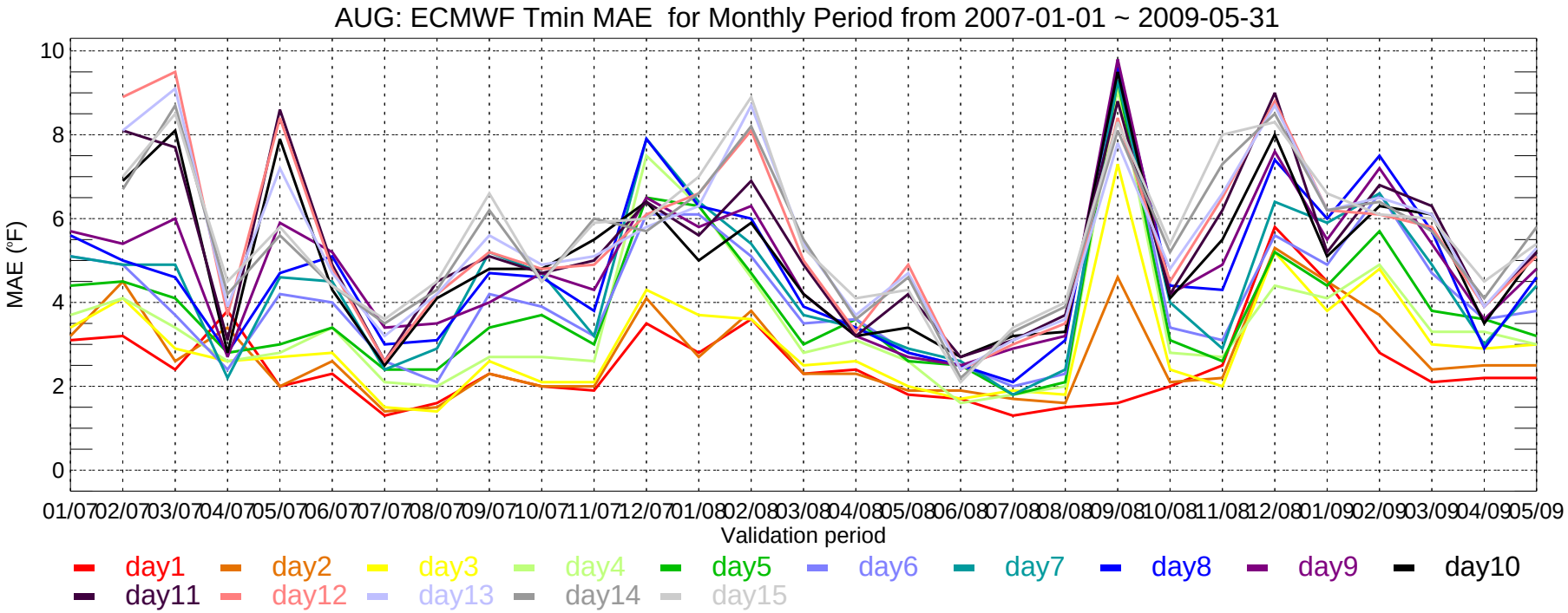

ATL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

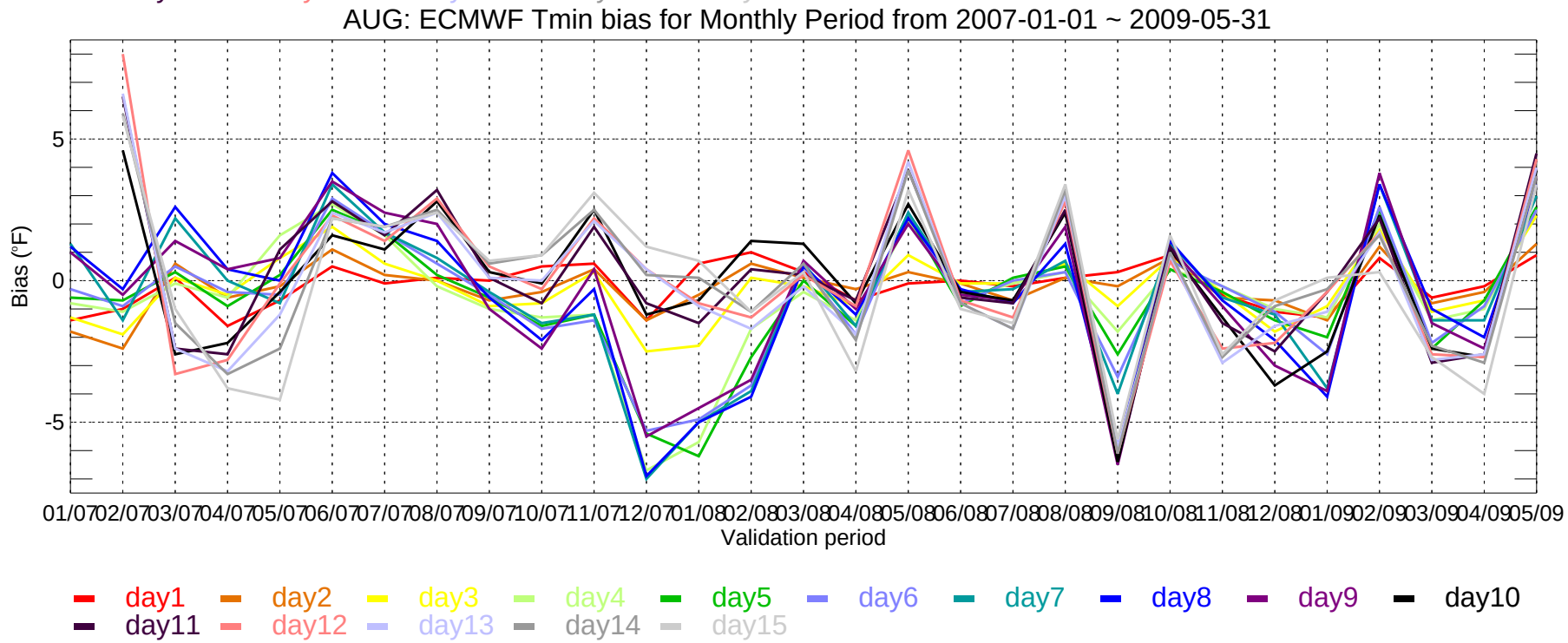

ATL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

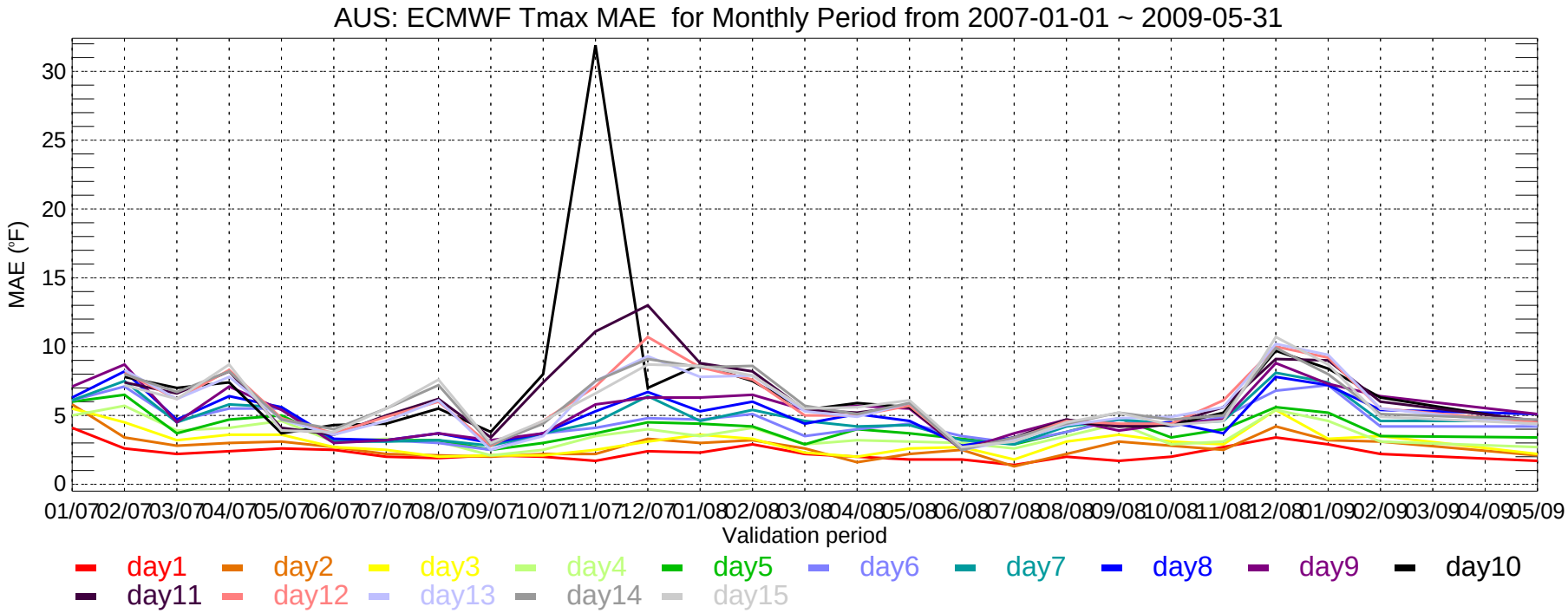

ATL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

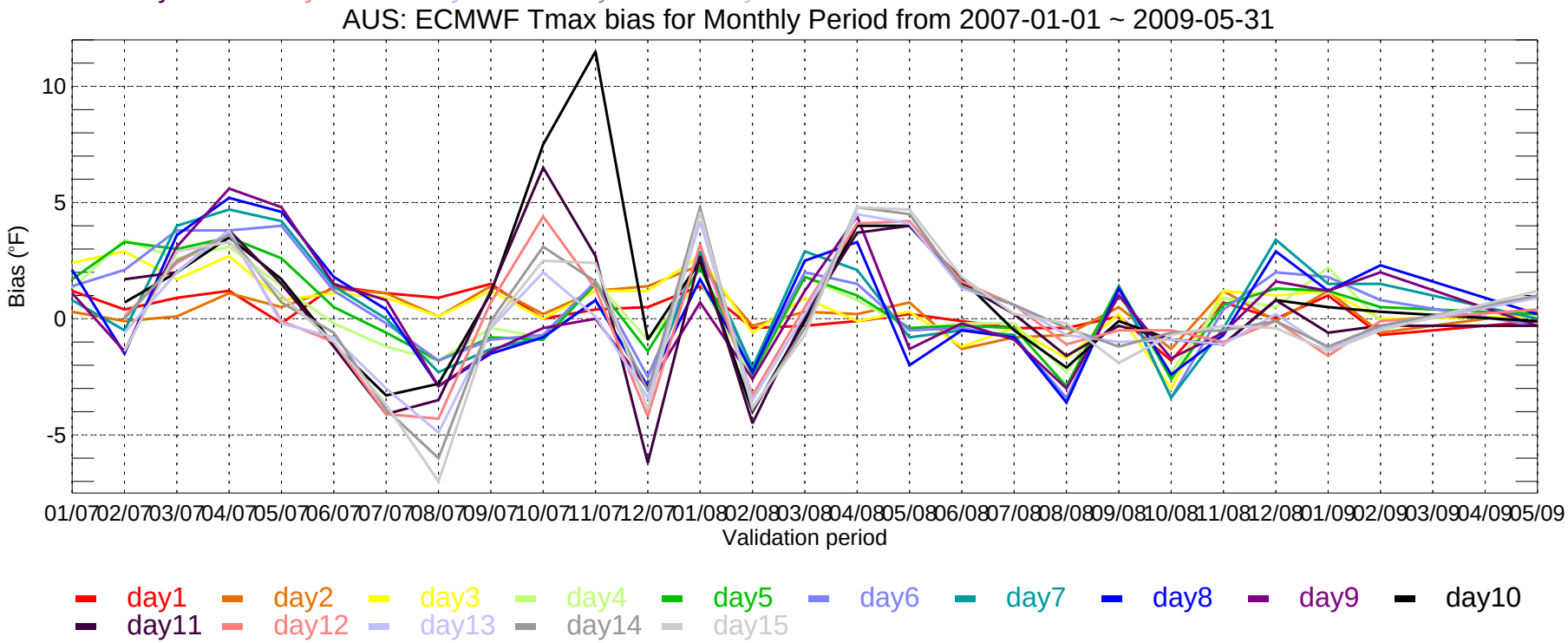

AUG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

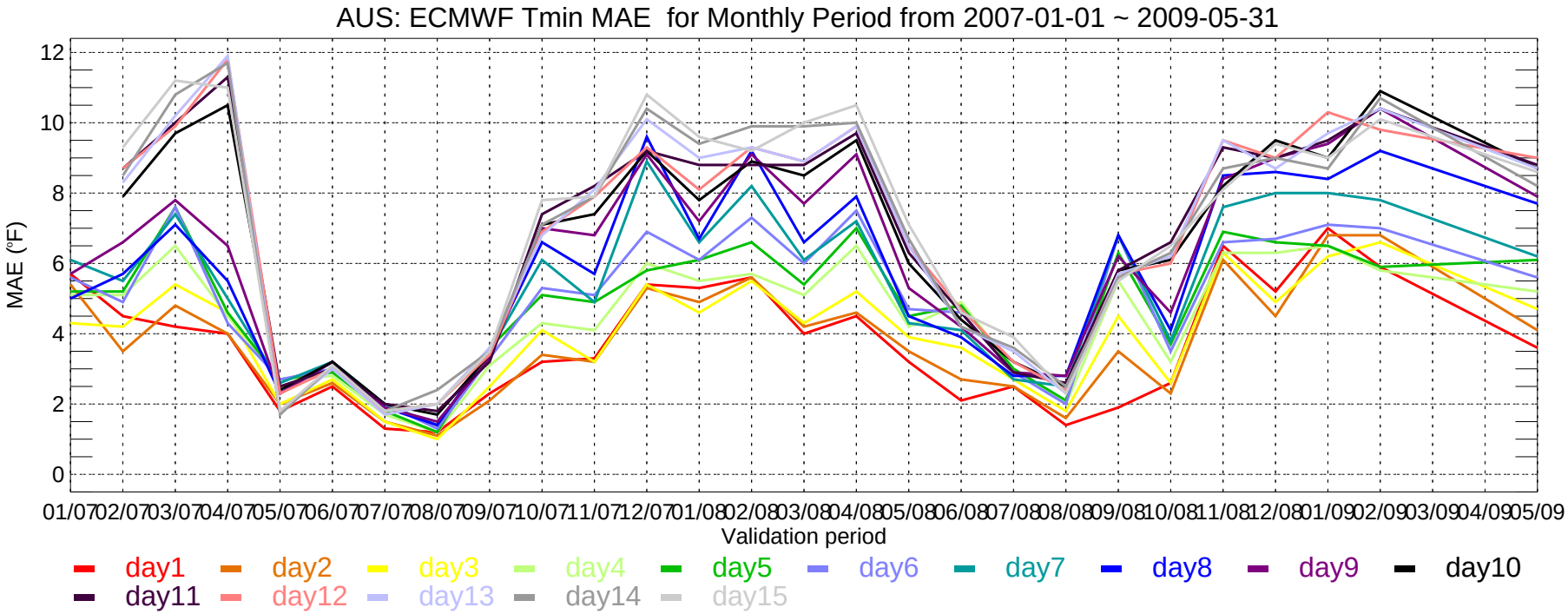

AUG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

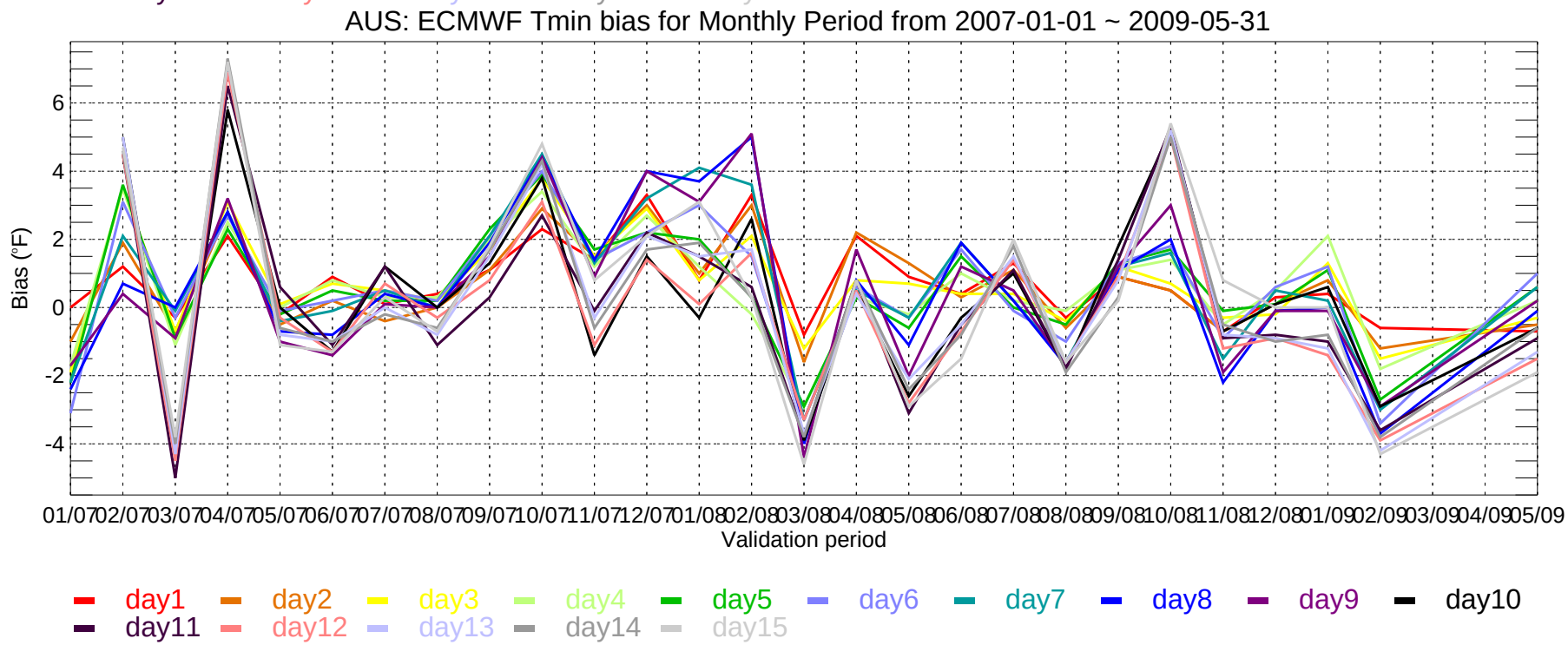

AUG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

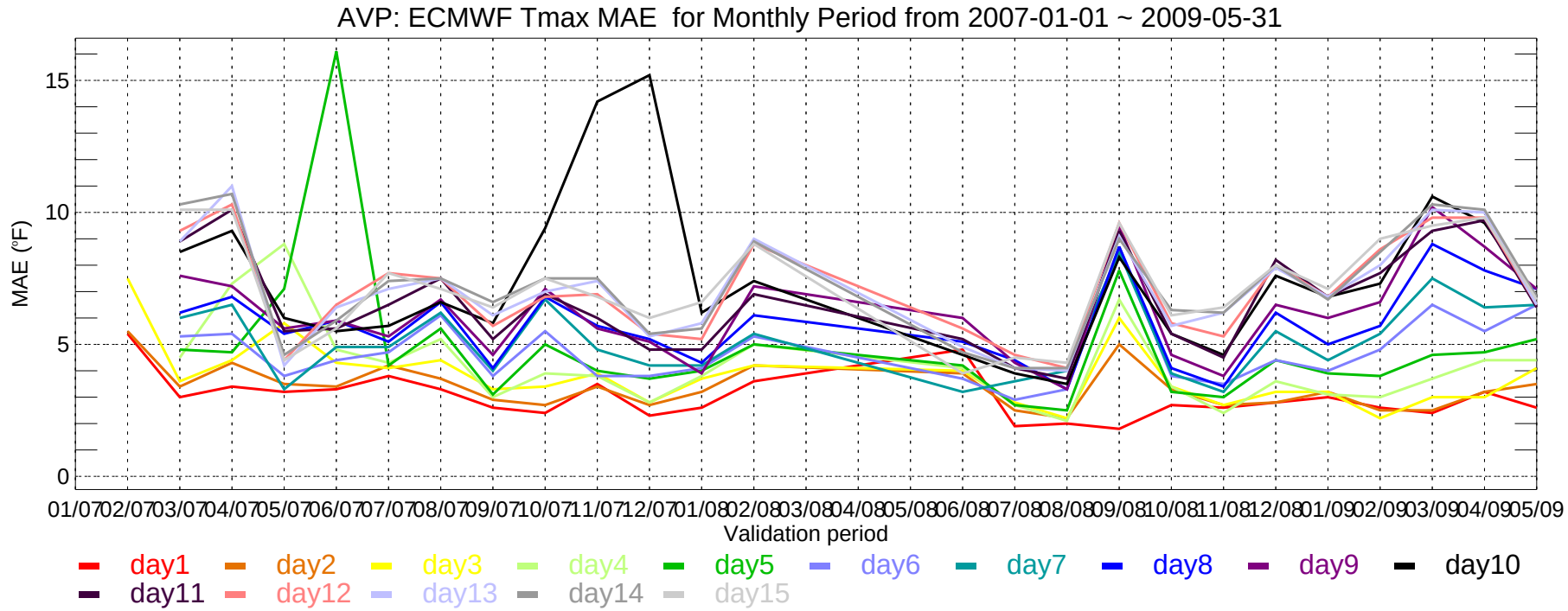

AUG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AUS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
20
25
30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AUS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AUS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AUS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AVP: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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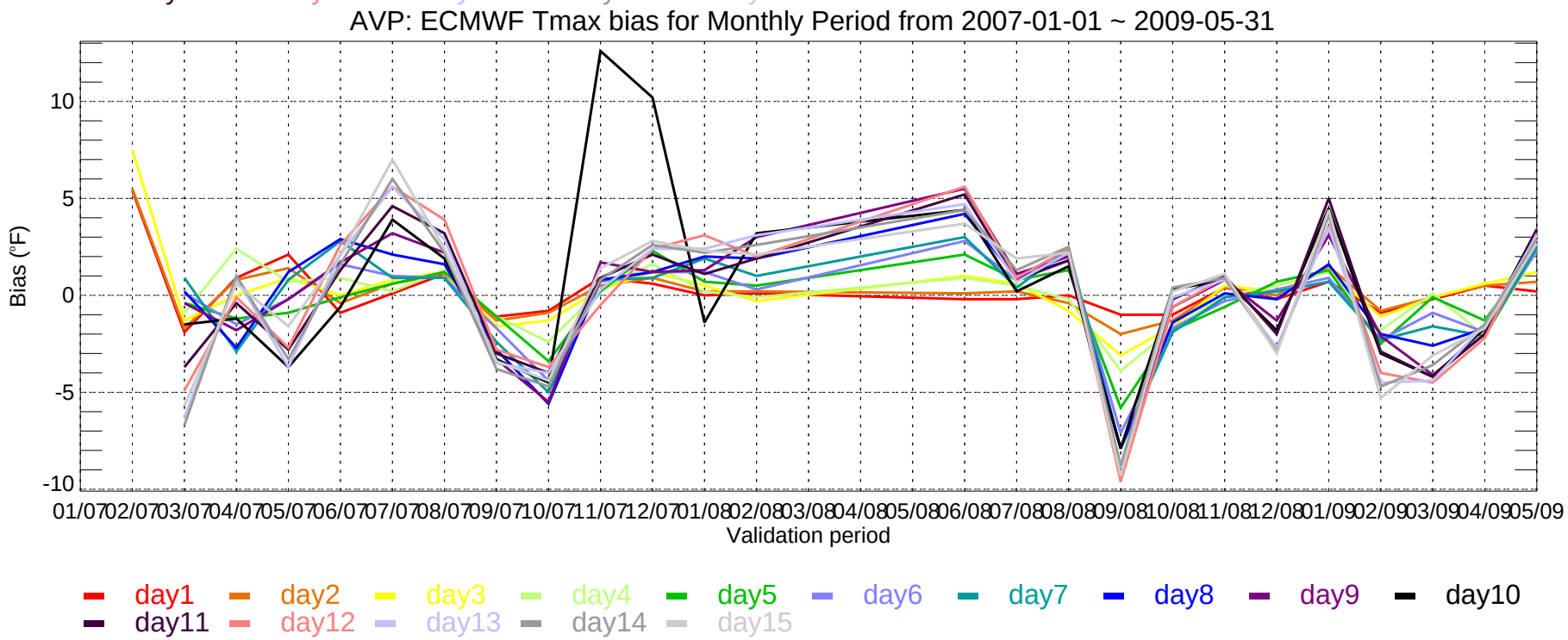
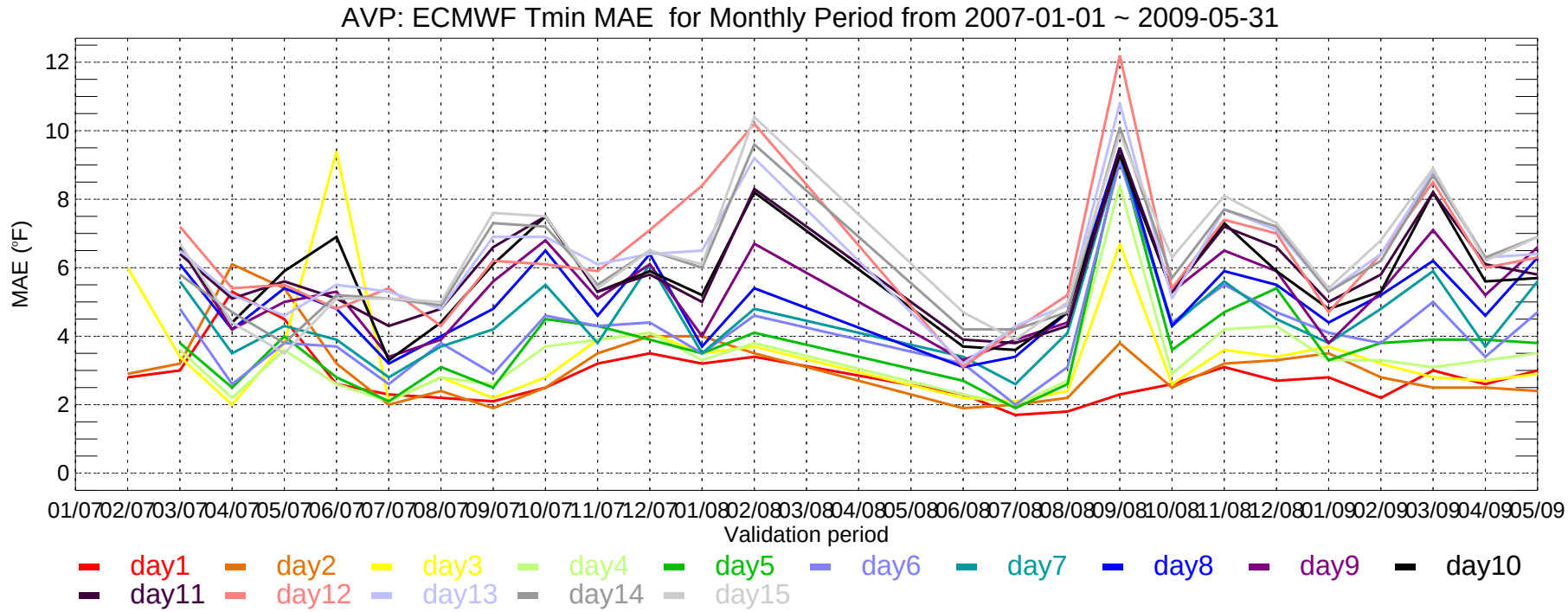
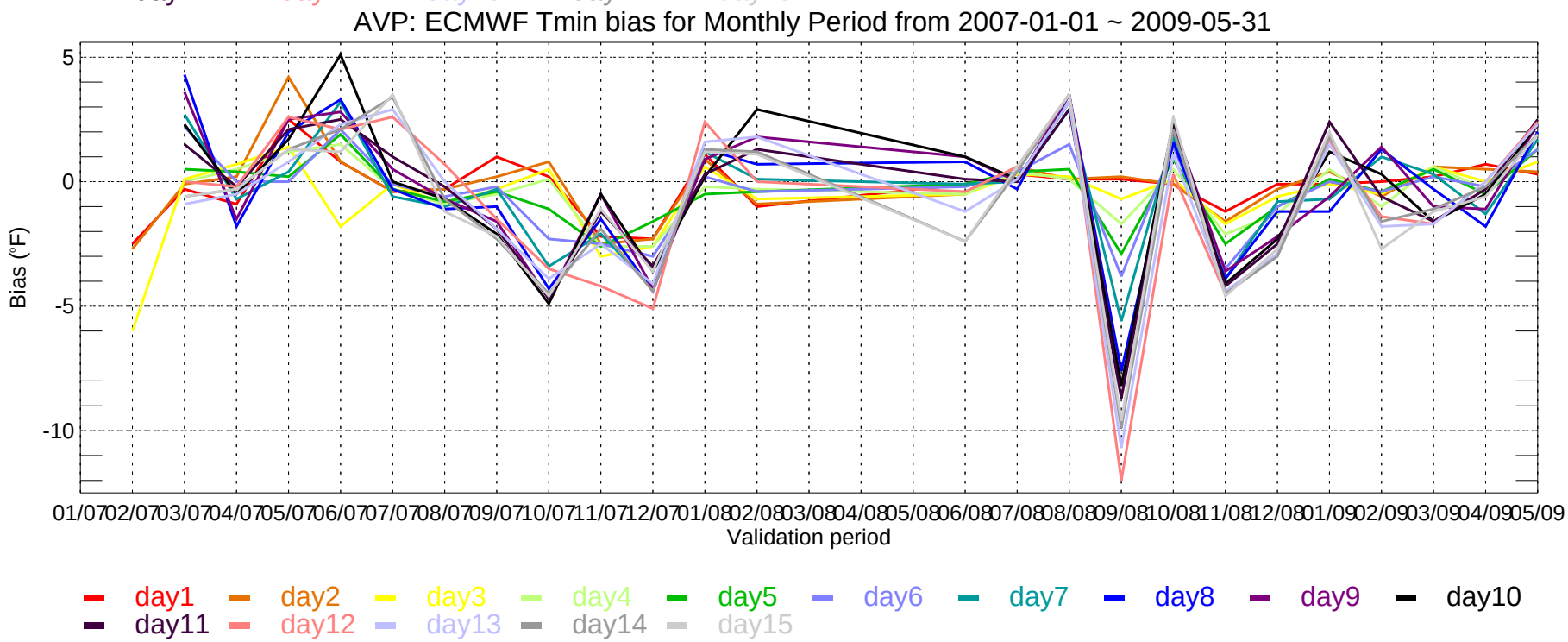
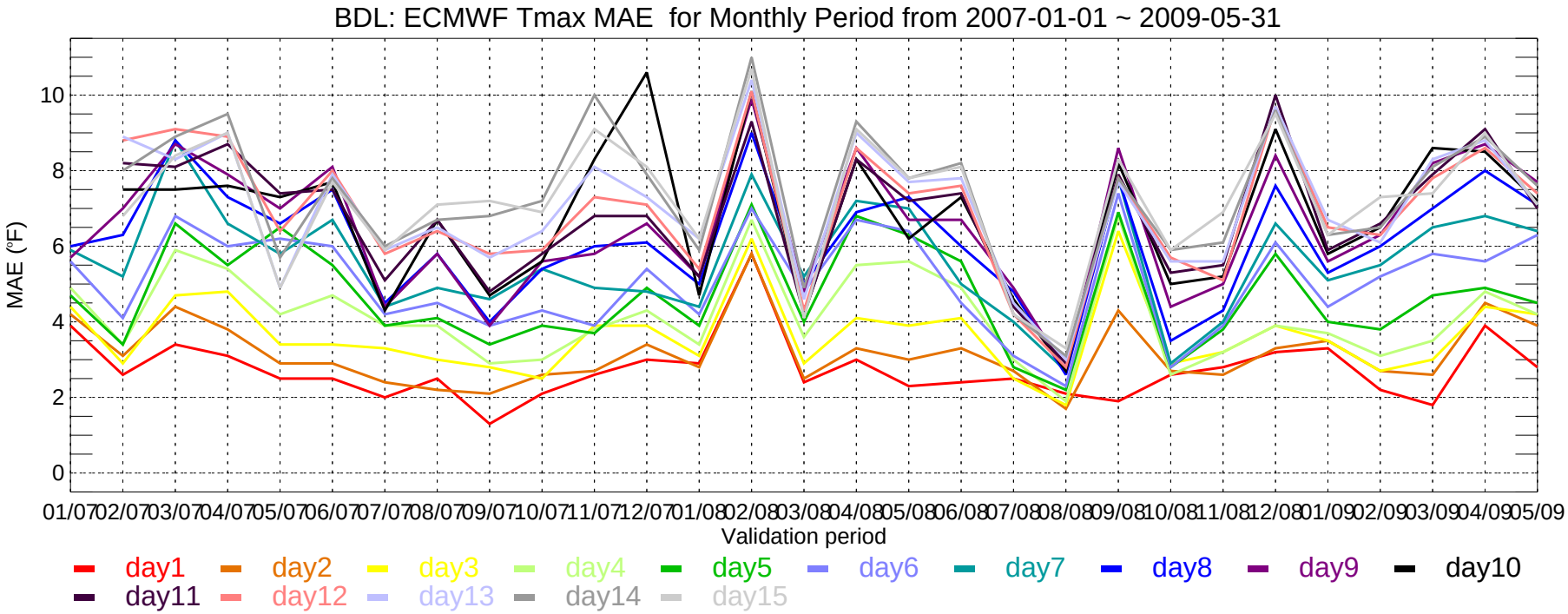
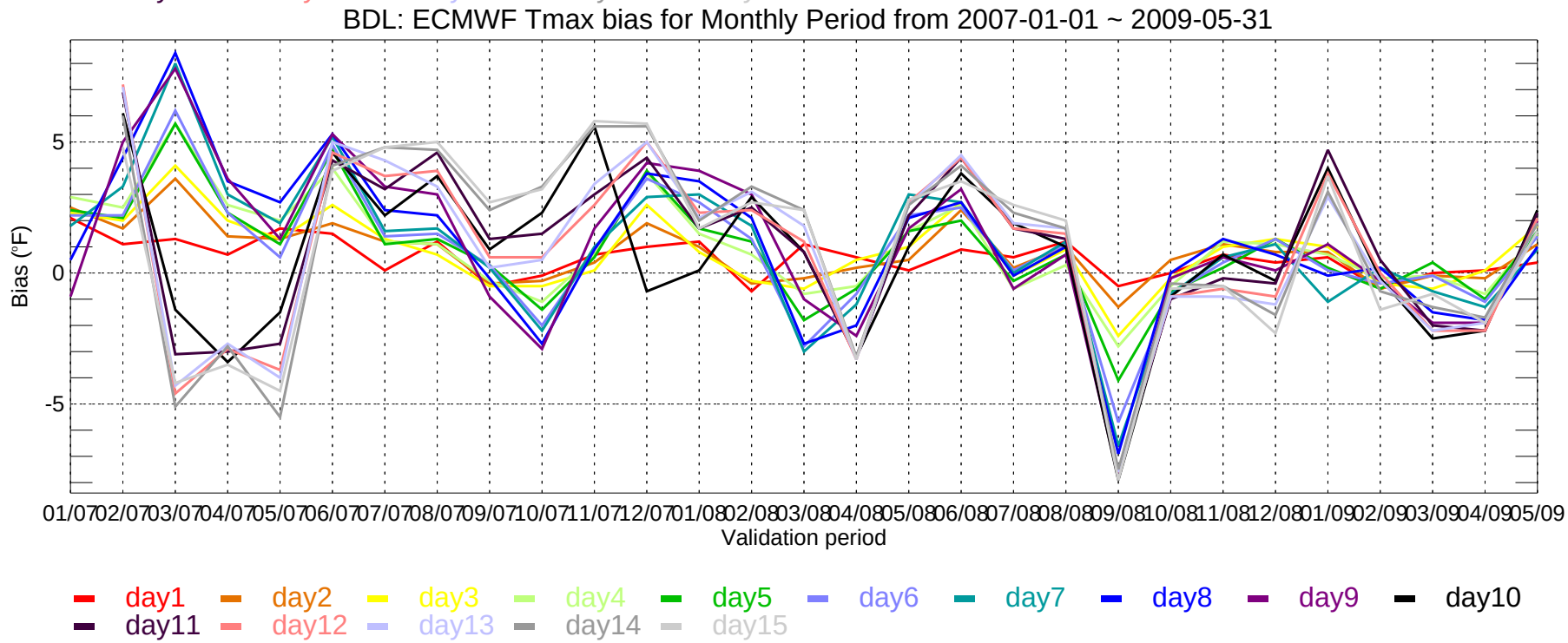
day11 day12 day13 day14 day15

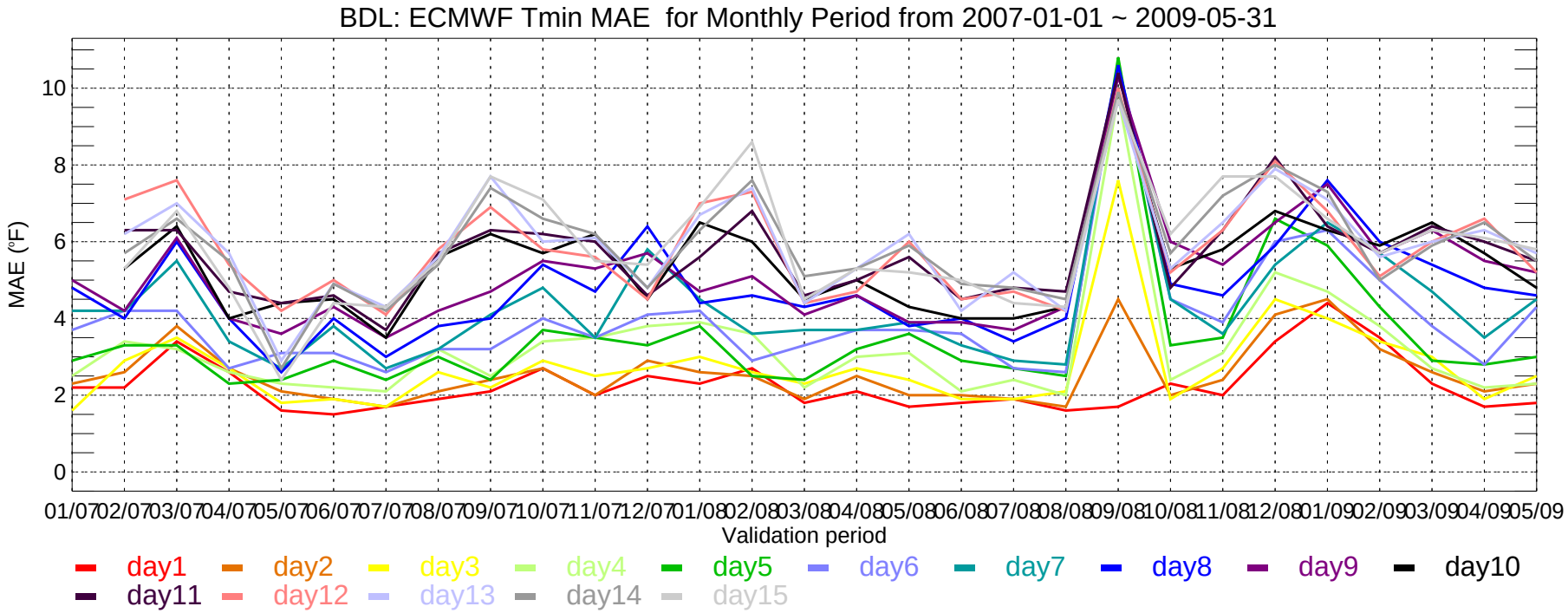

AVP: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

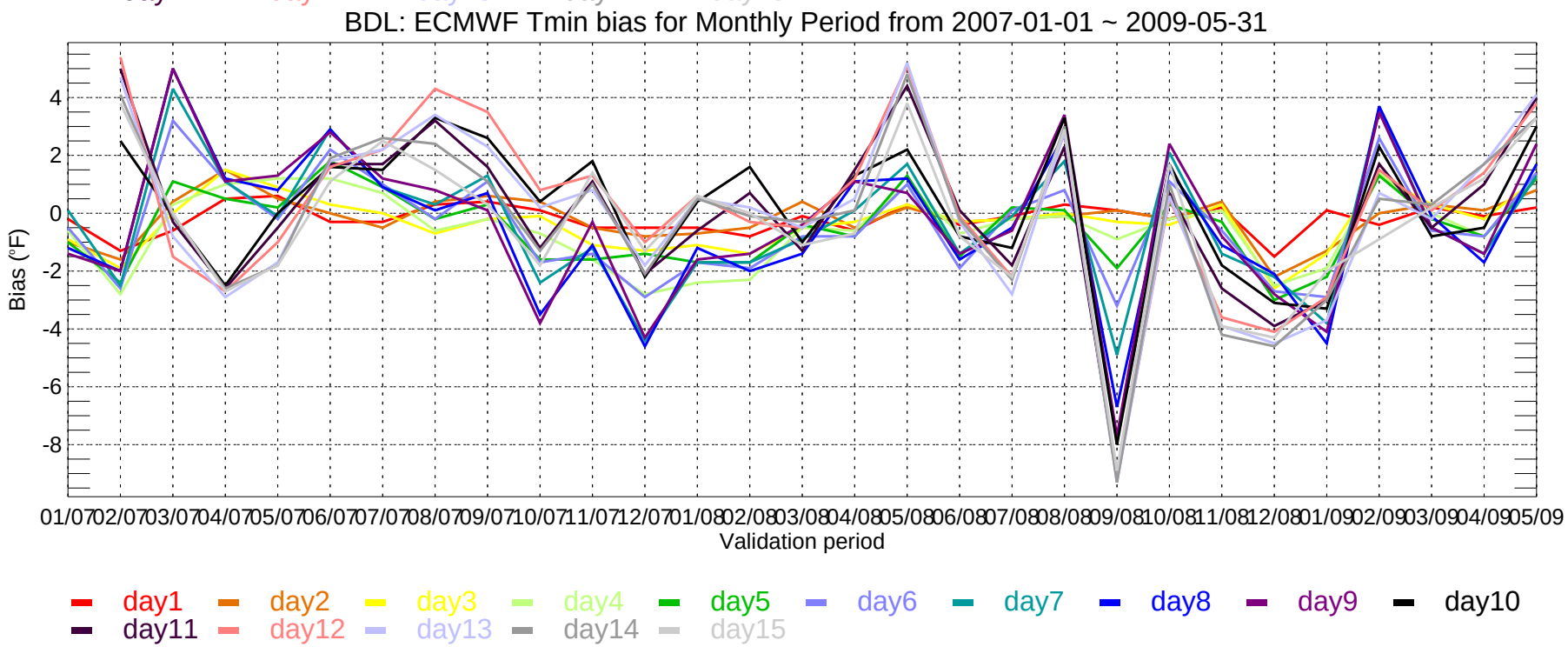

AVP: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

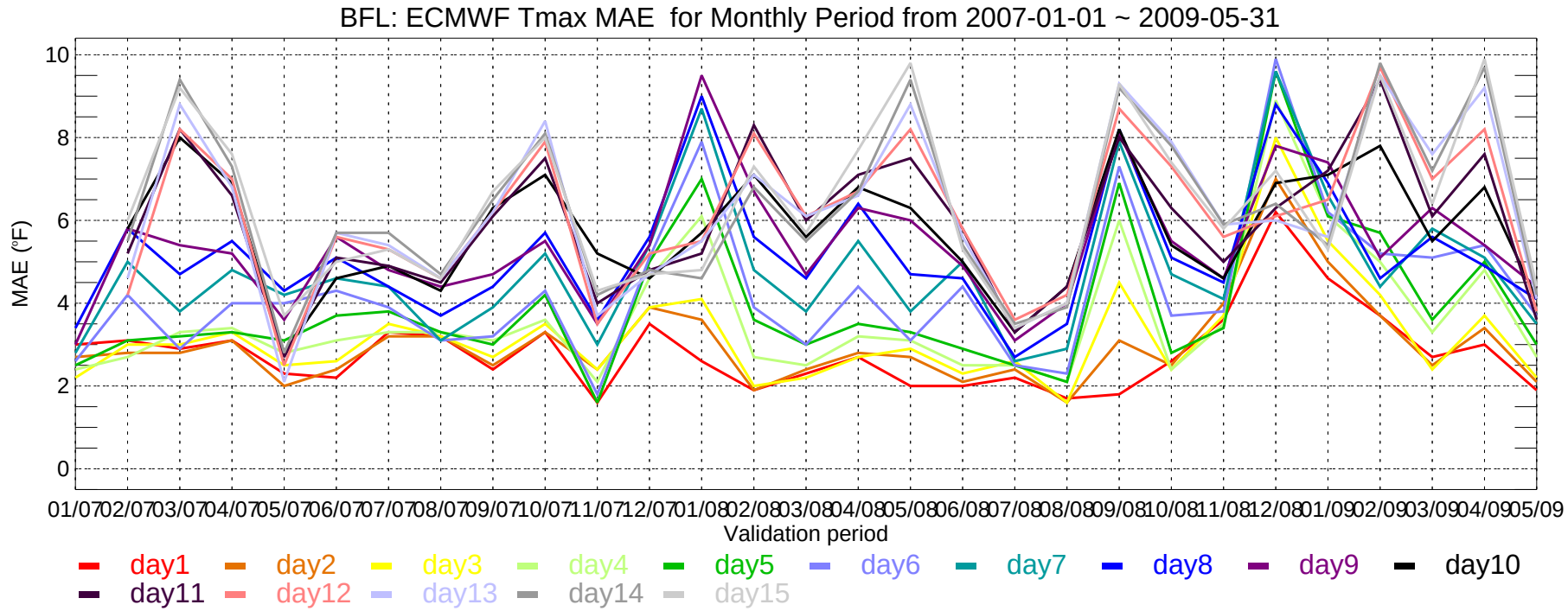

AVP: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

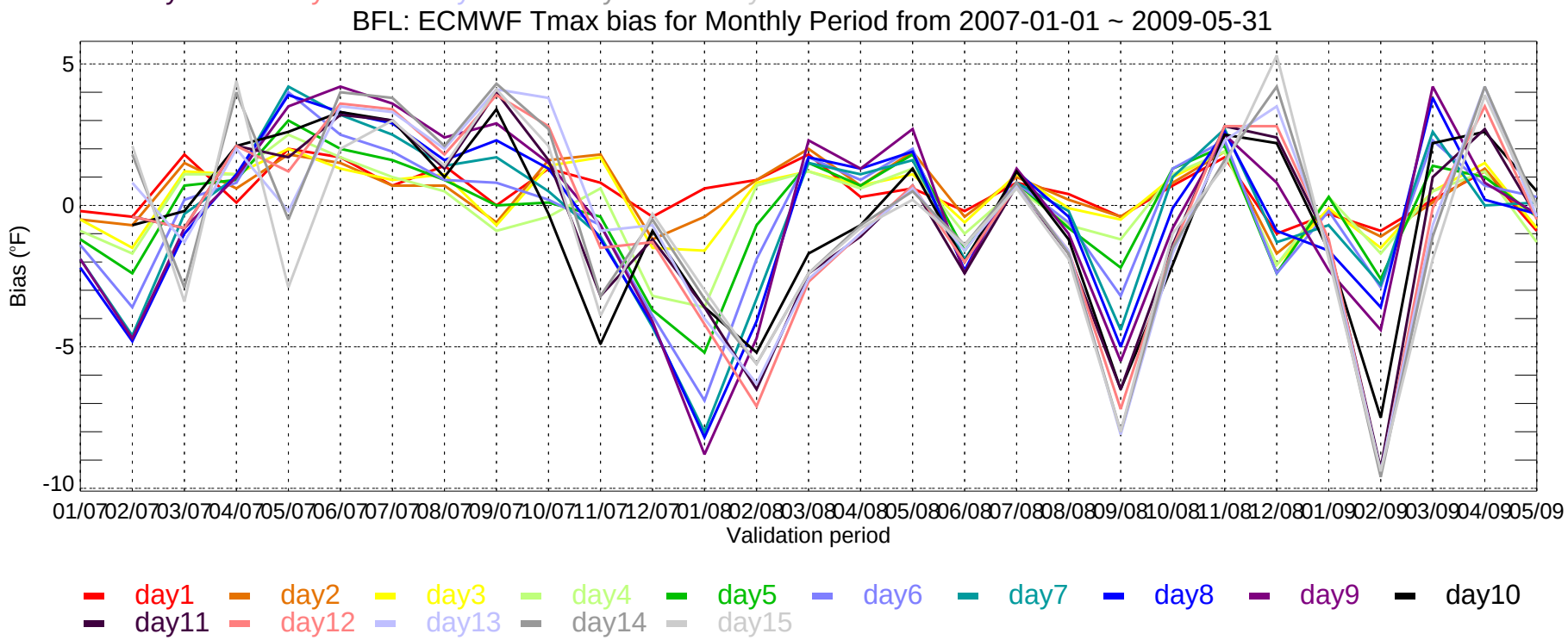

BDL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BDL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BDL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BDL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BFL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BFL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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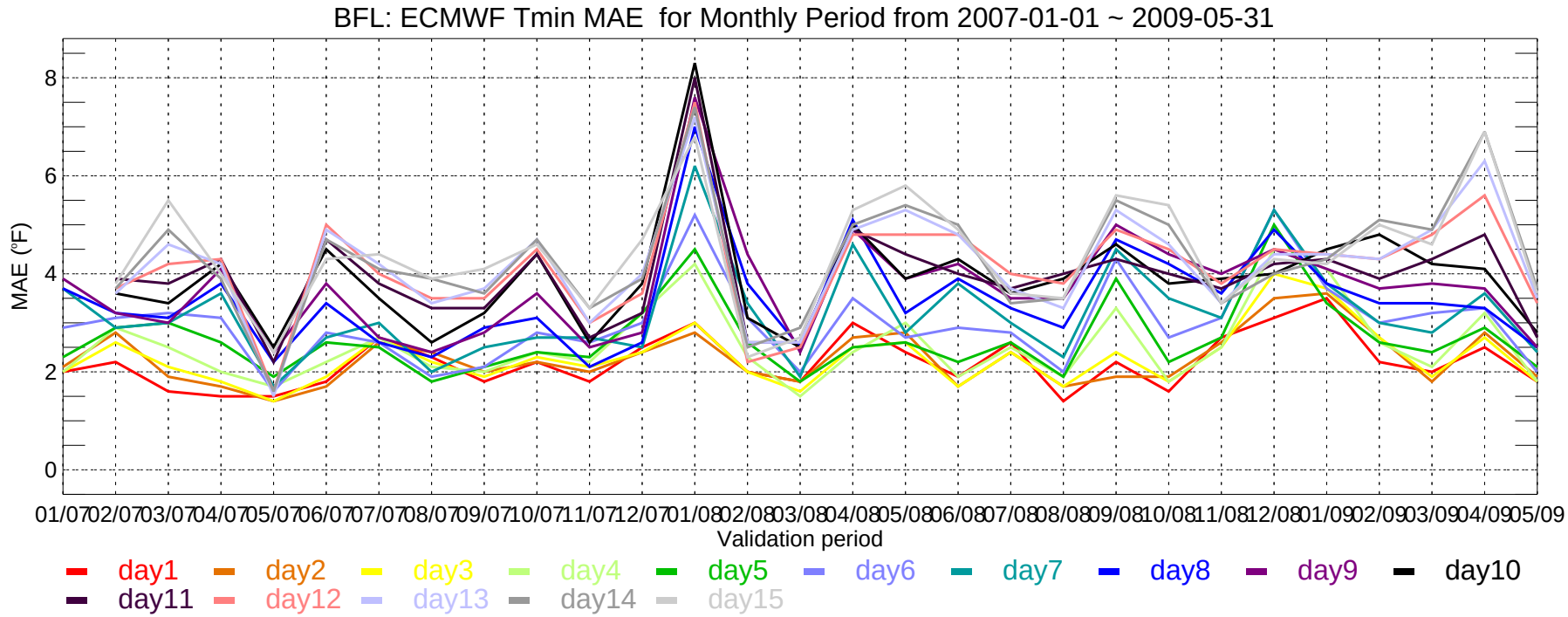
day11 day12 day13 day14 day15


BFL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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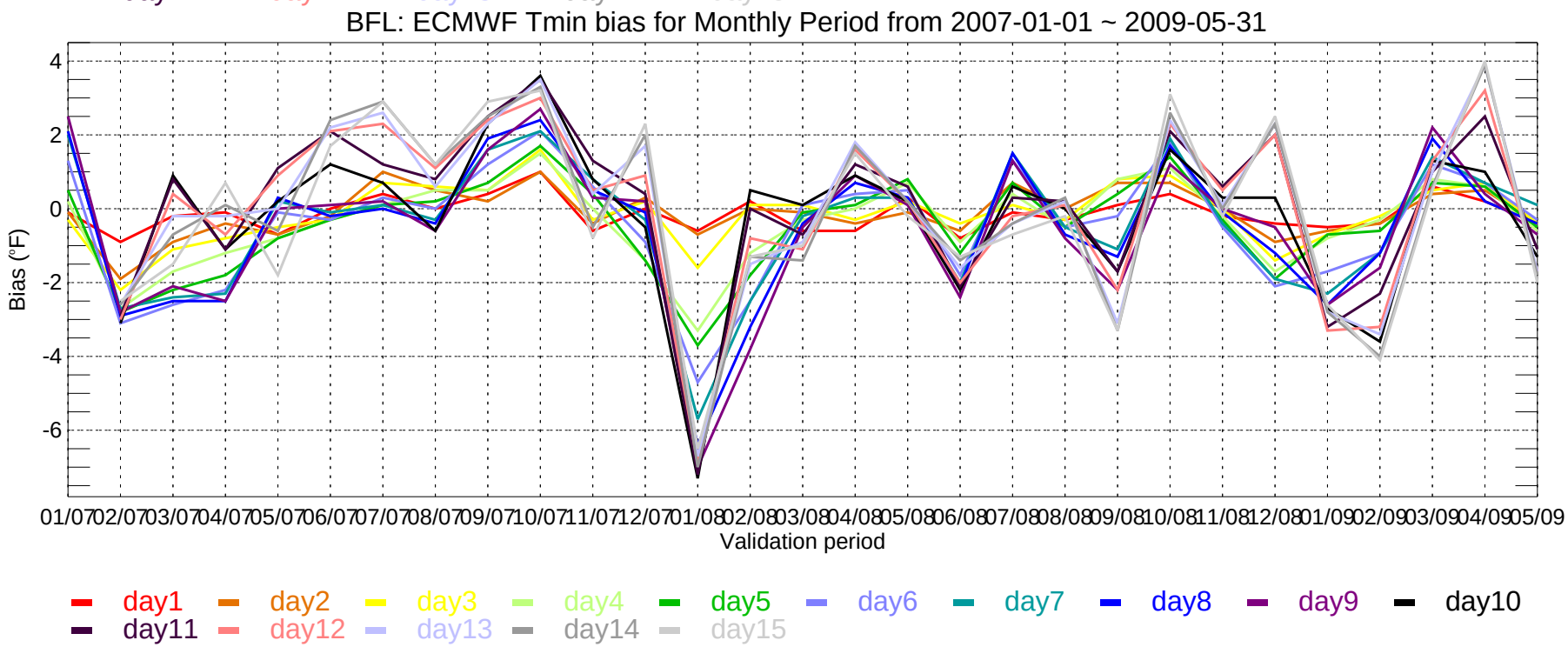
BFL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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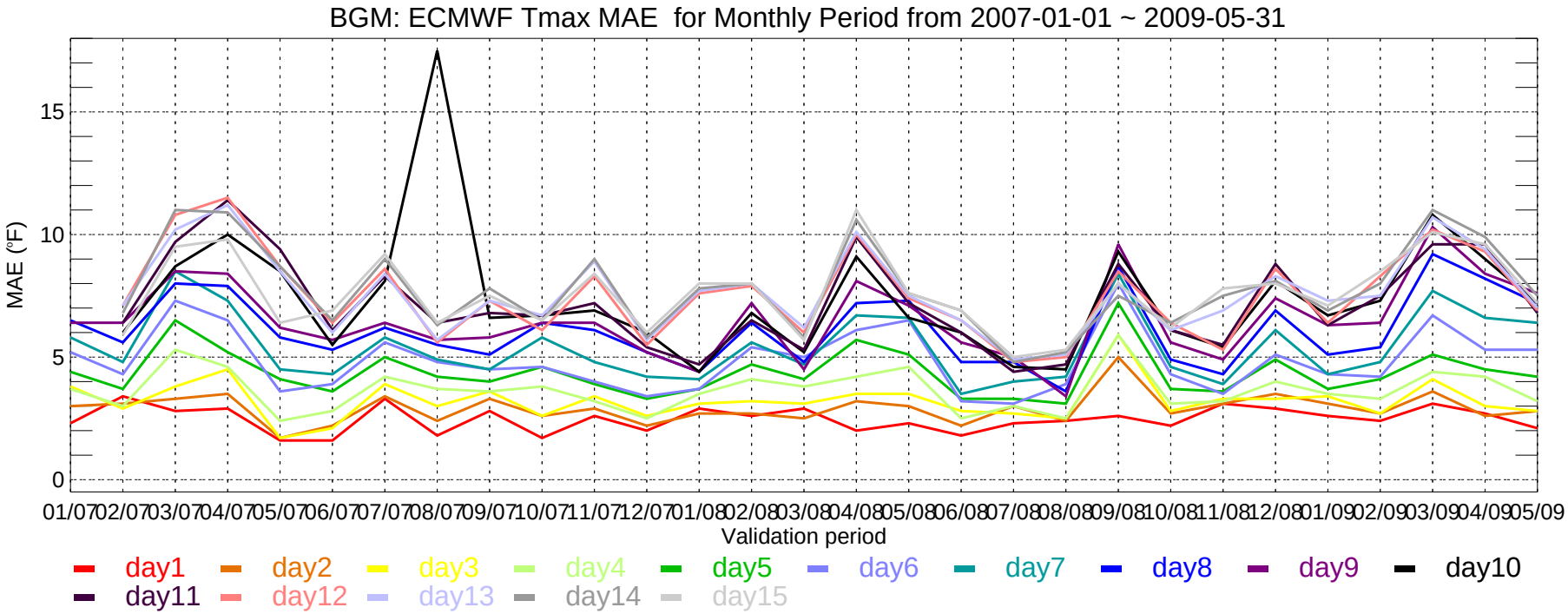
day11 day12 day13 day14 day15


BGM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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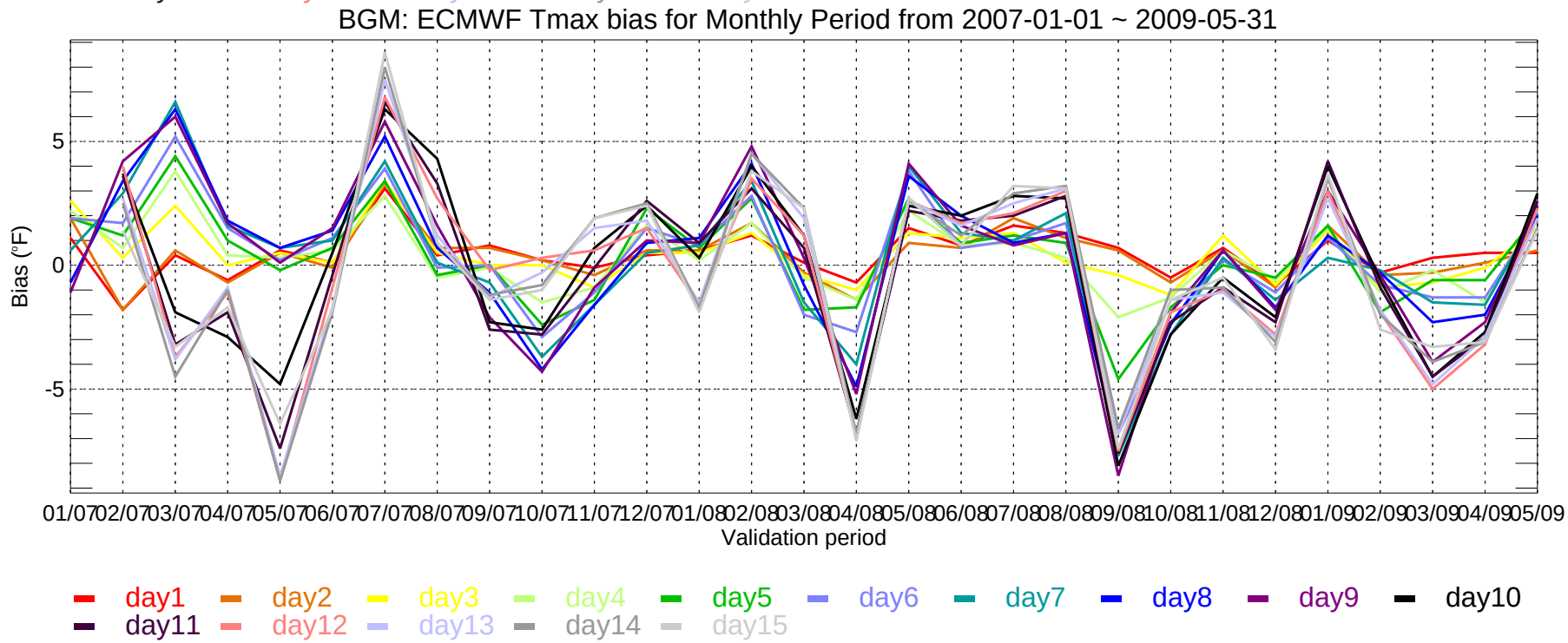
day11 day12 day13 day14 day15


BGM: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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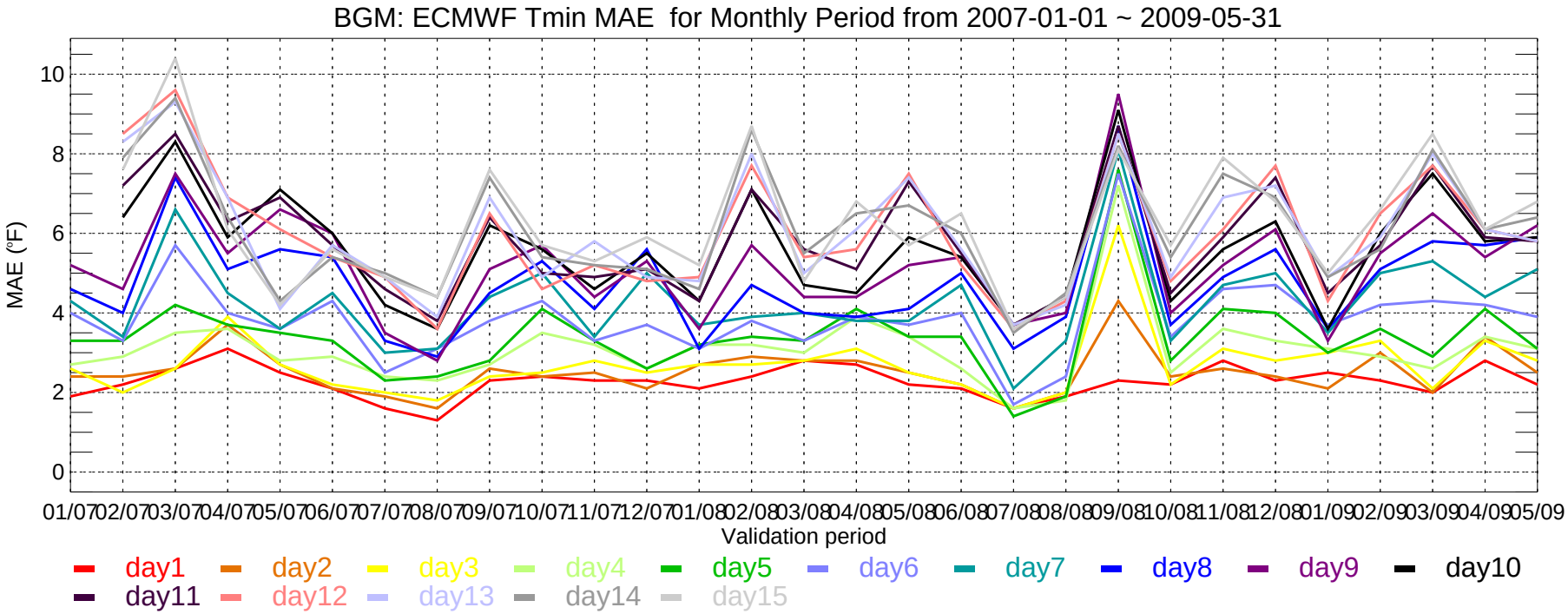
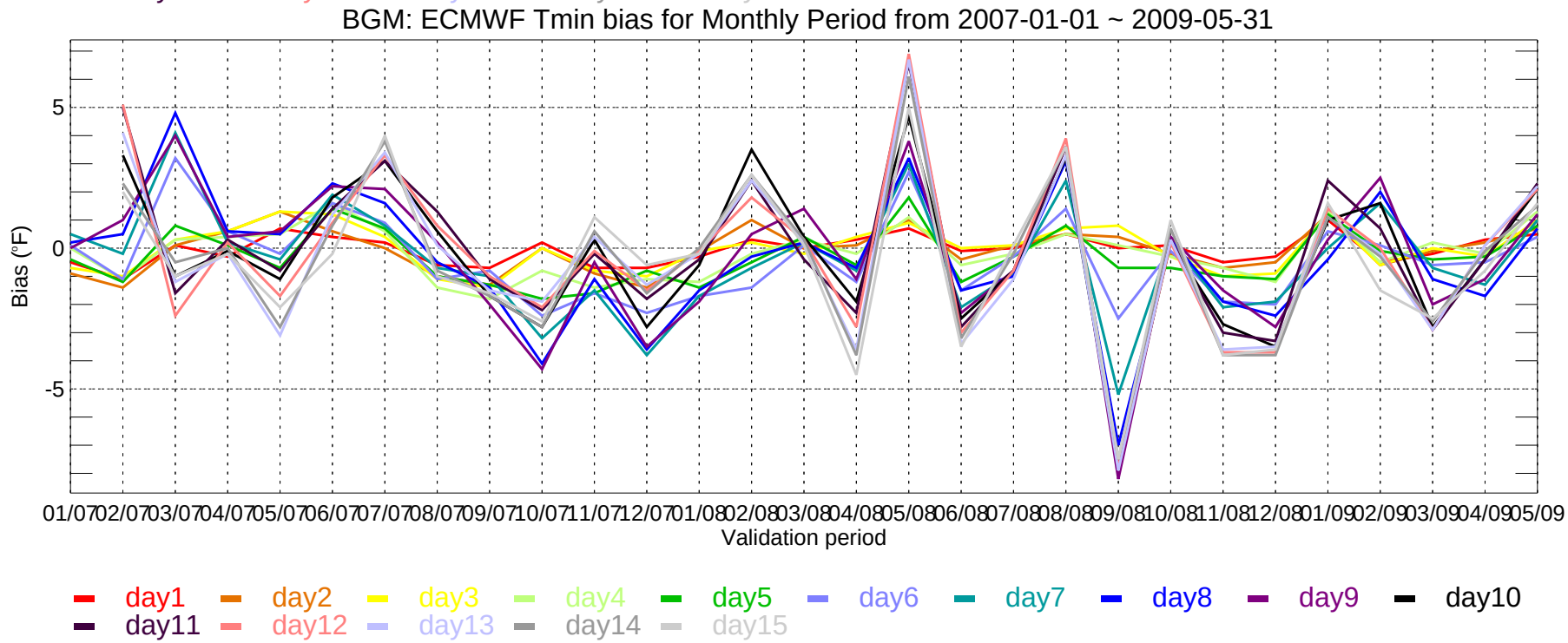
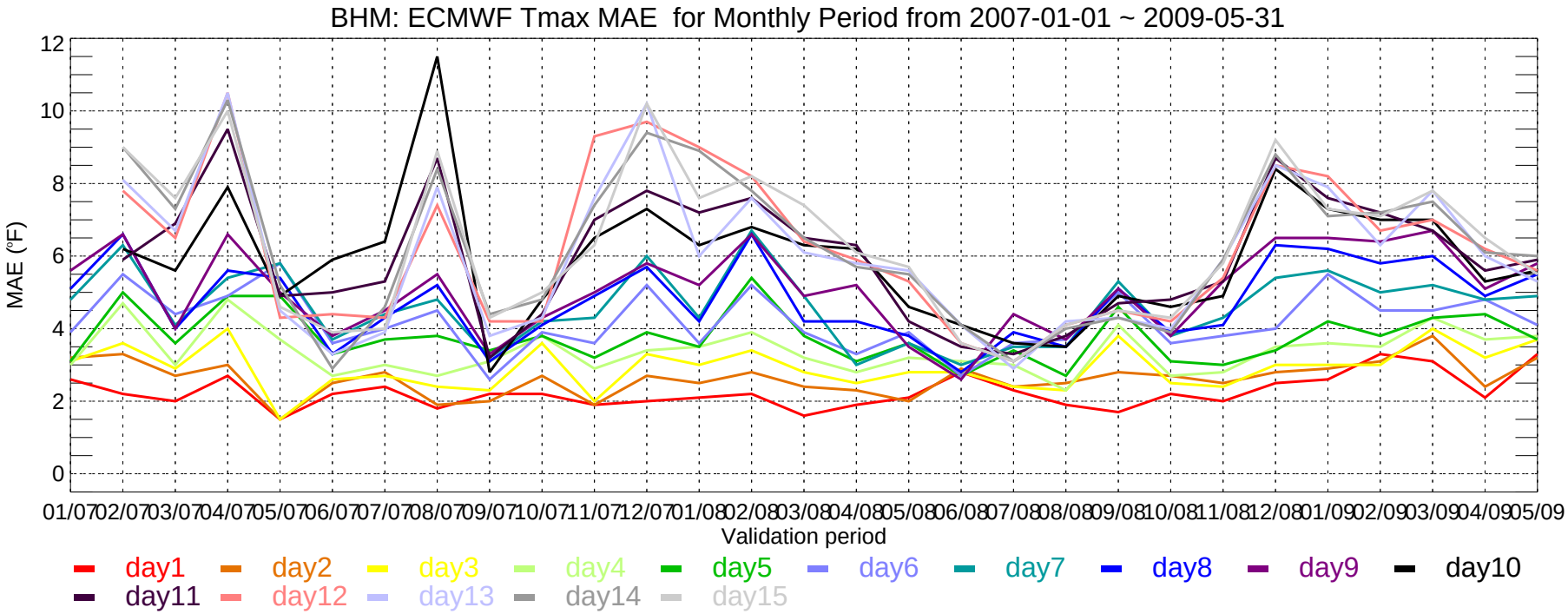
day11 day12 day13 day14 day15


BGM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BGM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BHM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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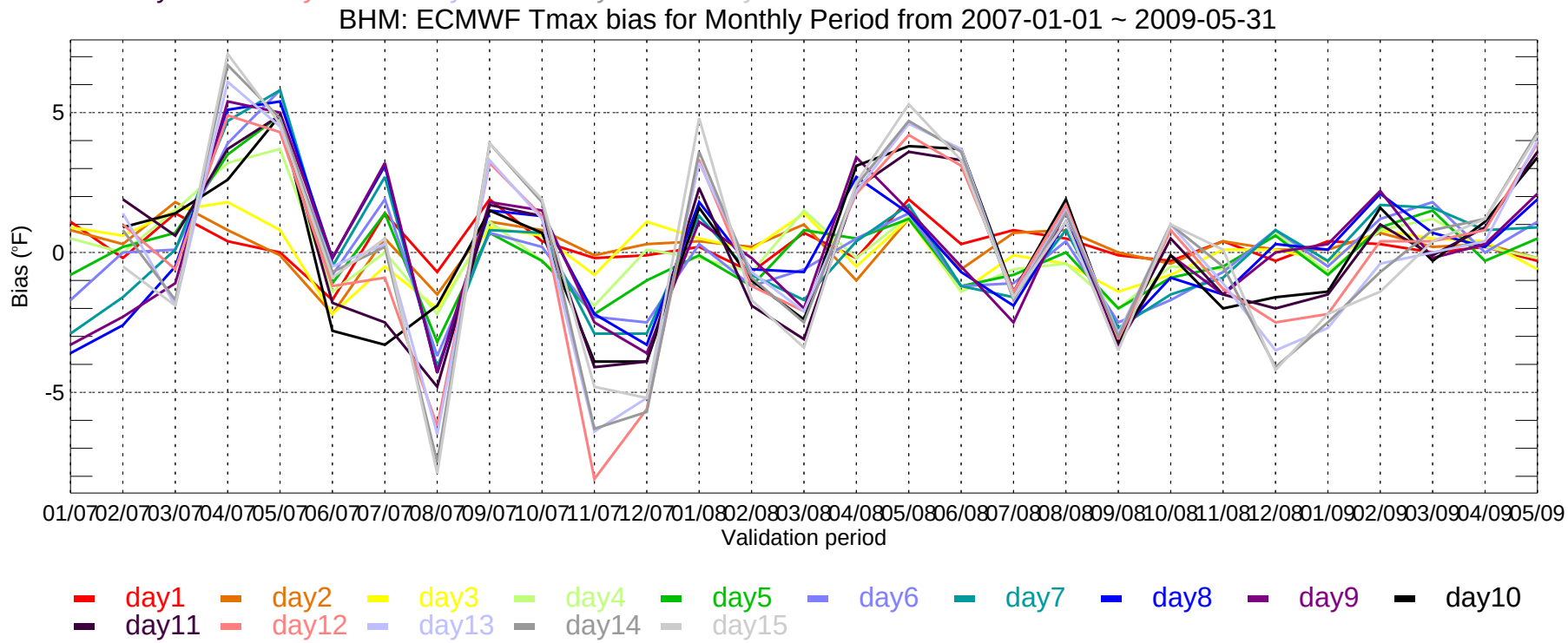
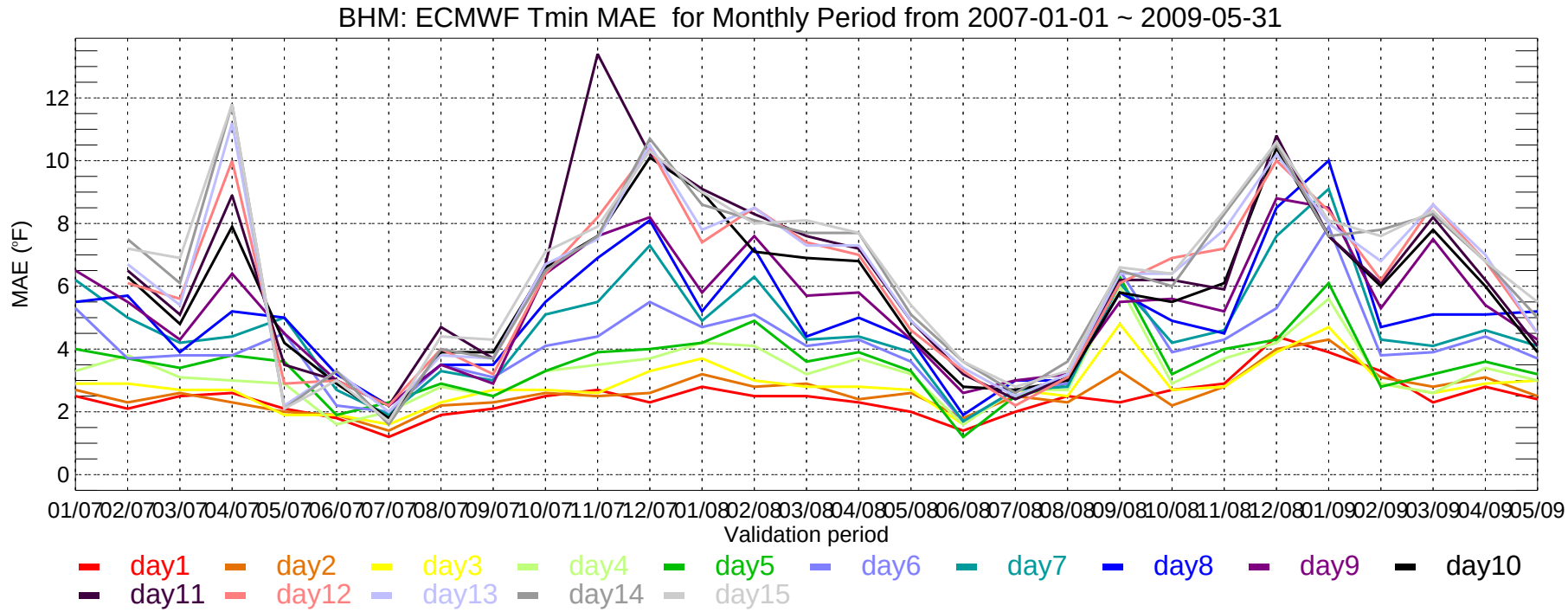
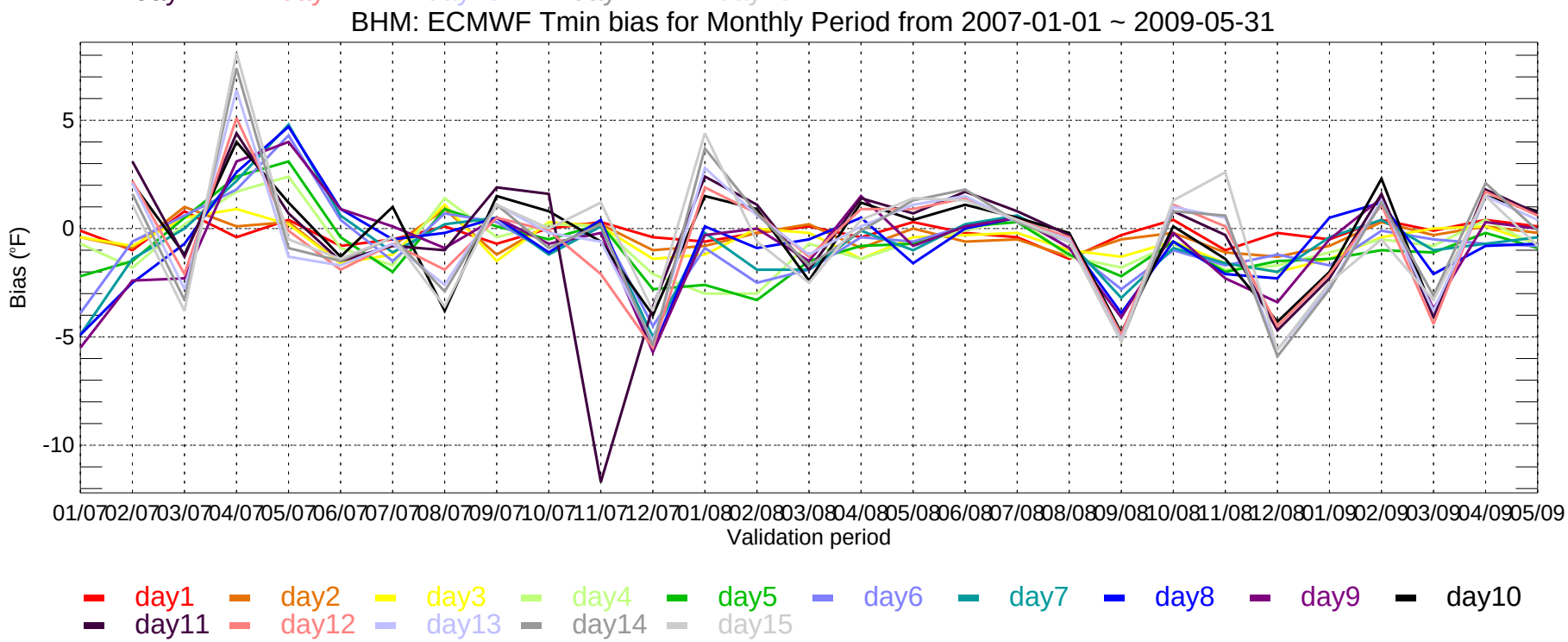
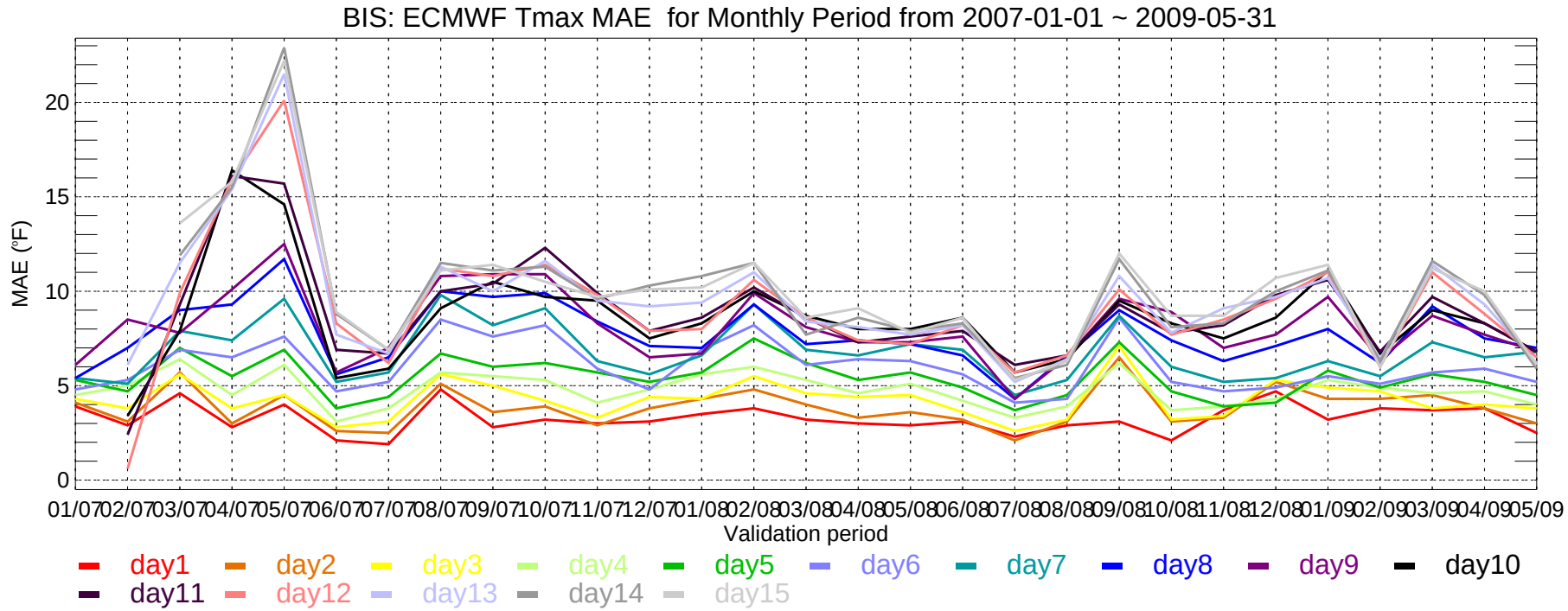
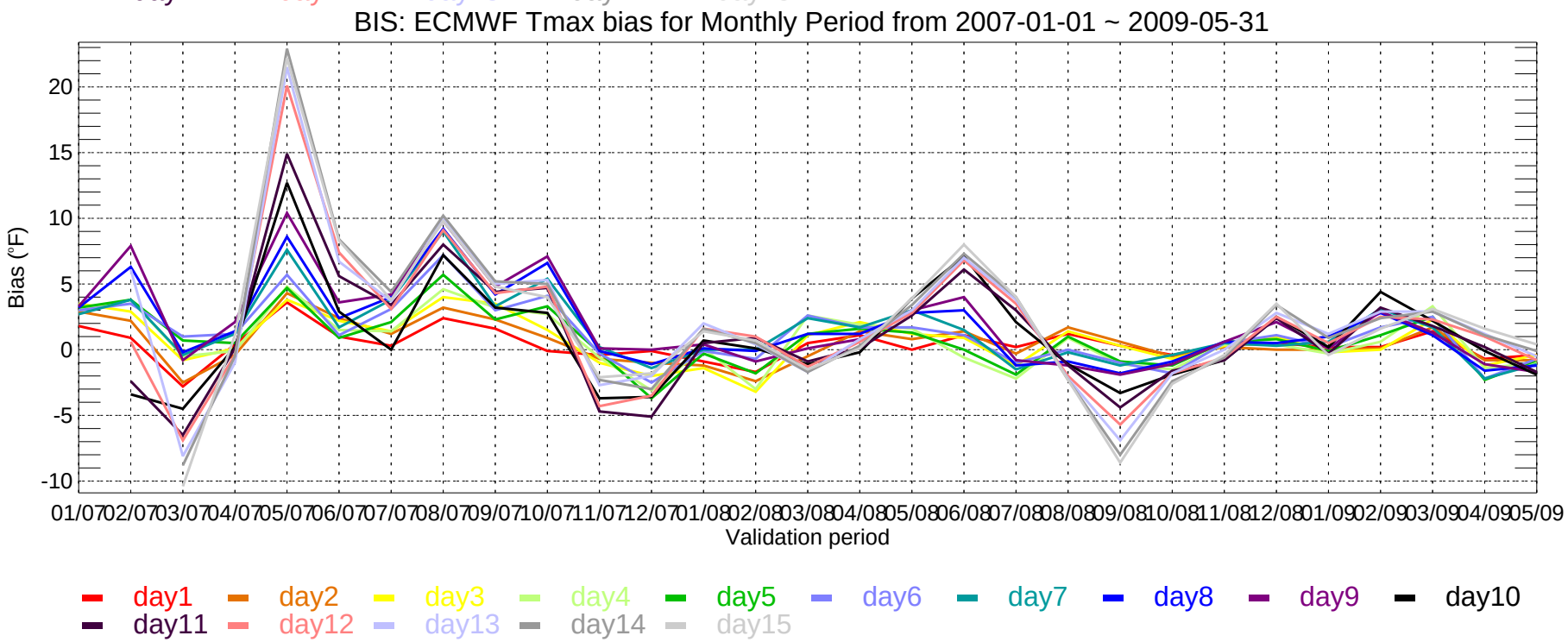
day11 day12 day13 day14 day15

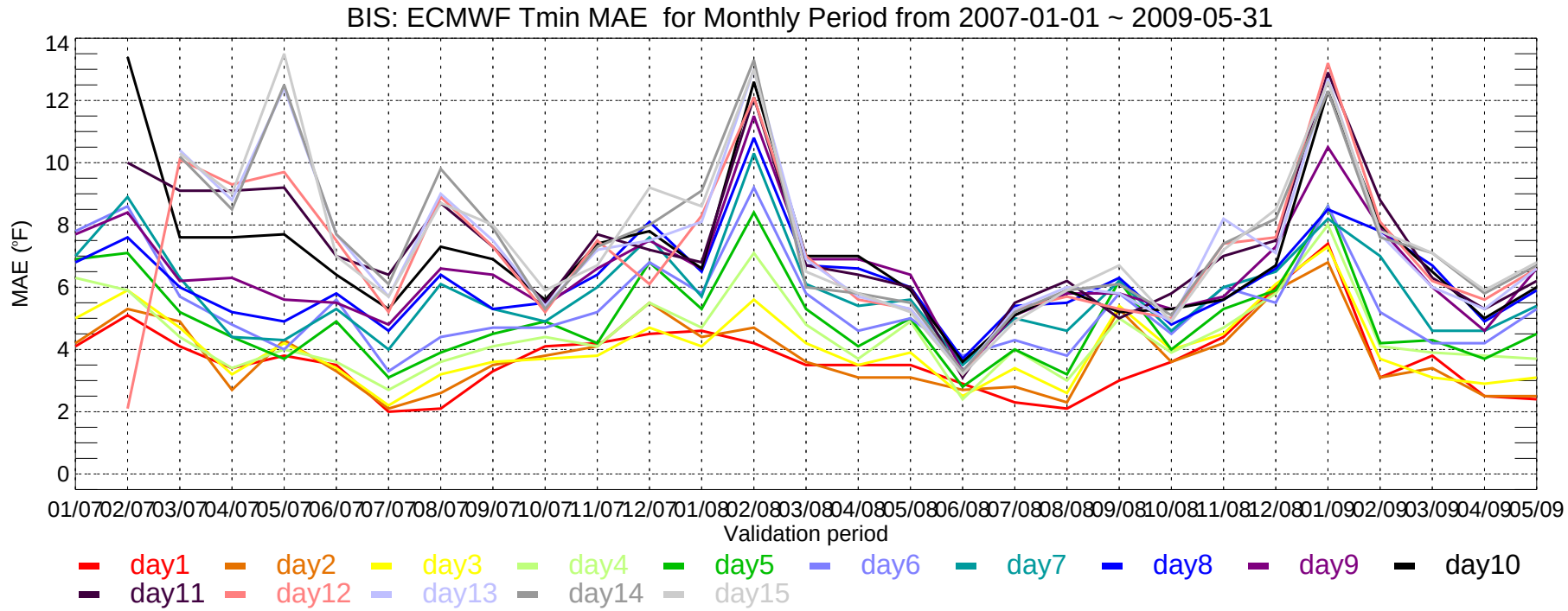

BHM: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

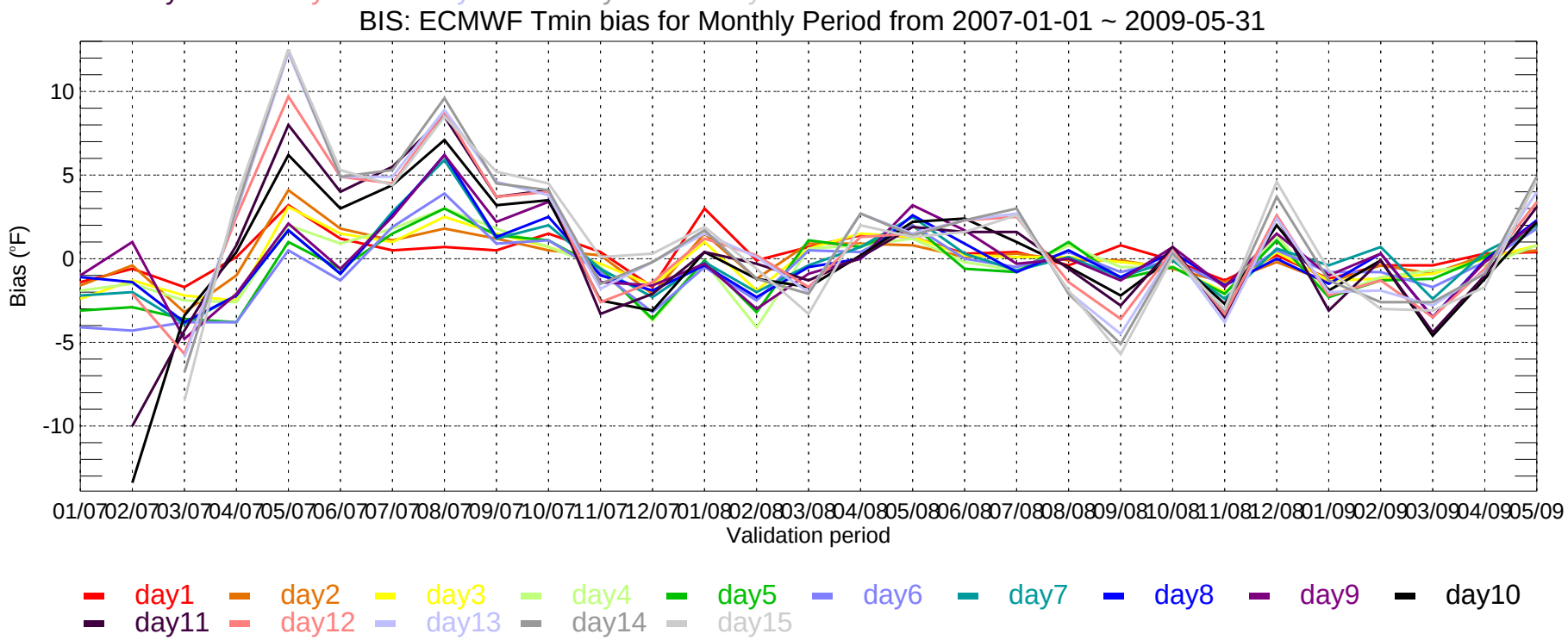

BHM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

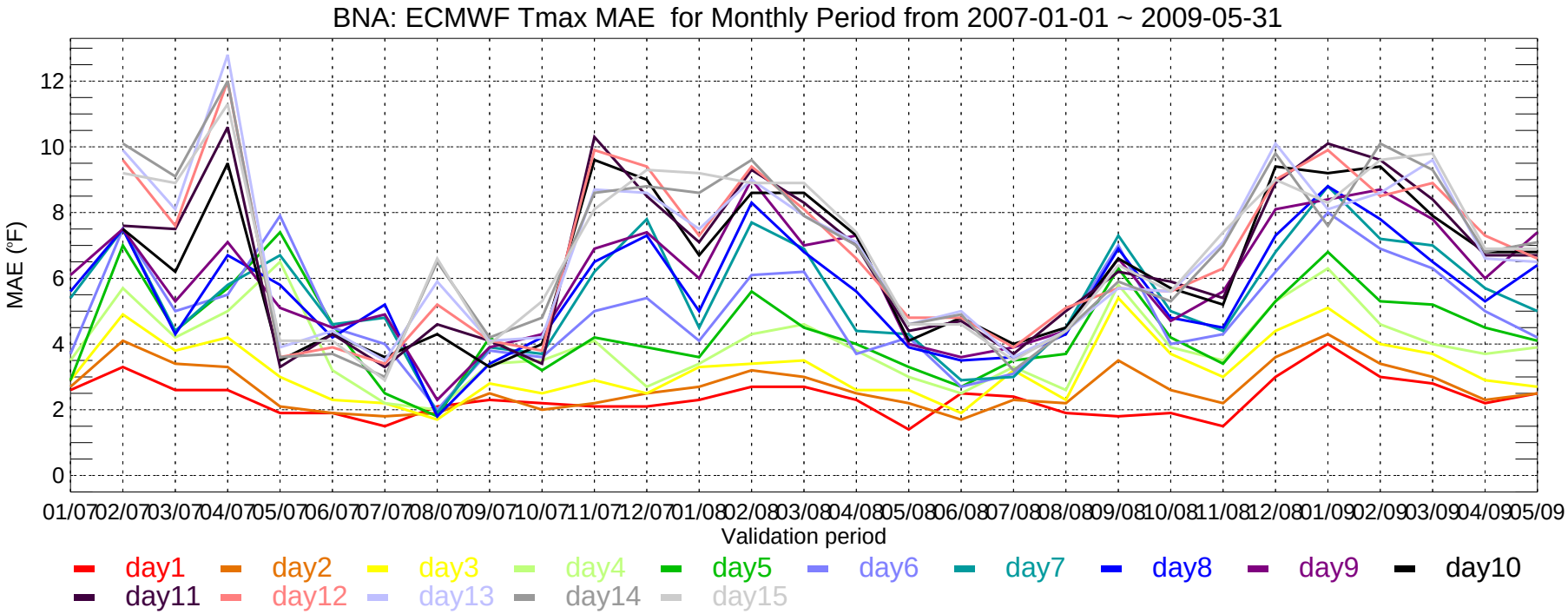

BHM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

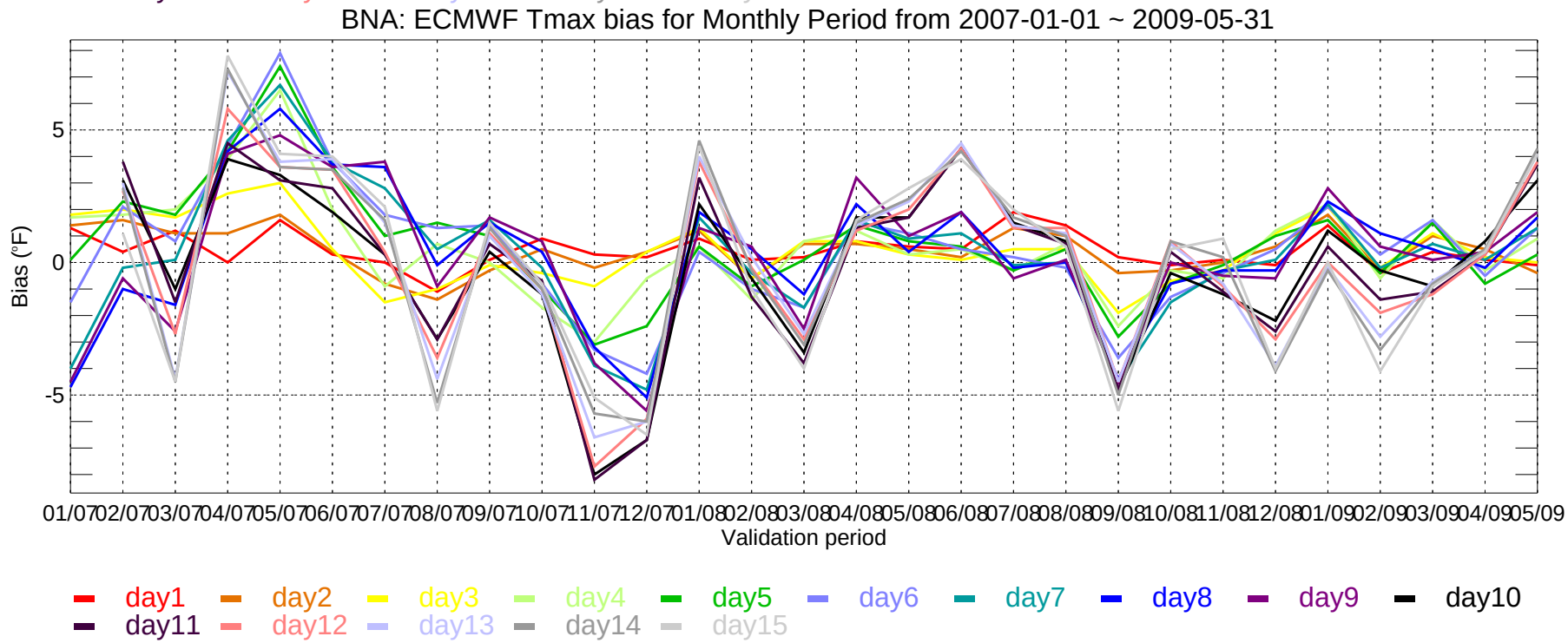

BIS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

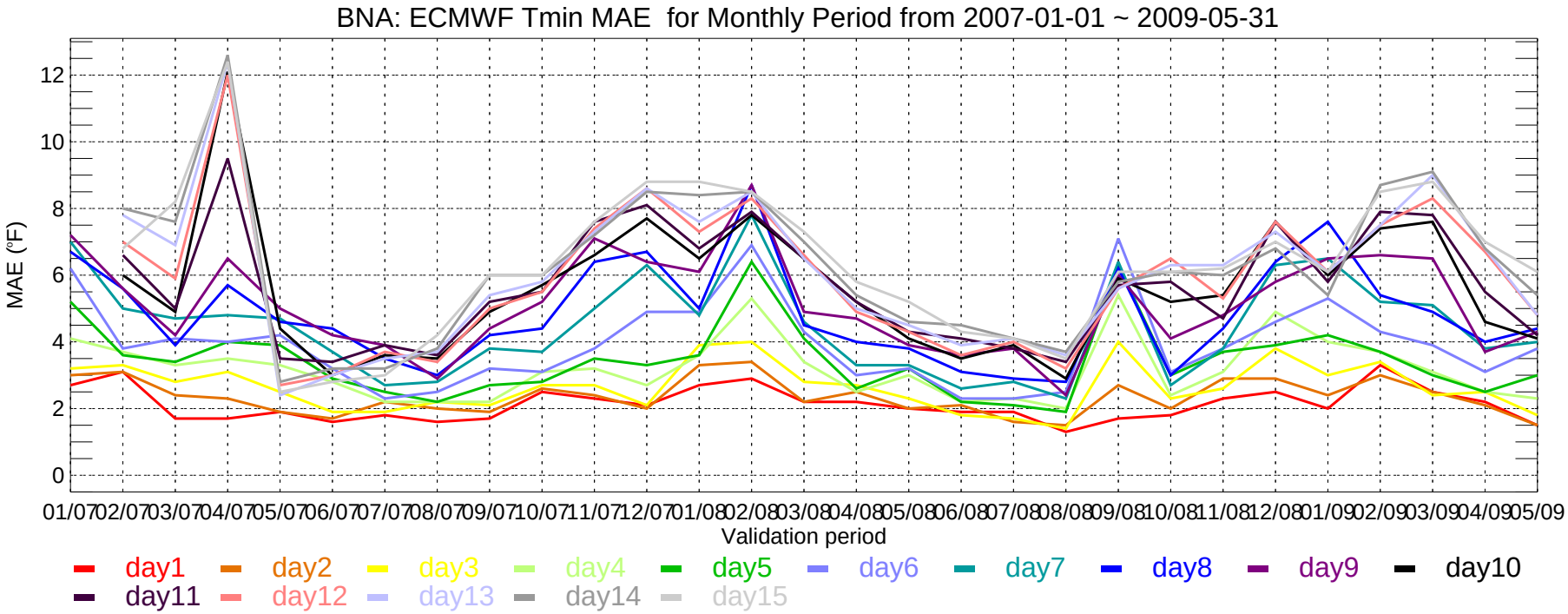

BIS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

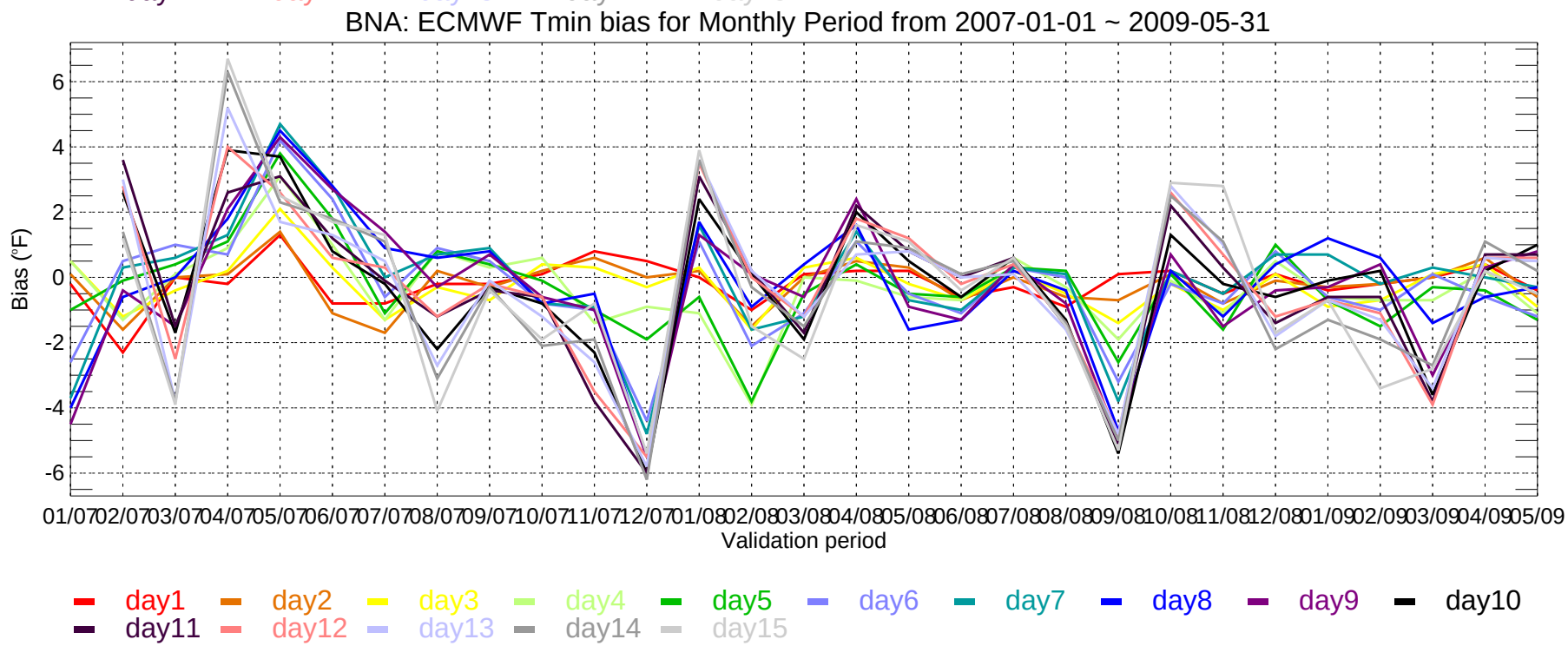

BIS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

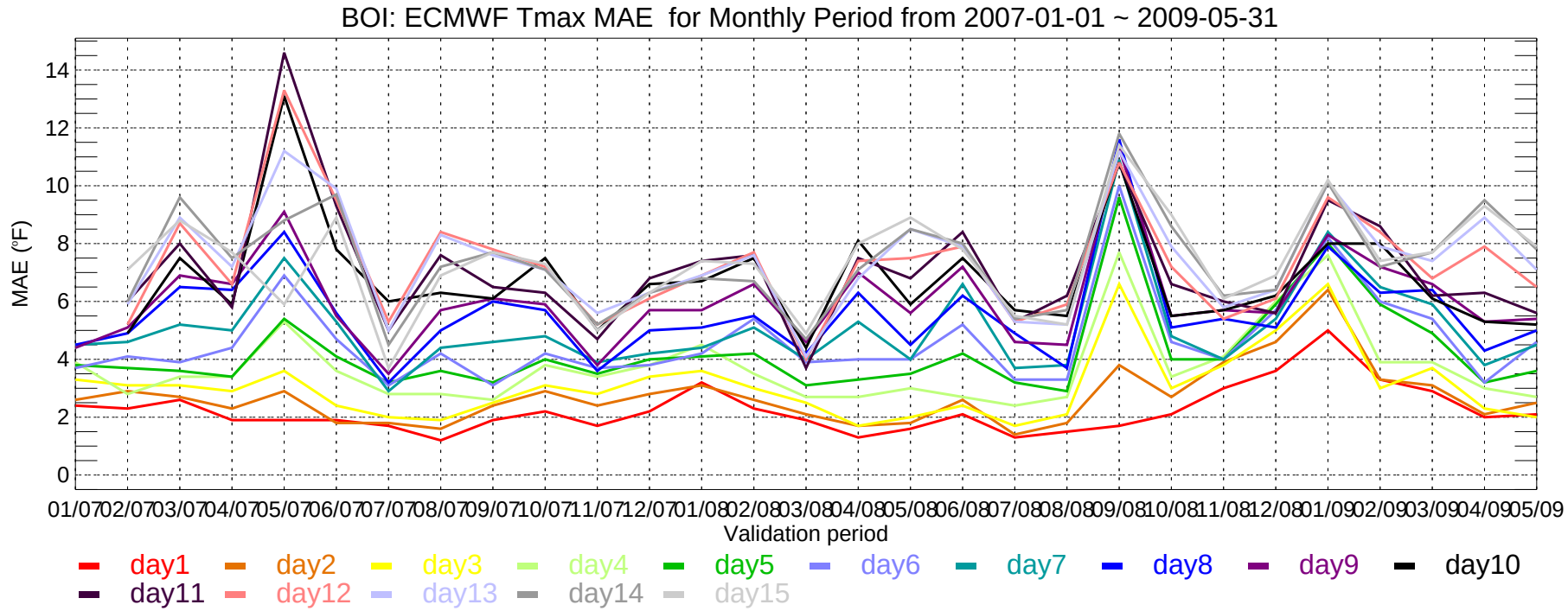

BIS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

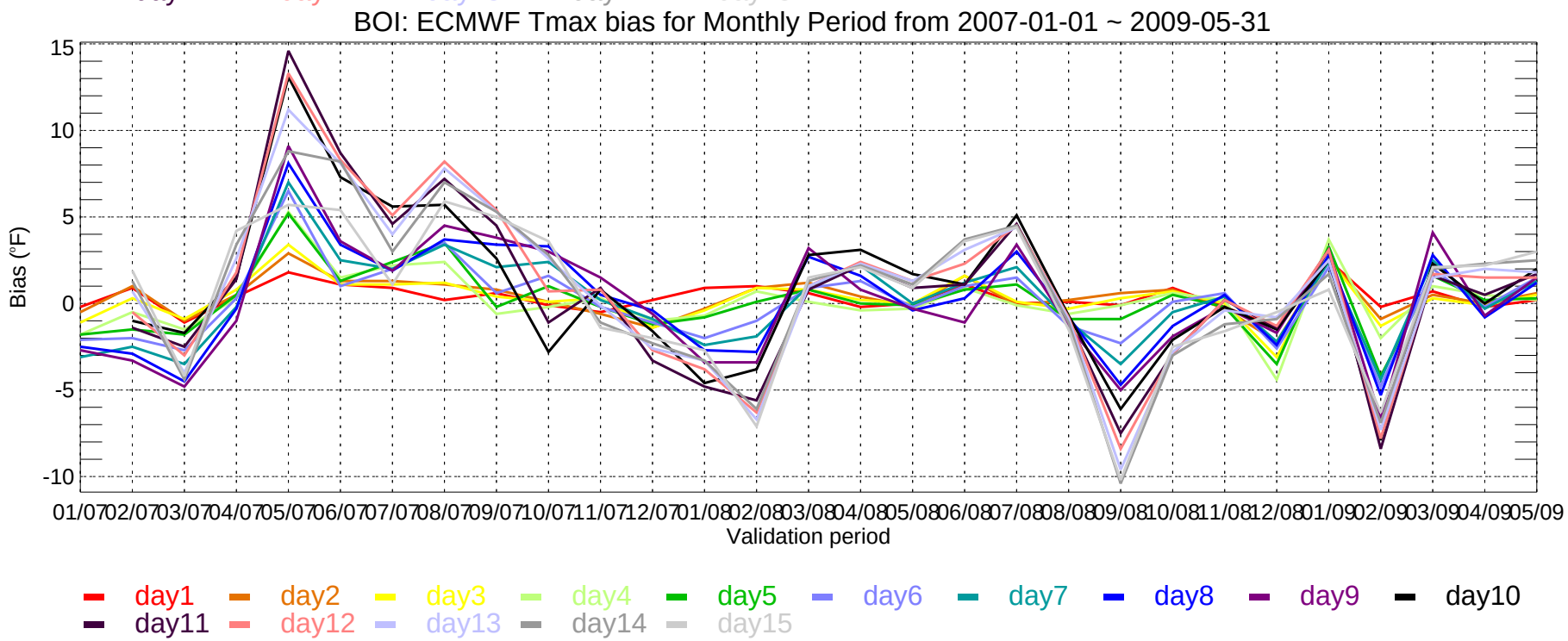

BNA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

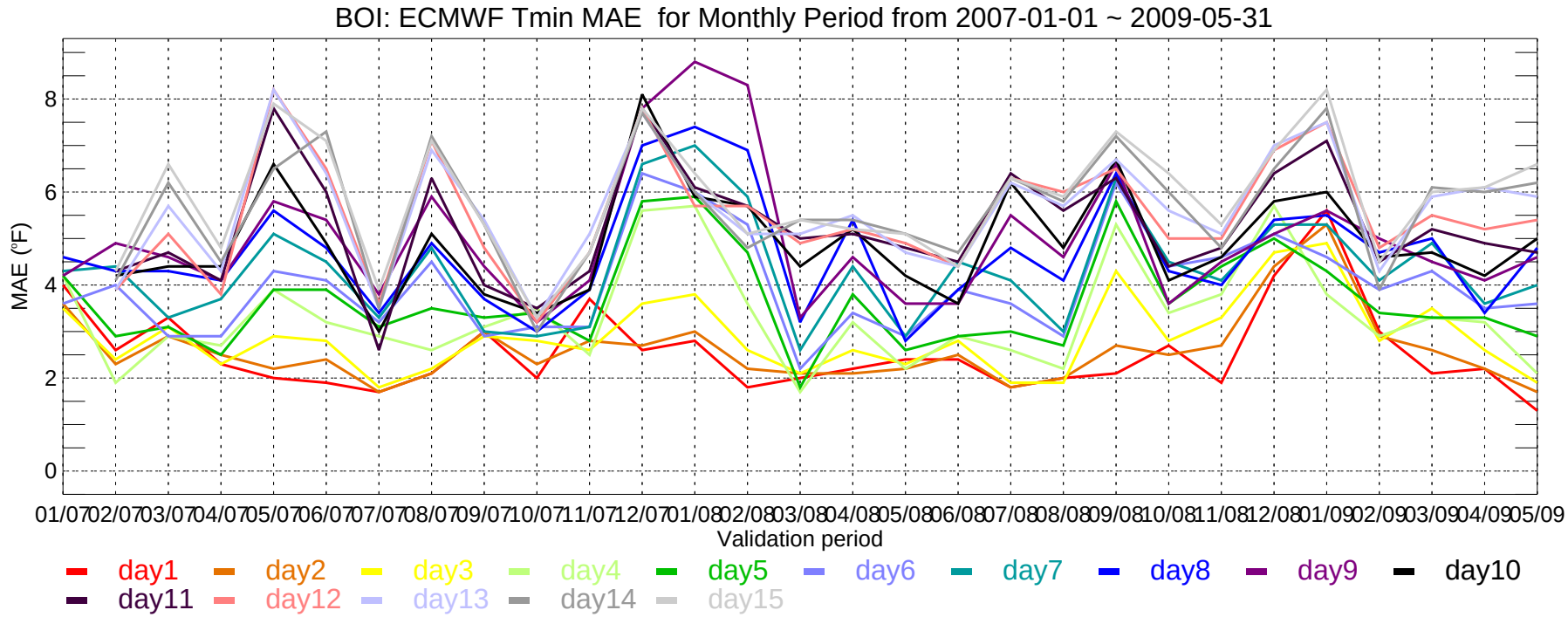

BNA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

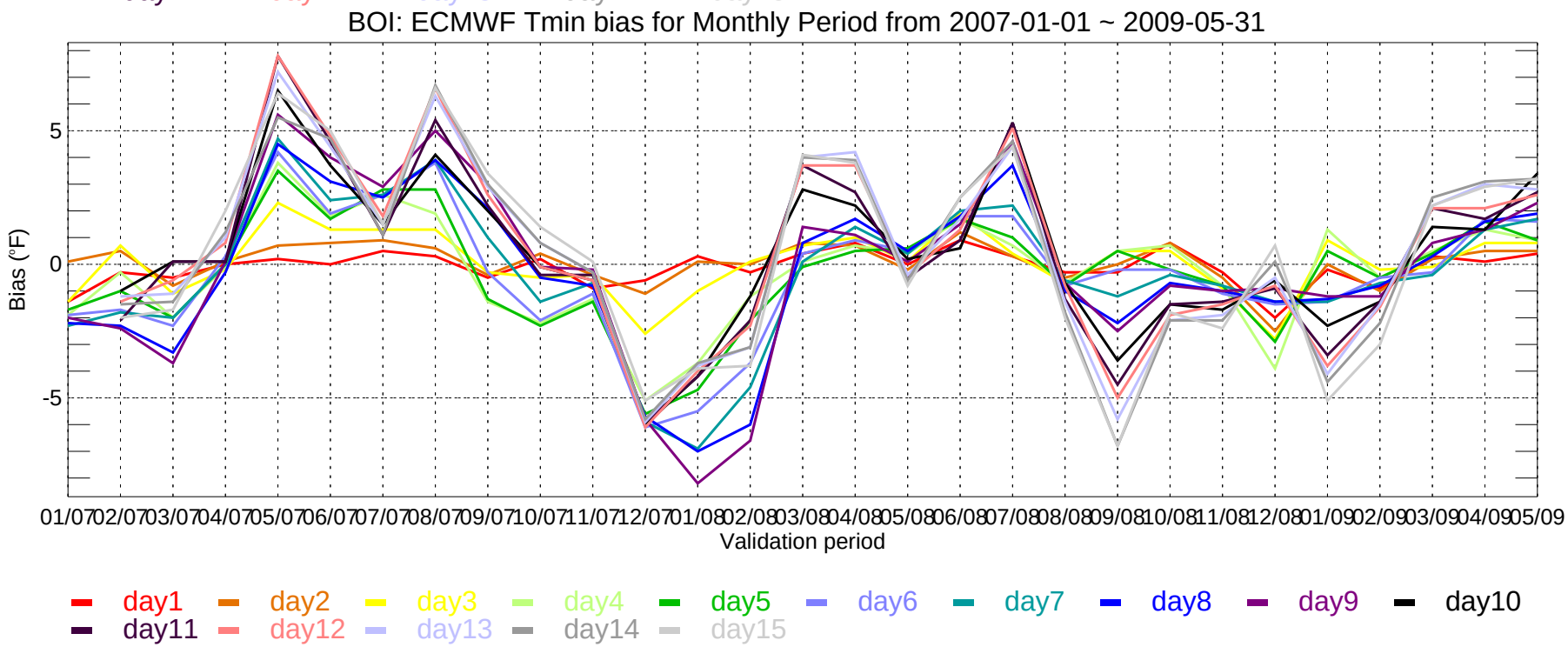

BNA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

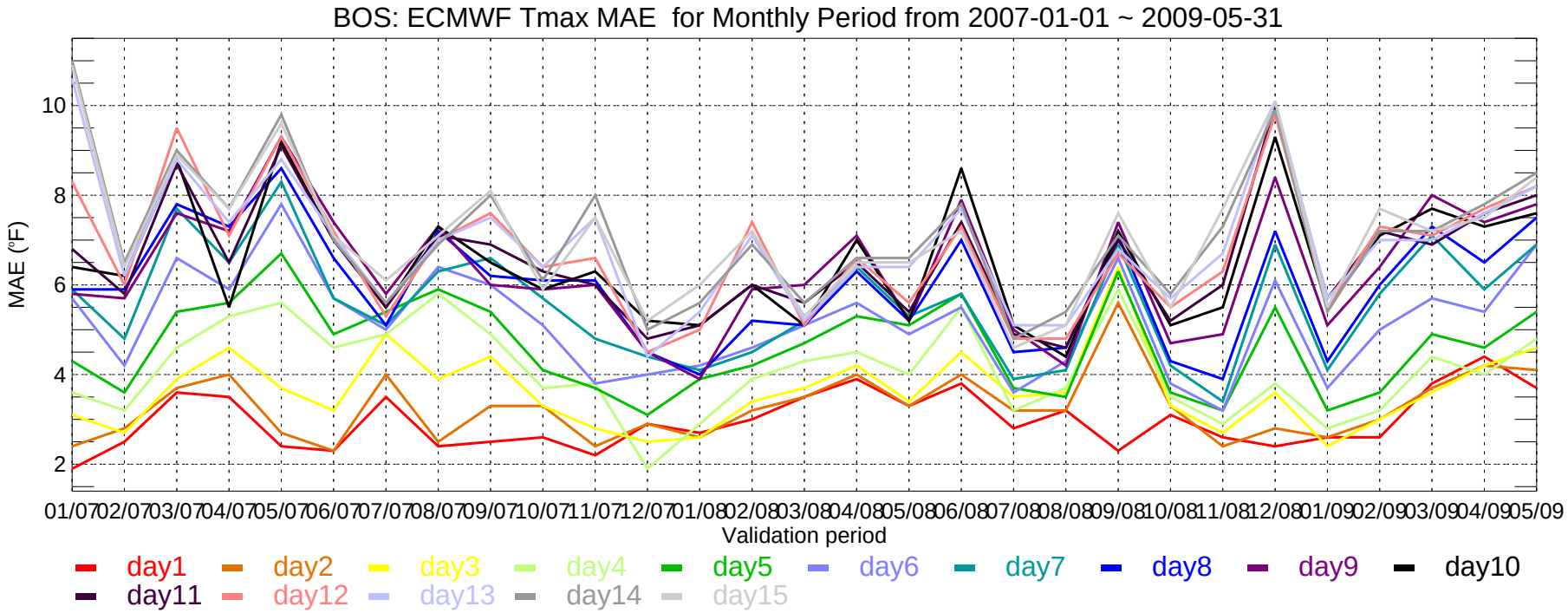

BNA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

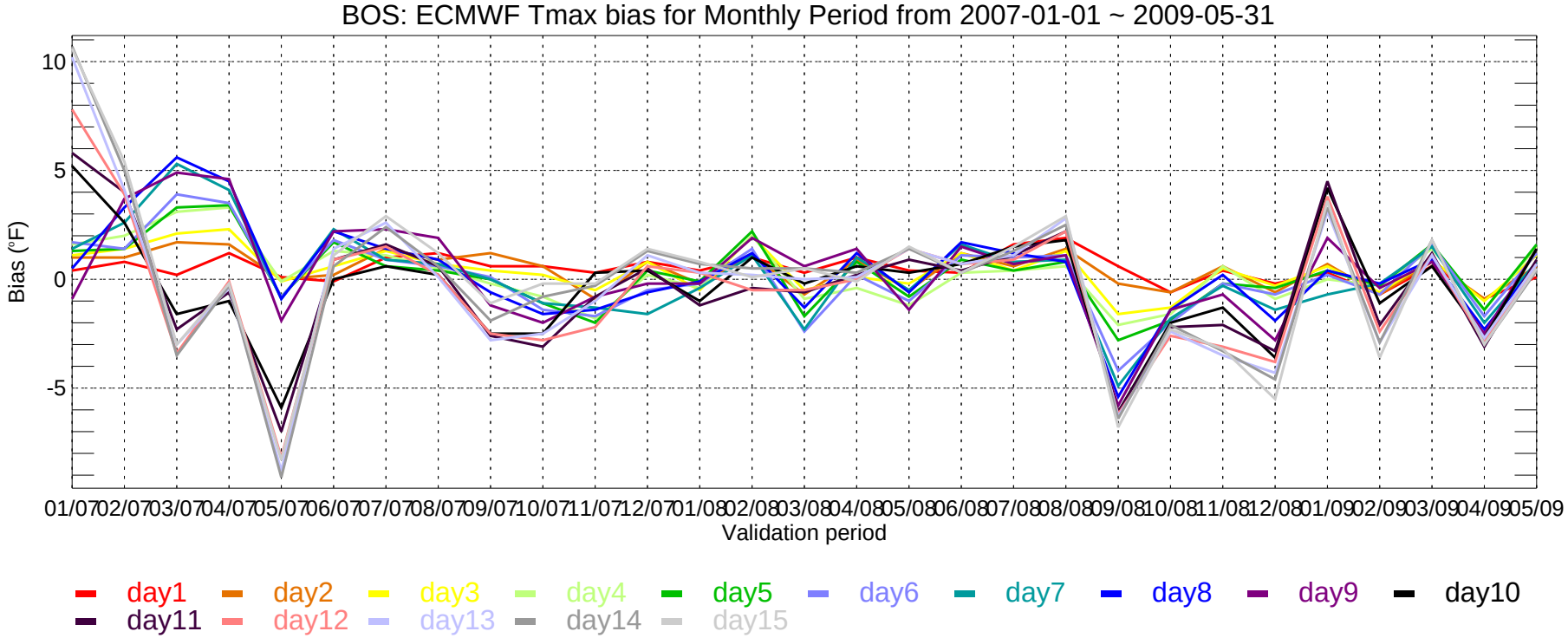

BOI: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

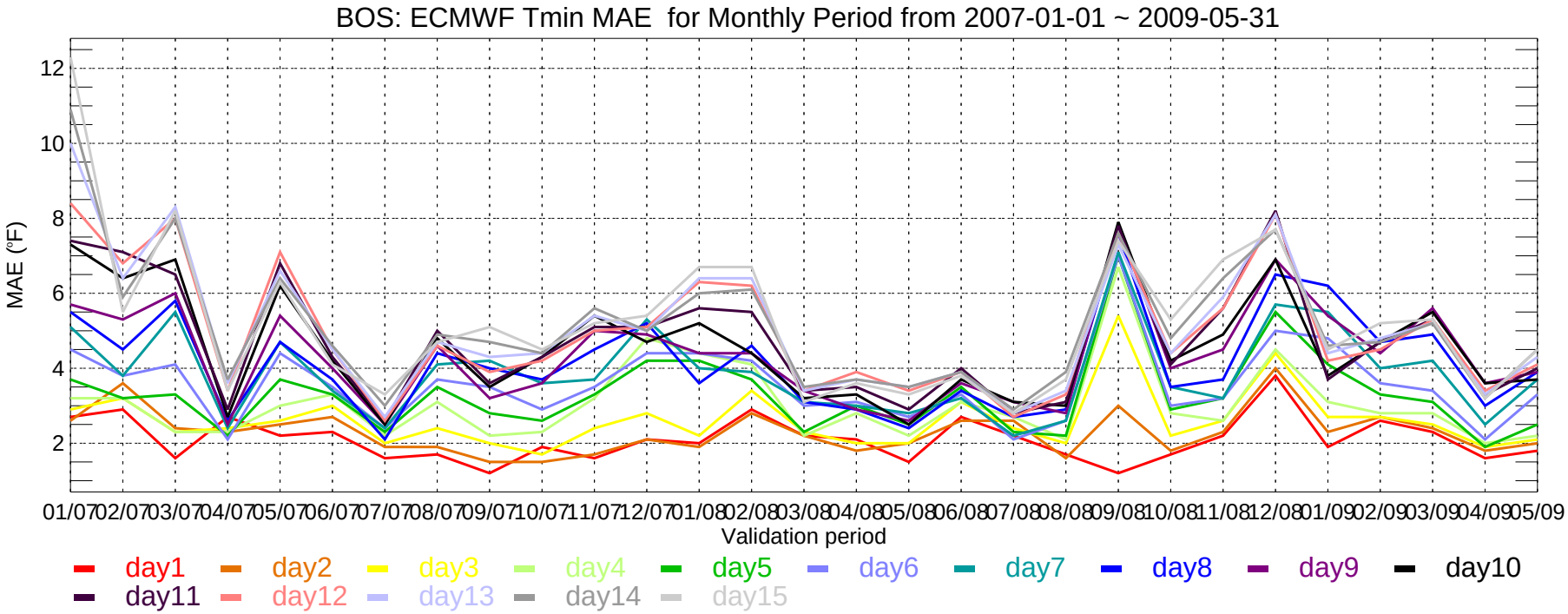

BOI: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

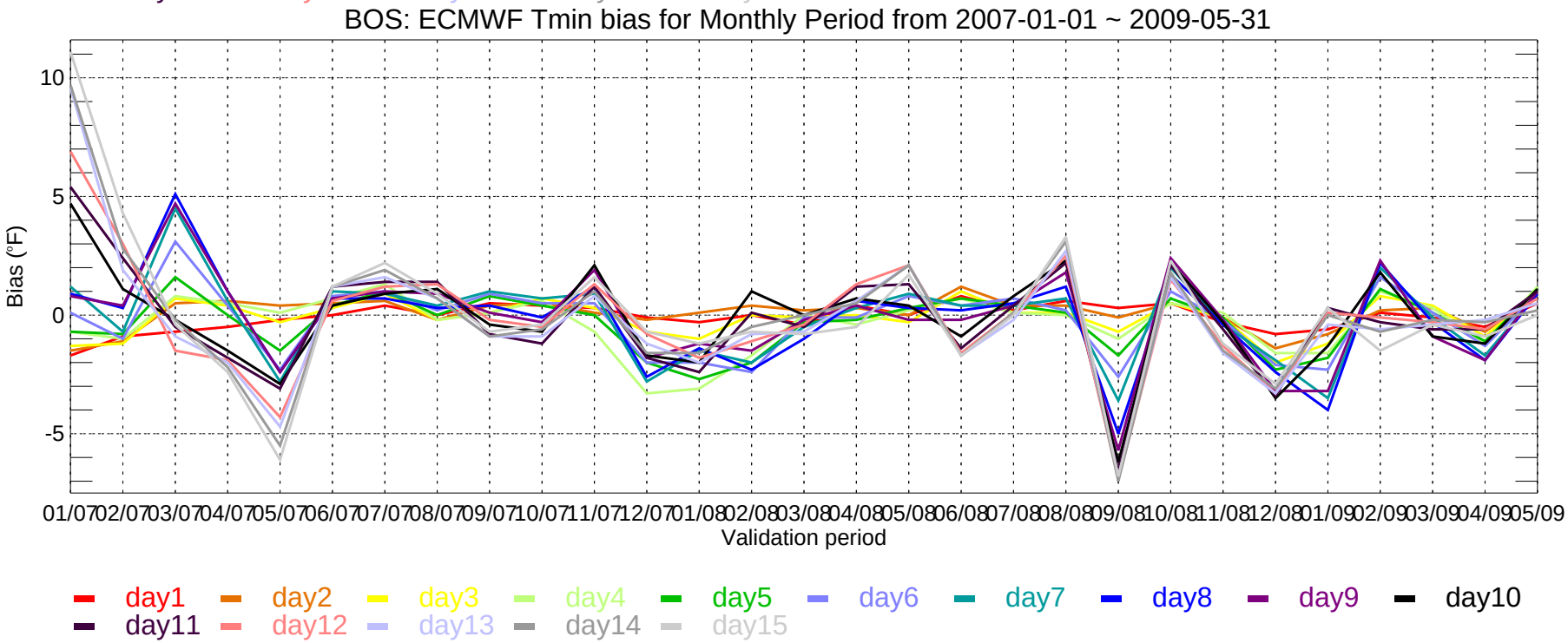

BOI: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

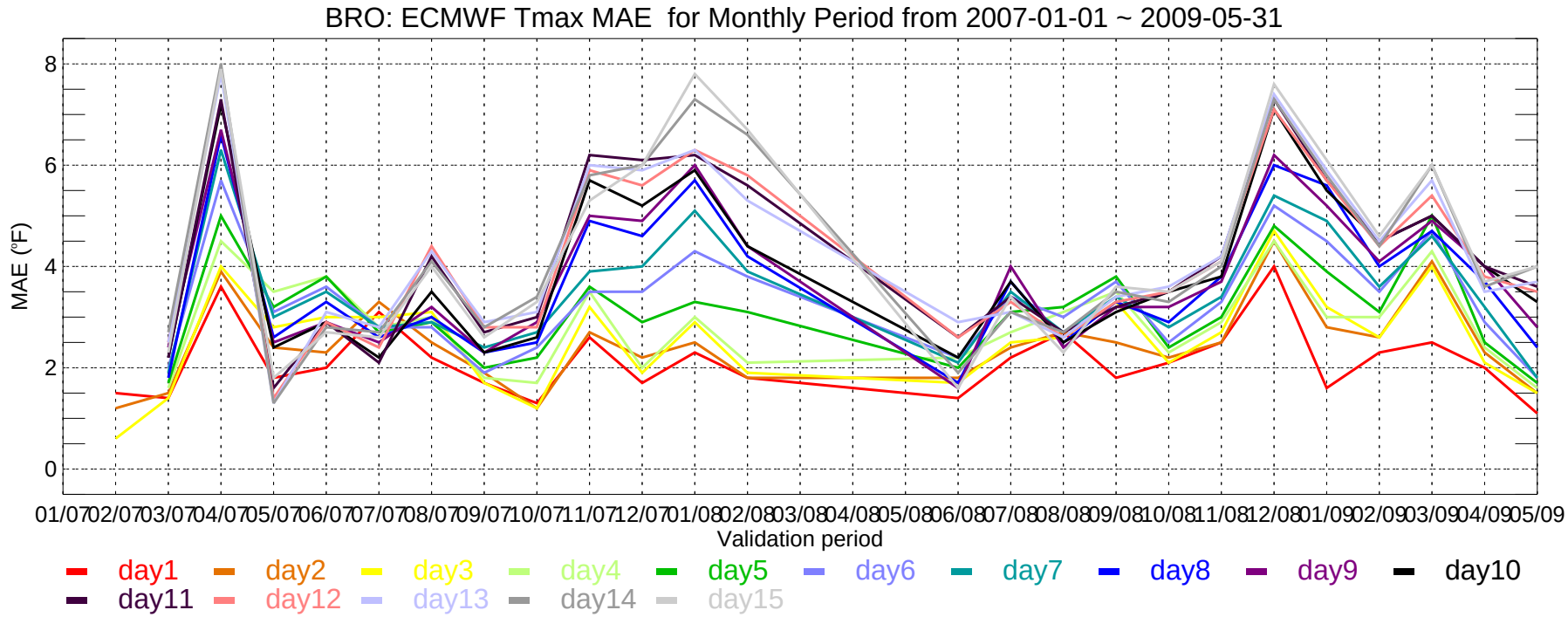

BOI: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

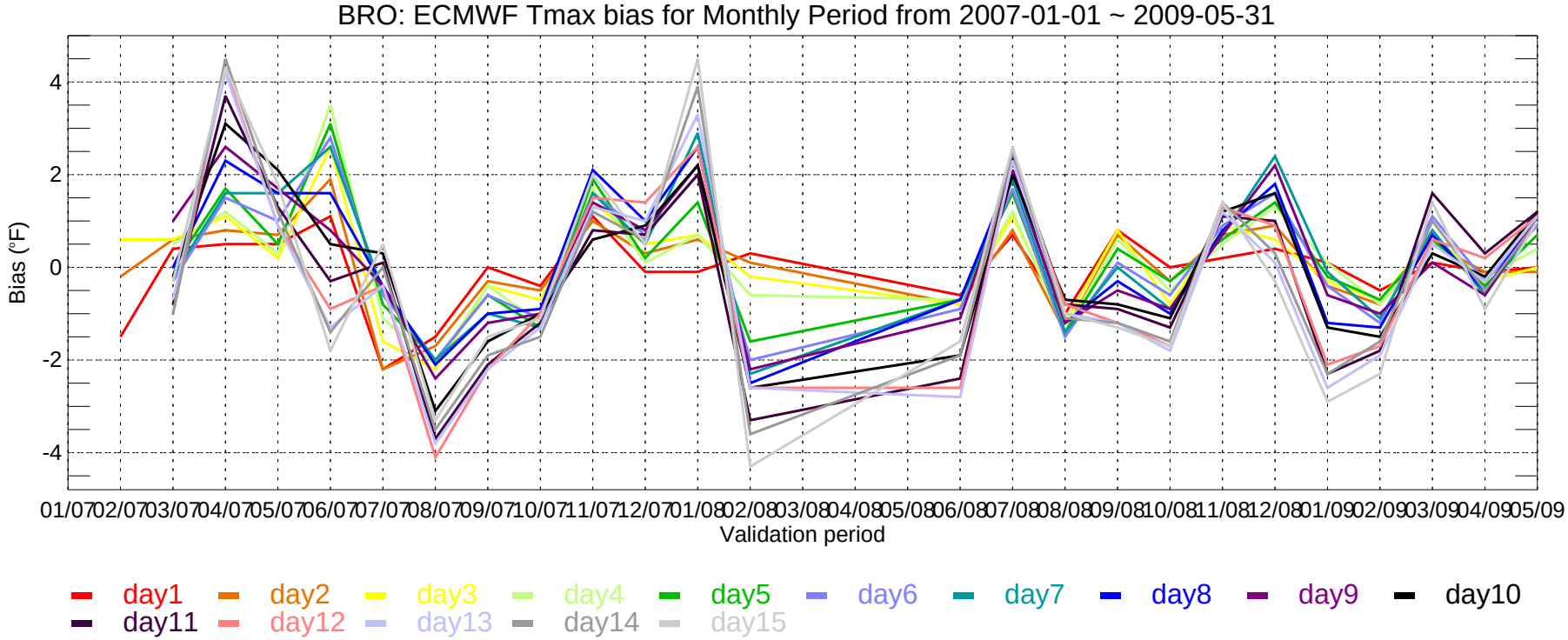

BOS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

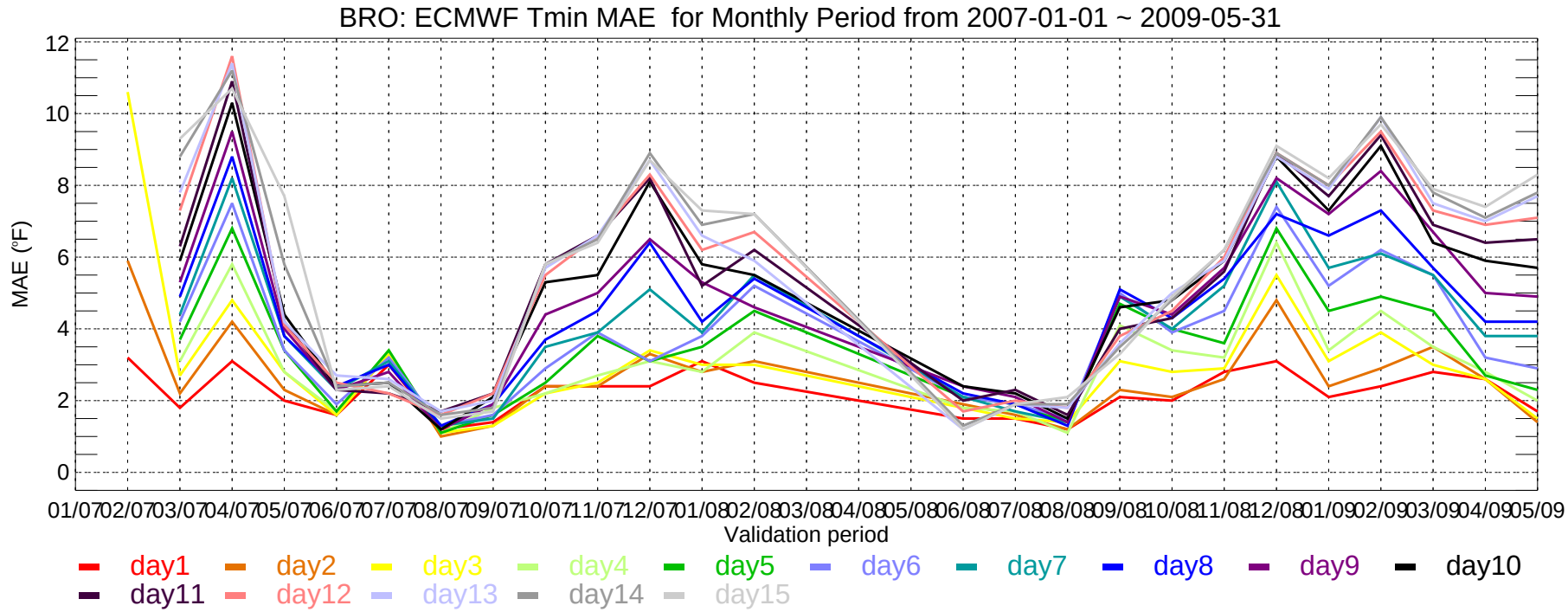

BOS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

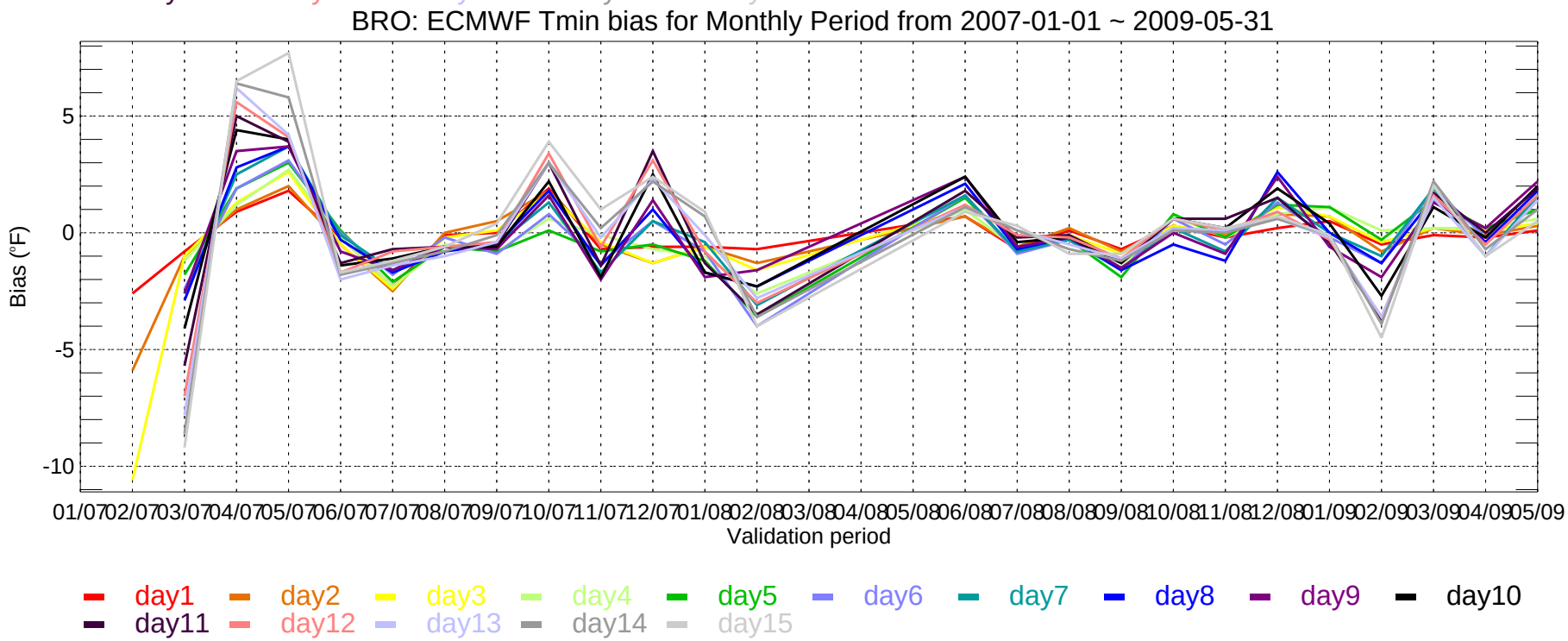

BOS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

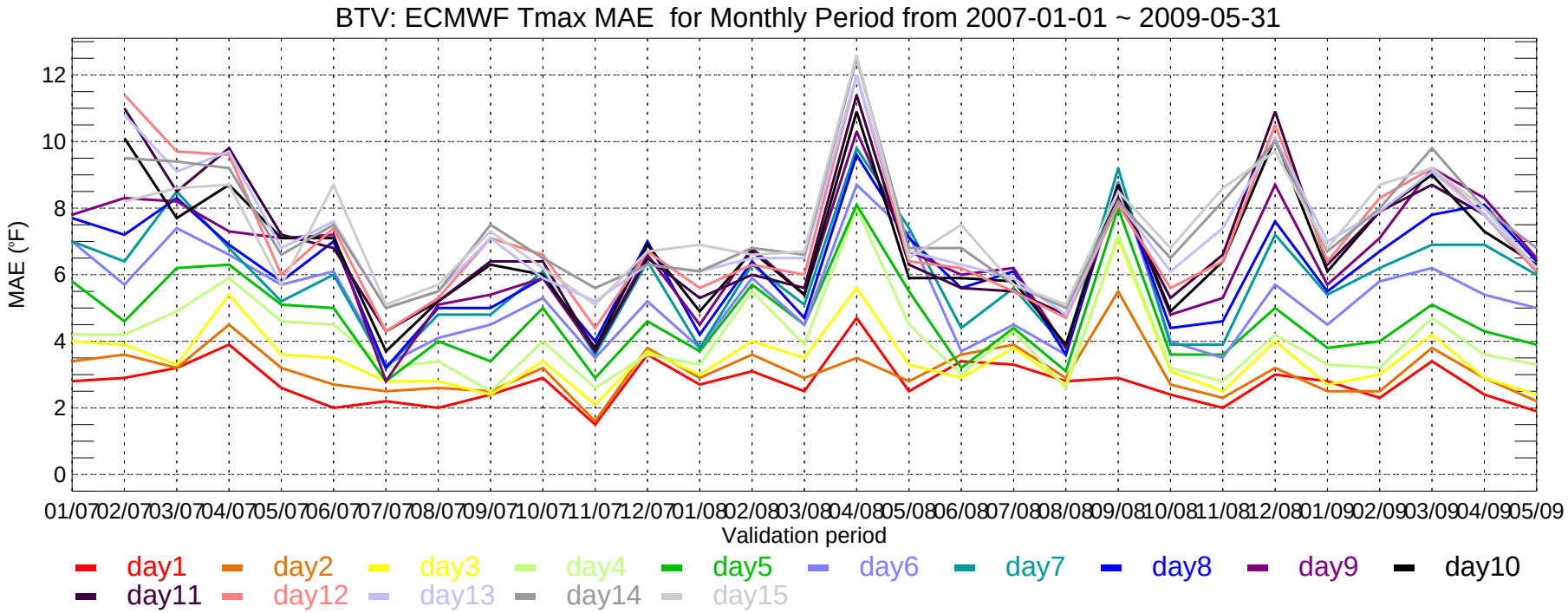

BOS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

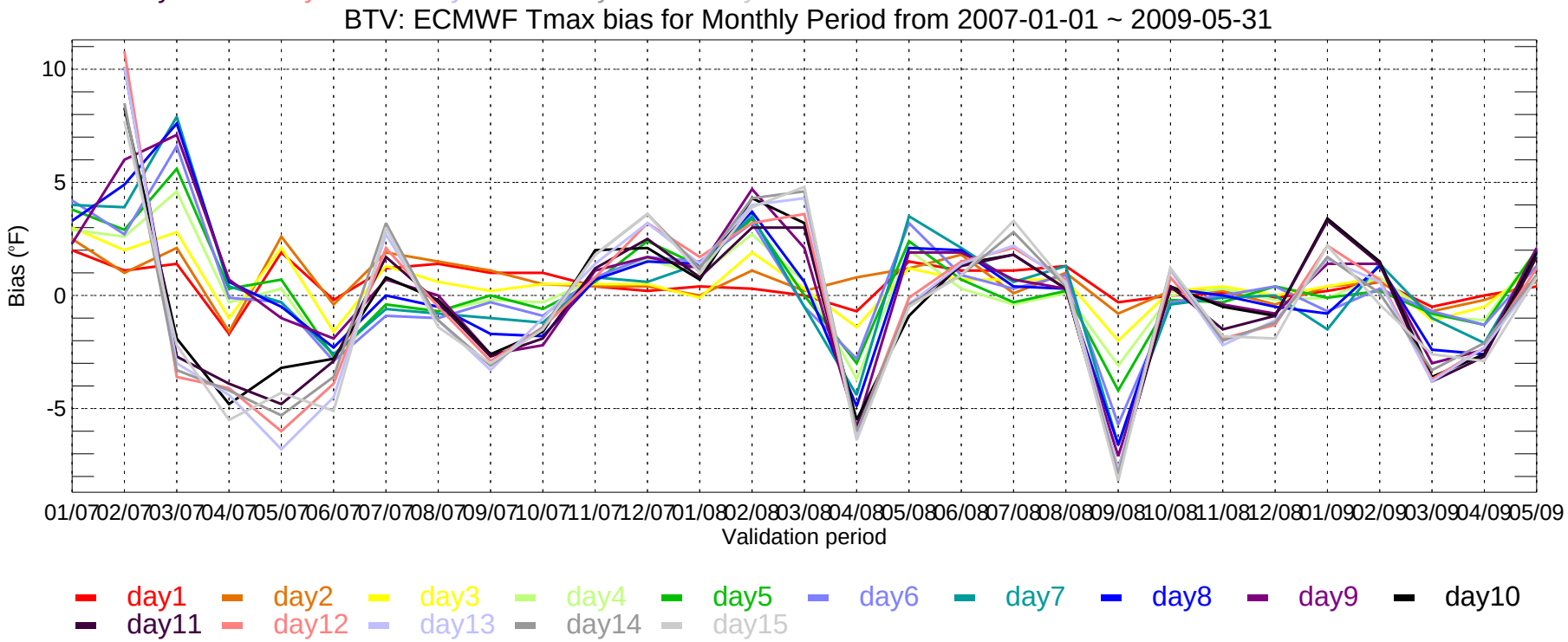

BRO: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

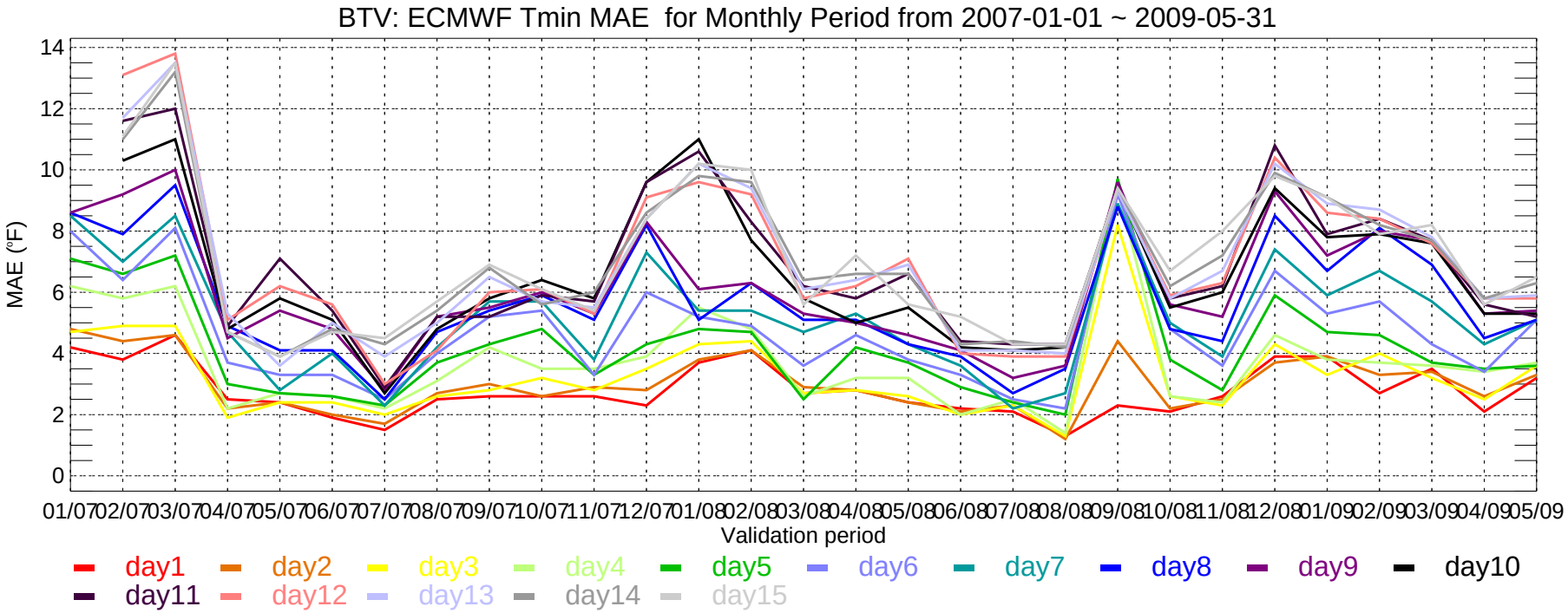

BRO: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

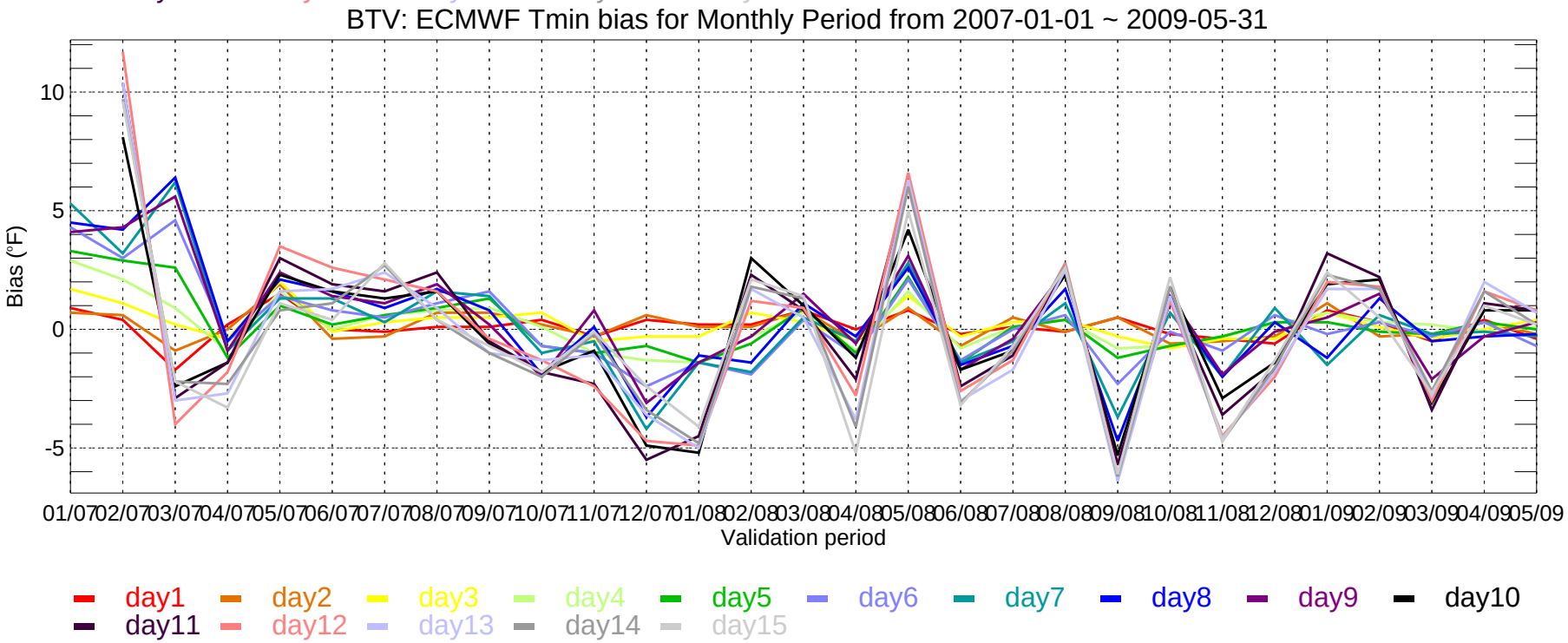

BRO: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

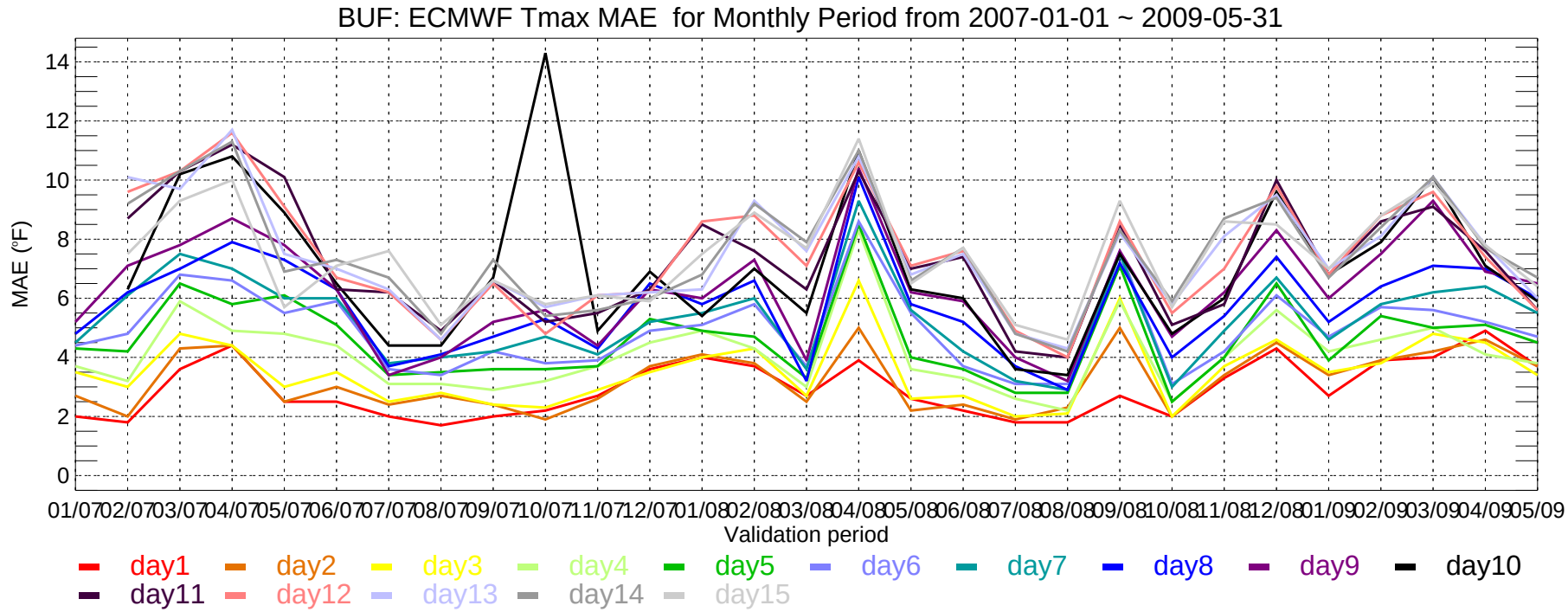

BRO: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

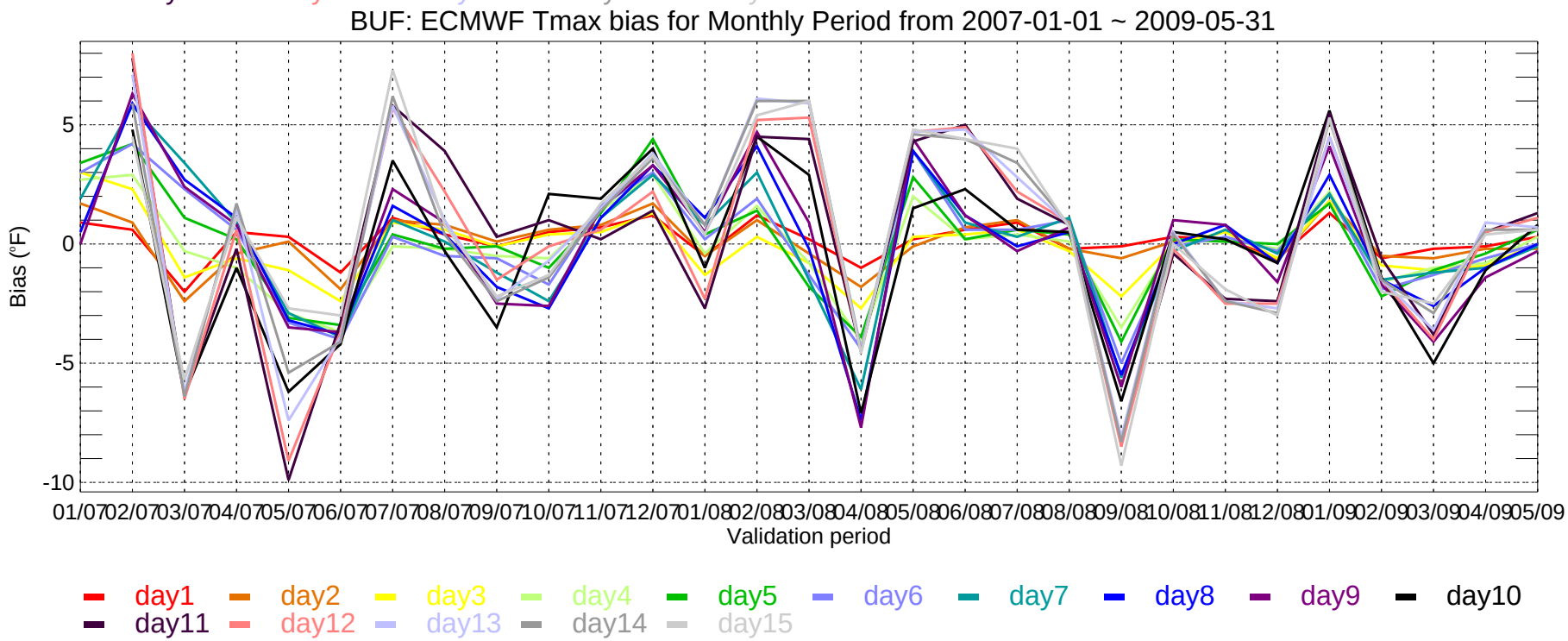

BTV: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

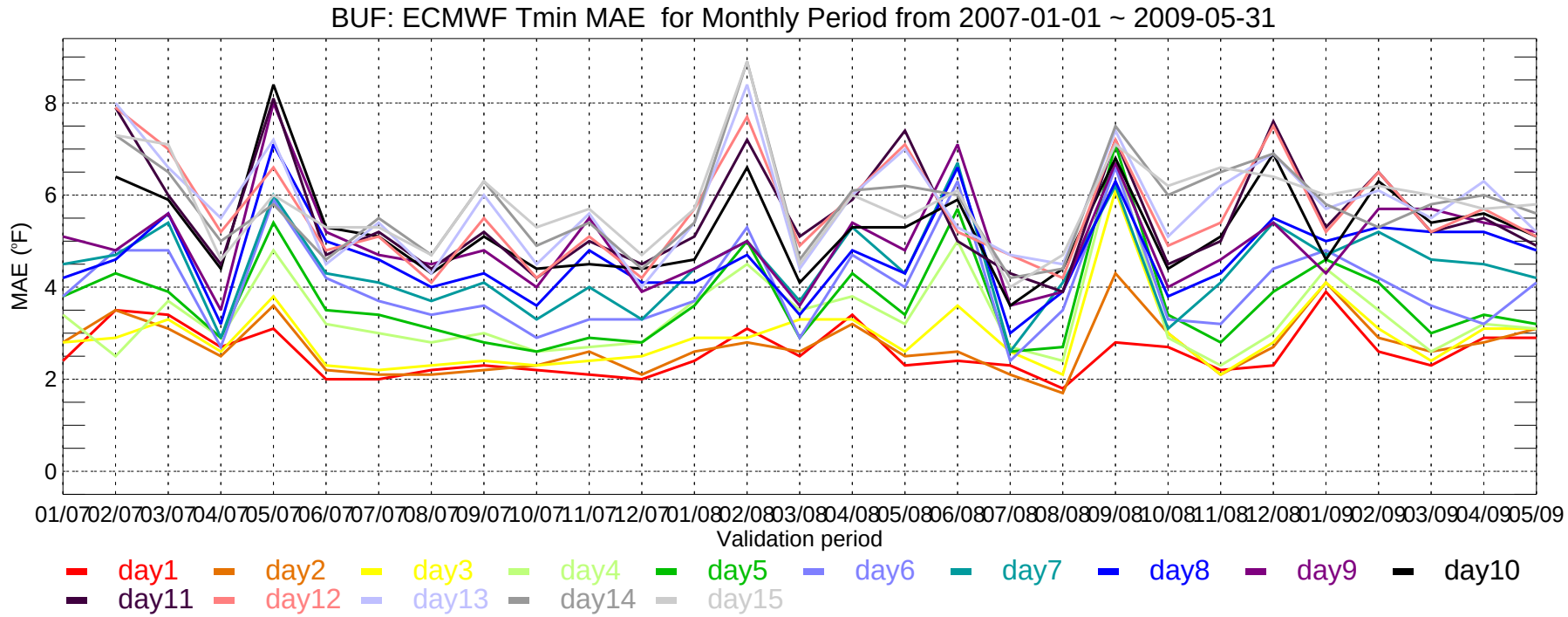

BTV: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

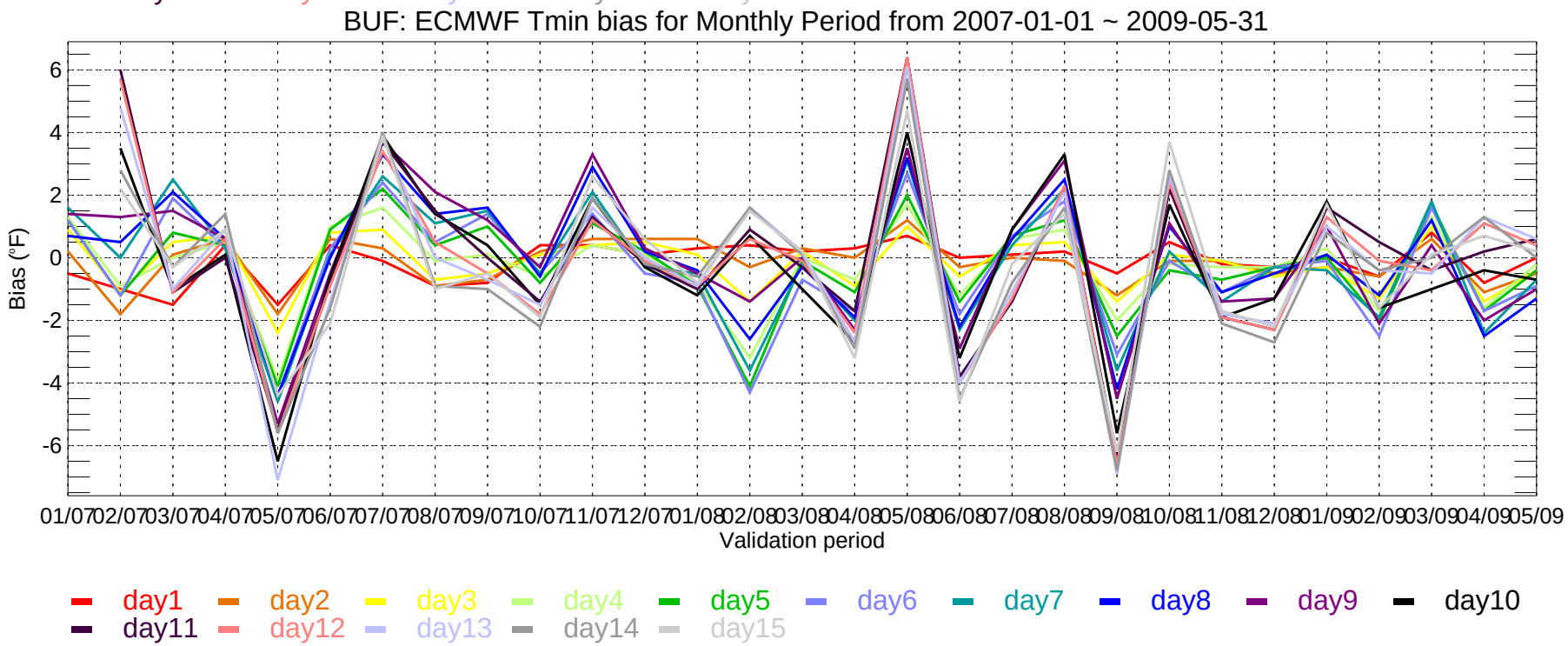

BTV: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

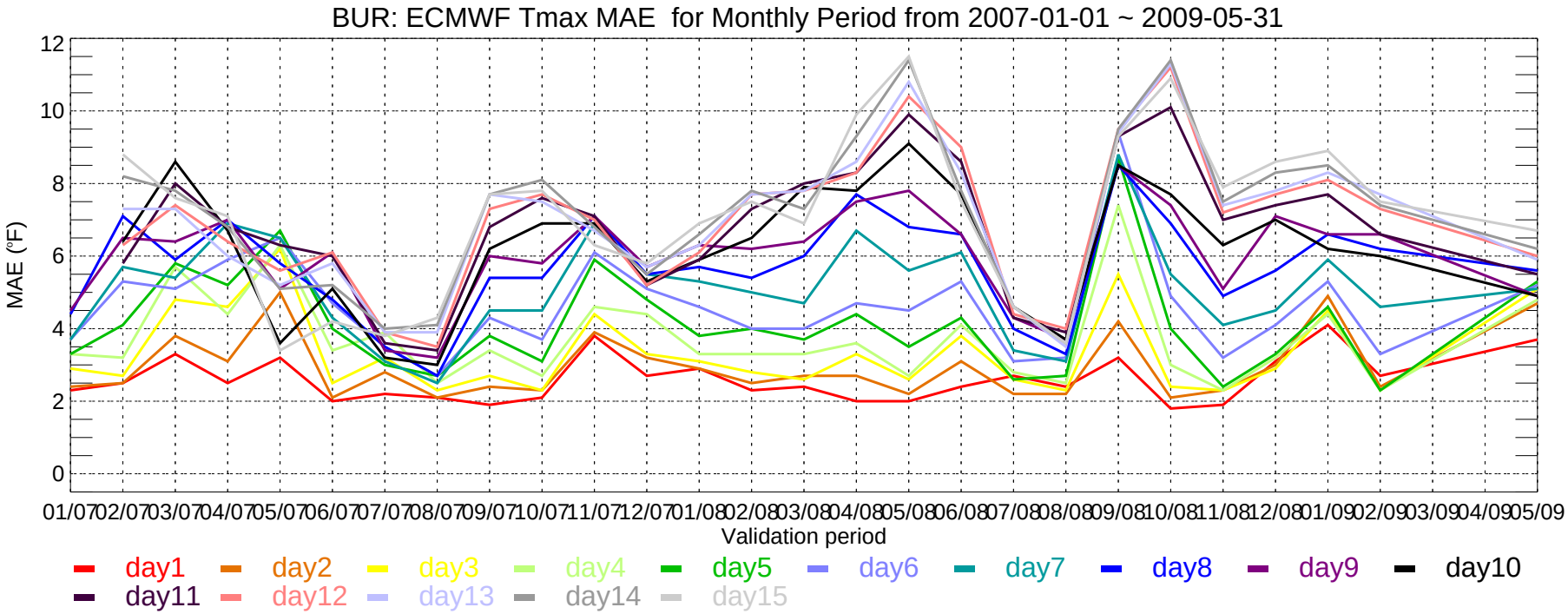

BTV: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

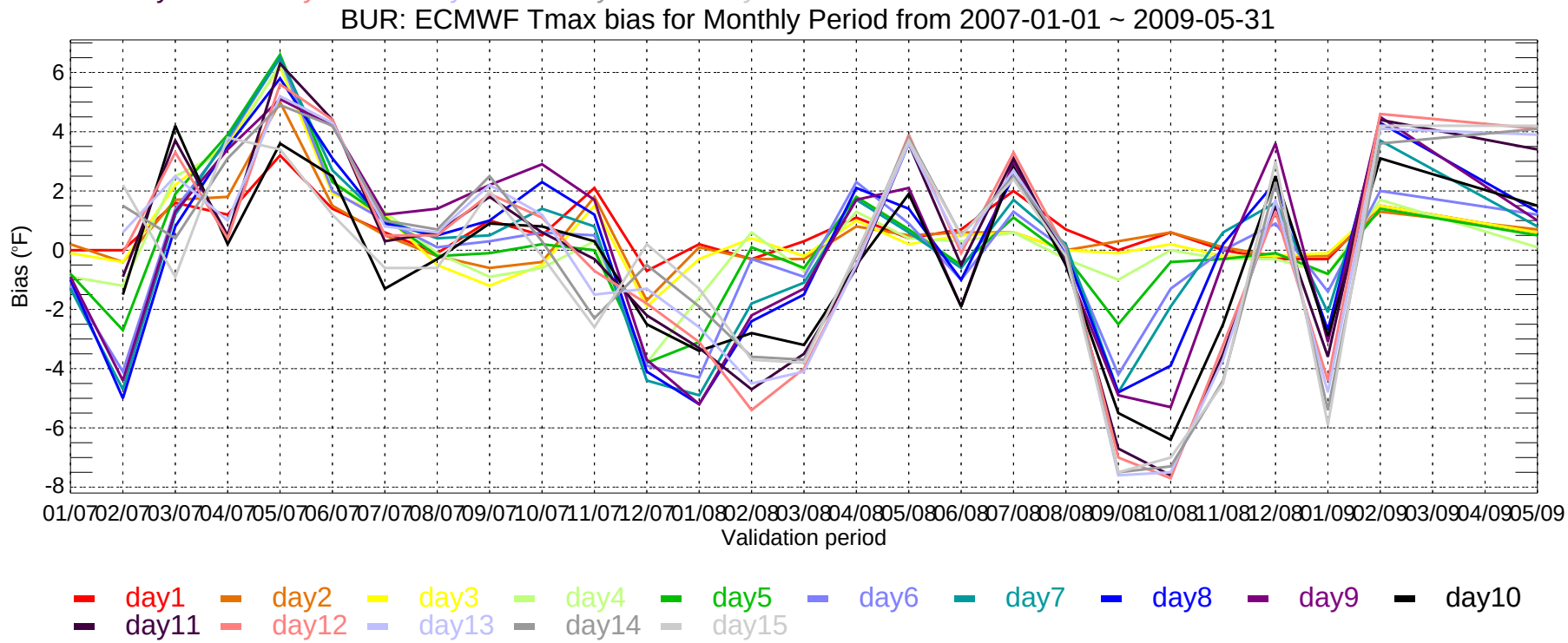

BUF: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

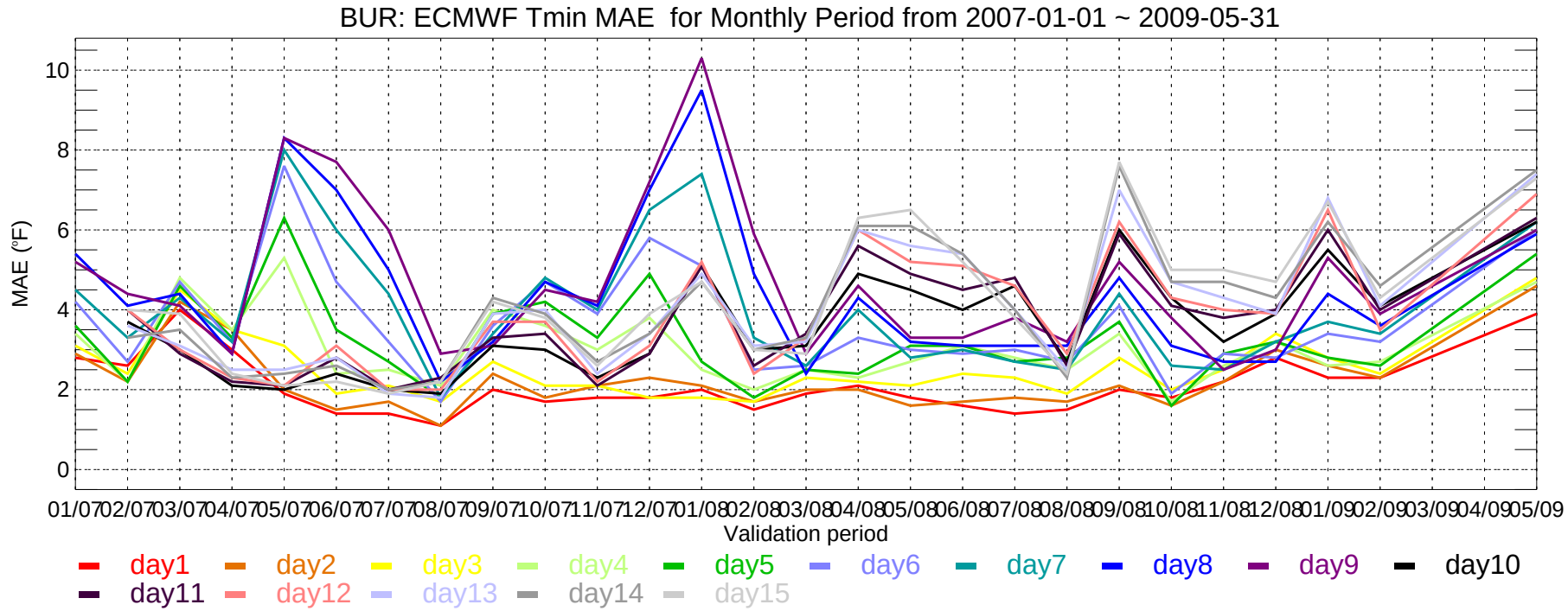

BUF: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

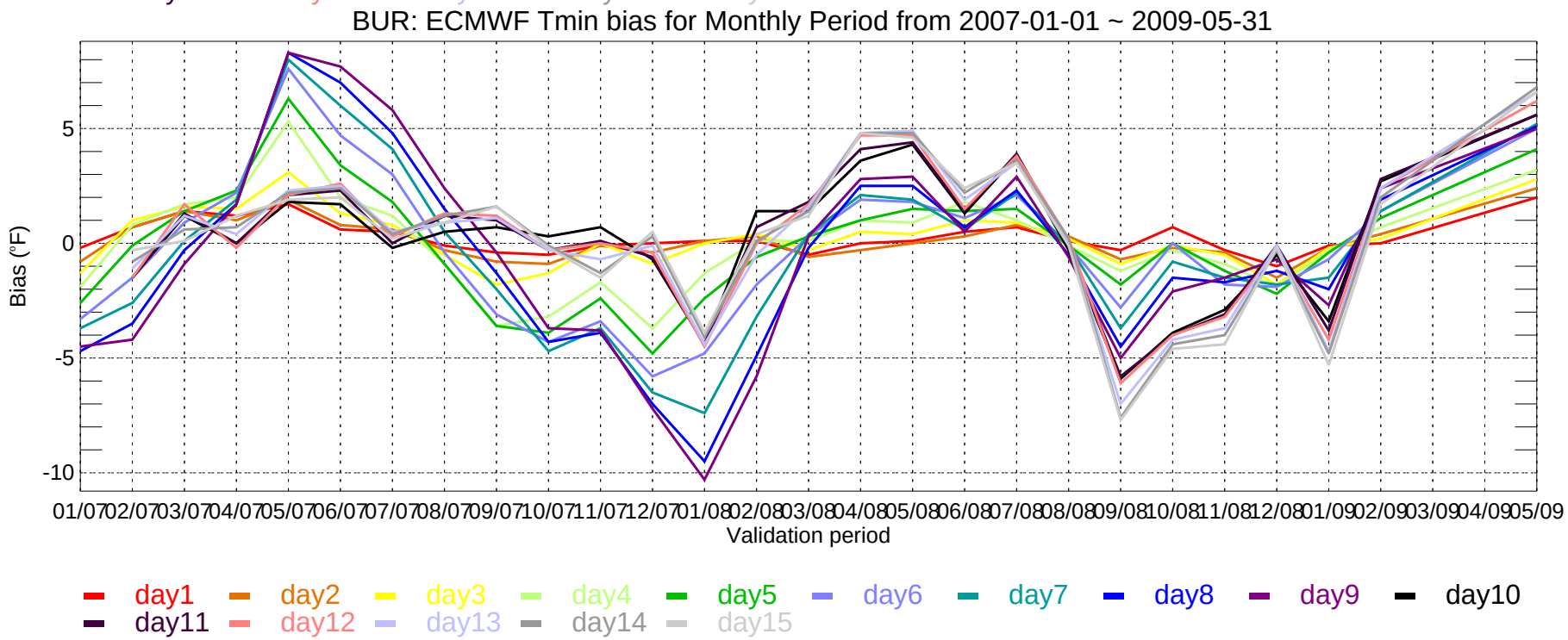

BUF: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

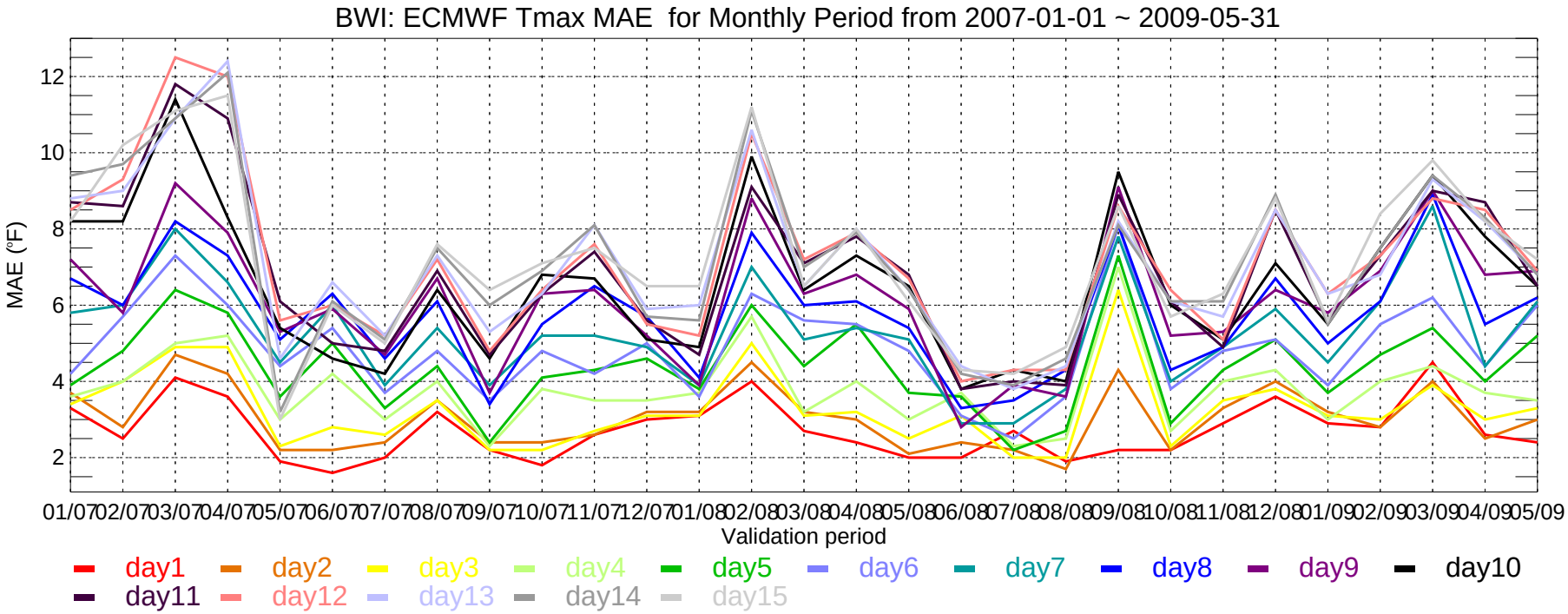

BUF: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

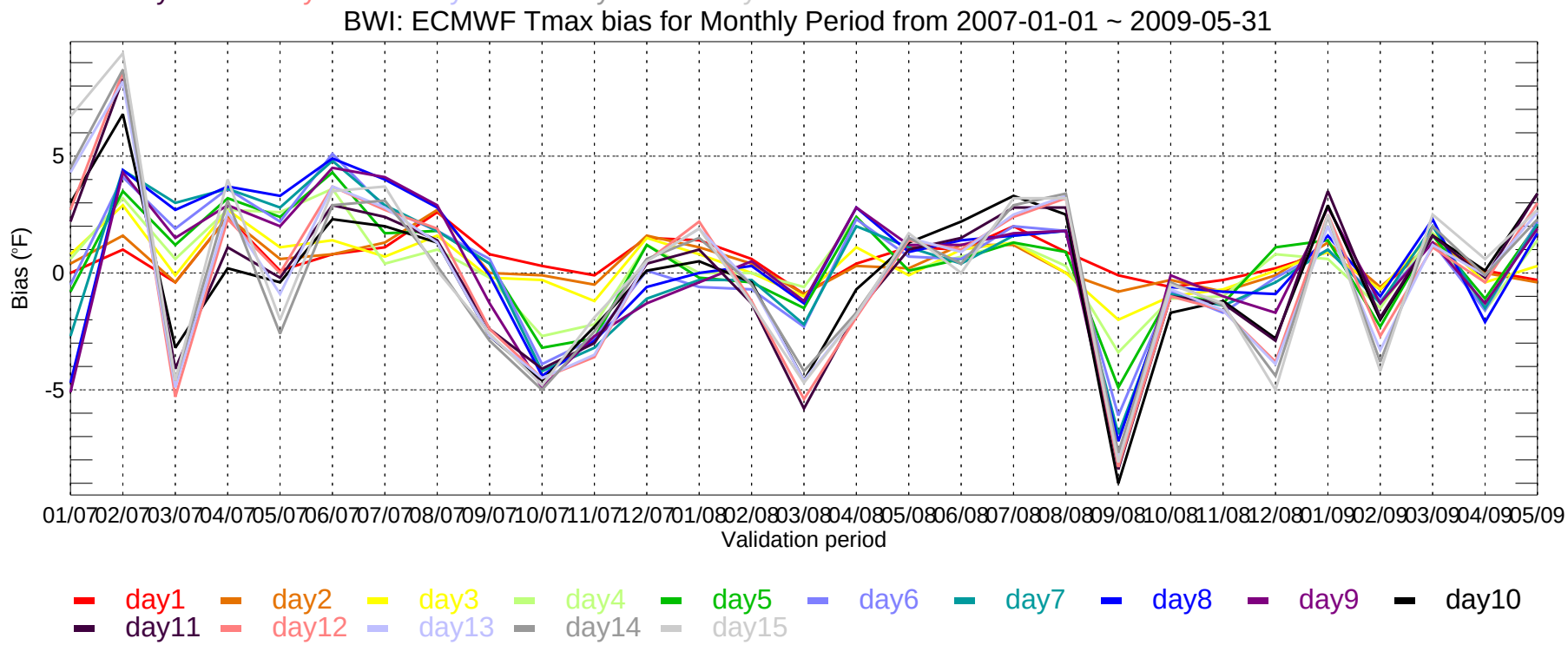

BUR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

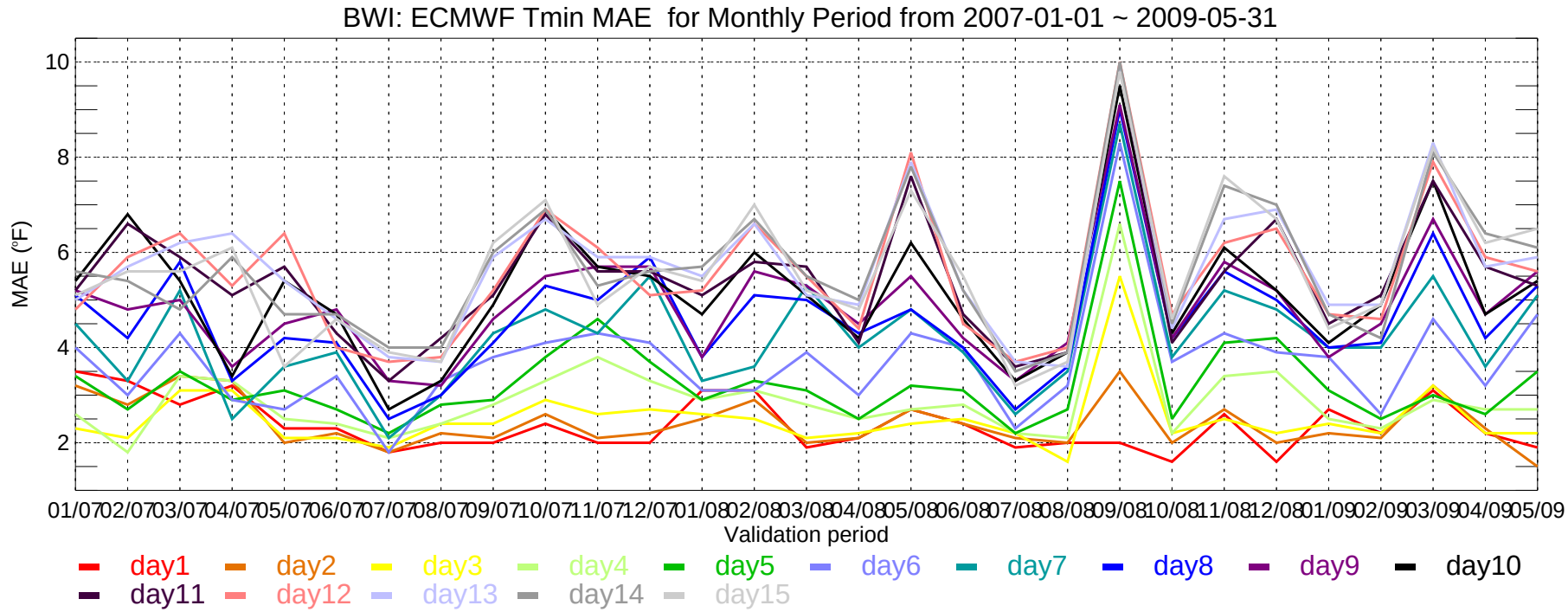

BUR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

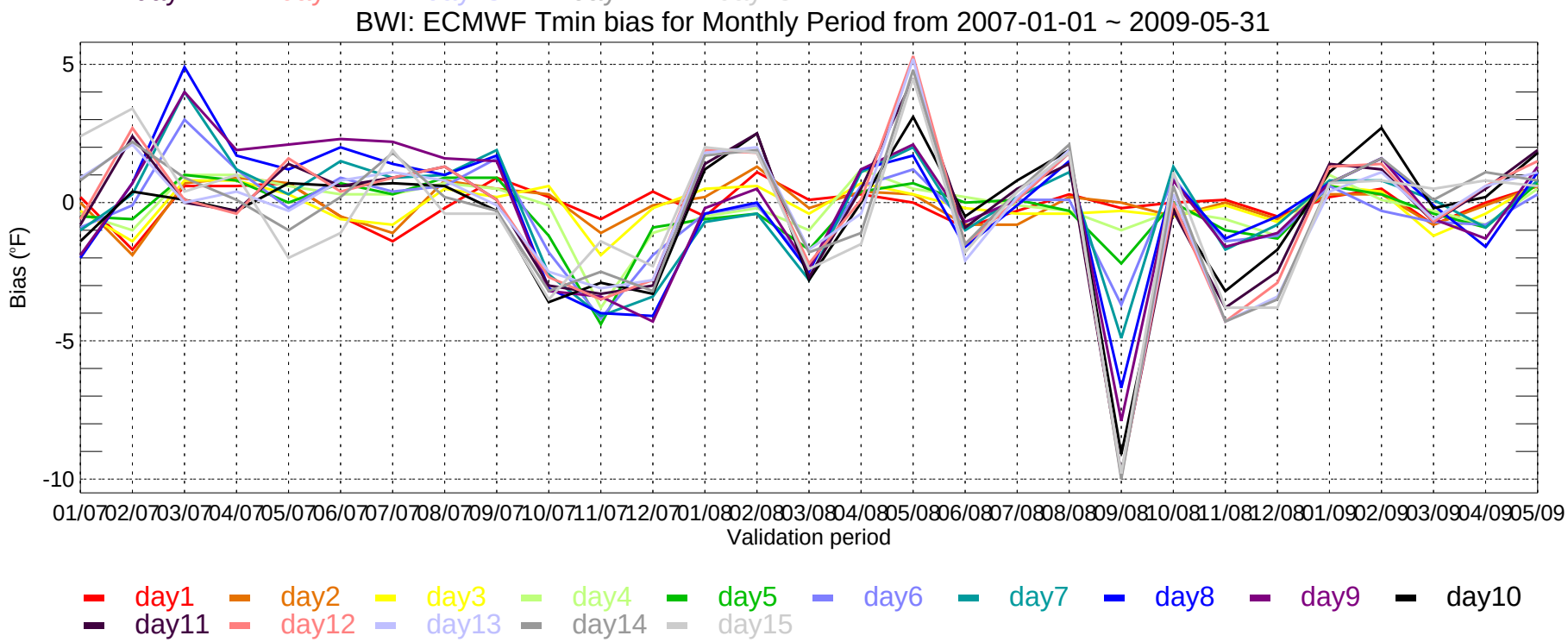

BUR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

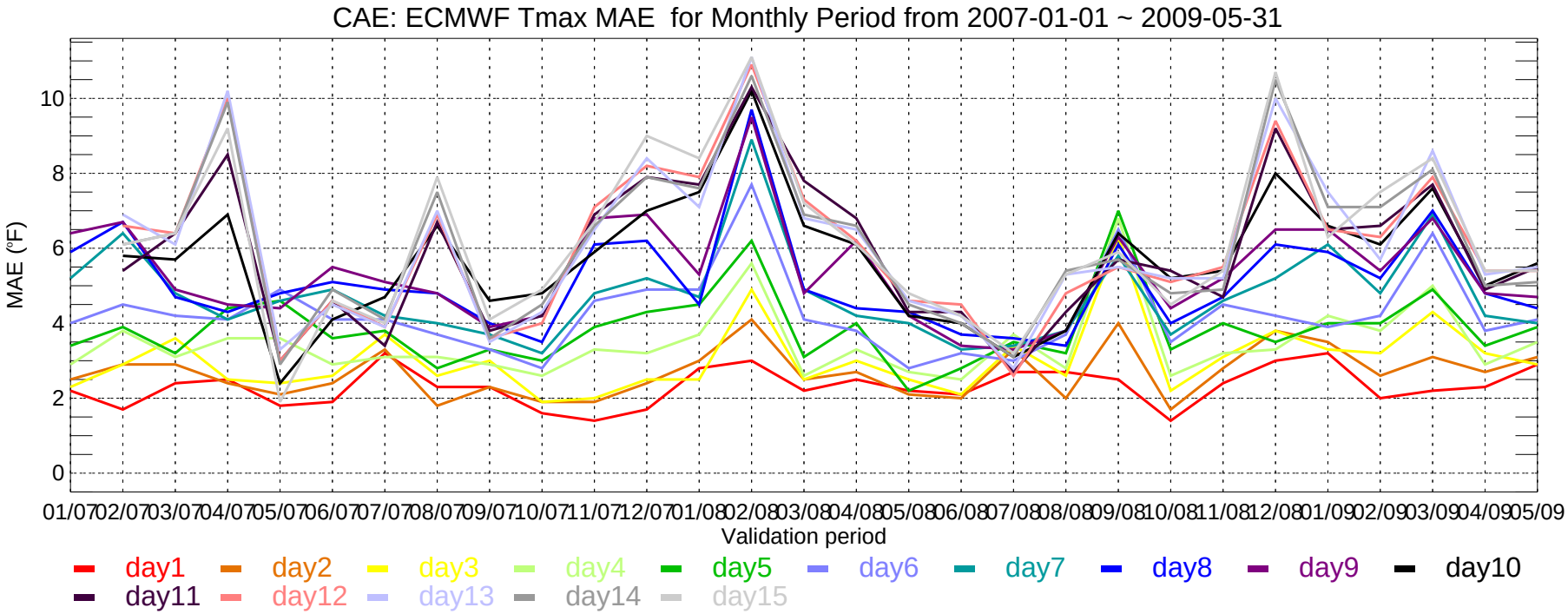

BUR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

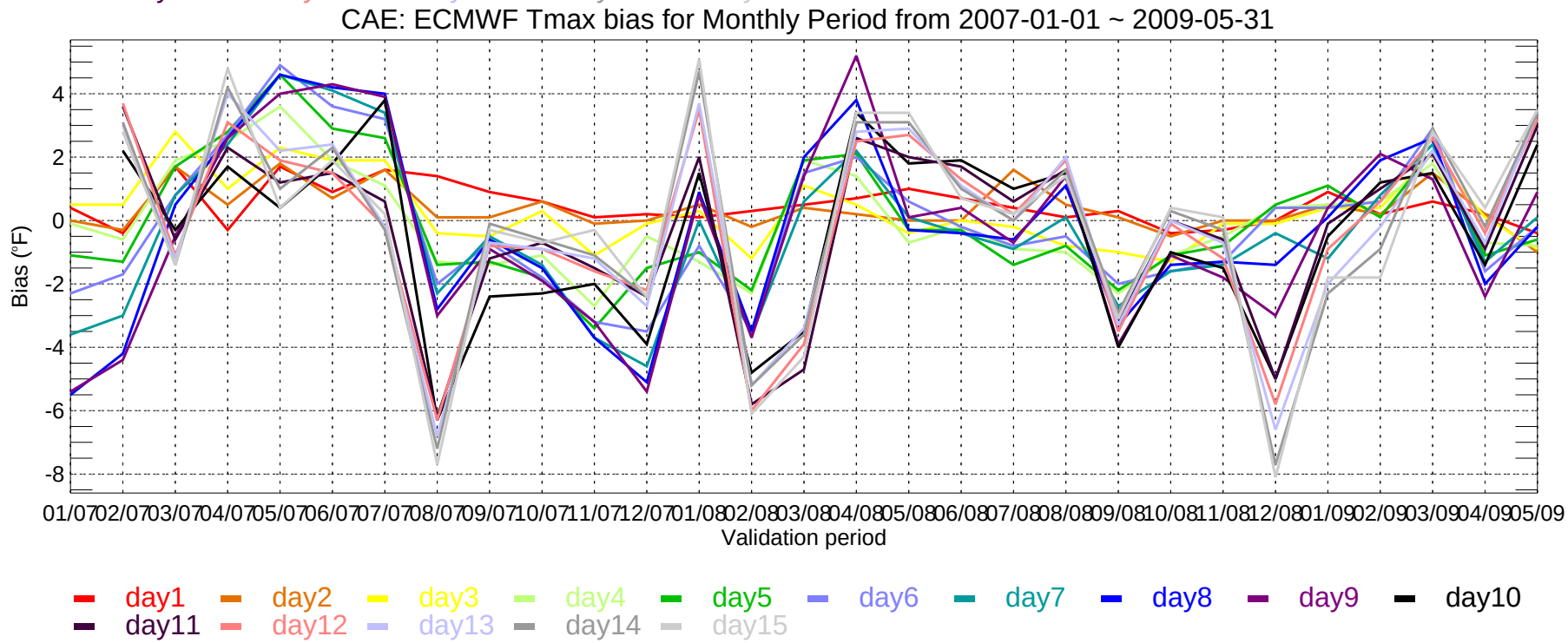

BWI: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

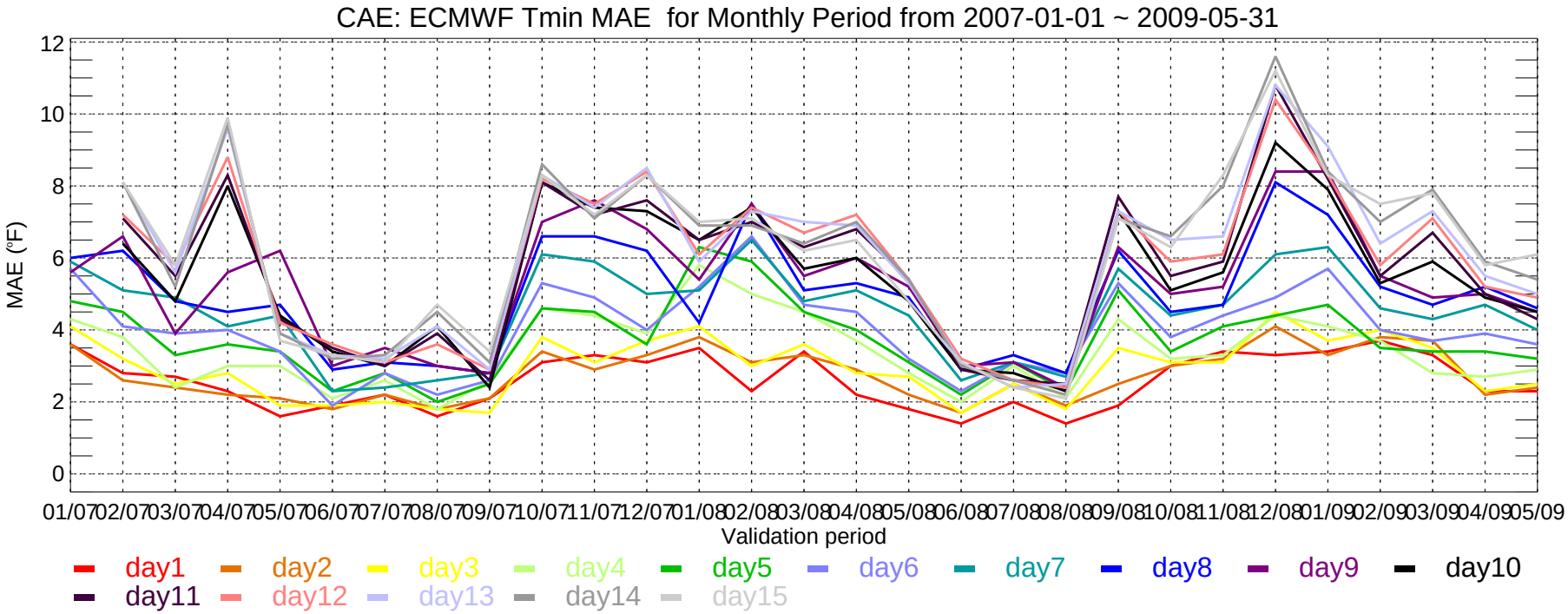

BWI: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

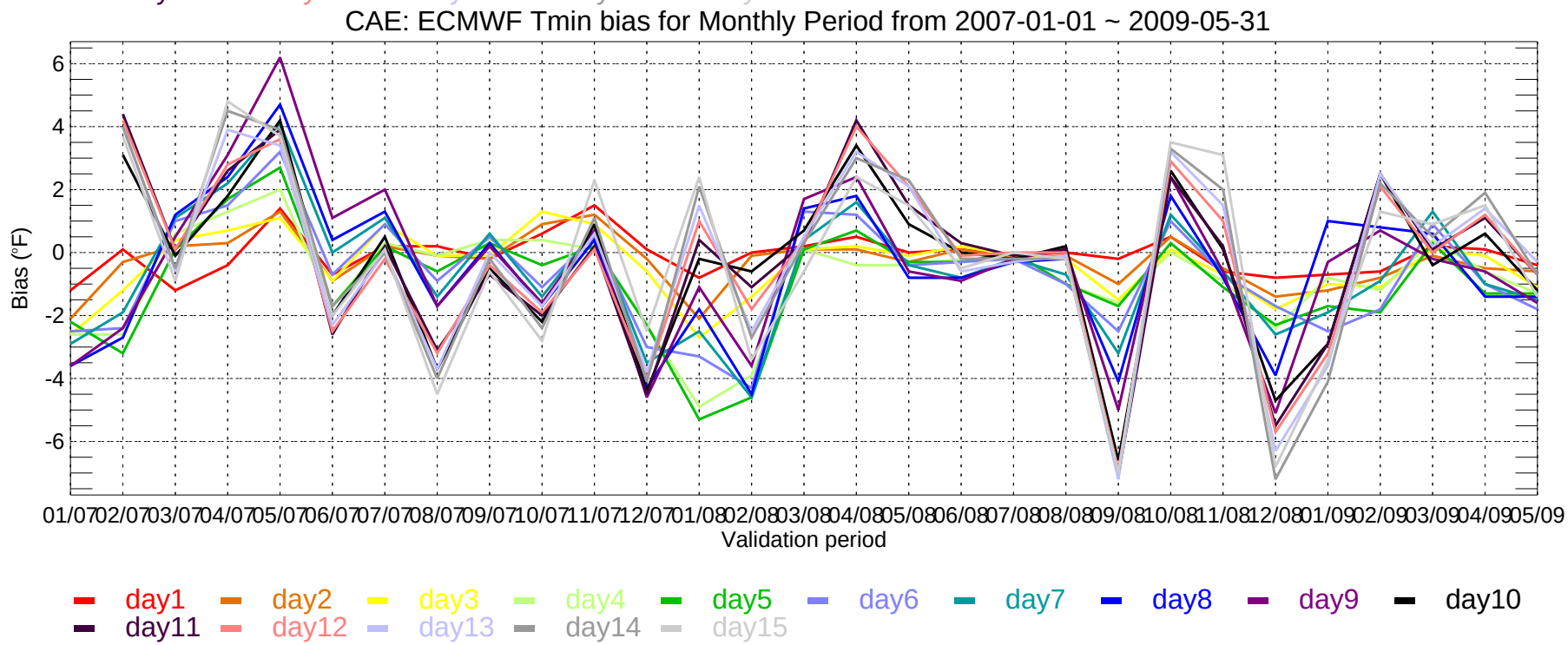

BWI: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

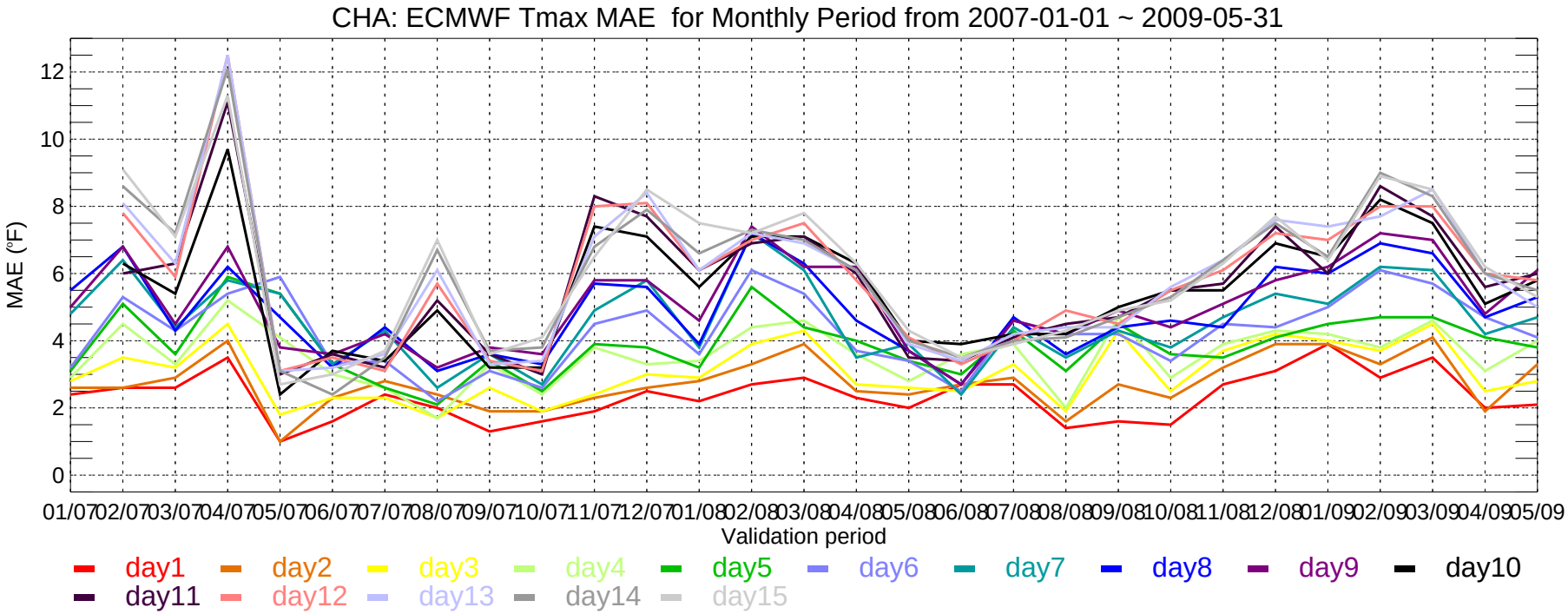

BWI: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

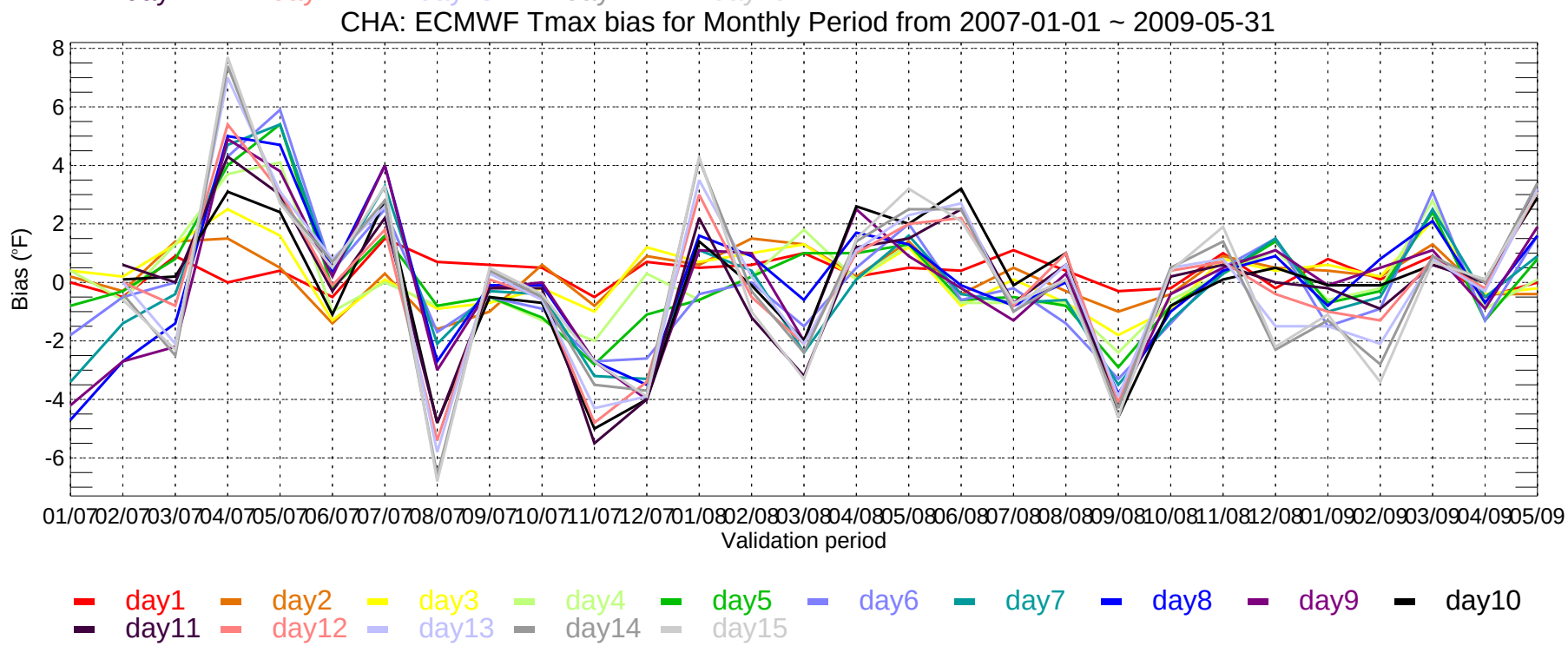

CAE: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

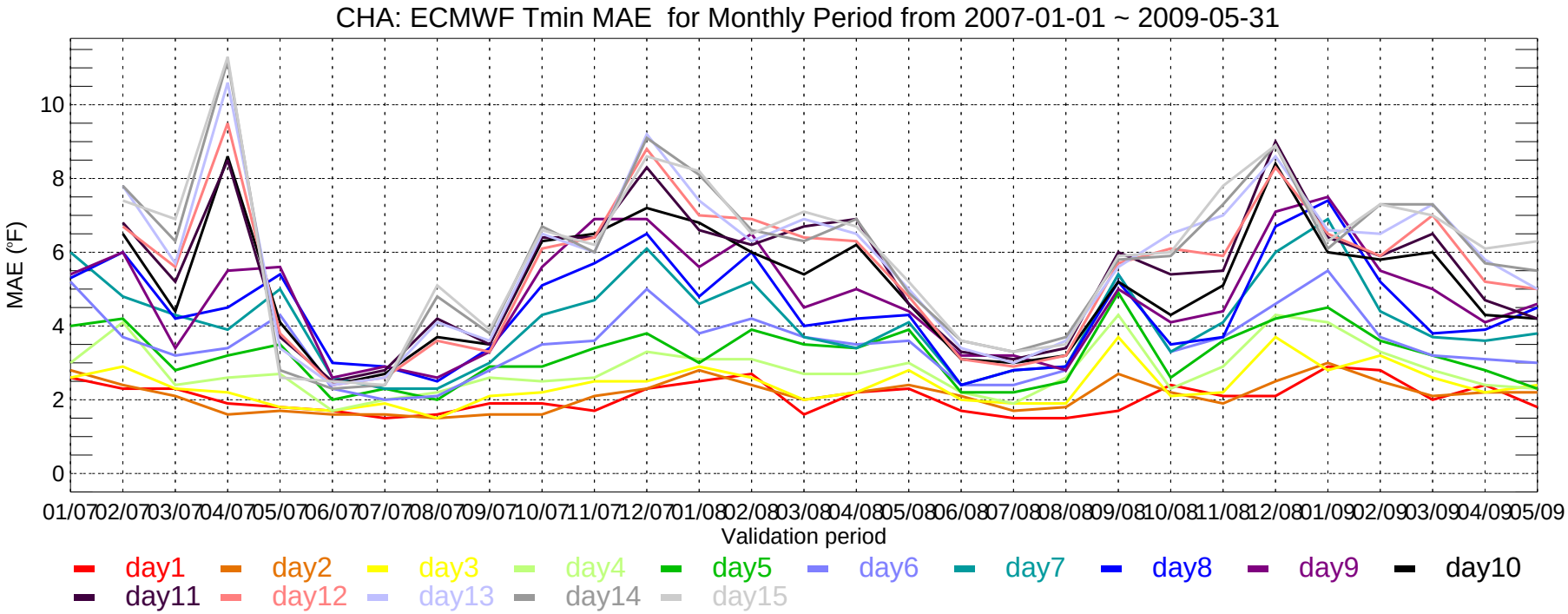

CAE: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

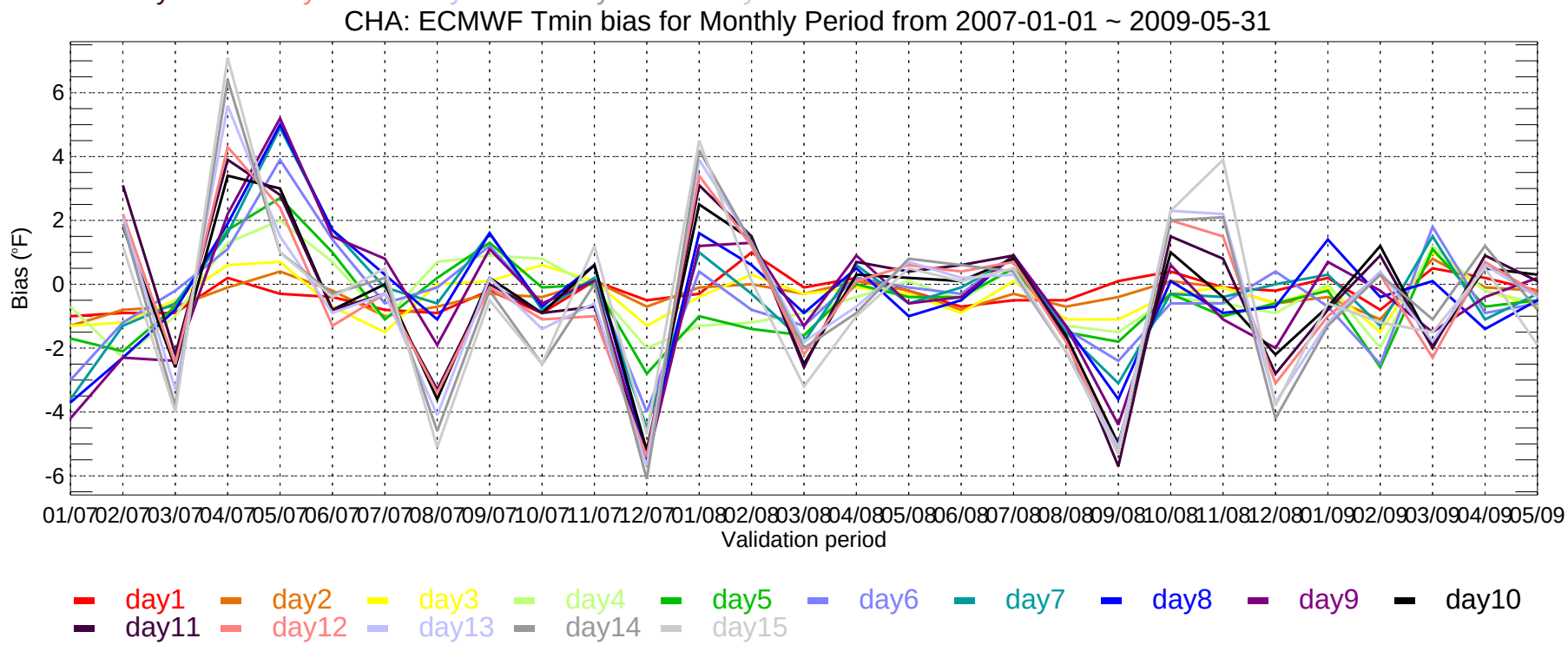

CAE: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

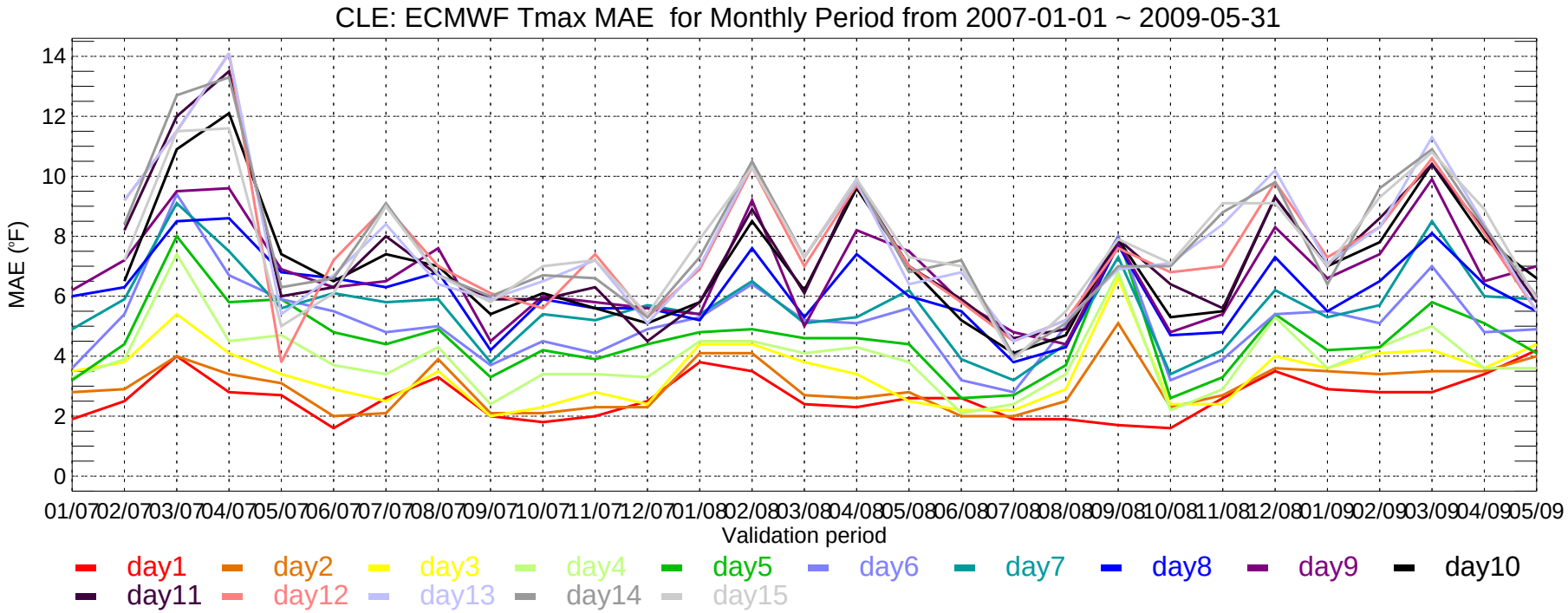

CAE: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

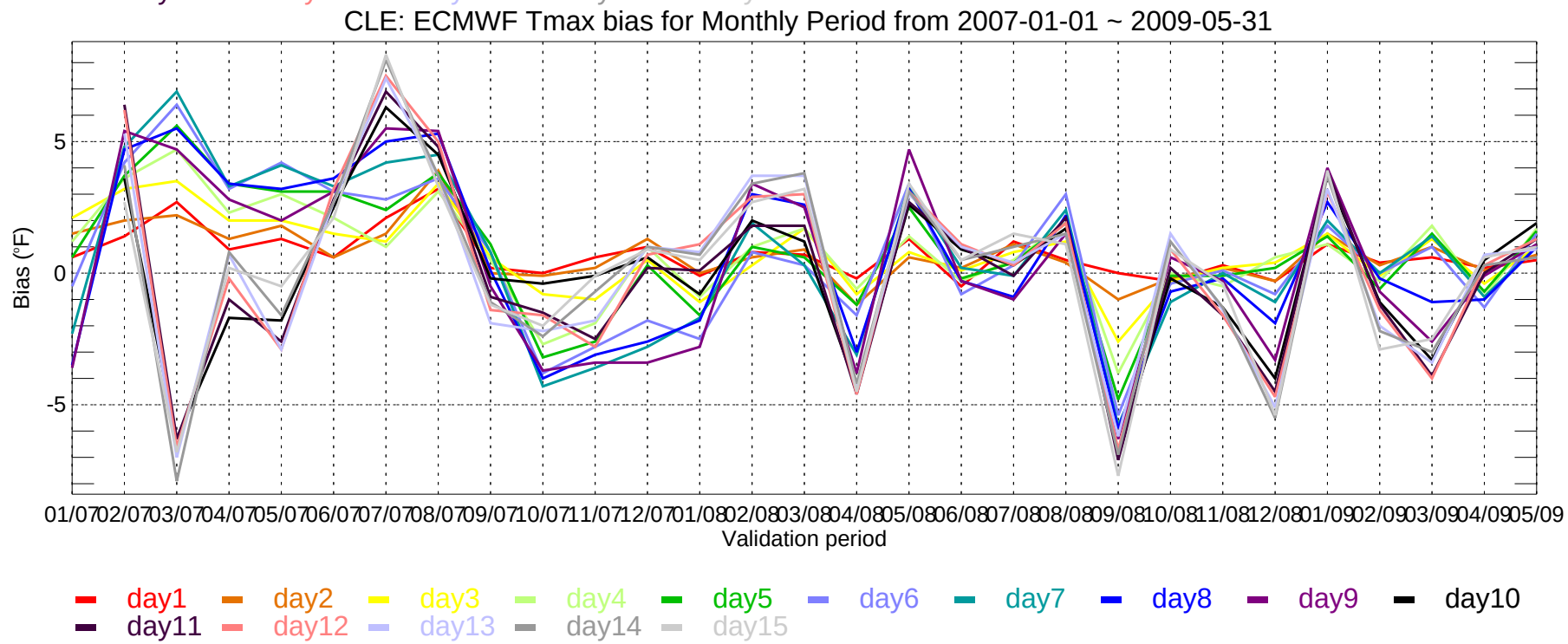

CHA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

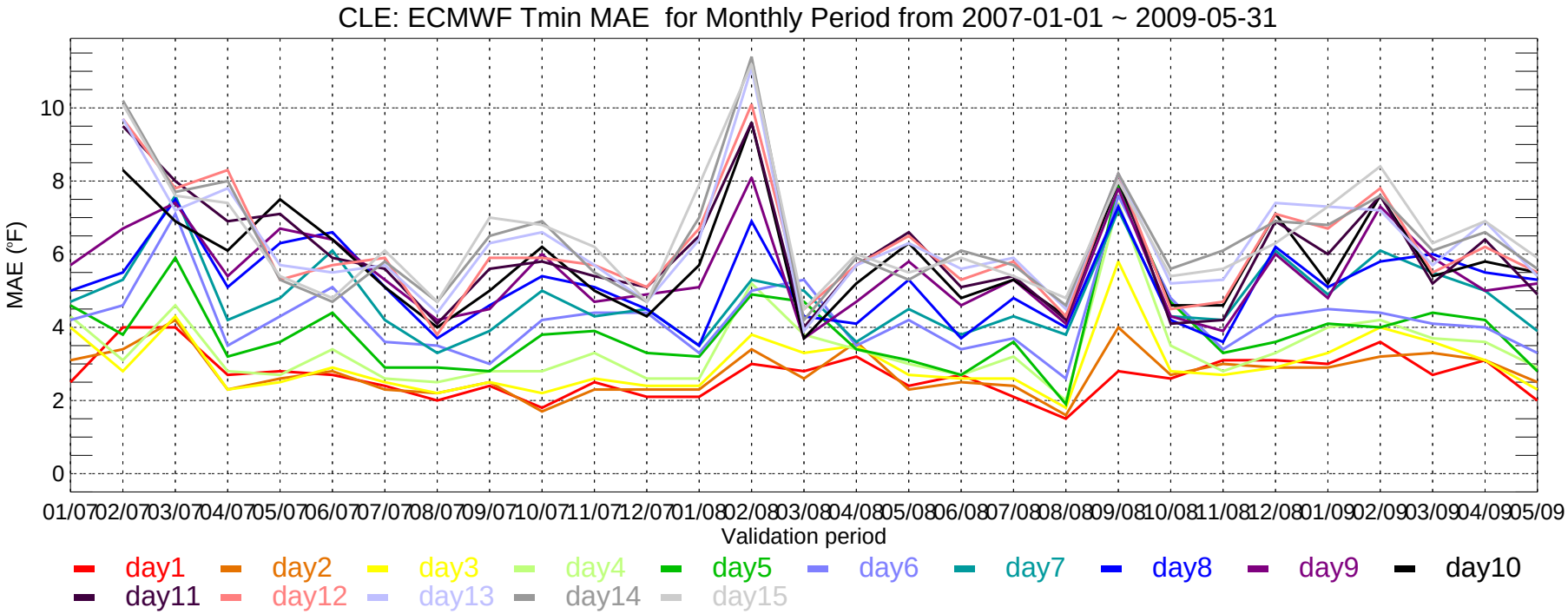

CHA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

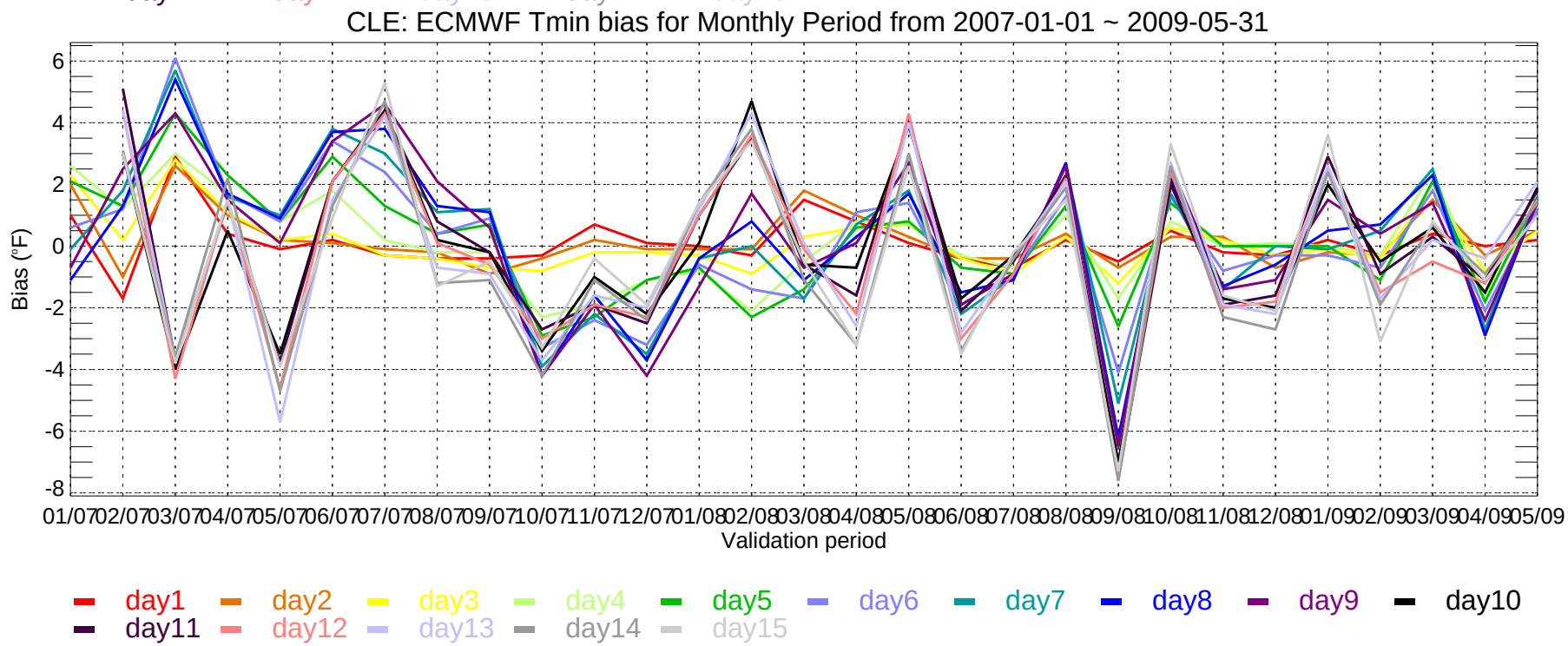

CHA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

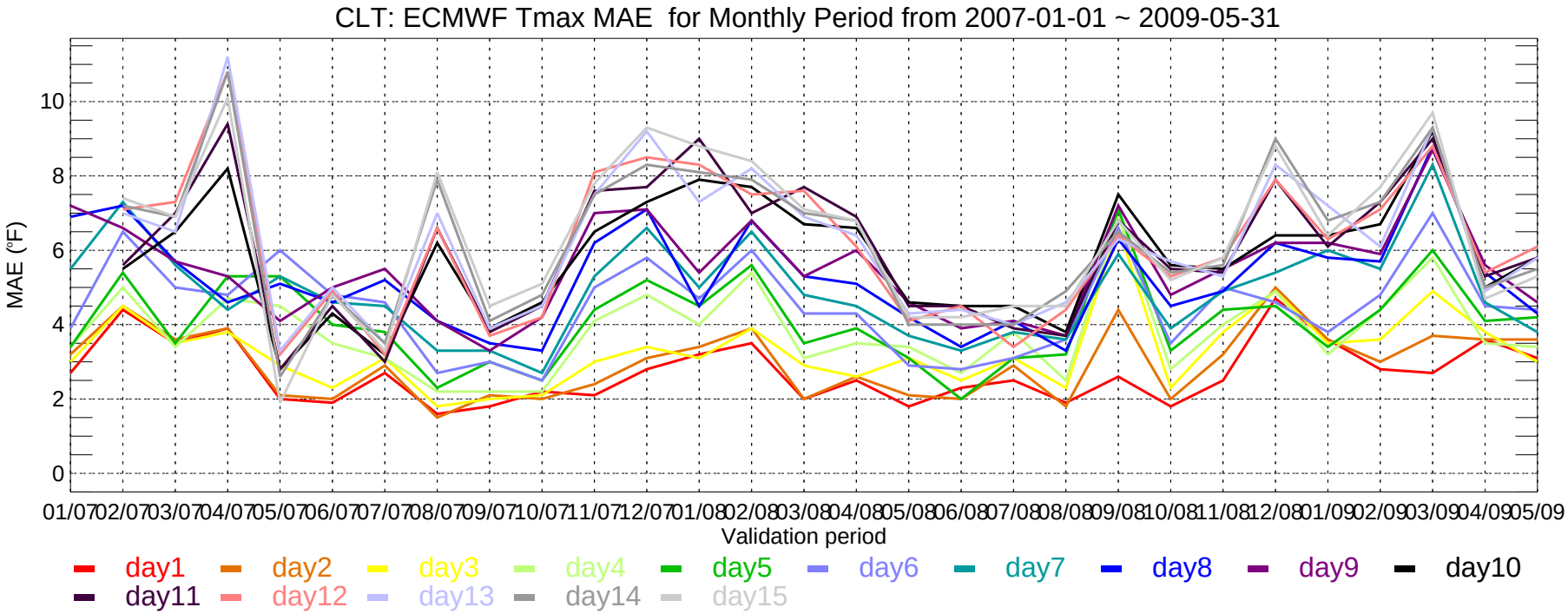

CHA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

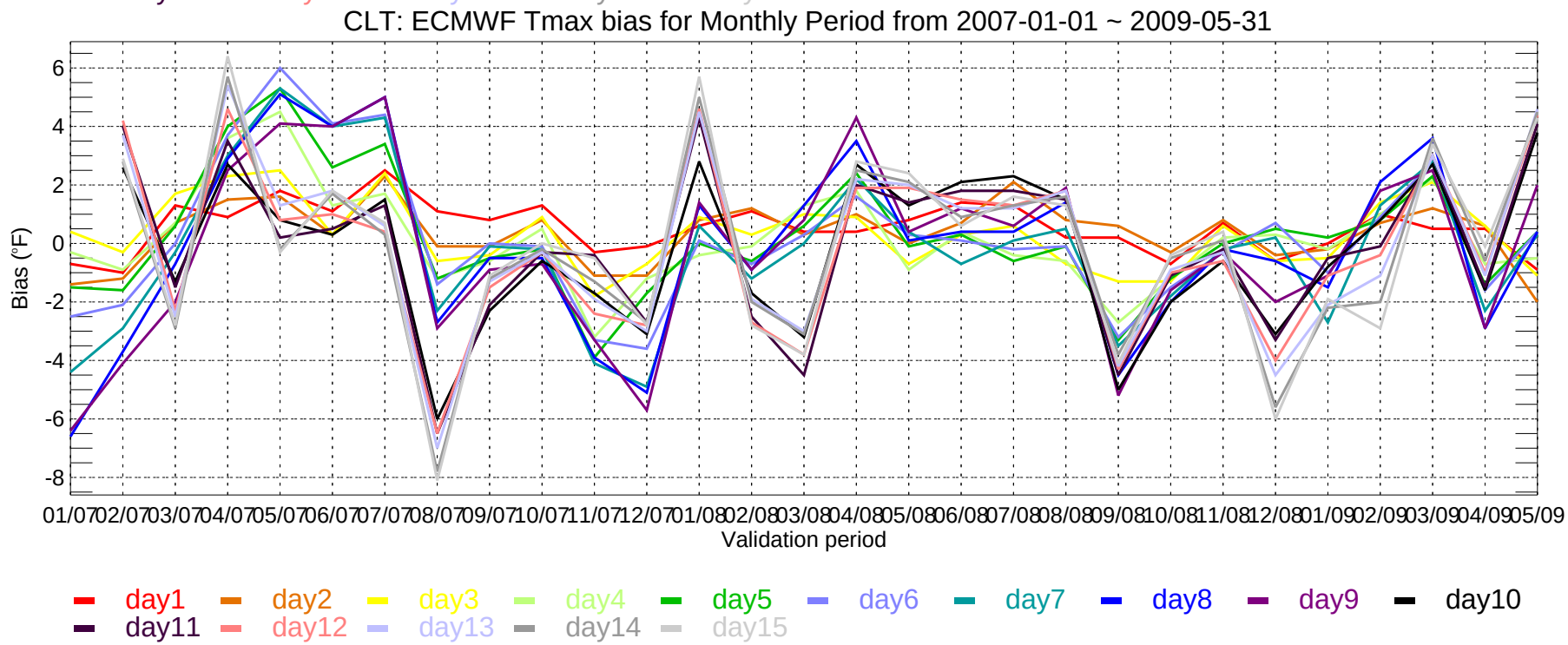

CLE: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

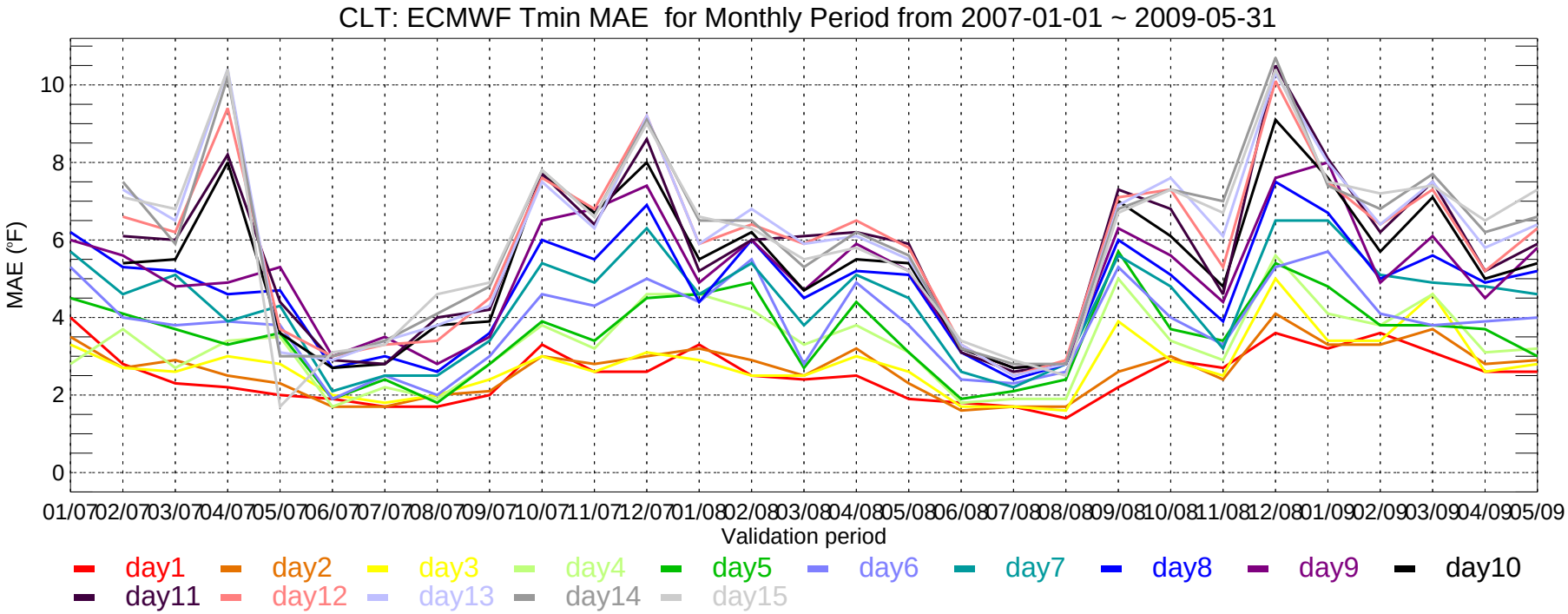

CLE: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

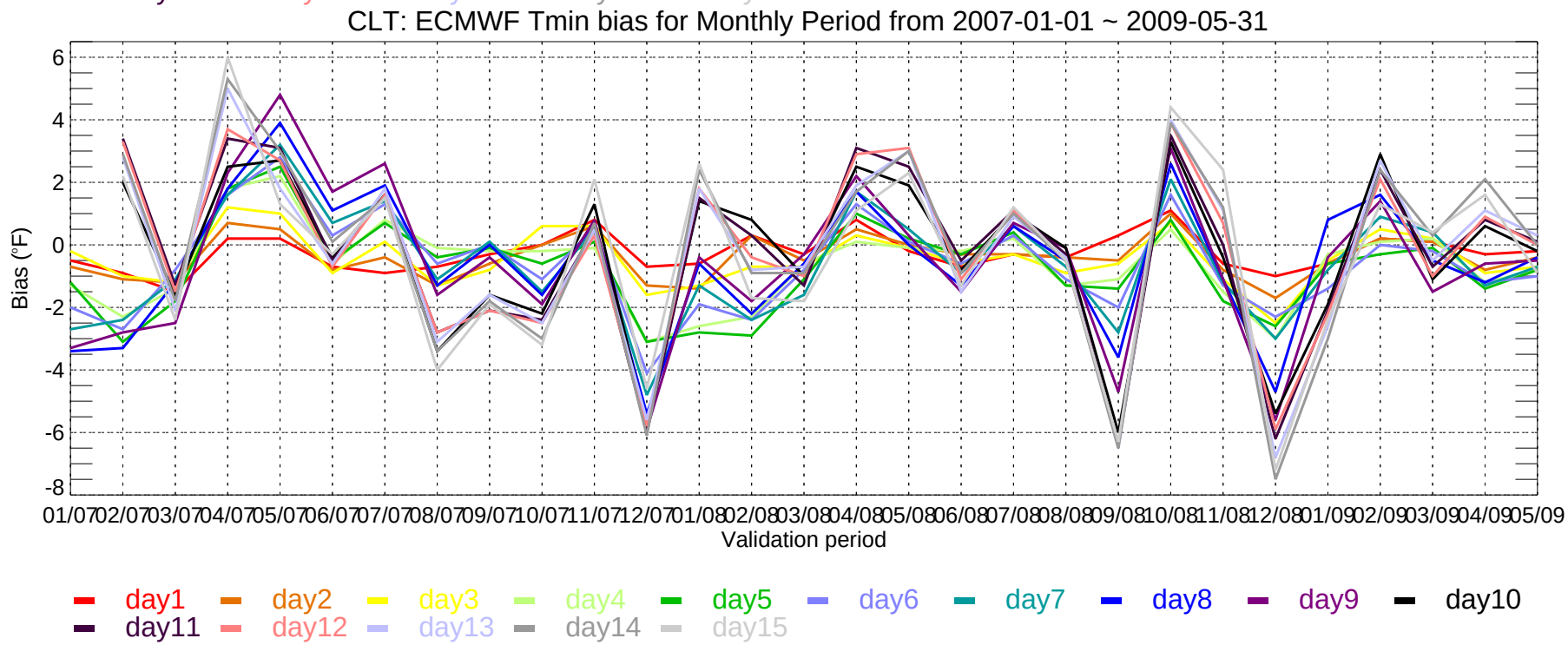

CLE: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

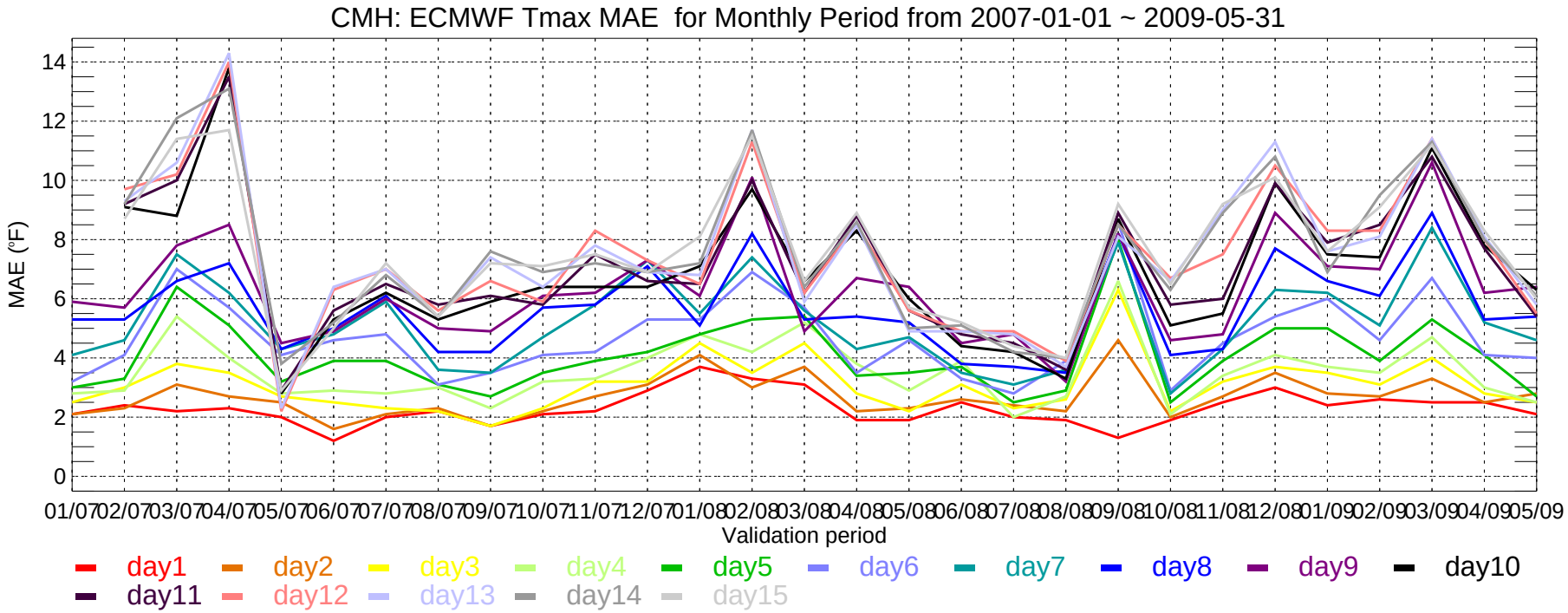

CLE: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

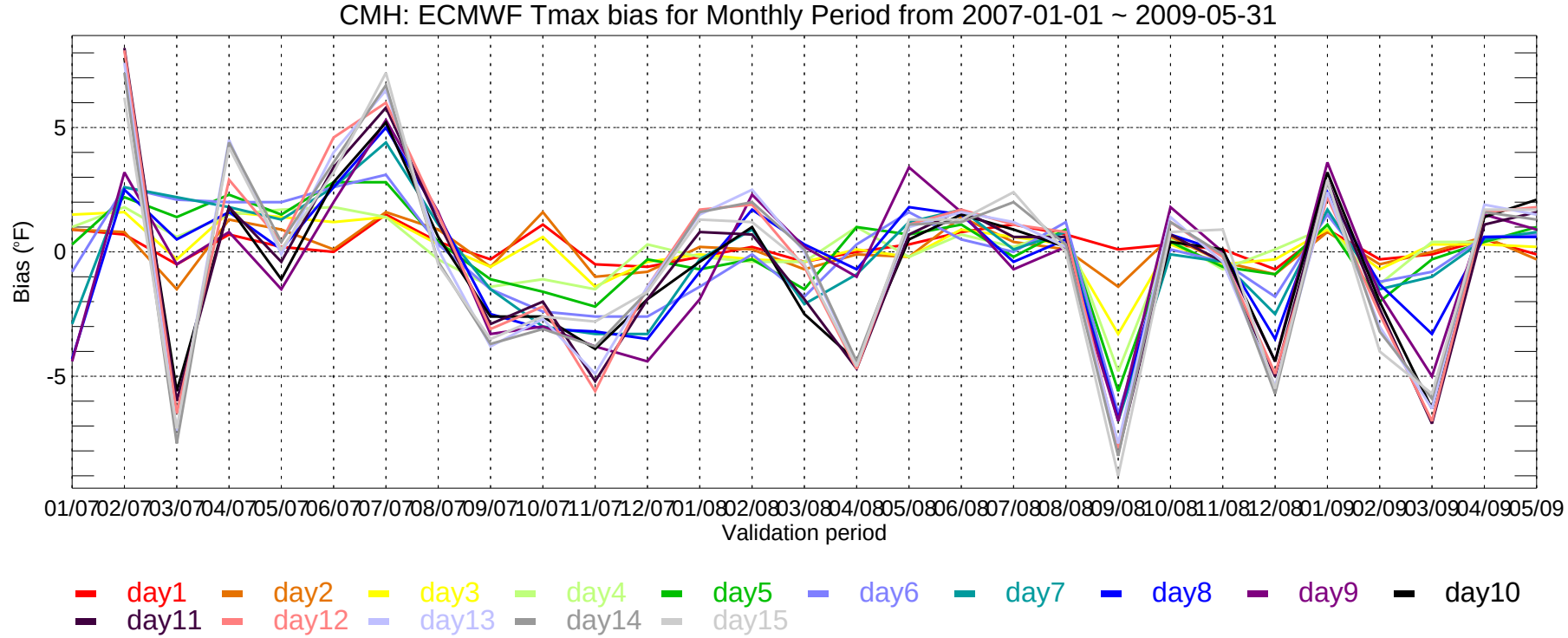

CLT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

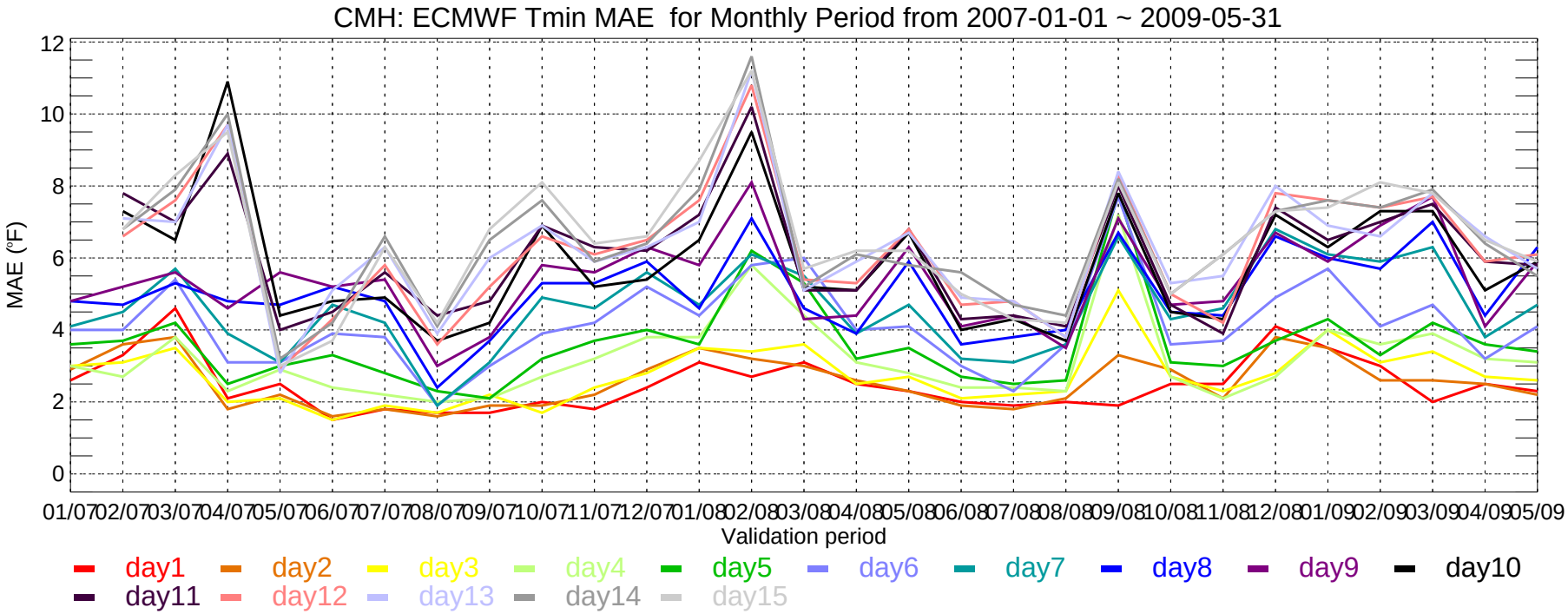

CLT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

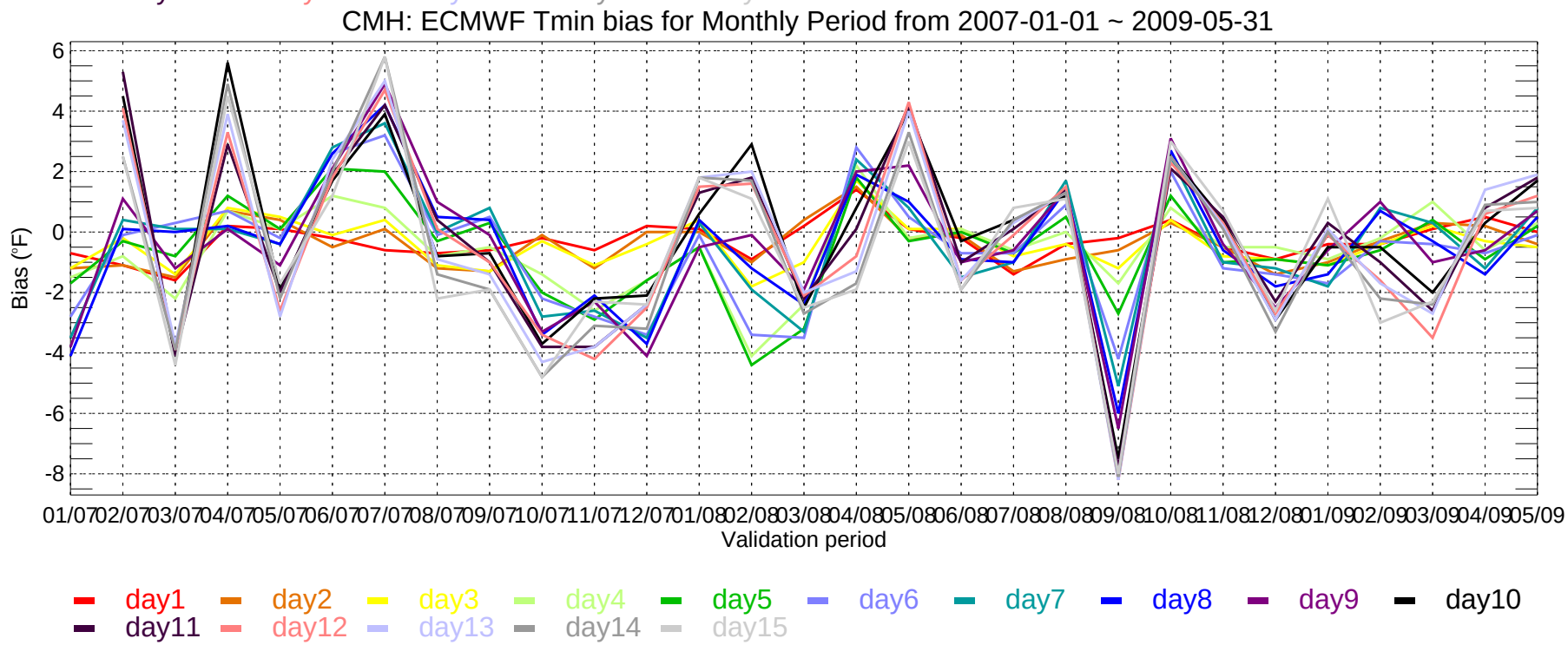

CLT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

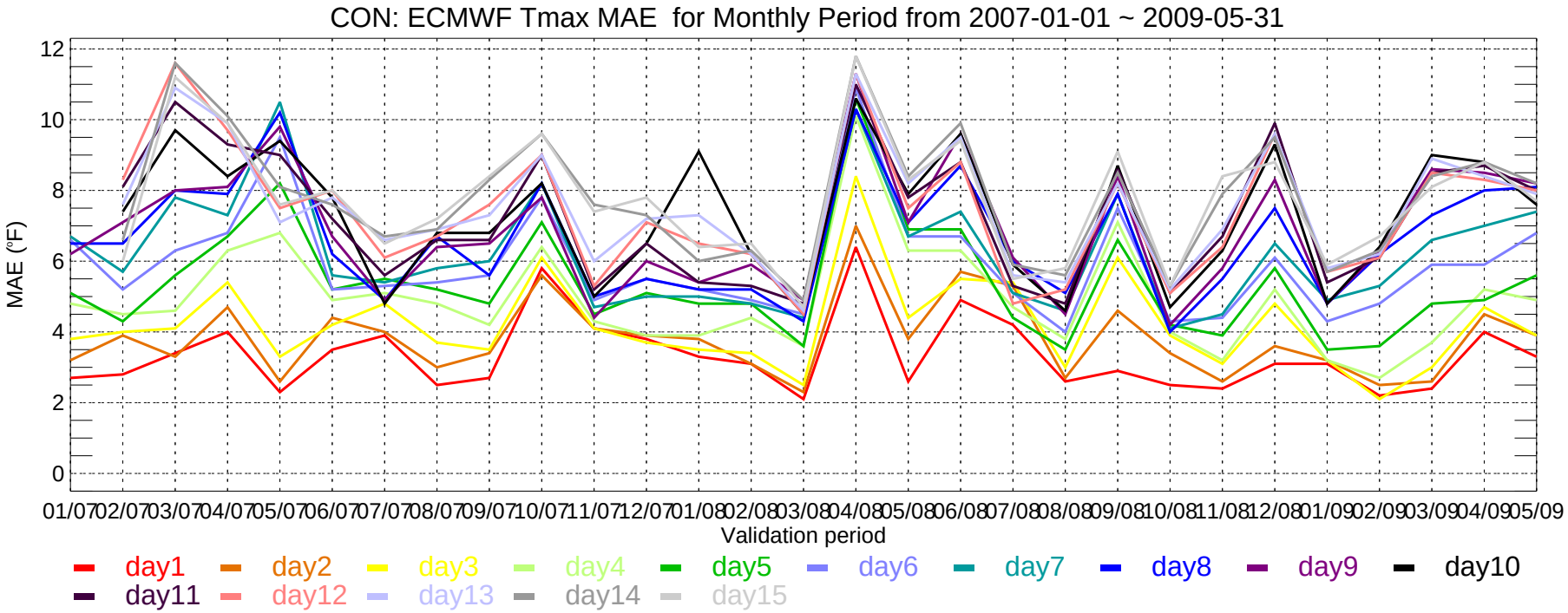

CLT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

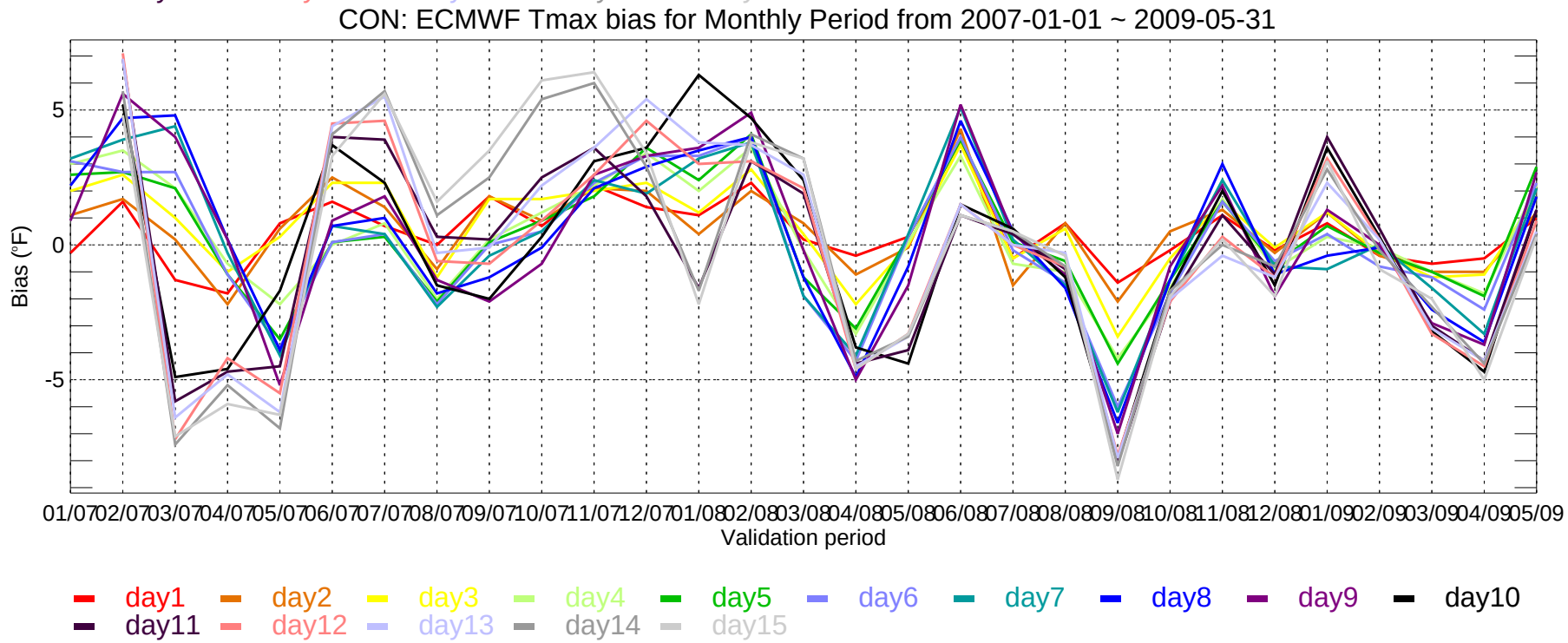

CMH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

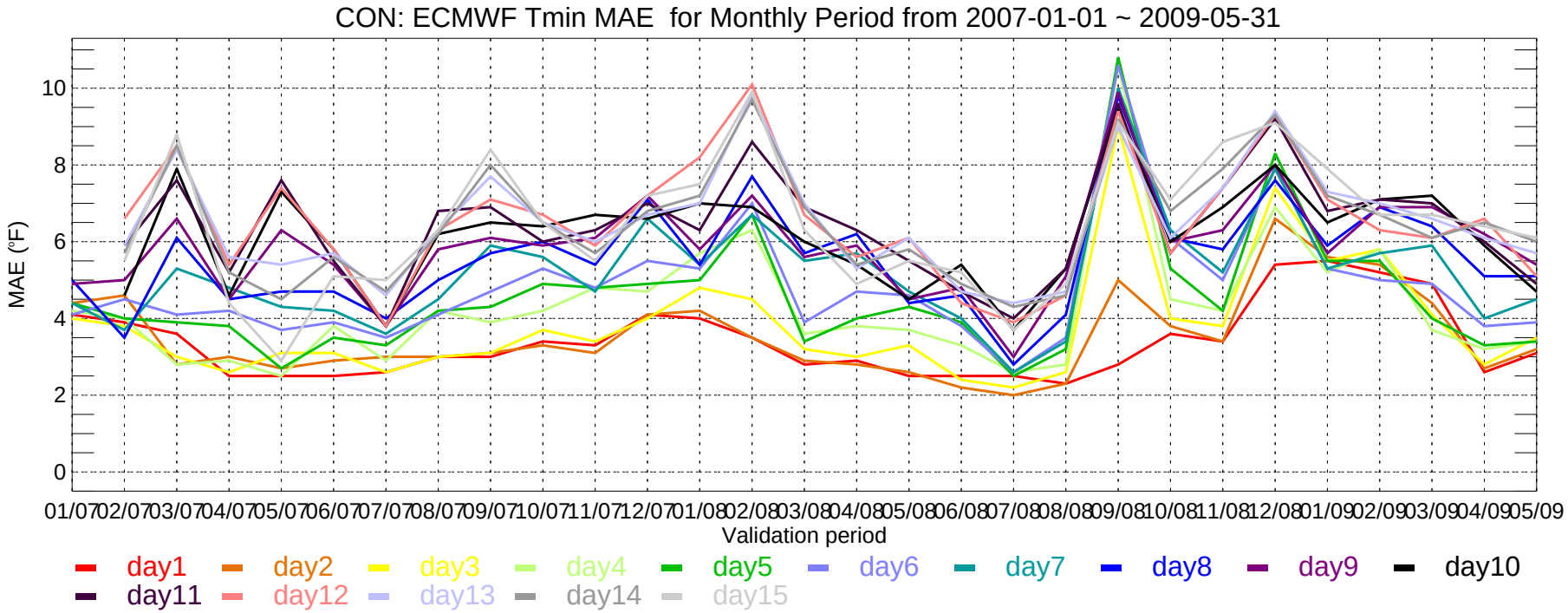

CMH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

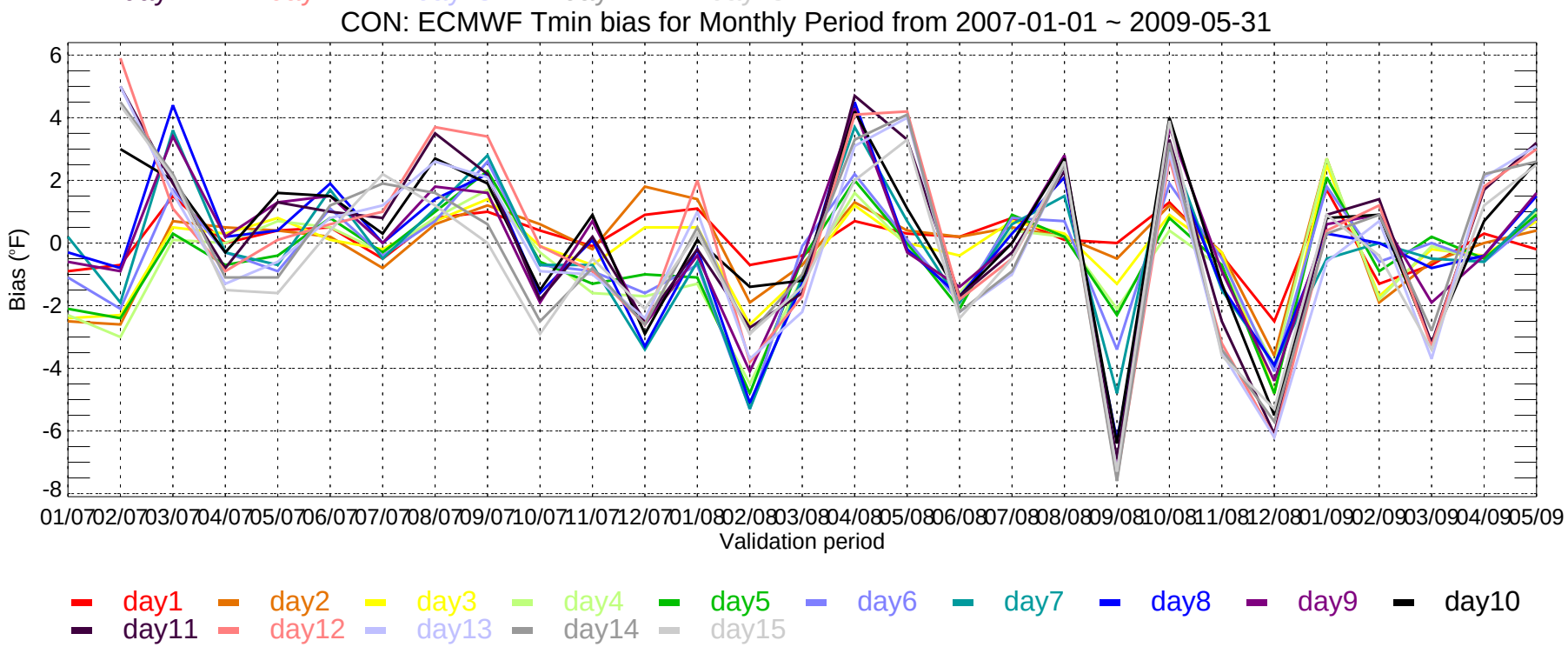

CMH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

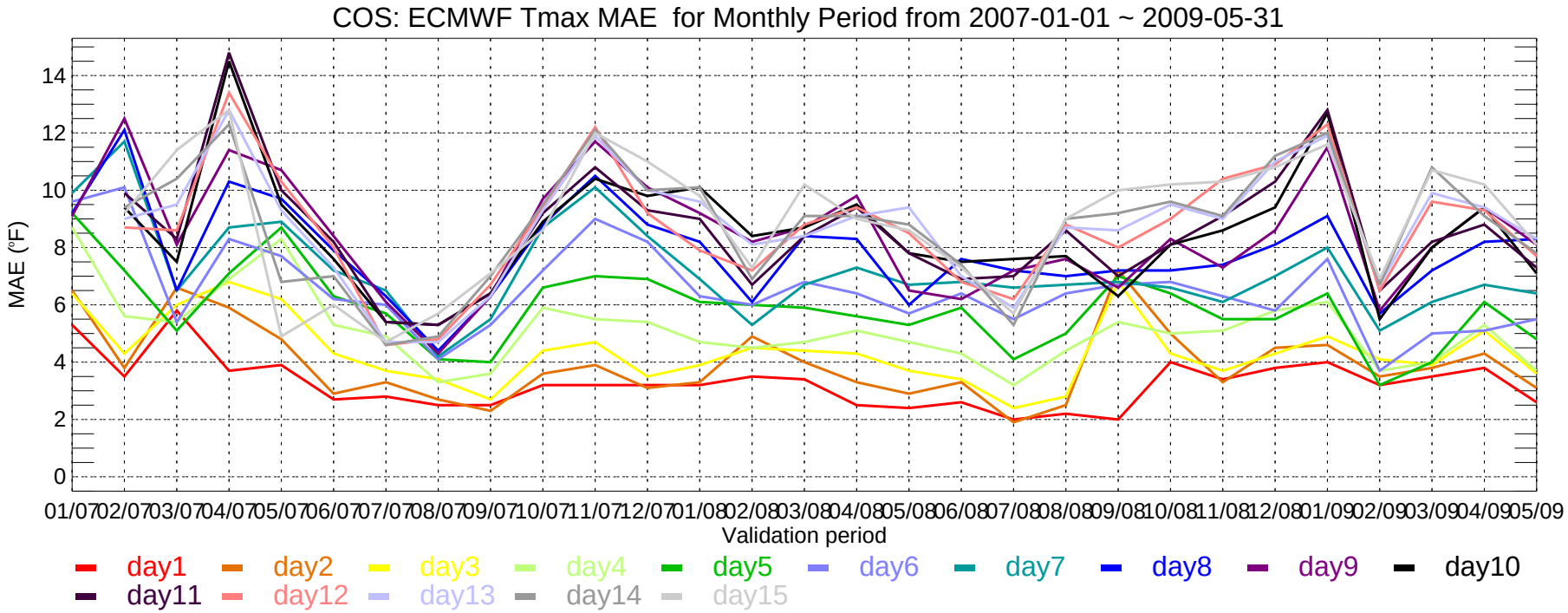

CMH: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

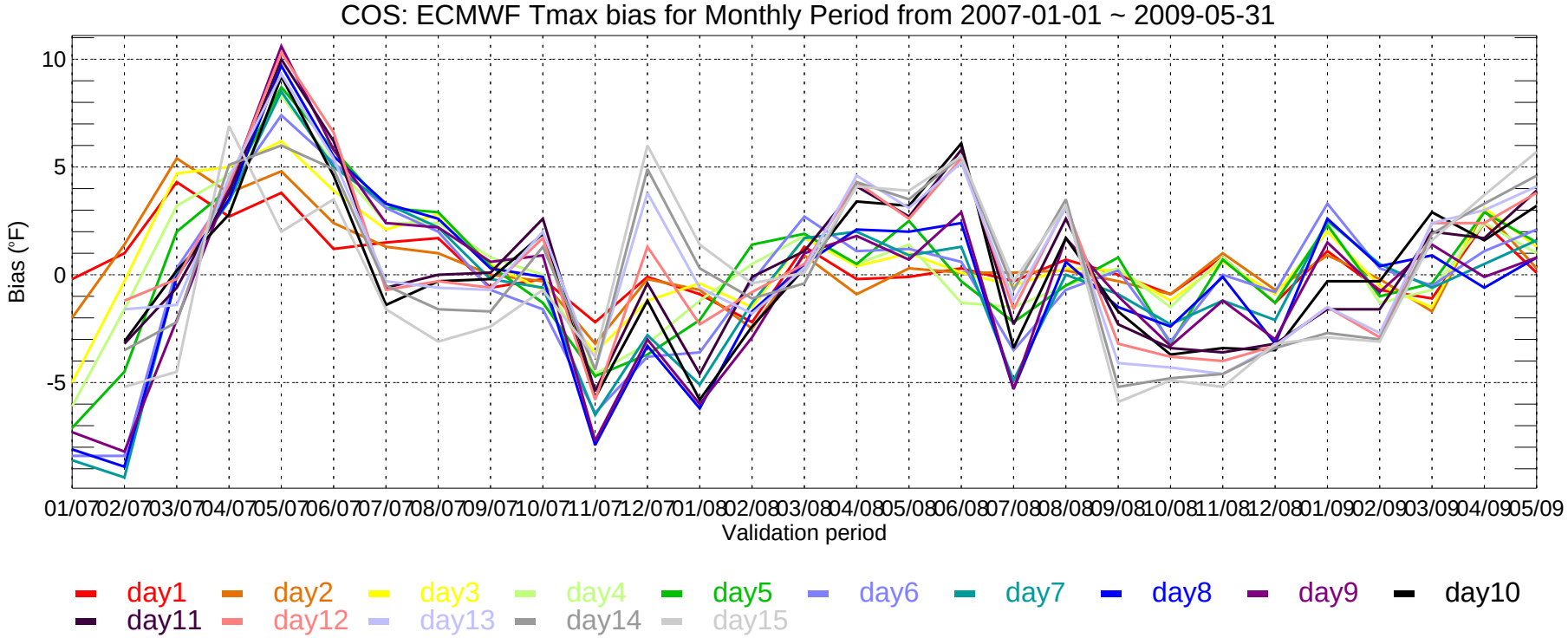

CON: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

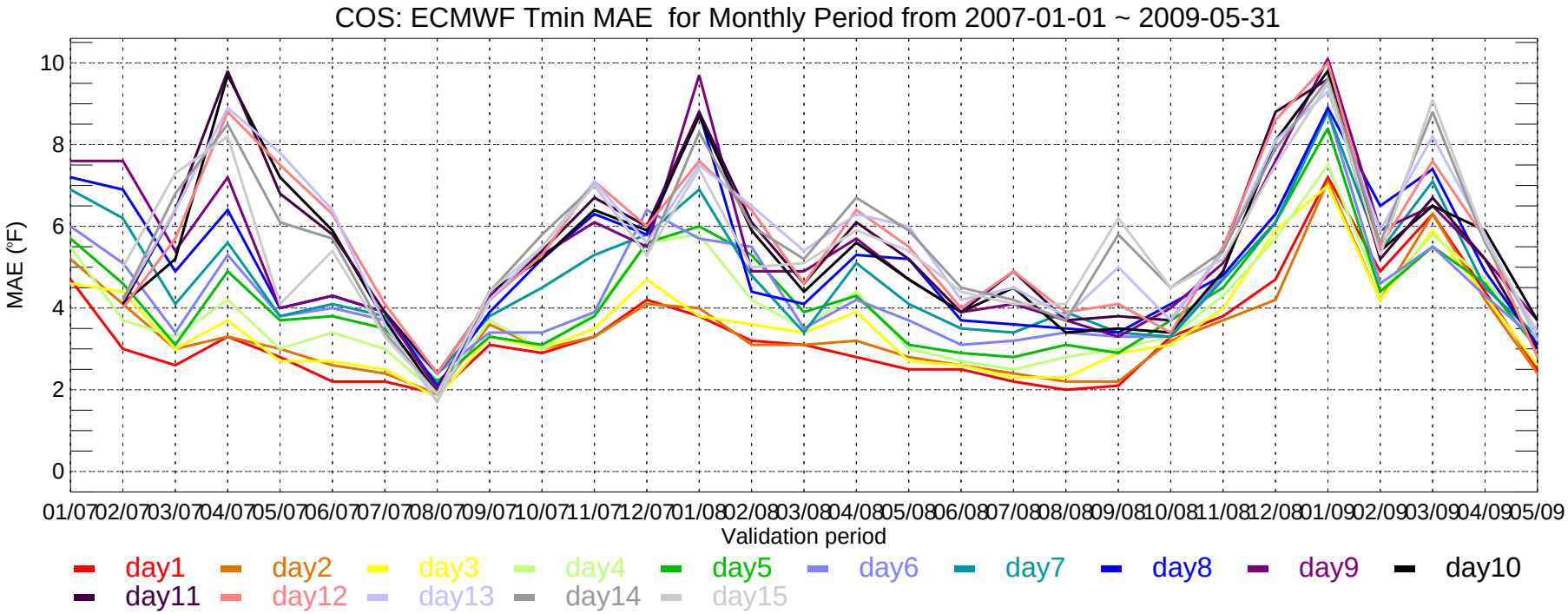

CON: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

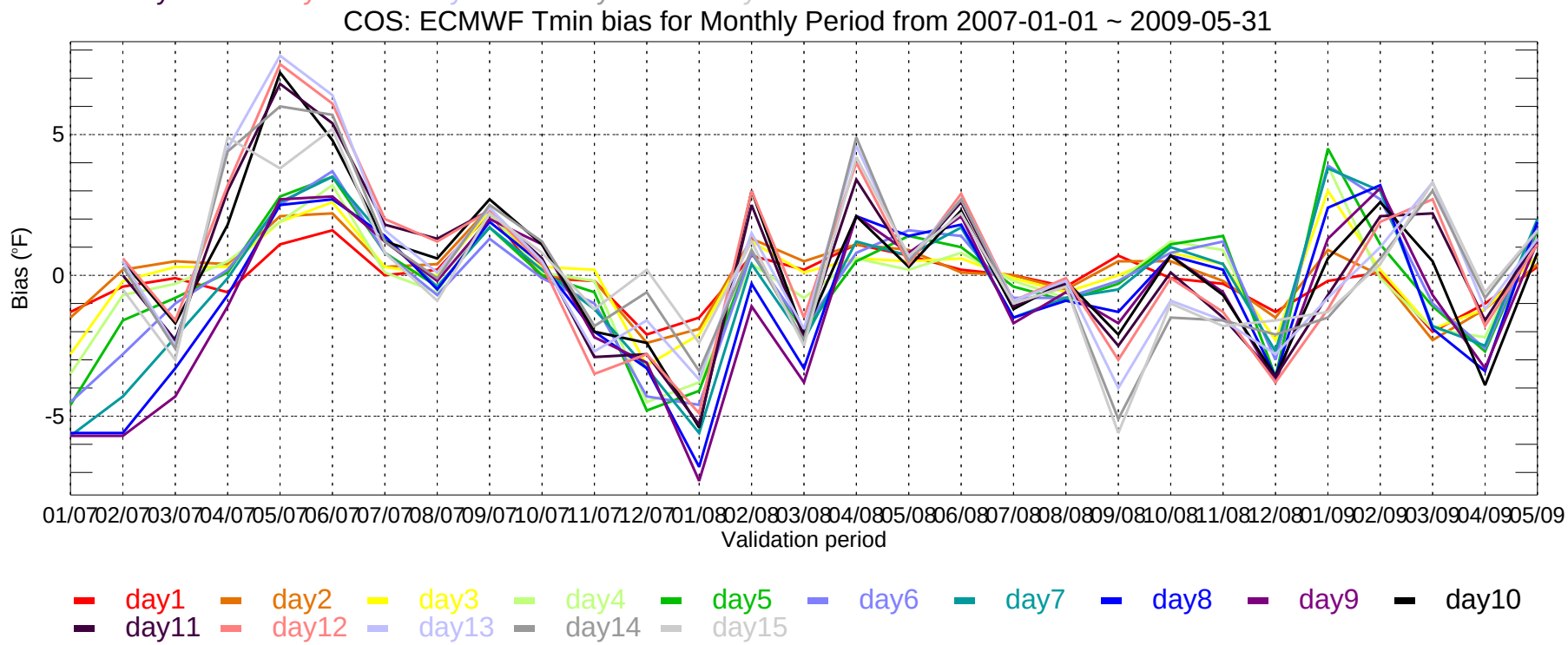

CON: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

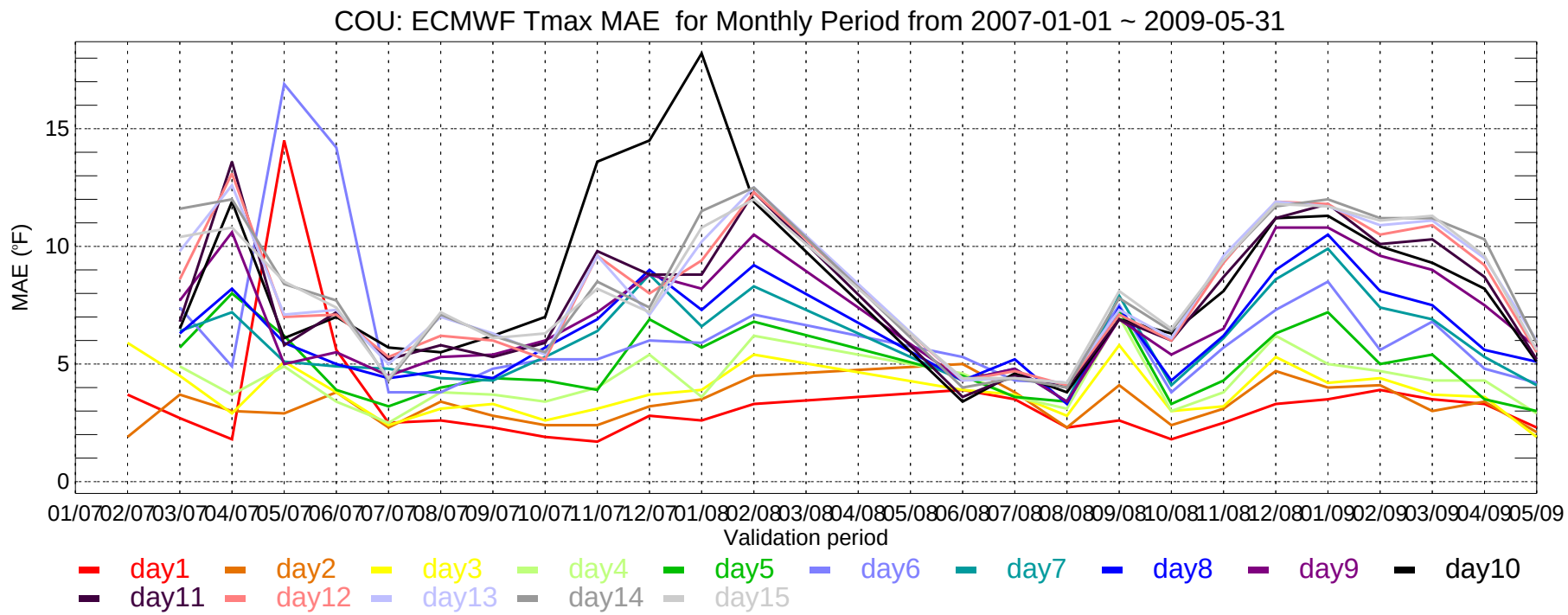

CON: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

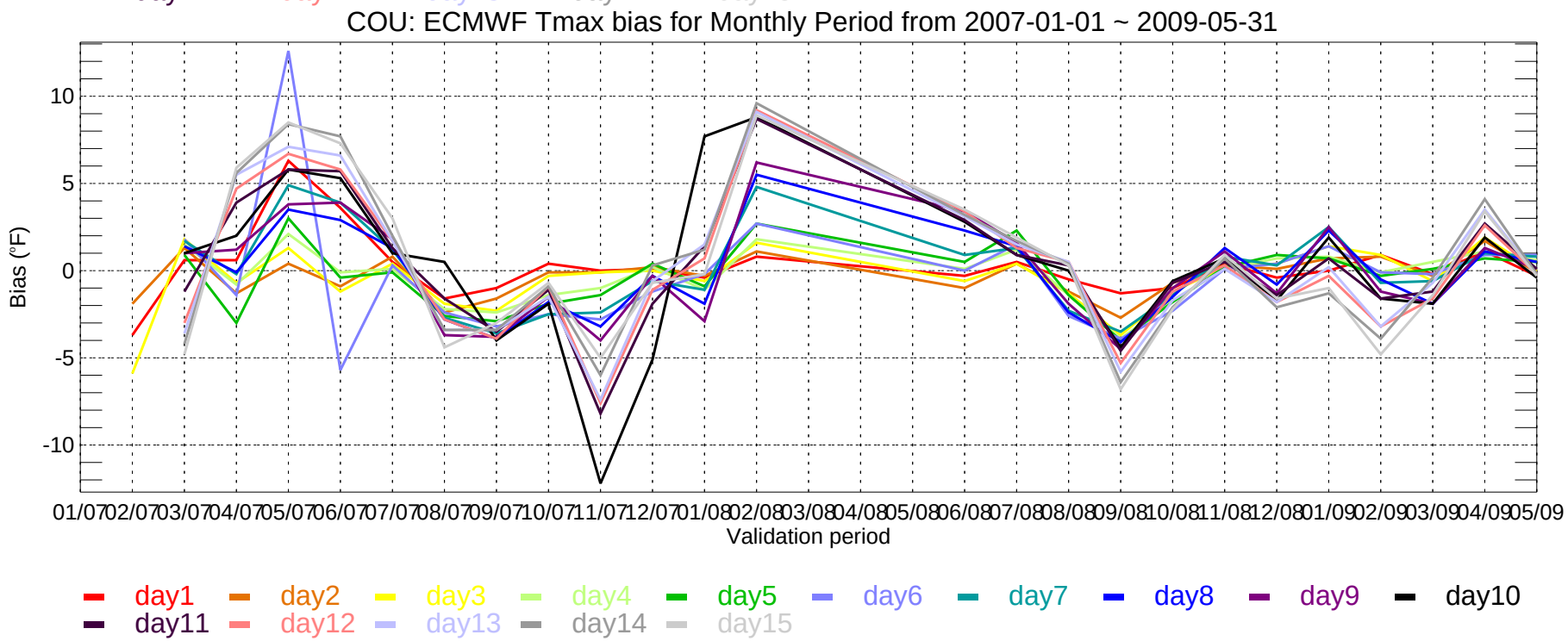

COS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

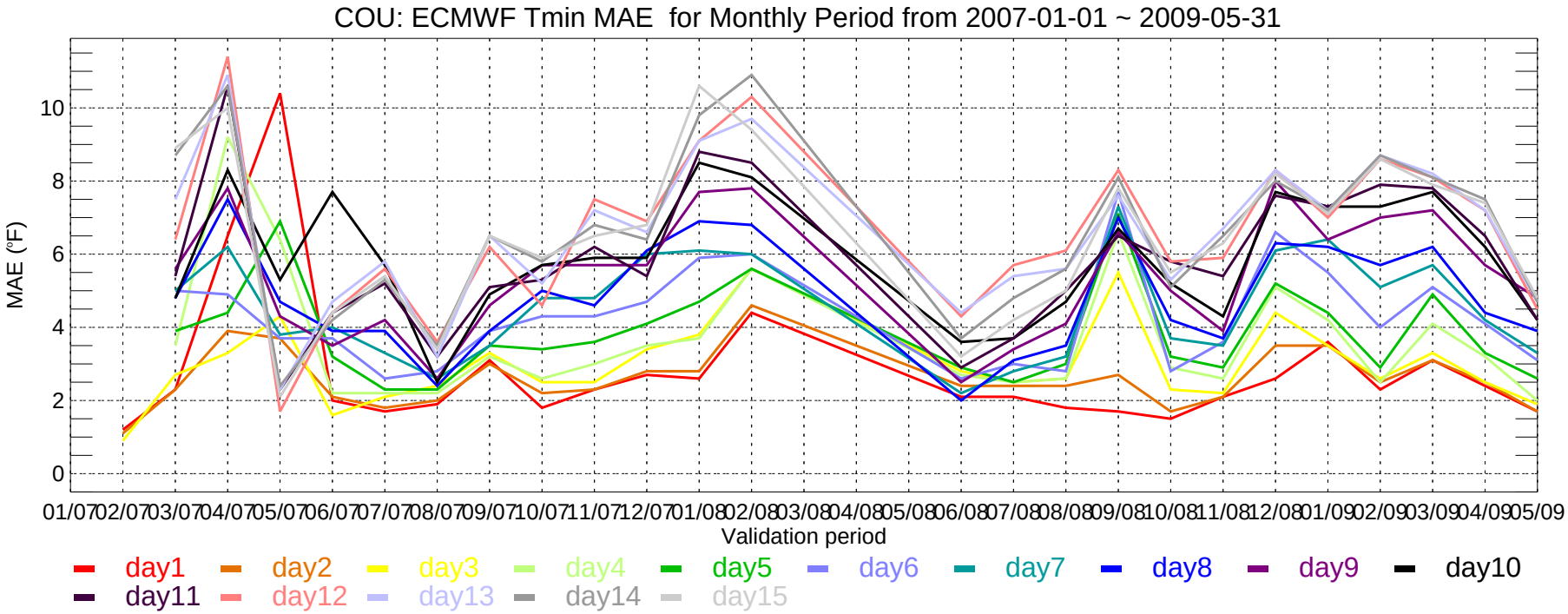

COS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

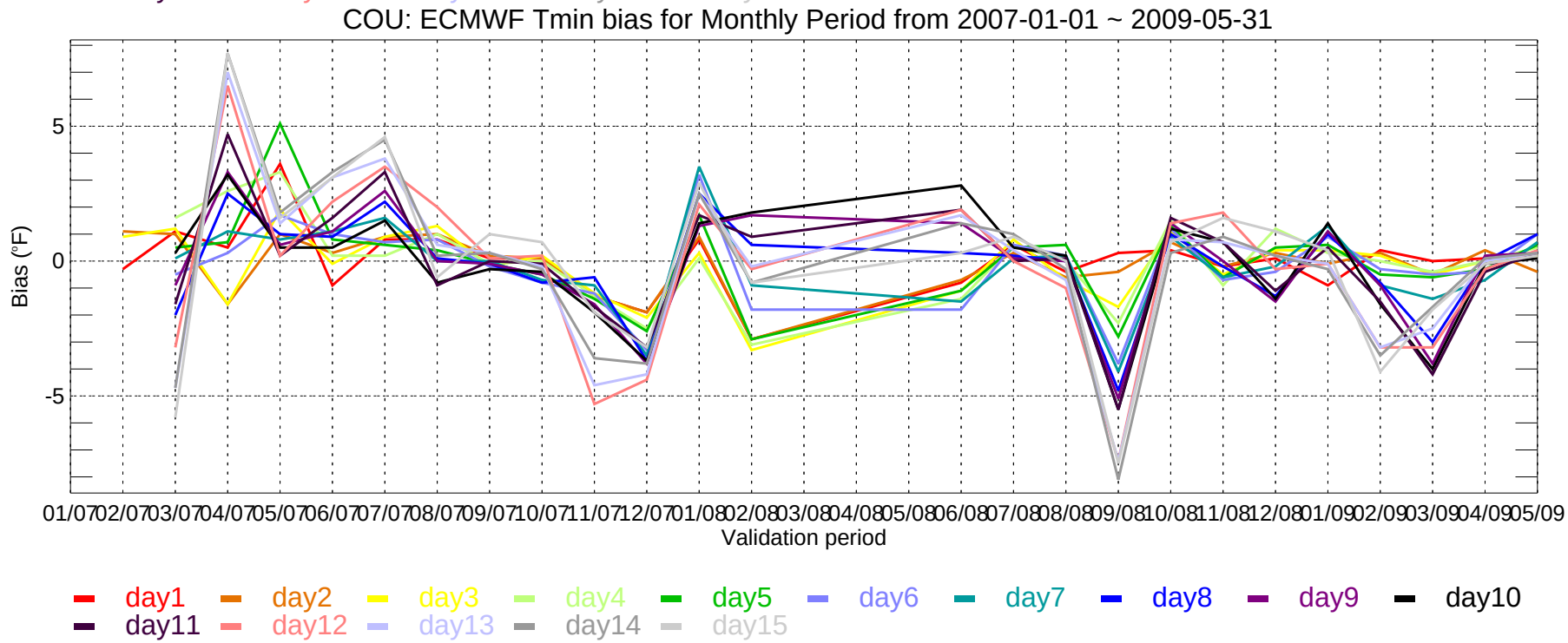

COS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

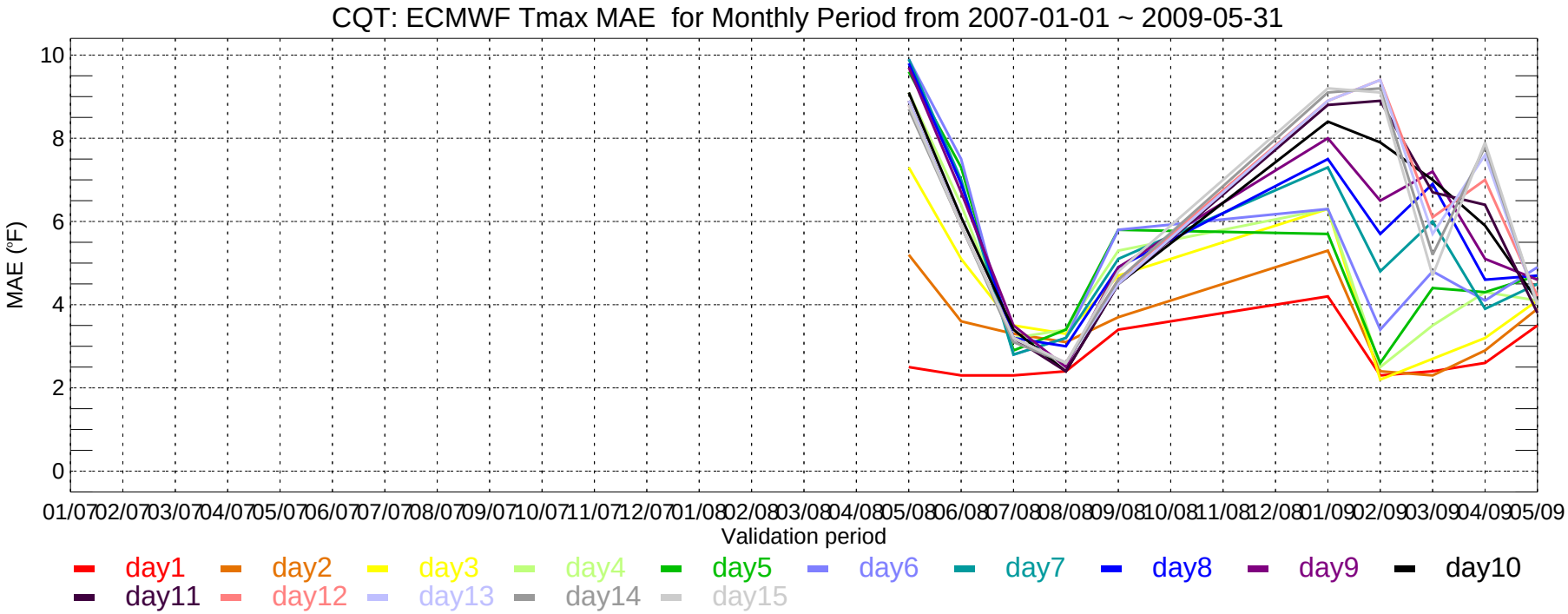

COS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

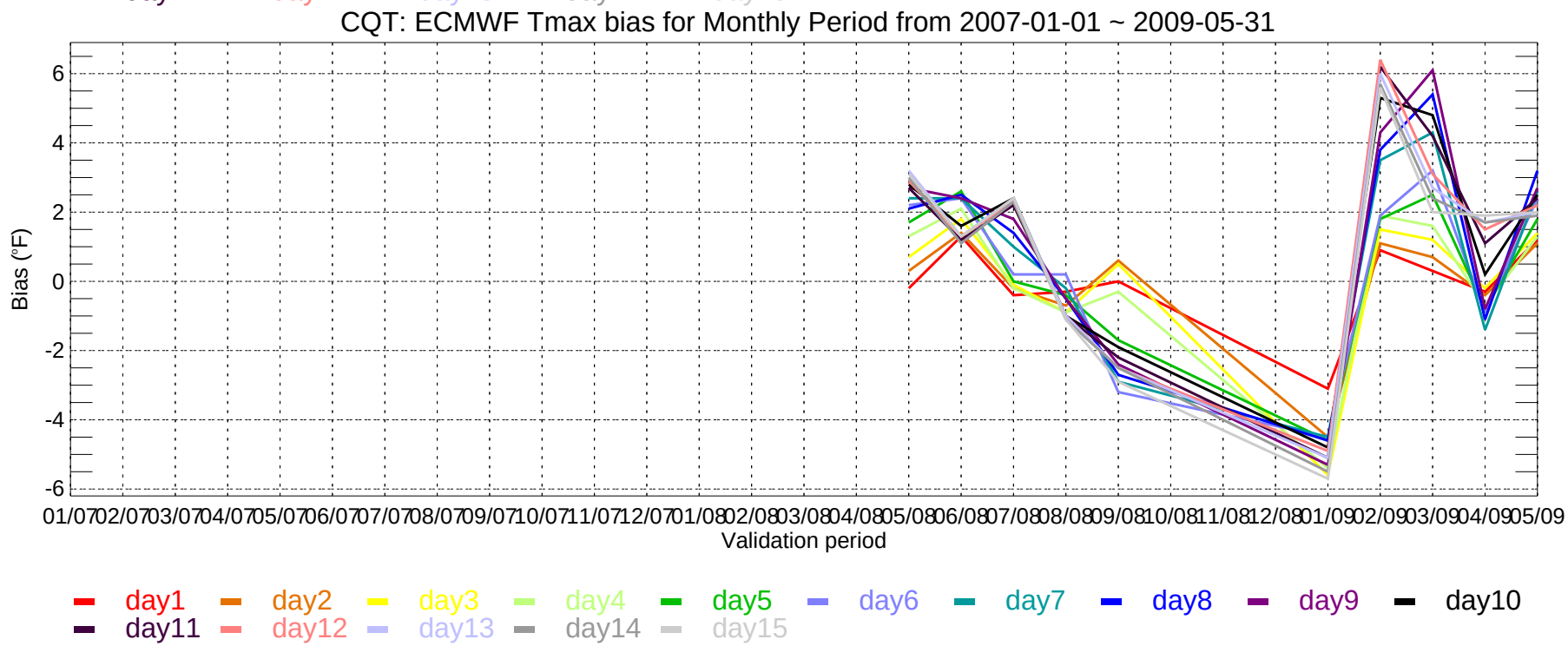

COU: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

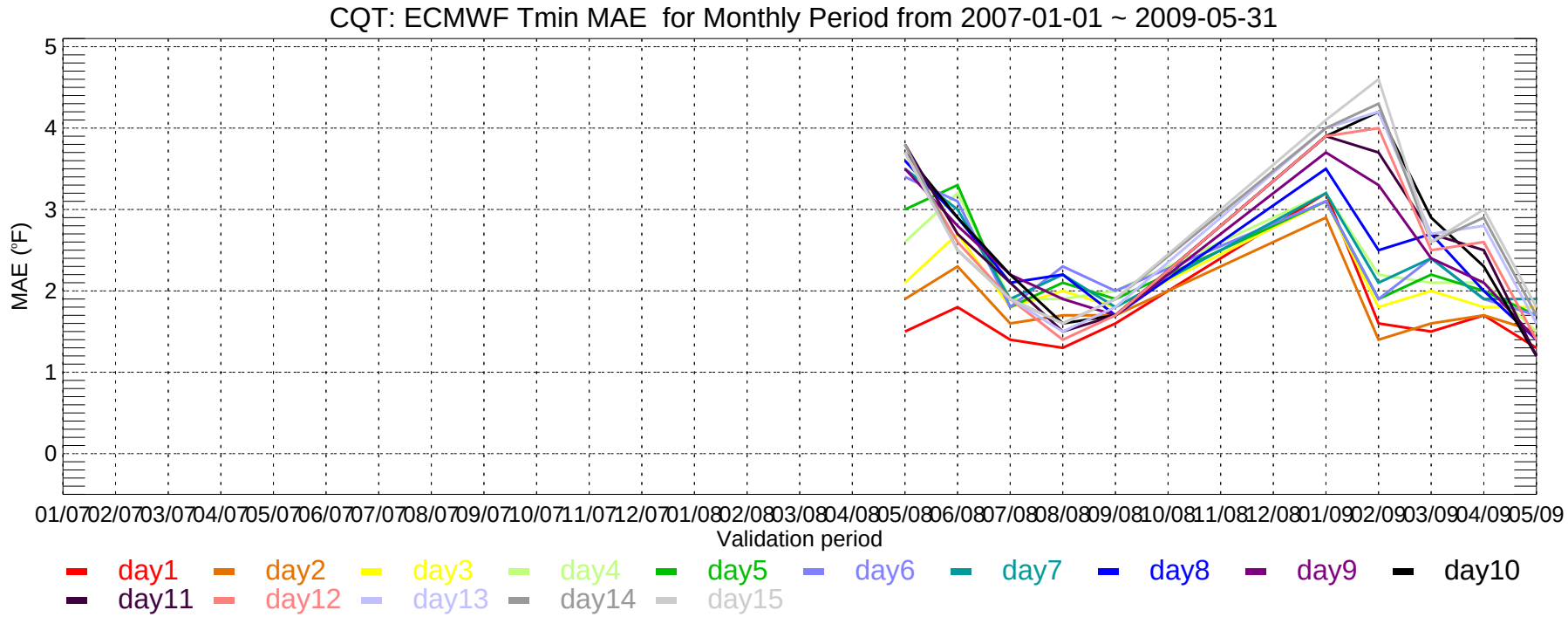

COU: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

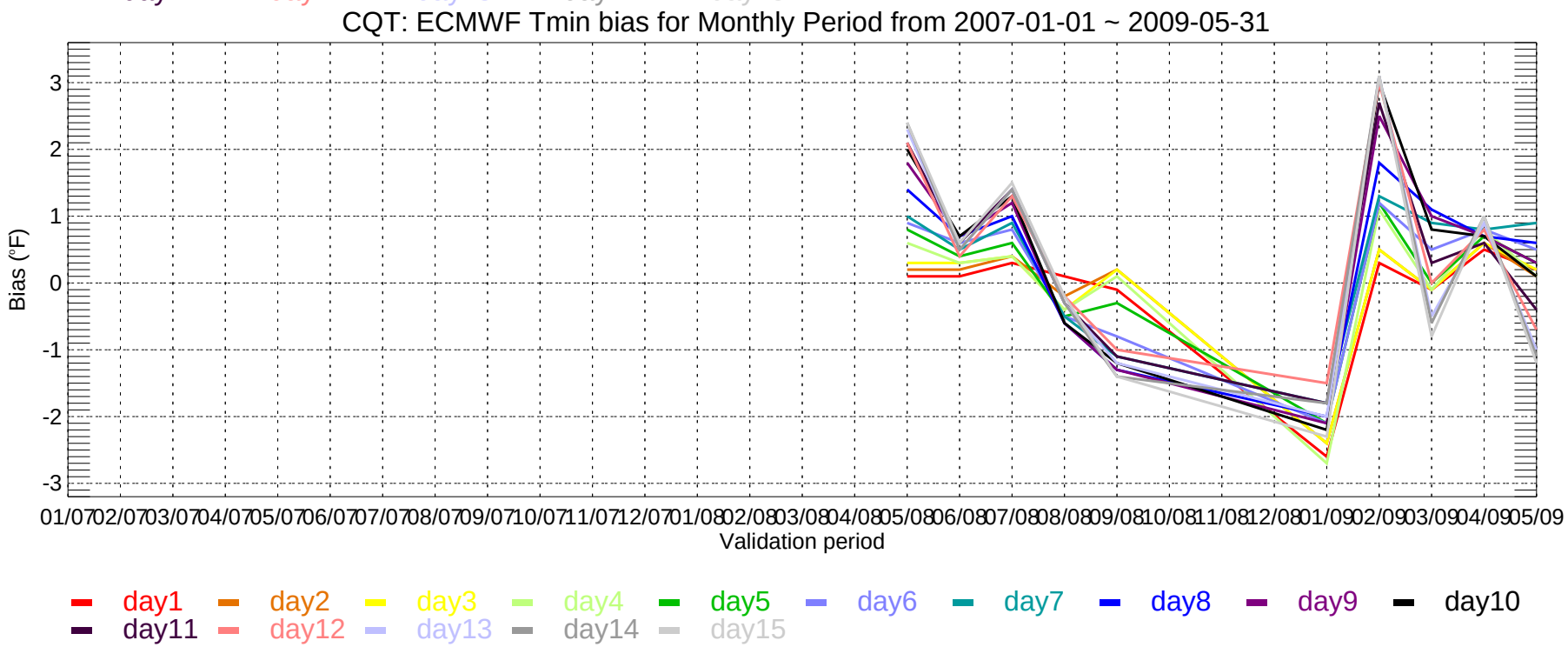

COU: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

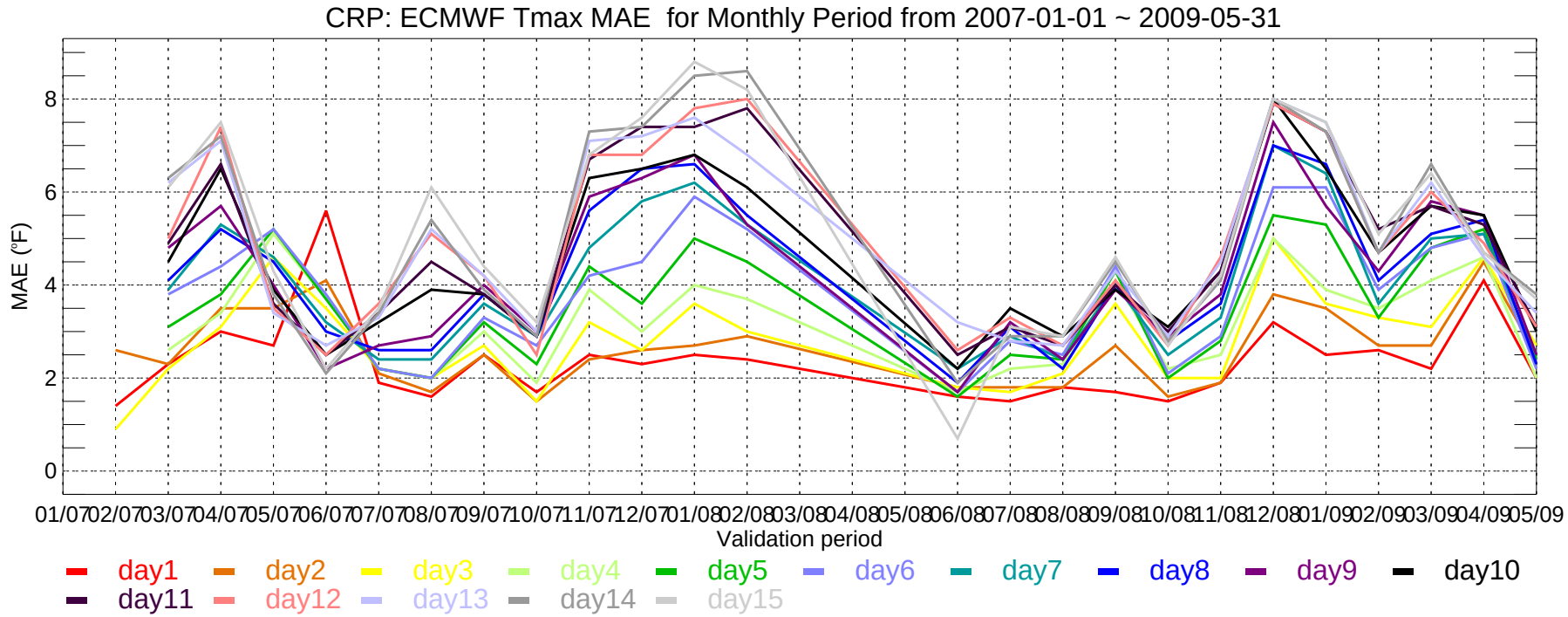

COU: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

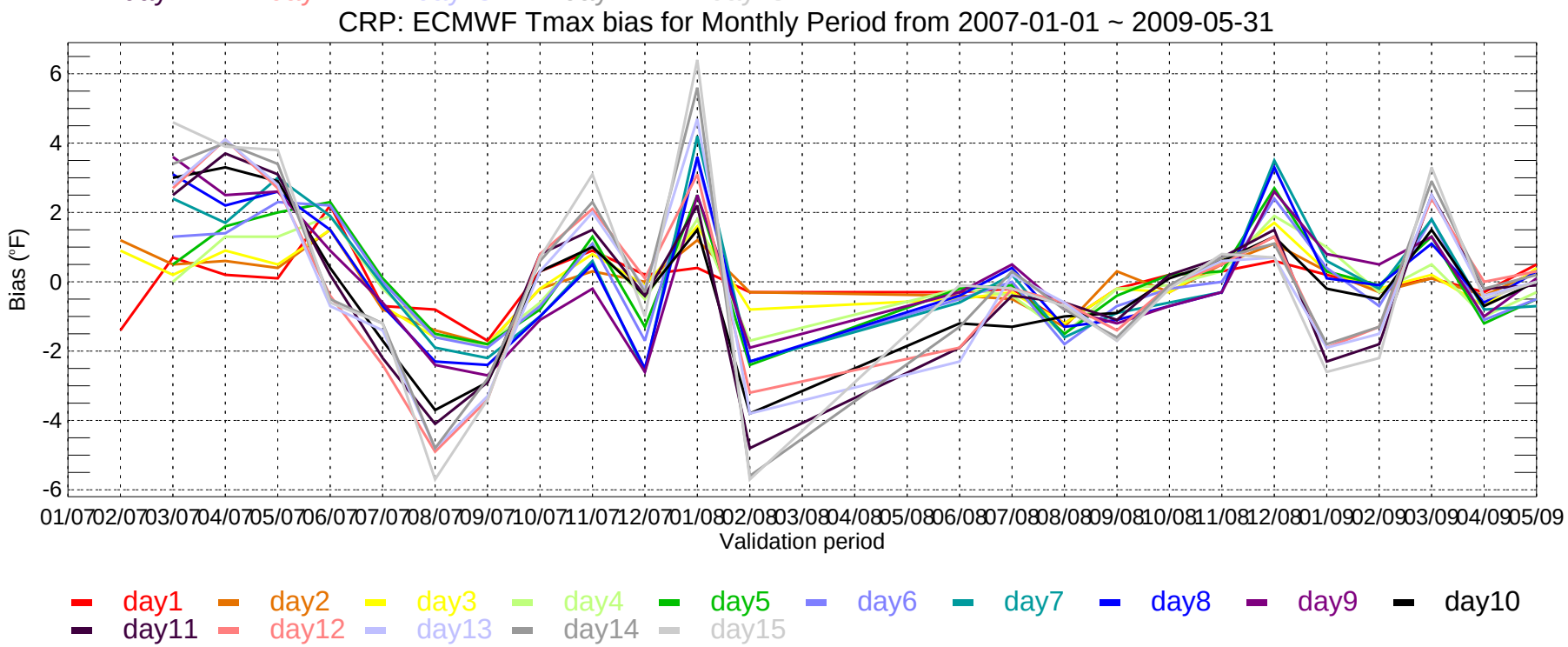

CQT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

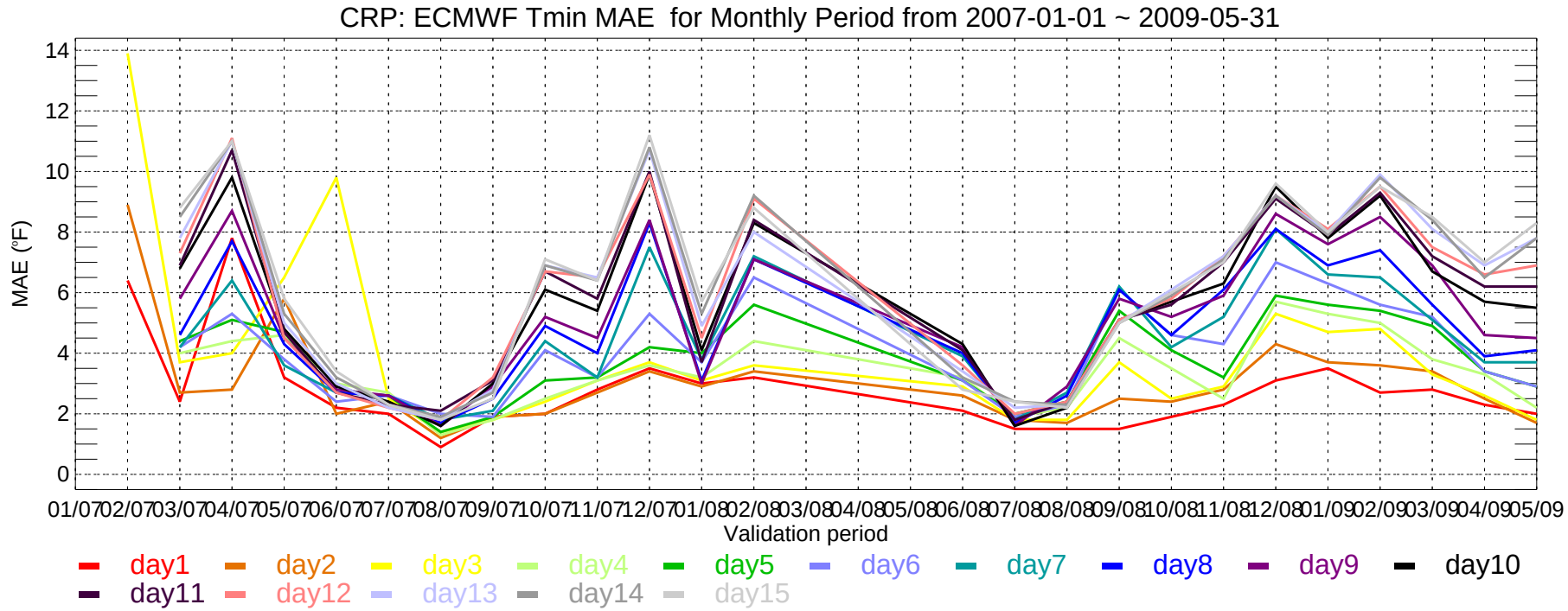

CQT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

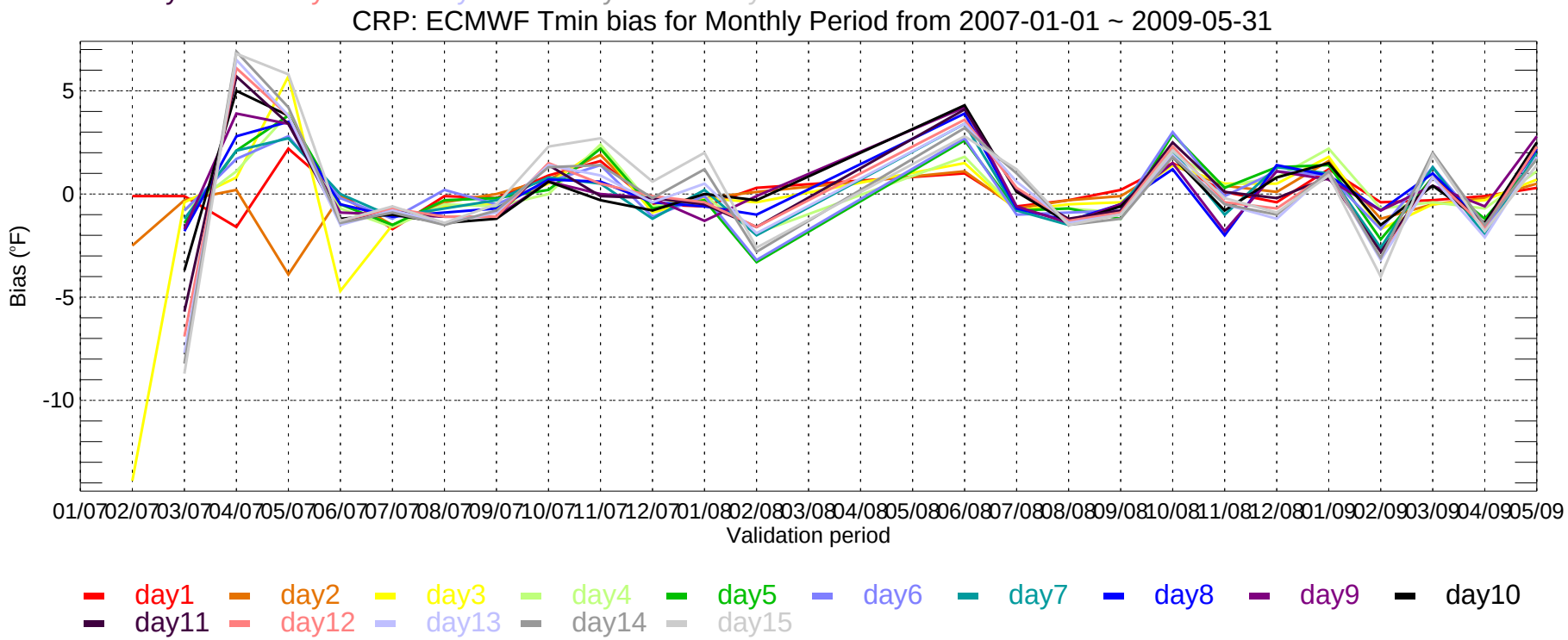

CQT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
5
4
3
2
1
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

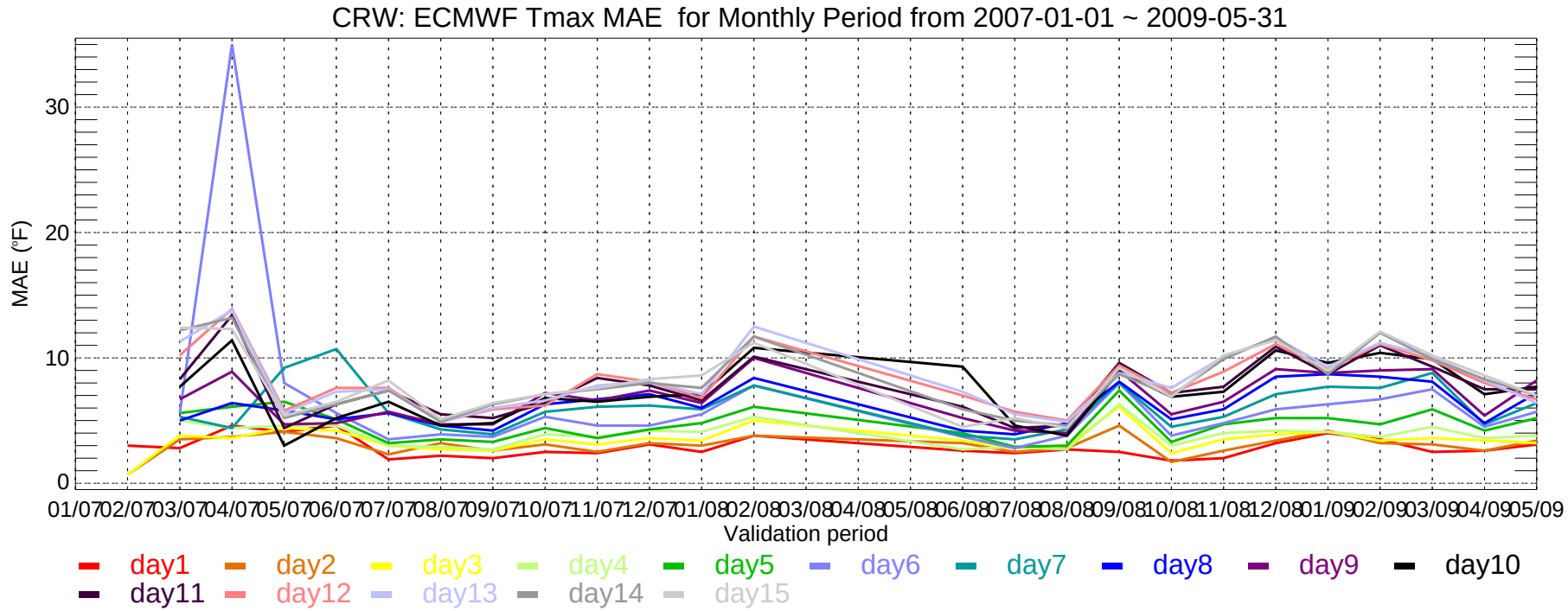

CQT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
3
2
1
0
-1
-2
-3
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

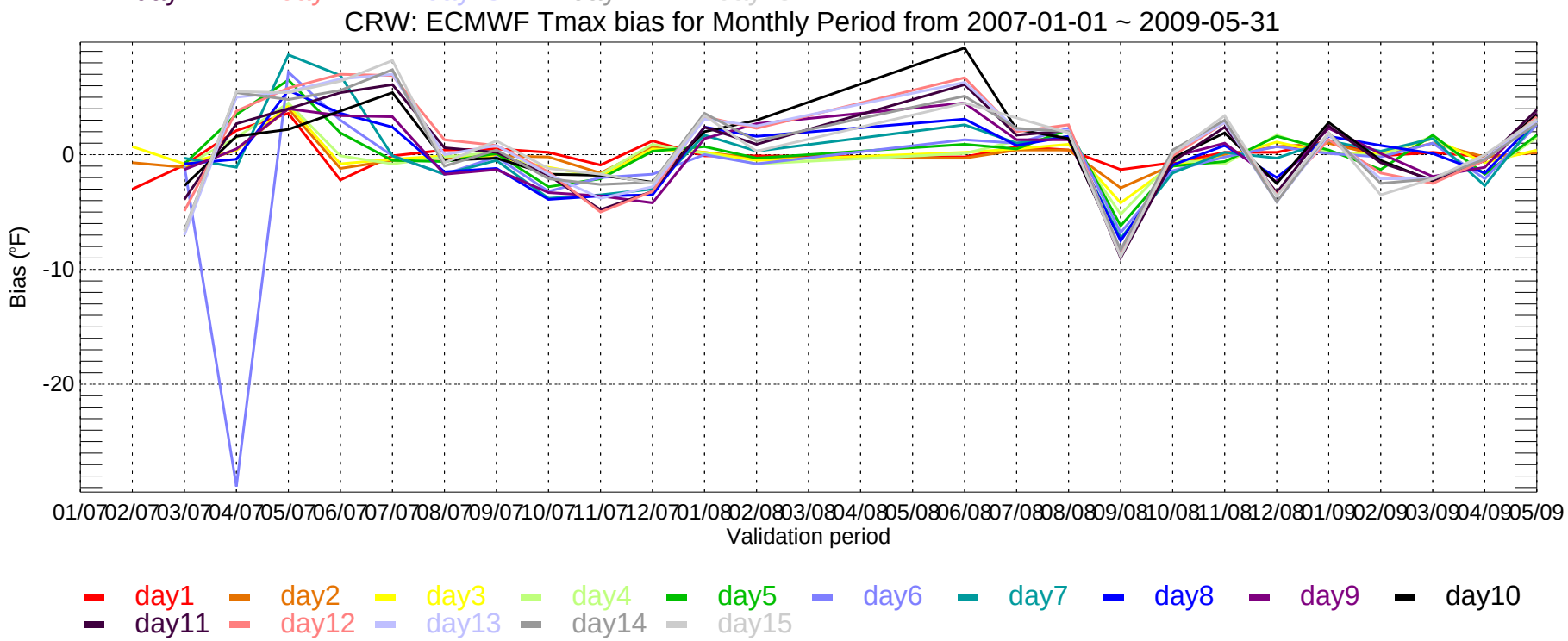

CRP: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

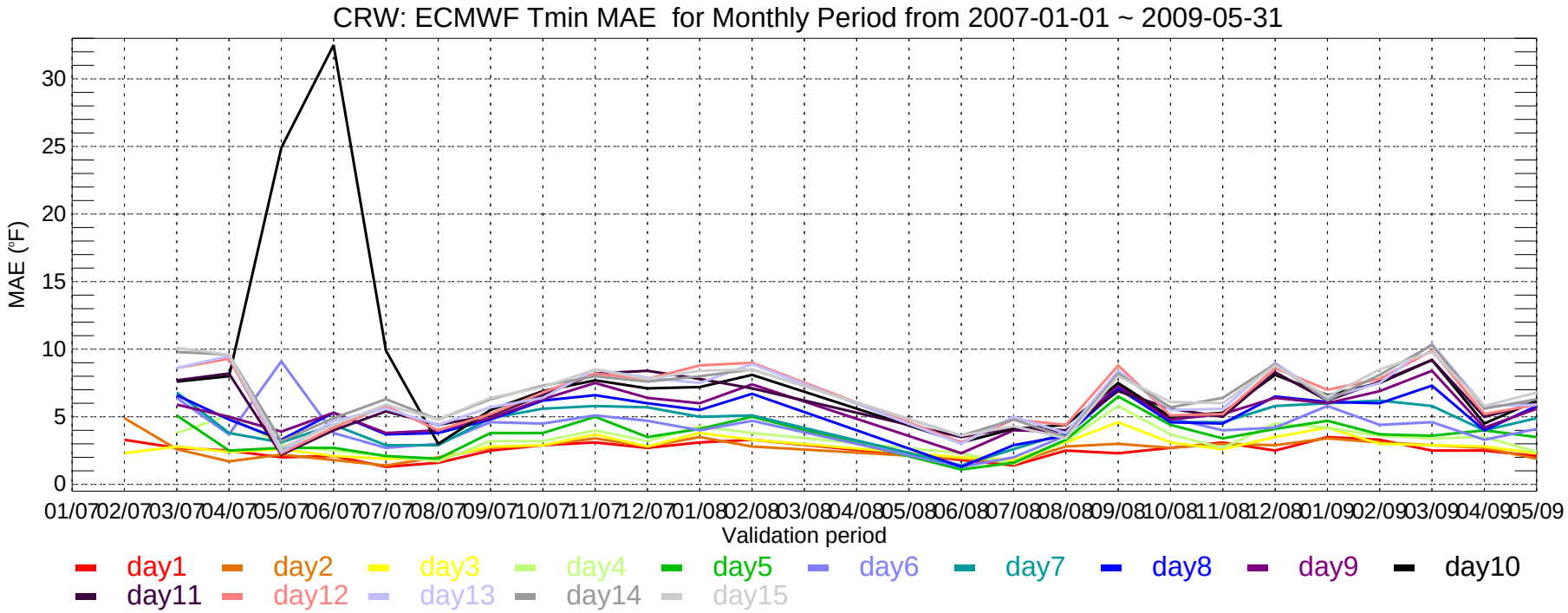

CRP: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

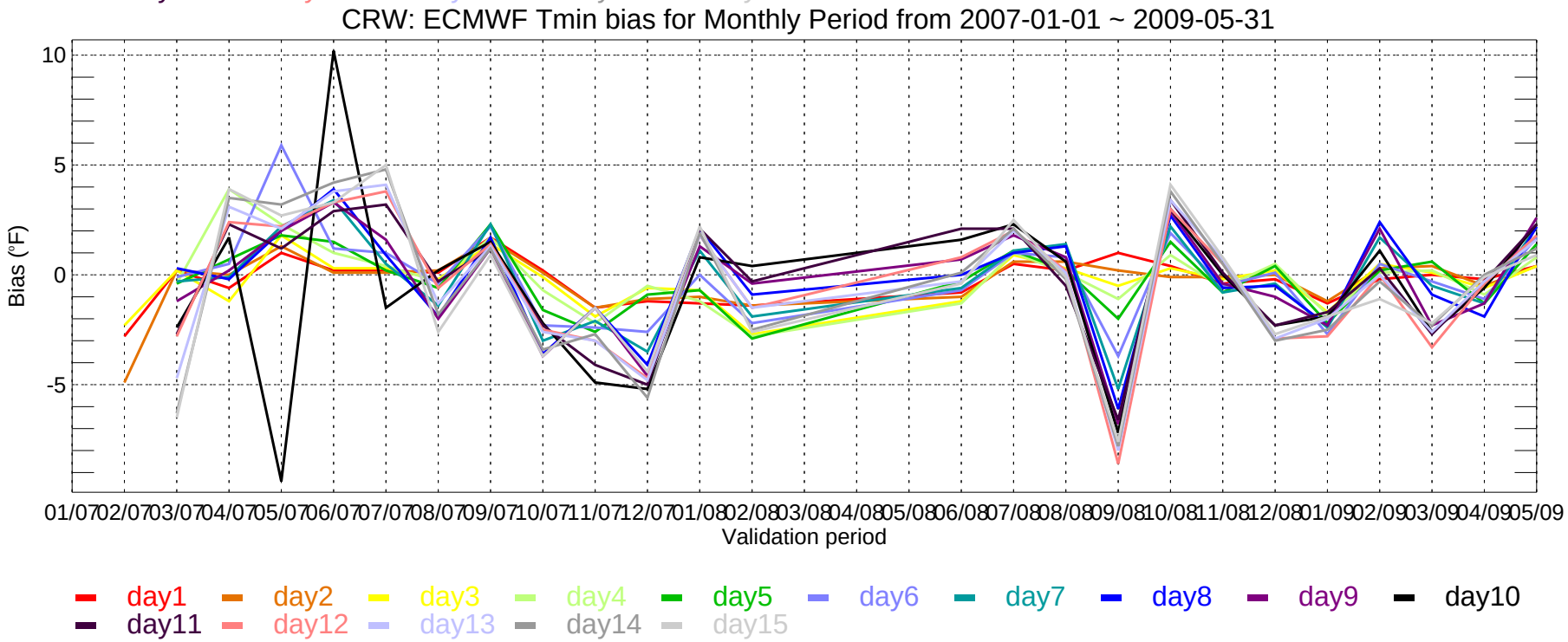

CRP: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

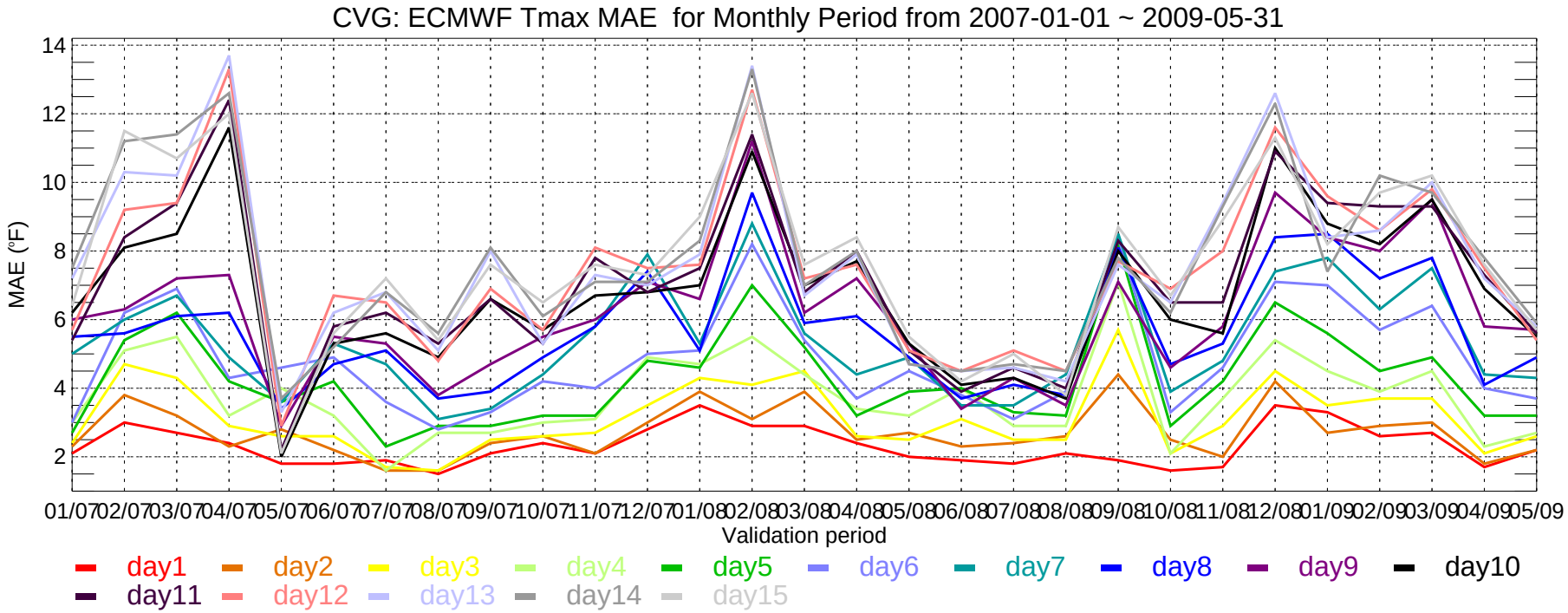

CRP: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

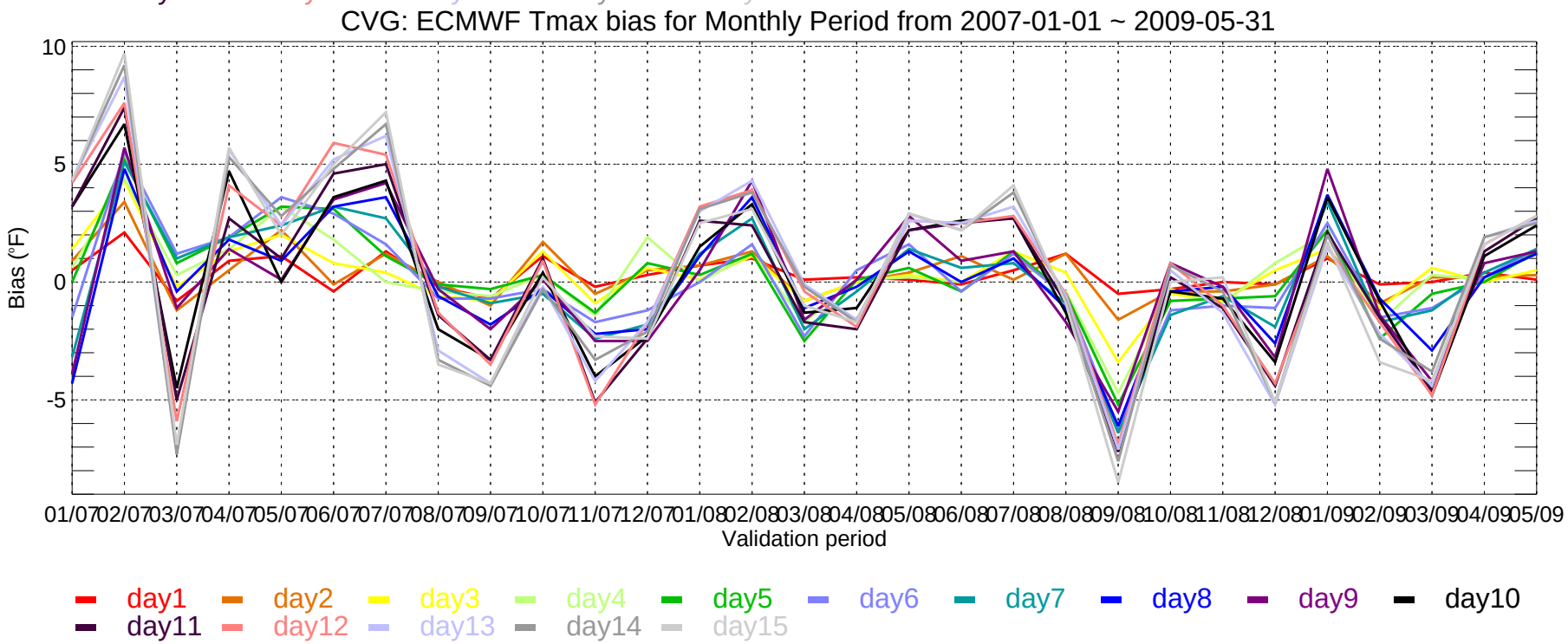

CRW: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
30
20
10
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

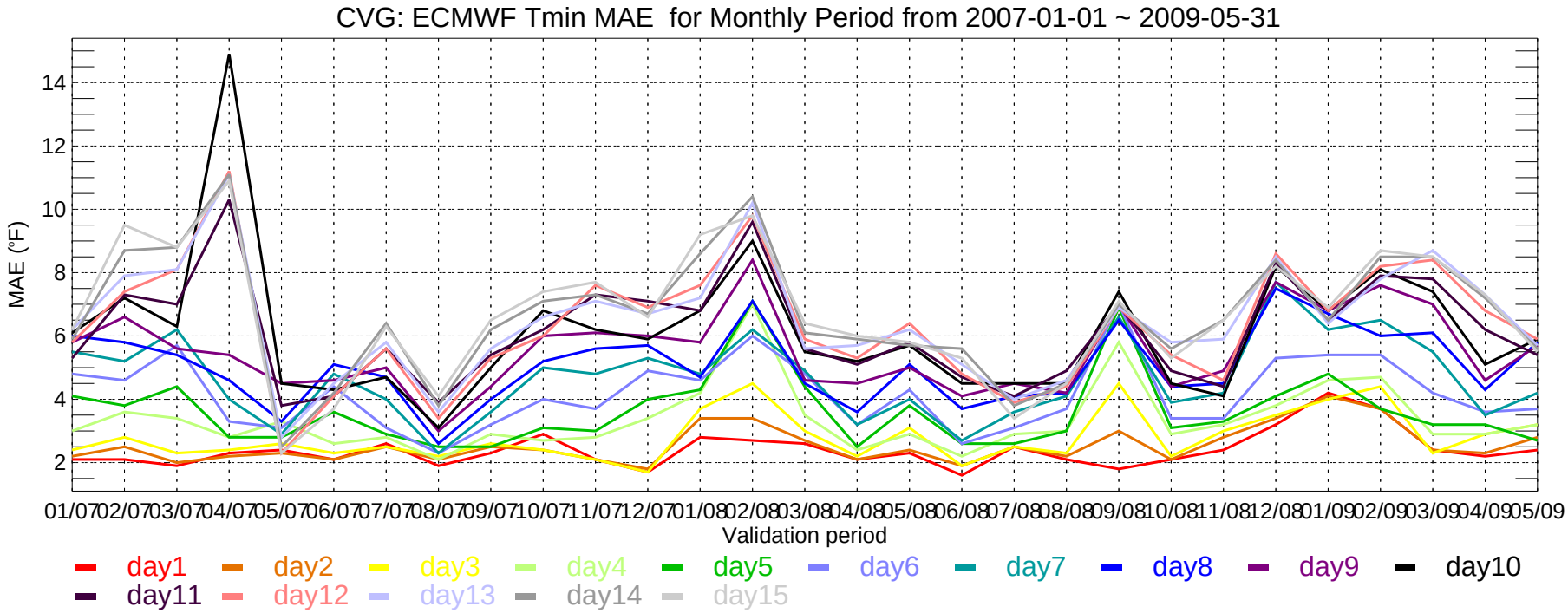

CRW: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
0
-10
-20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

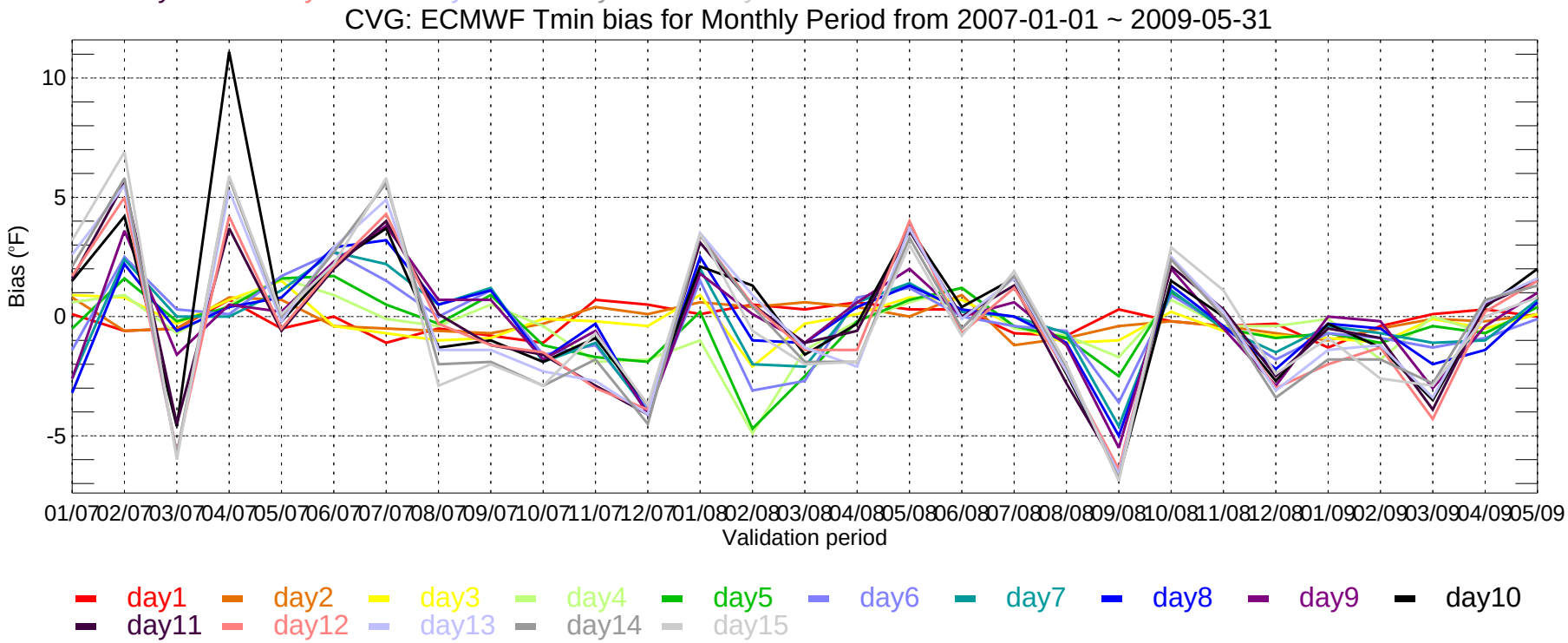

CRW: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
20
25
30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

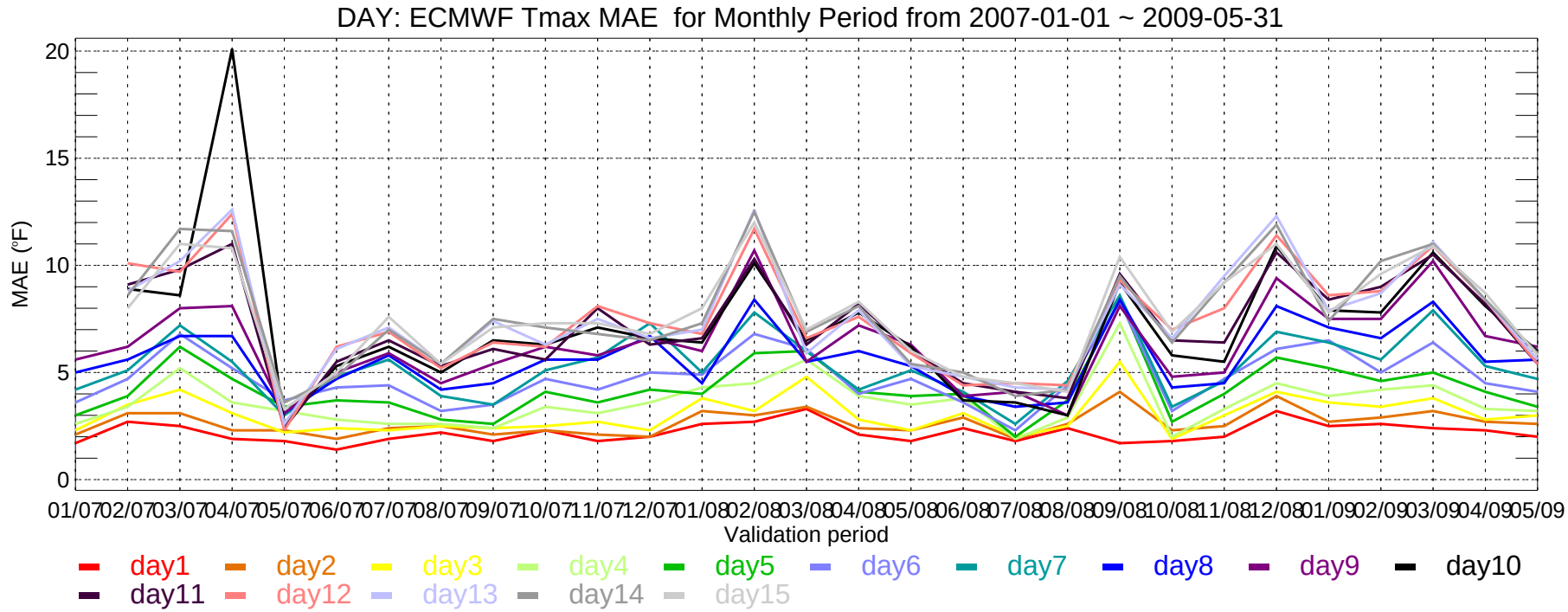

CRW: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

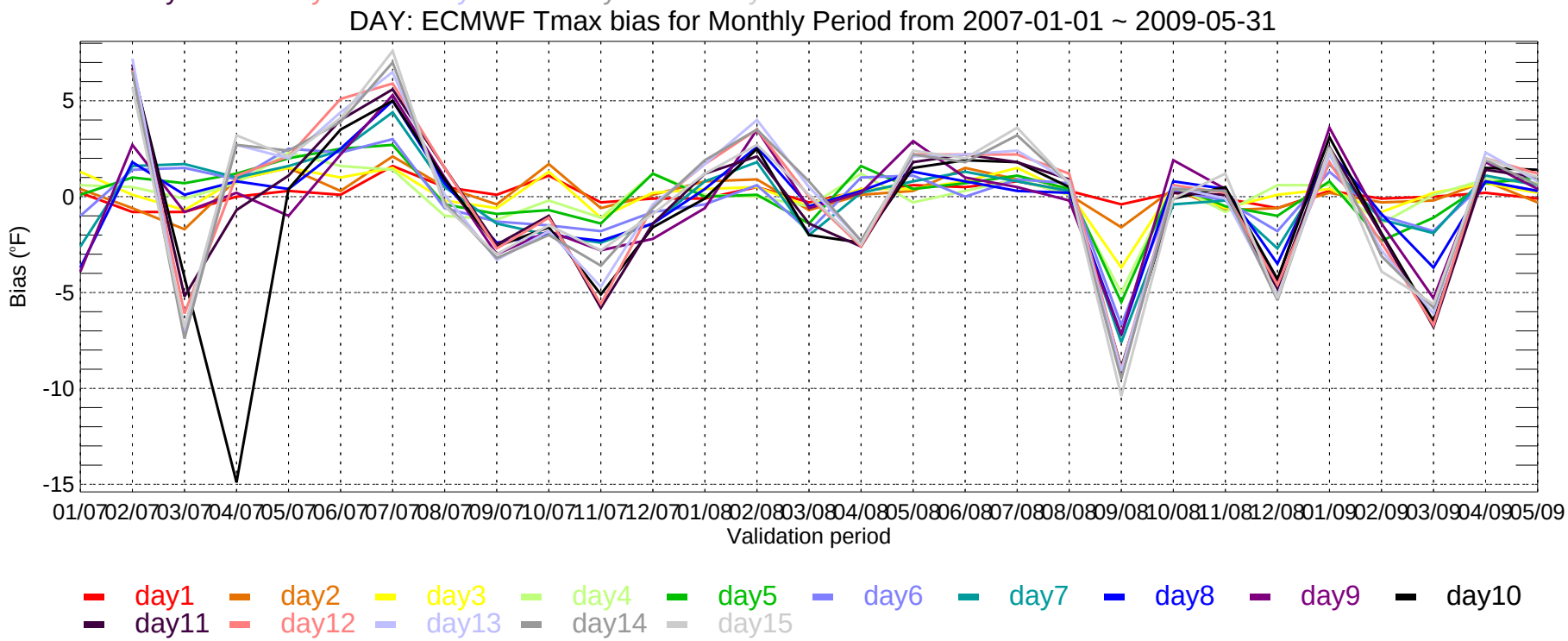

CVG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

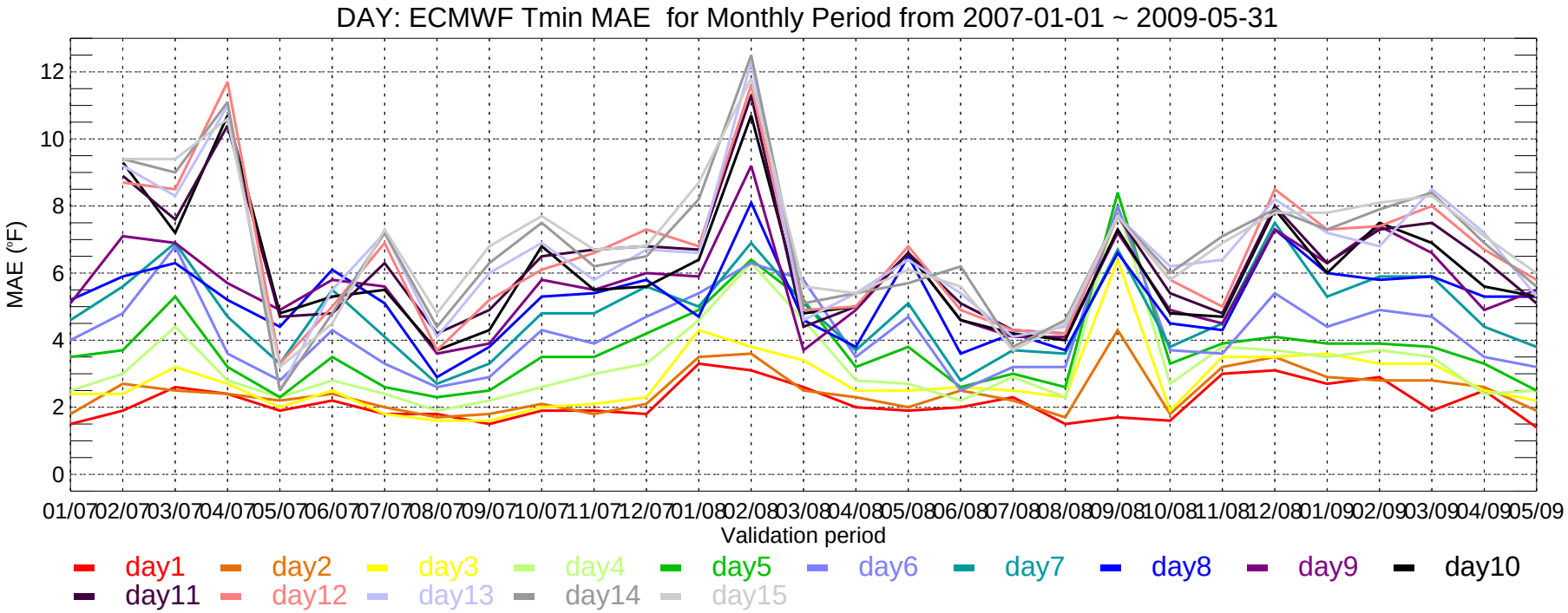

CVG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

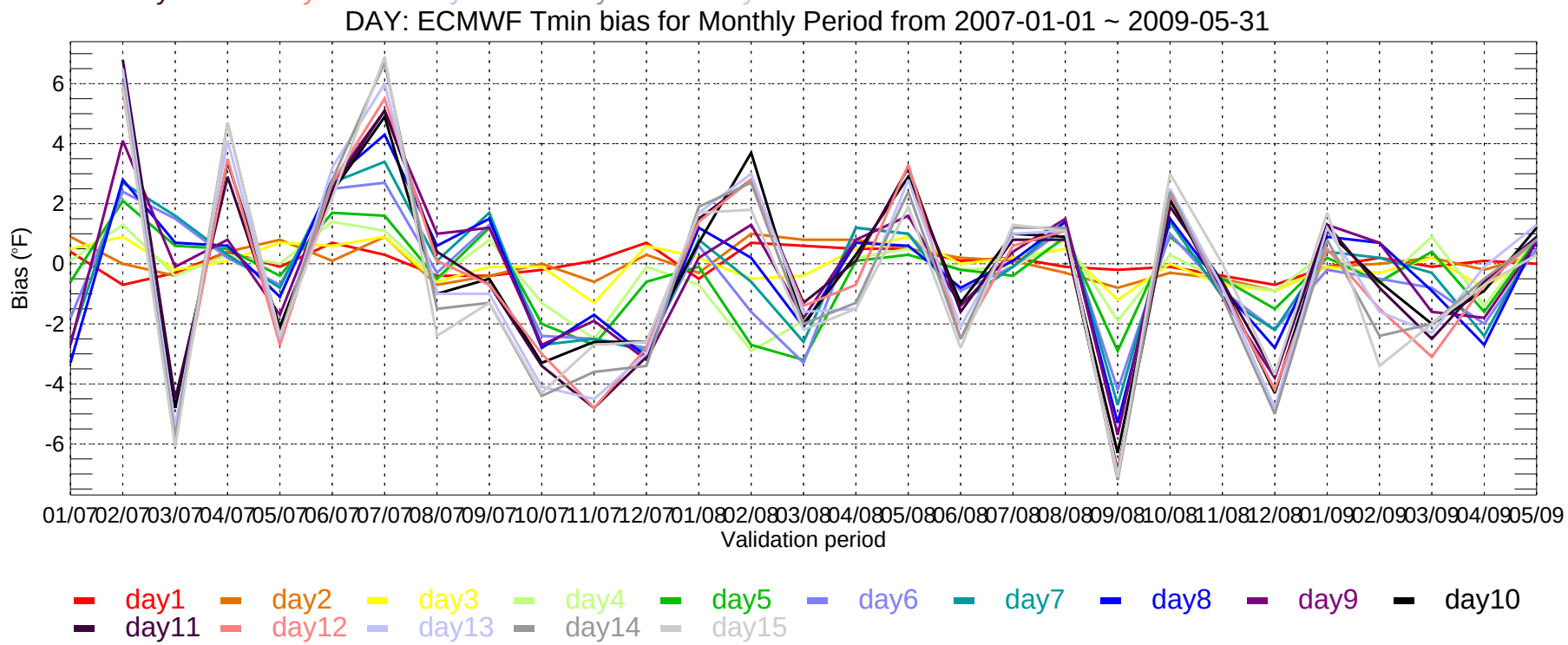

CVG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

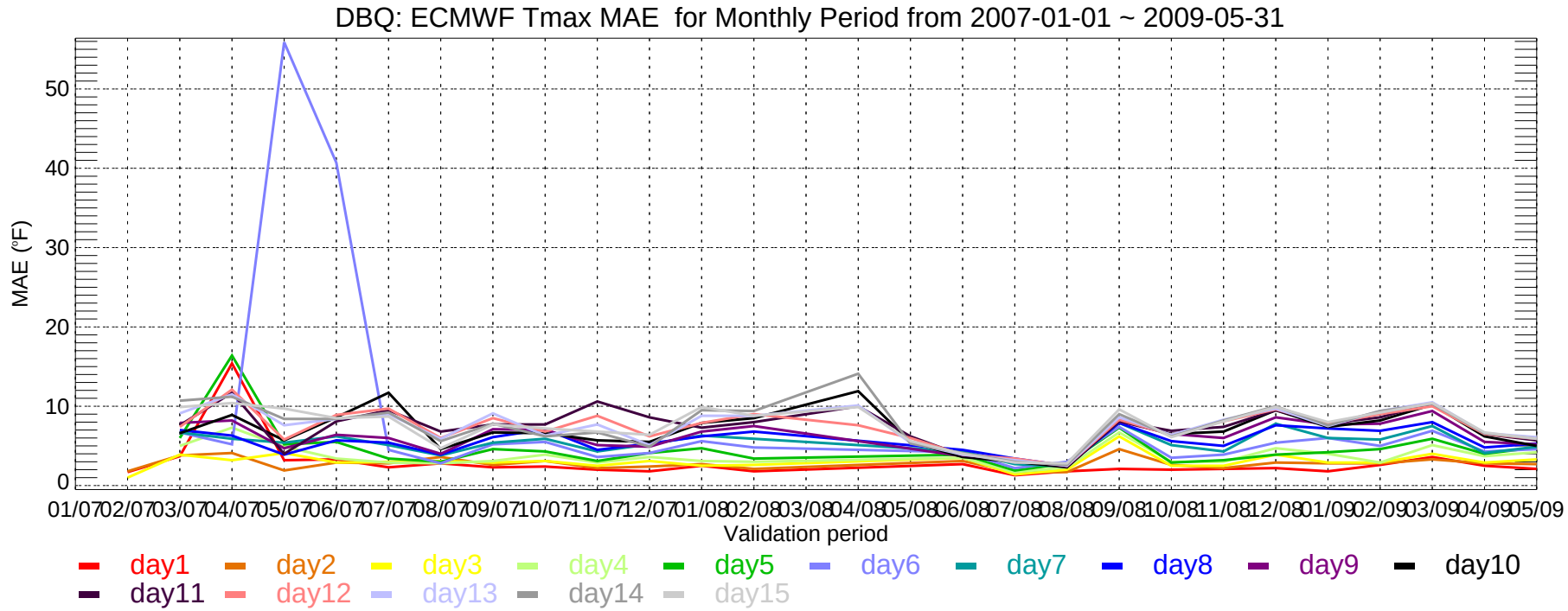

CVG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

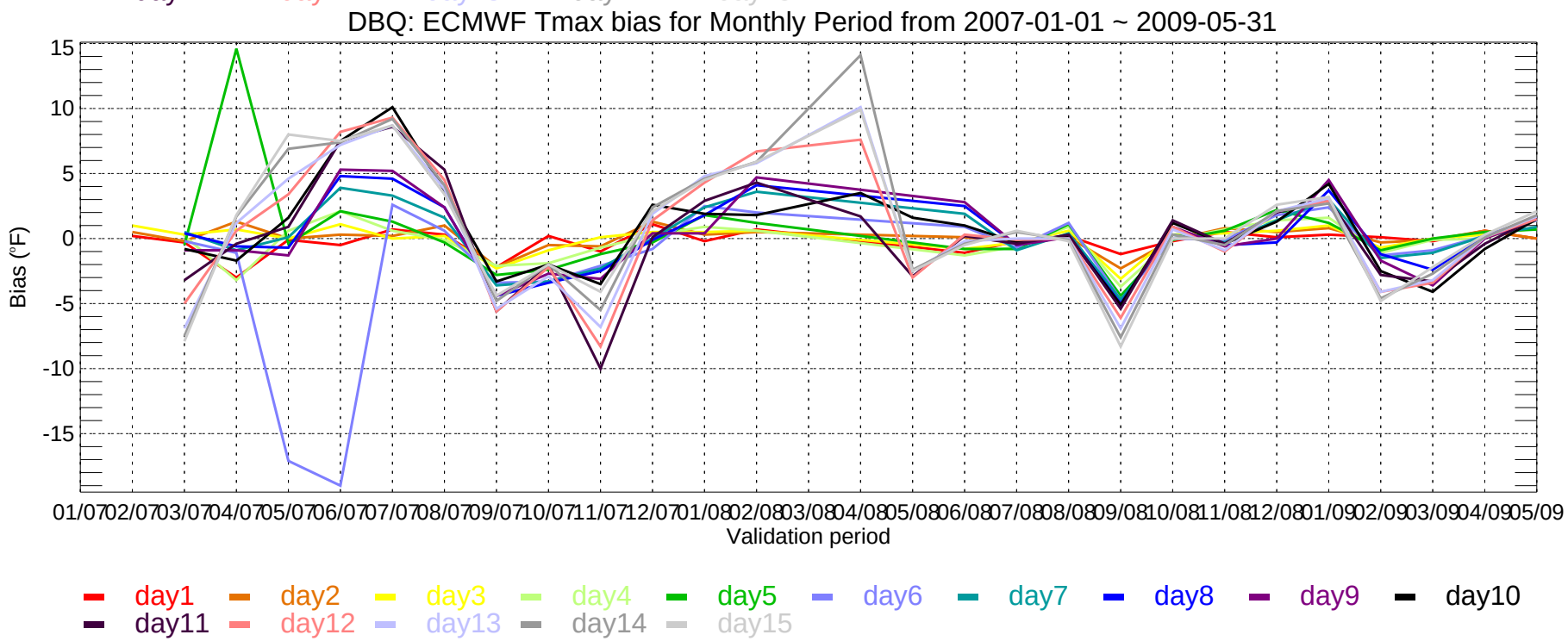

DAY: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

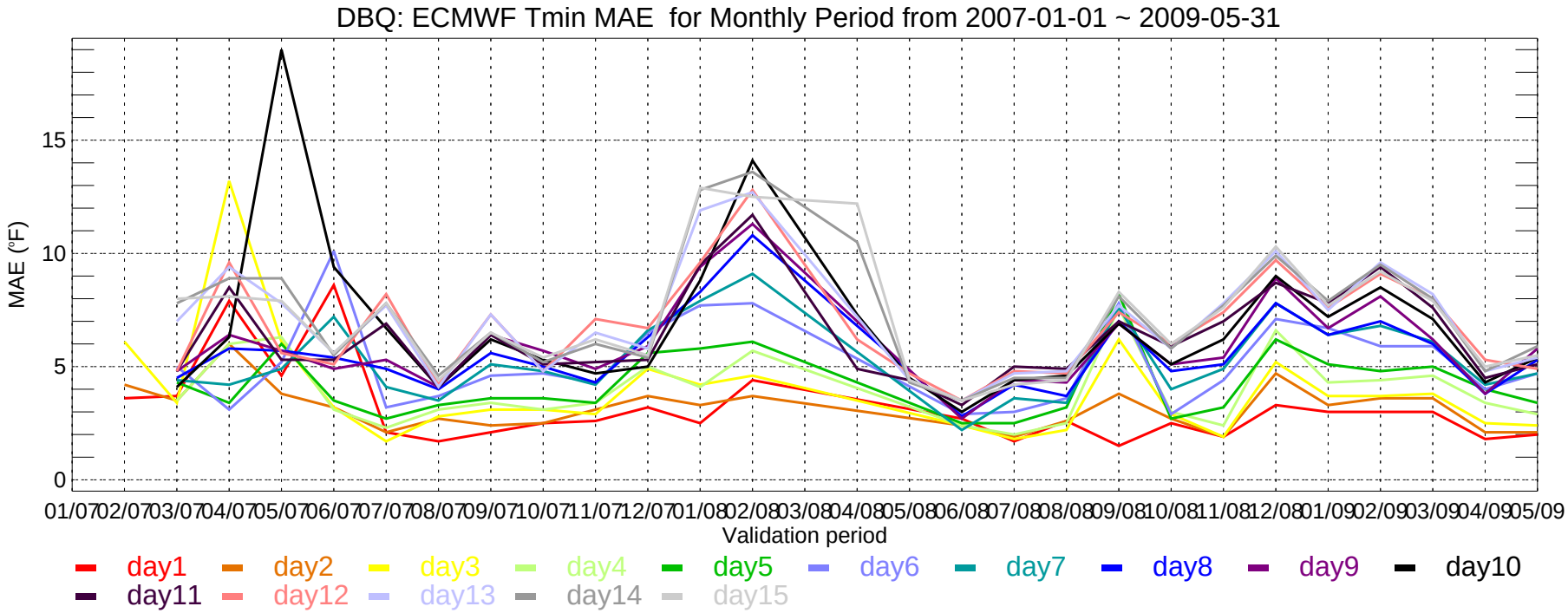

DAY: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

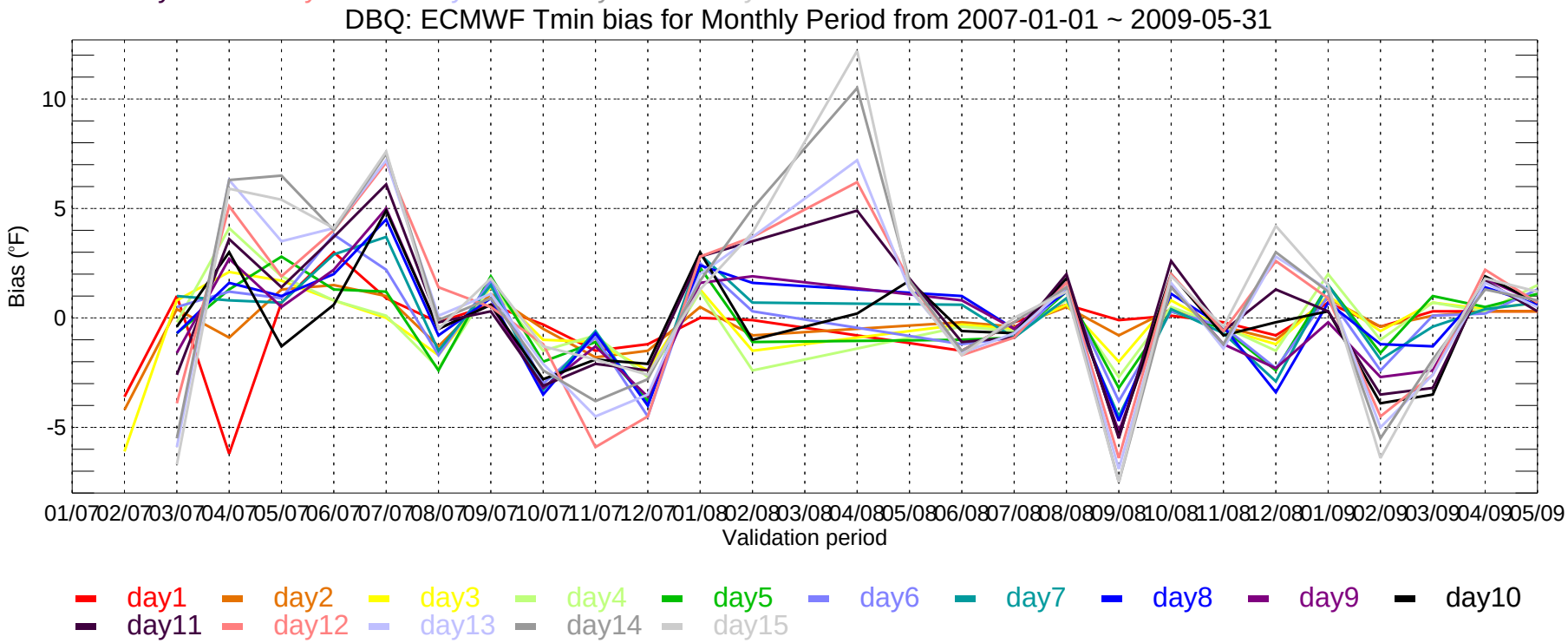

DAY: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

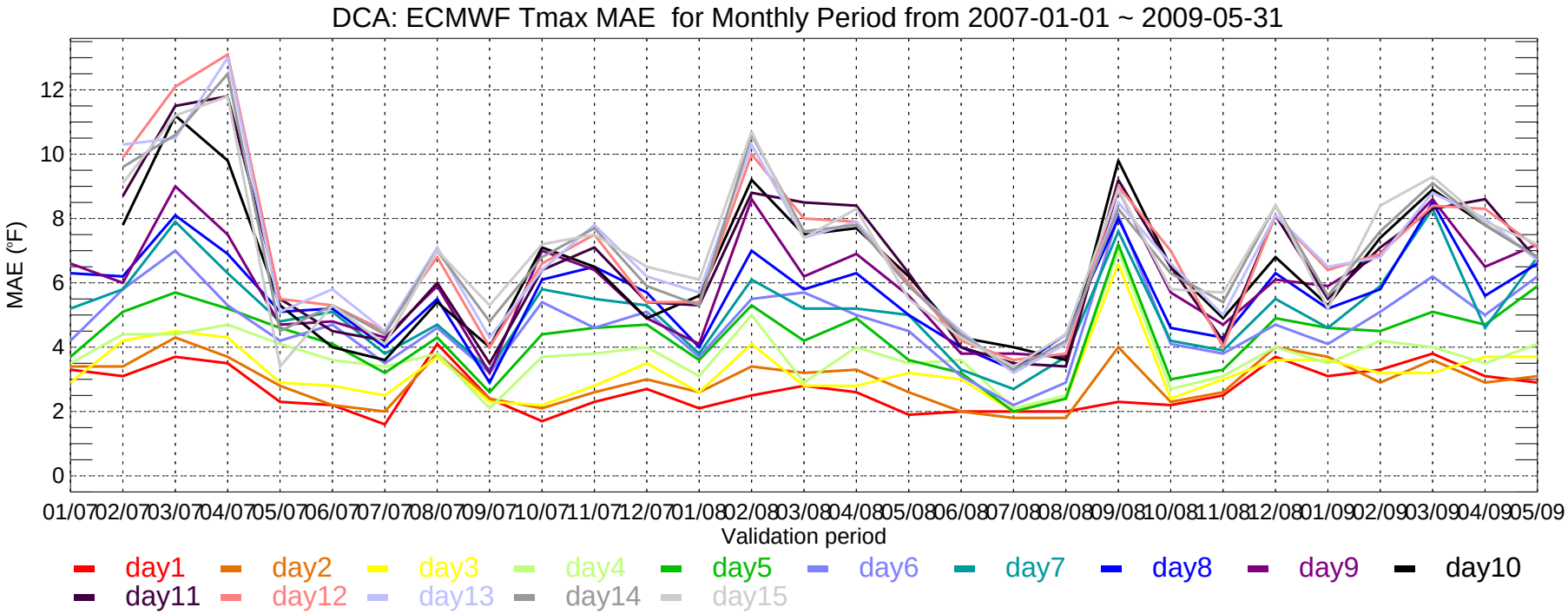

DAY: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

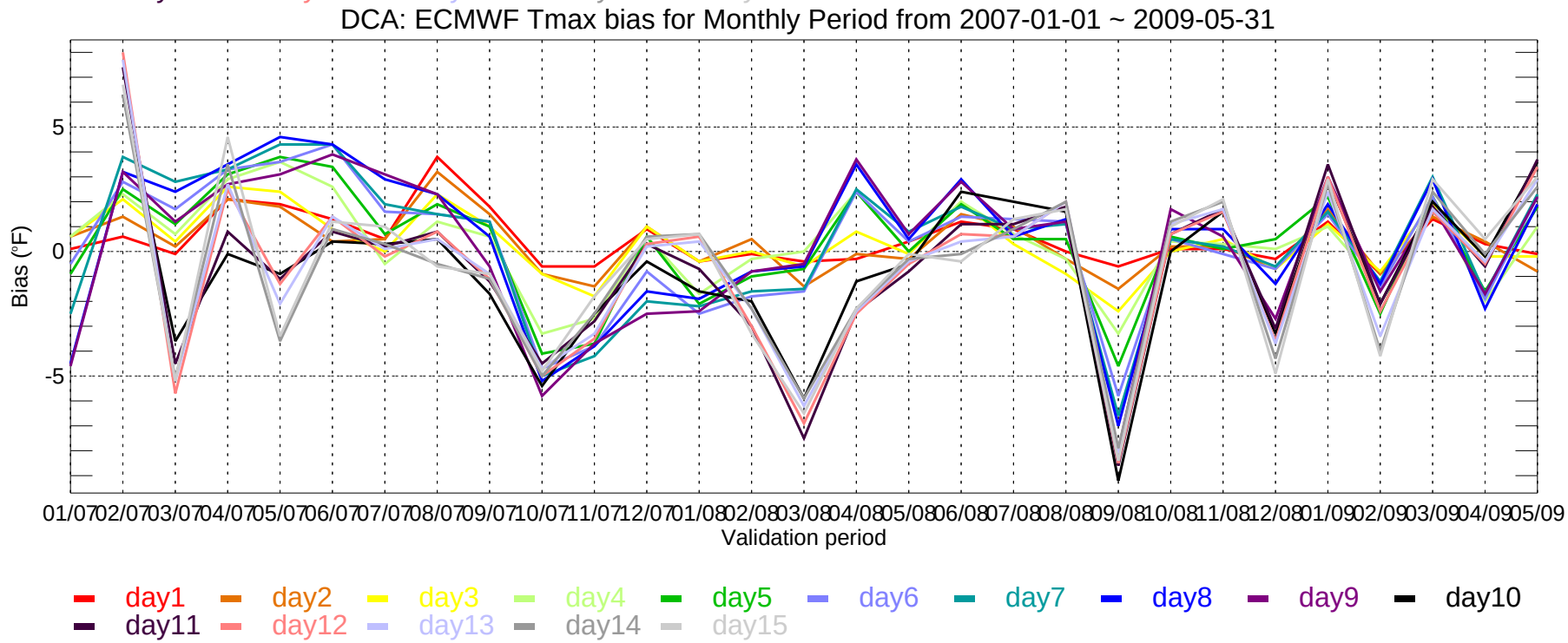

DBQ: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
10
20
30
40
50
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

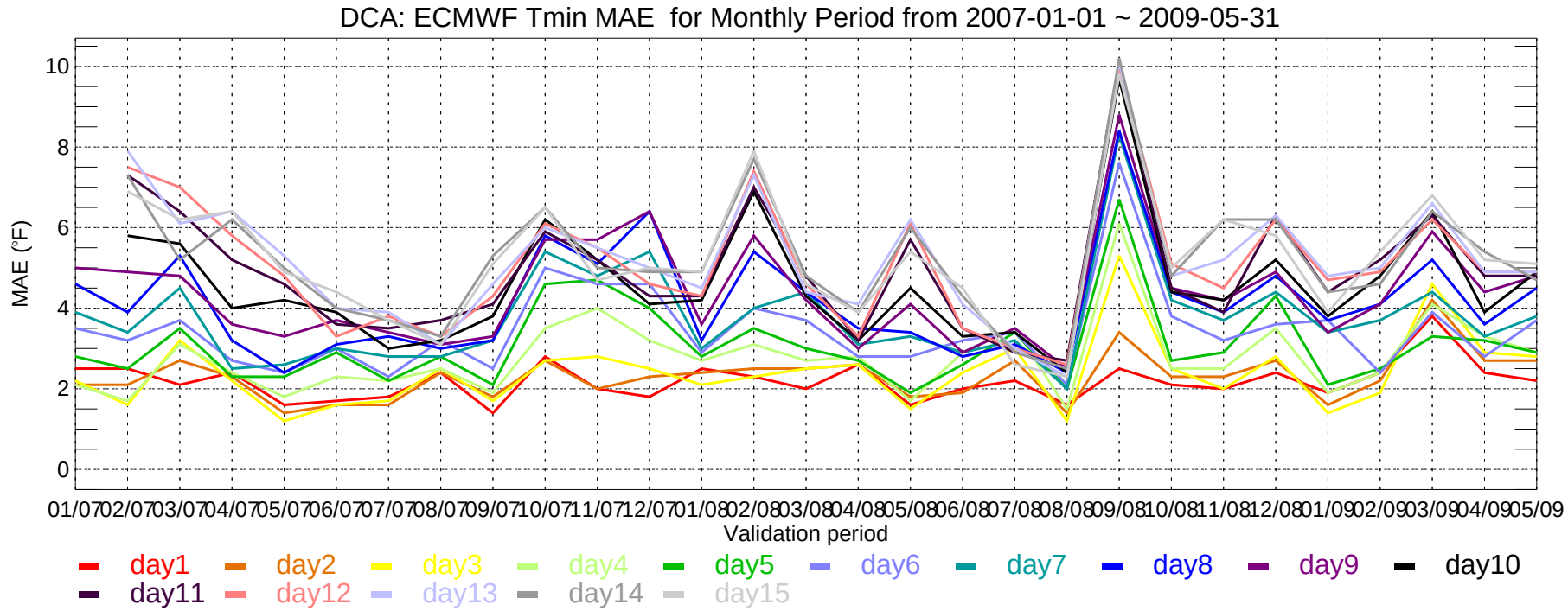

DBQ: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
15
10
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

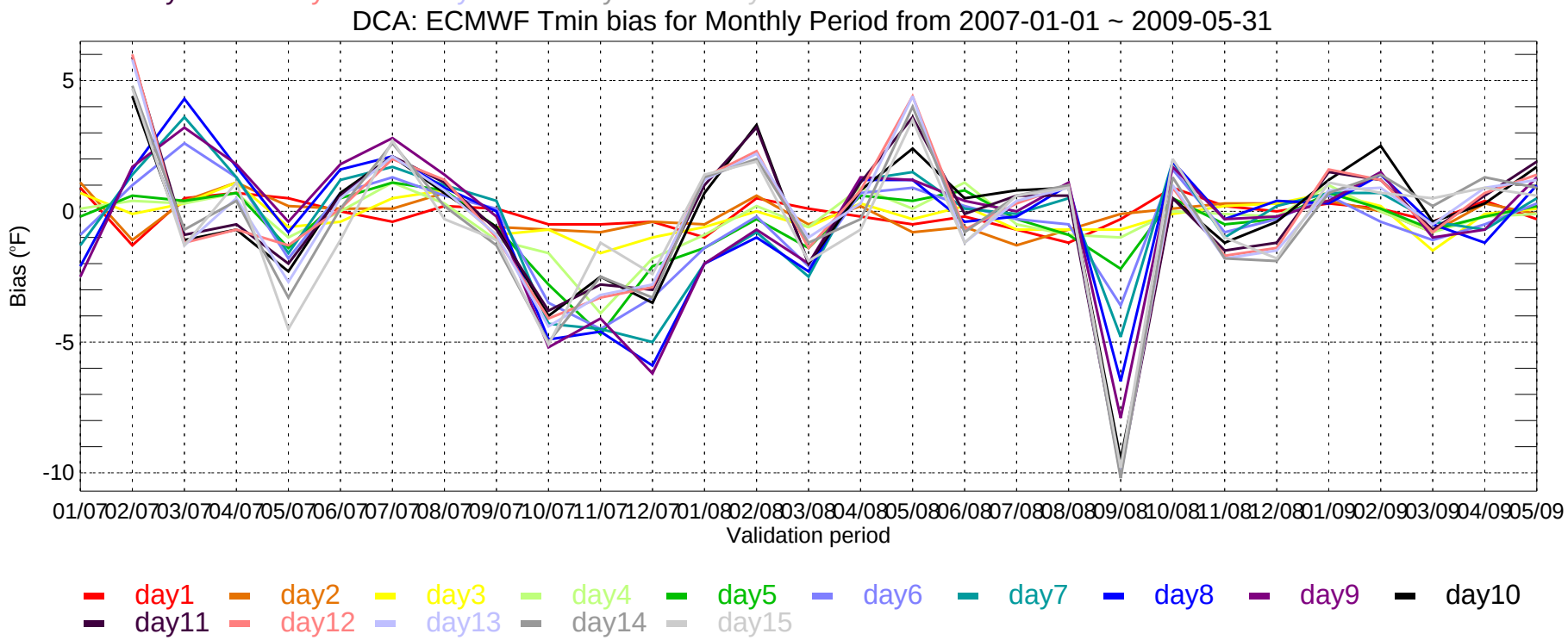

DBQ: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

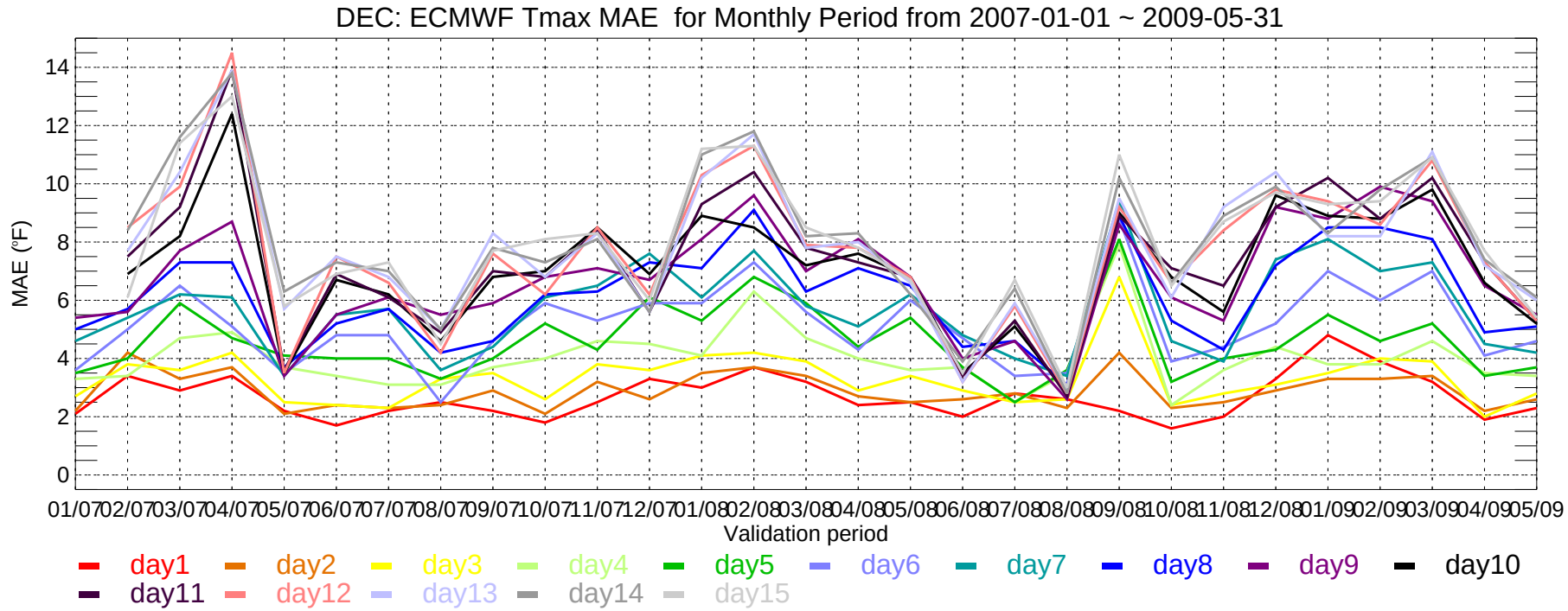

DBQ: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

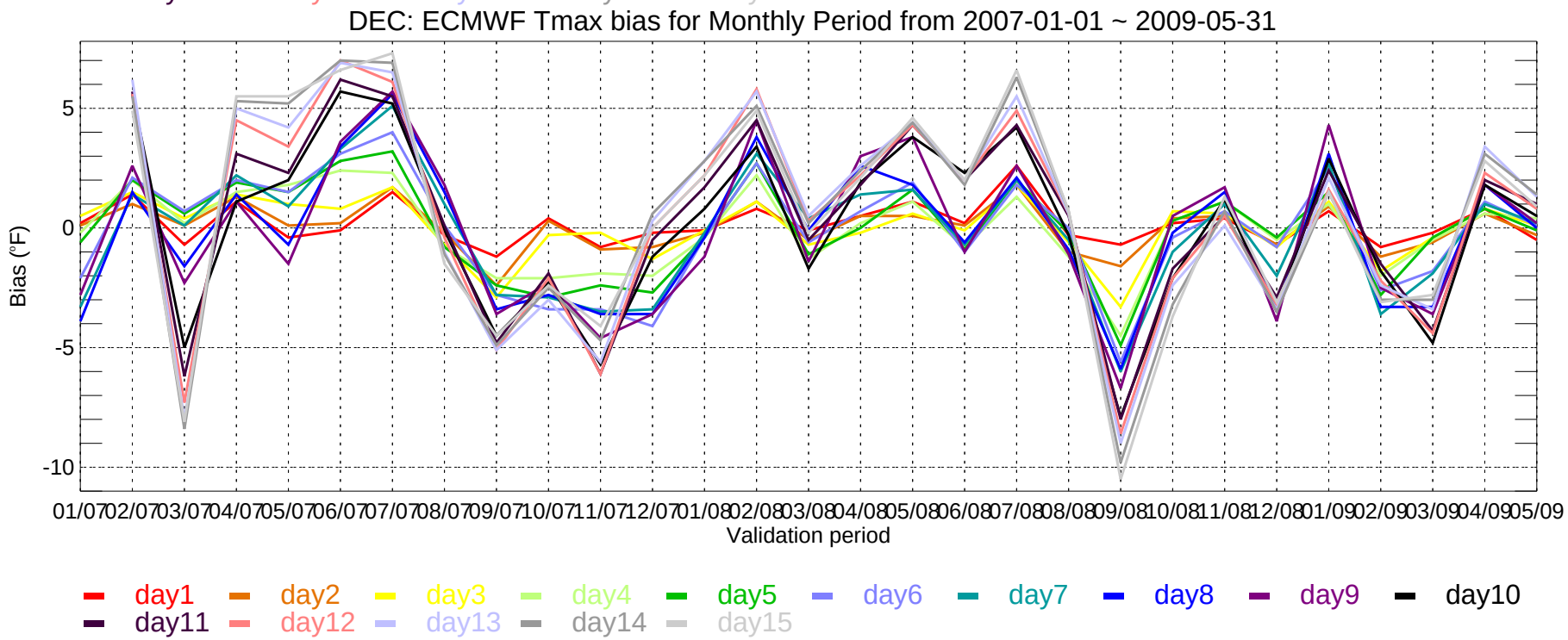

DCA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

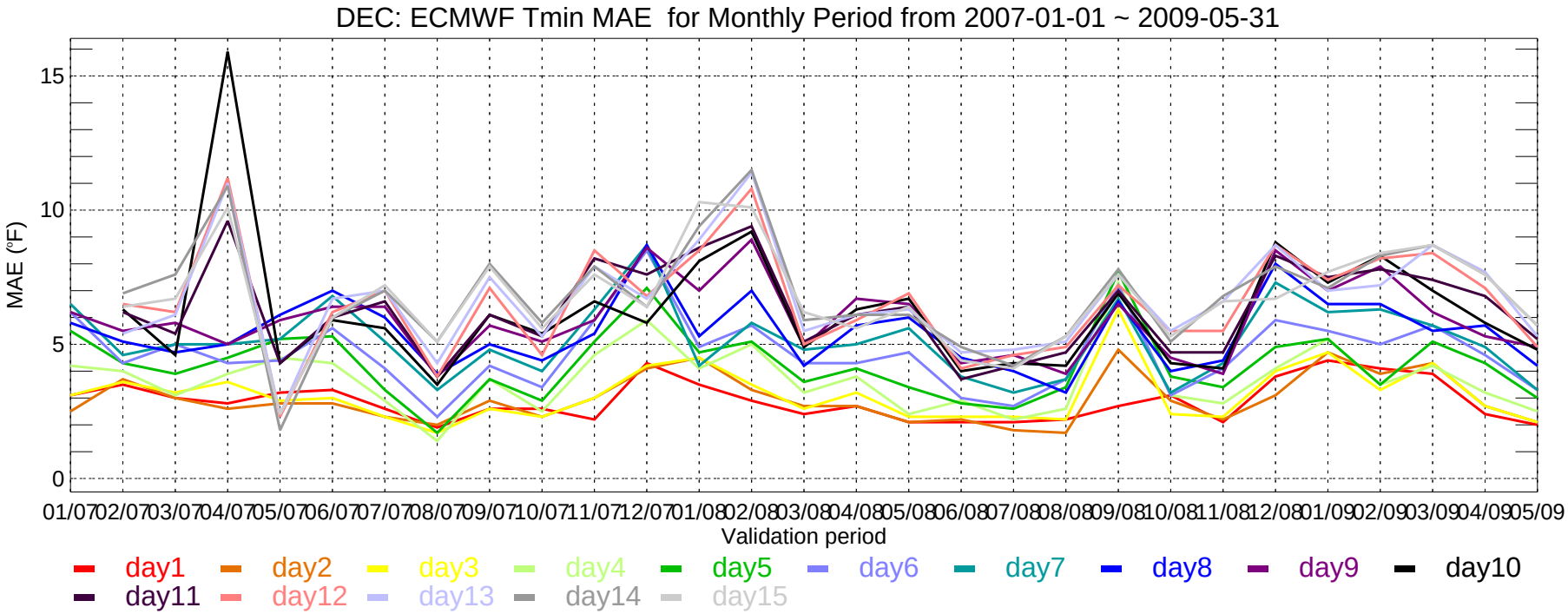

DCA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

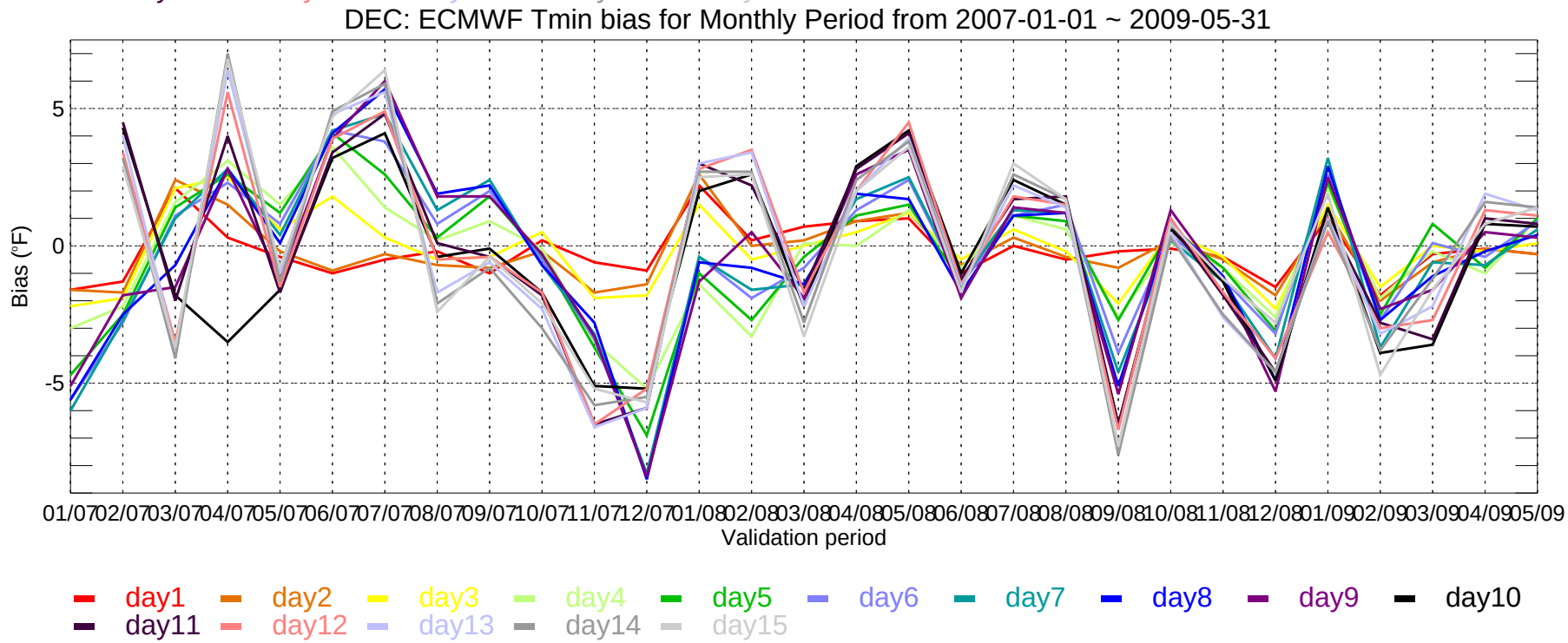

DCA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

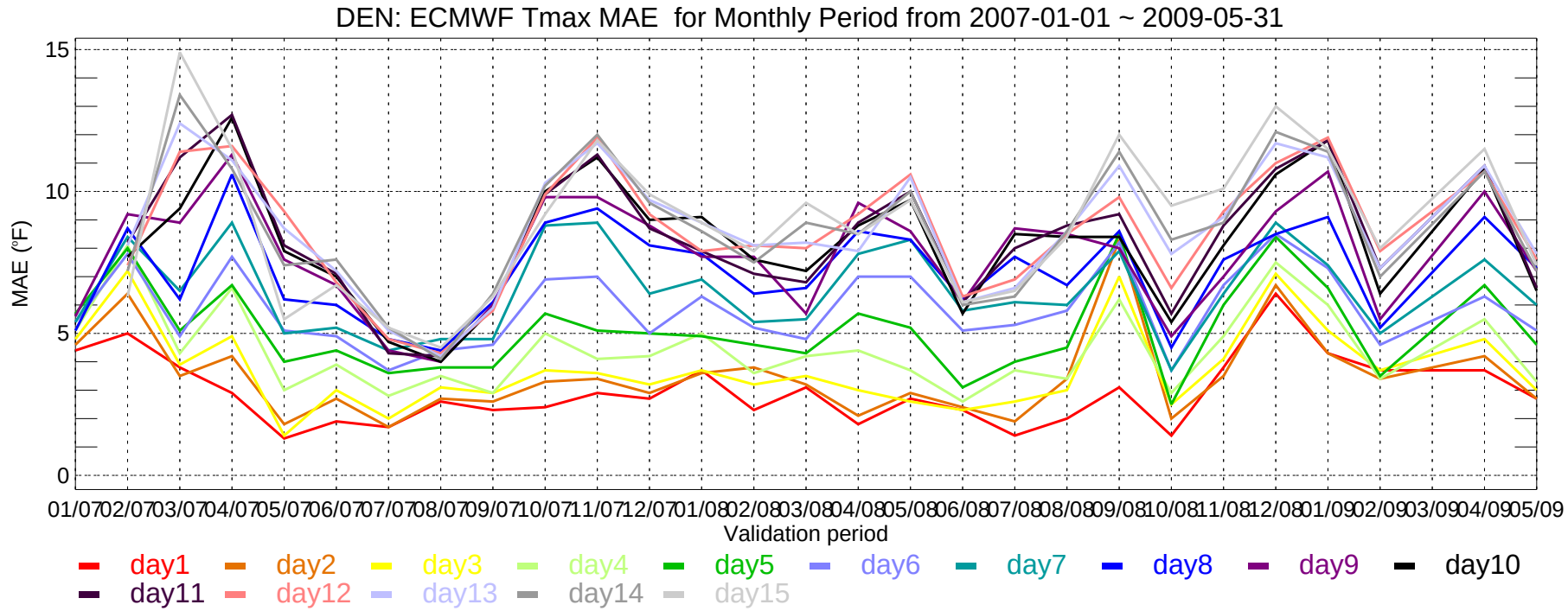

DCA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

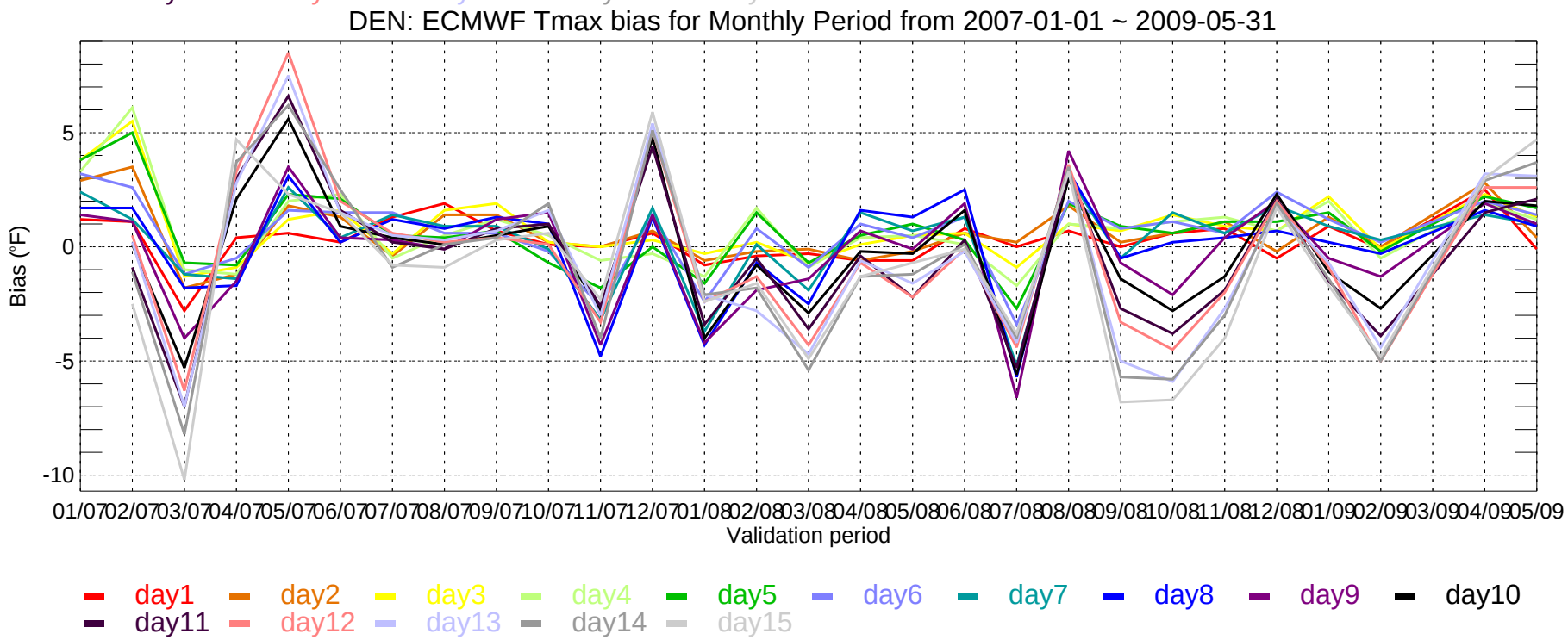

DEC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

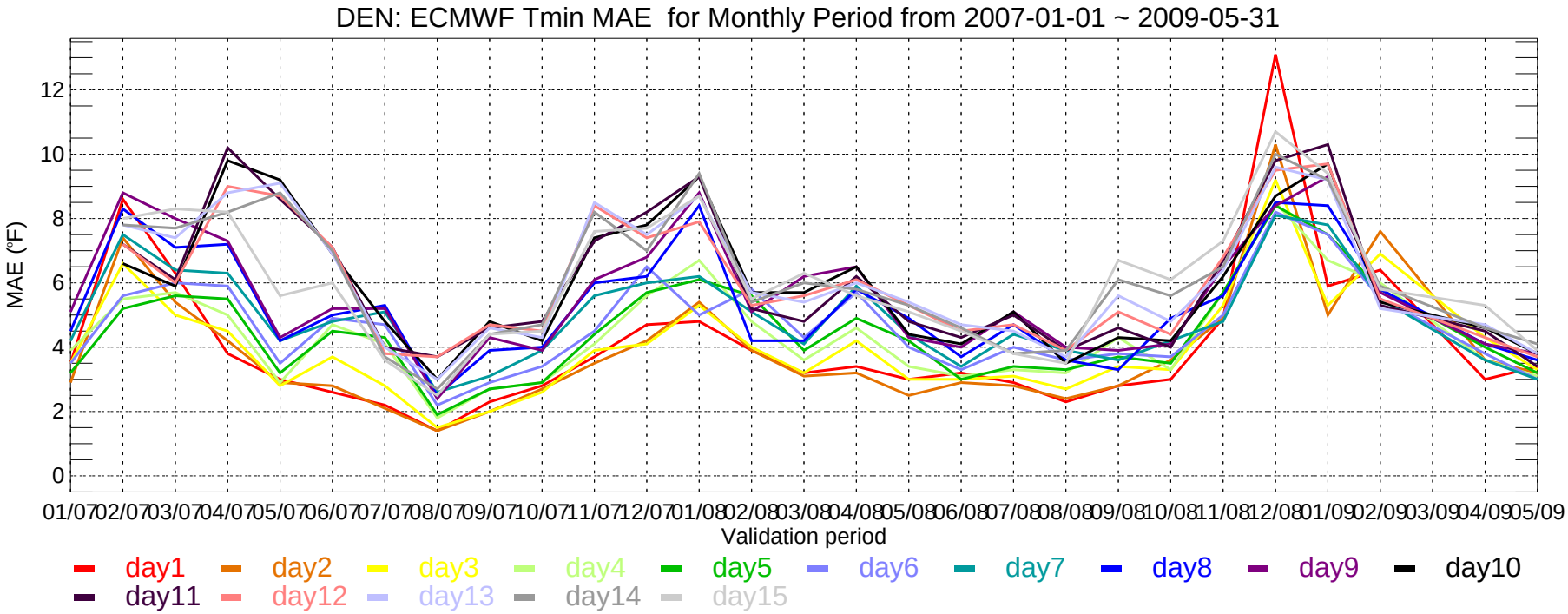

DEC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

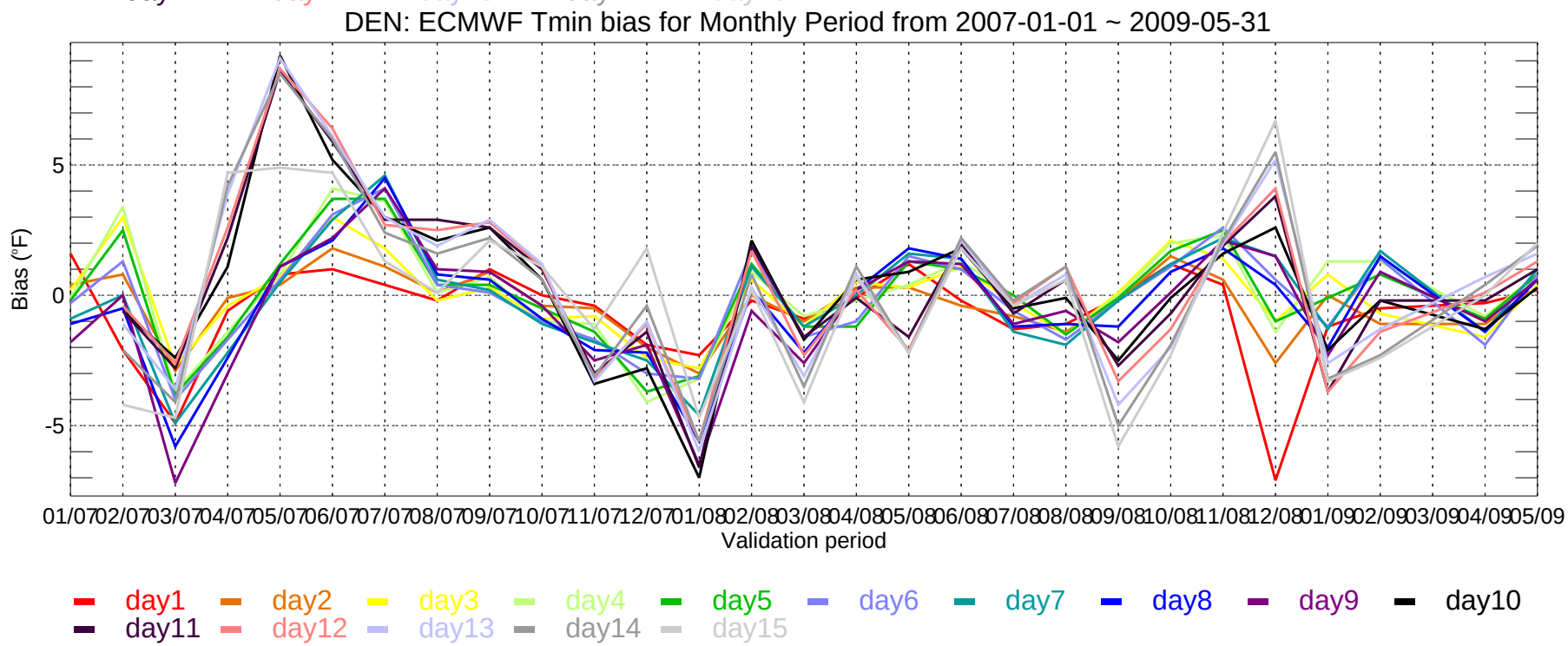

DEC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DEC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DEN: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DEN: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DEN: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DEN: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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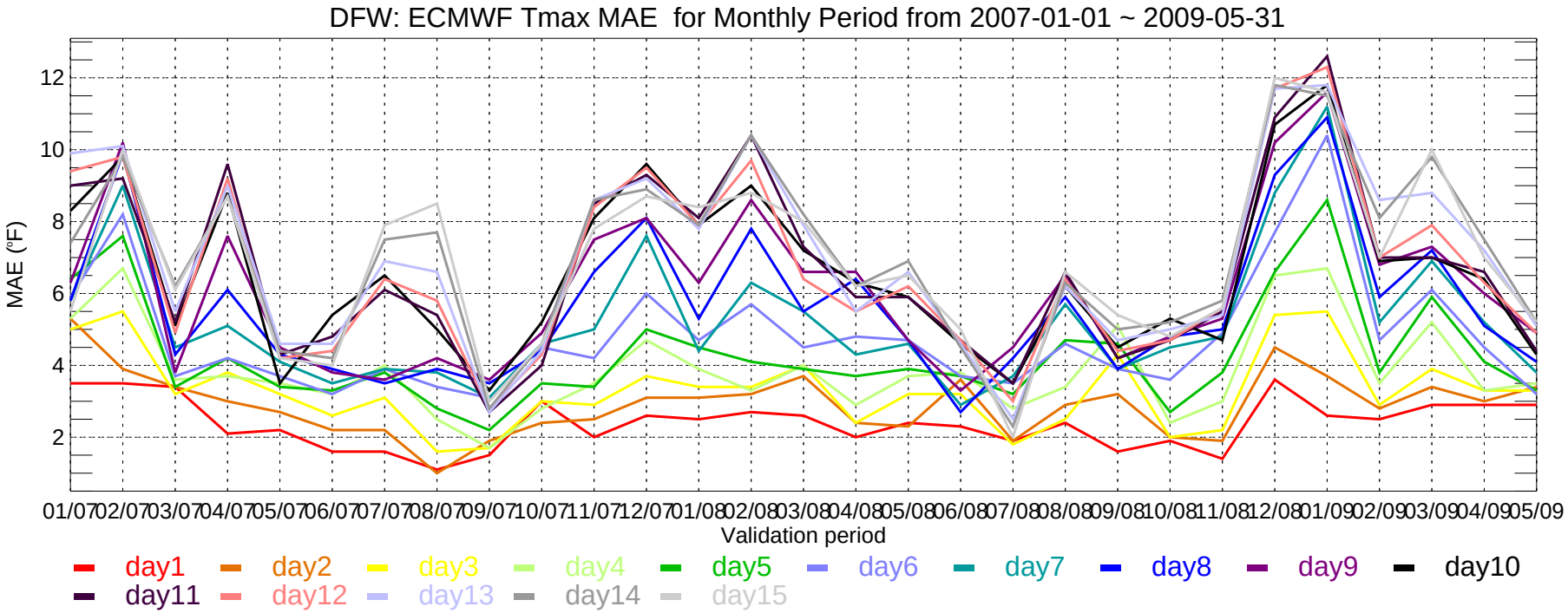
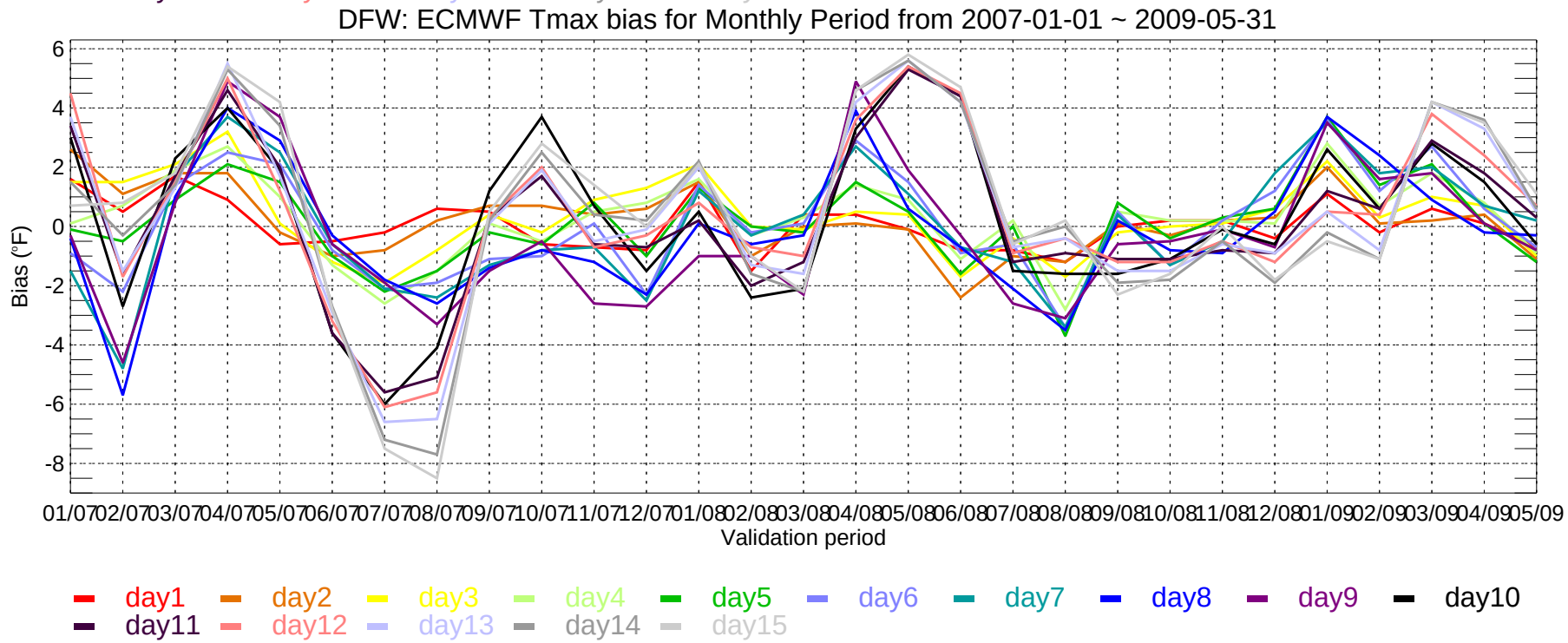
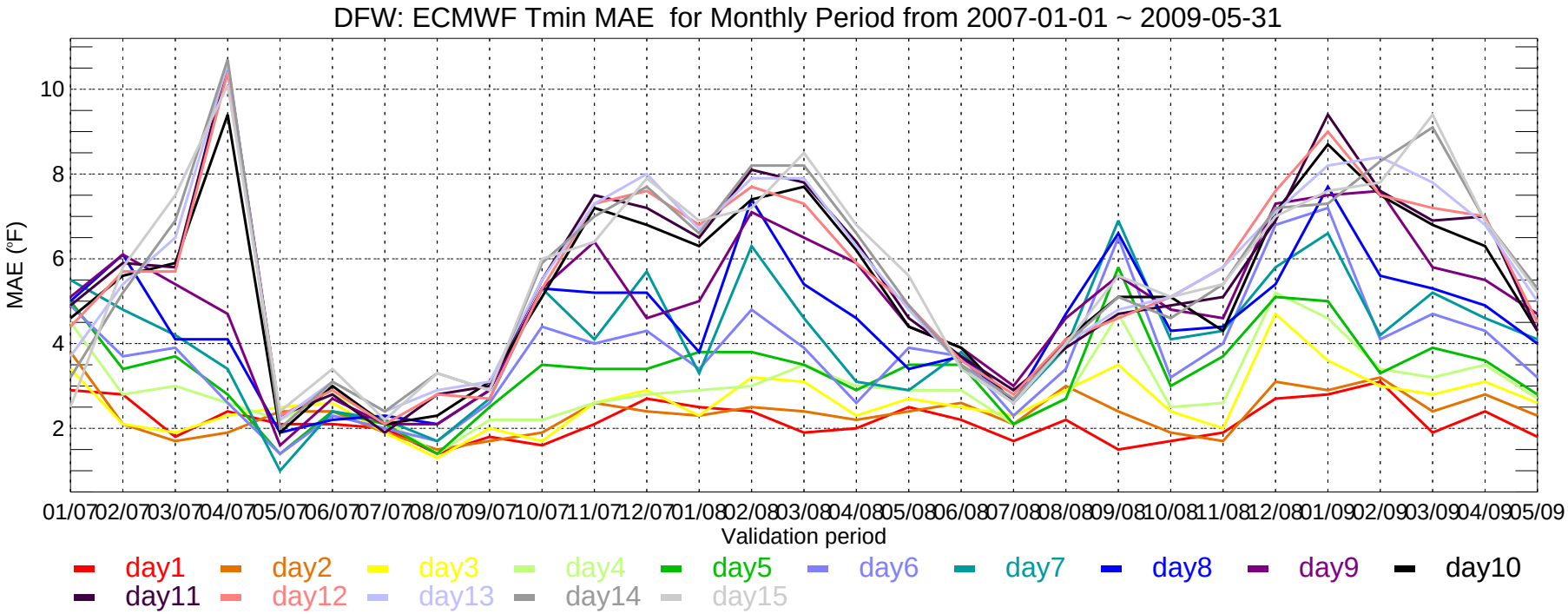

DFW: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DFW: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DFW: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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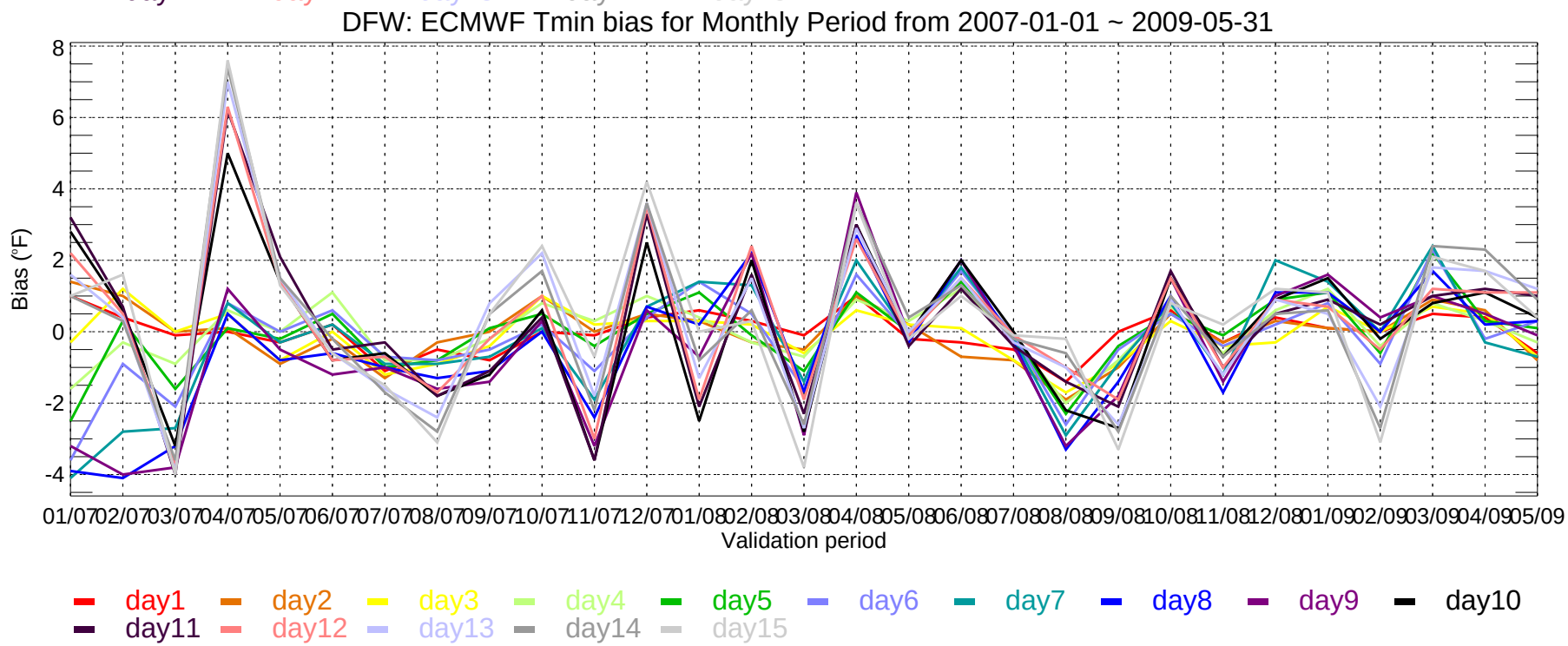
day11 day12 day13 day14 day15


DFW: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
8
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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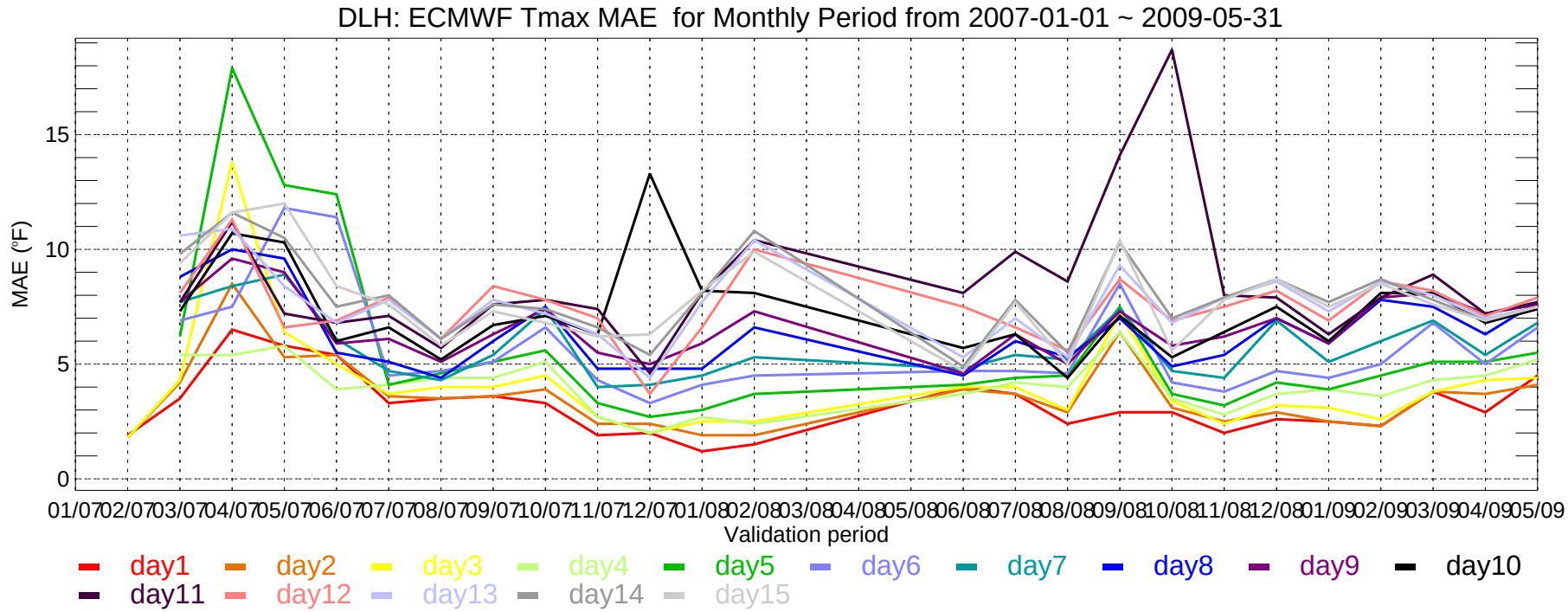
day11 day12 day13 day14 day15


DLH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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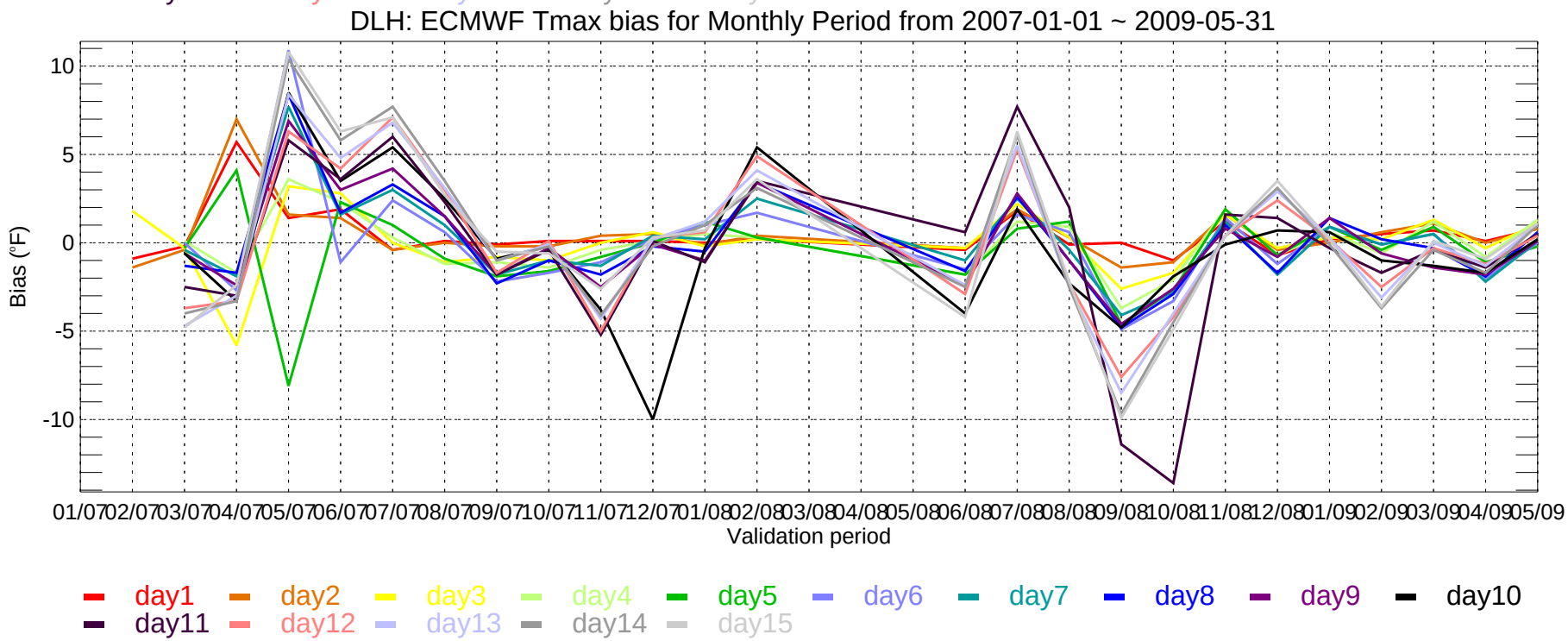
day11 day12 day13 day14 day15


DLH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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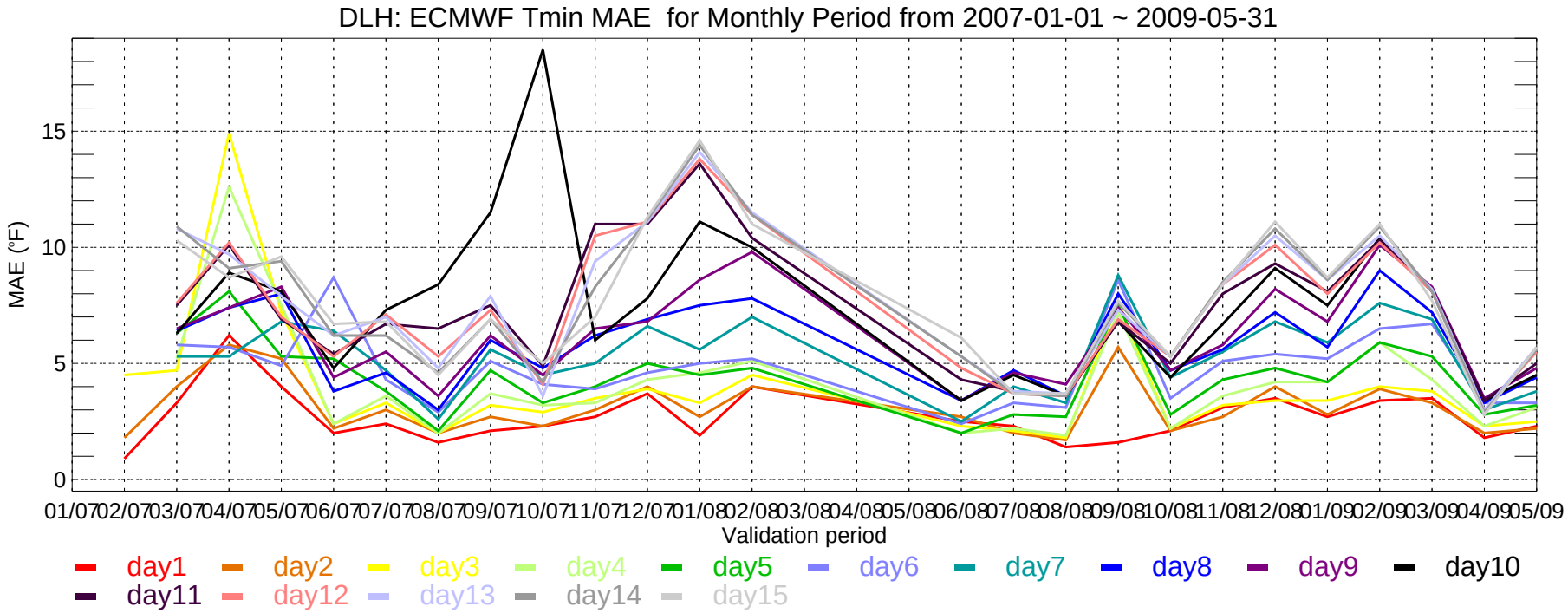
day11 day12 day13 day14 day15


DLH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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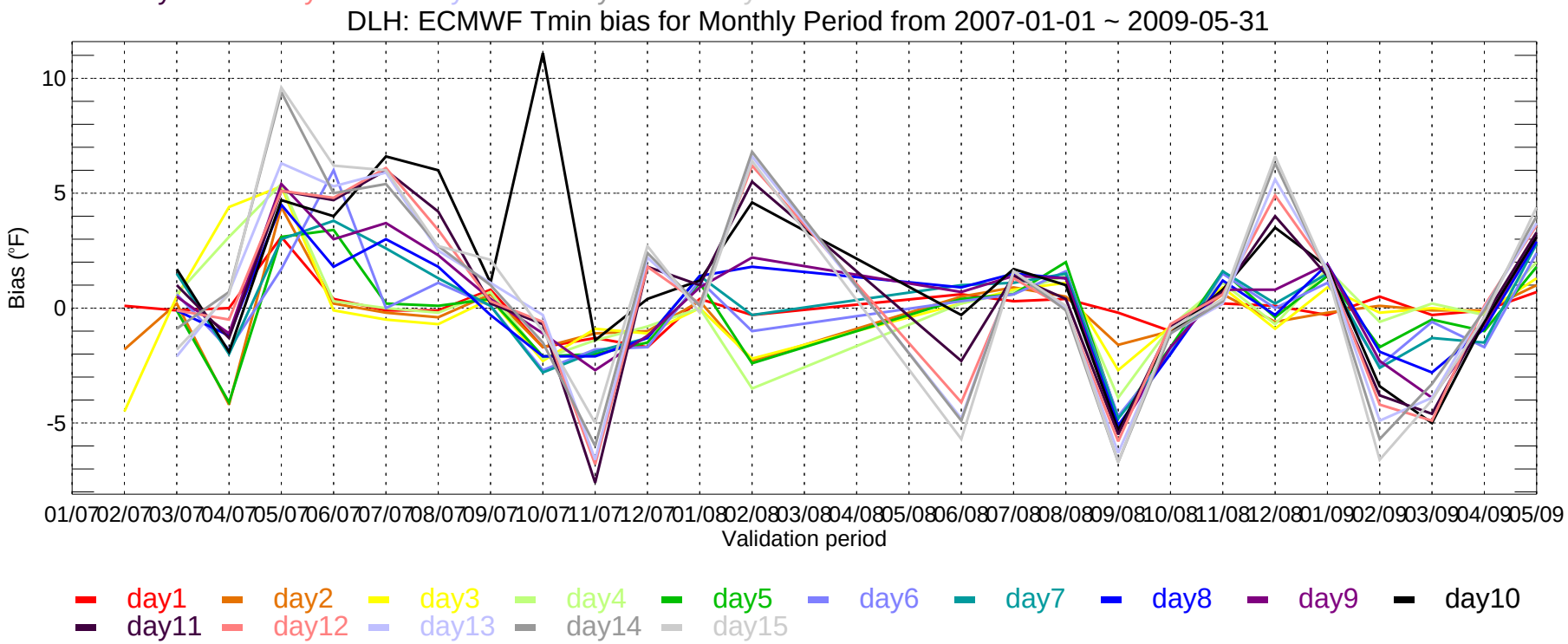
day11 day12 day13 day14 day15


DLH: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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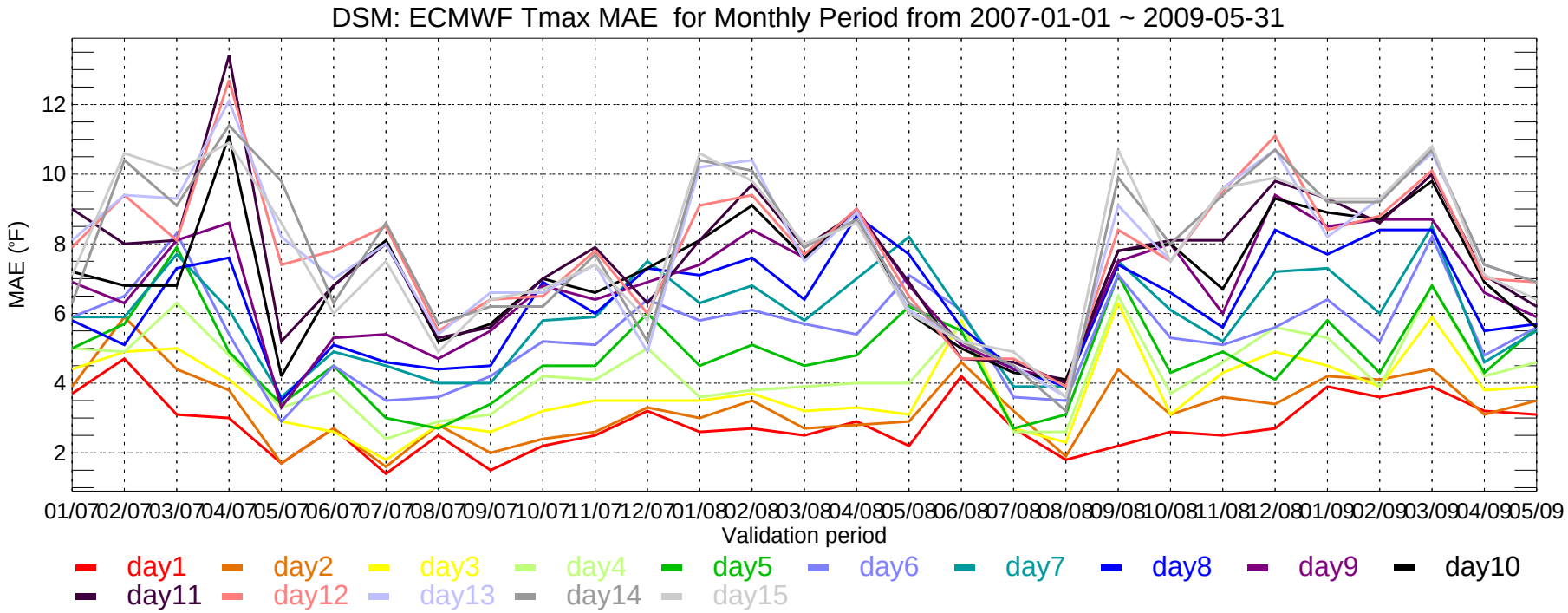
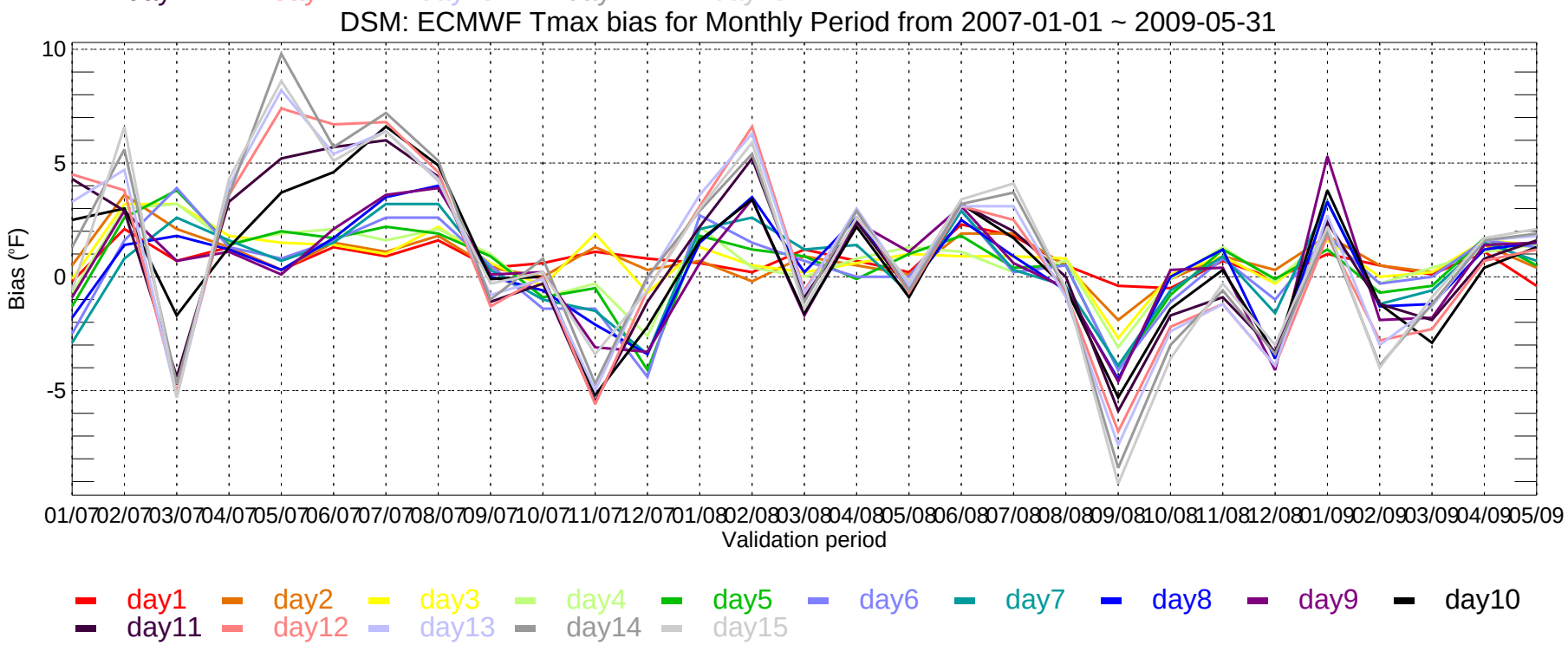
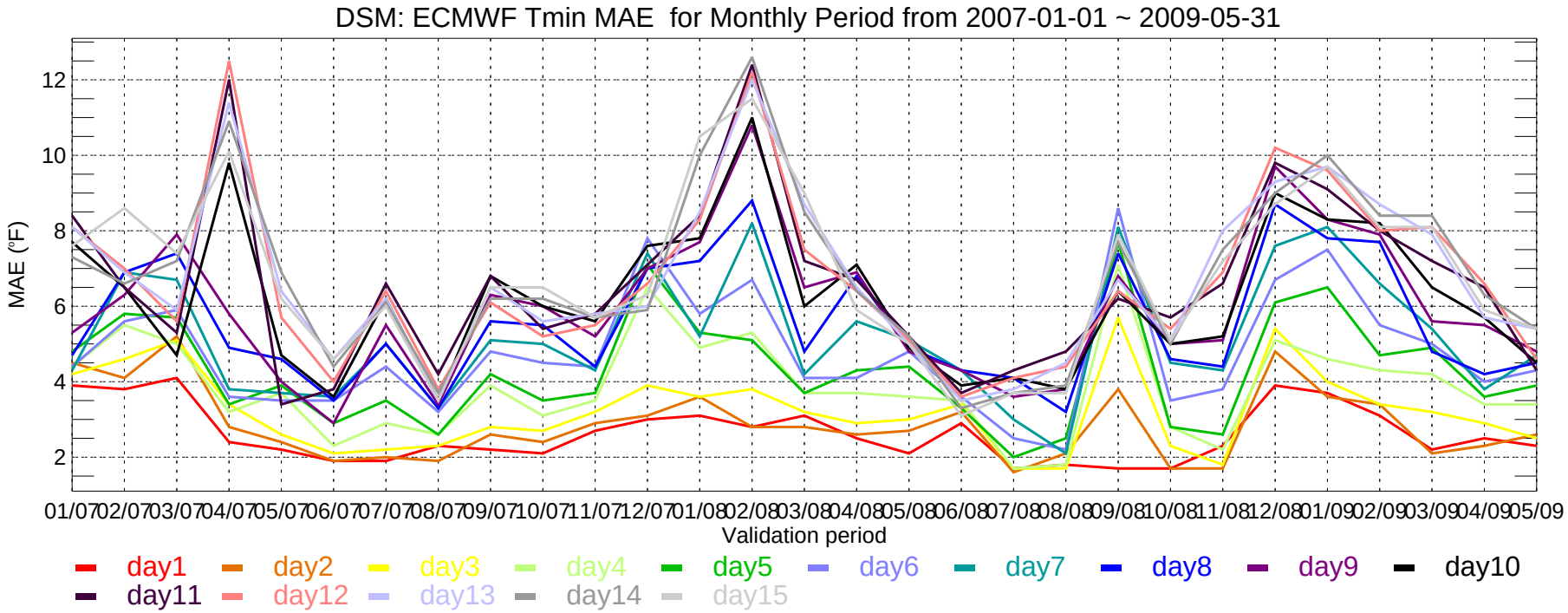
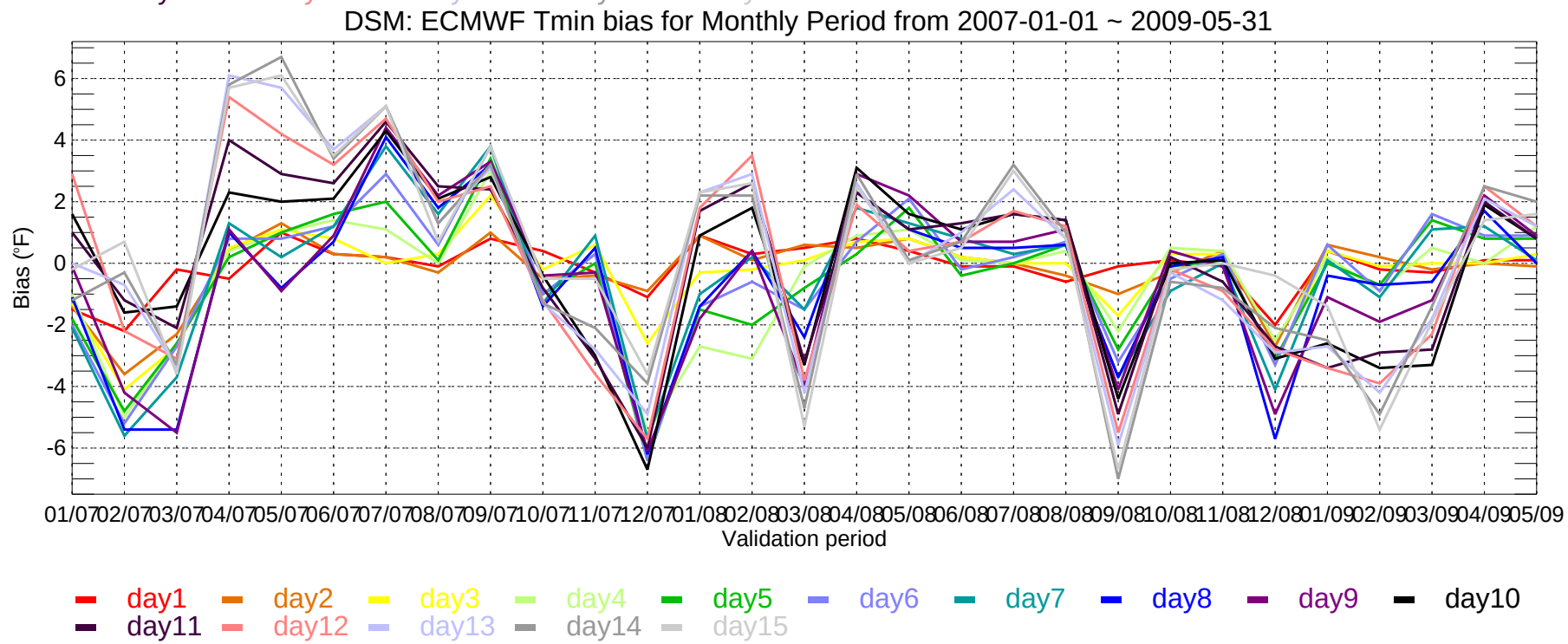
day11 day12 day13 day14 day15


DSM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
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 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
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 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
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 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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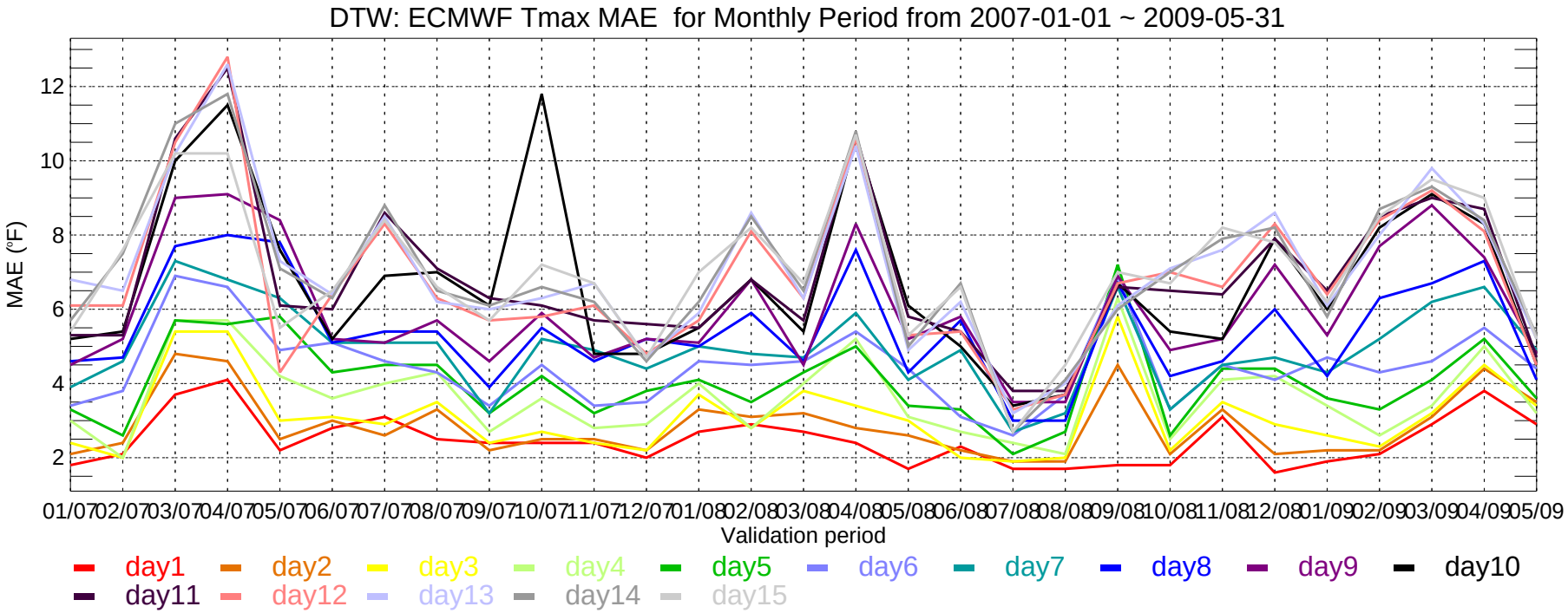
day11 day12 day13 day14 day15


DTW: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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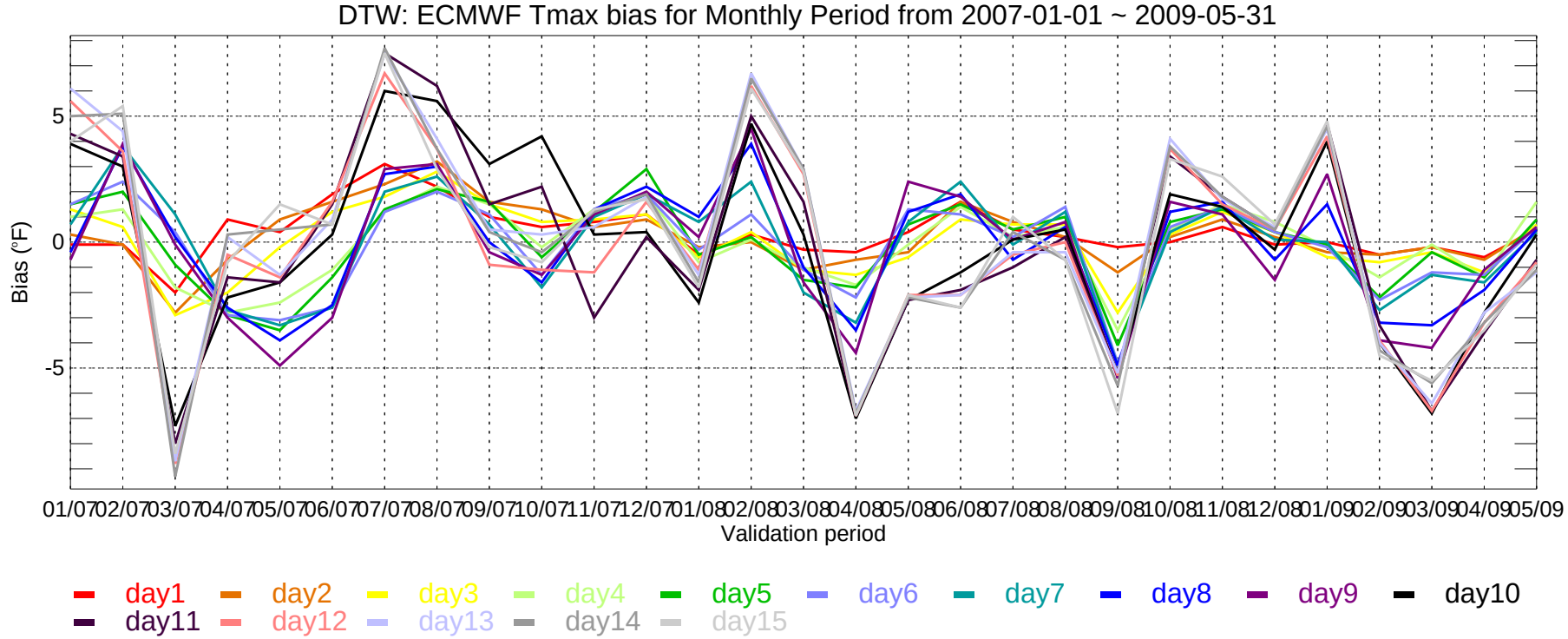
day11 day12 day13 day14 day15


DTW: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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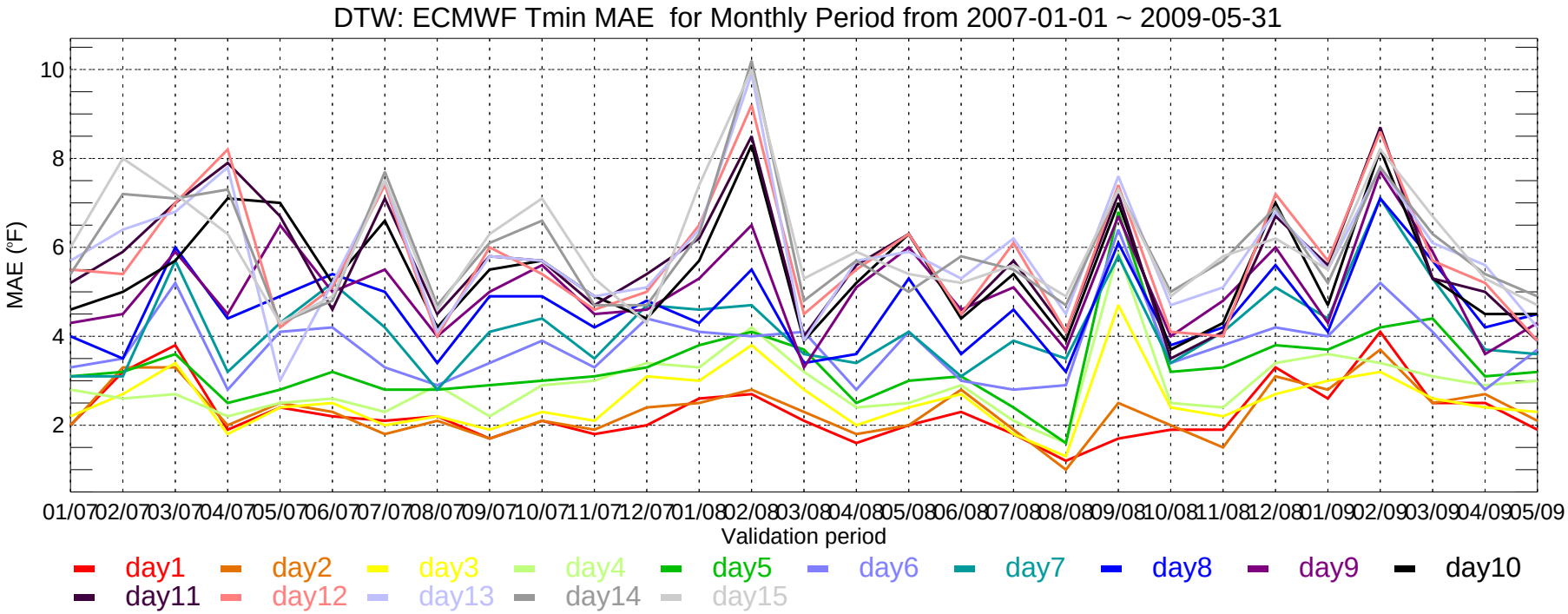
day11 day12 day13 day14 day15


DTW: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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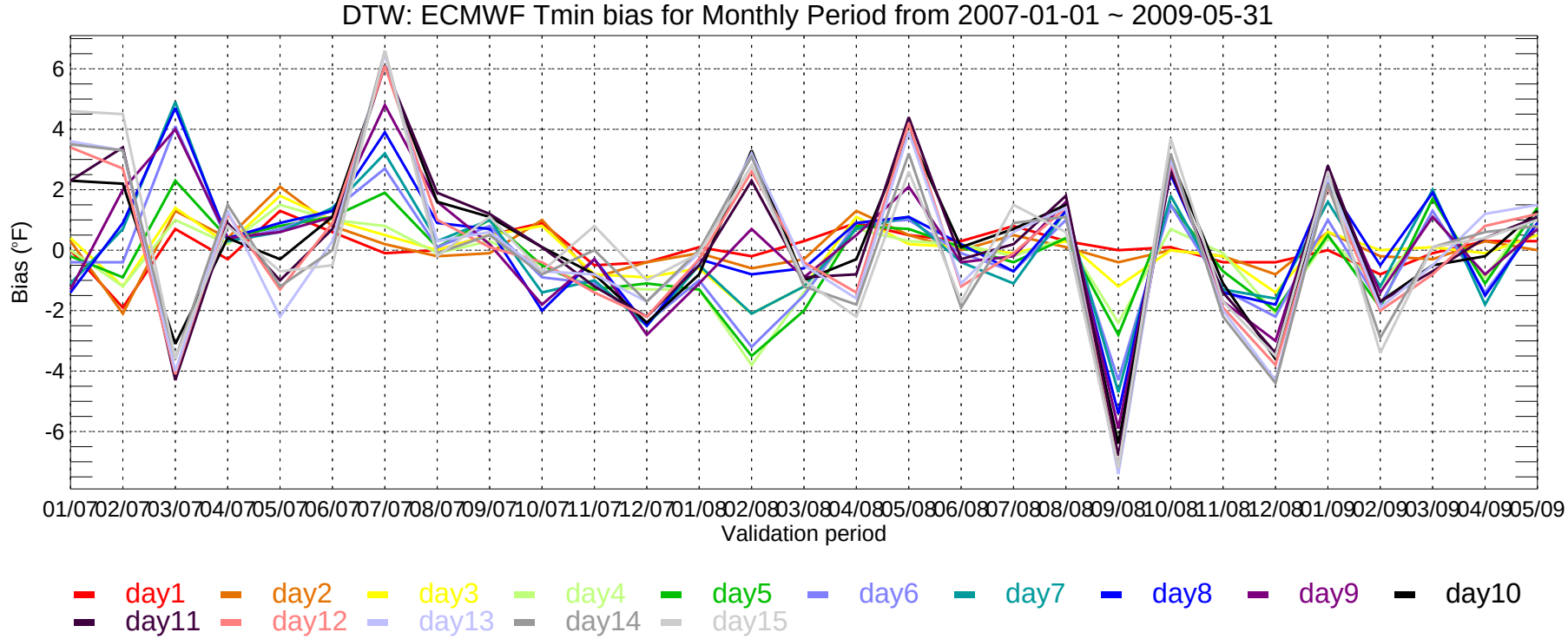
day11 day12 day13 day14 day15


DTW: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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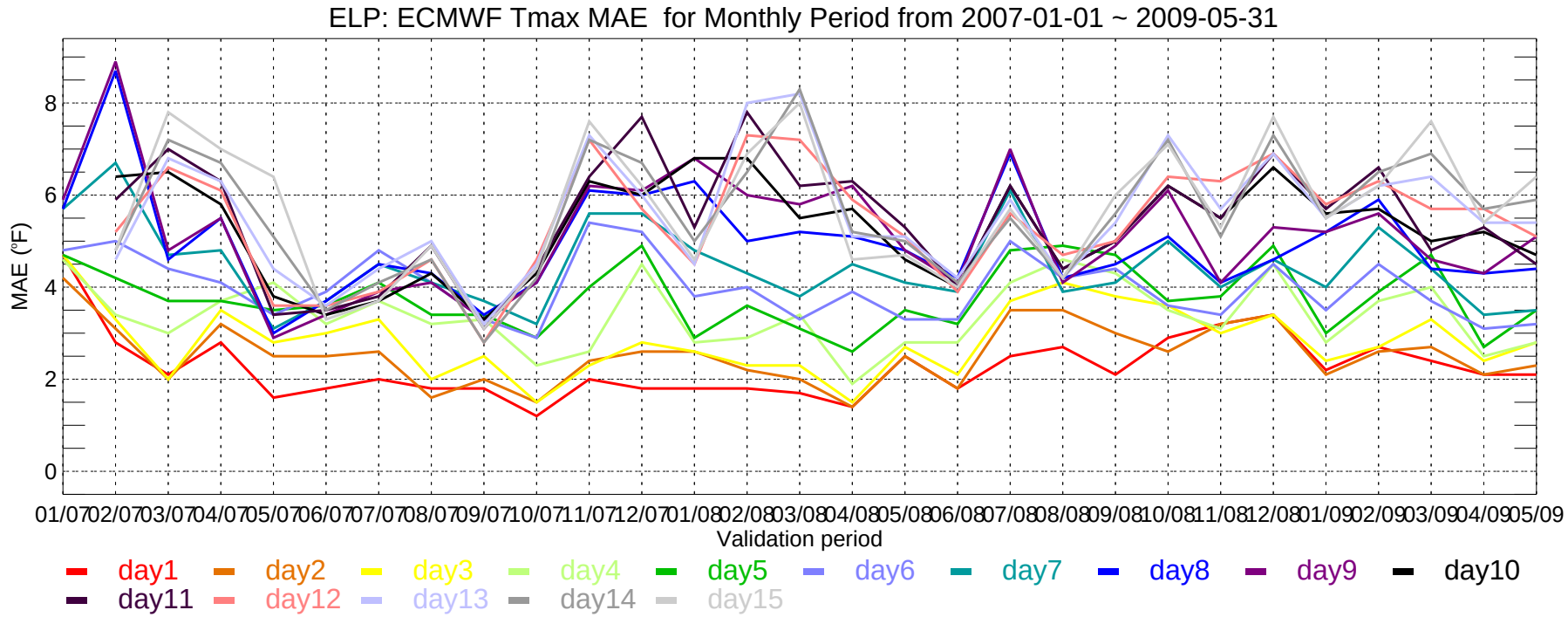
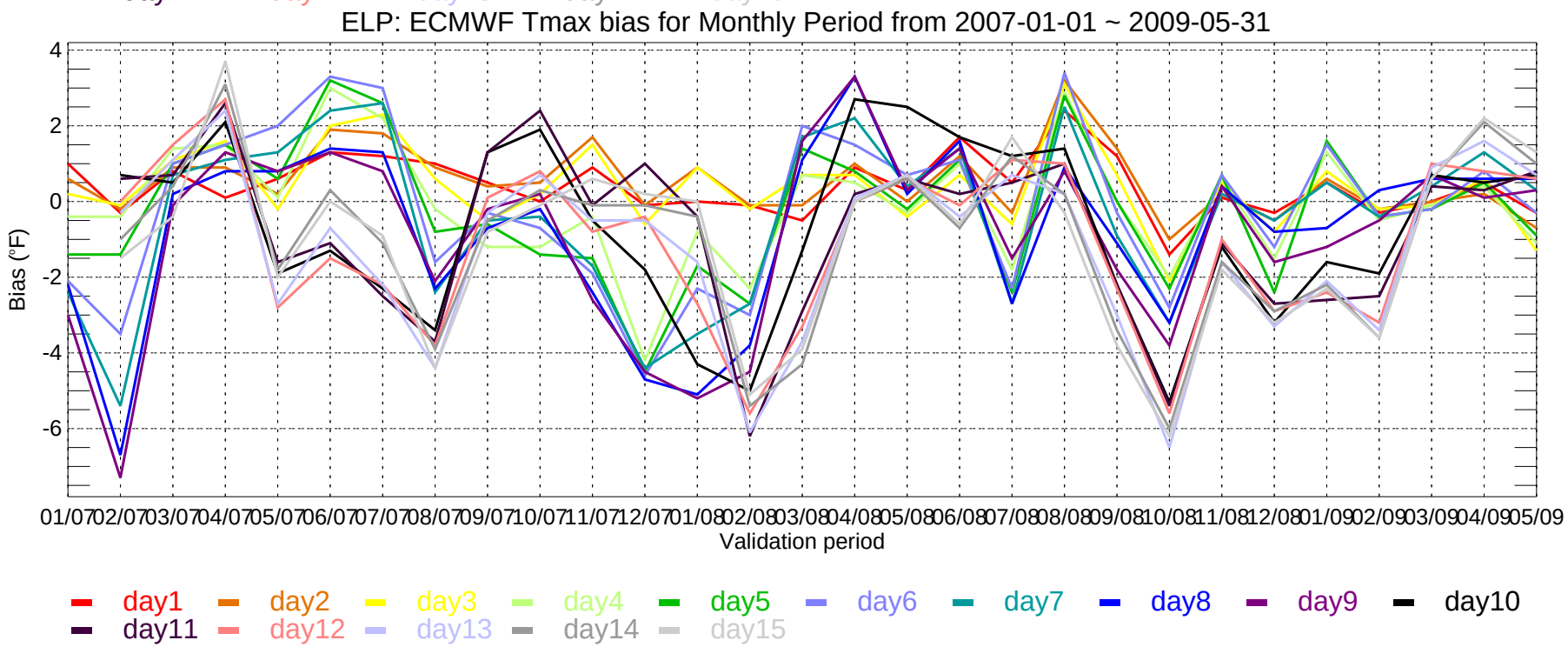
day11 day12 day13 day14 day15


ELP: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
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 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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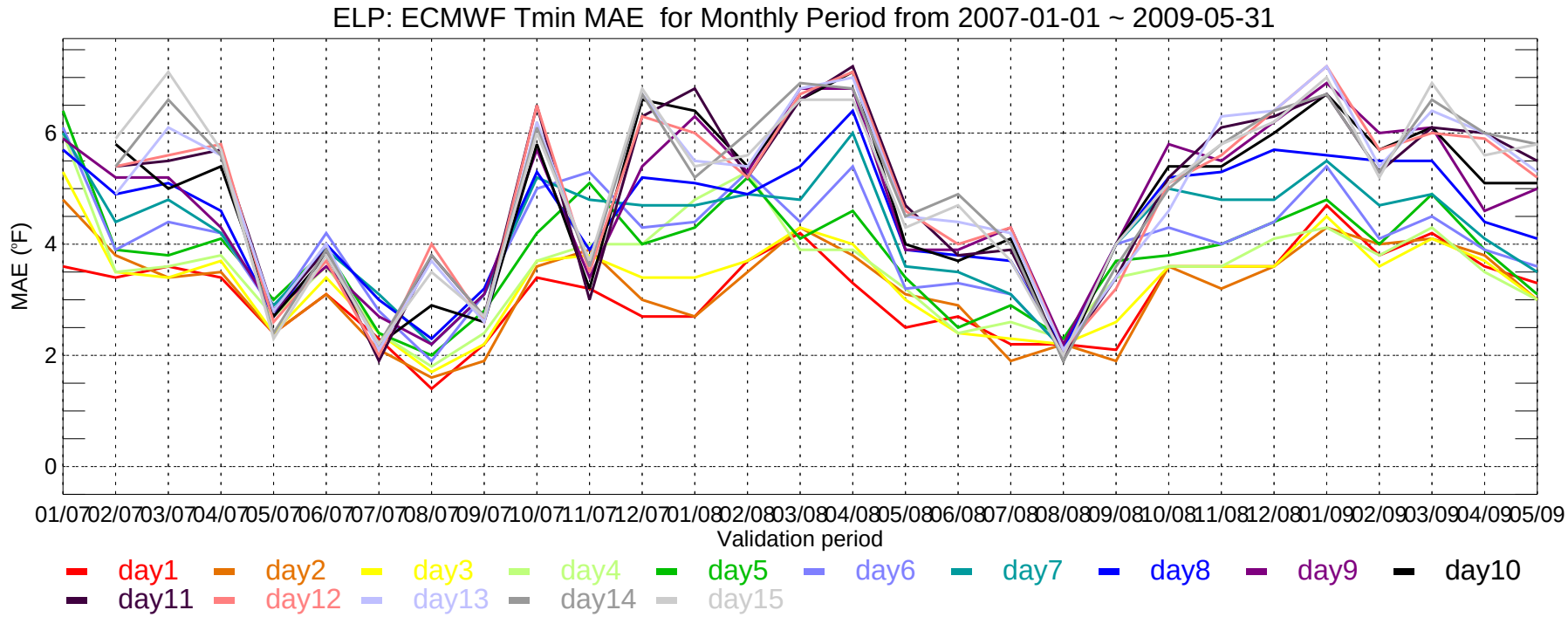
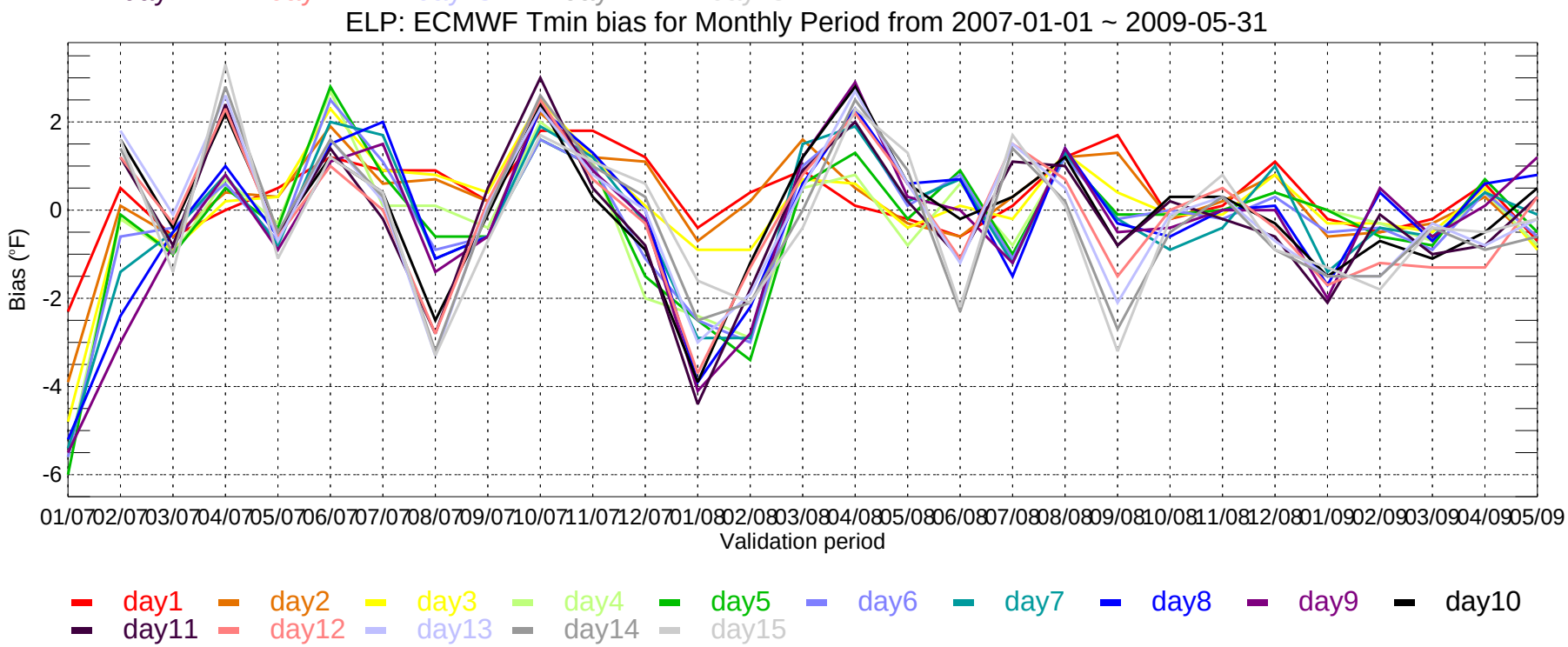
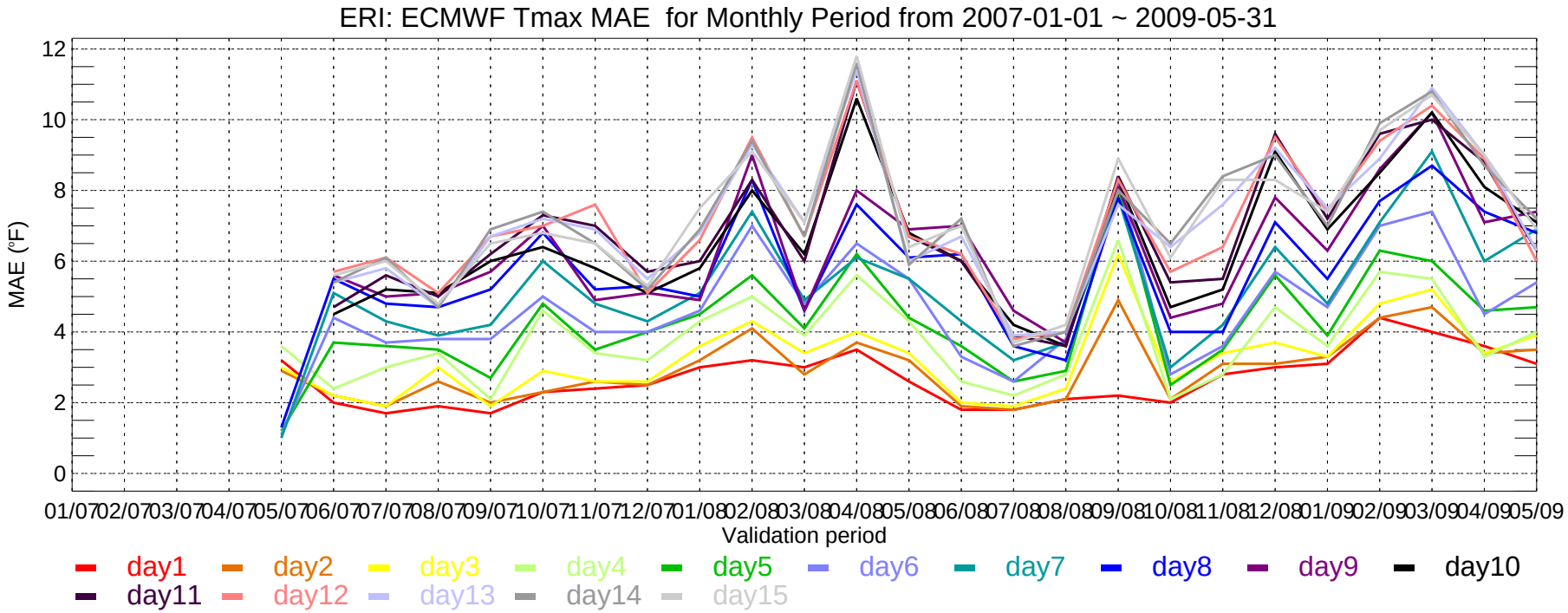
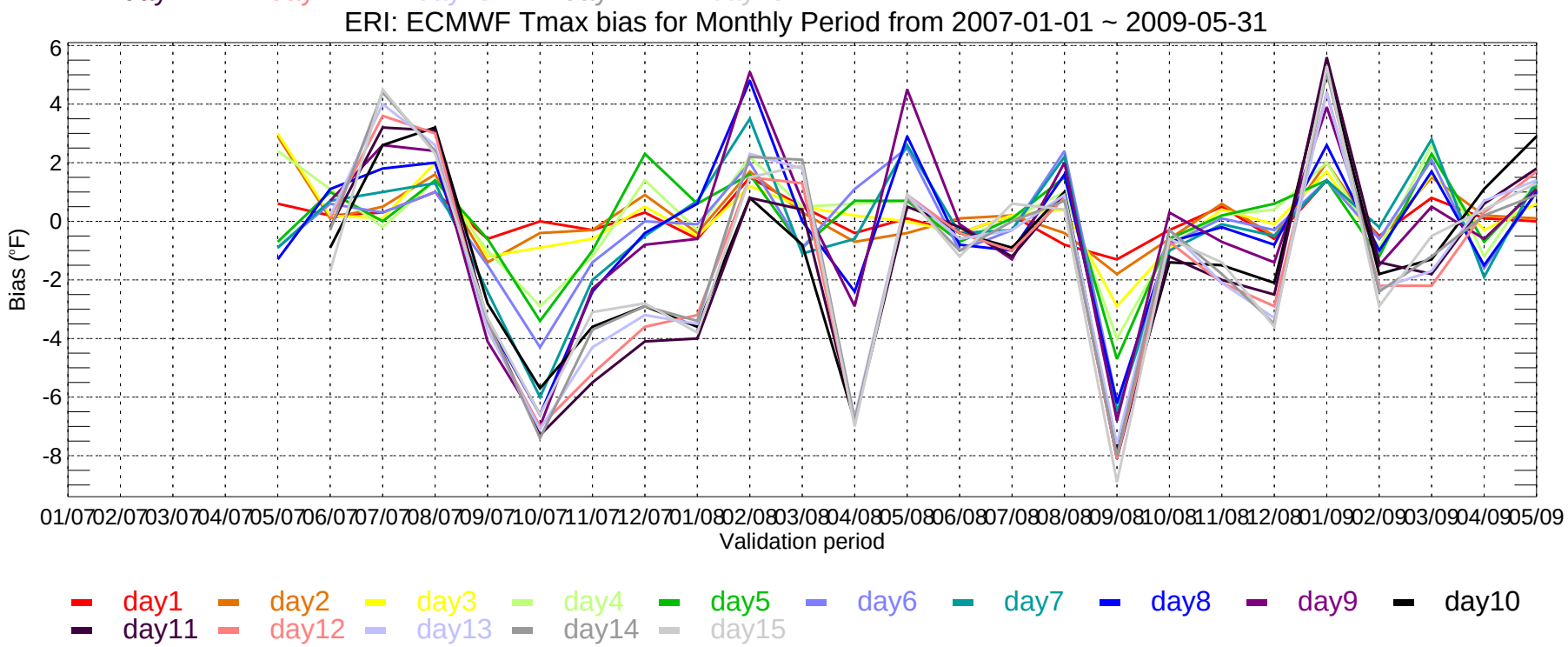
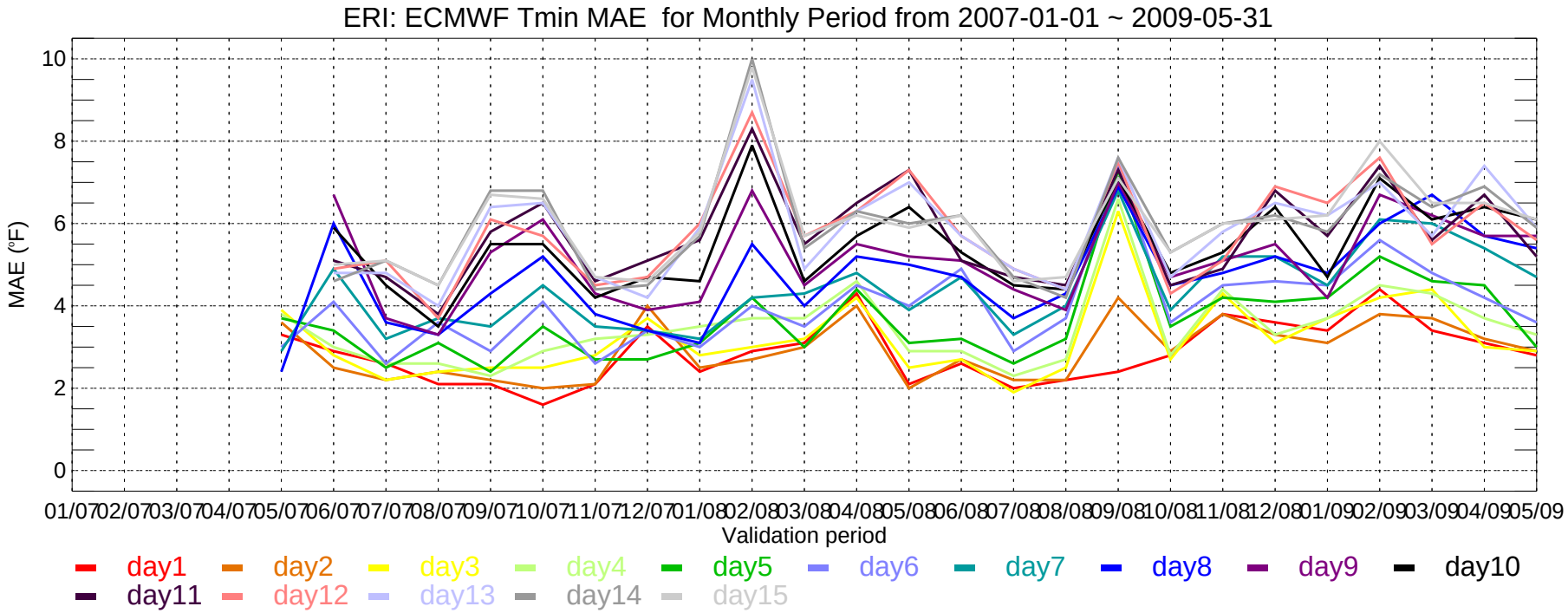
day11 day12 day13 day14 day15

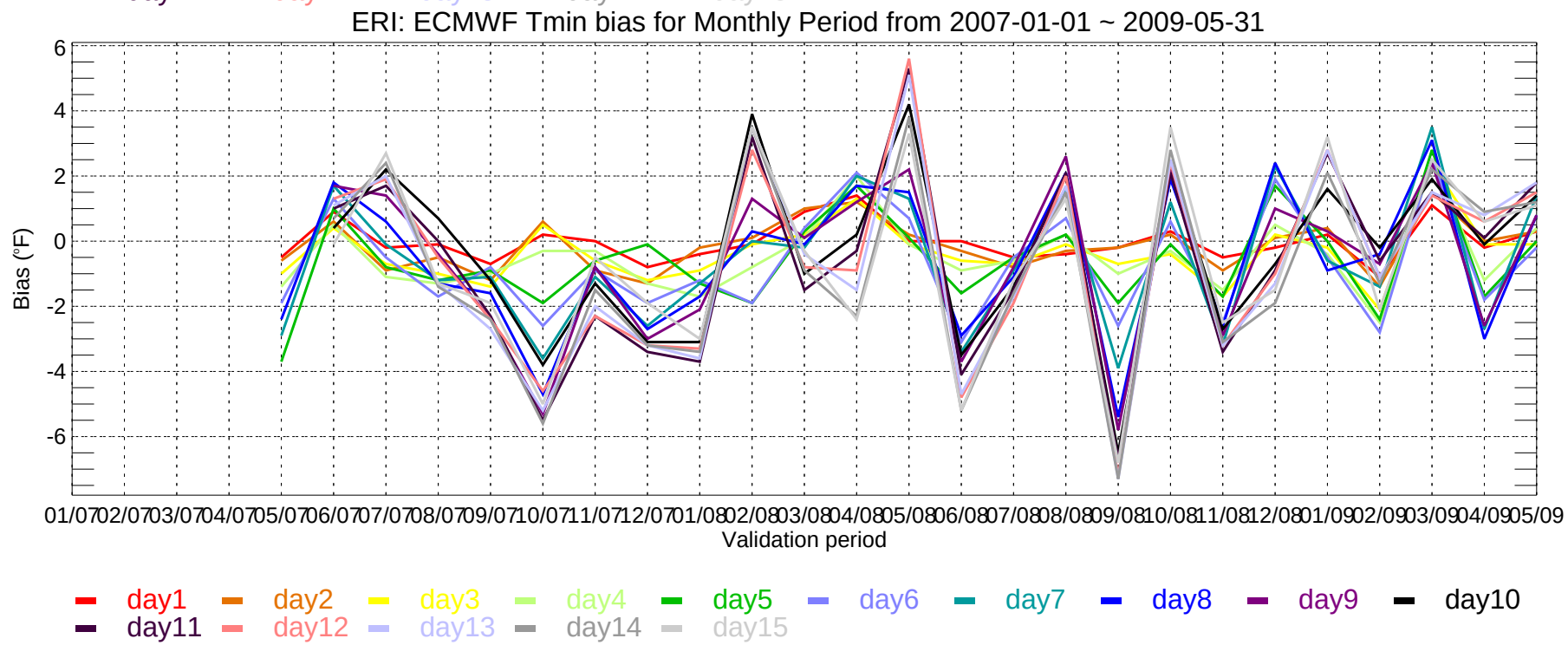

ELP: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ELP: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
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 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ERI: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ERI: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ERI: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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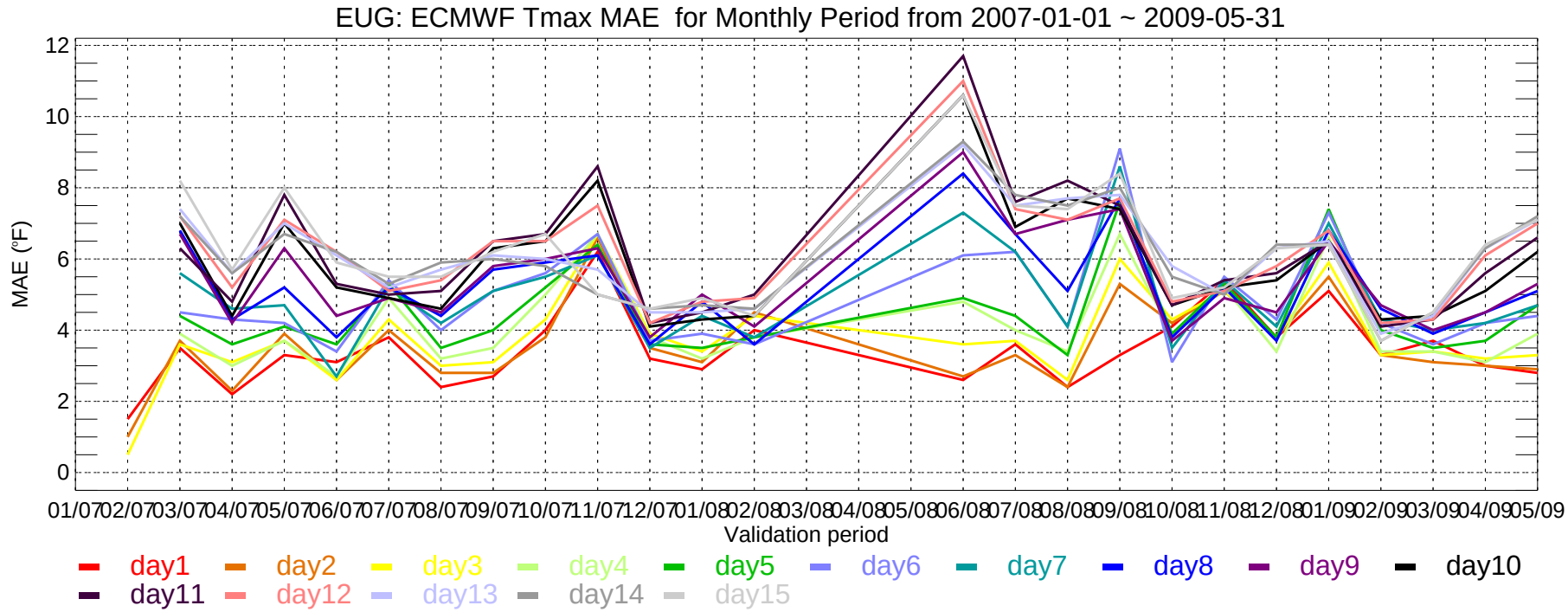
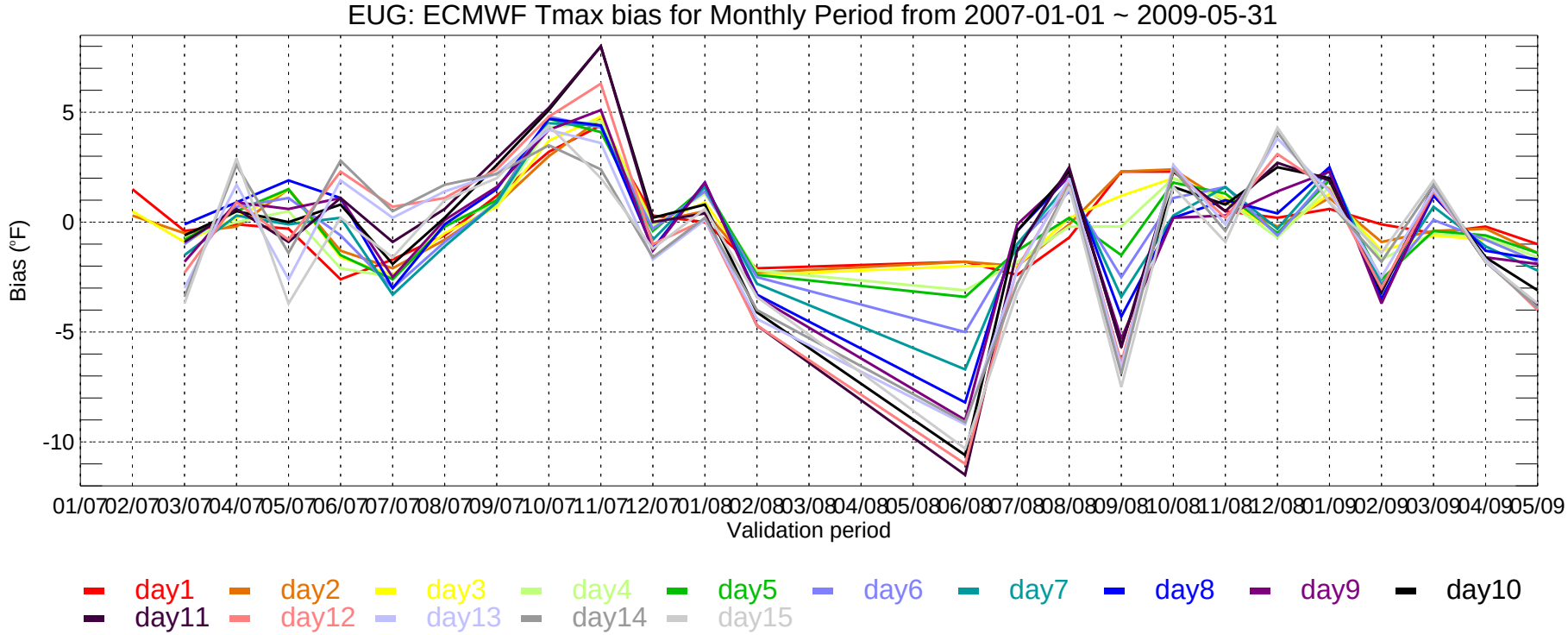
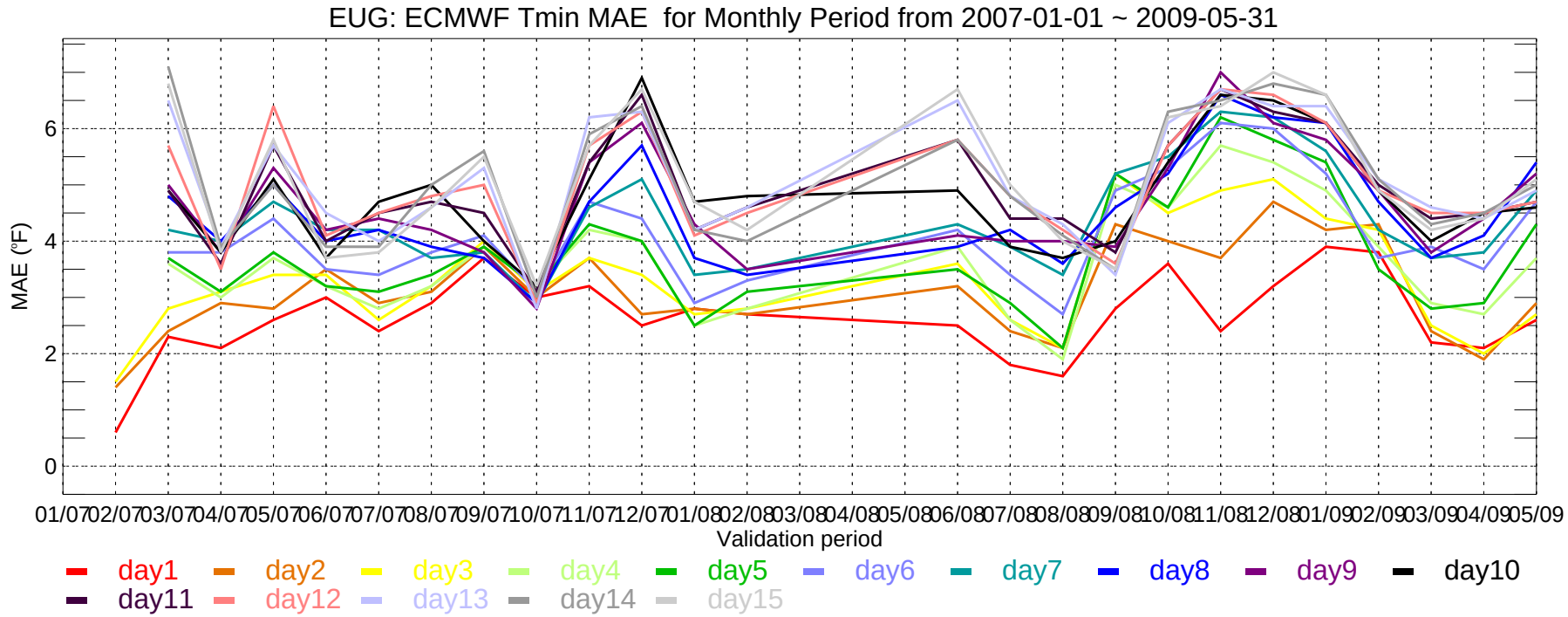
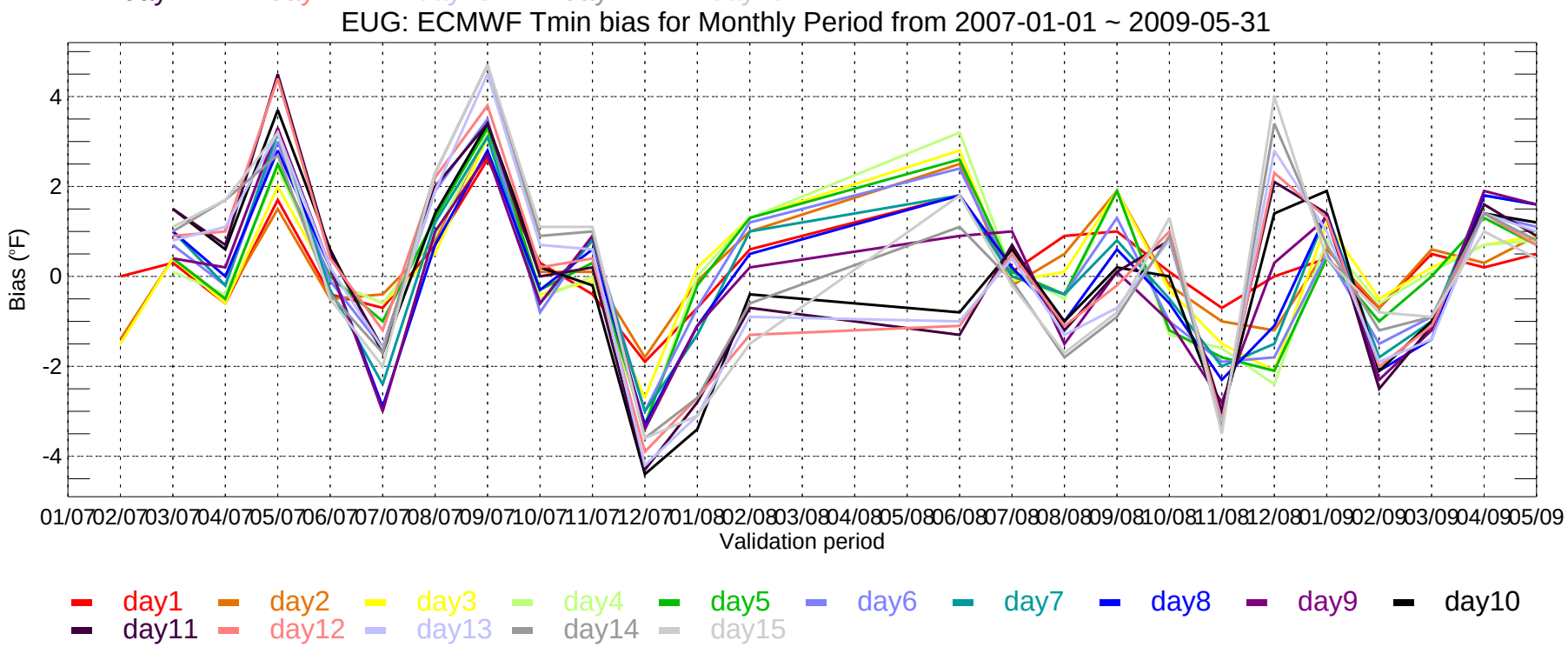
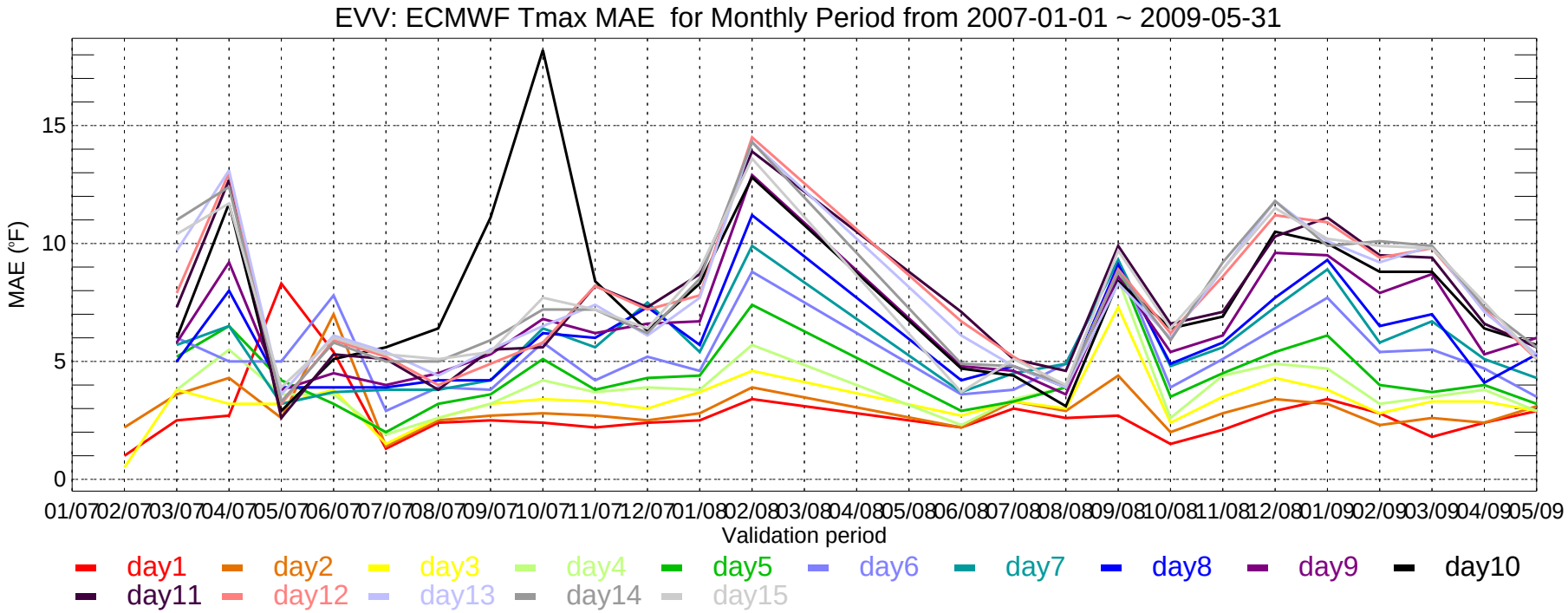
day11 day12 day13 day14 day15

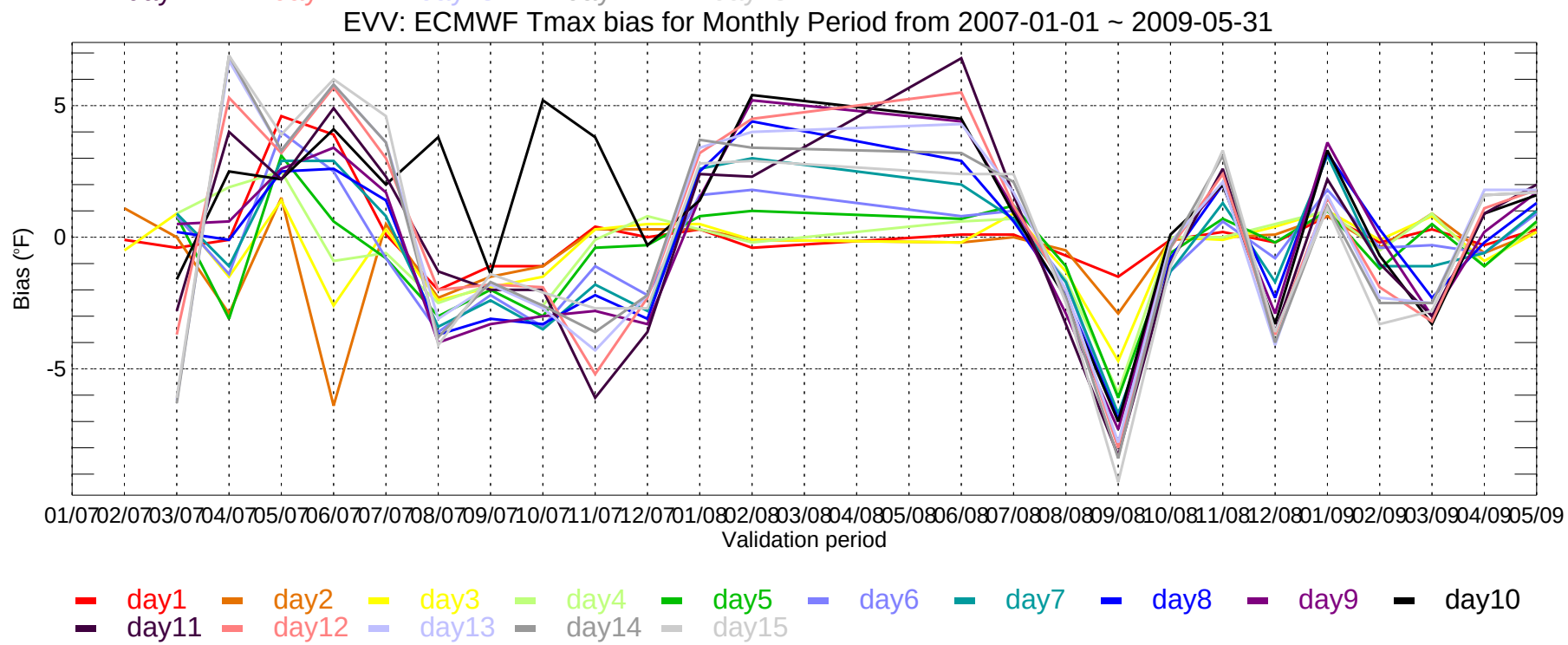

EUG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

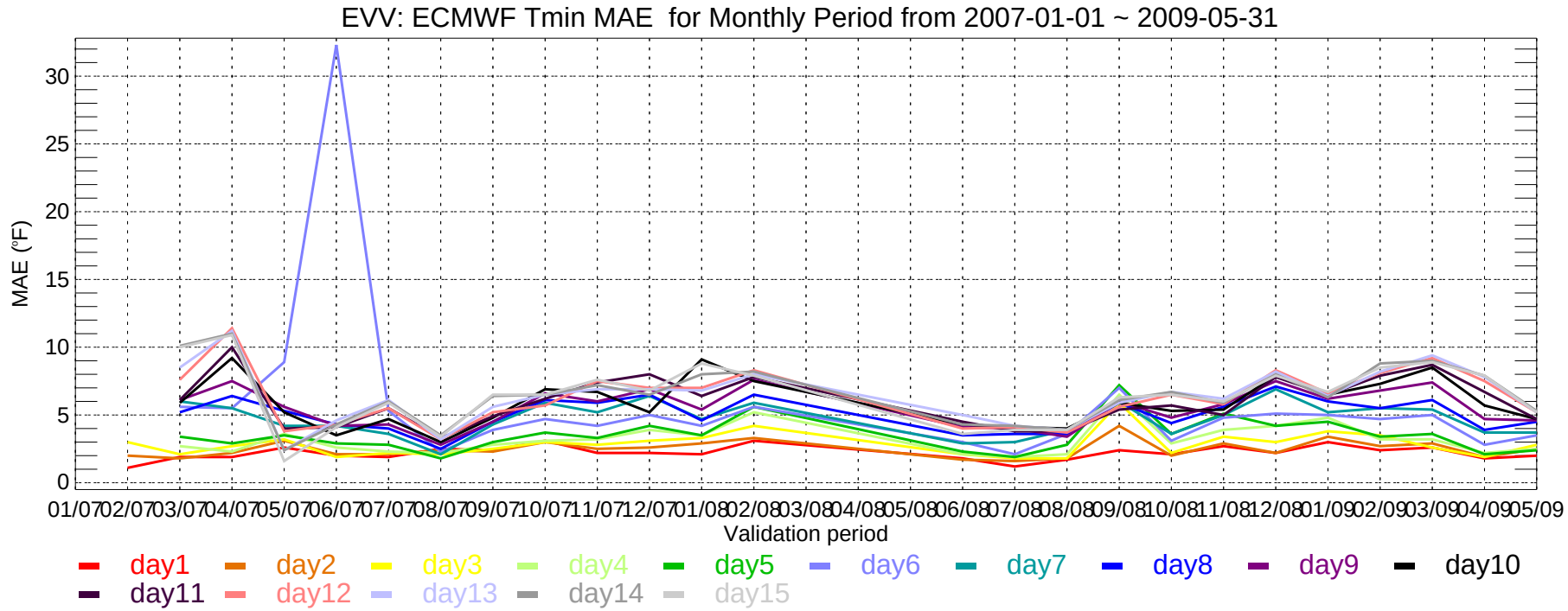

EUG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

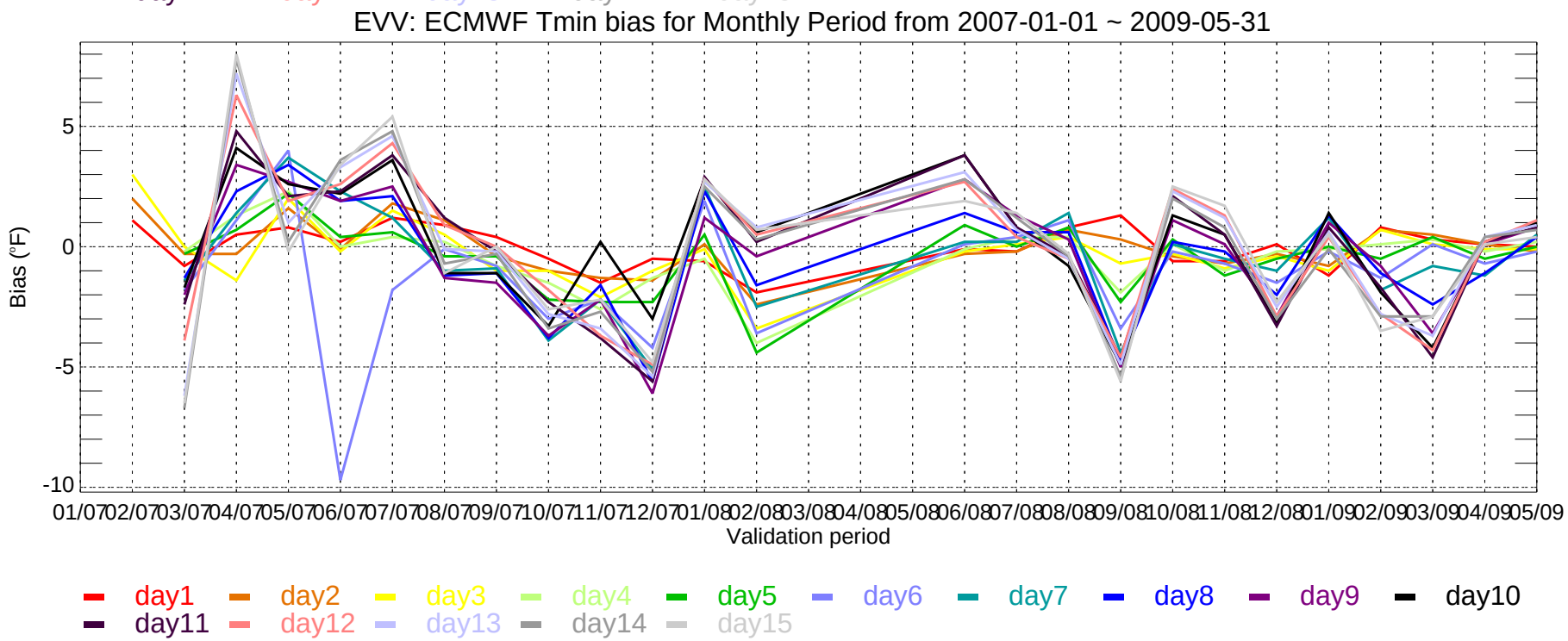

EUG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

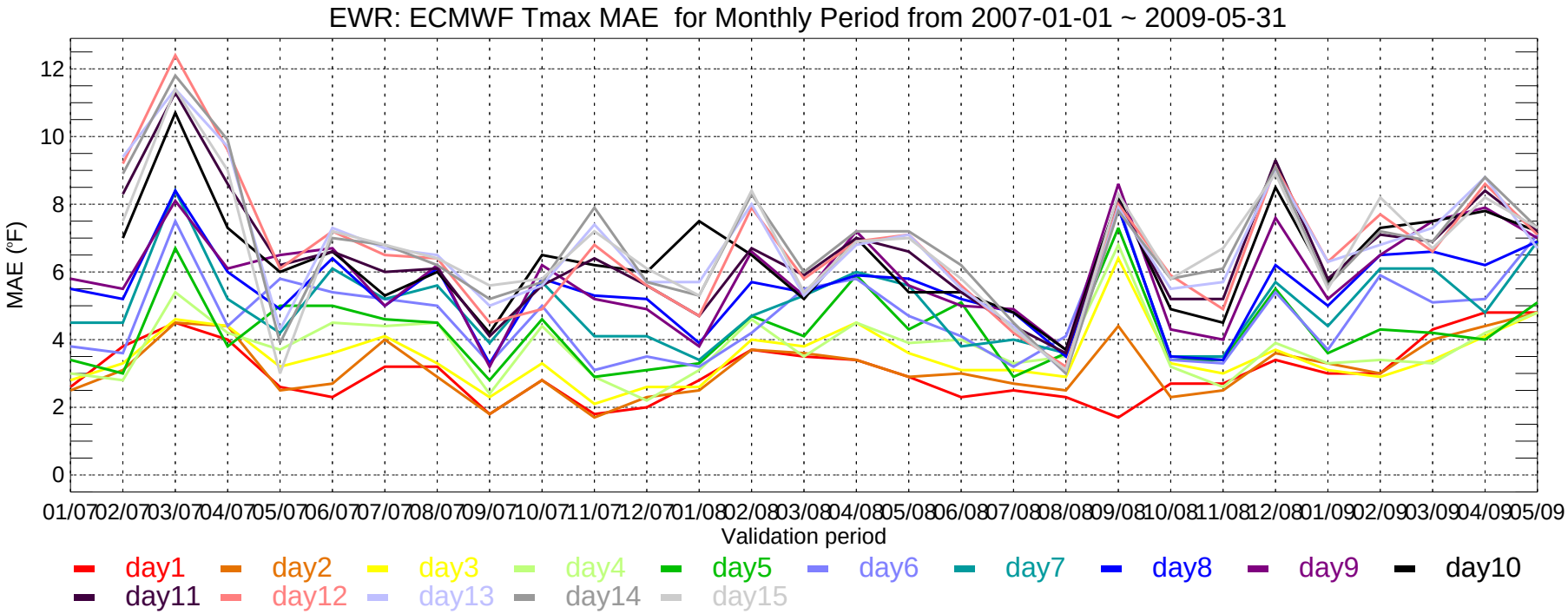

EUG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

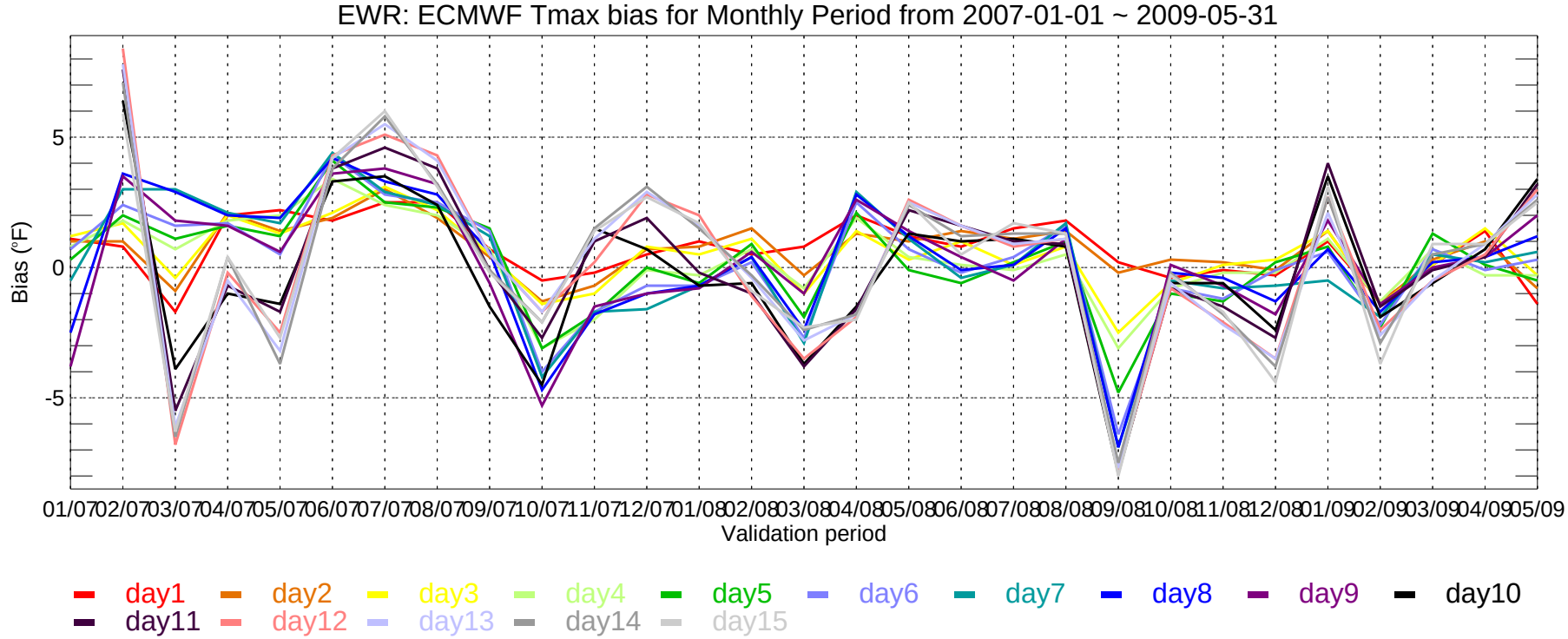

EVV: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

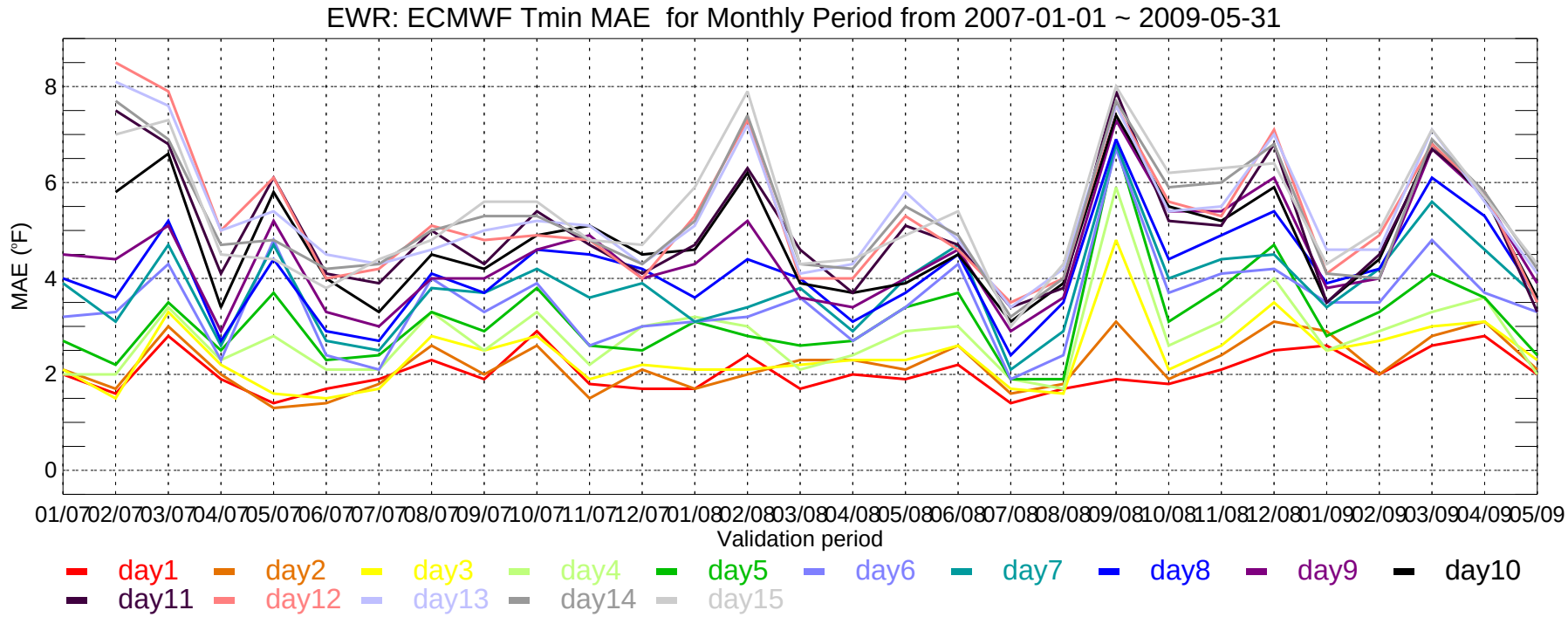

EVV: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

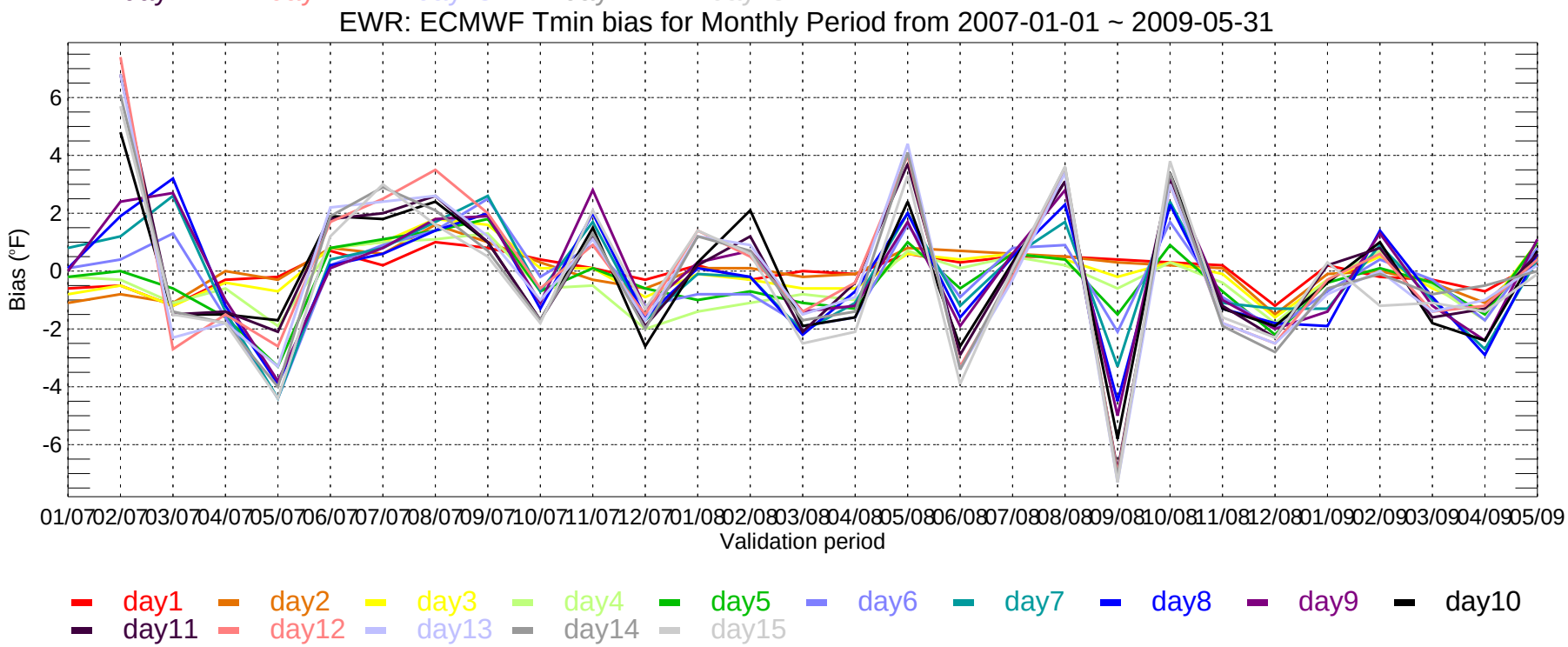

EVV: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
30
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

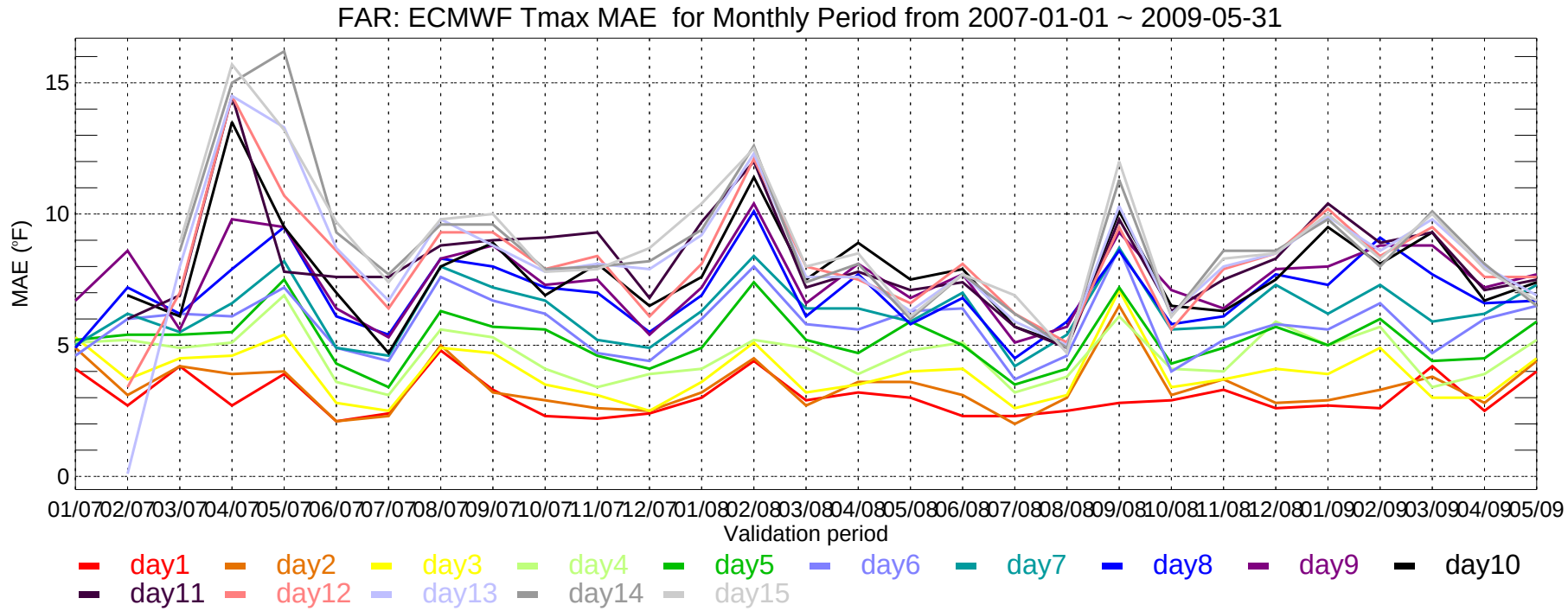

EVV: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

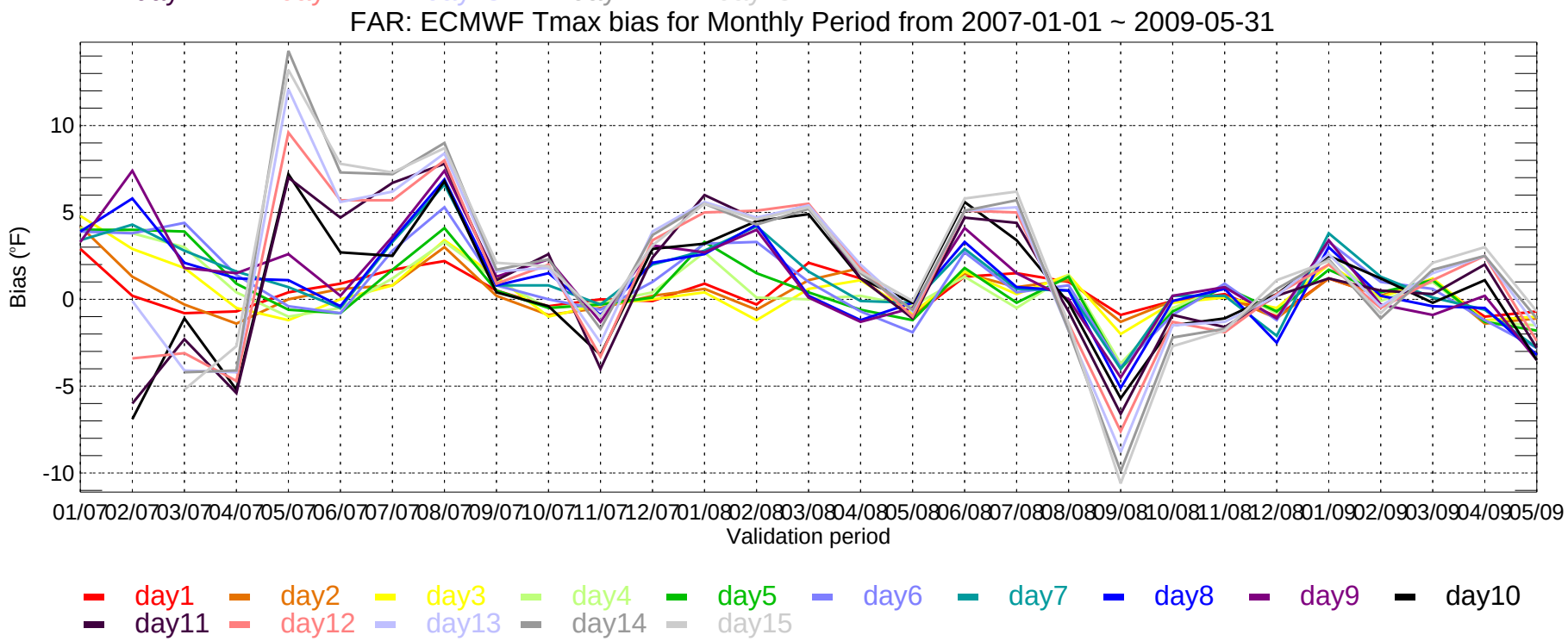

EWR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

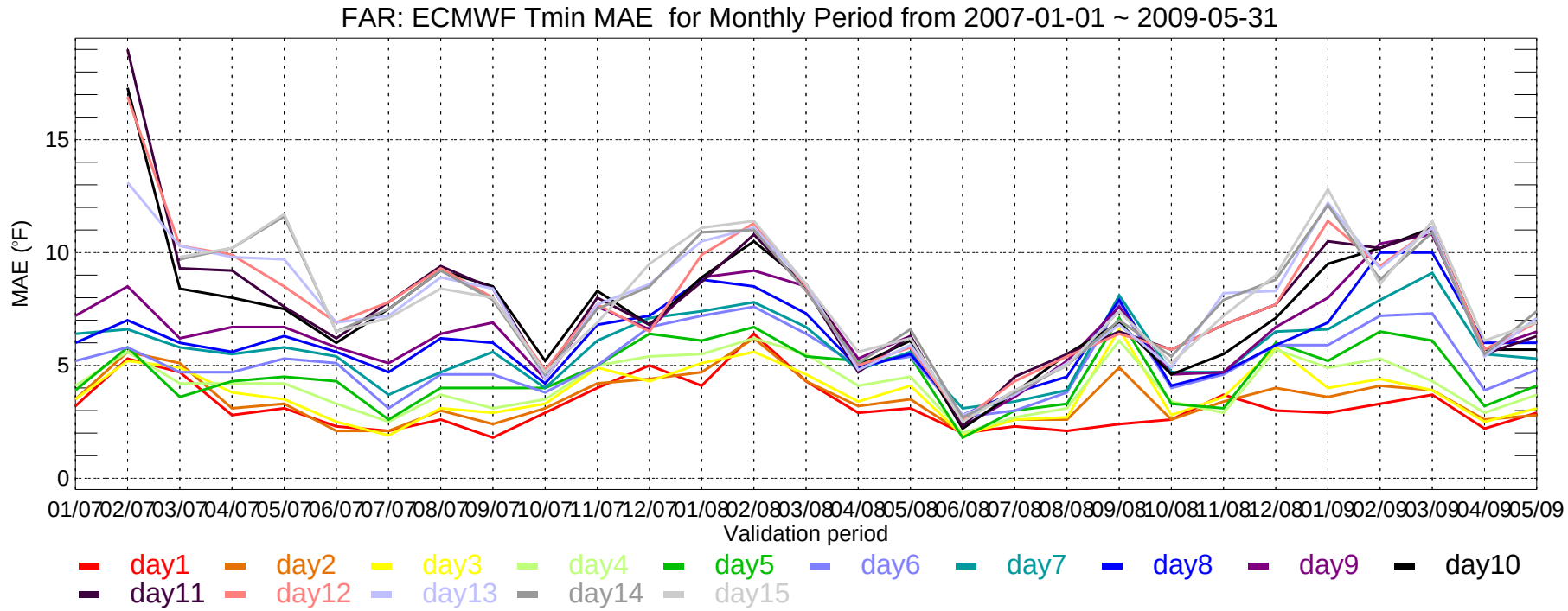

EWR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

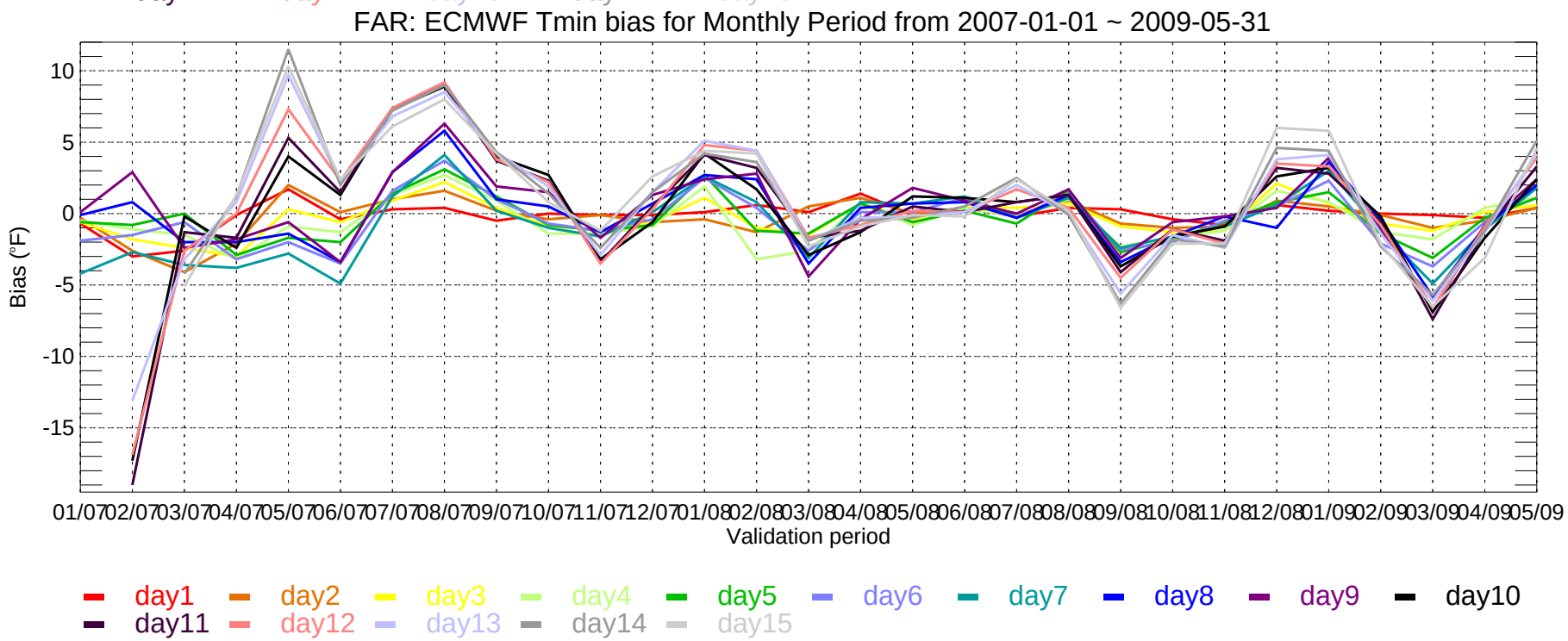

EWR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

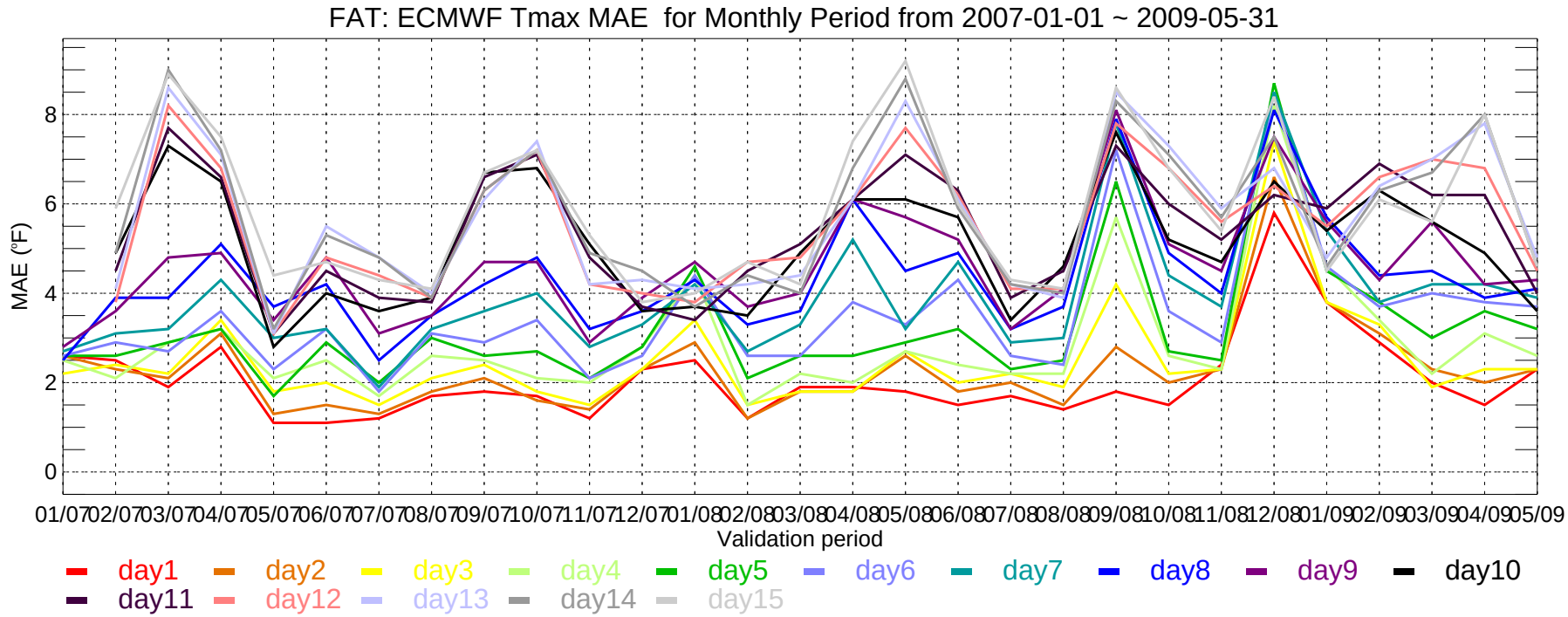

EWR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

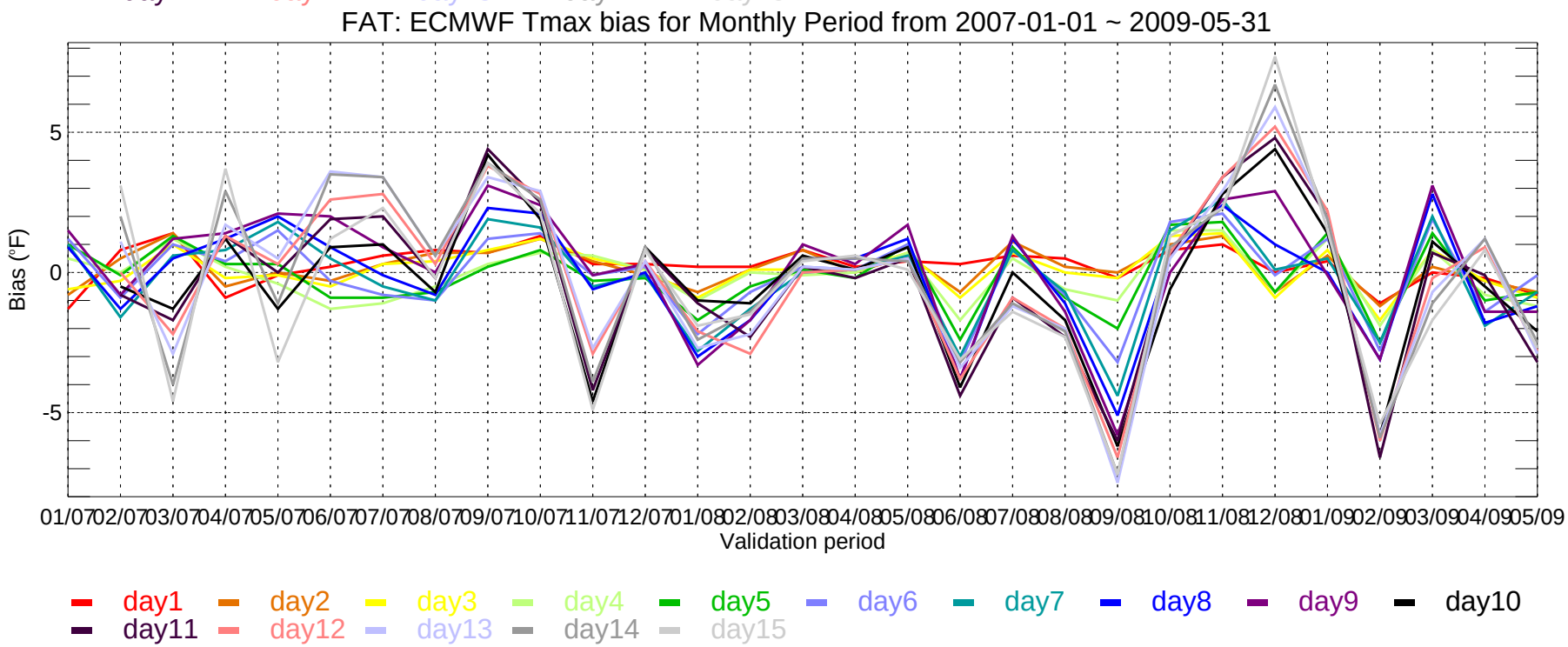

FAR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

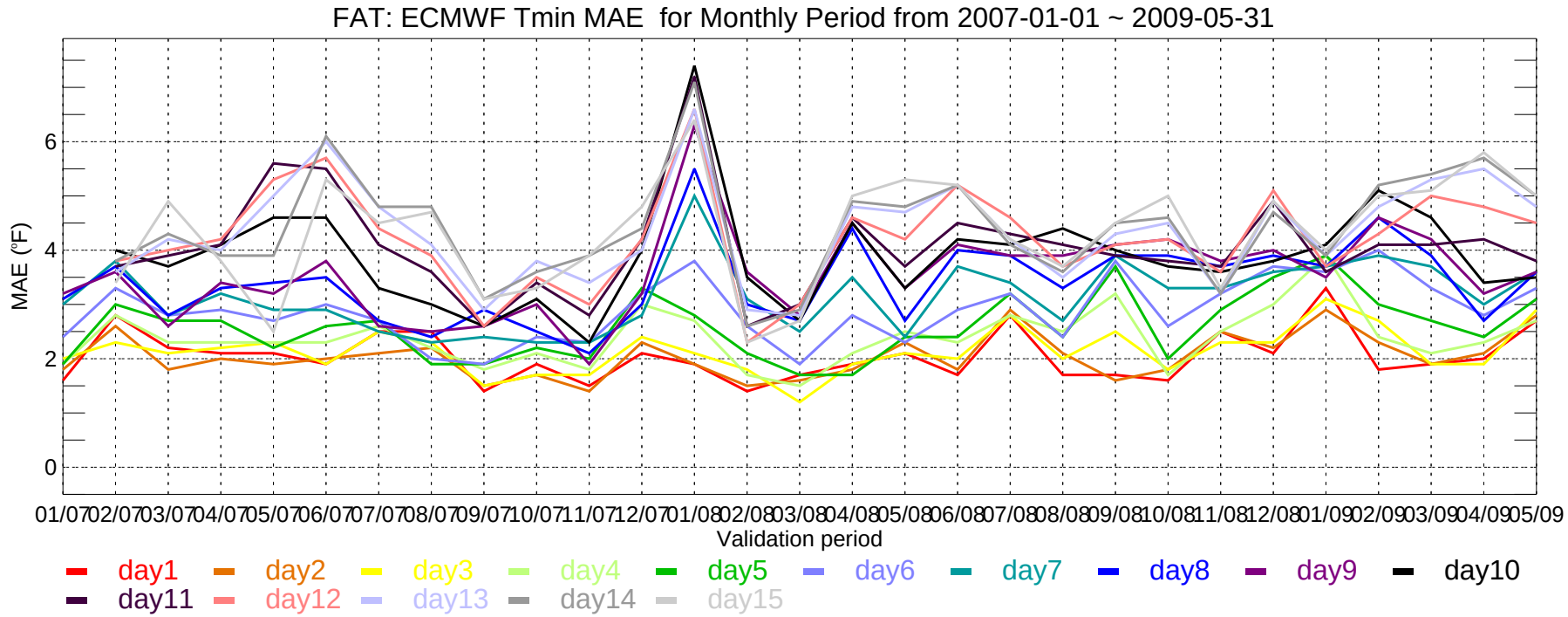

FAR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

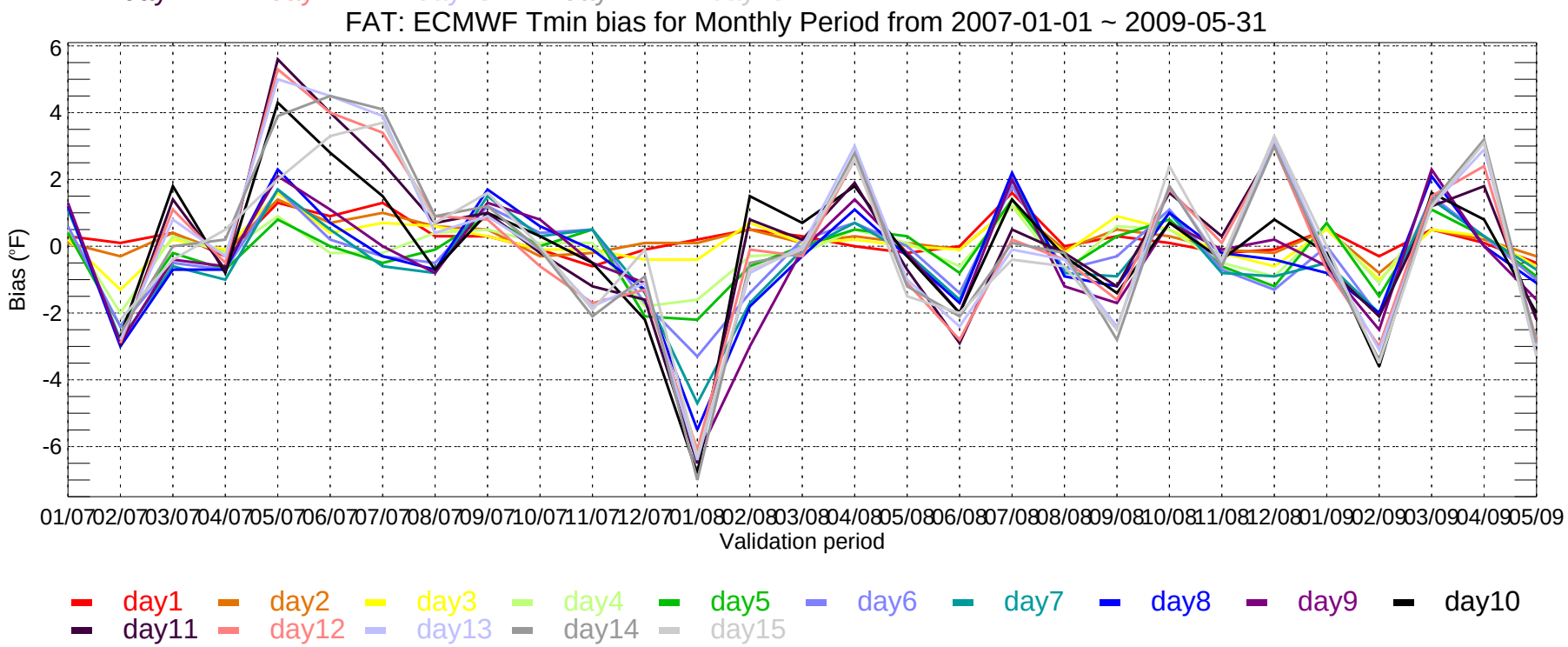

FAR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

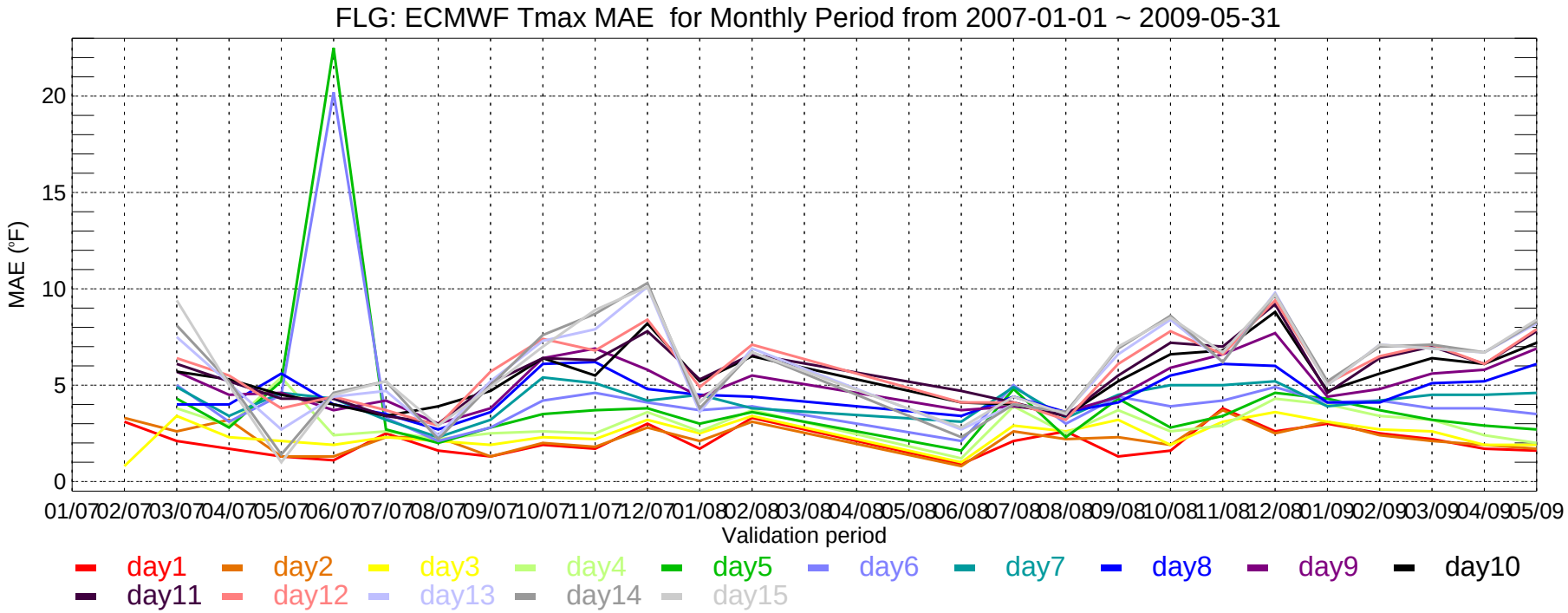

FAR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

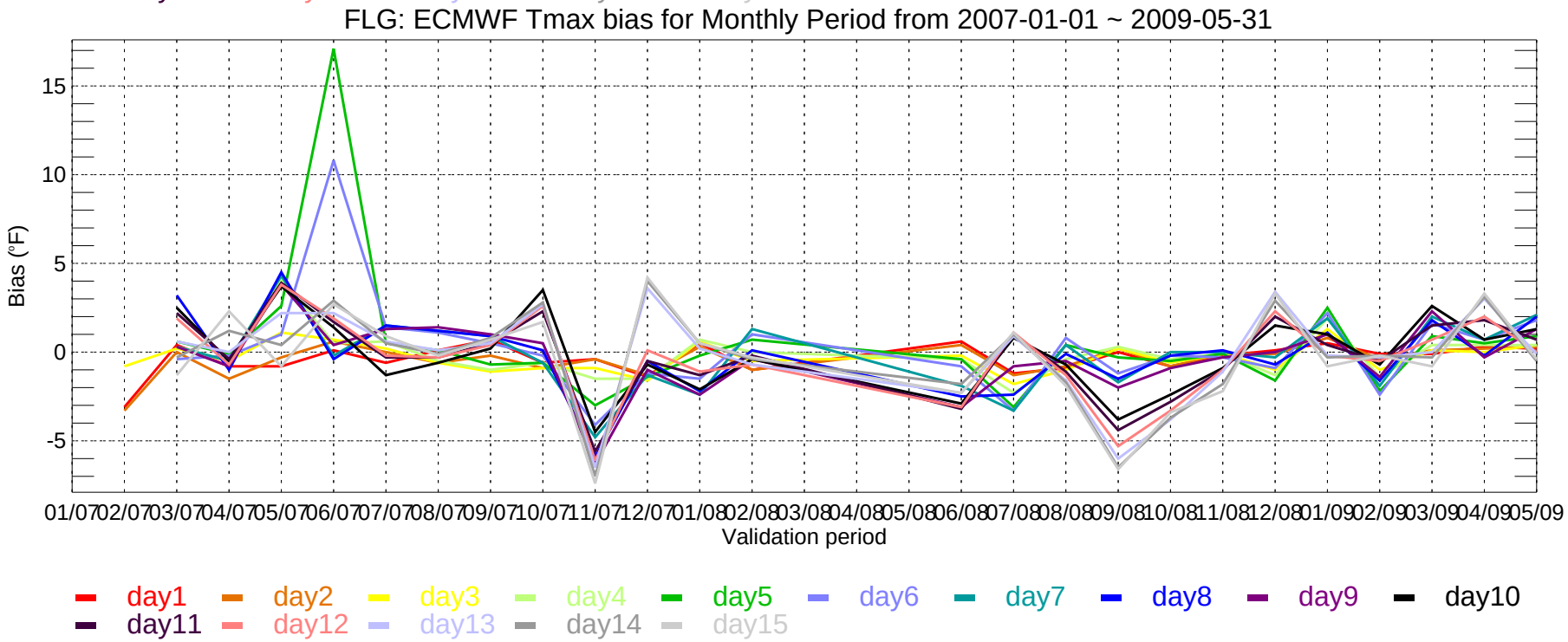

FAT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

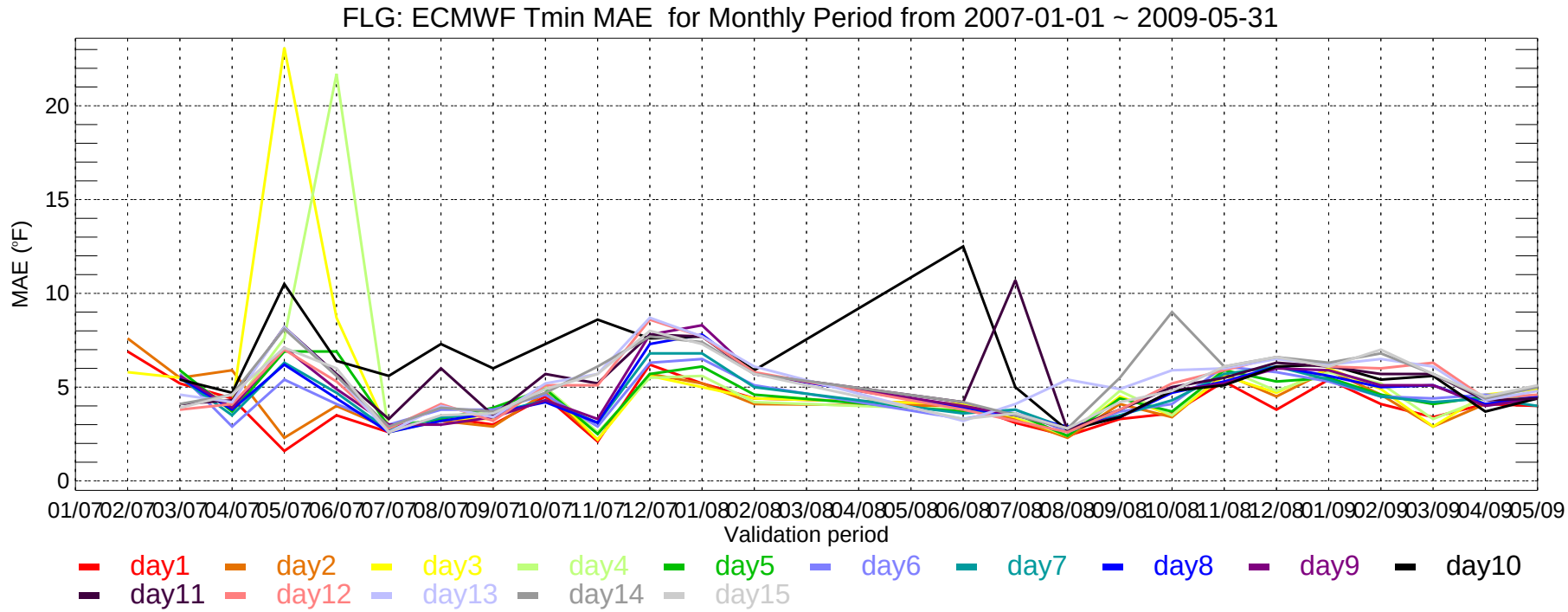

FAT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

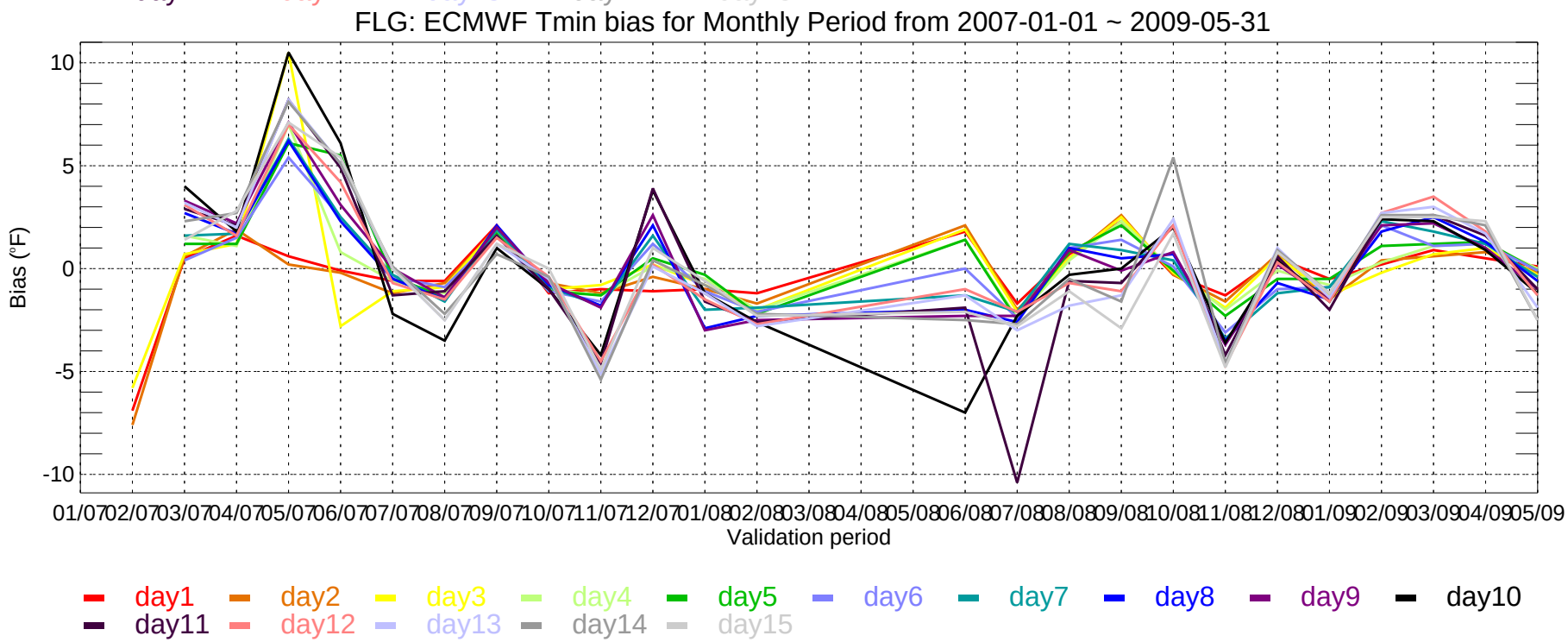

FAT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

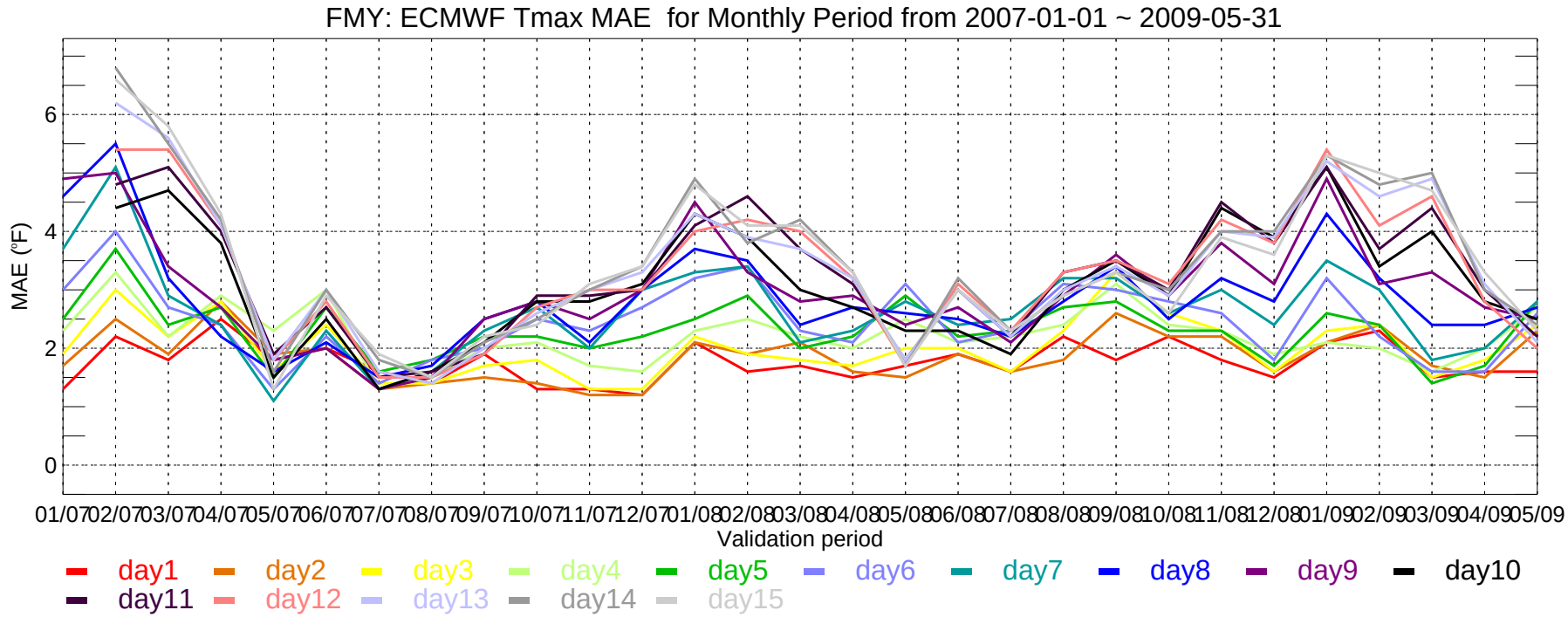

FAT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

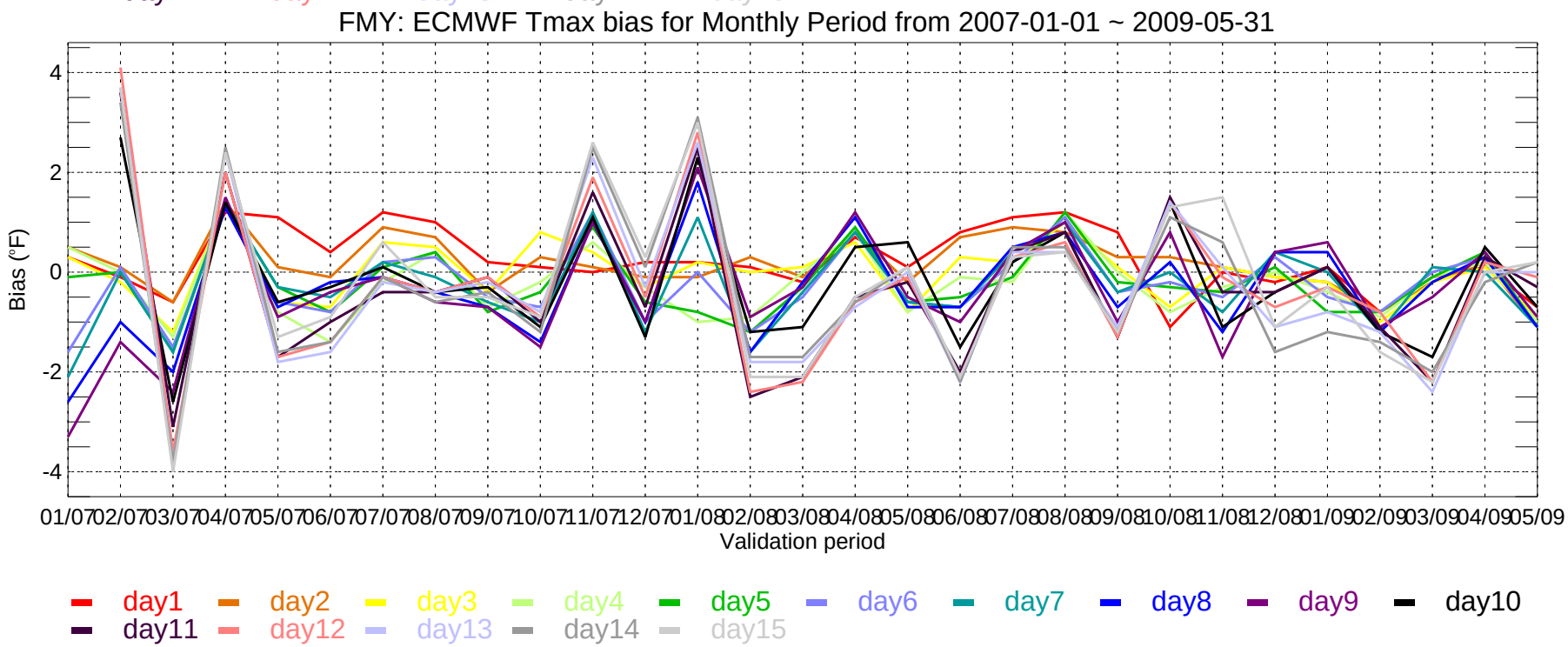

FLG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

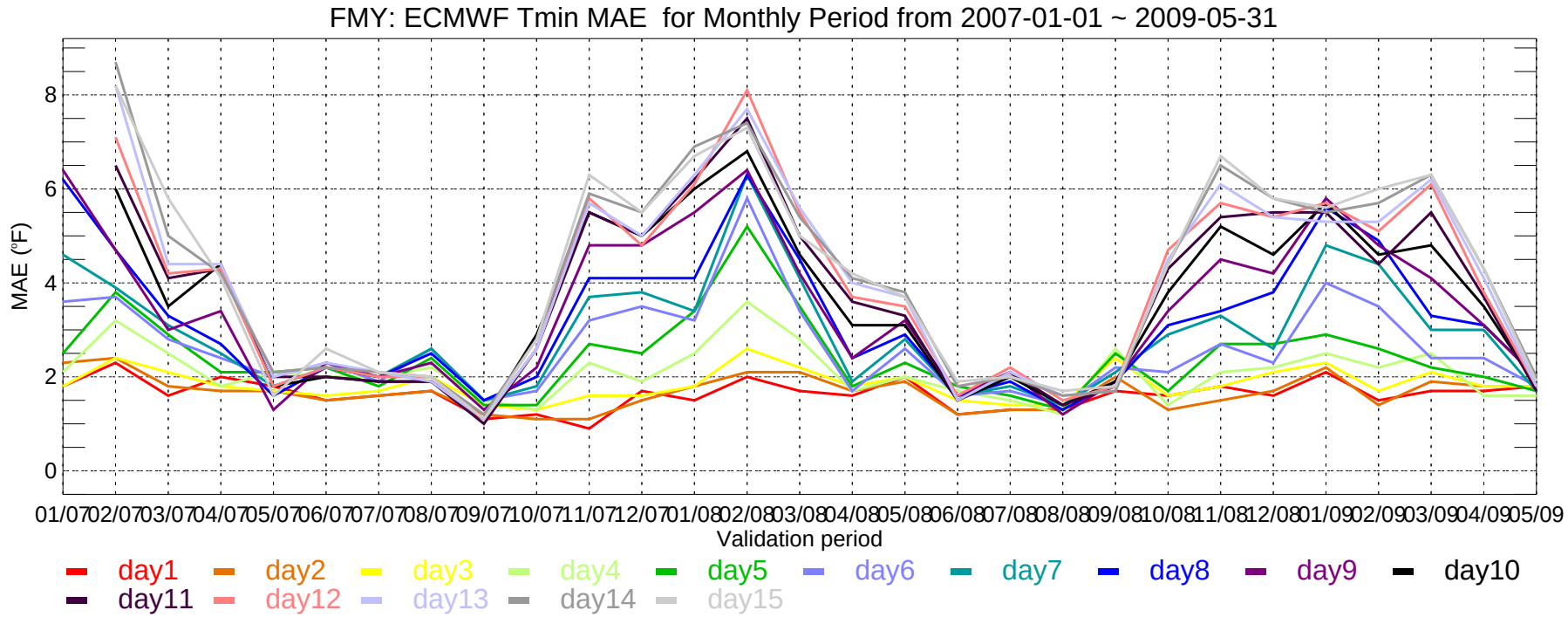

FLG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FLG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FLG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FMY: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FMY: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FMY: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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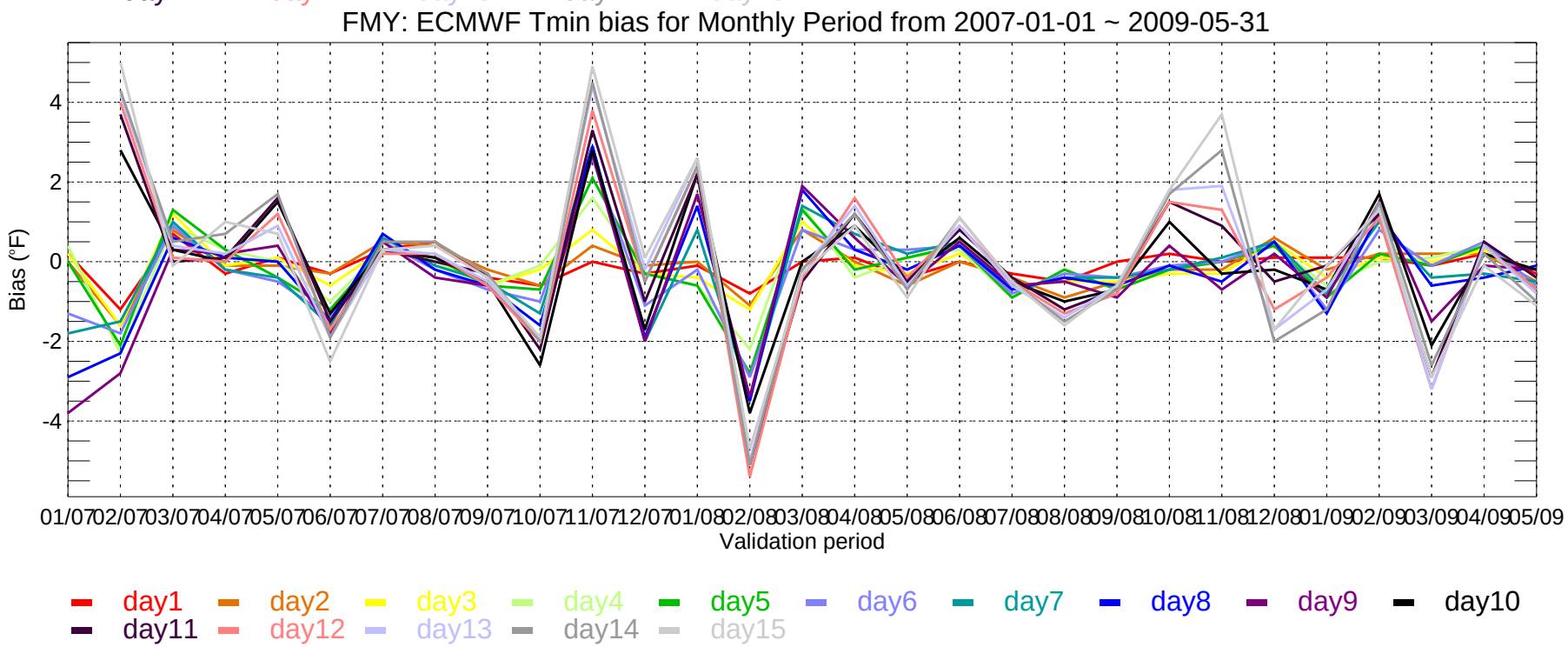
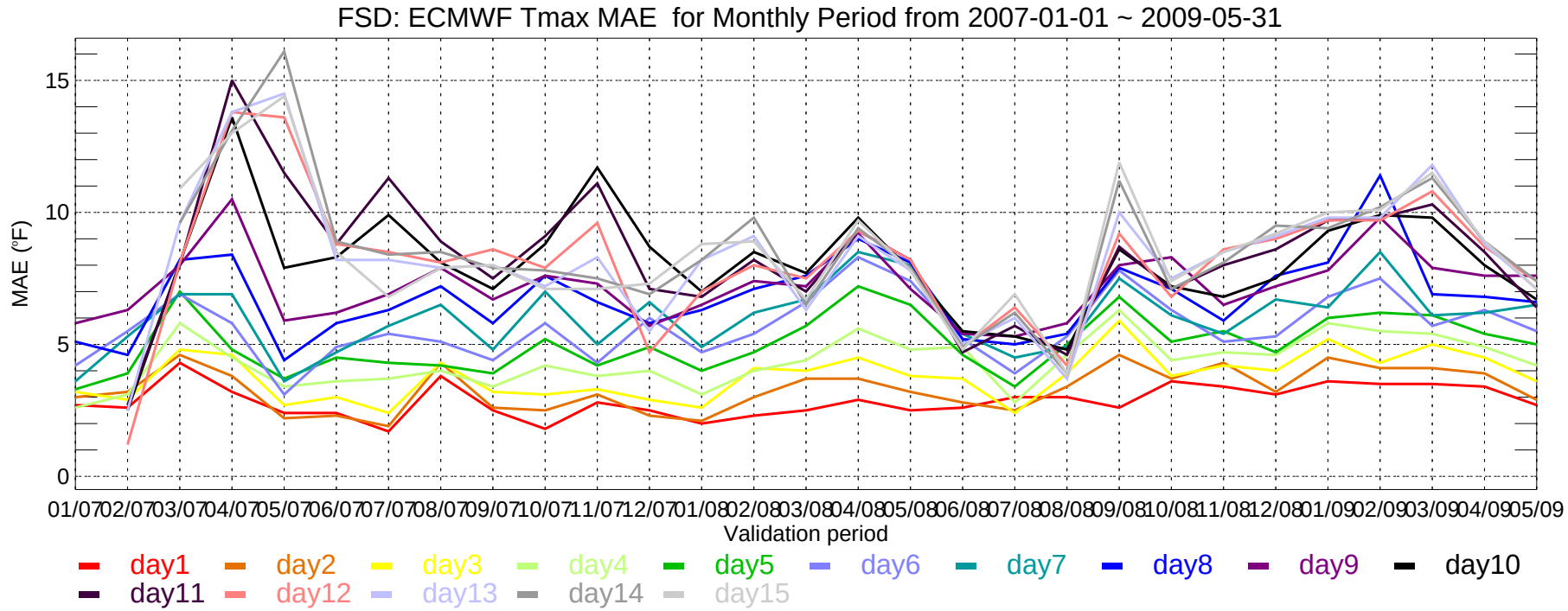
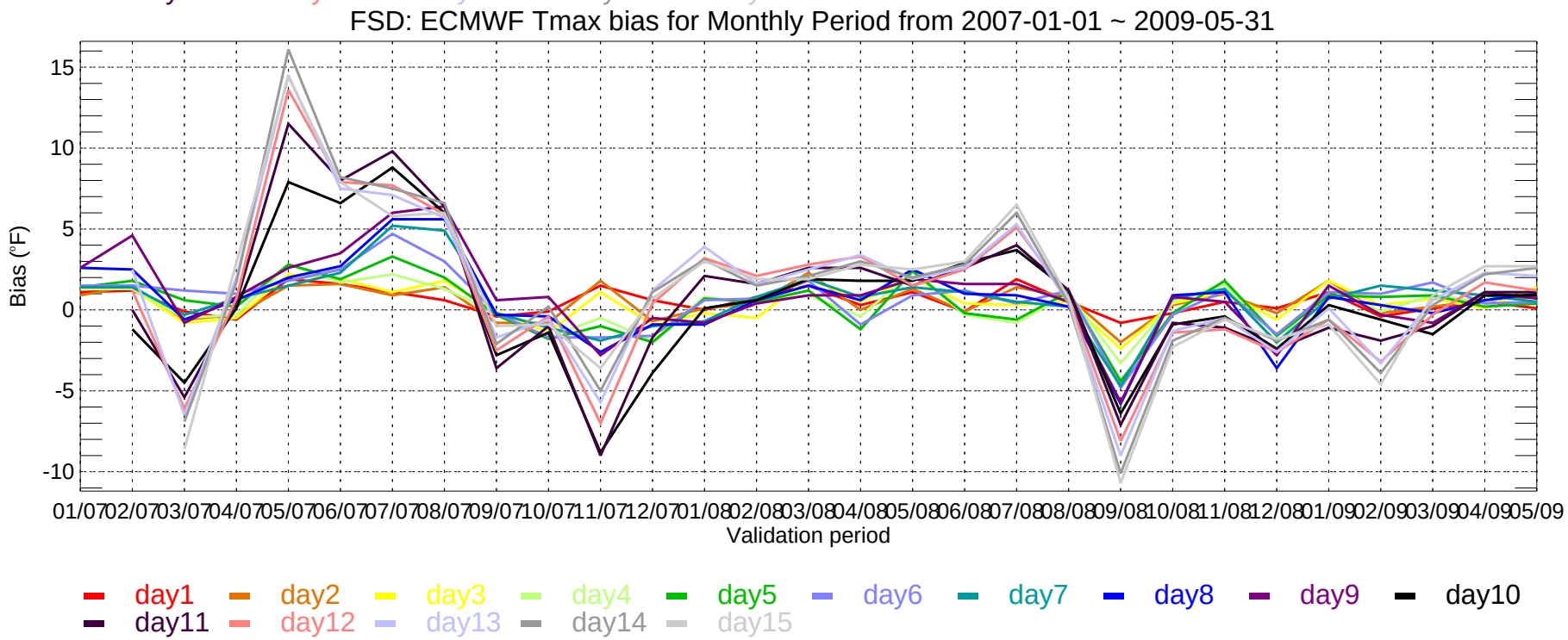
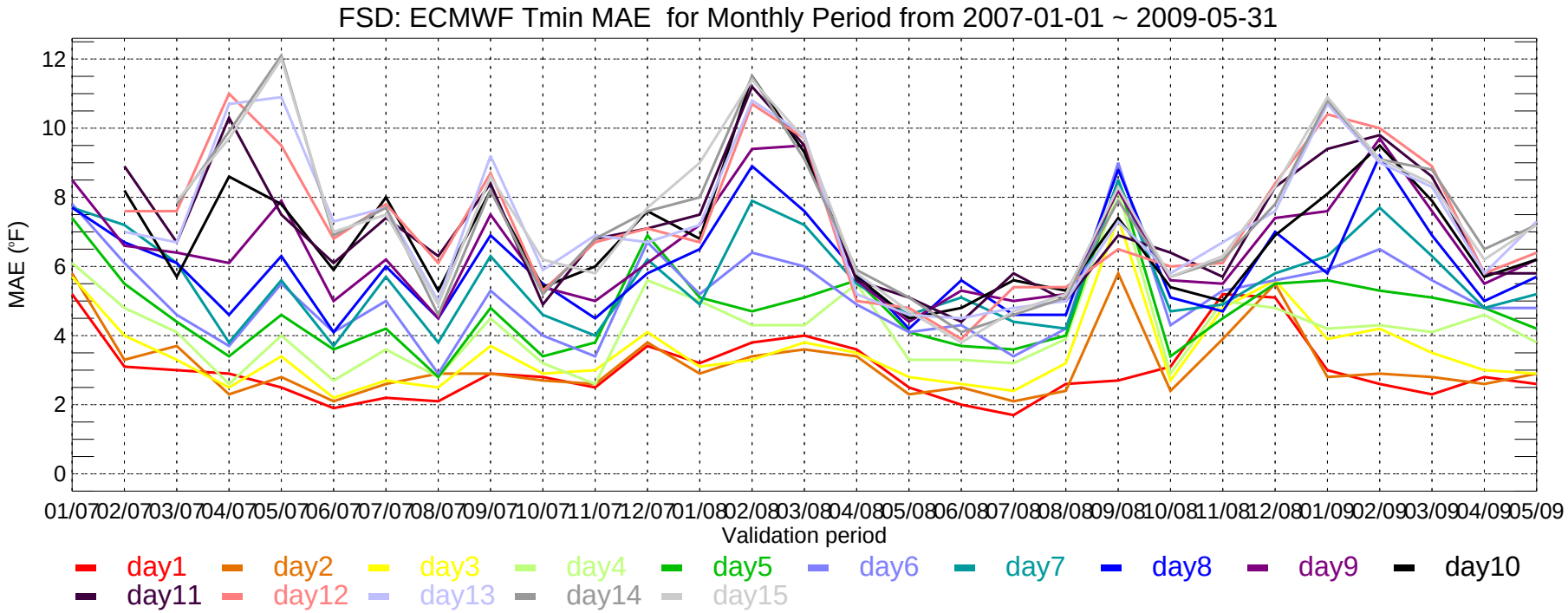
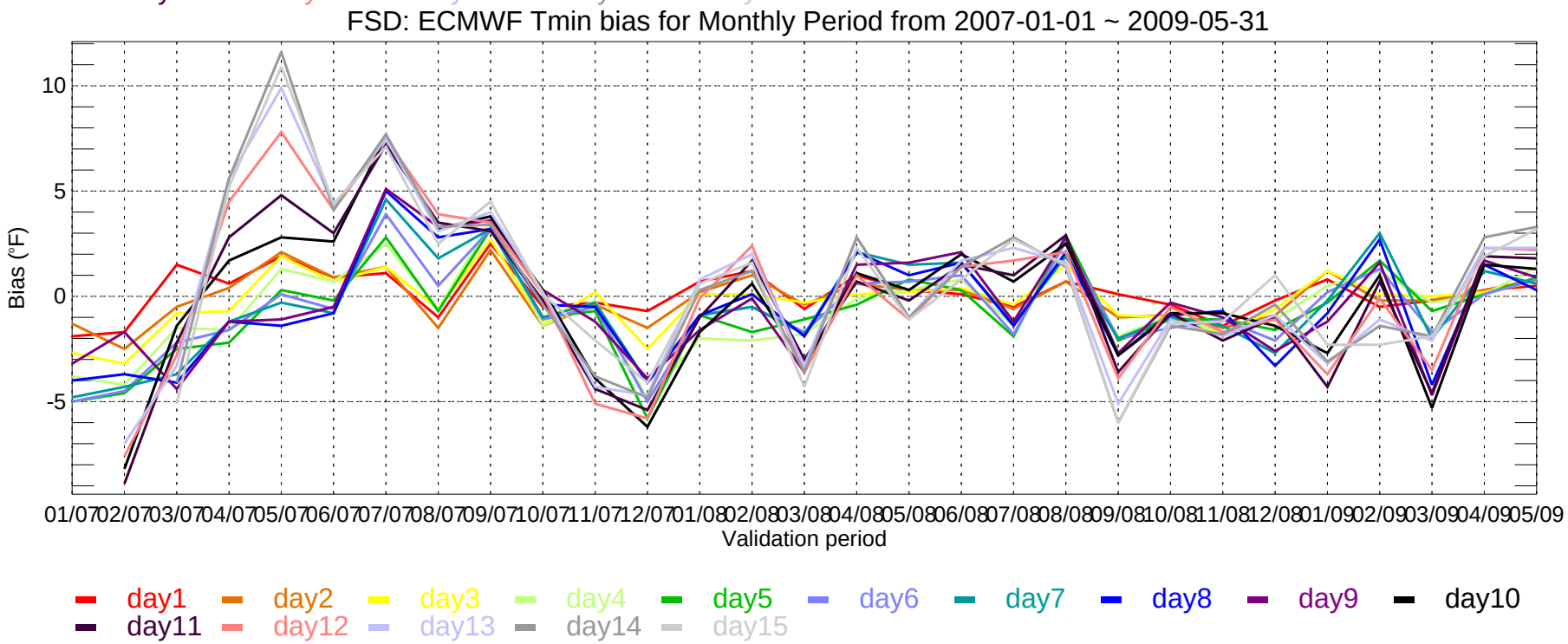
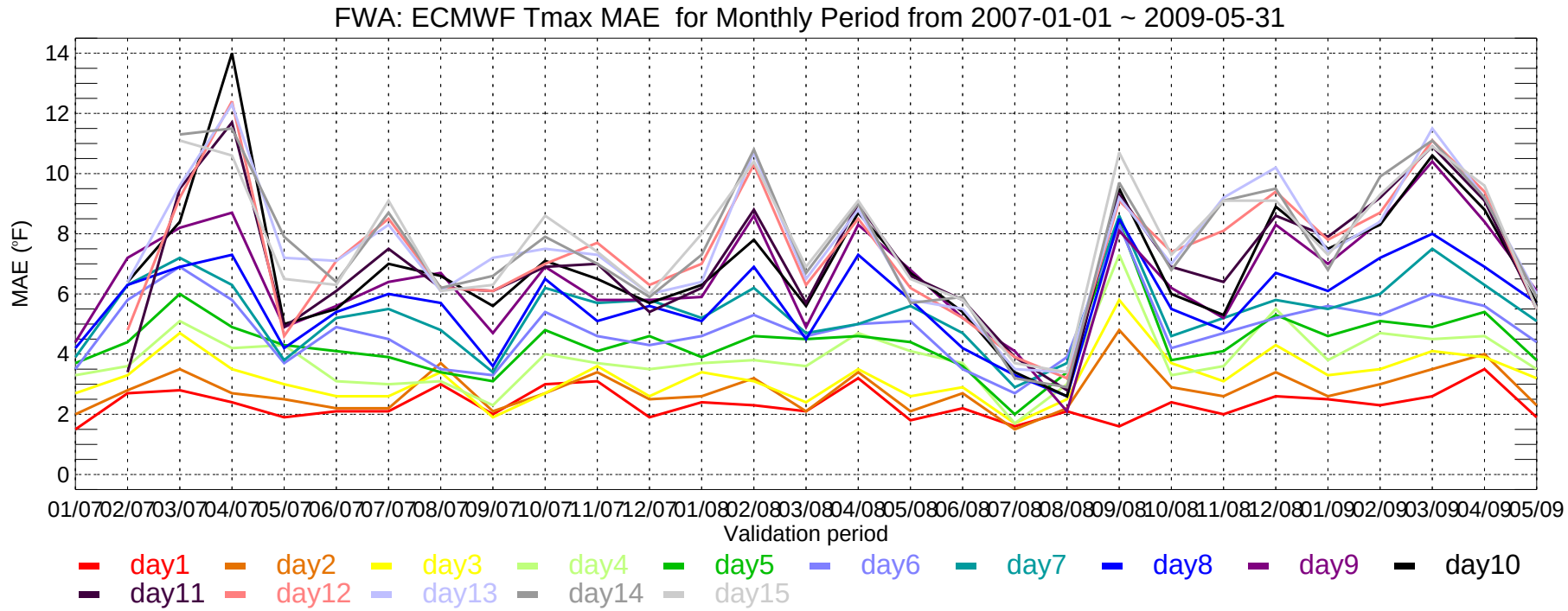

FMY: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

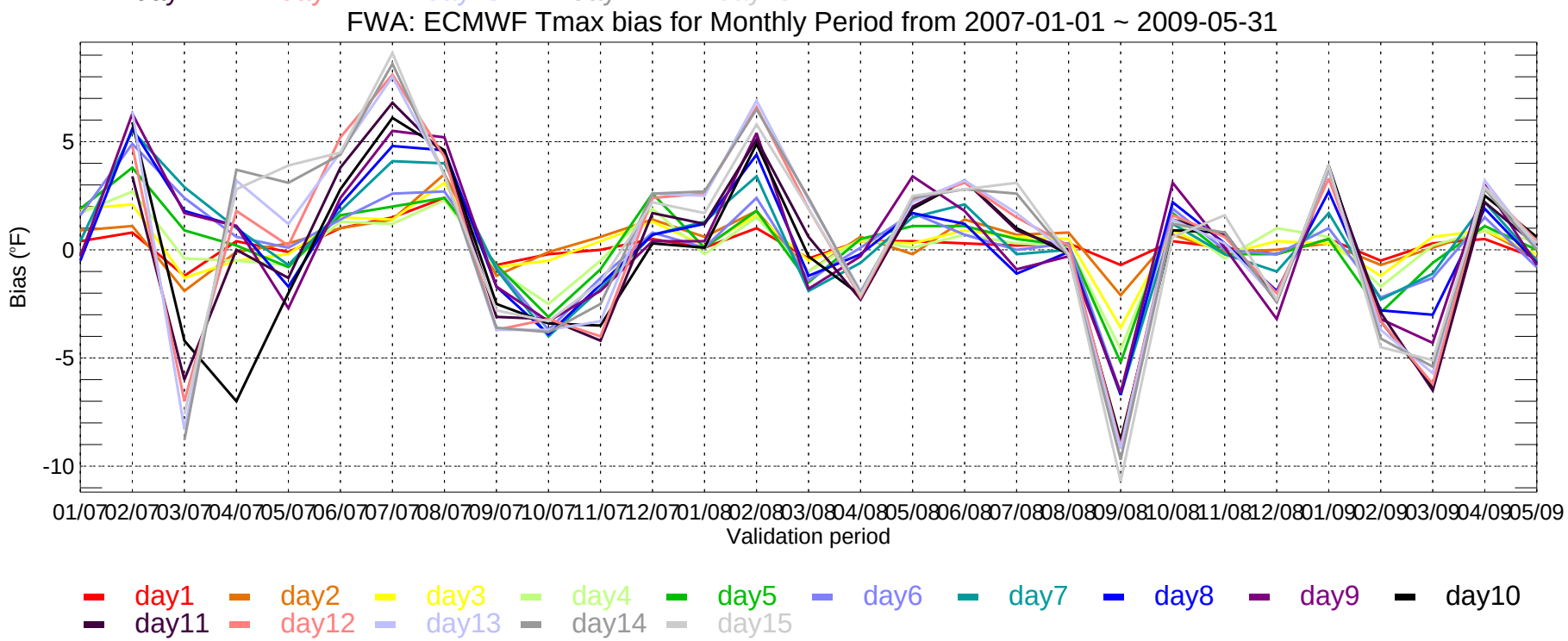

FSD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

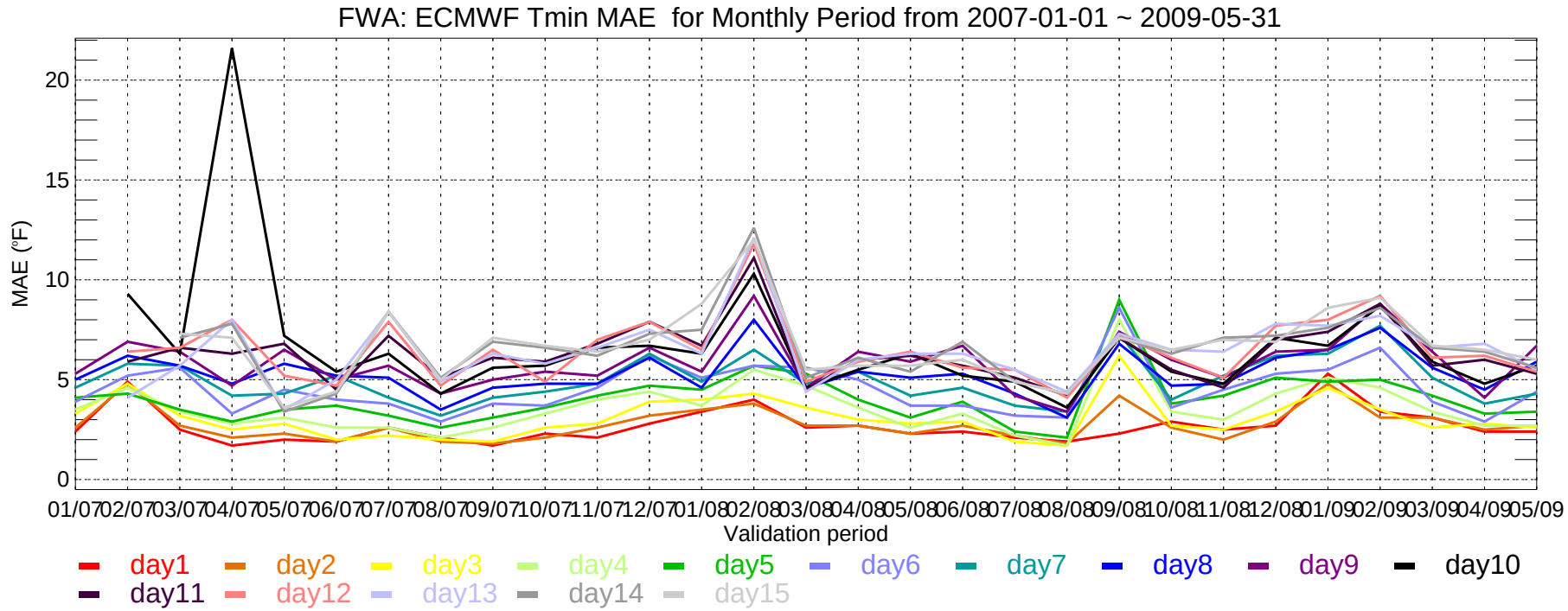

FSD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
15
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

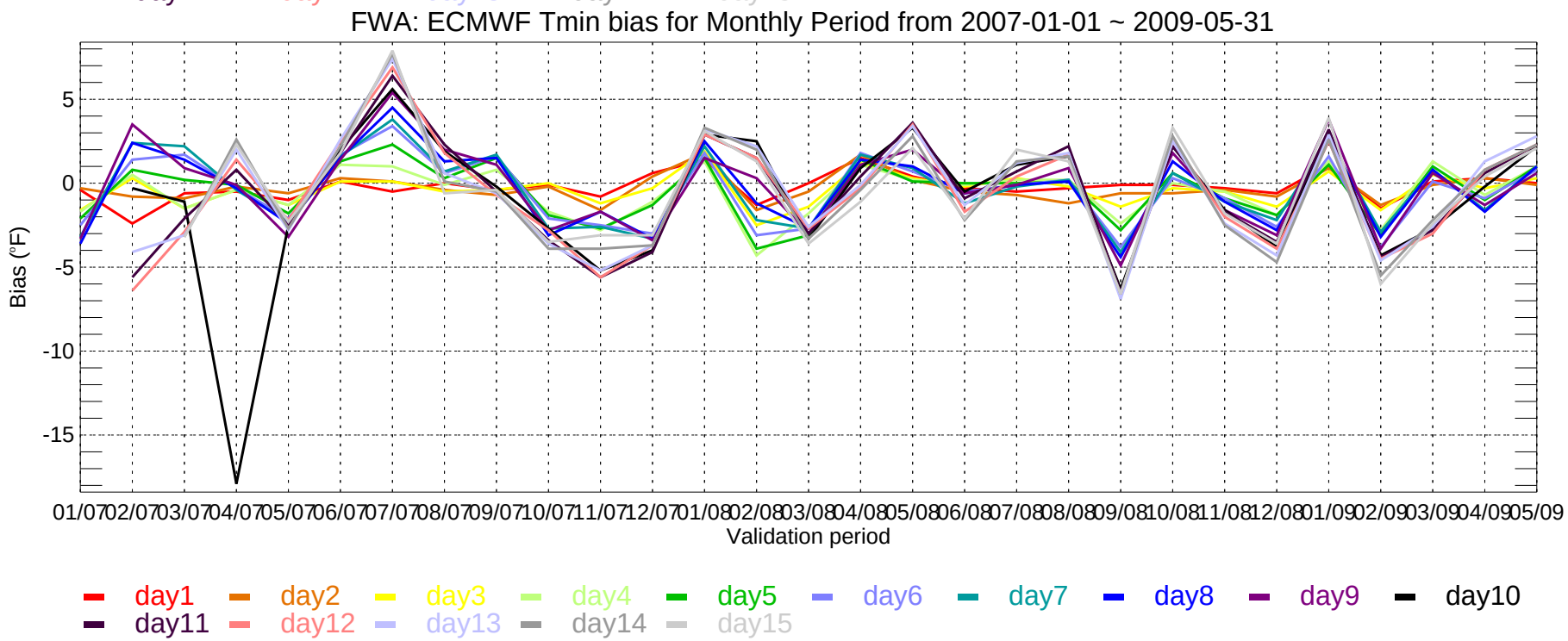

FSD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

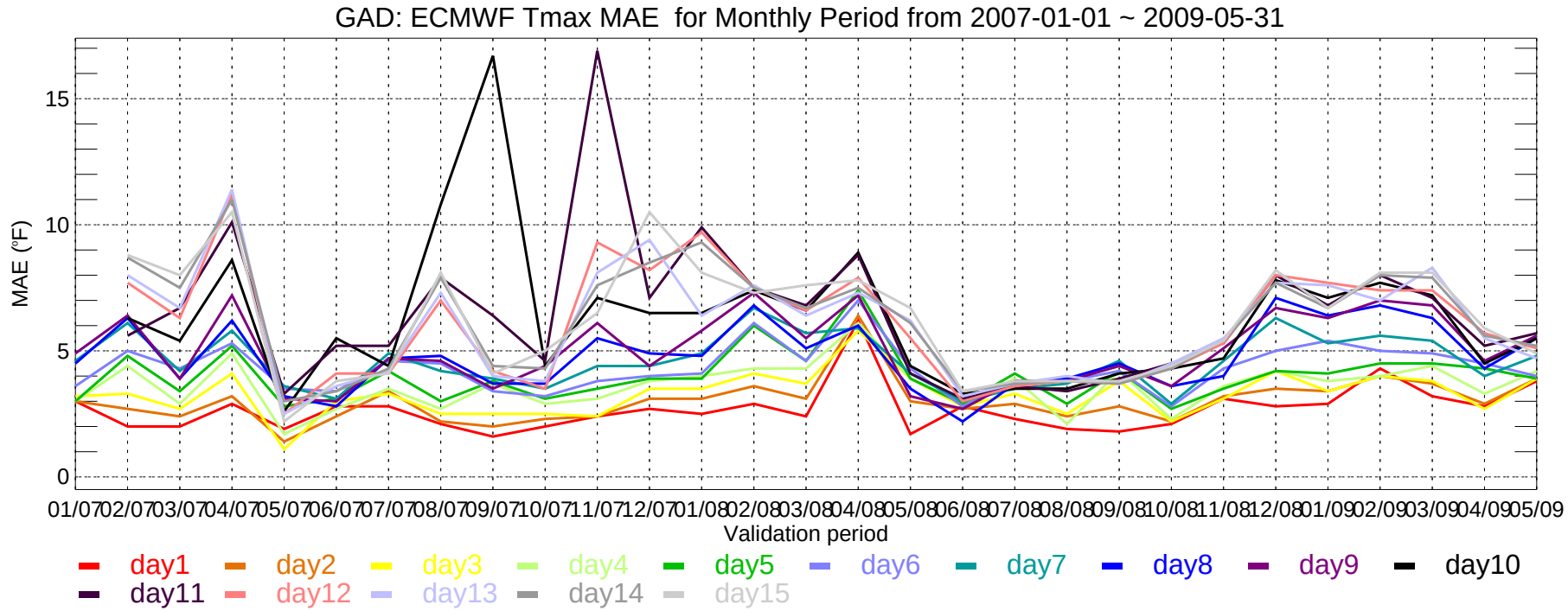

FSD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

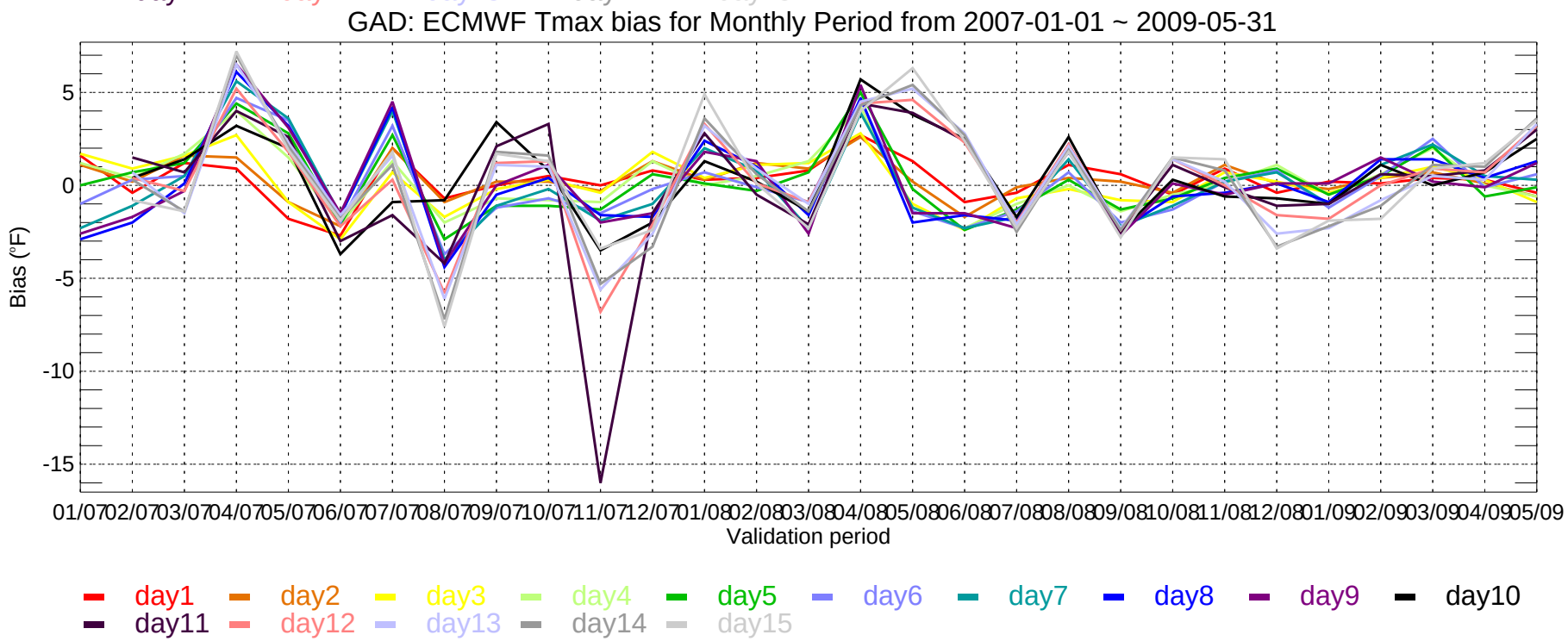

FWA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

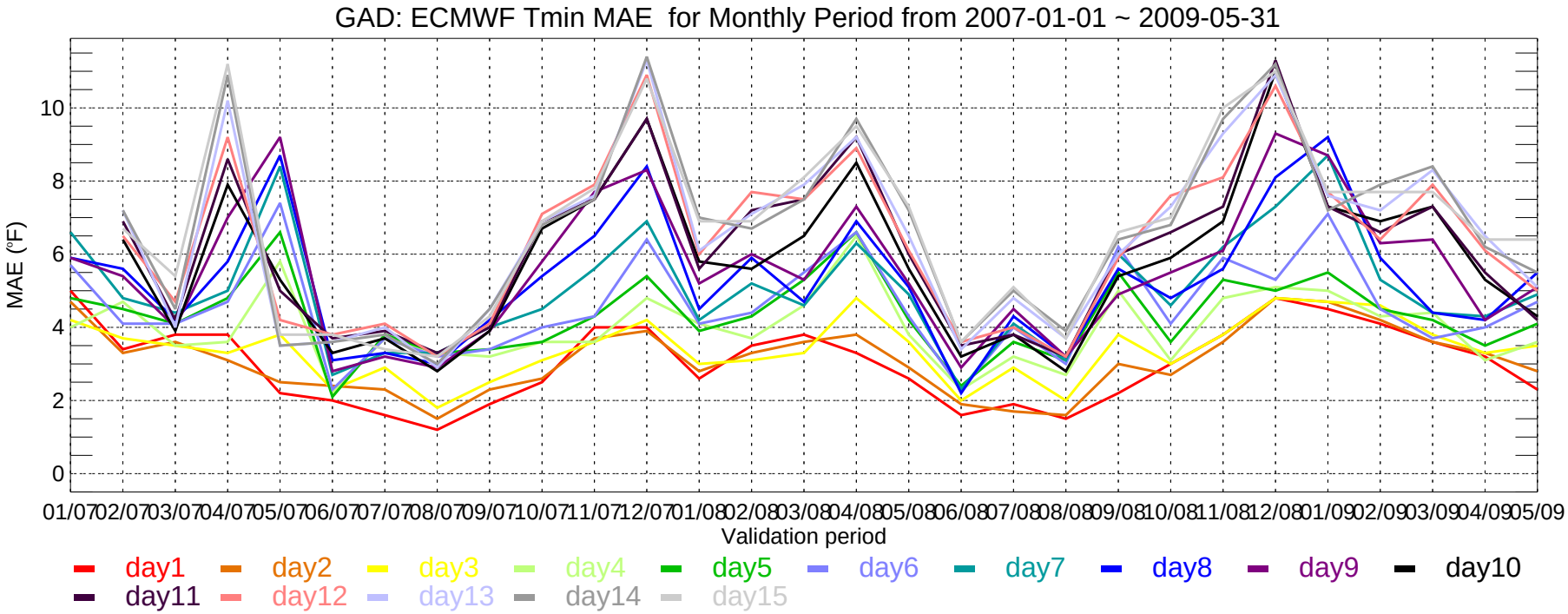

FWA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

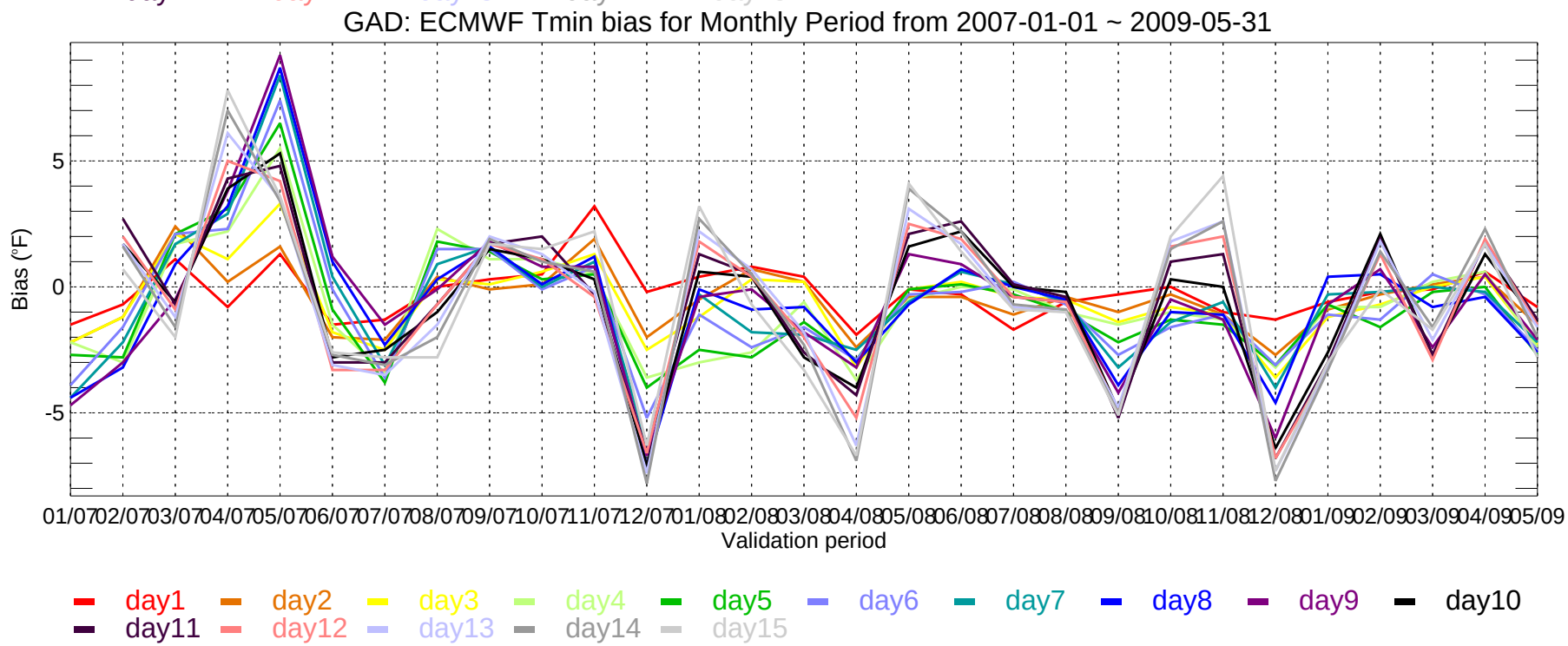

FWA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

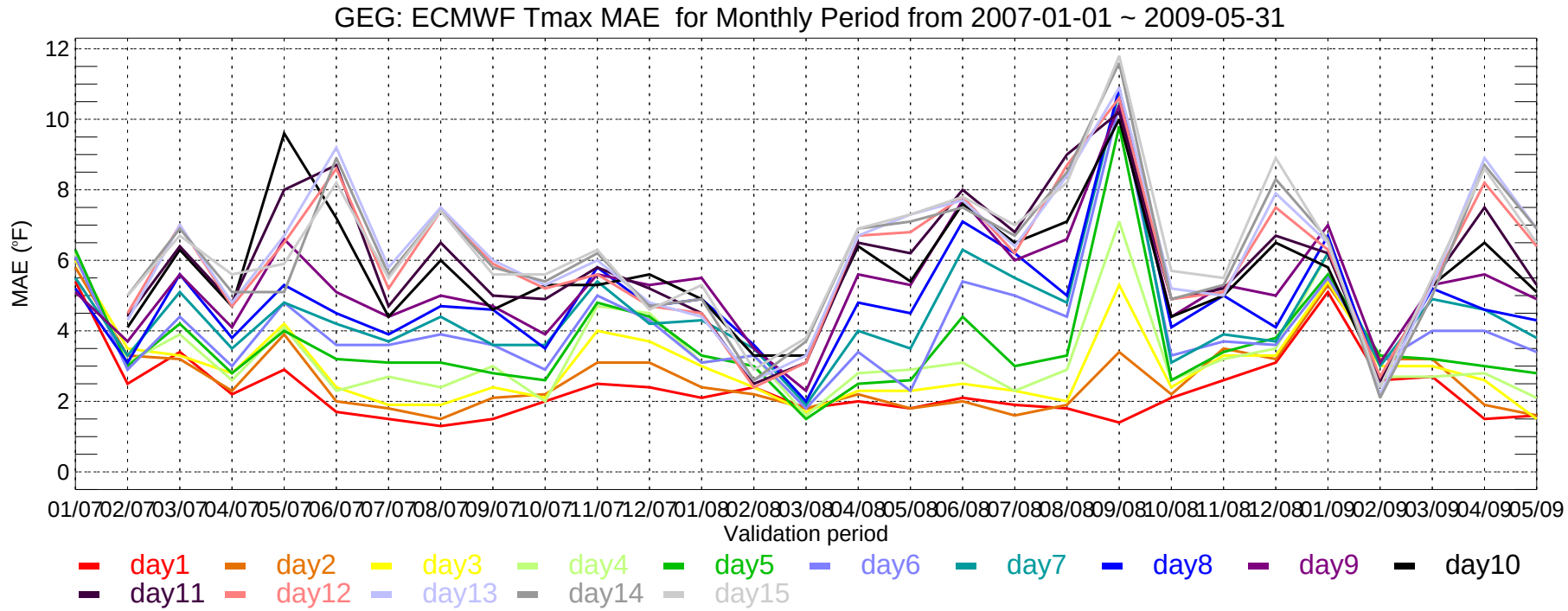

FWA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

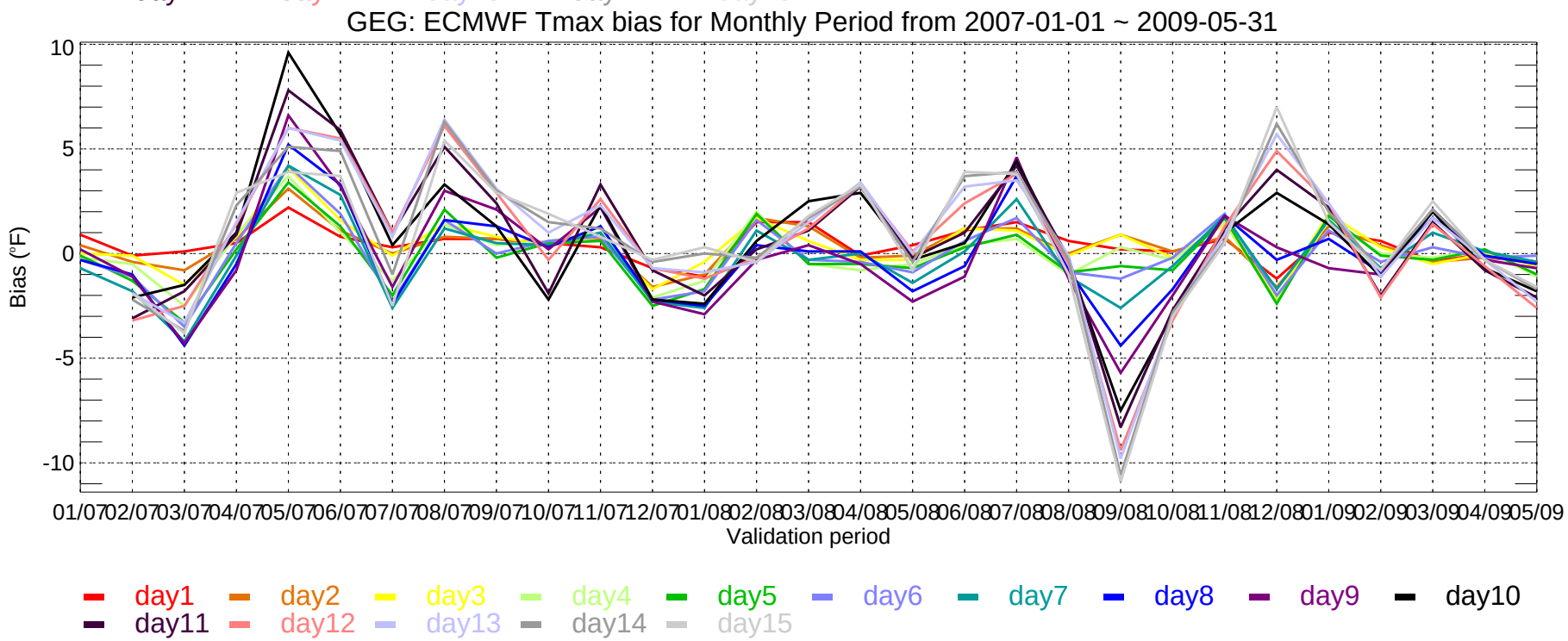

GAD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

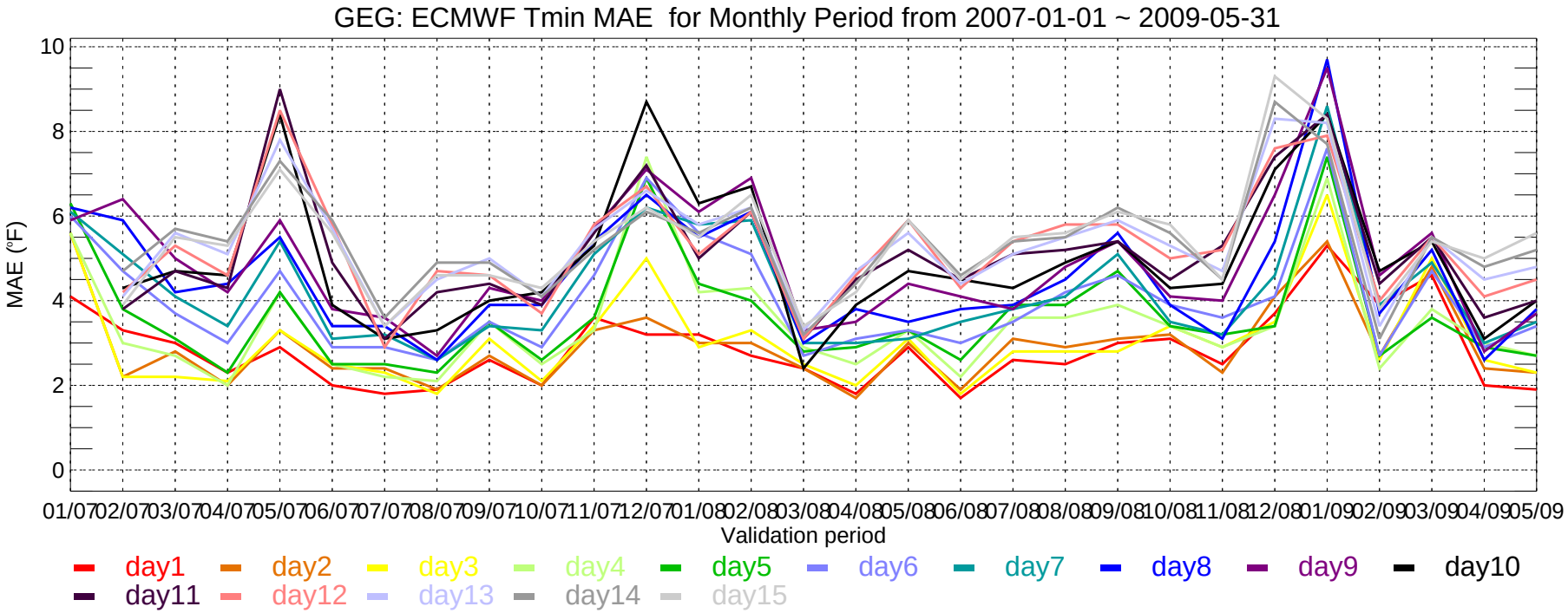

GAD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

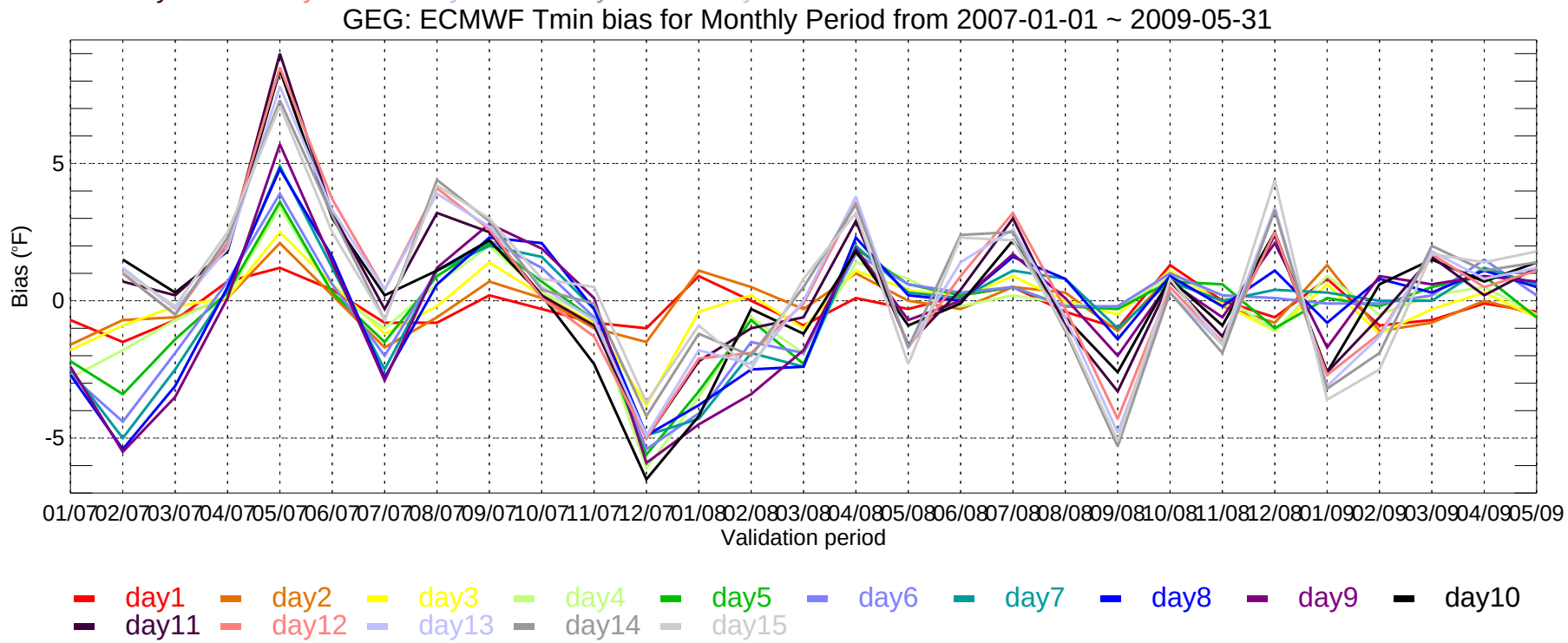

GAD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

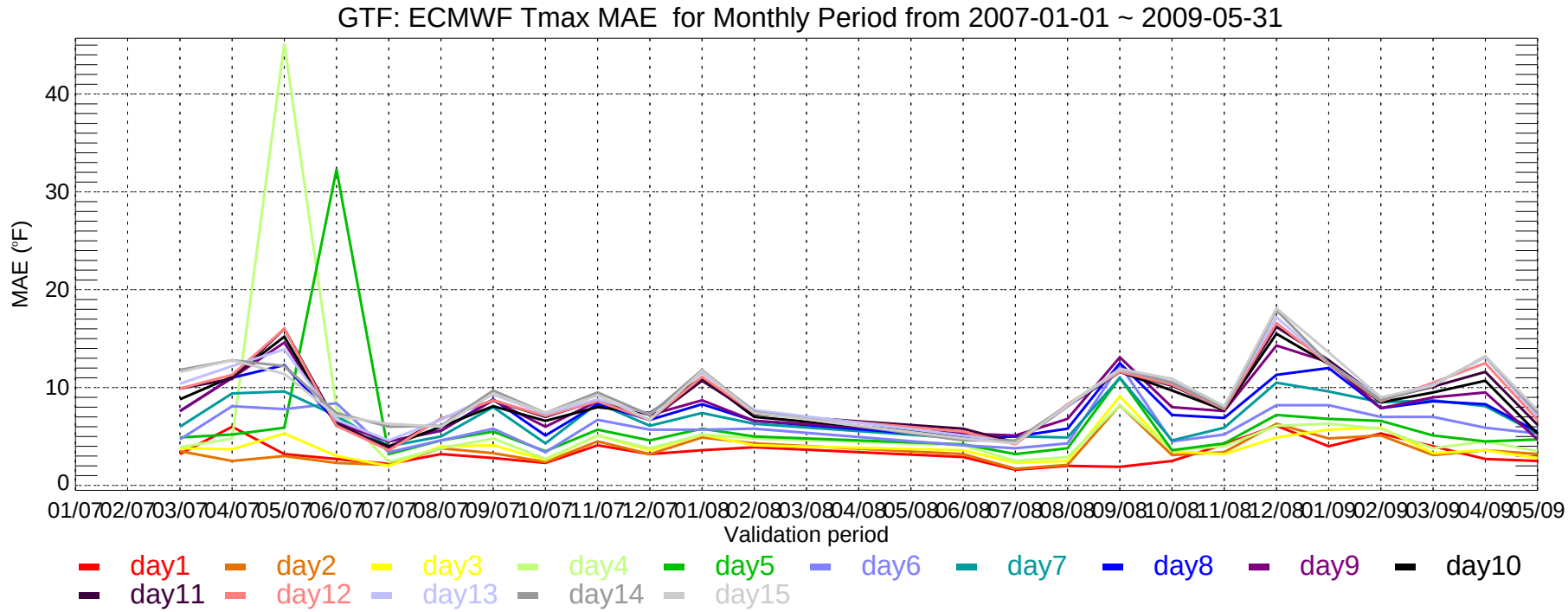

GAD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

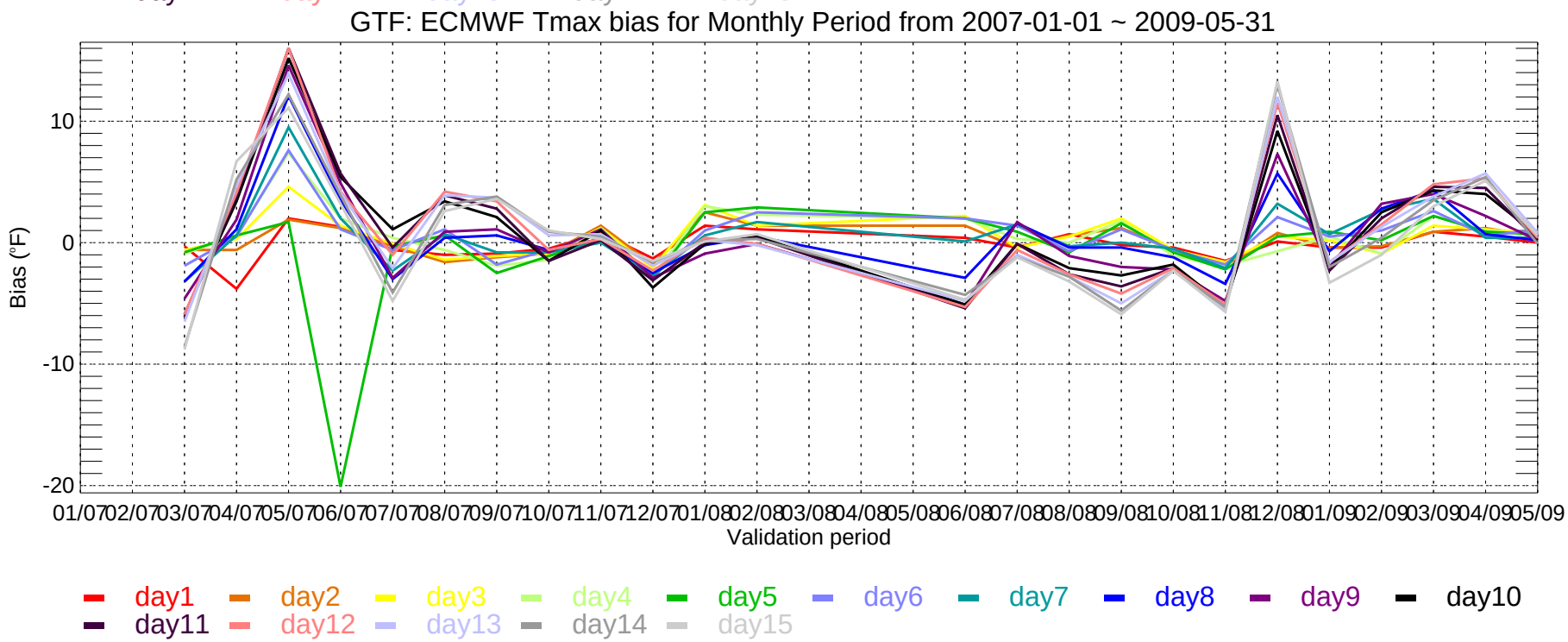

GEG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

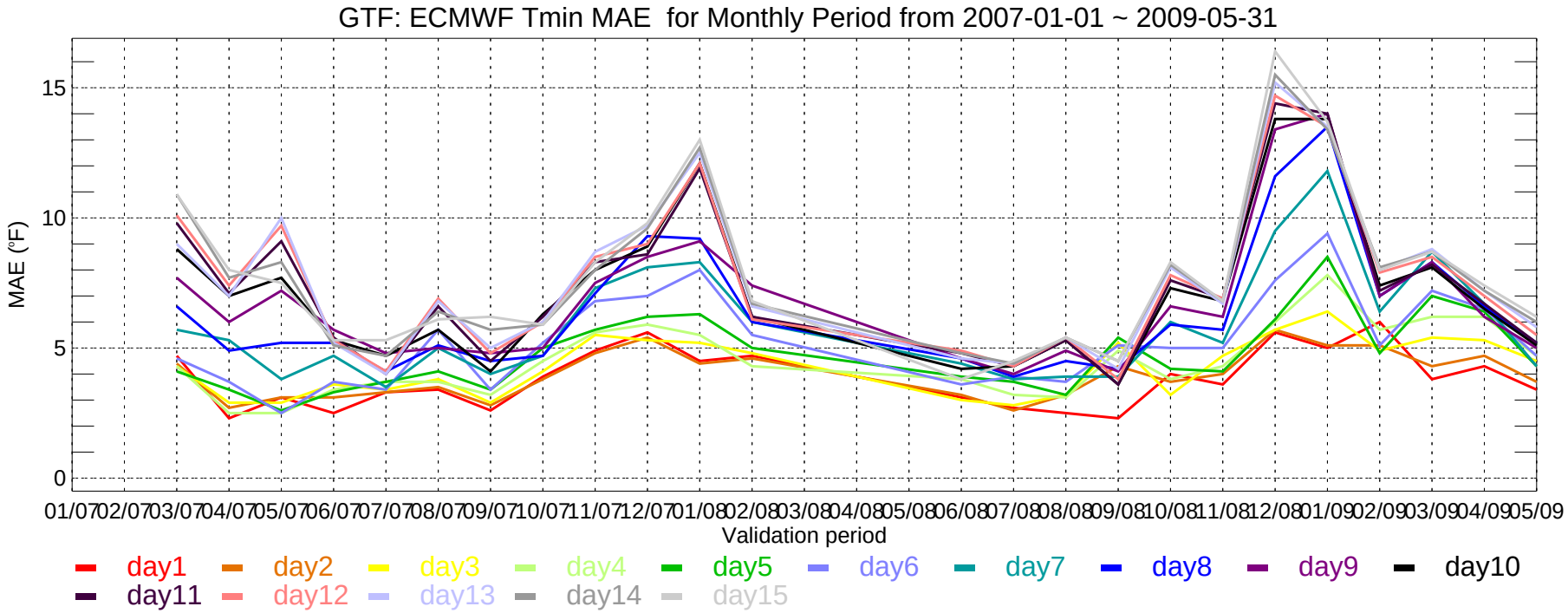

GEG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

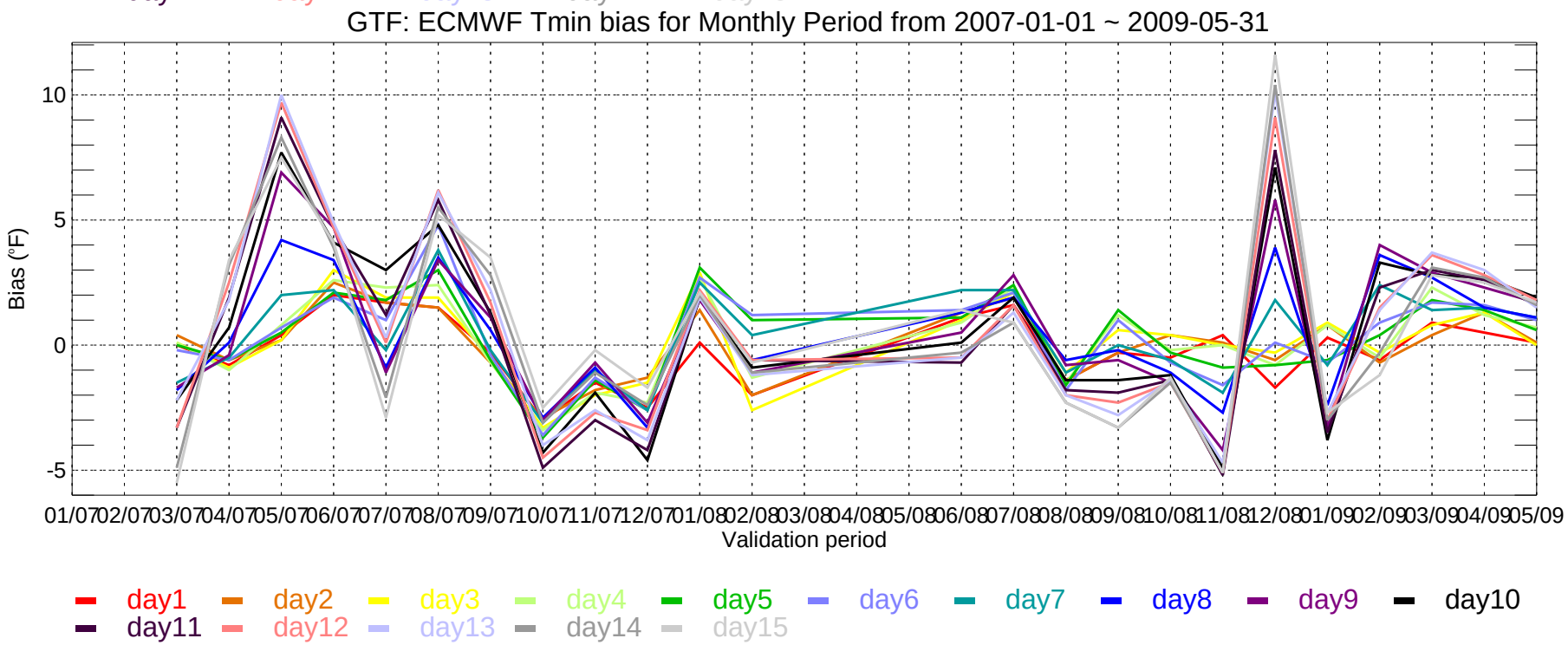

GEG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

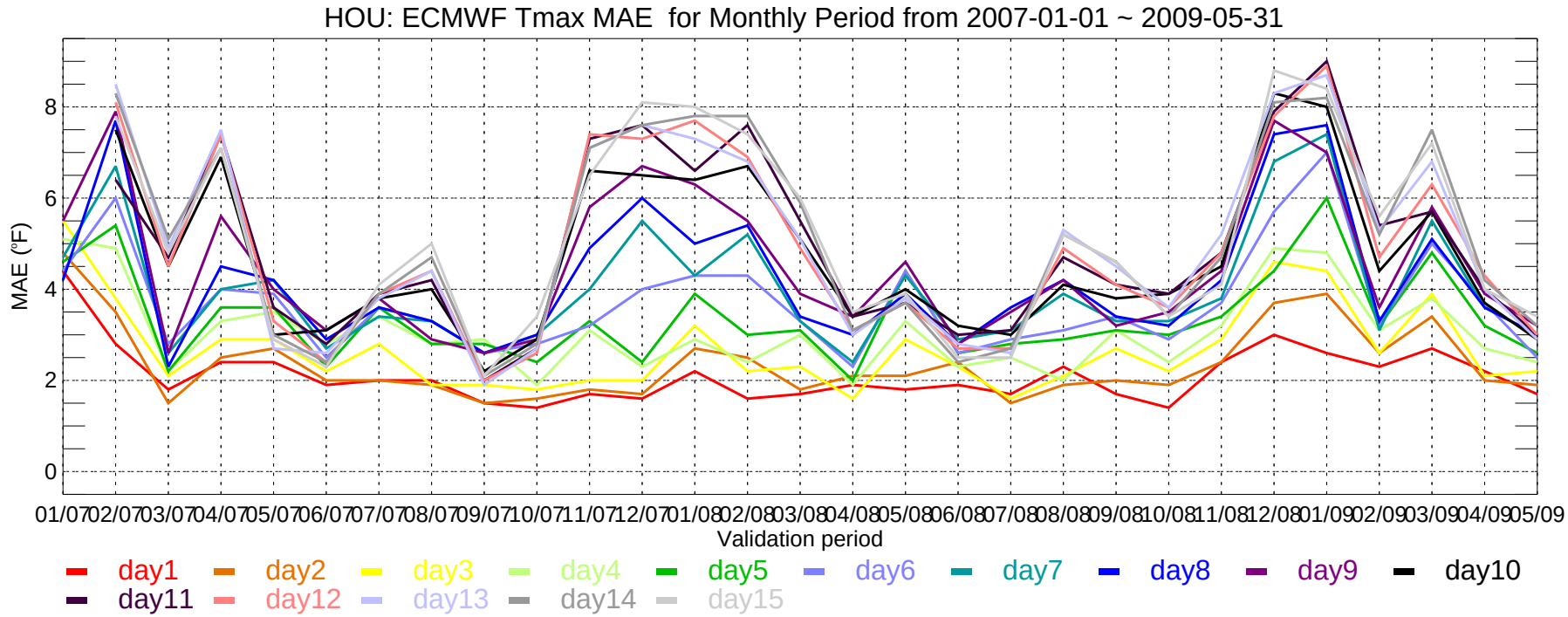

GEG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

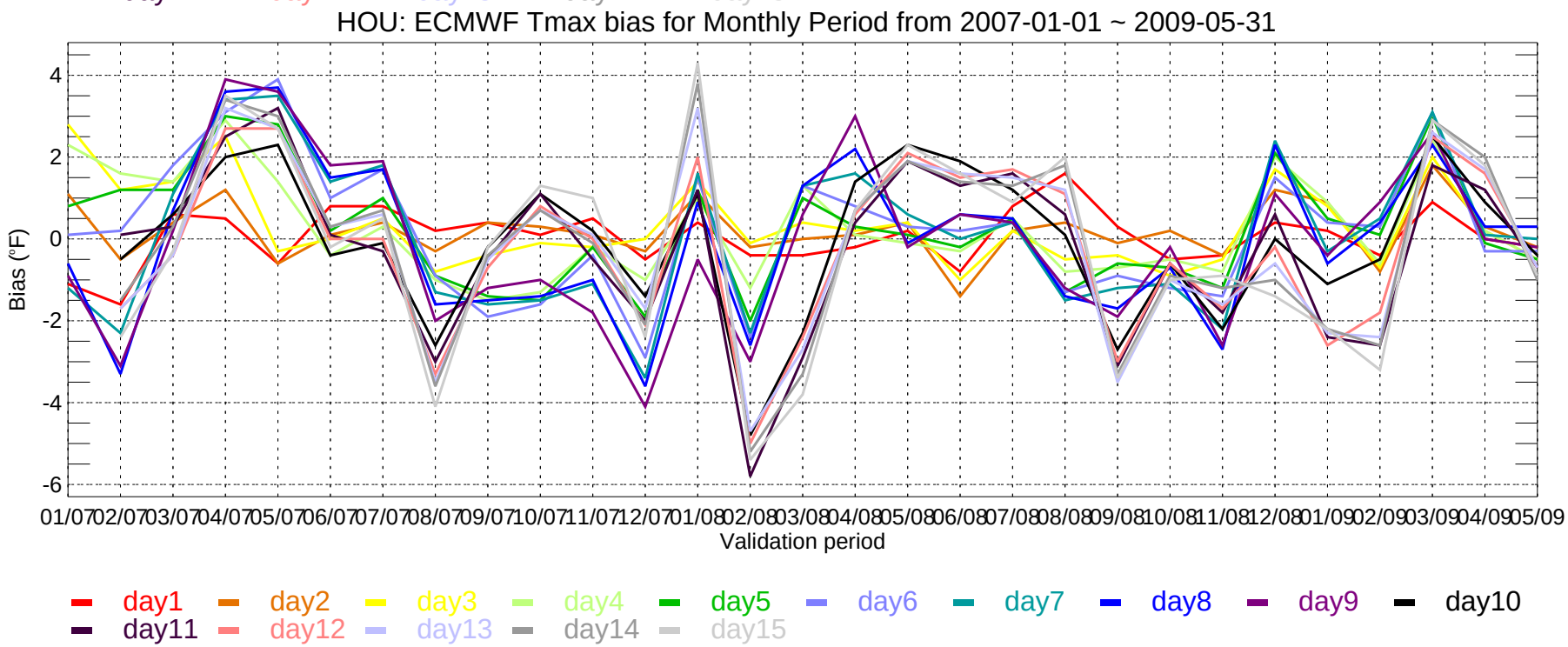

GTF: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
10
20
30
40
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

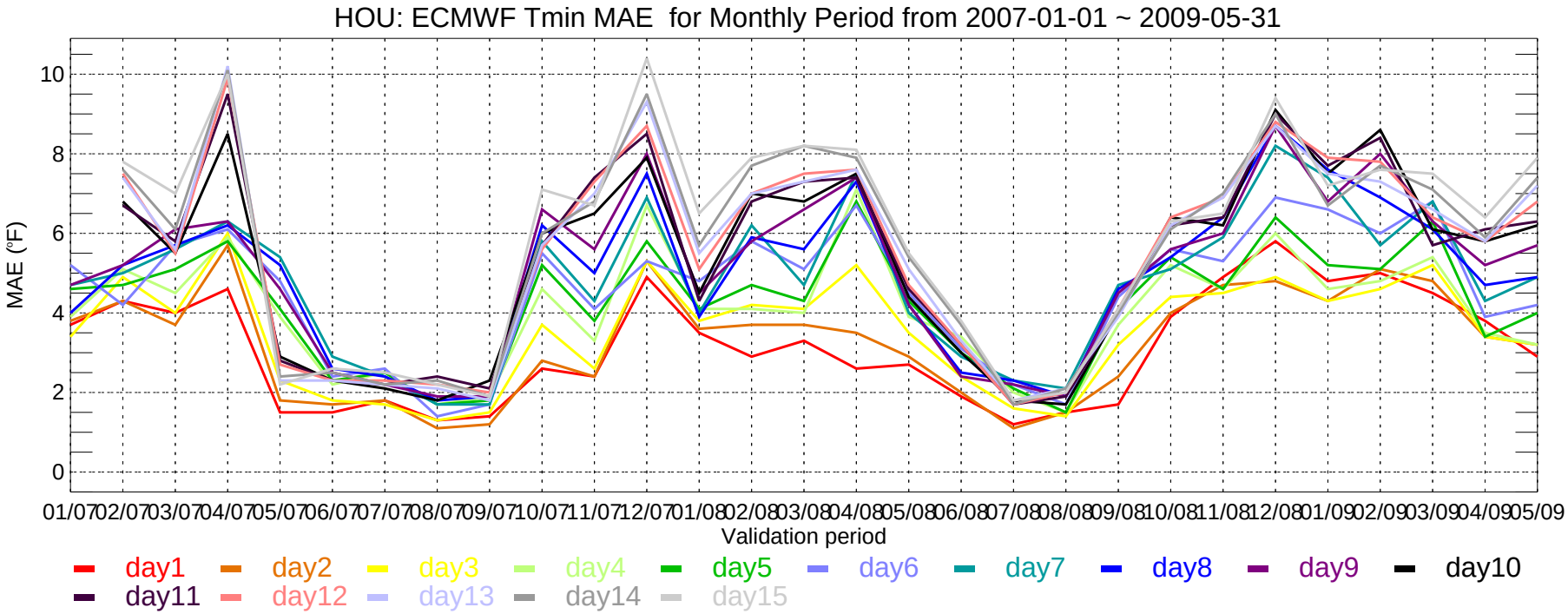

GTF: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
0
-10
-20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

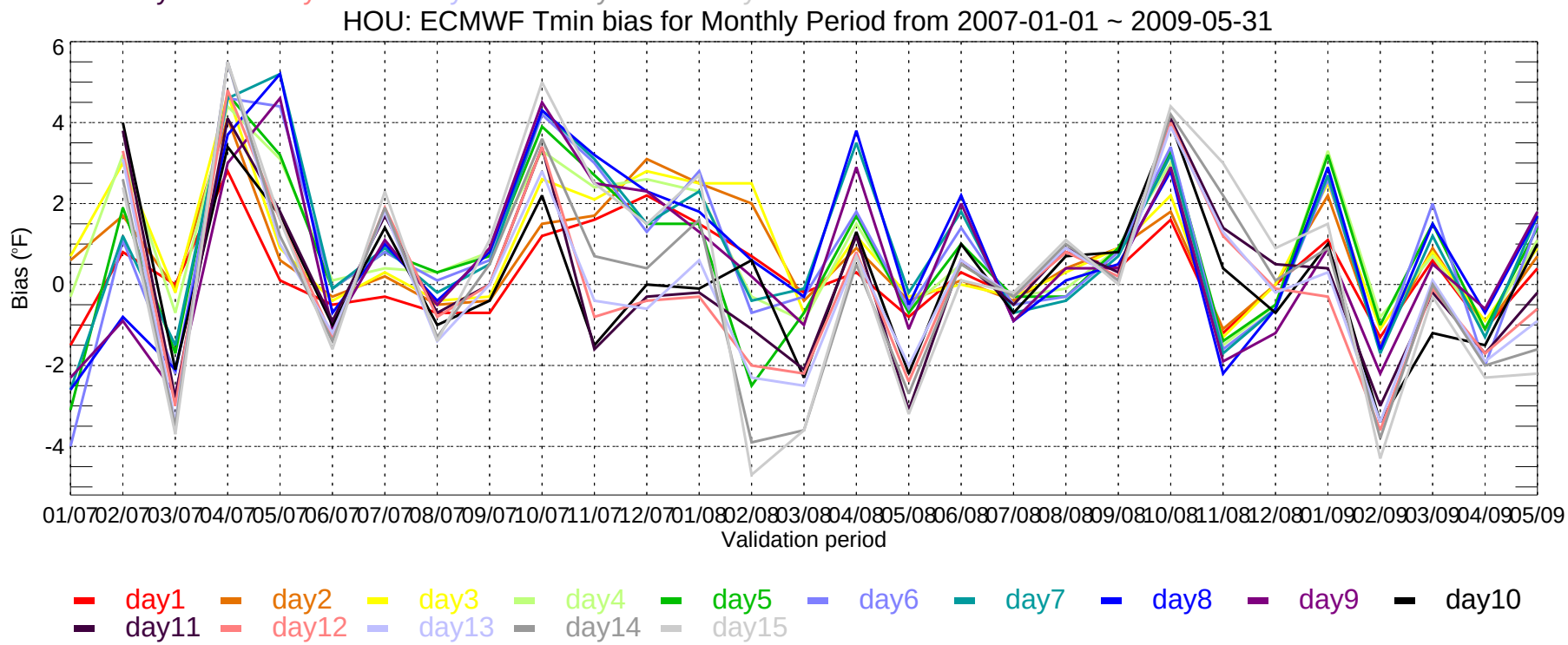

GTF: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

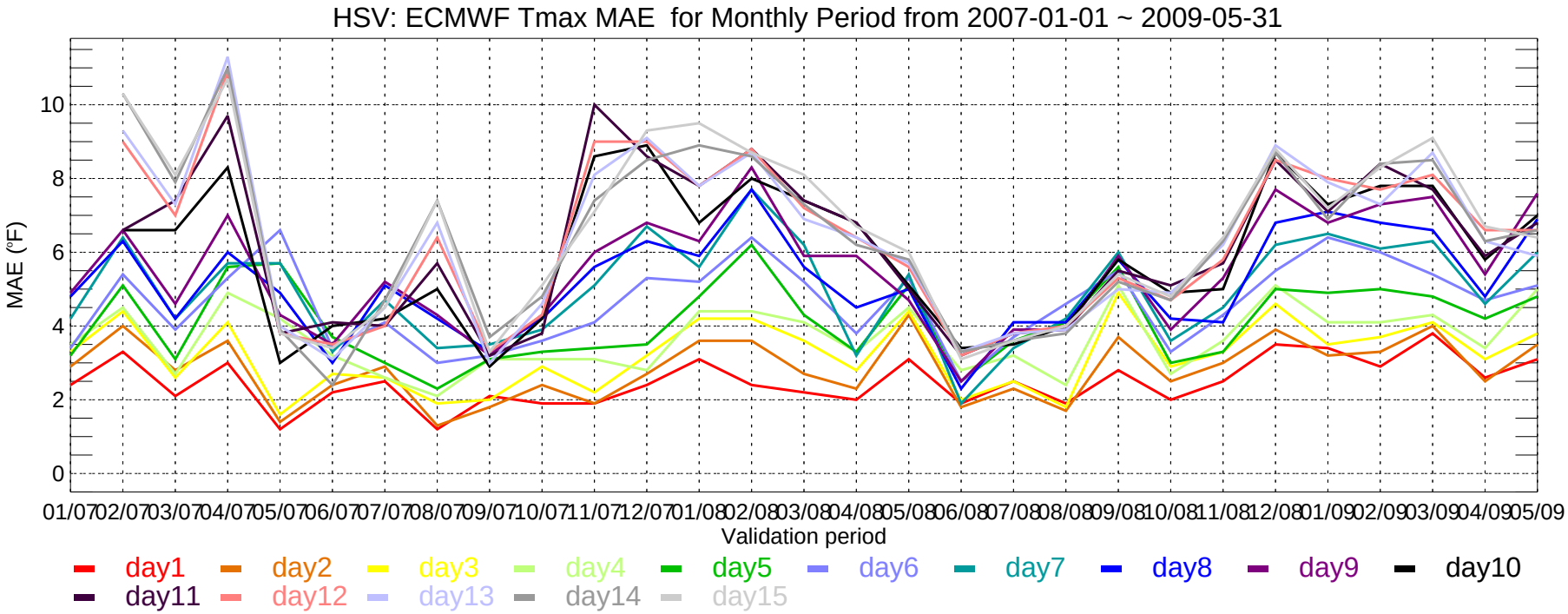

GTF: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

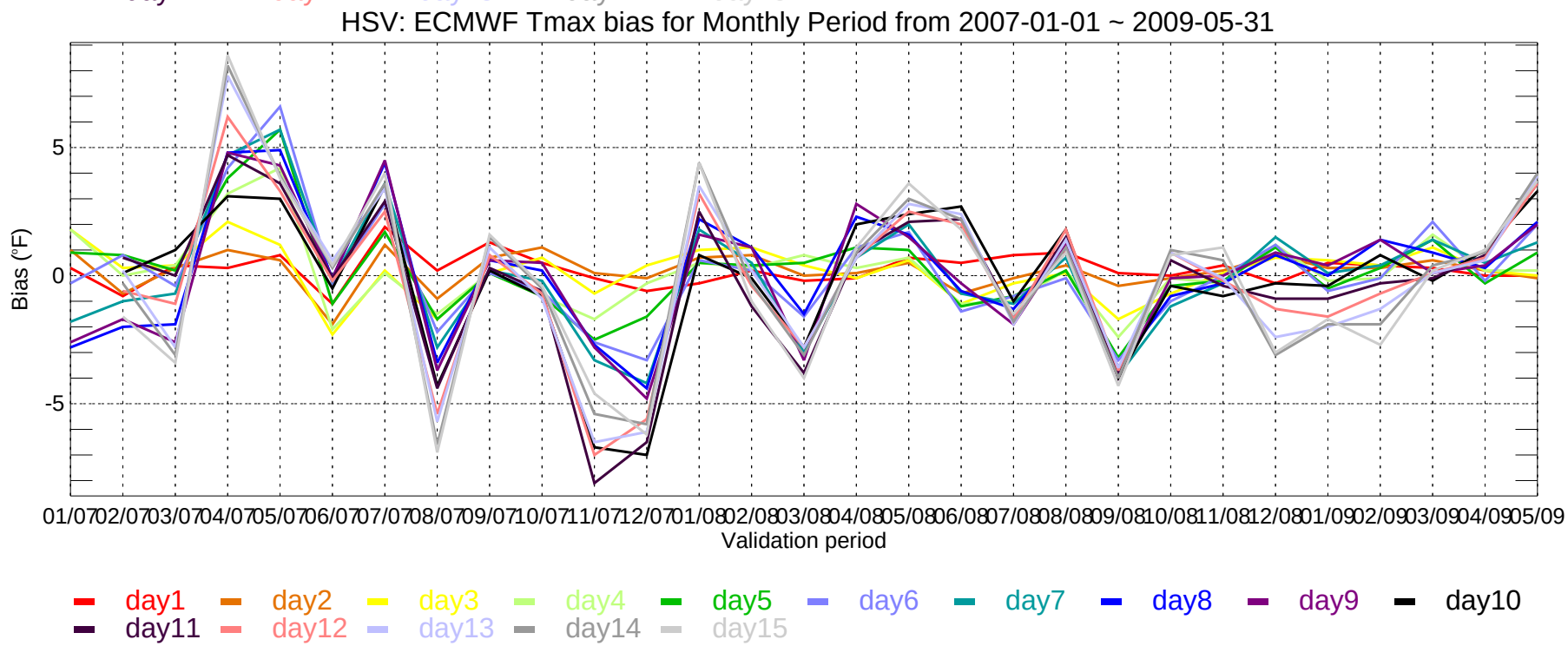

HOU: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

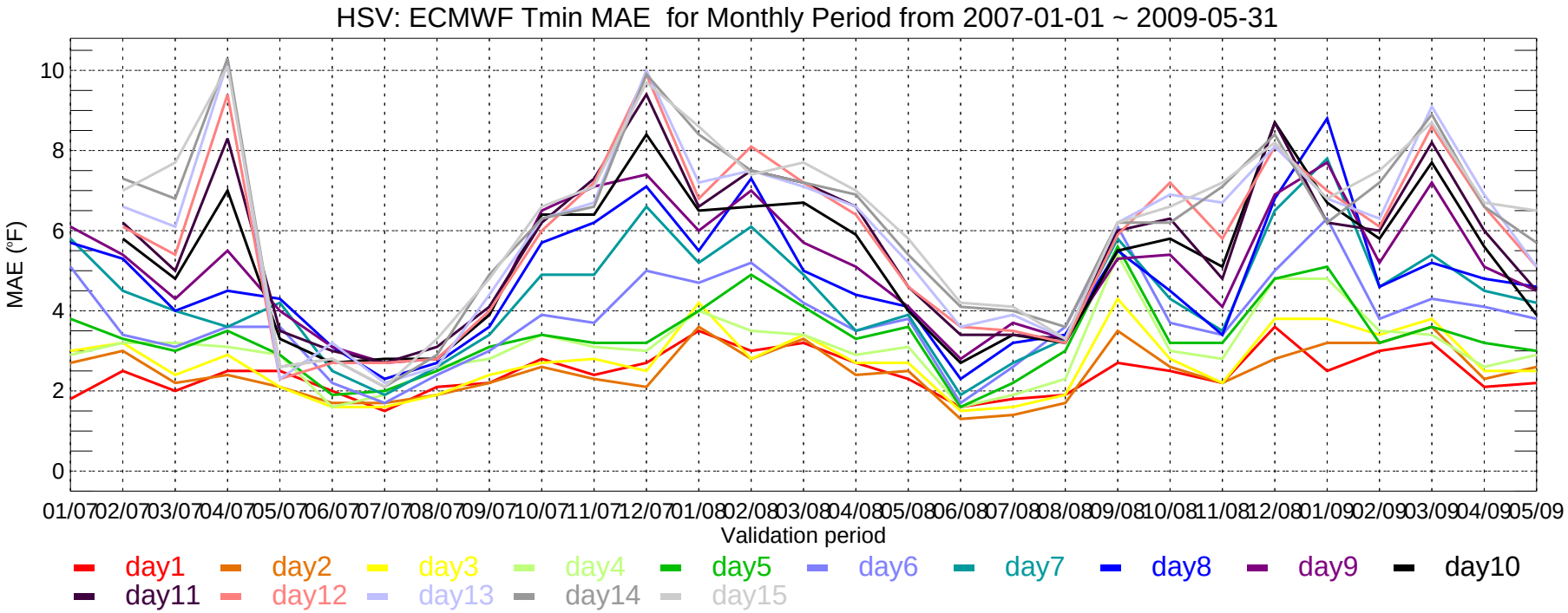

HOU: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

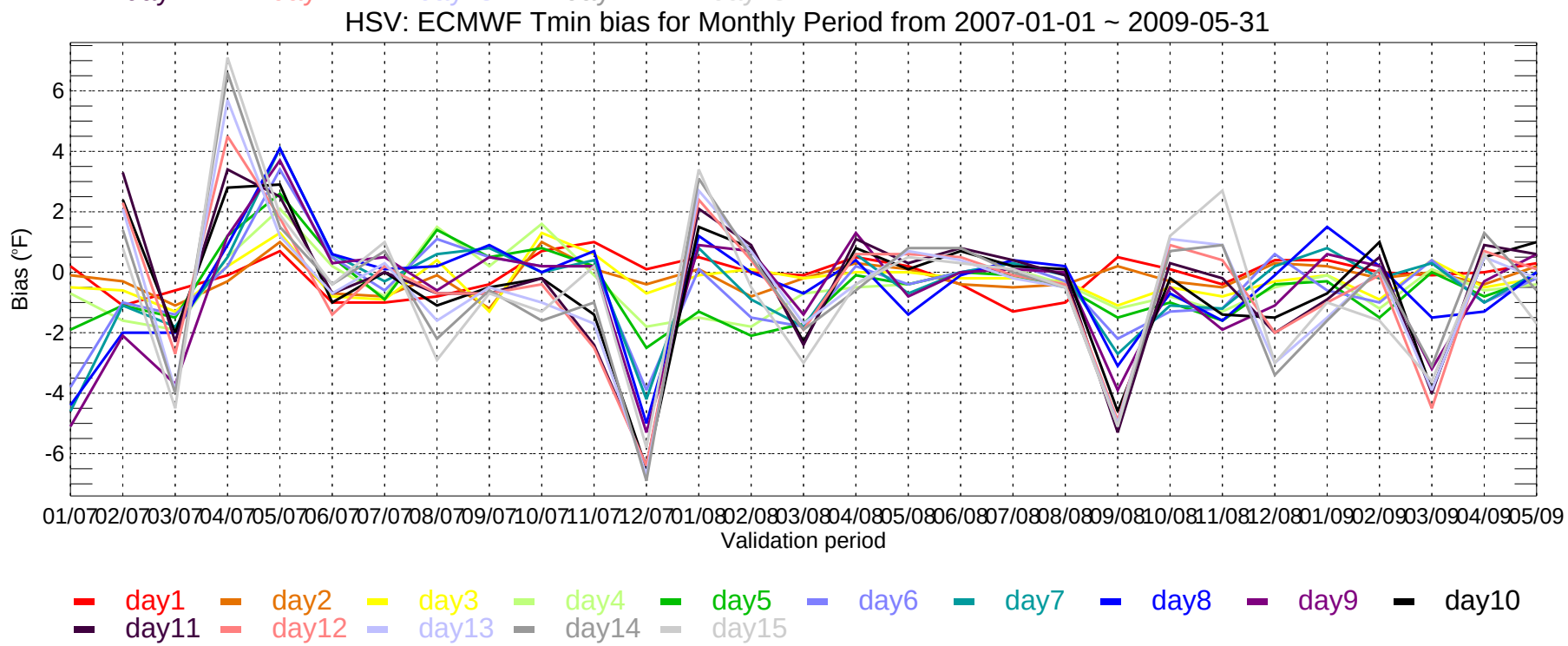

HOU: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

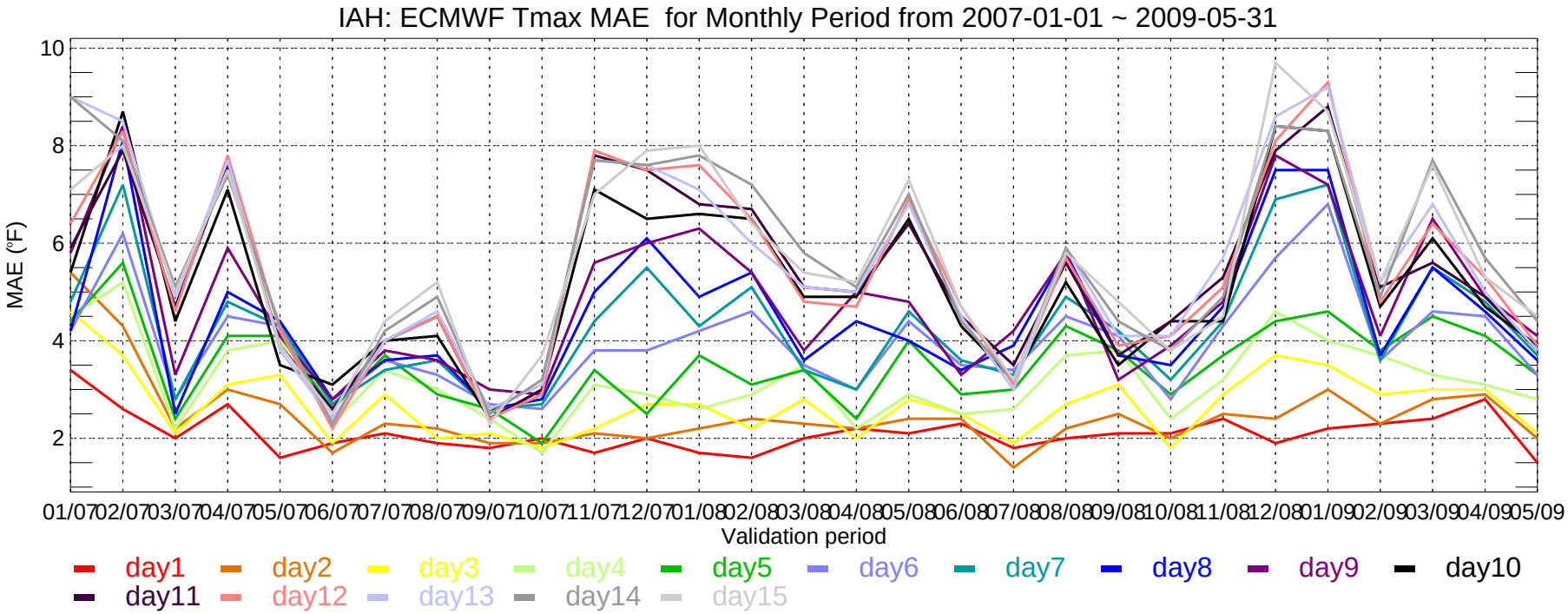

HOU: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

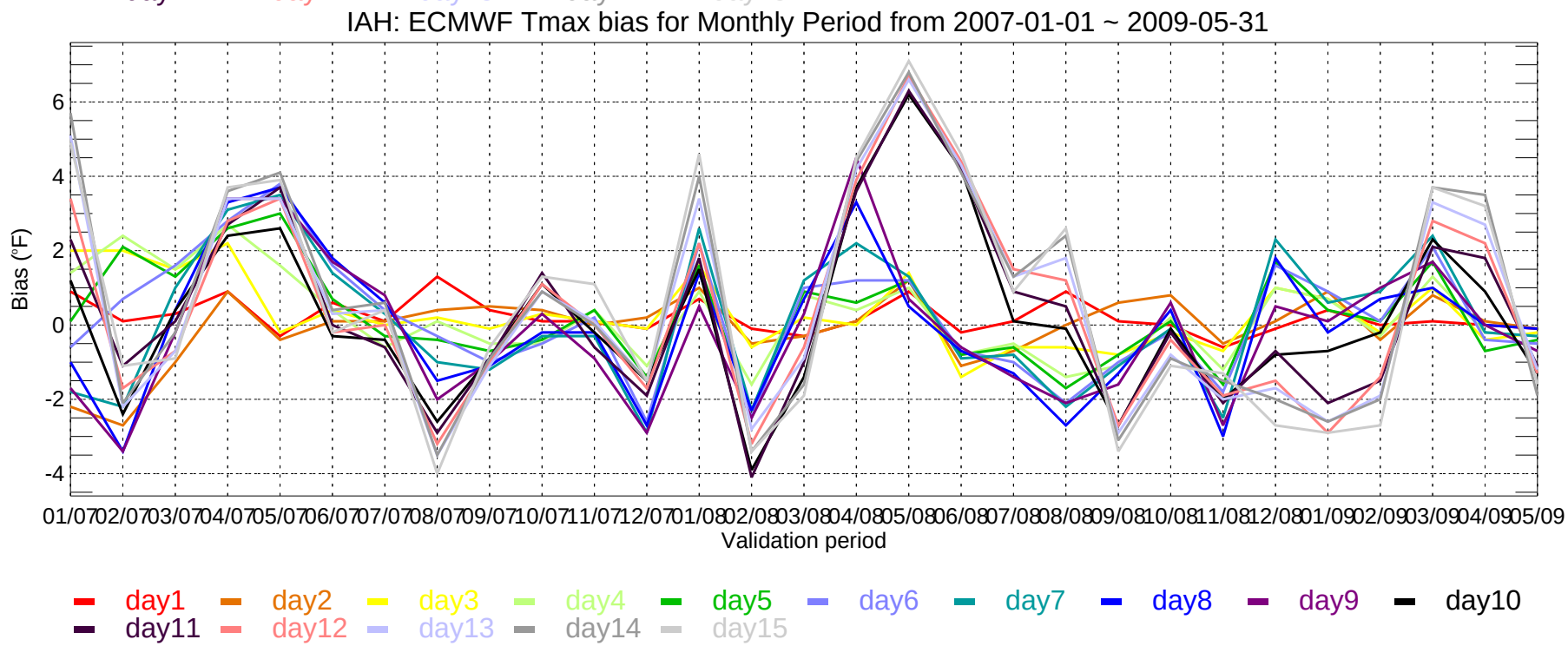

HSV: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

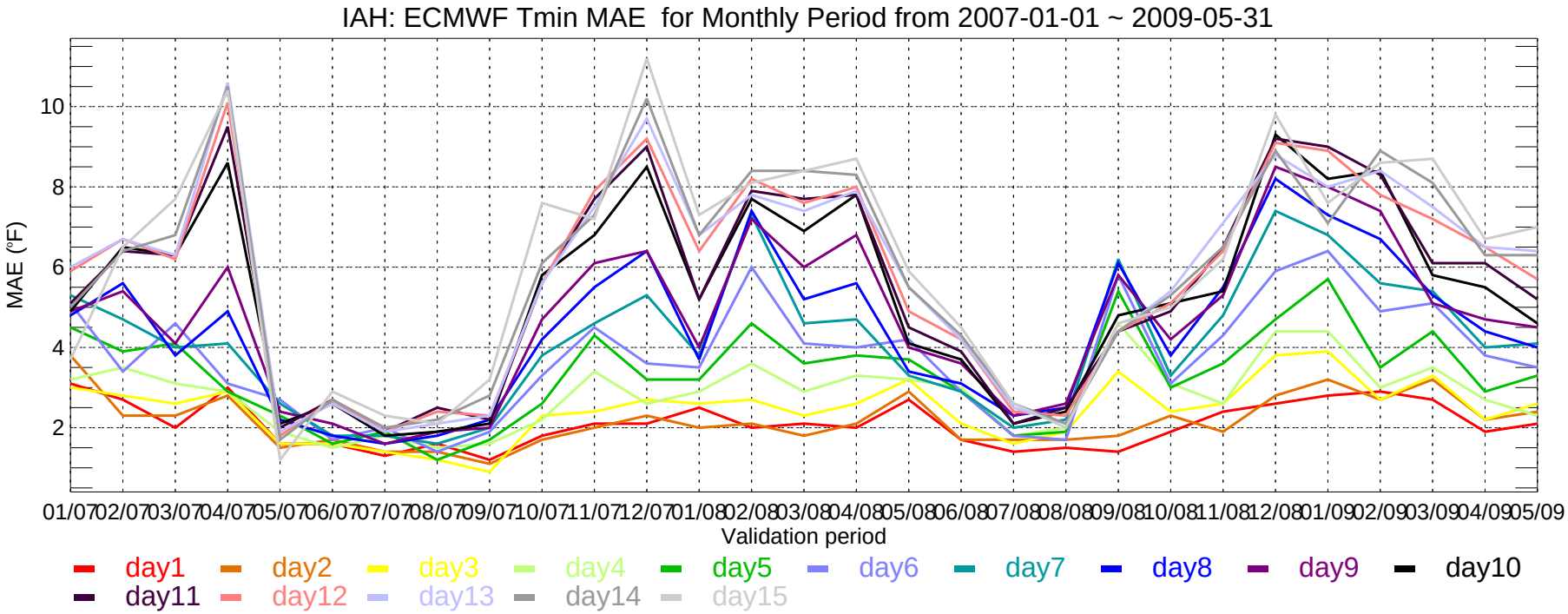

HSV: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

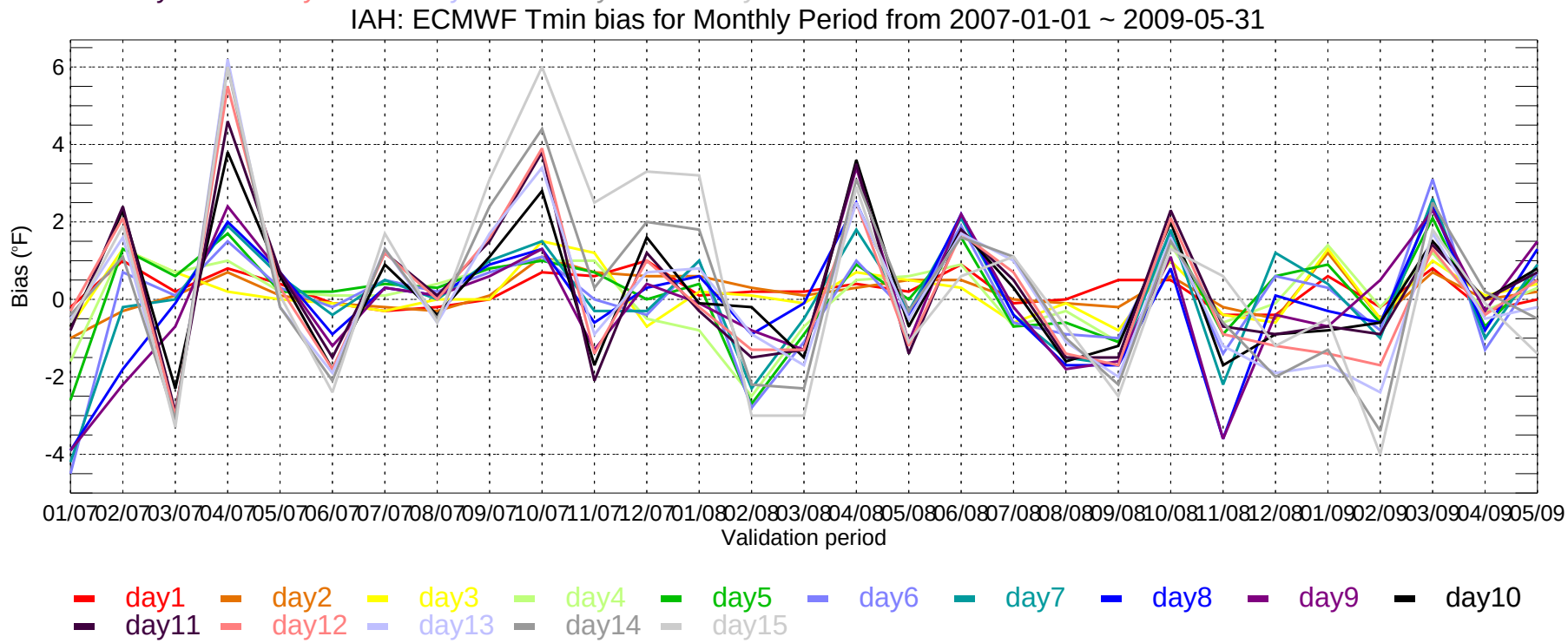

HSV: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

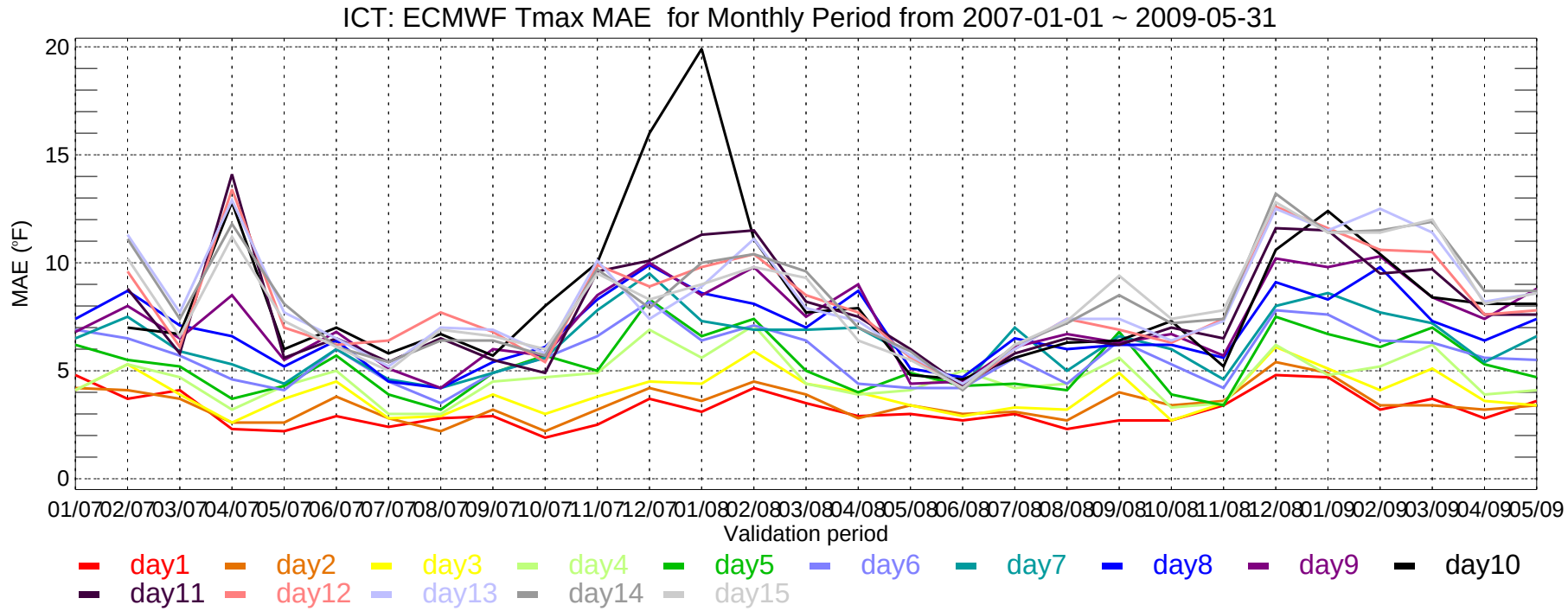

HSV: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

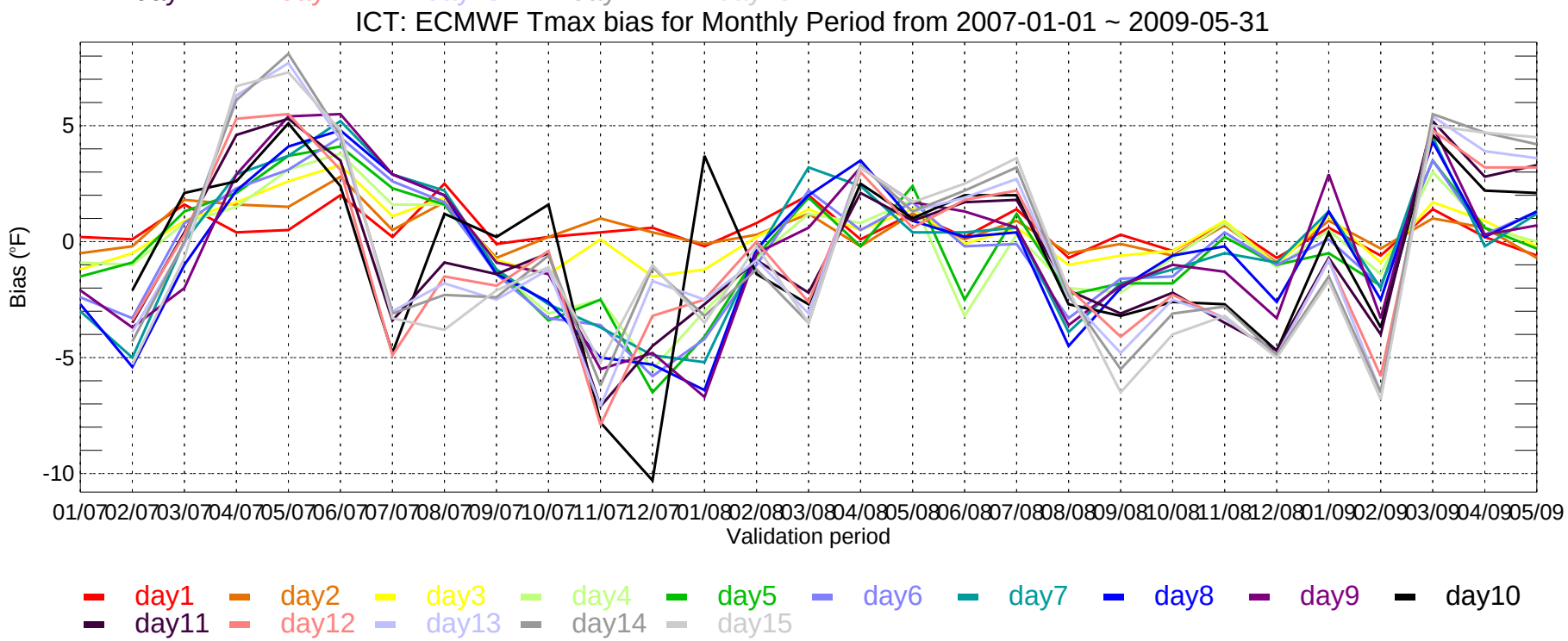

IAH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

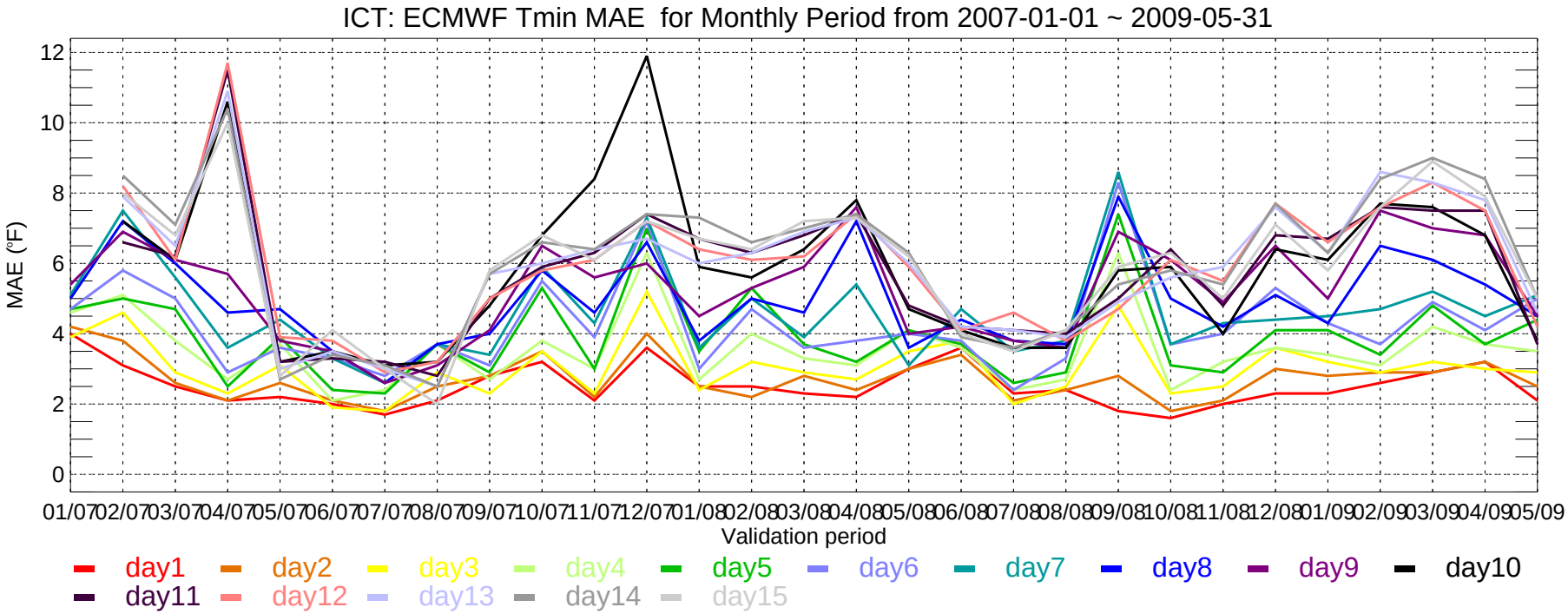

IAH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

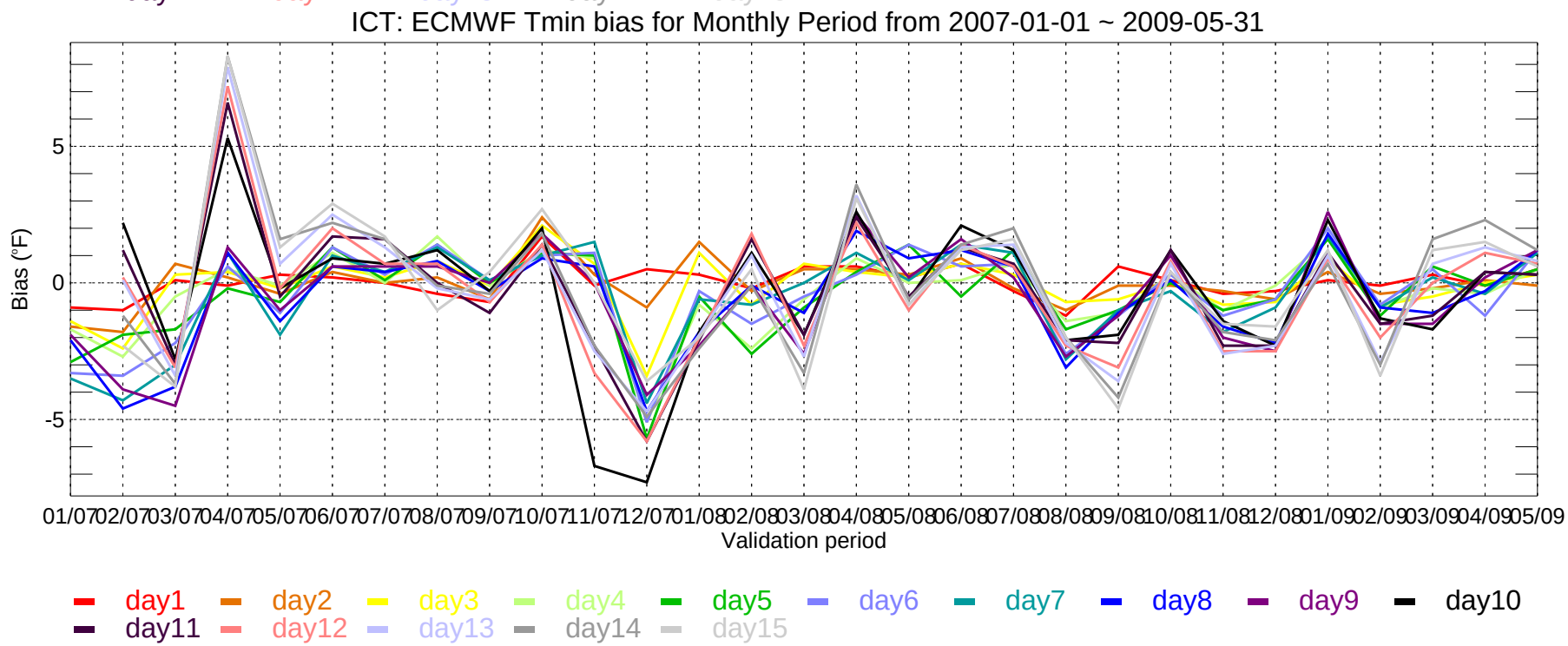

IAH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

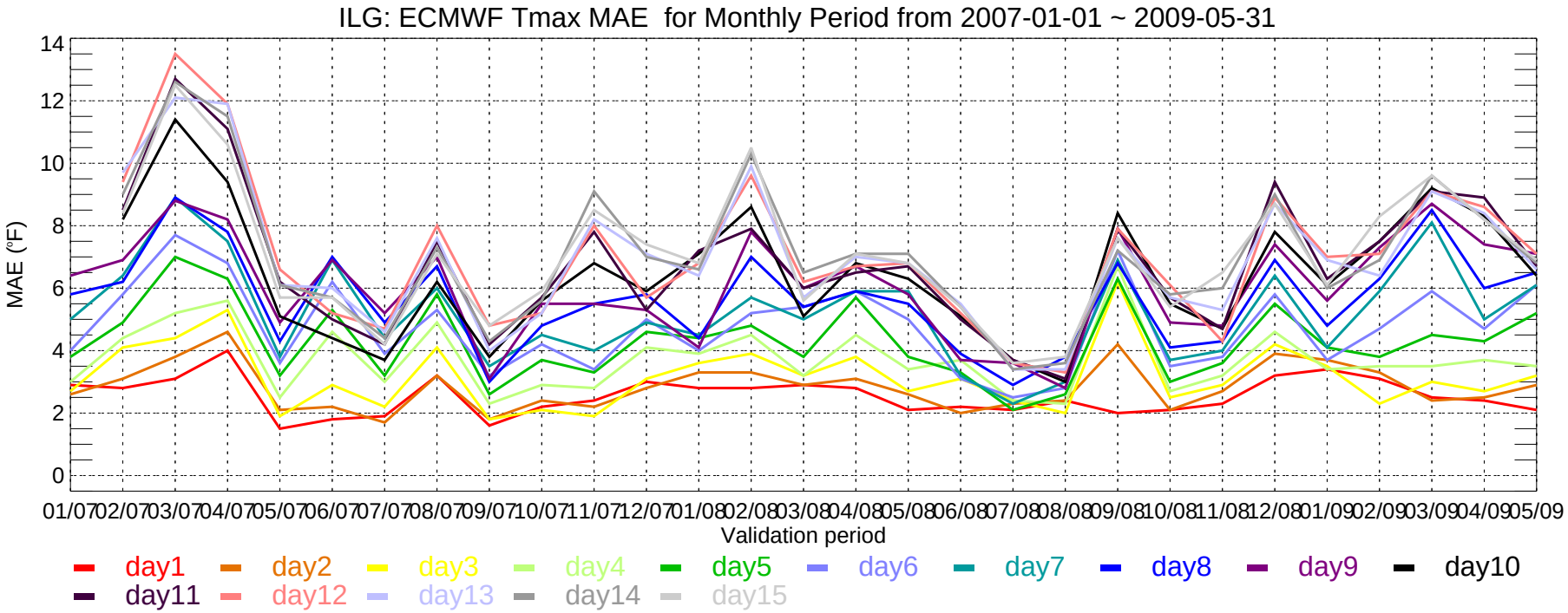

IAH: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

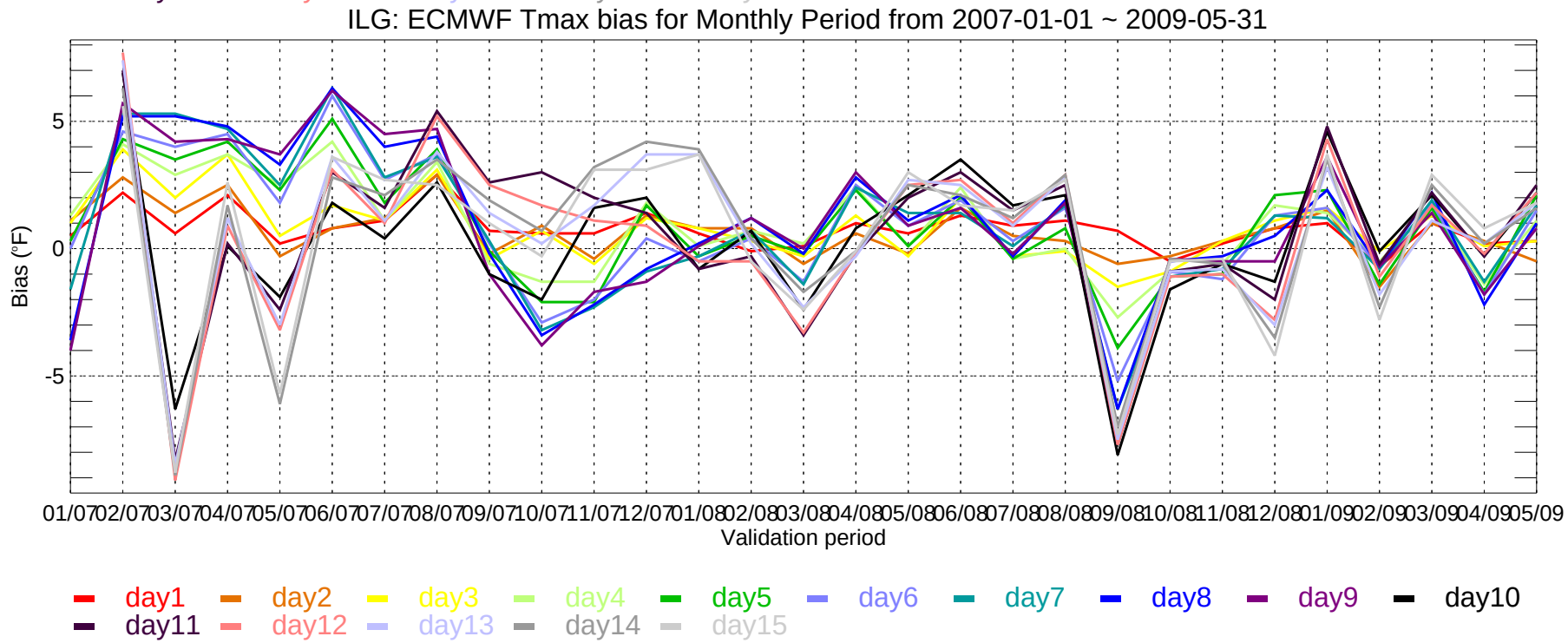

ICT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

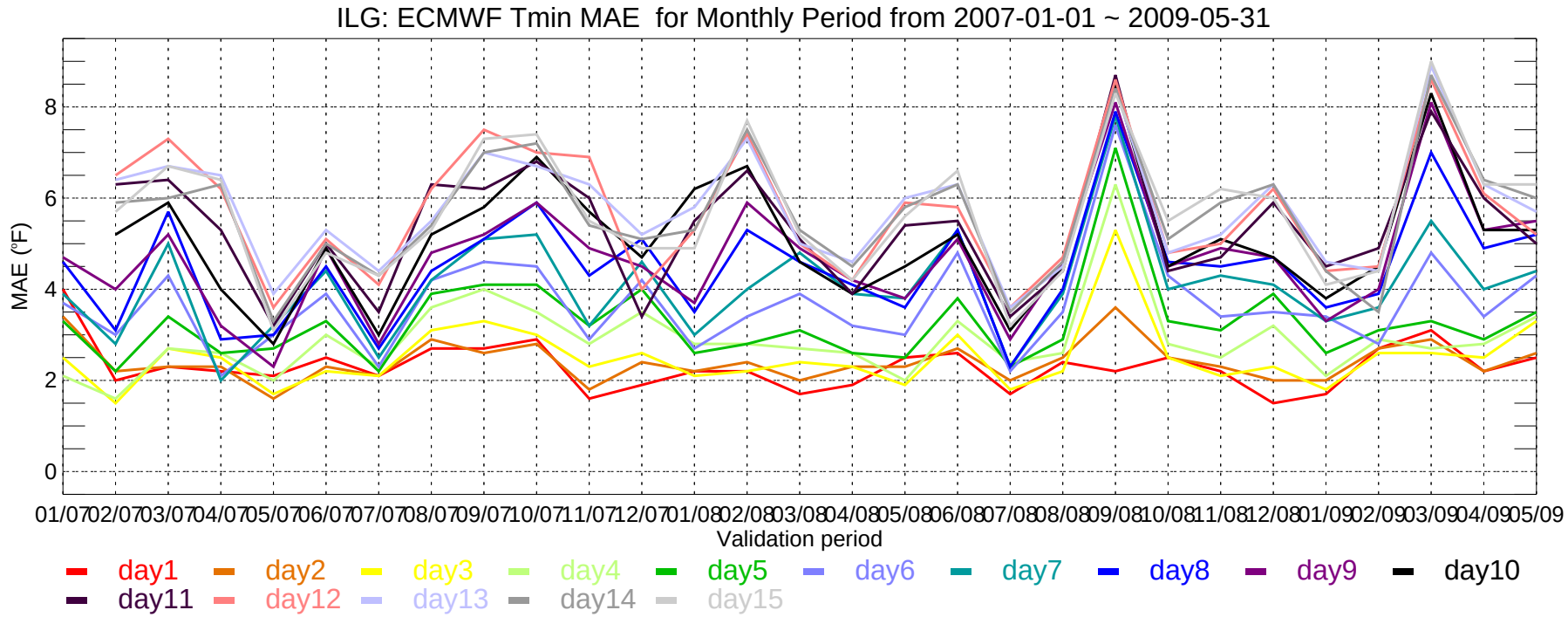

ICT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

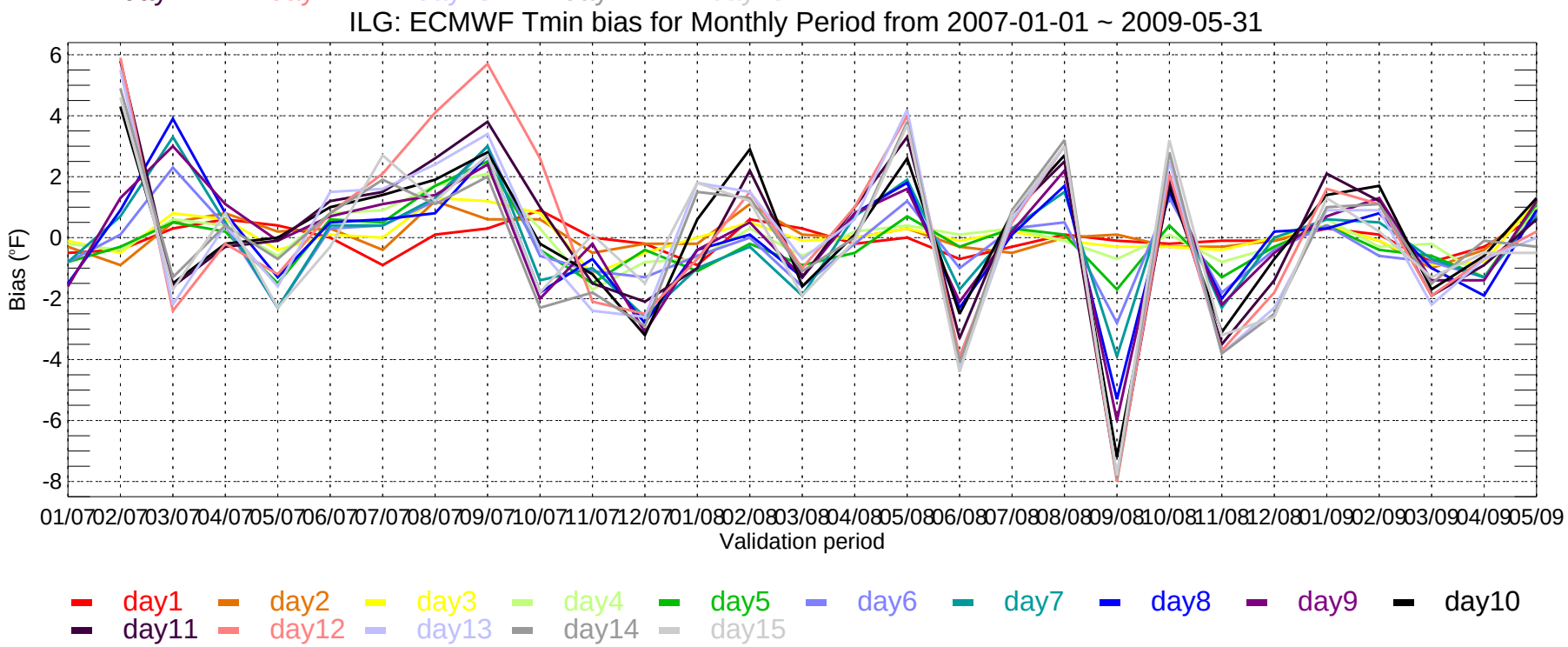

ICT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

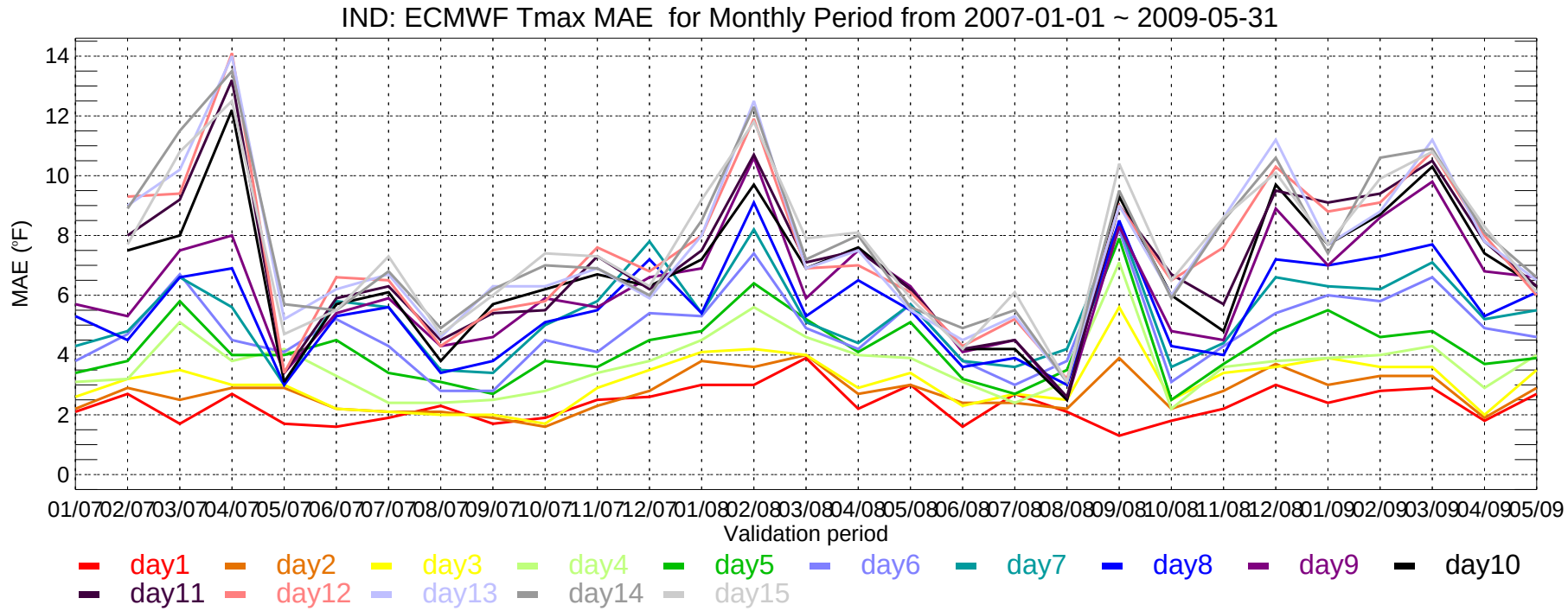

ICT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

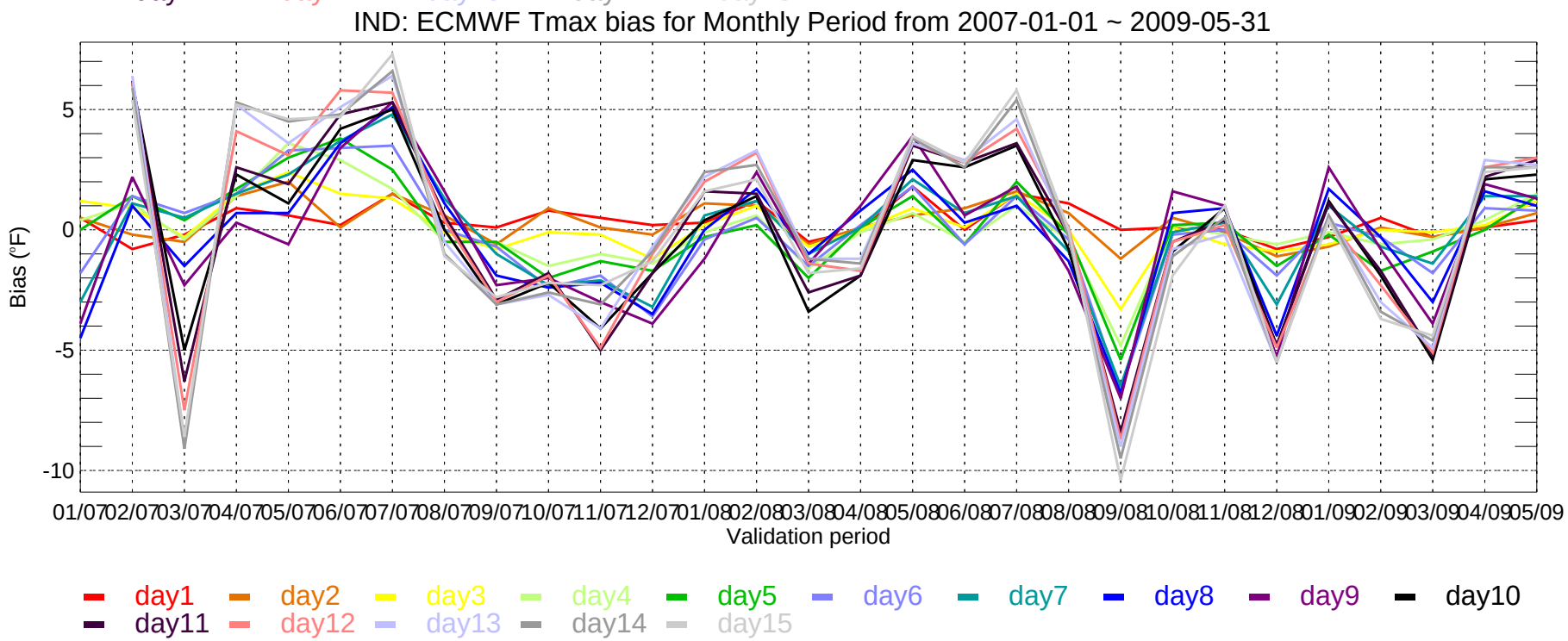

ILG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

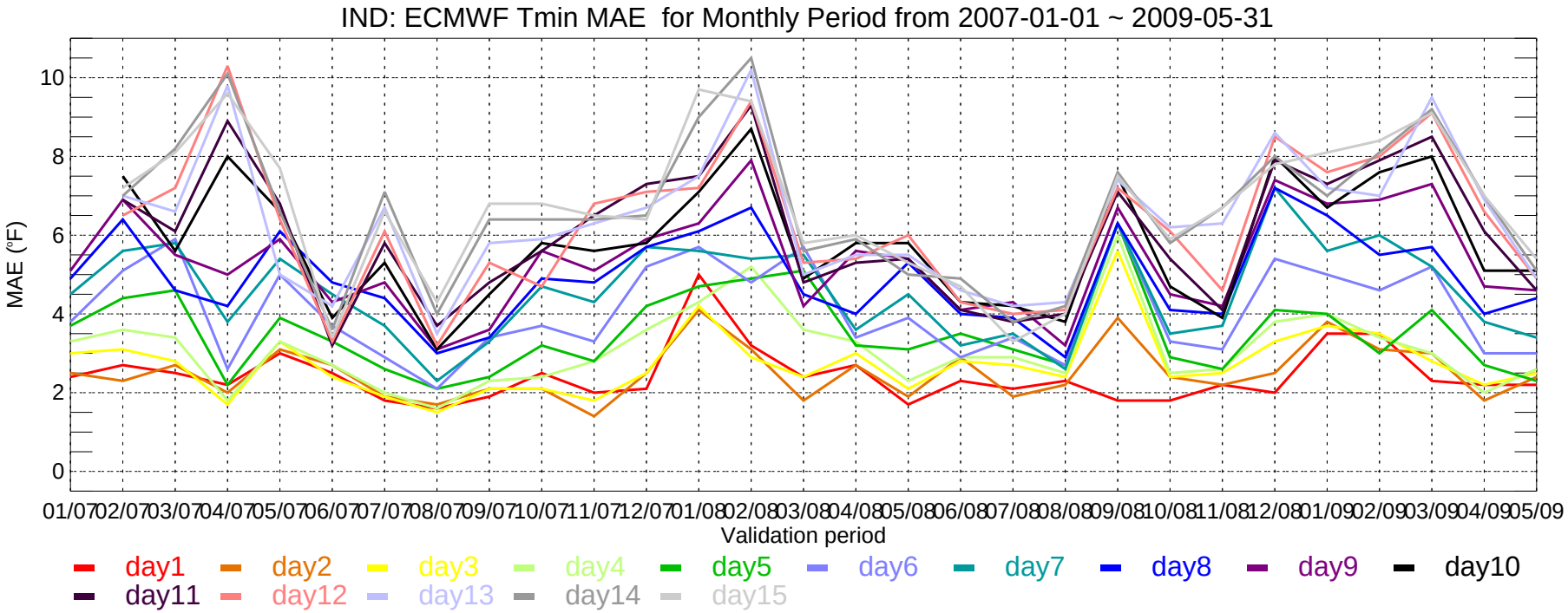

ILG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

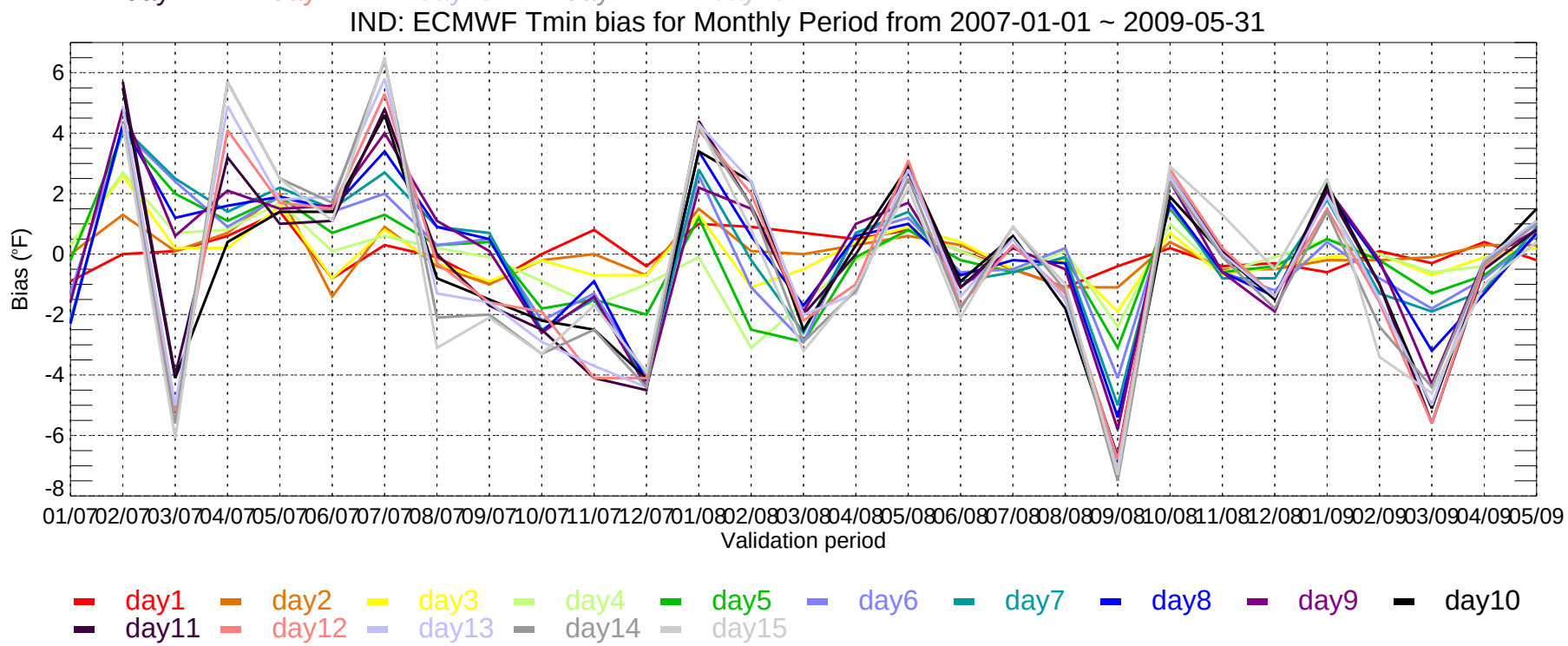

ILG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

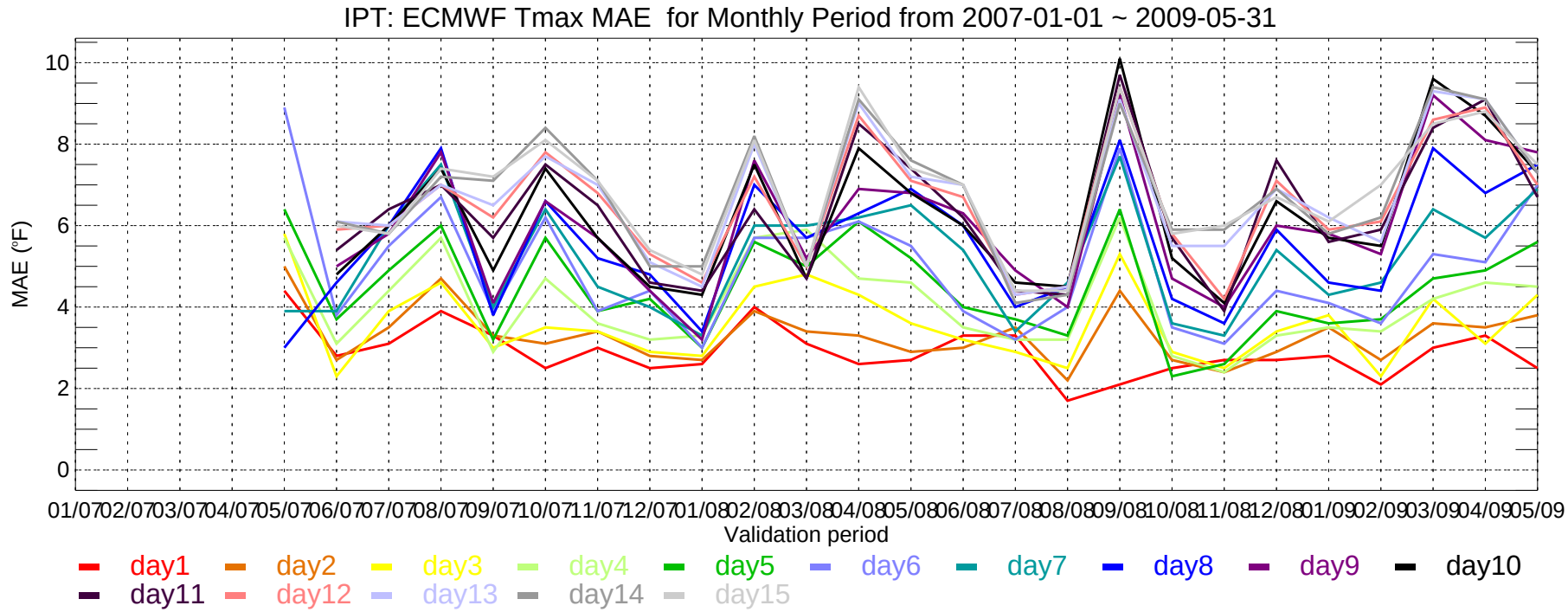

ILG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

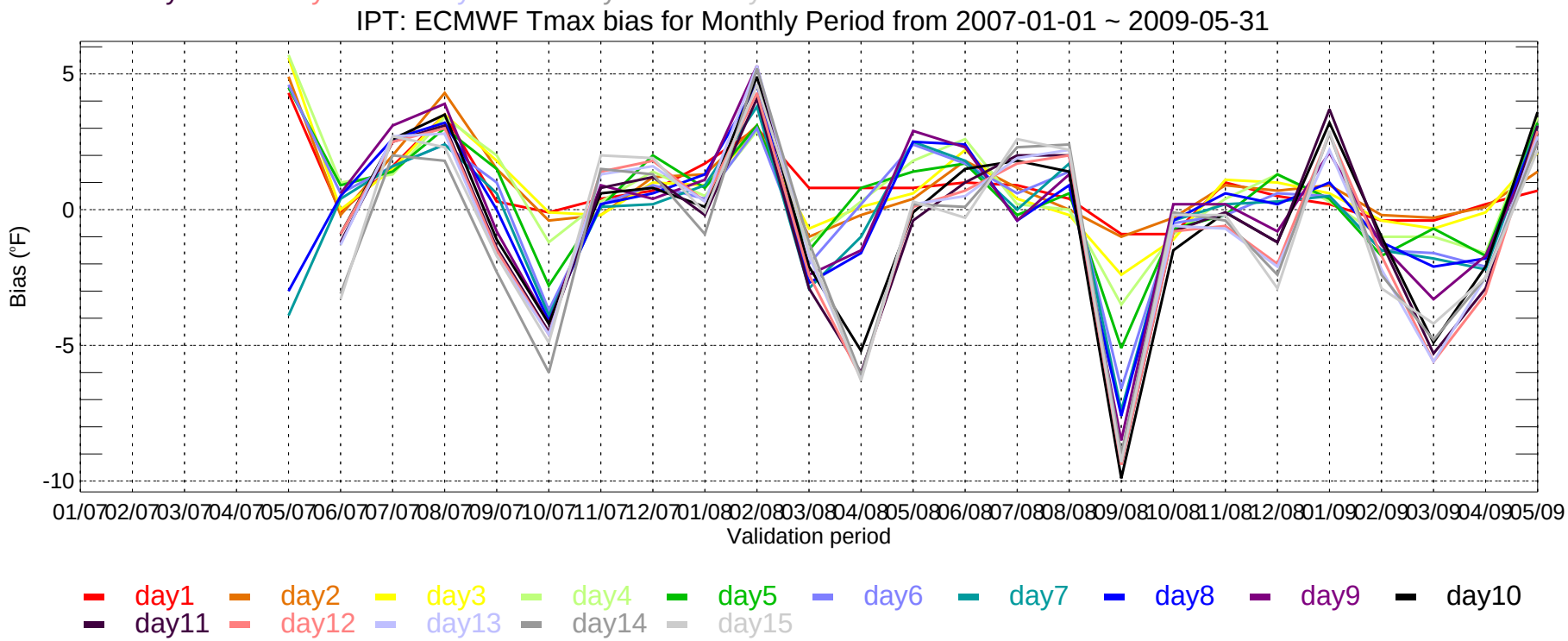

IND: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

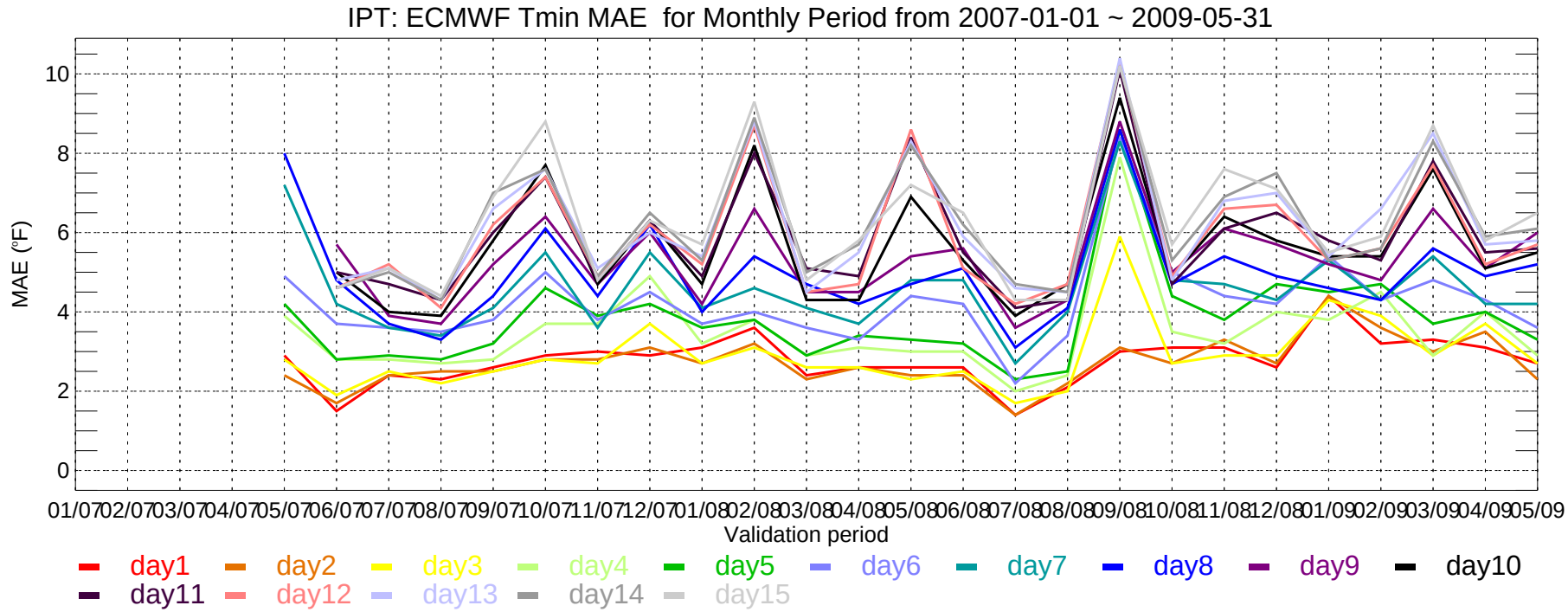

IND: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

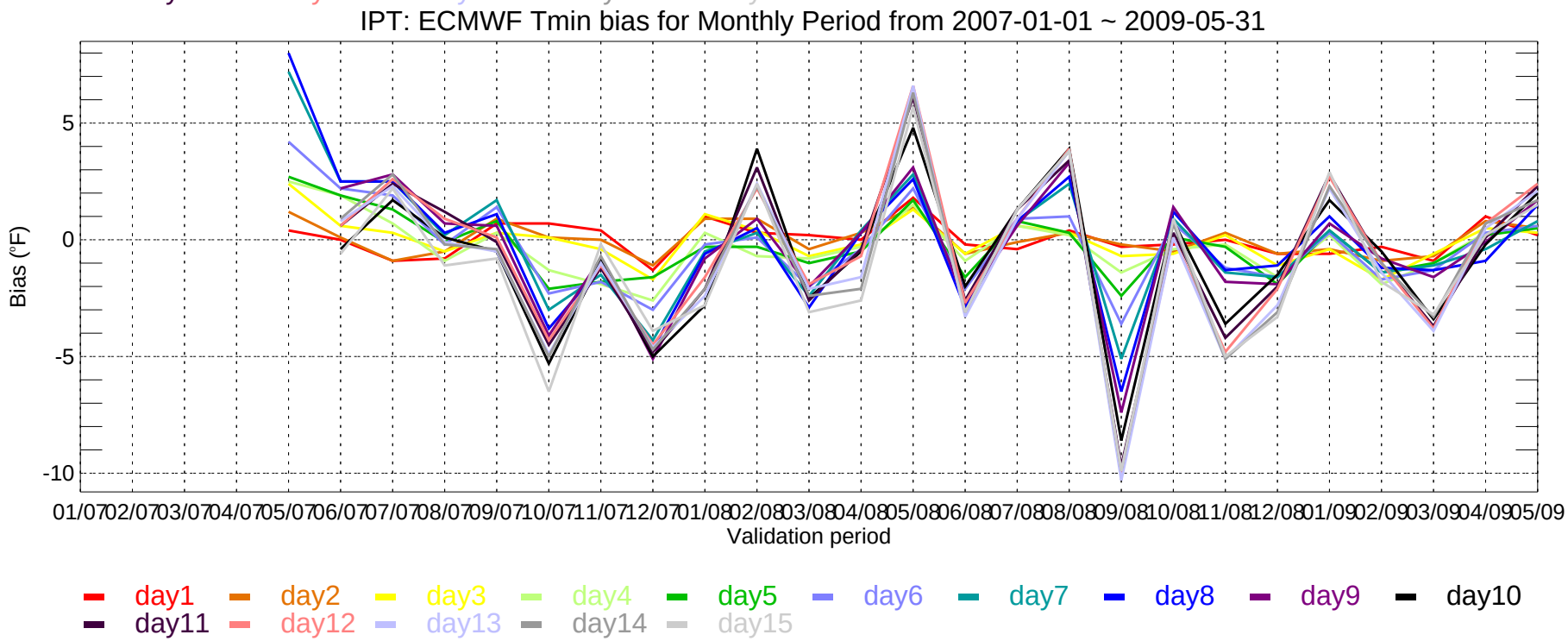

IND: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

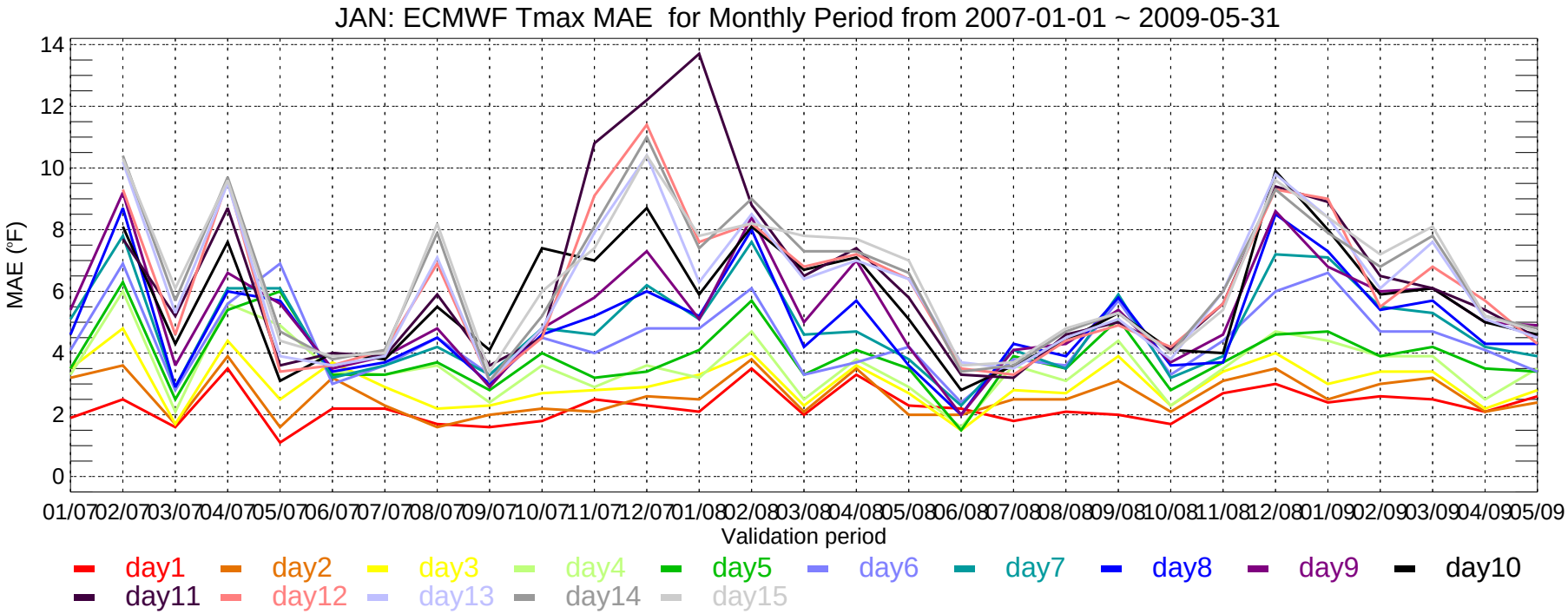

IND: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

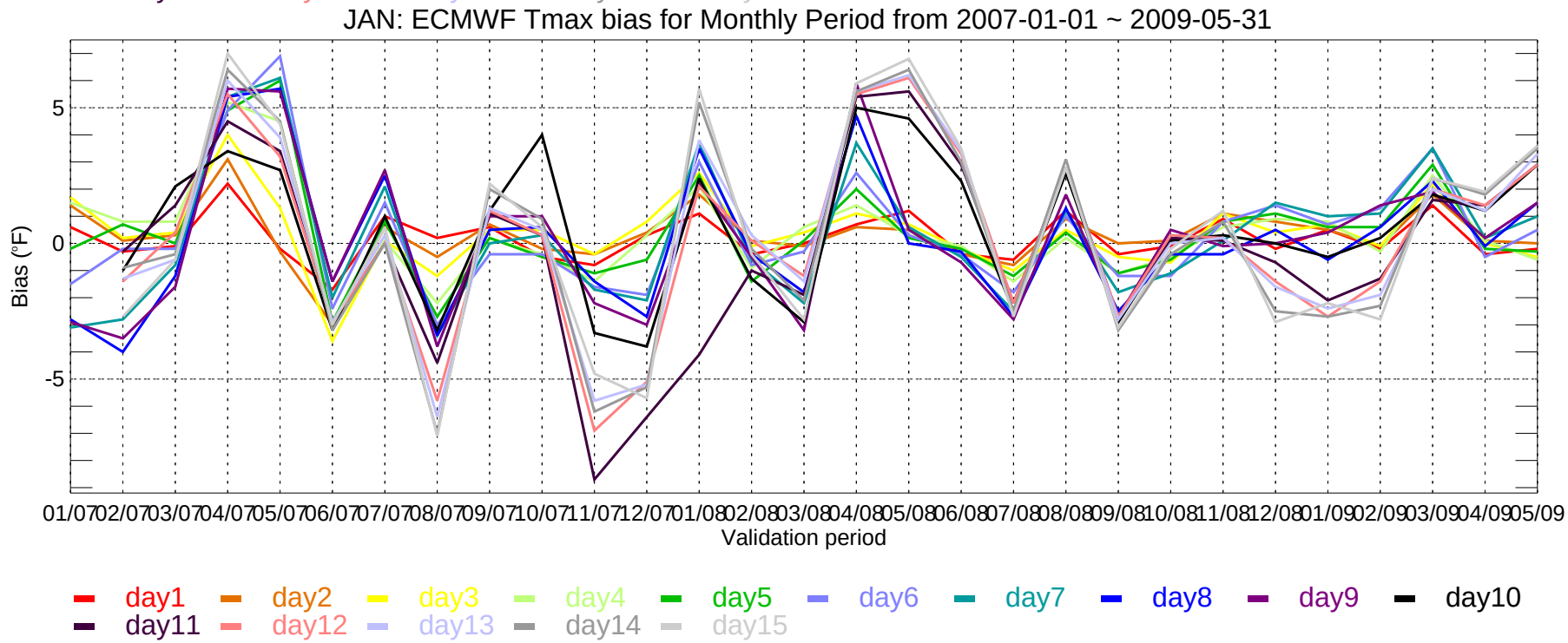

IPT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


IPT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


IPT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


IPT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


JAN: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


JAN: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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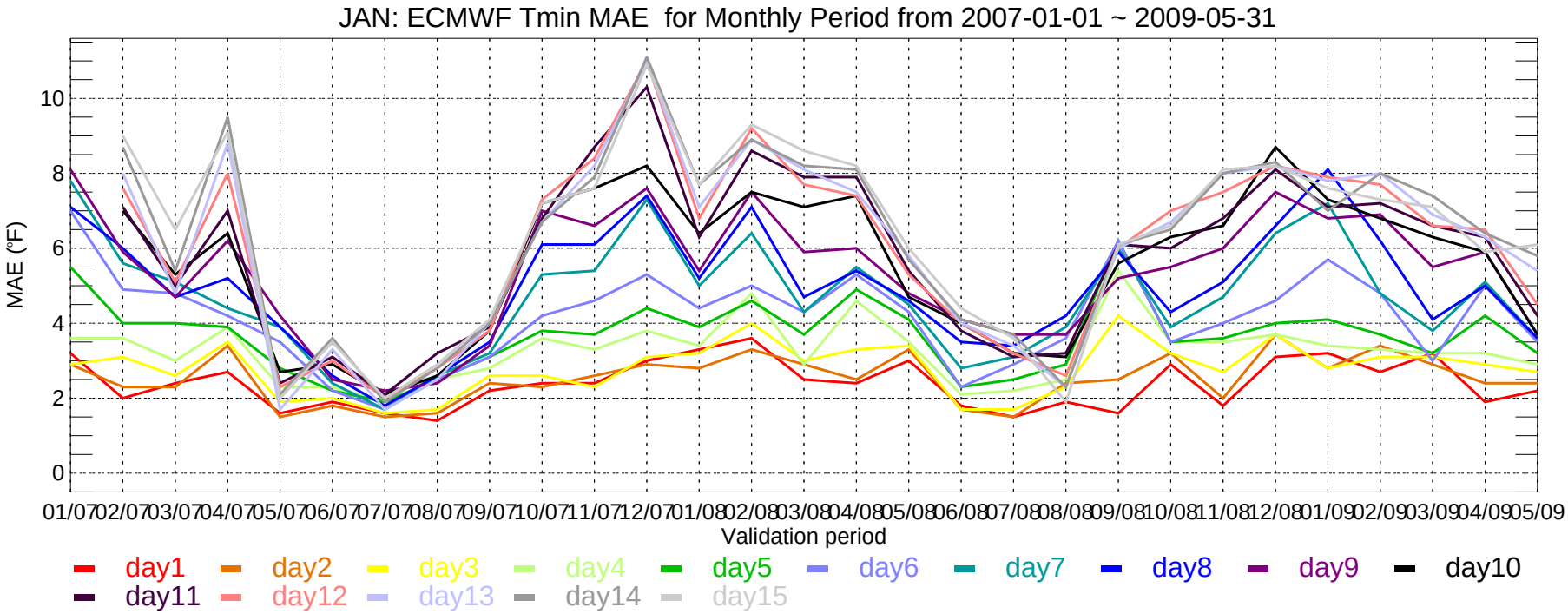
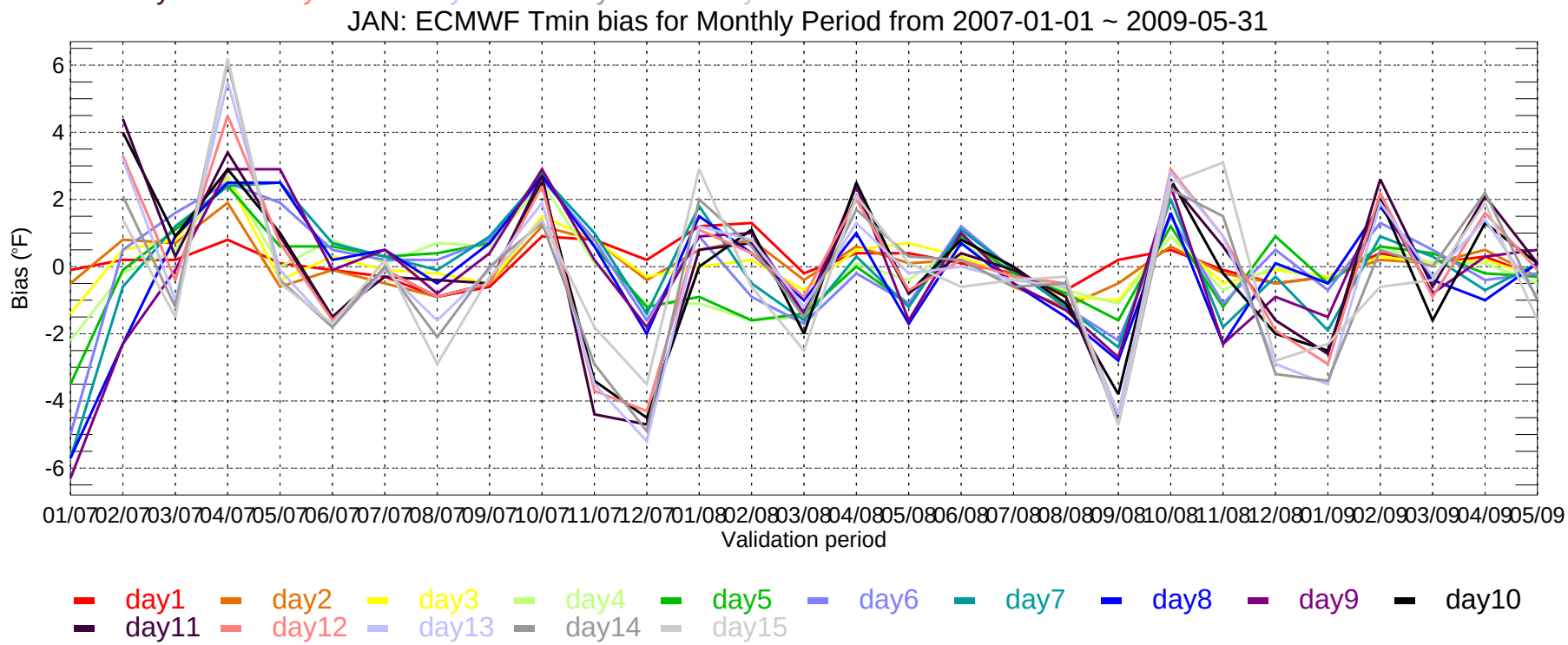

JAN: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


JAN: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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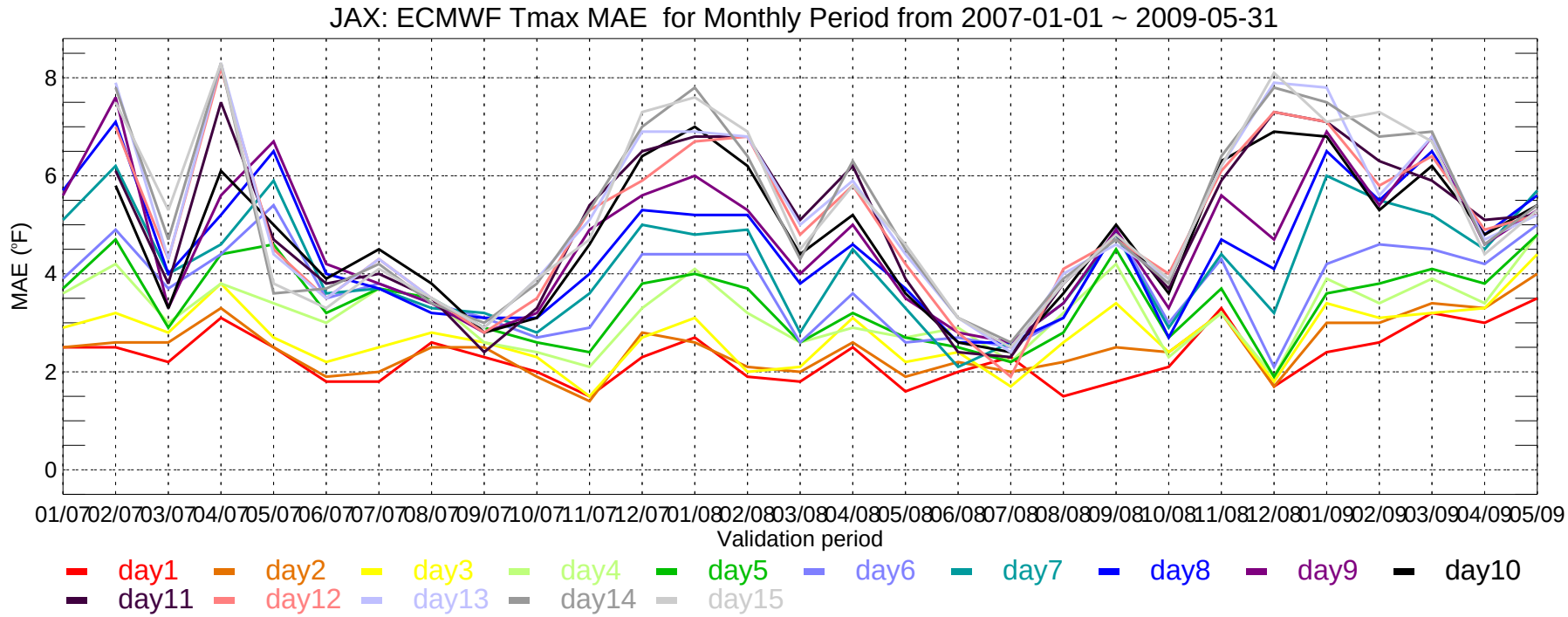
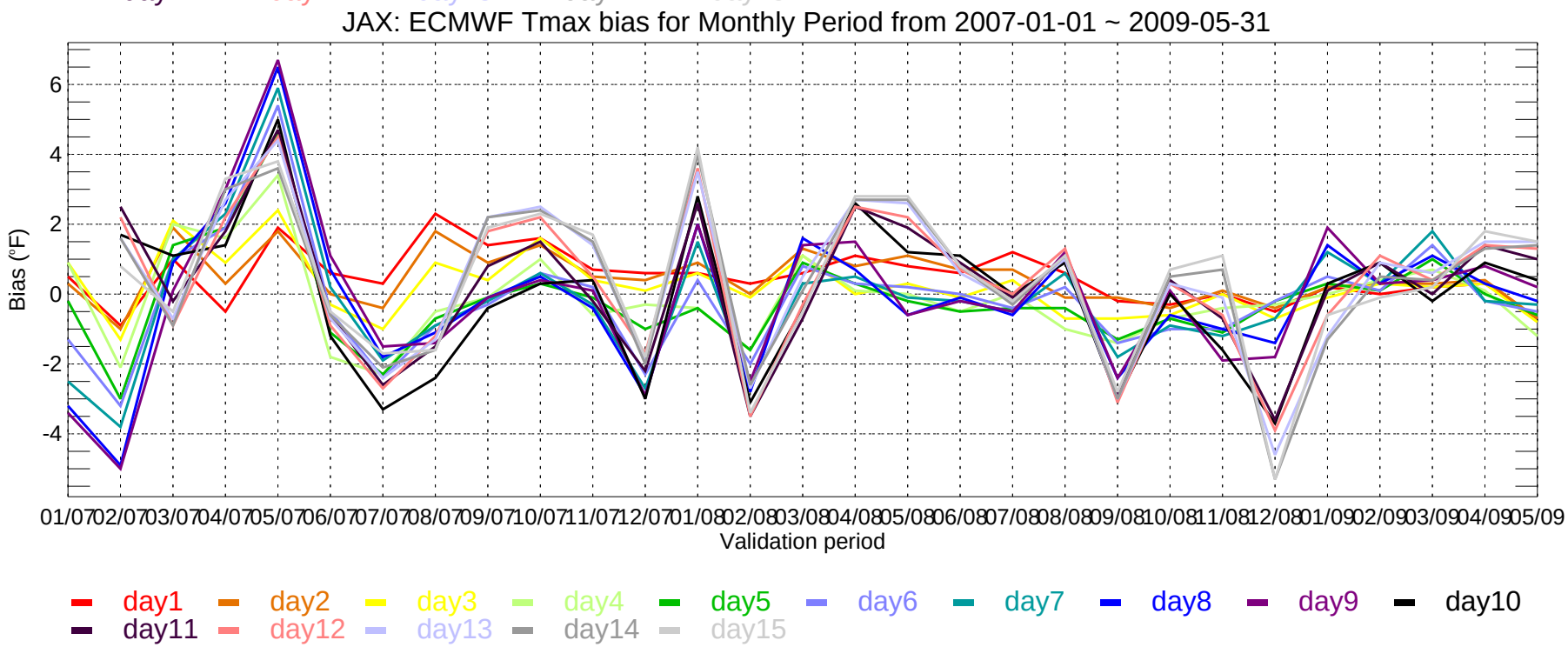
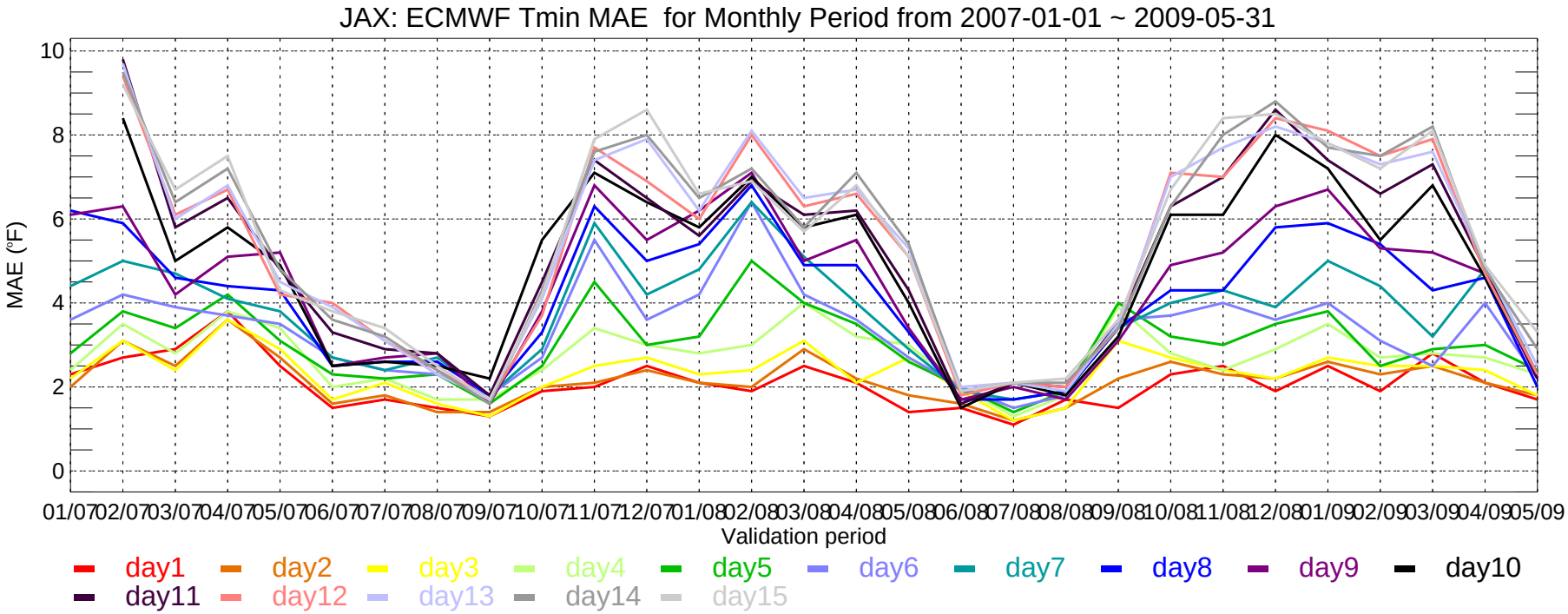
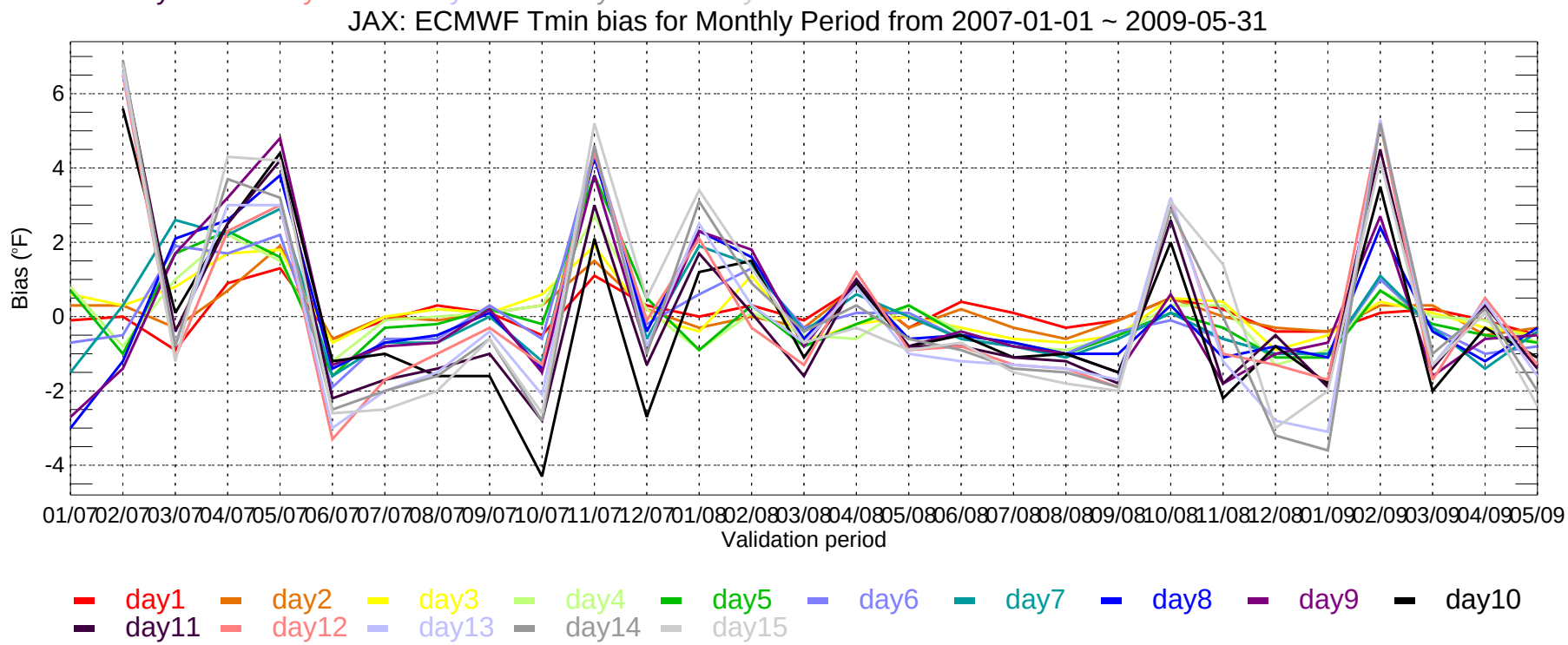
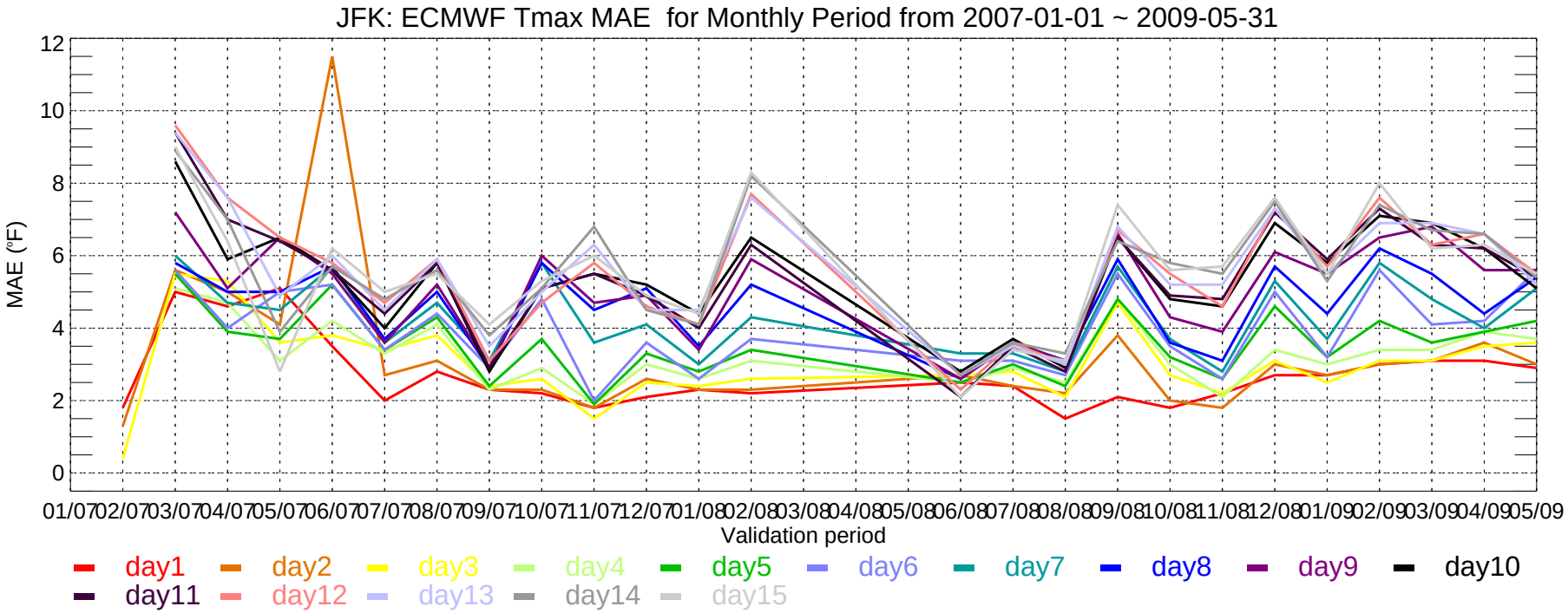
day11 day12 day13 day14 day15

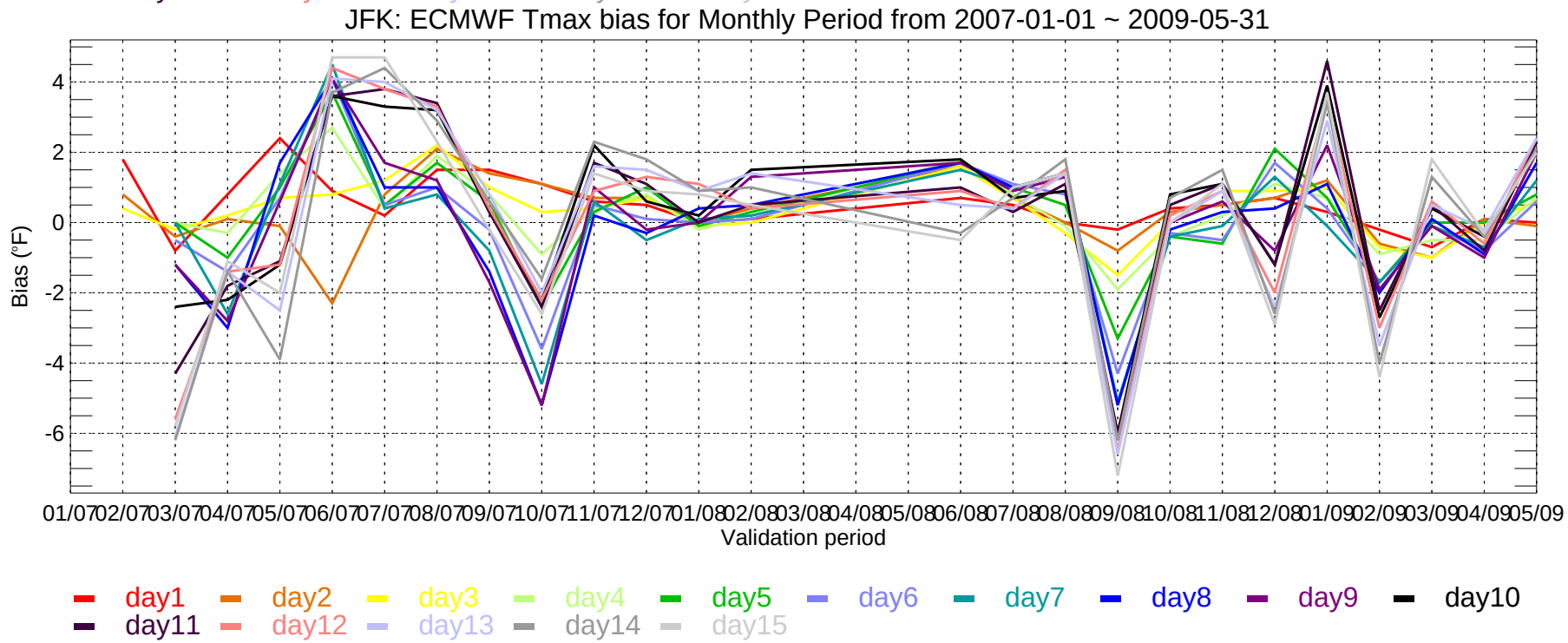

JAX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

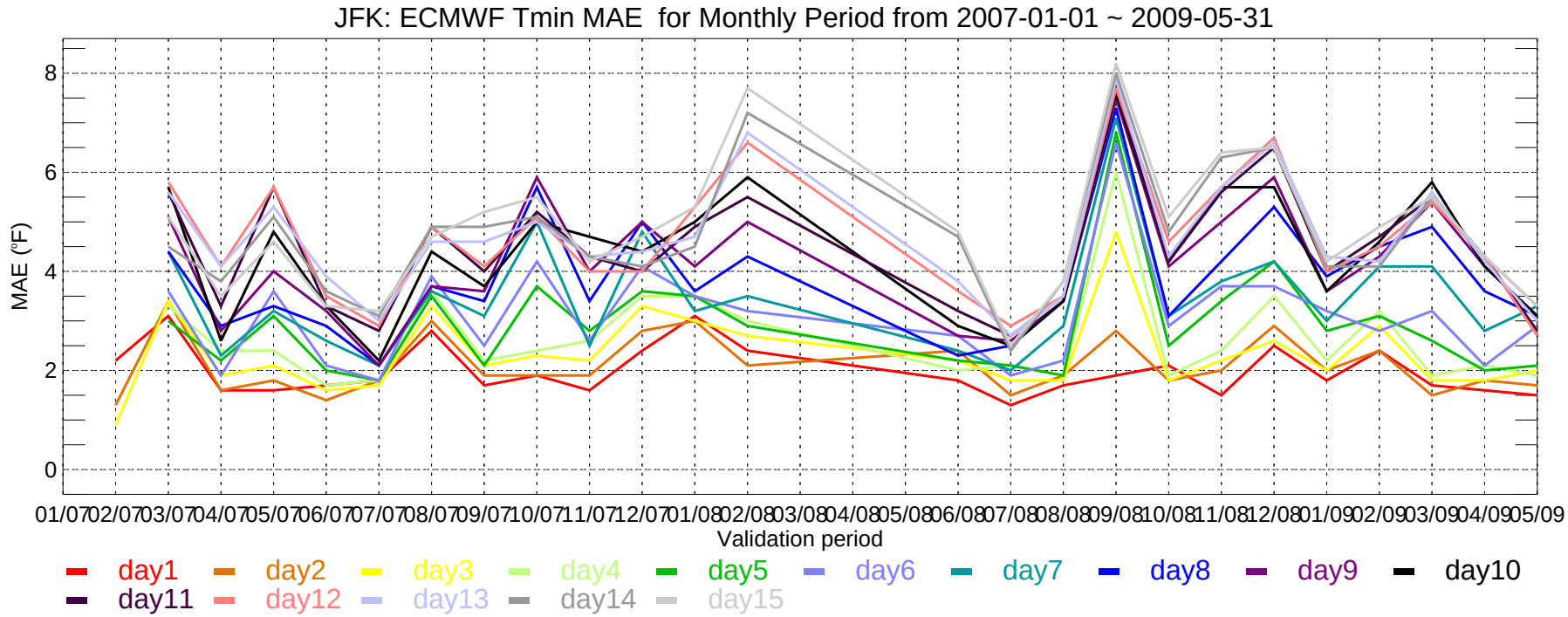

JAX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

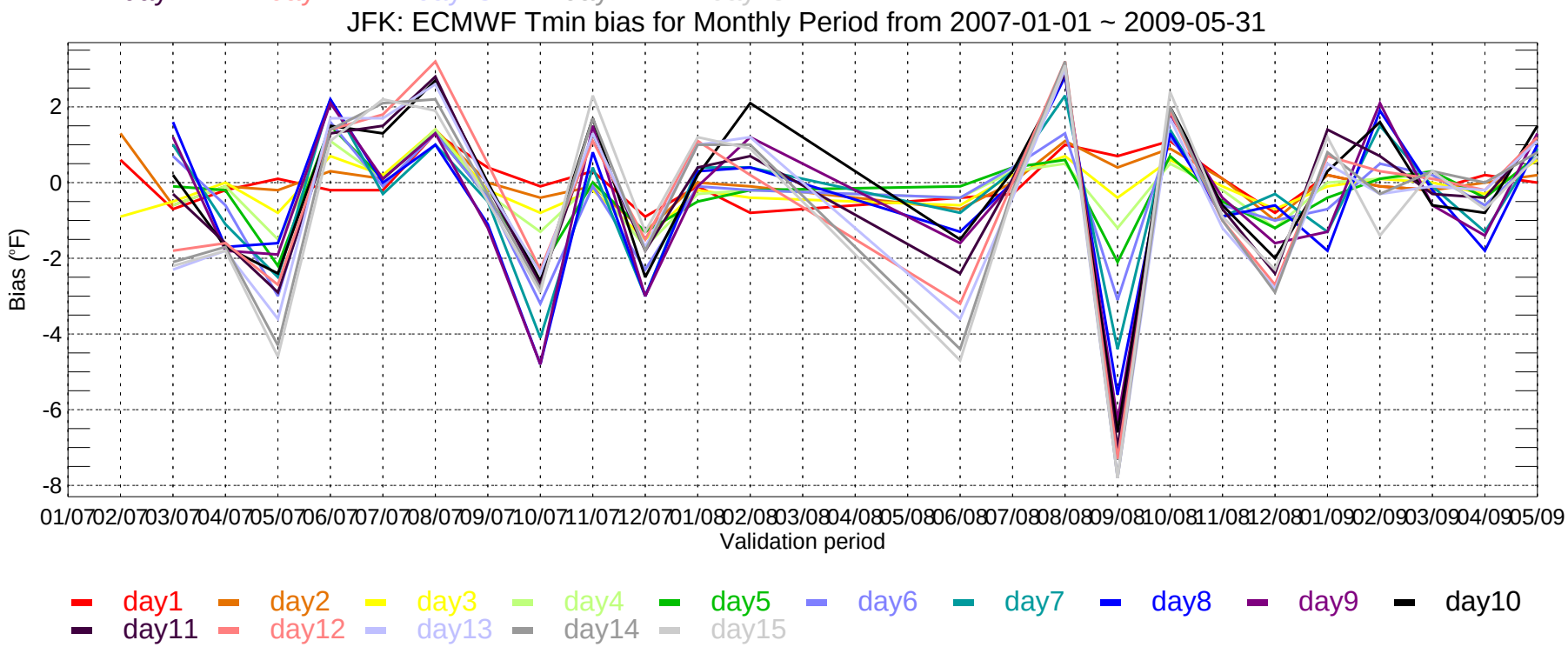

JAX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

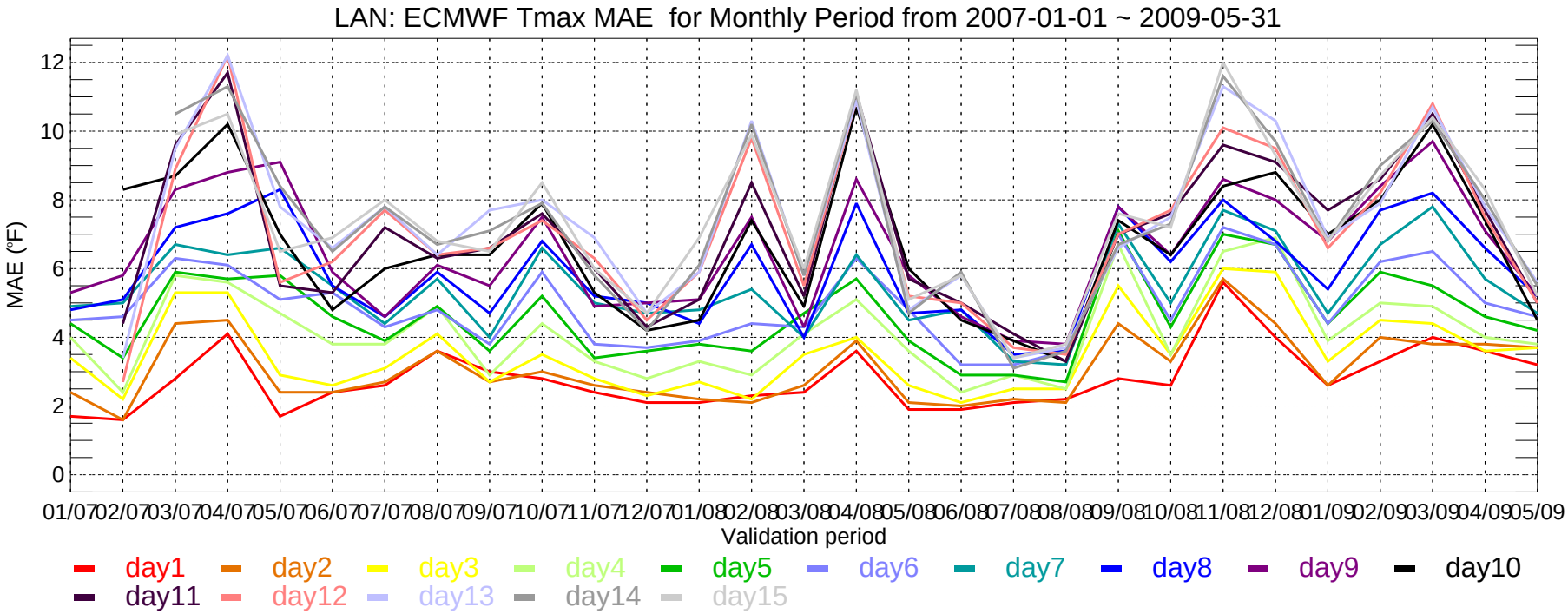

JAX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

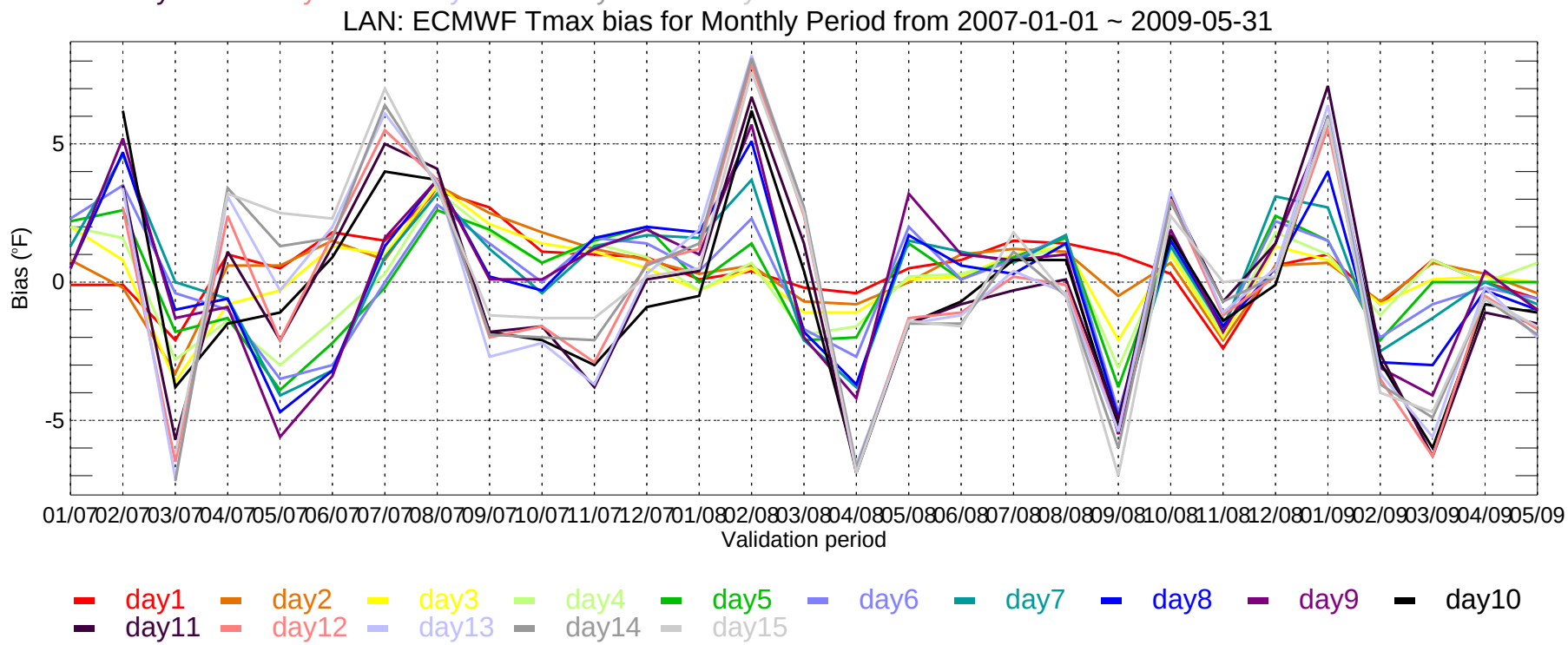

JFK: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

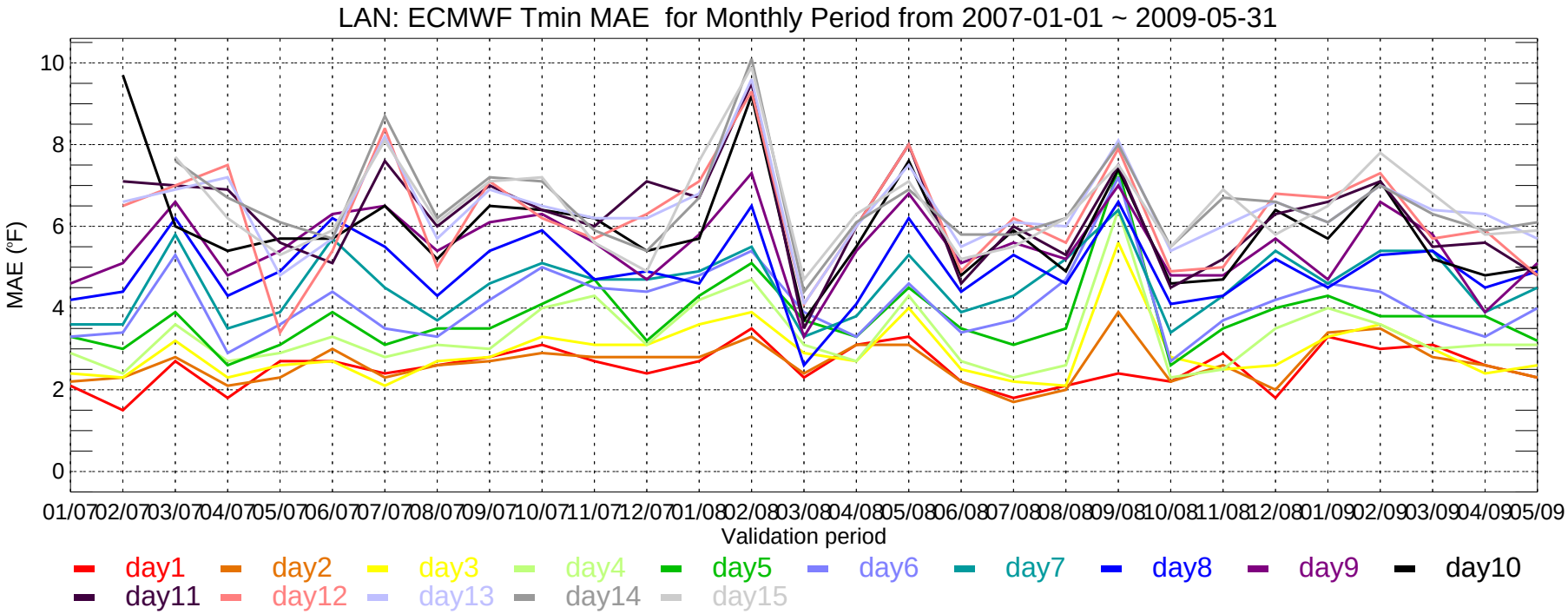

JFK: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

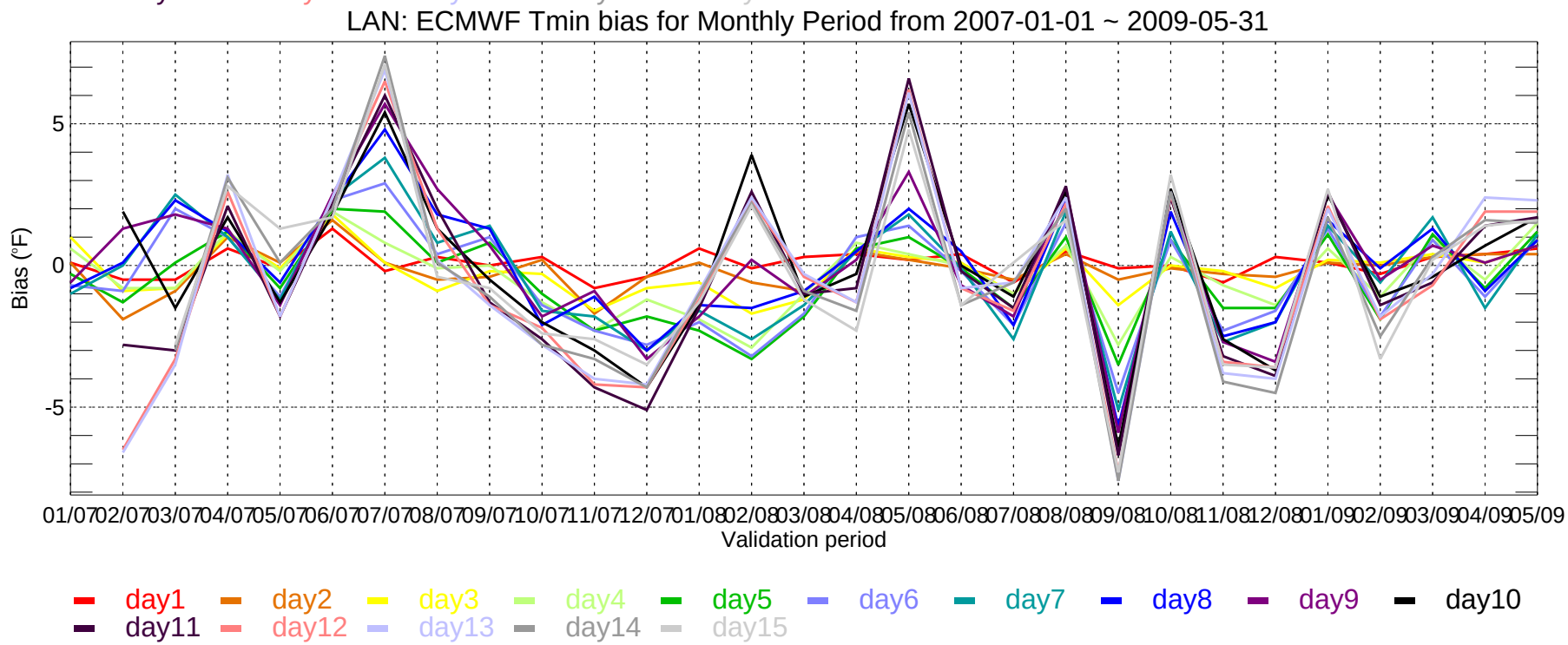

JFK: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

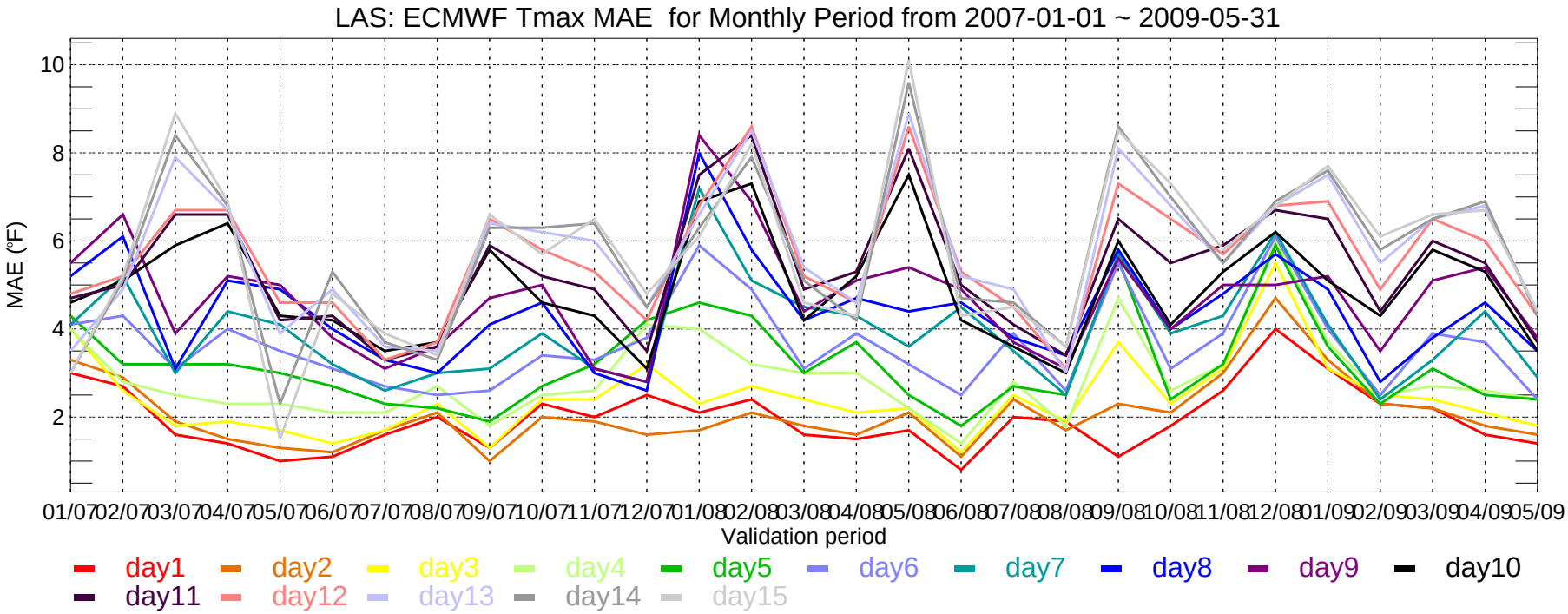

JFK: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

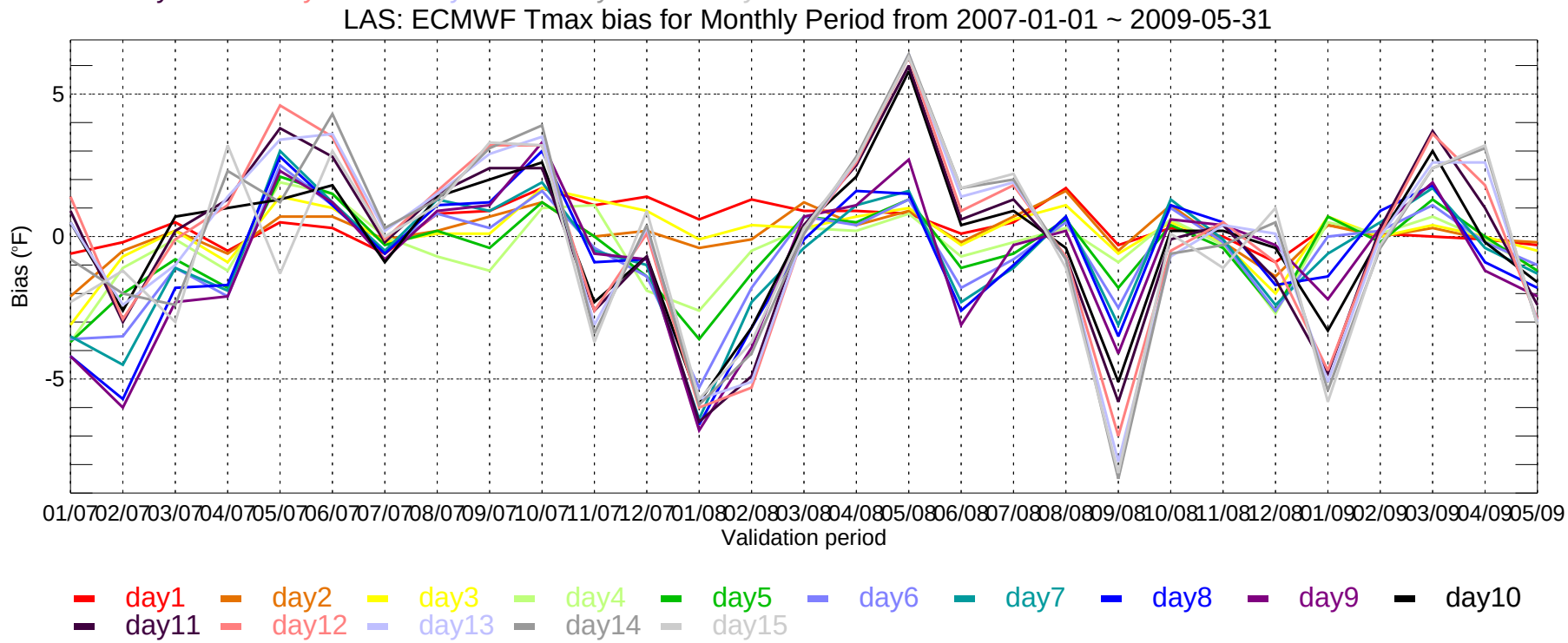

LAN: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

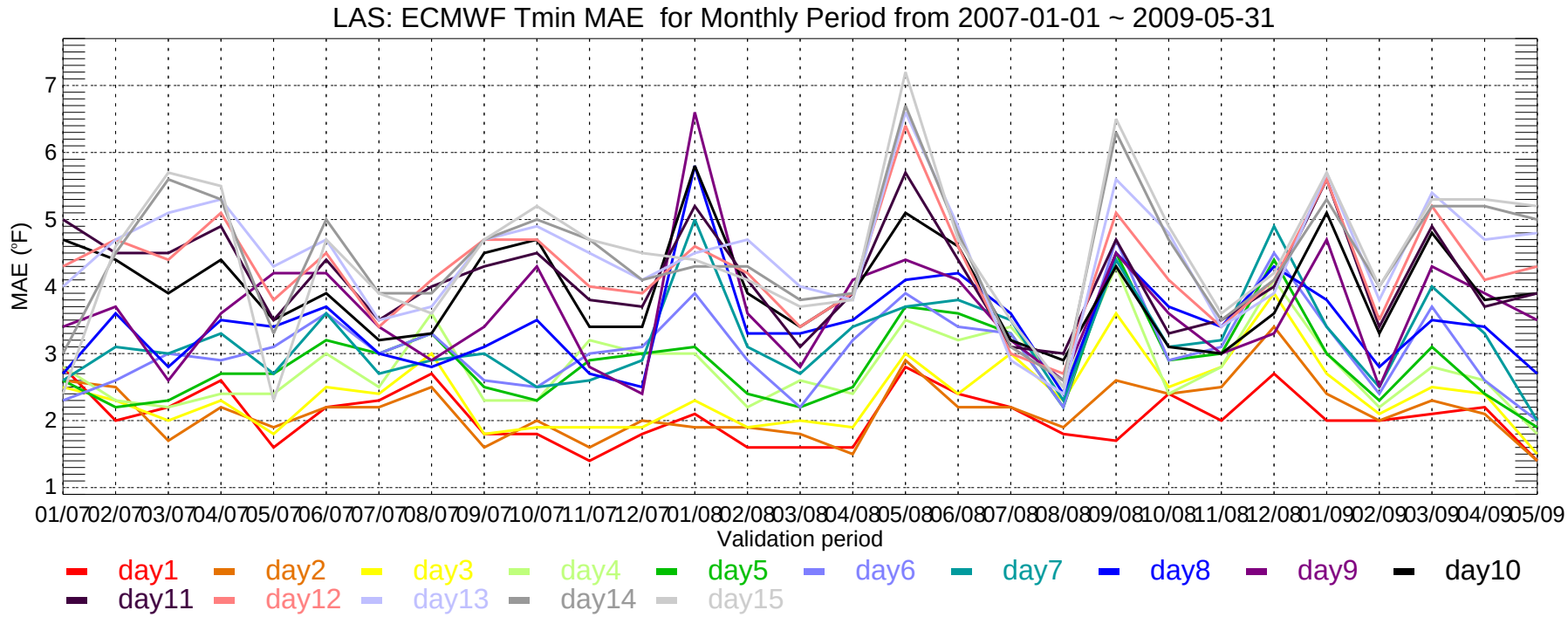

LAN: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

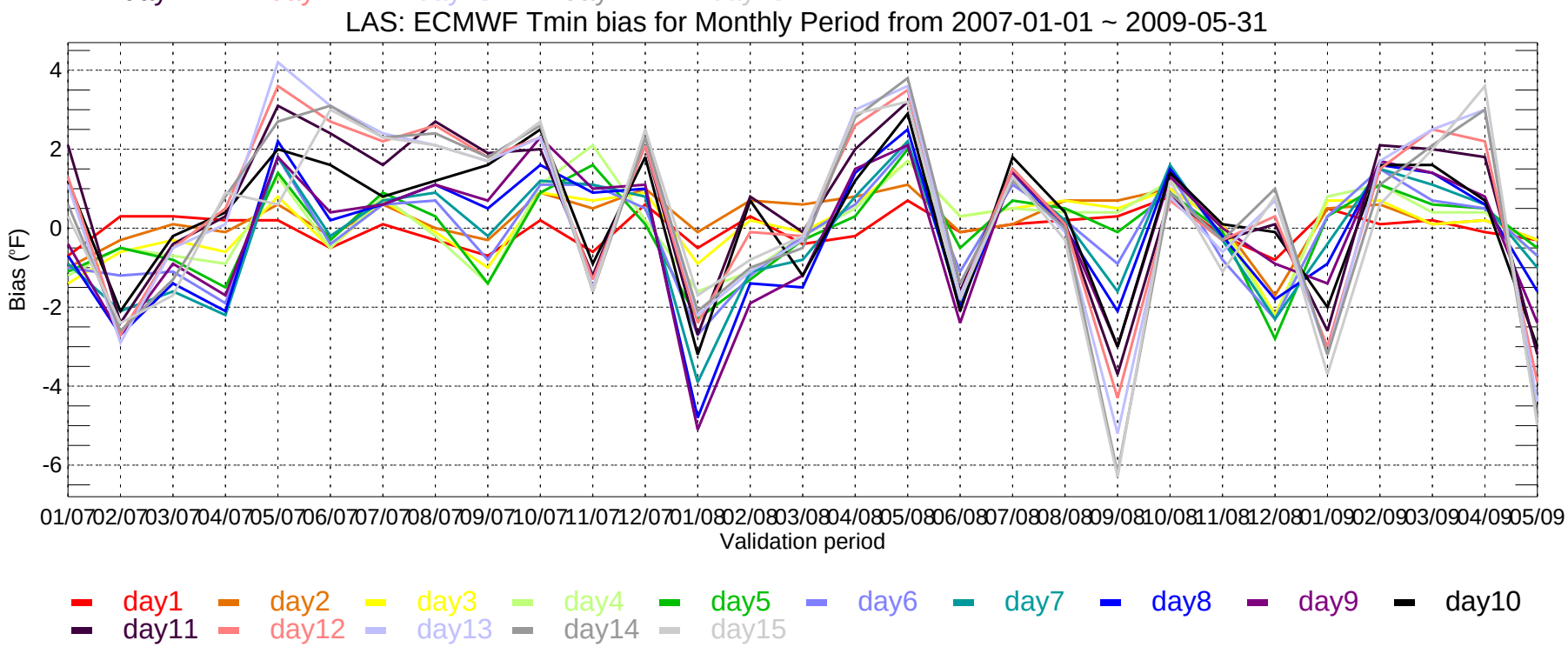

LAN: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

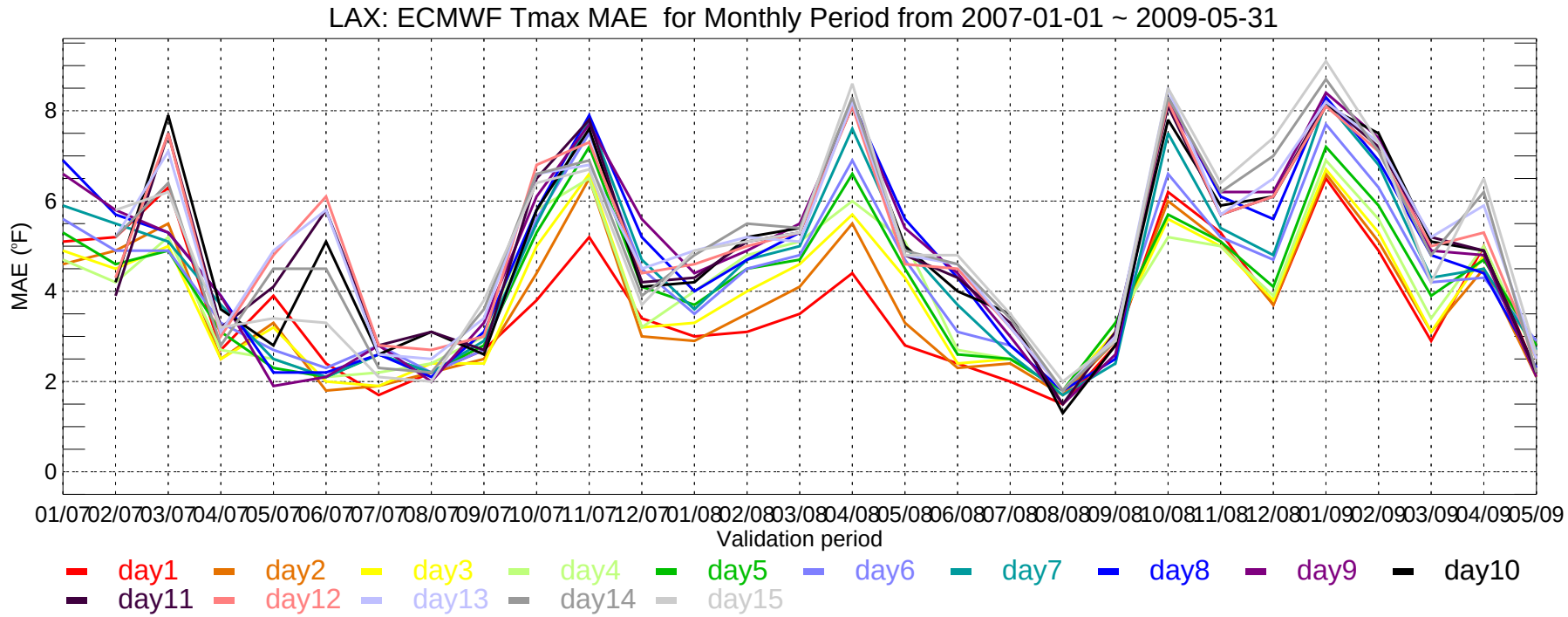

LAN: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

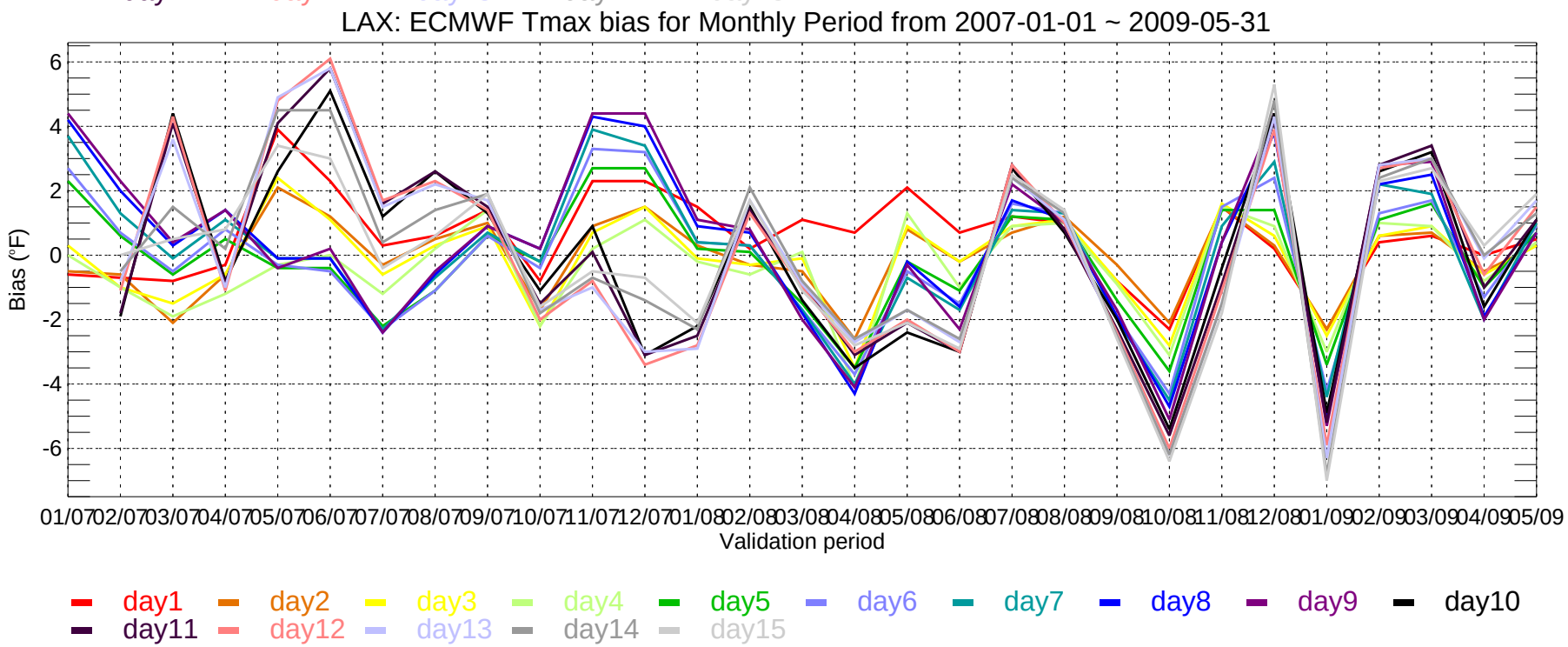

LAS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

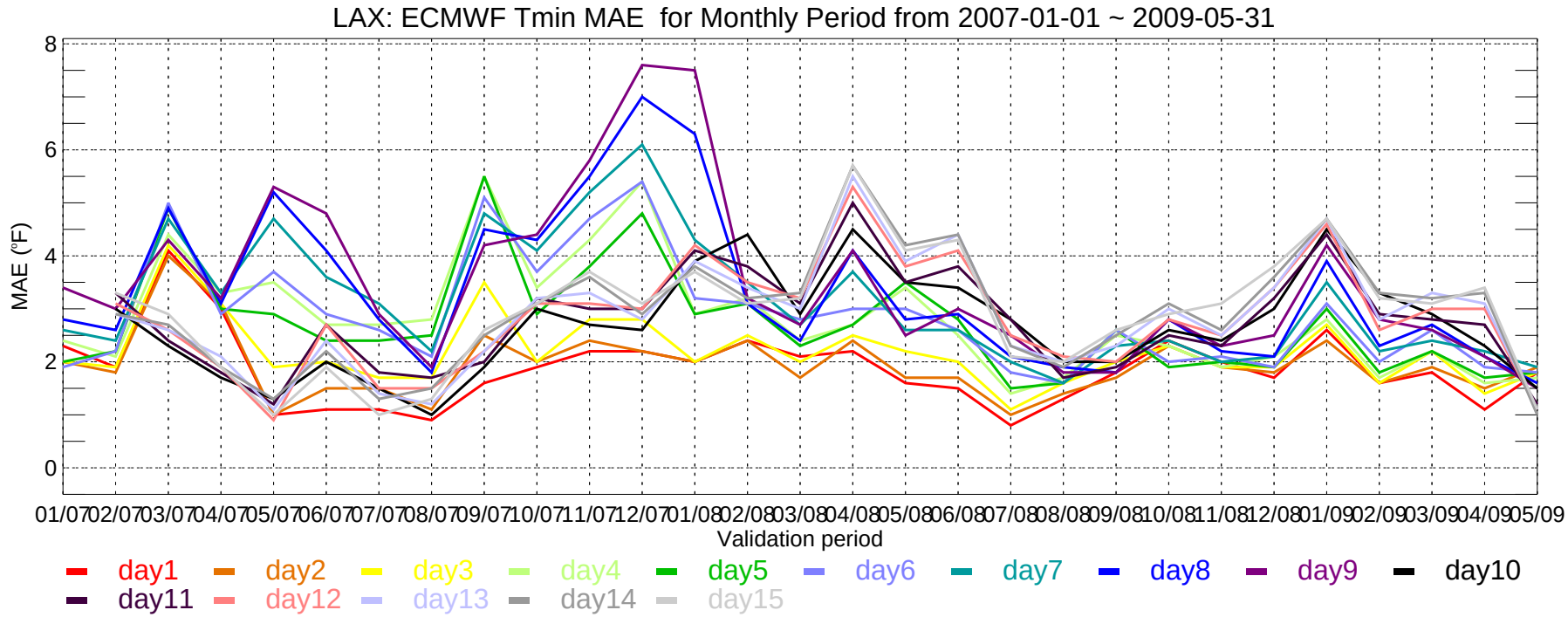

LAS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

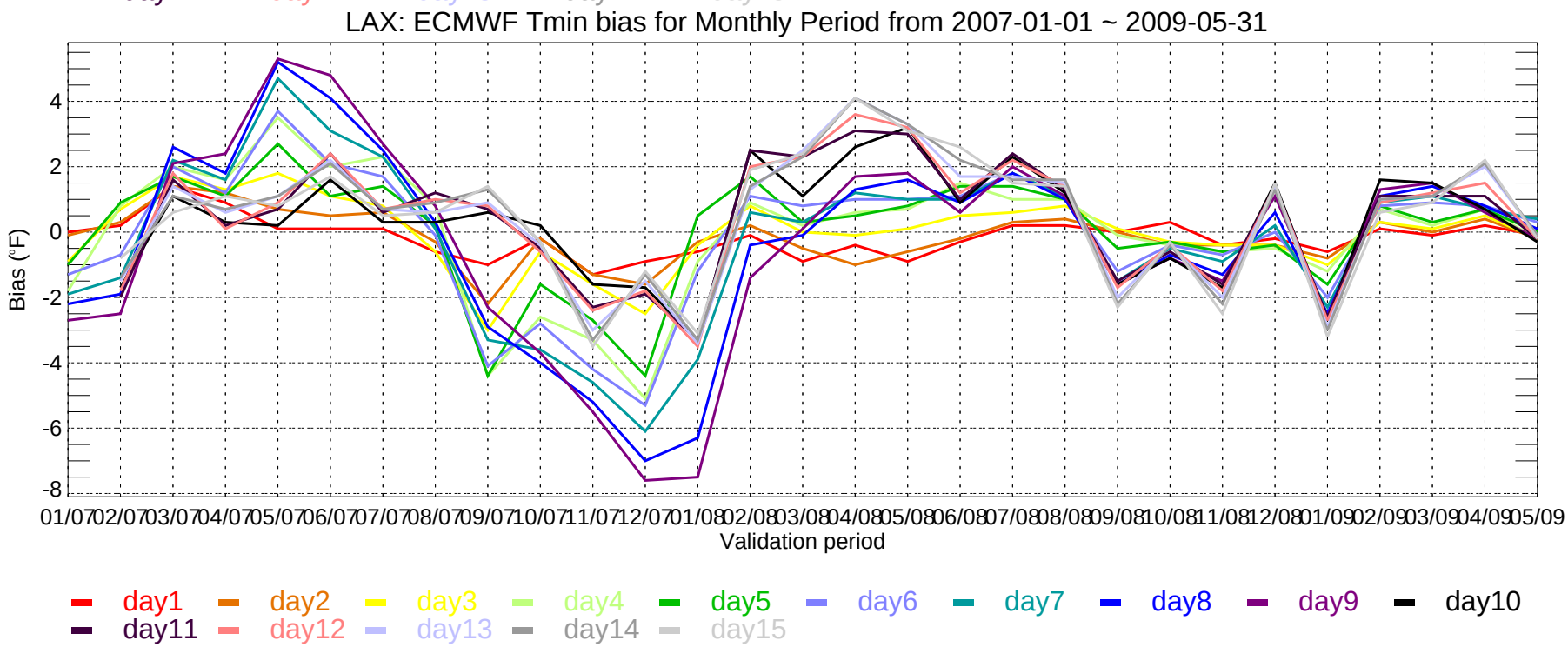

LAS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
1
2
3
4
5
6
7
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

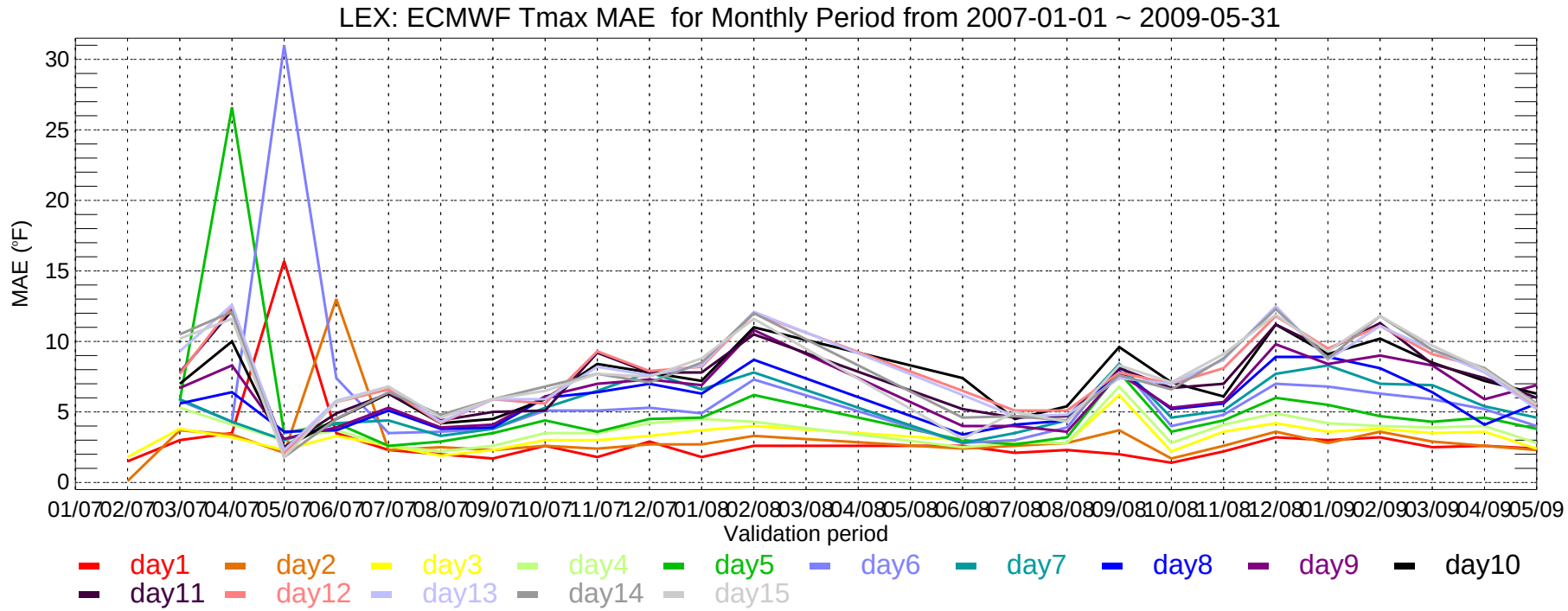

LAS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

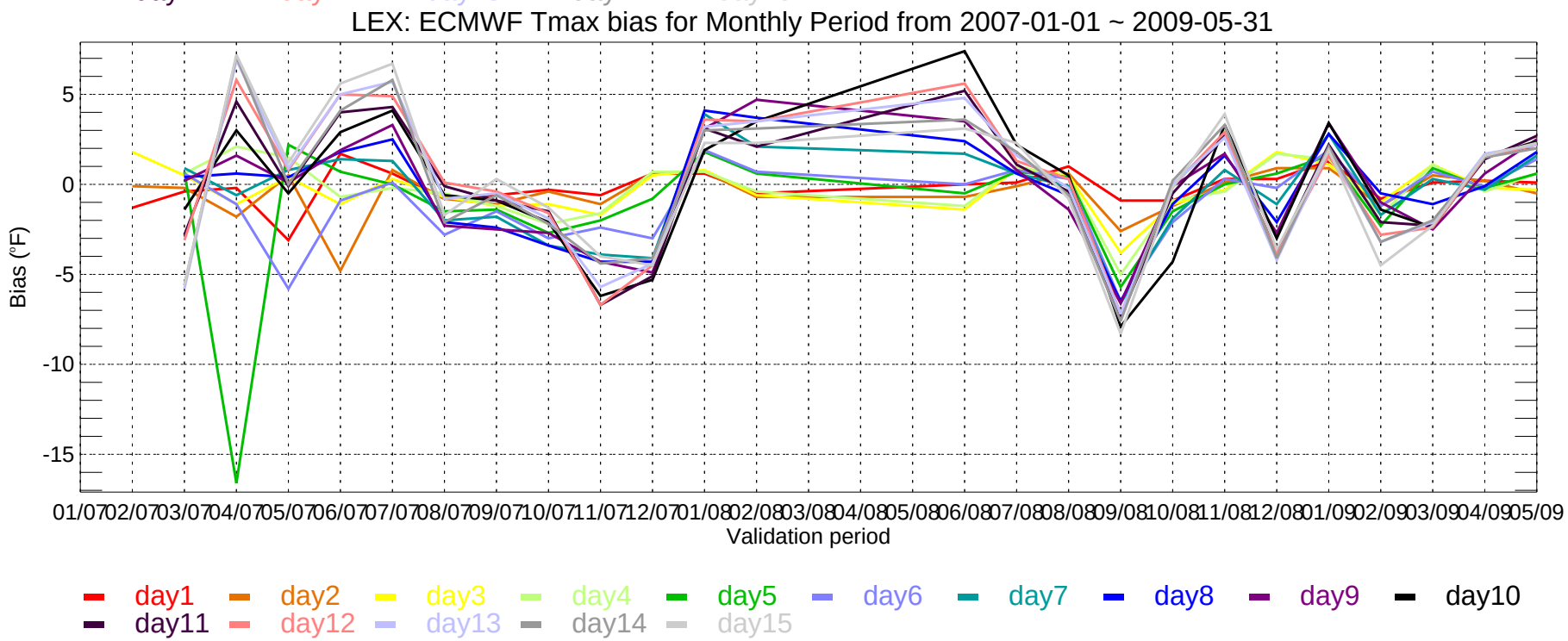

LAX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

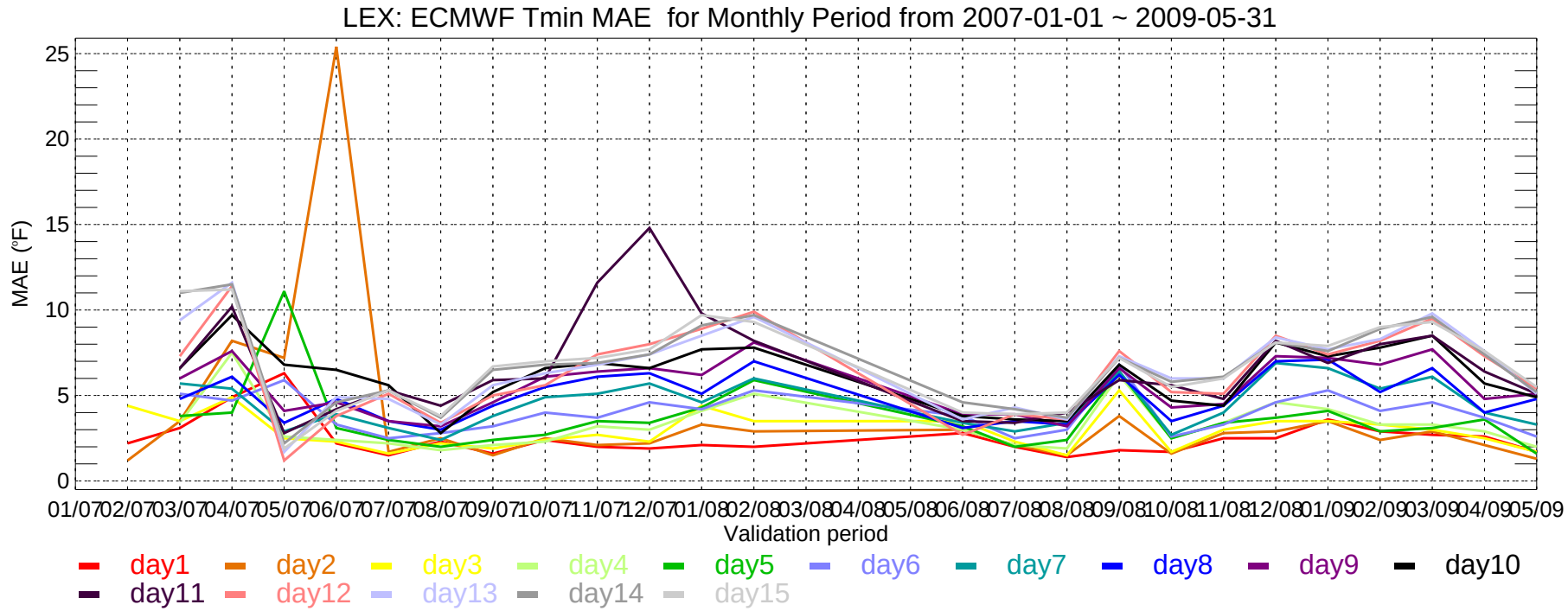

LAX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

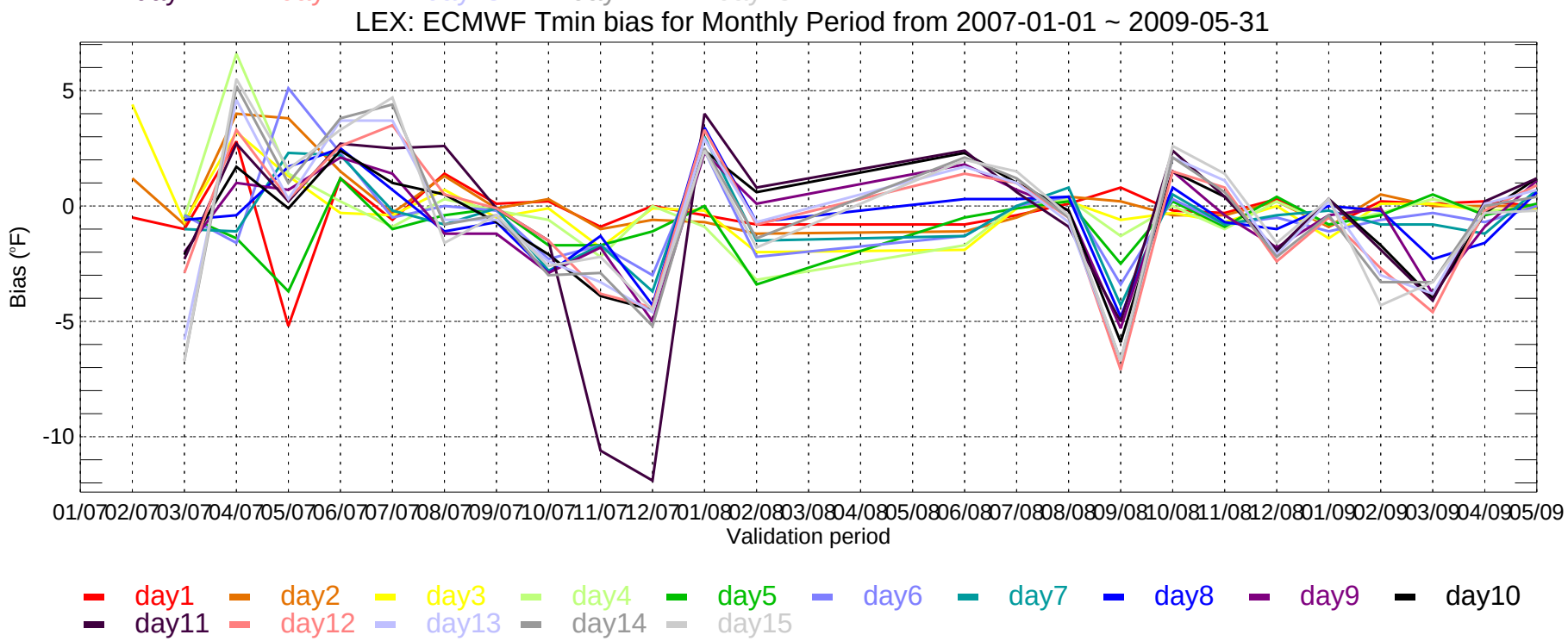

LAX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

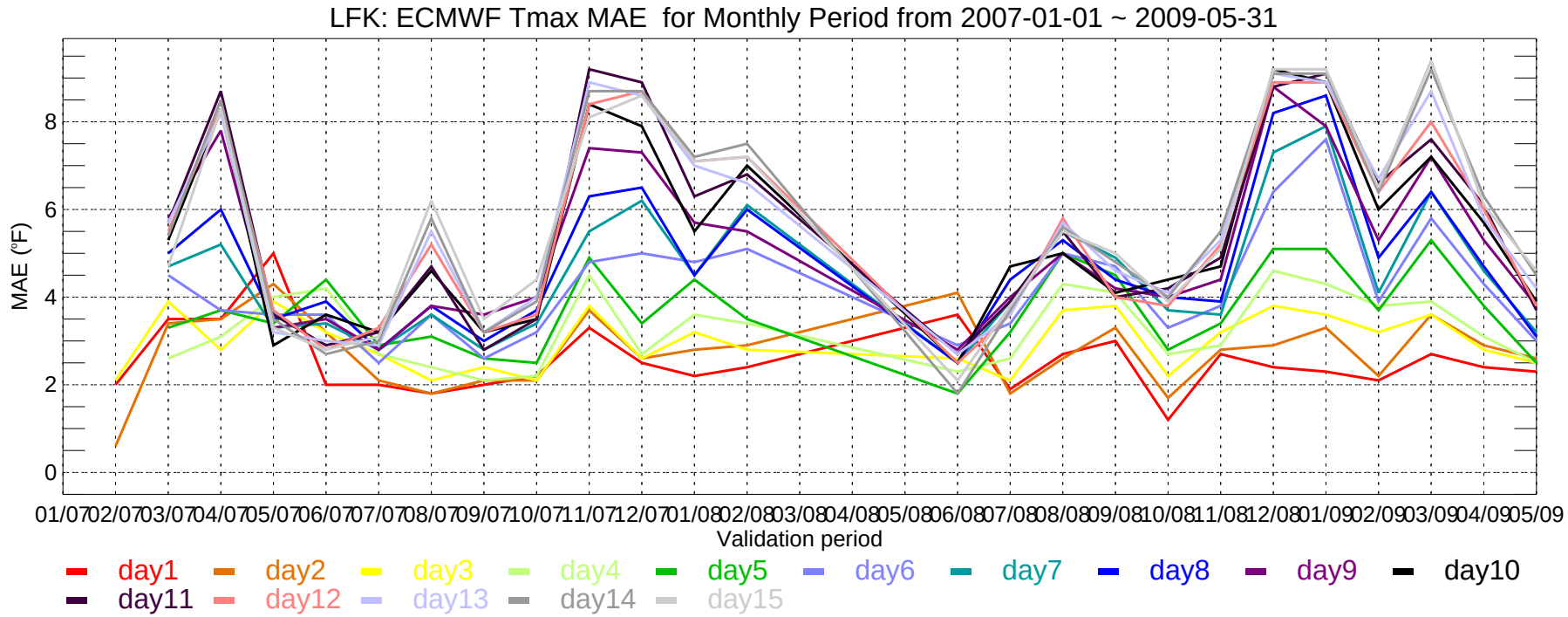

LAX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

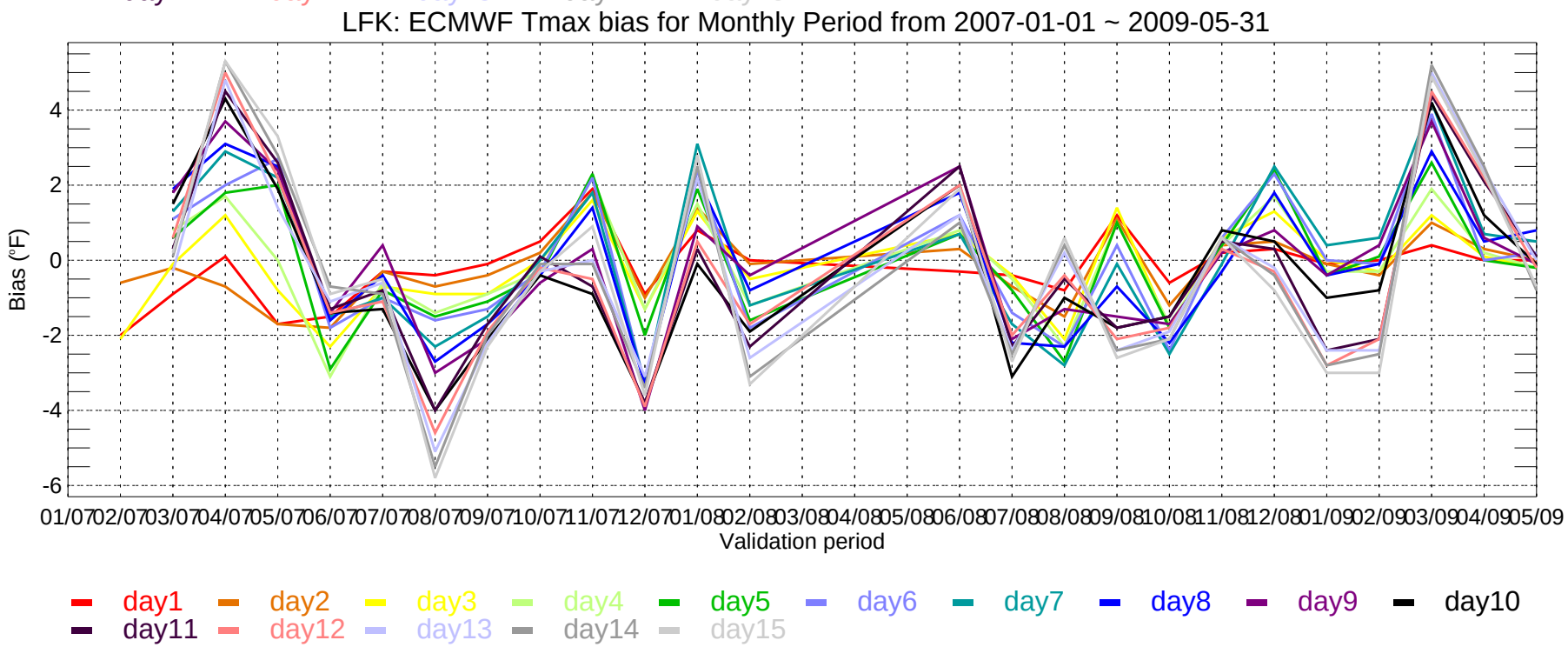

LEX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
30
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

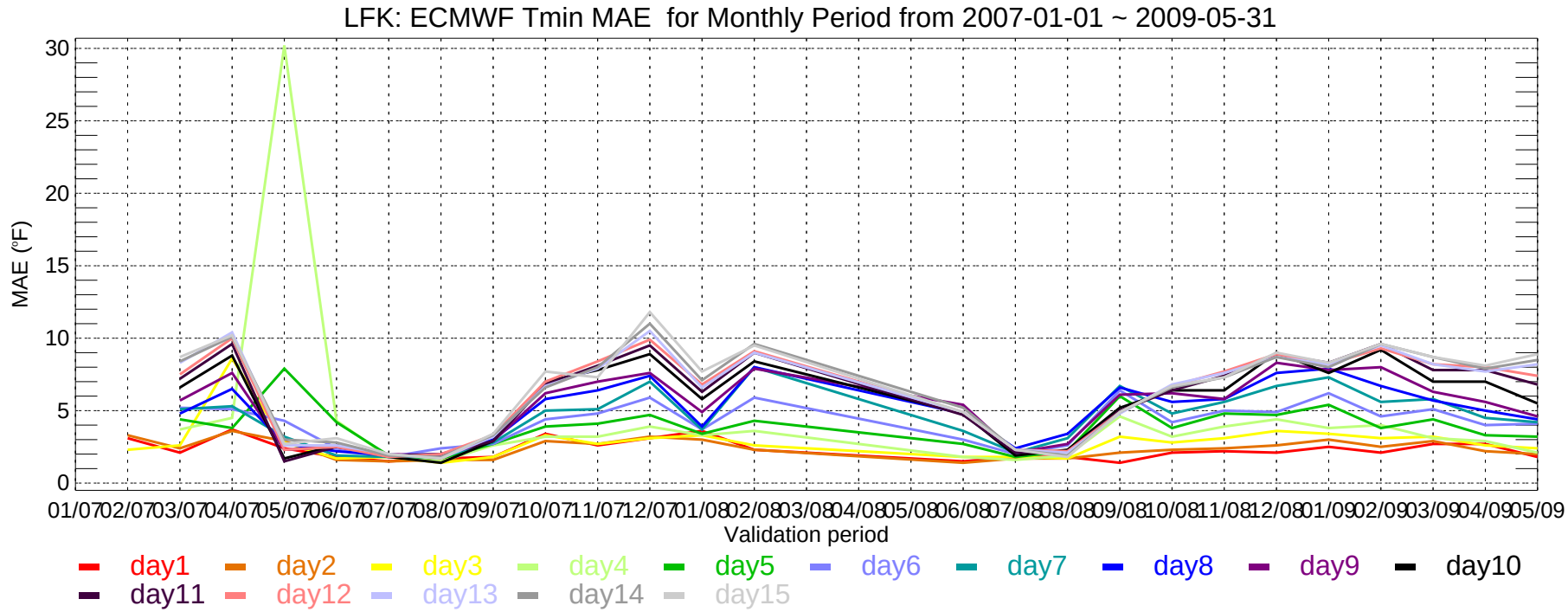

LEX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

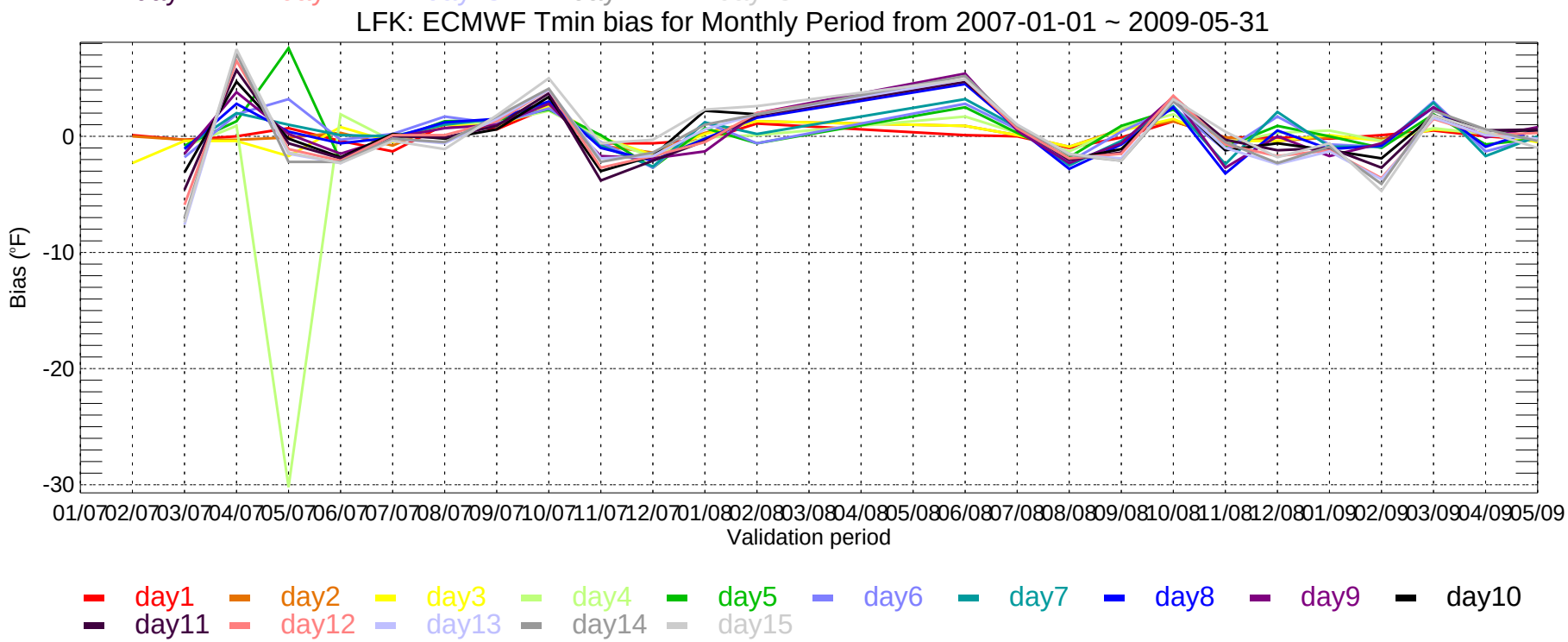

LEX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

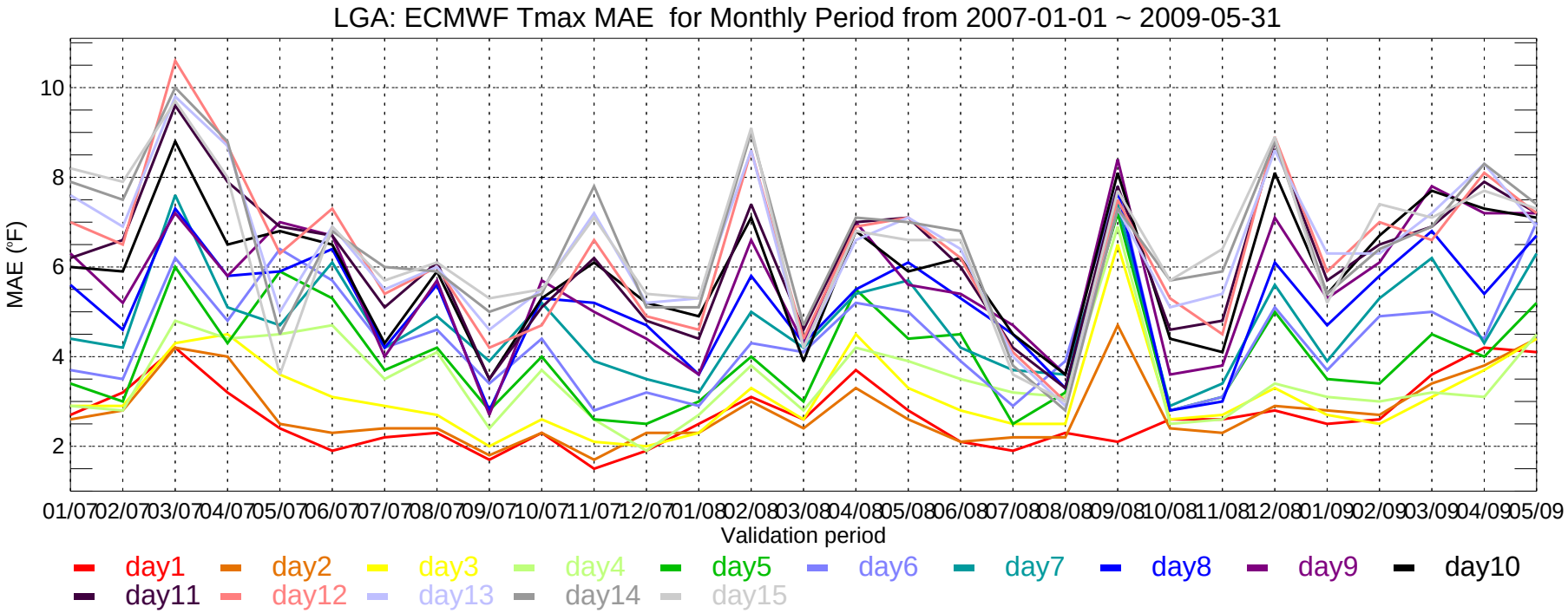

LEX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

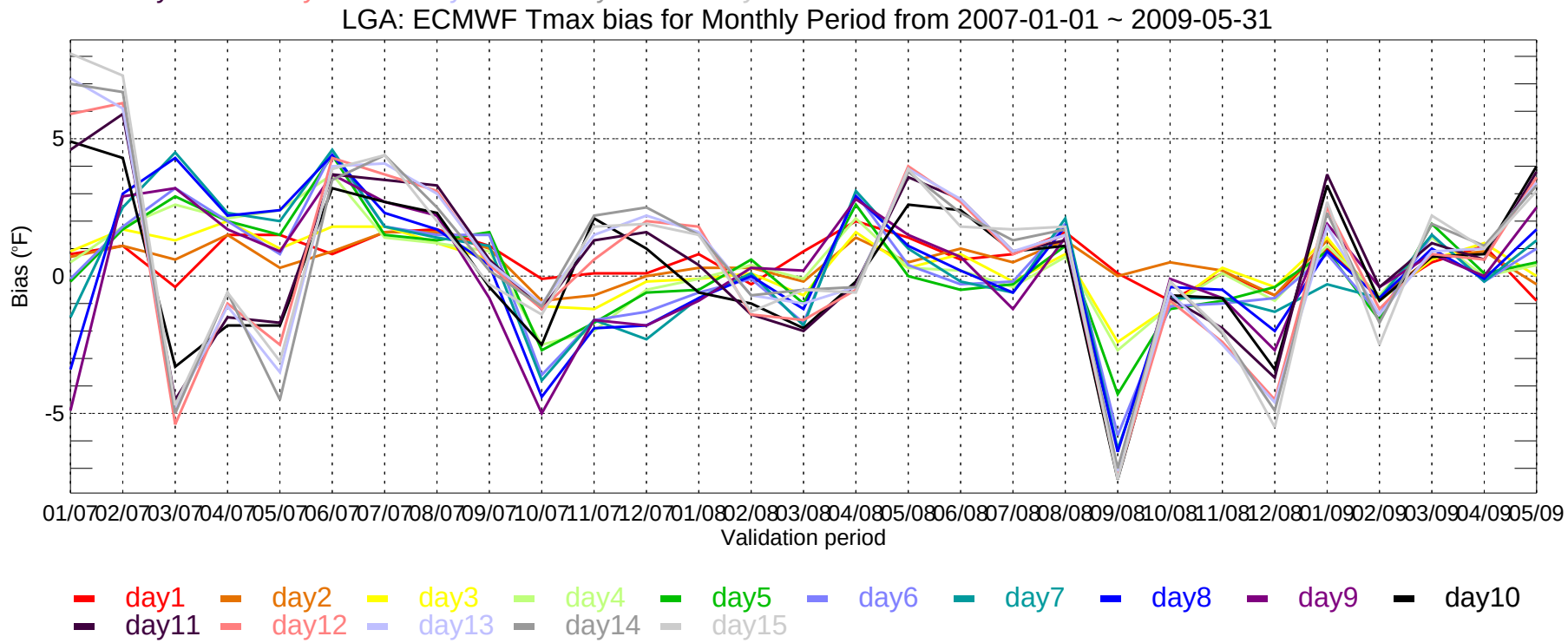

LFK: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

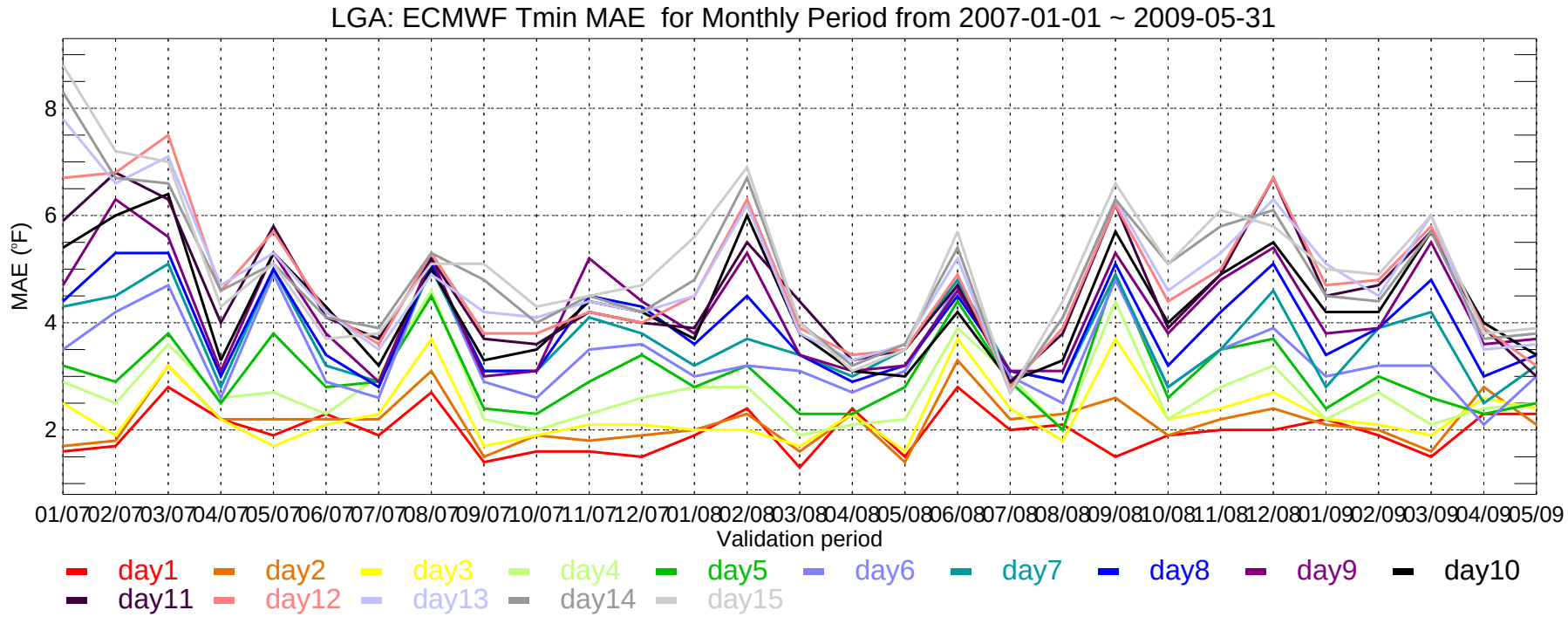

LFK: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

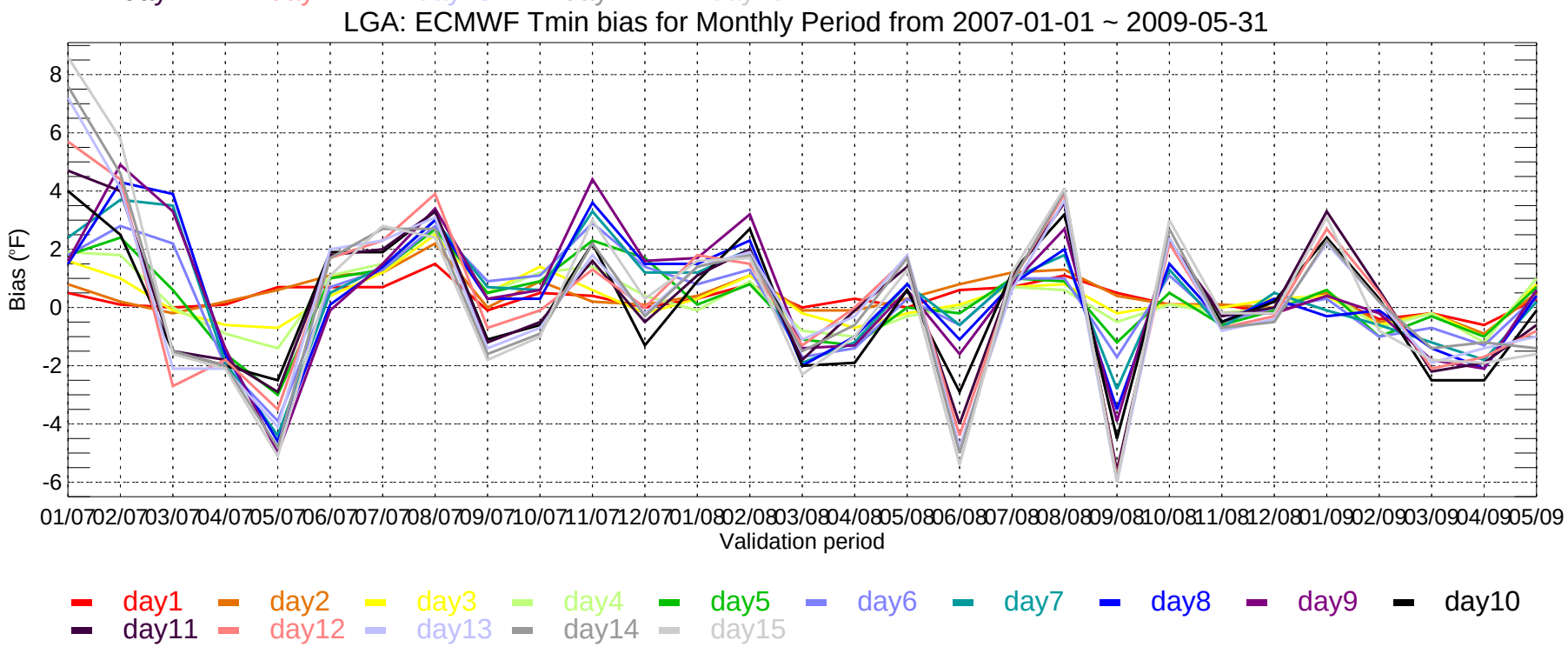

LFK: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
30
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

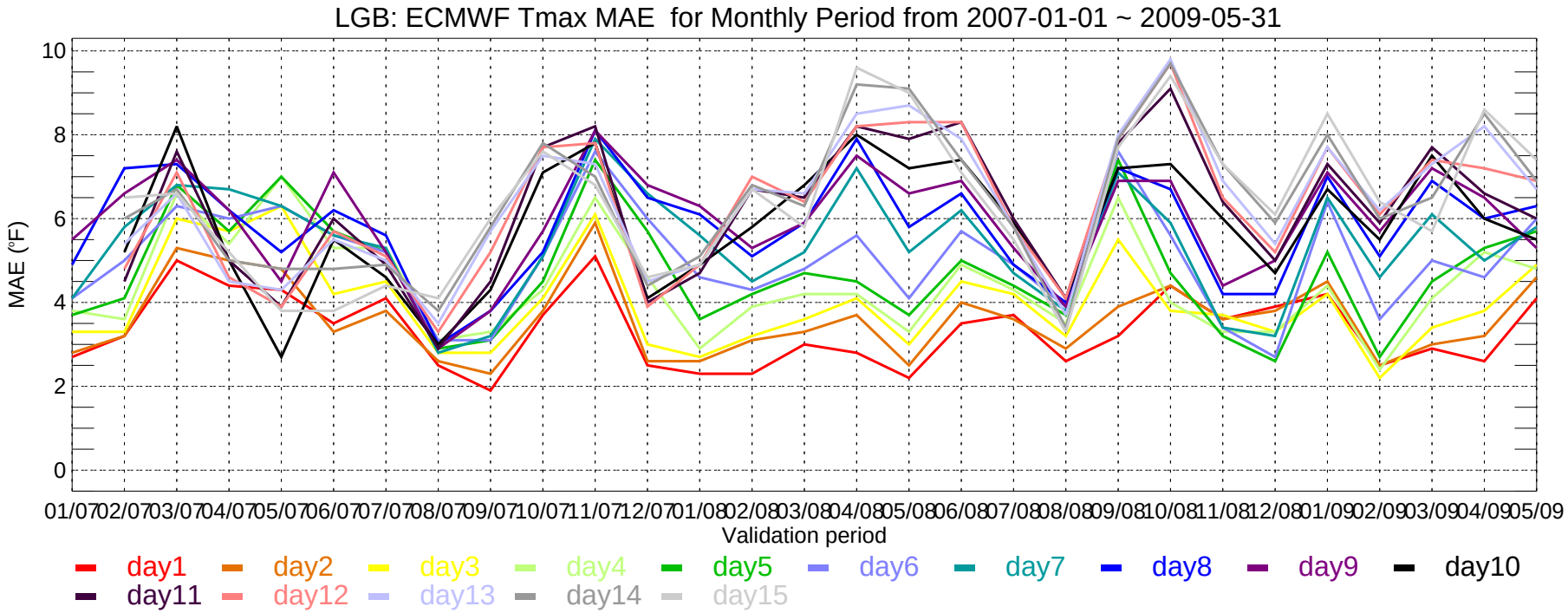

LFK: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
0
-10
-20
-30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

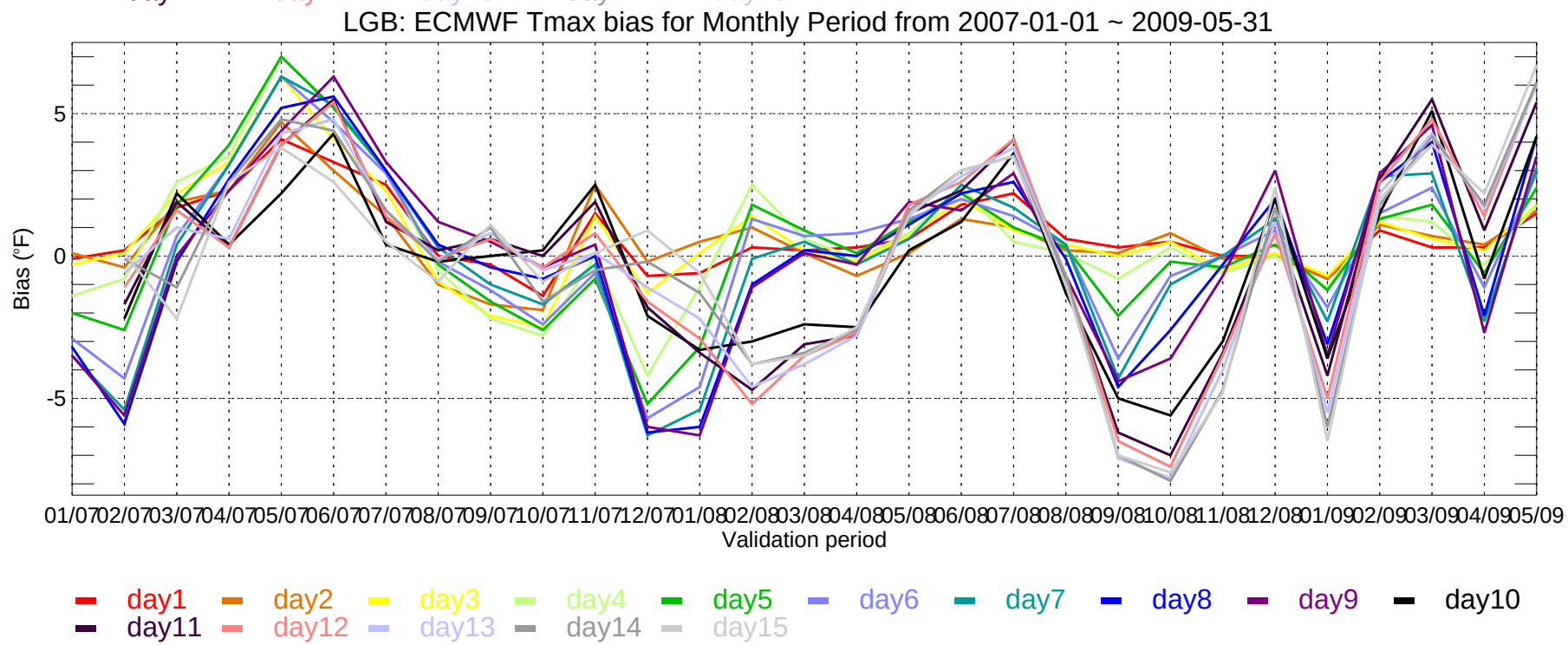

LGA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

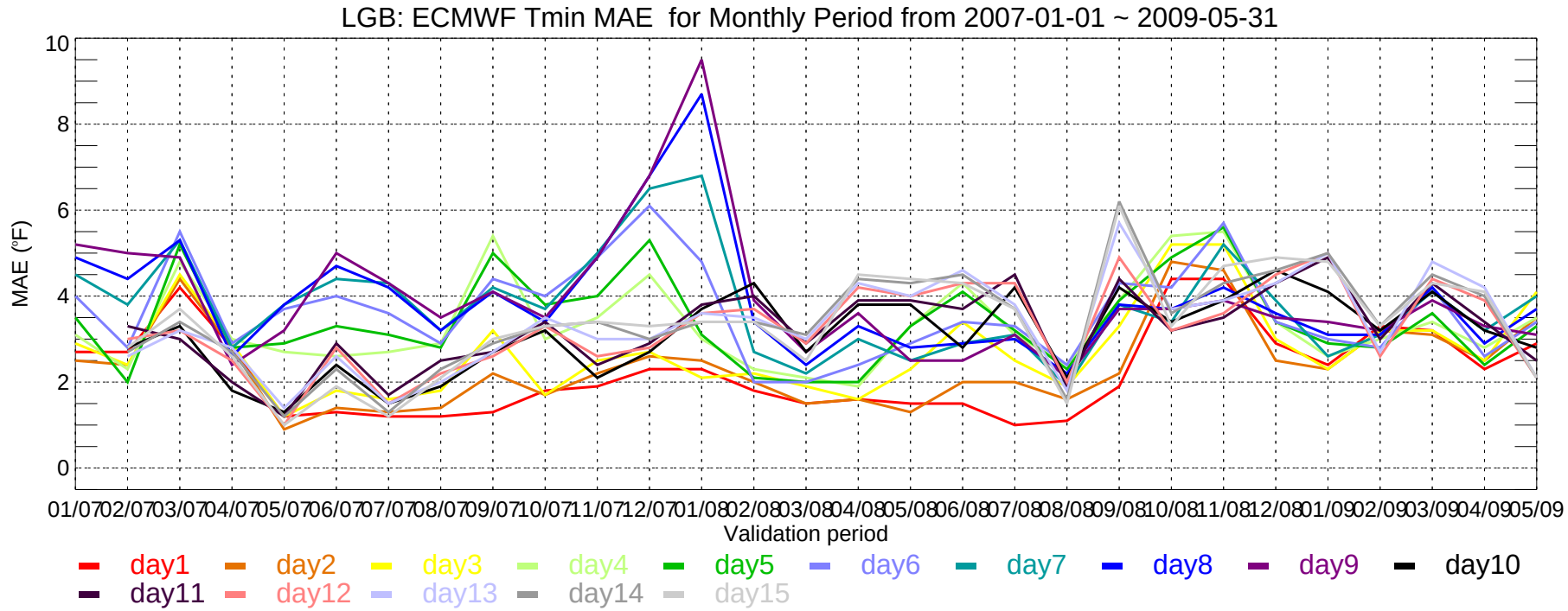

LGA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

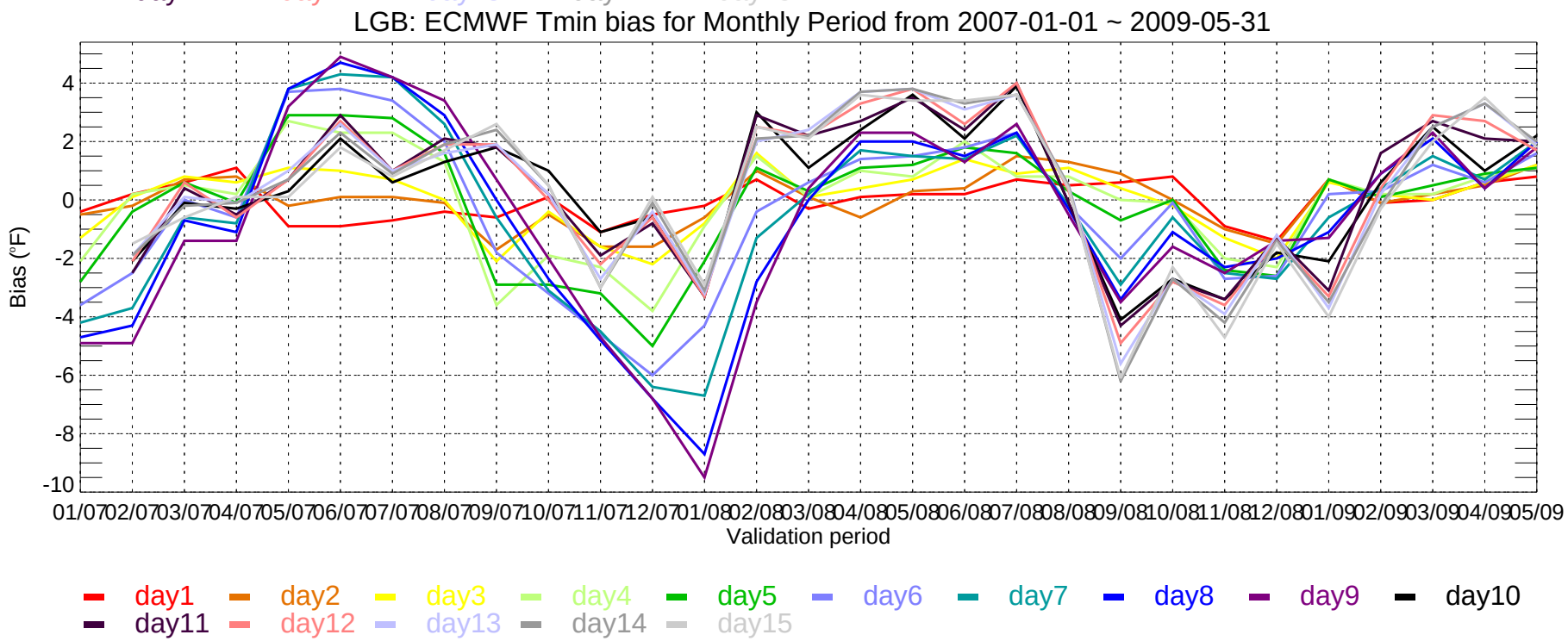

LGA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

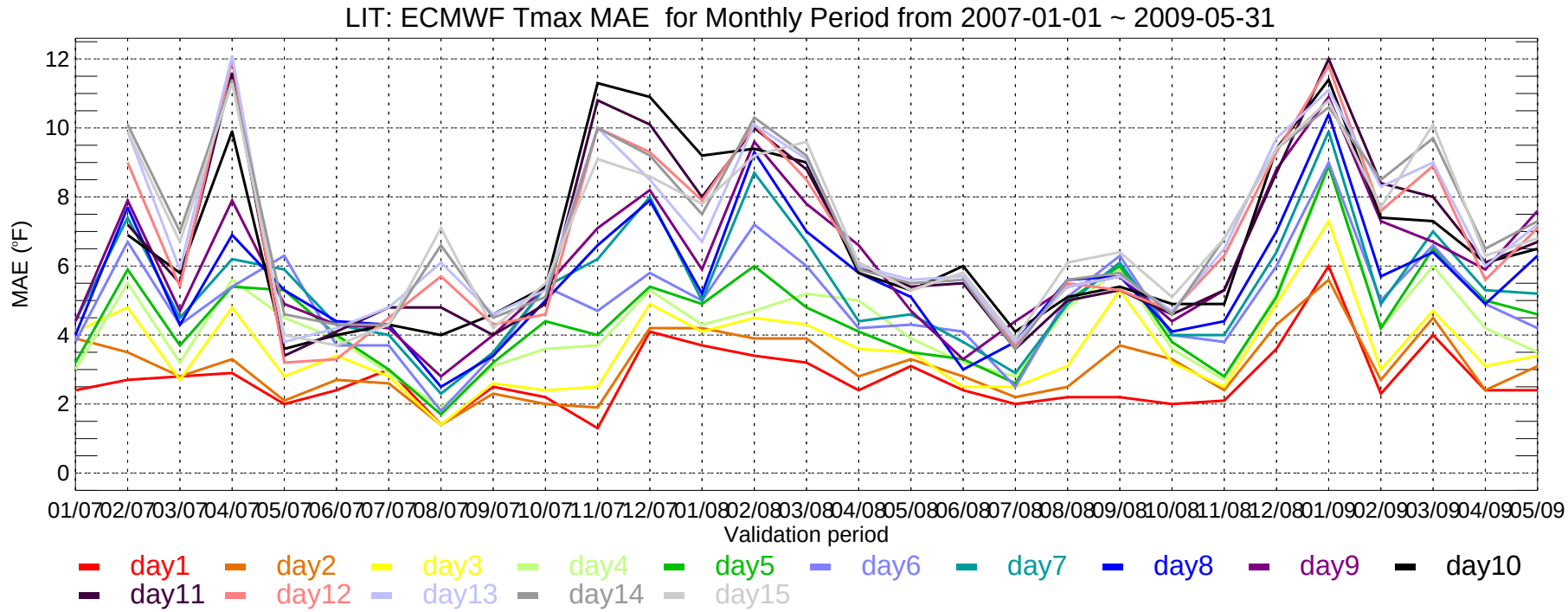

LGA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

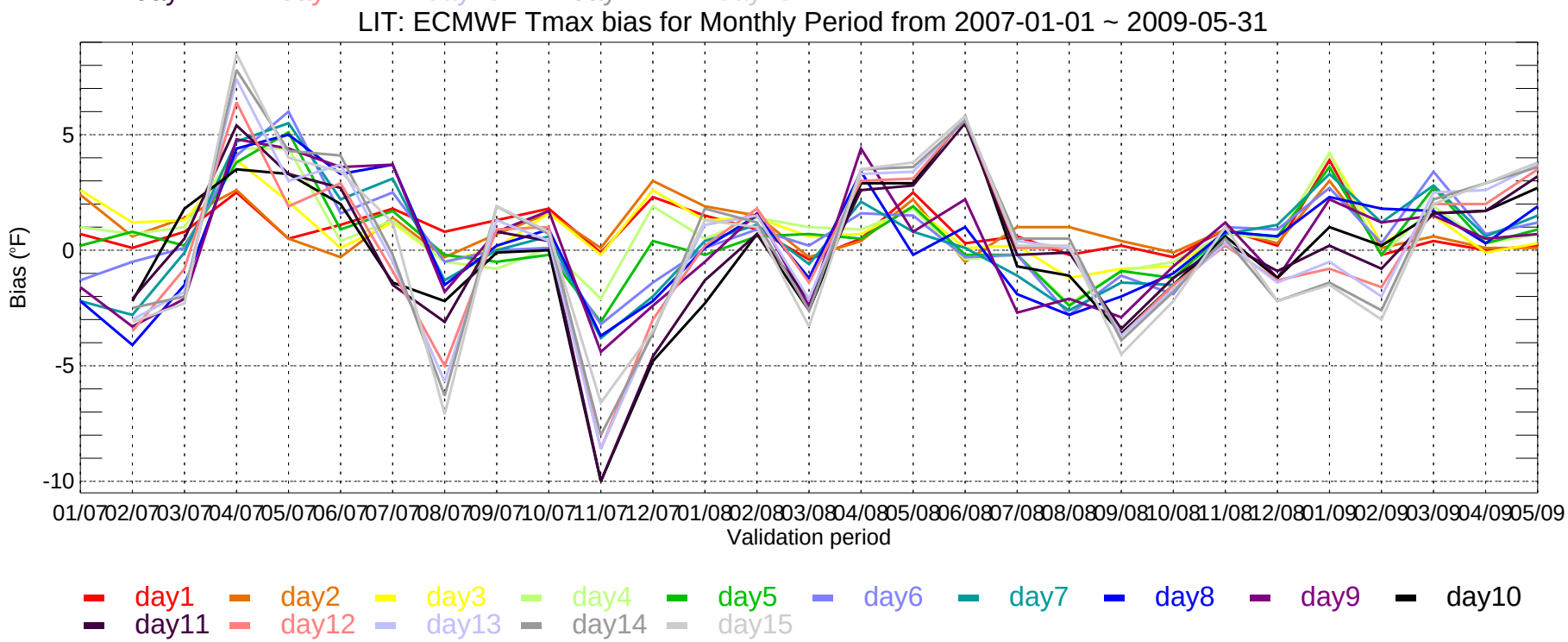

LGB: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

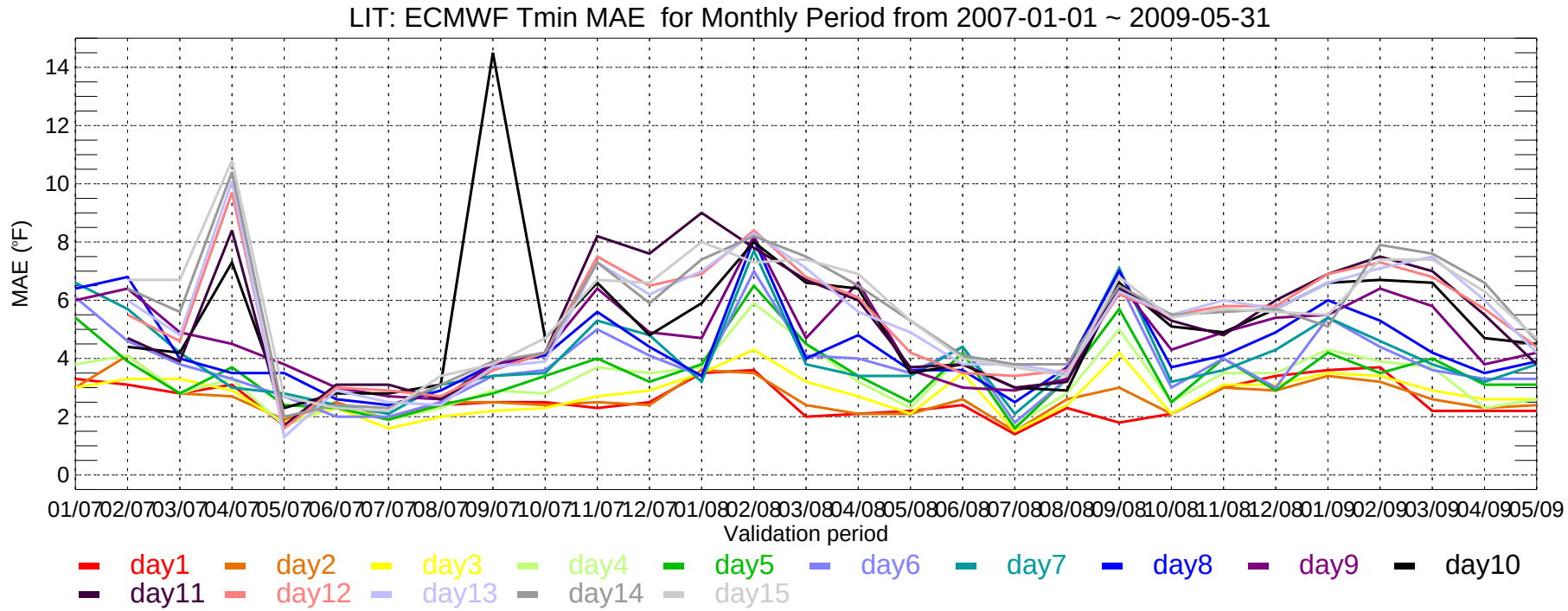

LGB: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

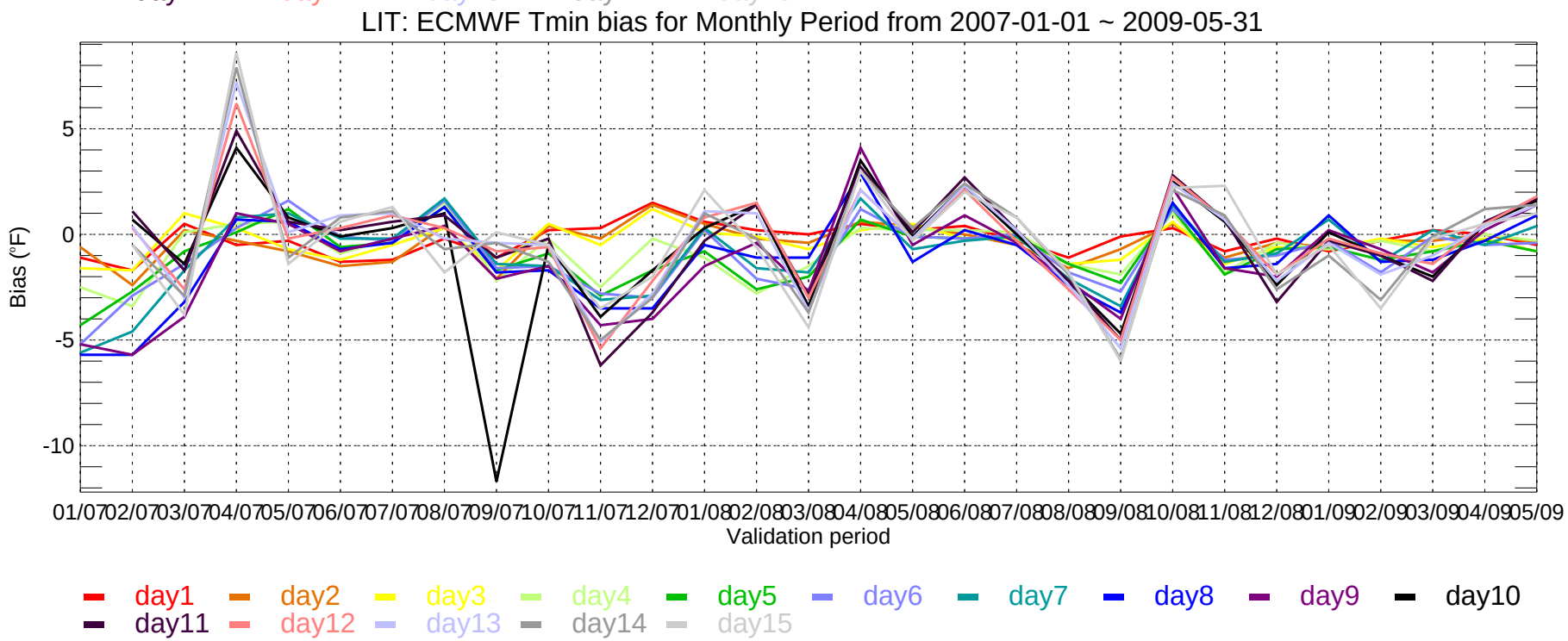

LGB: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

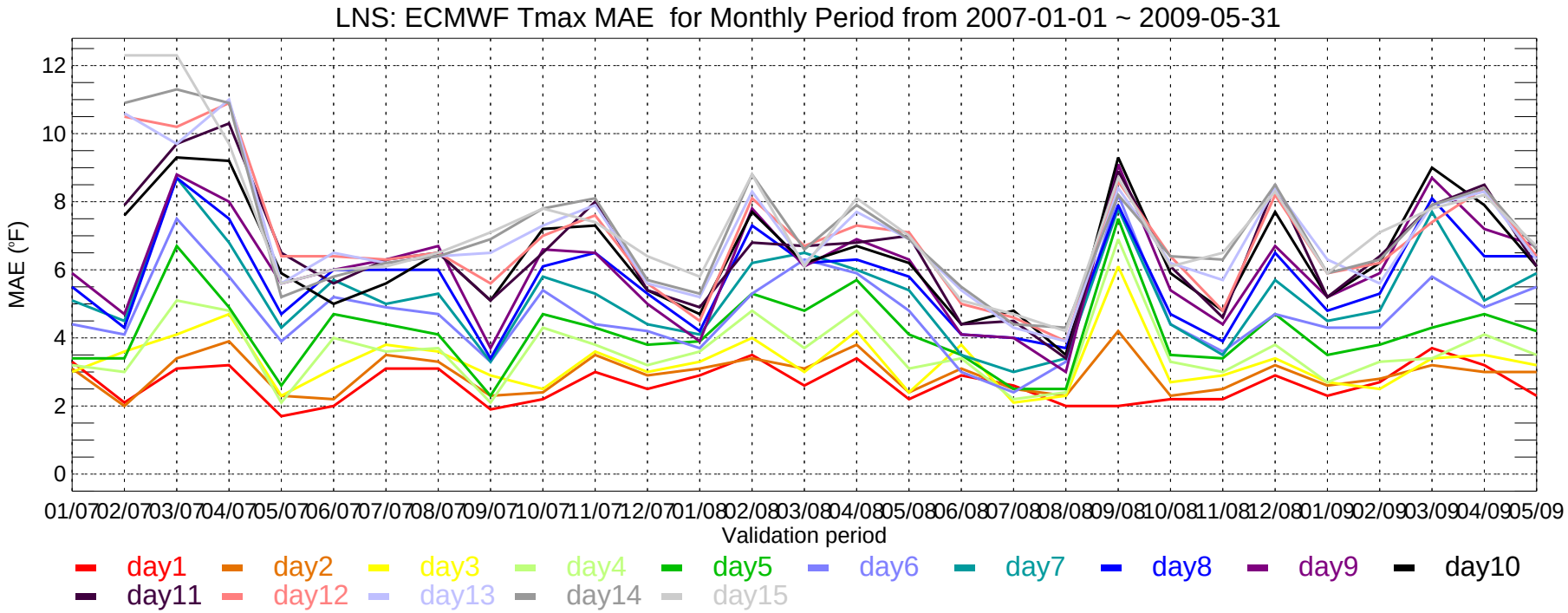

LGB: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

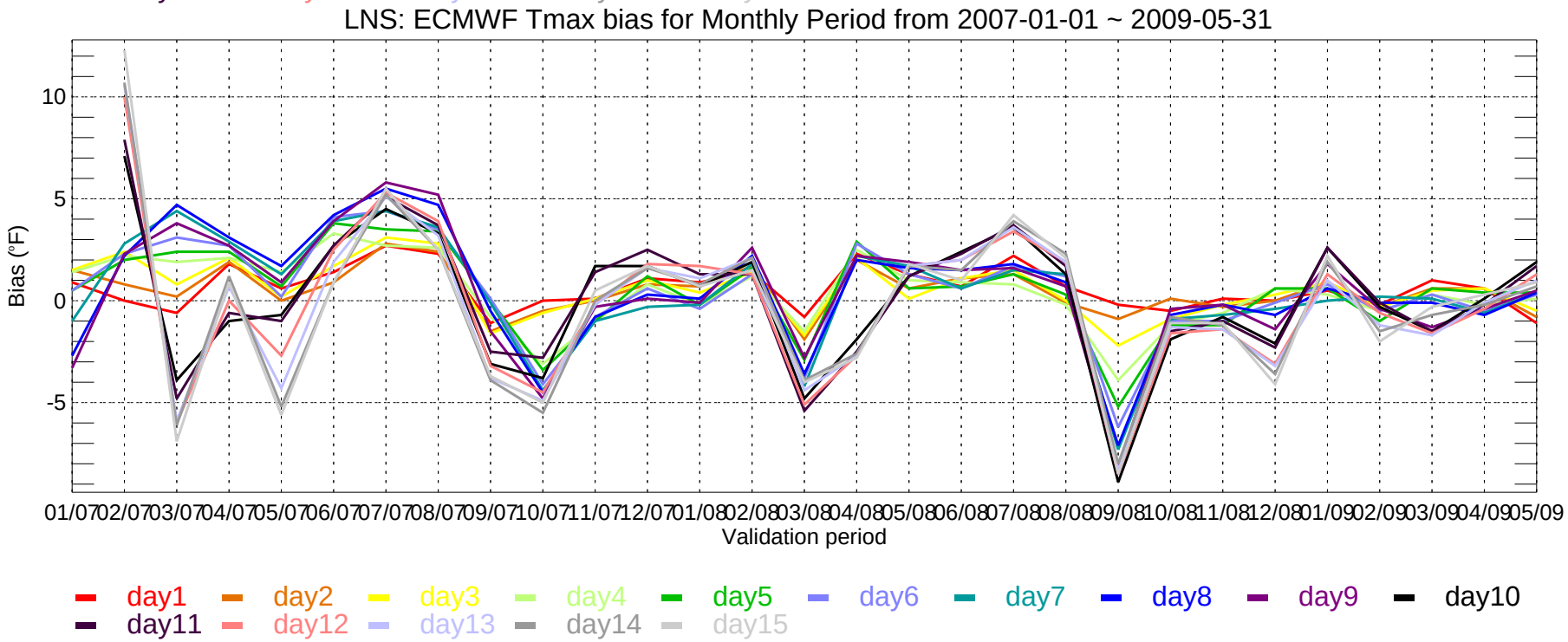

LIT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

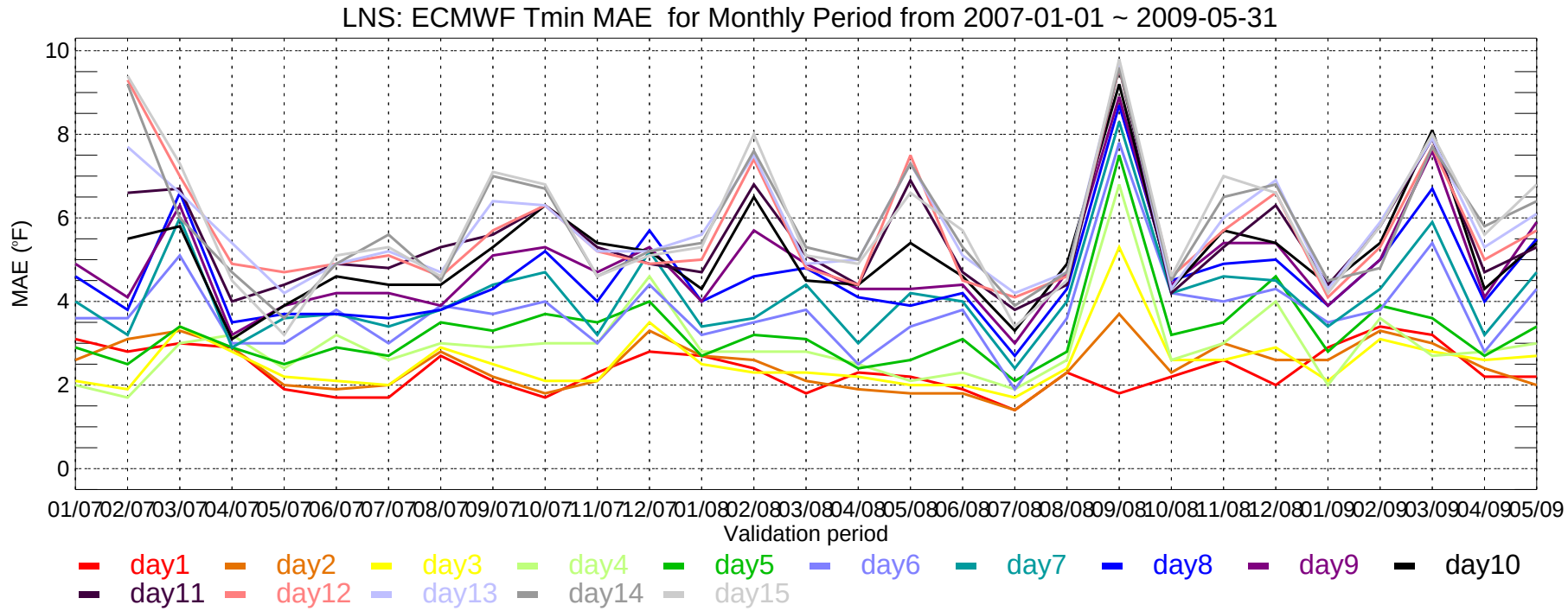

LIT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

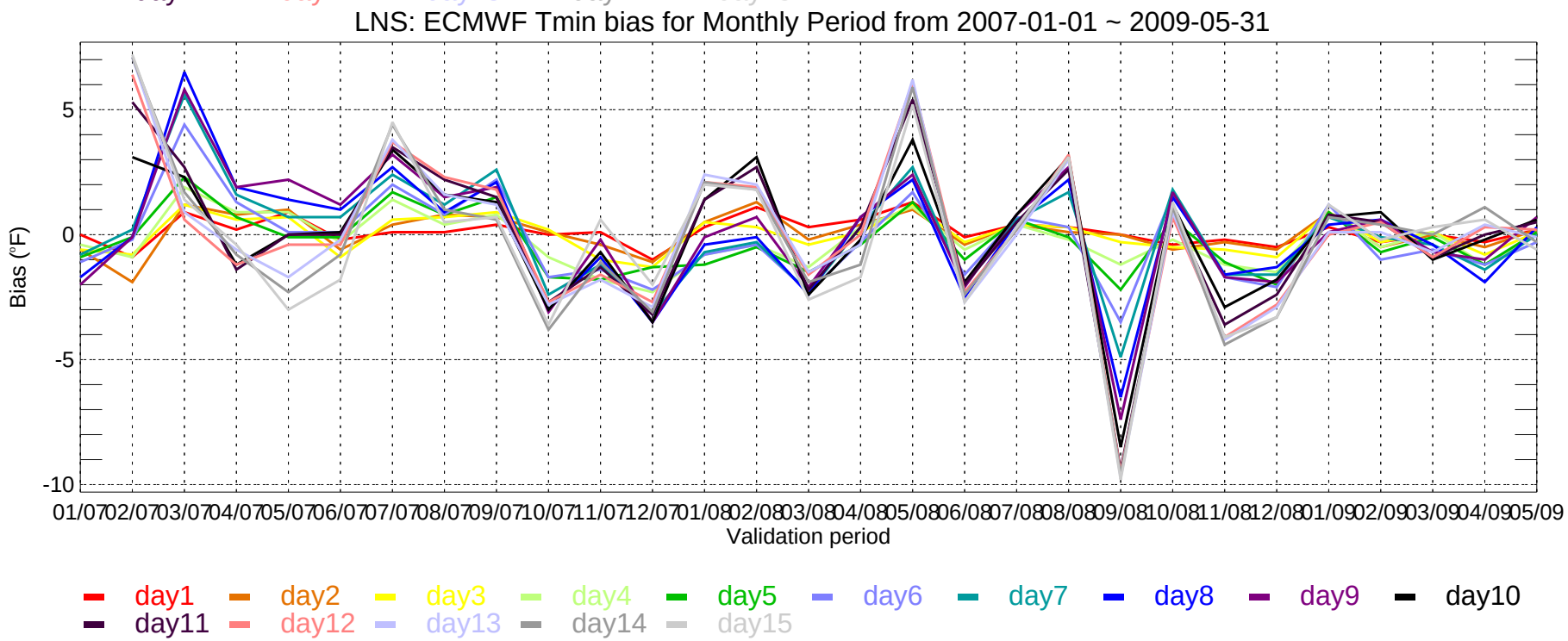

LIT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

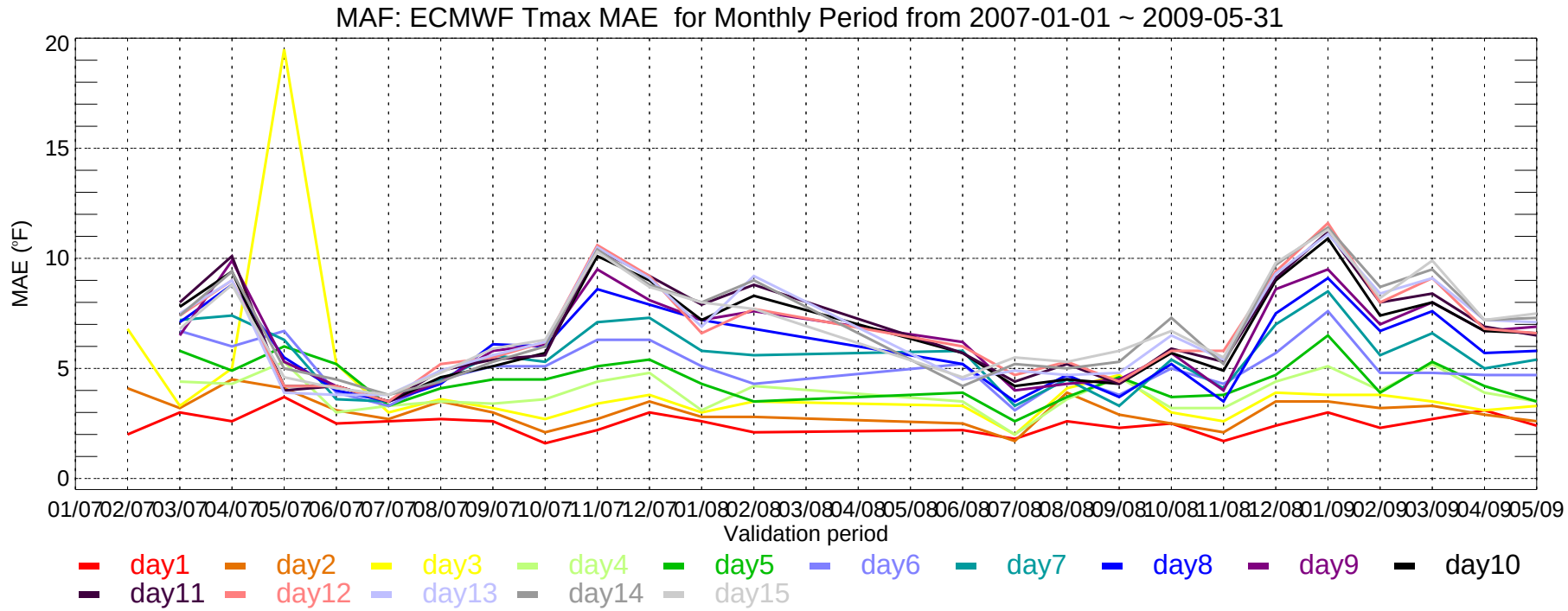

LIT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

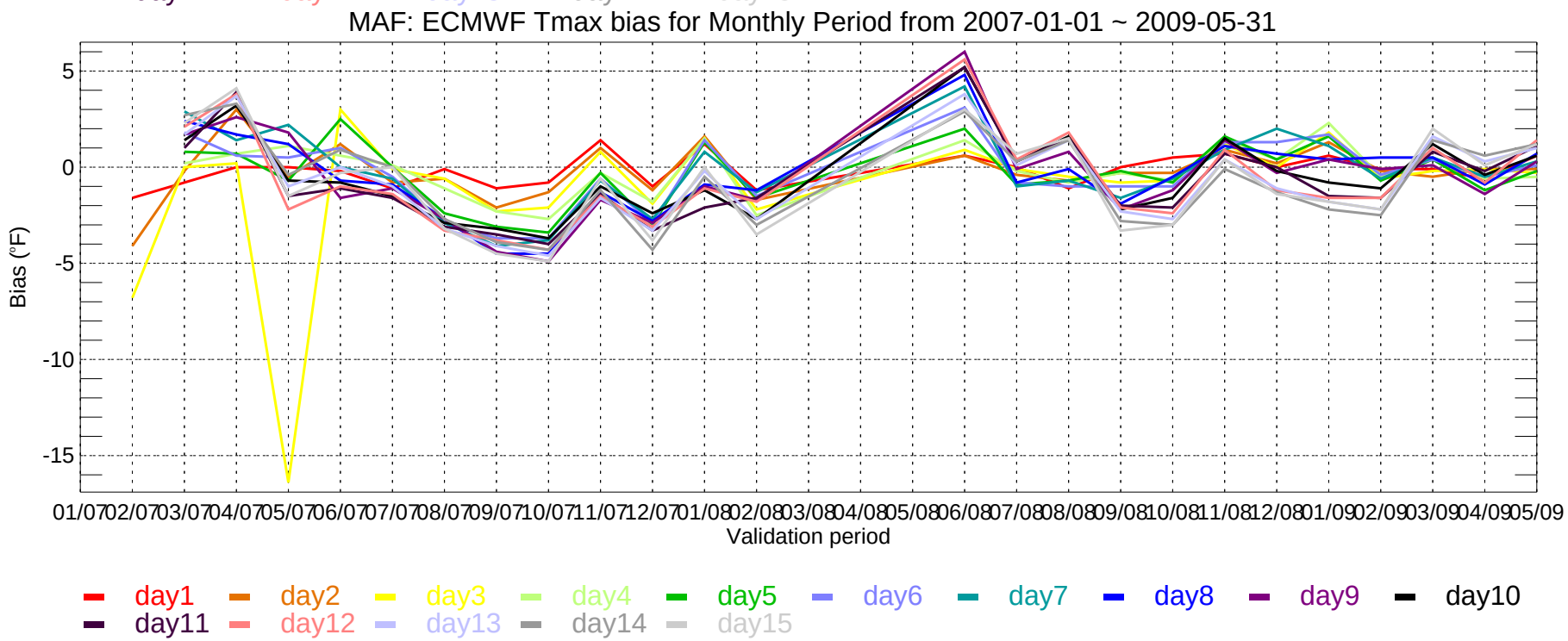

LNS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

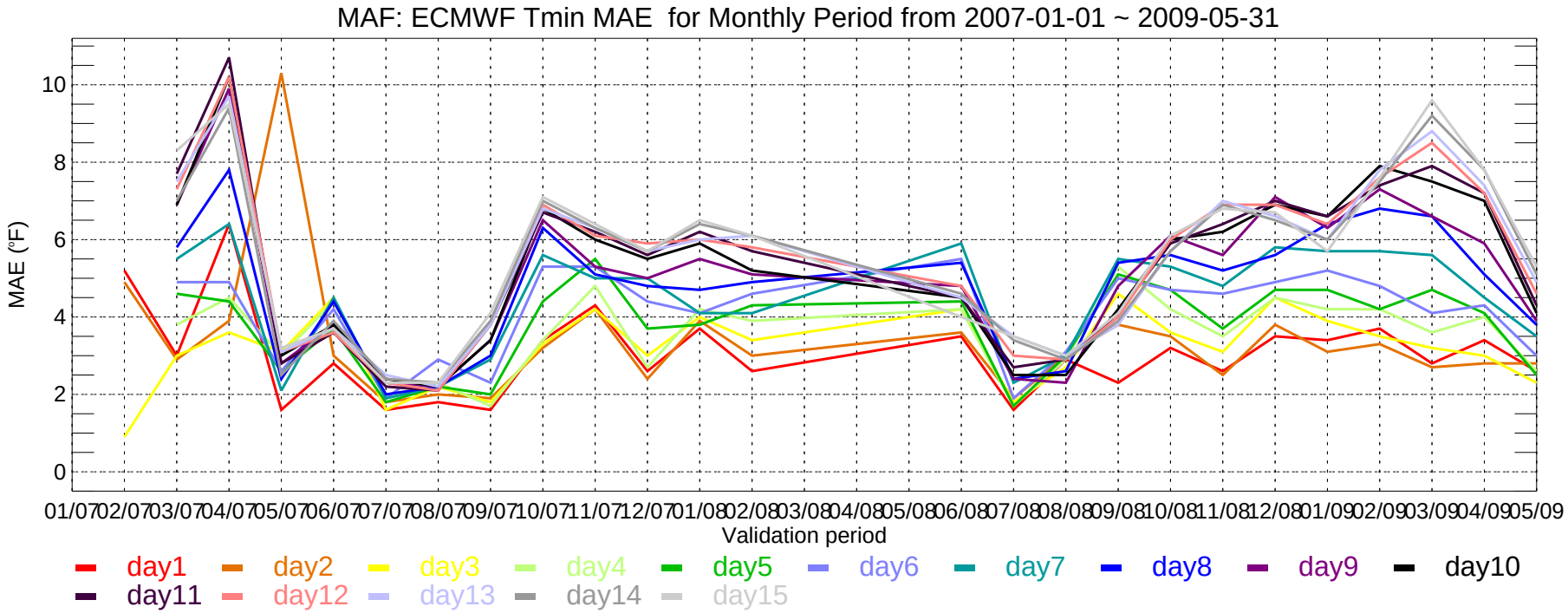

LNS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

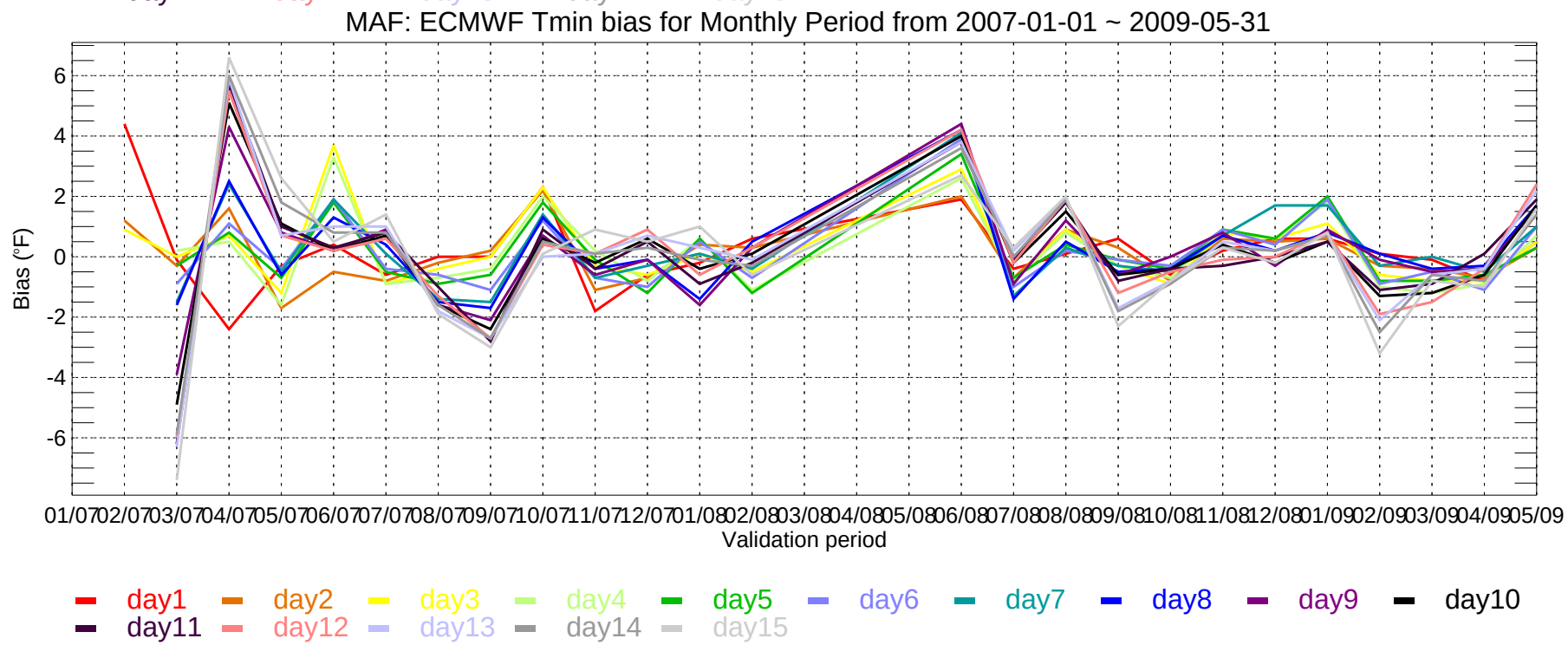

LNS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

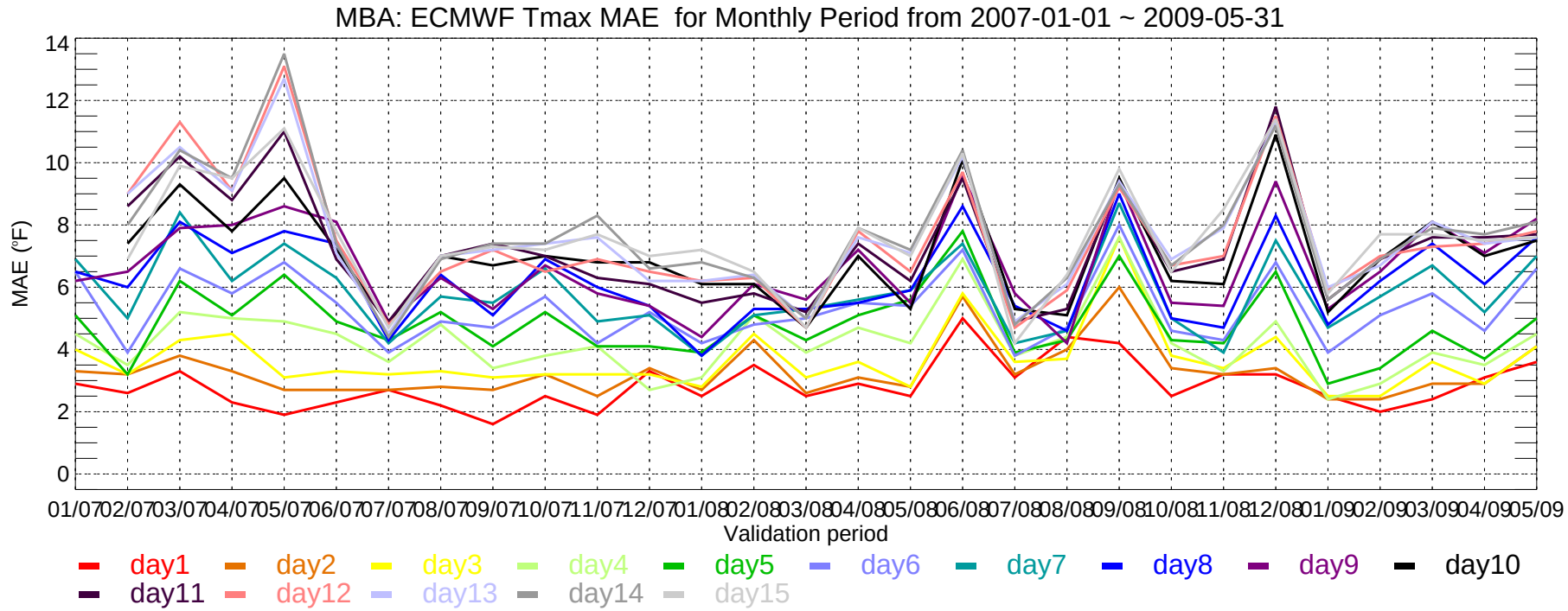

LNS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

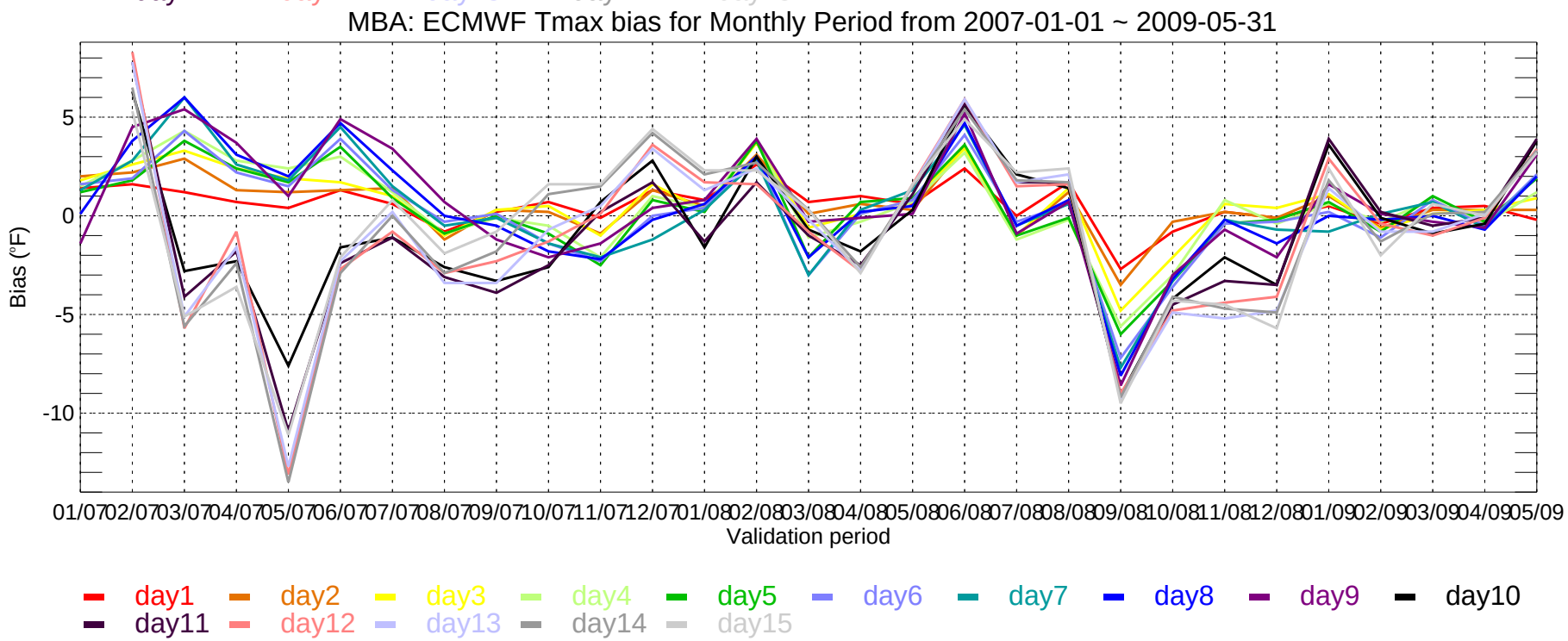

MAF: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

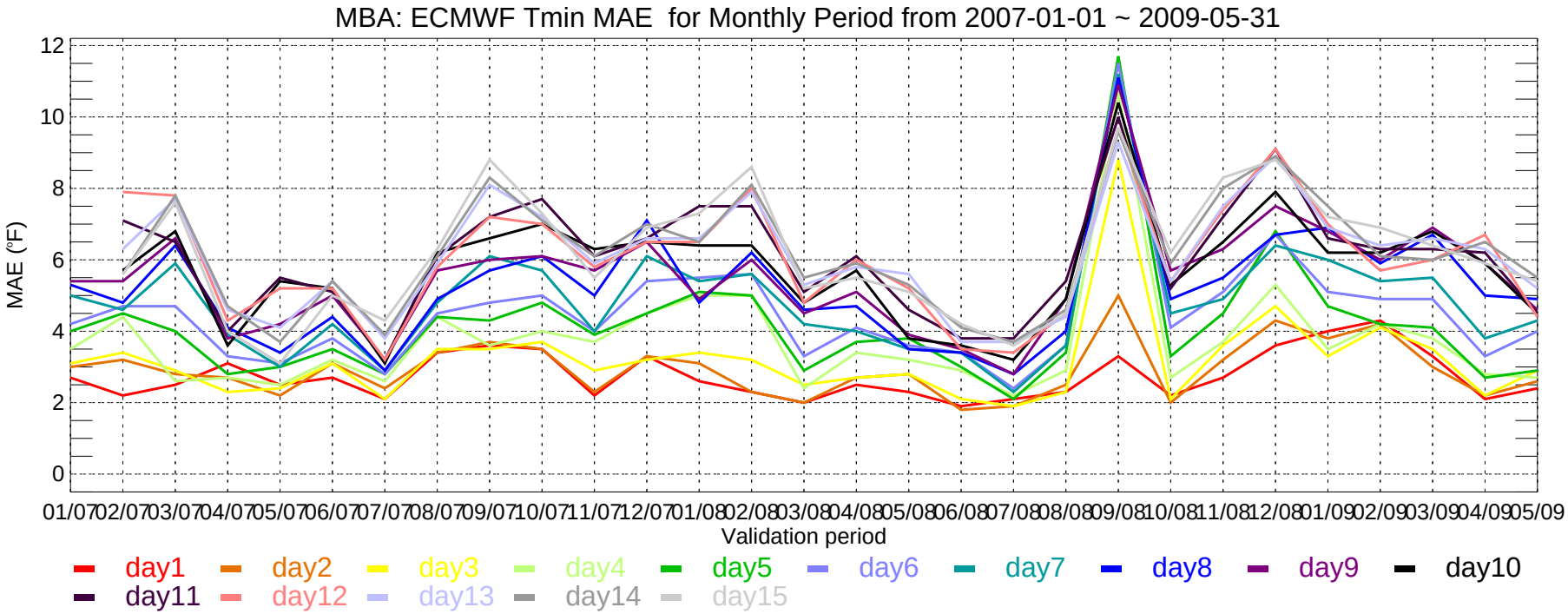

MAF: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

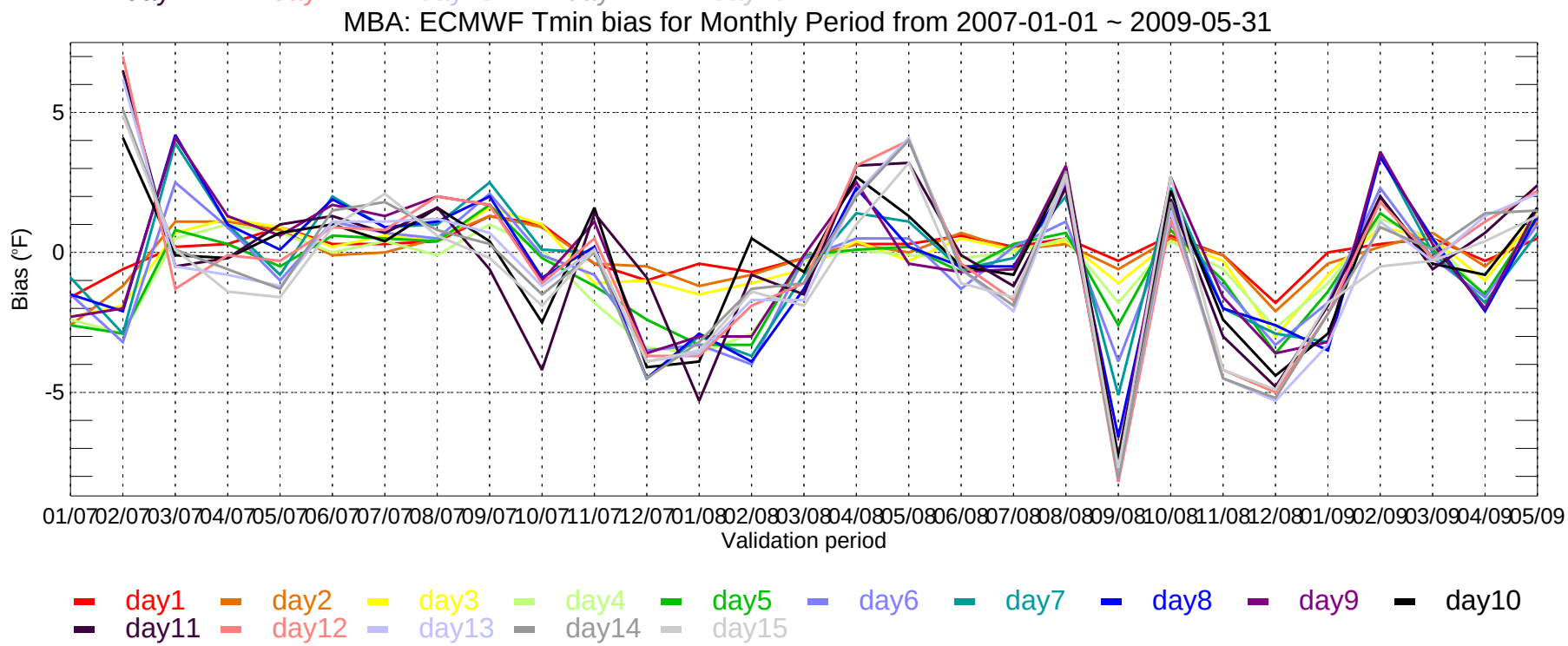

MAF: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

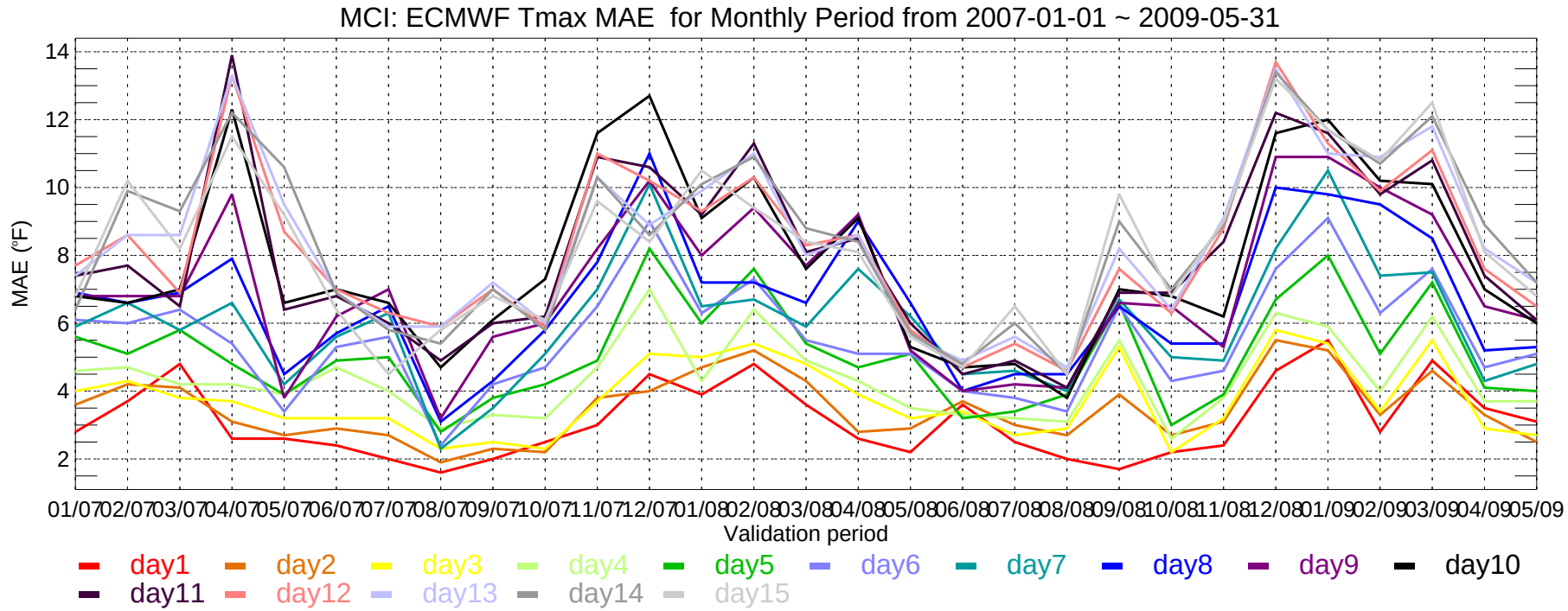

MAF: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

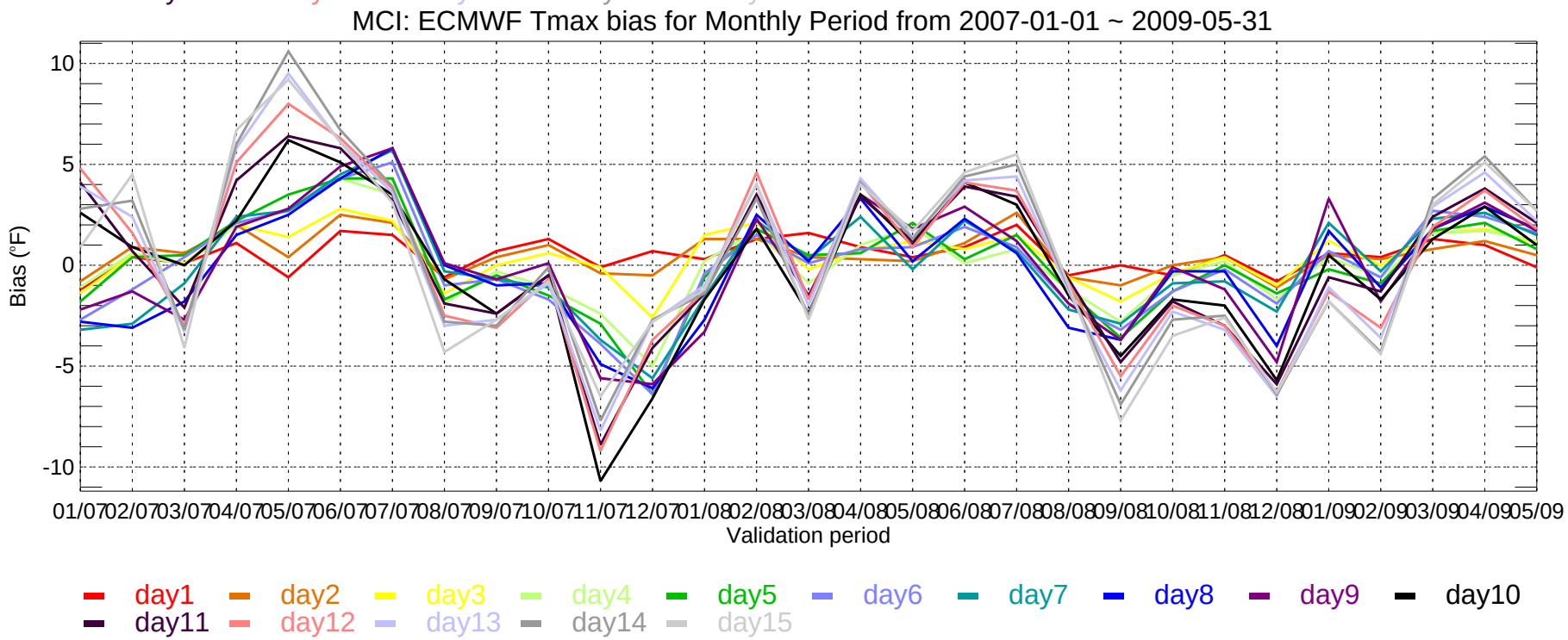

MBA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

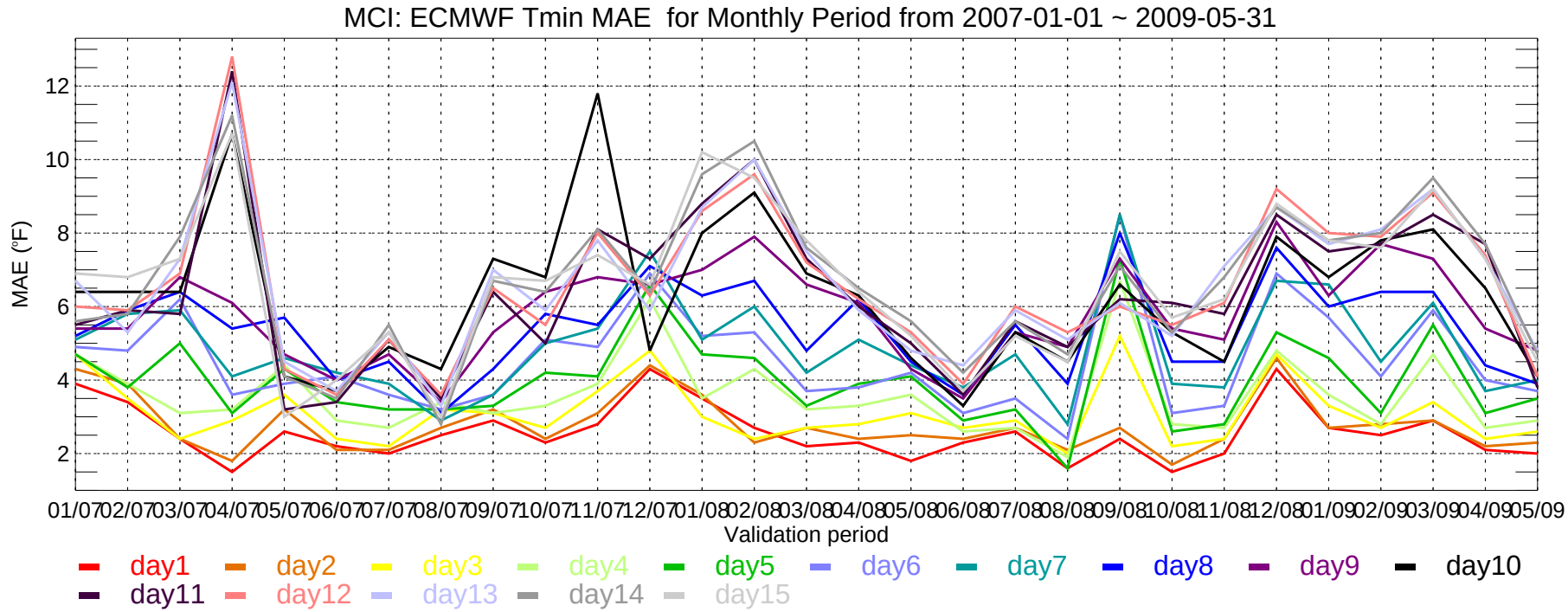

MBA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

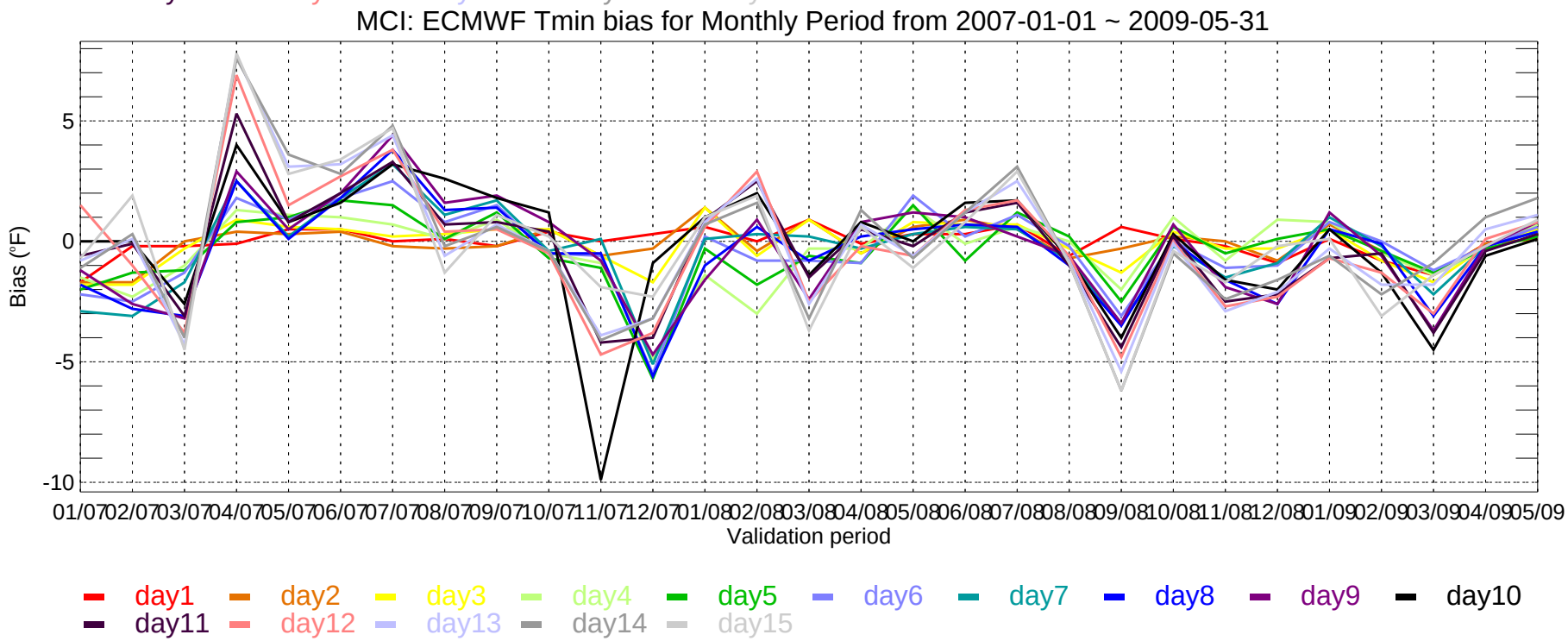

MBA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

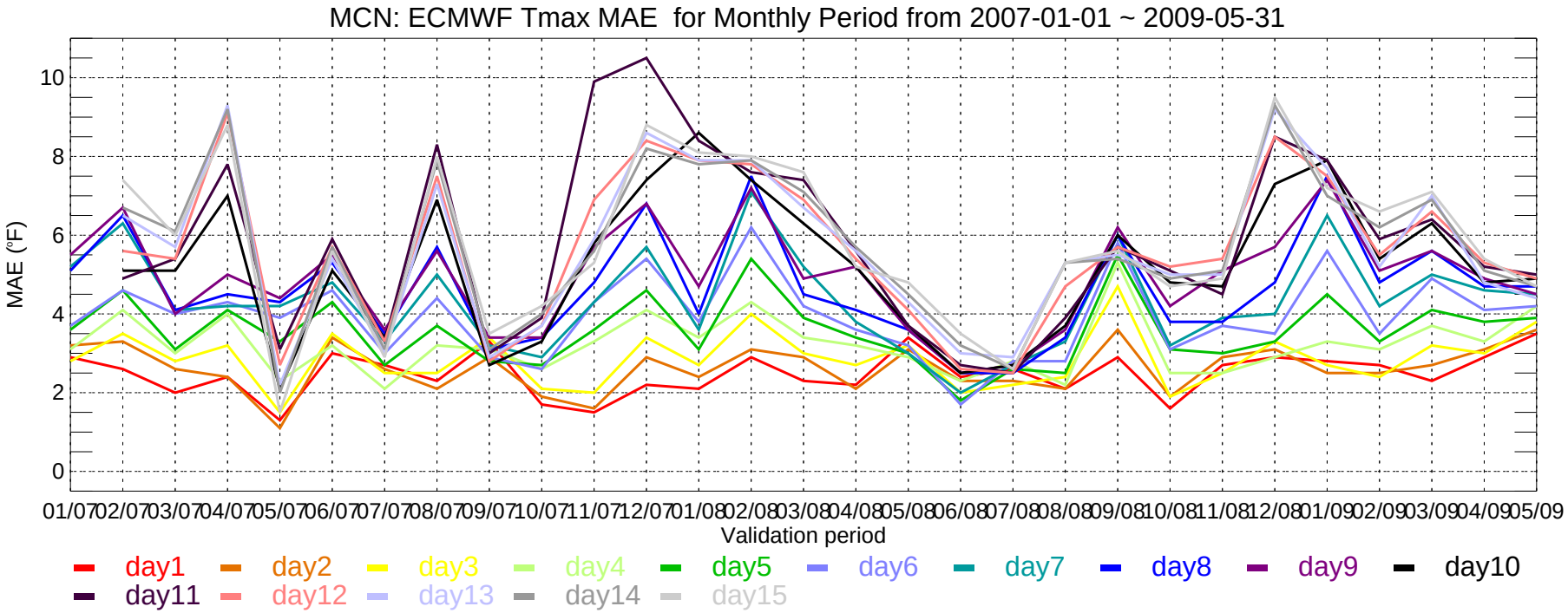

MBA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

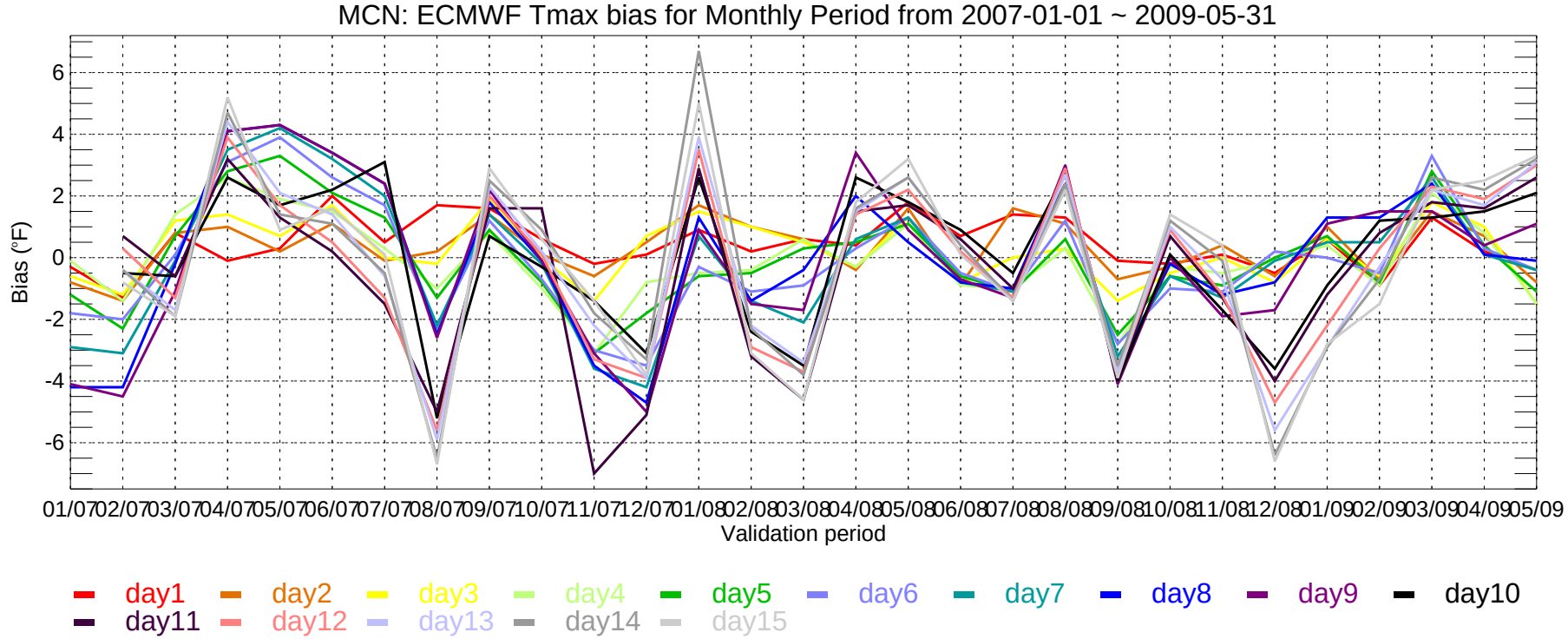

MCI: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

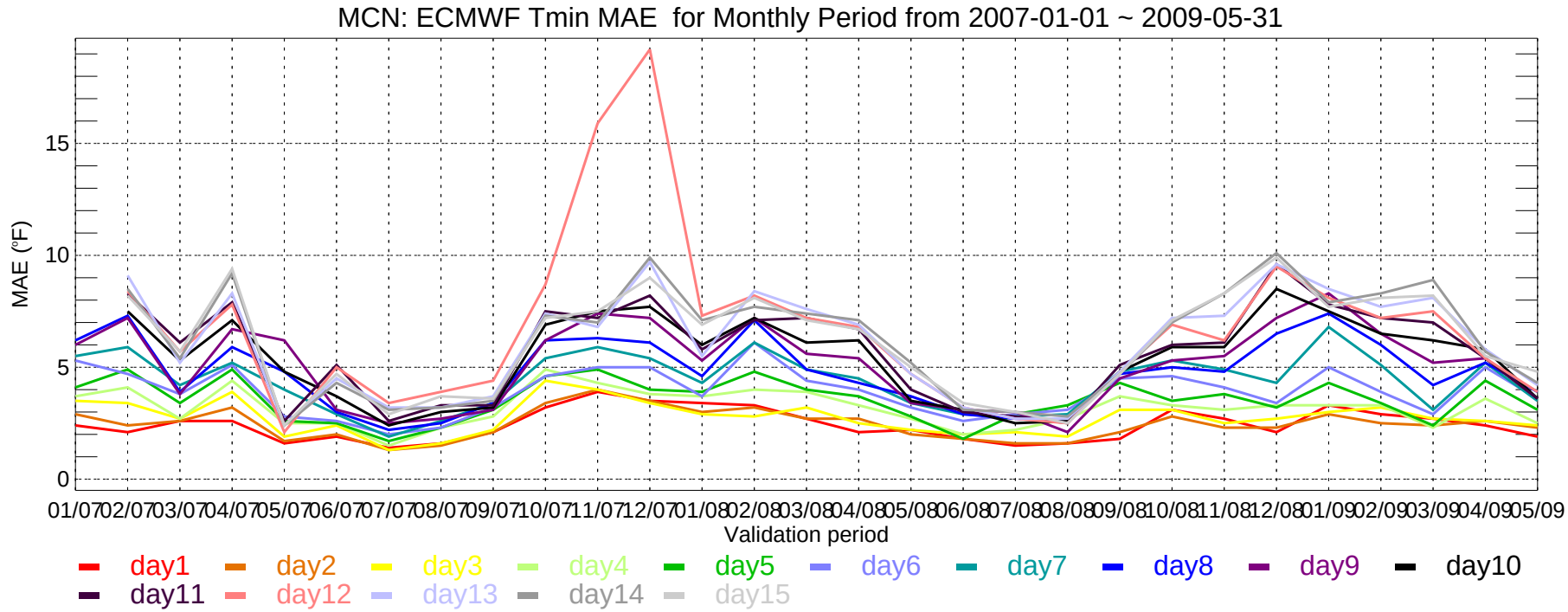

MCI: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

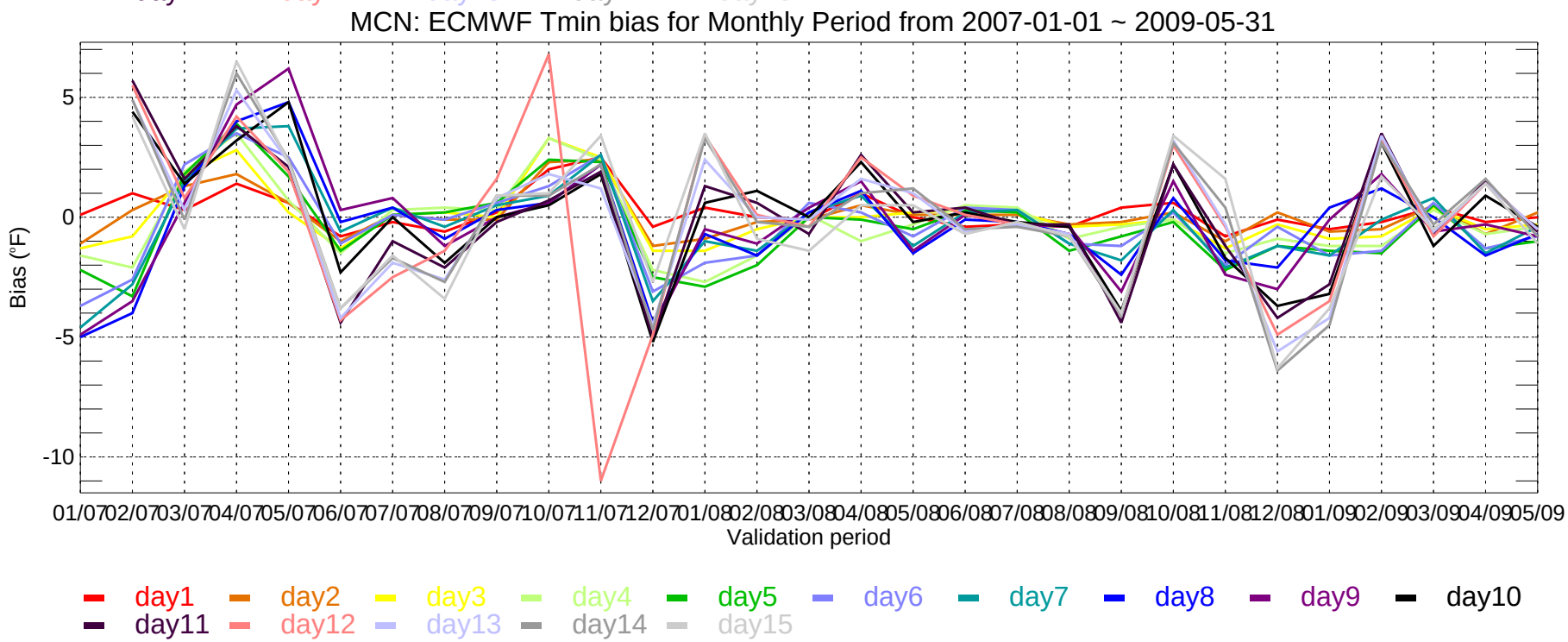

MCI: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

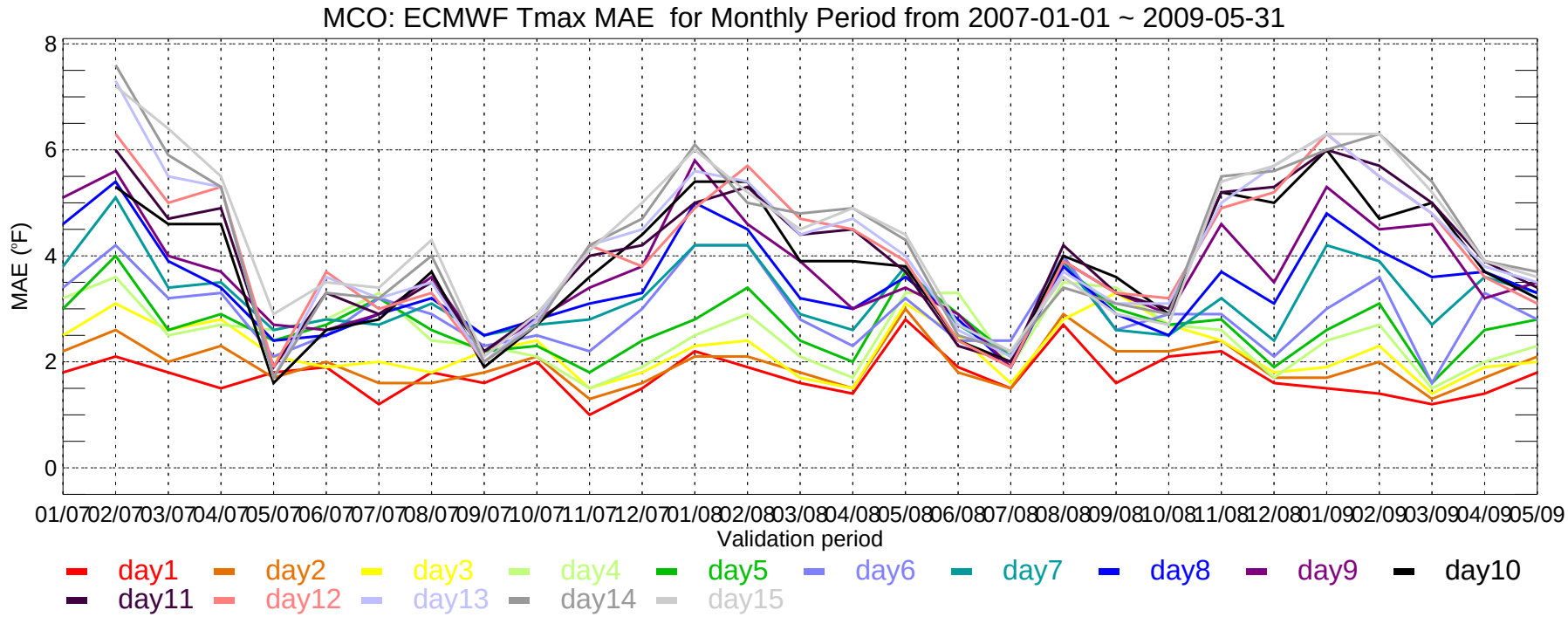

MCI: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

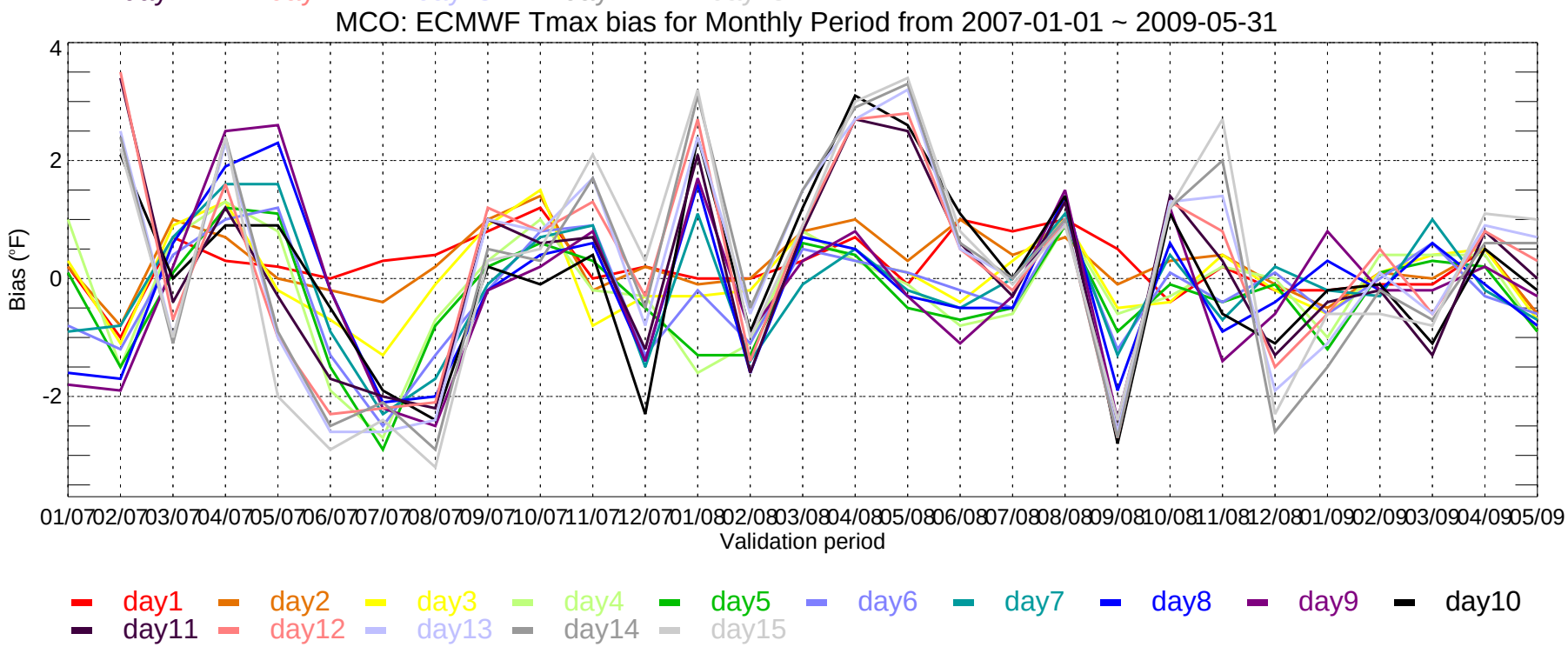

MCN: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

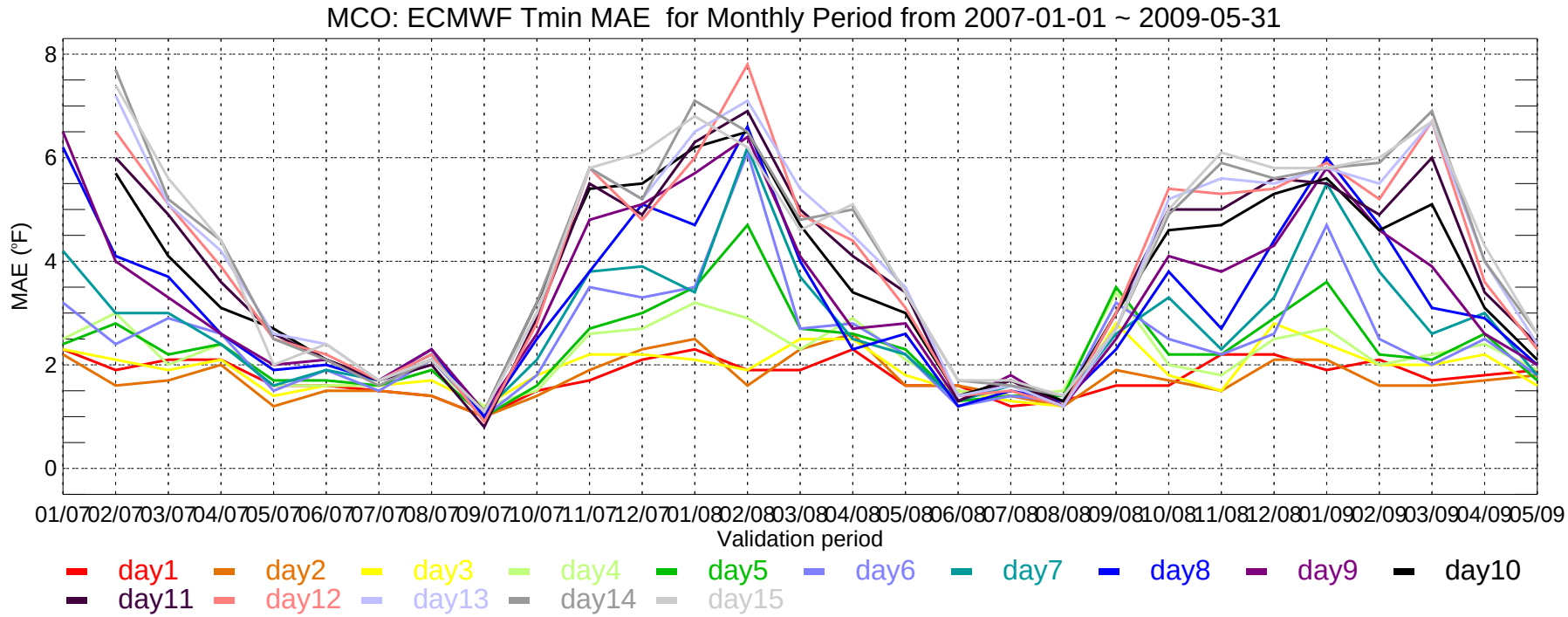

MCN: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

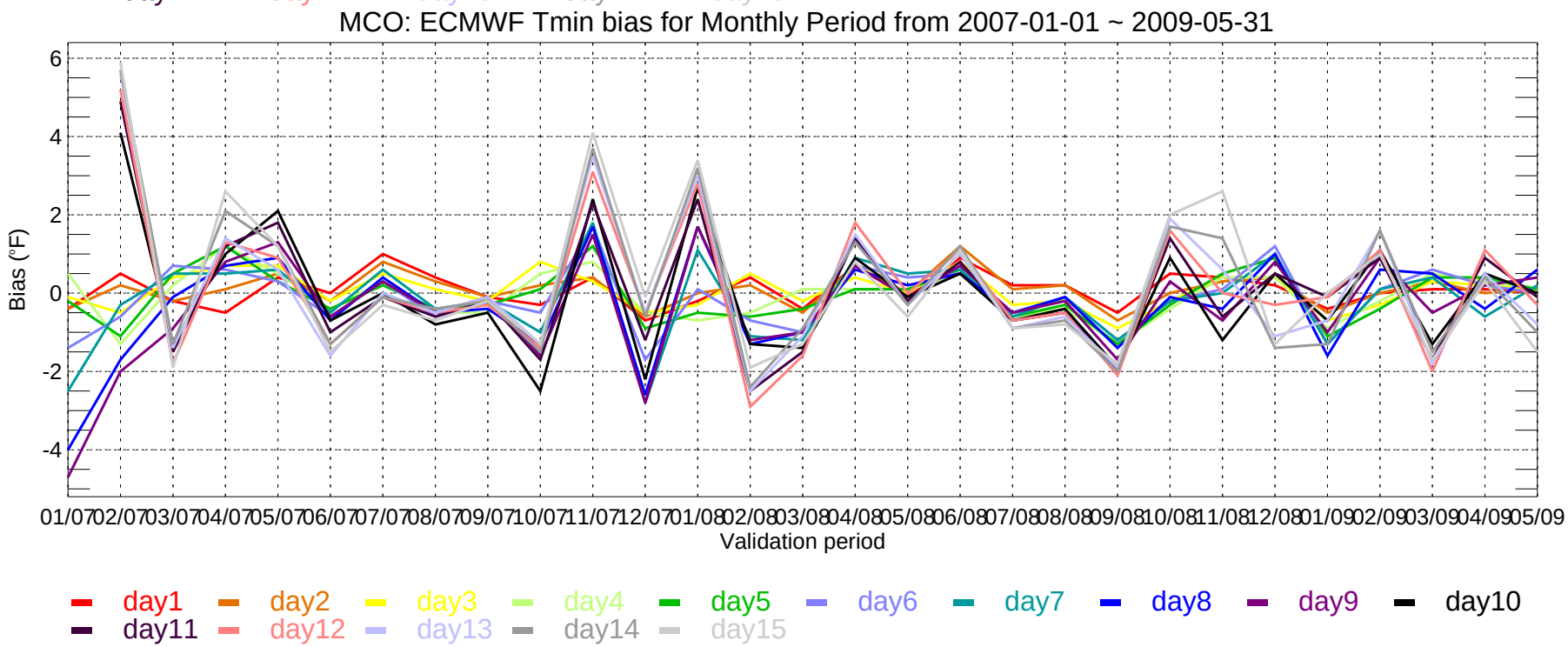

MCN: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

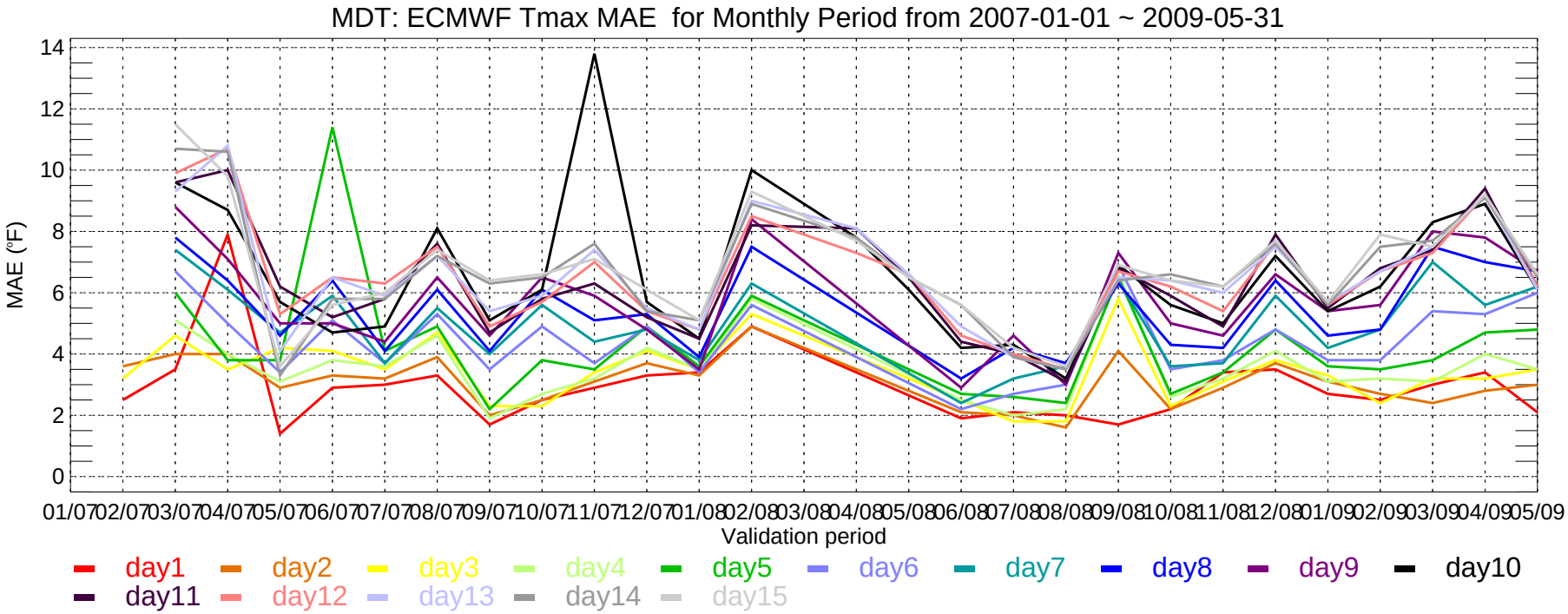

MCN: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

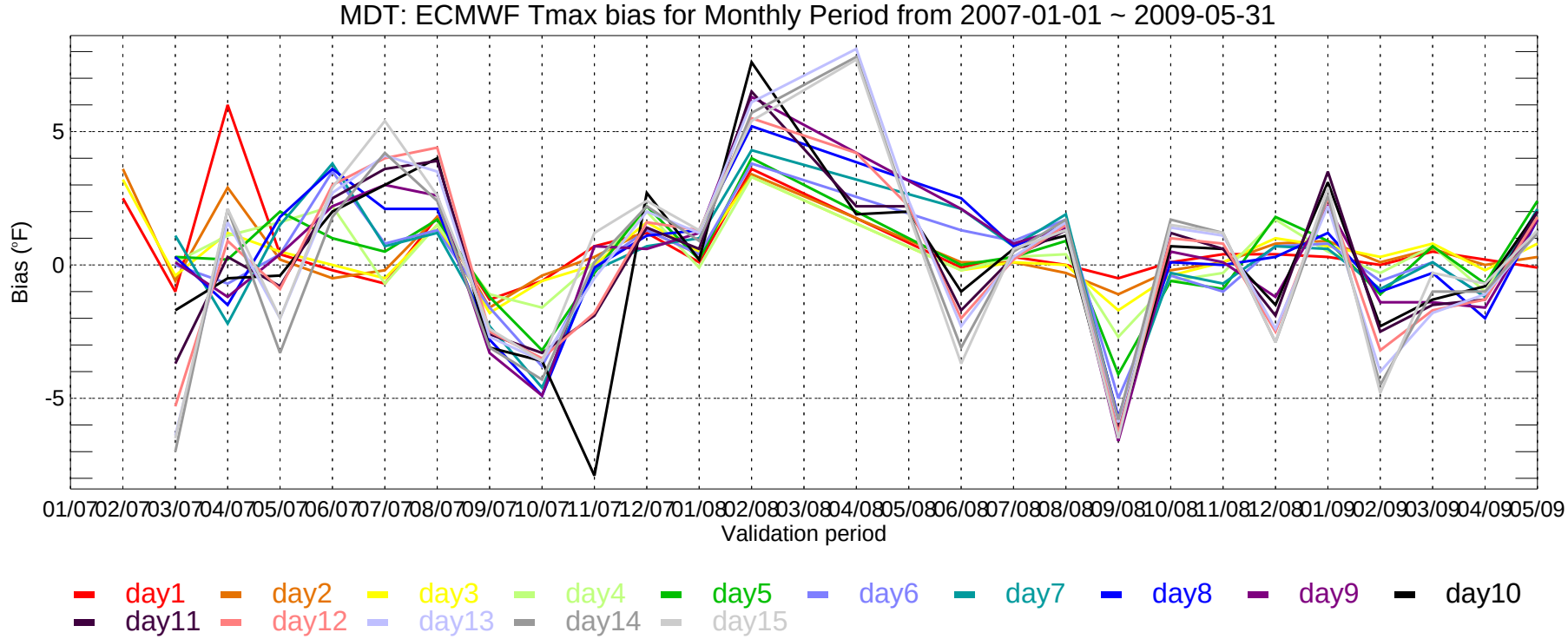

MCO: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

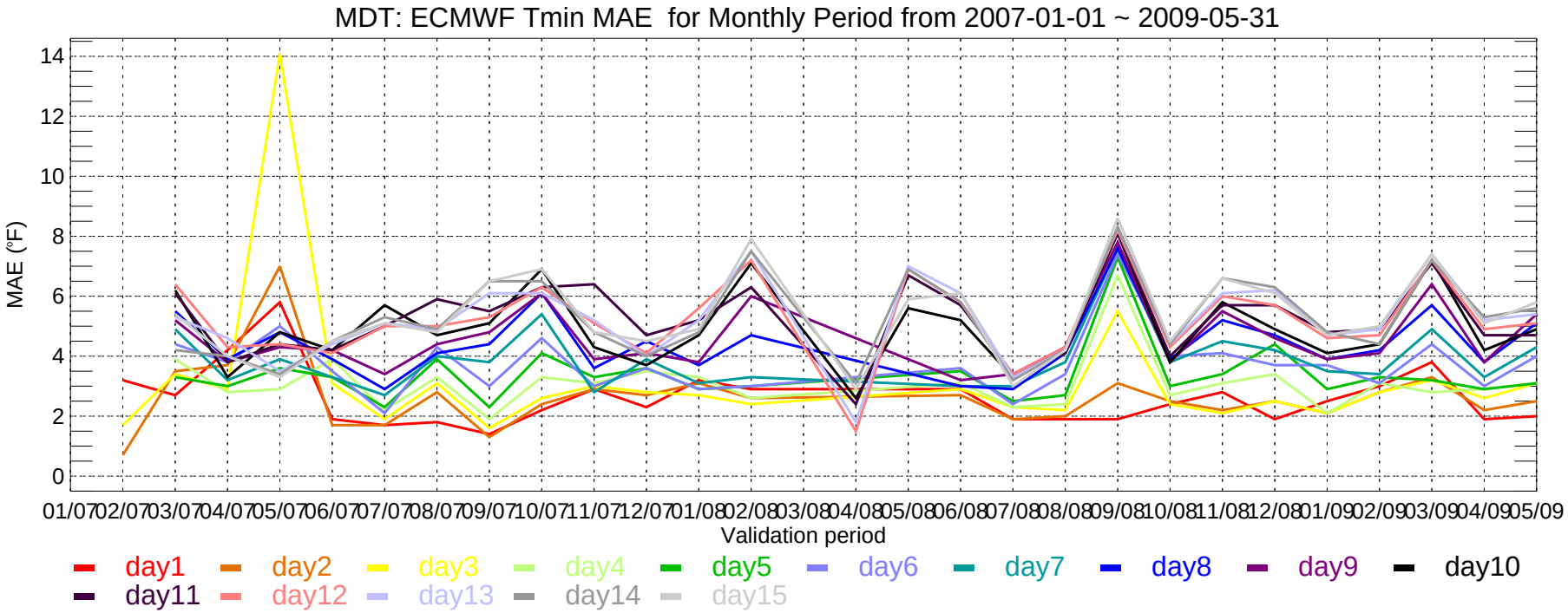

MCO: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

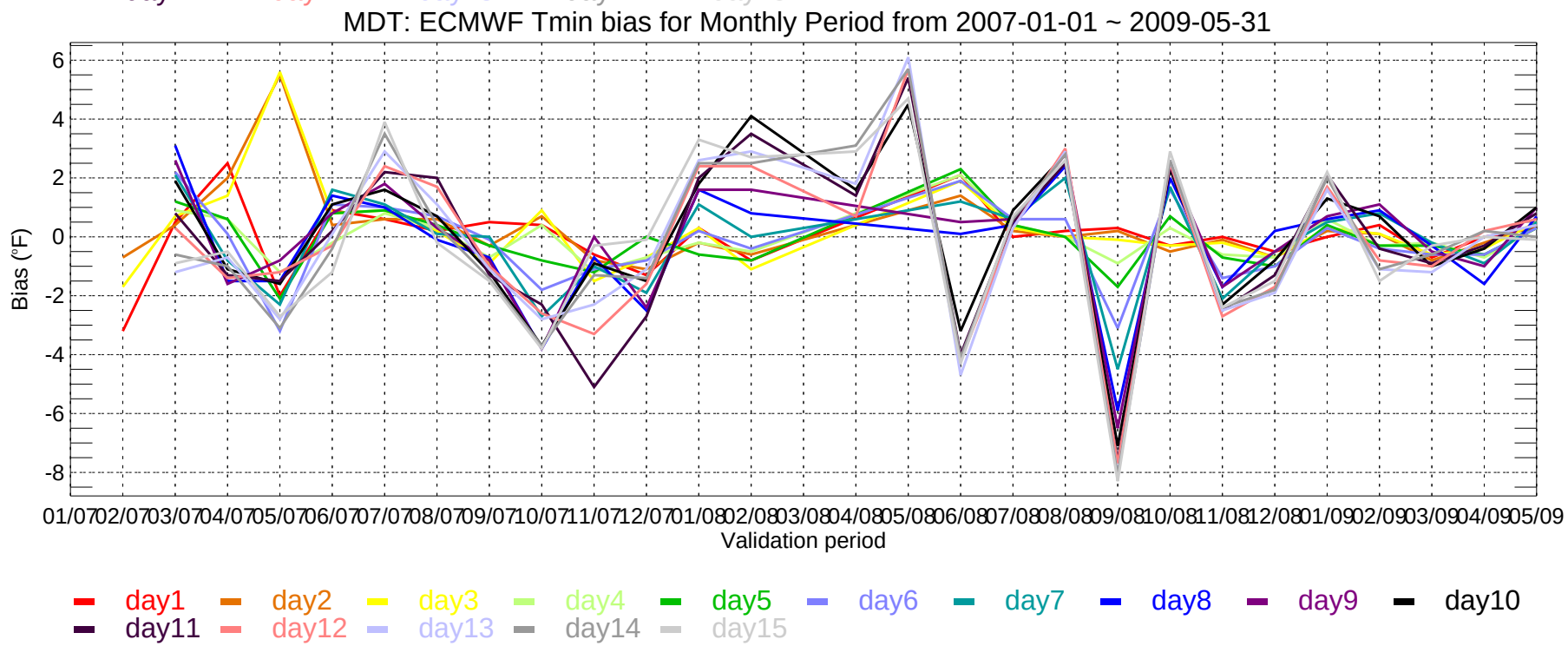

MCO: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

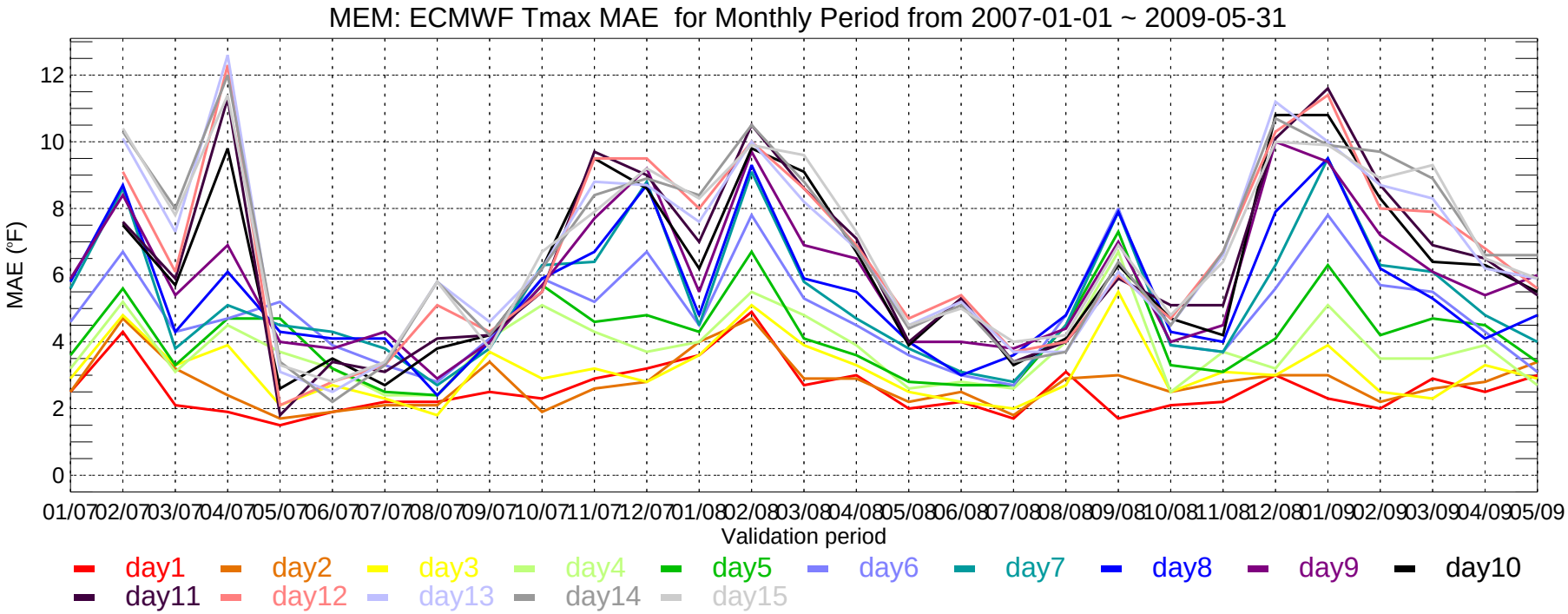

MCO: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

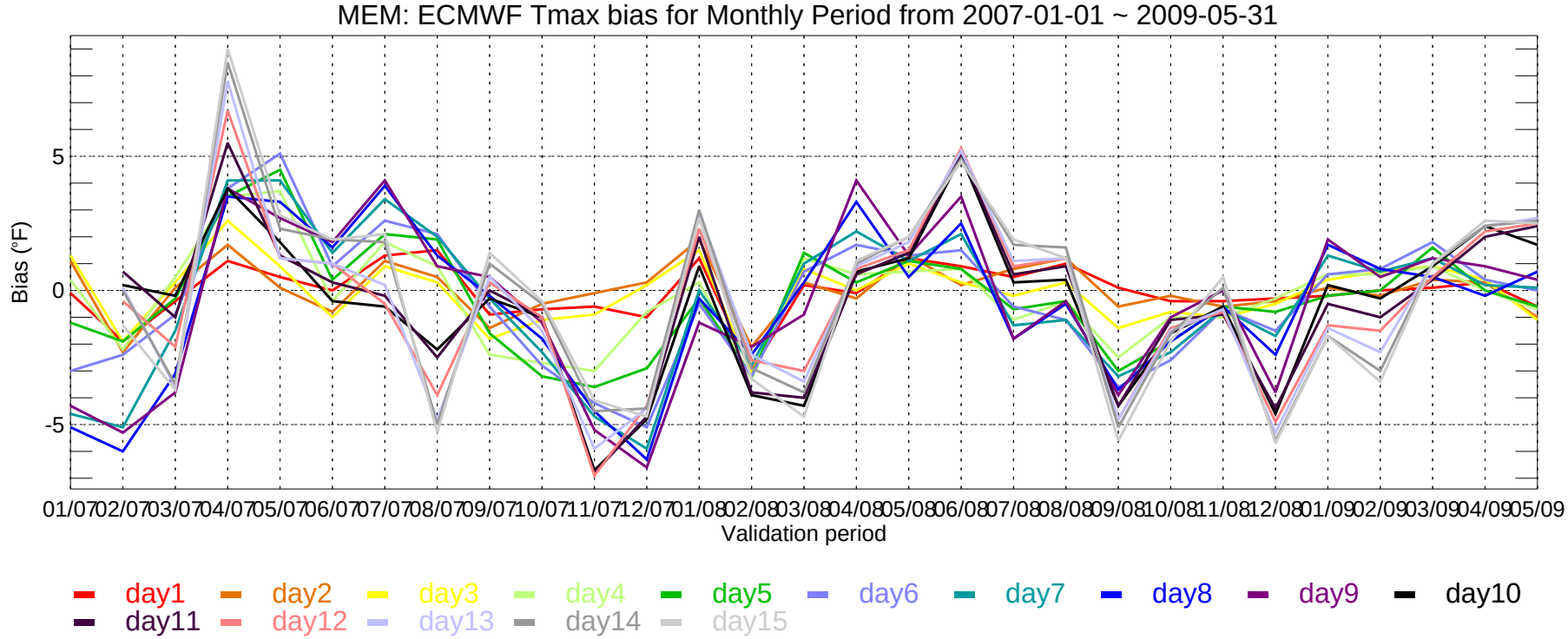

MDT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

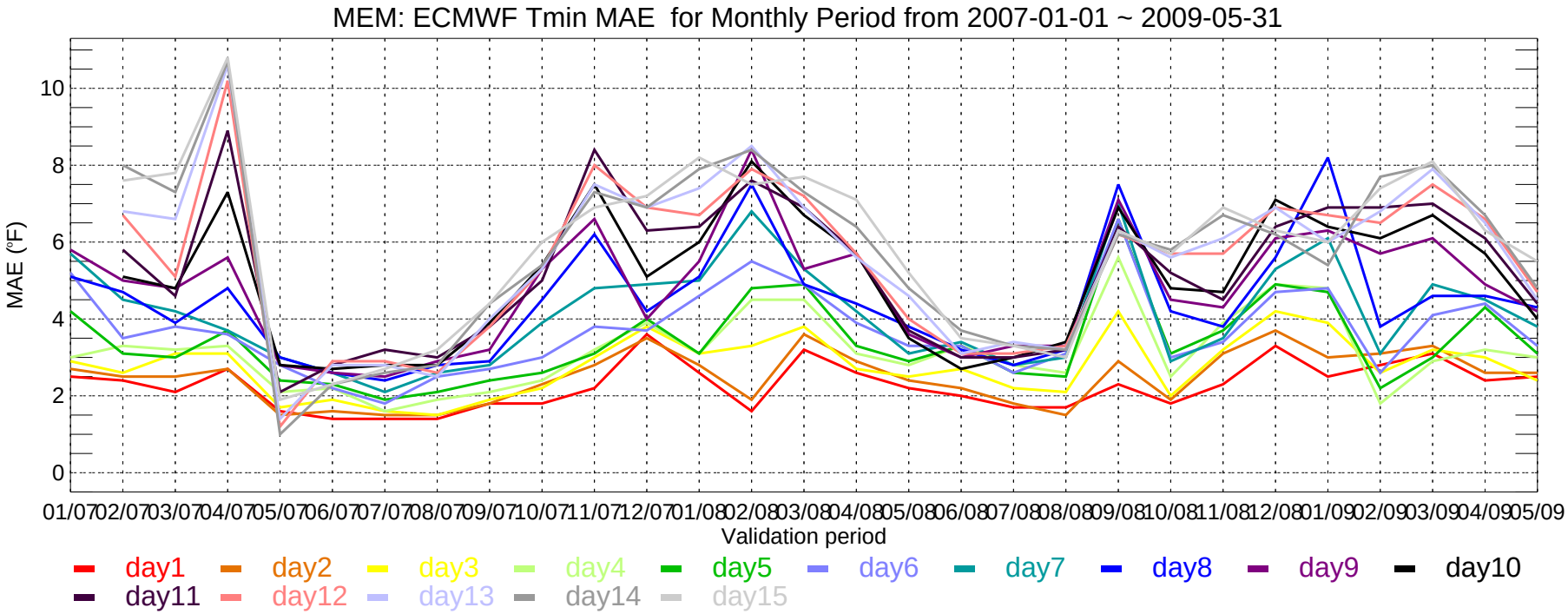

MDT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

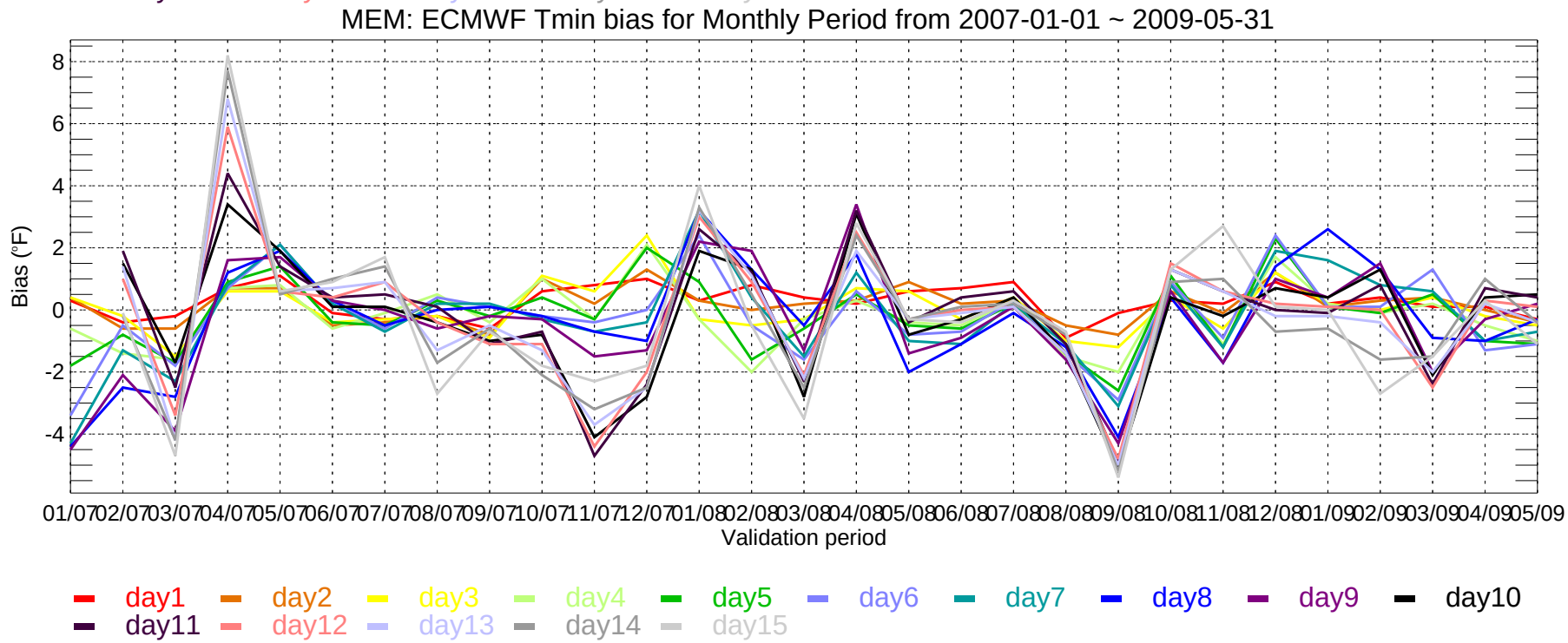

MDT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

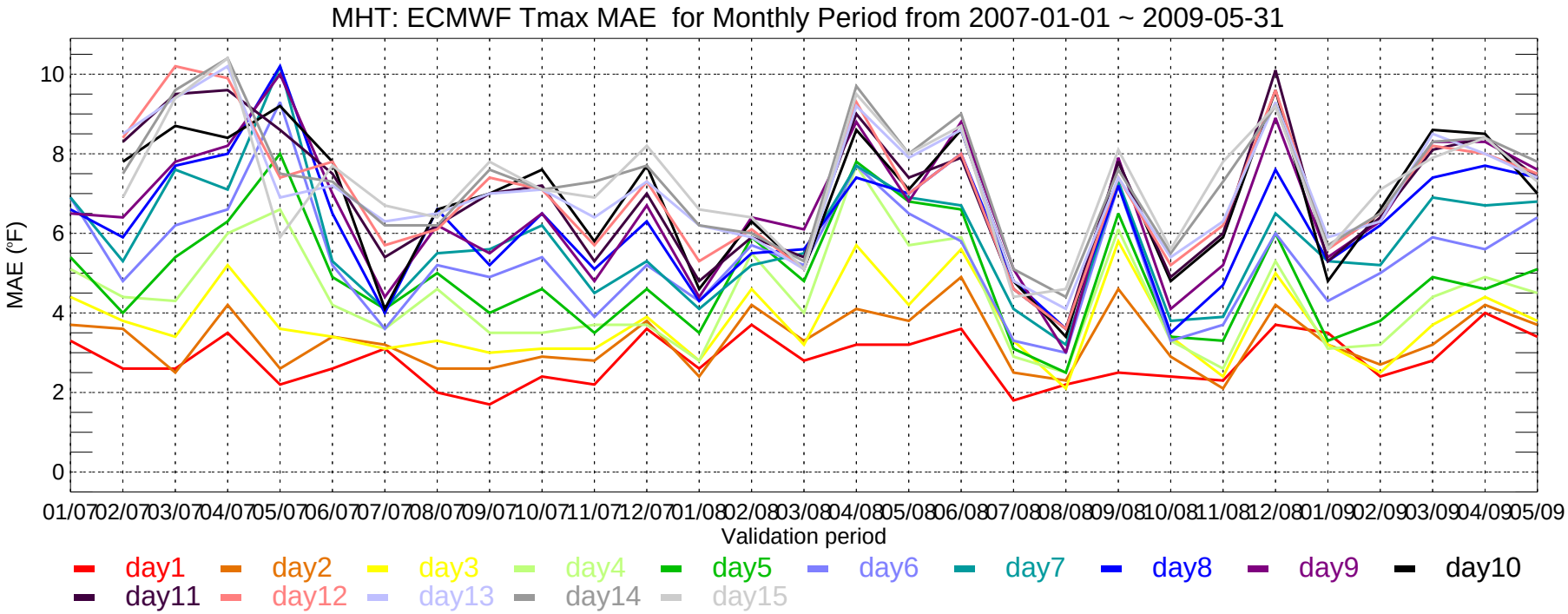

MDT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-8
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

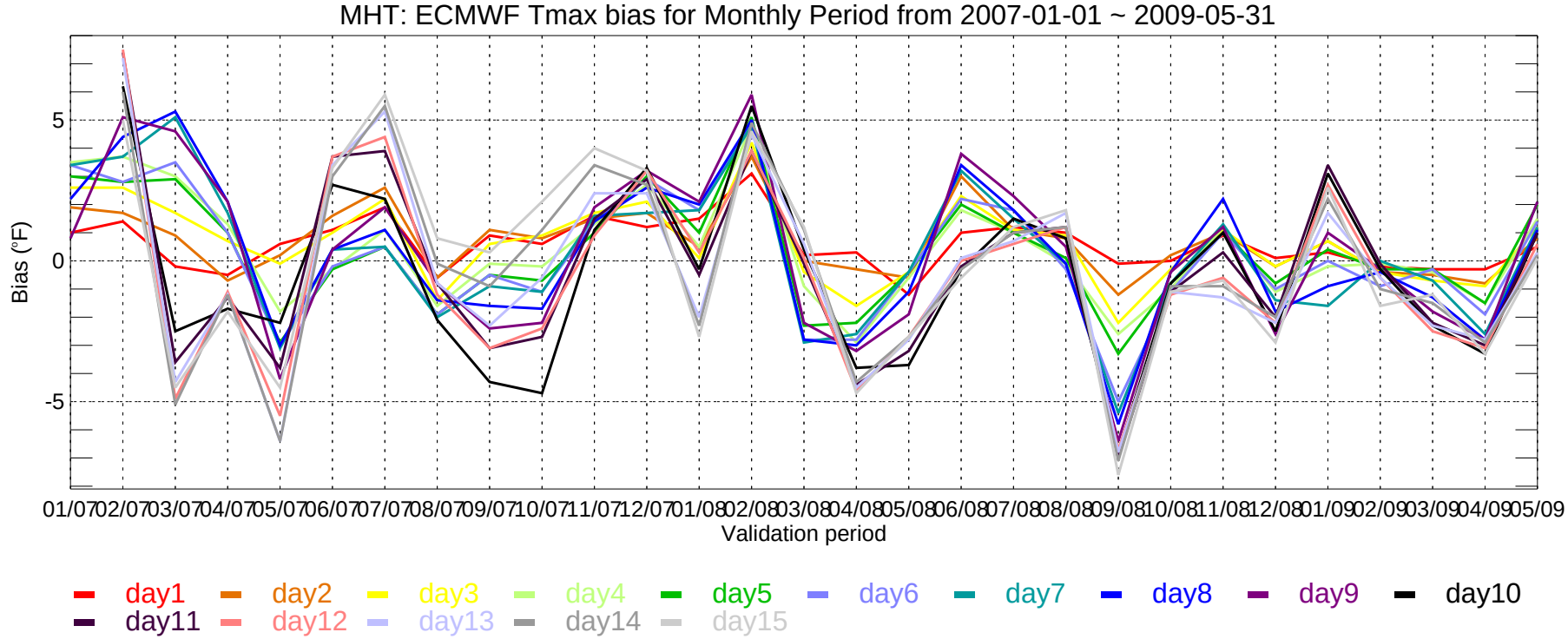

MEM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

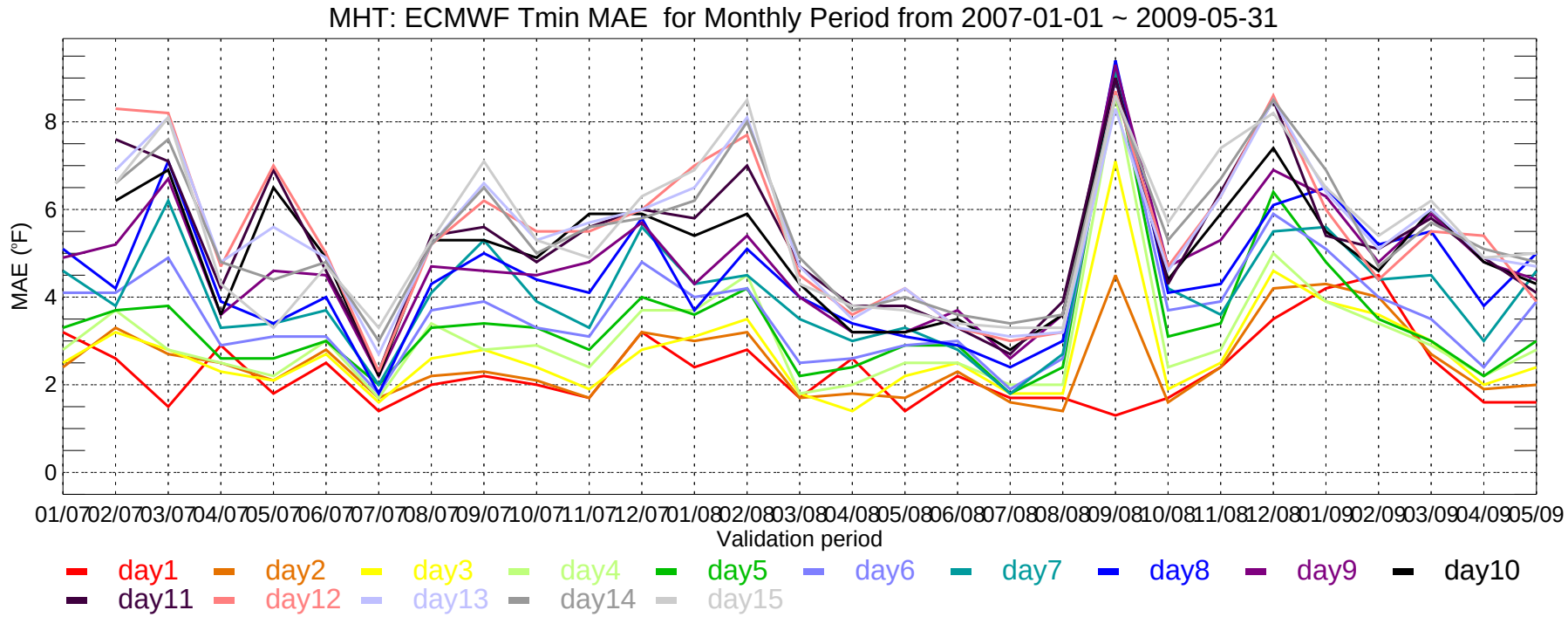

MEM: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

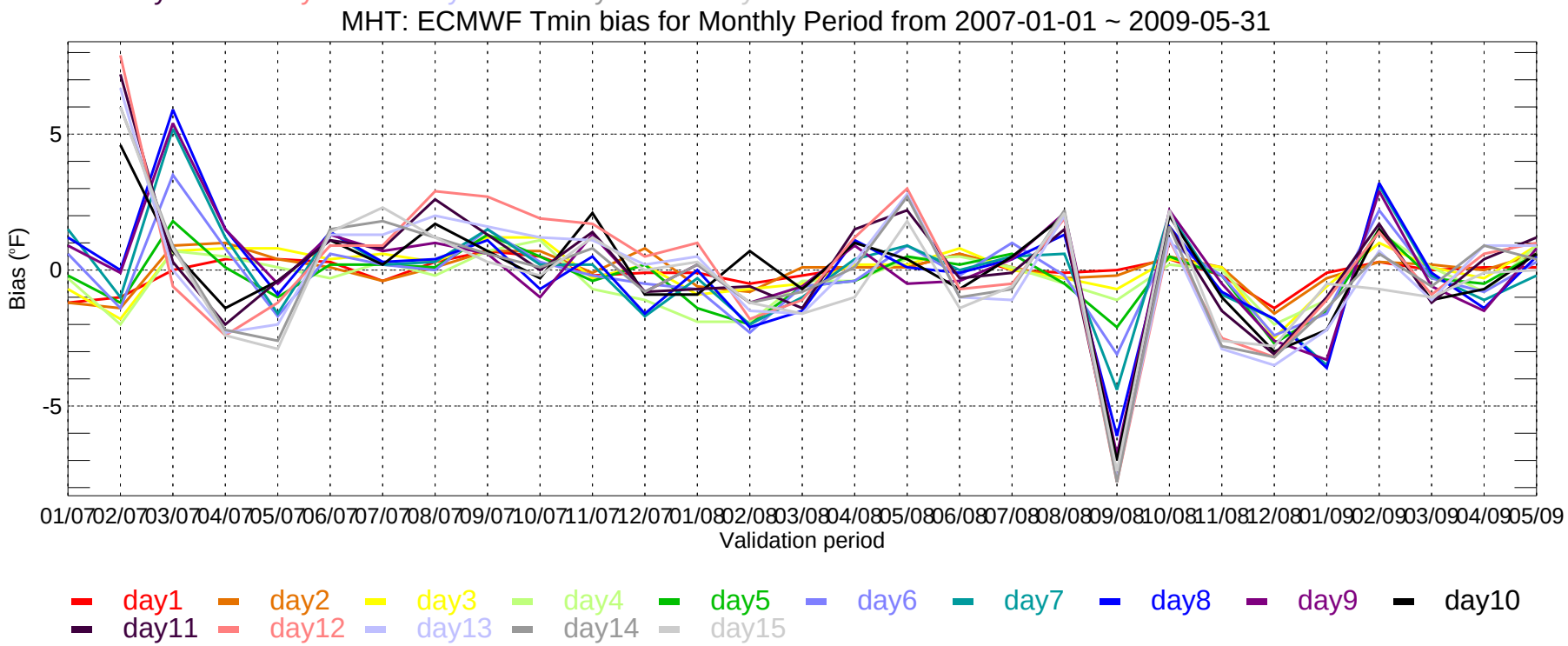

MEM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

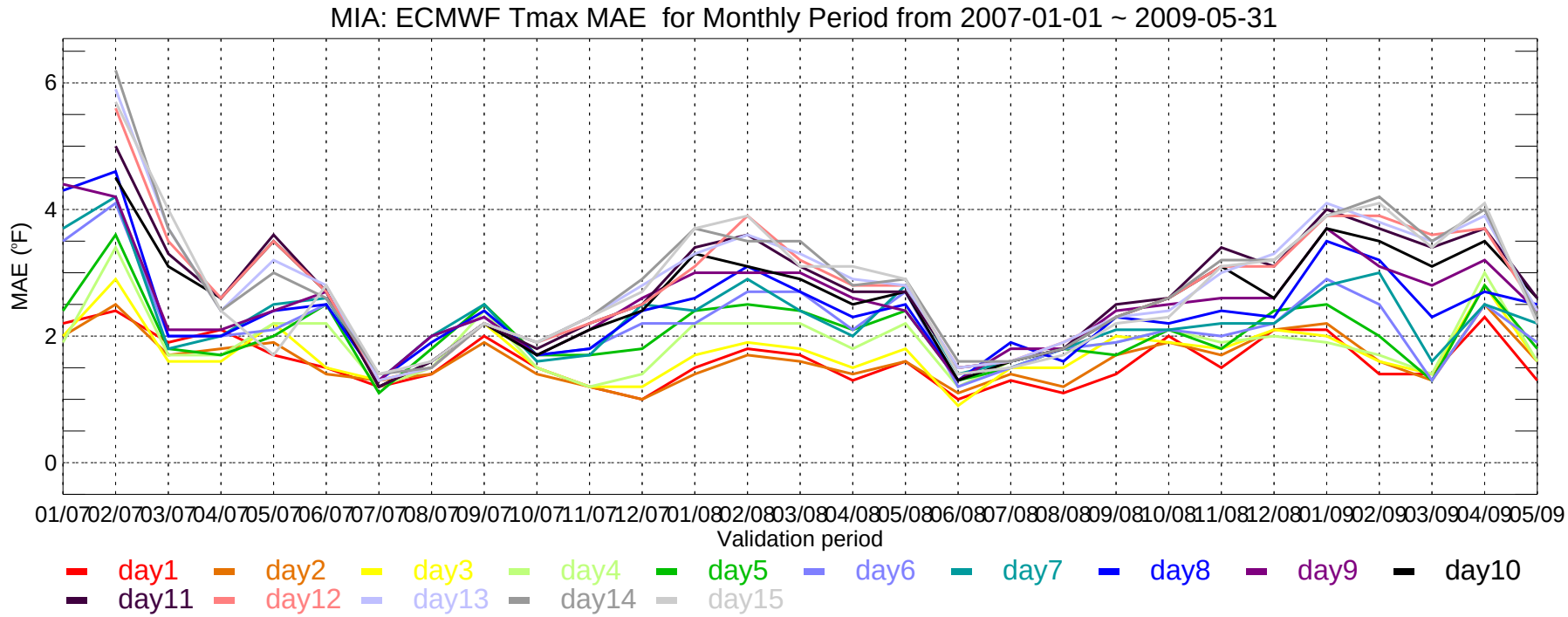

MEM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

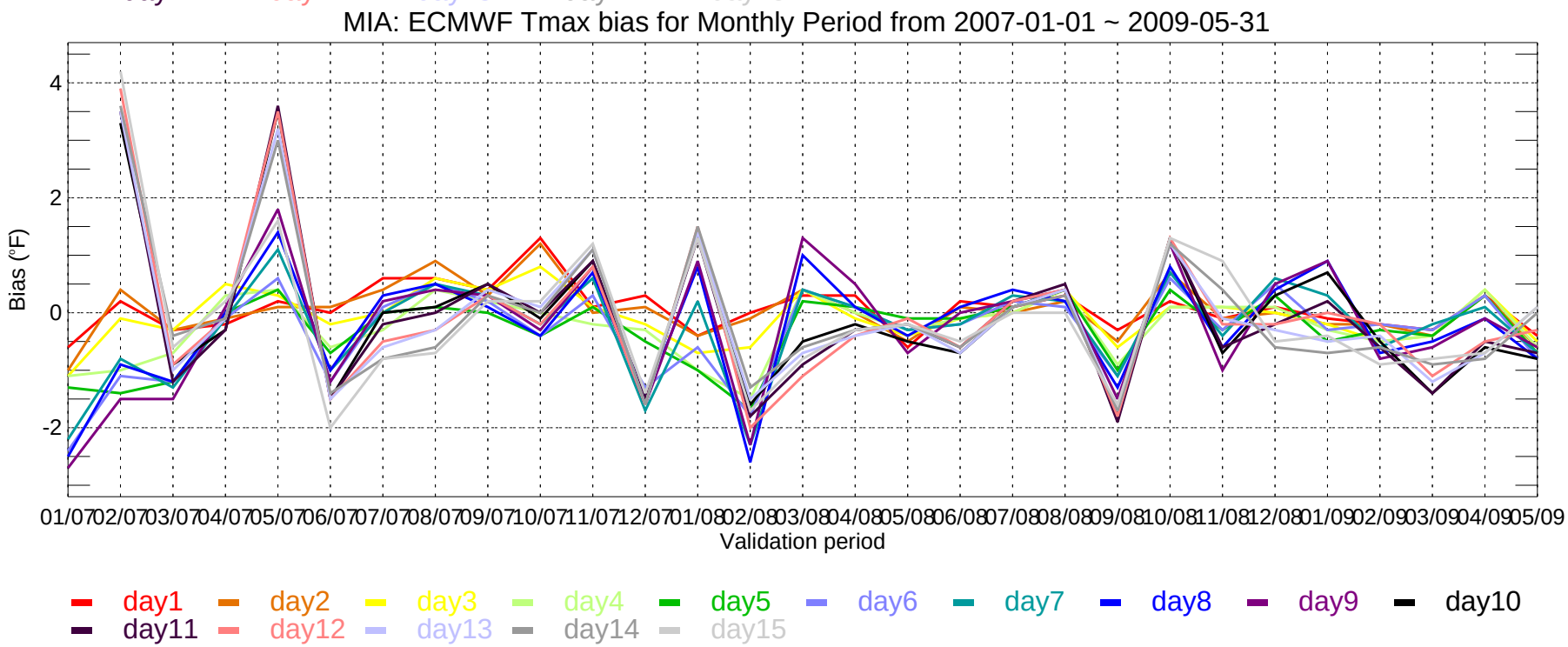

MHT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

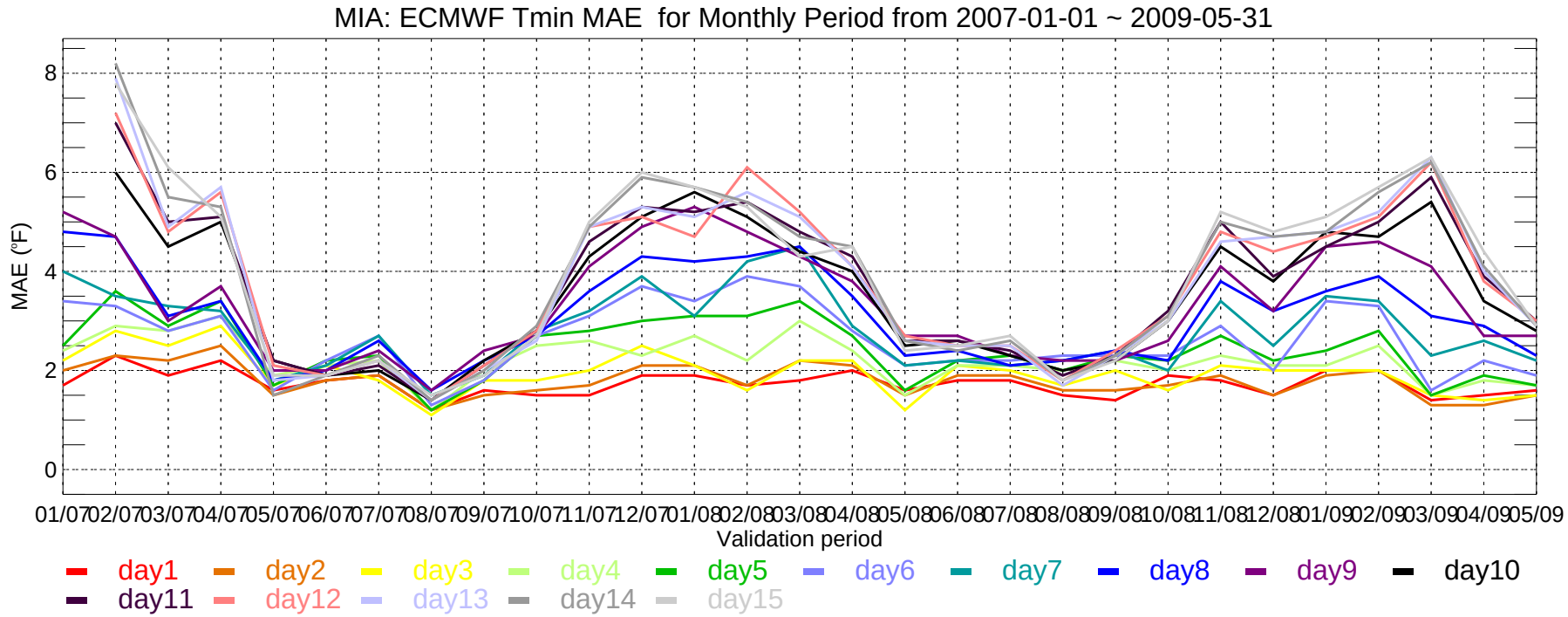

MHT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

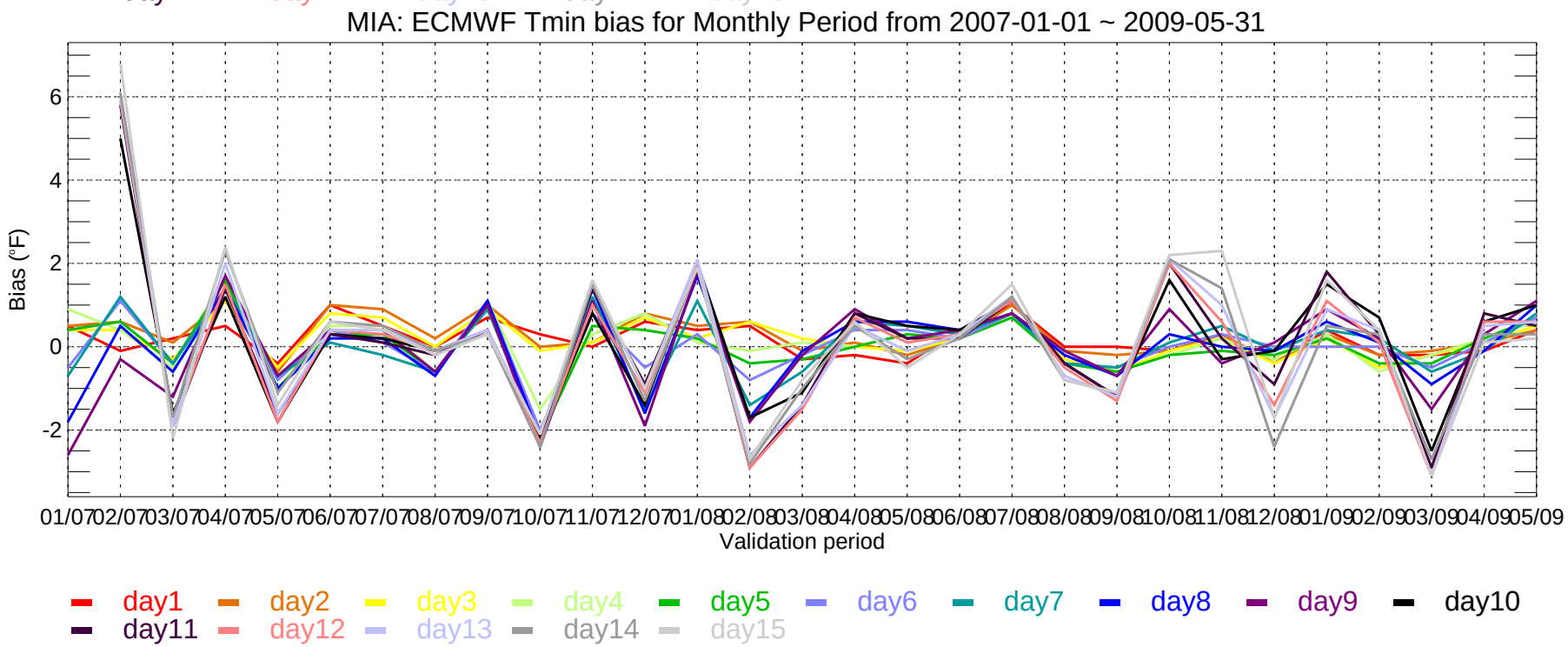

MHT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

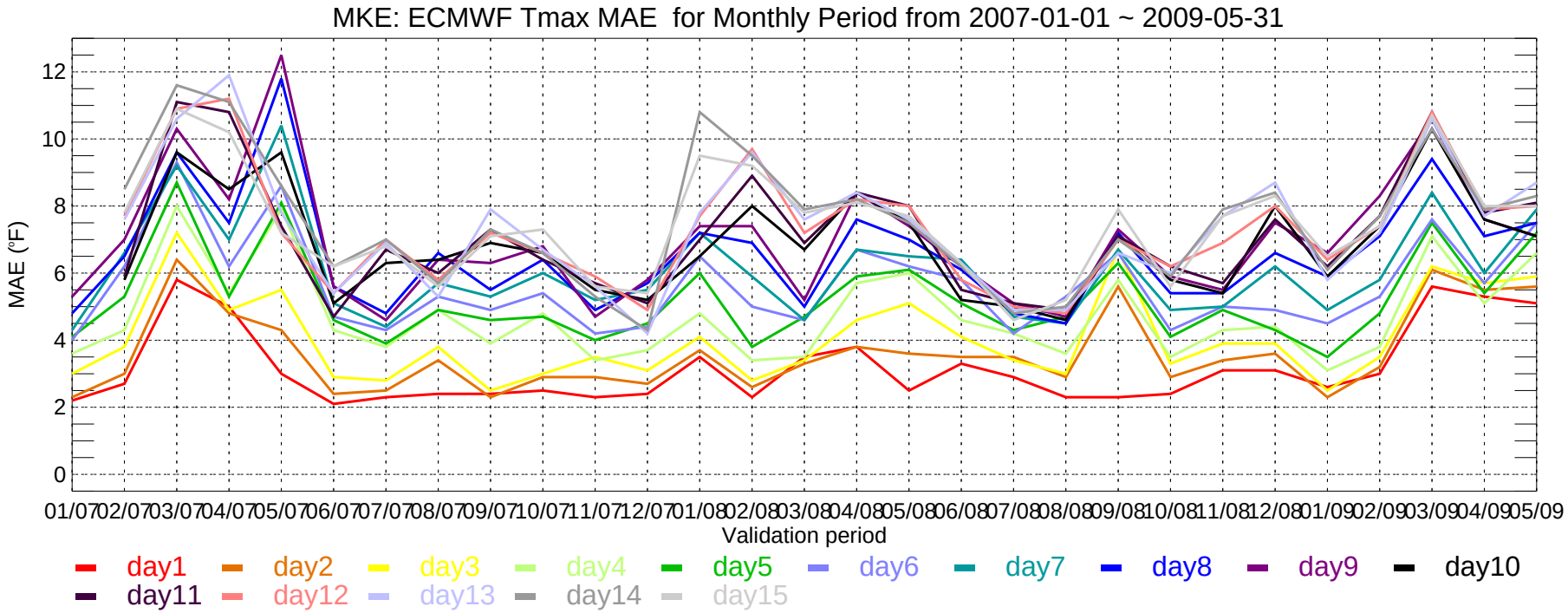

MHT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

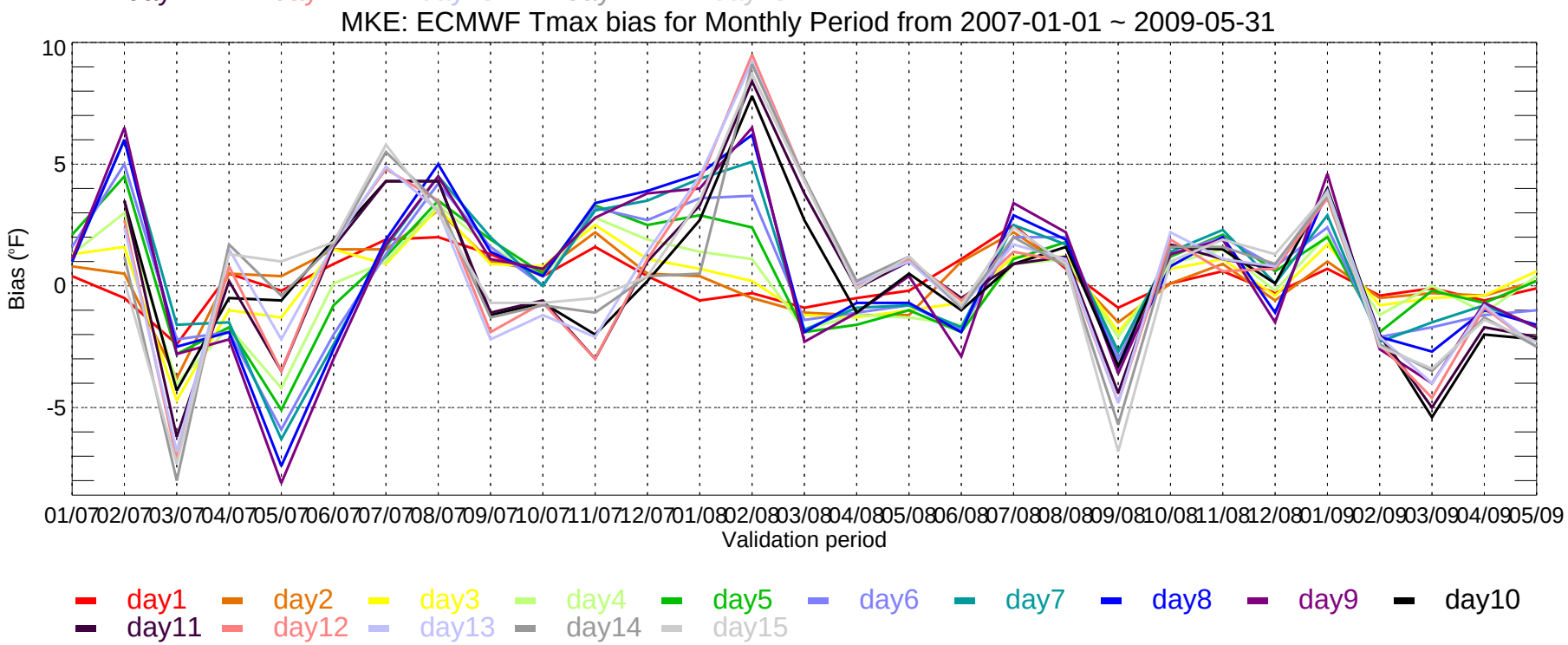

MIA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

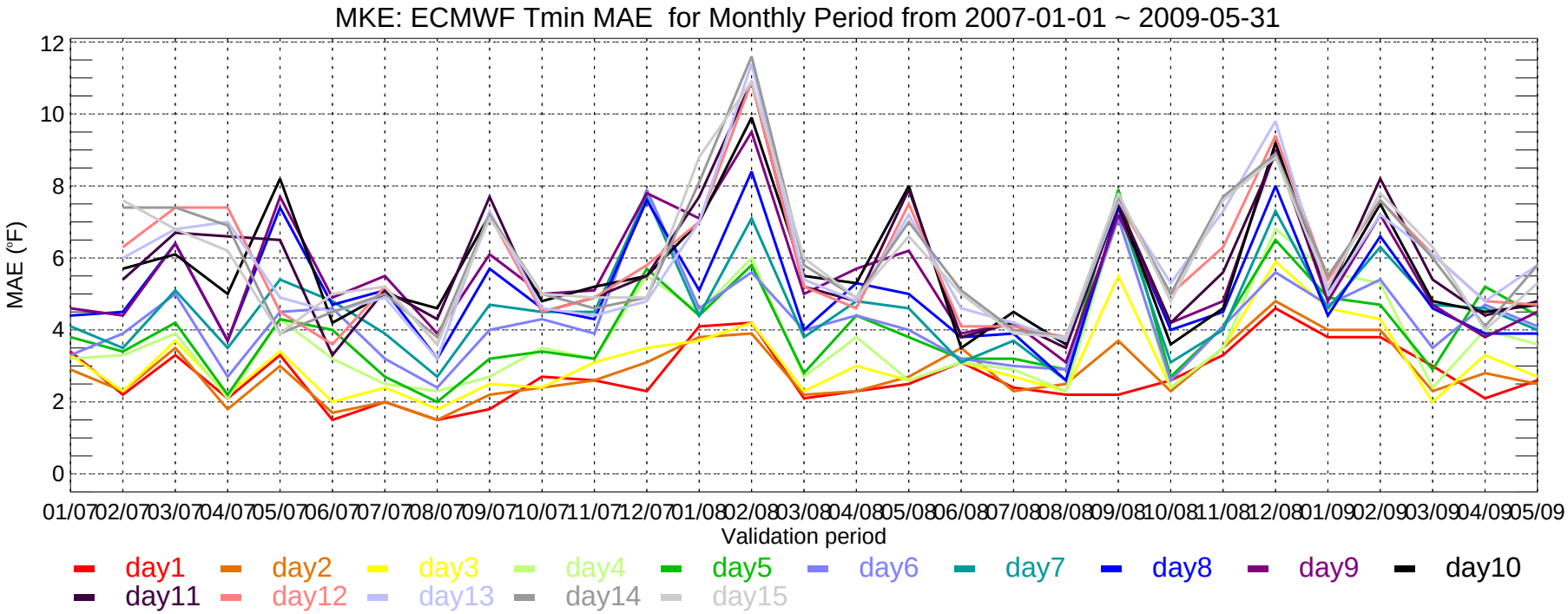

MIA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

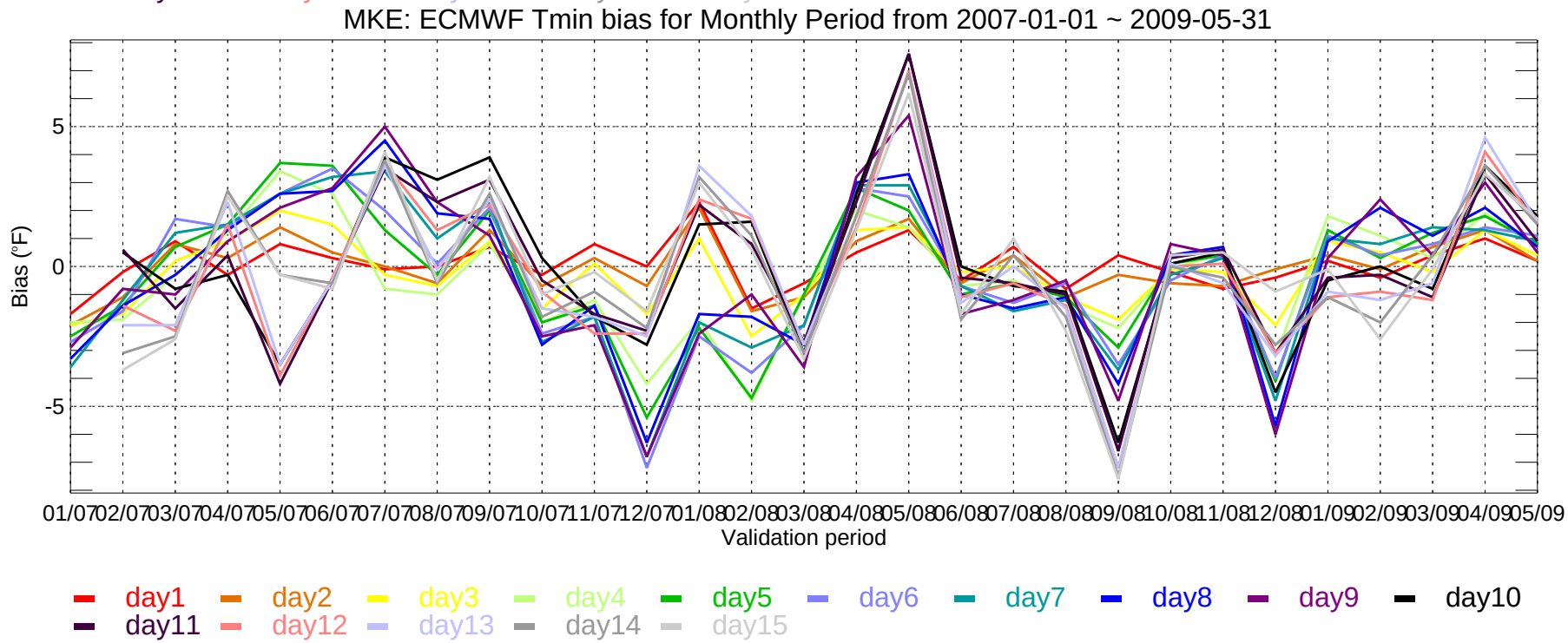

MIA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

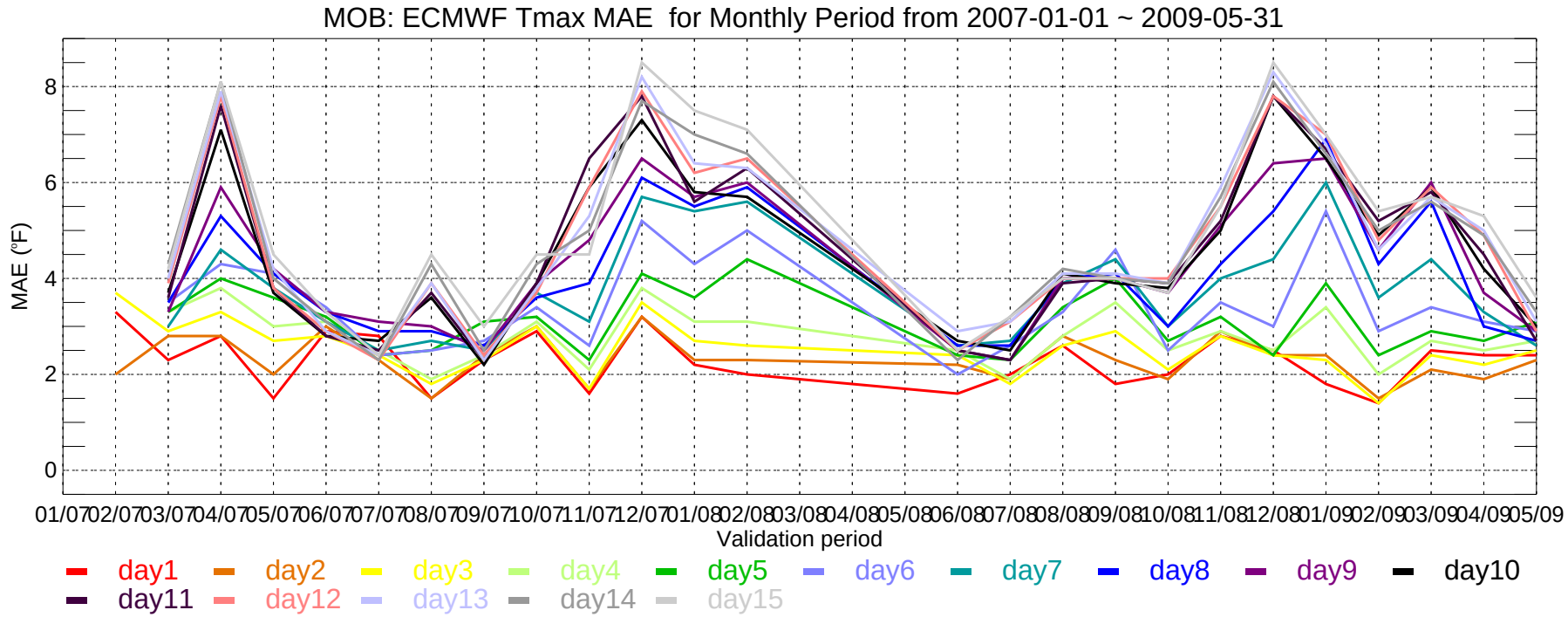

MIA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

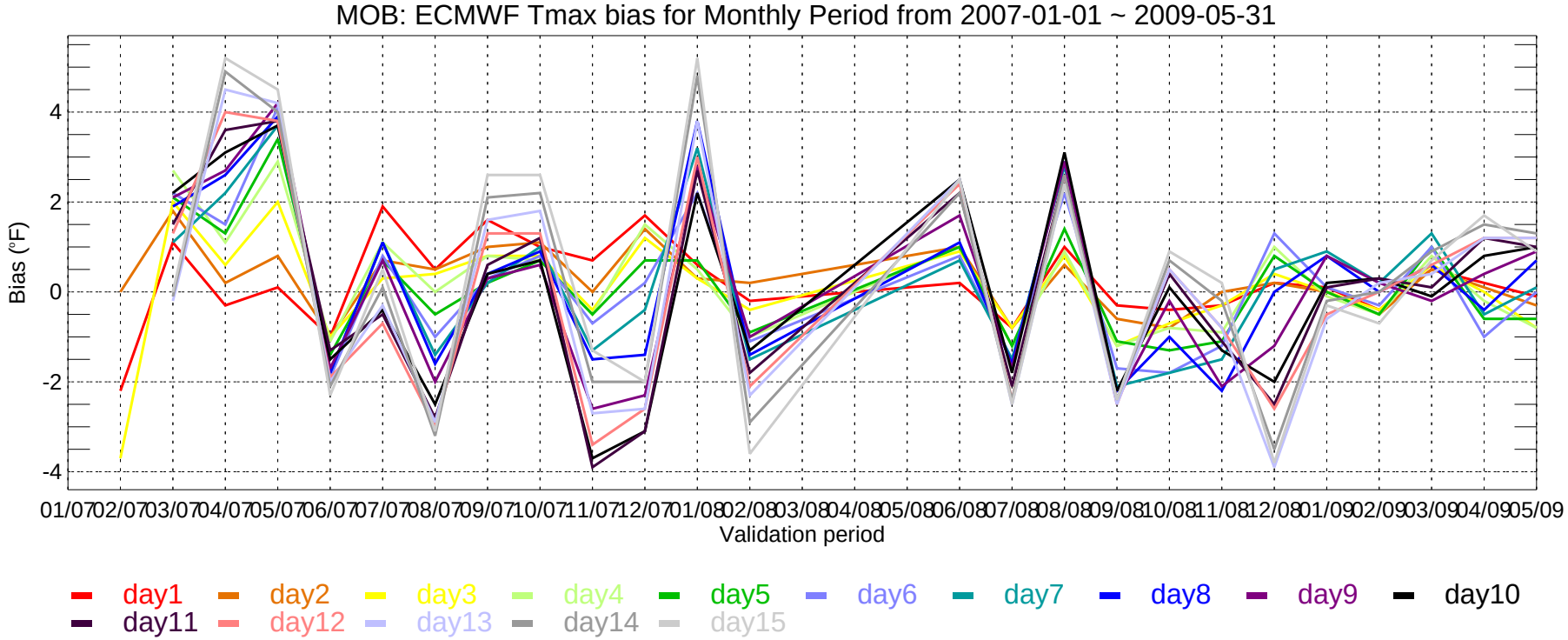

MKE: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

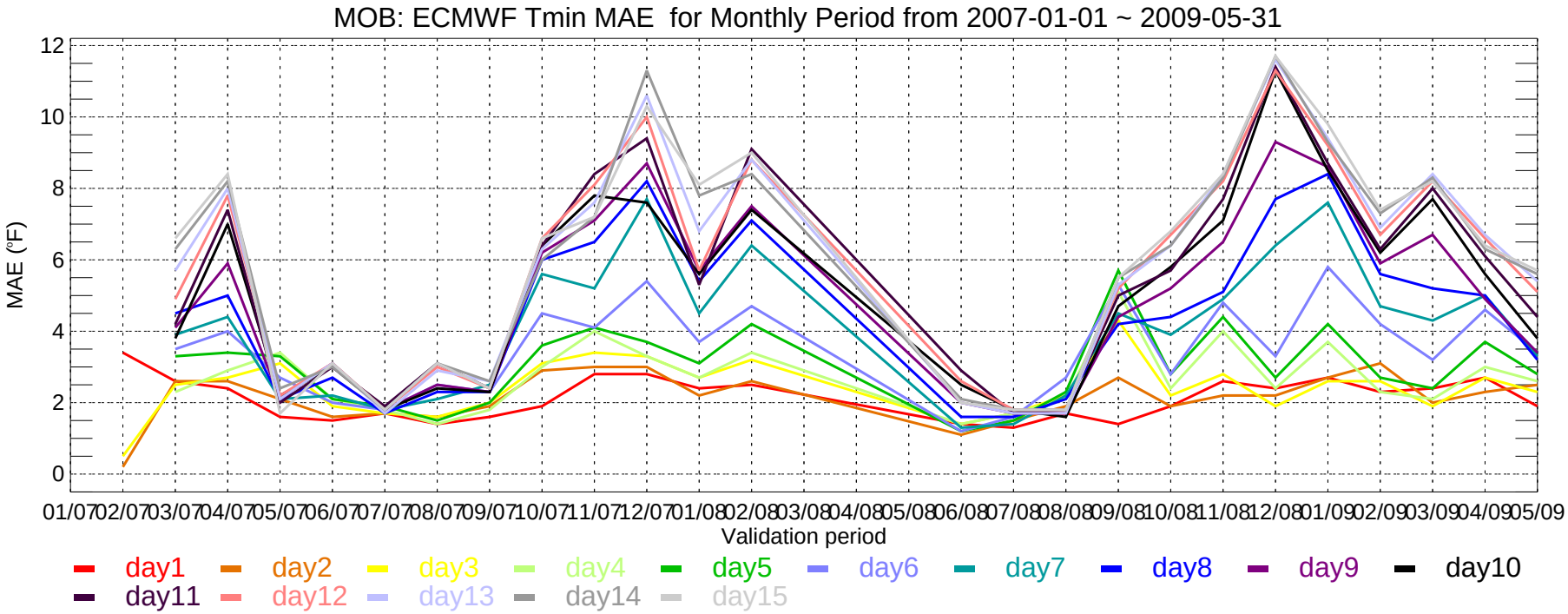

MKE: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

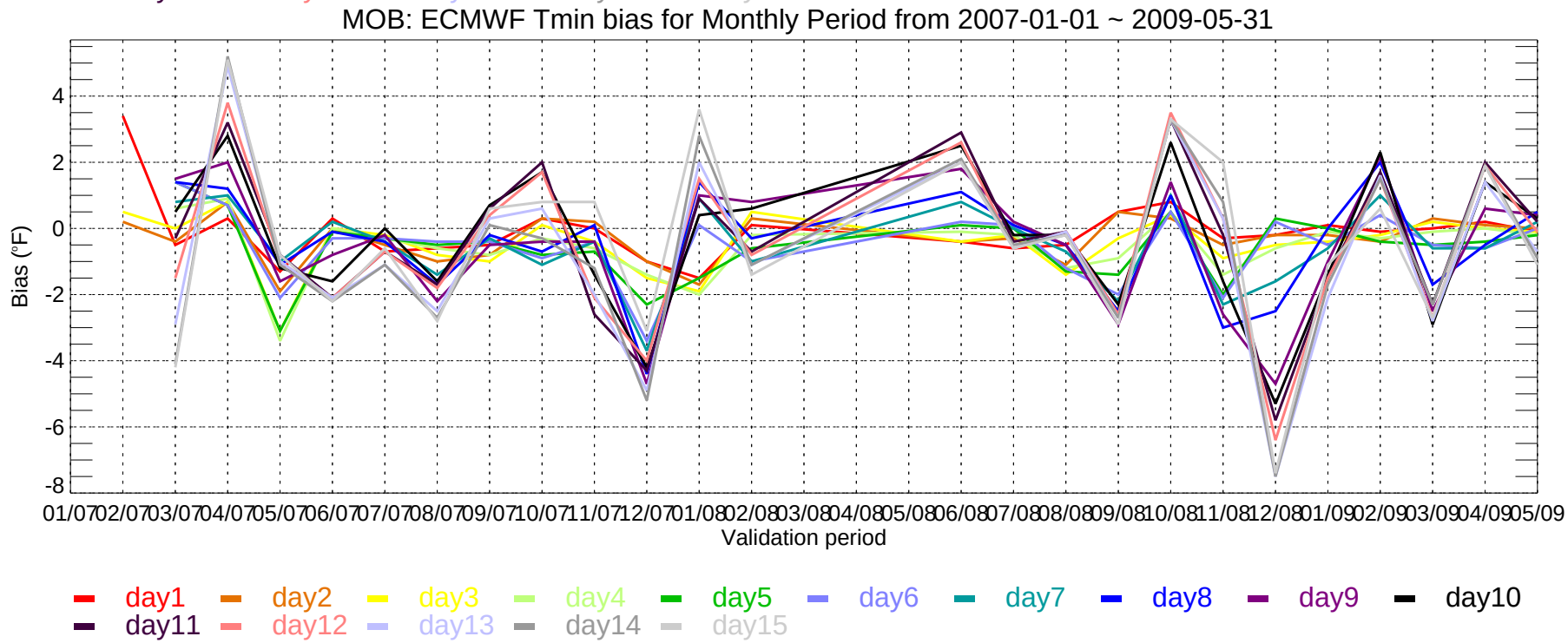

MKE: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

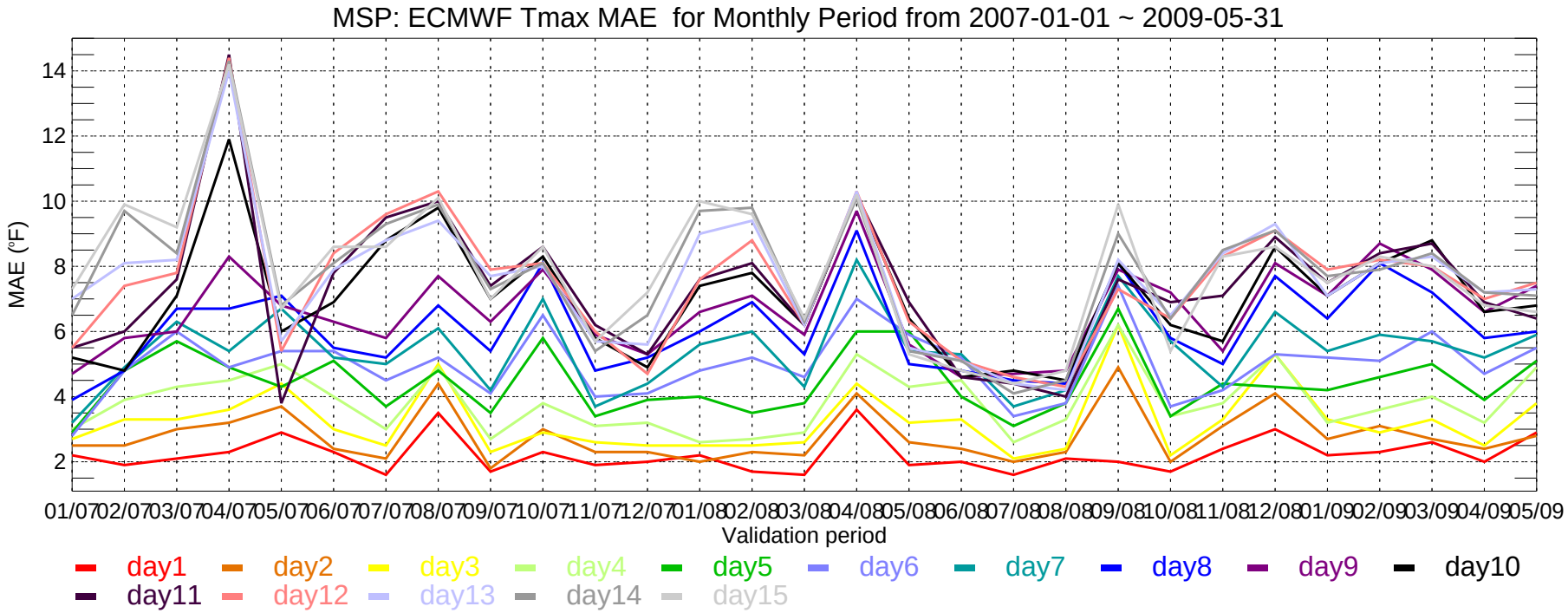

MKE: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

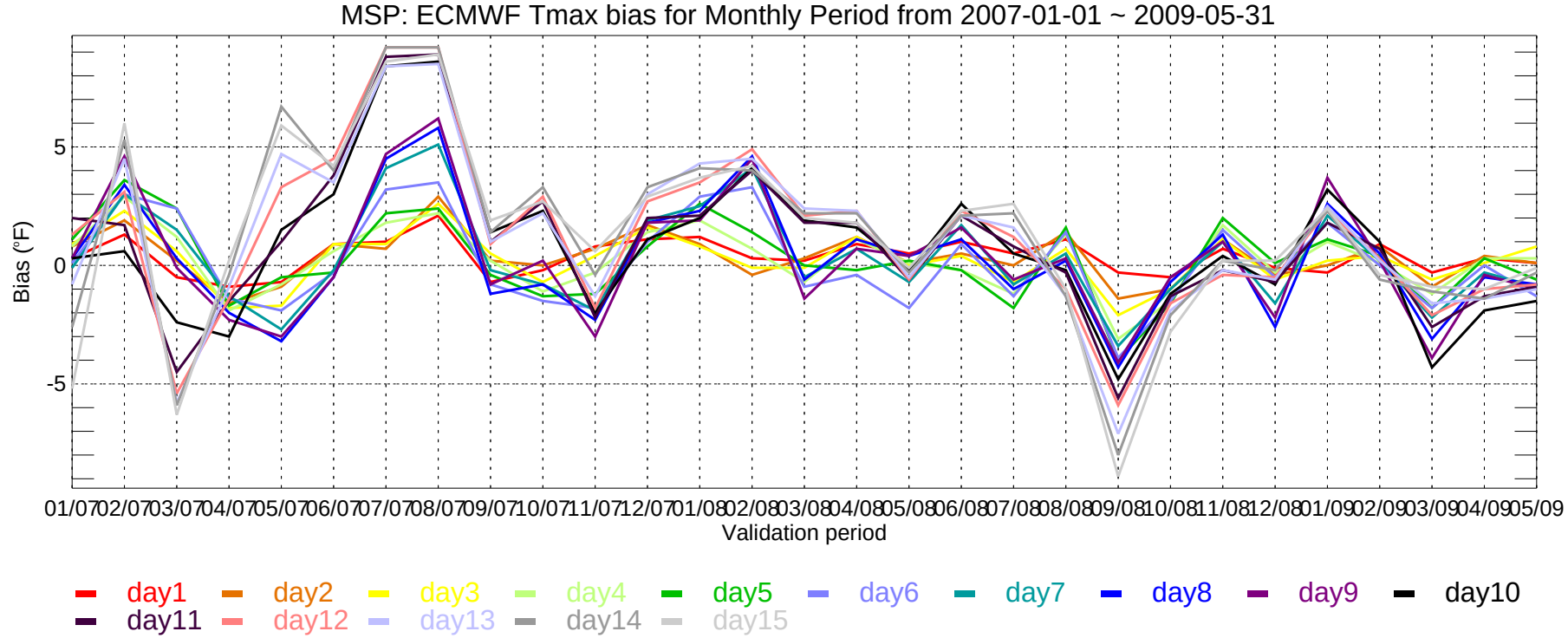

MOB: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

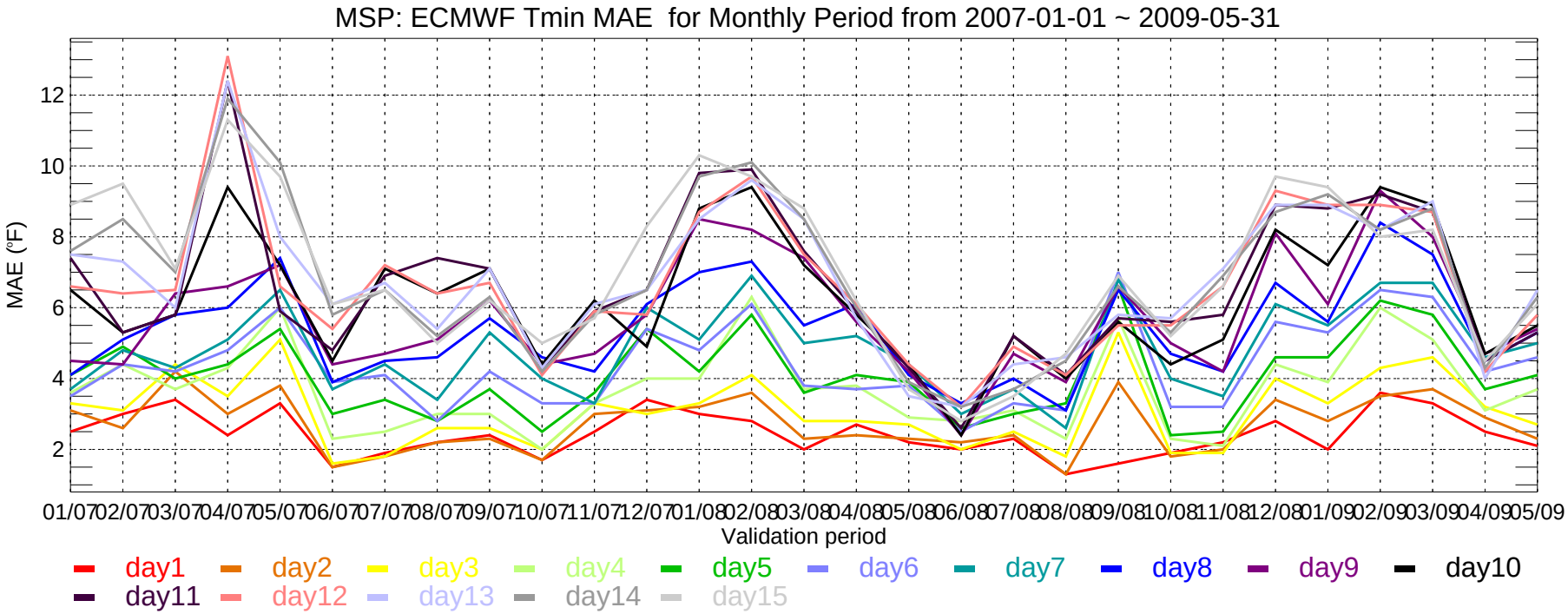

MOB: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

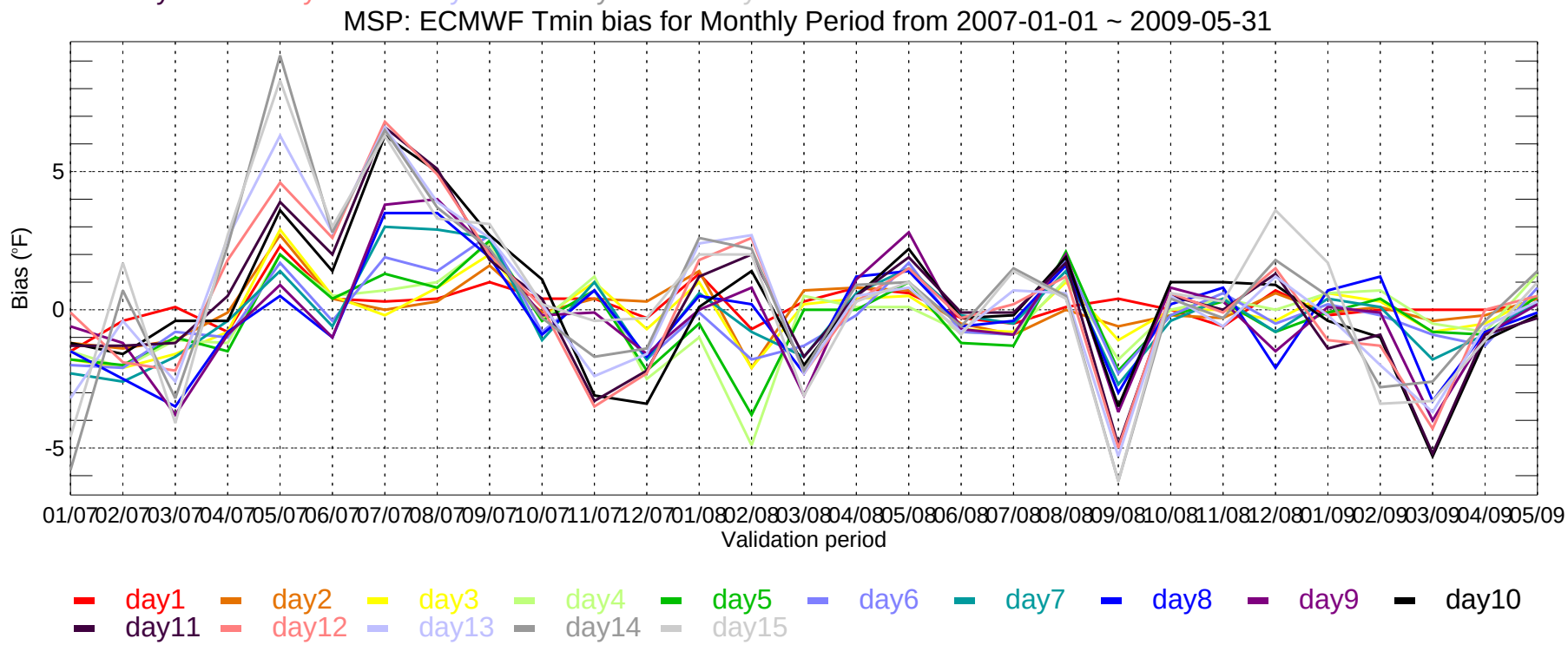

MOB: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

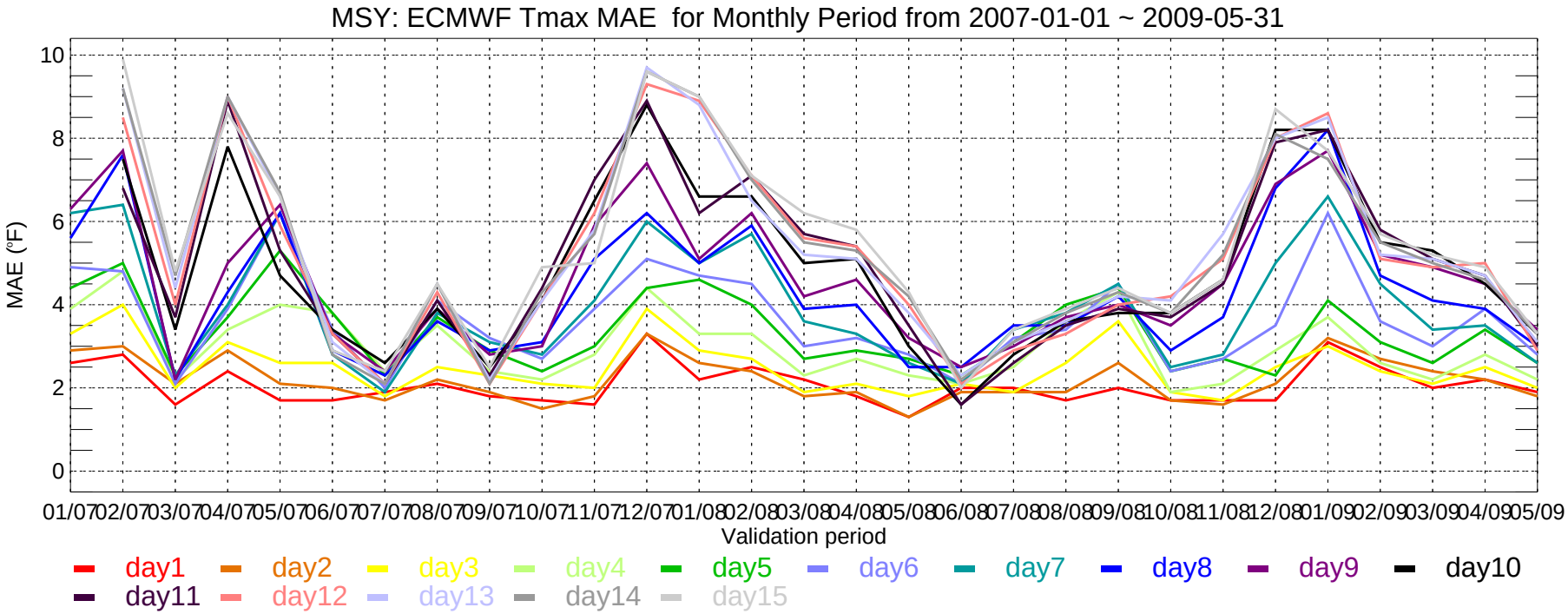

MOB: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

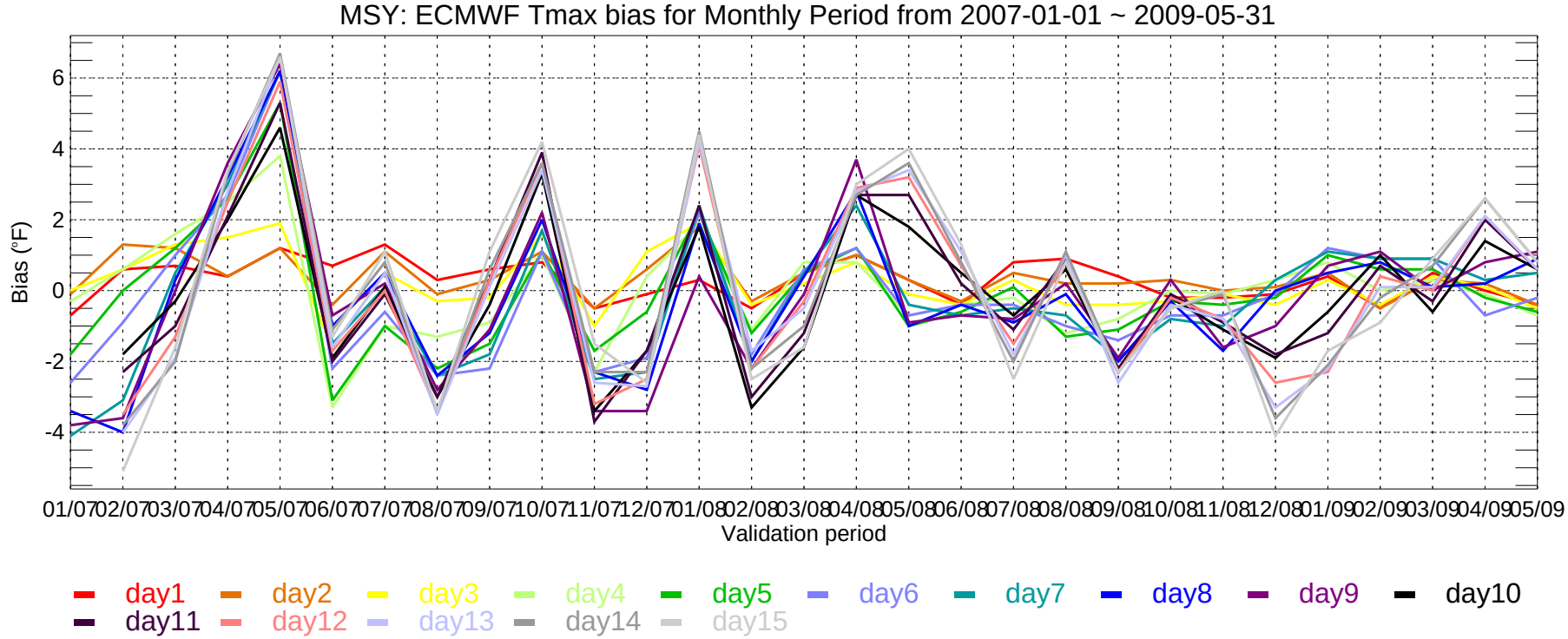

MSP: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

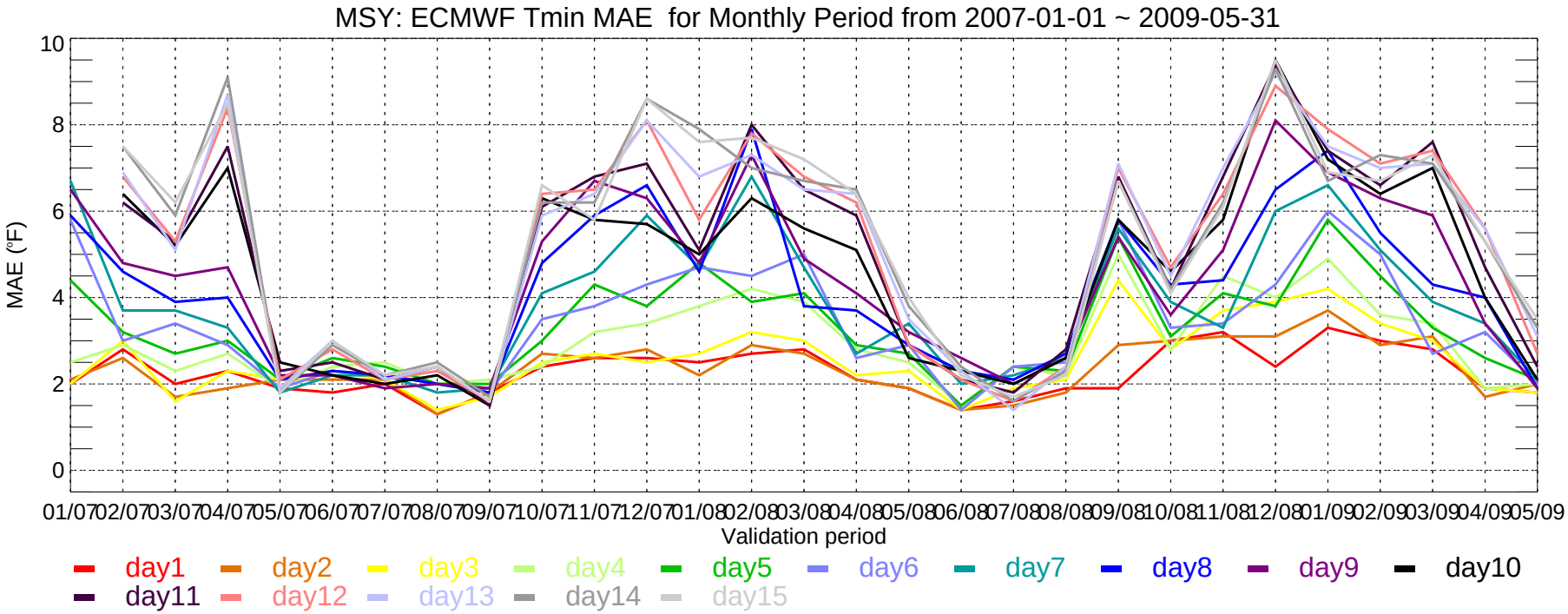

MSP: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

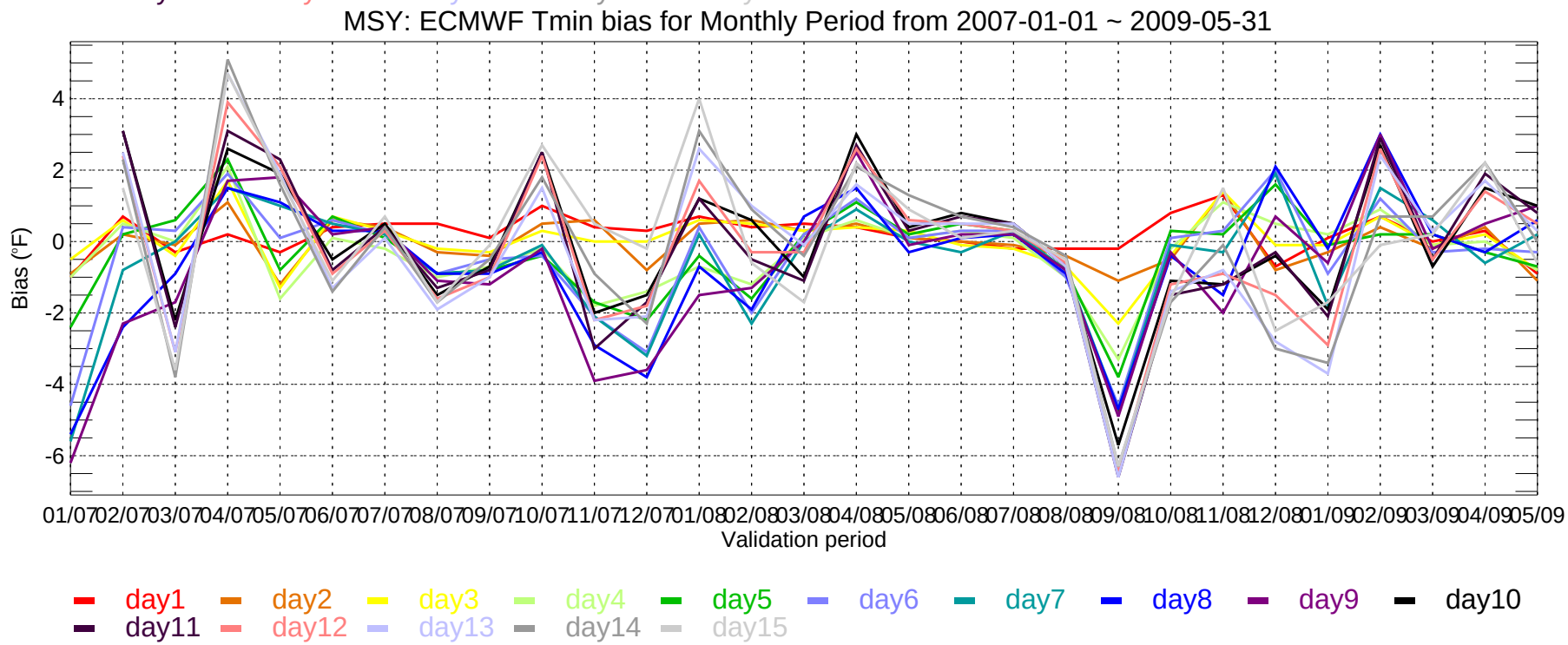

MSP: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

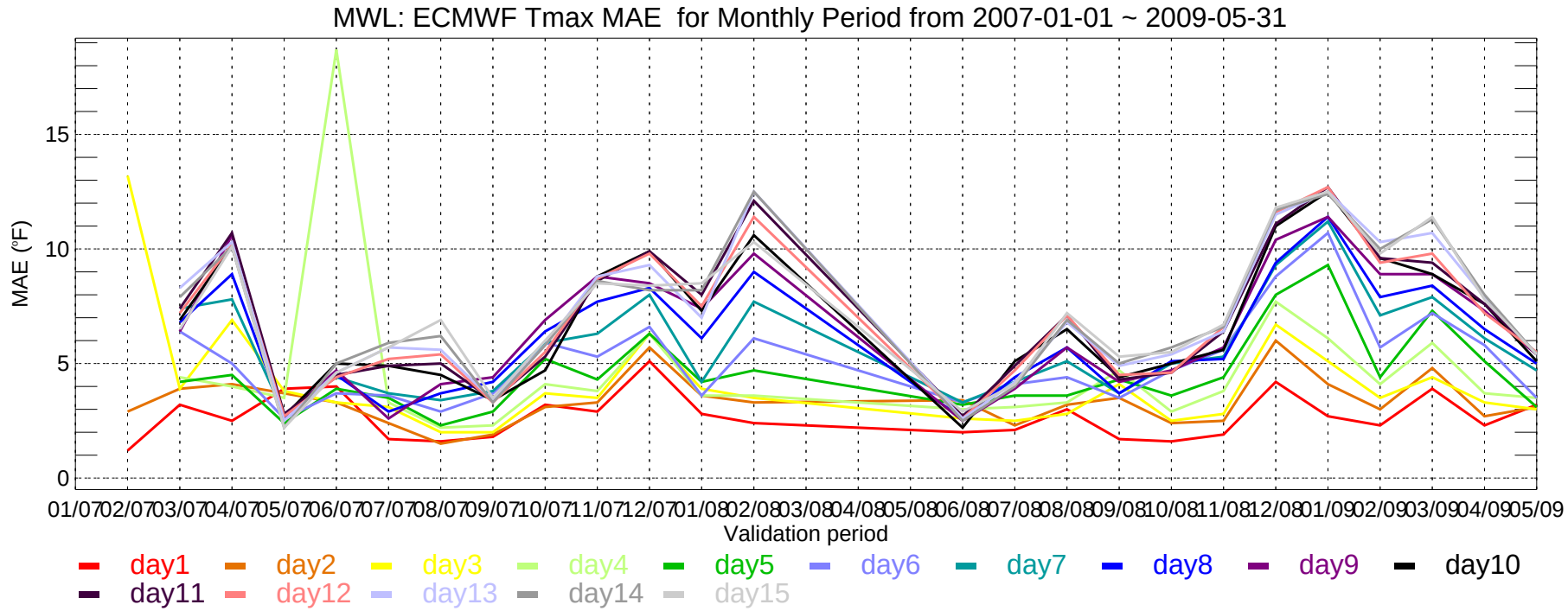

MSP: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

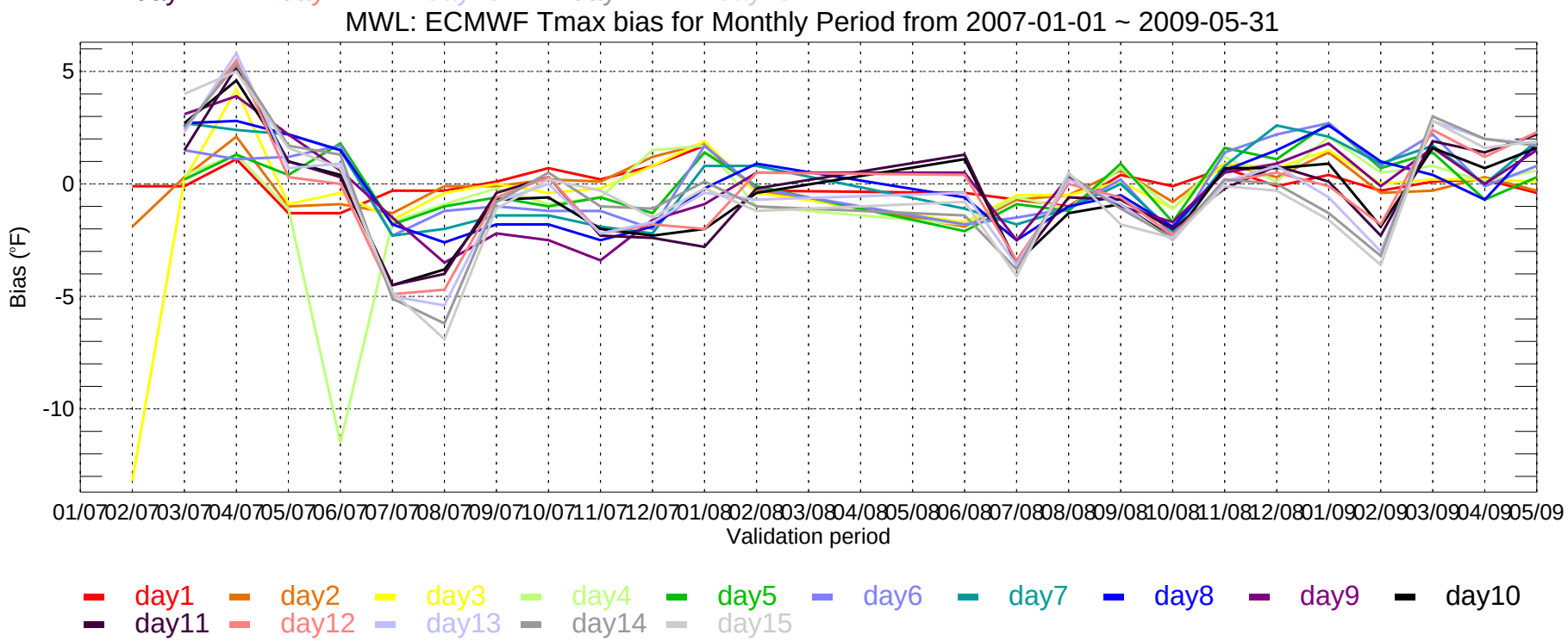

MSY: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

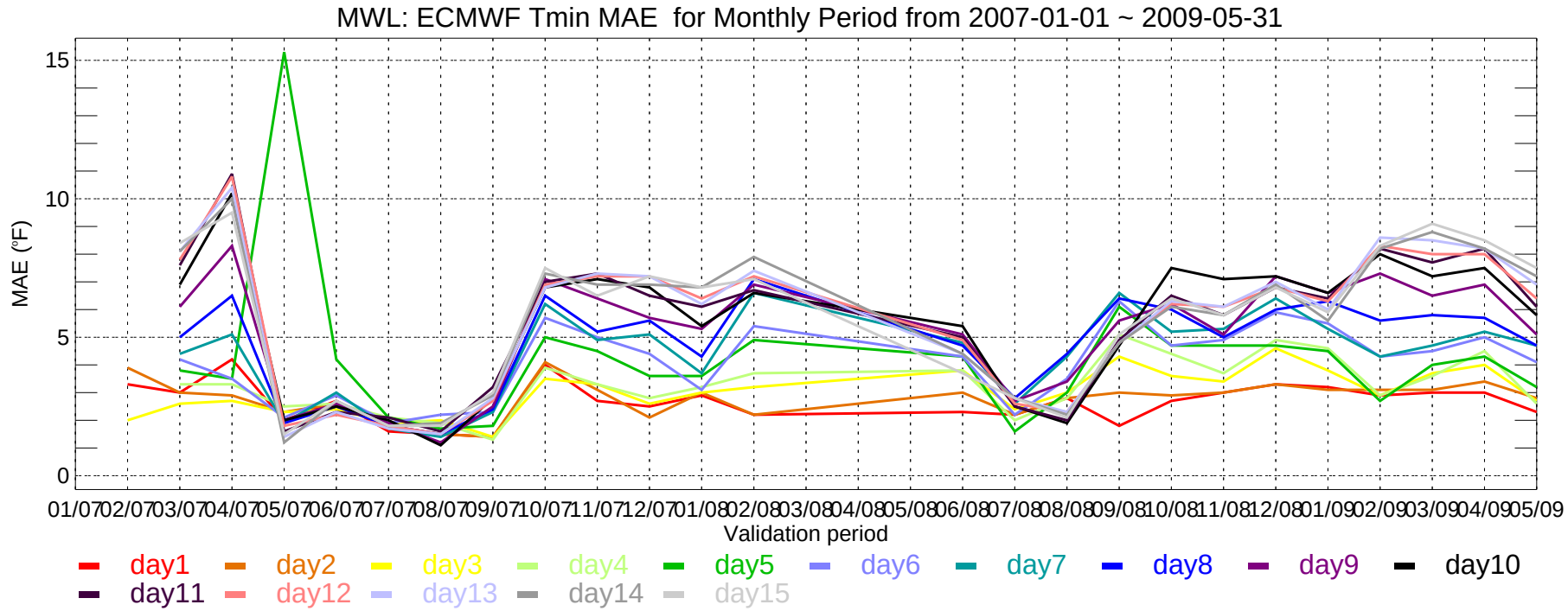

MSY: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MSY: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MSY: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
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 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MWL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MWL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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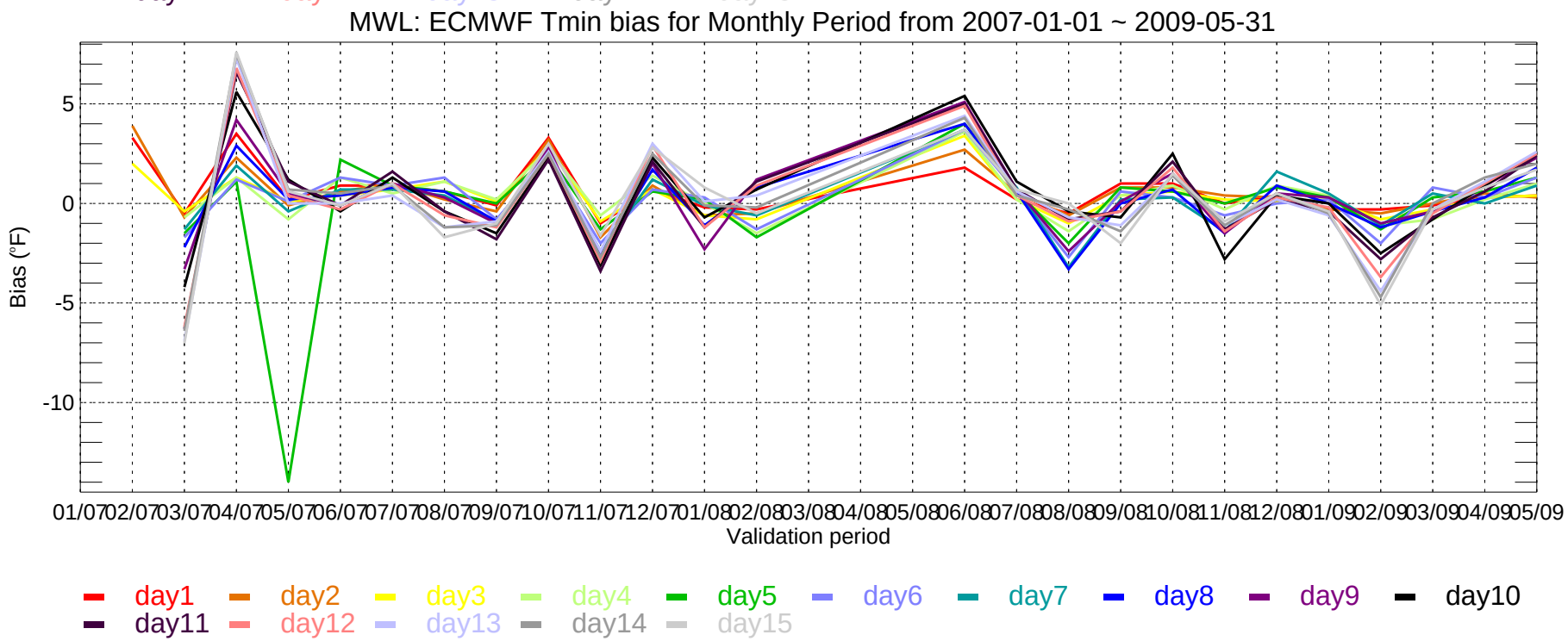
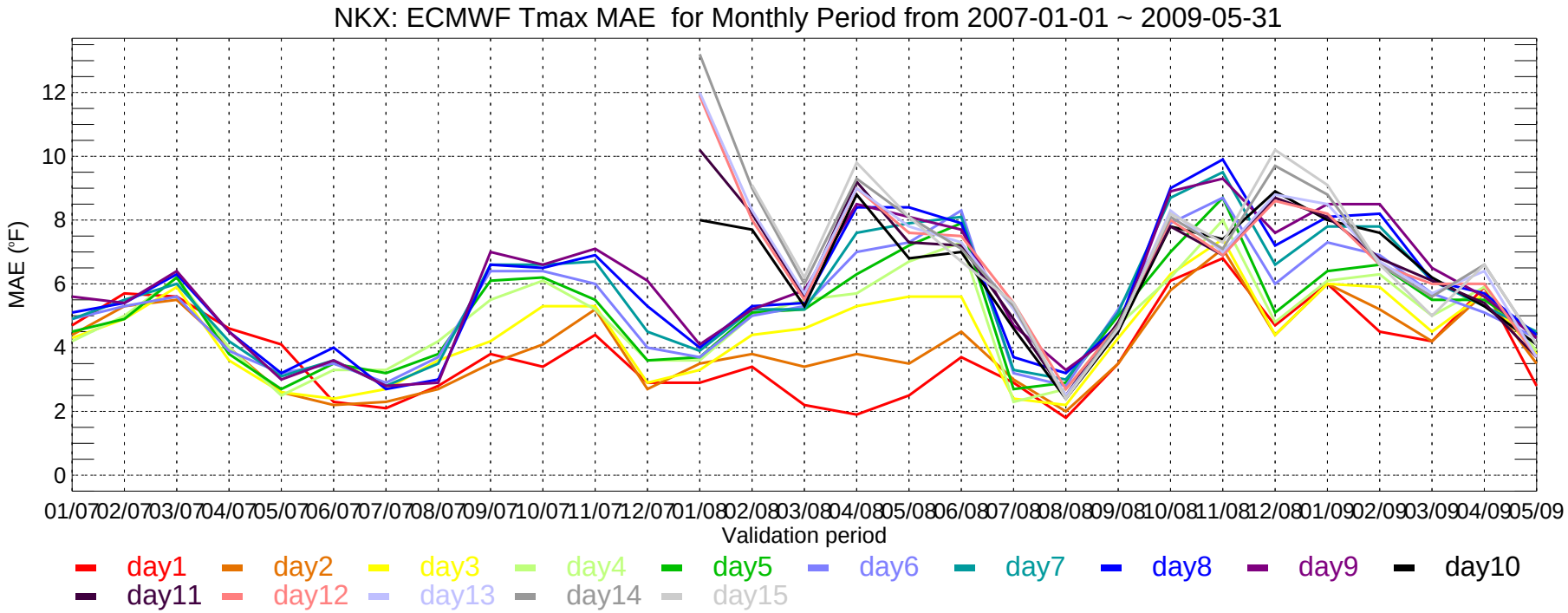
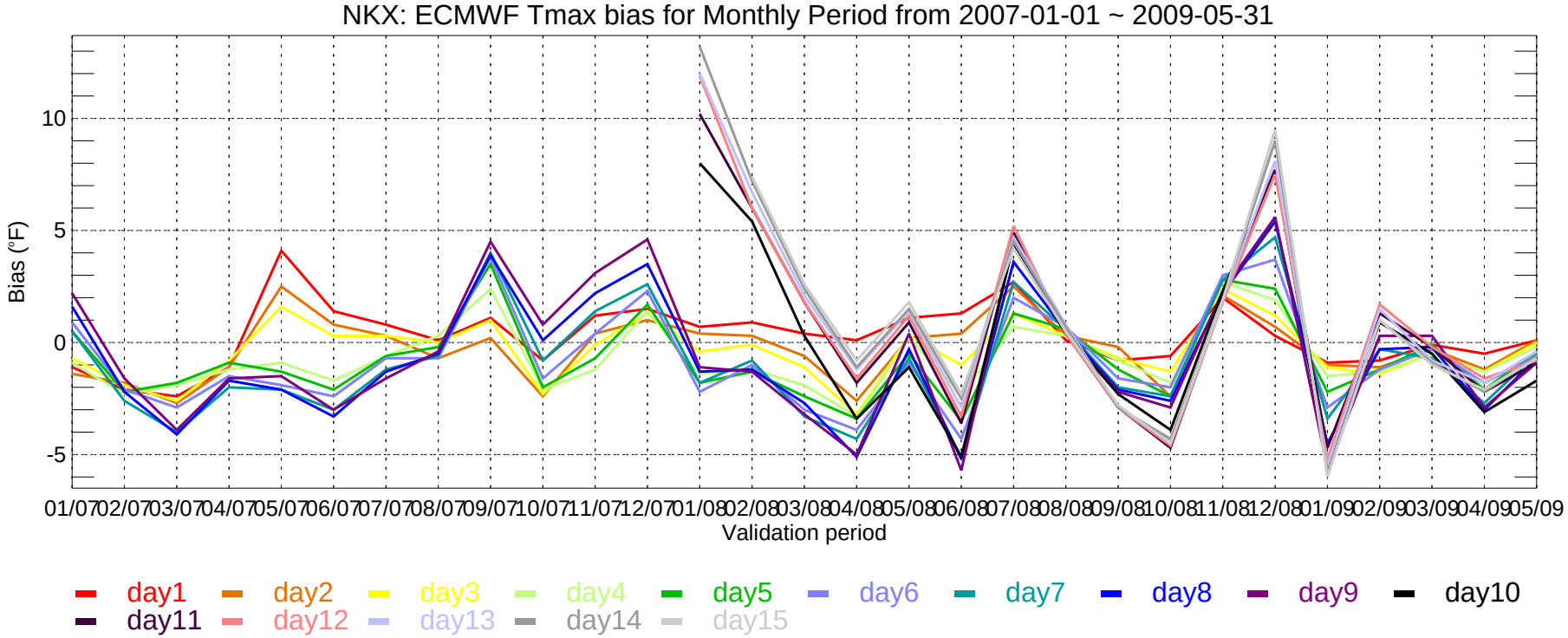
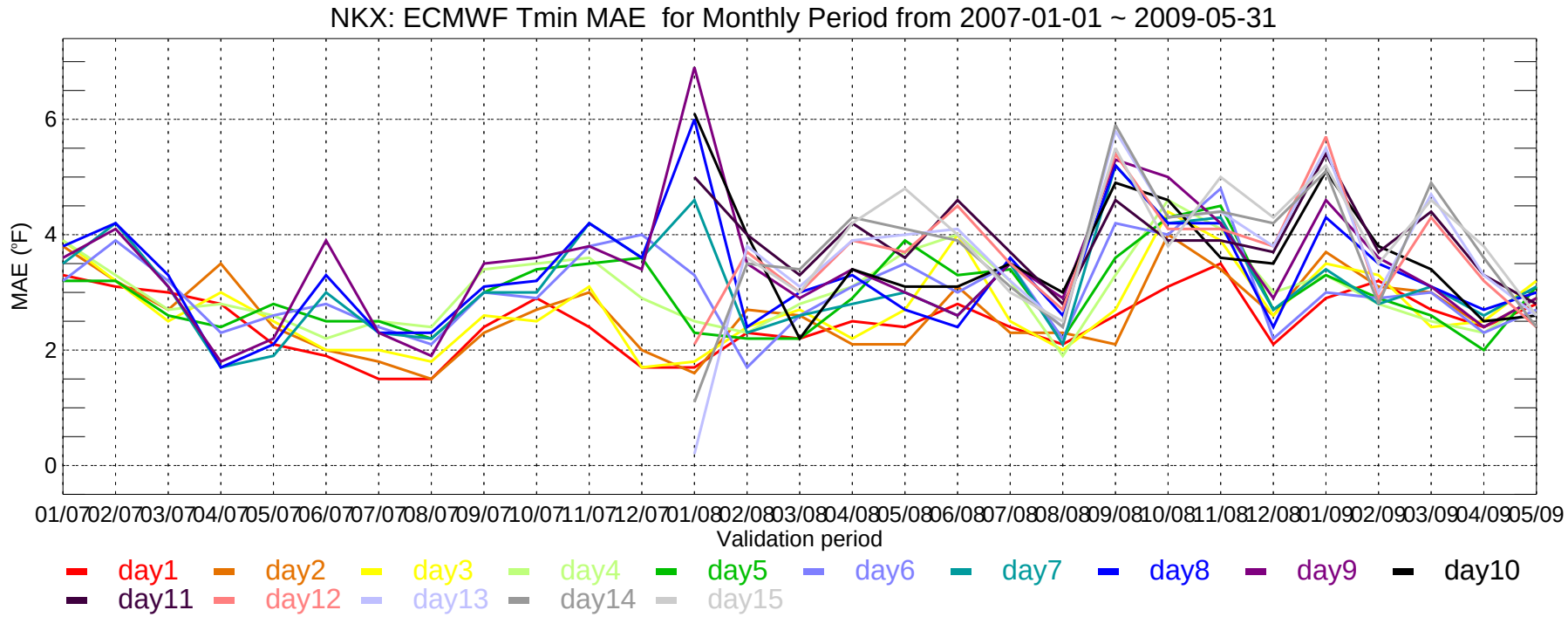
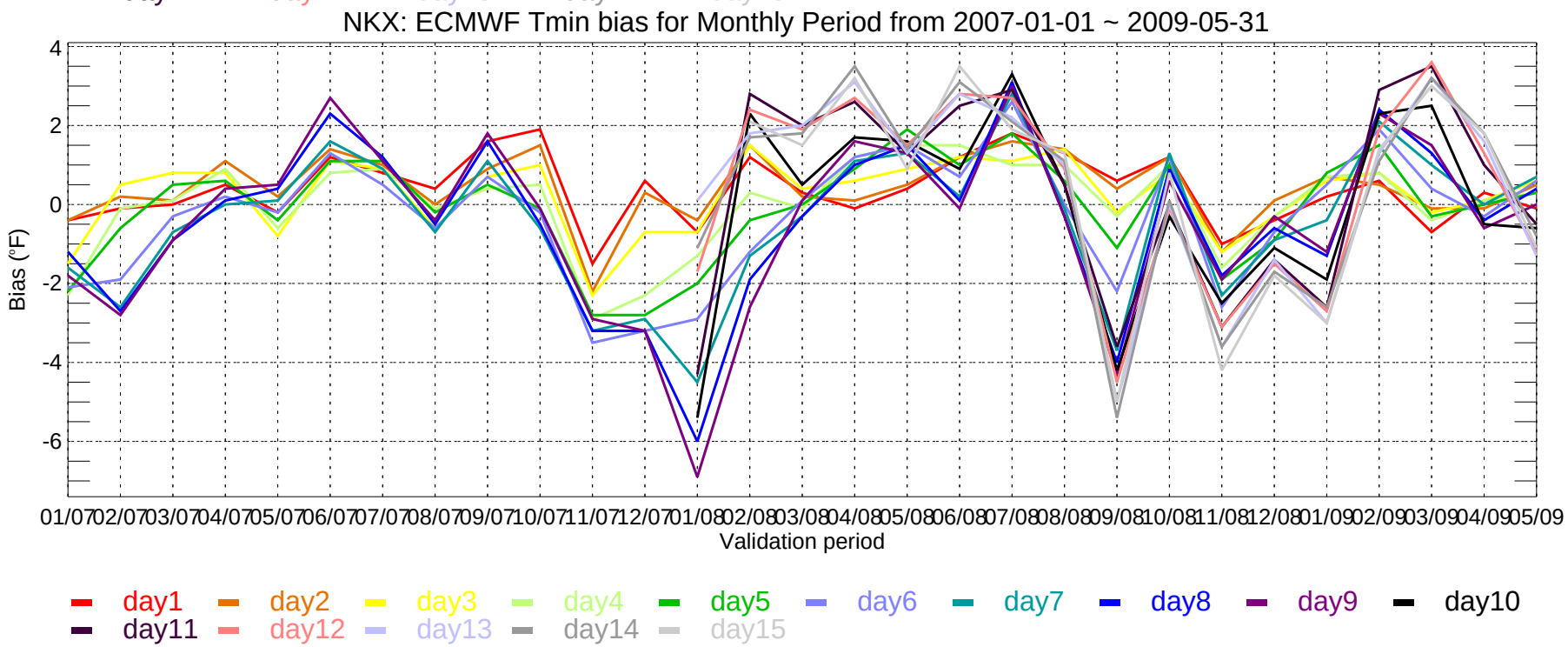
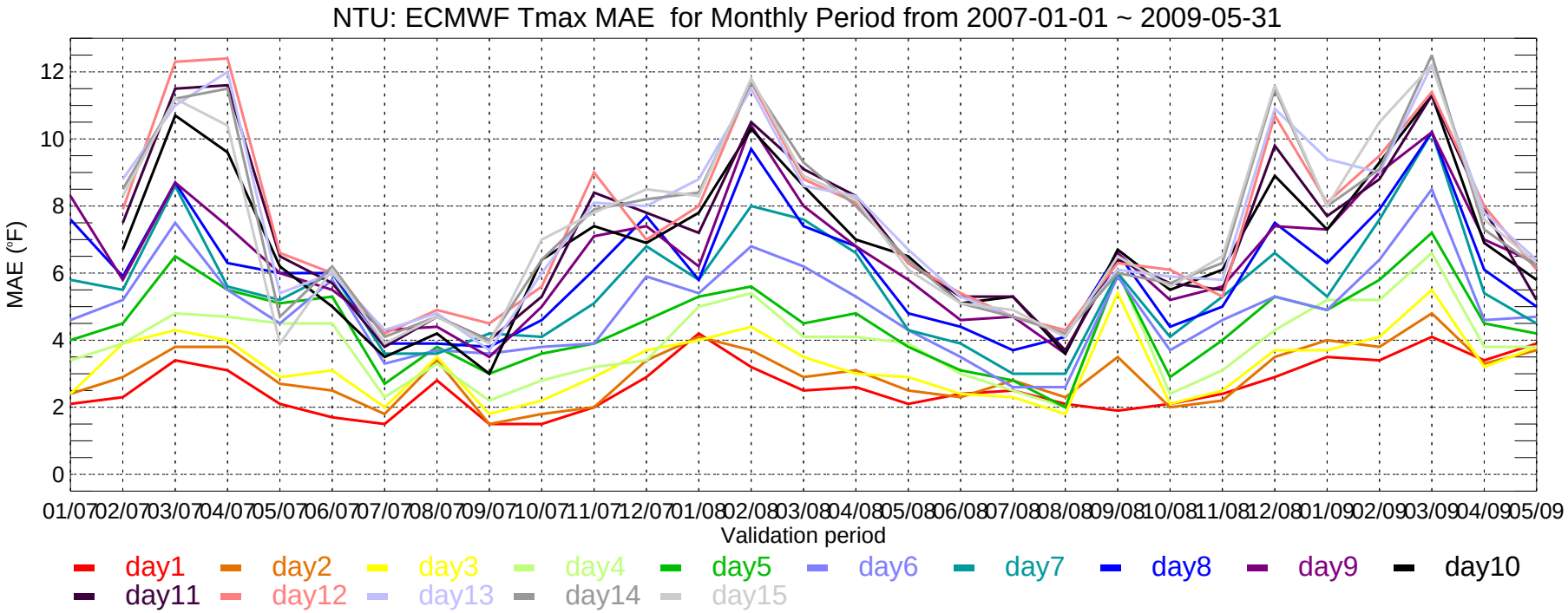

MWL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

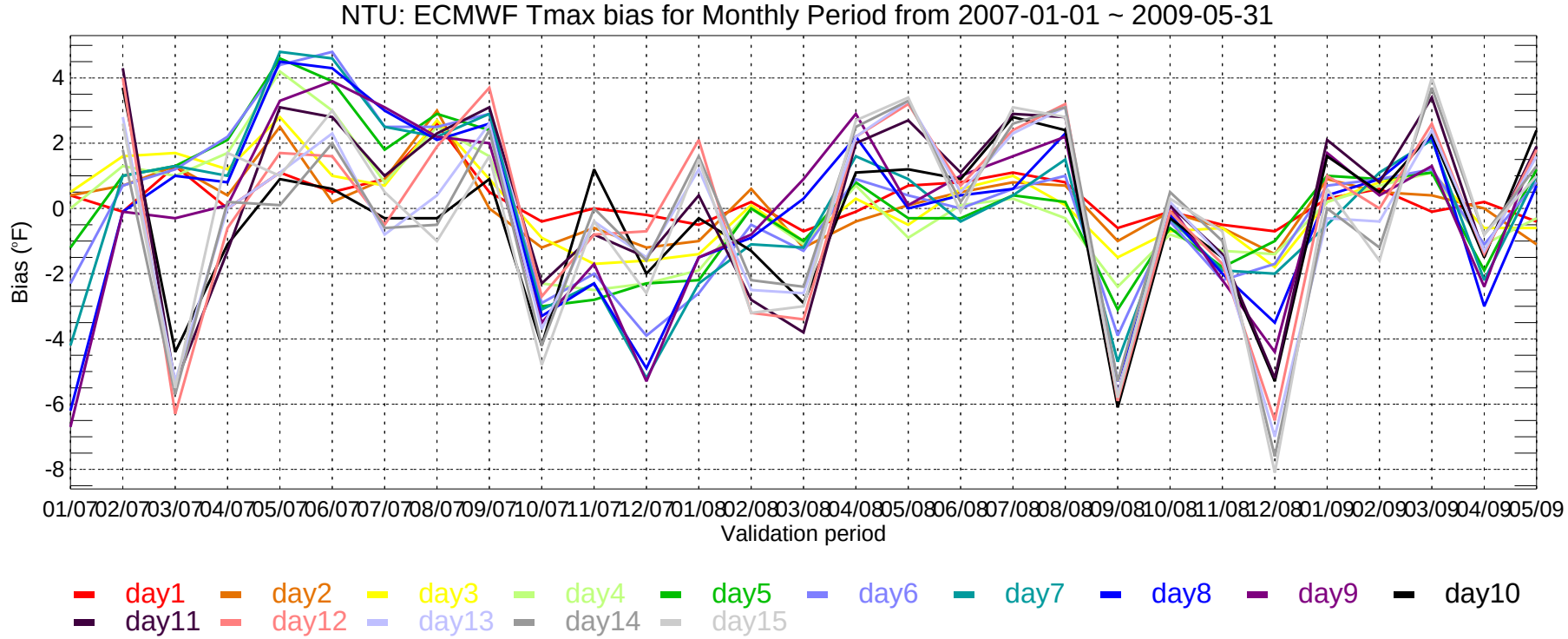

NKX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

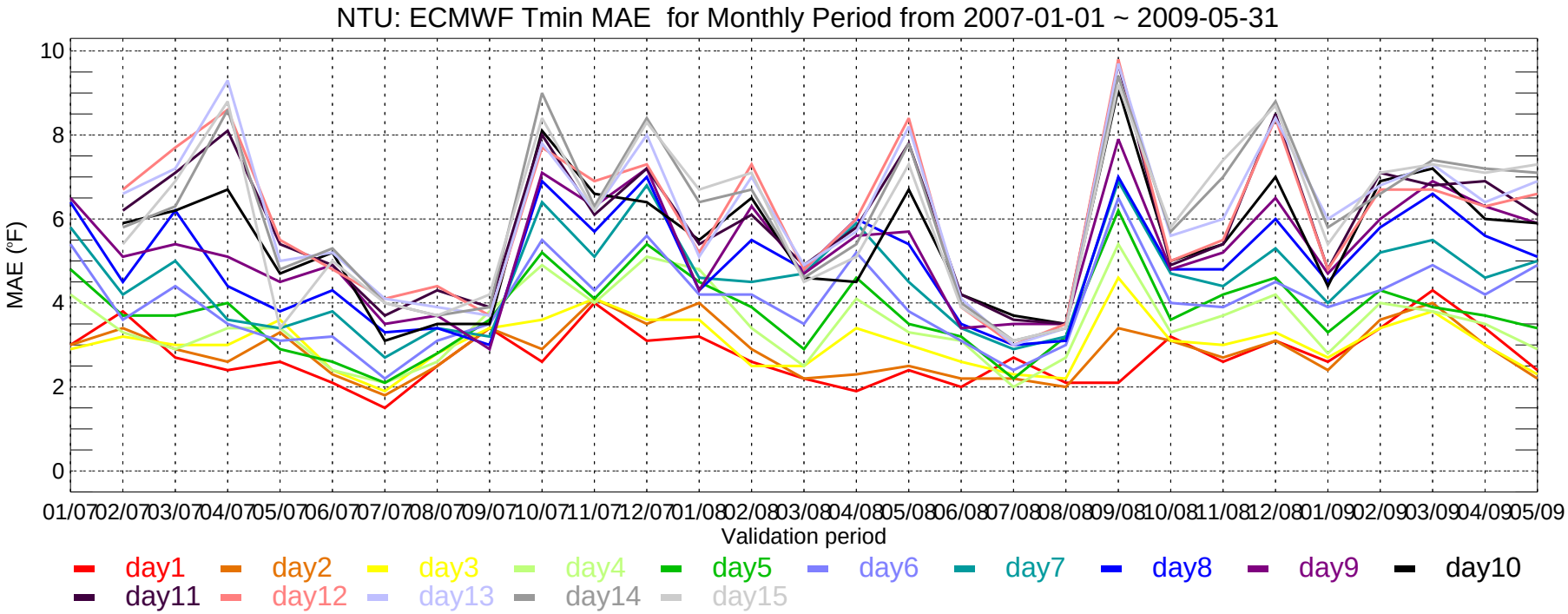

NKX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

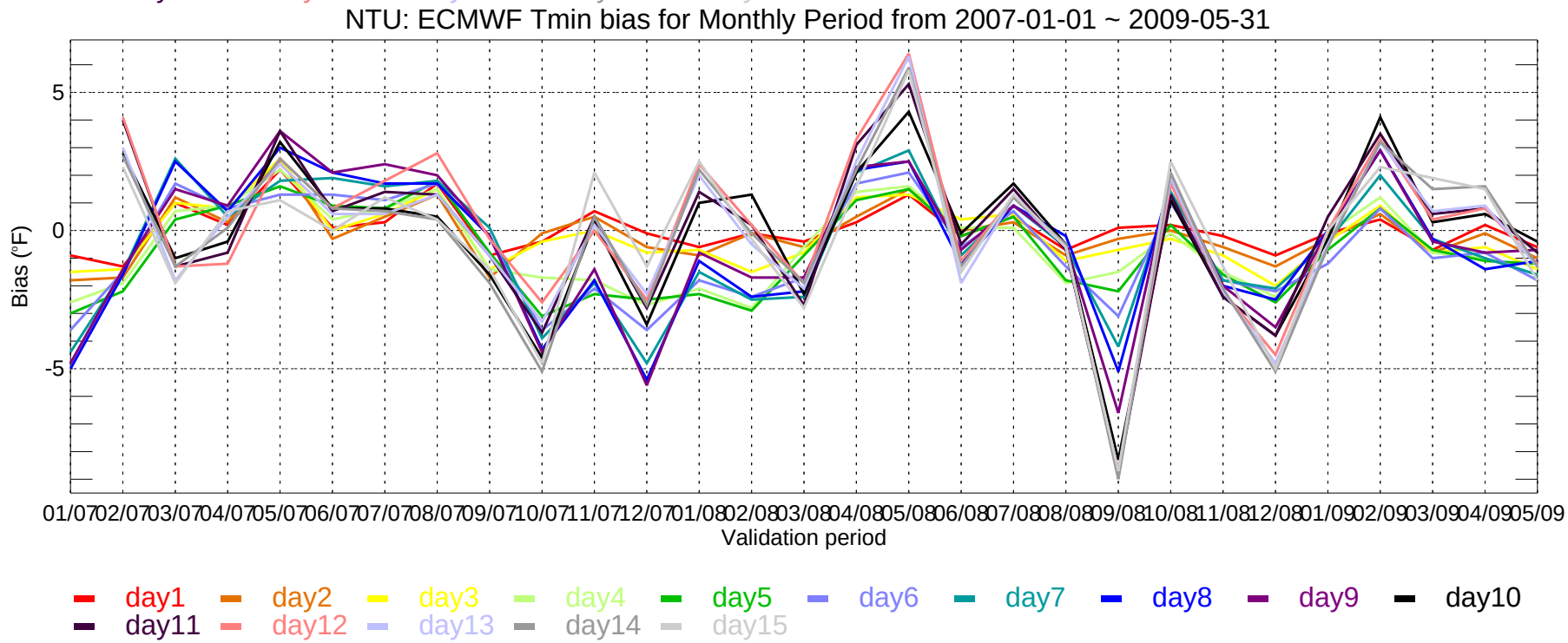

NKX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

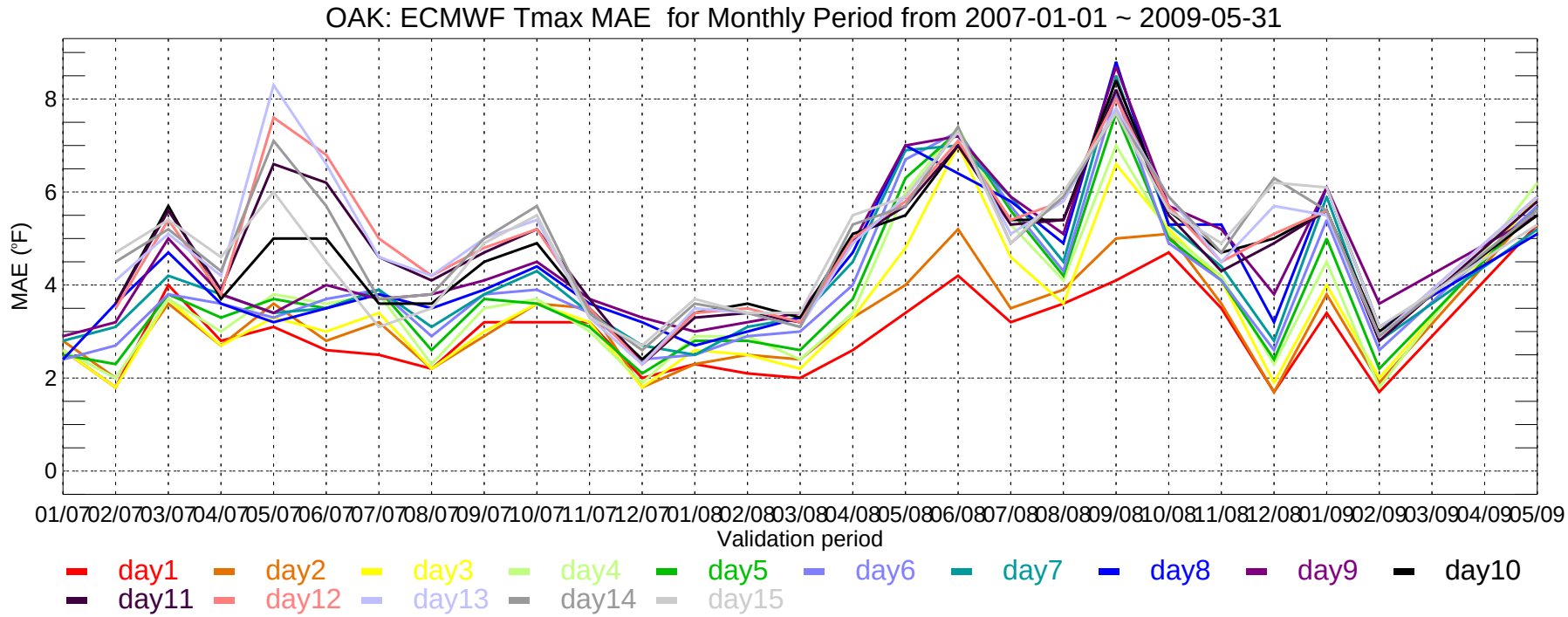

NKX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

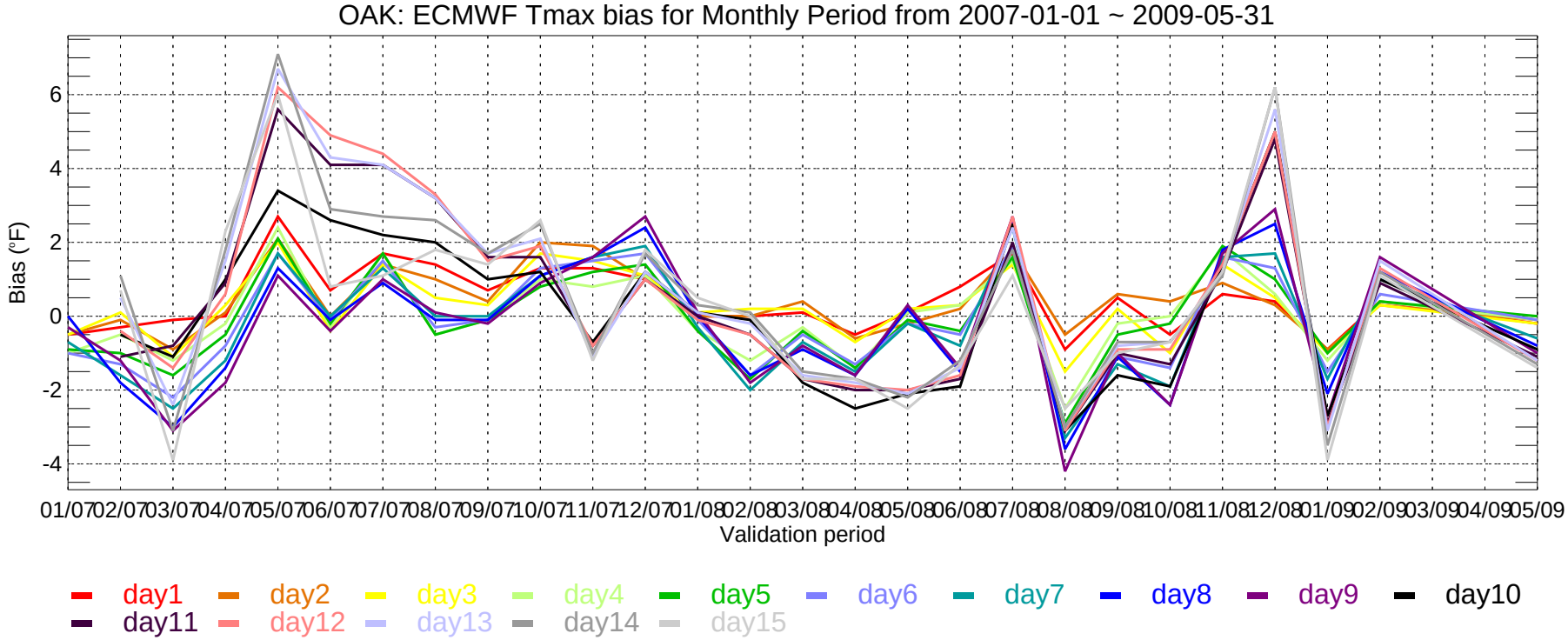

NTU: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

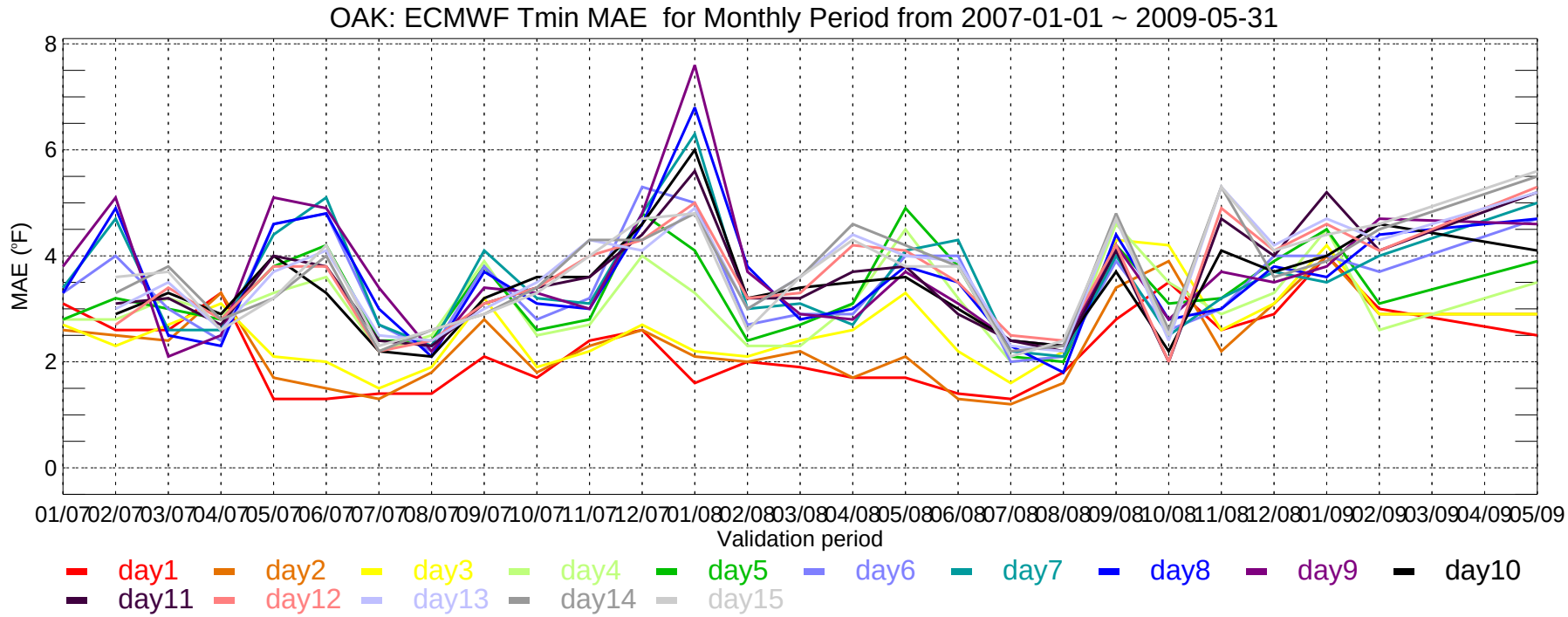

NTU: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-8
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

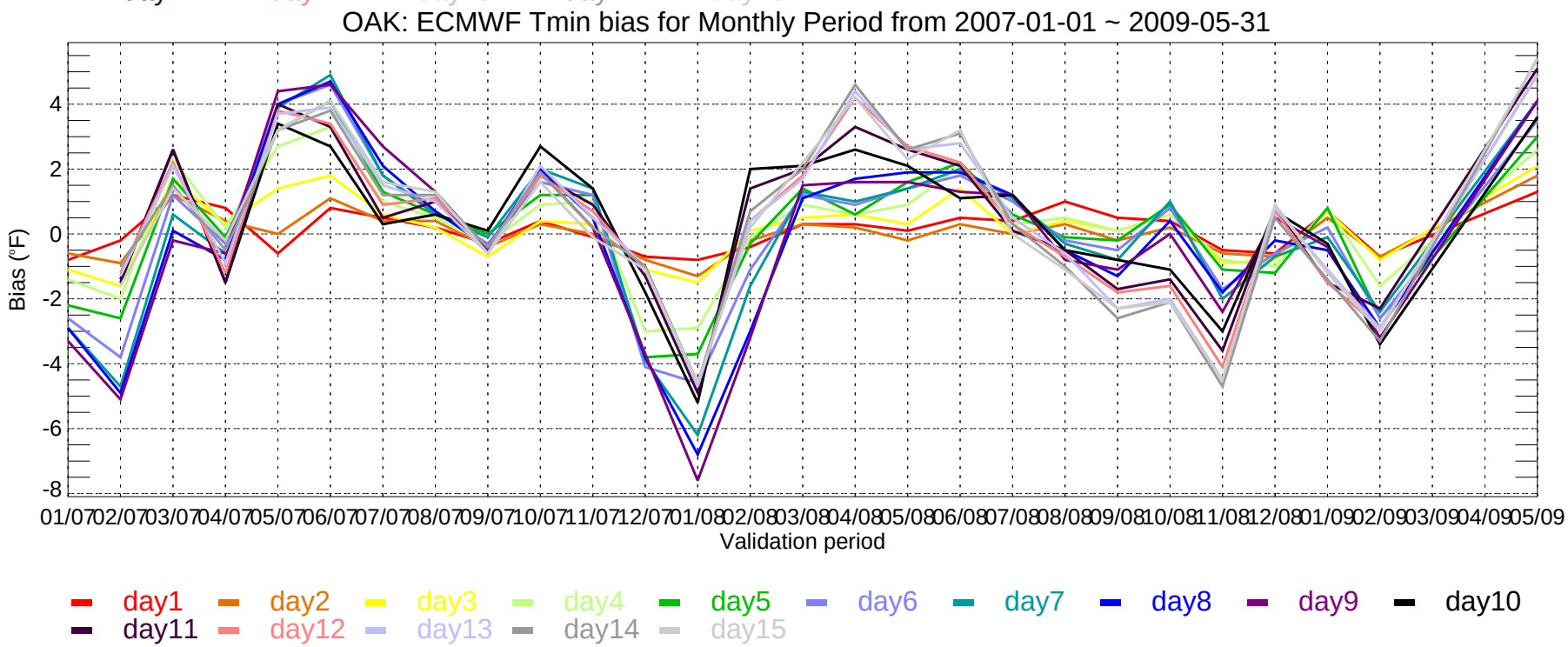

NTU: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

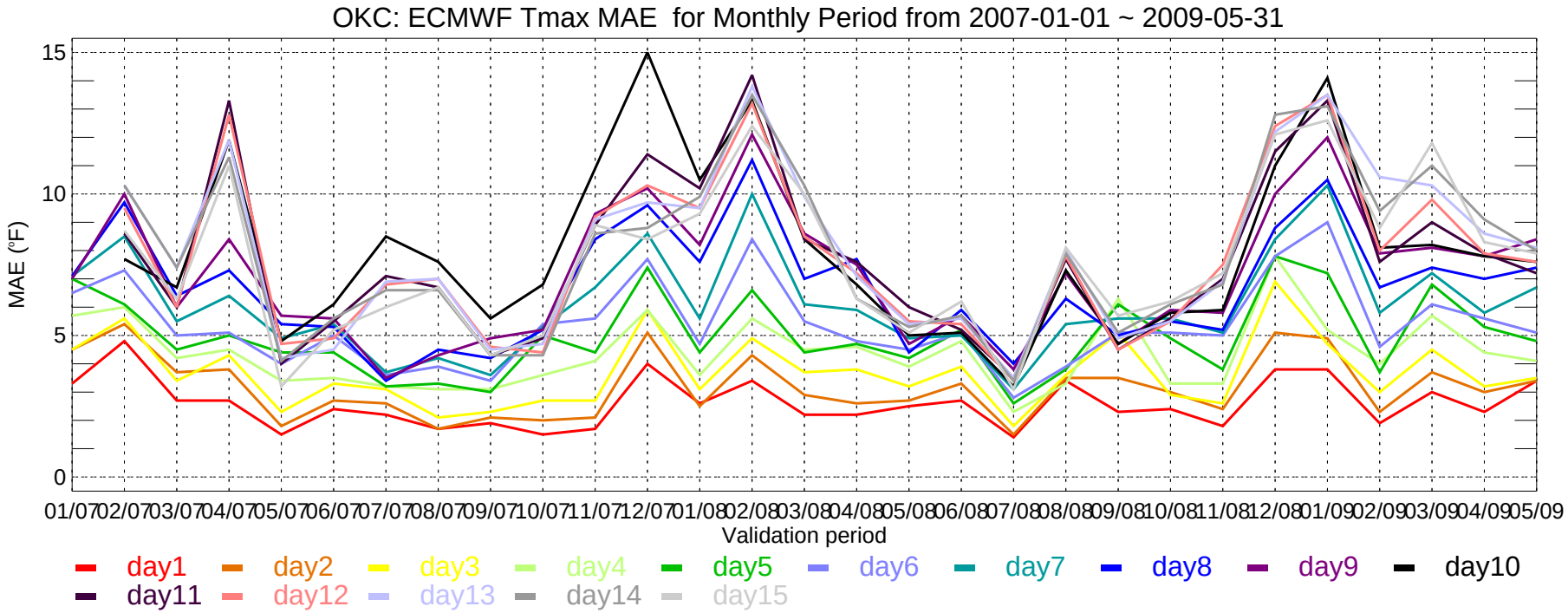

NTU: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


OAK: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


OAK: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


OAK: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


OAK: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


OKC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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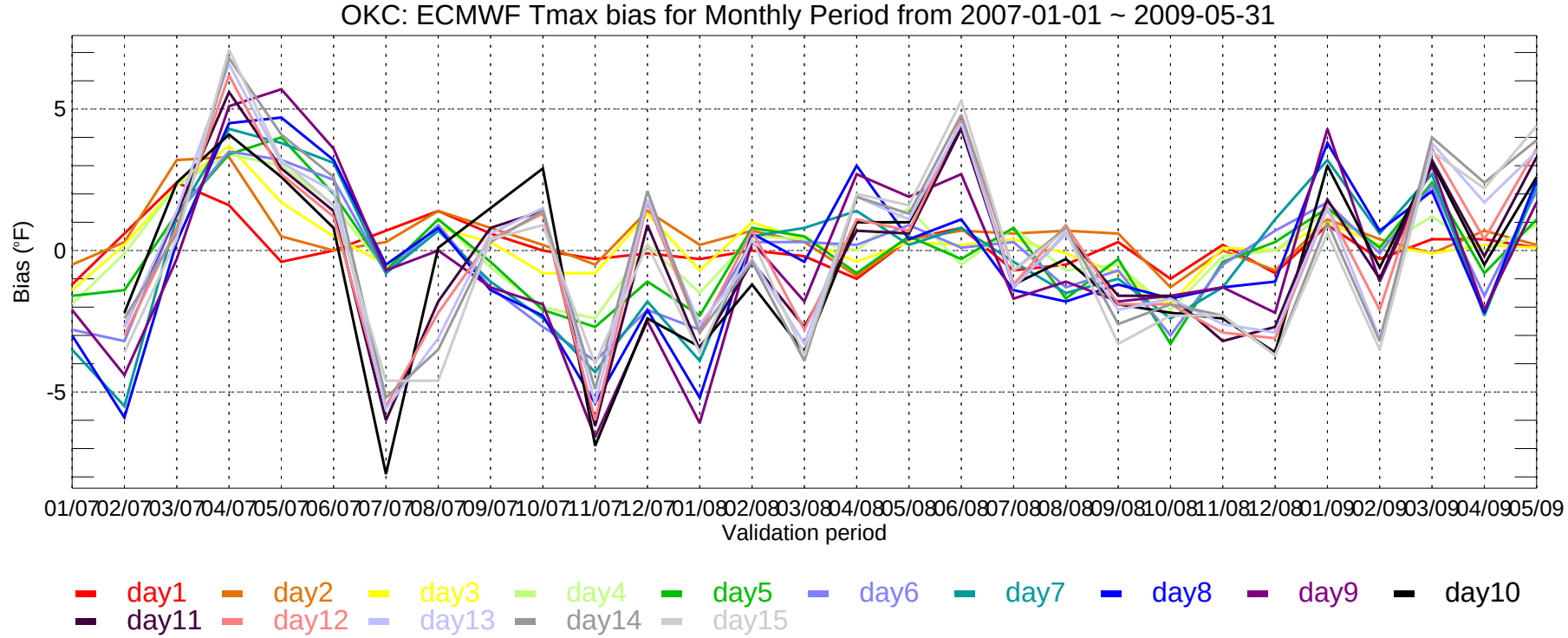
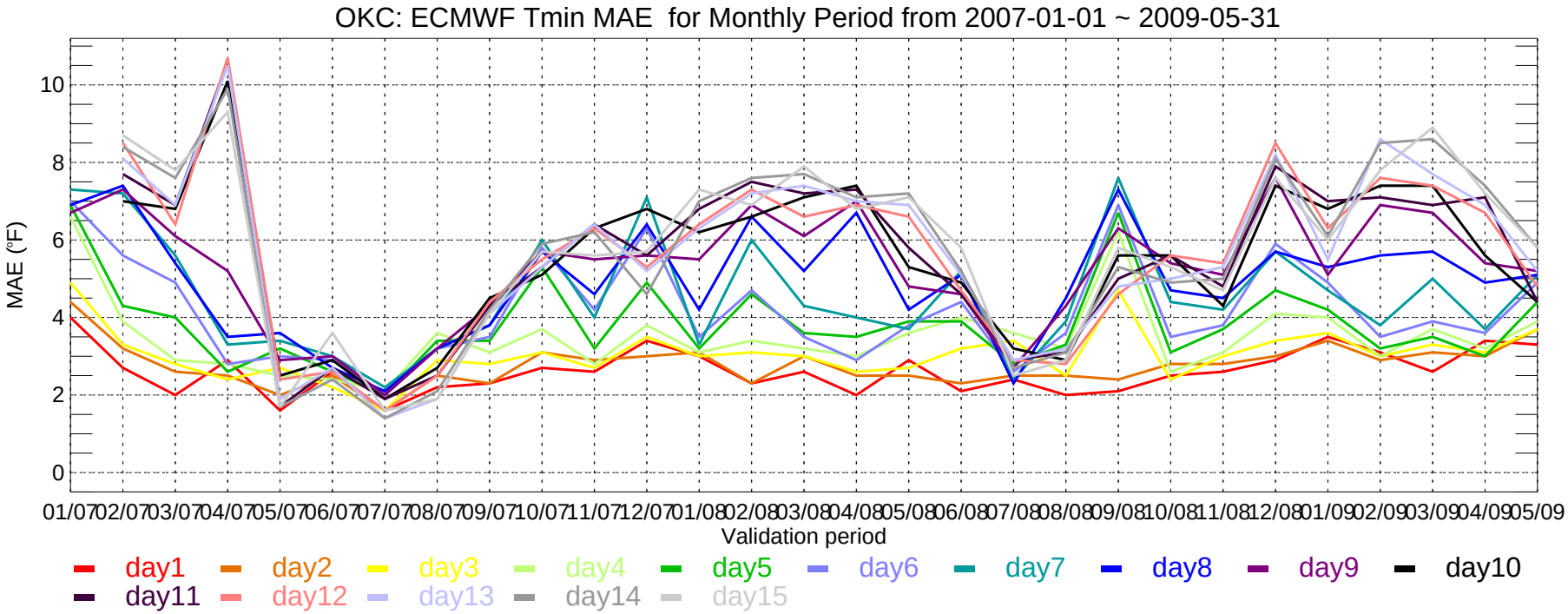
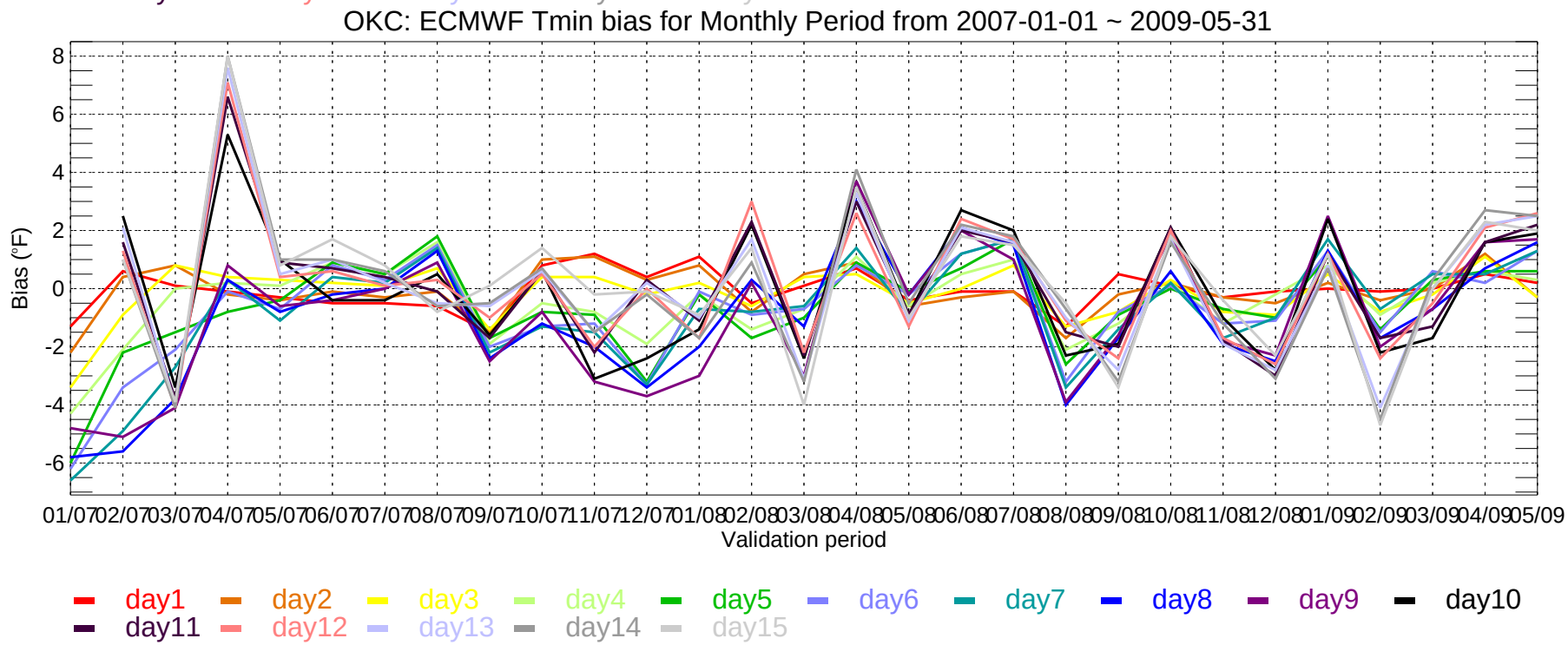
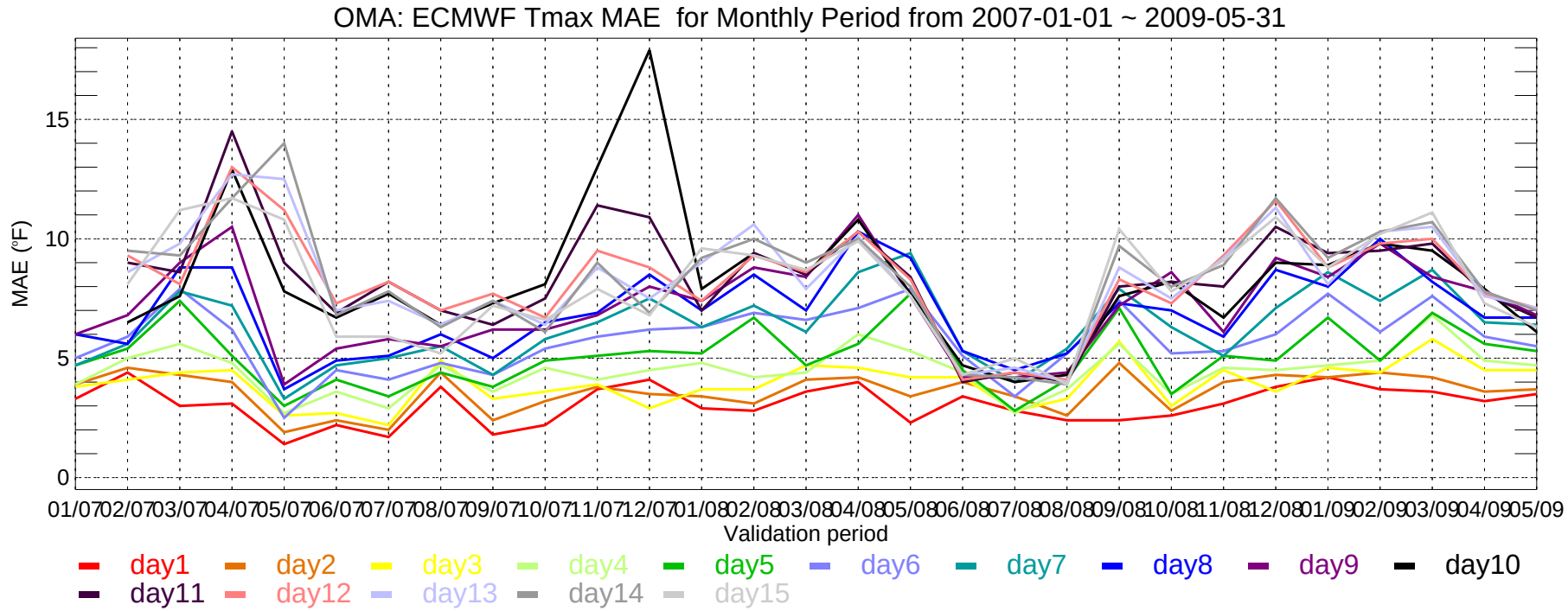
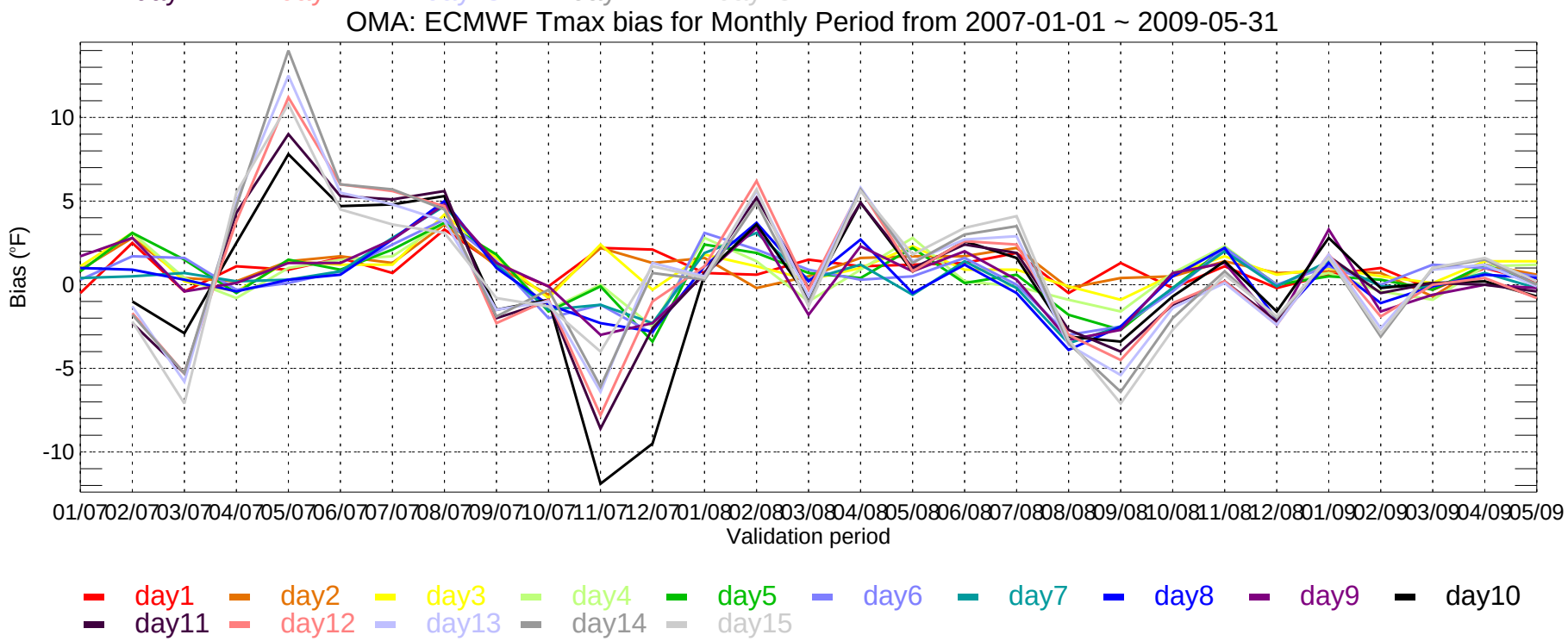
day11 day12 day13 day14 day15

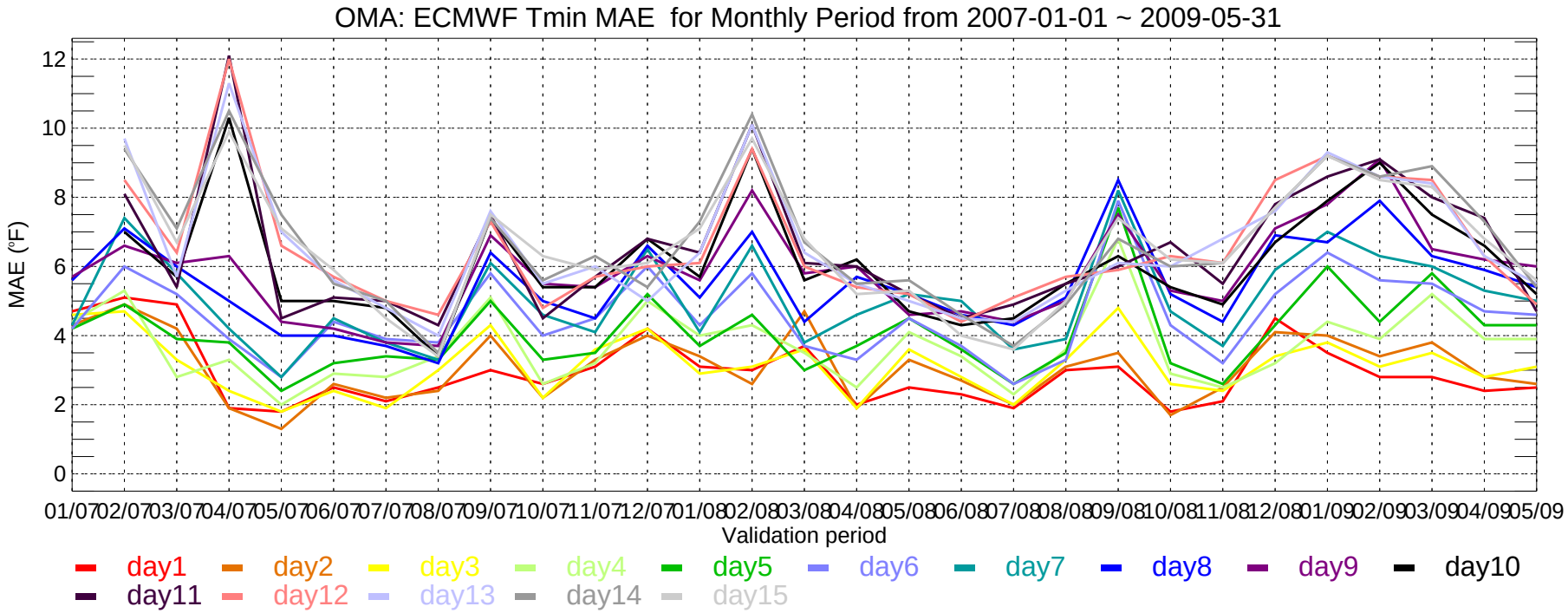

OKC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

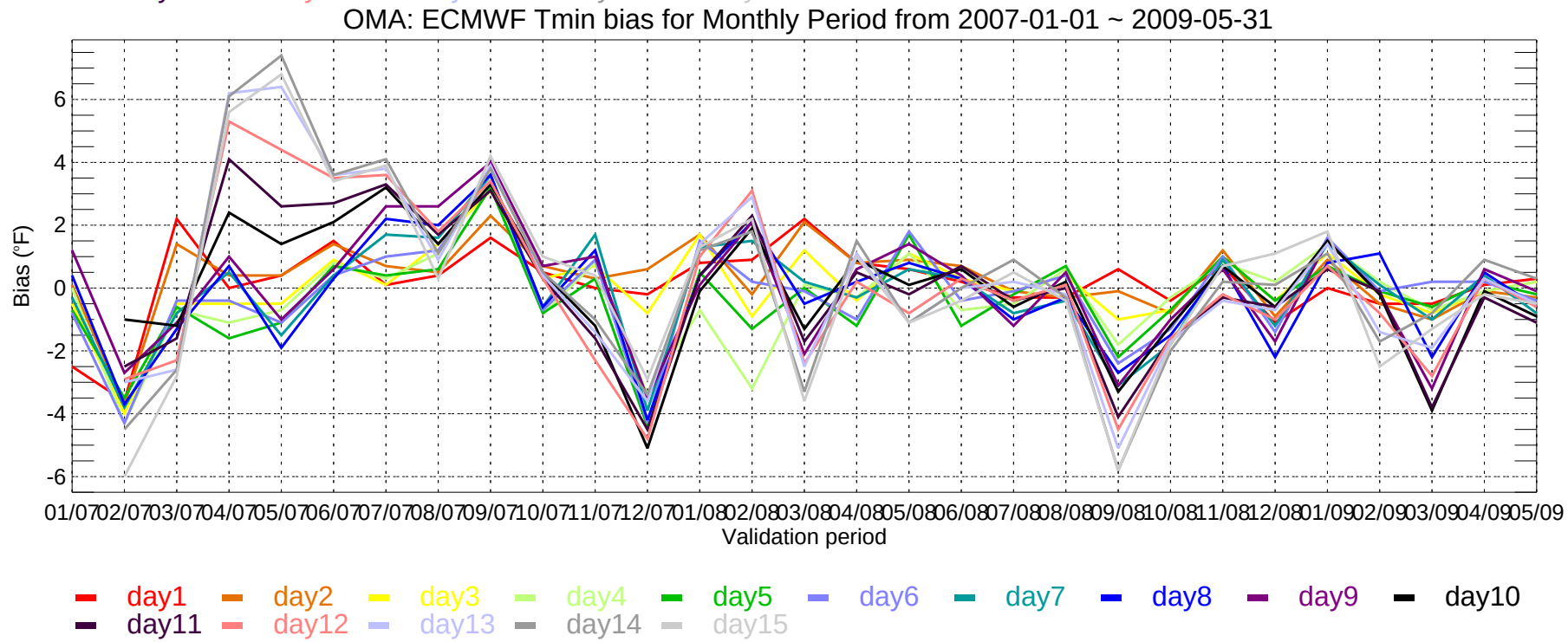

OKC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

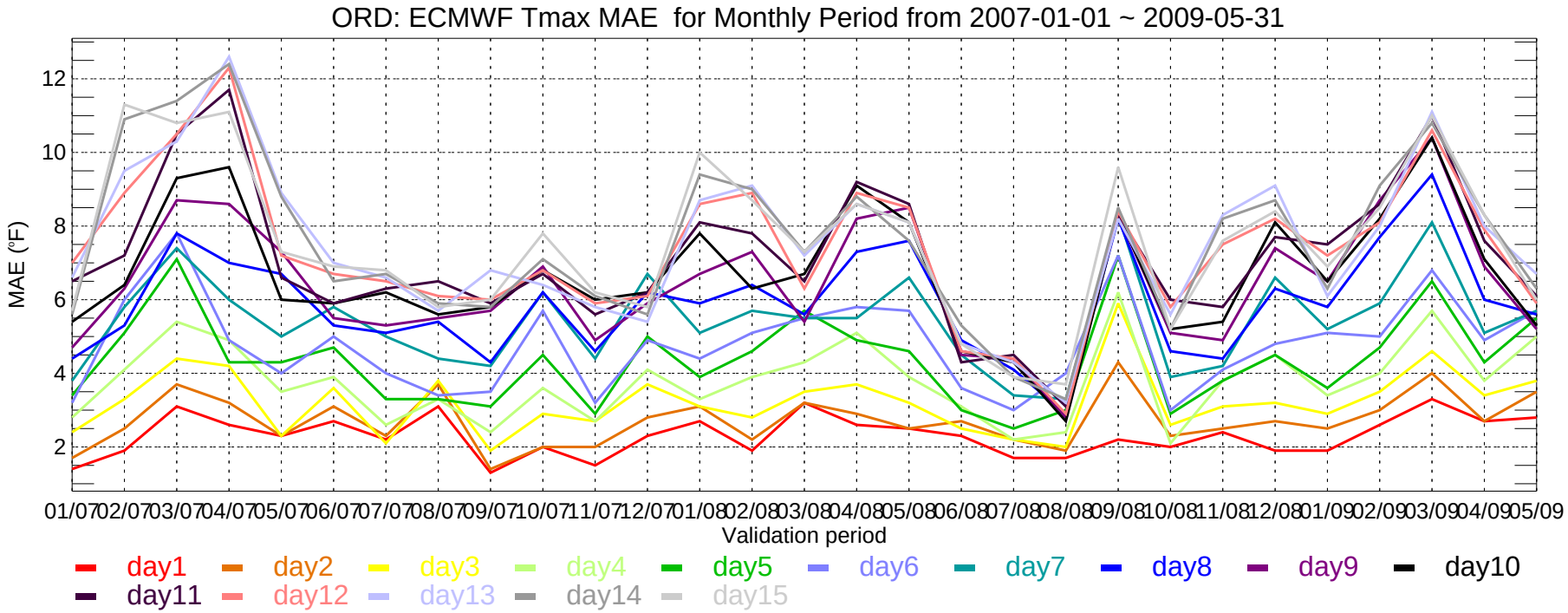

OKC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

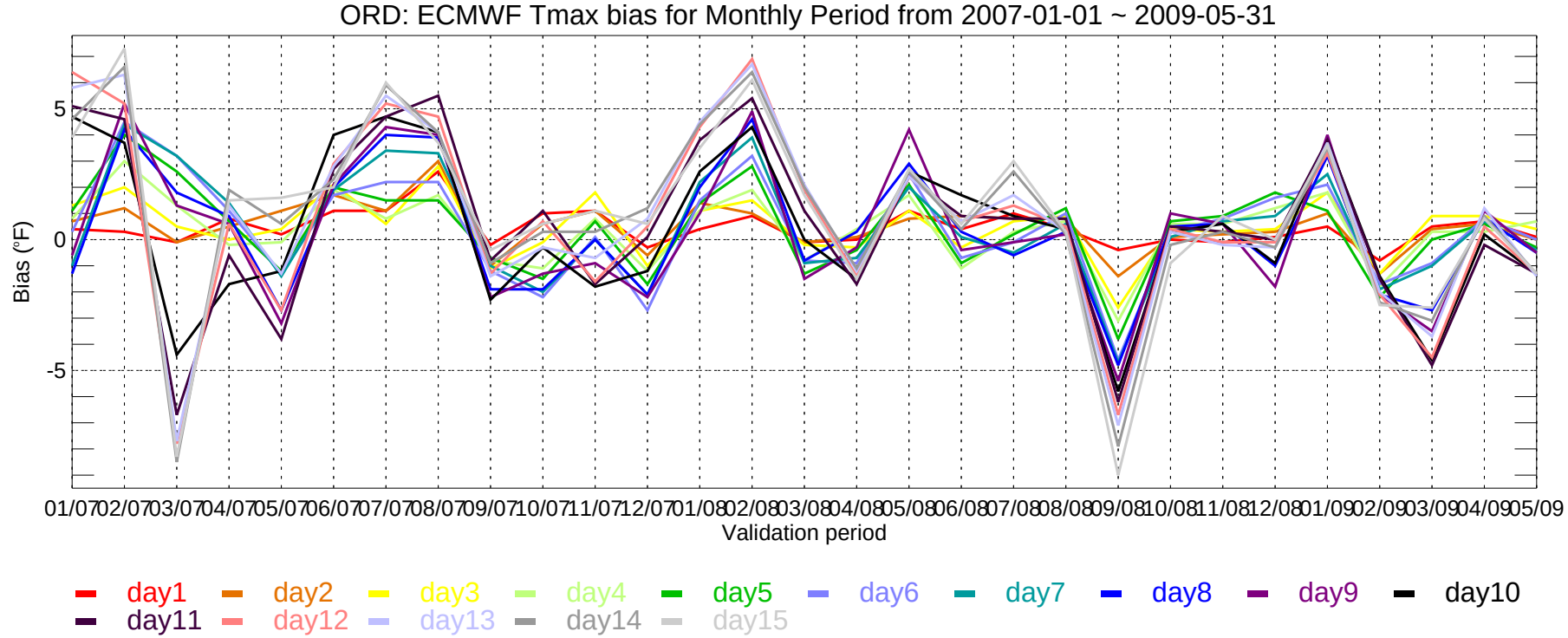

OMA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

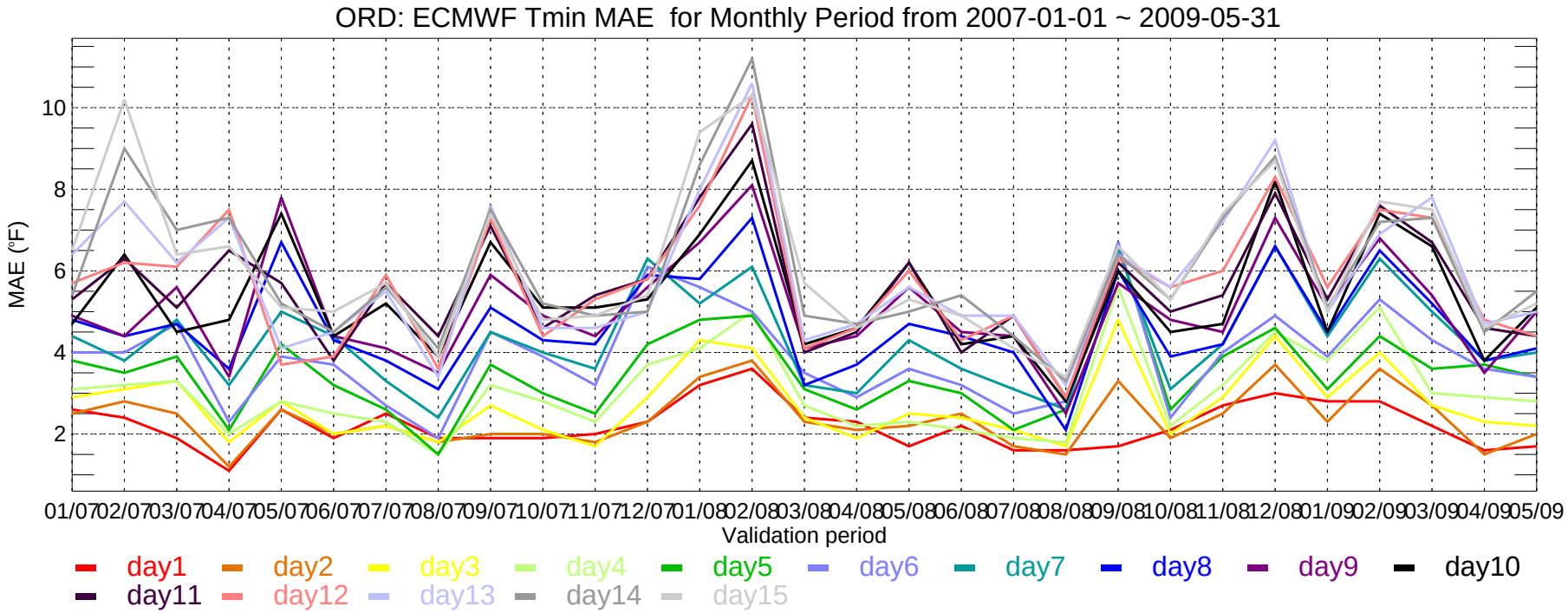

OMA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

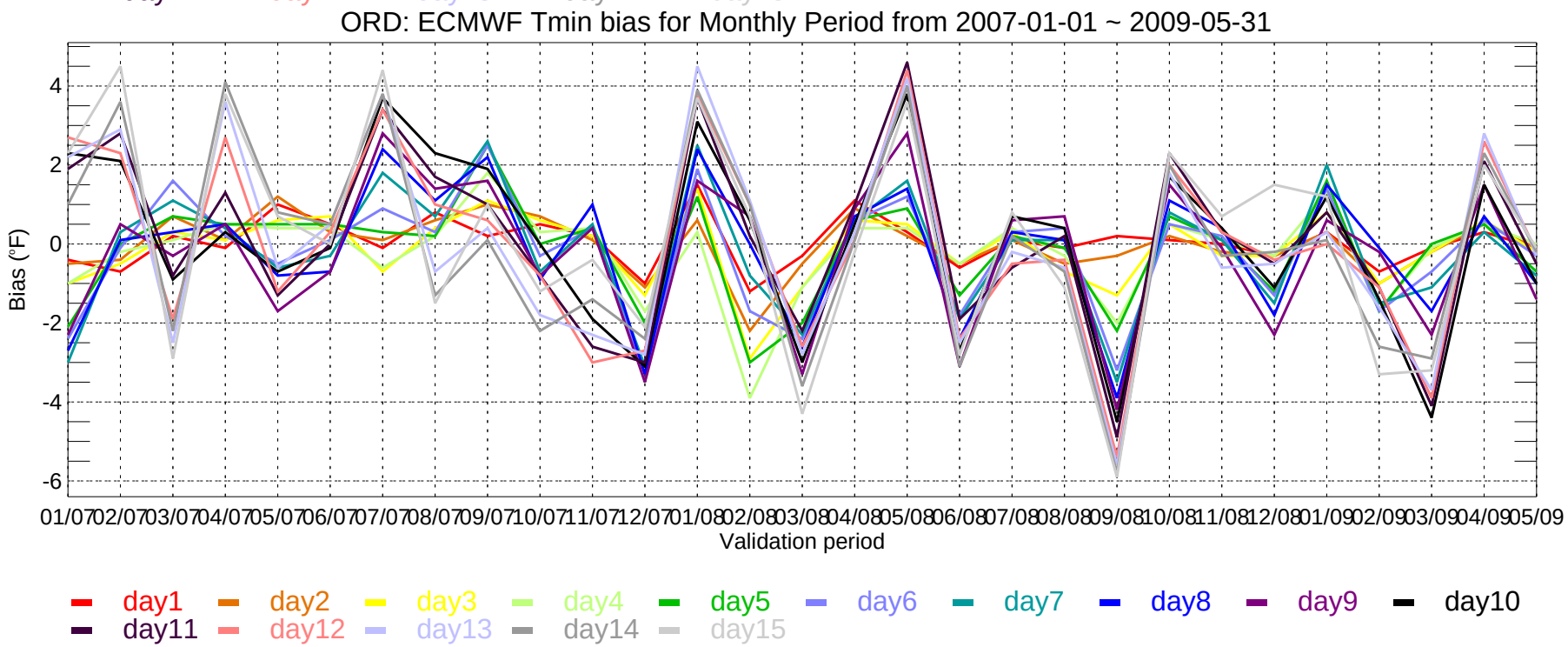

OMA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

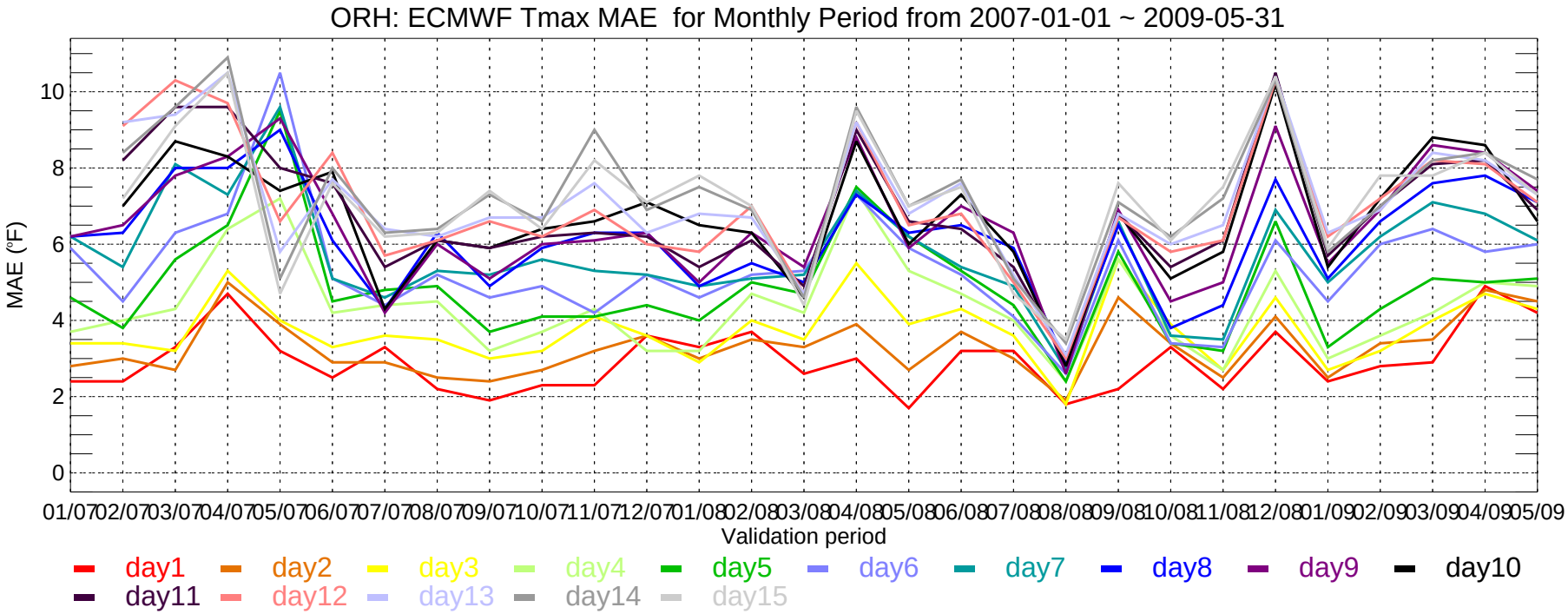

OMA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

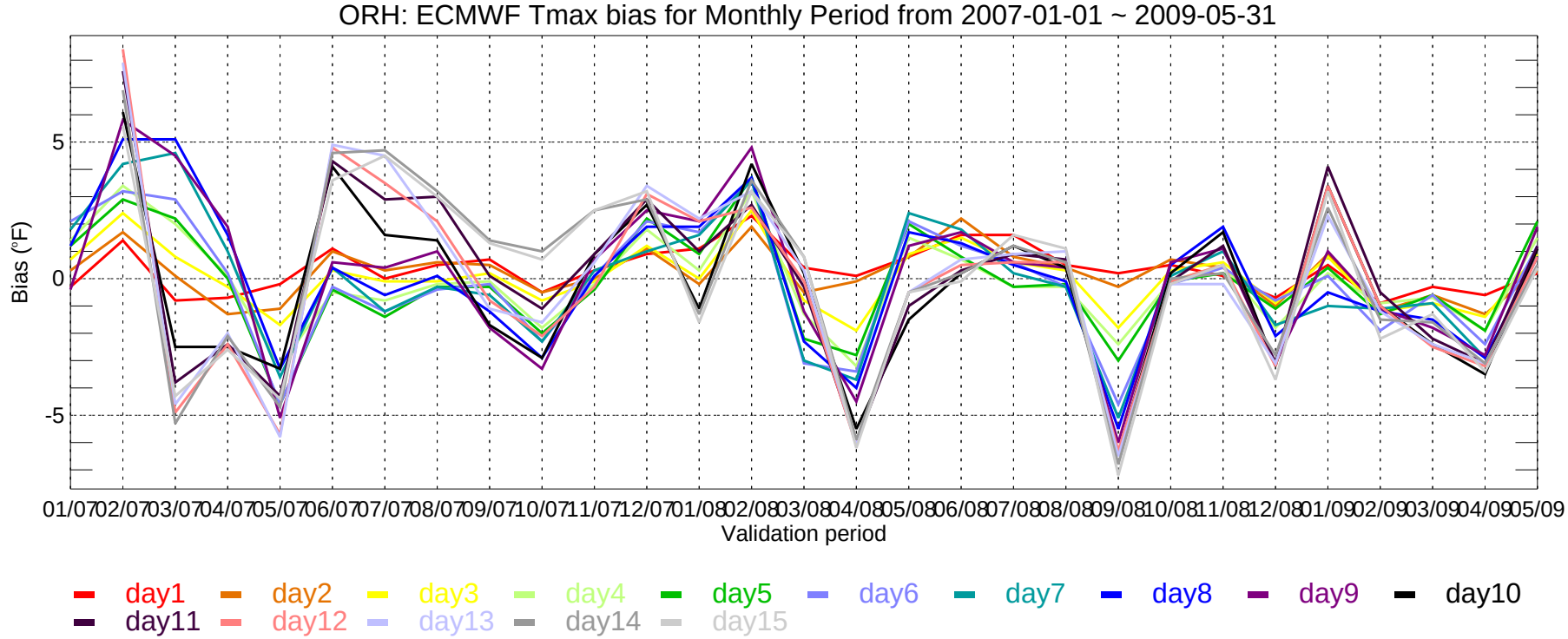

ORD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

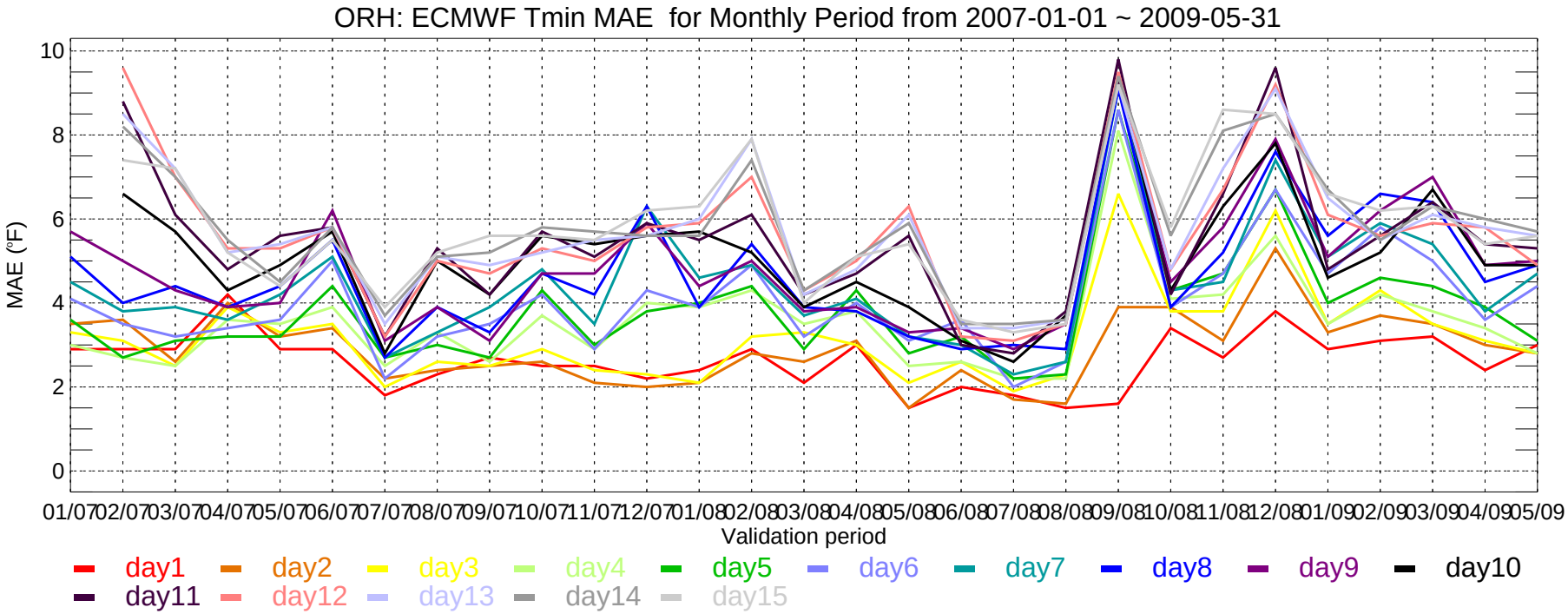

ORD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

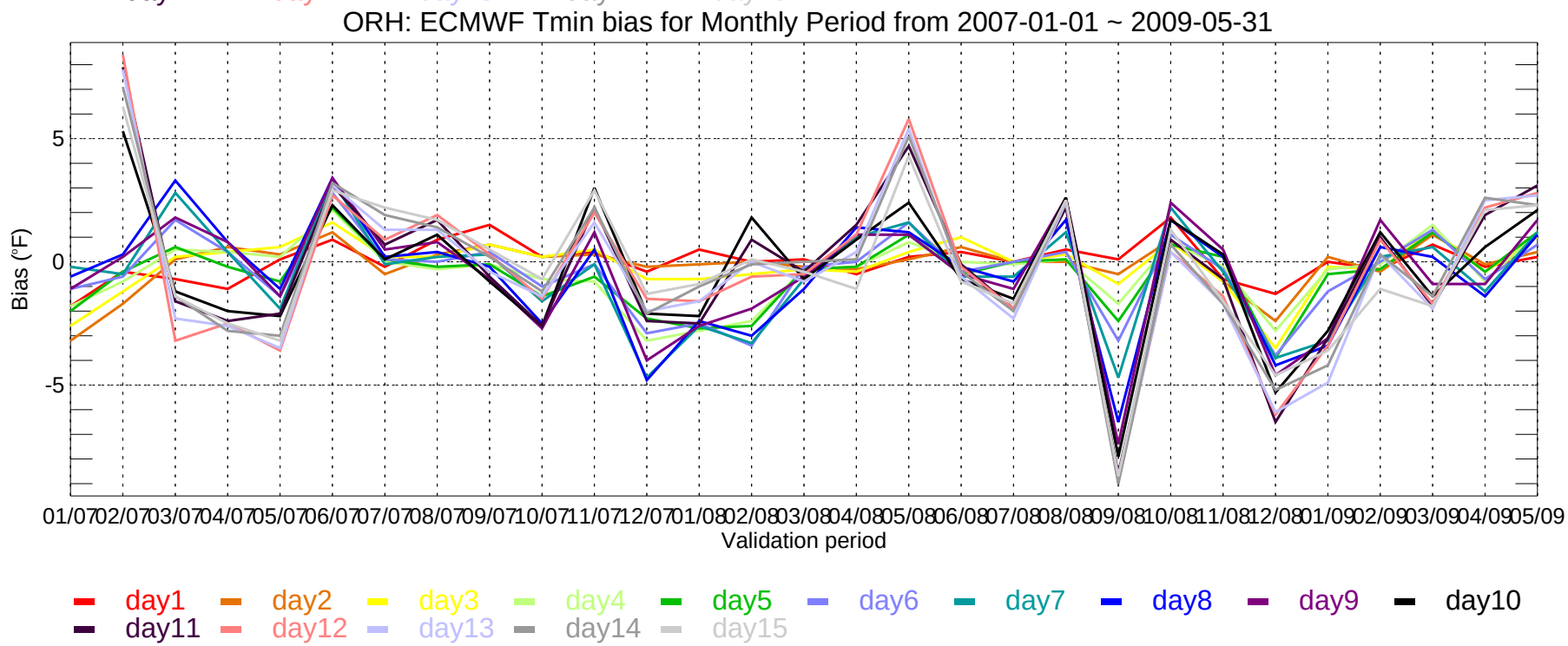

ORD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

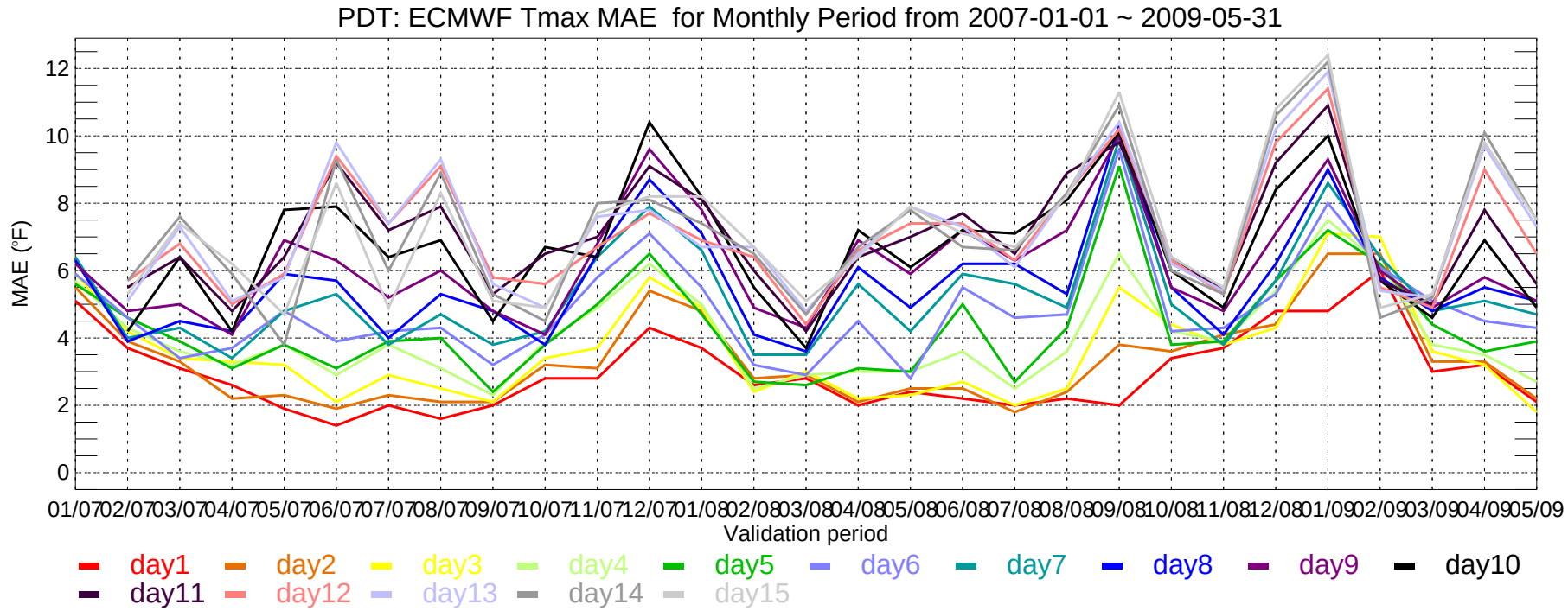

ORD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

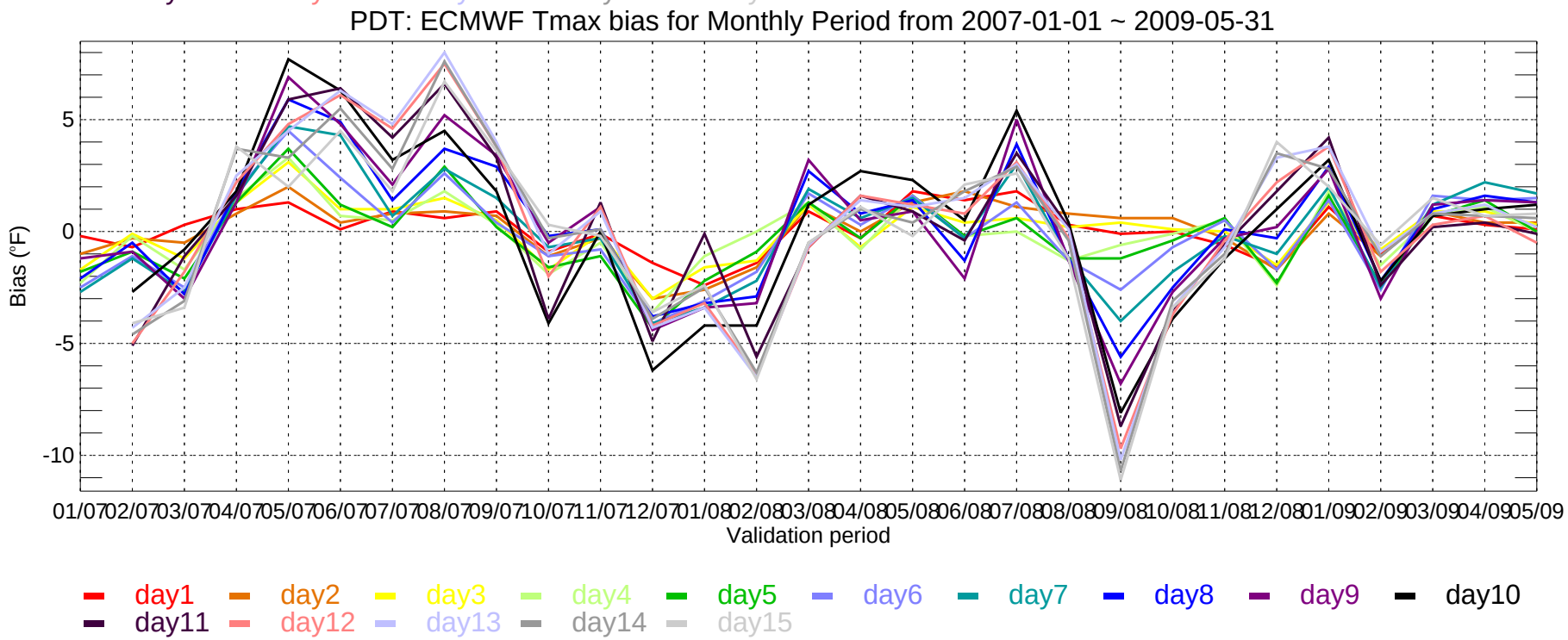

ORH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

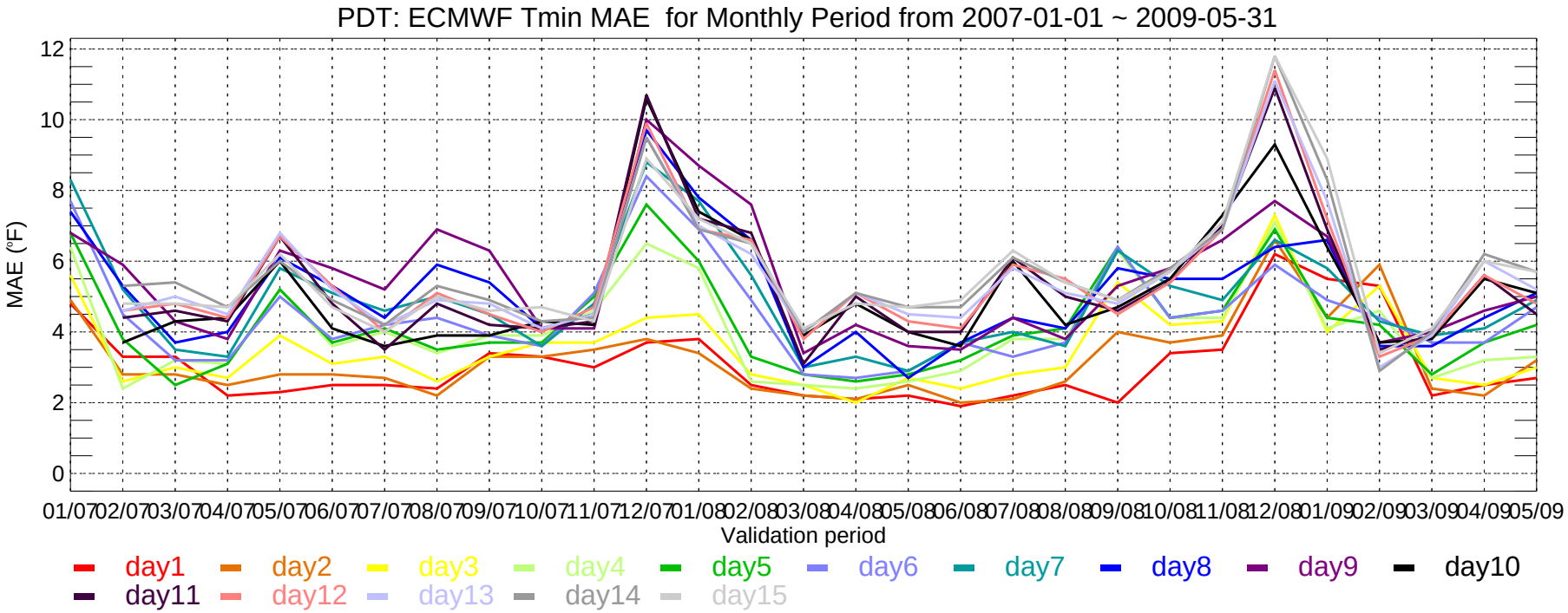

ORH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

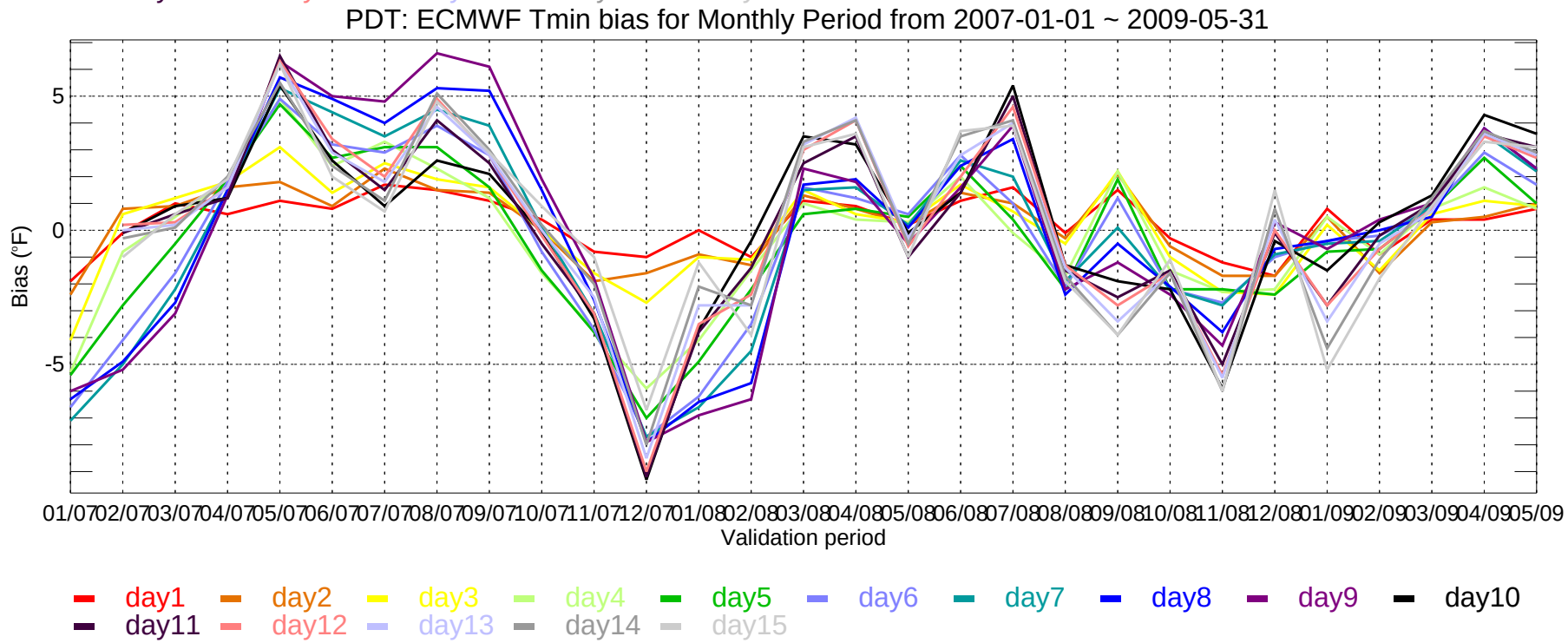

ORH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

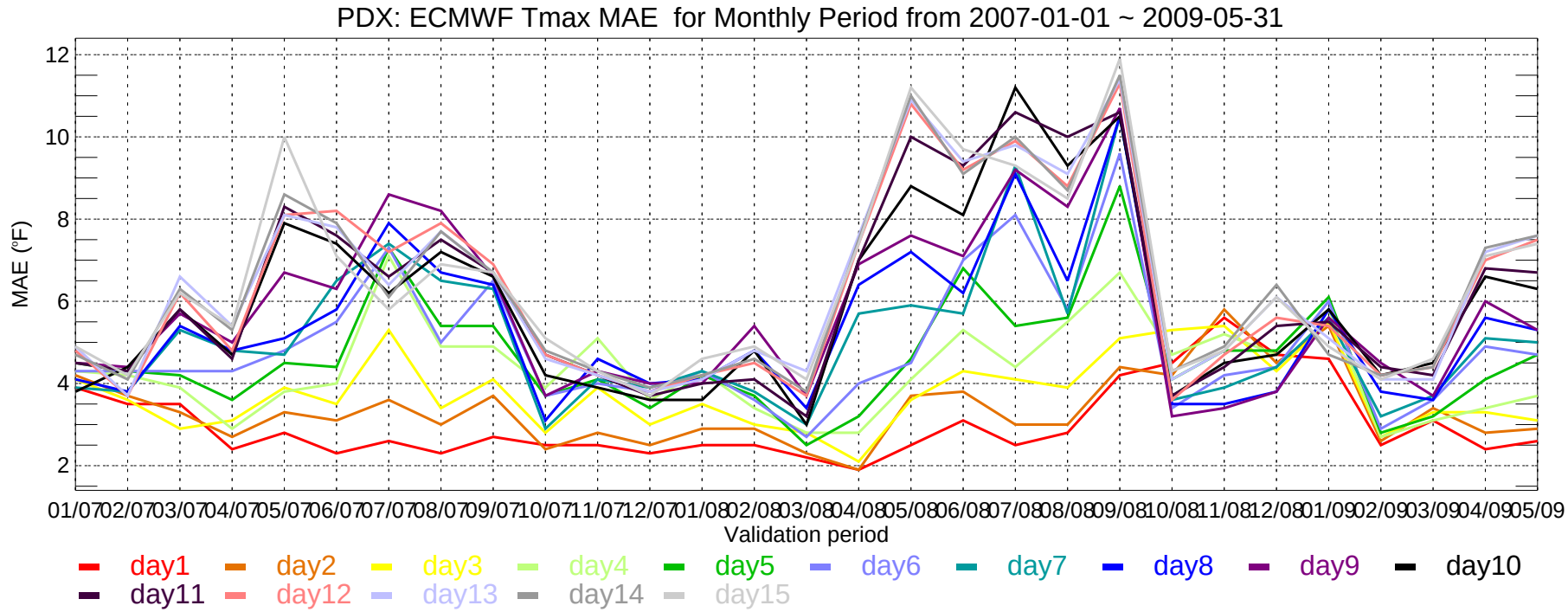

ORH: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

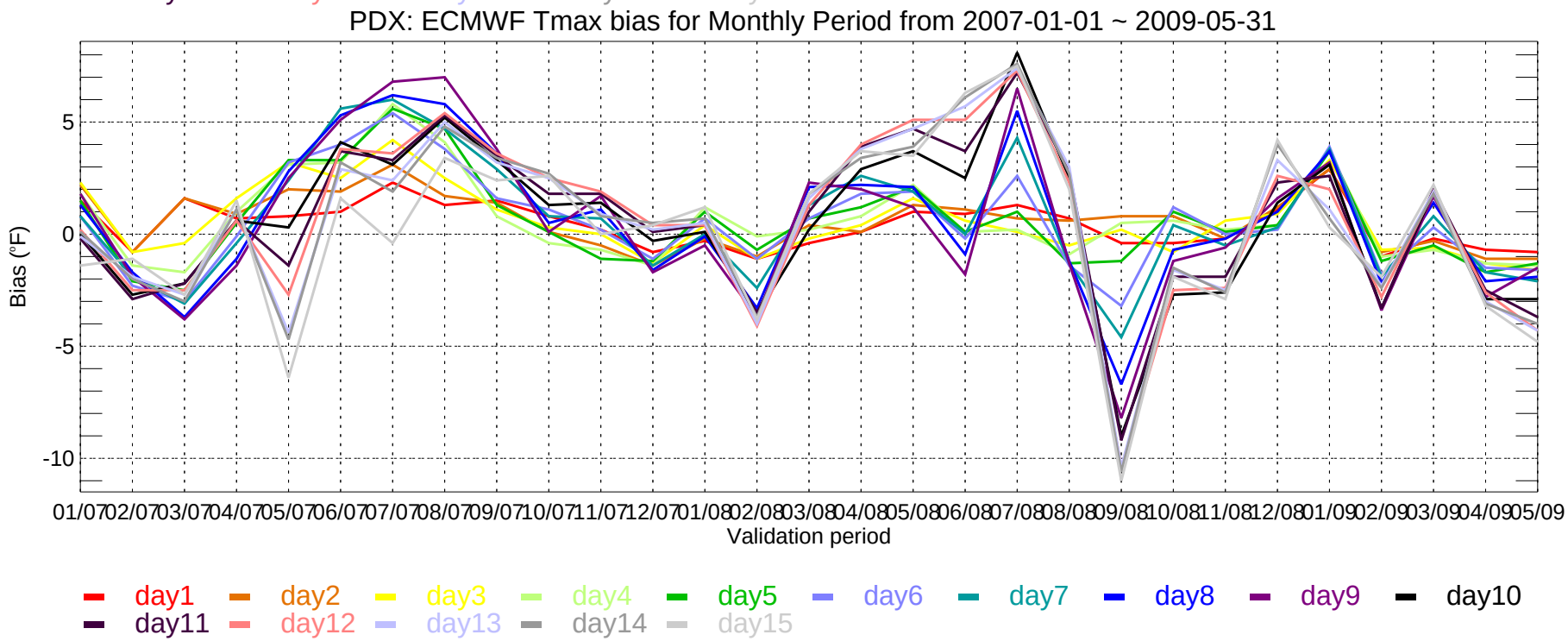

PDT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

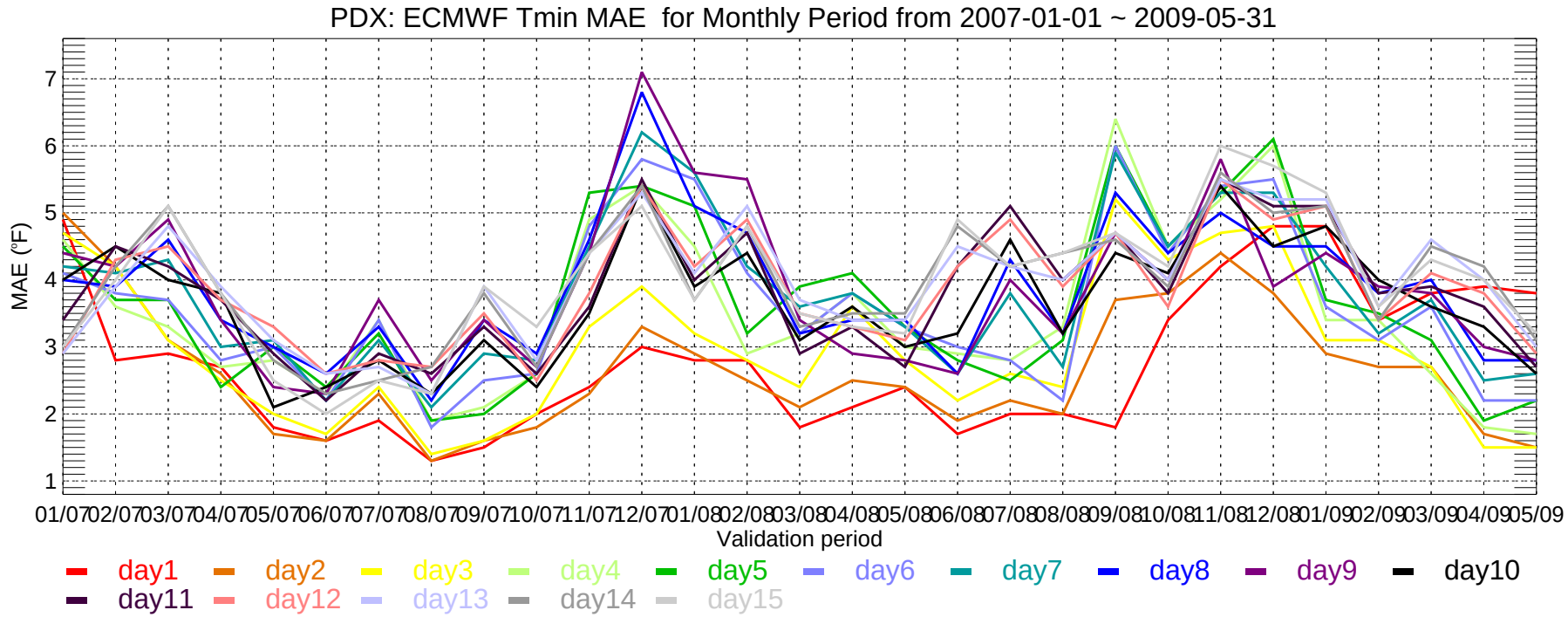

PDT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

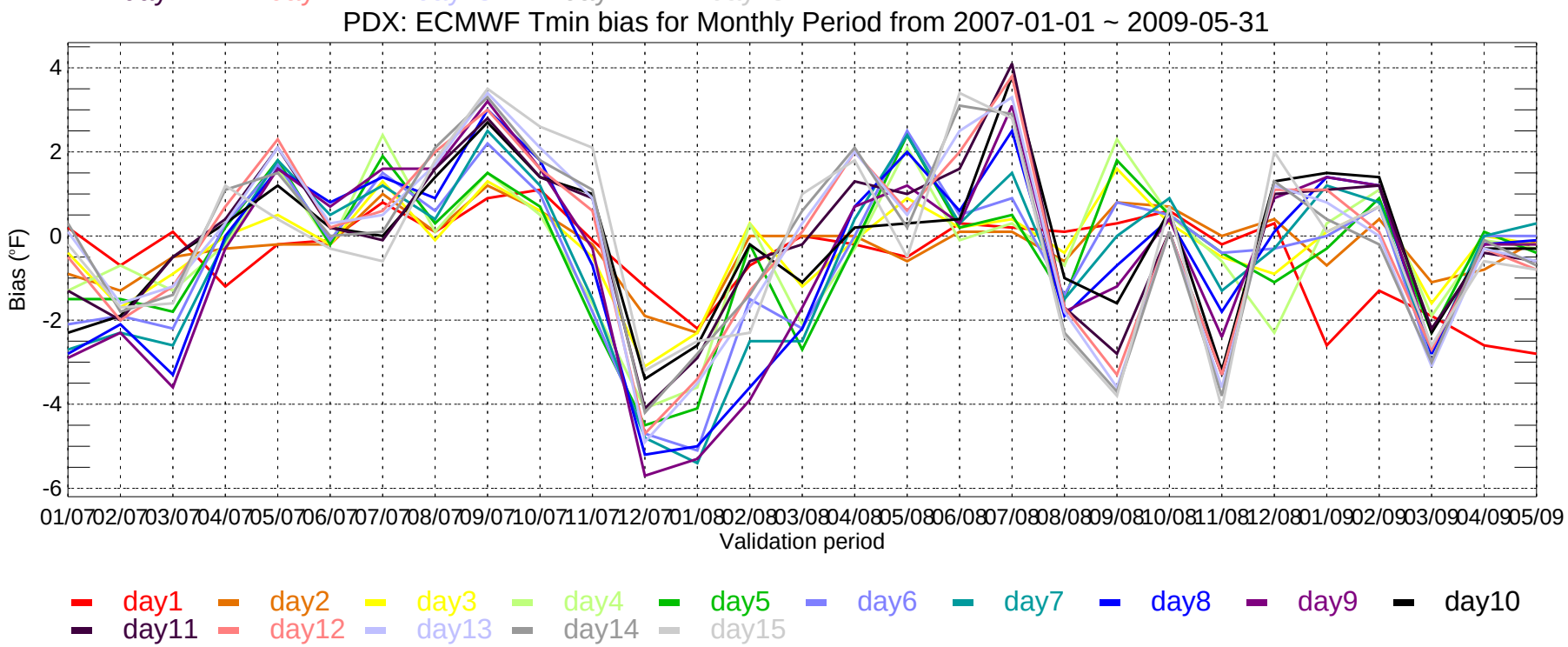

PDT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

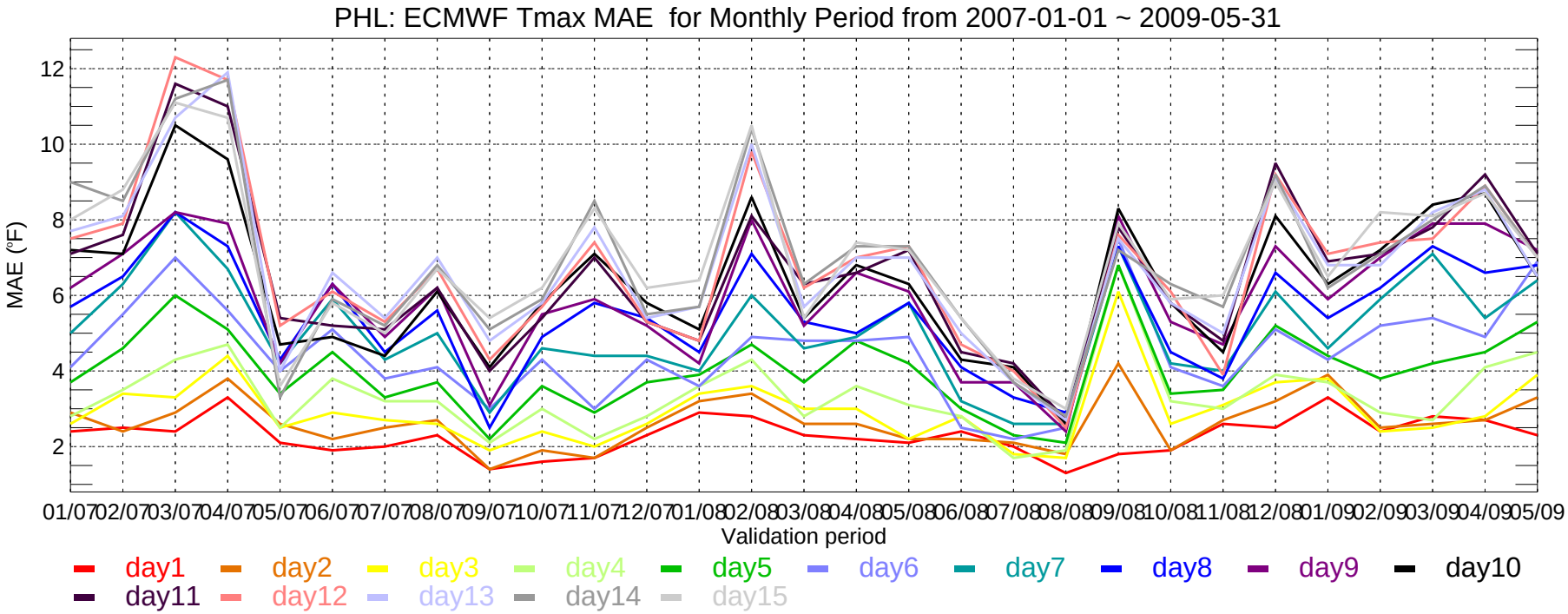

PDT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

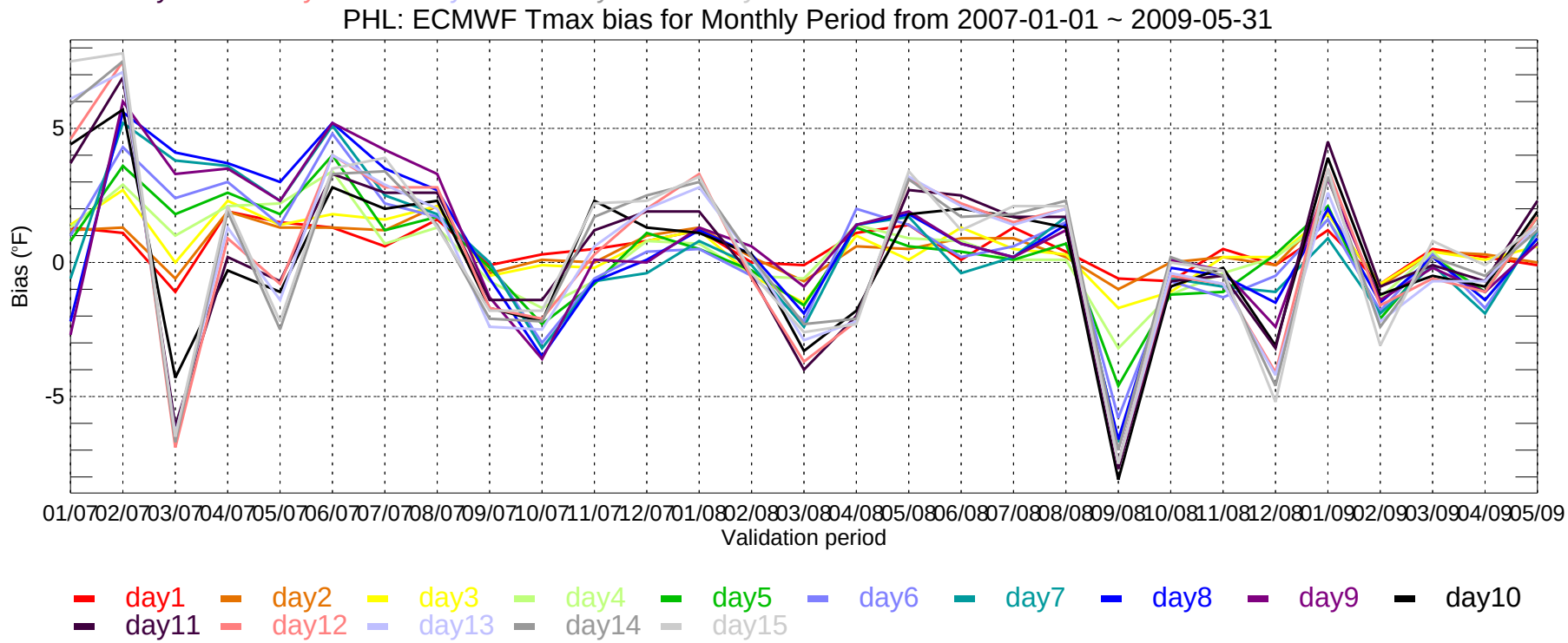

PDX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

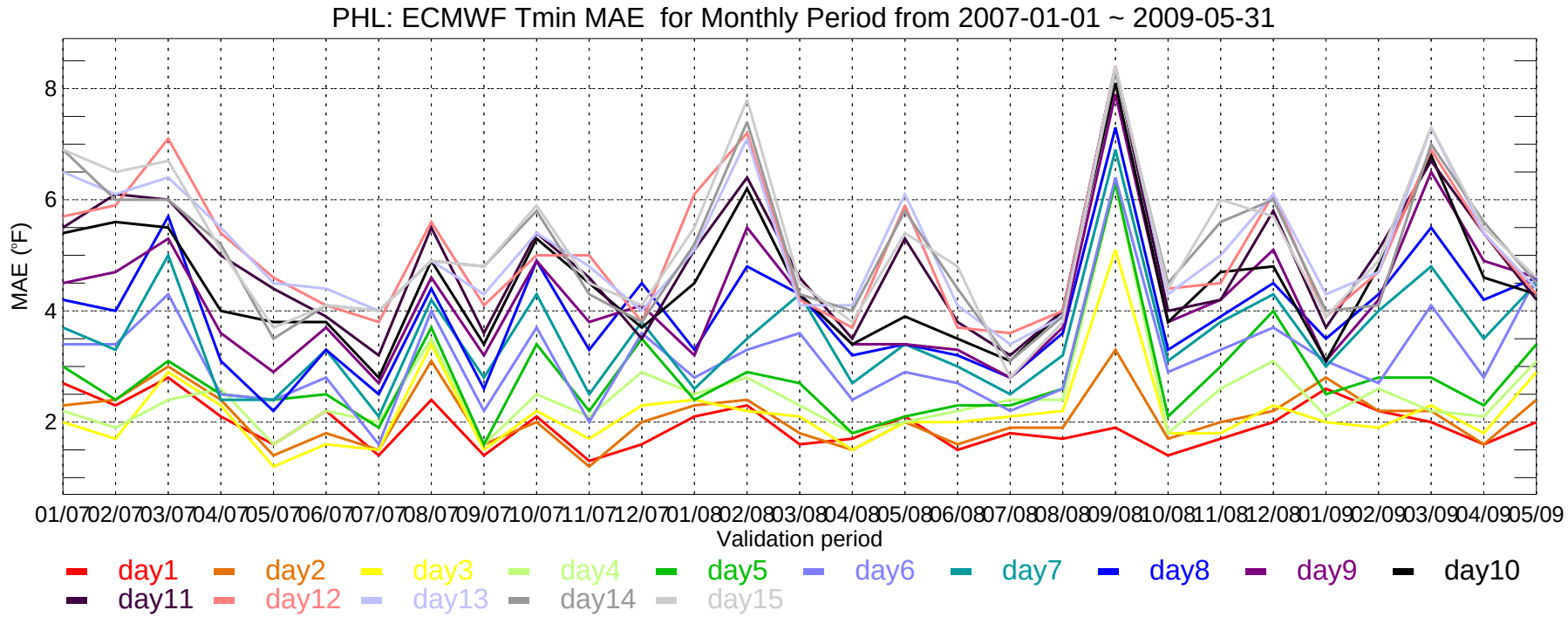

PDX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

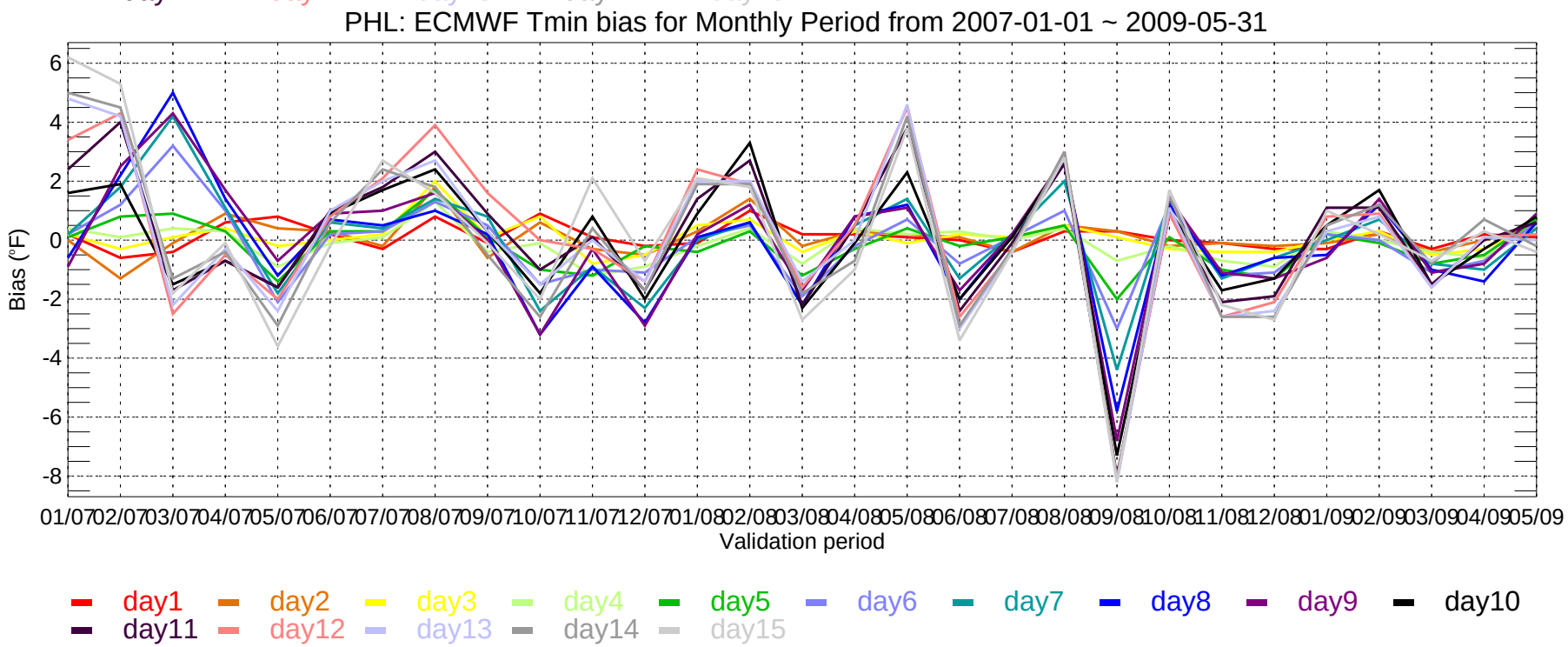

PDX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
1
2
3
4
5
6
7
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

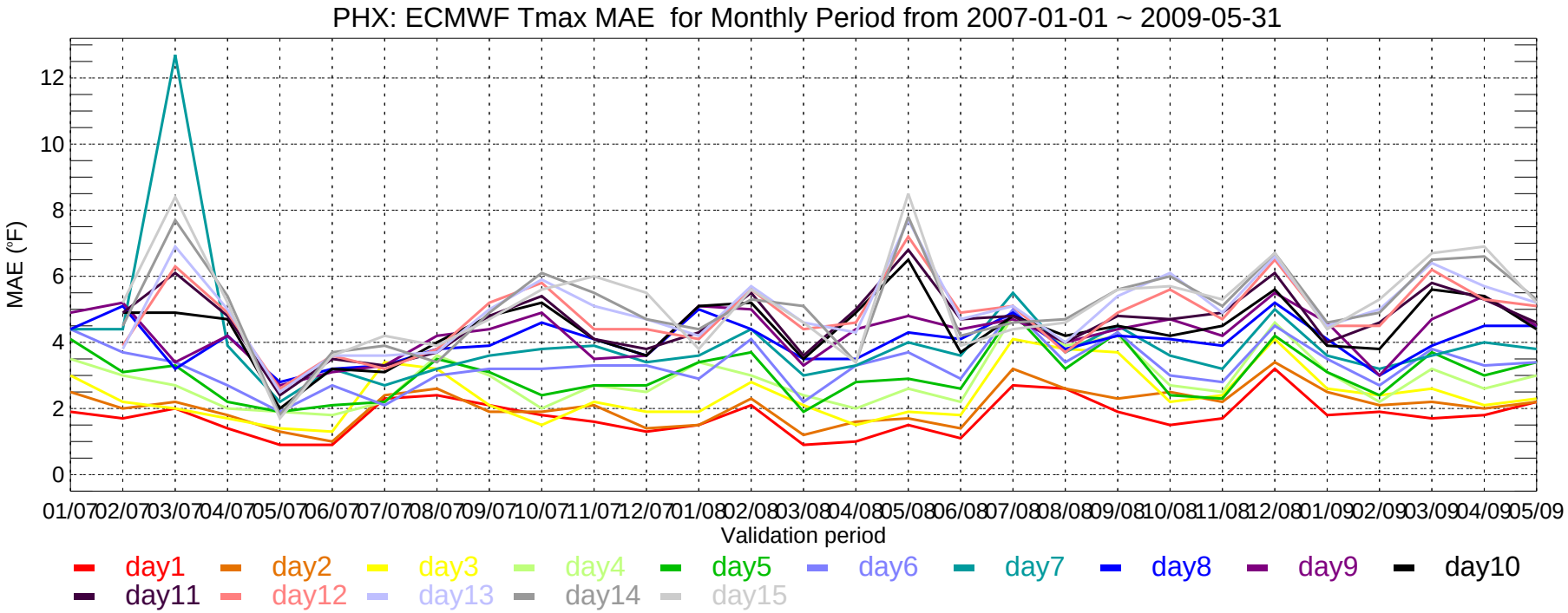

PDX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

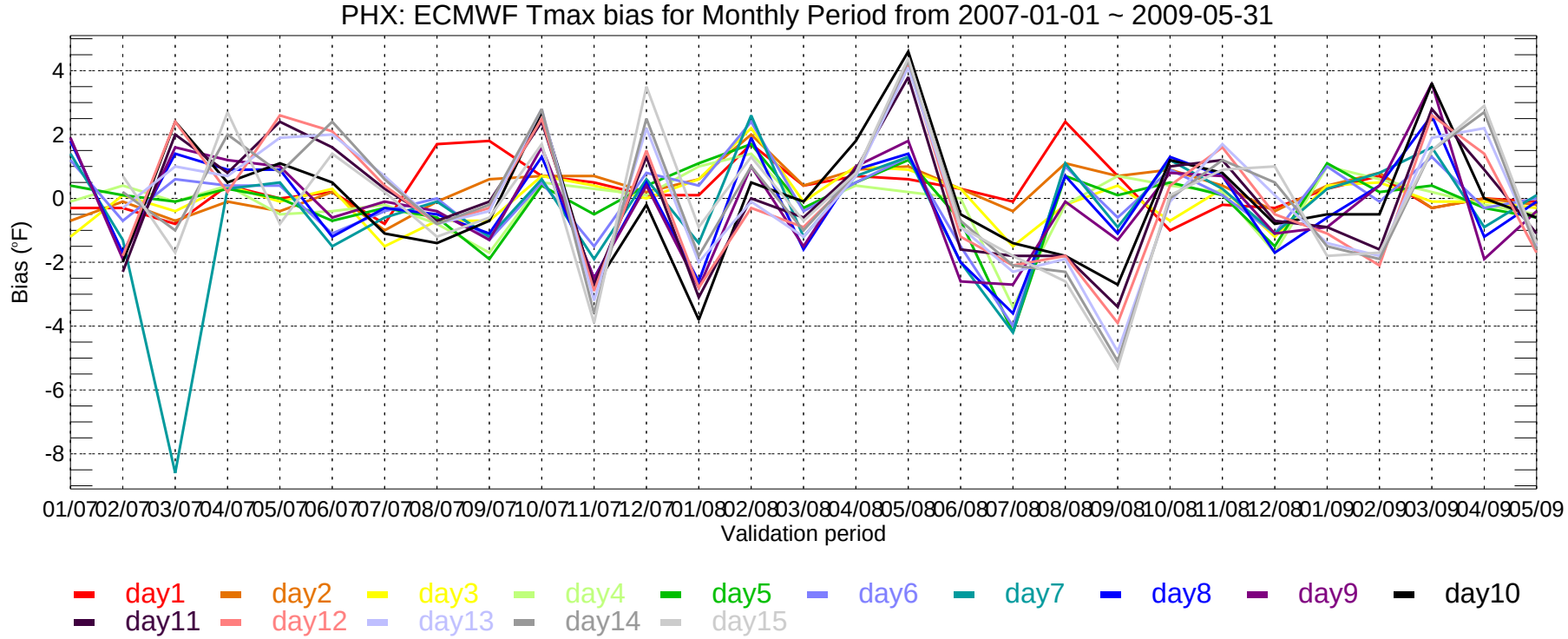

PHL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

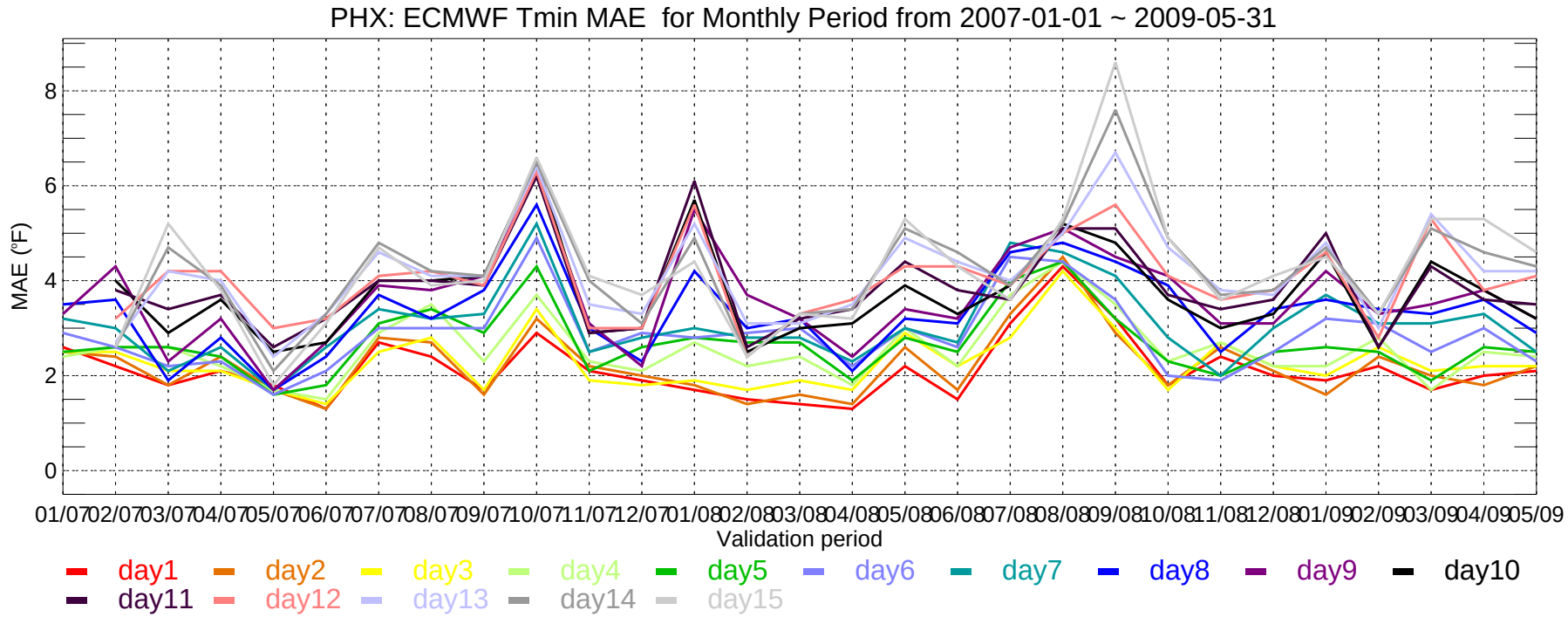

PHL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

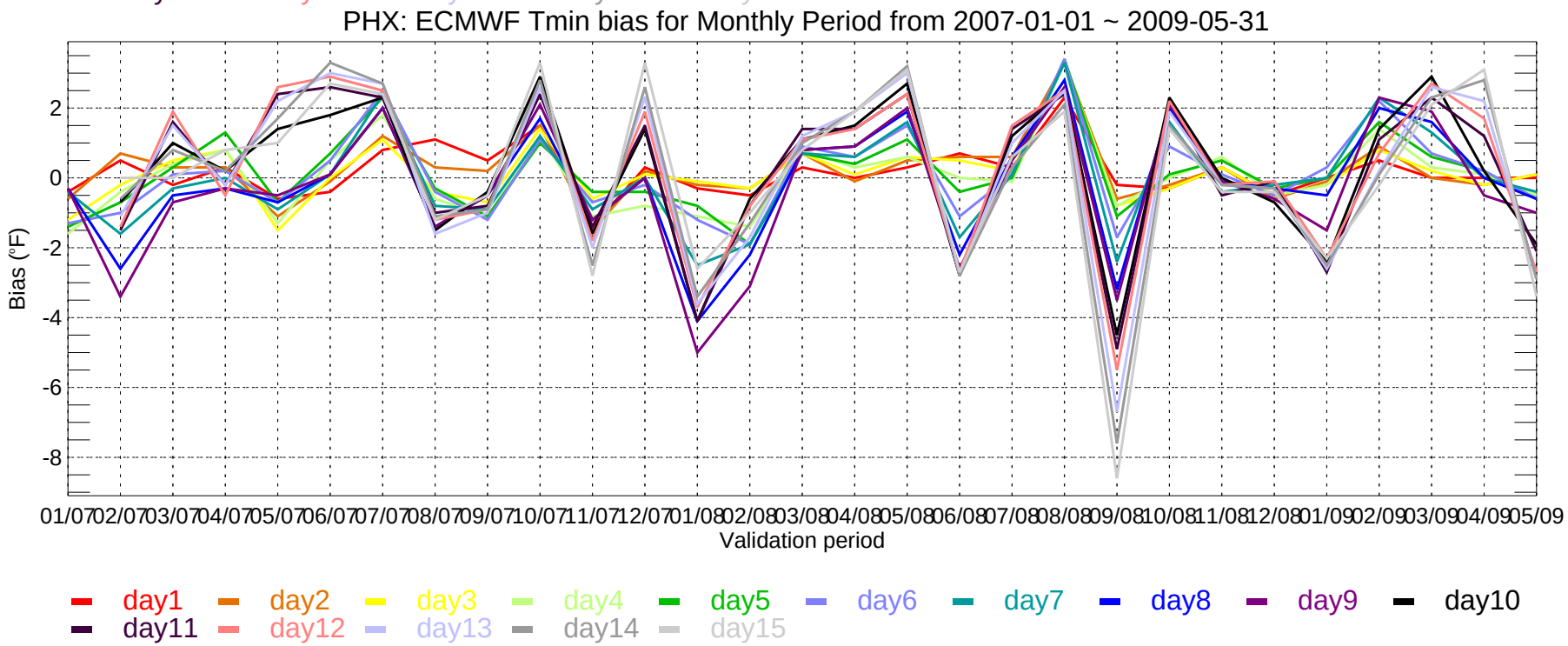

PHL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

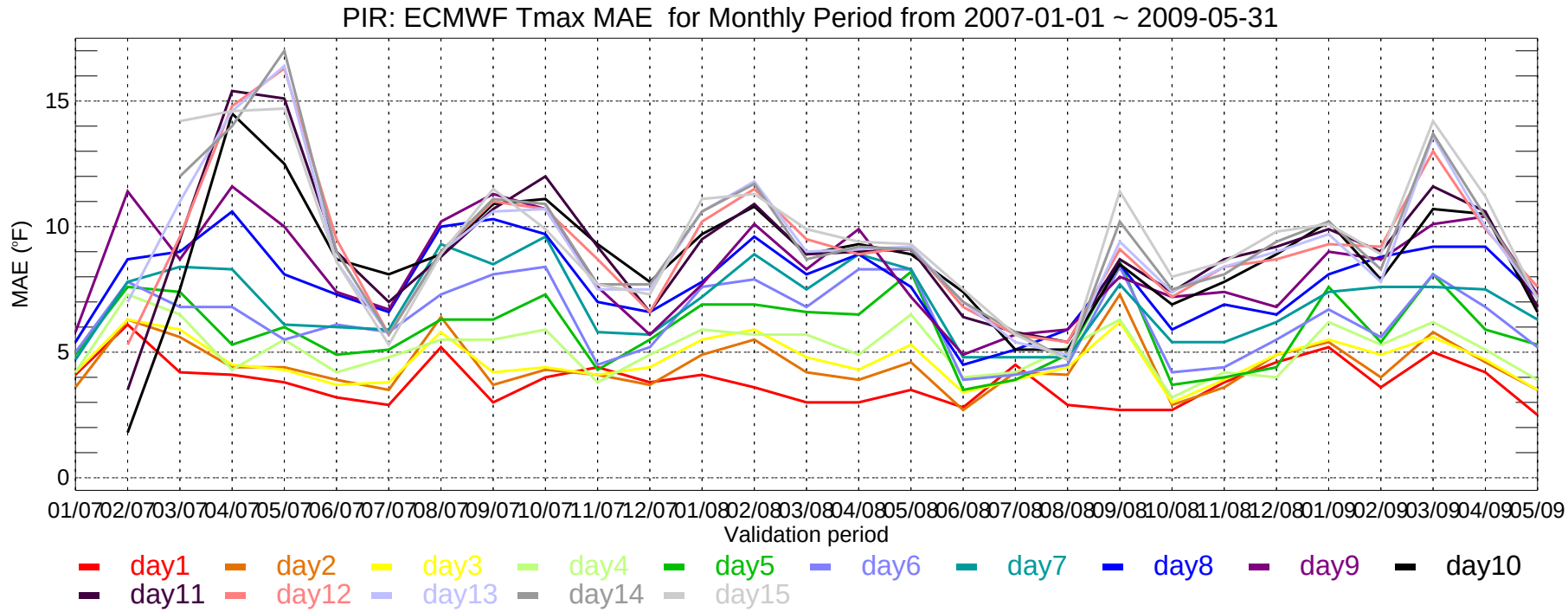

PHL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

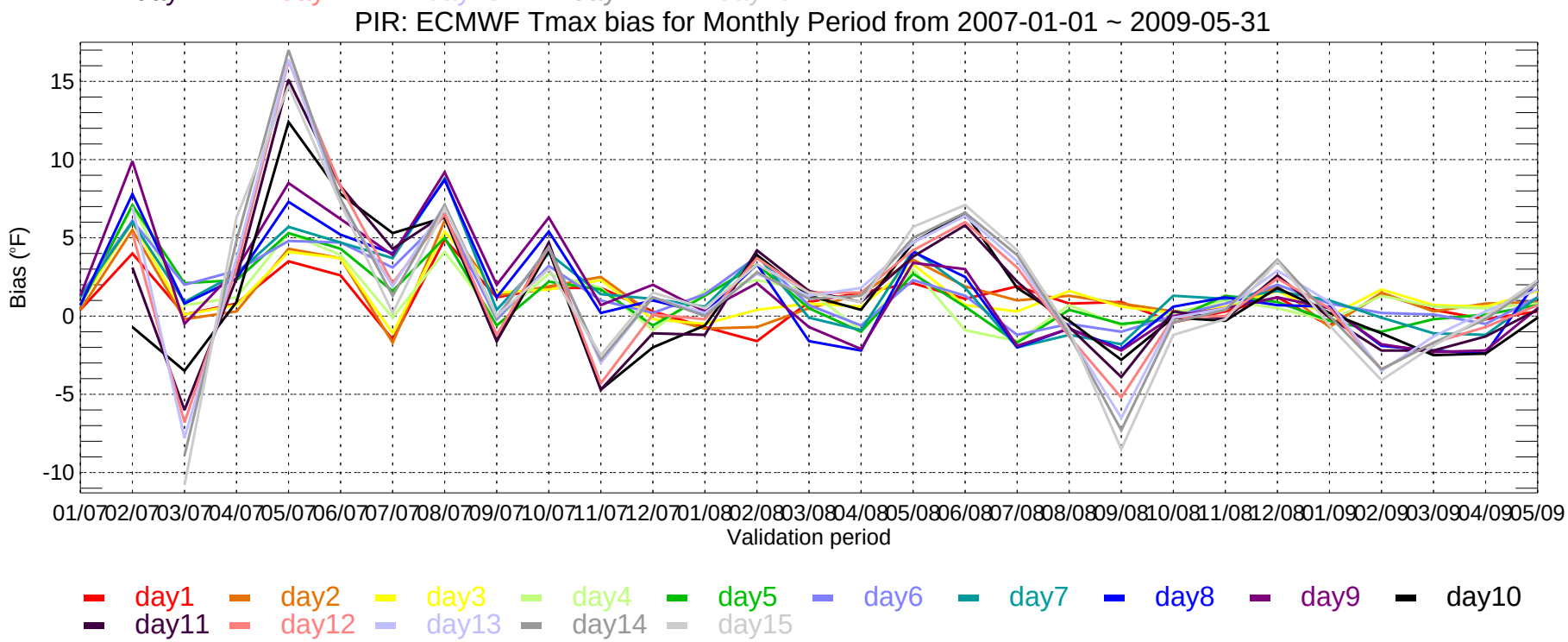

PHX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

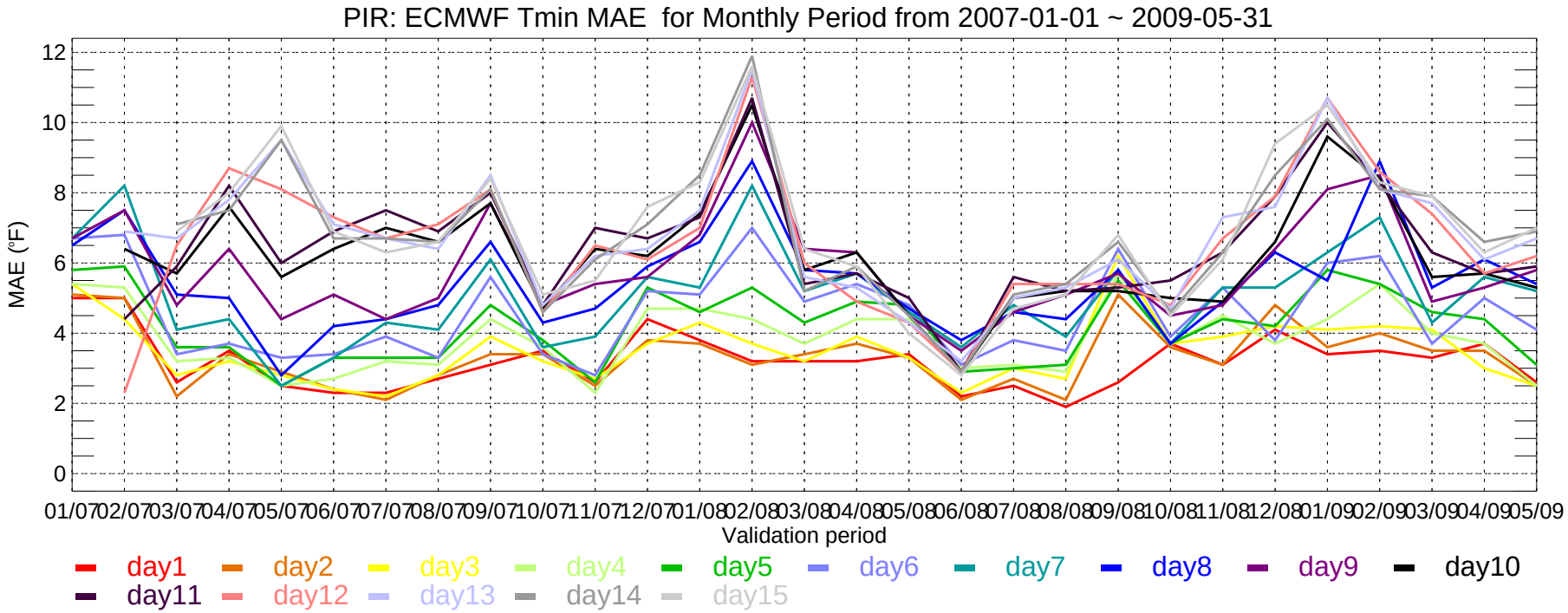

PHX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

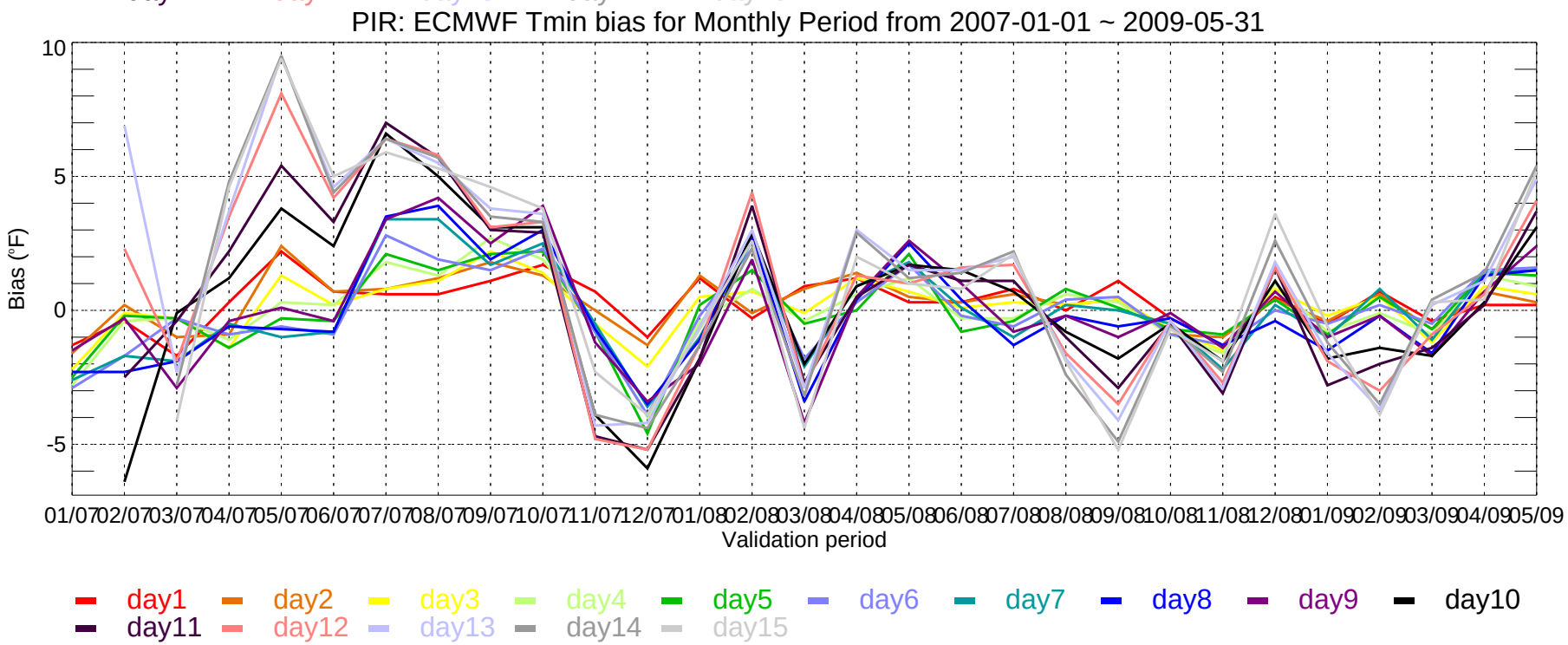

PHX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

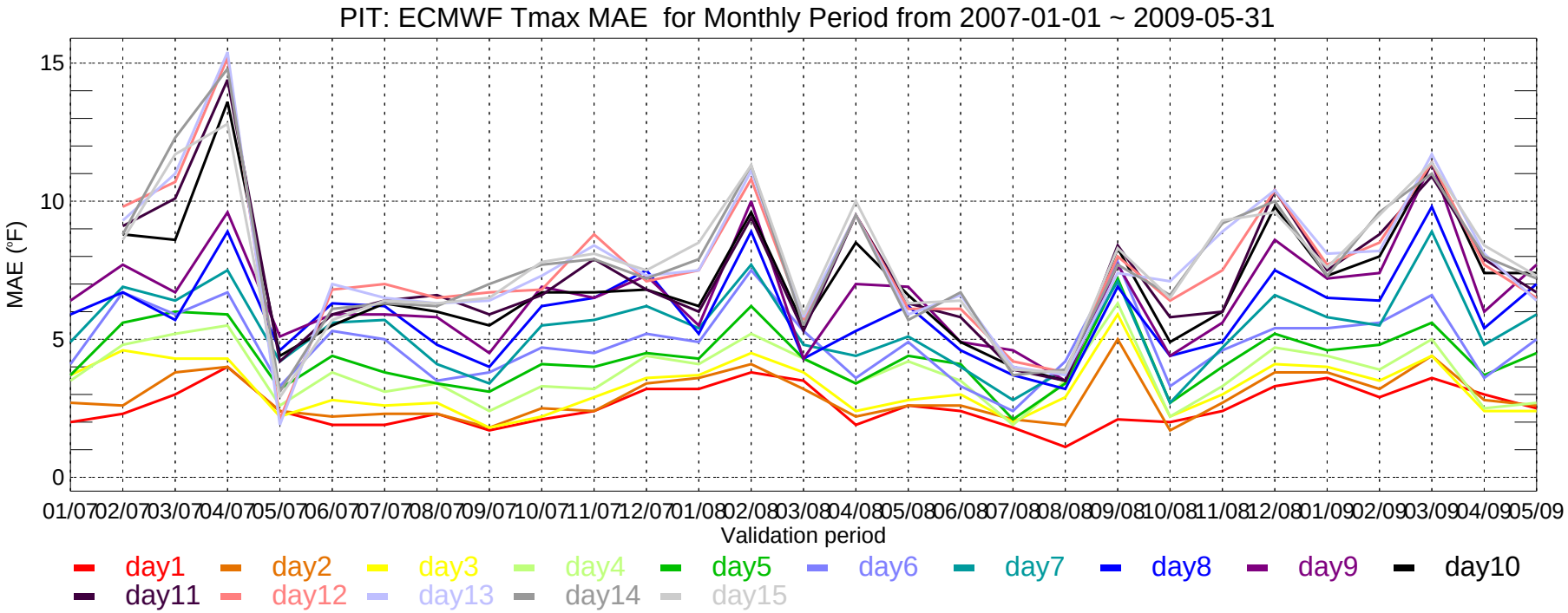

PHX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

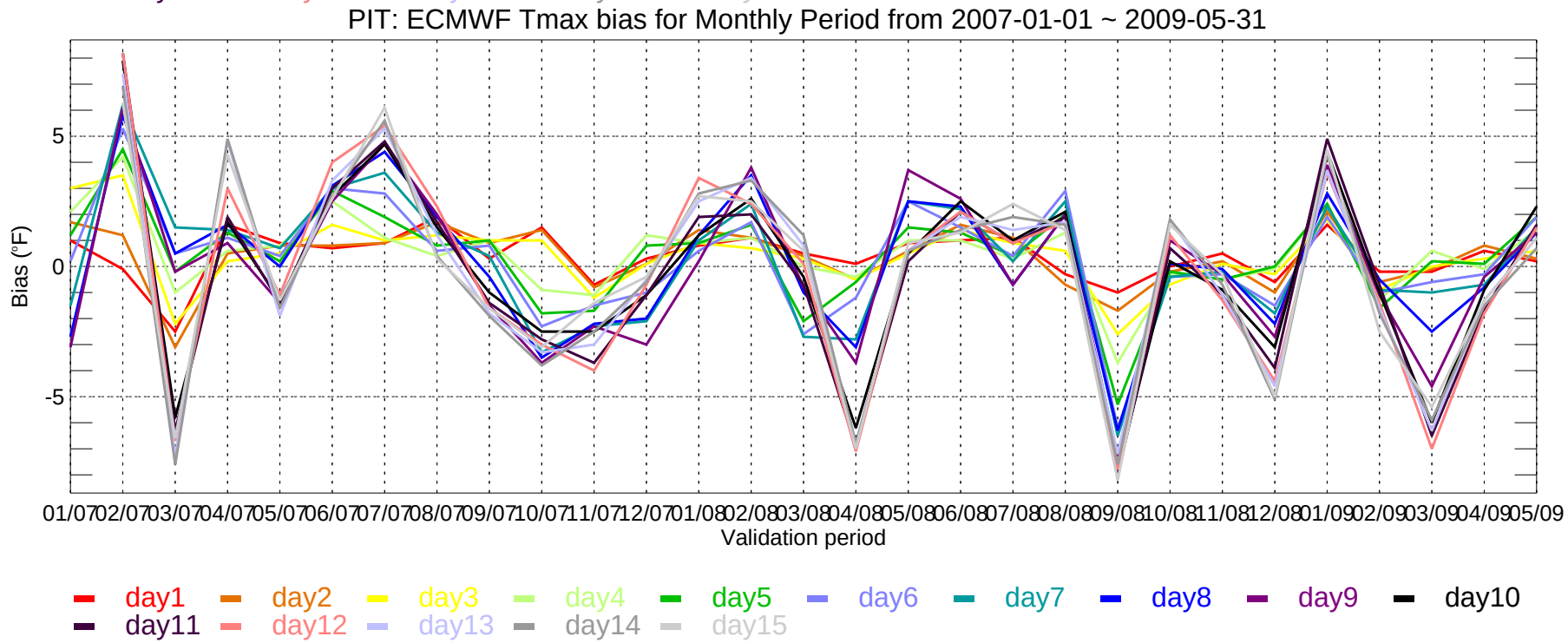

PIR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

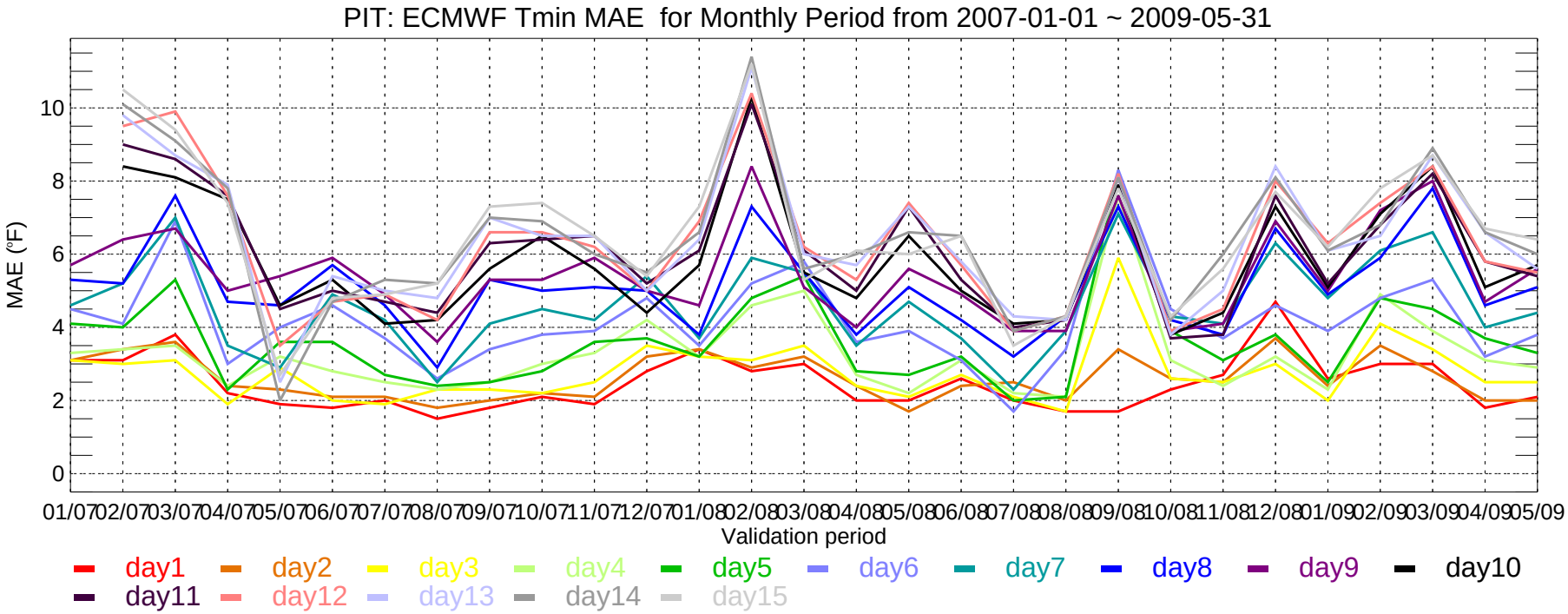

PIR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
15
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

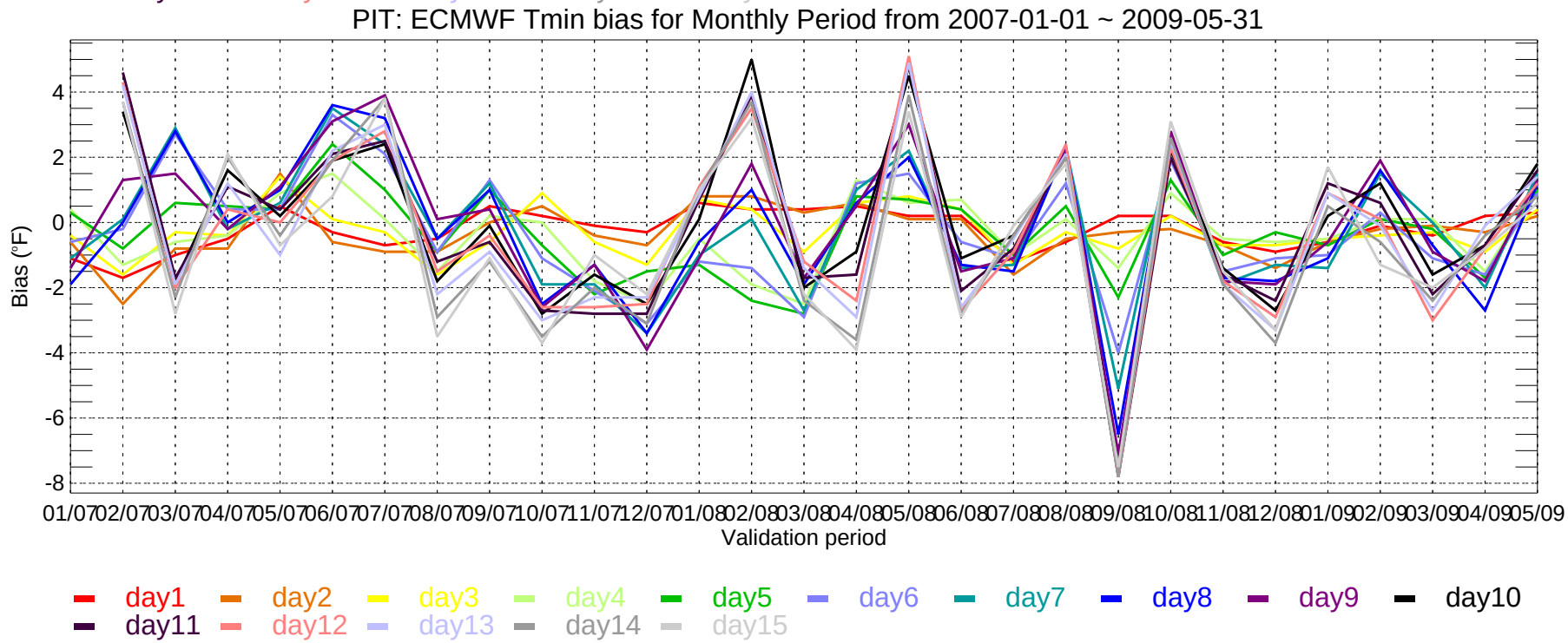

PIR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

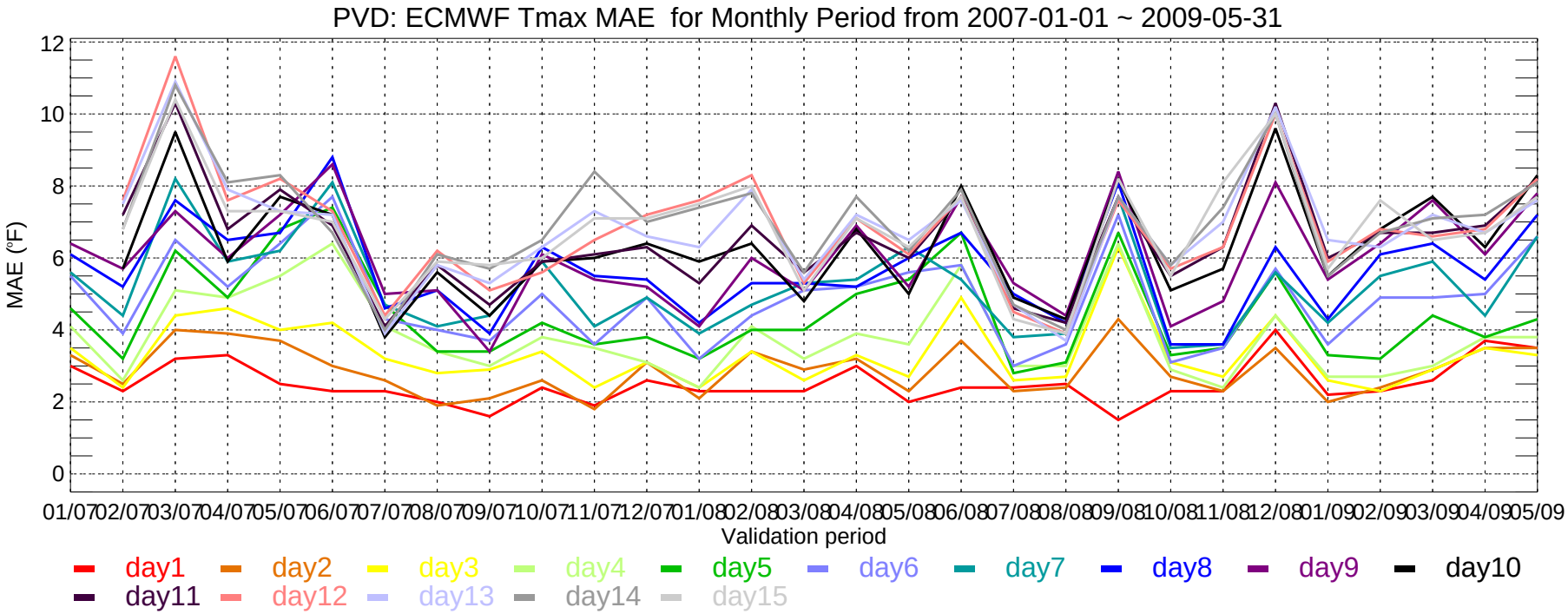

PIR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

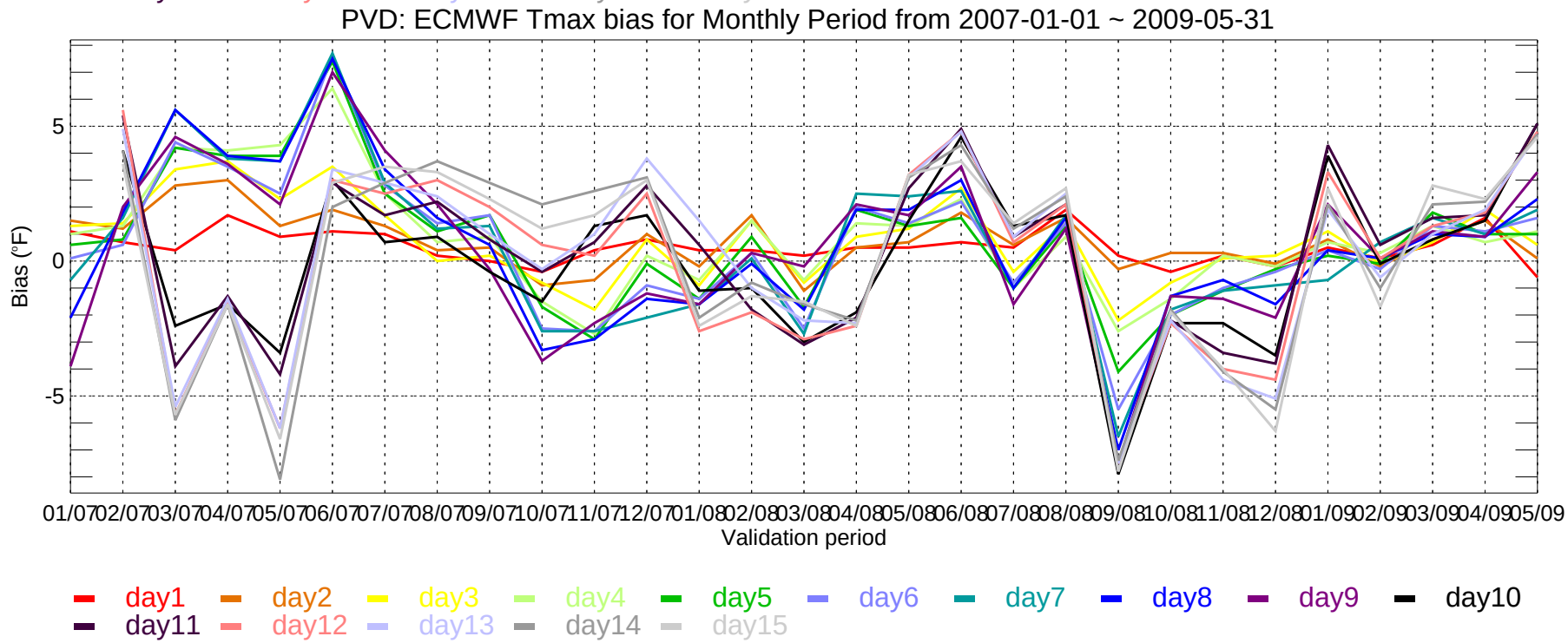

PIT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

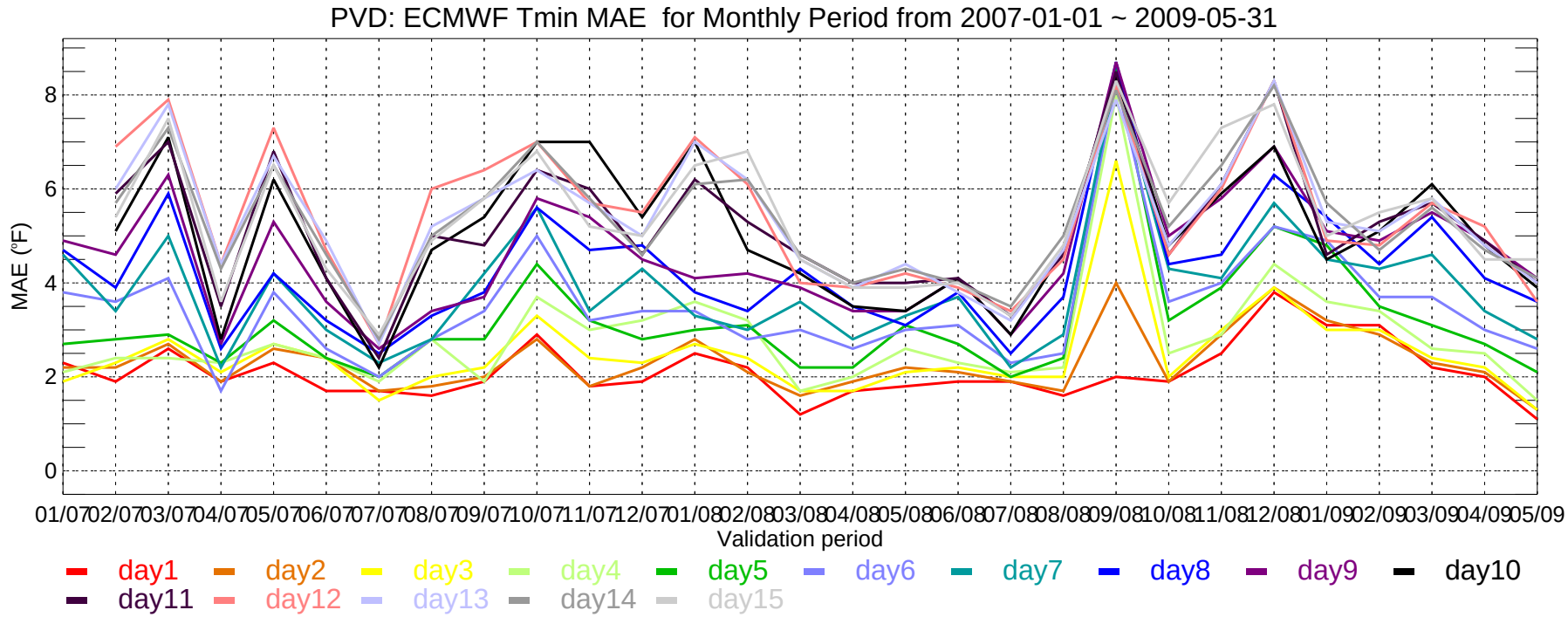

PIT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

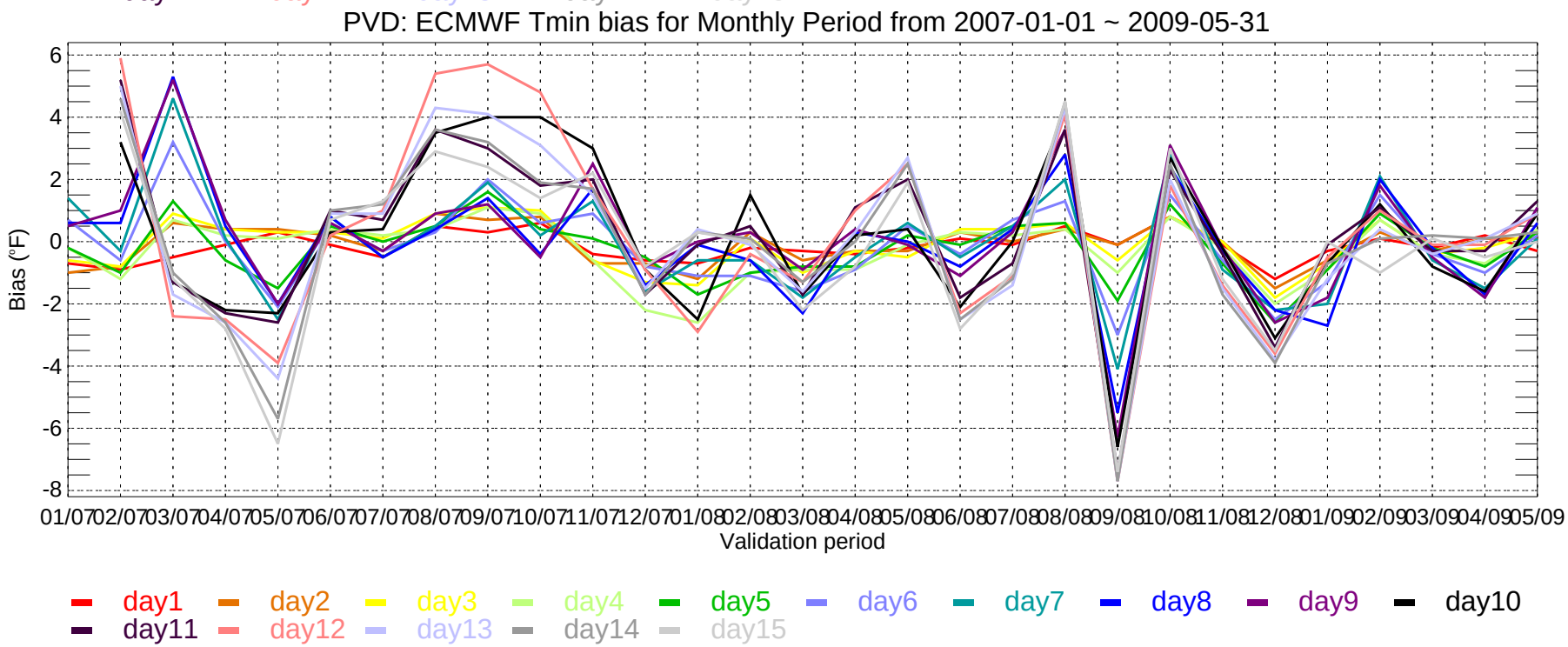

PIT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

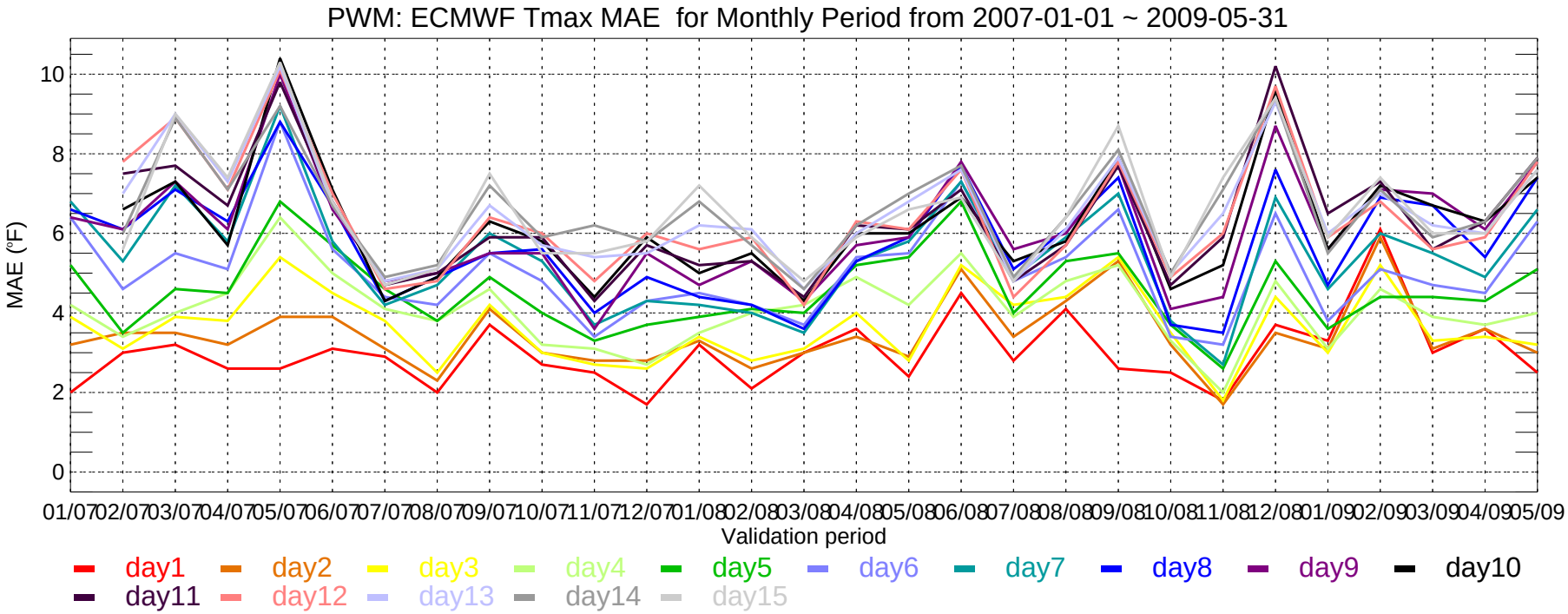

PIT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-8
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

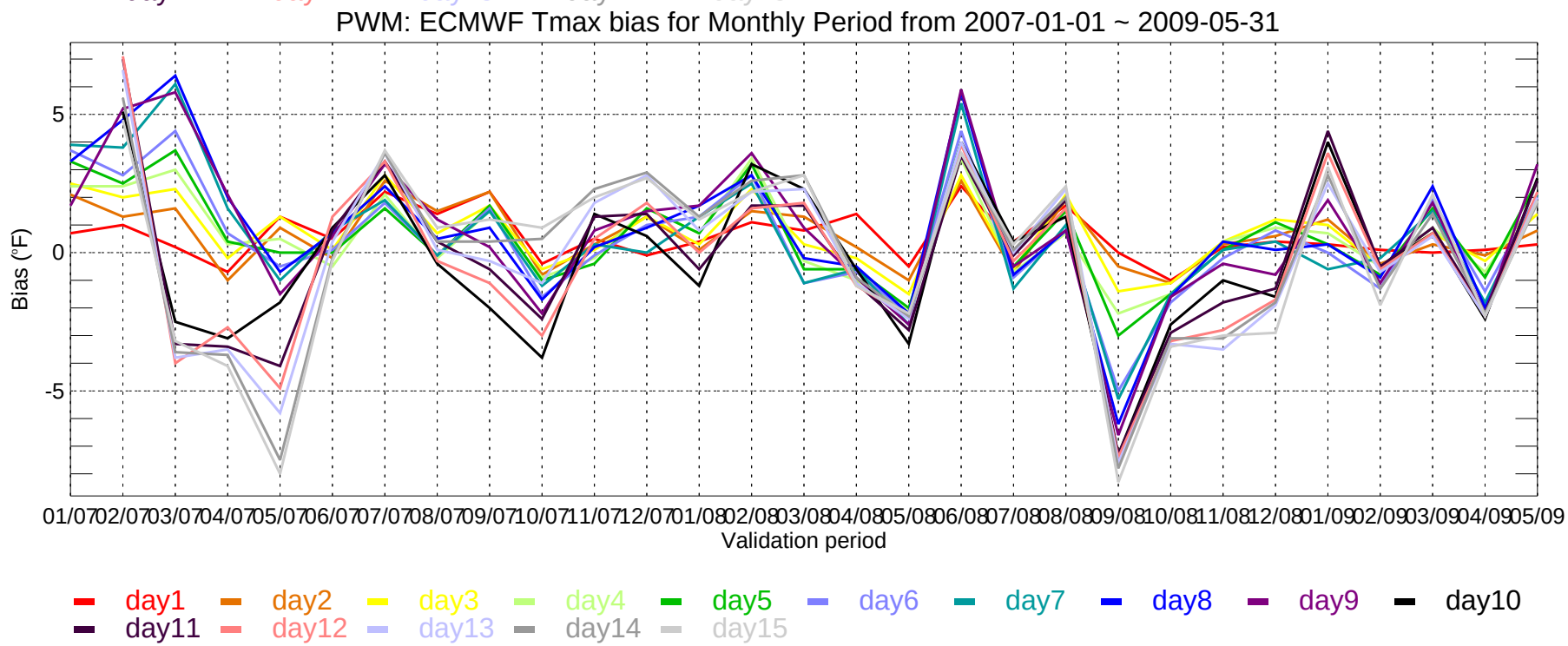

PVD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

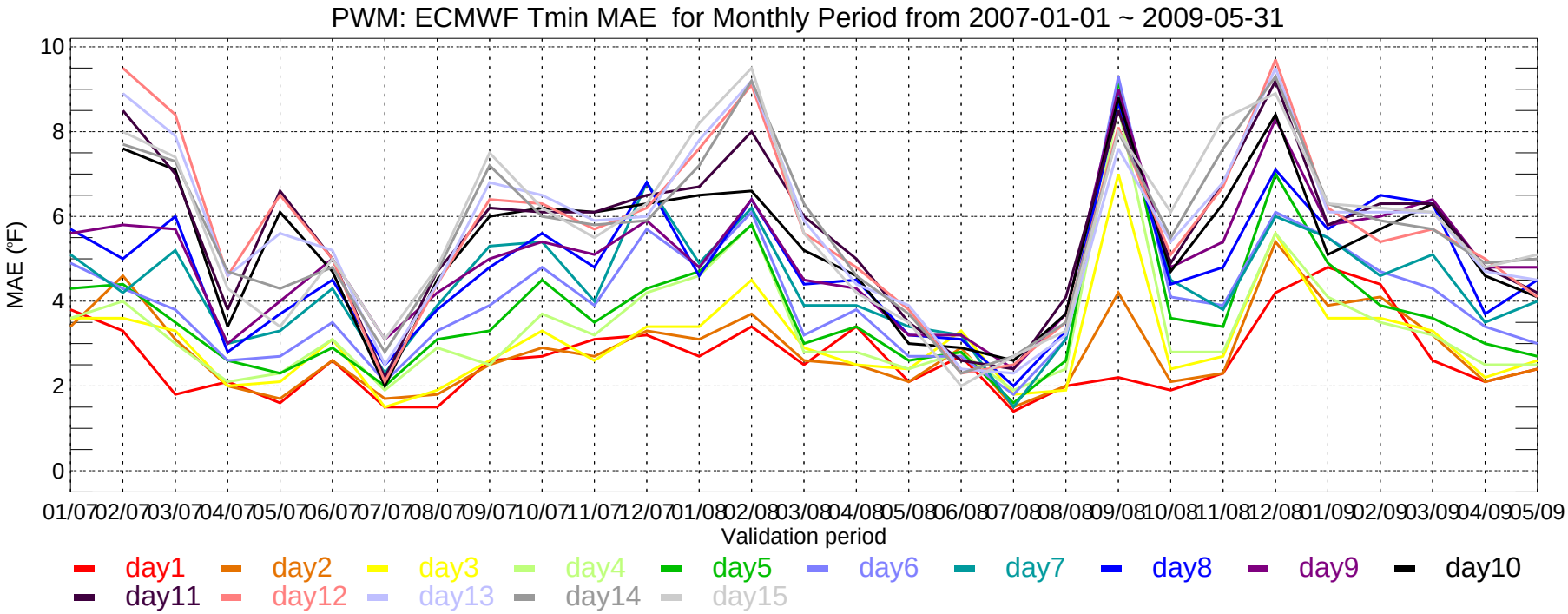

PVD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

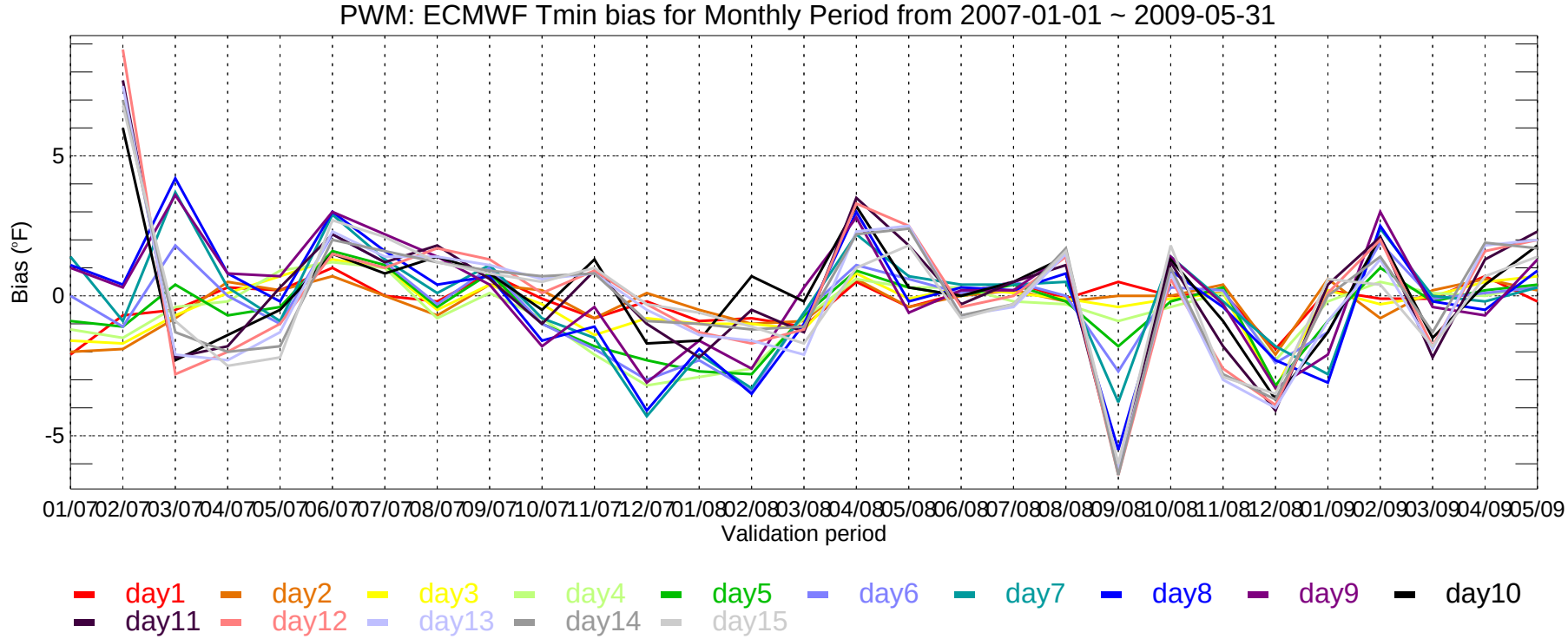

PVD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

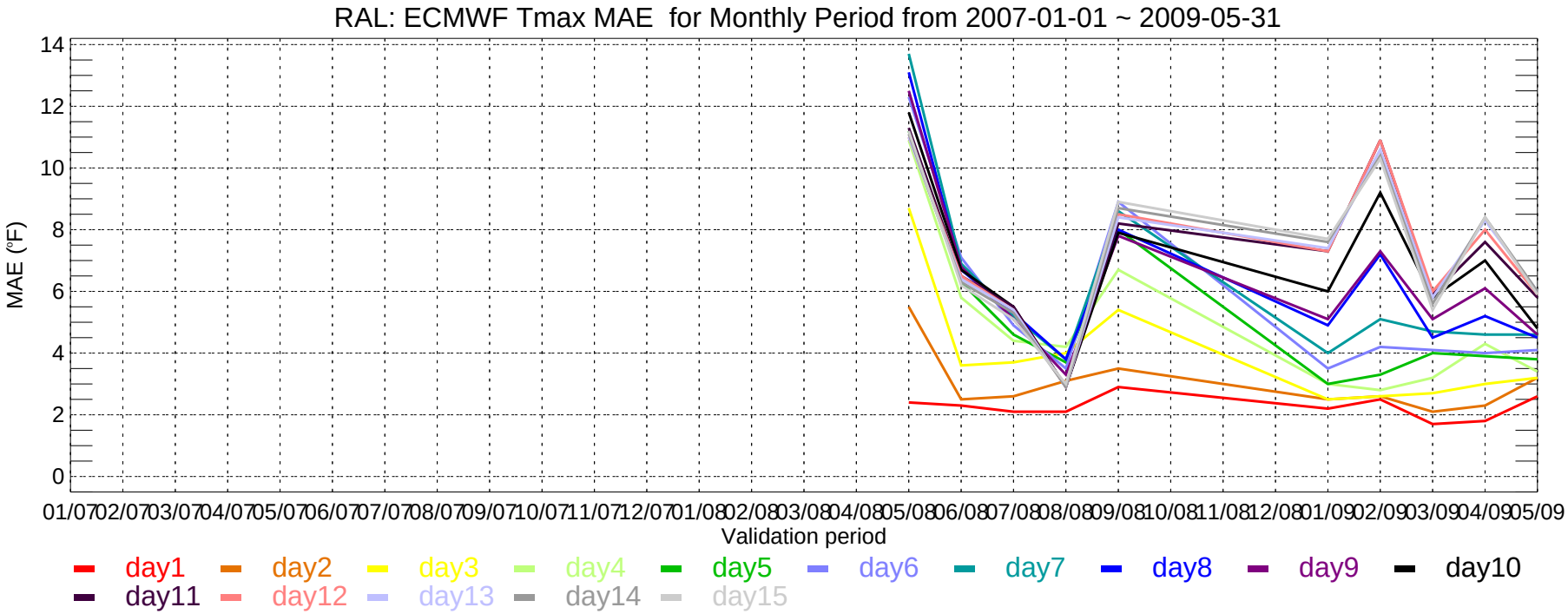

PVD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

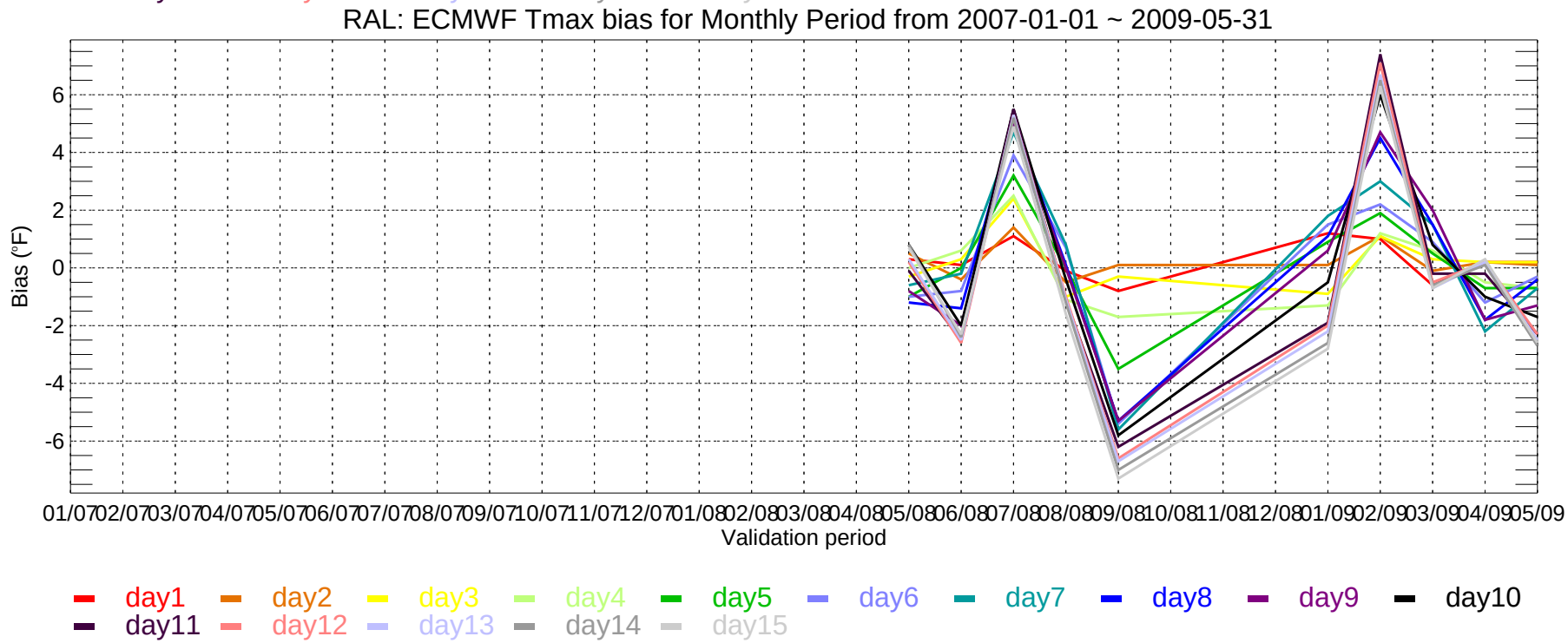

PWM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

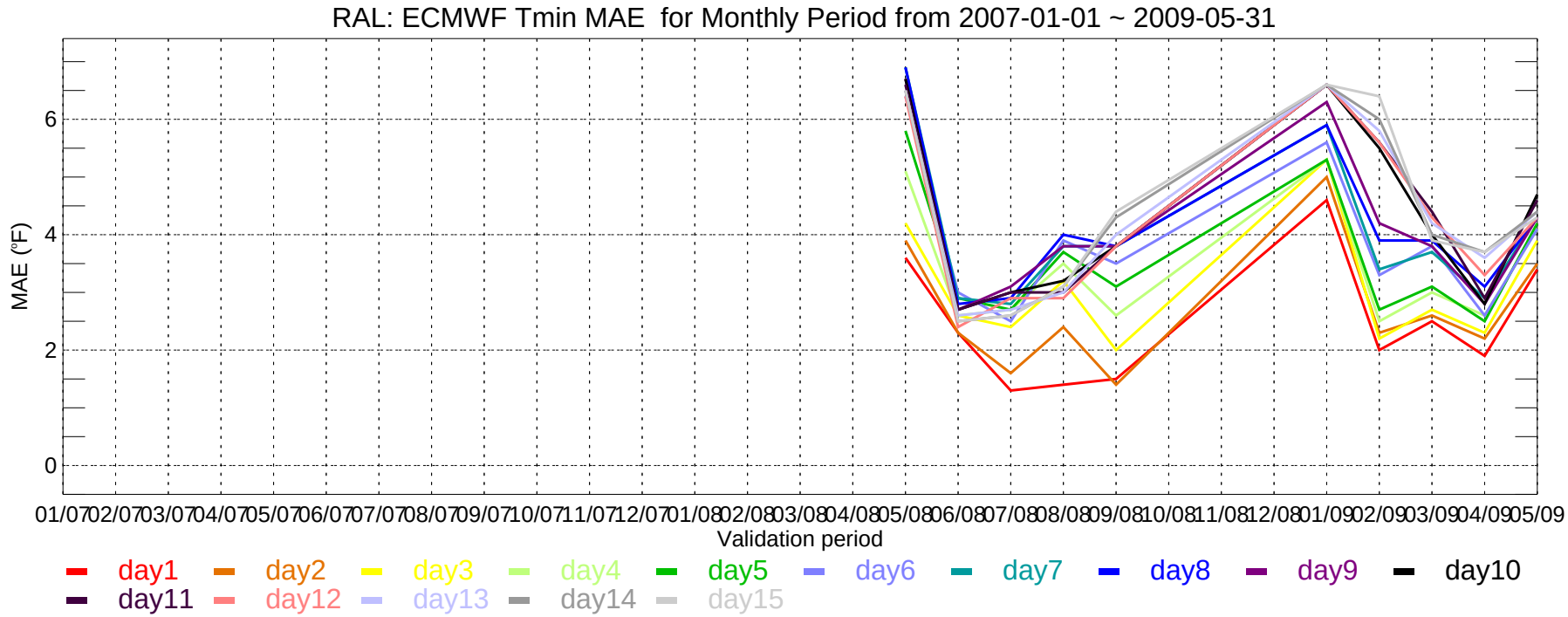

PWM: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

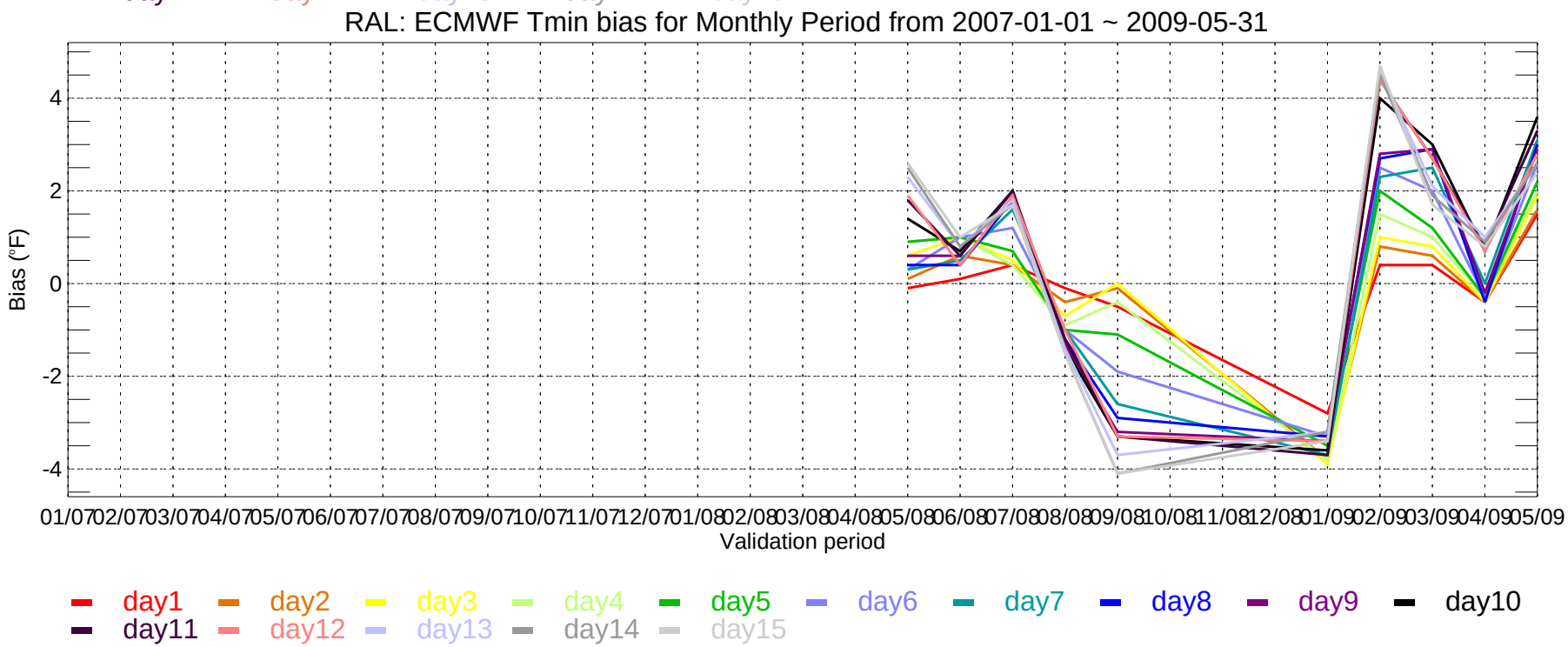

PWM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

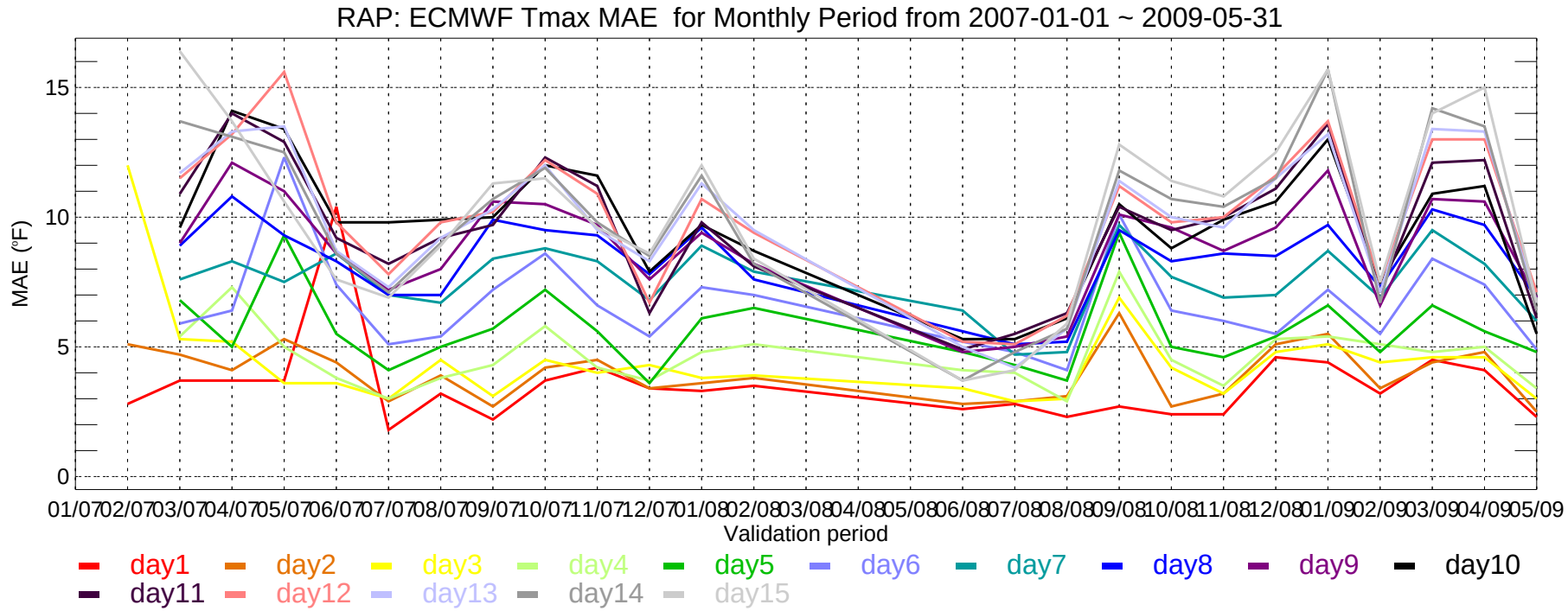

PWM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

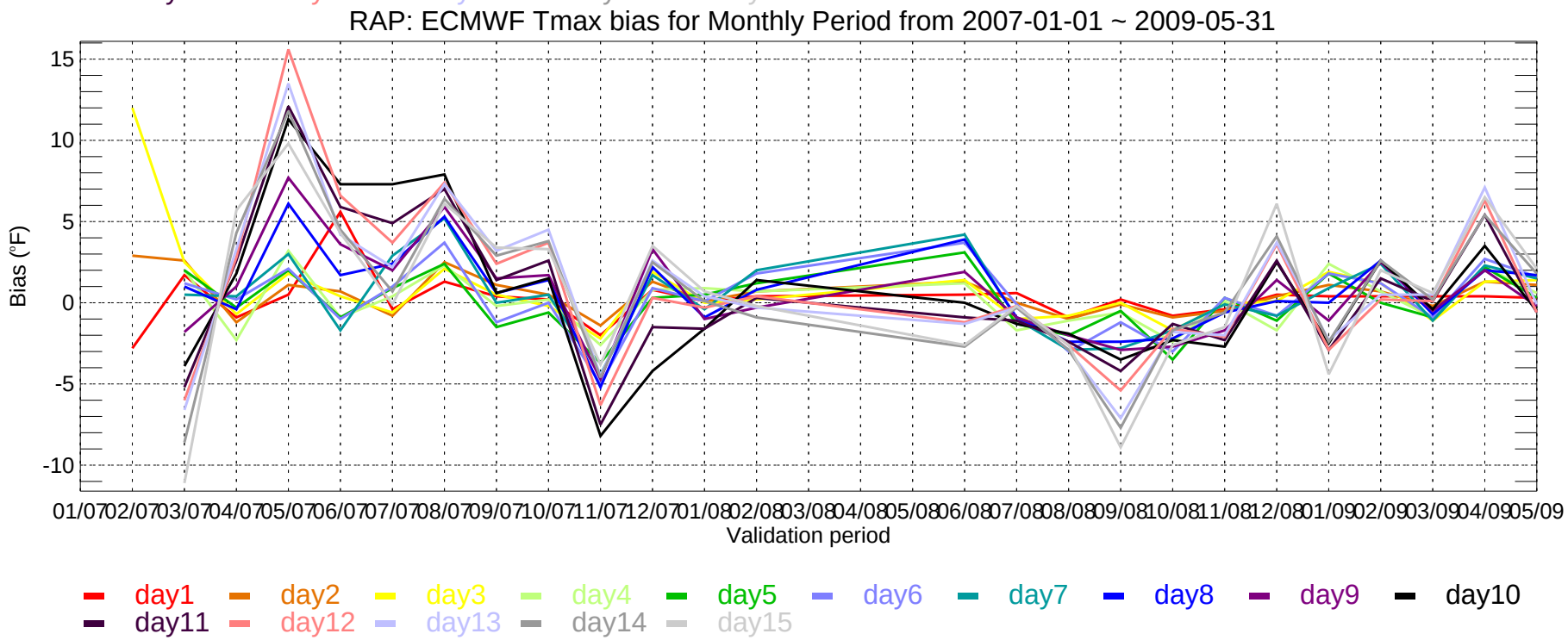

RAL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


RAL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
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 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
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 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
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 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
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 2007-01-01 ~ 2009-05-31
Bias (°F)
15
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
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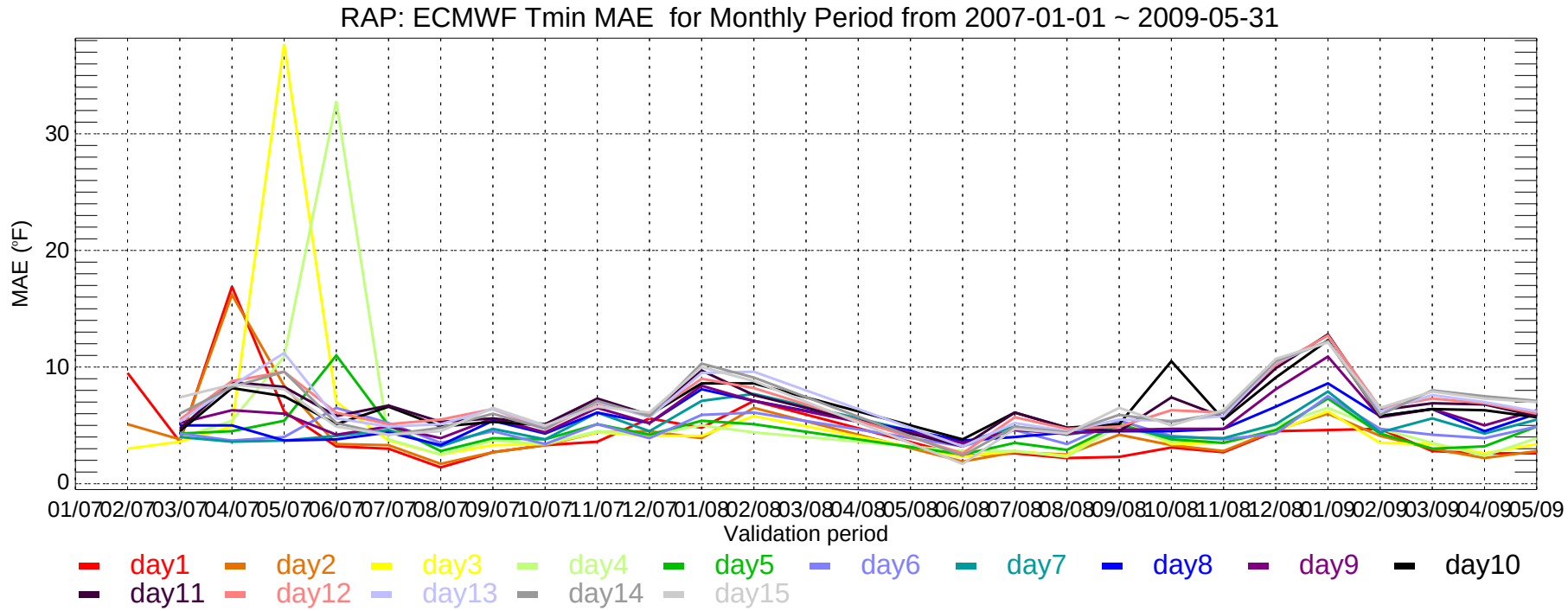
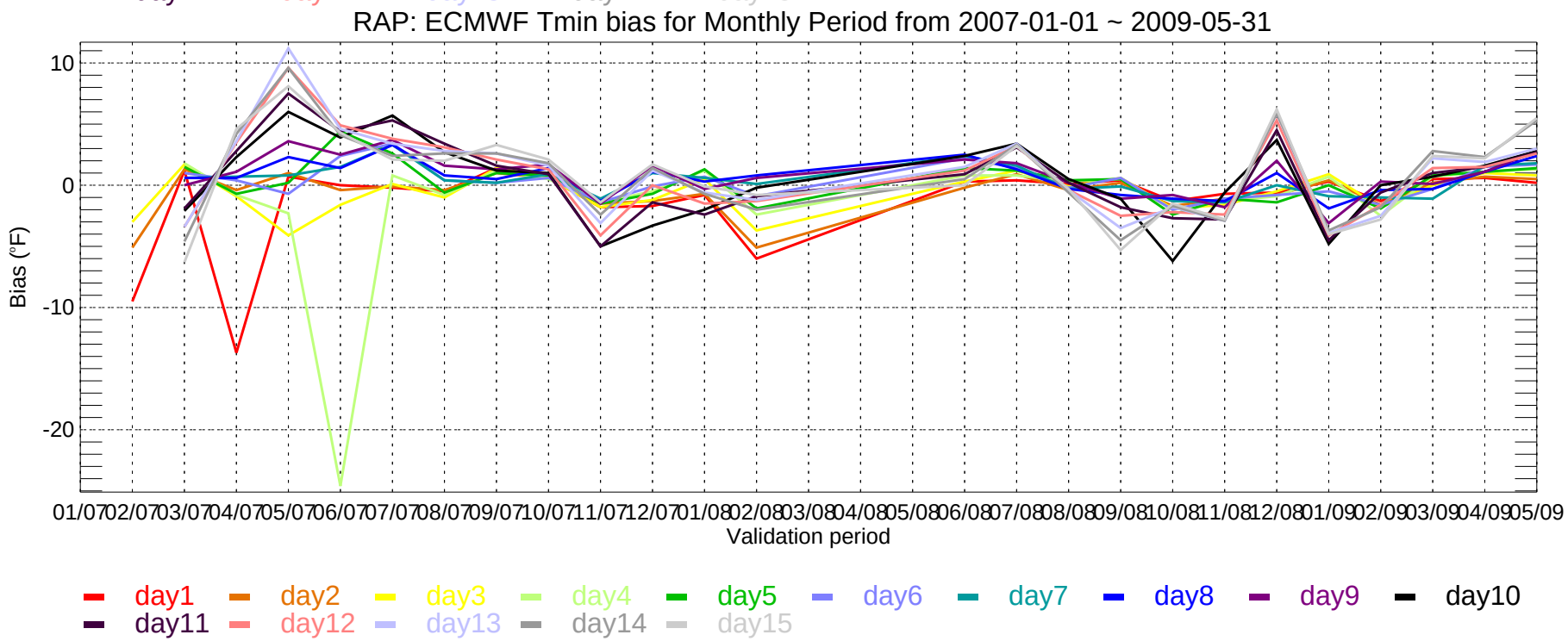
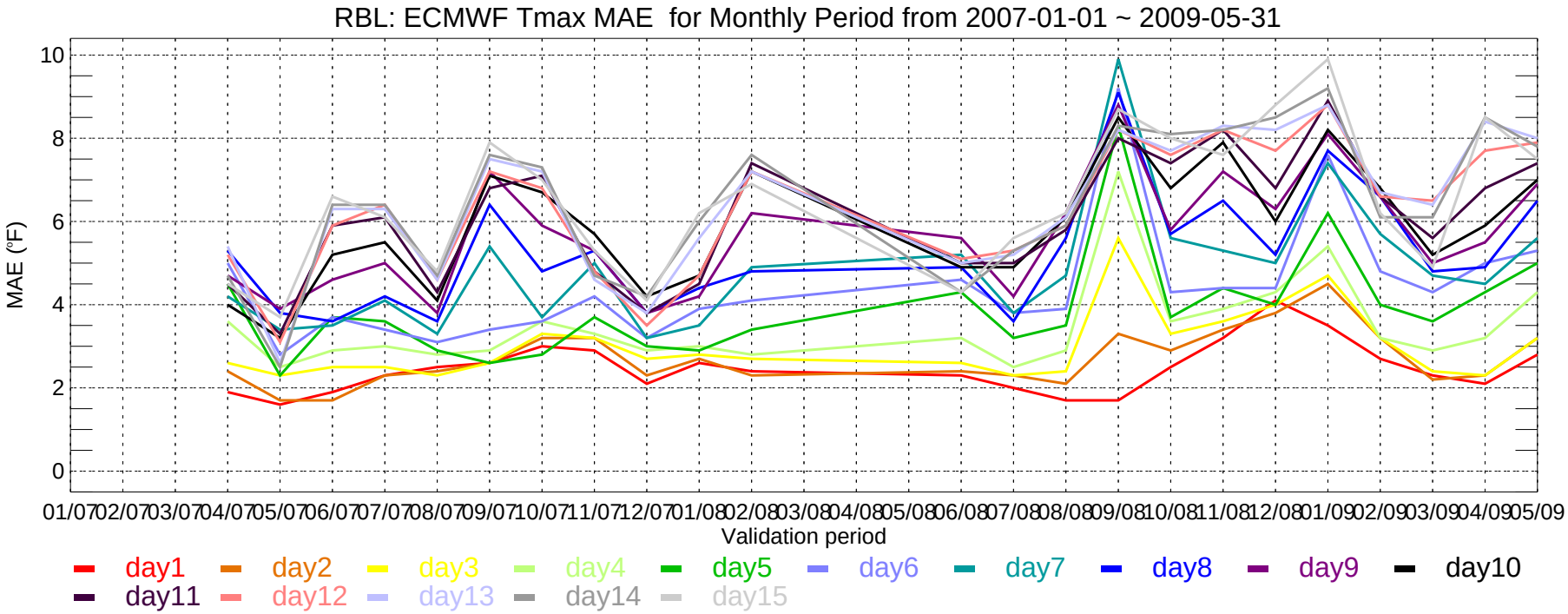
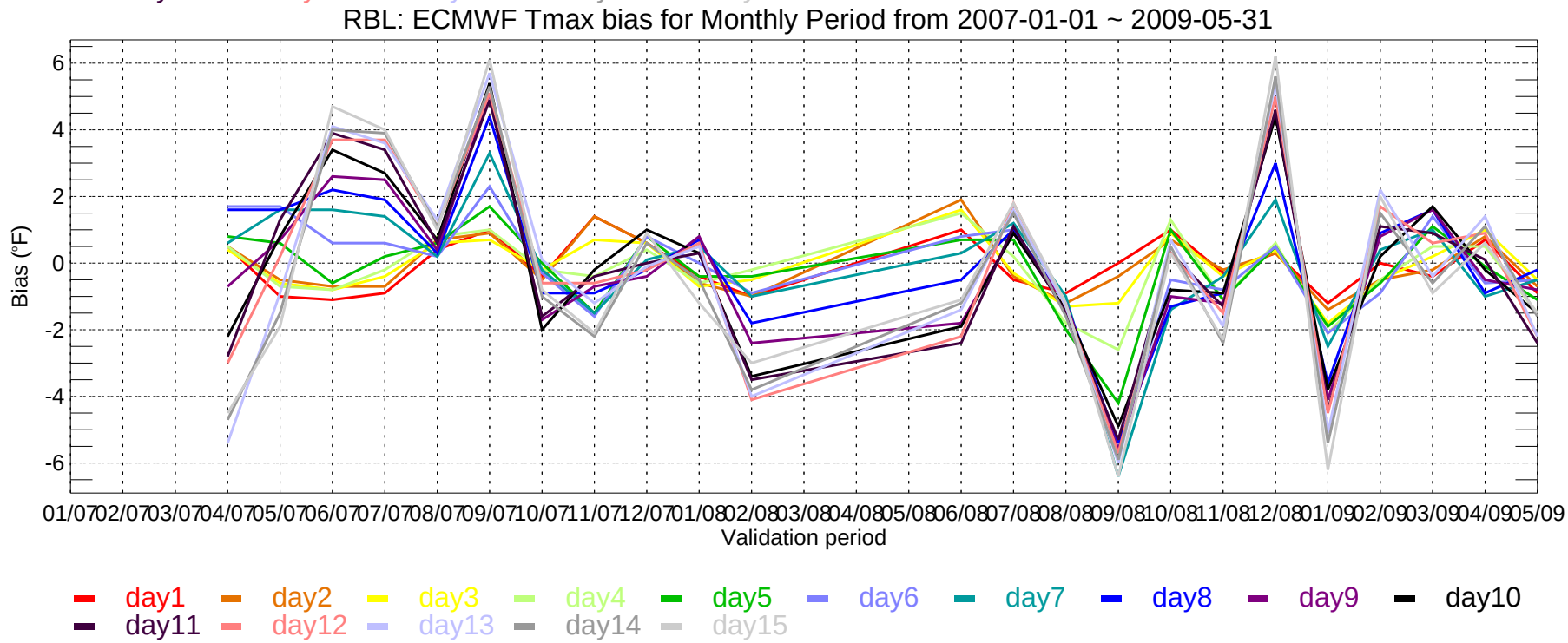
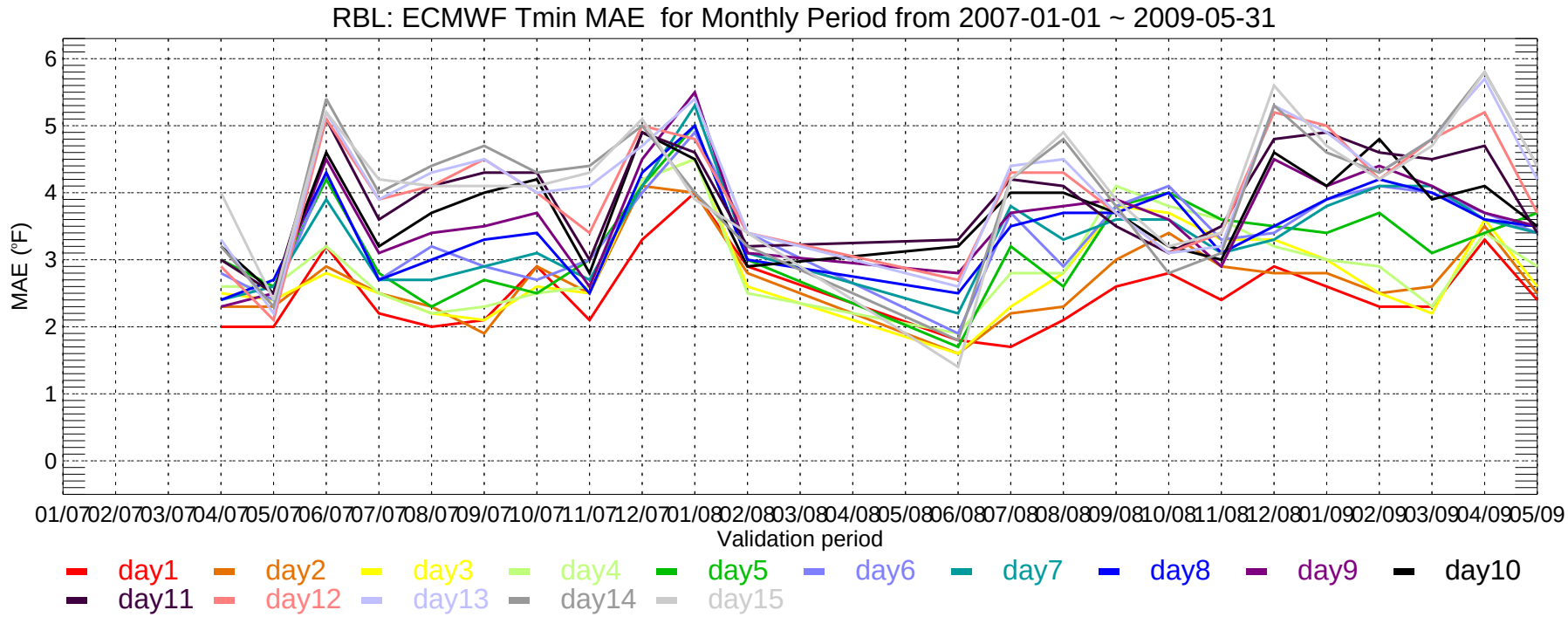
day11 day12 day13 day14 day15

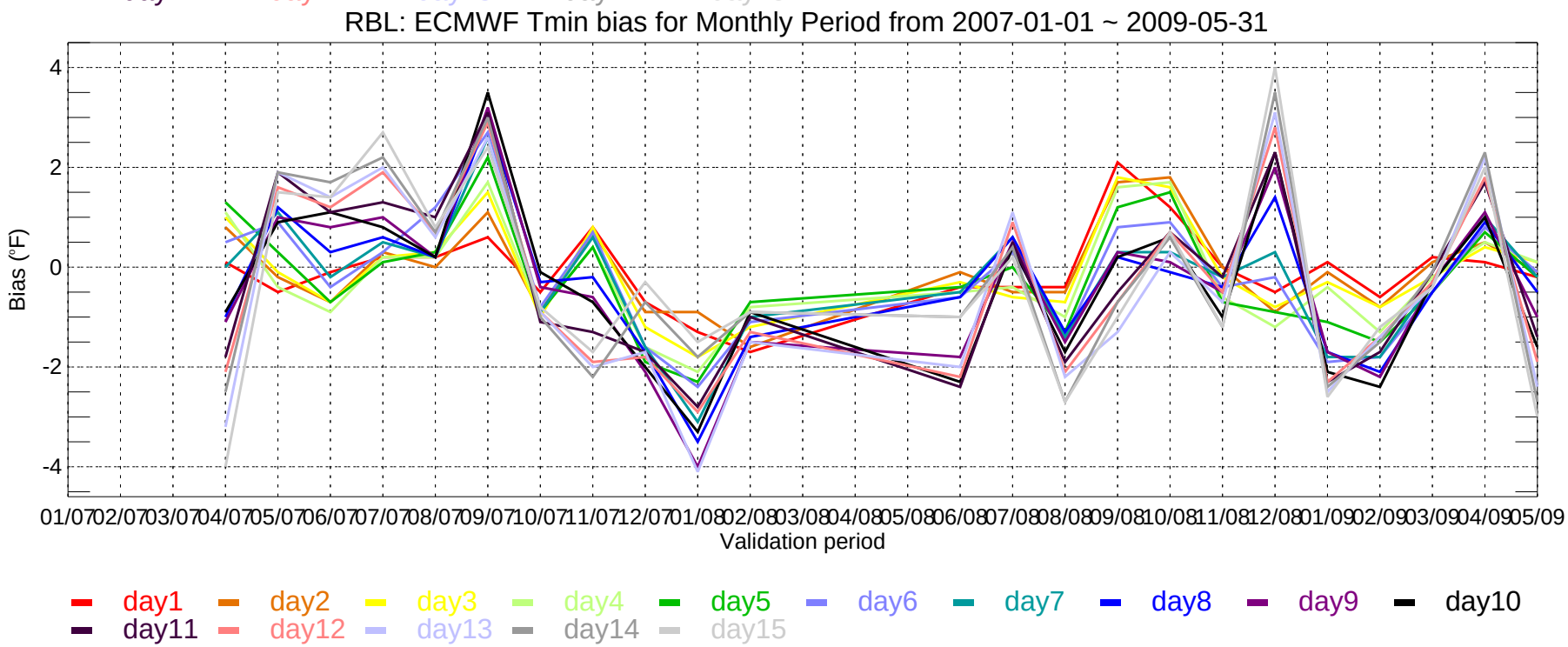

RAP: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
10
20
30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

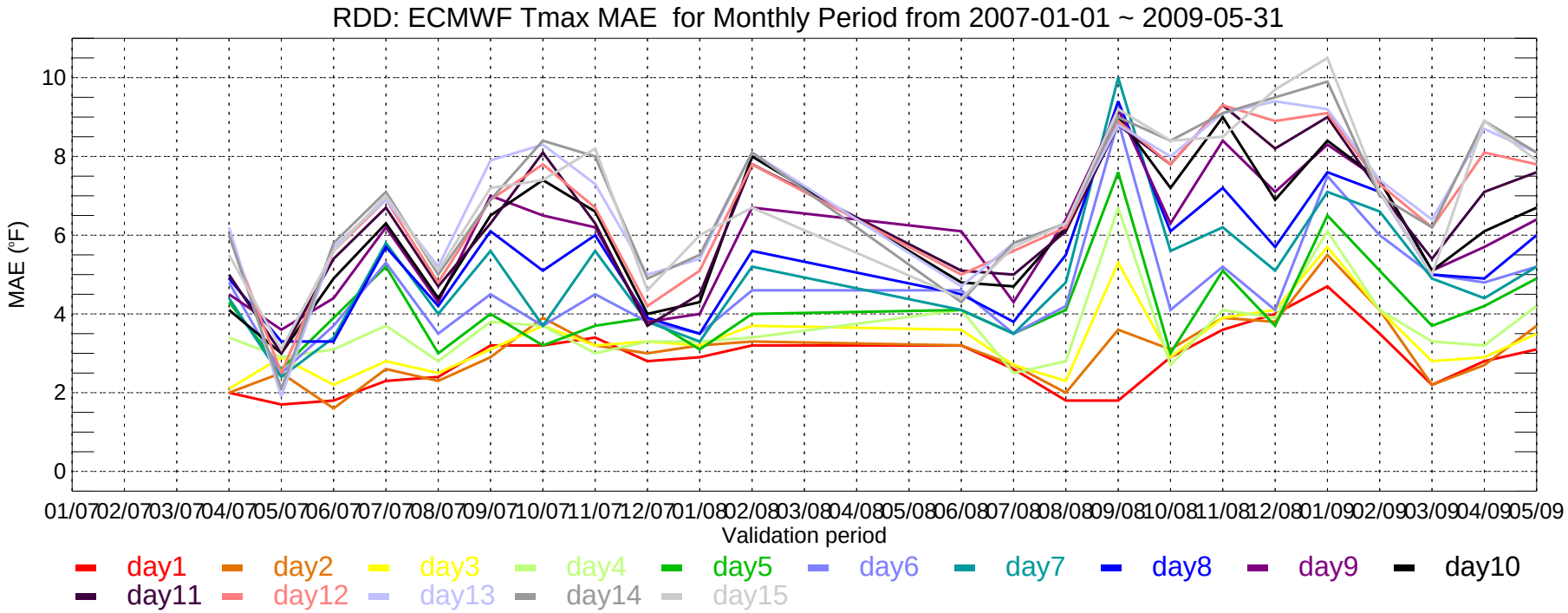

RAP: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
0
-10
-20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

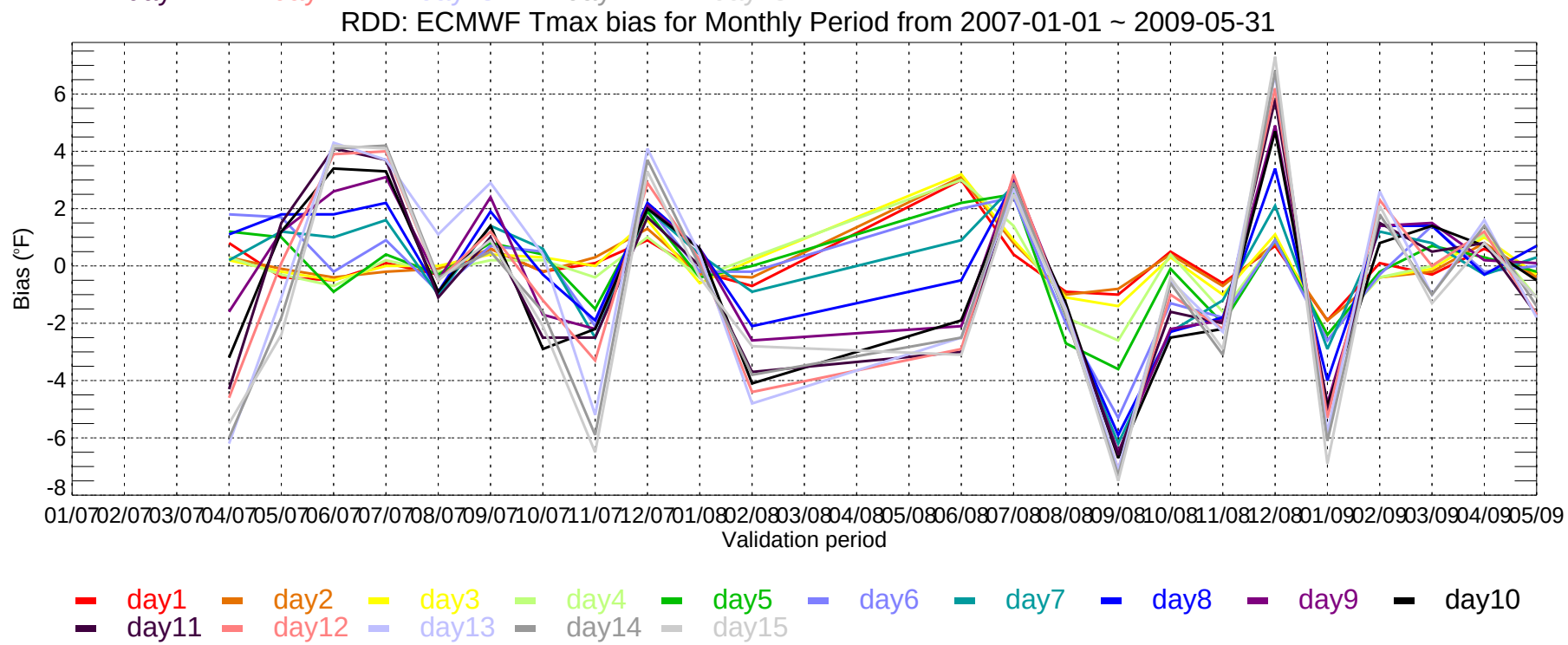

RBL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

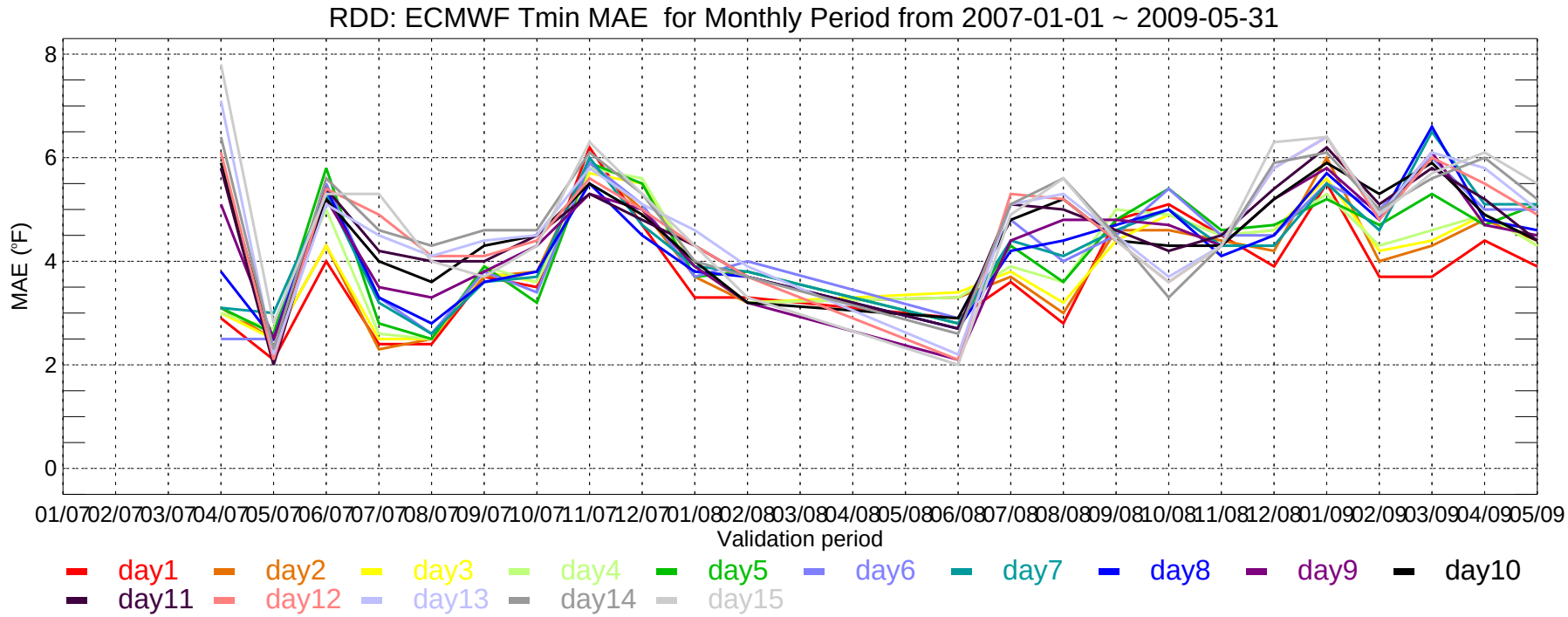

RBL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

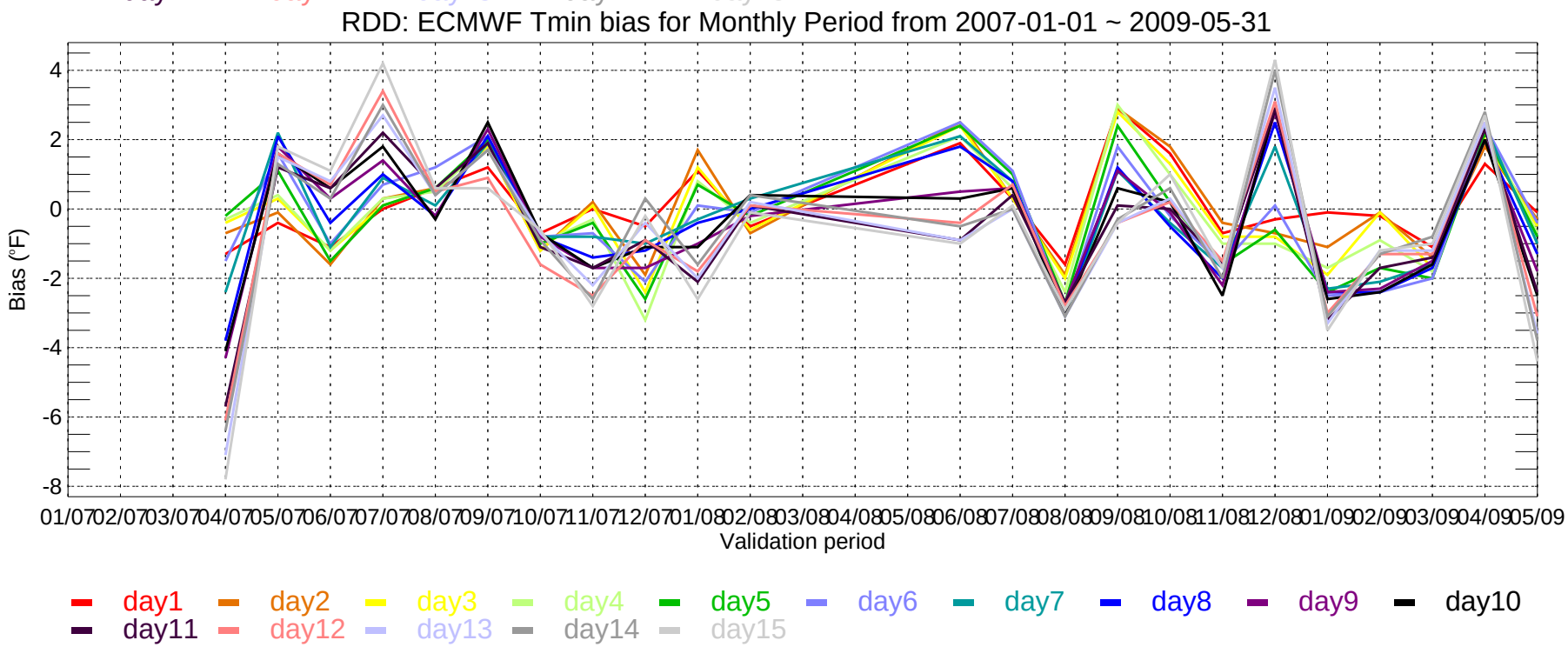

RBL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
1
2
3
4
5
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

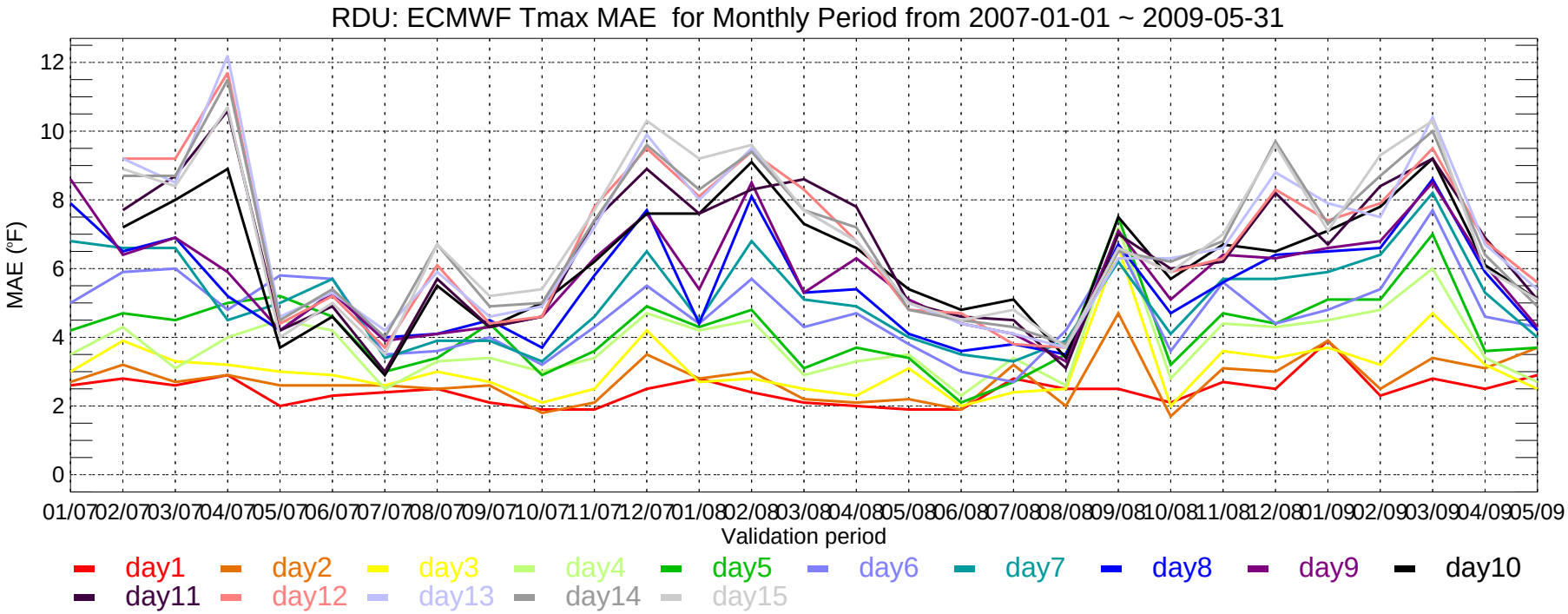

RBL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

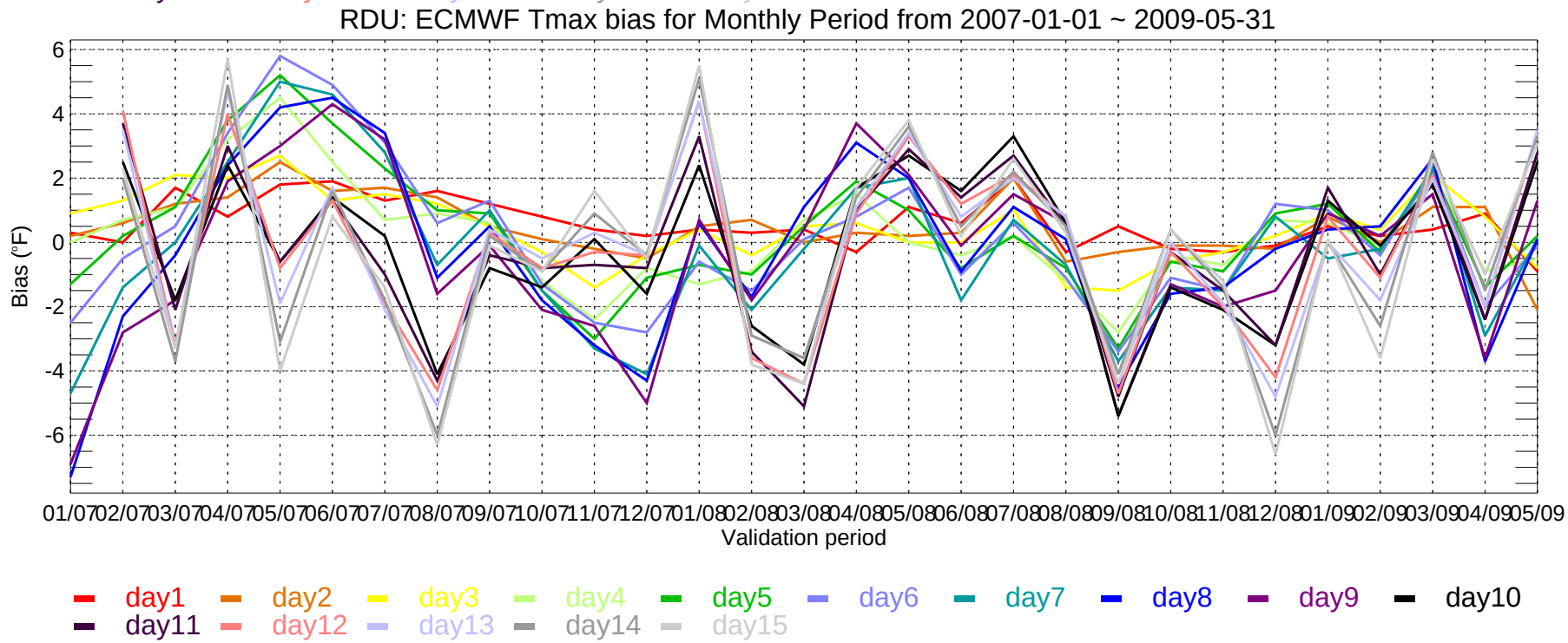

RDD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

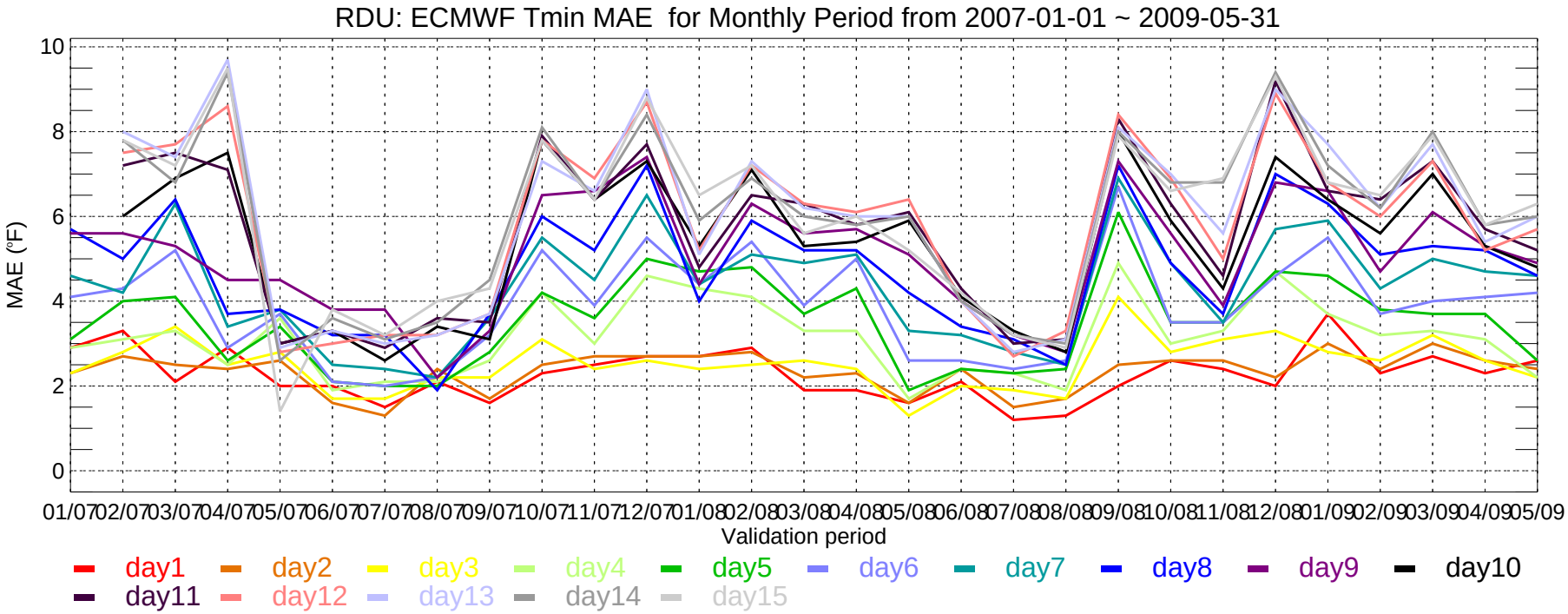

RDD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-8
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

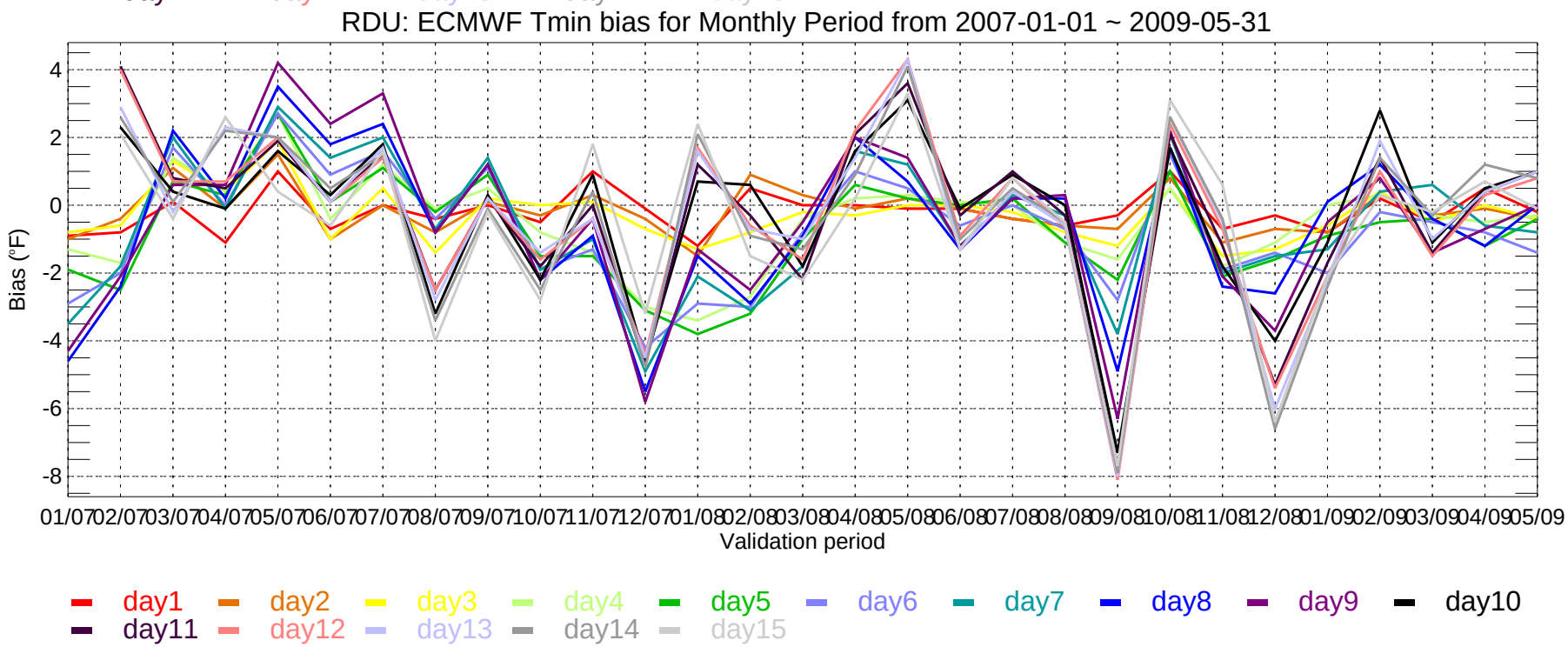

RDD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

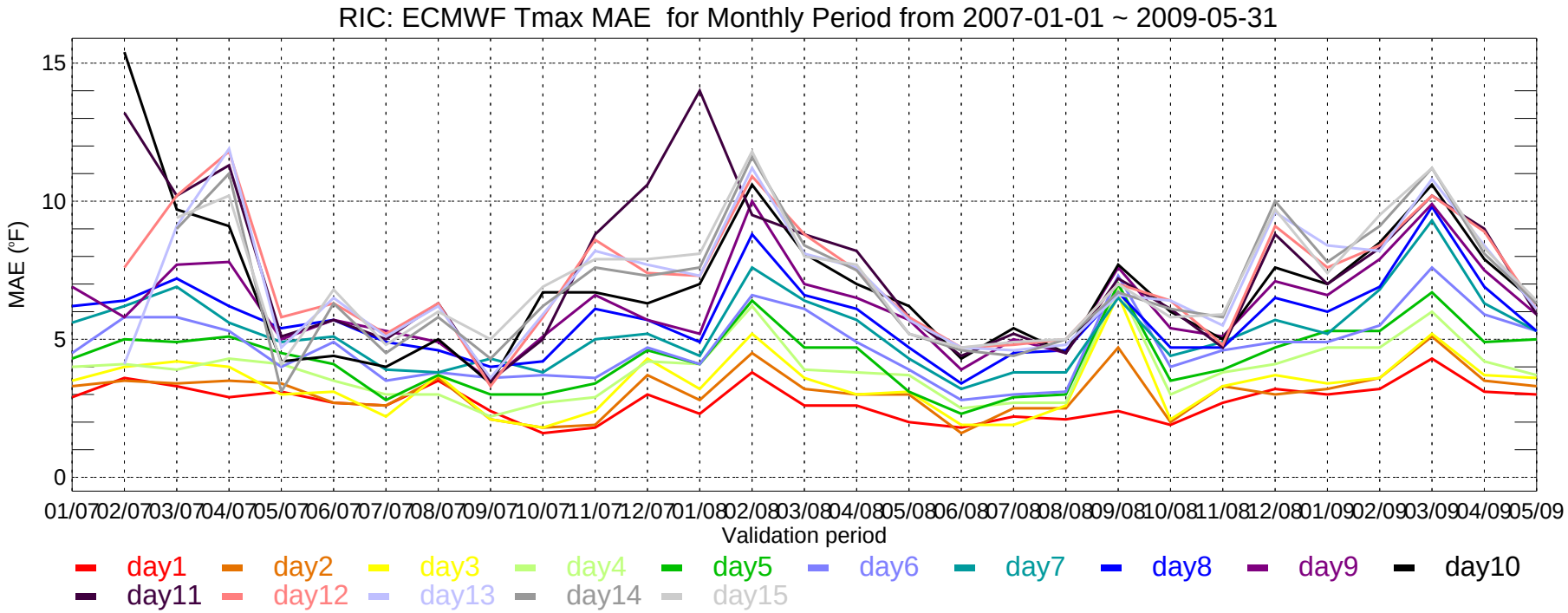

RDD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

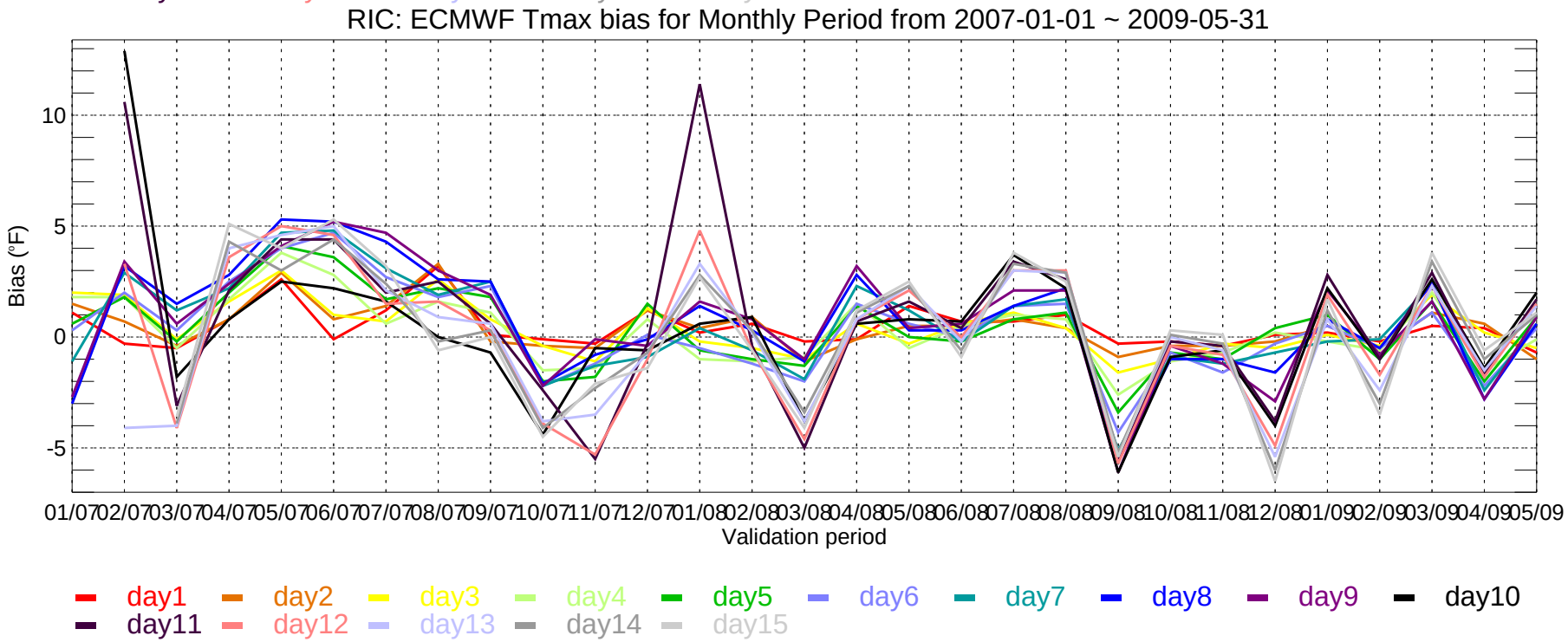

RDU: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

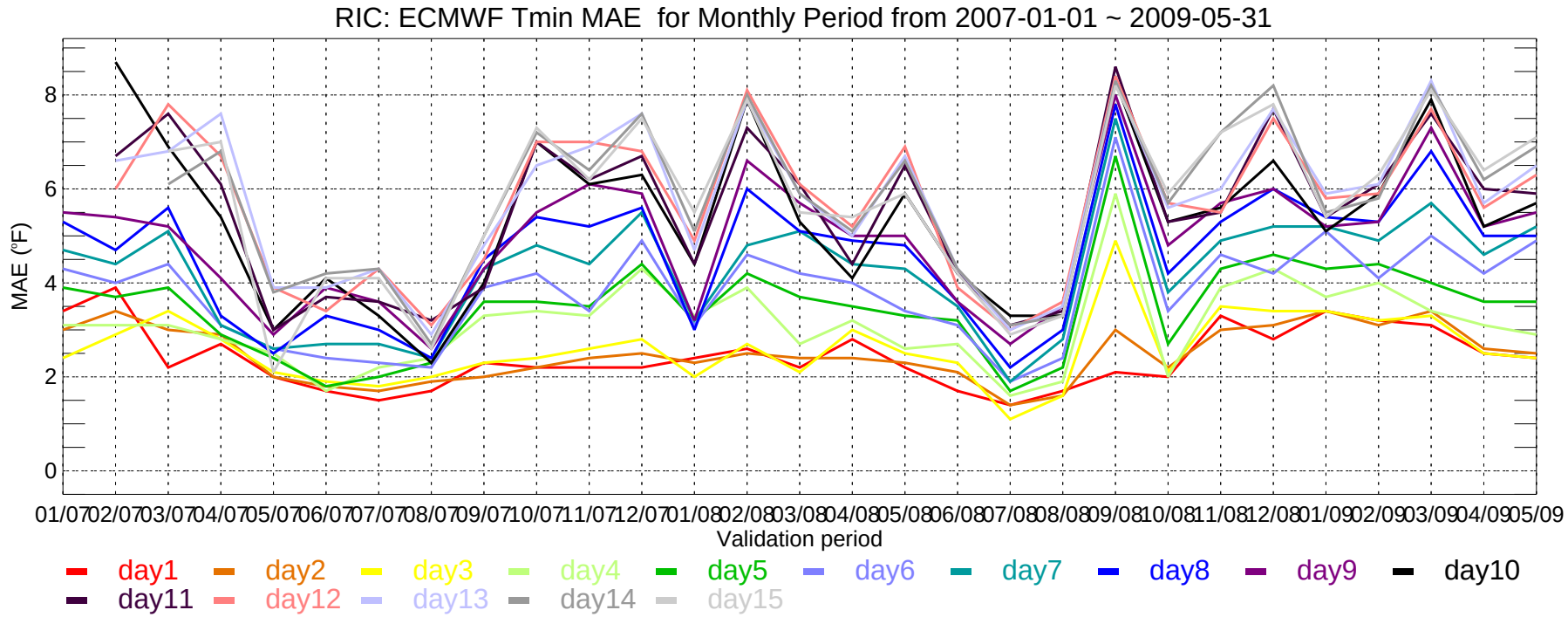

RDU: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

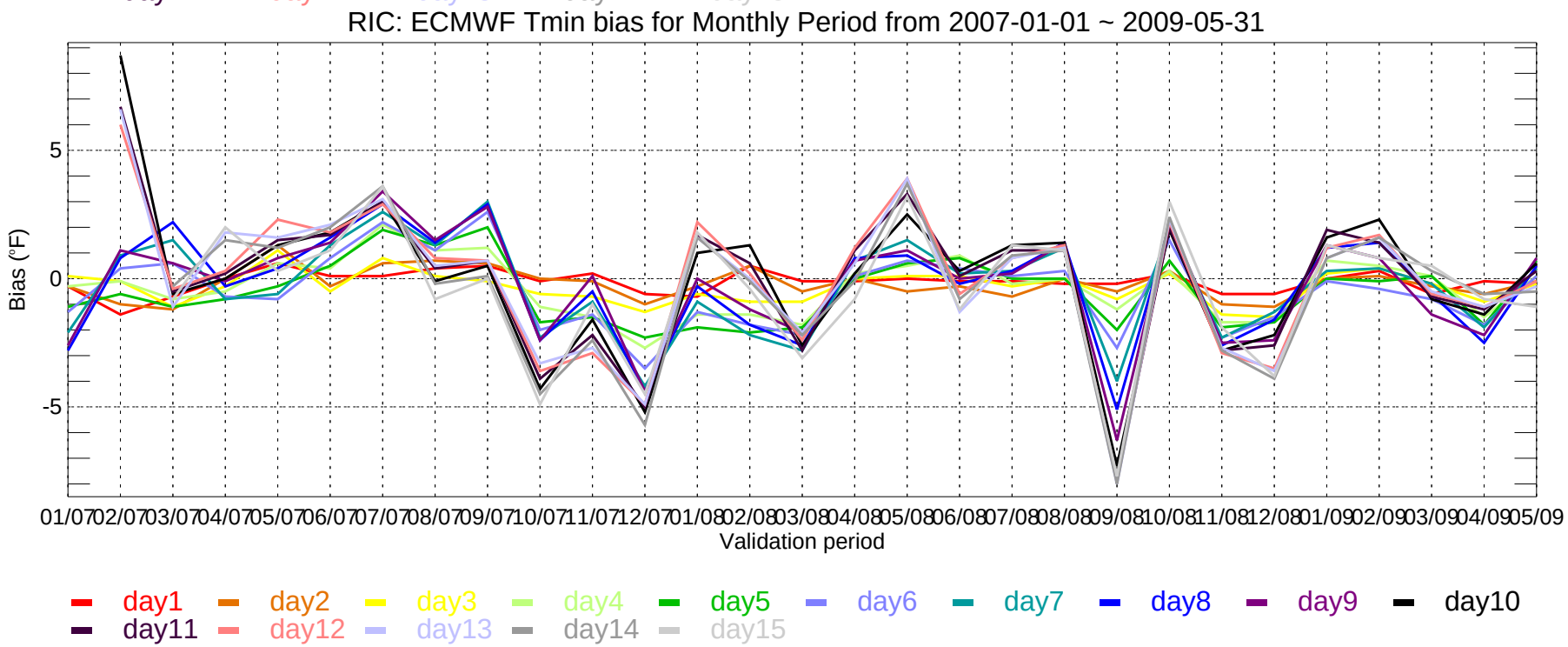

RDU: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

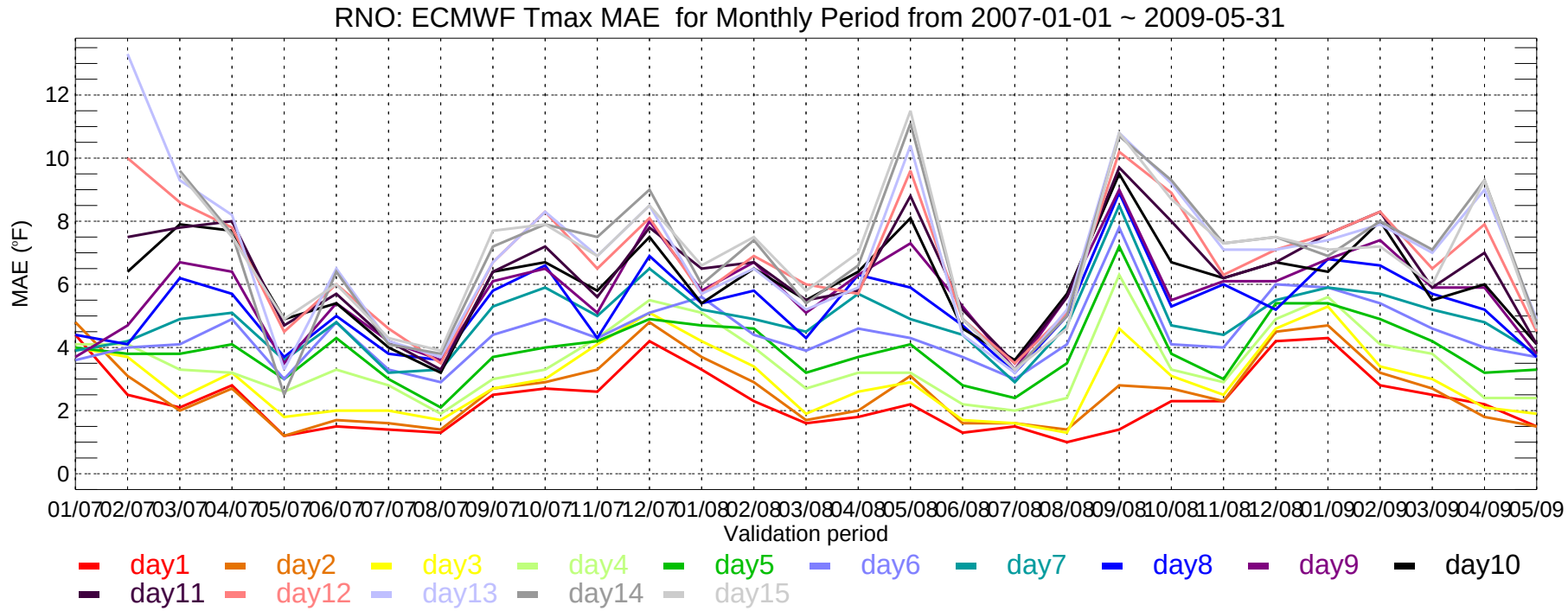

RDU: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

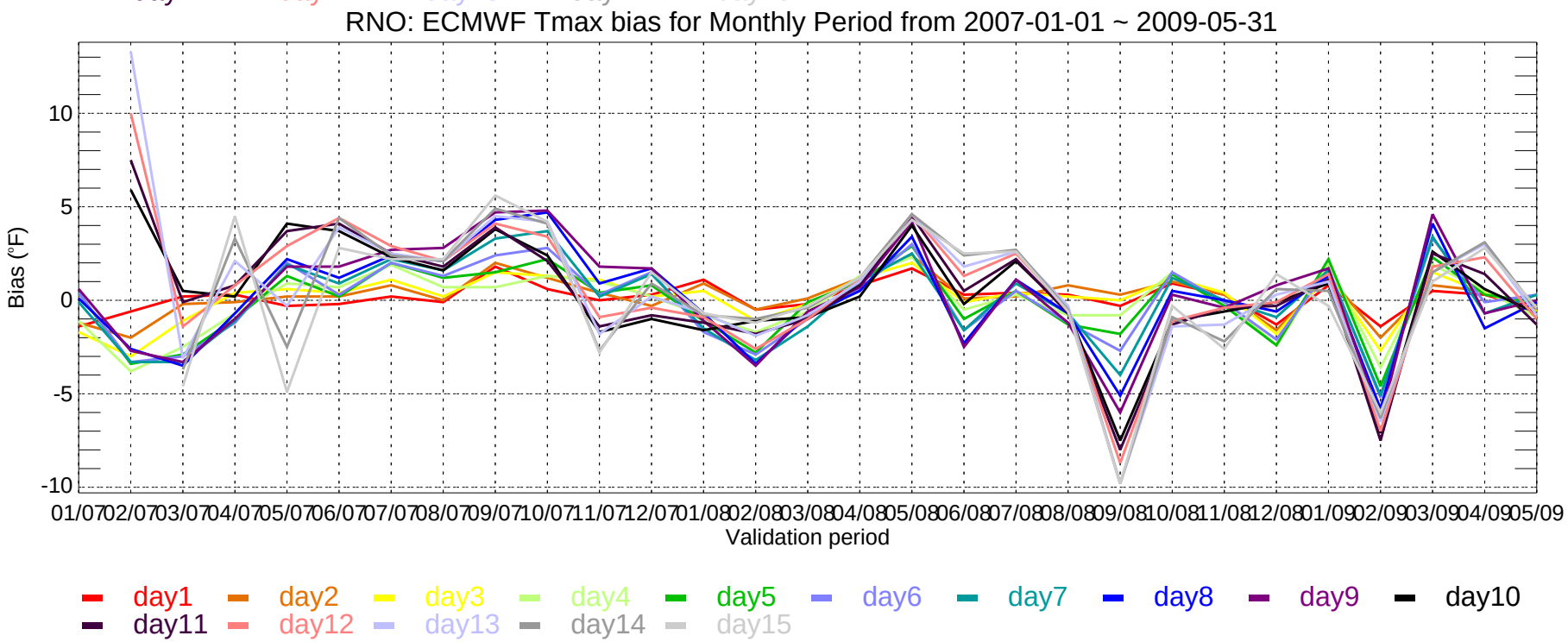

RIC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

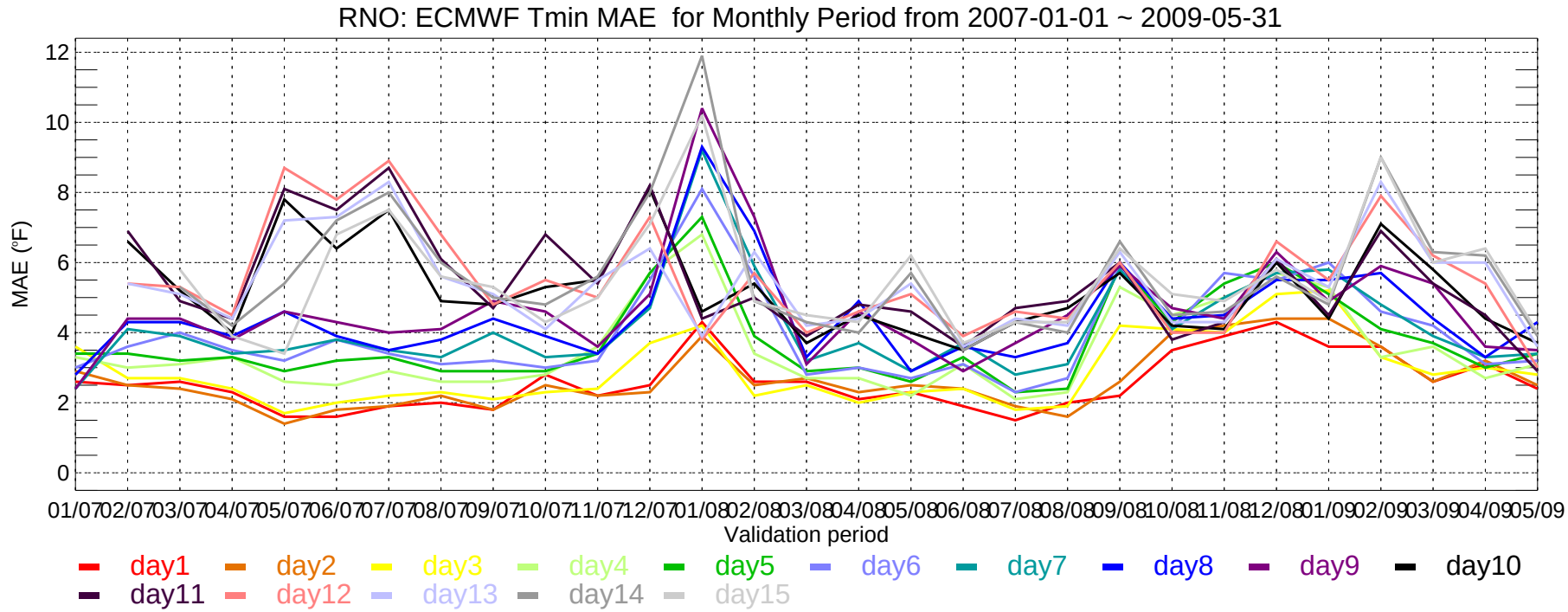

RIC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

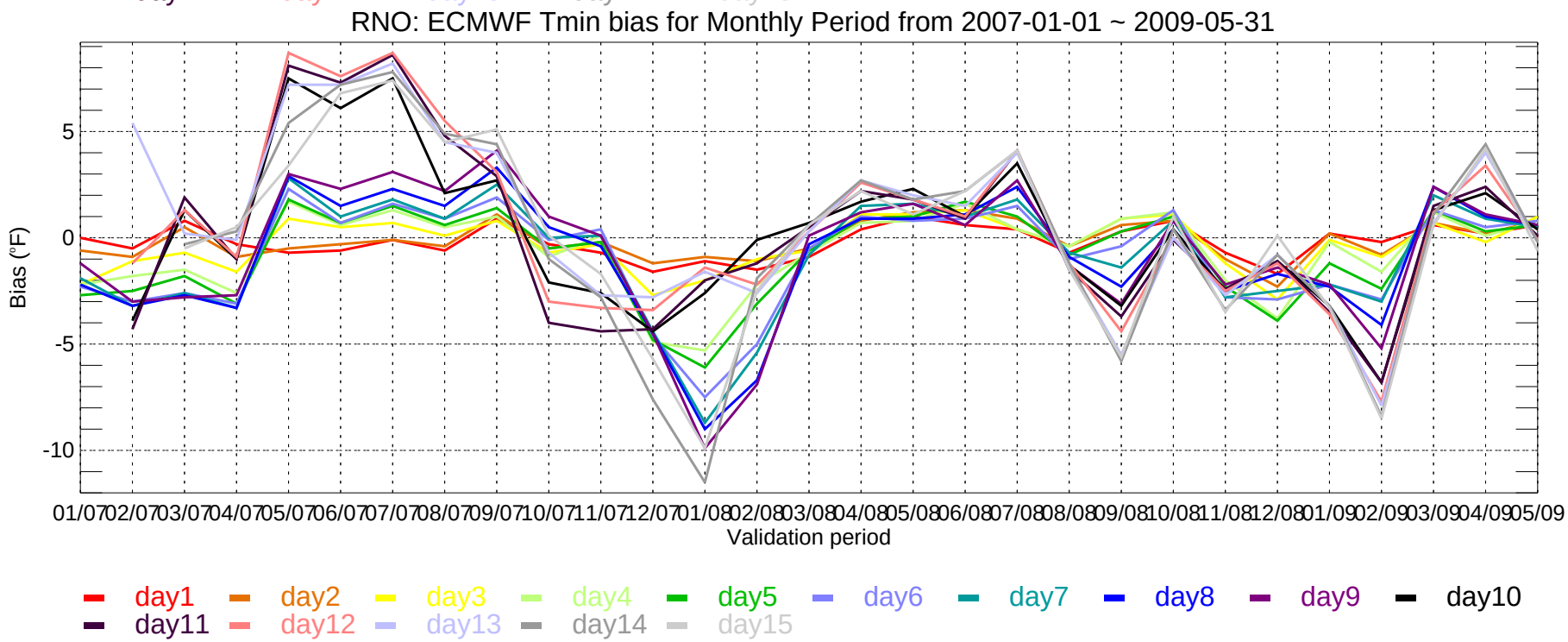

RIC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

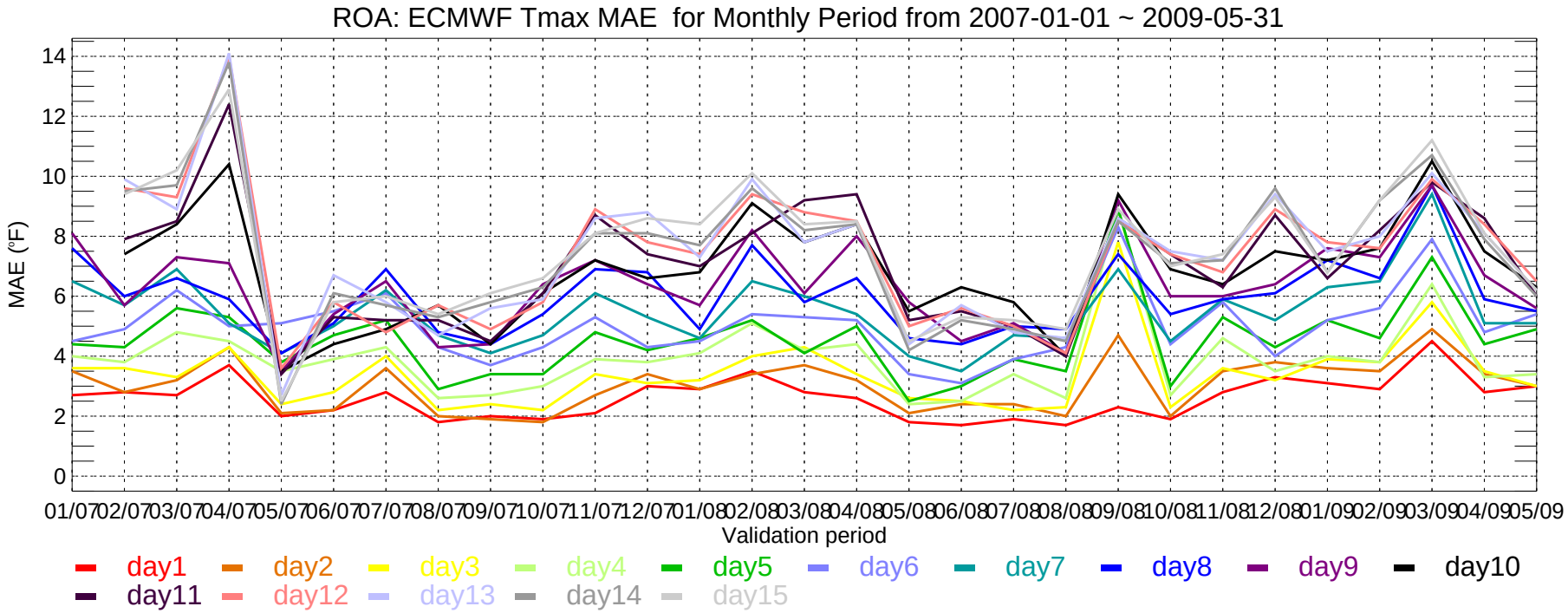

RIC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

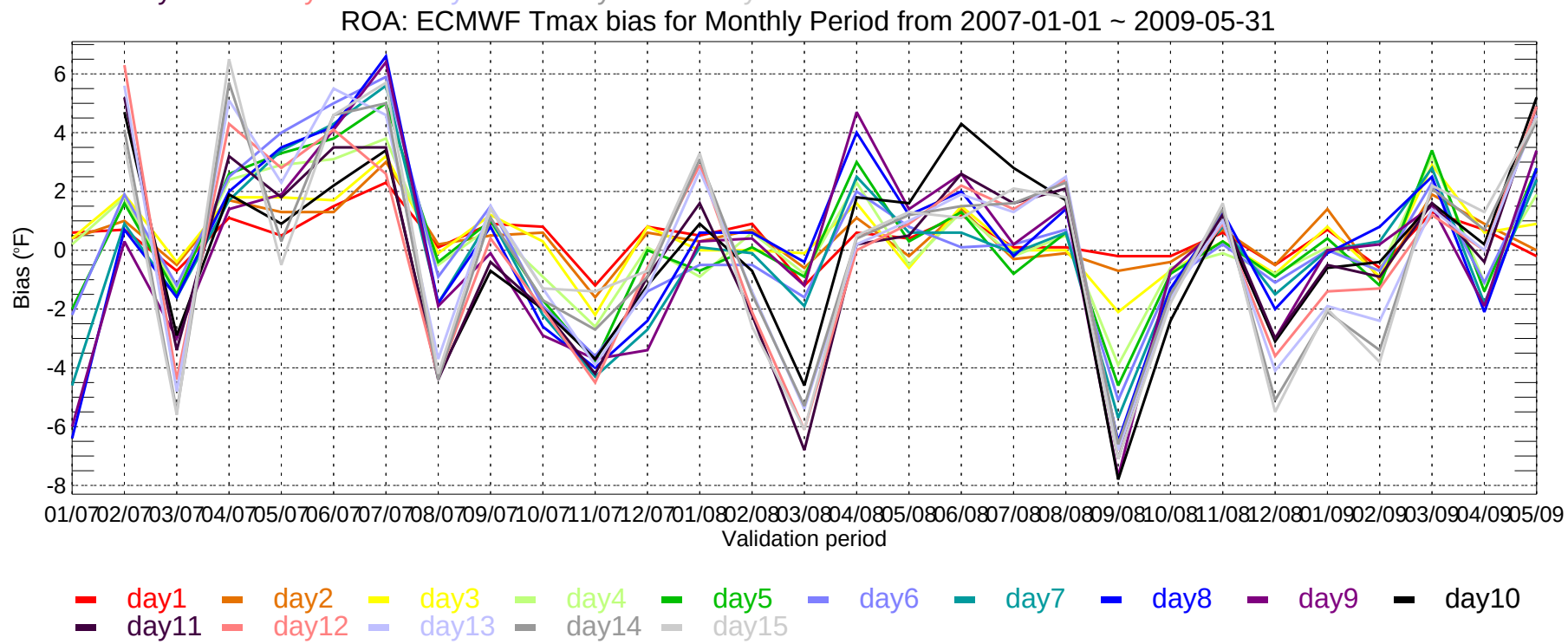

RNO: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

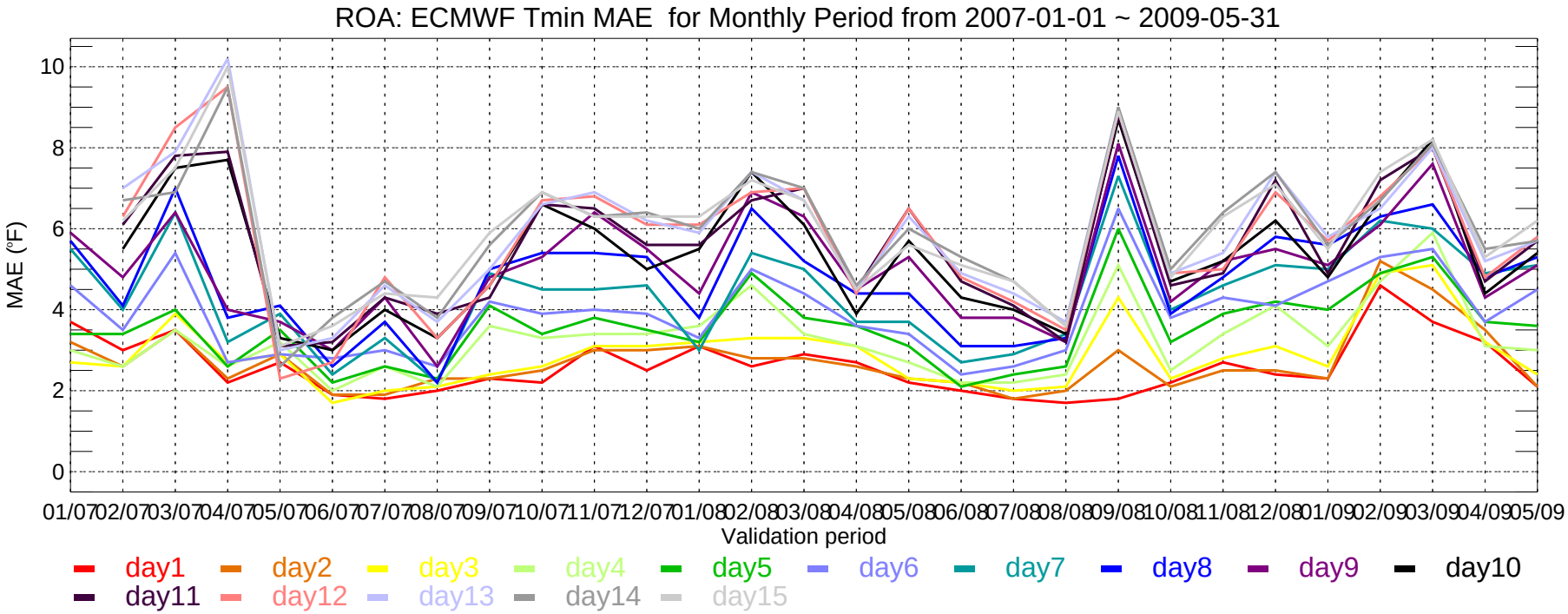

RNO: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

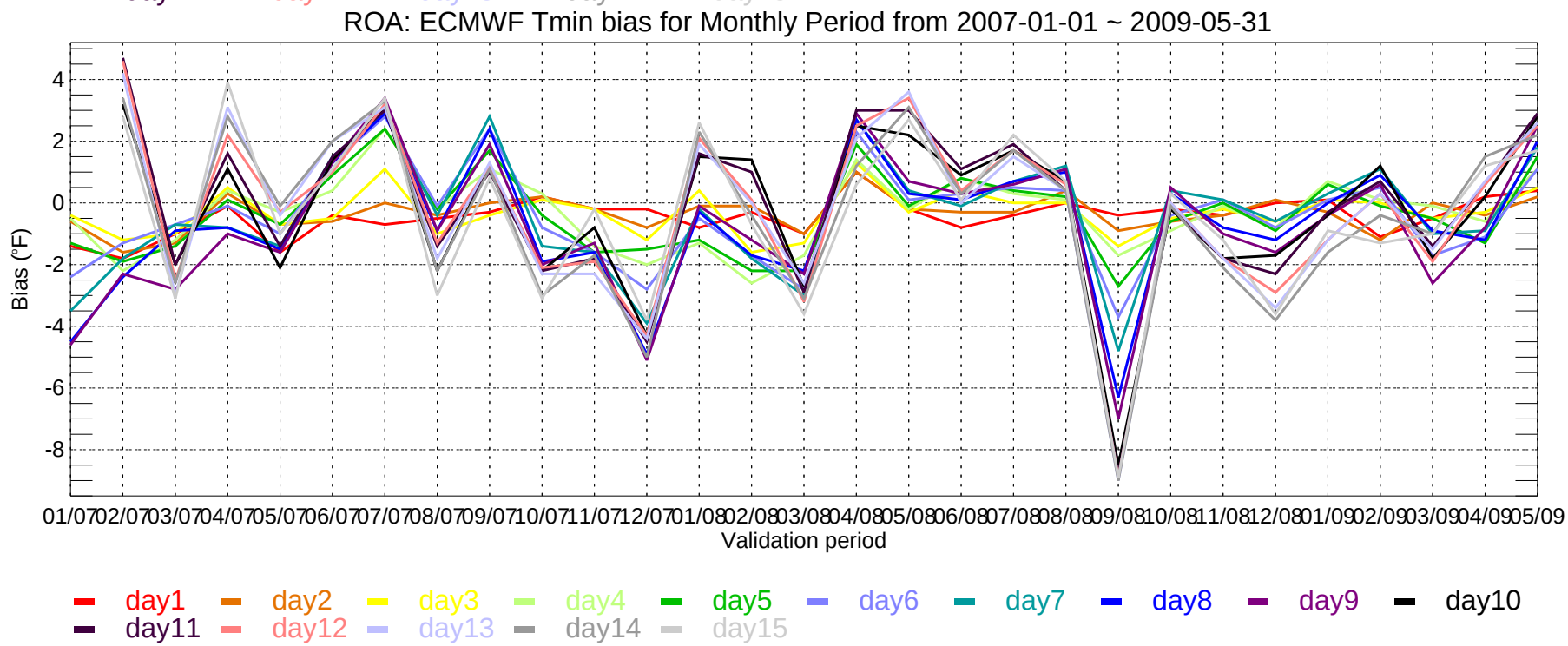

RNO: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

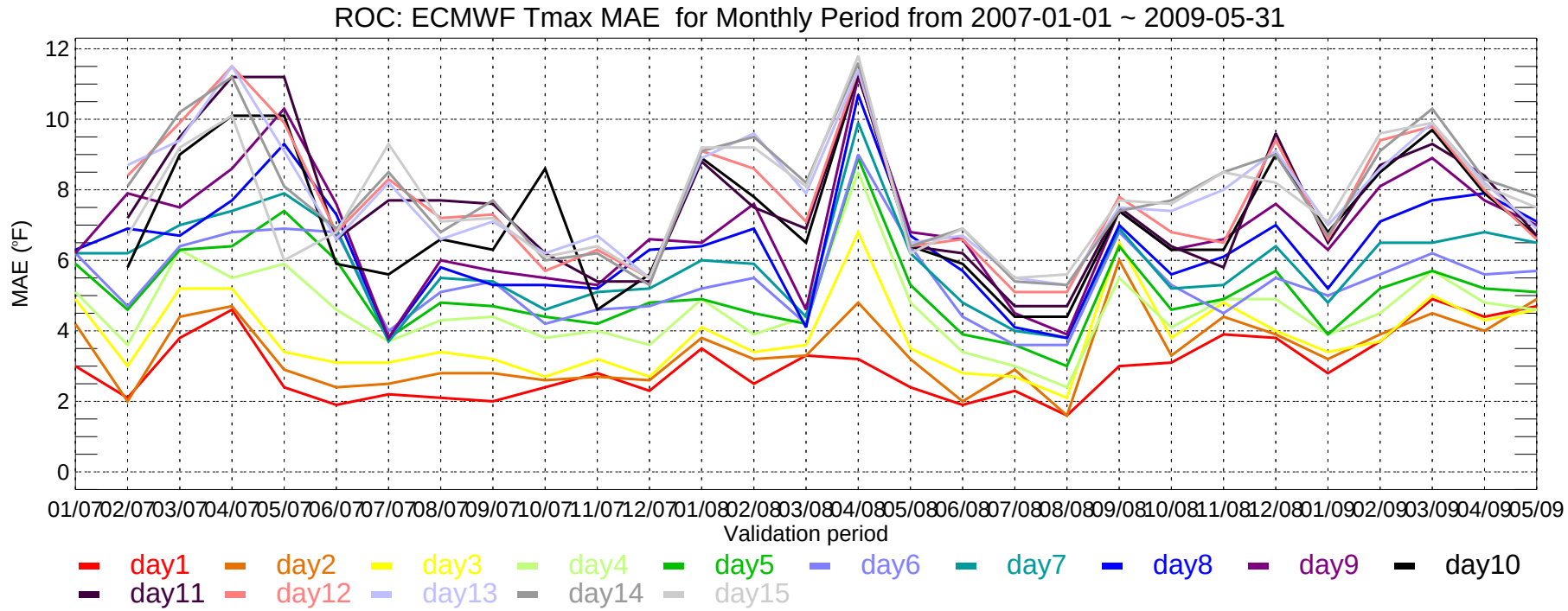

RNO: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

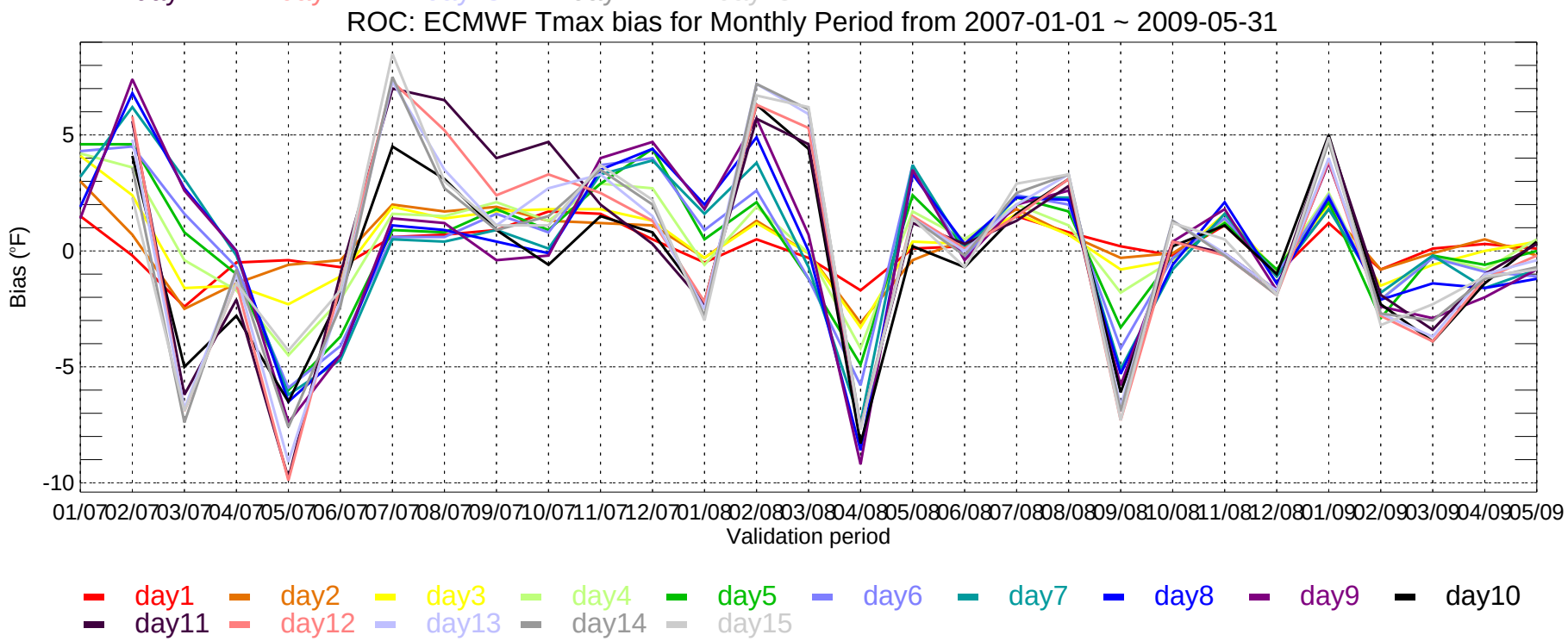

ROA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

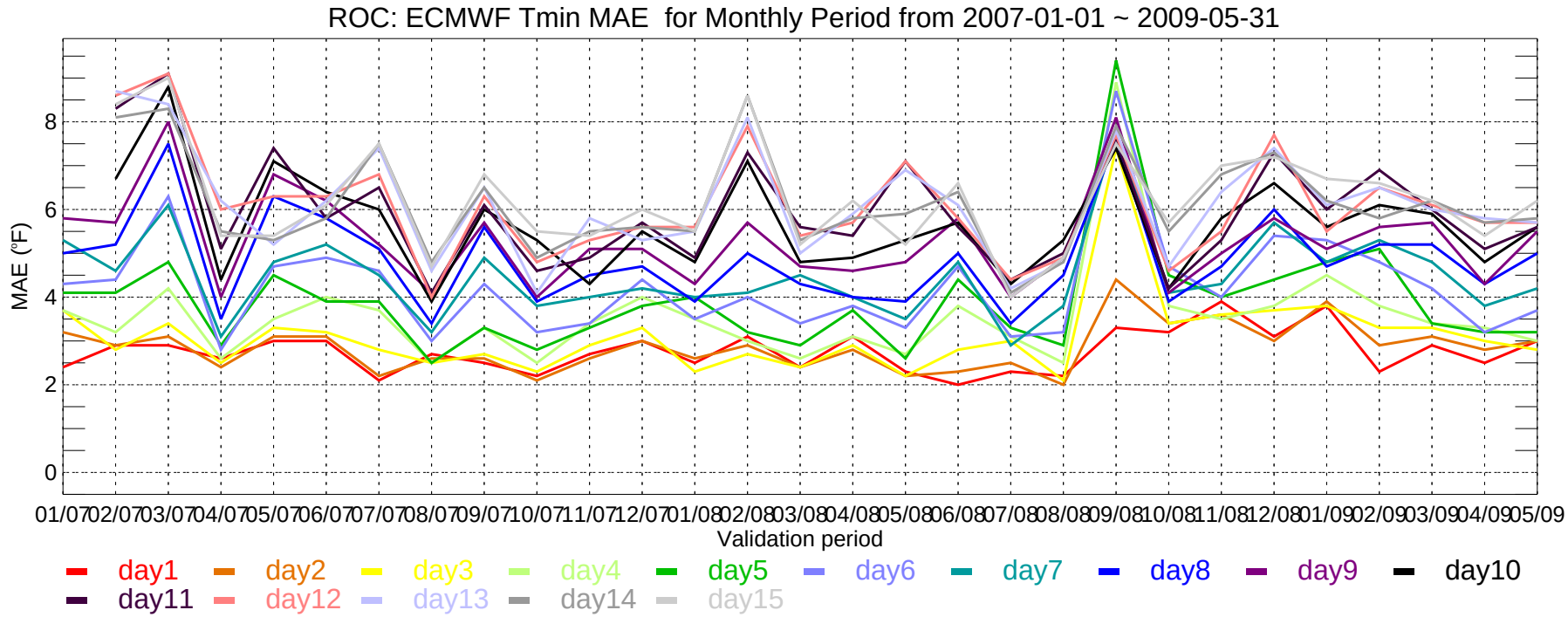

ROA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

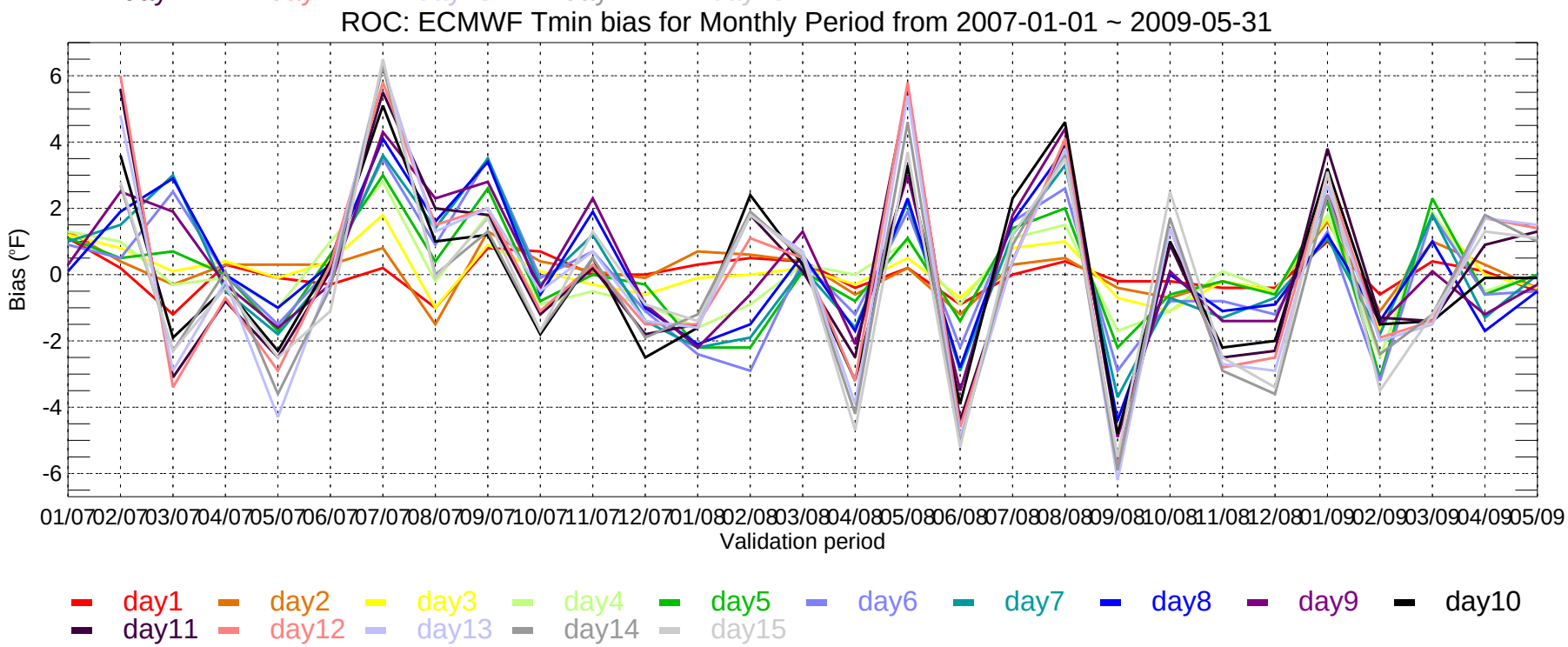

ROA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

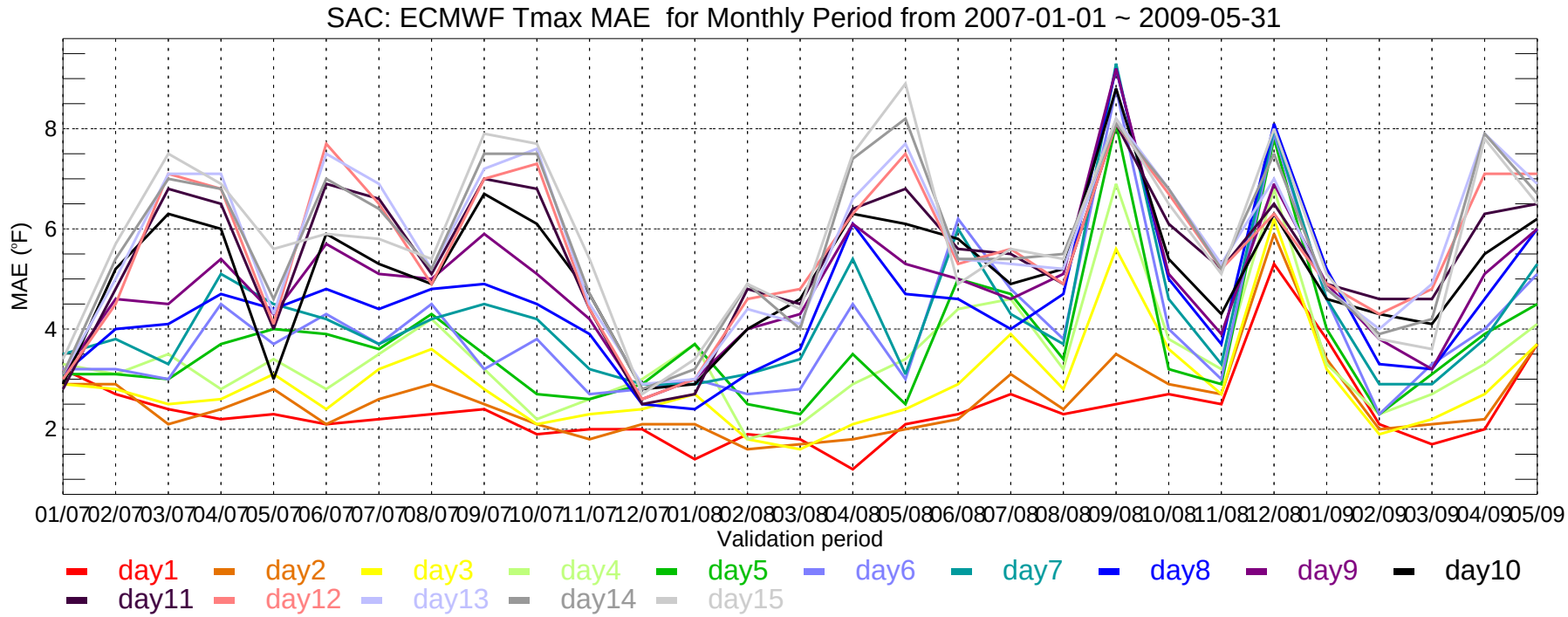

ROA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

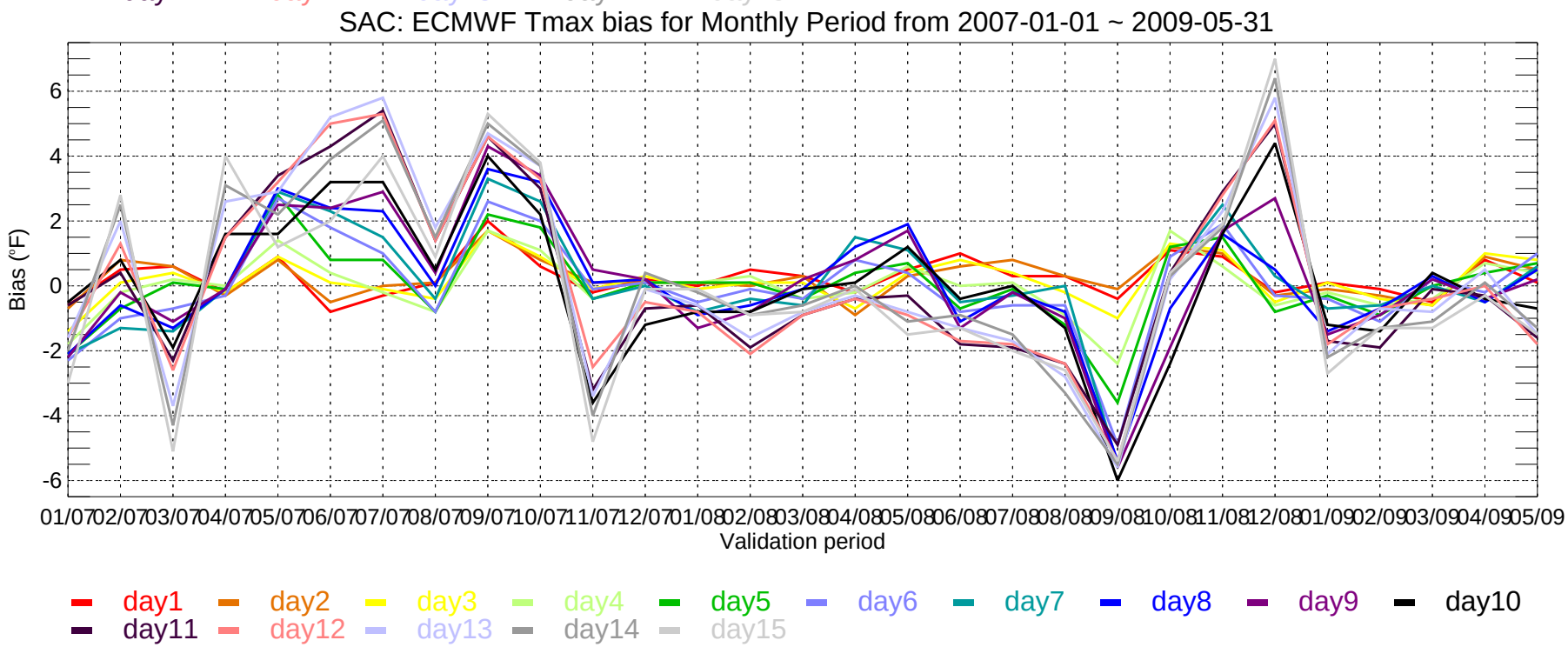

ROC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

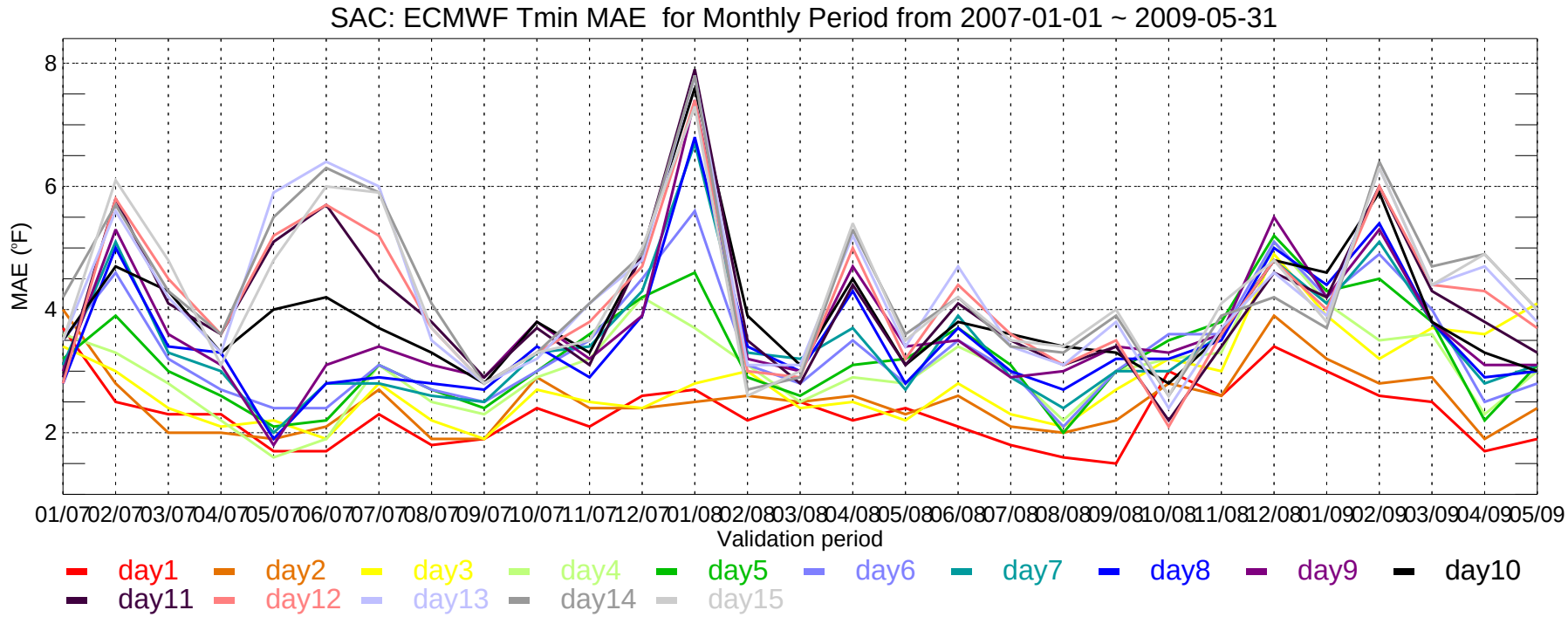

ROC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

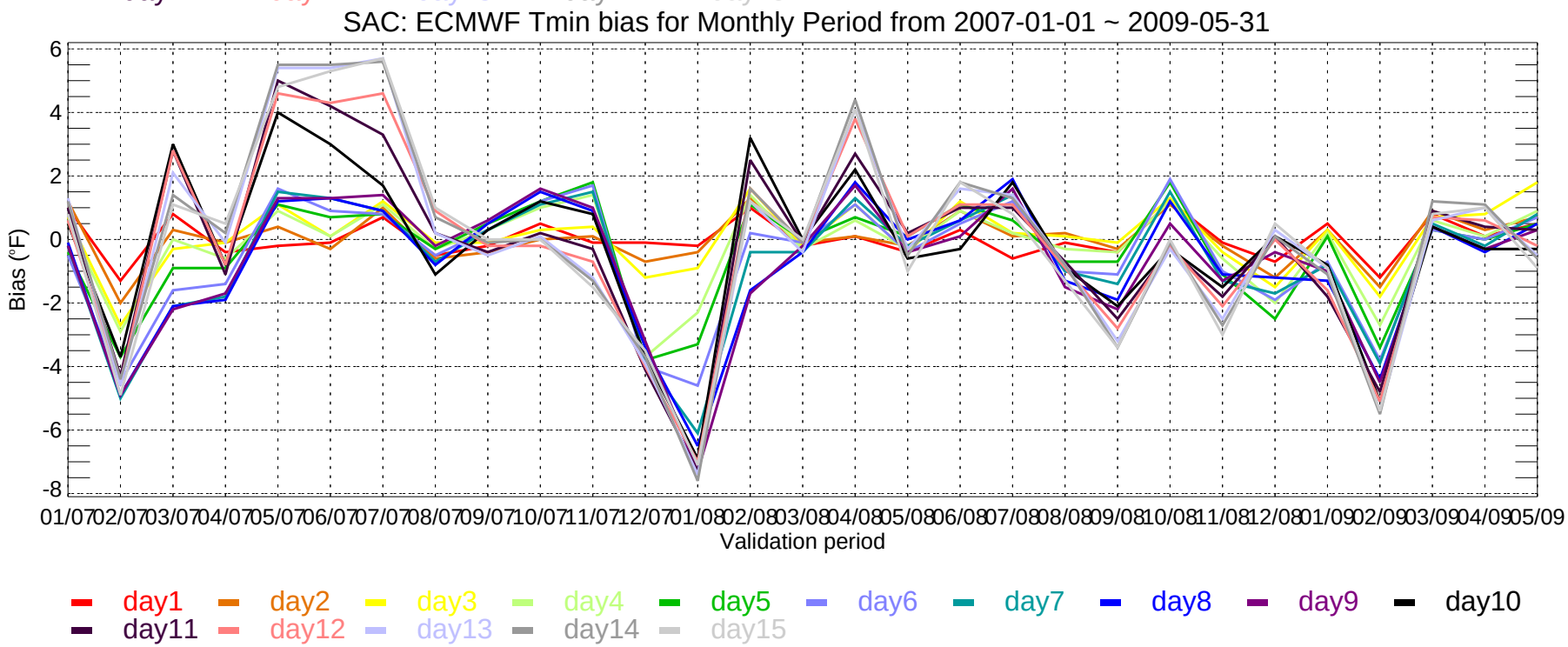

ROC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

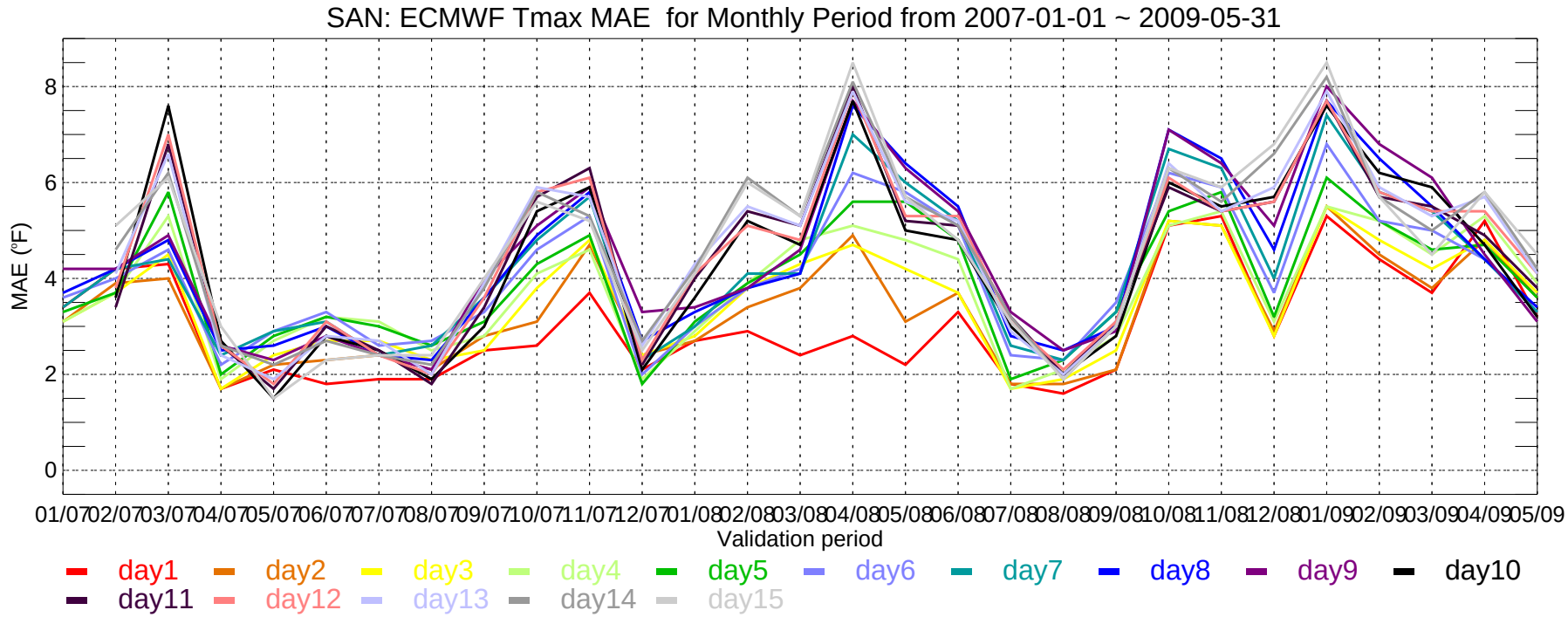

ROC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

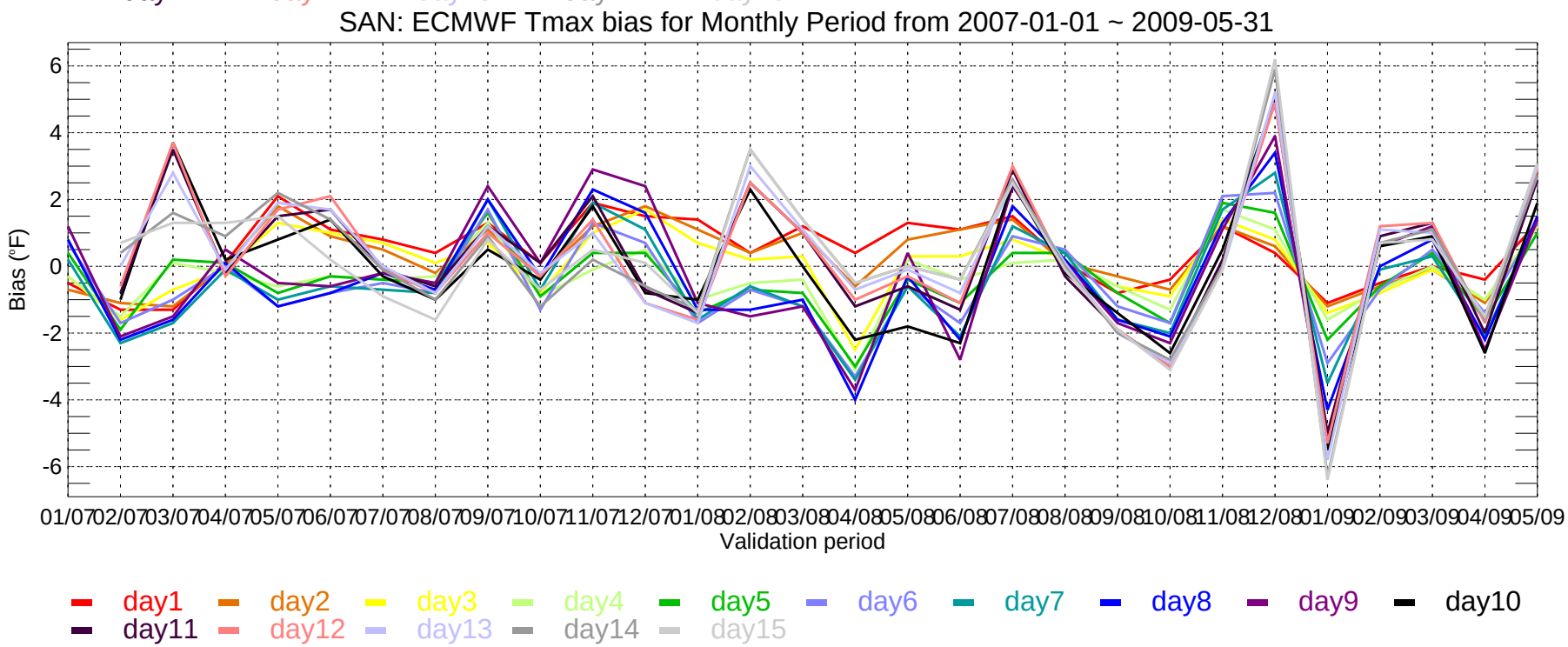

SAC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

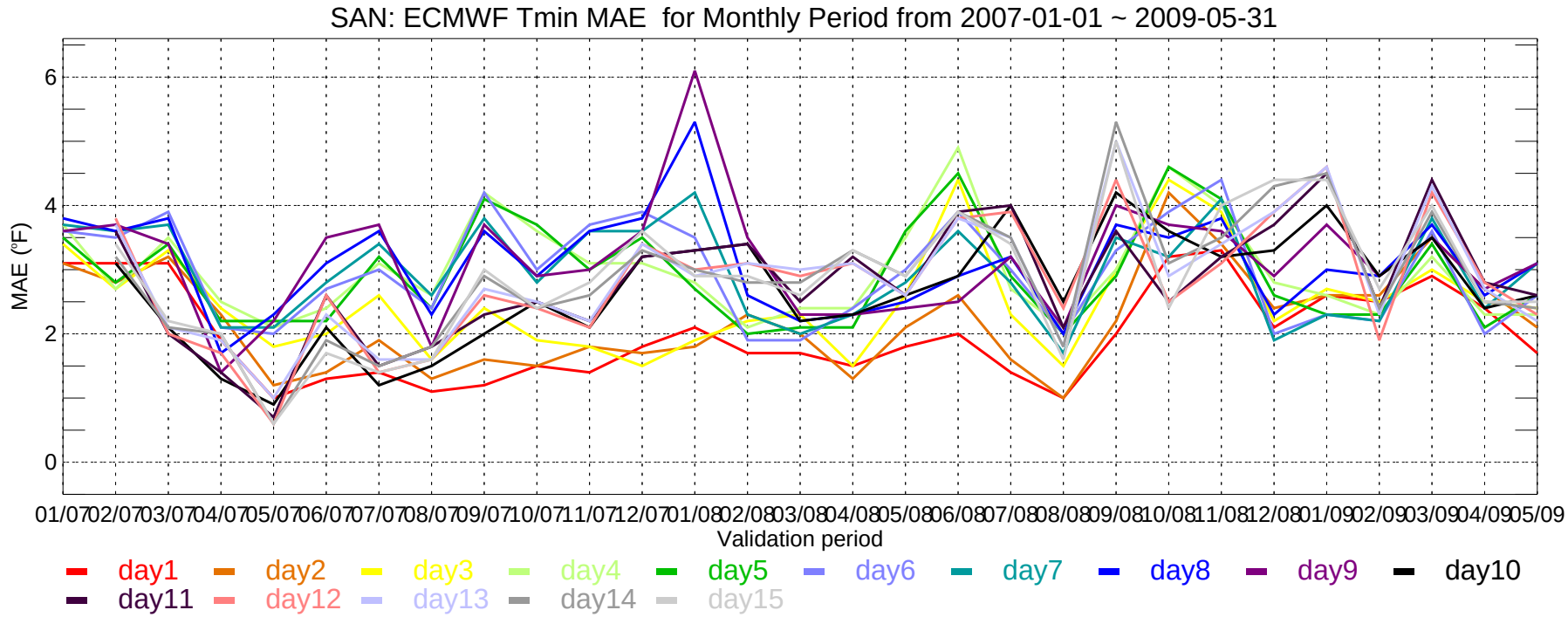

SAC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

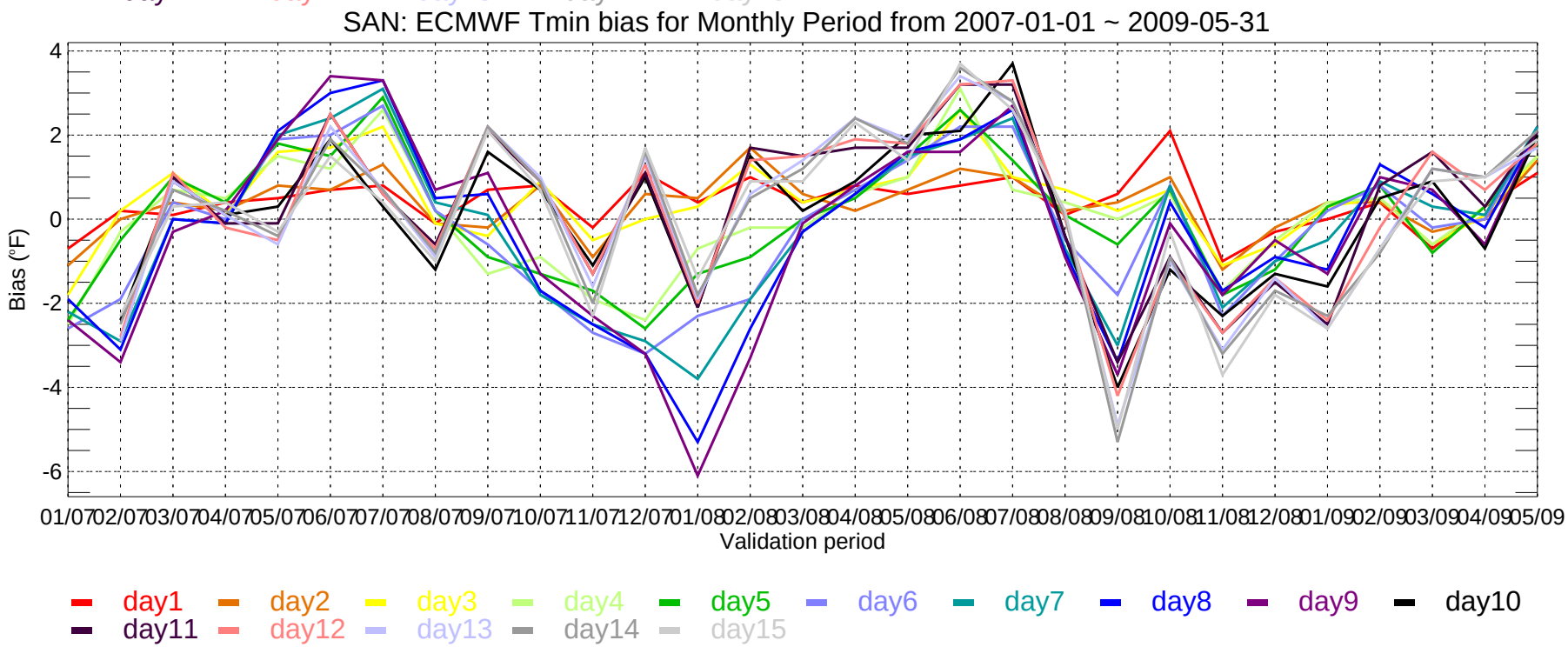

SAC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

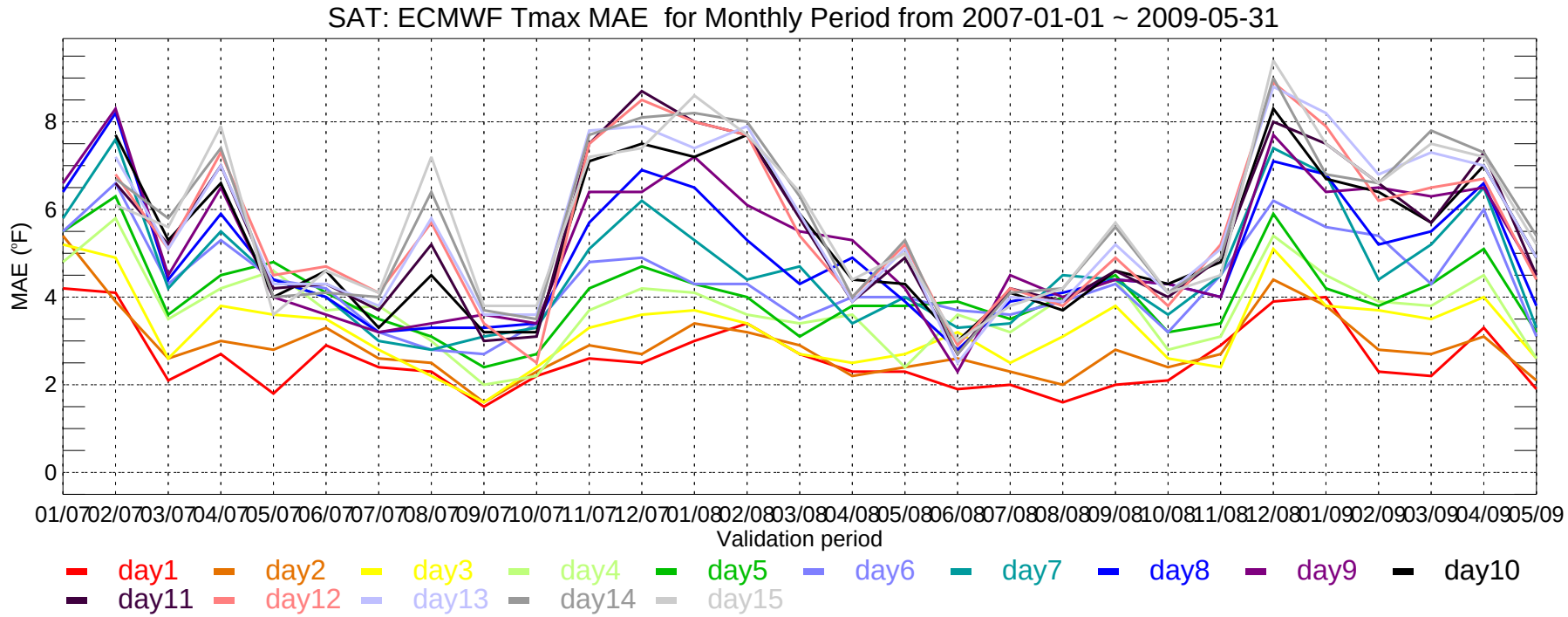

SAC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

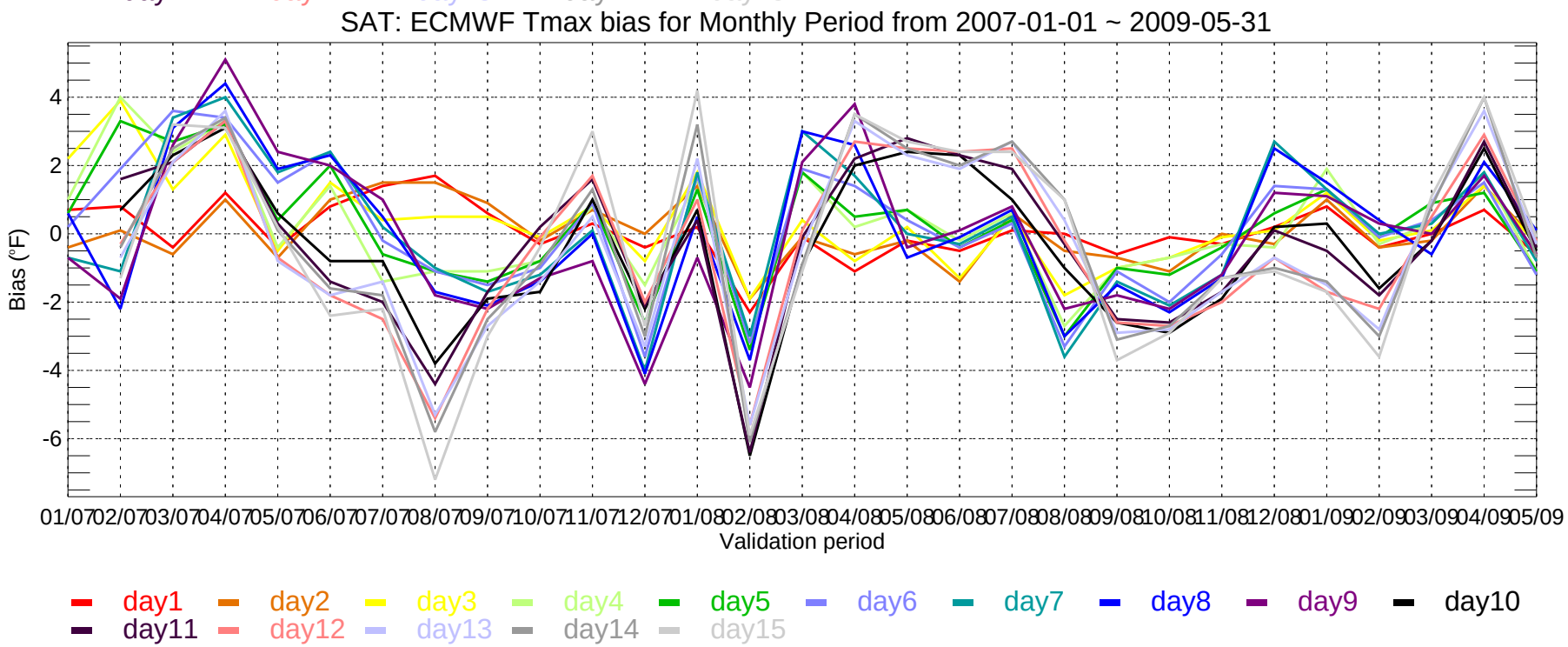

SAN: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

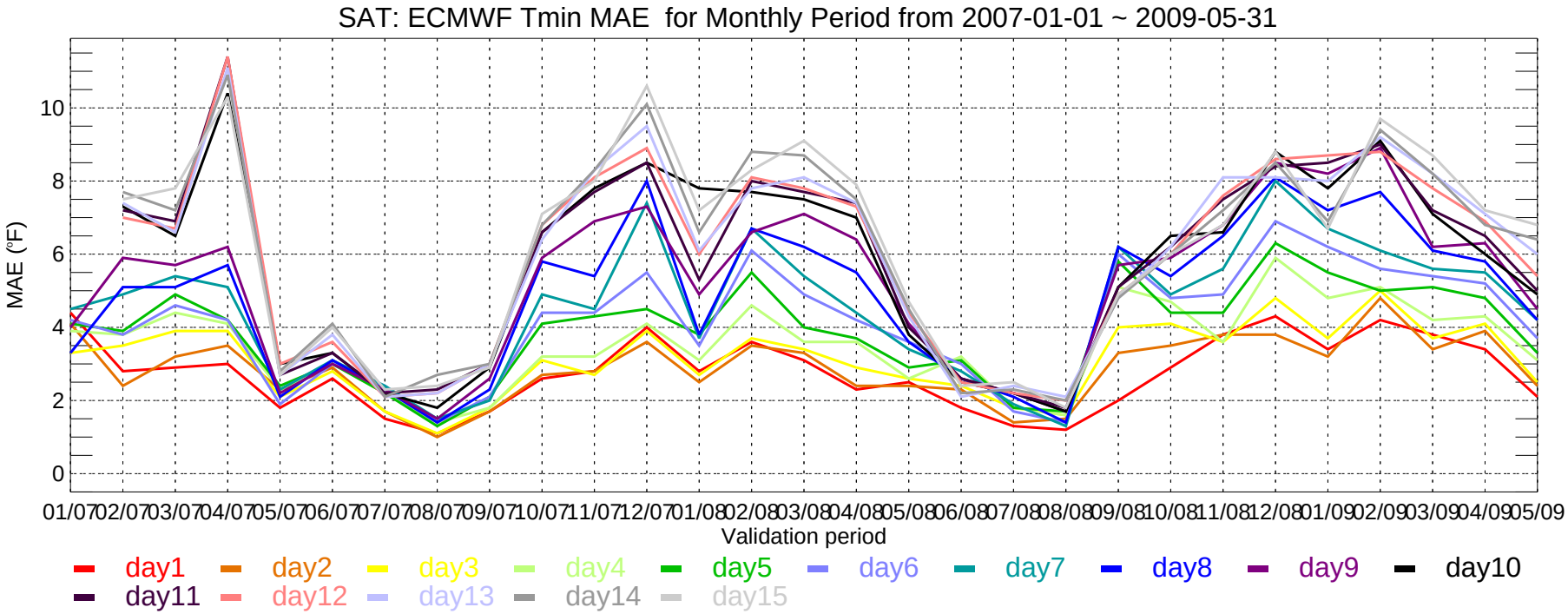

SAN: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

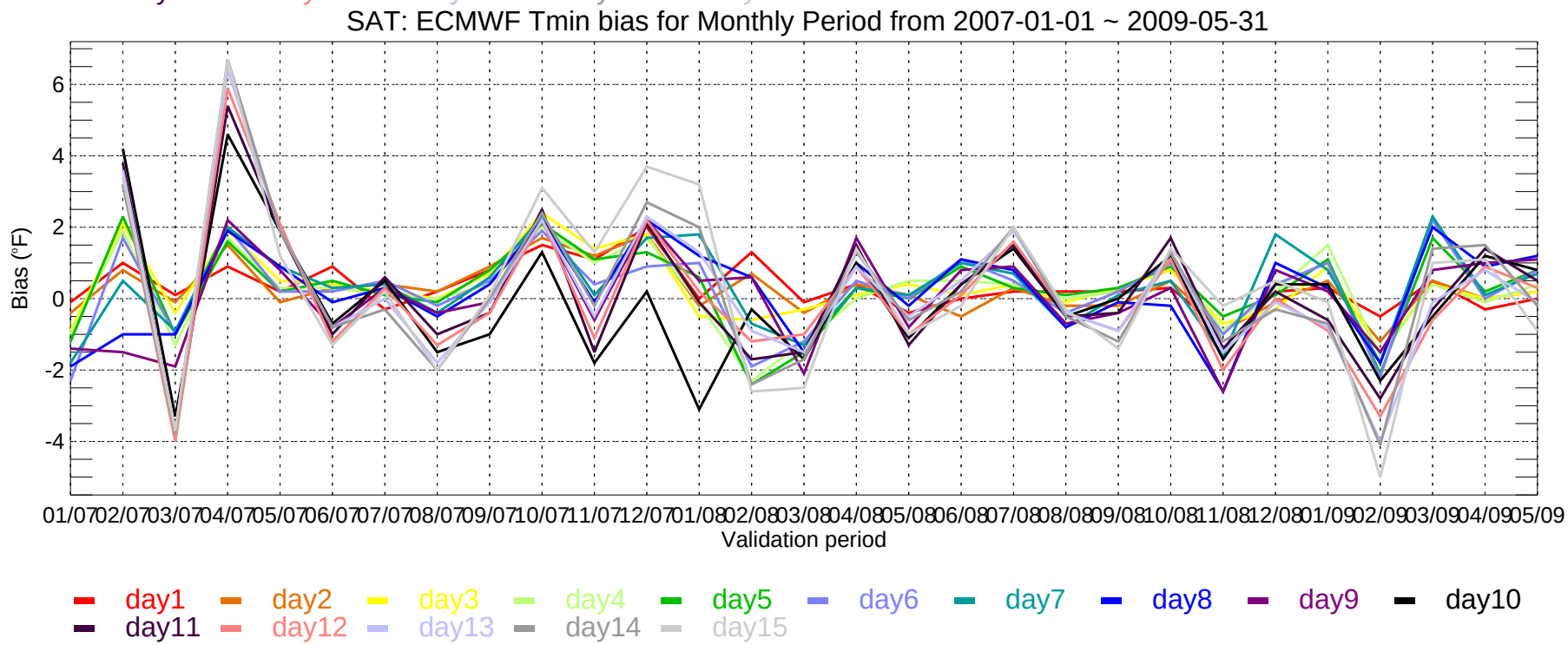

SAN: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

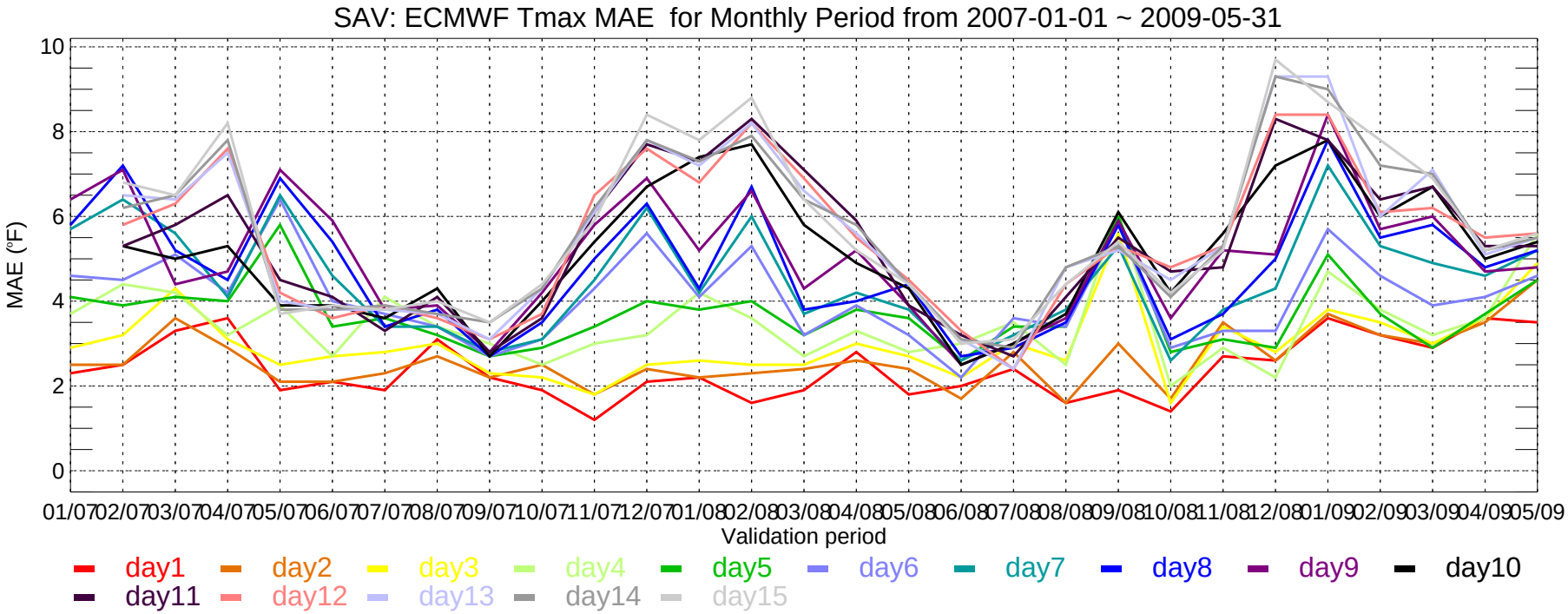

SAN: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

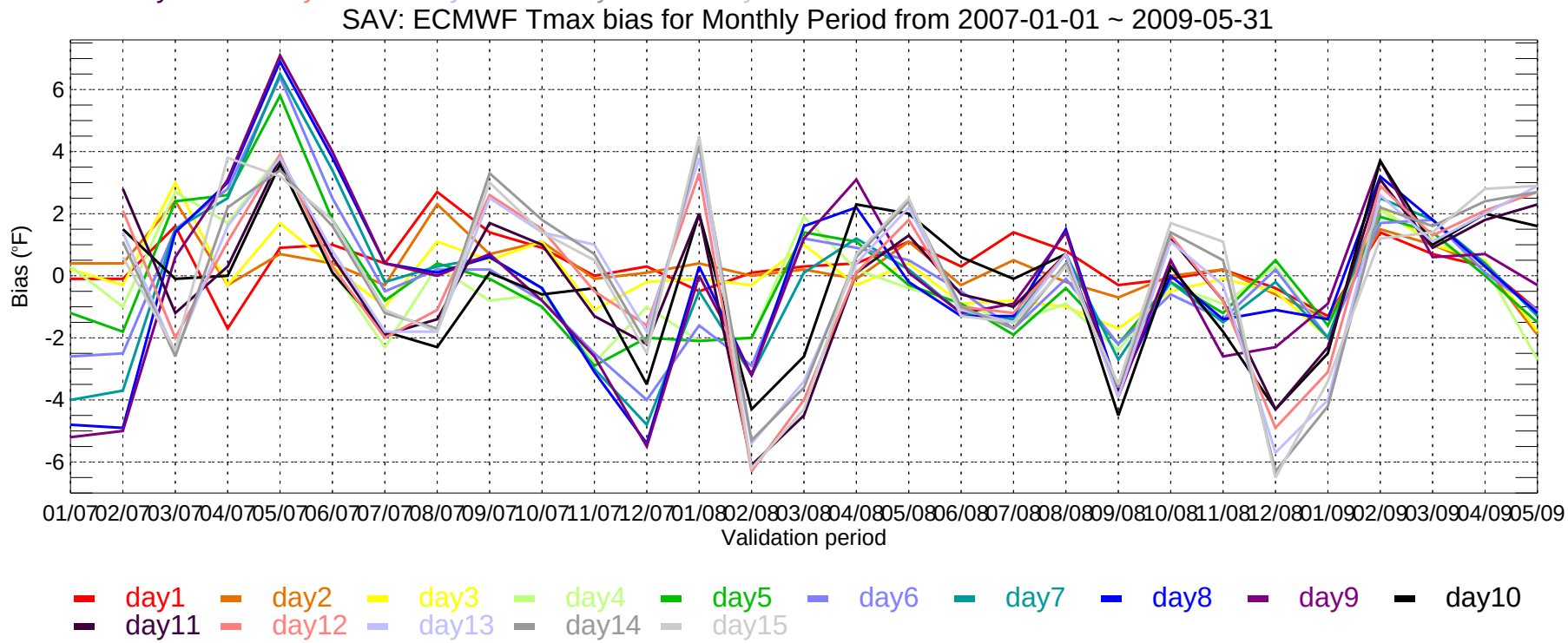

SAT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

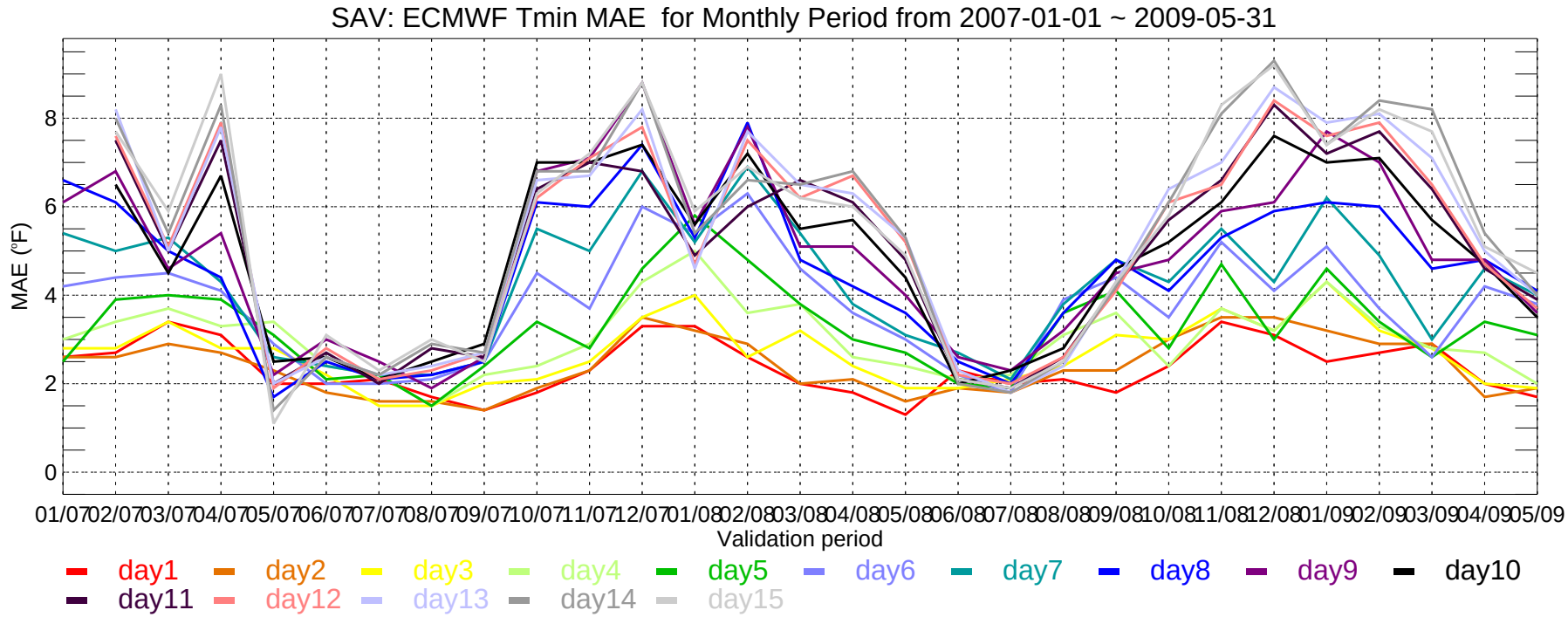

SAT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

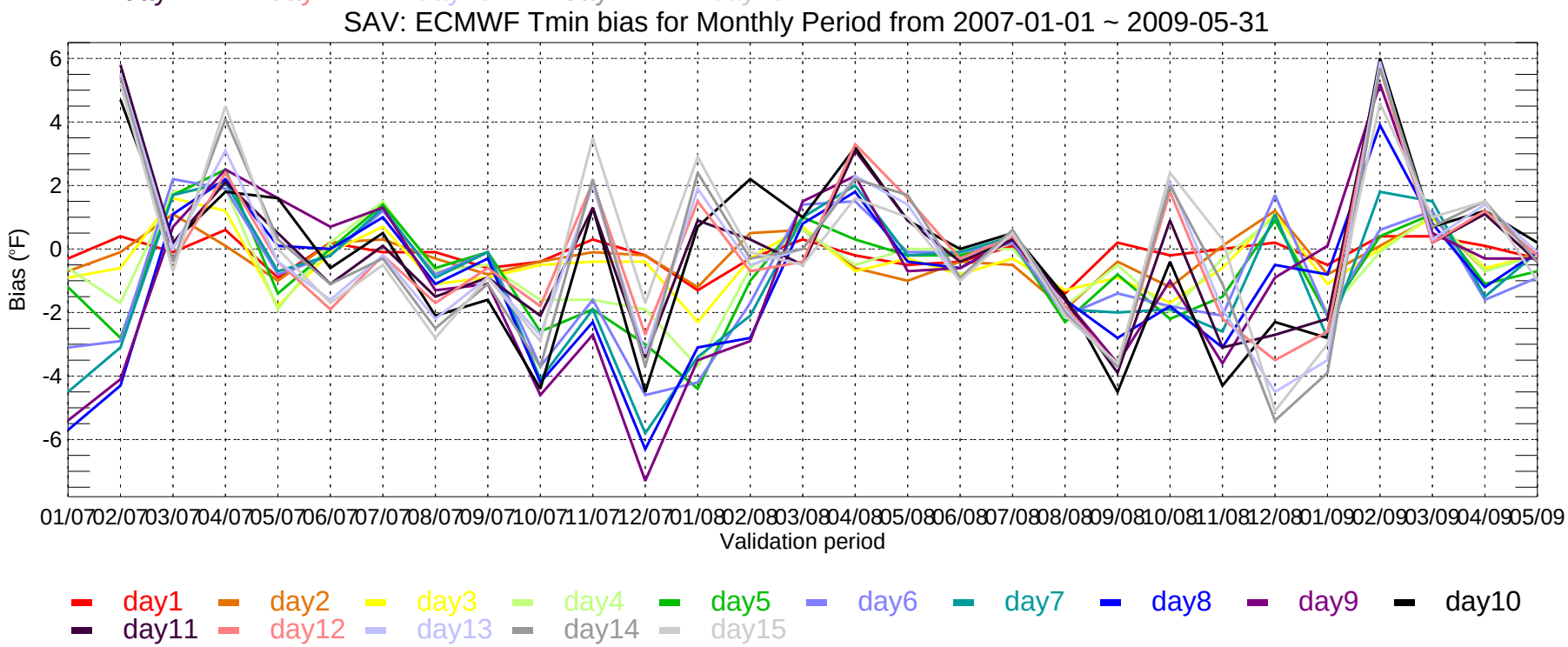

SAT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

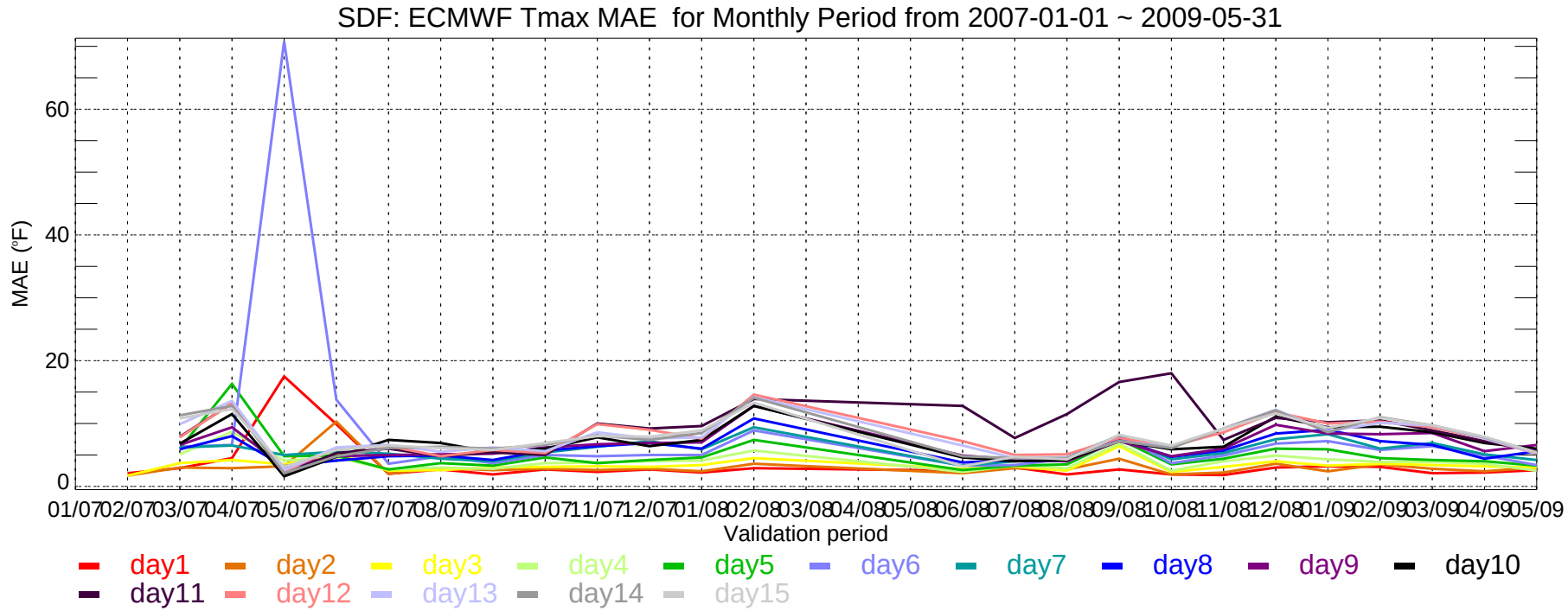

SAT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

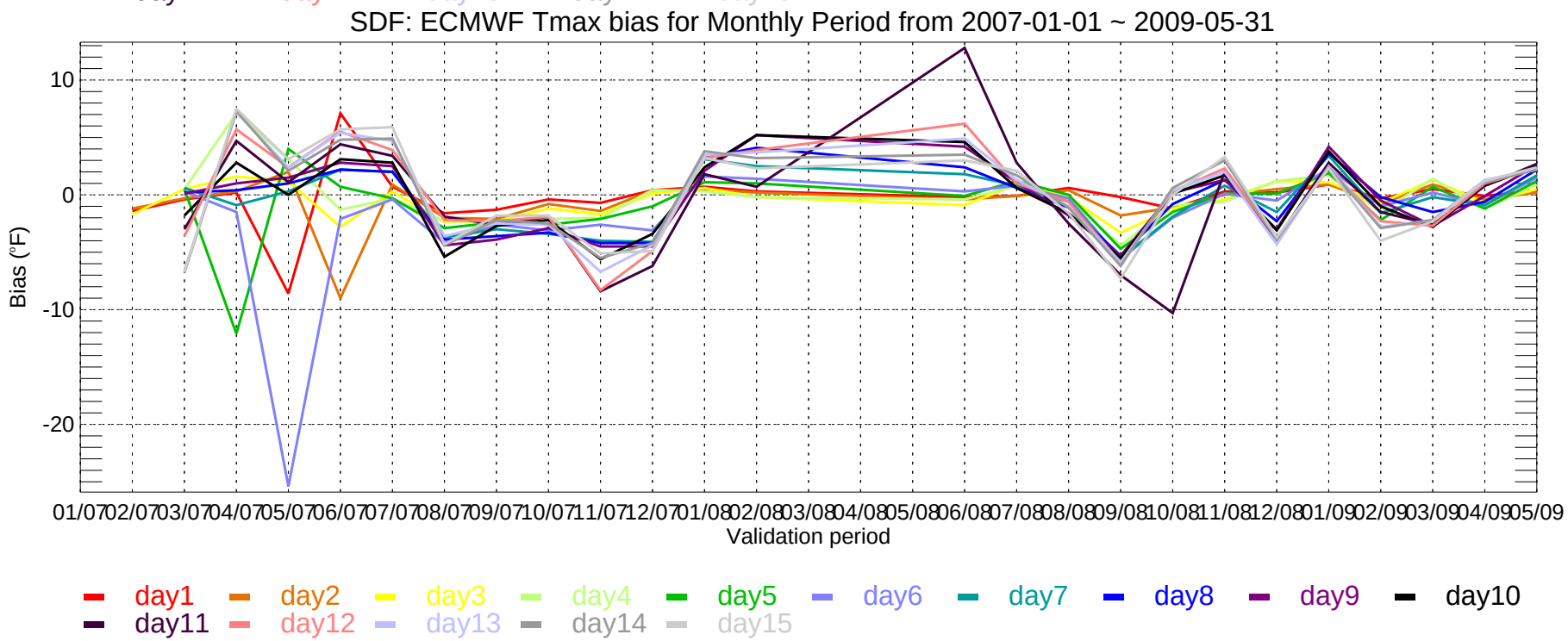

SAV: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

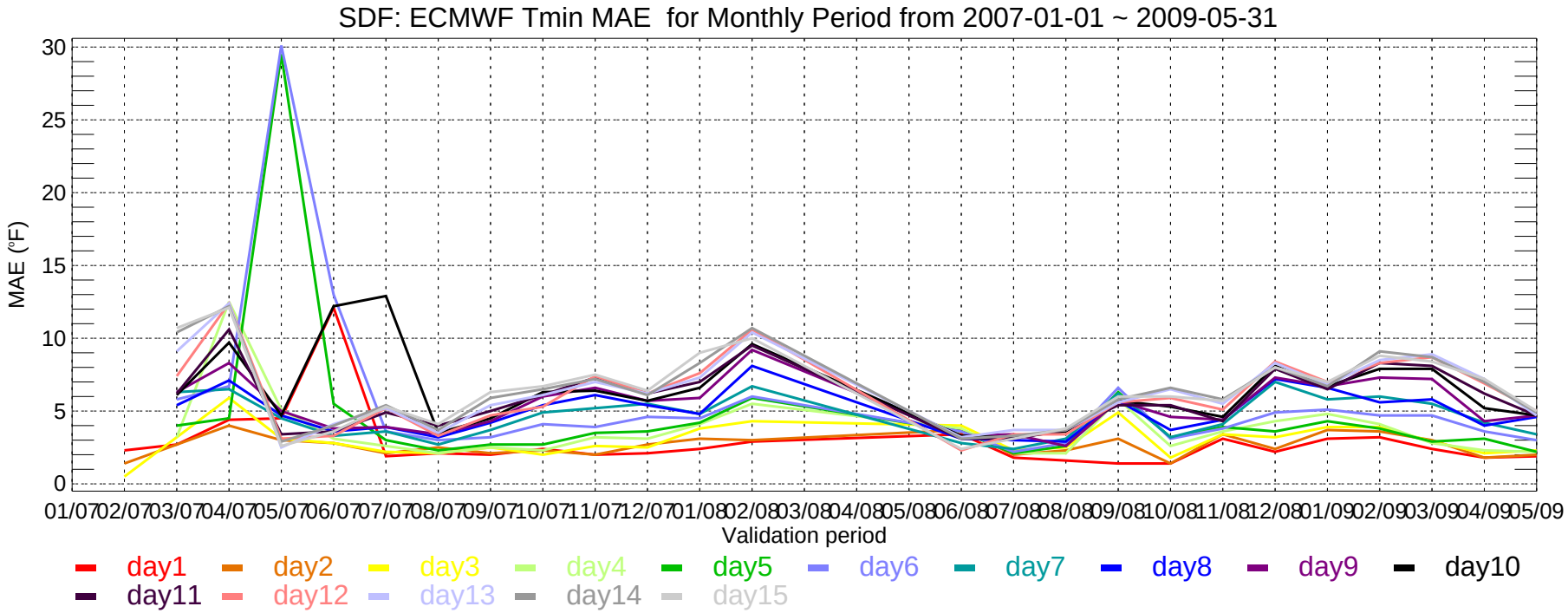

SAV: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

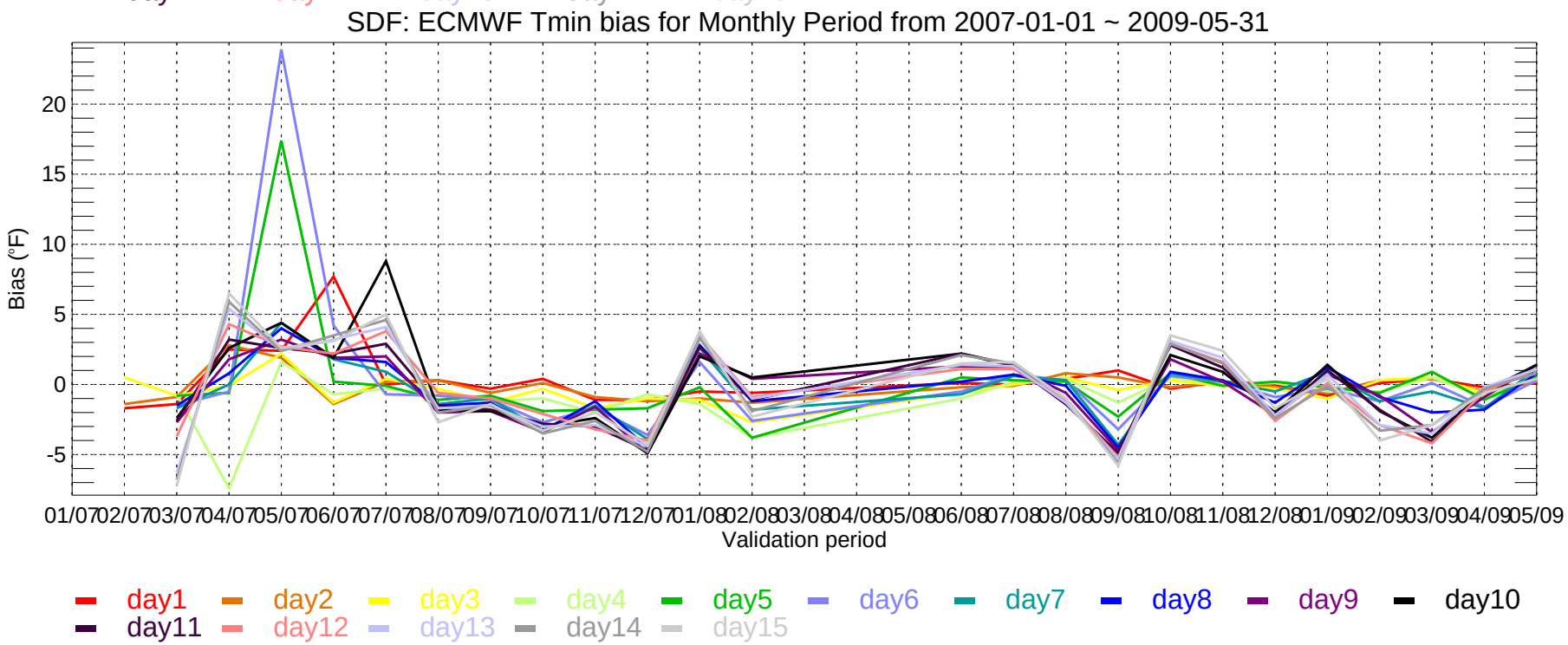

SAV: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

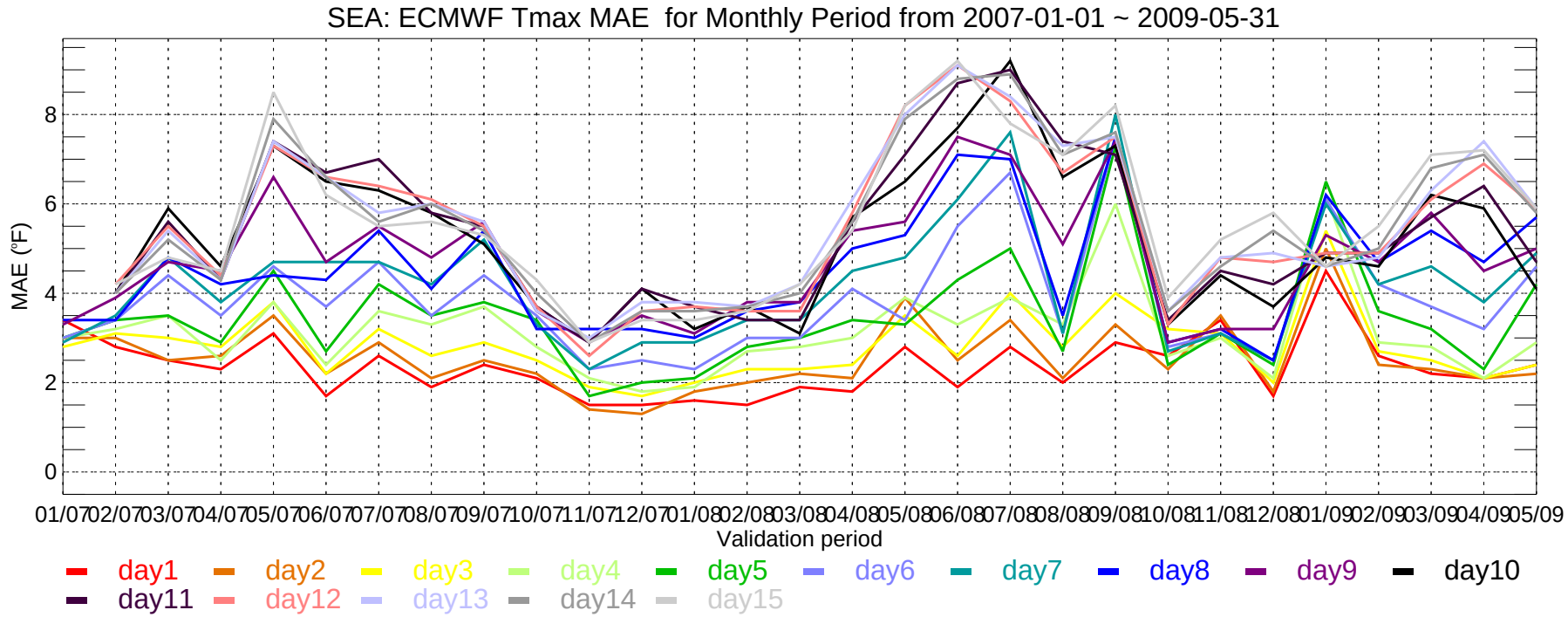

SAV: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

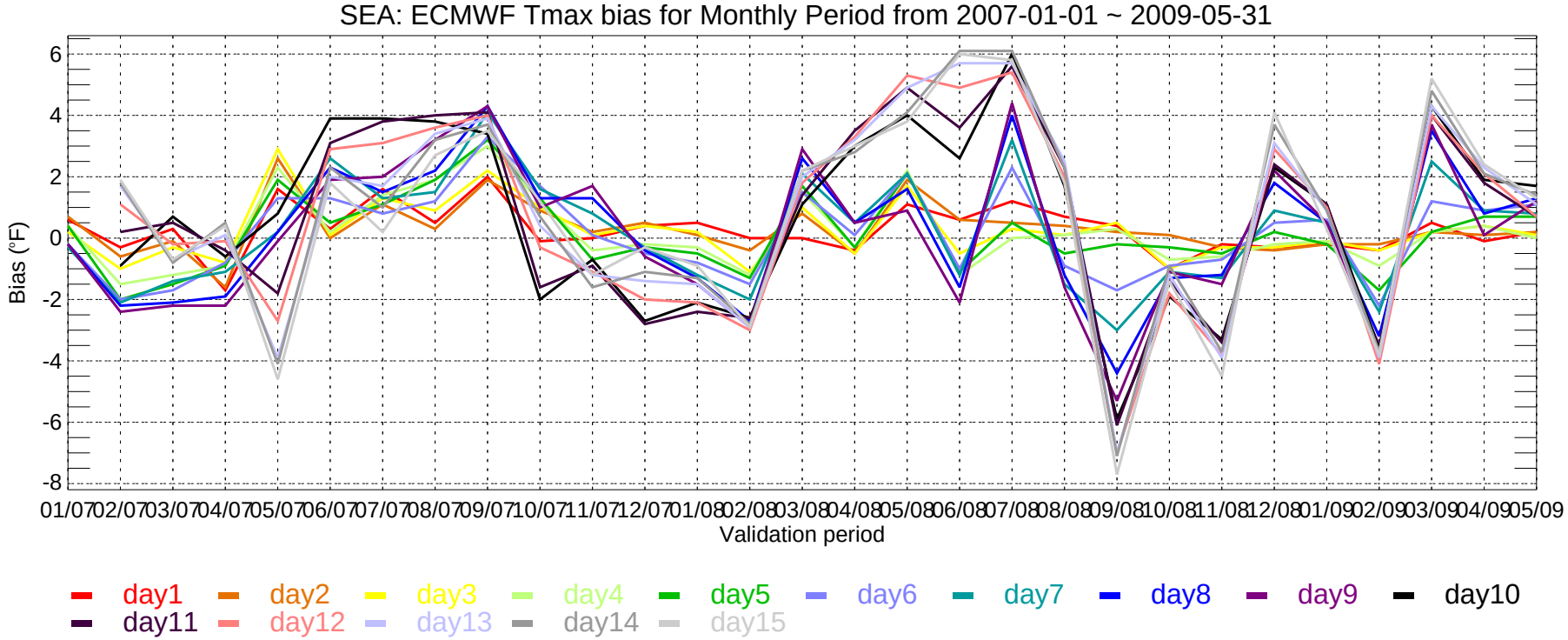

SDF: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
20
40
60
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

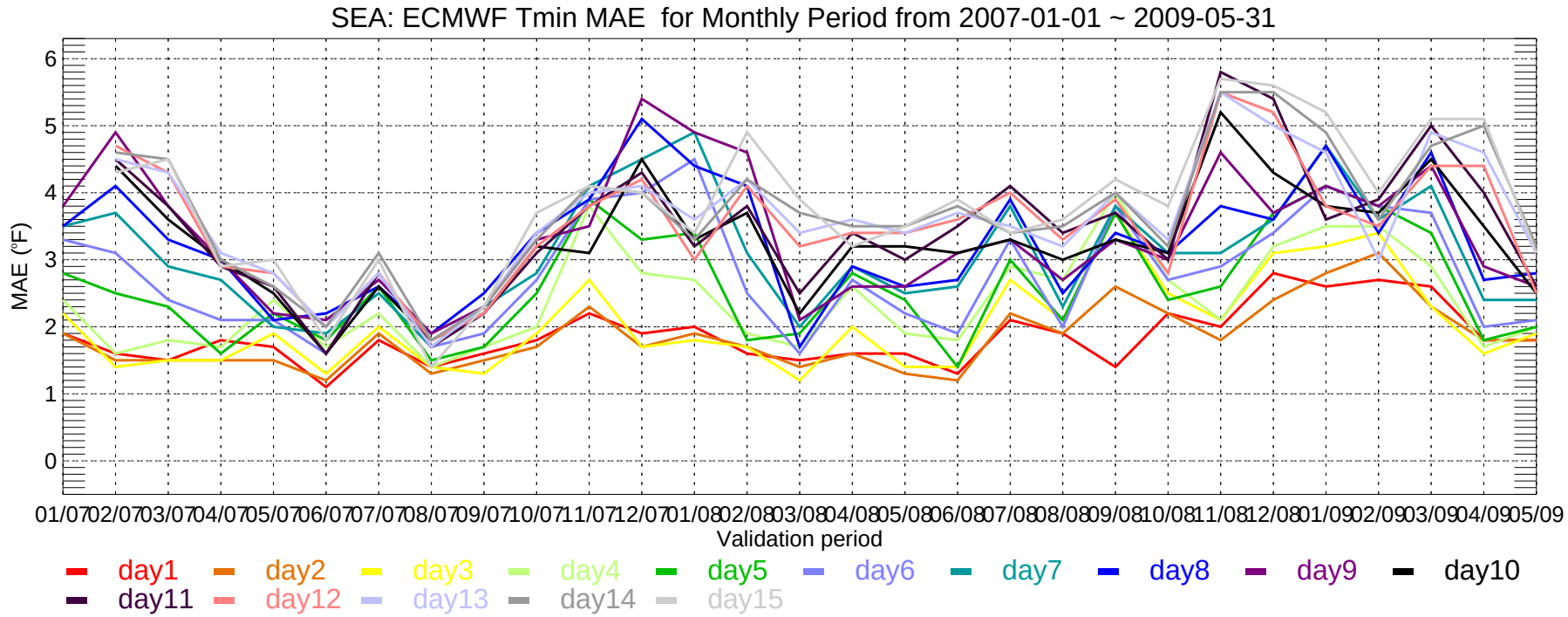

SDF: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
0
-10
-20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

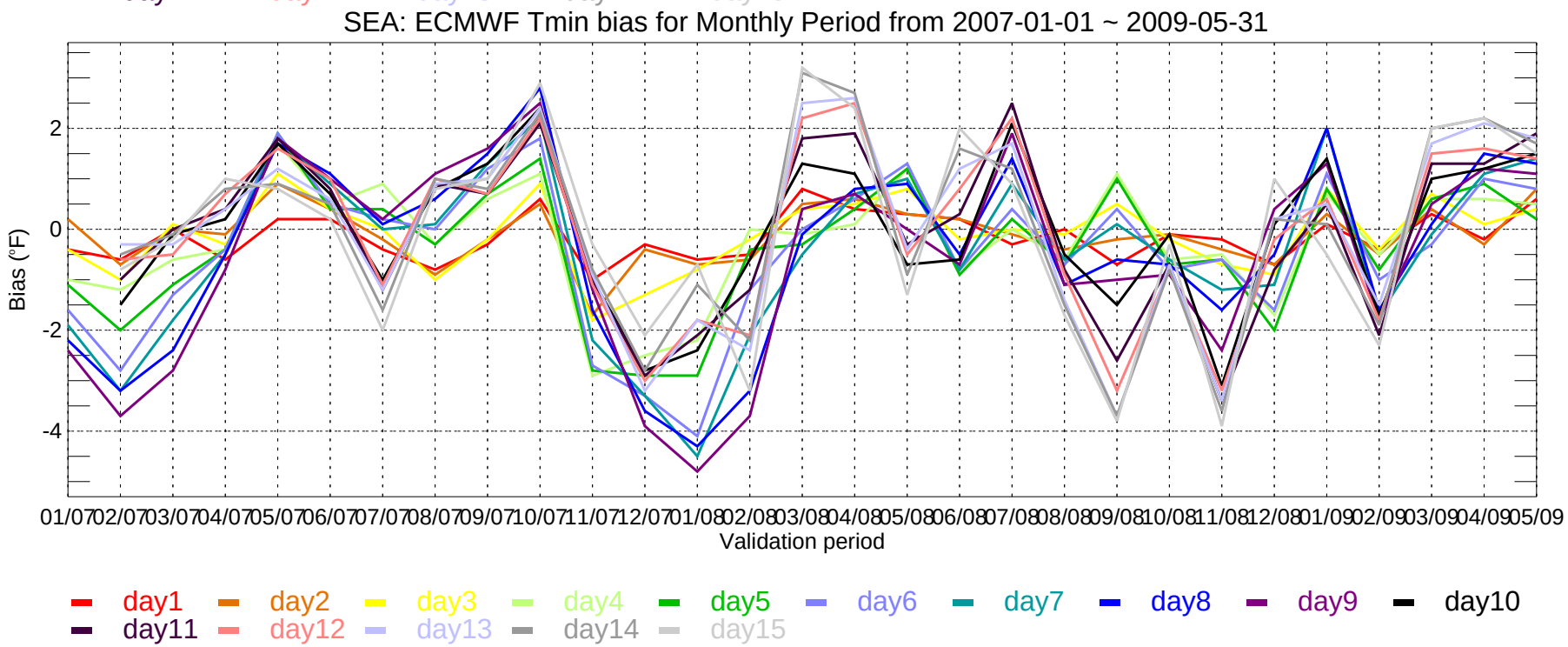

SDF: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
30
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

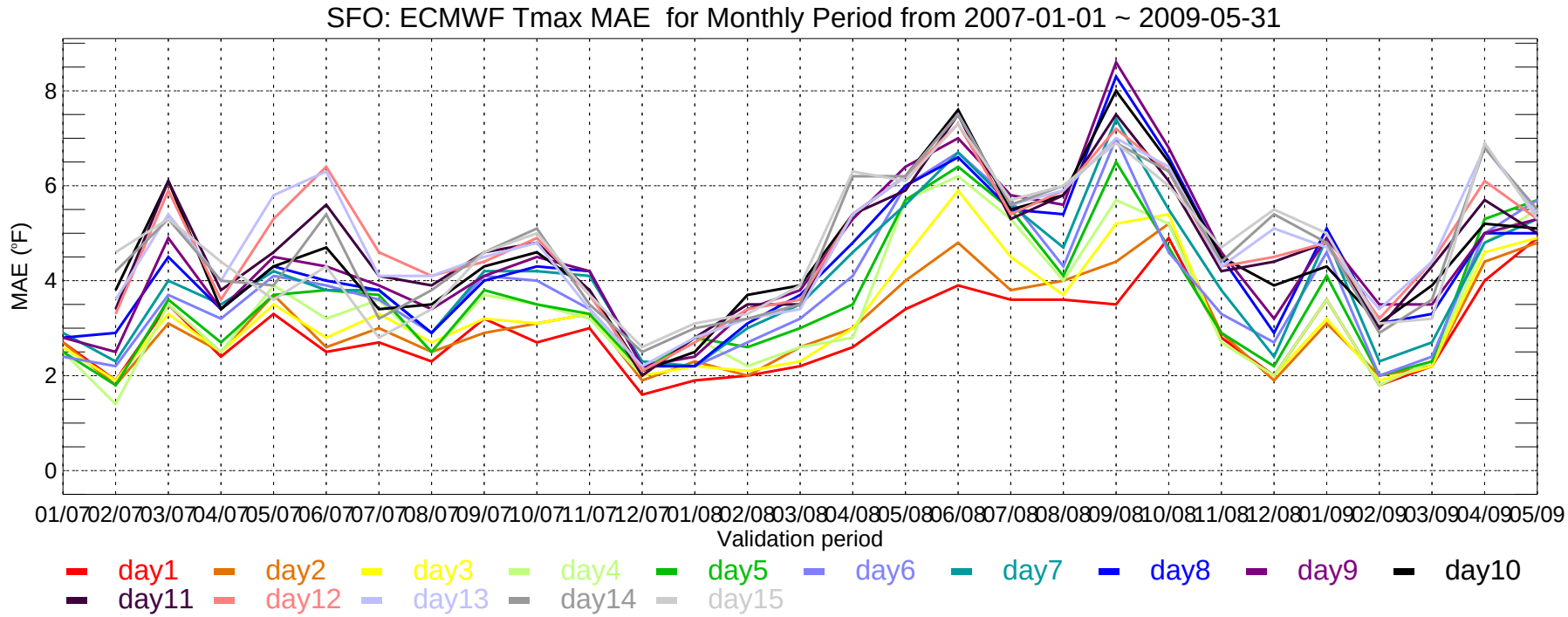

SDF: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
20
15
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

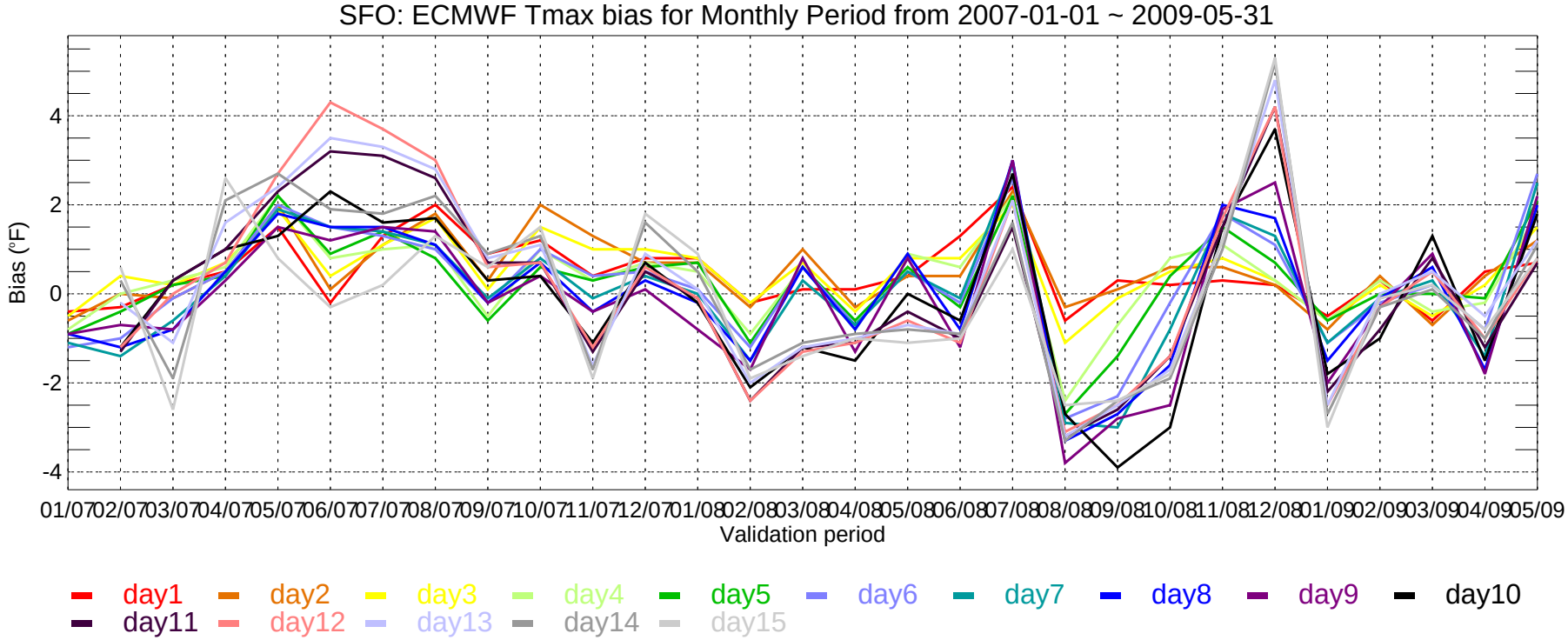

SEA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

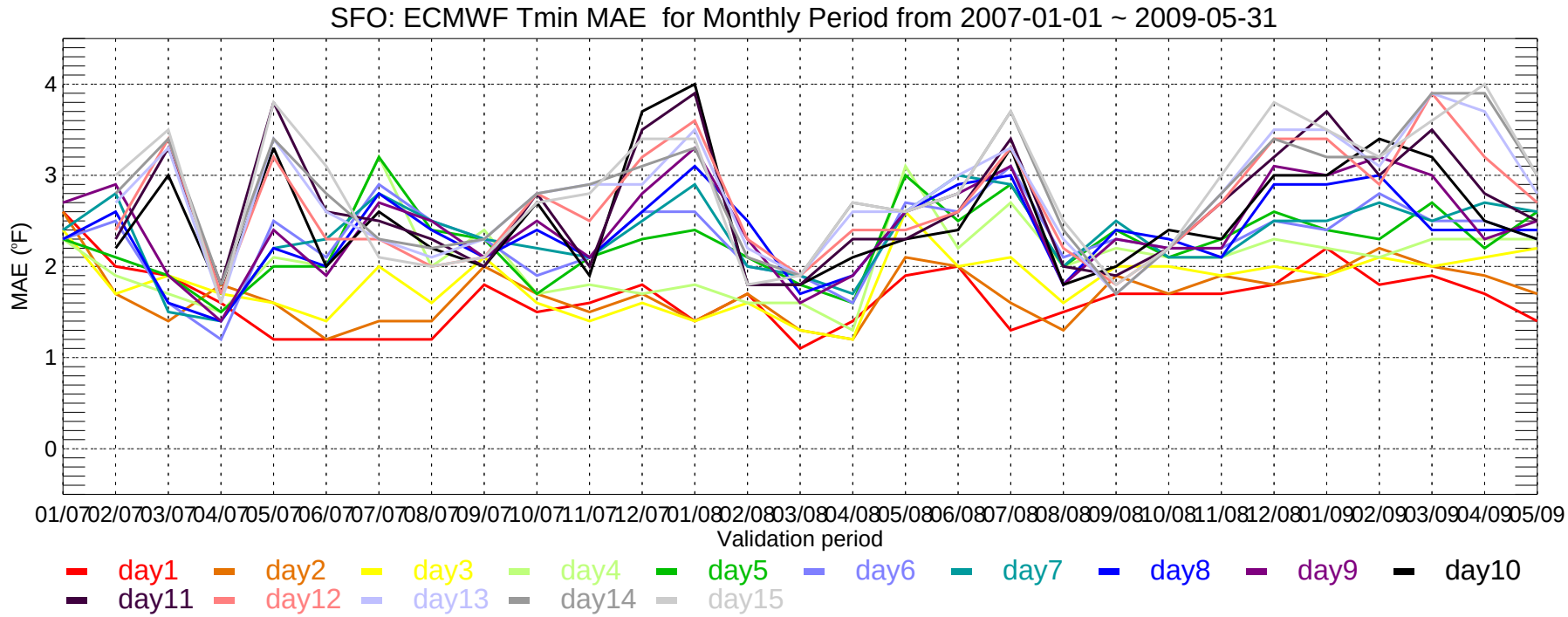

SEA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

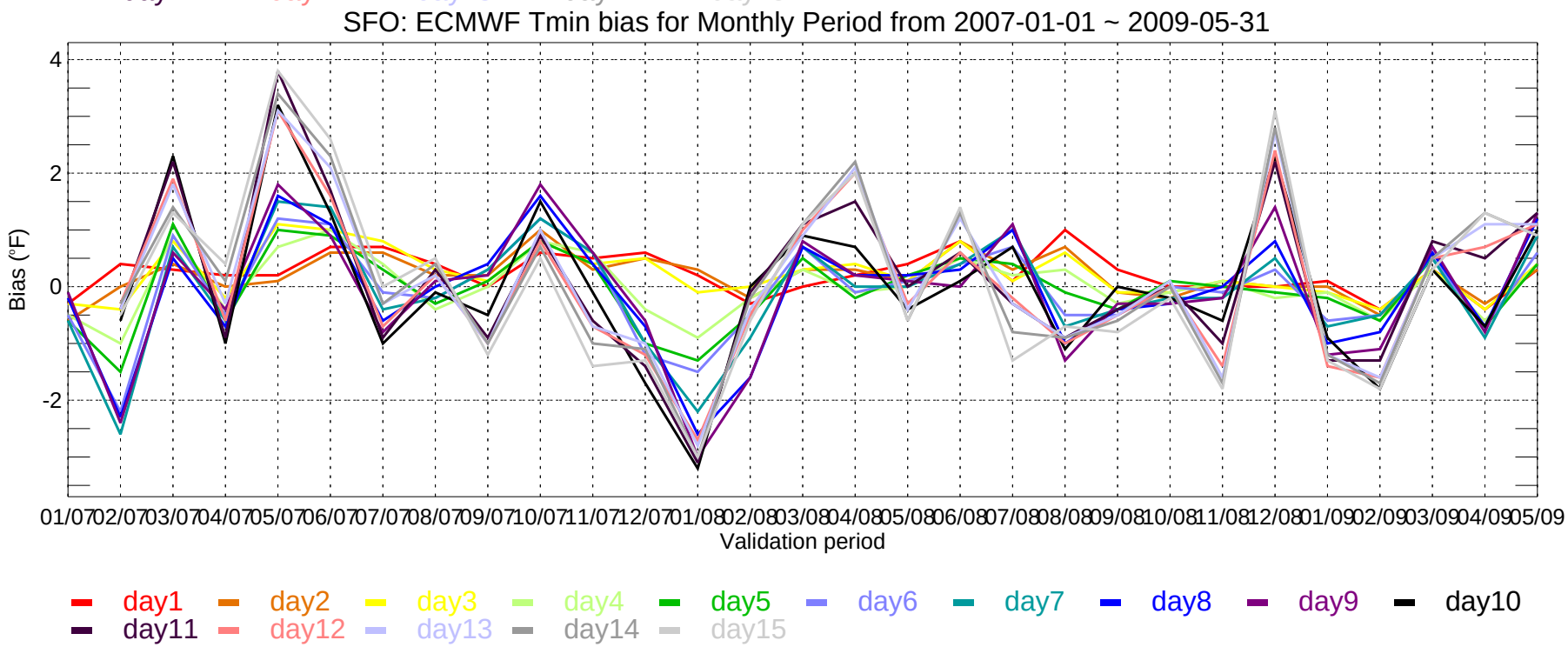

SEA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
1
2
3
4
5
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

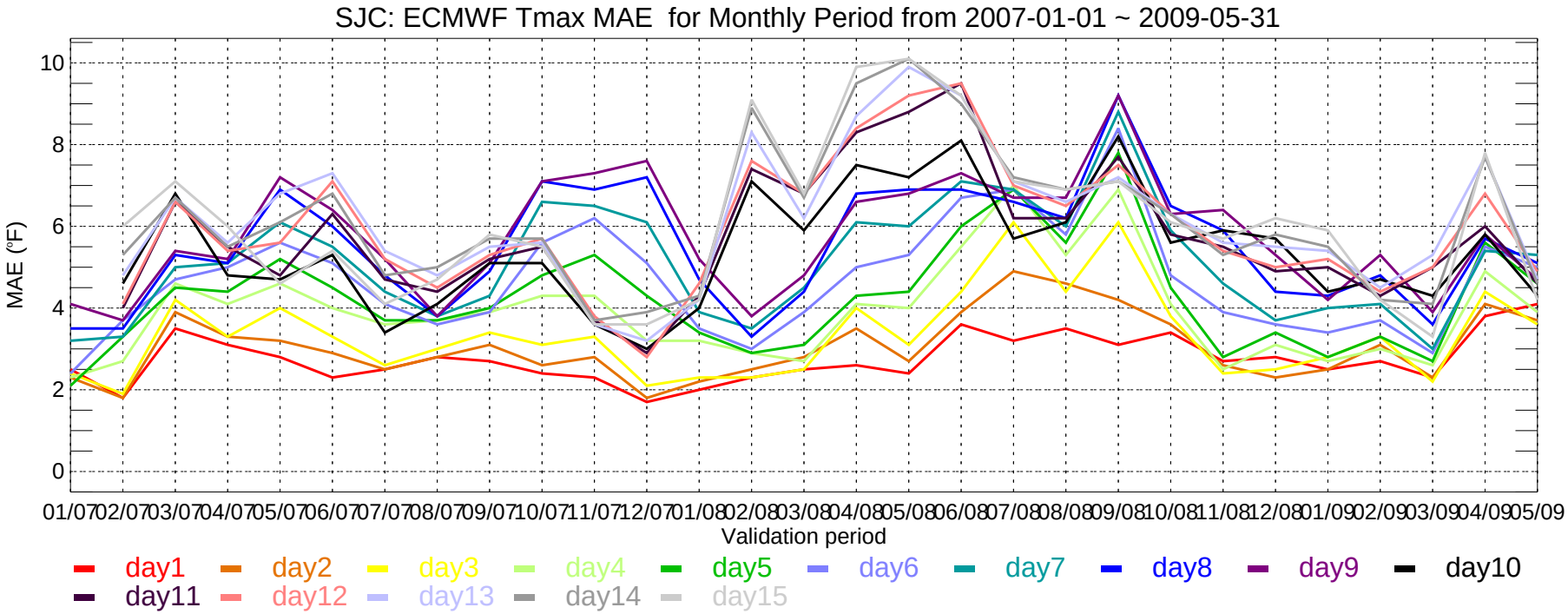

SEA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

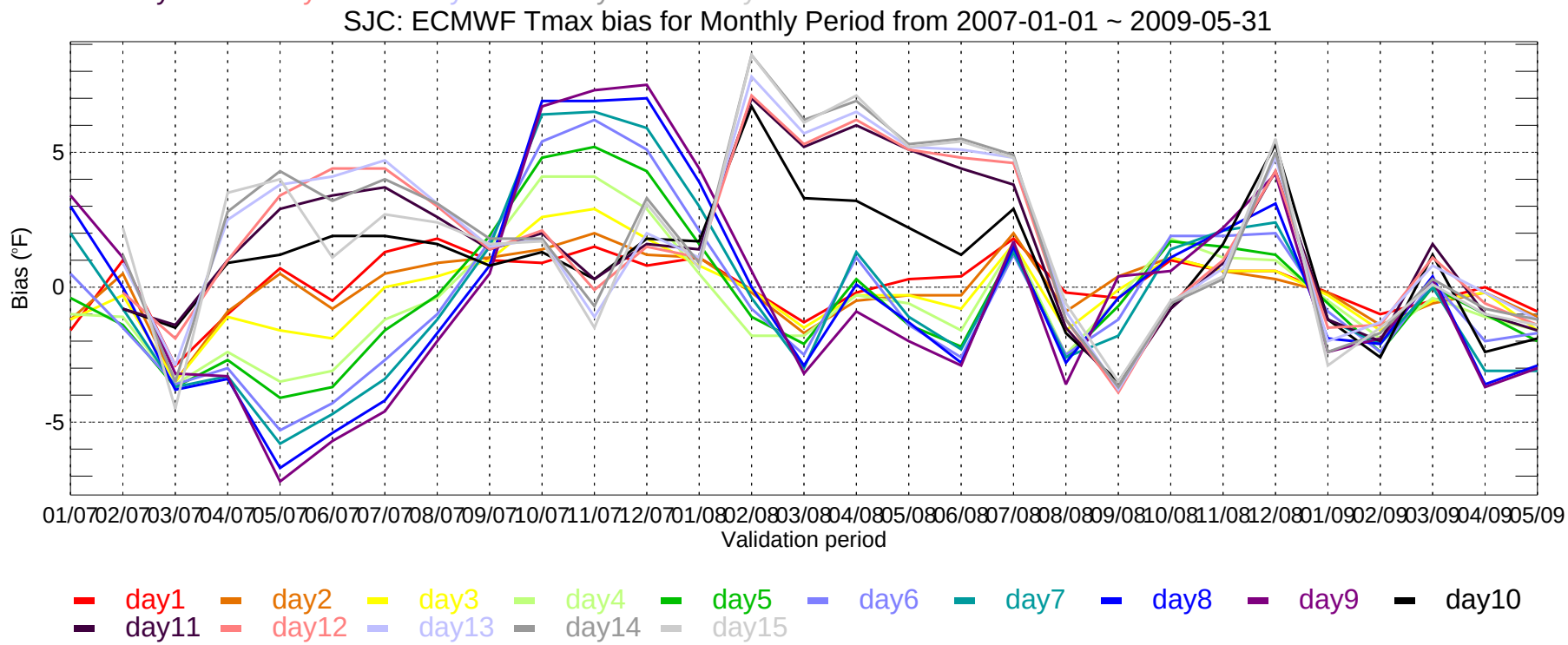

SFO: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

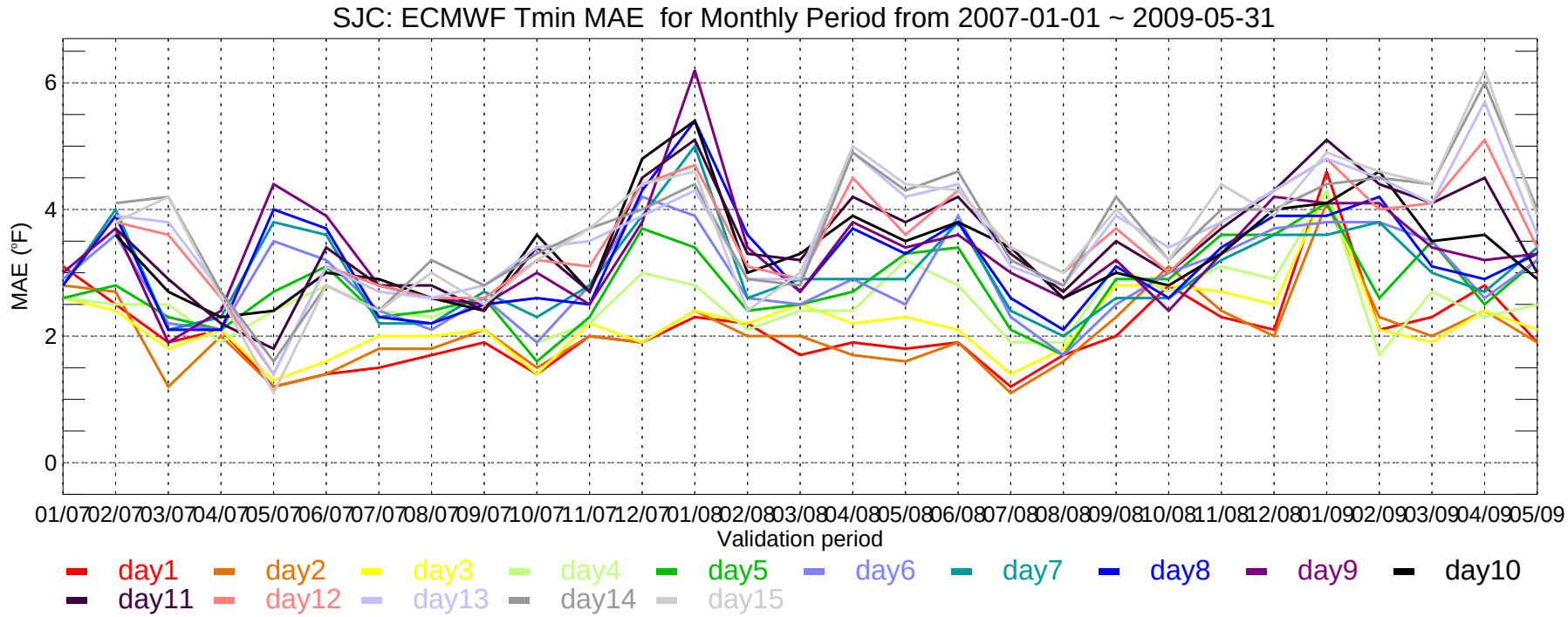

SFO: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

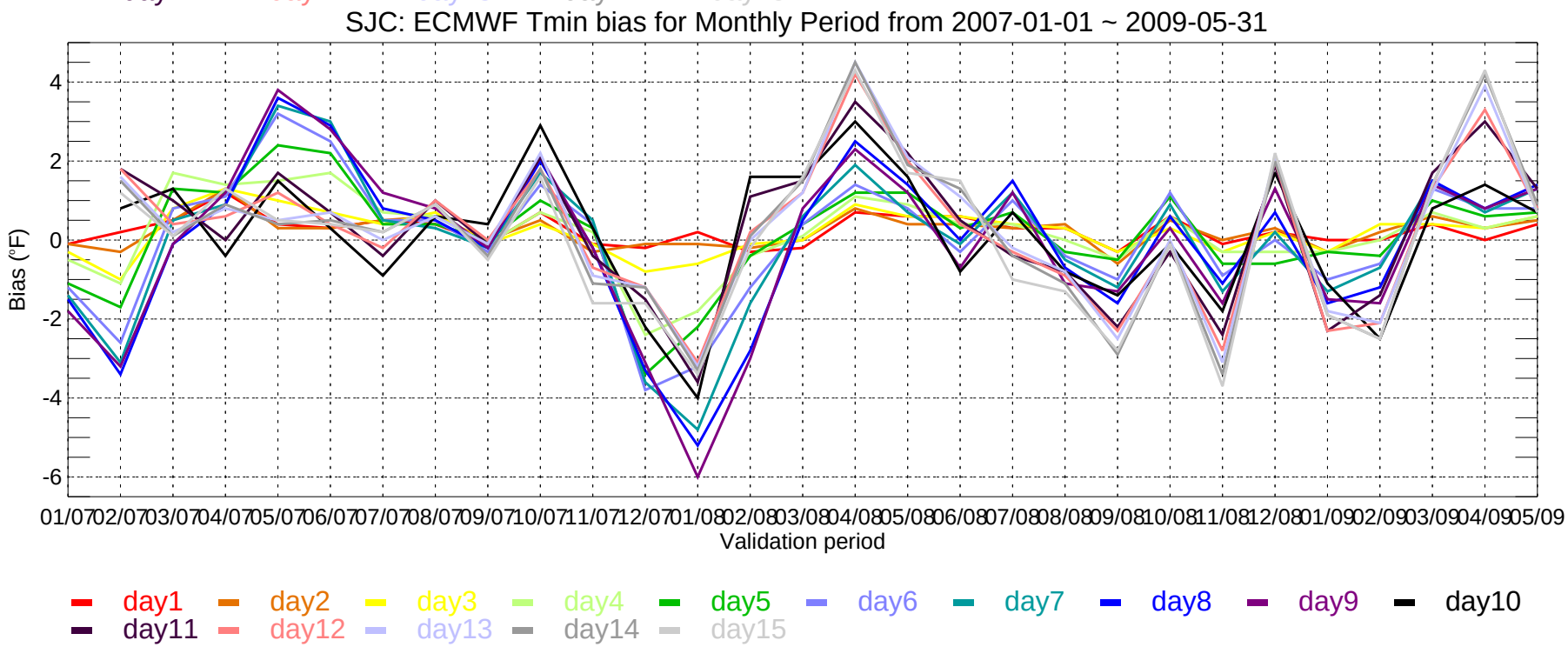

SFO: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
4
3
2
1
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

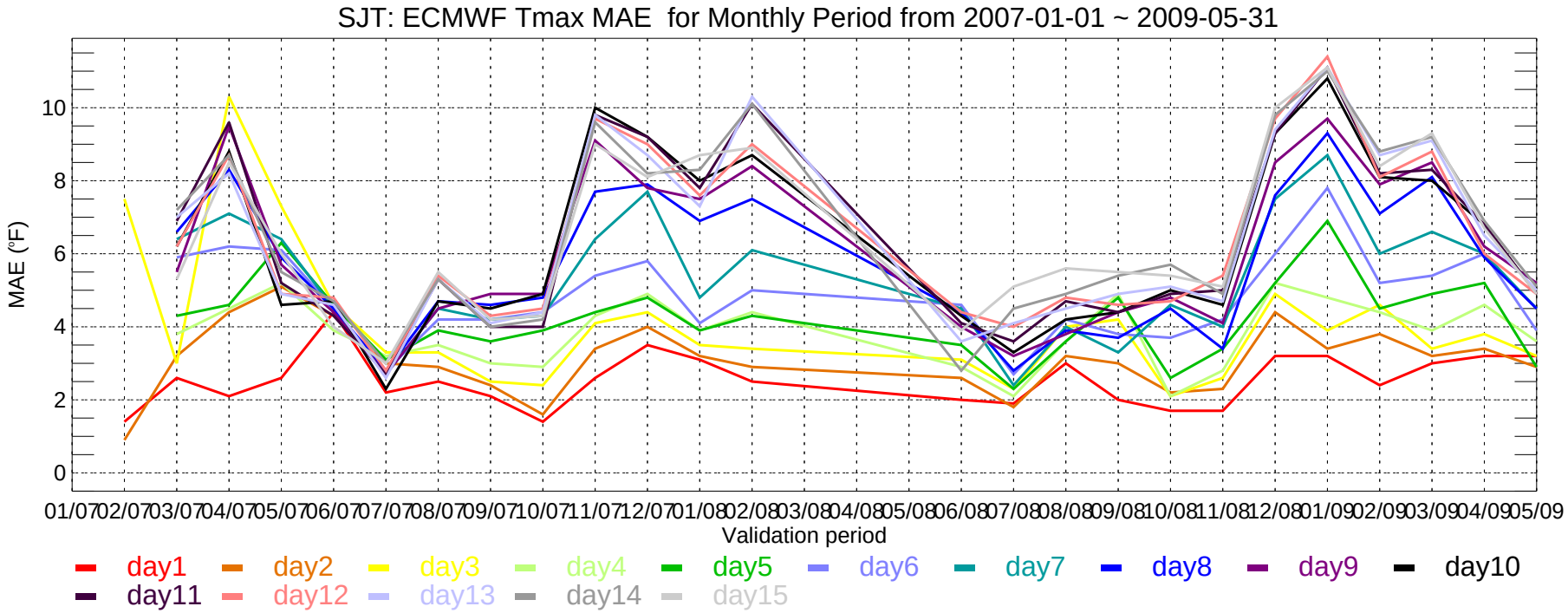

SFO: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

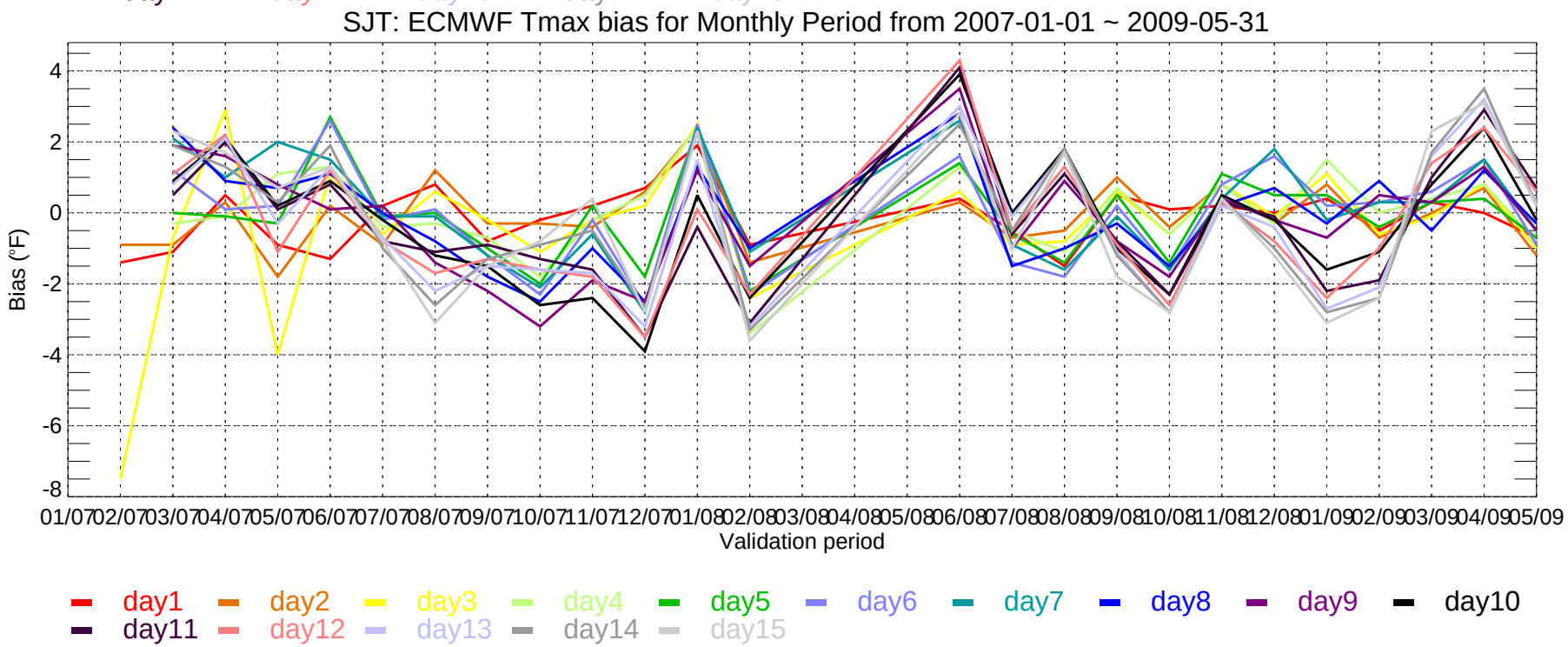

SJC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

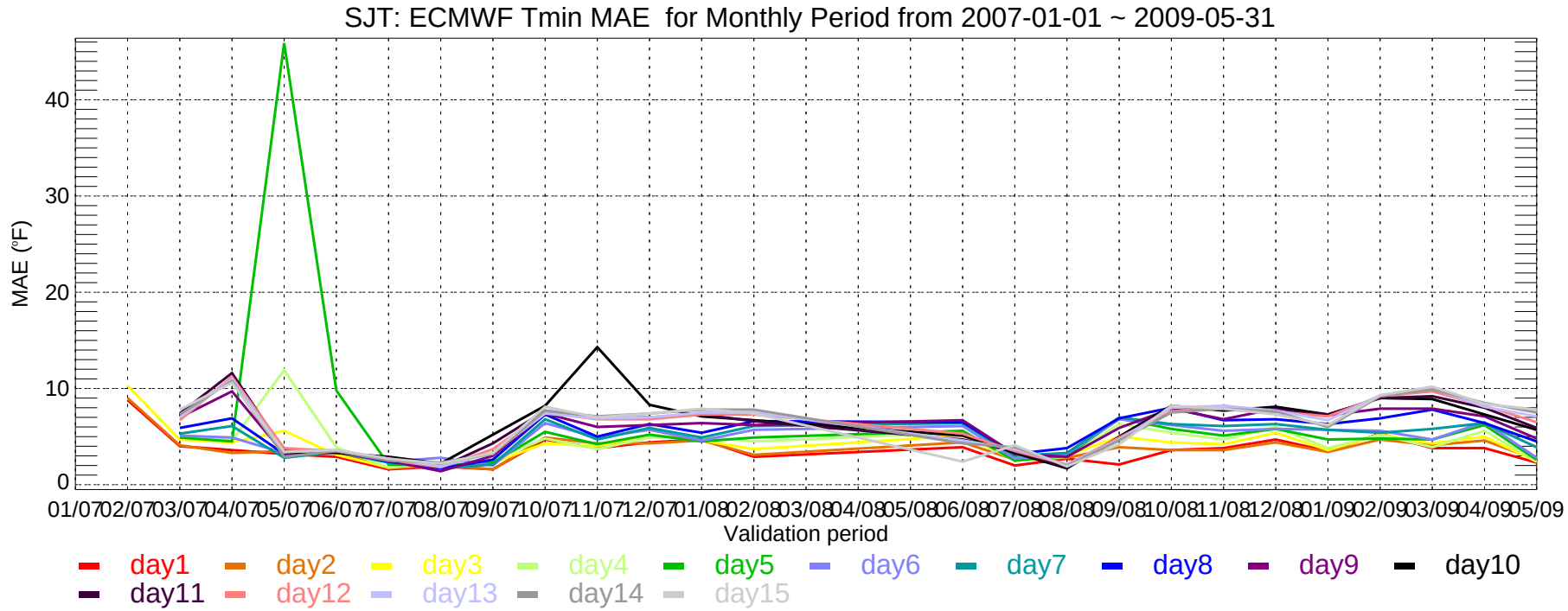

SJC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

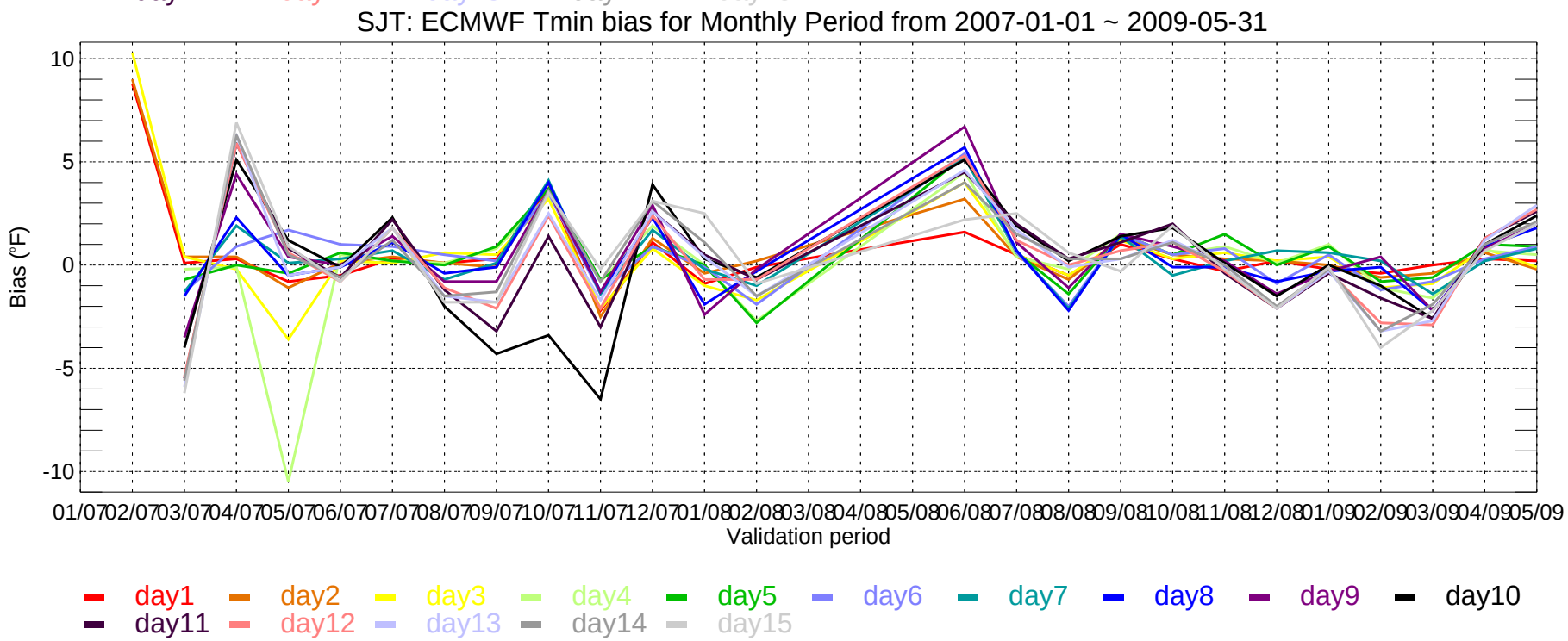

SJC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

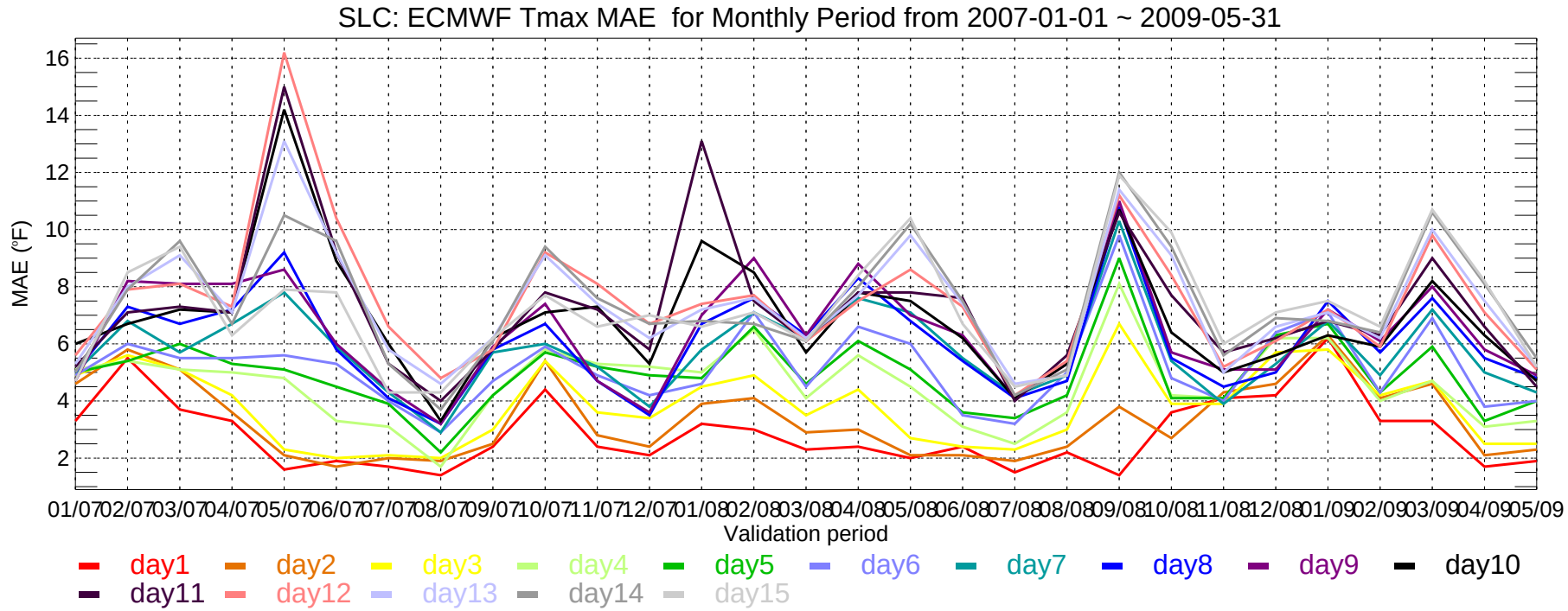

SJC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

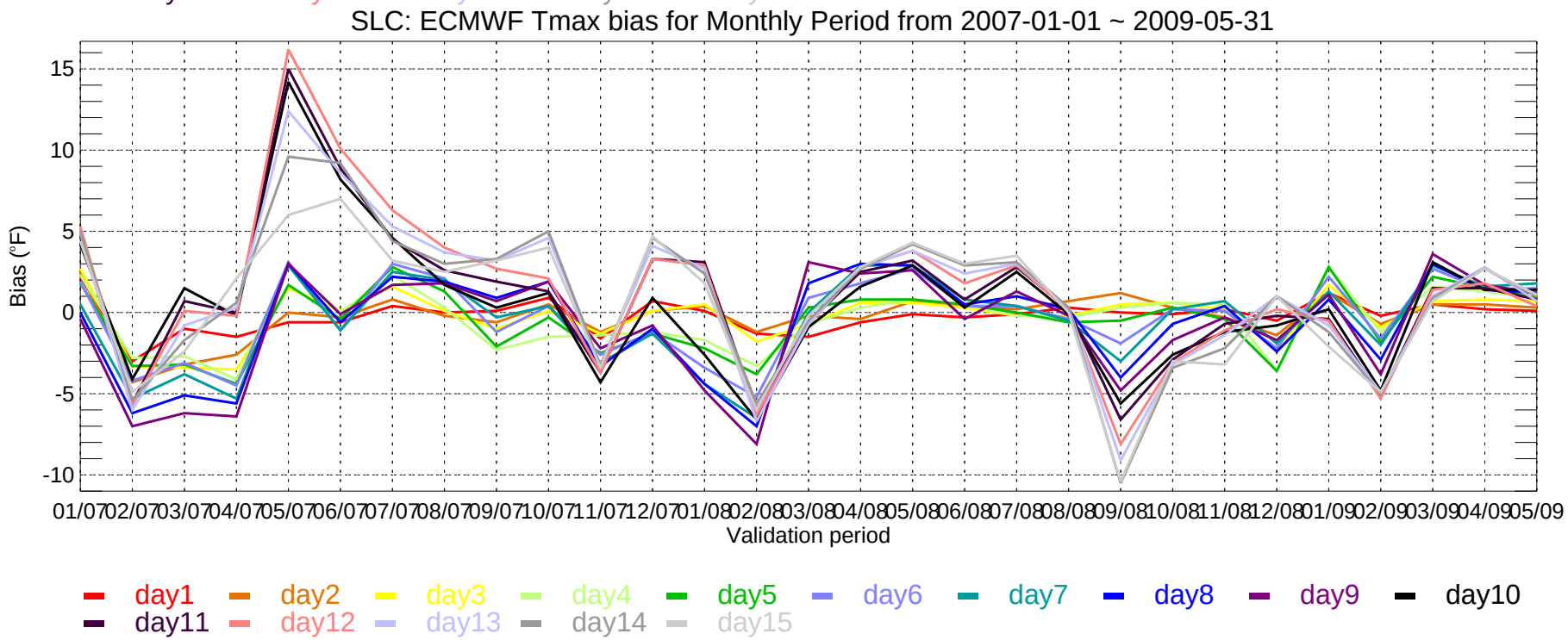

SJT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

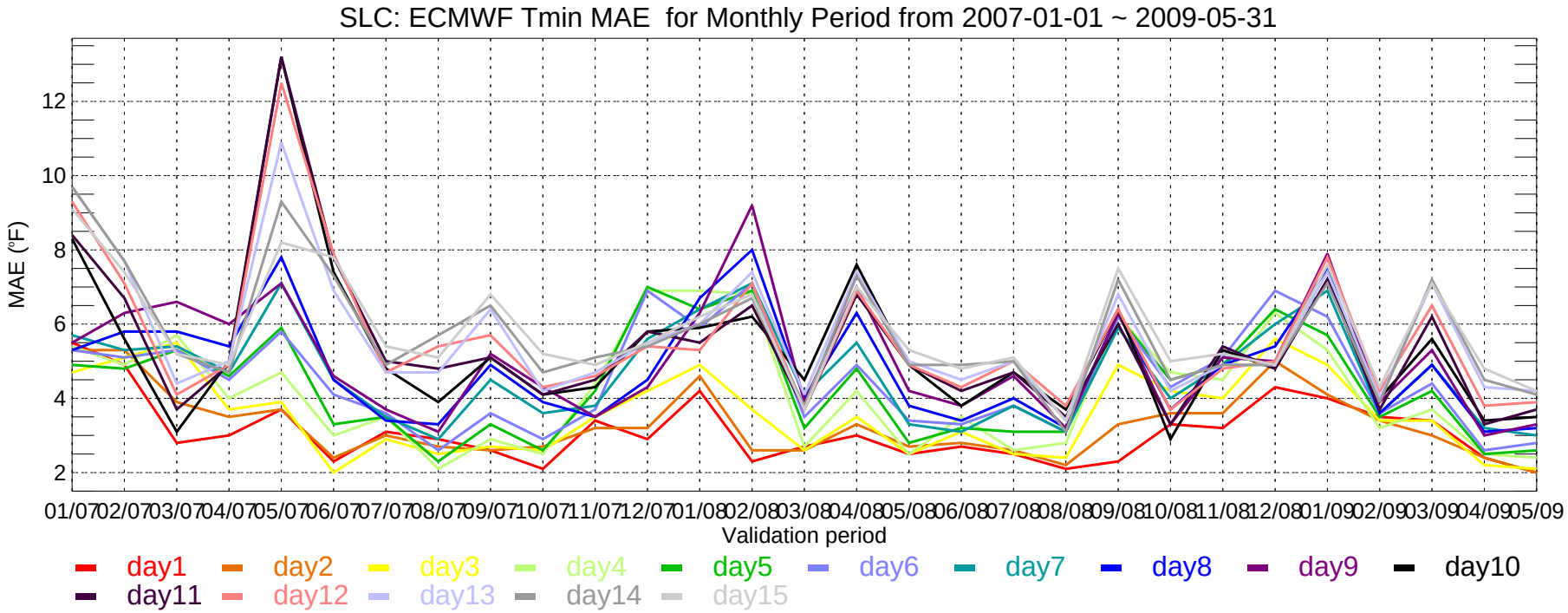

SJT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

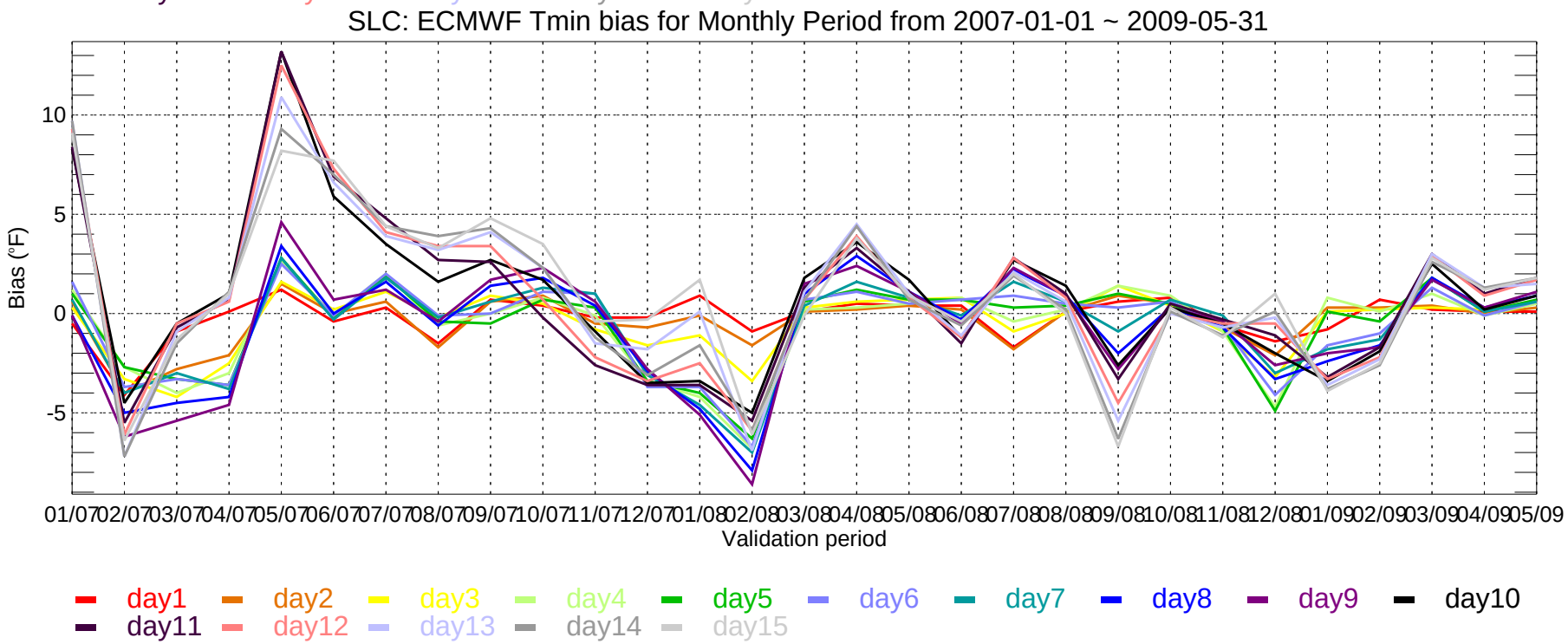

SJT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
10
20
30
40
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

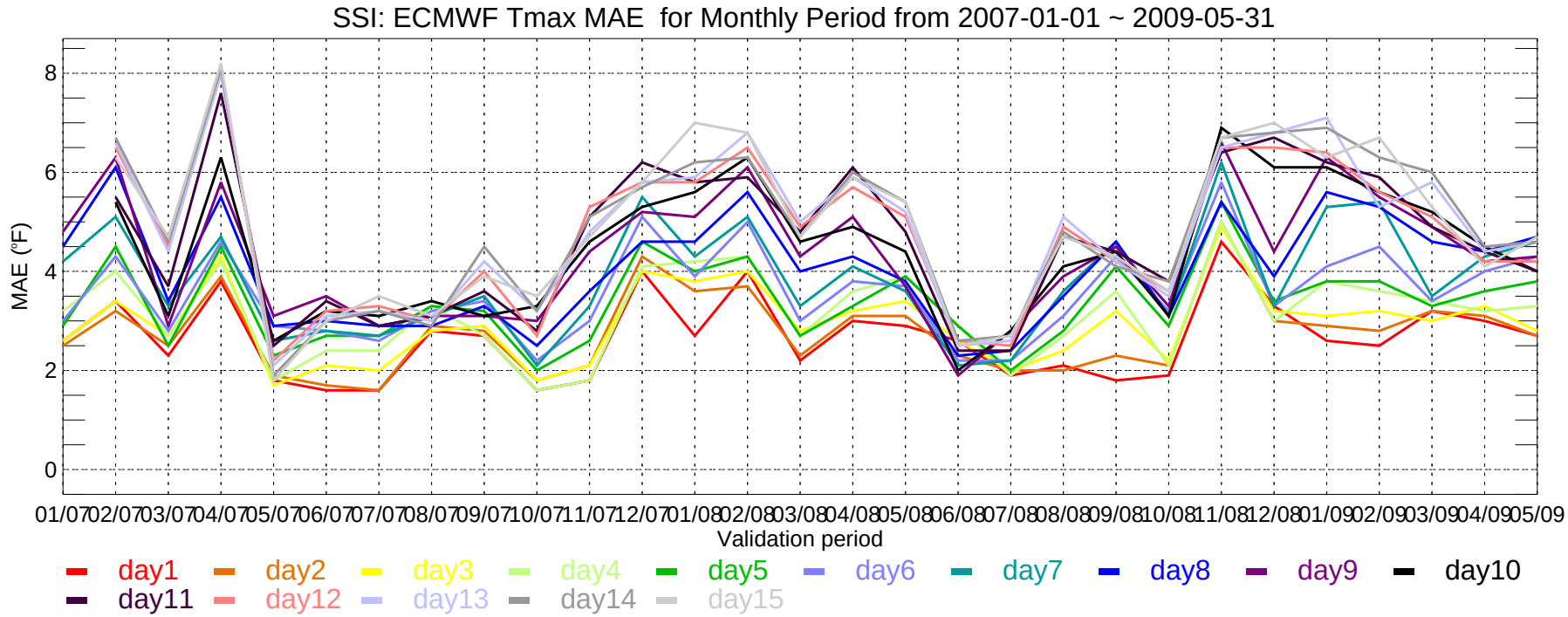

SJT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

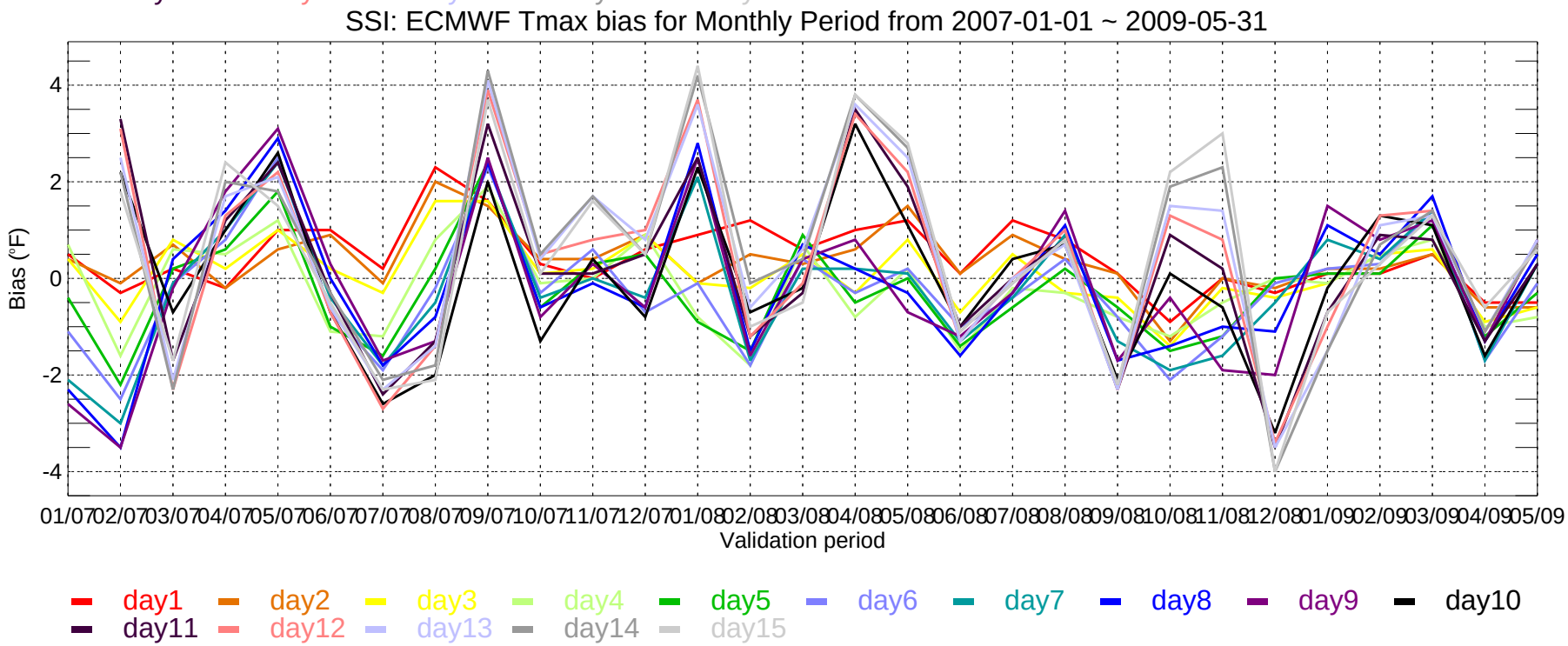

SLC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
16
14
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

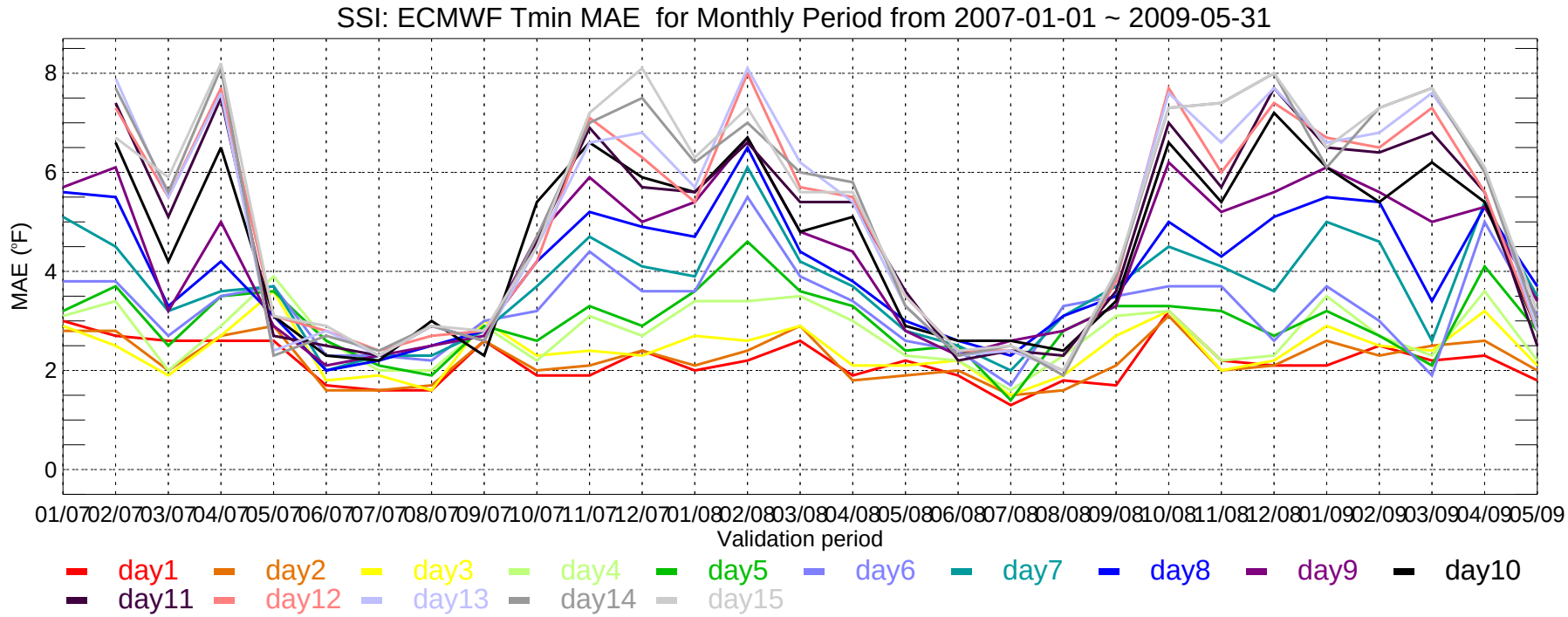

SLC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
15
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

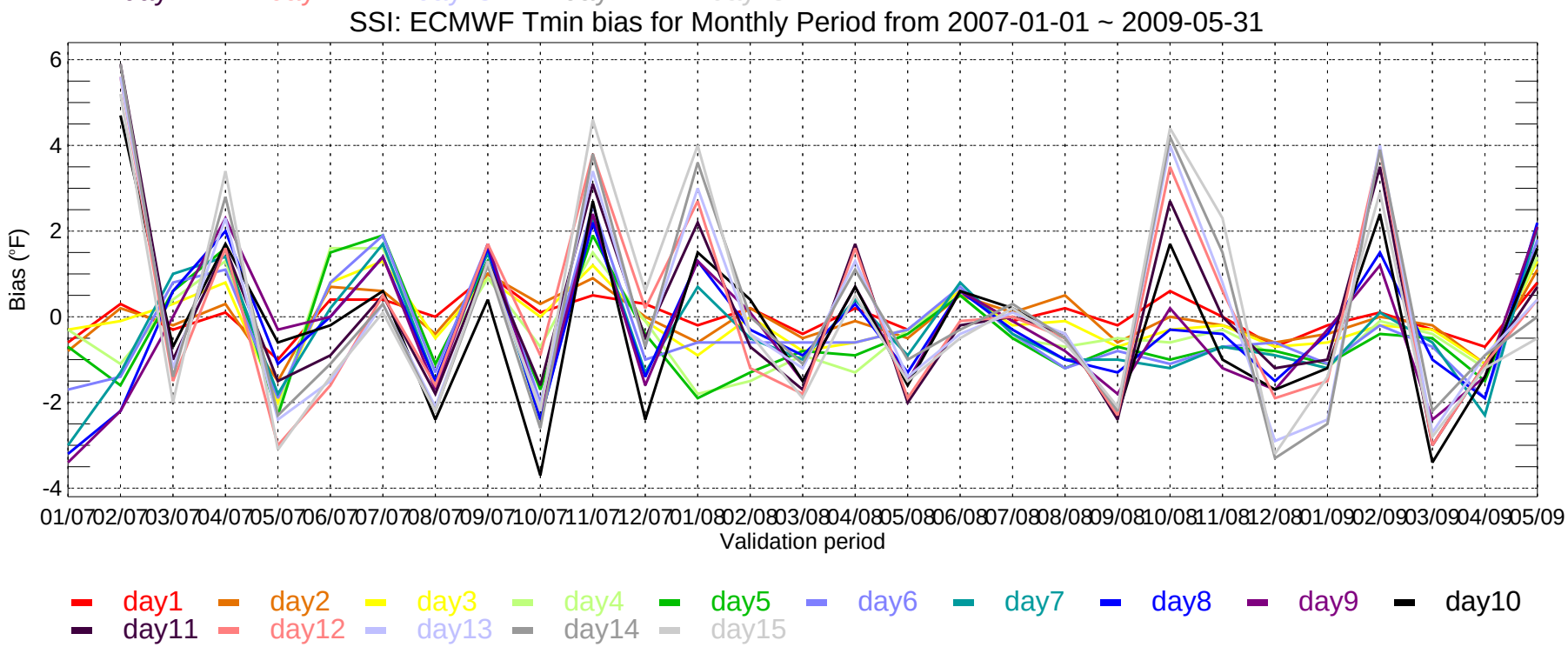

SLC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

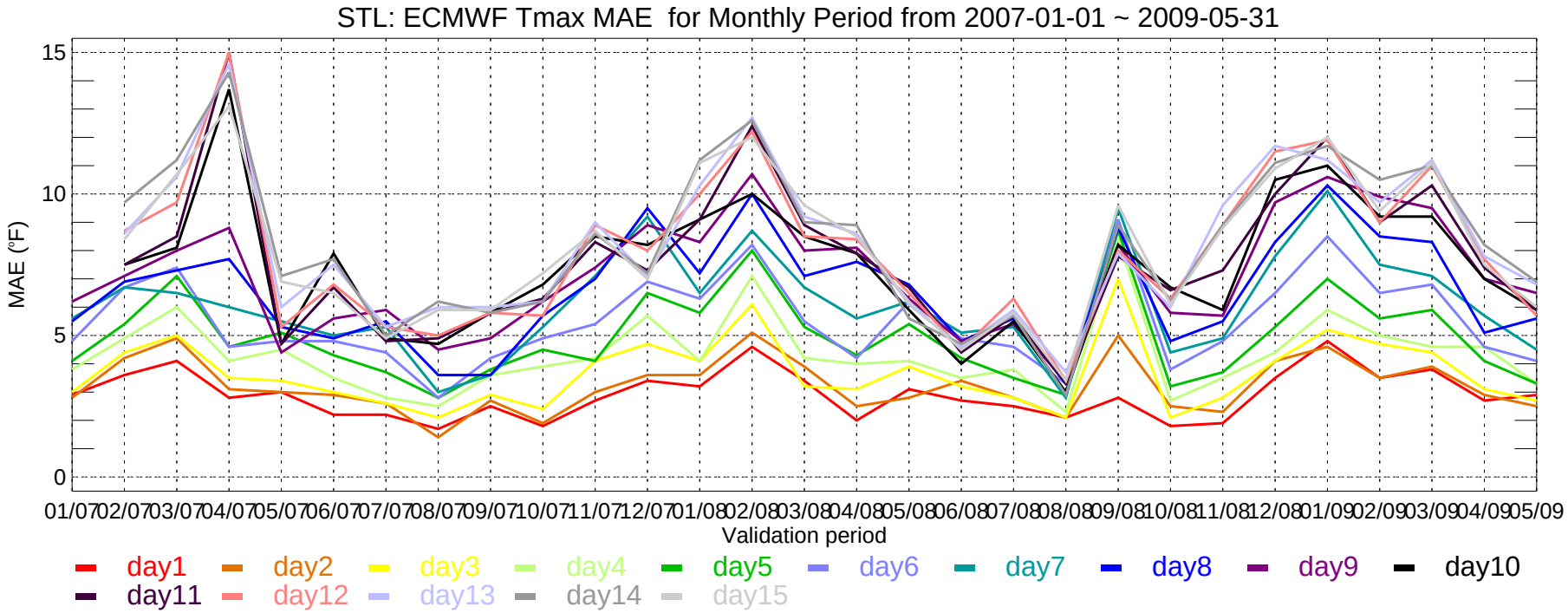

SLC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

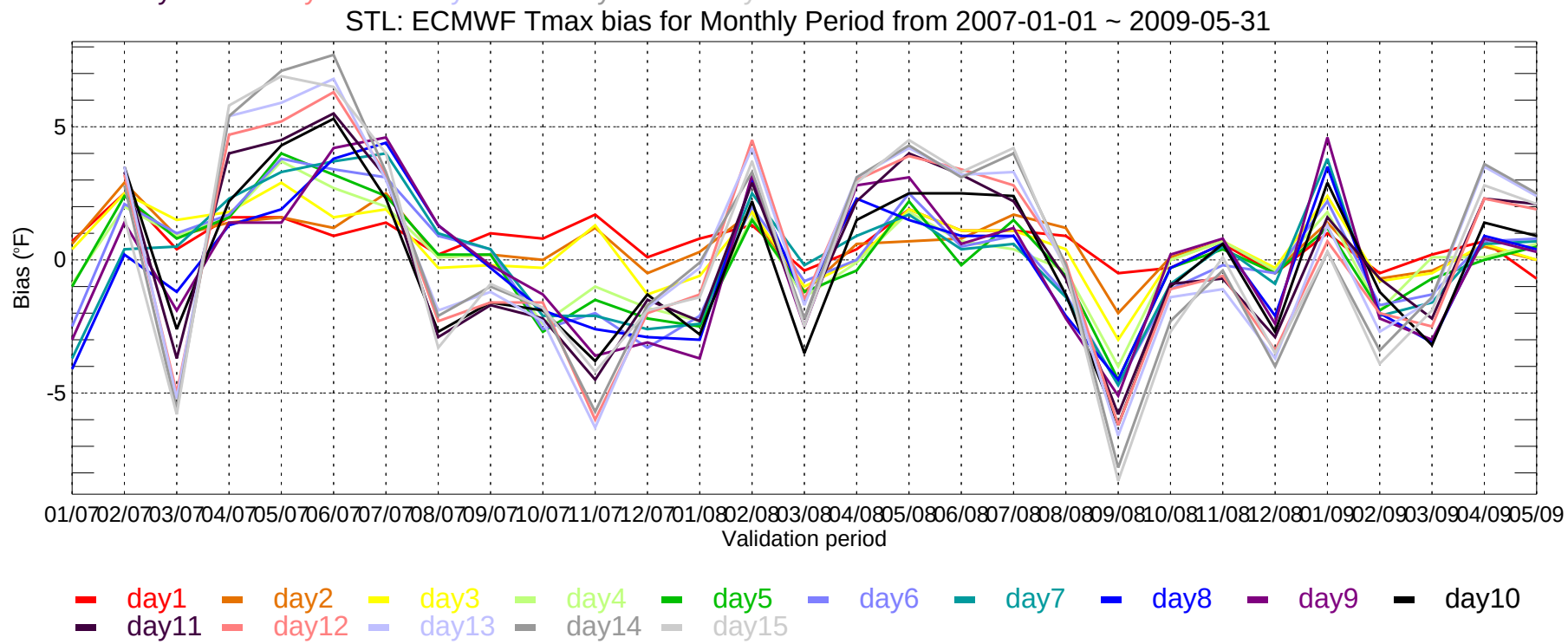

SSI: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

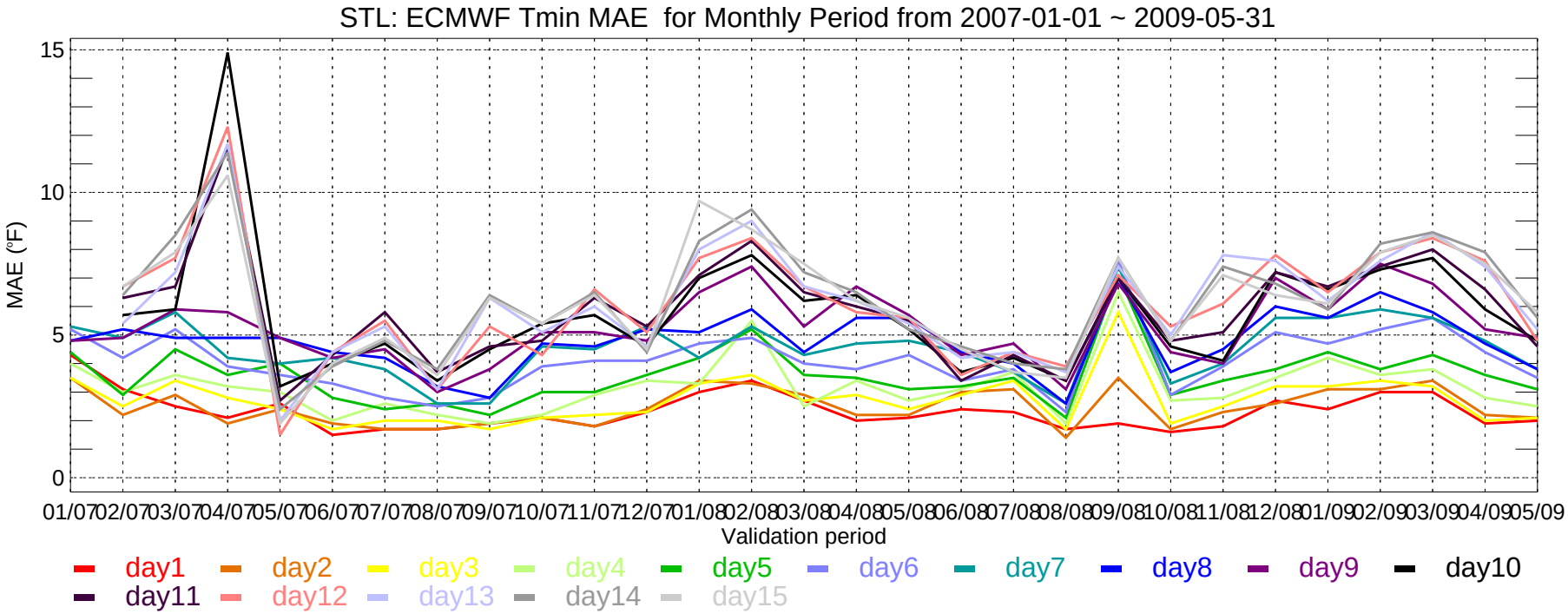

SSI: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

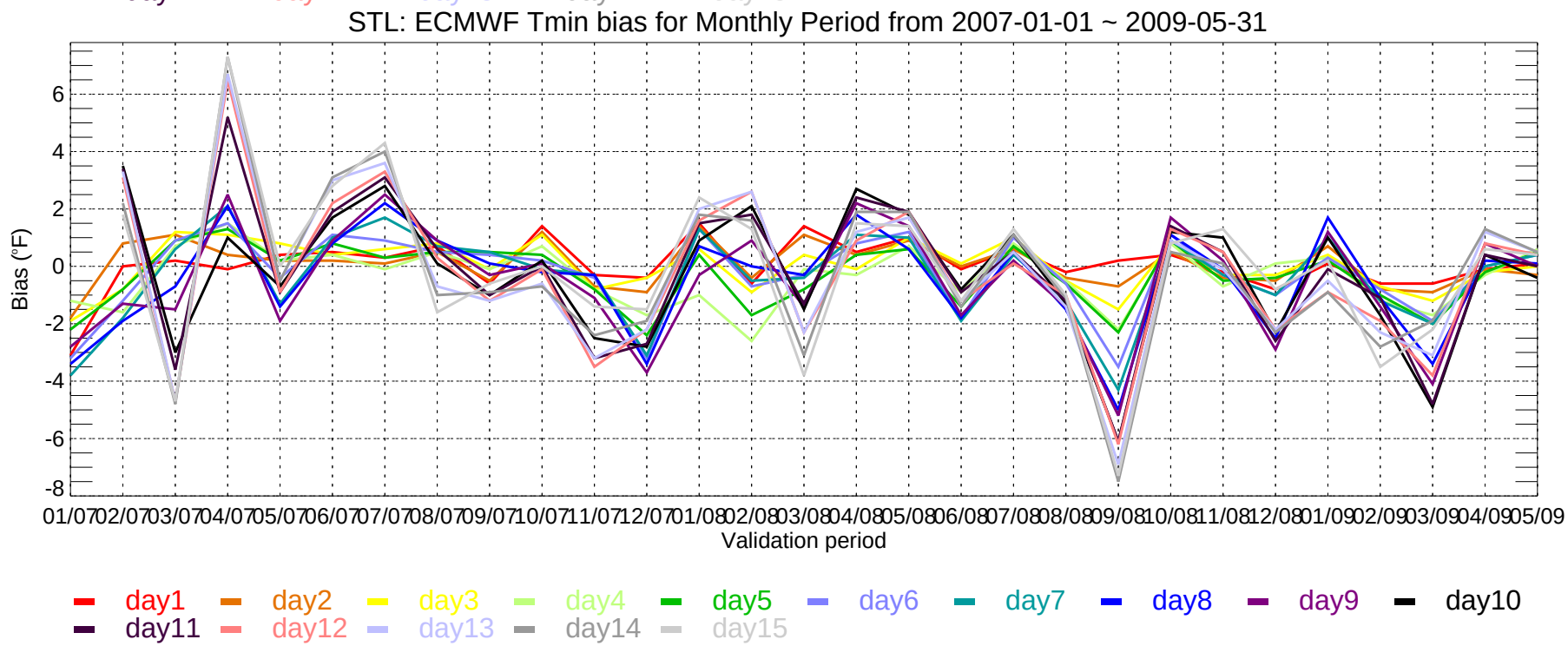

SSI: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

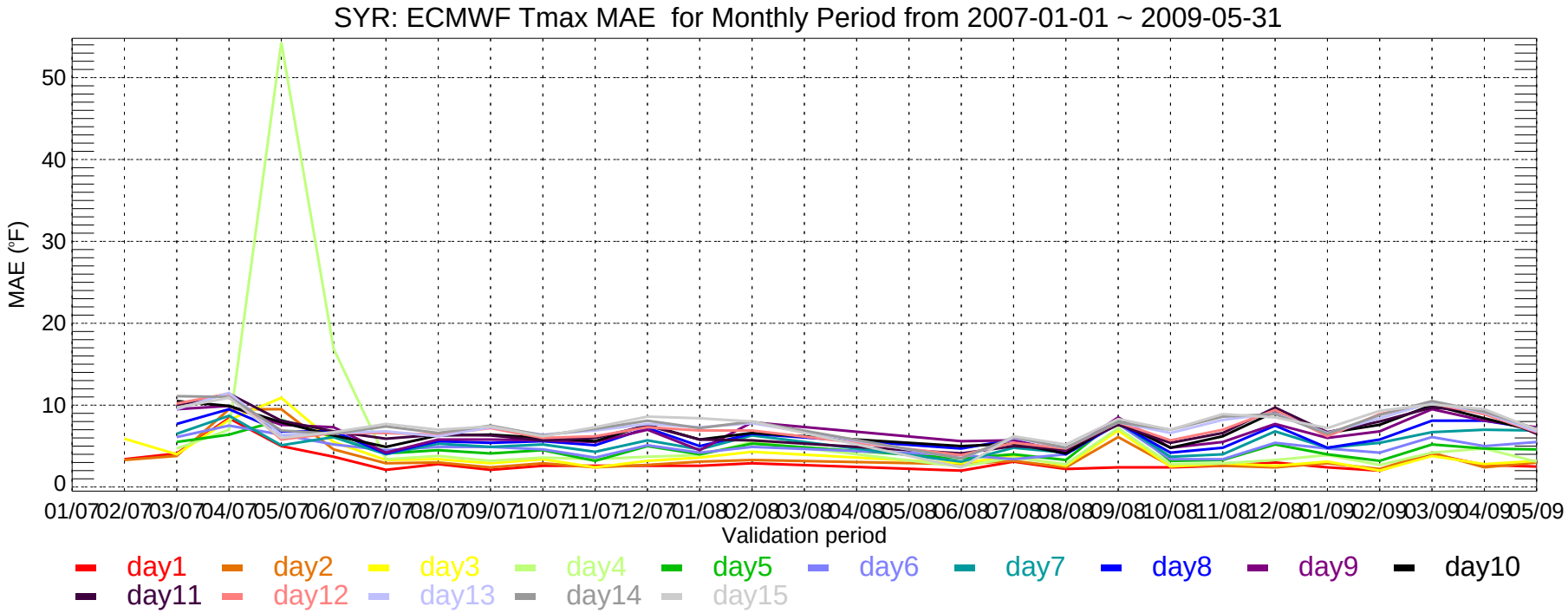

SSI: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

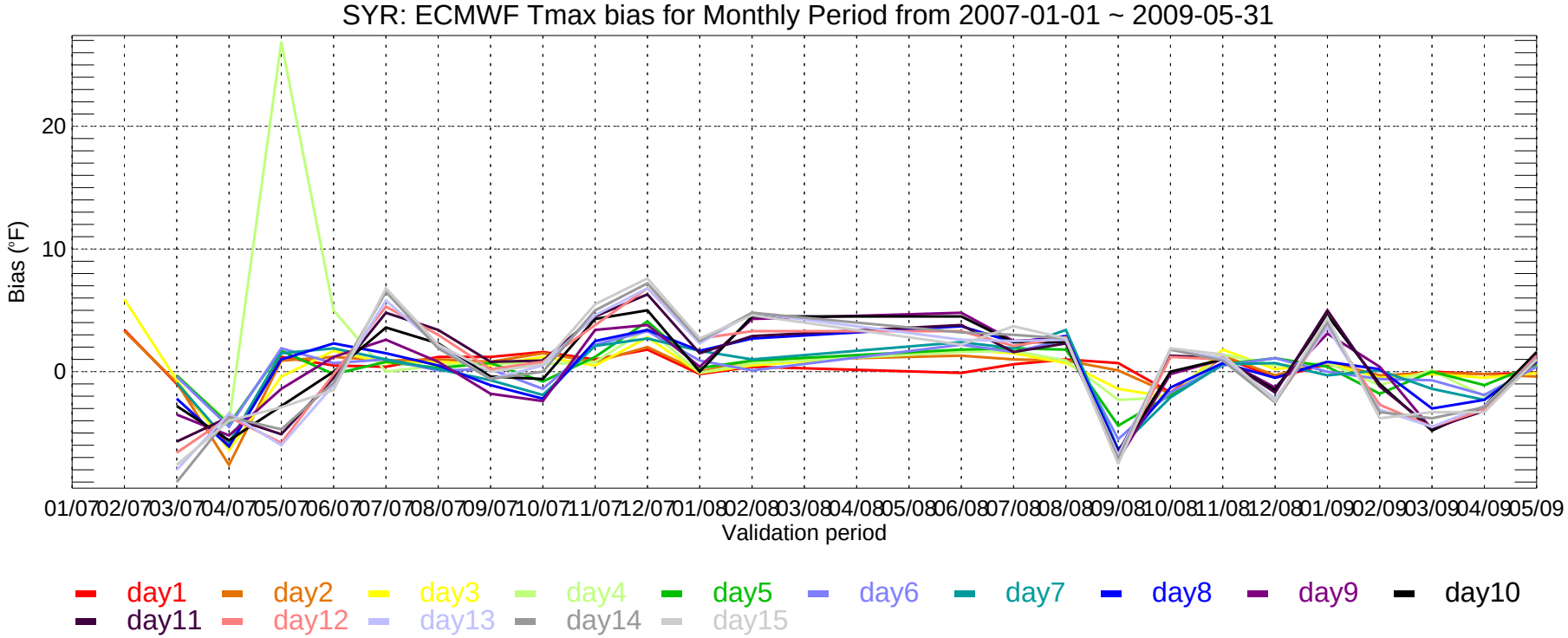

STL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

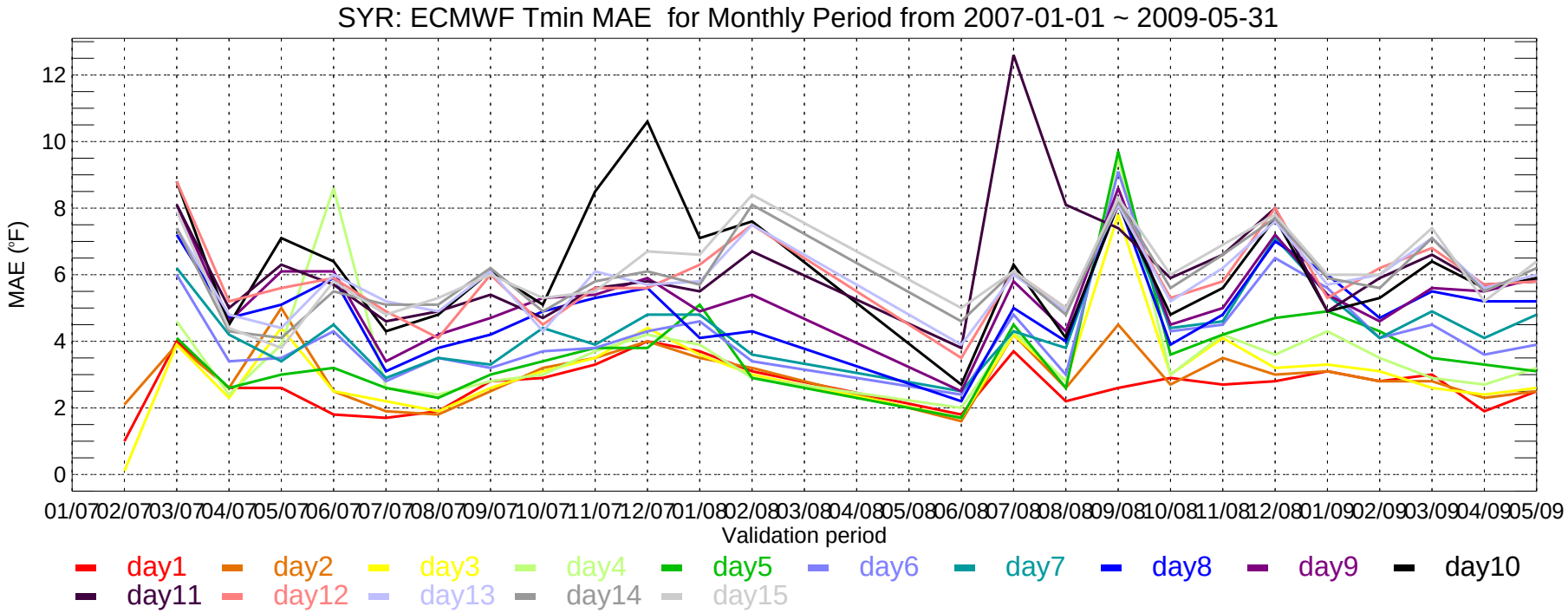

STL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

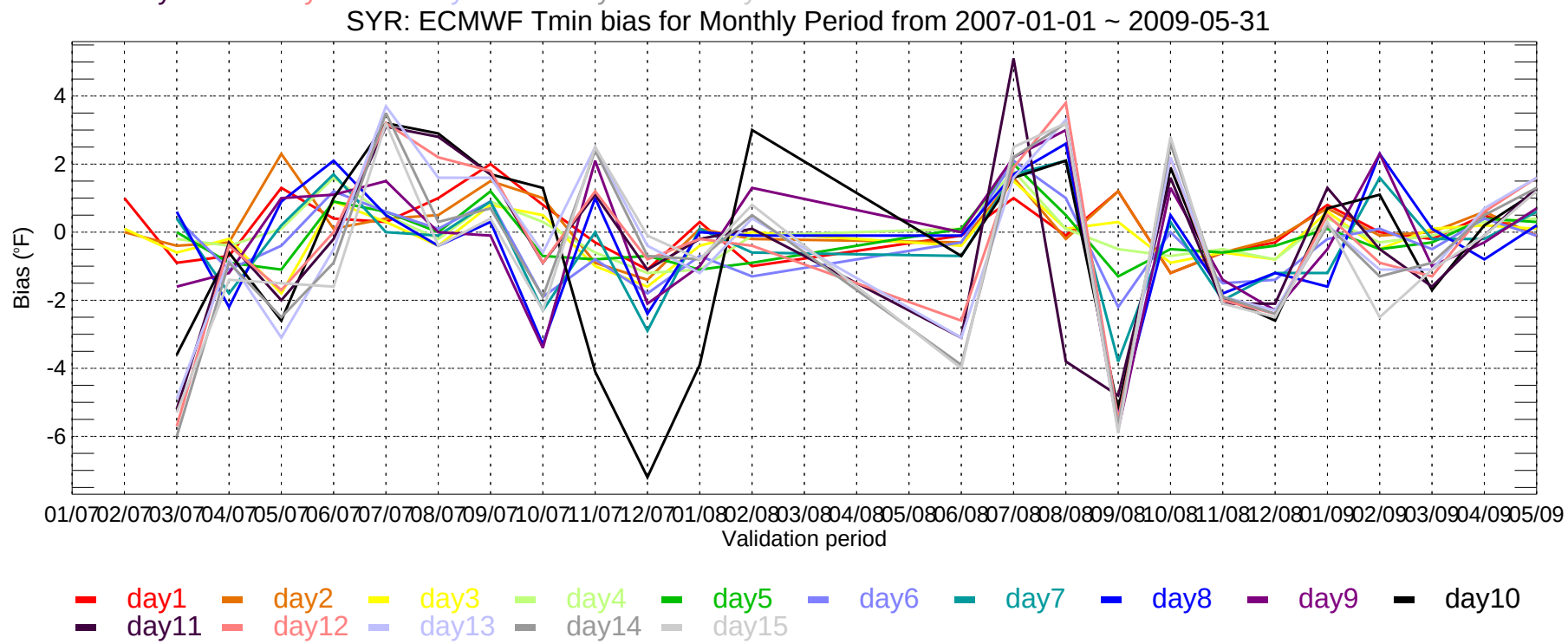

STL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

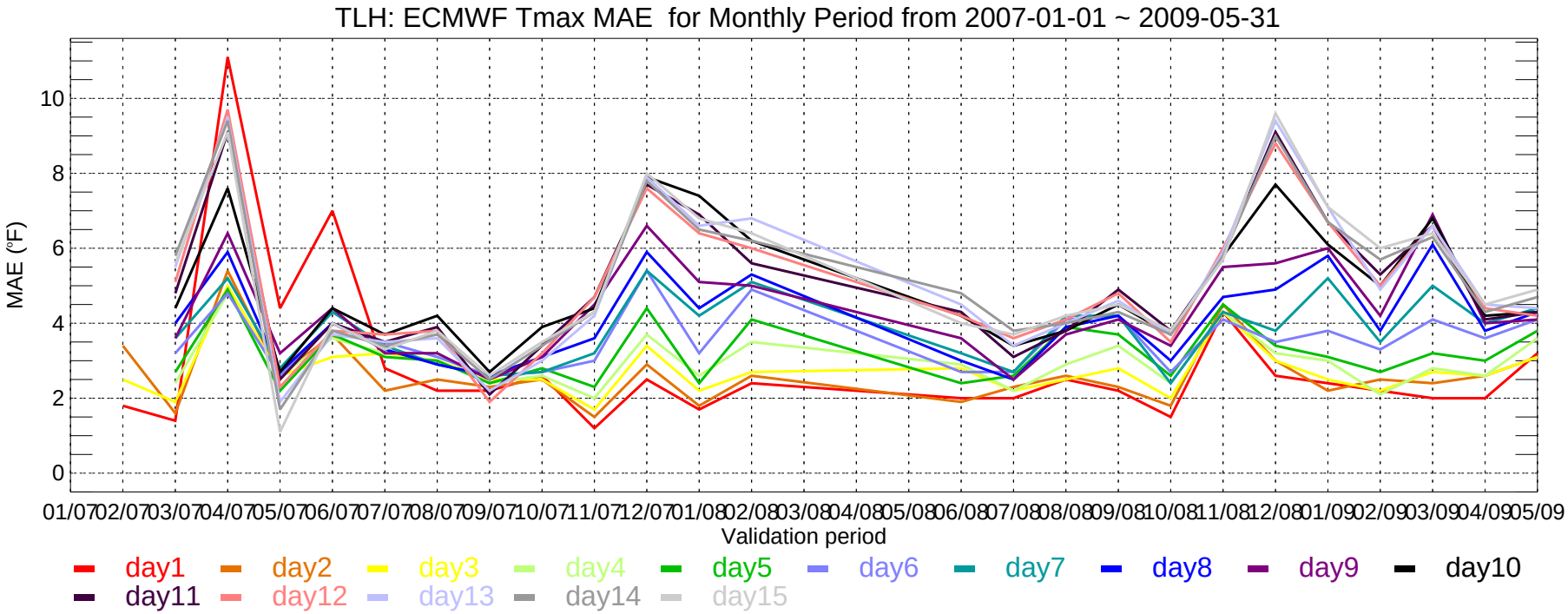

STL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

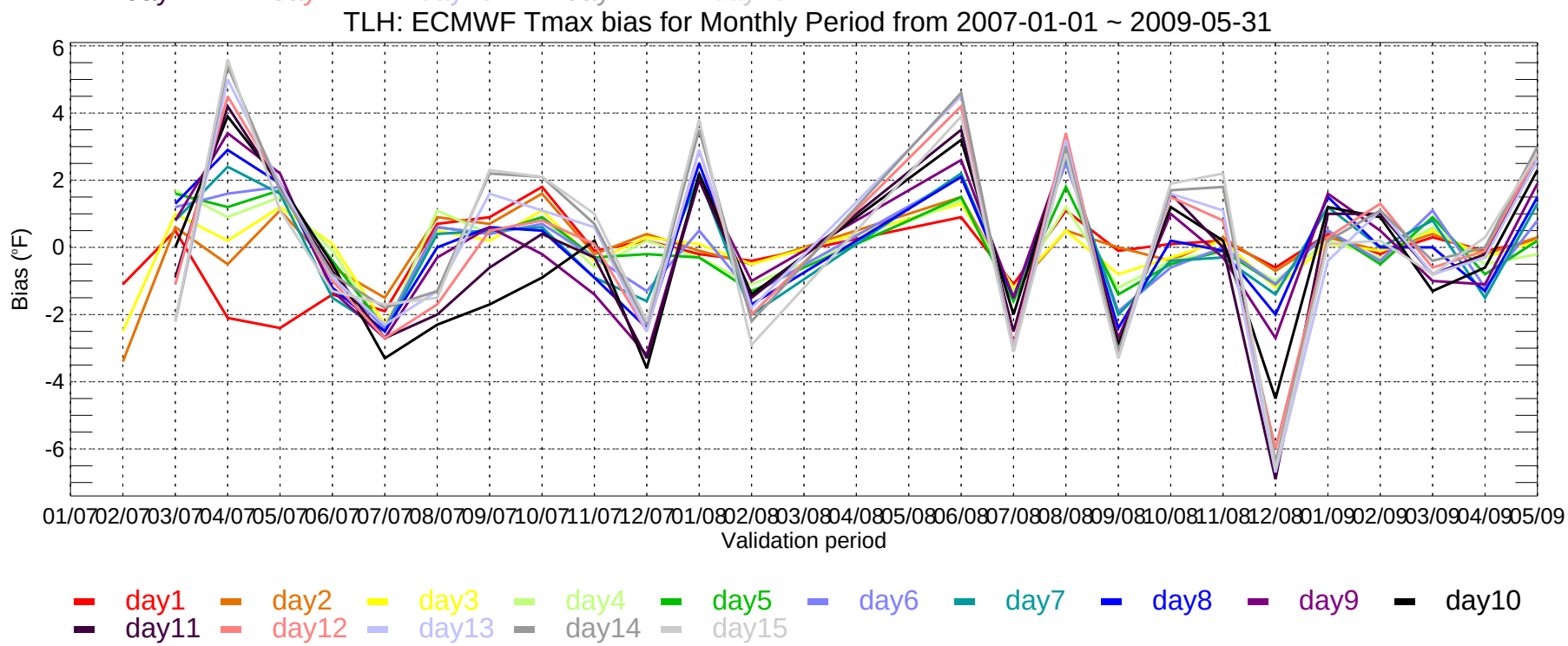

SYR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
10
20
30
40
50
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

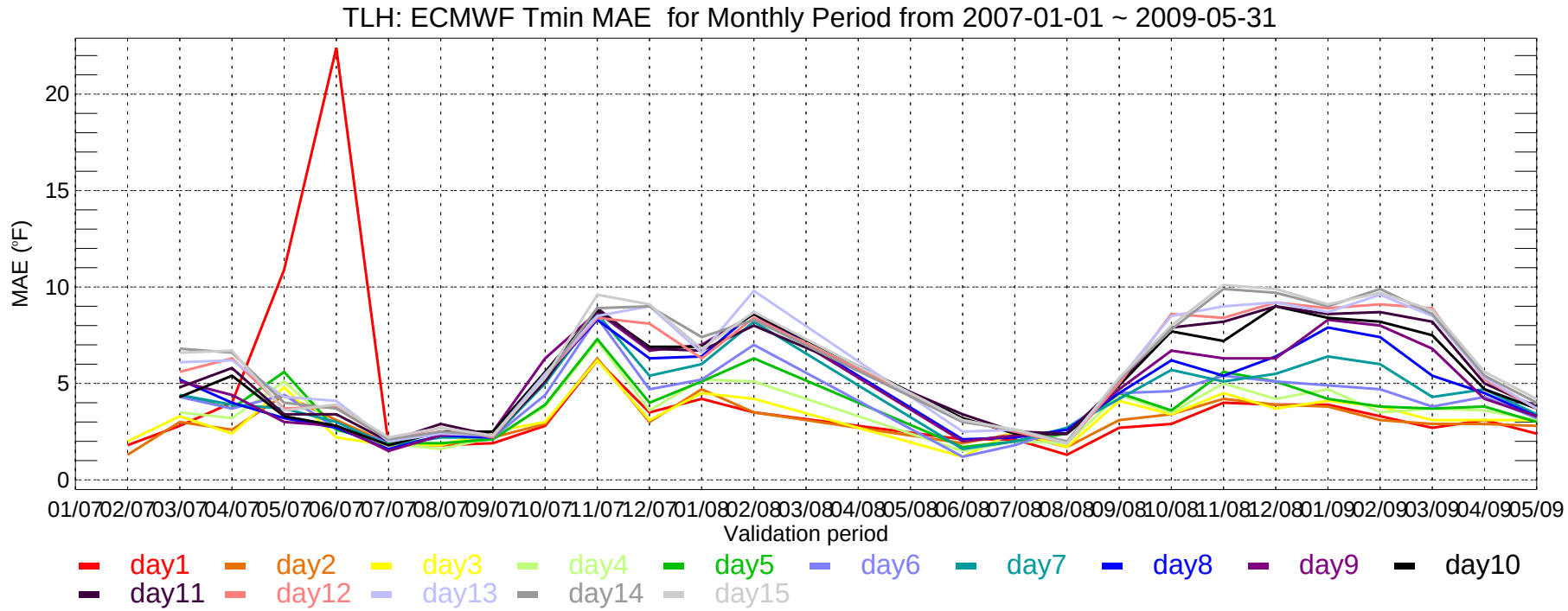

SYR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
0
10
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

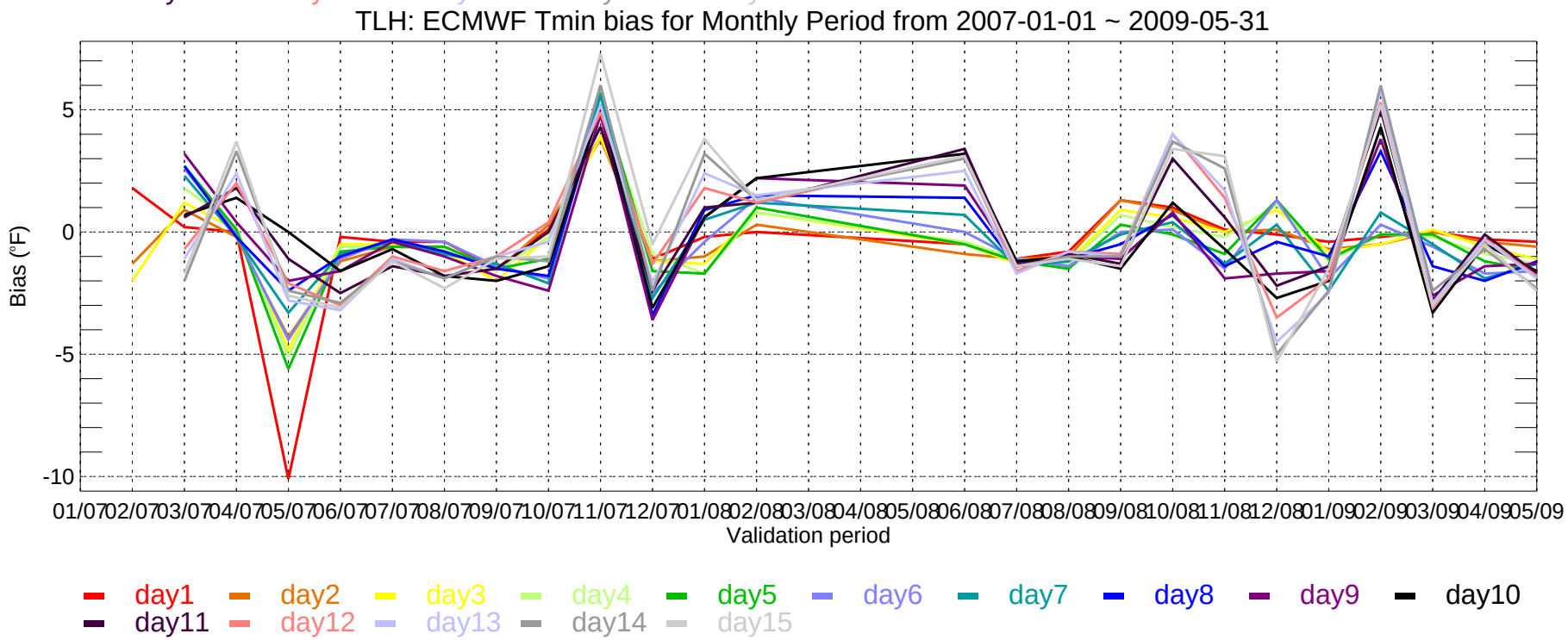

SYR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

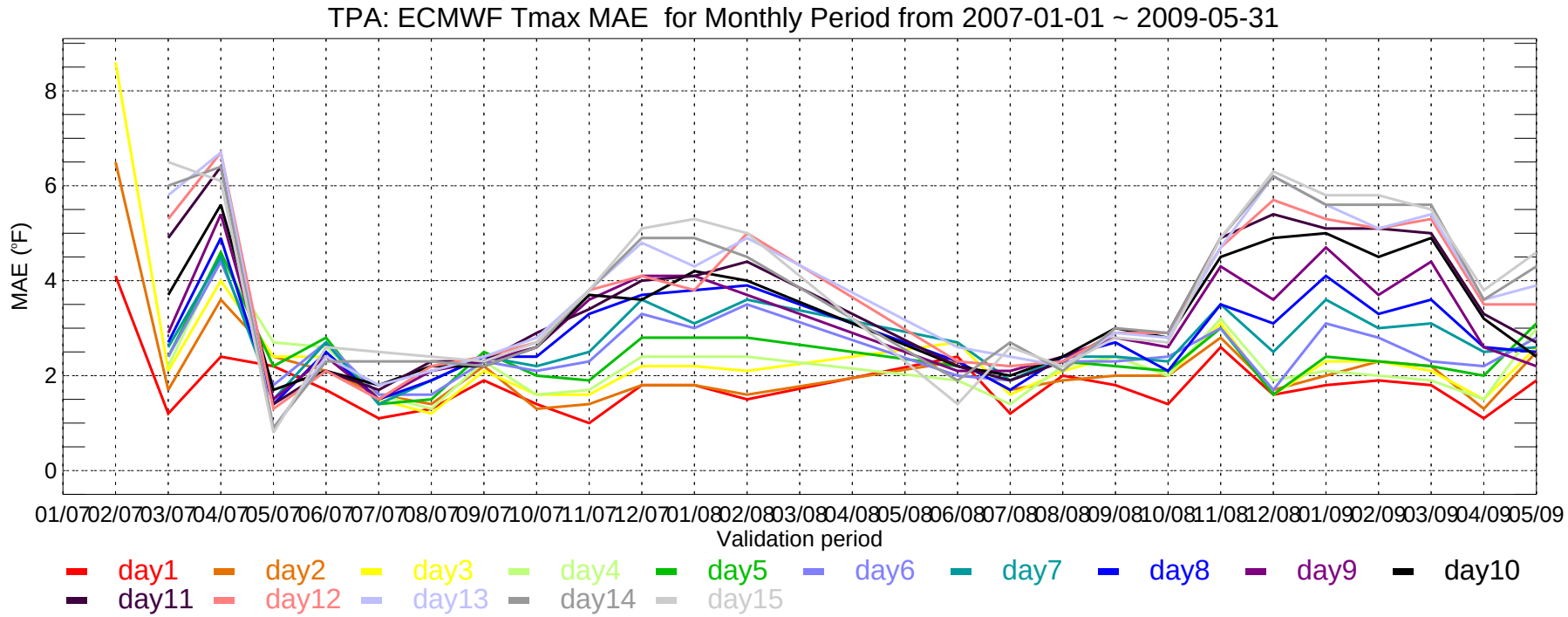

SYR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

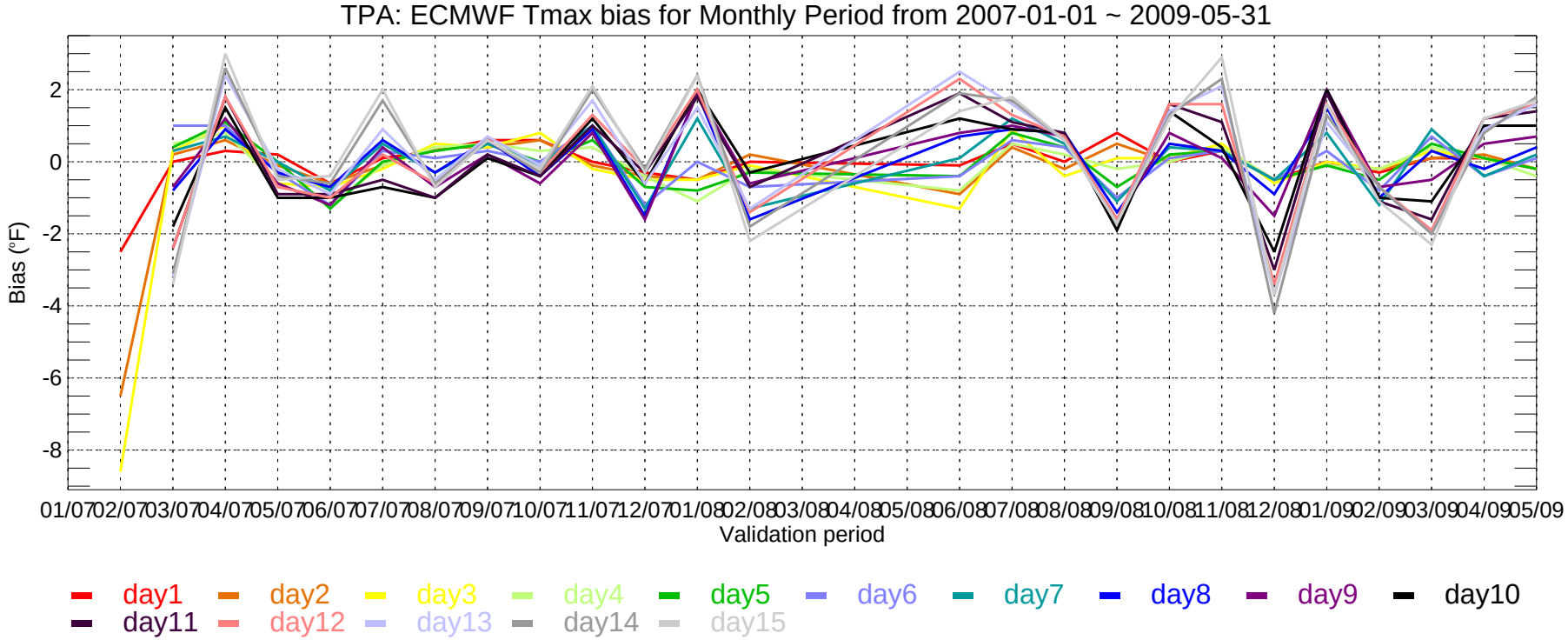

TLH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

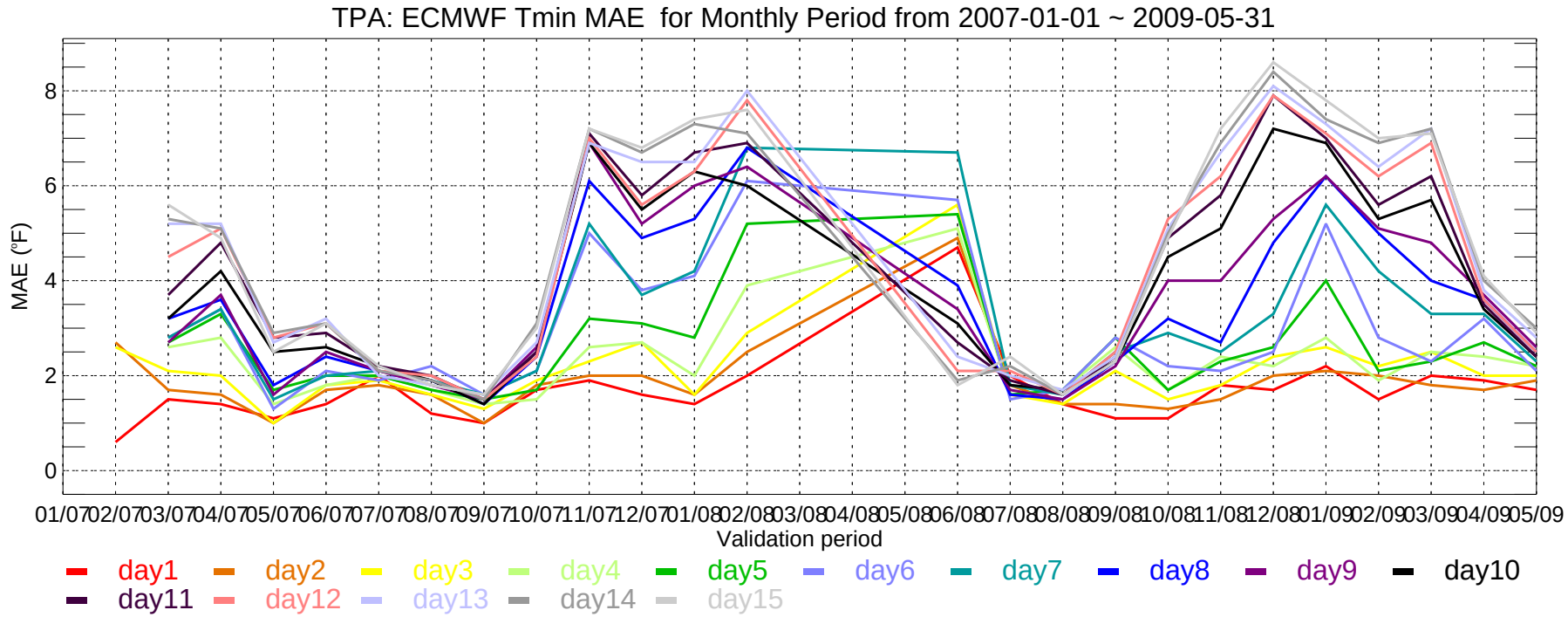

TLH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

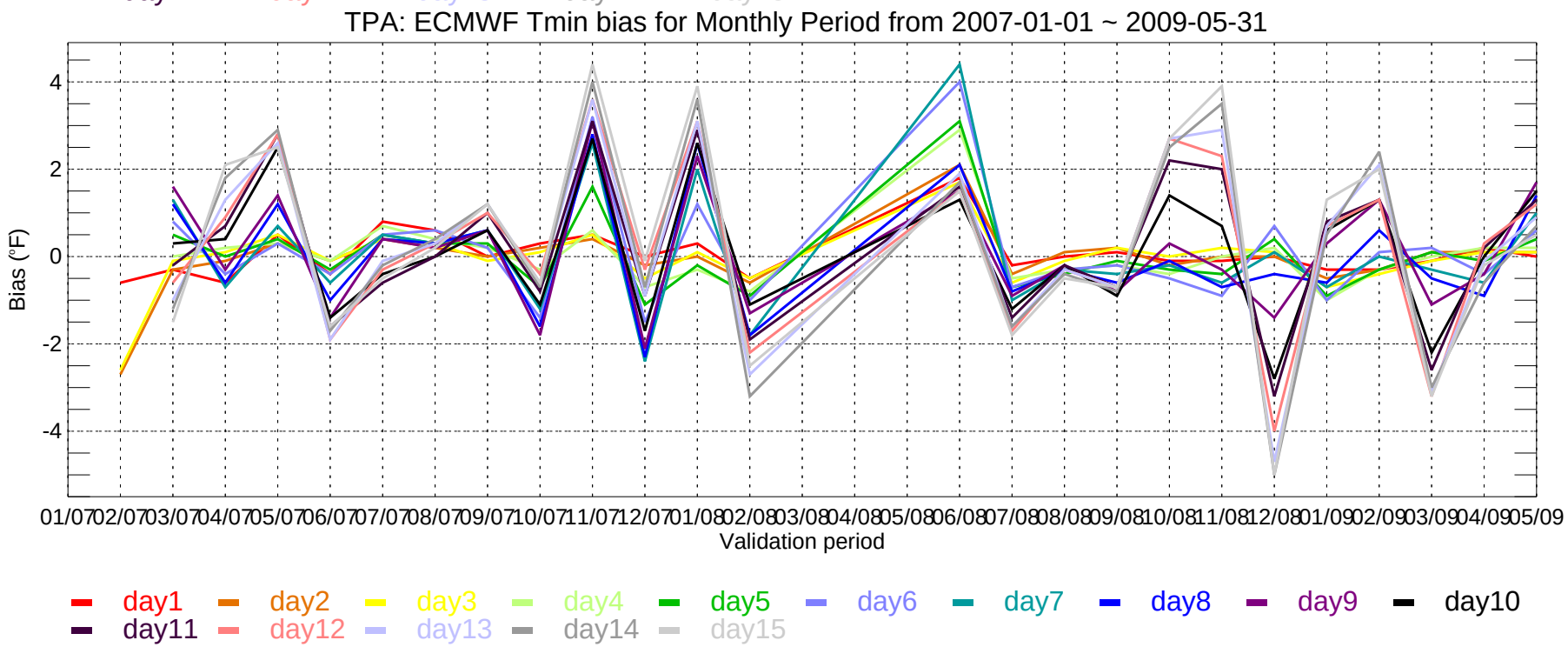

TLH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

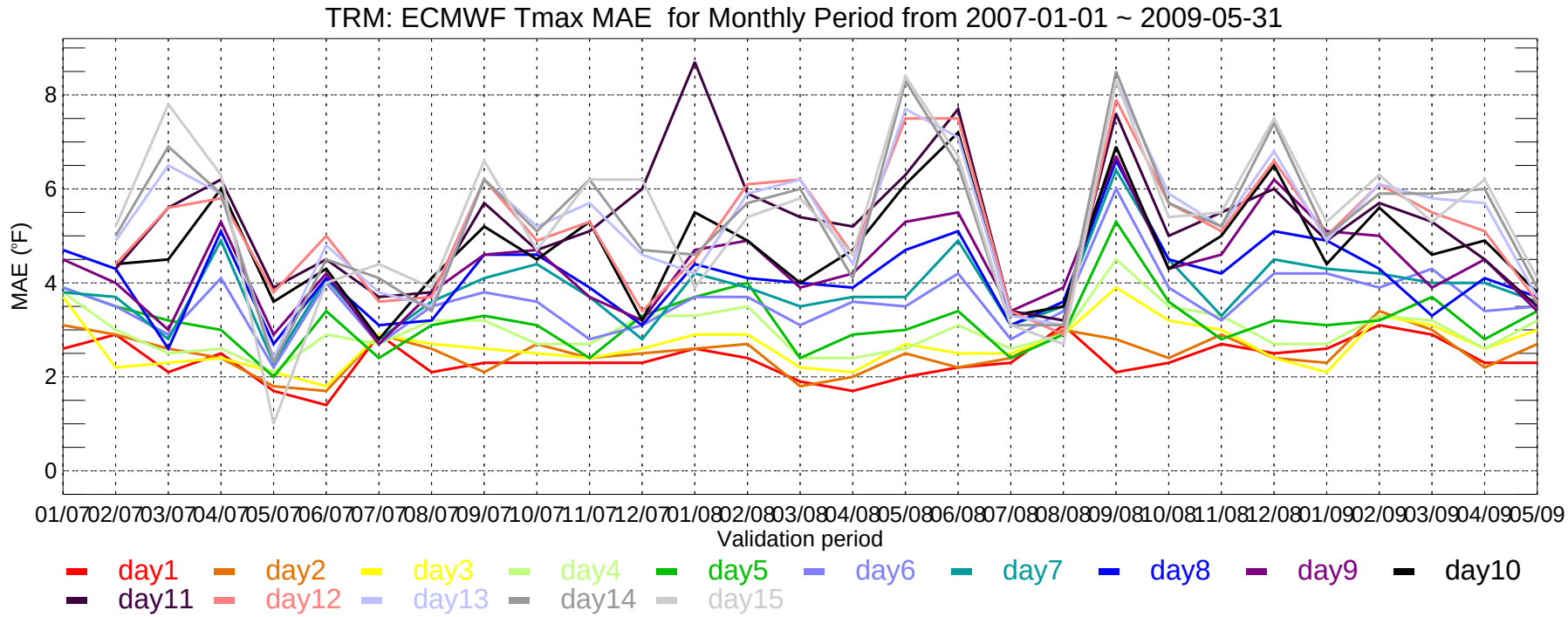

TLH: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

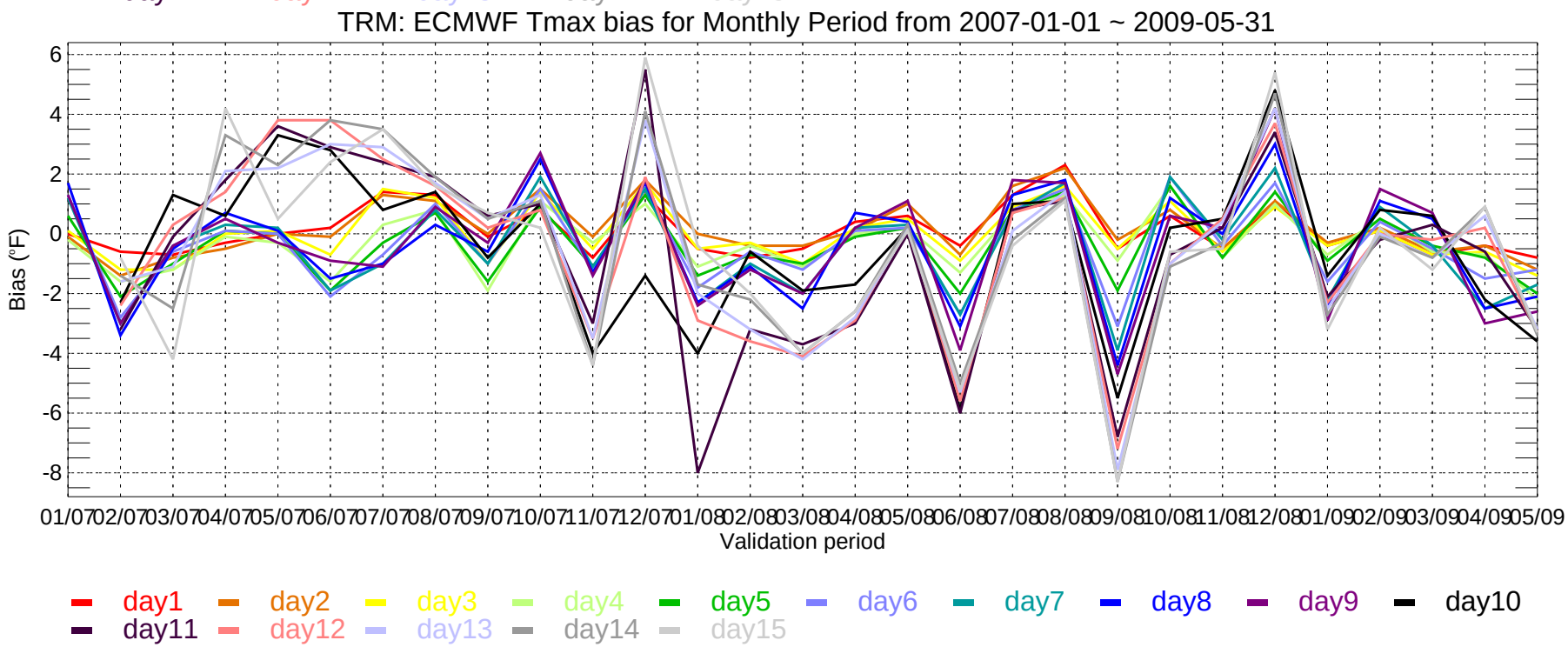

TPA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

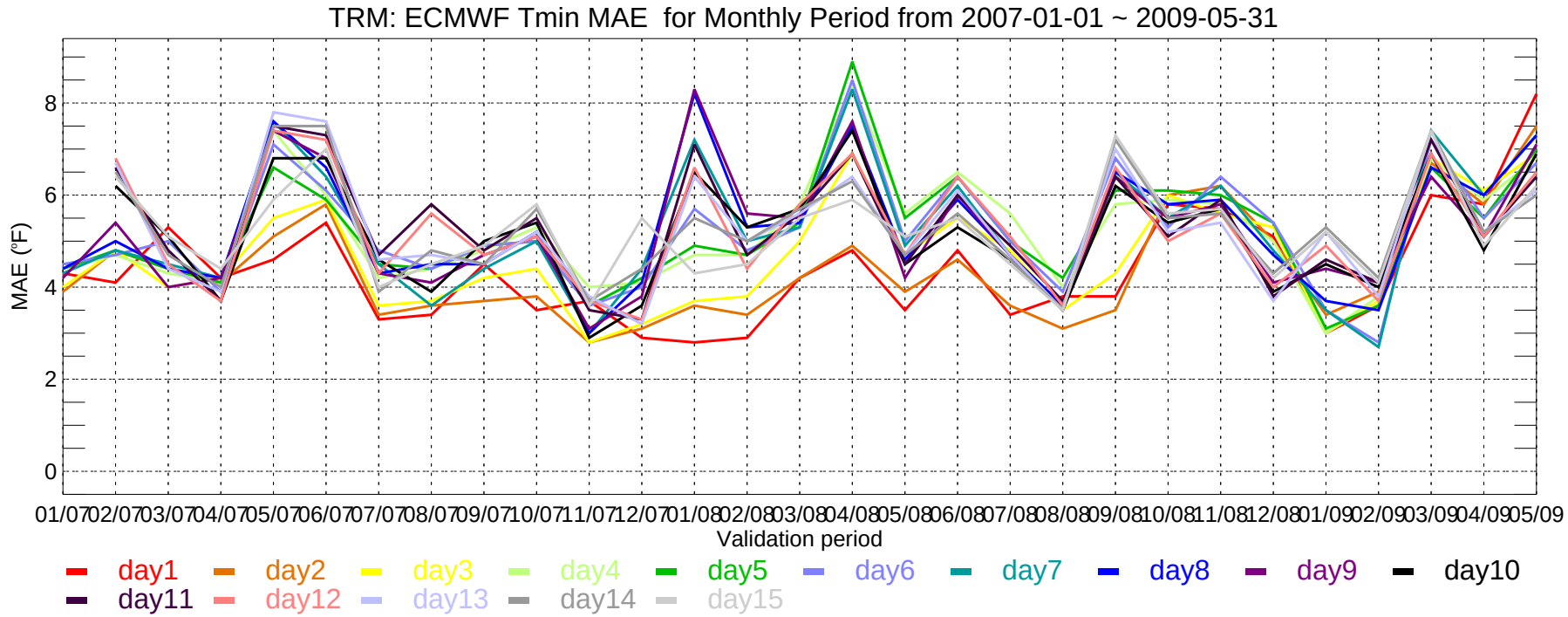

TPA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

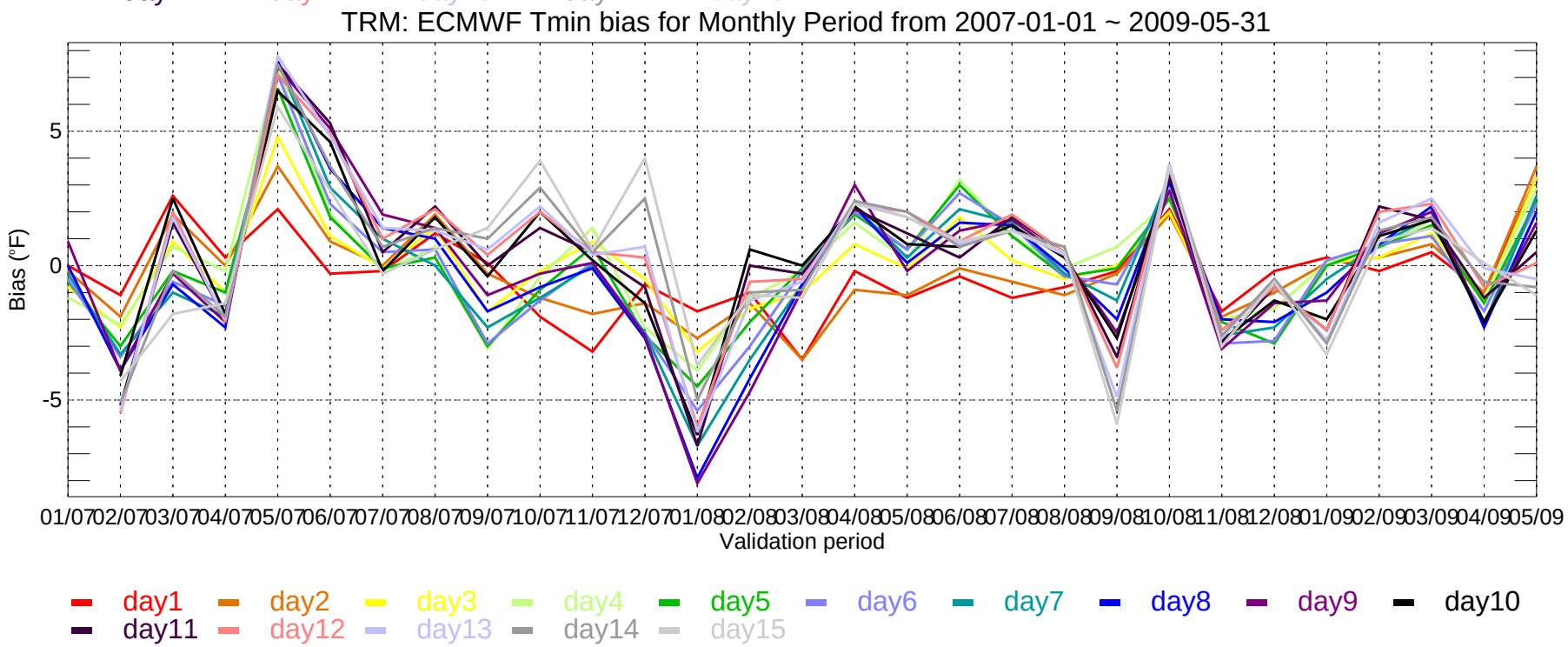

TPA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

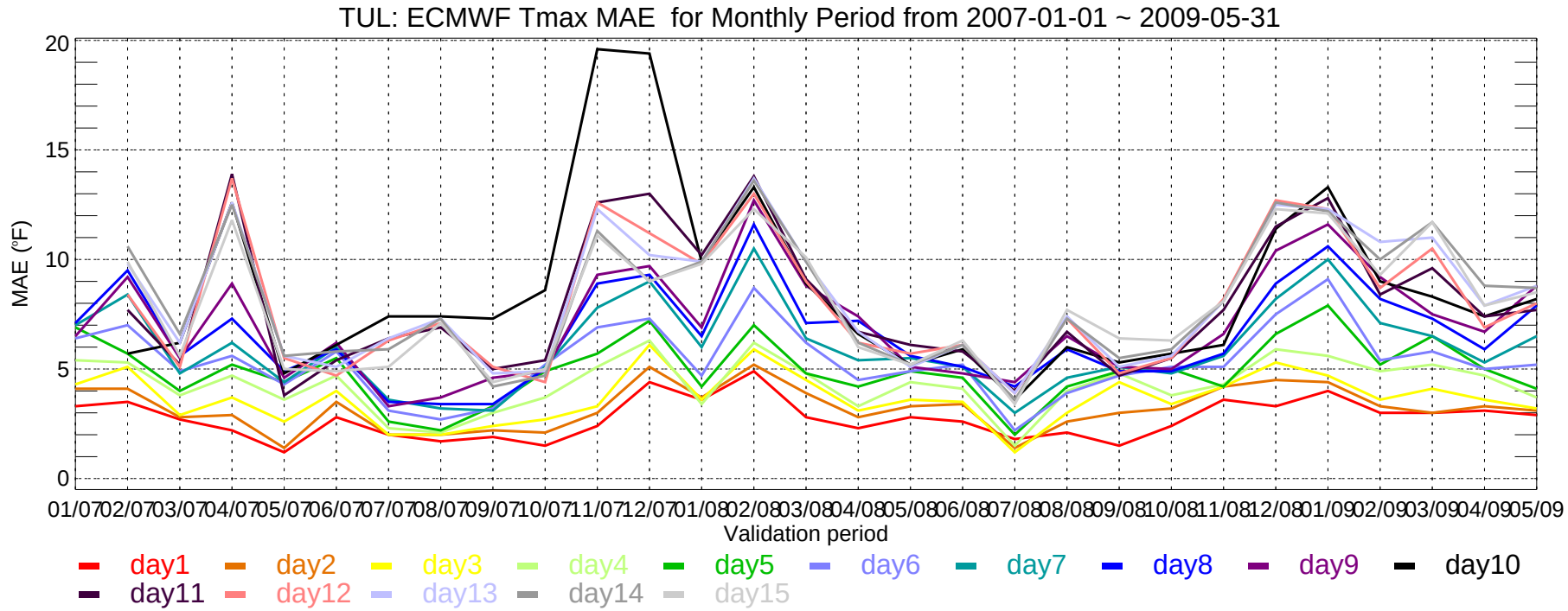

TPA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

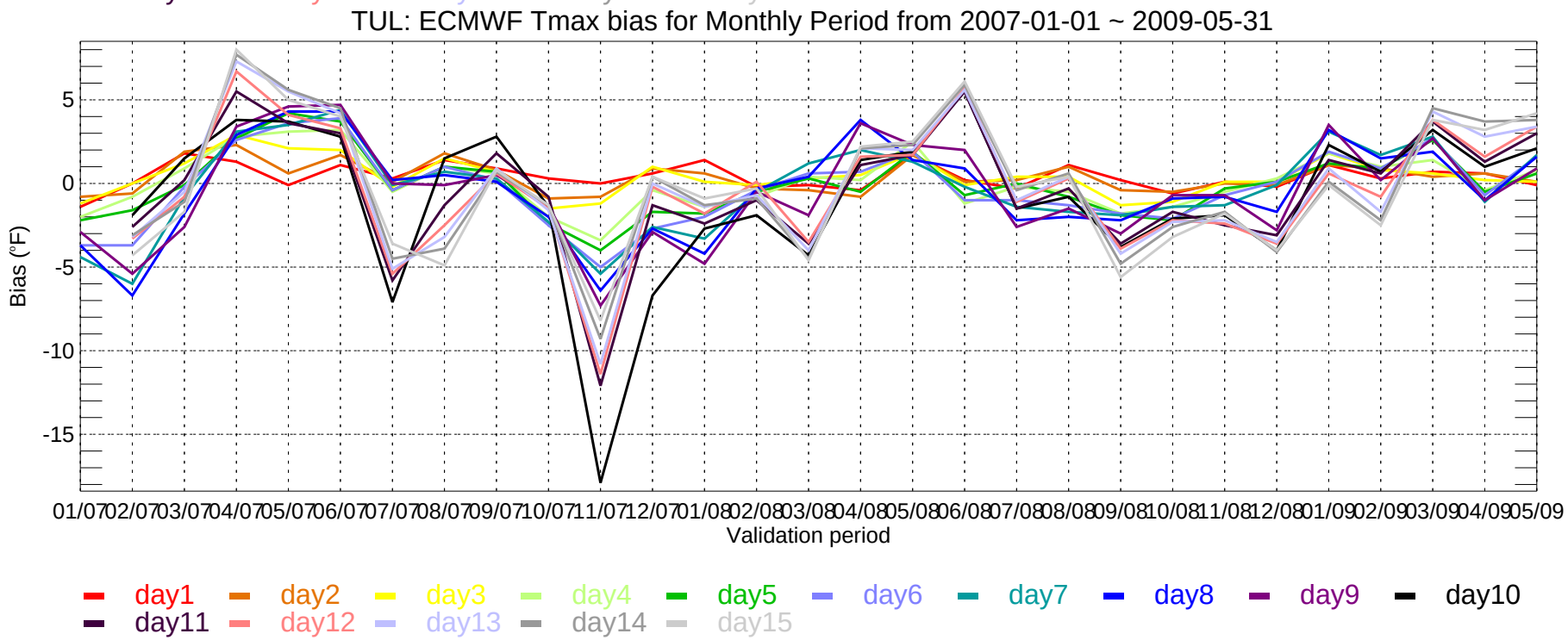

TRM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

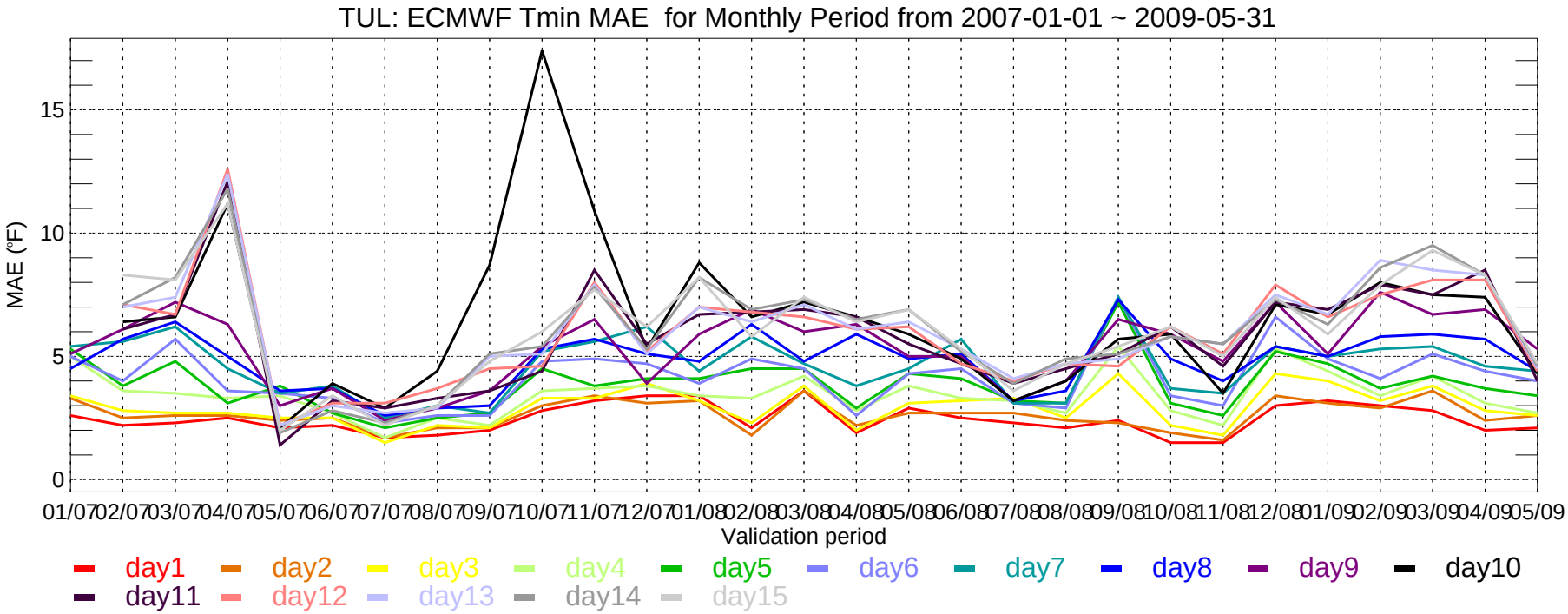

TRM: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

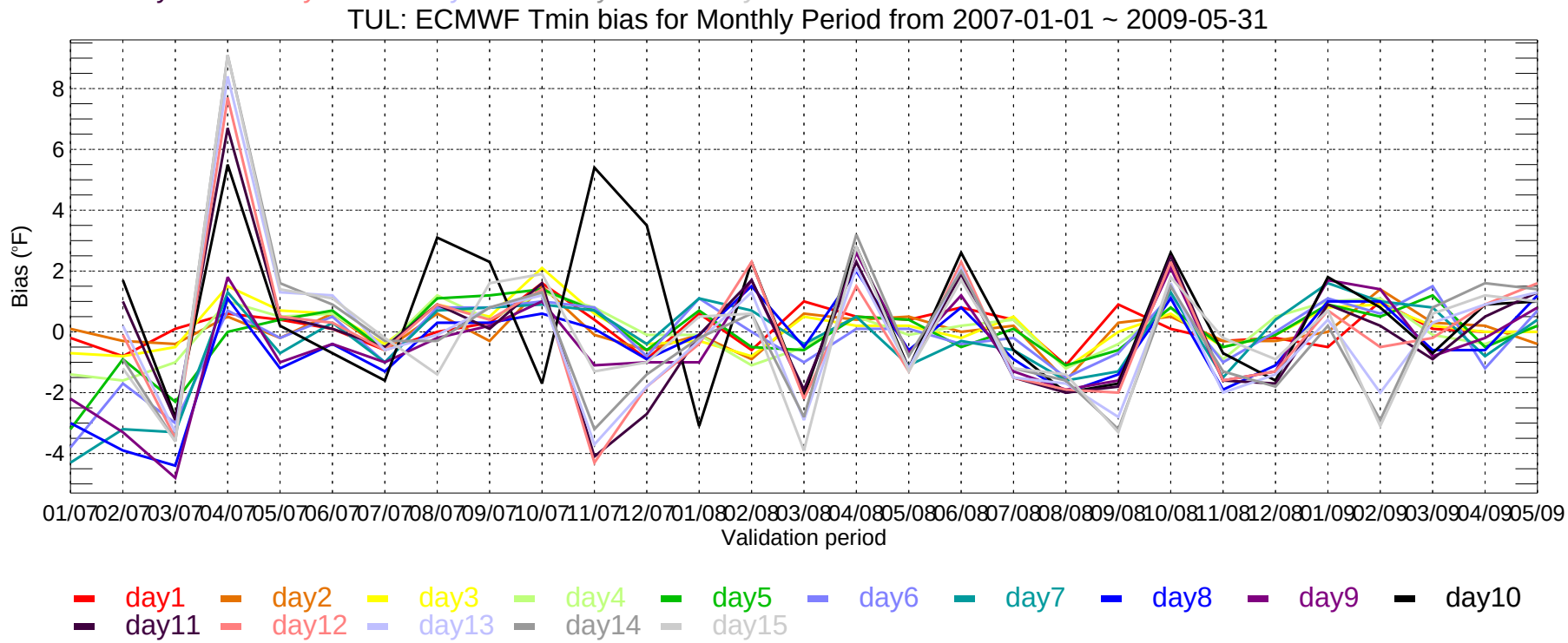

TRM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

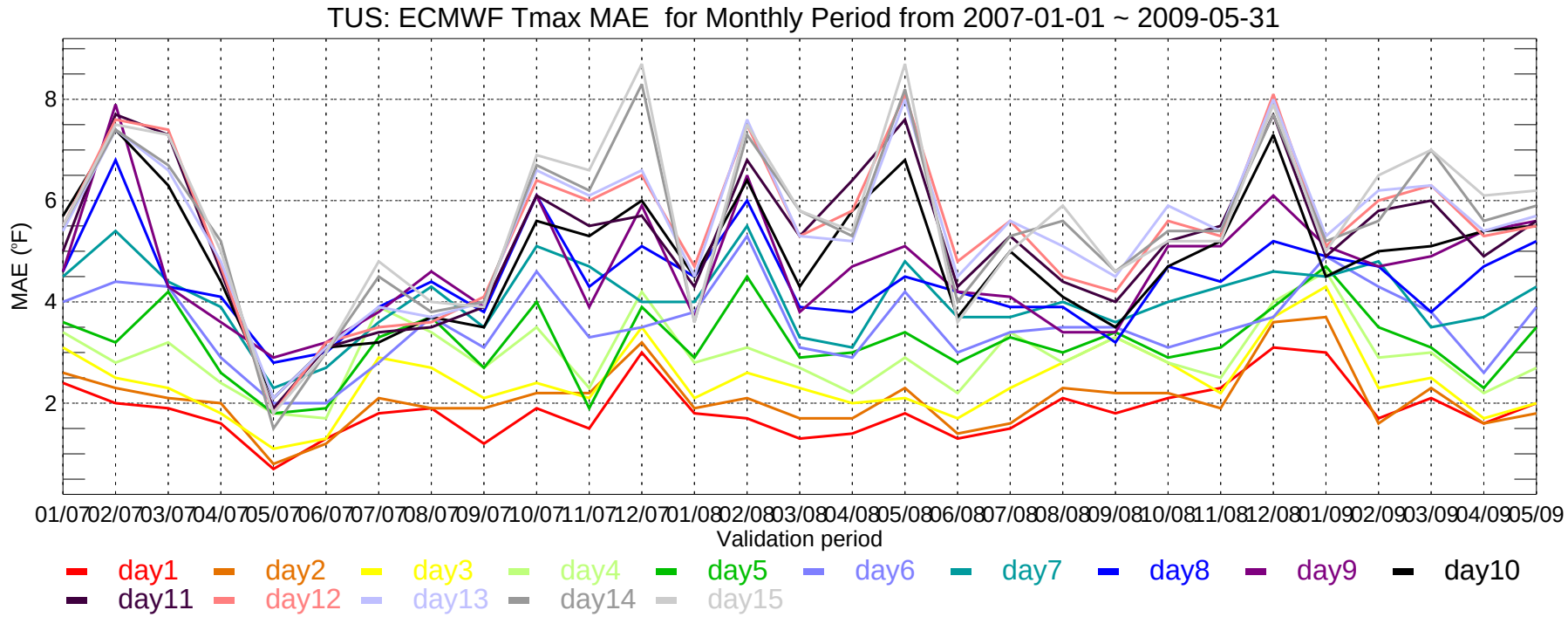

TRM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

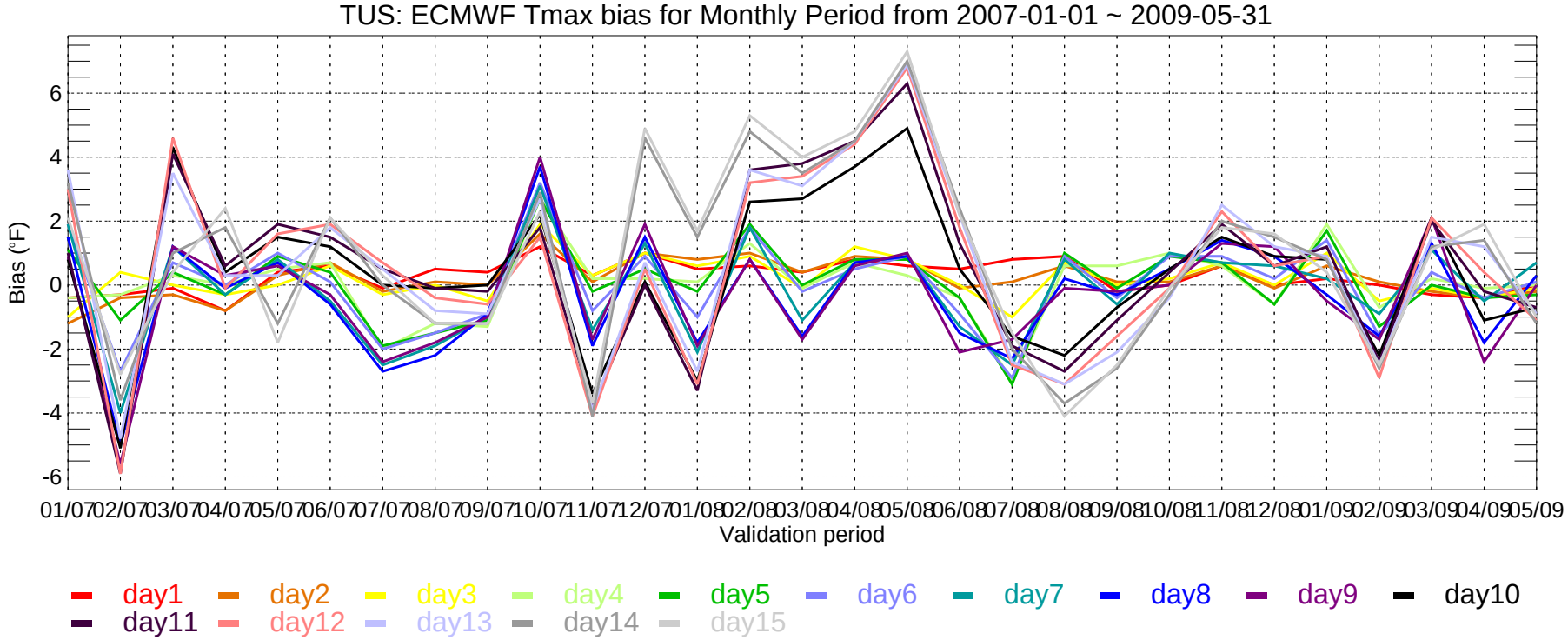

TUL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

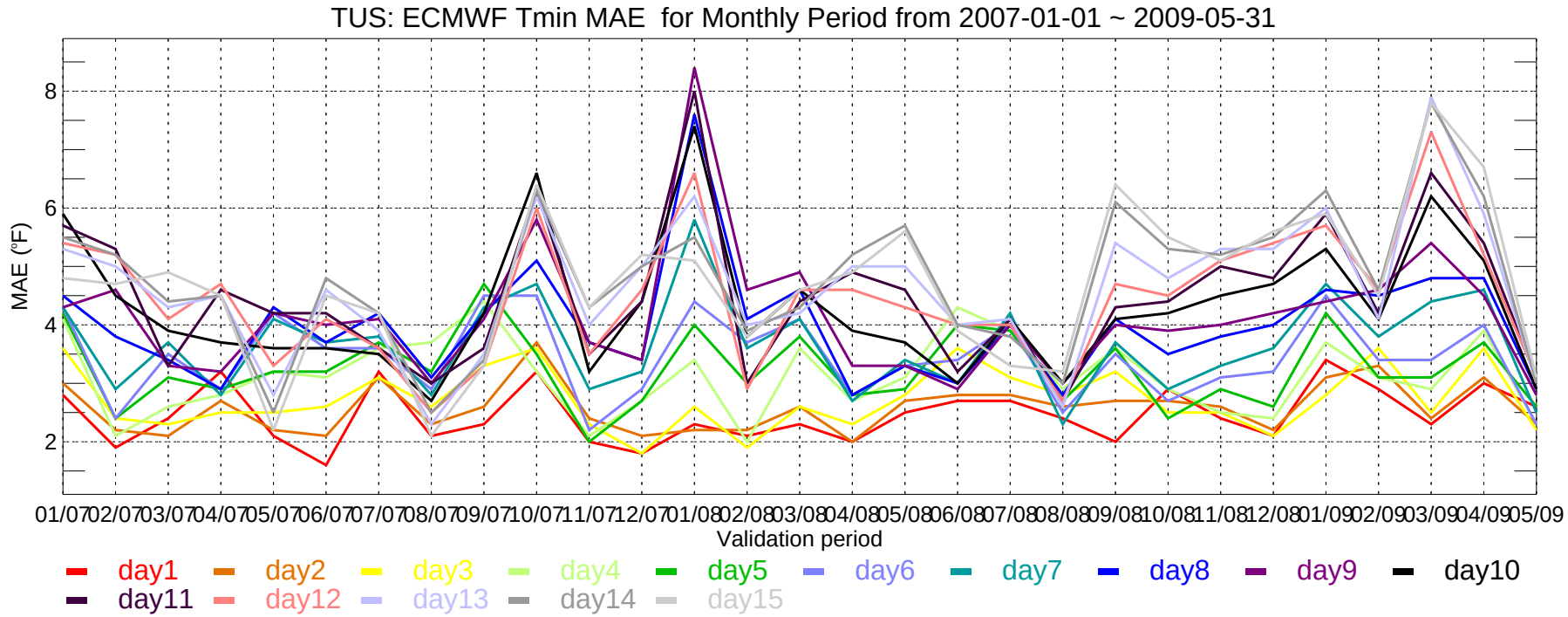

TUL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

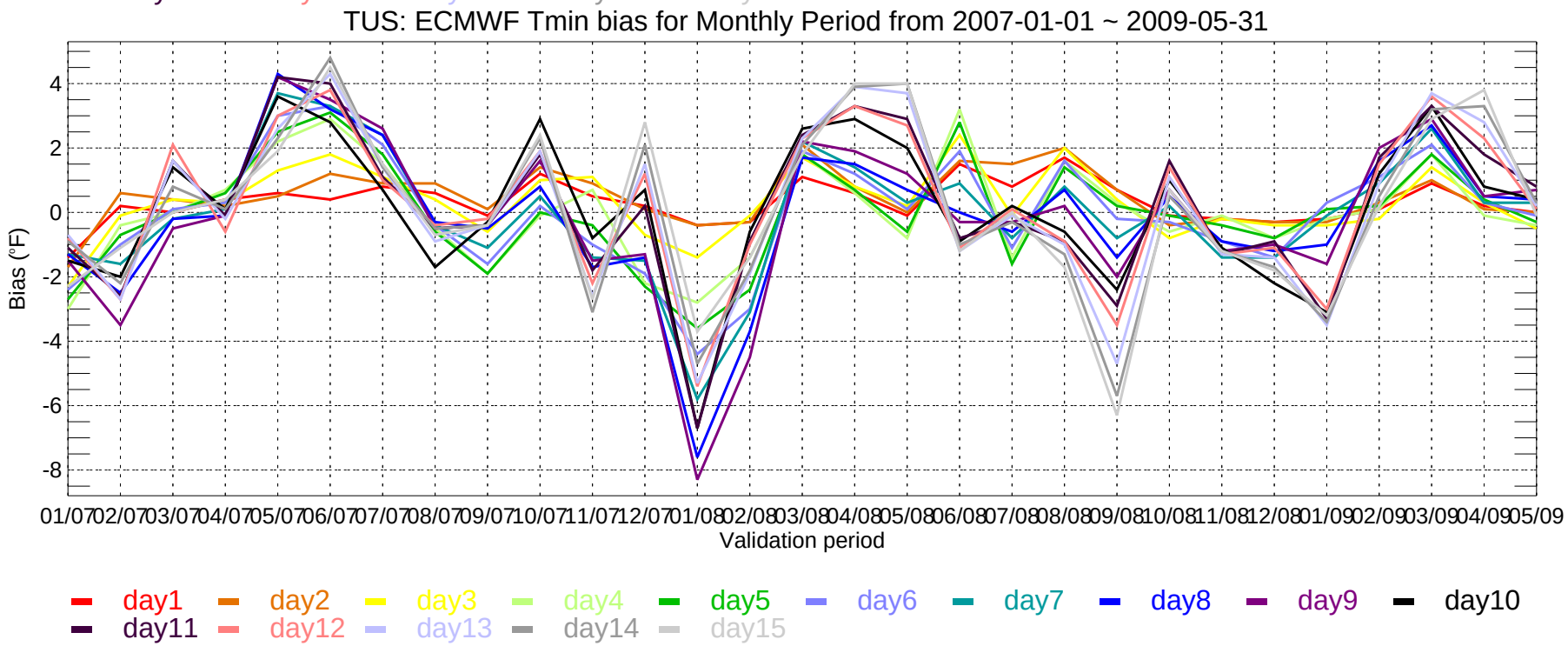

TUL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

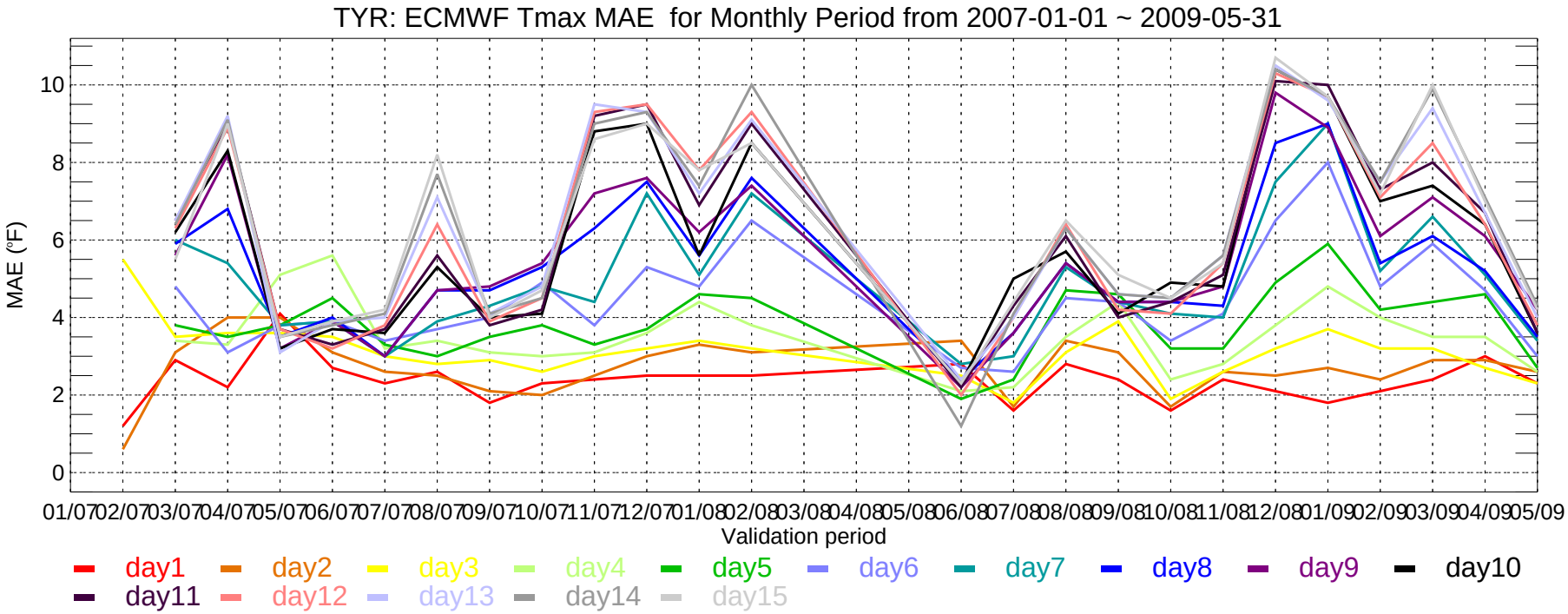

TUL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

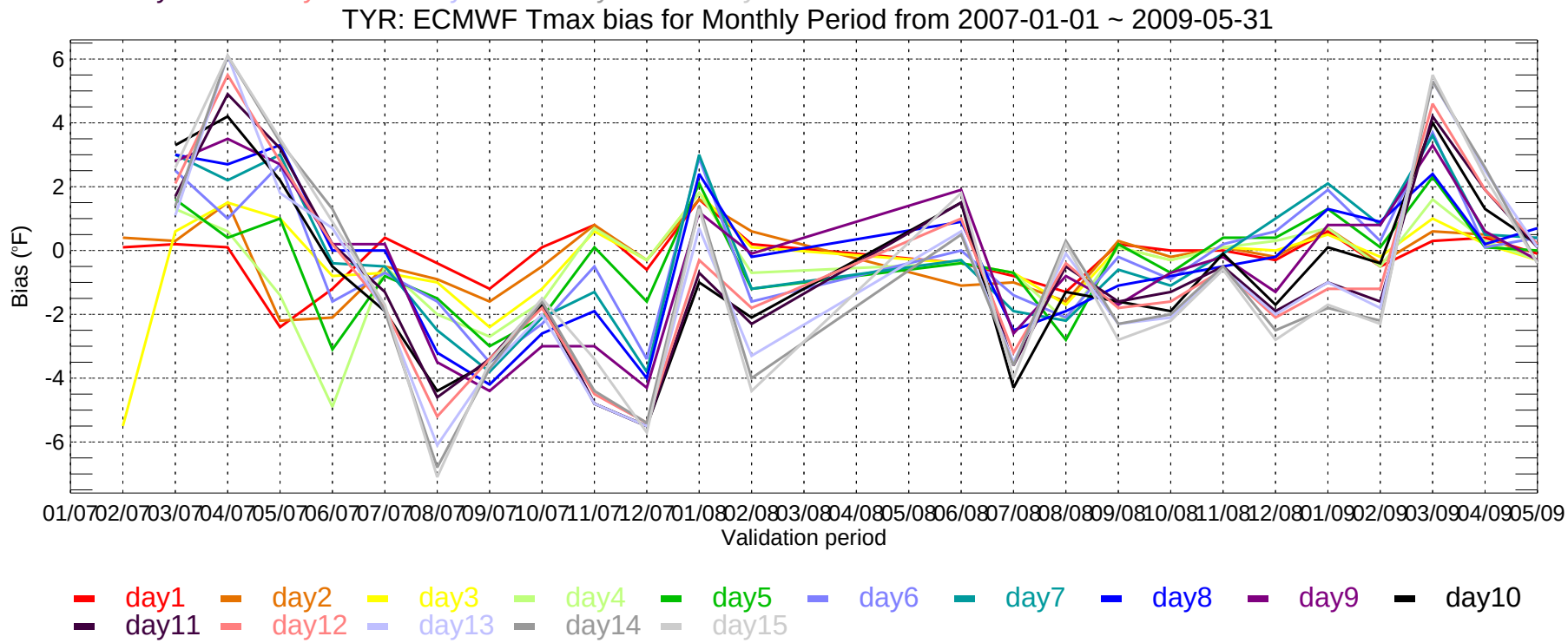

TUS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

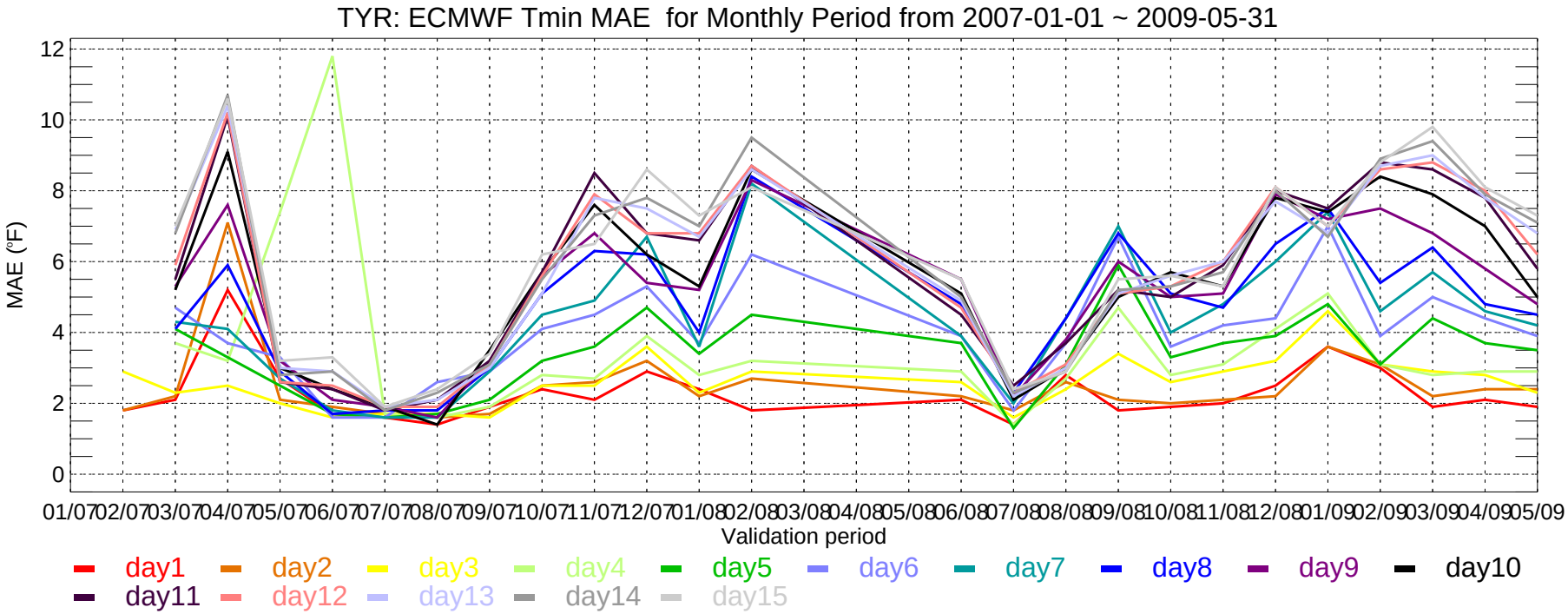

TUS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

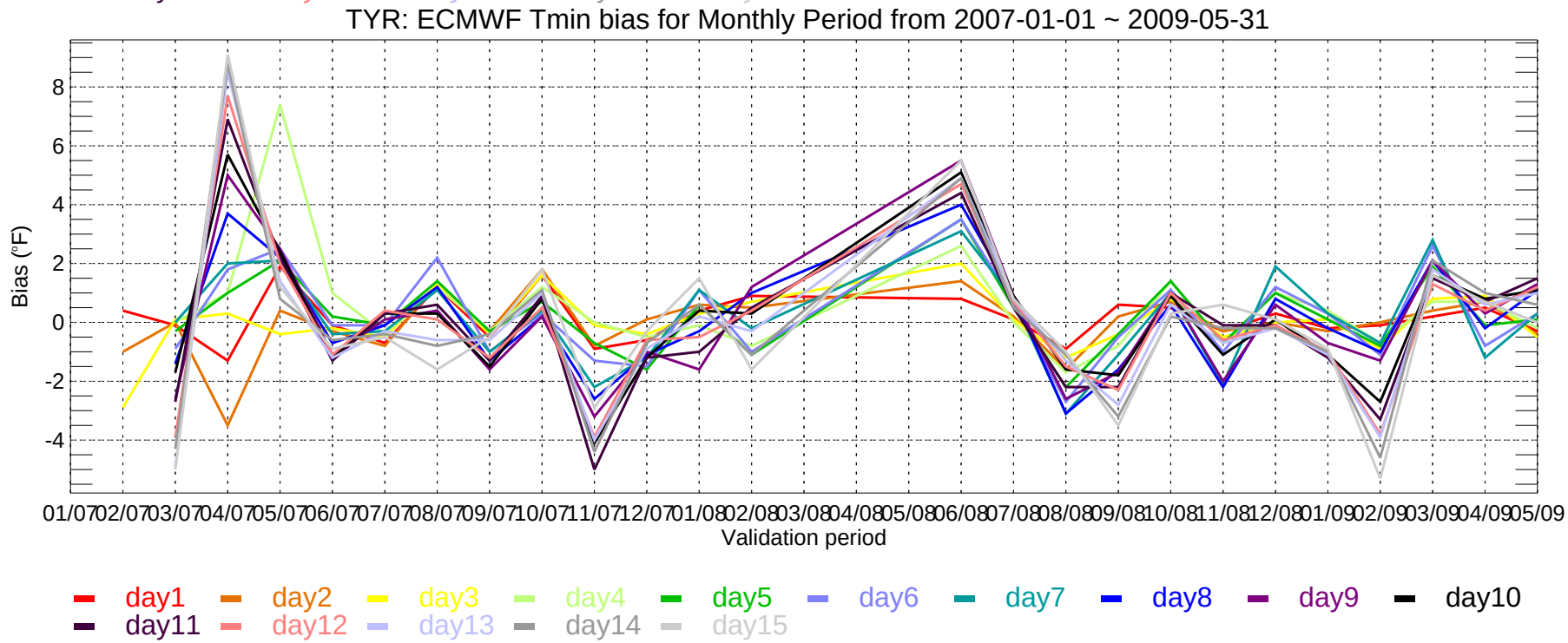

TUS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

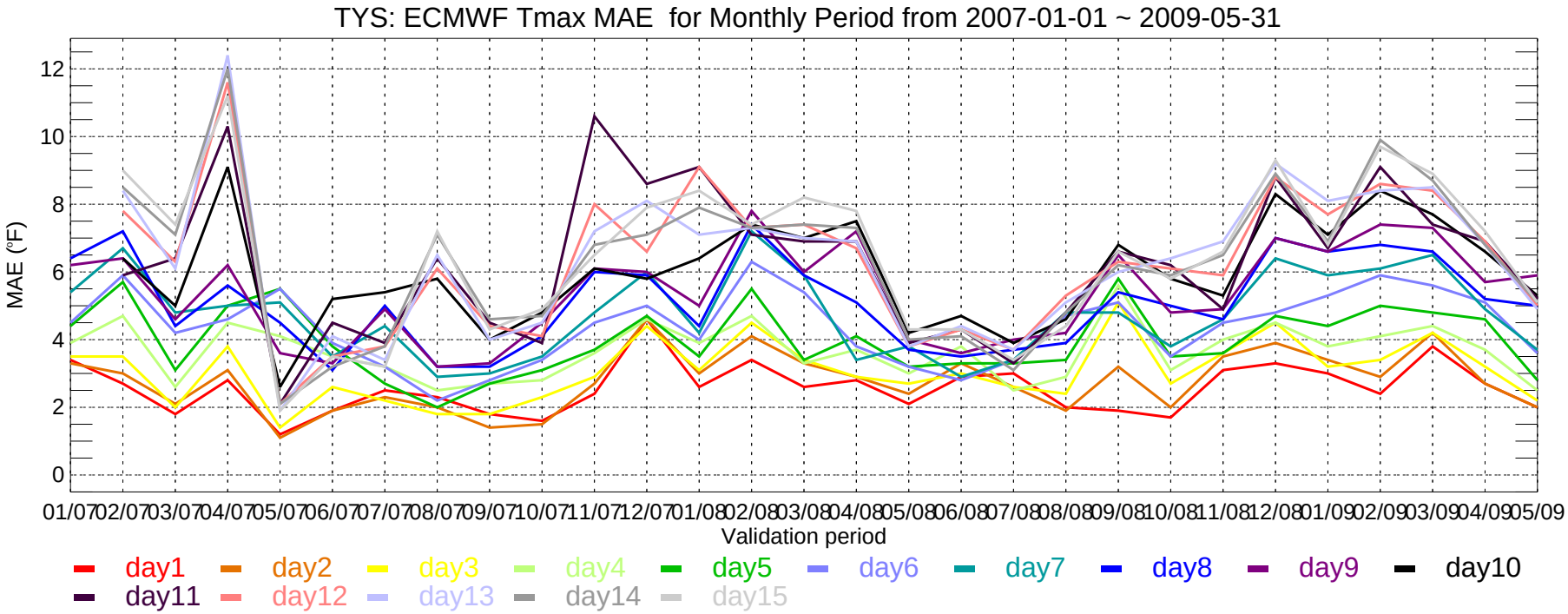

TUS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

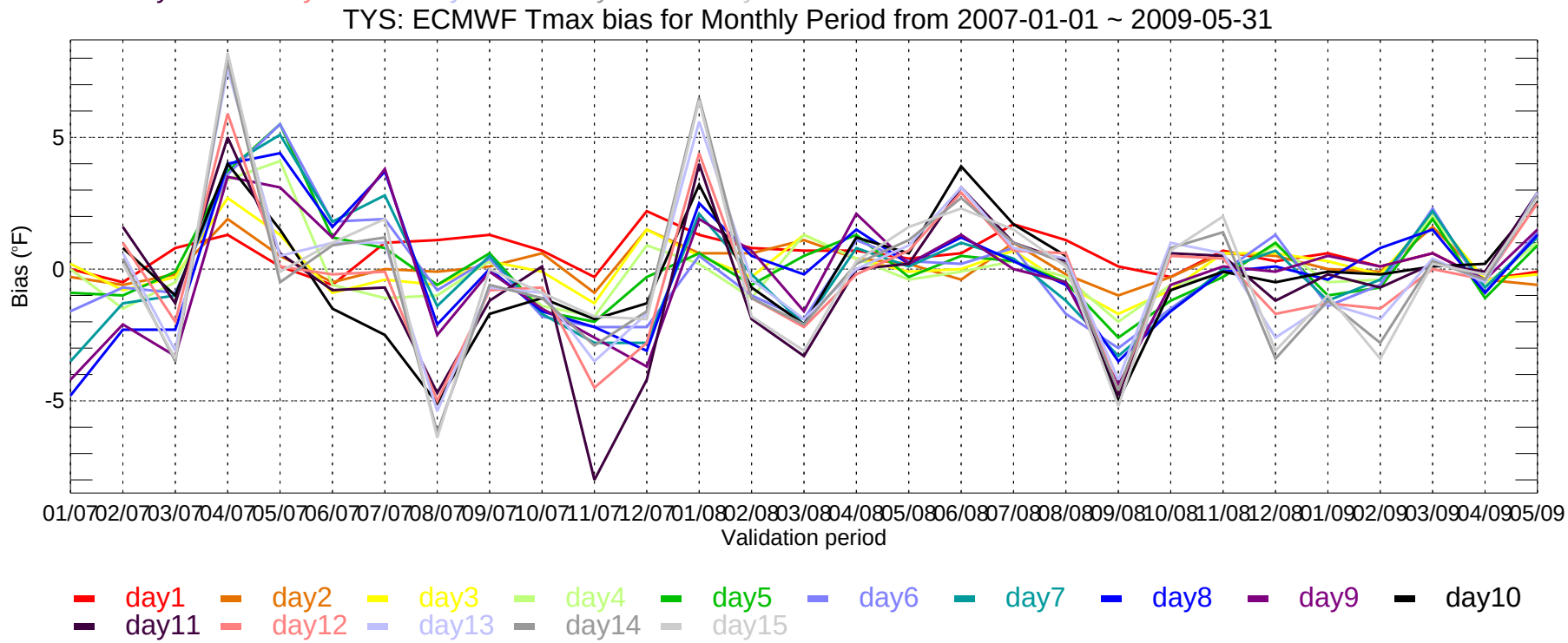

TYR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

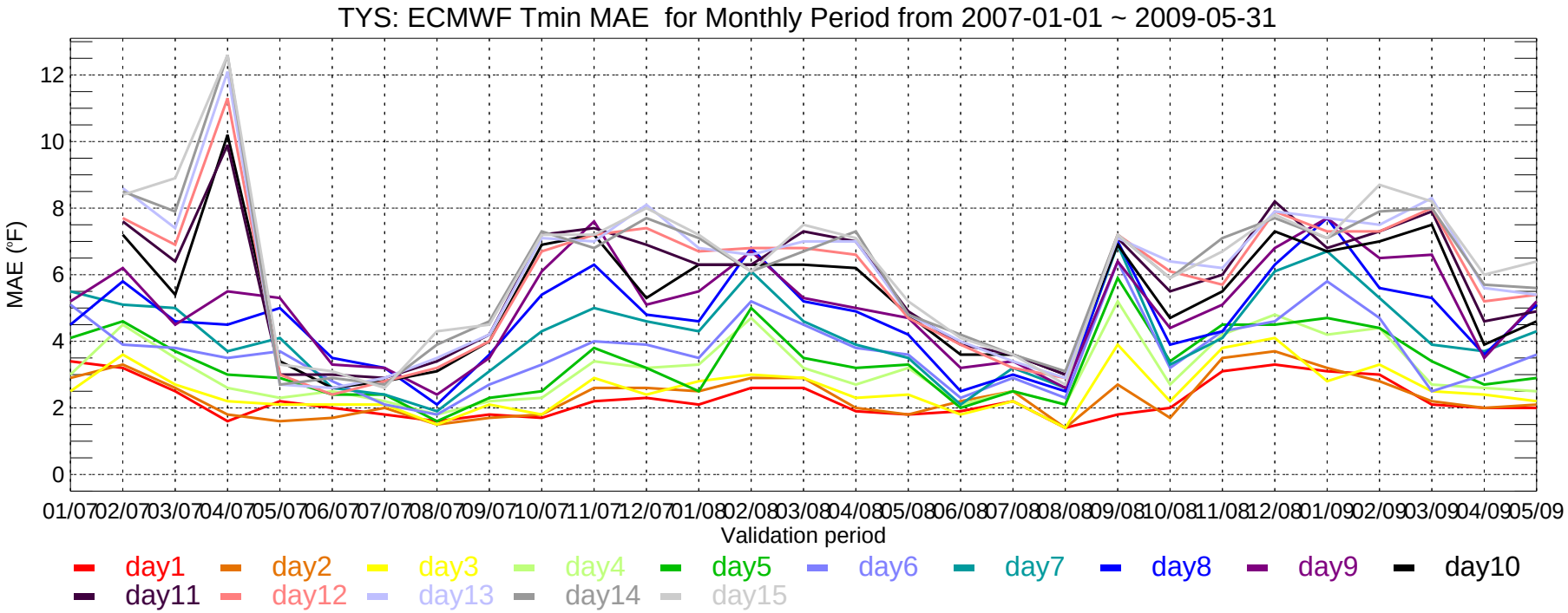

TYR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

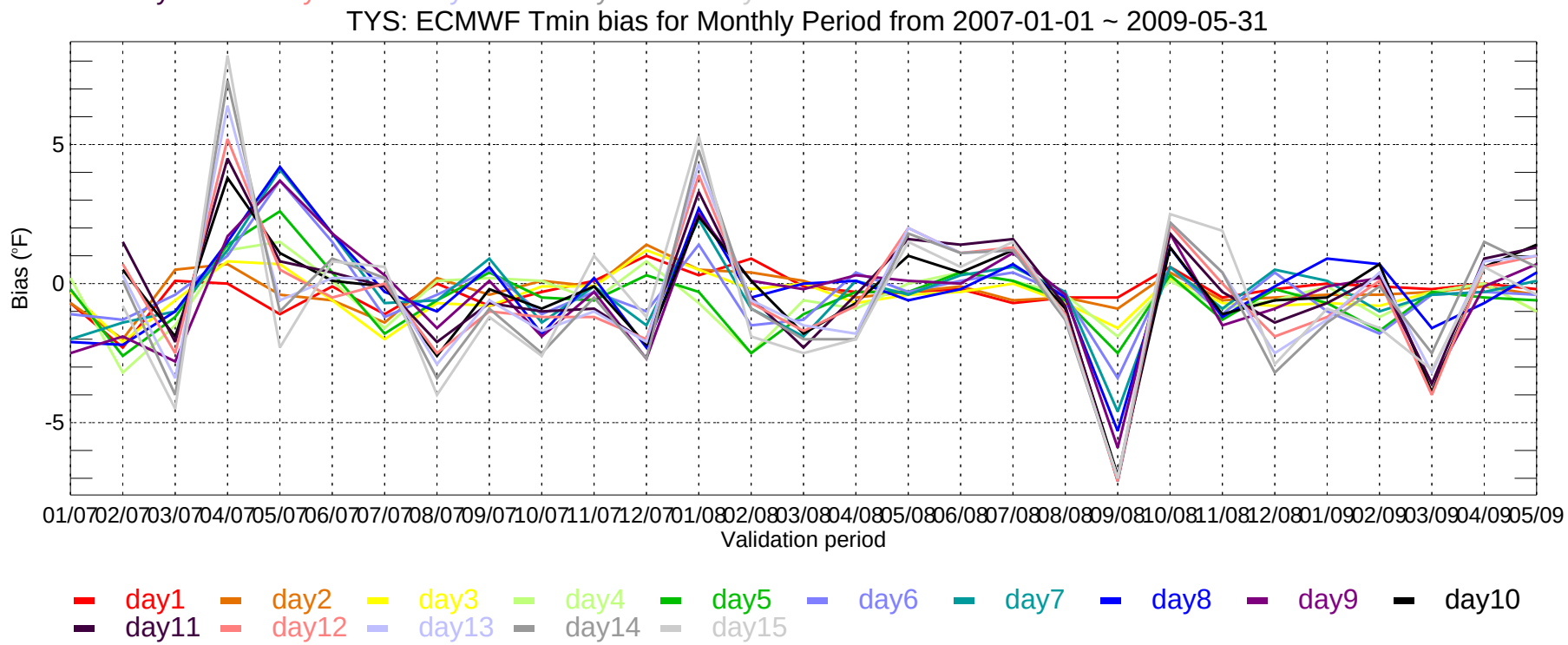

TYR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

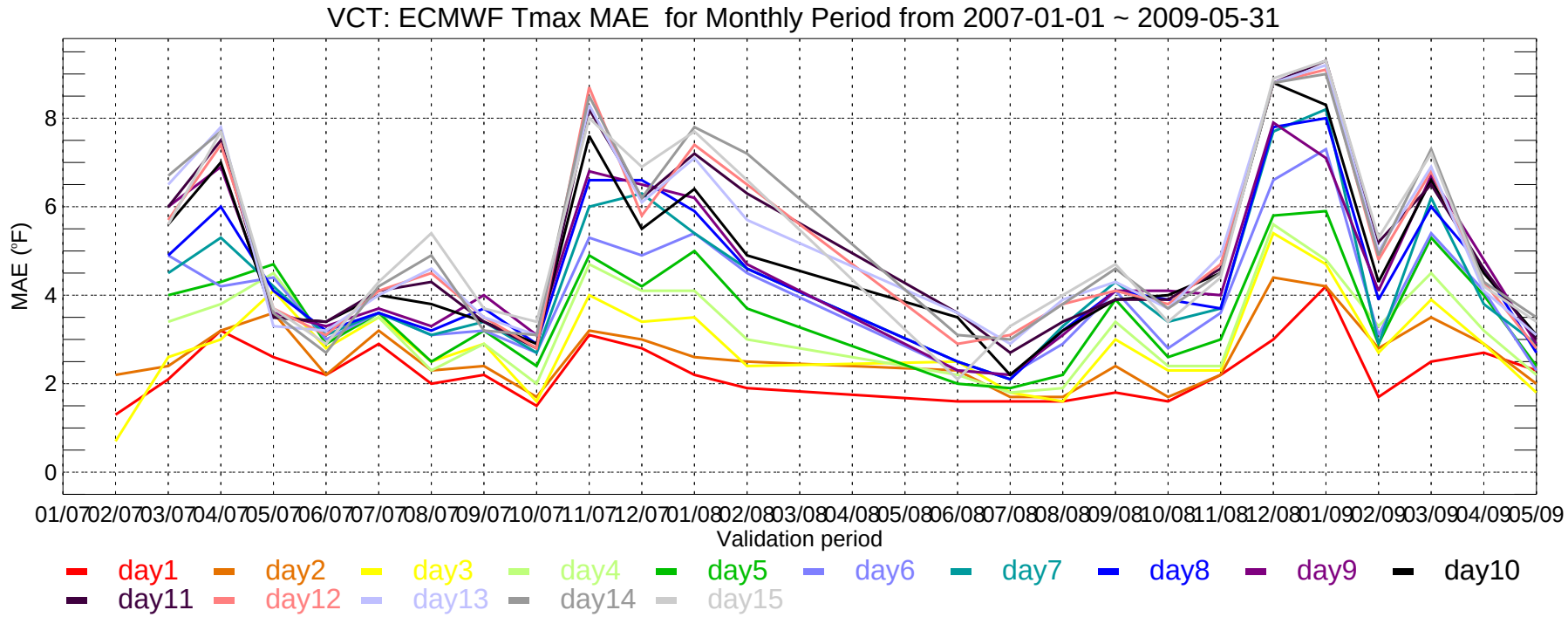

TYR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
8
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

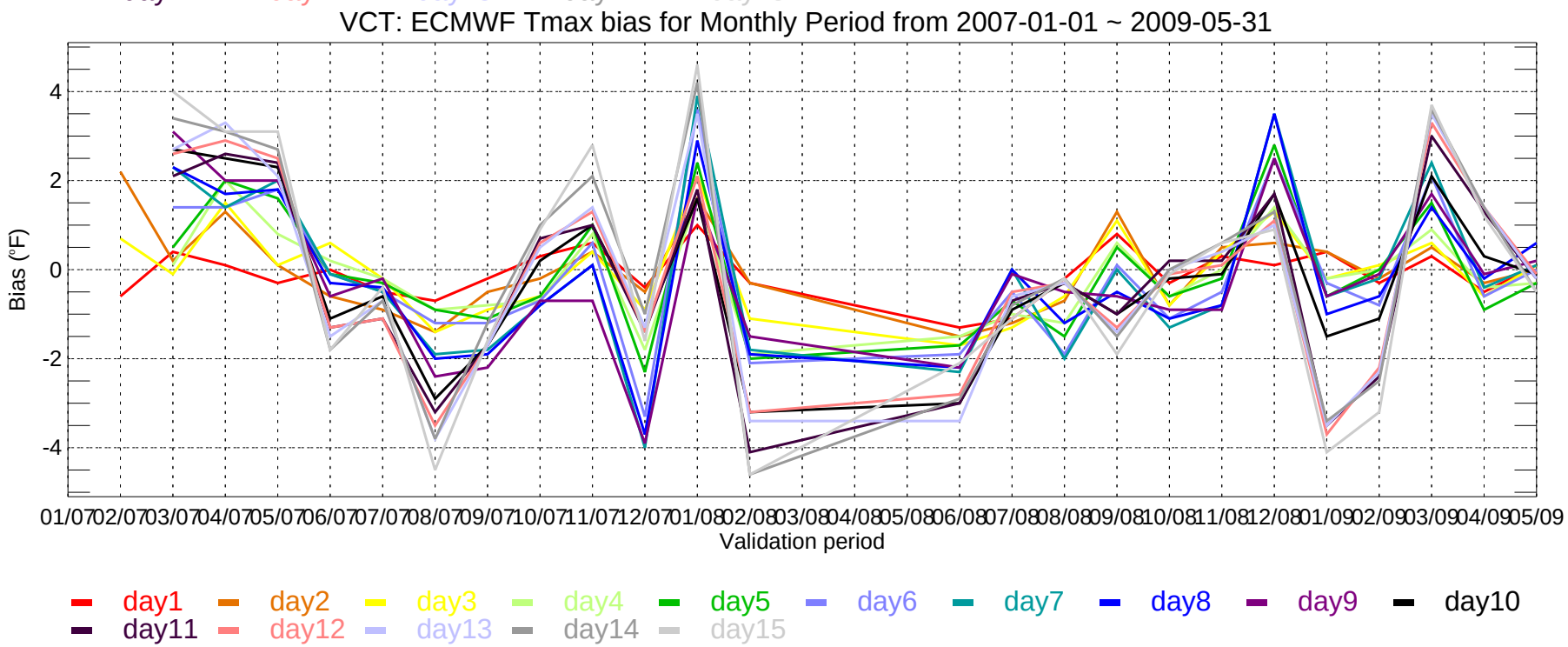

TYS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

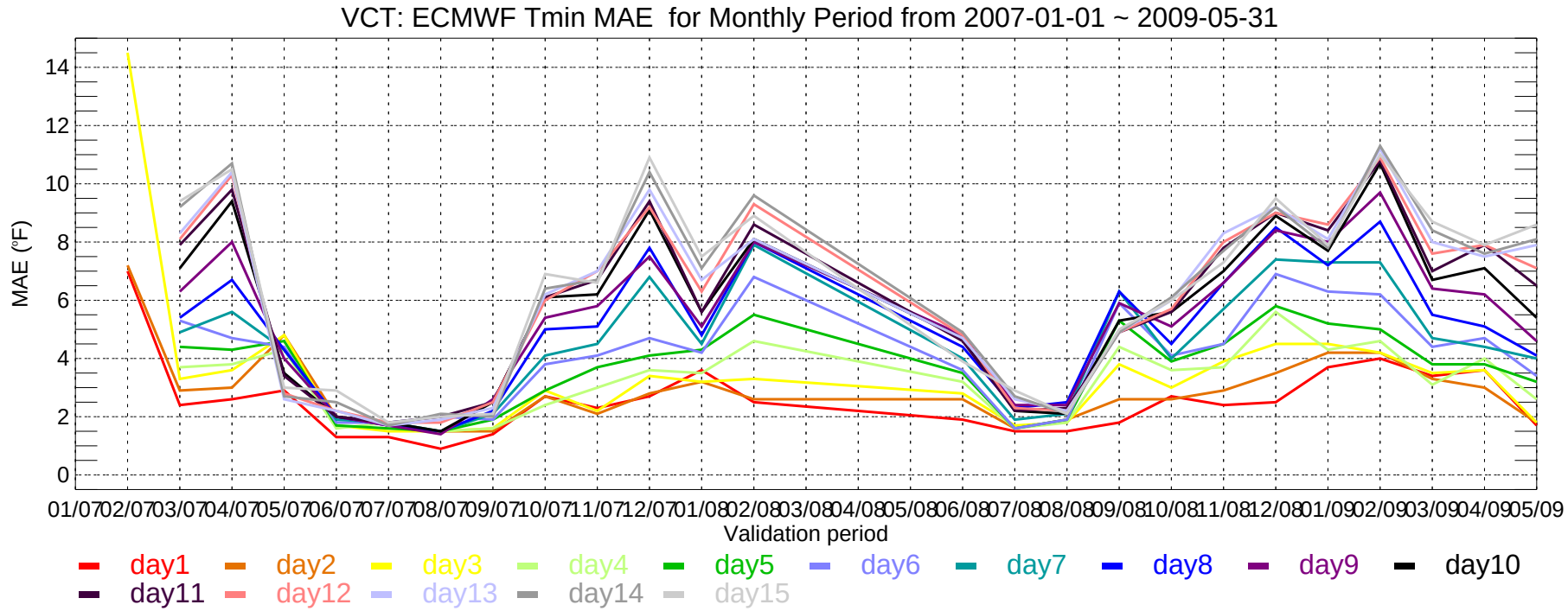

TYS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

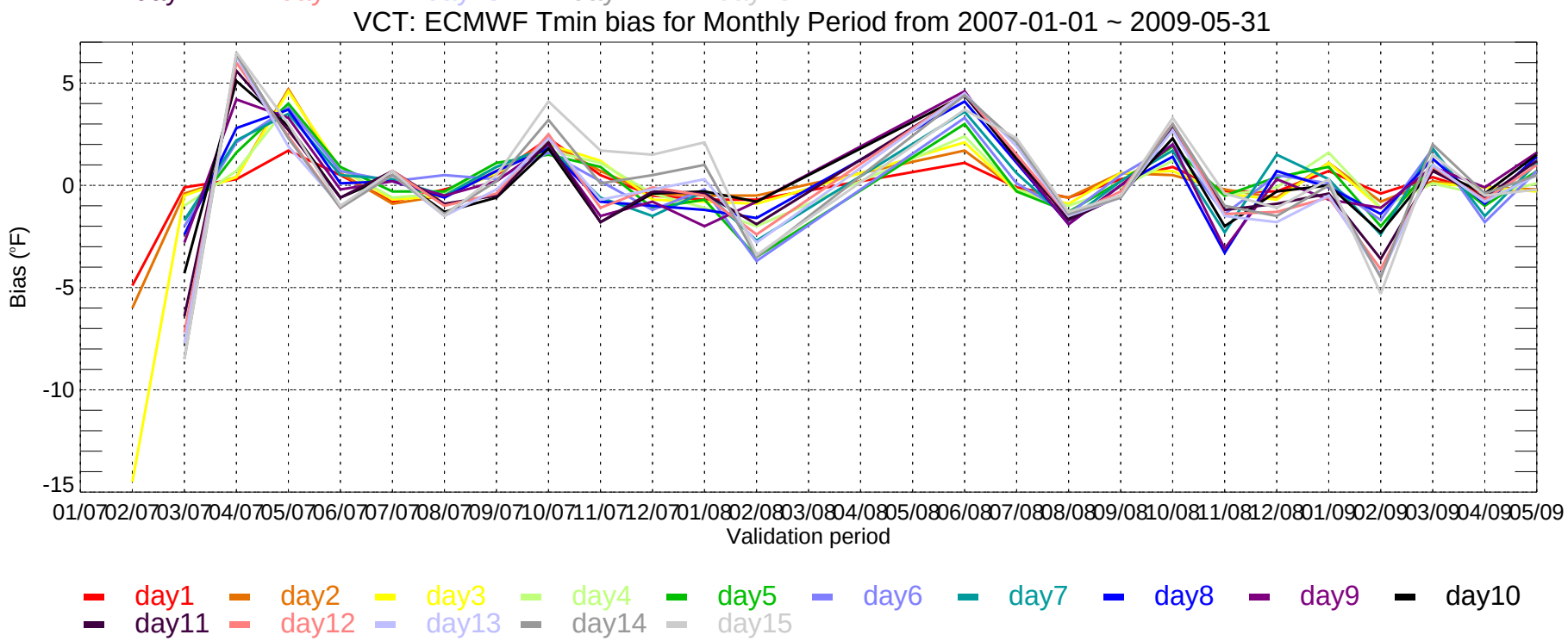

TYS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

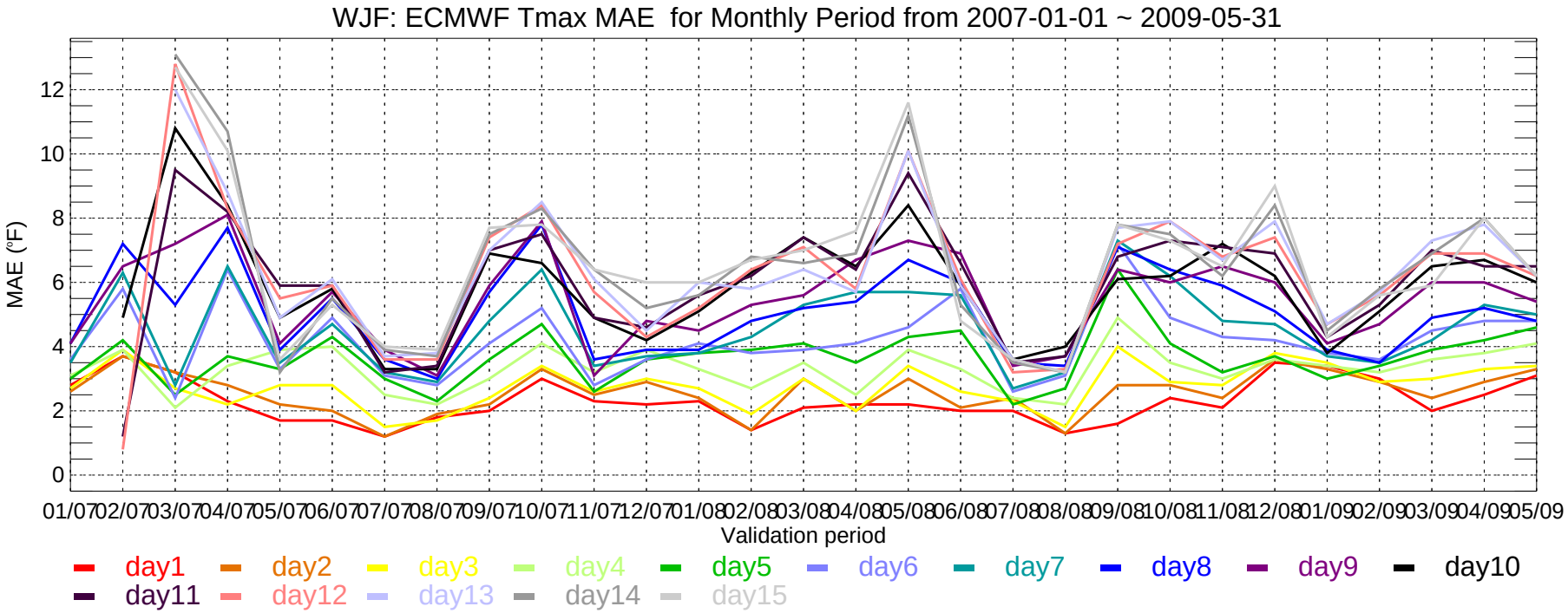

TYS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

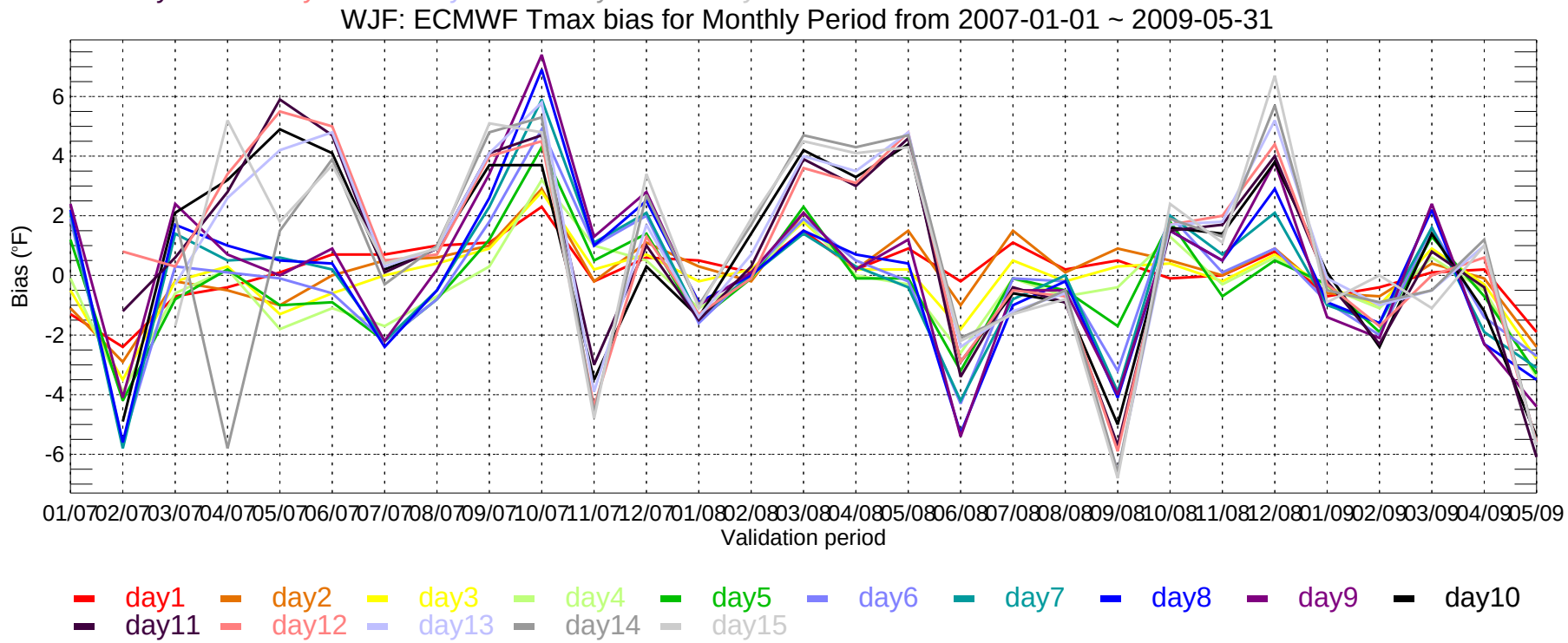

VCT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

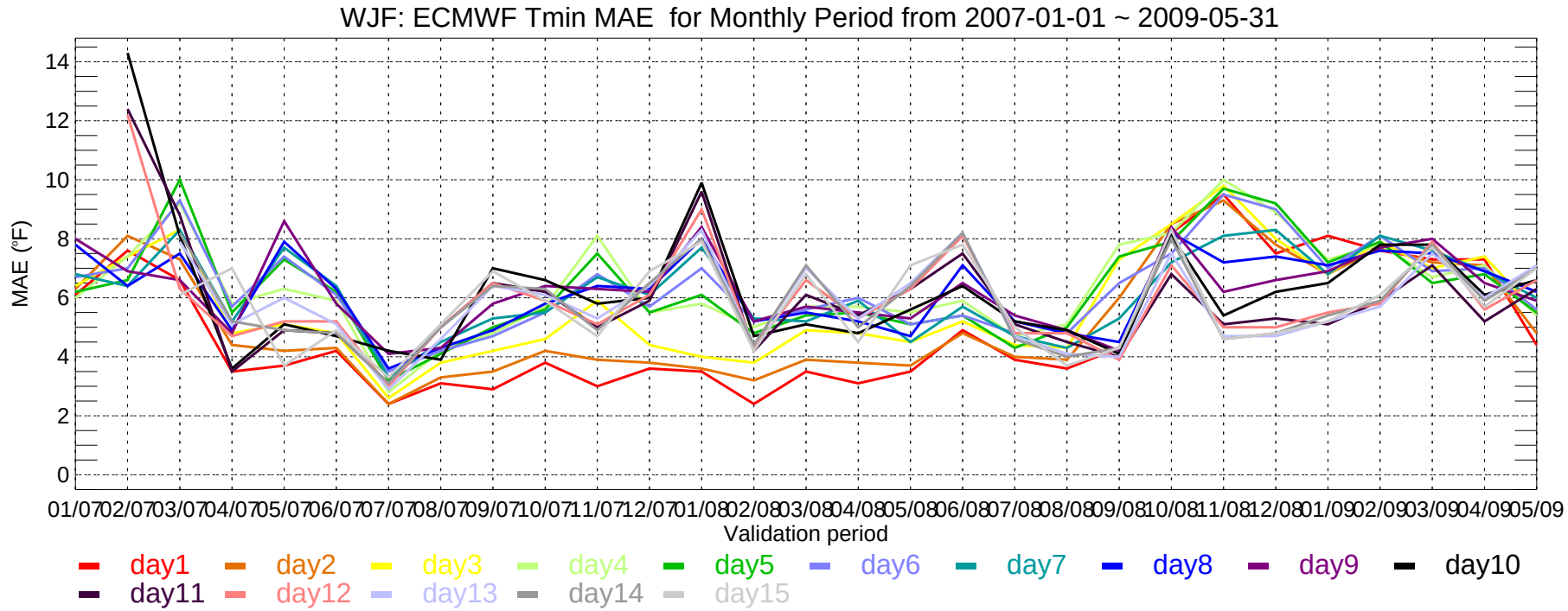

VCT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

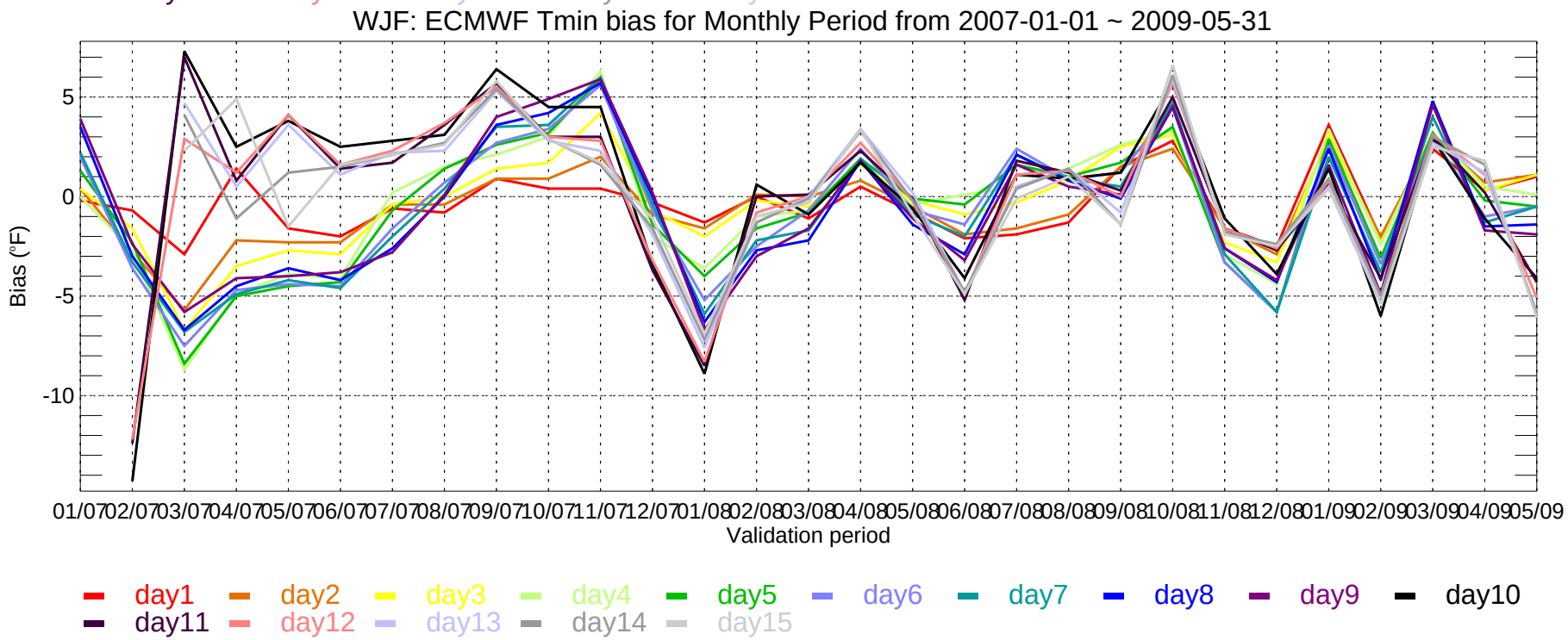

VCT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

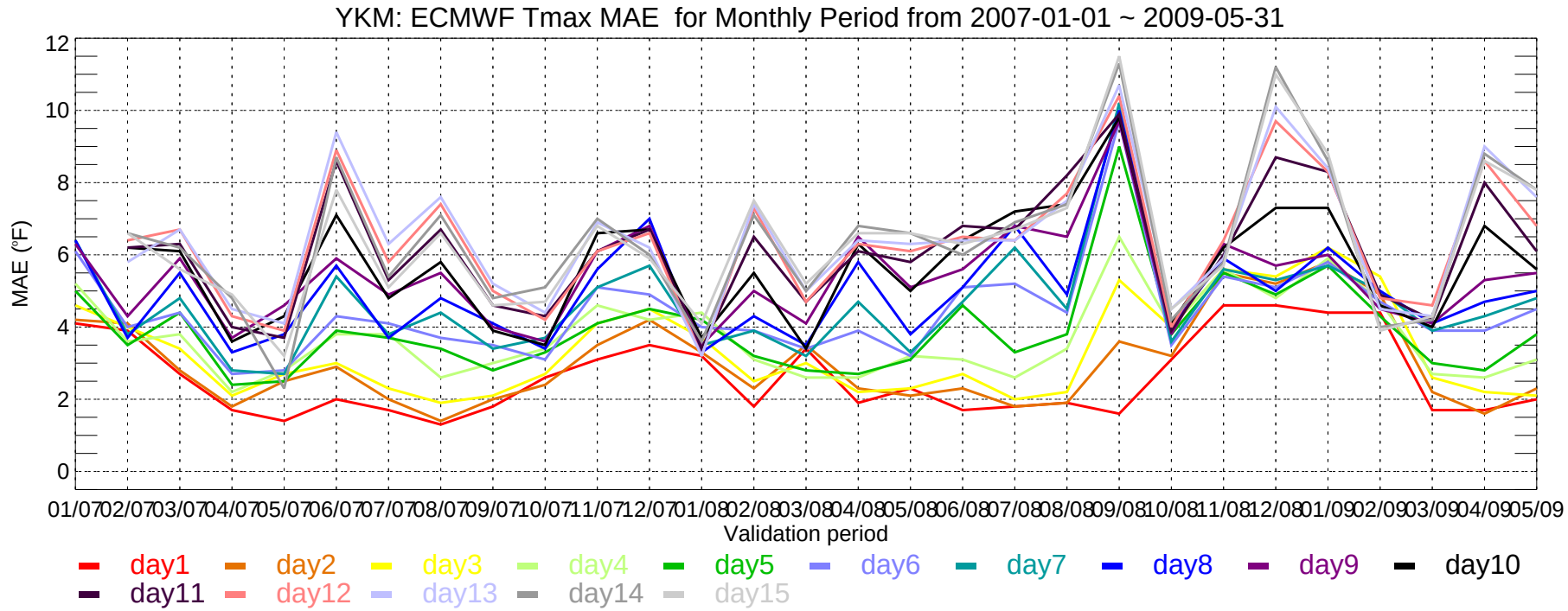

VCT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

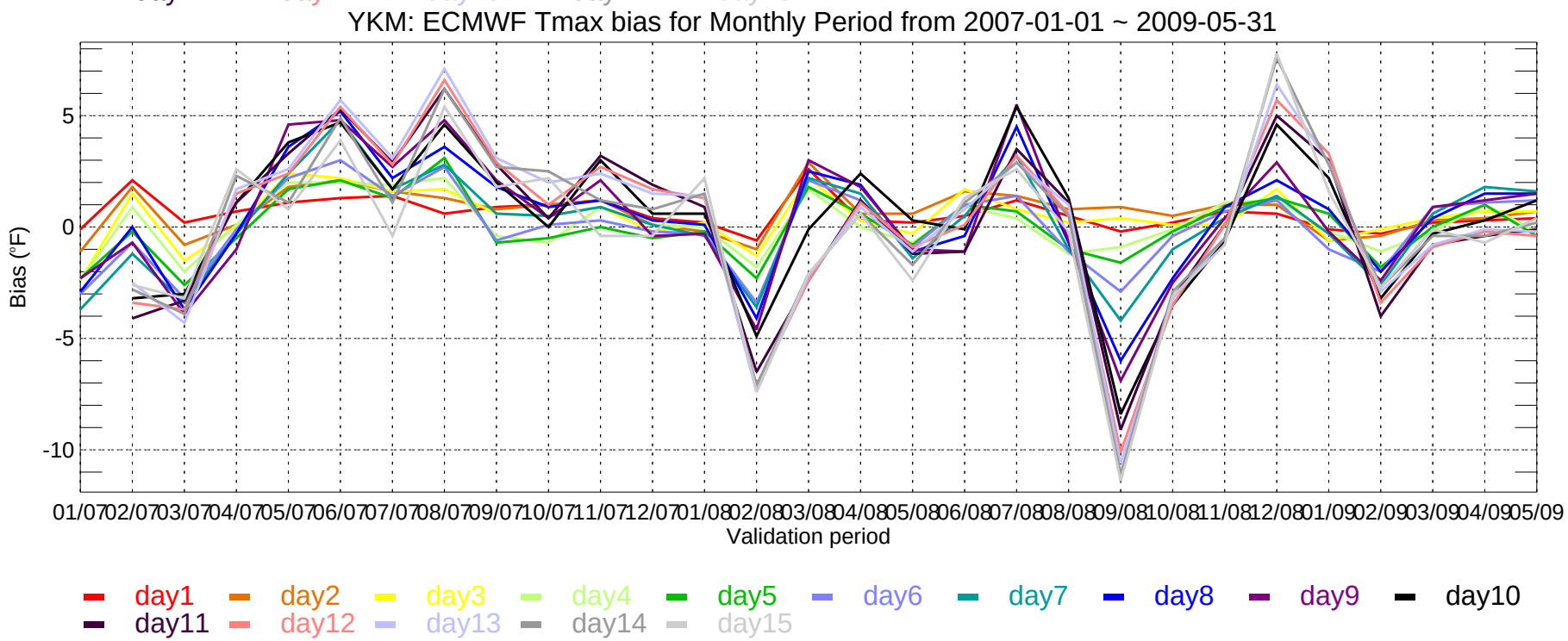

WJF: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

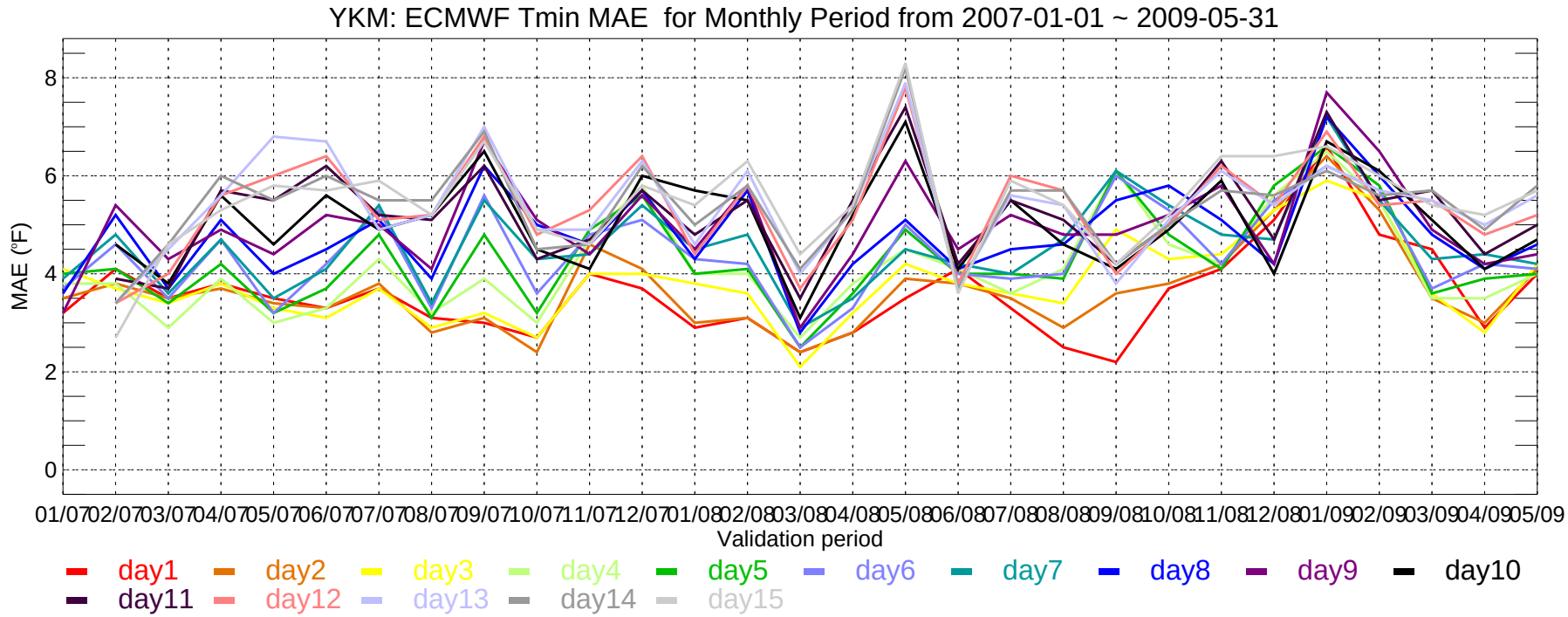

WJF: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

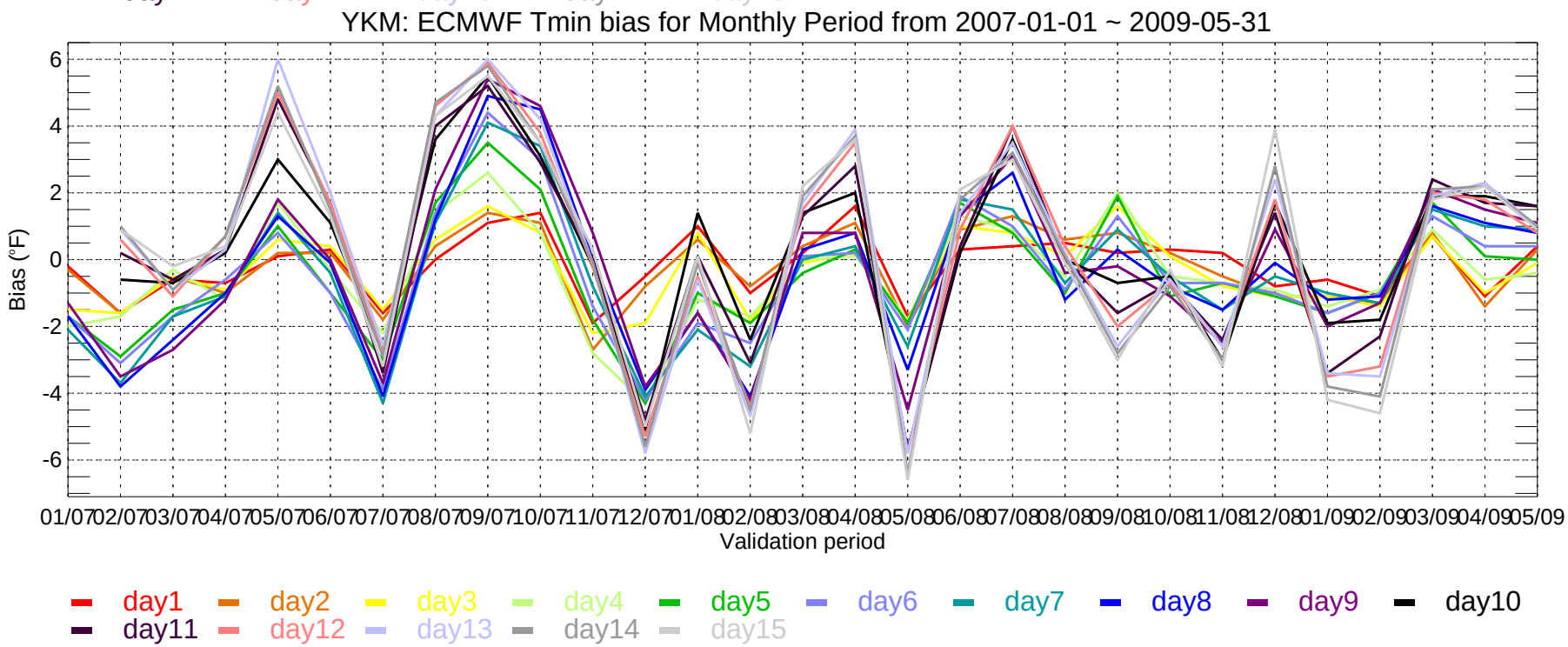

WJF: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

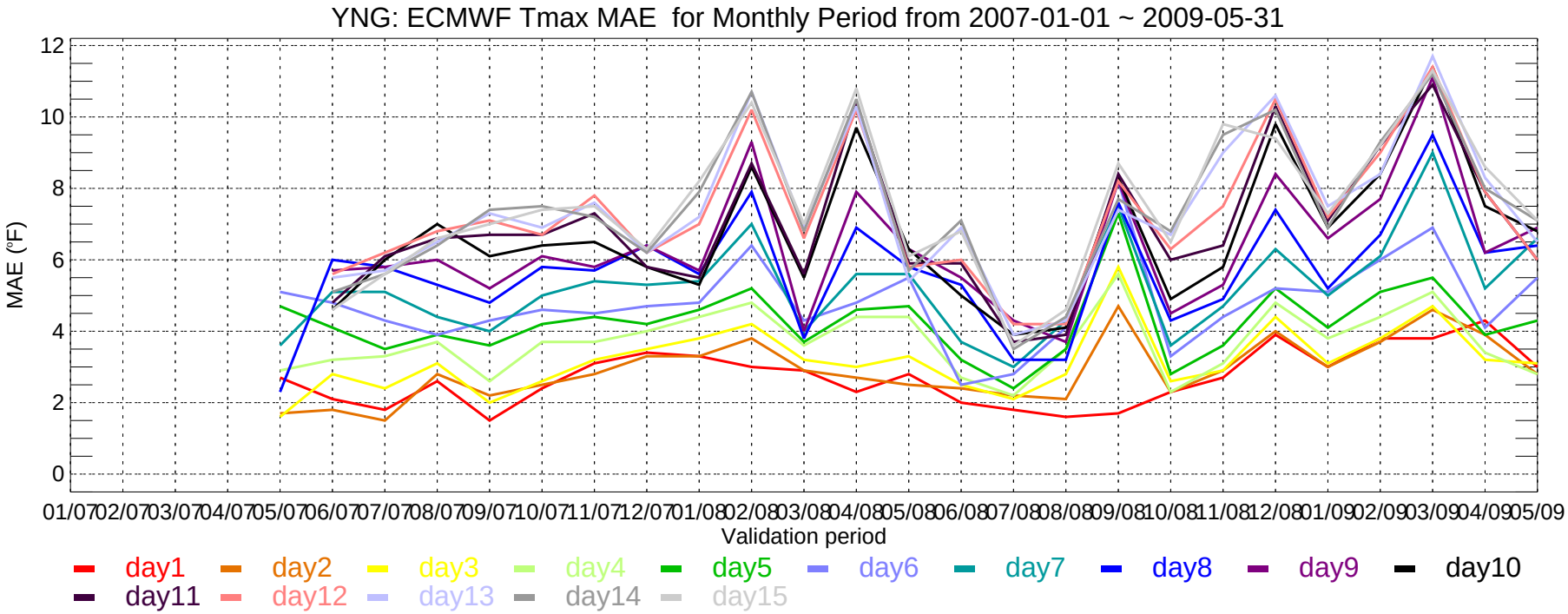

WJF: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

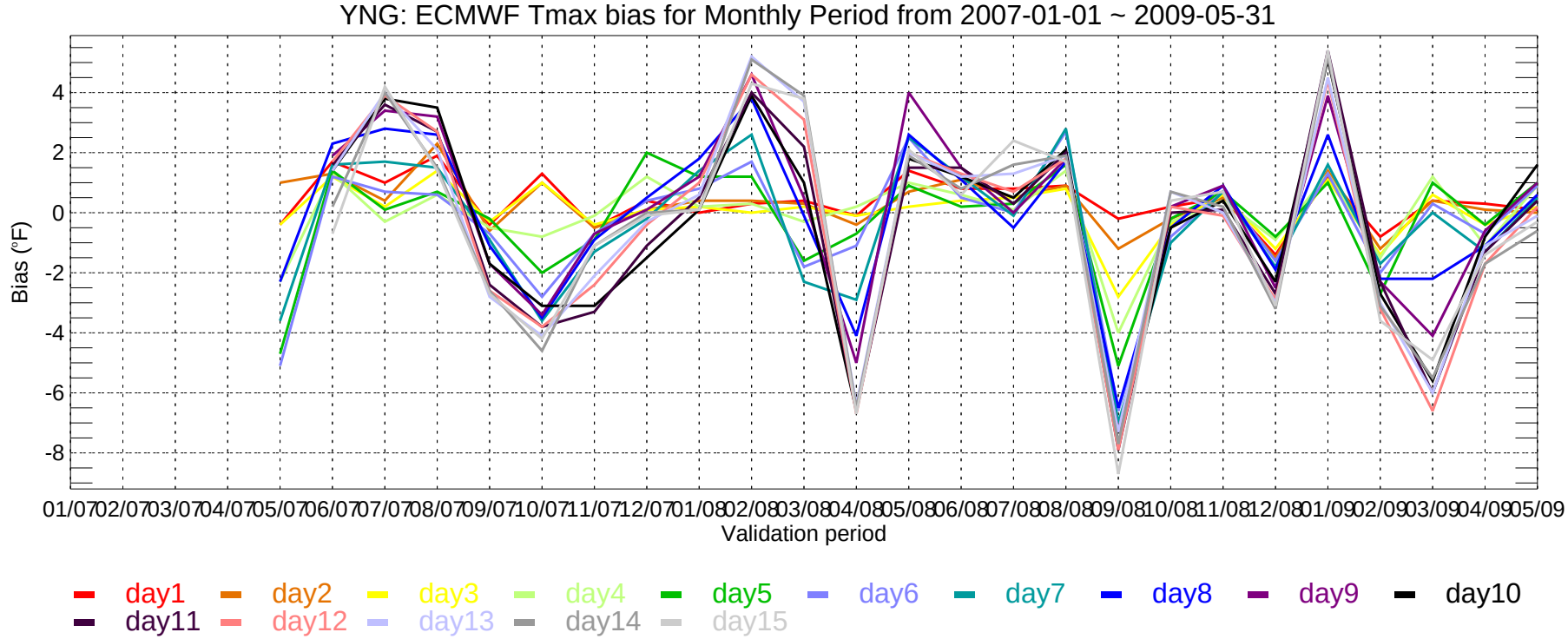

YKM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

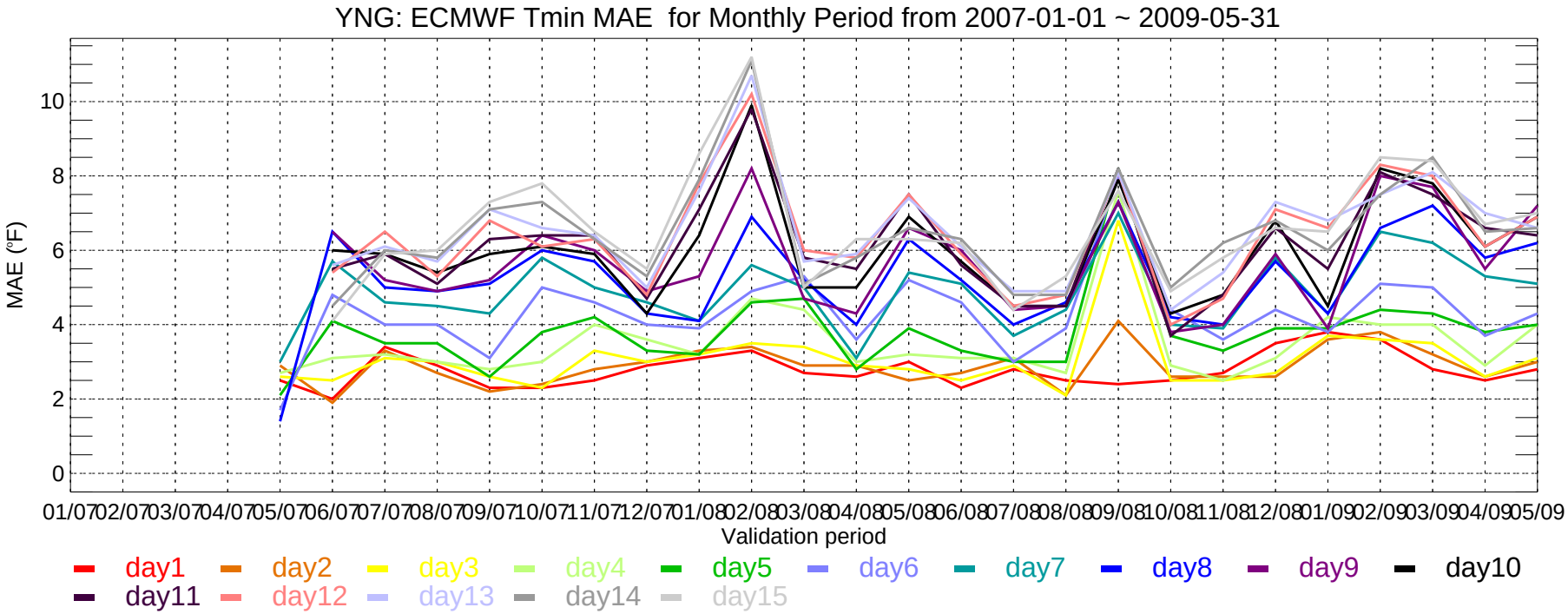

YKM: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

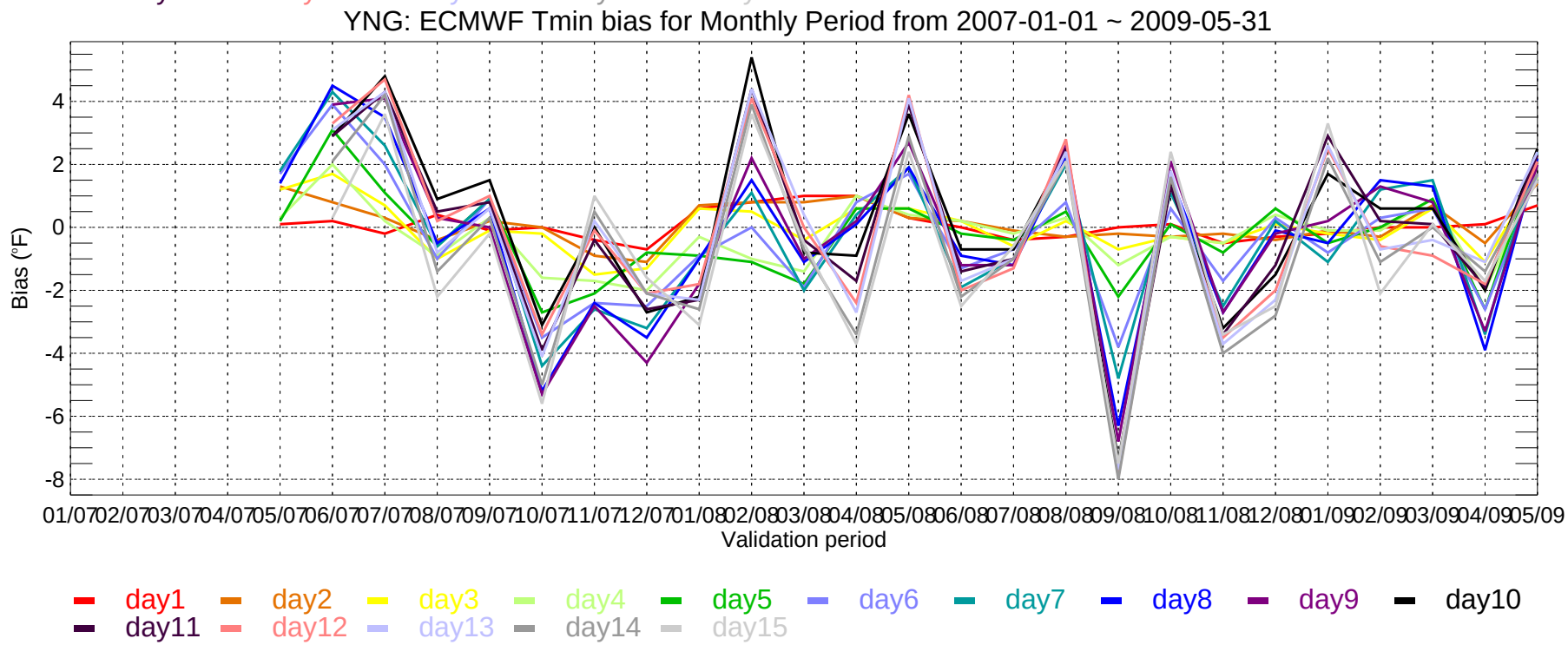

YKM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

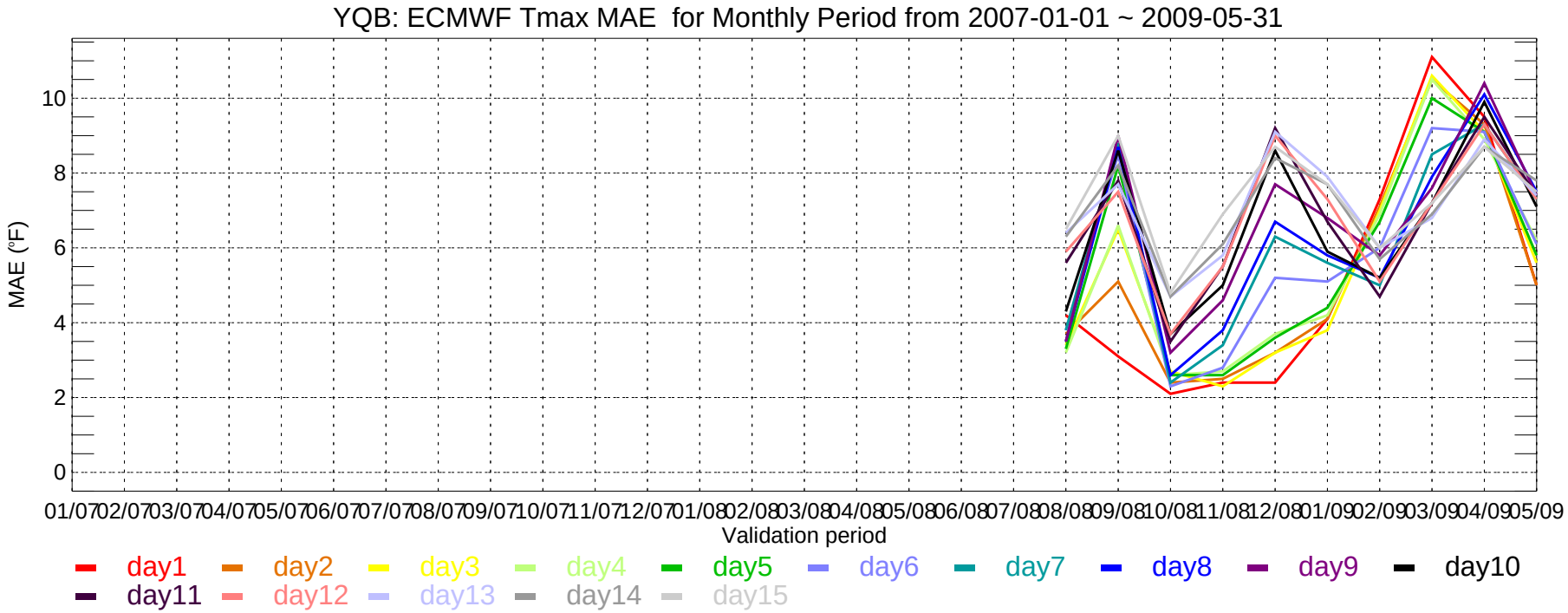

YKM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

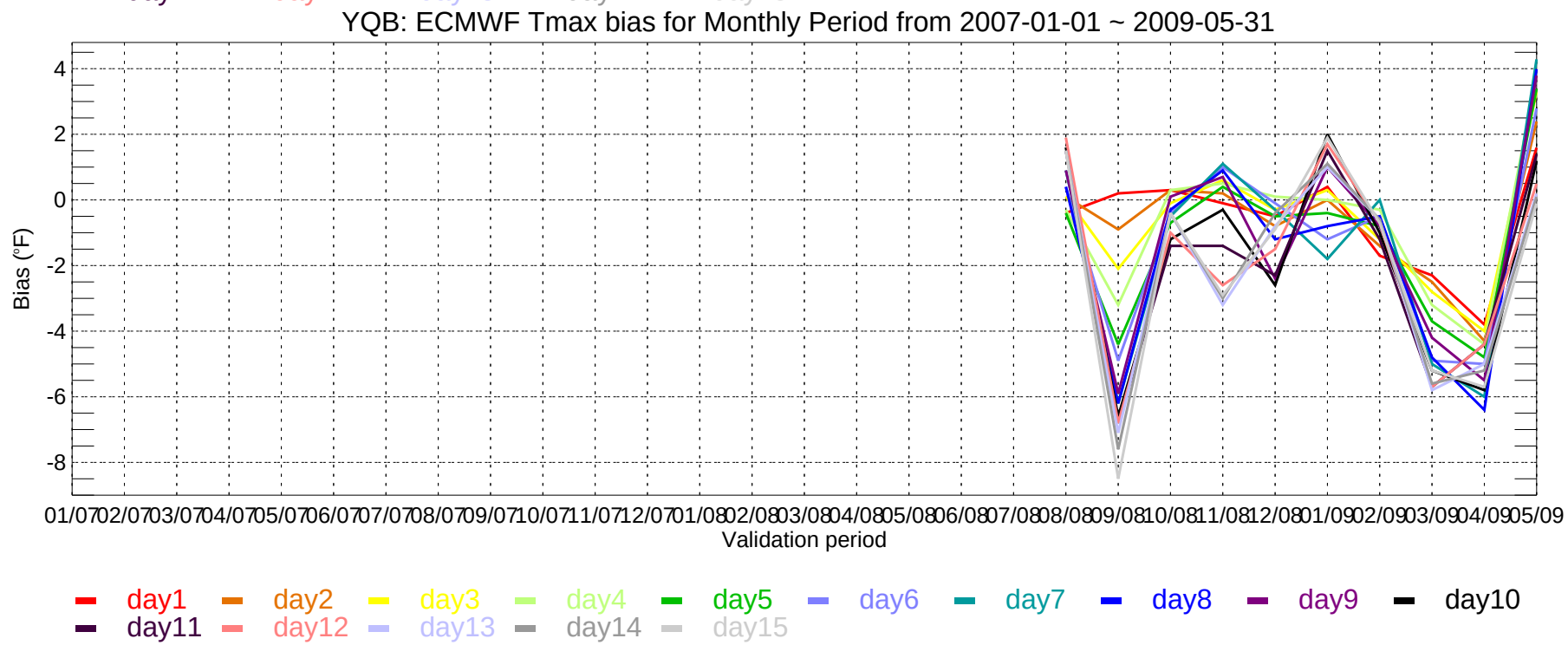

YNG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

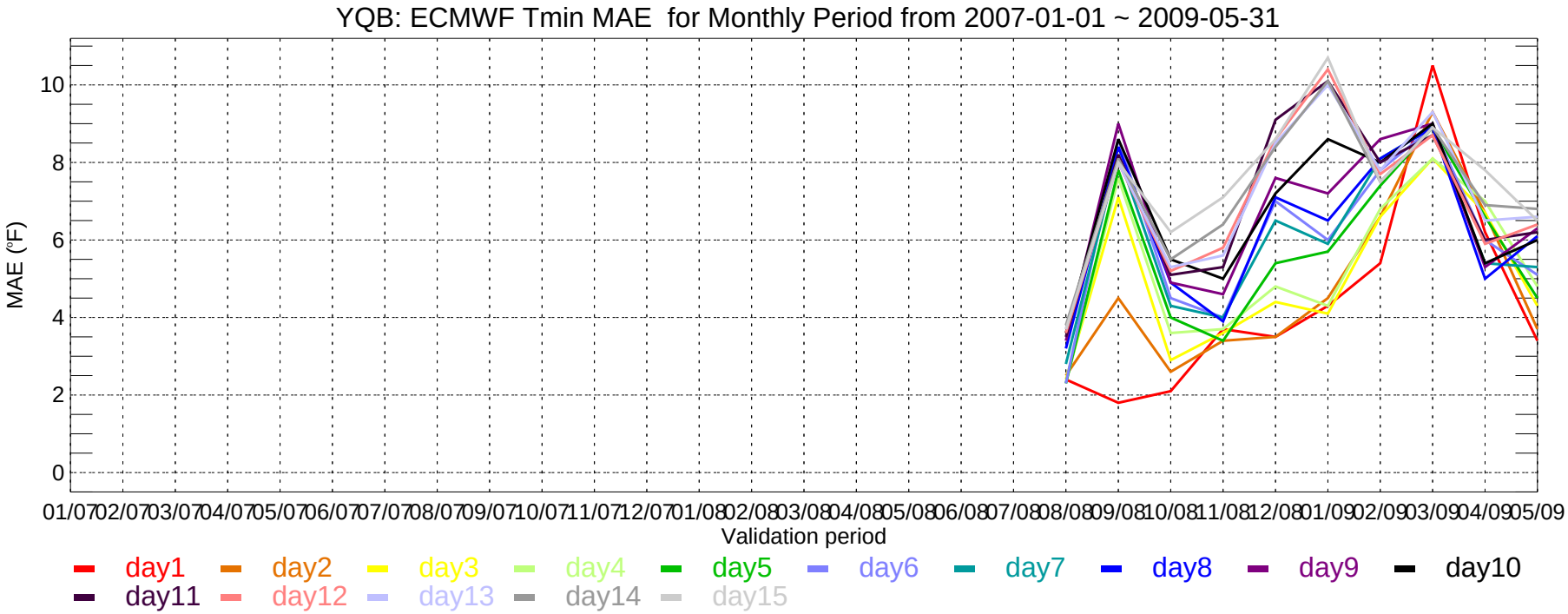

YNG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

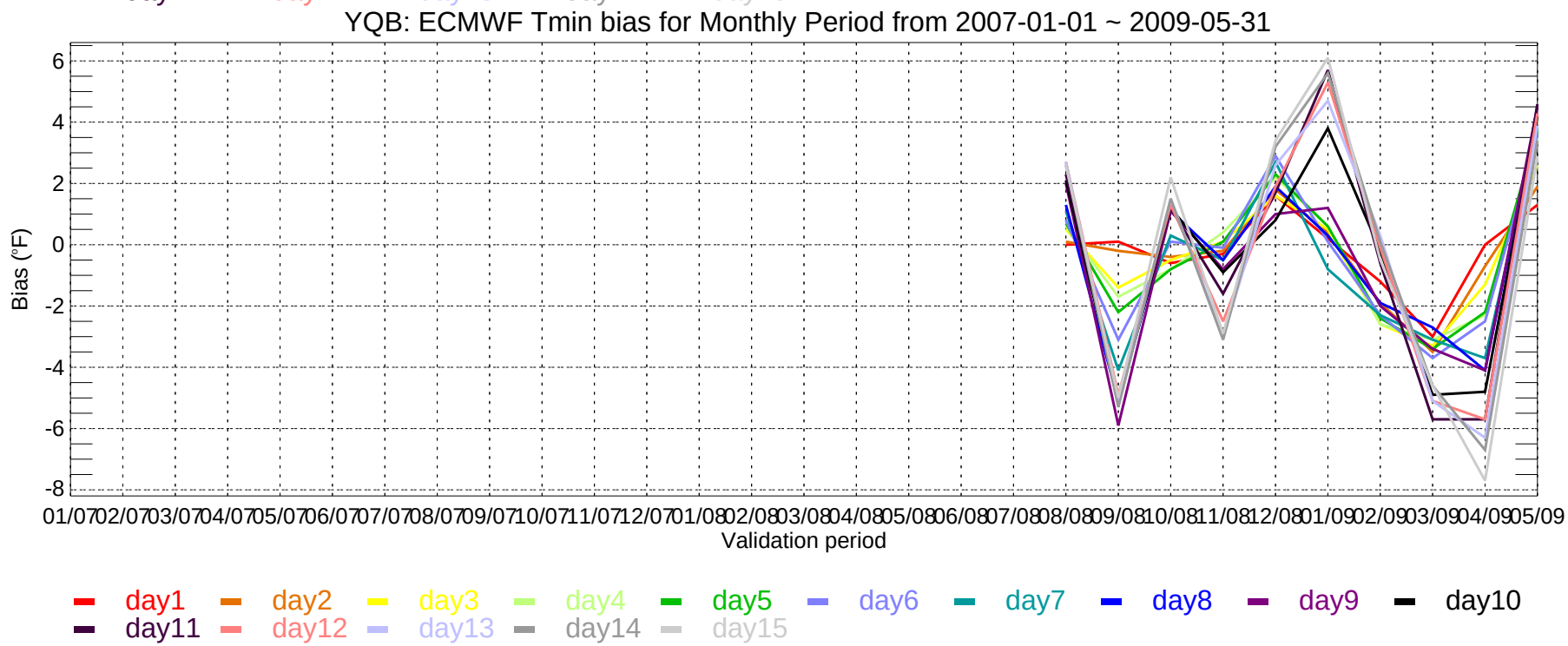

YNG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

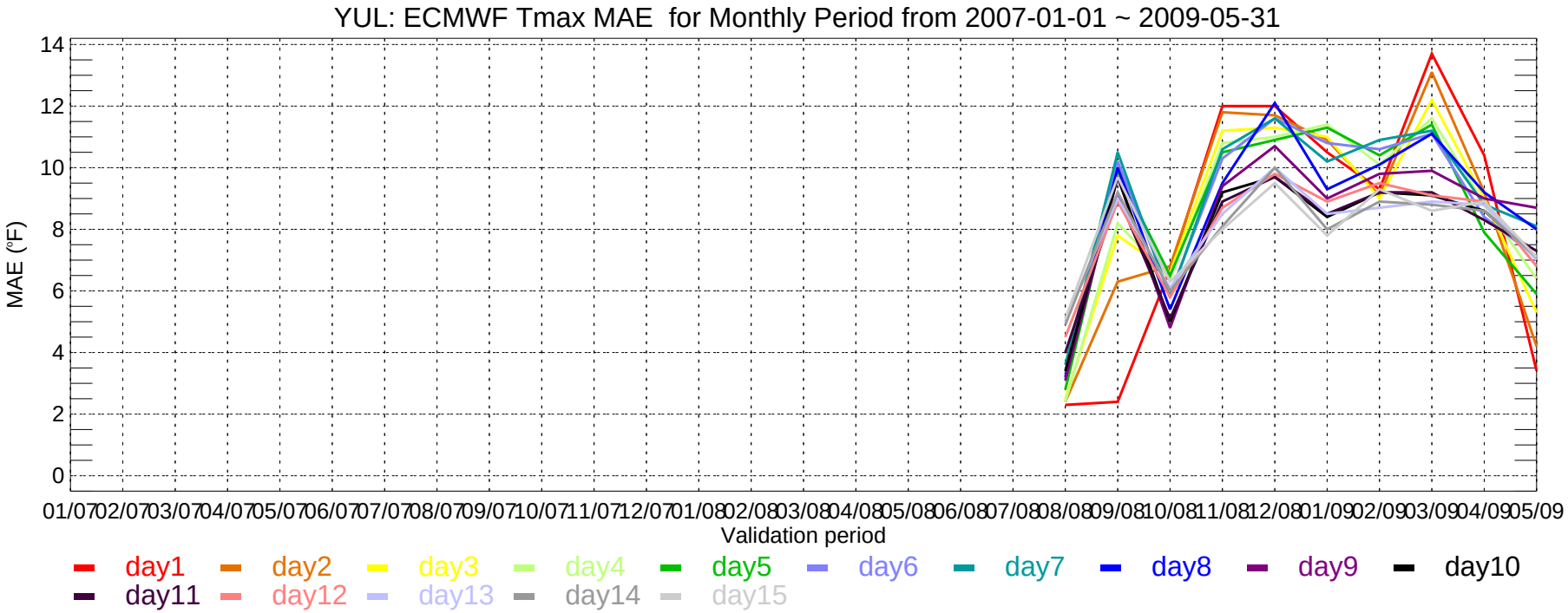

YNG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

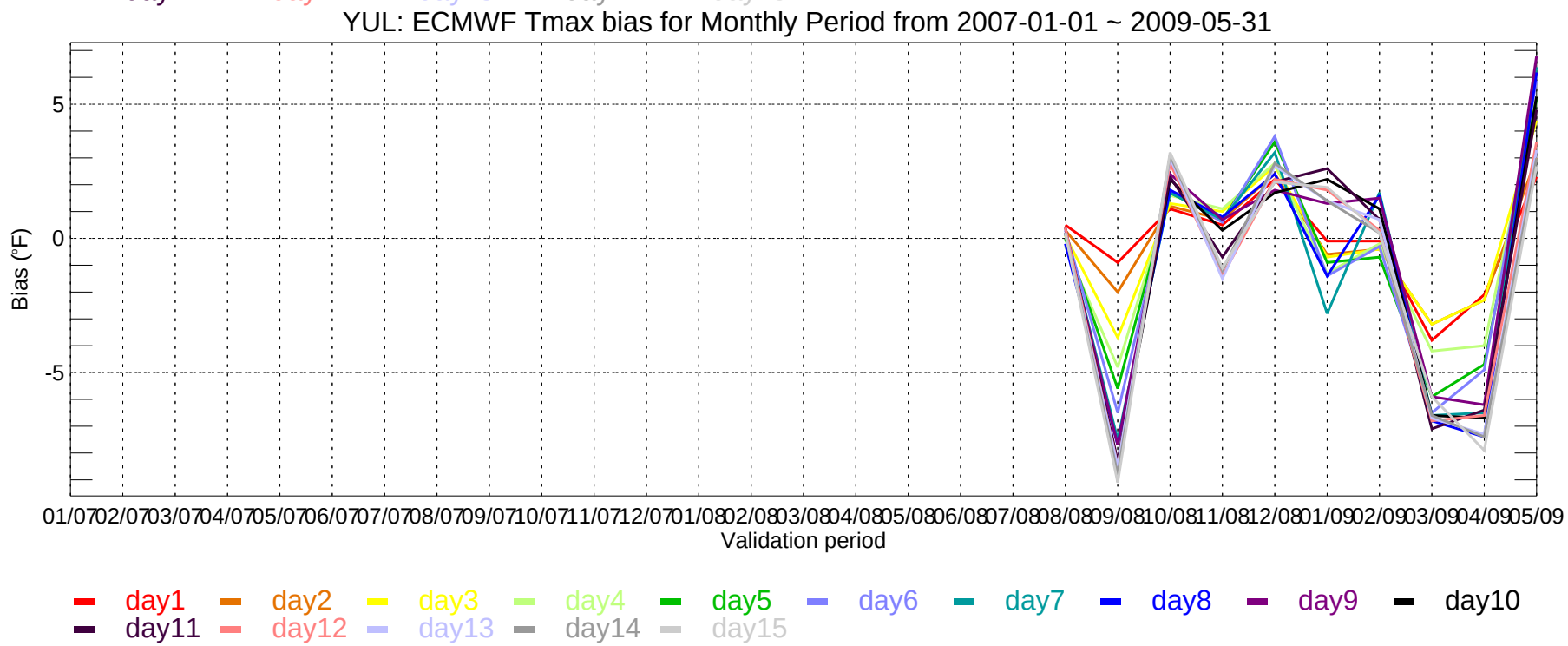

YQB: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

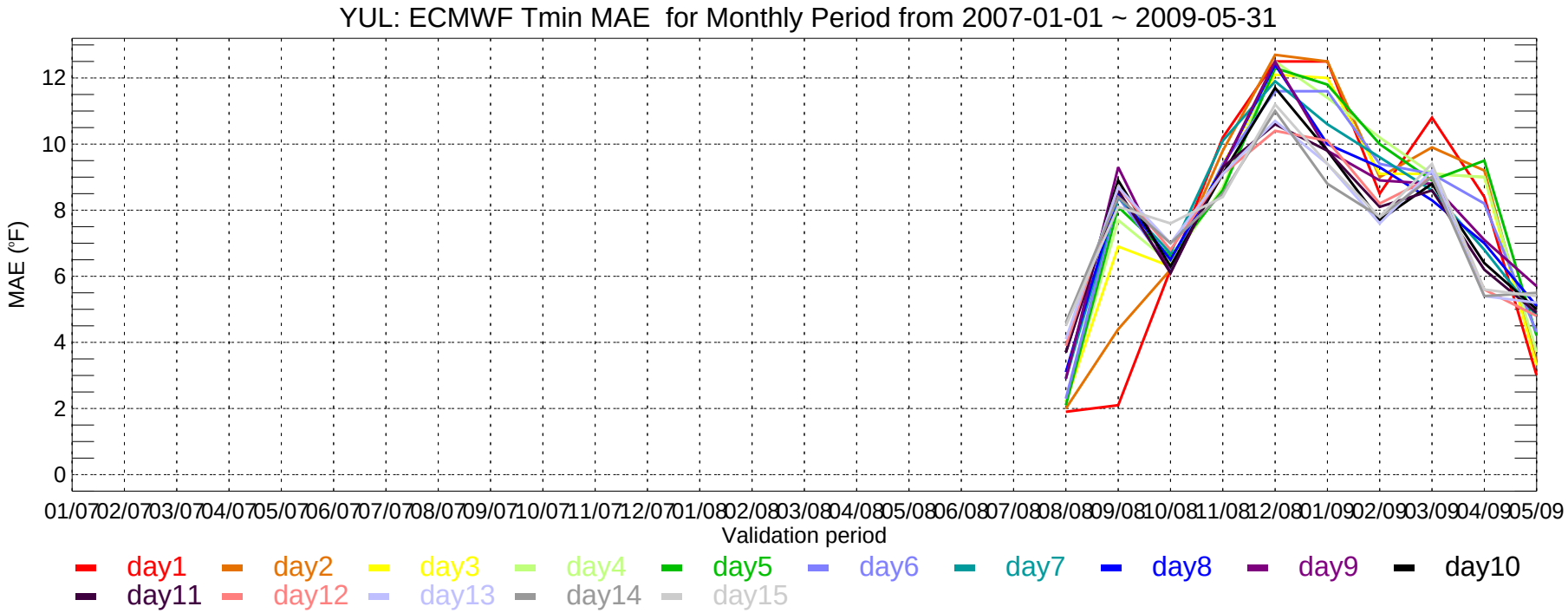

YQB: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

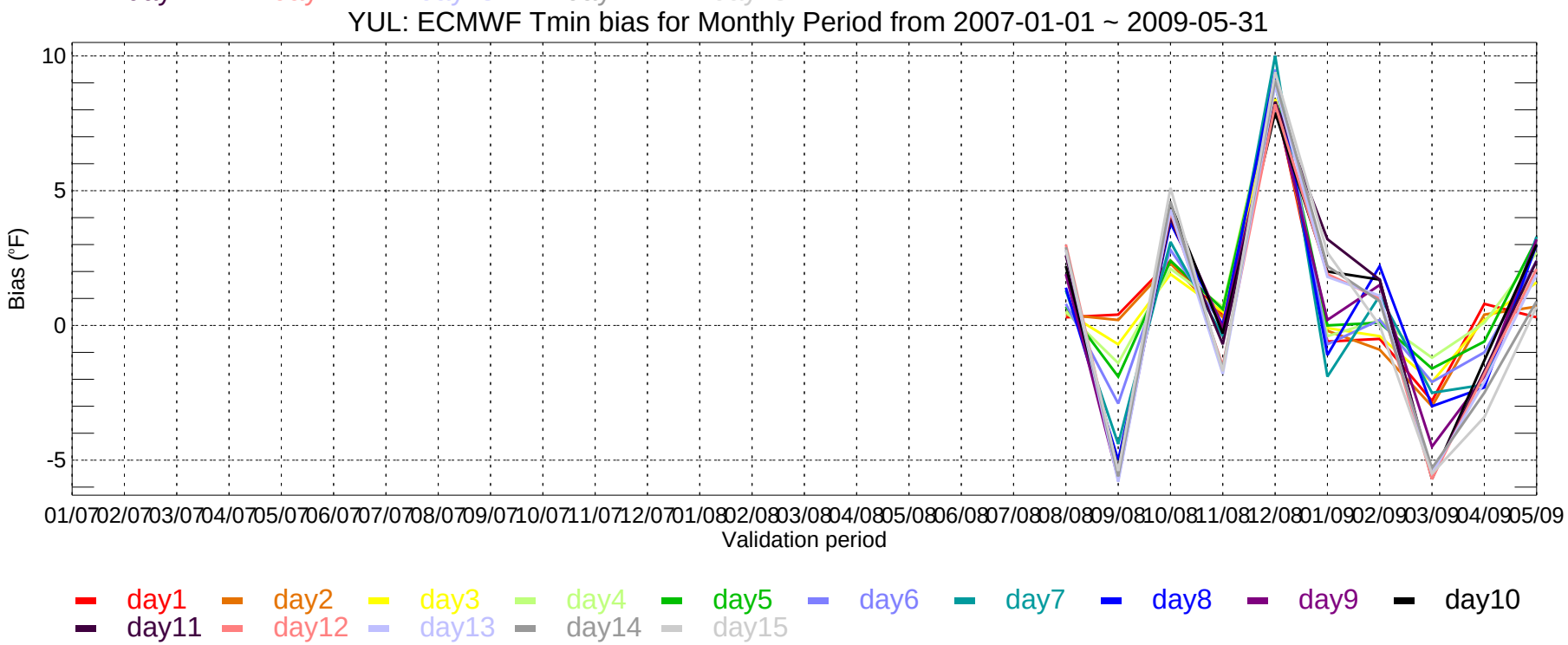

YQB: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

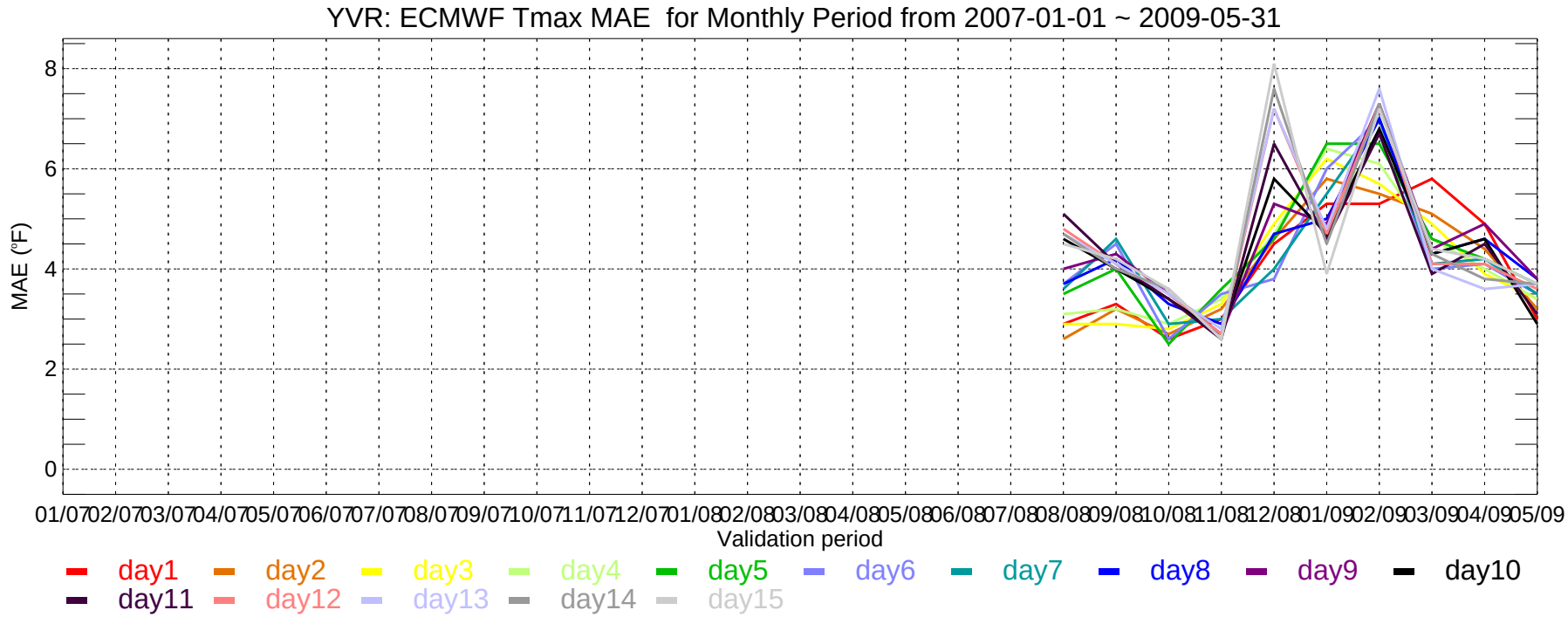

YQB: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

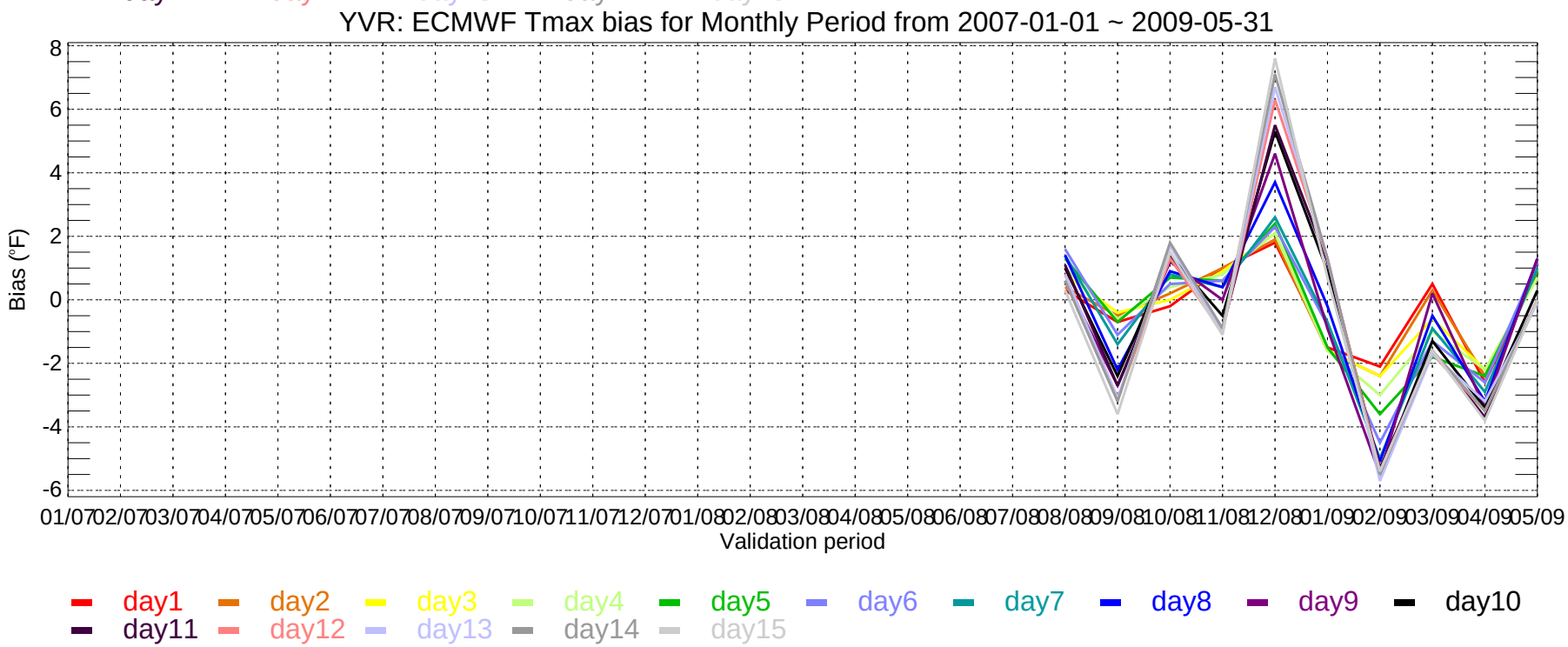

YUL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

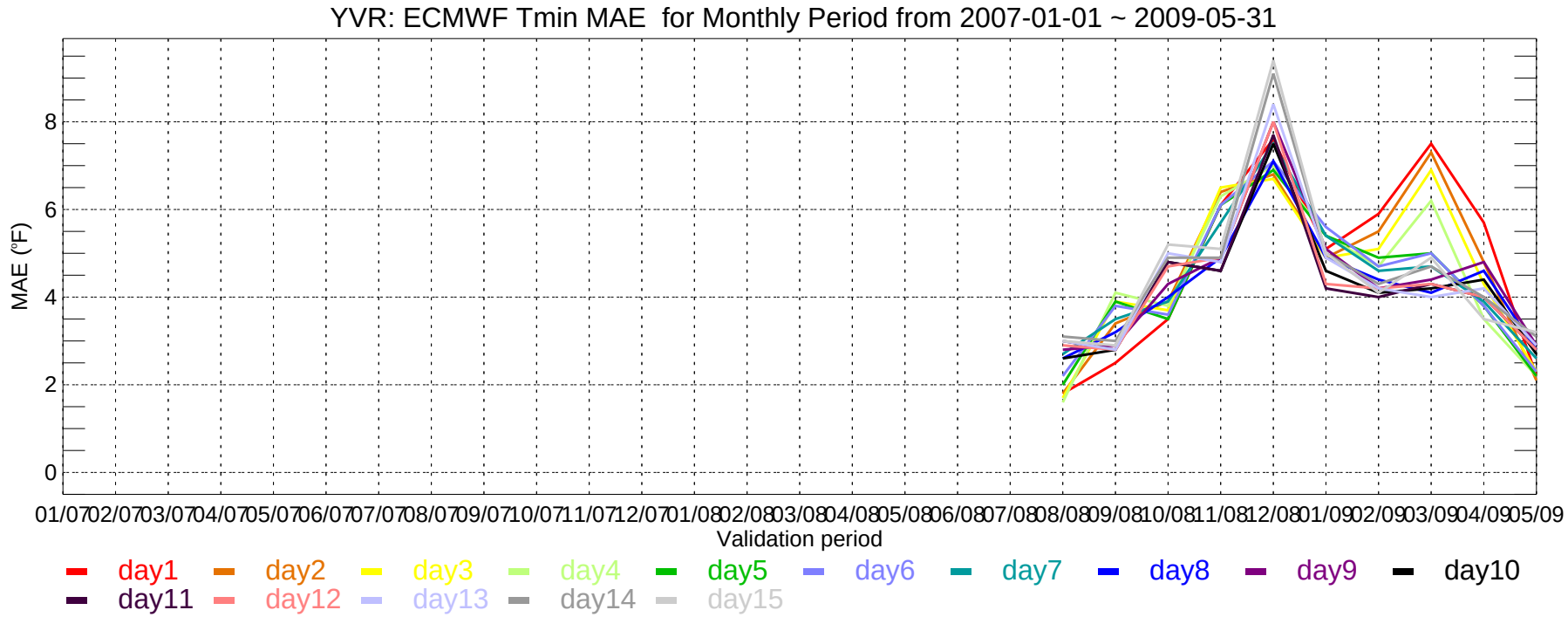

YUL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

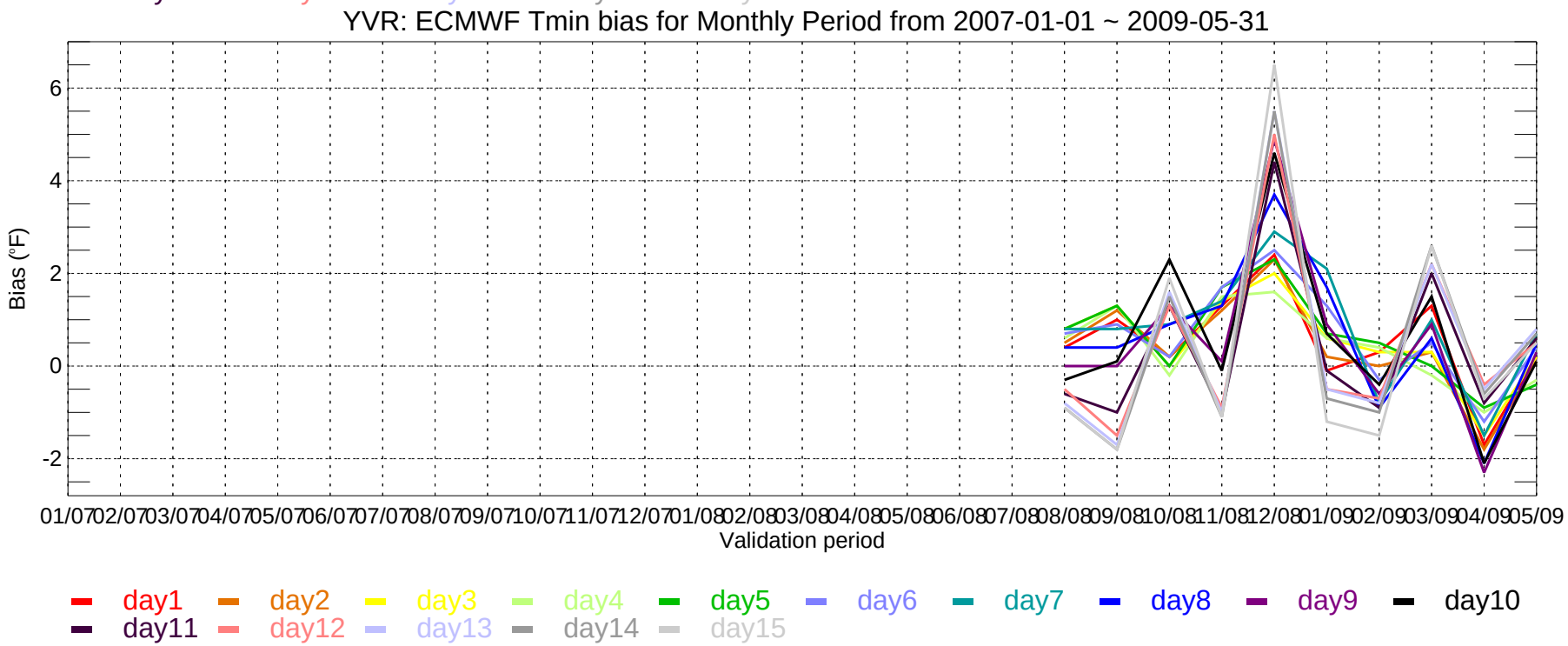

YUL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

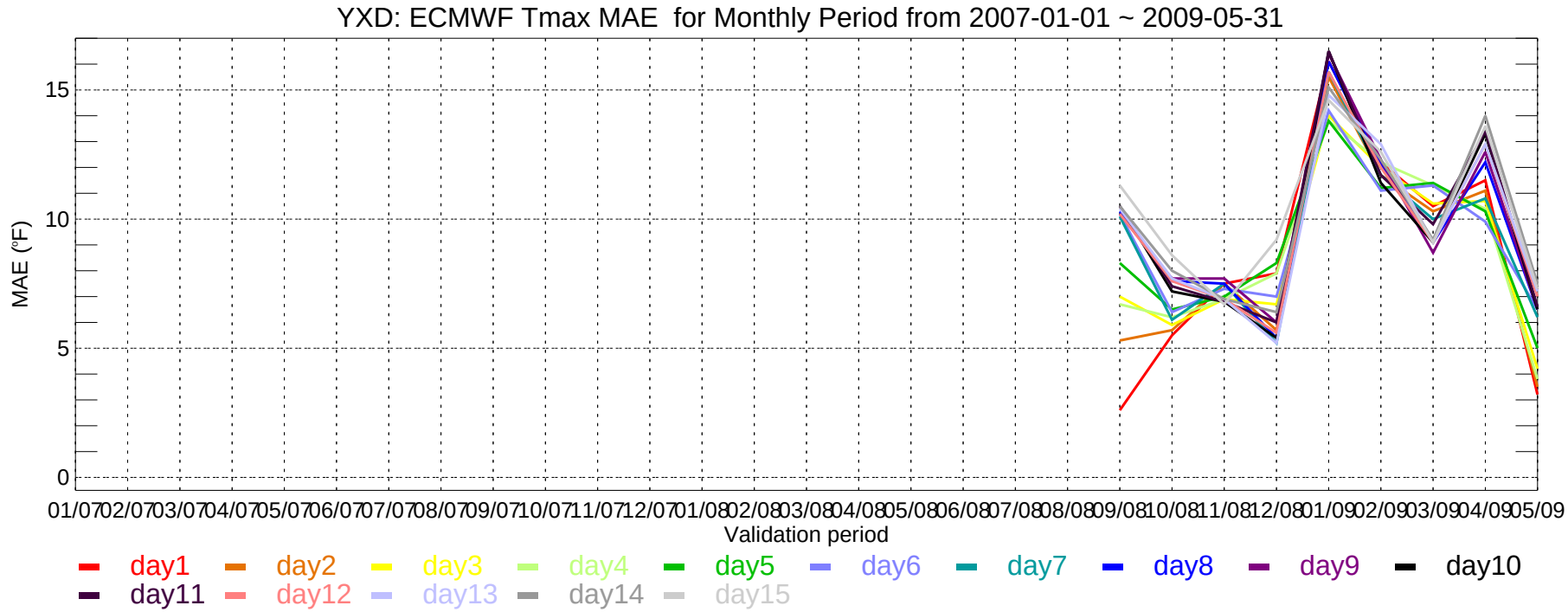

YUL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

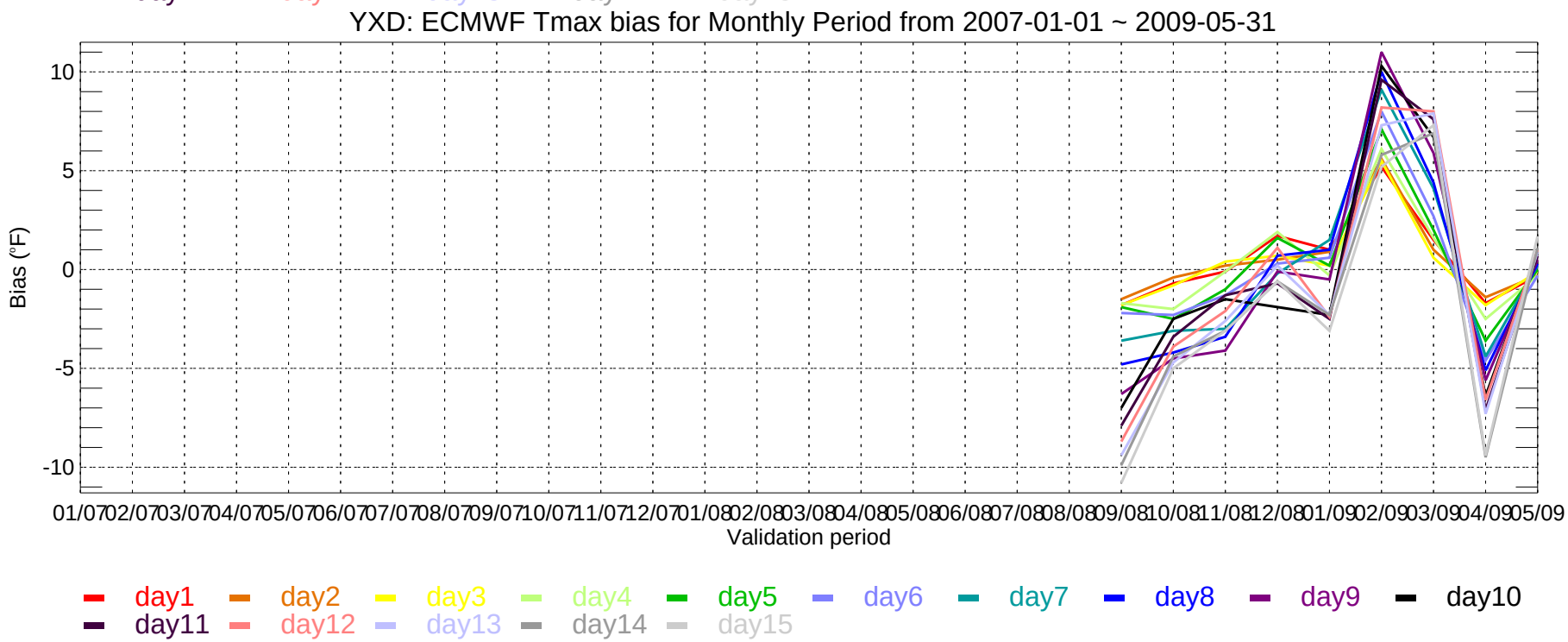

YVR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

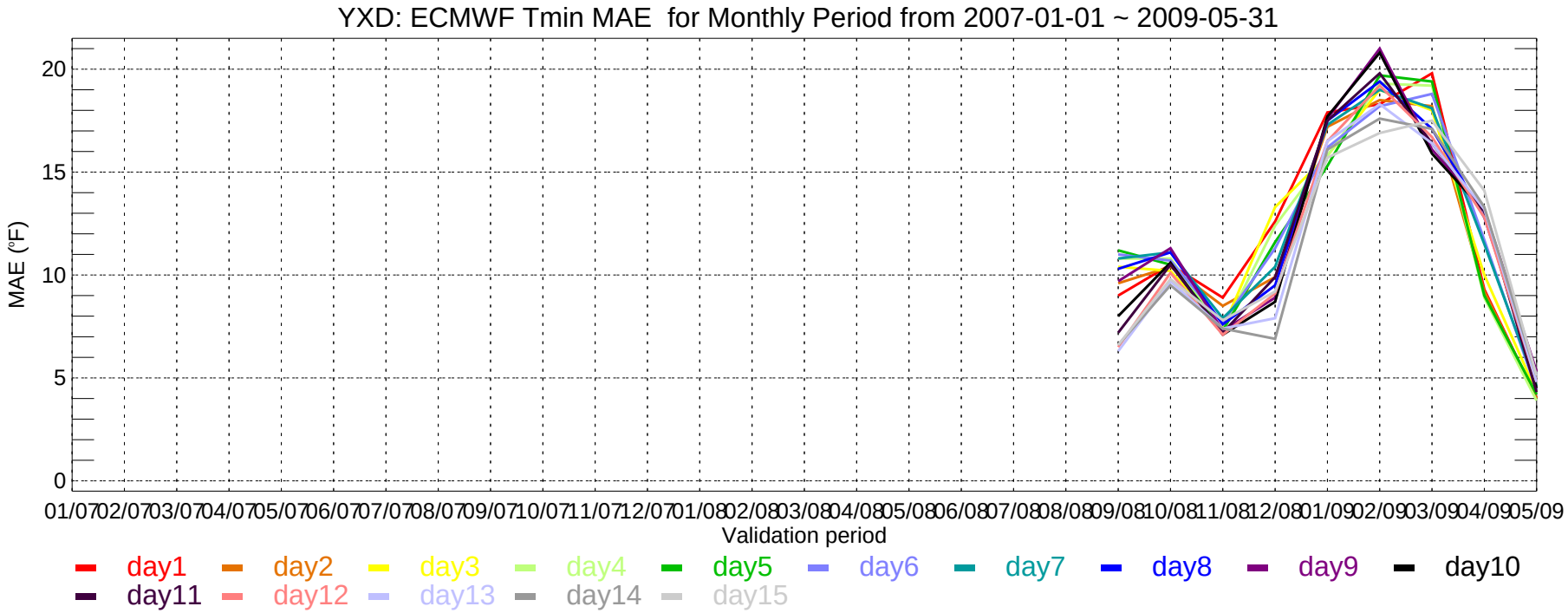

YVR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

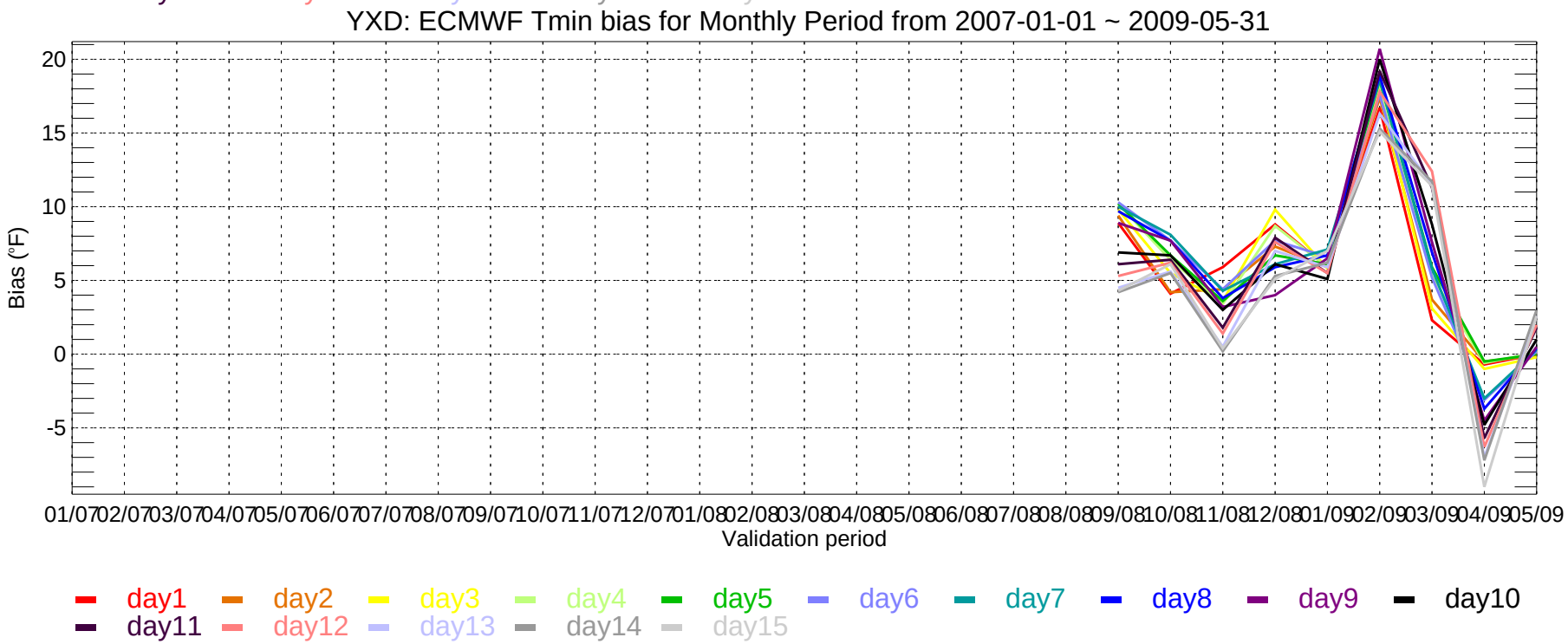

YVR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

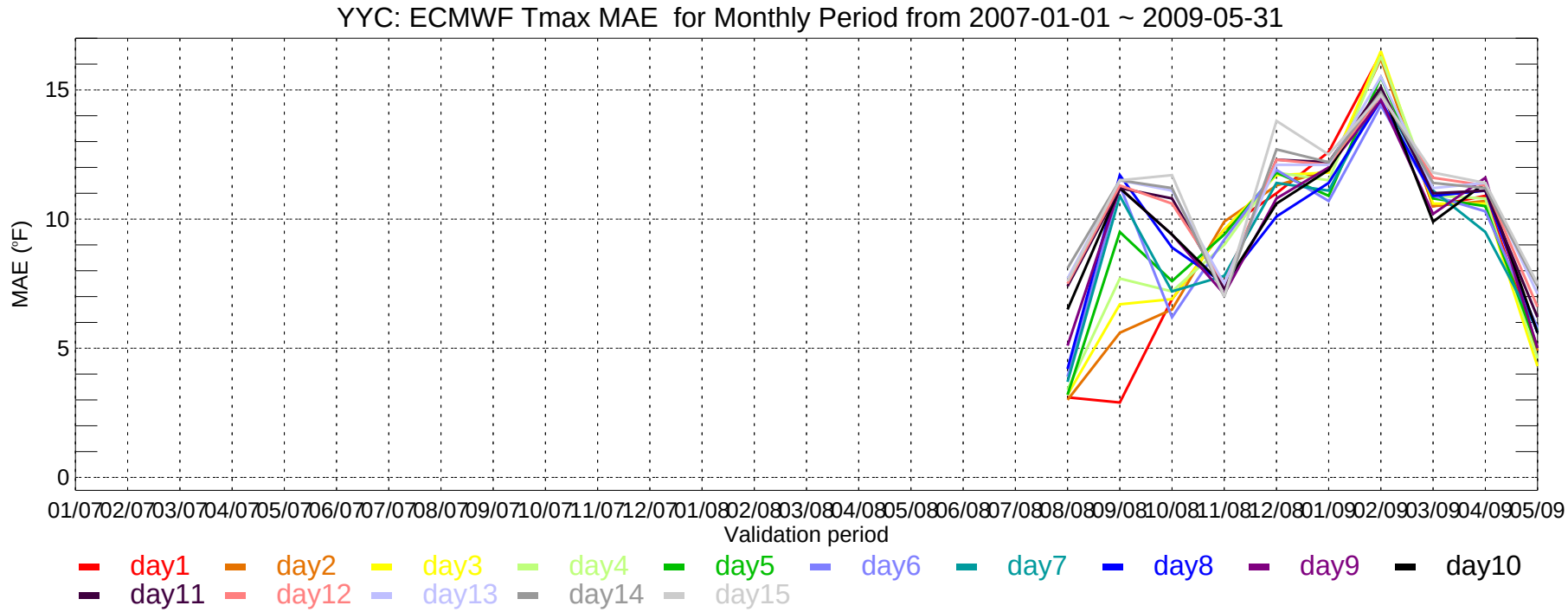

YVR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

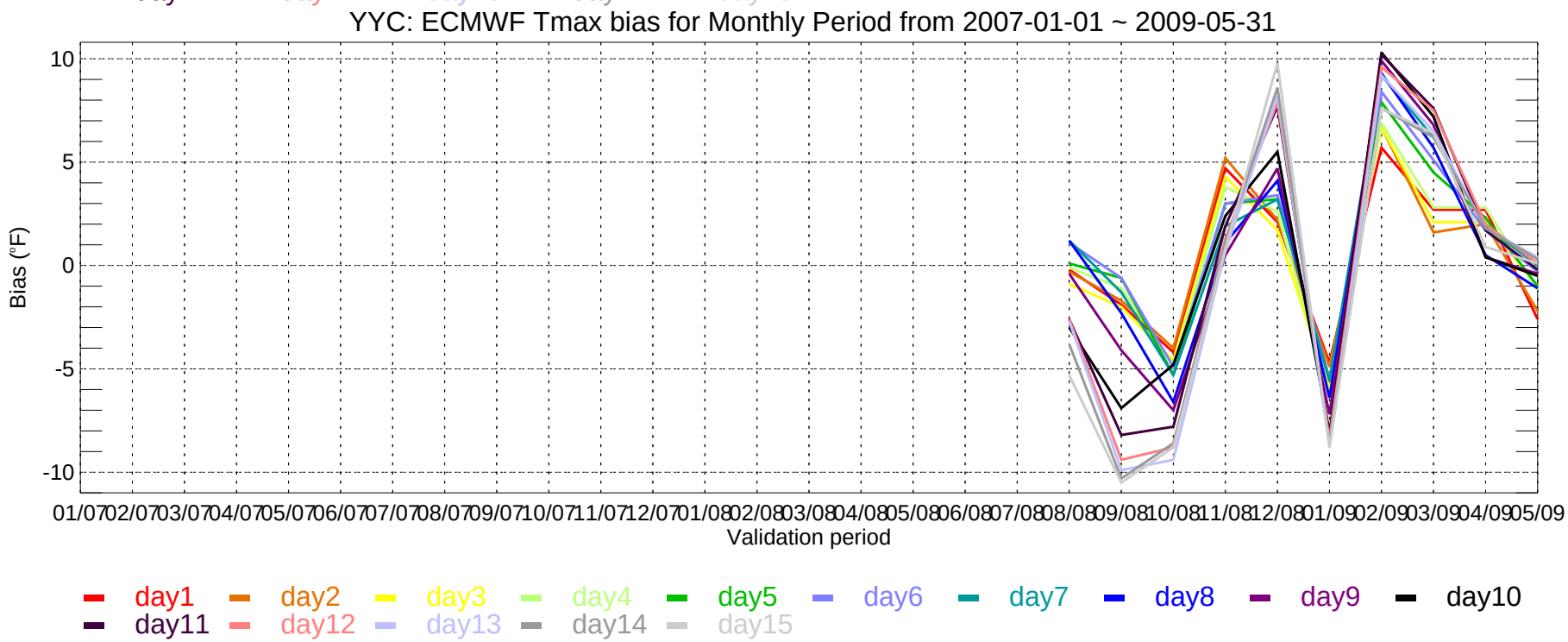

YXD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

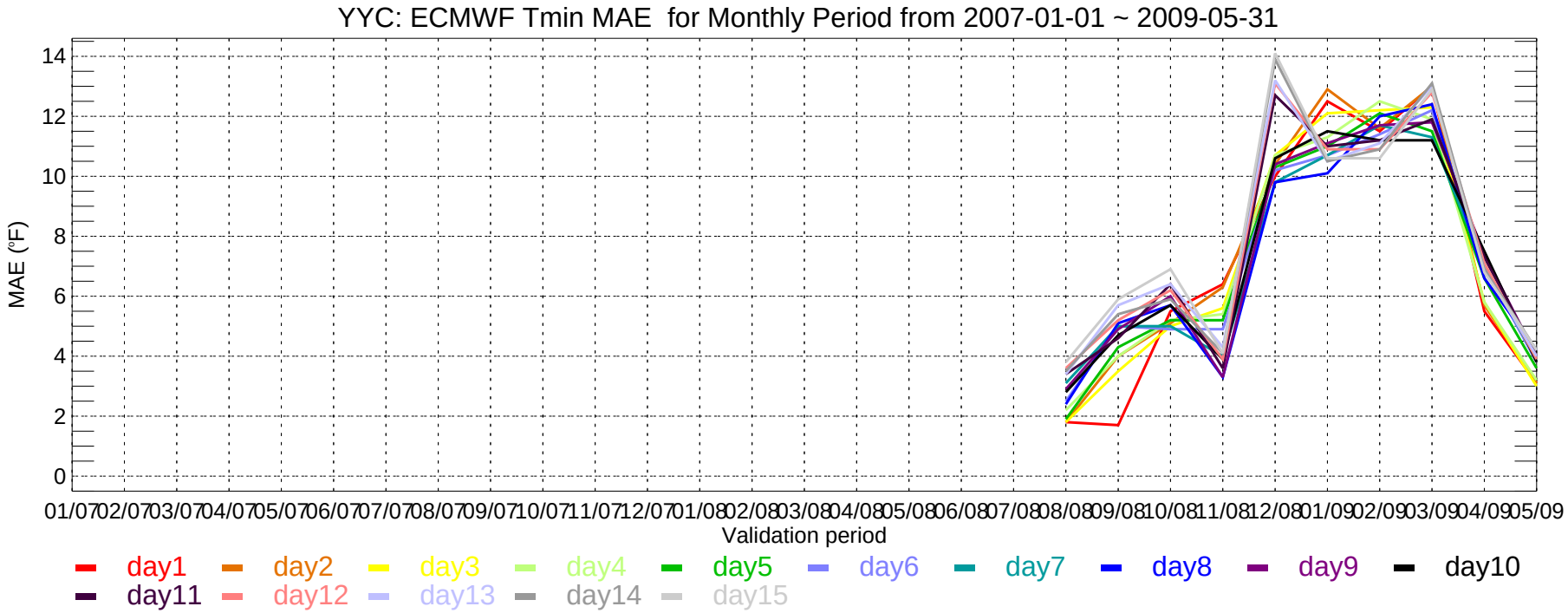

YXD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

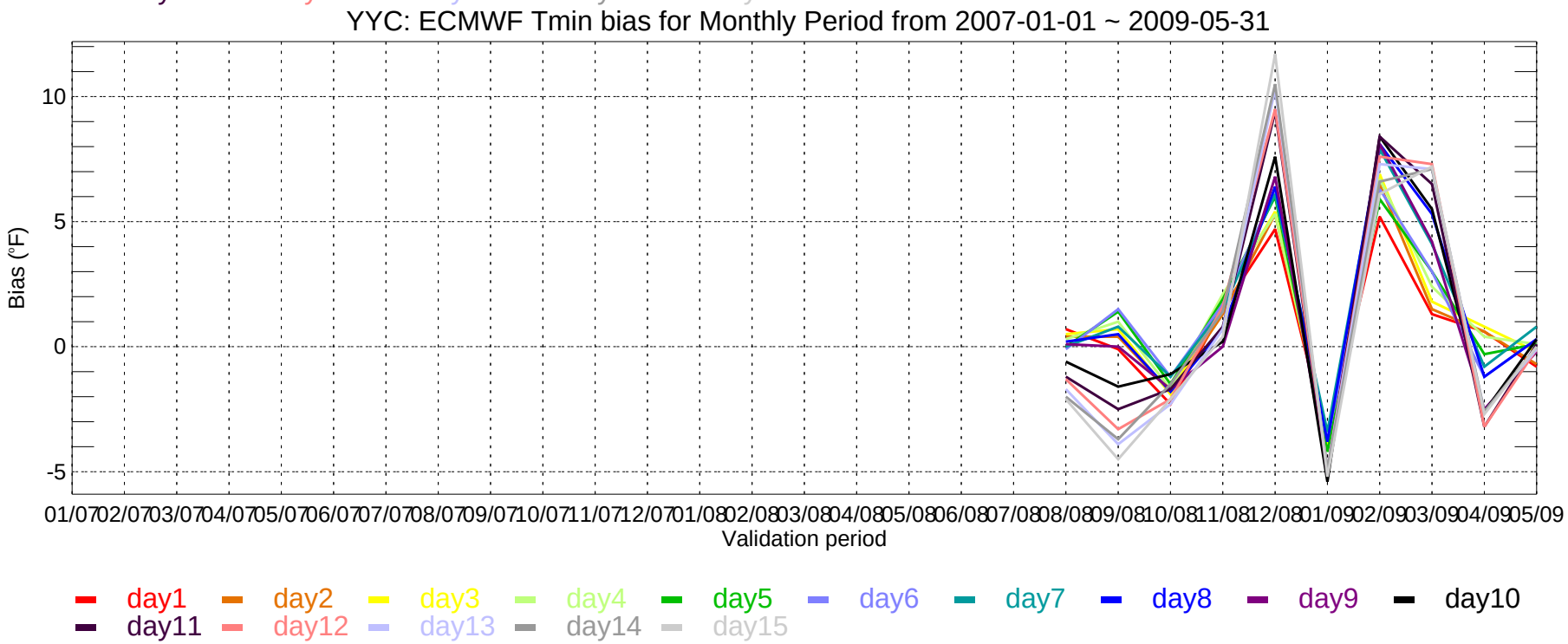

YXD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

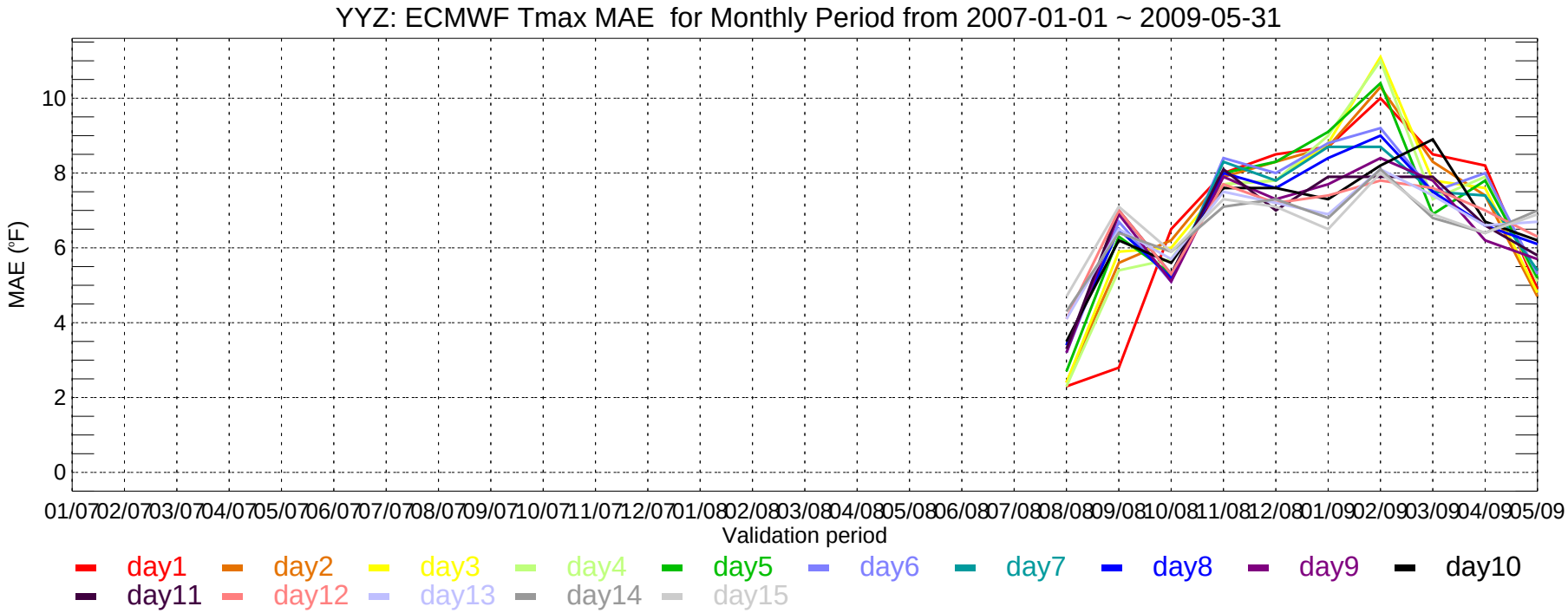

YXD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
20
15
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

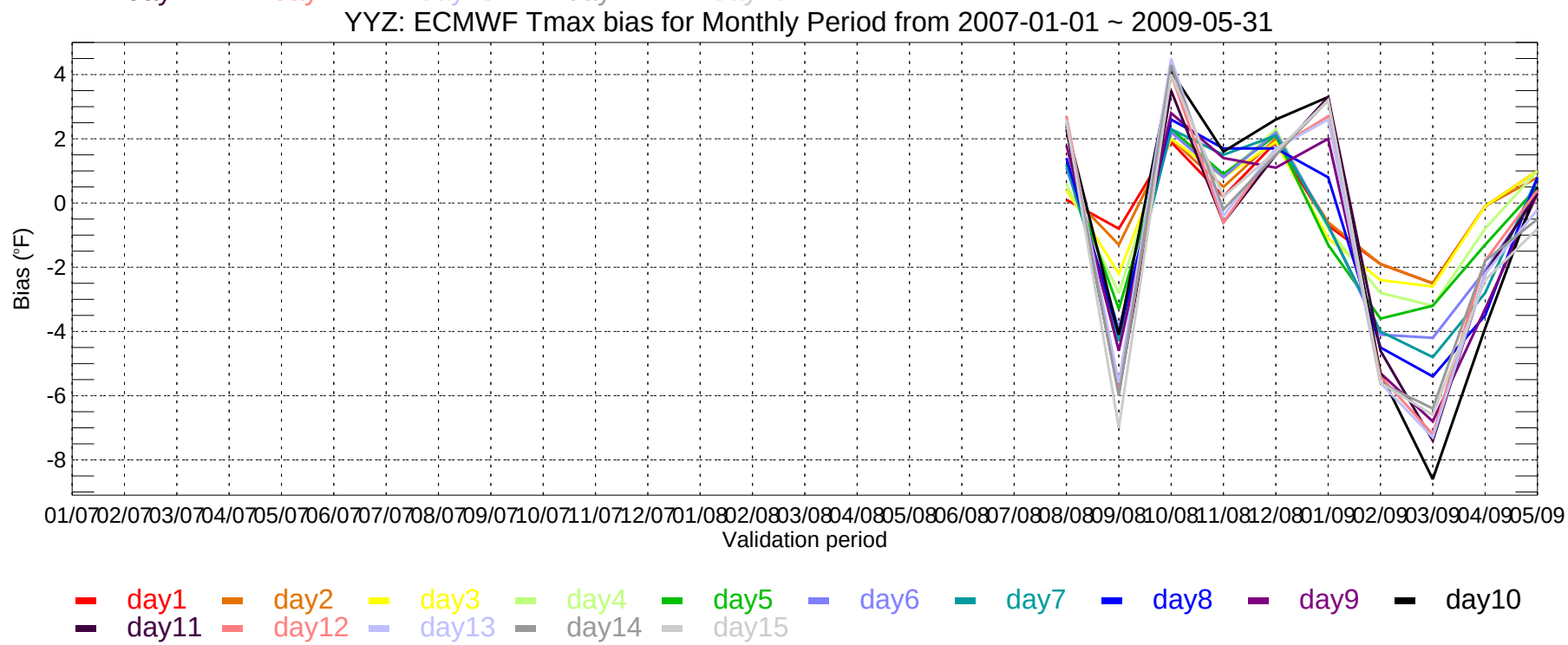

YYC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

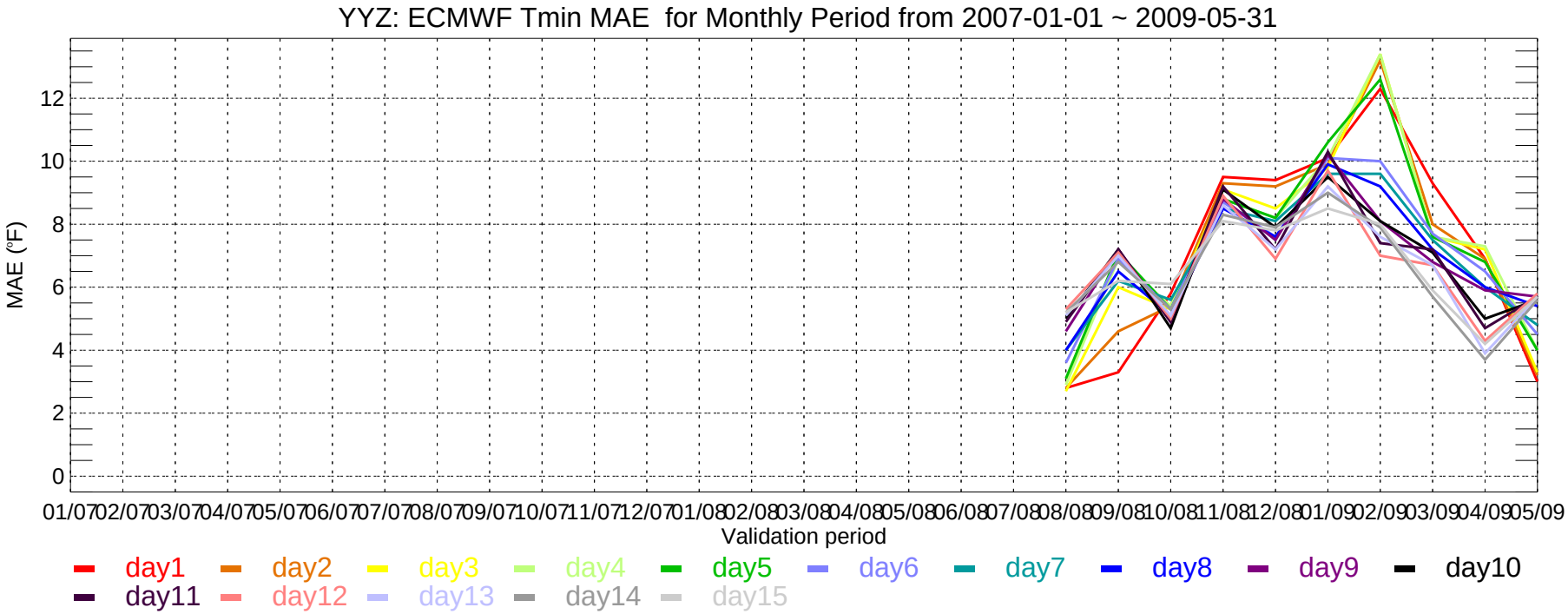

YYC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

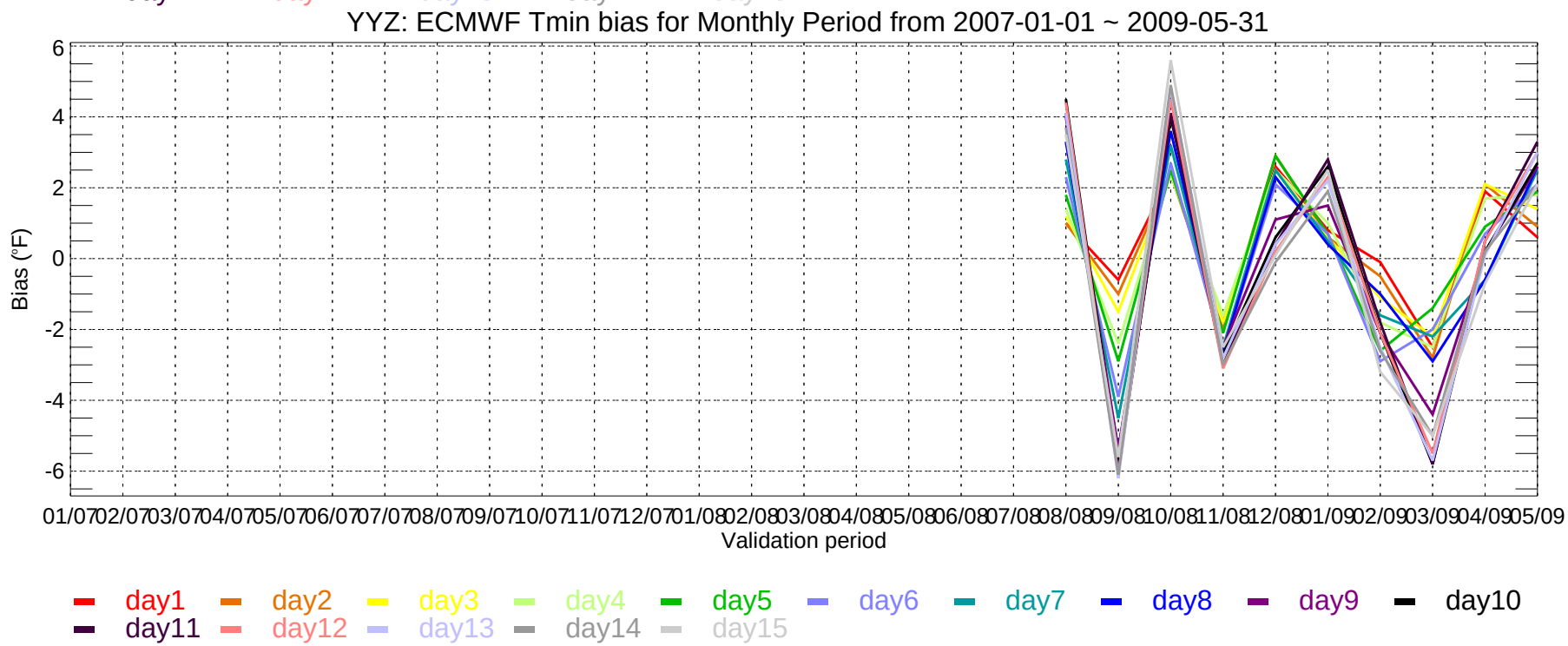

YYC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

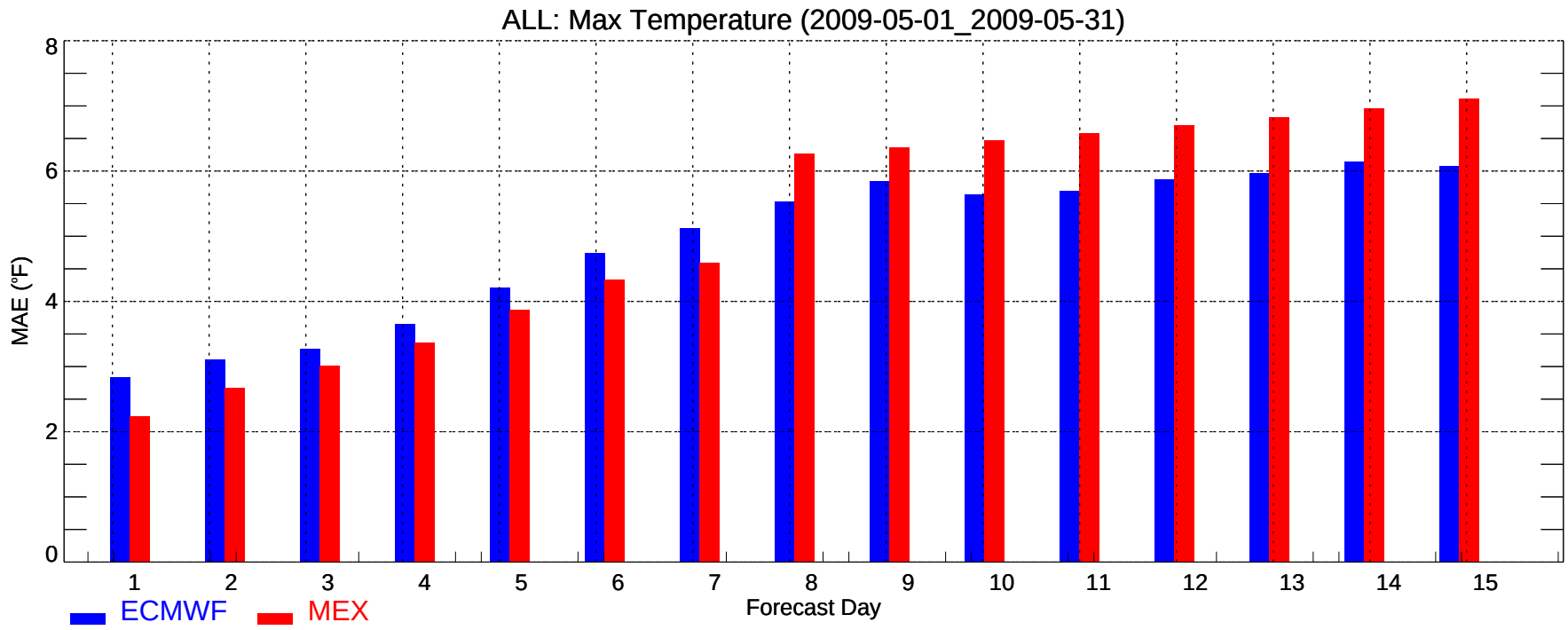

YYC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

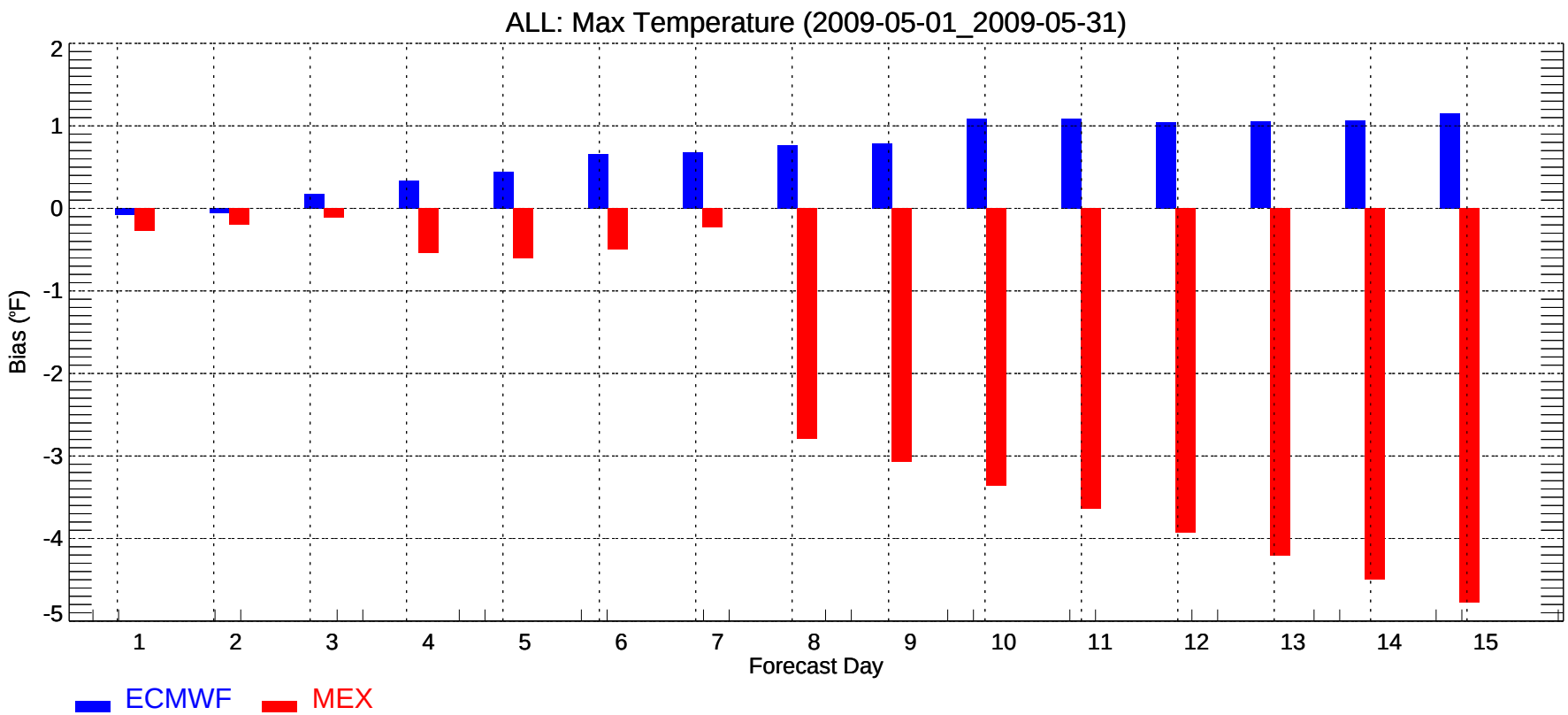

YYZ: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

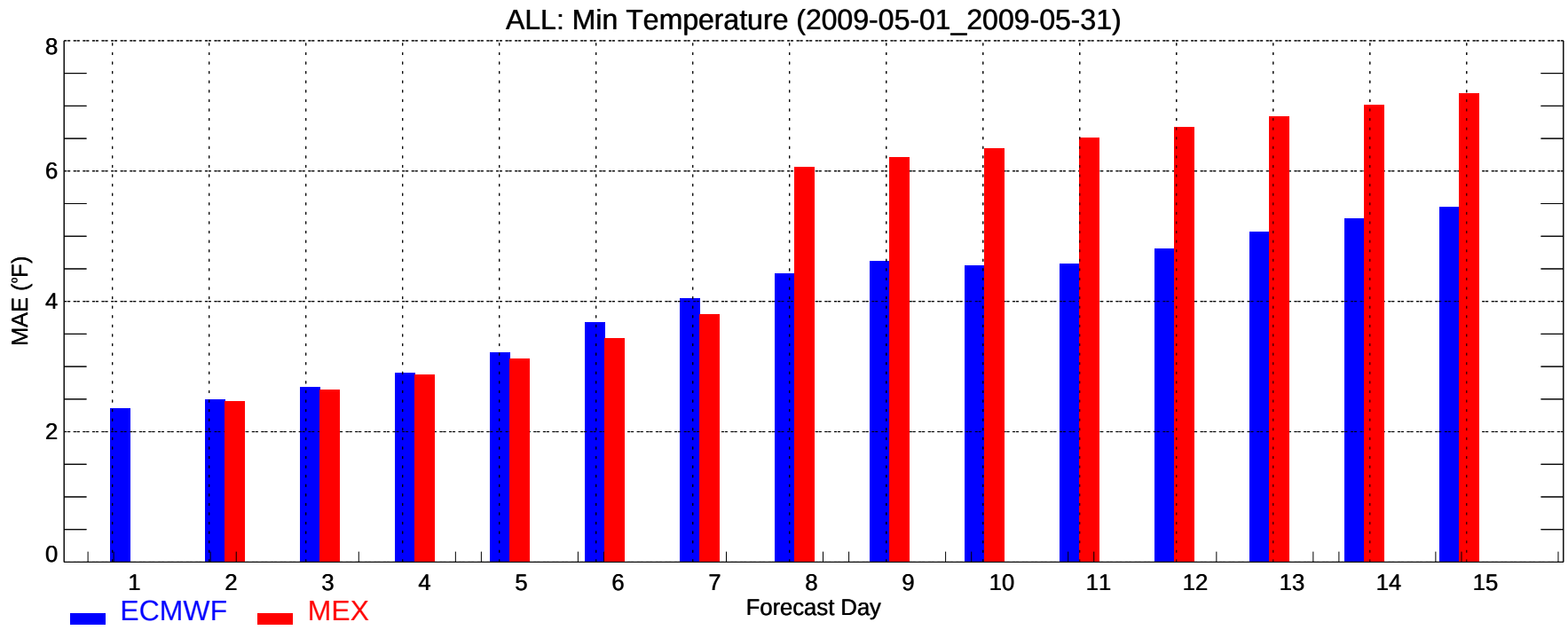

YYZ: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

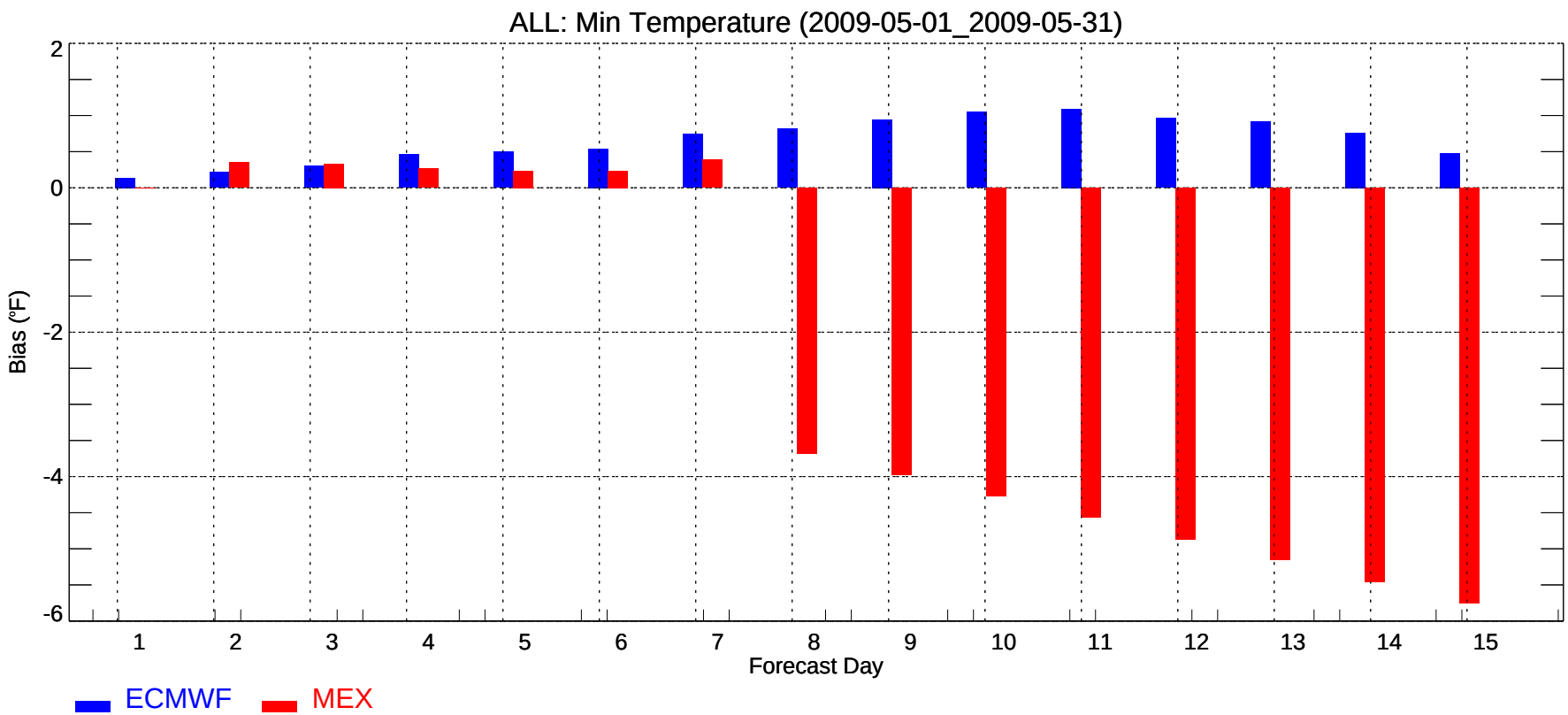

YYZ: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2009-05-31
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

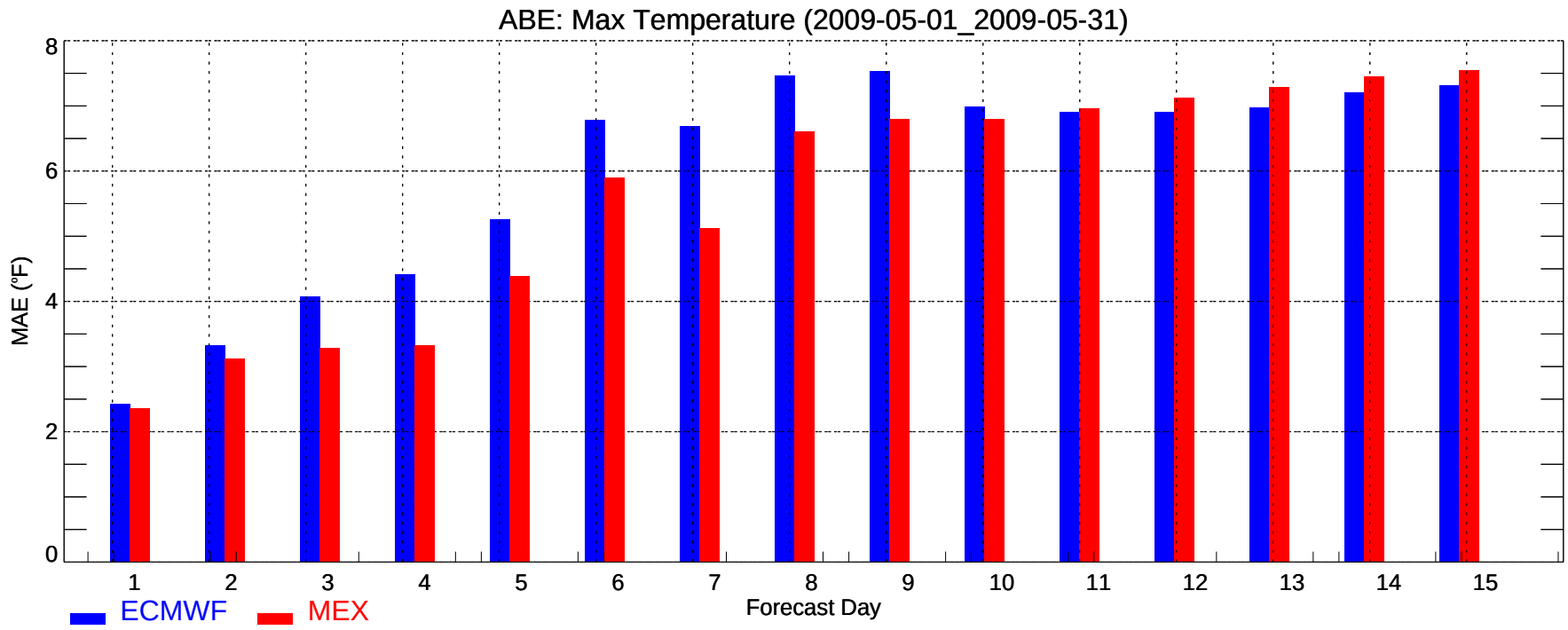

YYZ: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2009-05-31
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

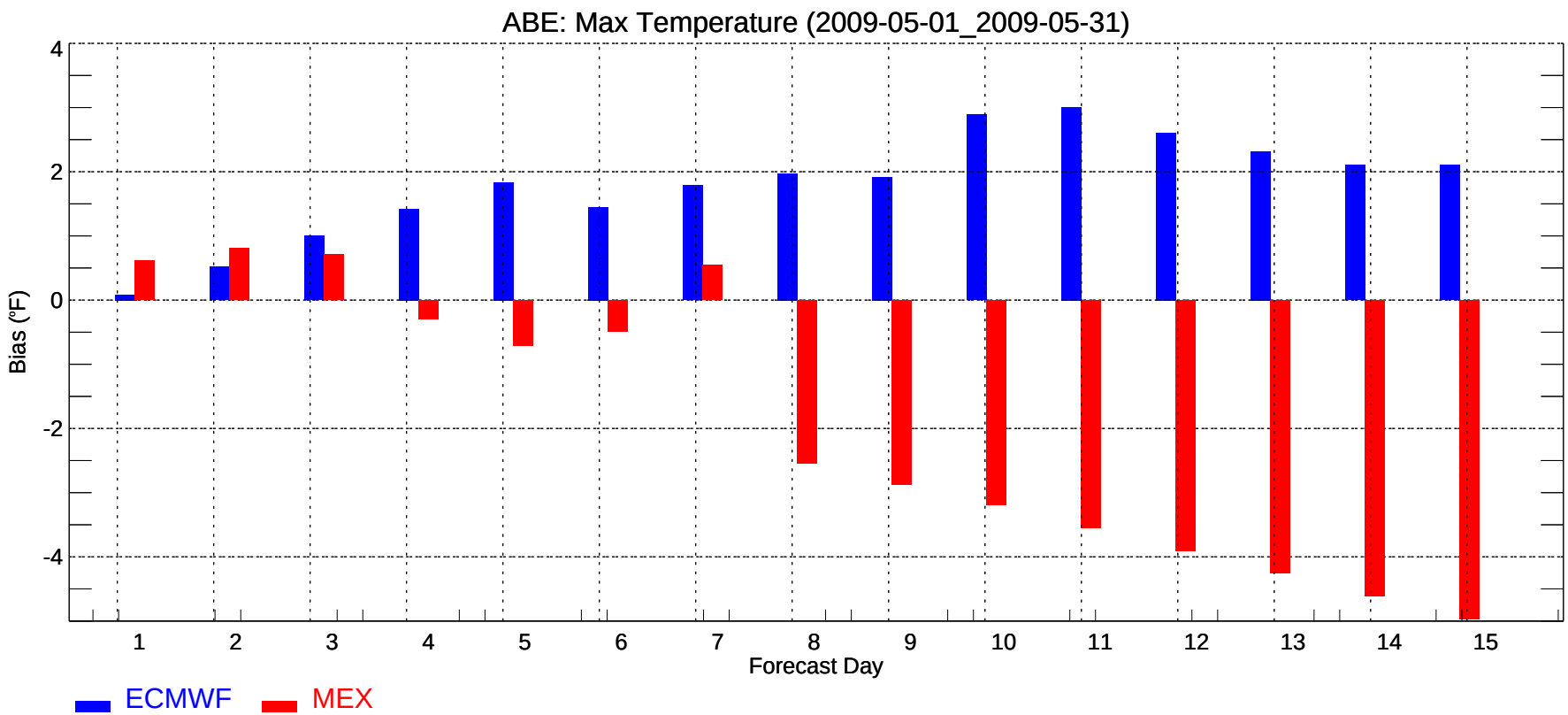

ALL: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

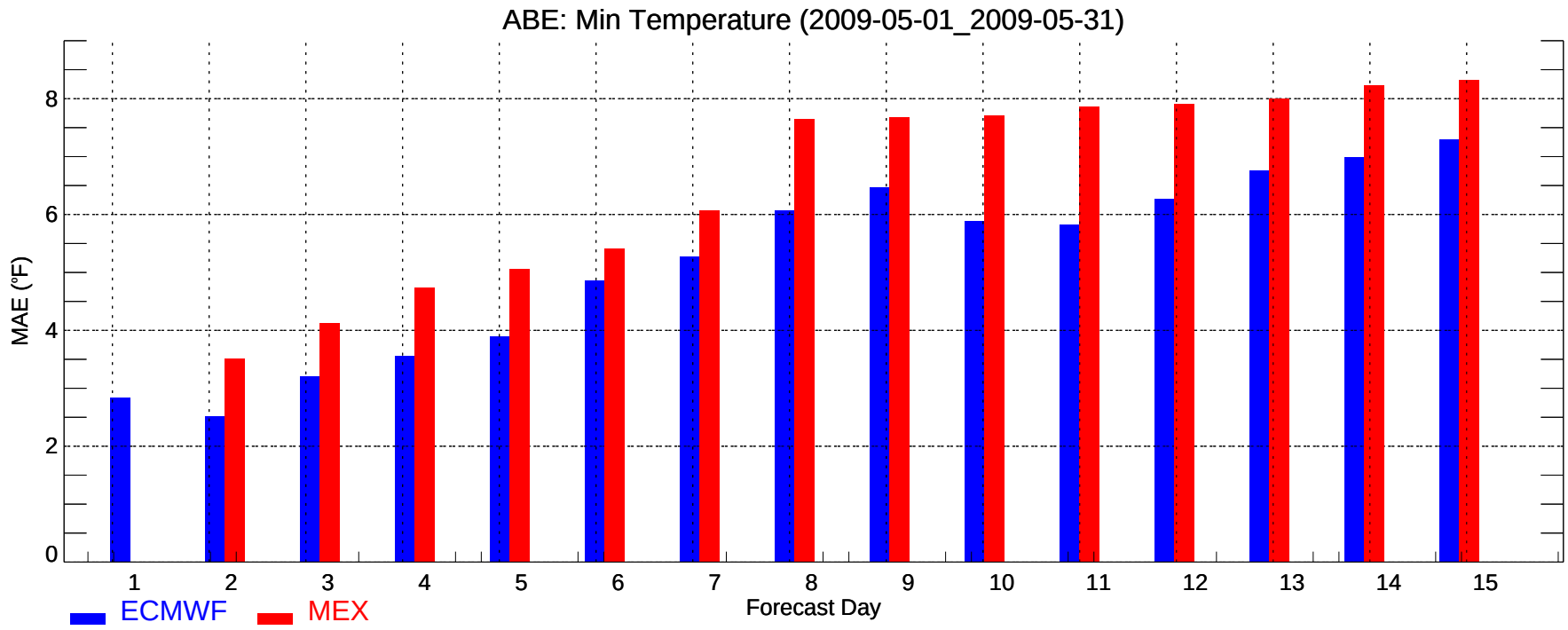

ALL: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

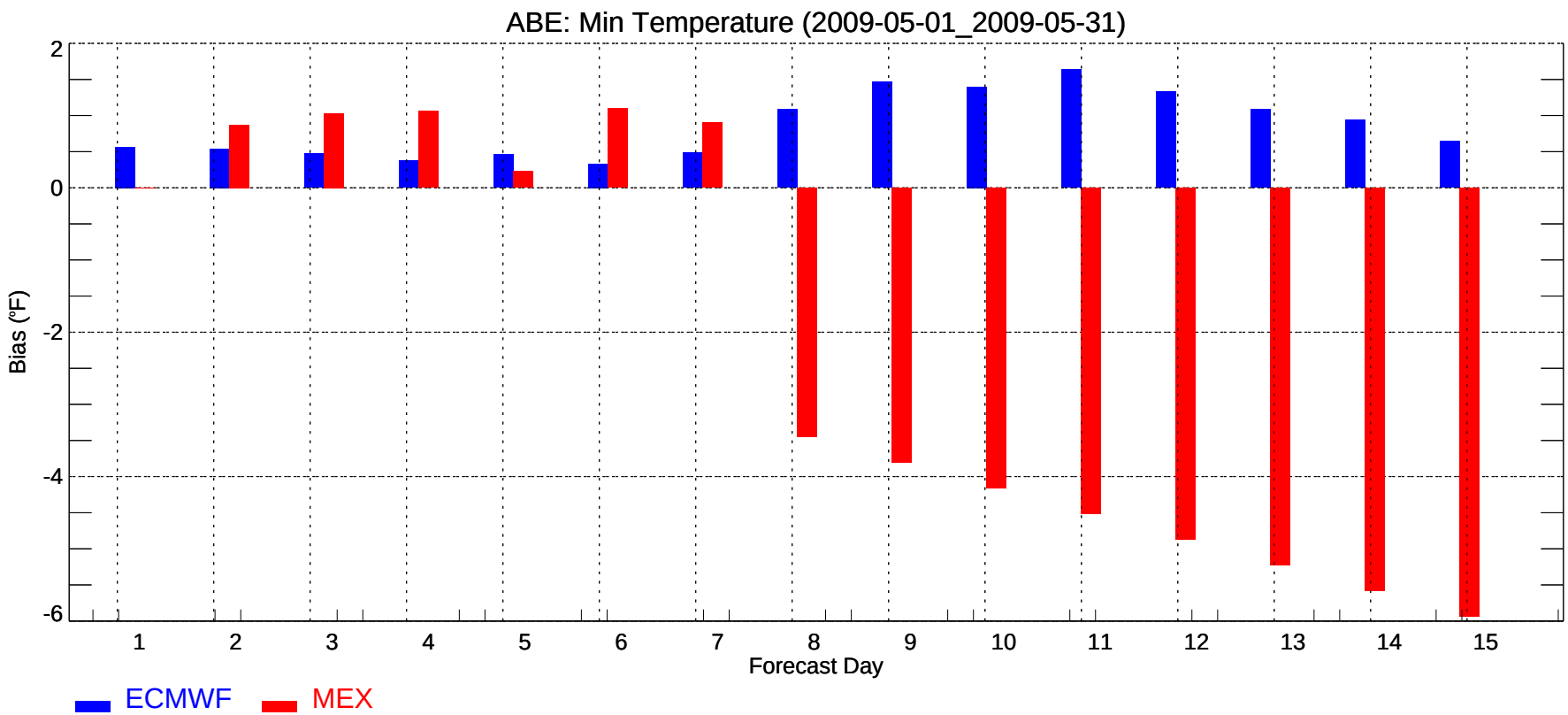

ALL: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

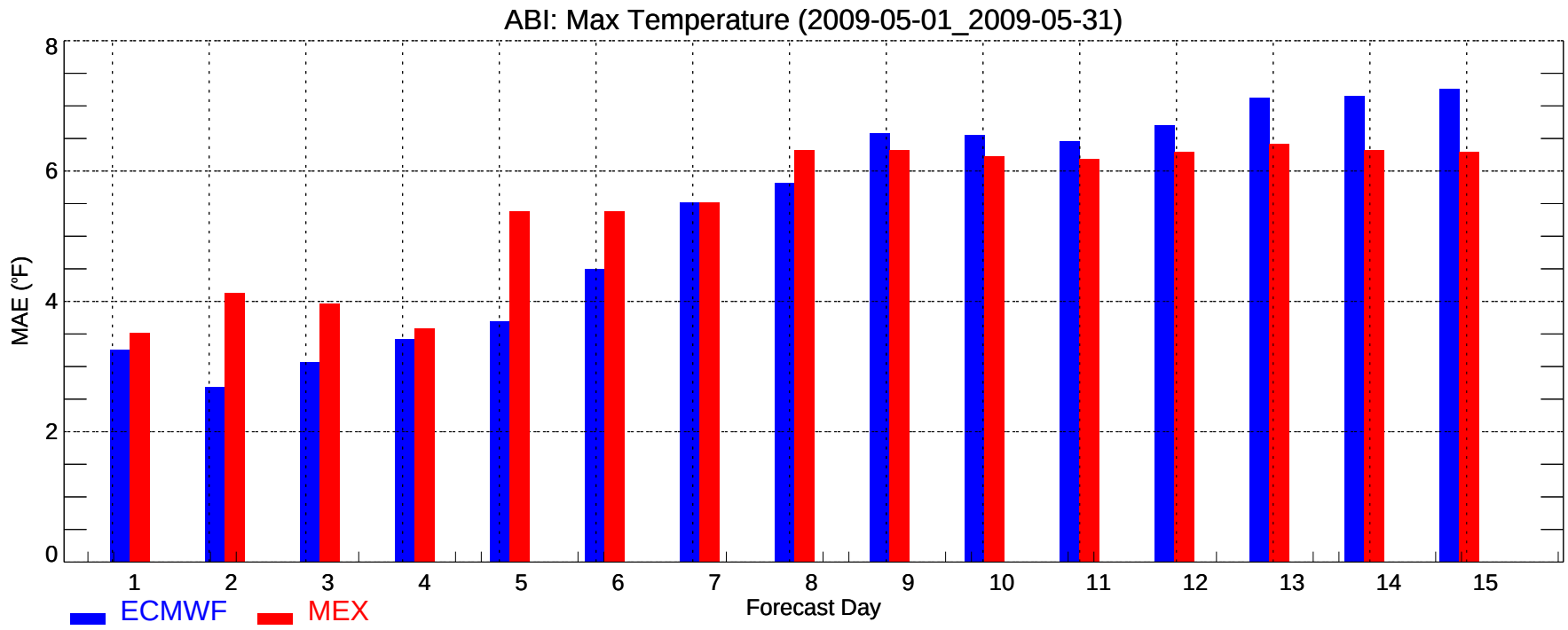

ALL: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

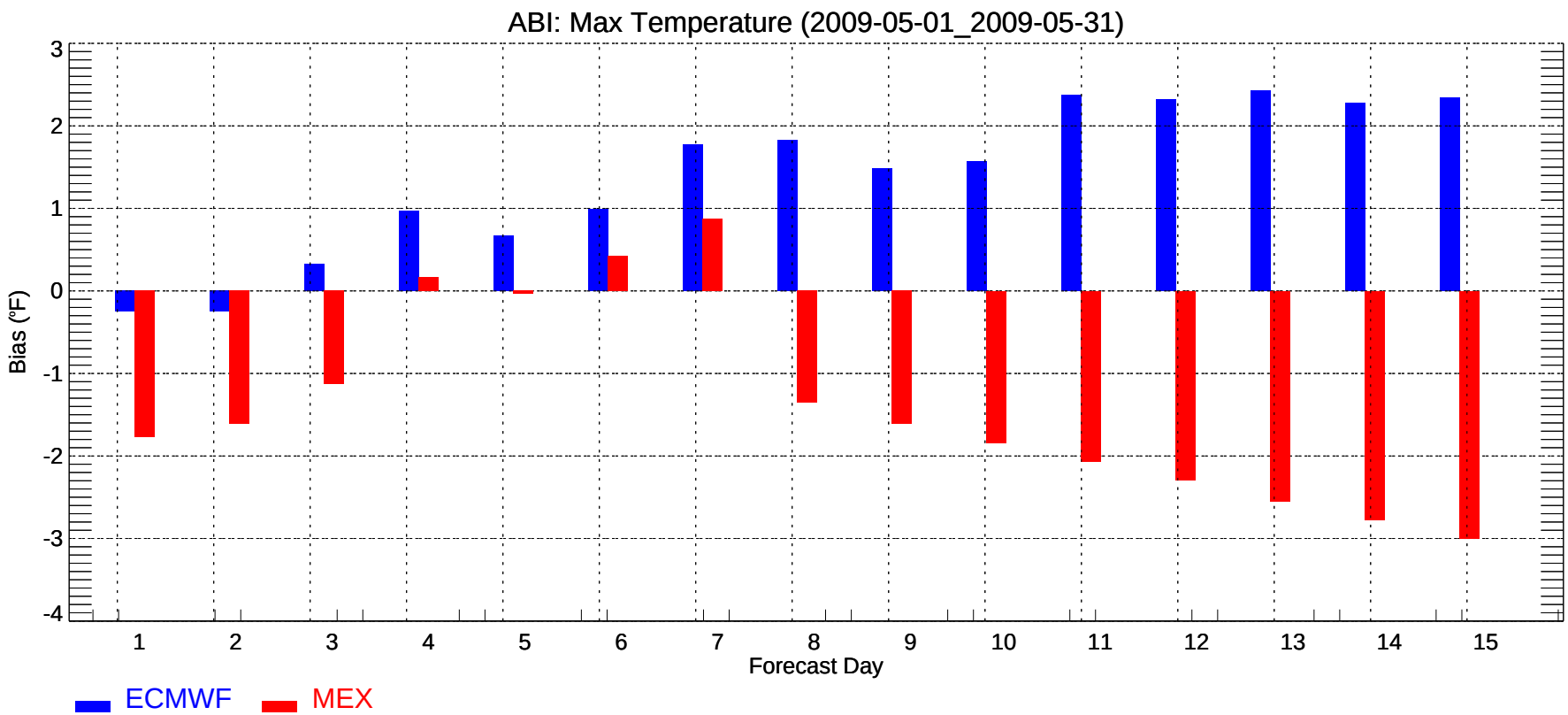

ABE: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

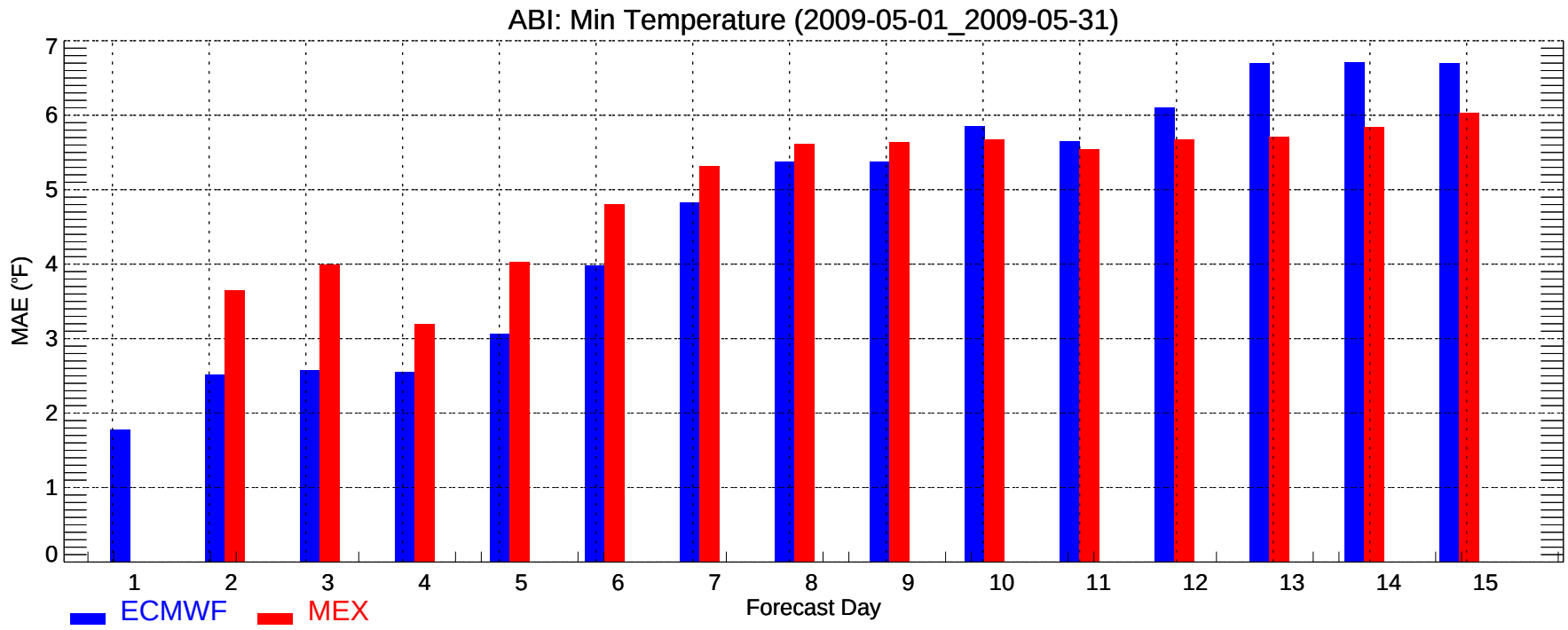

ABE: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

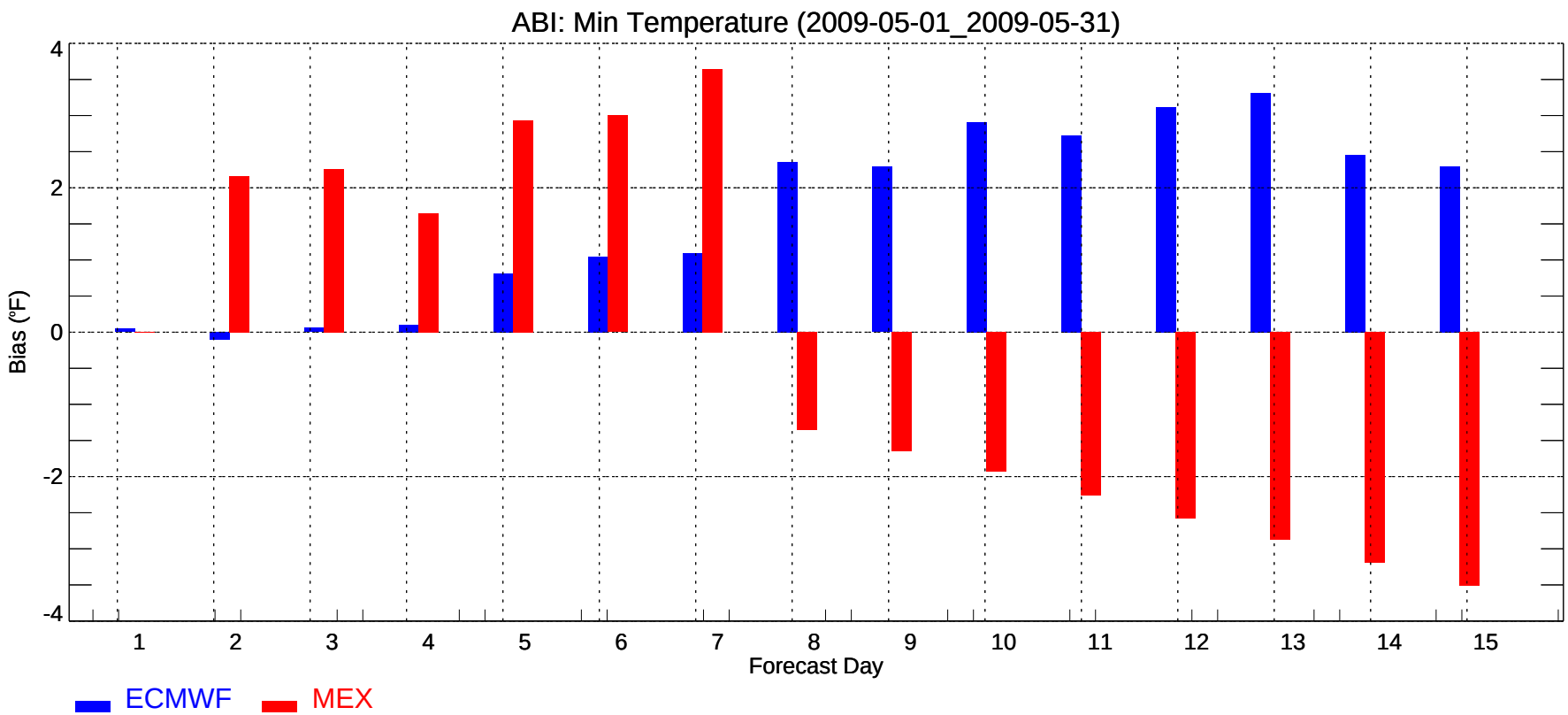

ABE: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

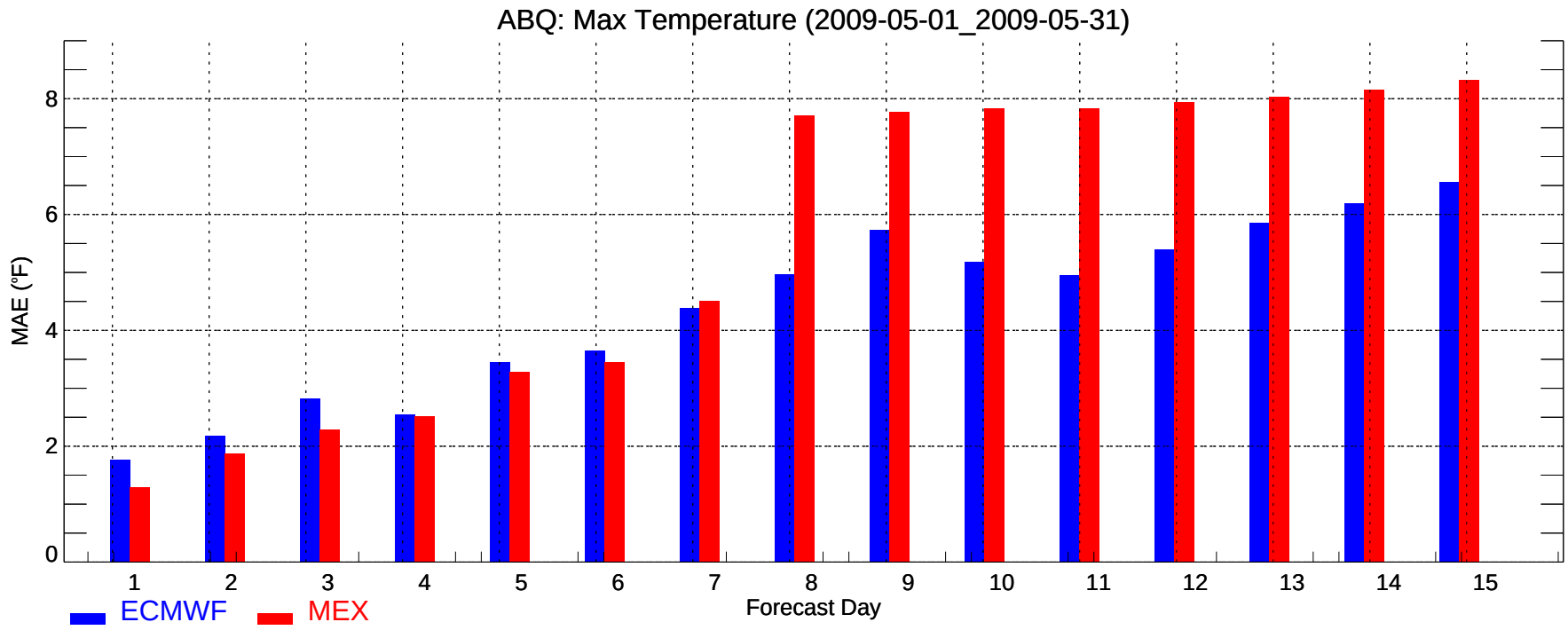

ABE: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABI: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABI: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABI: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABI: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABQ: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
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6
7
8
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10
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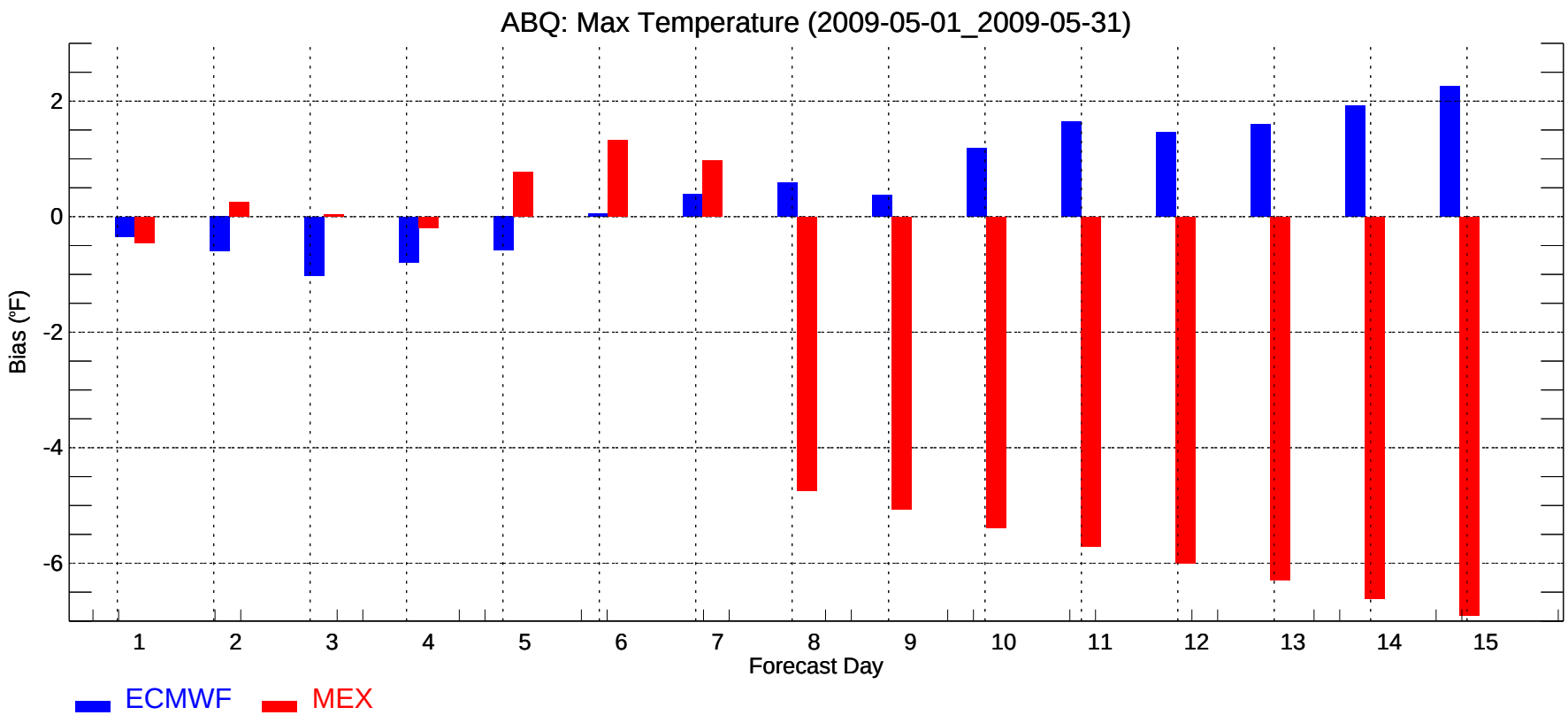
13
14
15
Forecast Day
ECMWF
MEX


ABQ: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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10
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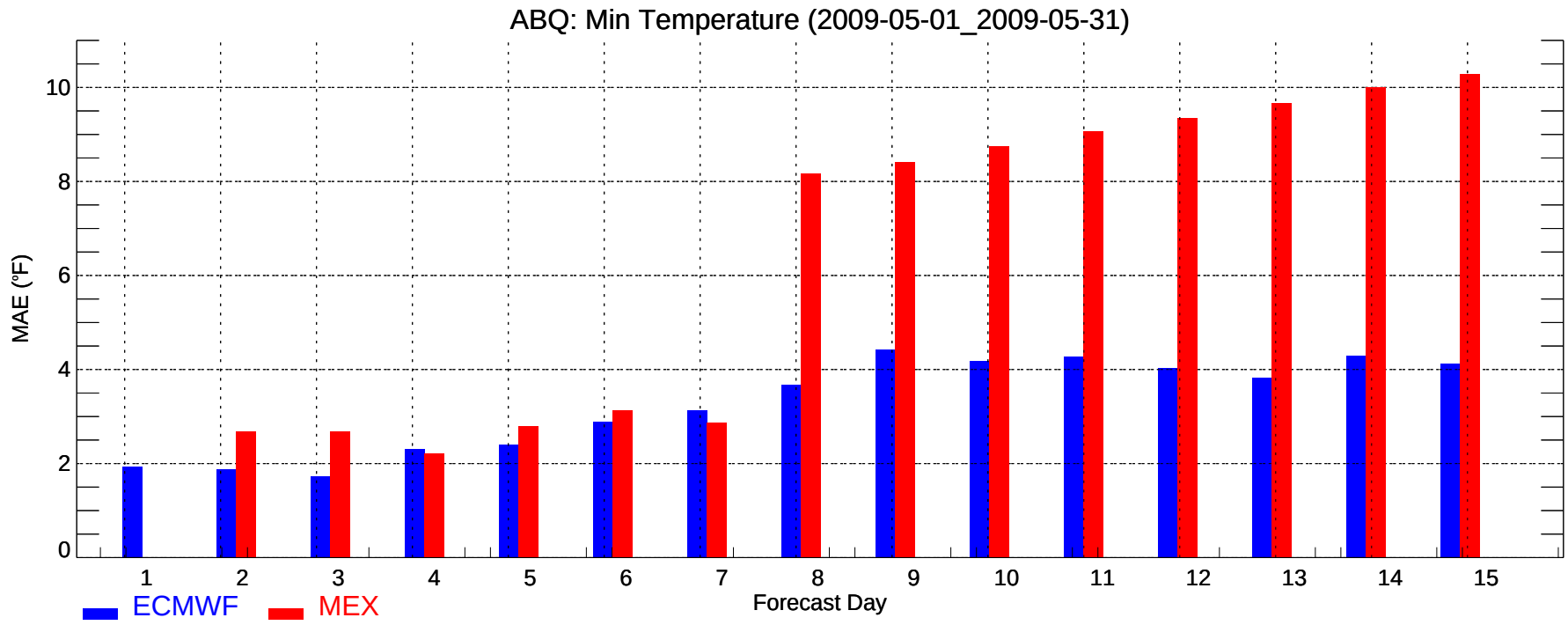
12
13
14
15
Forecast Day
ECMWF
MEX


ABQ: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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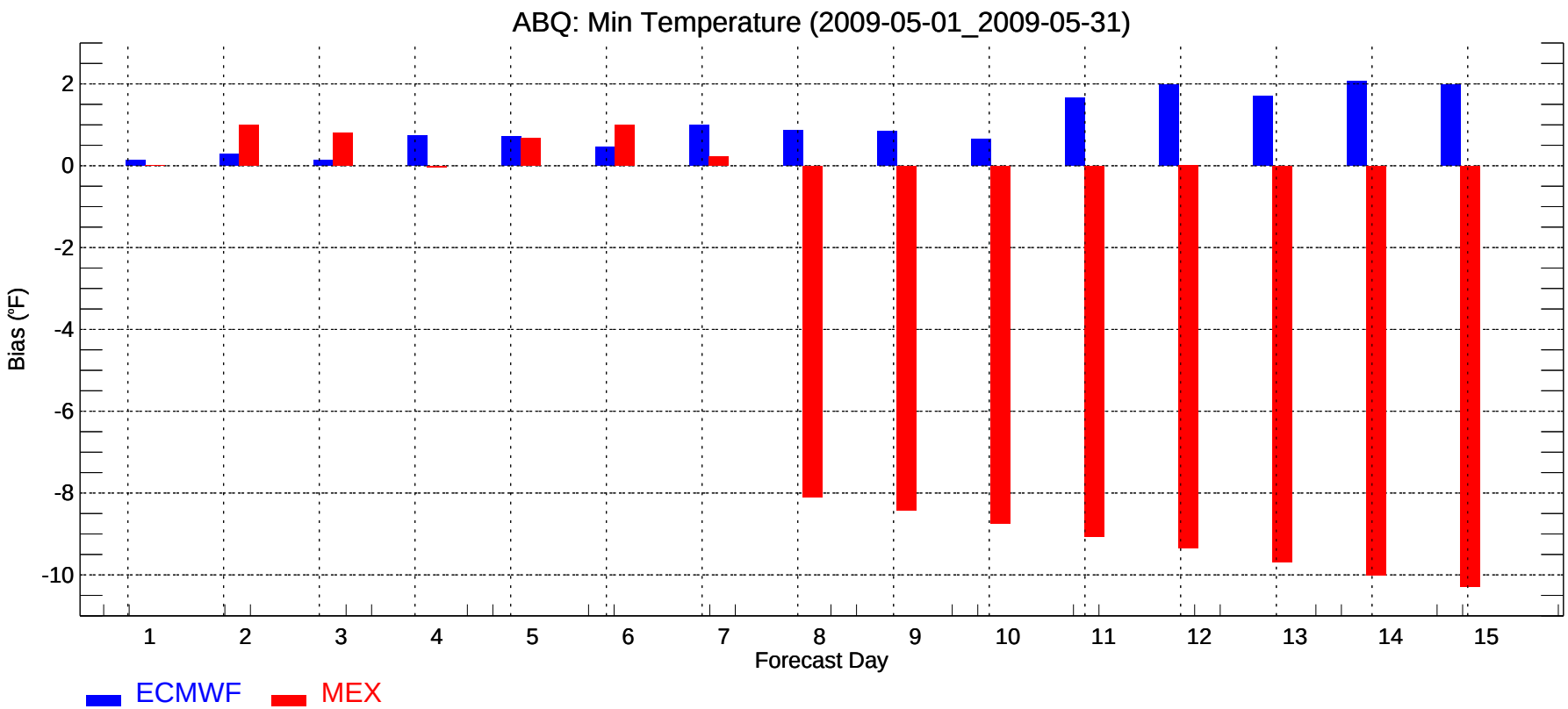
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABQ: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
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13
14
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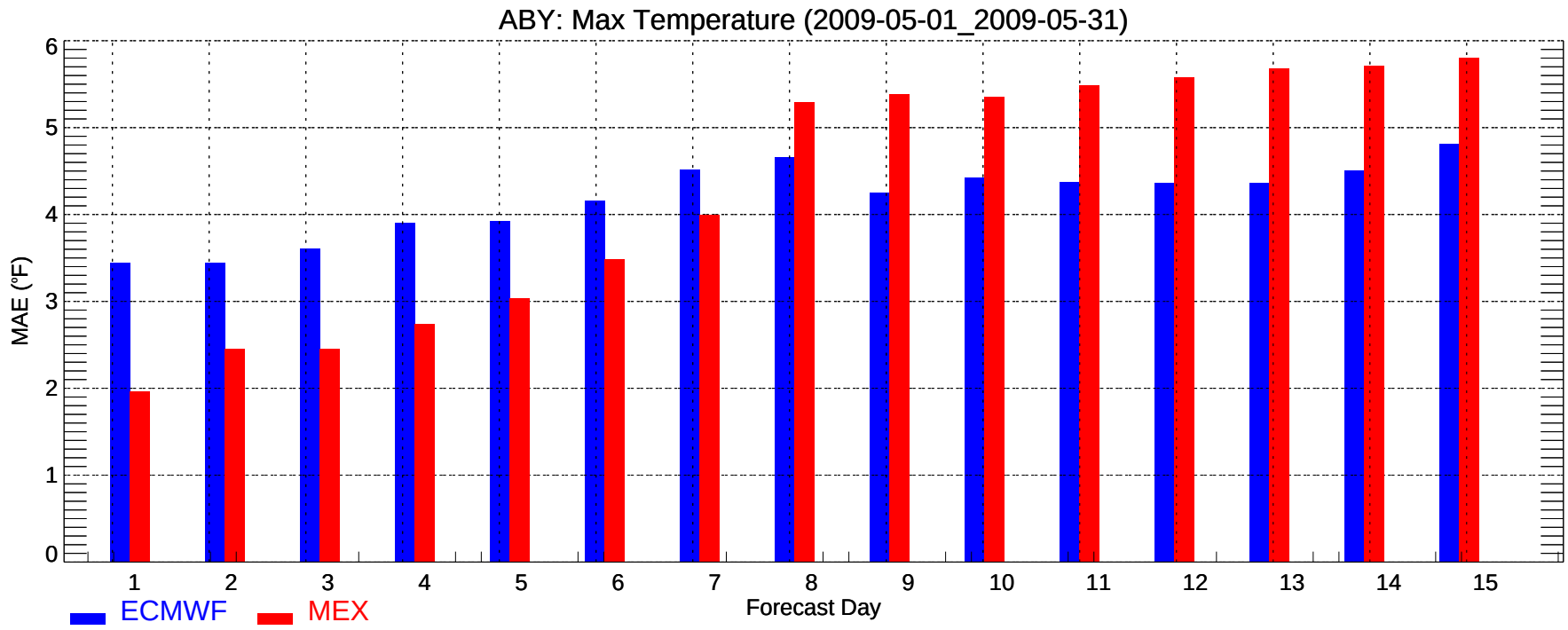
Forecast Day
ECMWF
MEX


ABY: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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1
2
3
4
5
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1
2
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6
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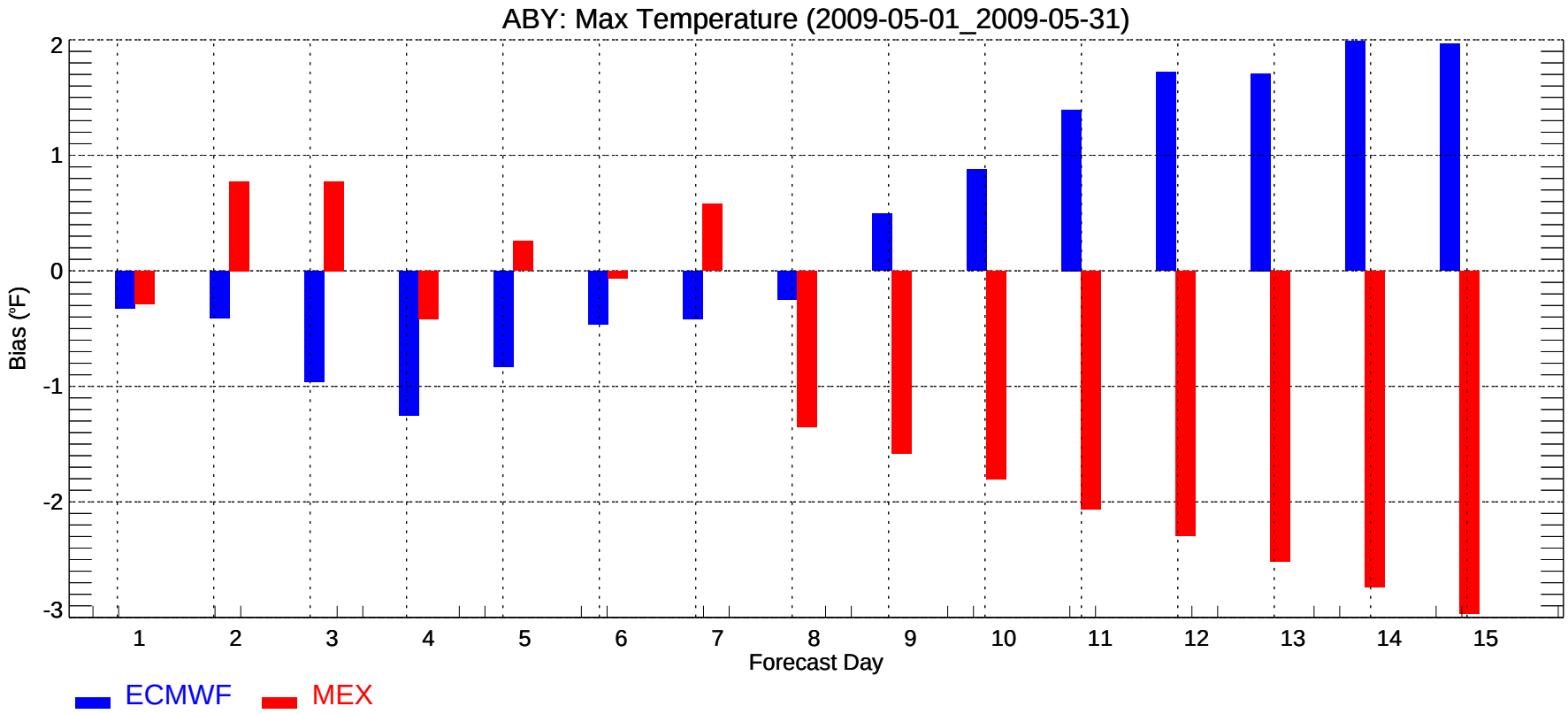
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABY: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
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6
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8
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10
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13
14
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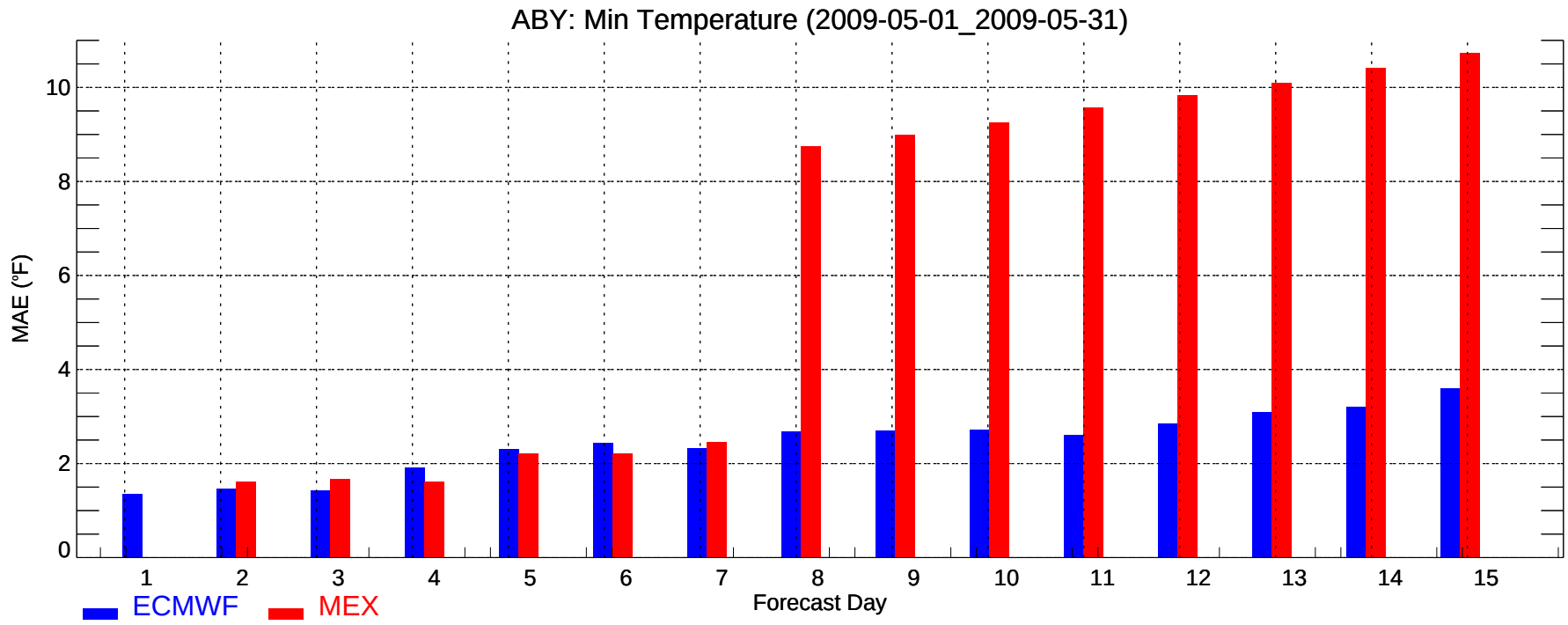
Forecast Day
ECMWF
MEX


ABY: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
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12
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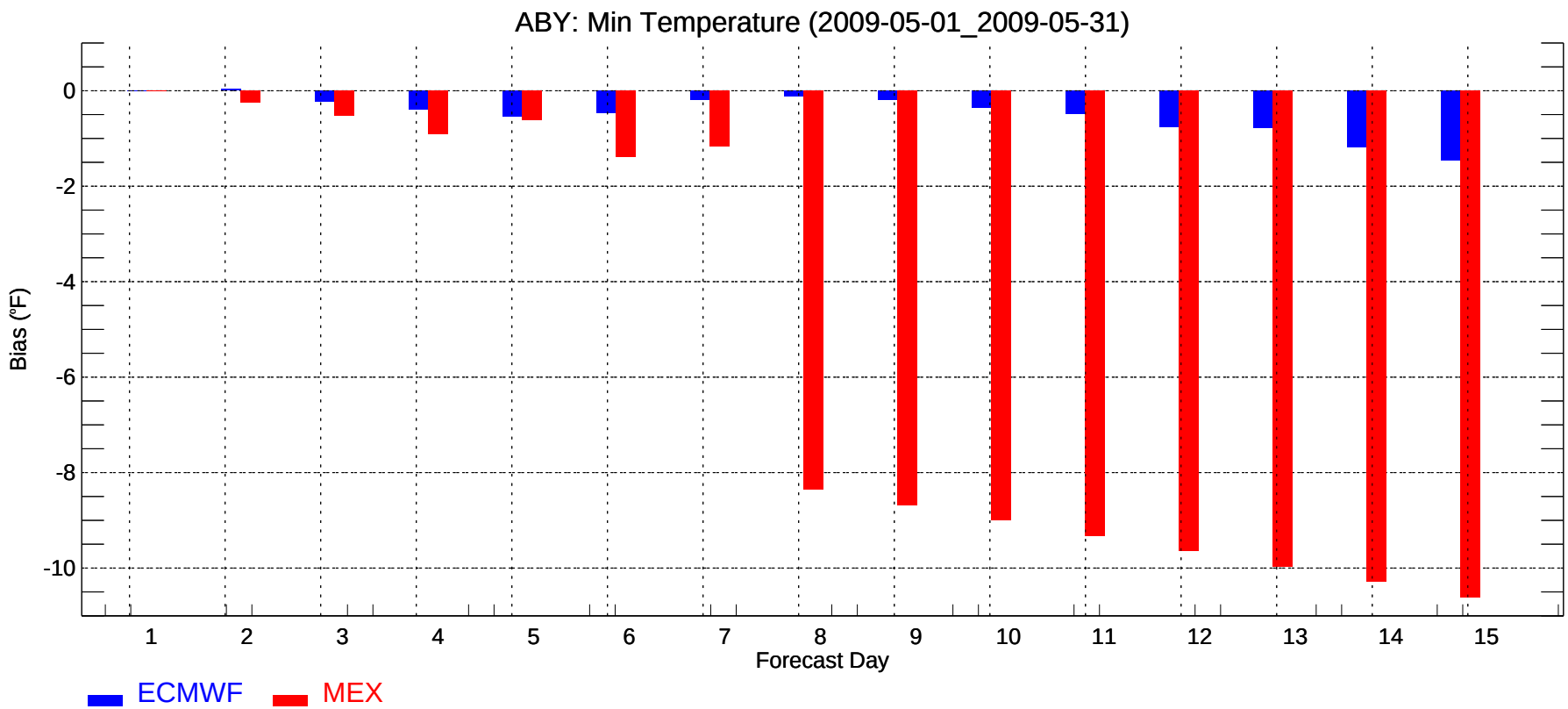
14
15
Forecast Day
ECMWF
MEX


ABY: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
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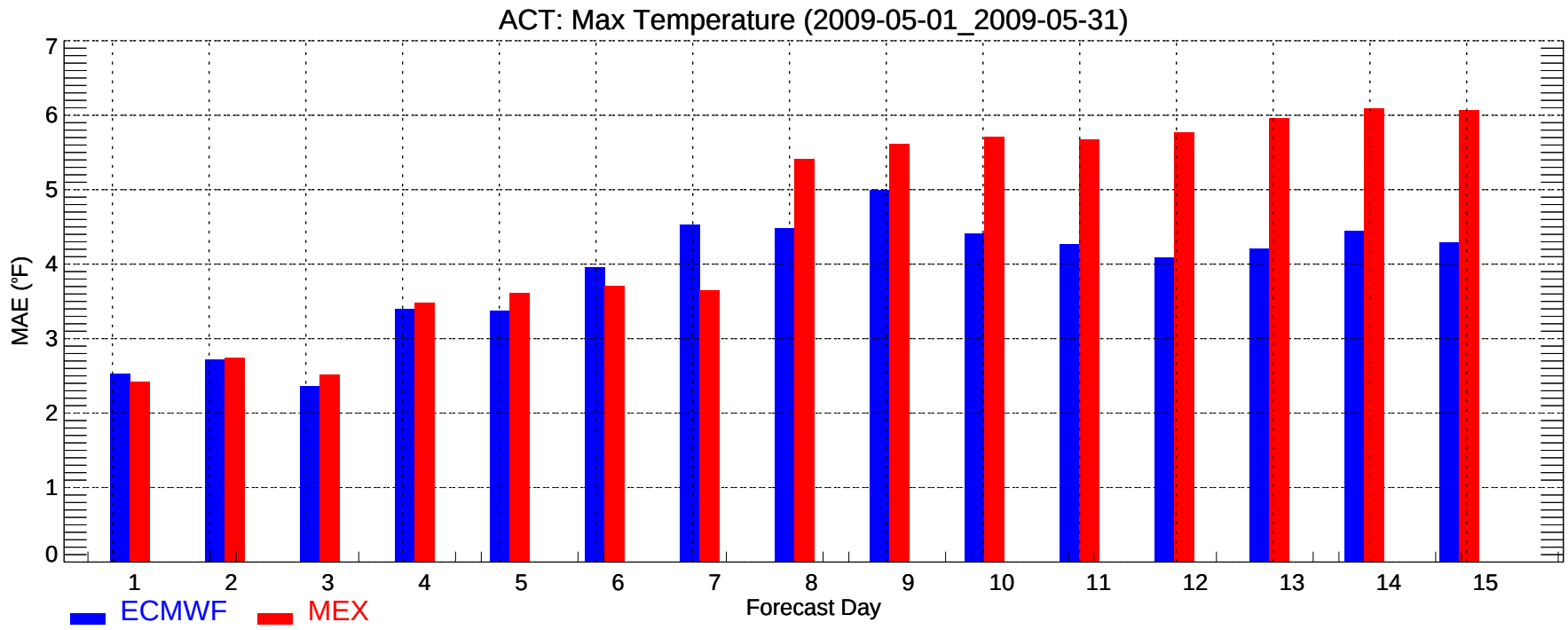
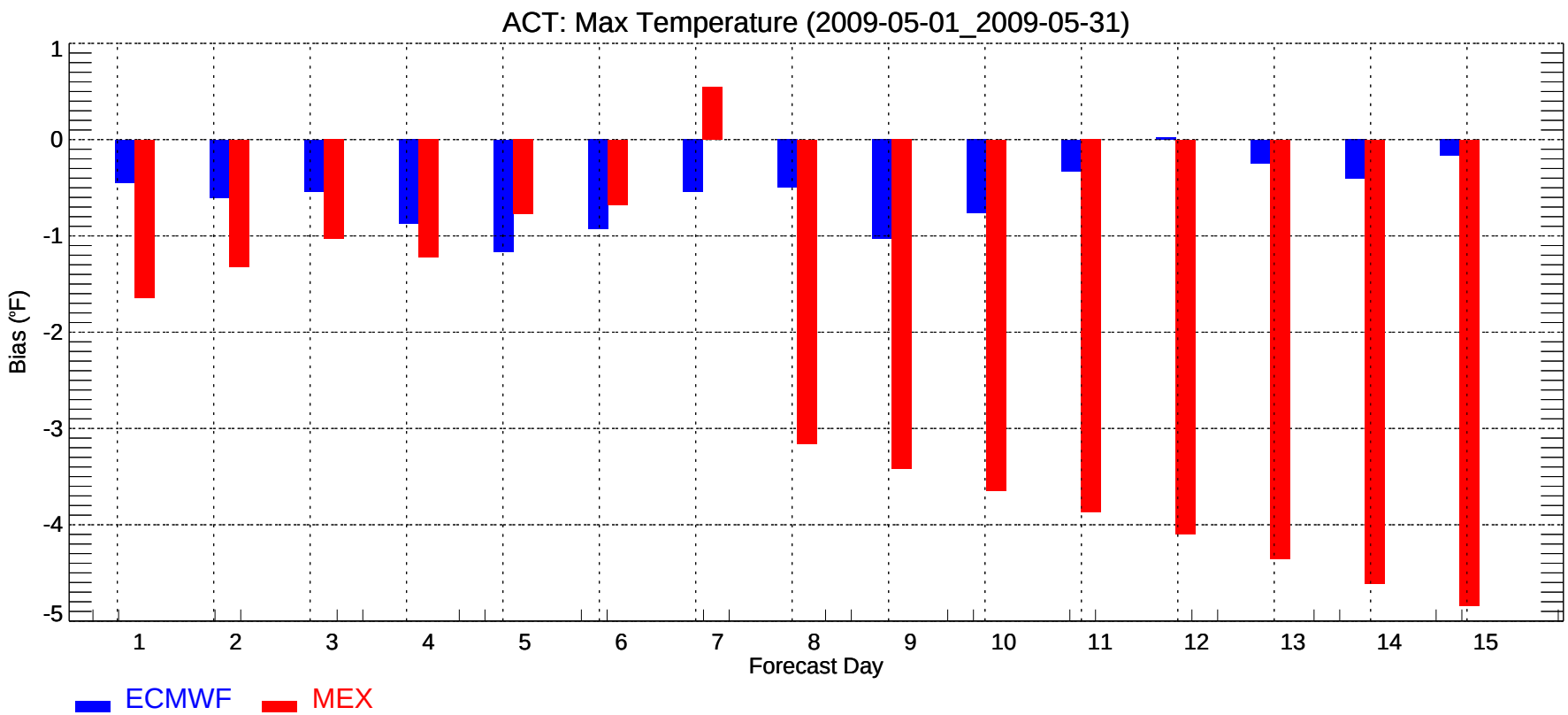
Forecast Day
ECMWF
MEX


ACT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ACT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
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14
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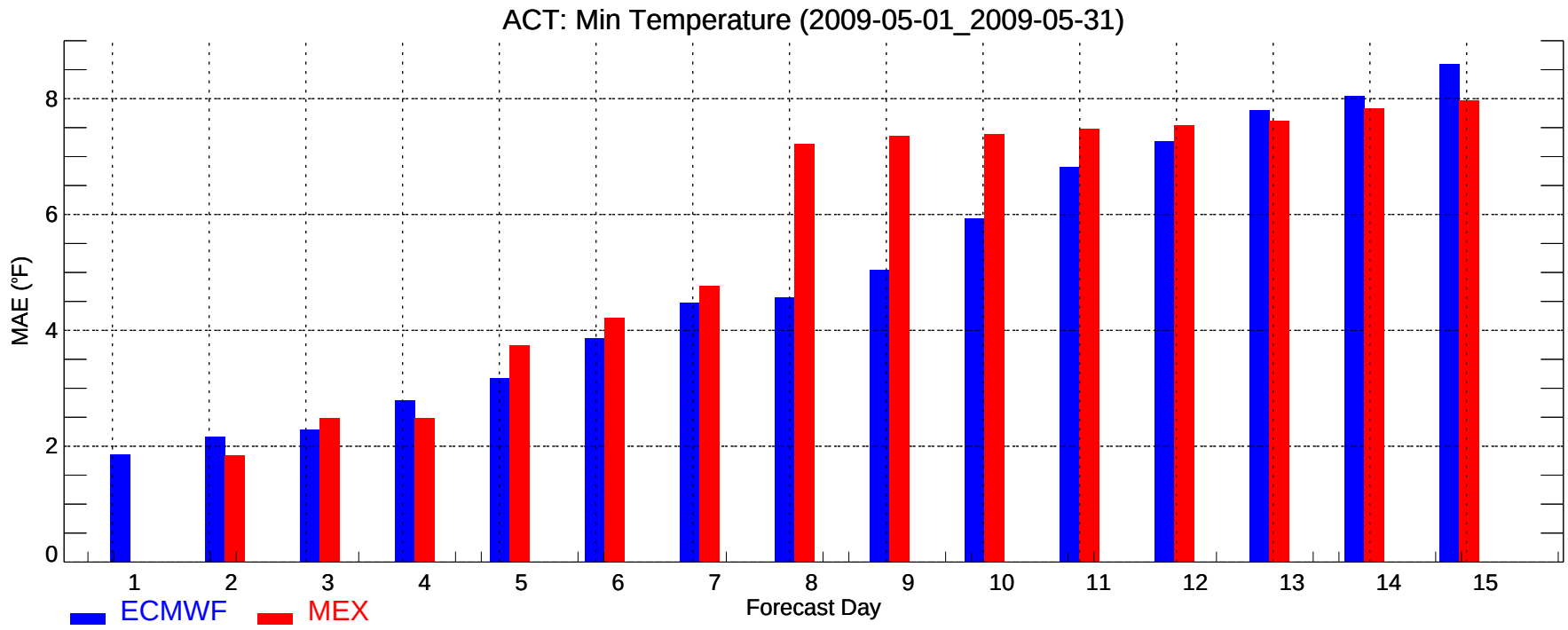
Forecast Day
ECMWF
MEX


ACT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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2
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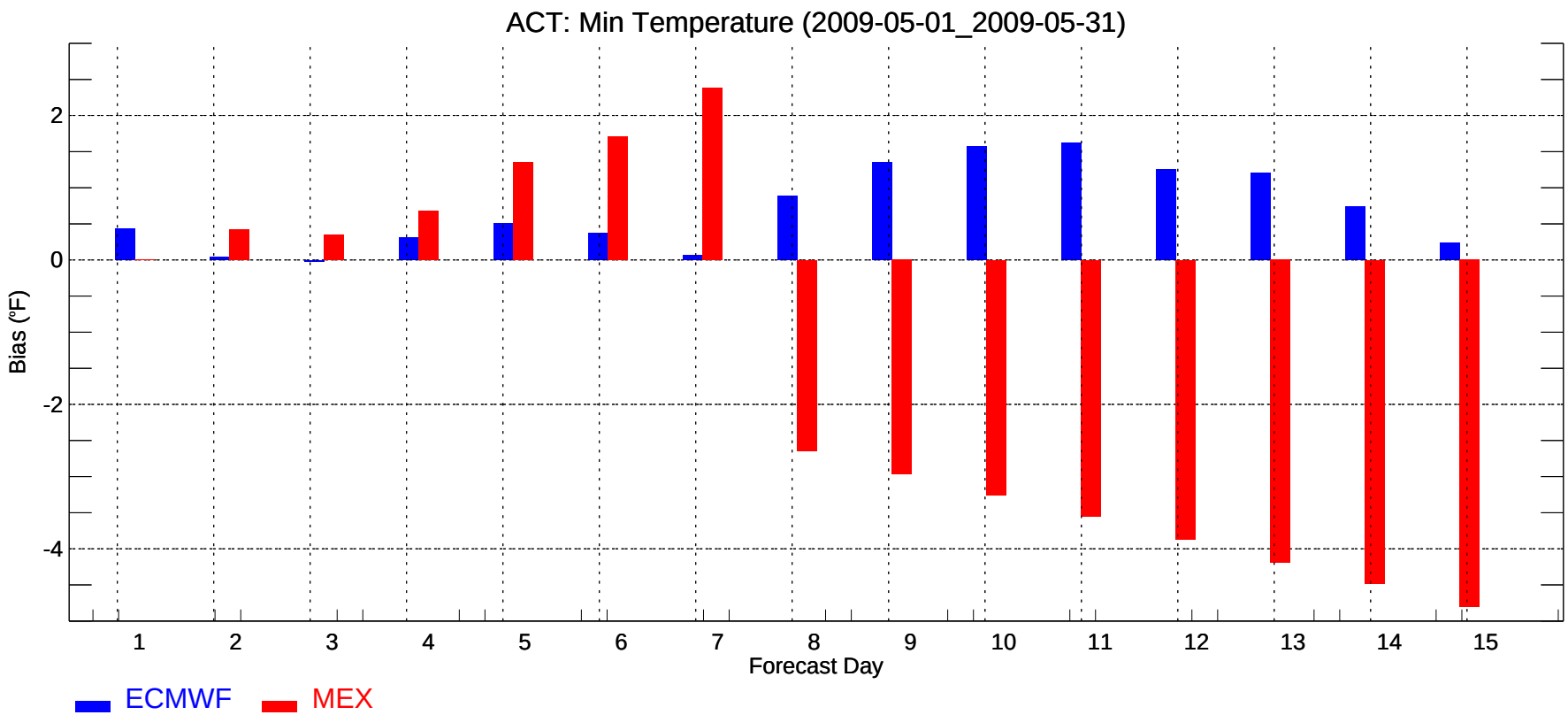
15
Forecast Day
ECMWF
MEX


ACT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
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2
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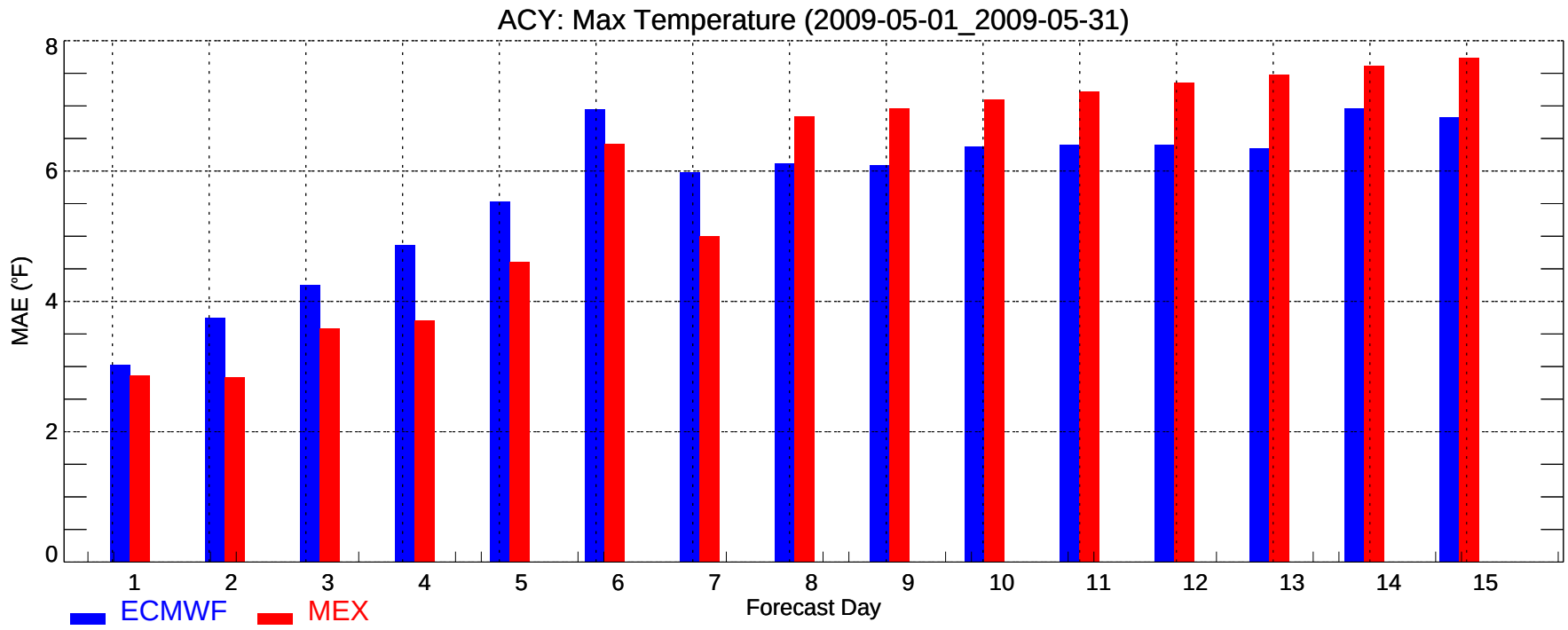
13
14
15
Forecast Day
ECMWF
MEX


ACY: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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8
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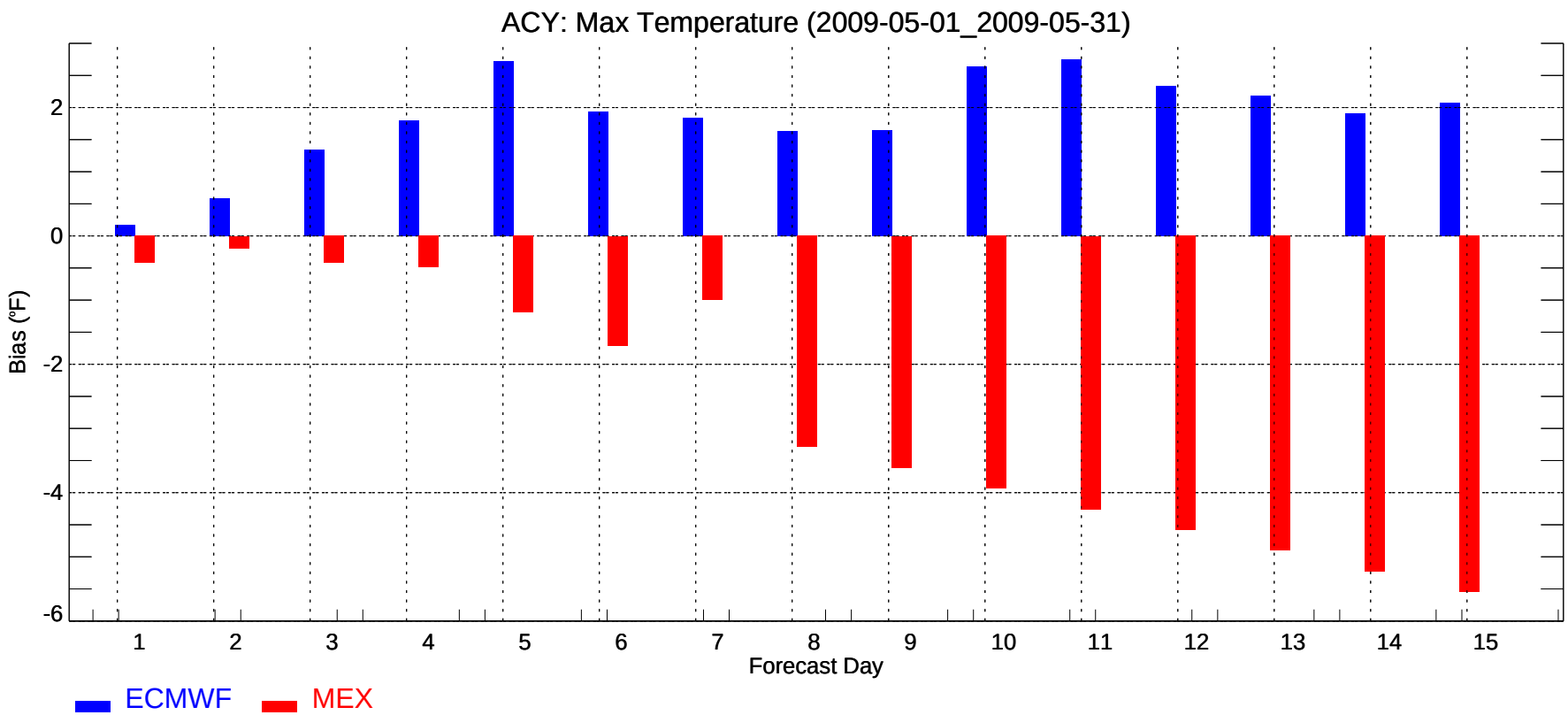
14
15
Forecast Day
ECMWF
MEX


ACY: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-2
-4
-6
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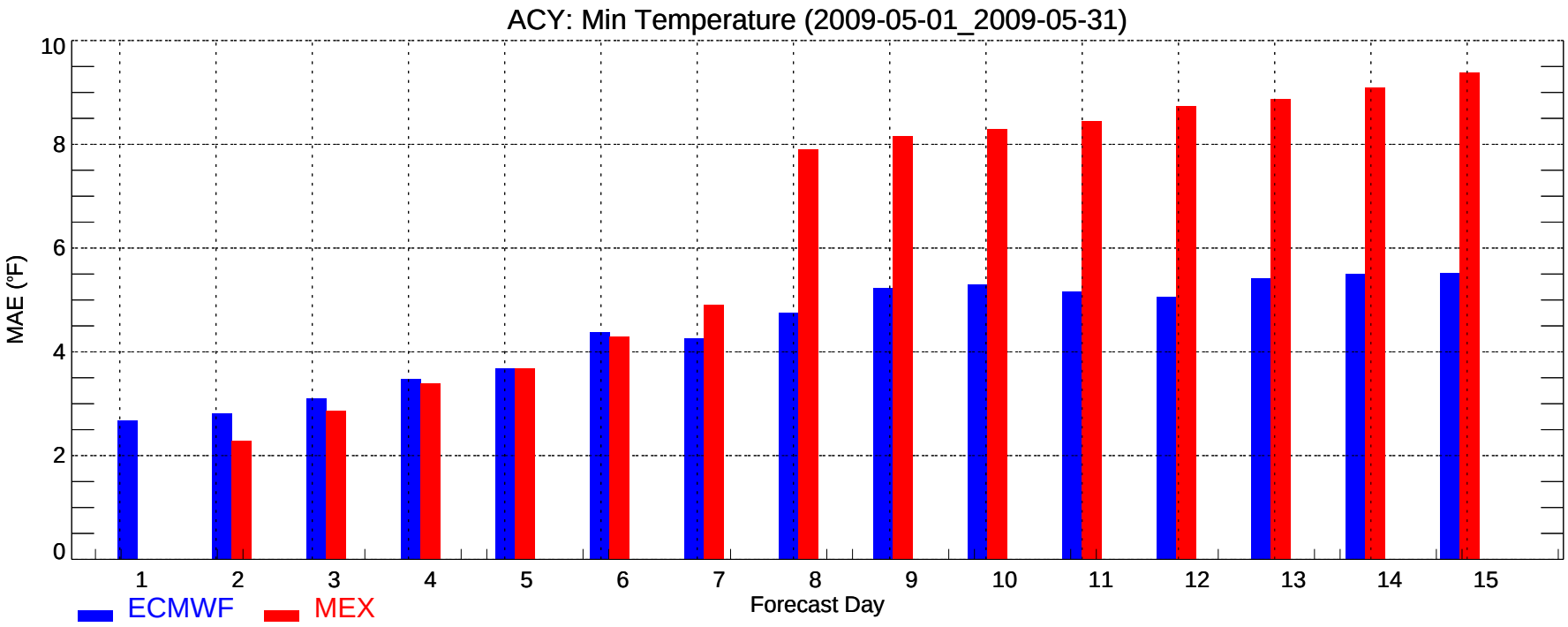
Forecast Day
ECMWF
MEX


ACY: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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1
2
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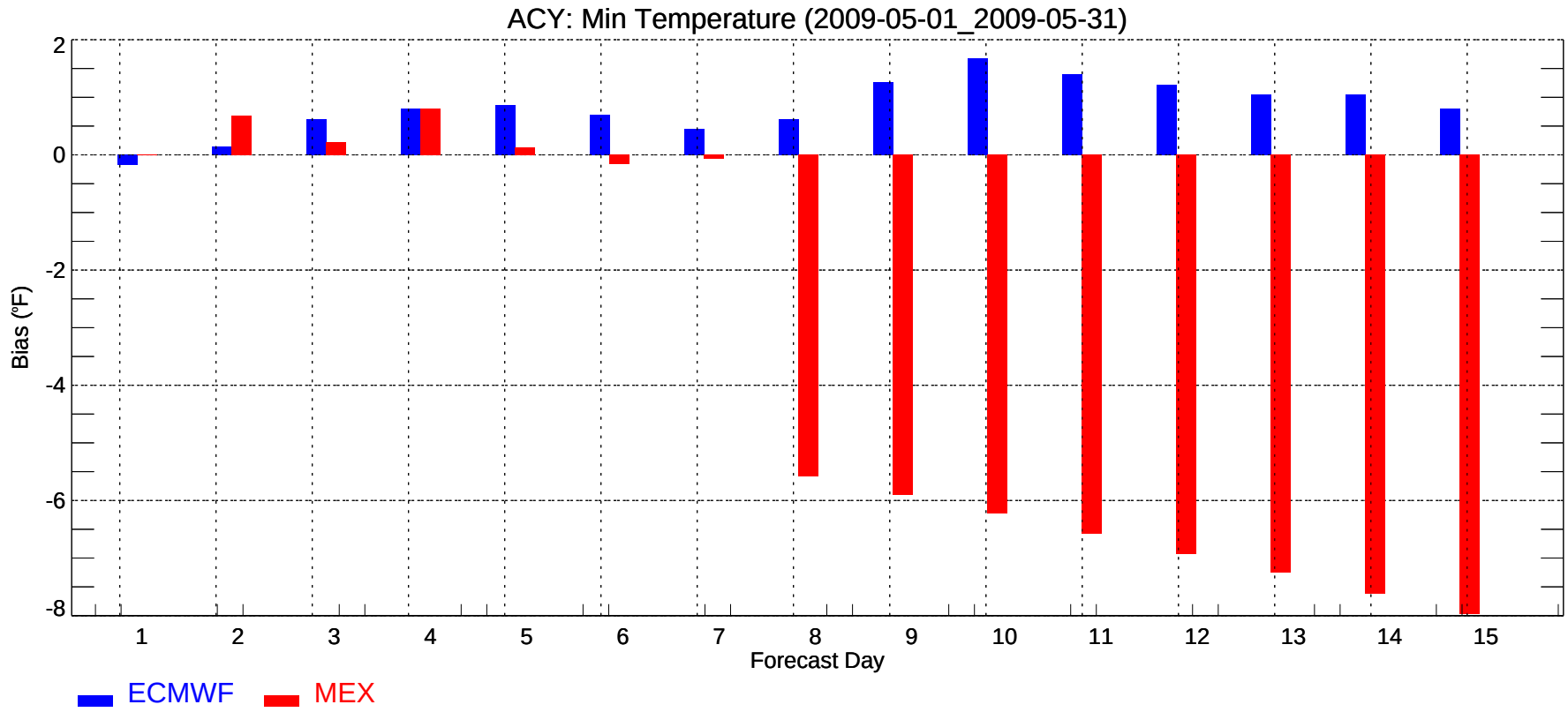
Forecast Day
ECMWF
MEX


ACY: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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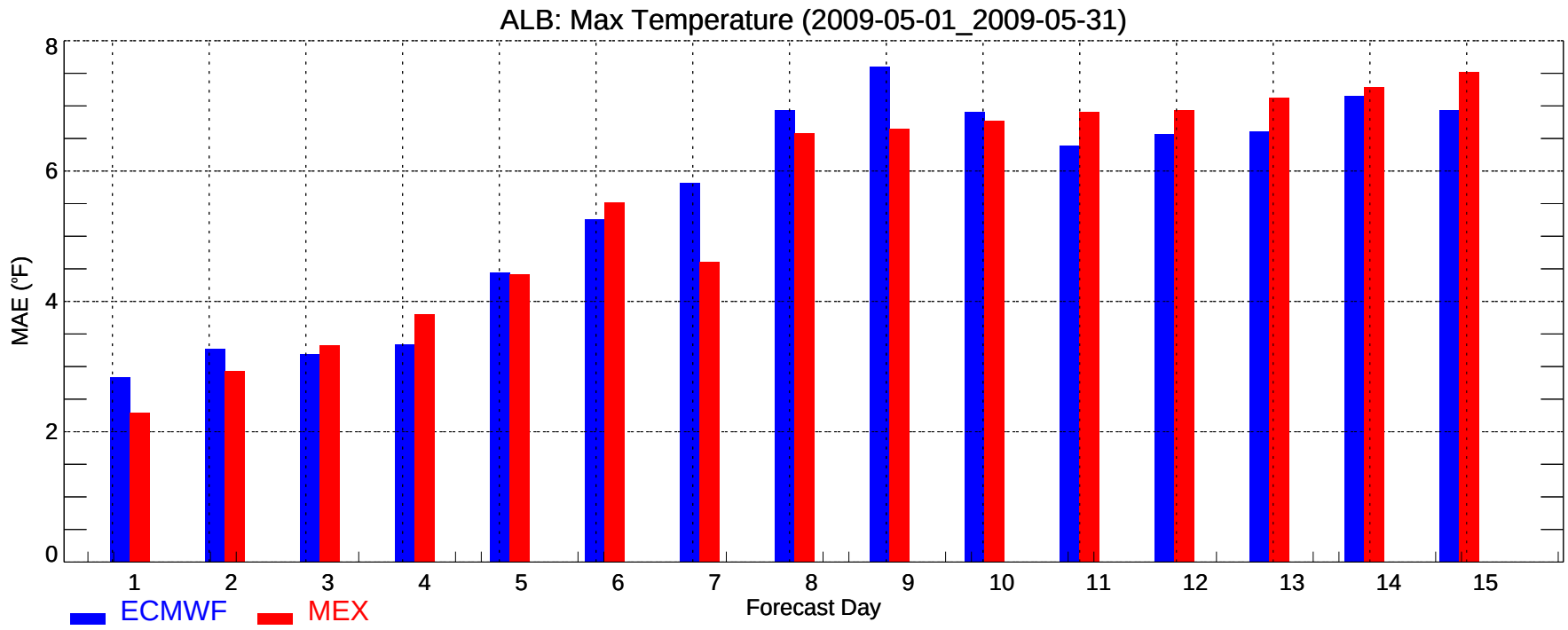
Forecast Day
ECMWF
MEX


ALB: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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2
3
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8
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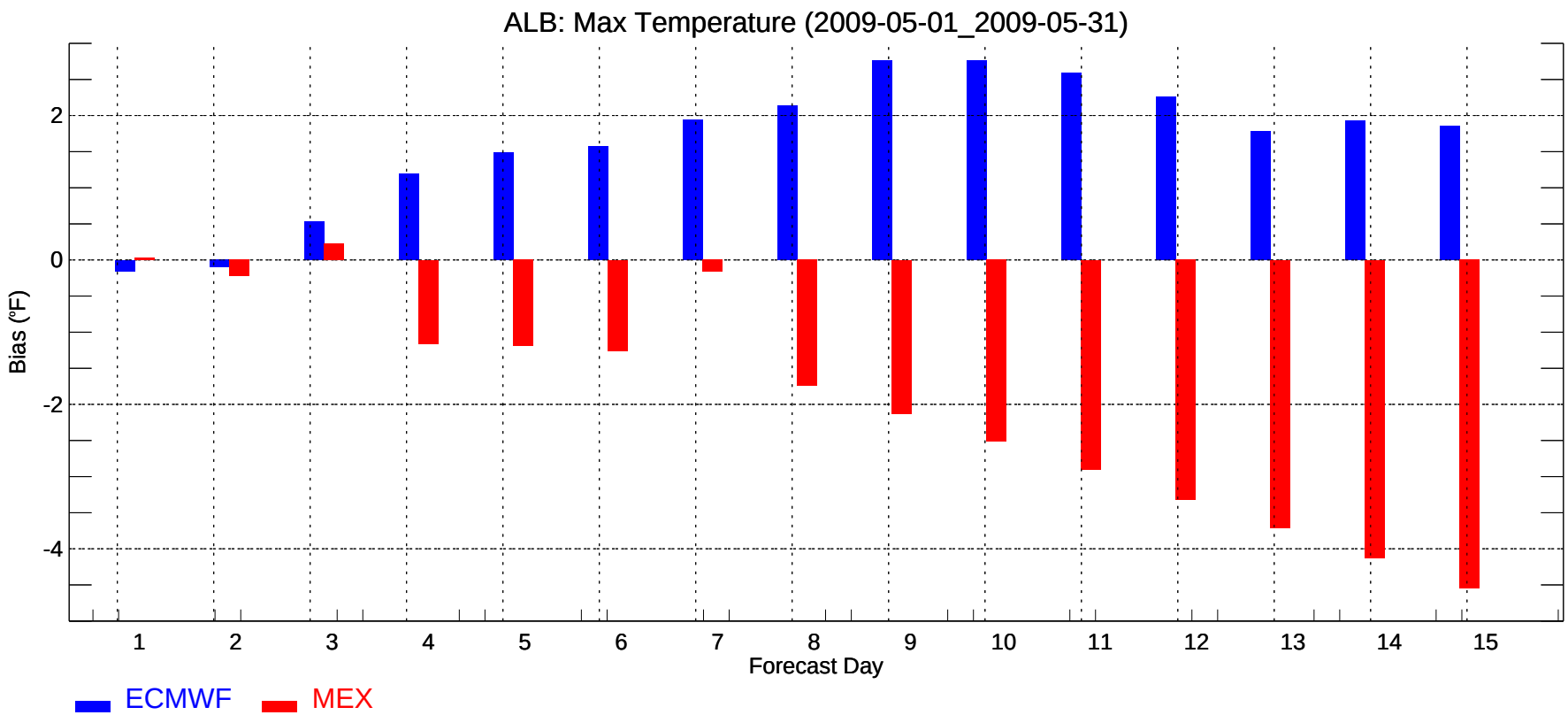
Forecast Day
ECMWF
MEX


ALB: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
1
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3
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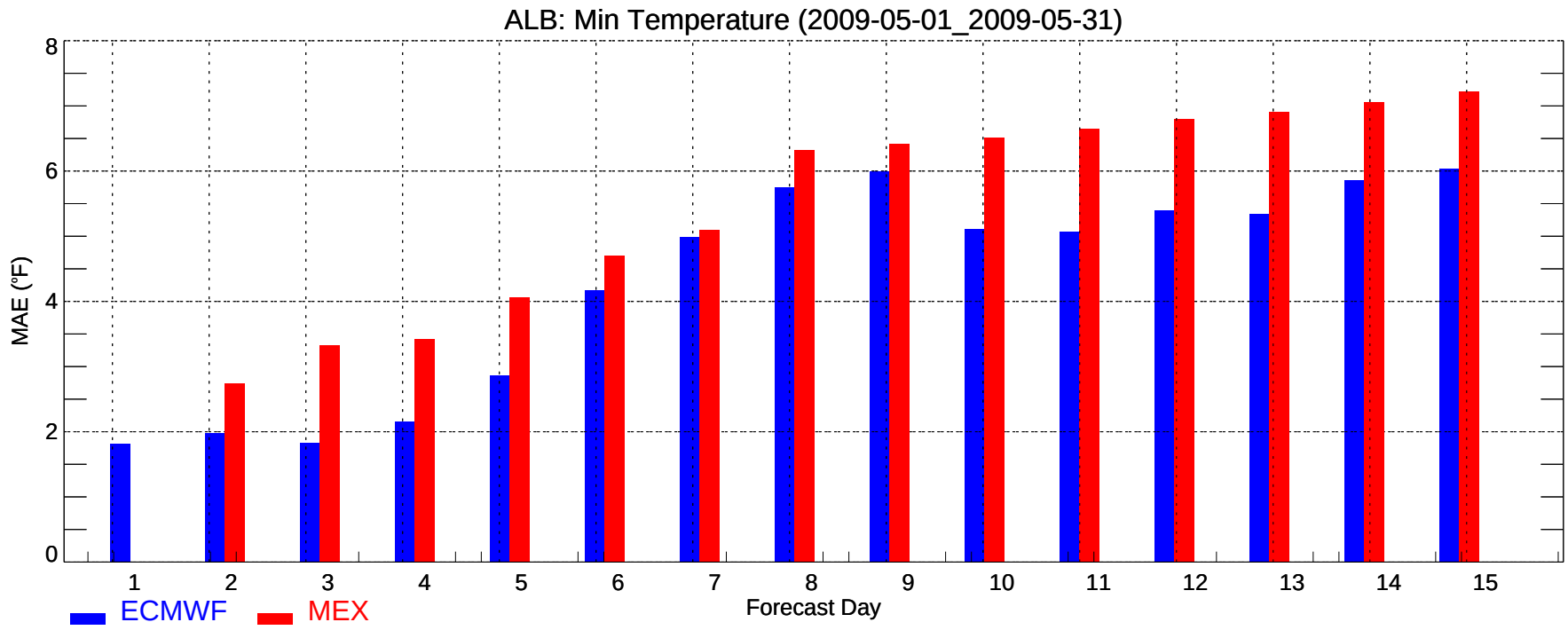
Forecast Day
ECMWF
MEX


ALB: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
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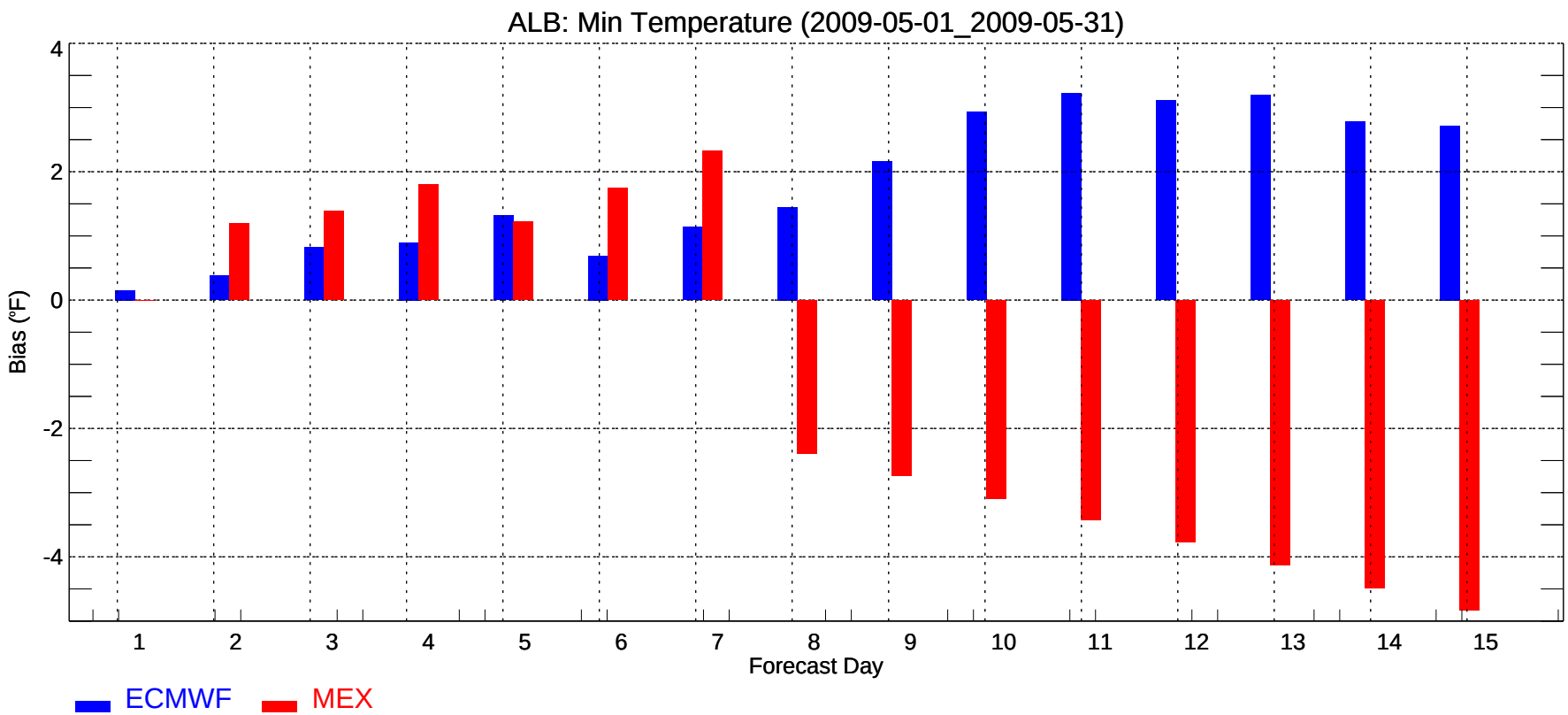
Forecast Day
ECMWF
MEX


ALB: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
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2
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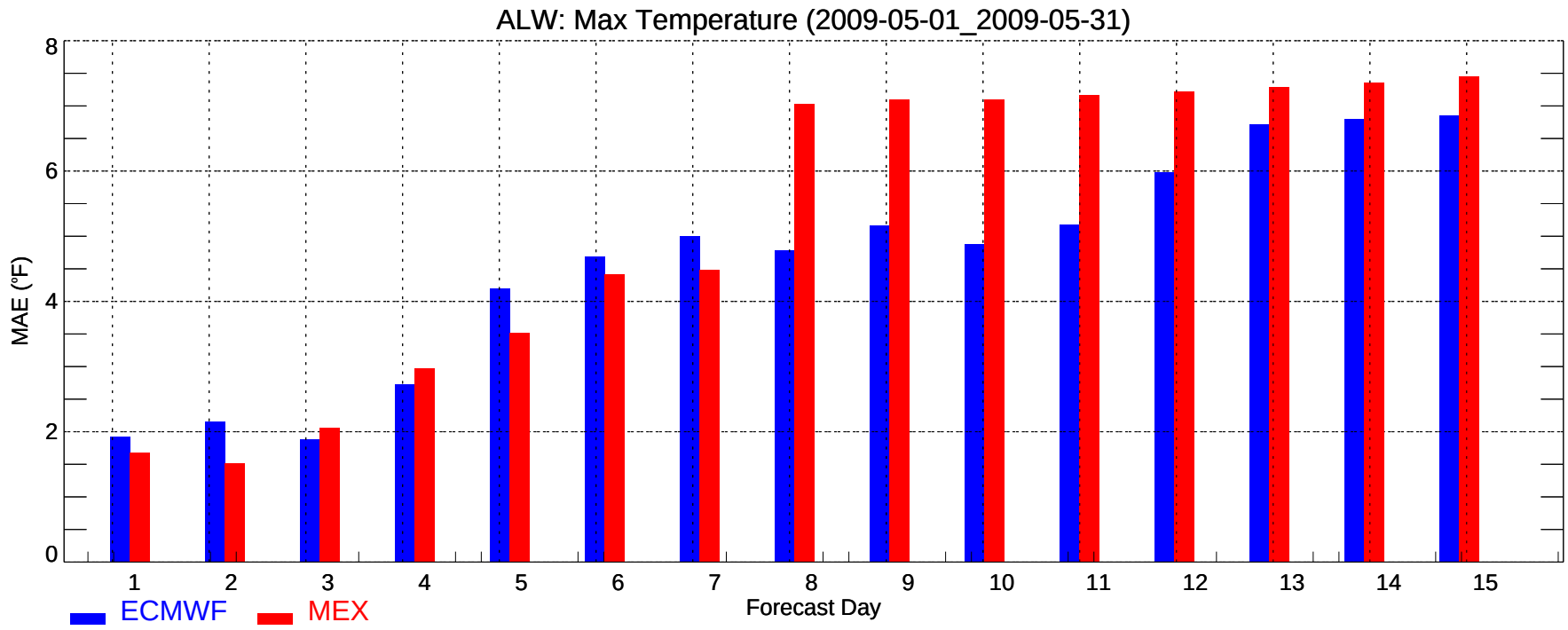
Forecast Day
ECMWF
MEX


ALW: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
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2
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6
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8
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10
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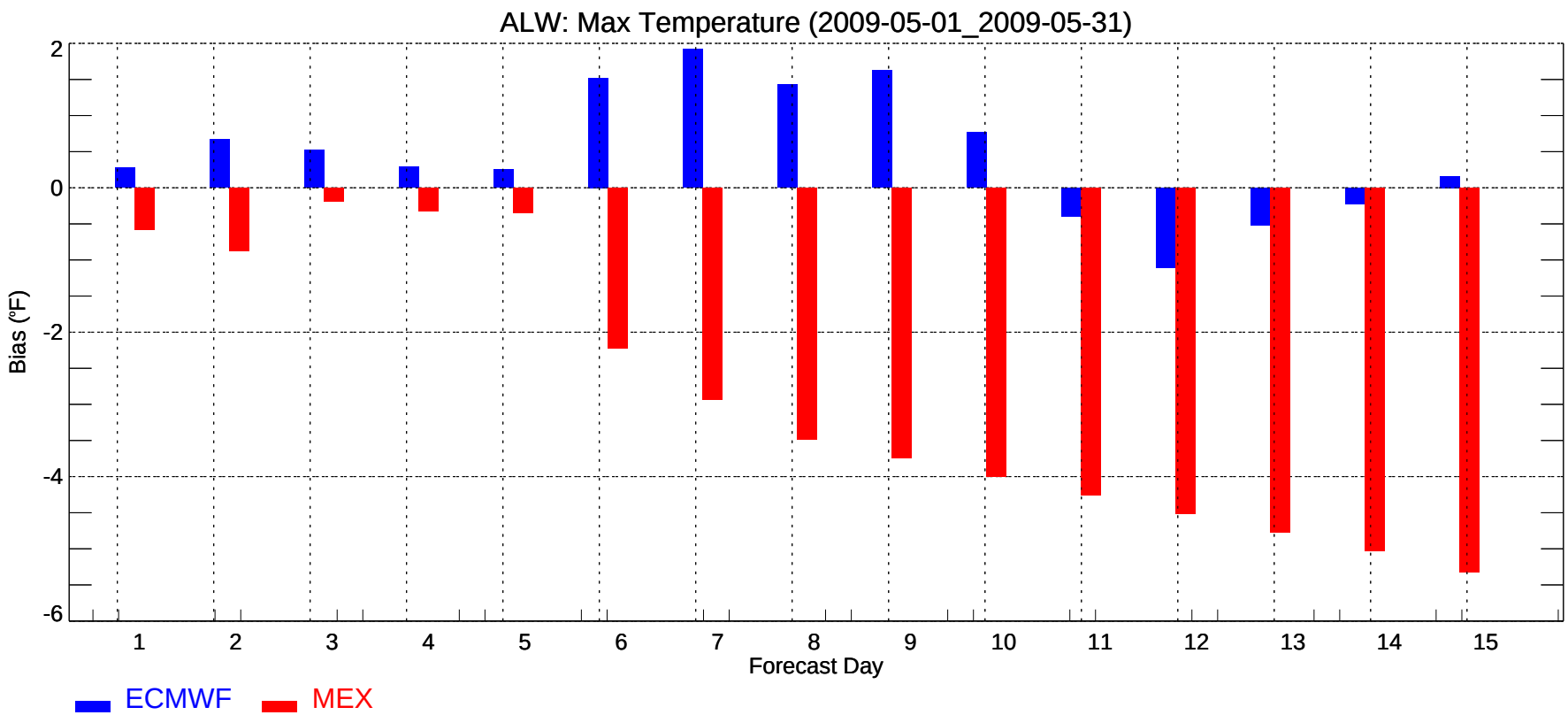
13
14
15
Forecast Day
ECMWF
MEX


ALW: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
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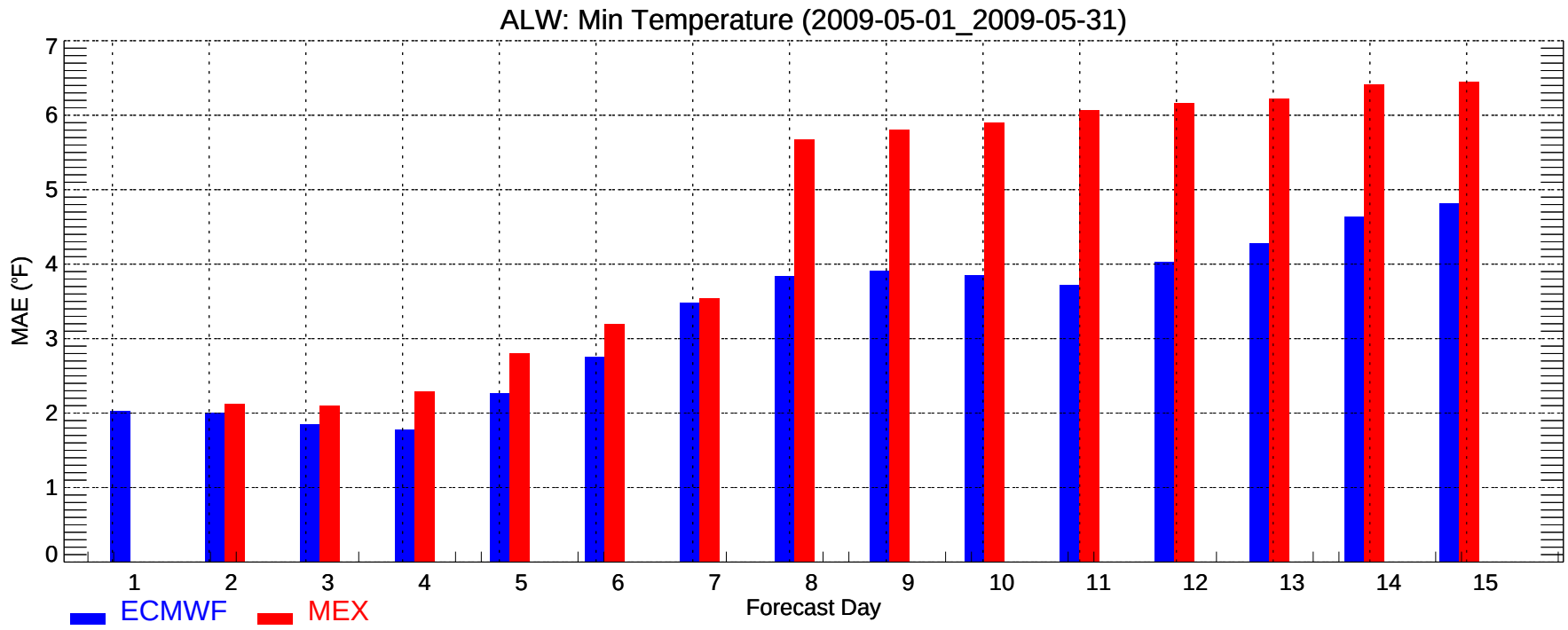
Forecast Day
ECMWF
MEX


ALW: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
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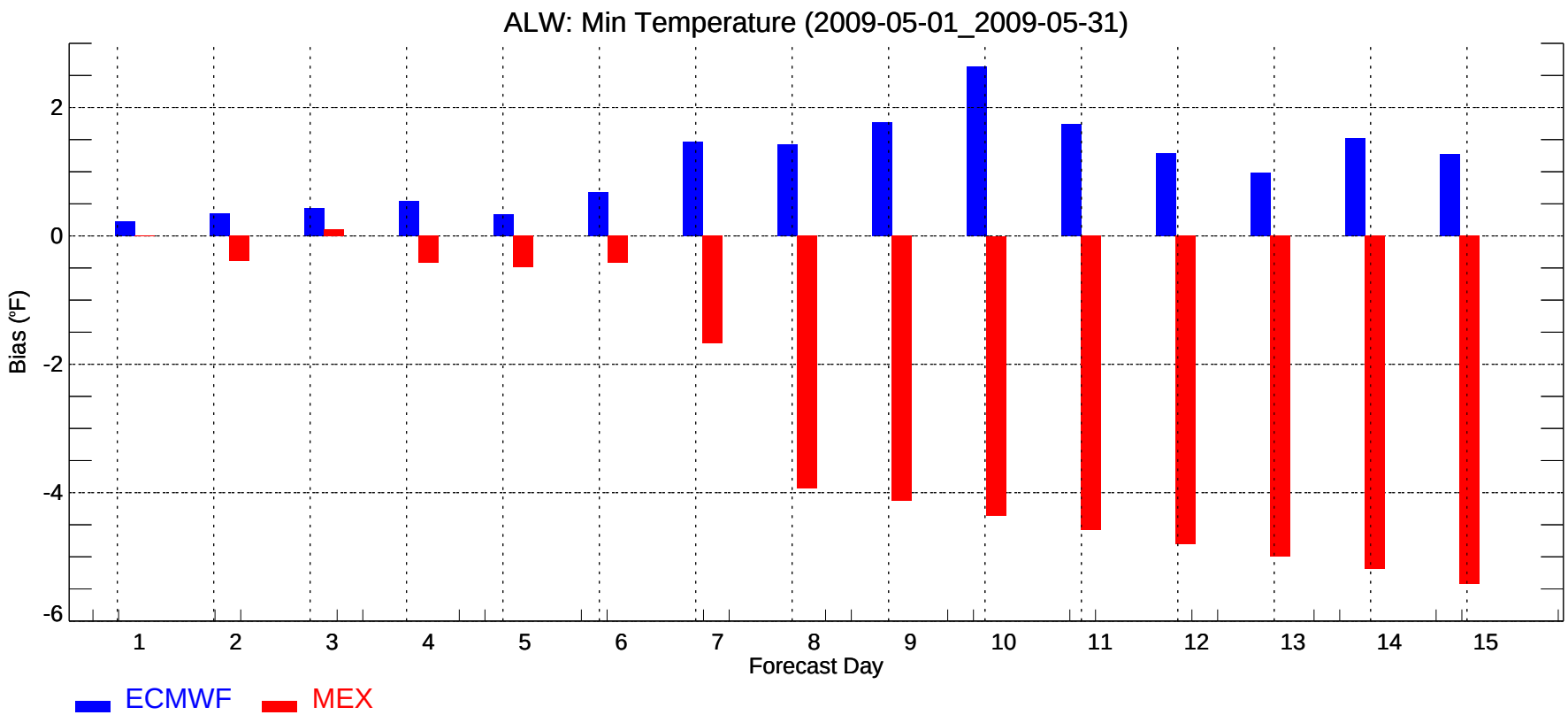
Forecast Day
ECMWF
MEX


ALW: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
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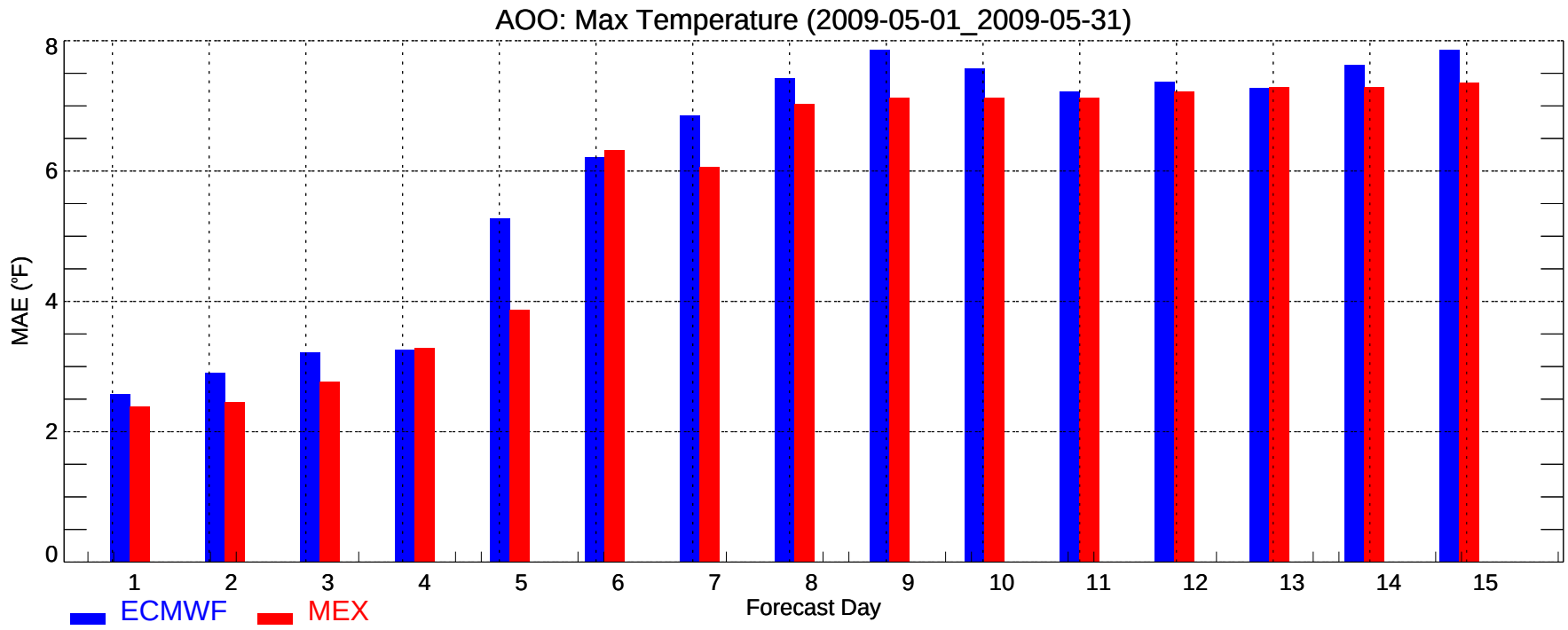
Forecast Day
ECMWF
MEX


AOO: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
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8
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14
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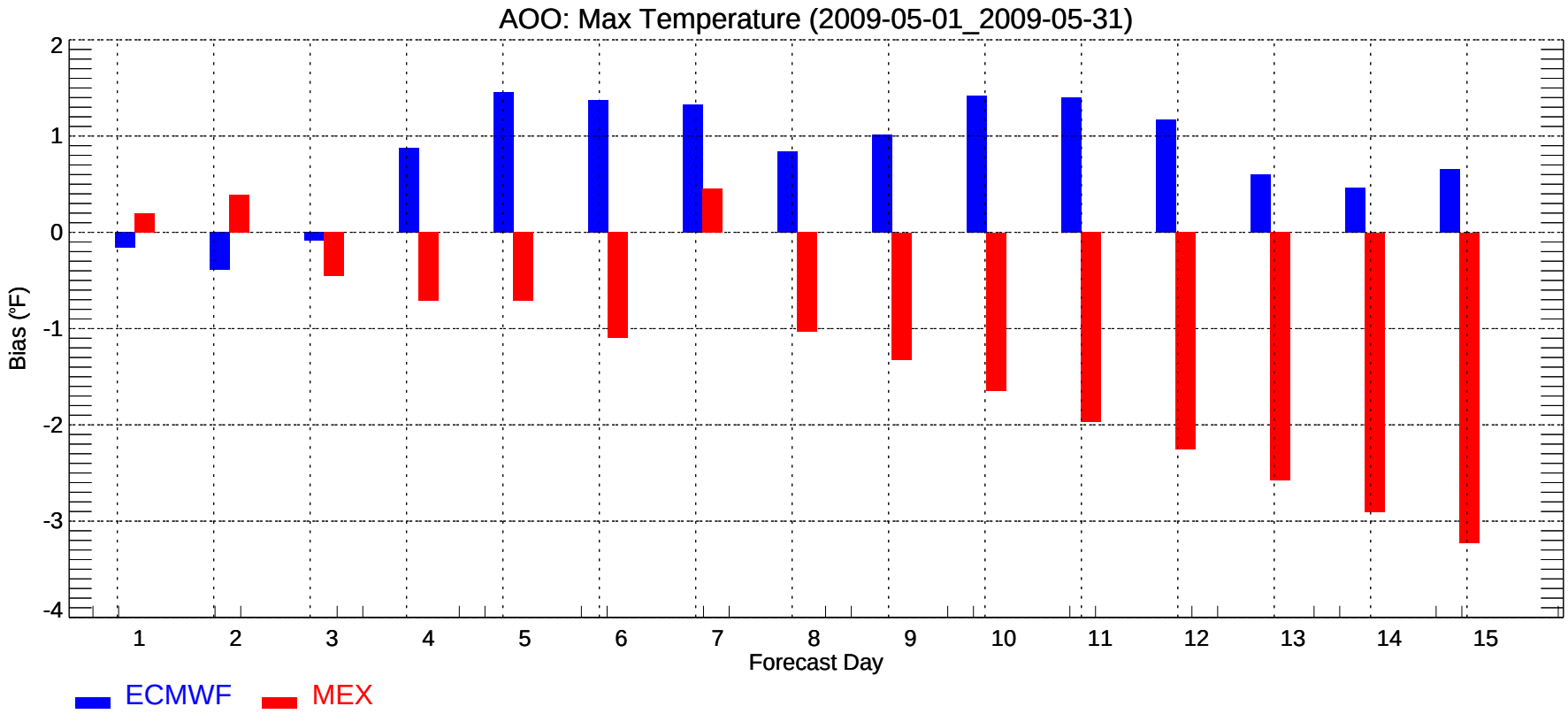
Forecast Day
ECMWF
MEX


AOO: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
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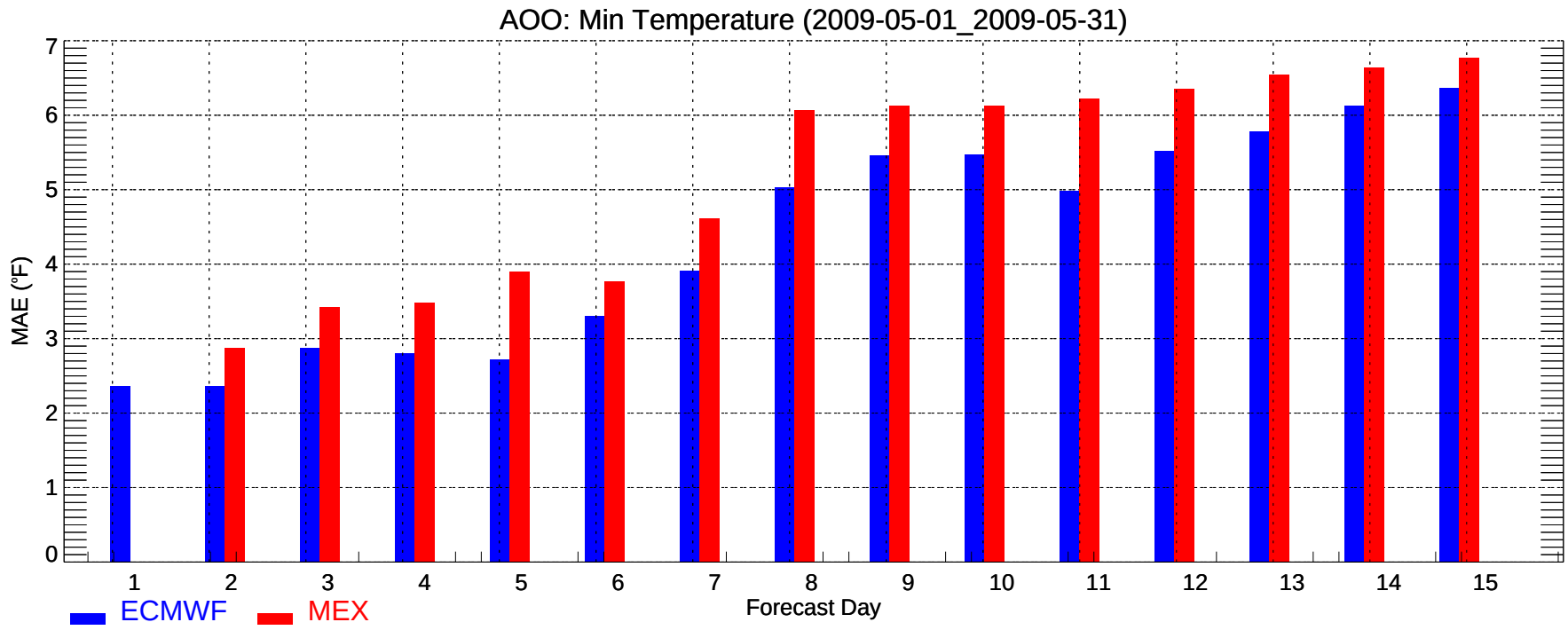
Forecast Day
ECMWF
MEX


AOO: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
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1
2
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8
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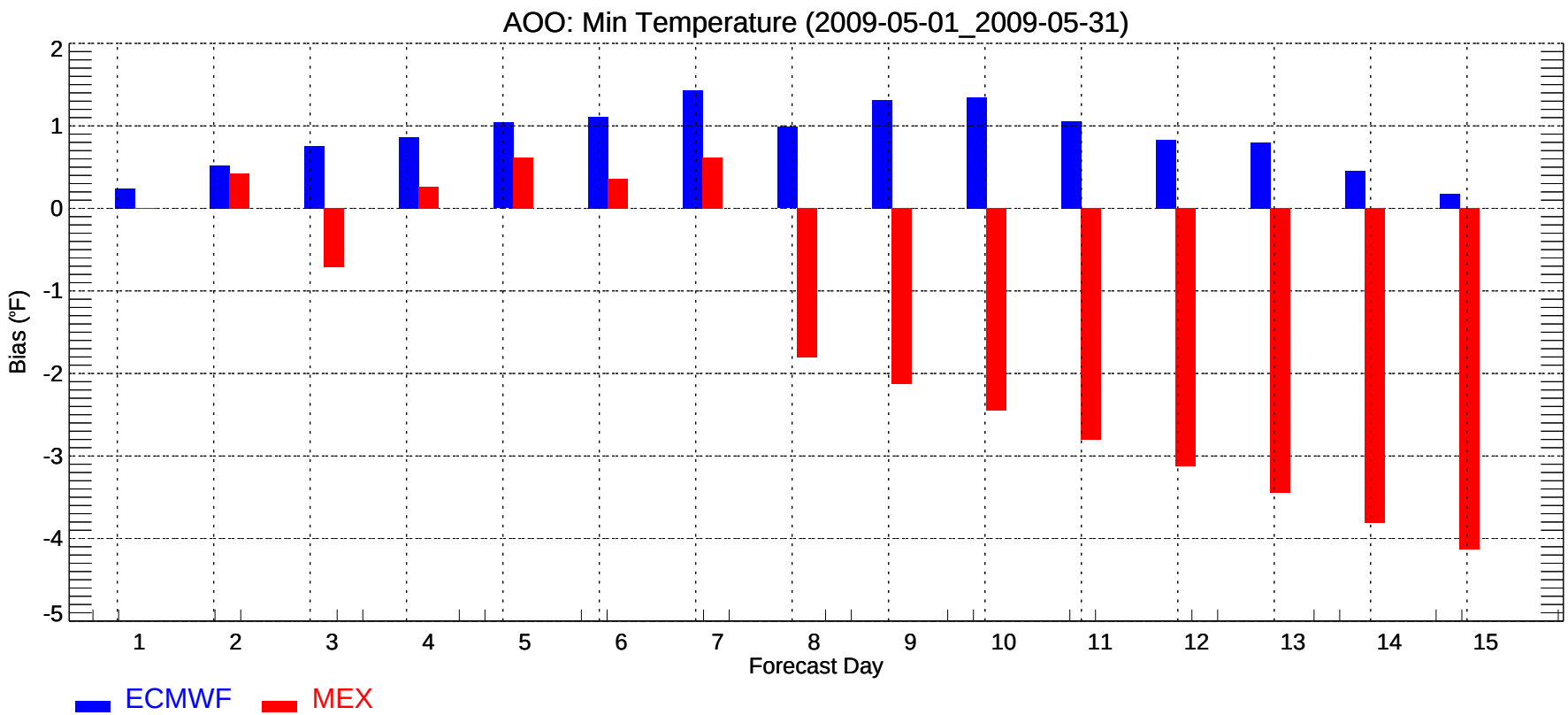
Forecast Day
ECMWF
MEX


AOO: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
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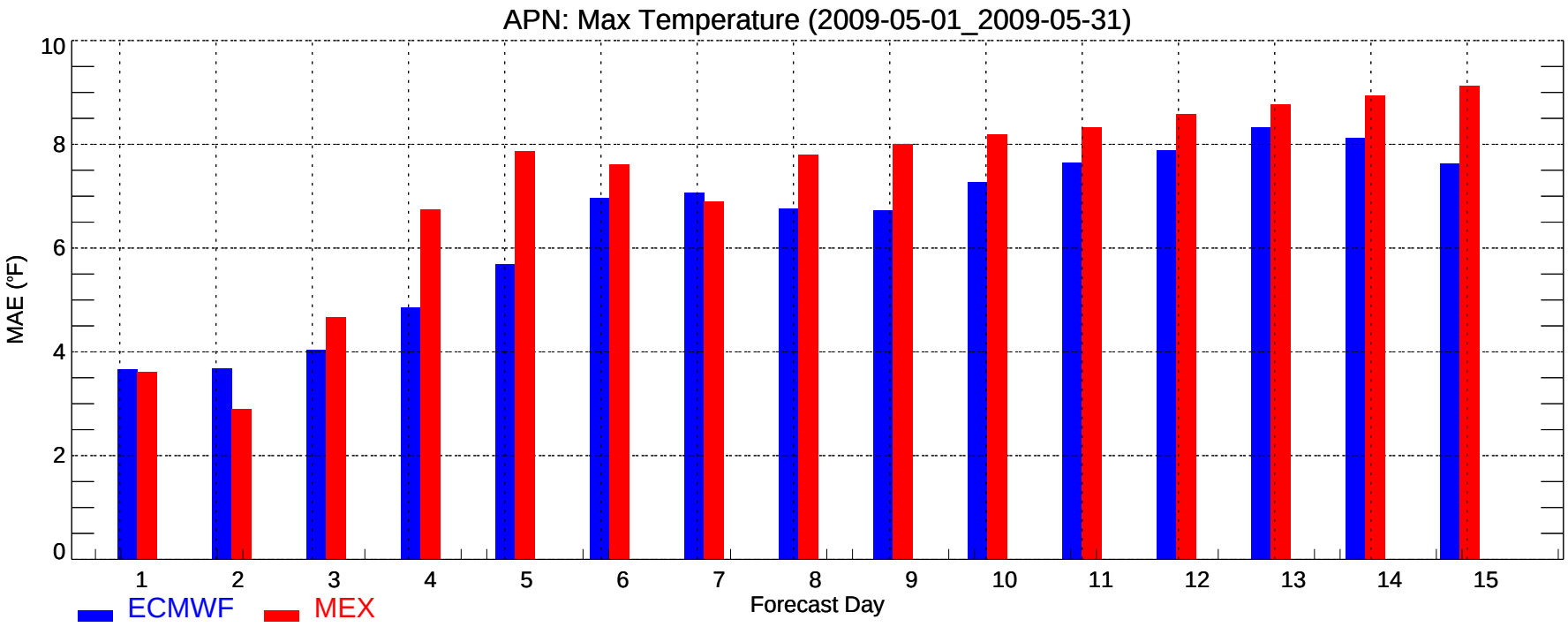
Forecast Day
ECMWF
MEX


APN: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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4
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8
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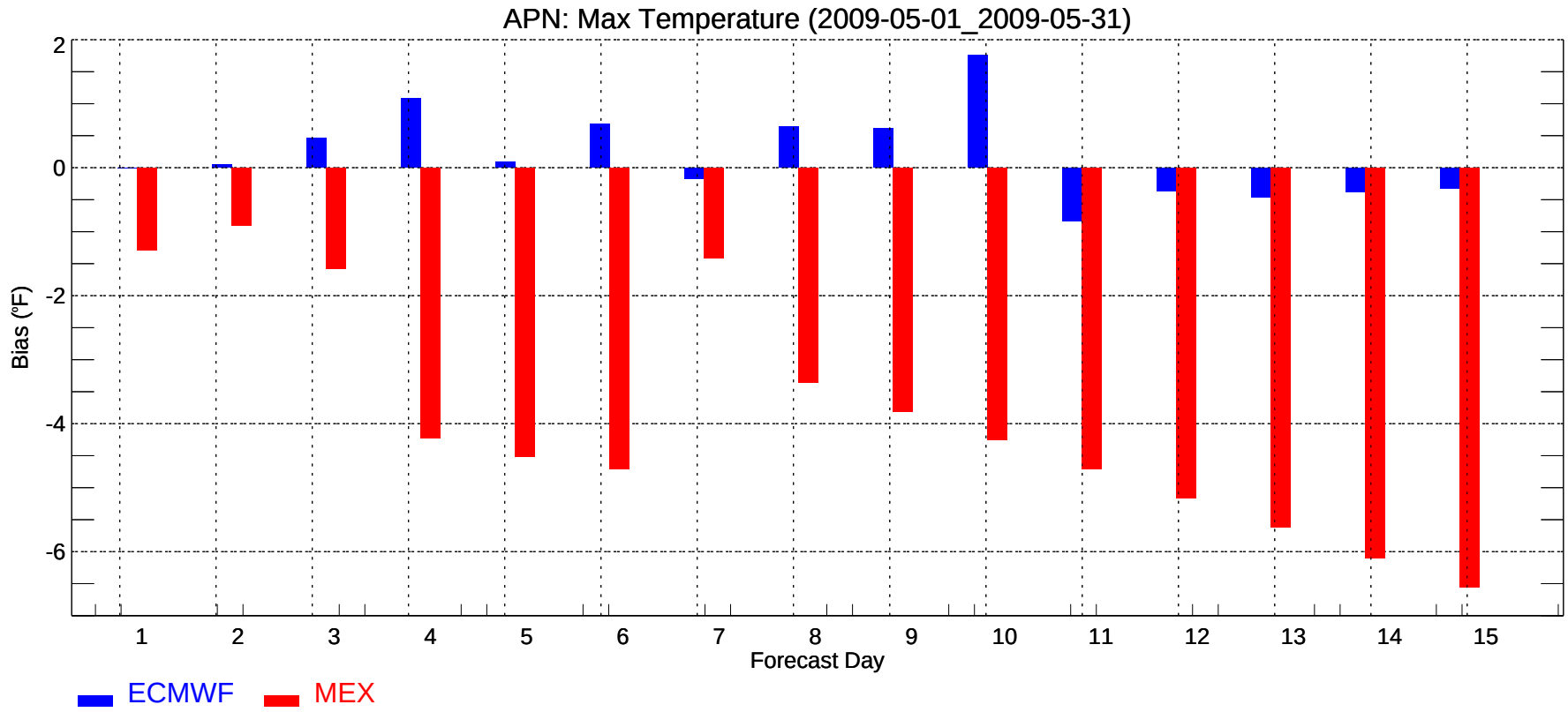
Forecast Day
ECMWF
MEX


APN: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
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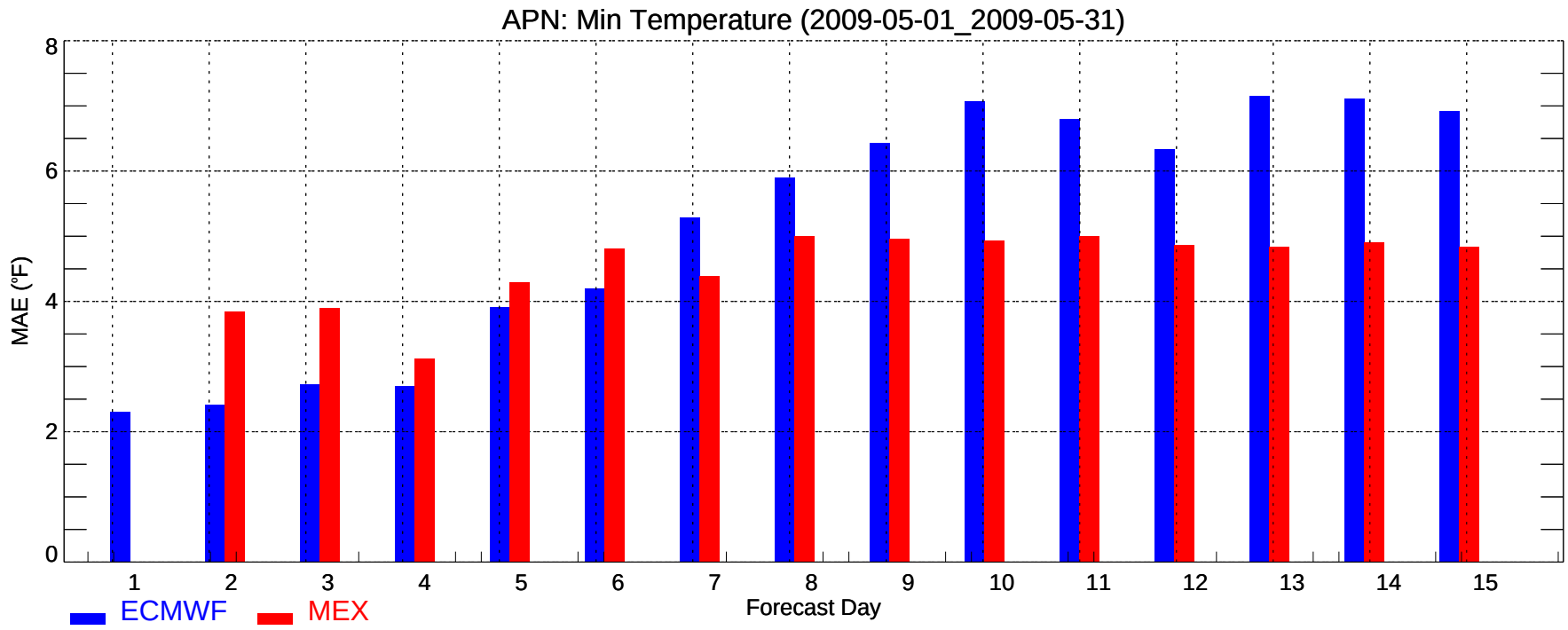
Forecast Day
ECMWF
MEX


APN: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
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1
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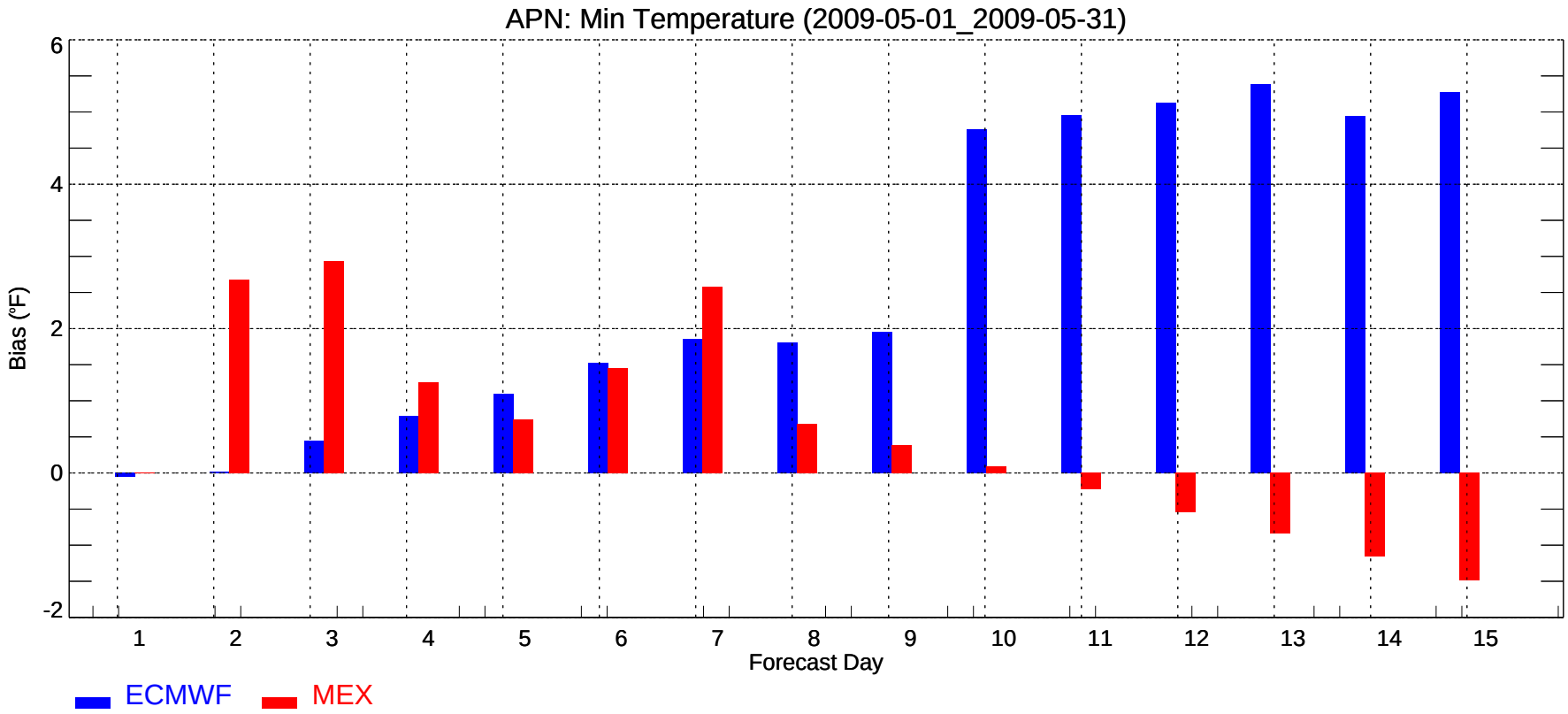
15
Forecast Day
ECMWF
MEX


APN: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
-2
0
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4
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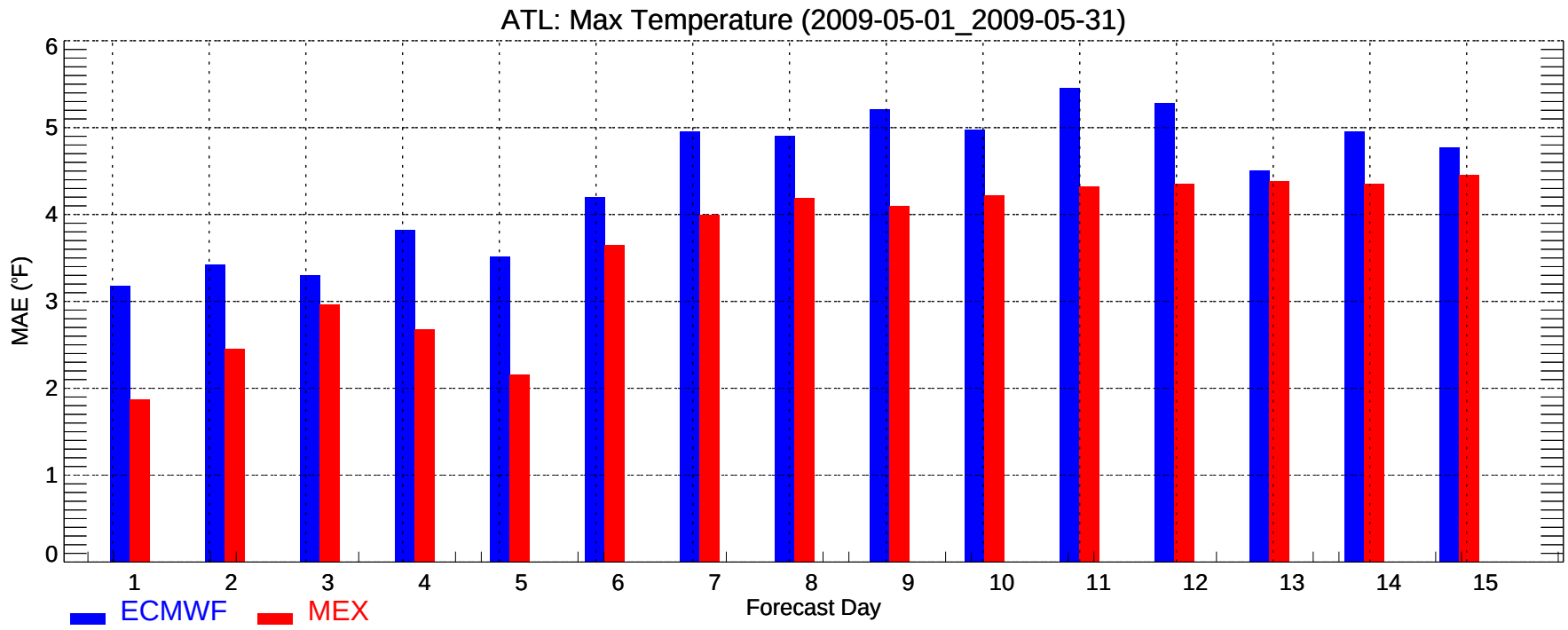
Forecast Day
ECMWF
MEX


ATL: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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2
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4
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6
1
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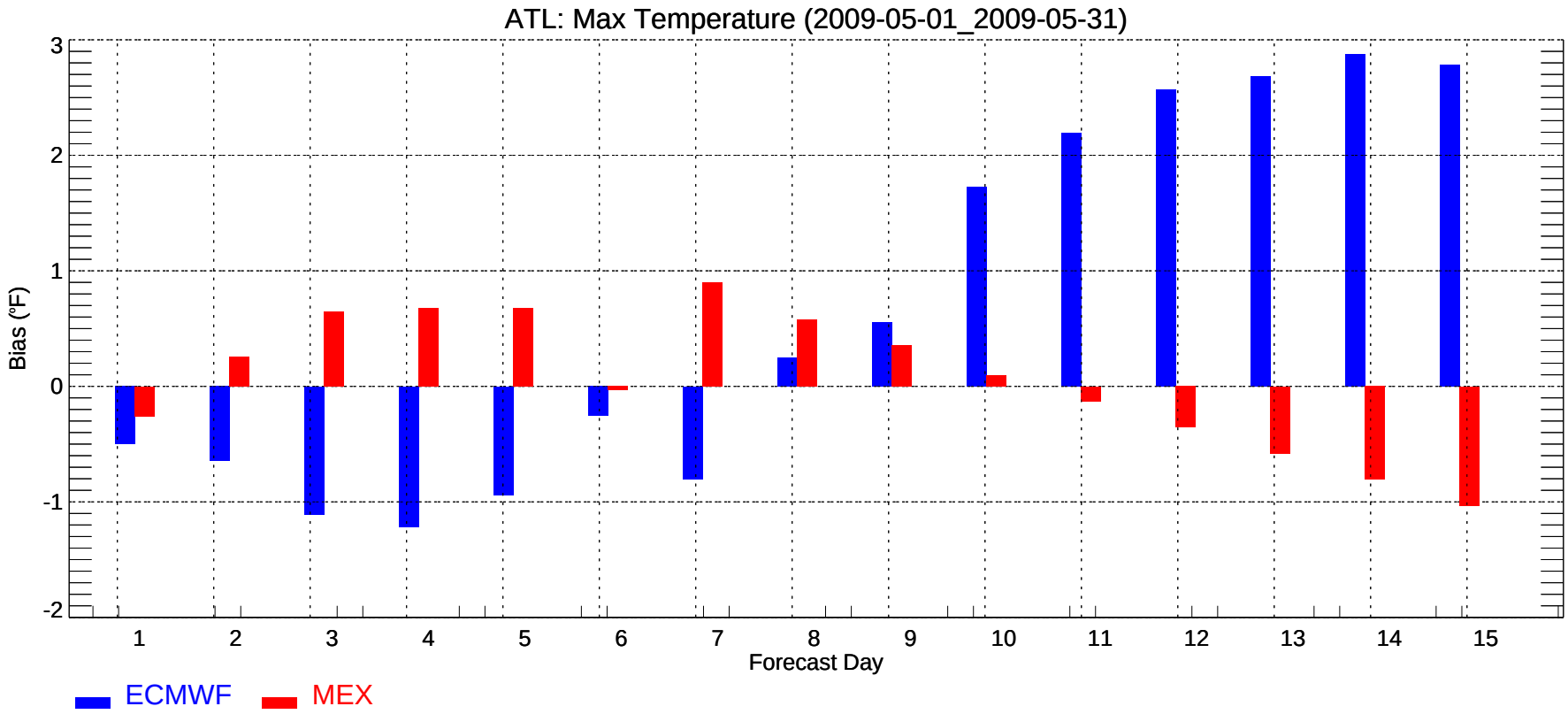
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ATL: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
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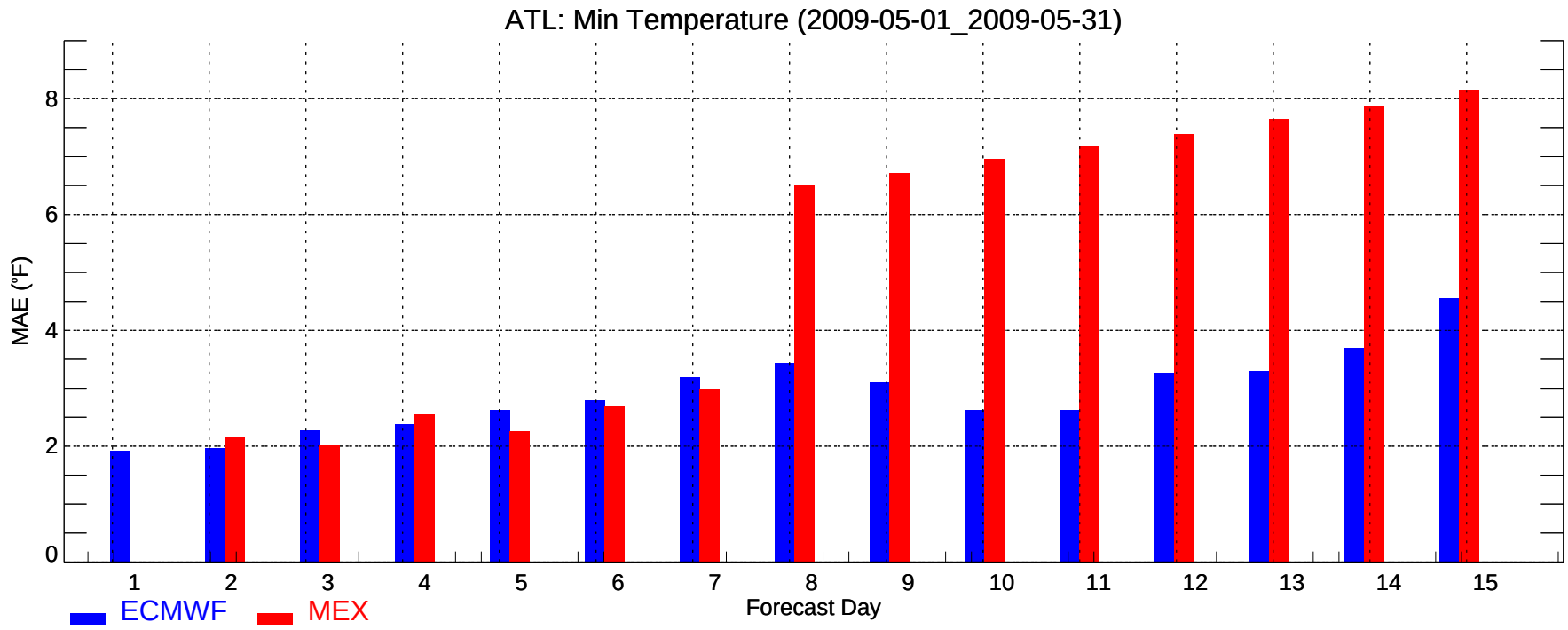
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ATL: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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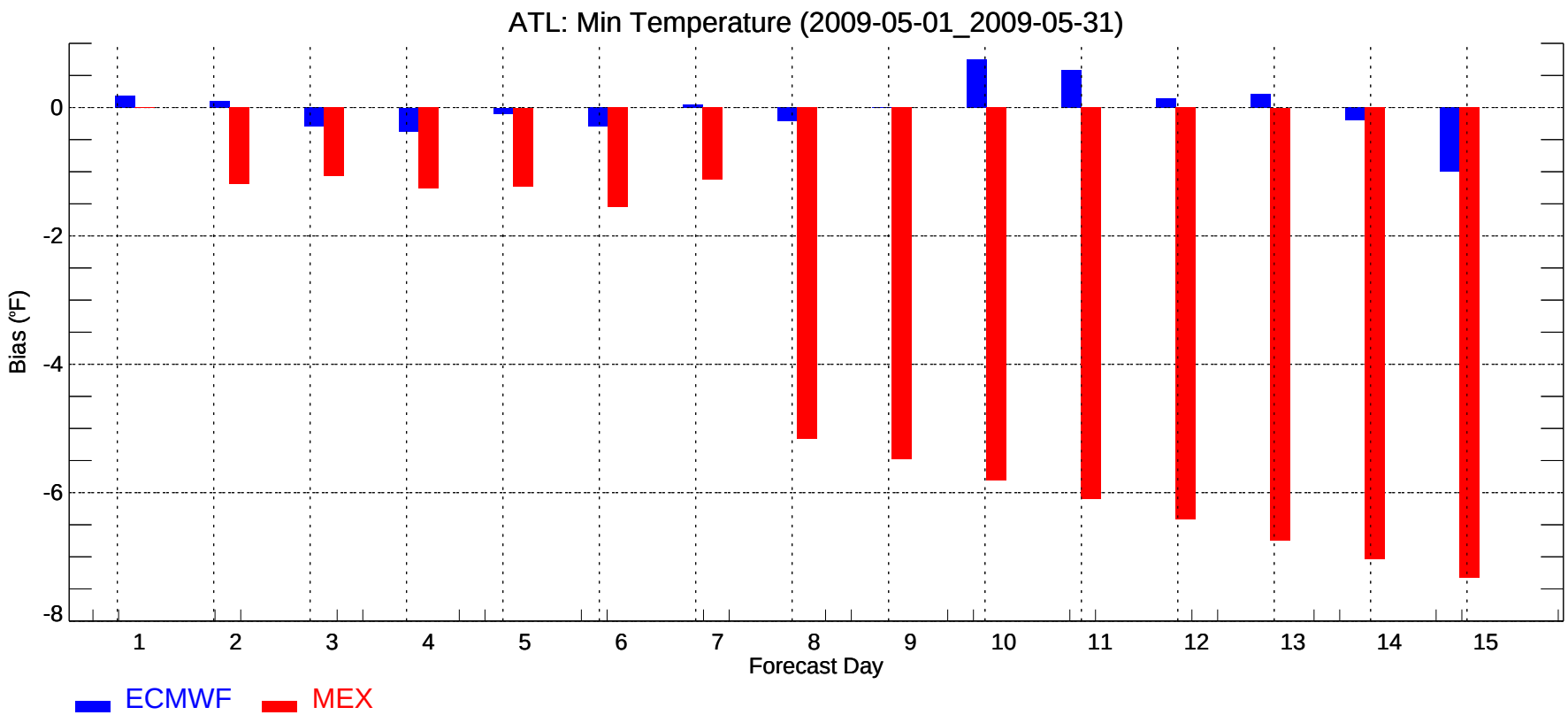
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ATL: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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10
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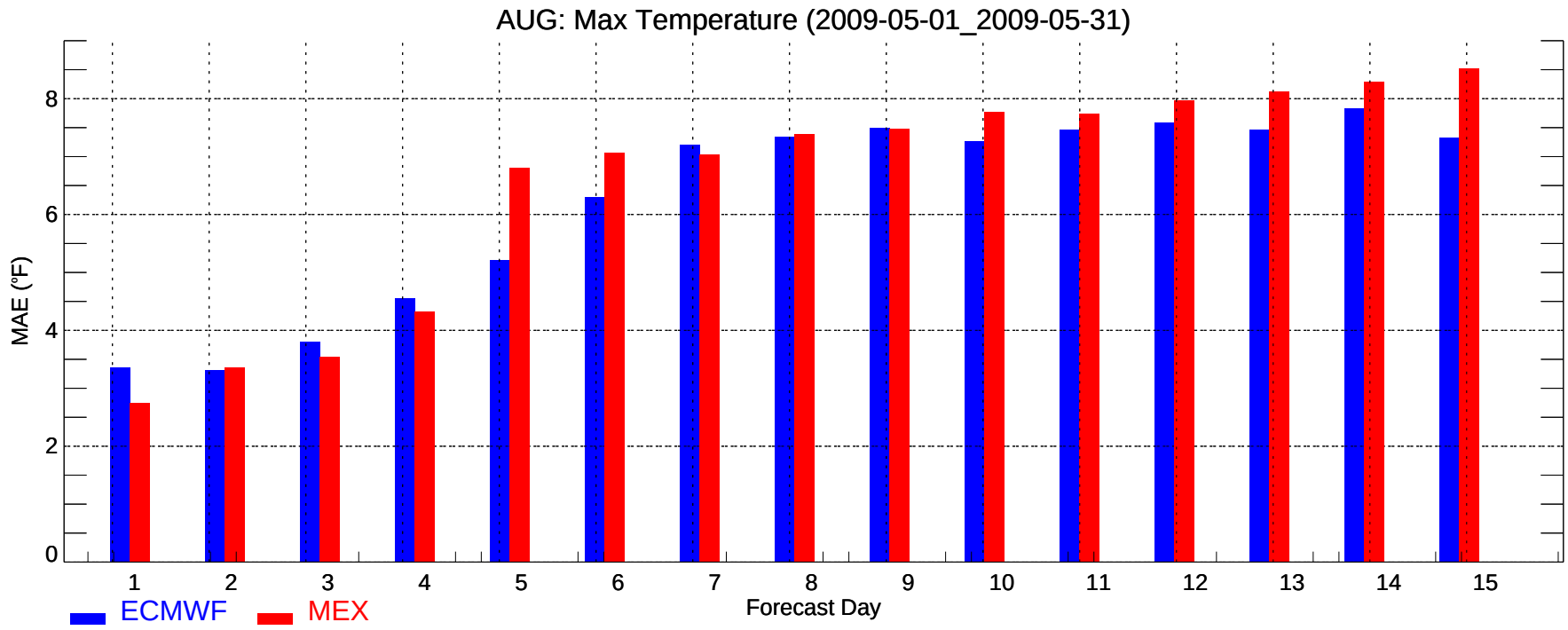
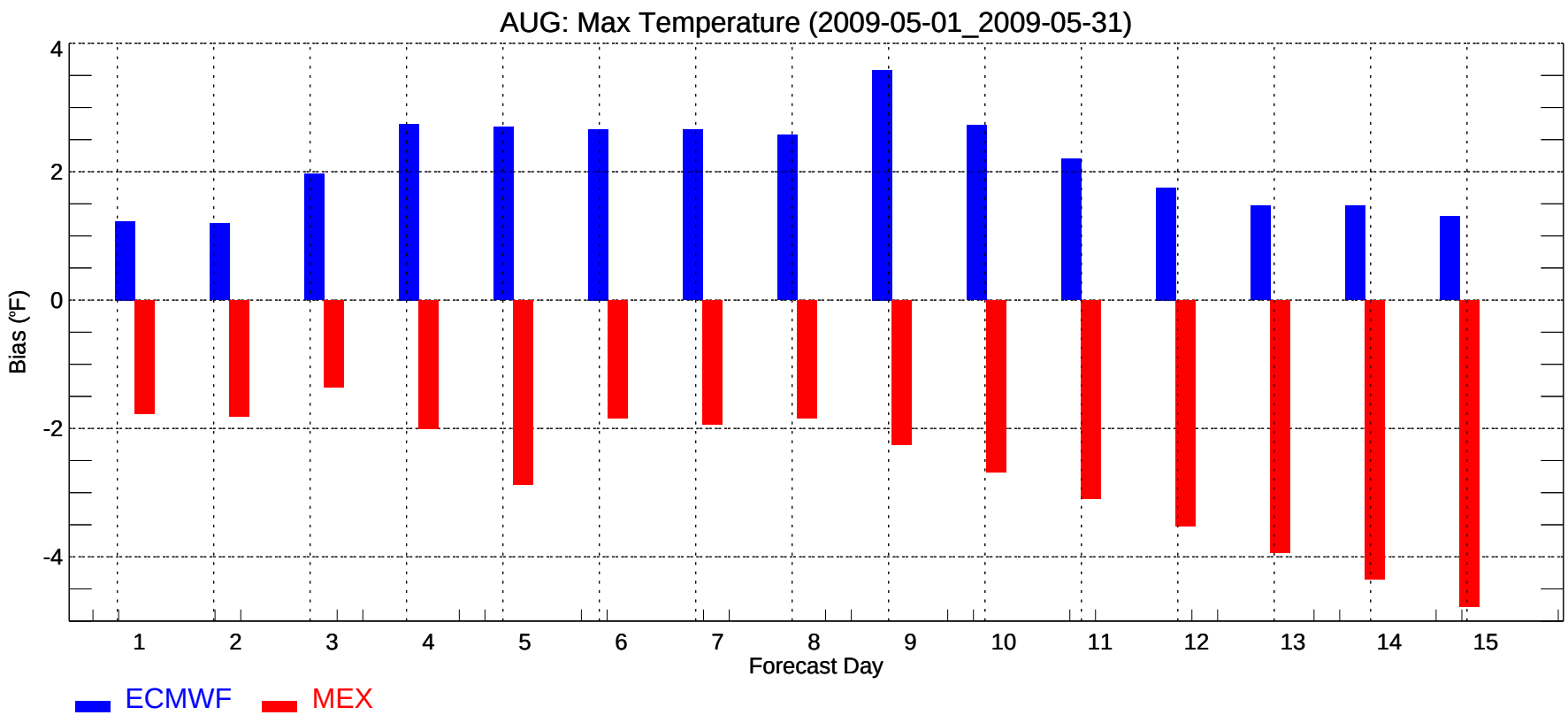
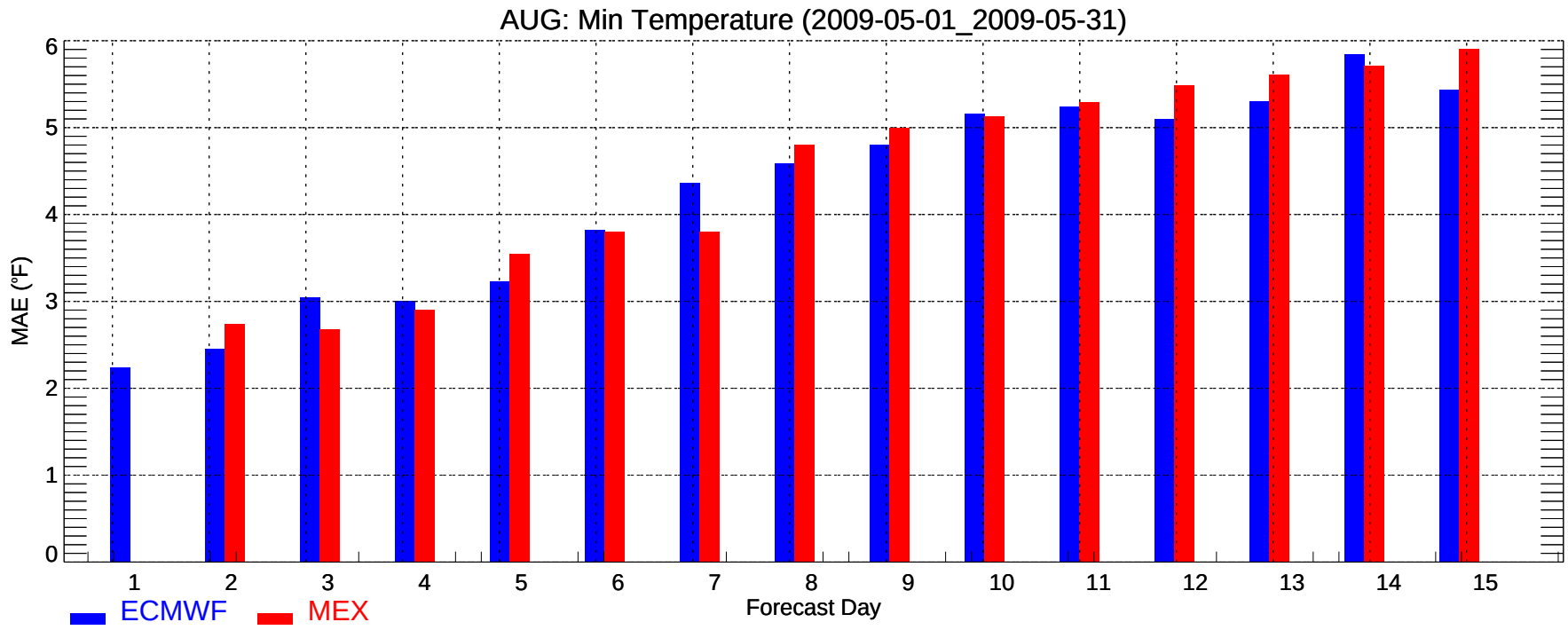
12
13
14
15
Forecast Day
ECMWF
MEX


AUG: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AUG: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AUG: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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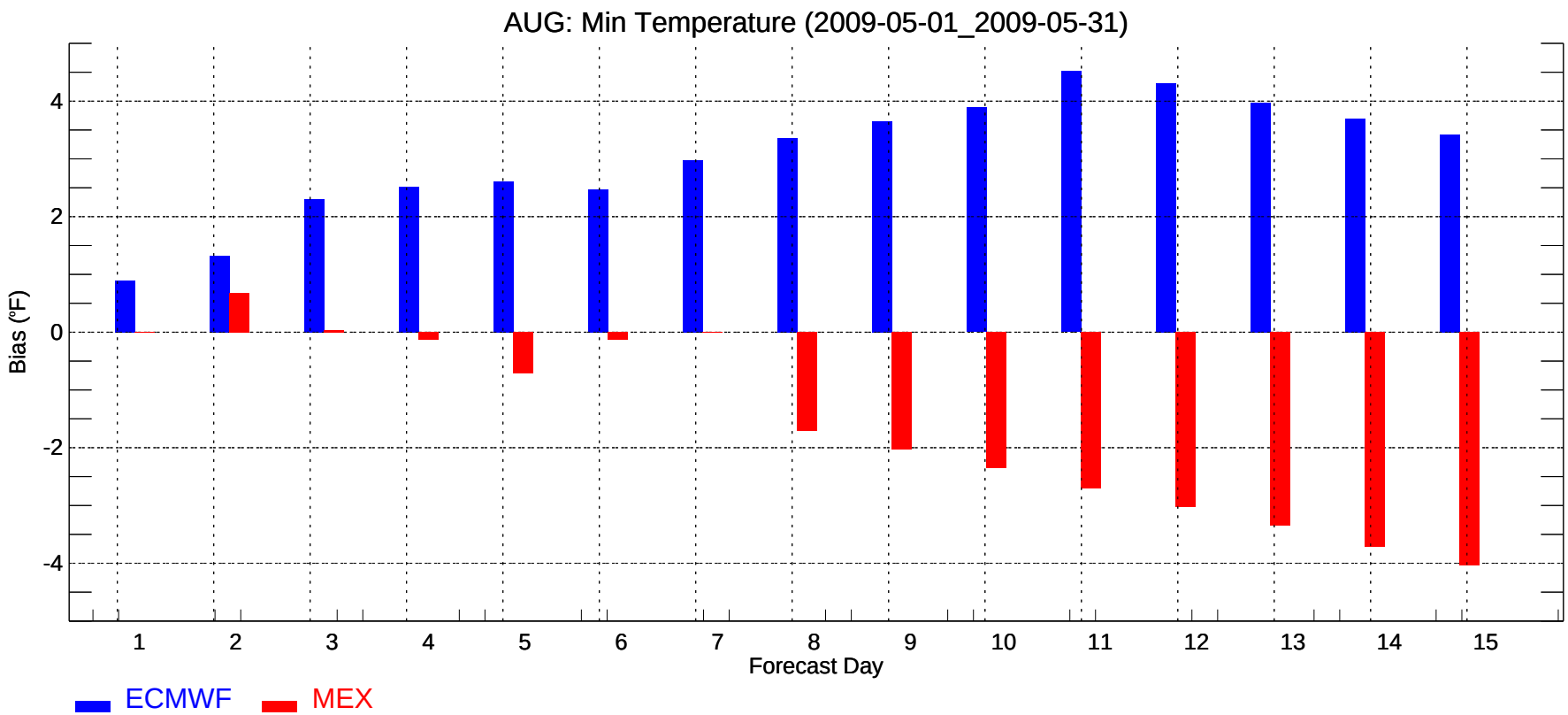
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AUG: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
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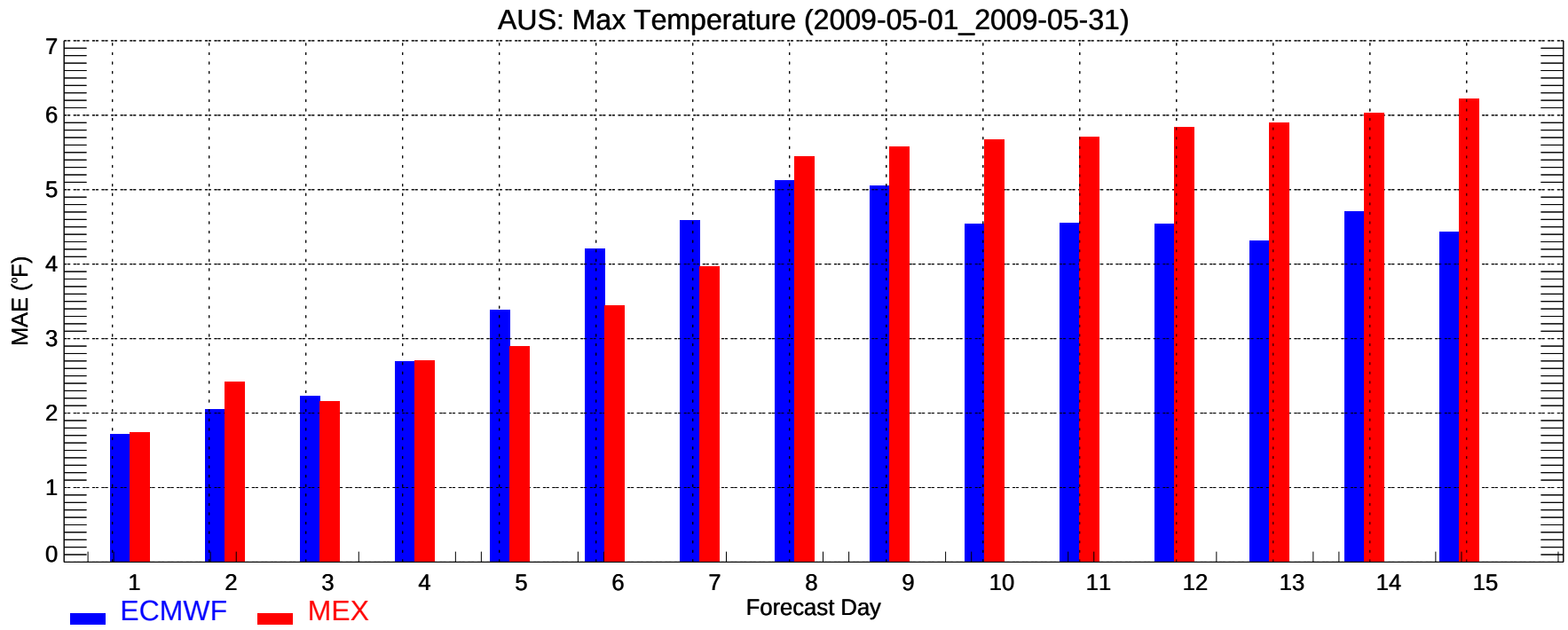
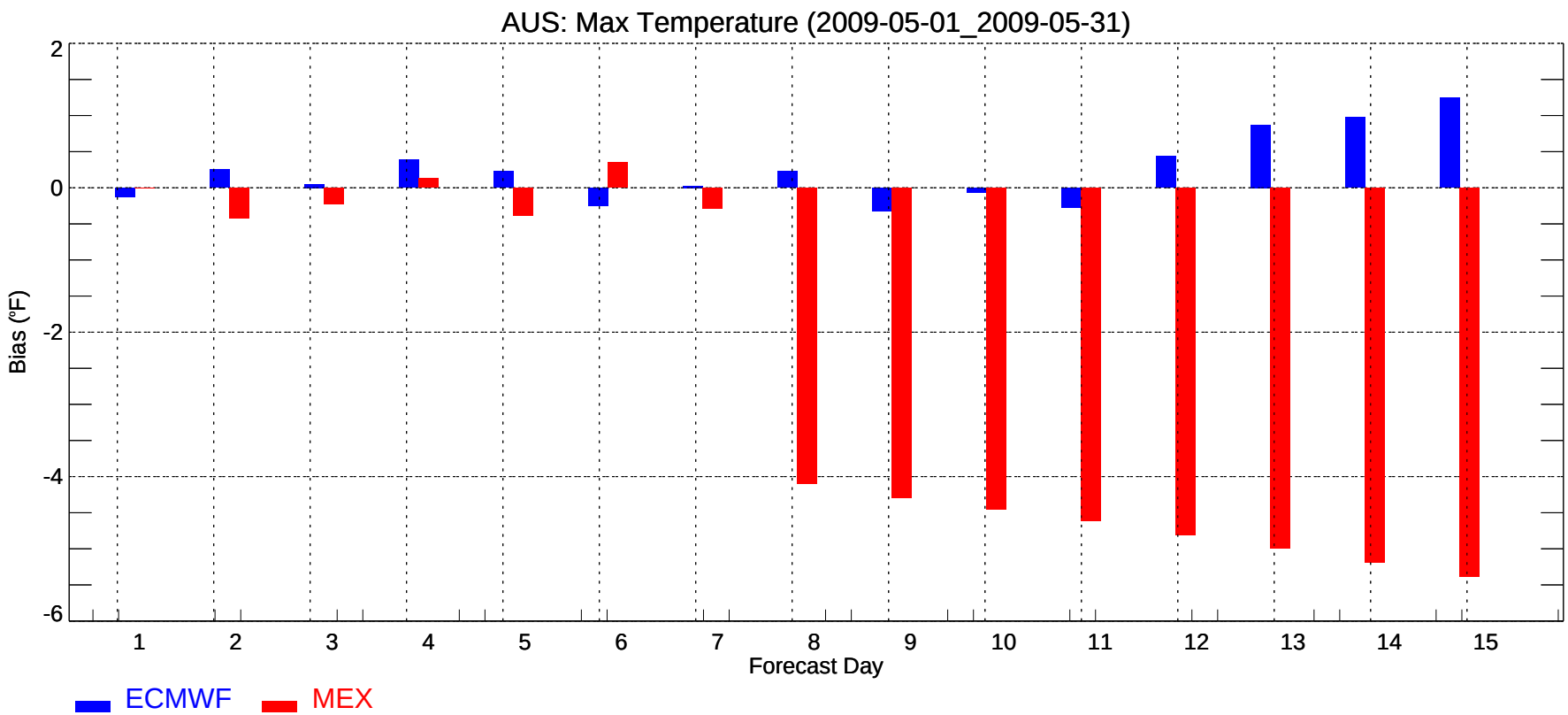
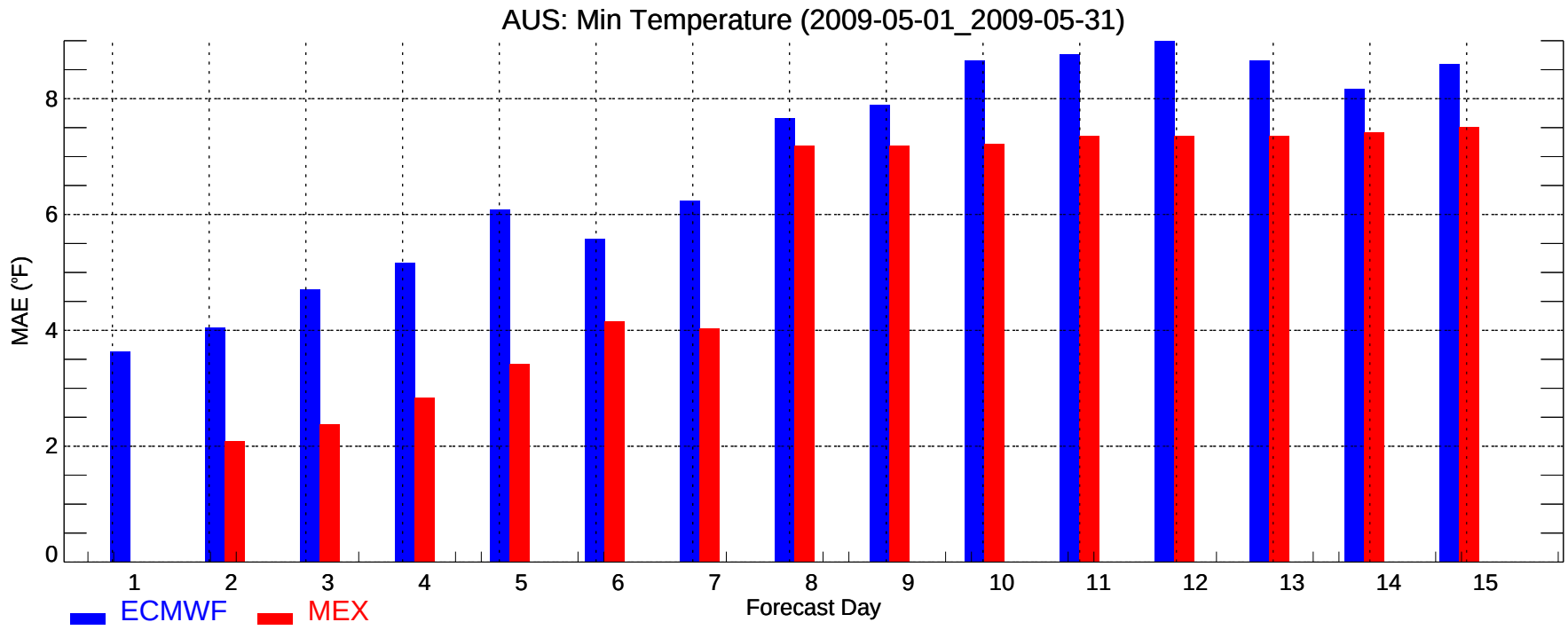
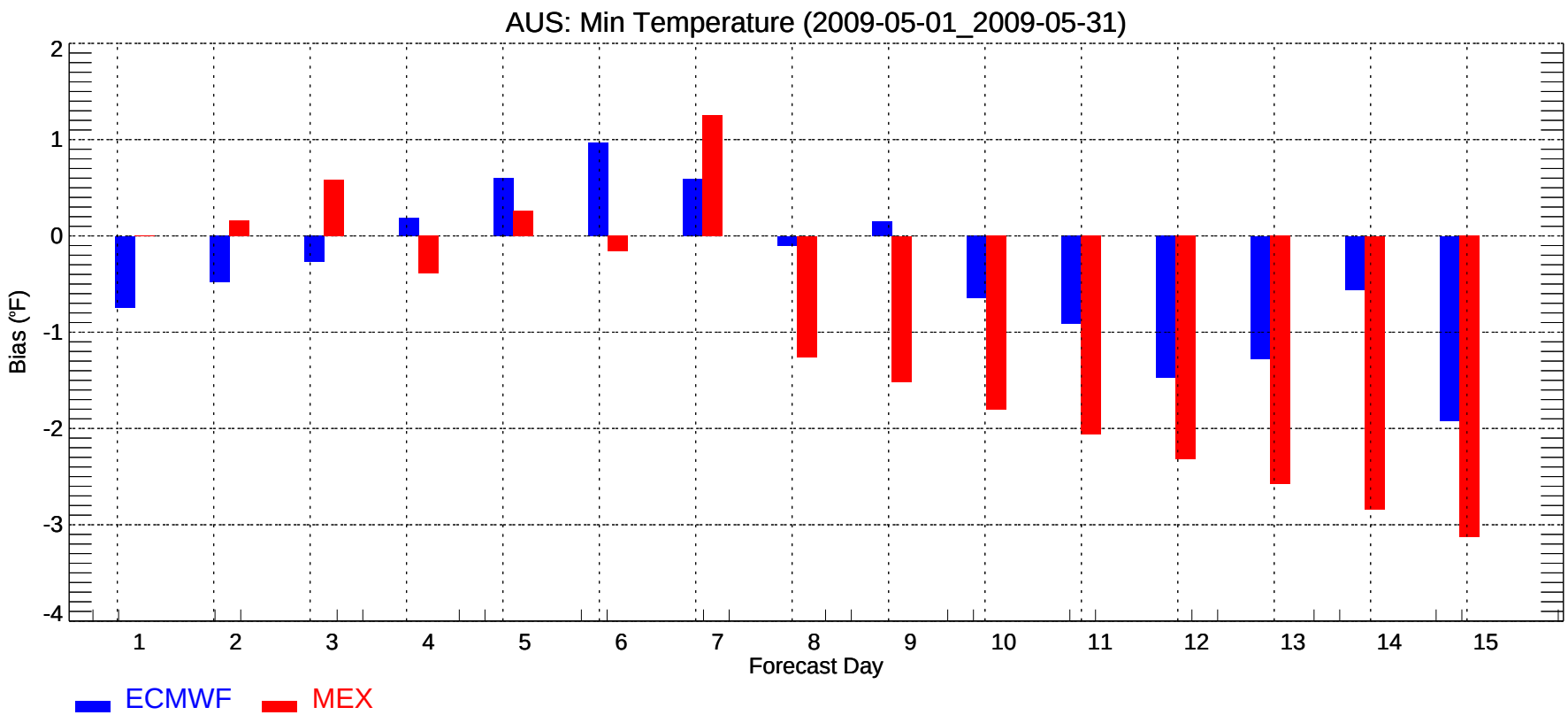
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AUS: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AUS: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AUS: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AUS: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
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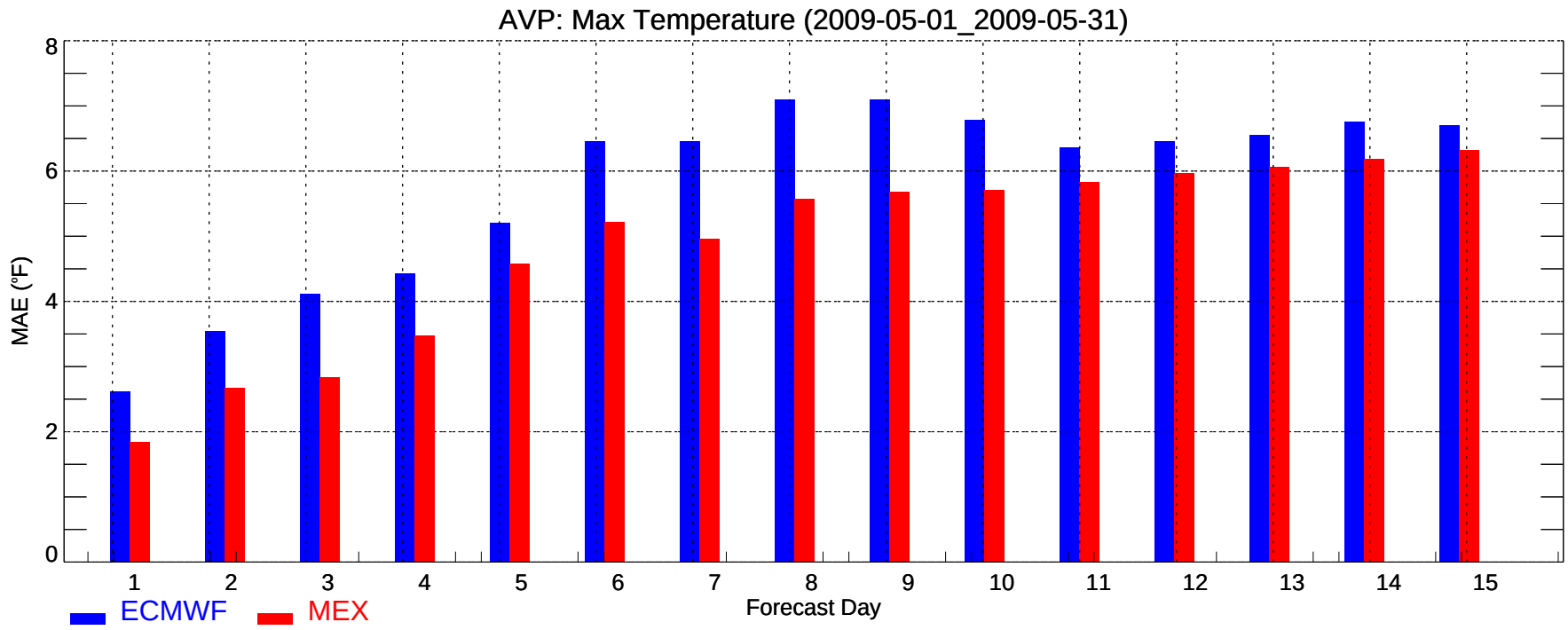
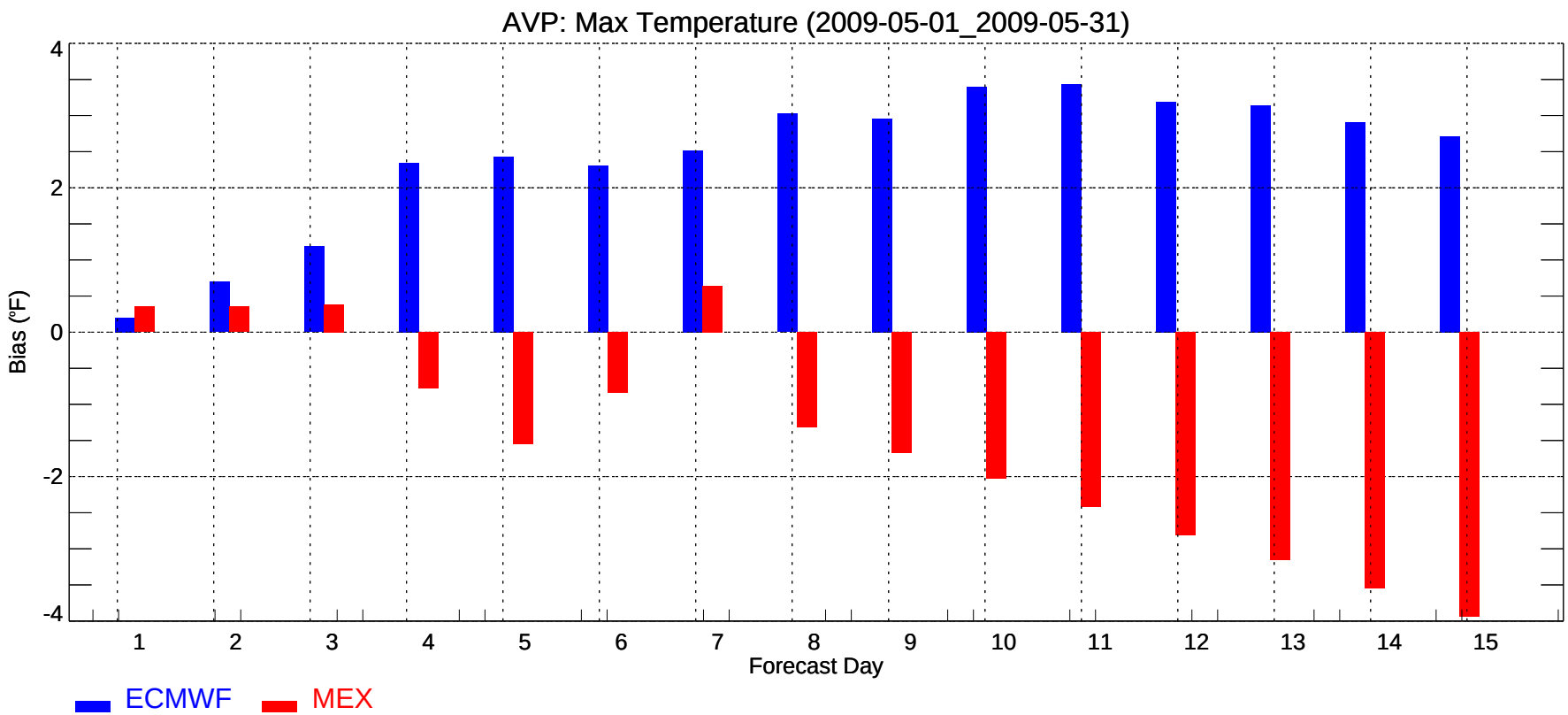
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AVP: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AVP: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
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8
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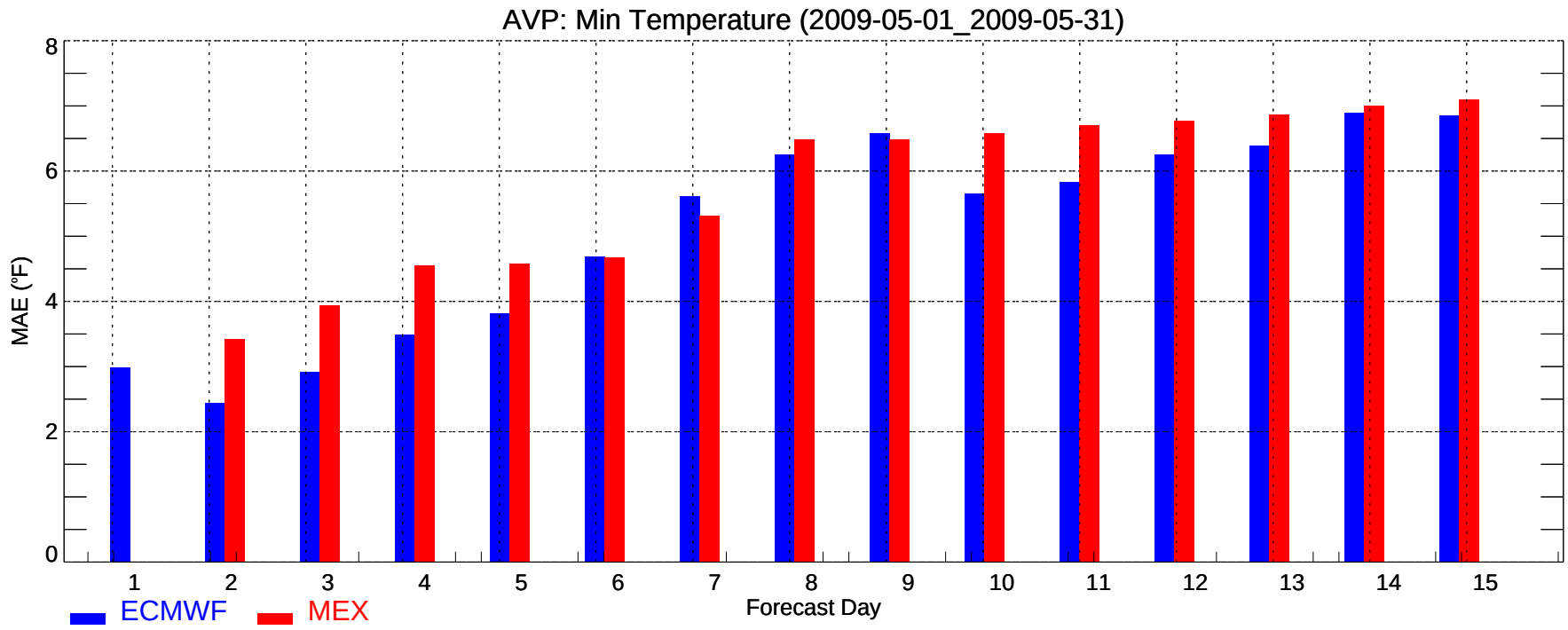
11
12
13
14
15
Forecast Day
ECMWF
MEX


AVP: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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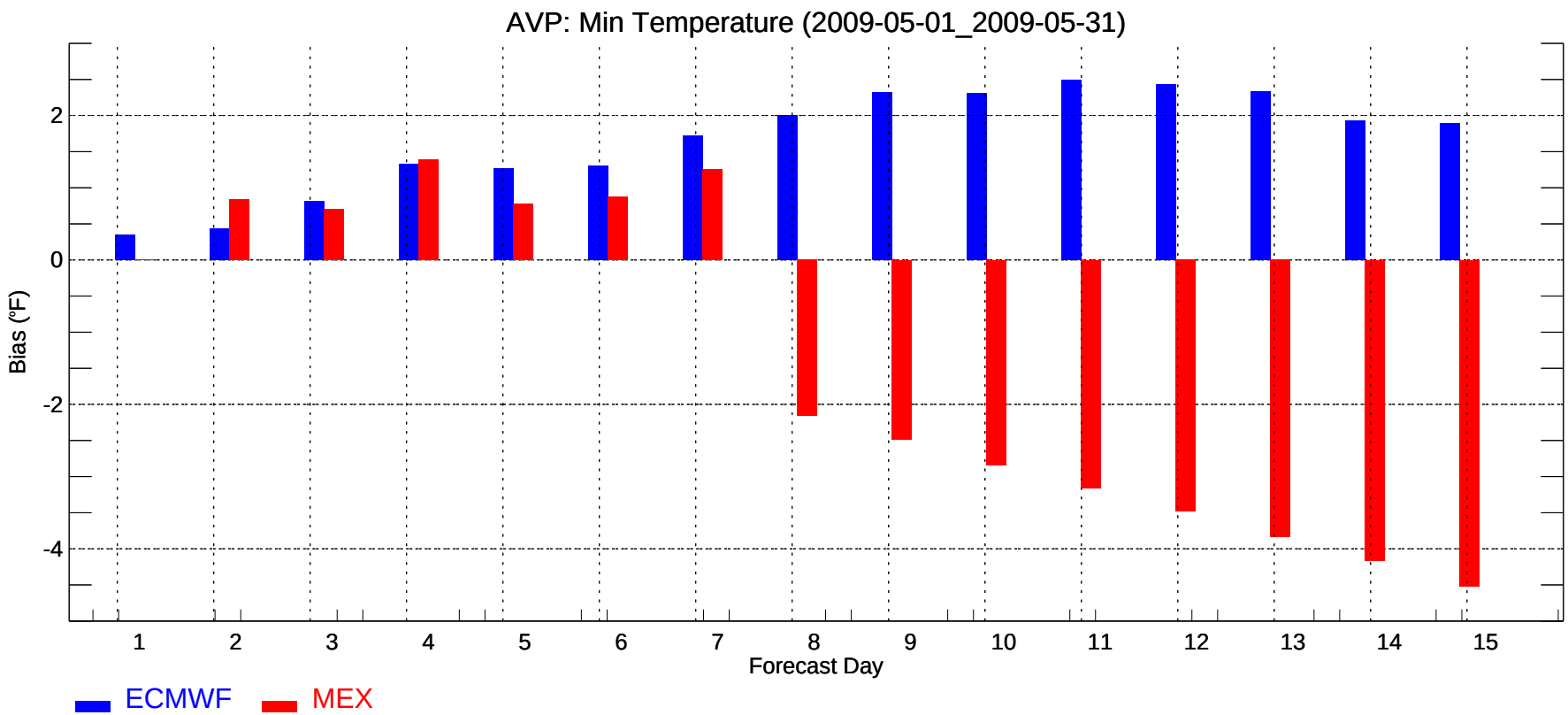
12
13
14
15
Forecast Day
ECMWF
MEX


AVP: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
1
2
3
4
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6
7
8
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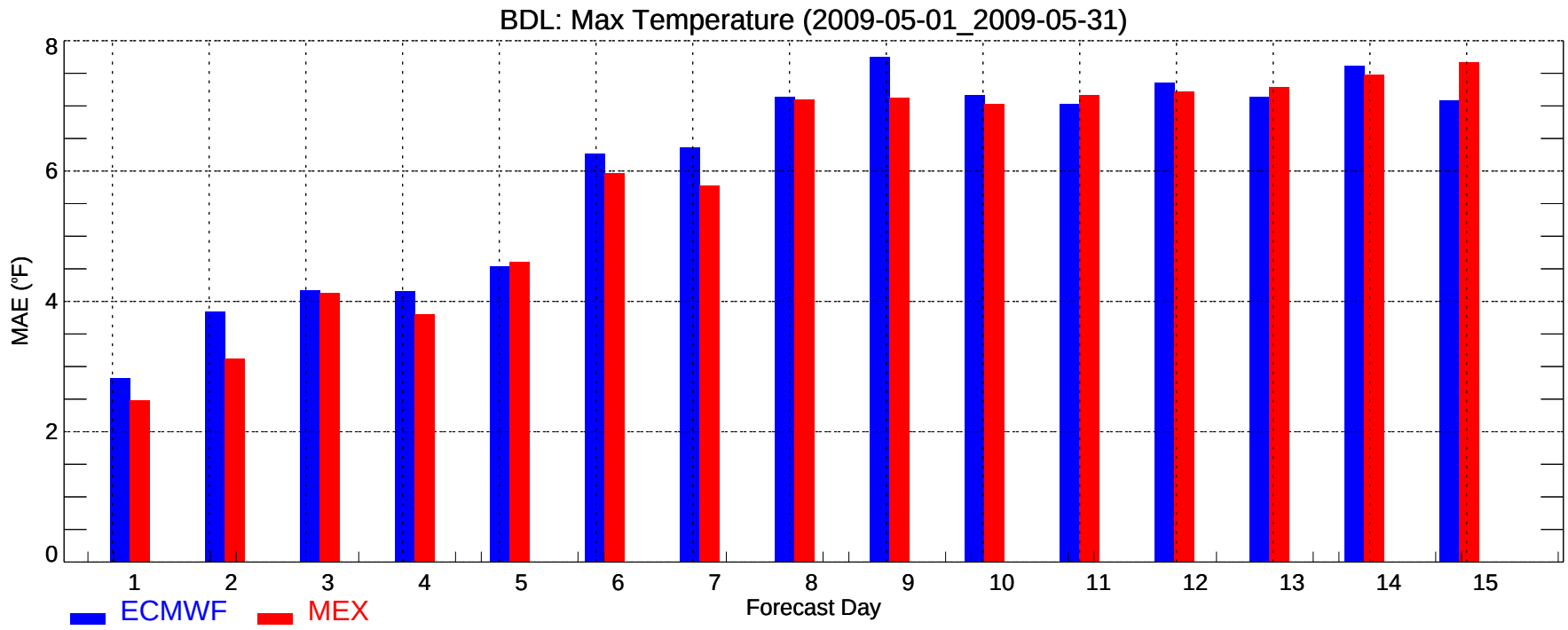
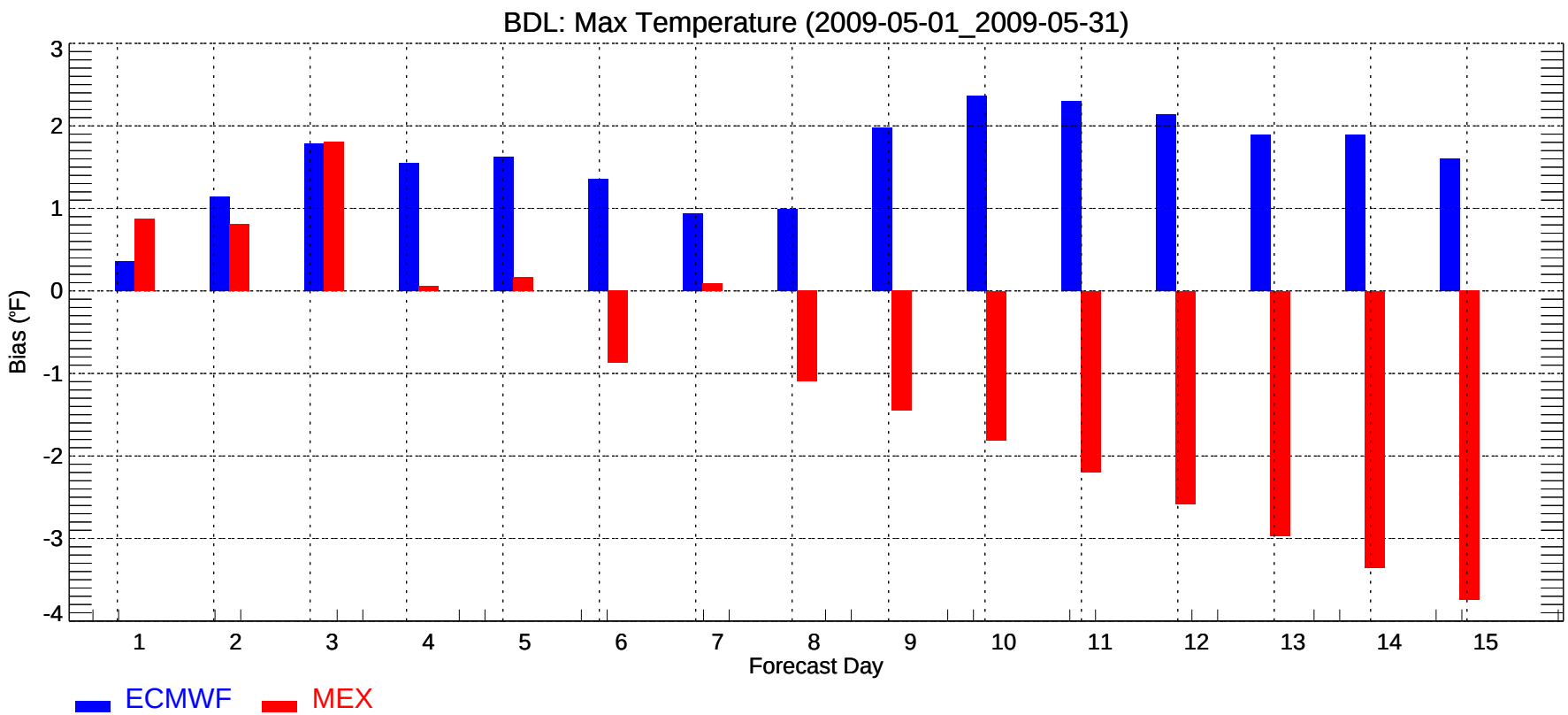
14
15
Forecast Day
ECMWF
MEX


BDL: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BDL: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
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6
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8
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11
12
13
14
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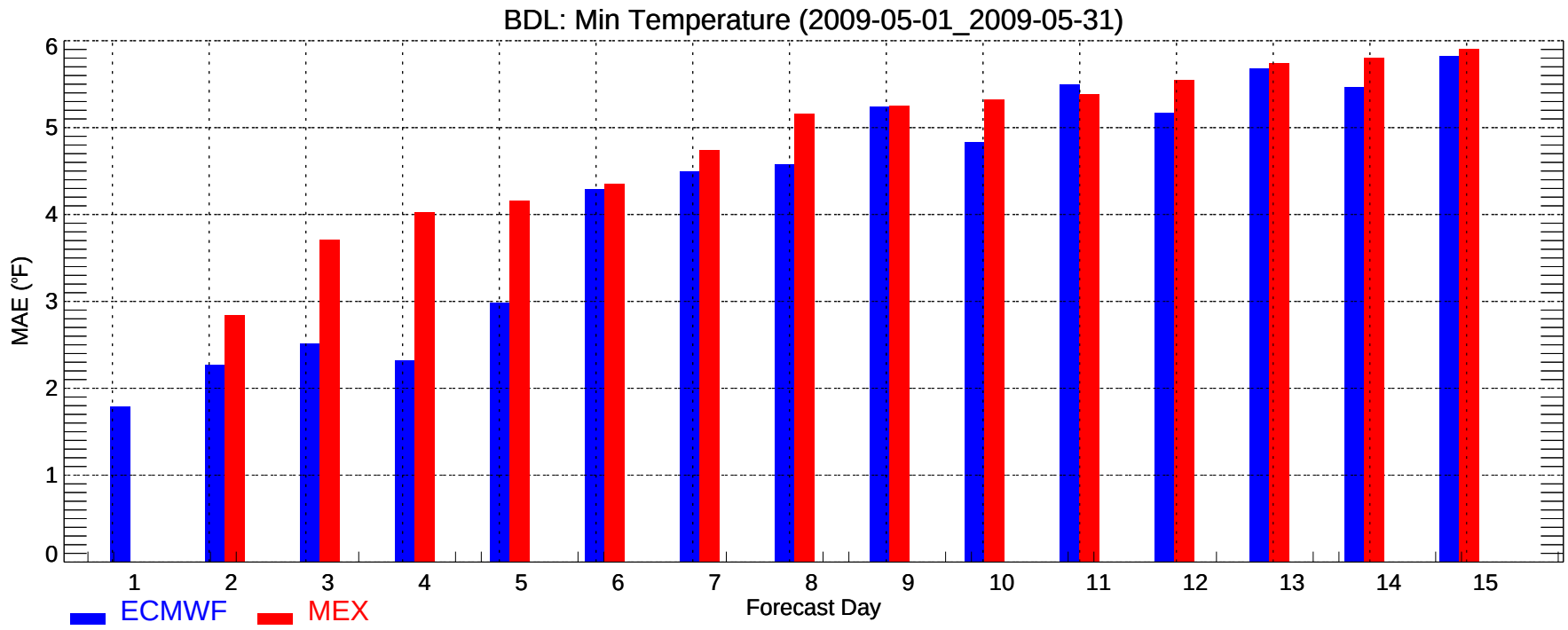
Forecast Day
ECMWF
MEX


BDL: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
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8
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10
11
12
13
14
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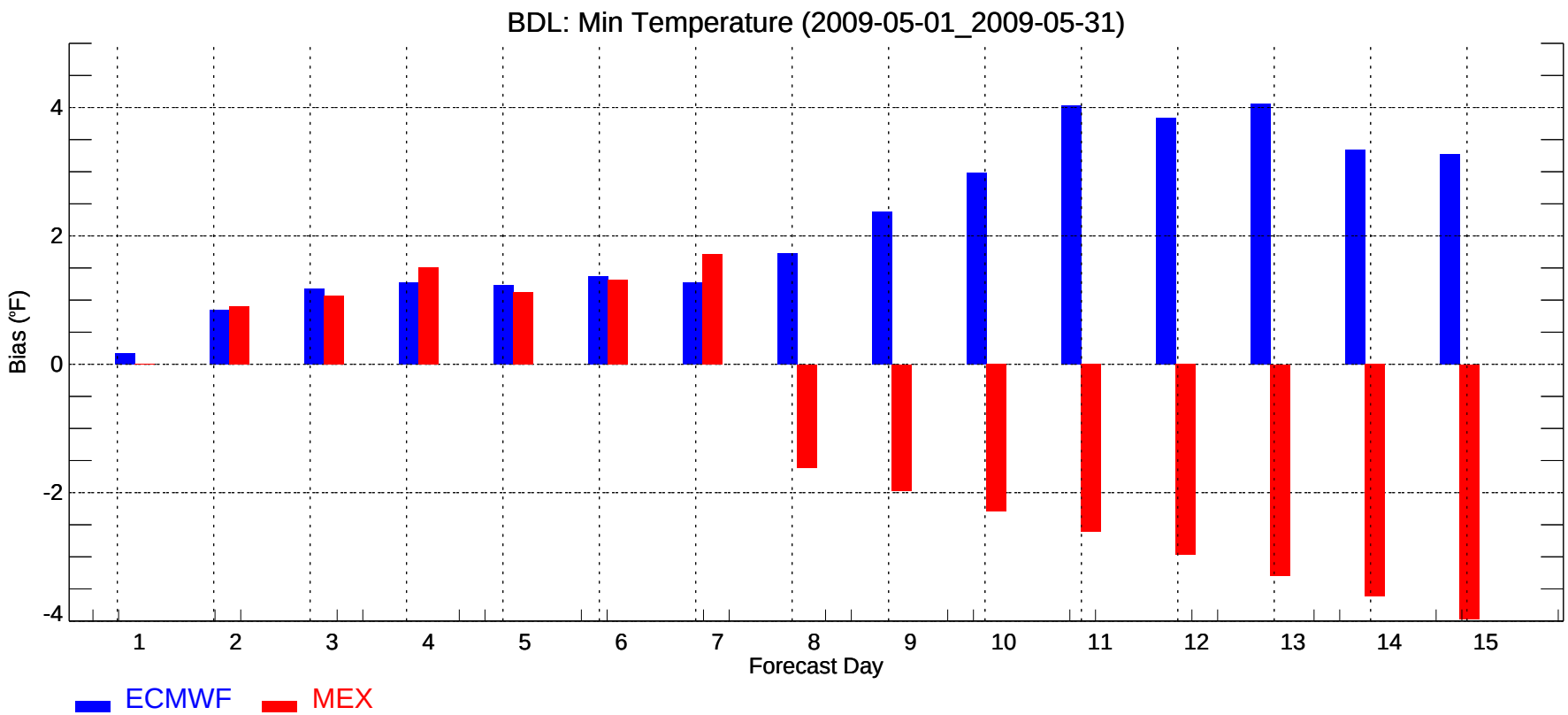
Forecast Day
ECMWF
MEX


BDL: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
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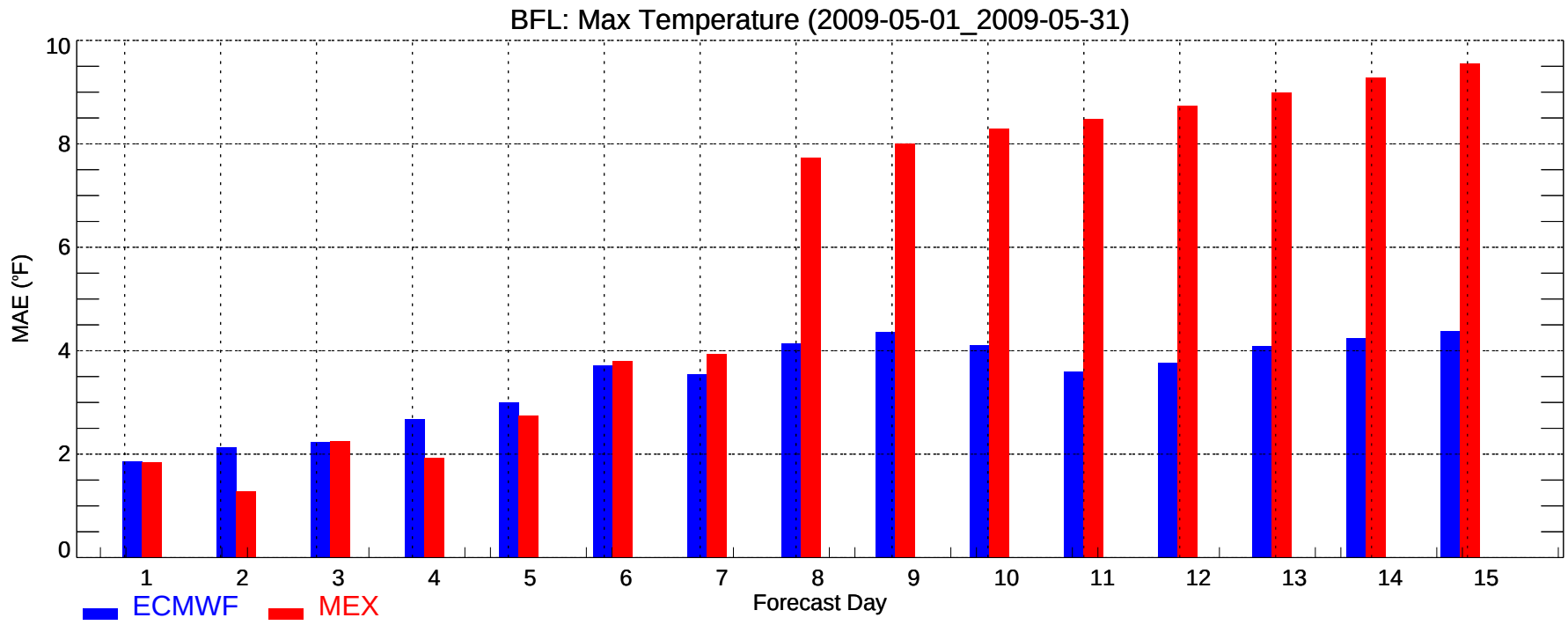
Forecast Day
ECMWF
MEX


BFL: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
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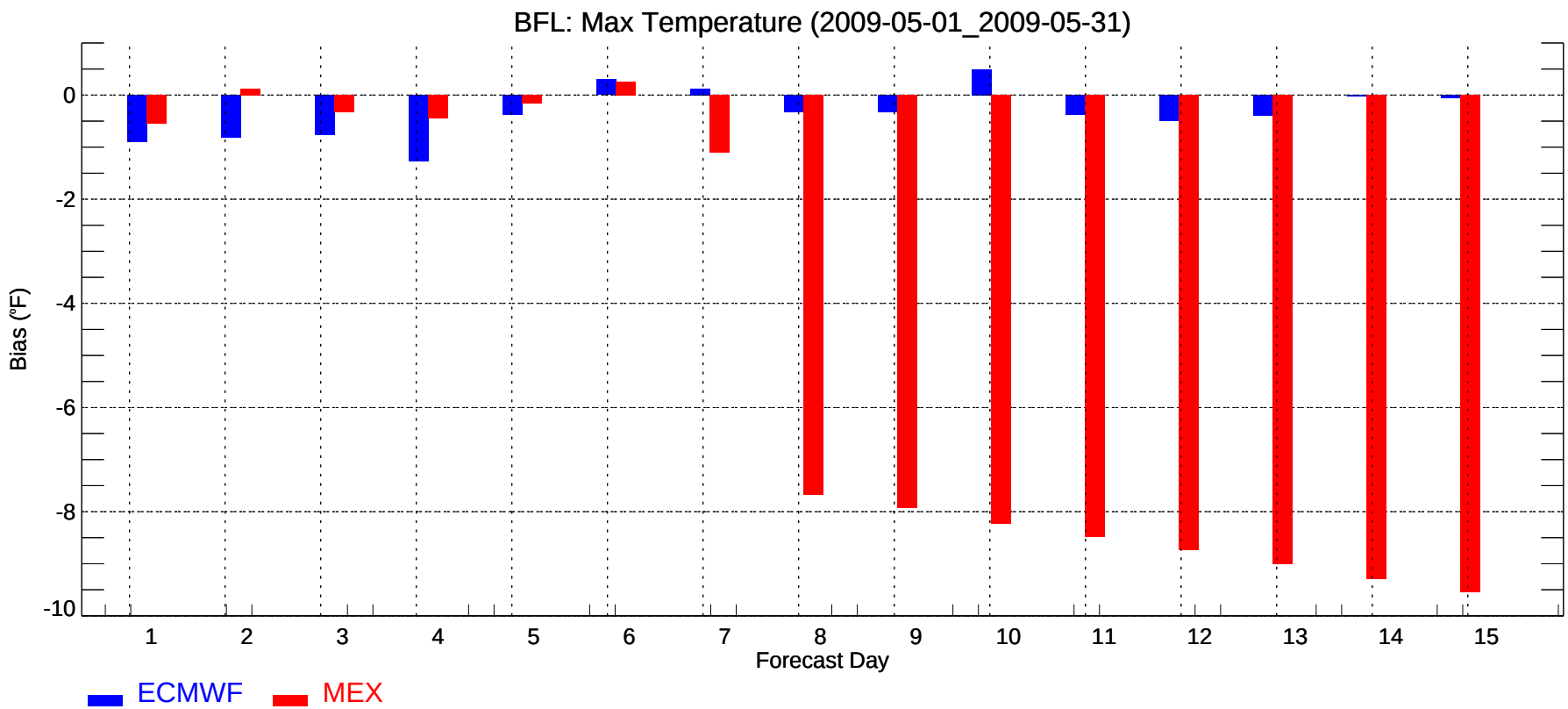
Forecast Day
ECMWF
MEX


BFL: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
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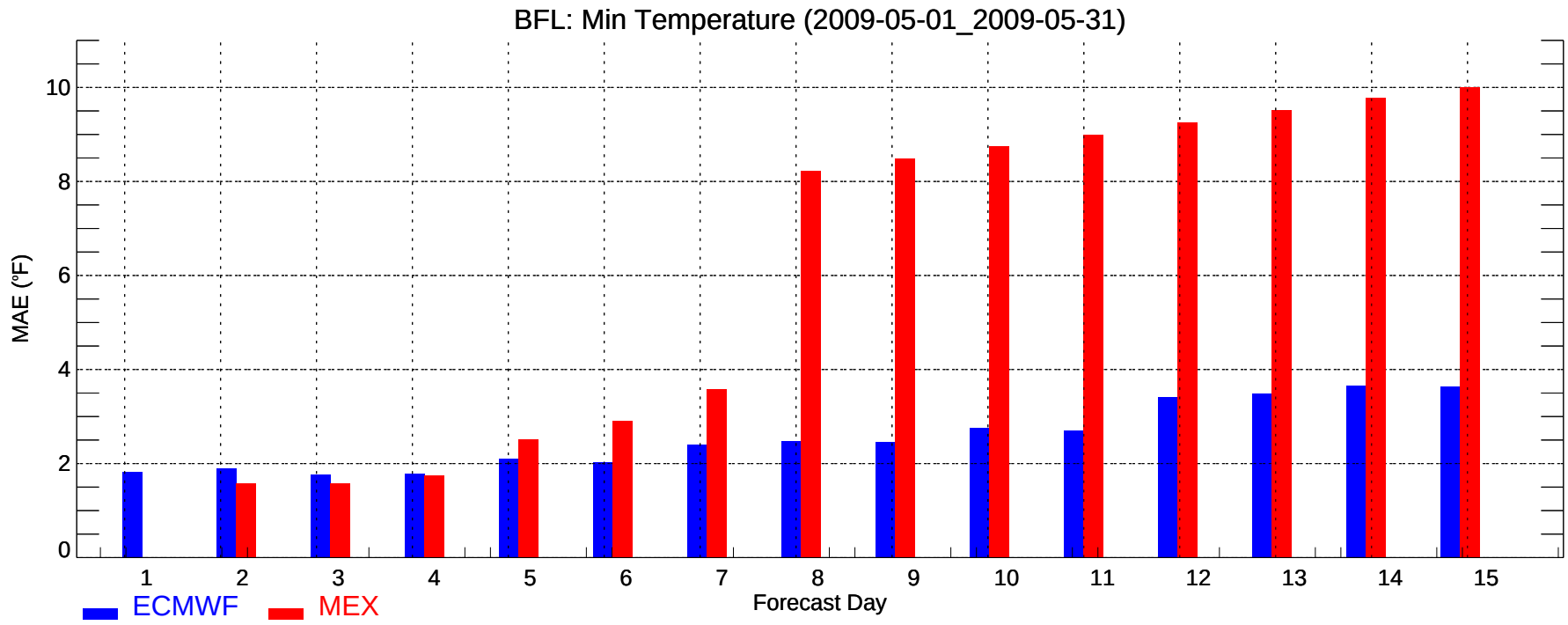
Forecast Day
ECMWF
MEX


BFL: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
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2
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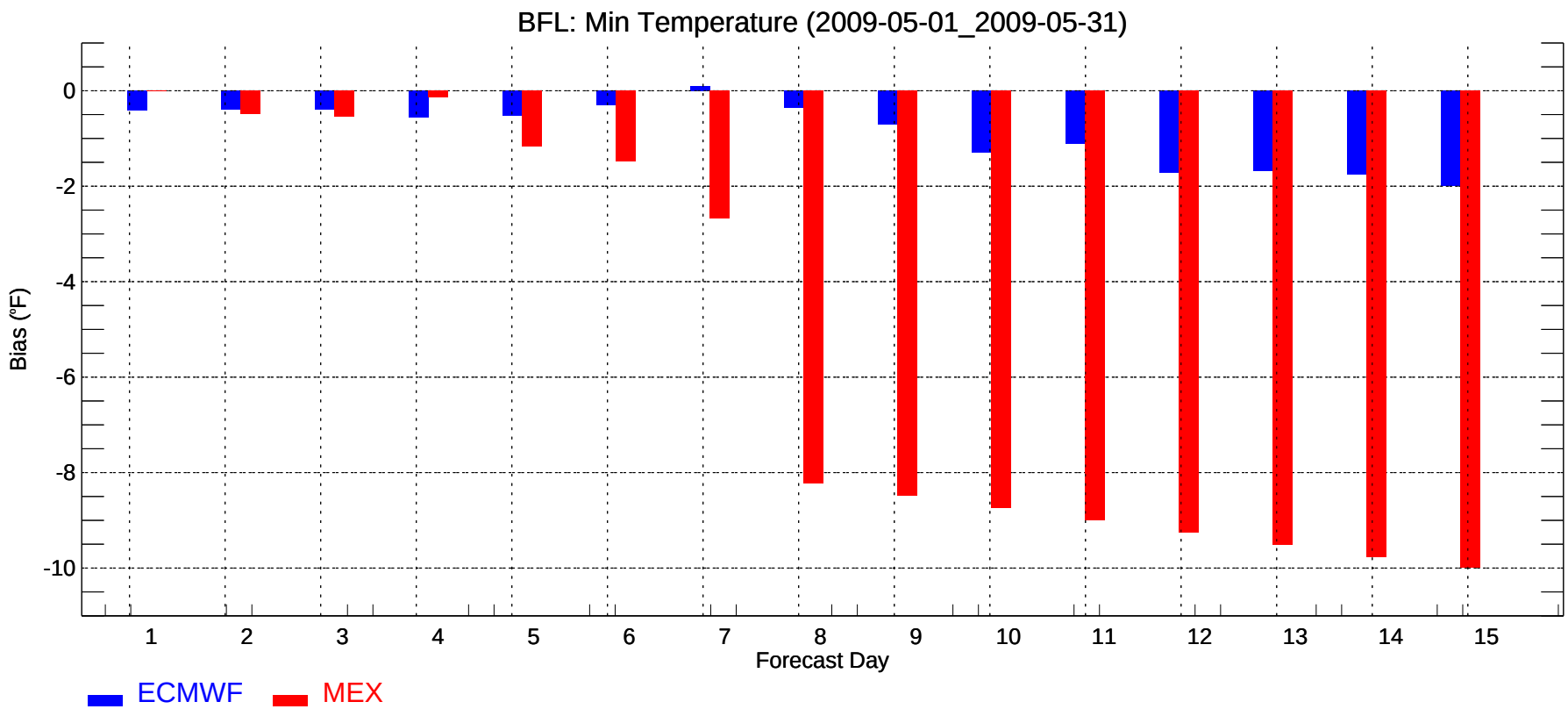
Forecast Day
ECMWF
MEX


BFL: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
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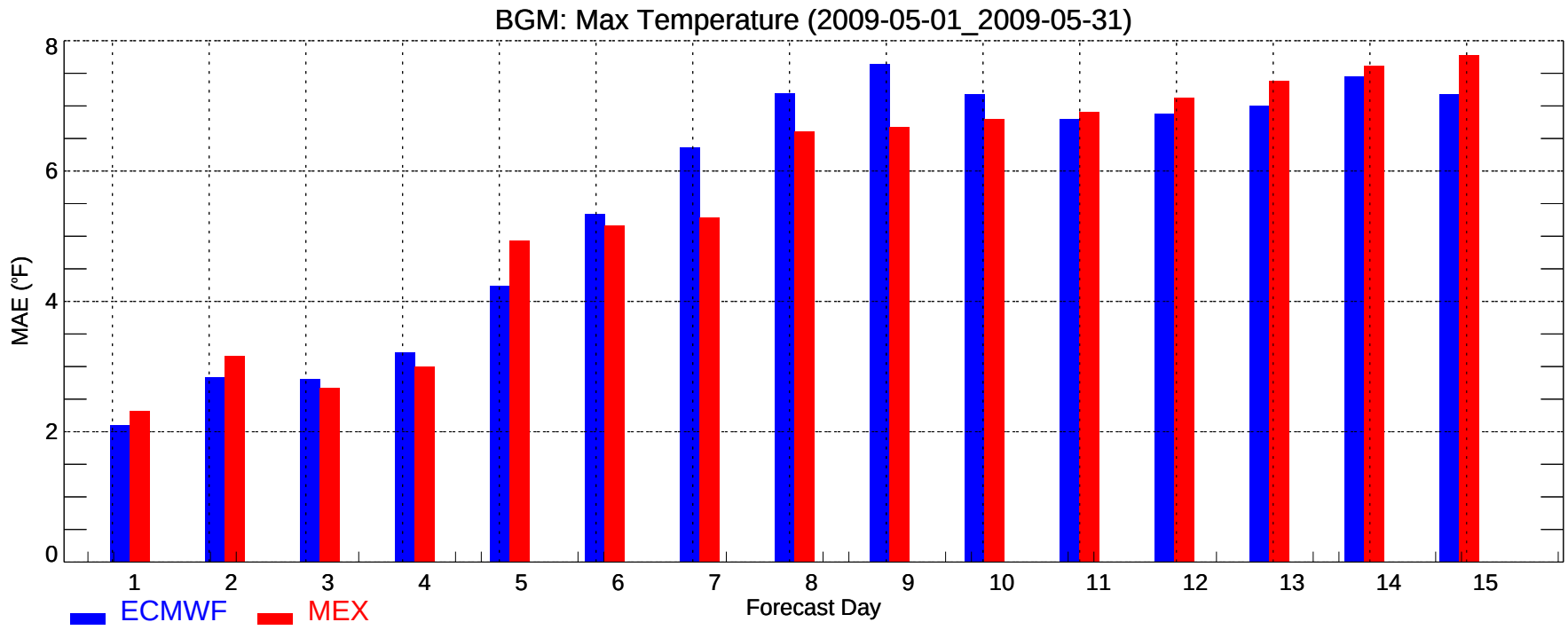
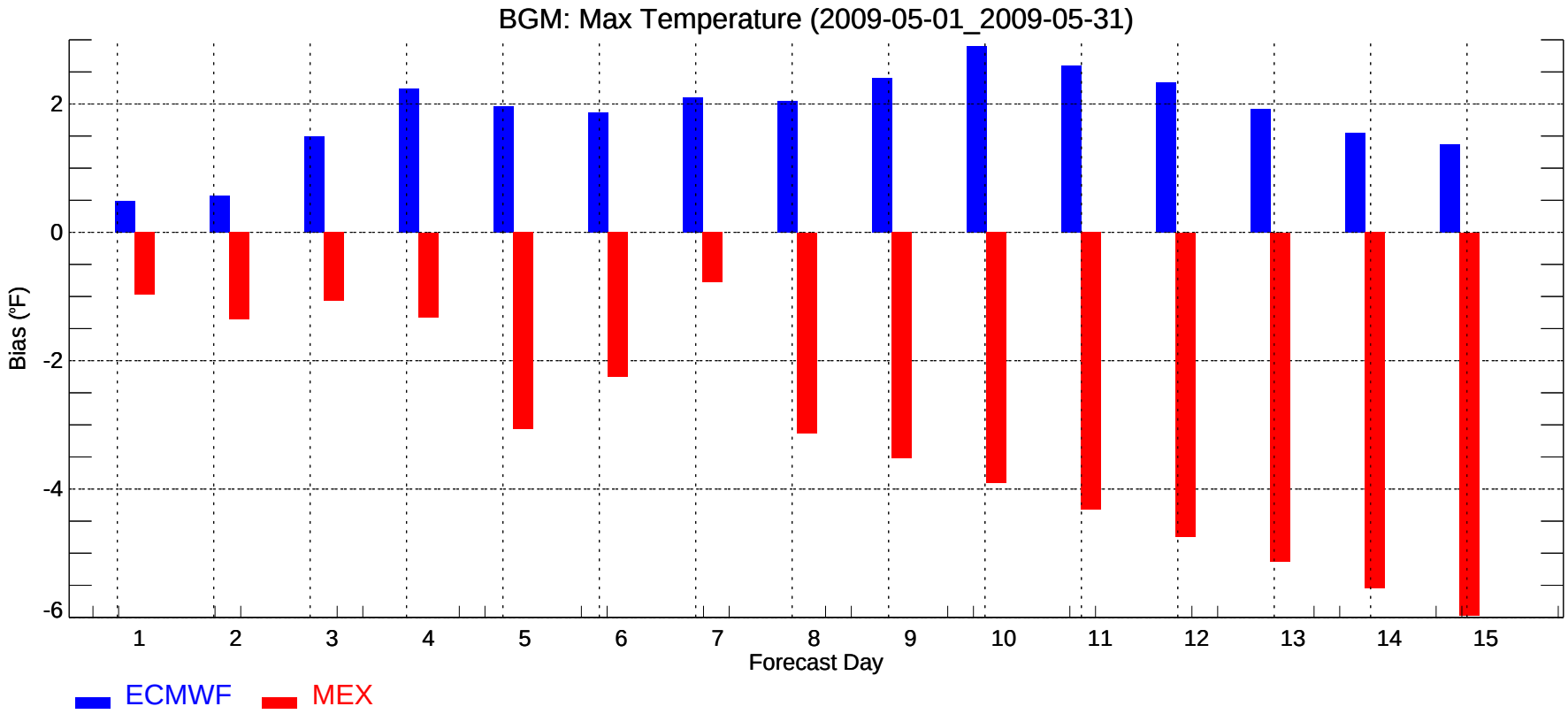
Forecast Day
ECMWF
MEX


BGM: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BGM: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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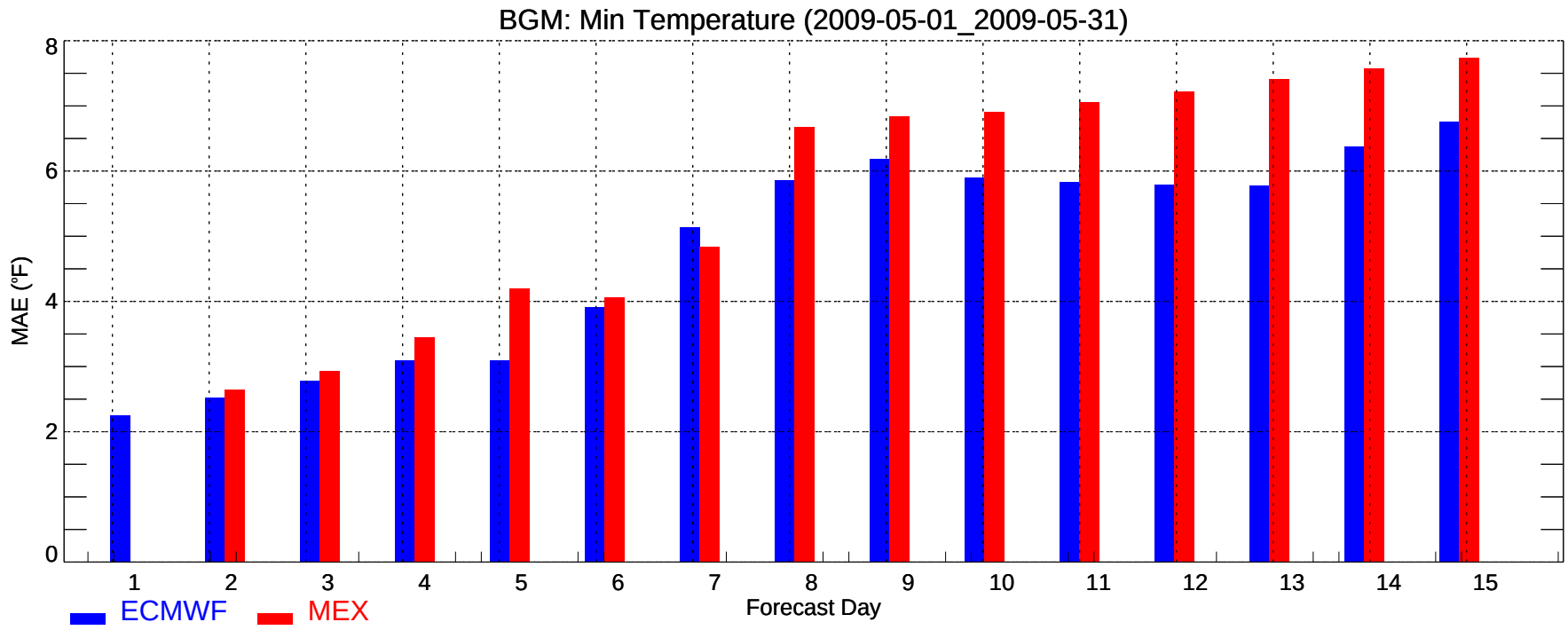
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BGM: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
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8
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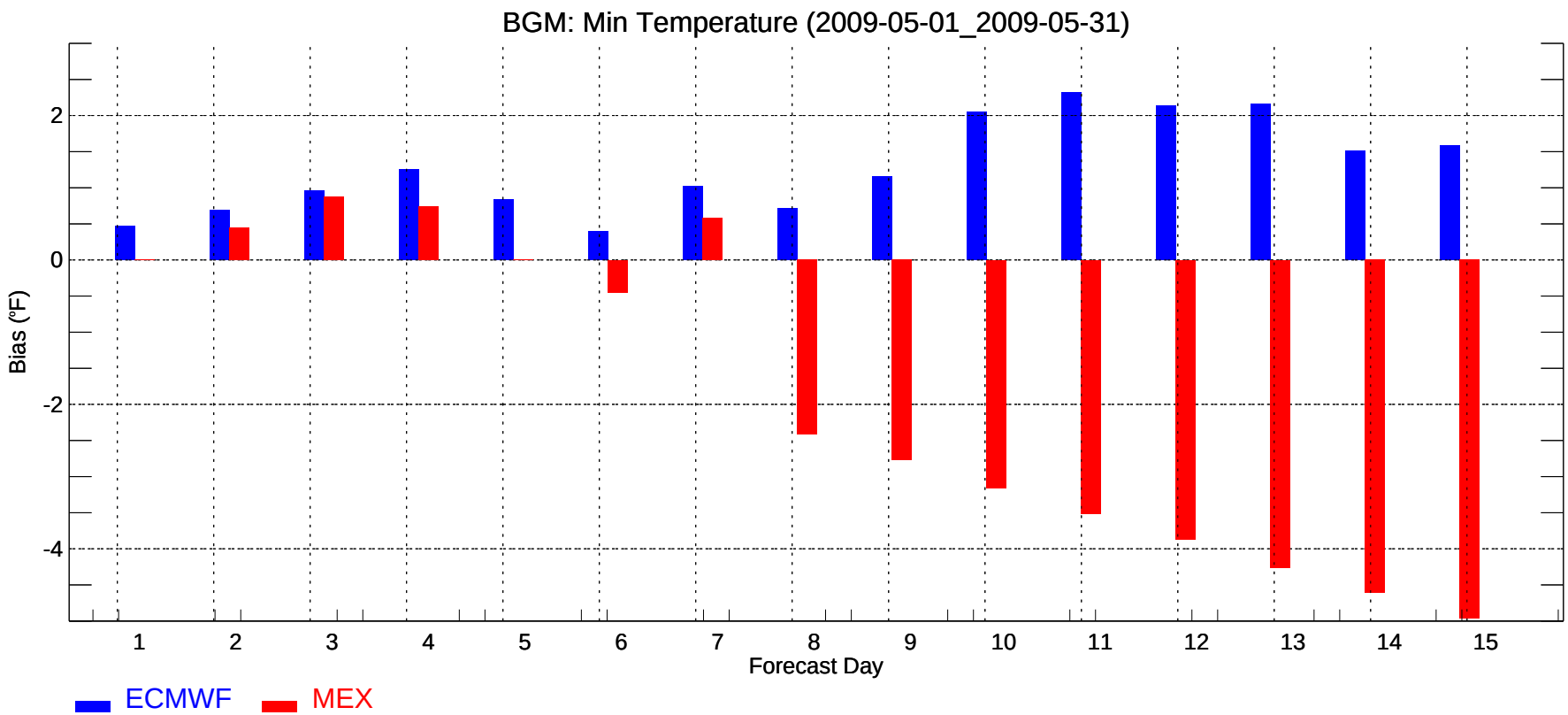
13
14
15
Forecast Day
ECMWF
MEX


BGM: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
1
2
3
4
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6
7
8
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10
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12
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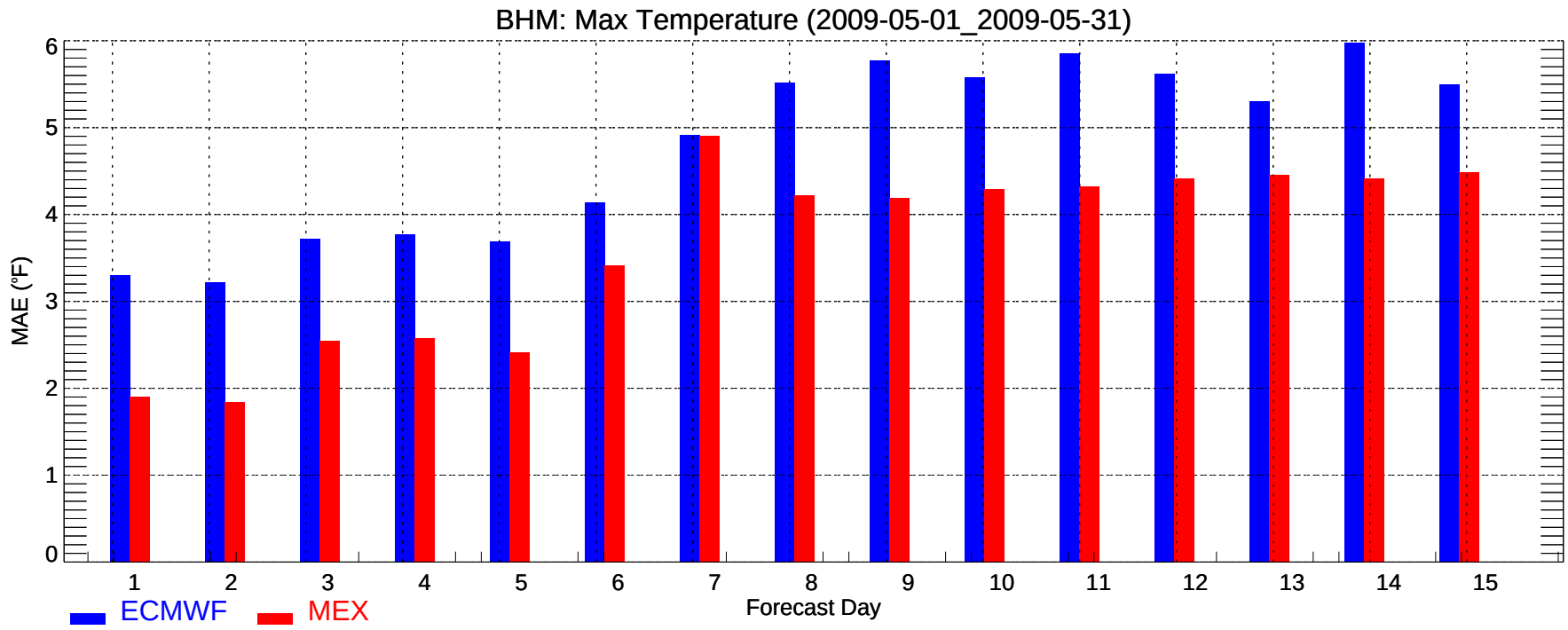
14
15
Forecast Day
ECMWF
MEX


BHM: Max Temperature (2009-05-01_2009-05-31)
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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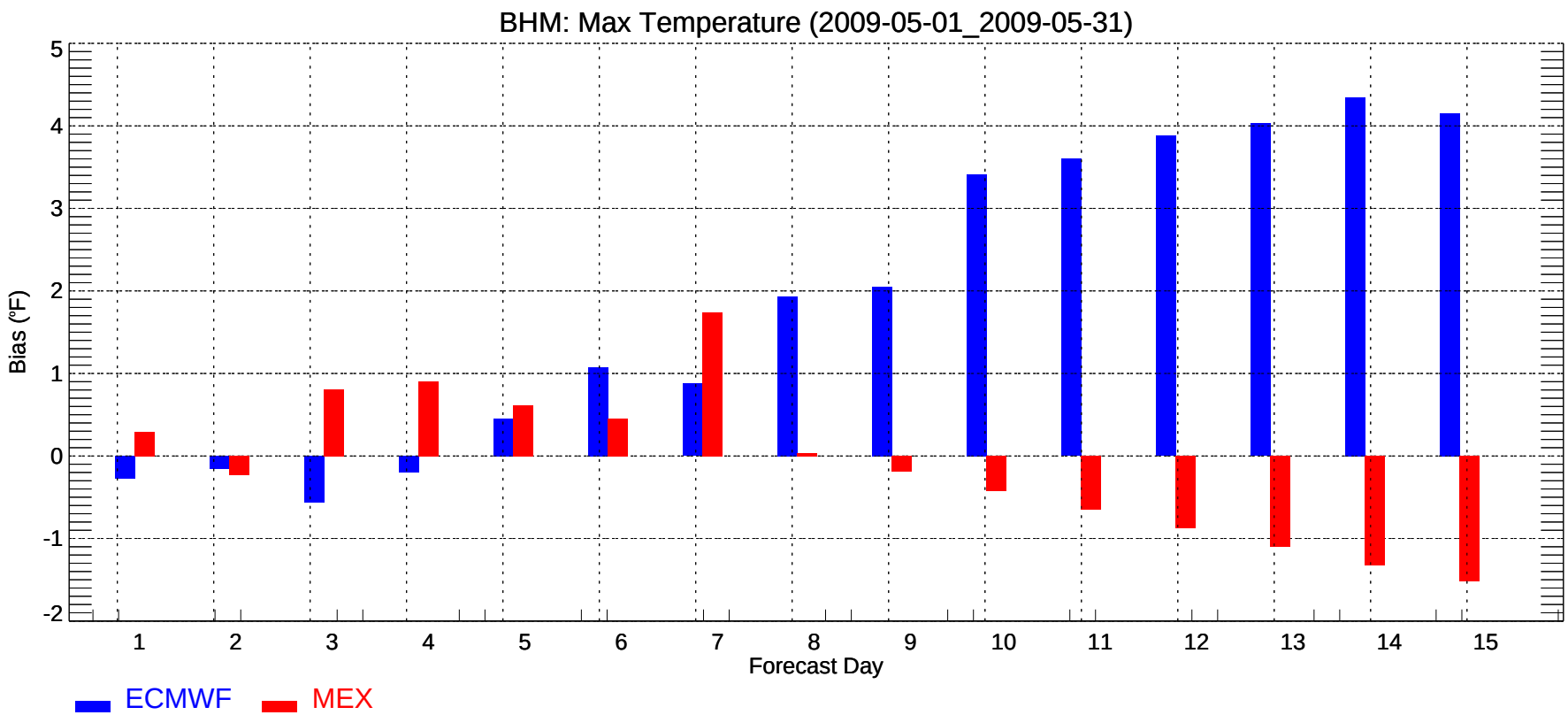
13
14
15
Forecast Day
ECMWF
MEX


BHM: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
-2
-1
0
1
2
3
4
5
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2
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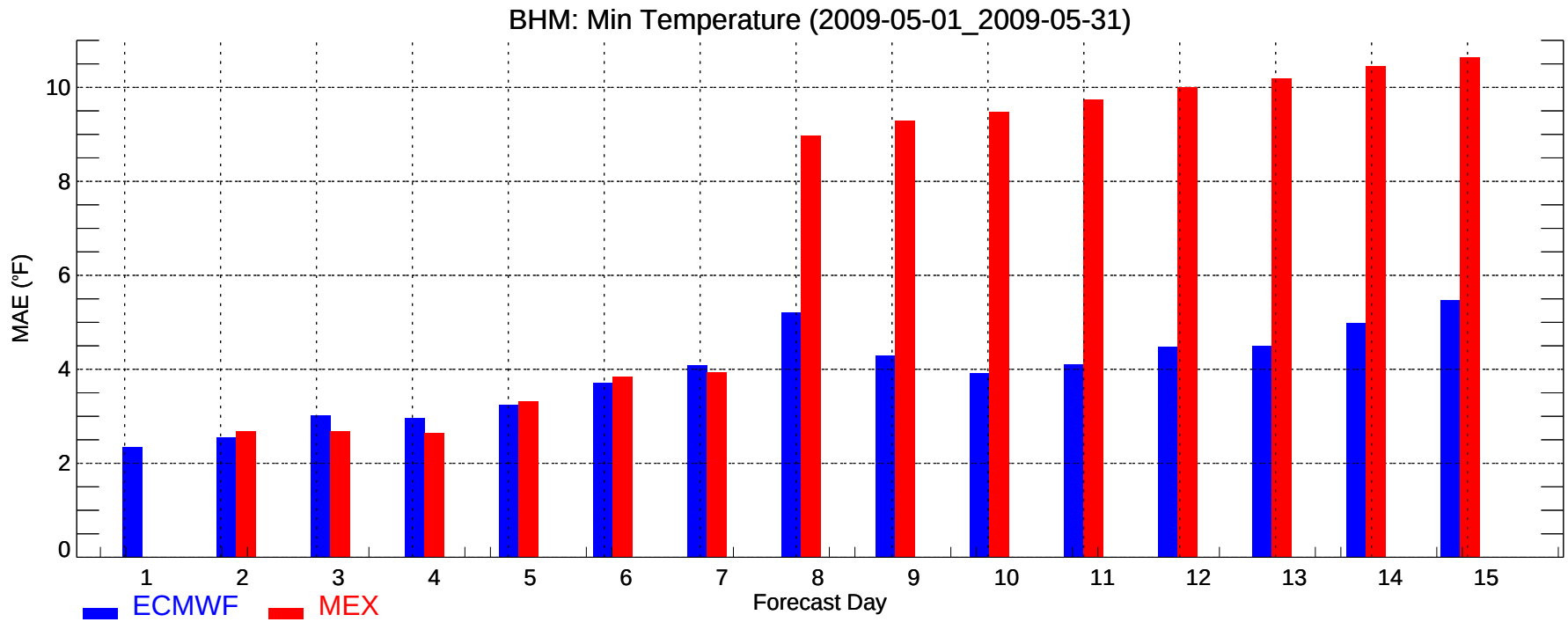
Forecast Day
ECMWF
MEX


BHM: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
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6
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8
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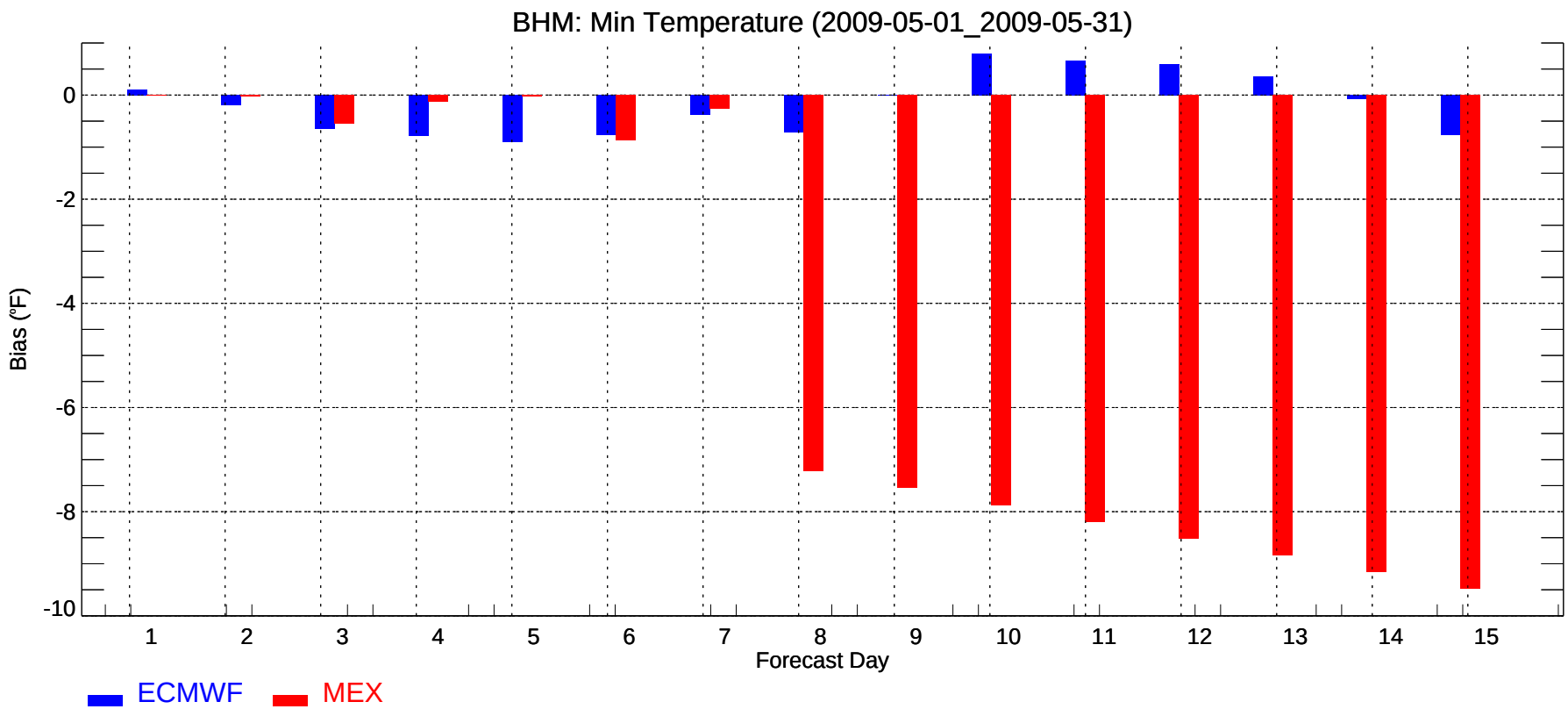
13
14
15
Forecast Day
ECMWF
MEX


BHM: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
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13
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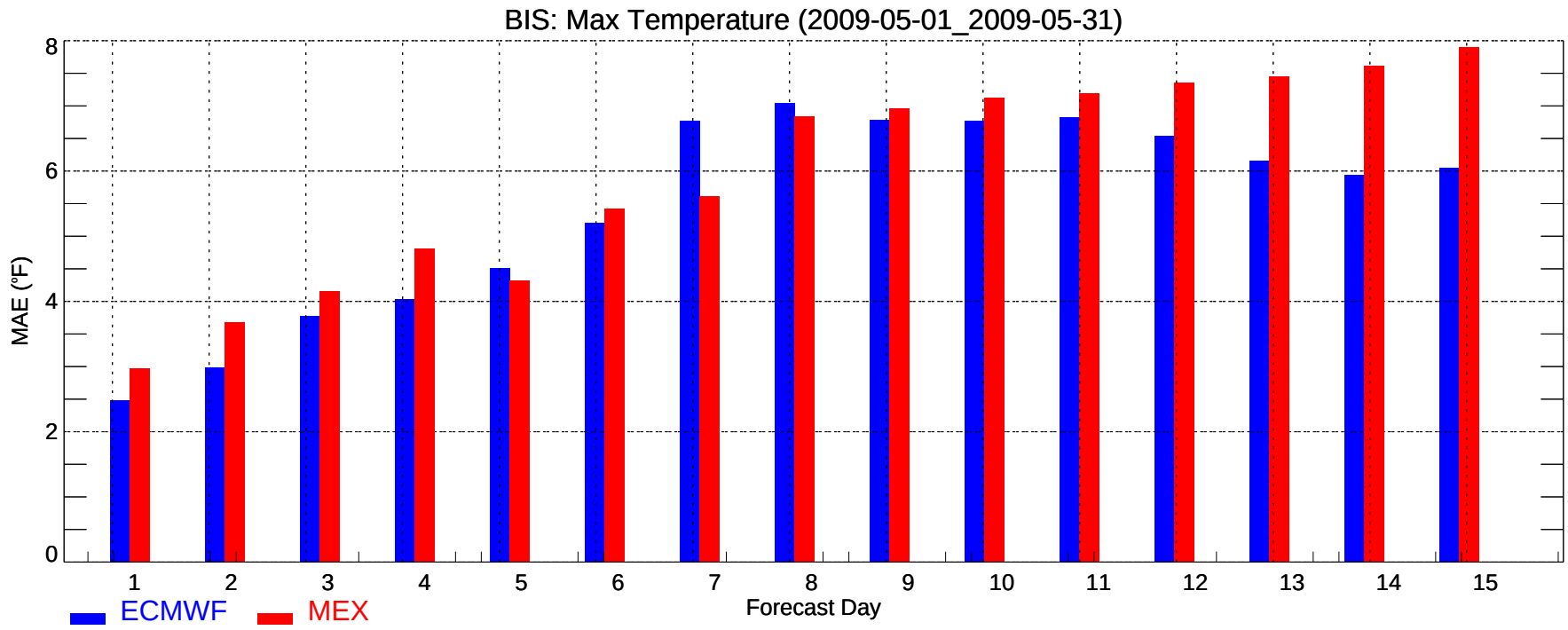
Forecast Day
ECMWF
MEX


BIS: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
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3
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5
6
7
8
9
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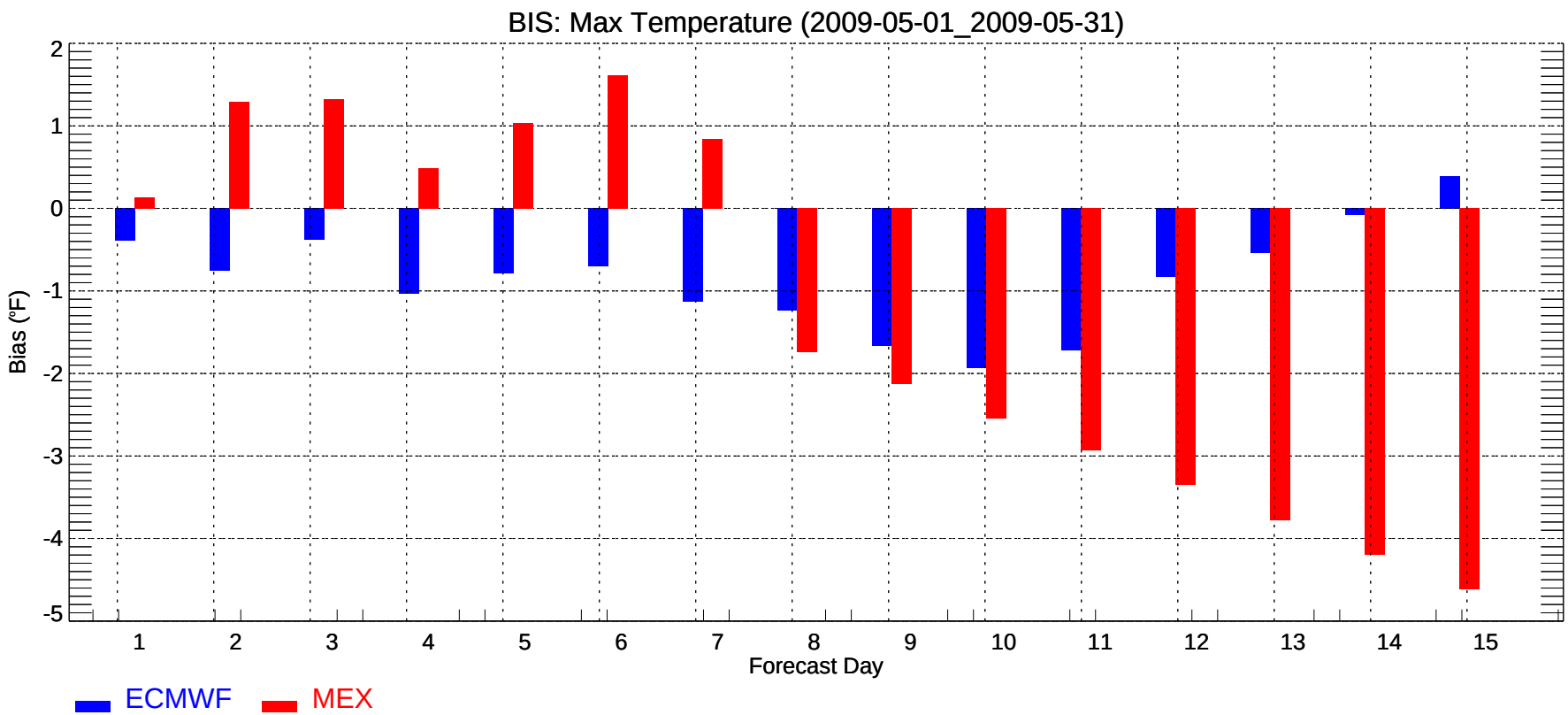
12
13
14
15
Forecast Day
ECMWF
MEX


BIS: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
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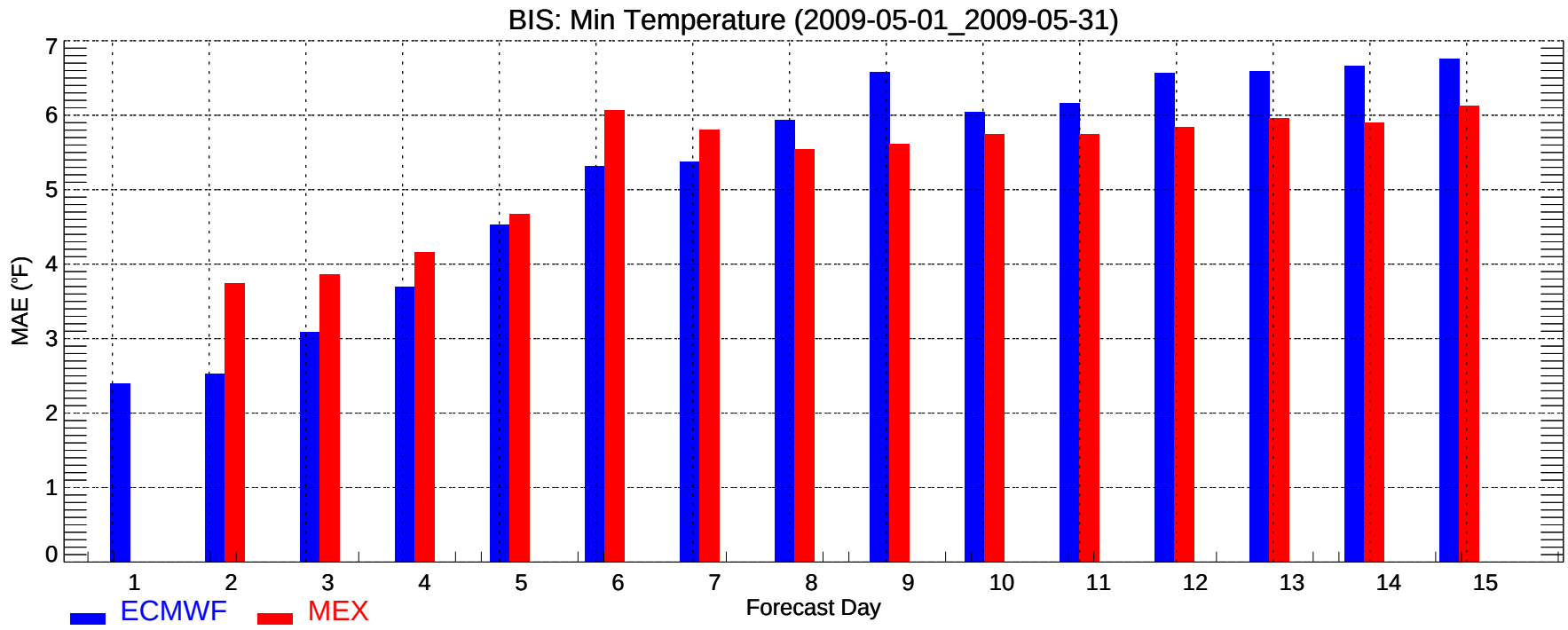
Forecast Day
ECMWF
MEX


BIS: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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6
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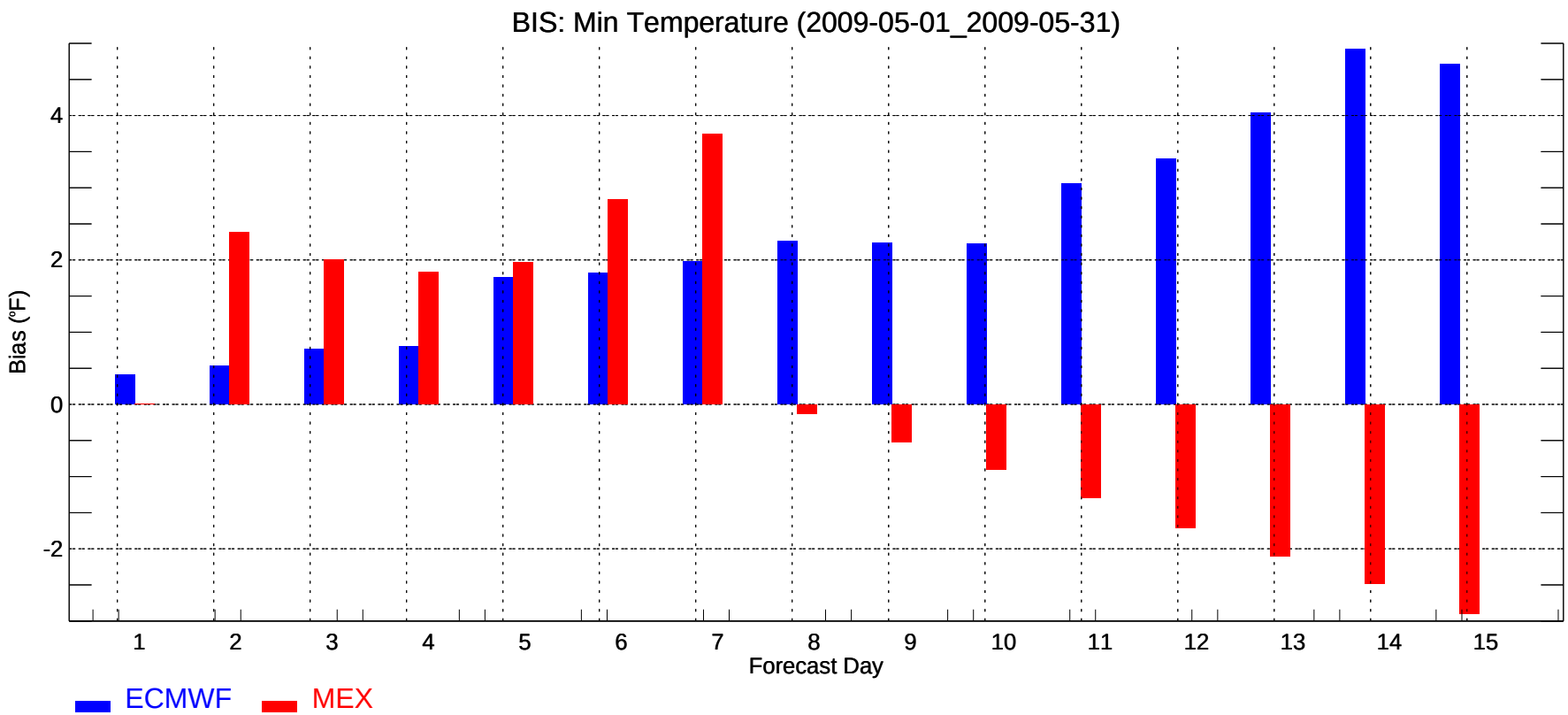
Forecast Day
ECMWF
MEX


BIS: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
-2
0
2
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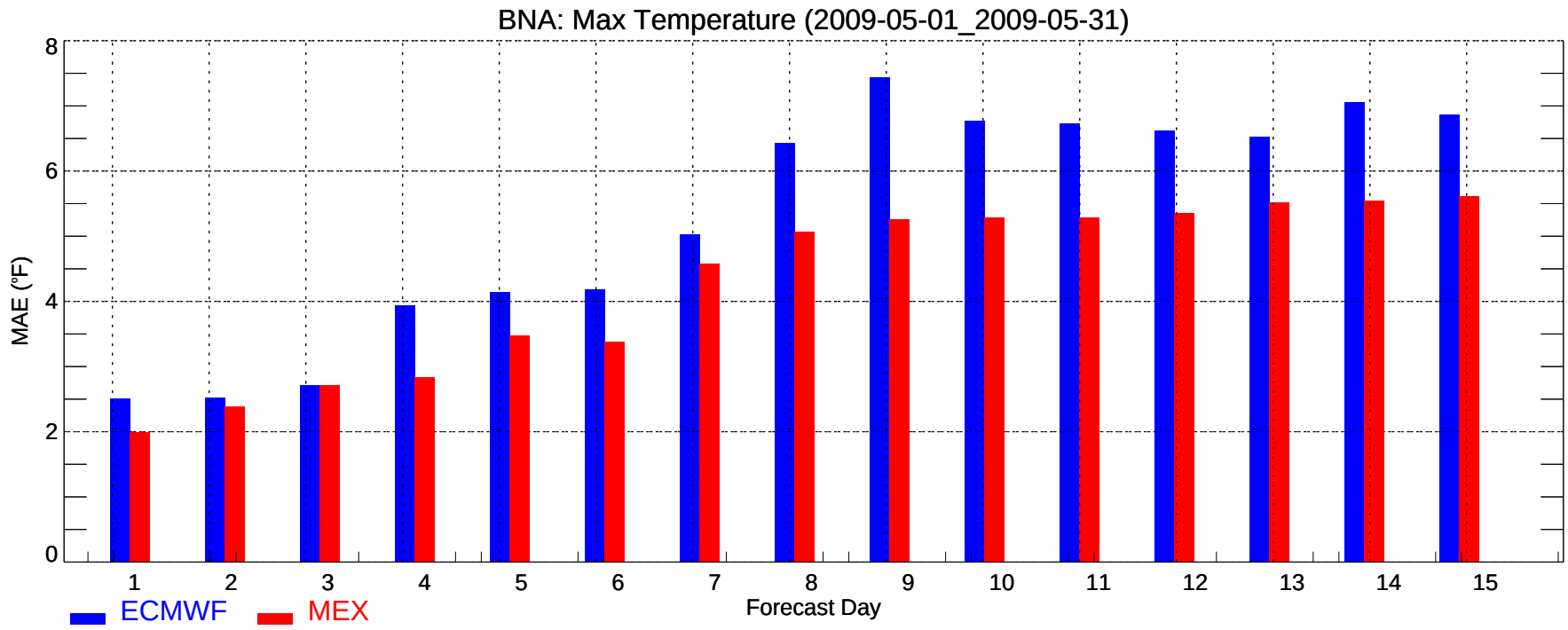
Forecast Day
ECMWF
MEX


BNA: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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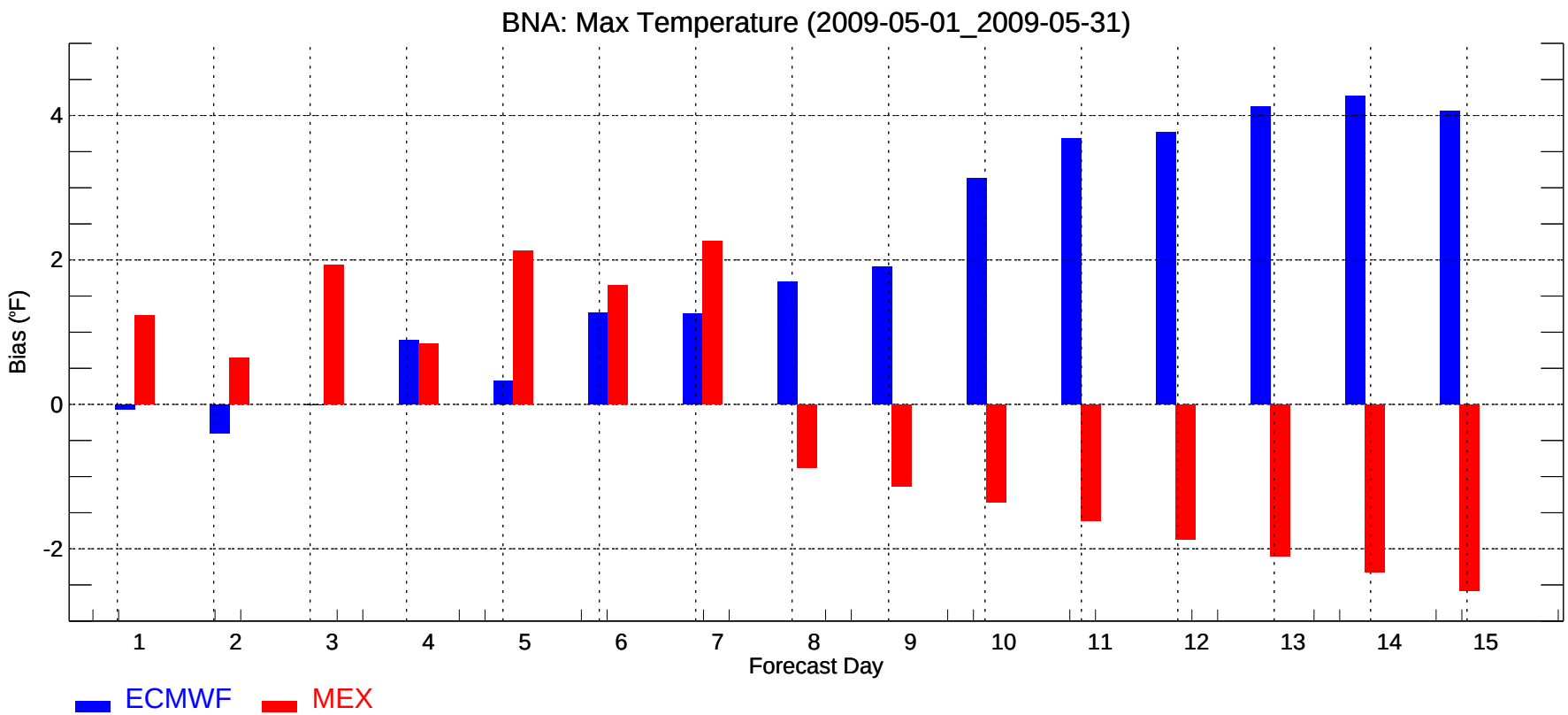
Forecast Day
ECMWF
MEX


BNA: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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0
2
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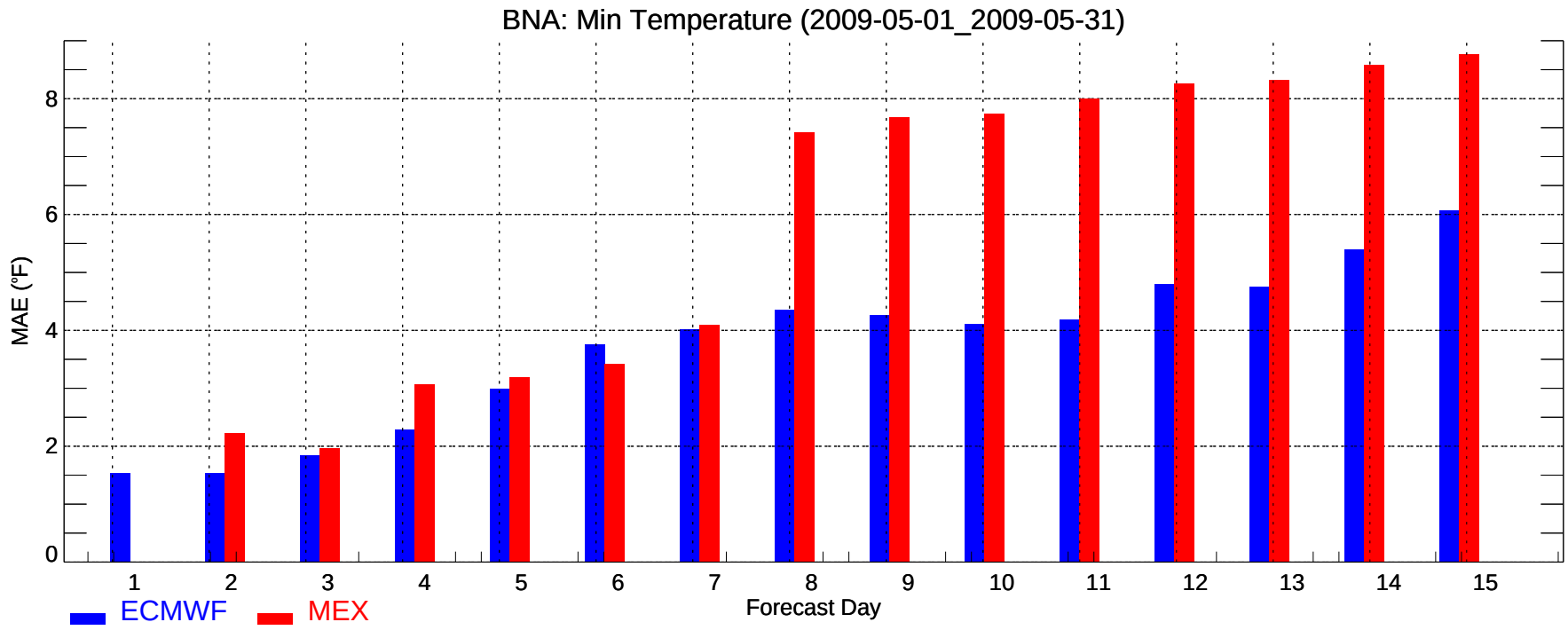
Forecast Day
ECMWF
MEX


BNA: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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Forecast Day
ECMWF
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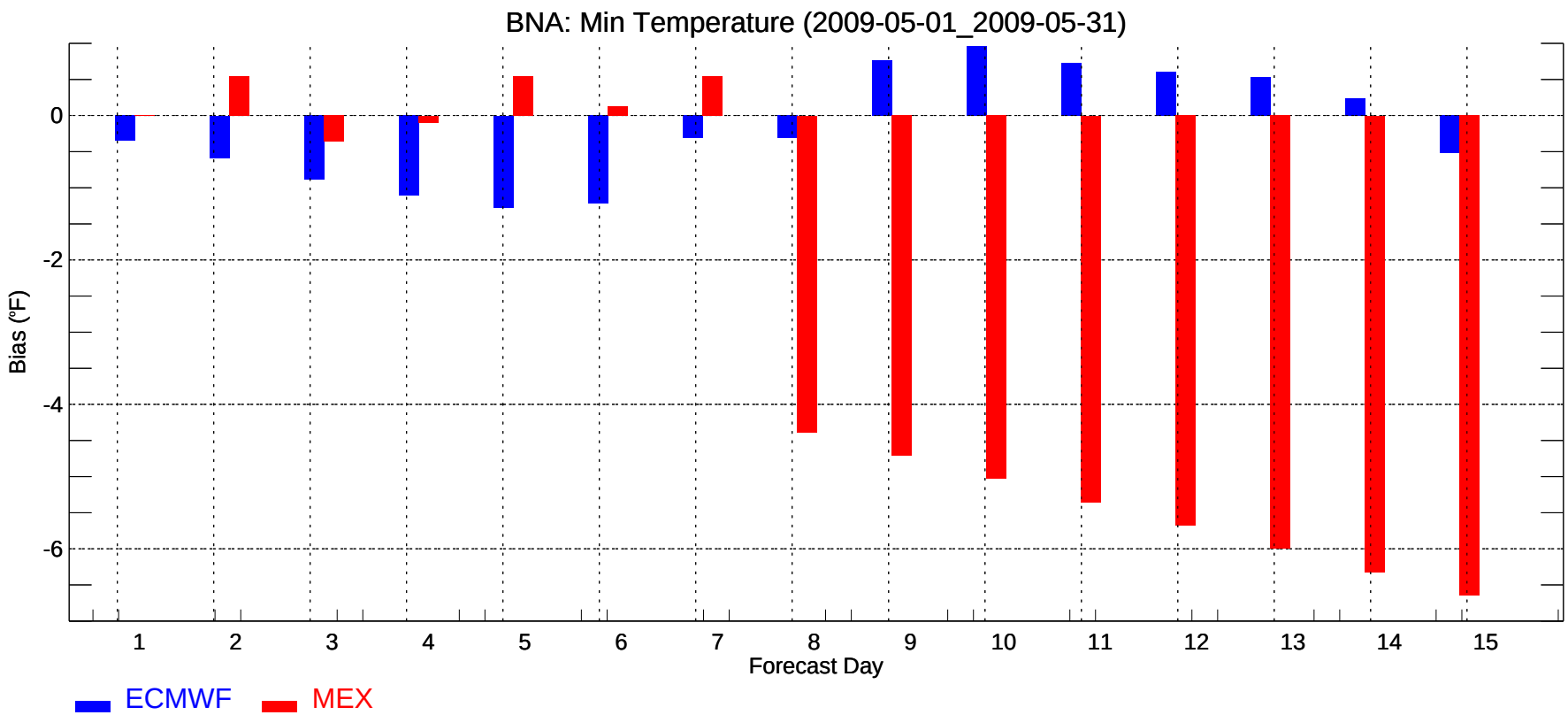
BNA: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-2
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Forecast Day
ECMWF
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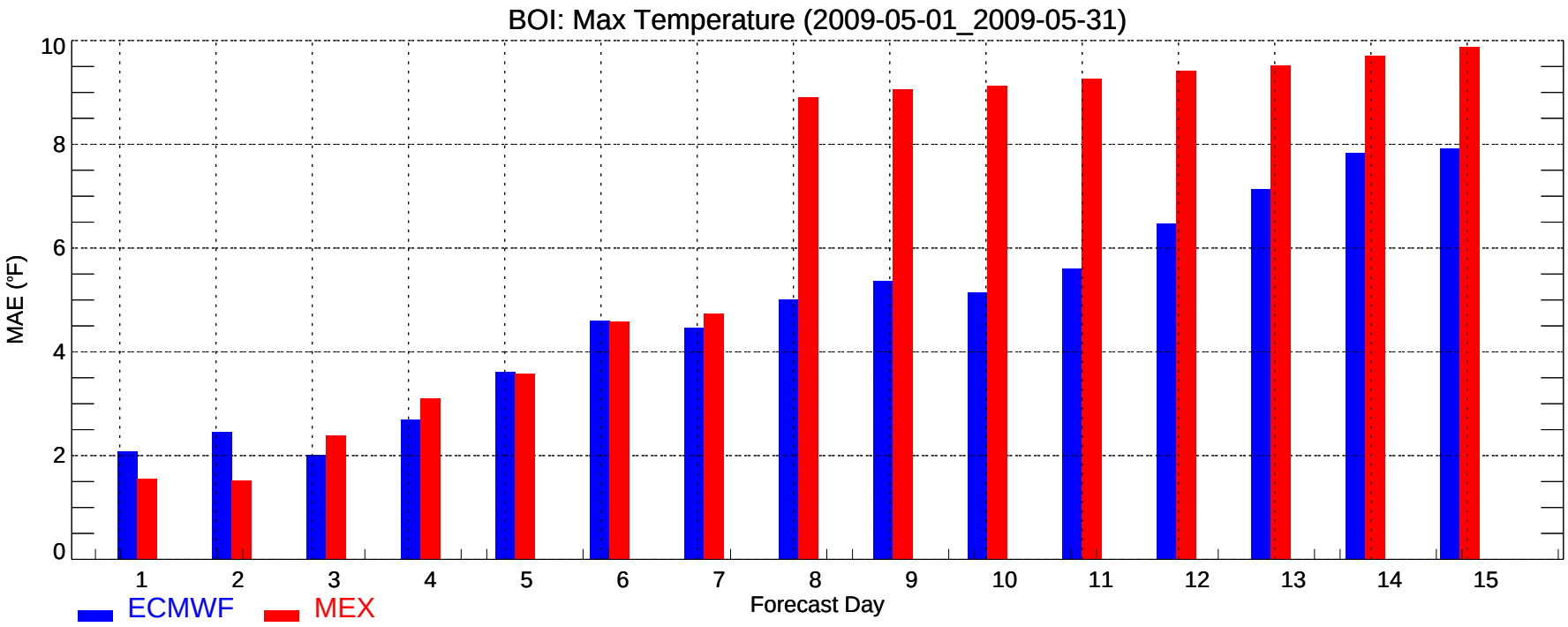
BOI: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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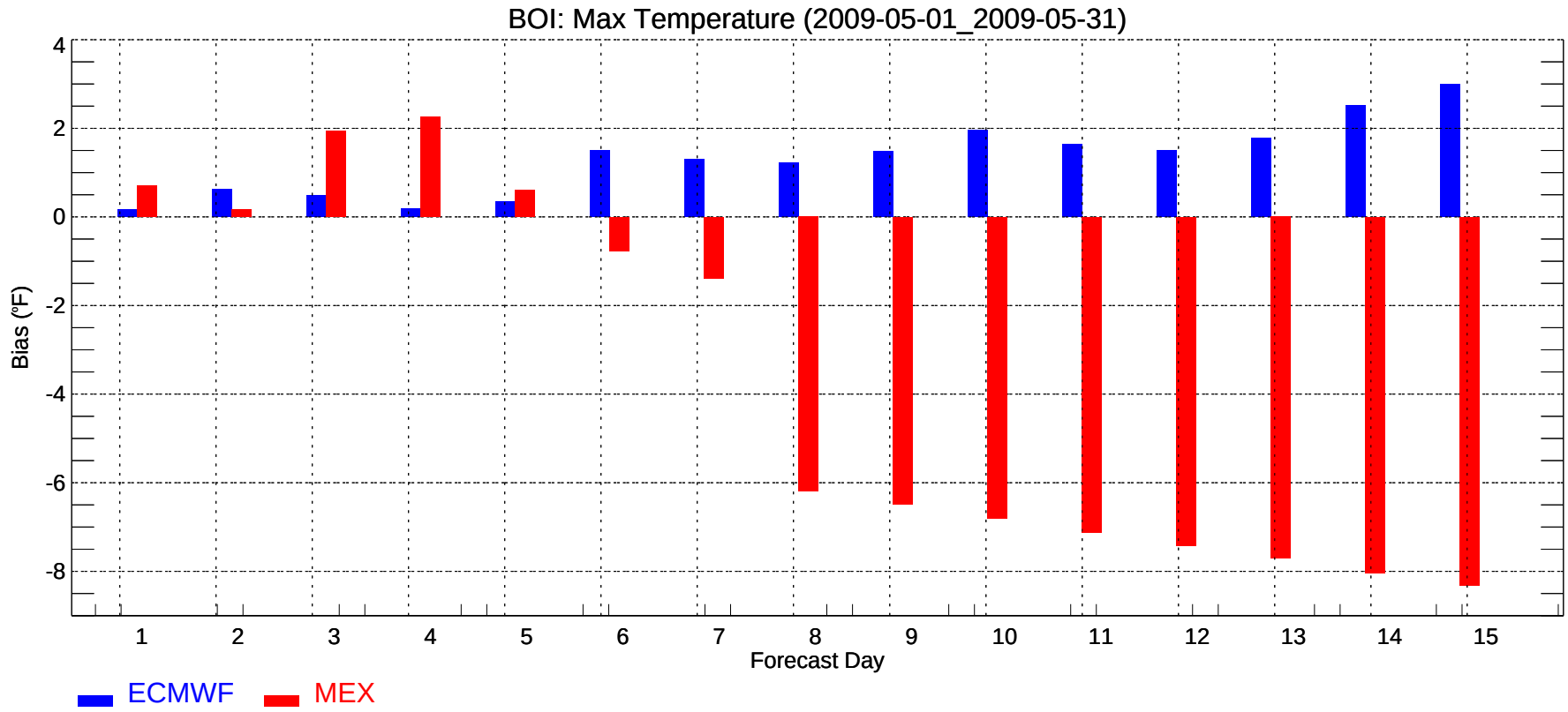
Forecast Day
ECMWF
MEX


BOI: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
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-2
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-8
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Forecast Day
ECMWF
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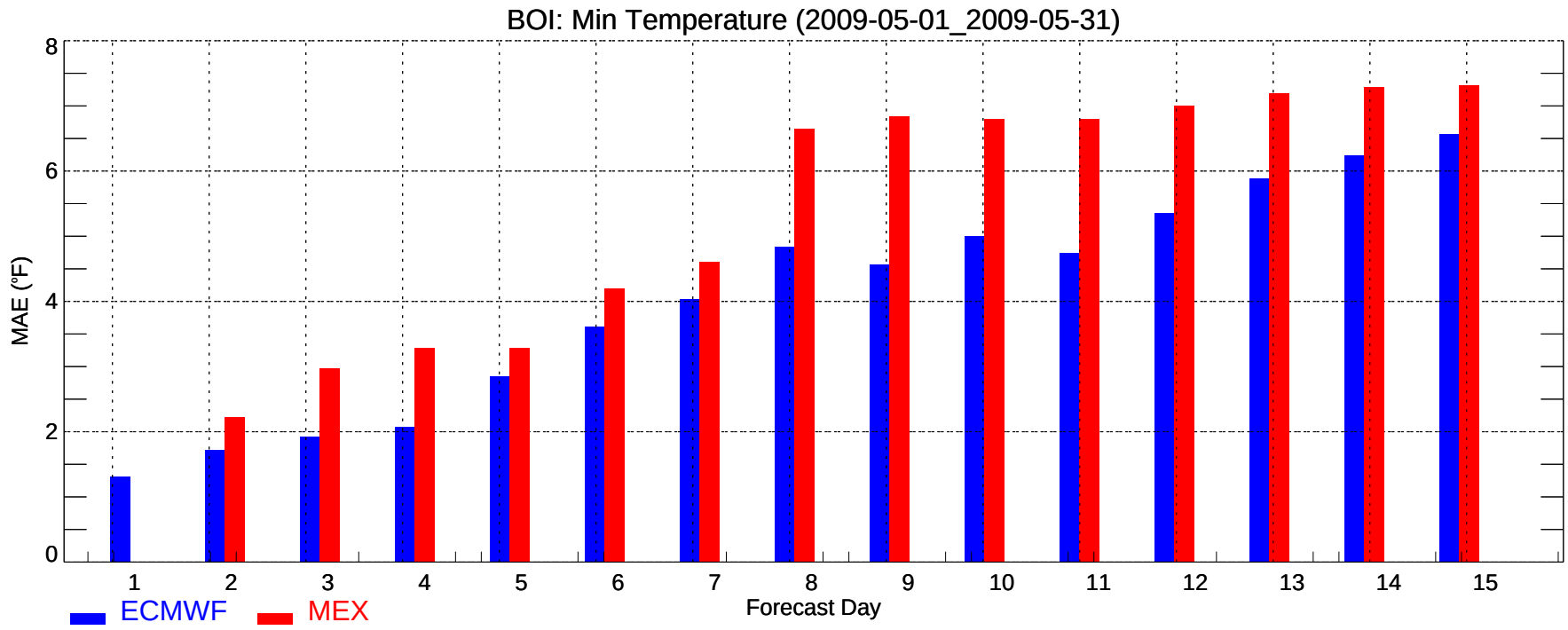
BOI: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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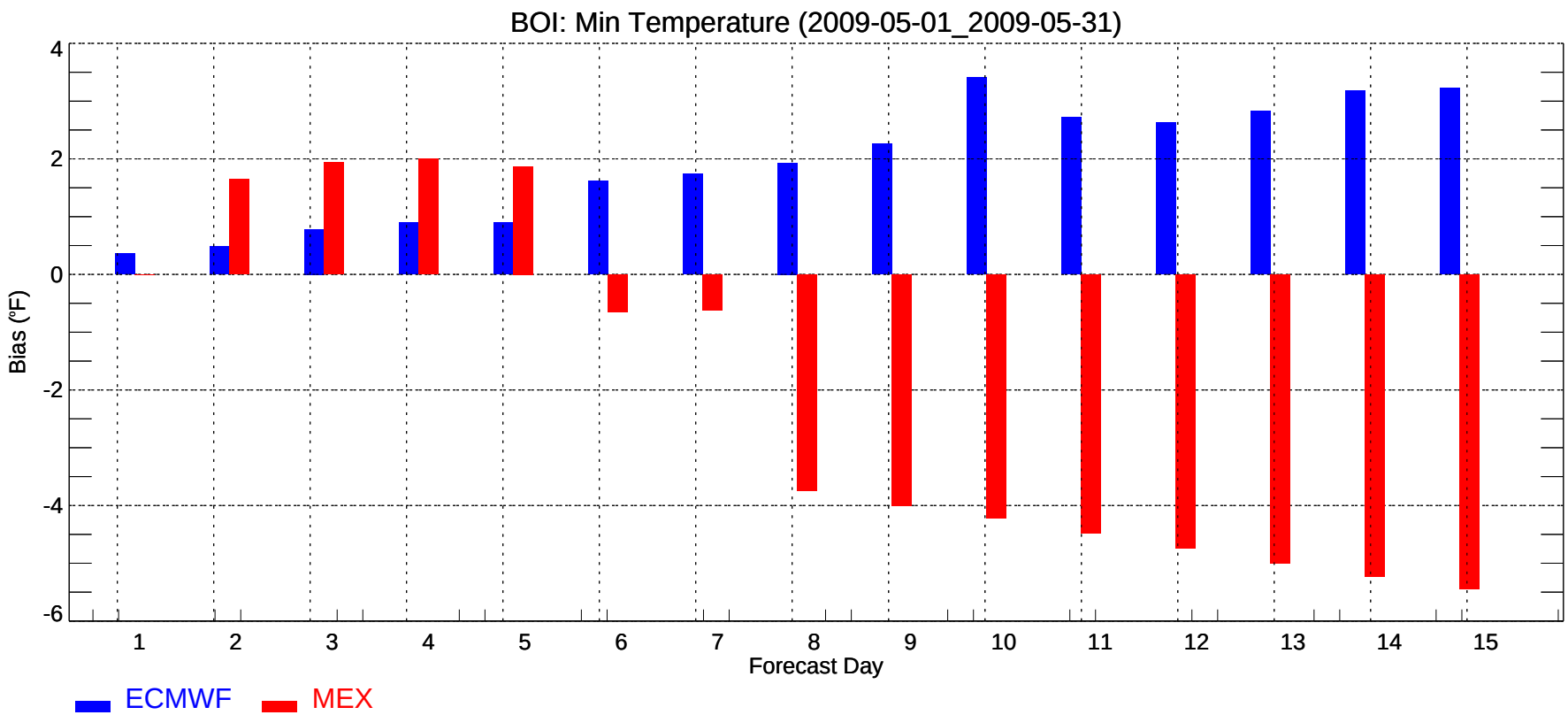
Forecast Day
ECMWF
MEX


BOI: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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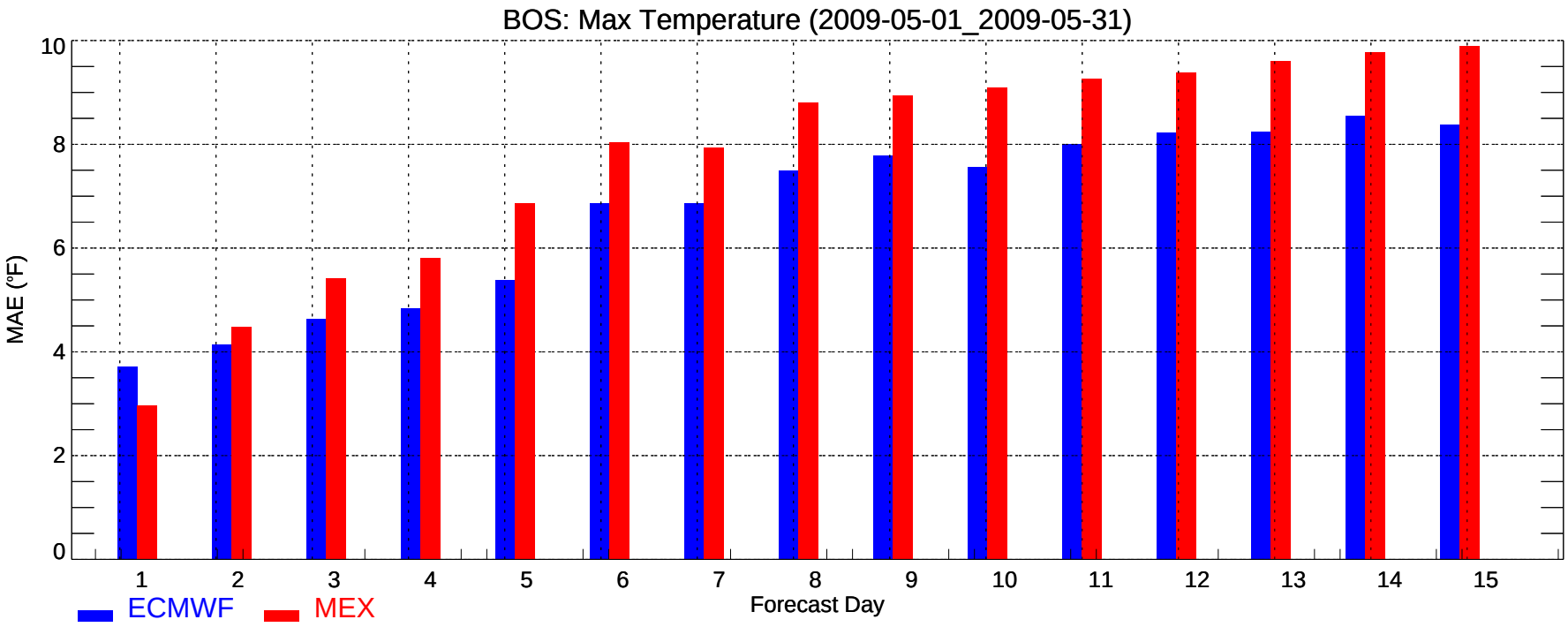
Forecast Day
ECMWF
MEX


BOS: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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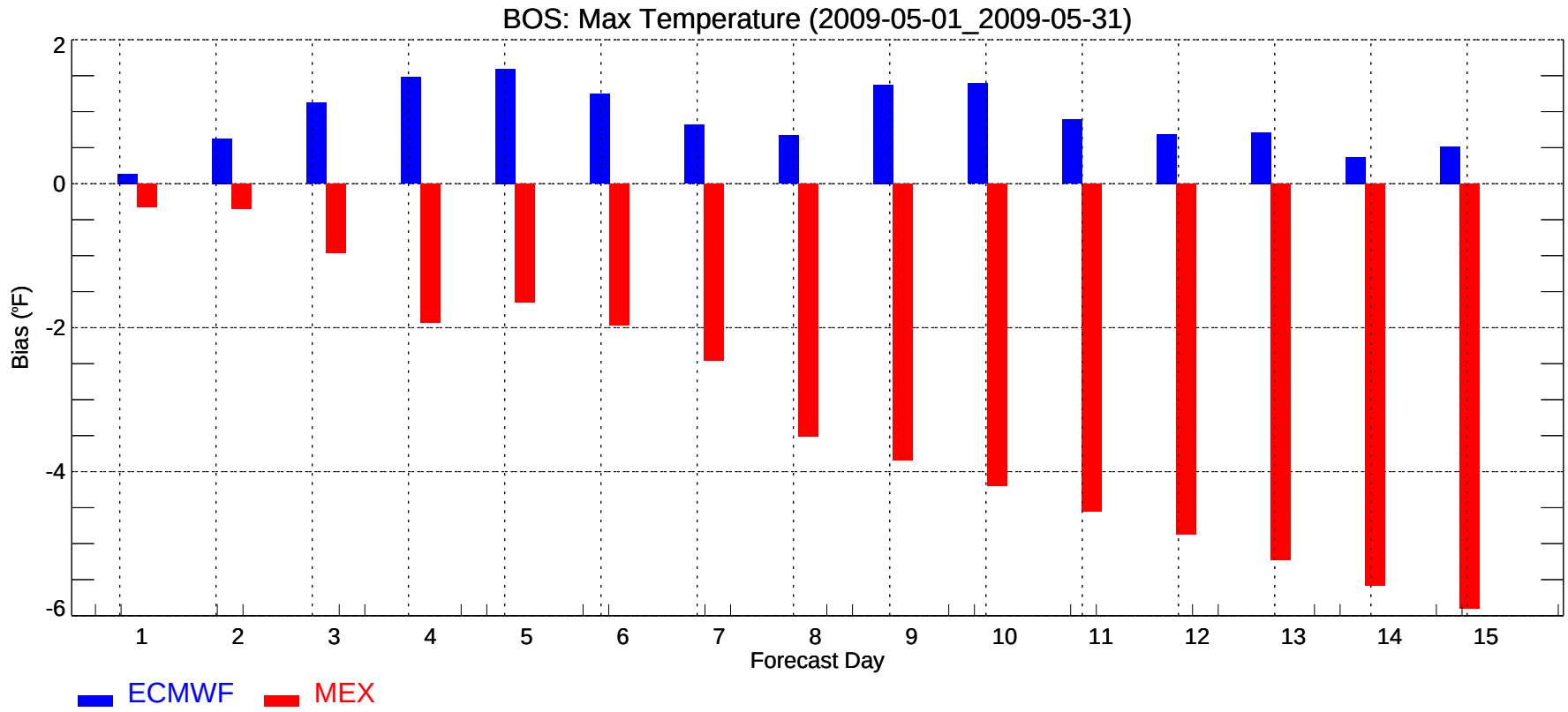
Forecast Day
ECMWF
MEX


BOS: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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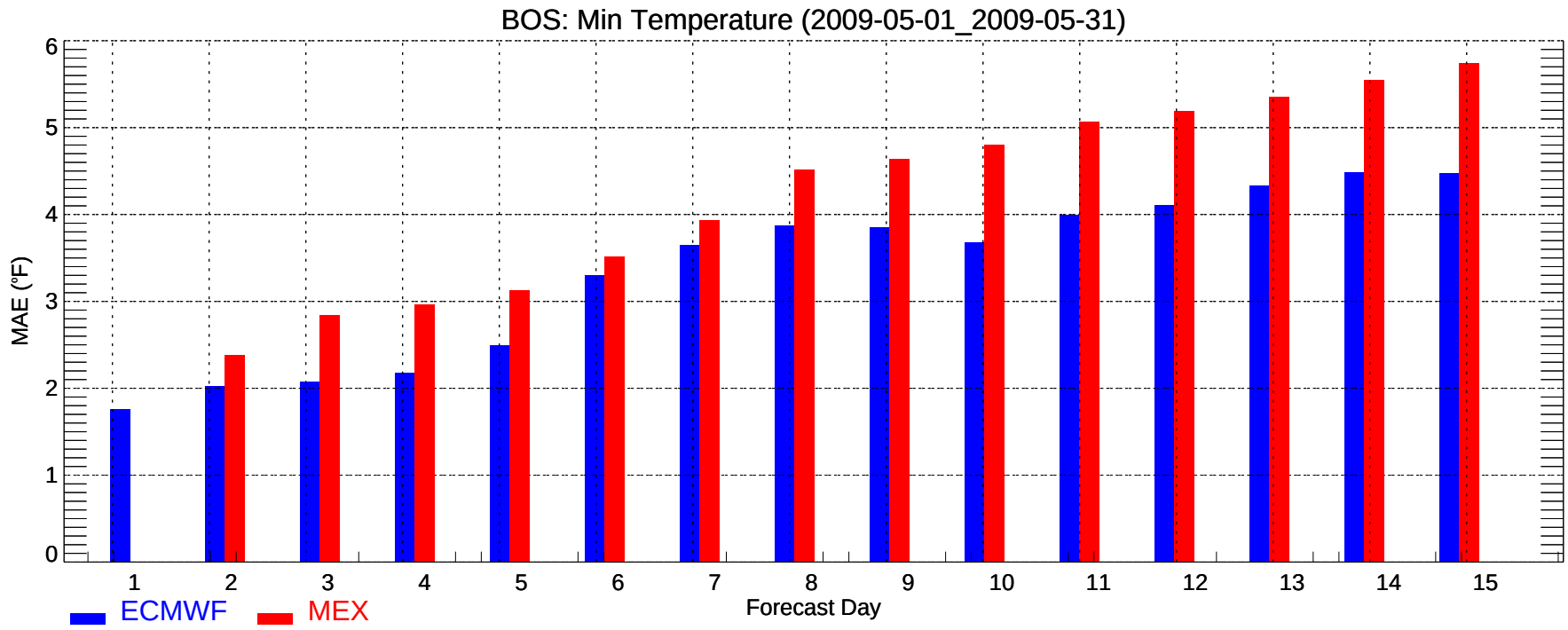
Forecast Day
ECMWF
MEX


BOS: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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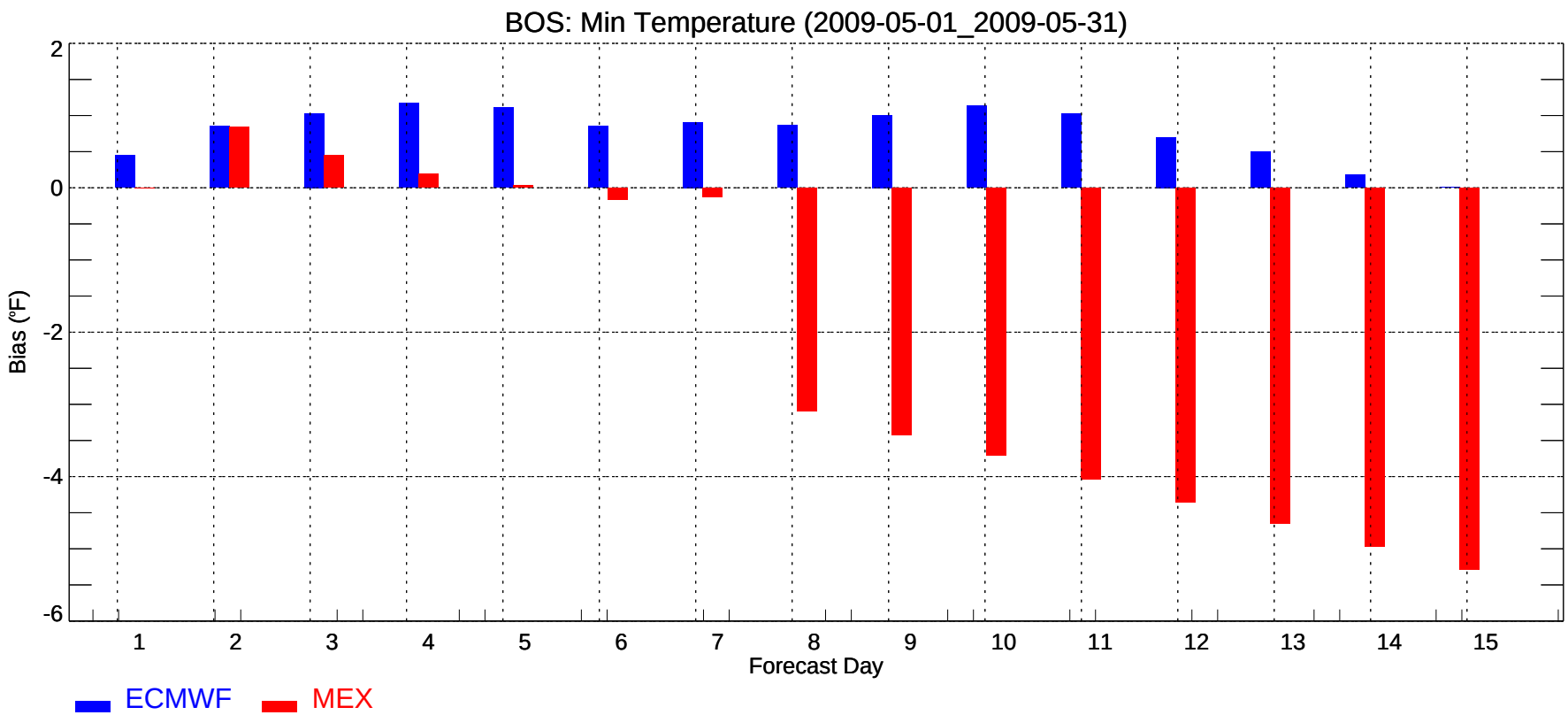
Forecast Day
ECMWF
MEX


BOS: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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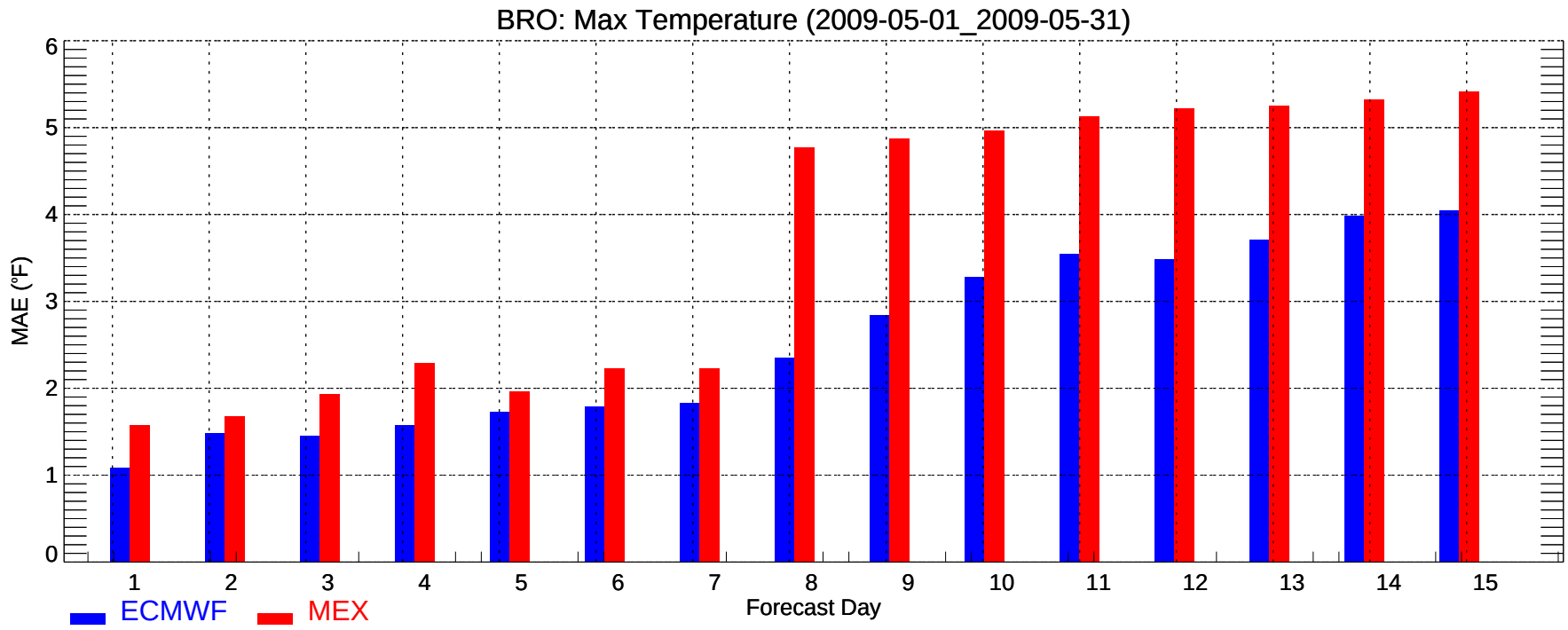
Forecast Day
ECMWF
MEX


BRO: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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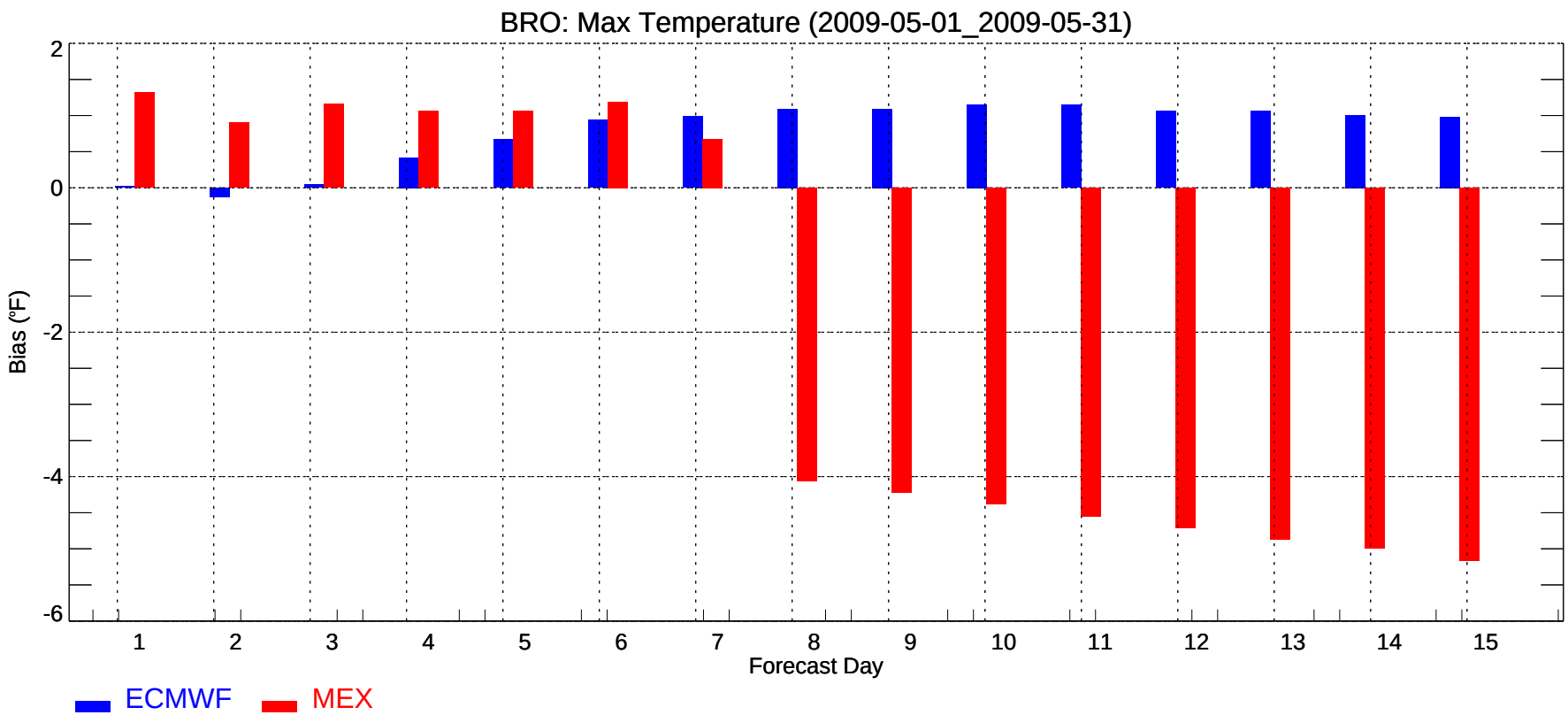
Forecast Day
ECMWF
MEX


BRO: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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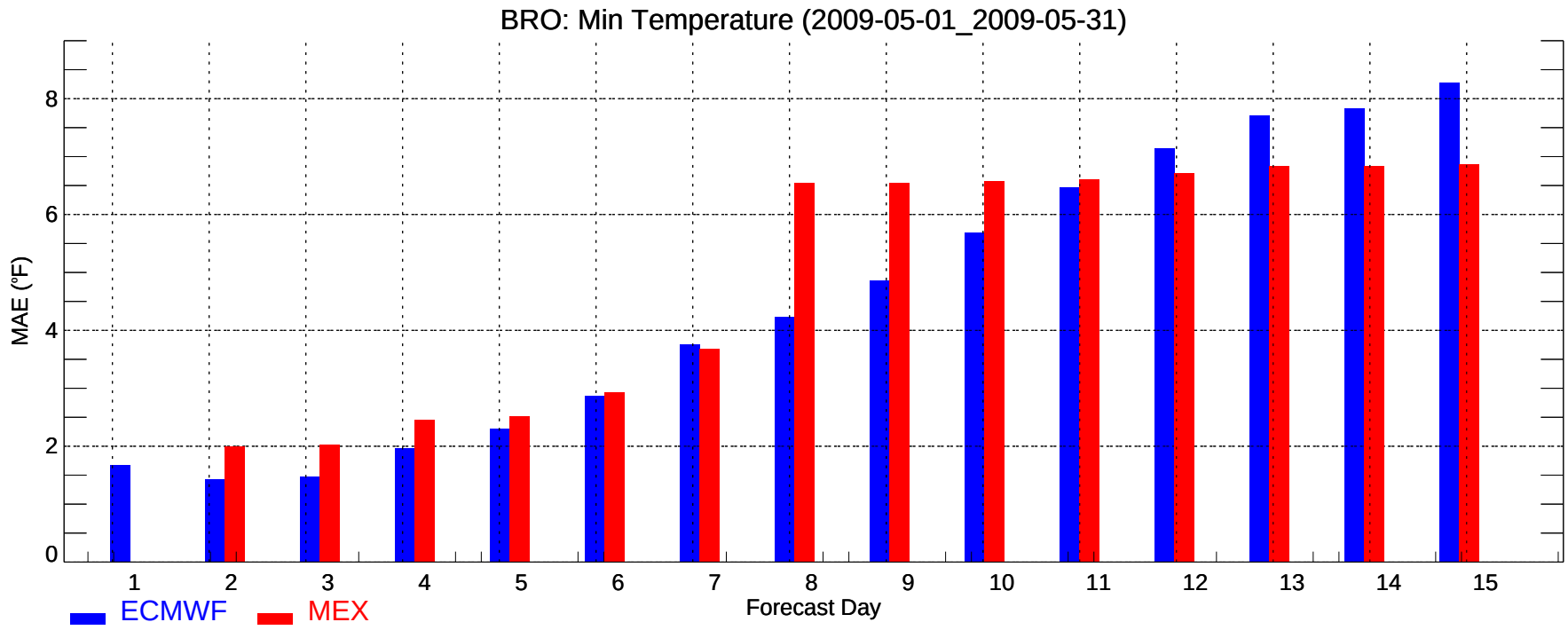
Forecast Day
ECMWF
MEX


BRO: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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Forecast Day
ECMWF
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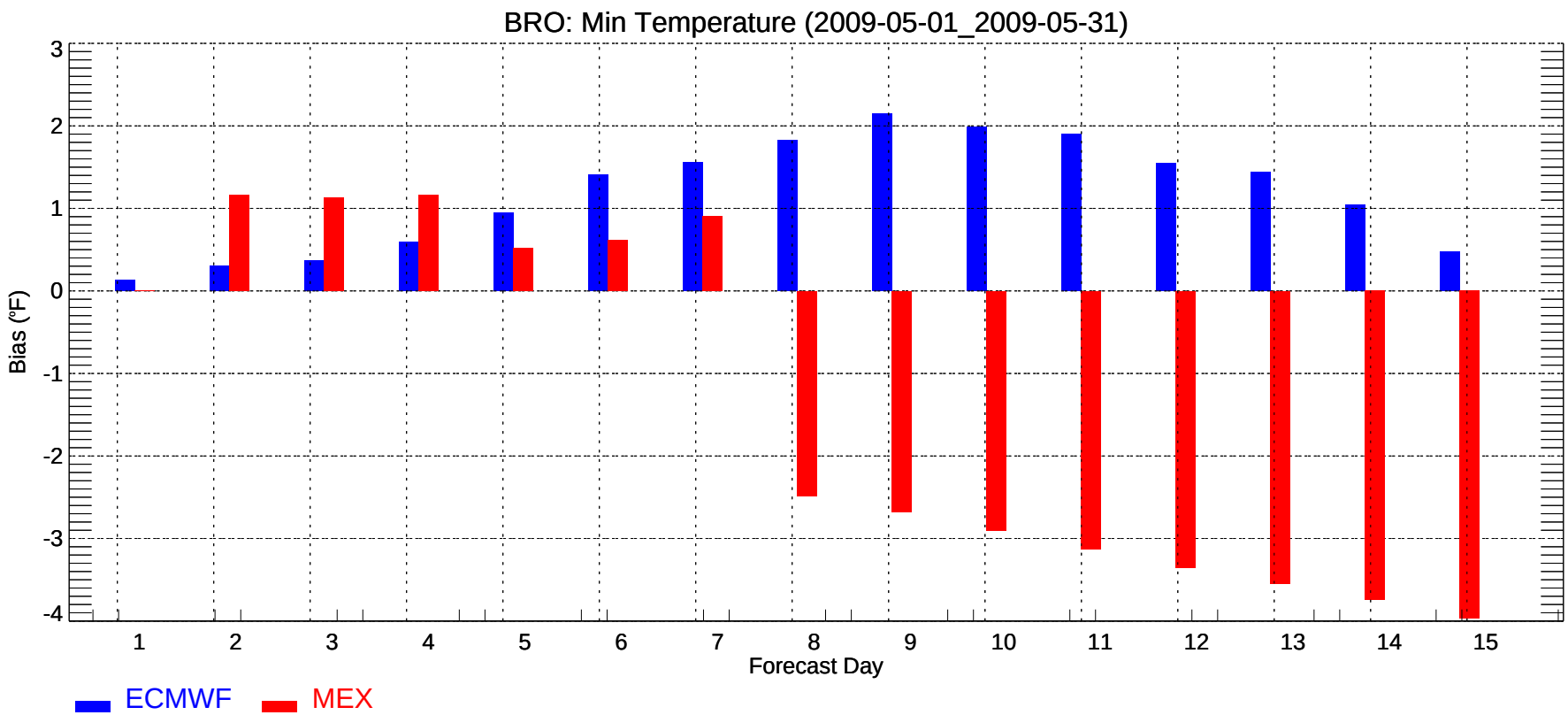
BRO: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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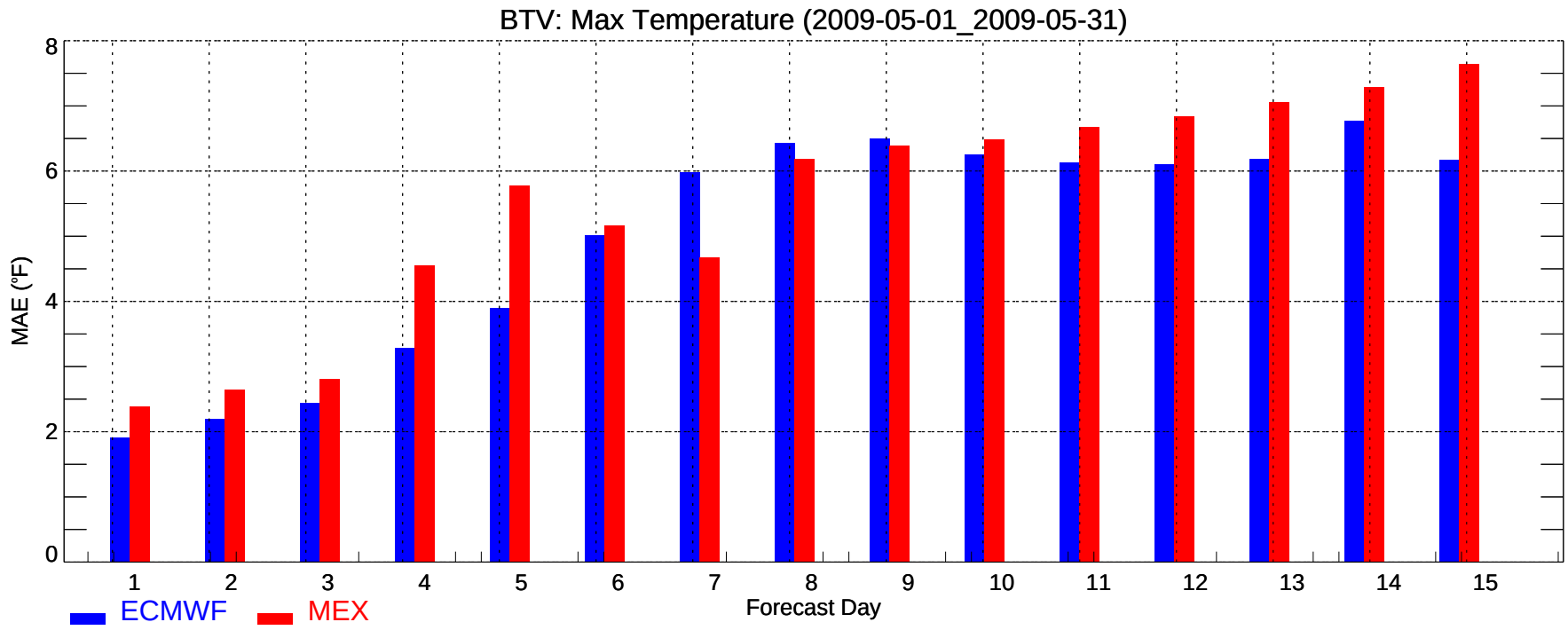
Forecast Day
ECMWF
MEX


BTV: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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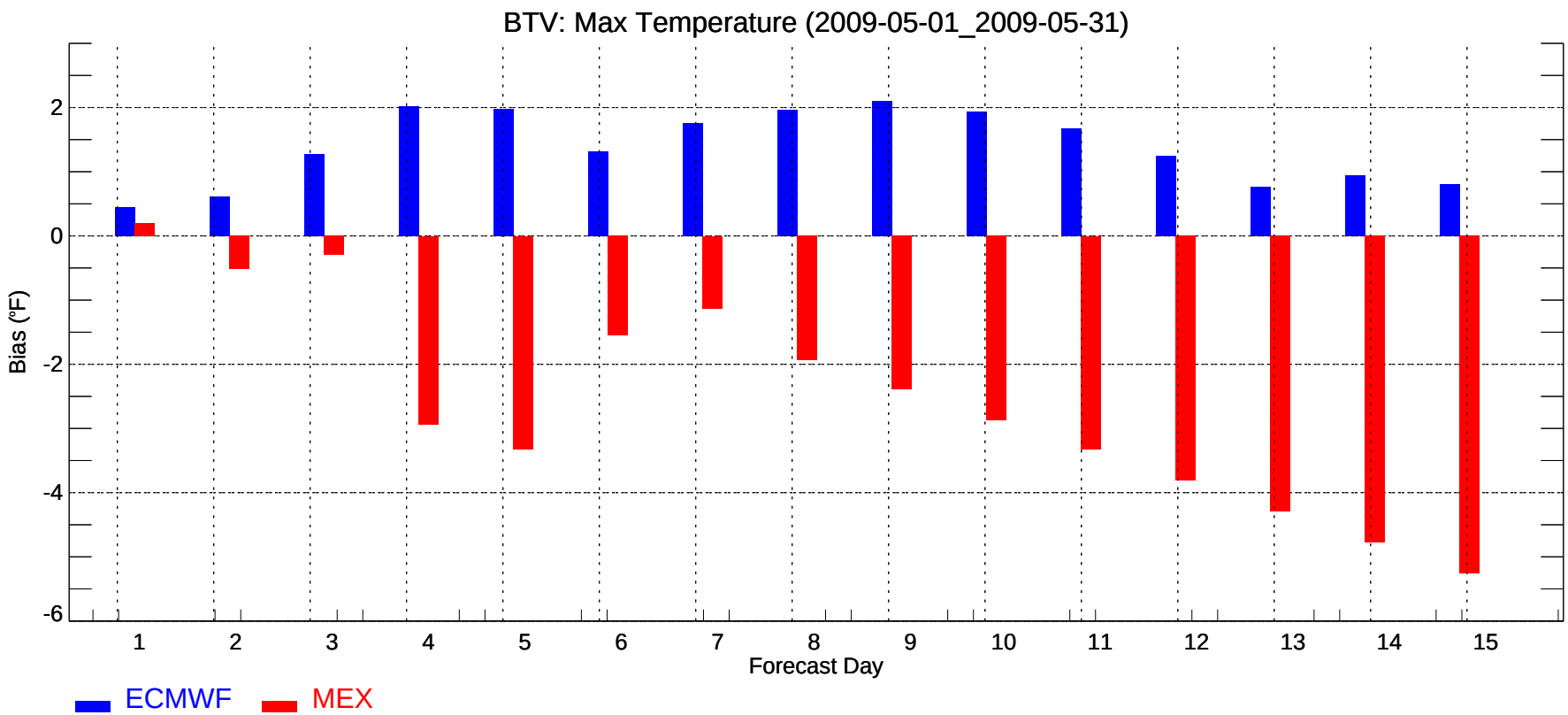
Forecast Day
ECMWF
MEX


BTV: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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Forecast Day
ECMWF
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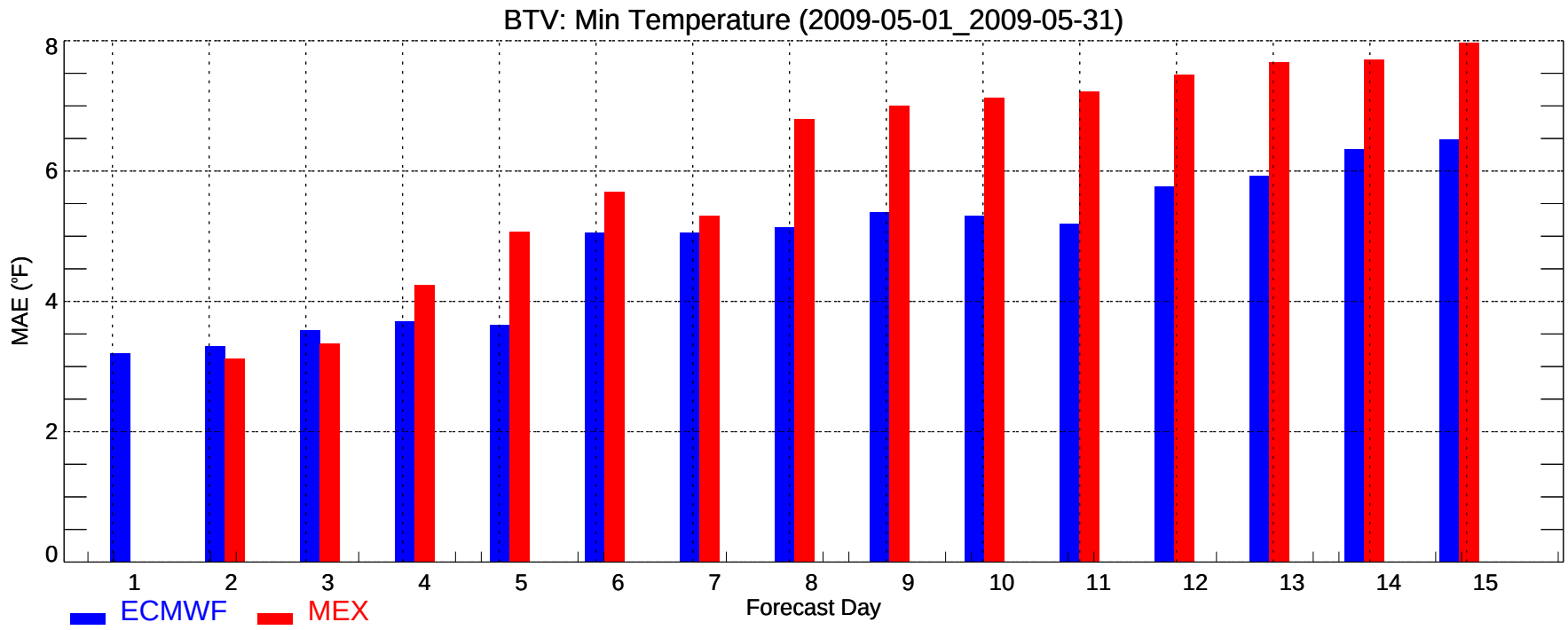
BTV: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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Forecast Day
ECMWF
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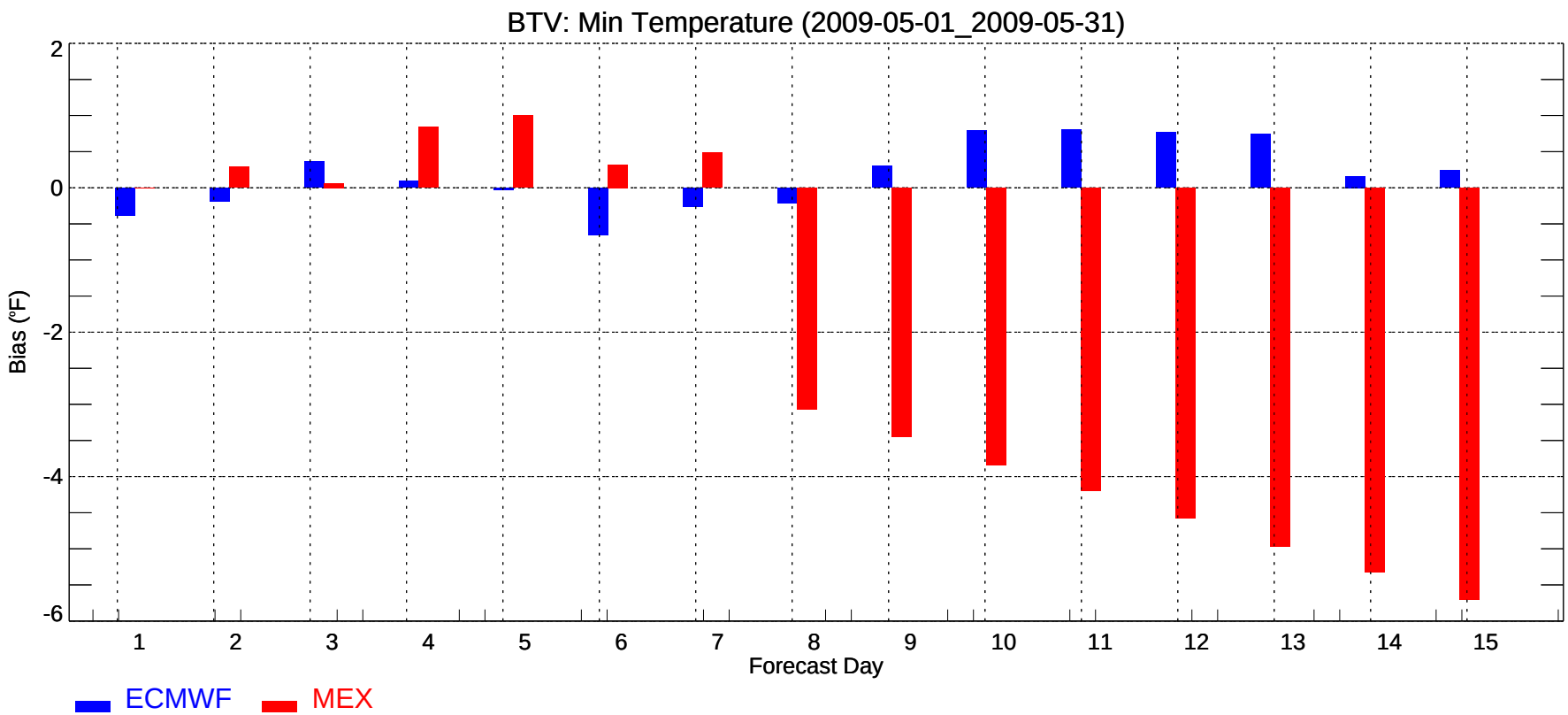
BTV: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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Forecast Day
ECMWF
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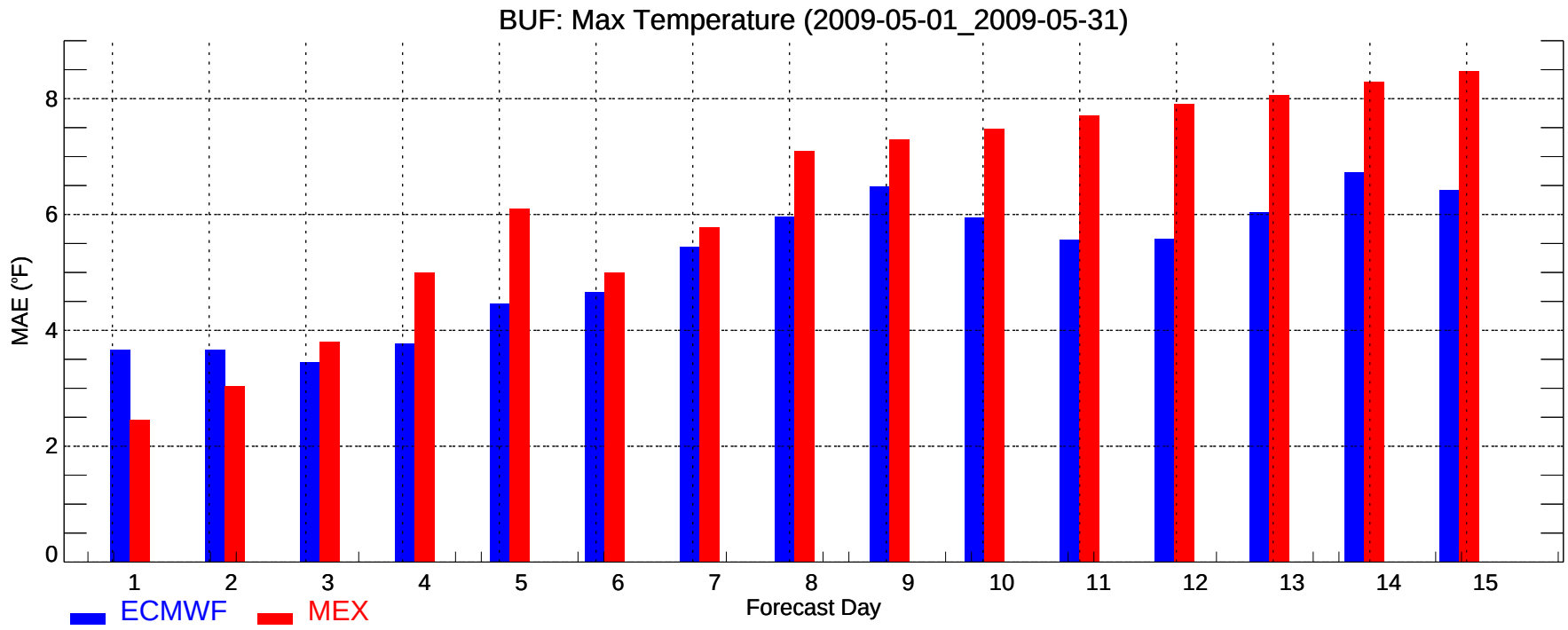
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MAE (°F)
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Forecast Day
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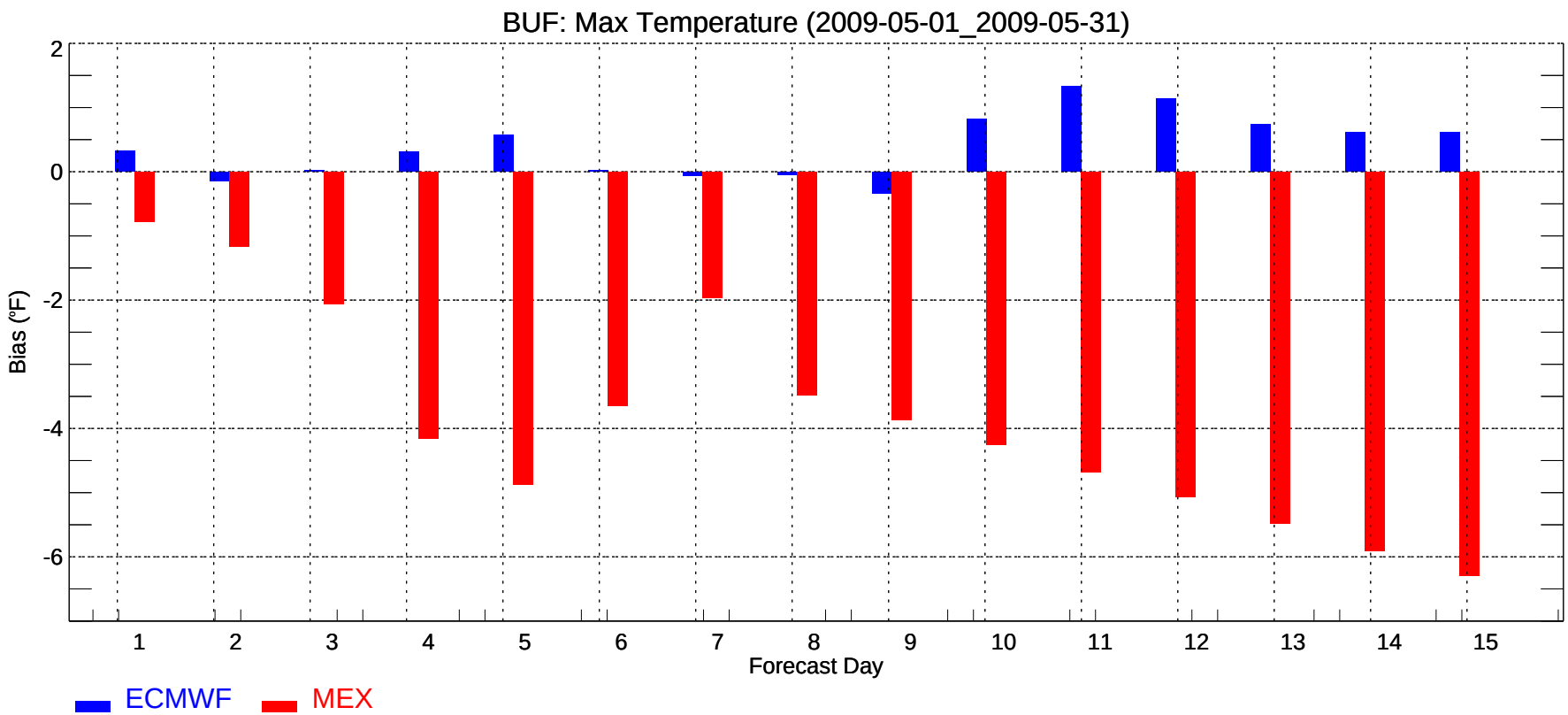
BUF: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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Forecast Day
ECMWF
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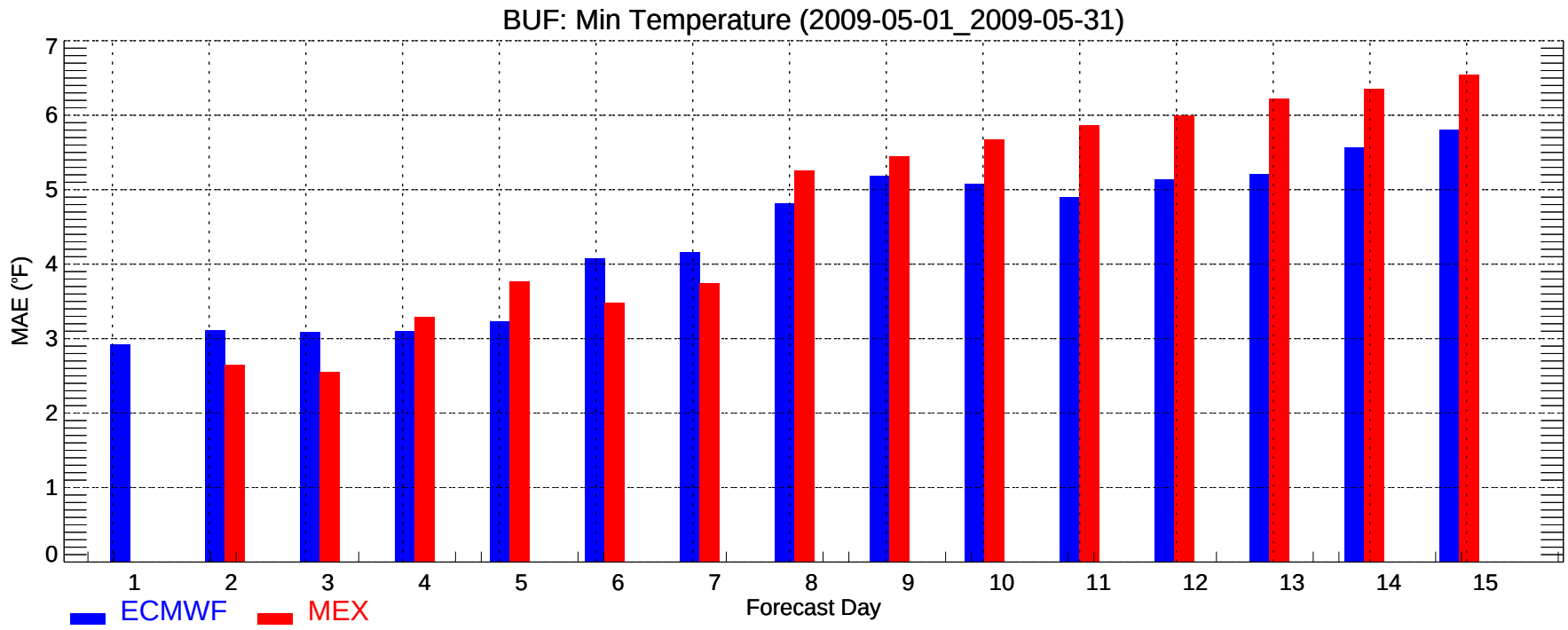
BUF: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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Forecast Day
ECMWF
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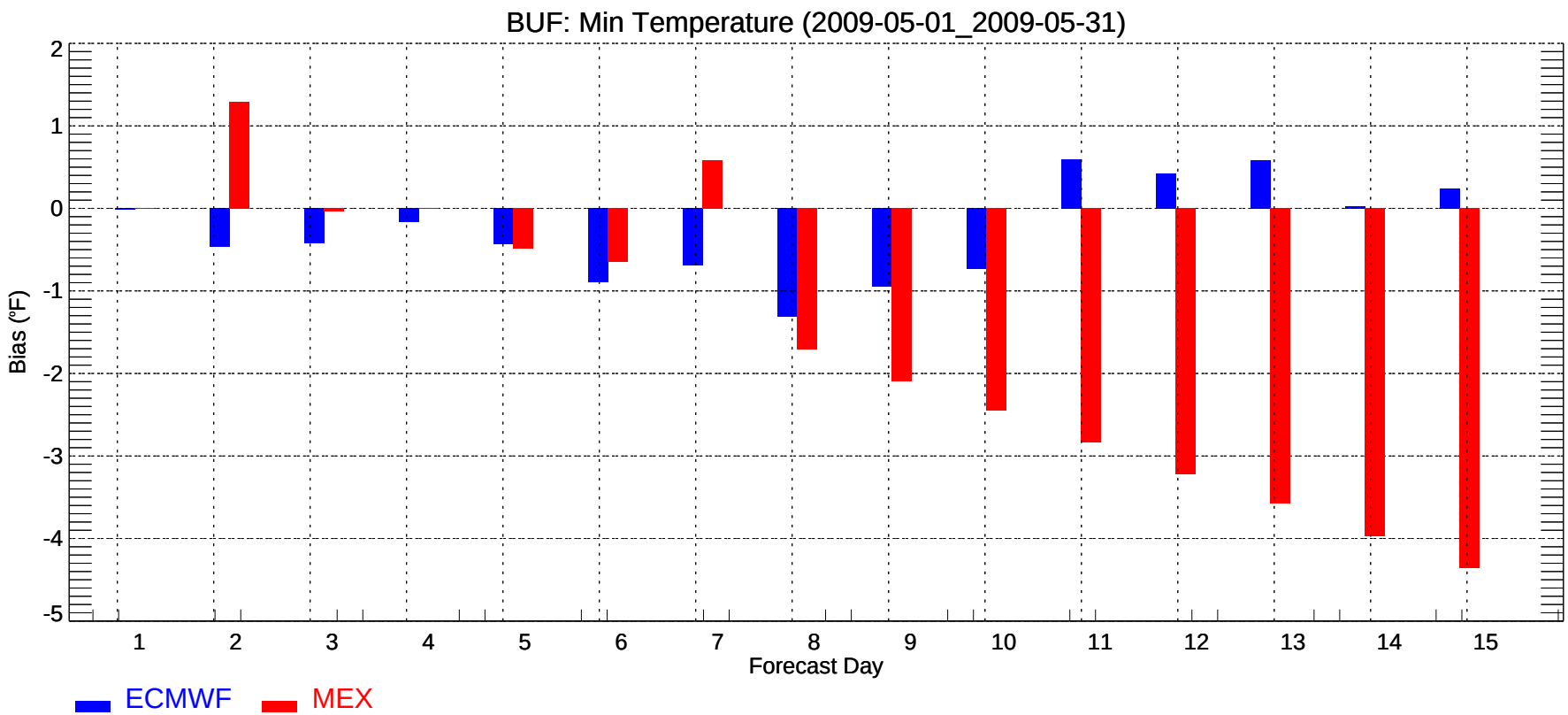
BUF: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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Forecast Day
ECMWF
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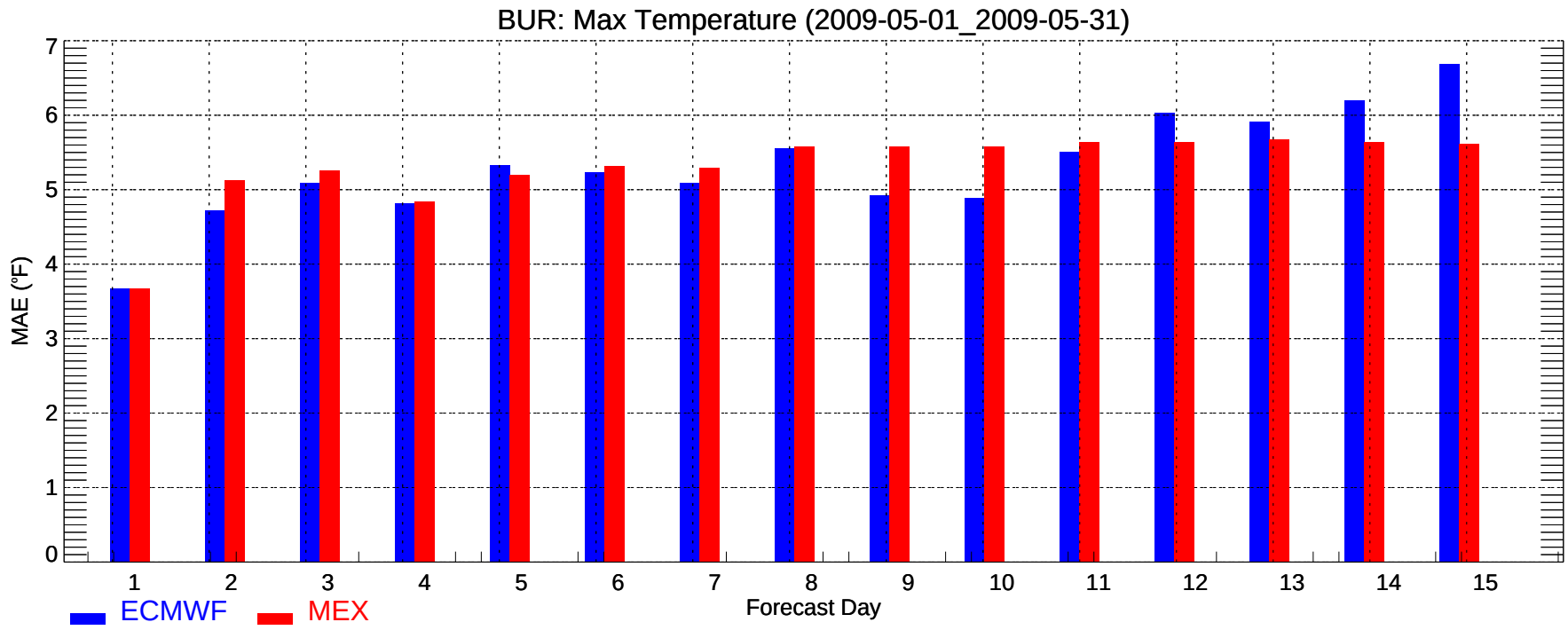
BUR: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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Forecast Day
ECMWF
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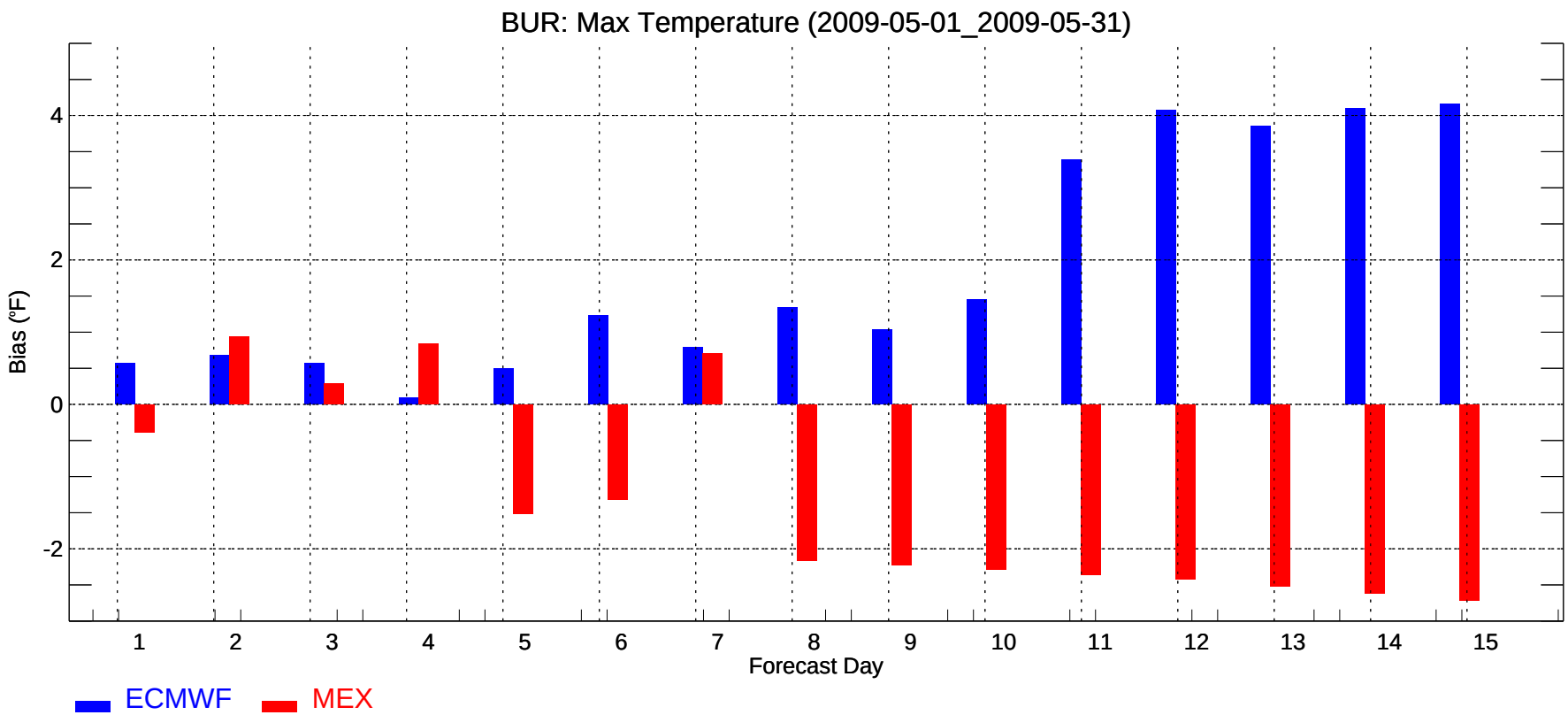
BUR: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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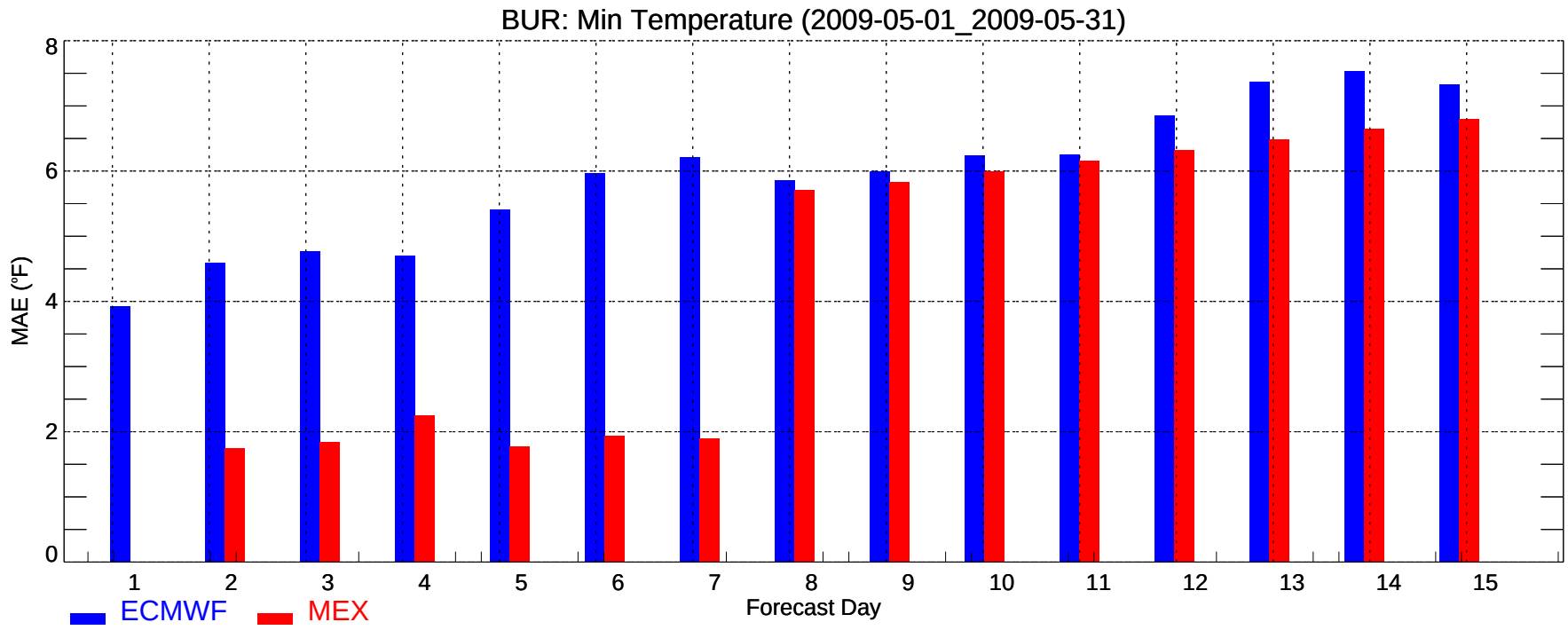
Forecast Day
ECMWF
MEX


BUR: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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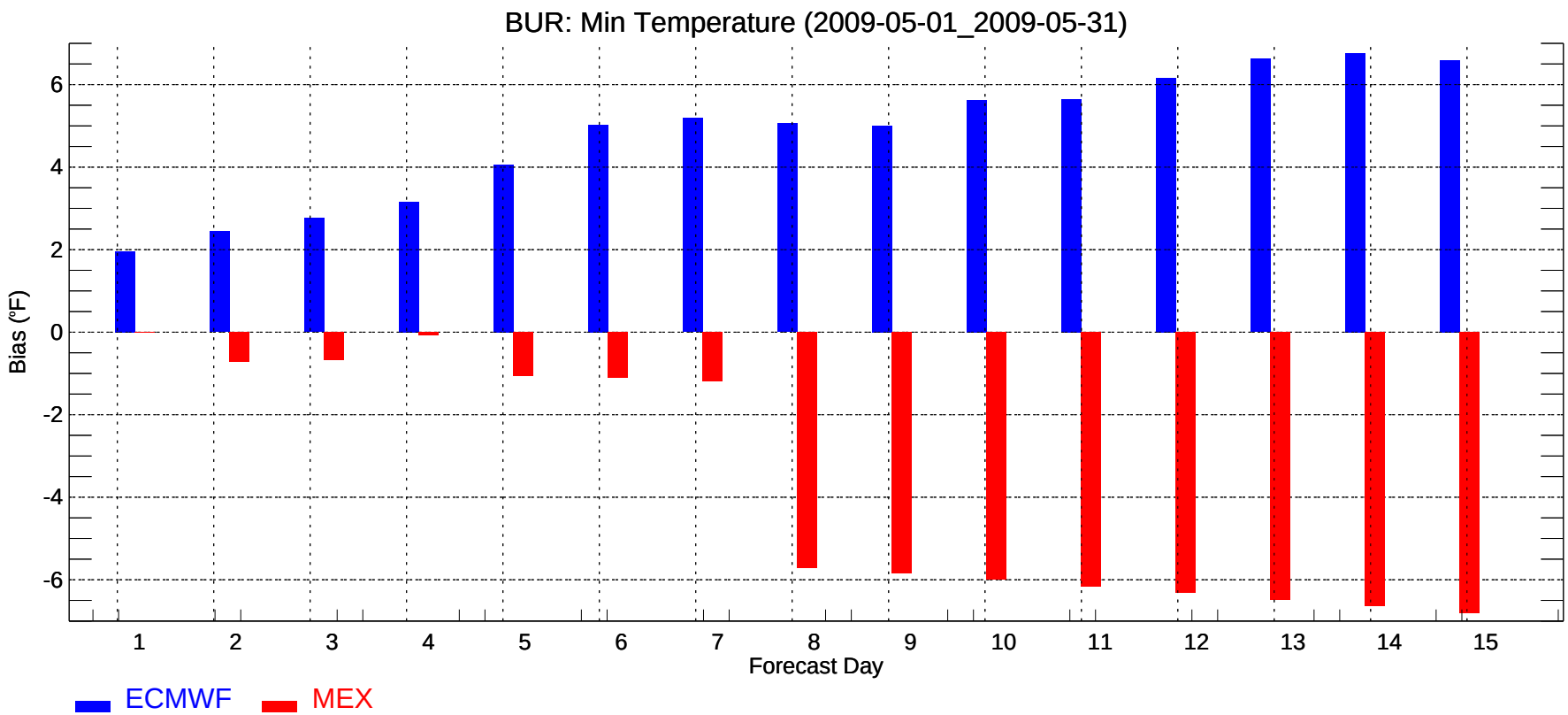
Forecast Day
ECMWF
MEX


BUR: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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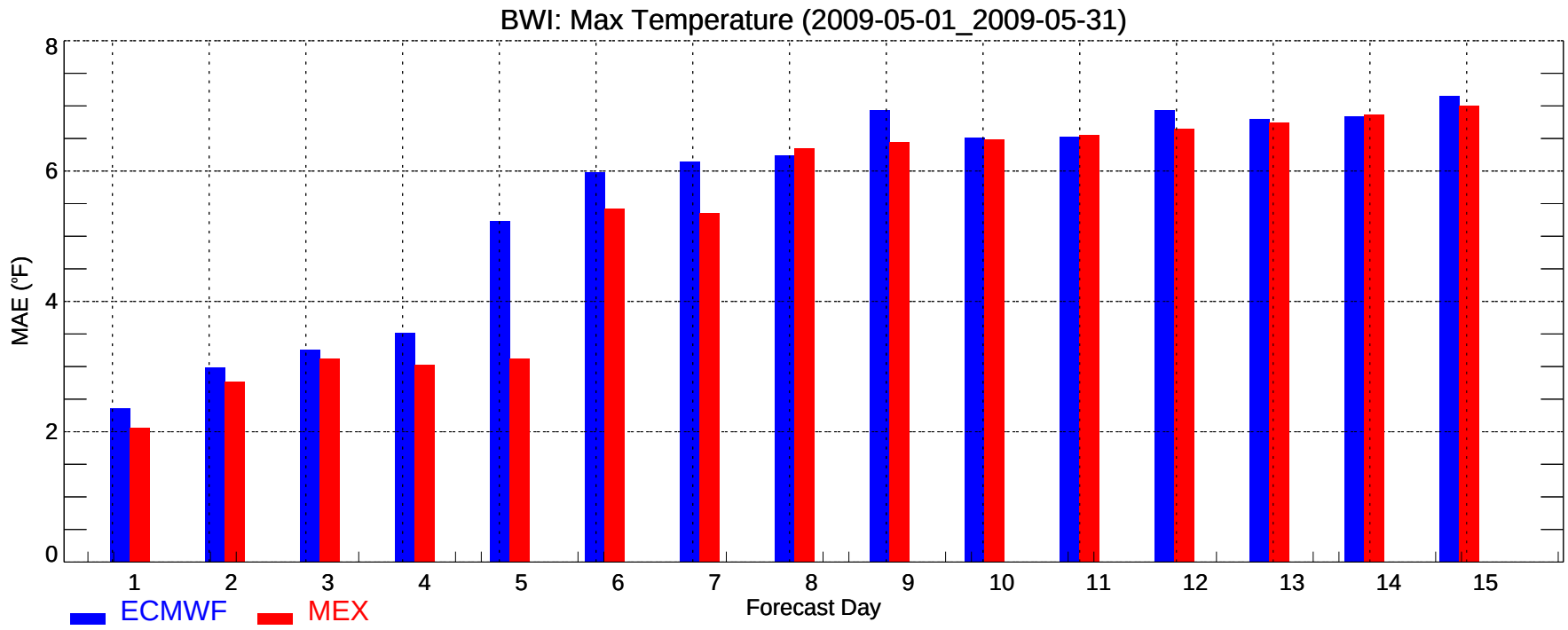
Forecast Day
ECMWF
MEX


BWI: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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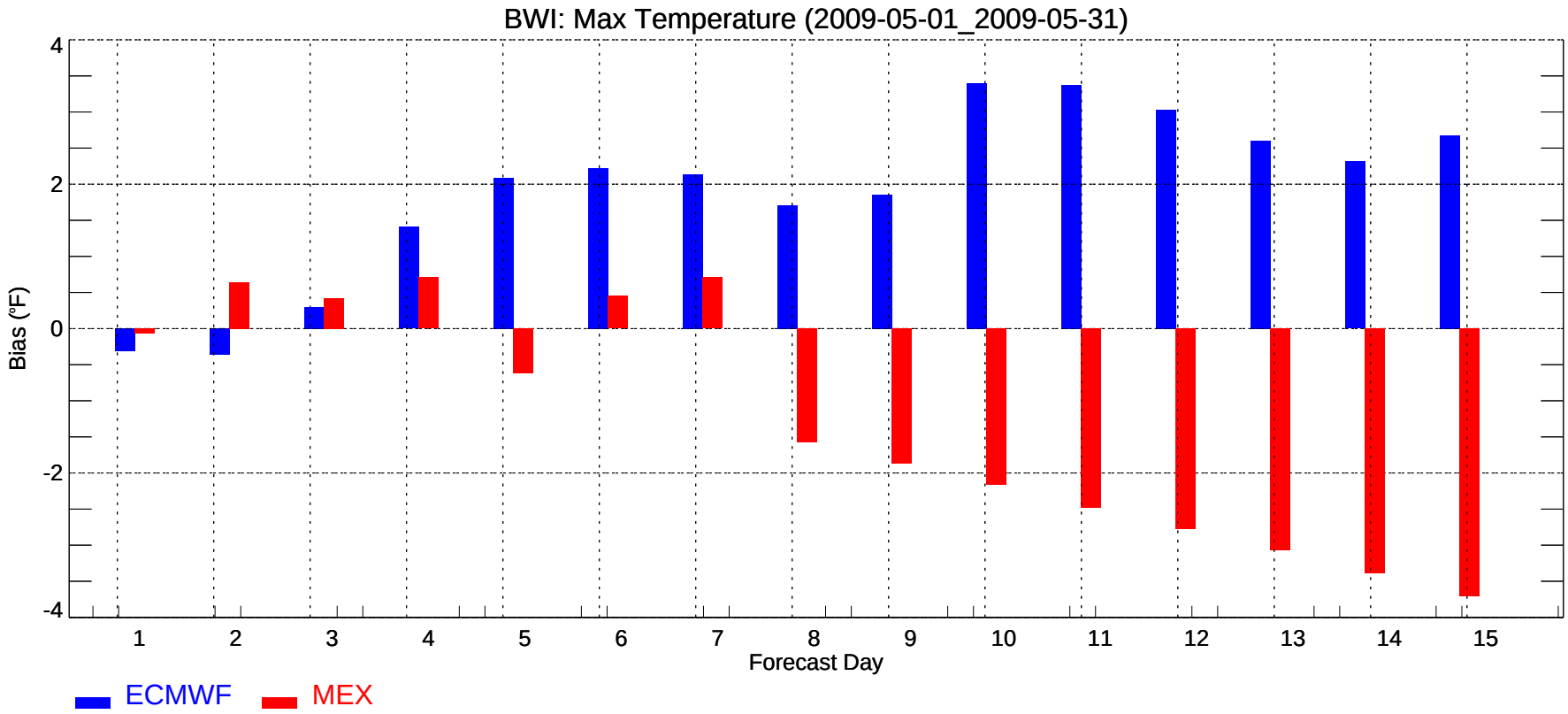
Forecast Day
ECMWF
MEX


BWI: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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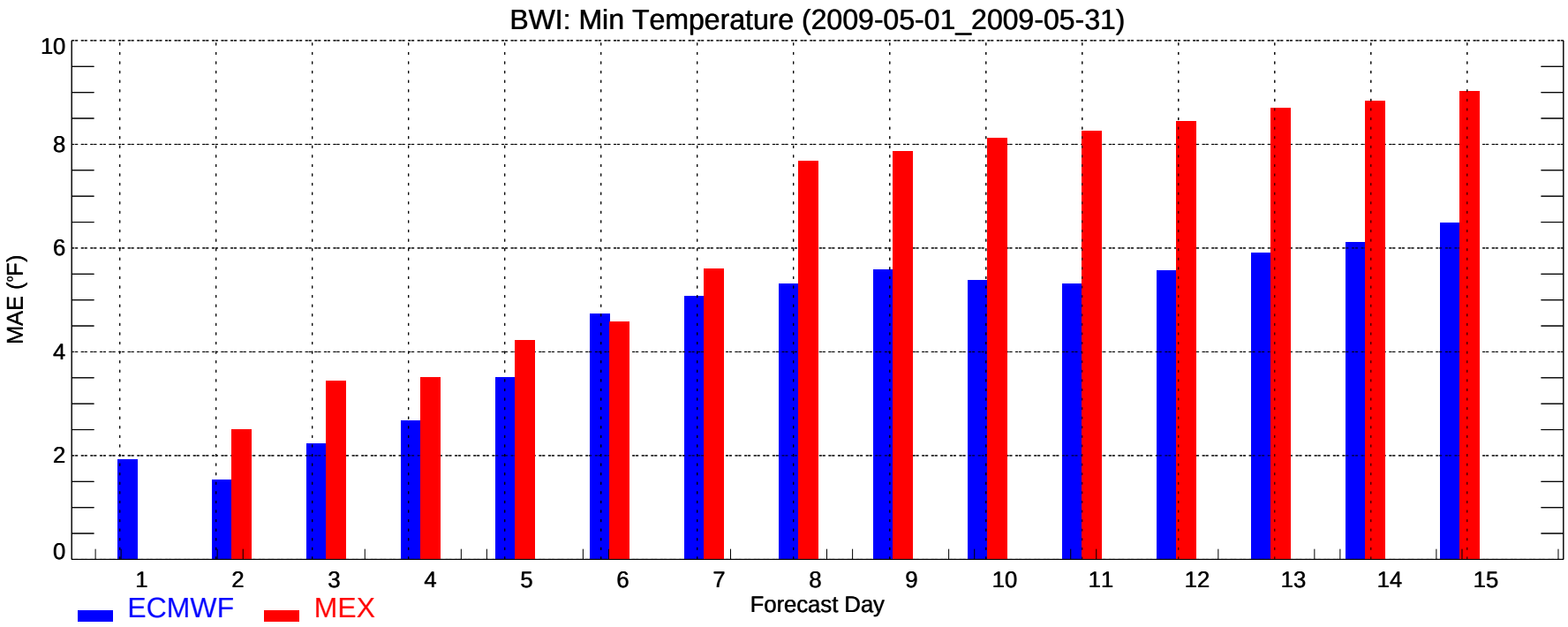
Forecast Day
ECMWF
MEX


BWI: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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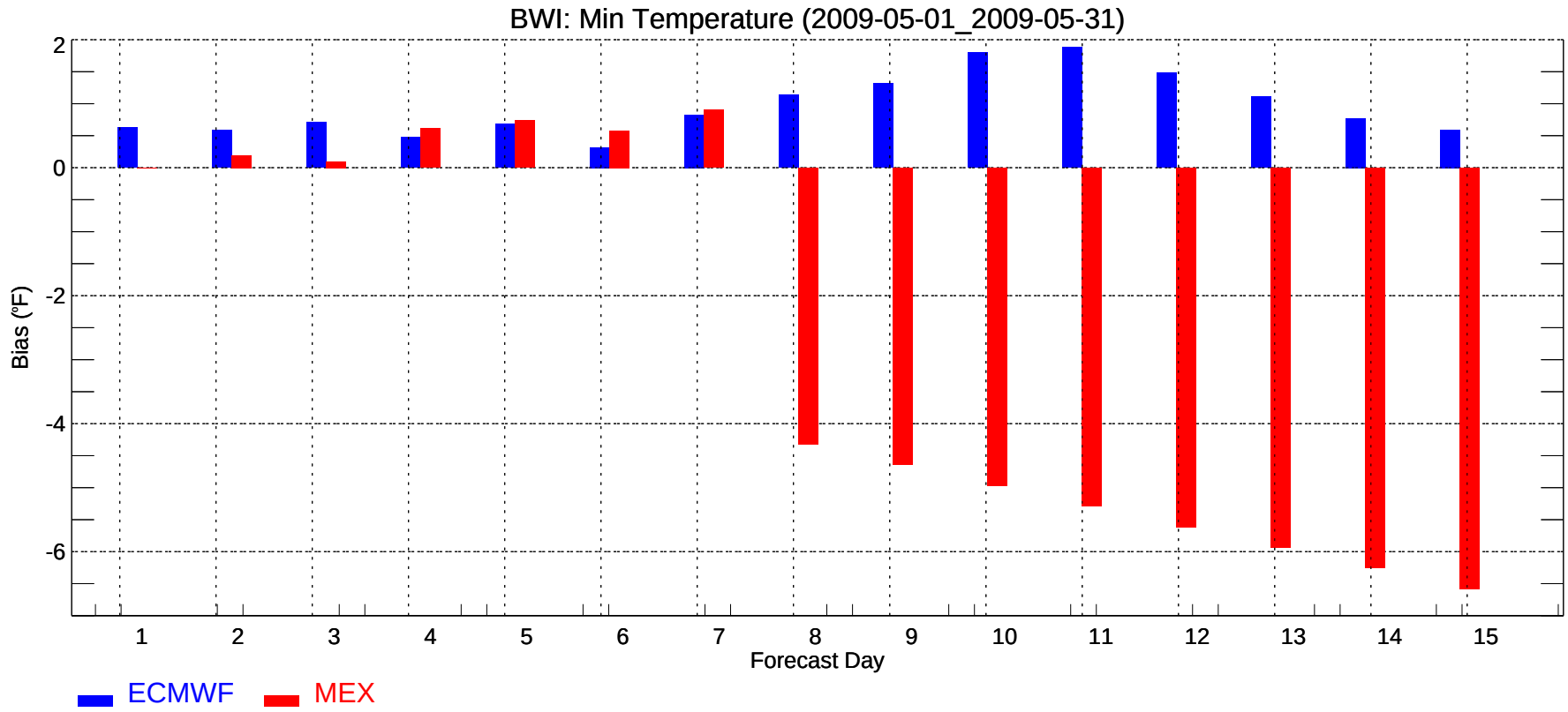
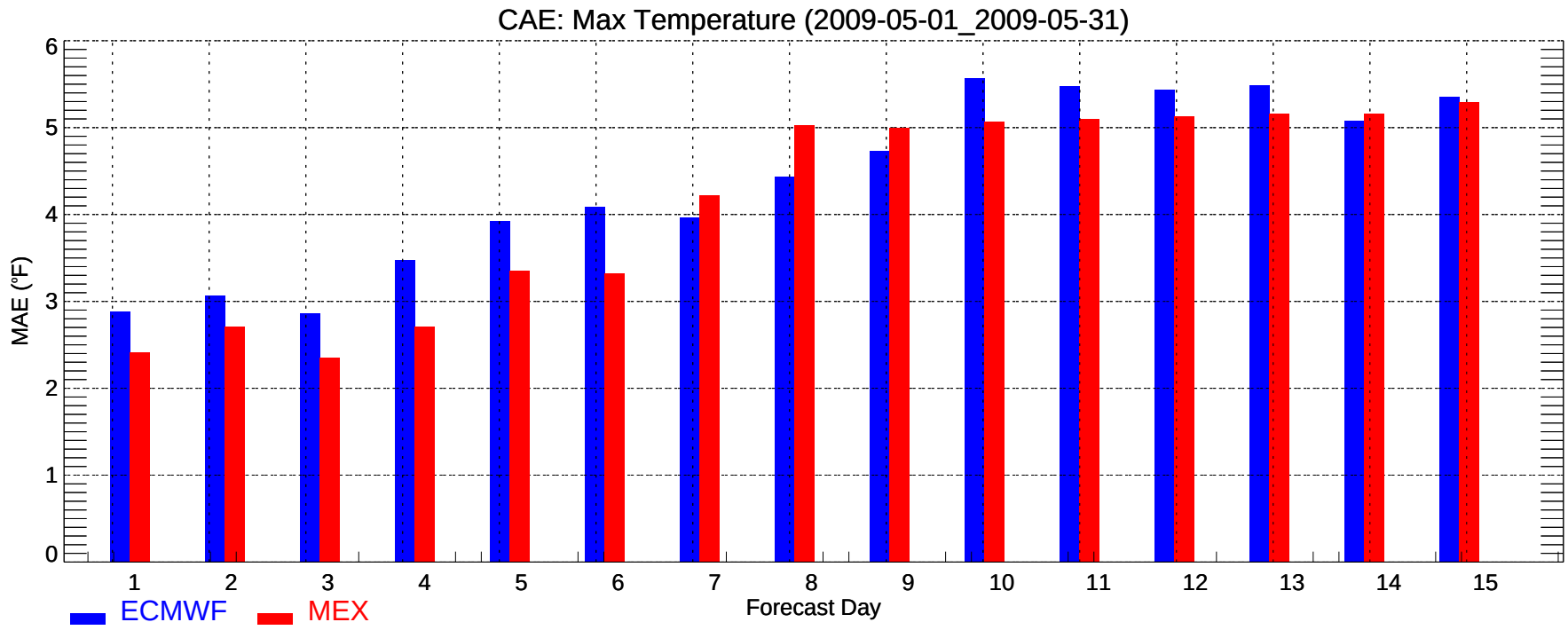
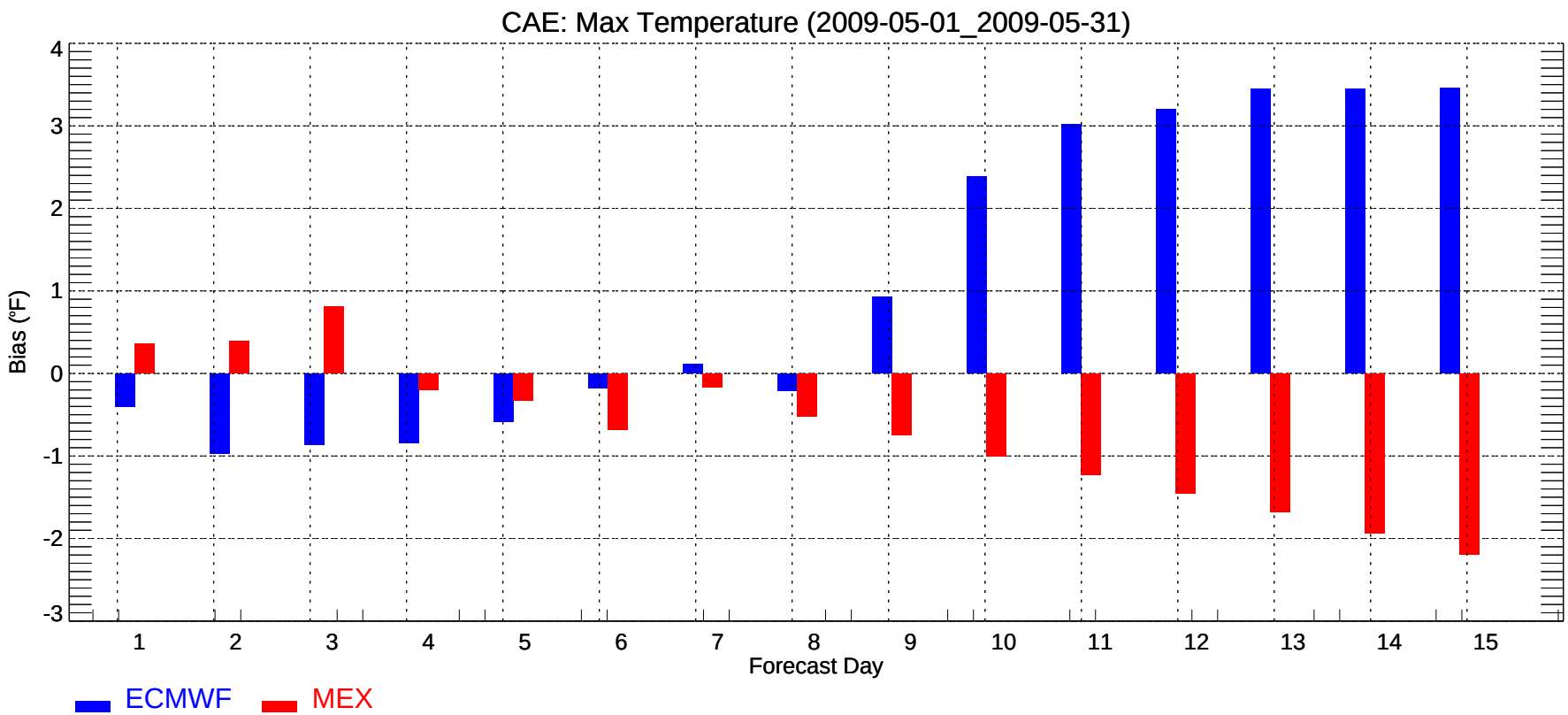
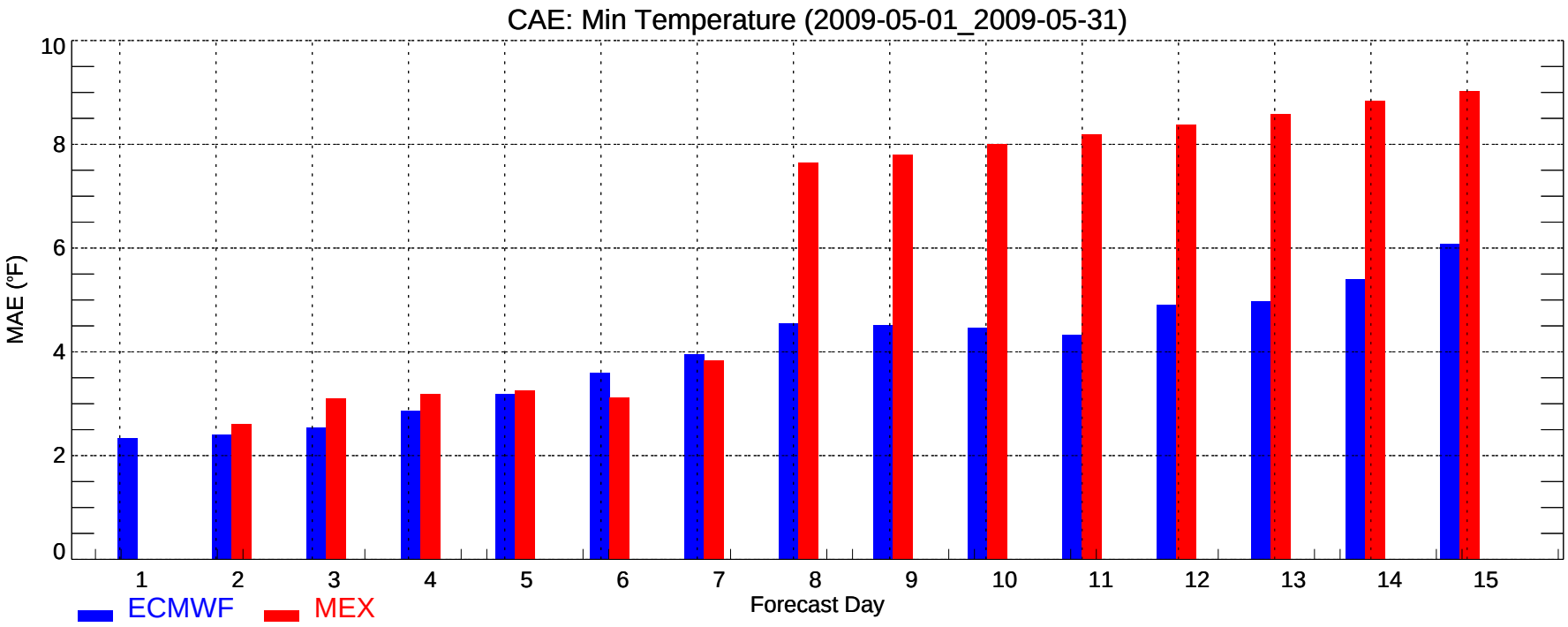
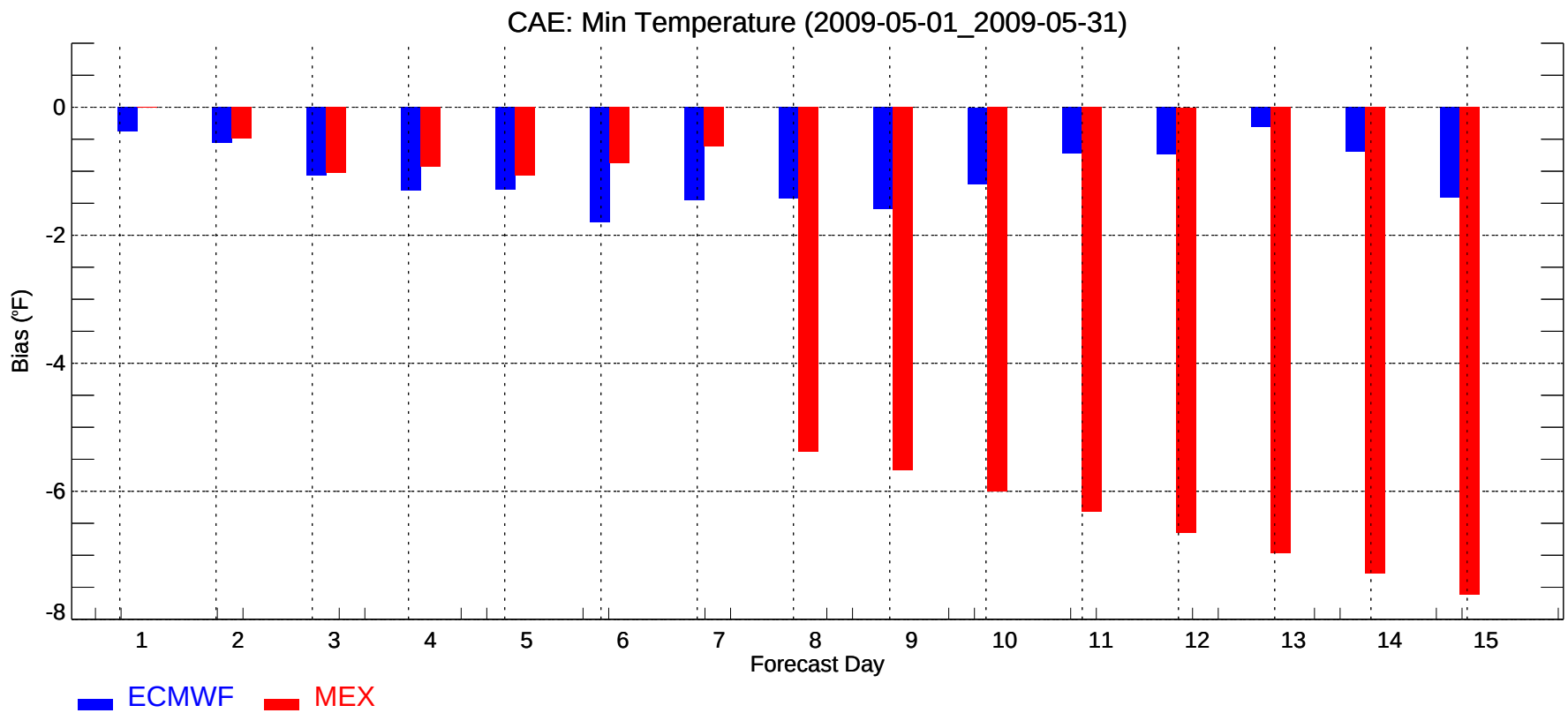
14
15
Forecast Day
ECMWF
MEX

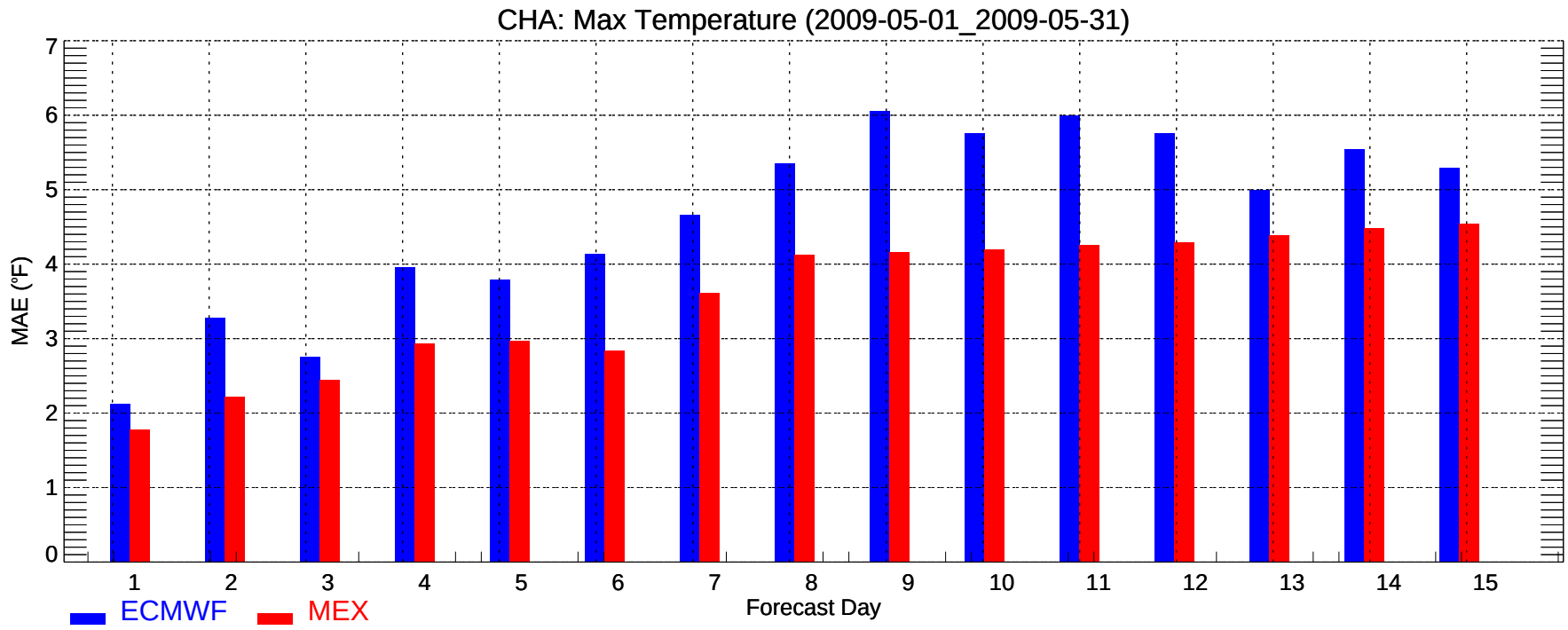

BWI: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

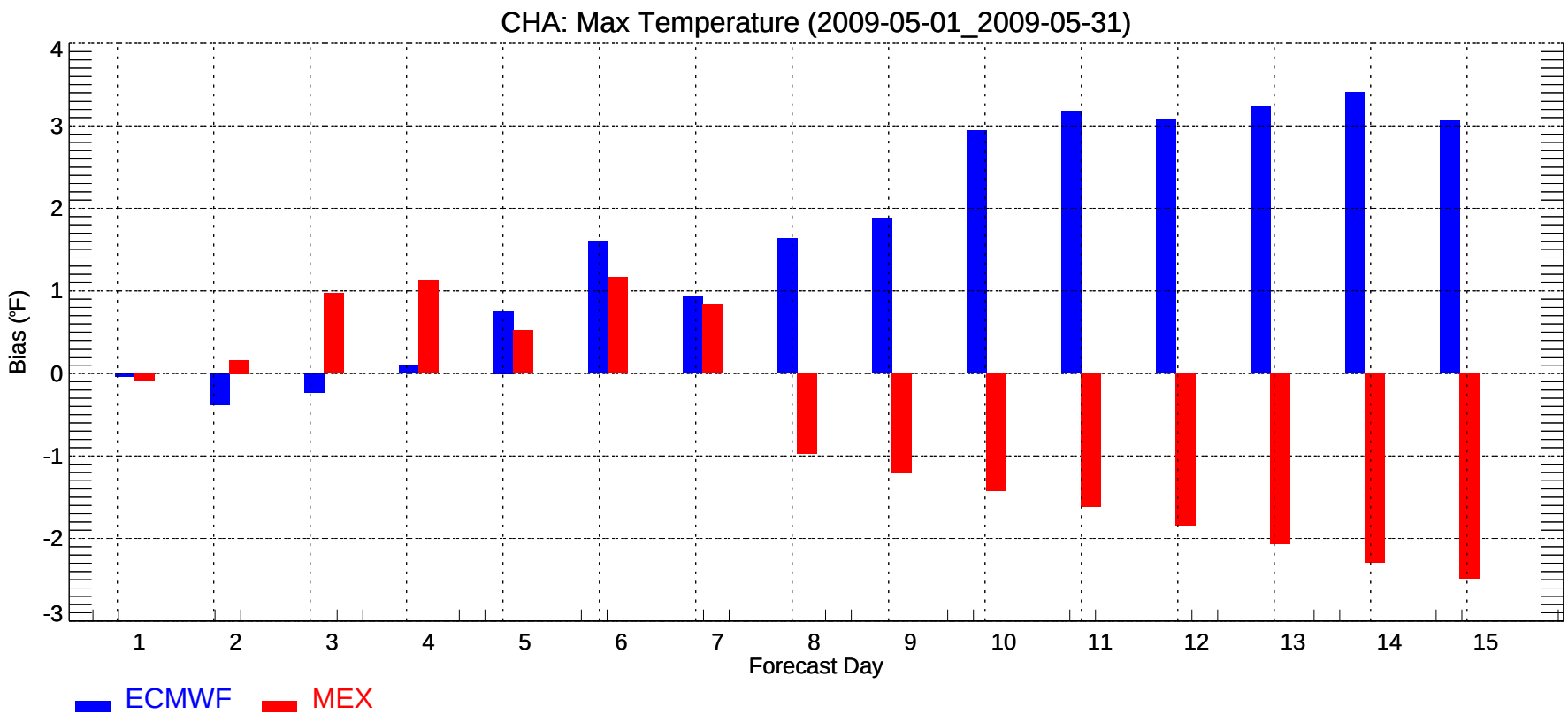

CAE: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

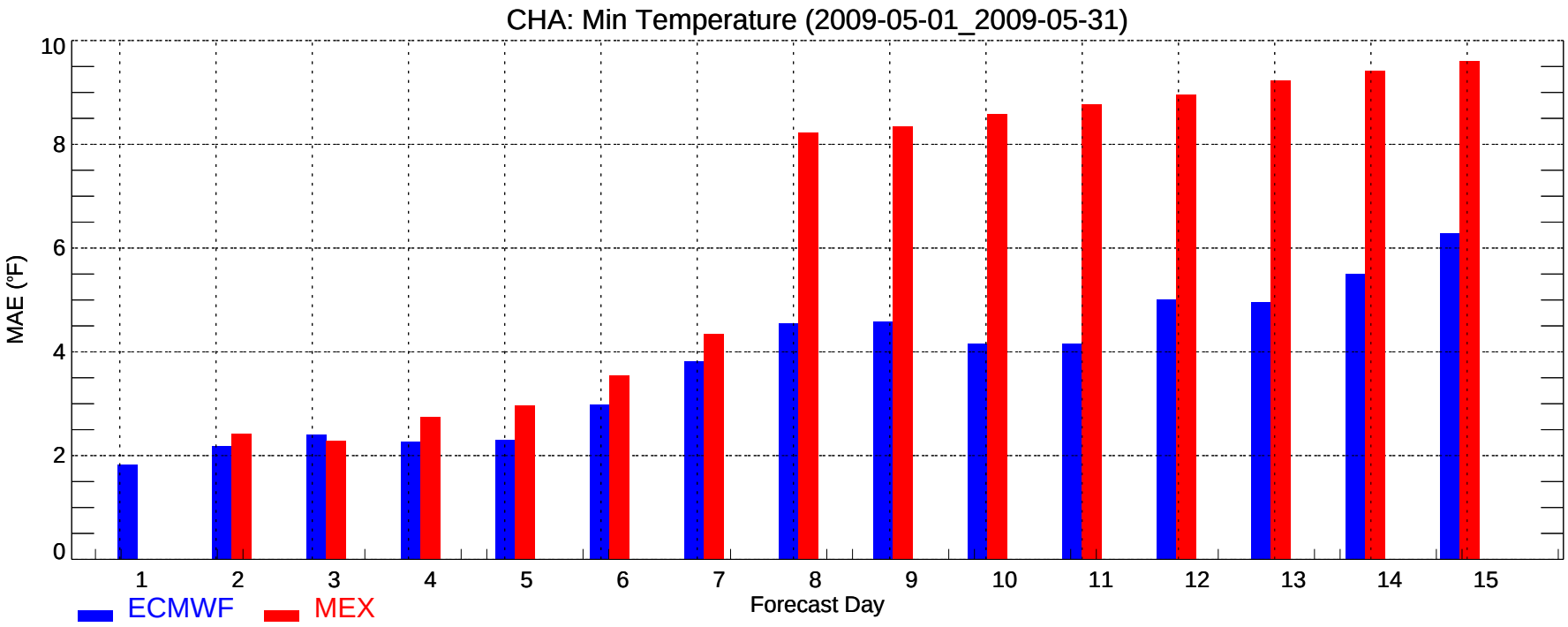

CAE: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

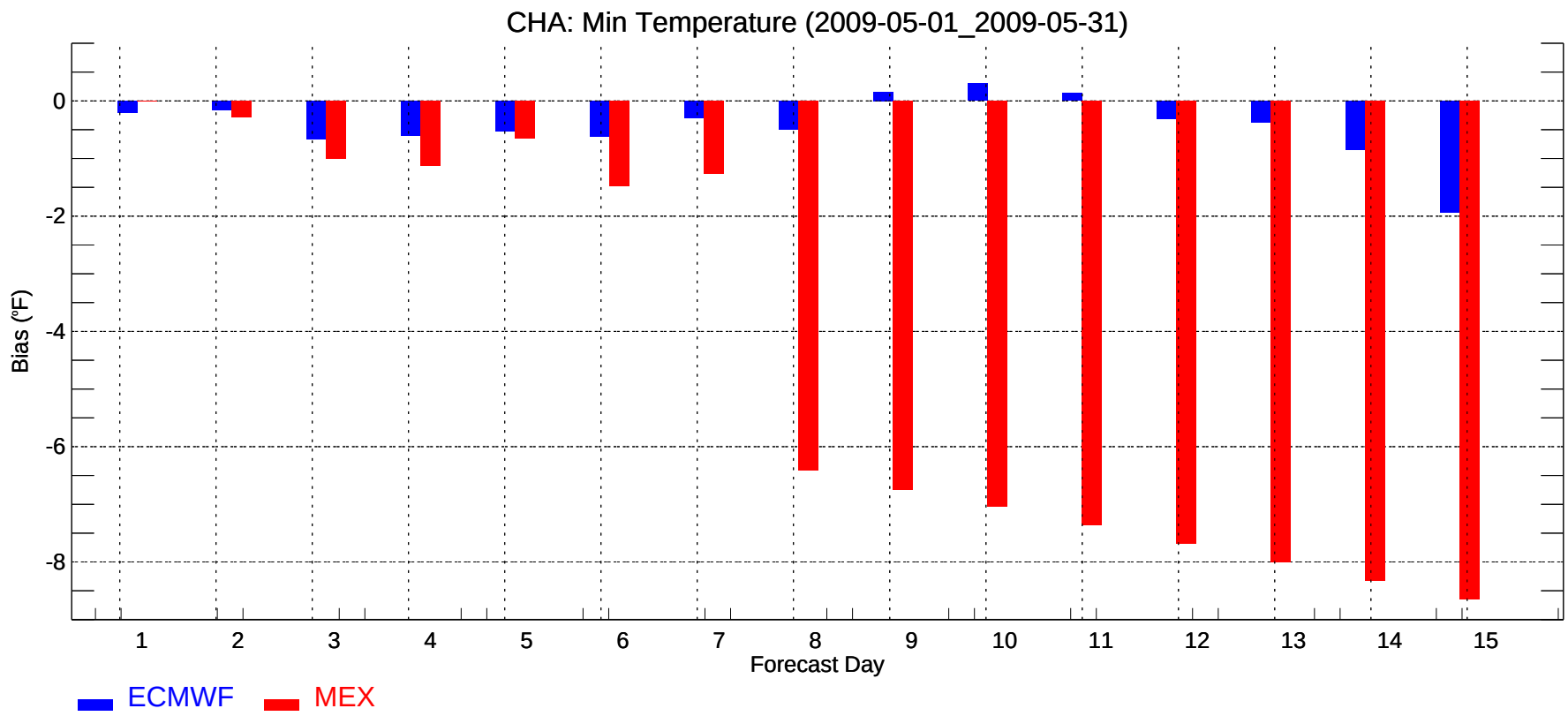

CAE: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
10
8
6
4
2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

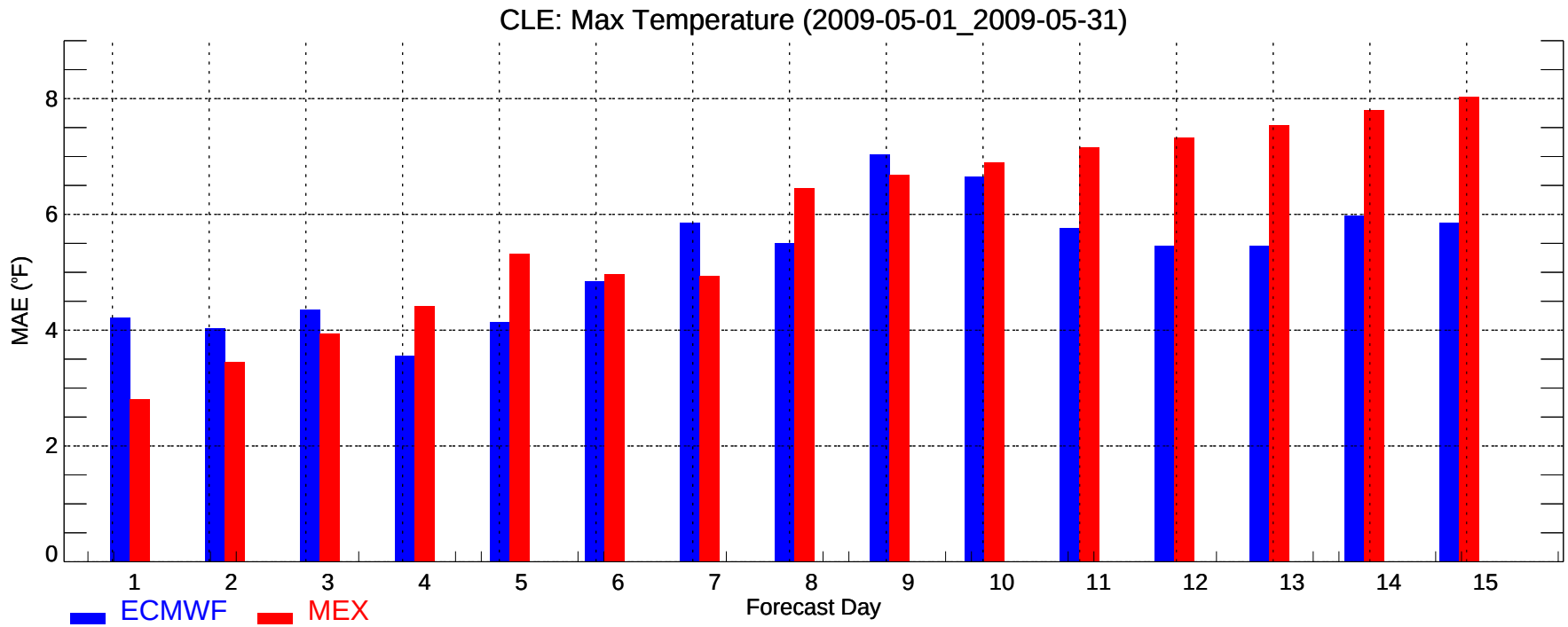

CAE: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

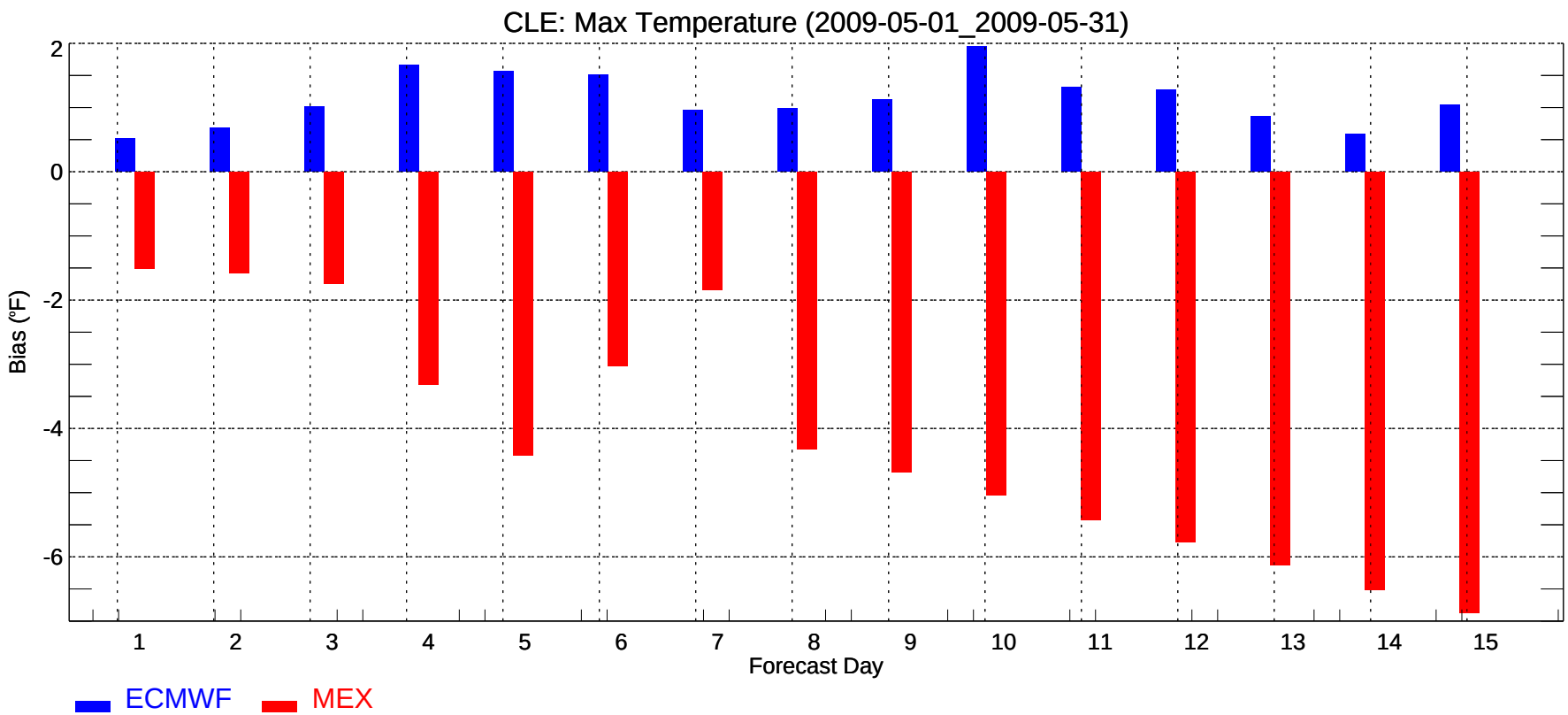

CHA: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

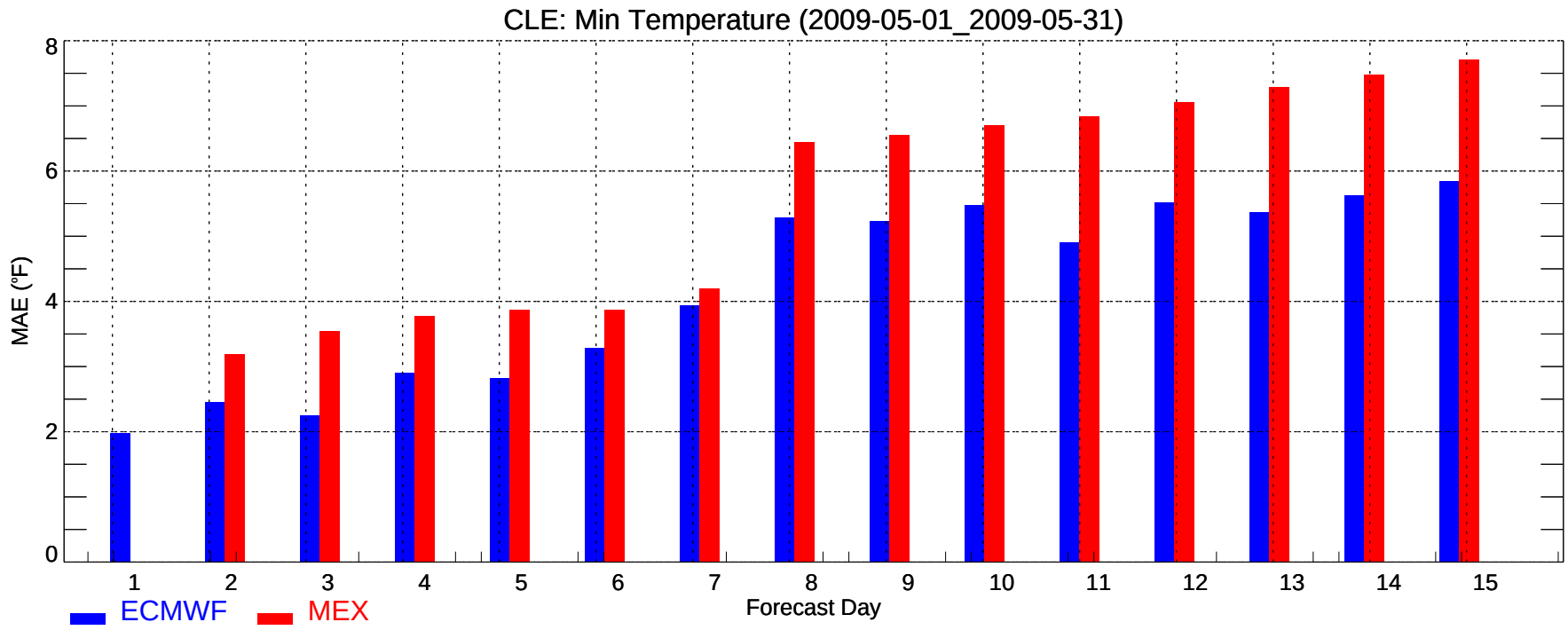

CHA: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

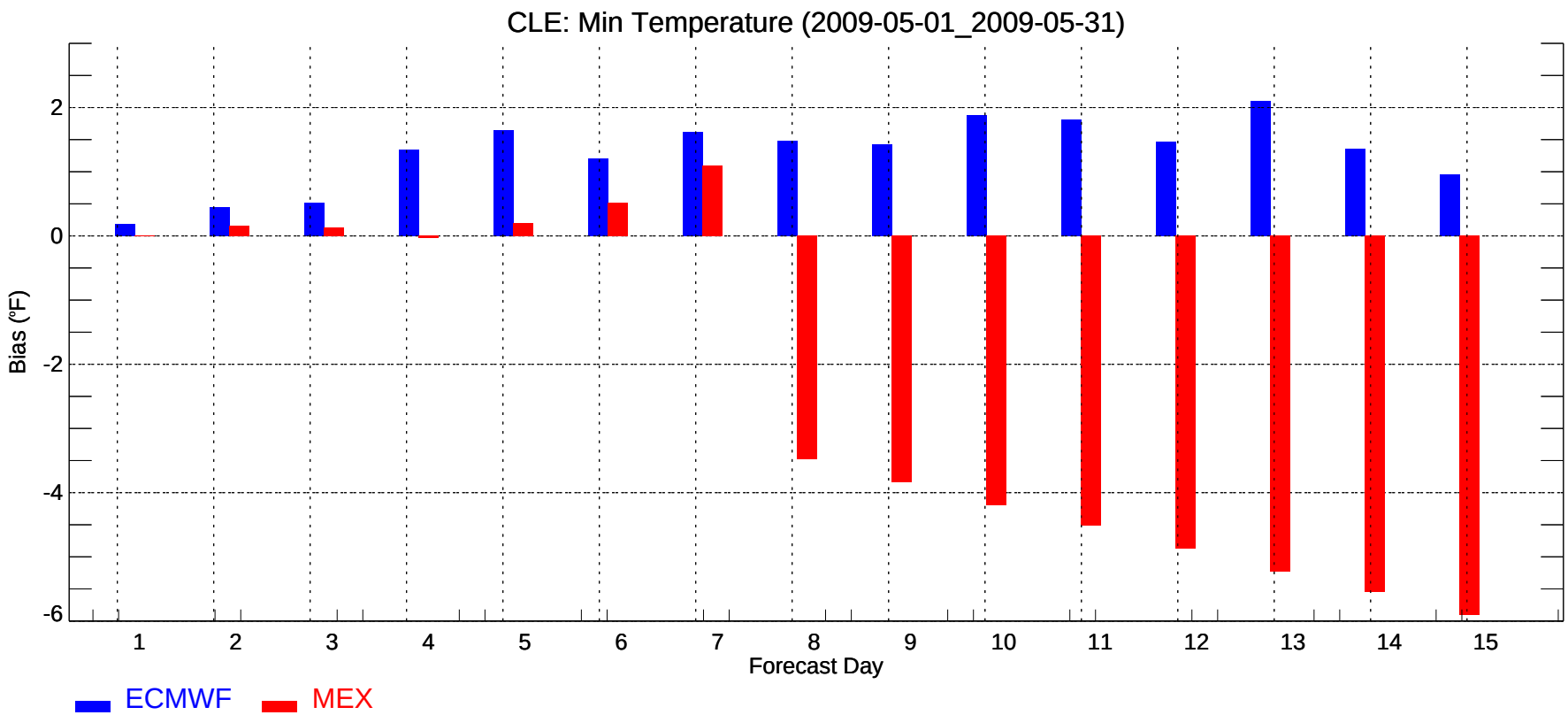

CHA: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

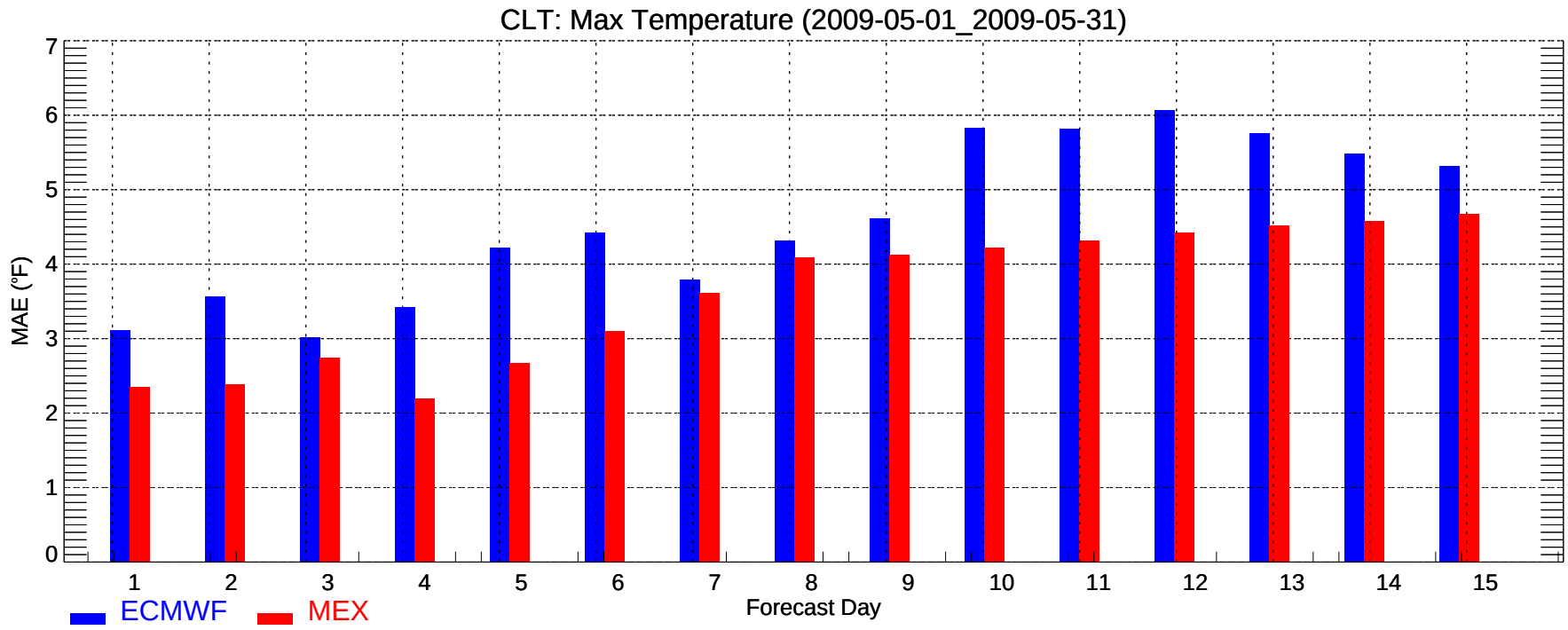

CHA: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

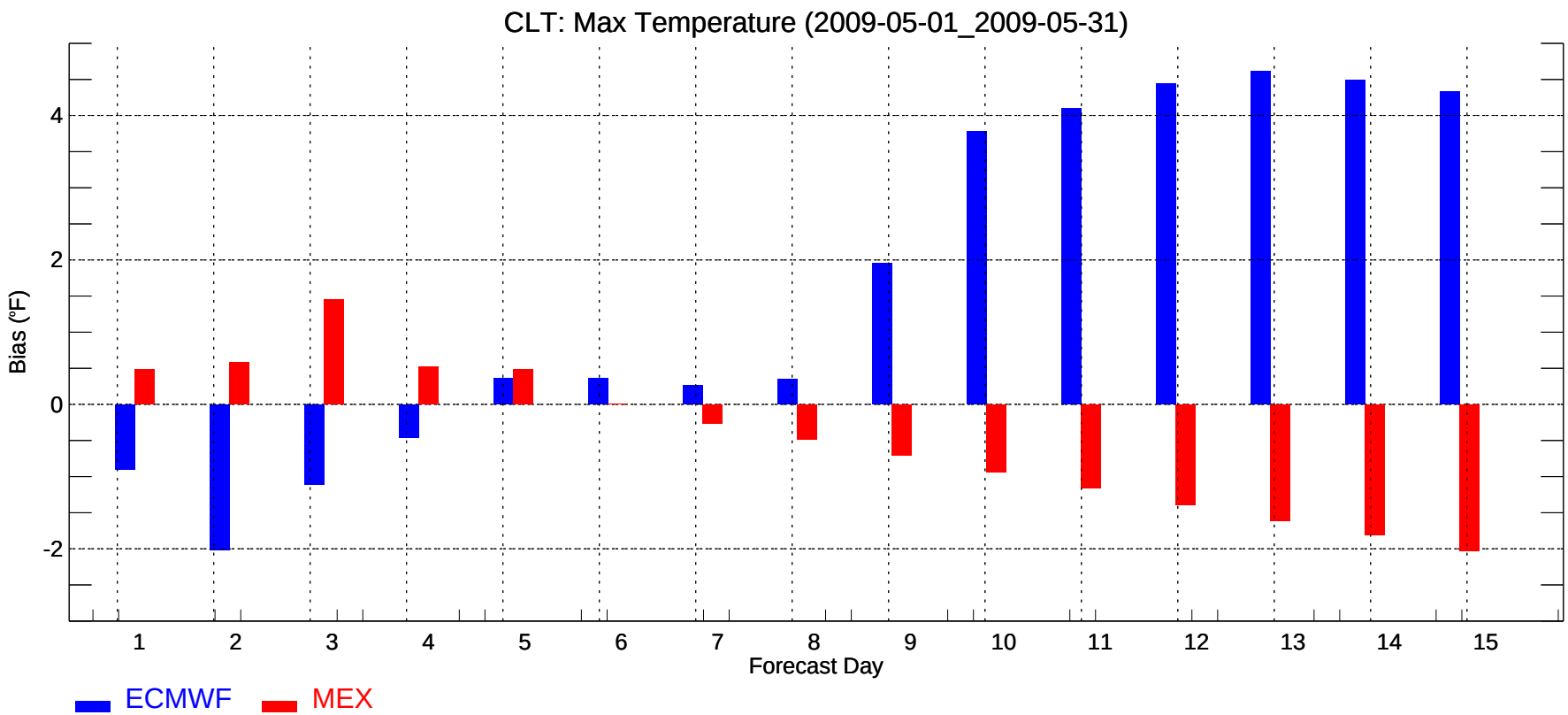

CLE: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

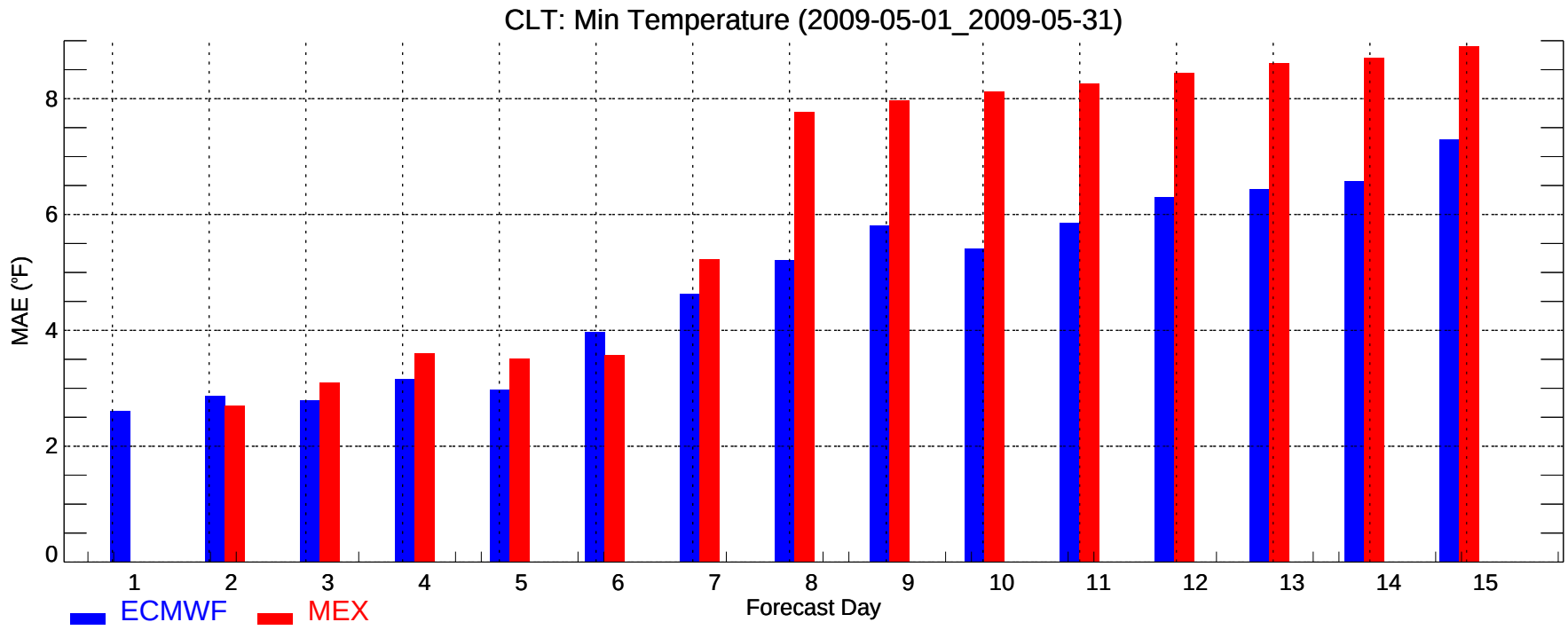

CLE: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

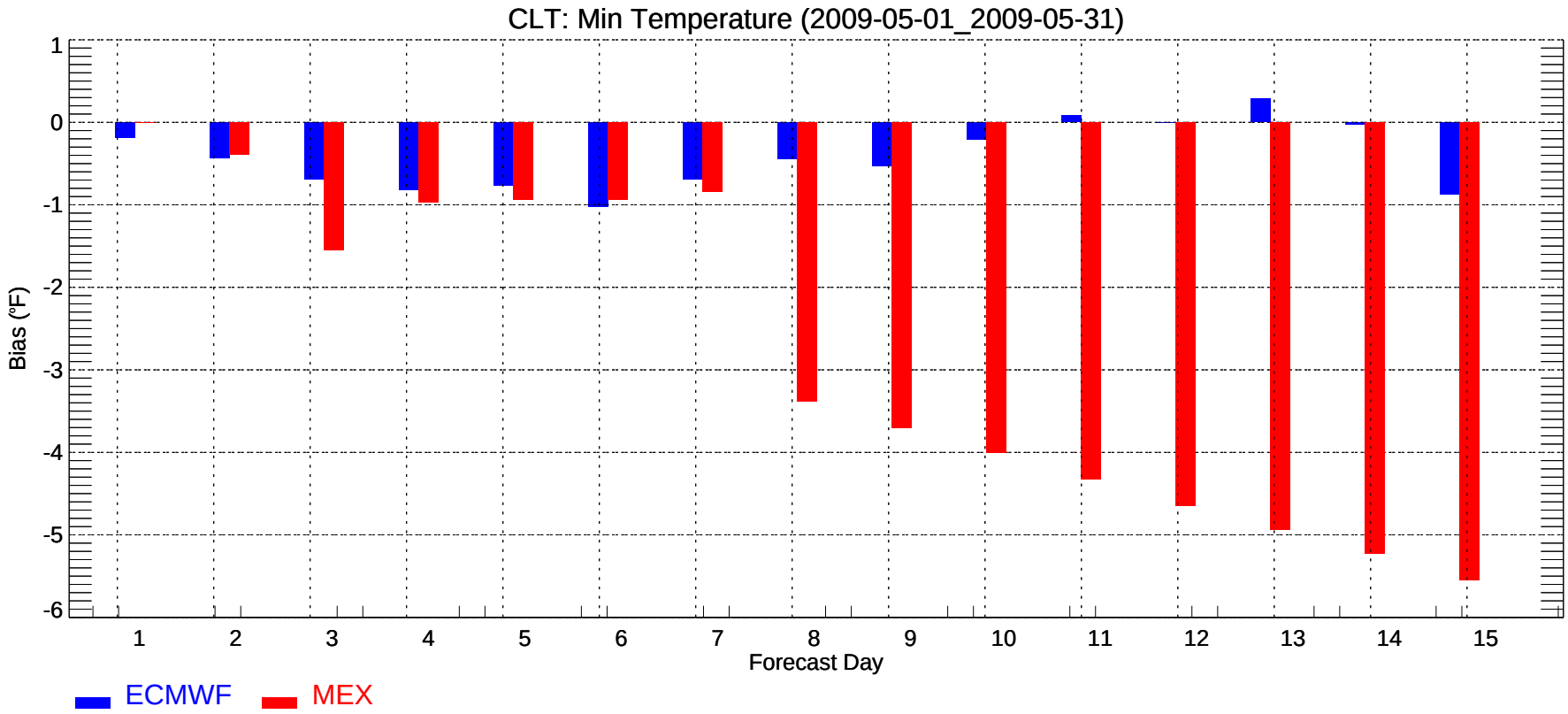

CLE: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

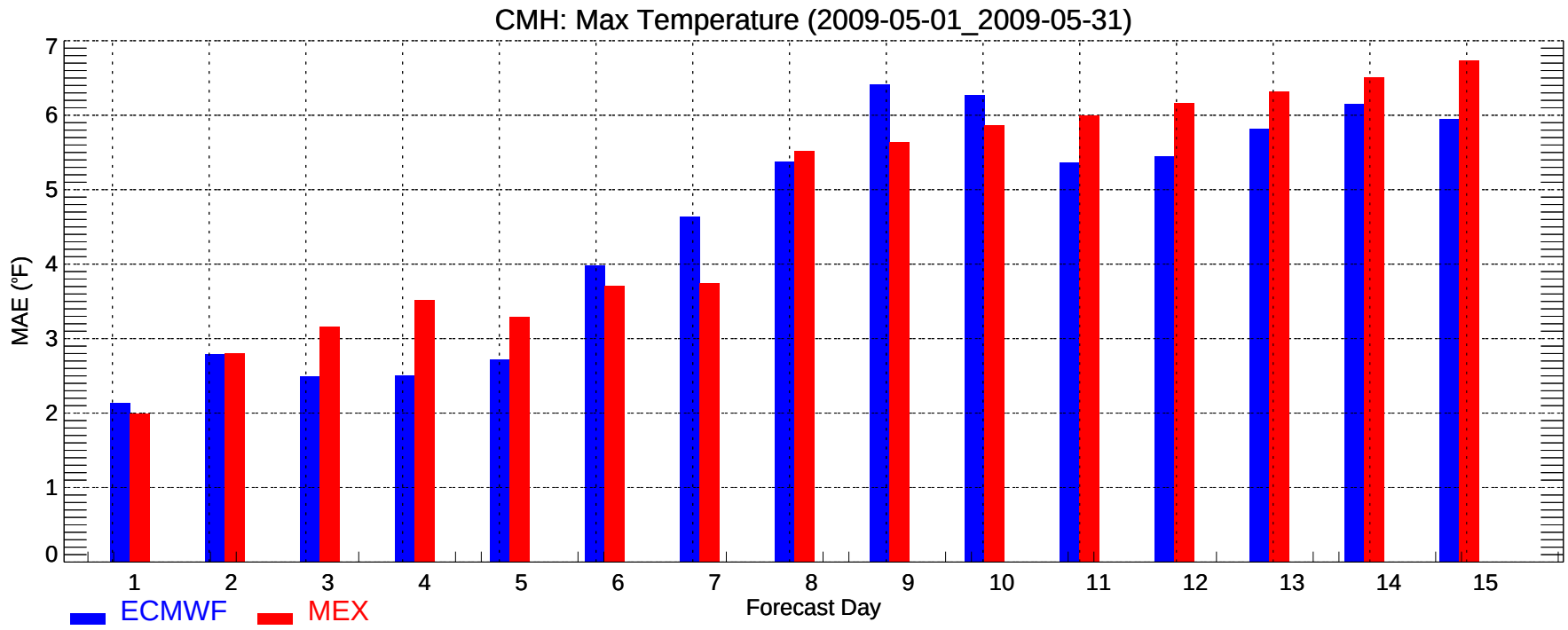

CLE: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

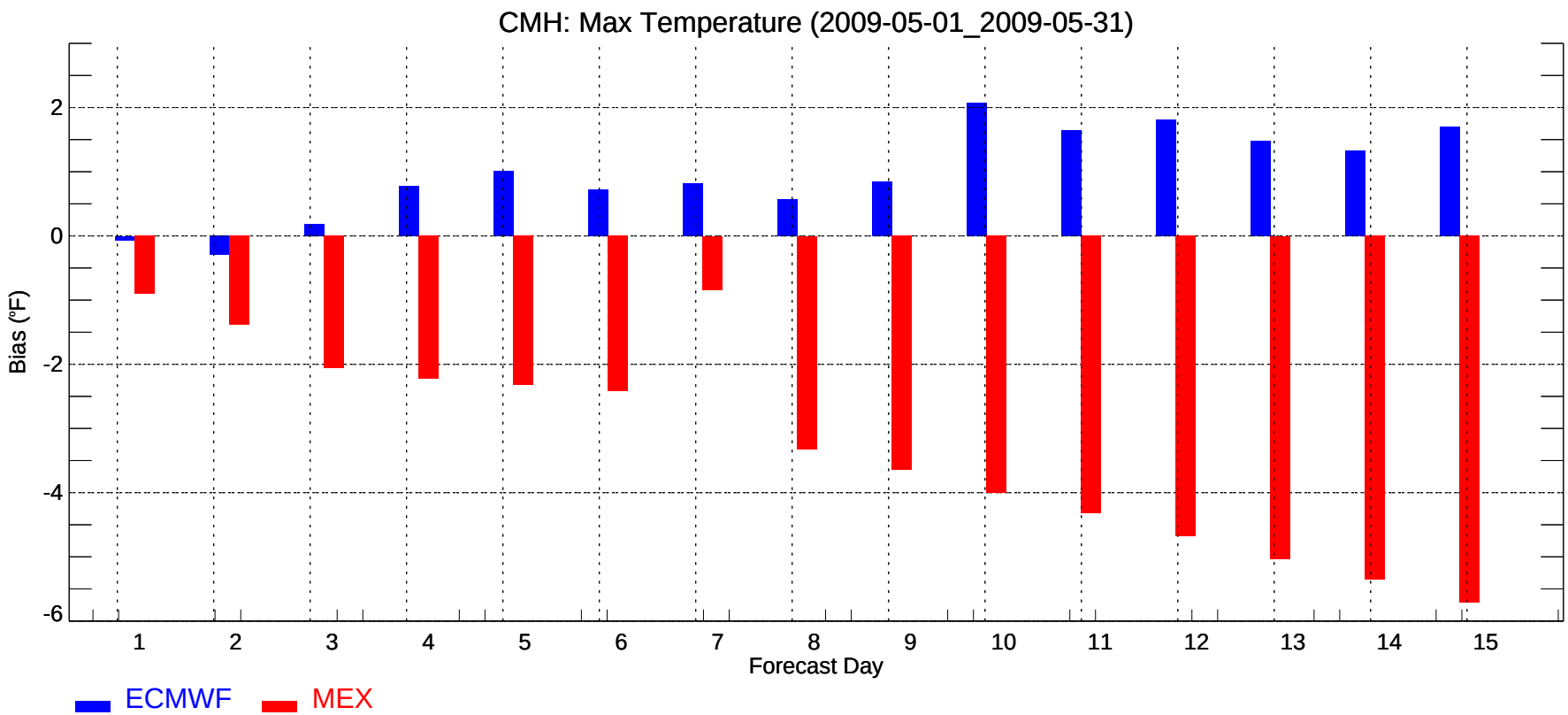

CLT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

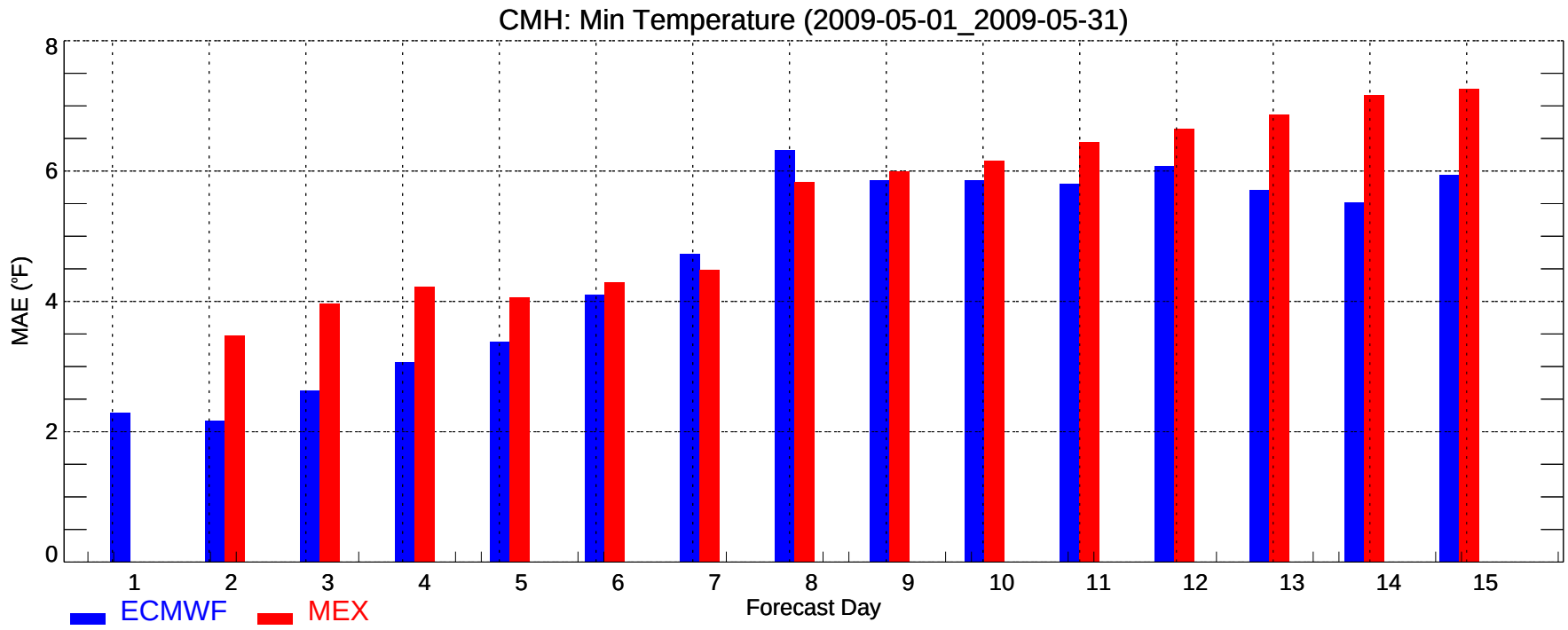

CLT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

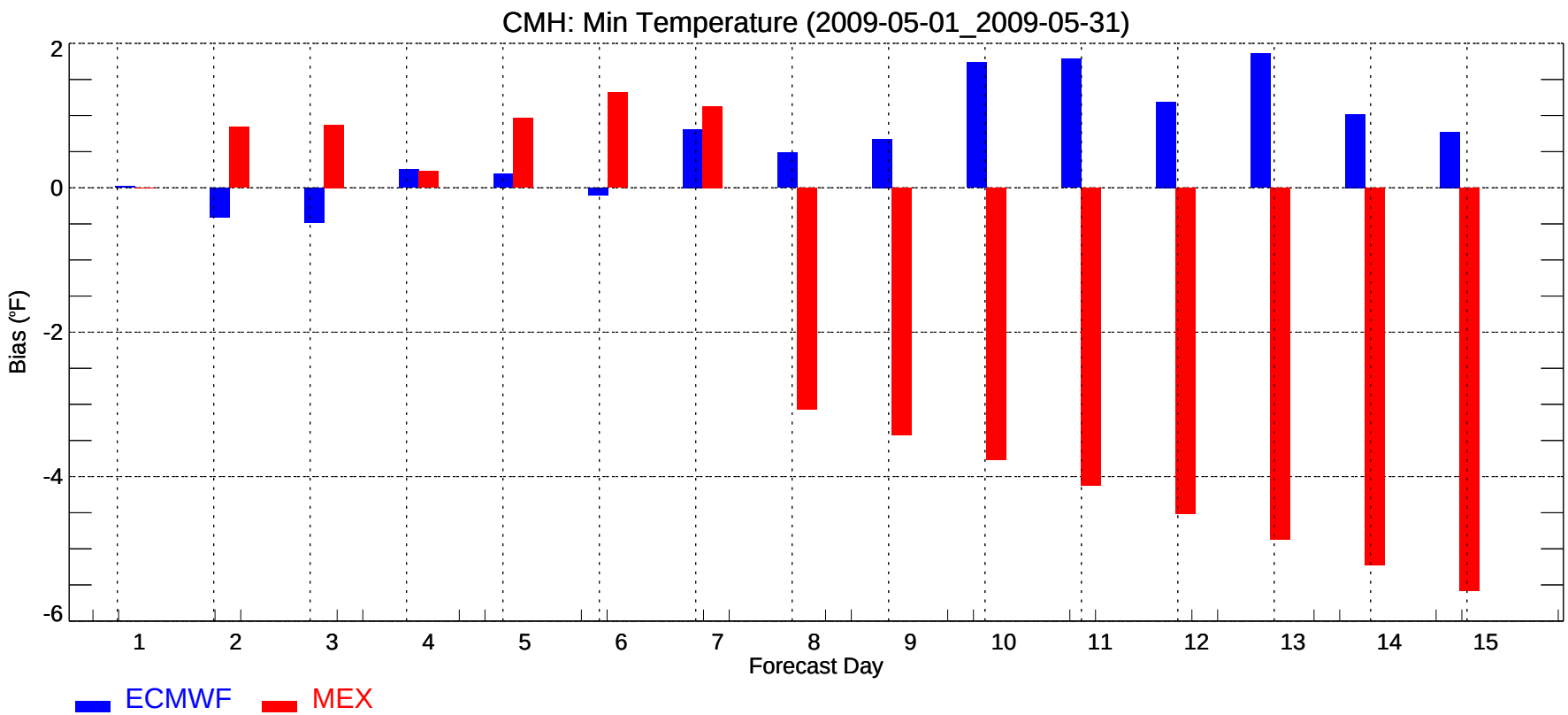

CLT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CLT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CMH: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CMH: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CMH: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CMH: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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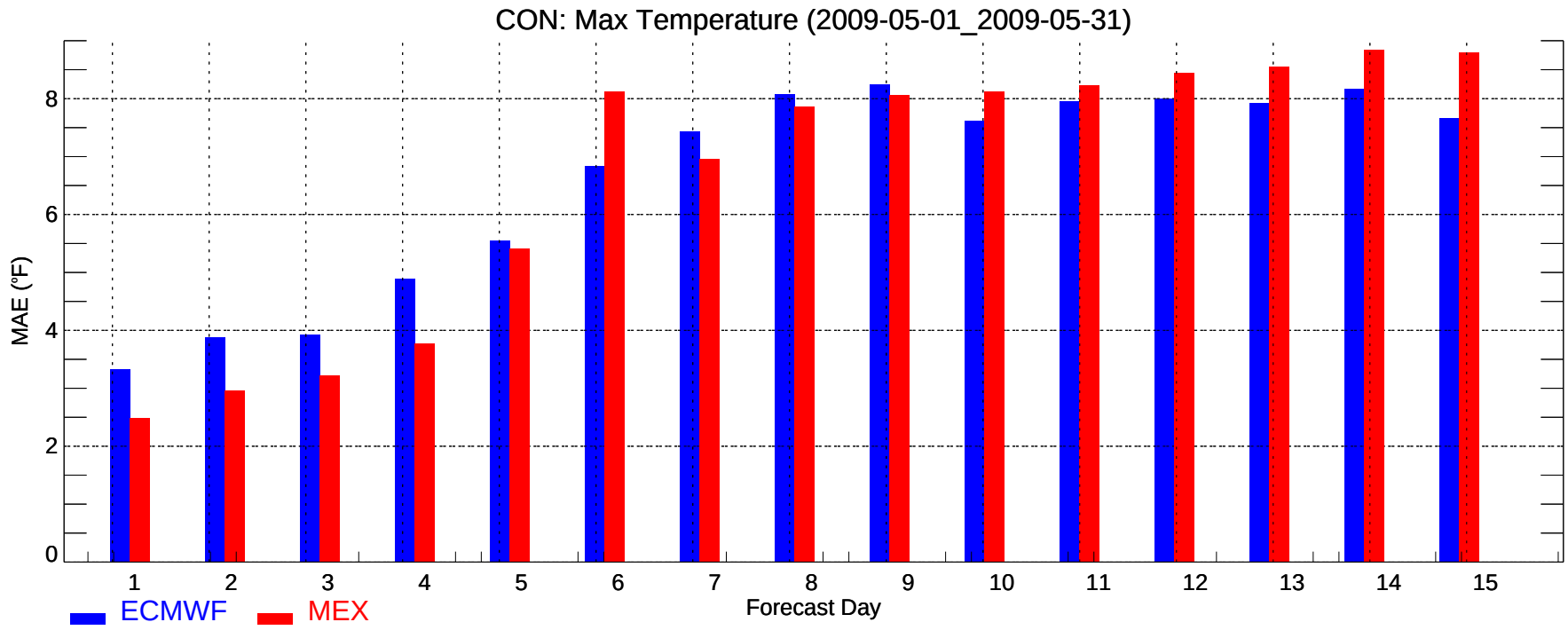
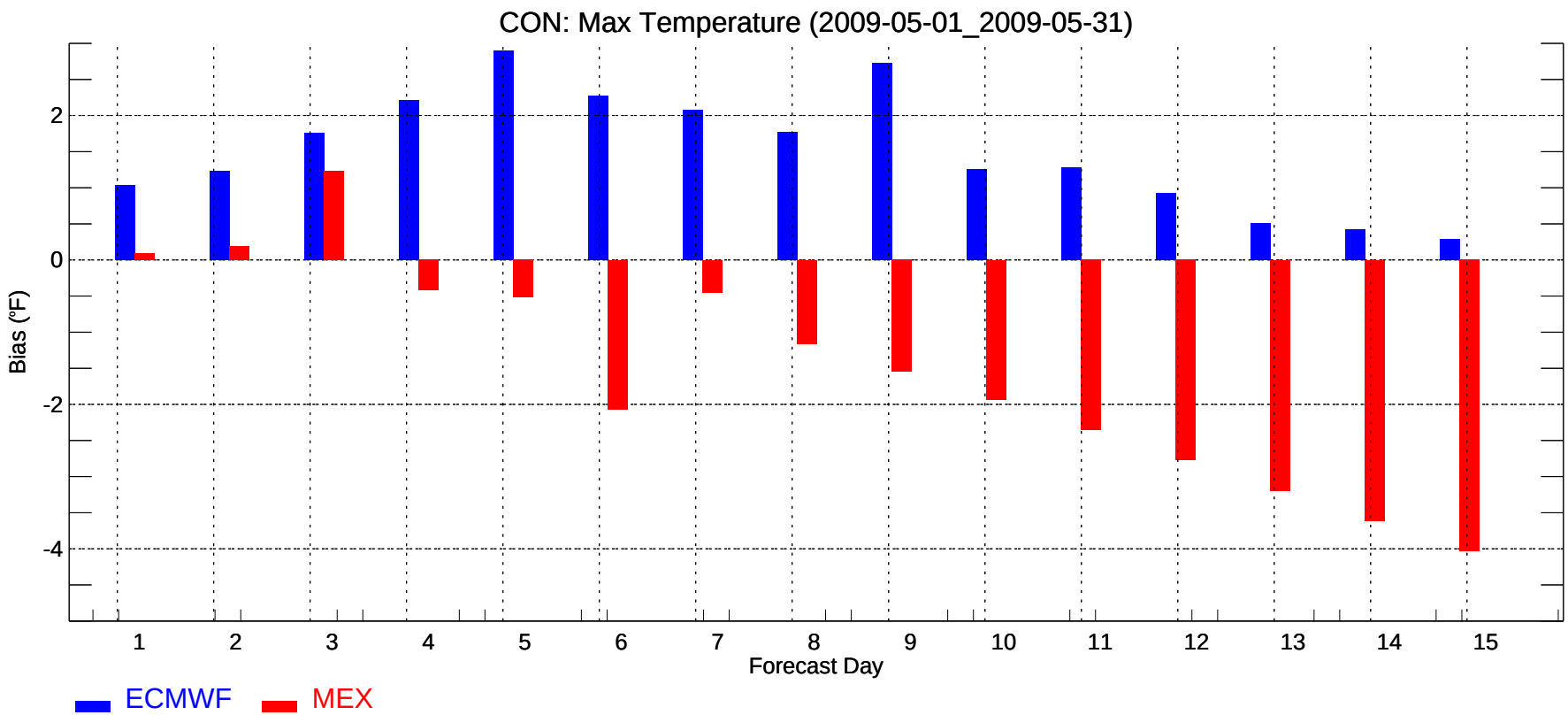
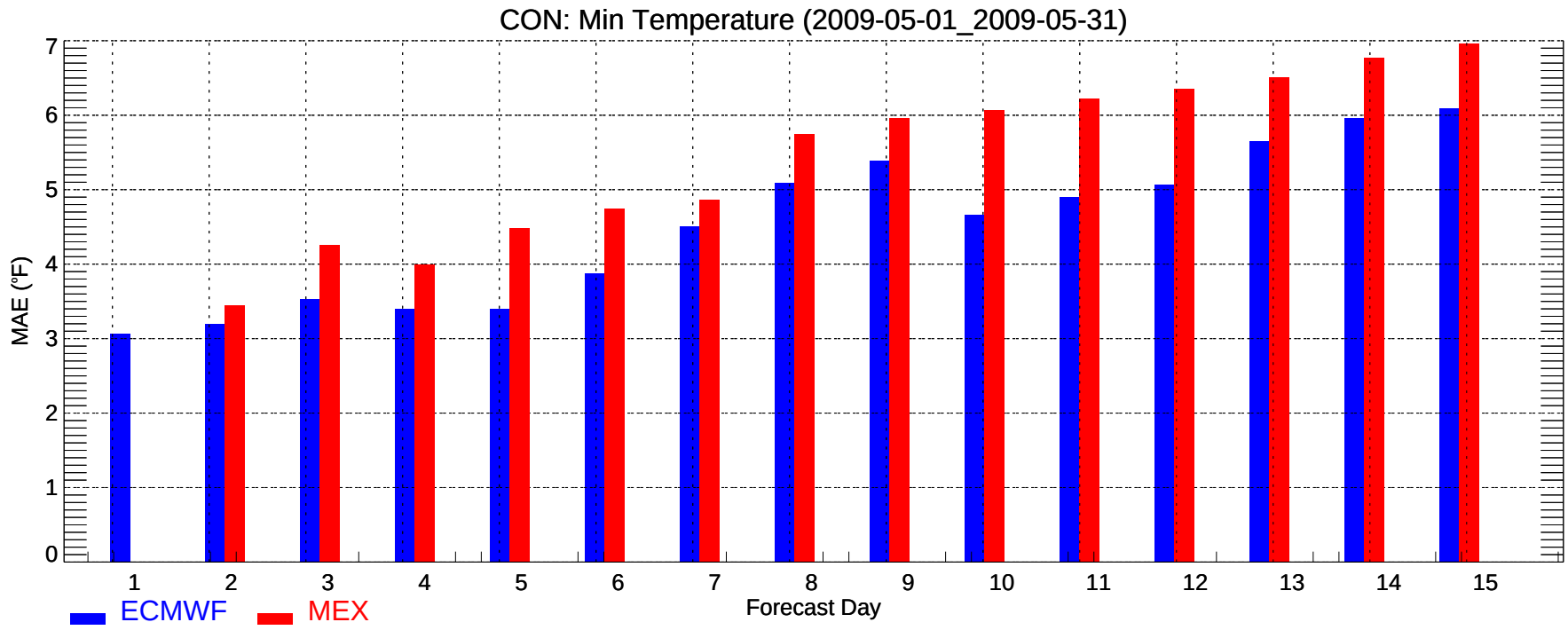
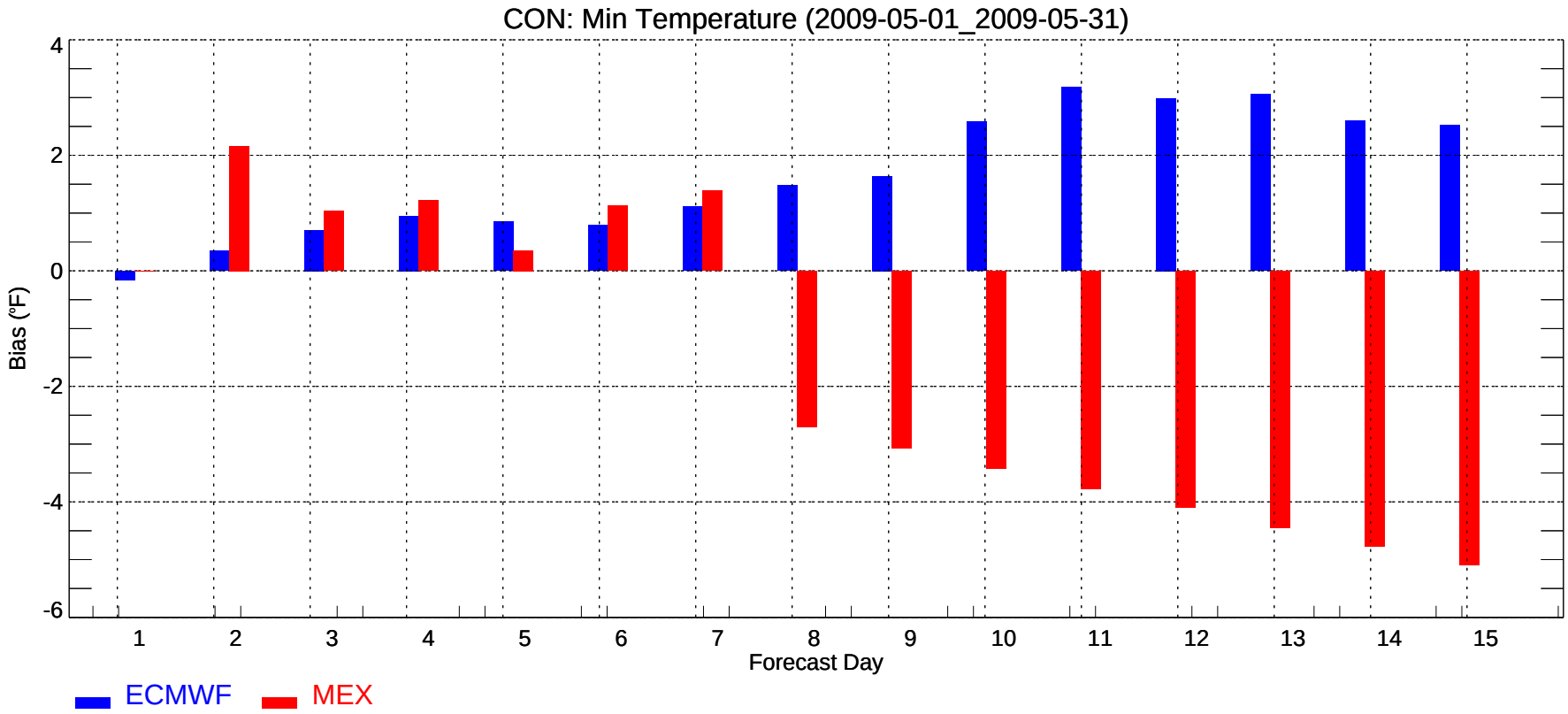
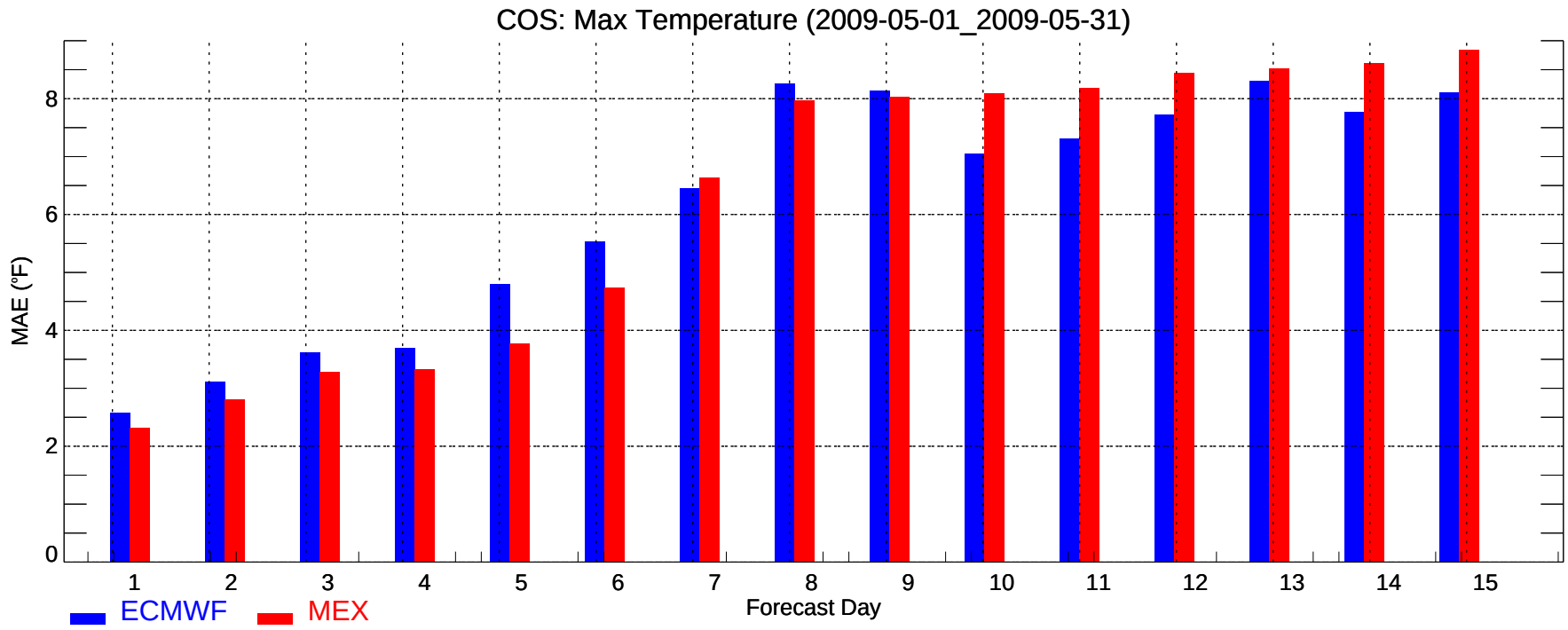
11
12
13
14
15
Forecast Day
ECMWF
MEX

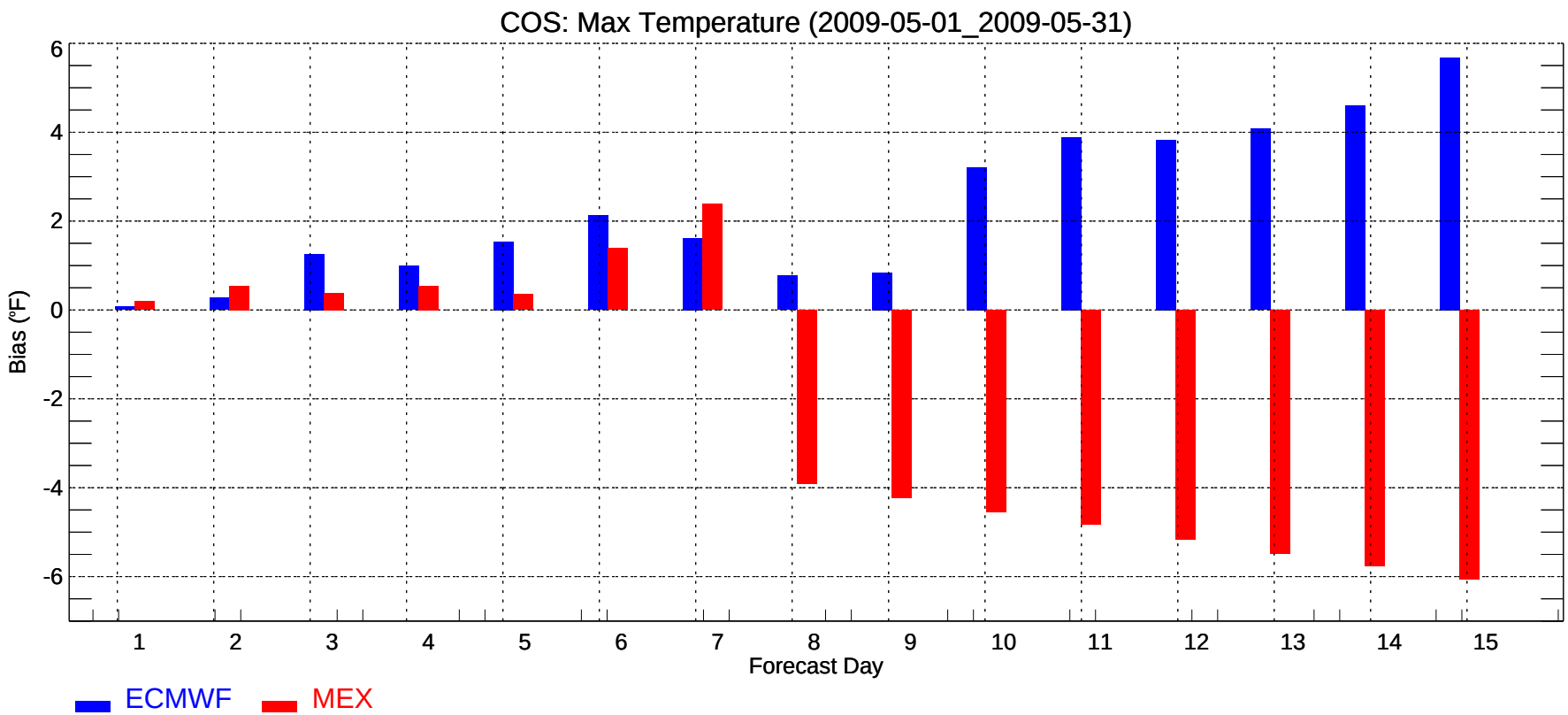

CON: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

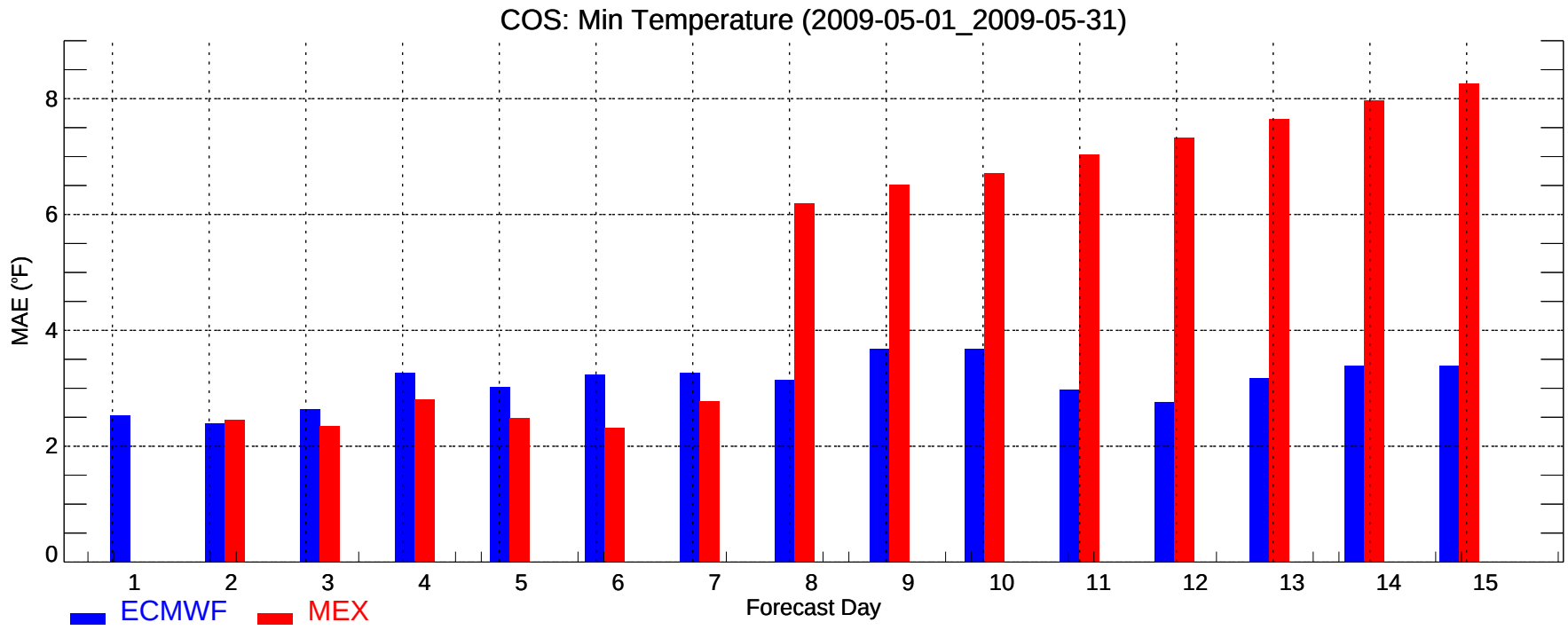

CON: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

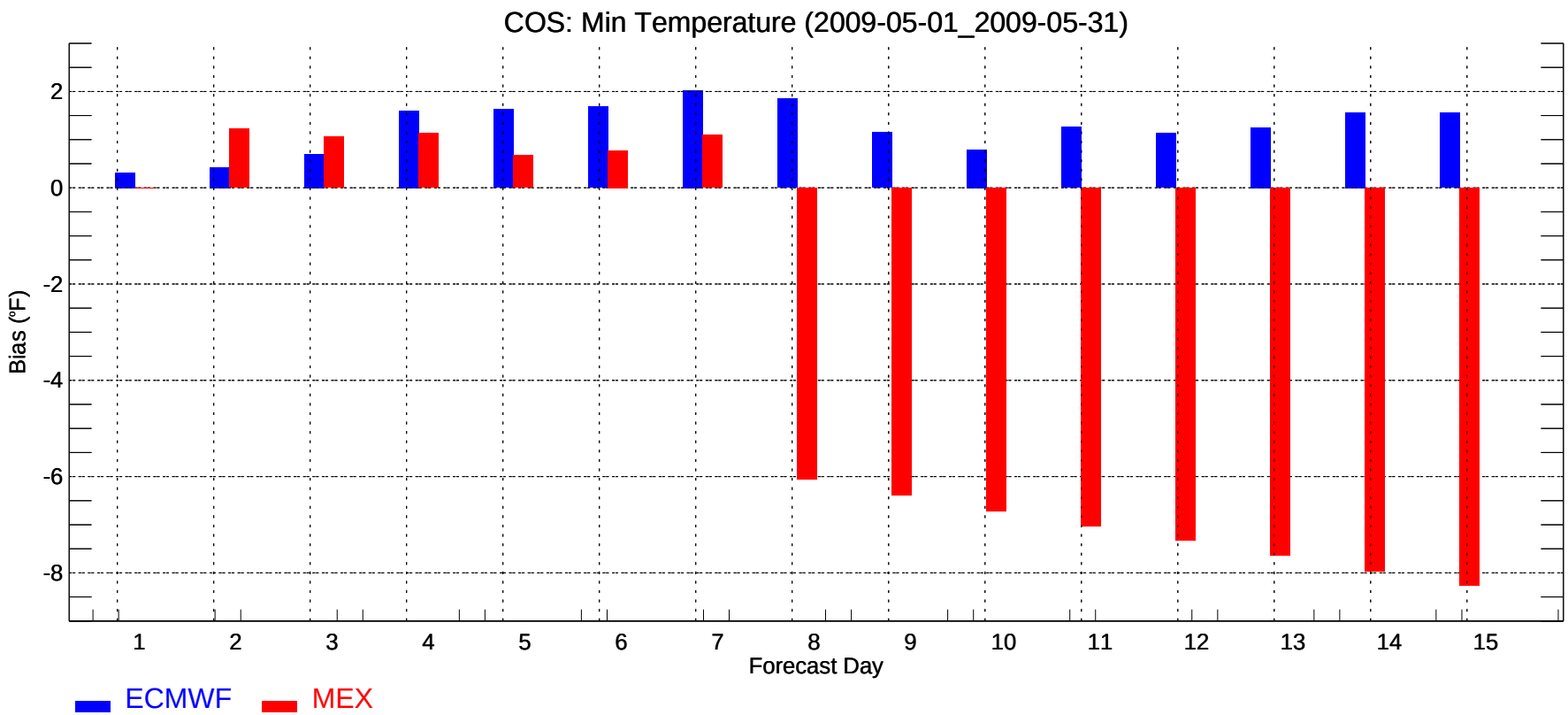

CON: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CON: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COS: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COS: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
6
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COS: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COS: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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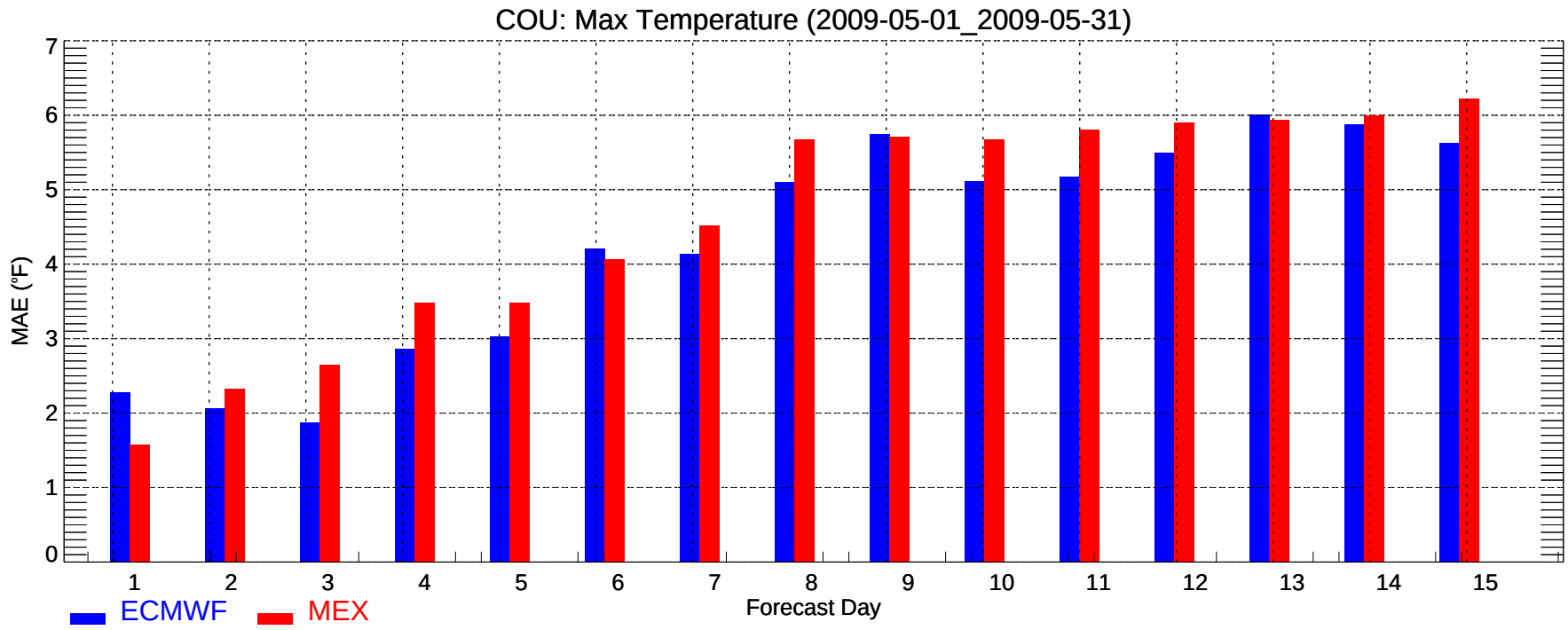
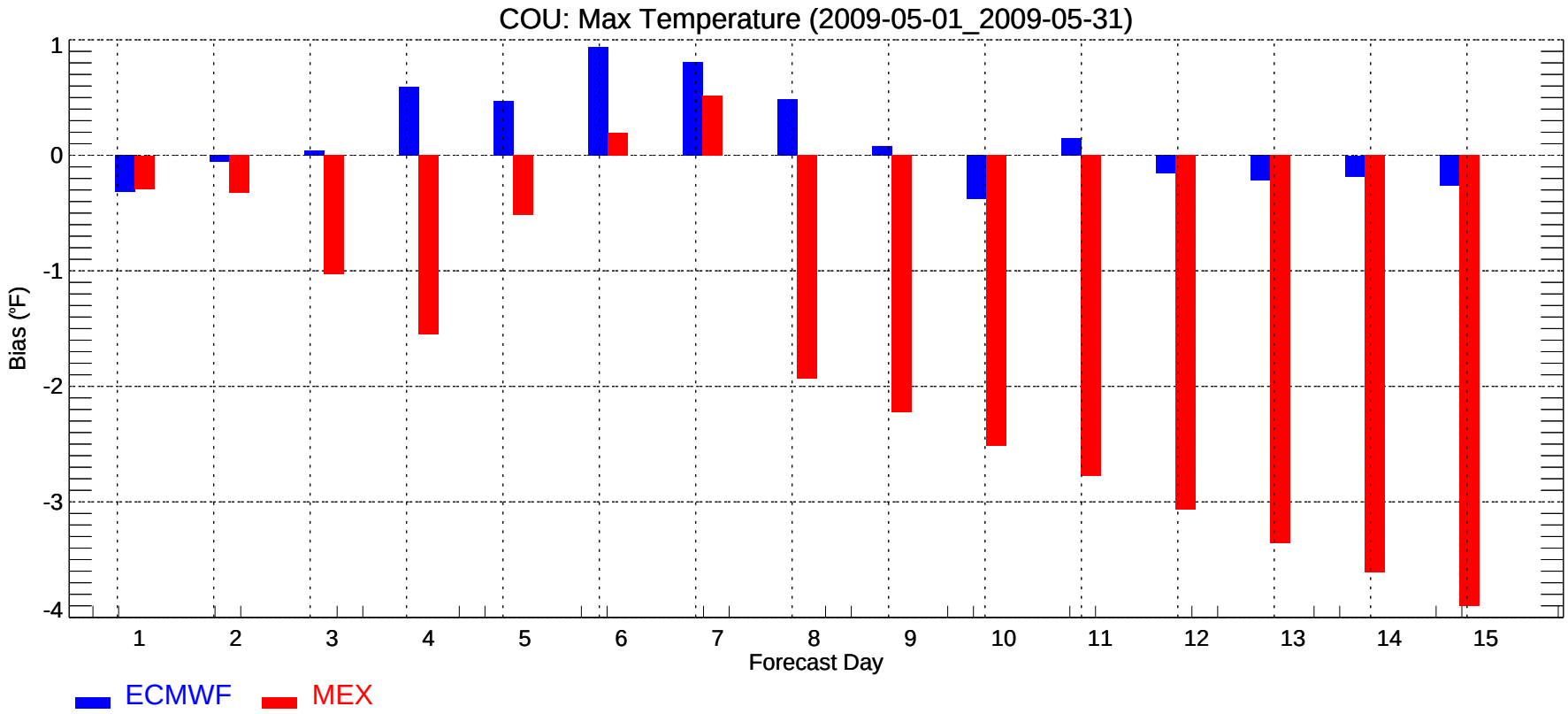
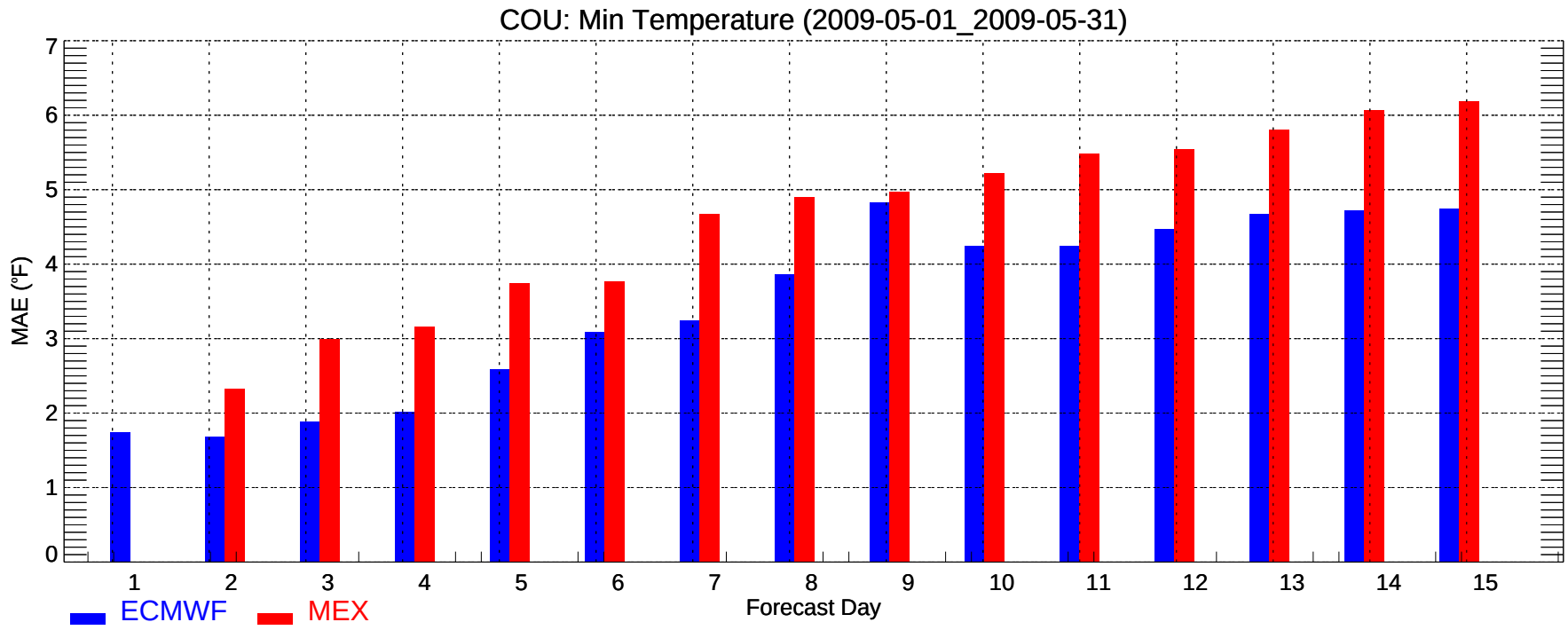
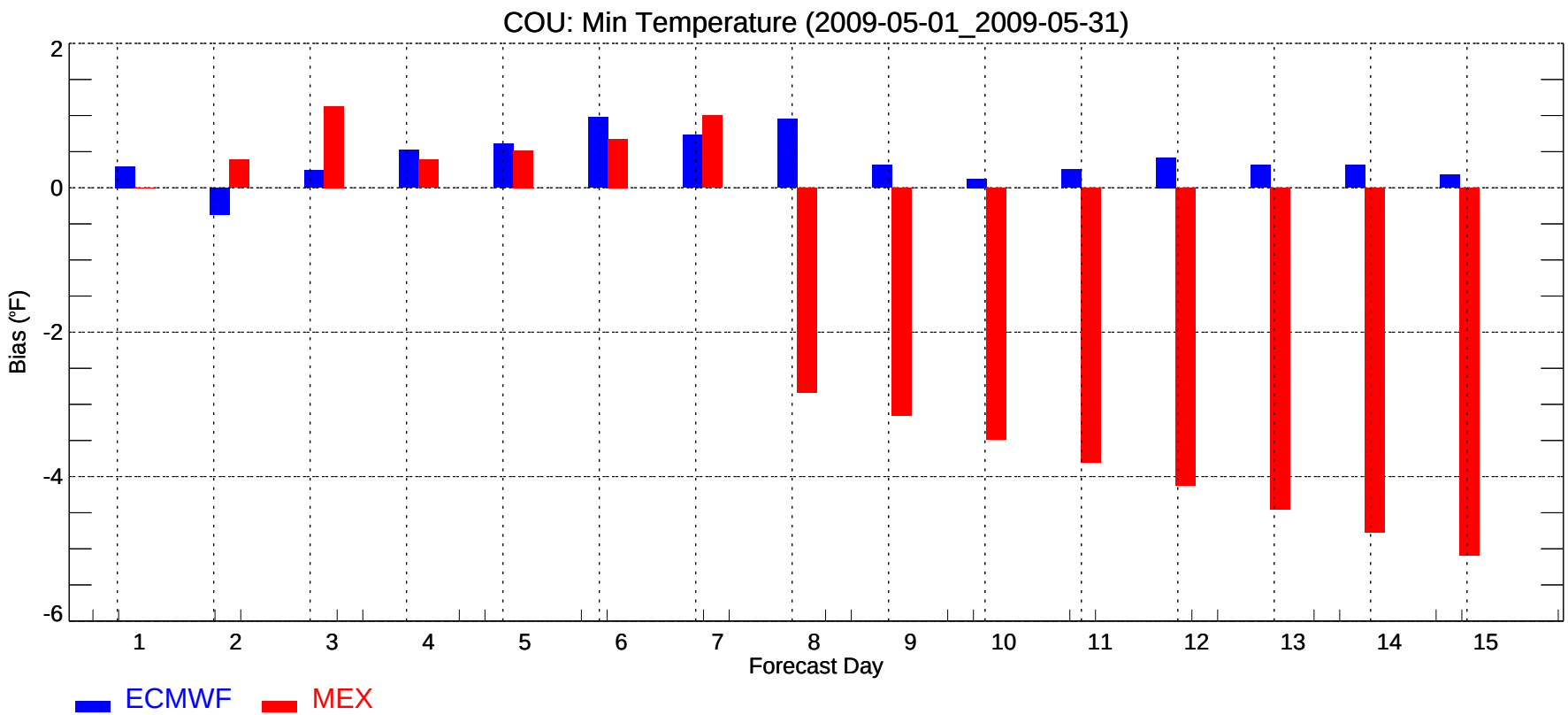
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COU: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COU: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COU: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COU: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
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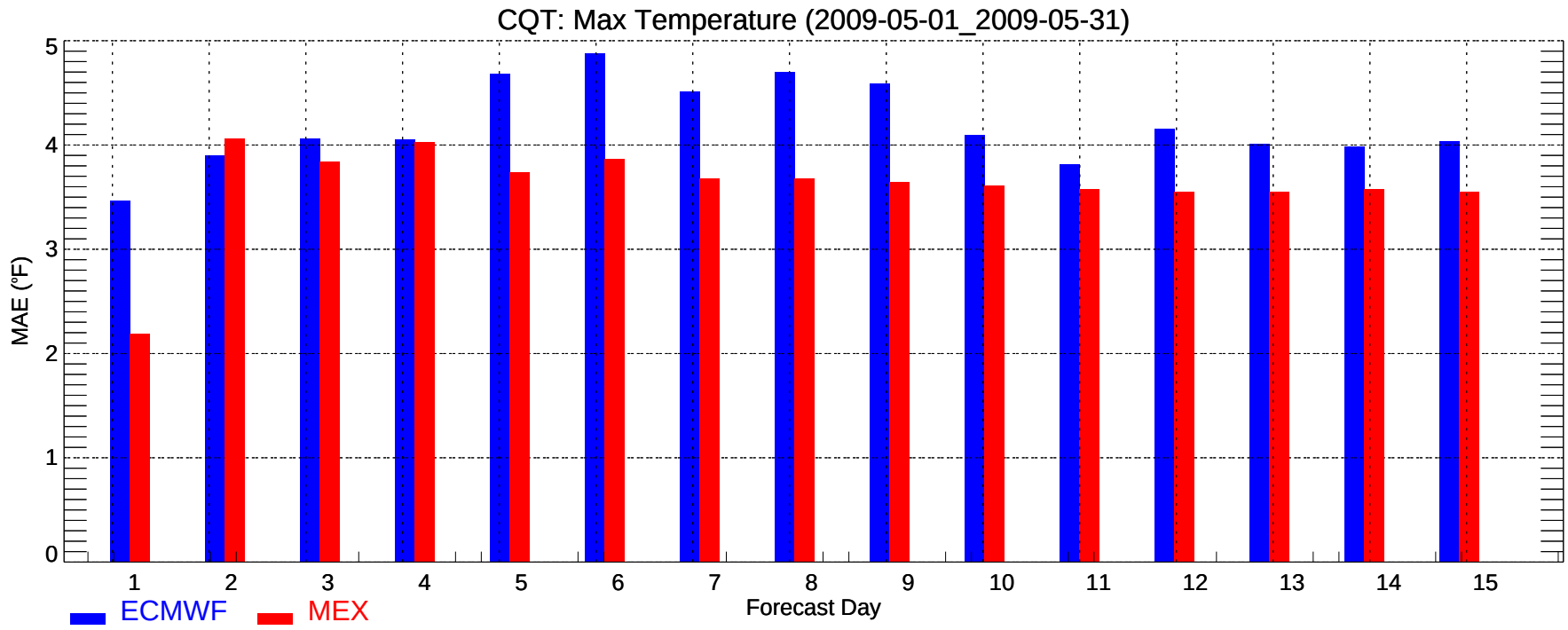
Forecast Day
ECMWF
MEX


CQT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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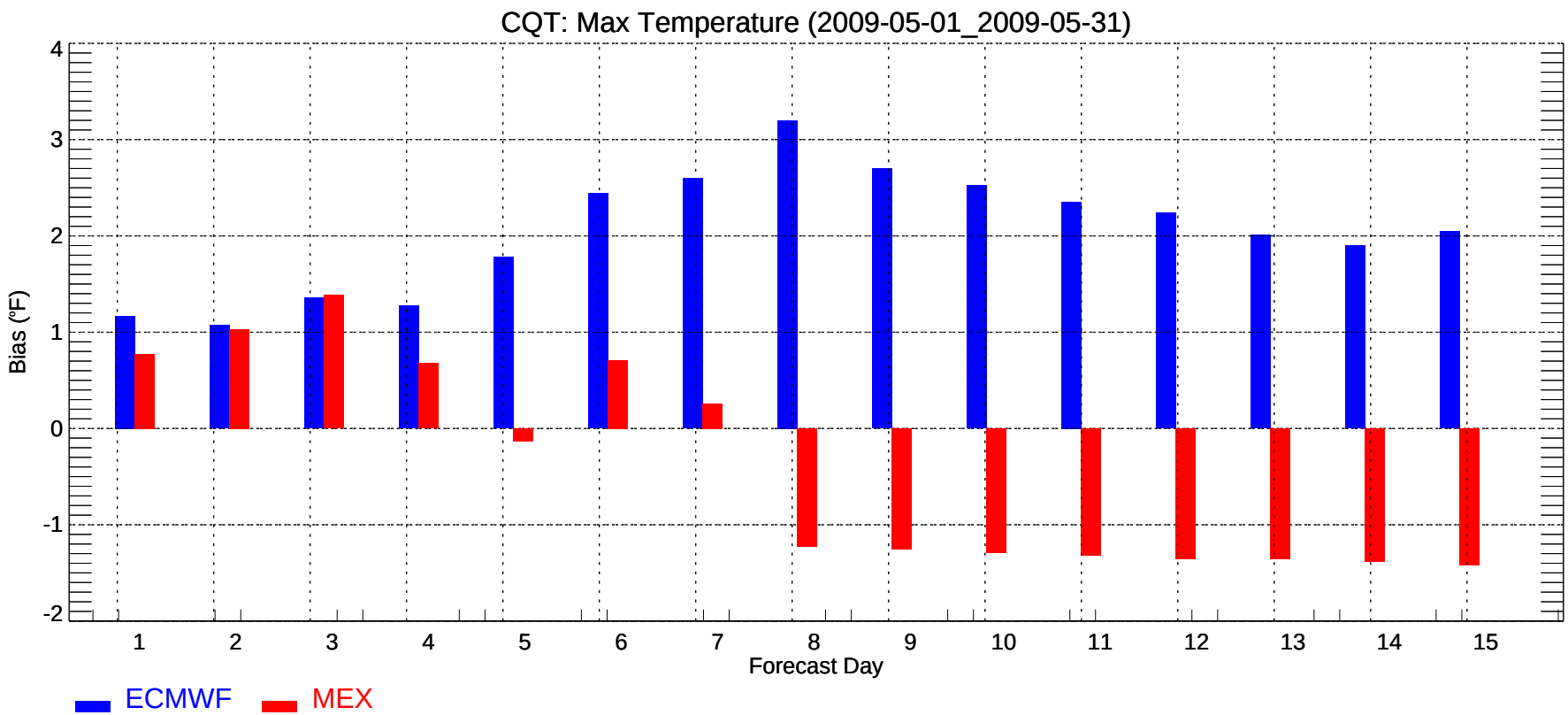
Forecast Day
ECMWF
MEX


CQT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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2
1
0
-1
-2
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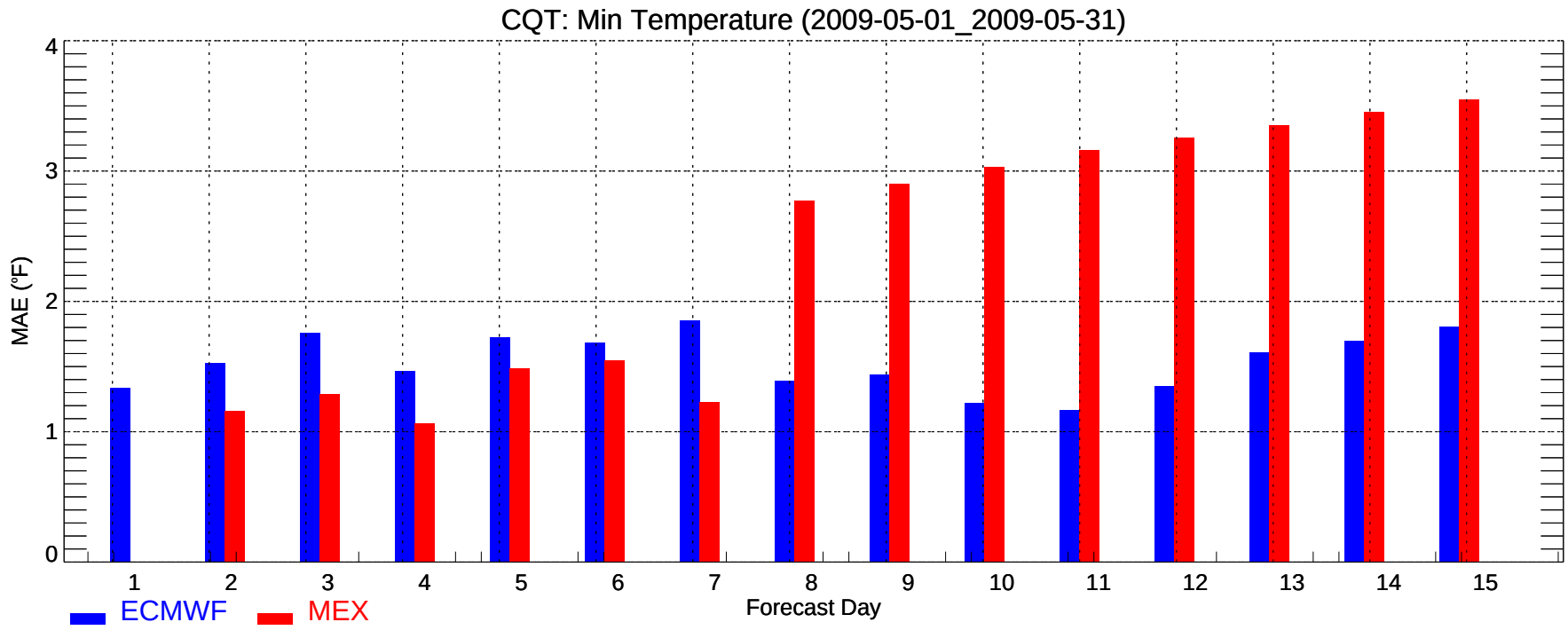
Forecast Day
ECMWF
MEX


CQT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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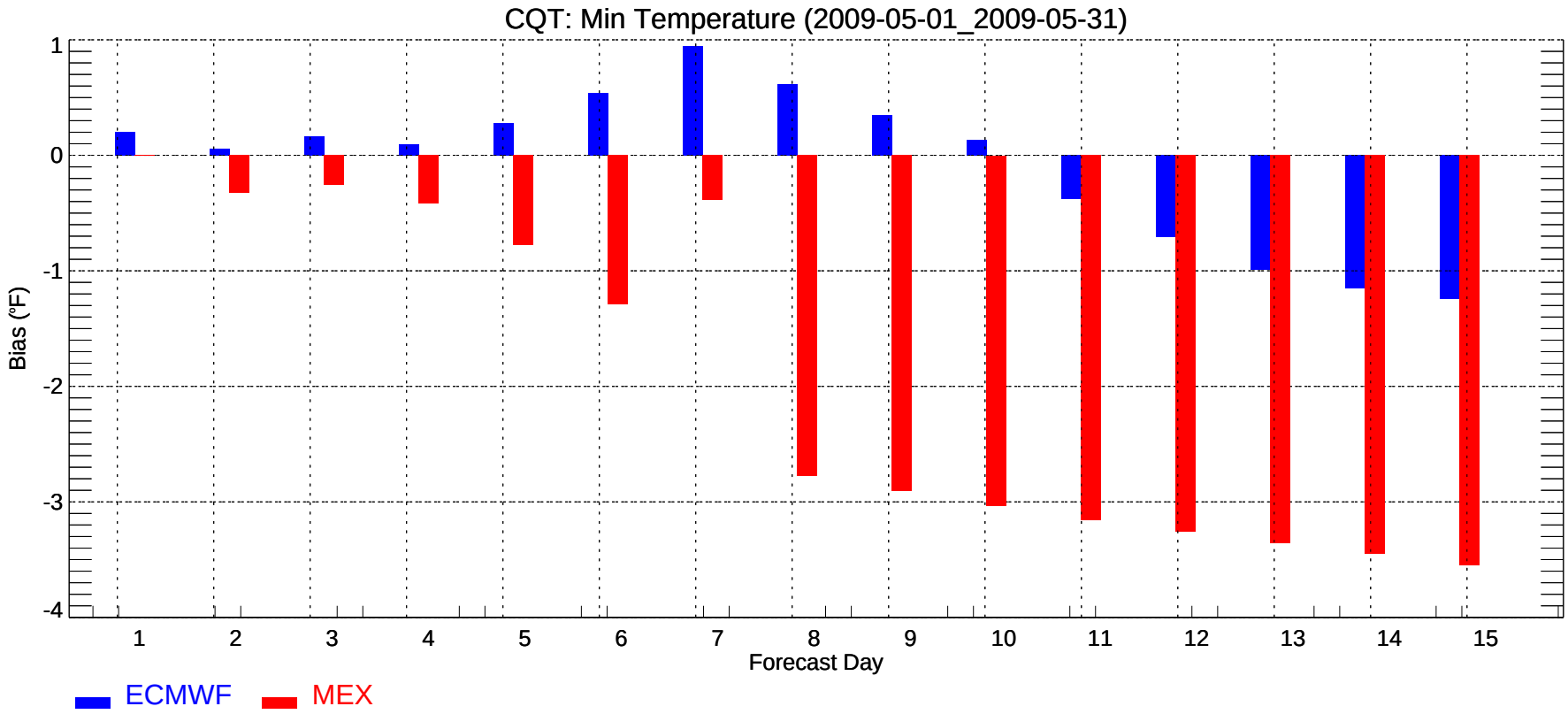
Forecast Day
ECMWF
MEX


CQT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-1
-2
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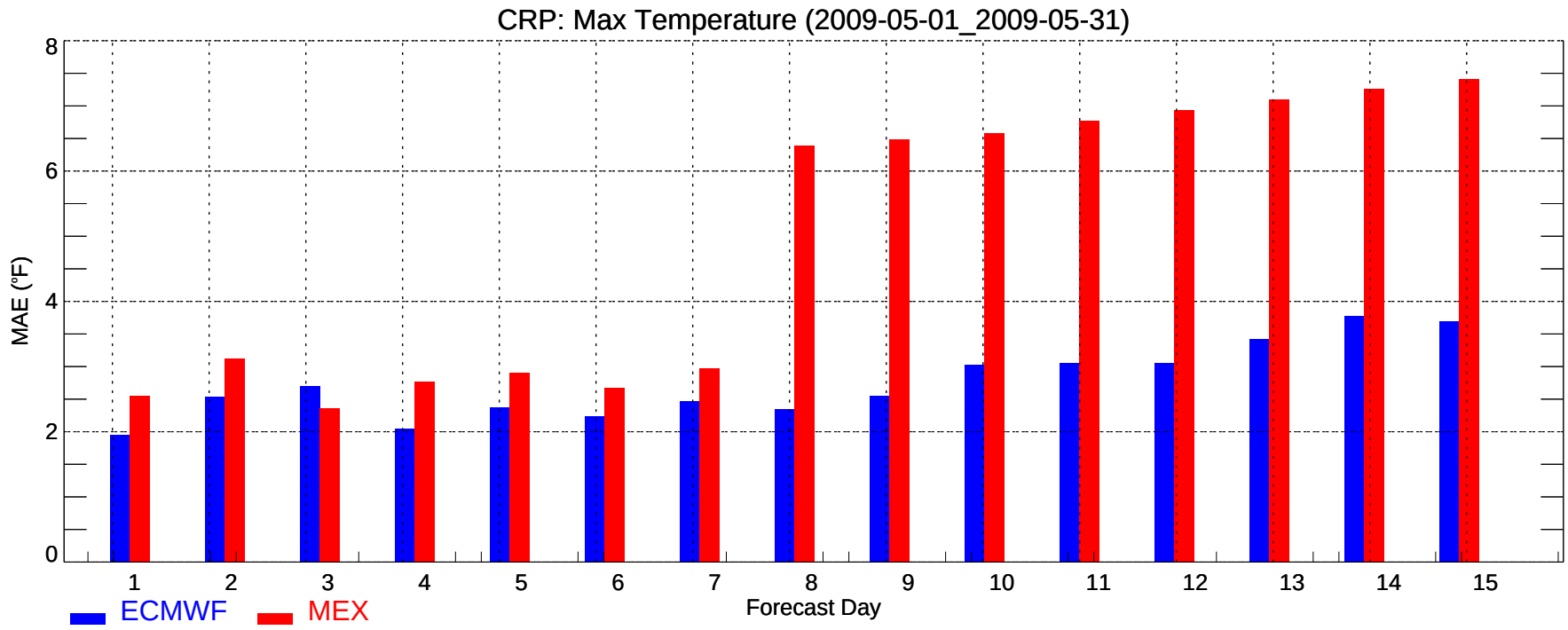
Forecast Day
ECMWF
MEX


CRP: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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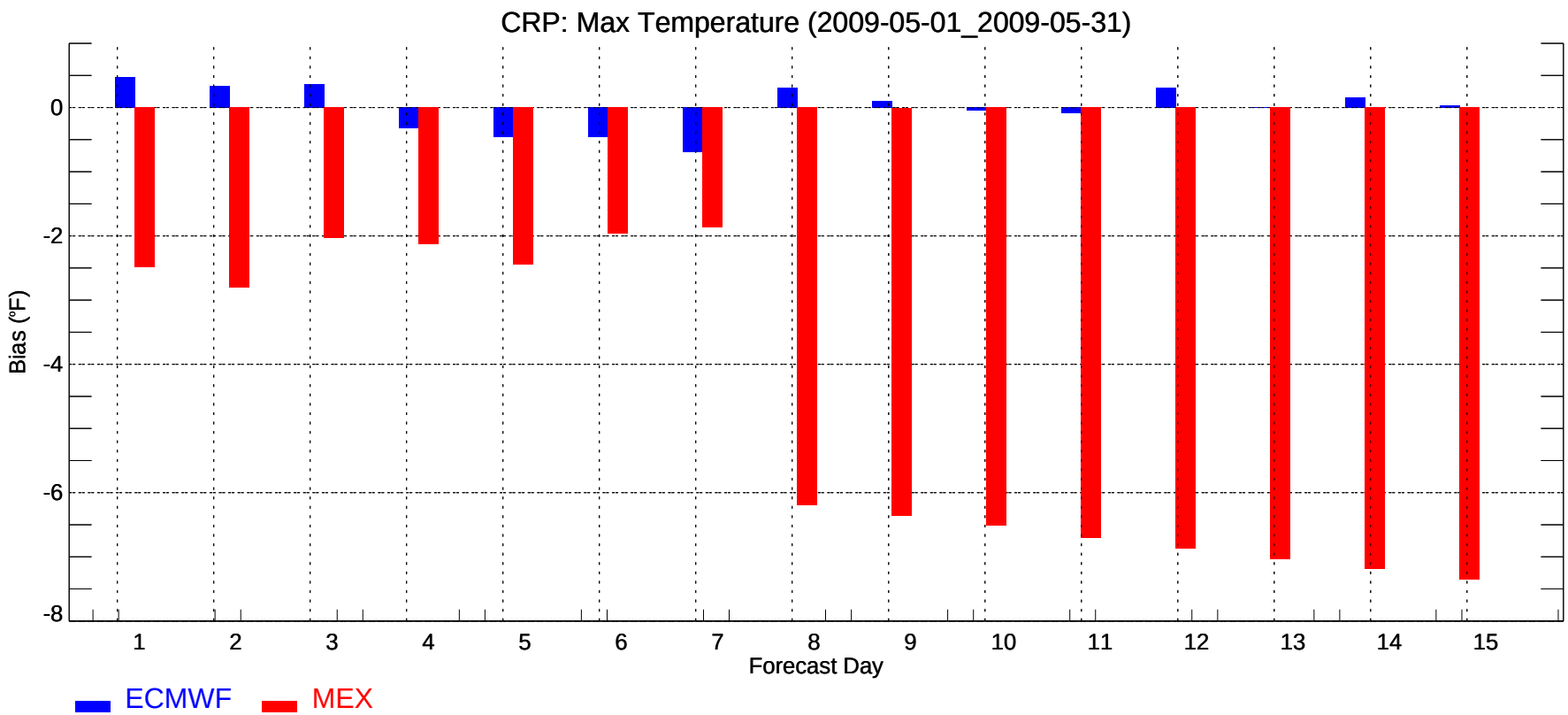
Forecast Day
ECMWF
MEX


CRP: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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Forecast Day
ECMWF
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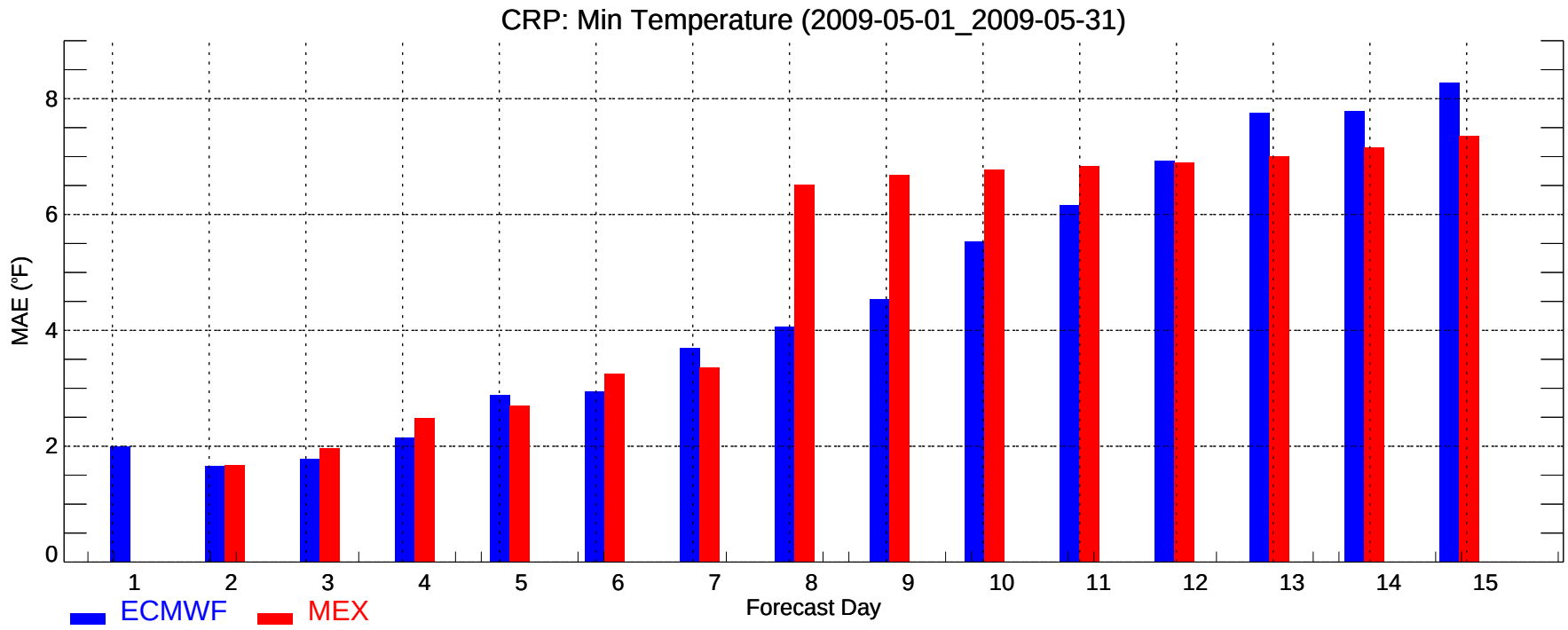
CRP: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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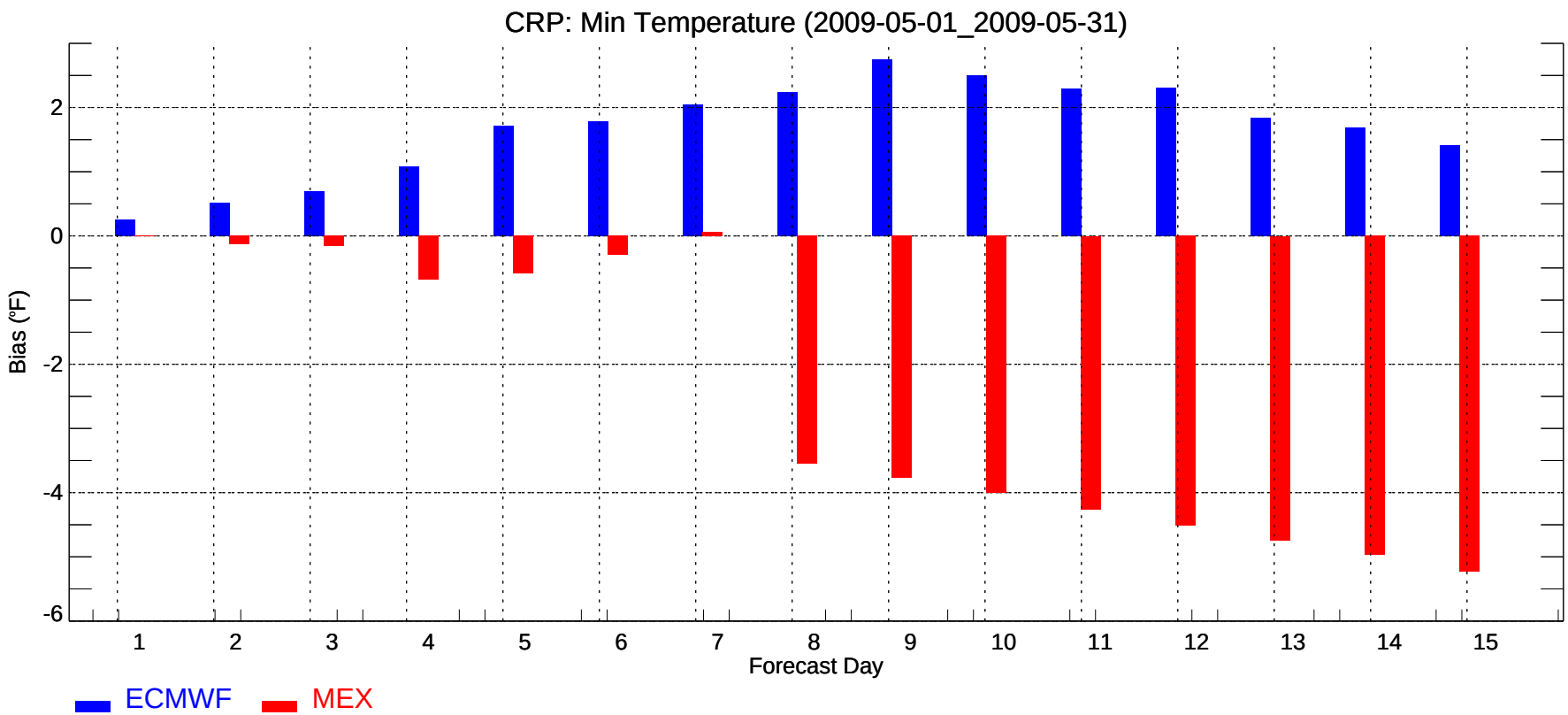
Forecast Day
ECMWF
MEX


CRP: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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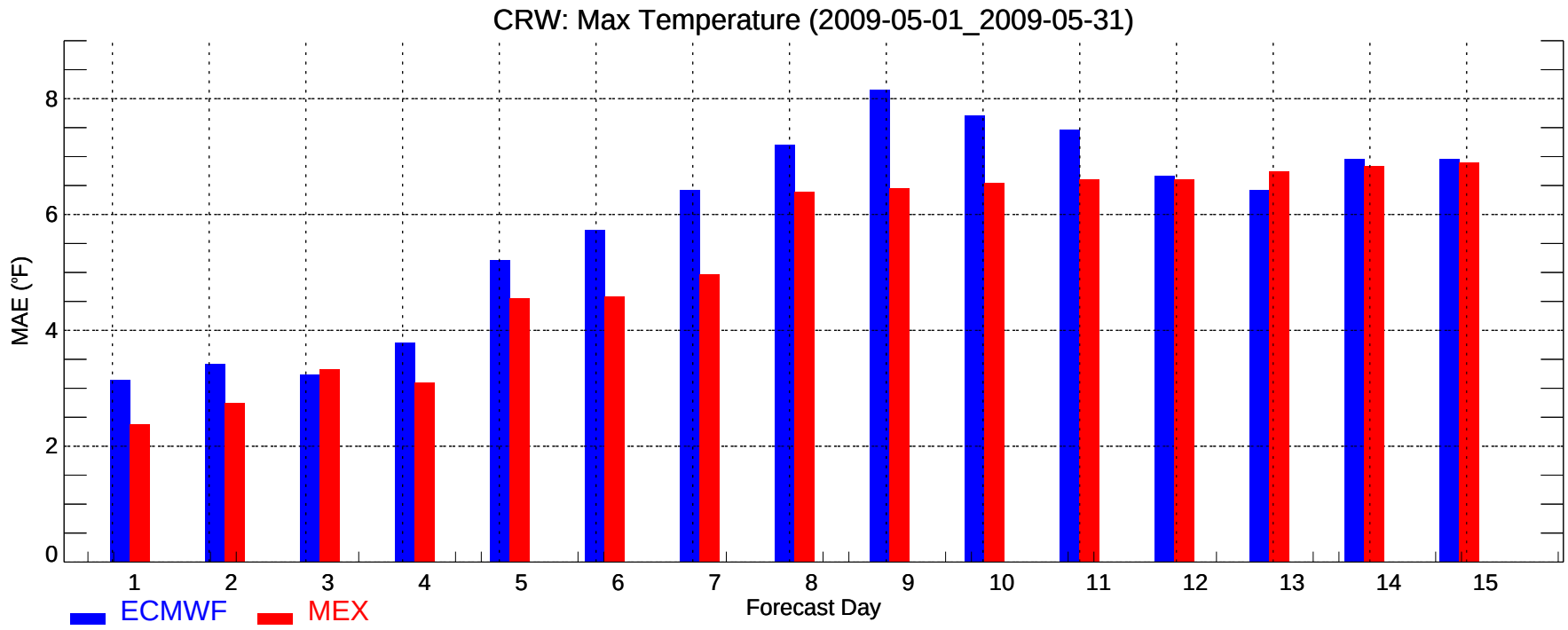
Forecast Day
ECMWF
MEX


CRW: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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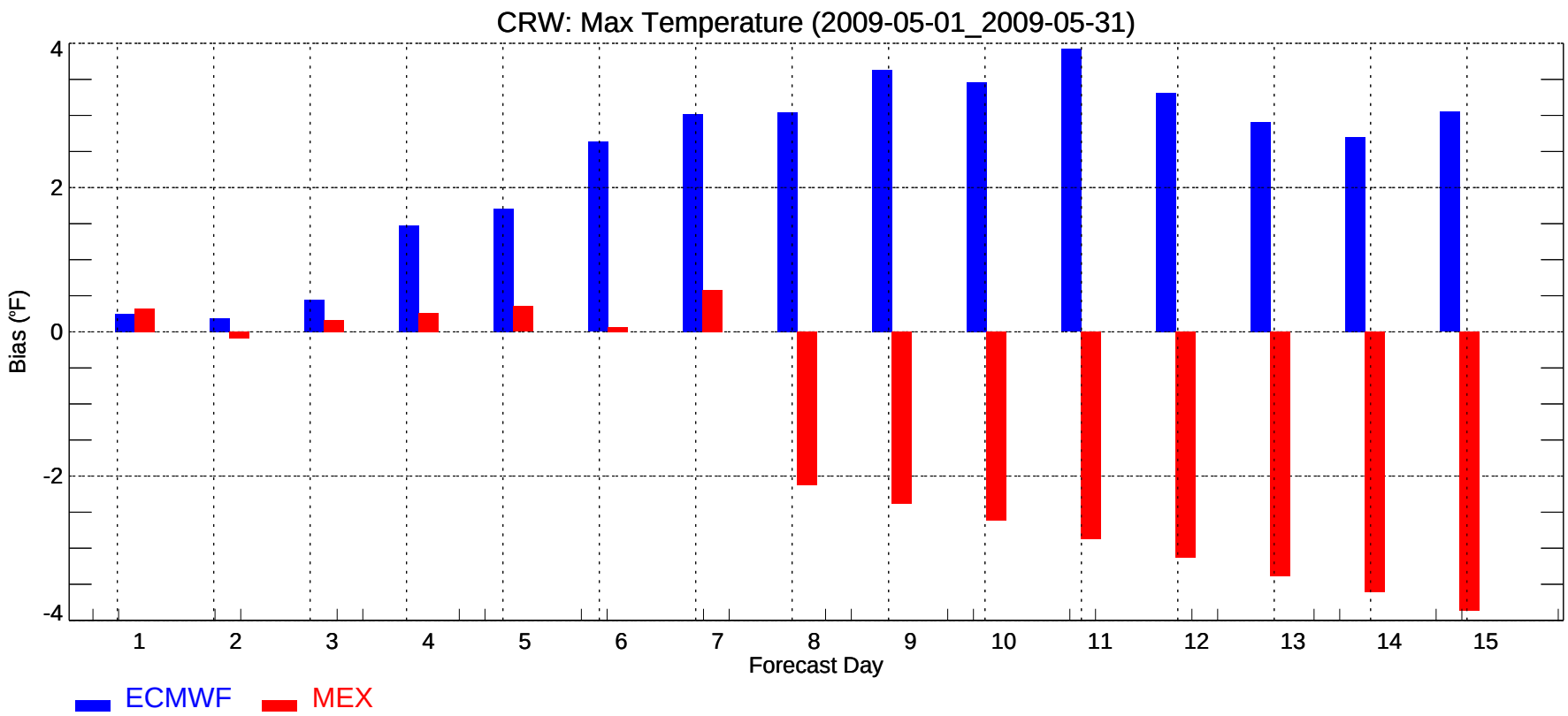
Forecast Day
ECMWF
MEX


CRW: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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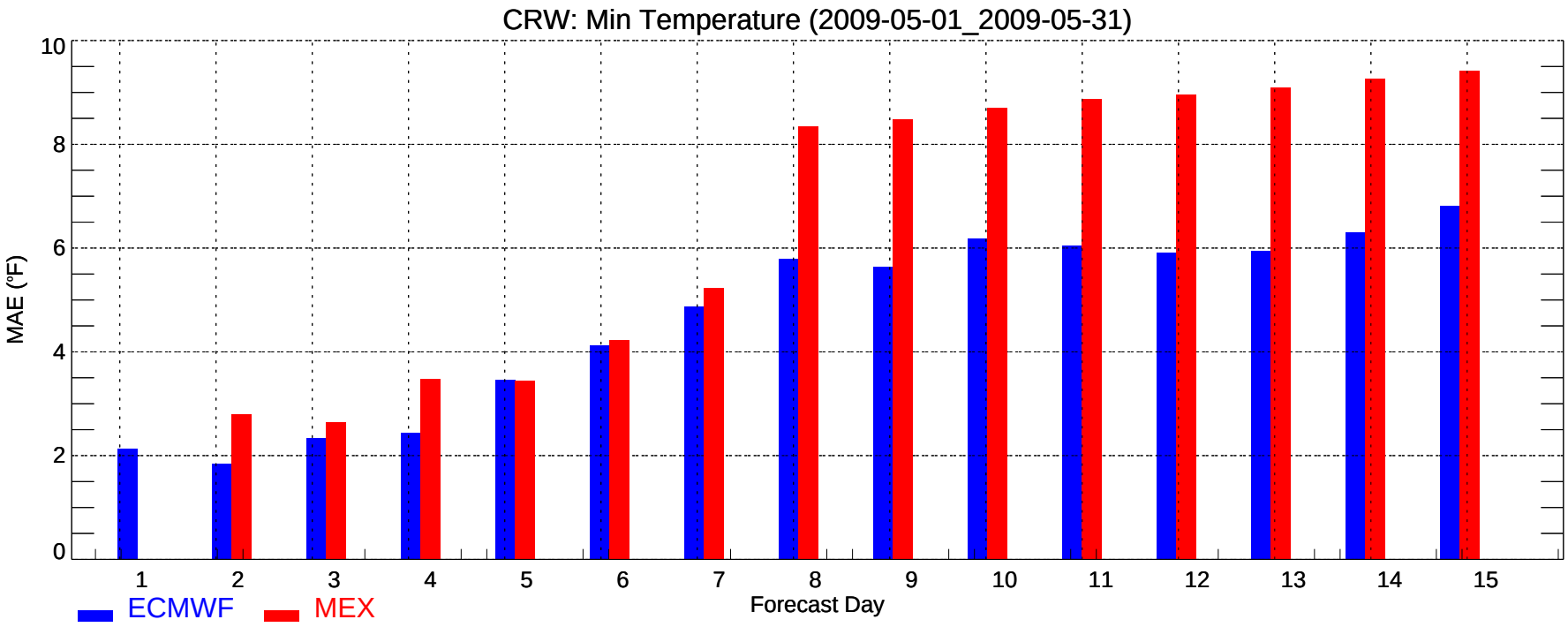
Forecast Day
ECMWF
MEX


CRW: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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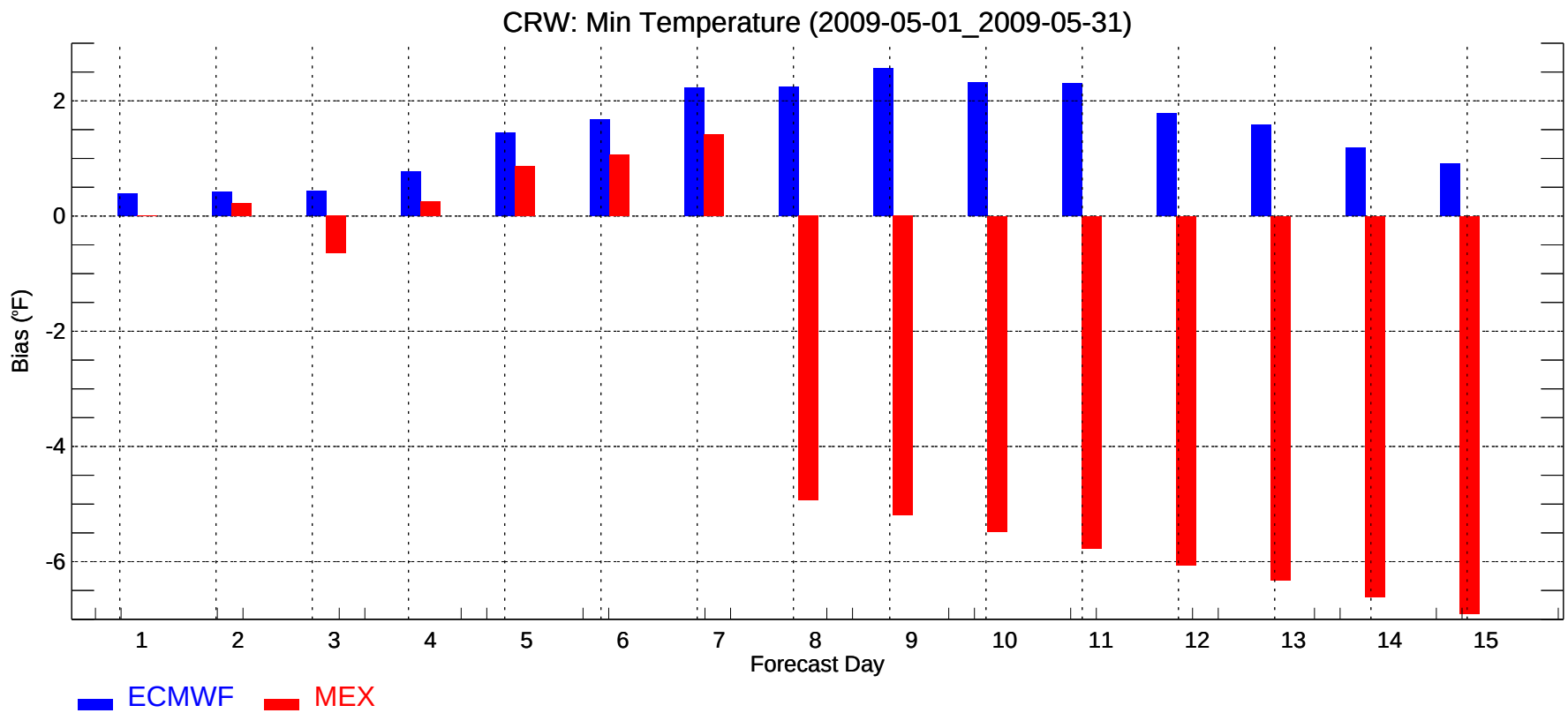
Forecast Day
ECMWF
MEX


CRW: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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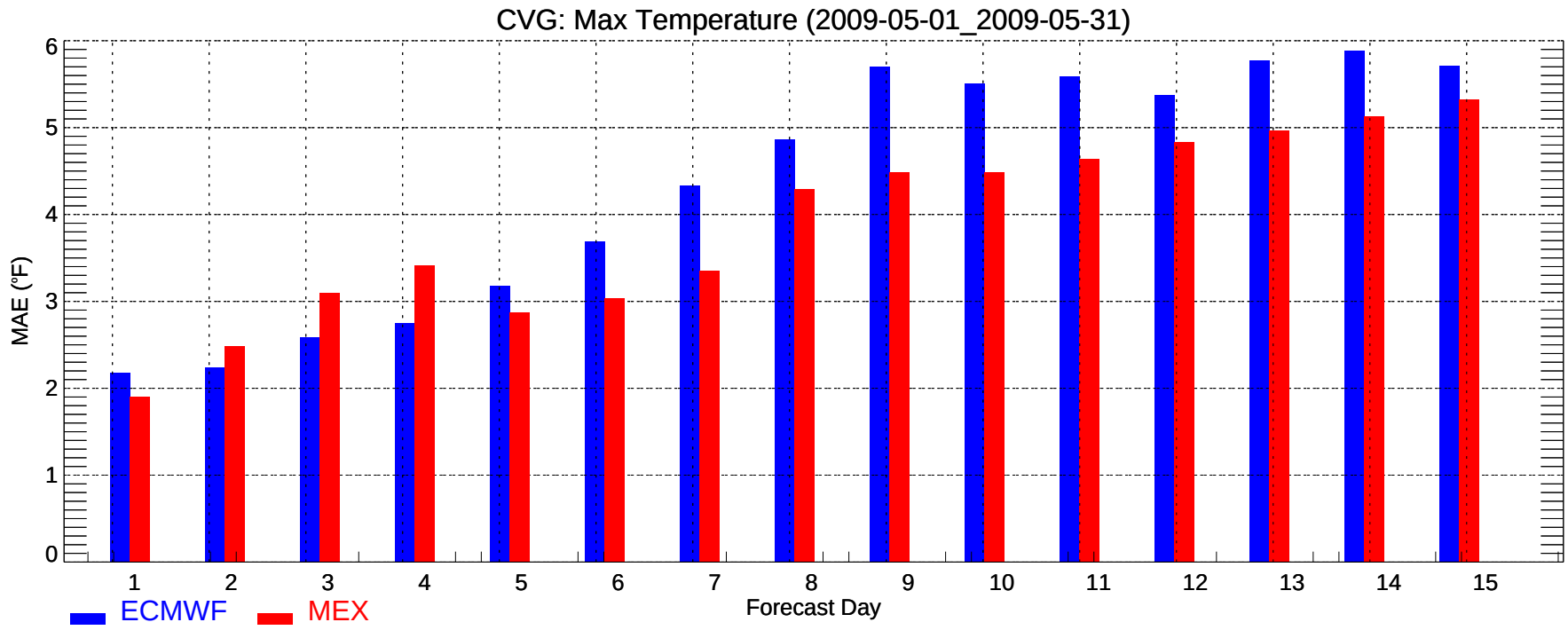
Forecast Day
ECMWF
MEX


CVG: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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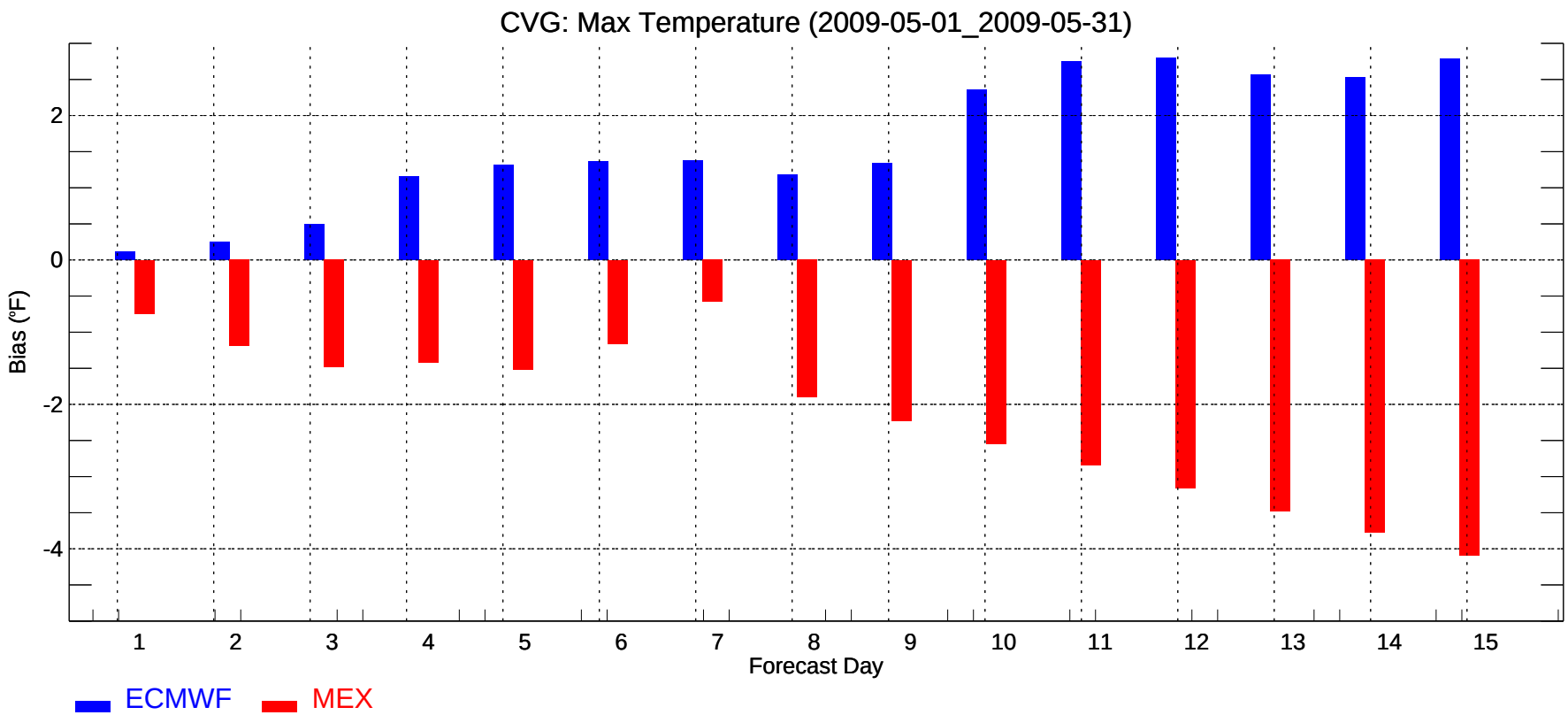
Forecast Day
ECMWF
MEX


CVG: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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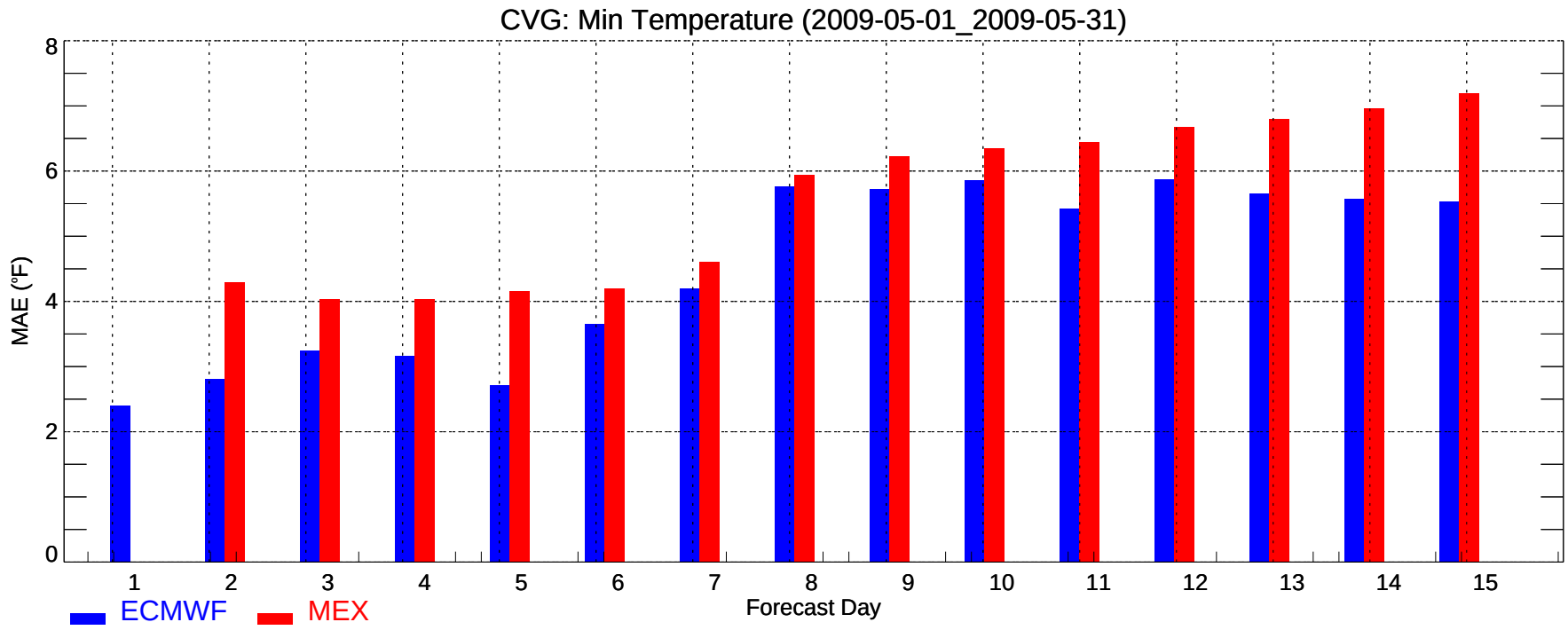
Forecast Day
ECMWF
MEX


CVG: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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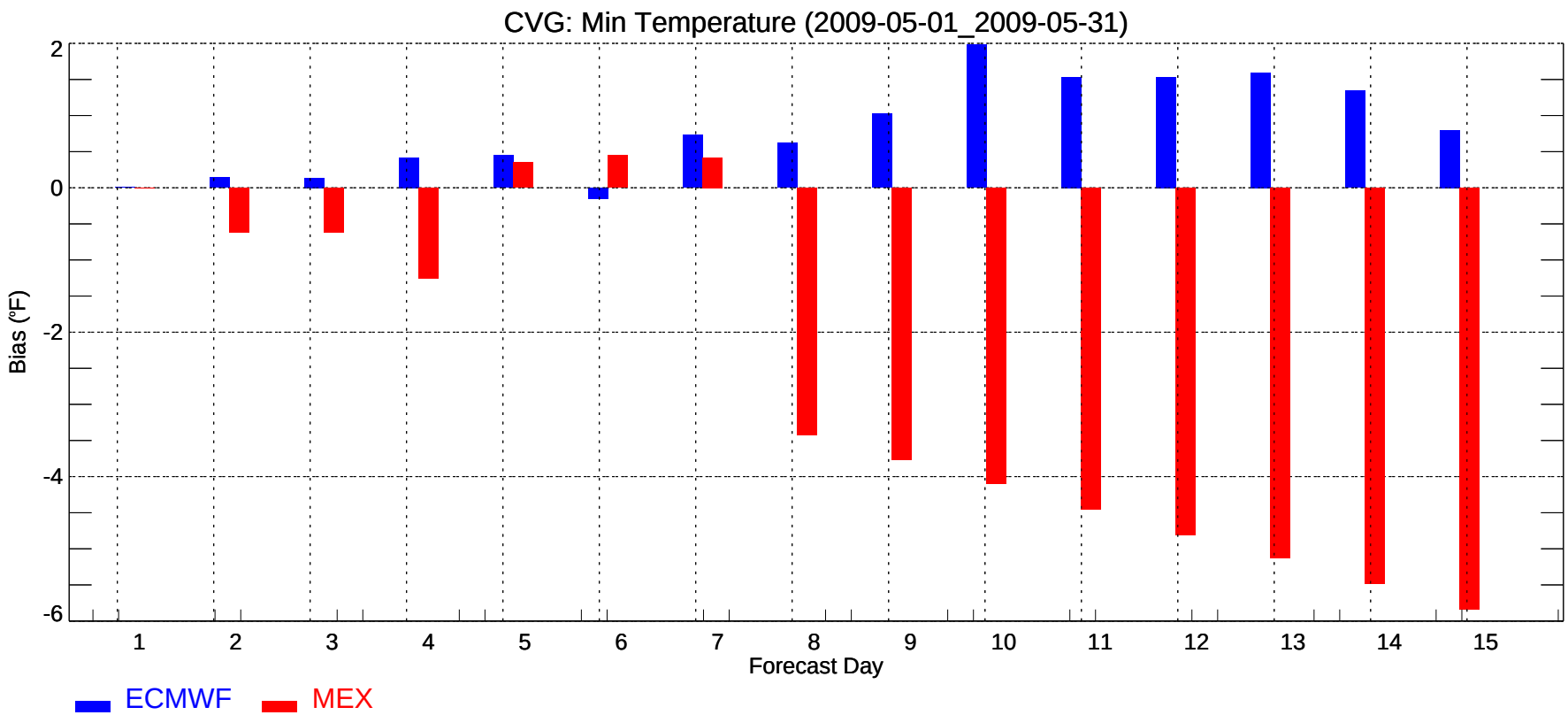
Forecast Day
ECMWF
MEX


CVG: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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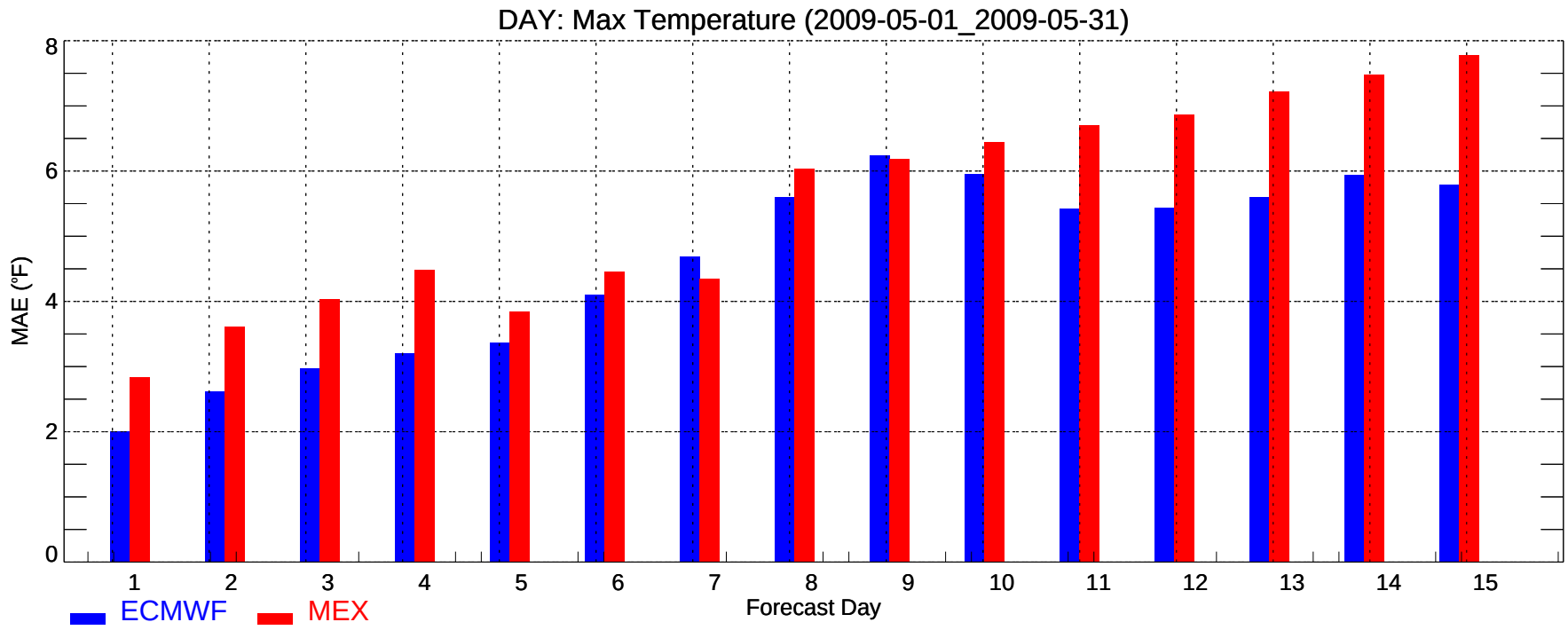
Forecast Day
ECMWF
MEX


DAY: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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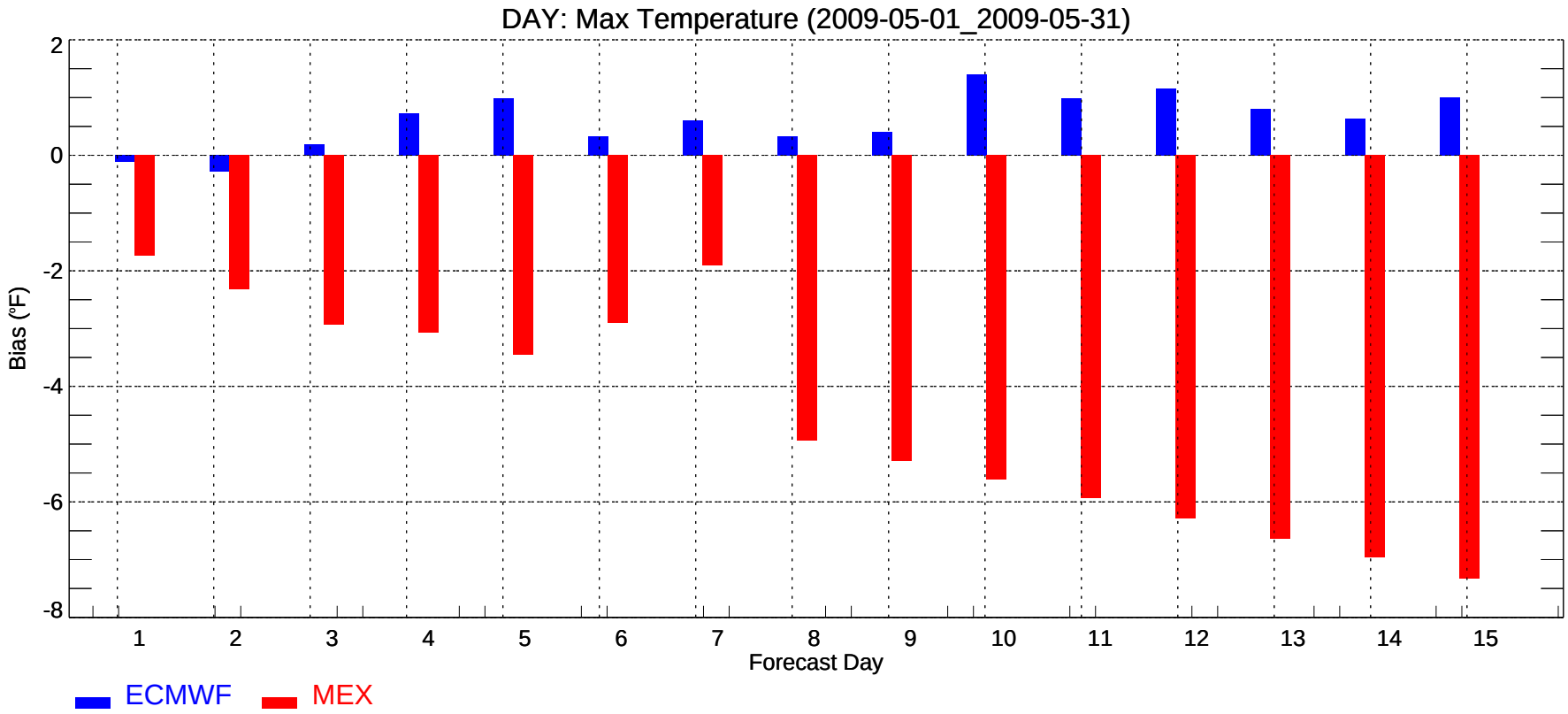
Forecast Day
ECMWF
MEX


DAY: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-2
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-6
-8
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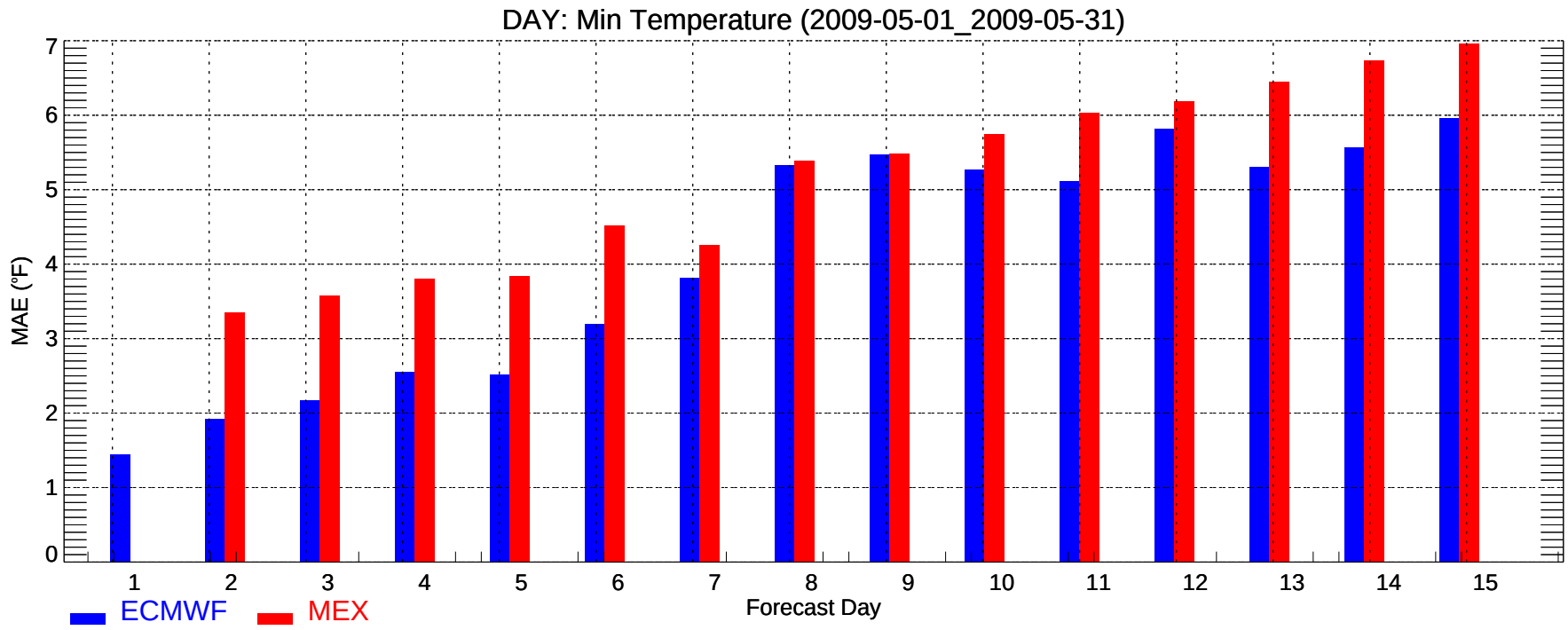
Forecast Day
ECMWF
MEX


DAY: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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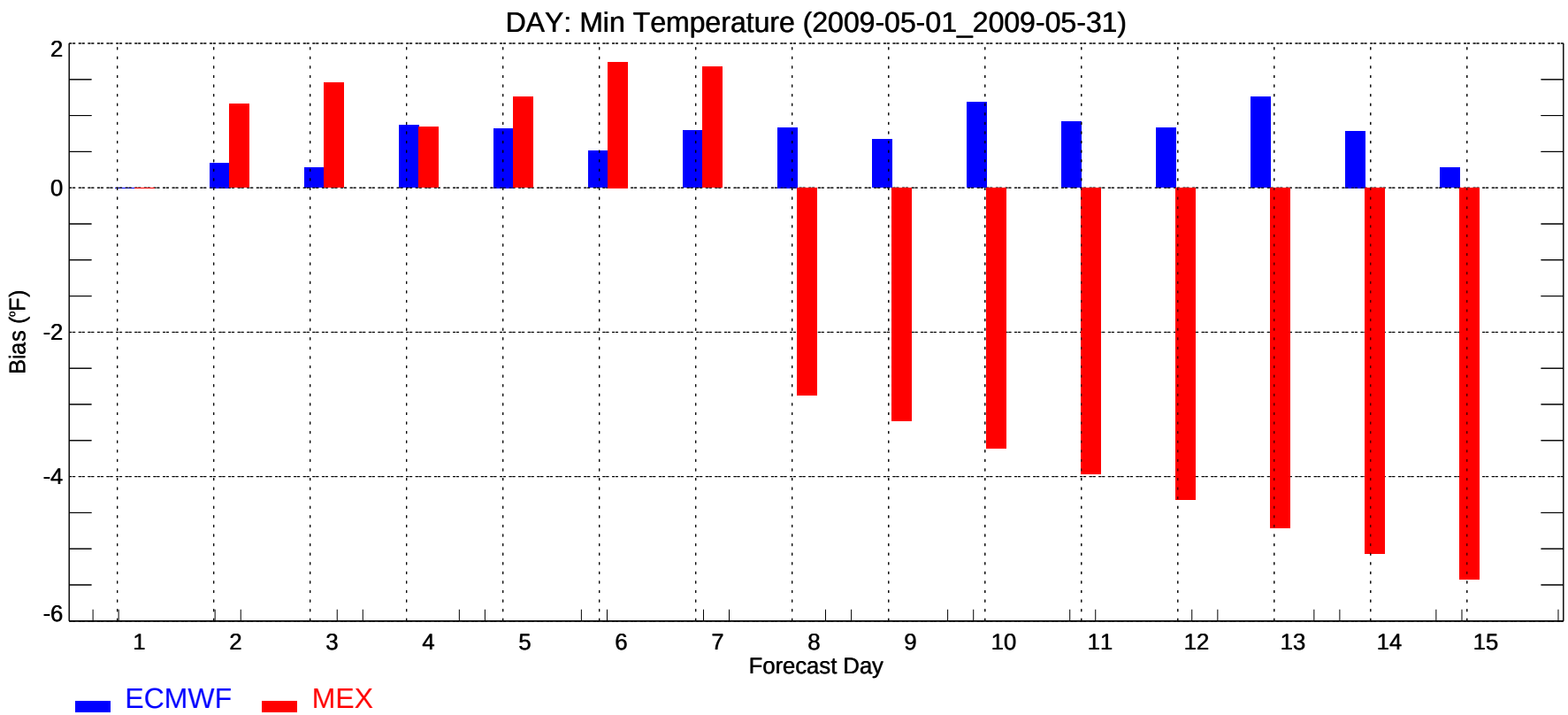
Forecast Day
ECMWF
MEX


DAY: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-2
-4
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Forecast Day
ECMWF
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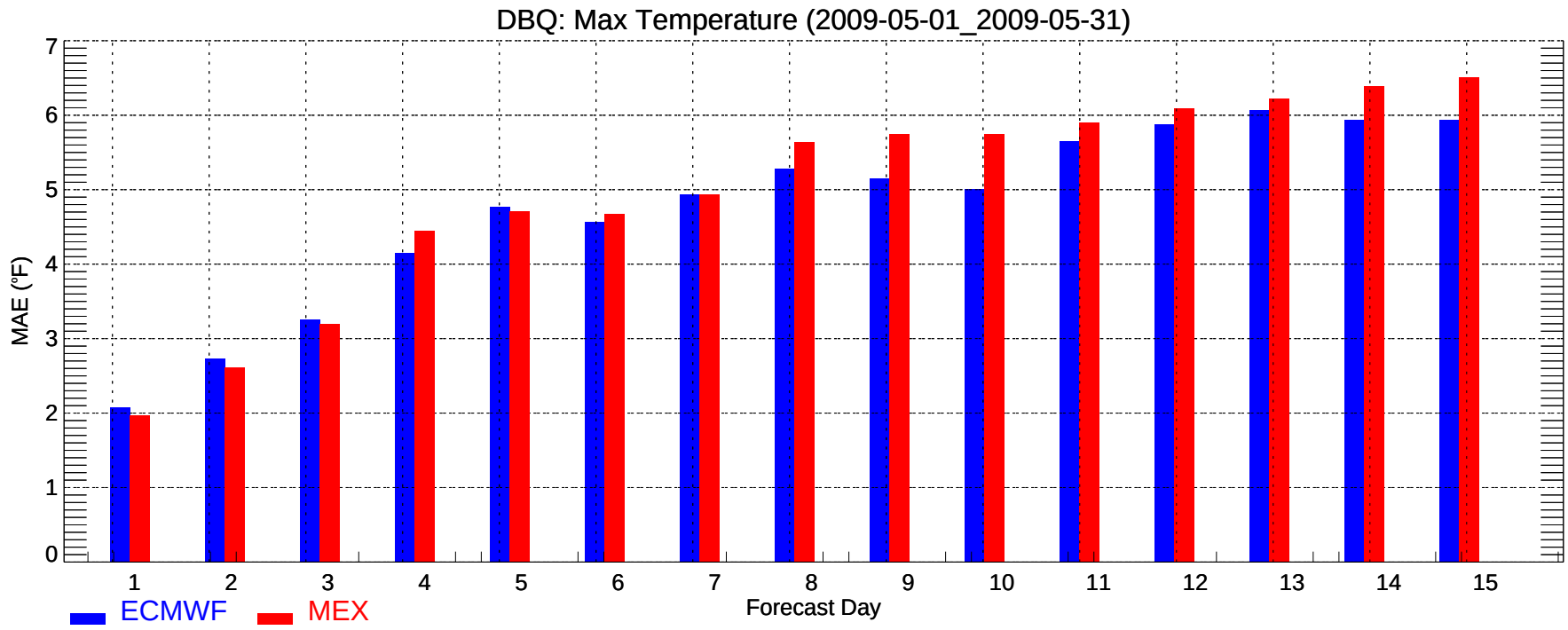
DBQ: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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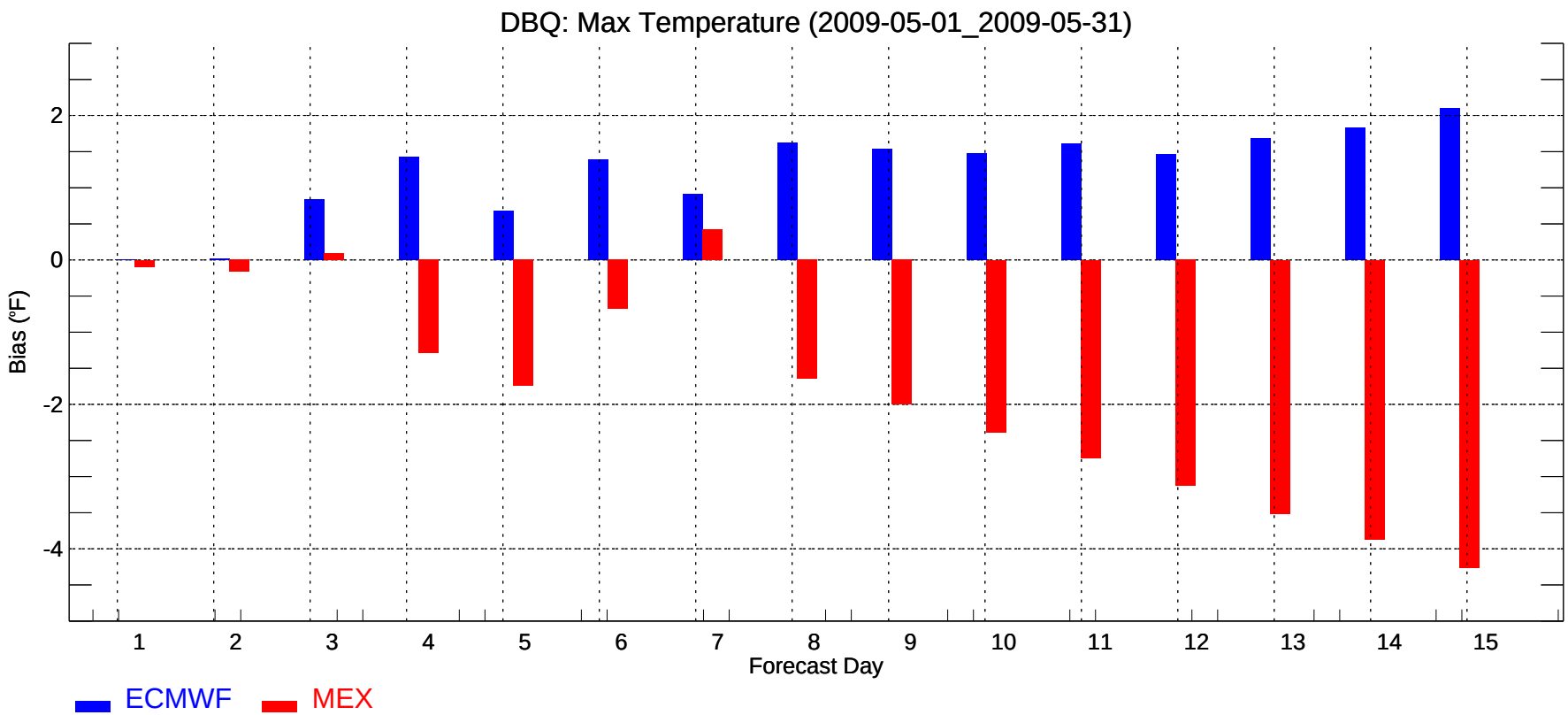
Forecast Day
ECMWF
MEX


DBQ: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
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-2
-4
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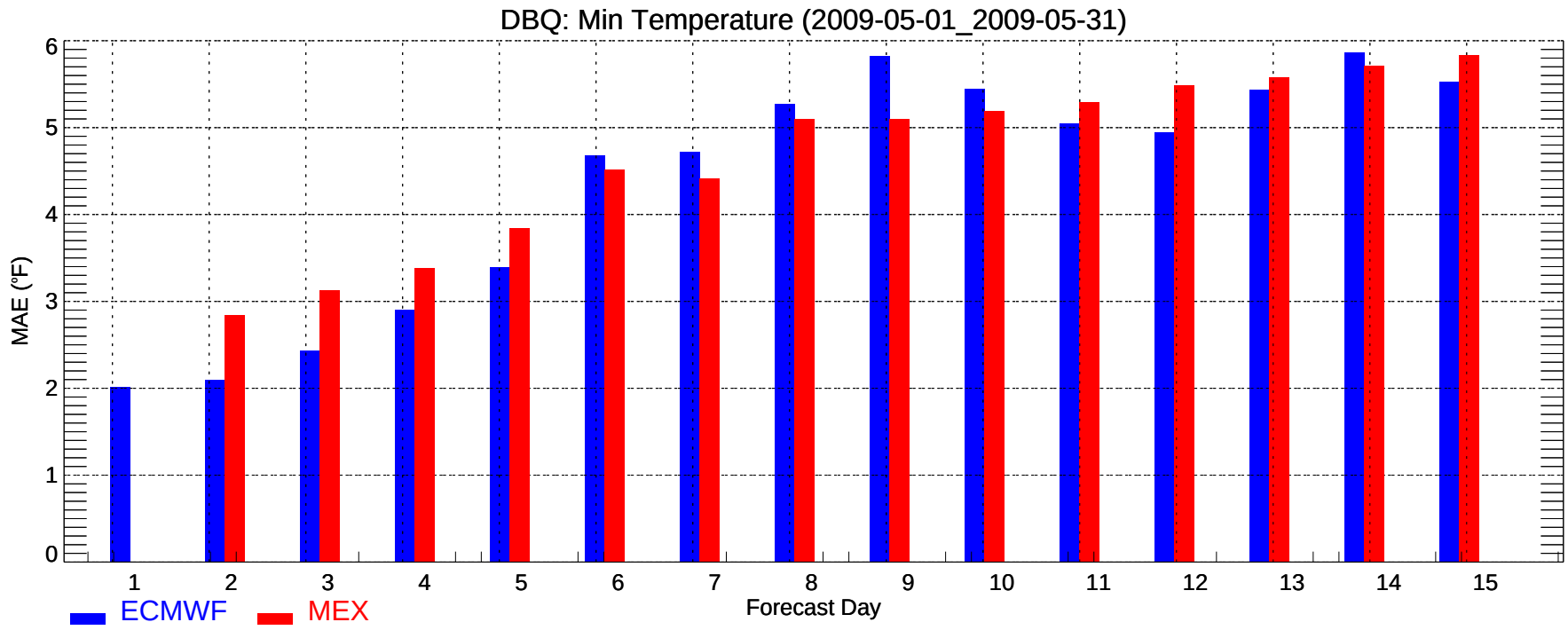
Forecast Day
ECMWF
MEX


DBQ: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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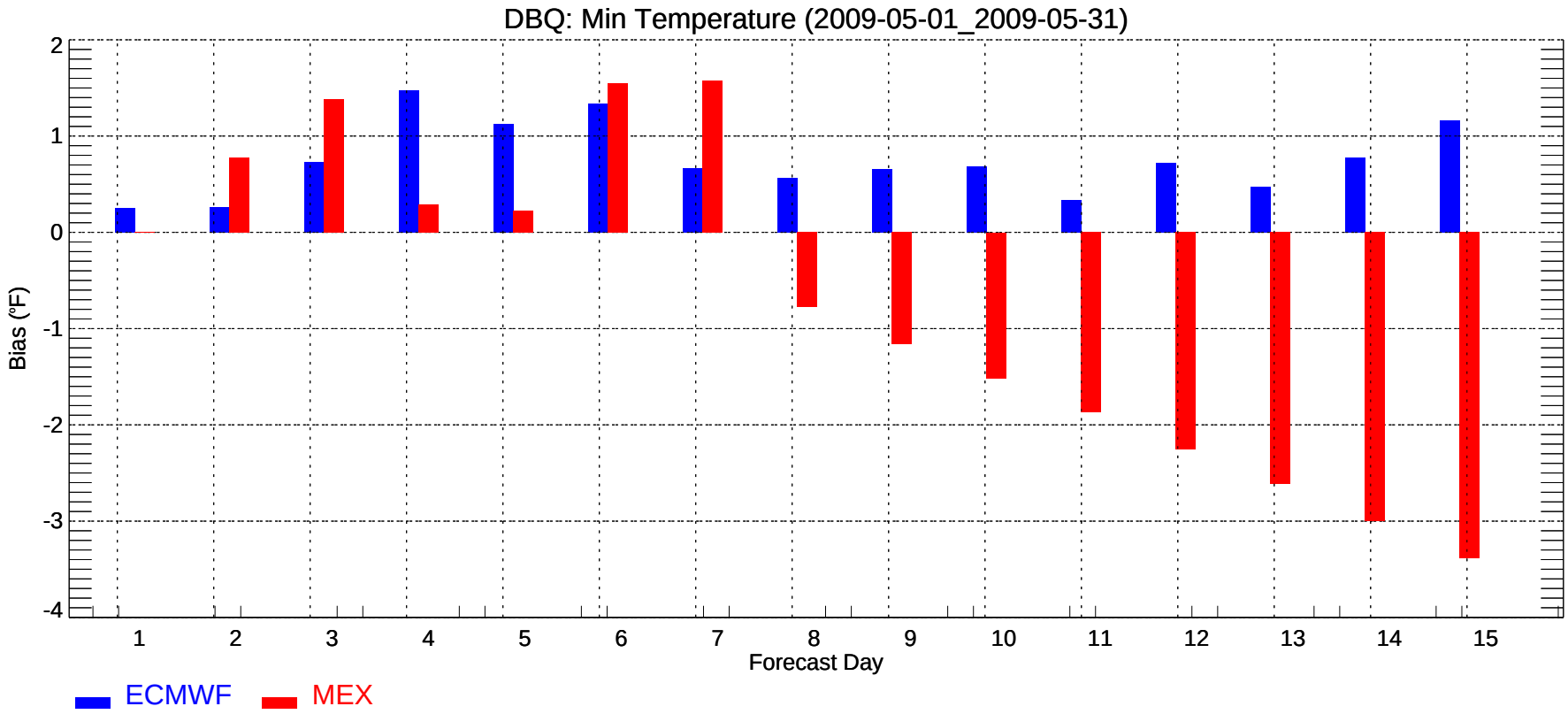
Forecast Day
ECMWF
MEX


DBQ: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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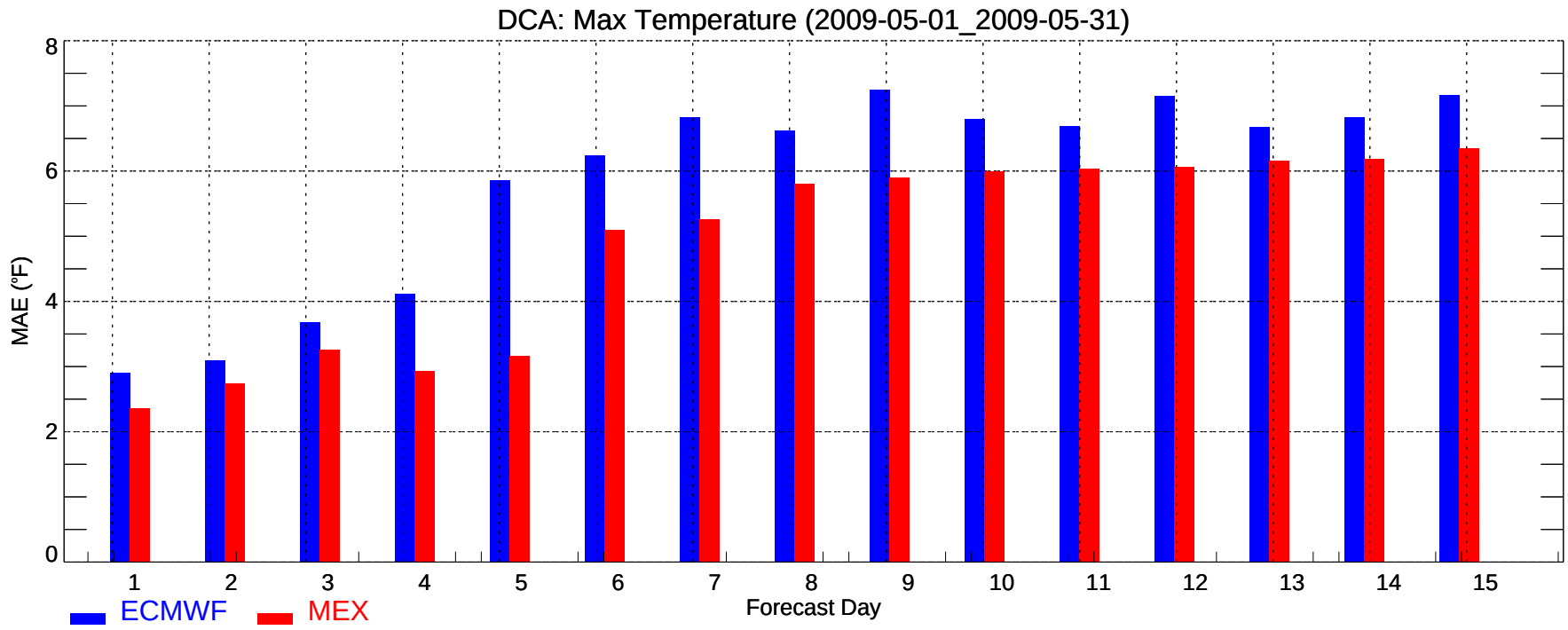
Forecast Day
ECMWF
MEX


DCA: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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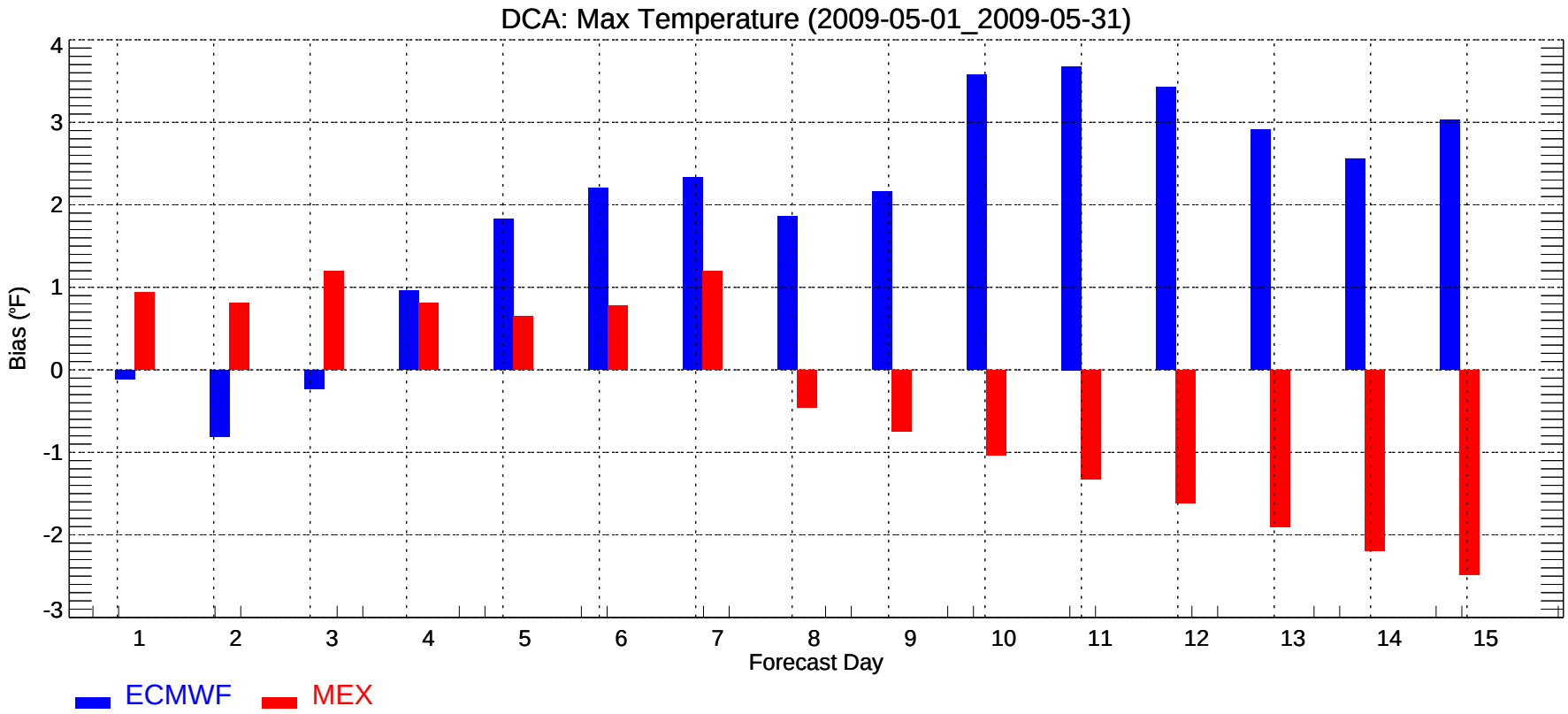
Forecast Day
ECMWF
MEX


DCA: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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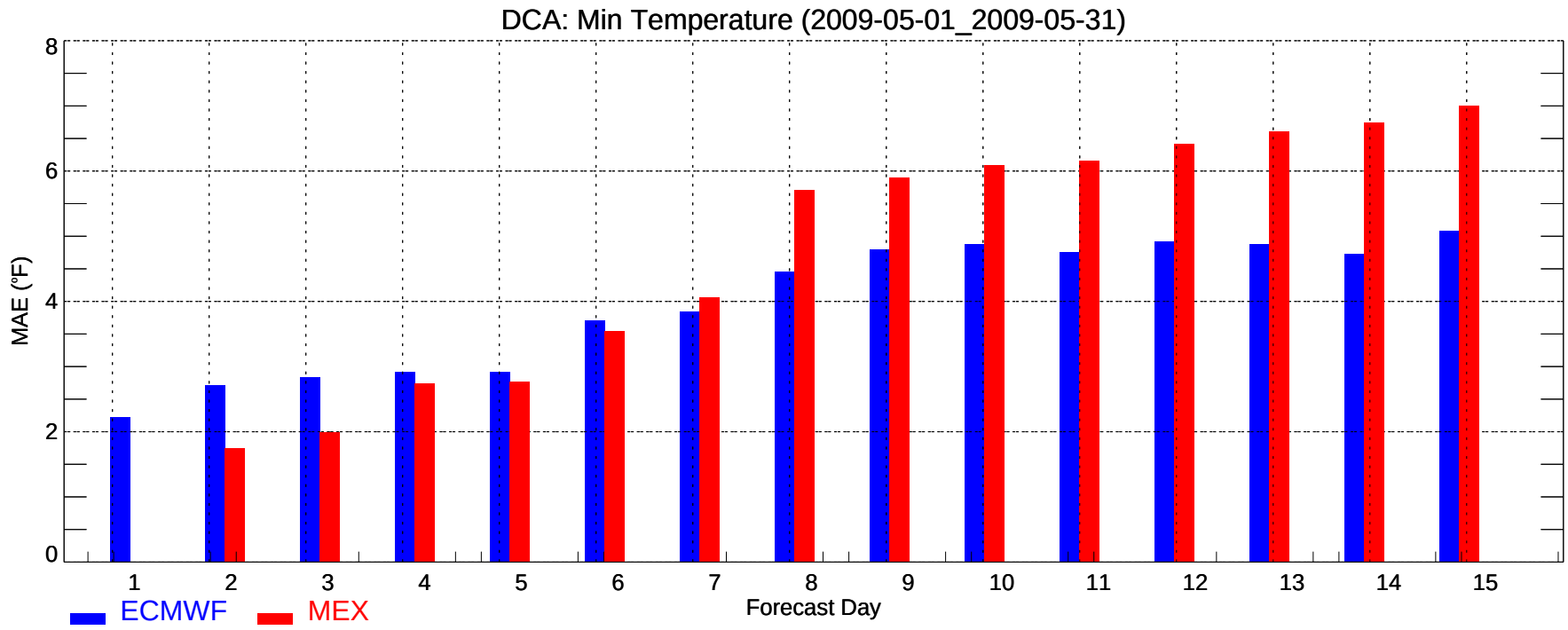
Forecast Day
ECMWF
MEX


DCA: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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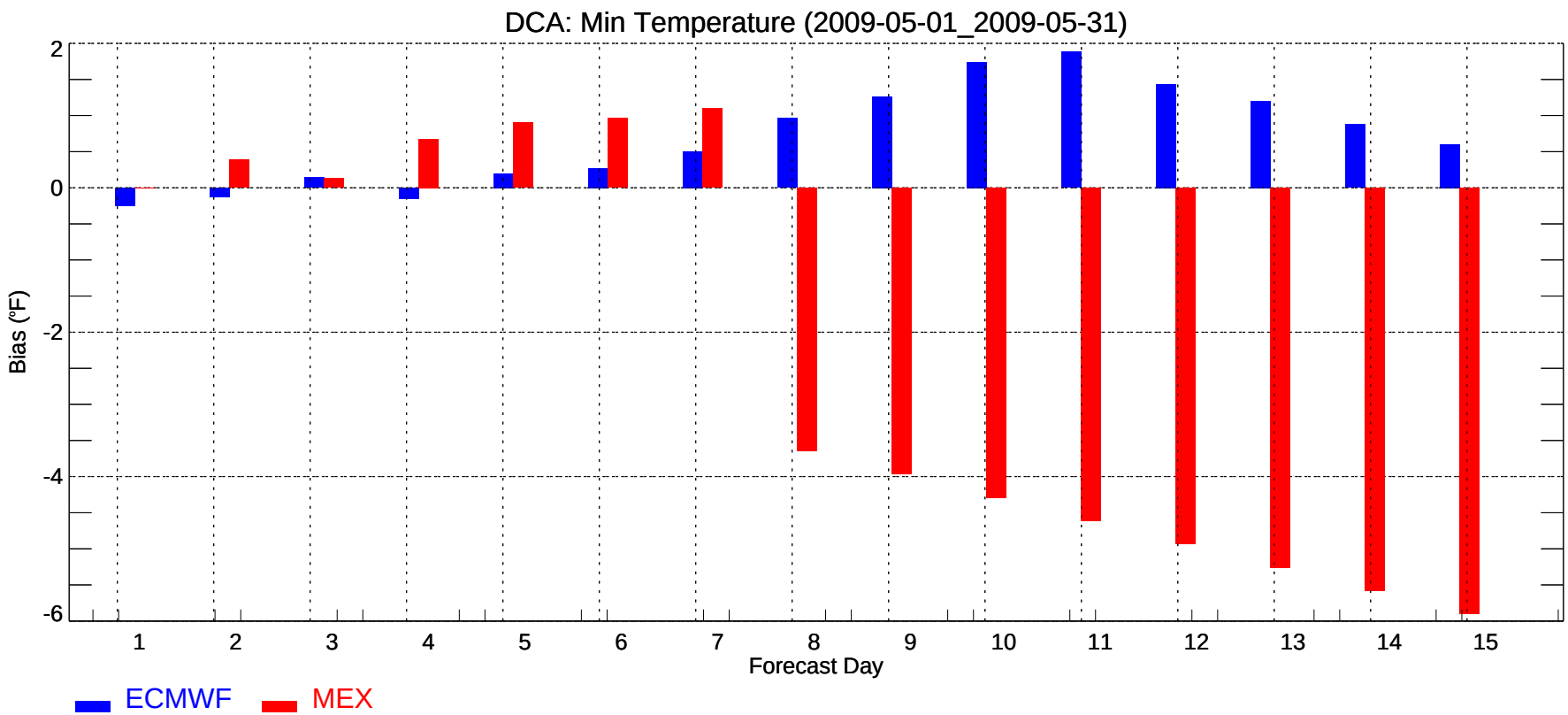
Forecast Day
ECMWF
MEX


DCA: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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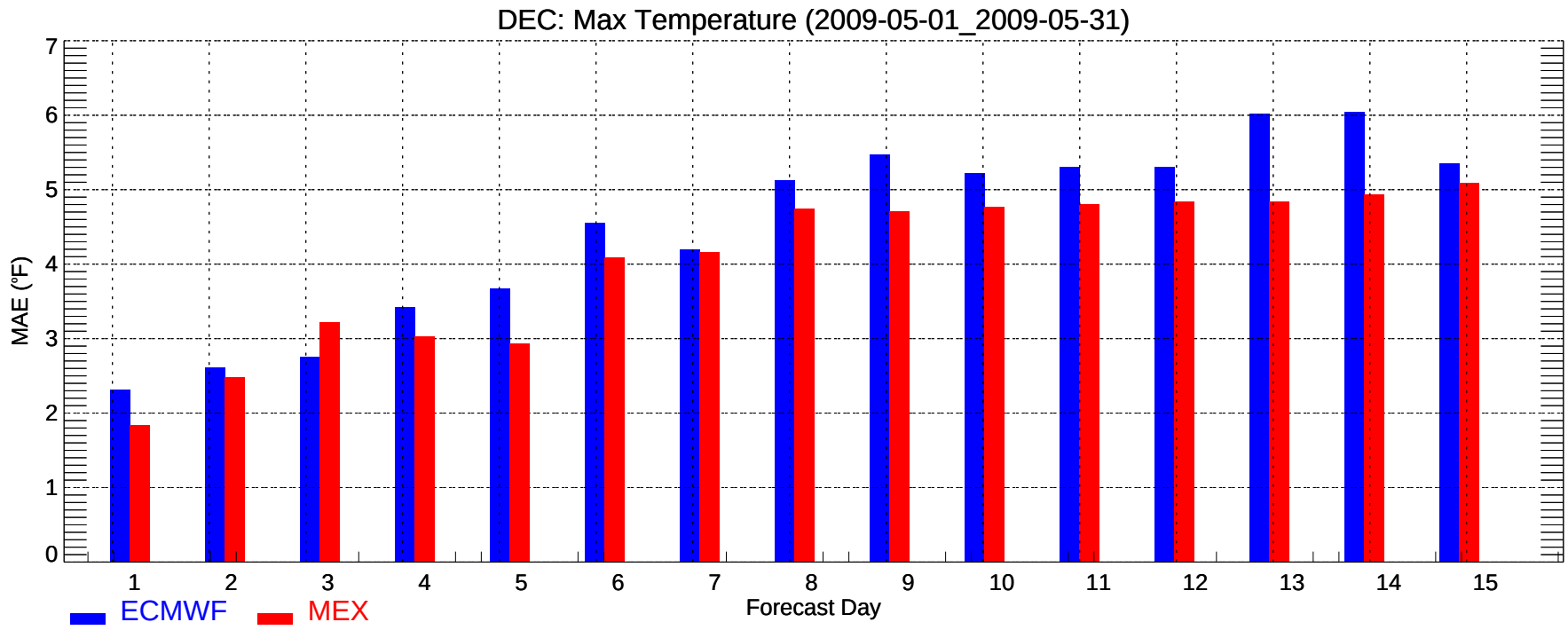
Forecast Day
ECMWF
MEX


DEC: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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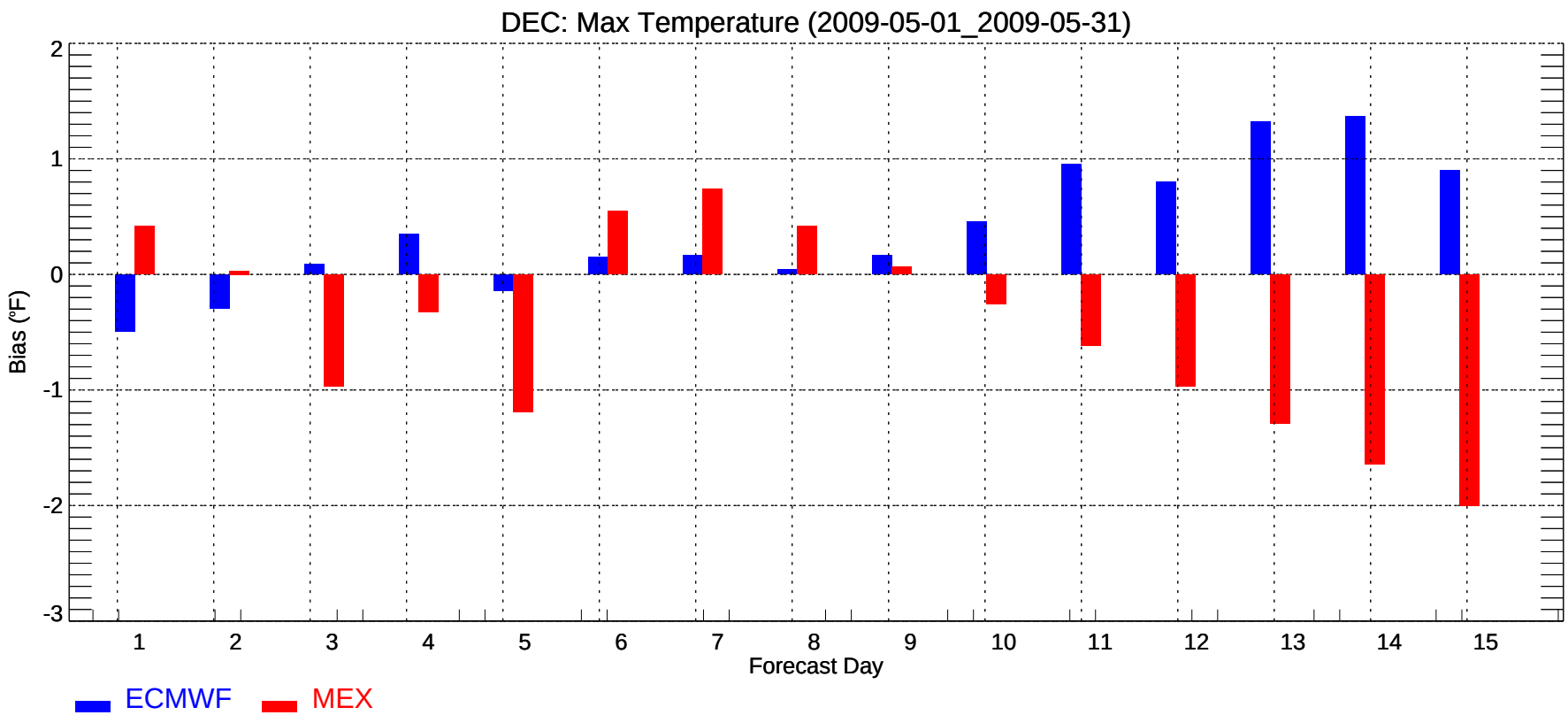
Forecast Day
ECMWF
MEX


DEC: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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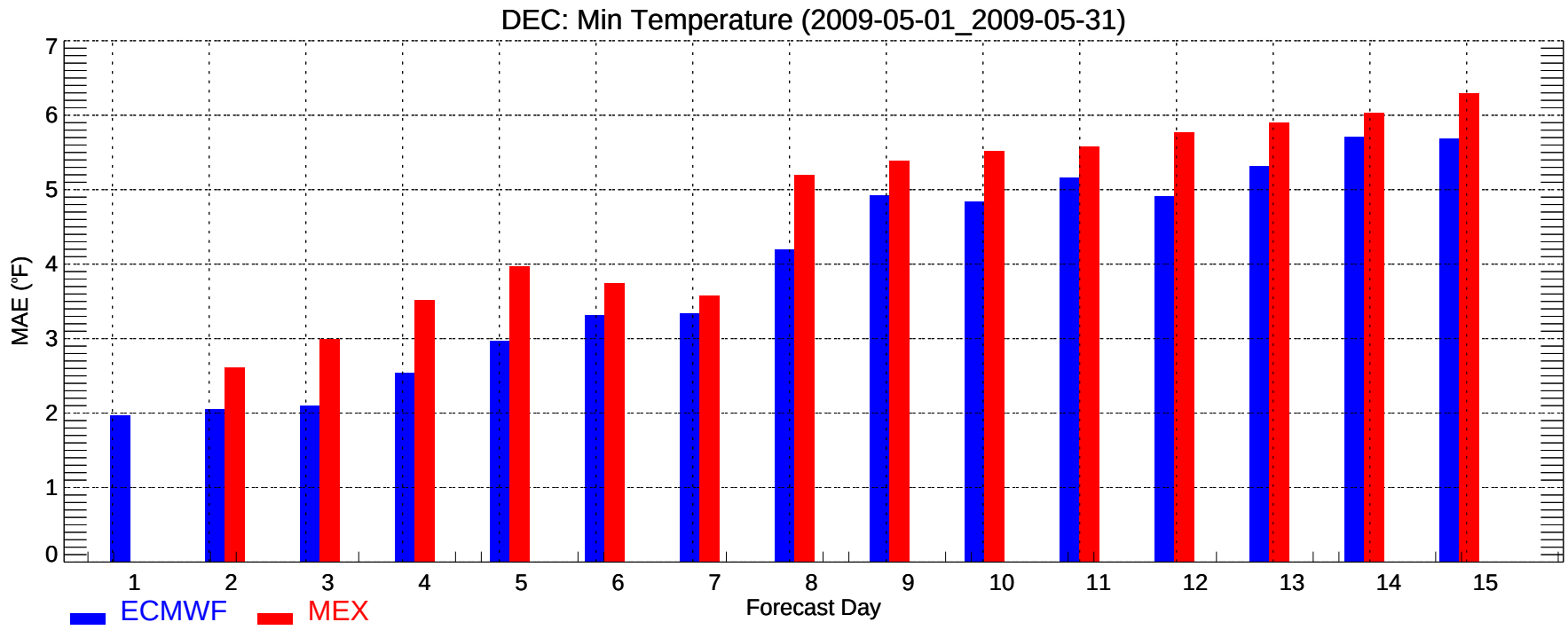
Forecast Day
ECMWF
MEX


DEC: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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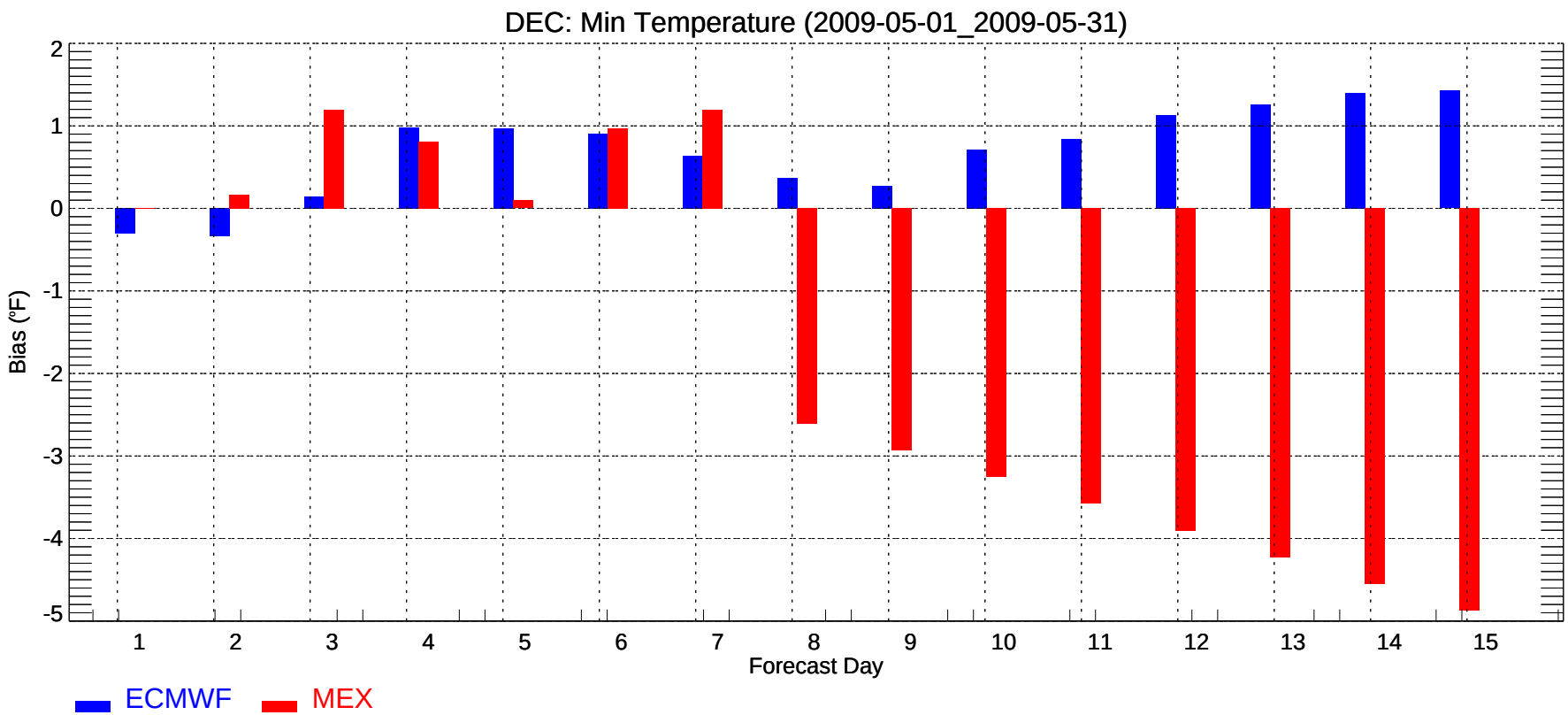
Forecast Day
ECMWF
MEX


DEC: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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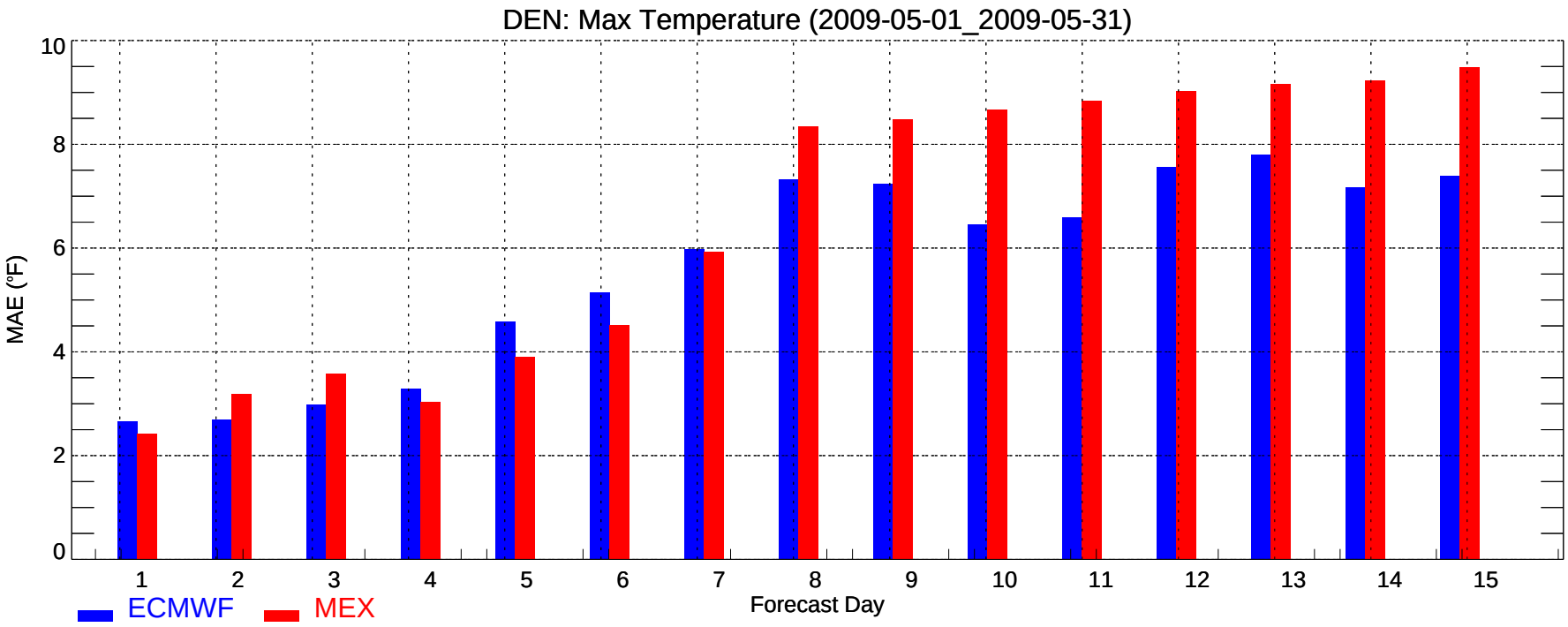
Forecast Day
ECMWF
MEX


DEN: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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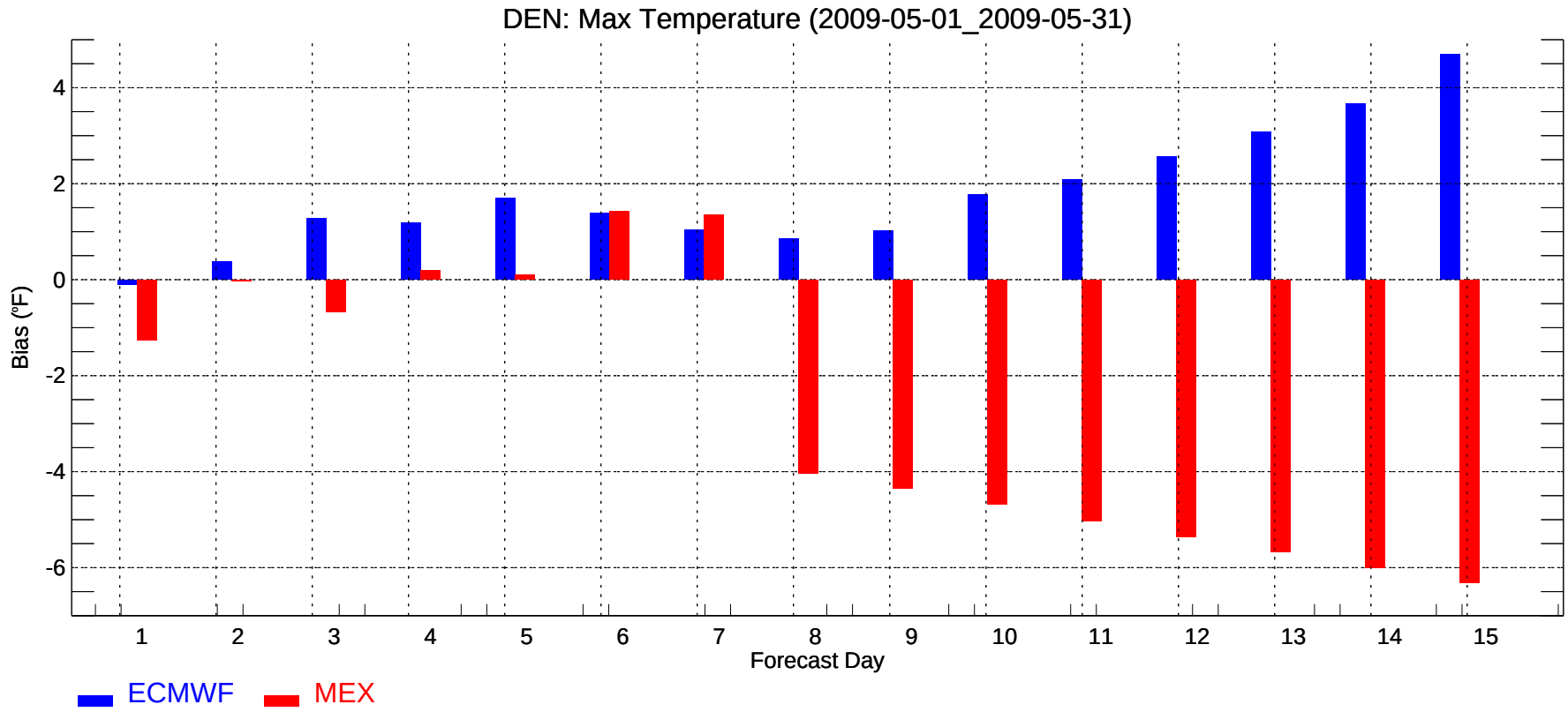
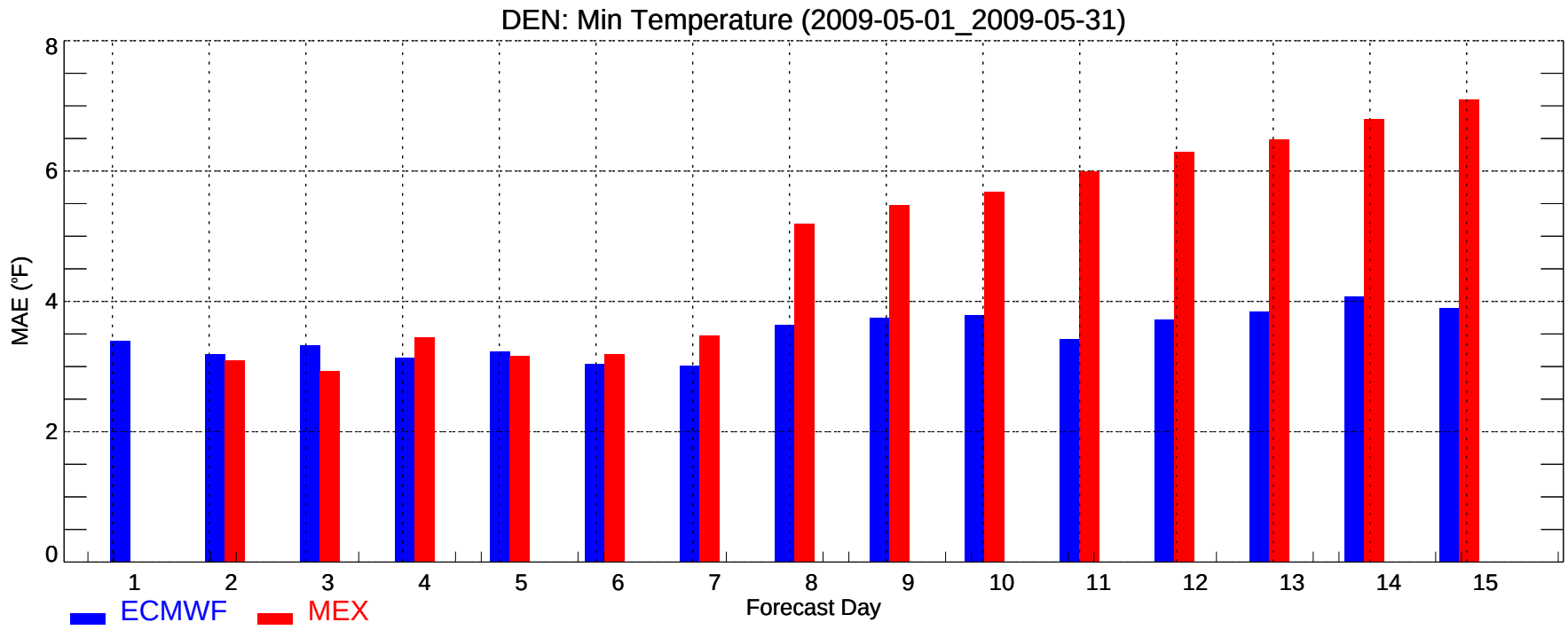
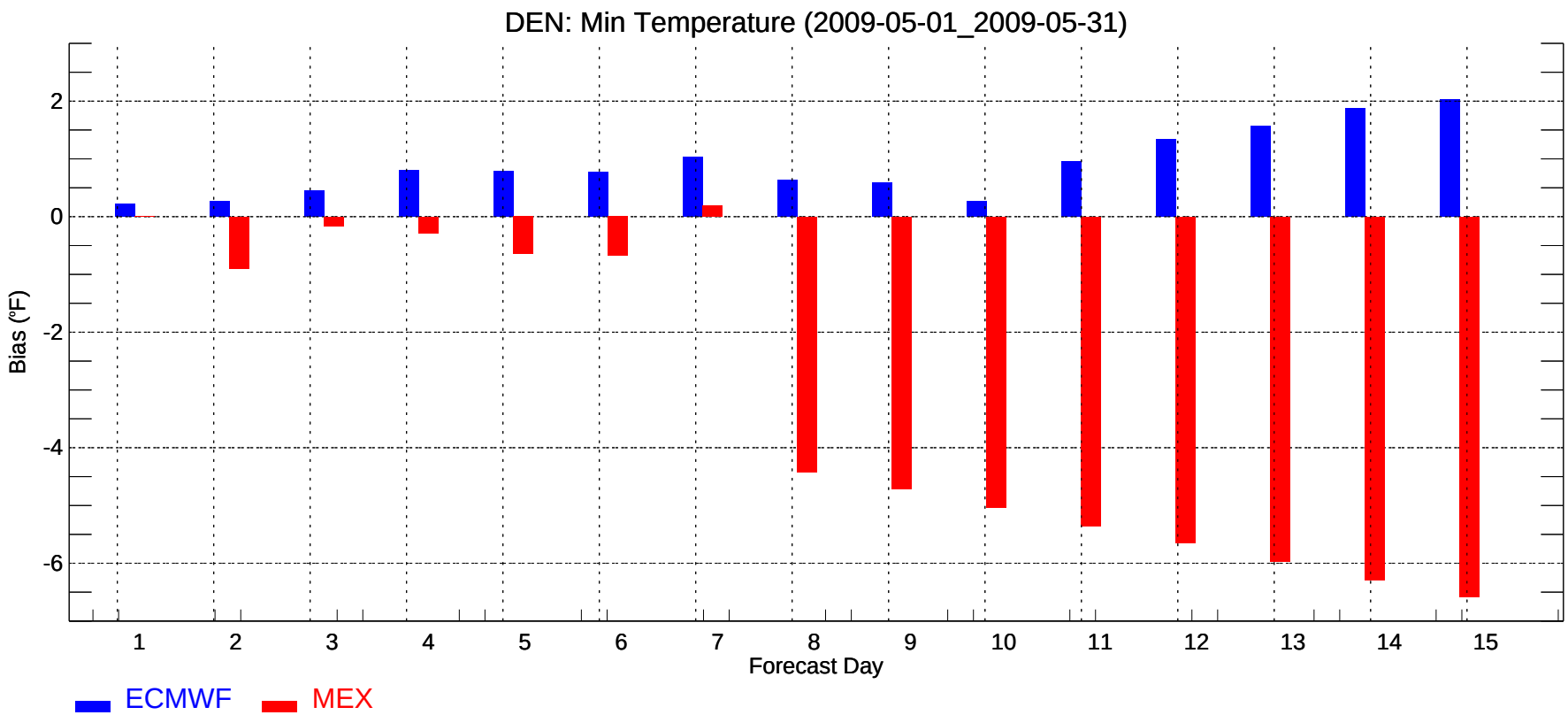
Forecast Day
ECMWF
MEX


DEN: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DEN: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DEN: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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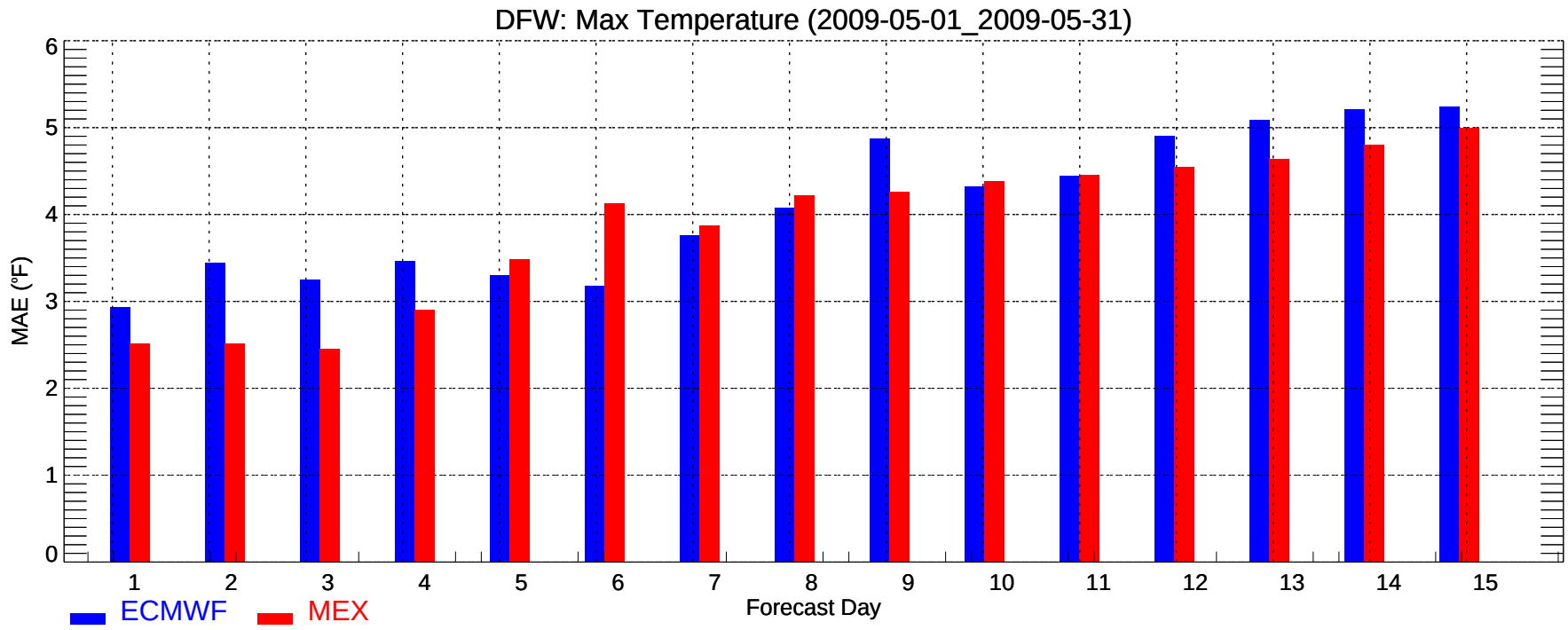
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DFW: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
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5
6
1
2
3
4
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6
7
8
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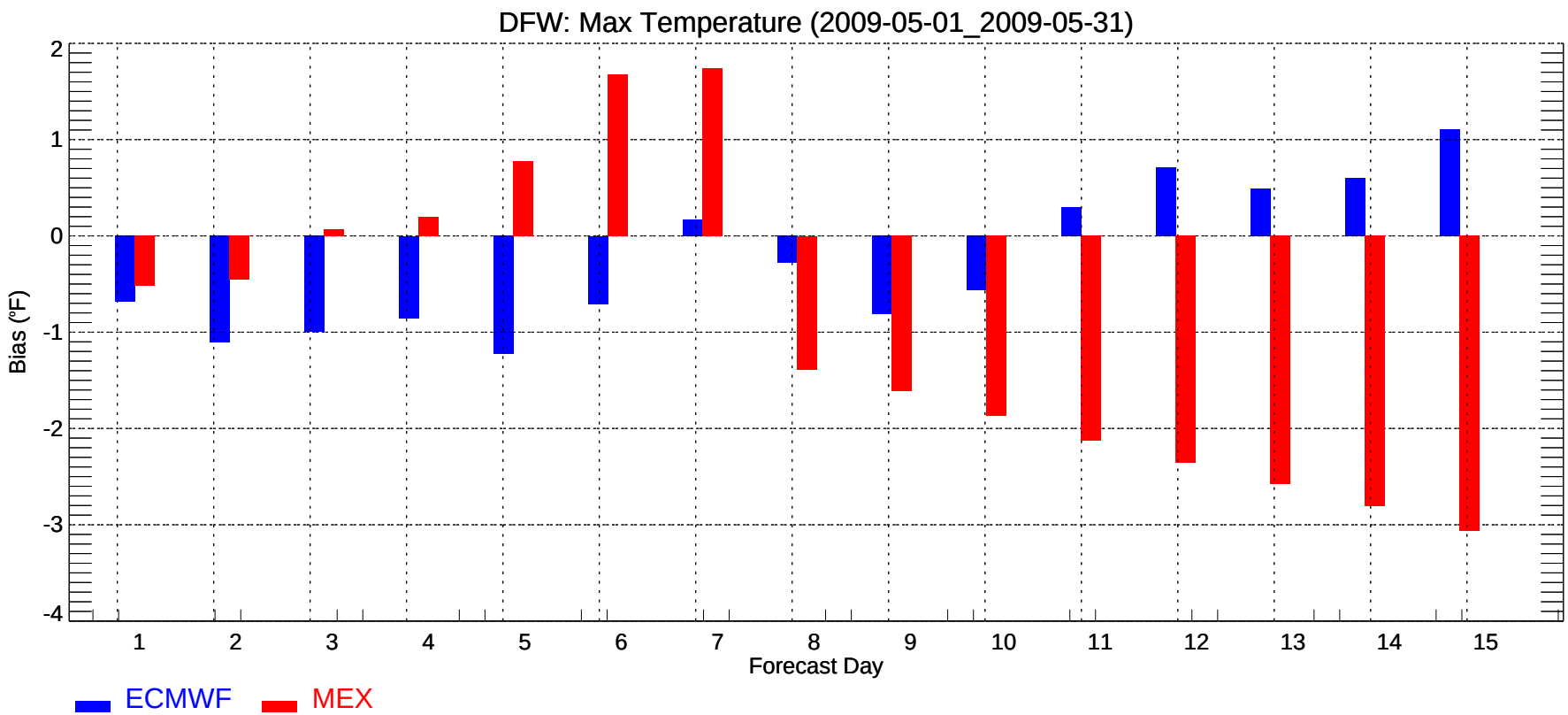
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DFW: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
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8
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10
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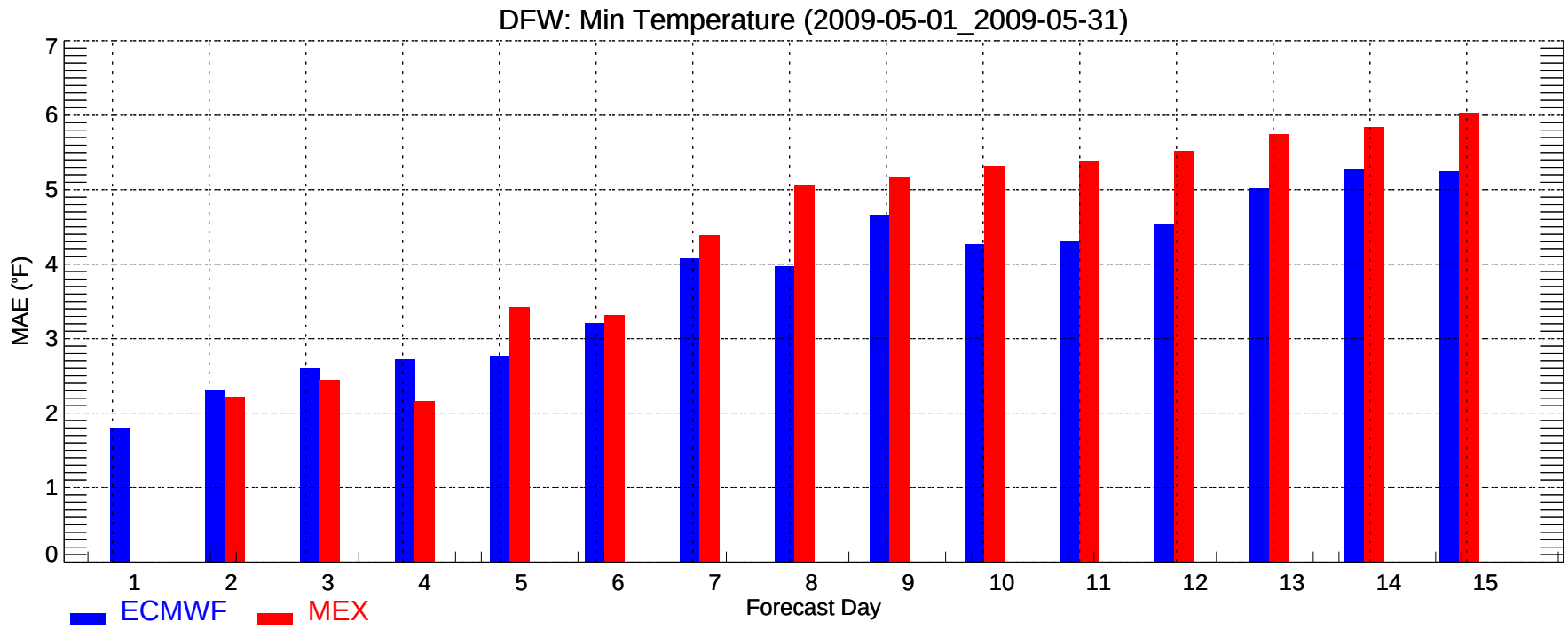
12
13
14
15
Forecast Day
ECMWF
MEX


DFW: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
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8
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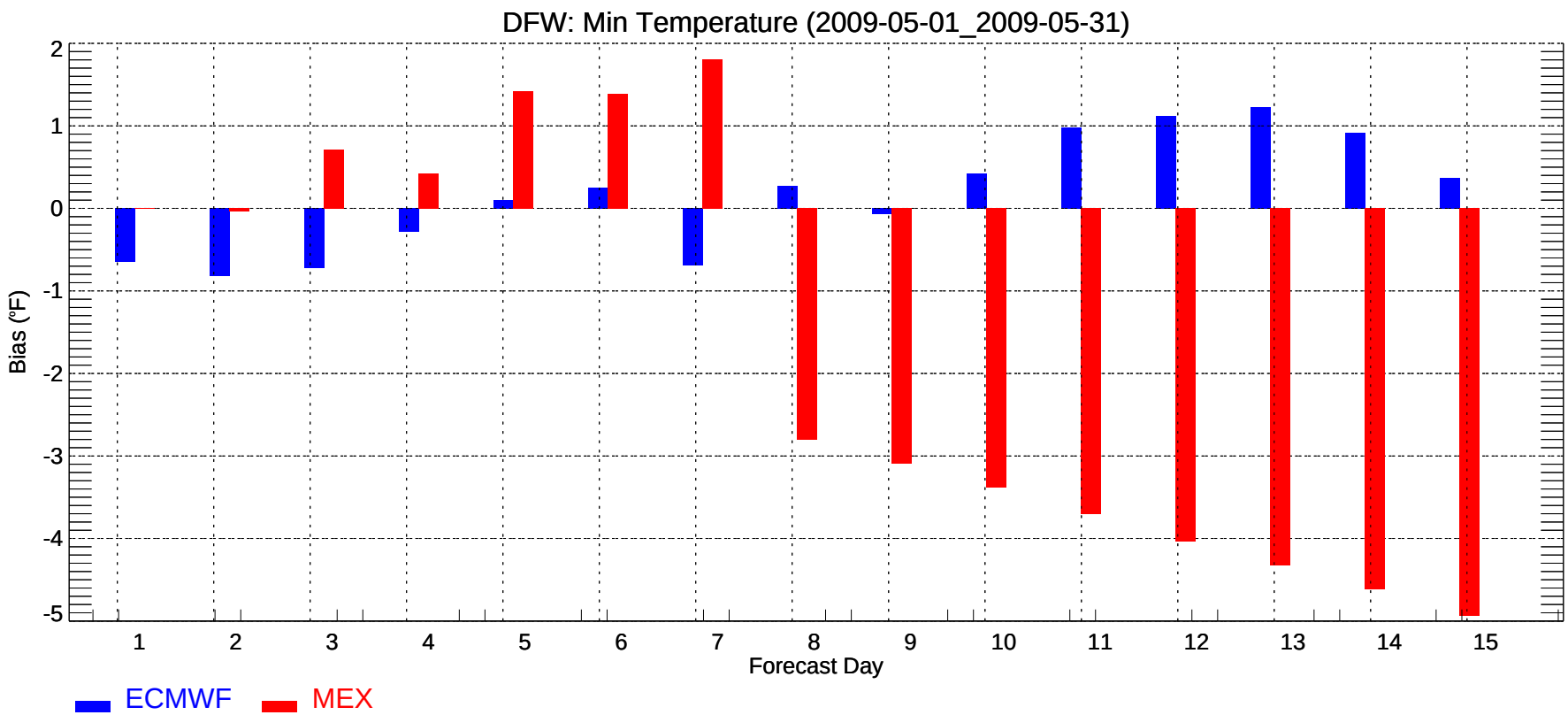
Forecast Day
ECMWF
MEX


DFW: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
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8
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13
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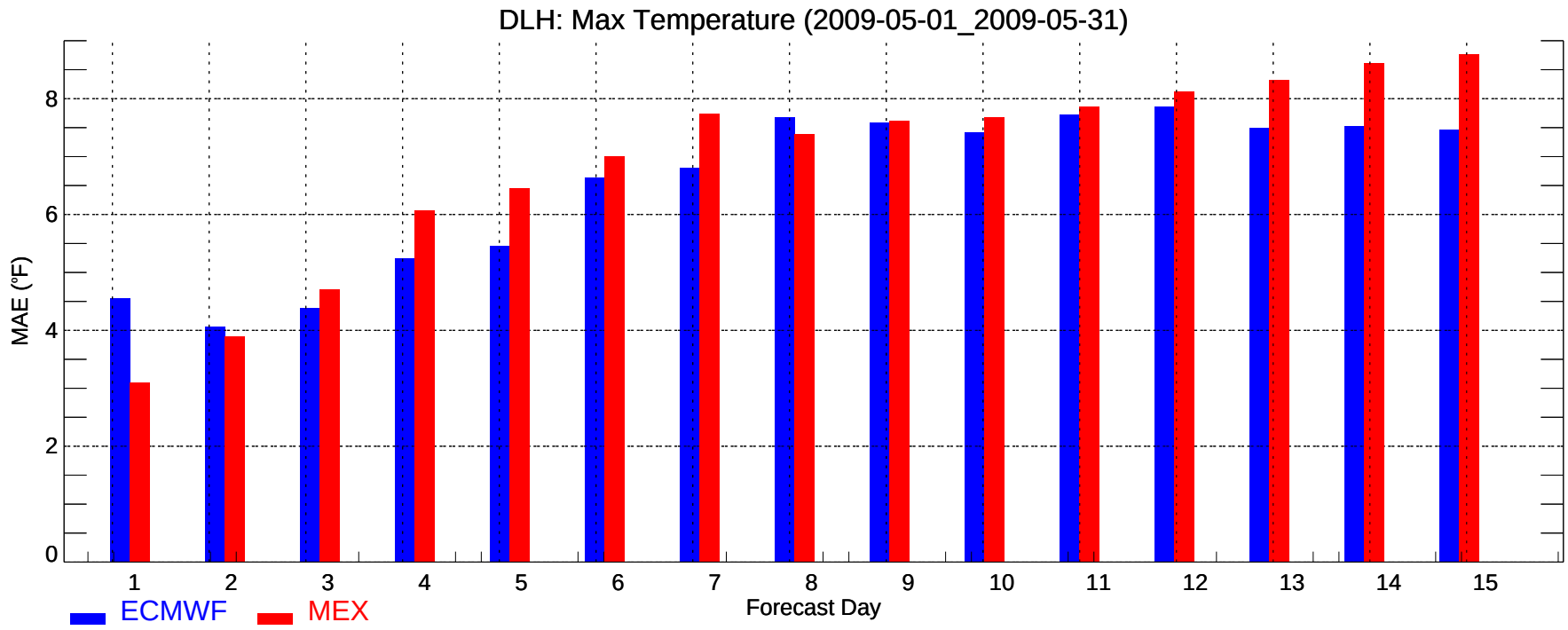
Forecast Day
ECMWF
MEX


DLH: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
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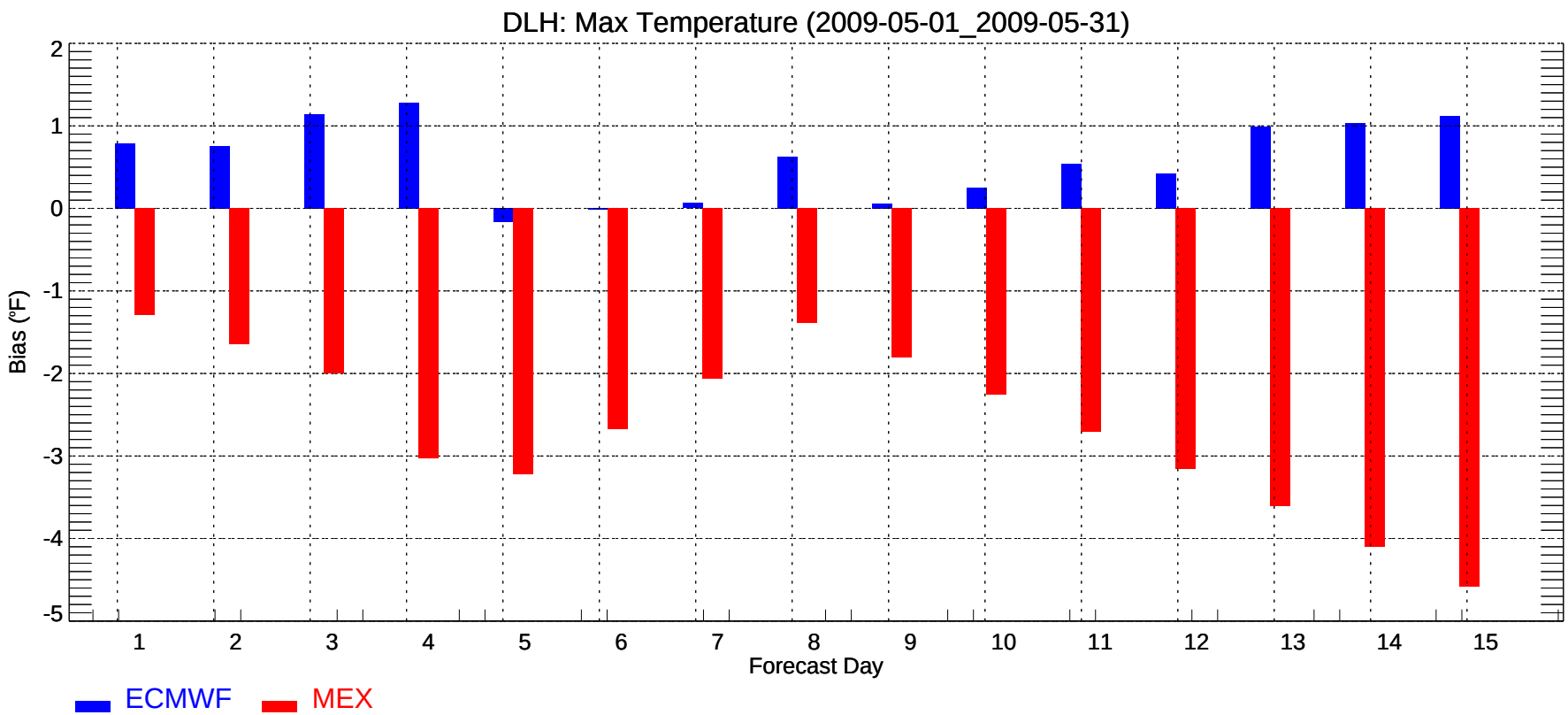
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DLH: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
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-5
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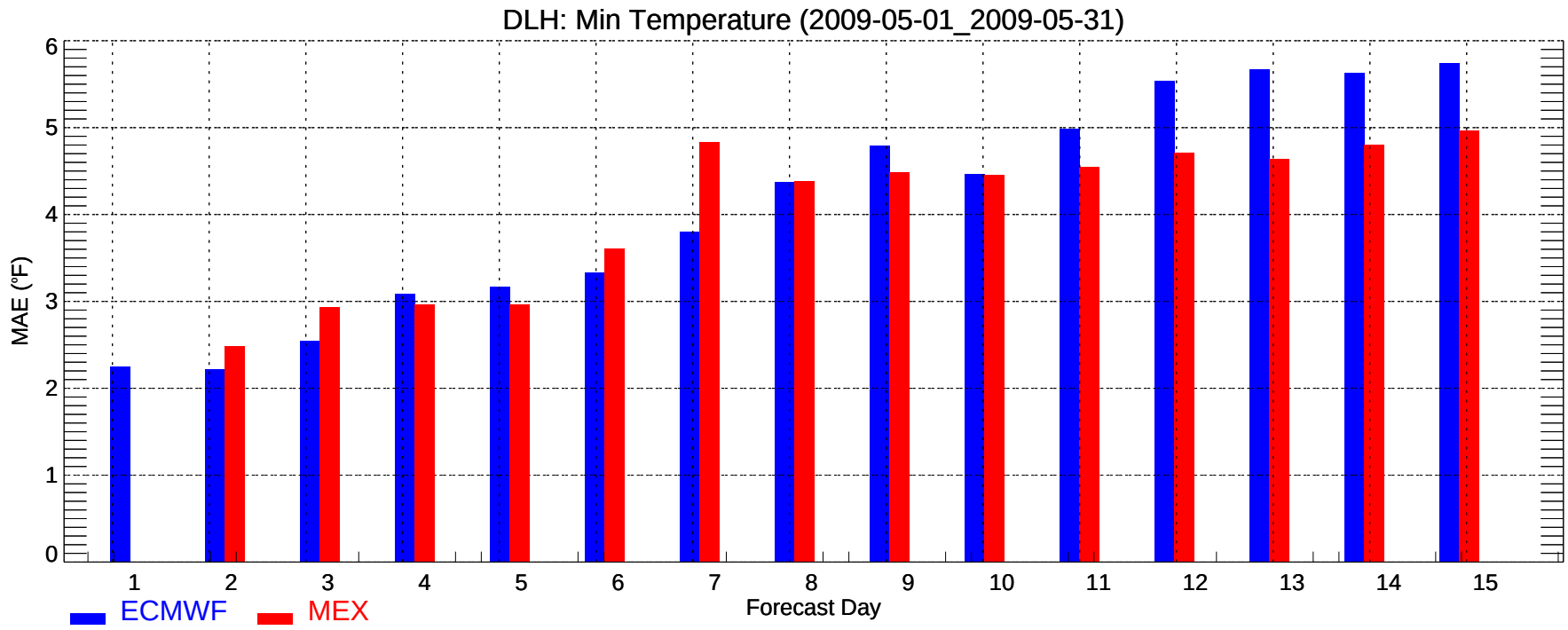
Forecast Day
ECMWF
MEX


DLH: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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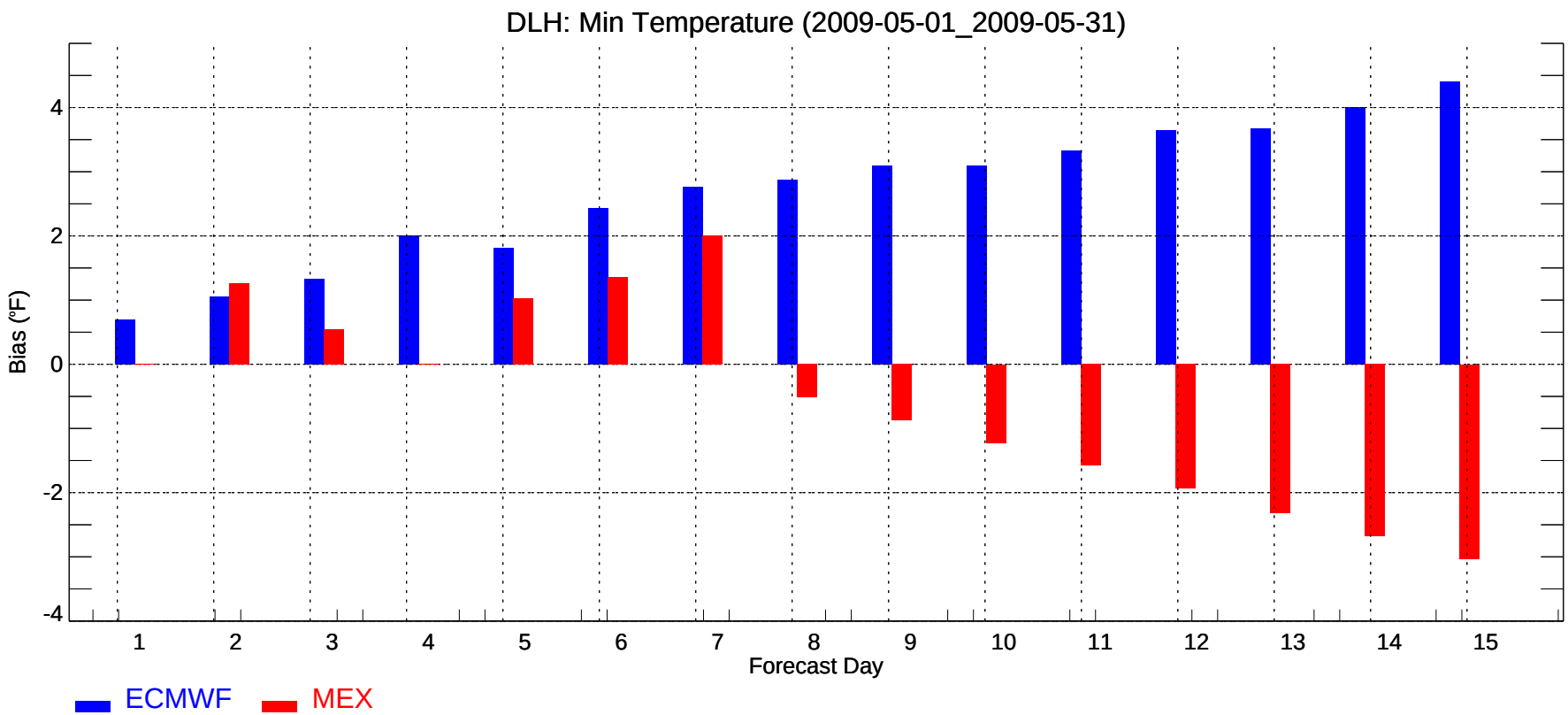
Forecast Day
ECMWF
MEX


DLH: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
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-4
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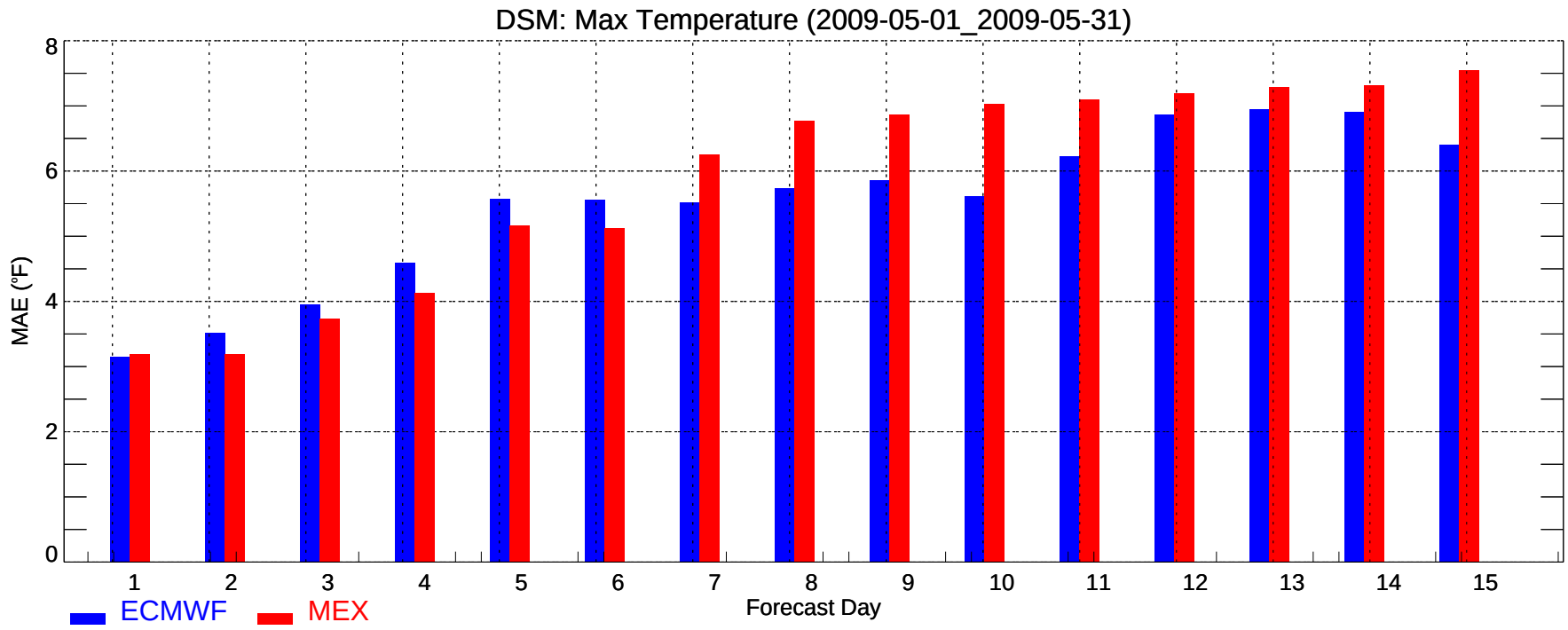
Forecast Day
ECMWF
MEX


DSM: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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14
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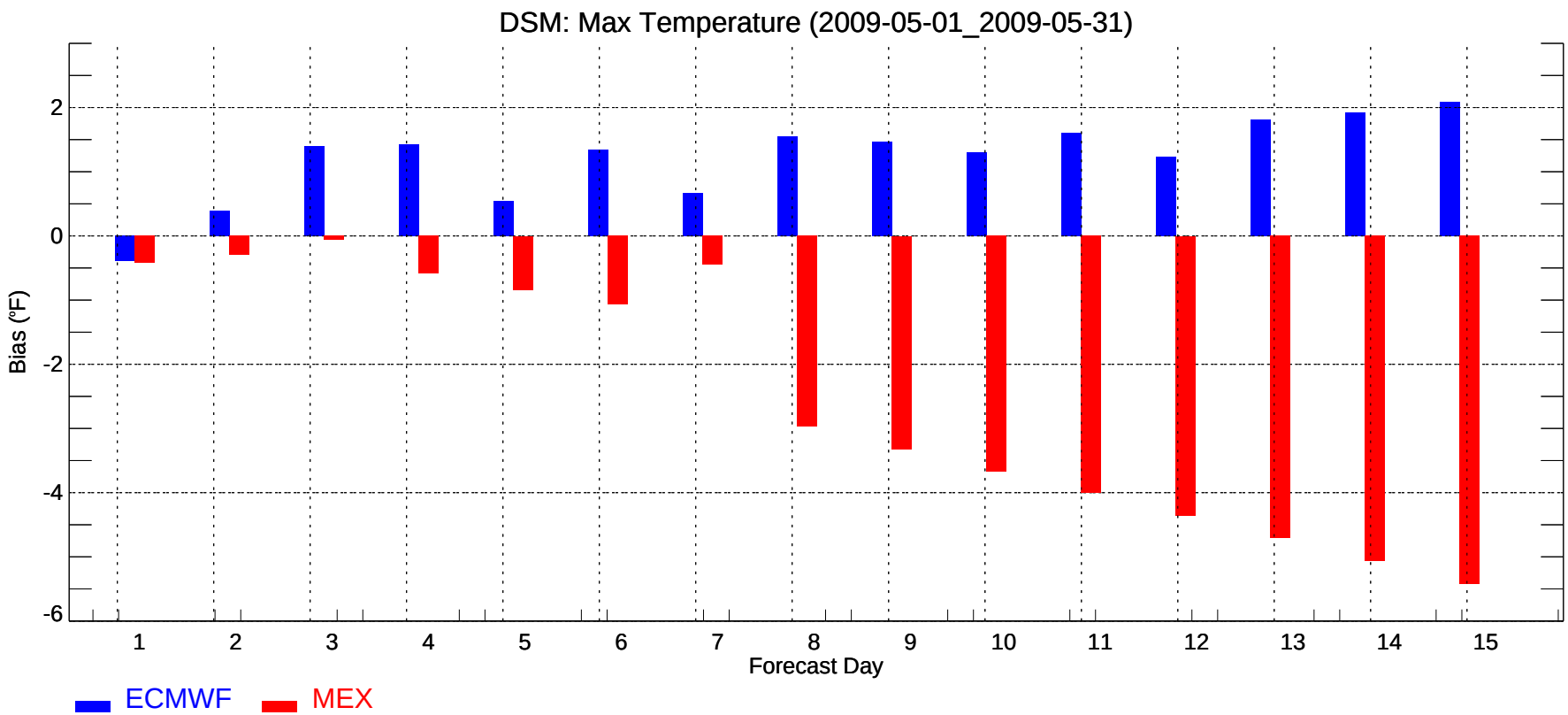
Forecast Day
ECMWF
MEX


DSM: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-6
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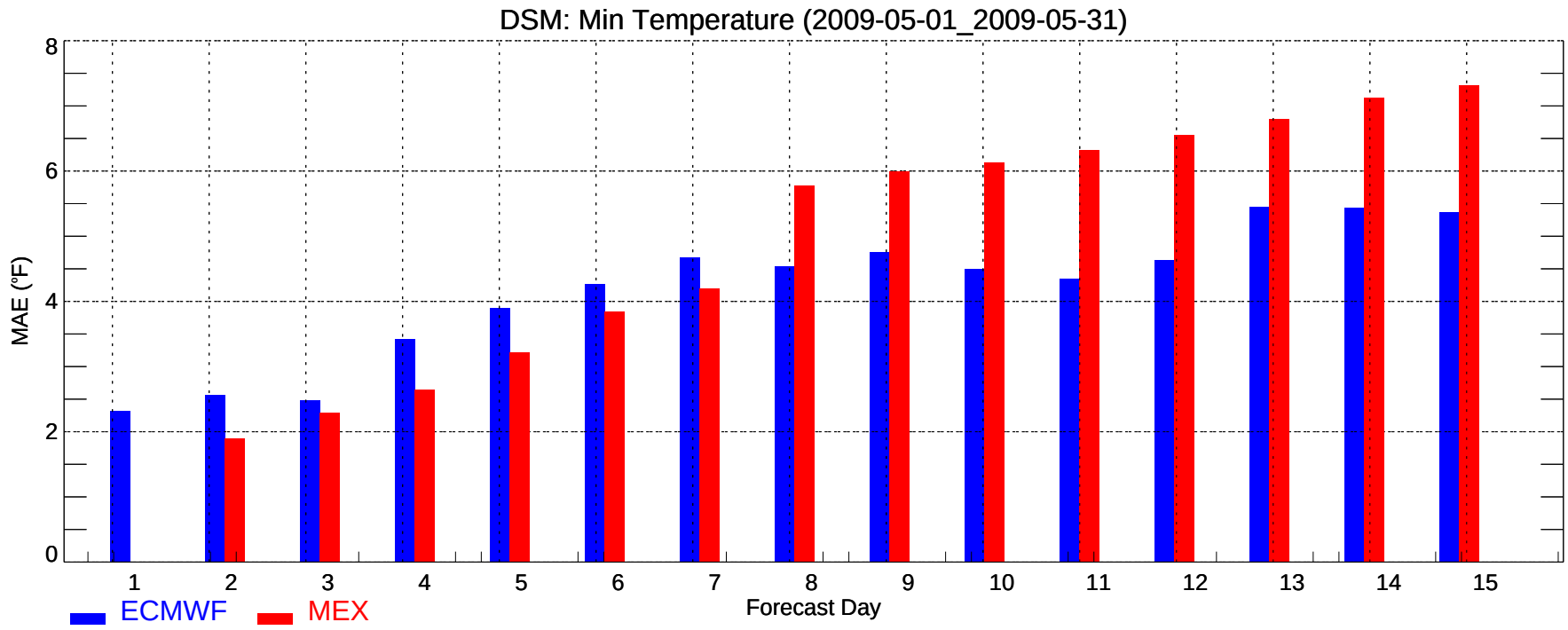
Forecast Day
ECMWF
MEX


DSM: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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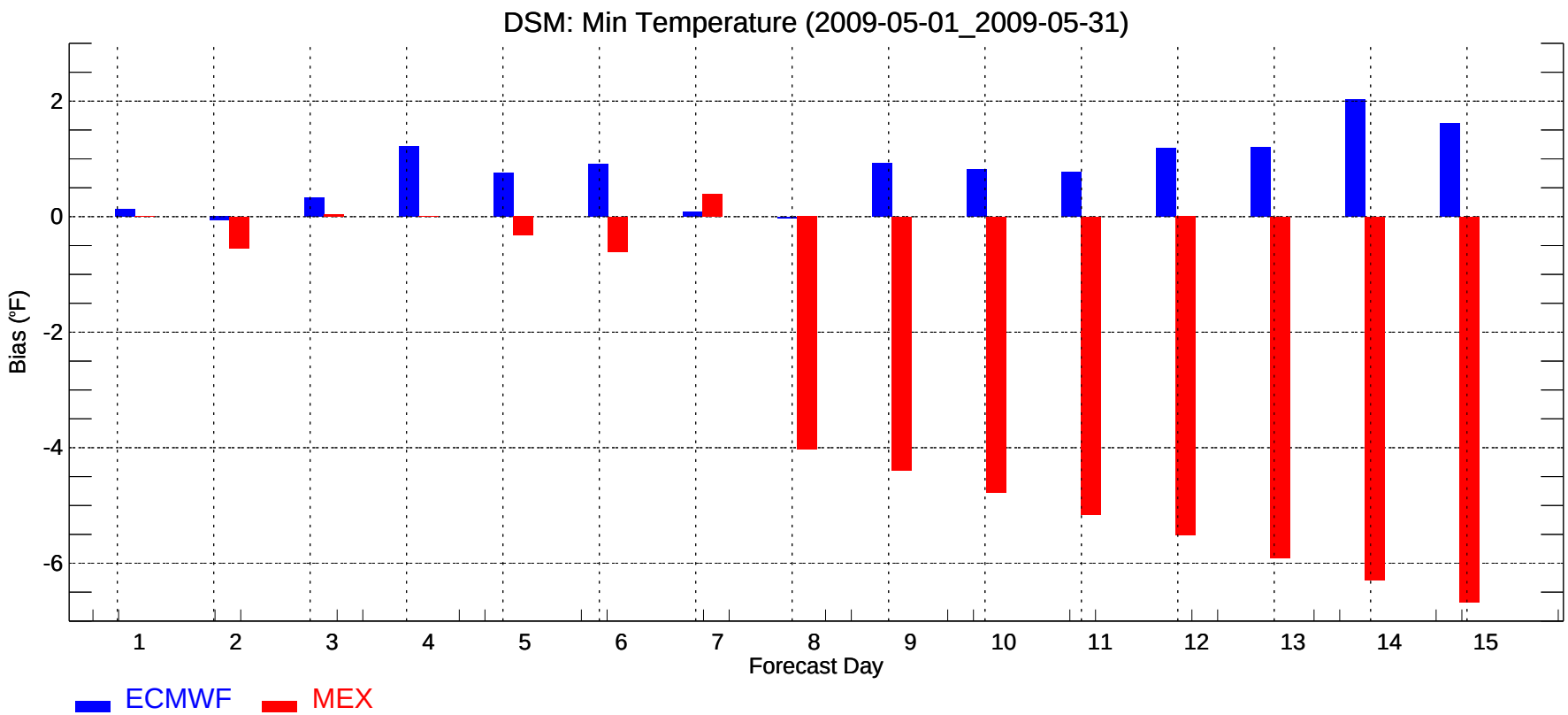
Forecast Day
ECMWF
MEX


DSM: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-6
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14
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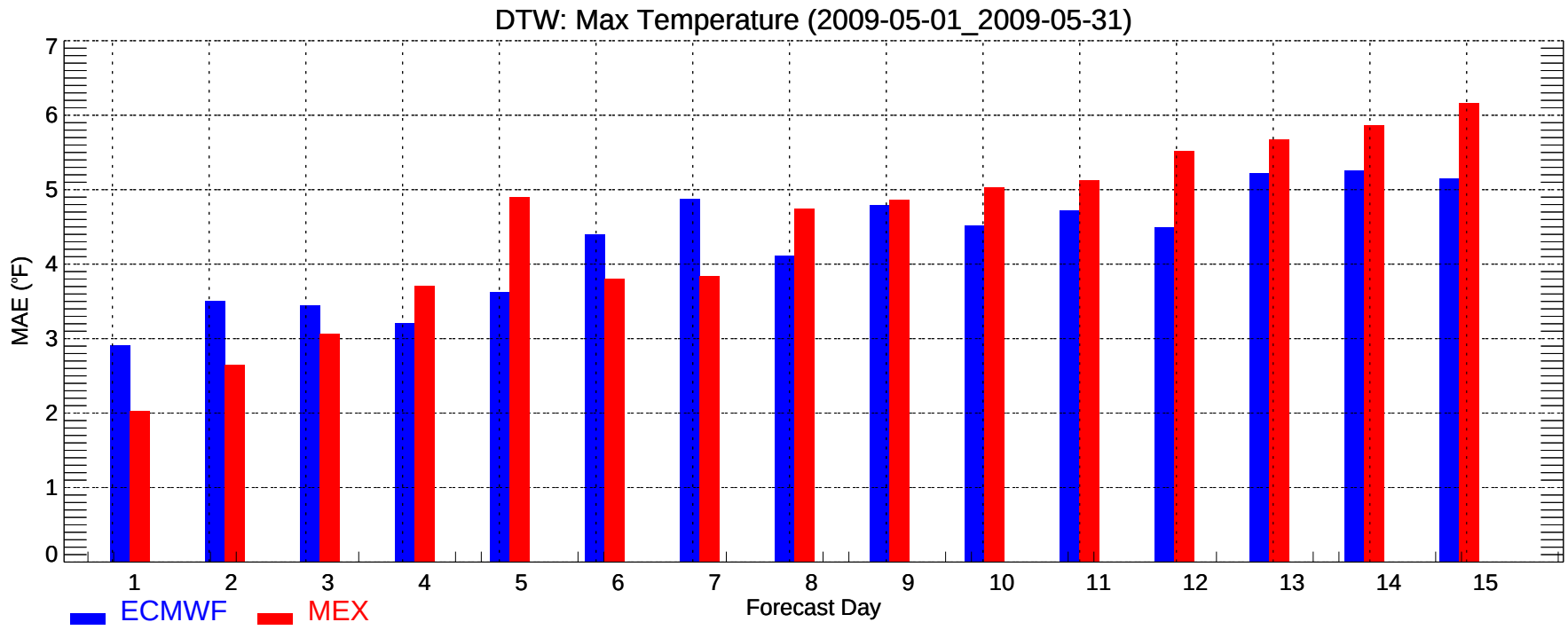
Forecast Day
ECMWF
MEX


DTW: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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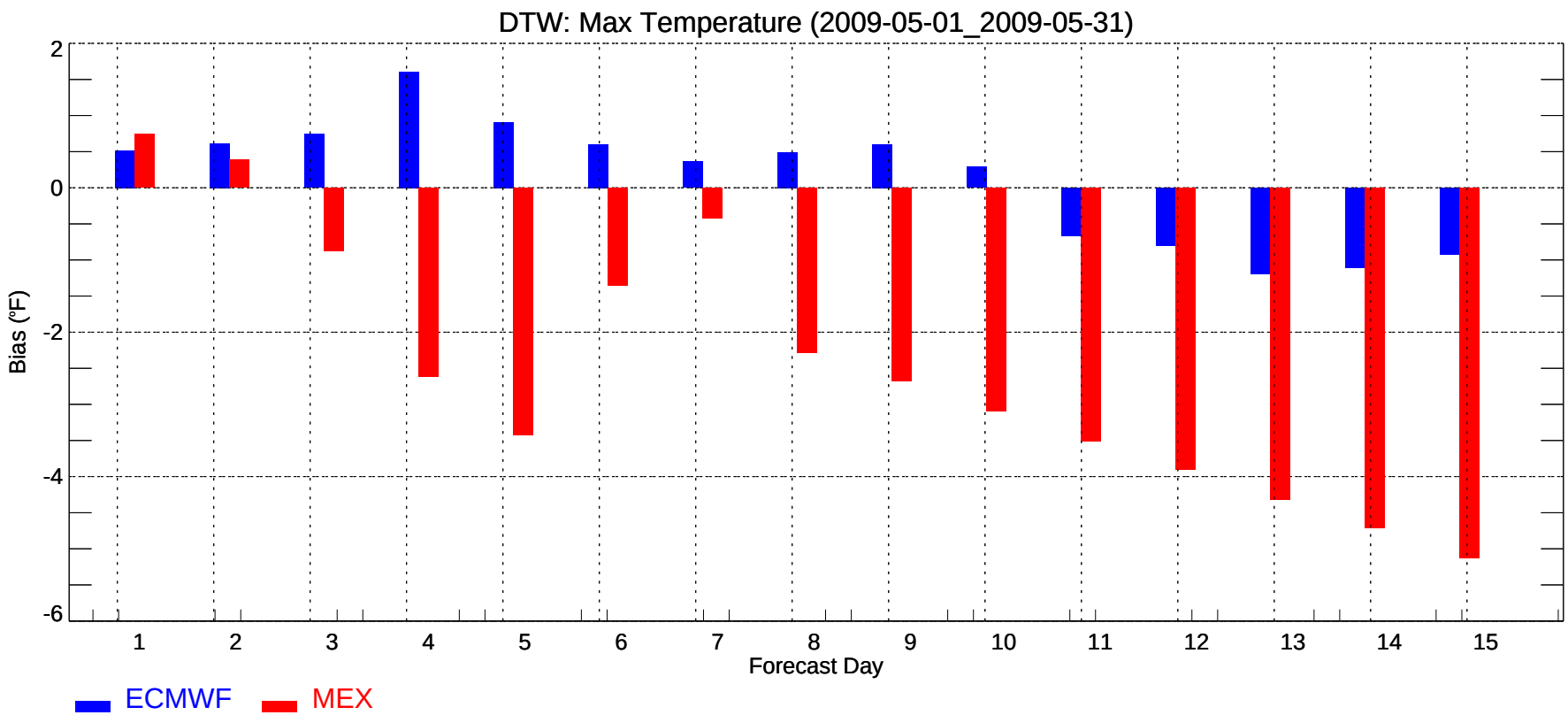
Forecast Day
ECMWF
MEX


DTW: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
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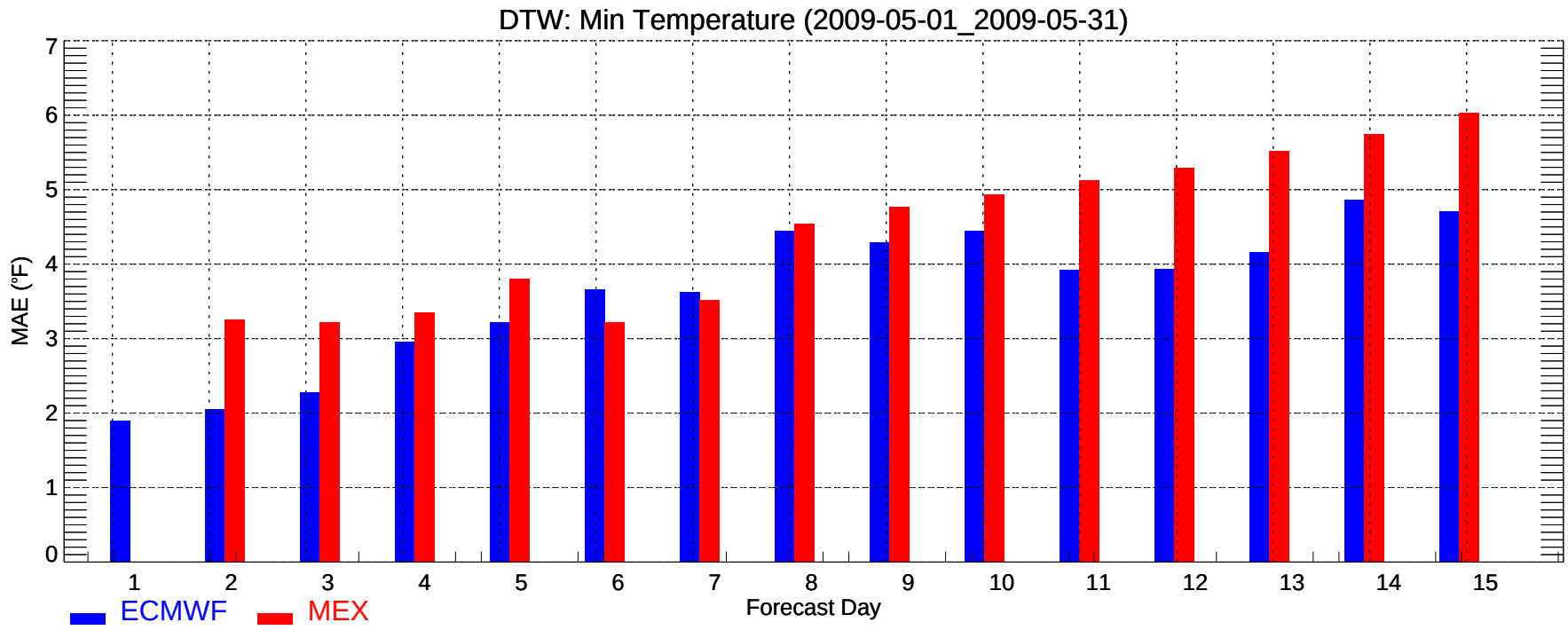
Forecast Day
ECMWF
MEX


DTW: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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7
1
2
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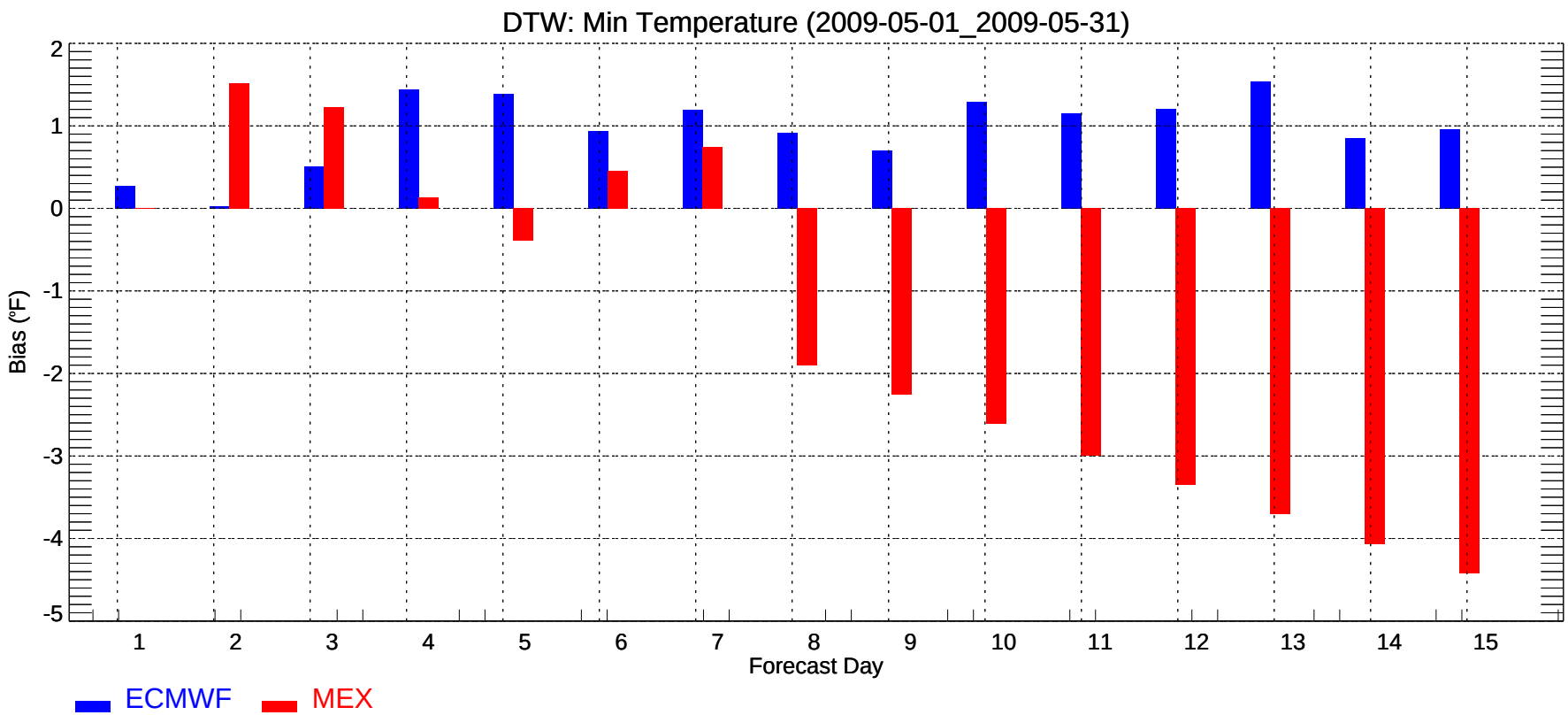
Forecast Day
ECMWF
MEX


DTW: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
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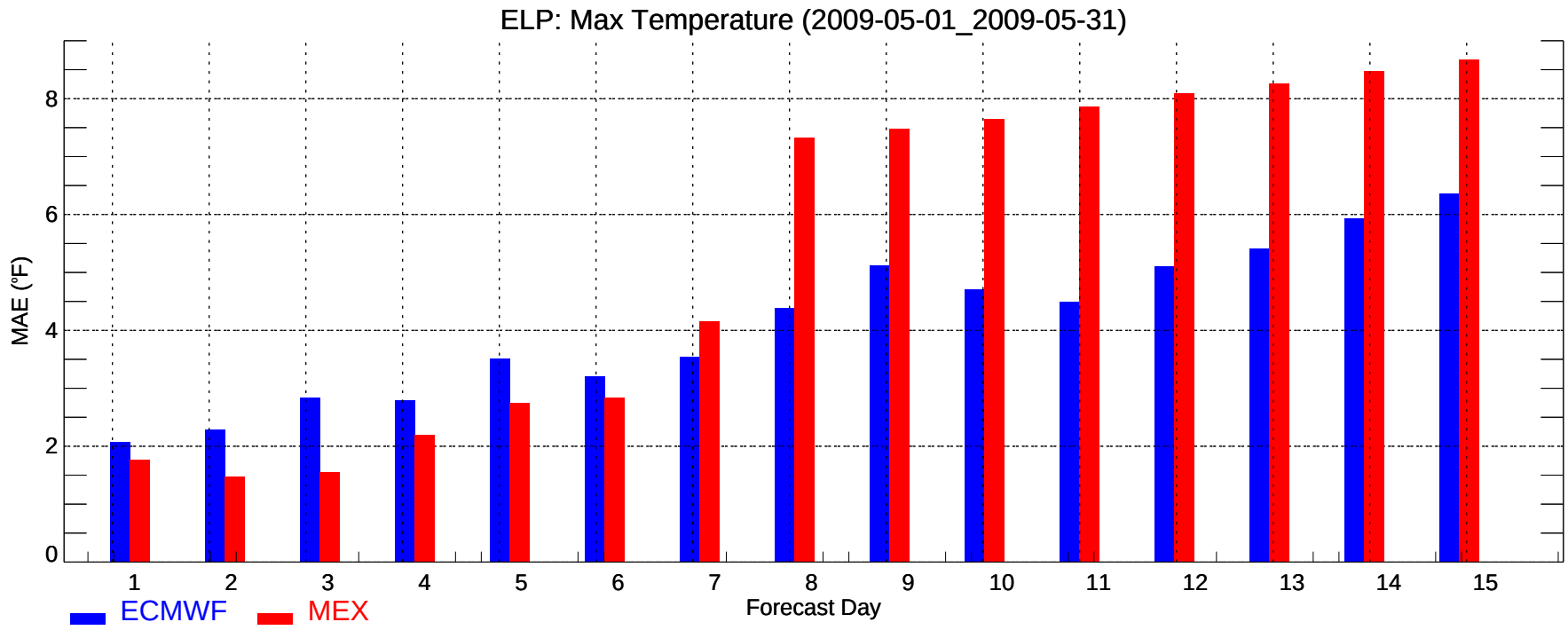
Forecast Day
ECMWF
MEX


ELP: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
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2
3
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7
8
9
10
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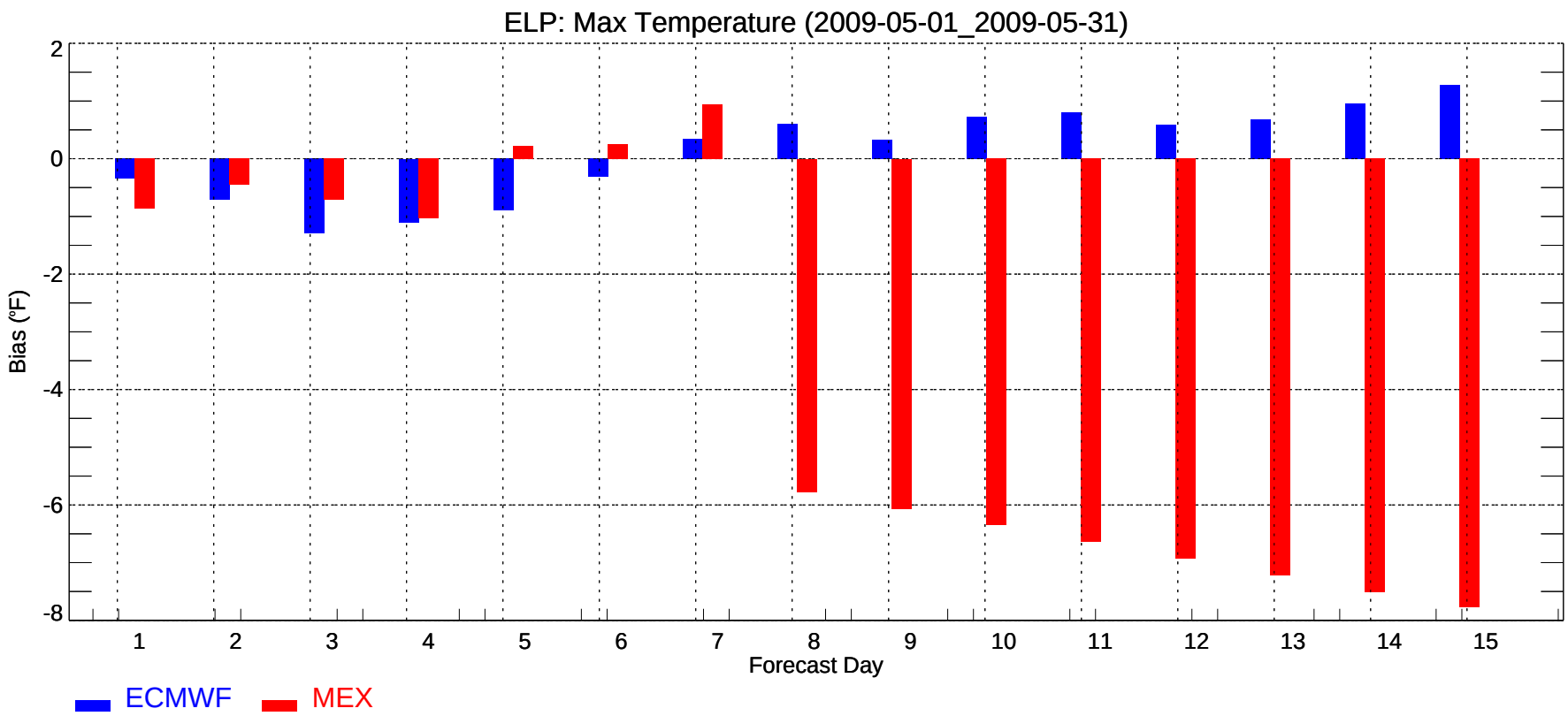
12
13
14
15
Forecast Day
ECMWF
MEX


ELP: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
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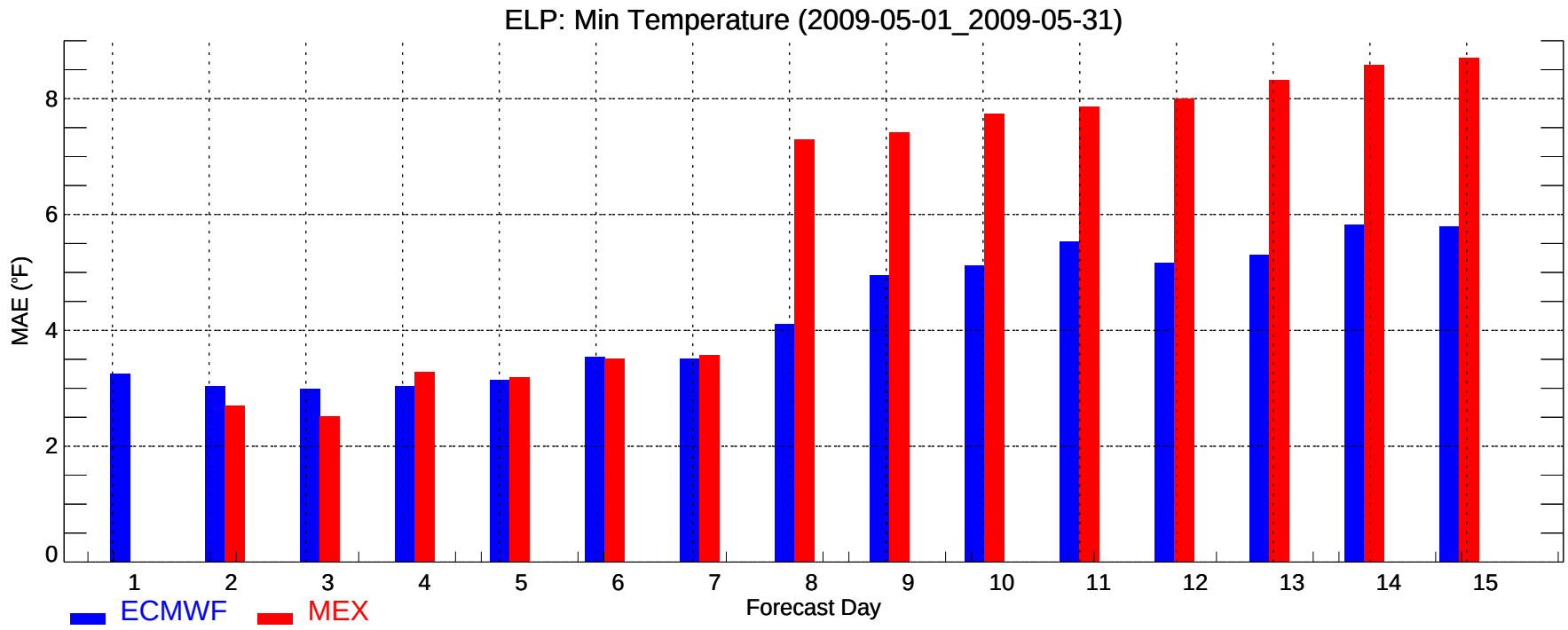
Forecast Day
ECMWF
MEX


ELP: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
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8
1
2
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7
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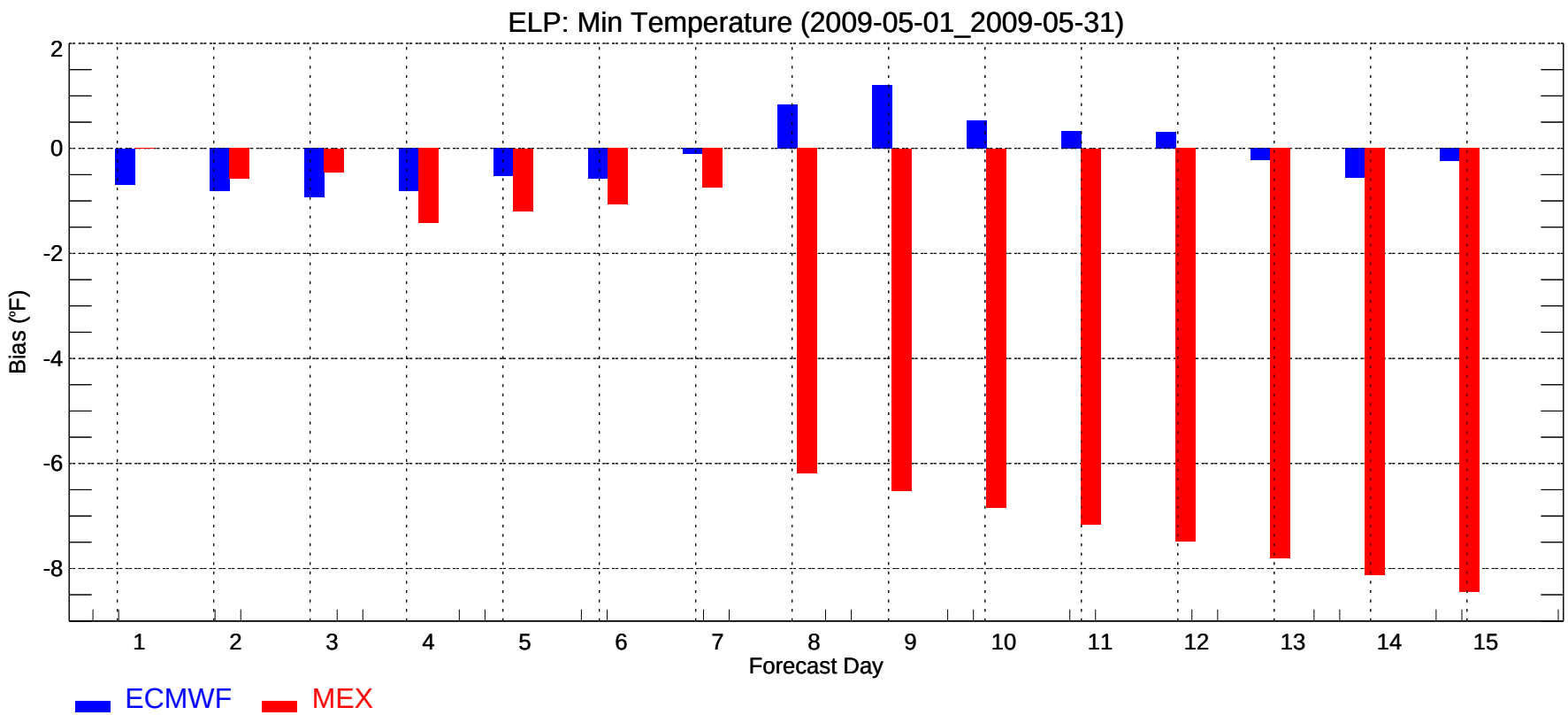
Forecast Day
ECMWF
MEX


ELP: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
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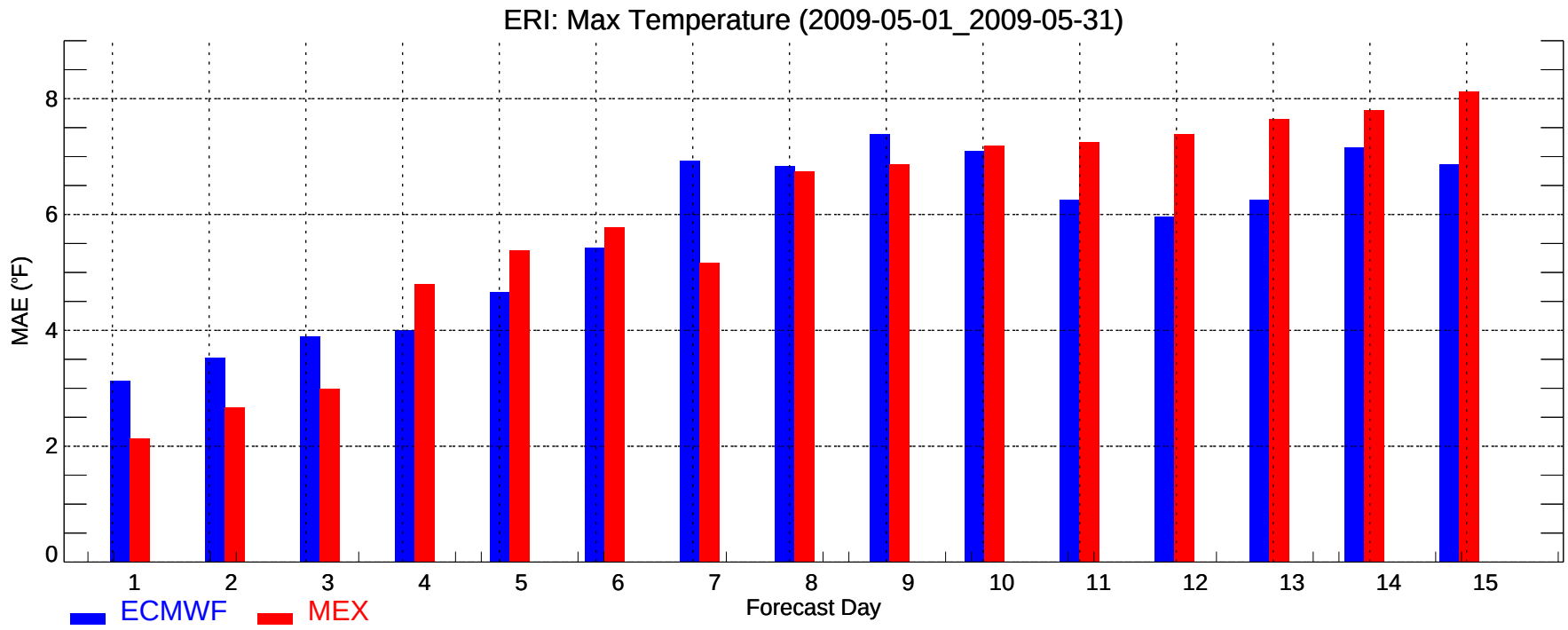
Forecast Day
ECMWF
MEX


ERI: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
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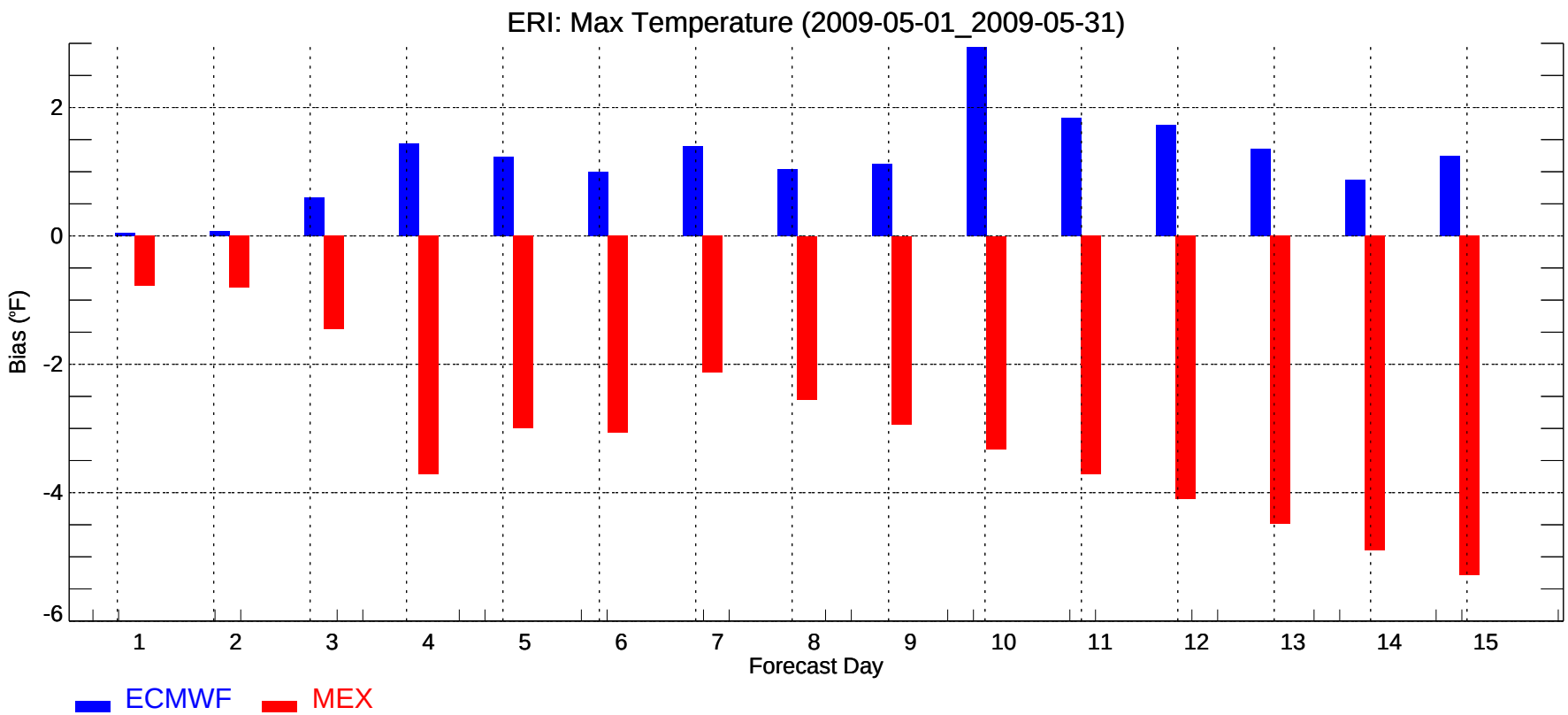
13
14
15
Forecast Day
ECMWF
MEX


ERI: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
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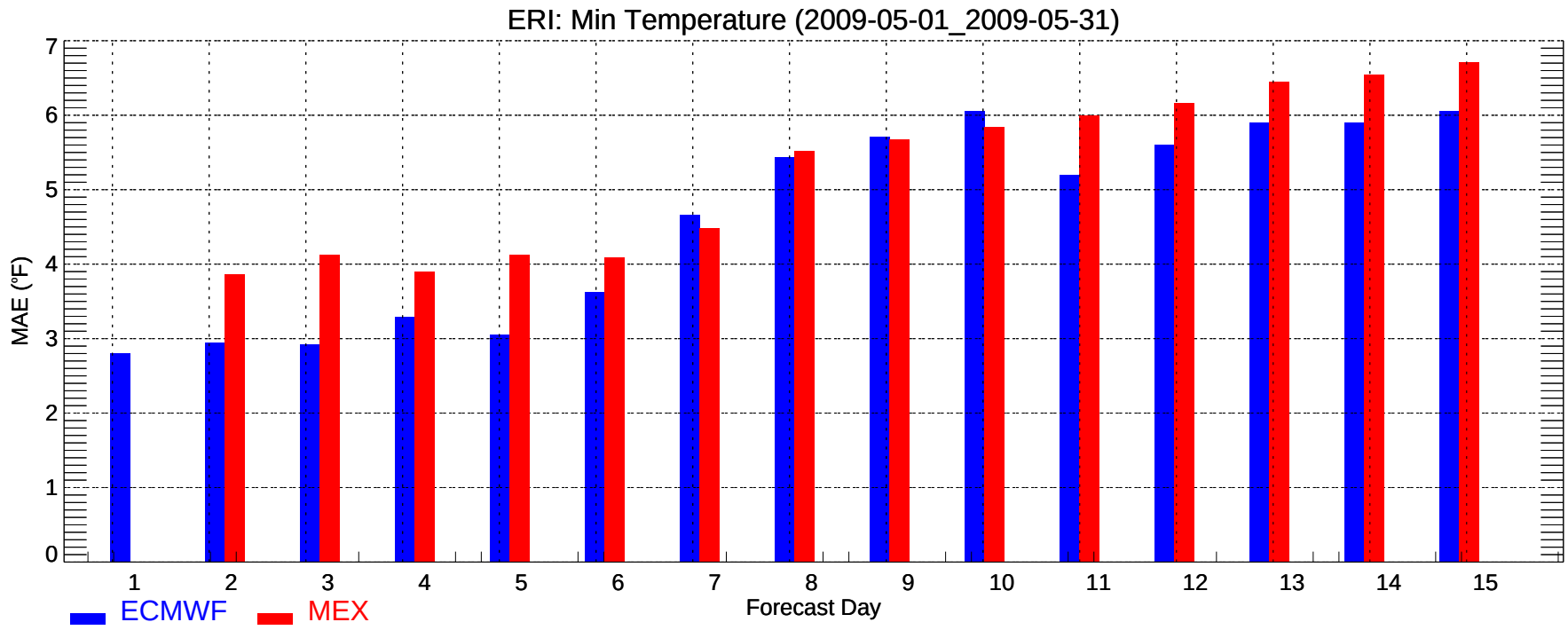
Forecast Day
ECMWF
MEX


ERI: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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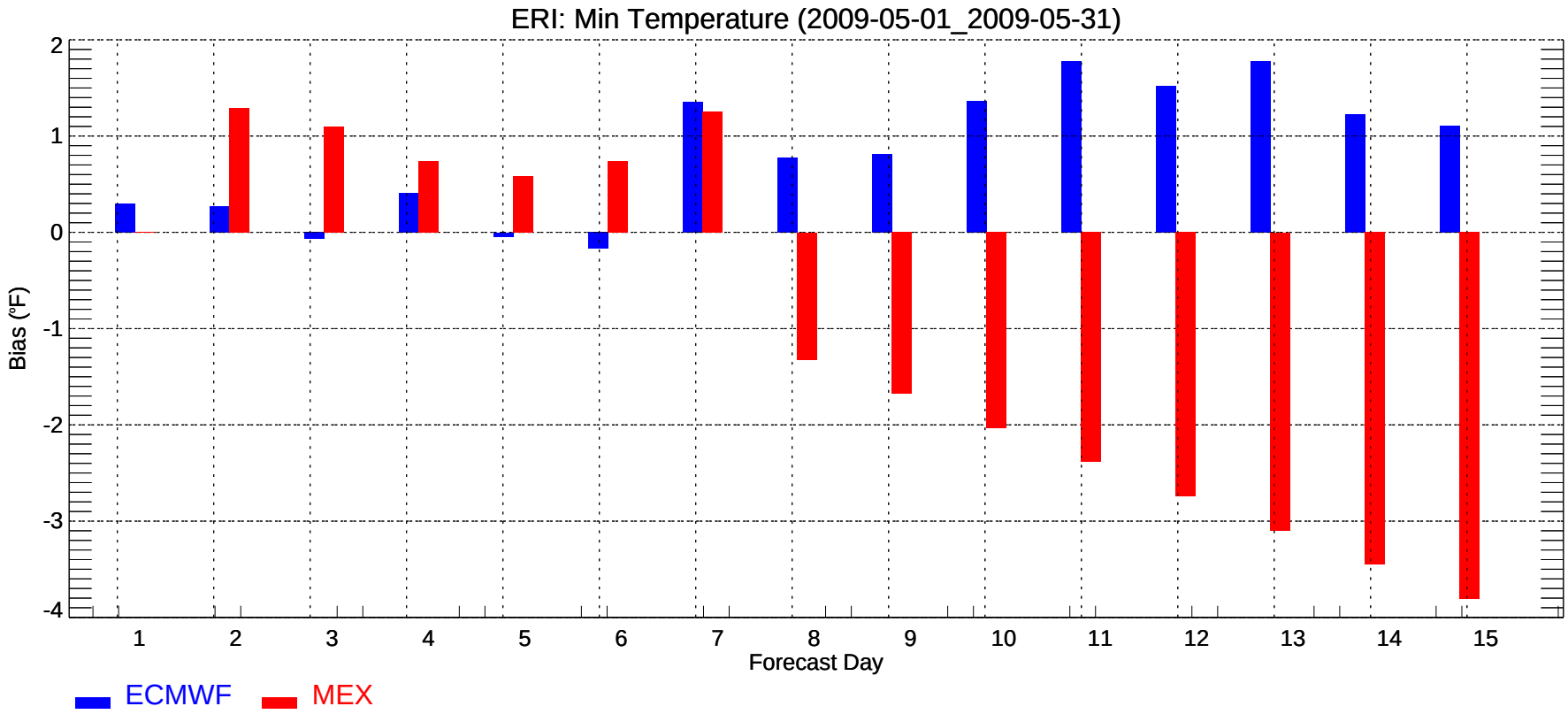
Forecast Day
ECMWF
MEX


ERI: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
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-1
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-3
-4
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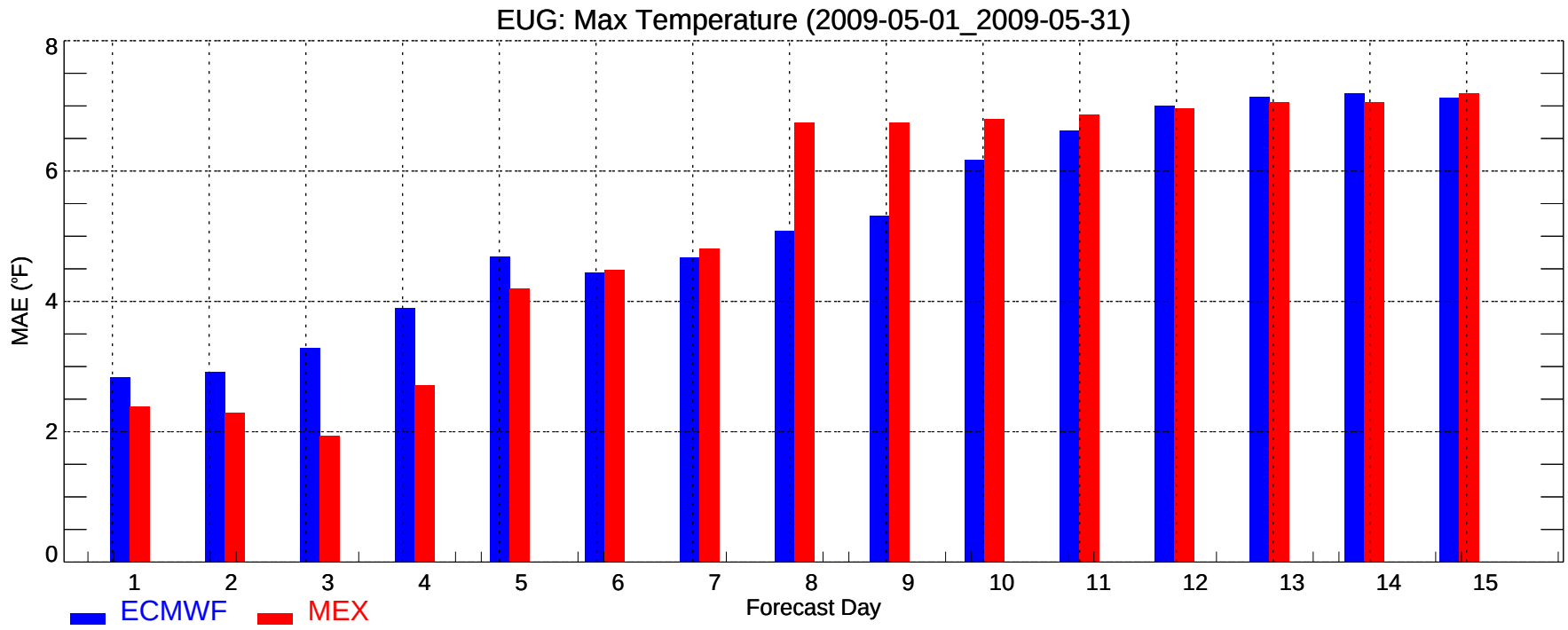
Forecast Day
ECMWF
MEX


EUG: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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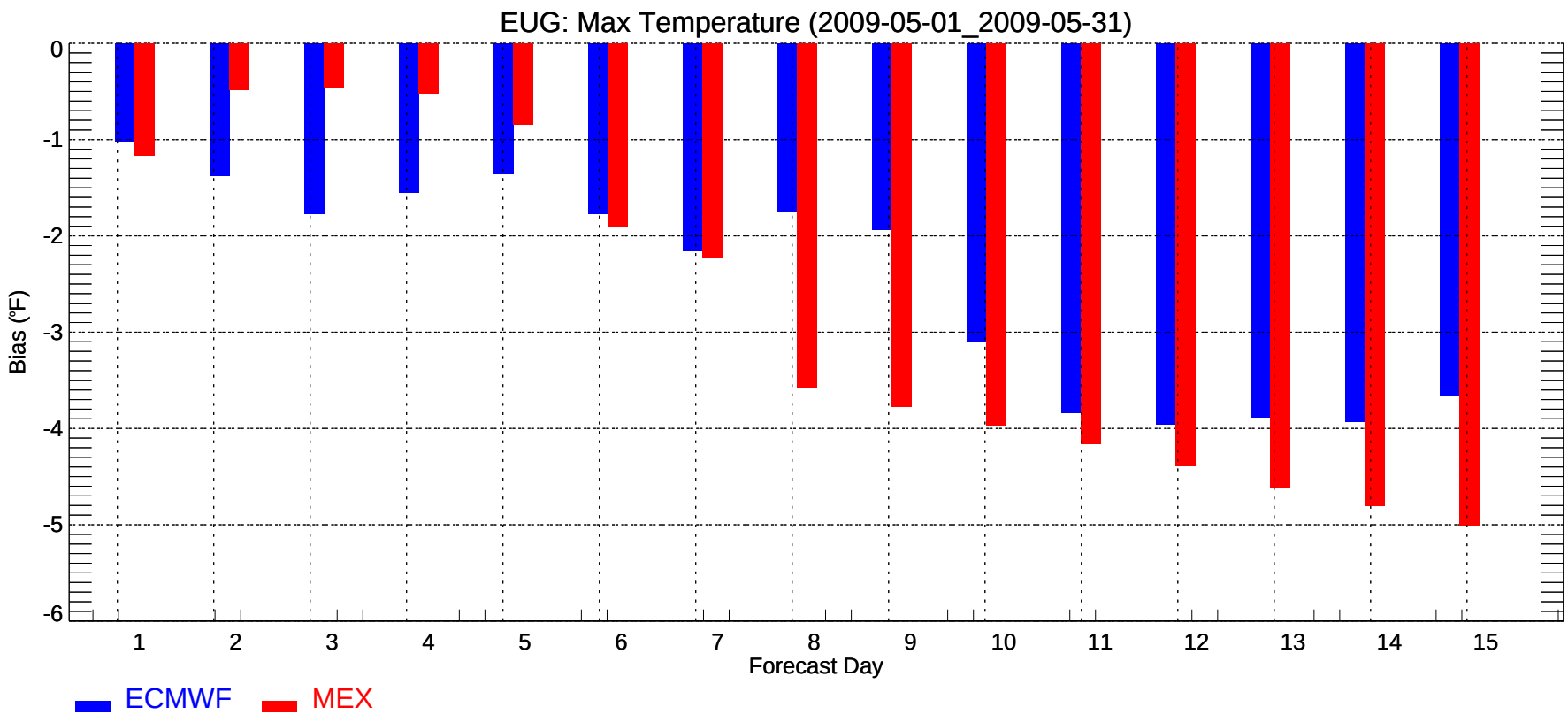
15
Forecast Day
ECMWF
MEX


EUG: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-1
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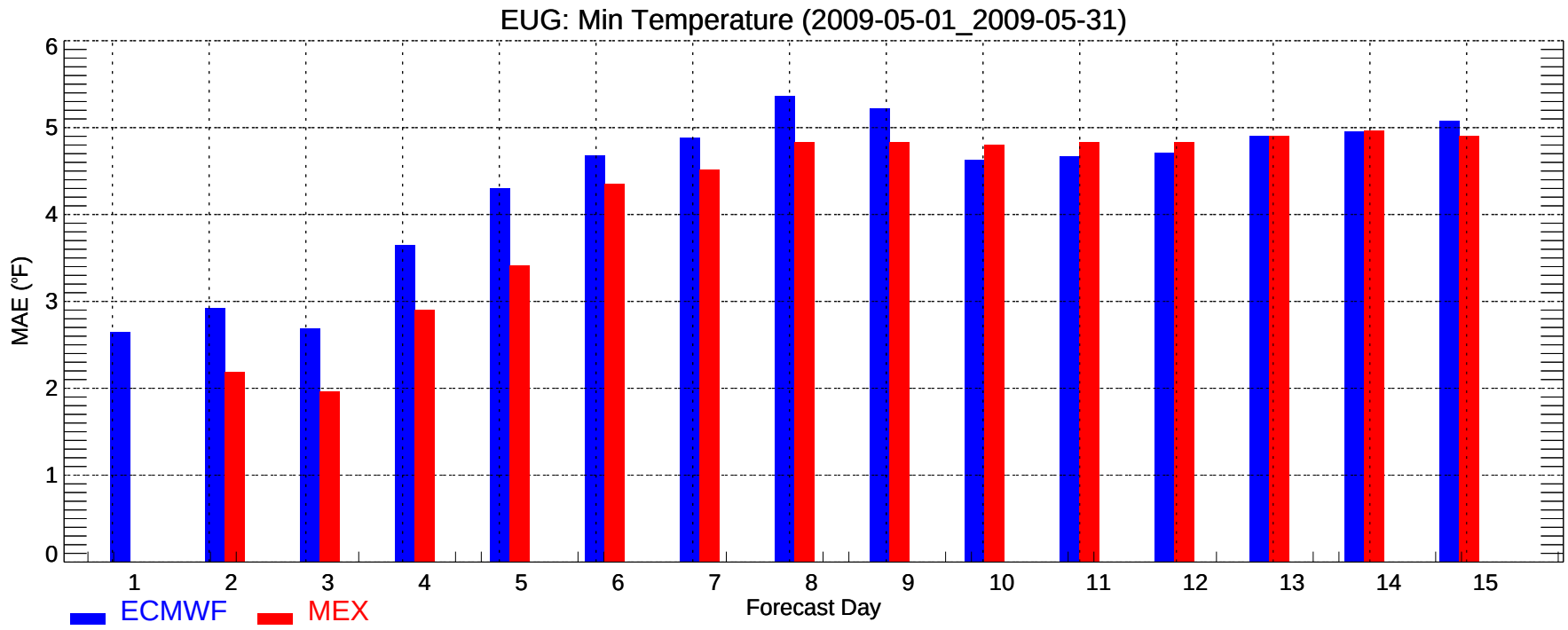
Forecast Day
ECMWF
MEX


EUG: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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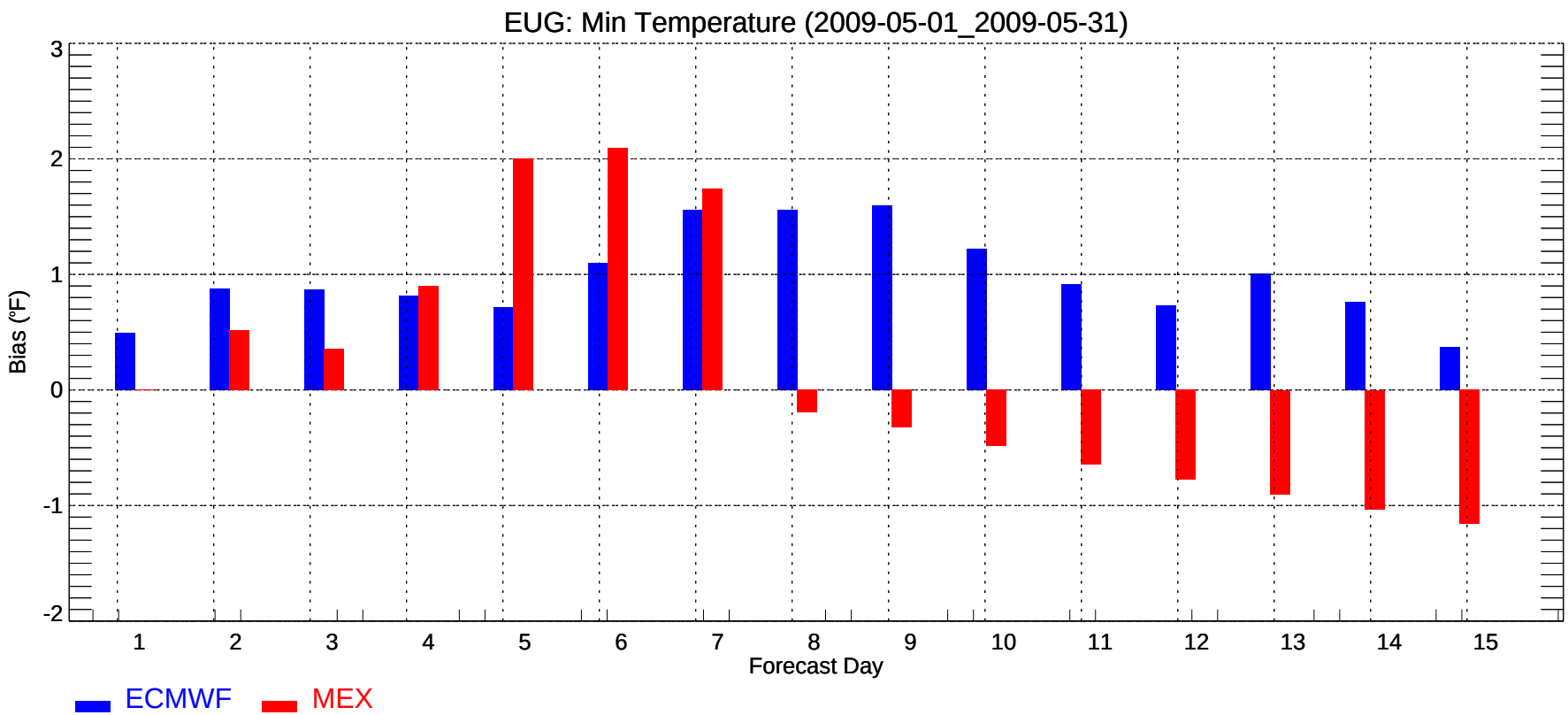
Forecast Day
ECMWF
MEX


EUG: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
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-1
-2
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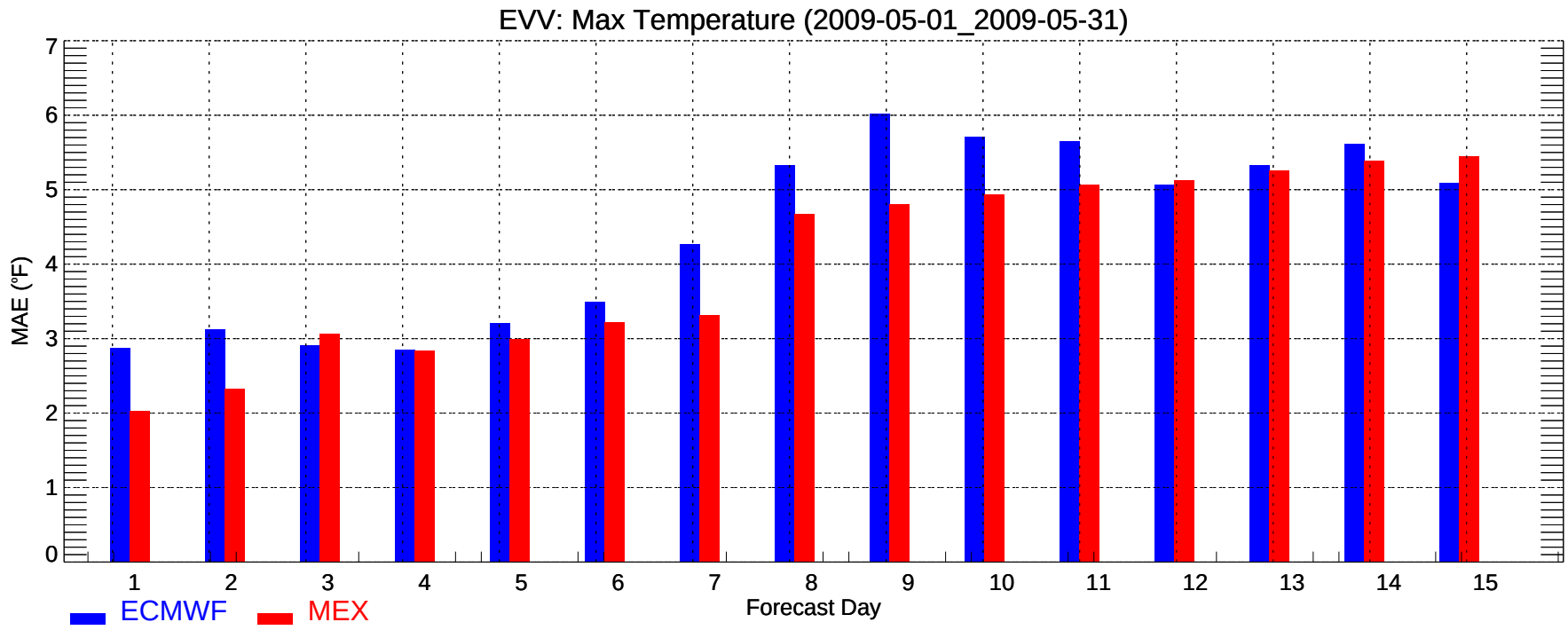
Forecast Day
ECMWF
MEX


EVV: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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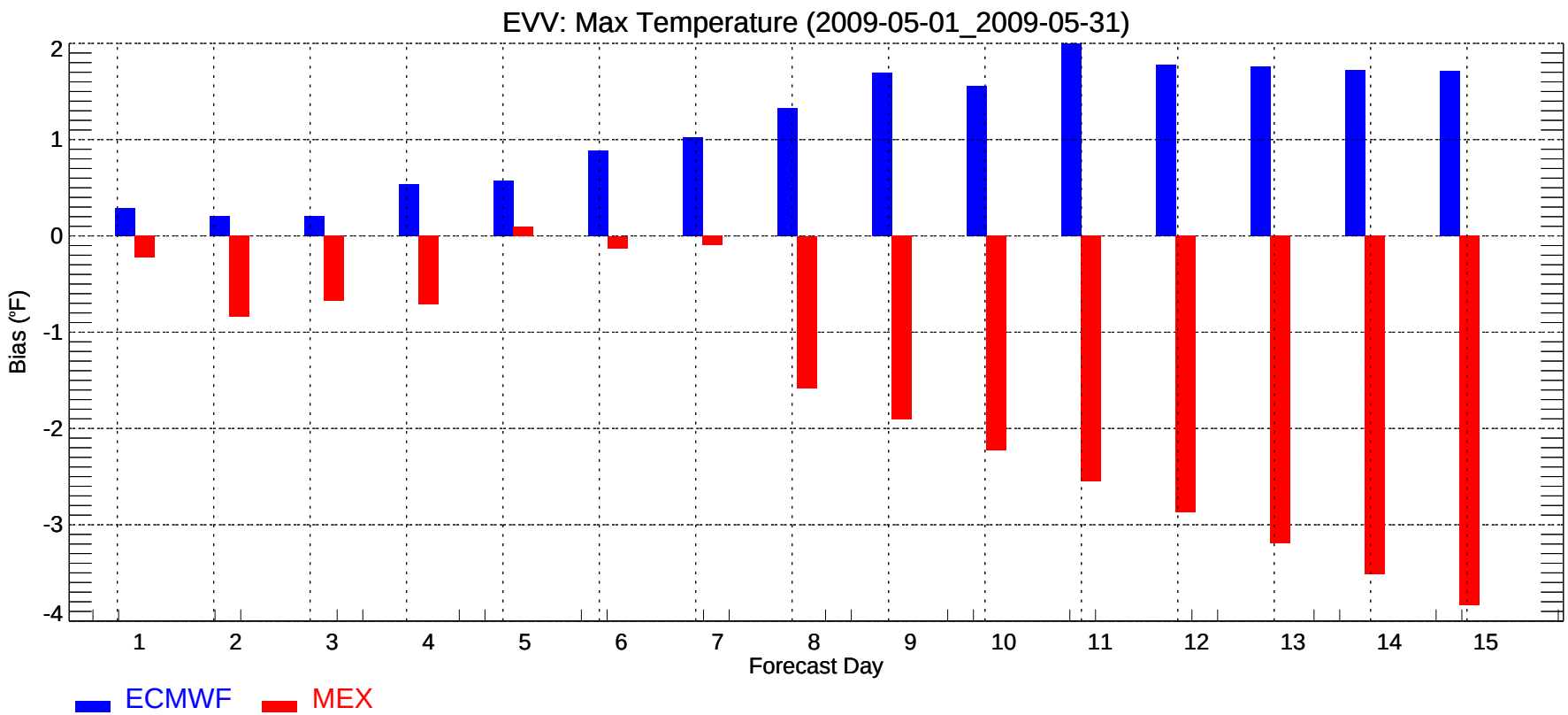
Forecast Day
ECMWF
MEX


EVV: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
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13
14
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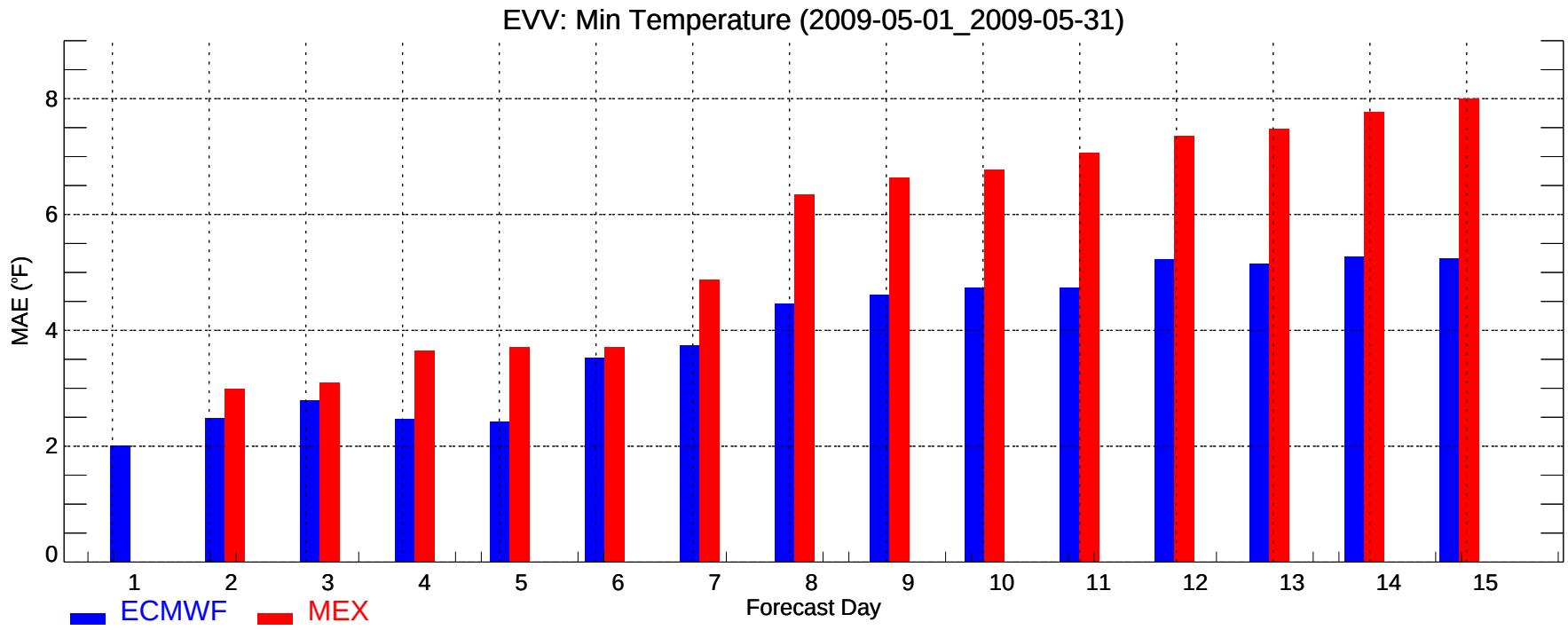
Forecast Day
ECMWF
MEX


EVV: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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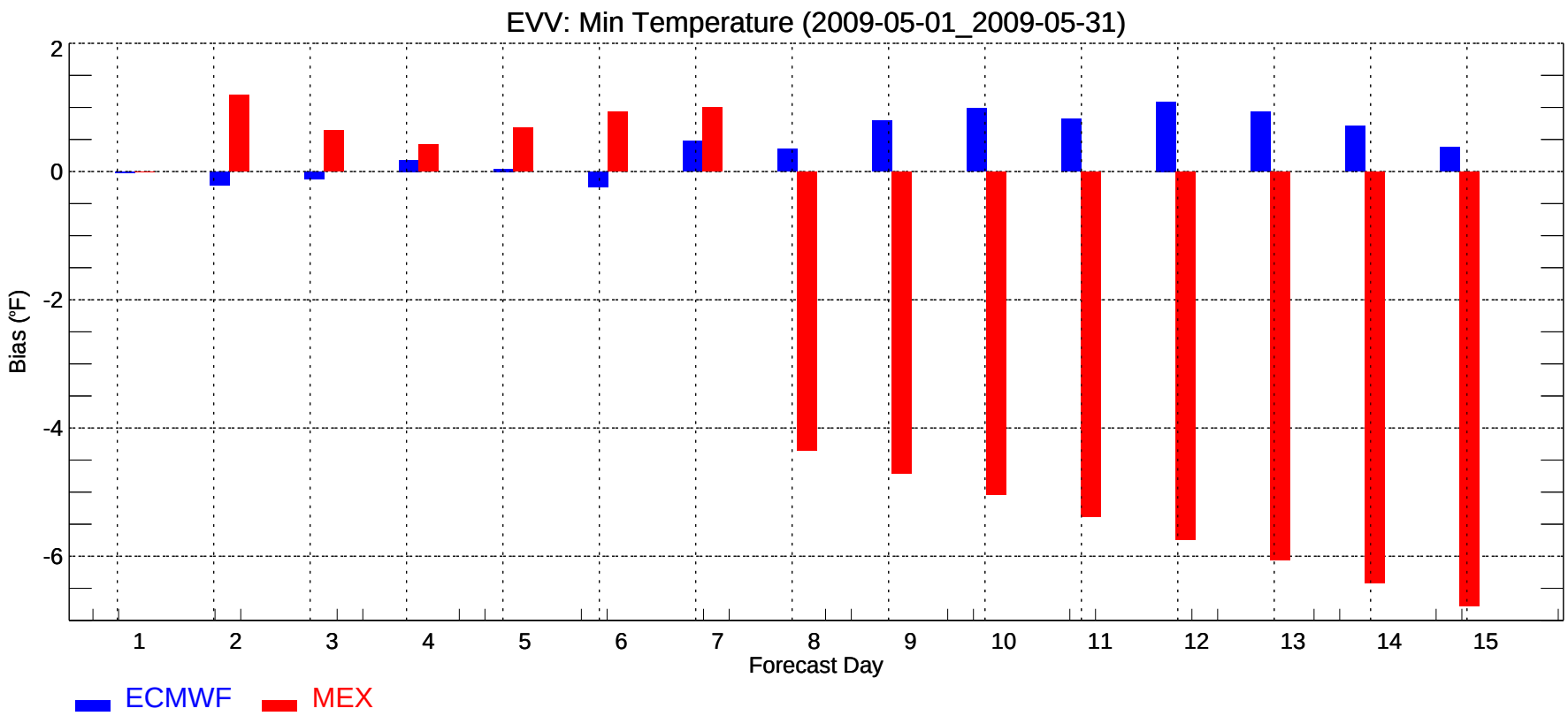
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EVV: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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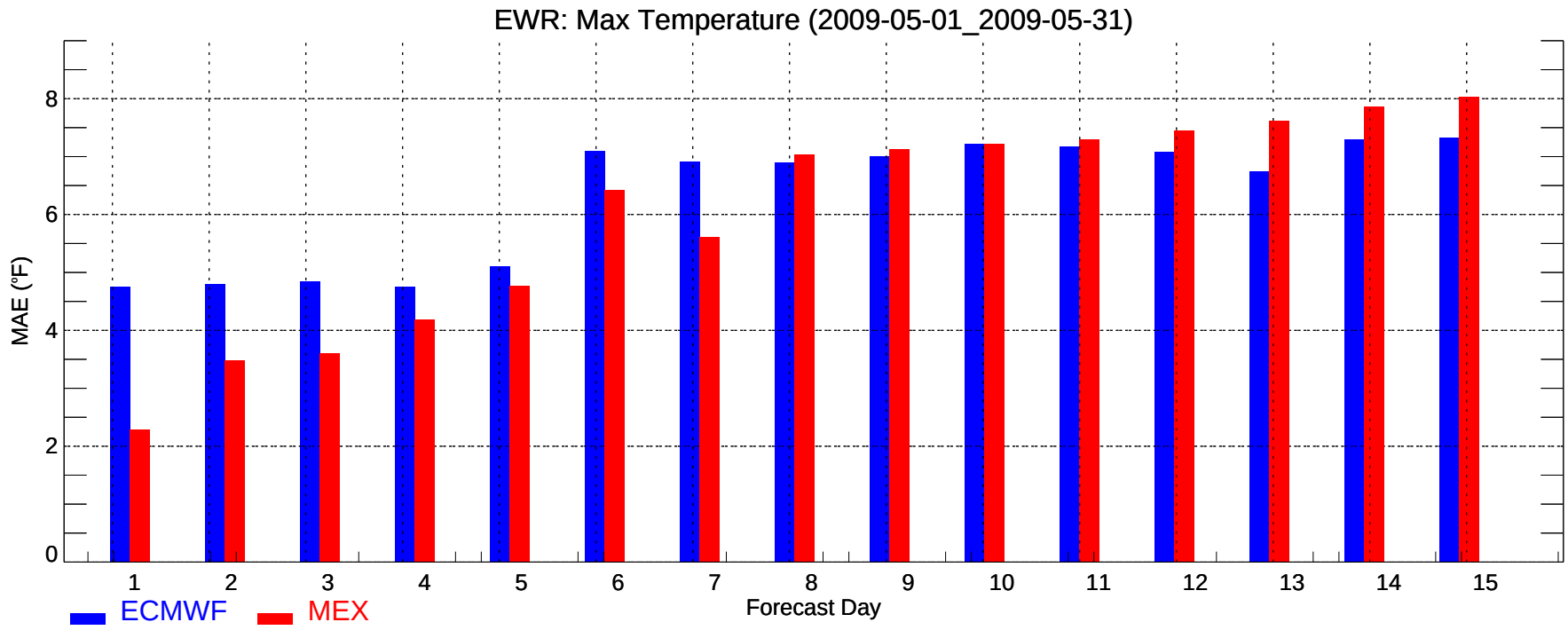
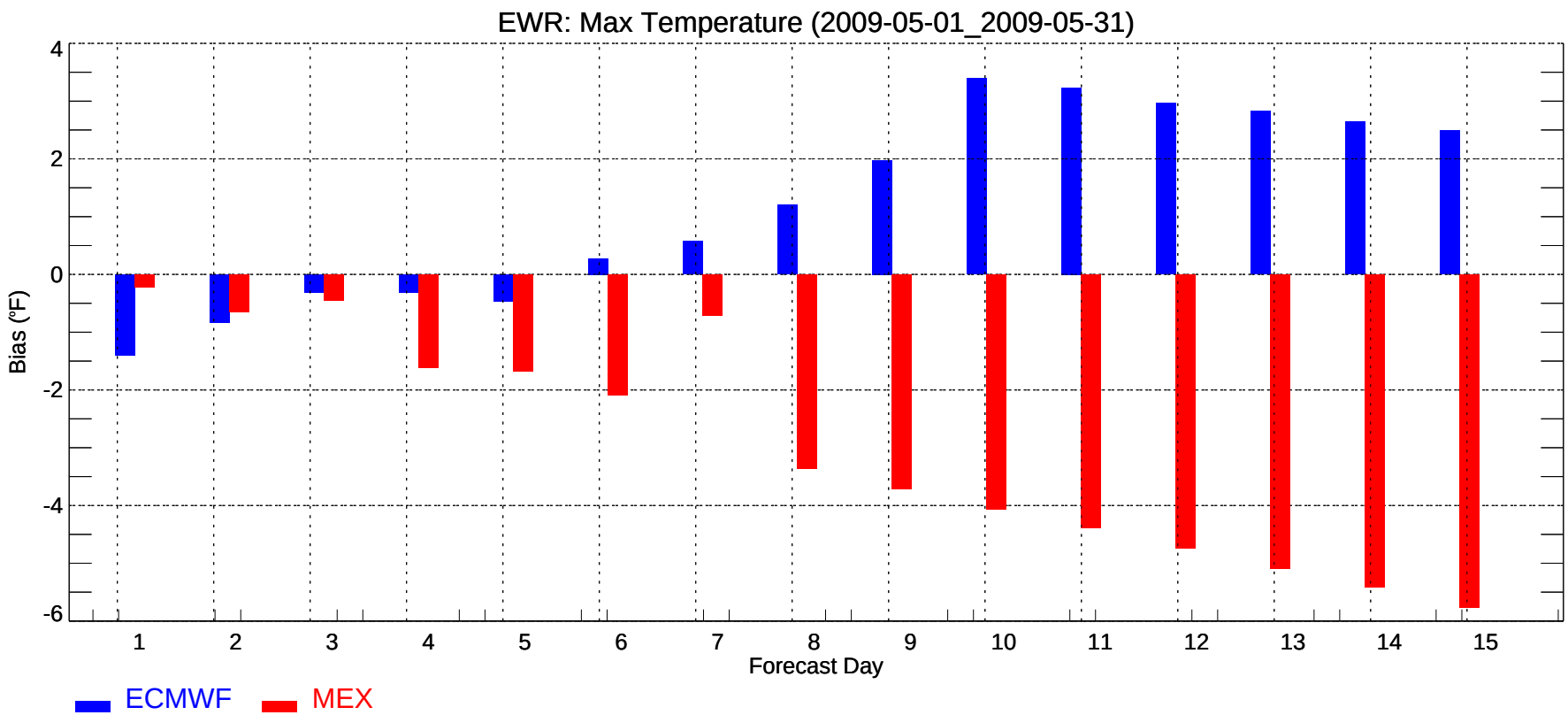
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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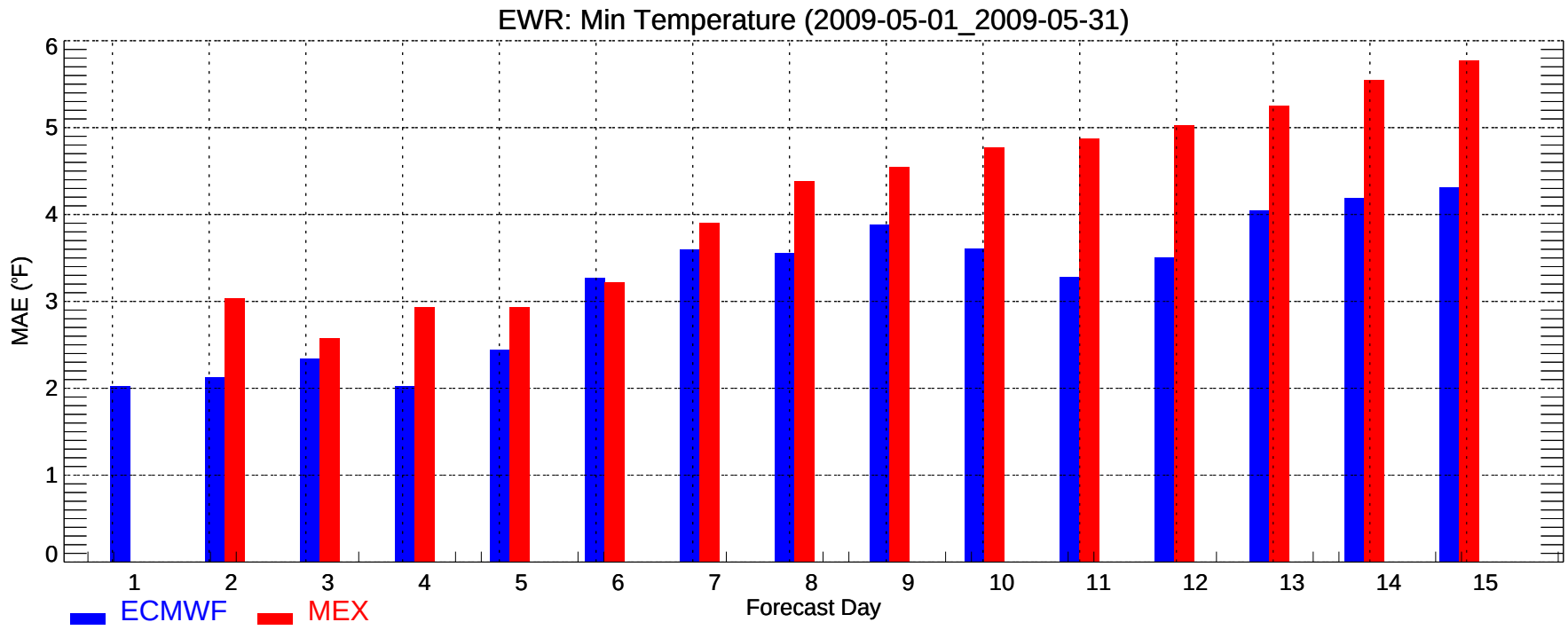
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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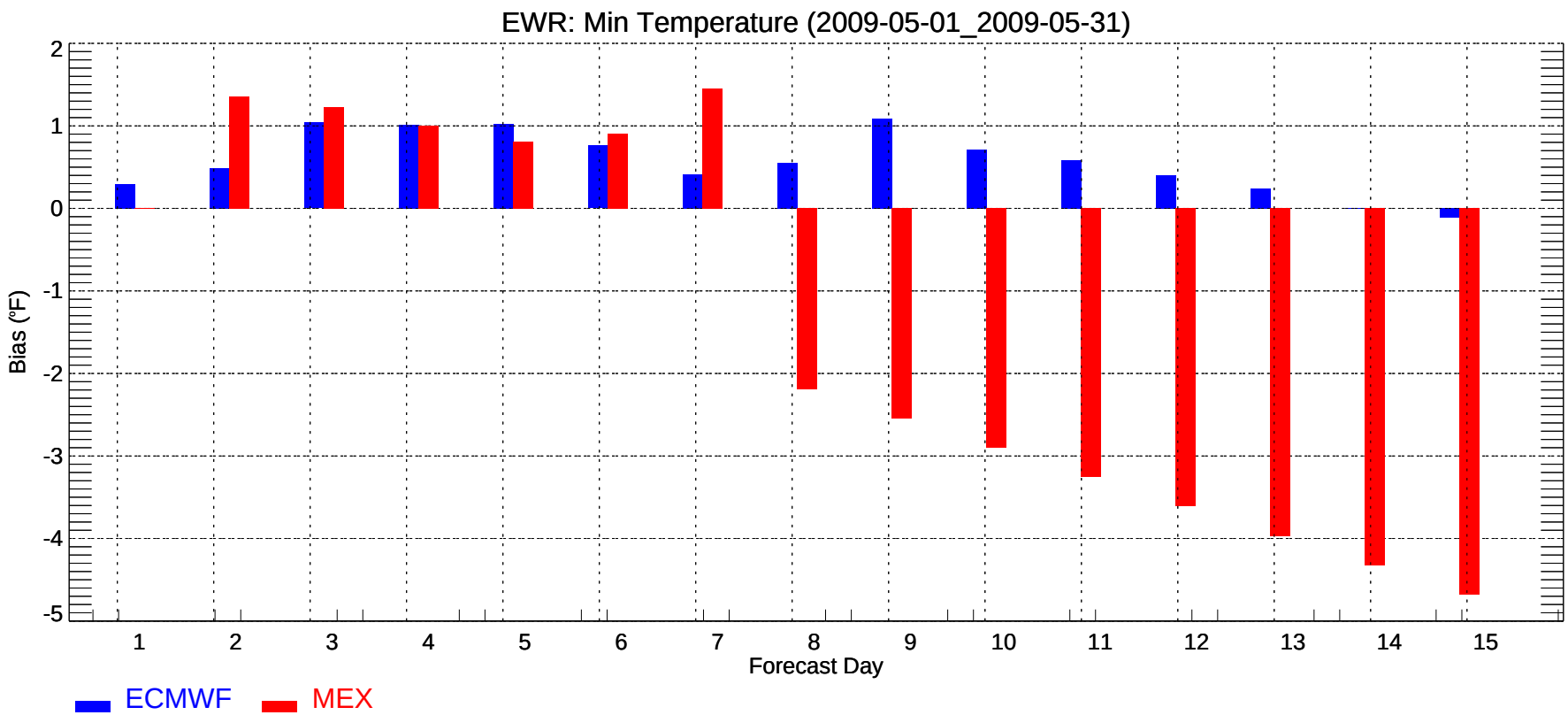
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
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8
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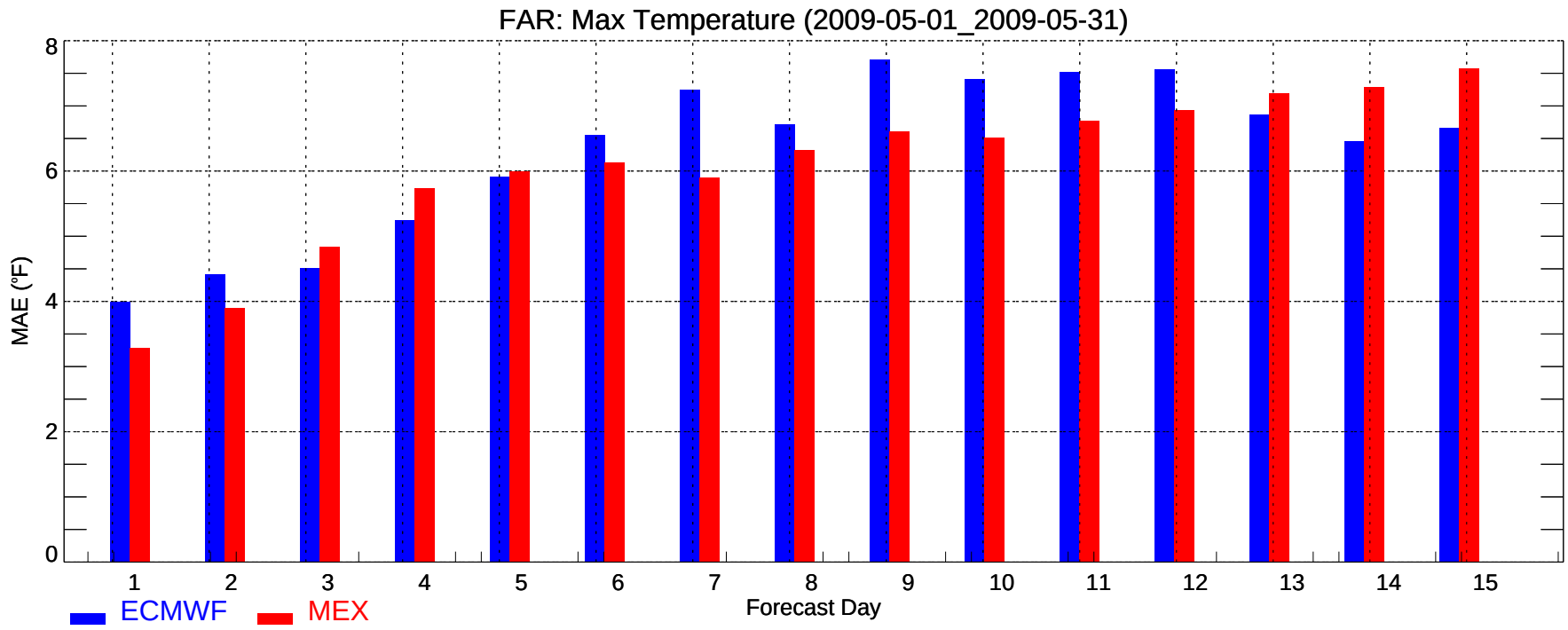
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAR: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
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6
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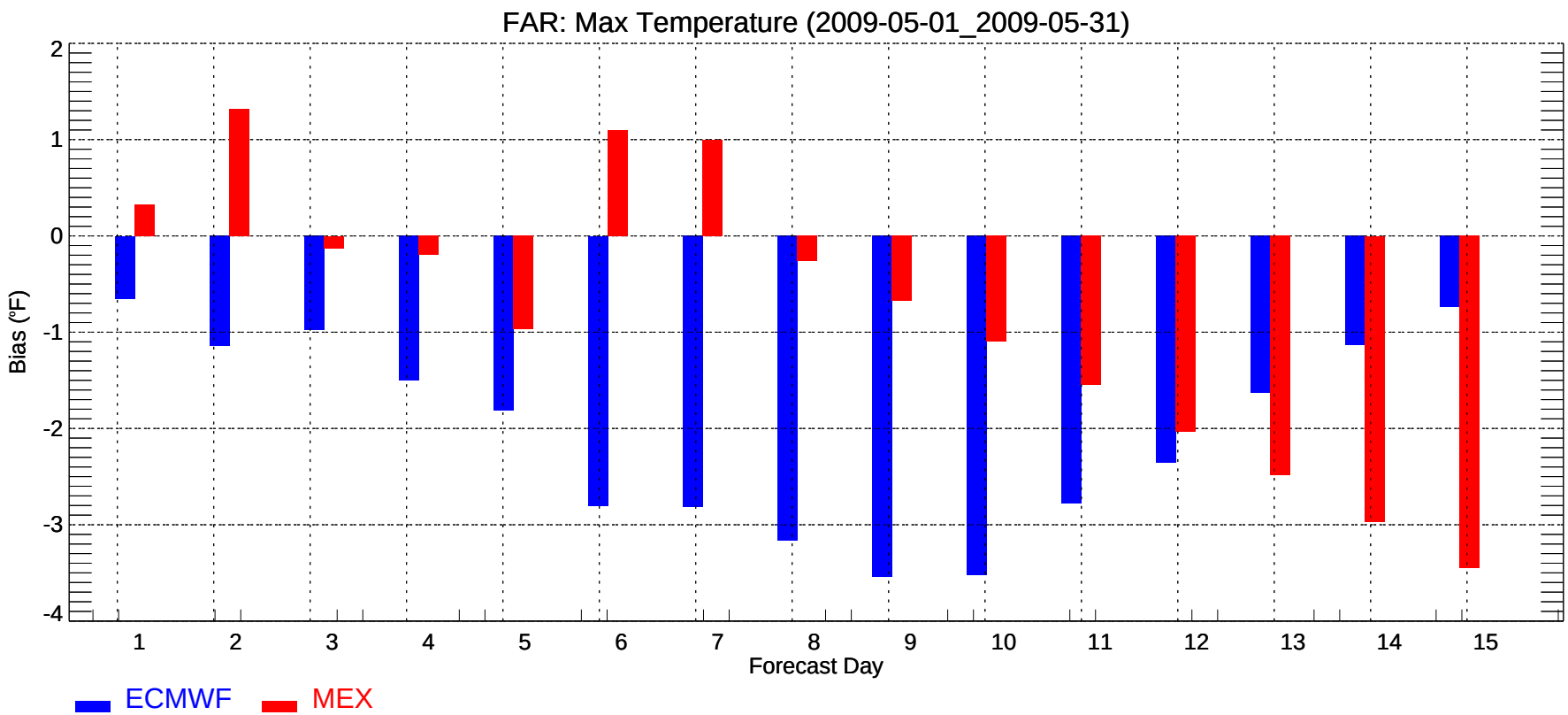
12
13
14
15
Forecast Day
ECMWF
MEX


FAR: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
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6
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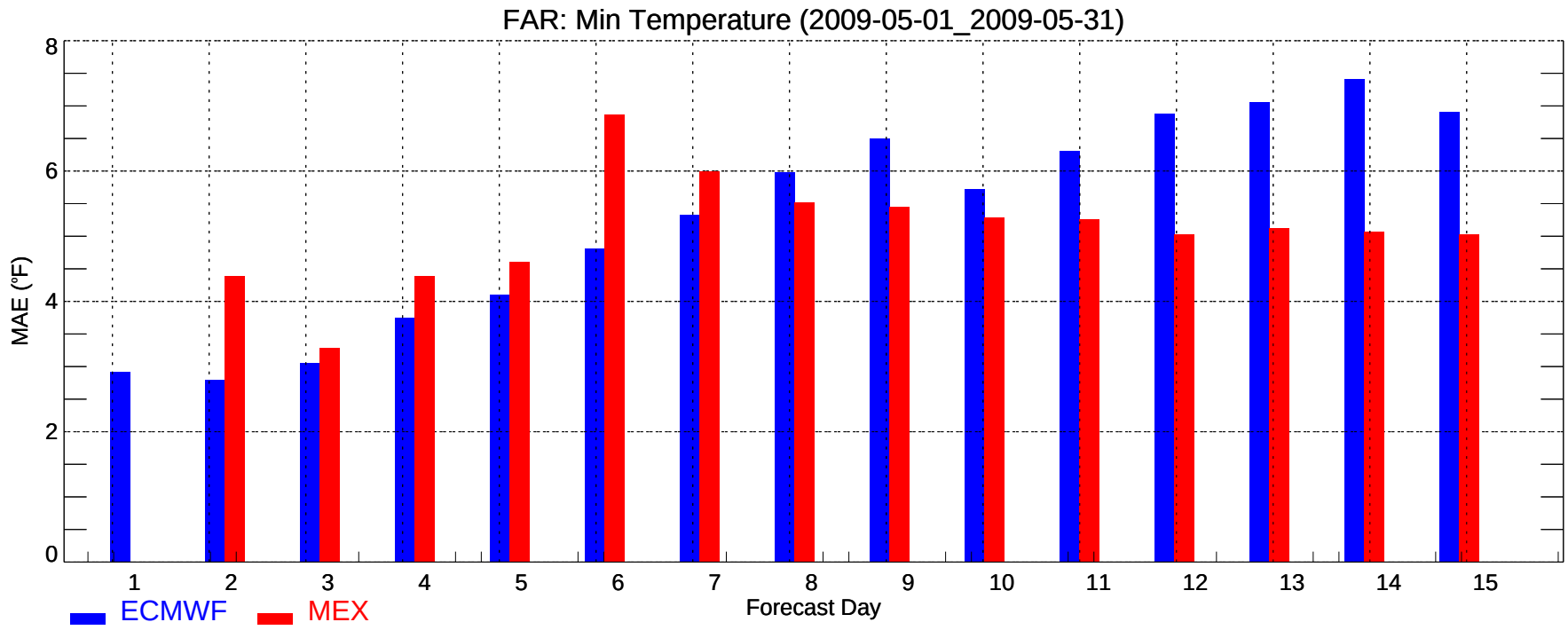
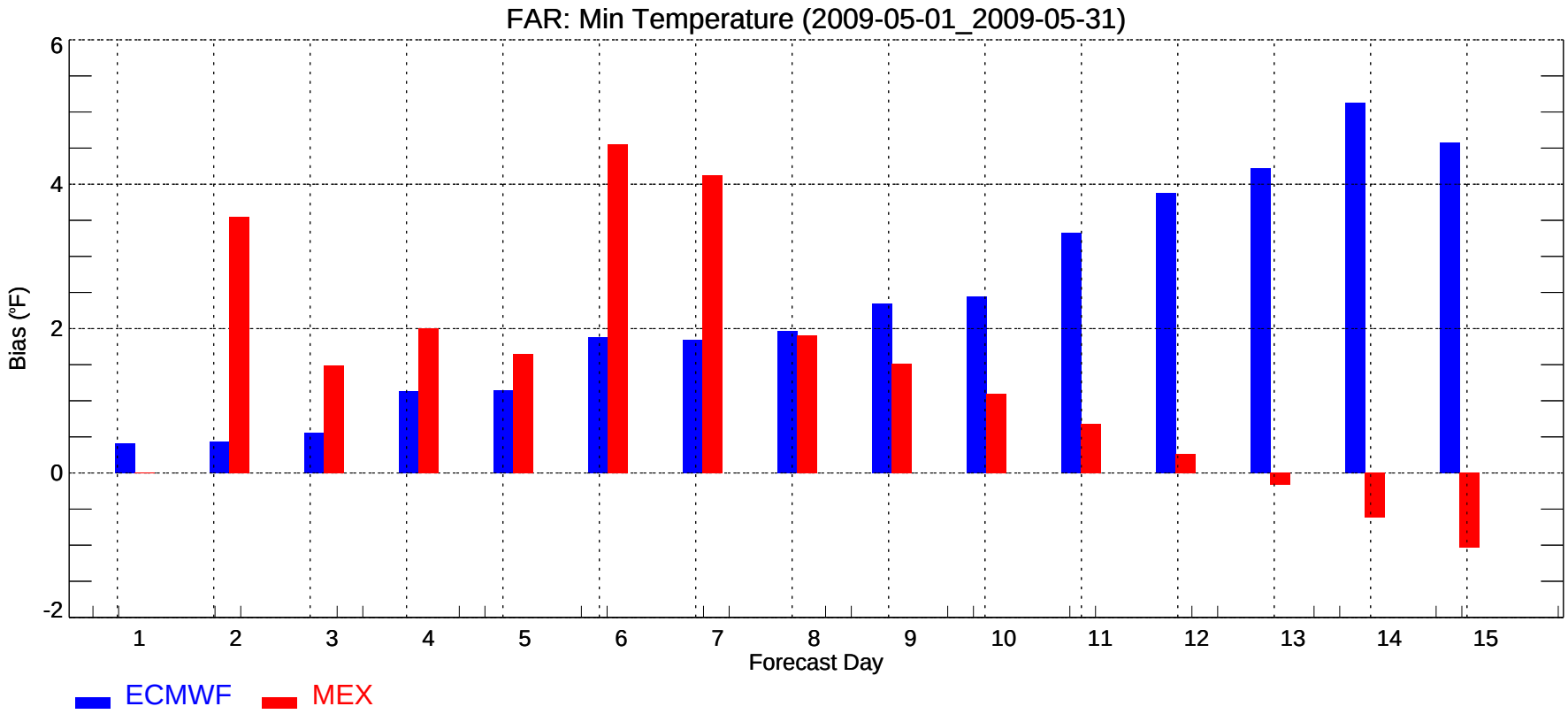
14
15
Forecast Day
ECMWF
MEX


FAR: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAR: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
-2
0
2
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6
1
2
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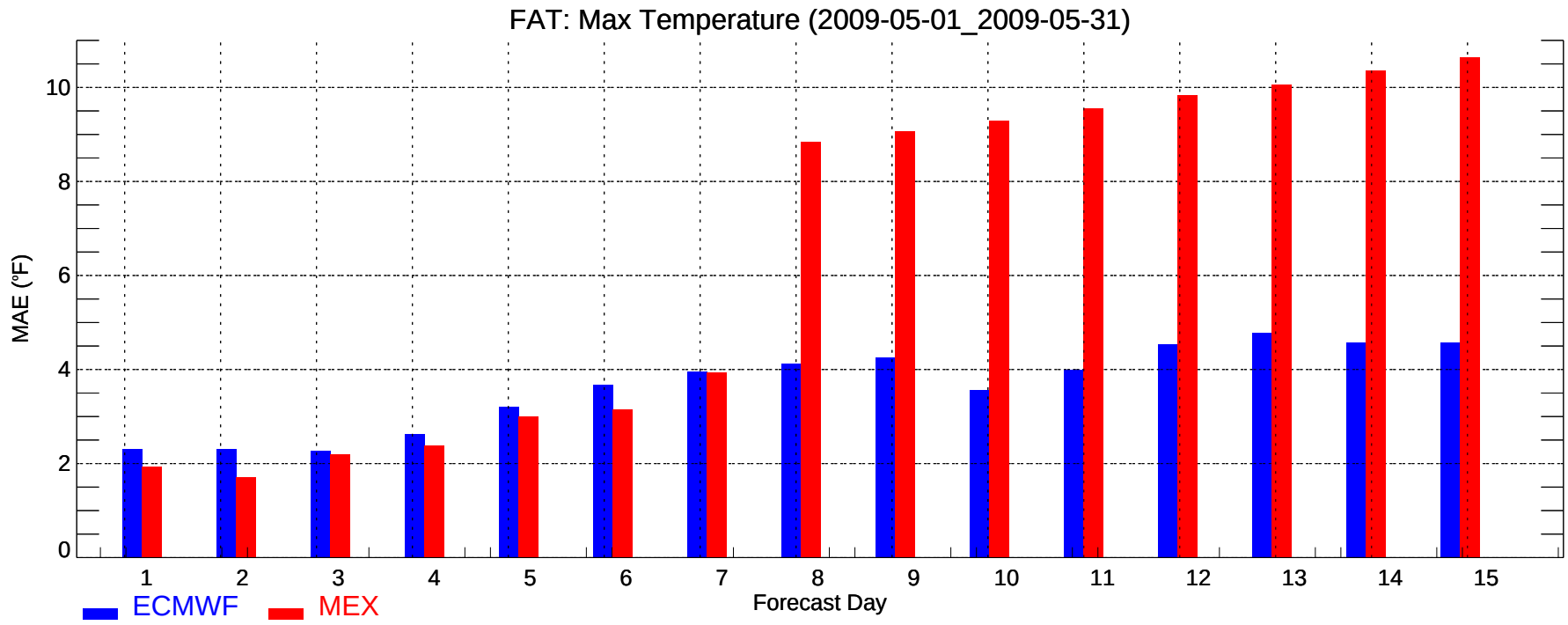
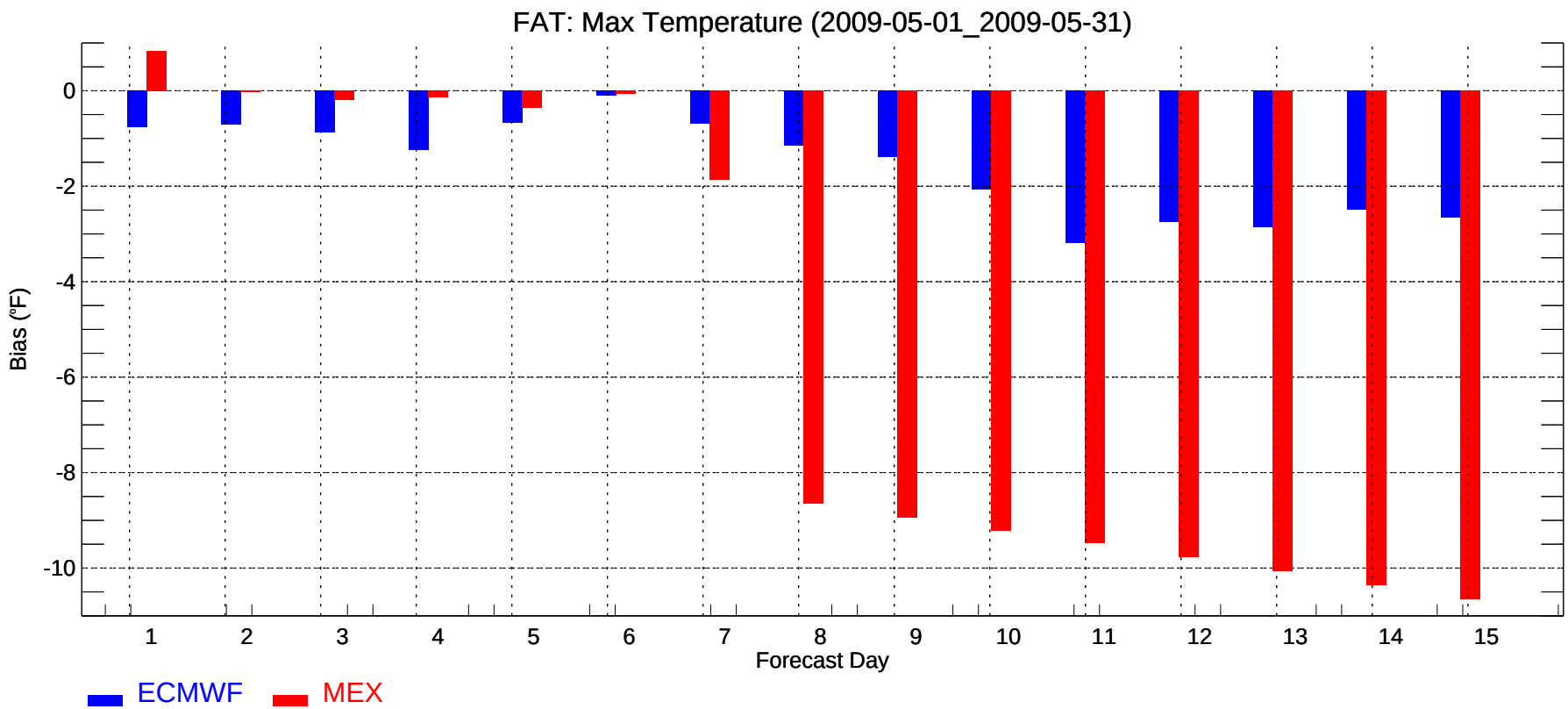
13
14
15
Forecast Day
ECMWF
MEX


FAT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
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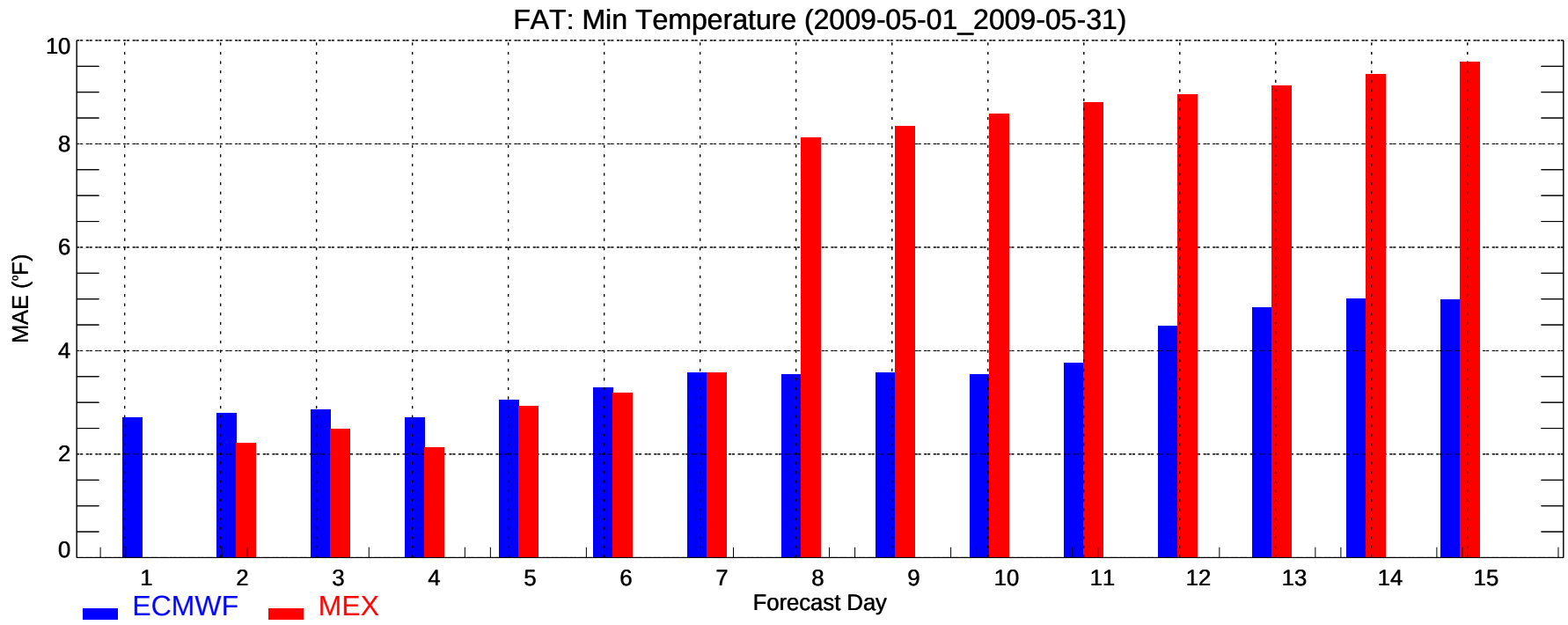
14
15
Forecast Day
ECMWF
MEX


FAT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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2
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6
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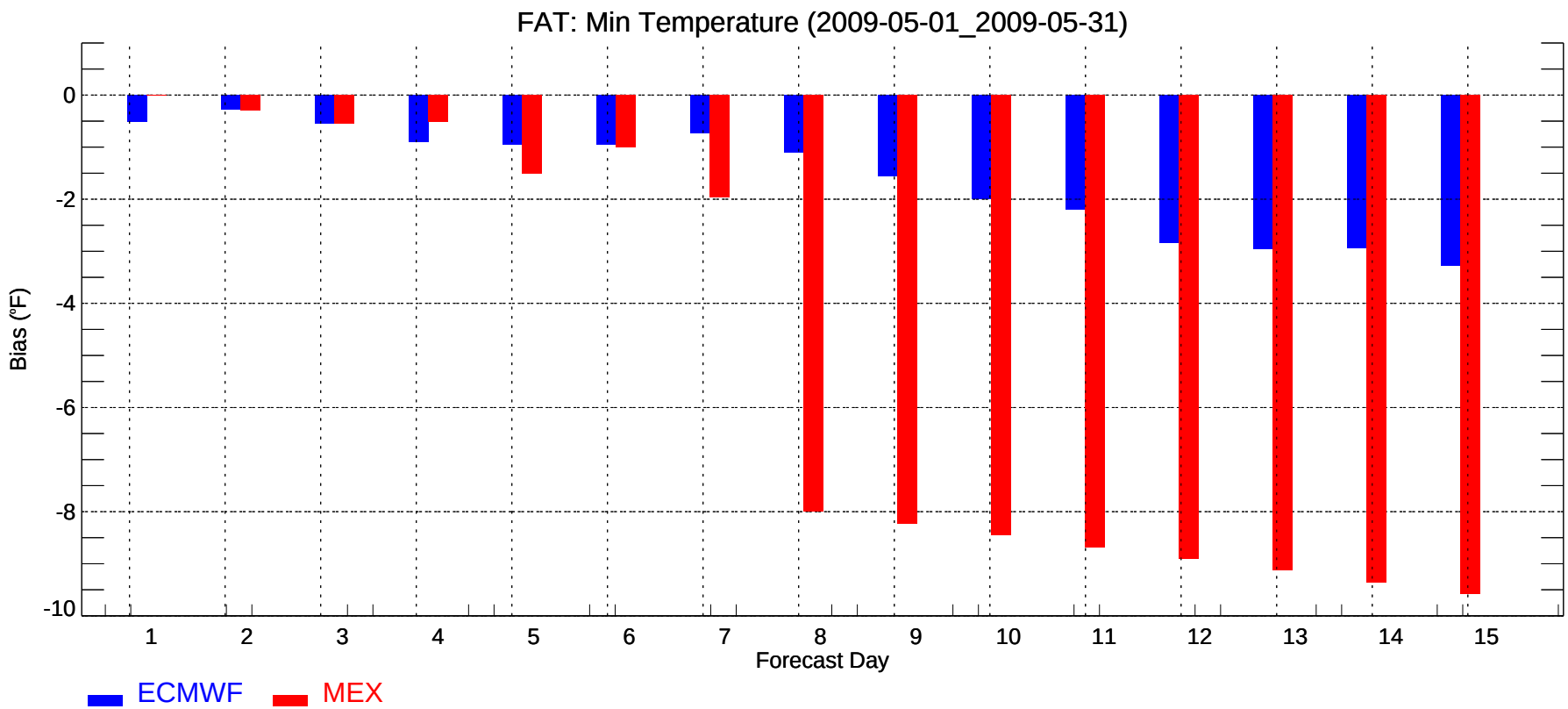
13
14
15
Forecast Day
ECMWF
MEX


FAT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
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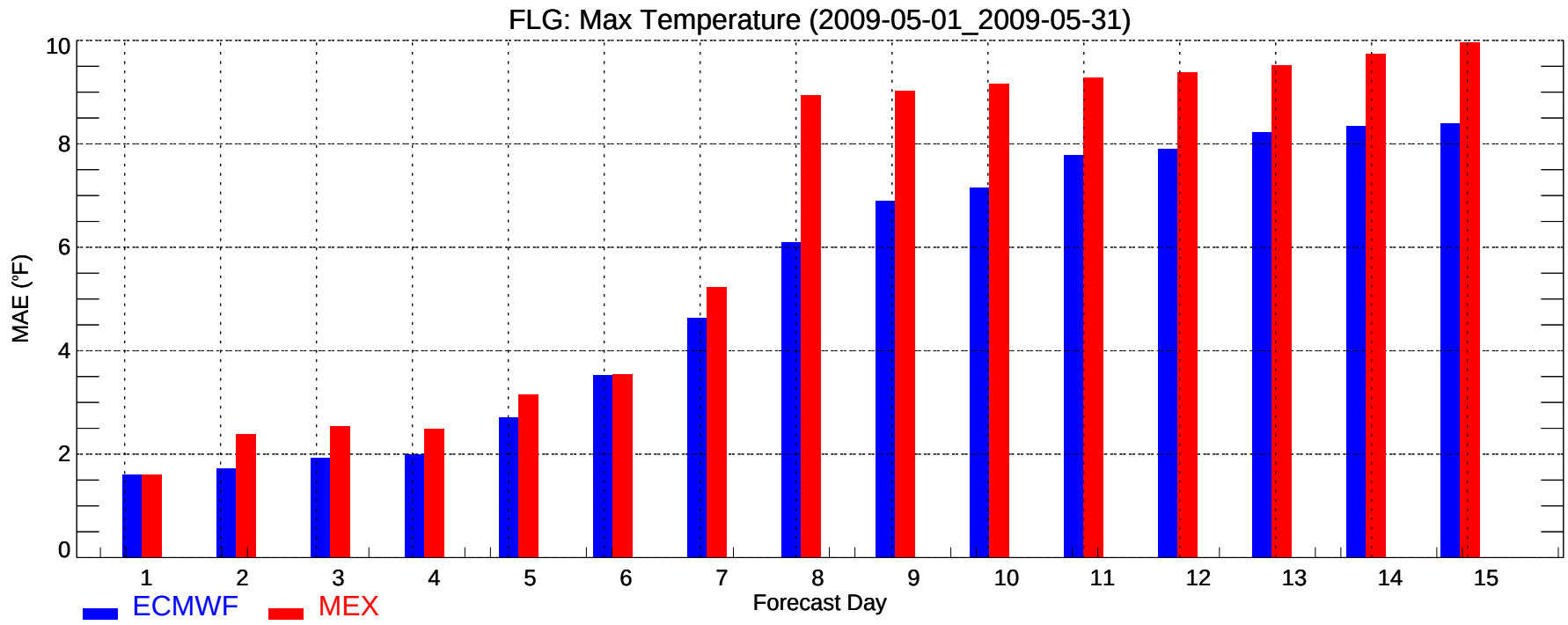
Forecast Day
ECMWF
MEX


FLG: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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10
1
2
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6
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8
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10
11
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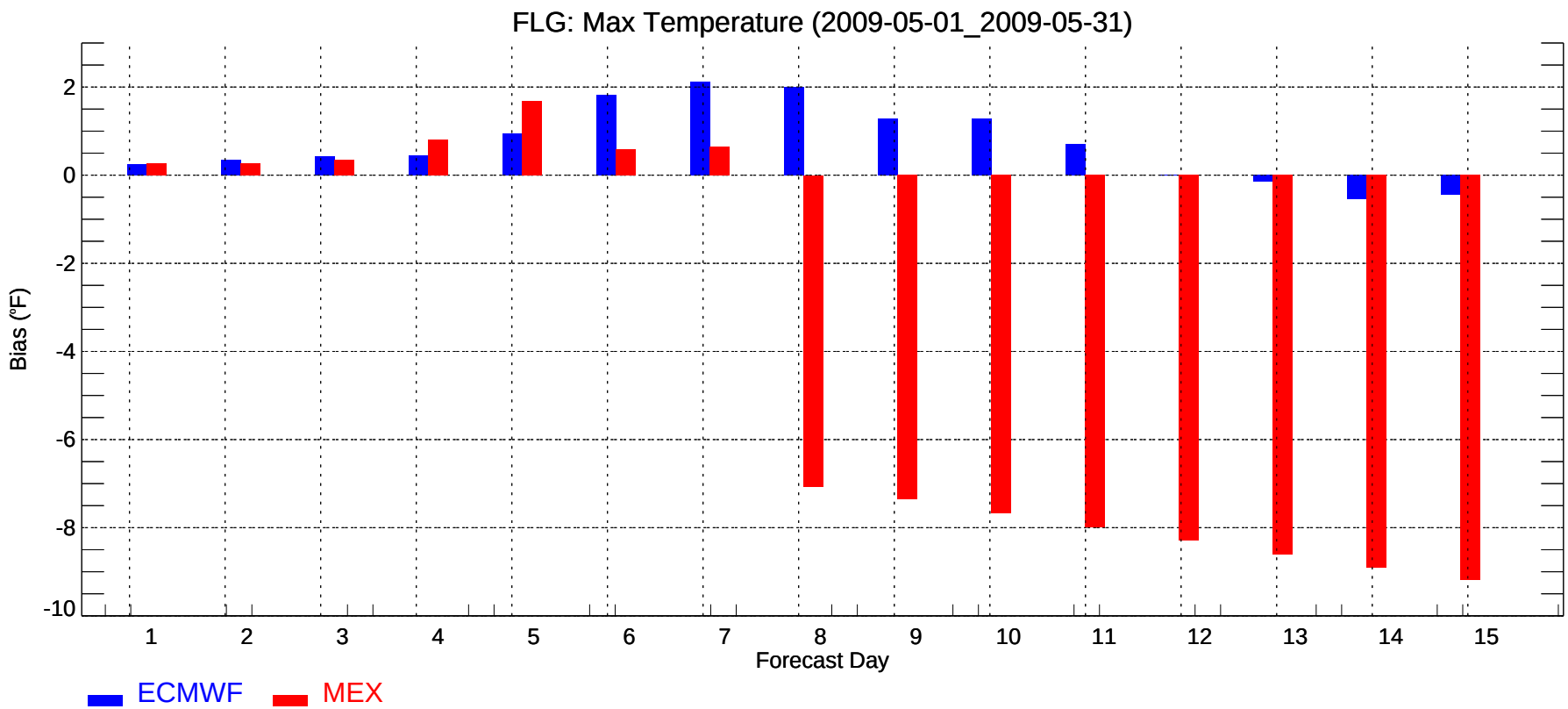
13
14
15
Forecast Day
ECMWF
MEX


FLG: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
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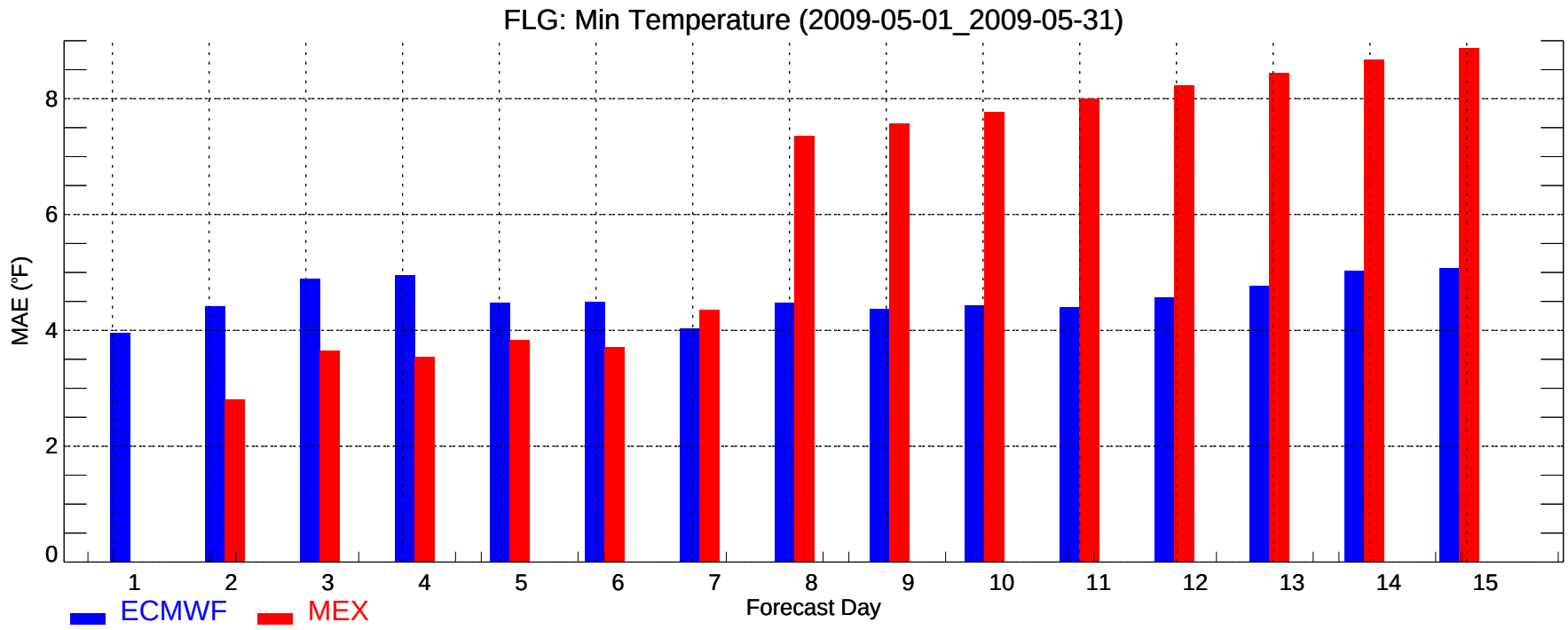
Forecast Day
ECMWF
MEX


FLG: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
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8
1
2
3
4
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6
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8
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10
11
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13
14
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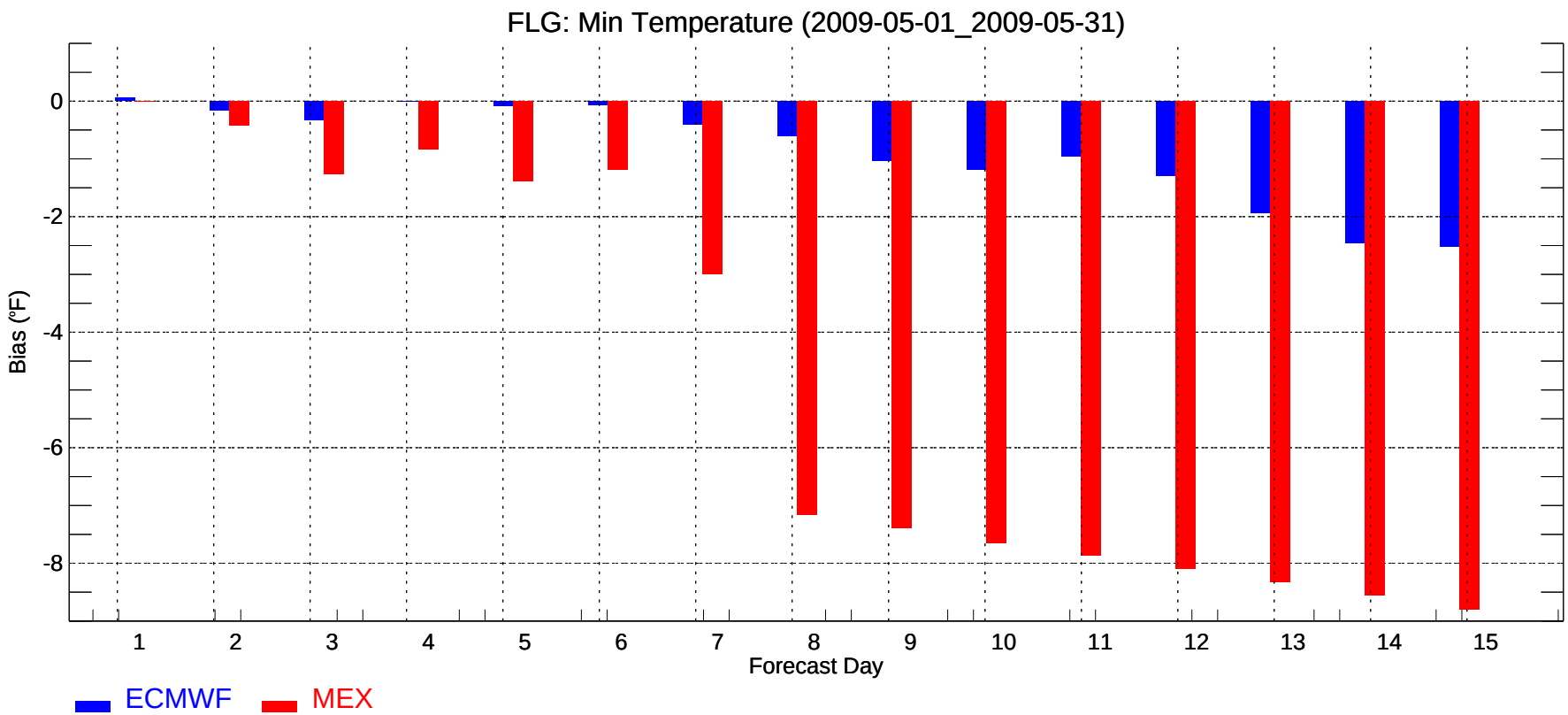
Forecast Day
ECMWF
MEX


FLG: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
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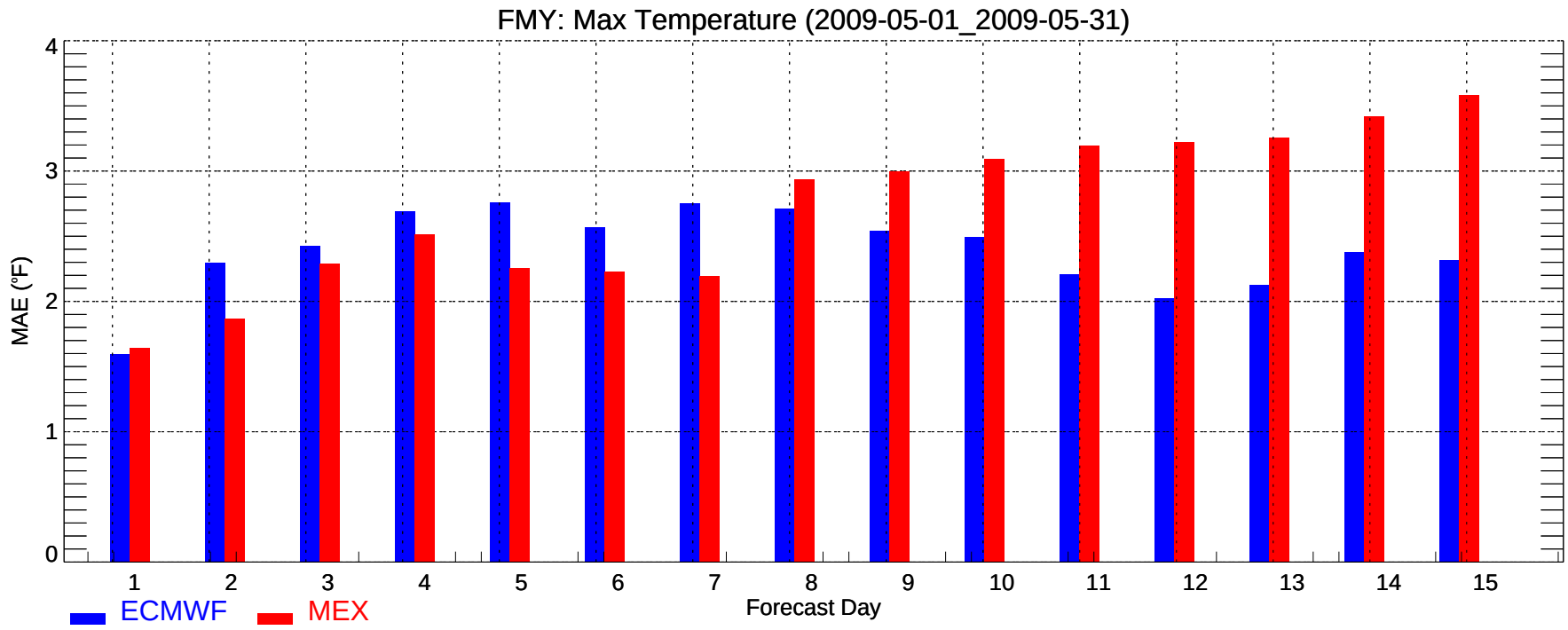
Forecast Day
ECMWF
MEX


FMY: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
1
2
3
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5
6
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8
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10
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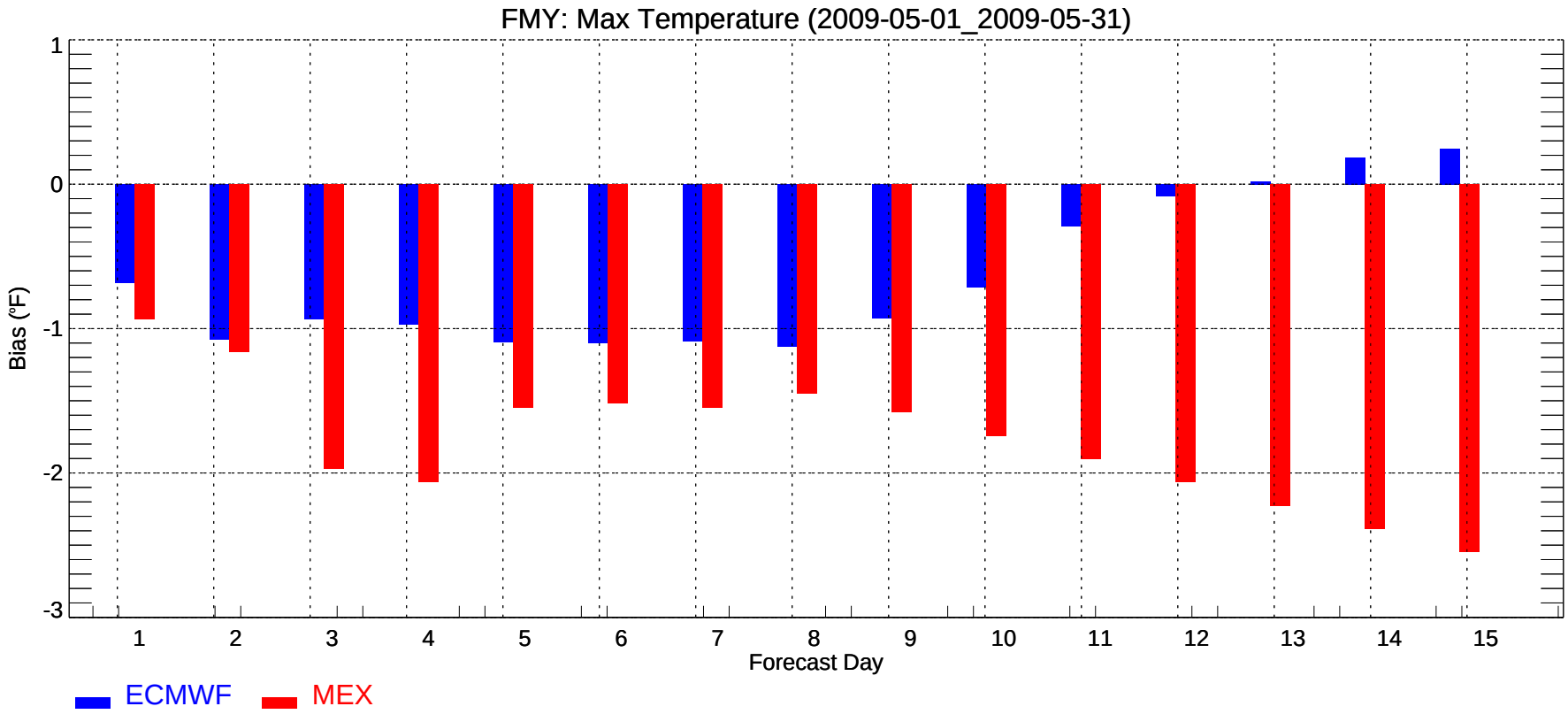
13
14
15
Forecast Day
ECMWF
MEX


FMY: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
1
2
3
4
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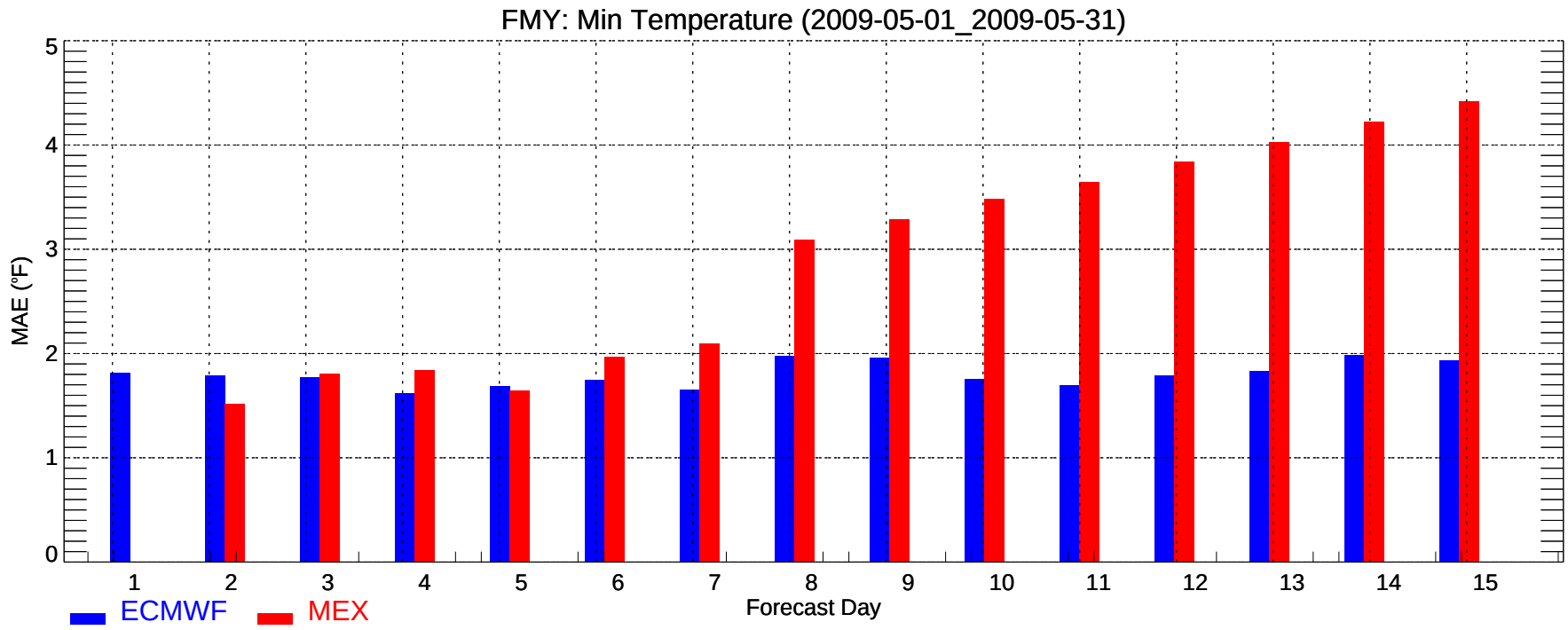
Forecast Day
ECMWF
MEX


FMY: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
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8
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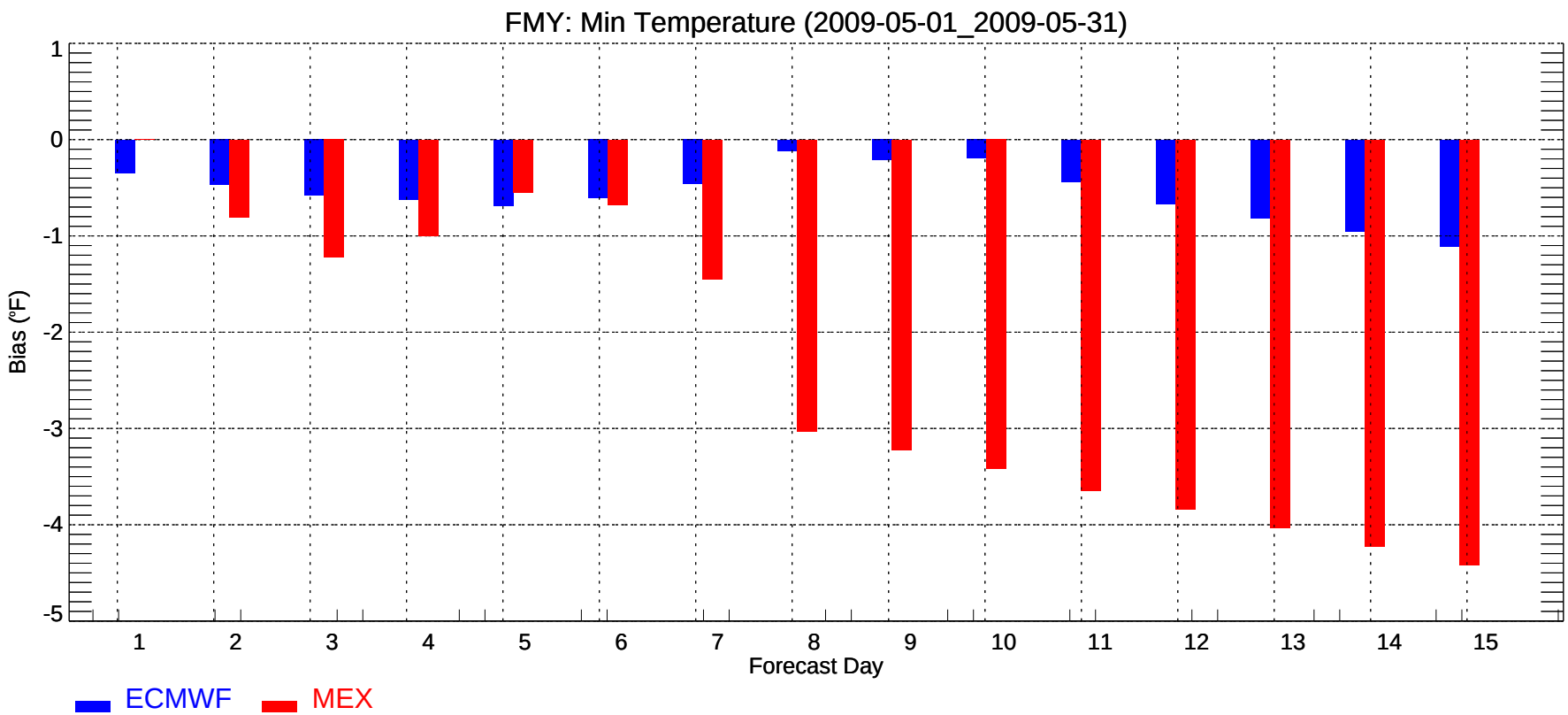
Forecast Day
ECMWF
MEX


FMY: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
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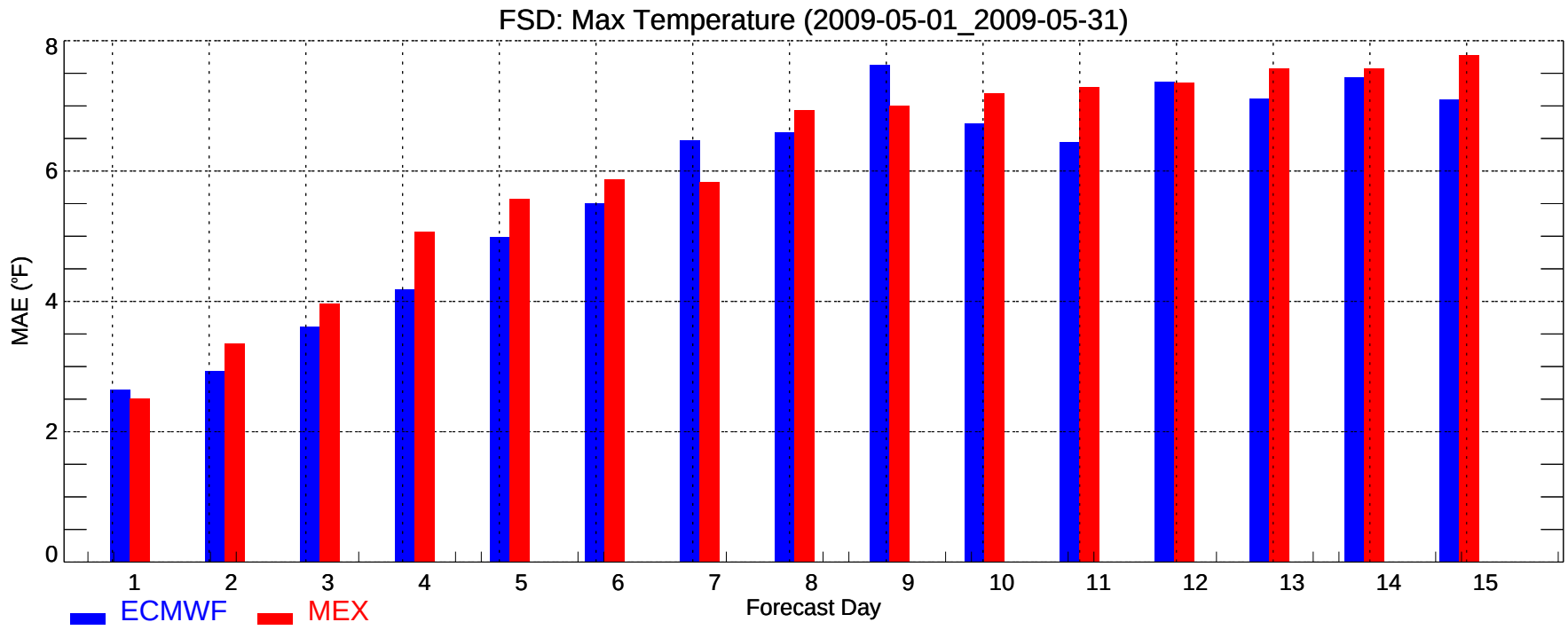
Forecast Day
ECMWF
MEX


FSD: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
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2
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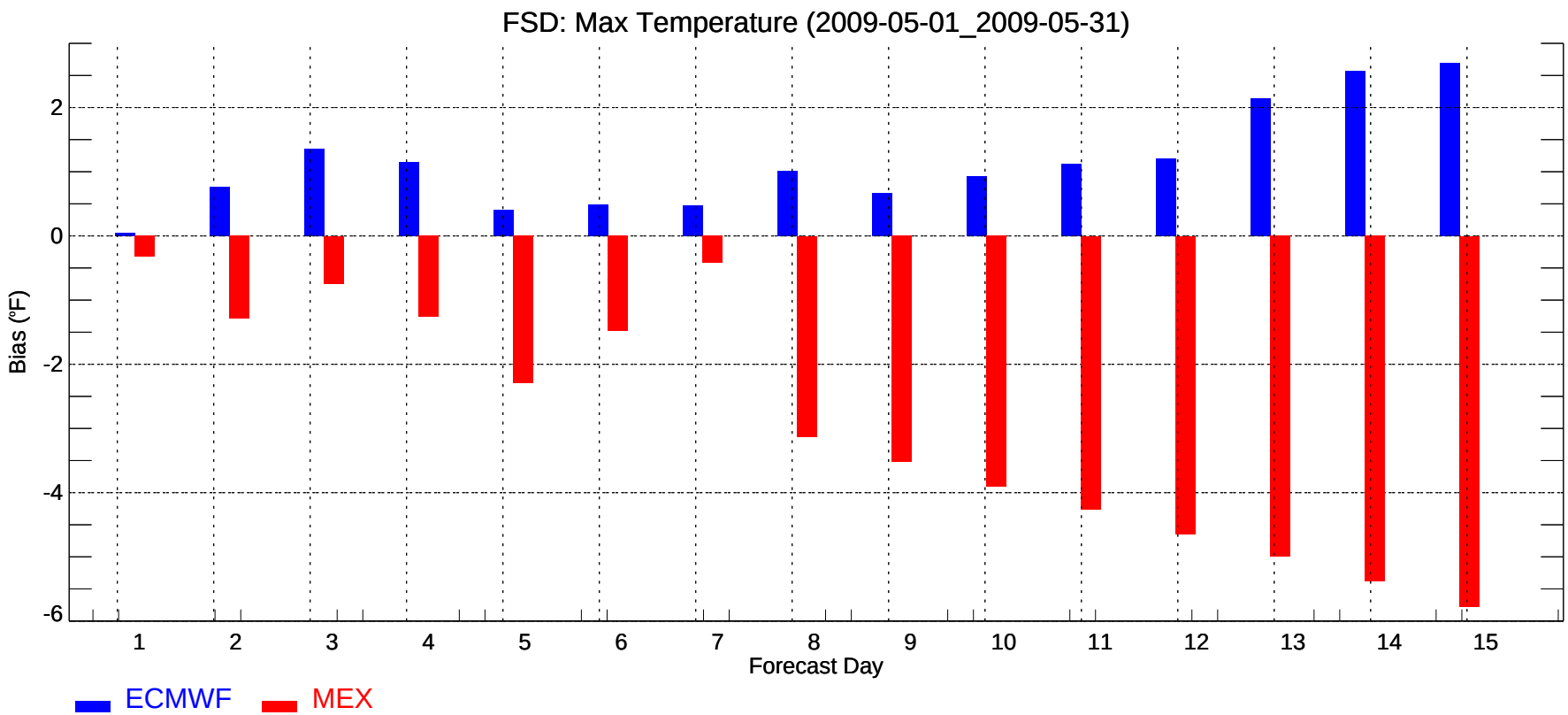
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FSD: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
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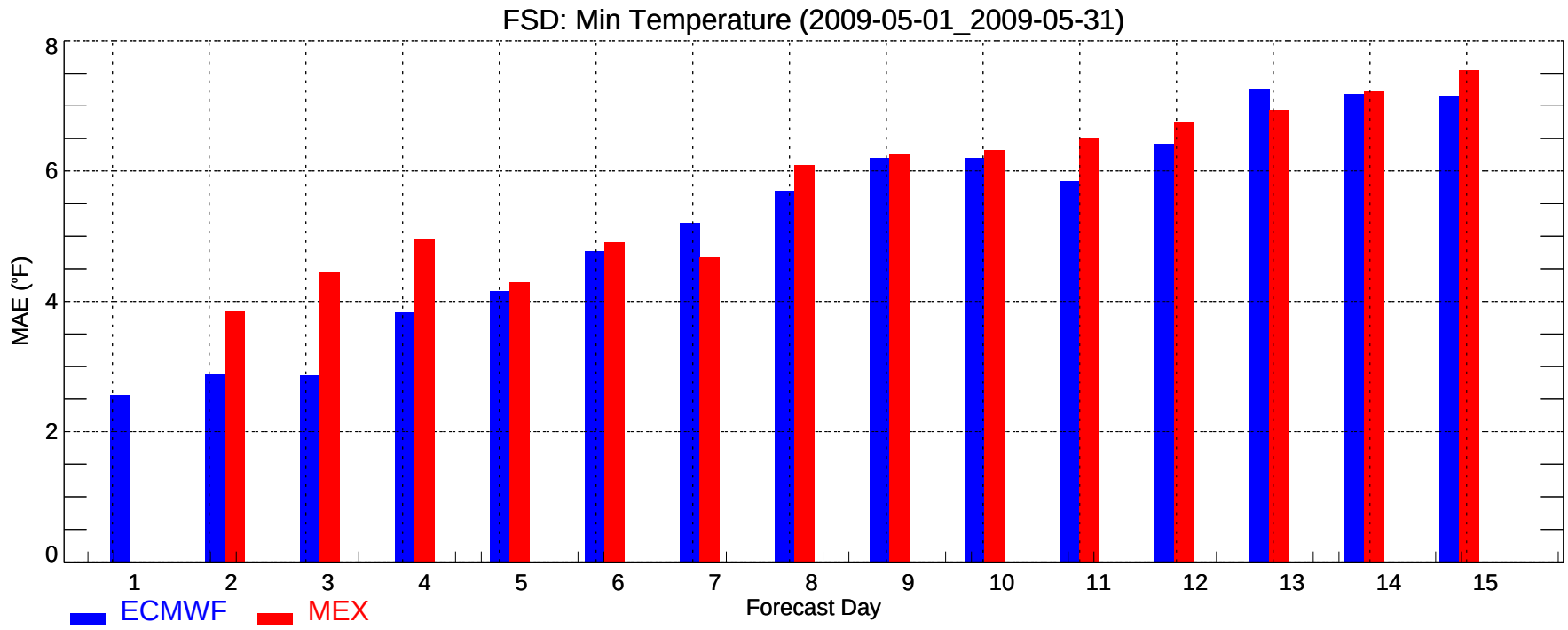
Forecast Day
ECMWF
MEX


FSD: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
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8
1
2
3
4
5
6
7
8
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10
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14
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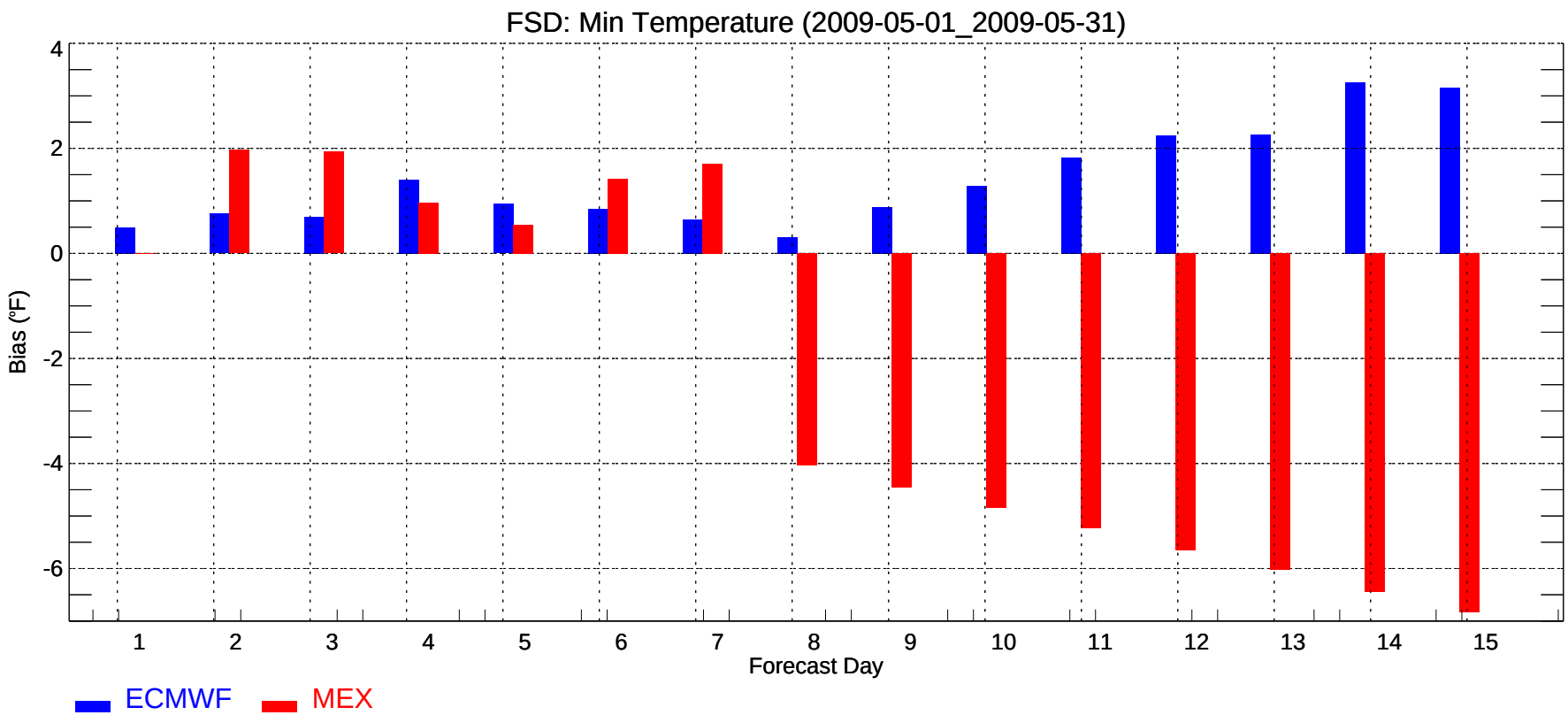
Forecast Day
ECMWF
MEX


FSD: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
-6
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2
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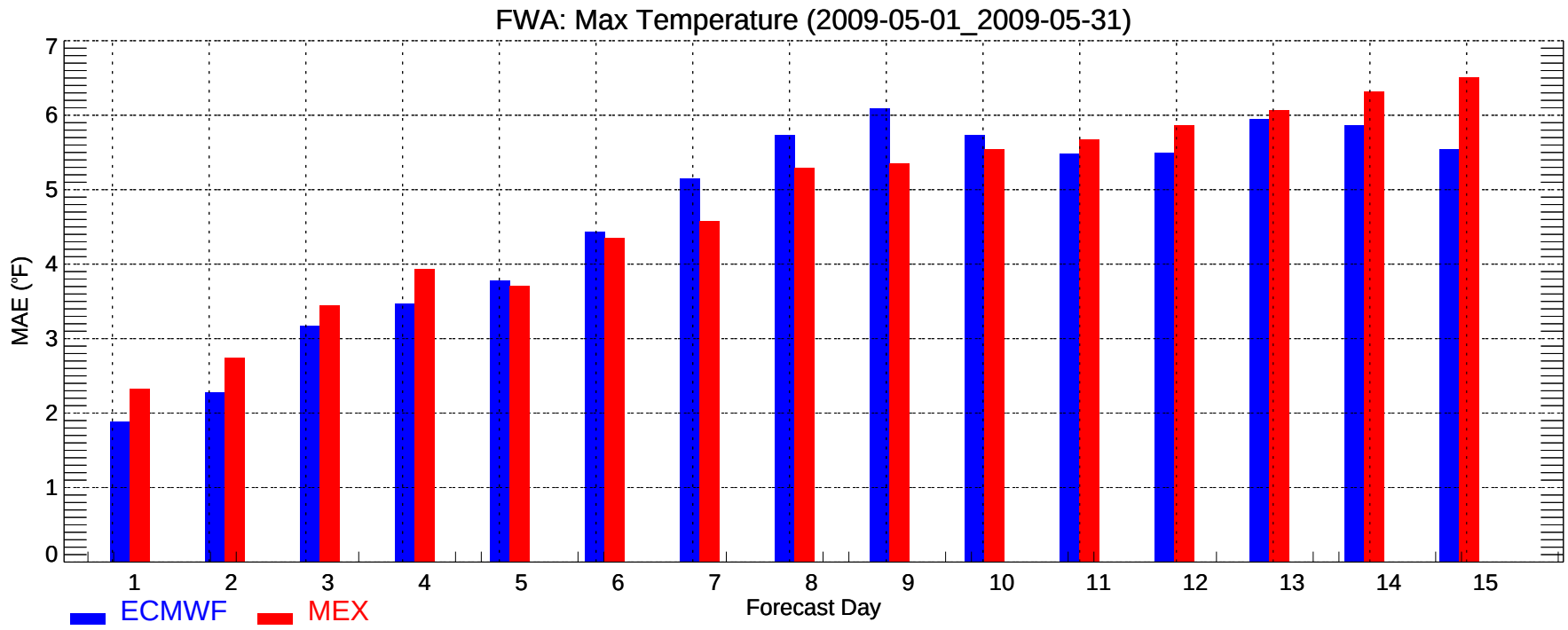
Forecast Day
ECMWF
MEX


FWA: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
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1
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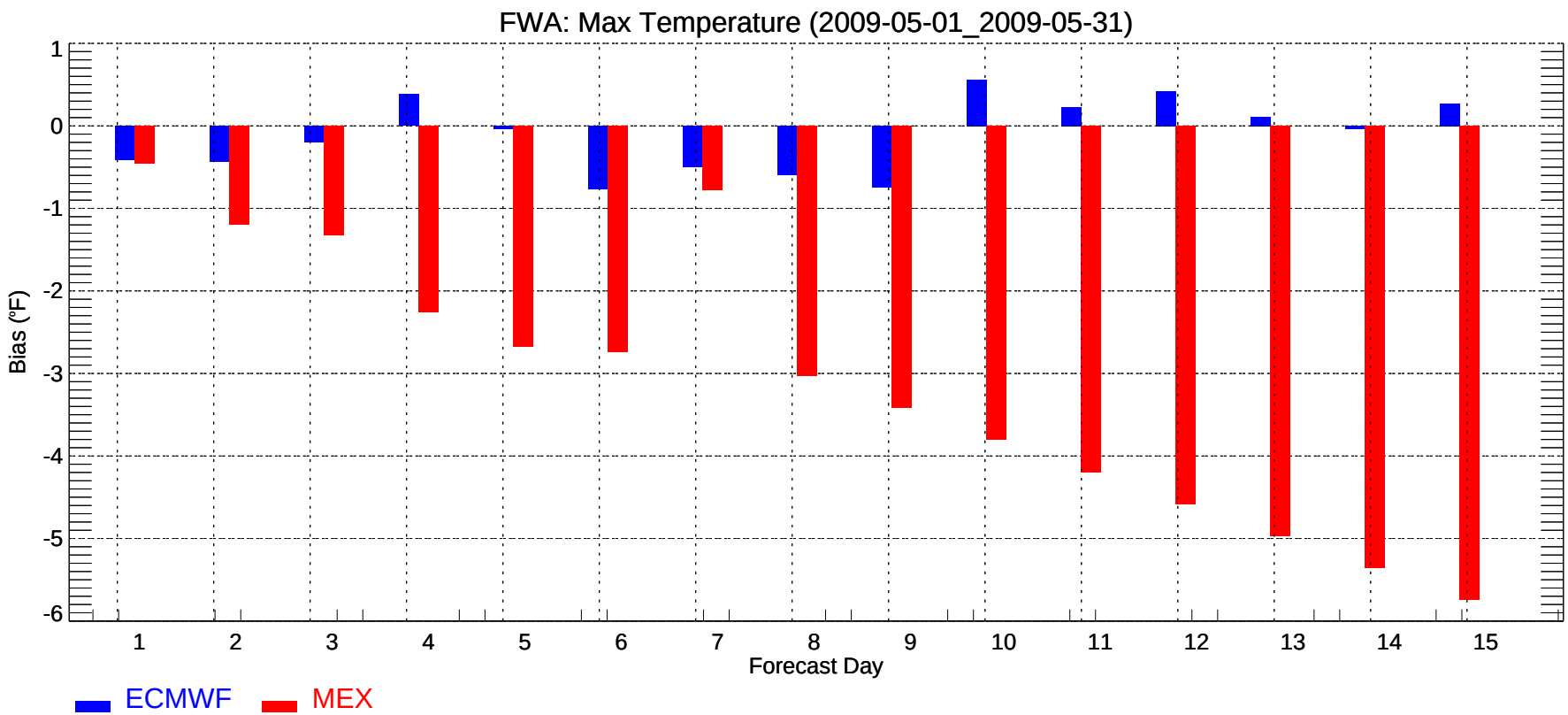
Forecast Day
ECMWF
MEX


FWA: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
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-5
-6
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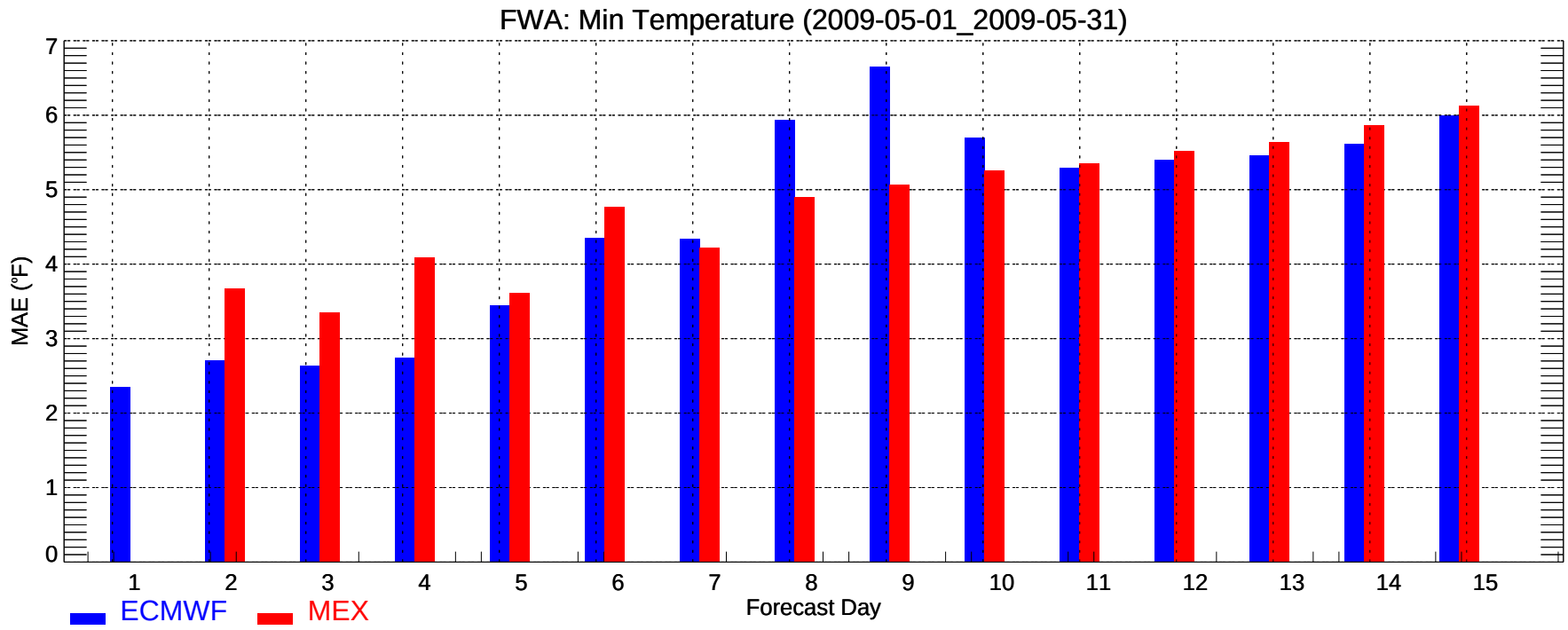
Forecast Day
ECMWF
MEX


FWA: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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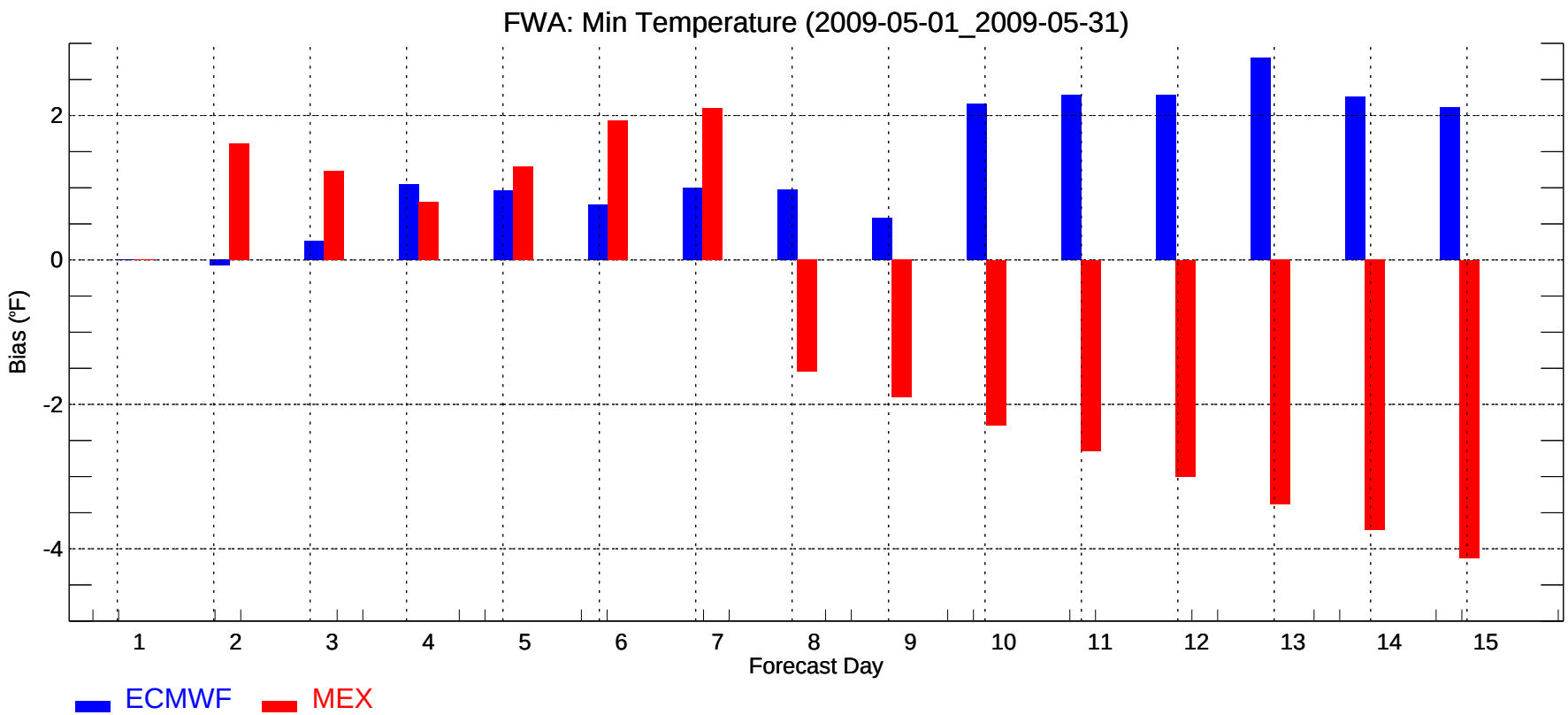
Forecast Day
ECMWF
MEX


FWA: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
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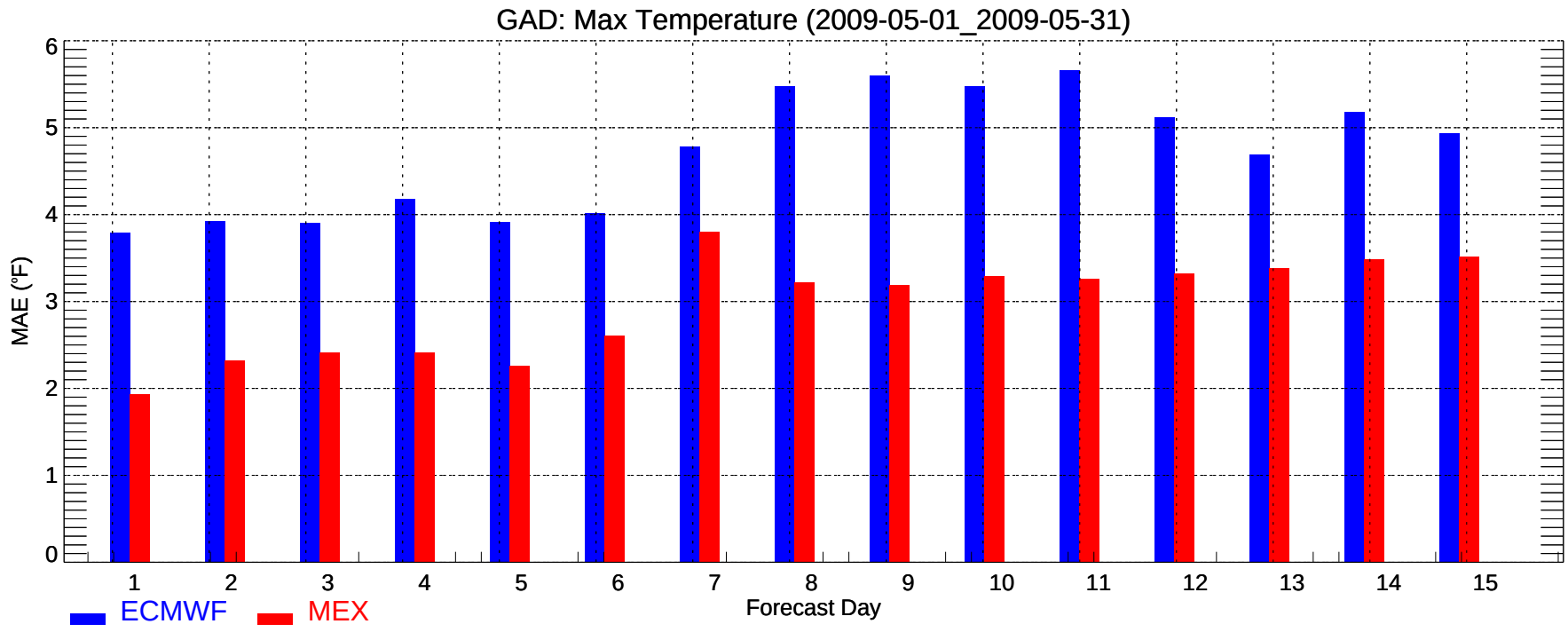
Forecast Day
ECMWF
MEX


GAD: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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6
1
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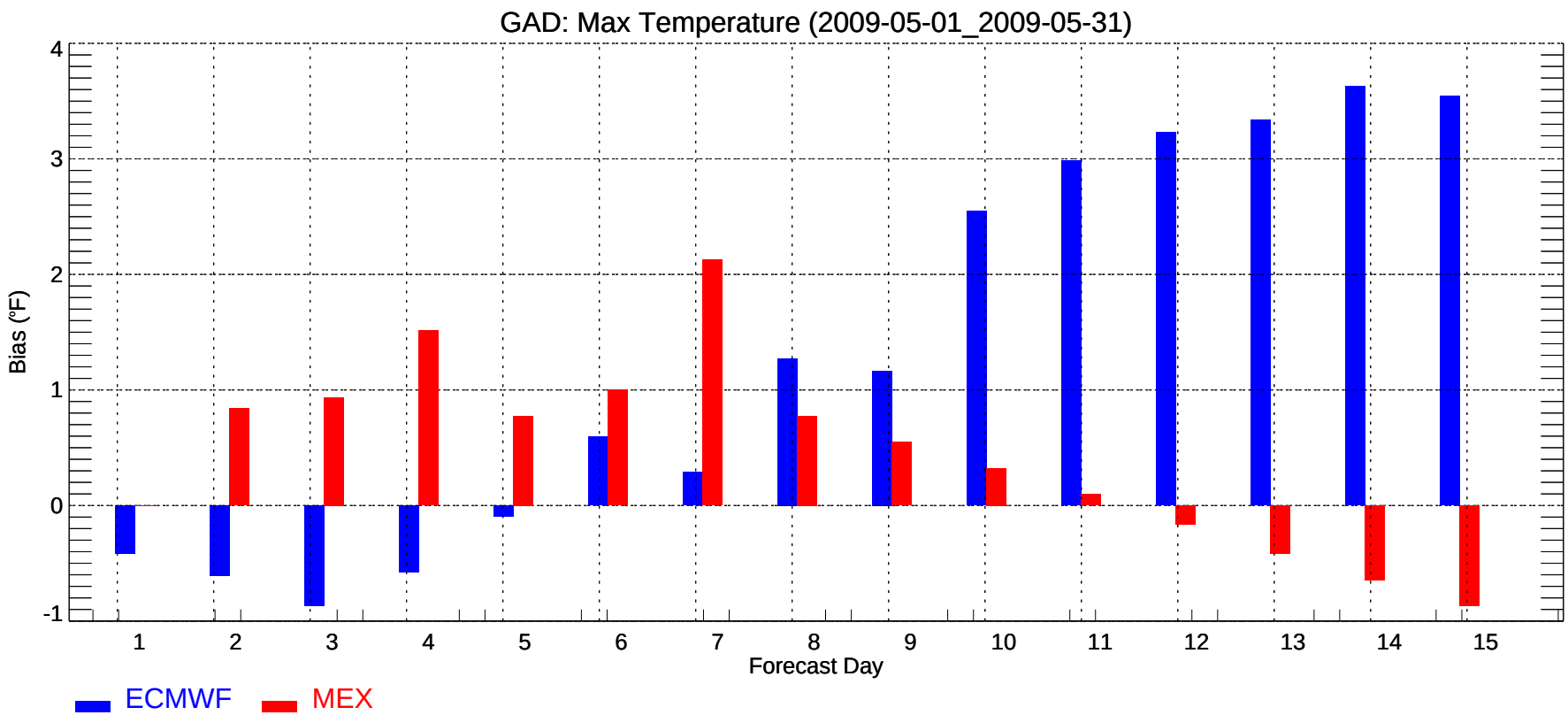
14
15
Forecast Day
ECMWF
MEX


GAD: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
-1
0
1
2
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4
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2
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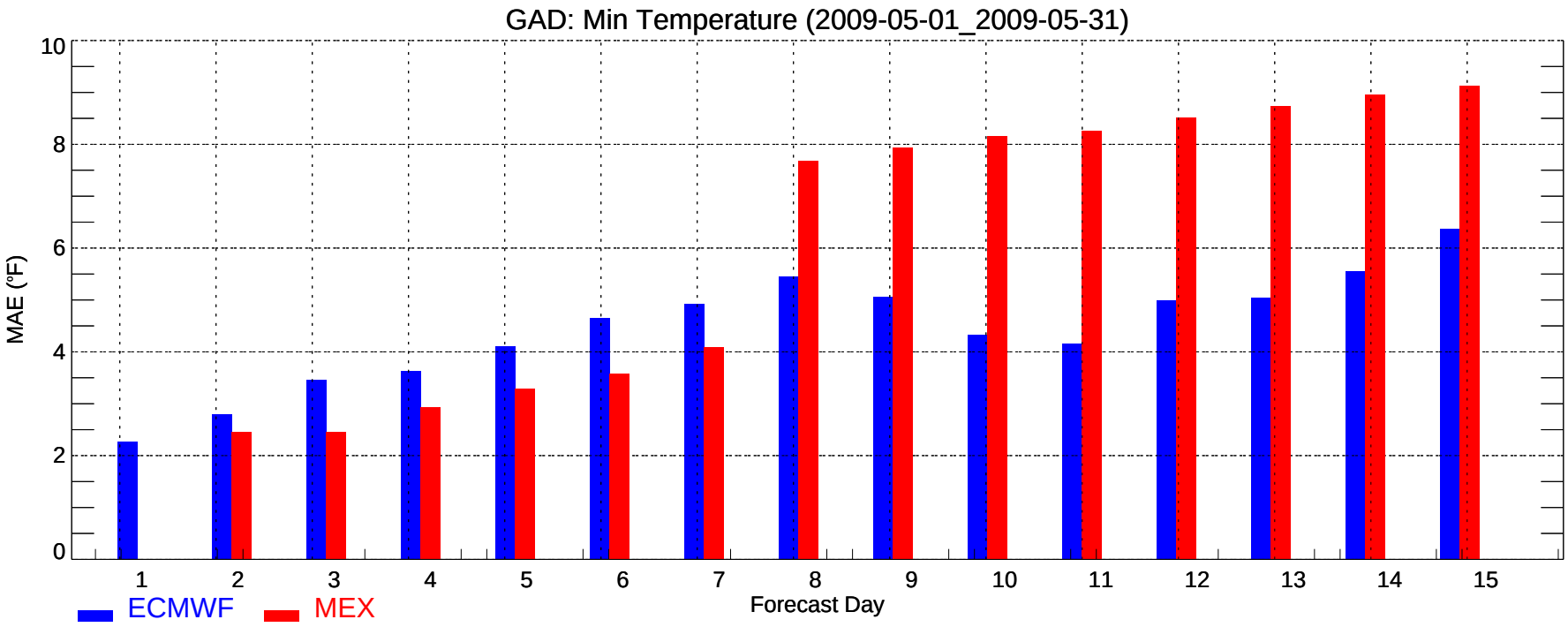
Forecast Day
ECMWF
MEX


GAD: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
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7
8
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10
11
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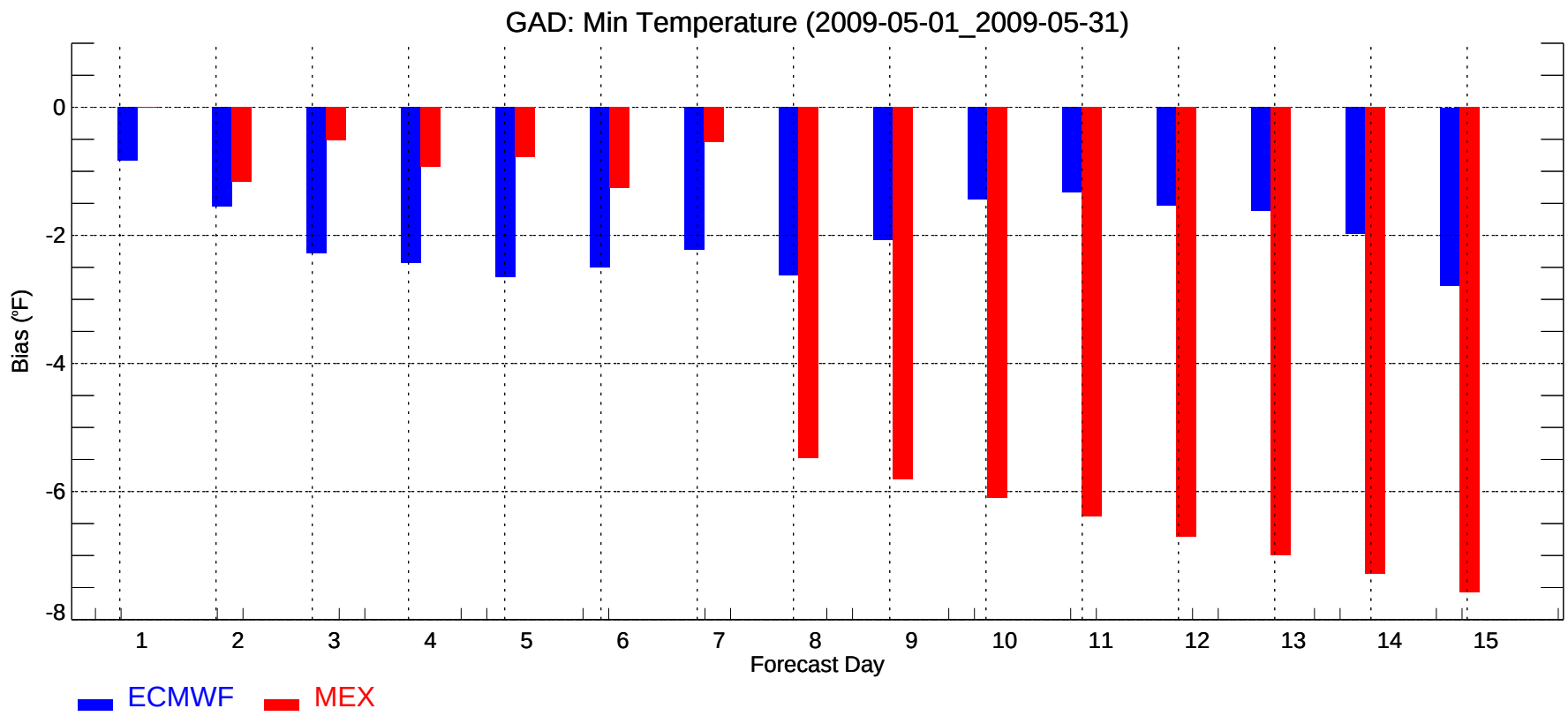
13
14
15
Forecast Day
ECMWF
MEX


GAD: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
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4
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6
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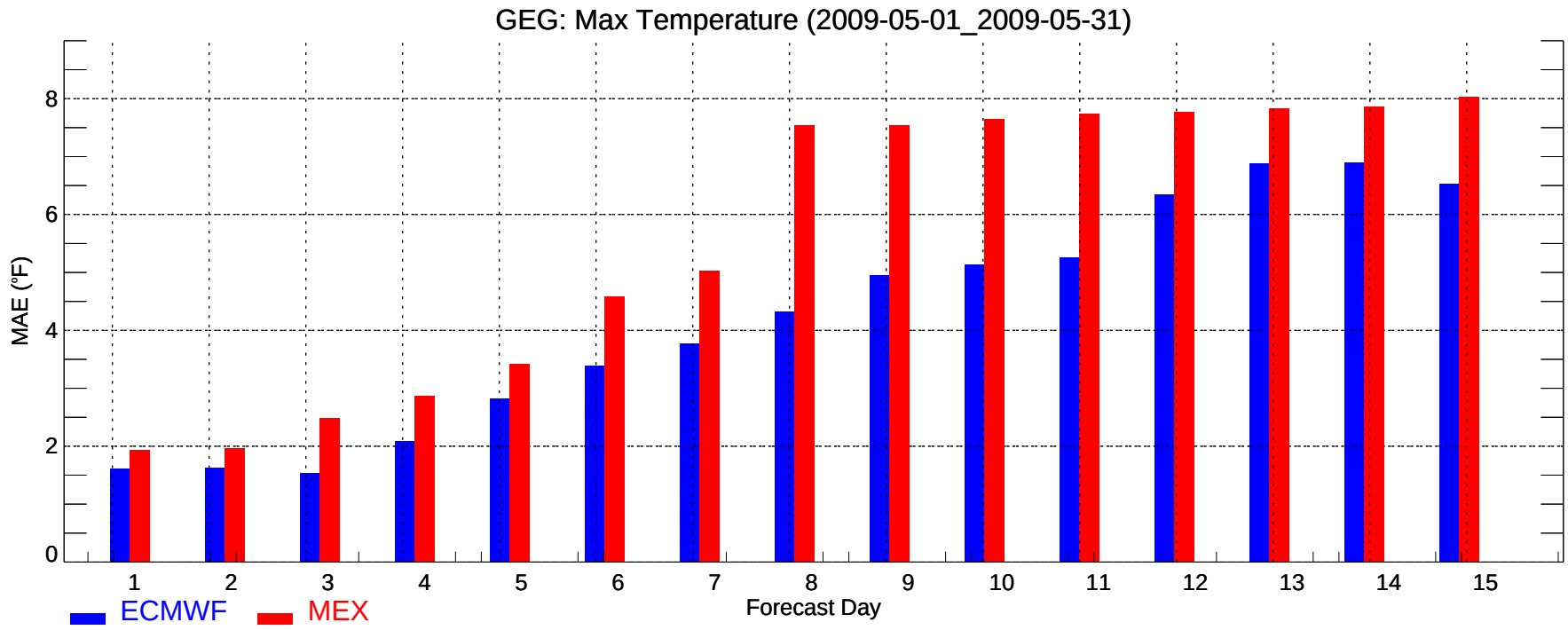
Forecast Day
ECMWF
MEX


GEG: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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8
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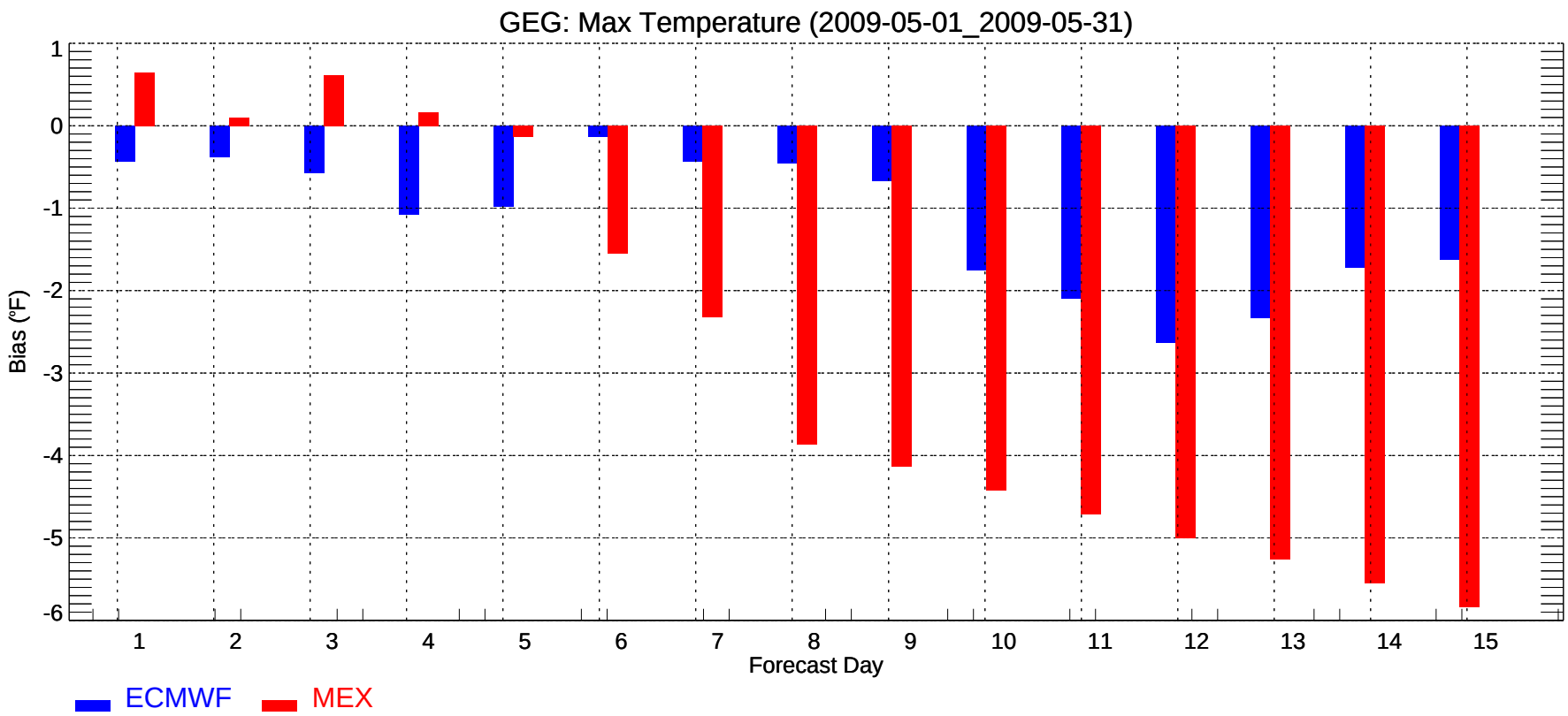
Forecast Day
ECMWF
MEX


GEG: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
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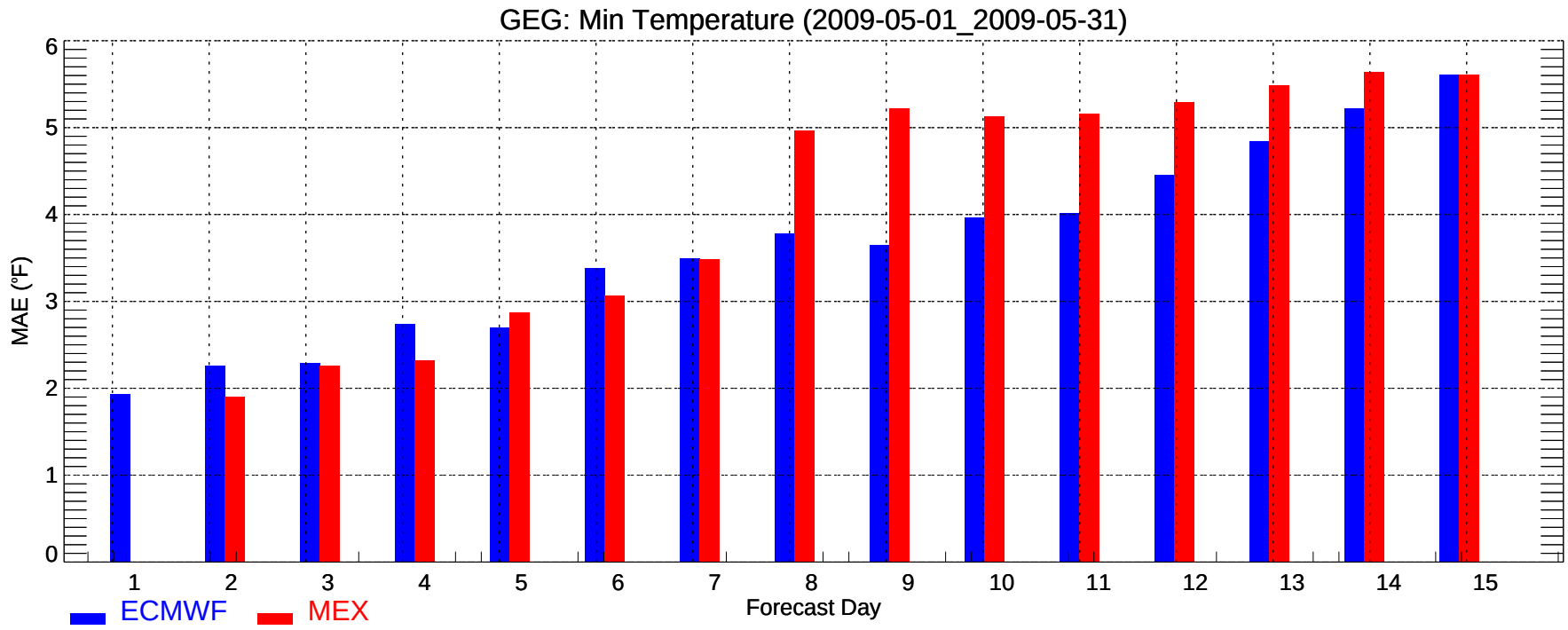
Forecast Day
ECMWF
MEX


GEG: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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1
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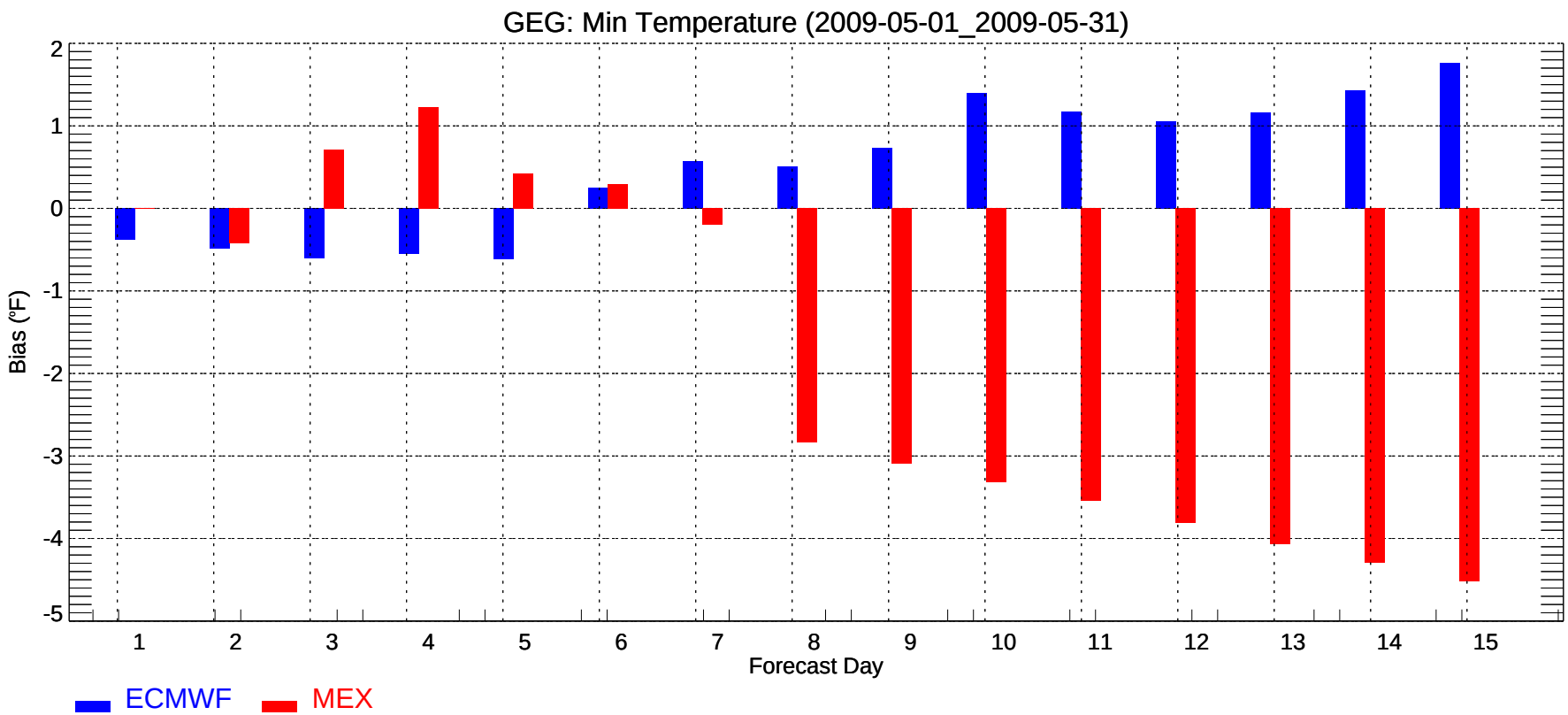
Forecast Day
ECMWF
MEX


GEG: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-1
-2
-3
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-5
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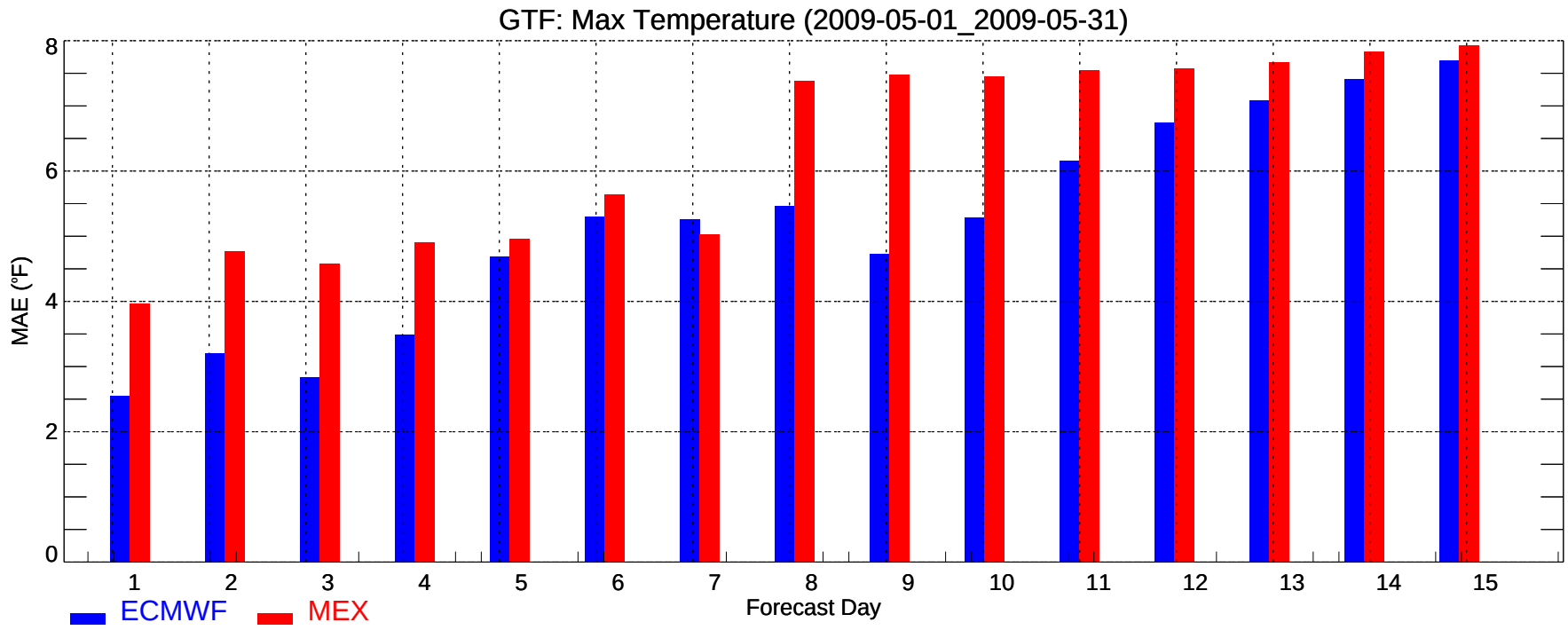
Forecast Day
ECMWF
MEX


GTF: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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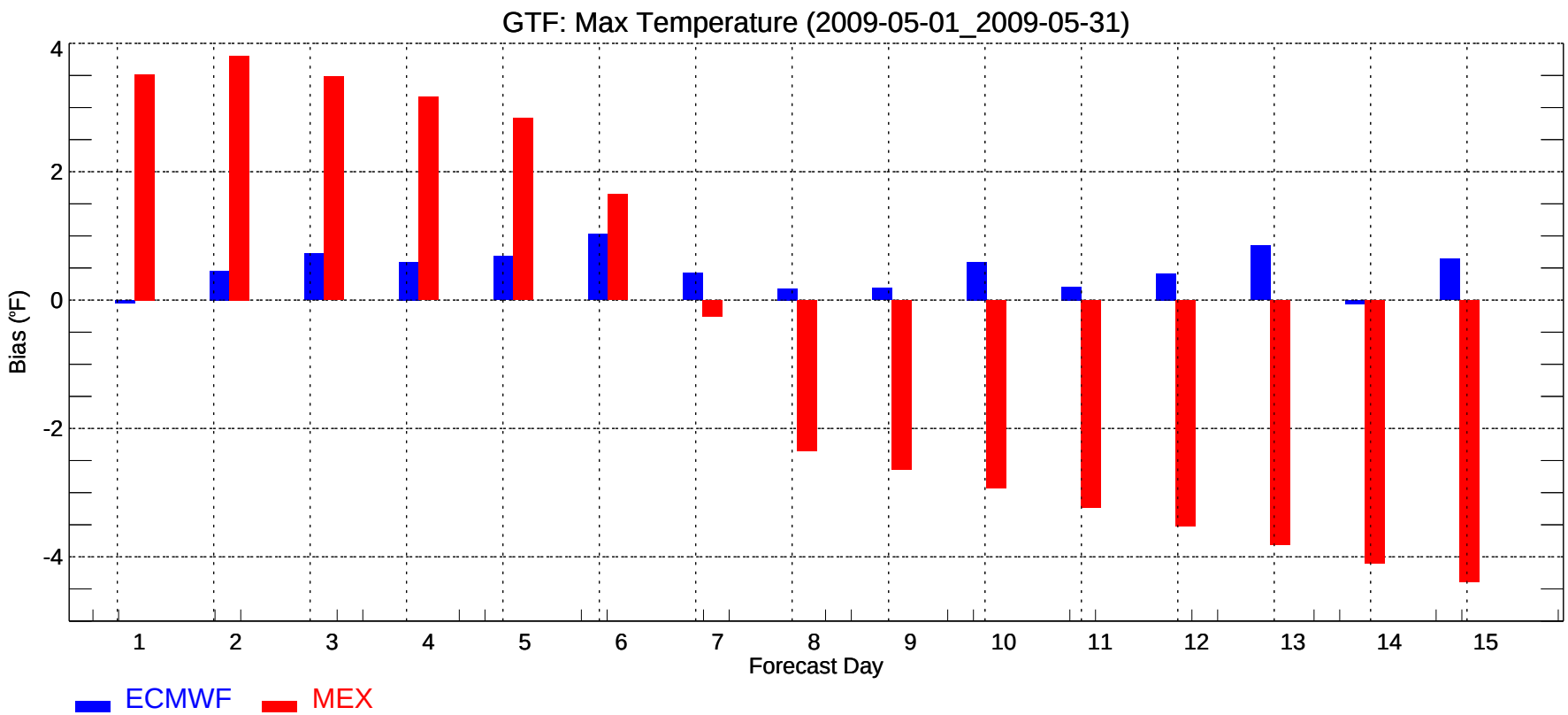
Forecast Day
ECMWF
MEX


GTF: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-4
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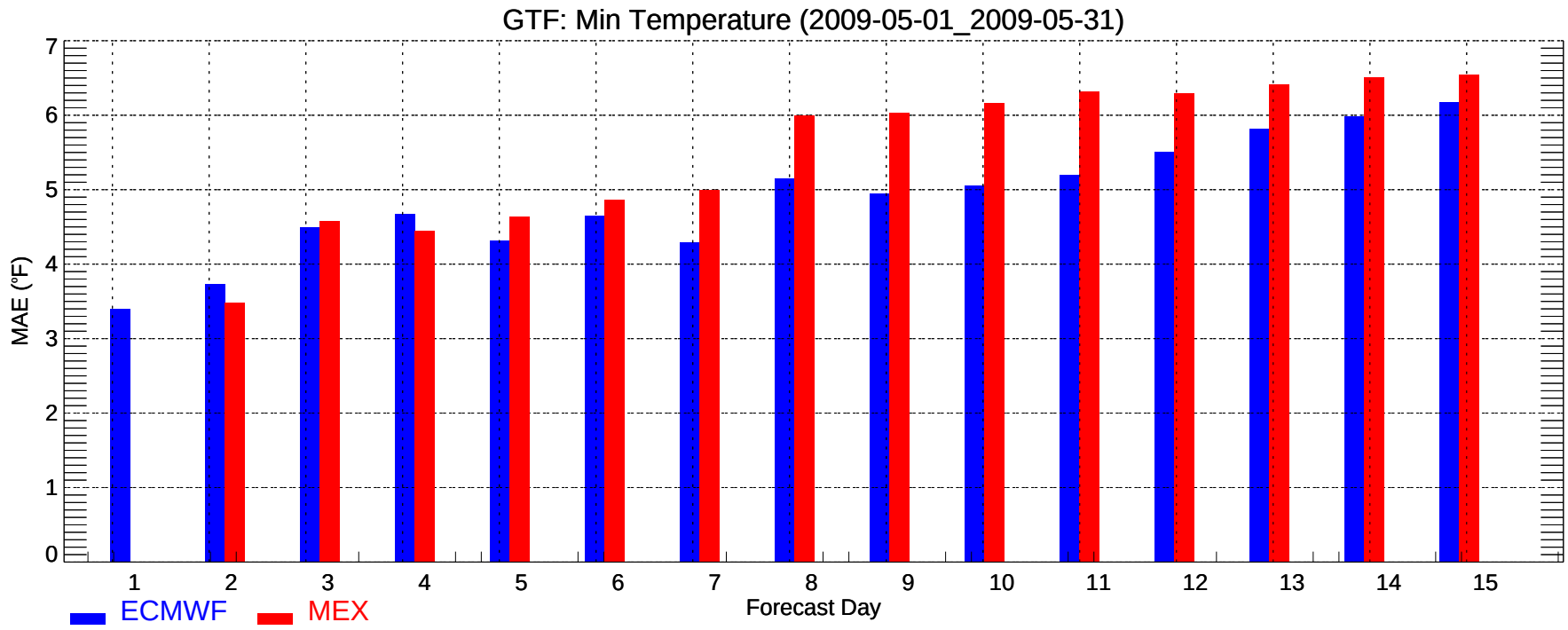
Forecast Day
ECMWF
MEX


GTF: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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1
2
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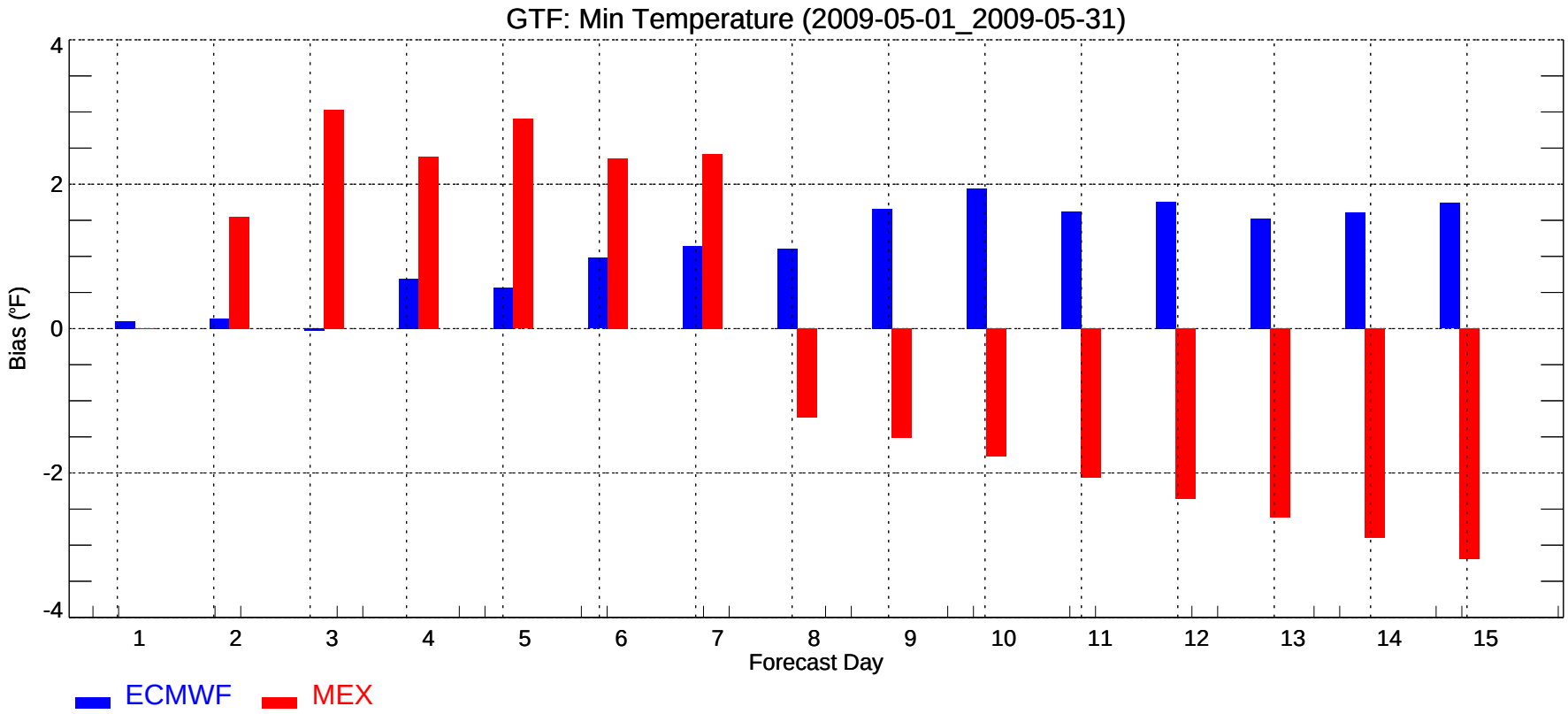
Forecast Day
ECMWF
MEX


GTF: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-2
-4
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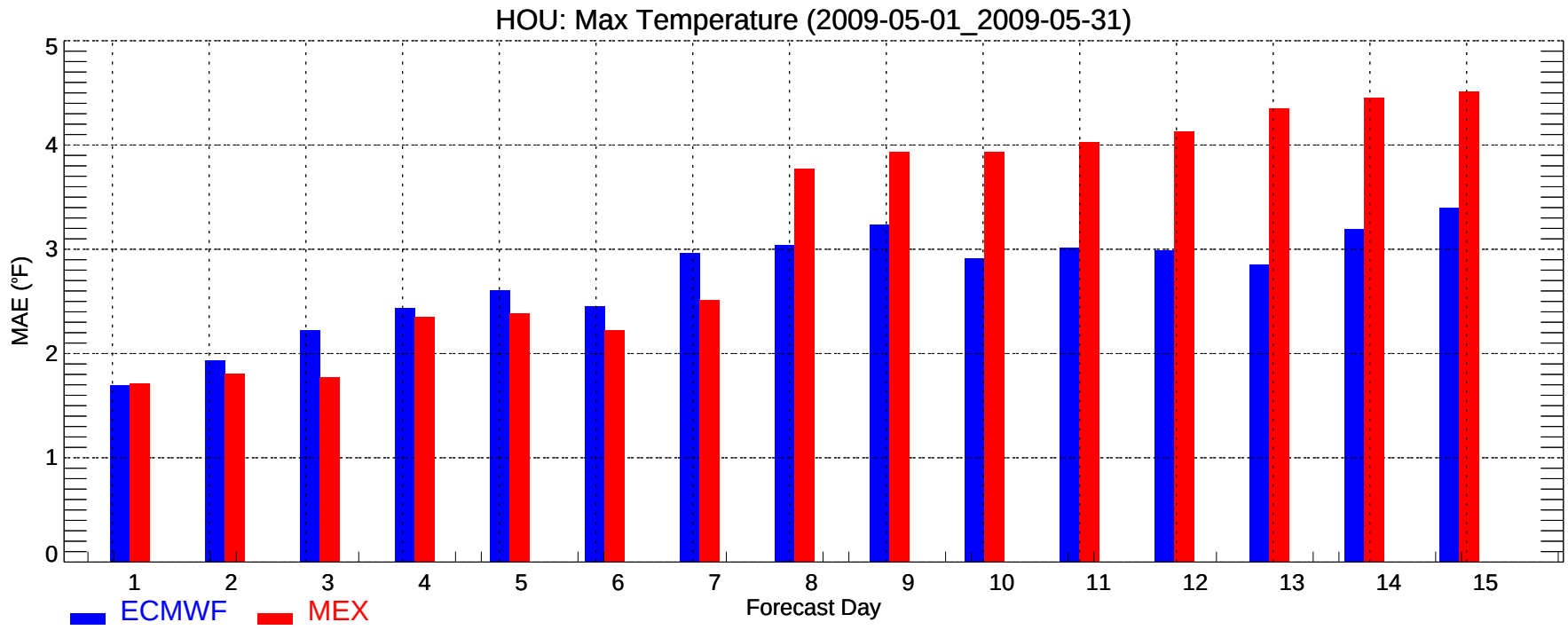
Forecast Day
ECMWF
MEX


HOU: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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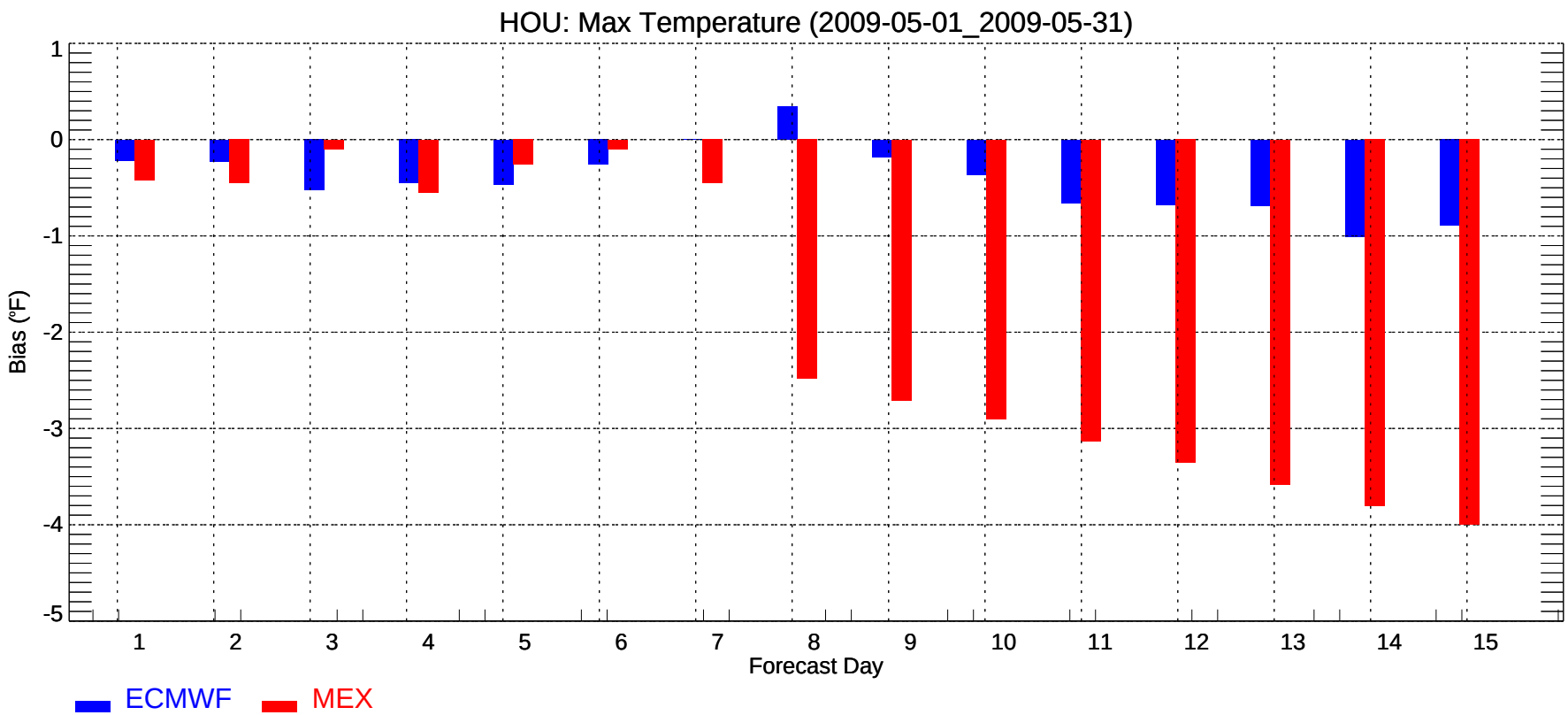
15
Forecast Day
ECMWF
MEX


HOU: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
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-1
-2
-3
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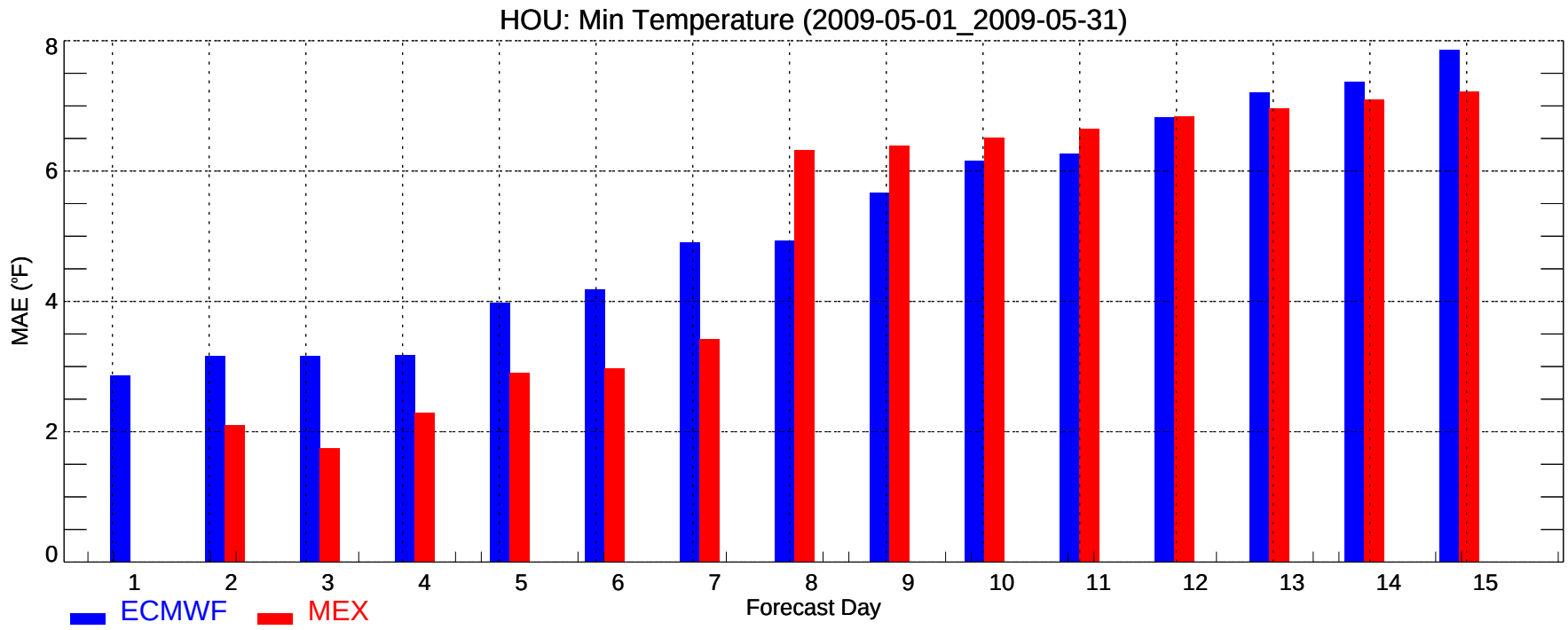
Forecast Day
ECMWF
MEX


HOU: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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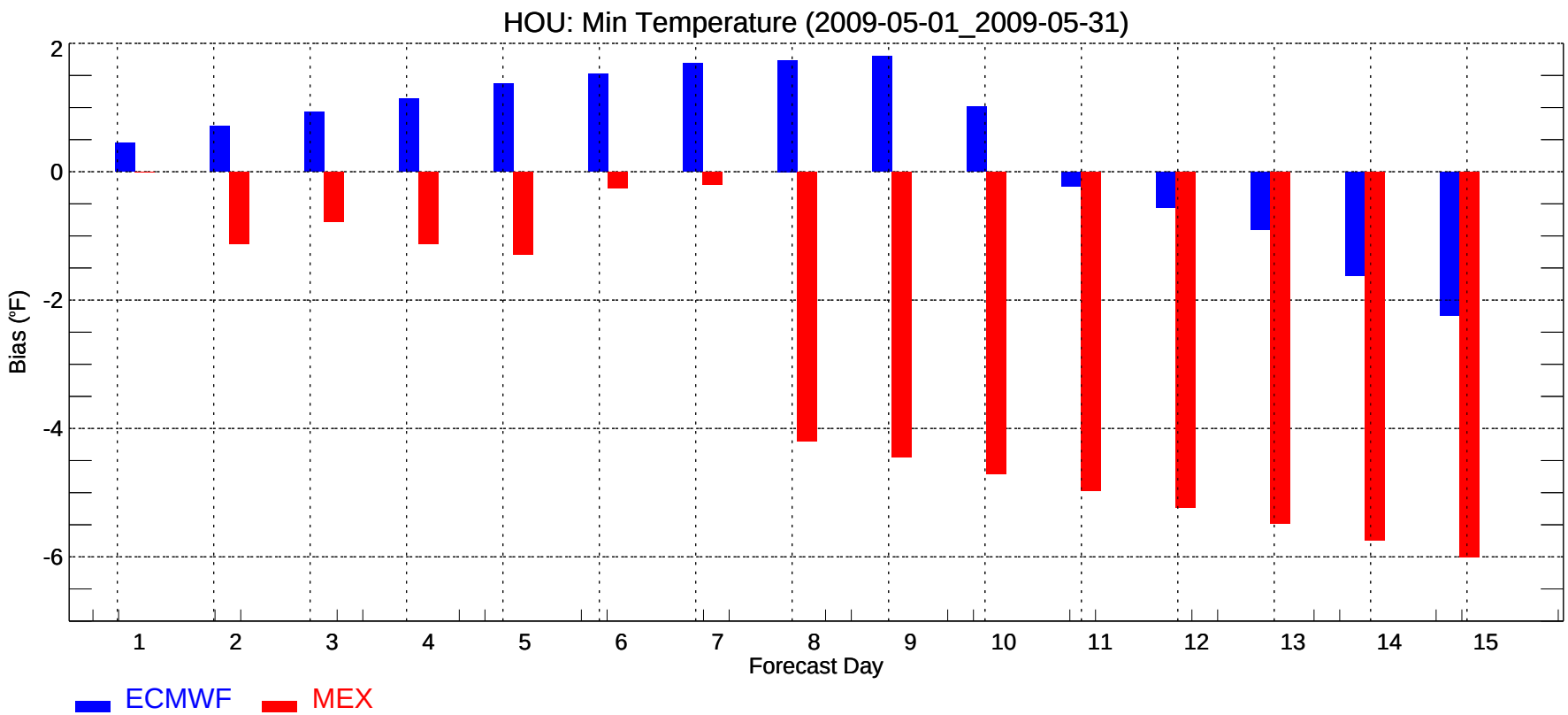
Forecast Day
ECMWF
MEX


HOU: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-2
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-6
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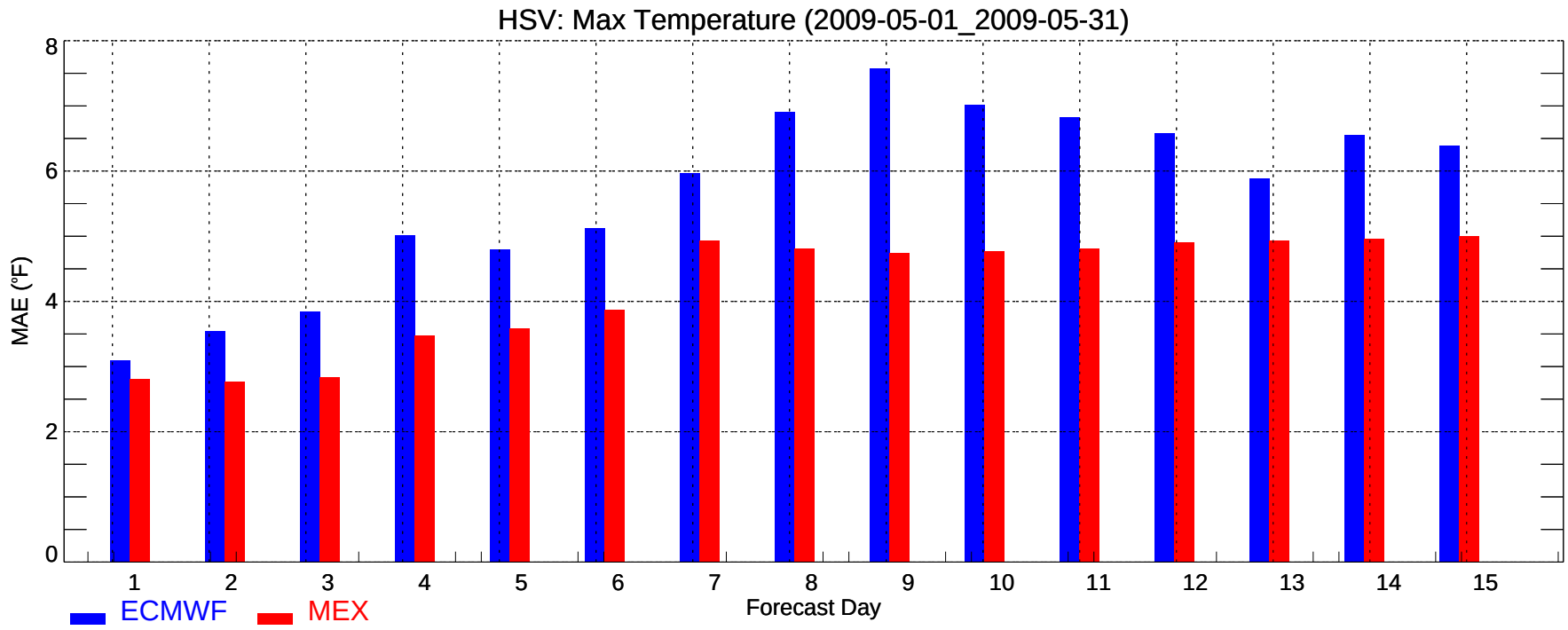
Forecast Day
ECMWF
MEX


HSV: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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14
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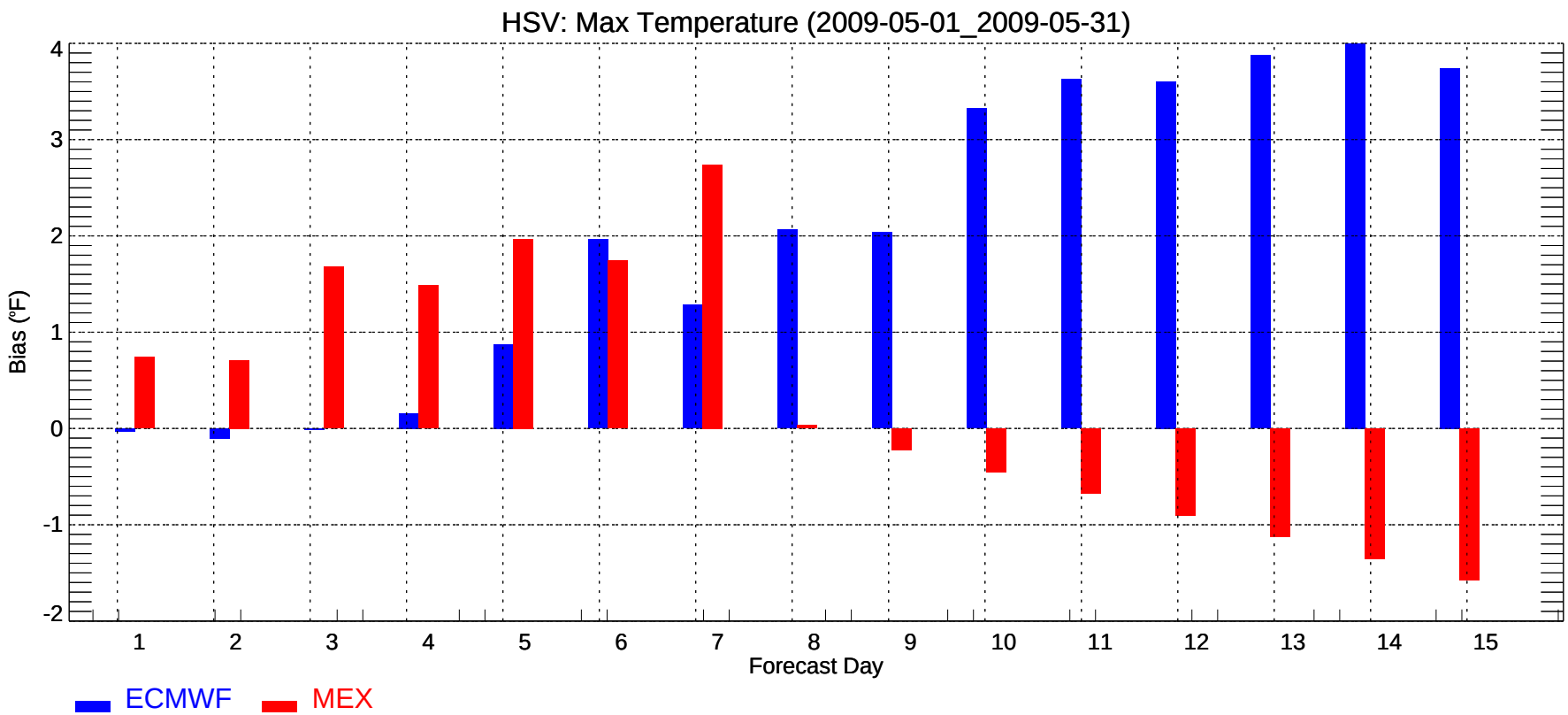
Forecast Day
ECMWF
MEX


HSV: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
-2
-1
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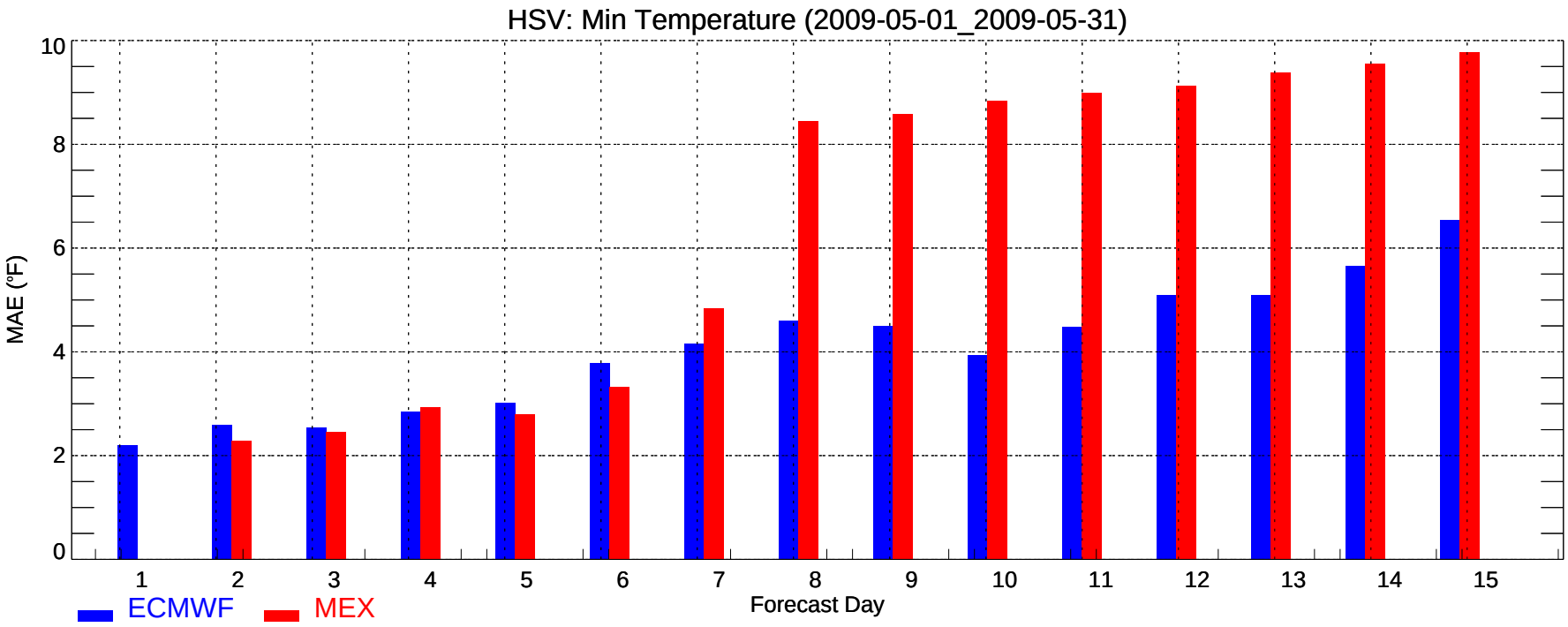
Forecast Day
ECMWF
MEX


HSV: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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2
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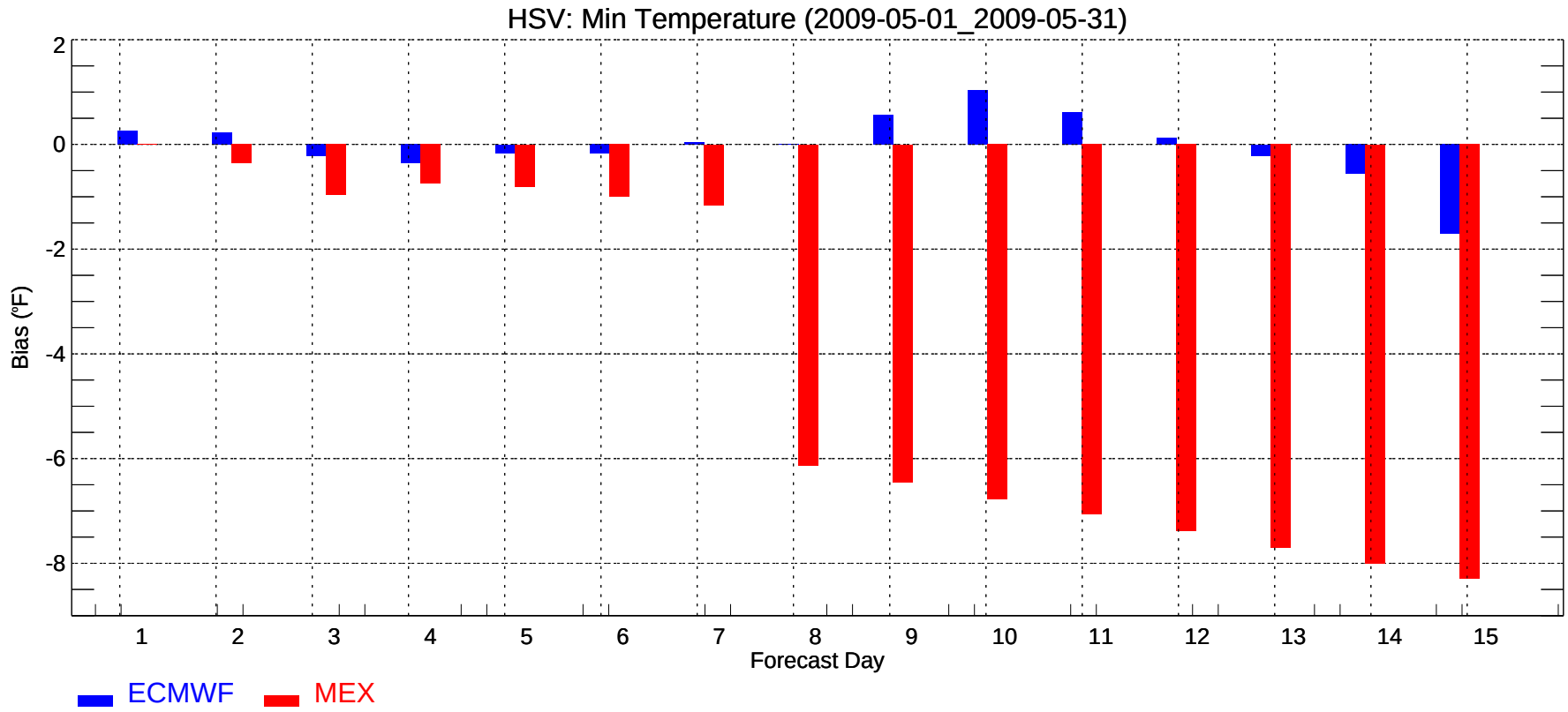
Forecast Day
ECMWF
MEX


HSV: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
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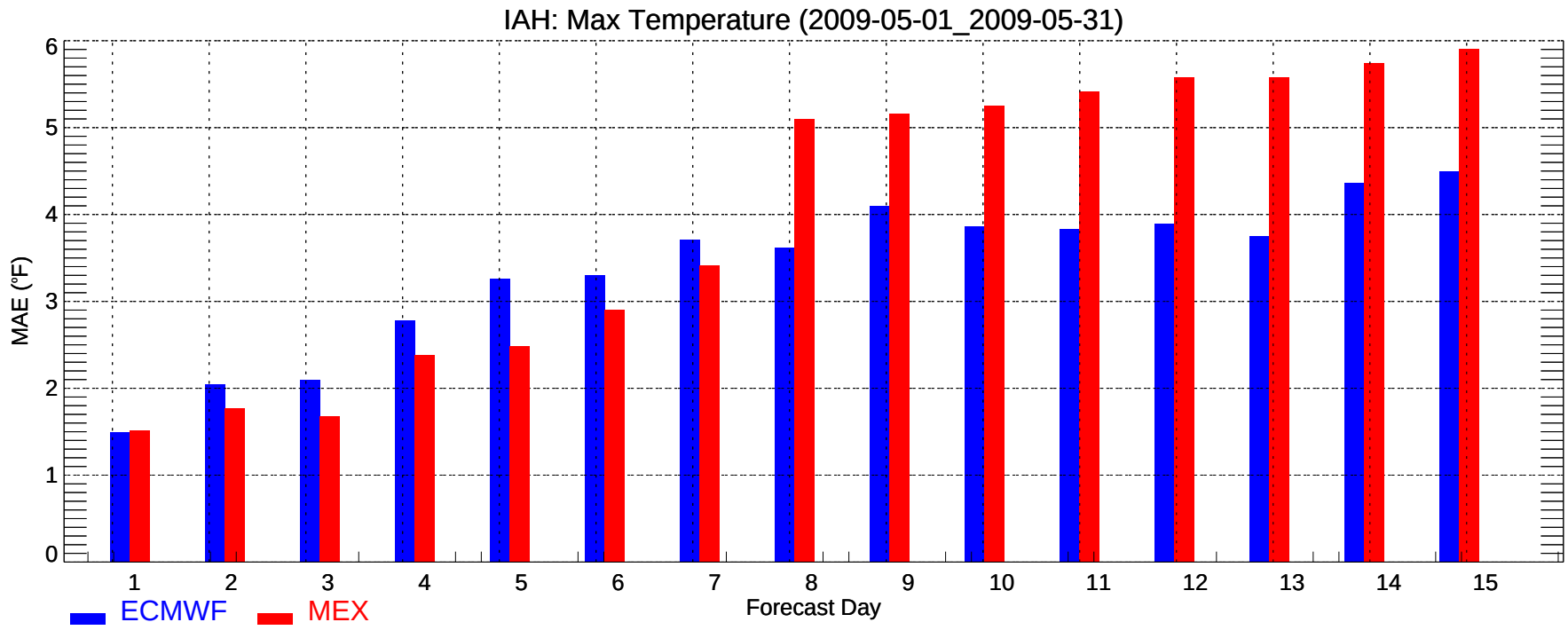
Forecast Day
ECMWF
MEX


IAH: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
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1
2
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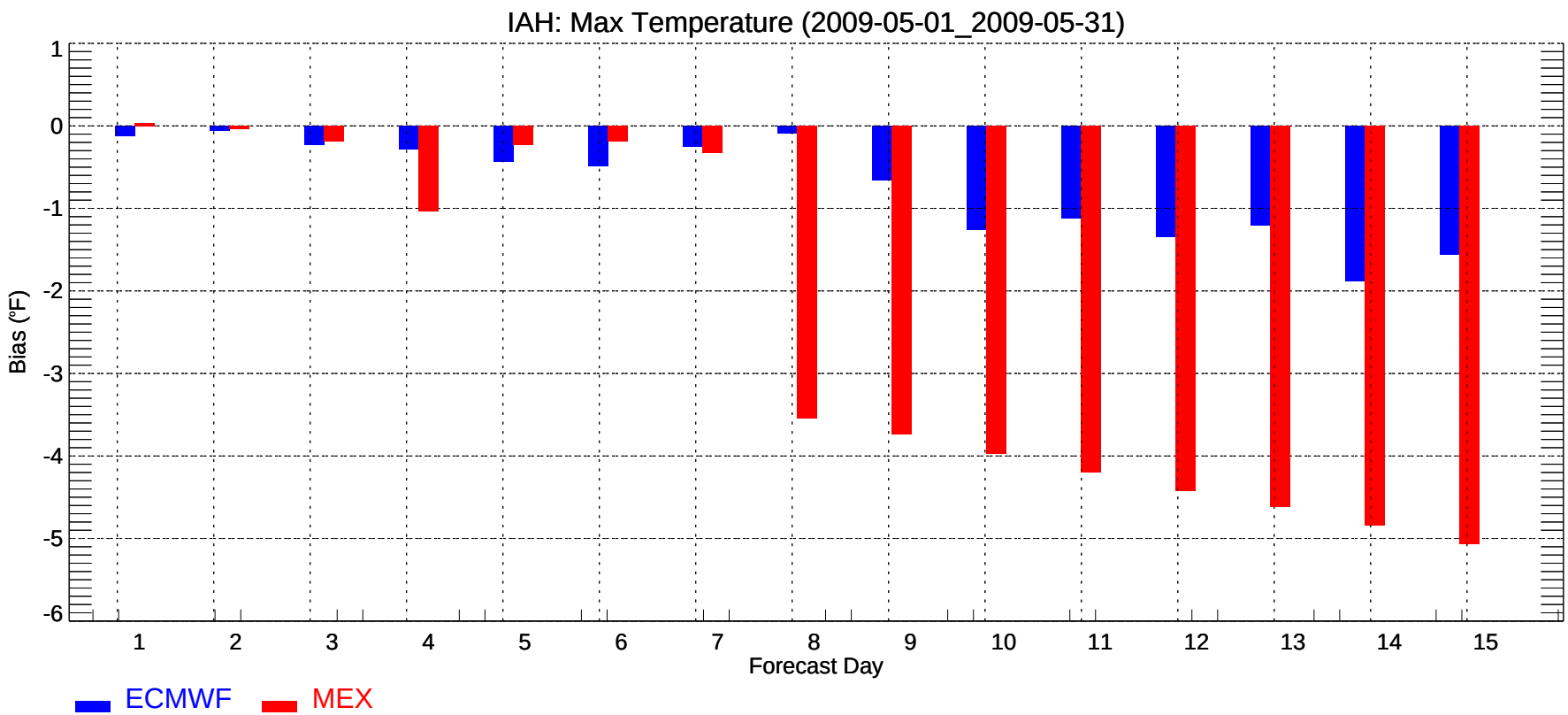
Forecast Day
ECMWF
MEX


IAH: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
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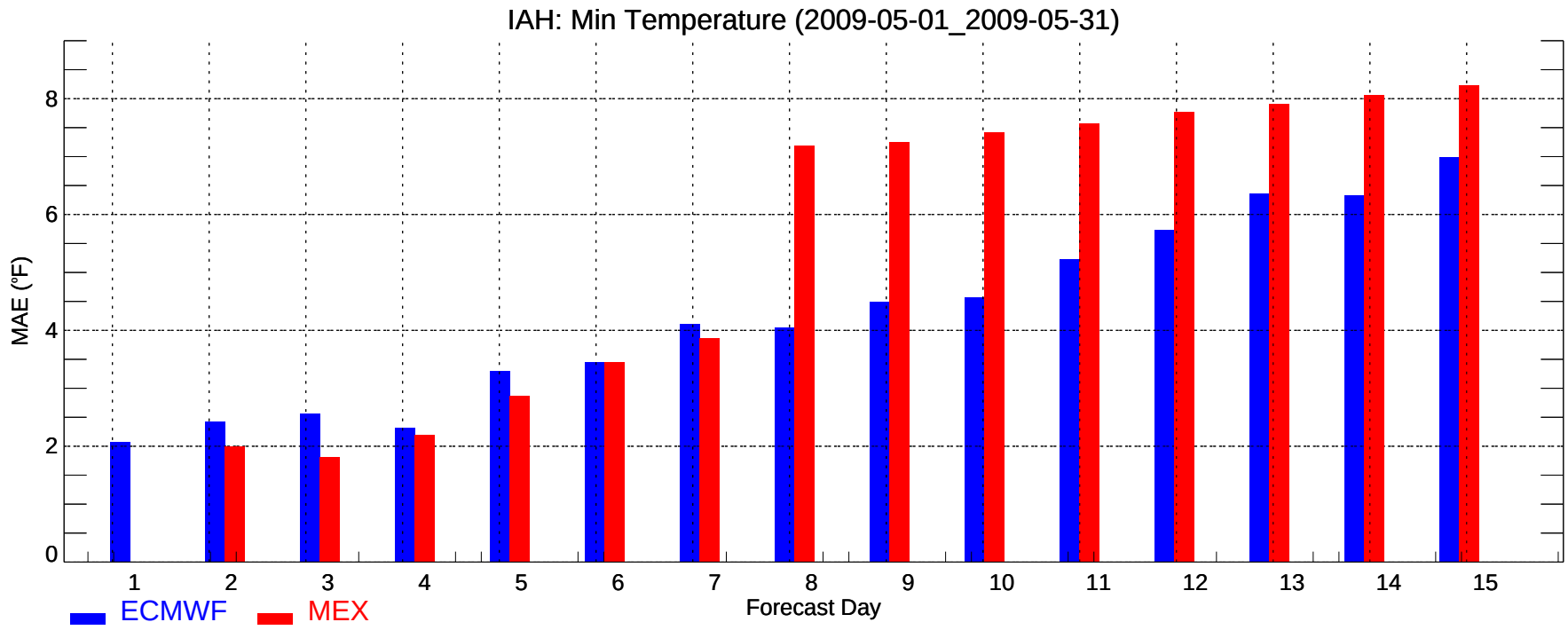
Forecast Day
ECMWF
MEX


IAH: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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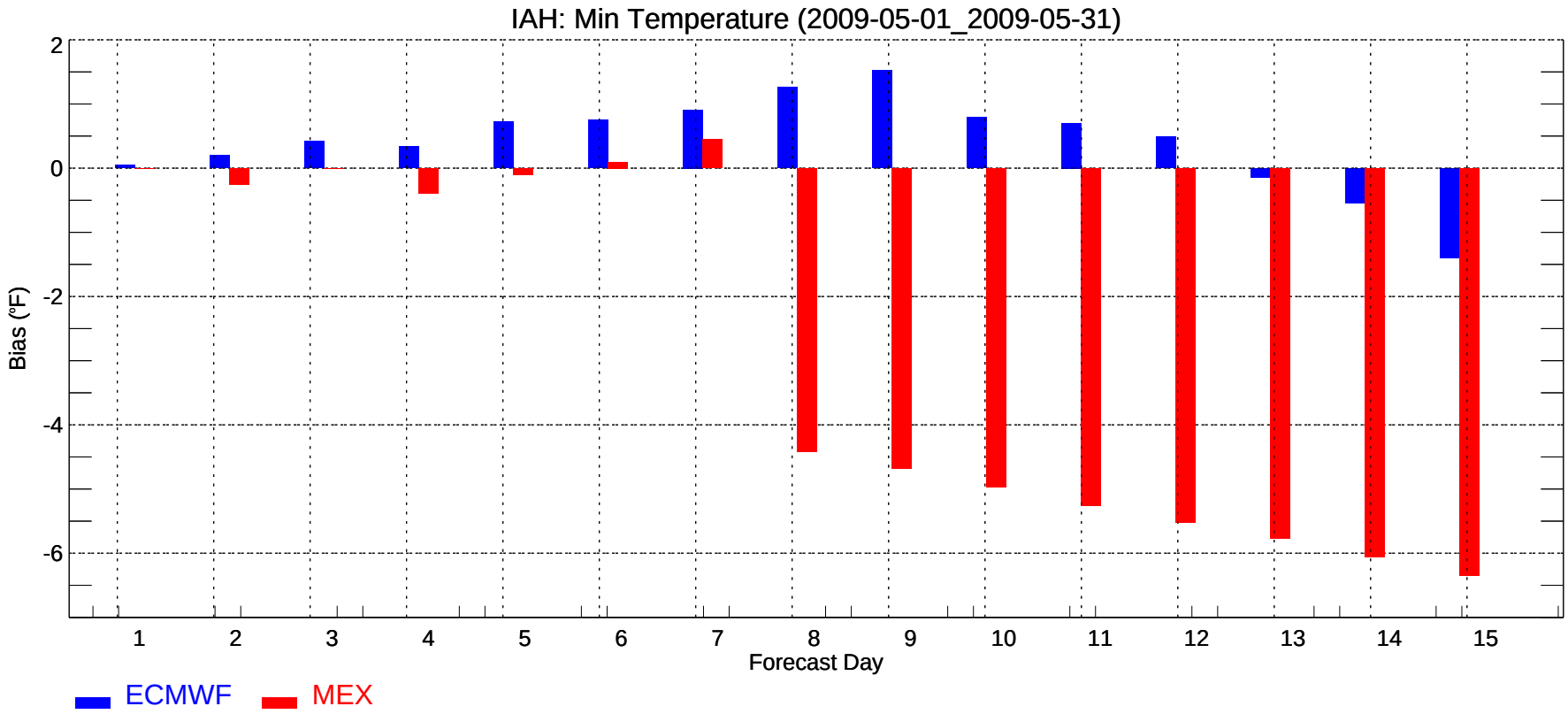
Forecast Day
ECMWF
MEX


IAH: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
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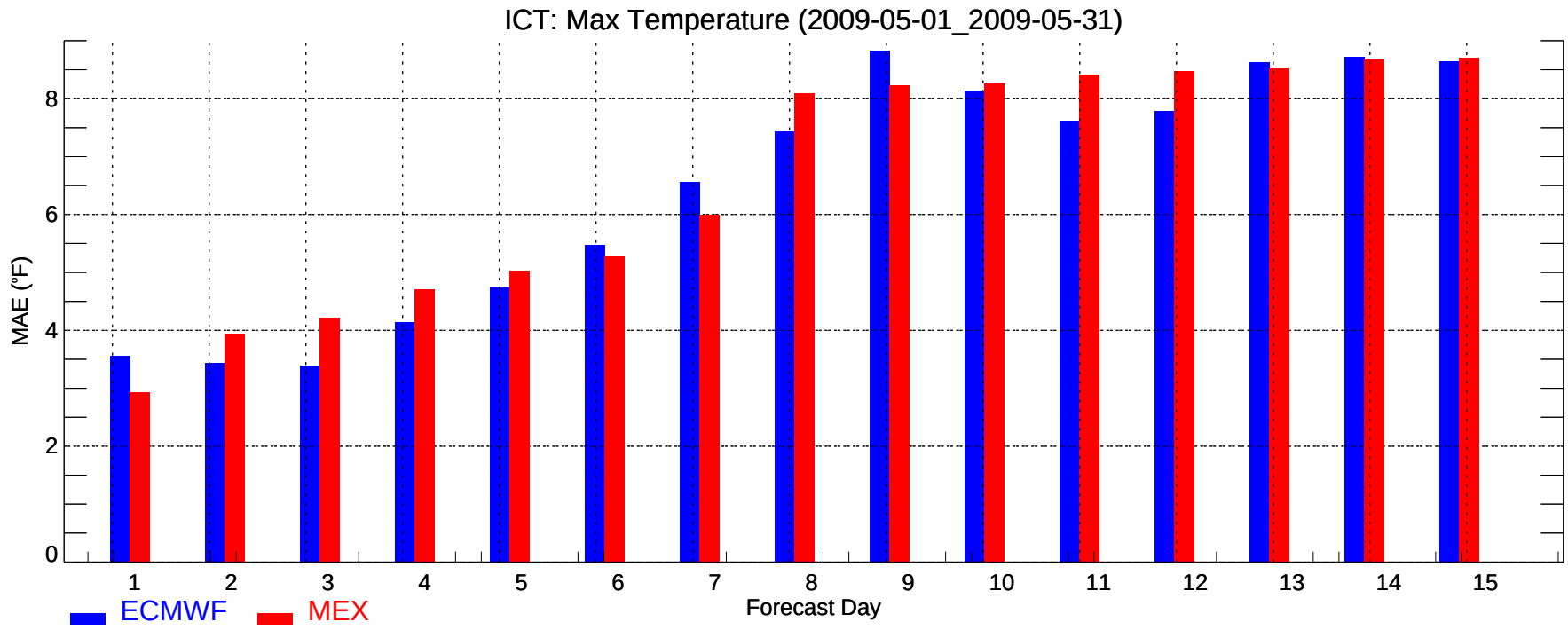
Forecast Day
ECMWF
MEX


ICT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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4
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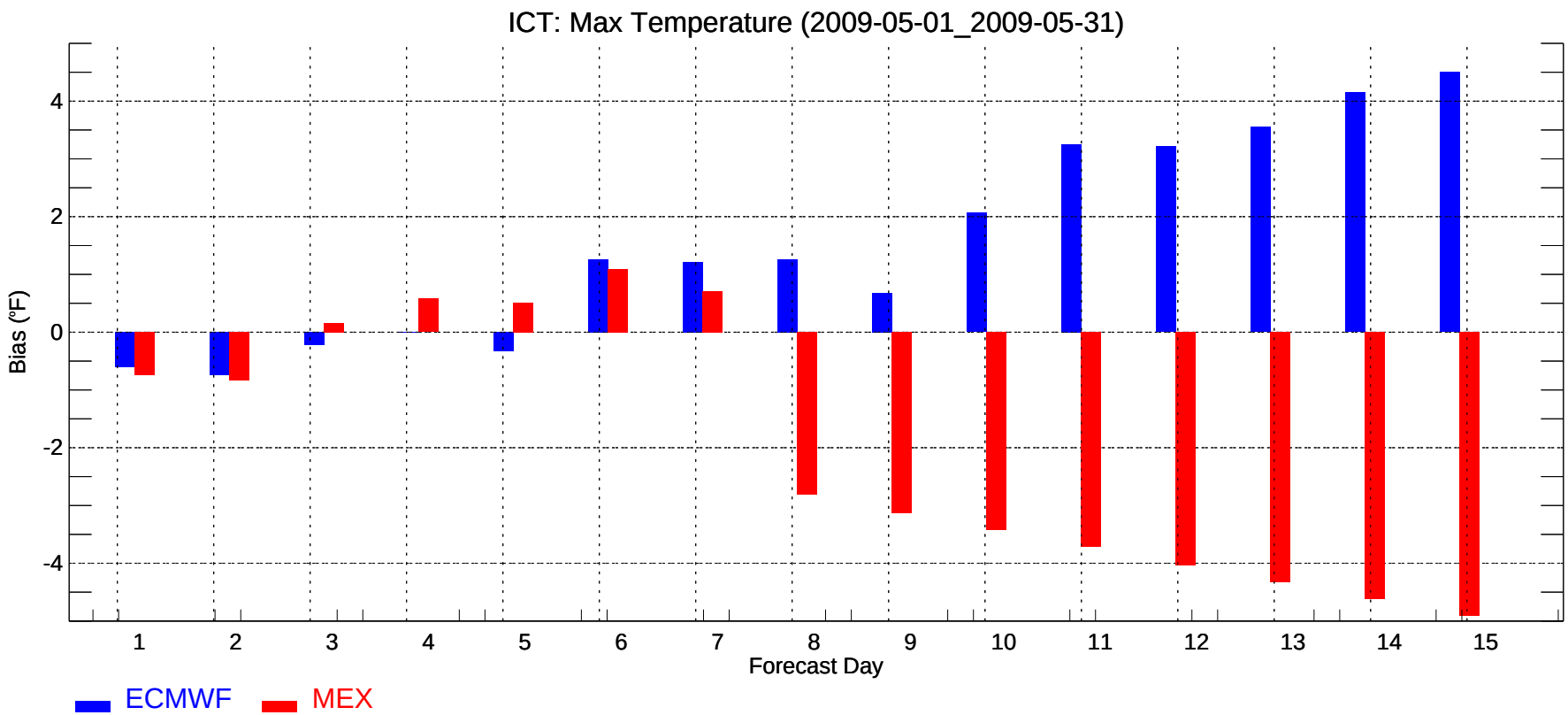
Forecast Day
ECMWF
MEX


ICT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
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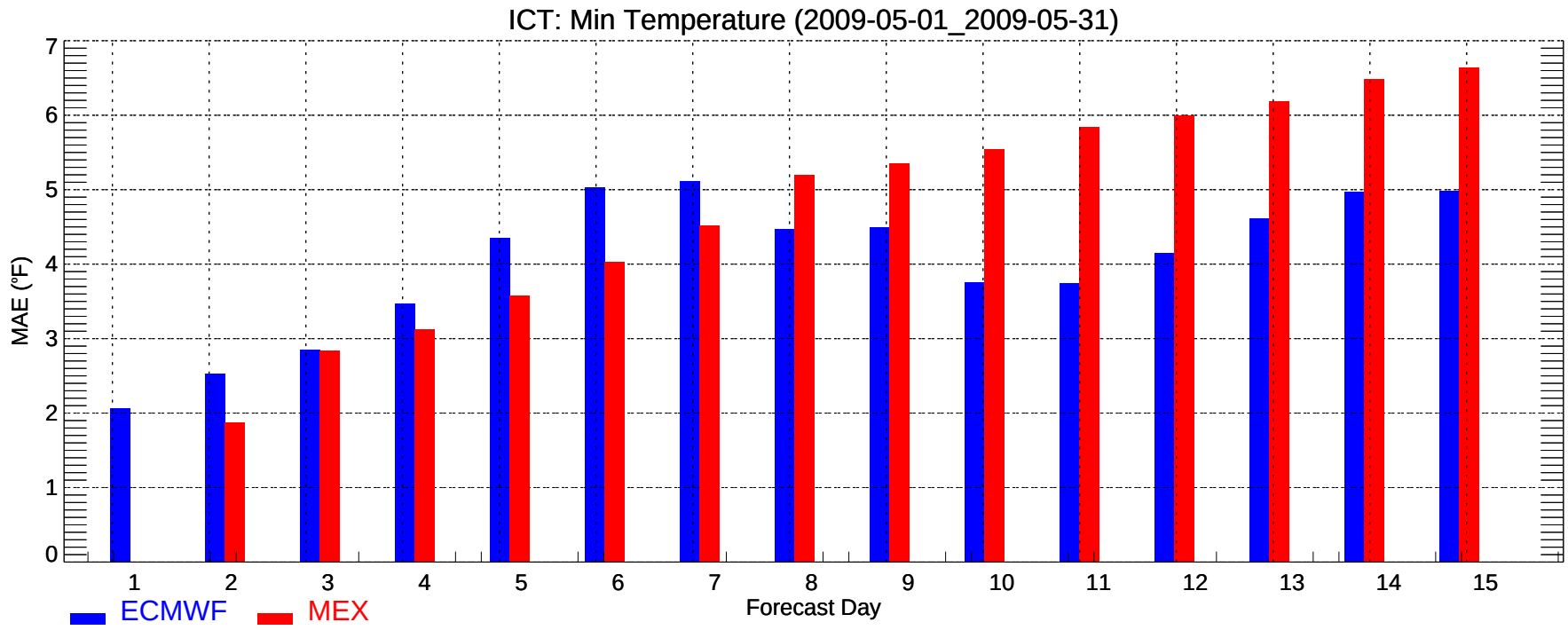
Forecast Day
ECMWF
MEX


ICT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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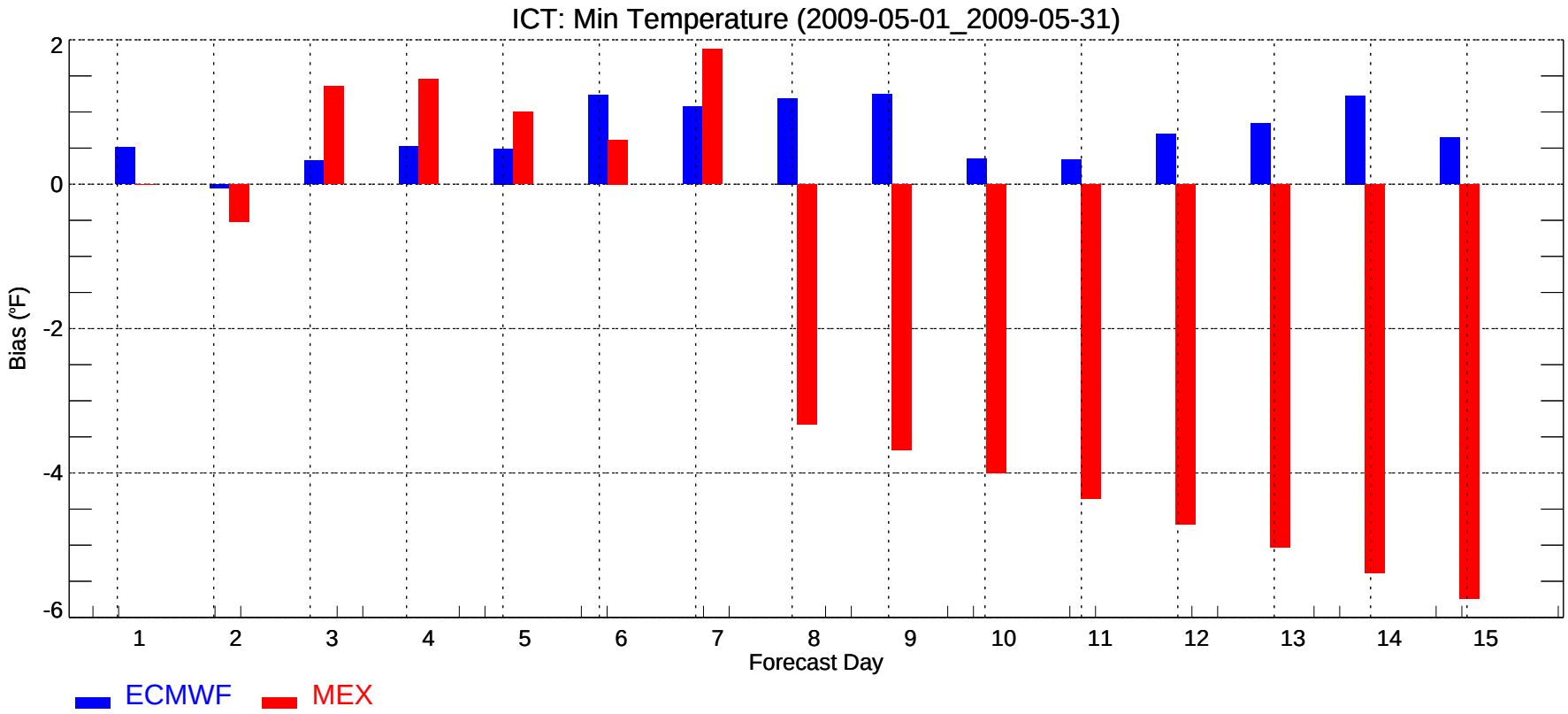
Forecast Day
ECMWF
MEX


ICT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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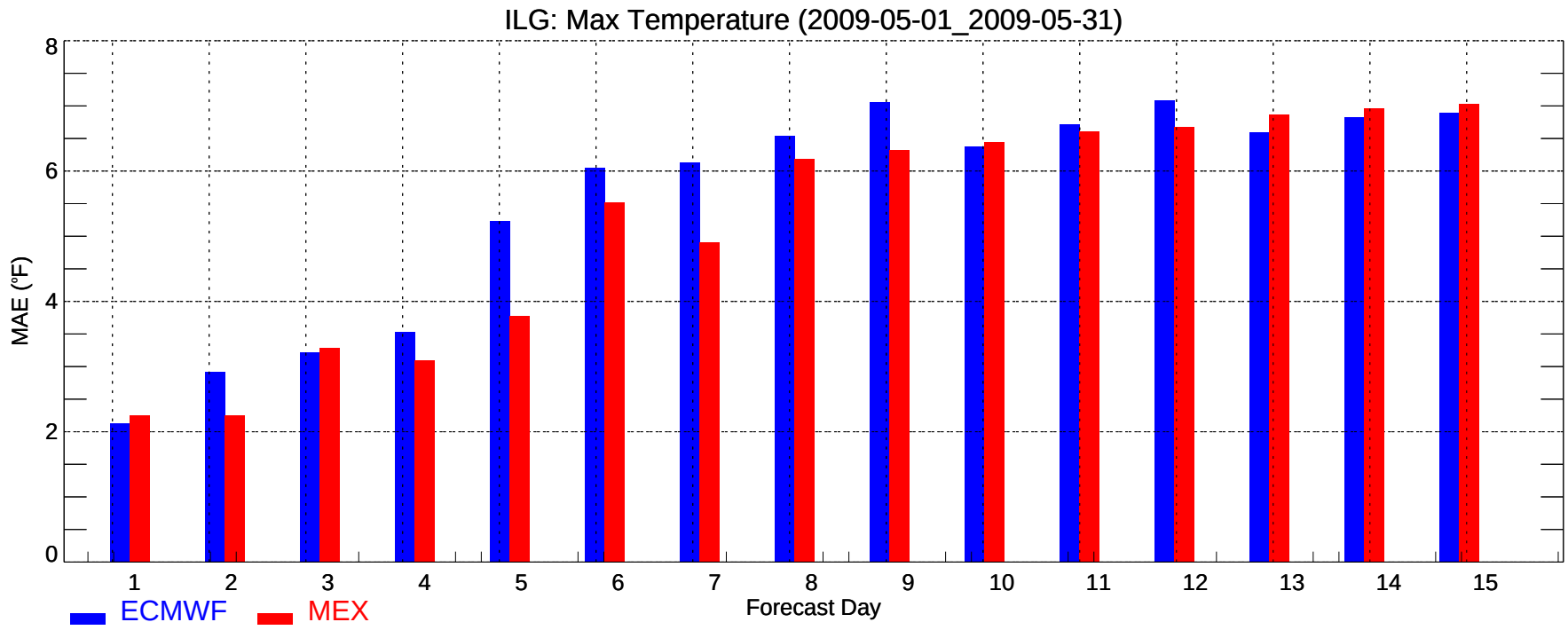
Forecast Day
ECMWF
MEX


ILG: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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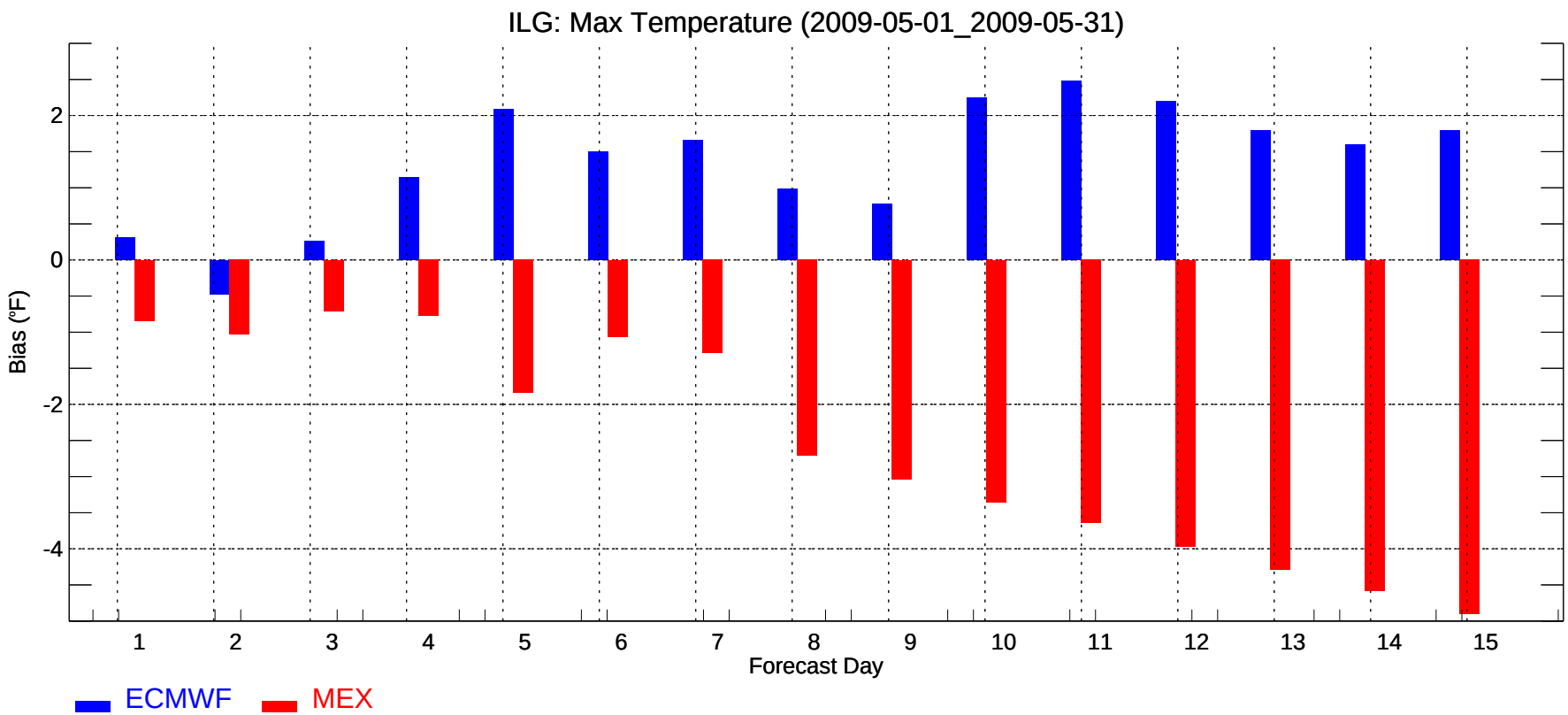
Forecast Day
ECMWF
MEX


ILG: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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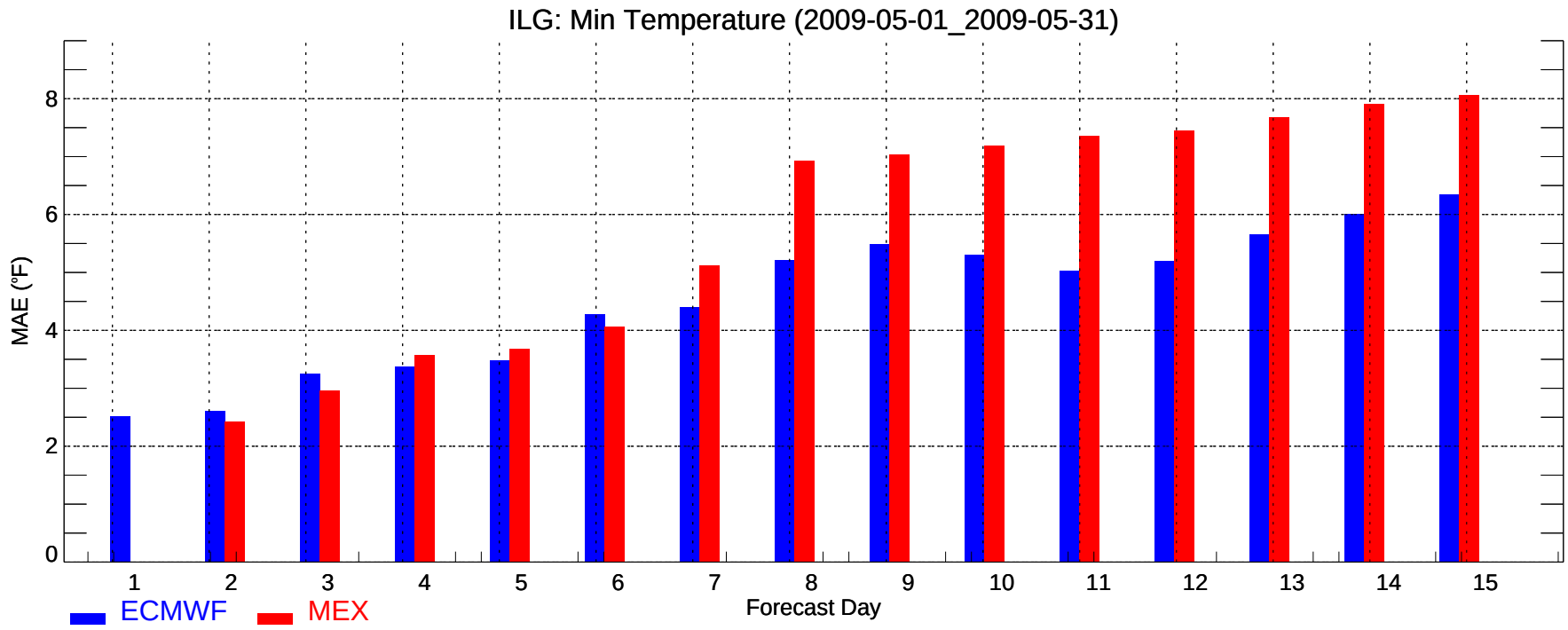
Forecast Day
ECMWF
MEX


ILG: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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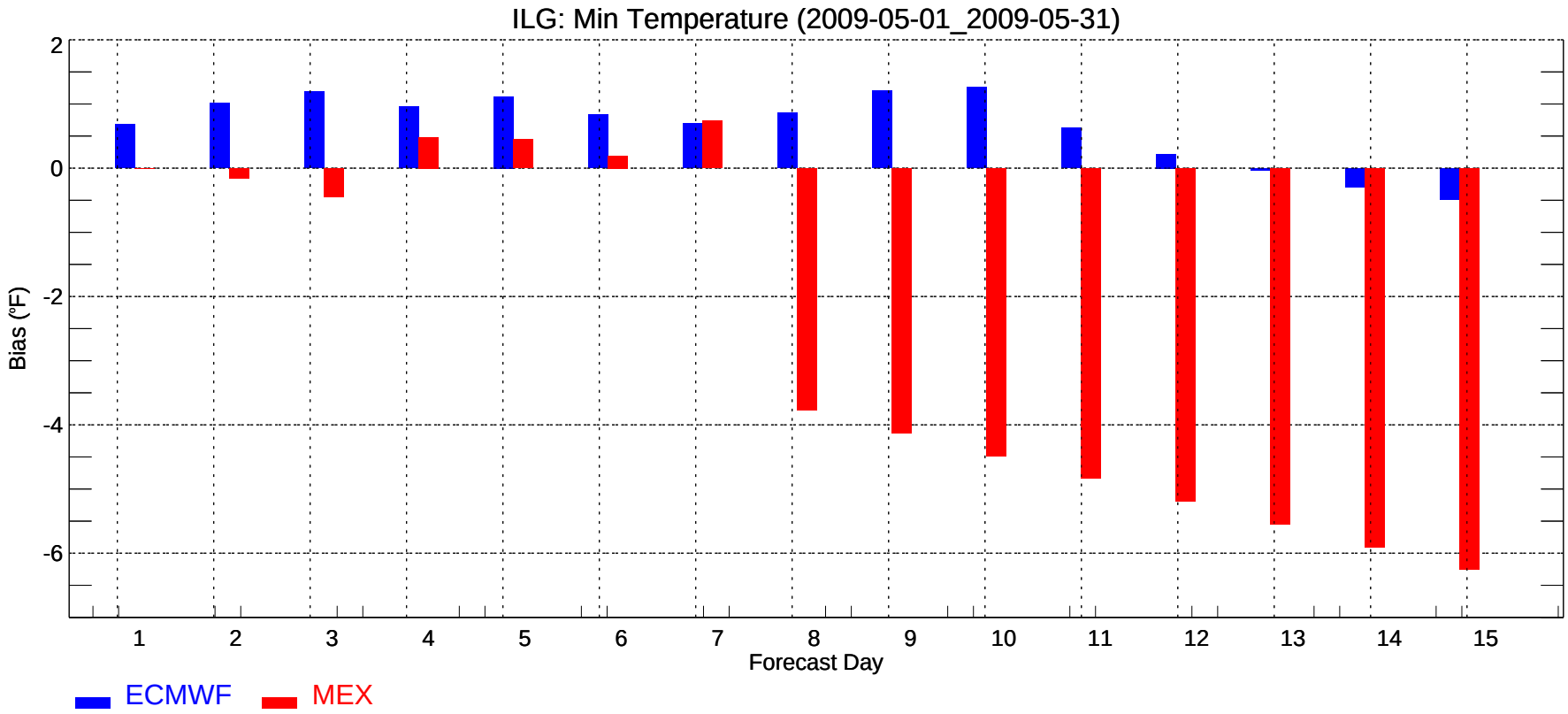
Forecast Day
ECMWF
MEX


ILG: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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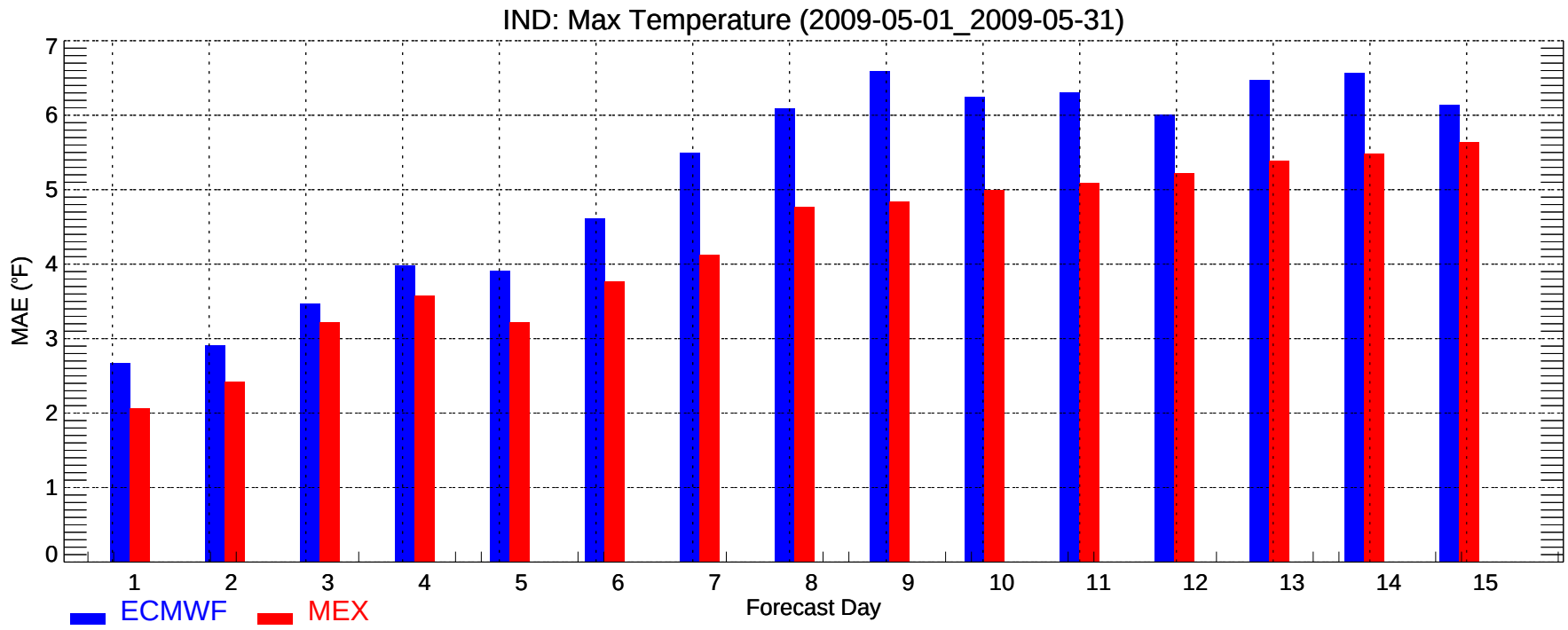
Forecast Day
ECMWF
MEX


IND: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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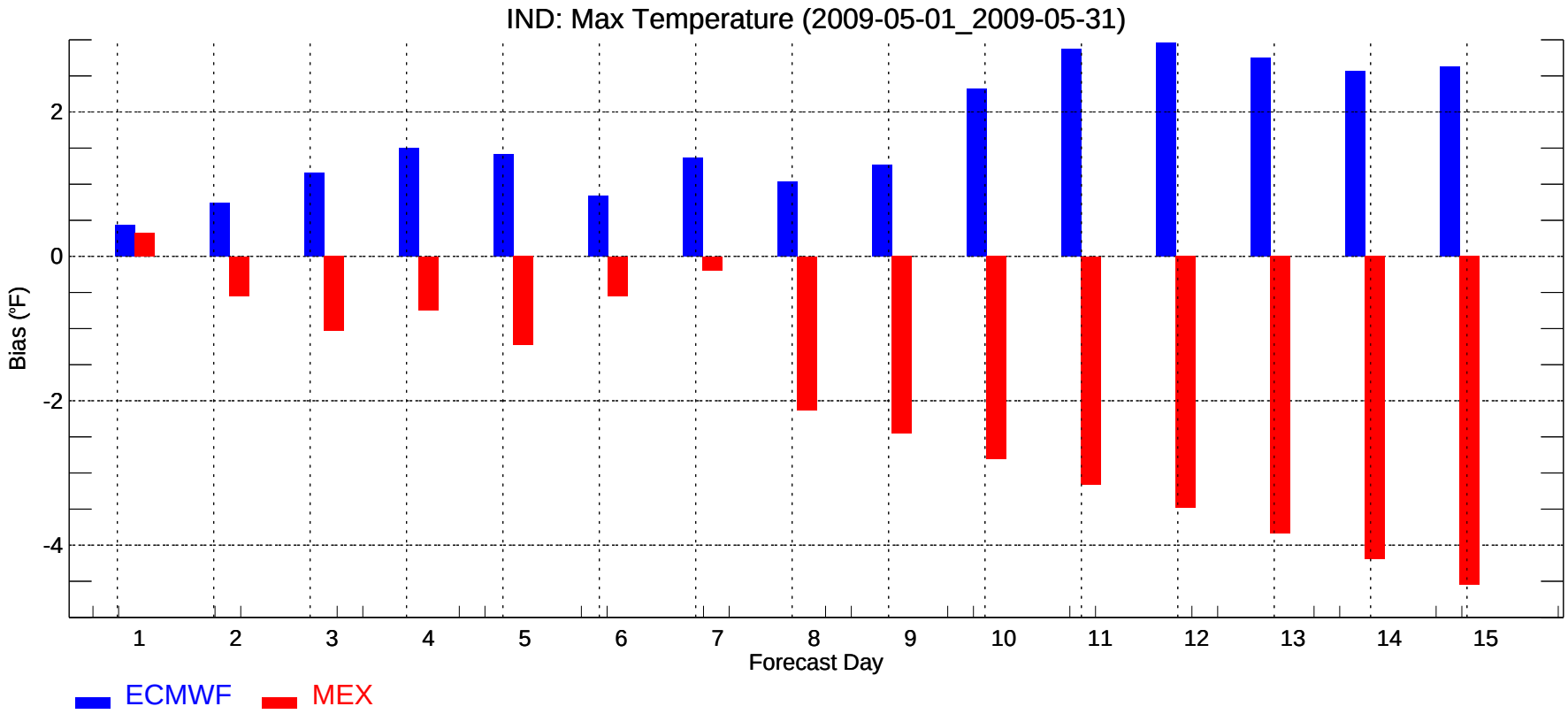
Forecast Day
ECMWF
MEX


IND: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
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-2
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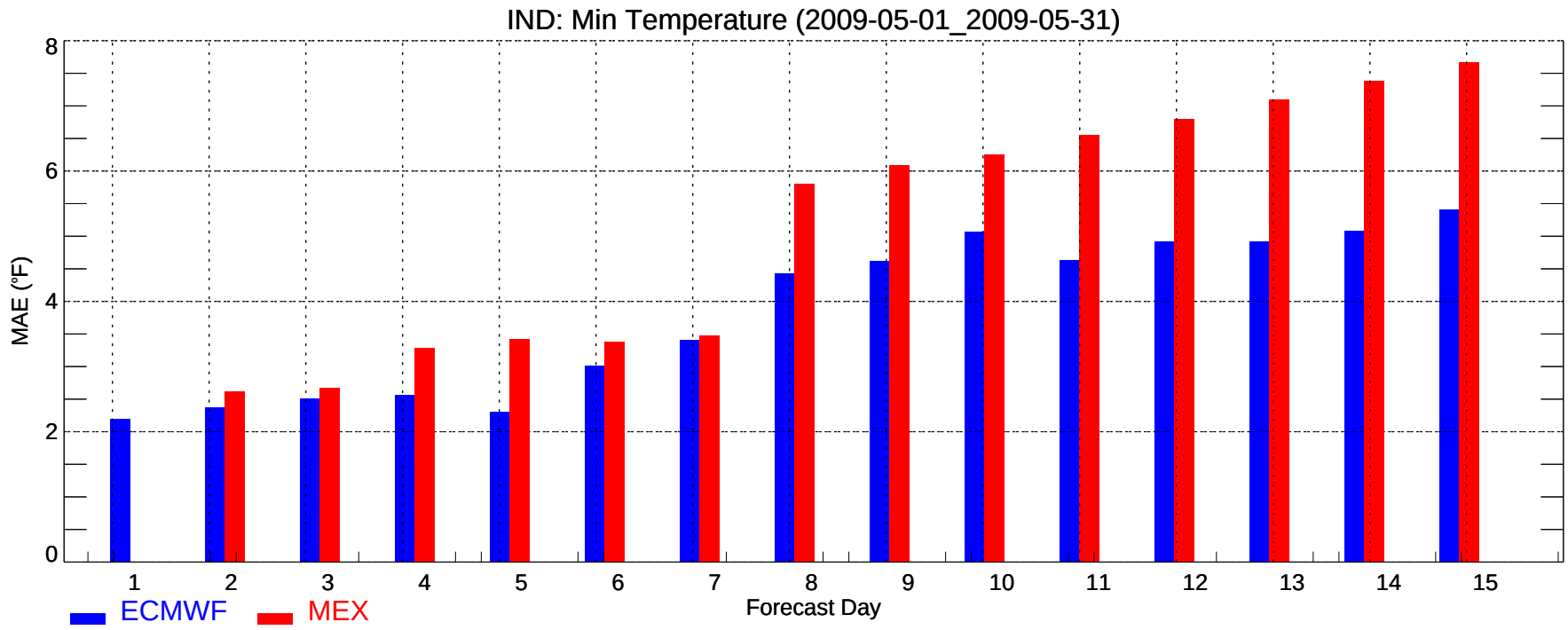
Forecast Day
ECMWF
MEX


IND: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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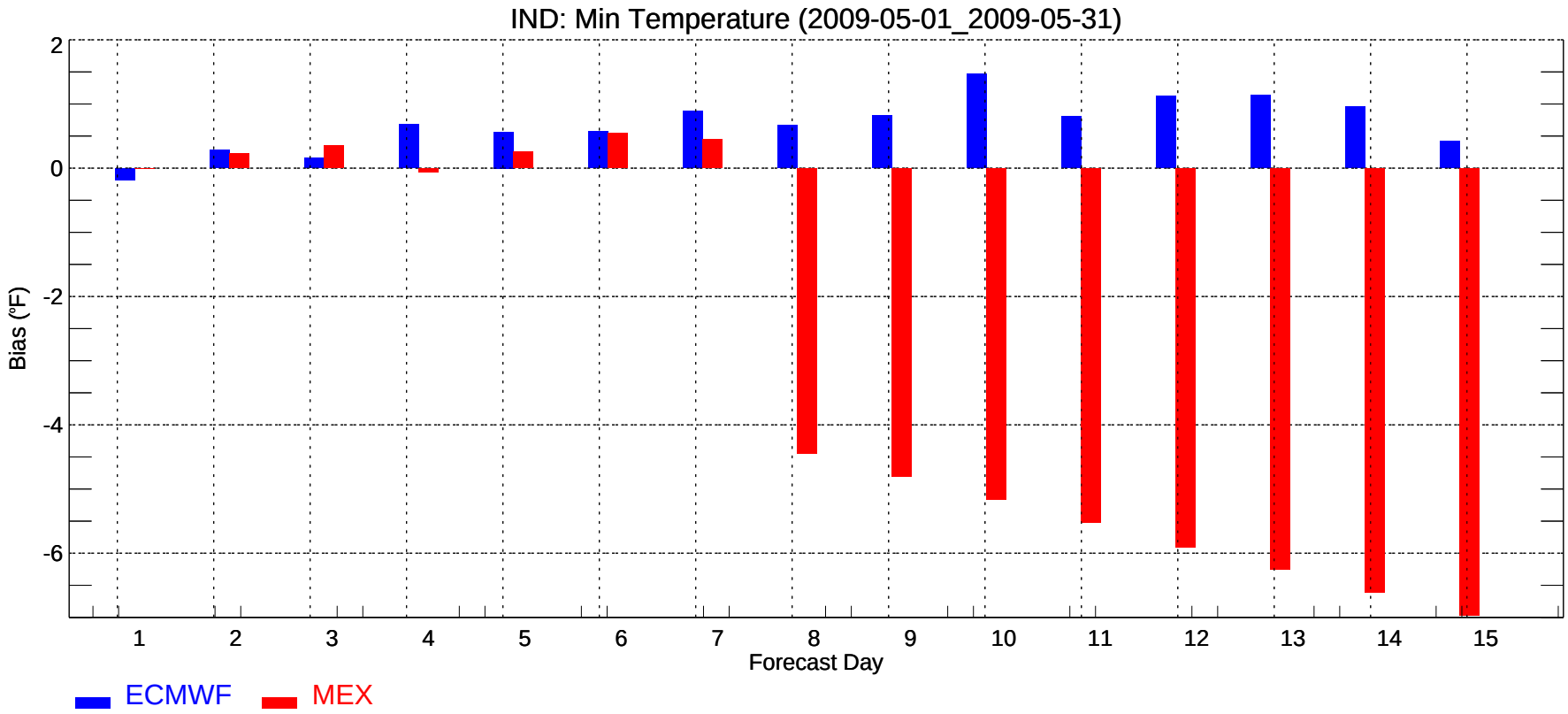
Forecast Day
ECMWF
MEX


IND: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
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8
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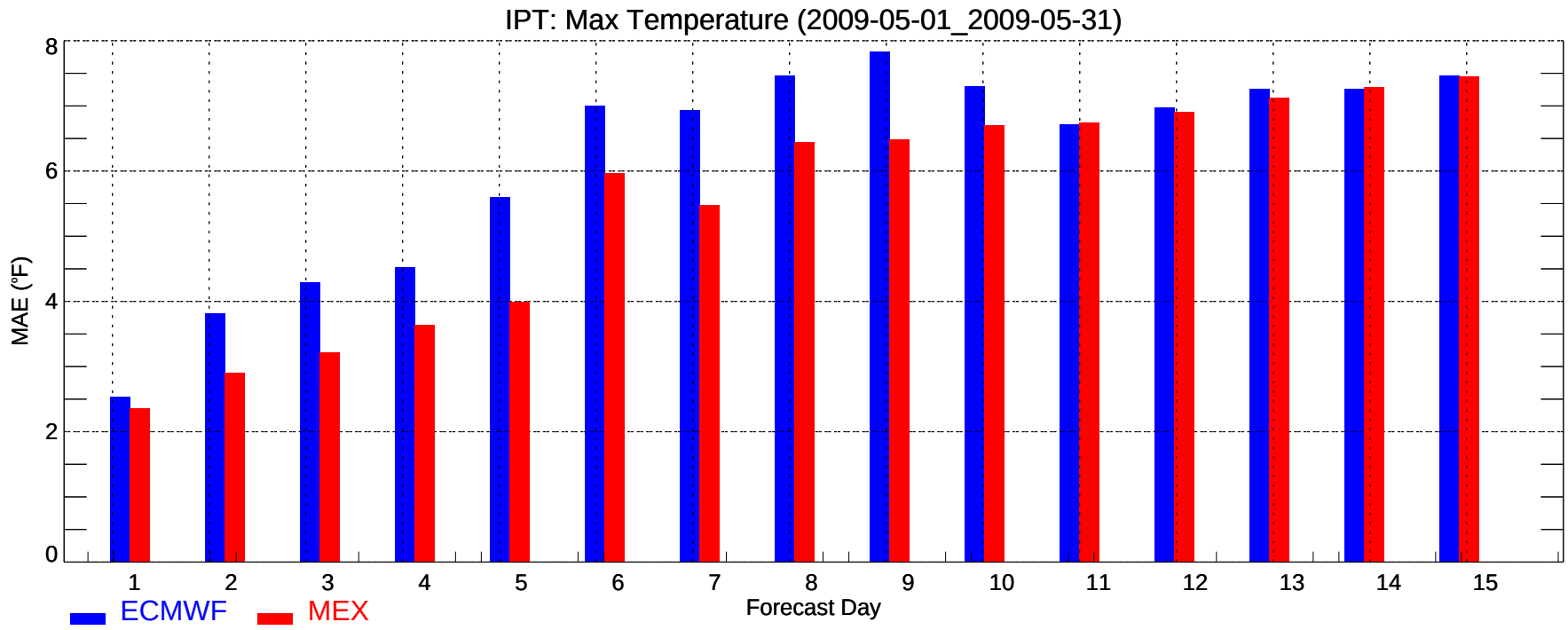
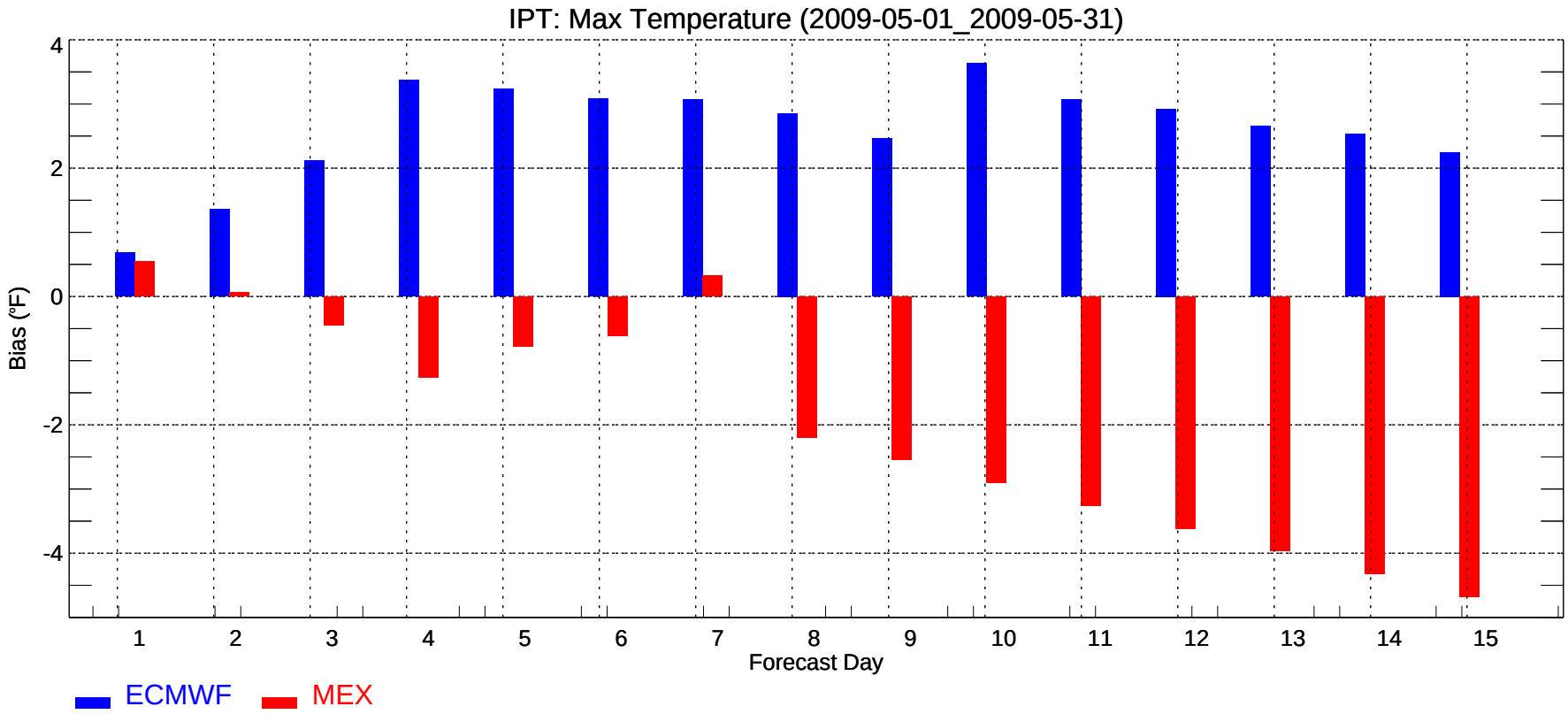
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


IPT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


IPT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
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10
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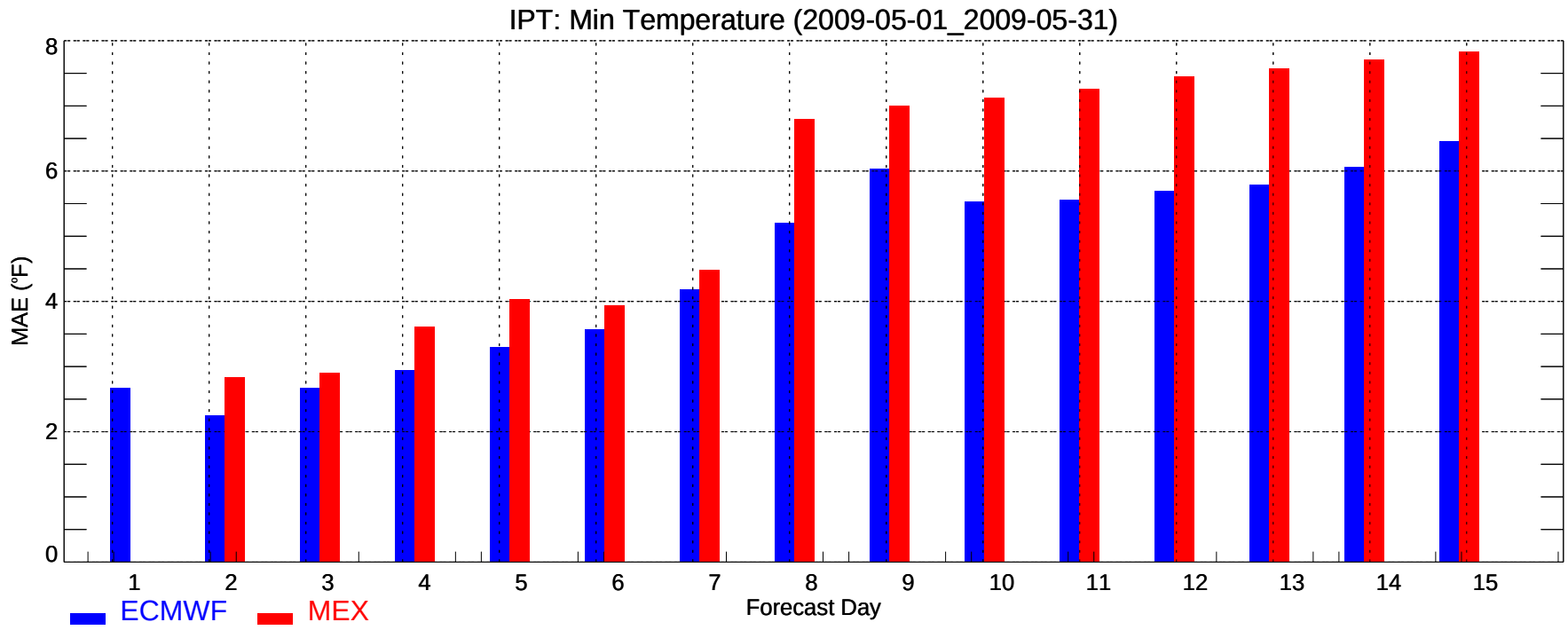
12
13
14
15
Forecast Day
ECMWF
MEX


IPT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
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7
8
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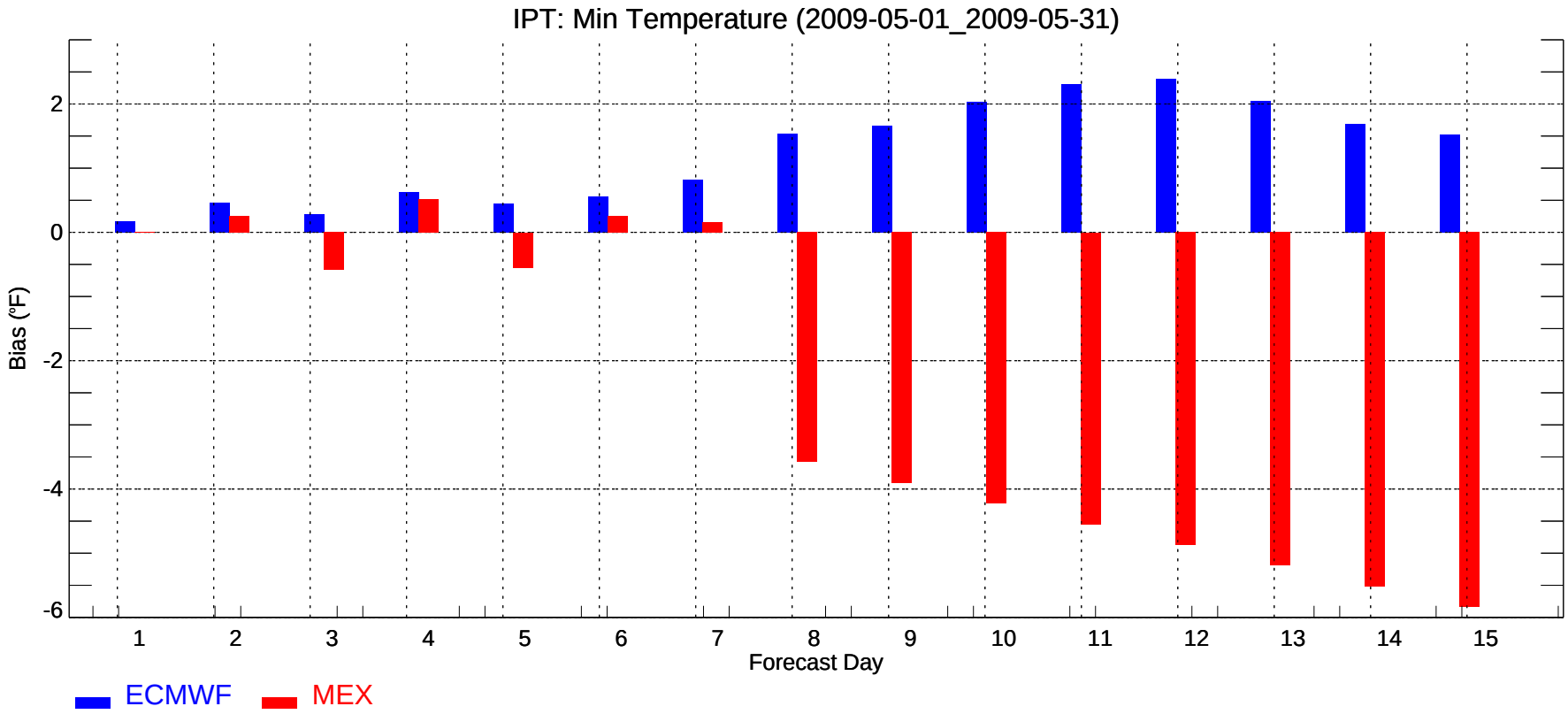
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


IPT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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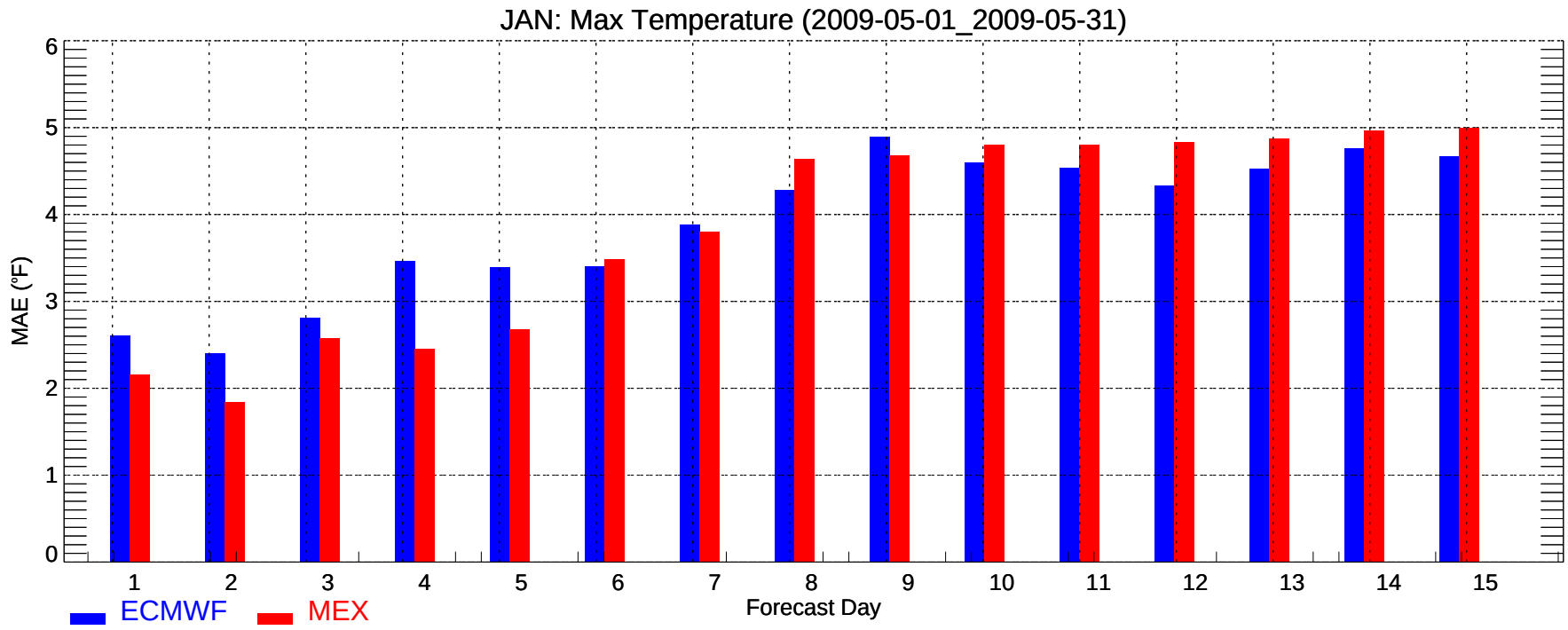
14
15
Forecast Day
ECMWF
MEX


JAN: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
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14
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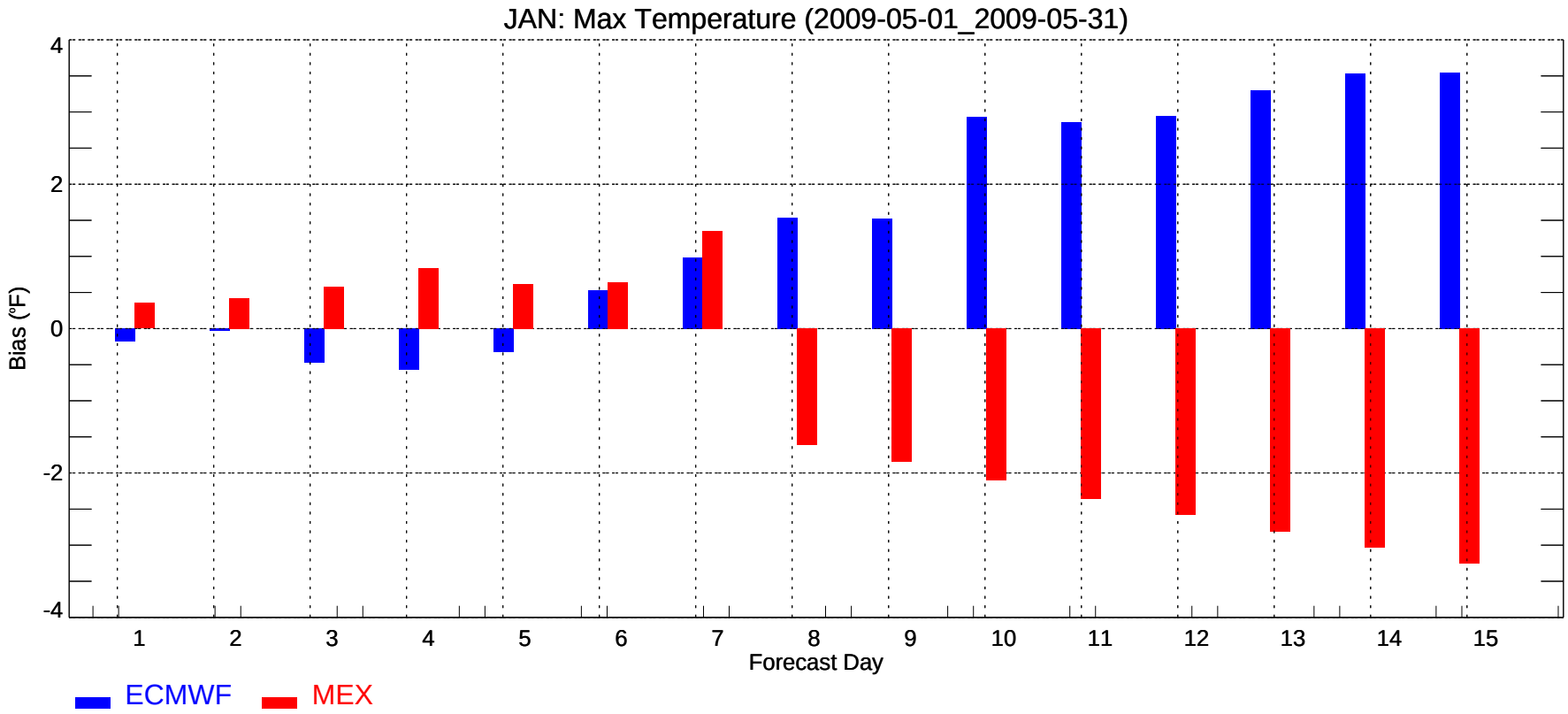
Forecast Day
ECMWF
MEX


JAN: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
1
2
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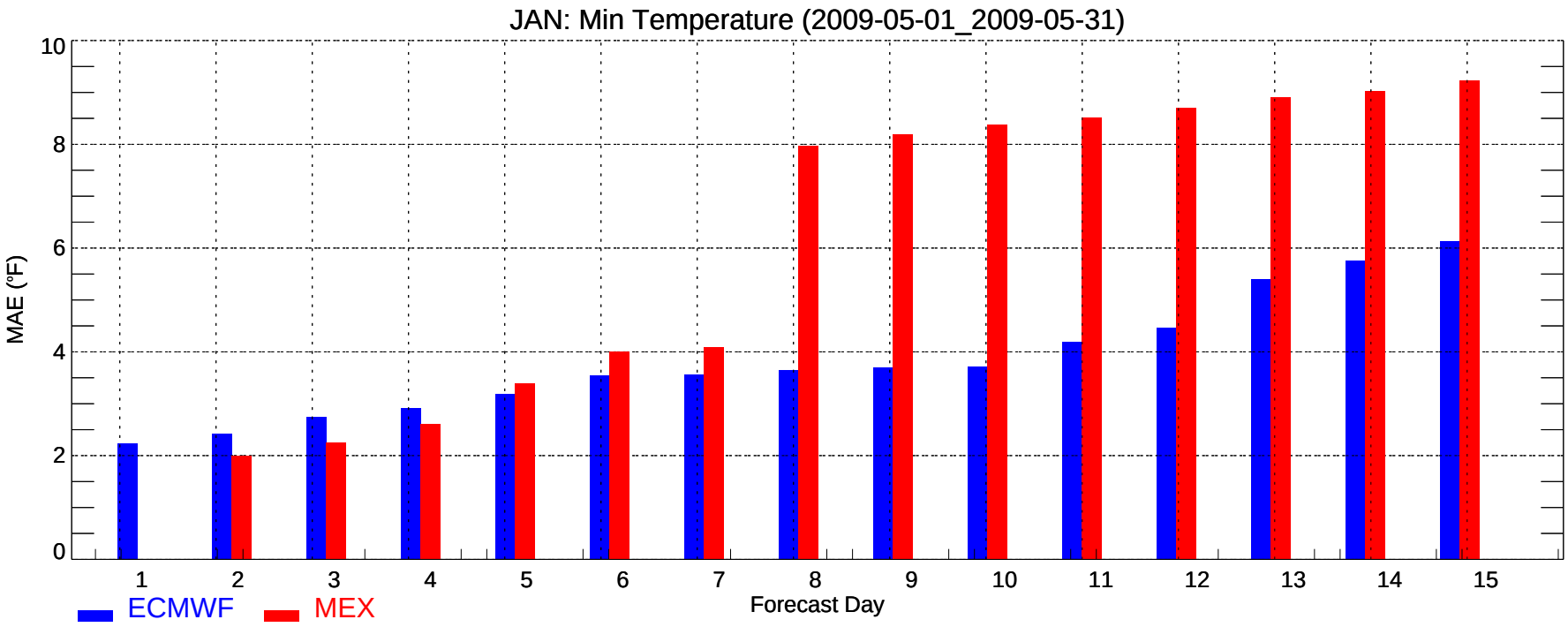
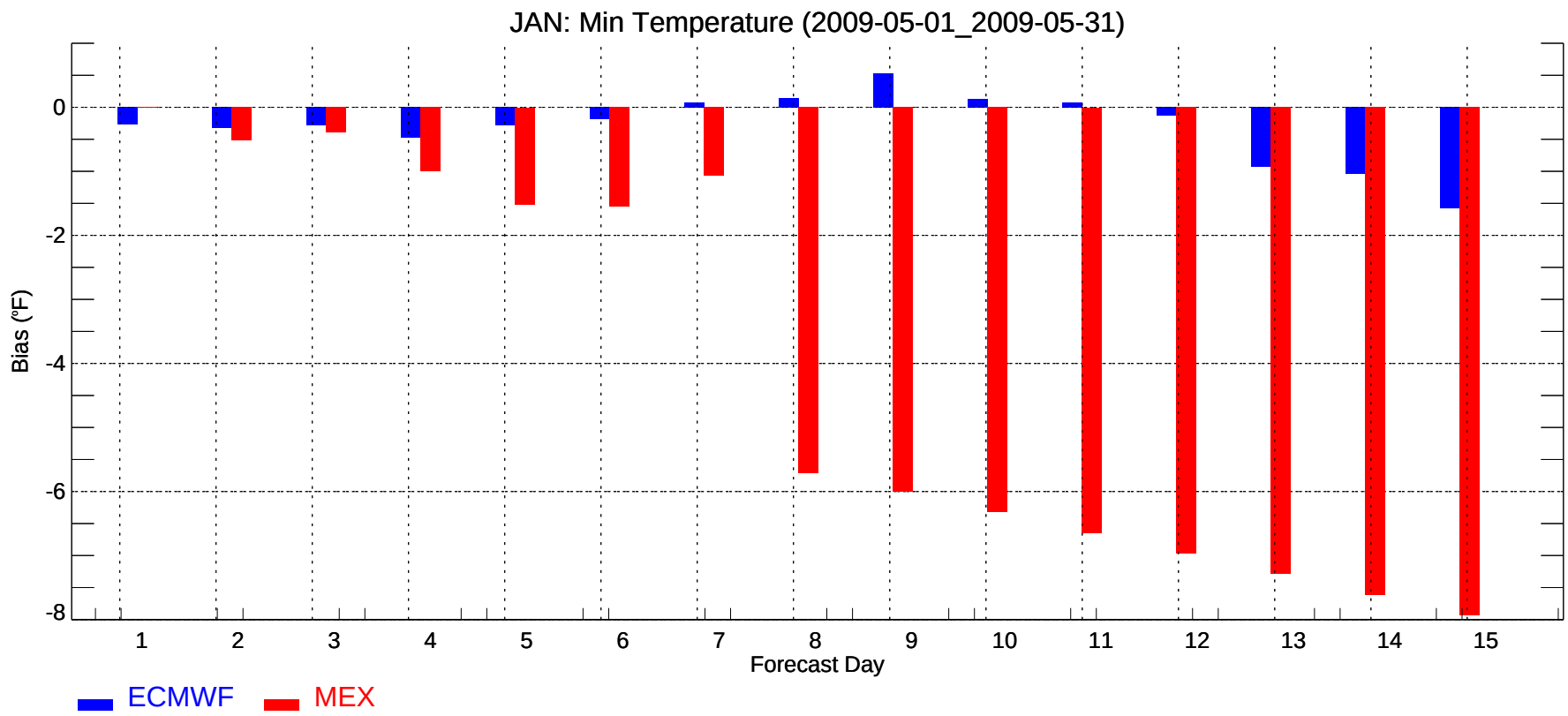
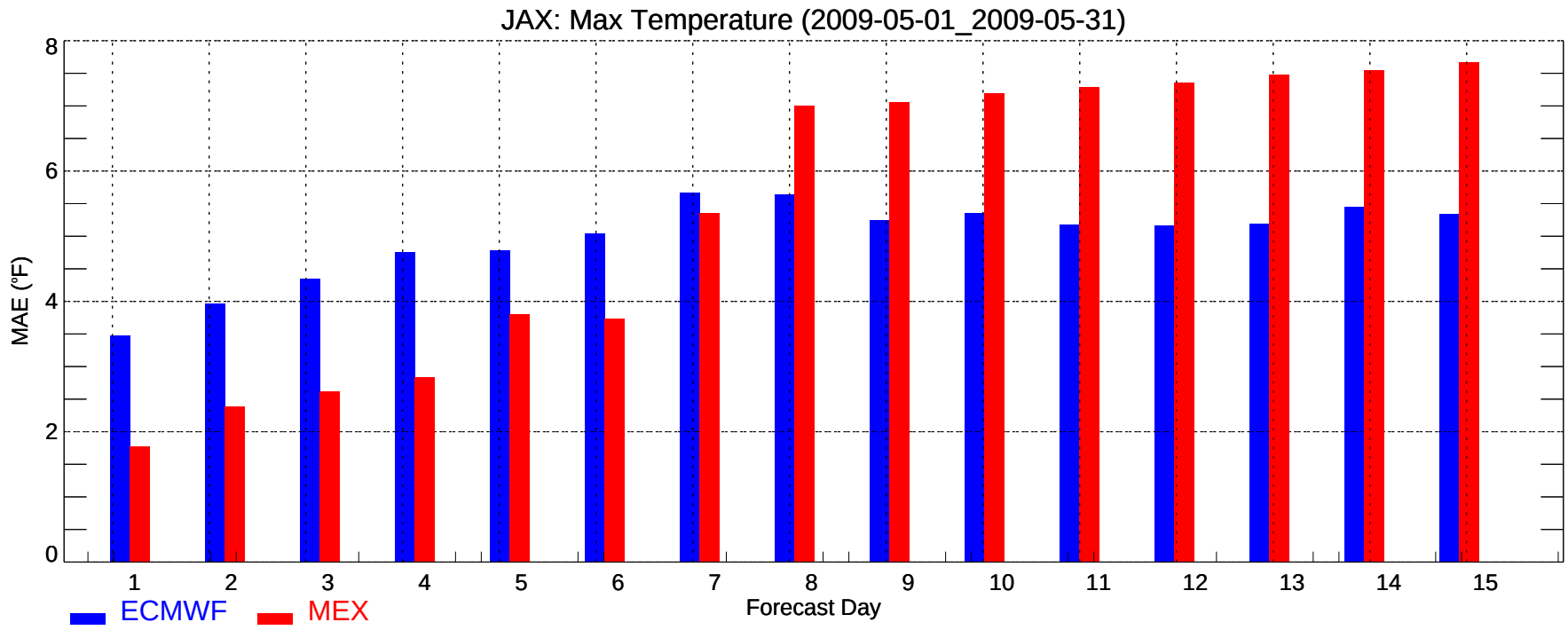
15
Forecast Day
ECMWF
MEX


JAN: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
Forecast Day
ECMWF
MEX


JAN: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
Forecast Day
ECMWF
MEX


JAX: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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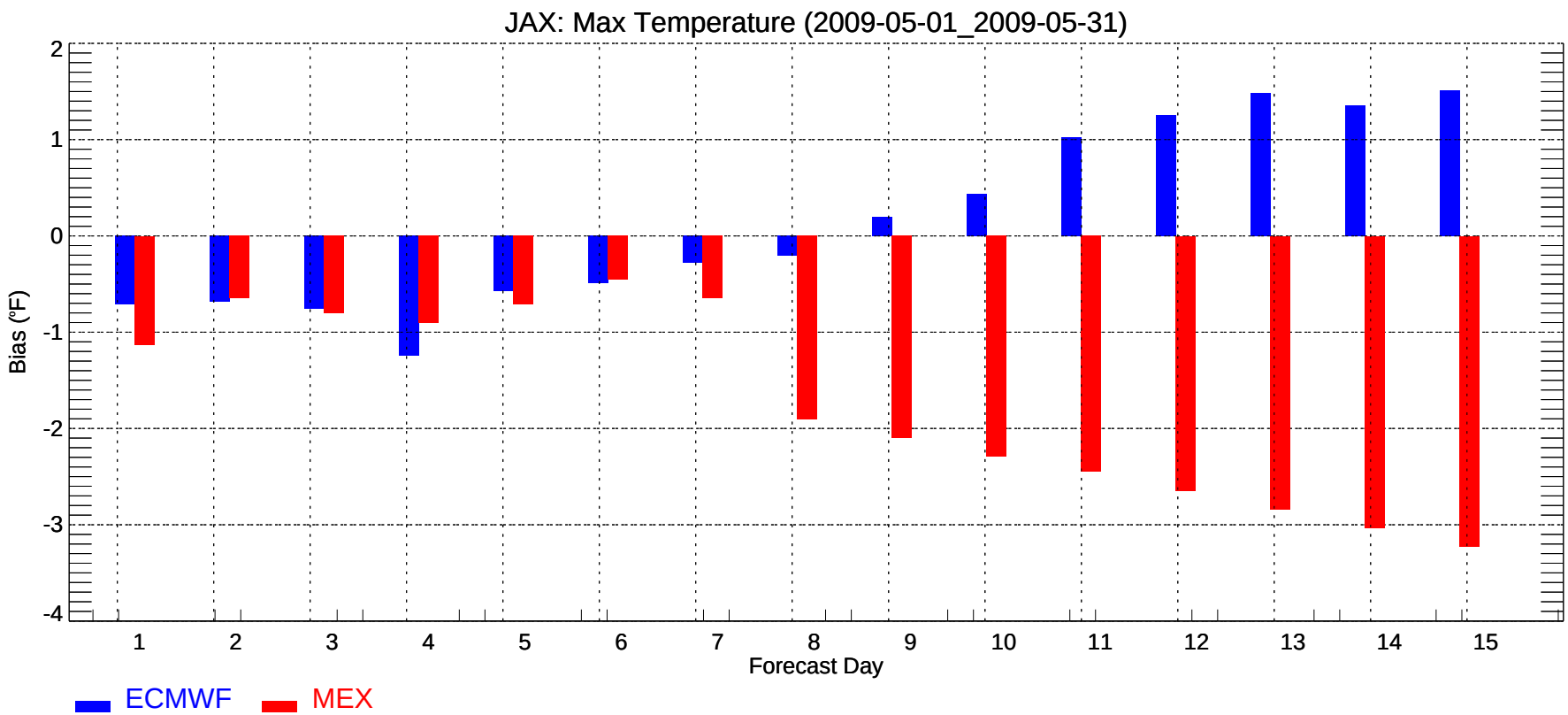
14
15
Forecast Day
ECMWF
MEX


JAX: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
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-3
-4
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2
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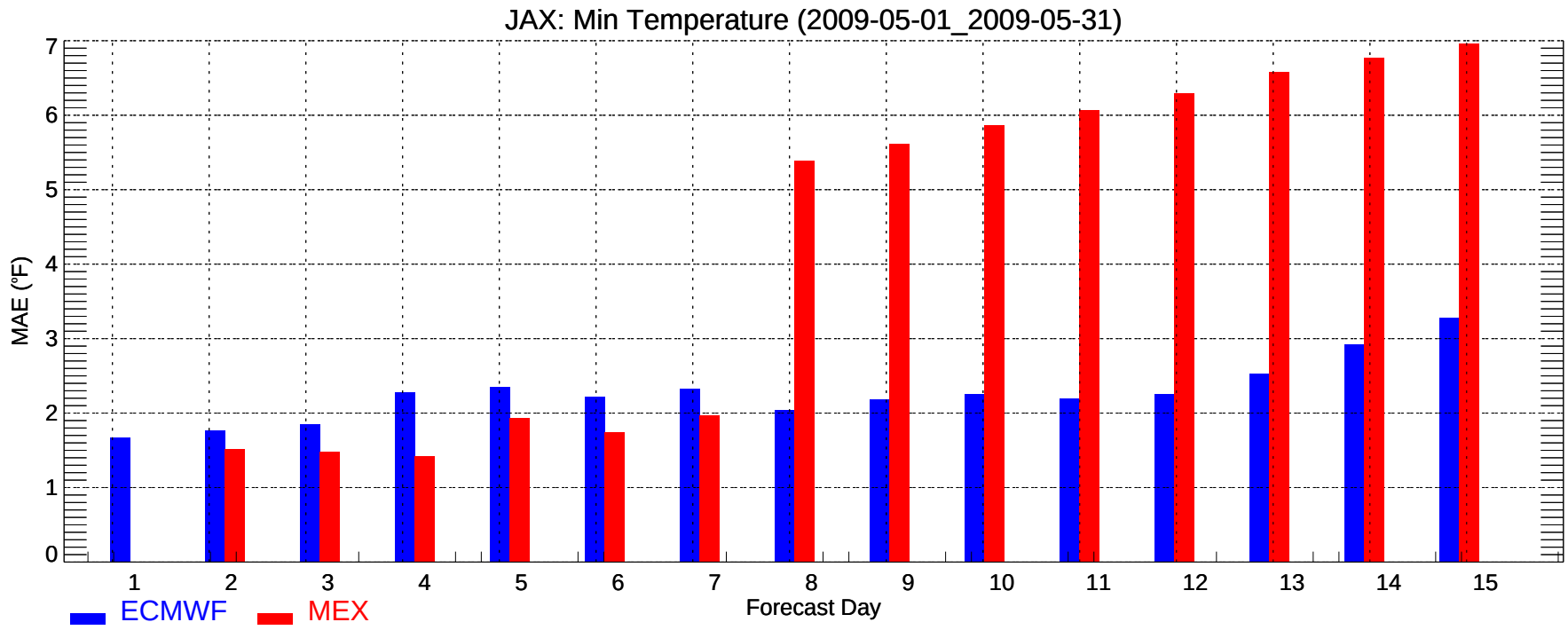
Forecast Day
ECMWF
MEX


JAX: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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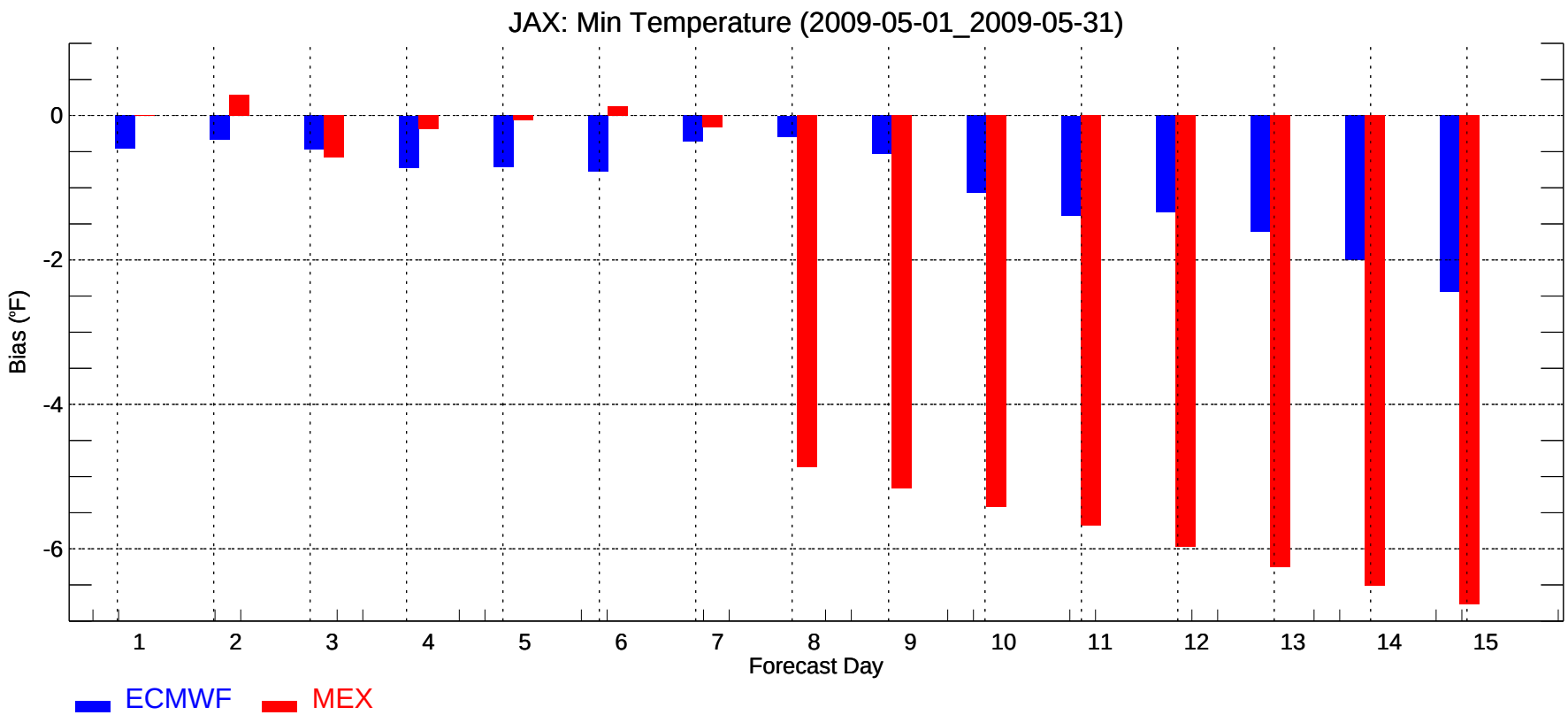
Forecast Day
ECMWF
MEX


JAX: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-6
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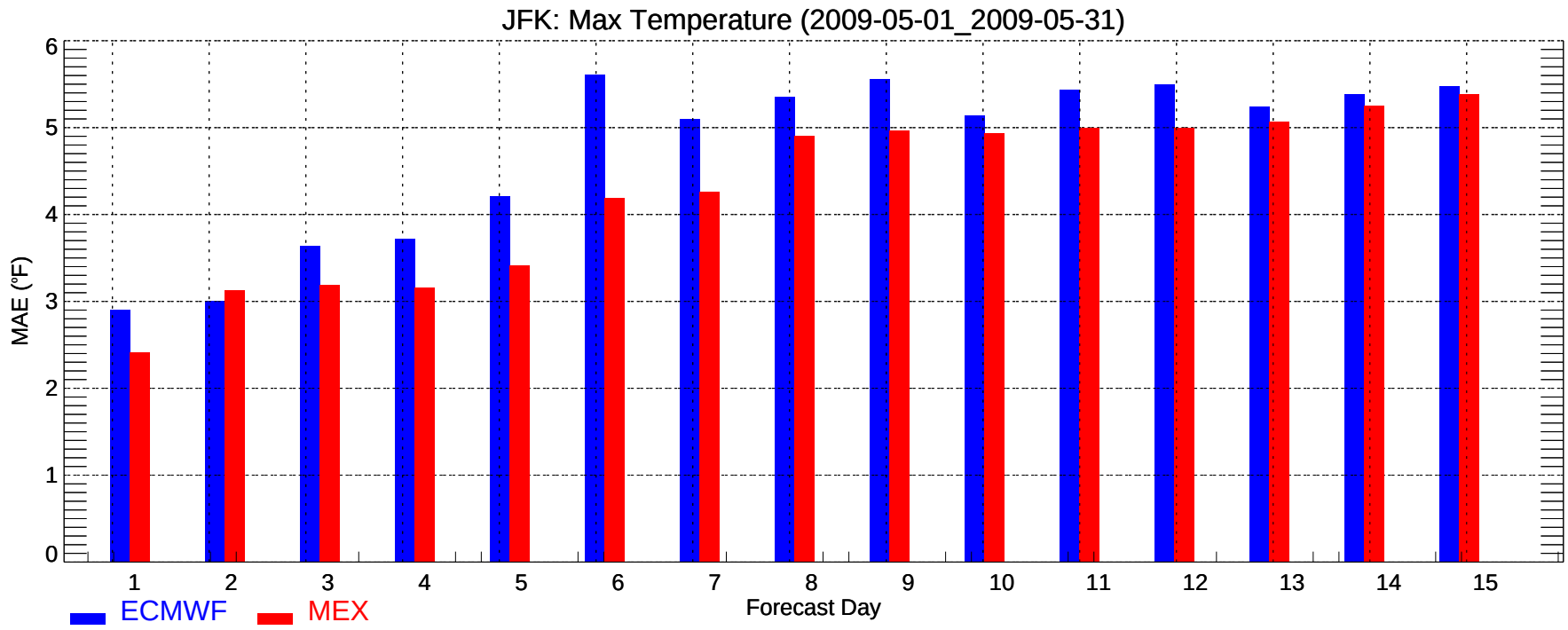
Forecast Day
ECMWF
MEX


JFK: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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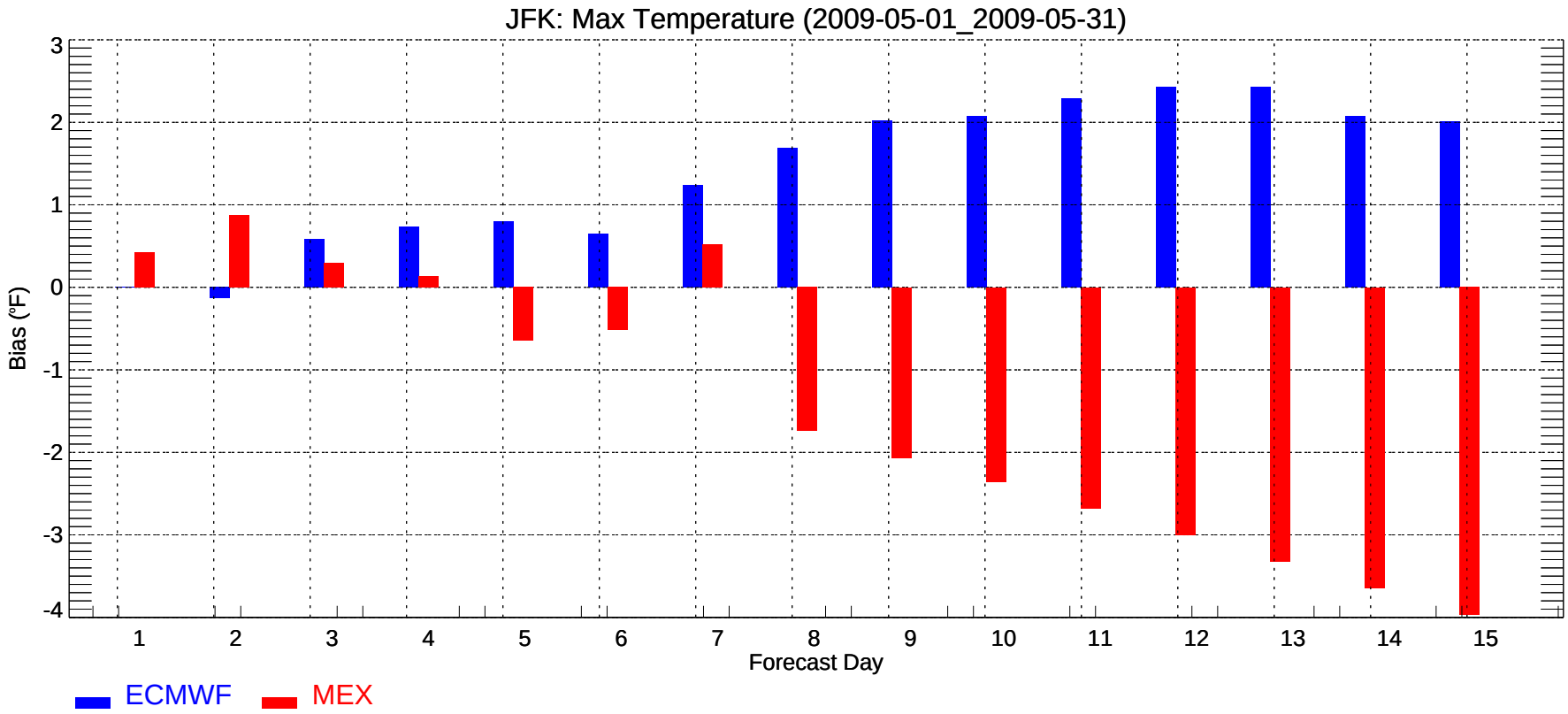
Forecast Day
ECMWF
MEX


JFK: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
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2
3
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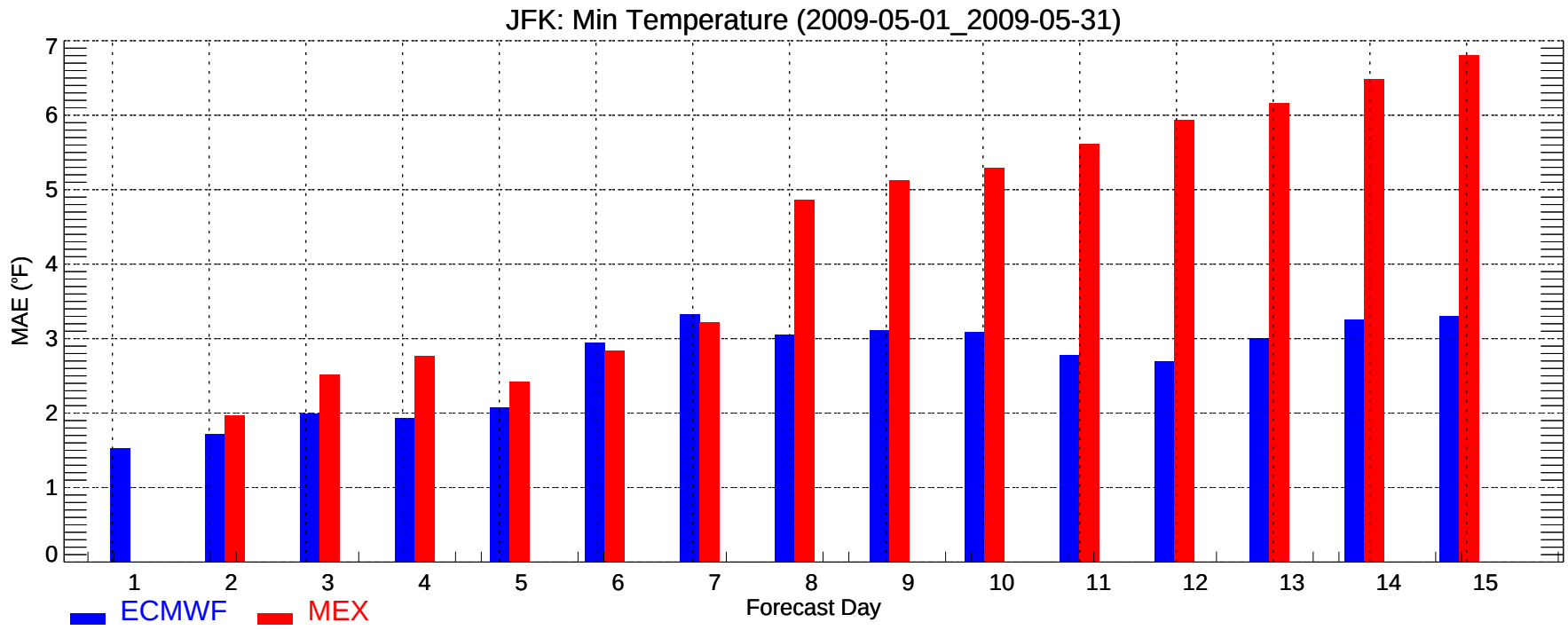
Forecast Day
ECMWF
MEX


JFK: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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10
11
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13
14
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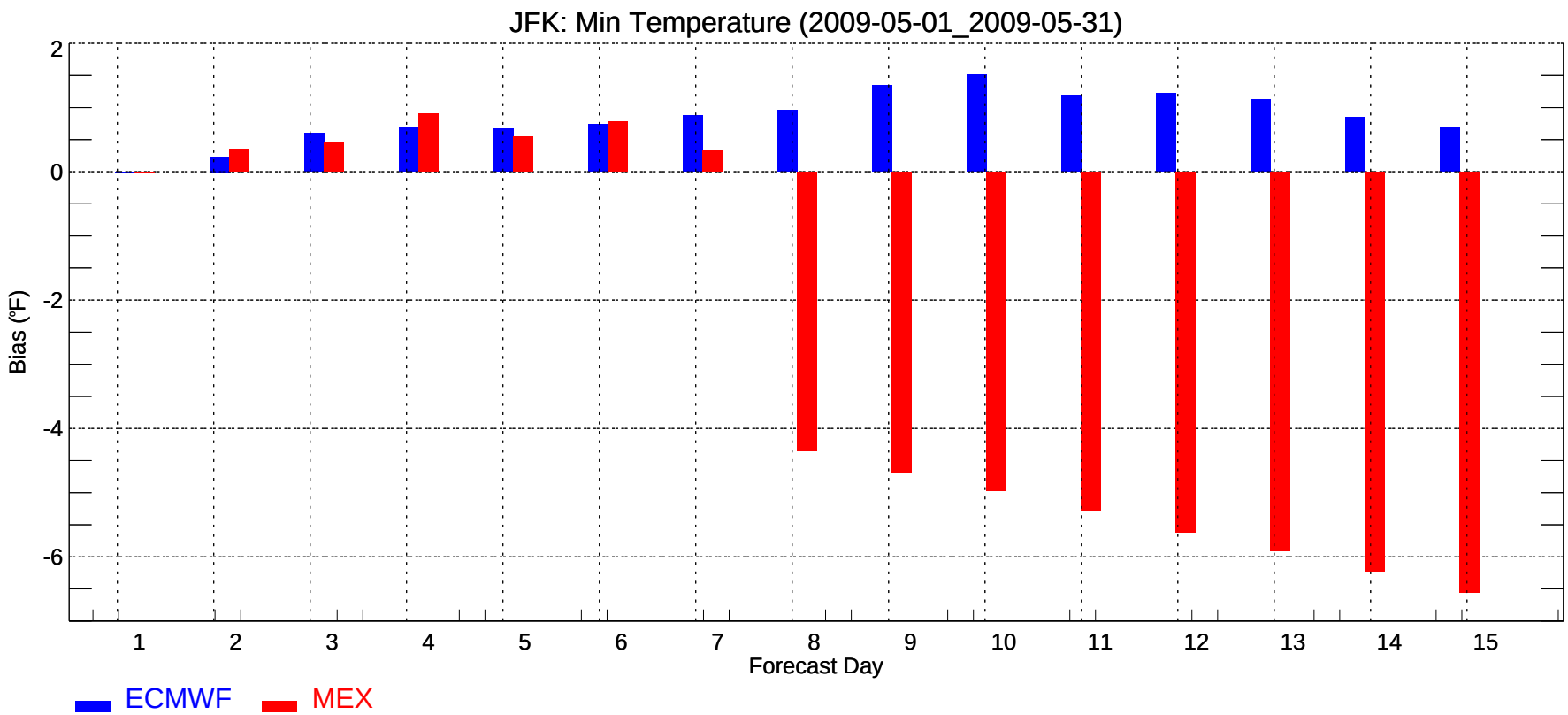
Forecast Day
ECMWF
MEX


JFK: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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5
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13
14
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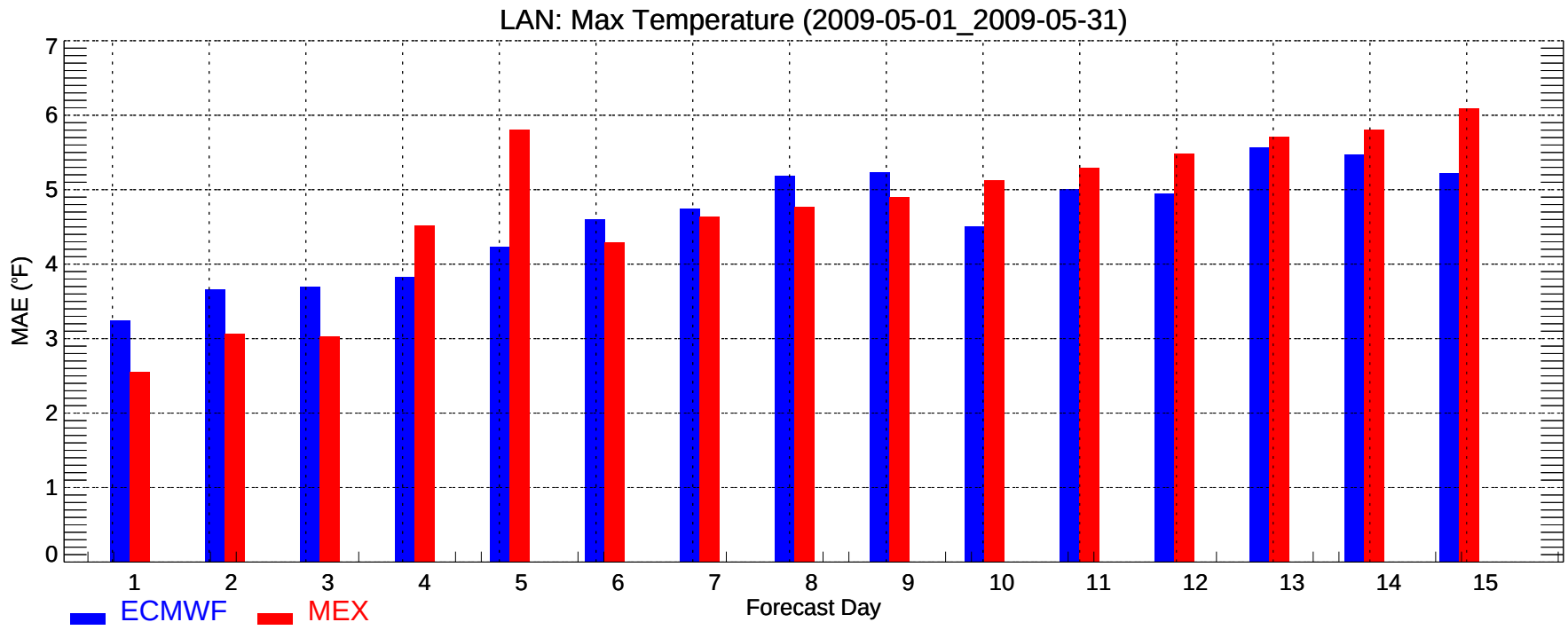
Forecast Day
ECMWF
MEX


LAN: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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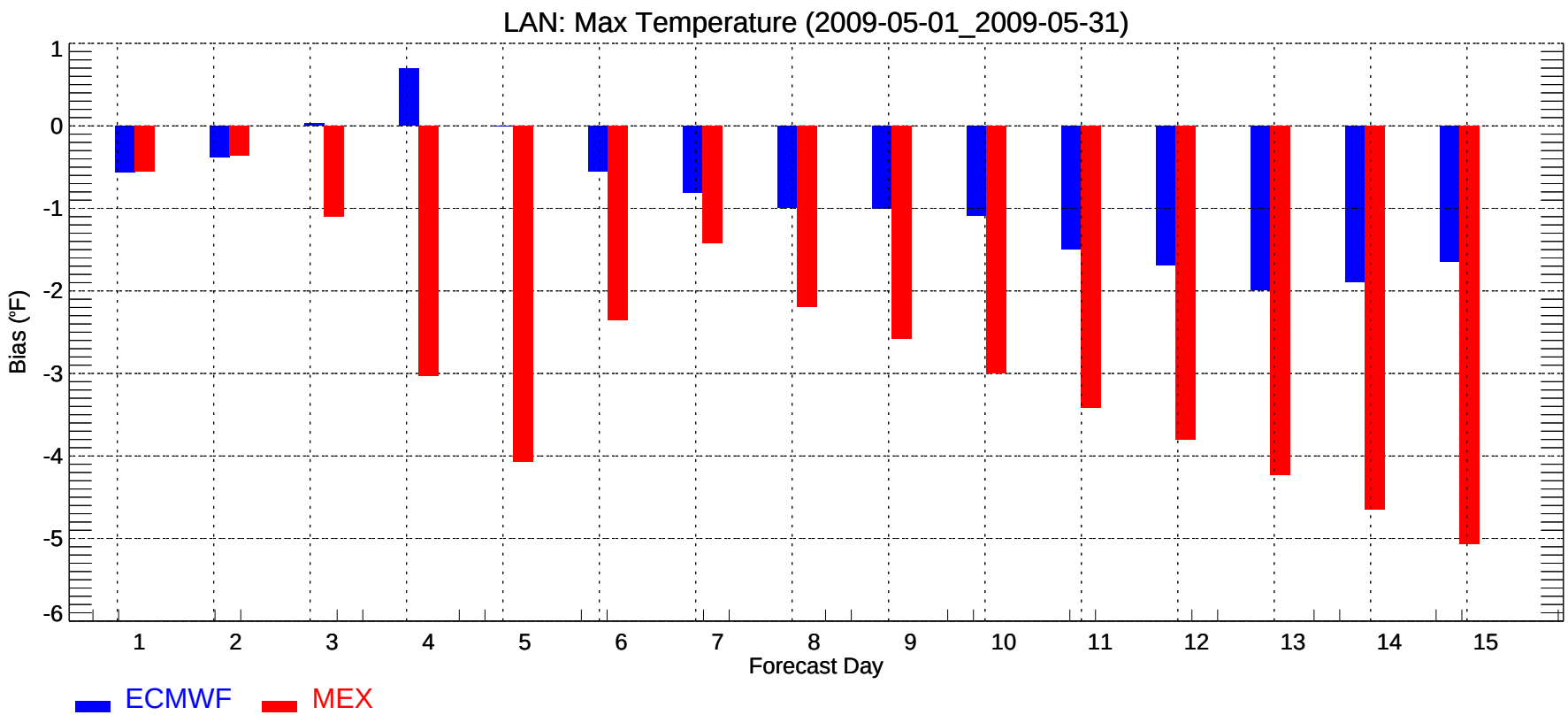
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


LAN: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
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14
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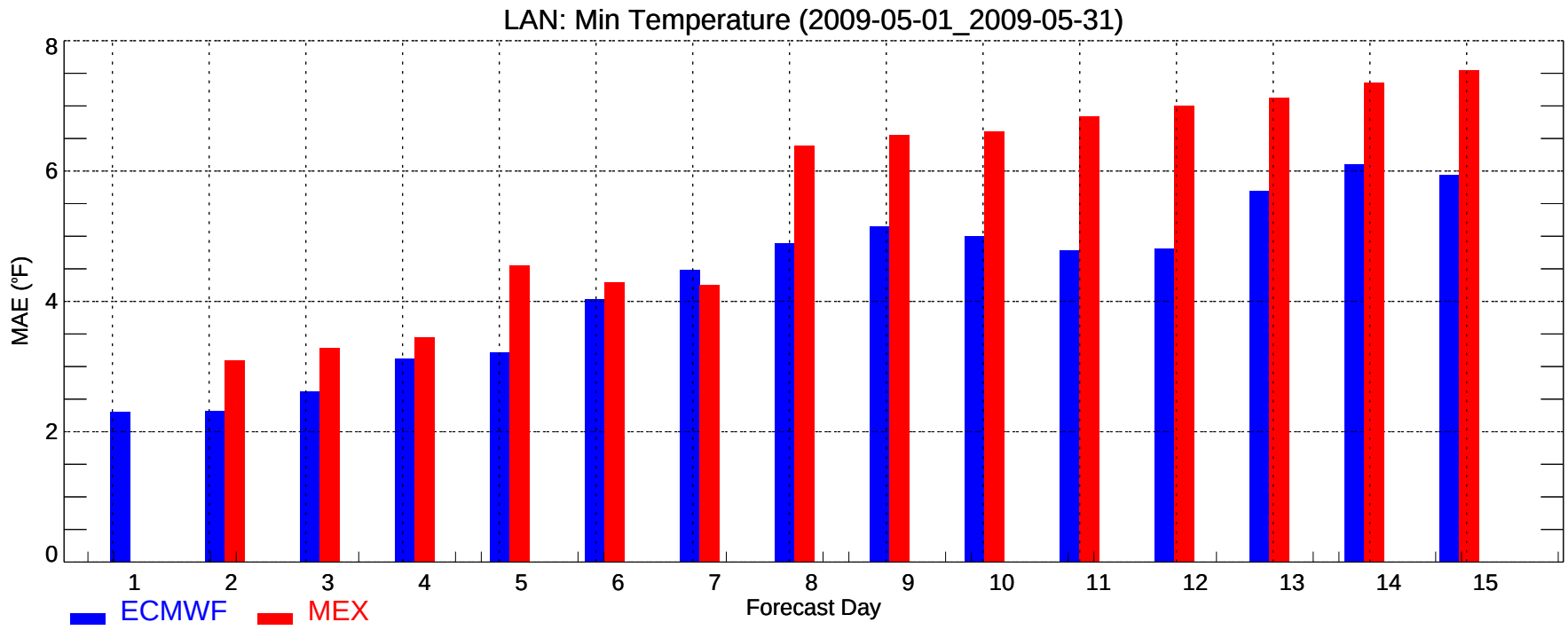
Forecast Day
ECMWF
MEX


LAN: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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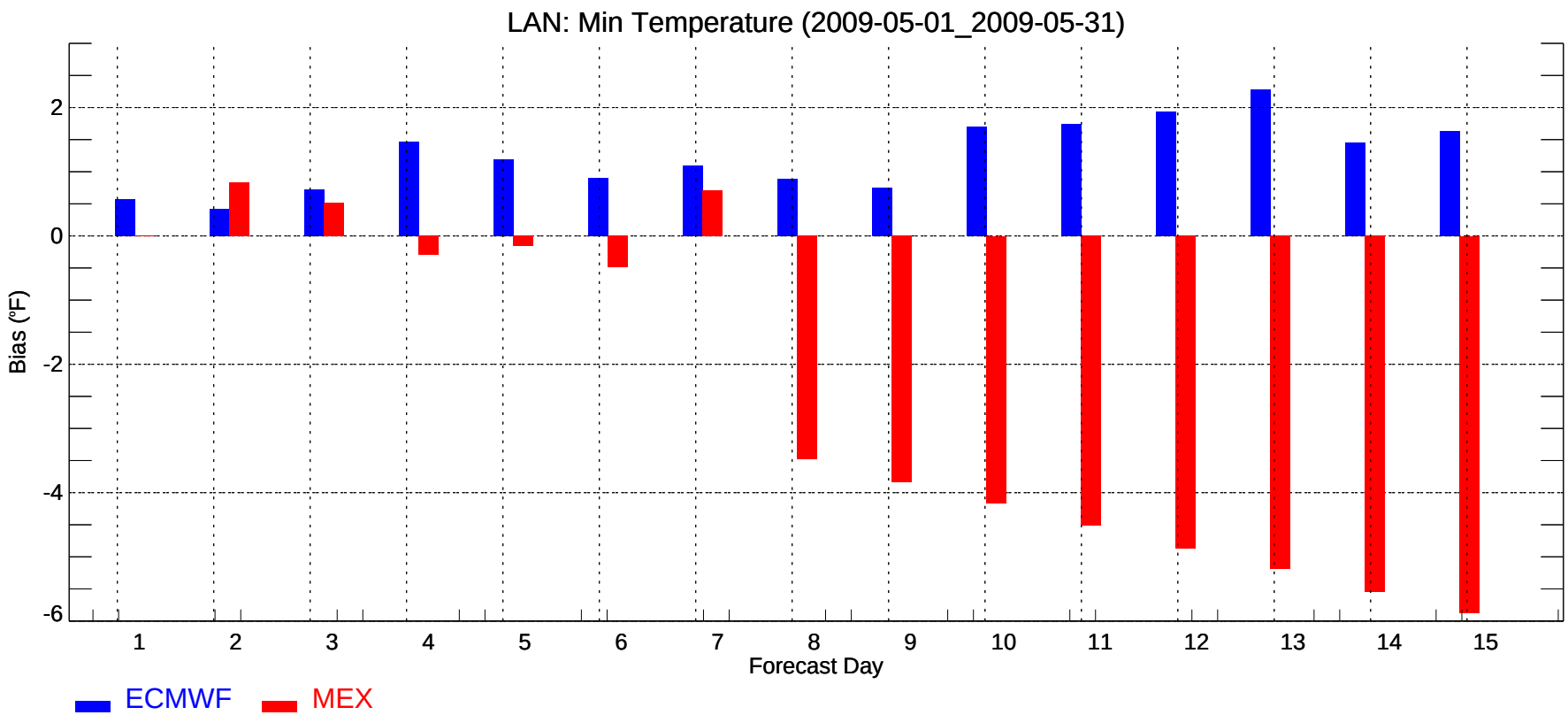
11
12
13
14
15
Forecast Day
ECMWF
MEX


LAN: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
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7
8
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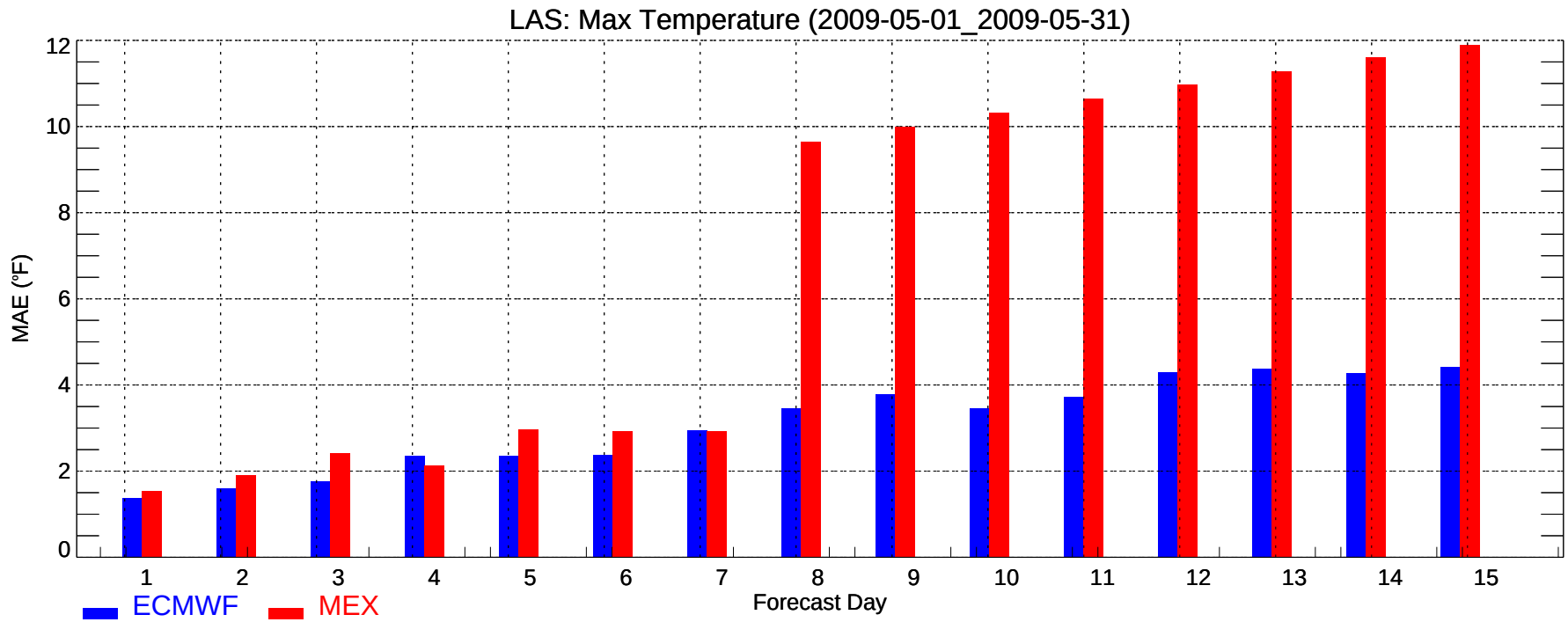
12
13
14
15
Forecast Day
ECMWF
MEX


LAS: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
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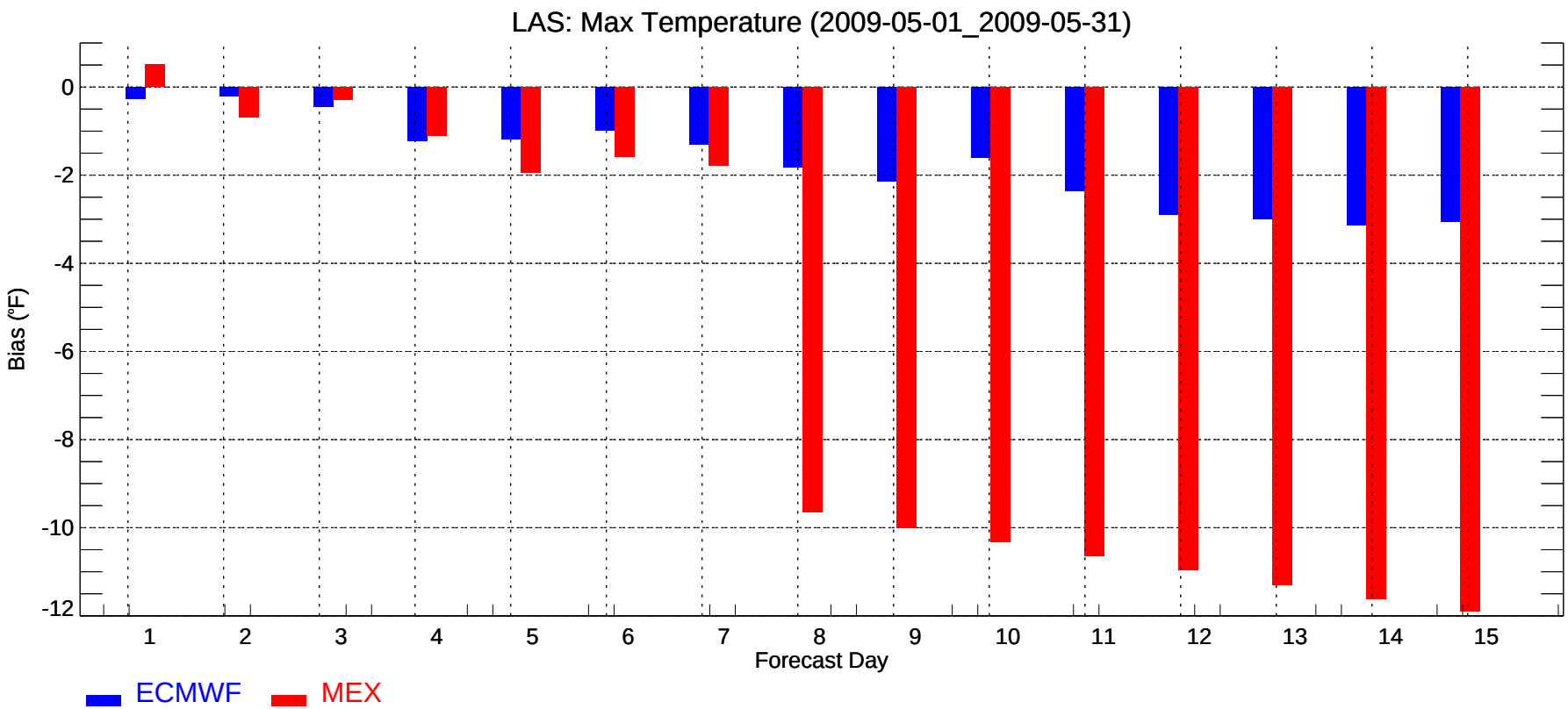
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


LAS: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
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5
6
7
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11
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13
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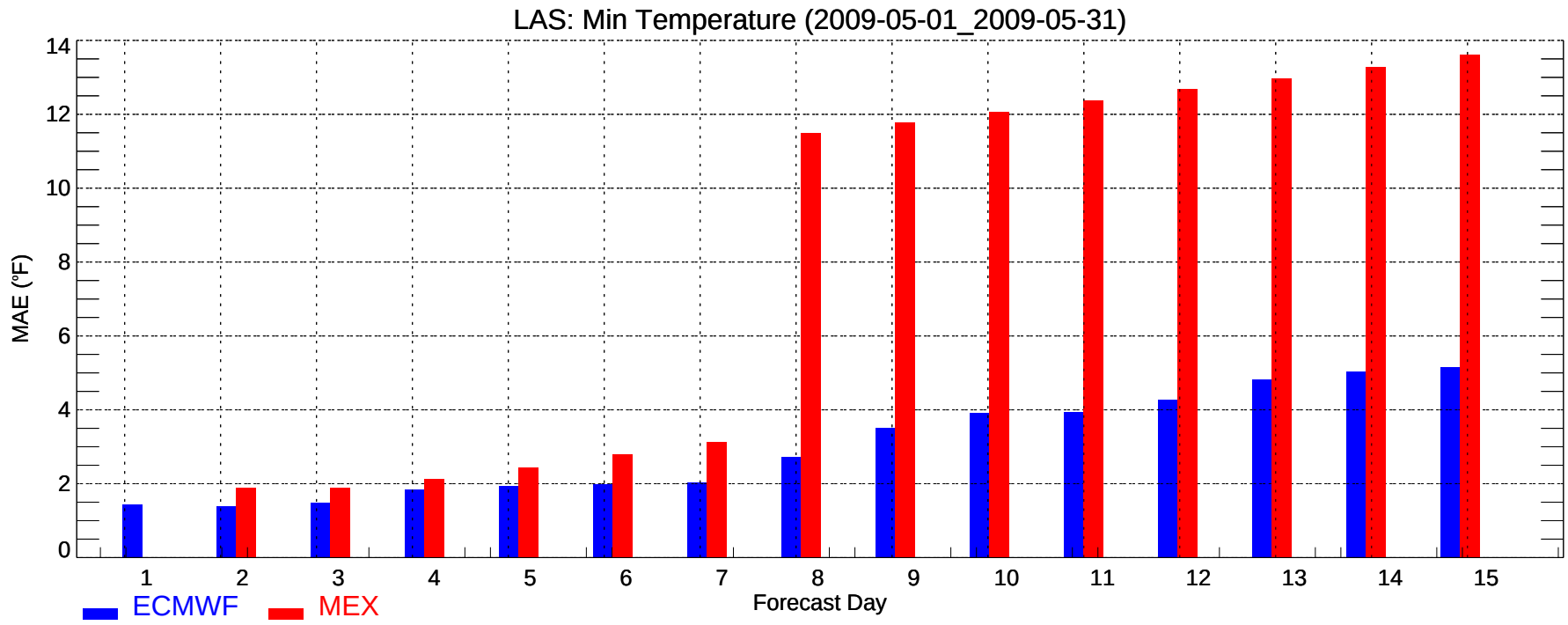
15
Forecast Day
ECMWF
MEX


LAS: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
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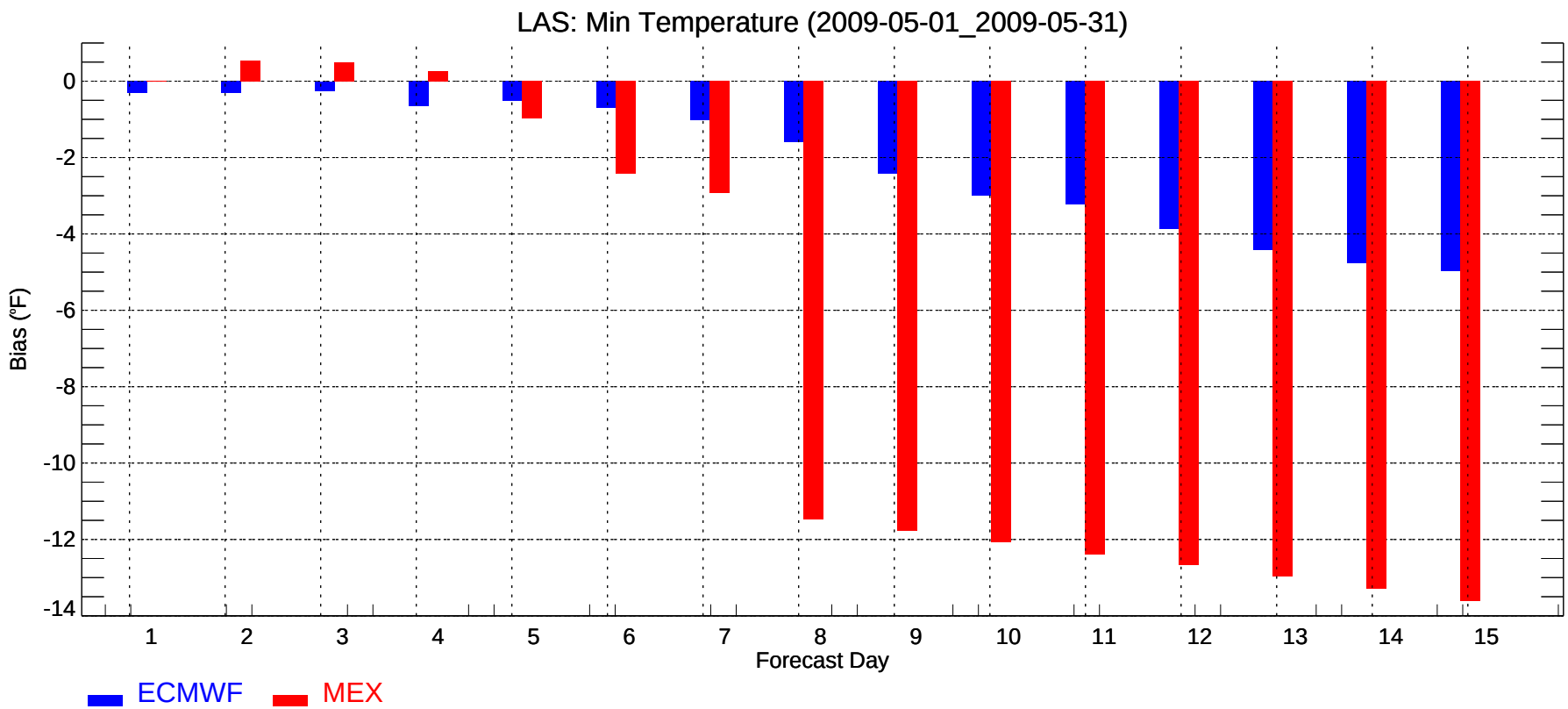
11
12
13
14
15
Forecast Day
ECMWF
MEX


LAS: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
-14
1
2
3
4
5
6
7
8
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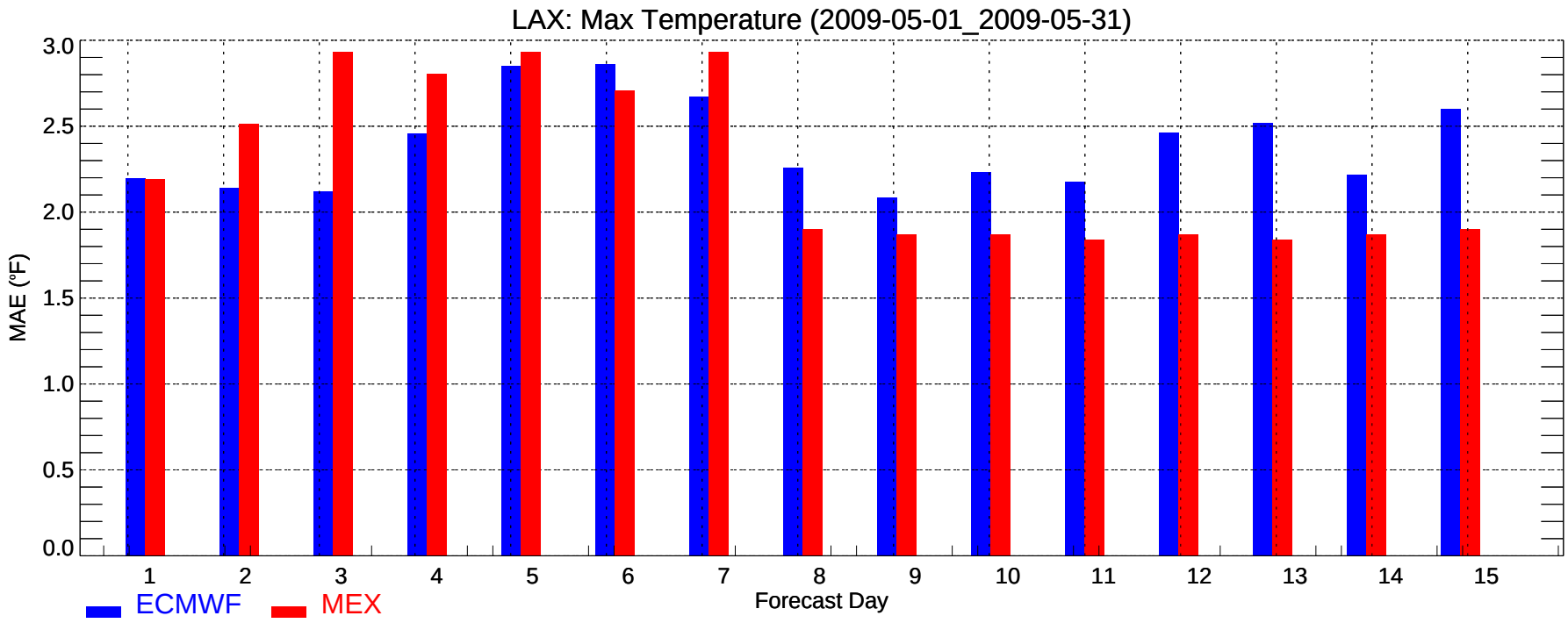
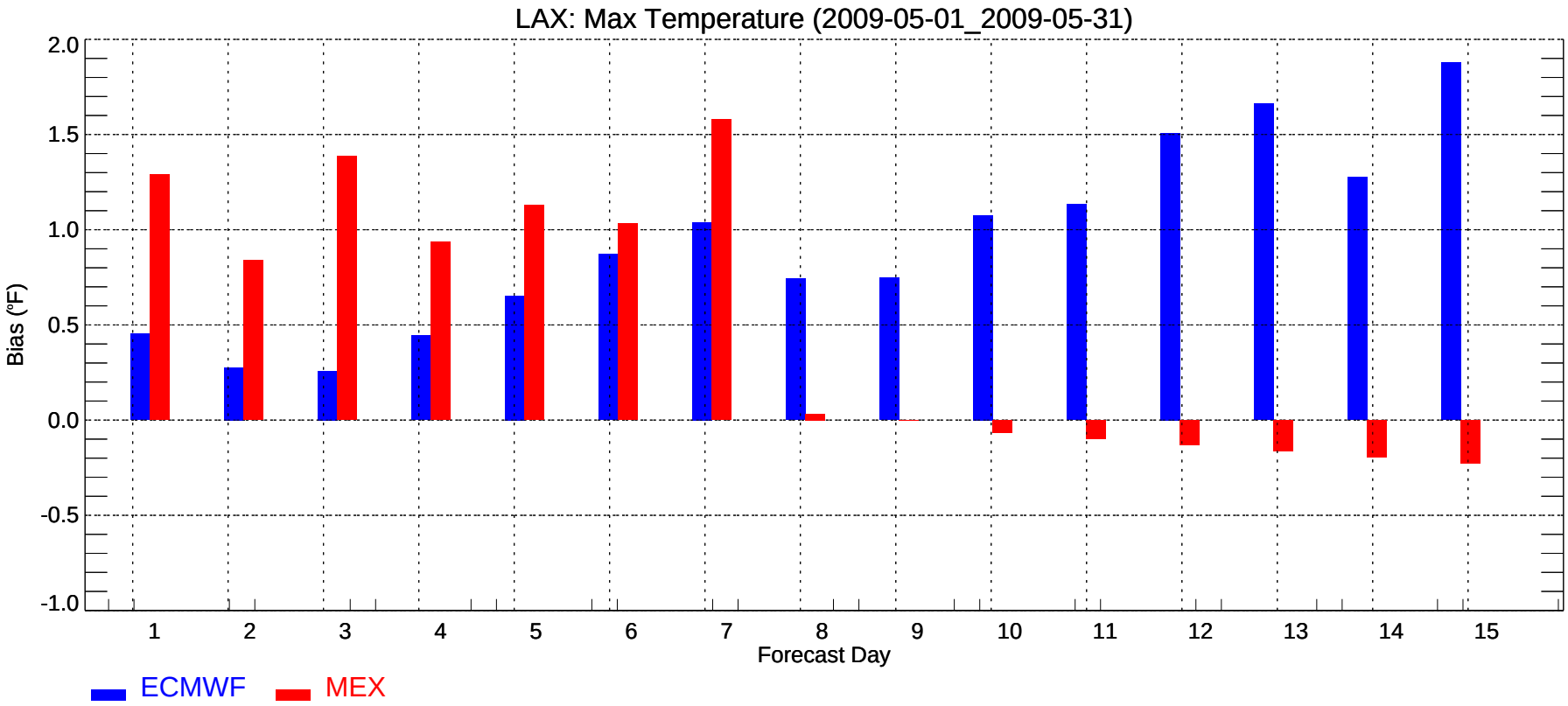
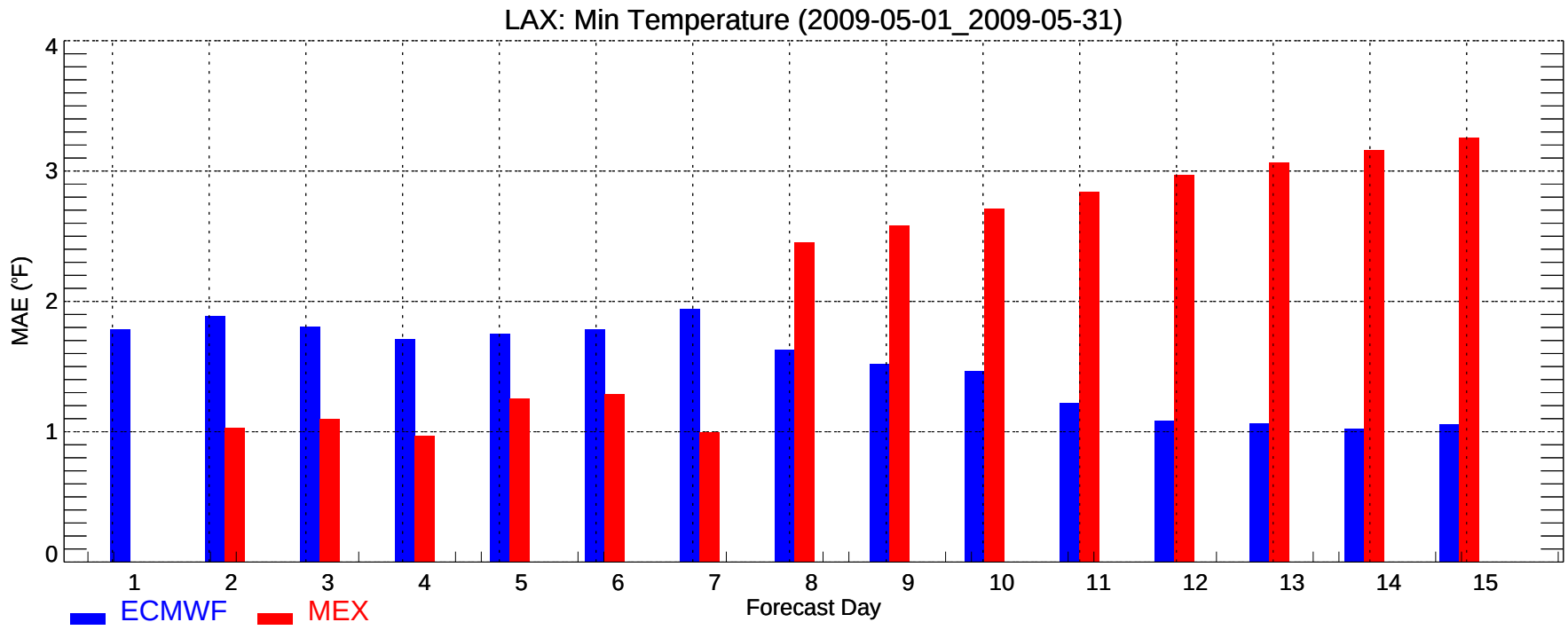
11
12
13
14
15
Forecast Day
ECMWF
MEX


LAX: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX


LAX: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX


LAX: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
1
2
3
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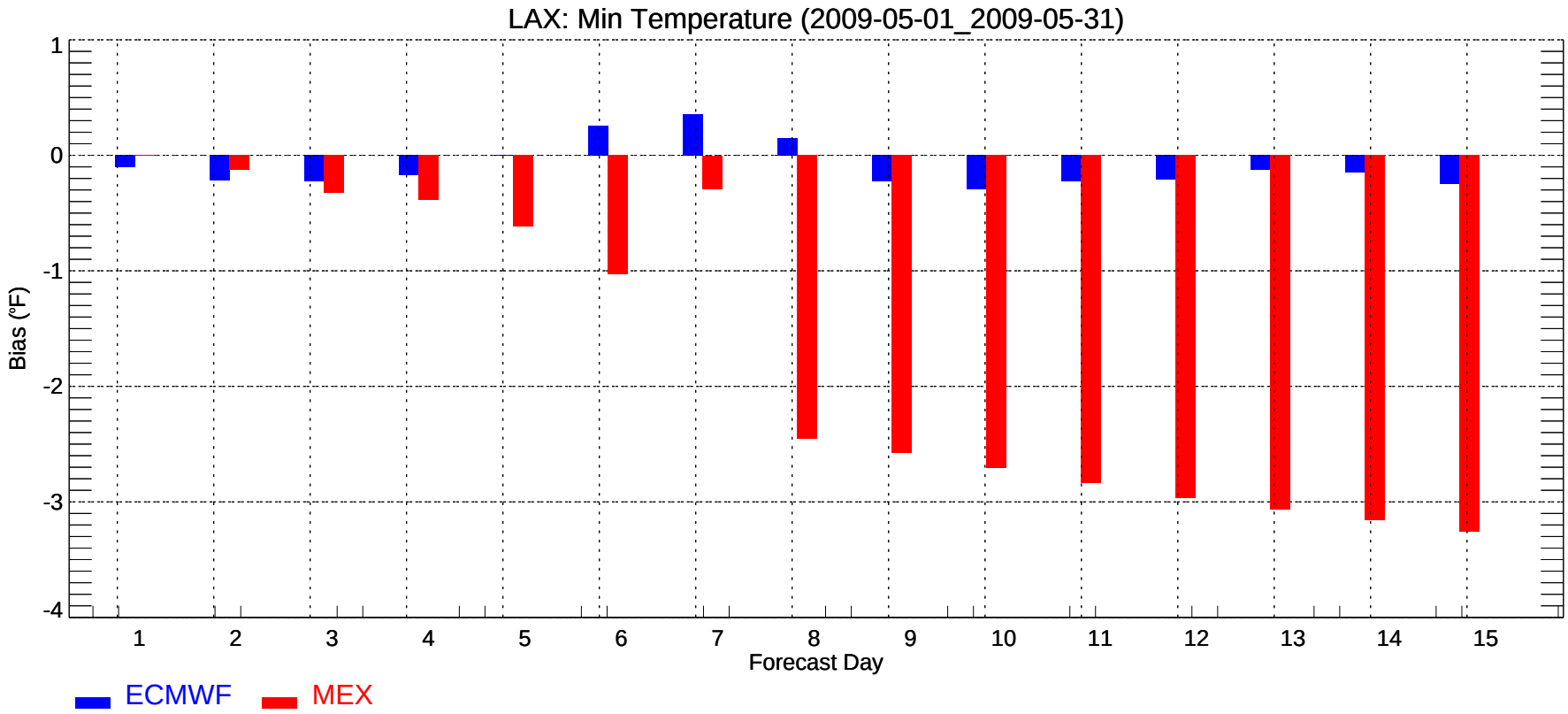
Forecast Day
ECMWF
MEX


LAX: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
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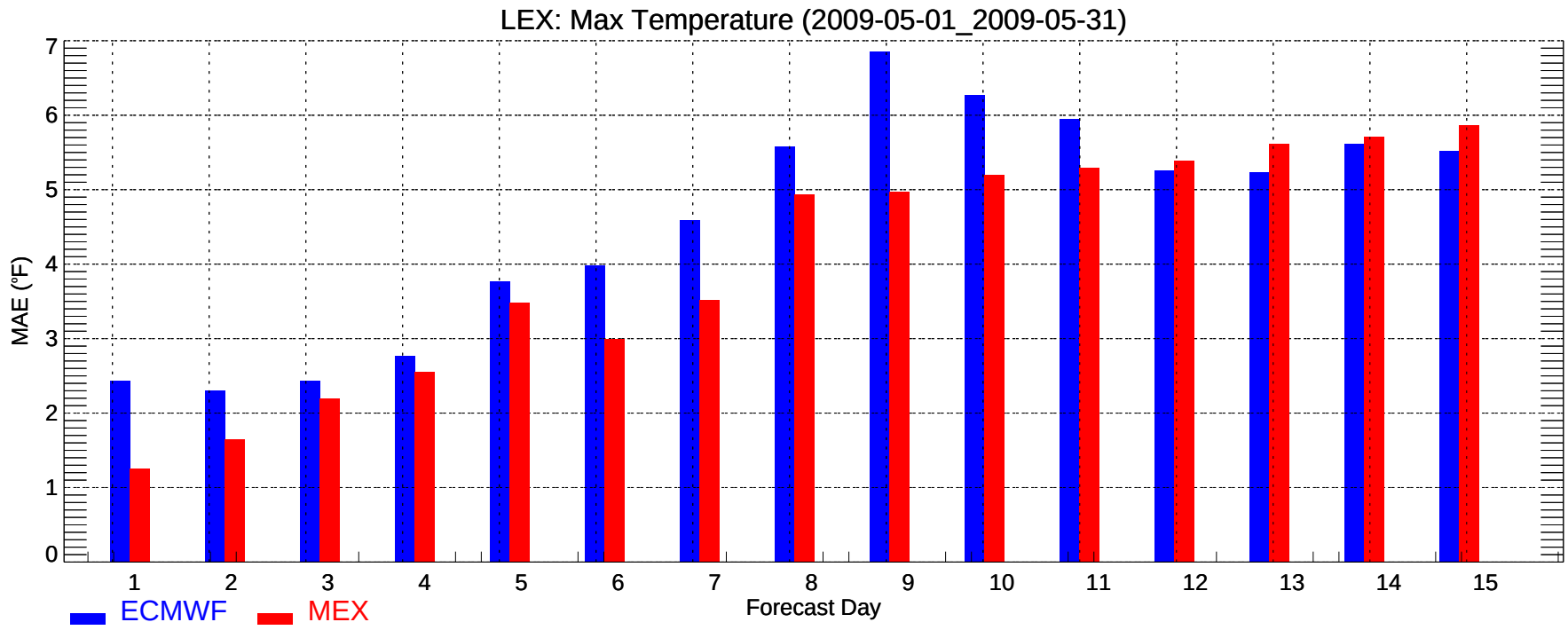
Forecast Day
ECMWF
MEX


LEX: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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6
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8
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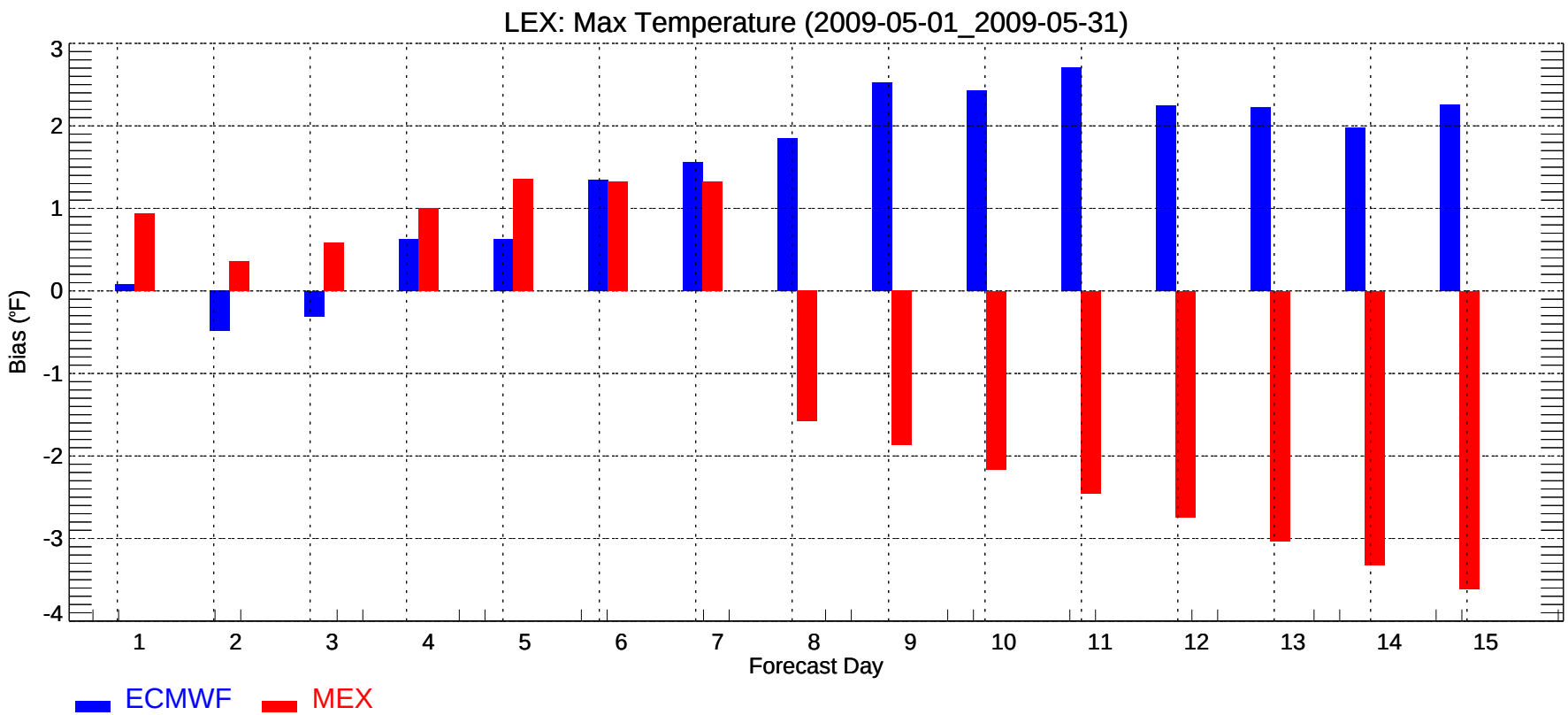
14
15
Forecast Day
ECMWF
MEX


LEX: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
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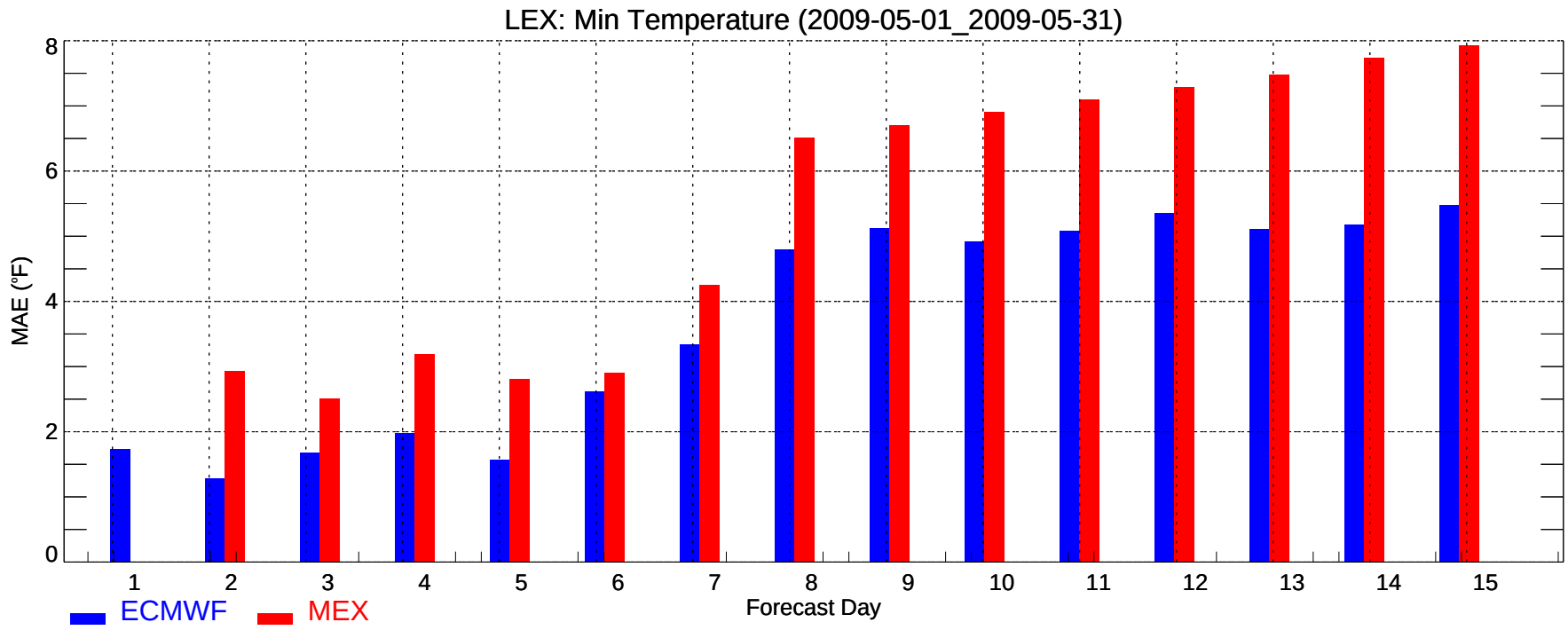
Forecast Day
ECMWF
MEX


LEX: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
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4
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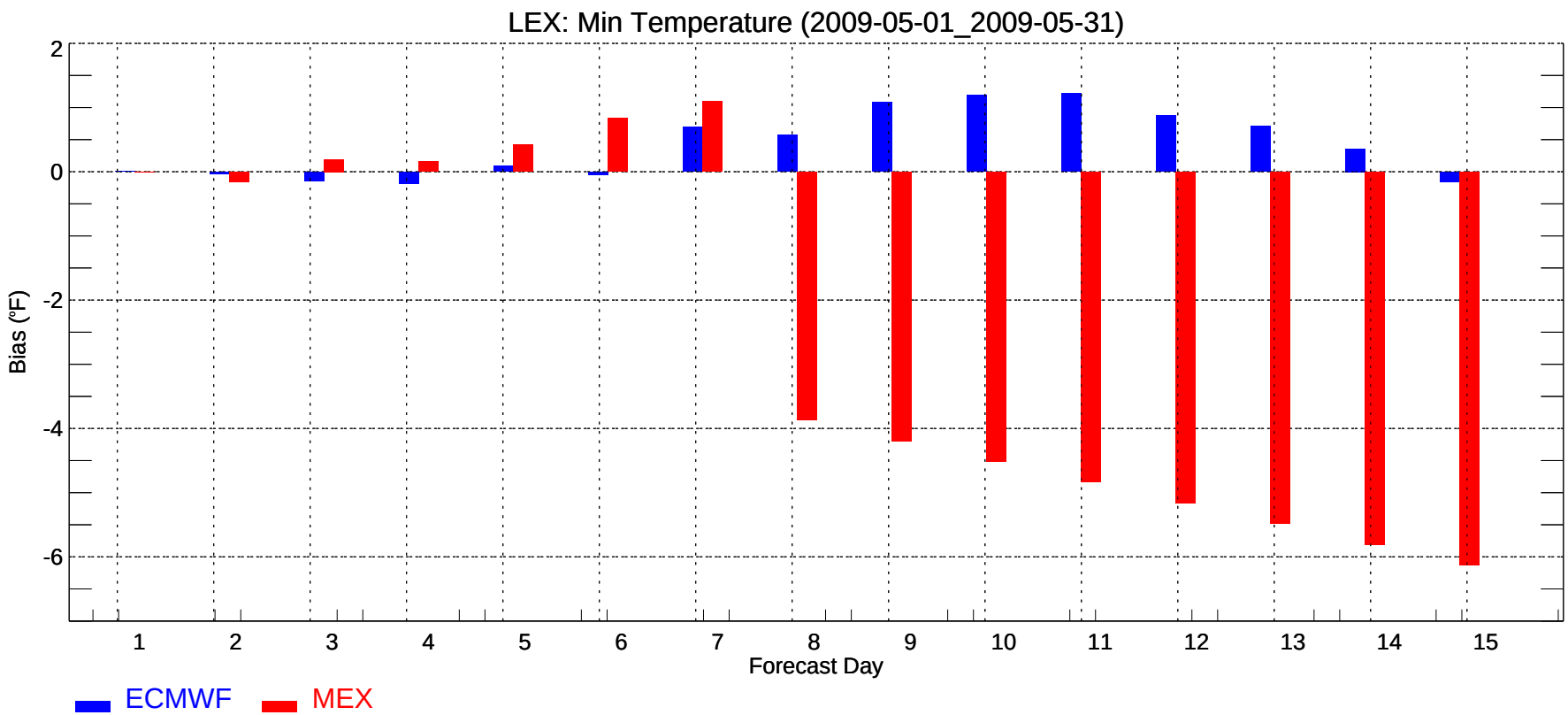
Forecast Day
ECMWF
MEX


LEX: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
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11
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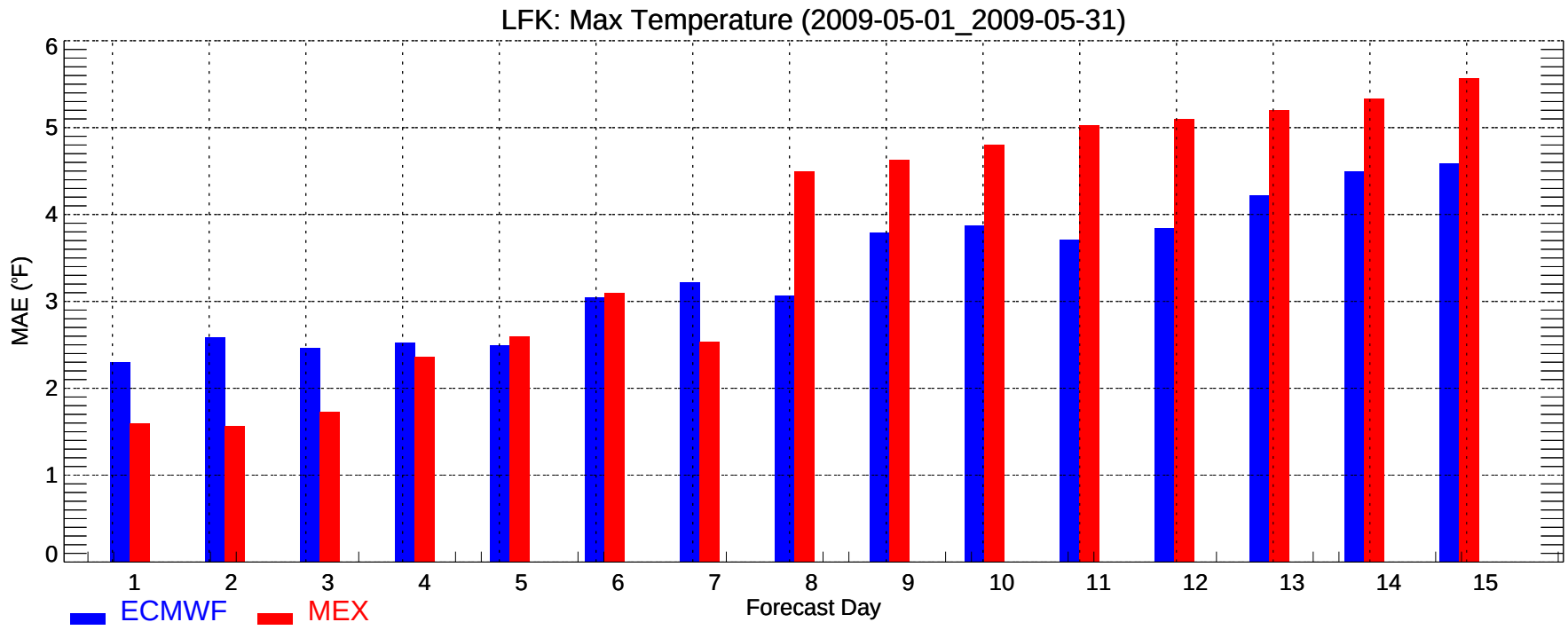
13
14
15
Forecast Day
ECMWF
MEX


LFK: Max Temperature (2009-05-01_2009-05-31)
MAE (°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
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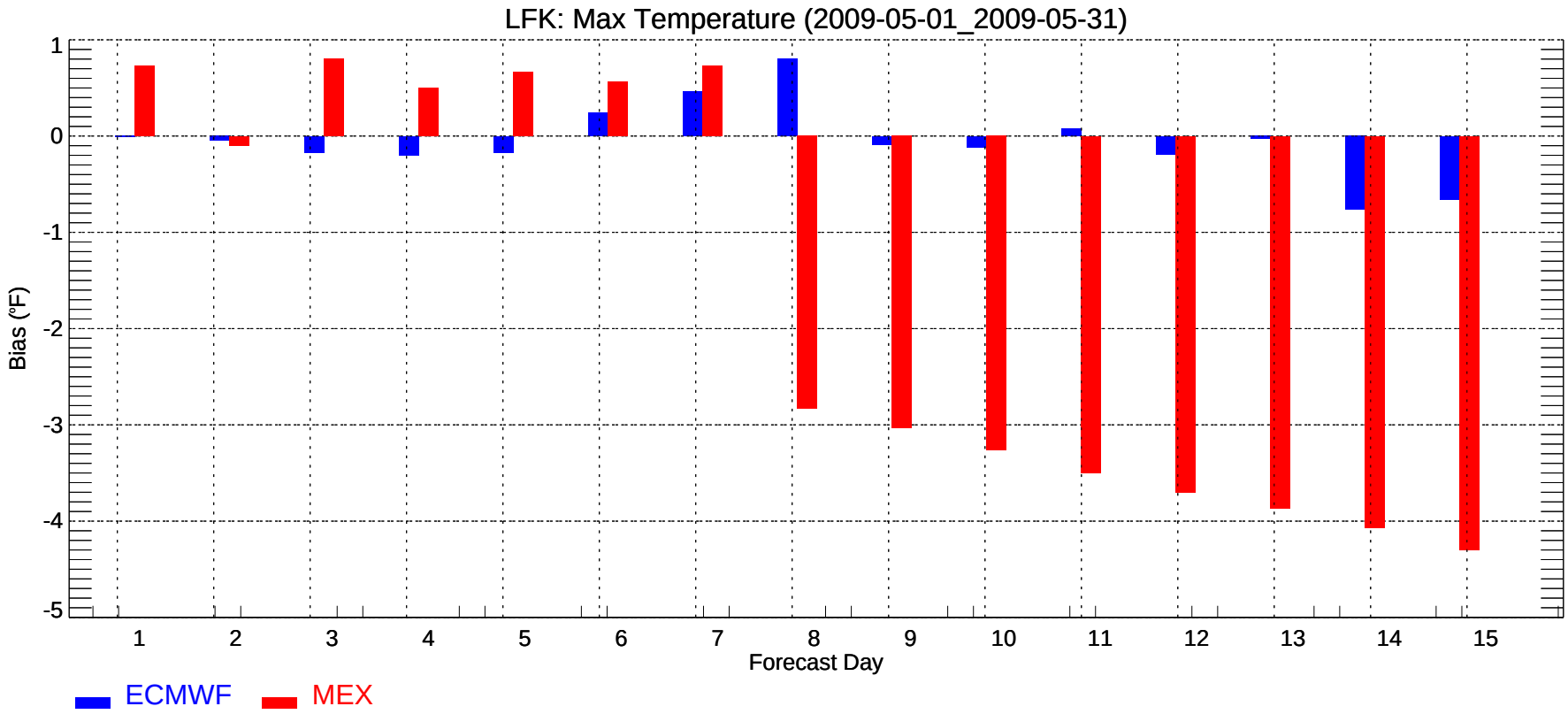
13
14
15
Forecast Day
ECMWF
MEX


LFK: Max Temperature (2009-05-01_2009-05-31)
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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12
13
14
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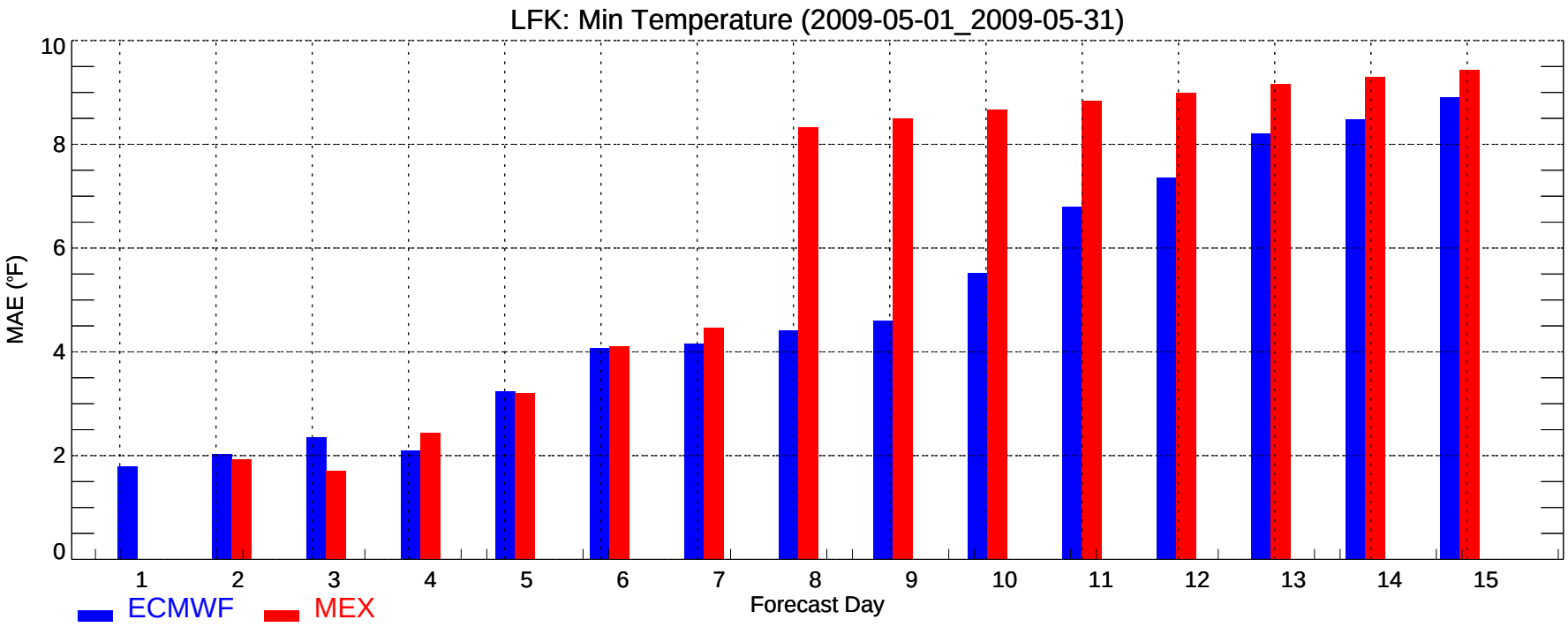
Forecast Day
ECMWF
MEX


LFK: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
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6
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8
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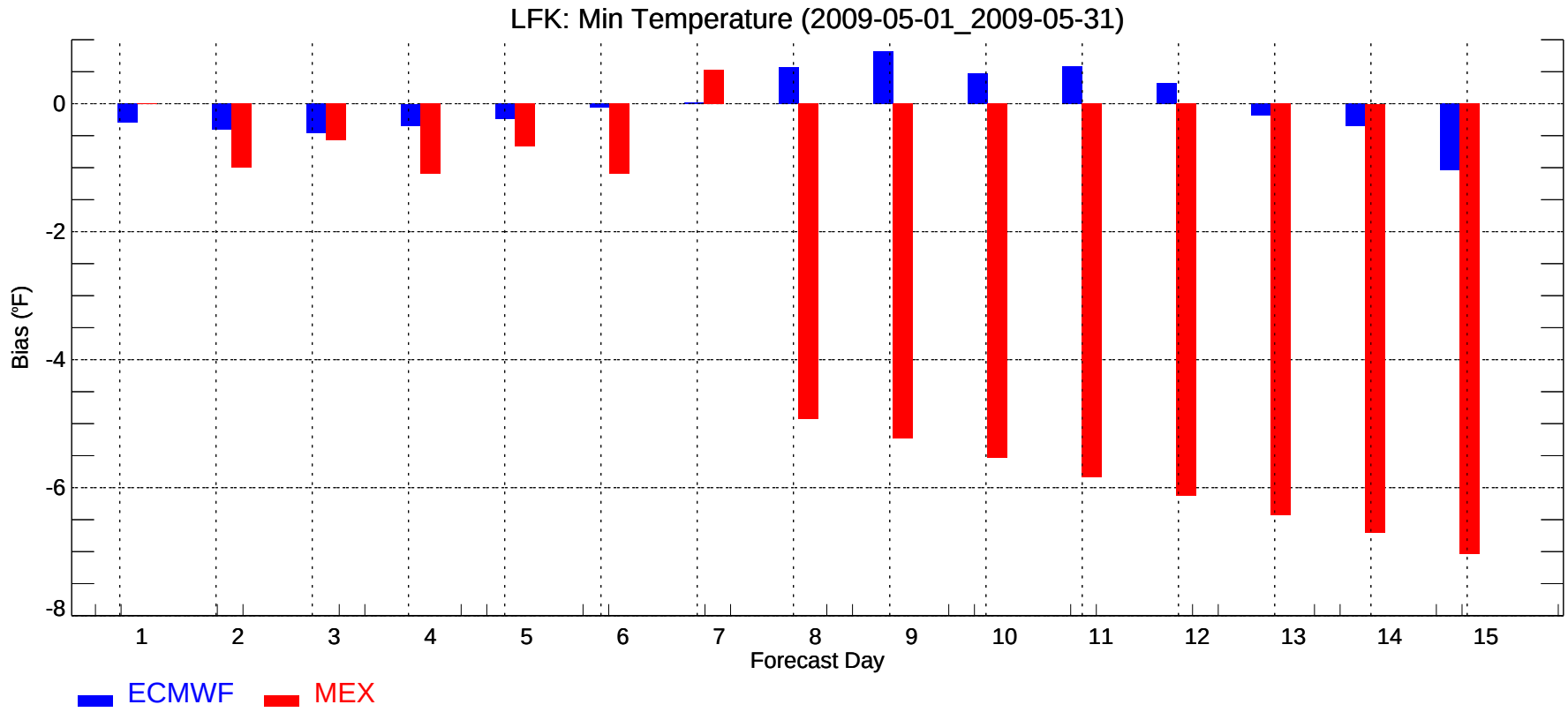
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


LFK: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
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8
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13
14
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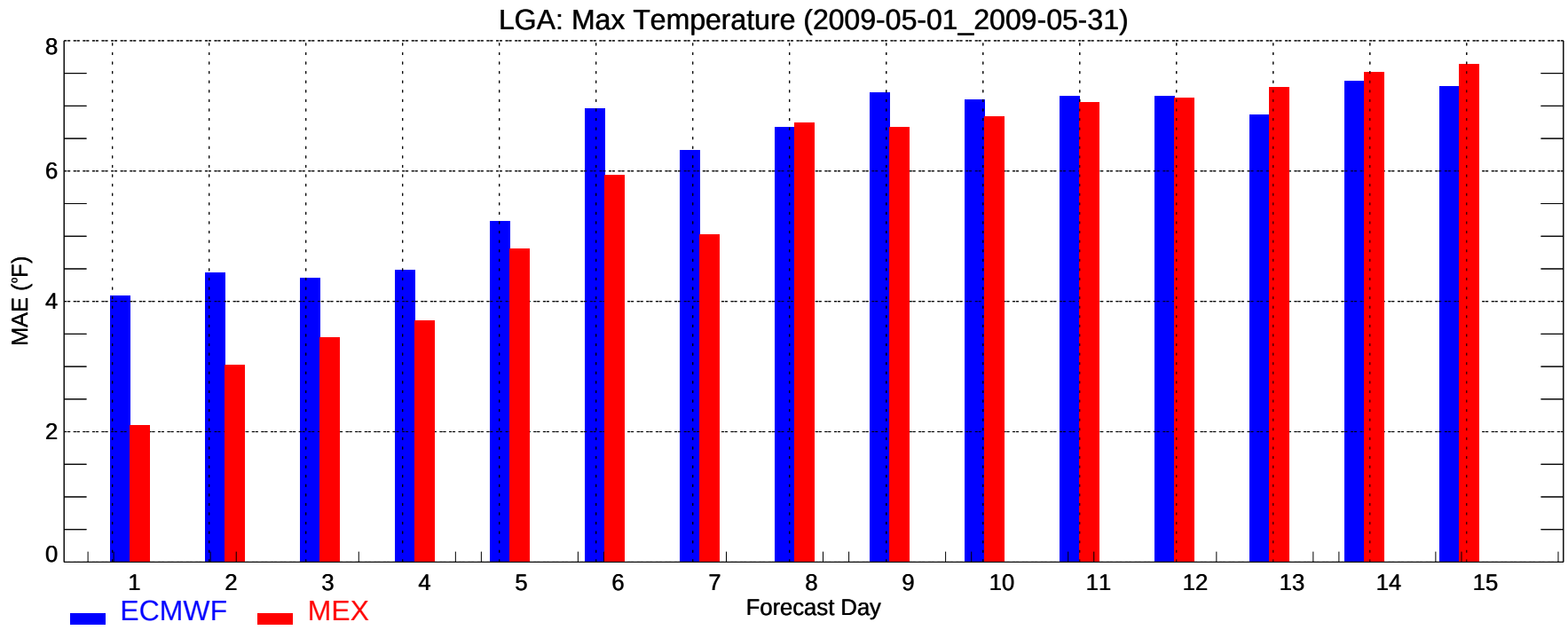
Forecast Day
ECMWF
MEX


LGA: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
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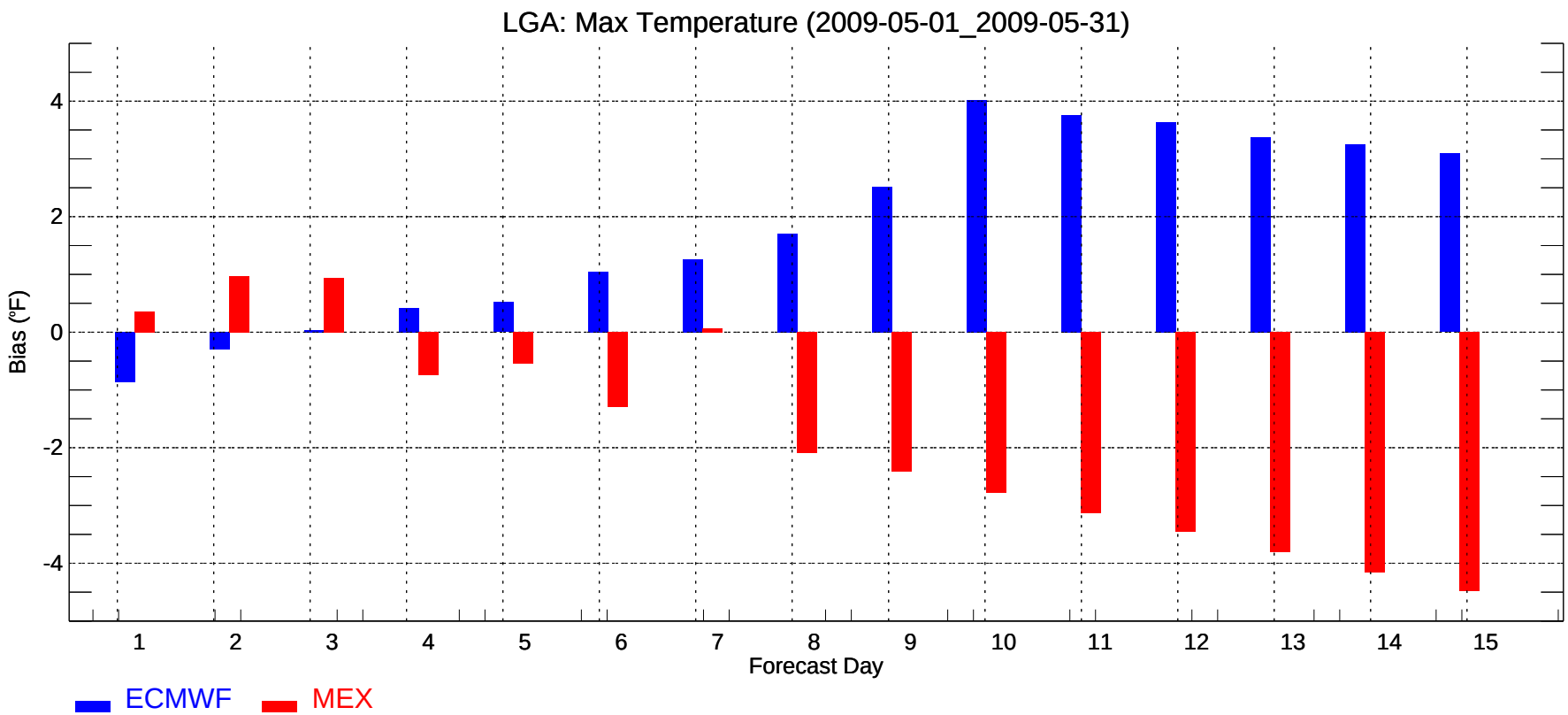
Forecast Day
ECMWF
MEX


LGA: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
1
2
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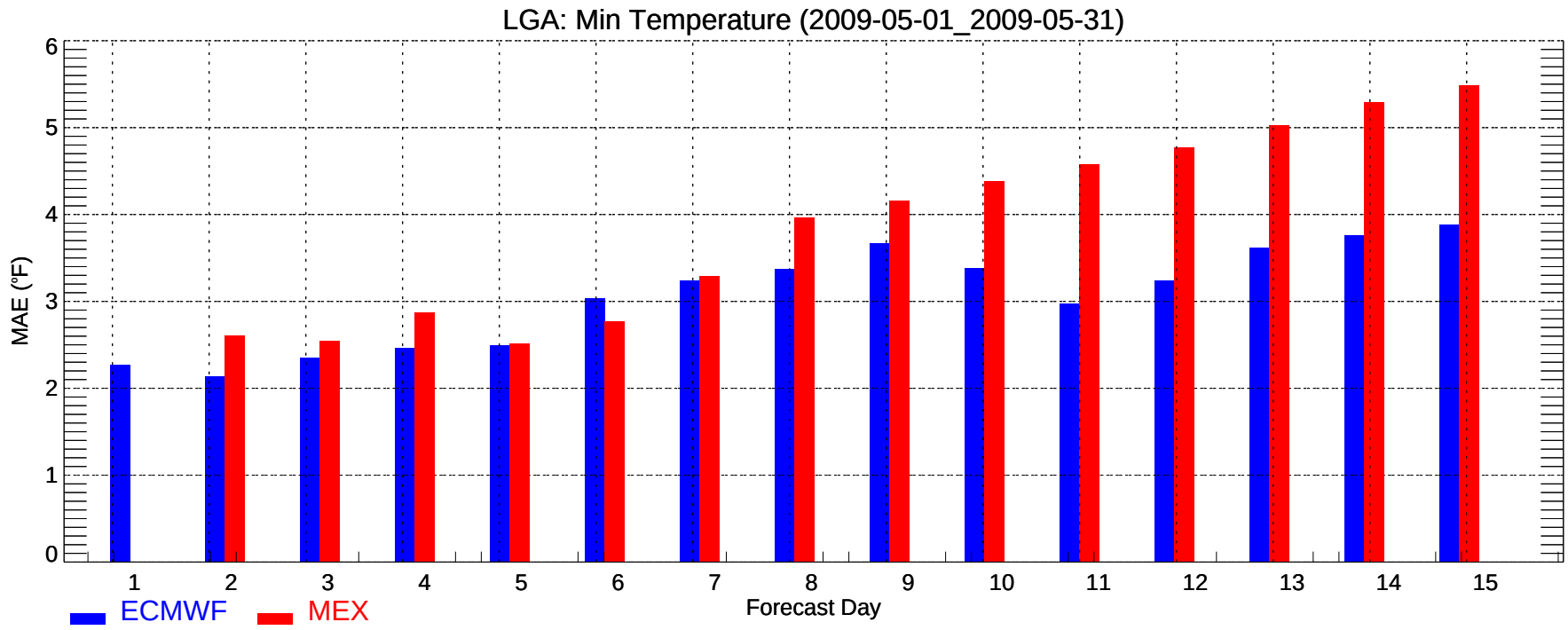
Forecast Day
ECMWF
MEX


LGA: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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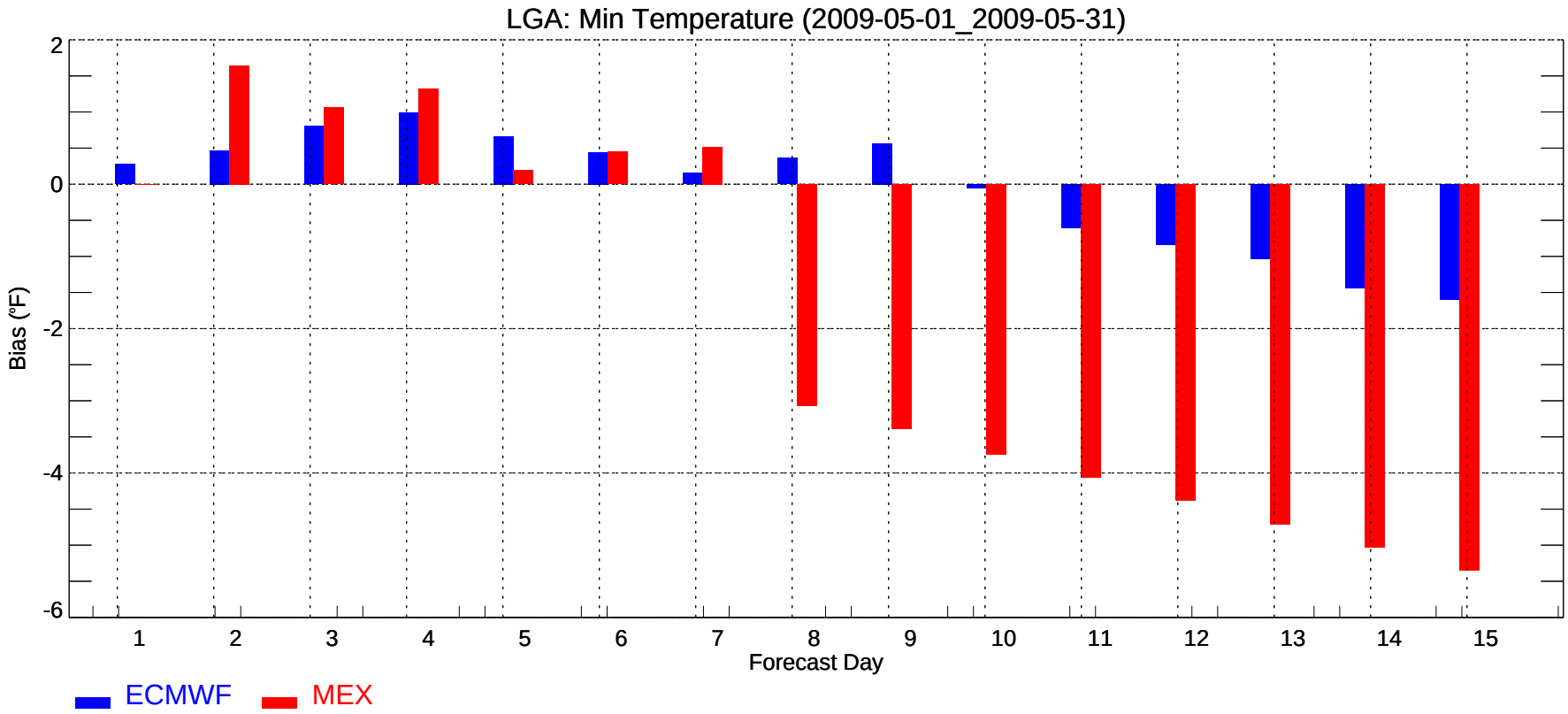
Forecast Day
ECMWF
MEX


LGA: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
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-2
-4
-6
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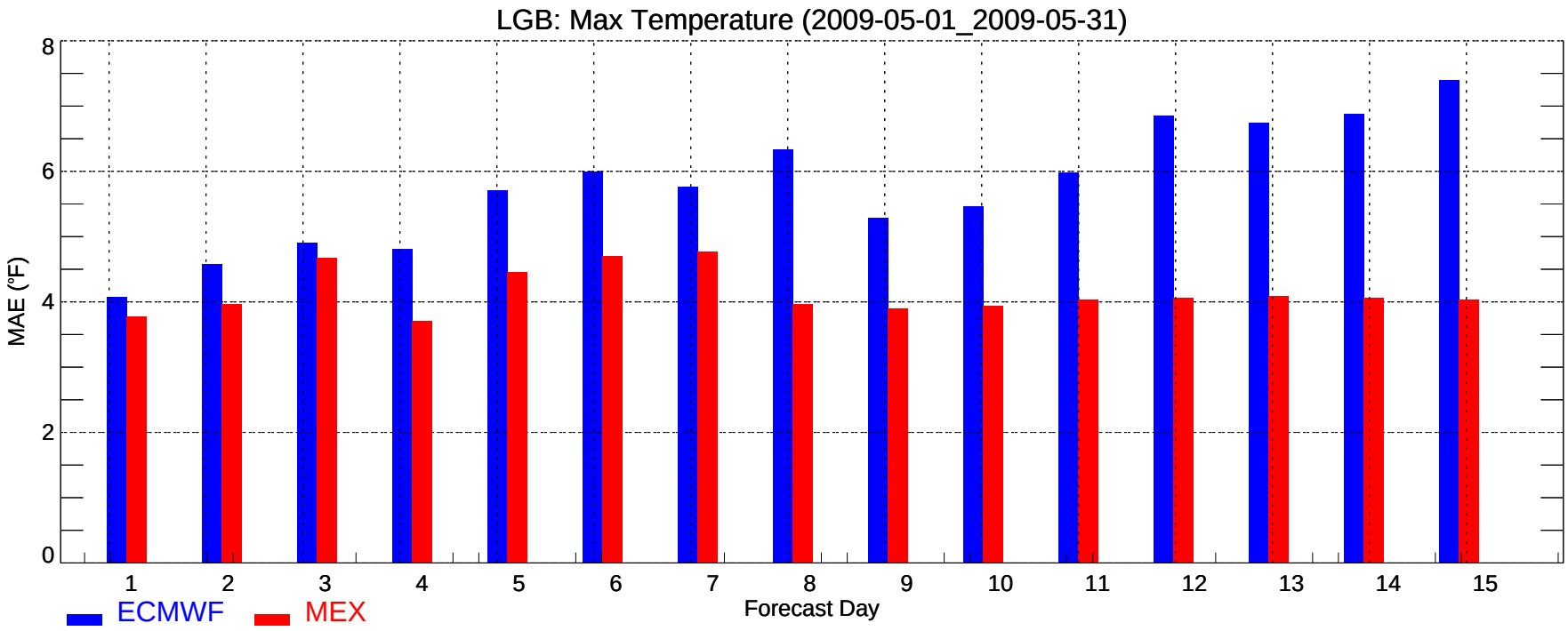
Forecast Day
ECMWF
MEX


LGB: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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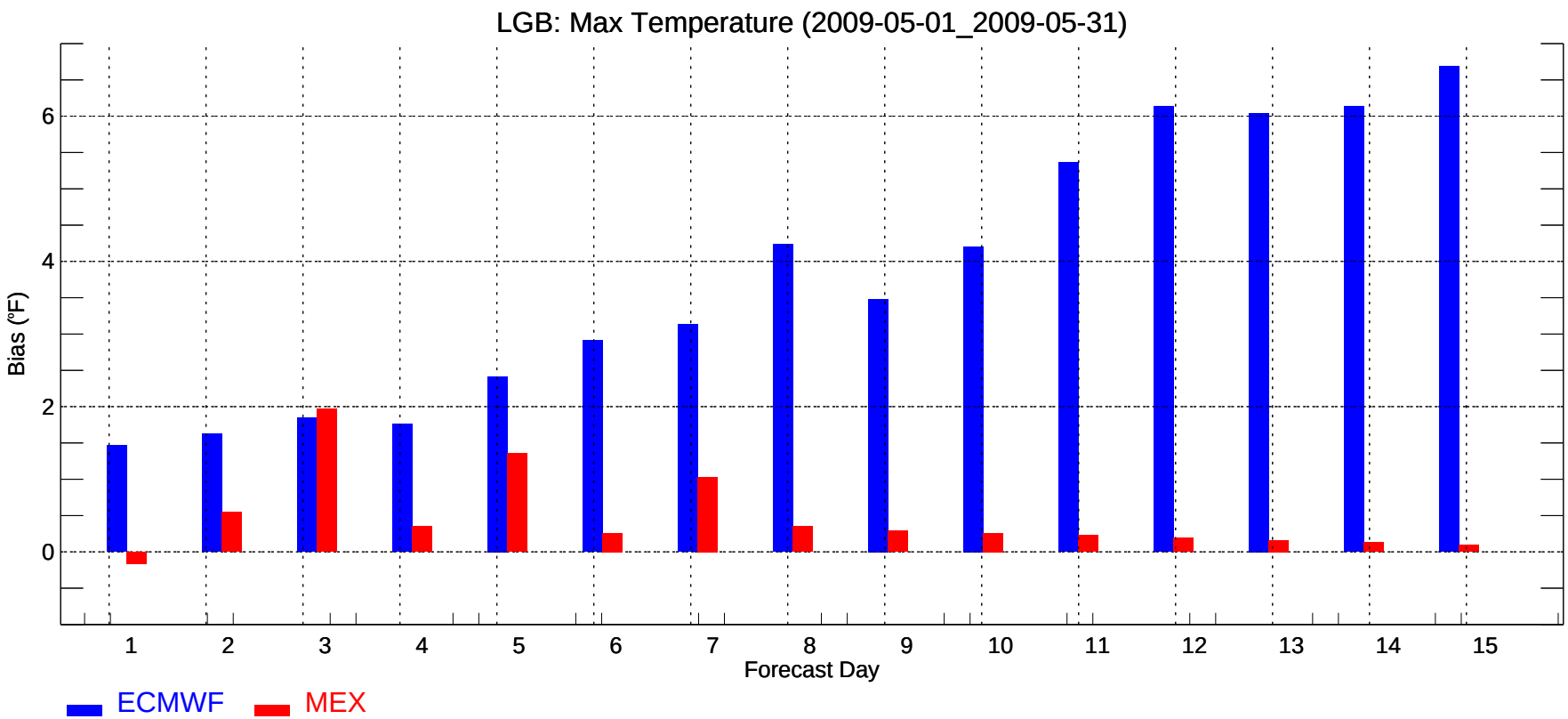
Forecast Day
ECMWF
MEX


LGB: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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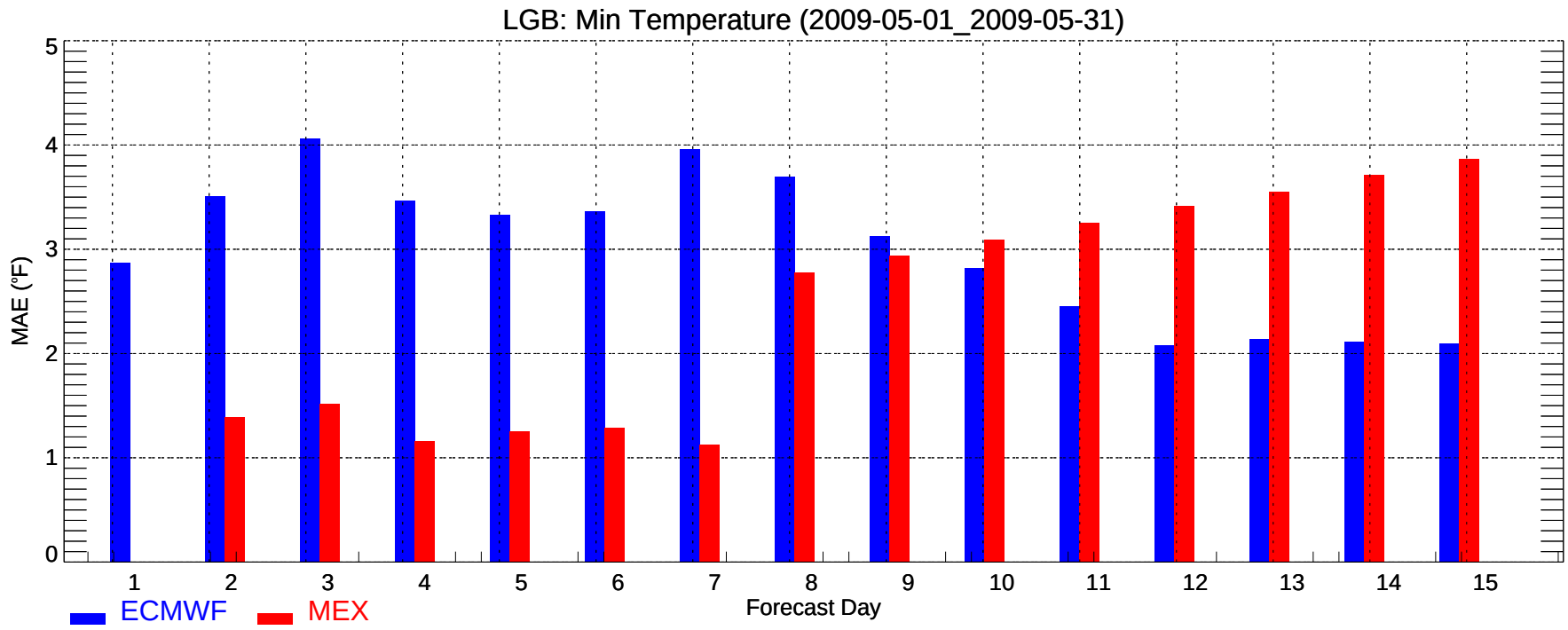
Forecast Day
ECMWF
MEX


LGB: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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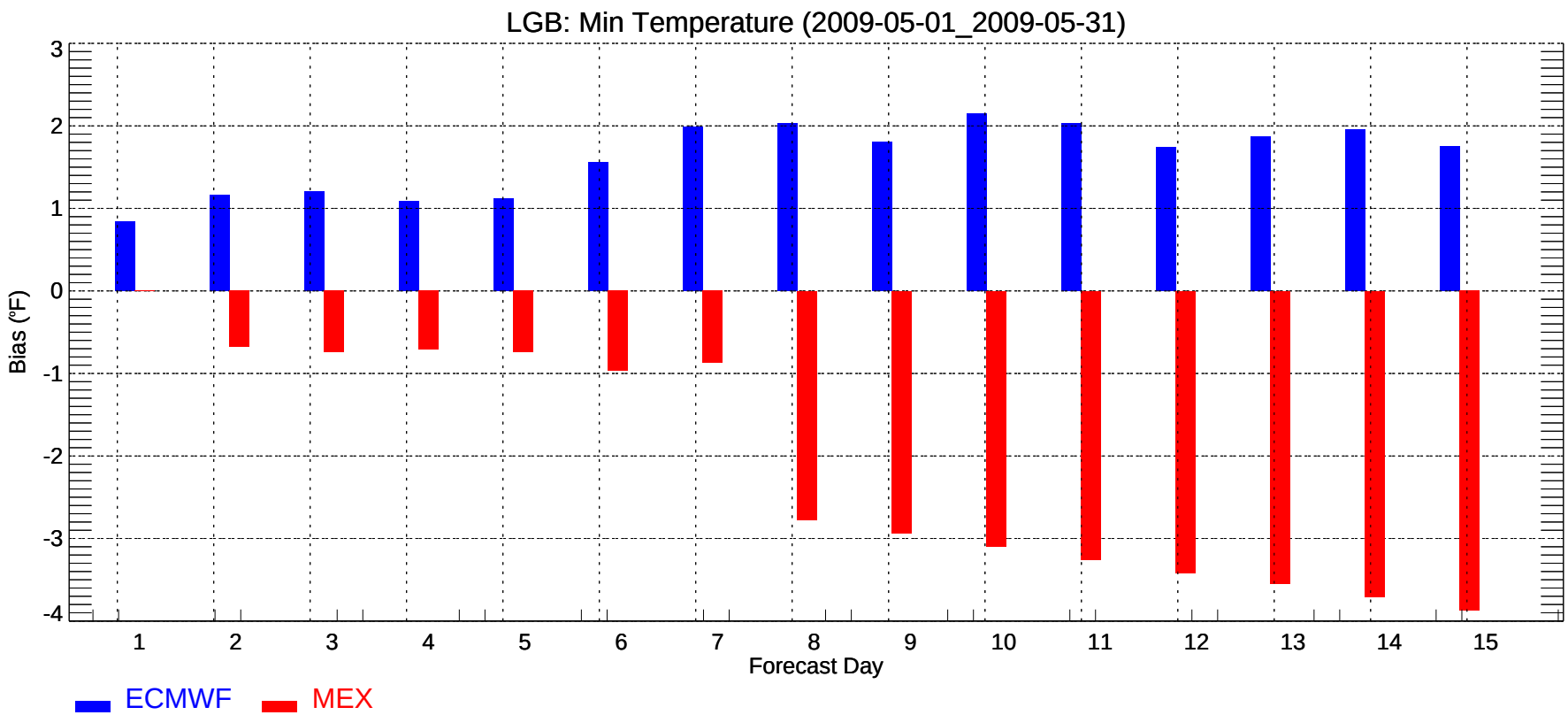
Forecast Day
ECMWF
MEX


LGB: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
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-1
-2
-3
-4
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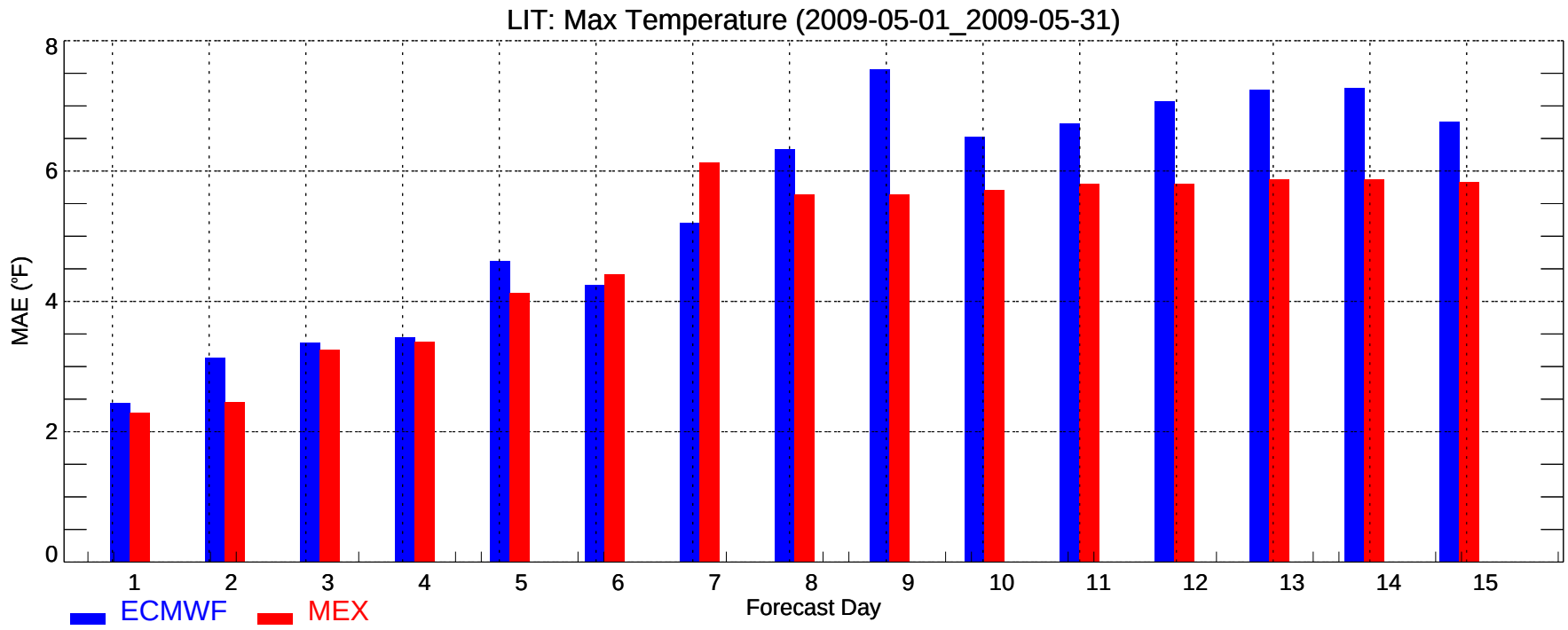
Forecast Day
ECMWF
MEX


LIT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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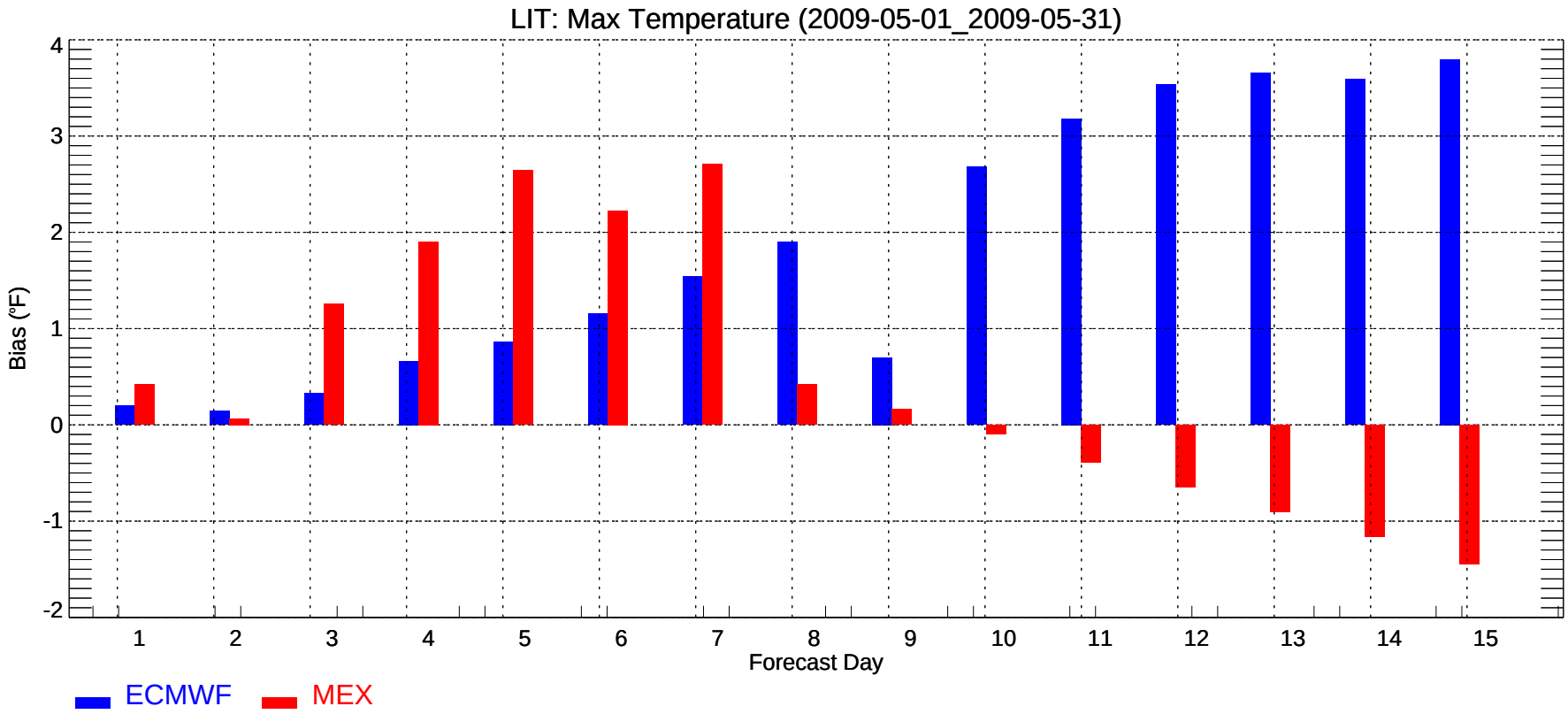
Forecast Day
ECMWF
MEX


LIT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
-2
-1
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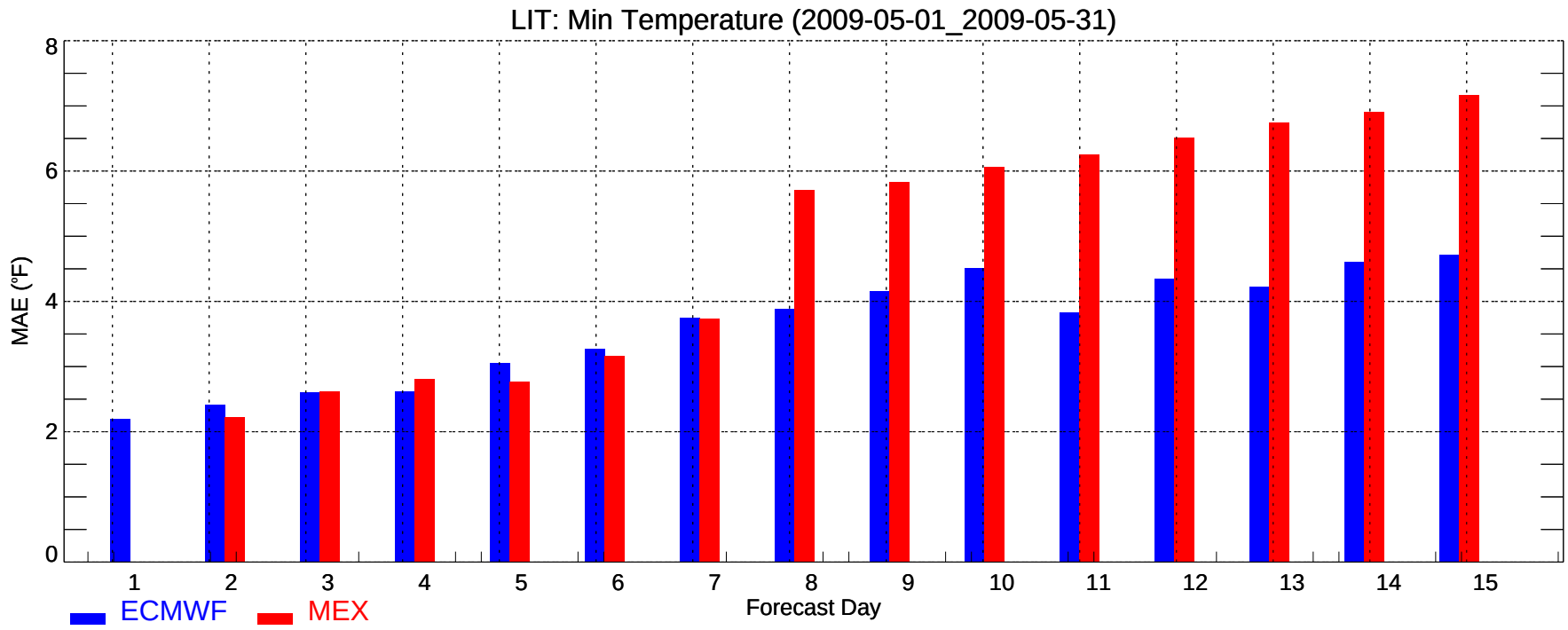
Forecast Day
ECMWF
MEX


LIT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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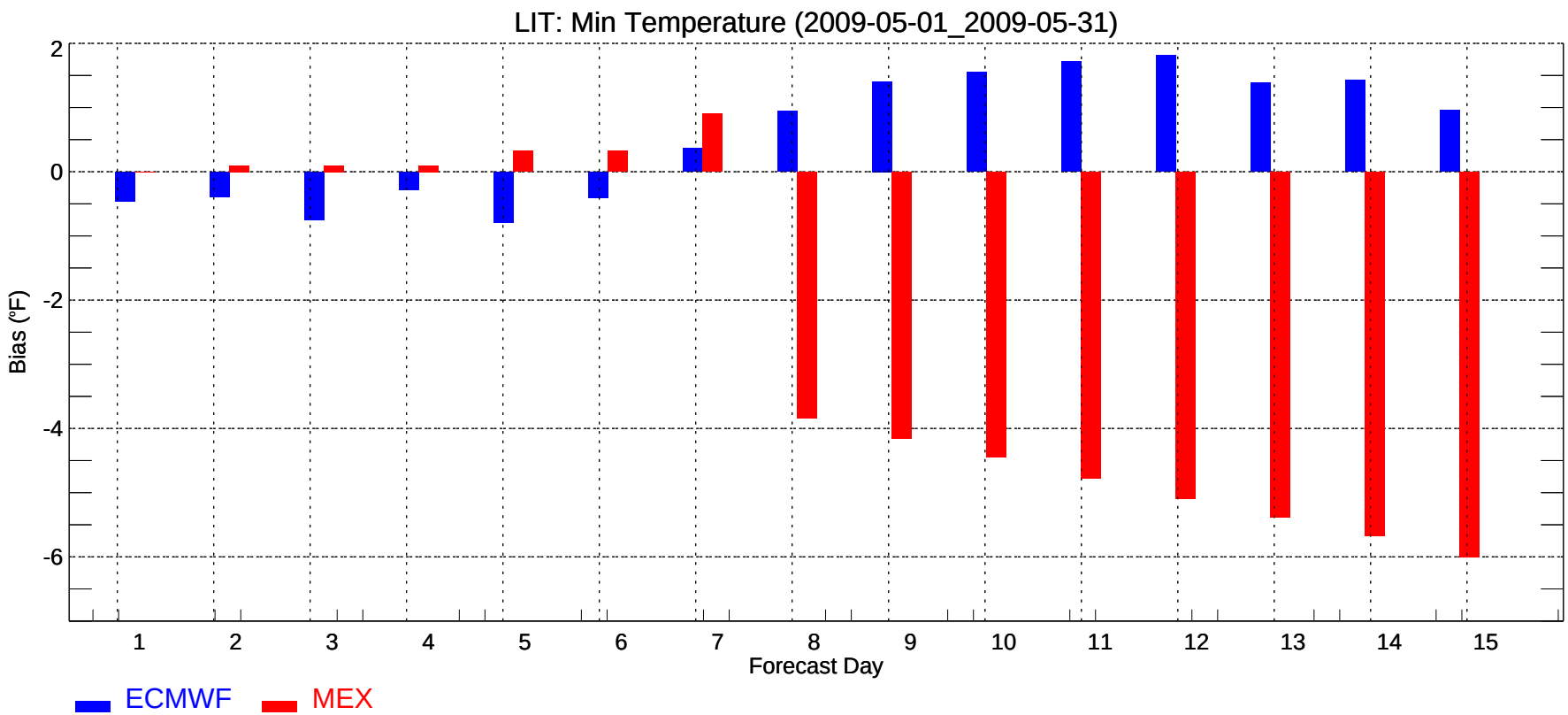
Forecast Day
ECMWF
MEX


LIT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
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2
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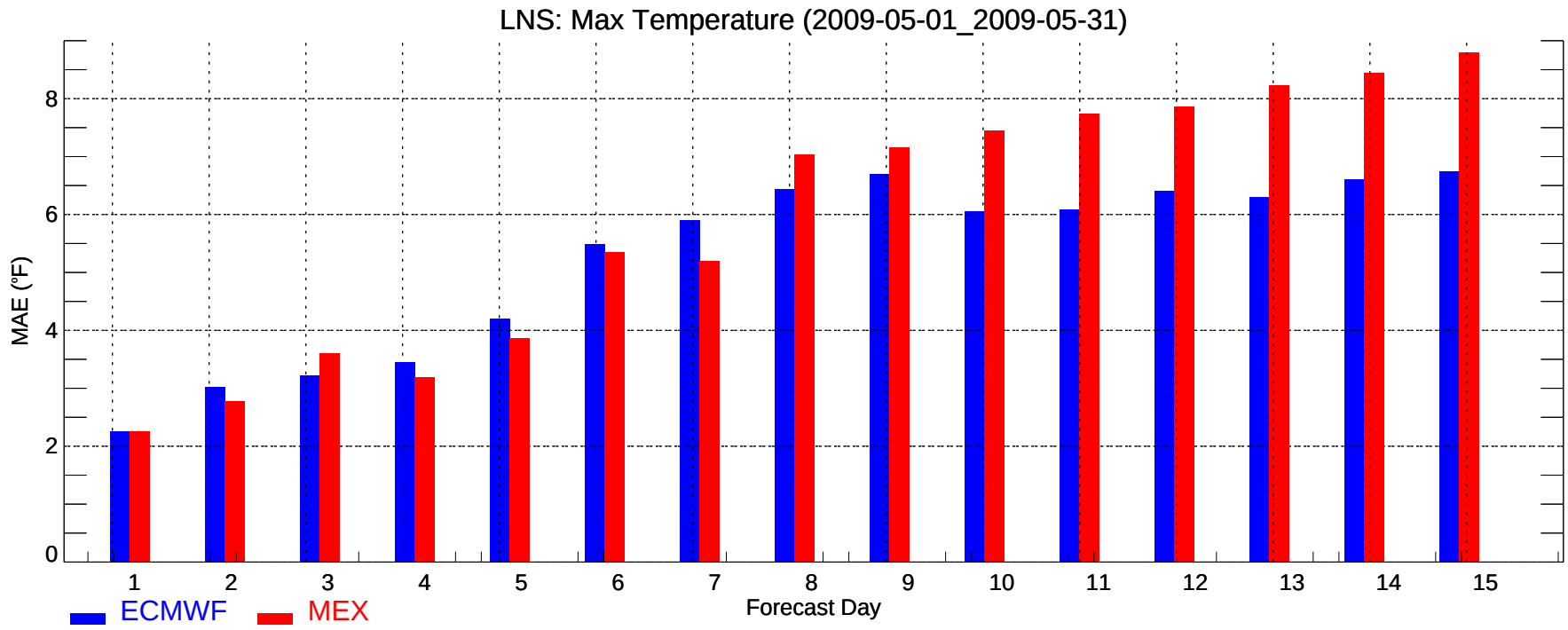
Forecast Day
ECMWF
MEX


LNS: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
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8
1
2
3
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6
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8
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14
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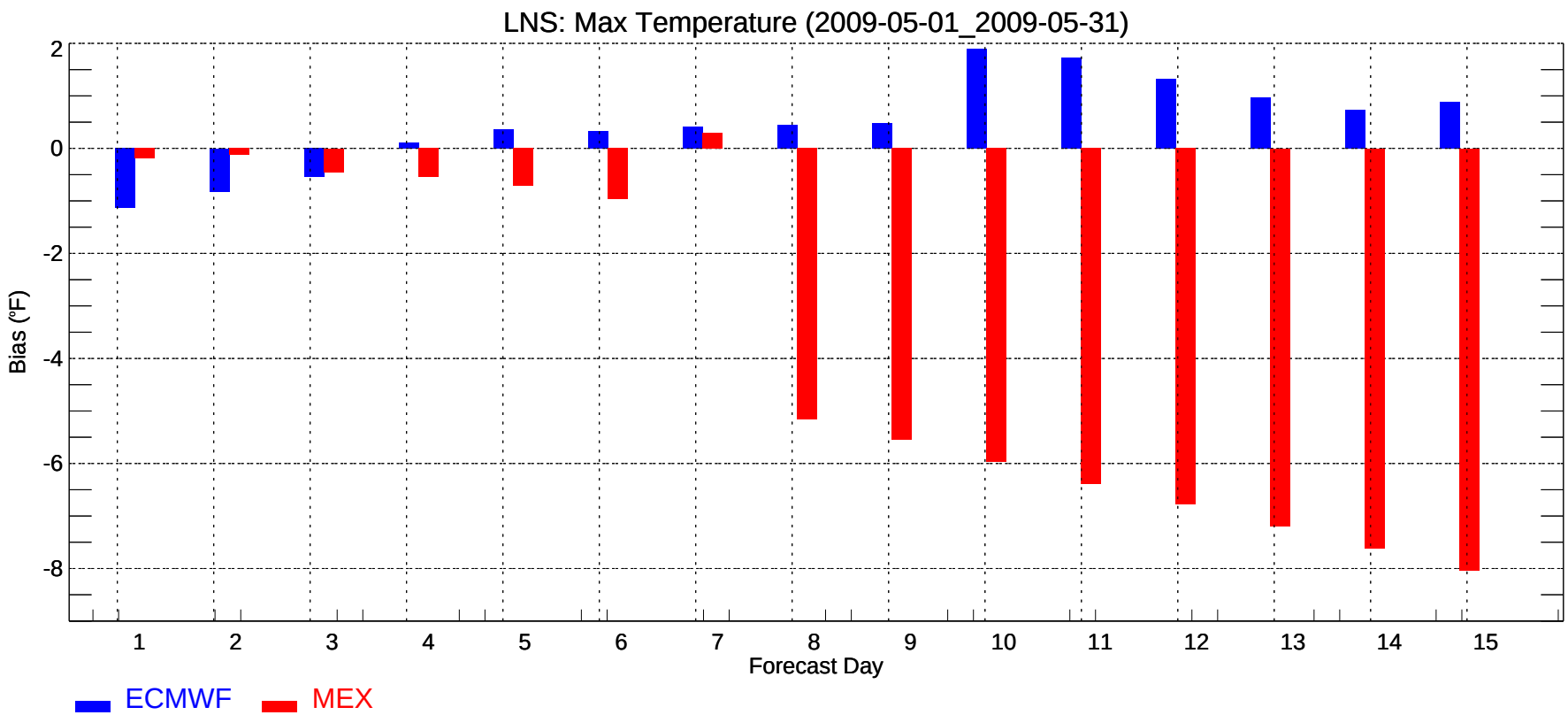
Forecast Day
ECMWF
MEX


LNS: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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13
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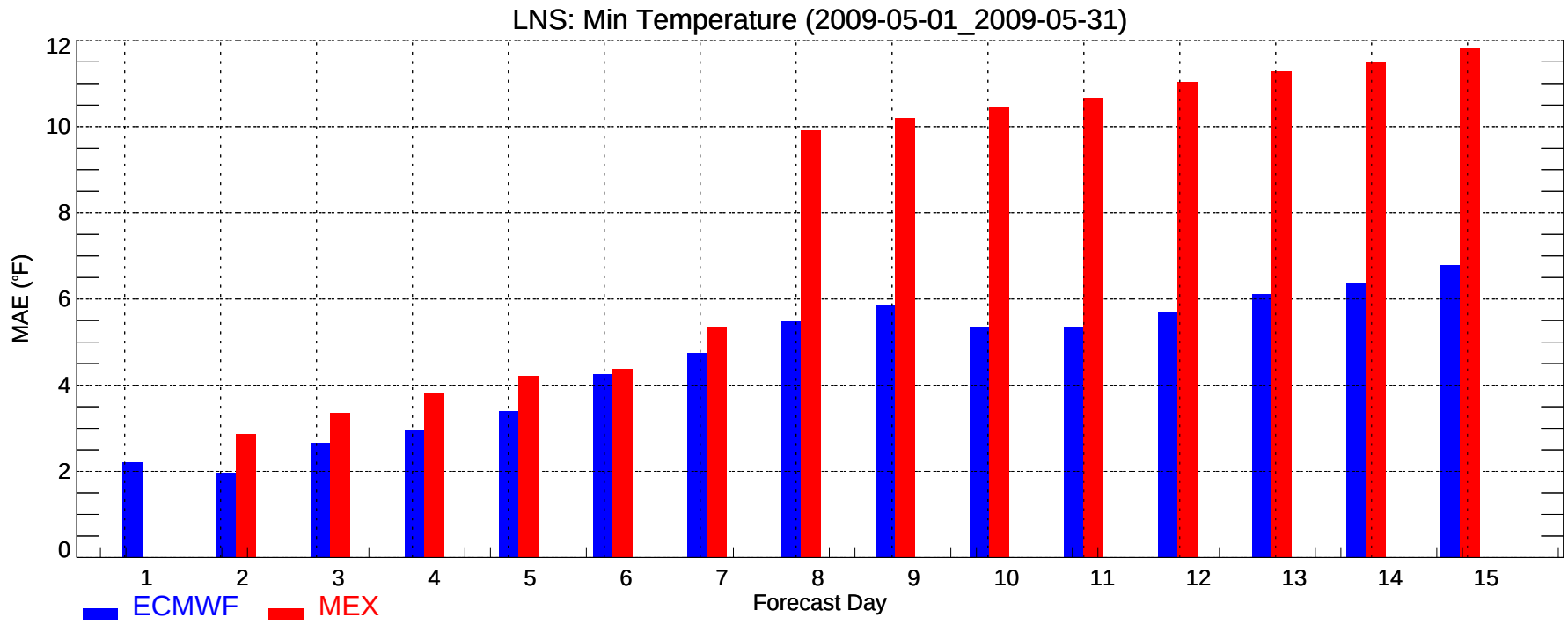
Forecast Day
ECMWF
MEX


LNS: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
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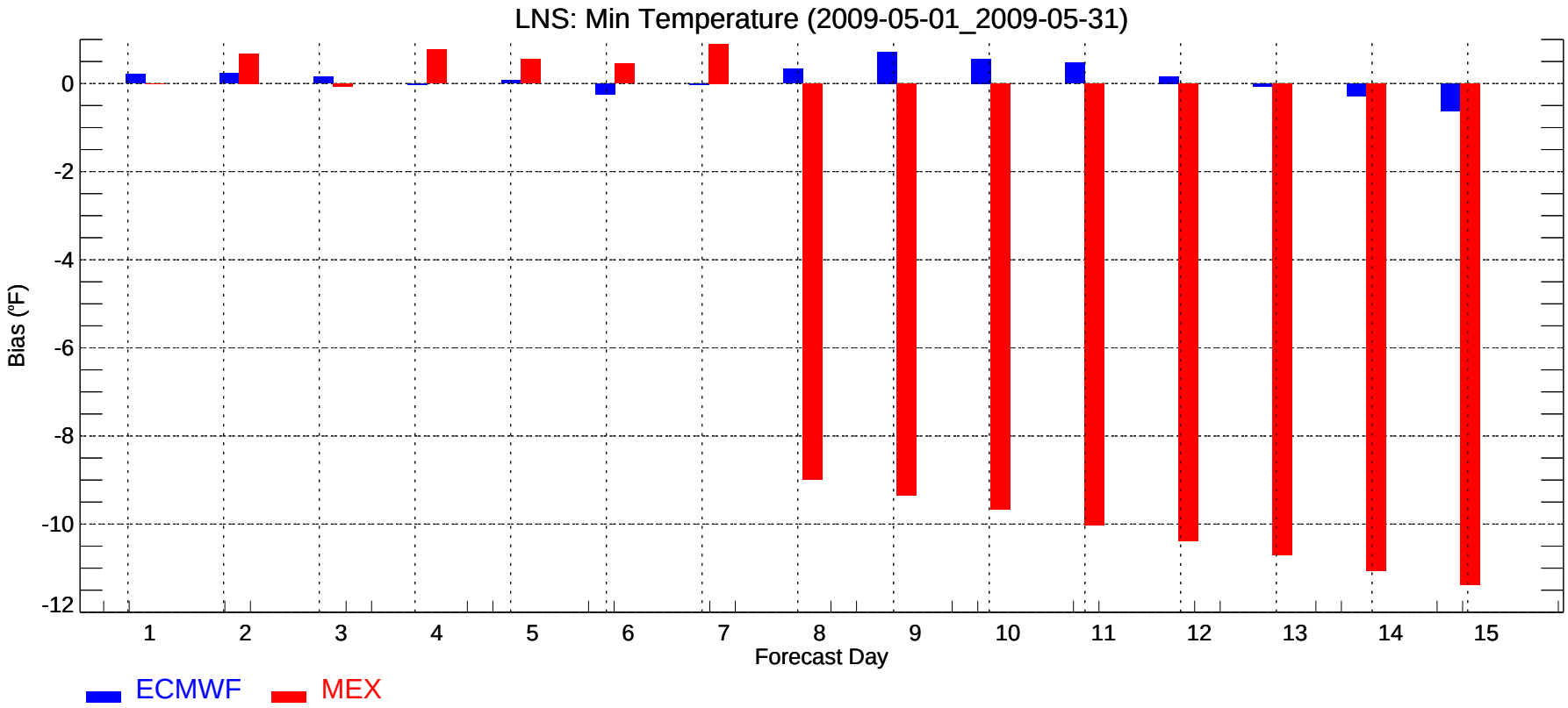
Forecast Day
ECMWF
MEX


LNS: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
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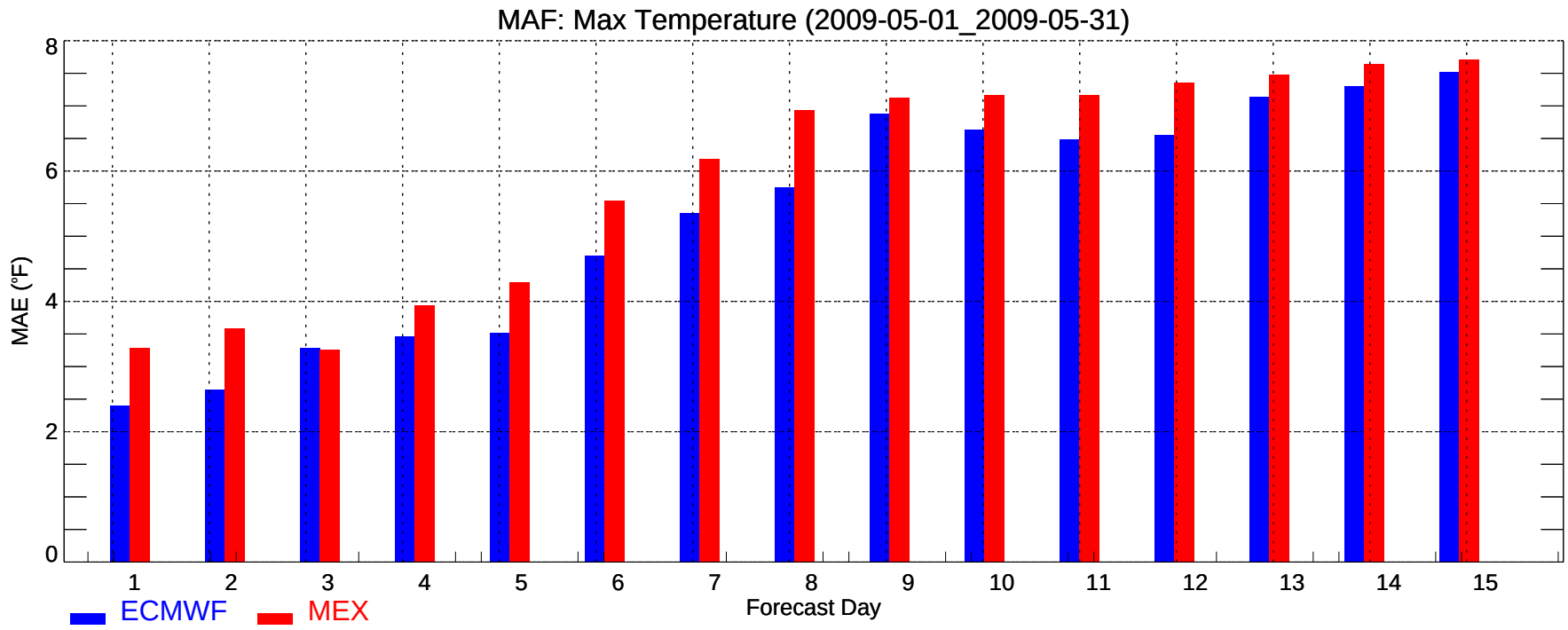
Forecast Day
ECMWF
MEX


MAF: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
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1
2
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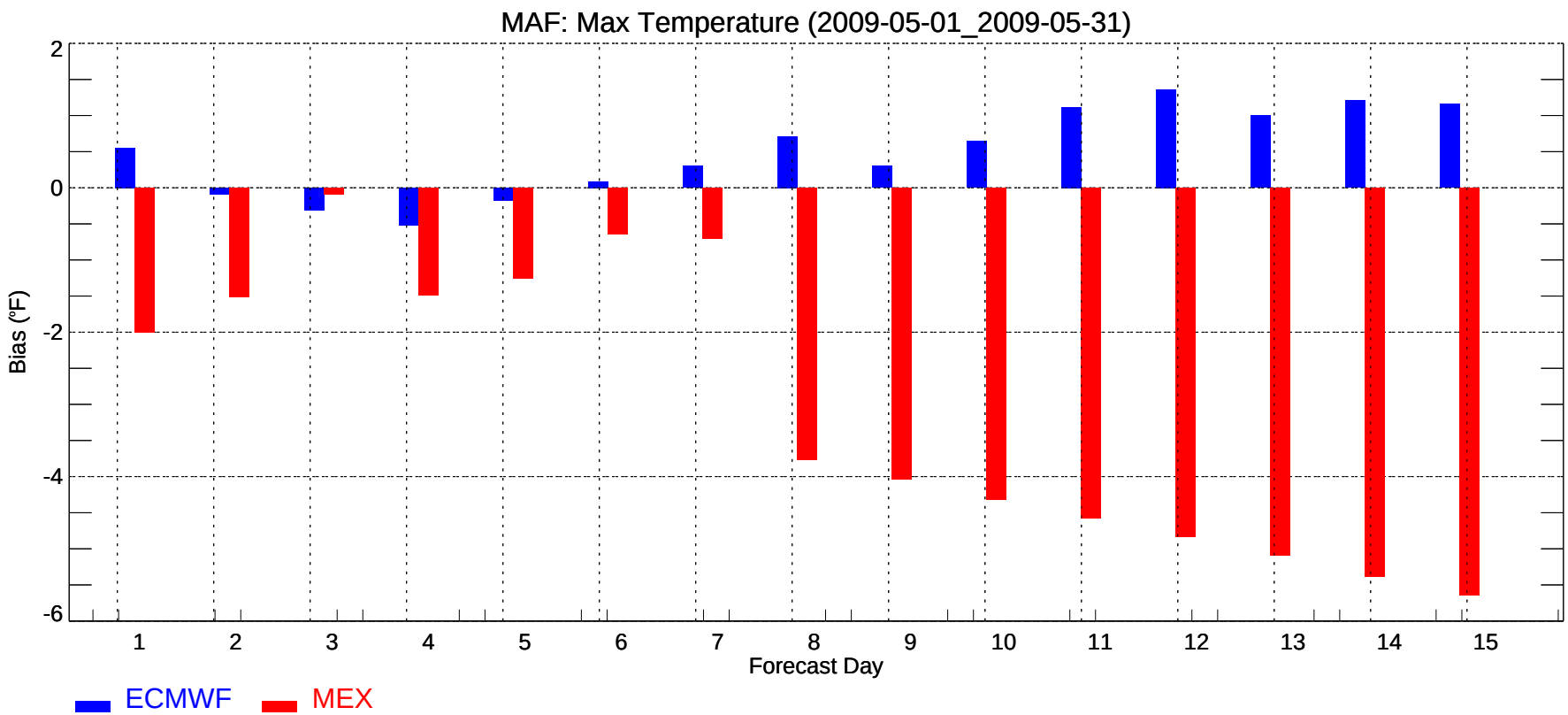
Forecast Day
ECMWF
MEX


MAF: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
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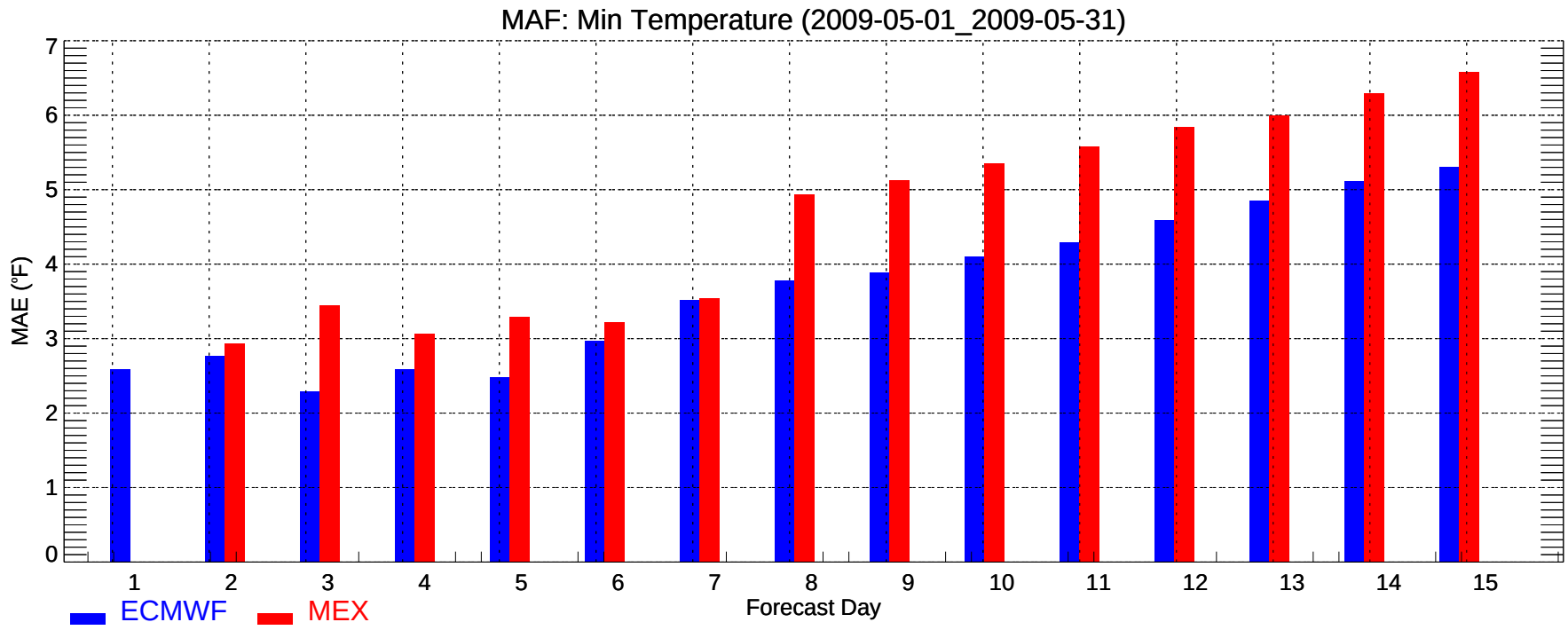
Forecast Day
ECMWF
MEX


MAF: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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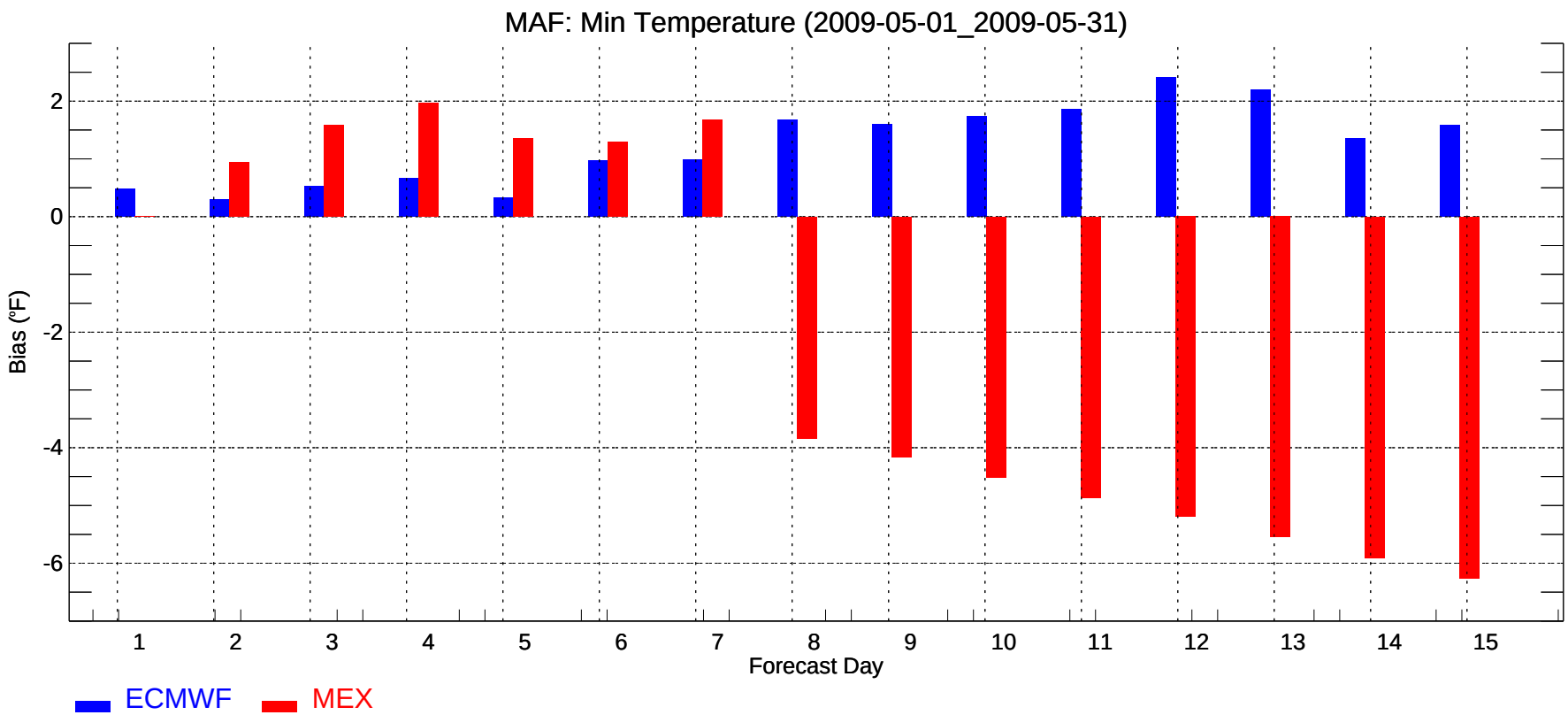
Forecast Day
ECMWF
MEX


MAF: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
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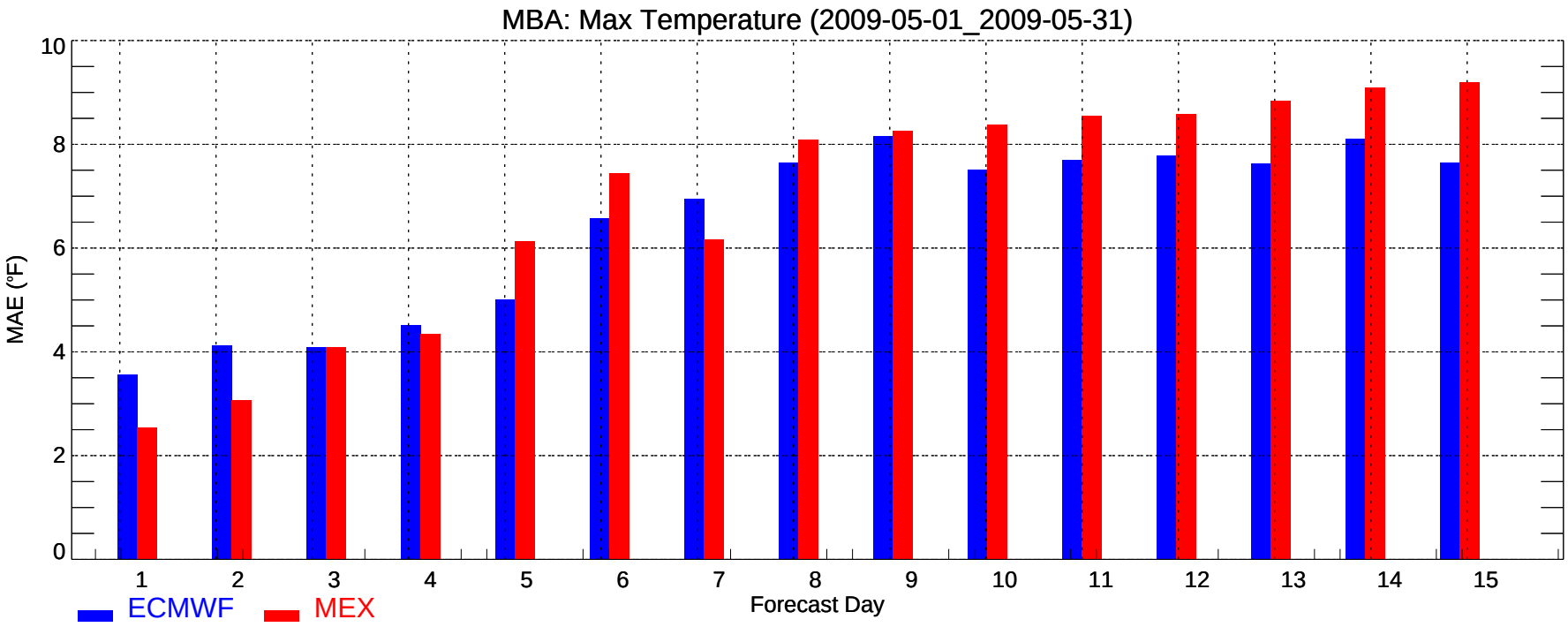
Forecast Day
ECMWF
MEX


MBA: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
10
8
6
4
2
0
1
2
3
4
5
6
7
8
9
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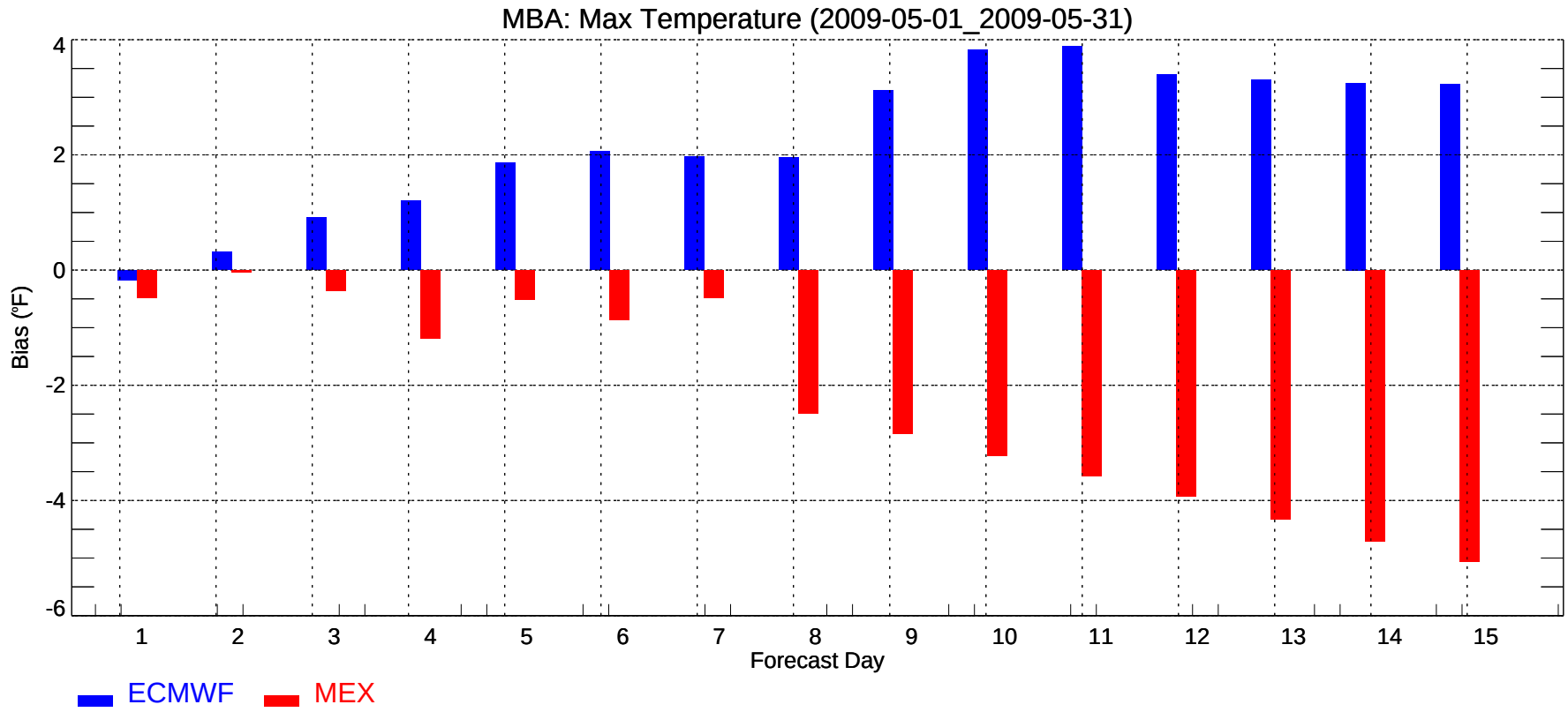
11
12
13
14
15
Forecast Day
ECMWF
MEX


MBA: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
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14
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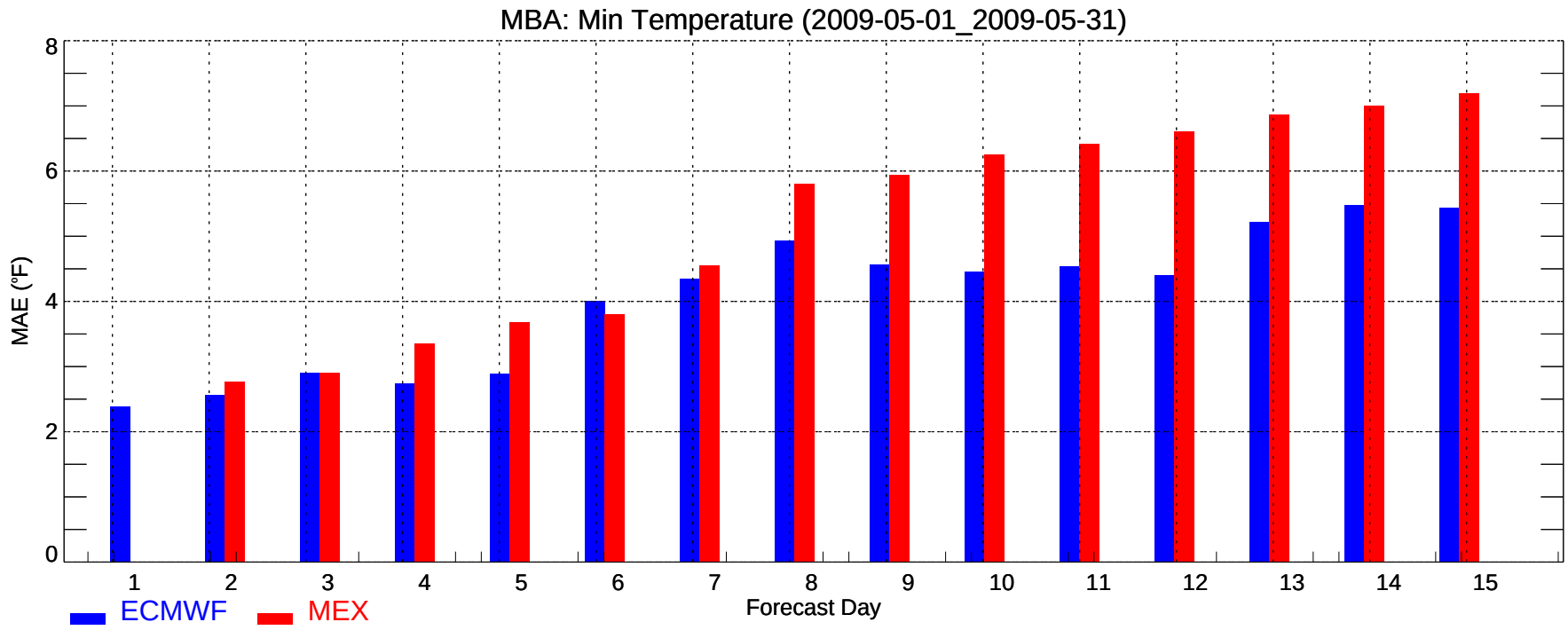
Forecast Day
ECMWF
MEX


MBA: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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2
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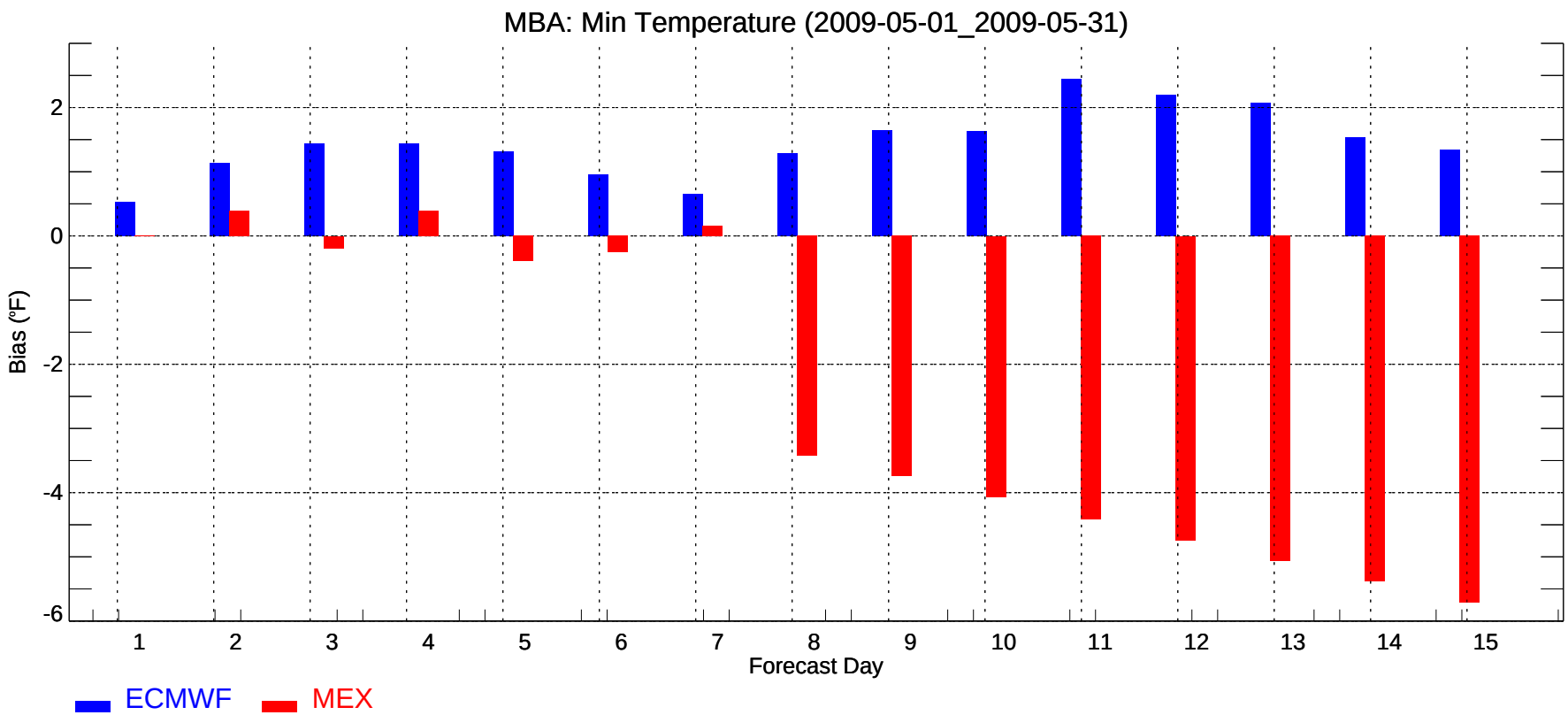
Forecast Day
ECMWF
MEX


MBA: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-2
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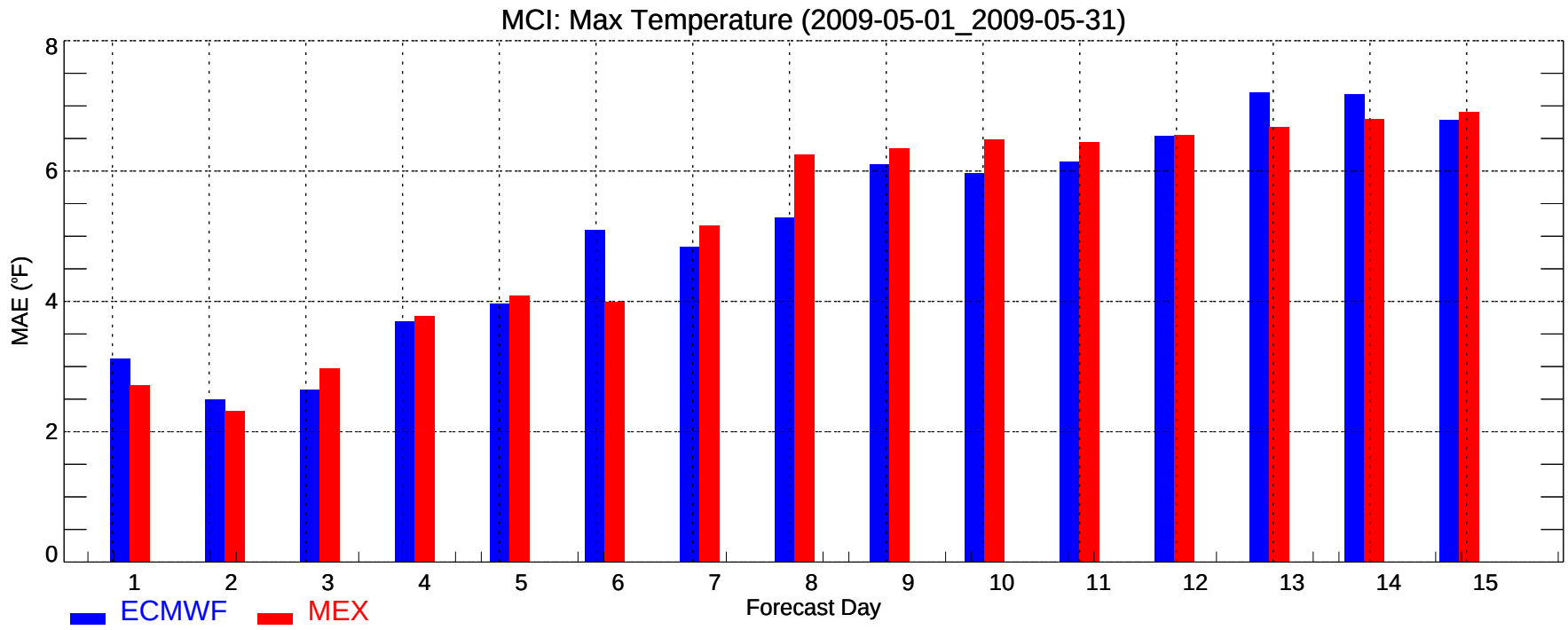
Forecast Day
ECMWF
MEX


MCI: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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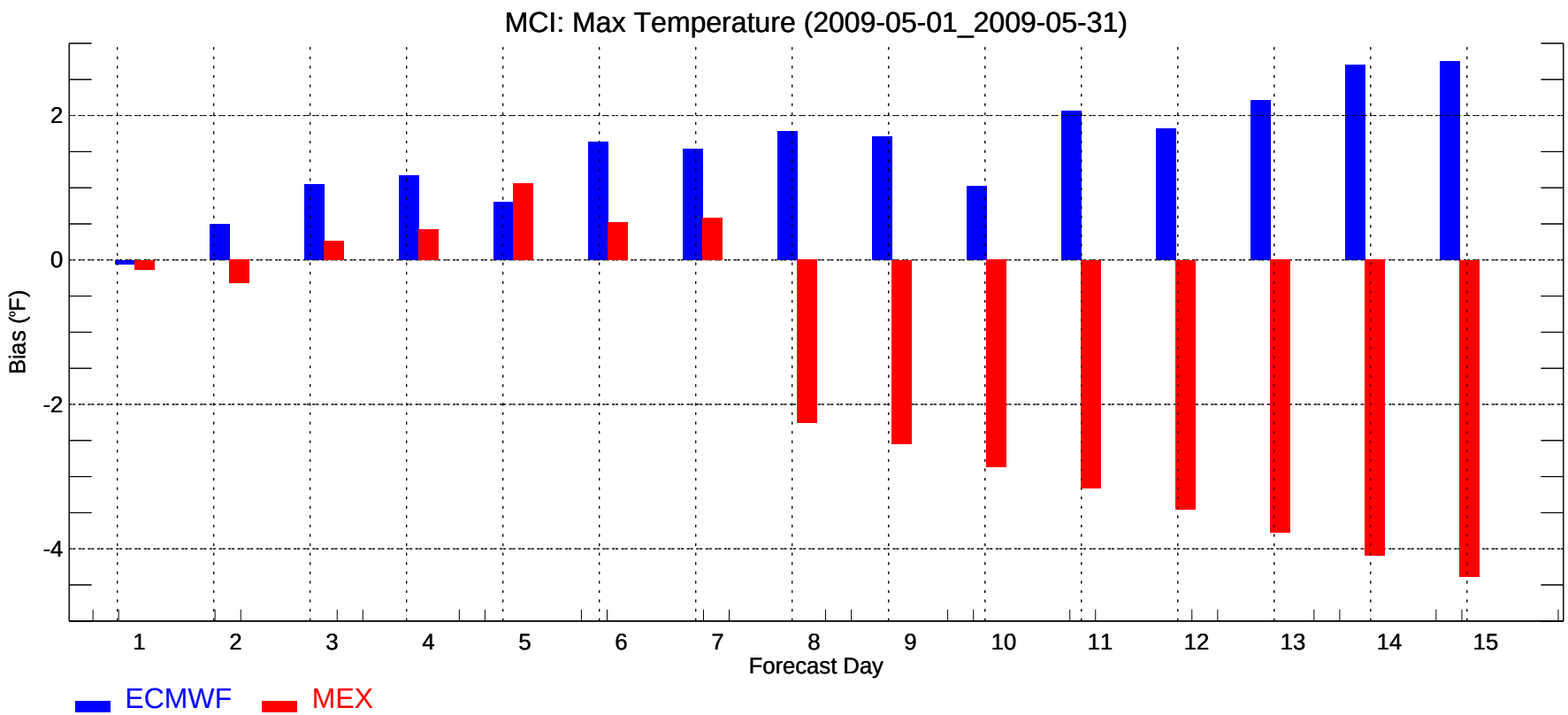
Forecast Day
ECMWF
MEX


MCI: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
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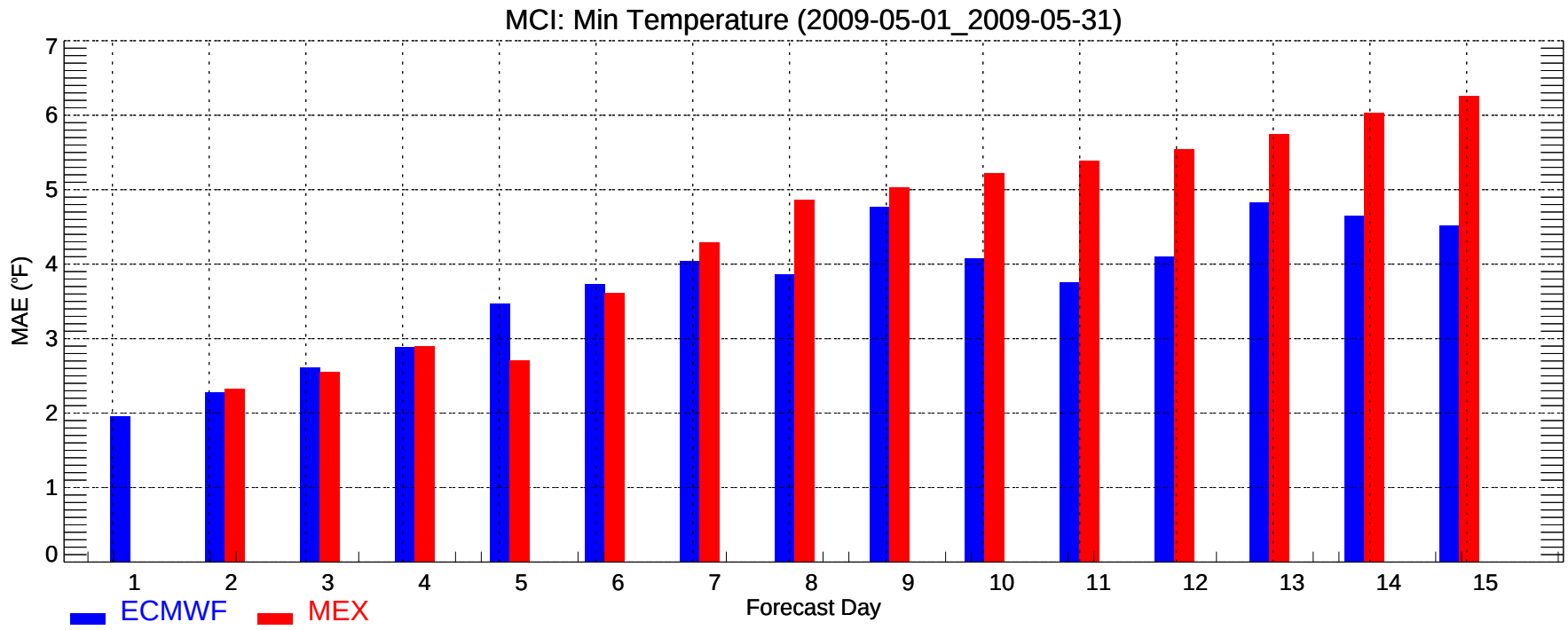
Forecast Day
ECMWF
MEX


MCI: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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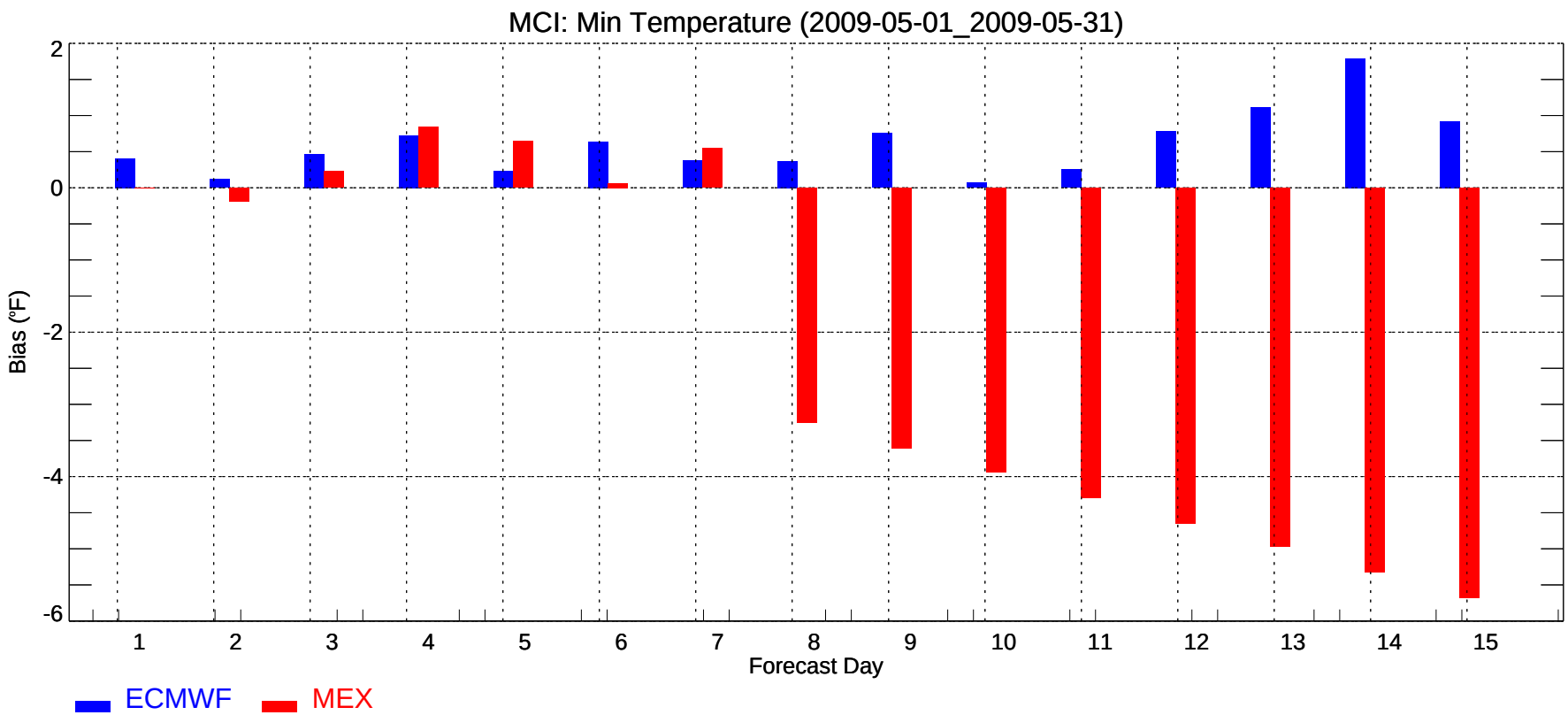
Forecast Day
ECMWF
MEX


MCI: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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-2
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-6
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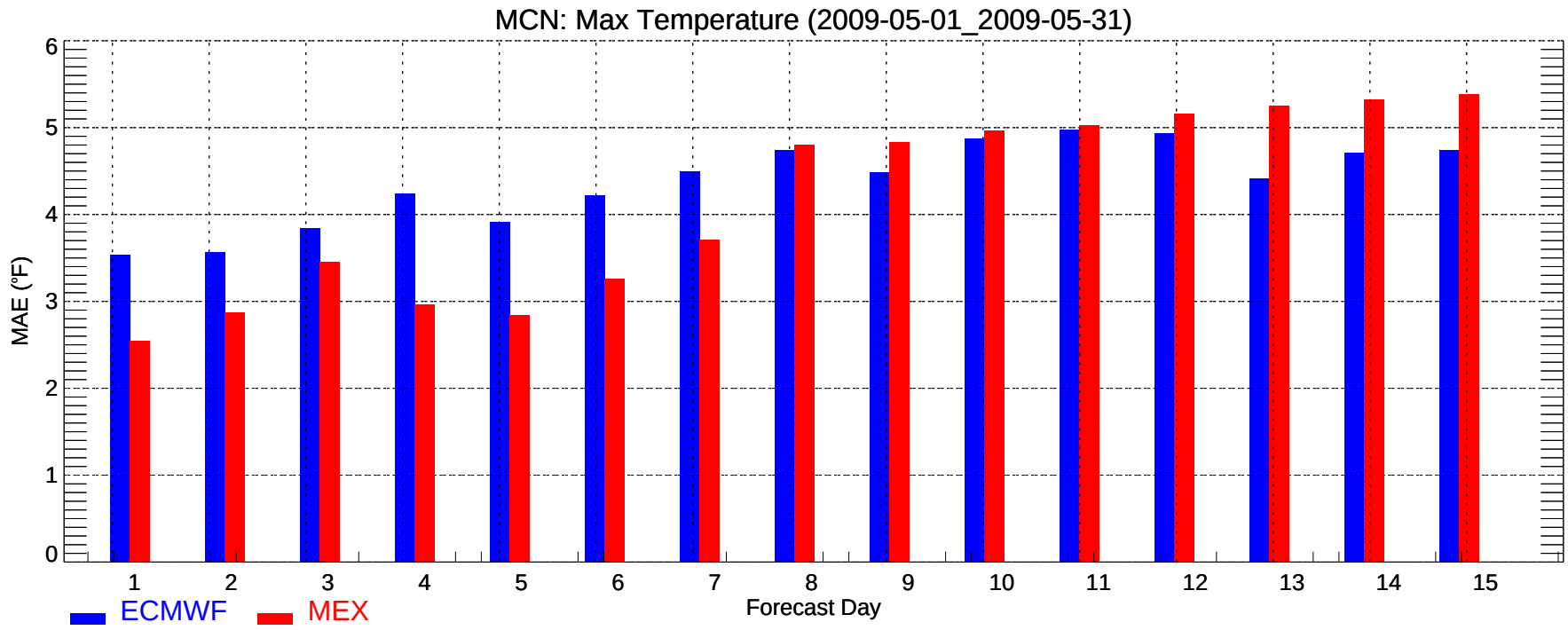
Forecast Day
ECMWF
MEX


MCN: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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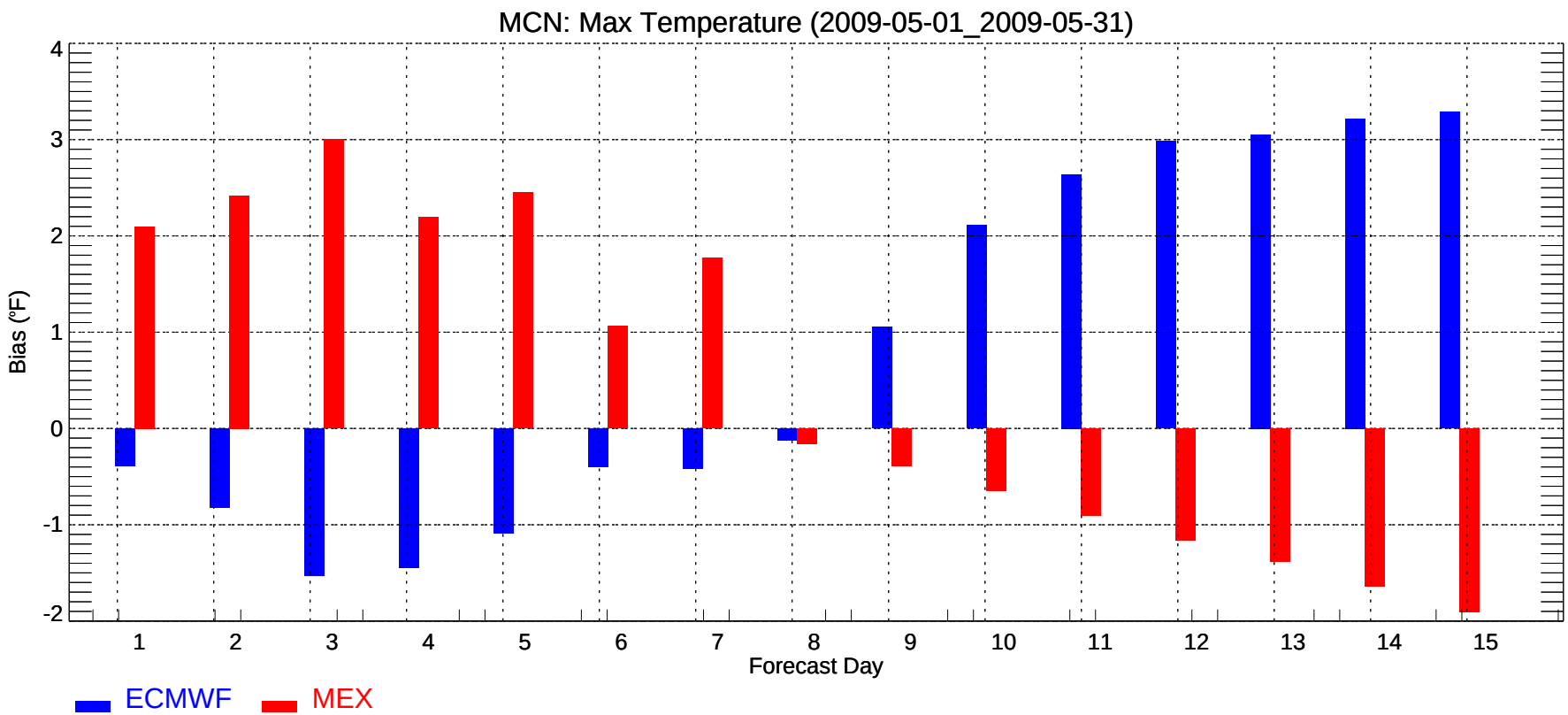
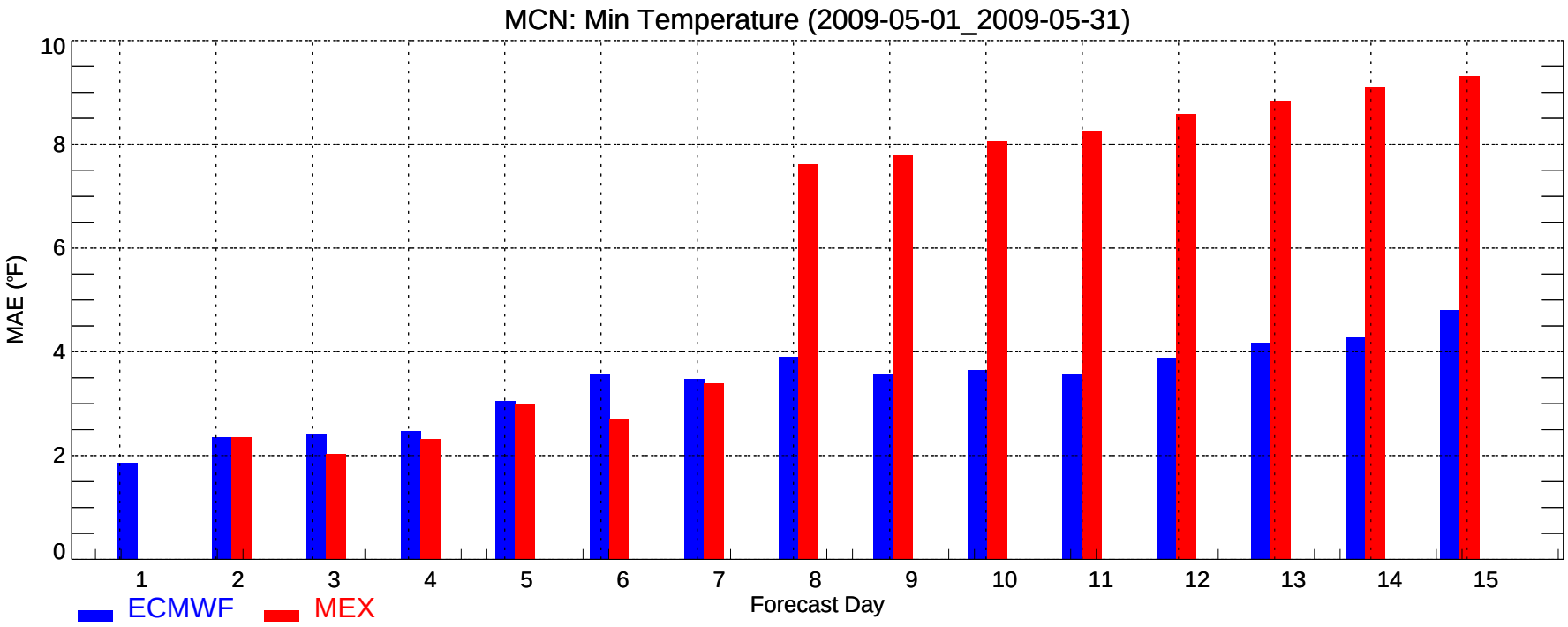
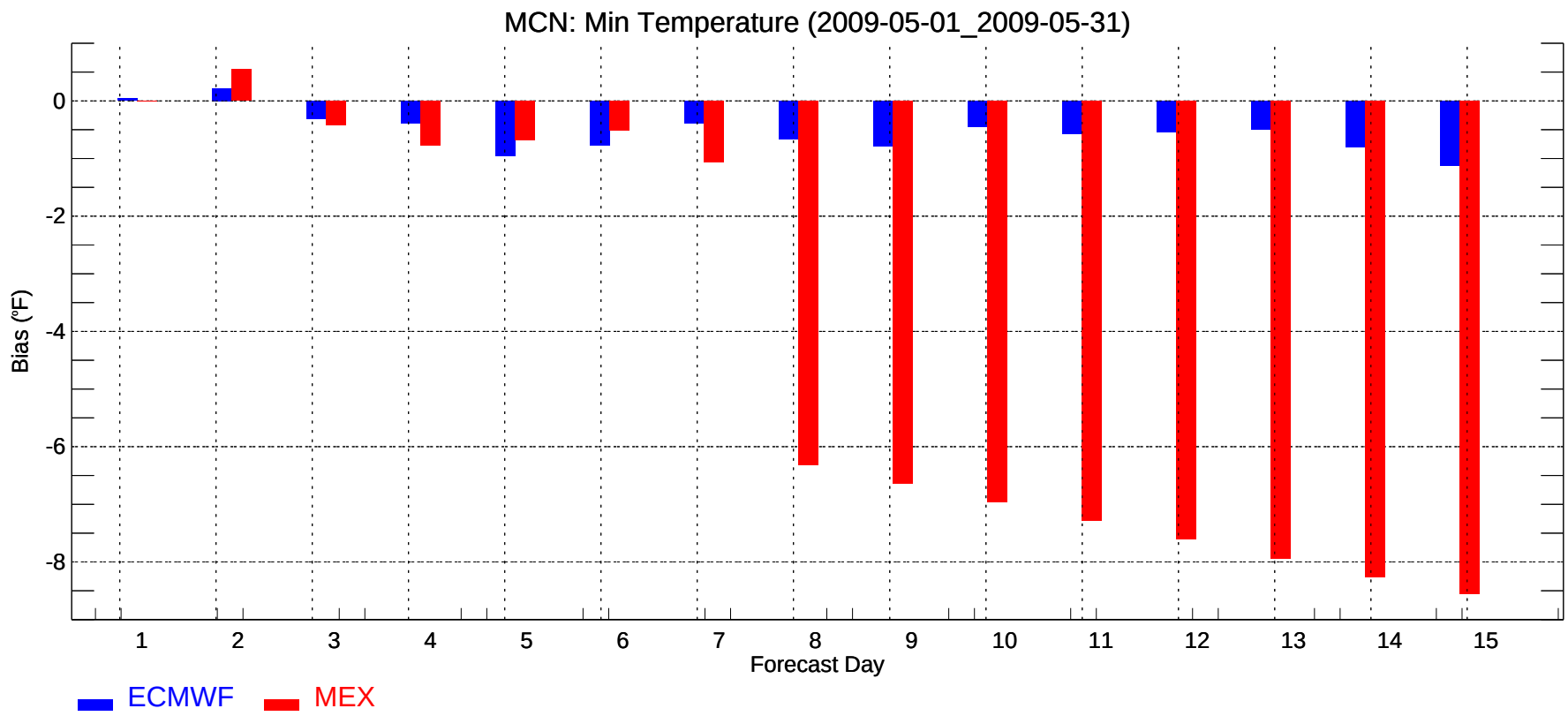
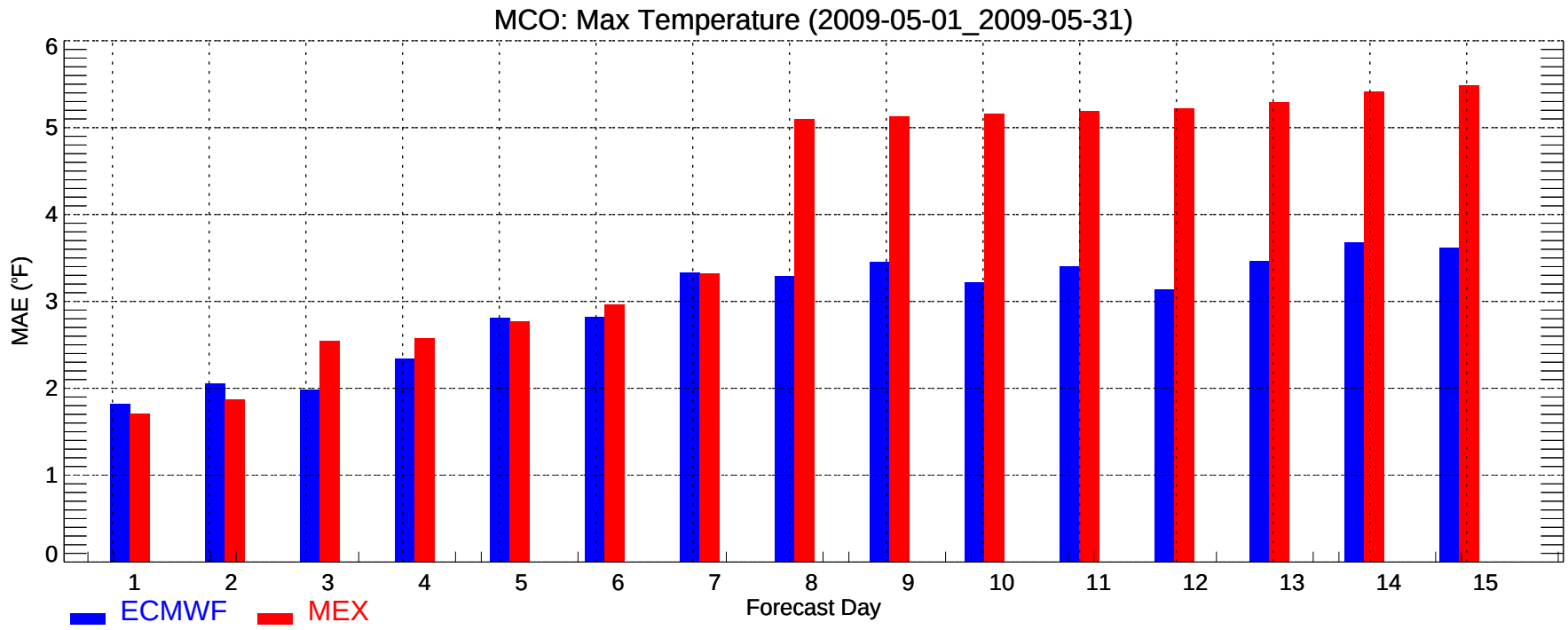
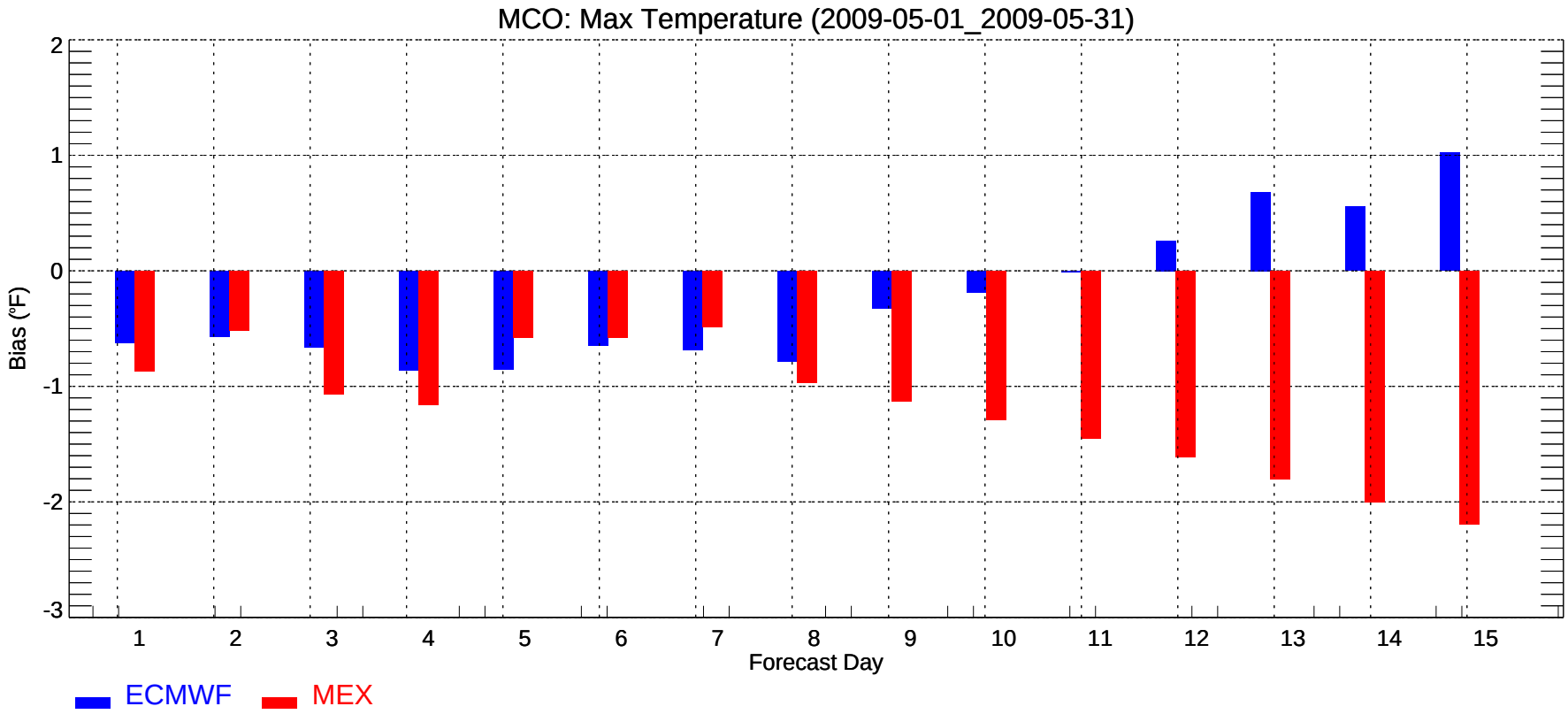
15
Forecast Day
ECMWF
MEX

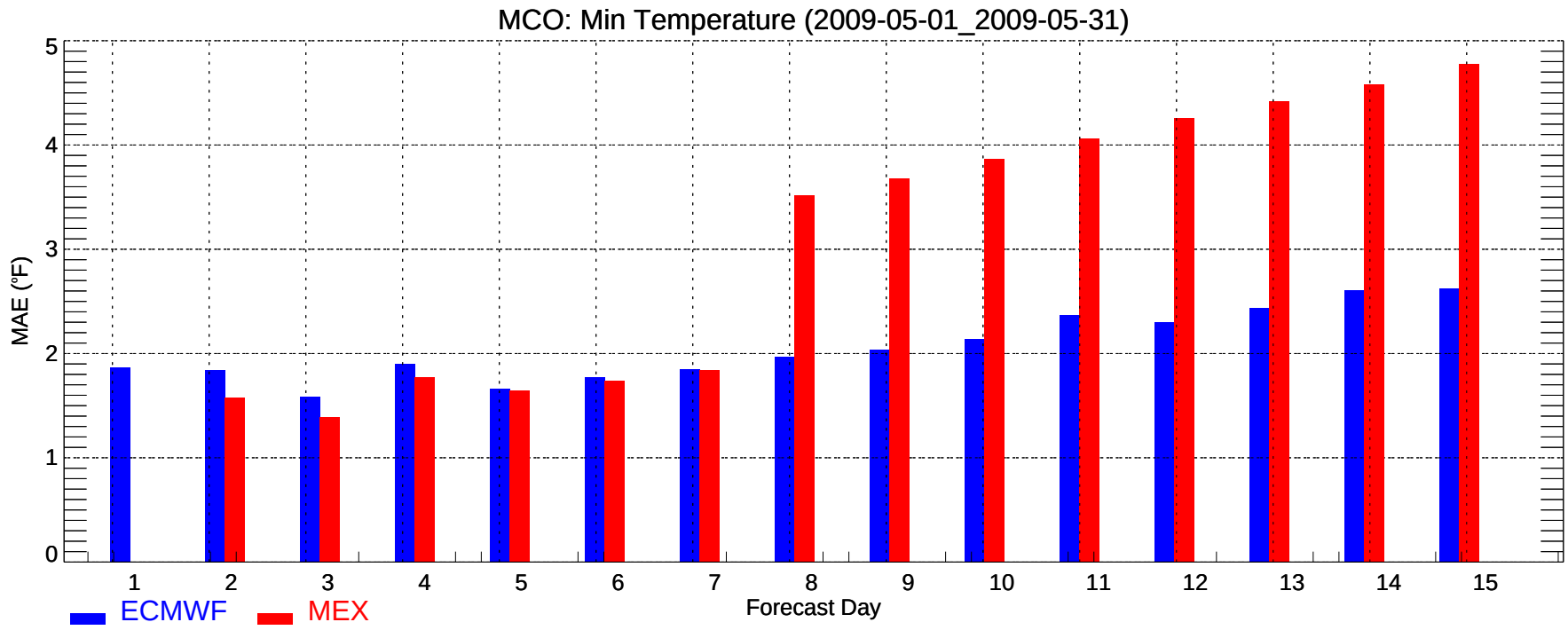

MCN: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

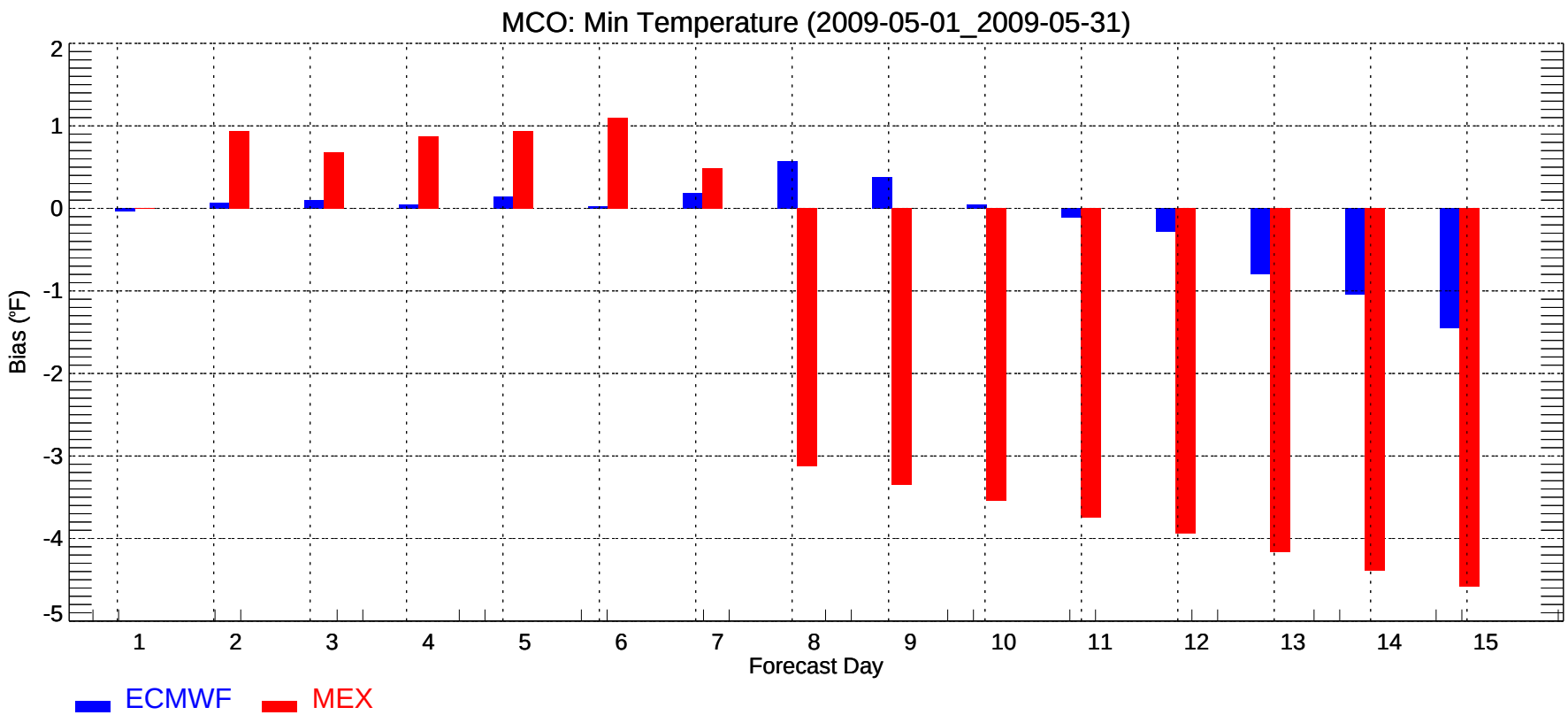

MCN: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

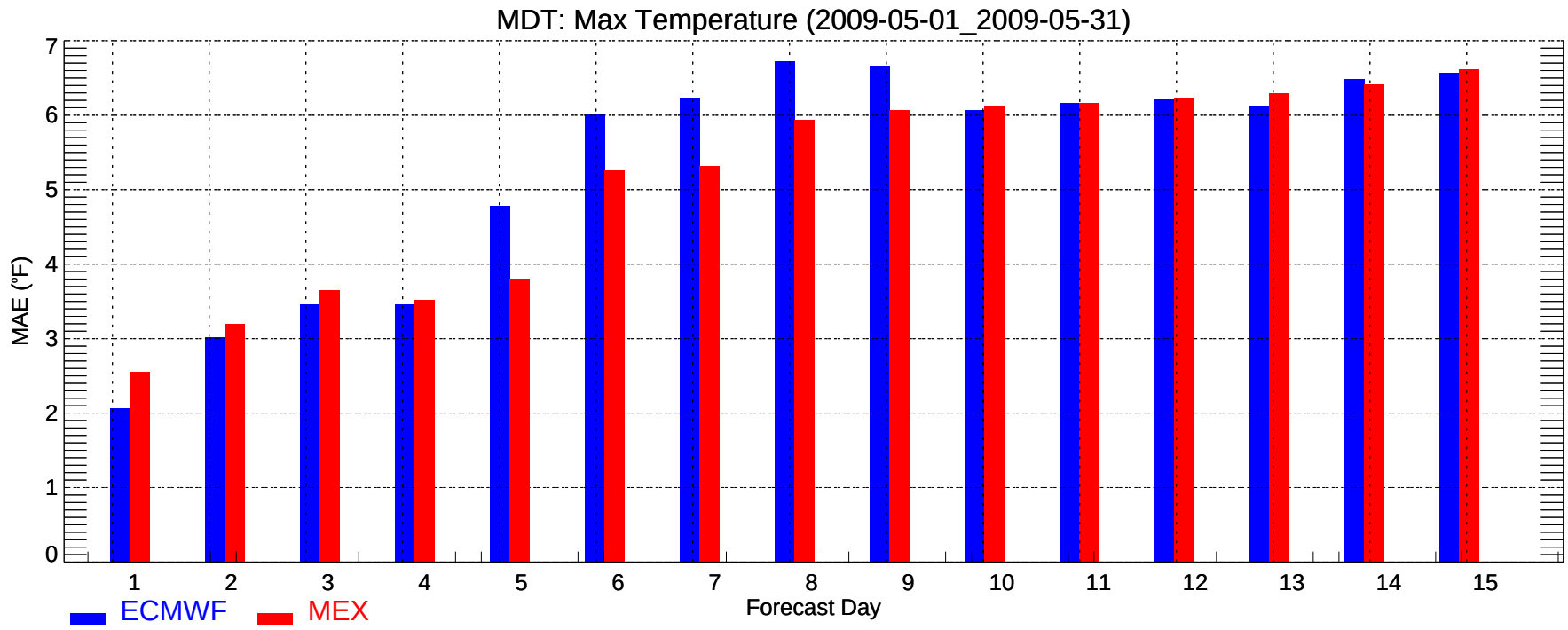

MCN: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

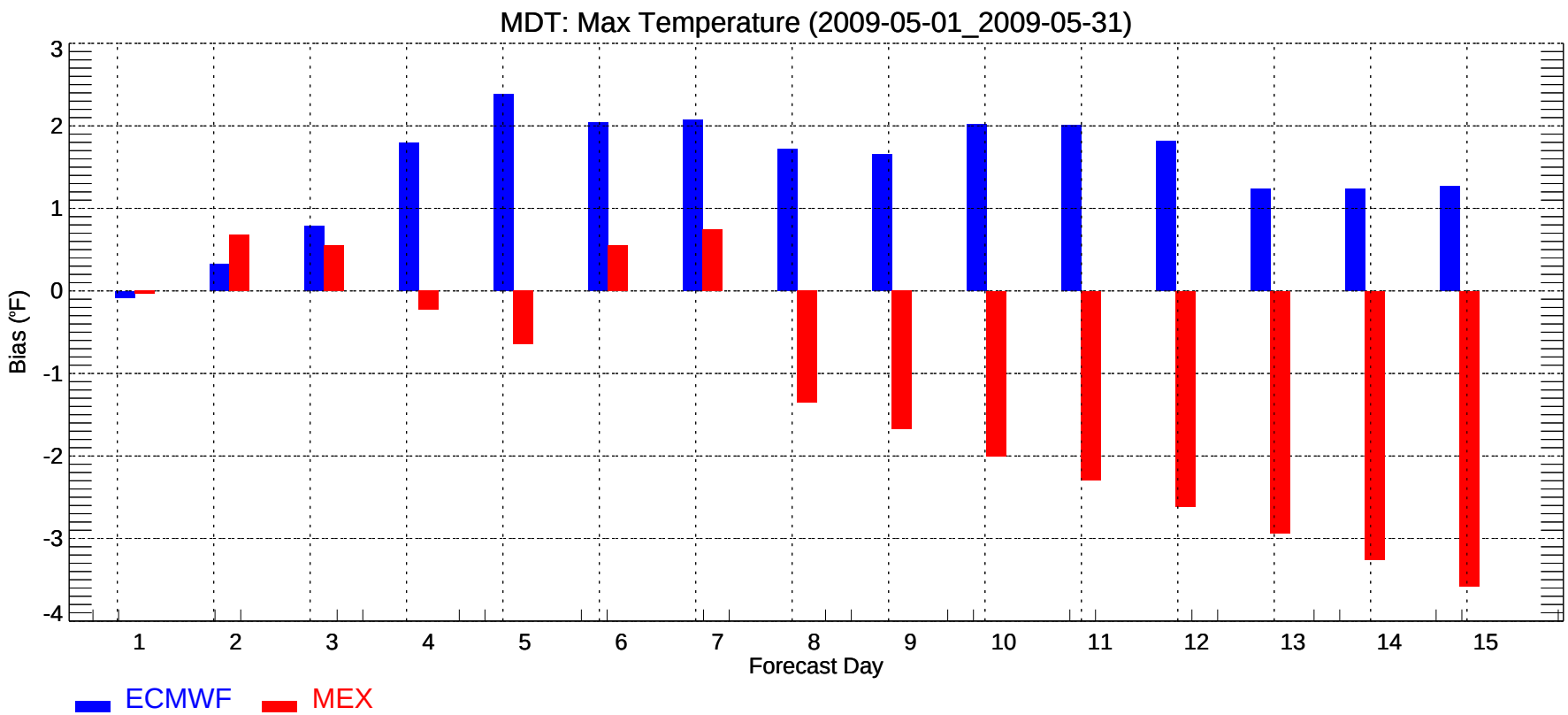

MCO: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

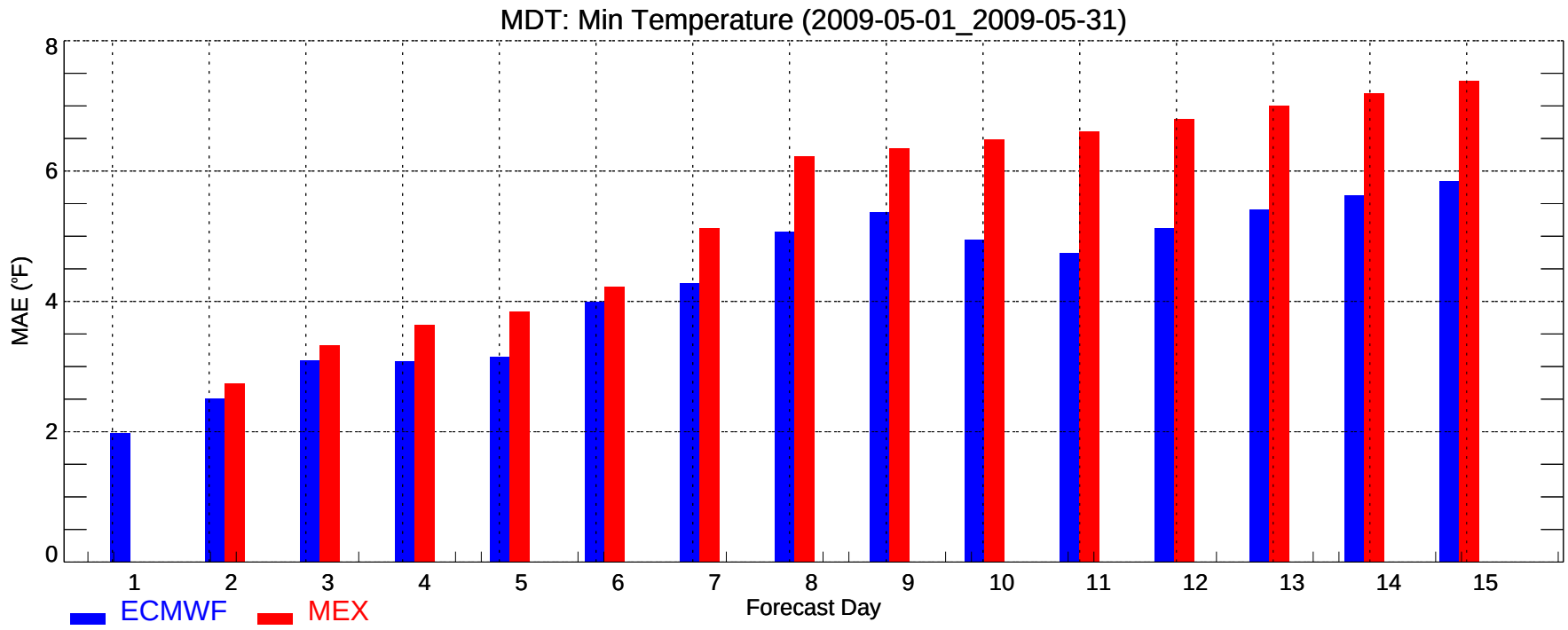

MCO: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

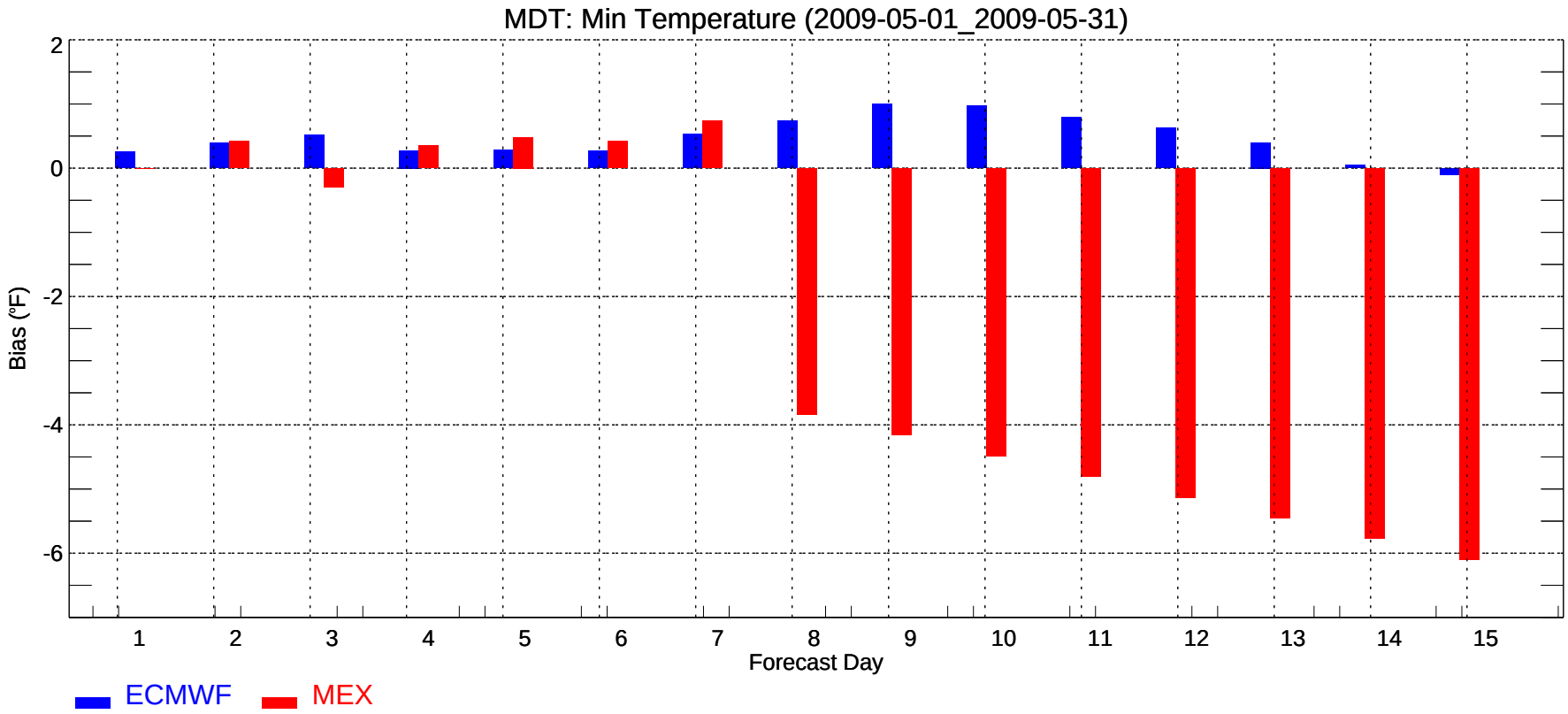

MCO: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

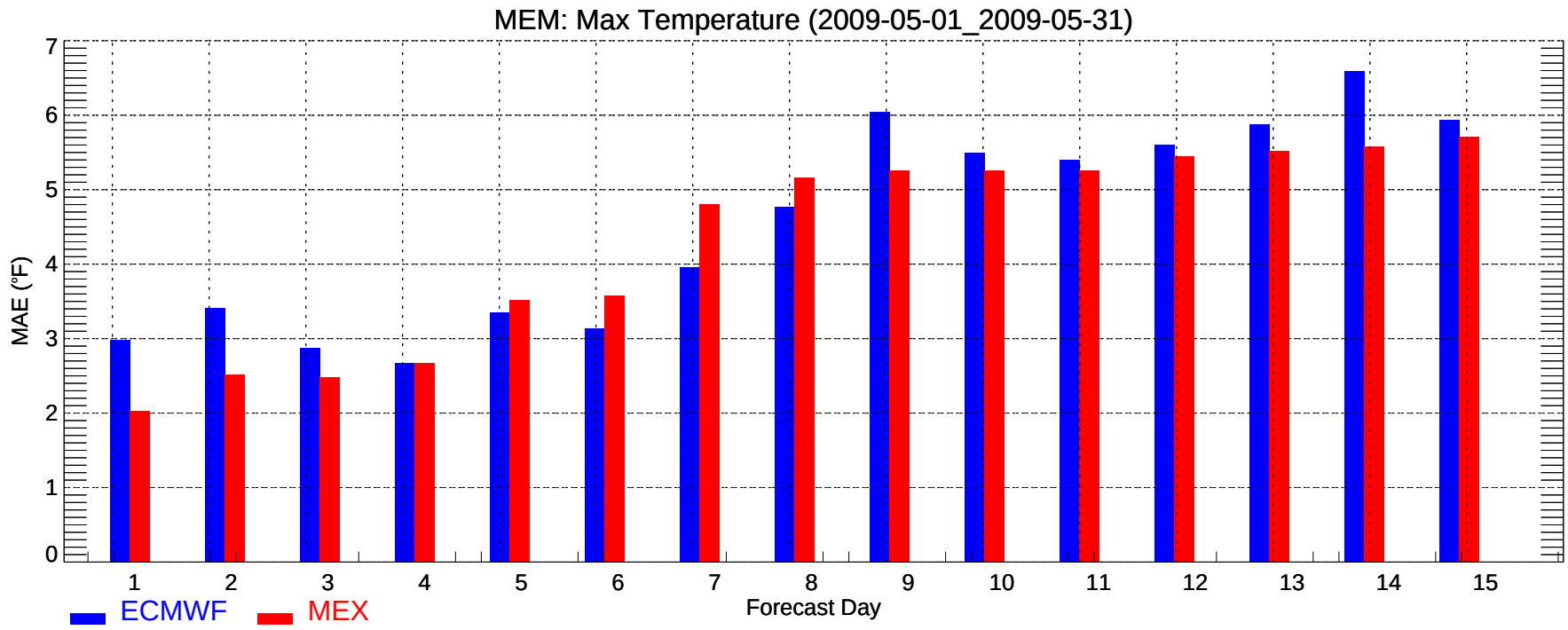

MCO: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

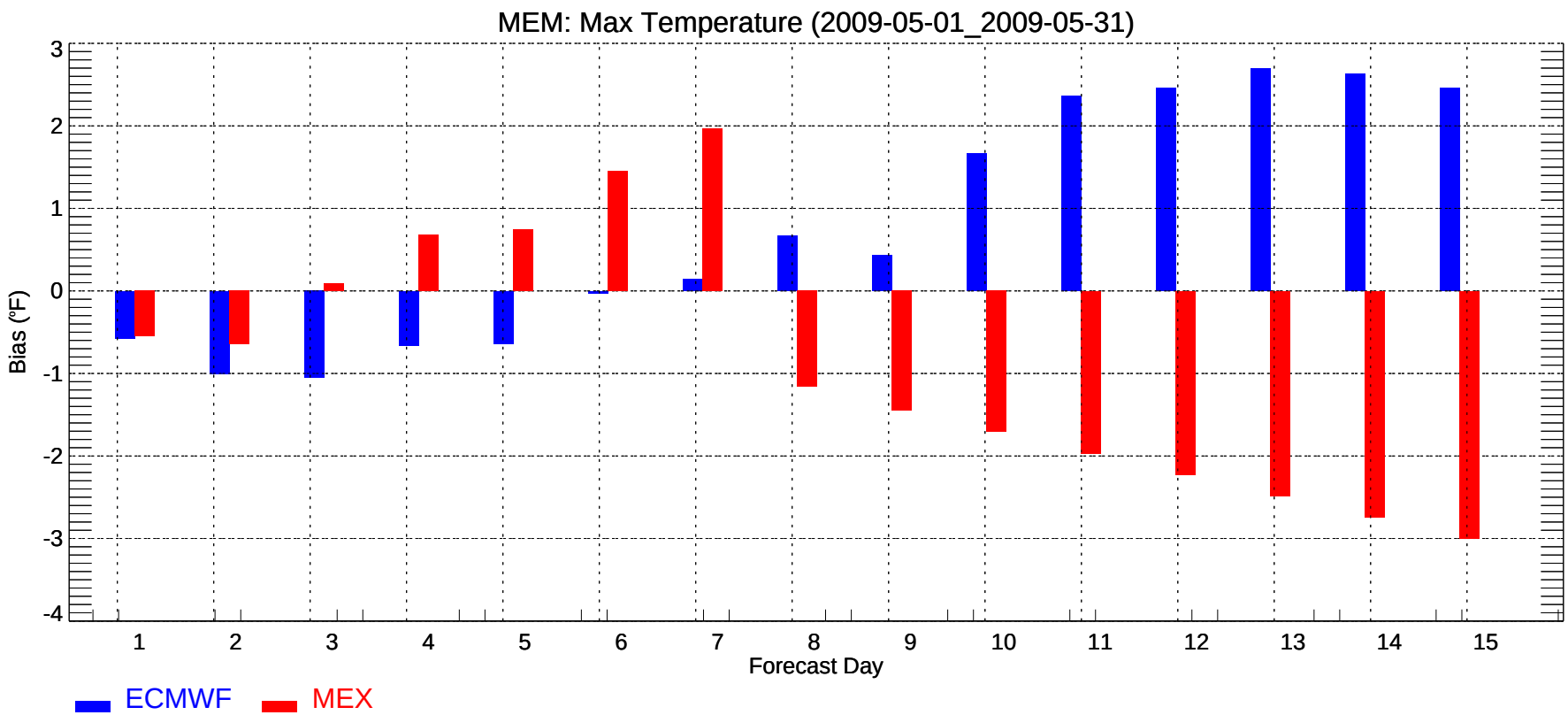

MDT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

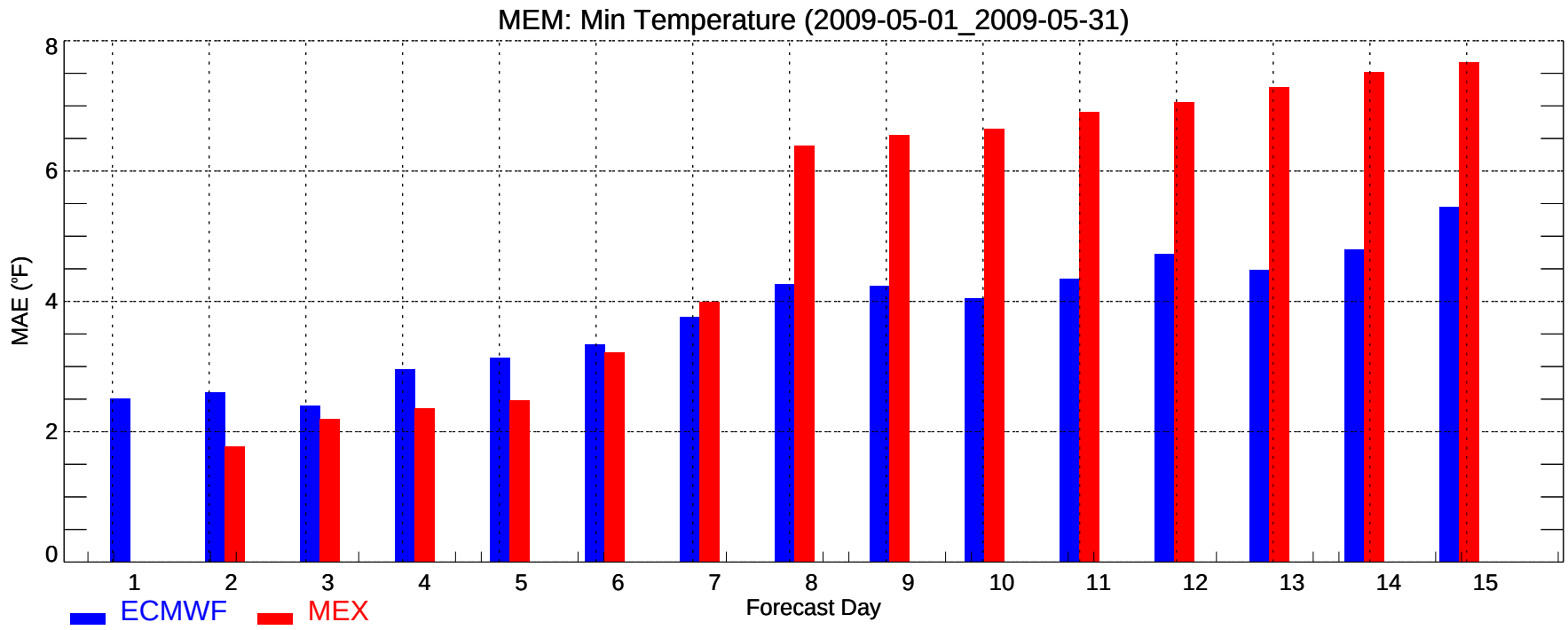

MDT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

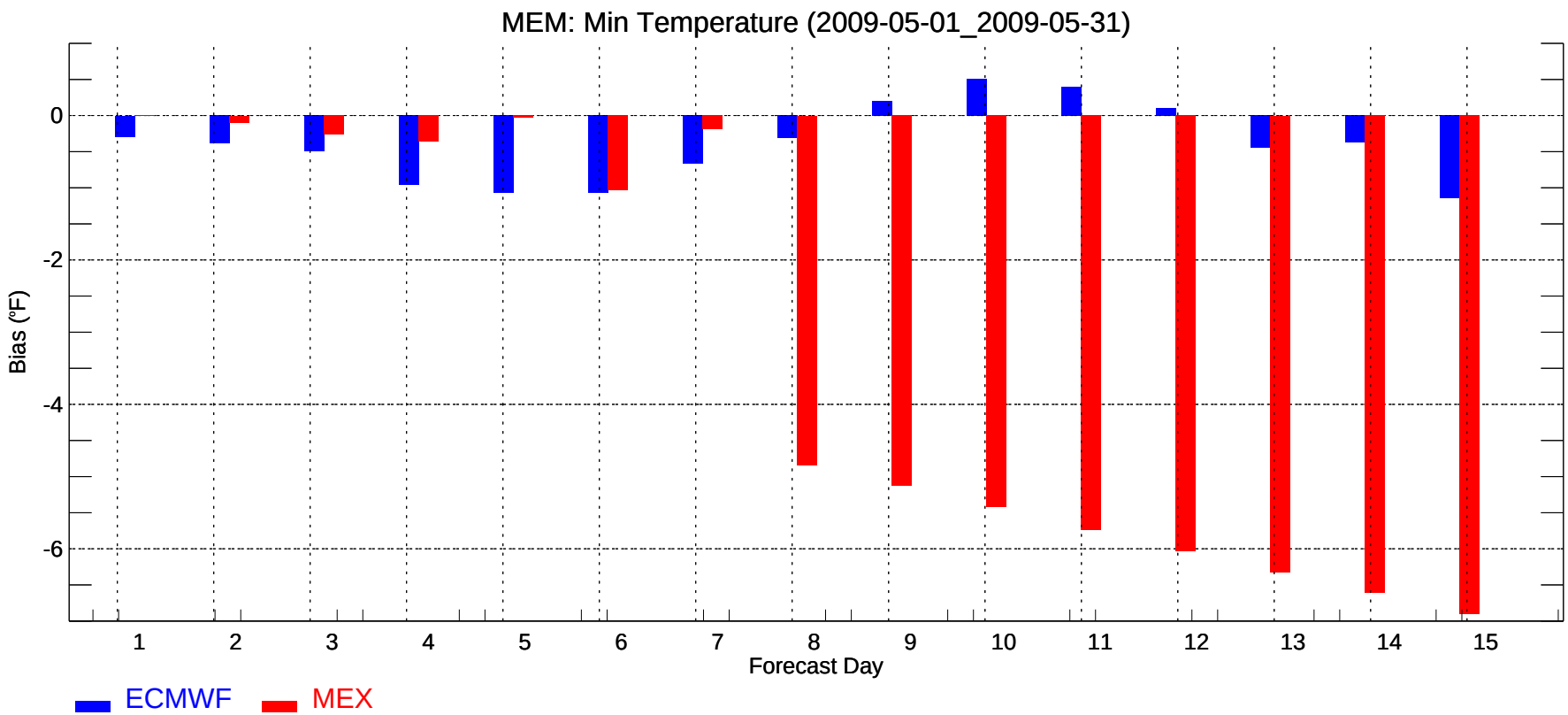

MDT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

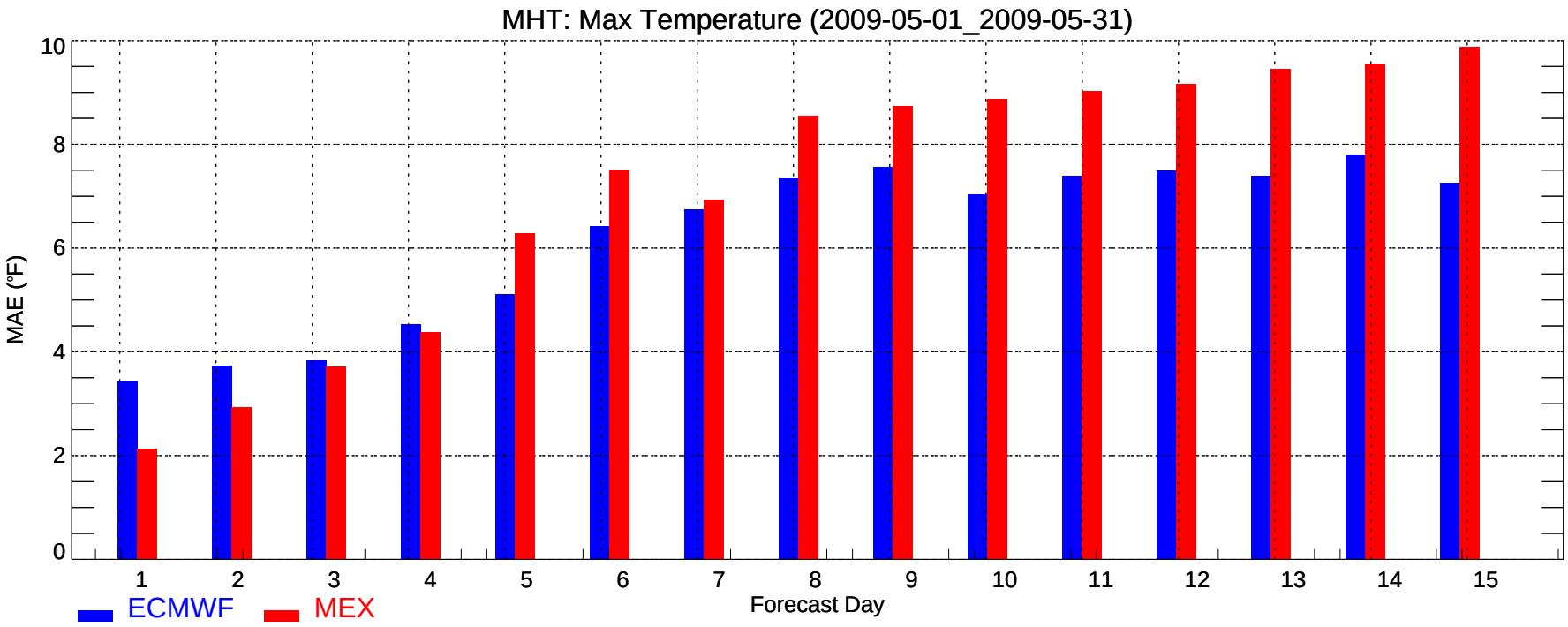

MDT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

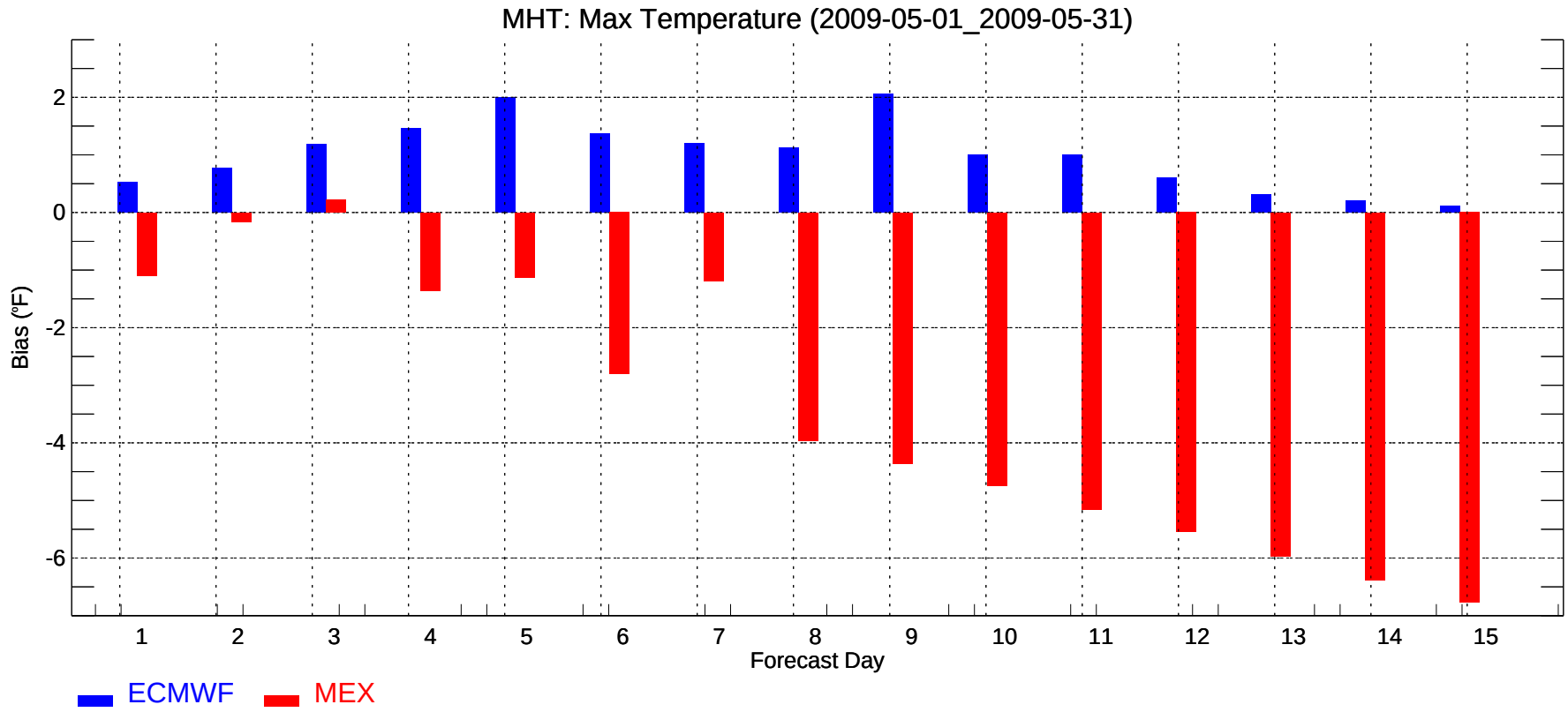

MEM: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

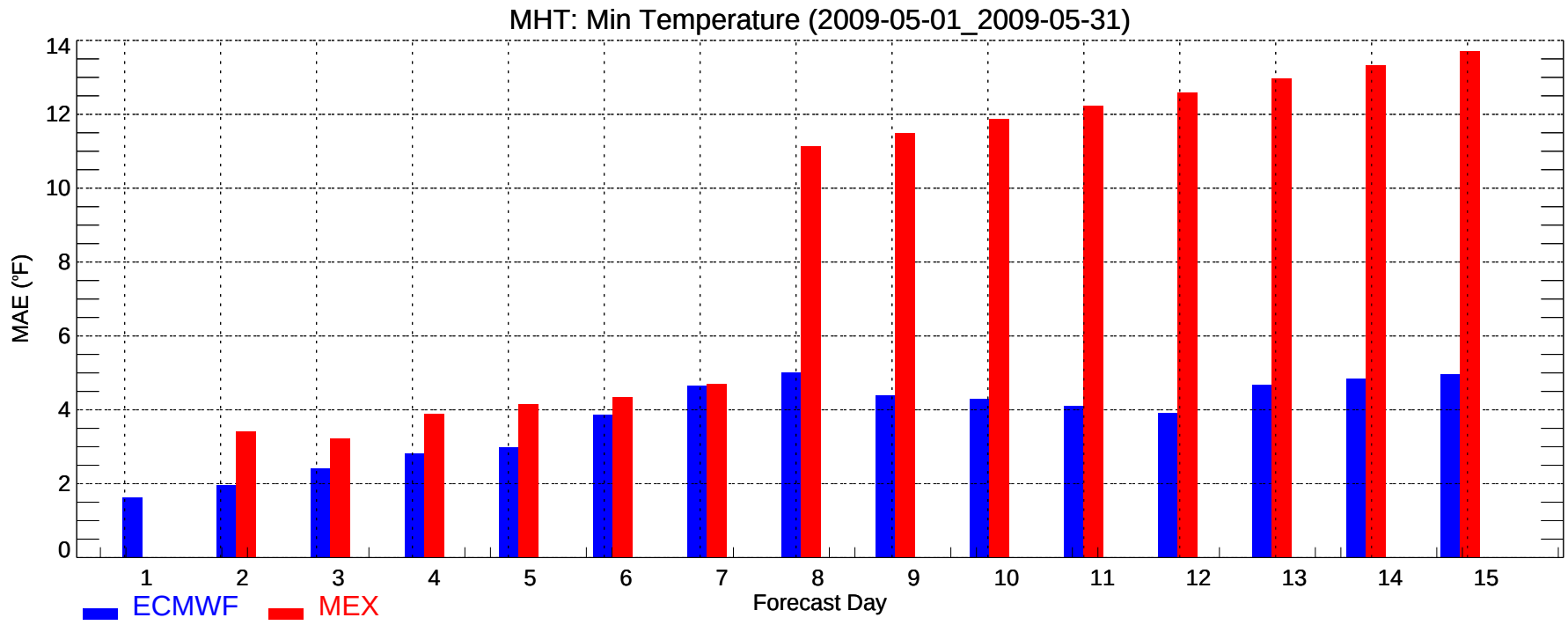

MEM: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

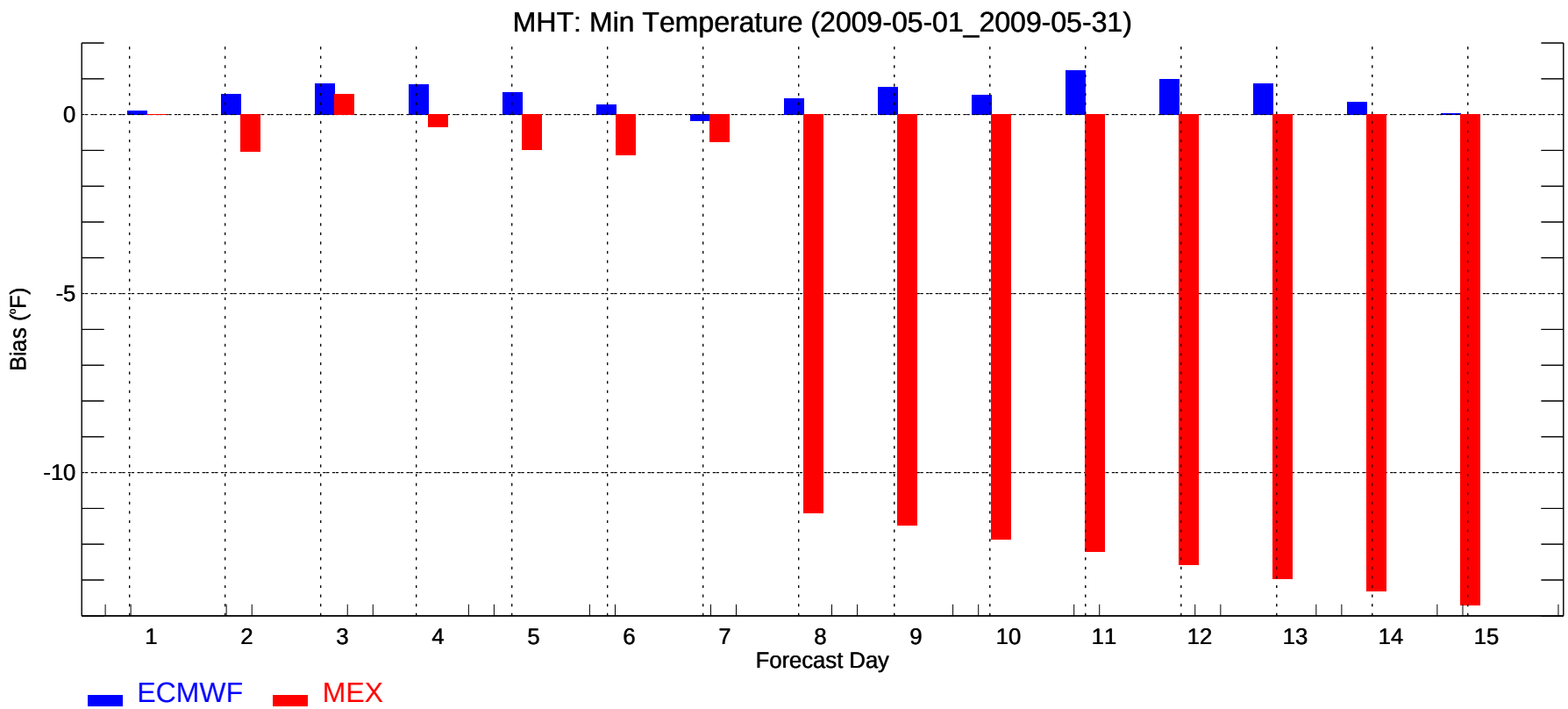

MEM: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

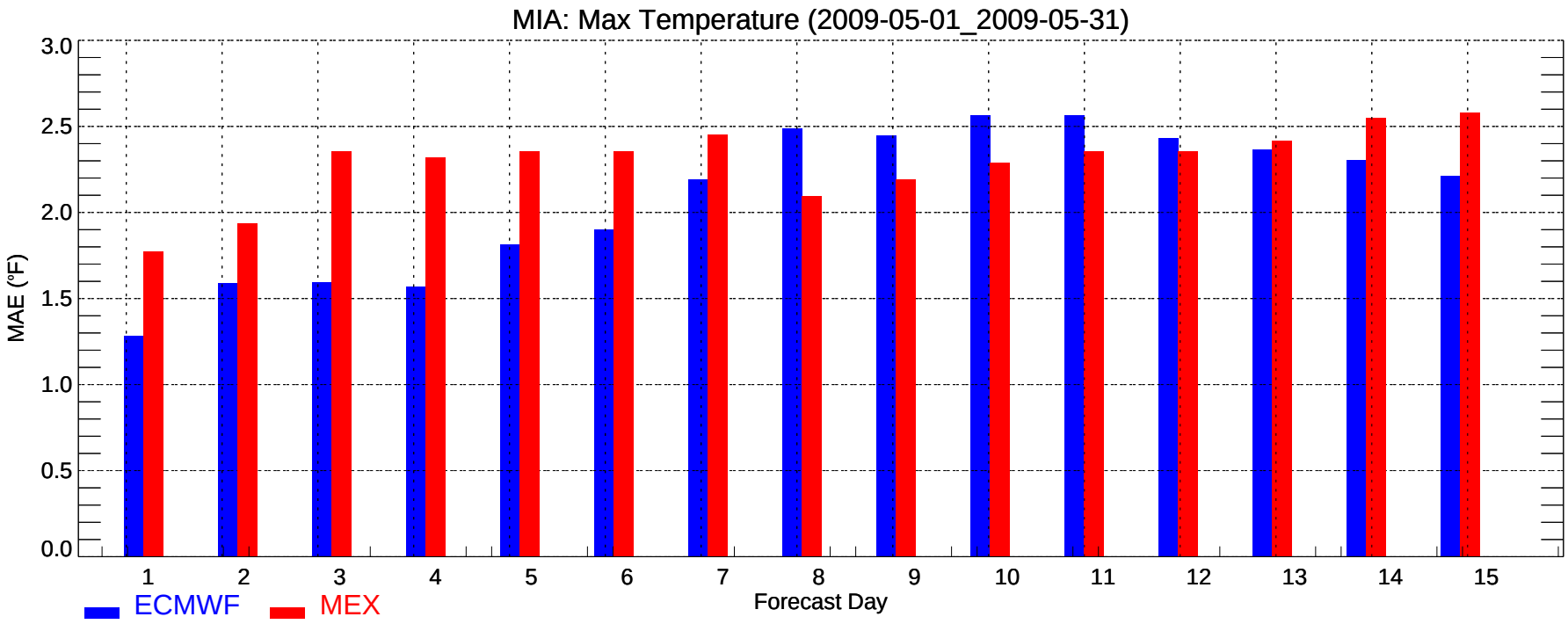

MEM: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

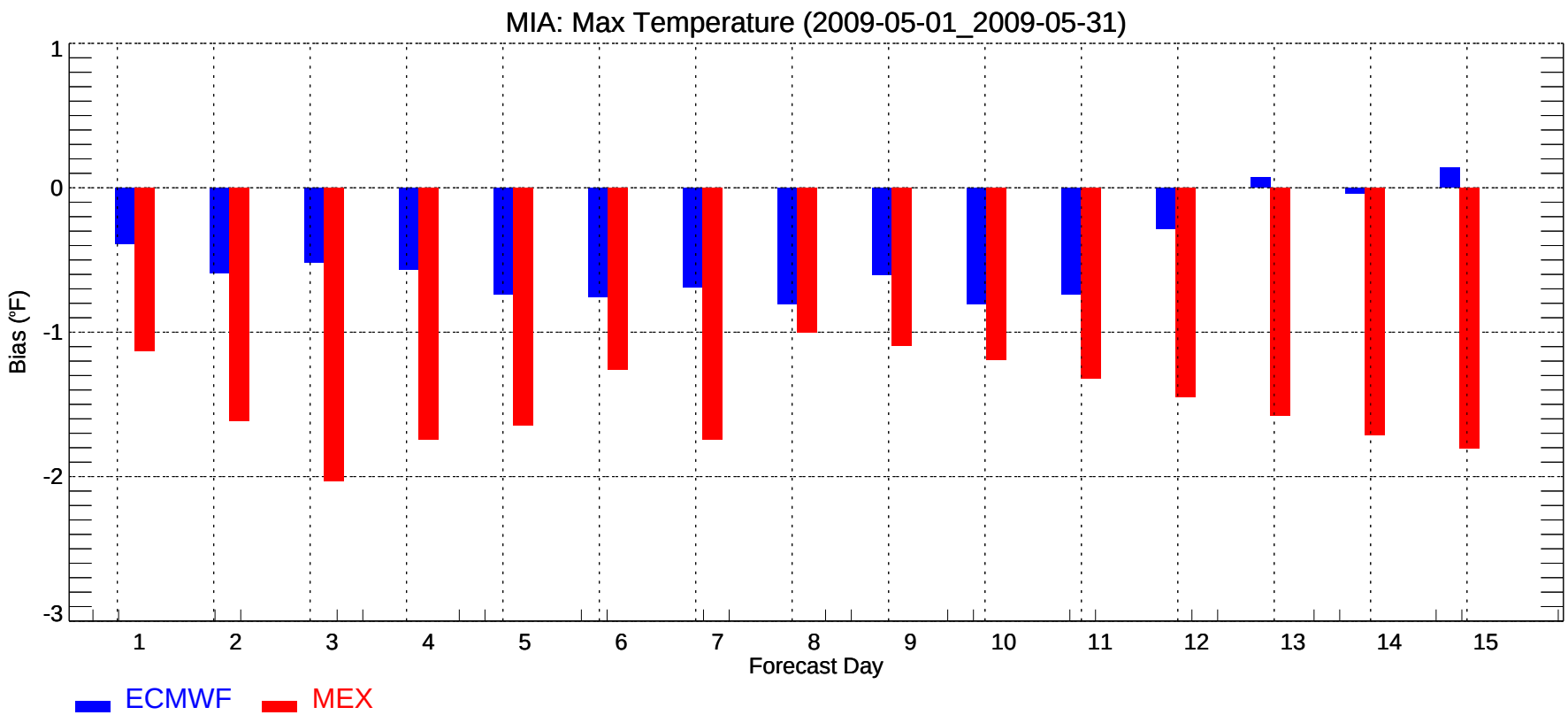

MHT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

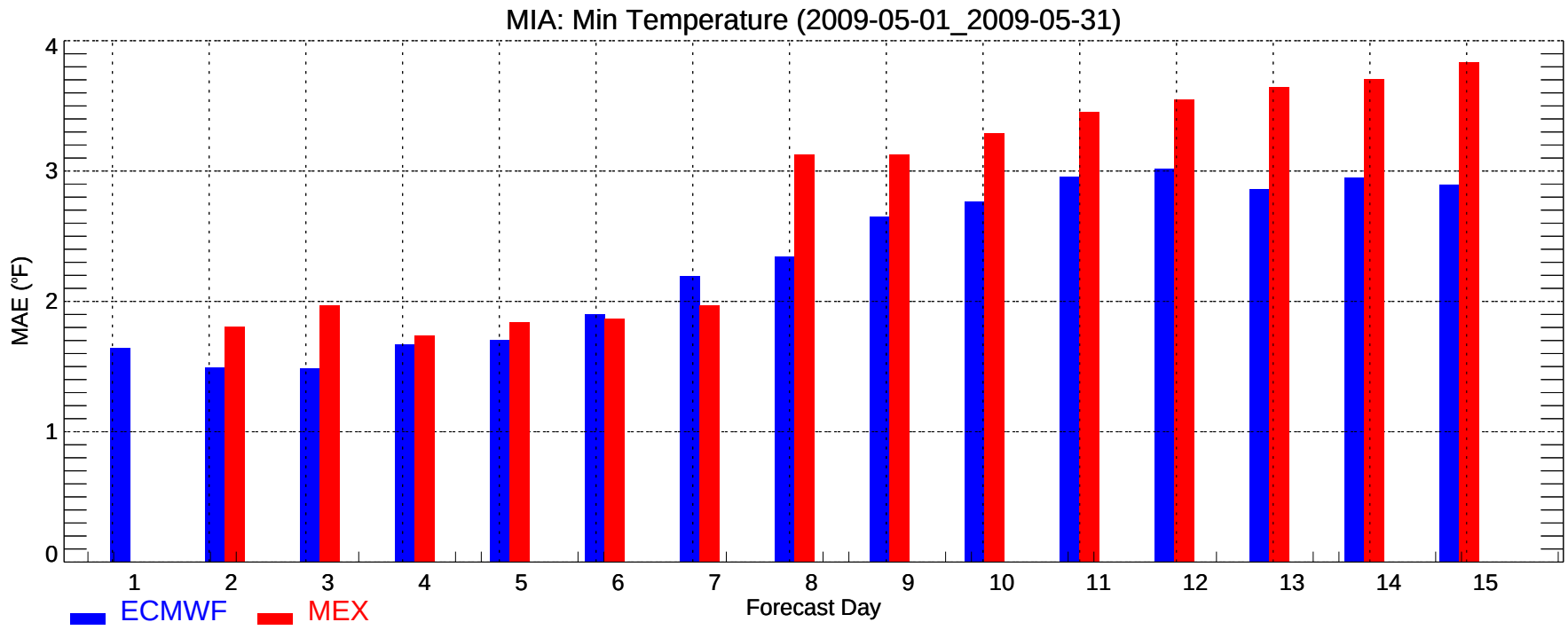

MHT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

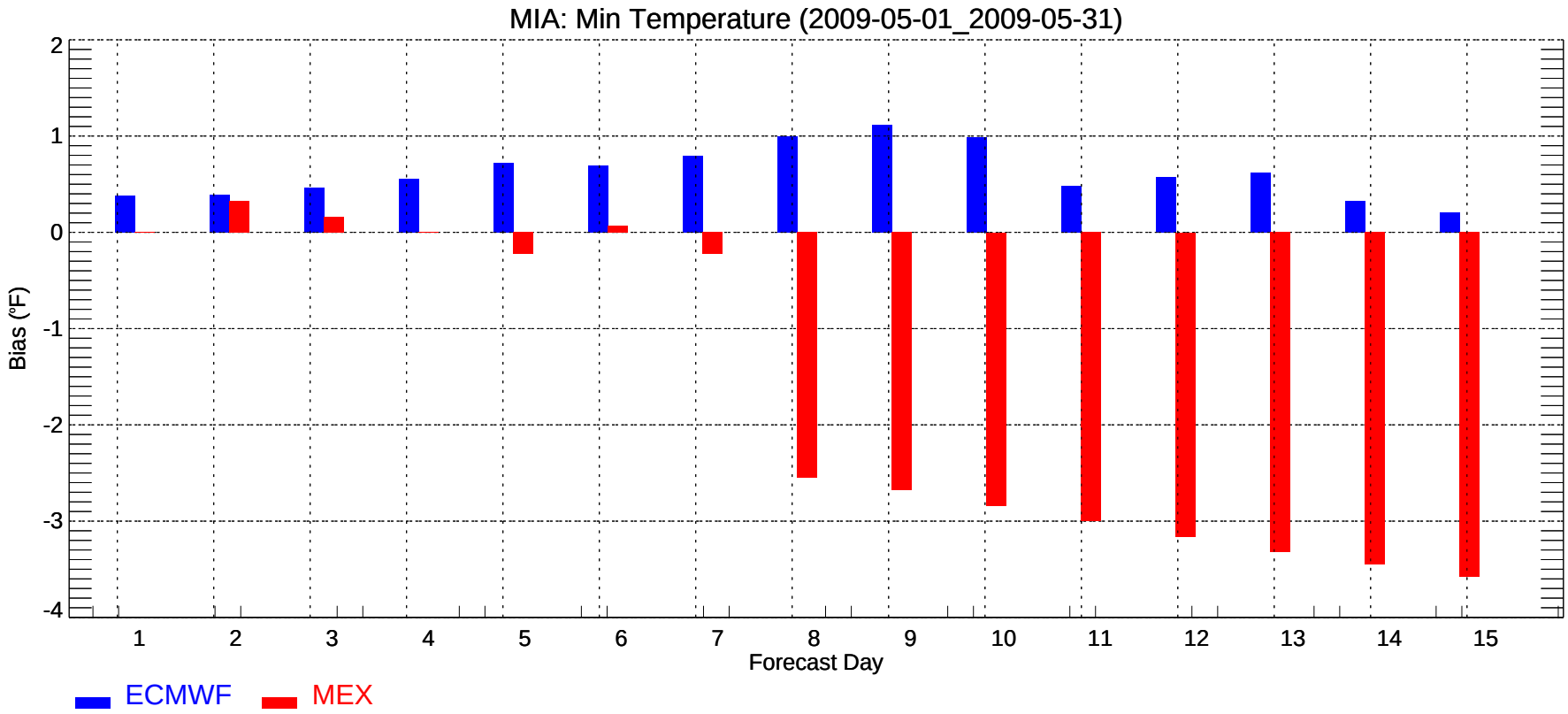

MHT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

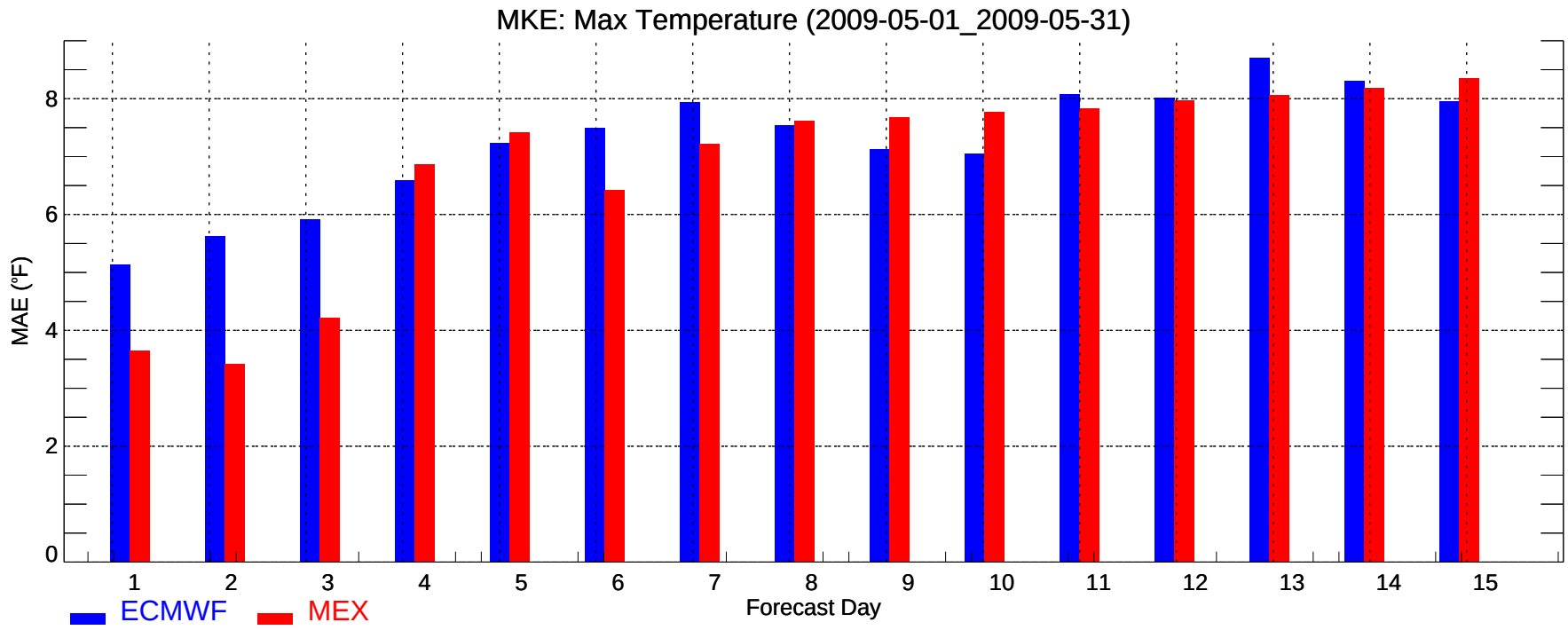

MHT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-5
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

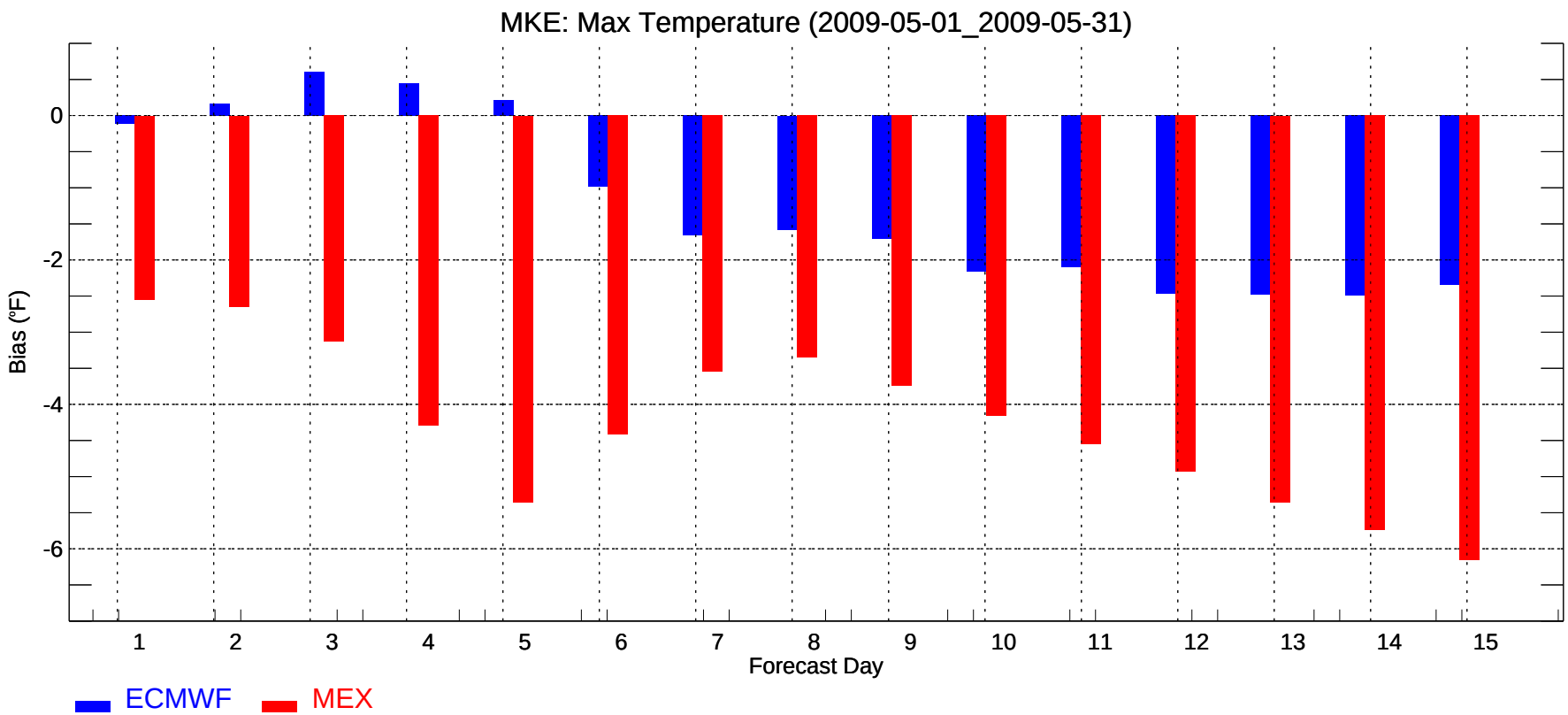

MIA: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX

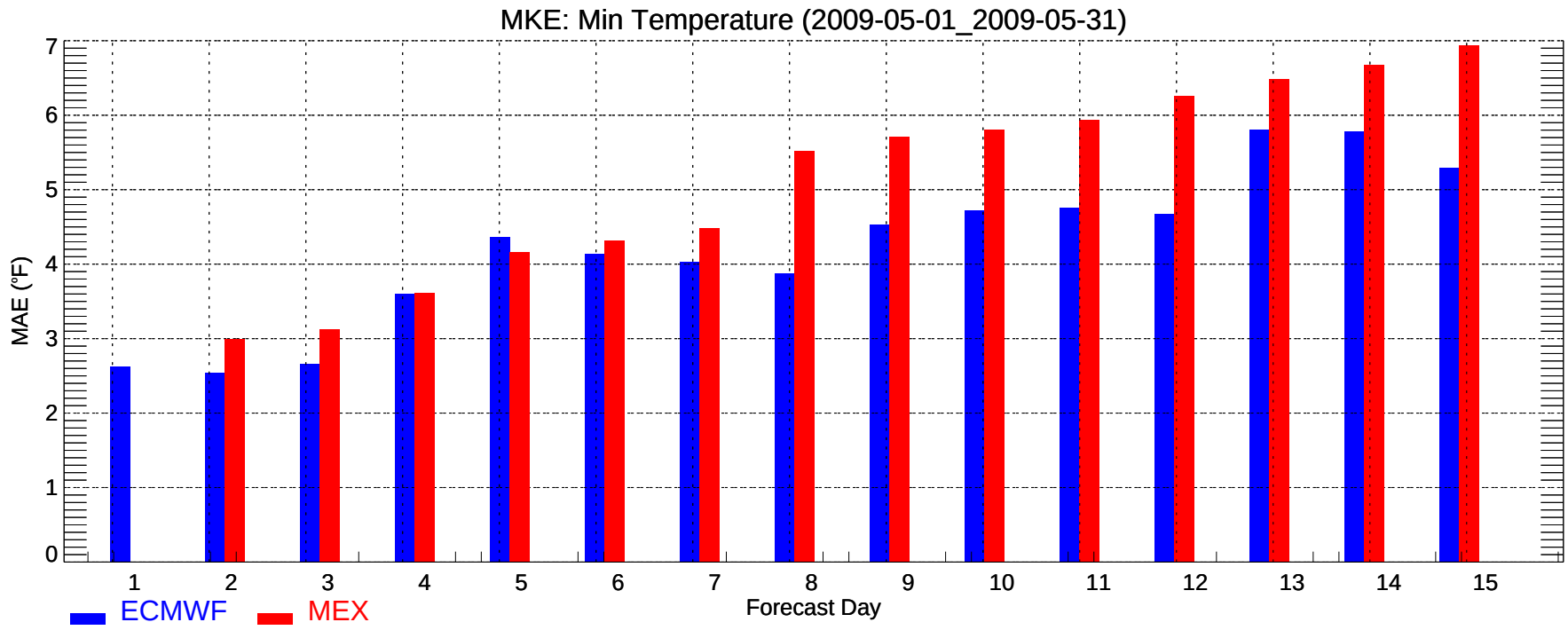

MIA: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX

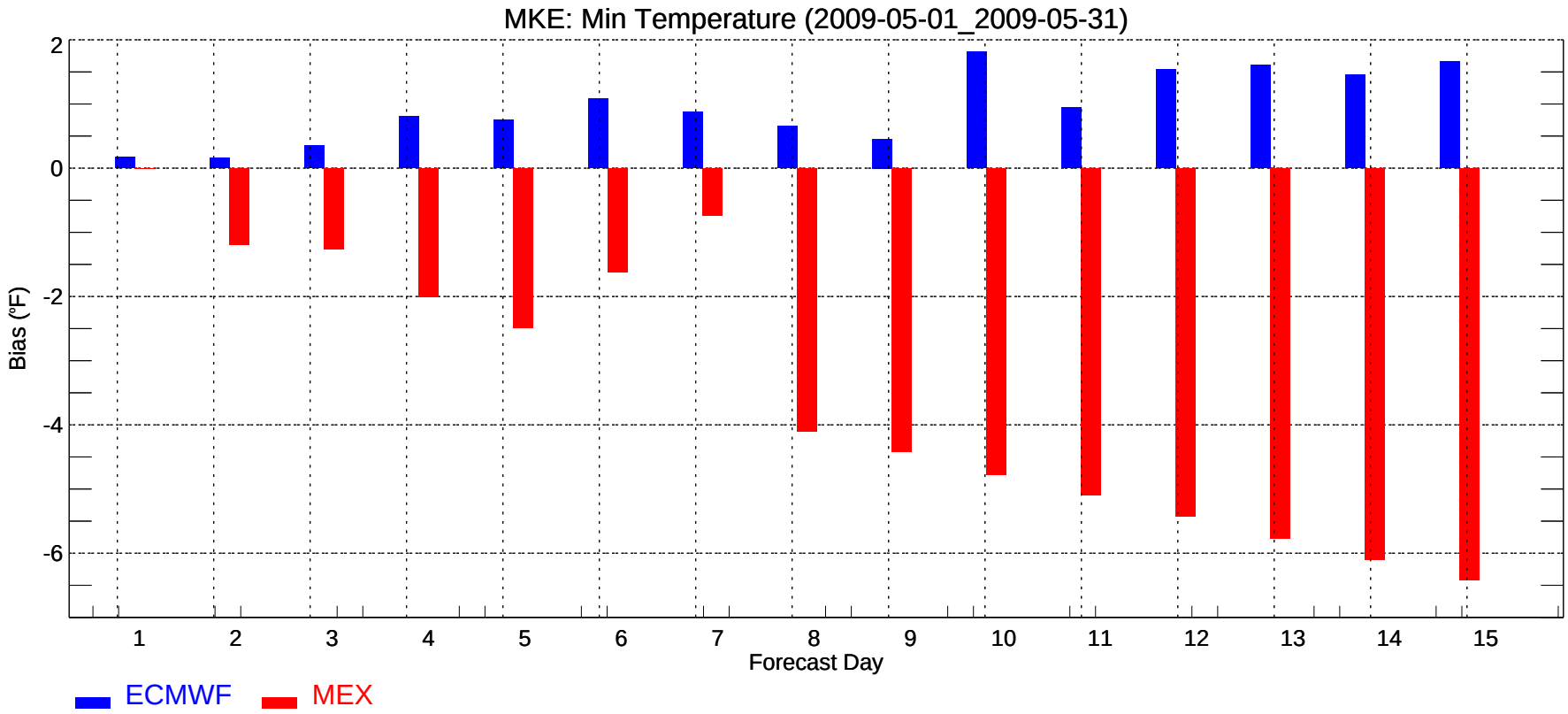

MIA: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

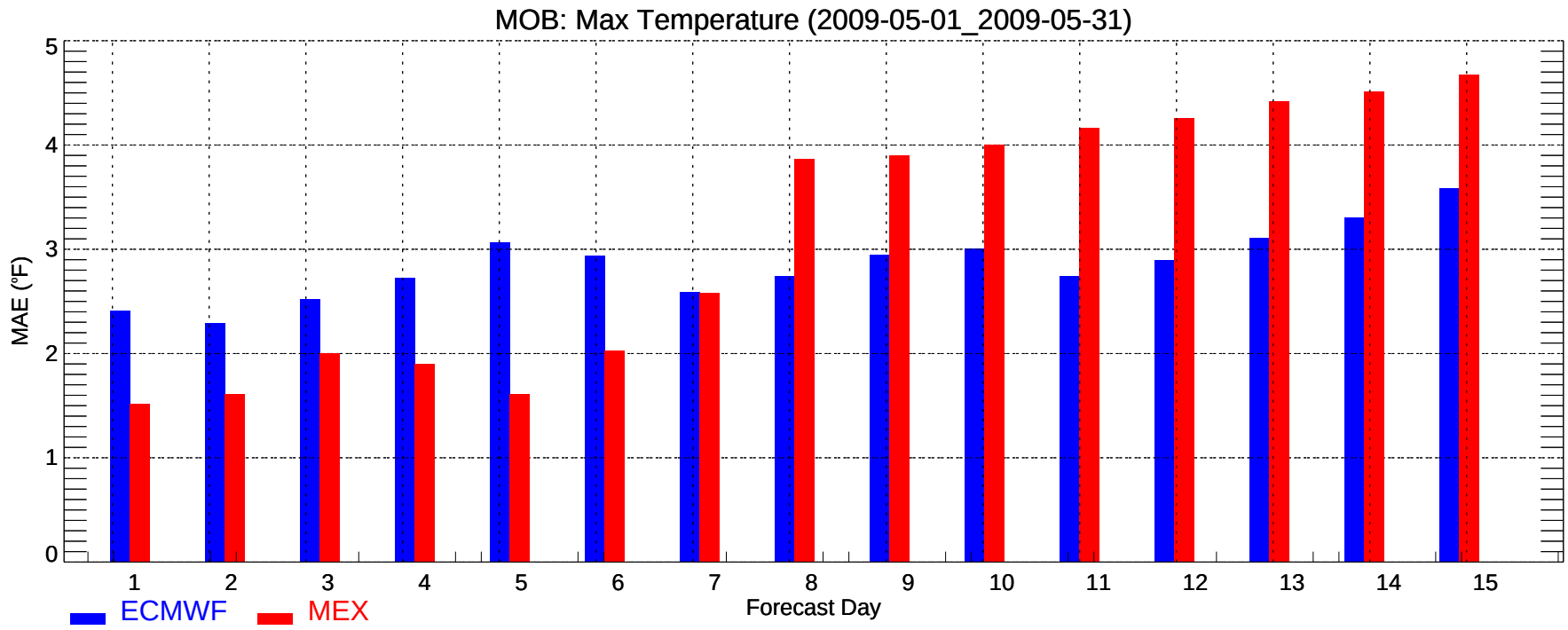

MIA: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

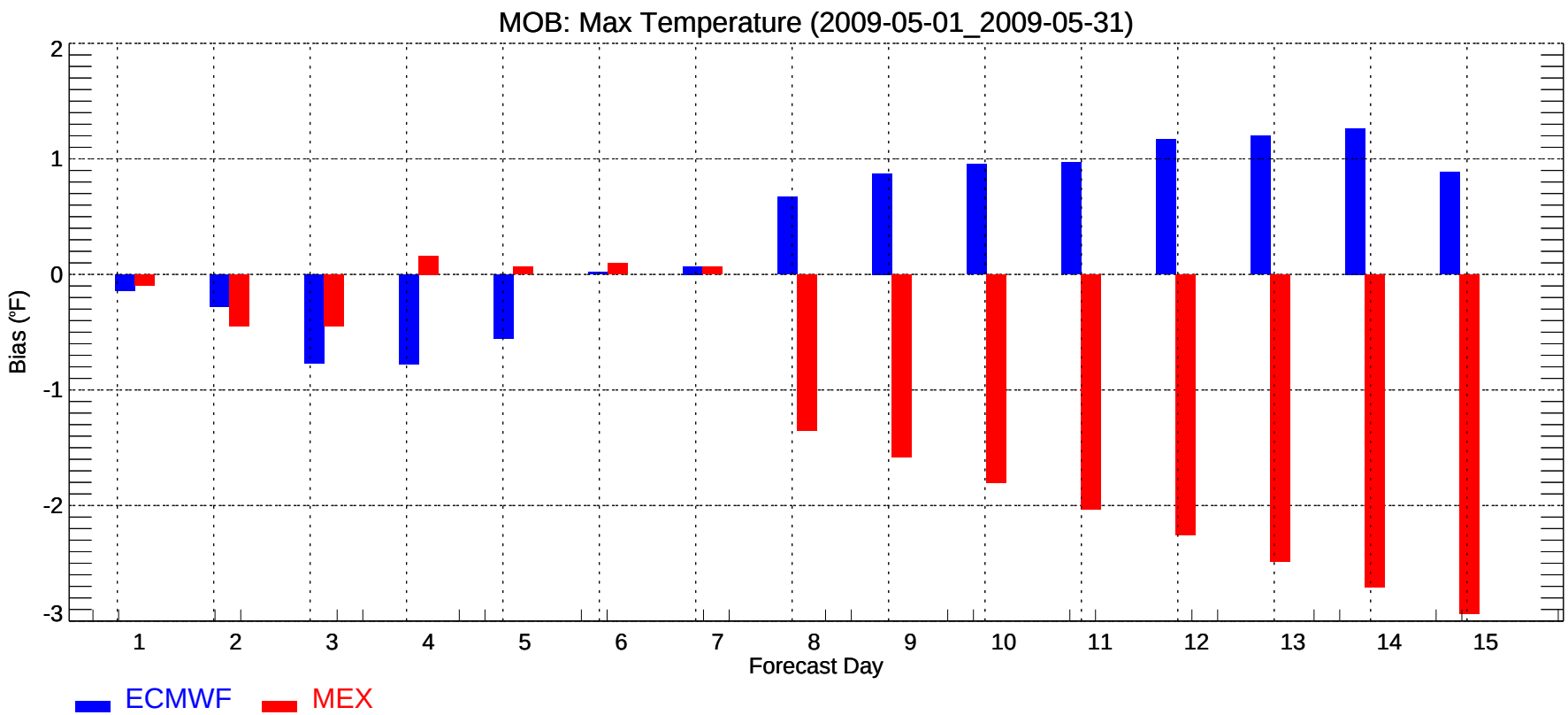

MKE: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

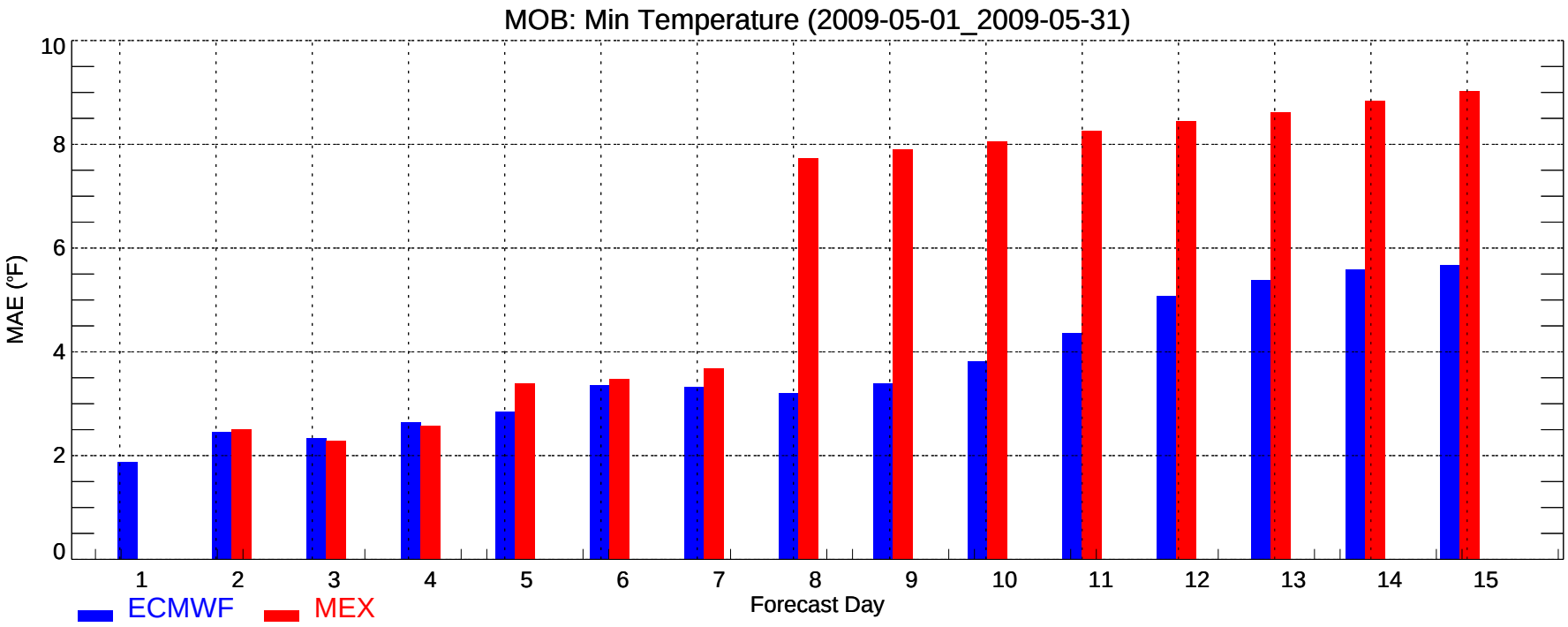

MKE: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

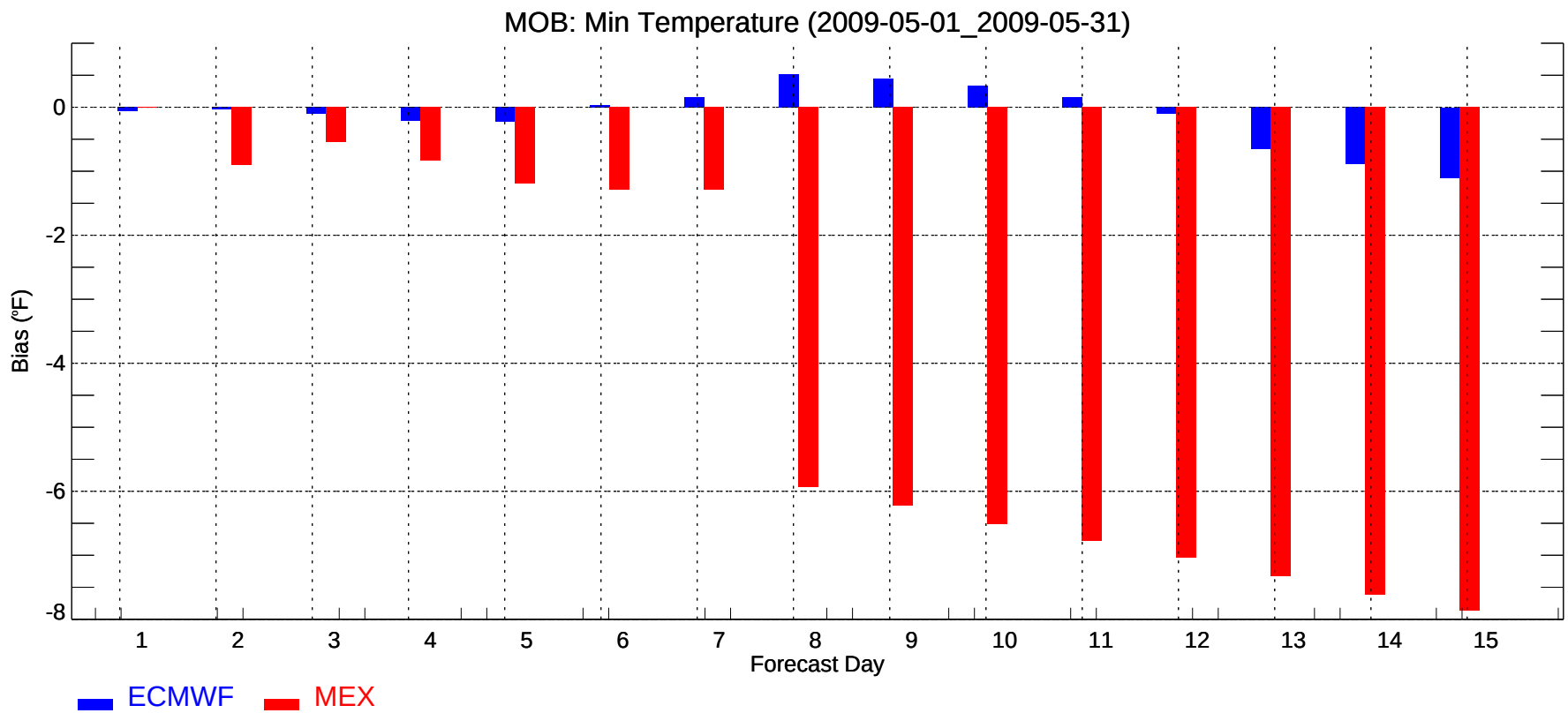

MKE: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

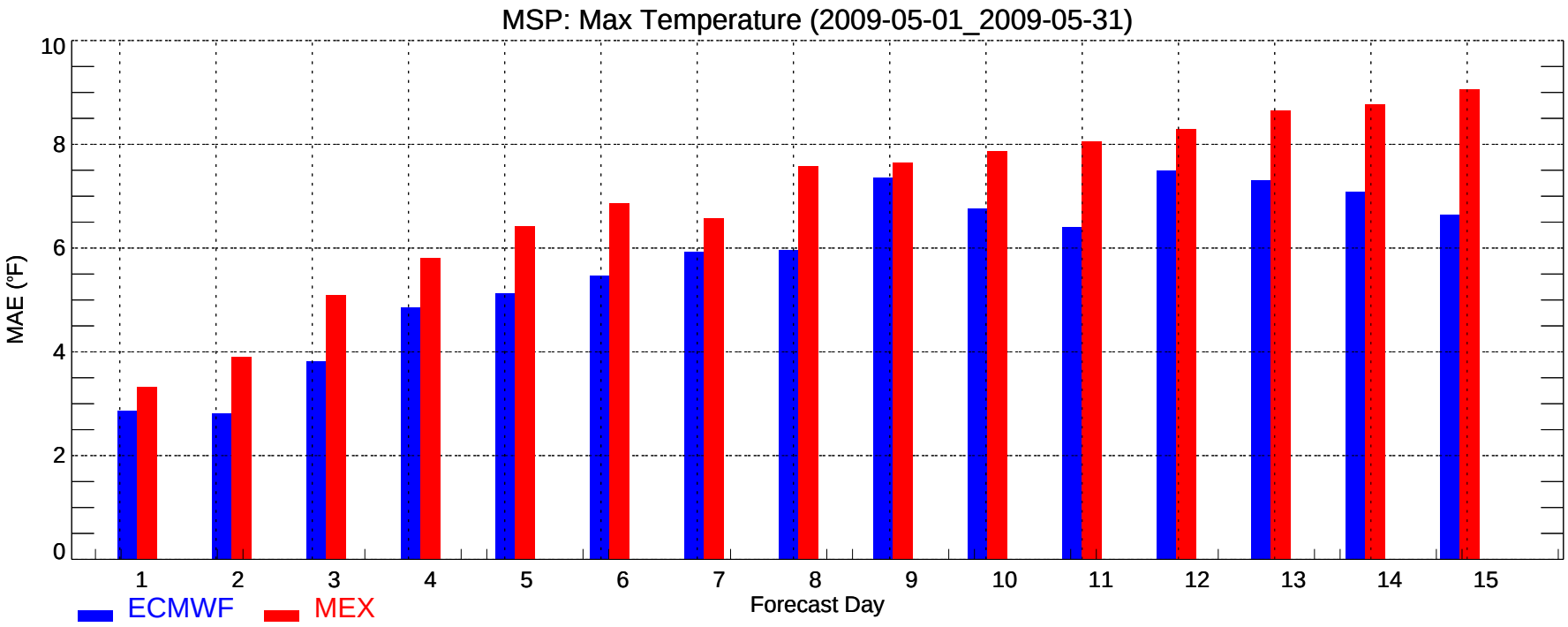

MKE: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

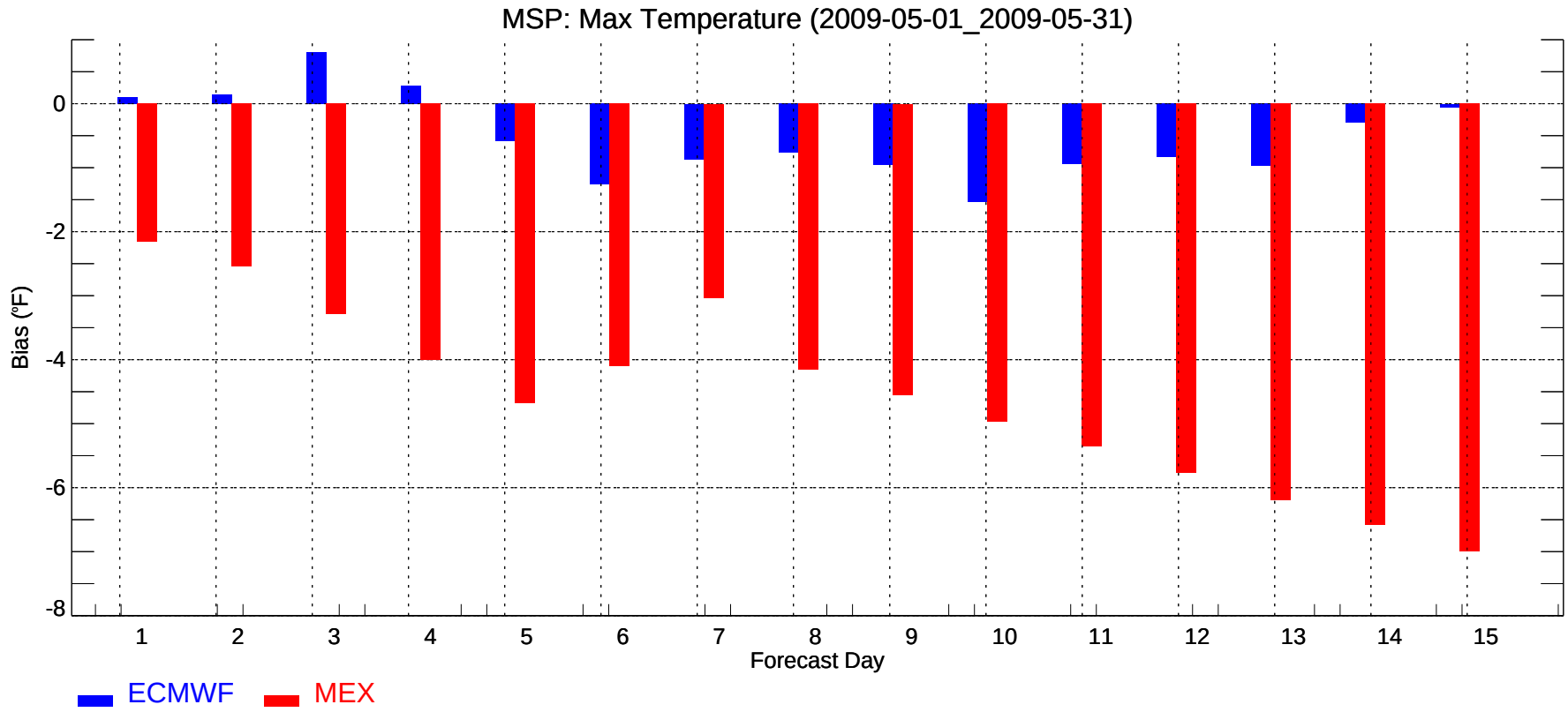

MOB: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

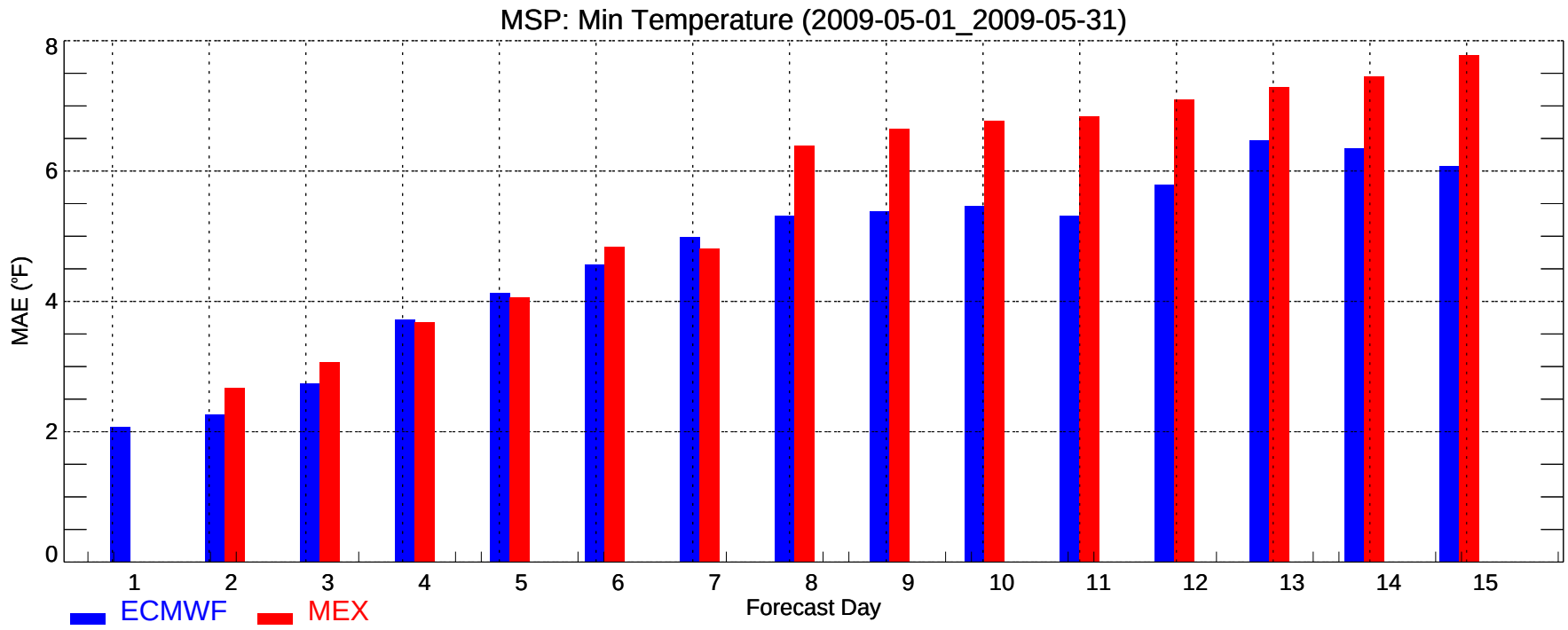

MOB: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

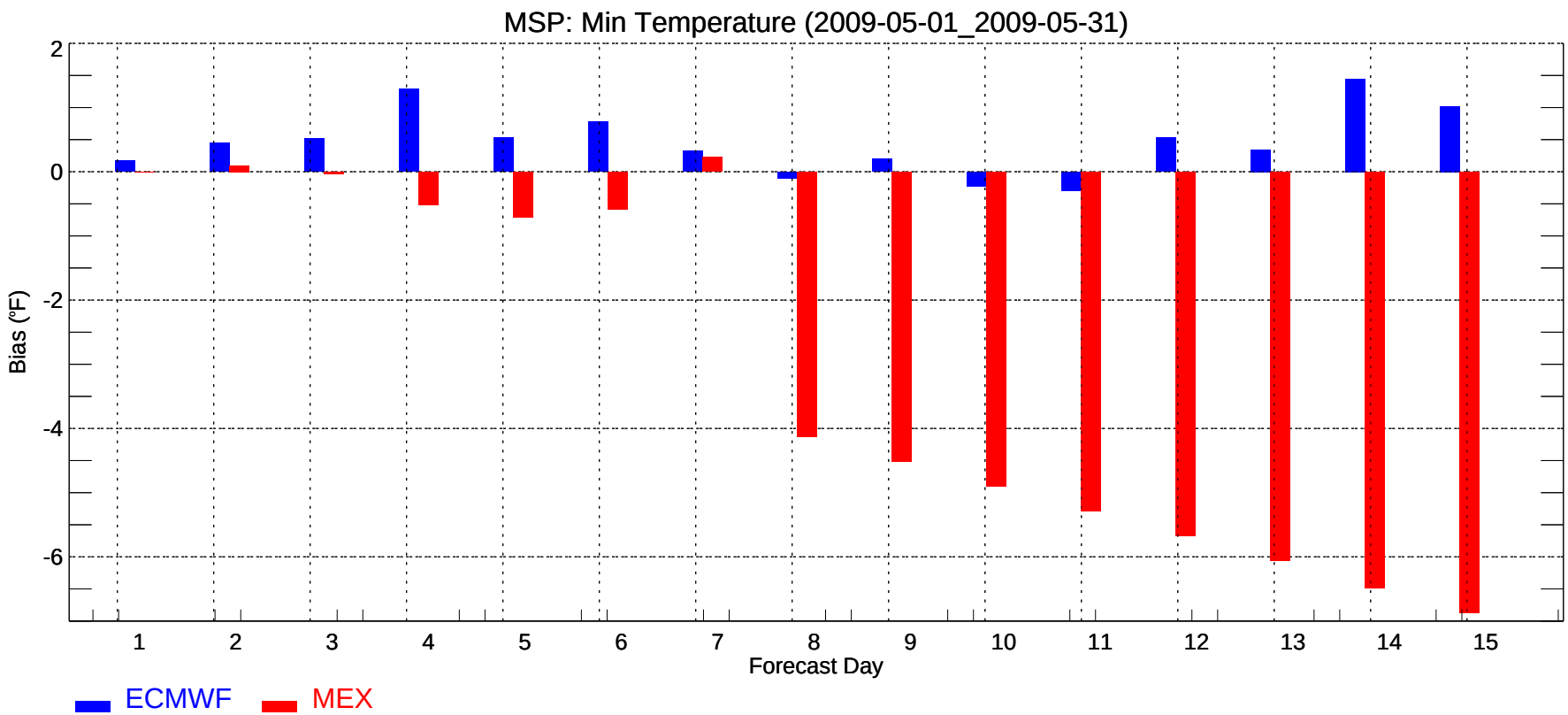

MOB: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

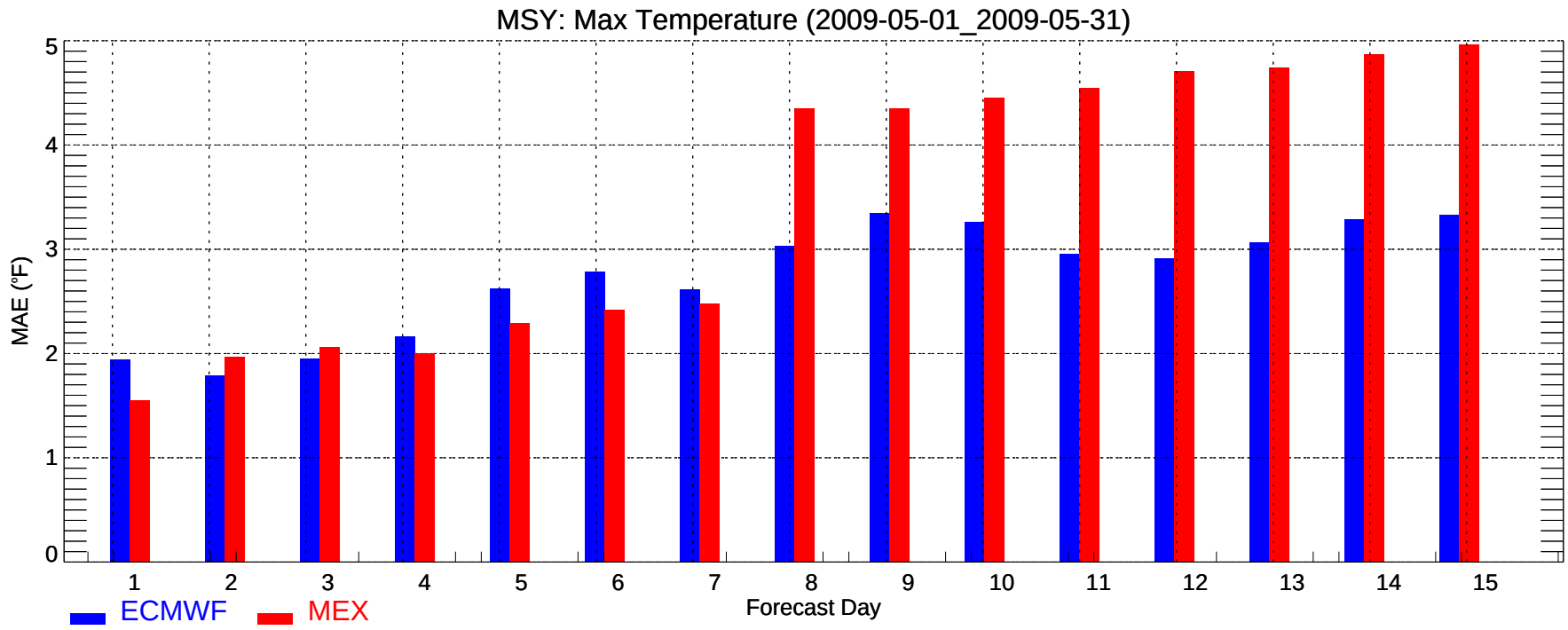

MOB: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

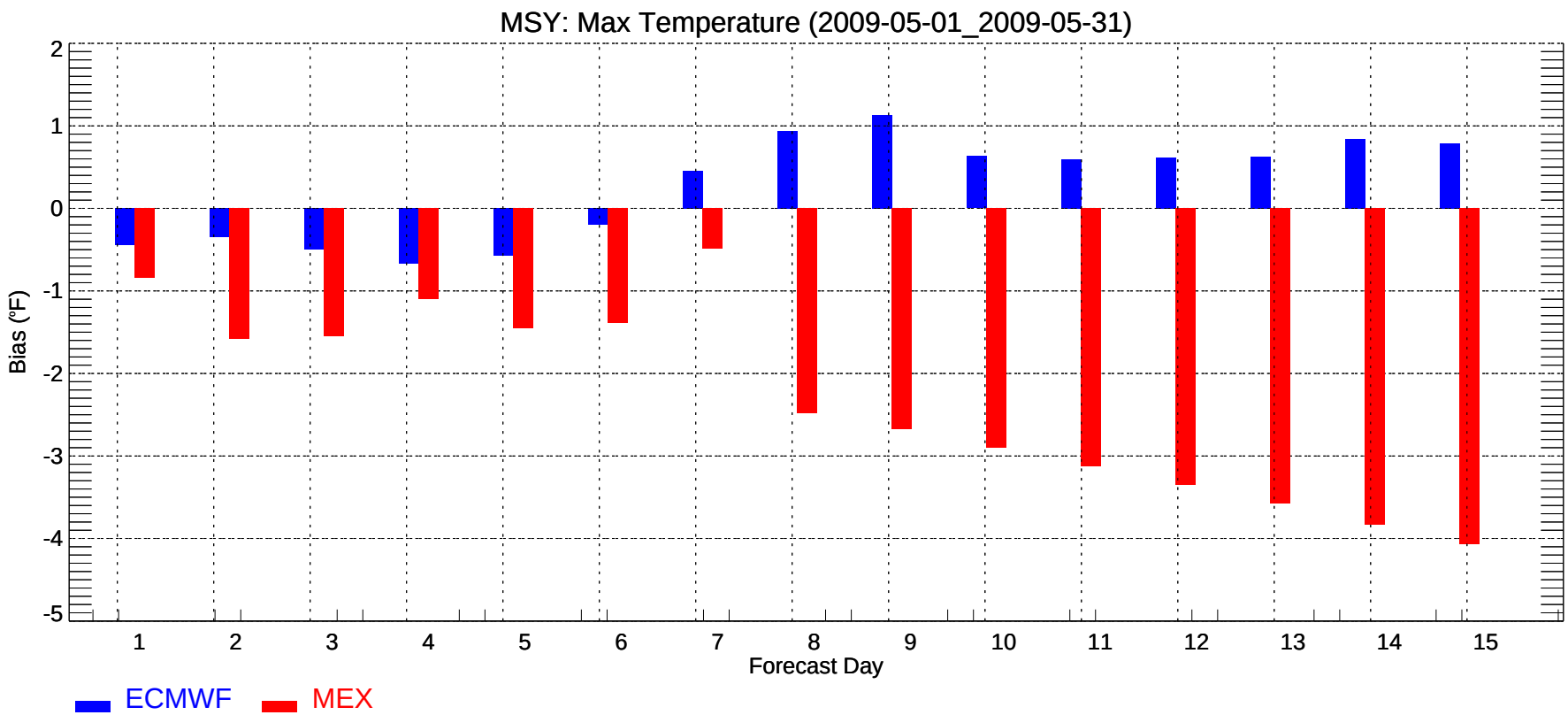

MSP: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

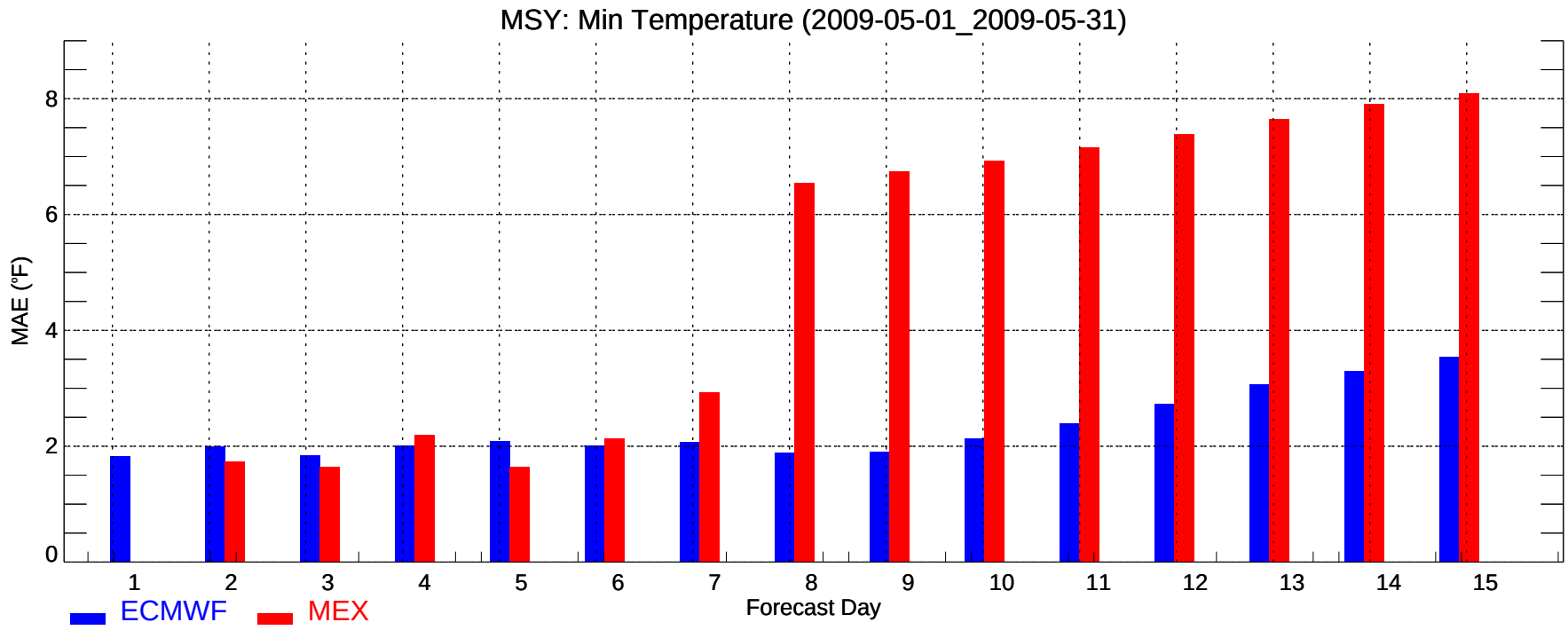

MSP: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

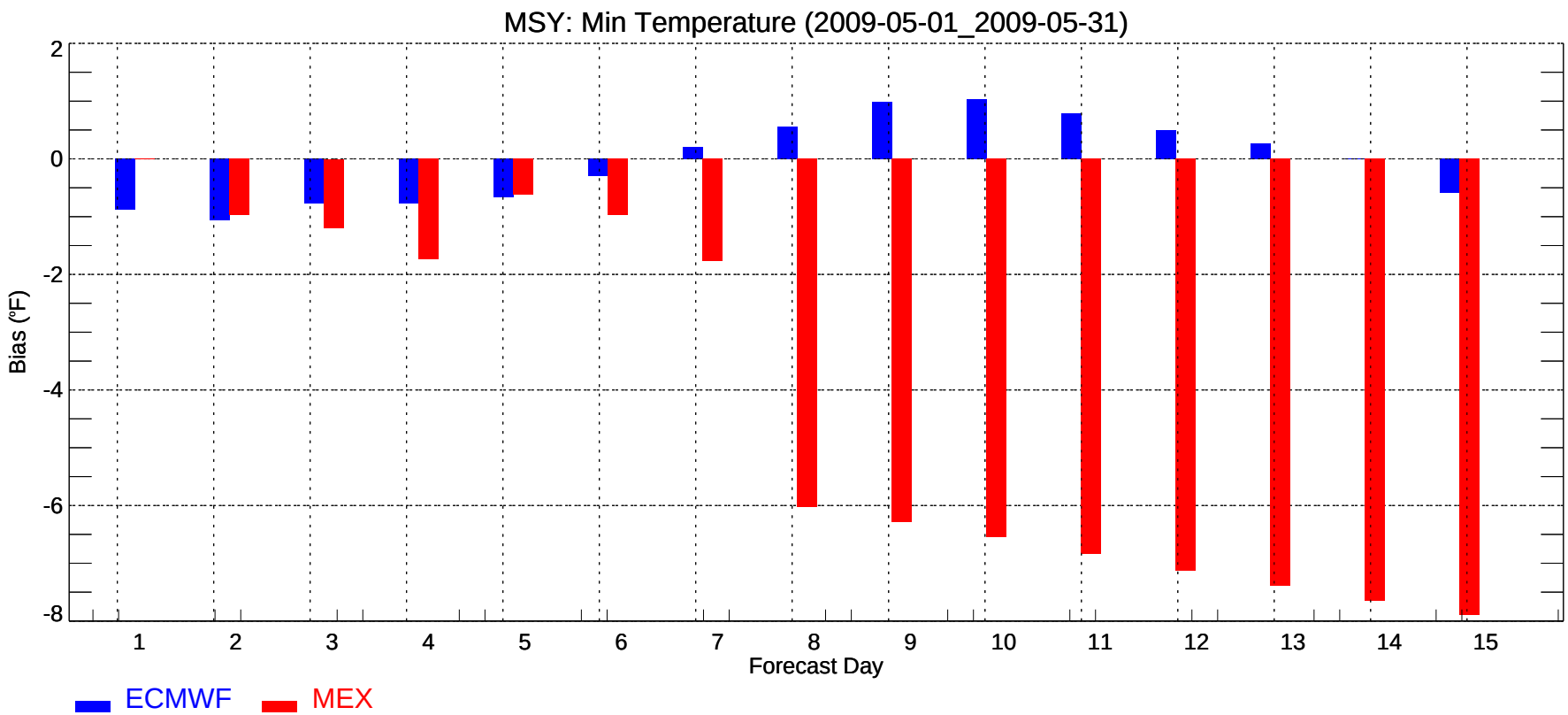

MSP: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MSP: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MSY: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MSY: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MSY: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MSY: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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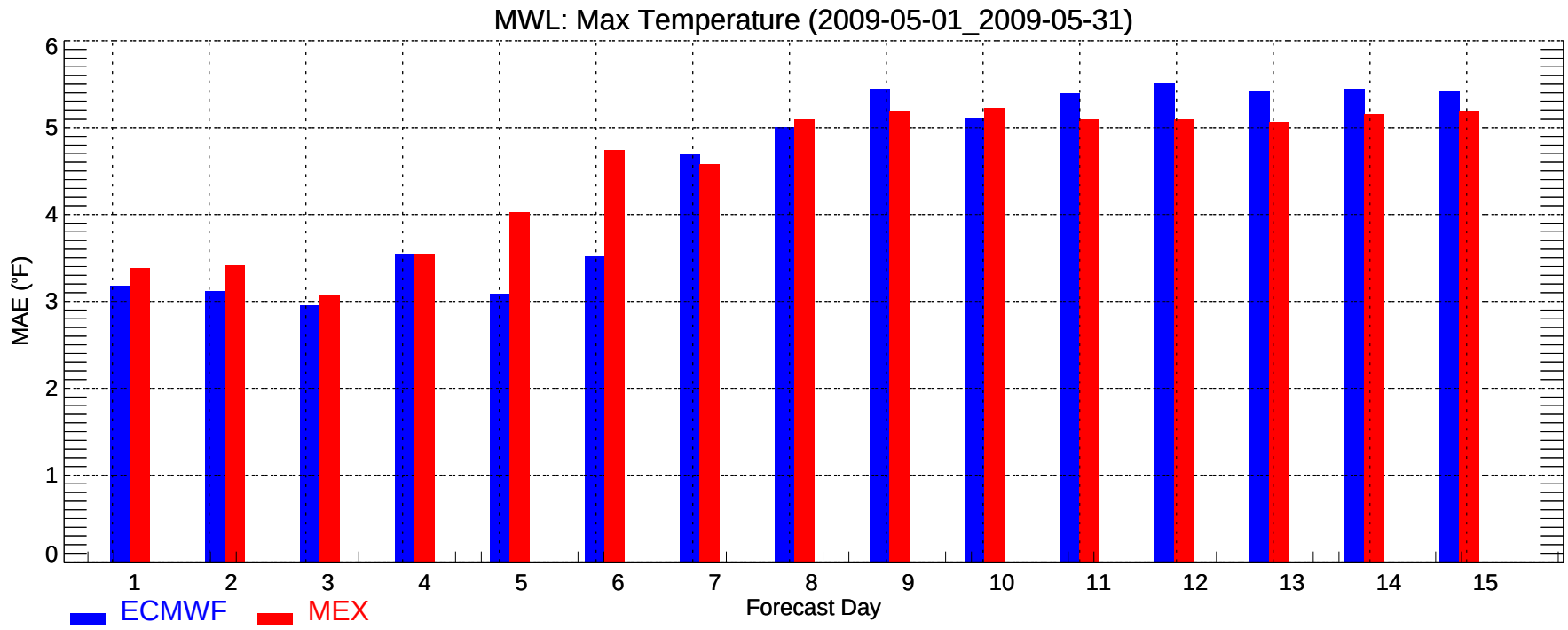
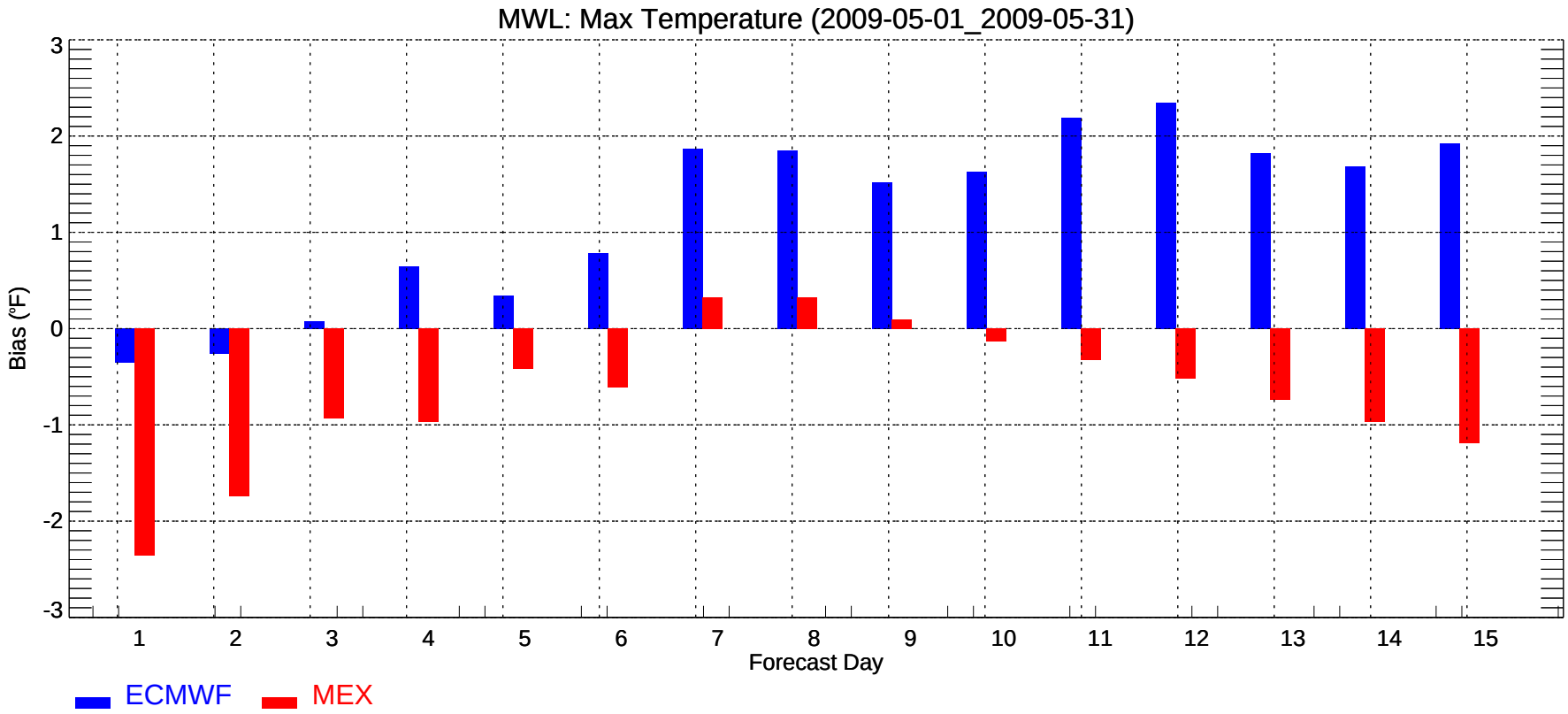
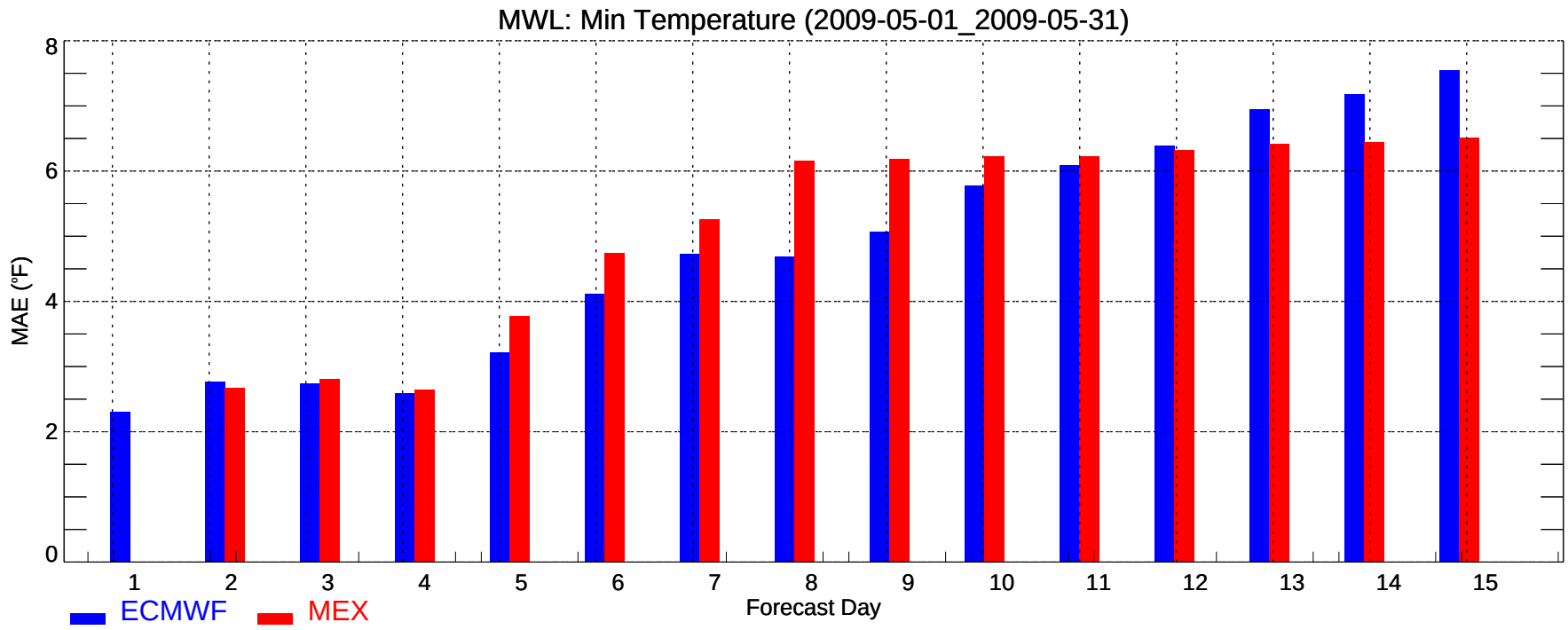
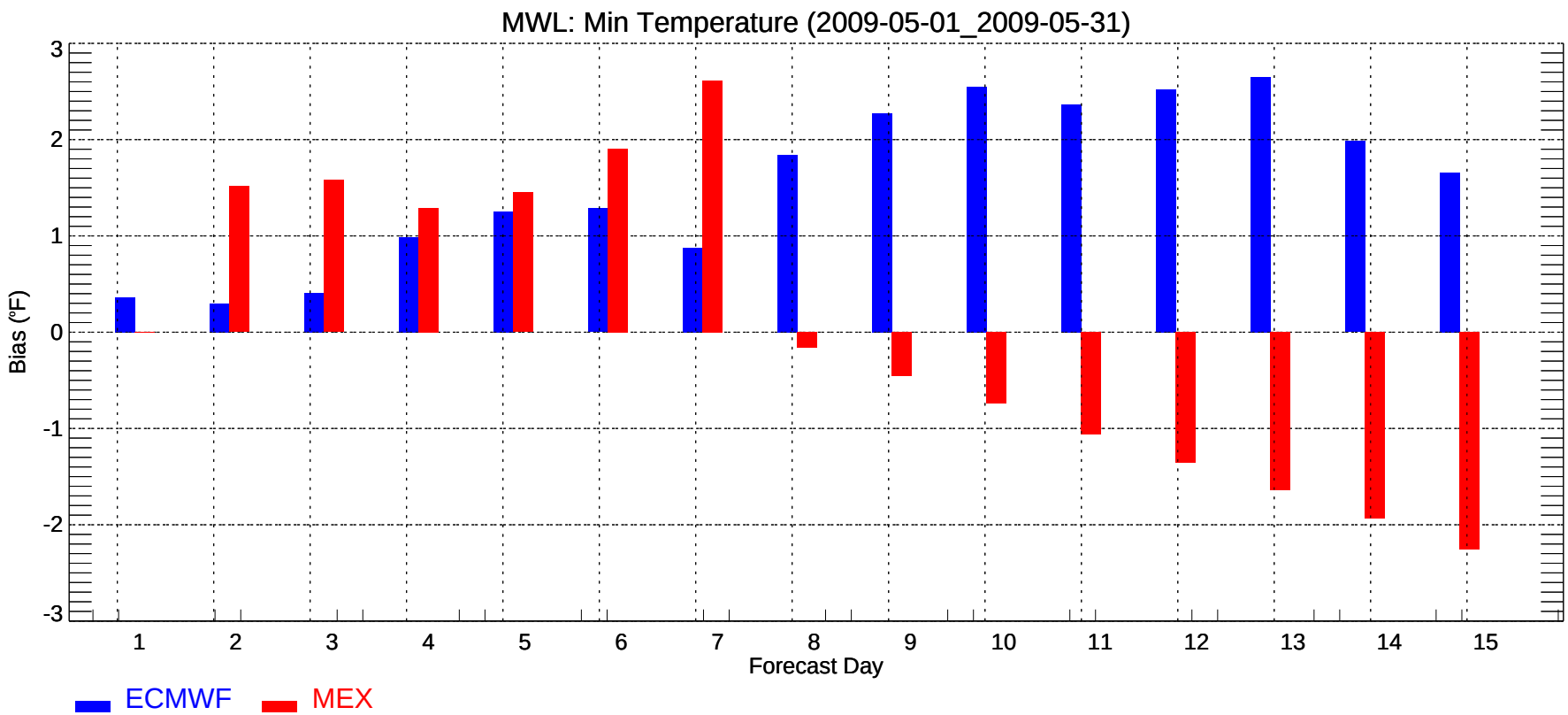
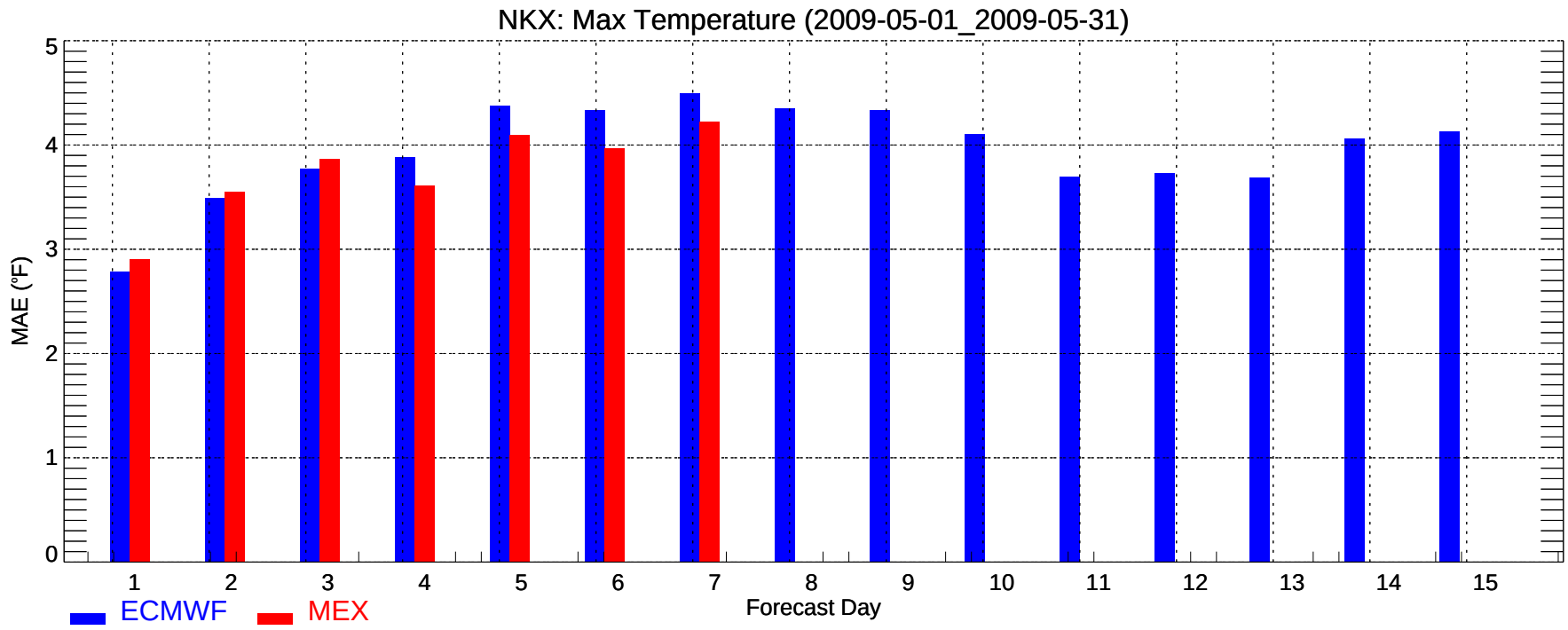
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

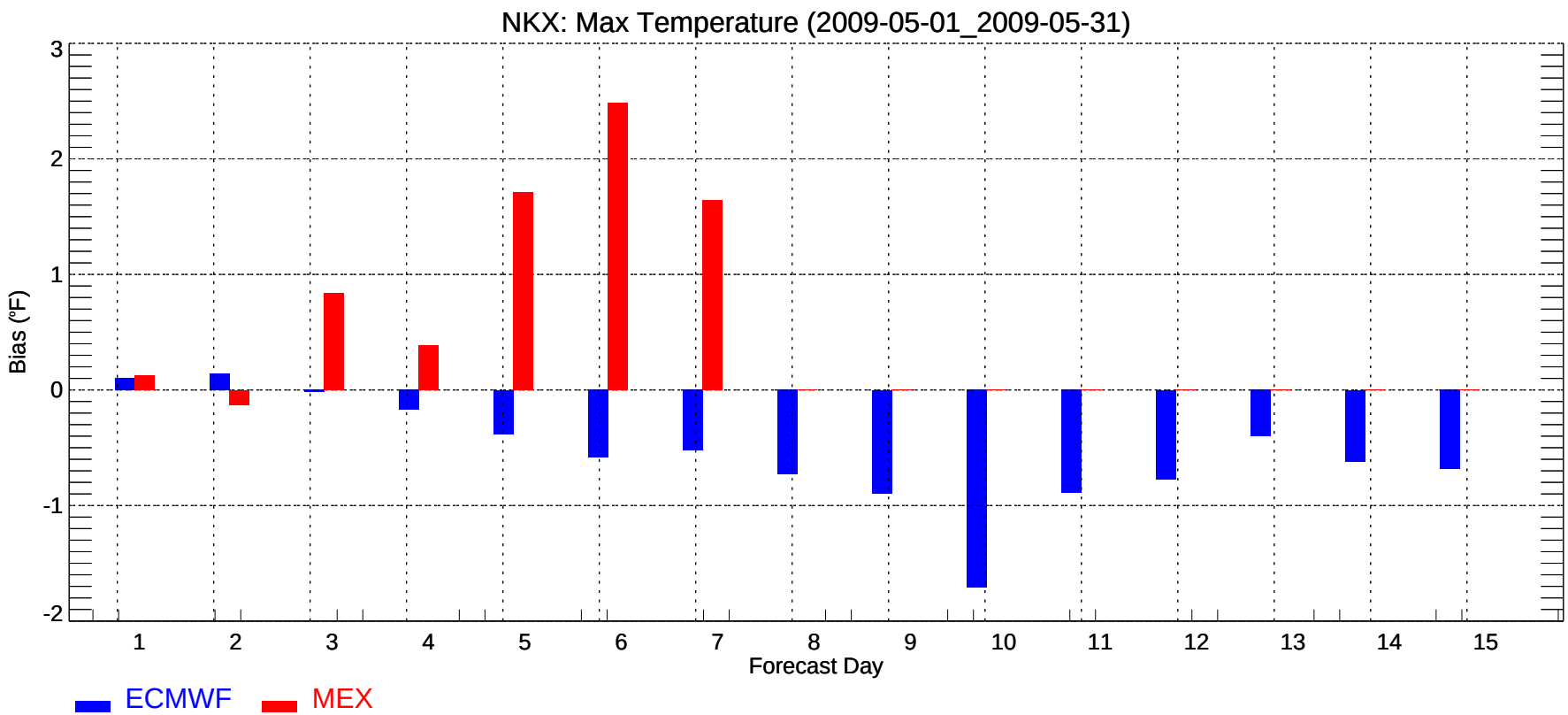

MWL: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

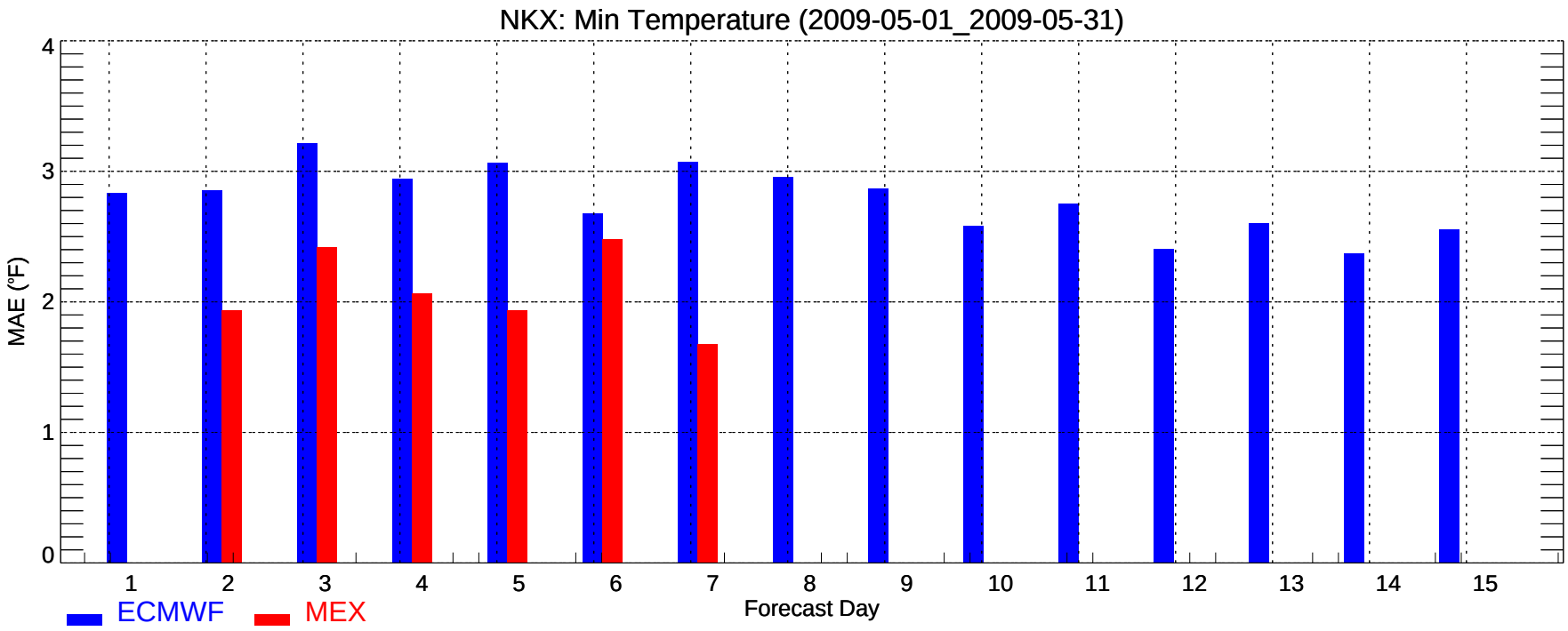

MWL: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

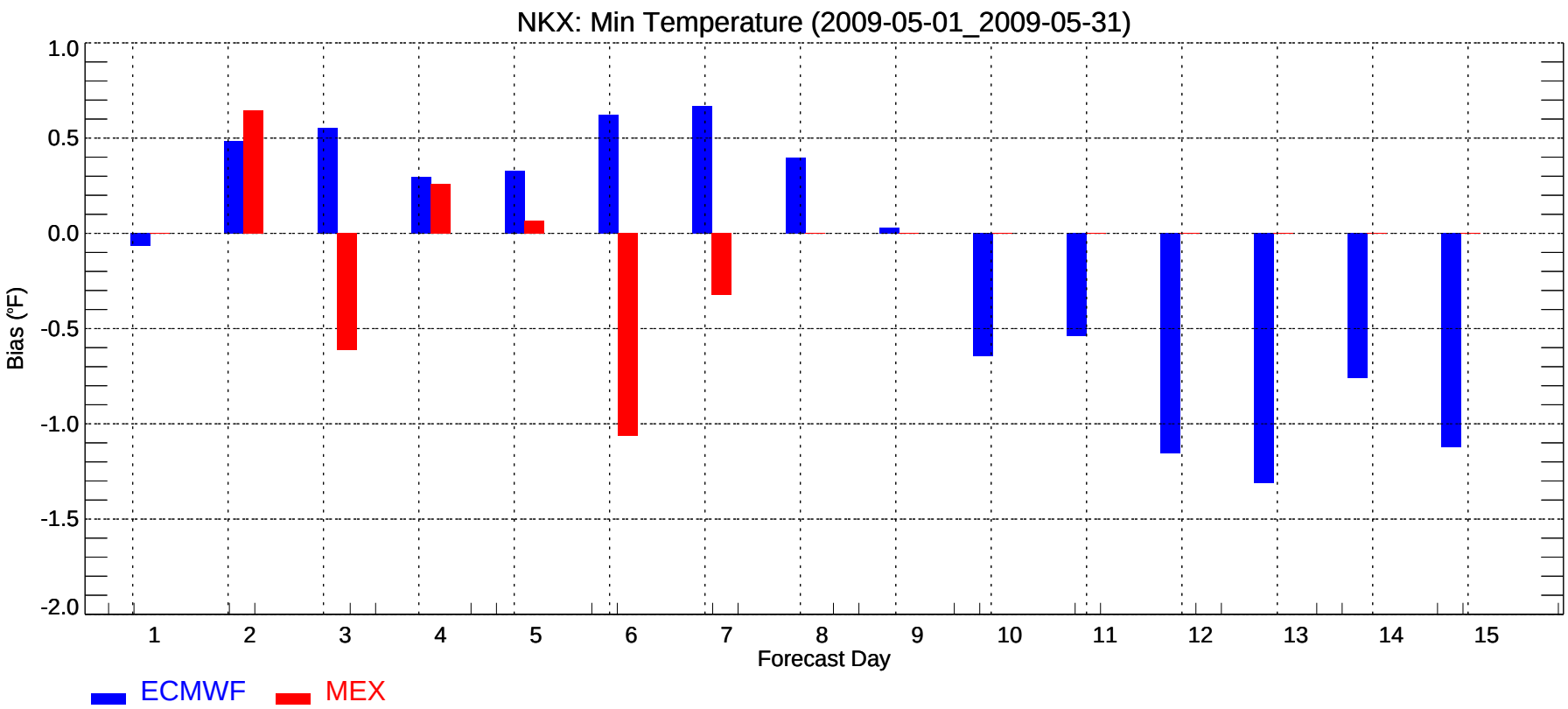

MWL: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

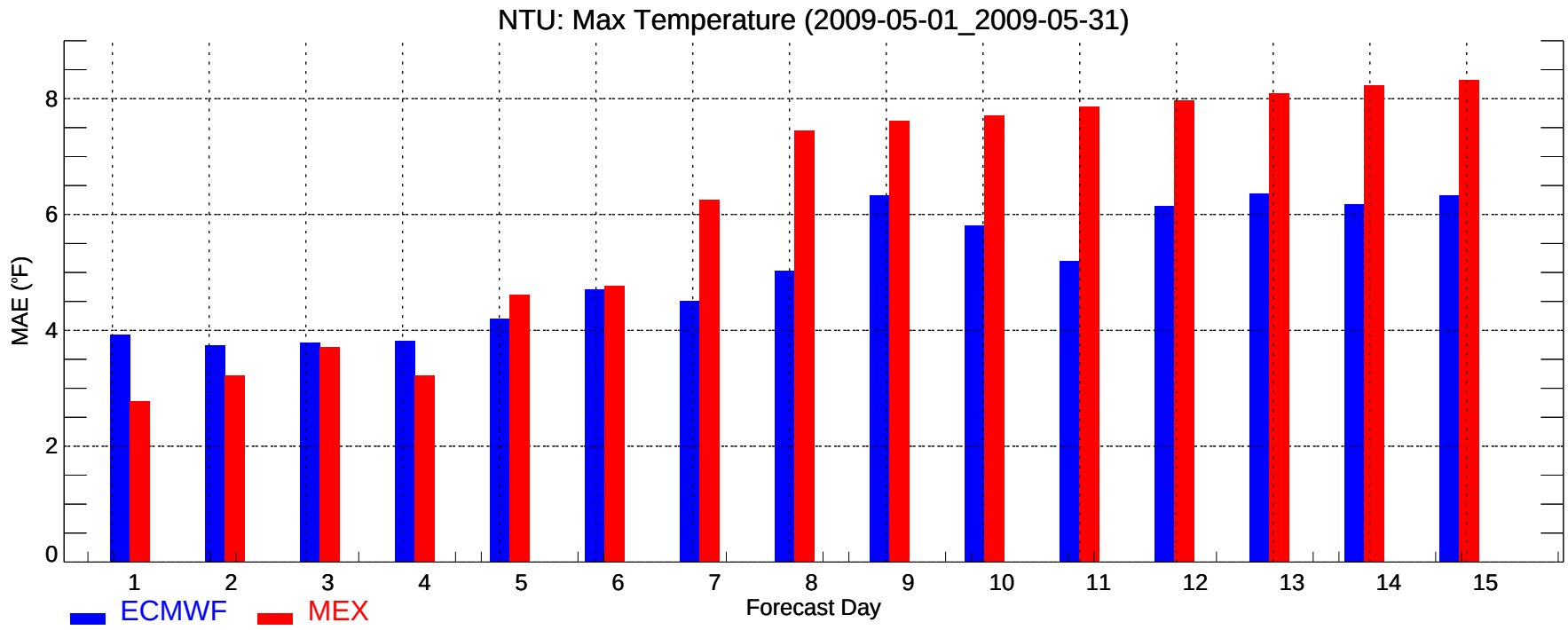

MWL: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

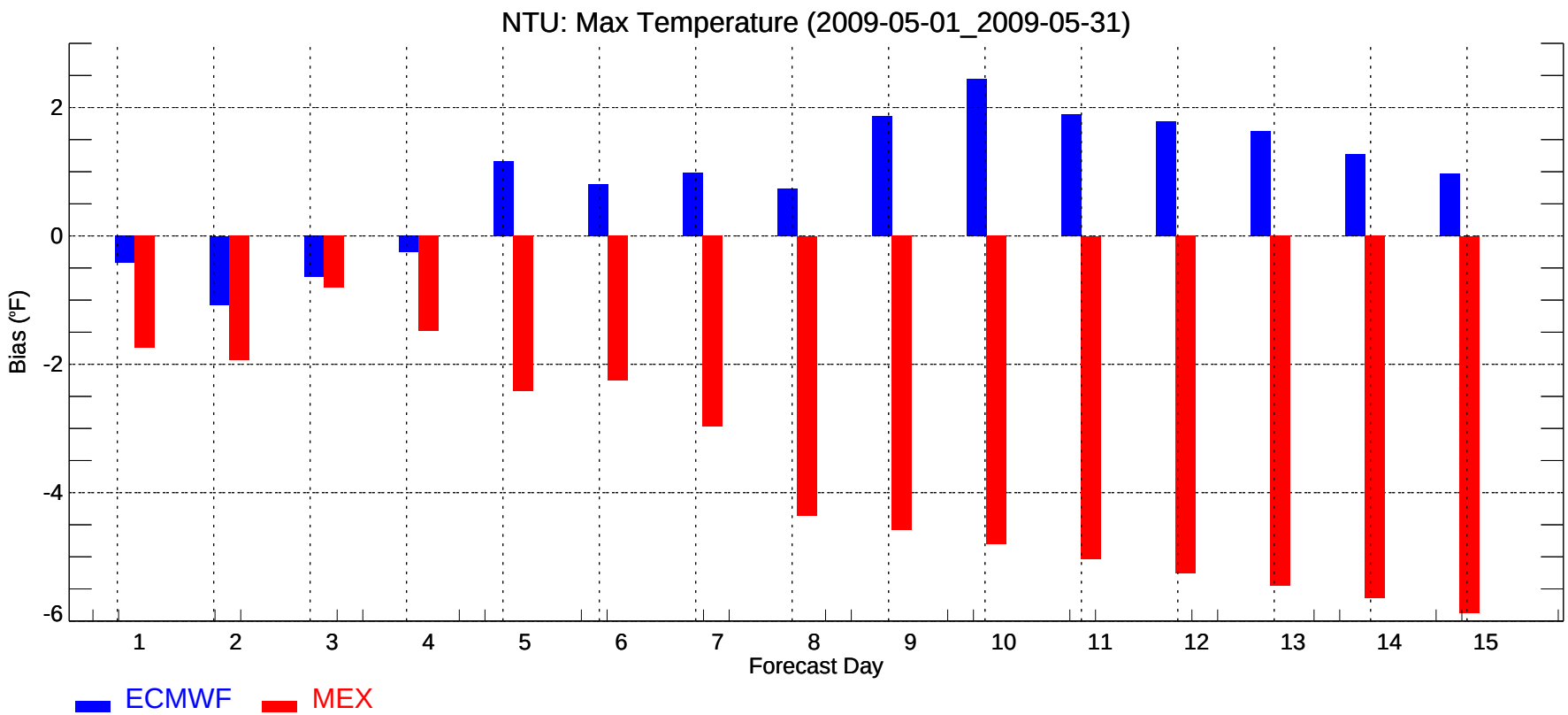

NKX: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NKX: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NKX: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NKX: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NTU: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NTU: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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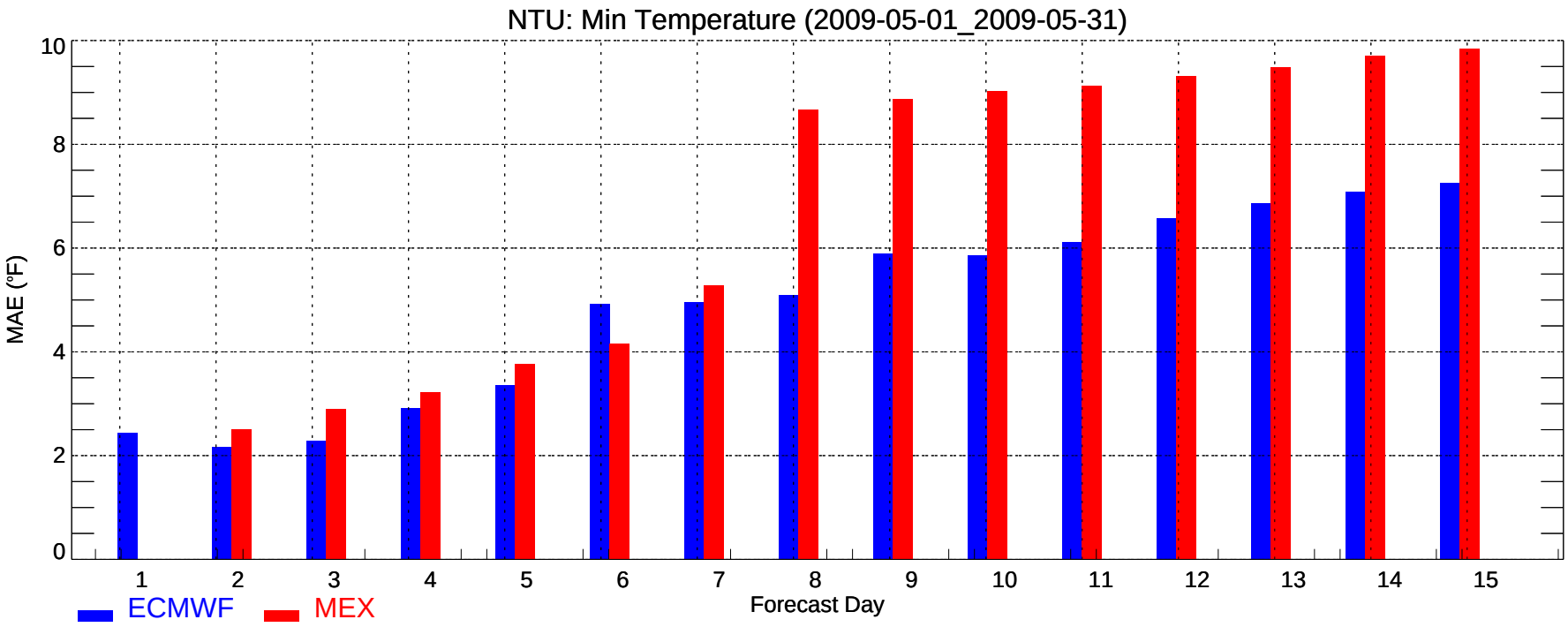
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NTU: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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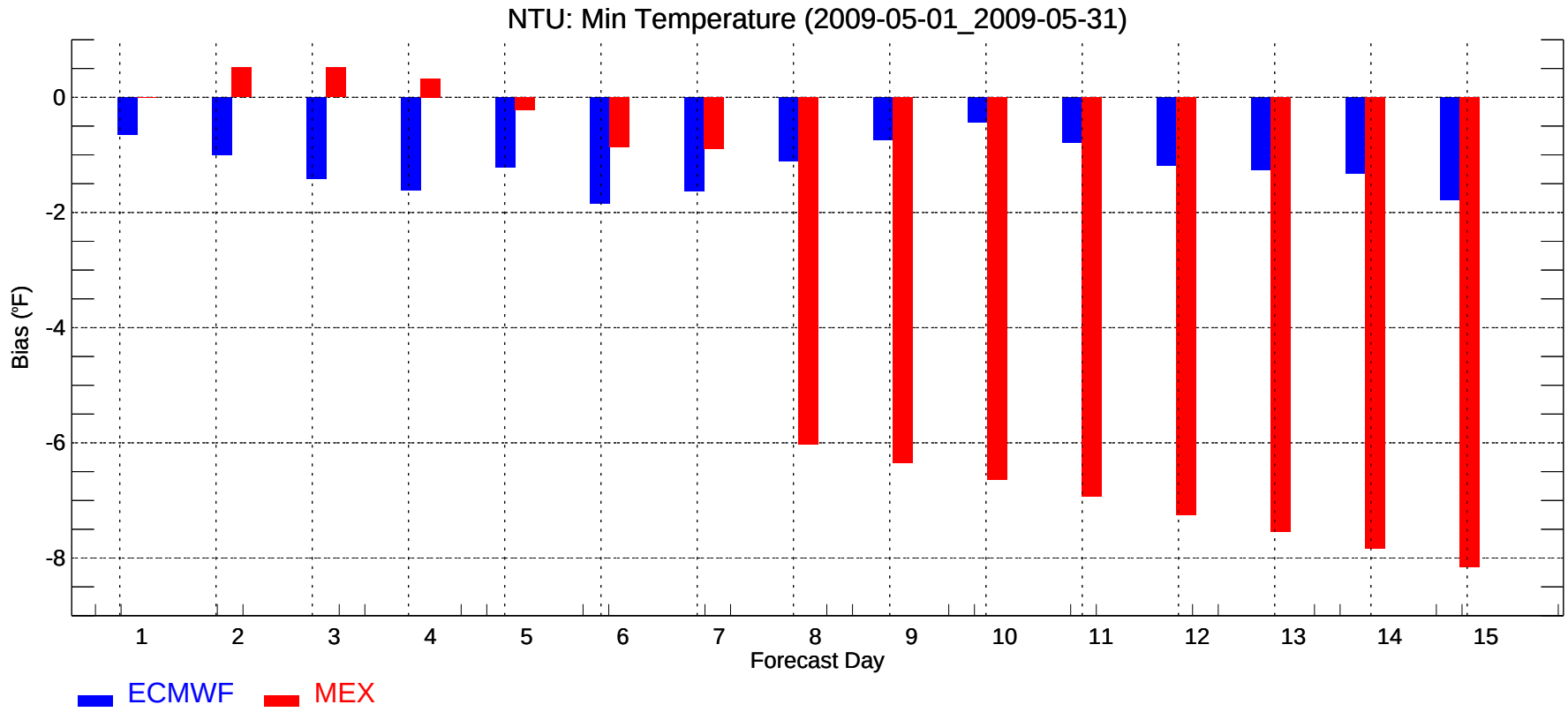
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NTU: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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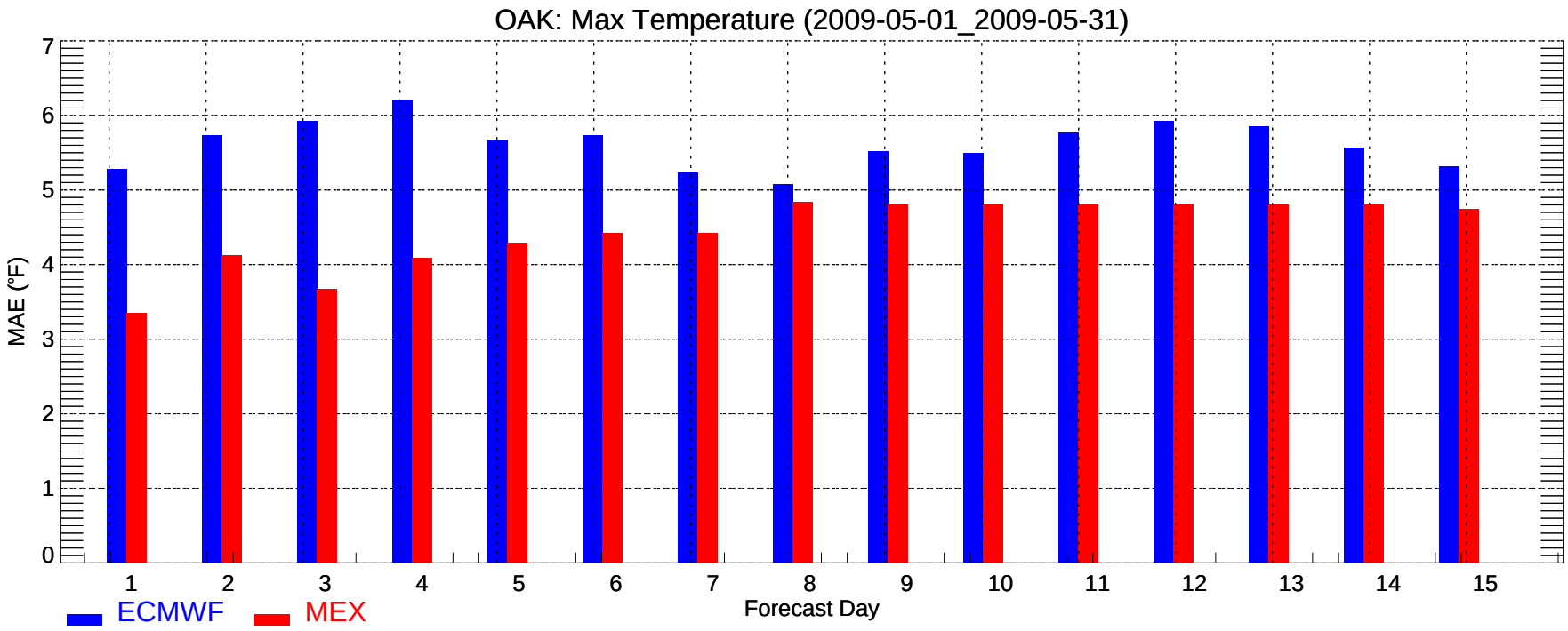
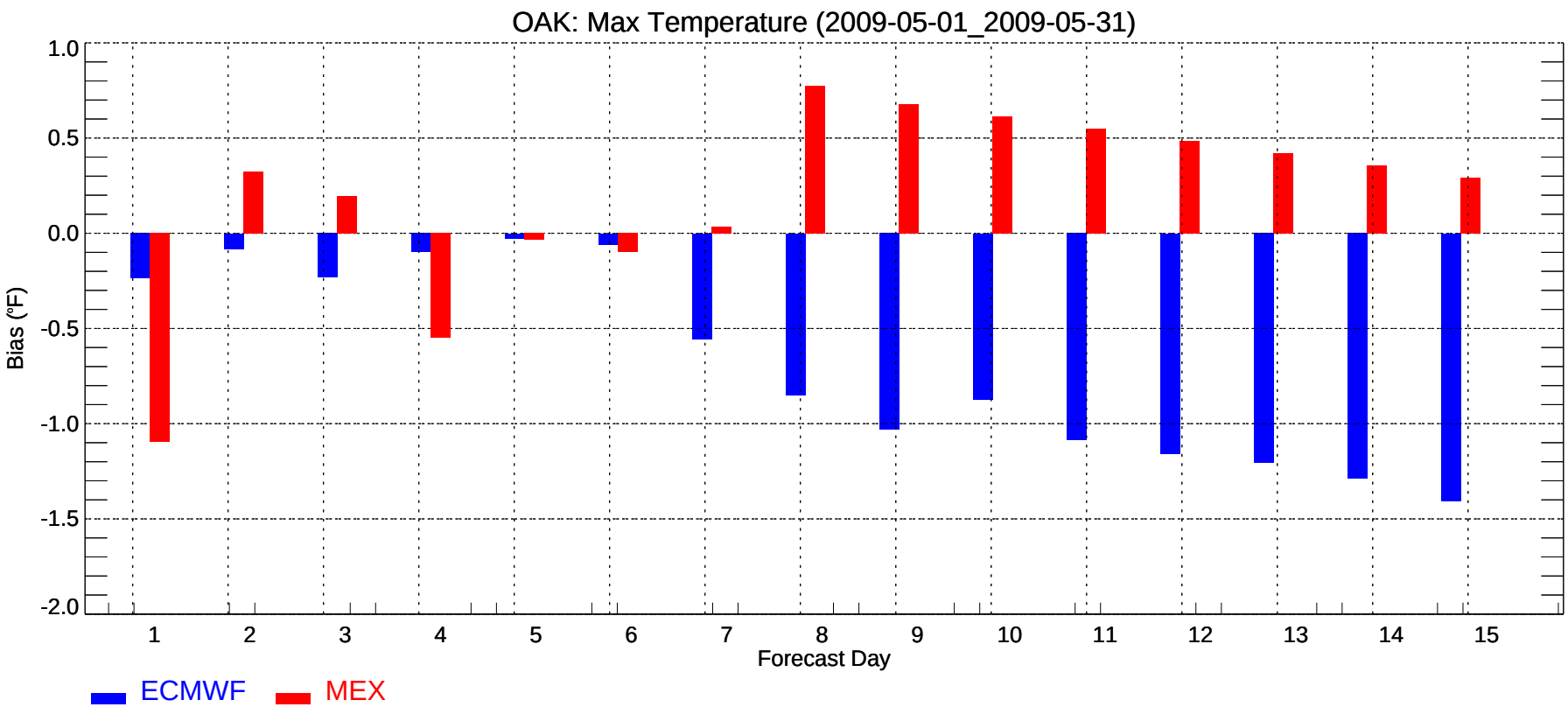
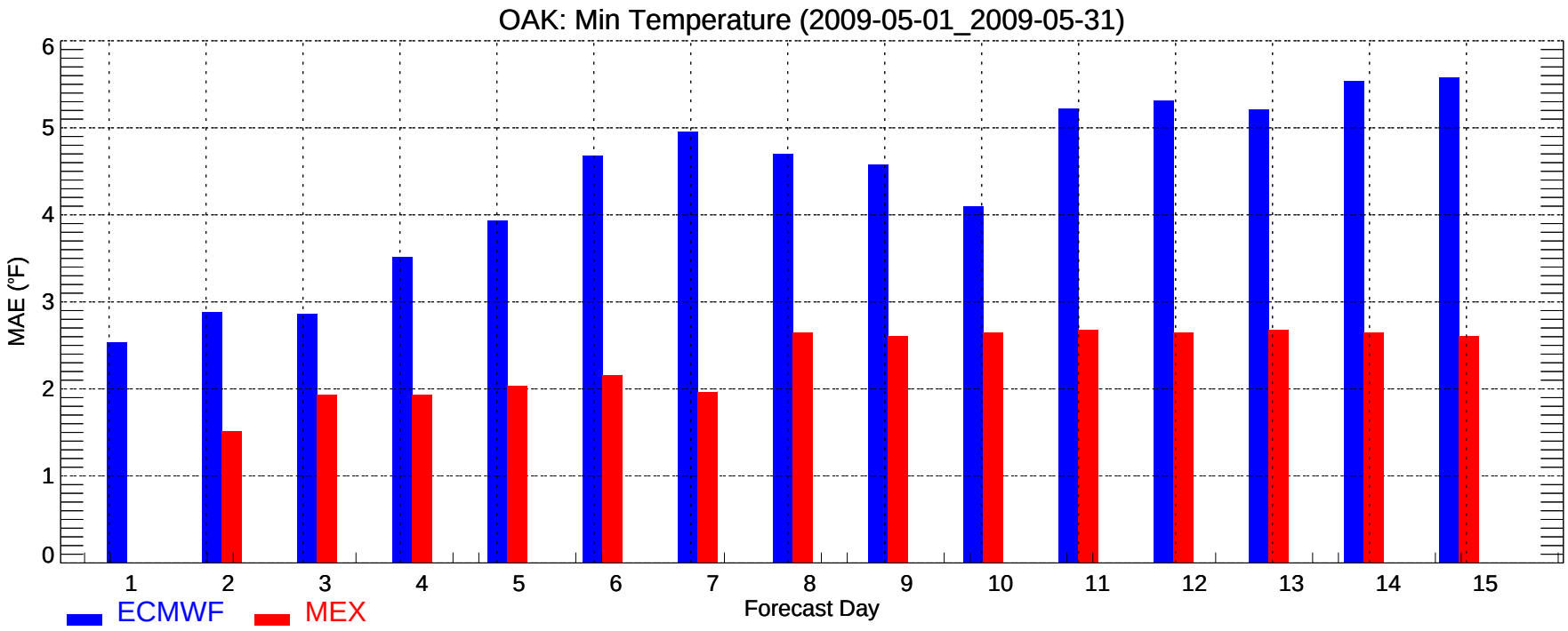
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OAK: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OAK: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OAK: Min Temperature (2009-05-01_2009-05-31)
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
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14
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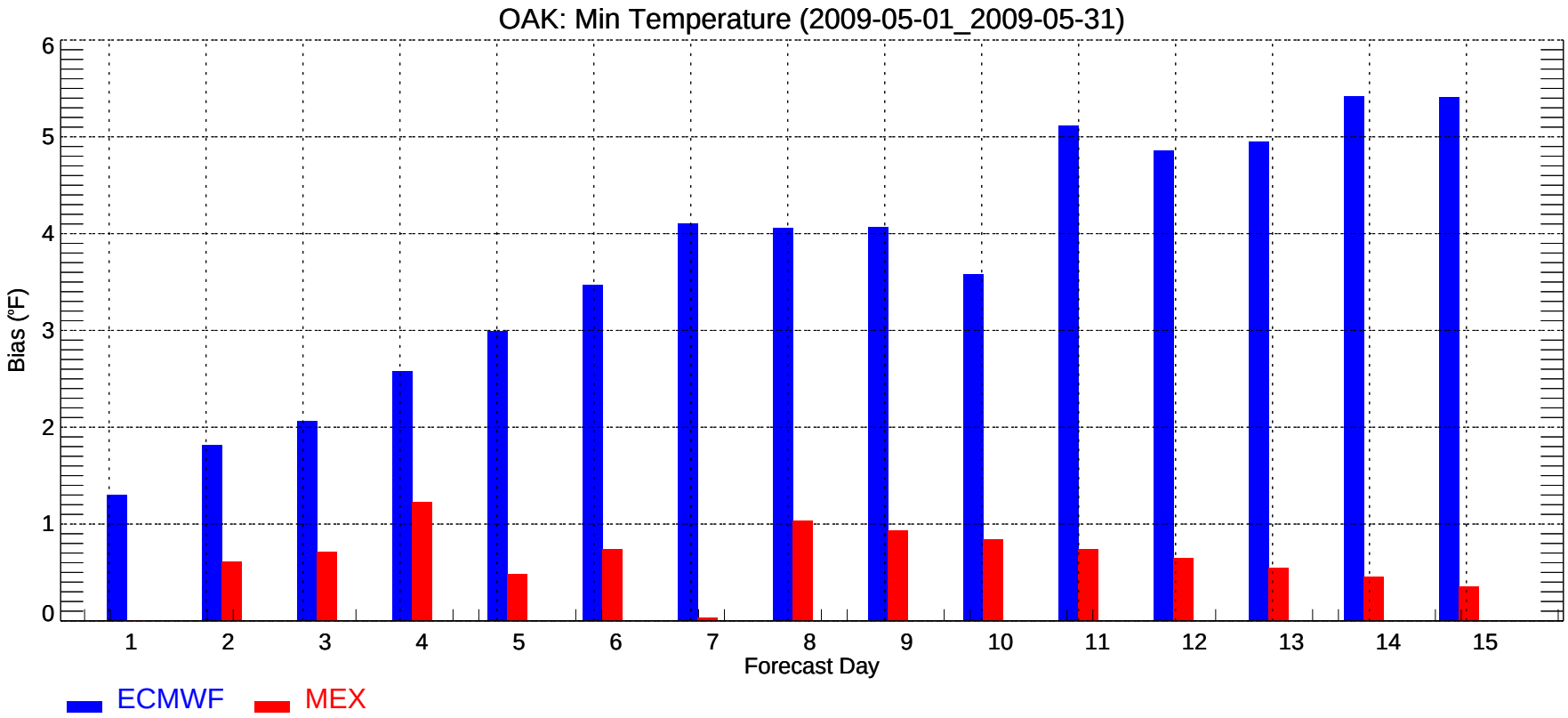
Forecast Day
ECMWF
MEX


OAK: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
1
2
3
4
5
6
1
2
3
4
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6
7
8
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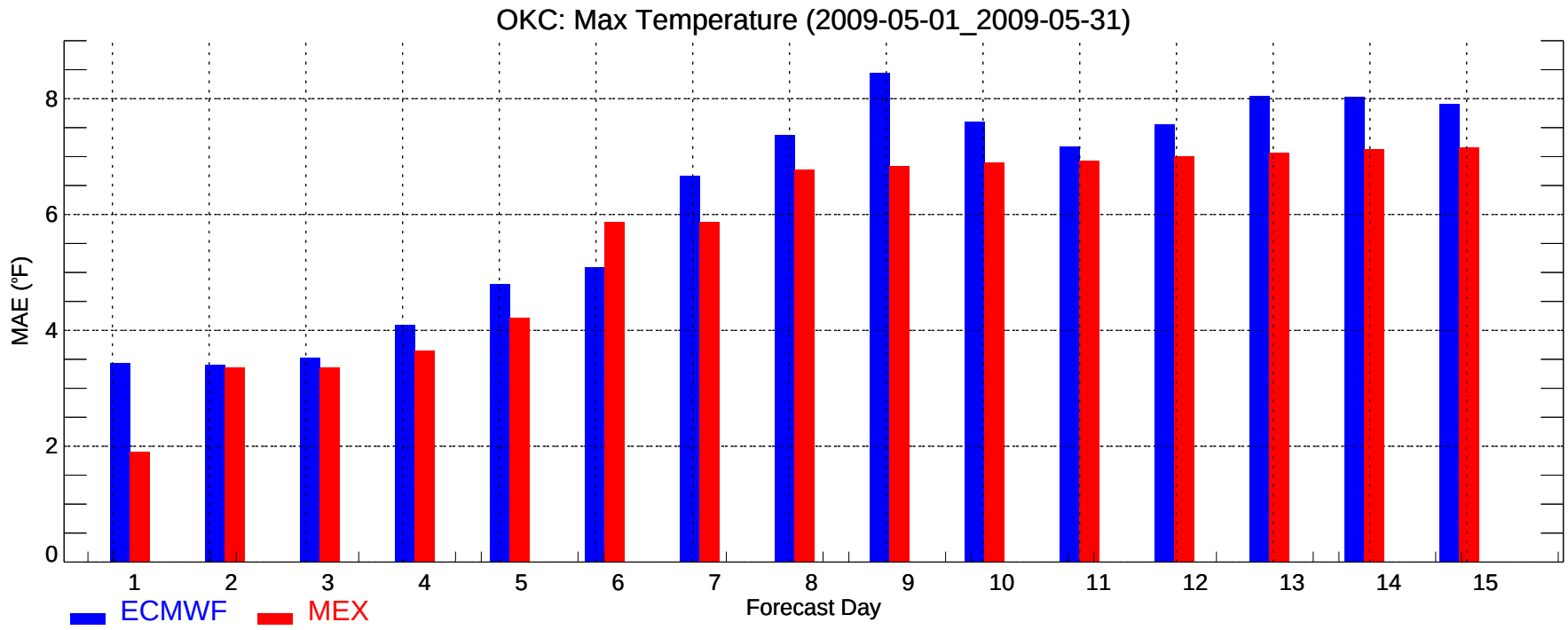
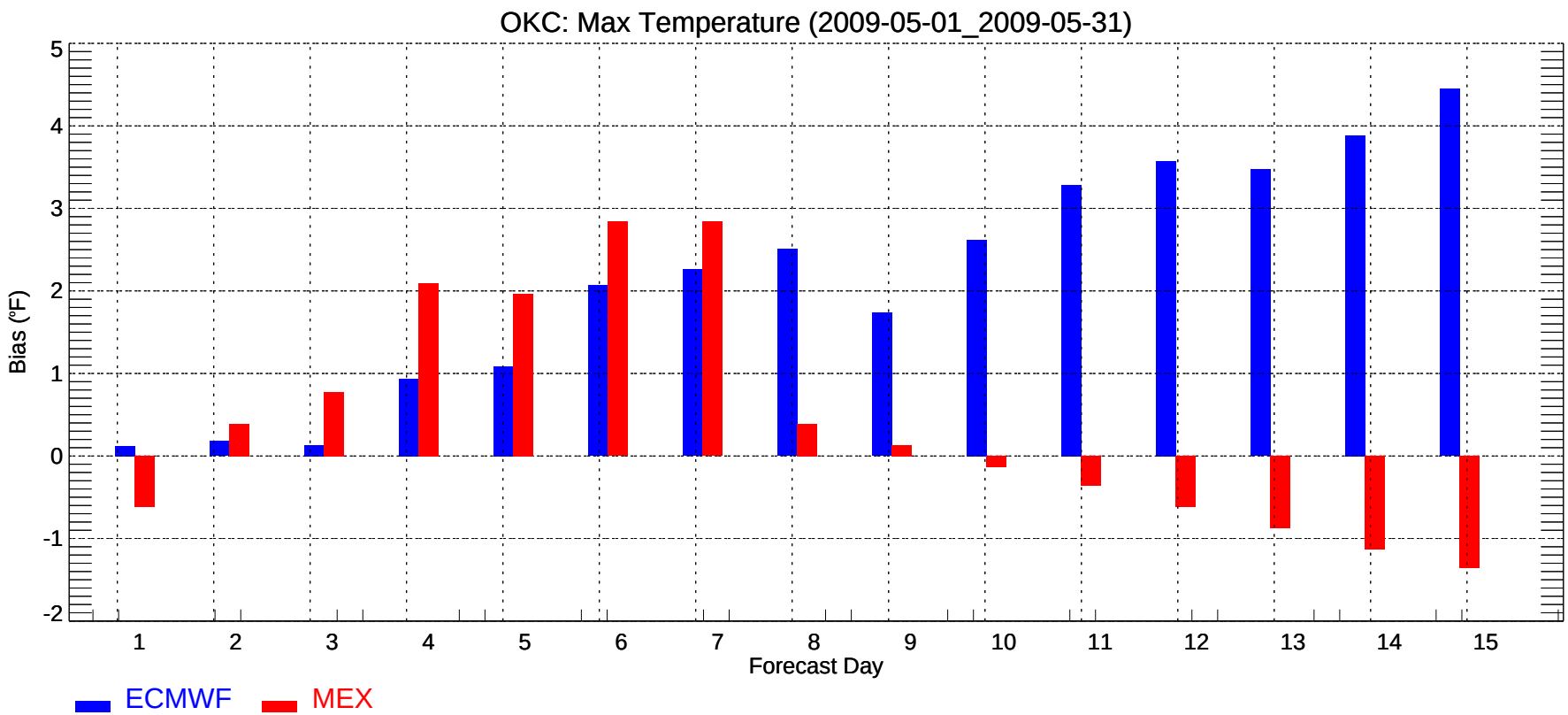
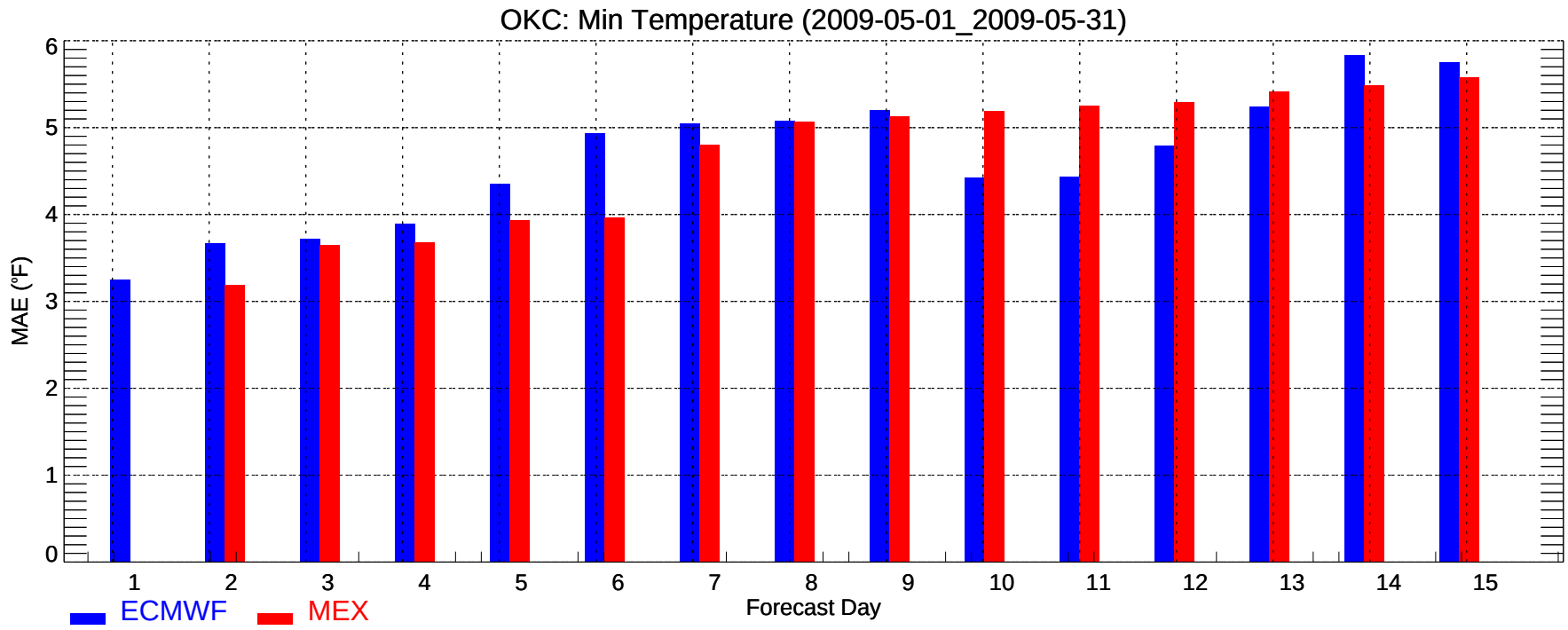
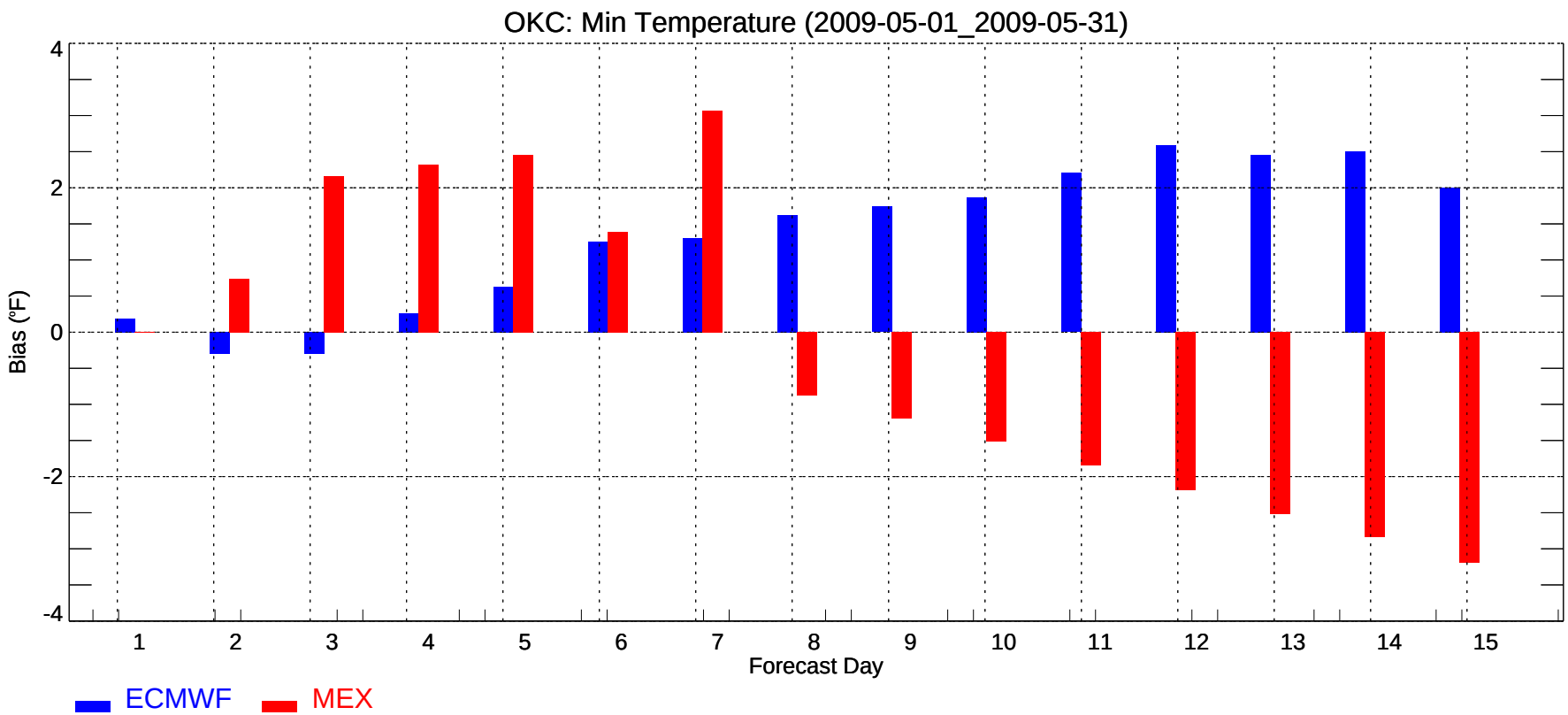
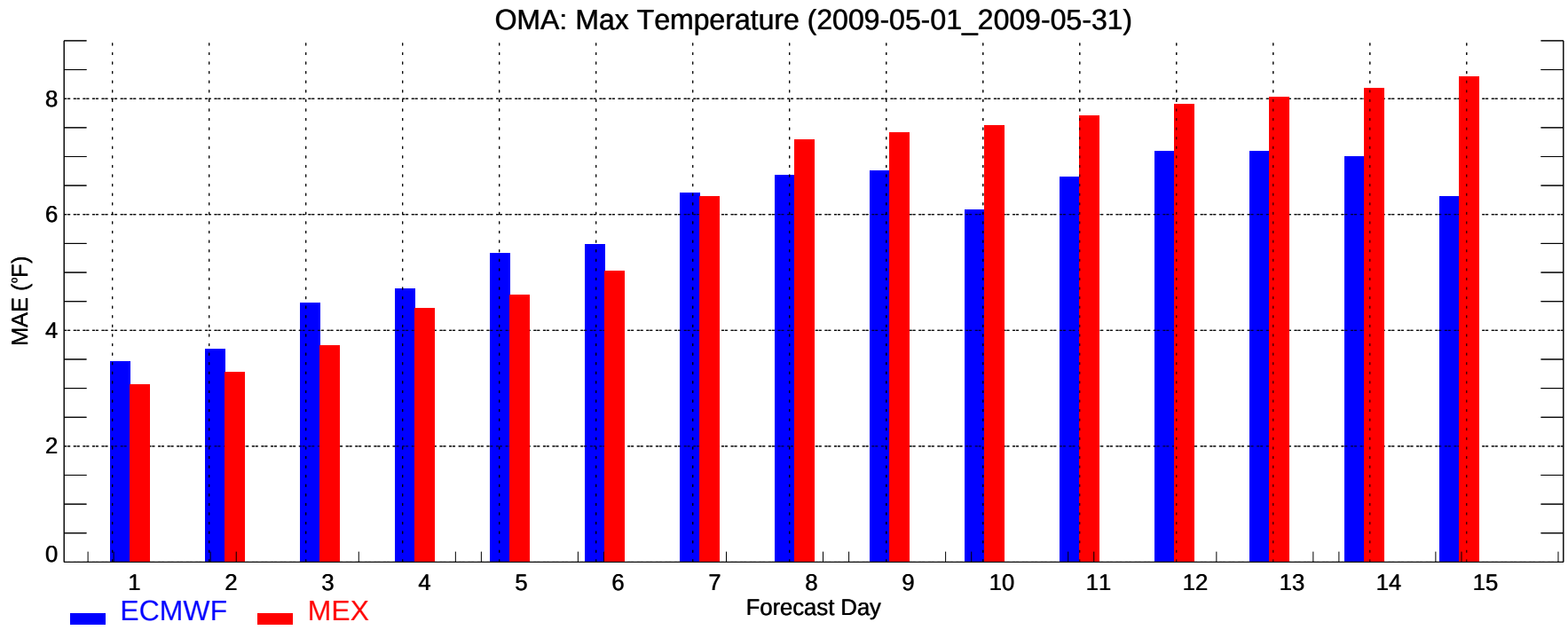
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

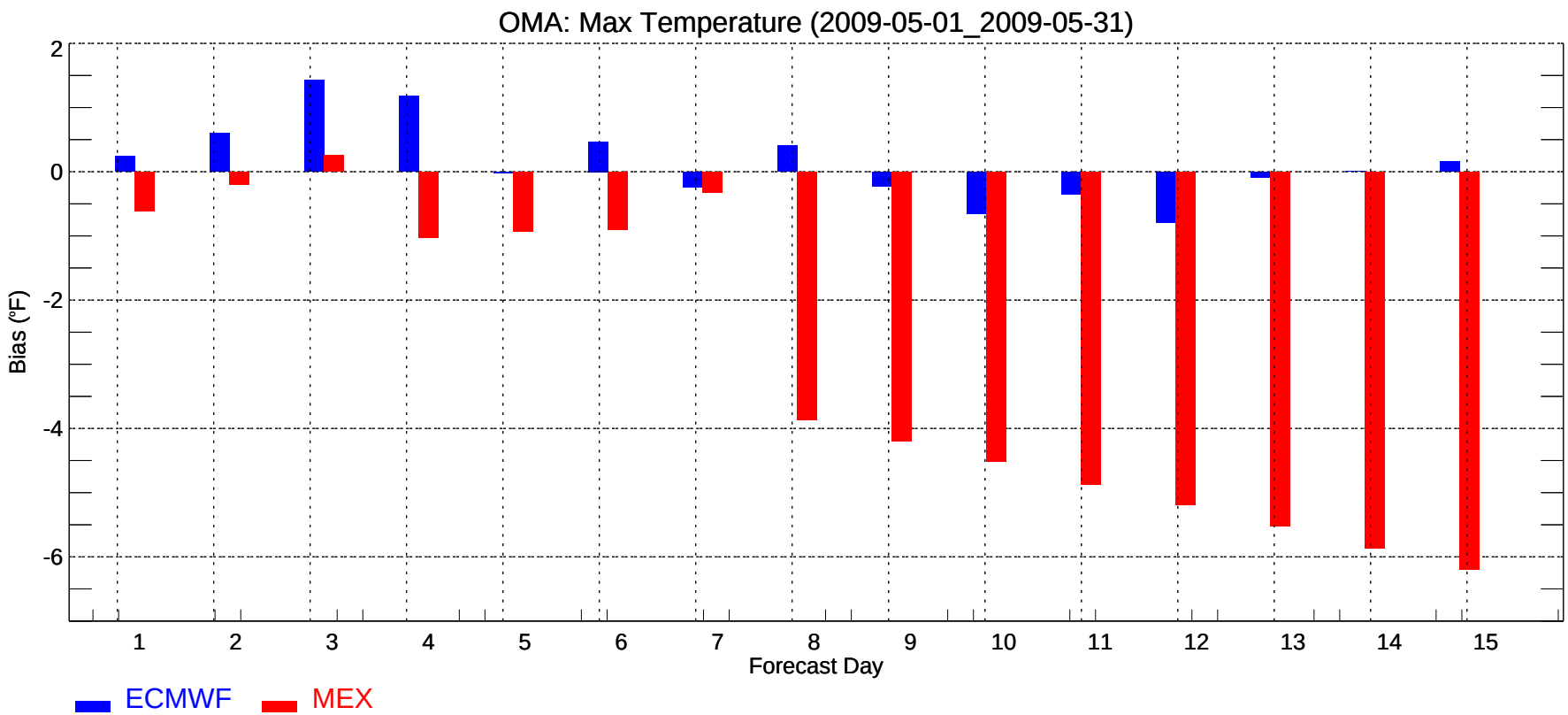

OKC: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OKC: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
5
4
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OKC: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OKC: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OMA: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OMA: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
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7
8
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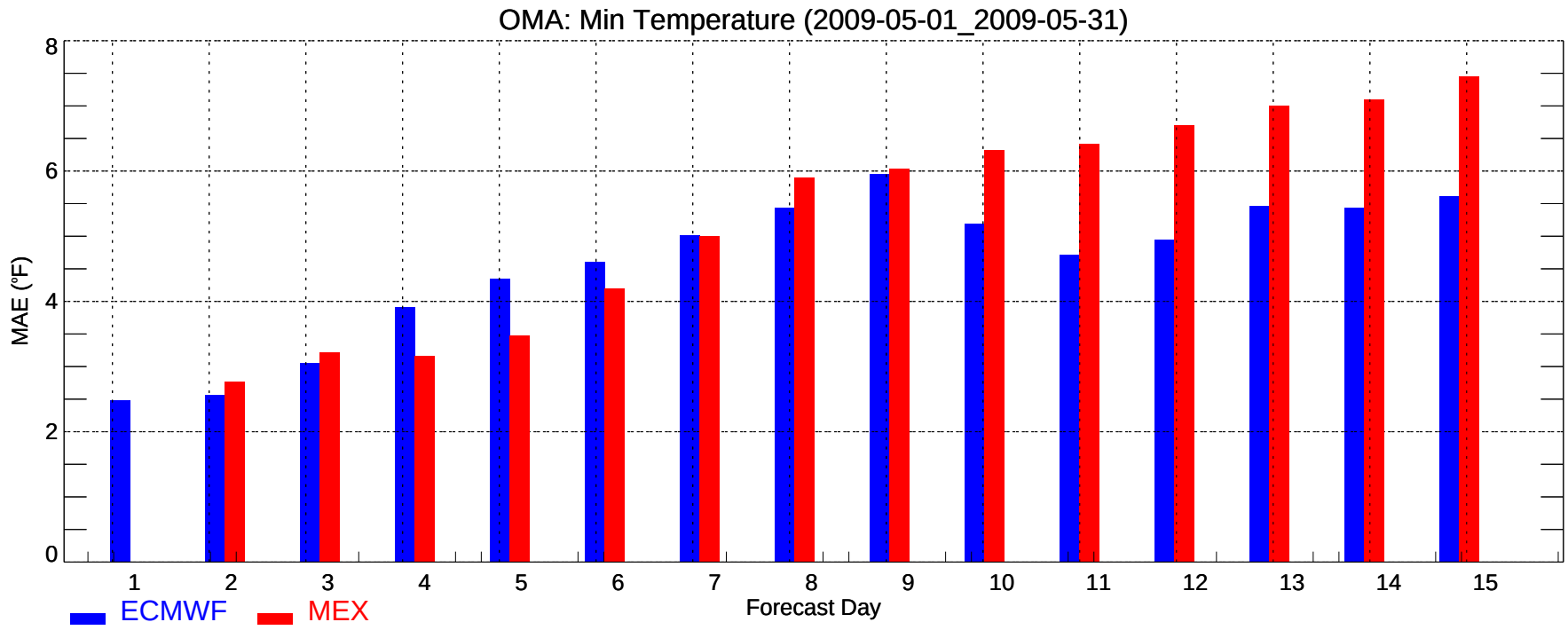
11
12
13
14
15
Forecast Day
ECMWF
MEX


OMA: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
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6
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13
14
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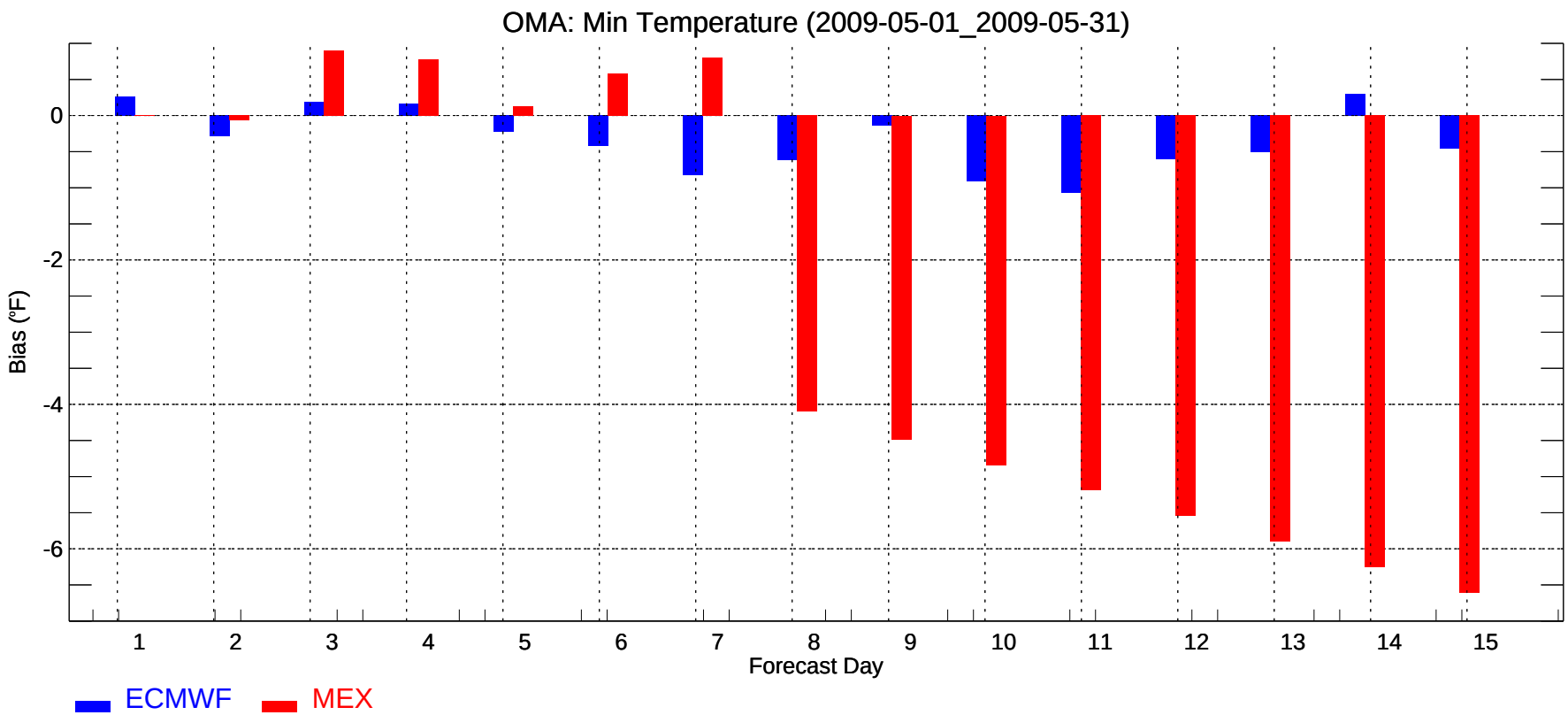
Forecast Day
ECMWF
MEX


OMA: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
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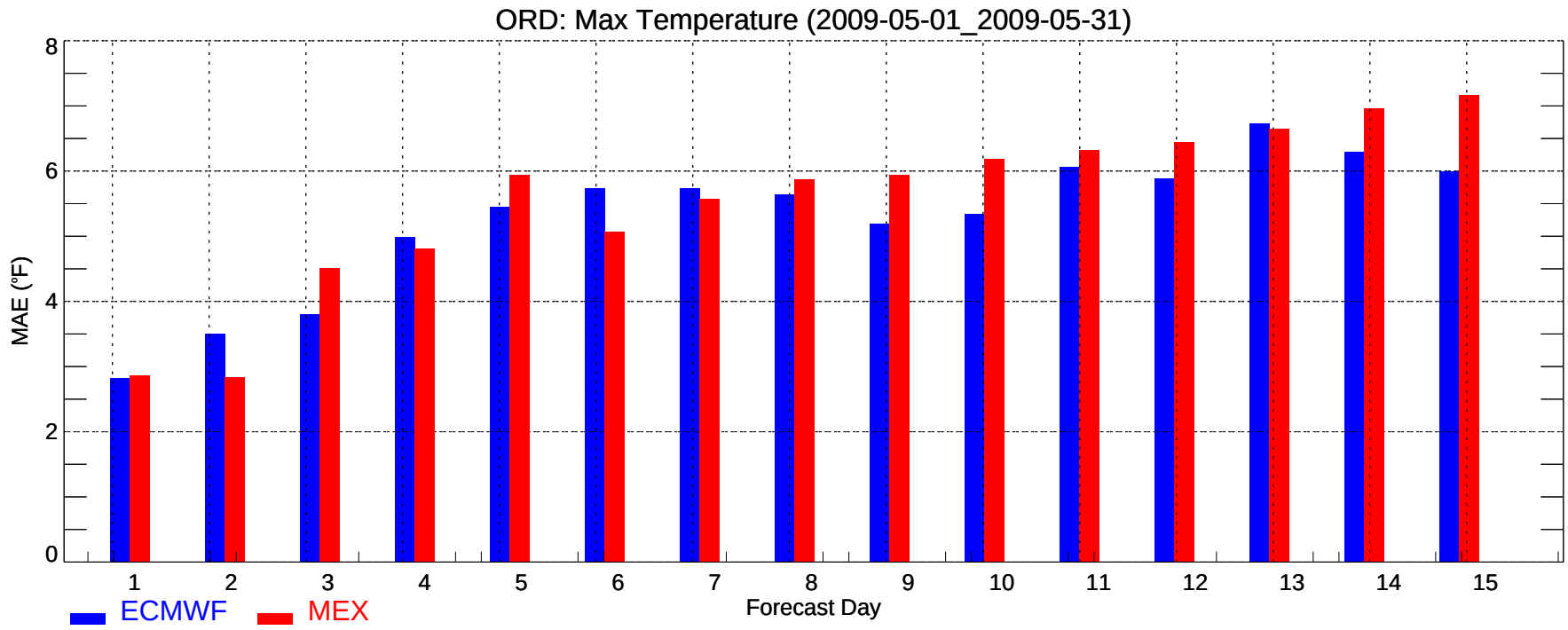
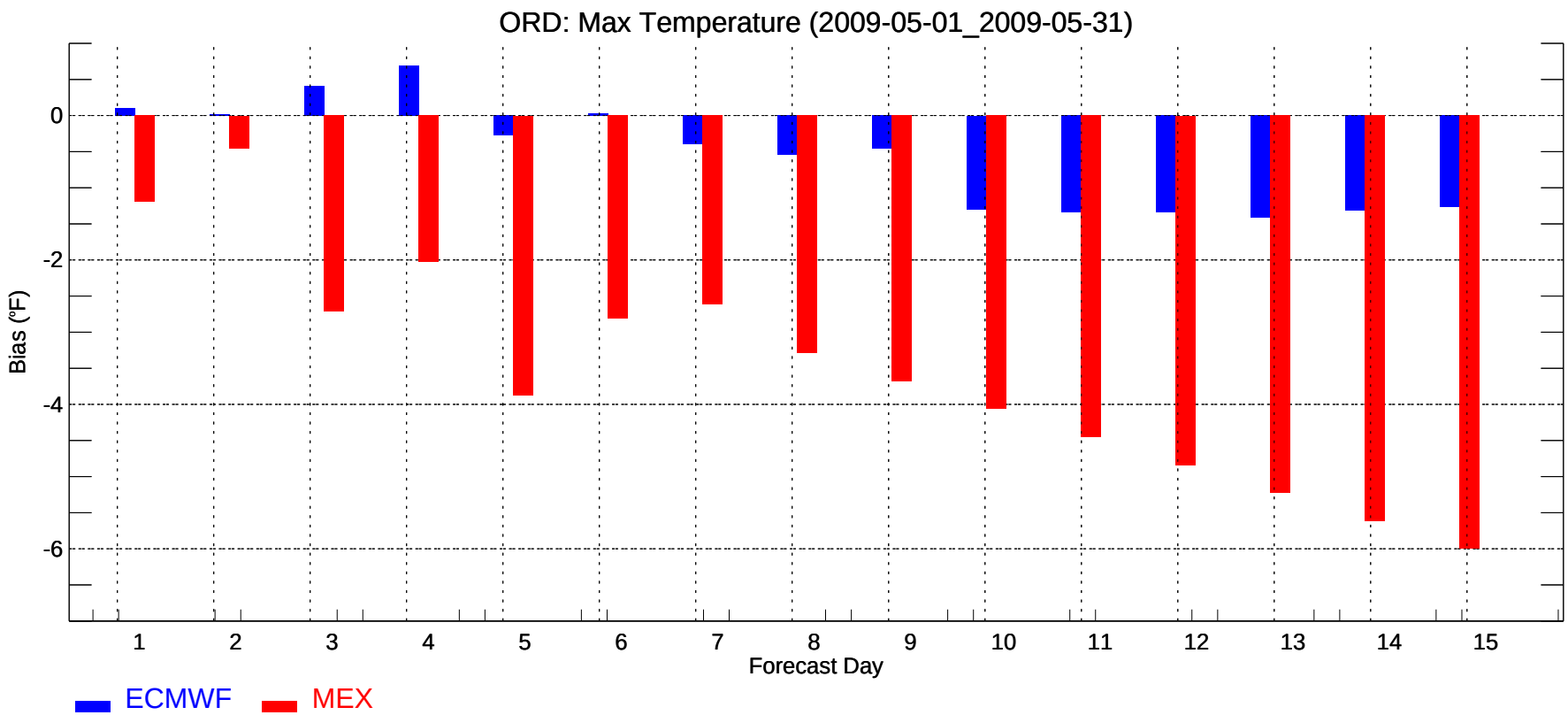
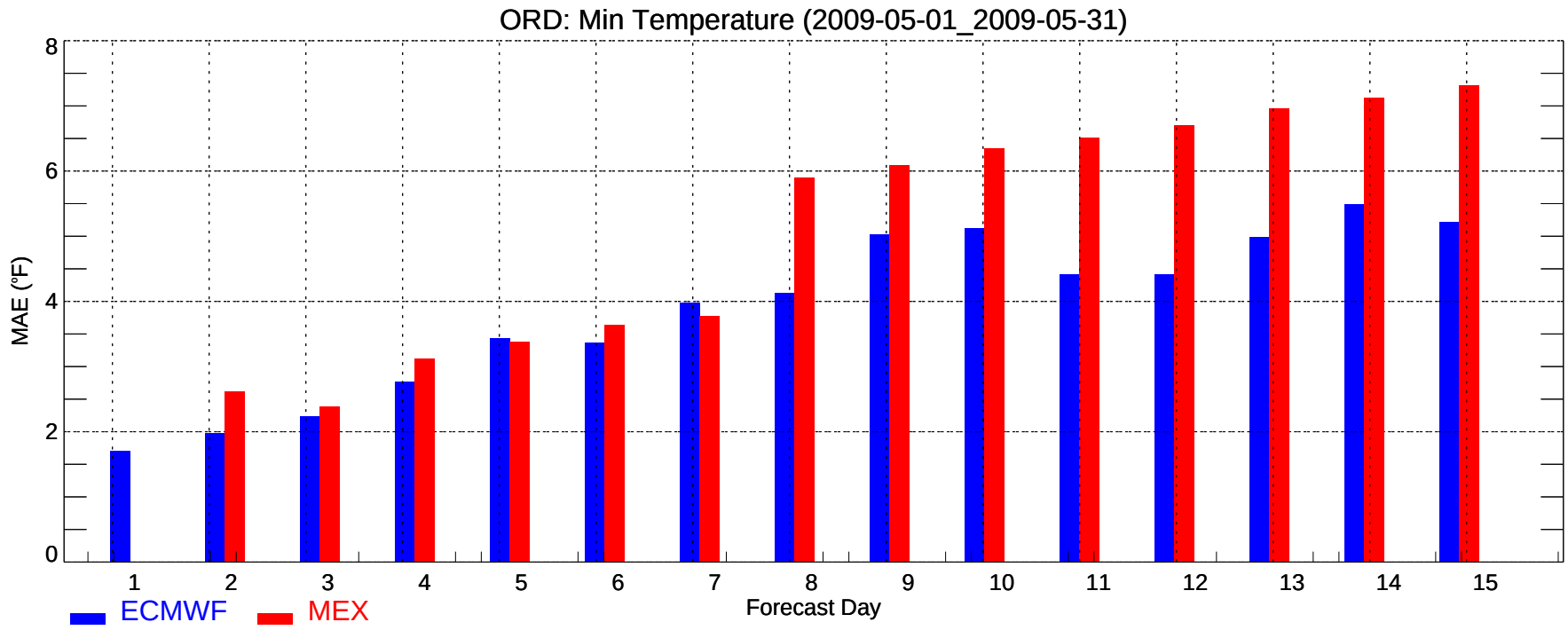
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORD: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORD: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORD: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
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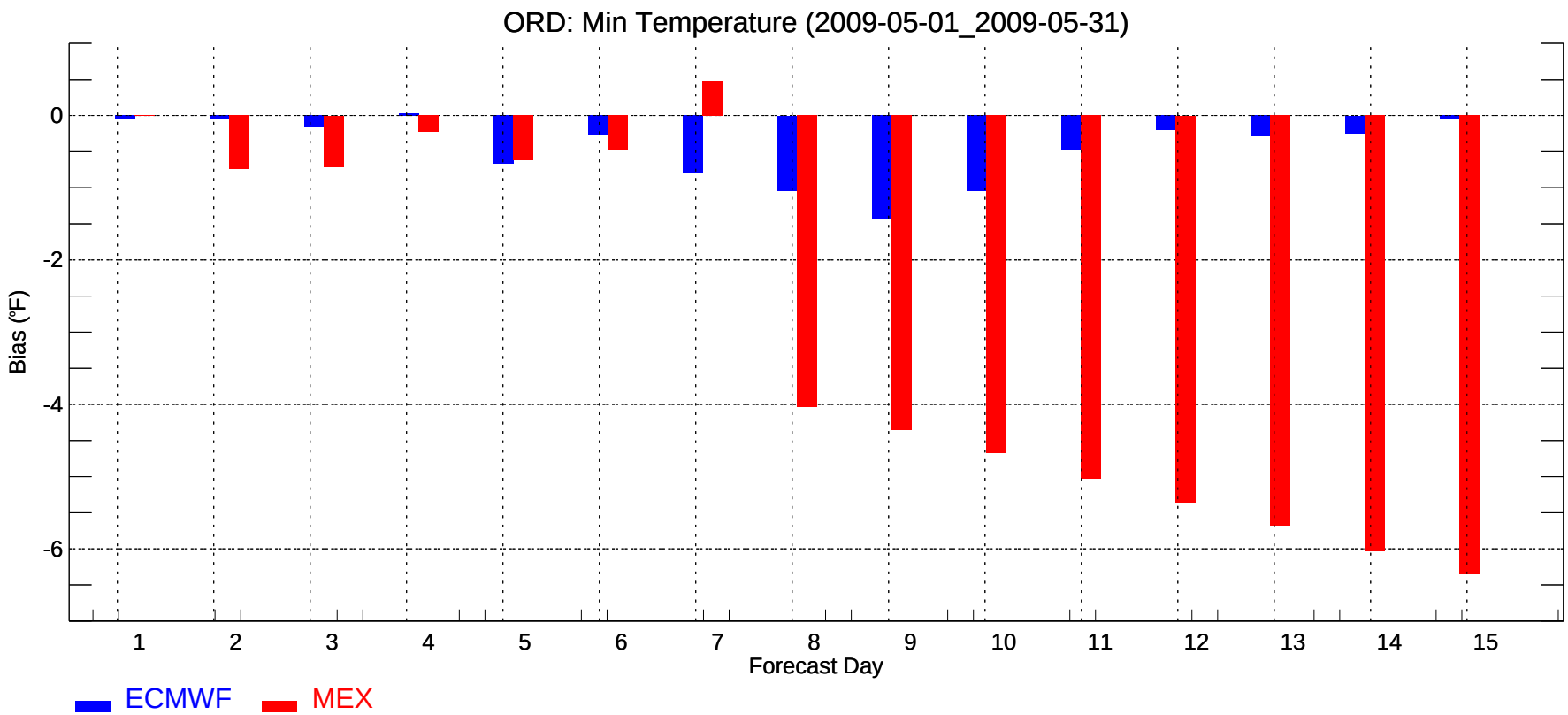
Forecast Day
ECMWF
MEX


ORD: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
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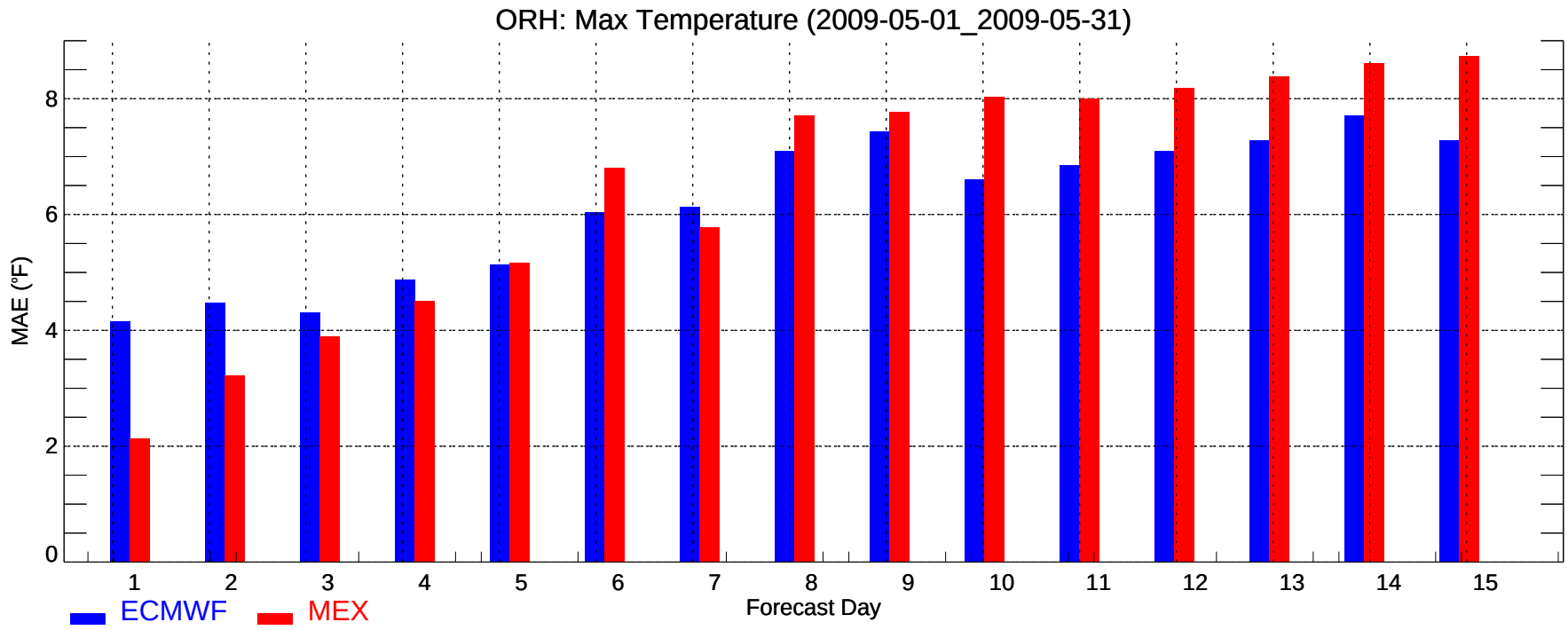
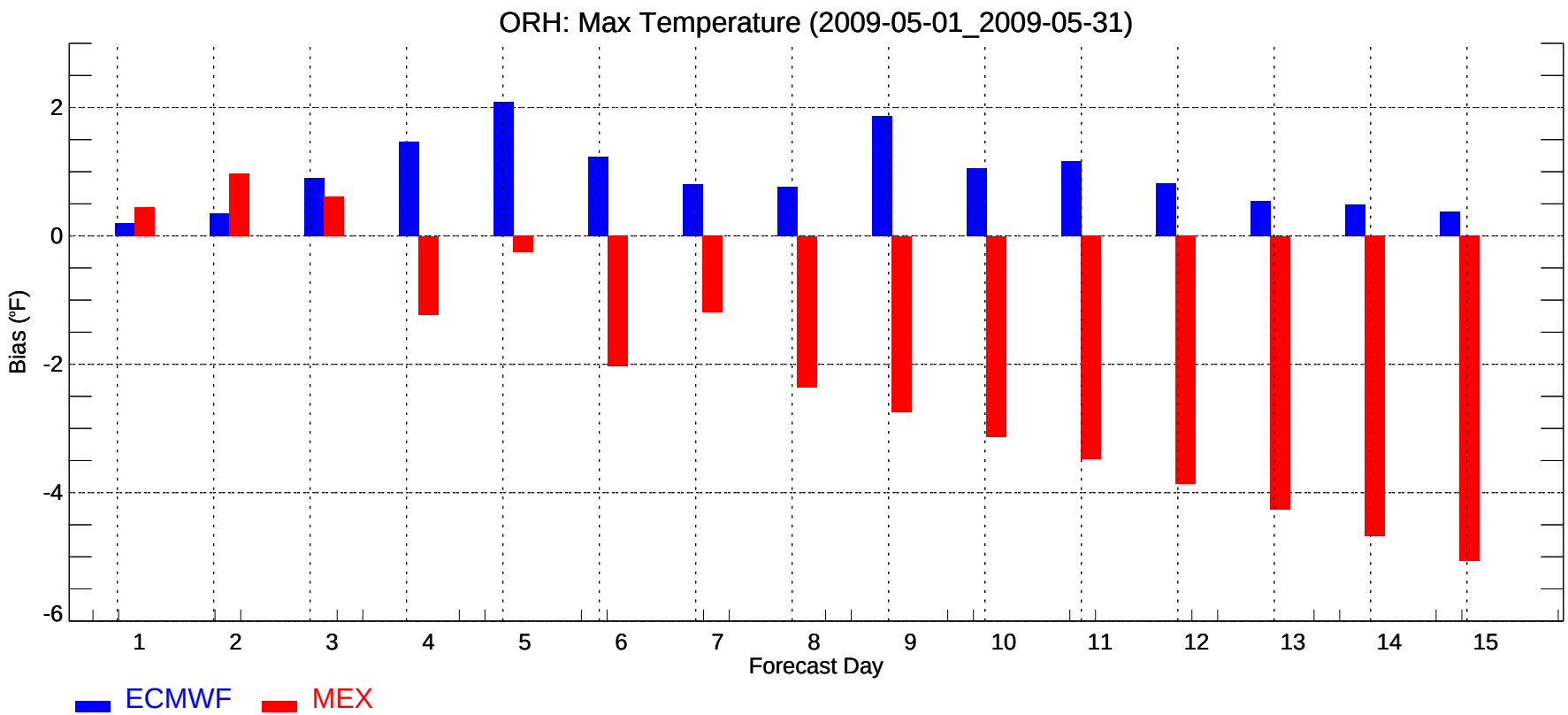
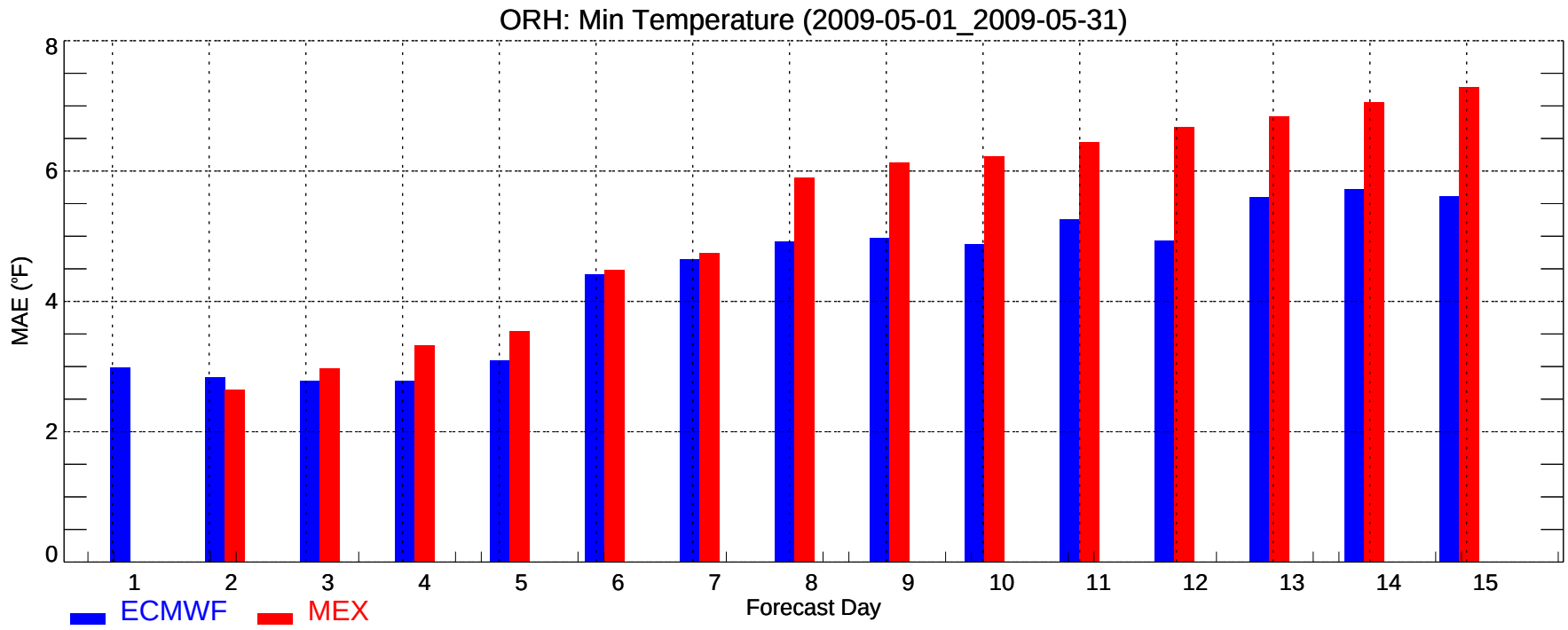
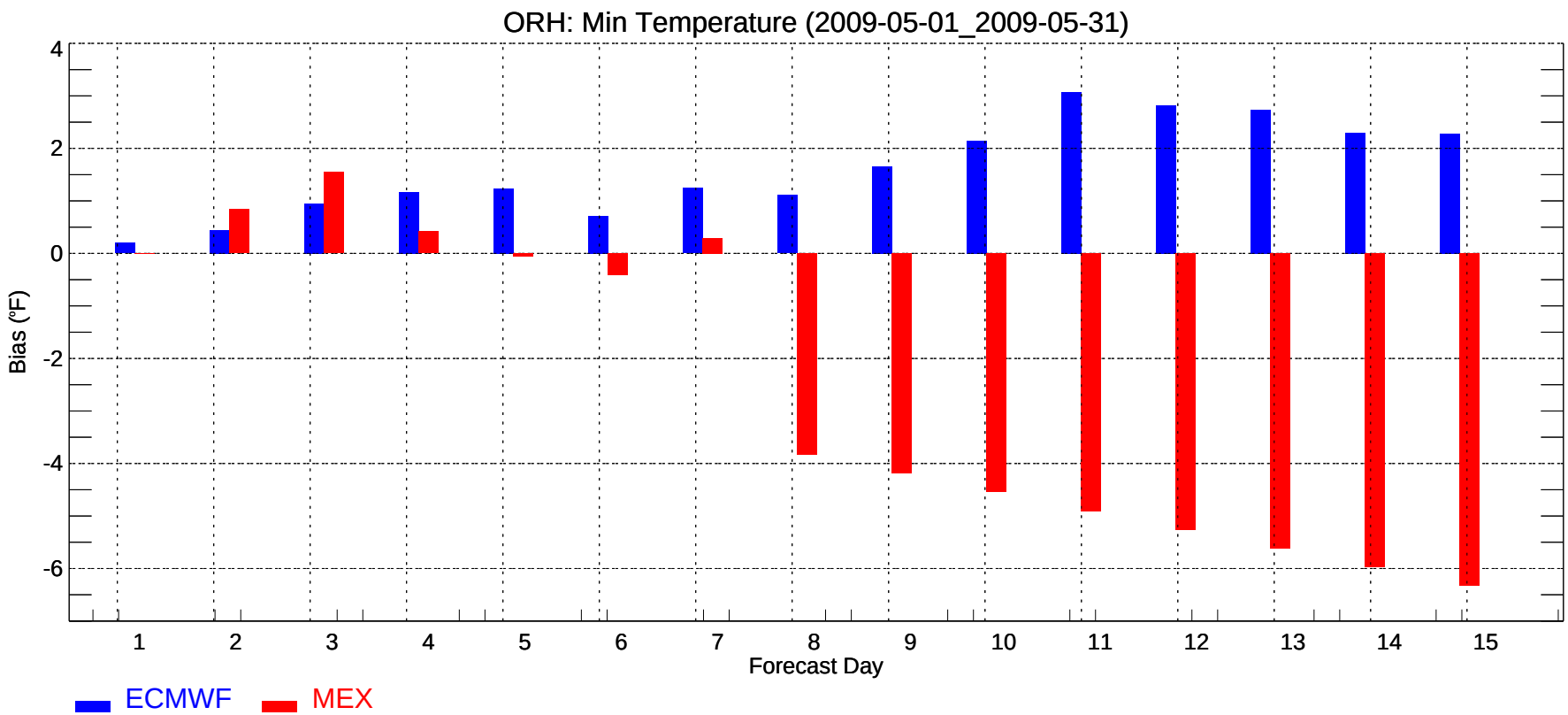
Forecast Day
ECMWF
MEX


ORH: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORH: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORH: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORH: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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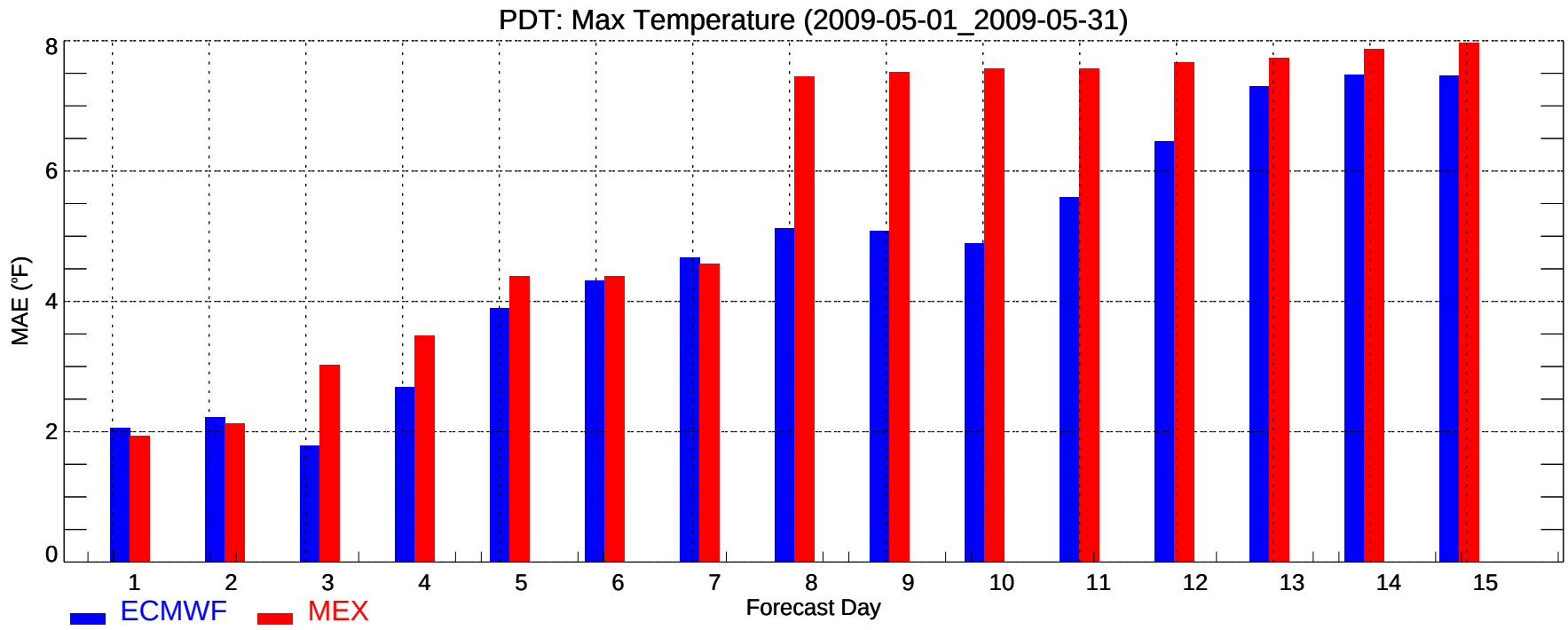
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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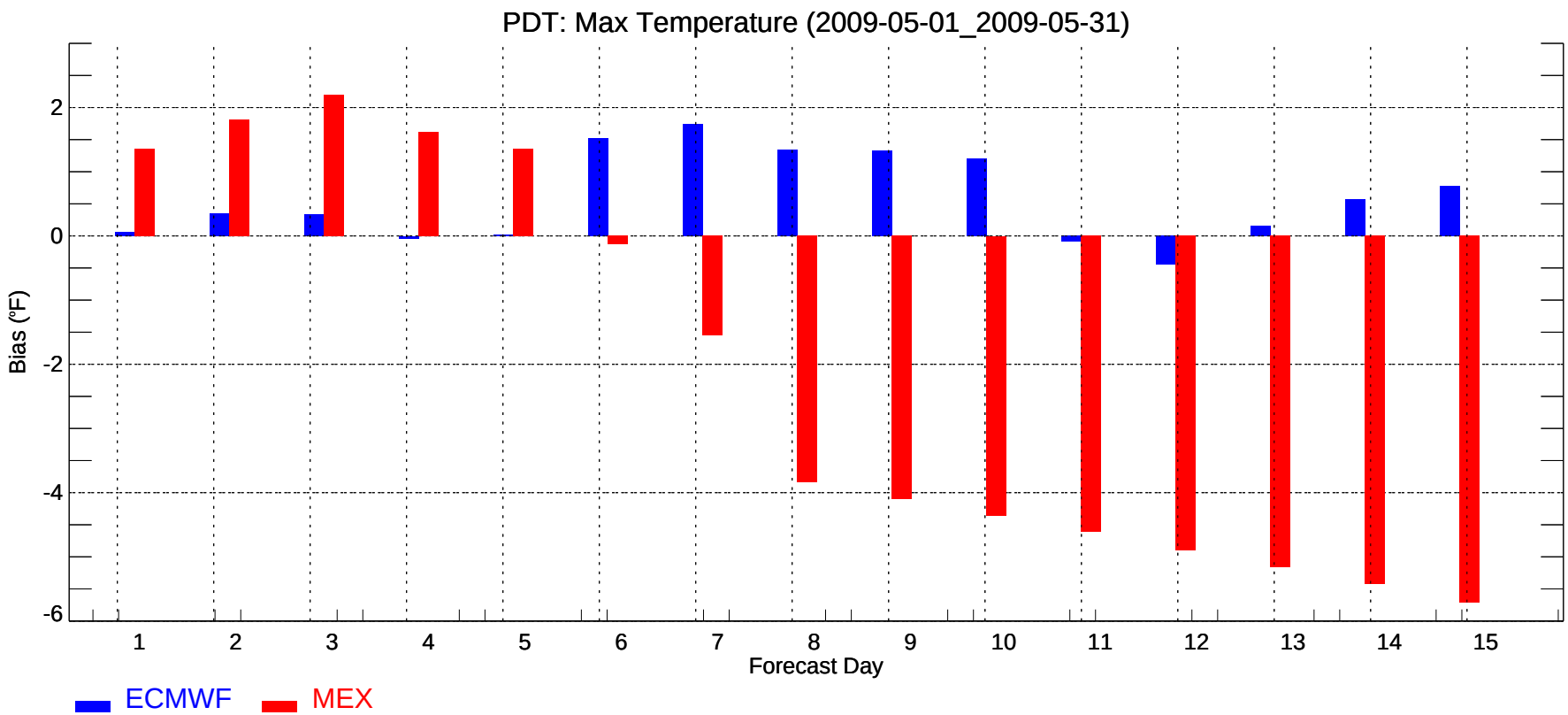
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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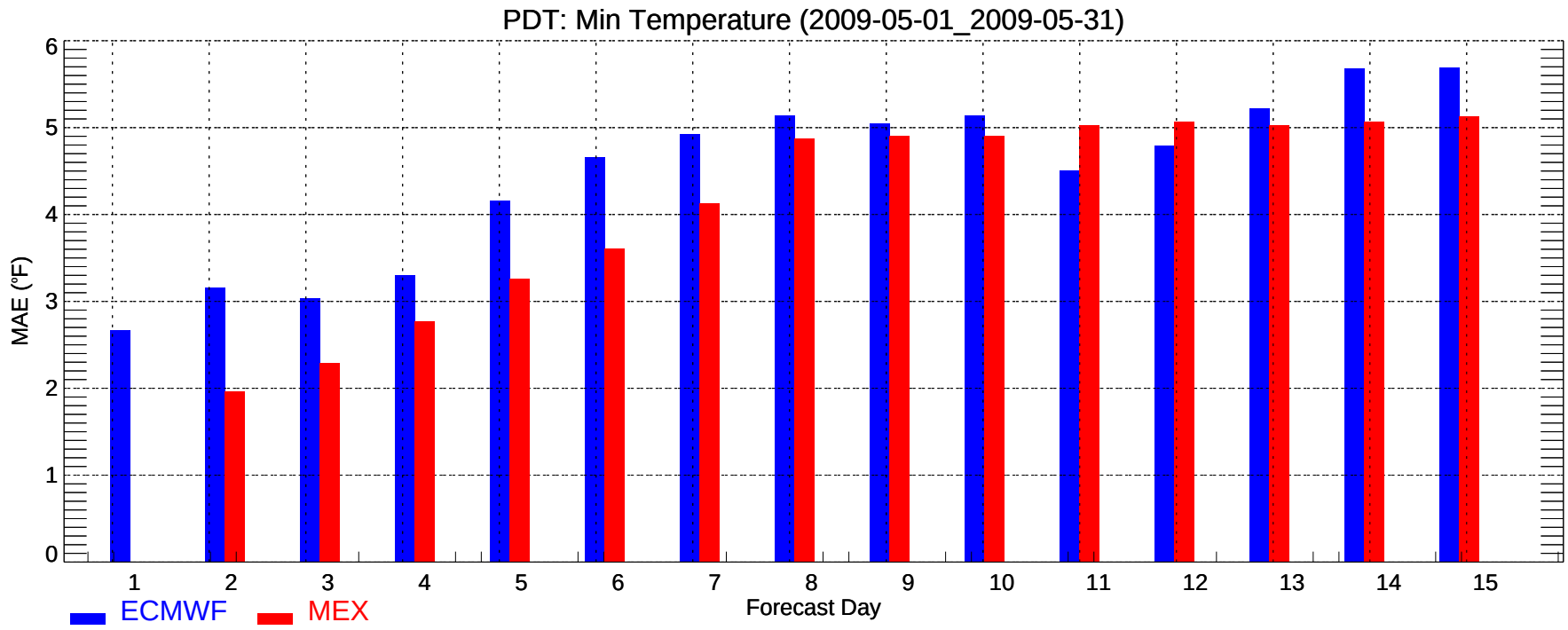
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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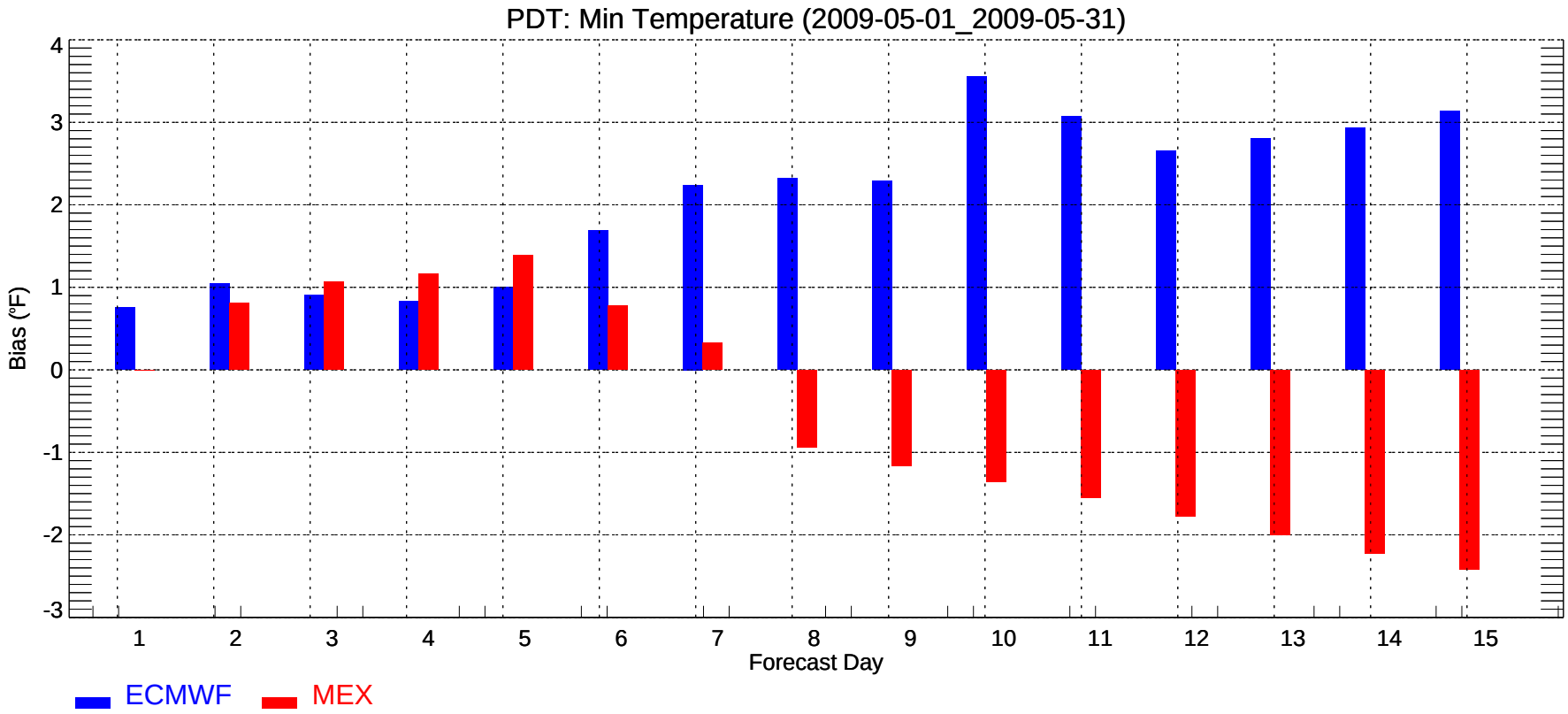
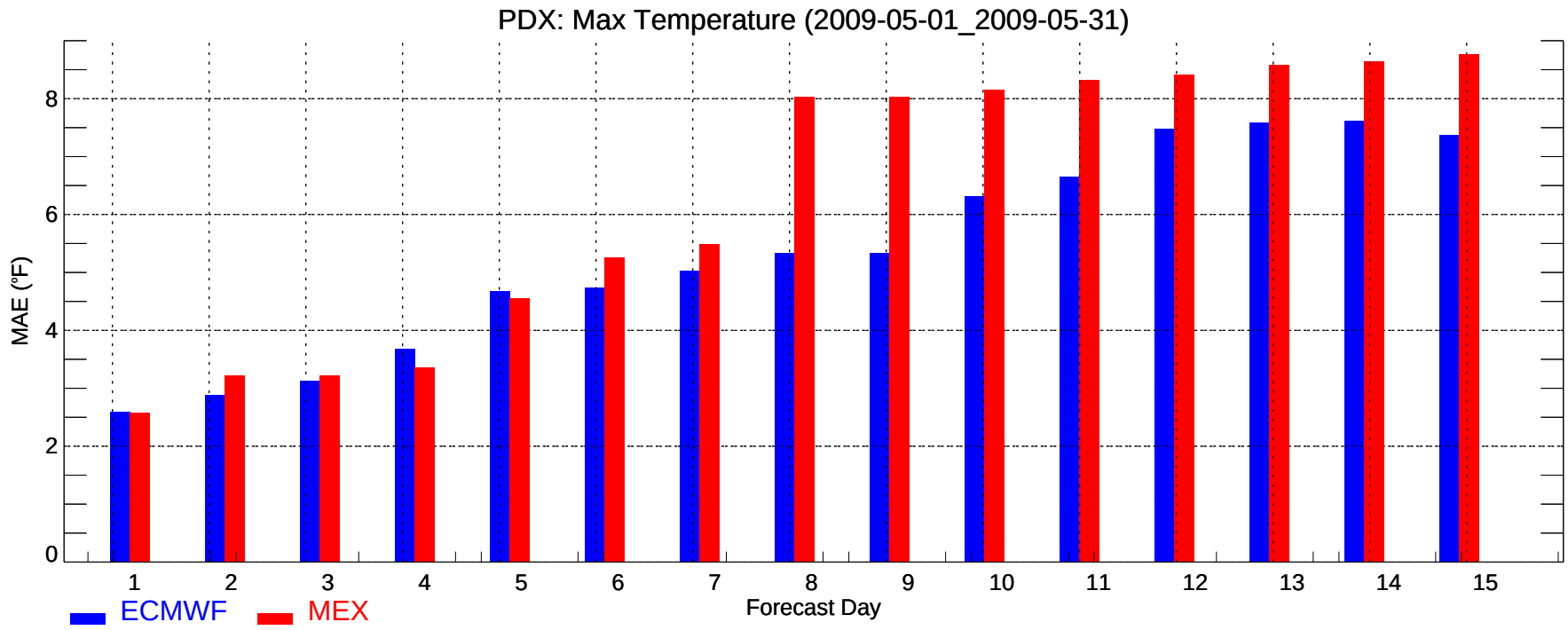
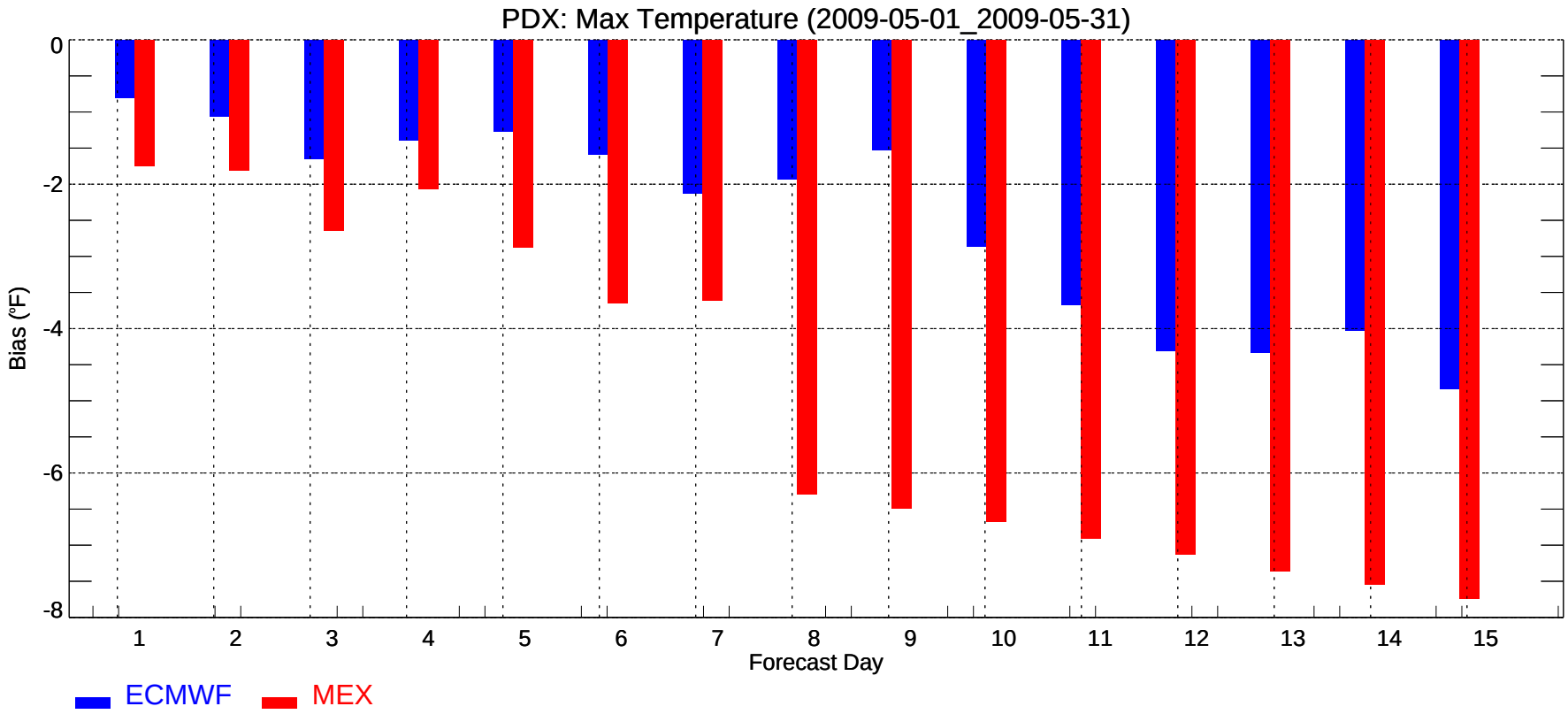
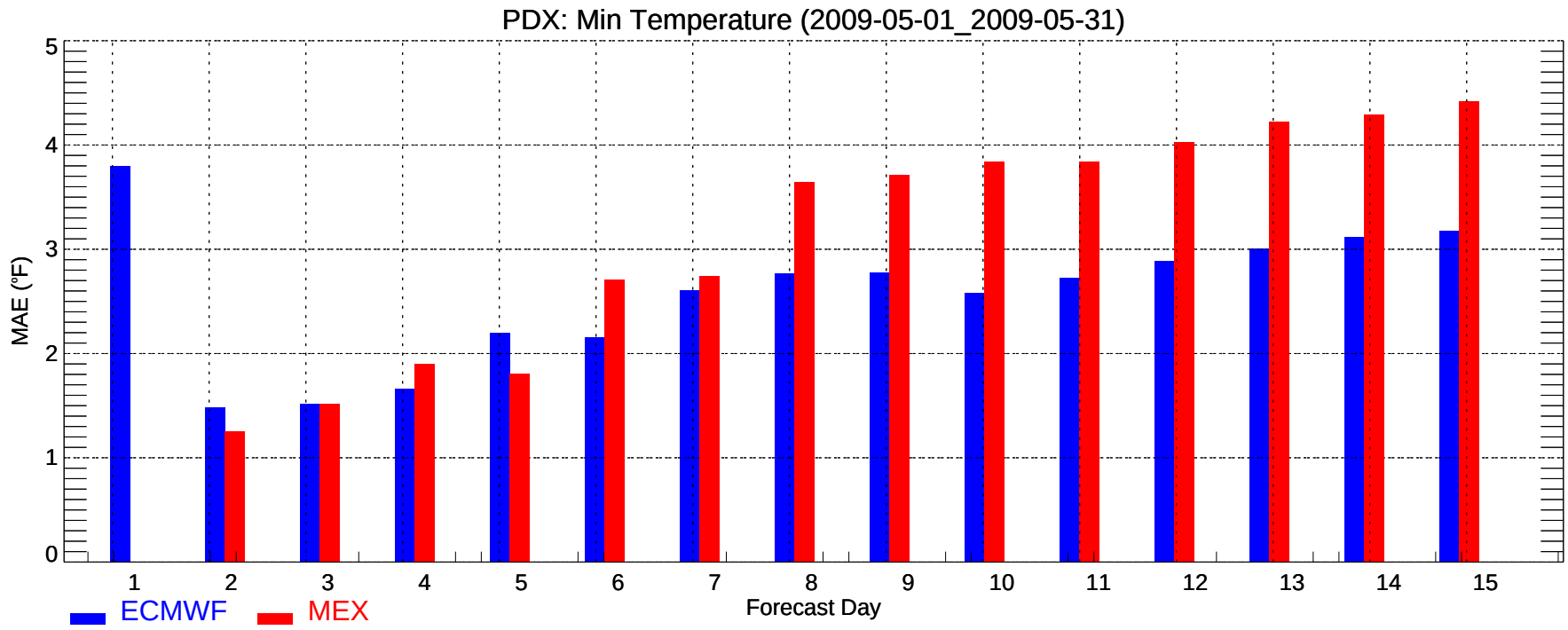
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDX: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDX: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDX: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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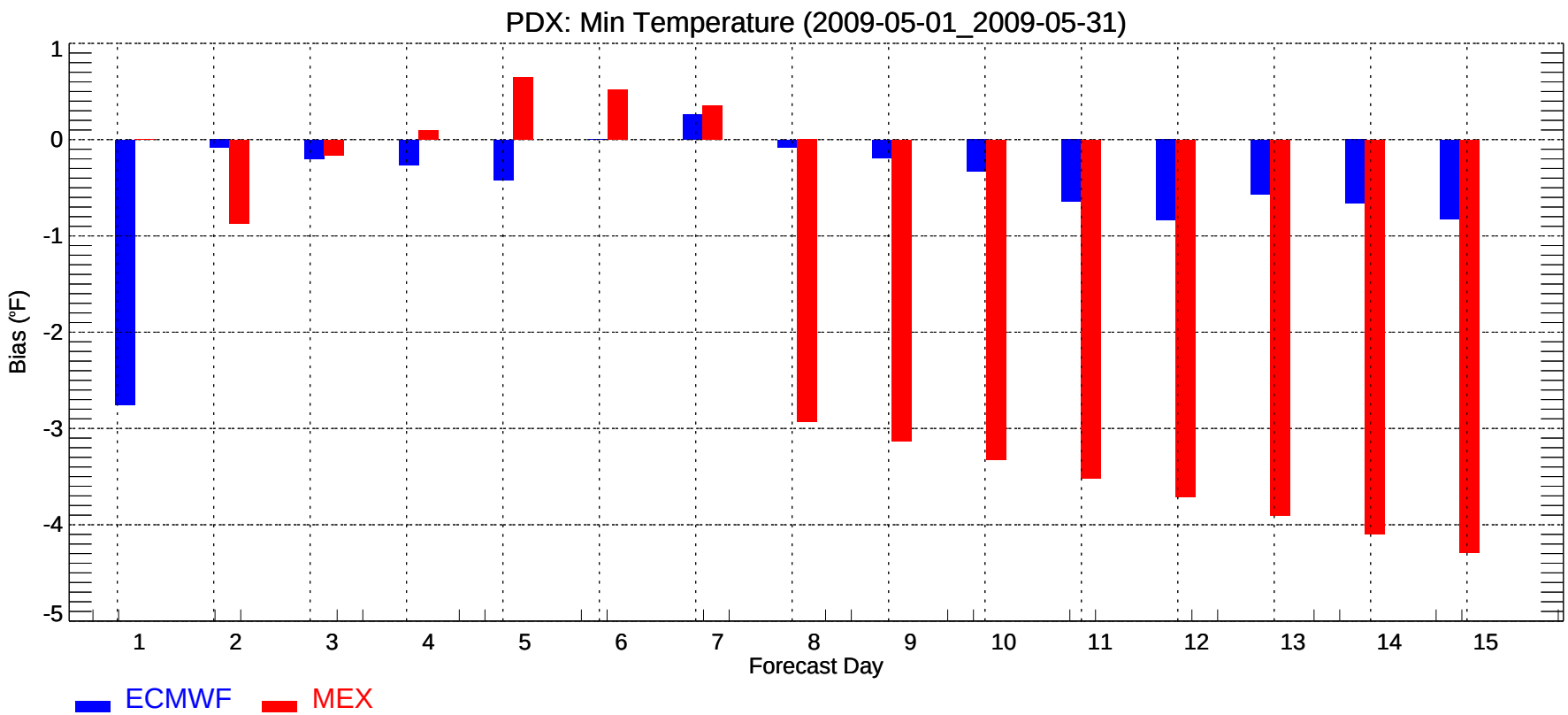
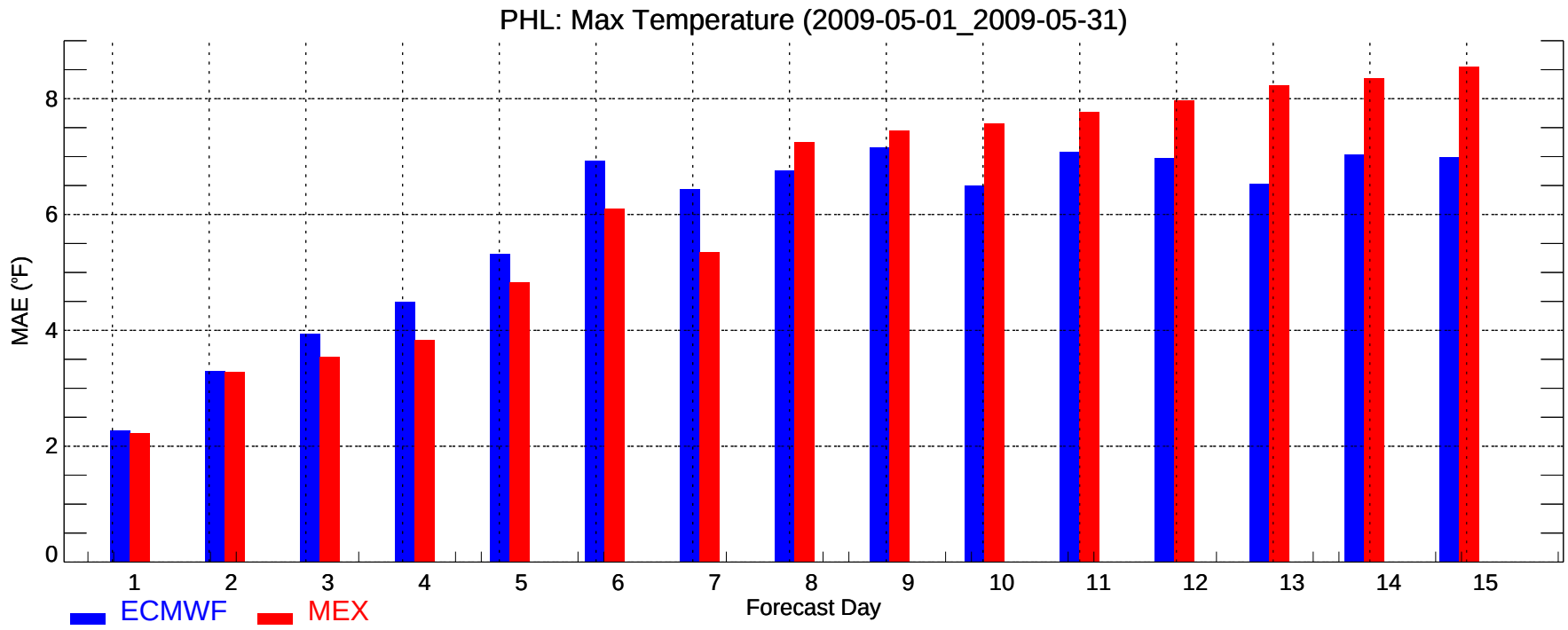
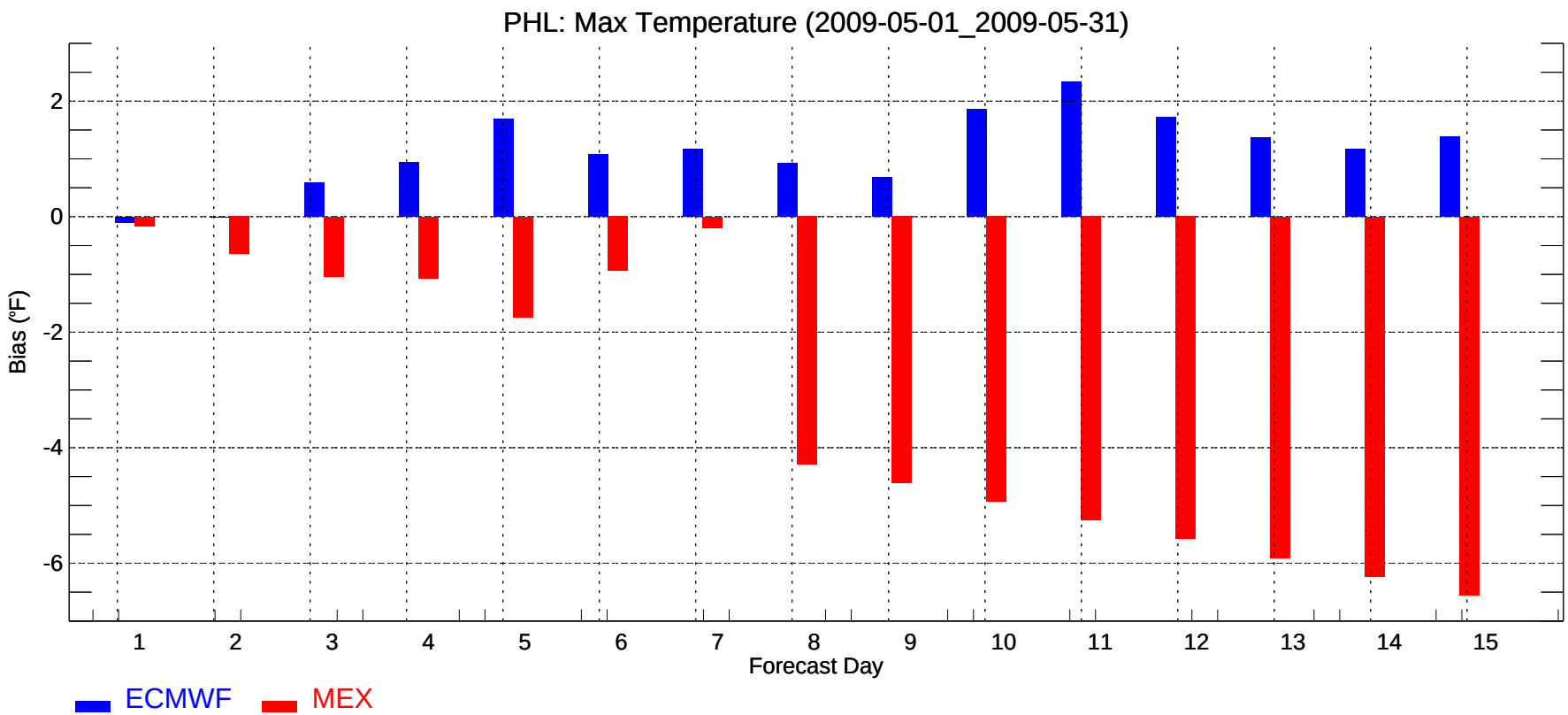
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDX: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PHL: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PHL: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
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4
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6
7
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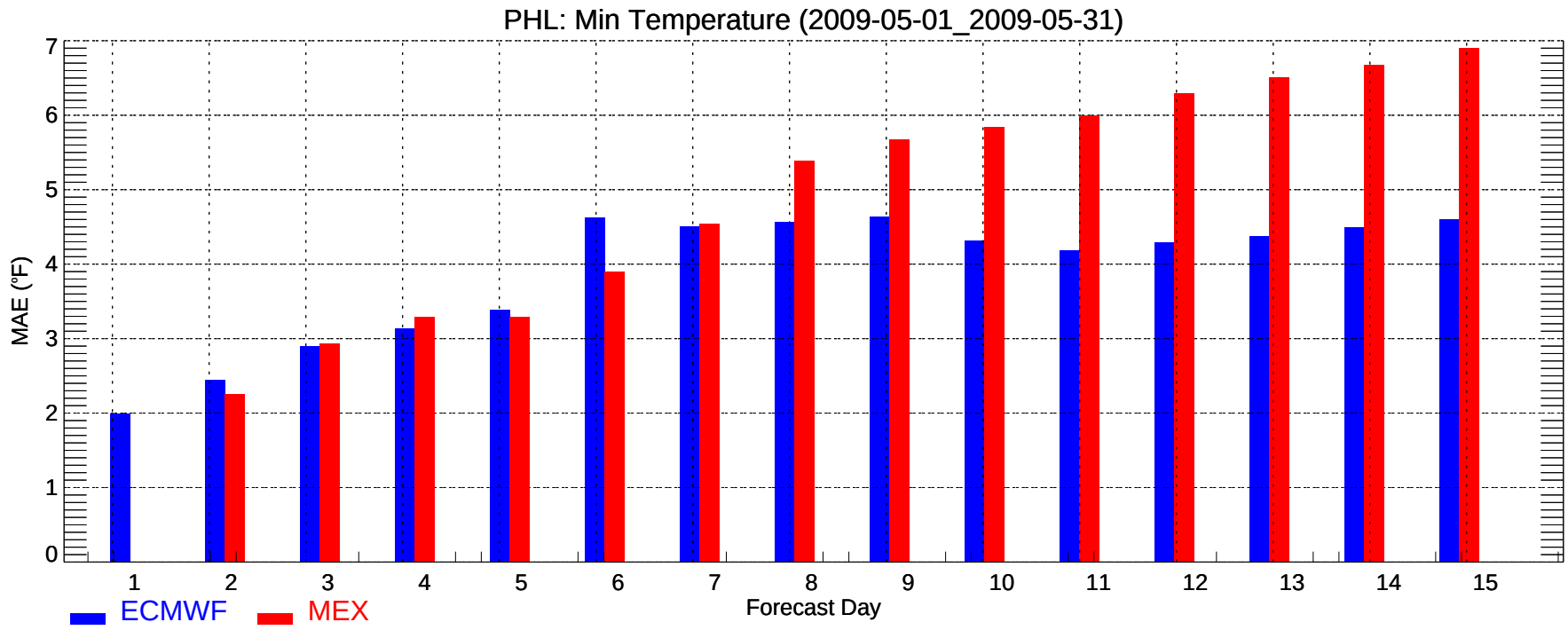
13
14
15
Forecast Day
ECMWF
MEX


PHL: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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6
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8
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13
14
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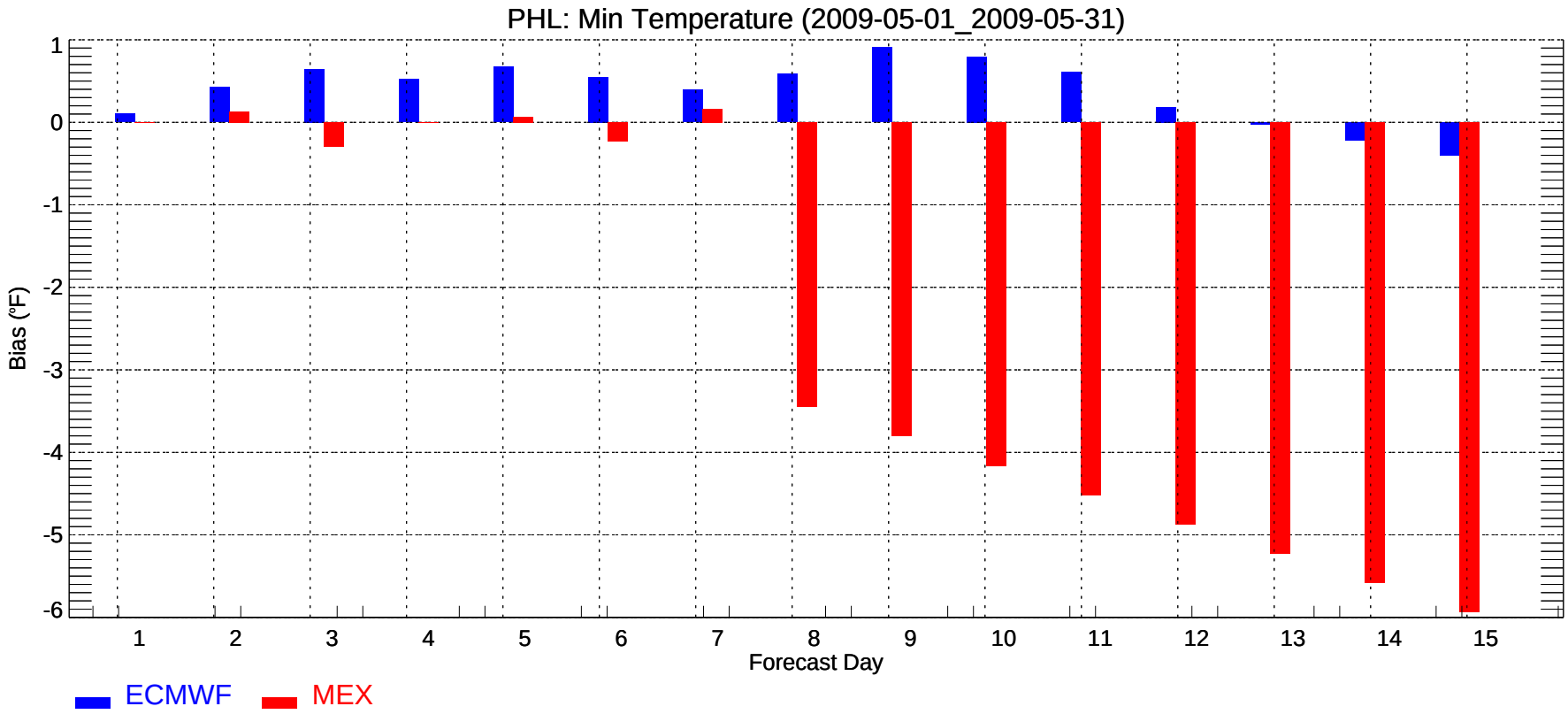
Forecast Day
ECMWF
MEX


PHL: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
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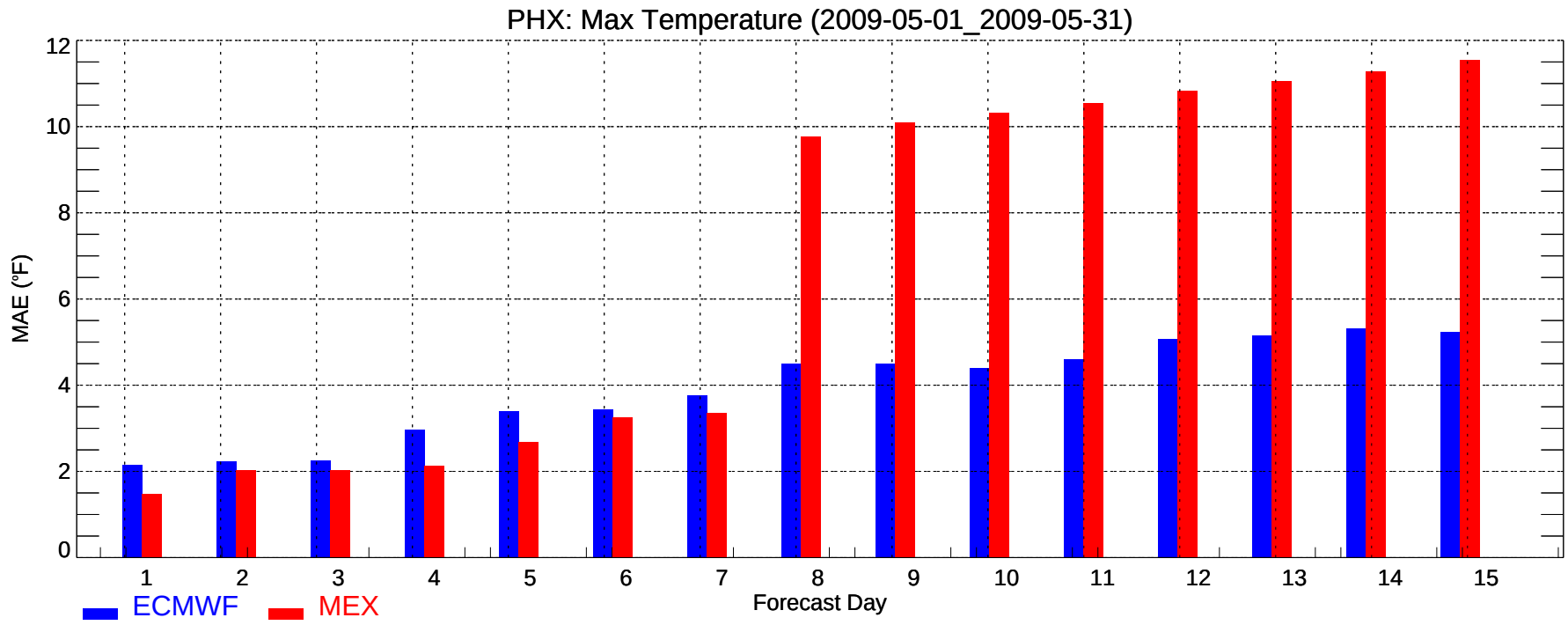
Forecast Day
ECMWF
MEX


PHX: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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8
10
12
1
2
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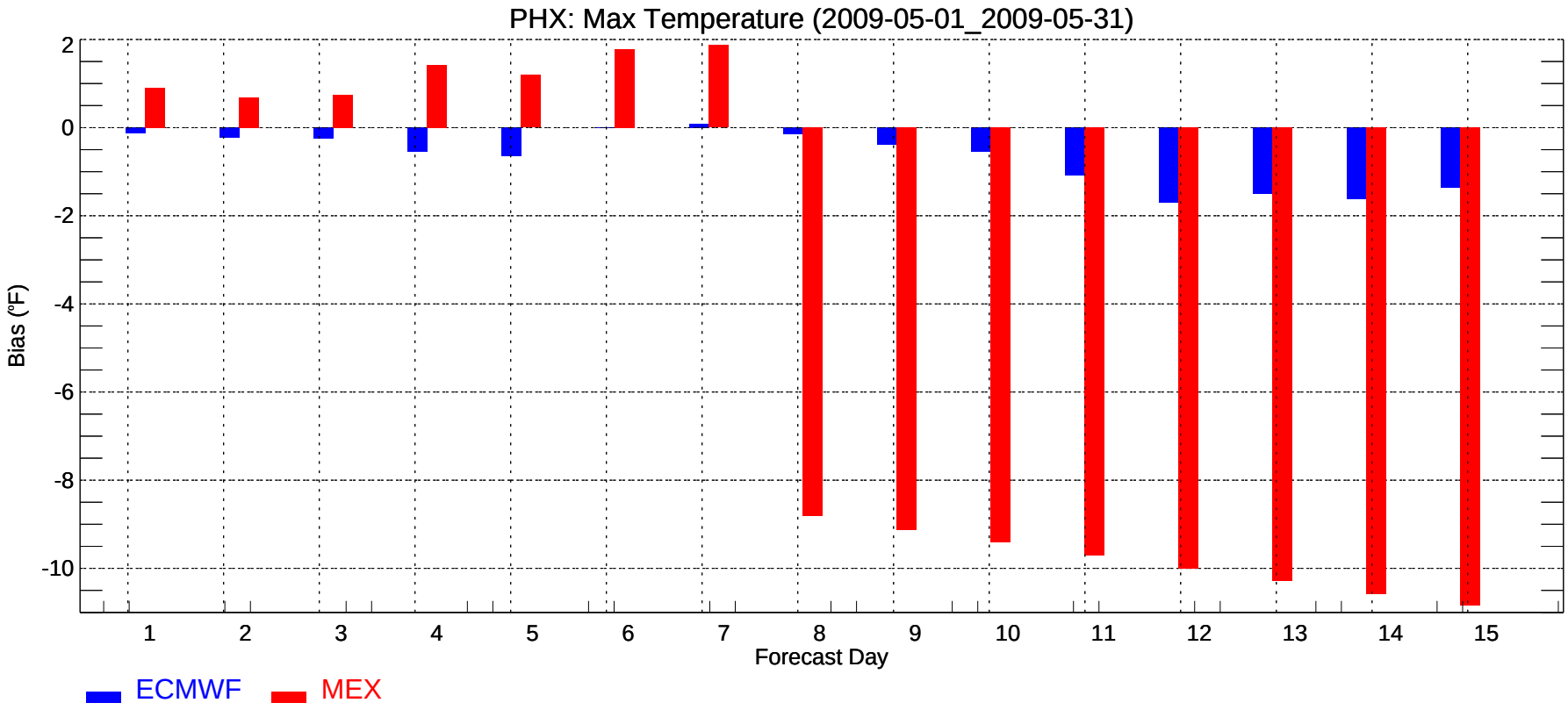
Forecast Day
ECMWF
MEX


PHX: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
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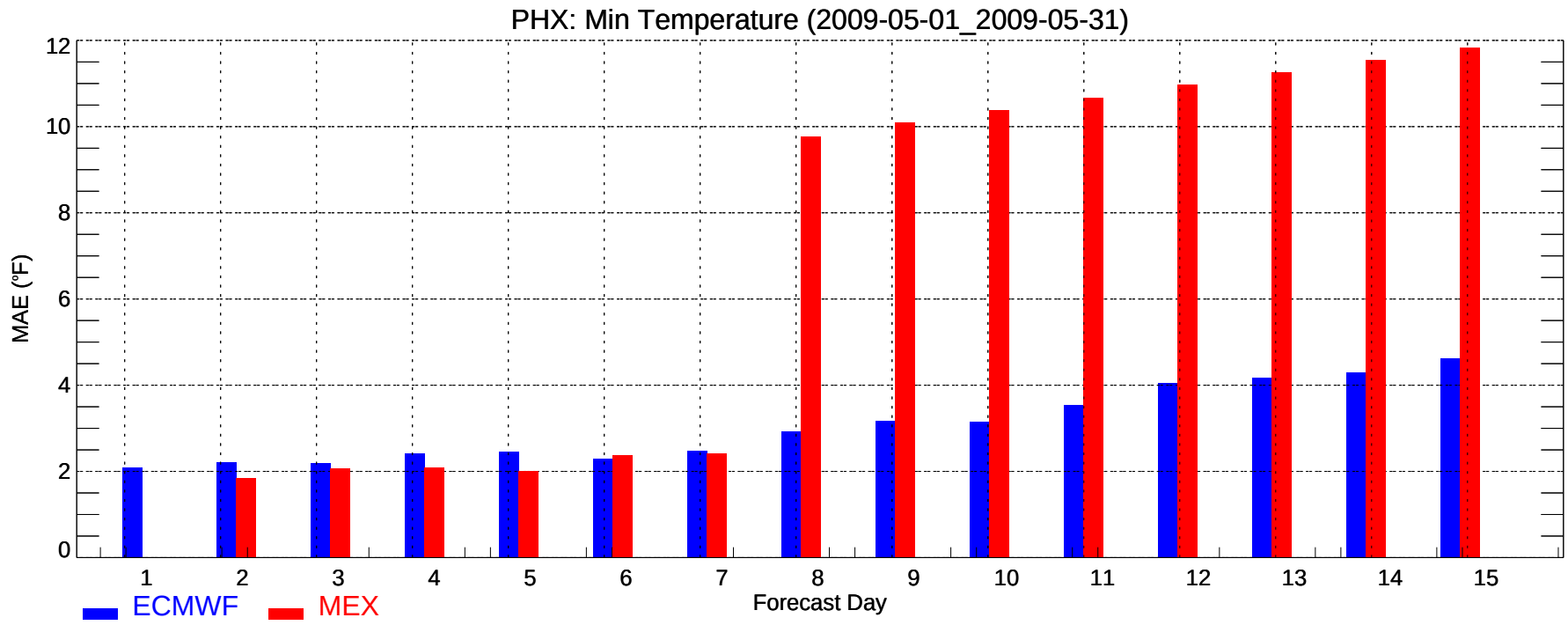
Forecast Day
ECMWF
MEX


PHX: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
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14
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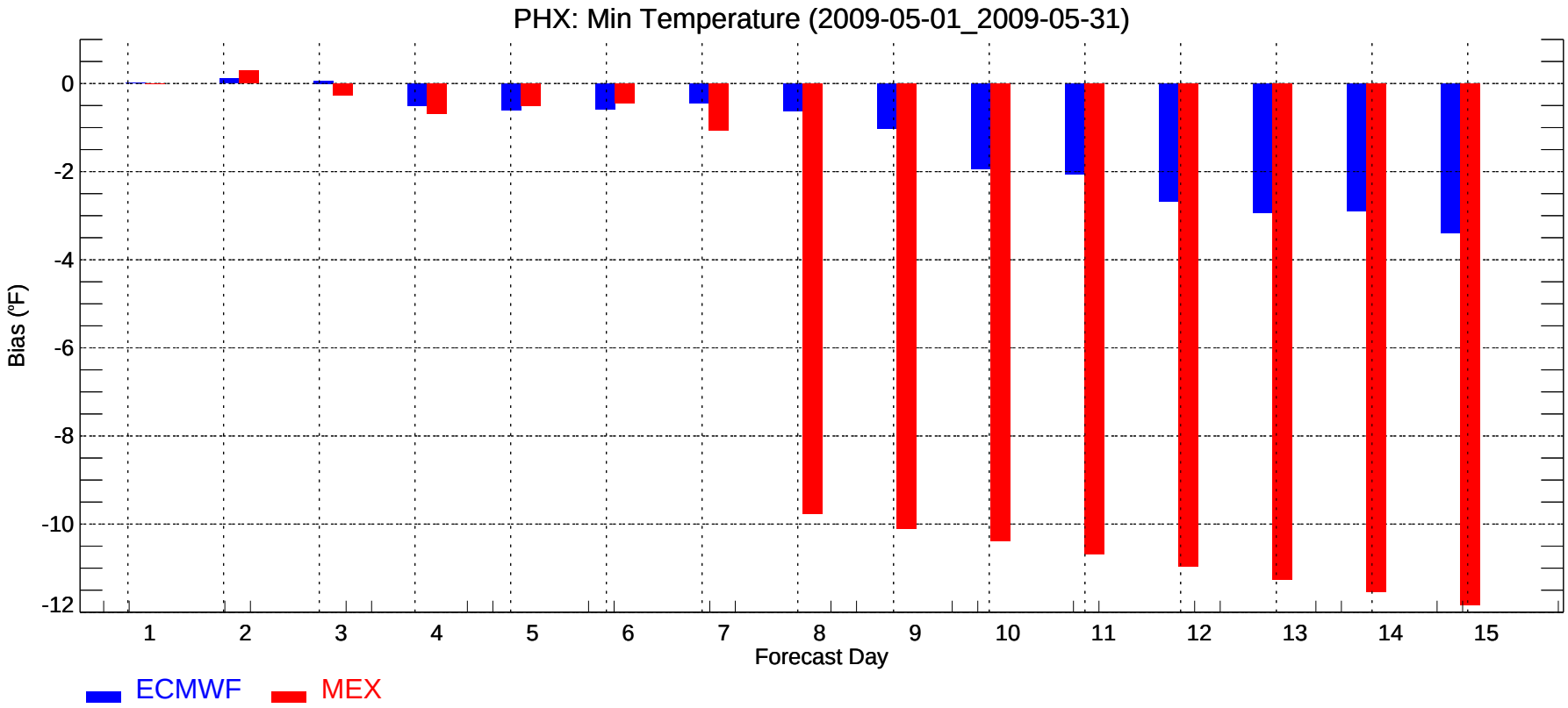
Forecast Day
ECMWF
MEX


PHX: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
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7
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14
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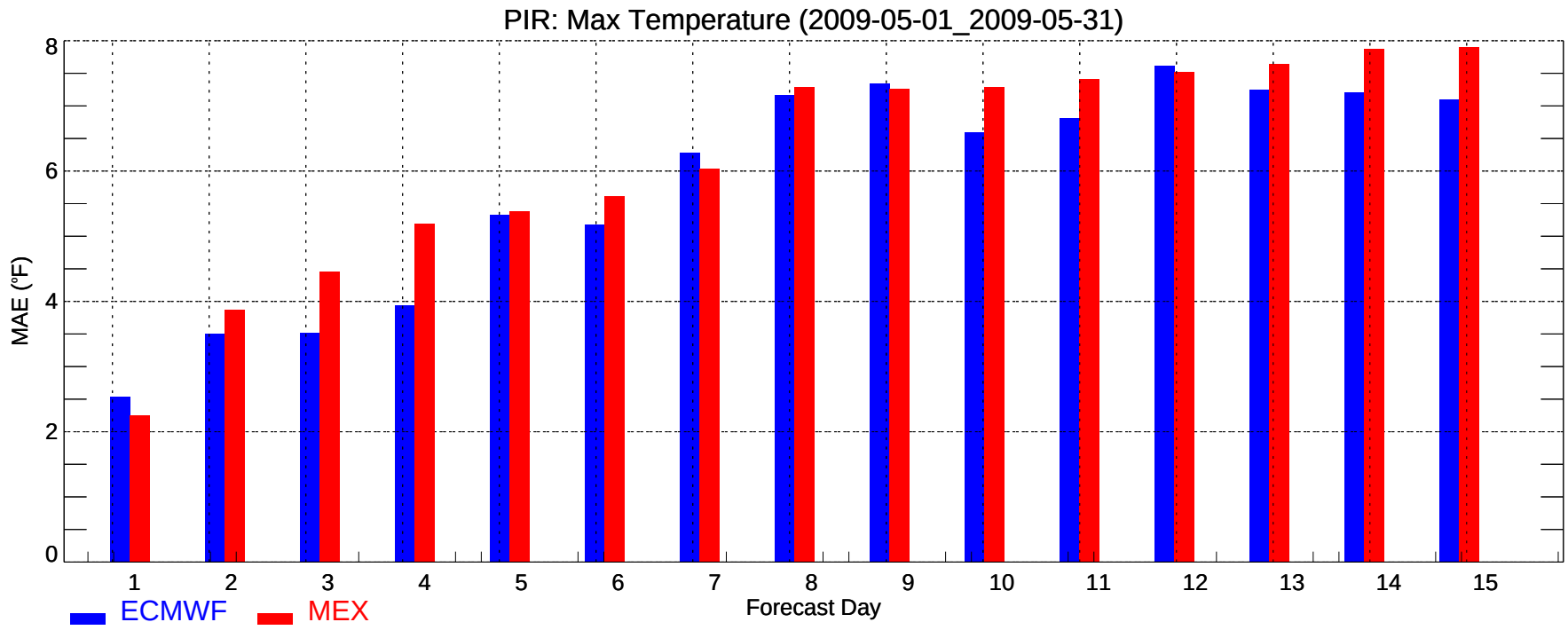
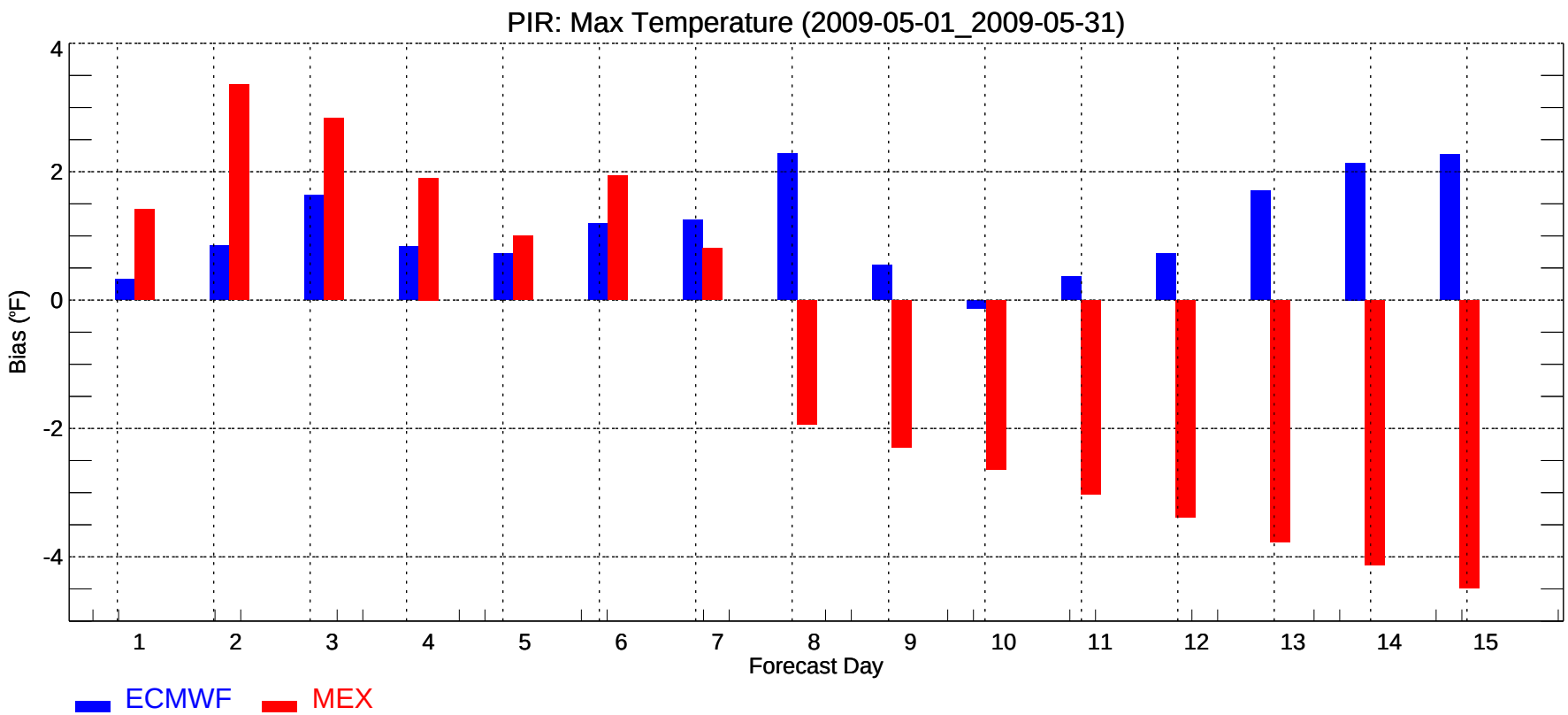
Forecast Day
ECMWF
MEX


PIR: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIR: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
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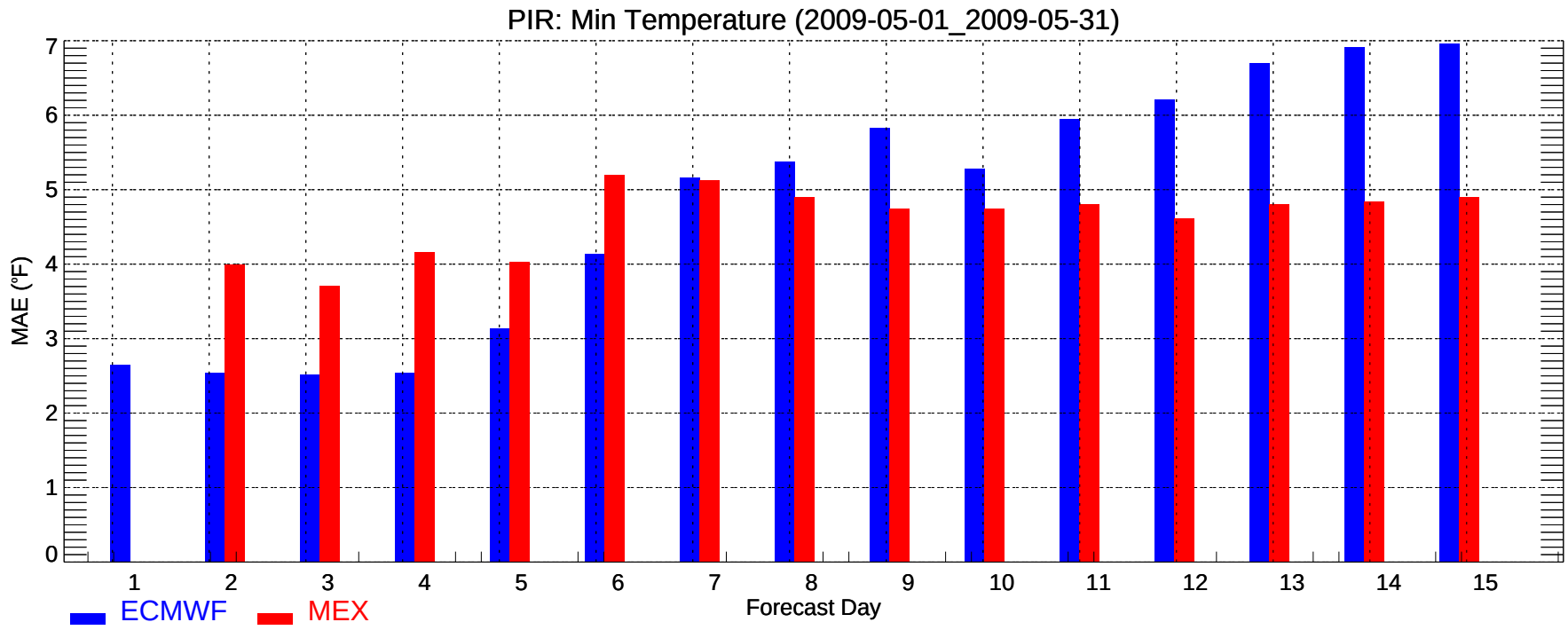
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIR: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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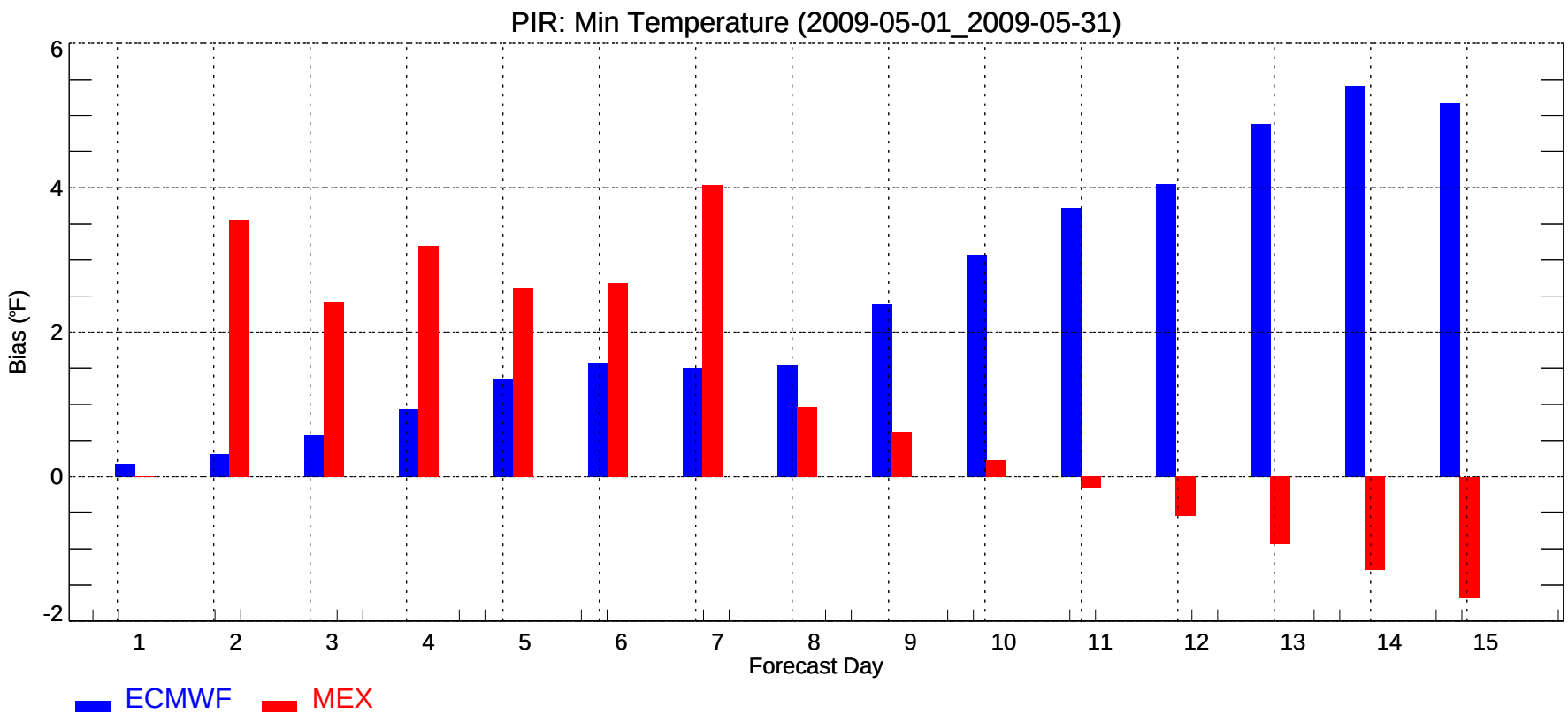
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIR: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
-2
0
2
4
6
1
2
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7
8
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11
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13
14
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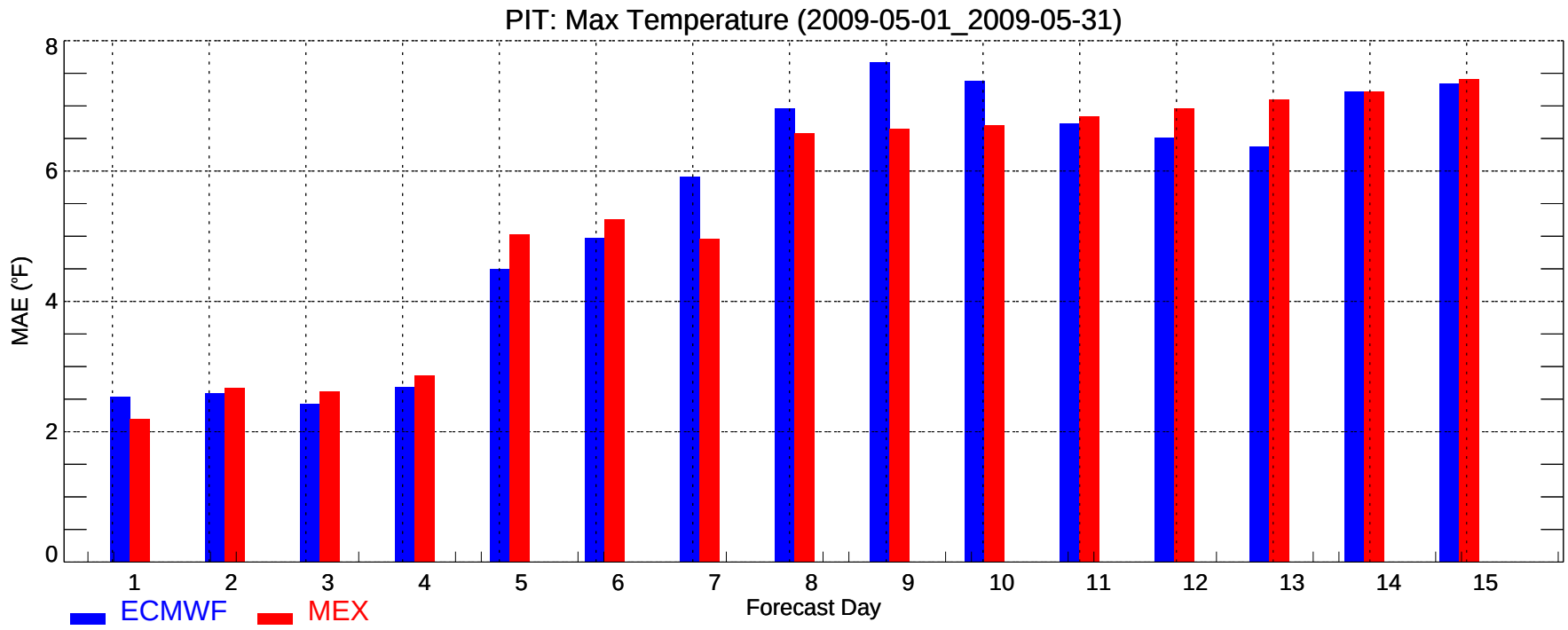
Forecast Day
ECMWF
MEX


PIT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
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5
6
7
8
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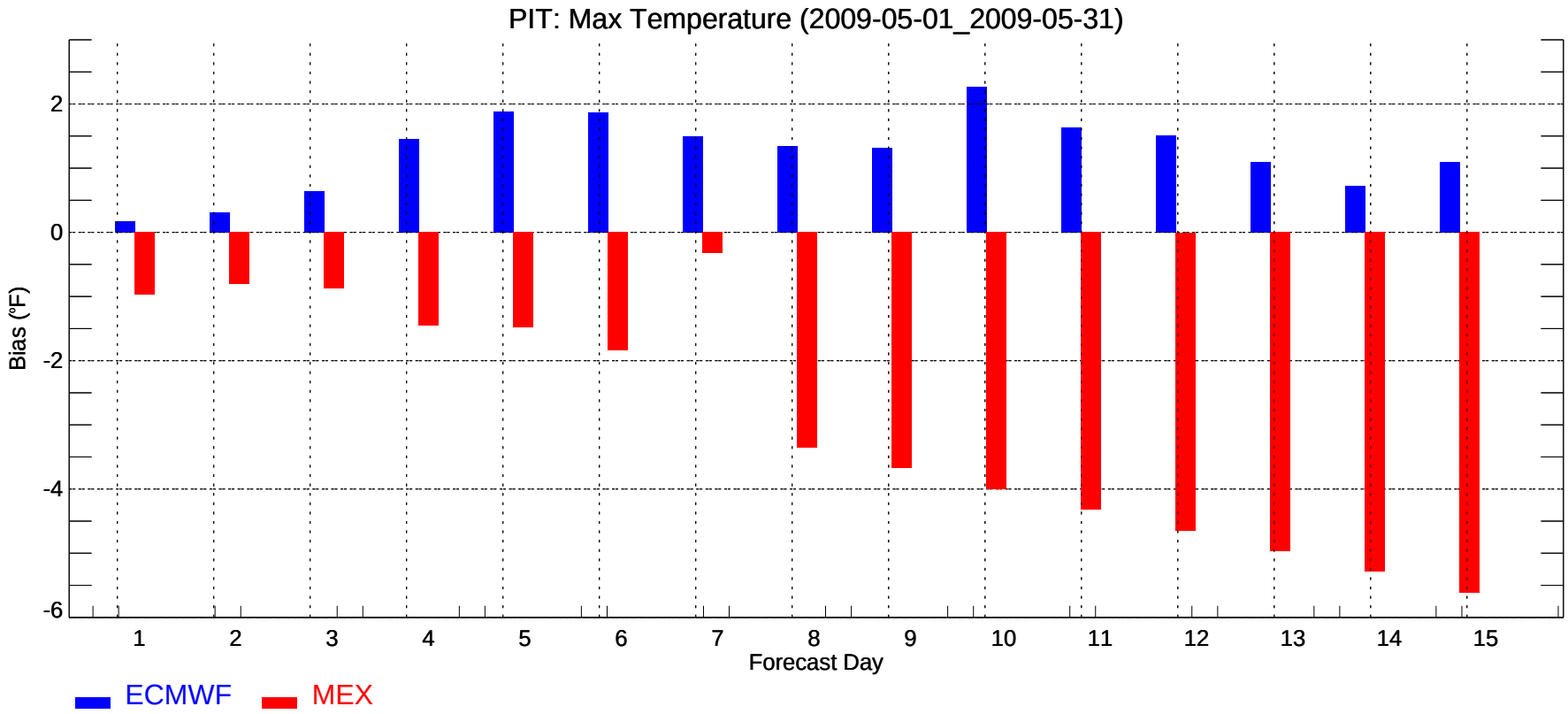
13
14
15
Forecast Day
ECMWF
MEX


PIT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
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4
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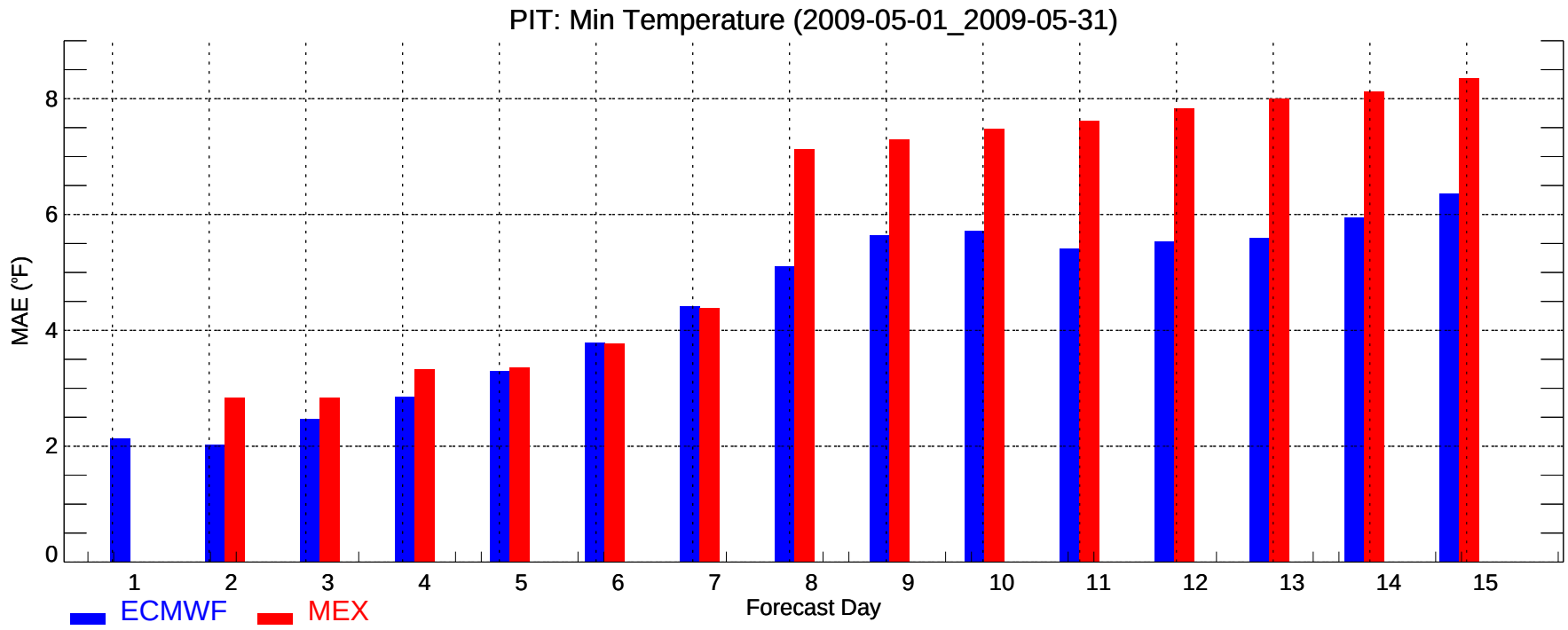
12
13
14
15
Forecast Day
ECMWF
MEX


PIT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
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1
2
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6
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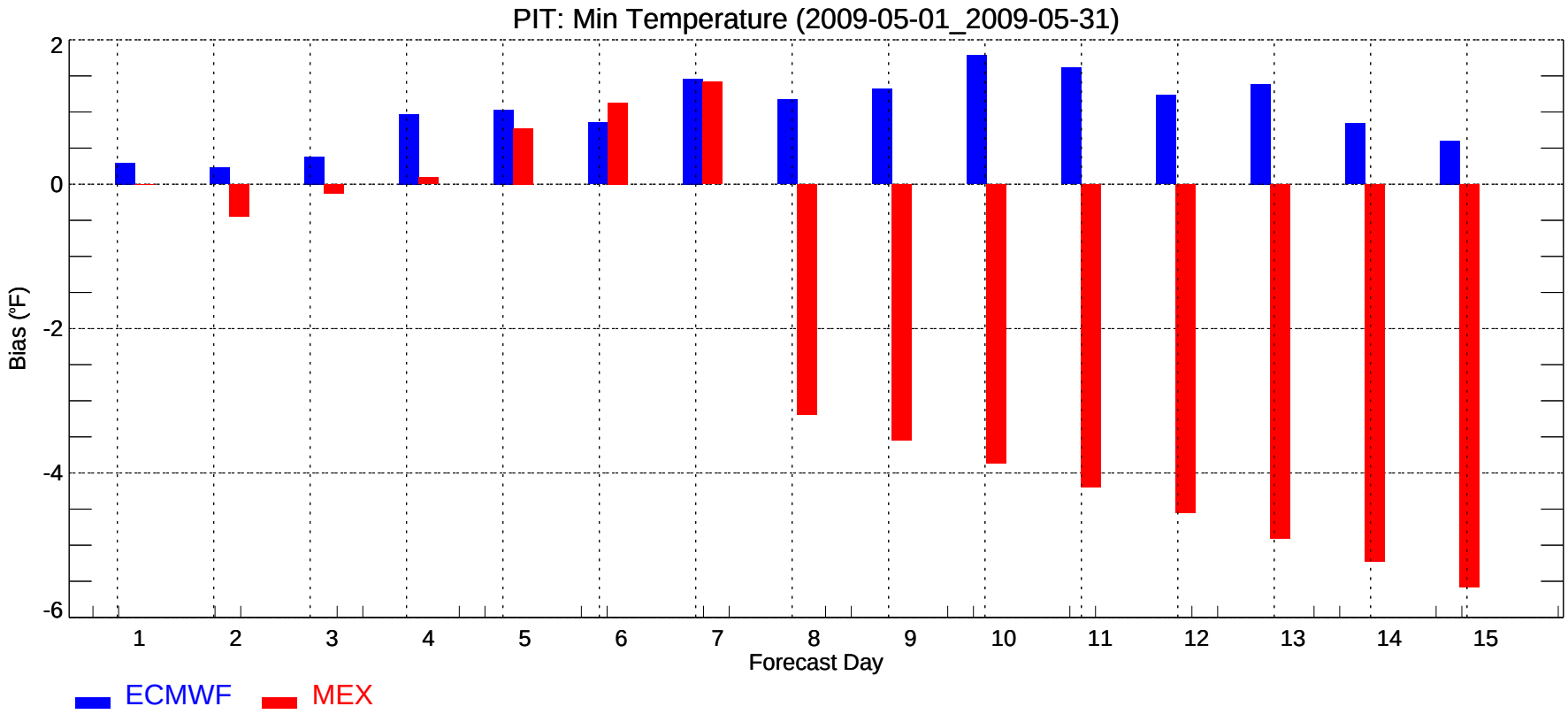
Forecast Day
ECMWF
MEX


PIT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
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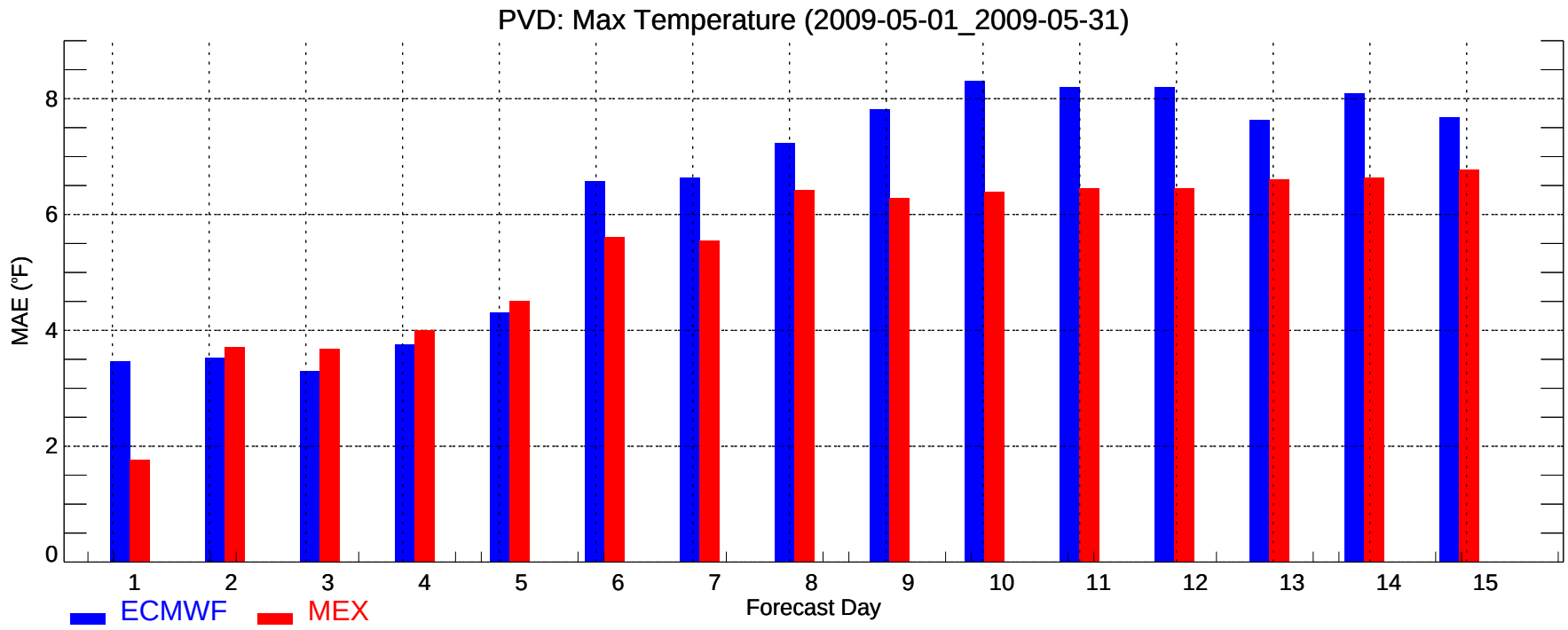
15
Forecast Day
ECMWF
MEX


PVD: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
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5
6
7
8
9
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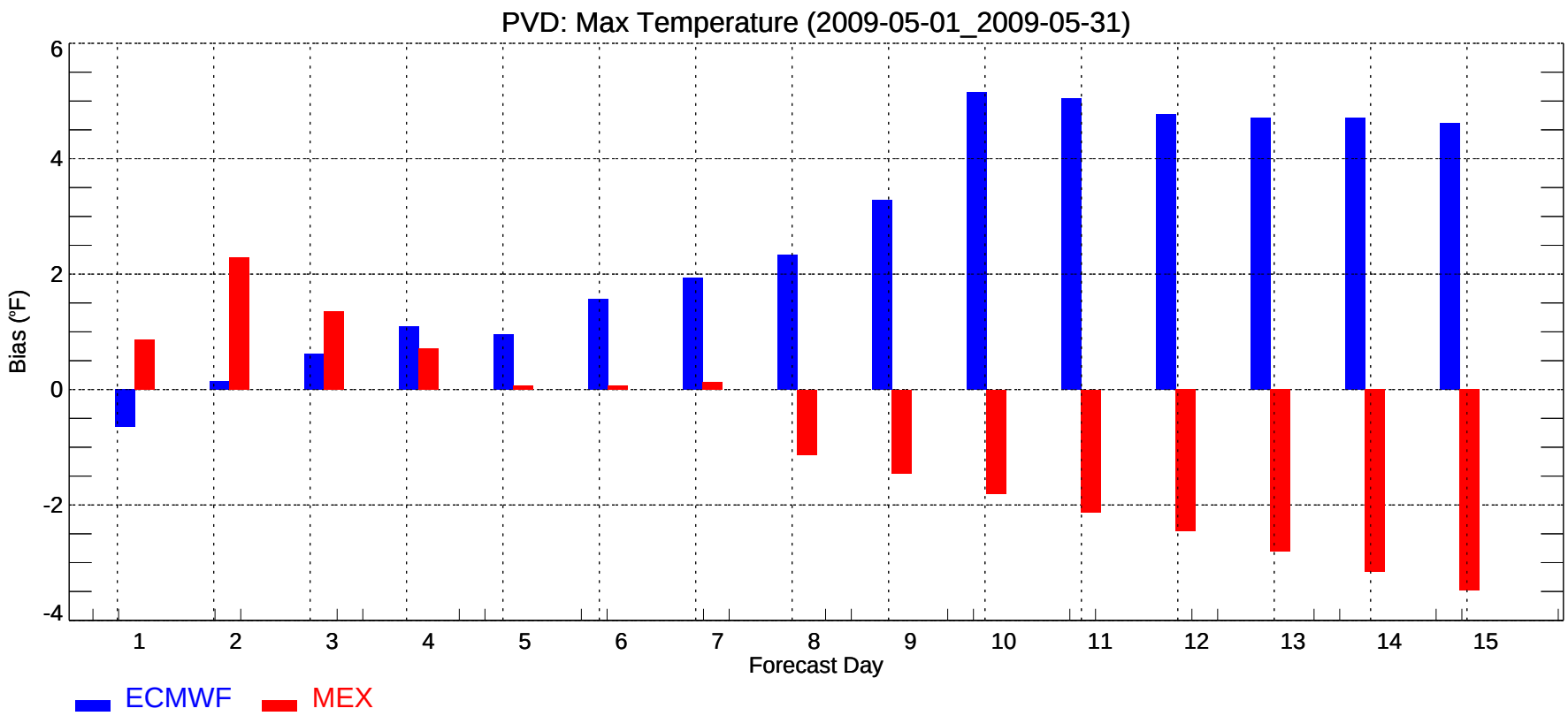
12
13
14
15
Forecast Day
ECMWF
MEX


PVD: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
6
4
2
0
-2
-4
1
2
3
4
5
6
7
8
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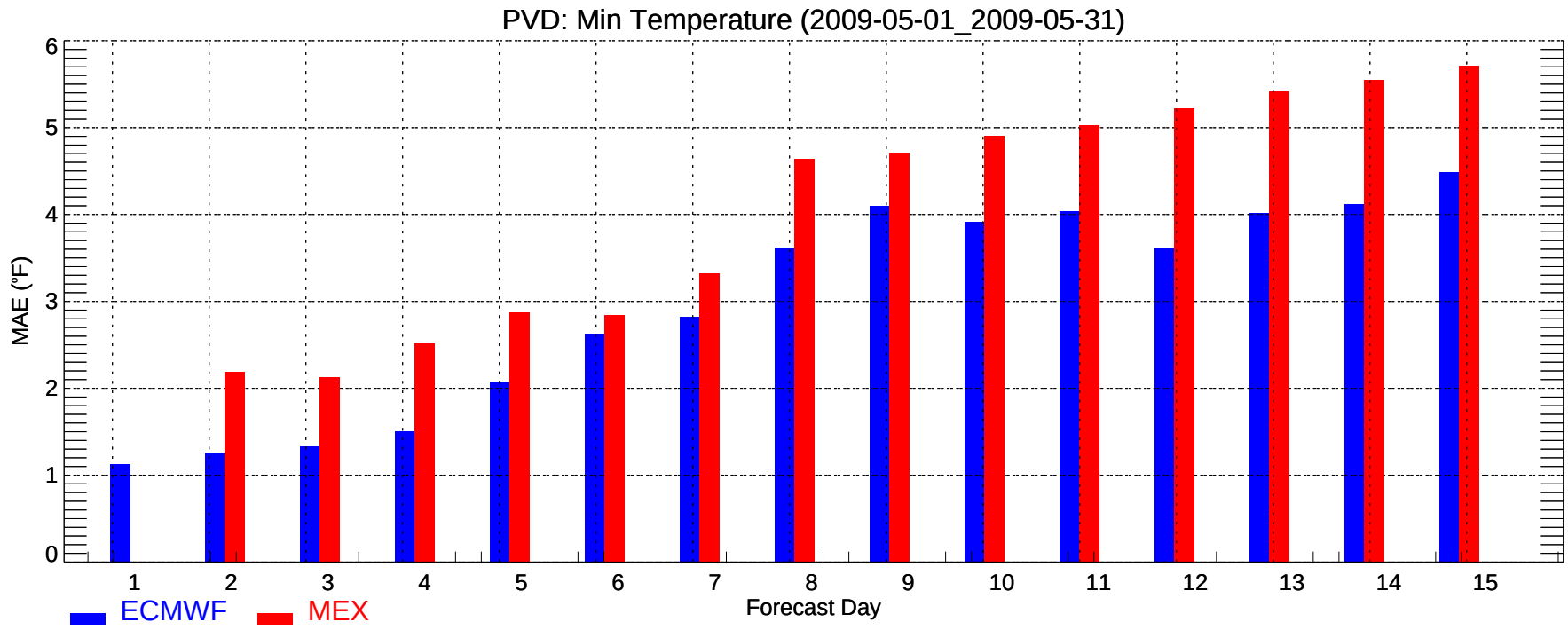
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PVD: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
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4
5
6
7
8
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10
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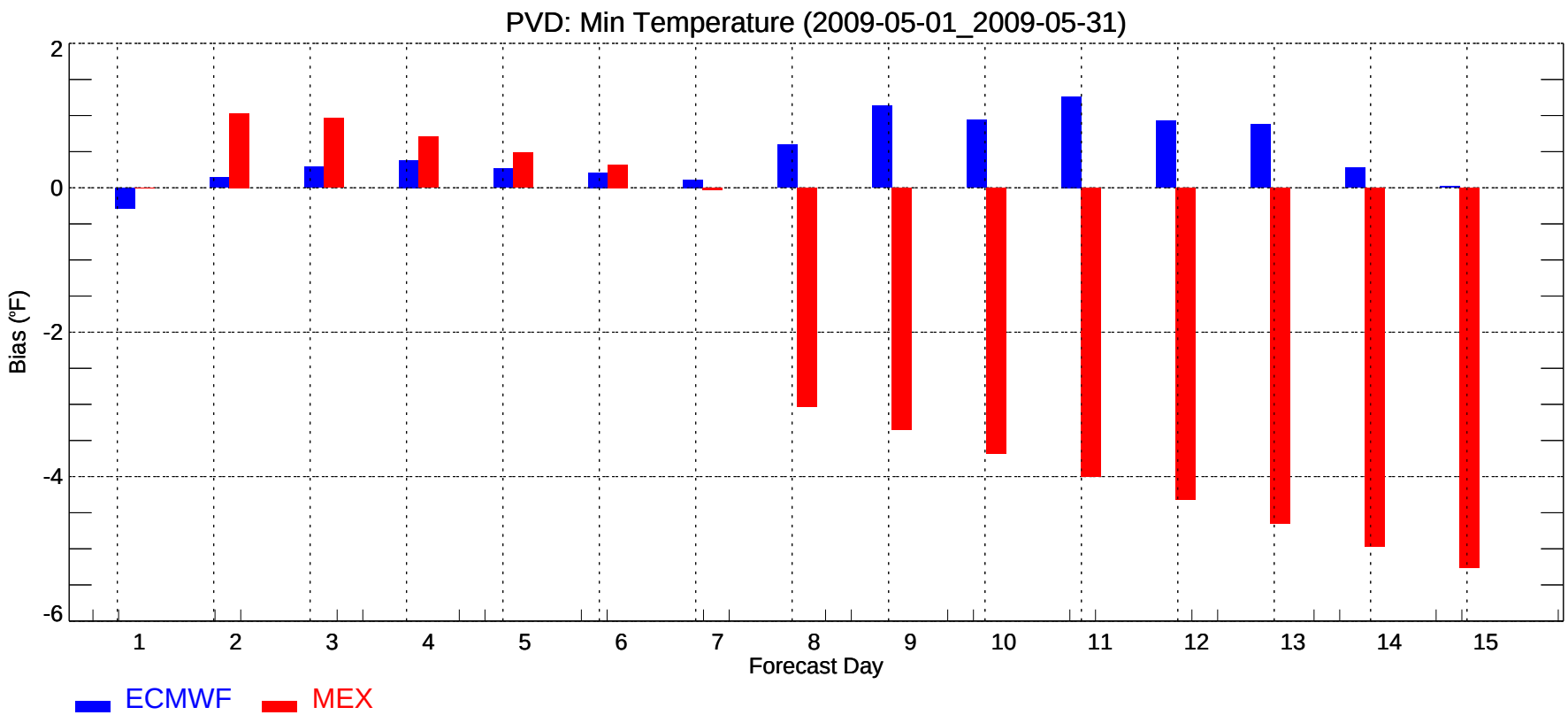
12
13
14
15
Forecast Day
ECMWF
MEX


PVD: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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14
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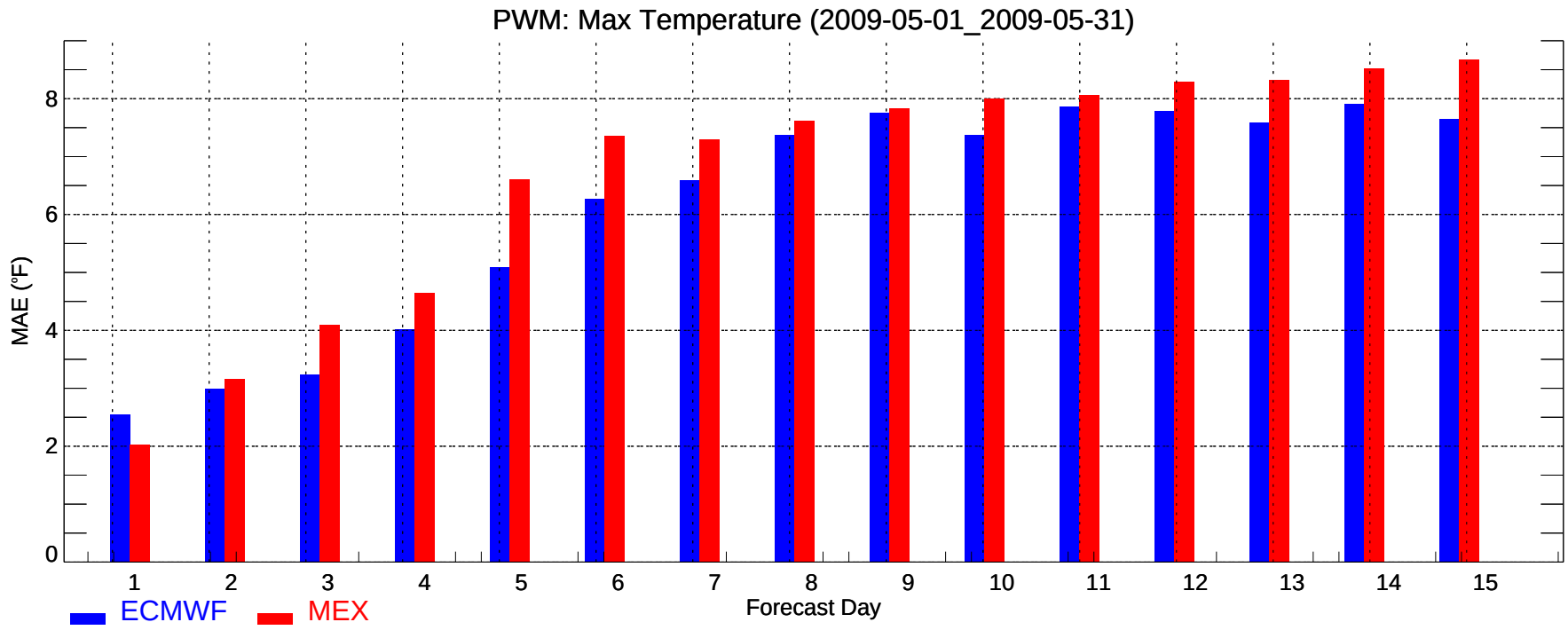
Forecast Day
ECMWF
MEX


PWM: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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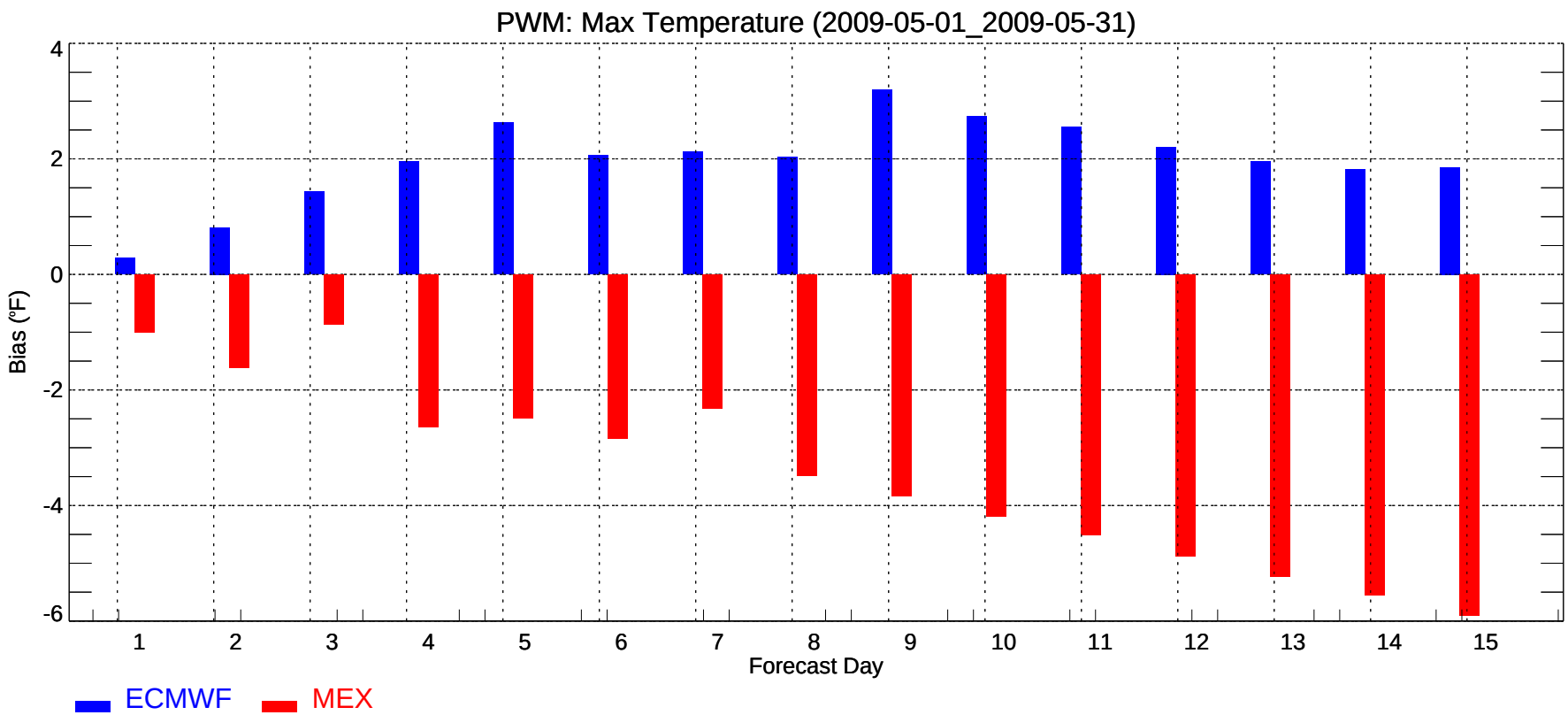
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PWM: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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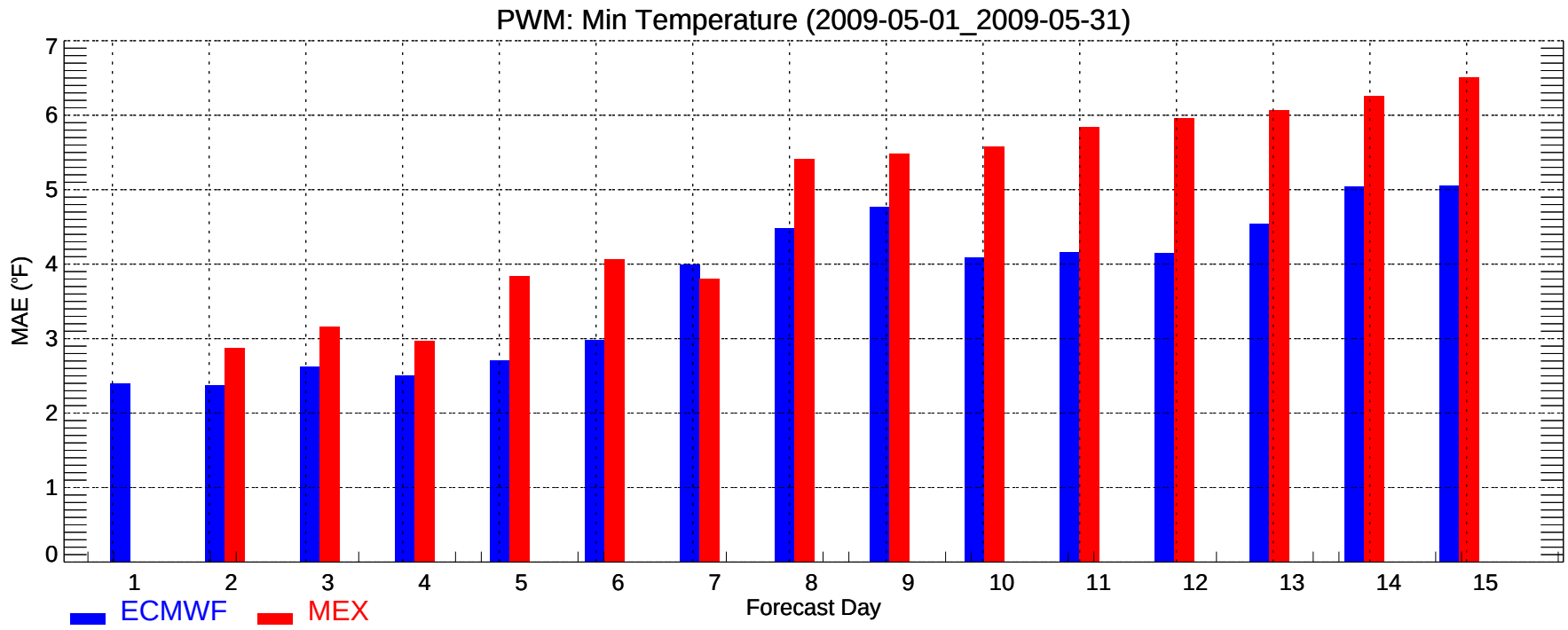
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PWM: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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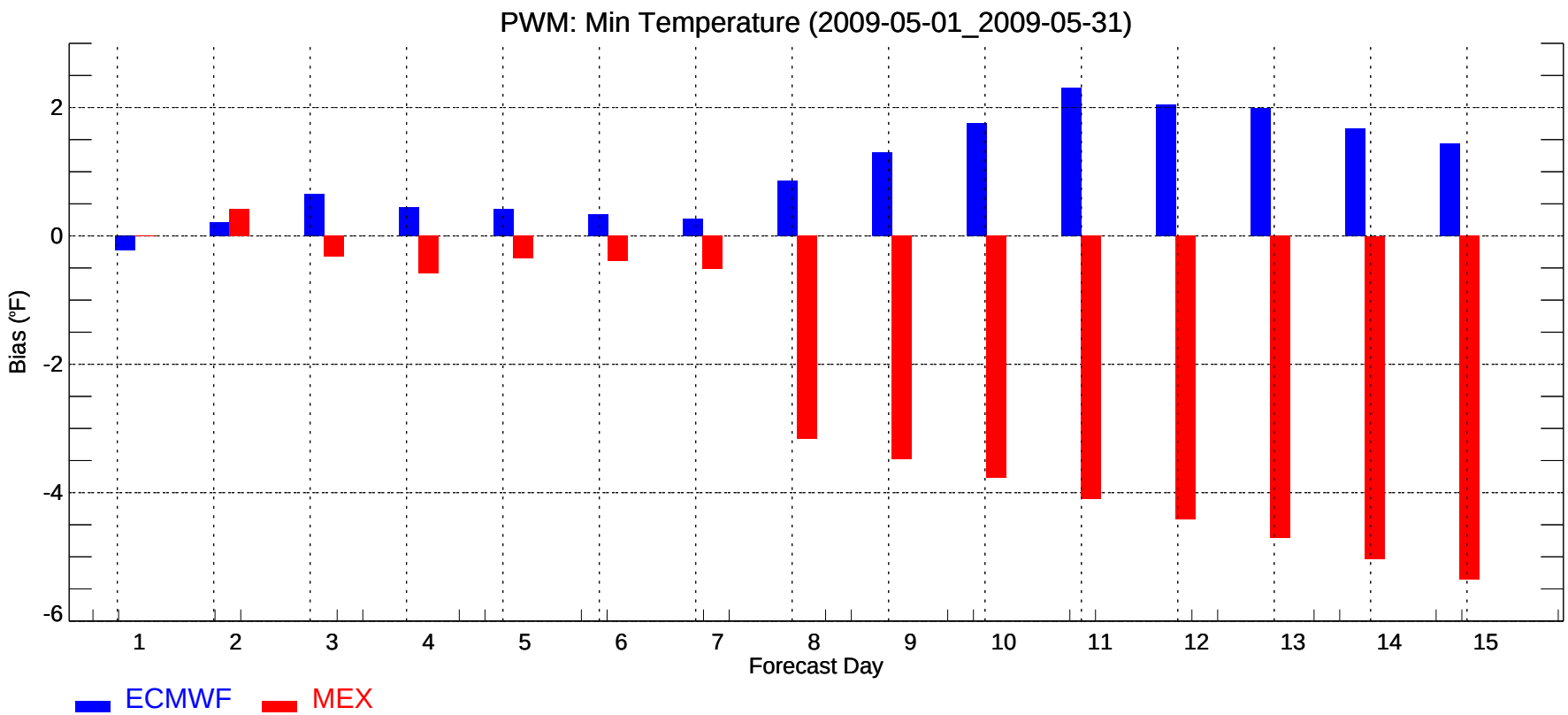
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PWM: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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6
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12
13
14
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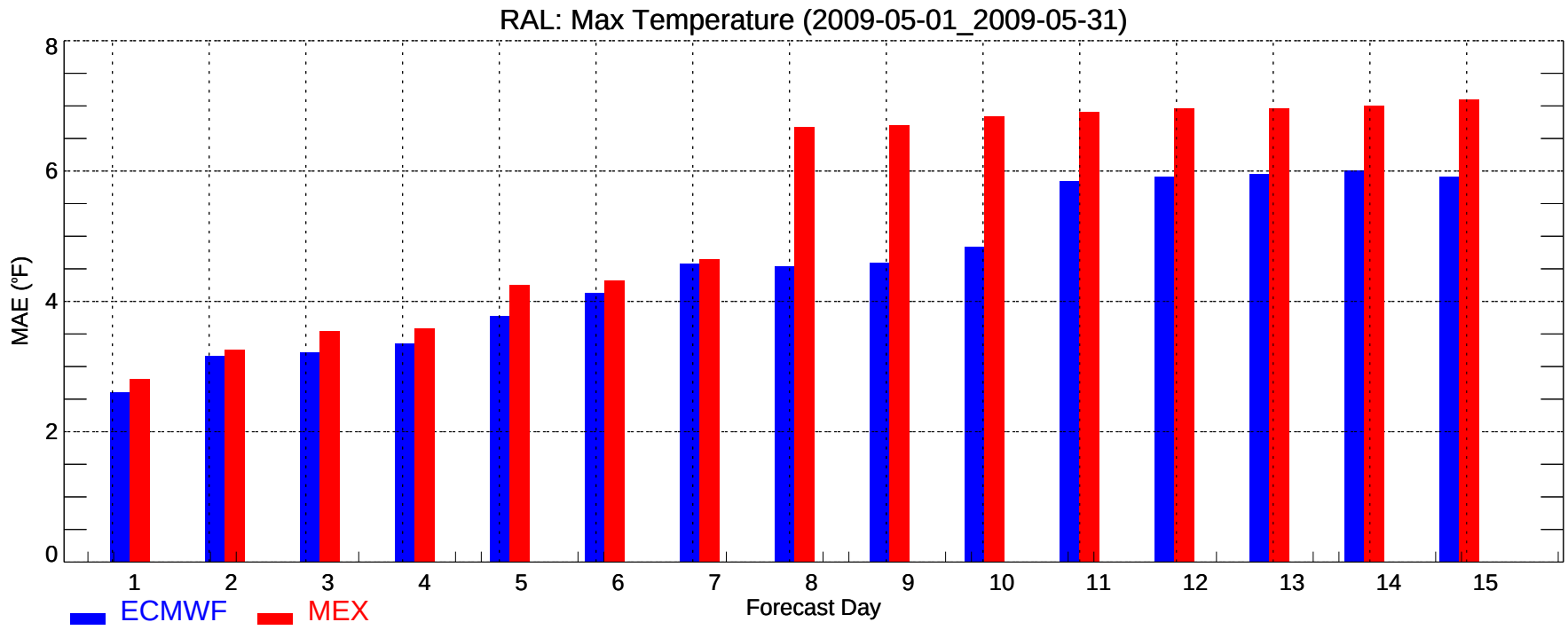
Forecast Day
ECMWF
MEX


RAL: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
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7
8
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11
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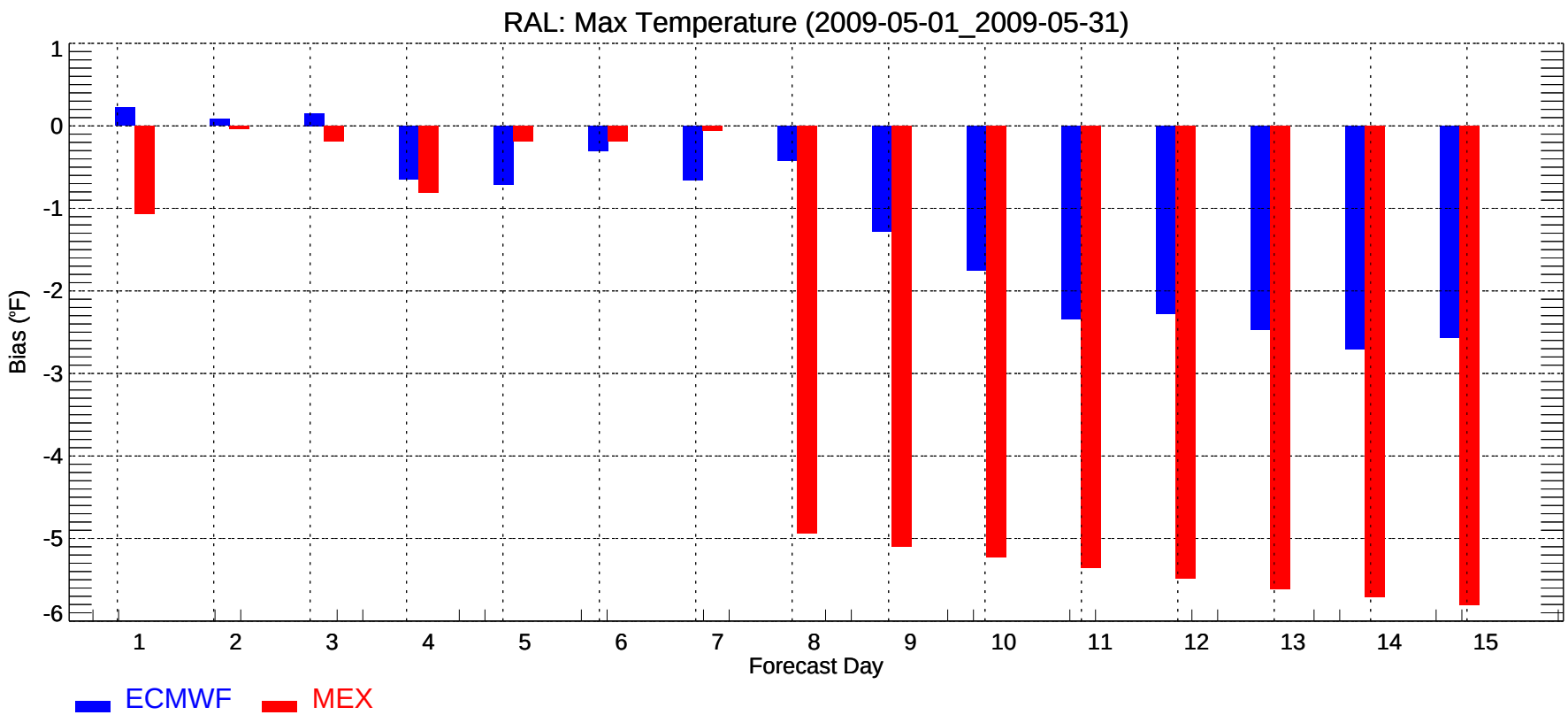
13
14
15
Forecast Day
ECMWF
MEX


RAL: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
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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12
13
14
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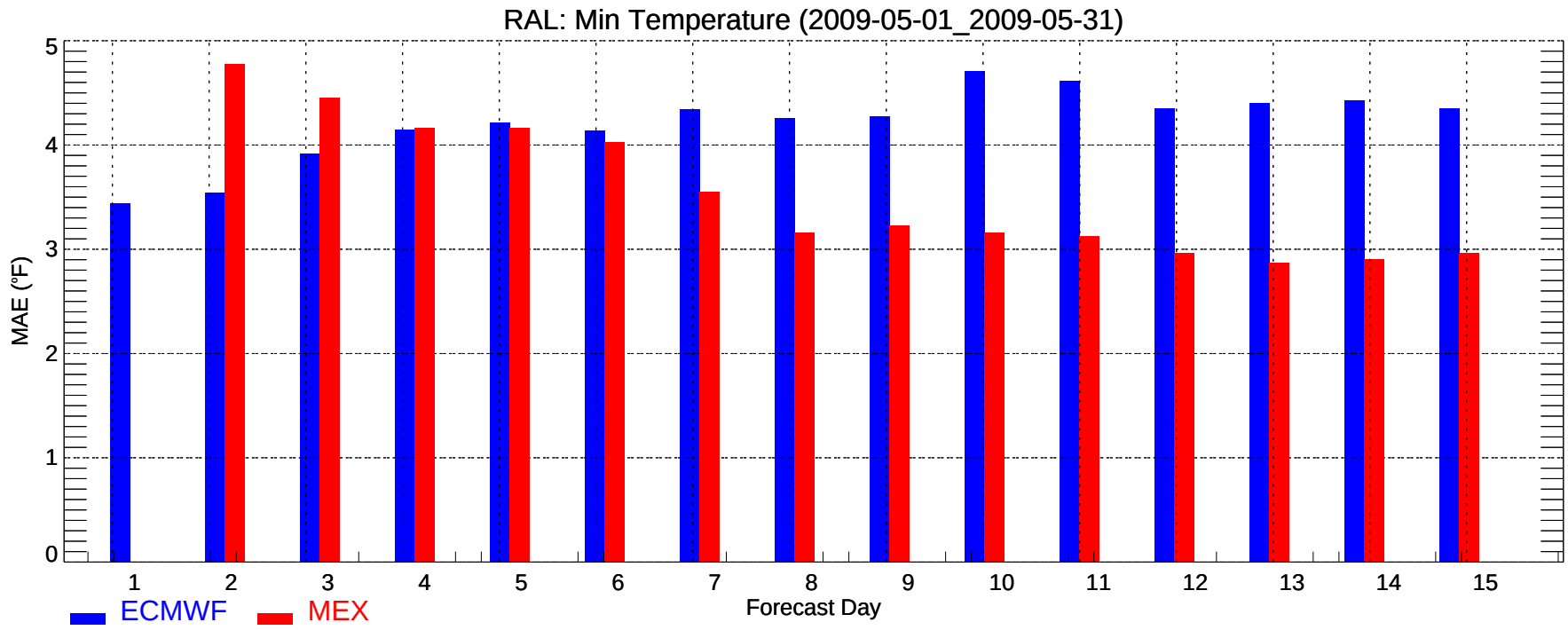
Forecast Day
ECMWF
MEX


RAL: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
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5
6
7
8
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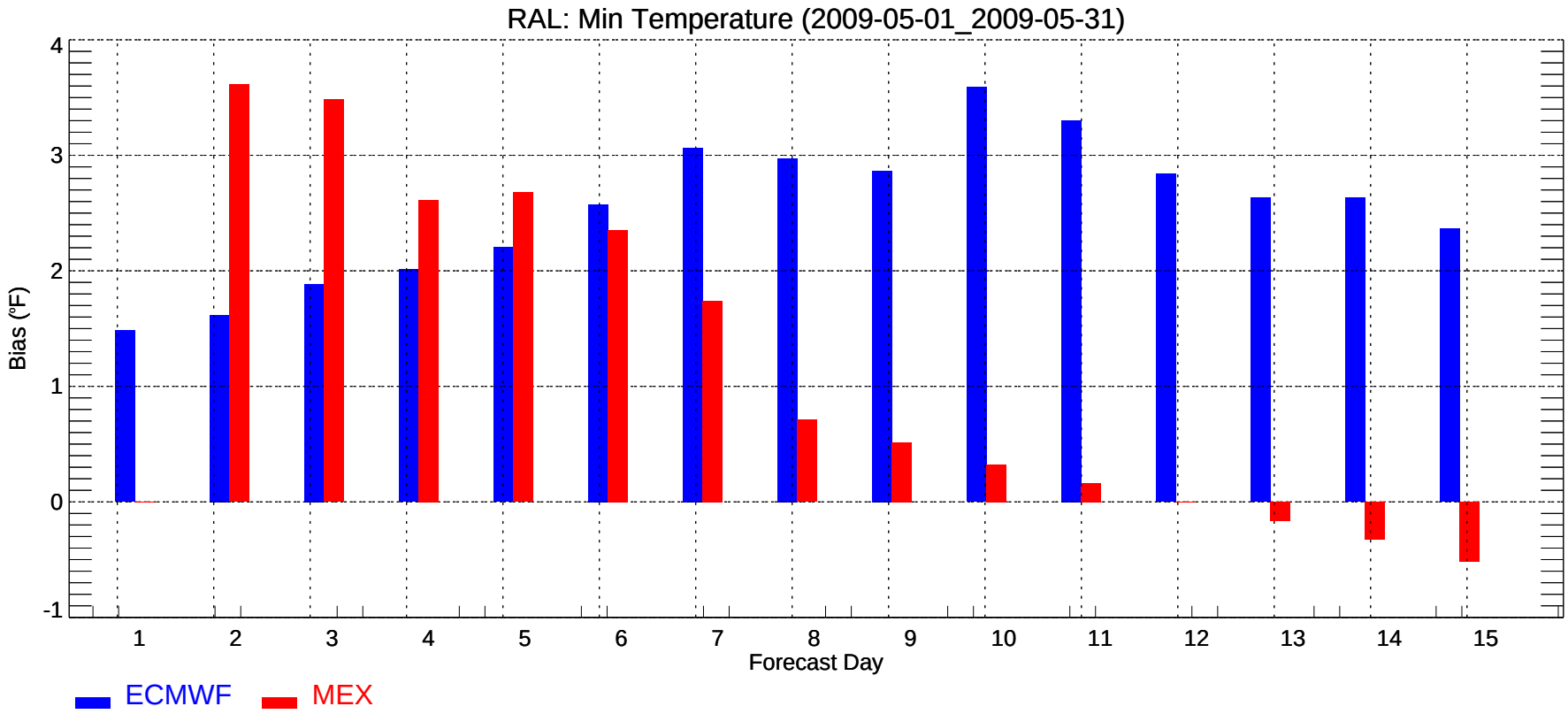
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RAL: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
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11
12
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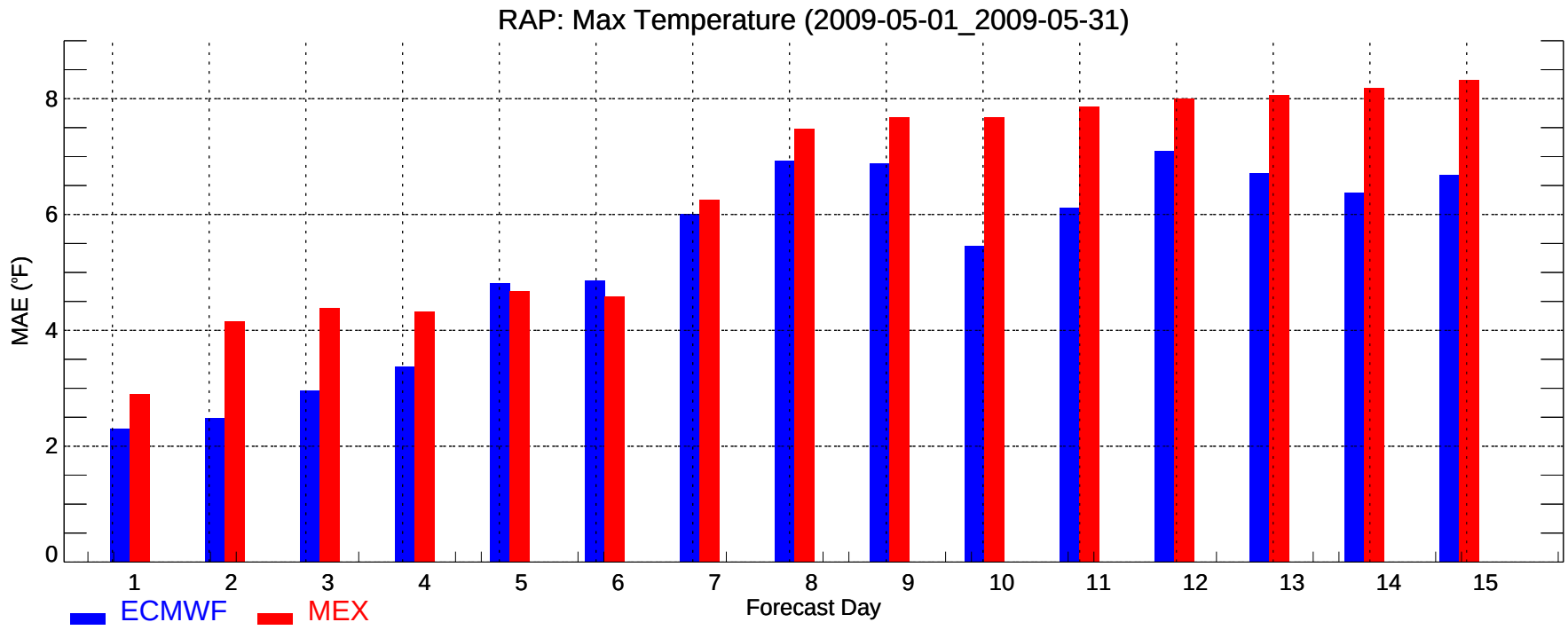
Forecast Day
ECMWF
MEX


RAP: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
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6
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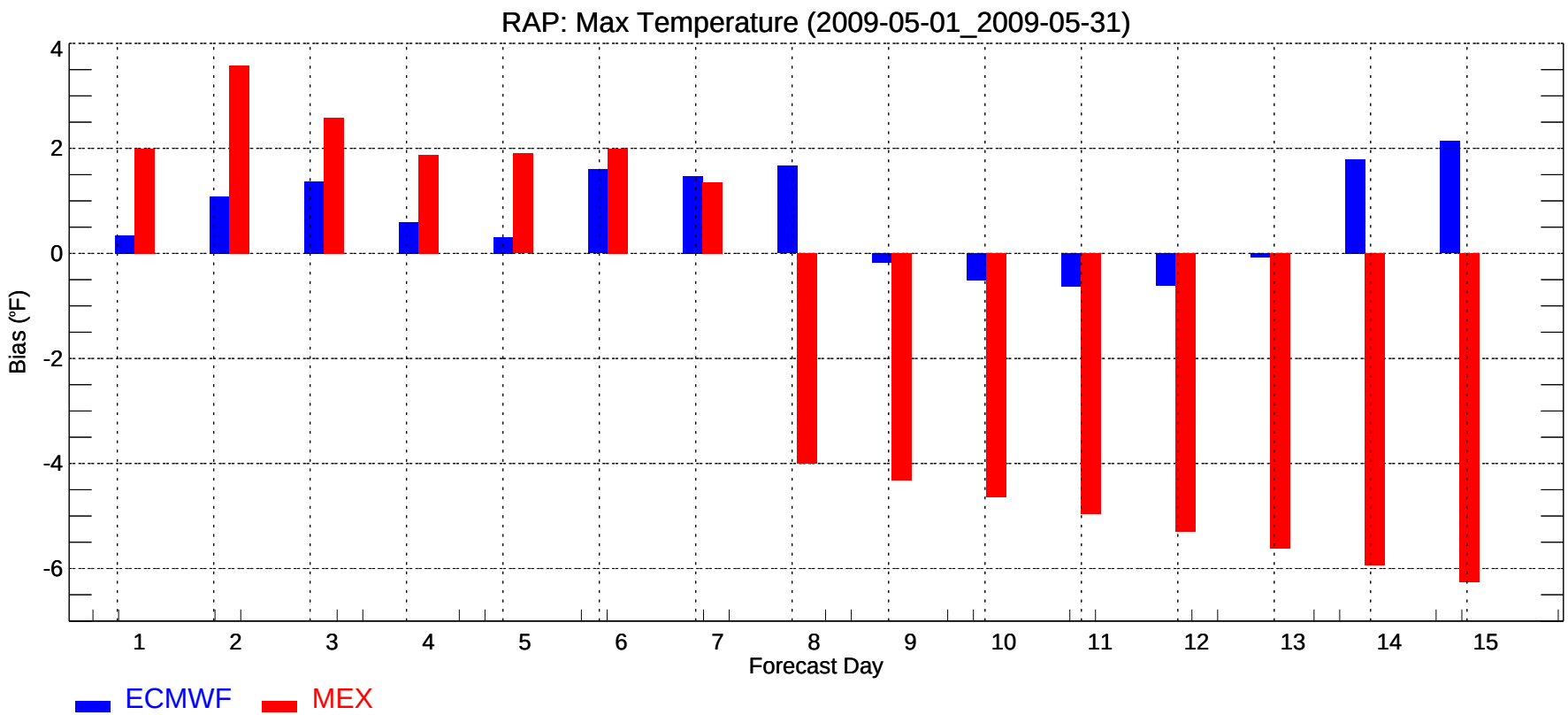
12
13
14
15
Forecast Day
ECMWF
MEX


RAP: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
-6
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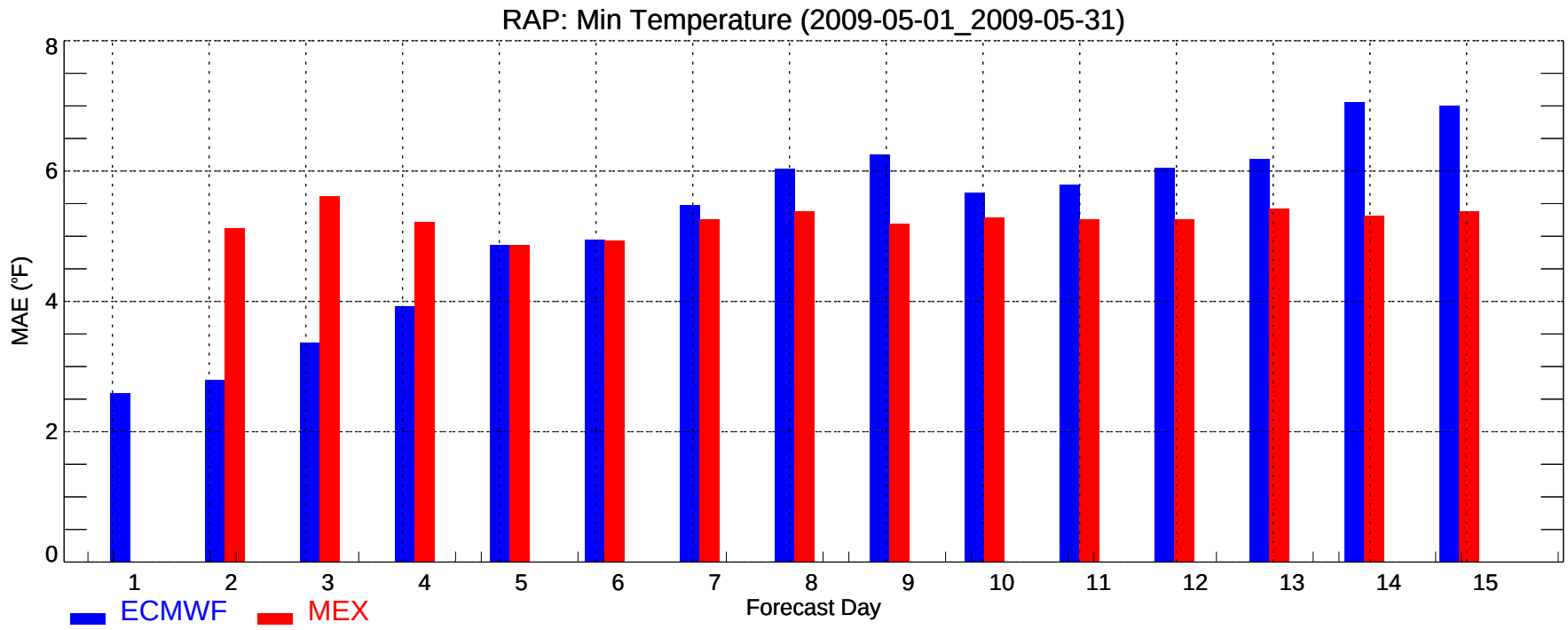
Forecast Day
ECMWF
MEX


RAP: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
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8
1
2
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12
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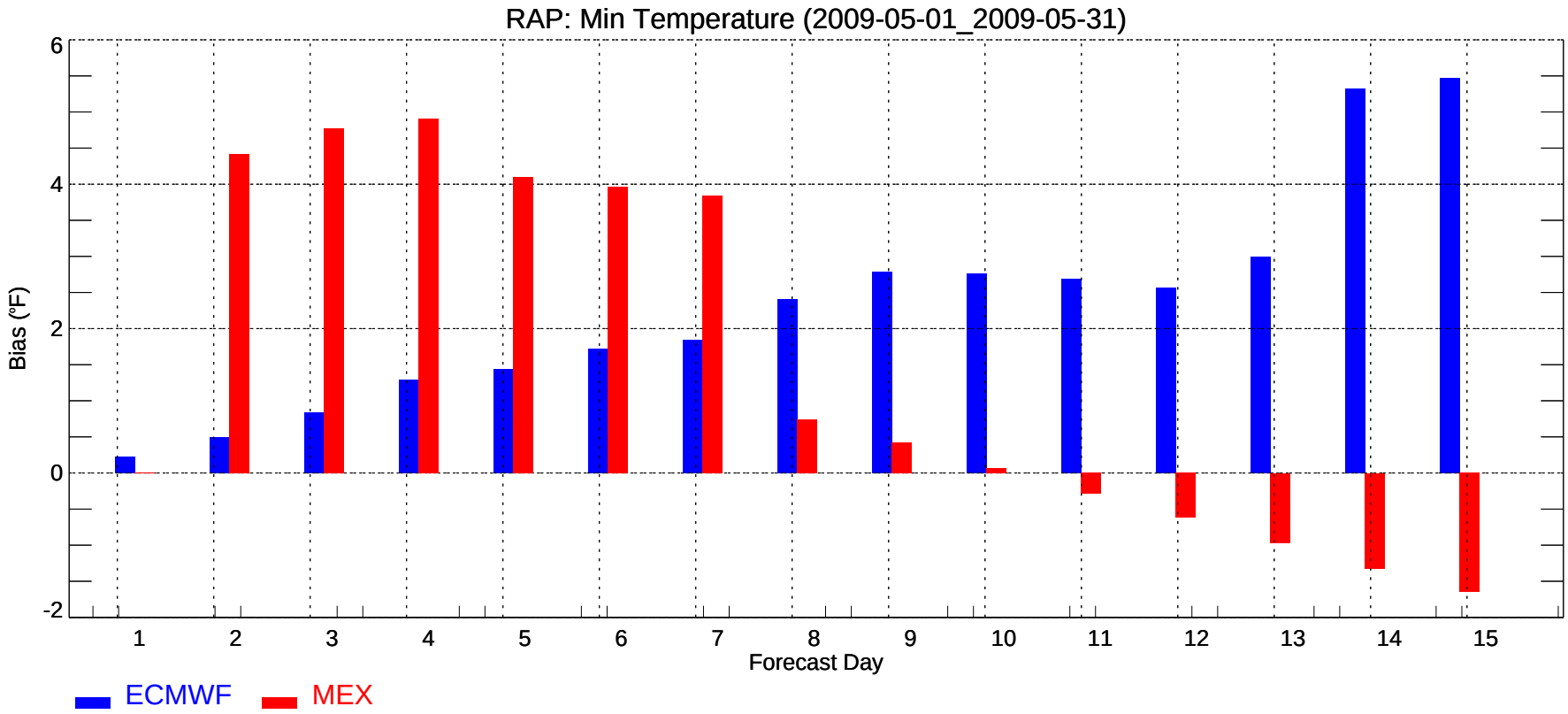
14
15
Forecast Day
ECMWF
MEX


RAP: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
-2
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2
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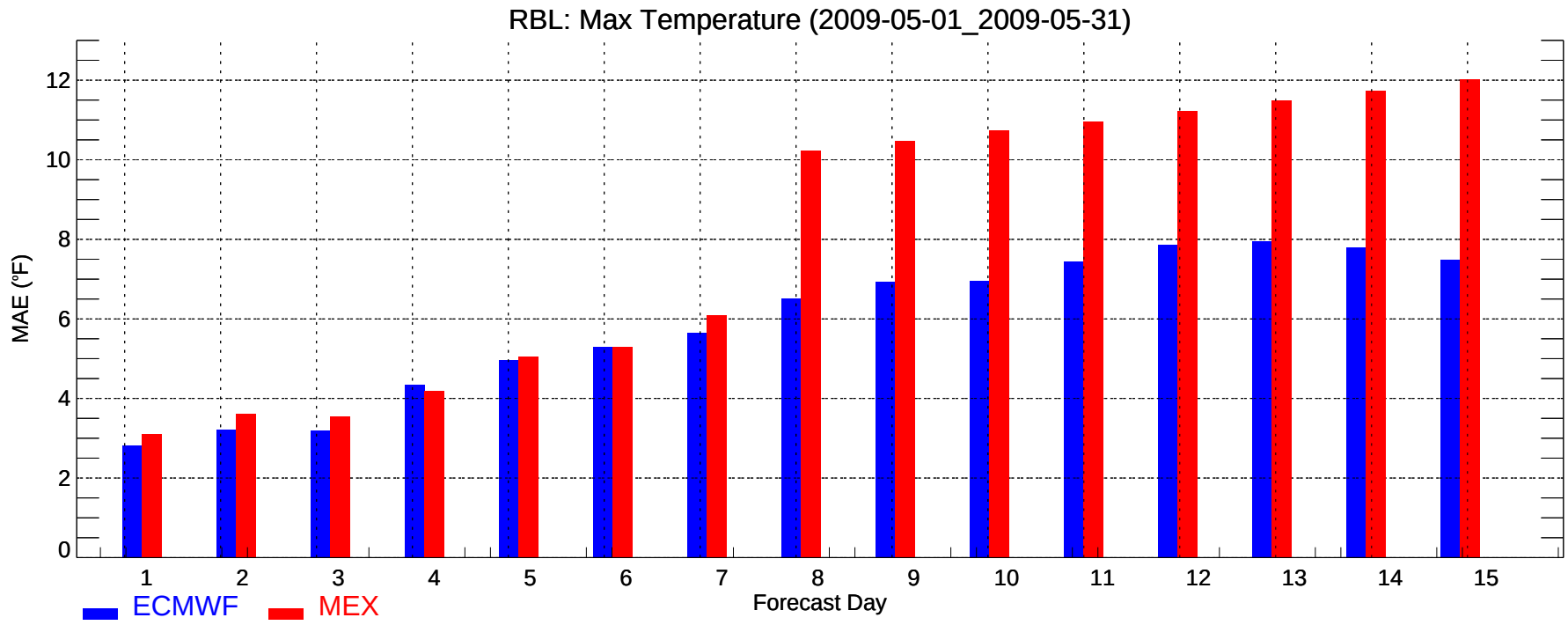
15
Forecast Day
ECMWF
MEX


RBL: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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12
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11
12
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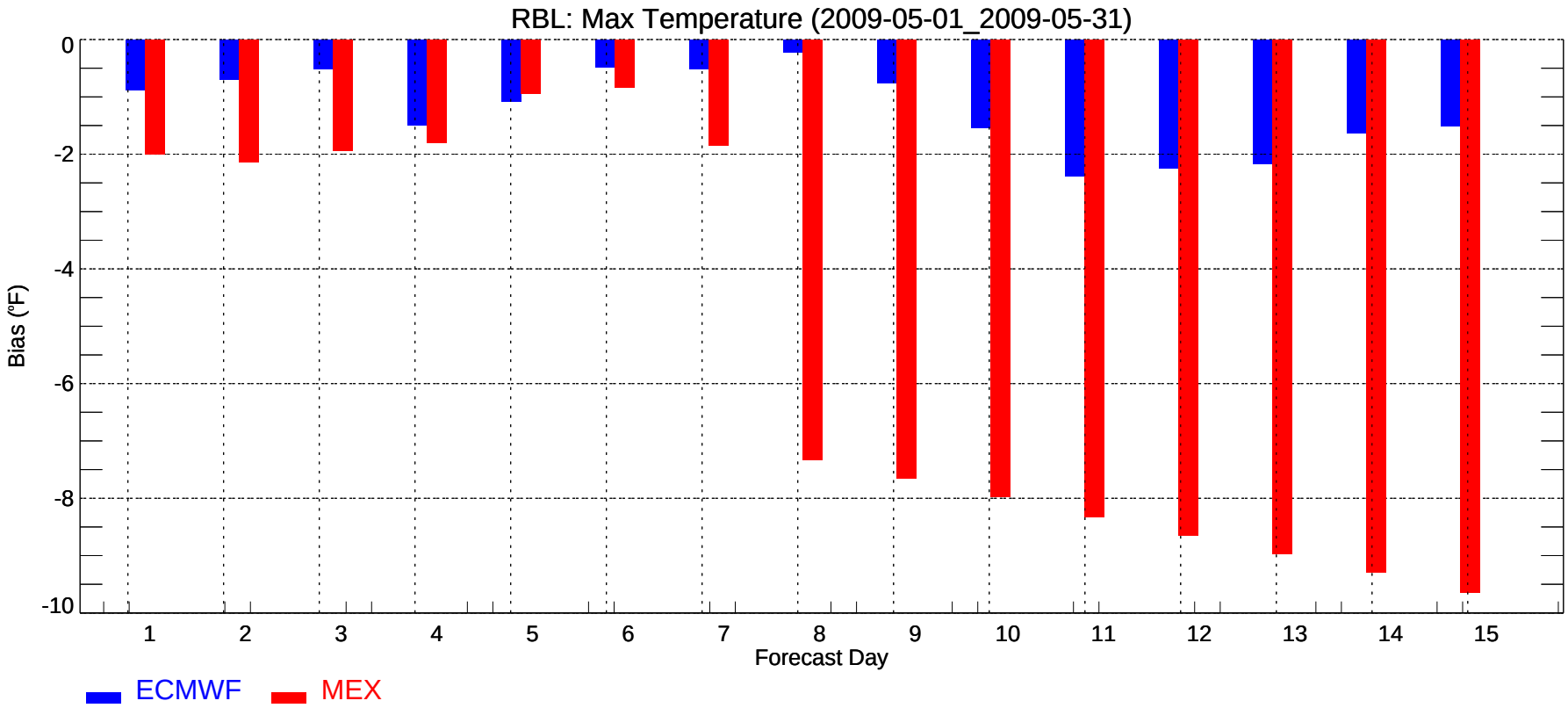
14
15
Forecast Day
ECMWF
MEX


RBL: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
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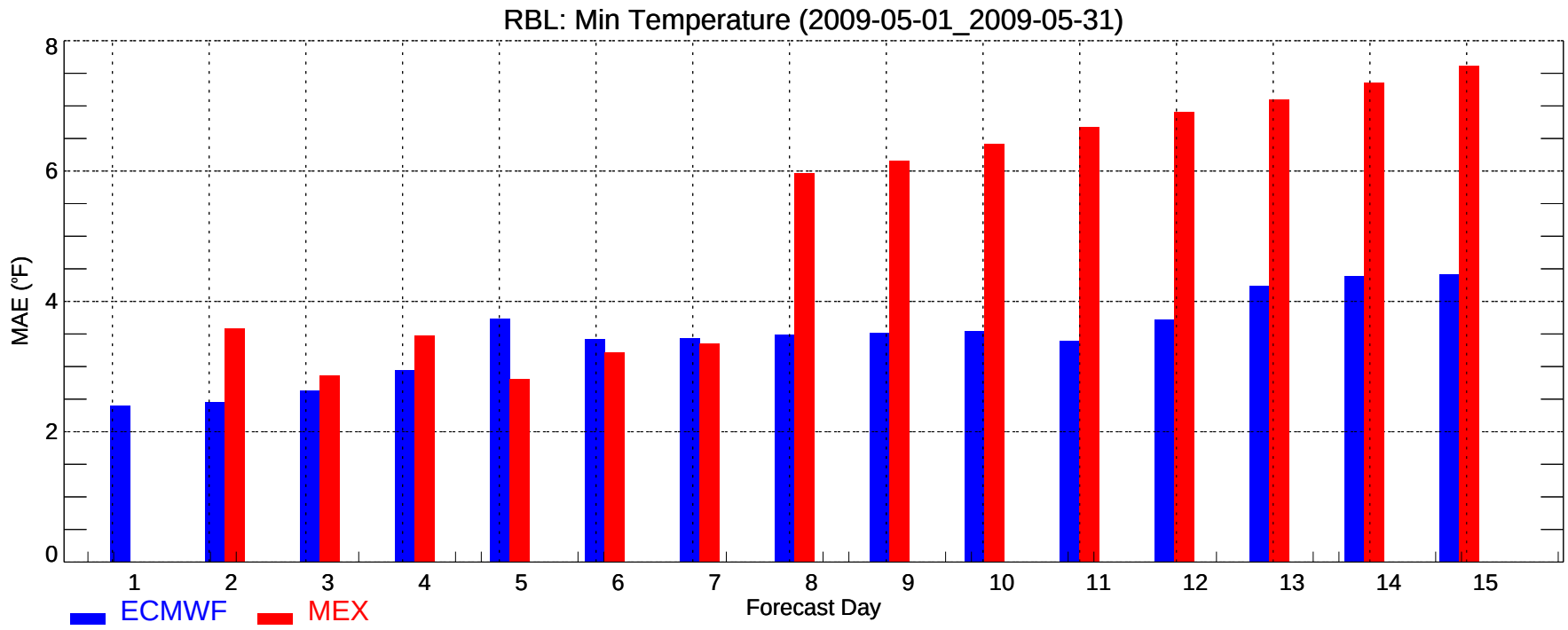
Forecast Day
ECMWF
MEX


RBL: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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14
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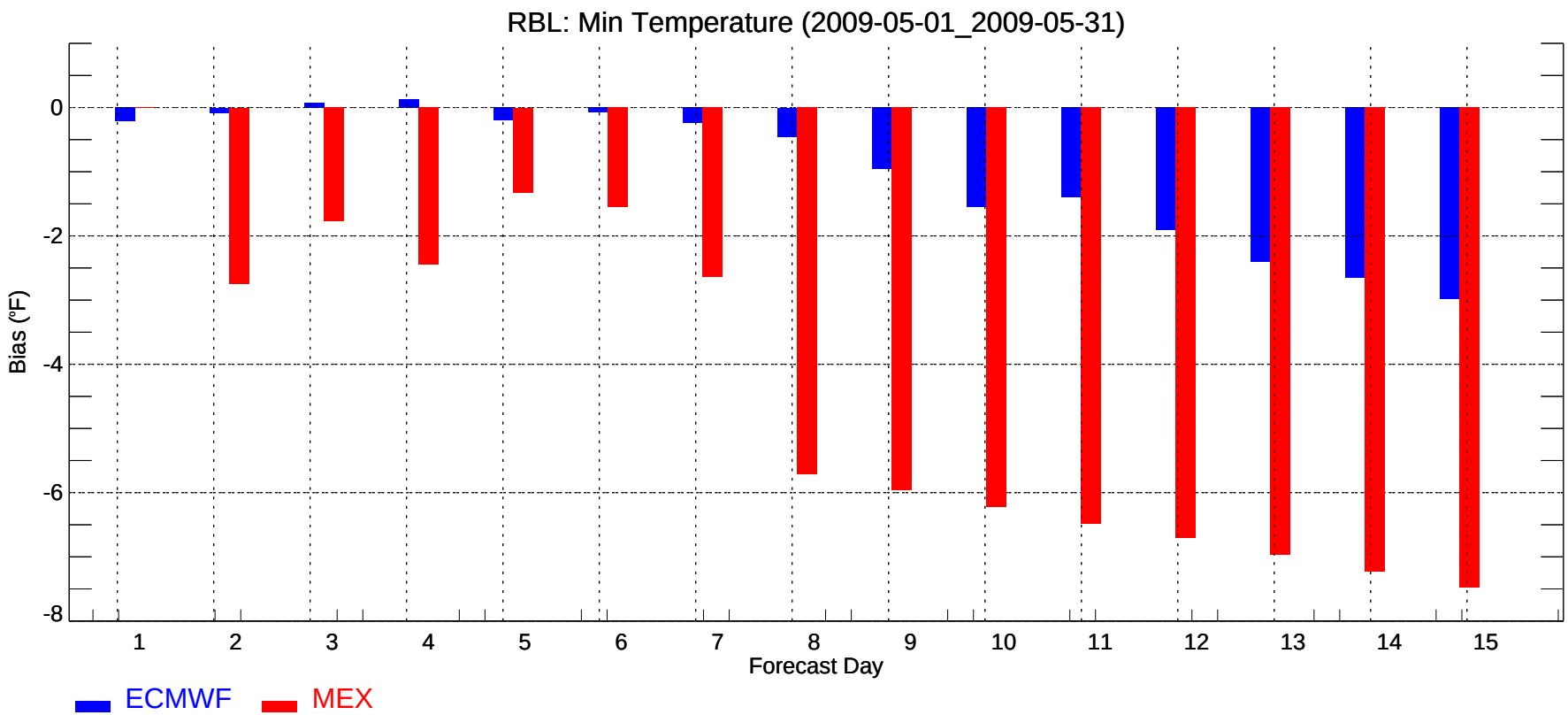
Forecast Day
ECMWF
MEX


RBL: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
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-6
-8
1
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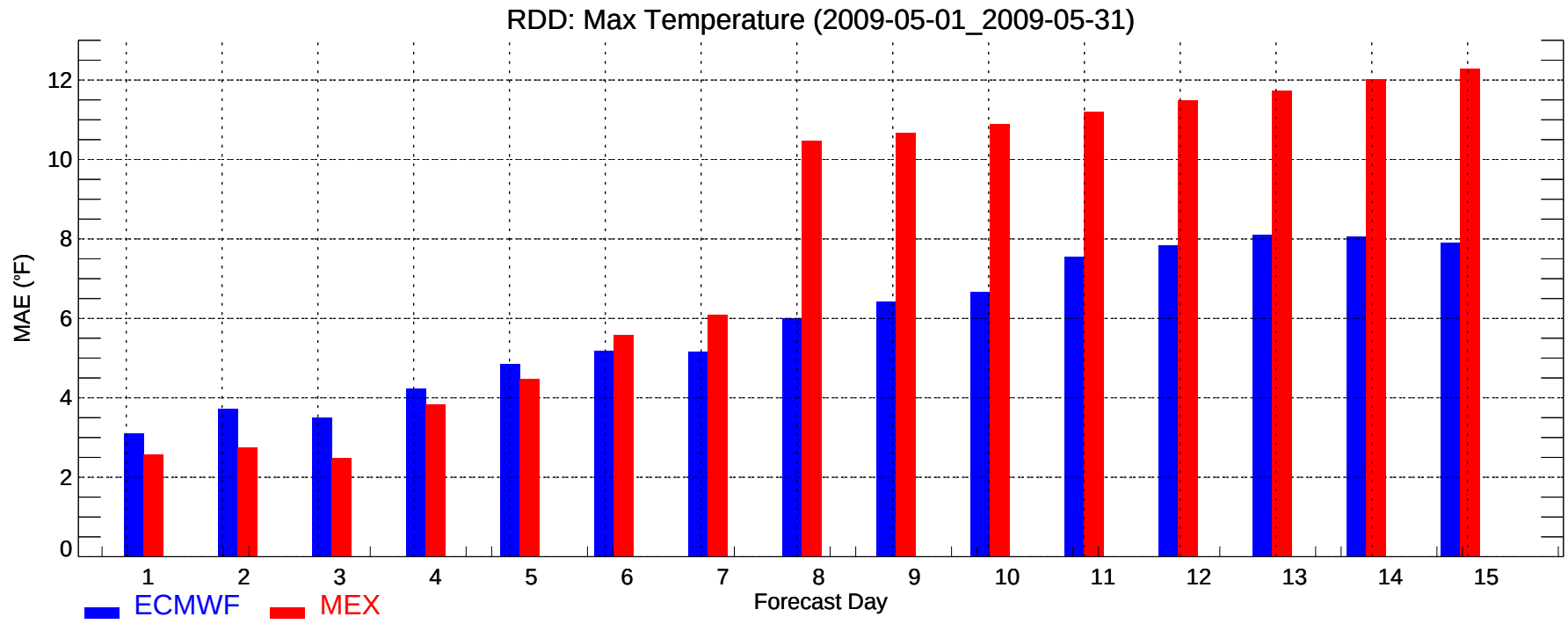
Forecast Day
ECMWF
MEX


RDD: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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12
1
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12
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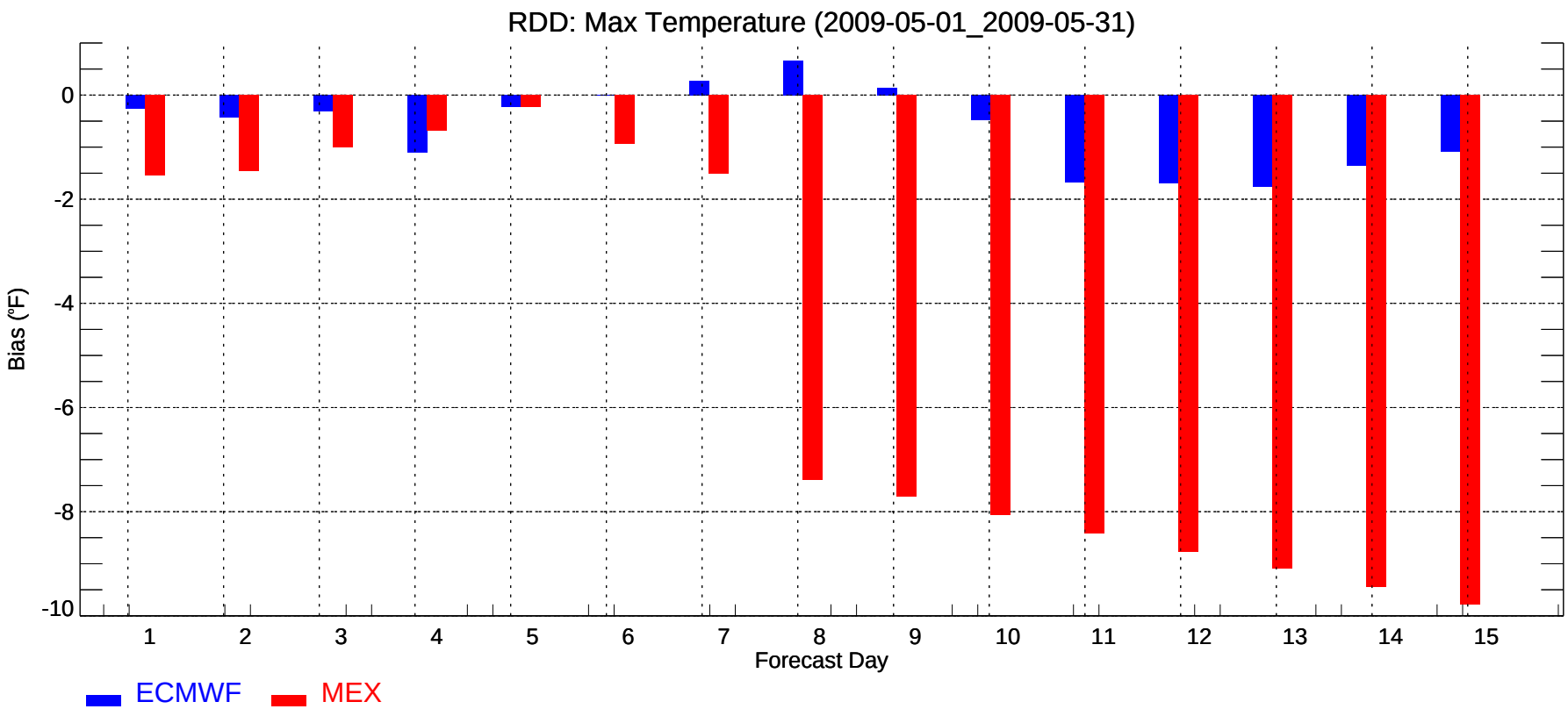
14
15
Forecast Day
ECMWF
MEX


RDD: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
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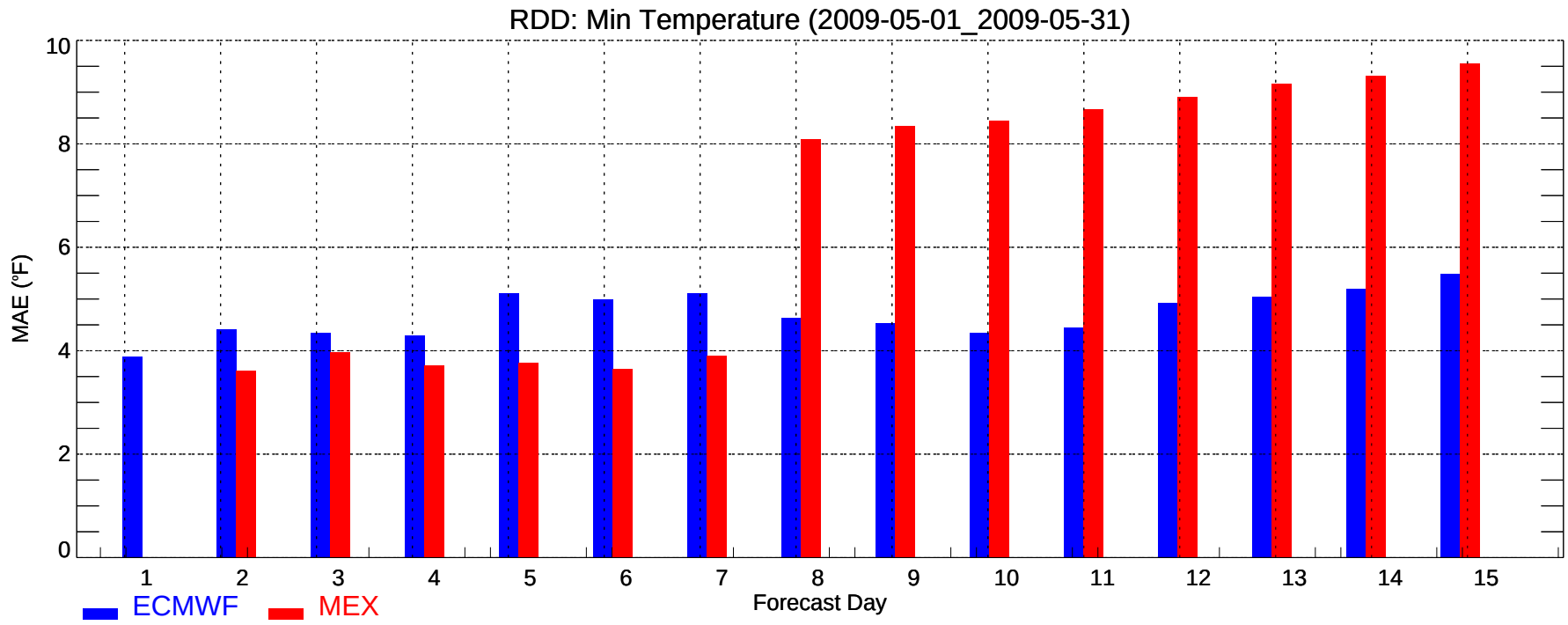
Forecast Day
ECMWF
MEX


RDD: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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1
2
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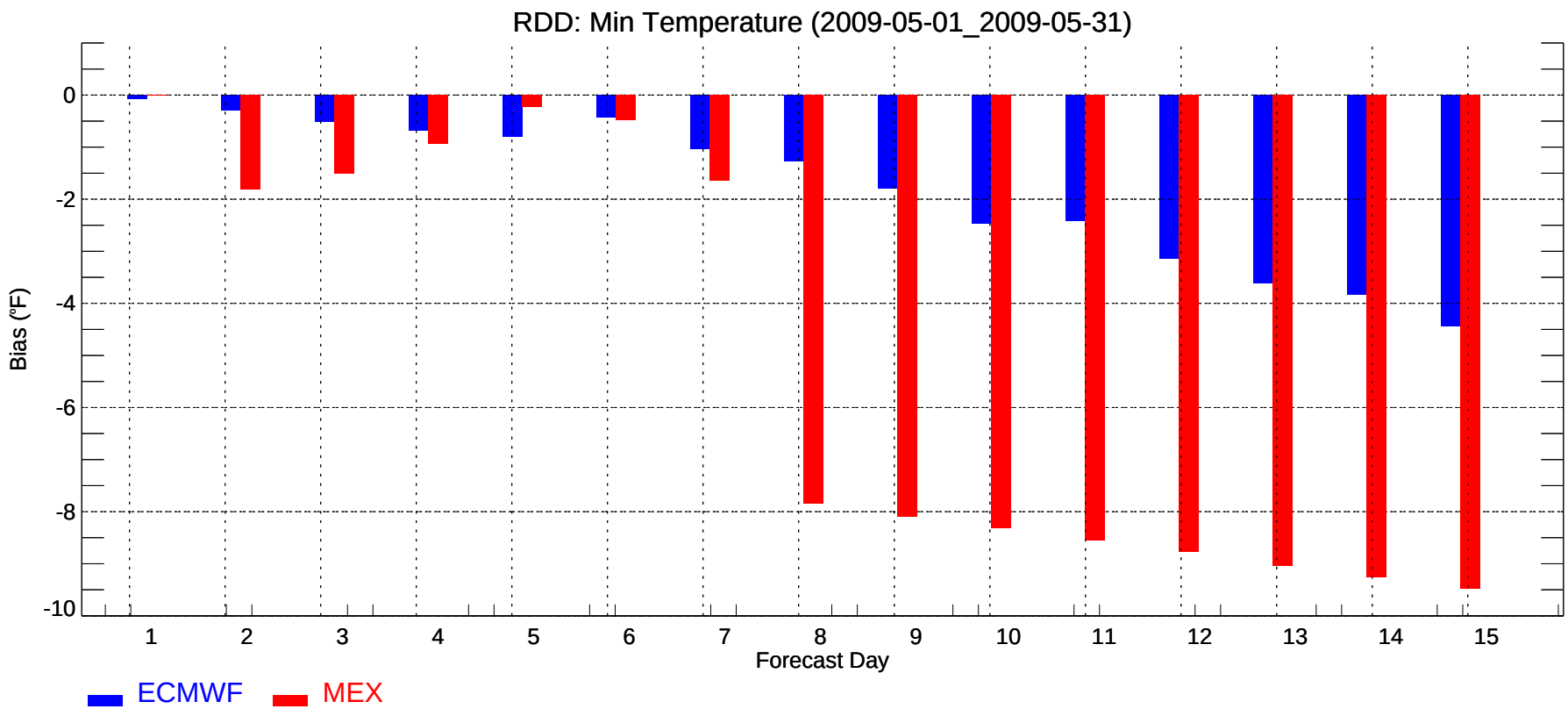
Forecast Day
ECMWF
MEX


RDD: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
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-8
-10
1
2
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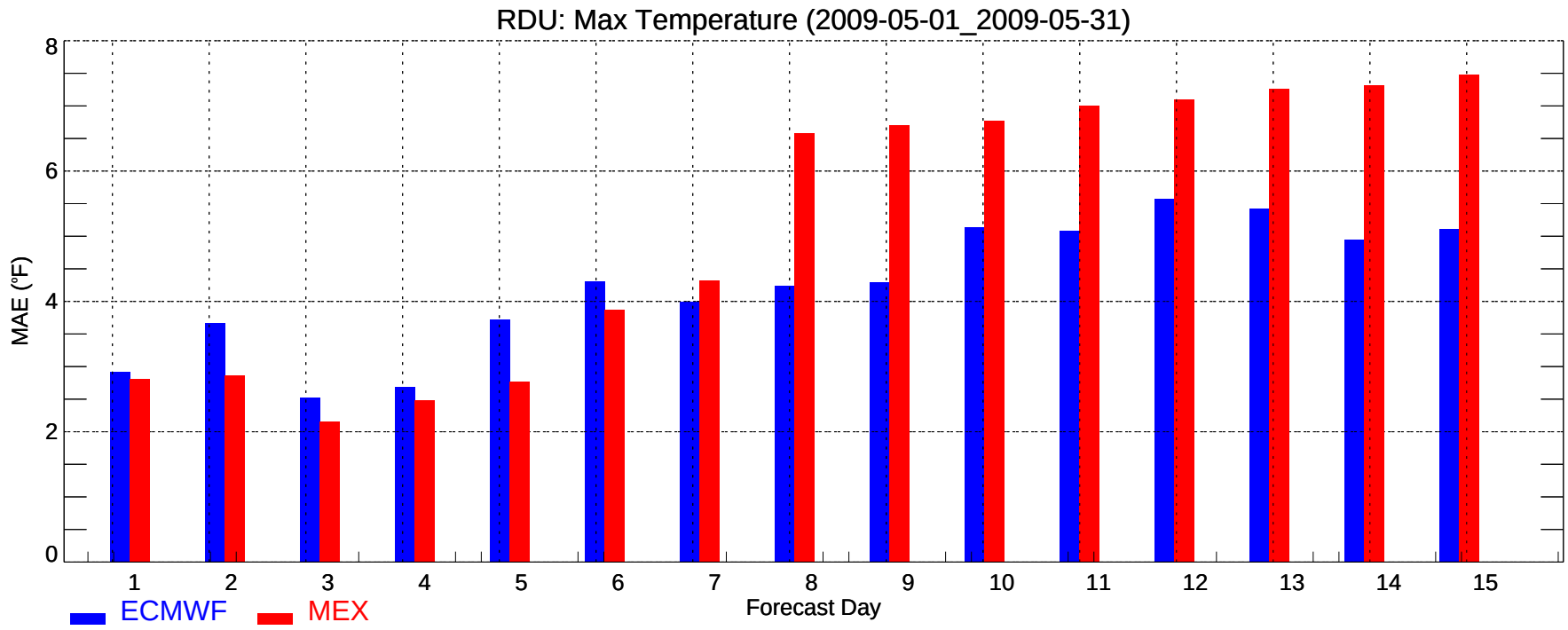
Forecast Day
ECMWF
MEX


RDU: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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2
4
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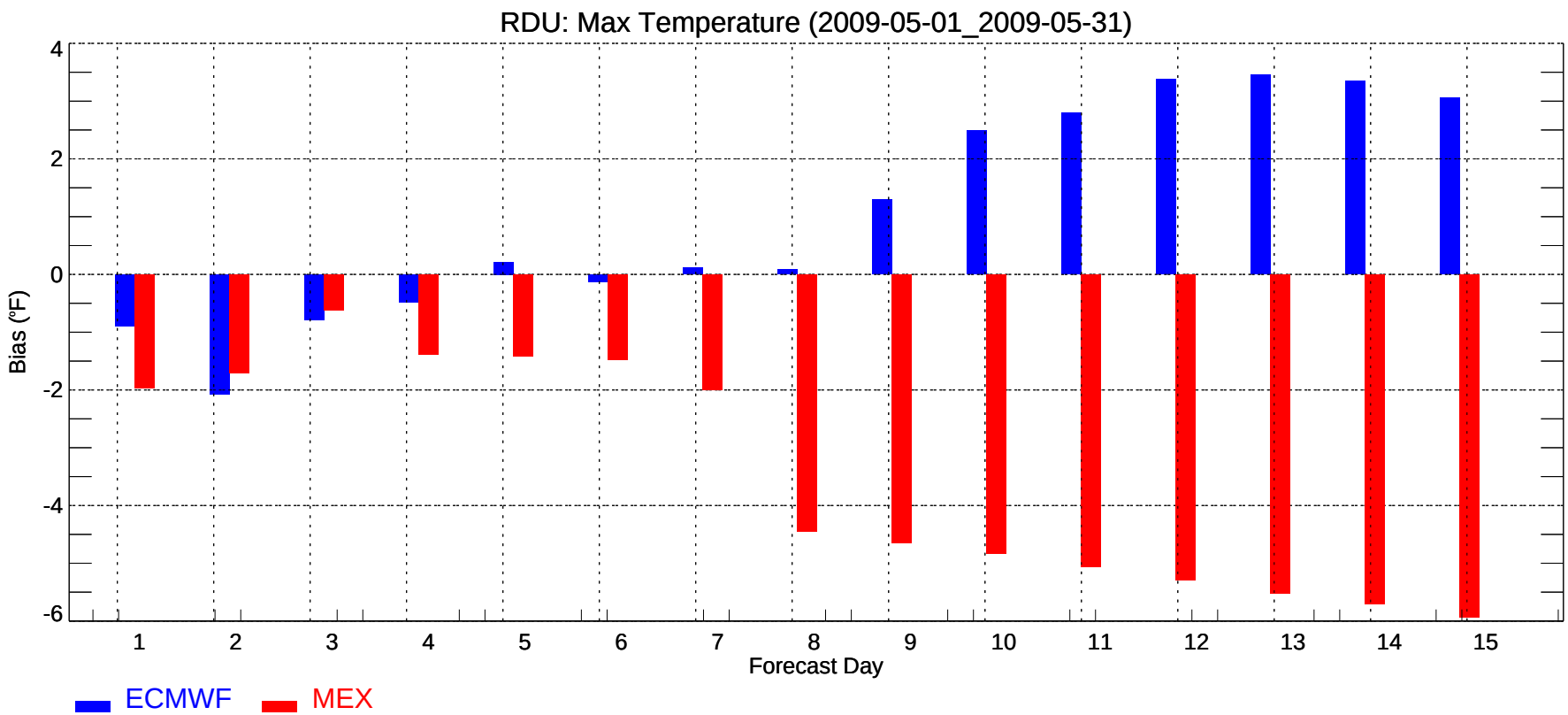
15
Forecast Day
ECMWF
MEX


RDU: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
-6
1
2
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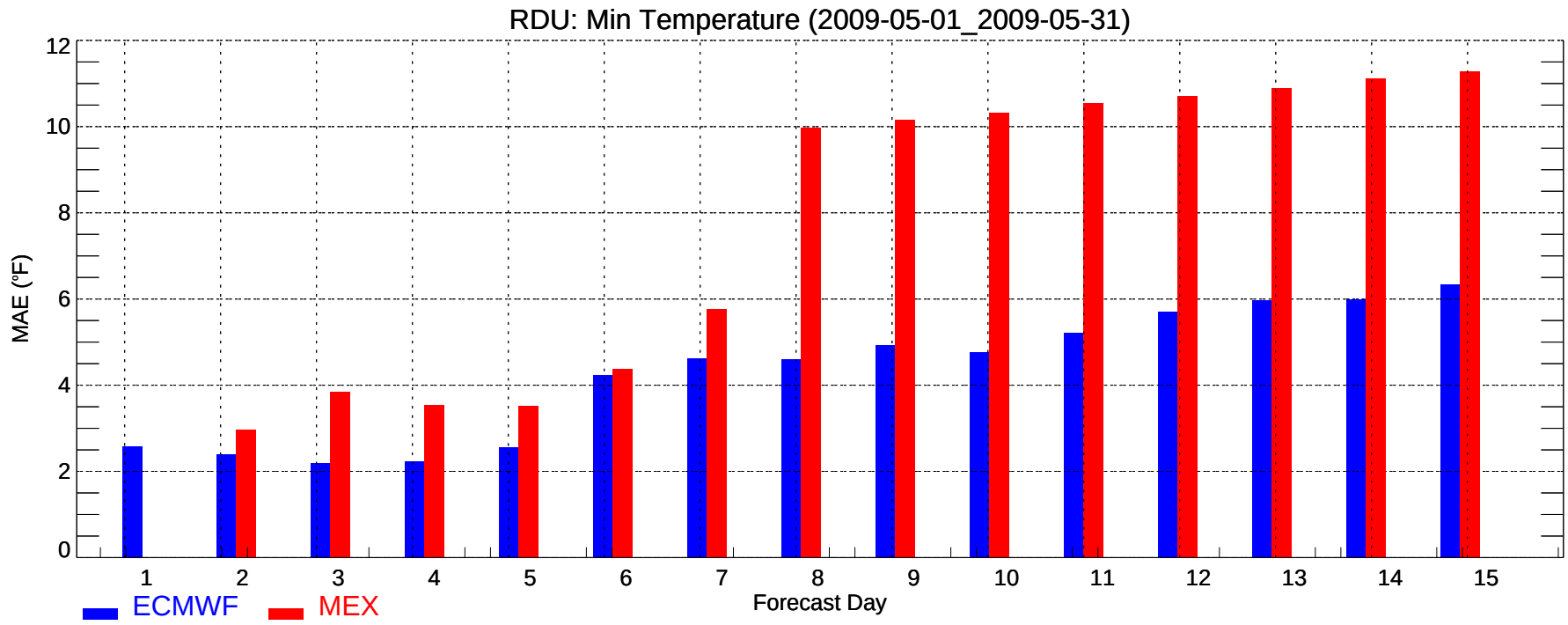
Forecast Day
ECMWF
MEX


RDU: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
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8
10
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1
2
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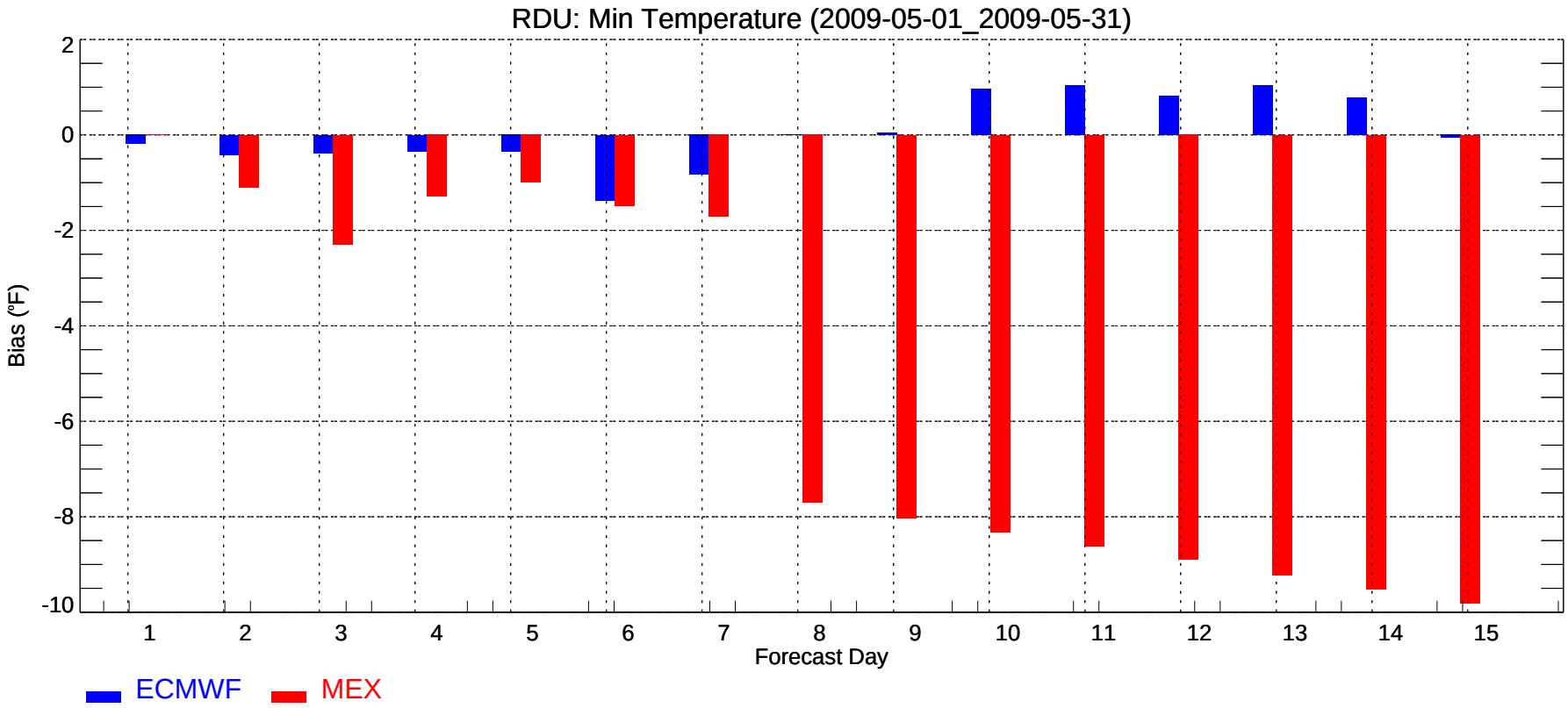
Forecast Day
ECMWF
MEX


RDU: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
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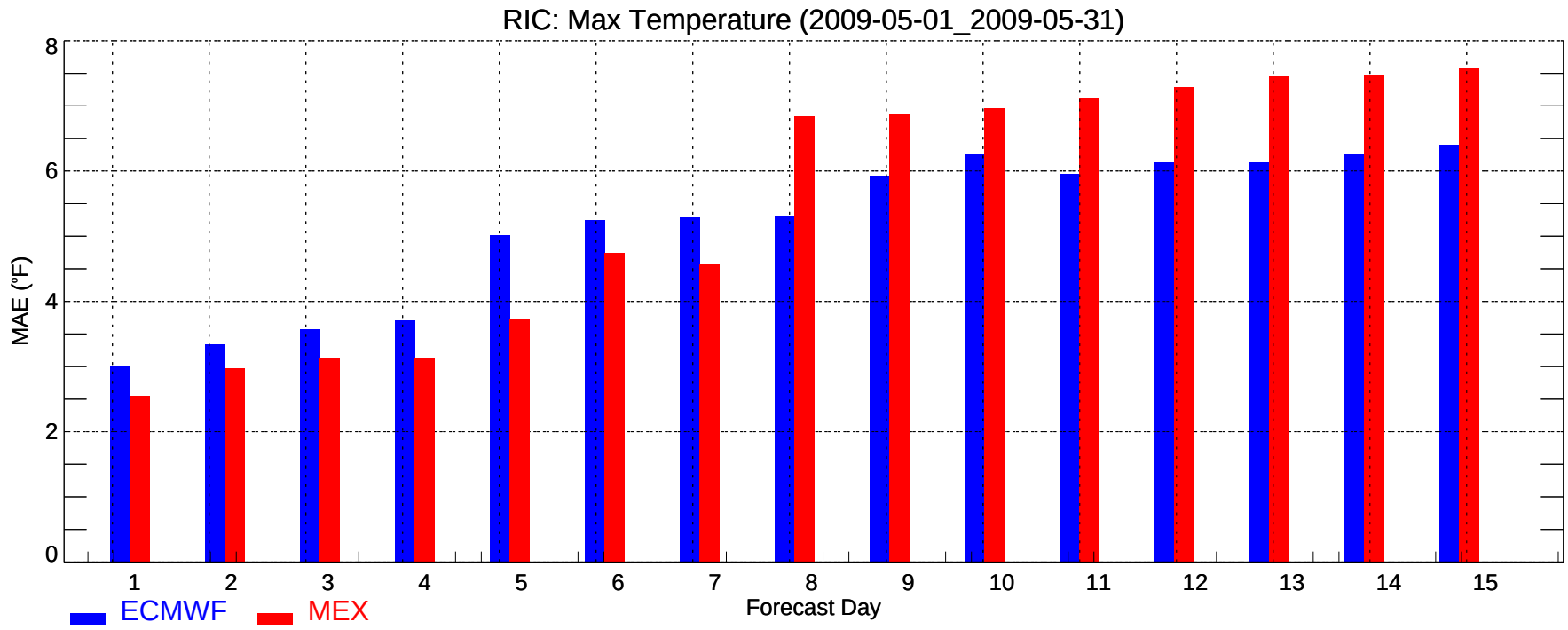
Forecast Day
ECMWF
MEX


RIC: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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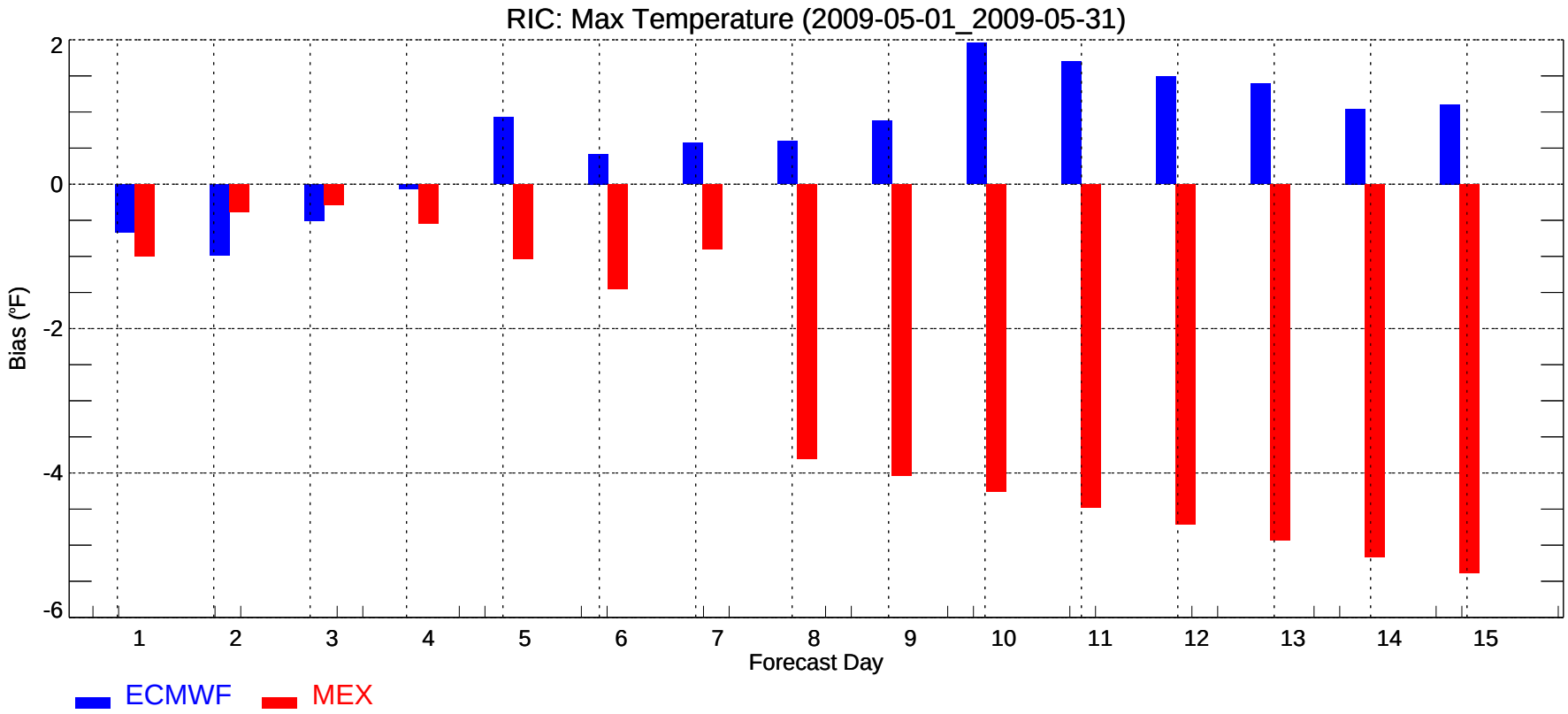
14
15
Forecast Day
ECMWF
MEX


RIC: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
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-2
-4
-6
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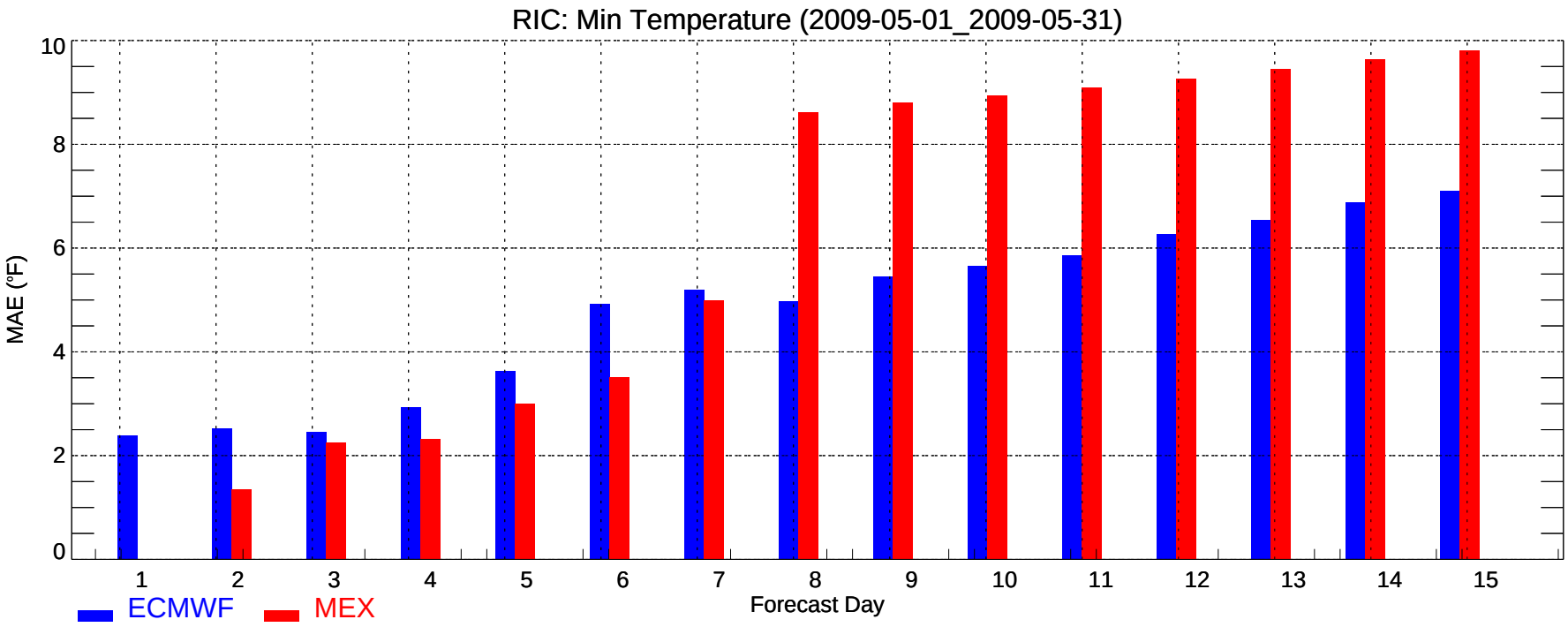
Forecast Day
ECMWF
MEX


RIC: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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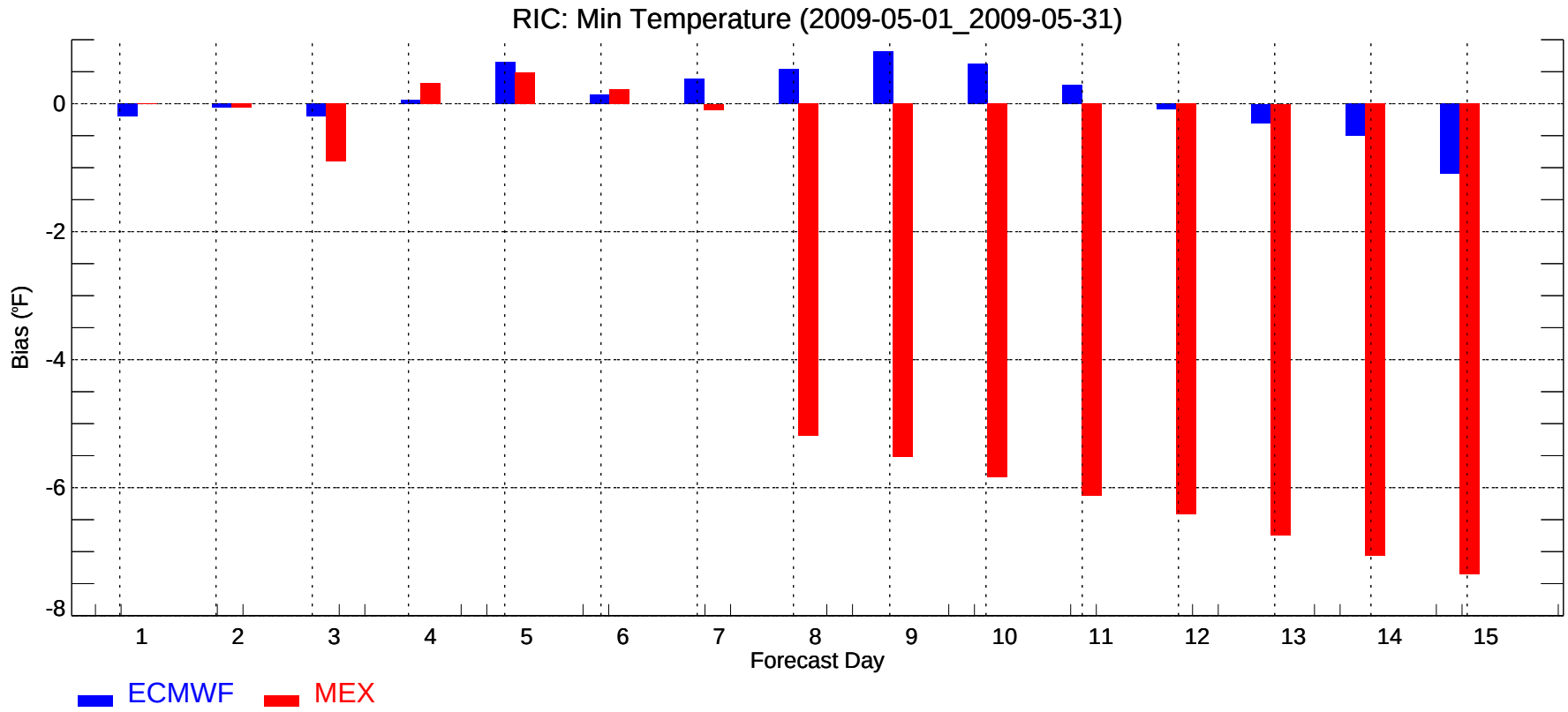
Forecast Day
ECMWF
MEX


RIC: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
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-6
-8
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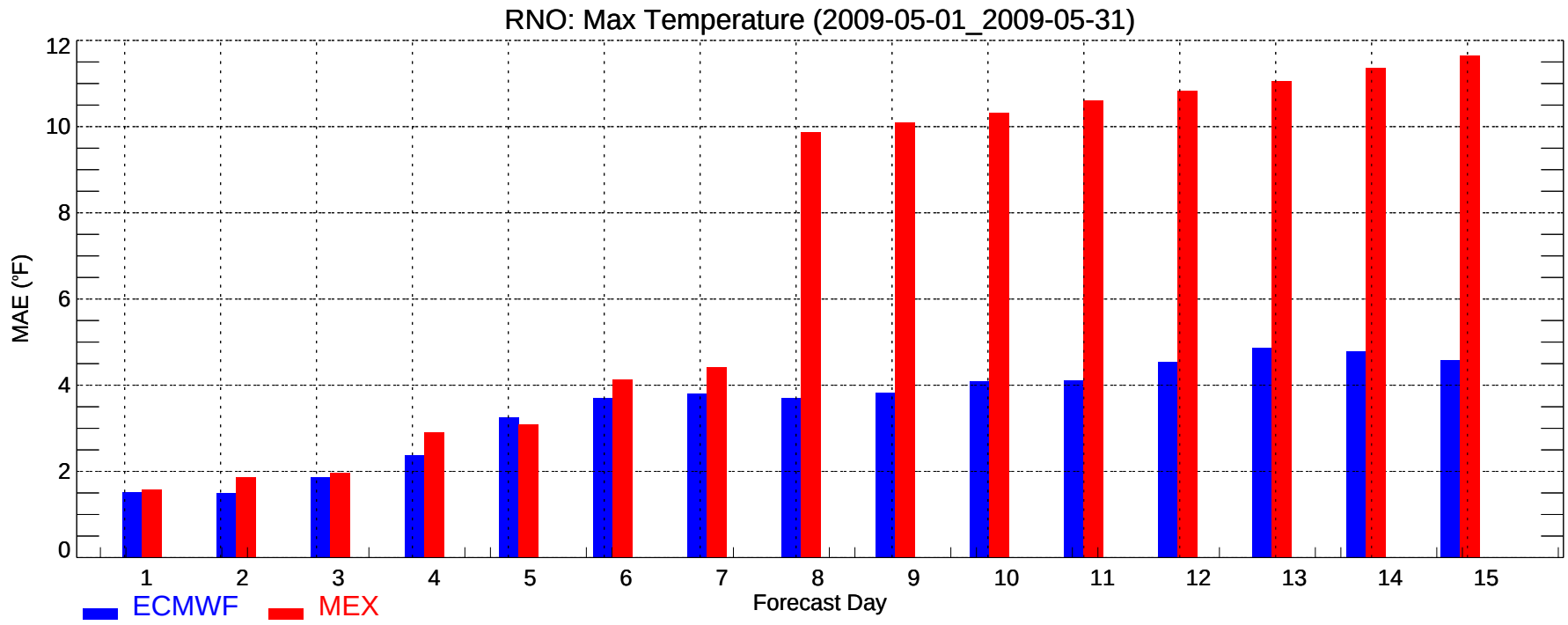
Forecast Day
ECMWF
MEX


RNO: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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1
2
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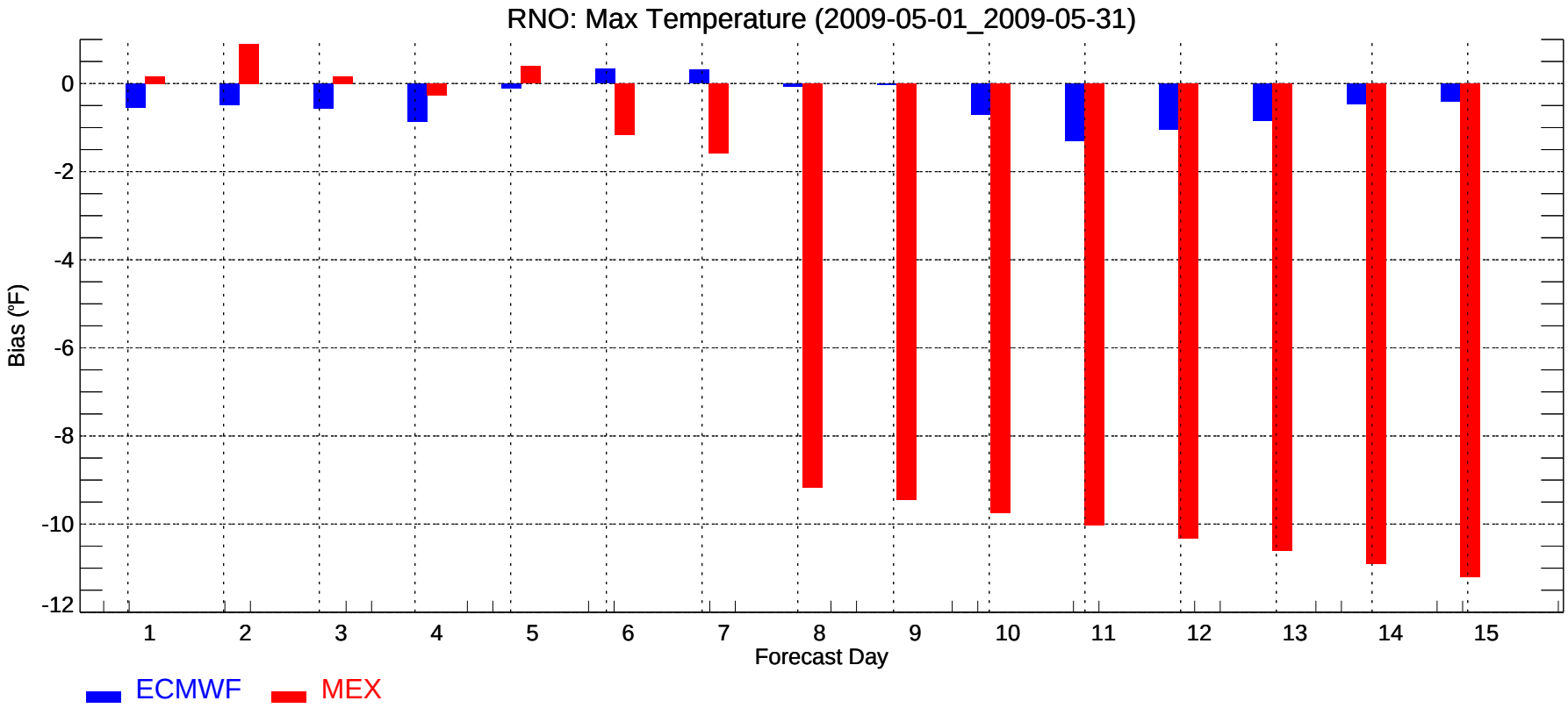
Forecast Day
ECMWF
MEX


RNO: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
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-10
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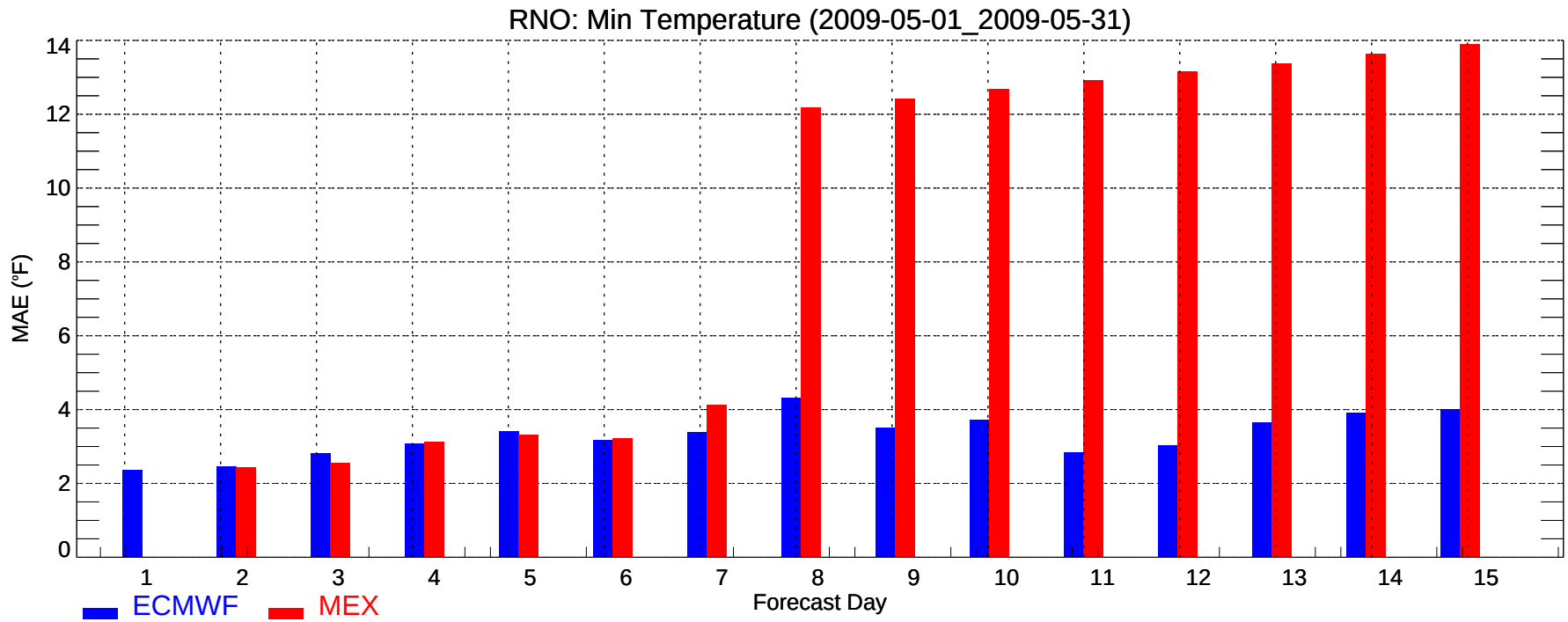
Forecast Day
ECMWF
MEX


RNO: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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12
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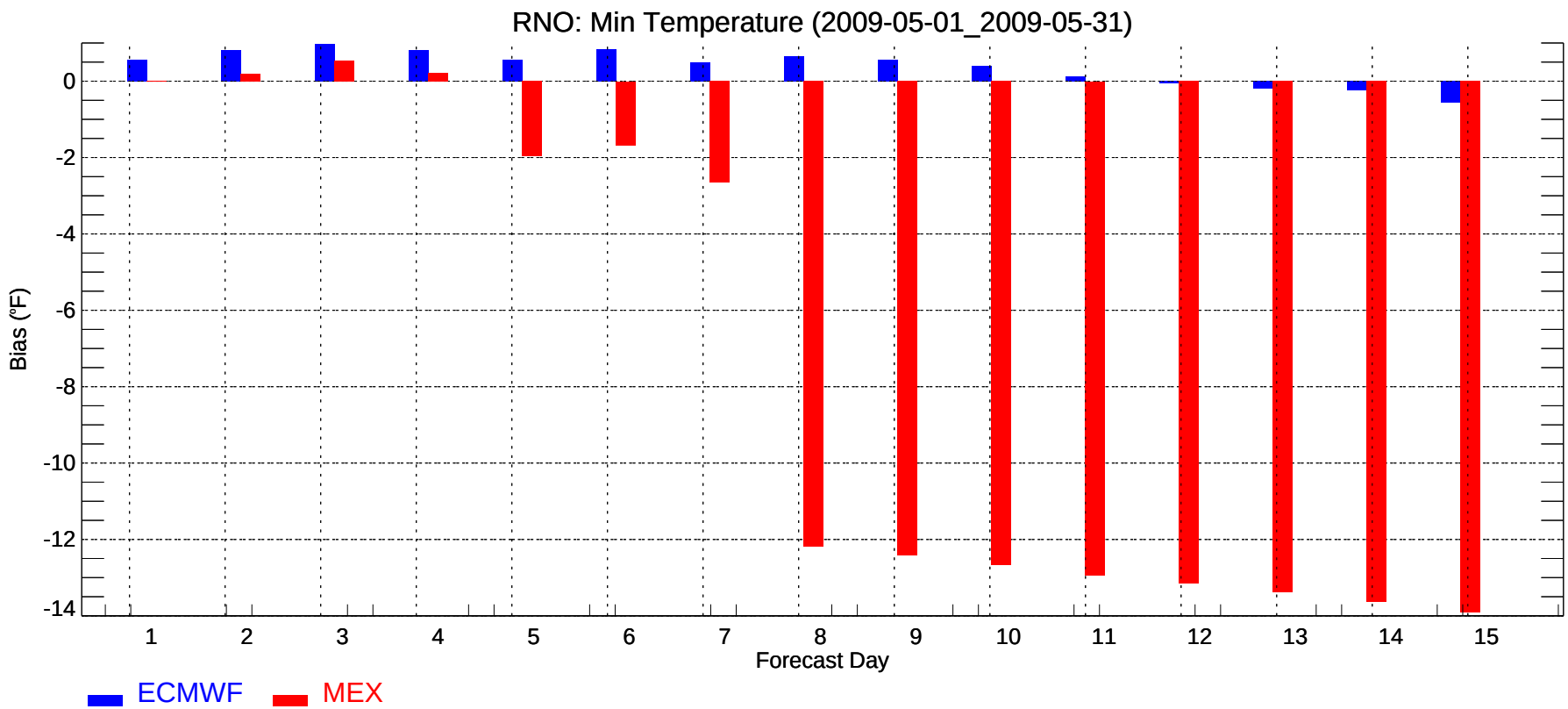
Forecast Day
ECMWF
MEX


RNO: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
-14
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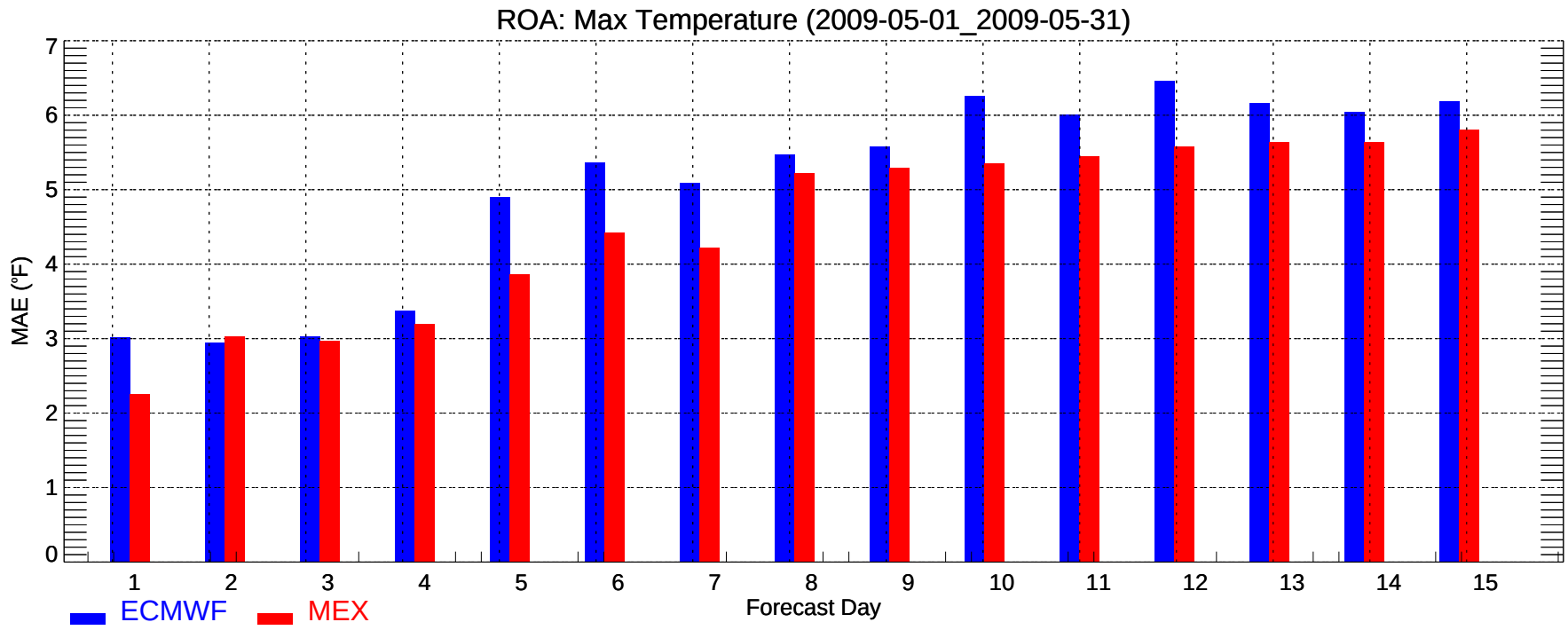
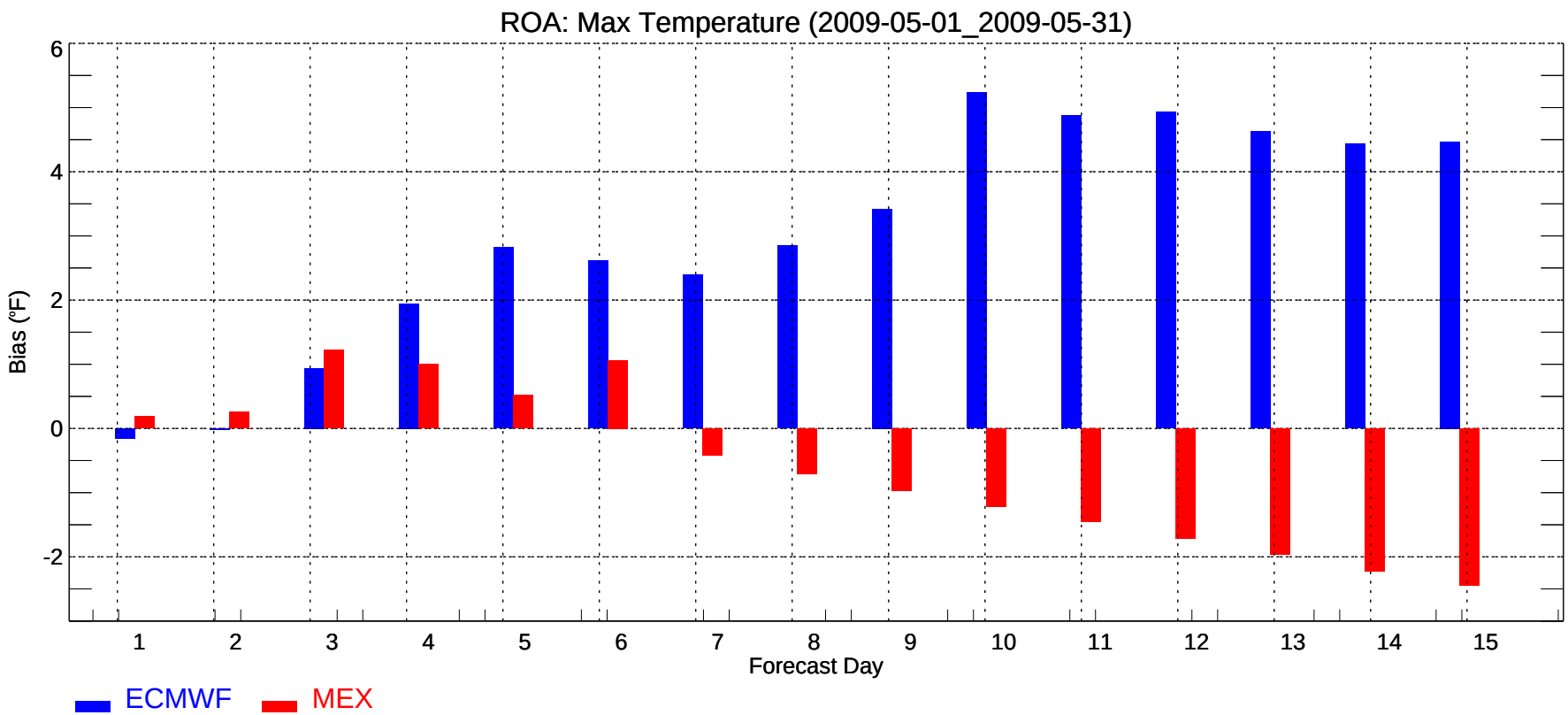
Forecast Day
ECMWF
MEX


ROA: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ROA: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
-2
0
2
4
6
1
2
3
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5
6
7
8
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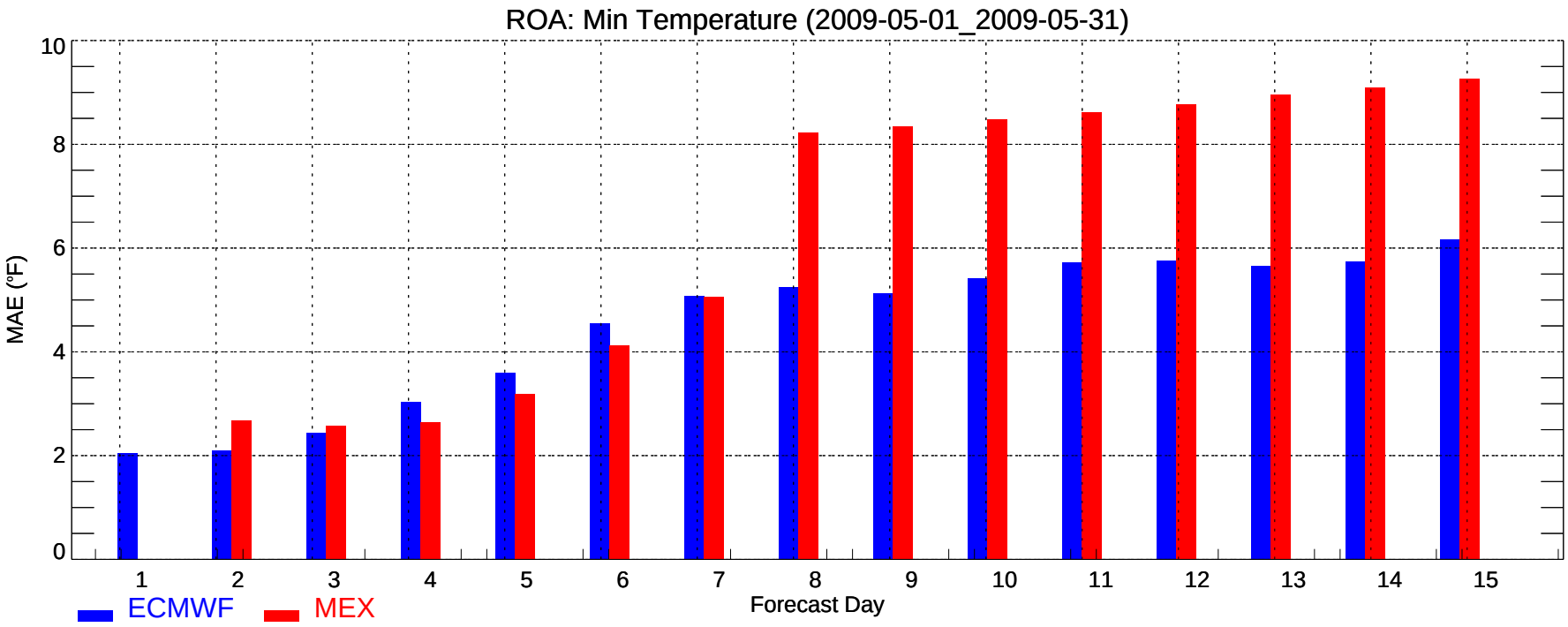
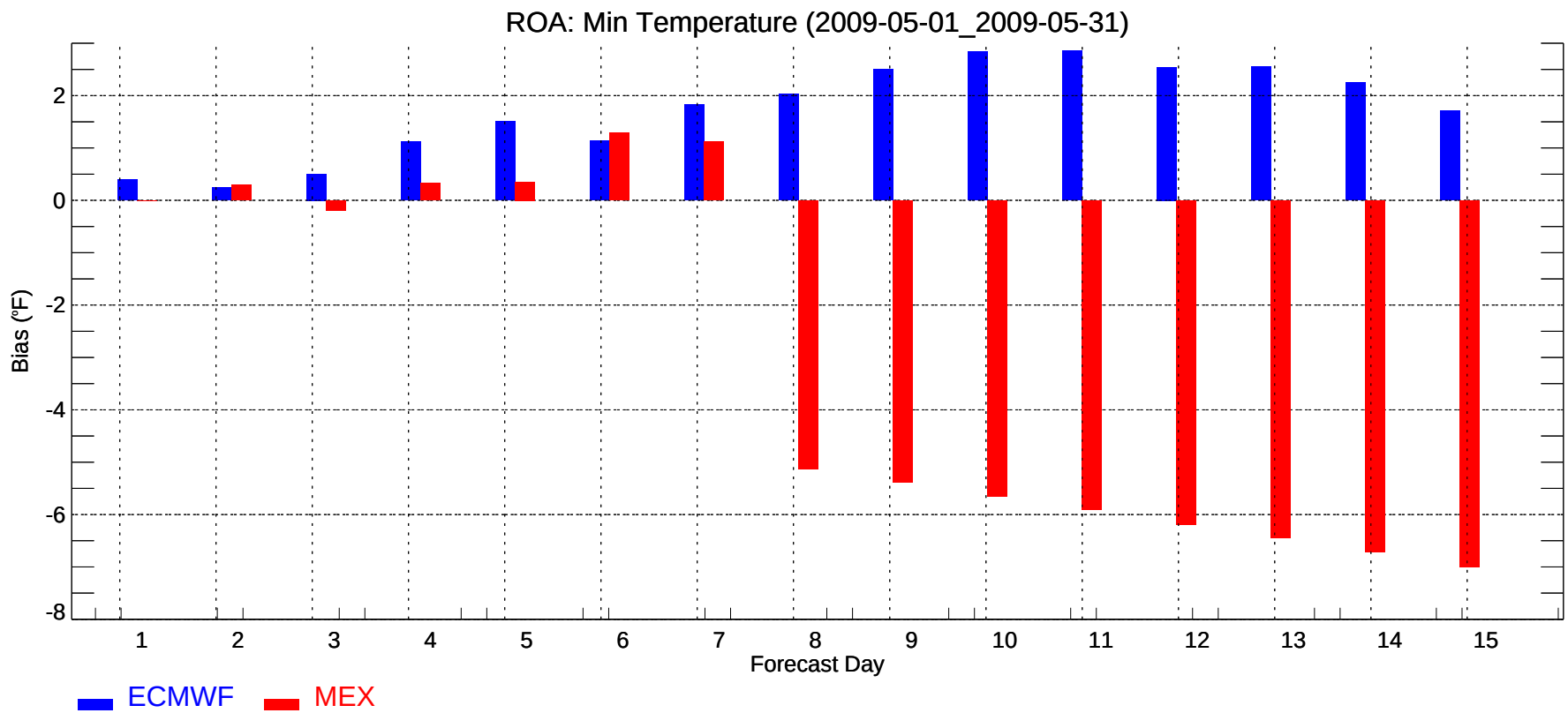
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ROA: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ROA: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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5
6
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8
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11
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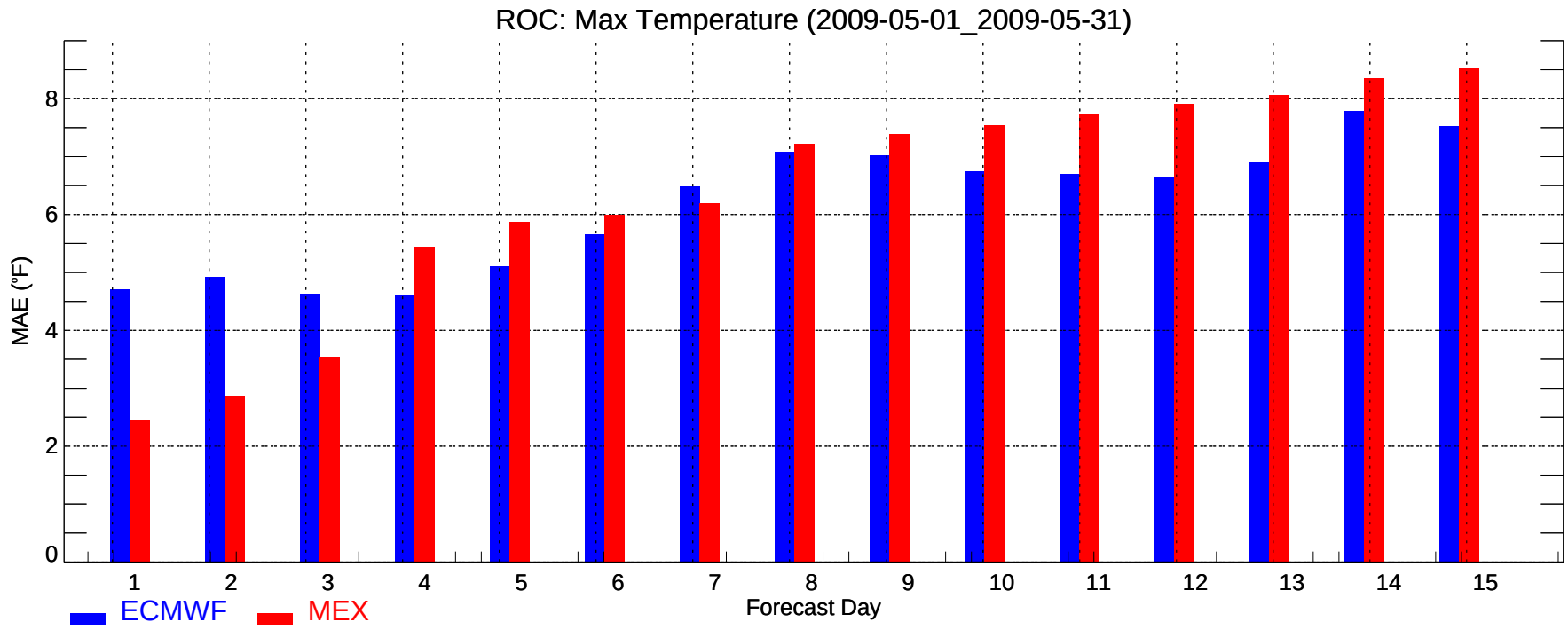
13
14
15
Forecast Day
ECMWF
MEX


ROC: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
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8
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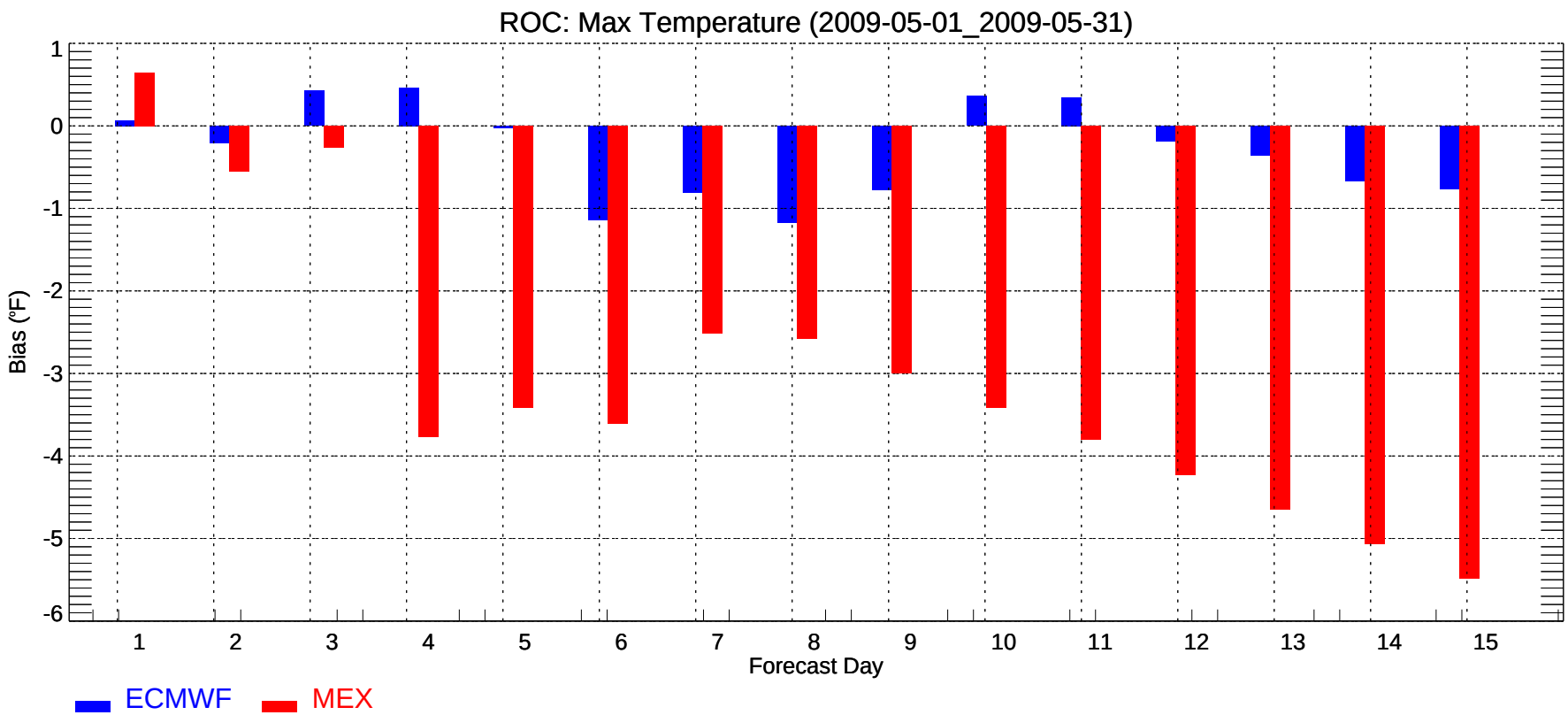
11
12
13
14
15
Forecast Day
ECMWF
MEX


ROC: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
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4
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6
7
8
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13
14
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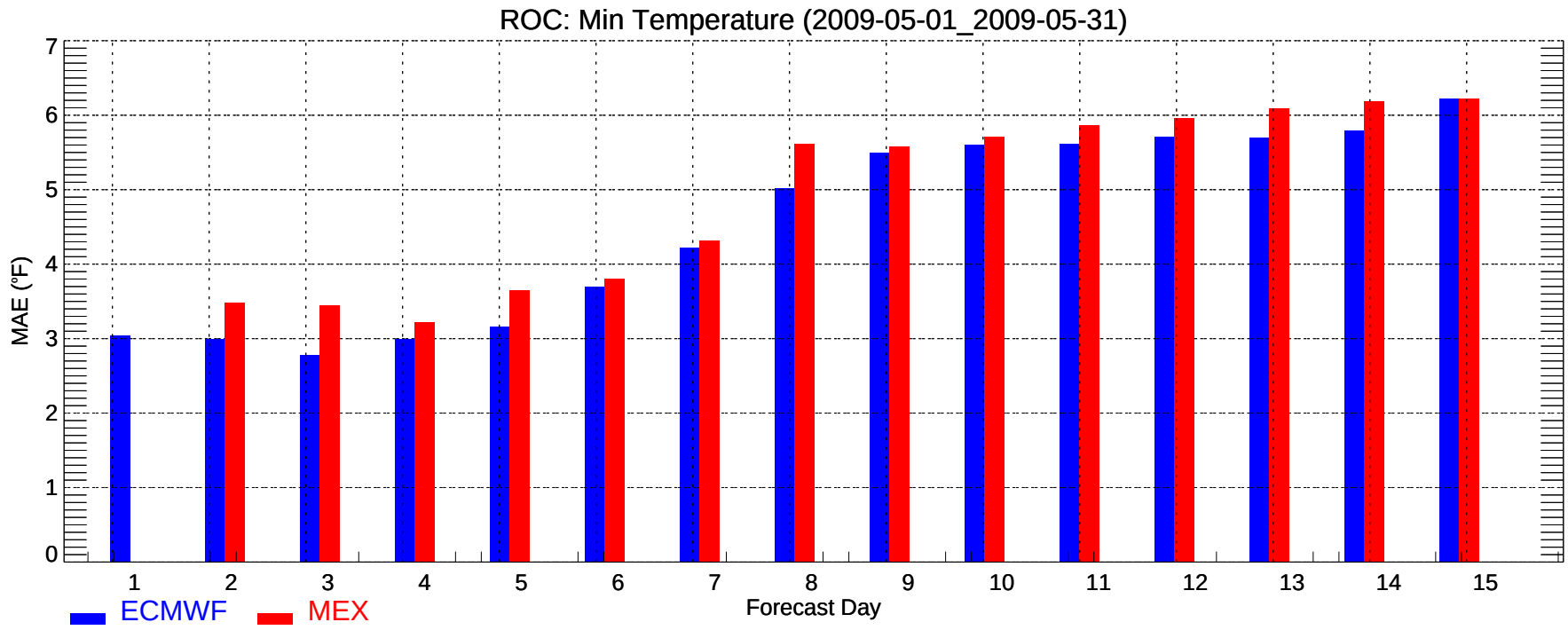
Forecast Day
ECMWF
MEX


ROC: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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5
6
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8
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10
11
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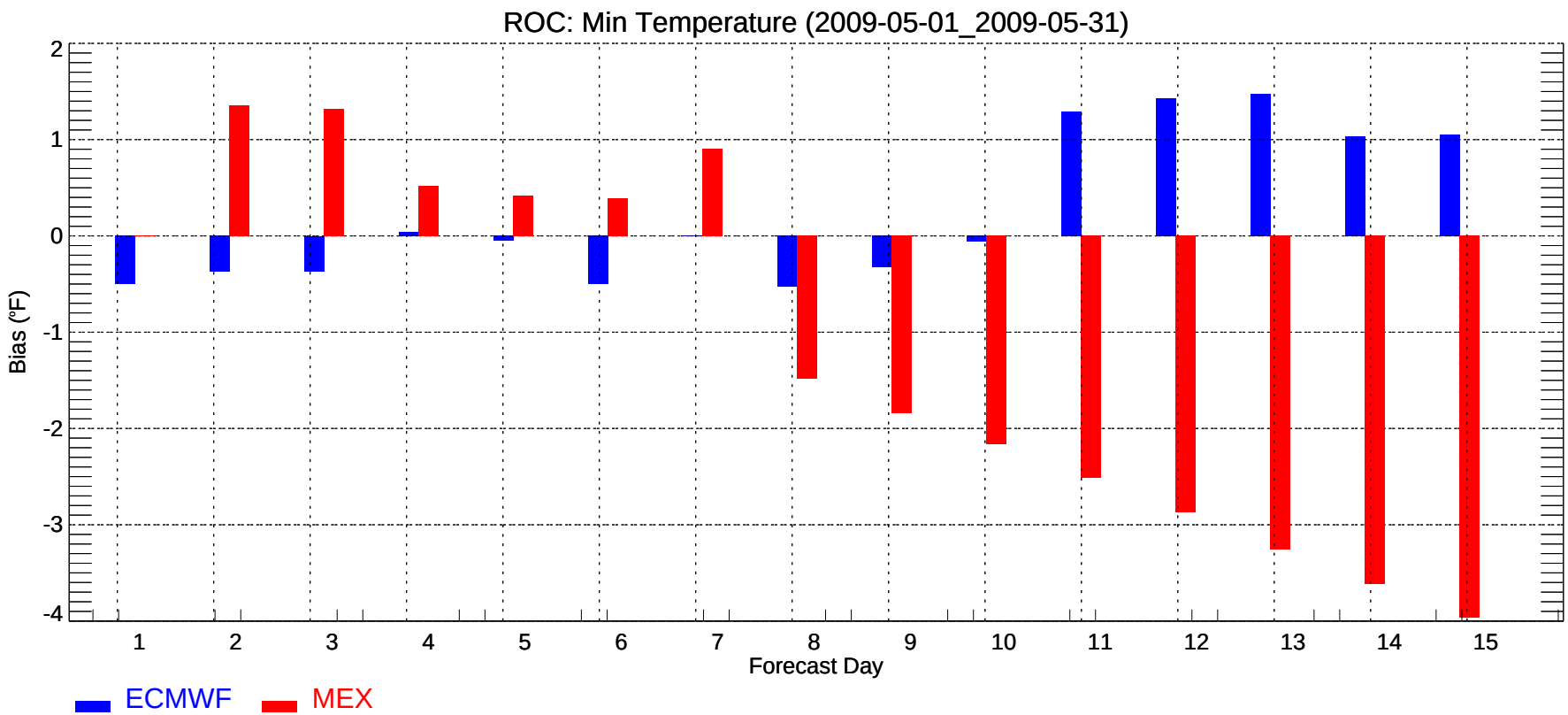
14
15
Forecast Day
ECMWF
MEX


ROC: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
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11
12
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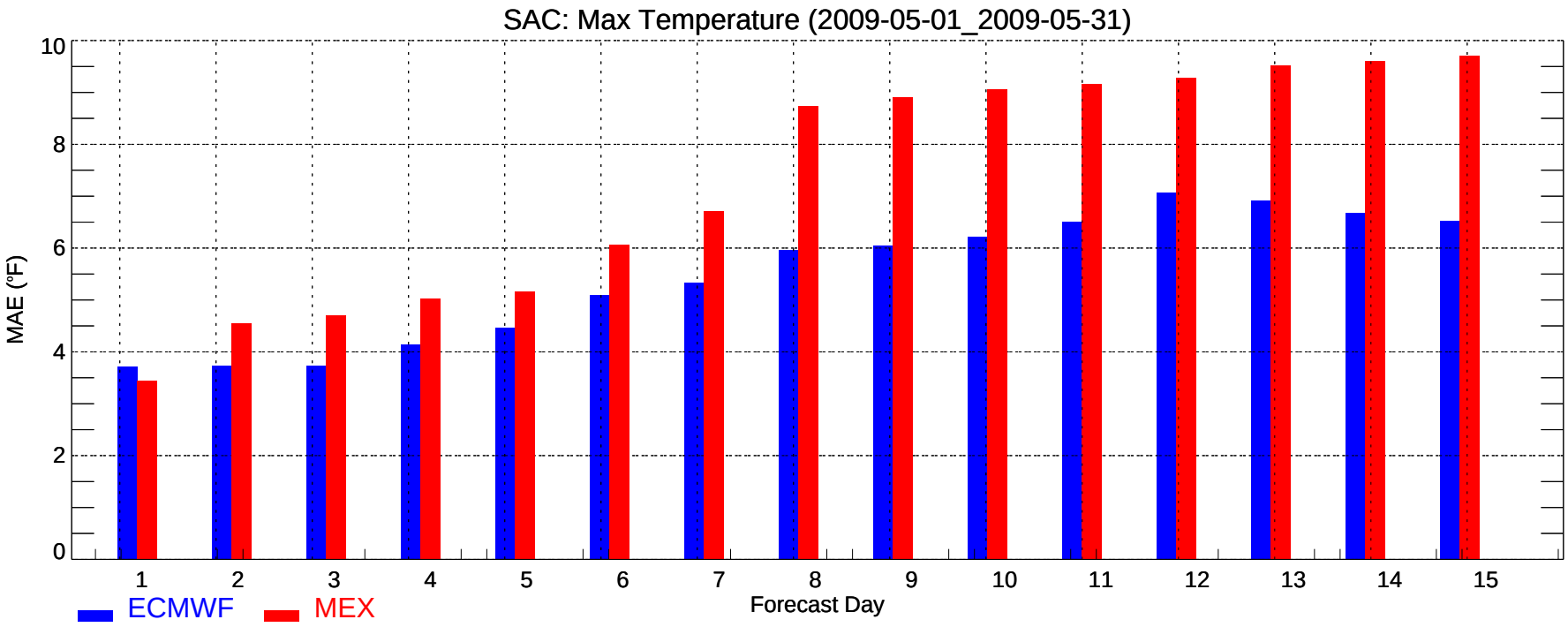
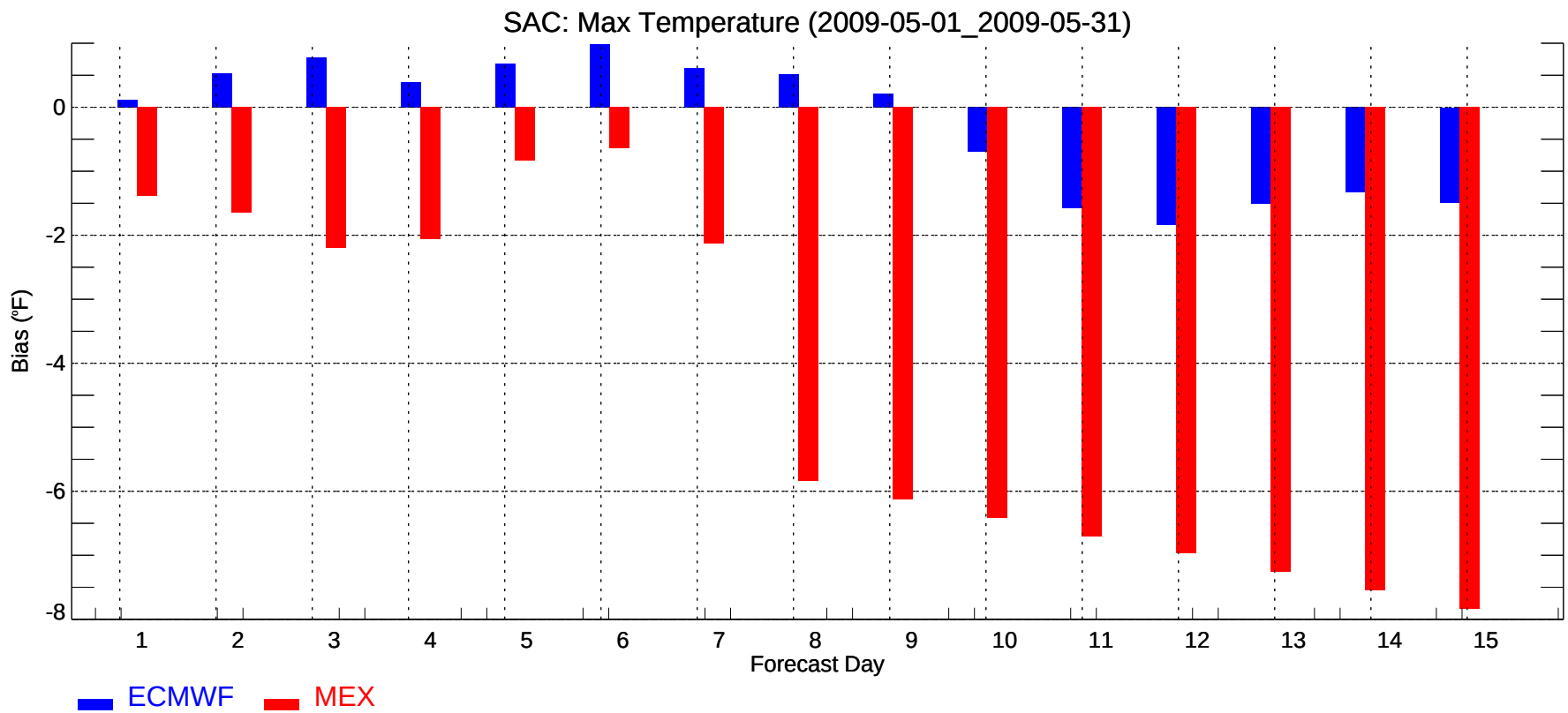
14
15
Forecast Day
ECMWF
MEX


SAC: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAC: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
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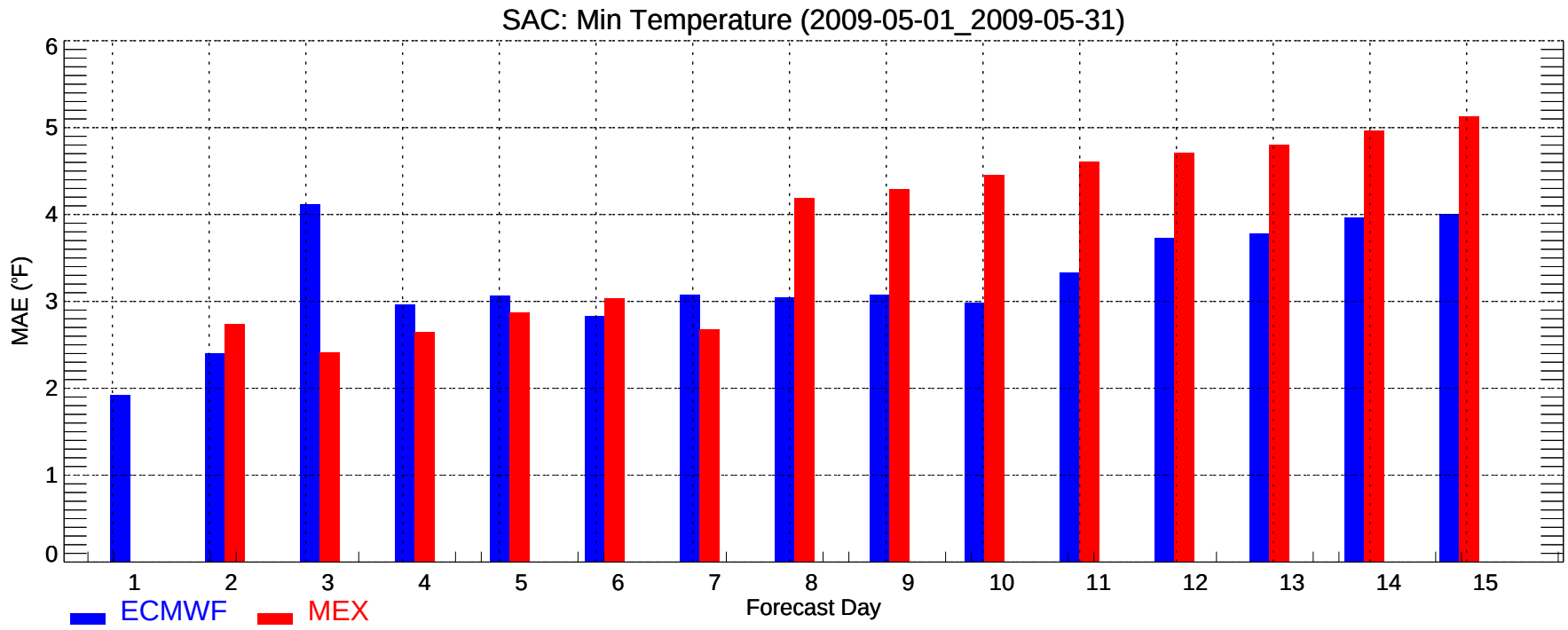
14
15
Forecast Day
ECMWF
MEX


SAC: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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2
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4
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6
1
2
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11
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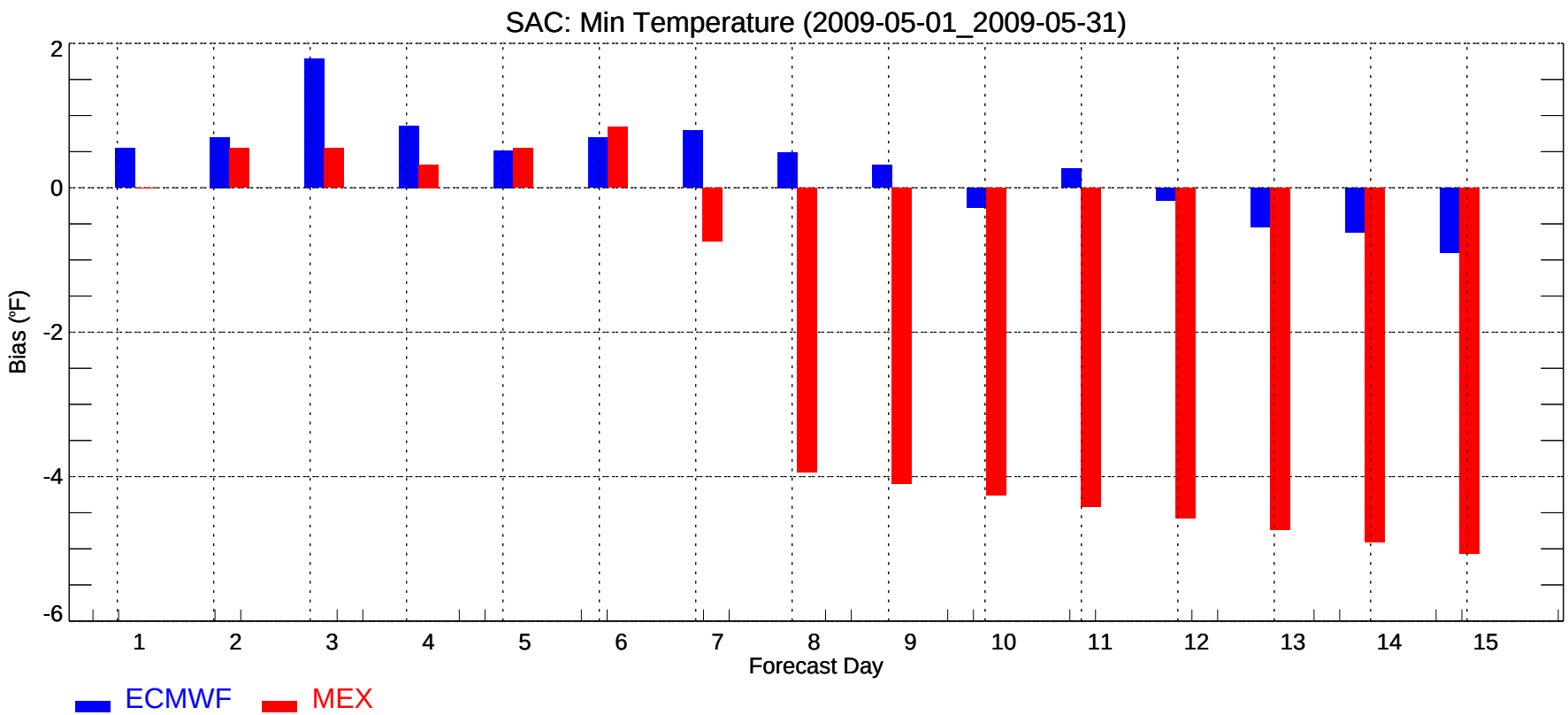
13
14
15
Forecast Day
ECMWF
MEX


SAC: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
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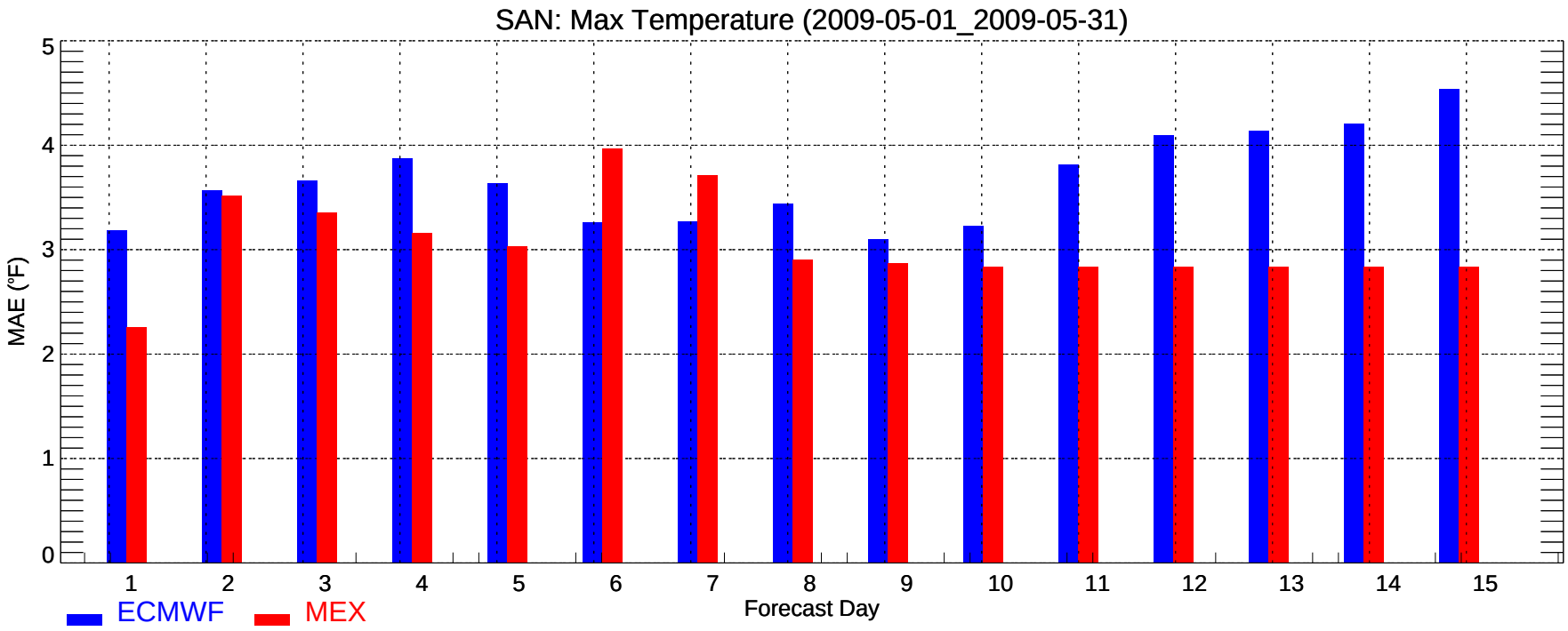
14
15
Forecast Day
ECMWF
MEX


SAN: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
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5
1
2
3
4
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6
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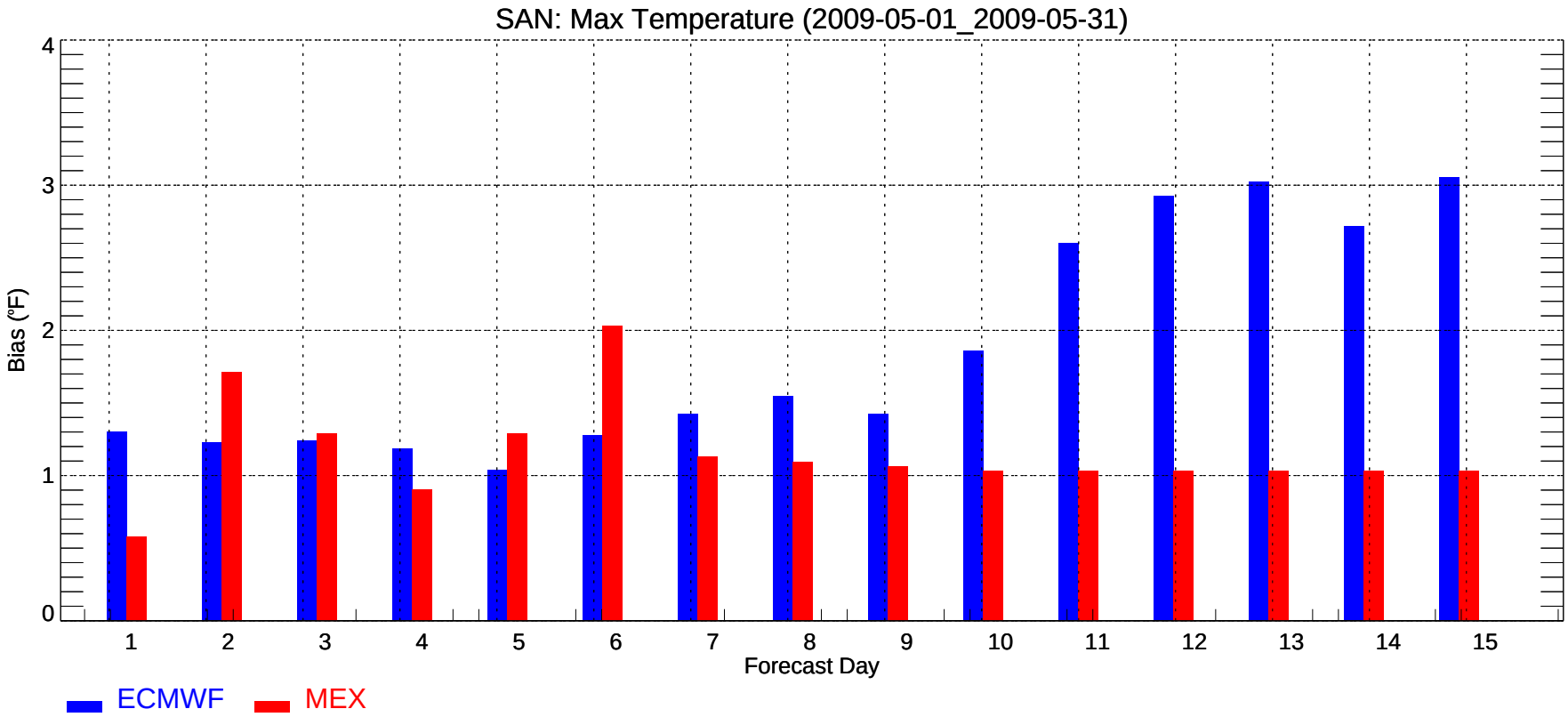
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAN: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
1
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4
1
2
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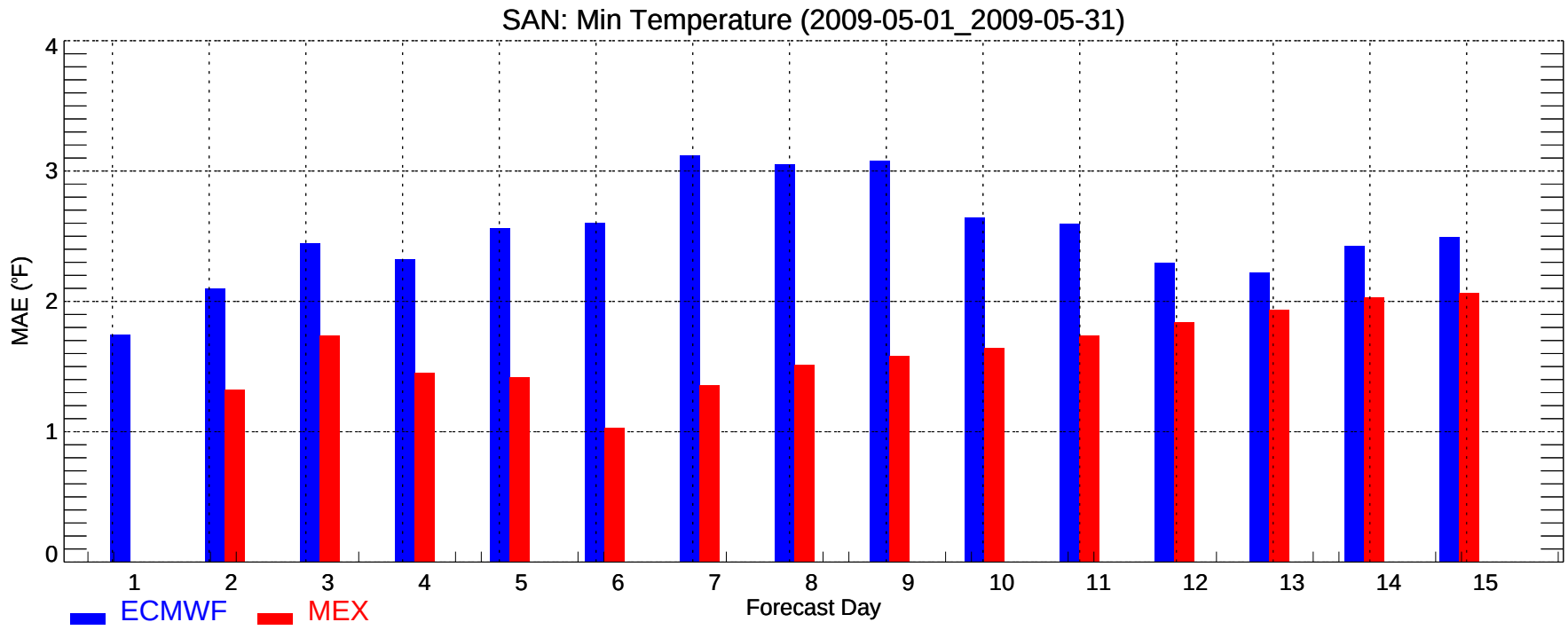
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAN: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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4
1
2
3
4
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6
7
8
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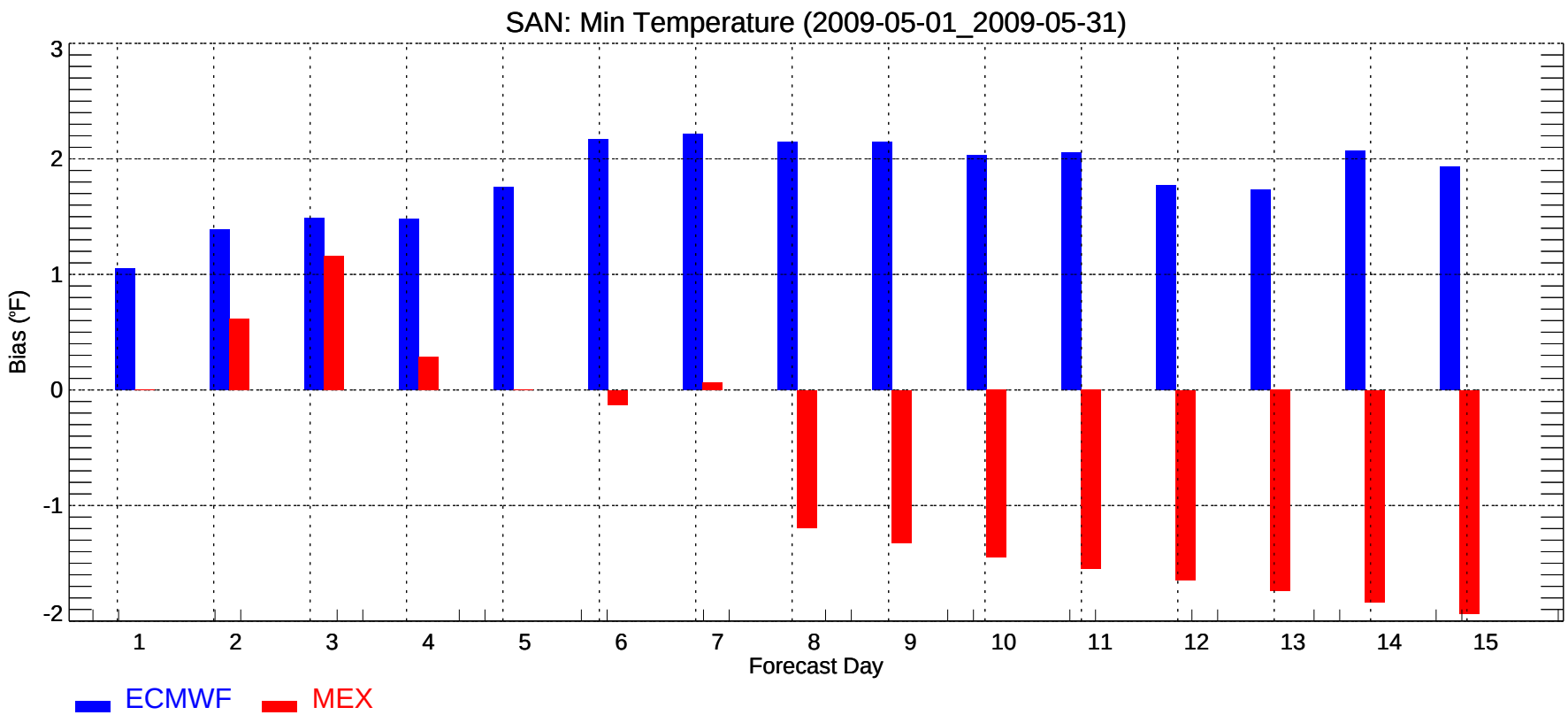
13
14
15
Forecast Day
ECMWF
MEX


SAN: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
-2
-1
0
1
2
3
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2
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6
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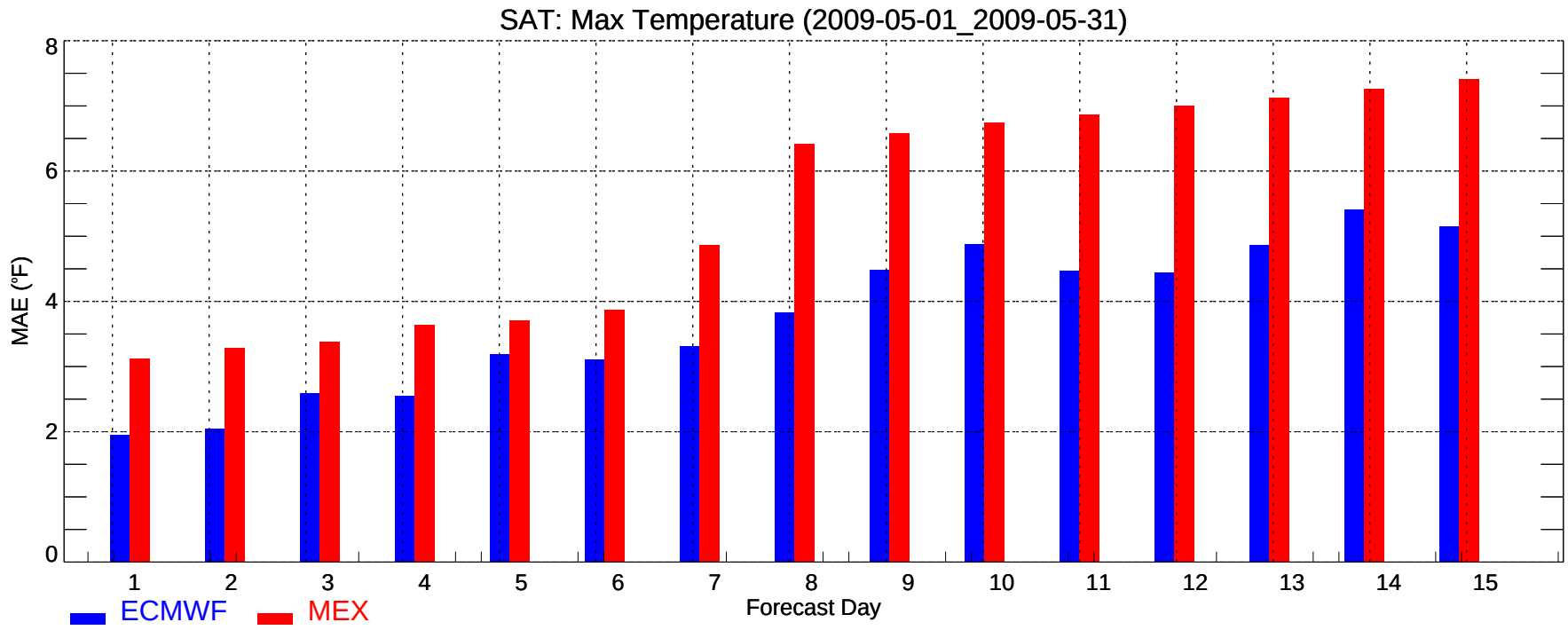
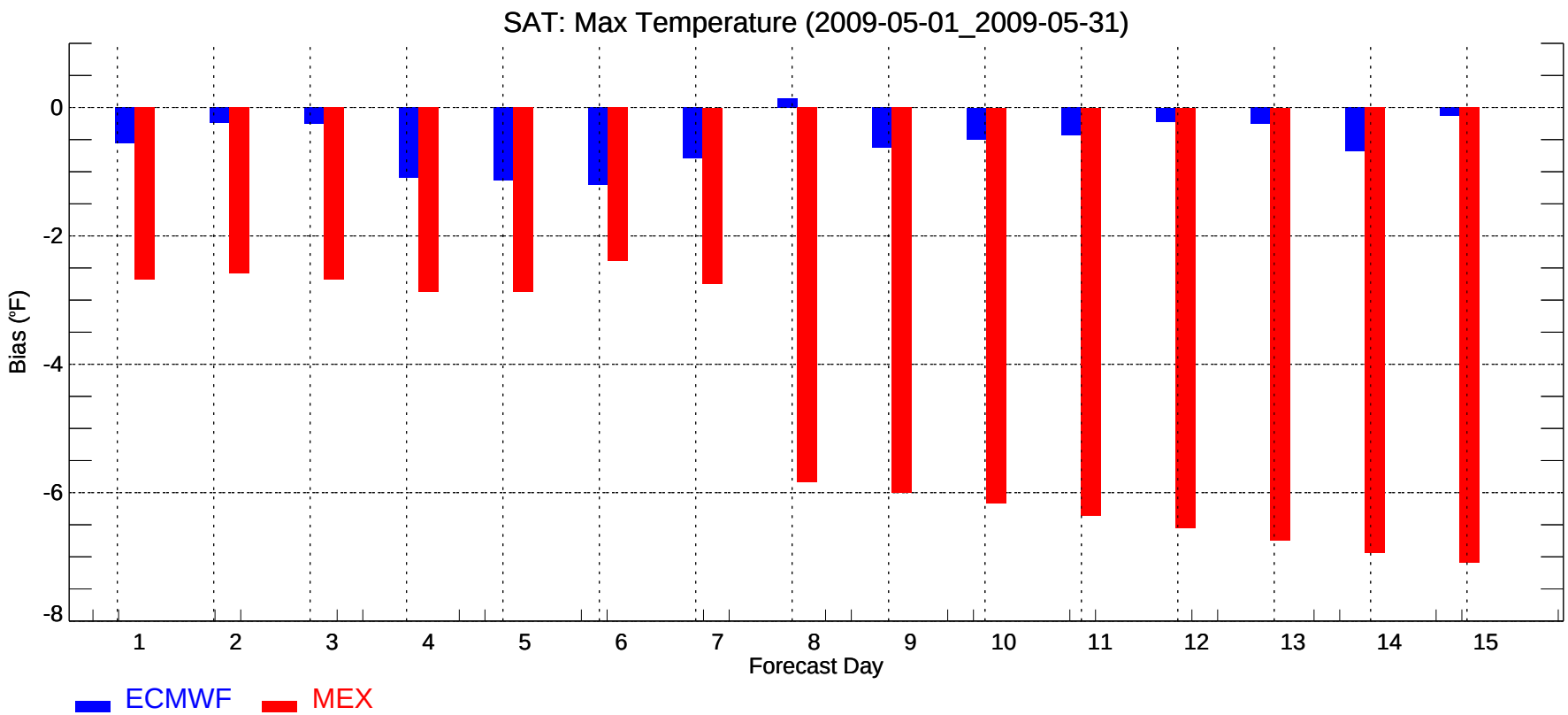
Forecast Day
ECMWF
MEX


SAT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
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6
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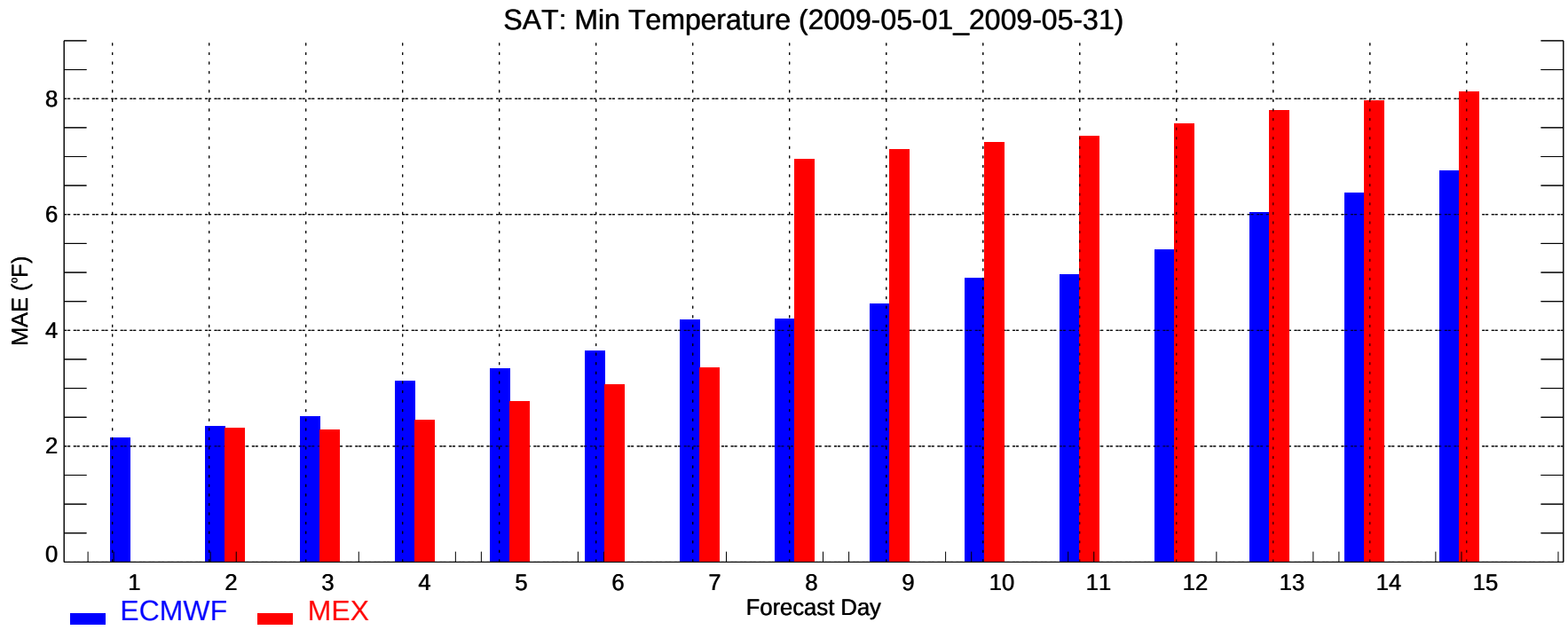
Forecast Day
ECMWF
MEX


SAT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
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5
6
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8
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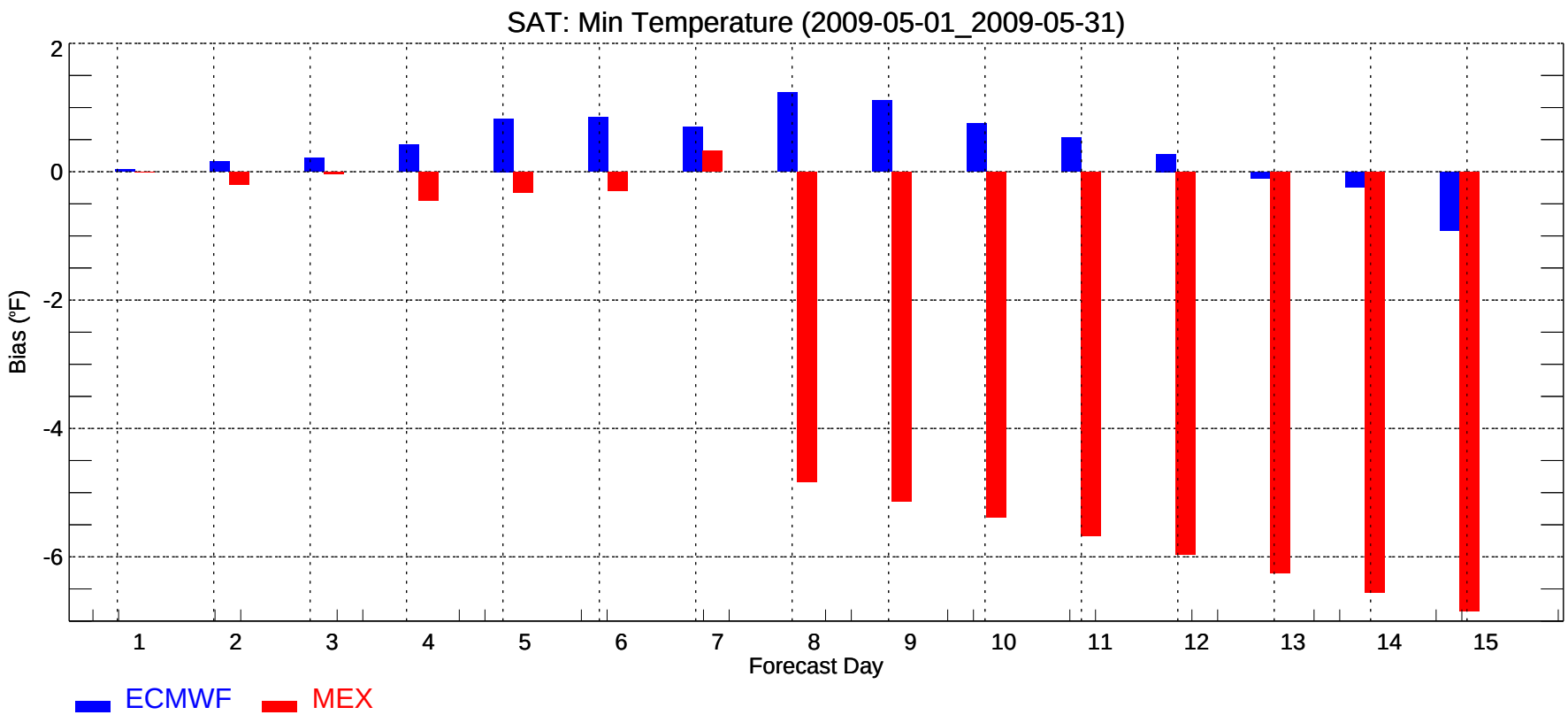
Forecast Day
ECMWF
MEX


SAT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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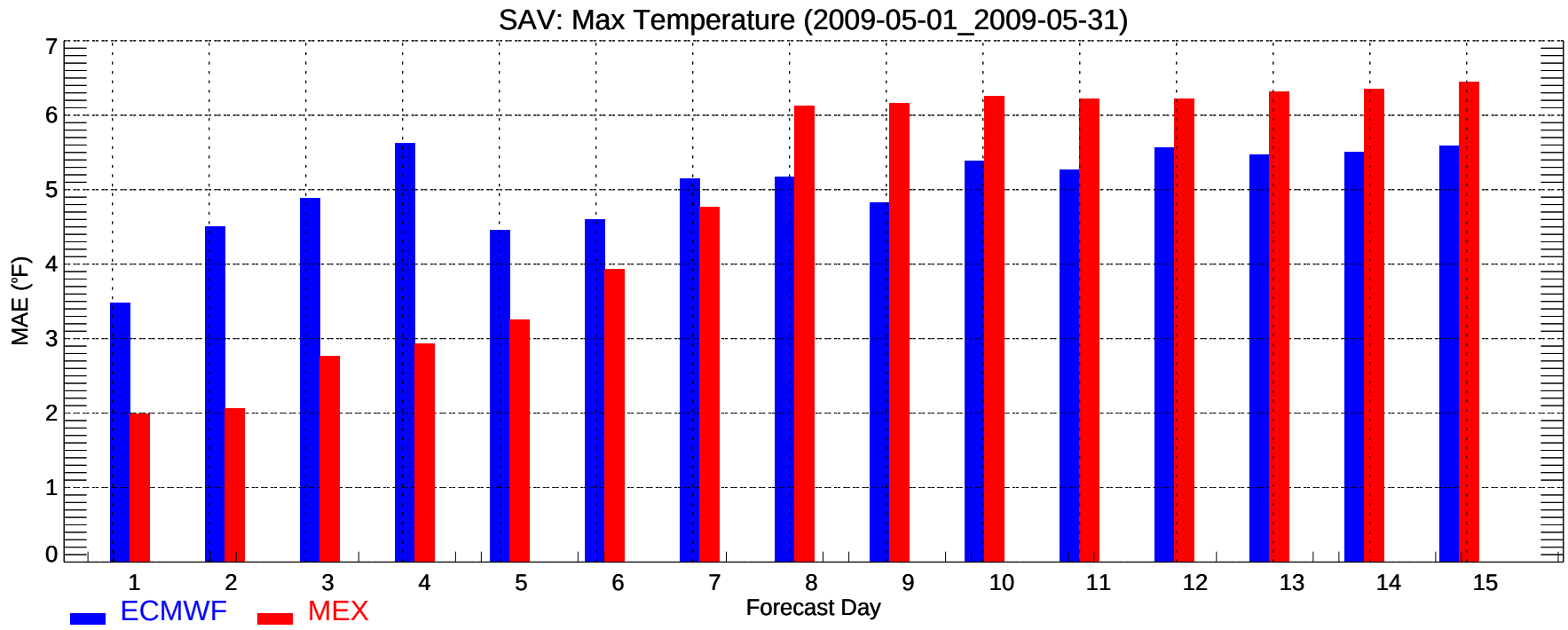
Forecast Day
ECMWF
MEX


SAV: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
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2
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5
6
7
8
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13
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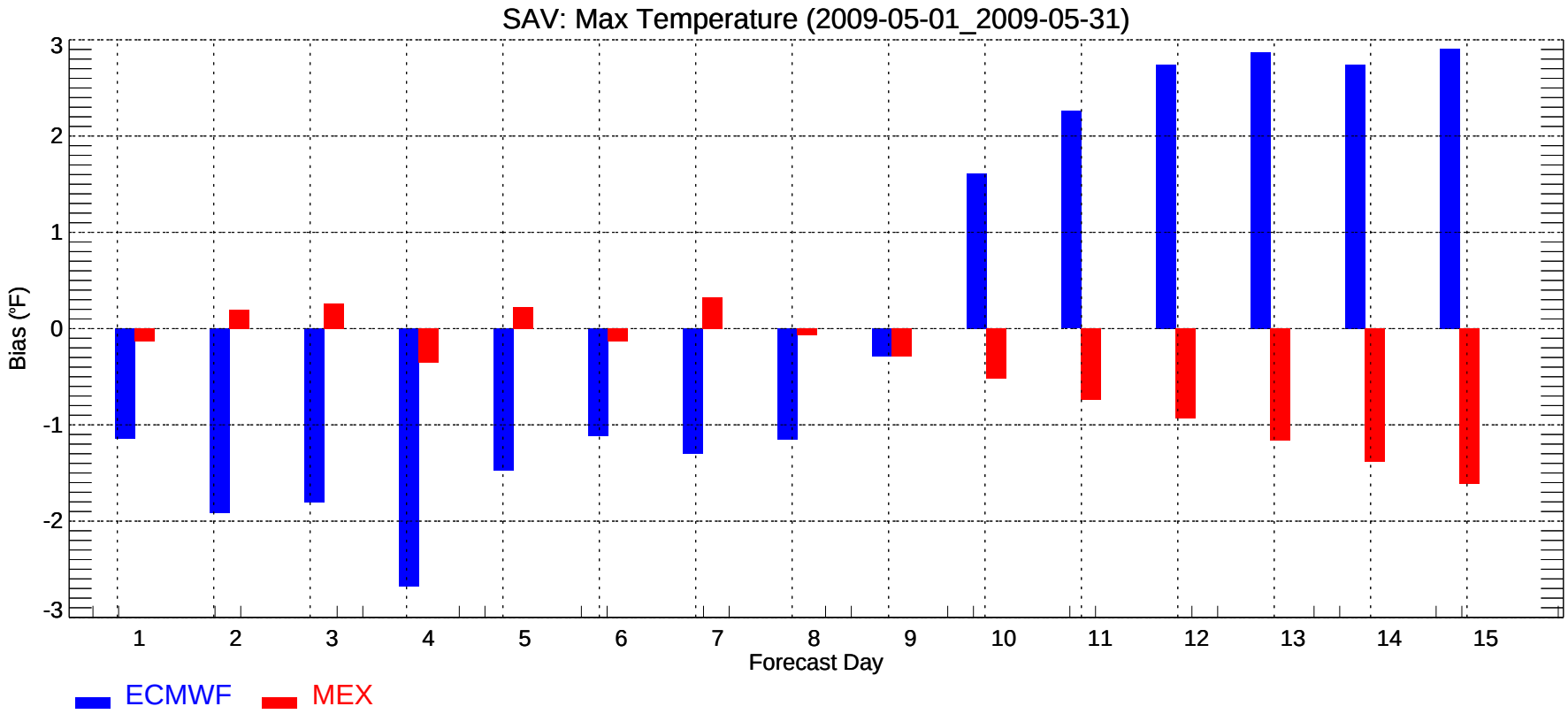
Forecast Day
ECMWF
MEX


SAV: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
3
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5
6
7
8
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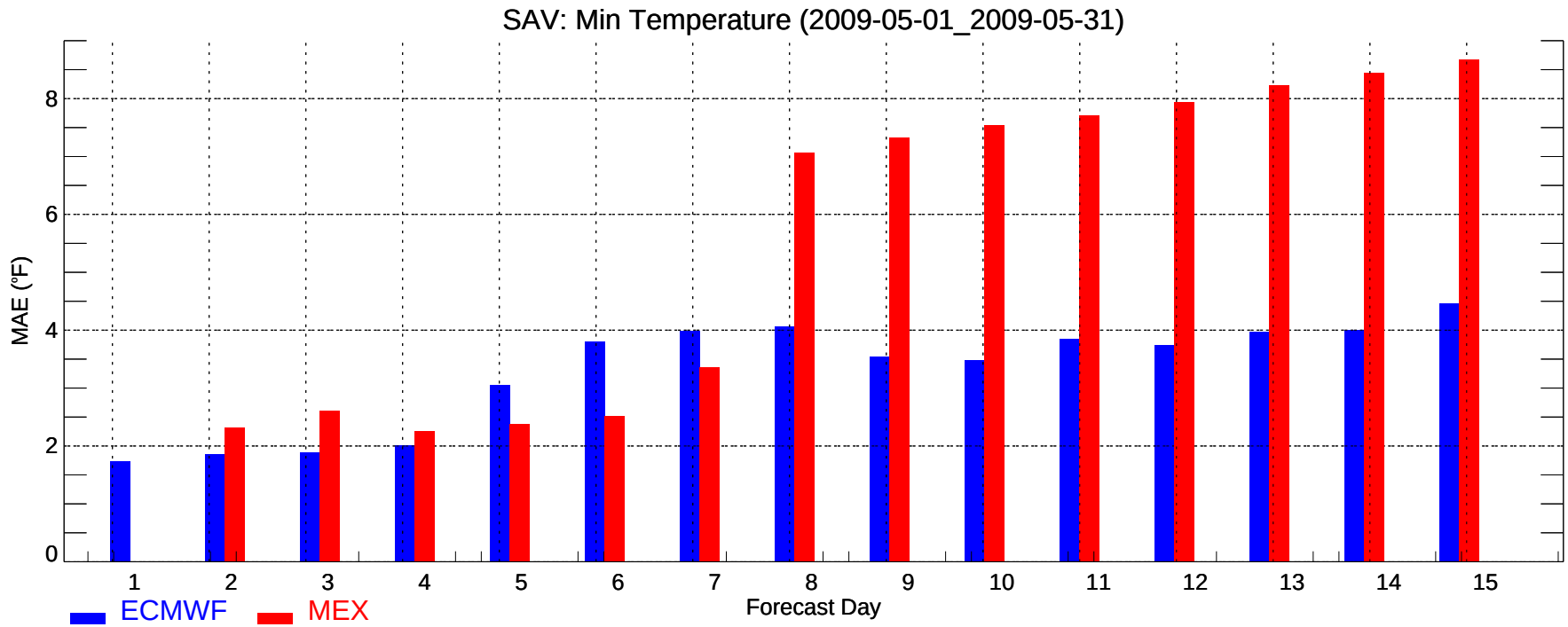
Forecast Day
ECMWF
MEX


SAV: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
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2
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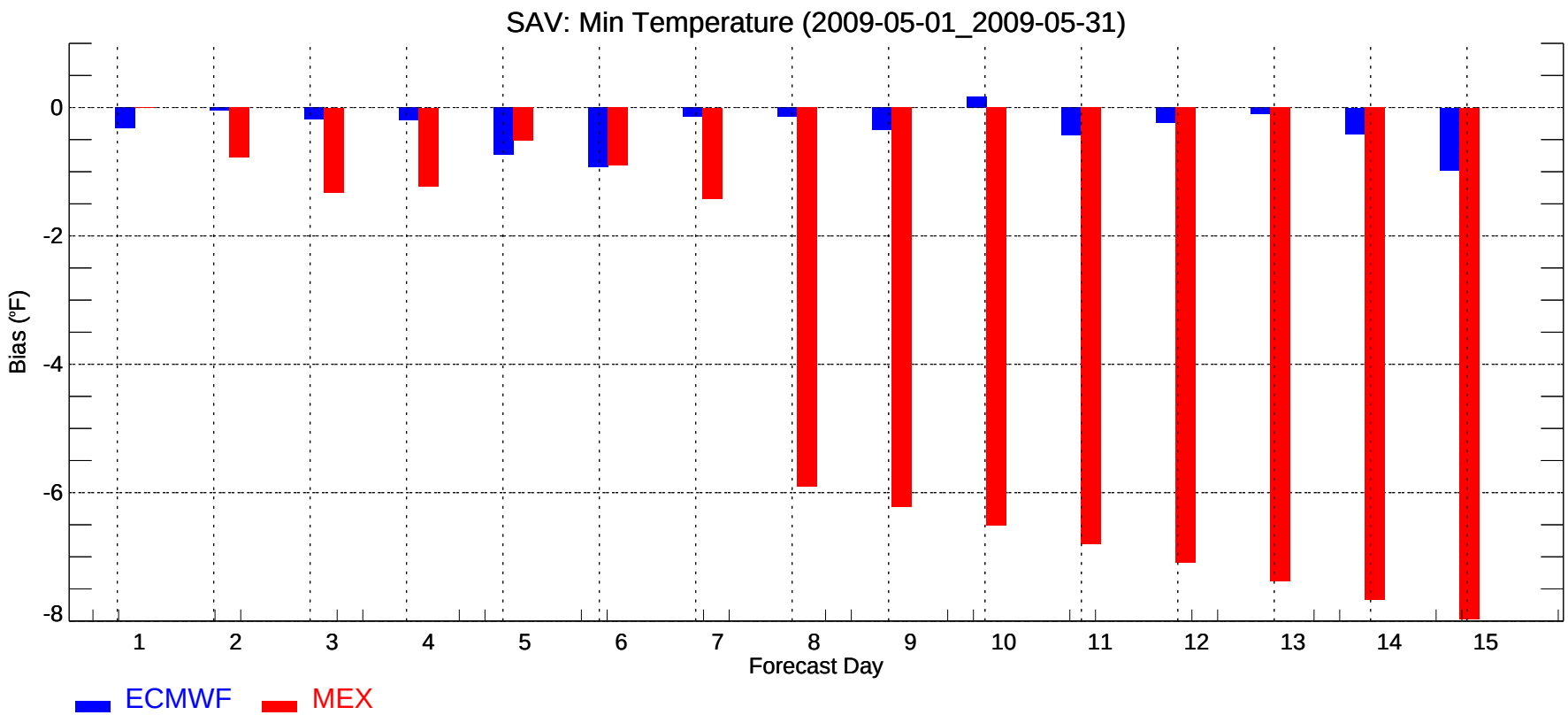
Forecast Day
ECMWF
MEX


SAV: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
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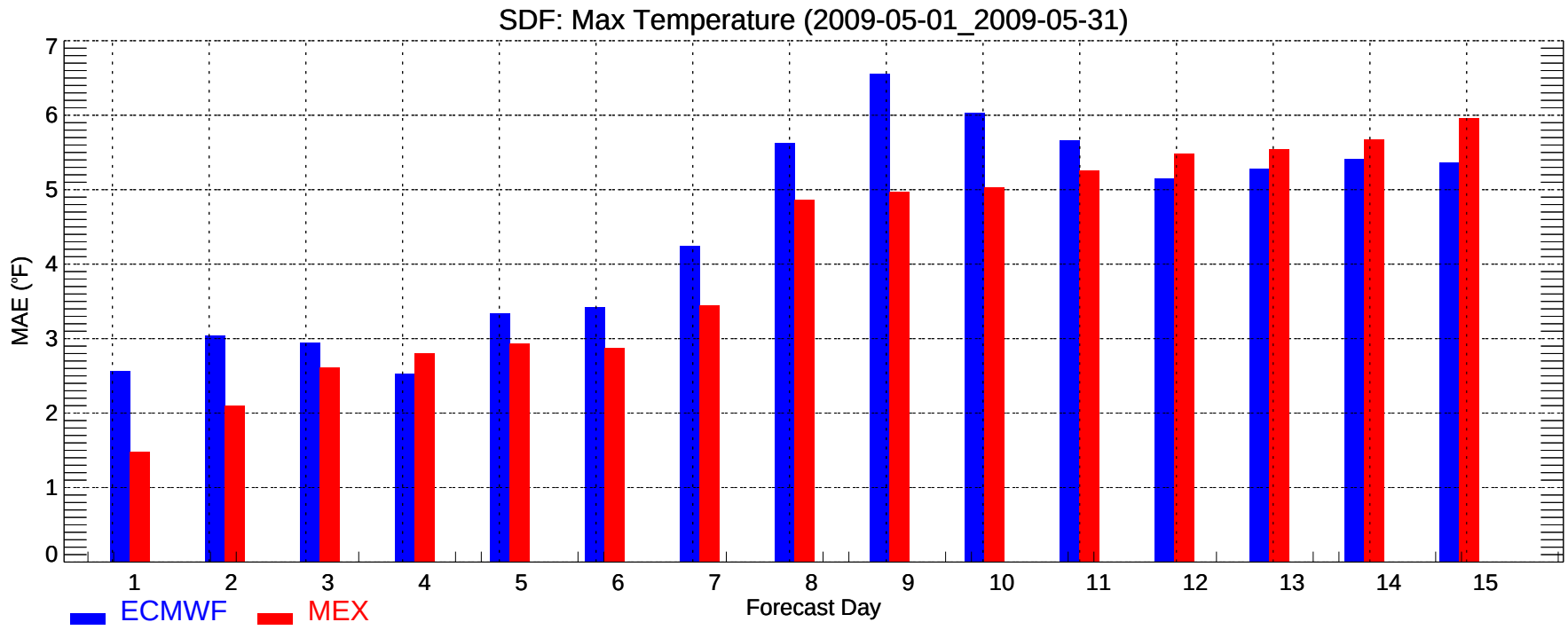
Forecast Day
ECMWF
MEX


SDF: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
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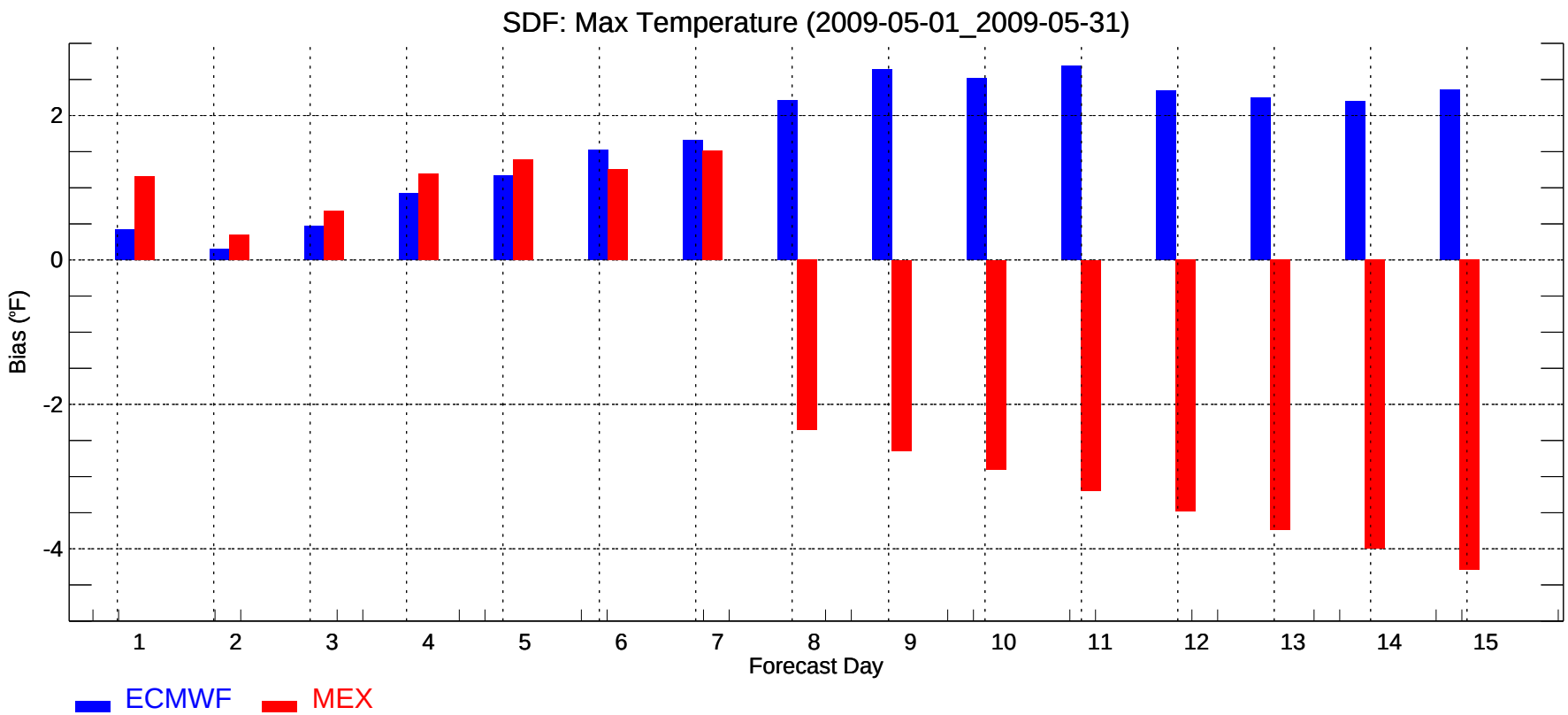
Forecast Day
ECMWF
MEX


SDF: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
1
2
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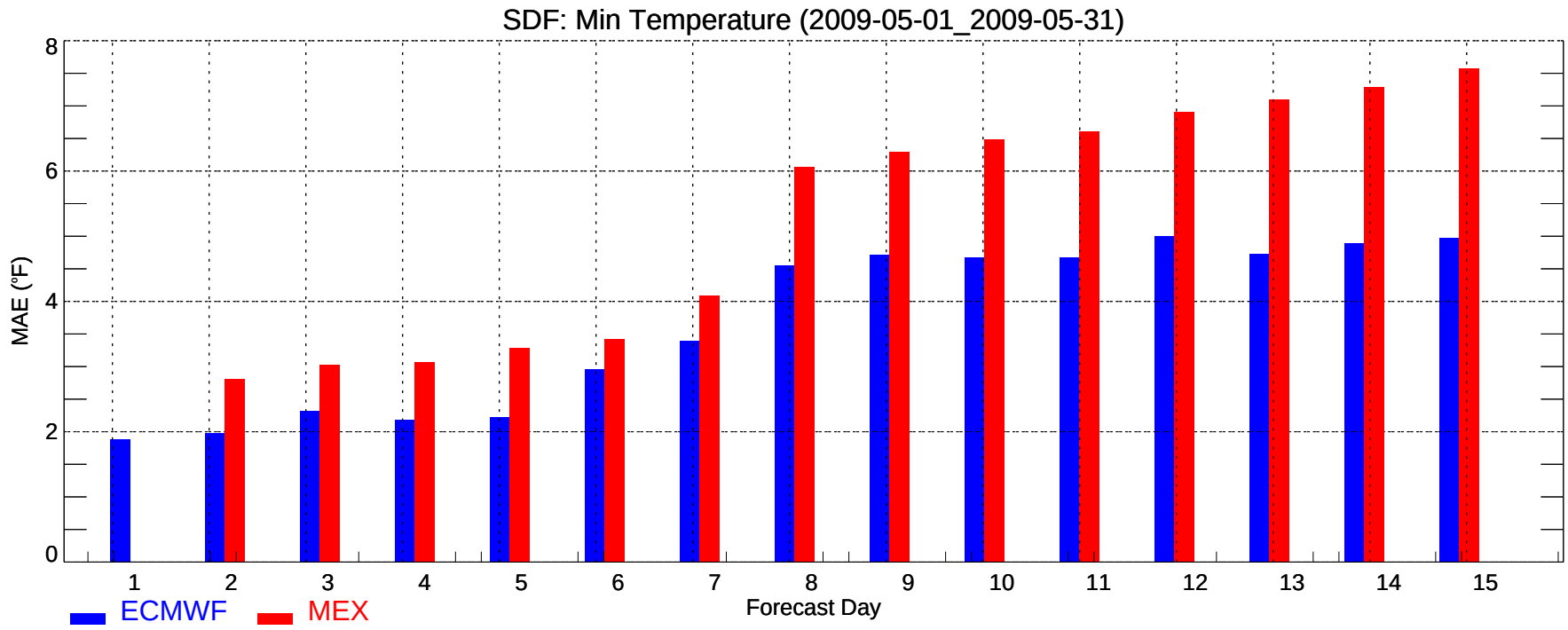
Forecast Day
ECMWF
MEX


SDF: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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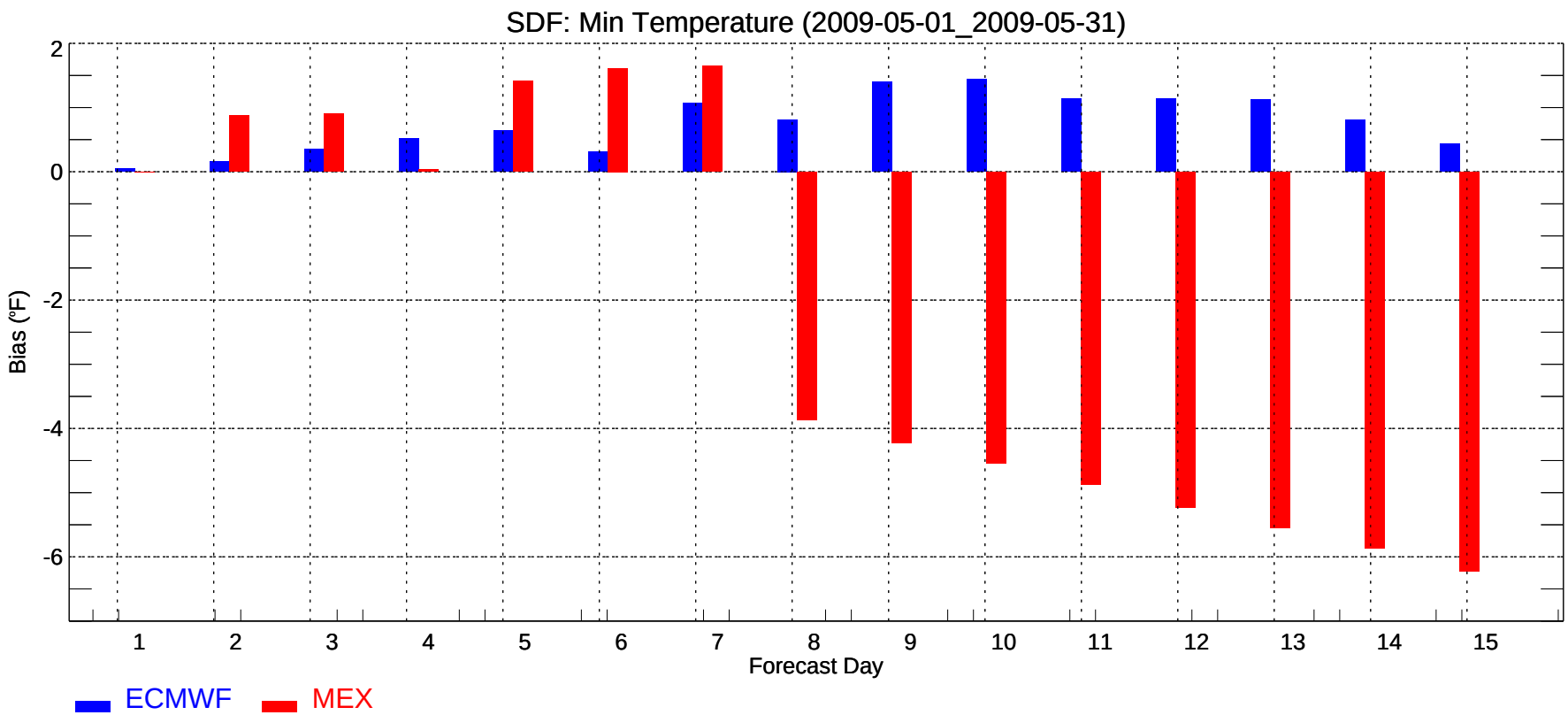
Forecast Day
ECMWF
MEX


SDF: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
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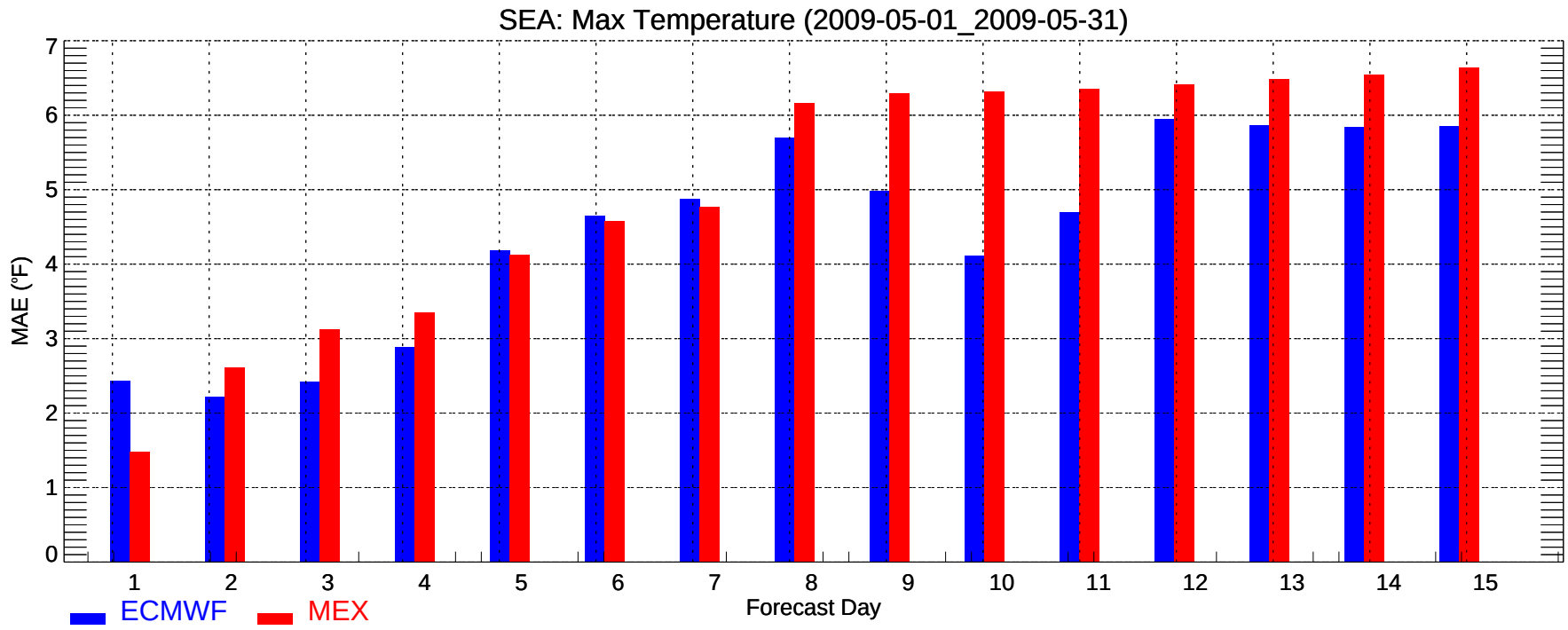
Forecast Day
ECMWF
MEX


SEA: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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1
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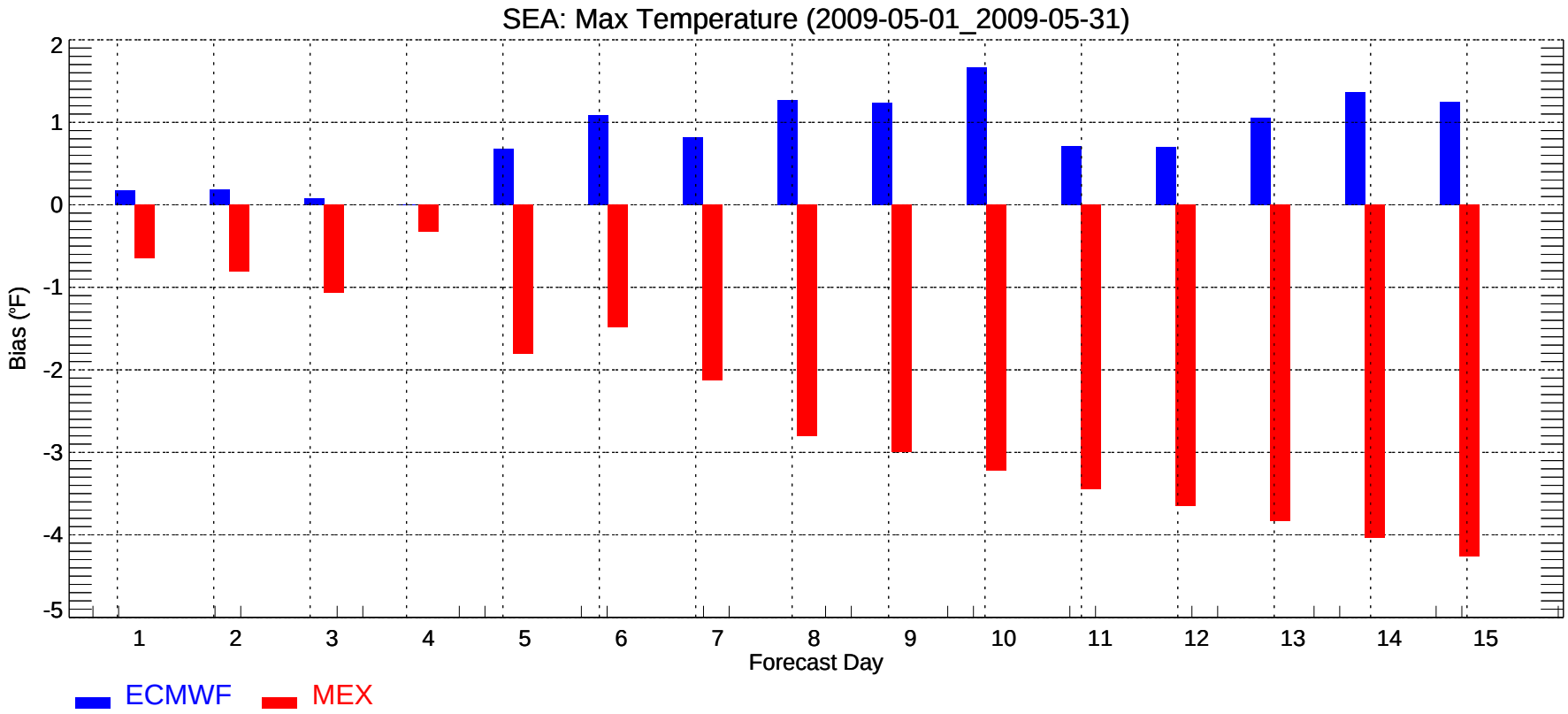
15
Forecast Day
ECMWF
MEX


SEA: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
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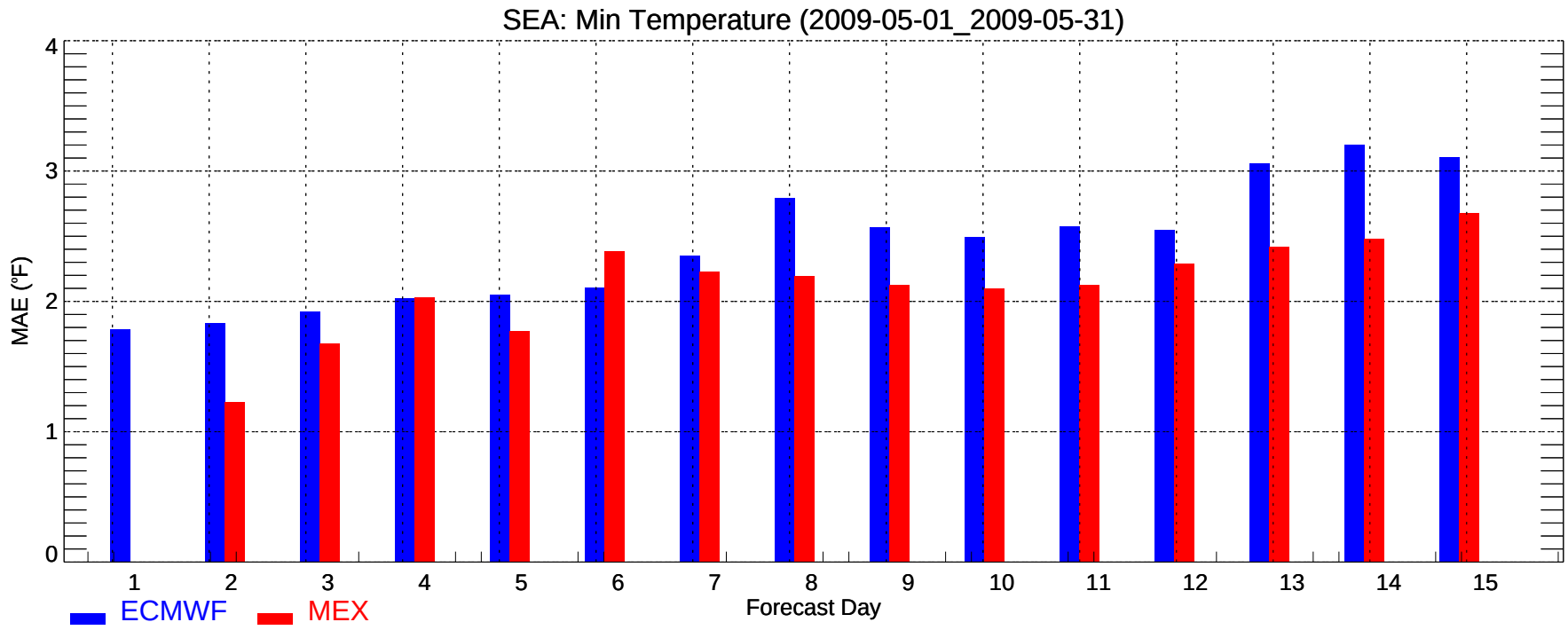
Forecast Day
ECMWF
MEX


SEA: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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4
1
2
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11
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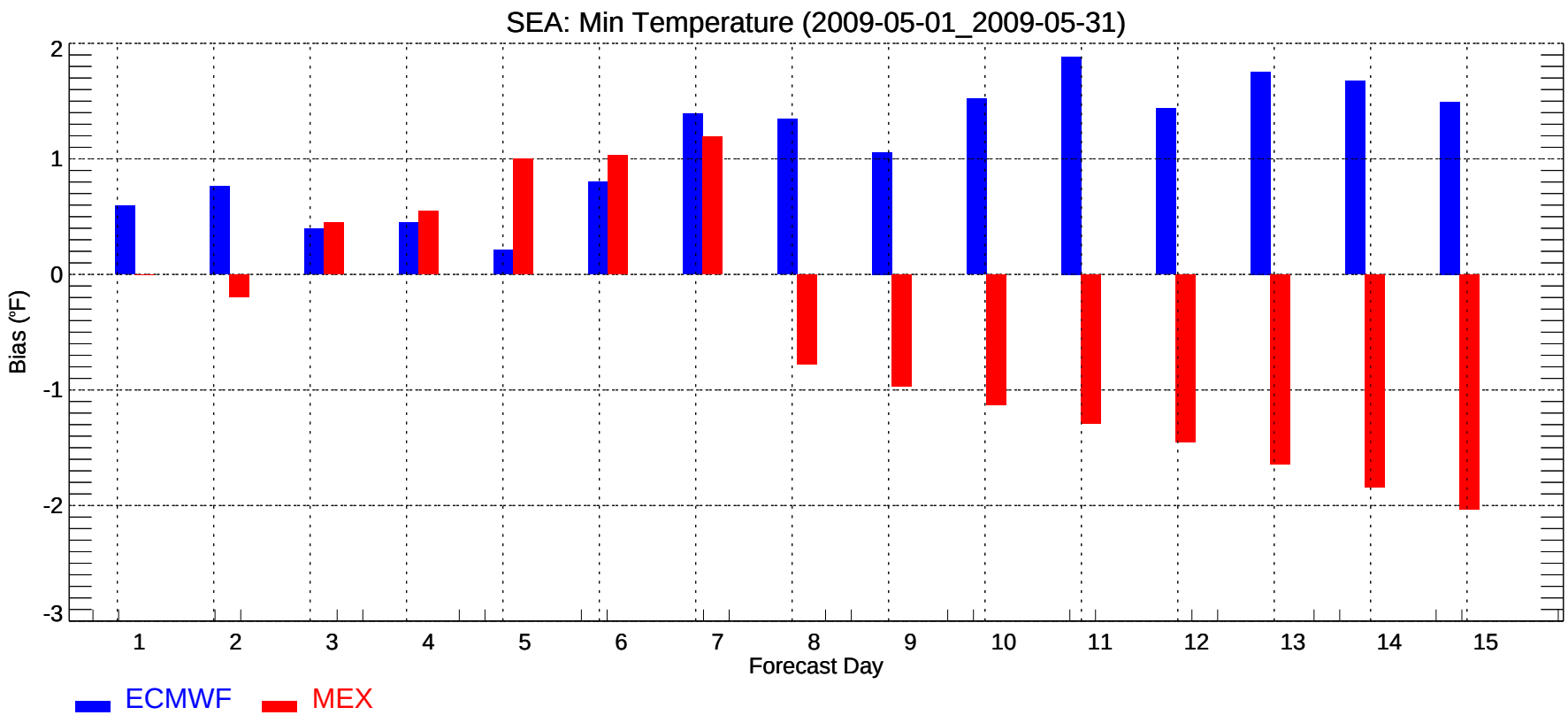
15
Forecast Day
ECMWF
MEX


SEA: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
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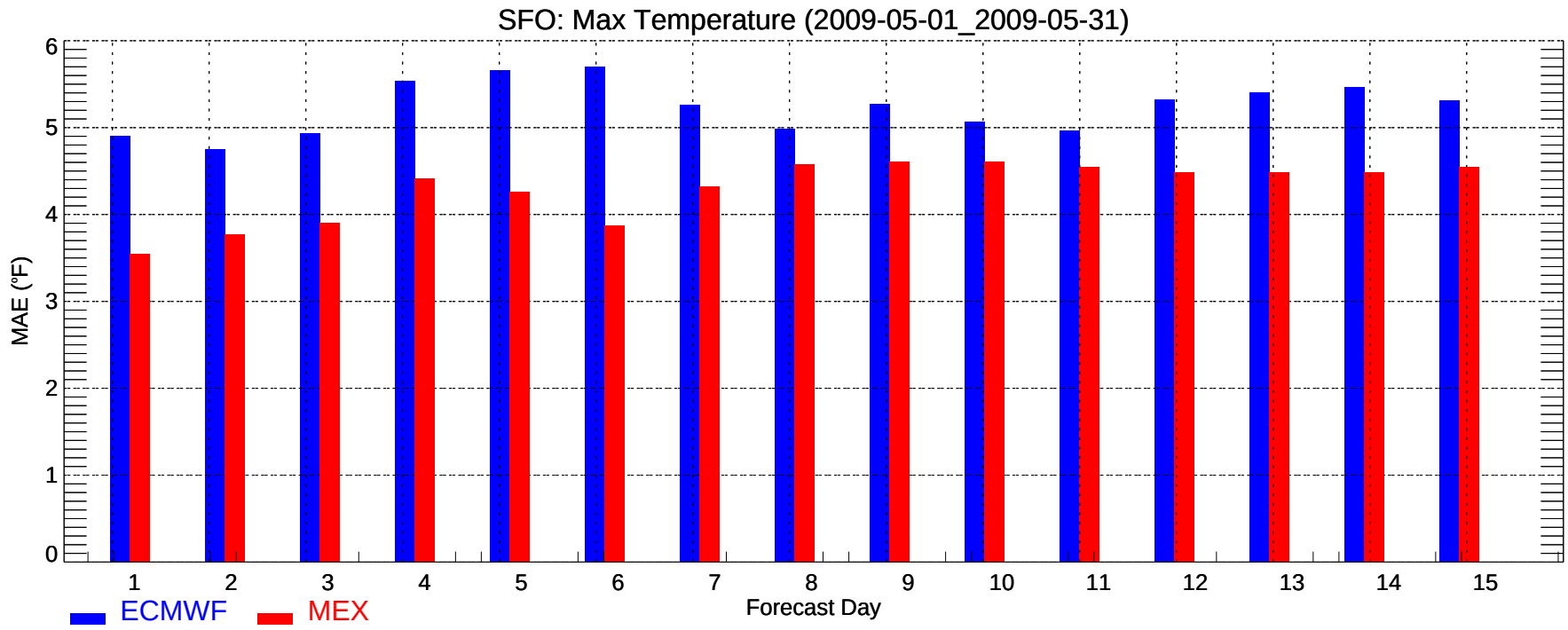
Forecast Day
ECMWF
MEX


SFO: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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1
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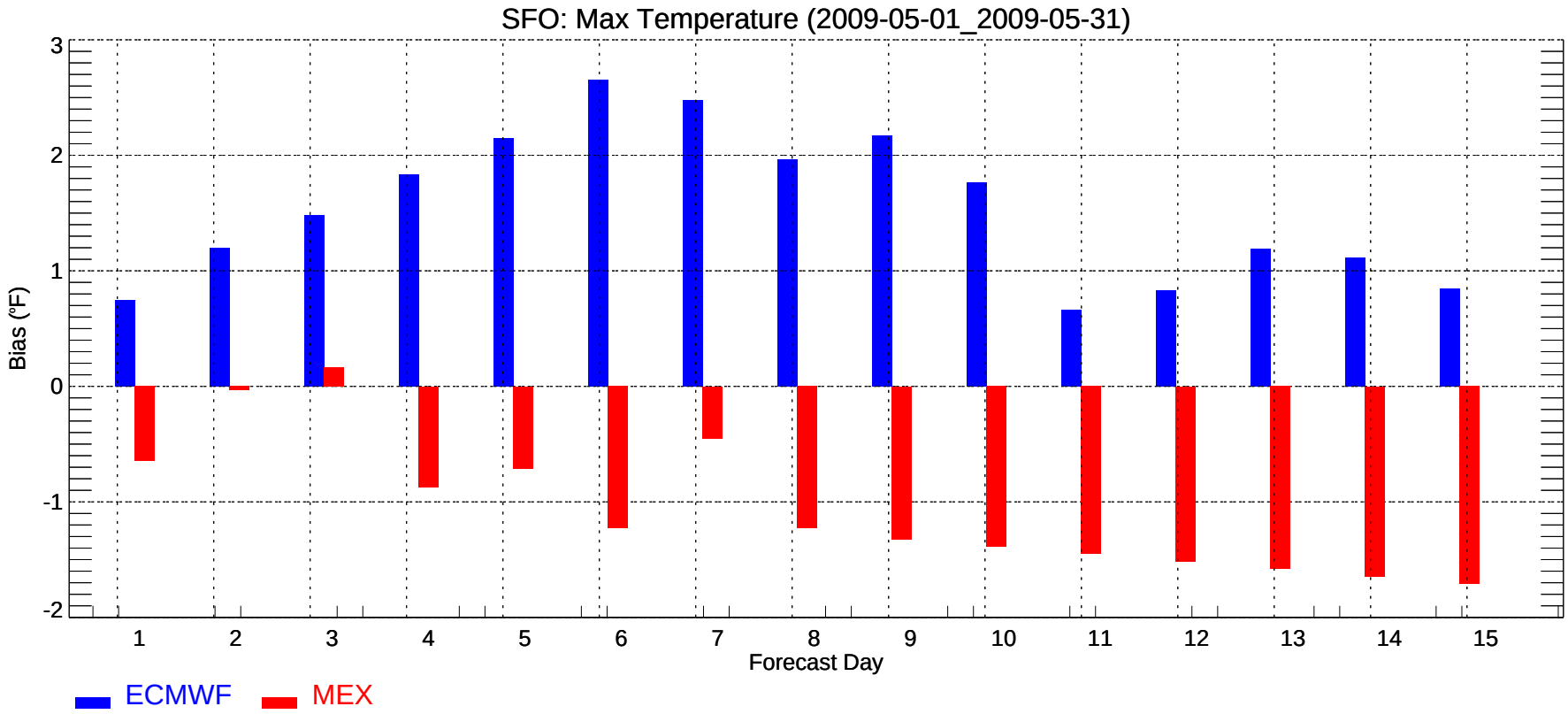
Forecast Day
ECMWF
MEX


SFO: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
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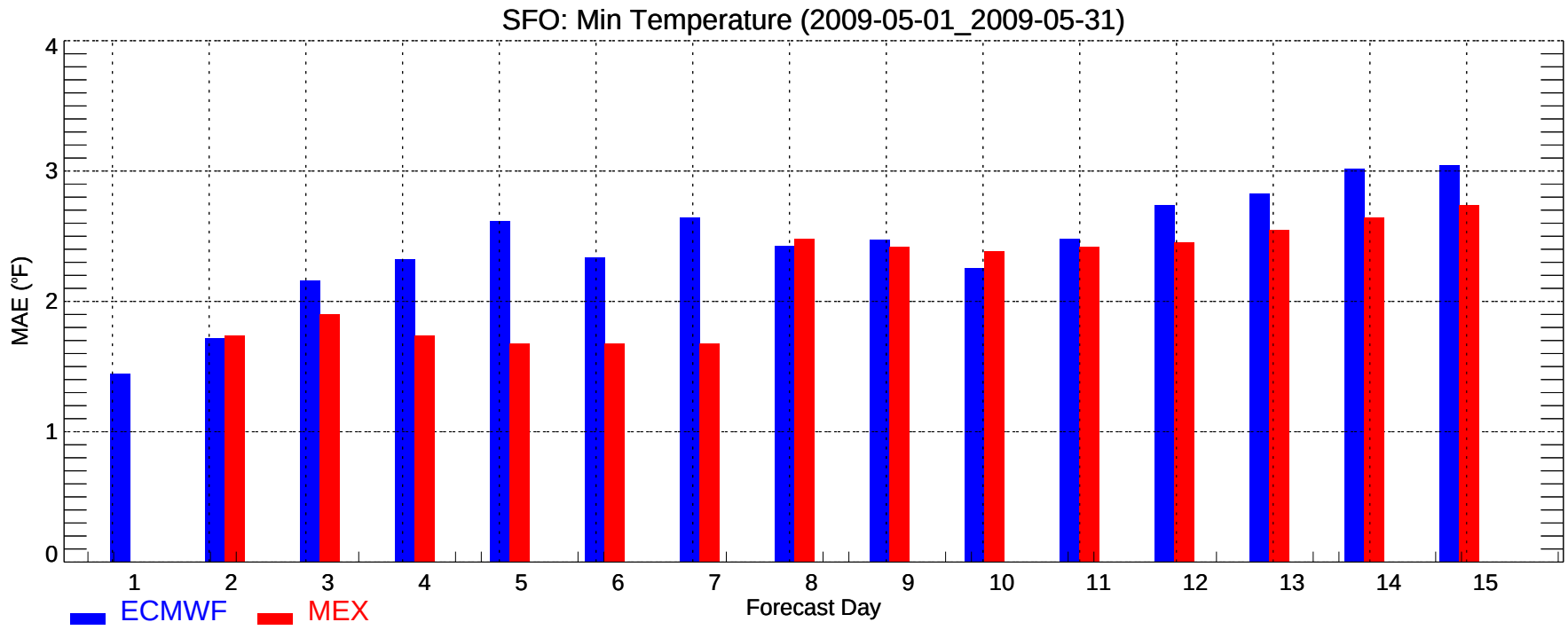
12
13
14
15
Forecast Day
ECMWF
MEX


SFO: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
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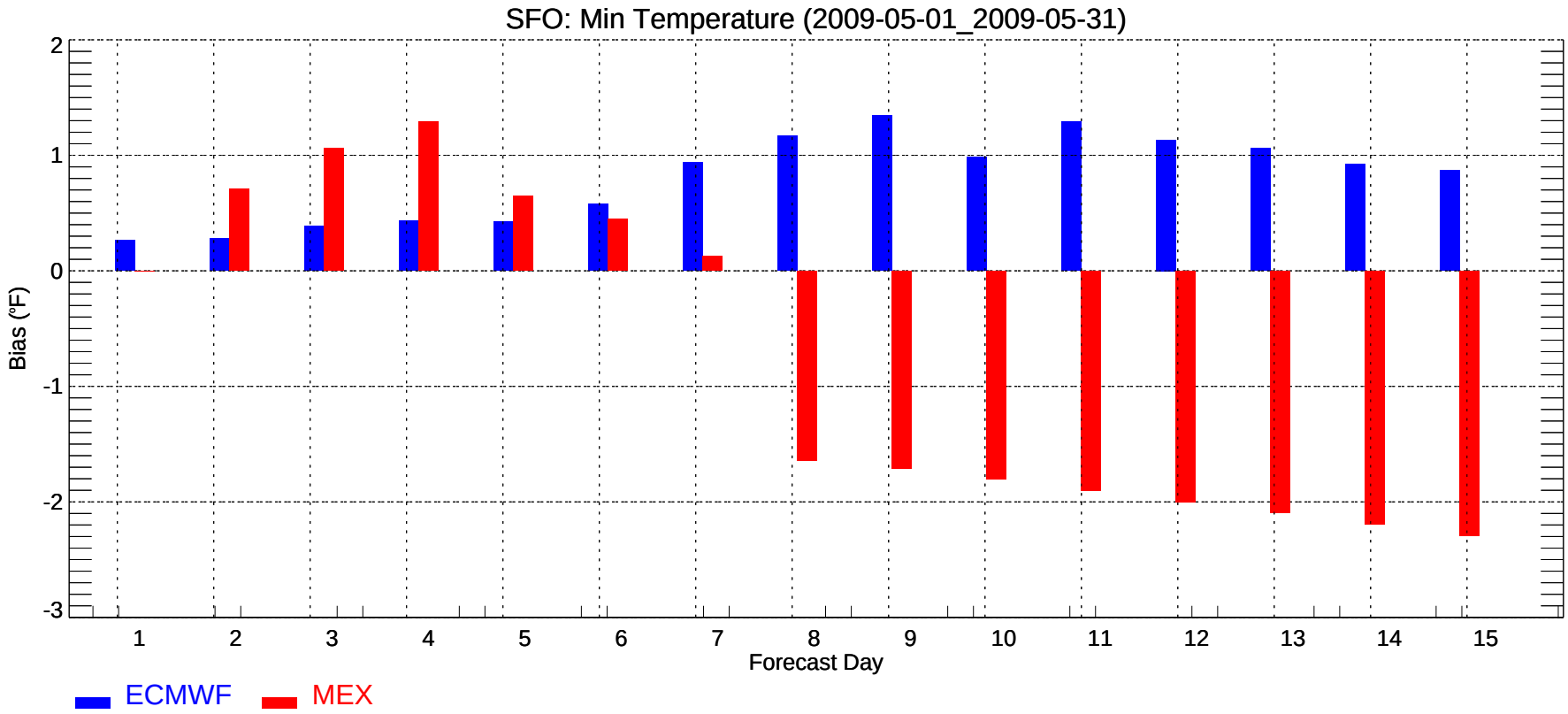
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SFO: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
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4
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13
14
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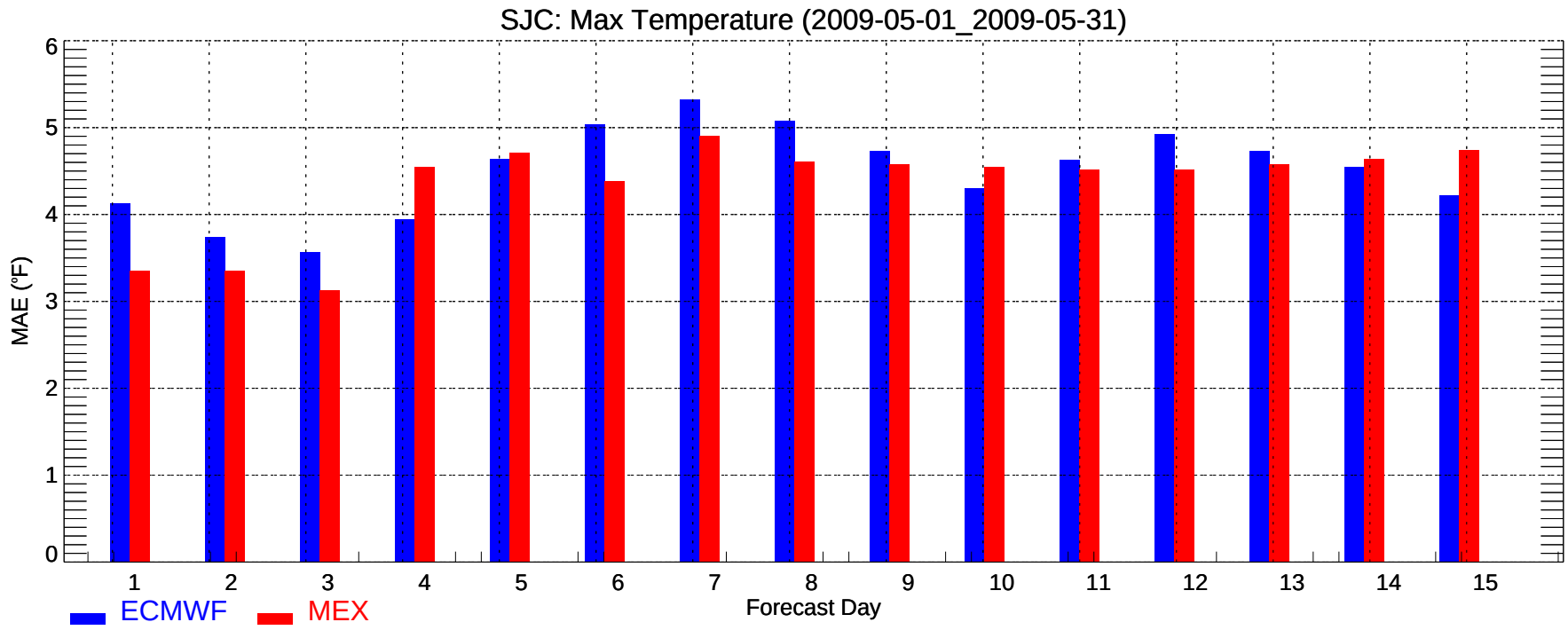
Forecast Day
ECMWF
MEX


SJC: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
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1
2
3
4
5
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2
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6
7
8
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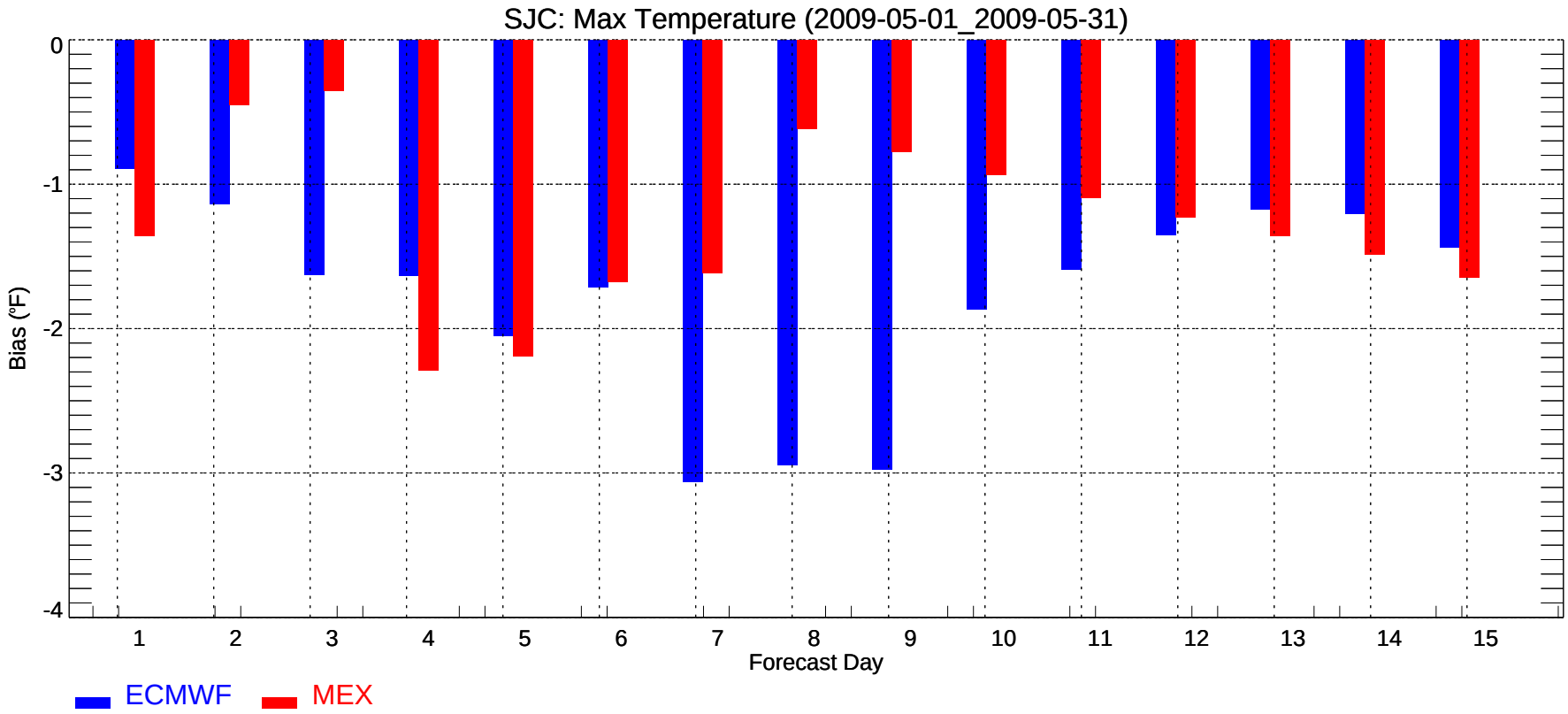
12
13
14
15
Forecast Day
ECMWF
MEX


SJC: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
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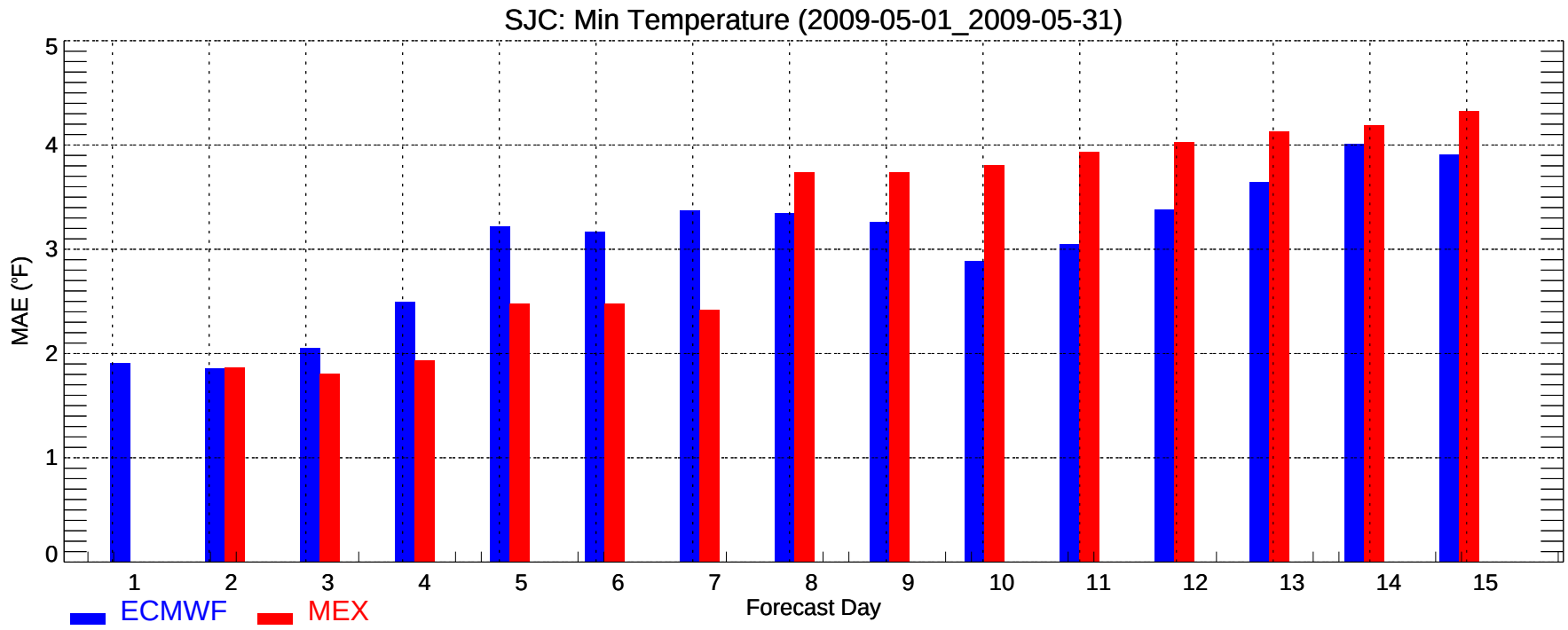
13
14
15
Forecast Day
ECMWF
MEX


SJC: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
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2
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6
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8
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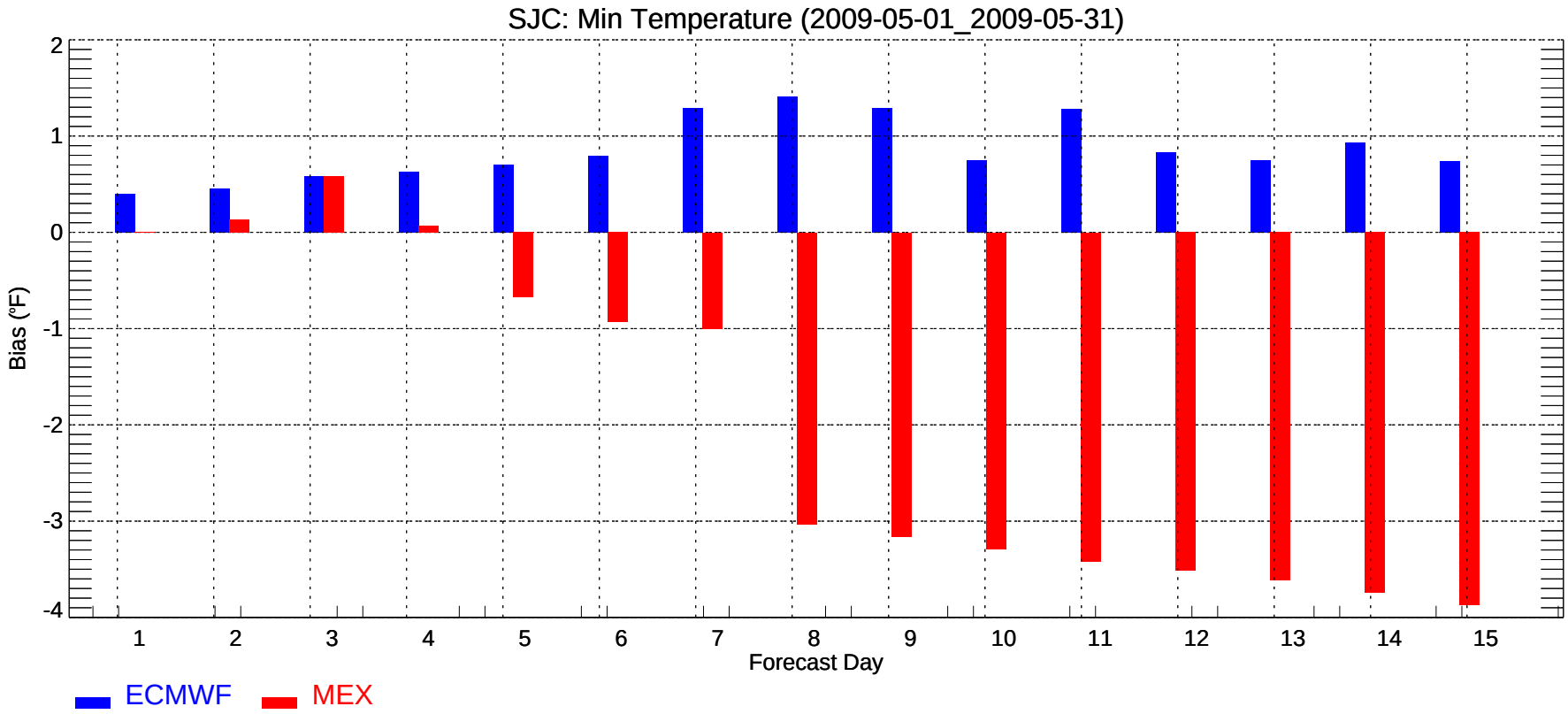
13
14
15
Forecast Day
ECMWF
MEX


SJC: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
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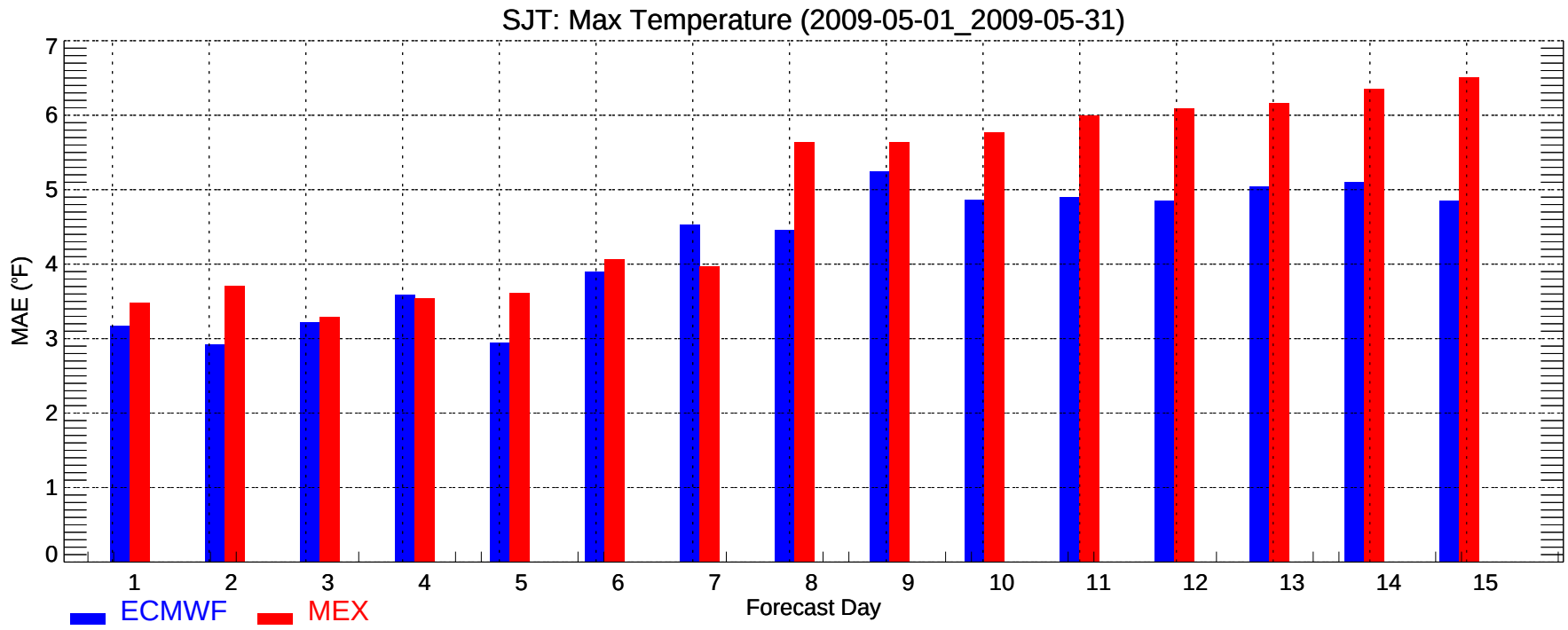
13
14
15
Forecast Day
ECMWF
MEX


SJT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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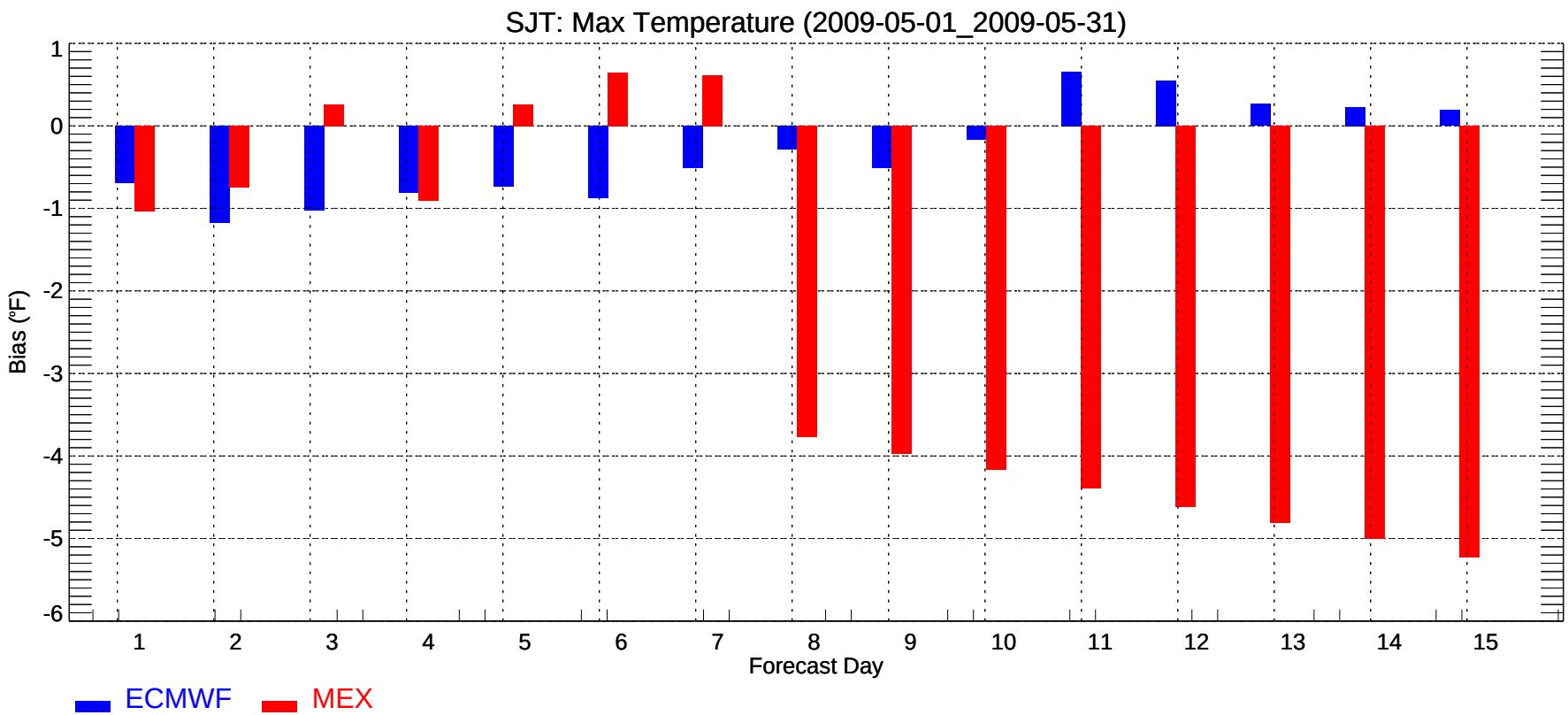
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
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6
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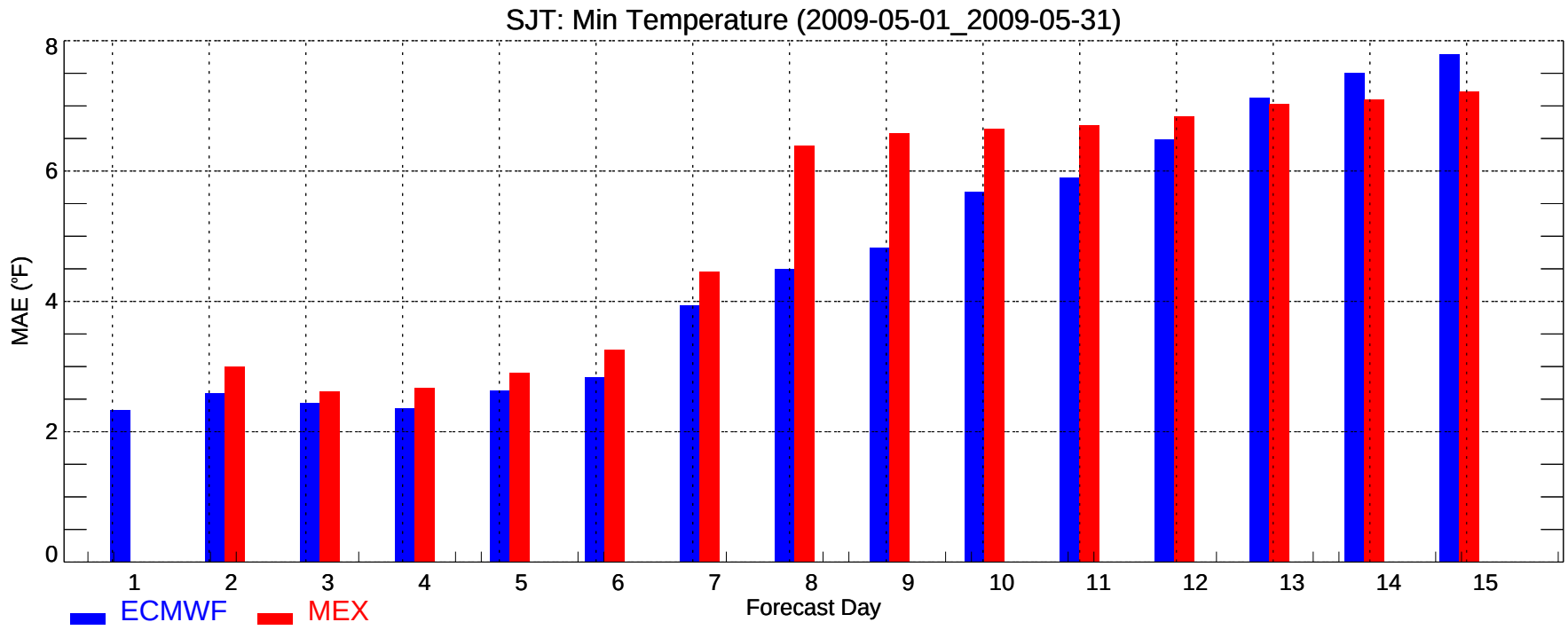
14
15
Forecast Day
ECMWF
MEX


SJT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
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8
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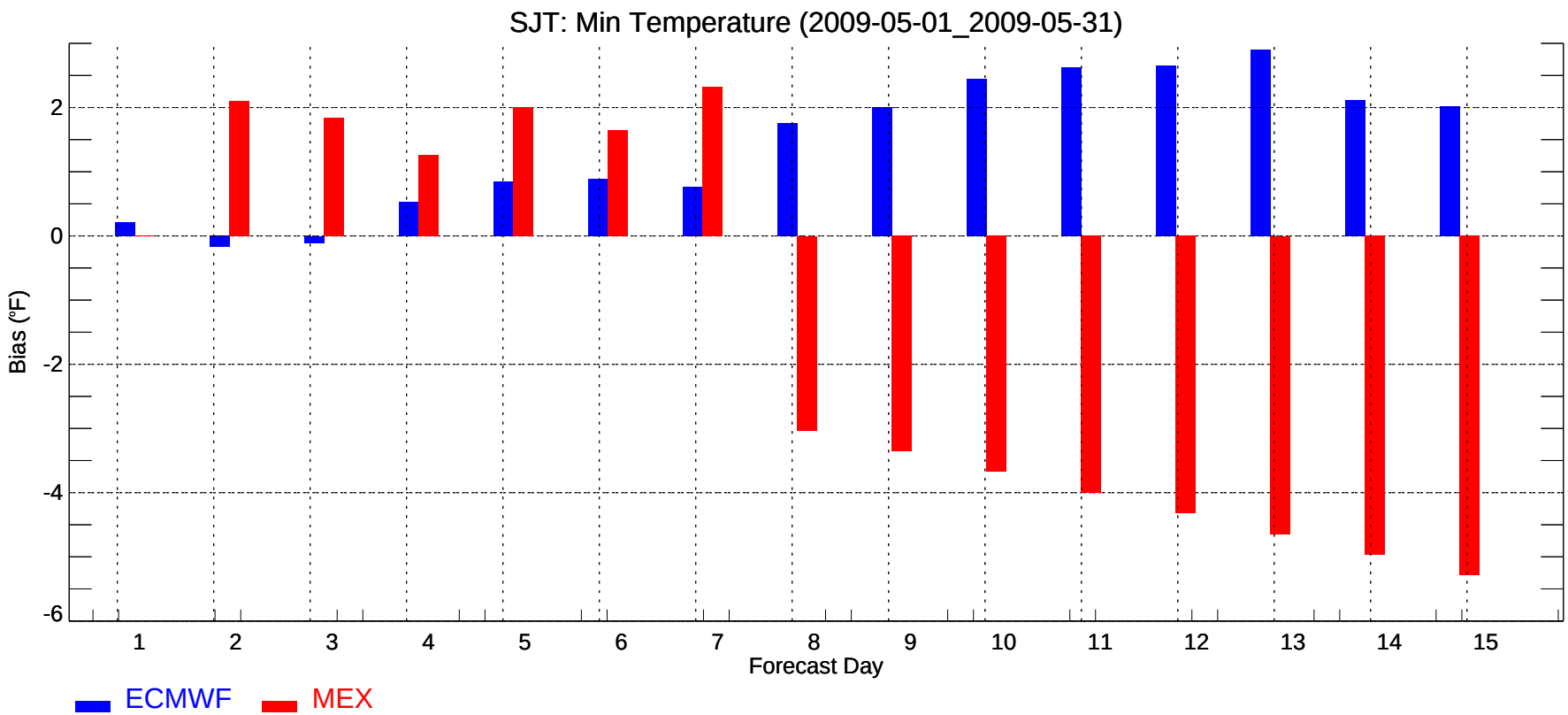
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
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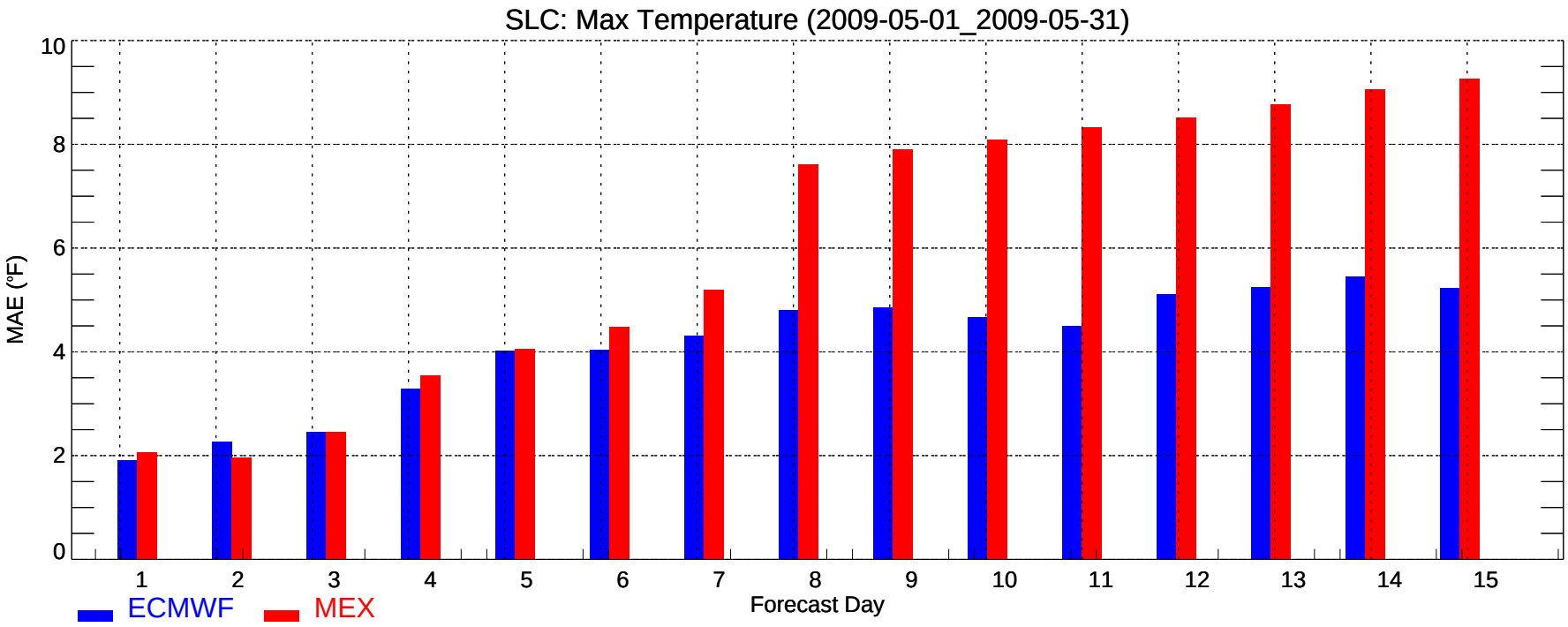
14
15
Forecast Day
ECMWF
MEX


SLC: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
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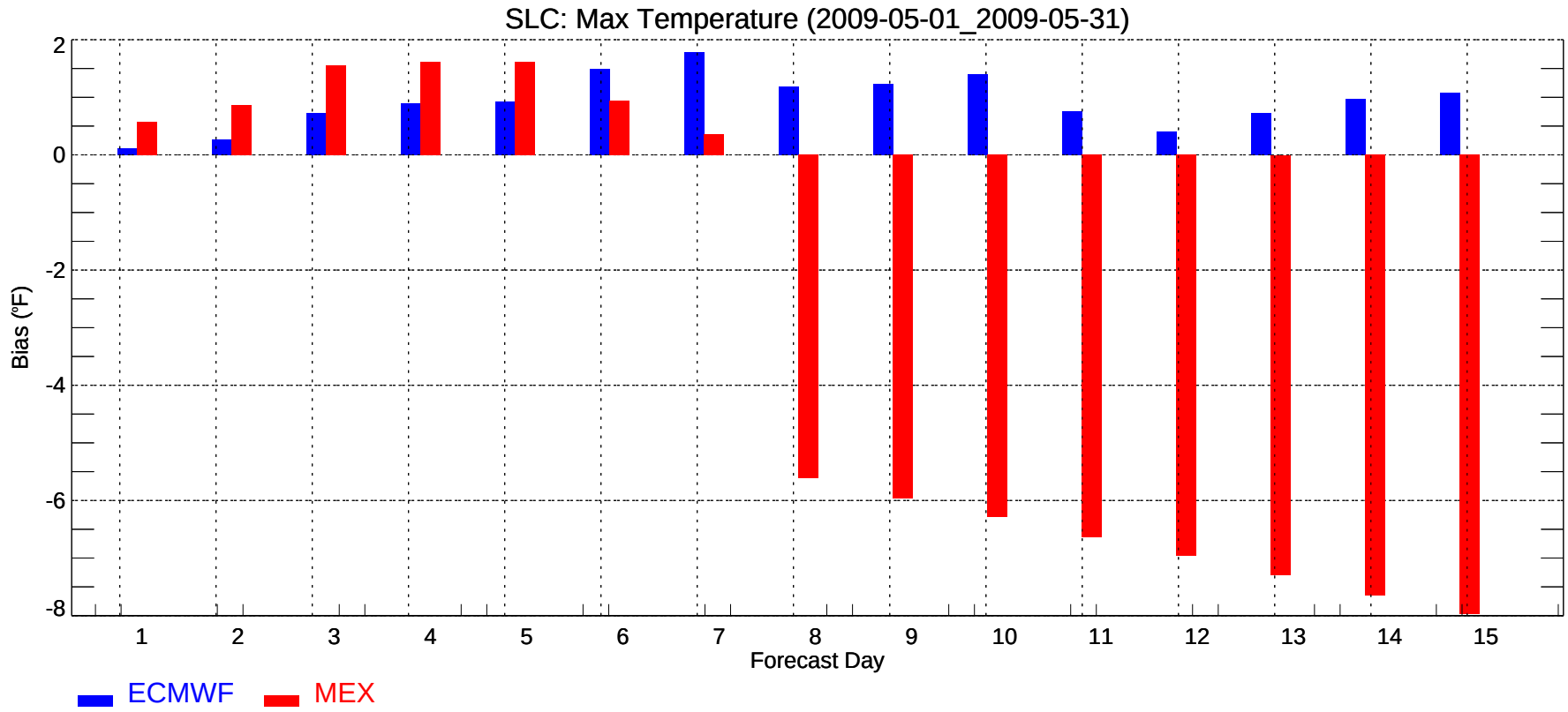
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SLC: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
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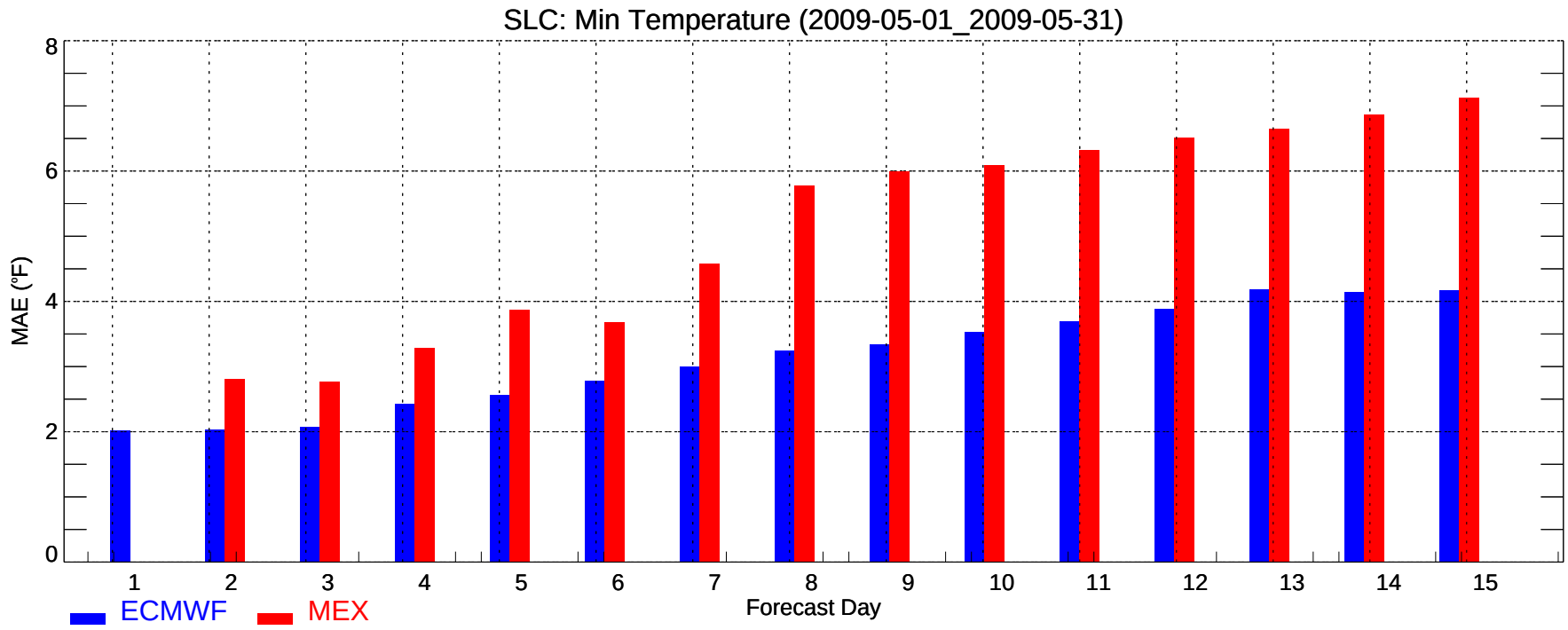
14
15
Forecast Day
ECMWF
MEX


SLC: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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8
1
2
3
4
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6
7
8
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11
12
13
14
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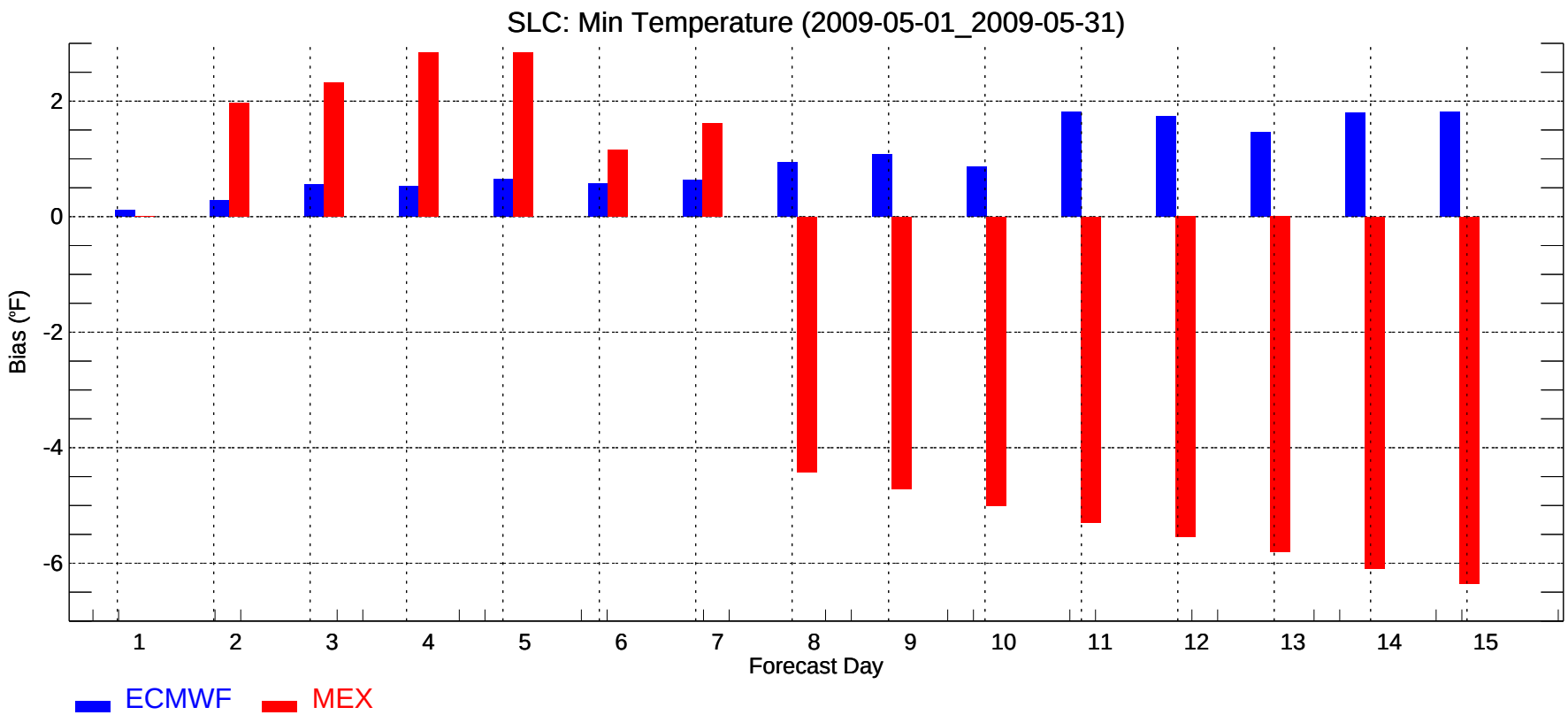
Forecast Day
ECMWF
MEX


SLC: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
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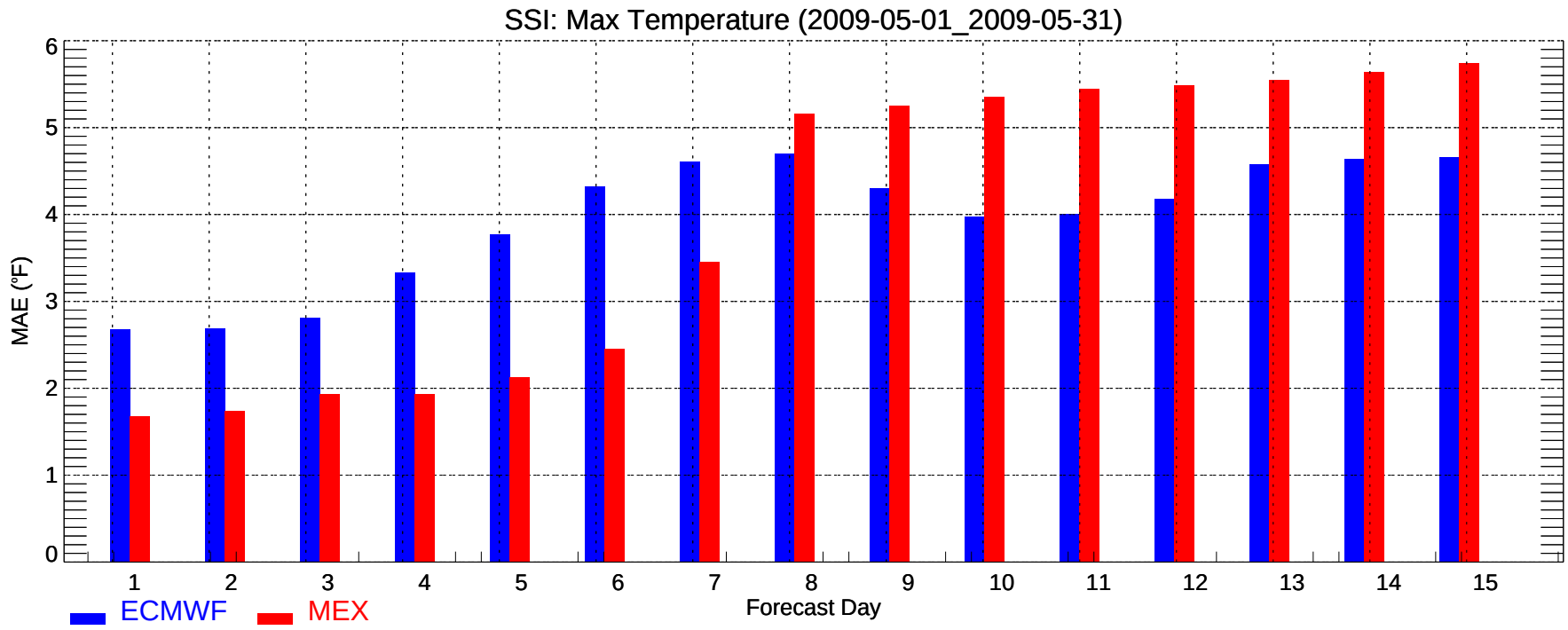
Forecast Day
ECMWF
MEX


SSI: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
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4
5
6
1
2
3
4
5
6
7
8
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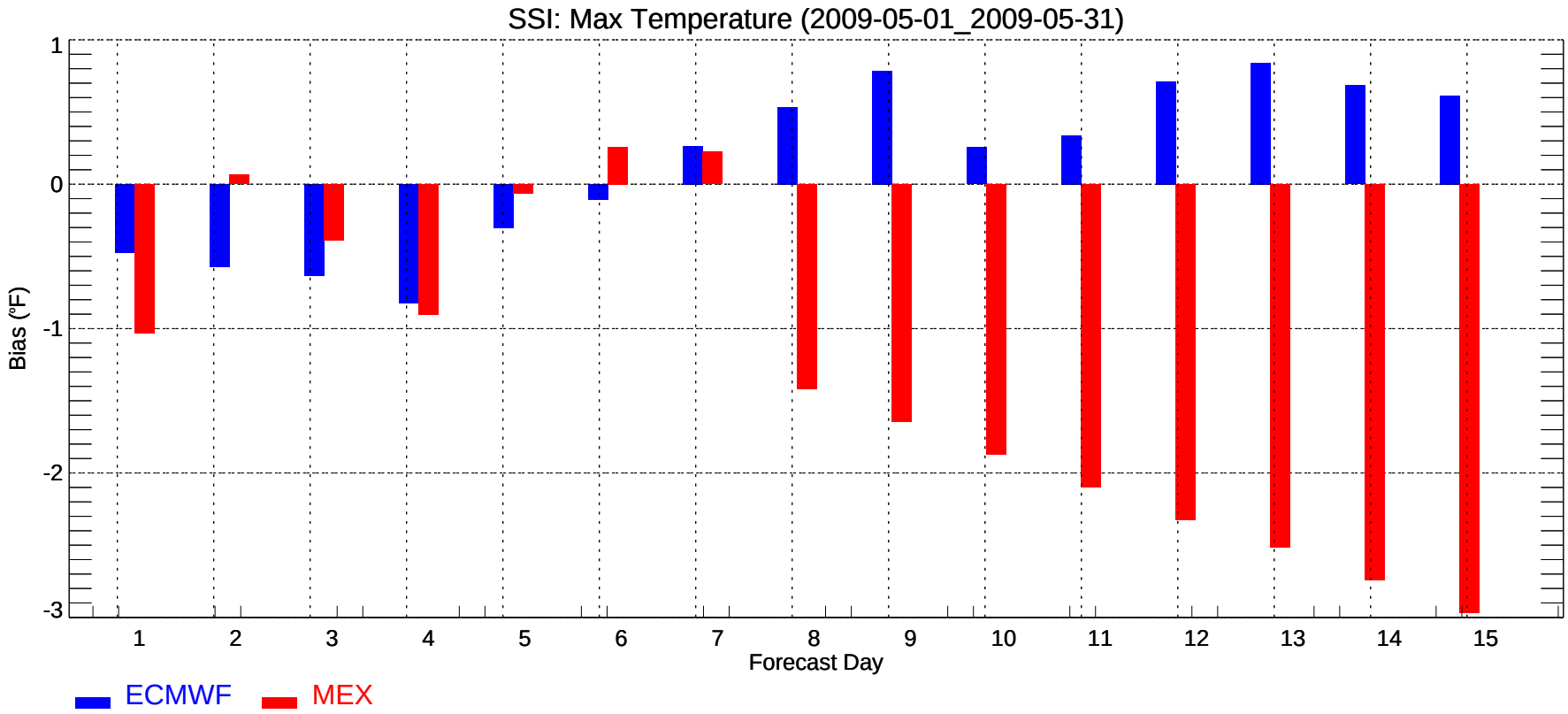
11
12
13
14
15
Forecast Day
ECMWF
MEX


SSI: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
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2
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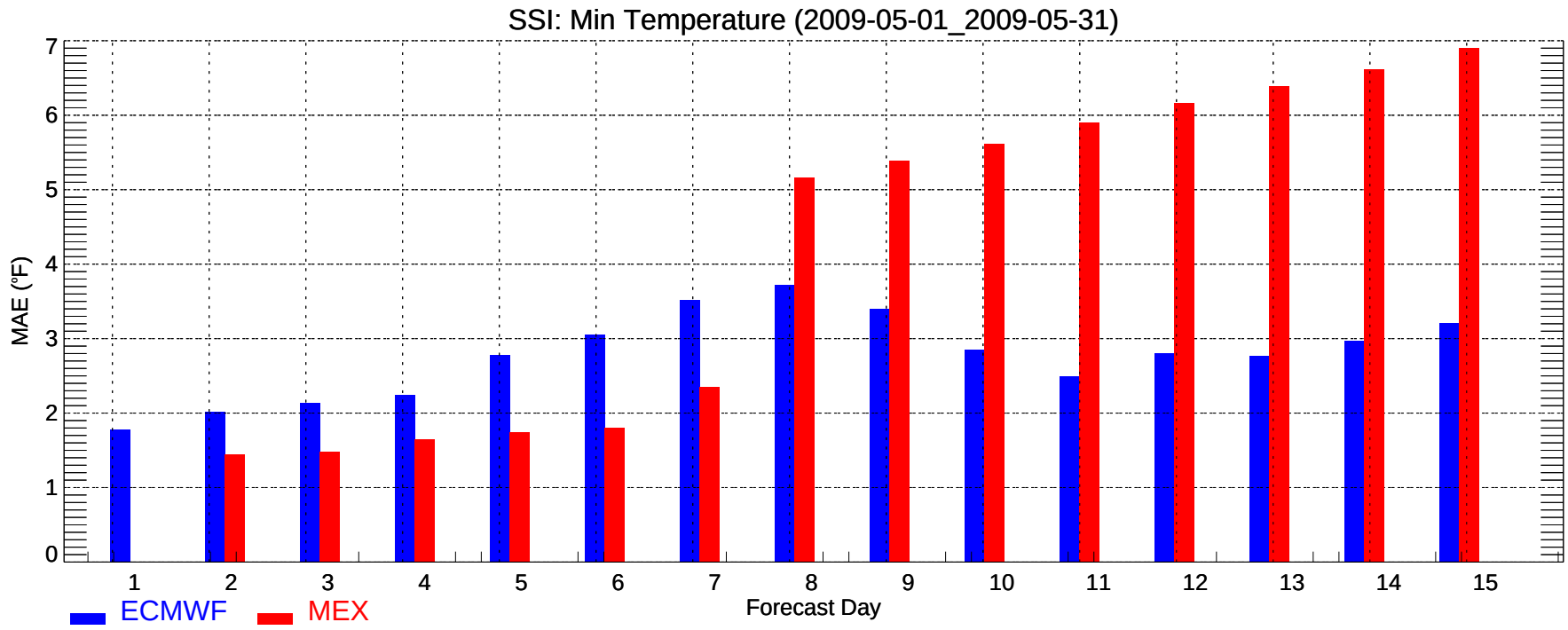
Forecast Day
ECMWF
MEX


SSI: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
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5
6
7
1
2
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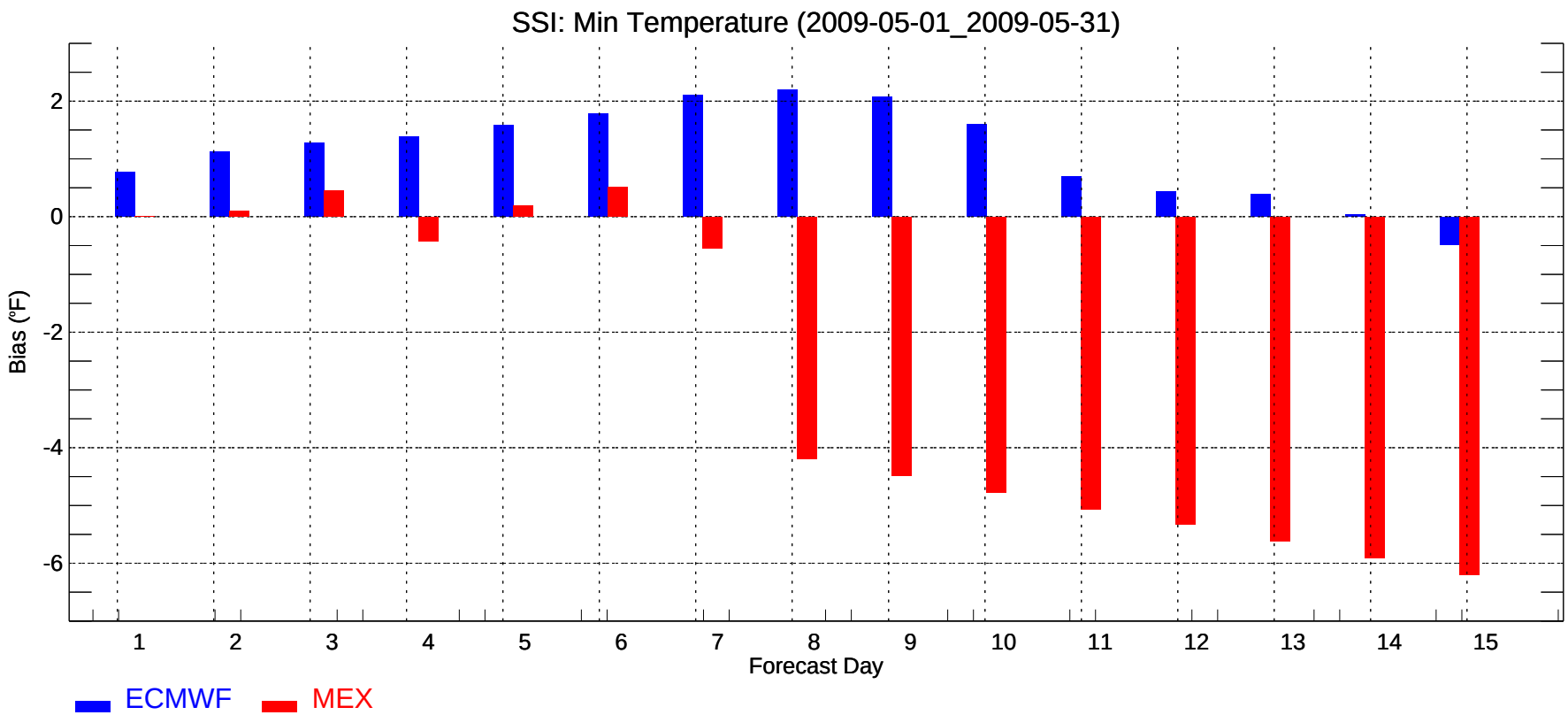
Forecast Day
ECMWF
MEX


SSI: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
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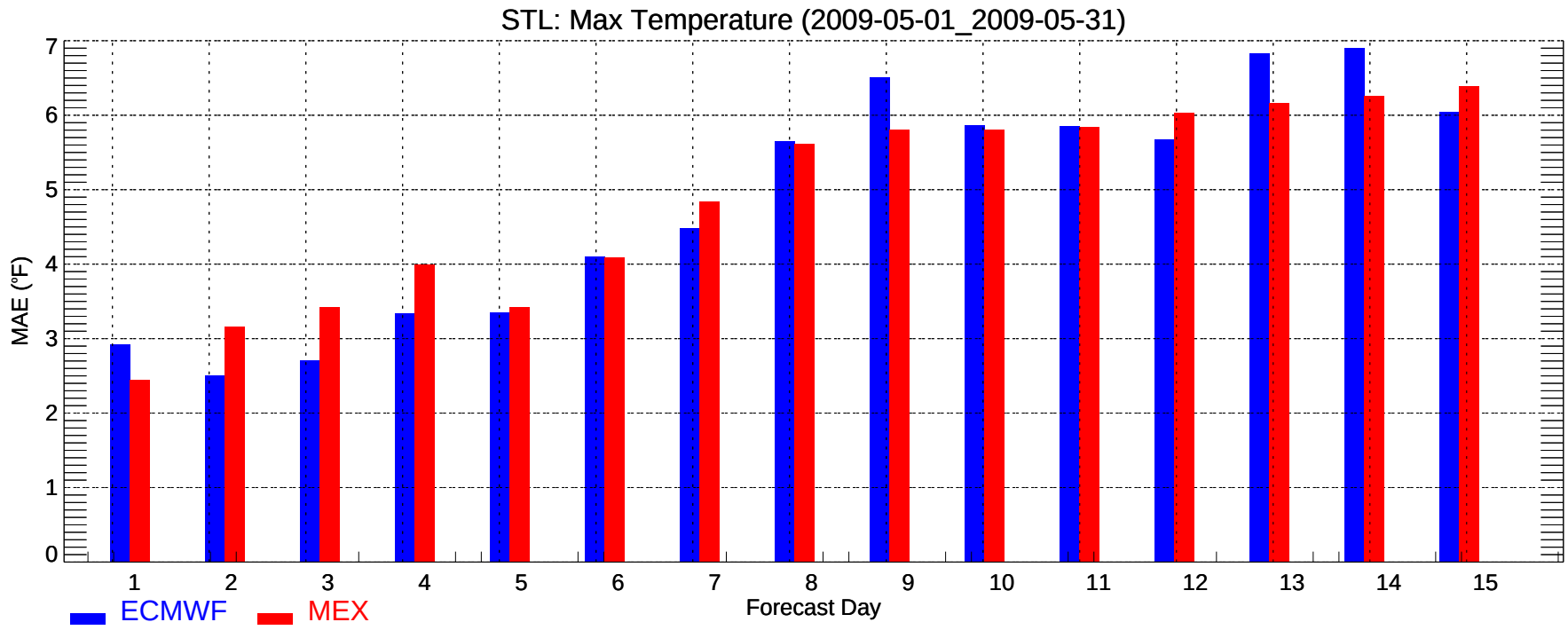
Forecast Day
ECMWF
MEX


STL: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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13
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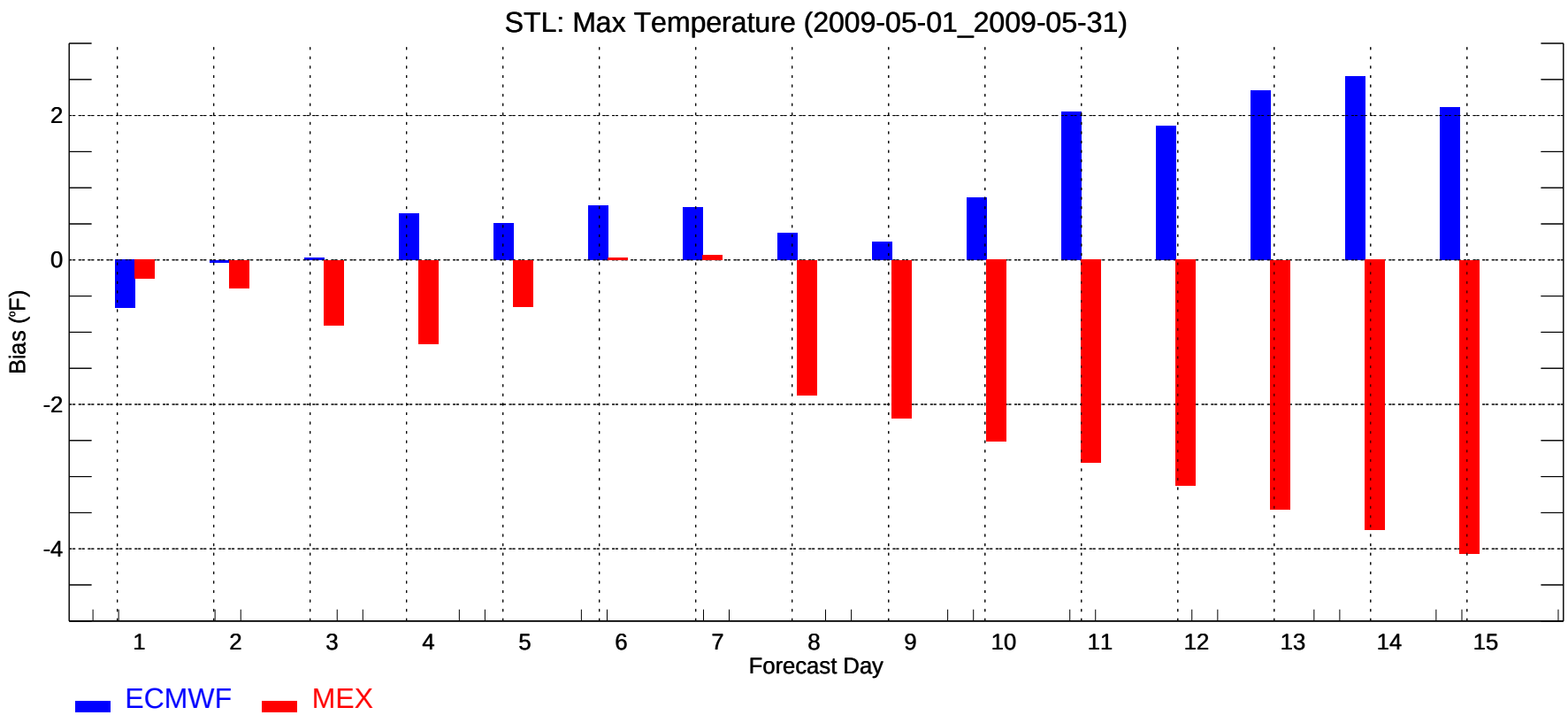
15
Forecast Day
ECMWF
MEX


STL: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
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2
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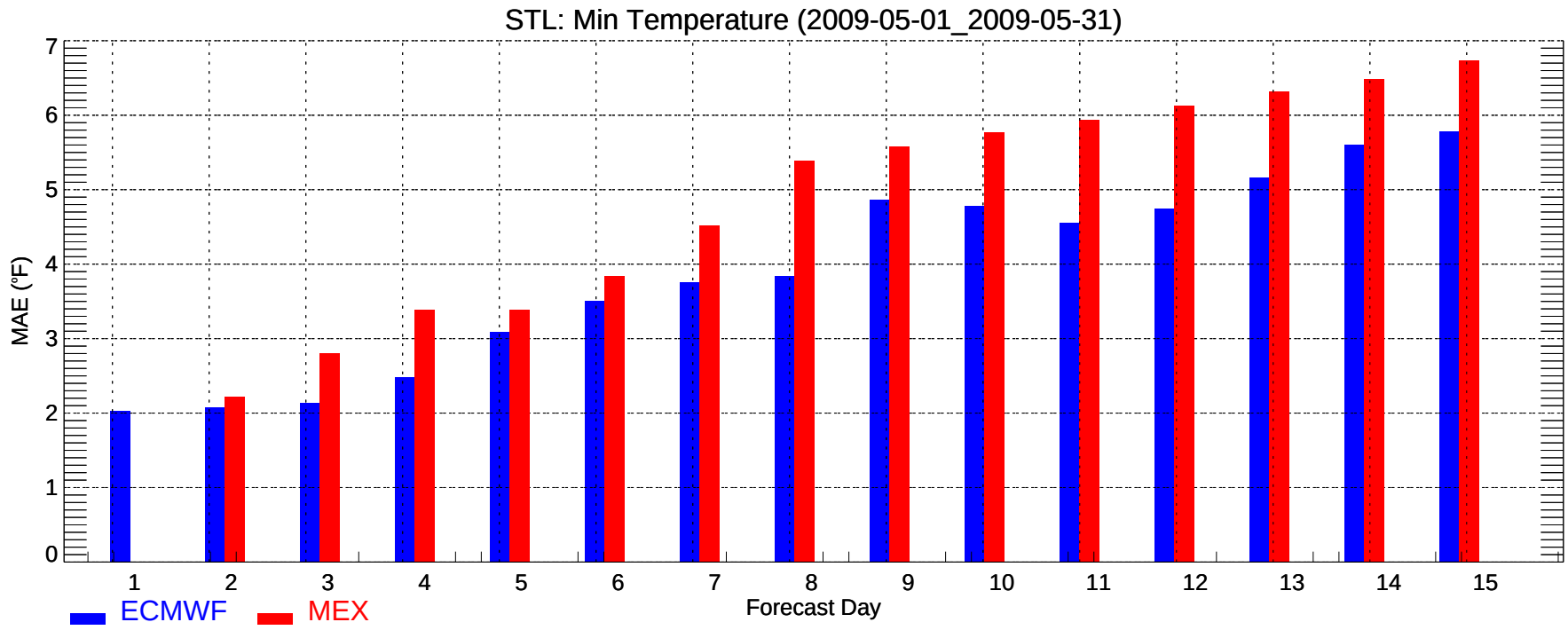
Forecast Day
ECMWF
MEX


STL: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
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2
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5
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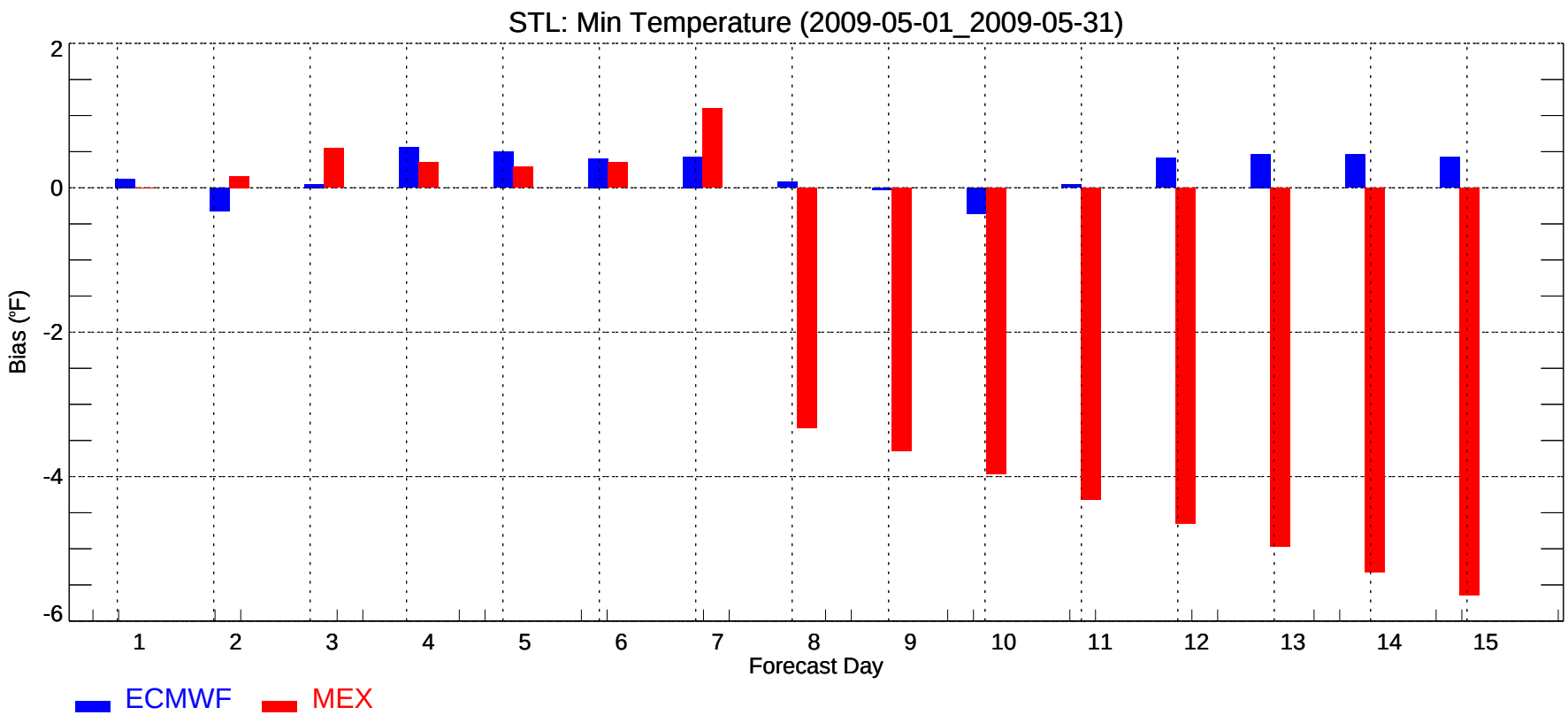
Forecast Day
ECMWF
MEX


STL: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
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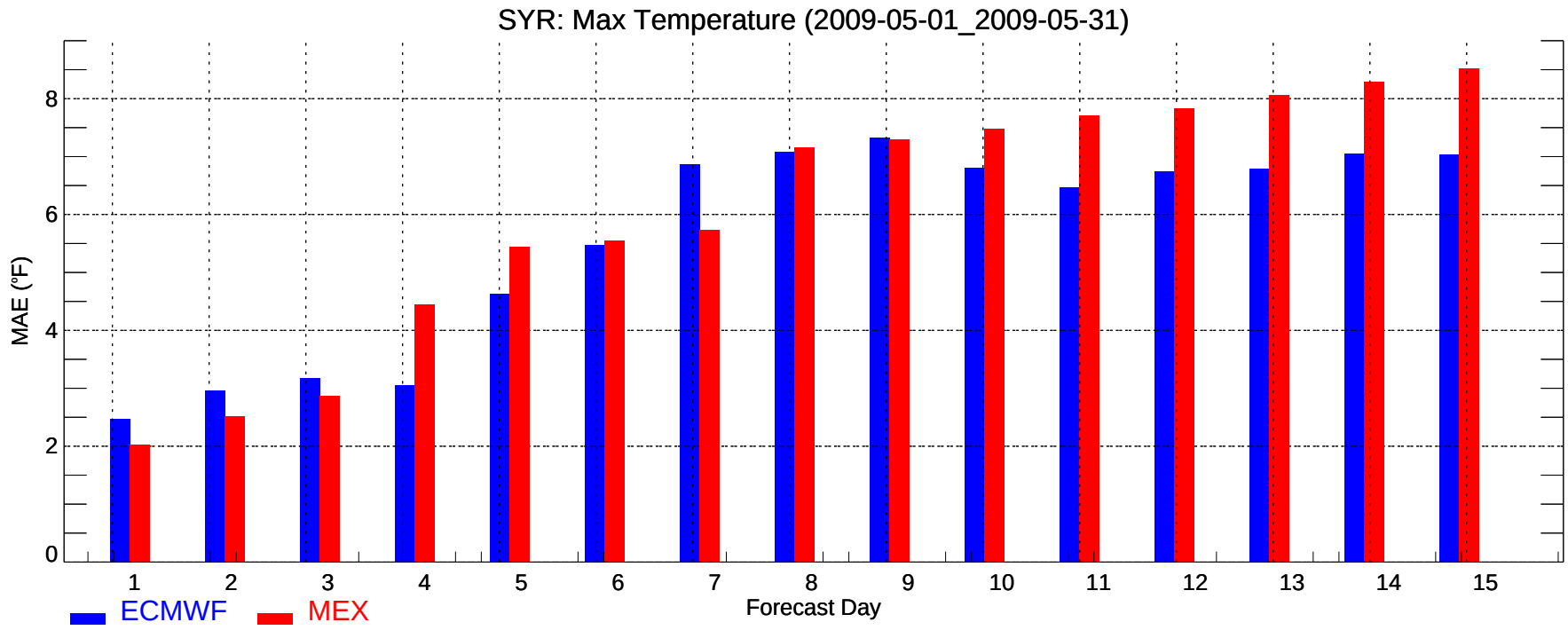
Forecast Day
ECMWF
MEX


SYR: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
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1
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6
7
8
9
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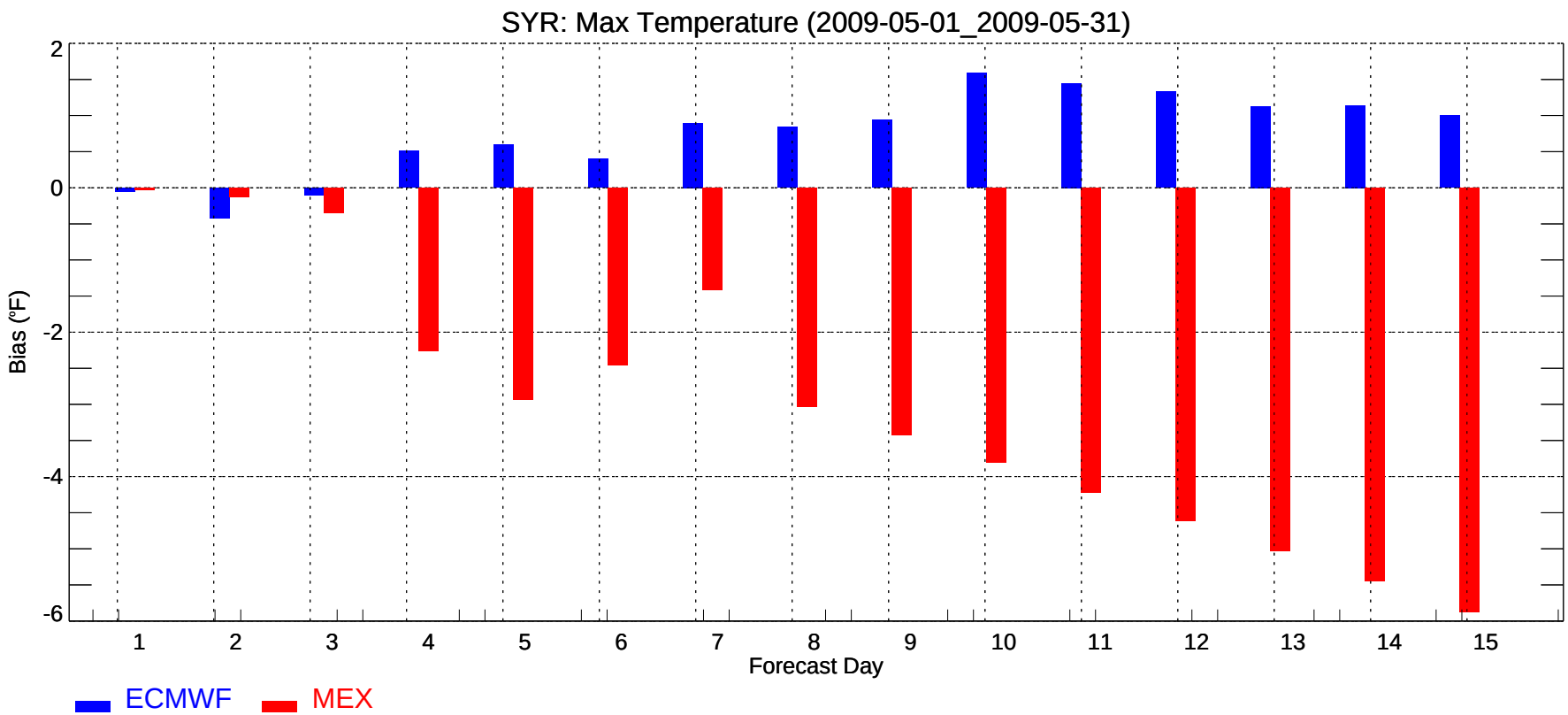
15
Forecast Day
ECMWF
MEX


SYR: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
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2
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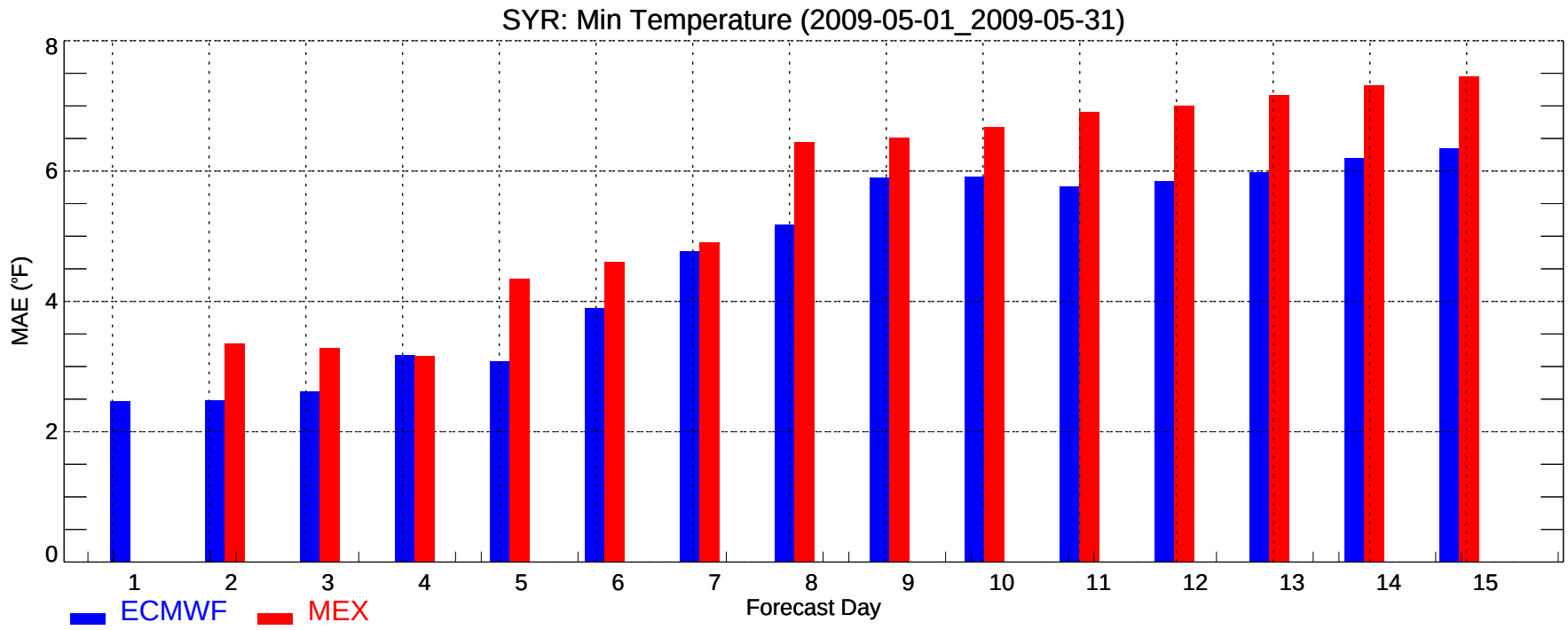
Forecast Day
ECMWF
MEX


SYR: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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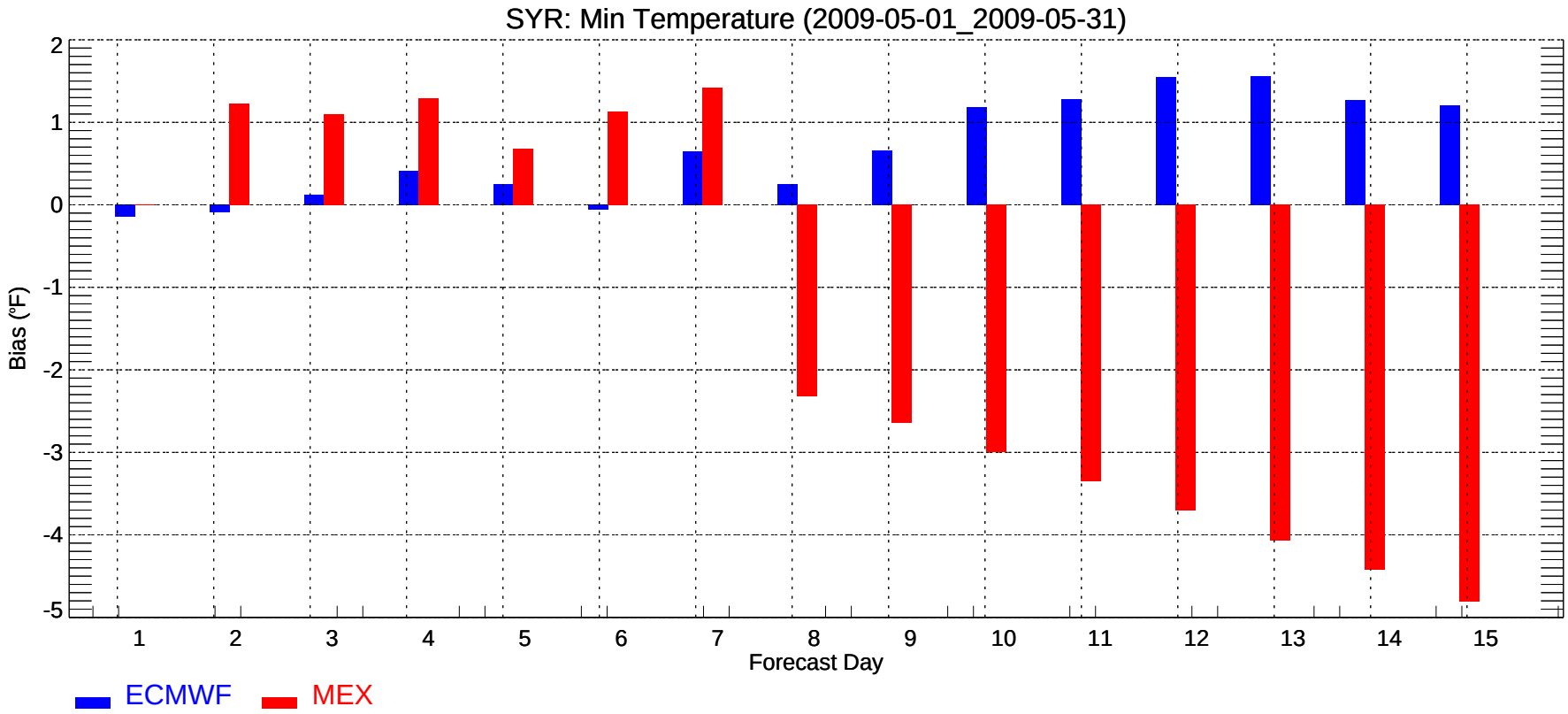
Forecast Day
ECMWF
MEX


SYR: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
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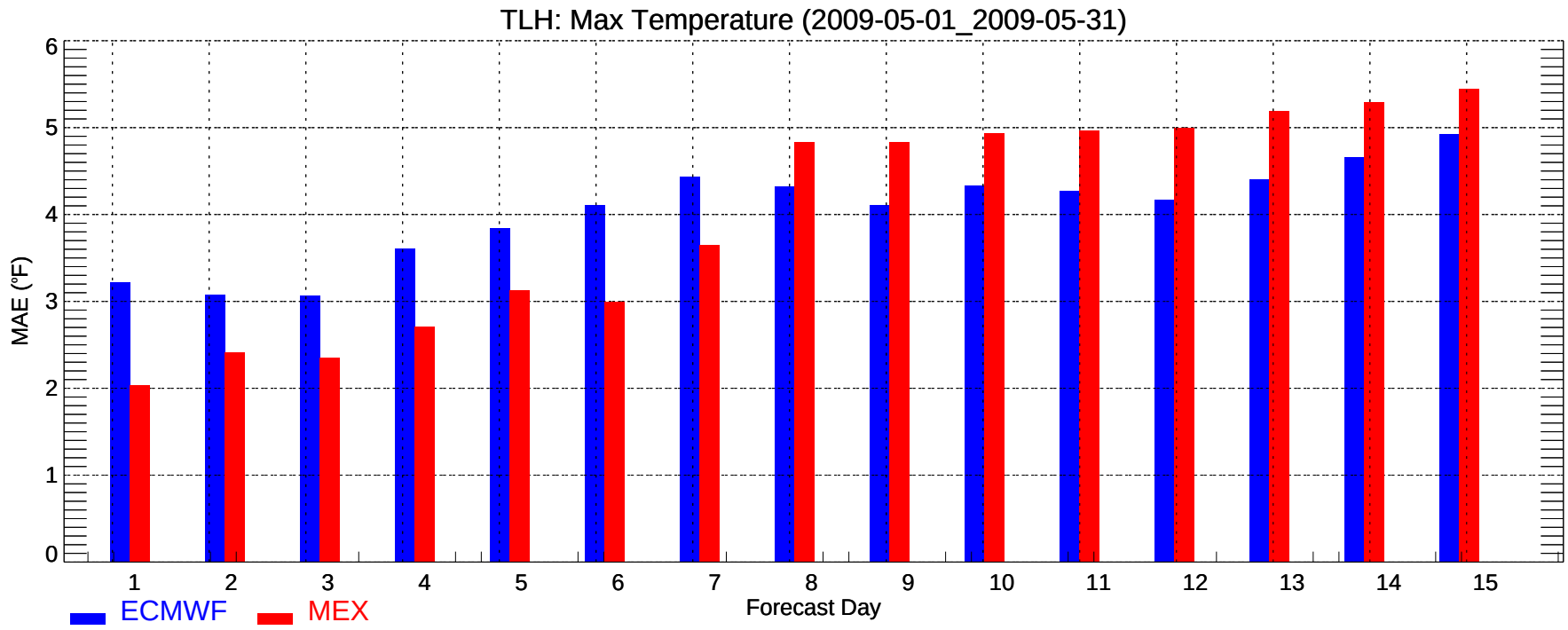
Forecast Day
ECMWF
MEX


TLH: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
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14
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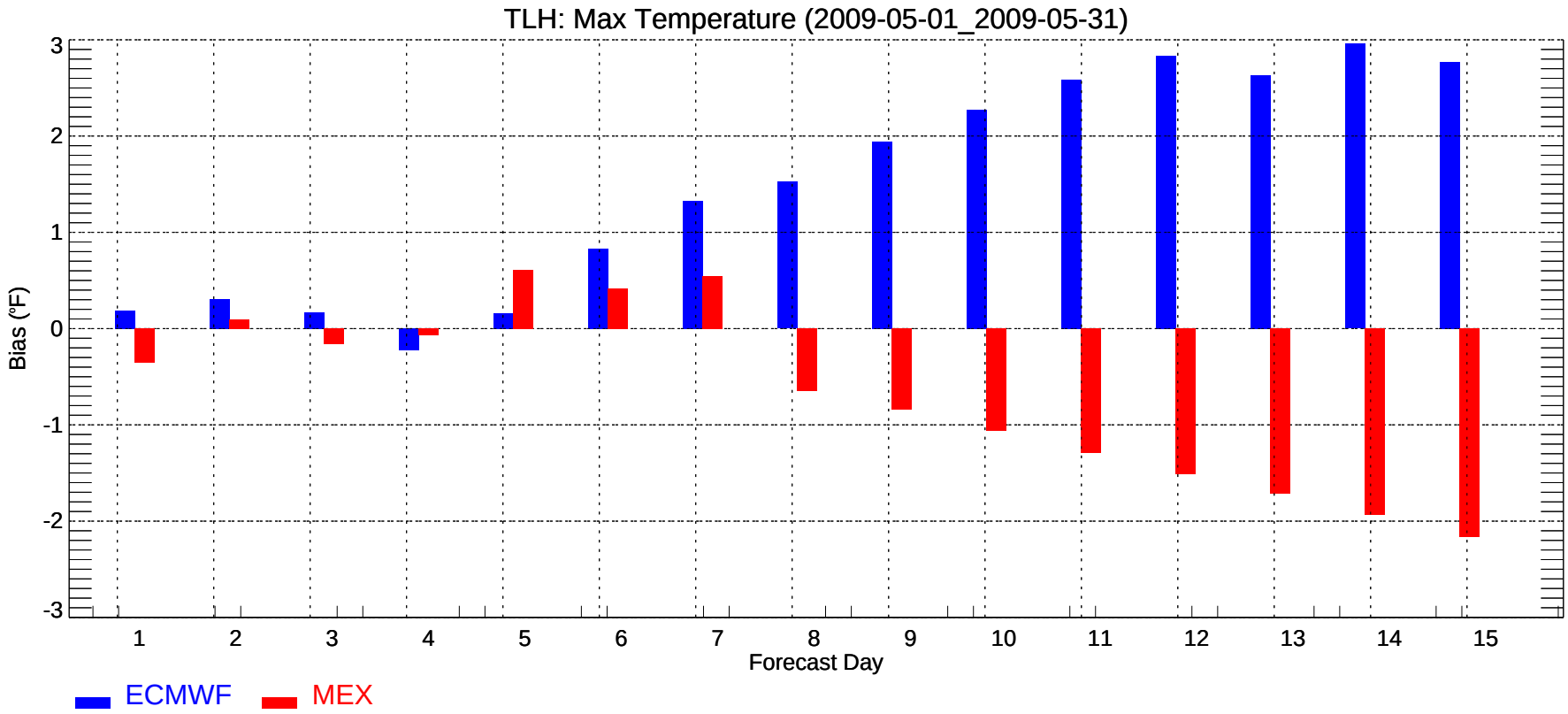
Forecast Day
ECMWF
MEX


TLH: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
-3
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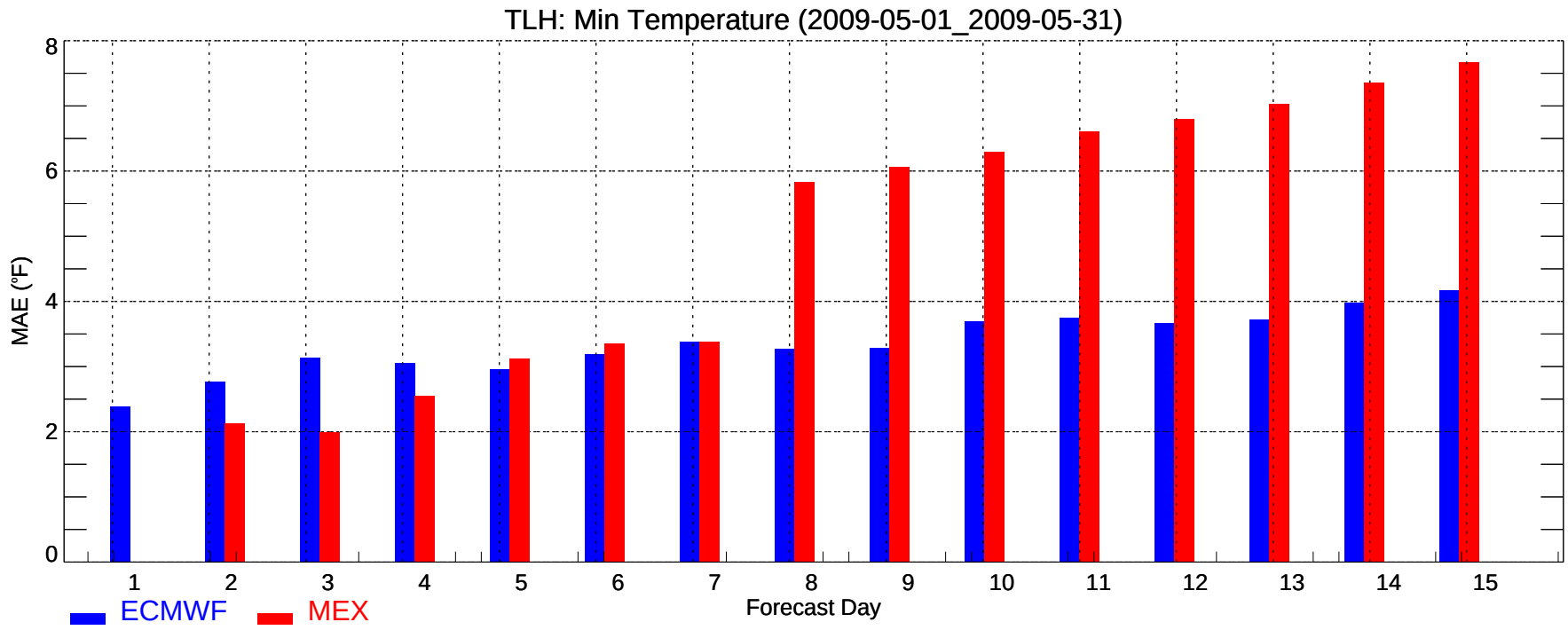
Forecast Day
ECMWF
MEX


TLH: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
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6
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14
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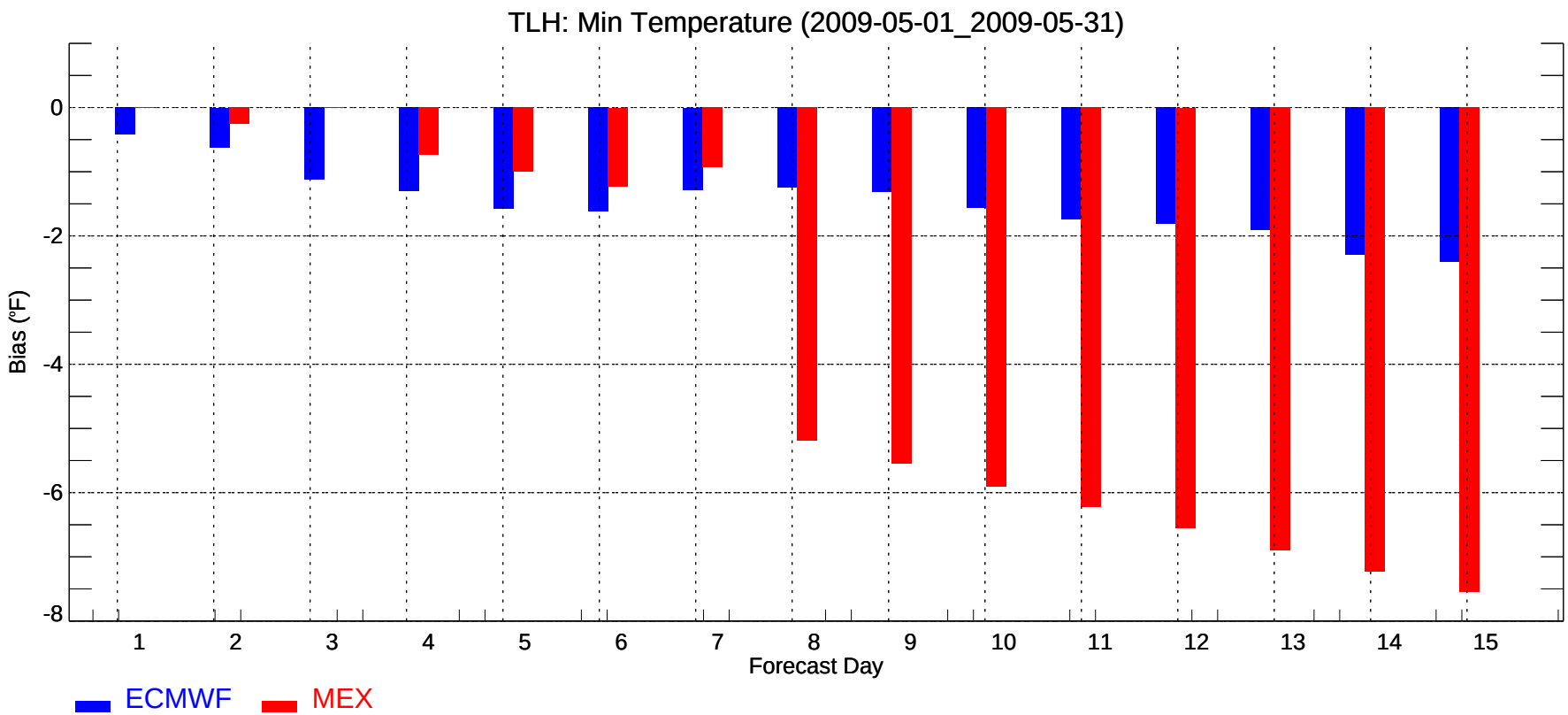
Forecast Day
ECMWF
MEX


TLH: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
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14
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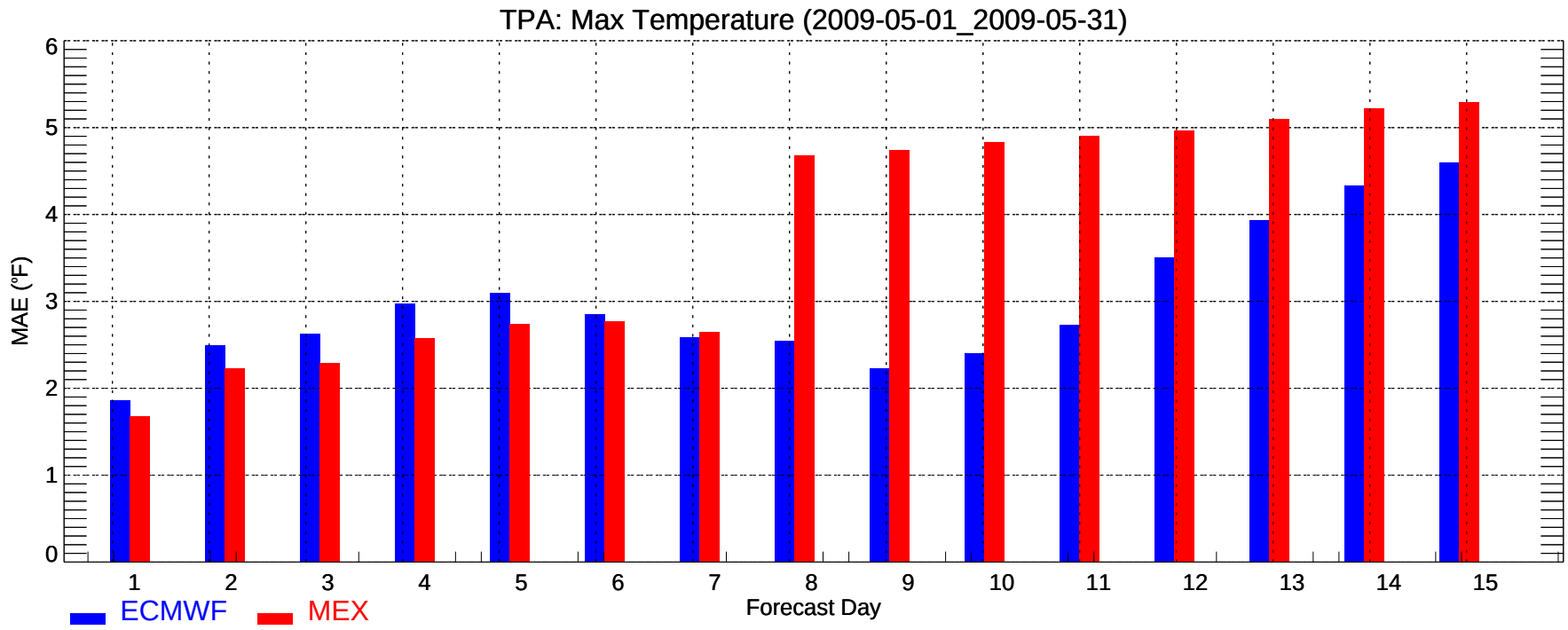
Forecast Day
ECMWF
MEX


TPA: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
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5
6
7
8
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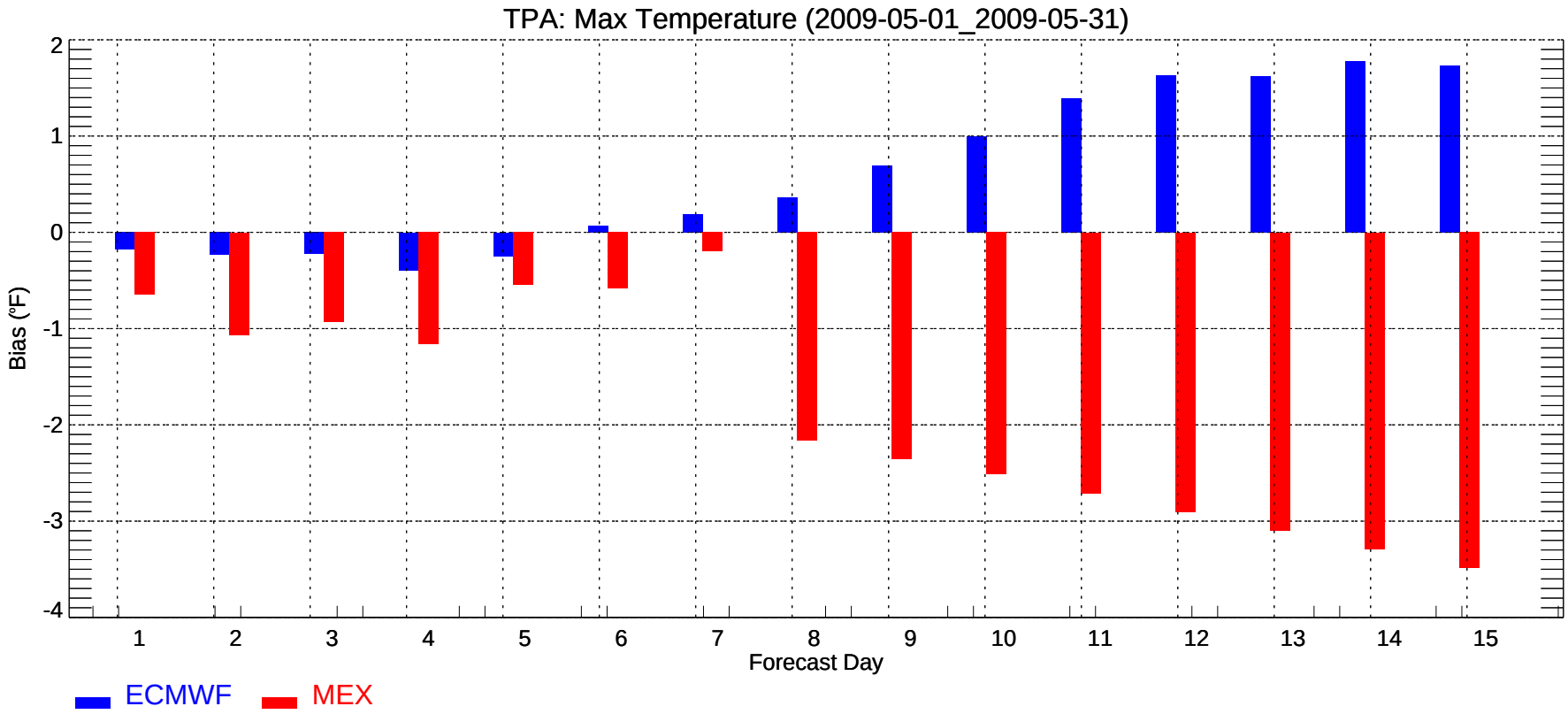
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TPA: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
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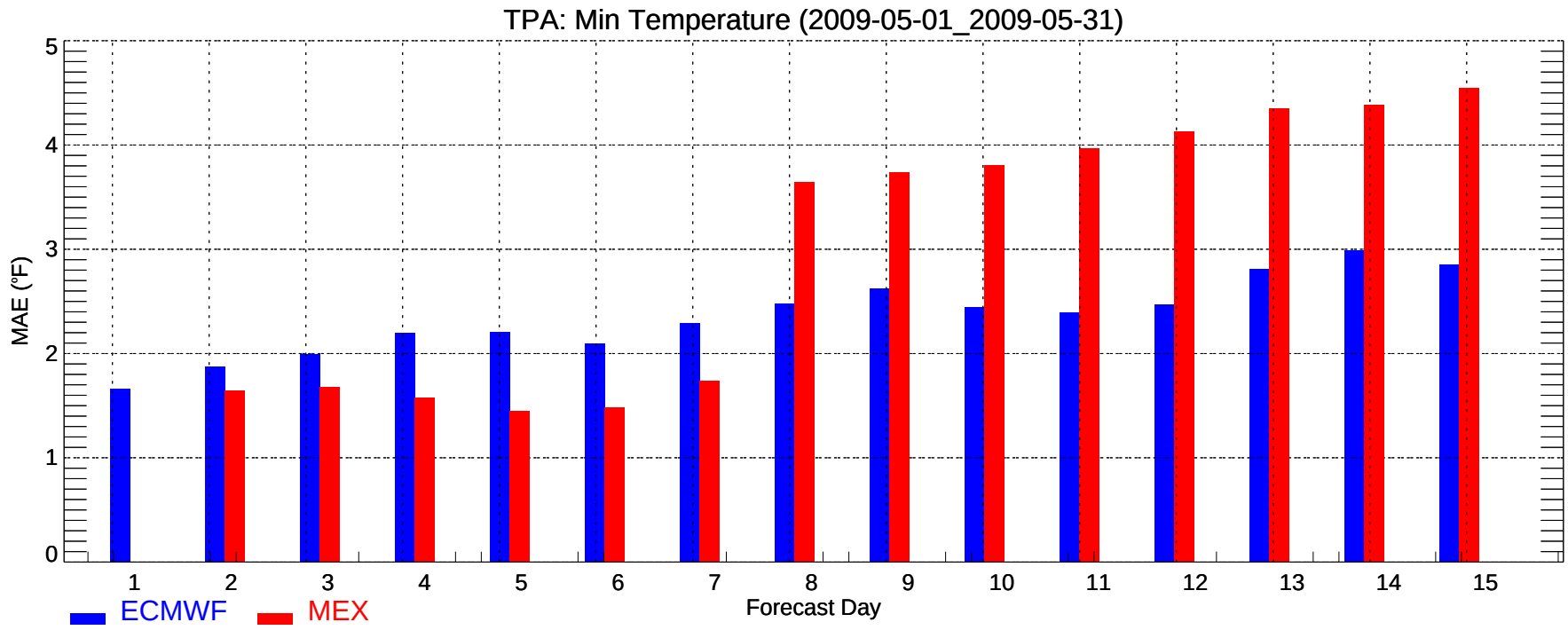
15
Forecast Day
ECMWF
MEX


TPA: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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10
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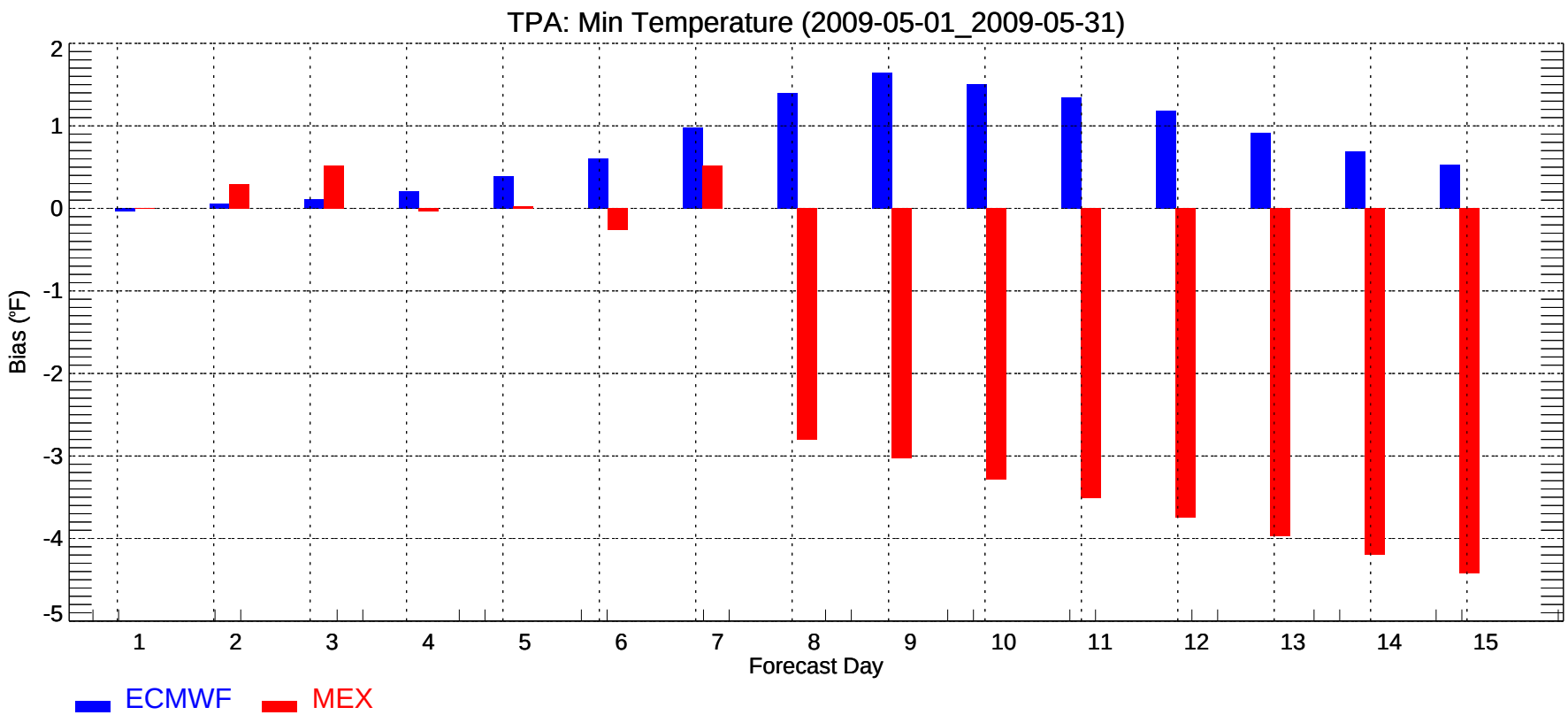
12
13
14
15
Forecast Day
ECMWF
MEX


TPA: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
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1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
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8
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13
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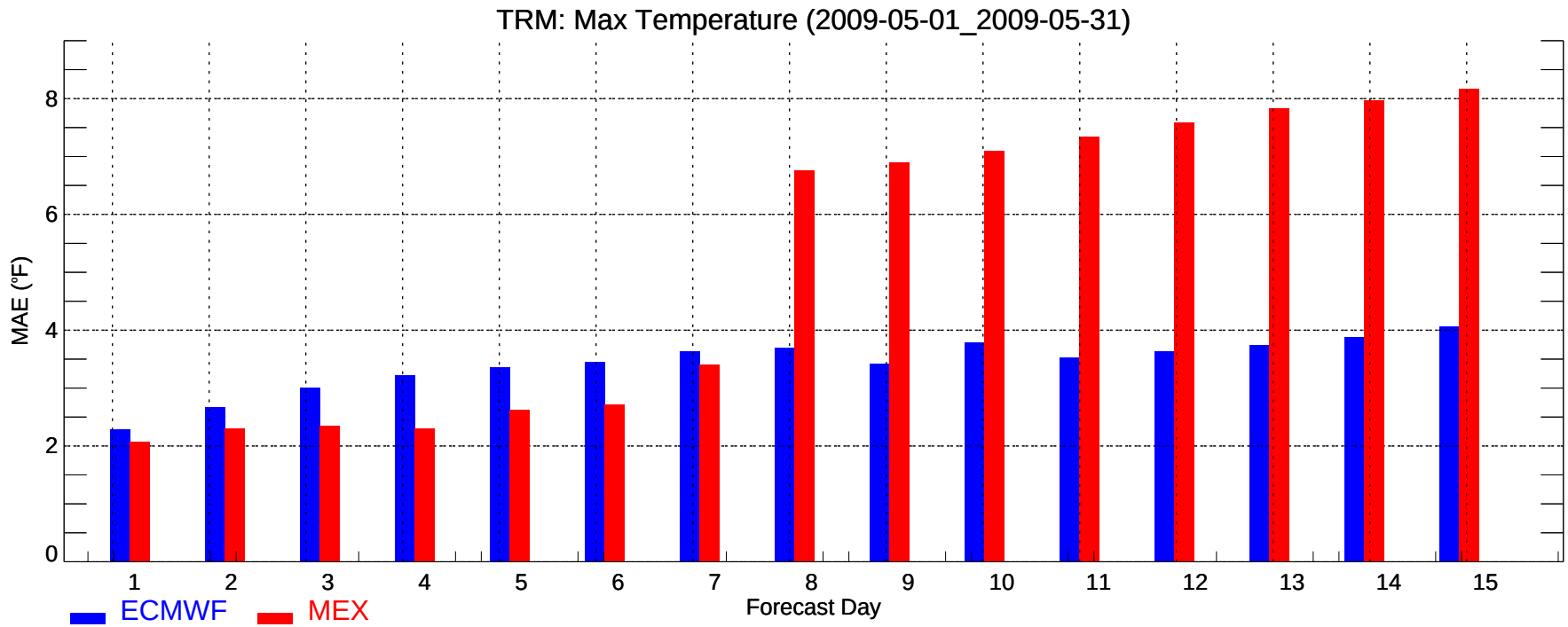
Forecast Day
ECMWF
MEX


TRM: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
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6
7
8
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10
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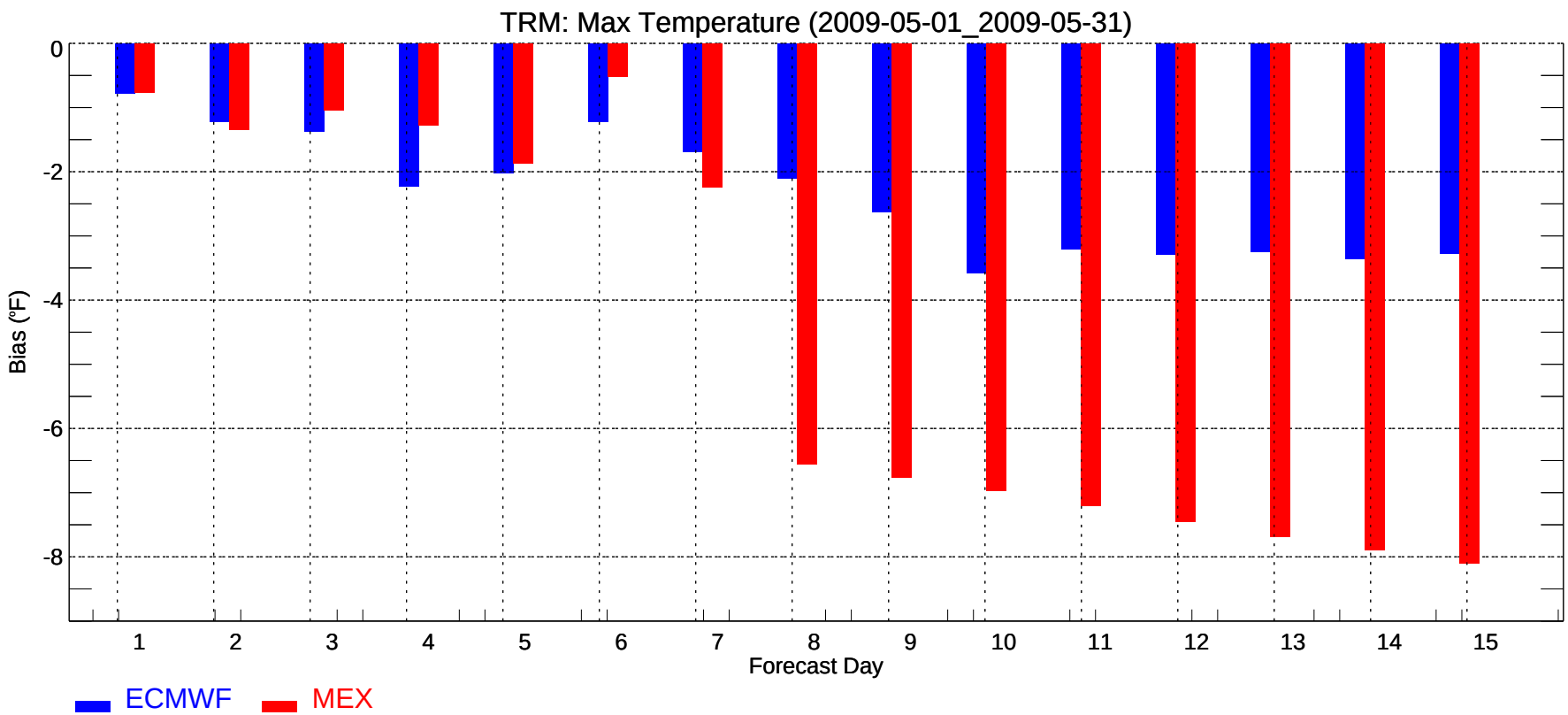
12
13
14
15
Forecast Day
ECMWF
MEX


TRM: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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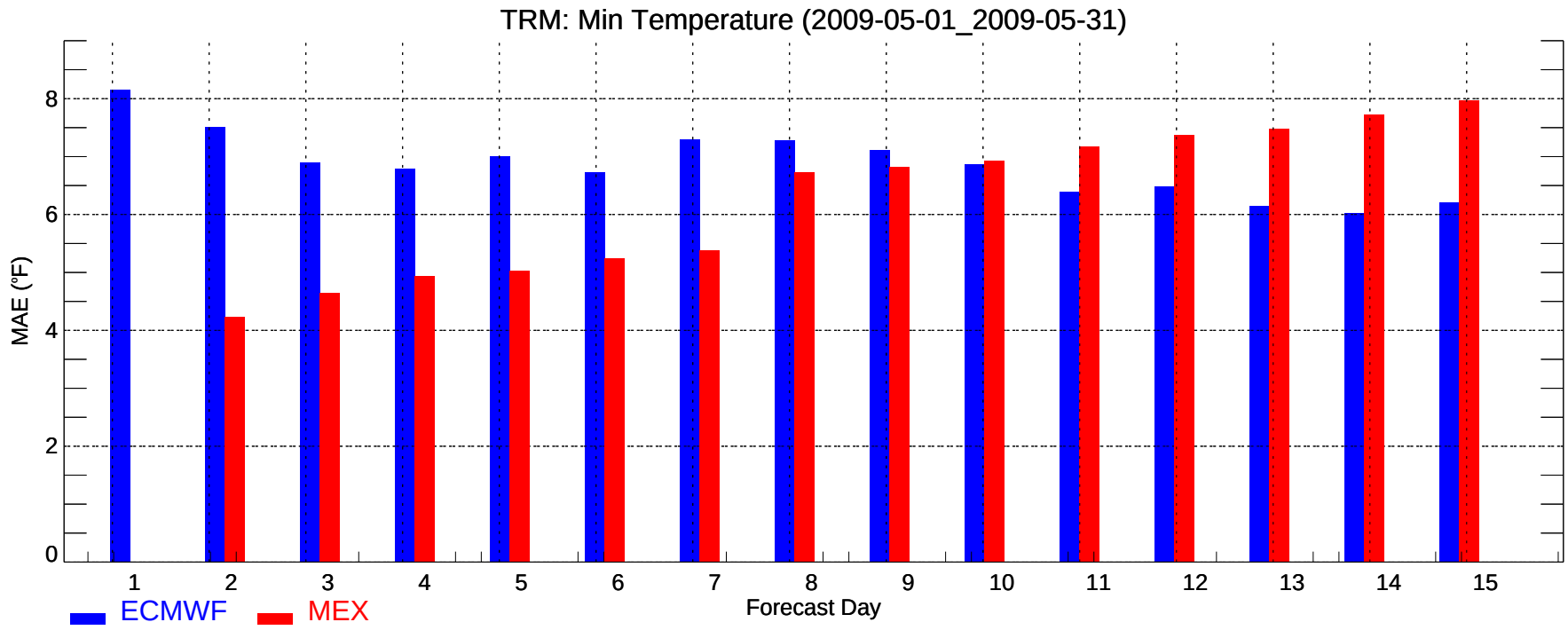
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TRM: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
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1
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8
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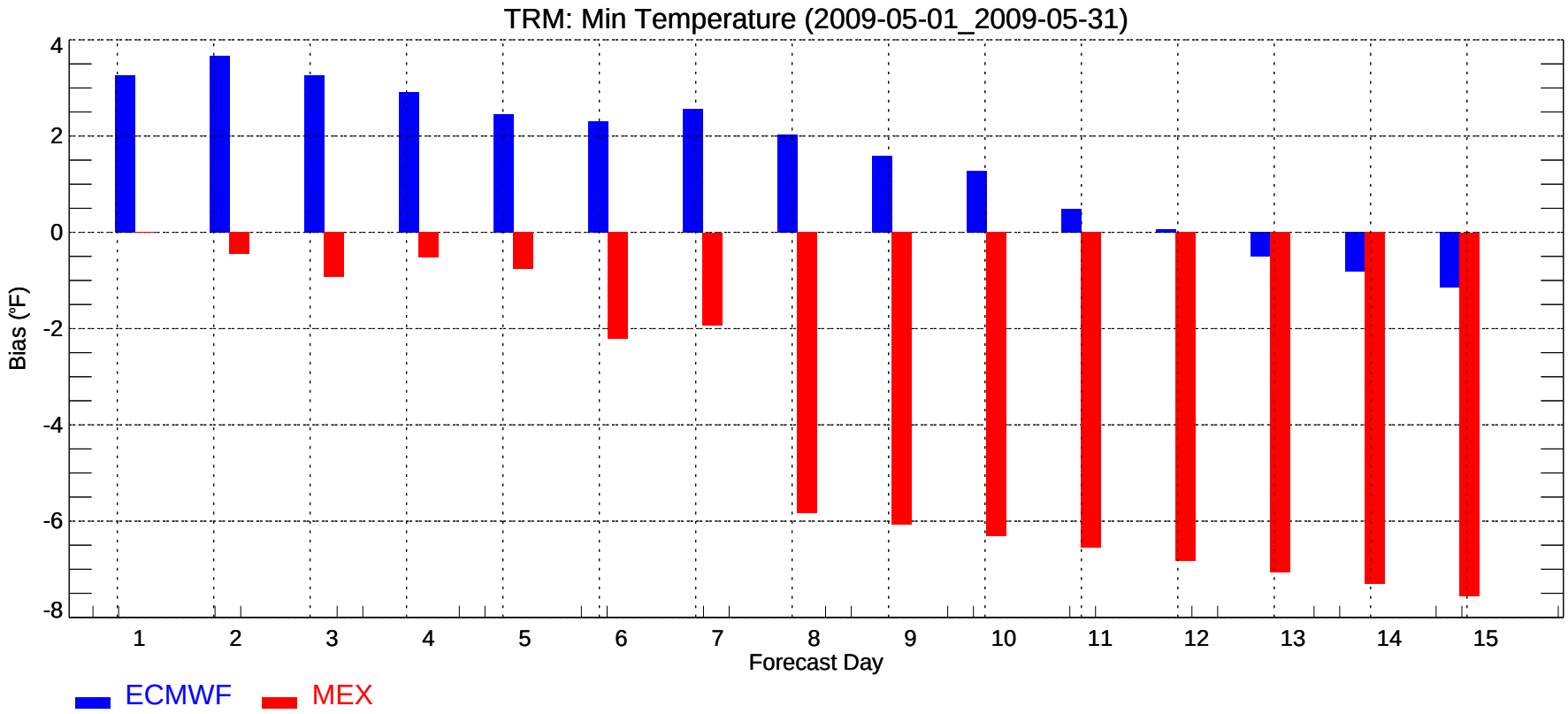
13
14
15
Forecast Day
ECMWF
MEX


TRM: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
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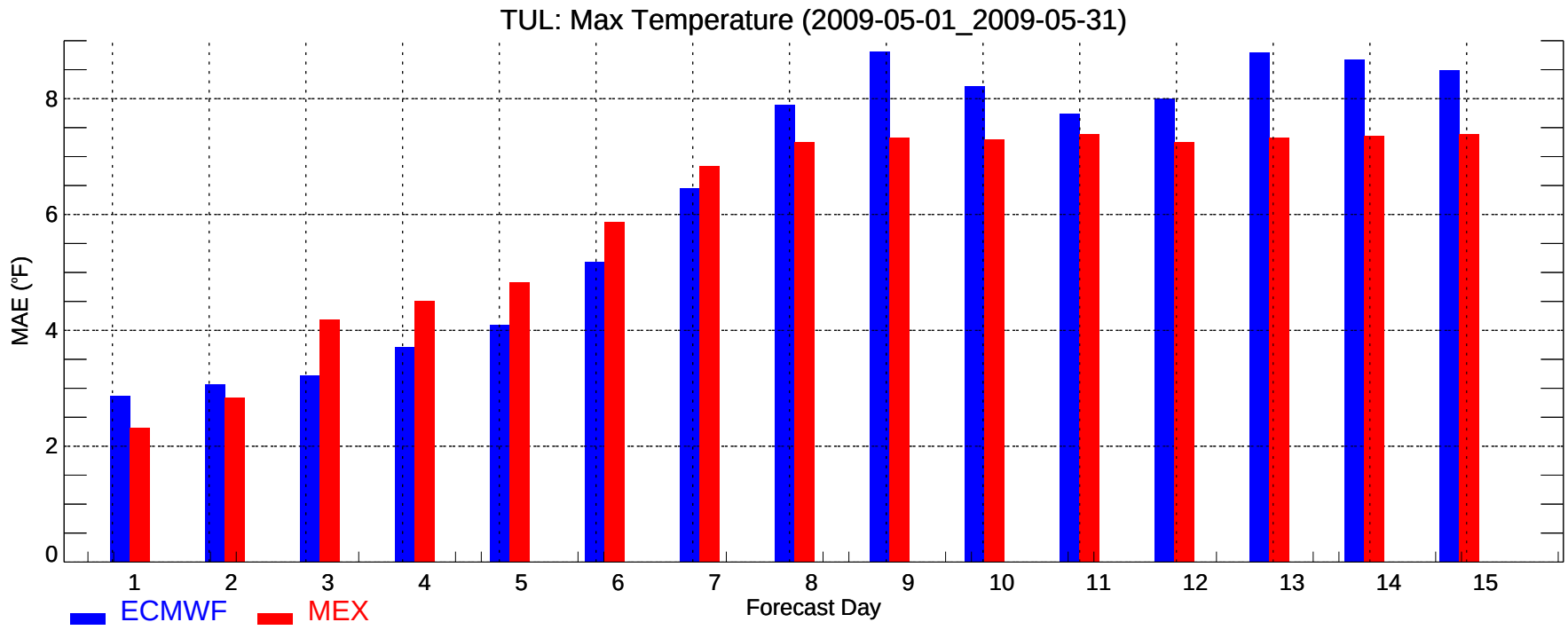
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUL: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
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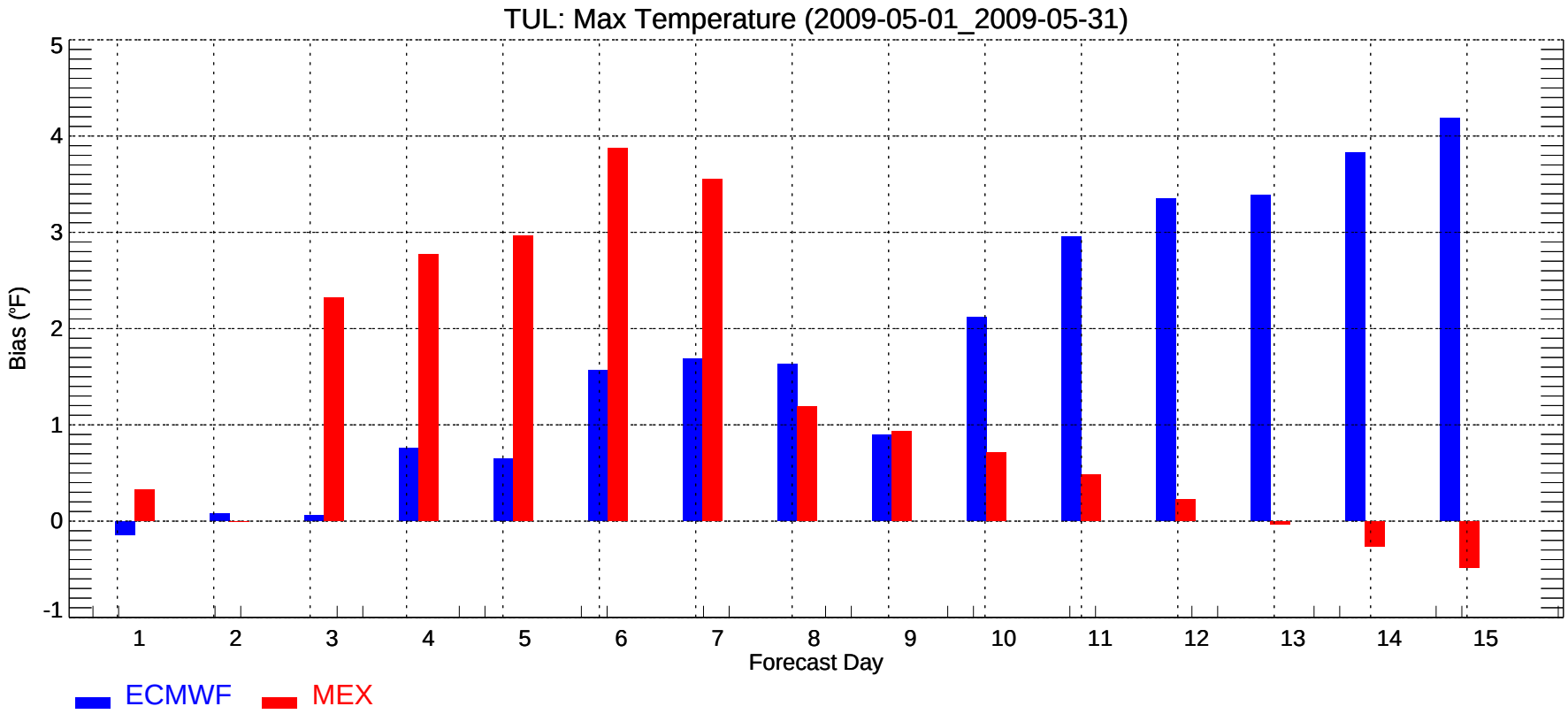
12
13
14
15
Forecast Day
ECMWF
MEX


TUL: Max Temperature (2009-05-01_2009-05-31)
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
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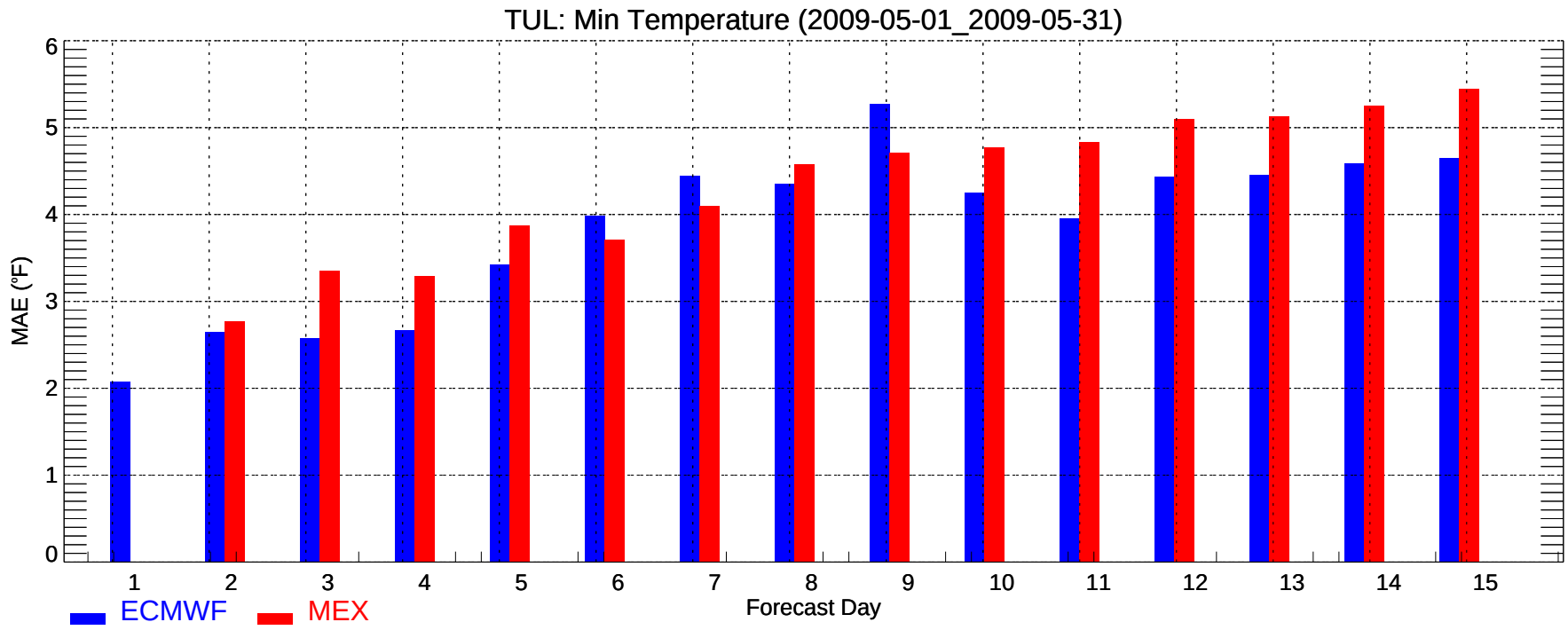
Forecast Day
ECMWF
MEX


TUL: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
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4
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6
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8
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11
12
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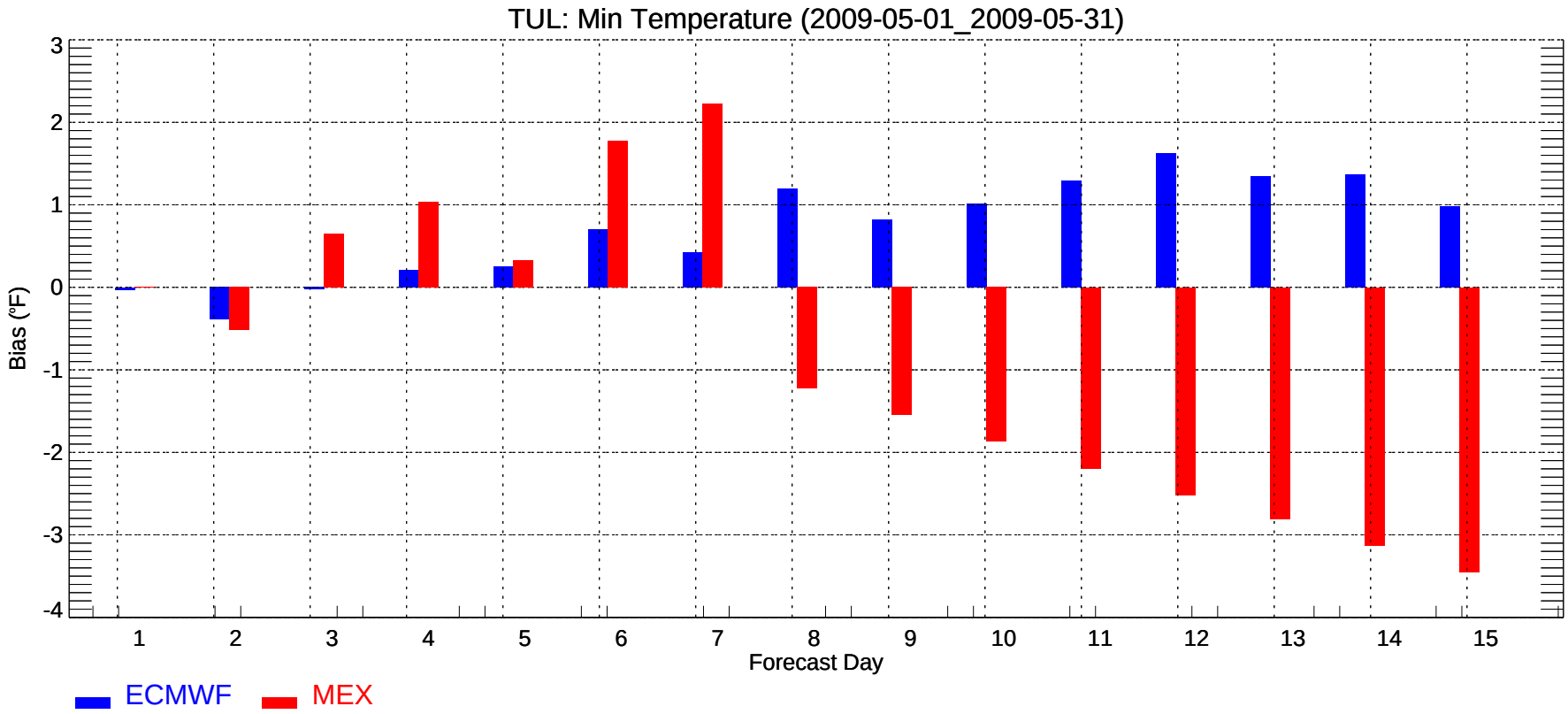
14
15
Forecast Day
ECMWF
MEX


TUL: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
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2
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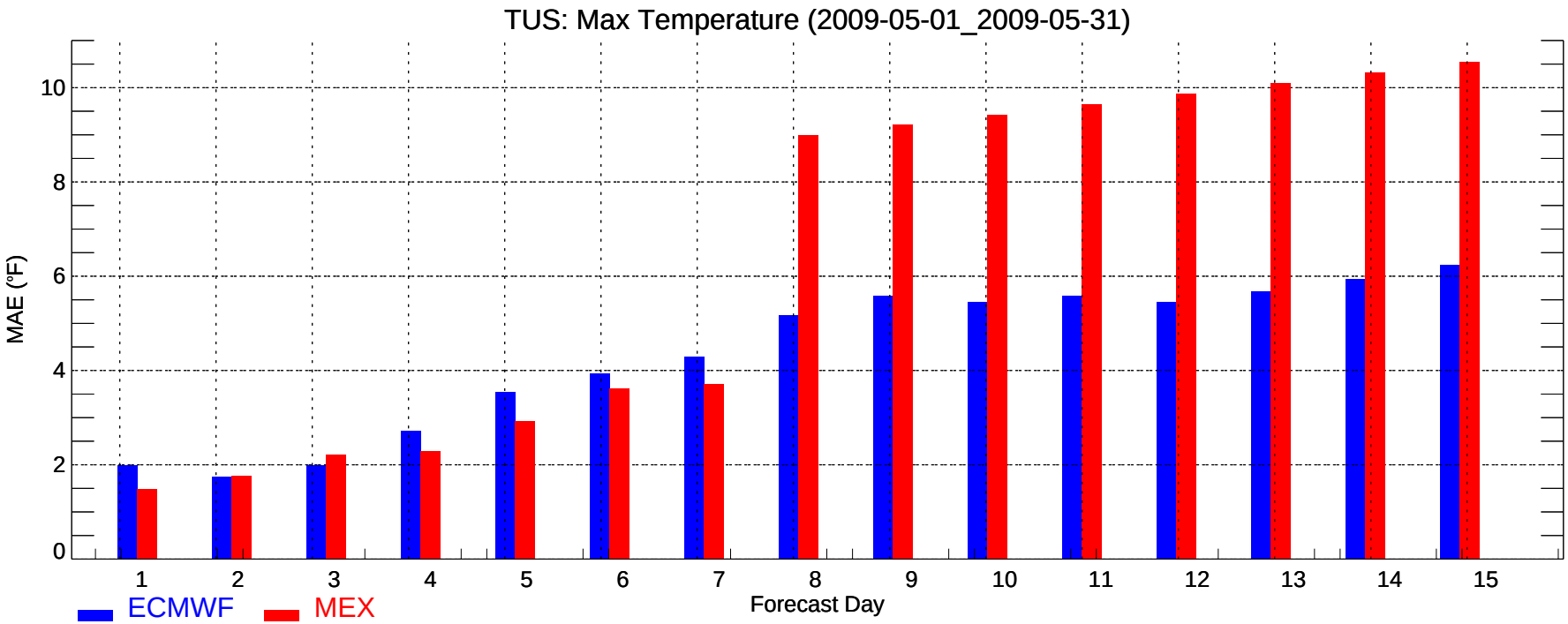
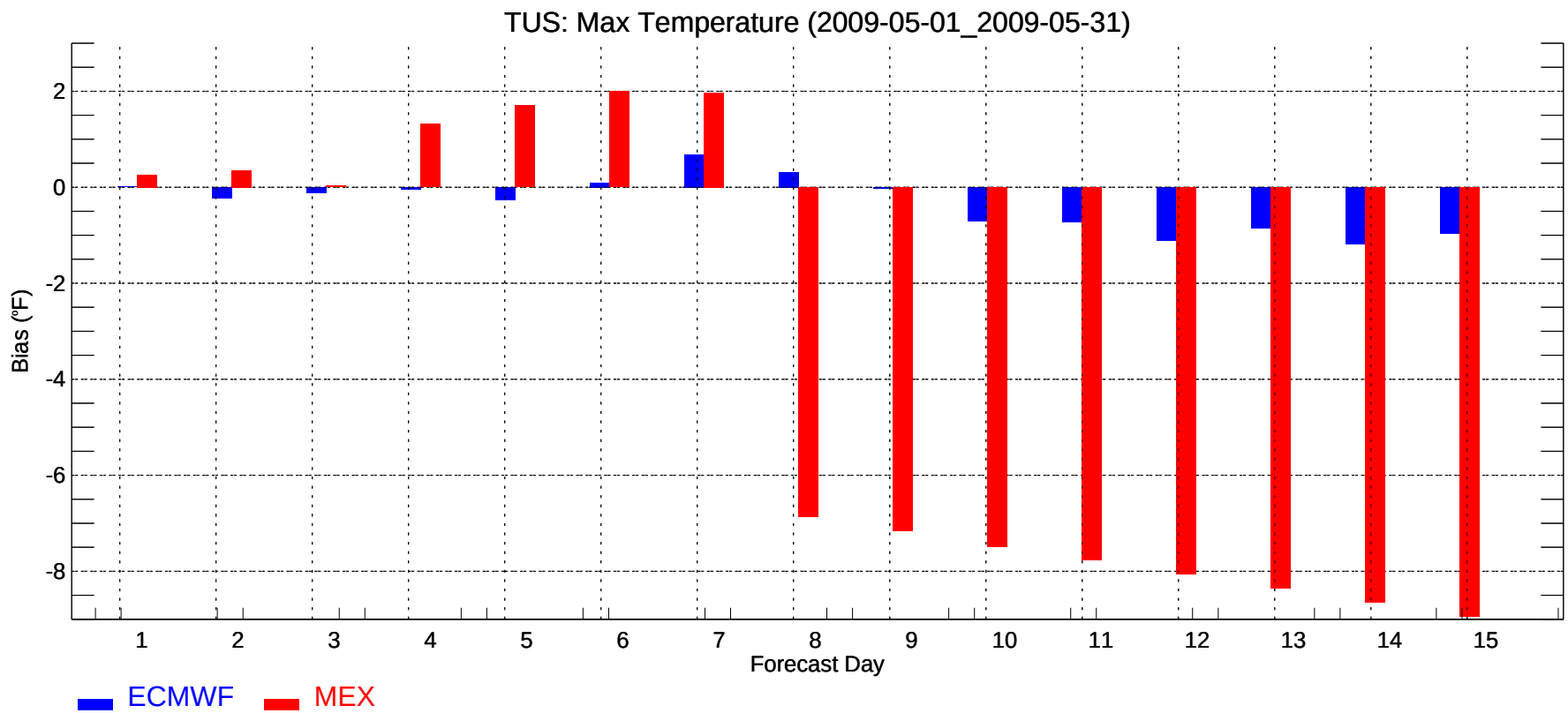
Forecast Day
ECMWF
MEX


TUS: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUS: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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6
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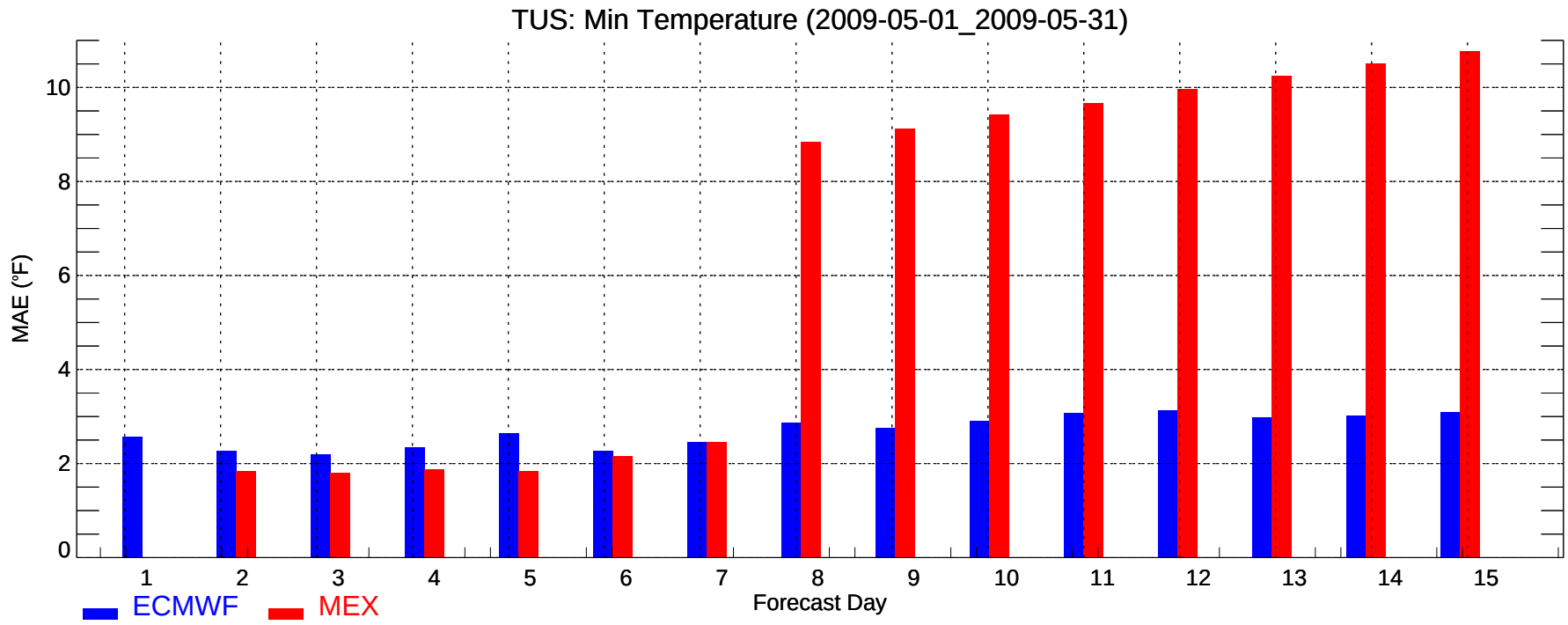
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUS: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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2
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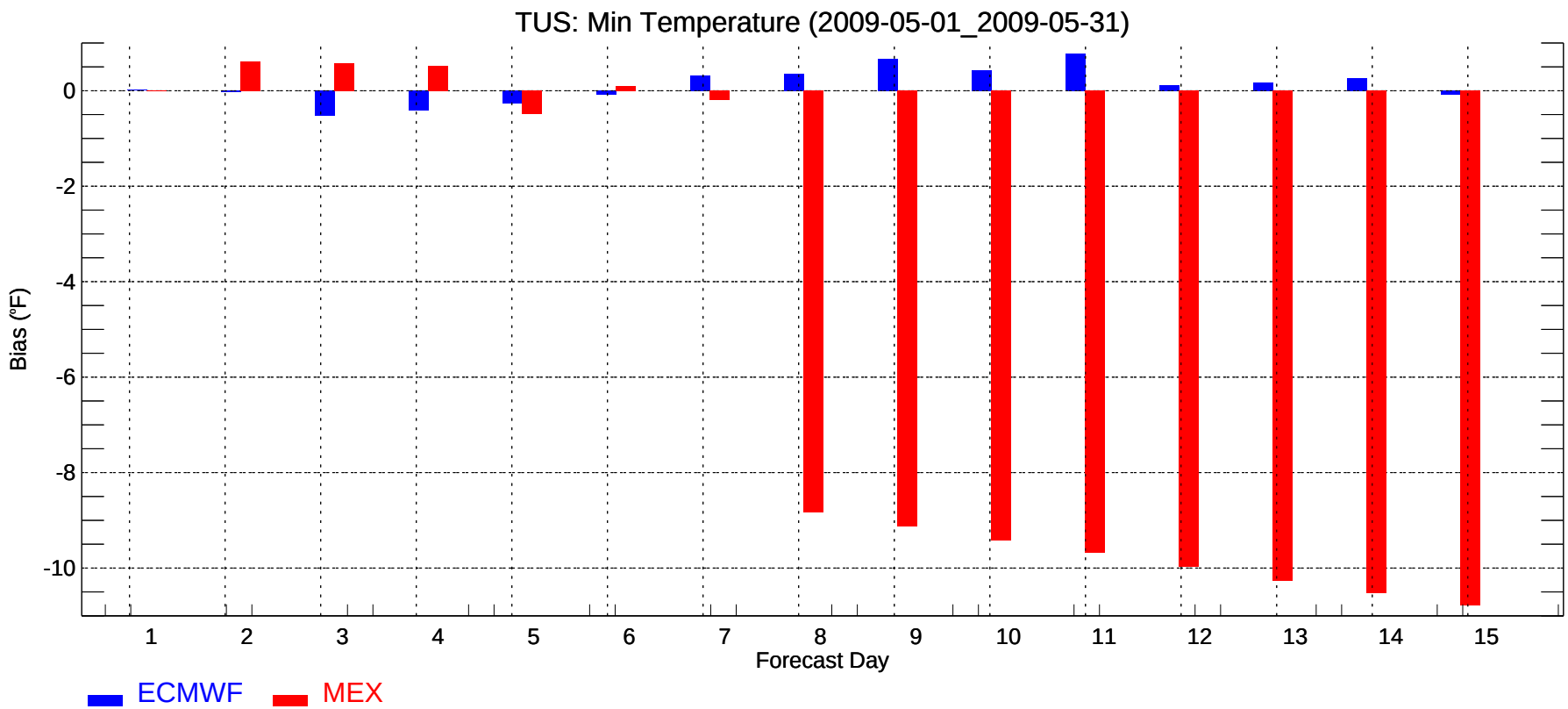
14
15
Forecast Day
ECMWF
MEX


TUS: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
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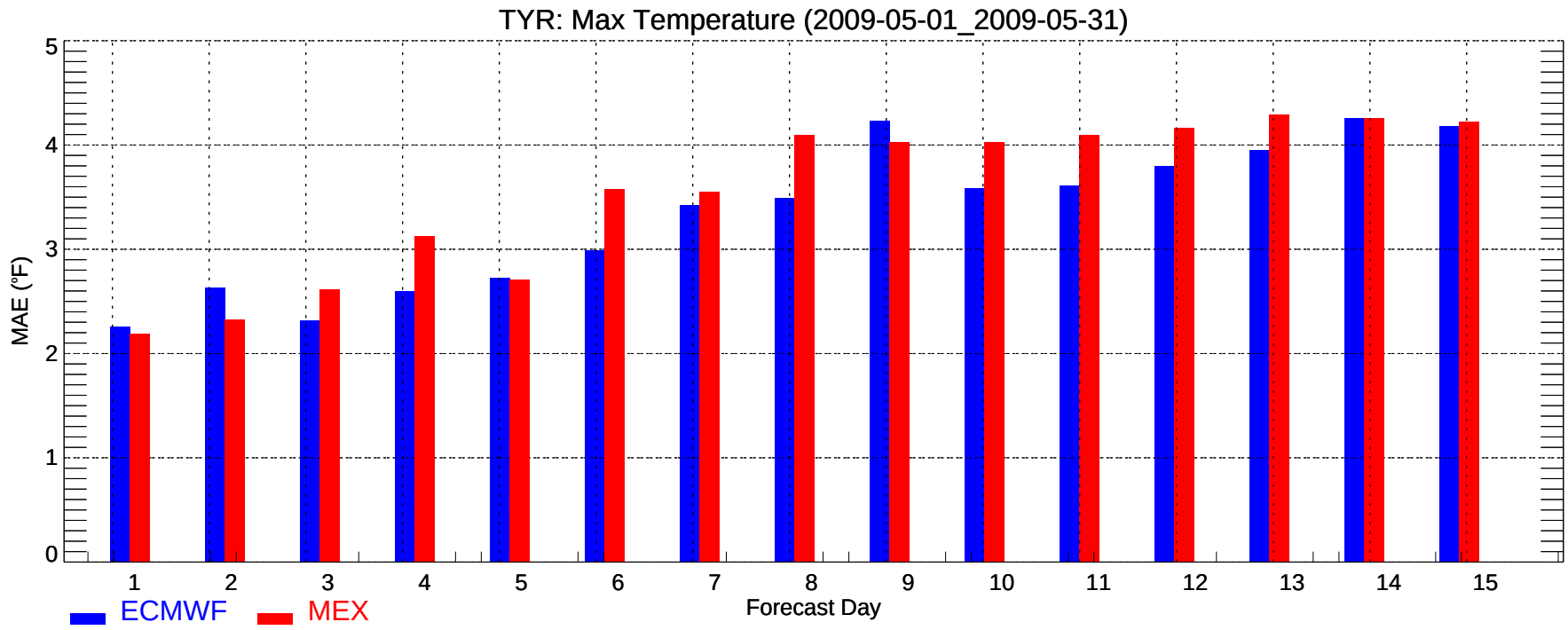
Forecast Day
ECMWF
MEX


TYR: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
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4
5
1
2
3
4
5
6
7
8
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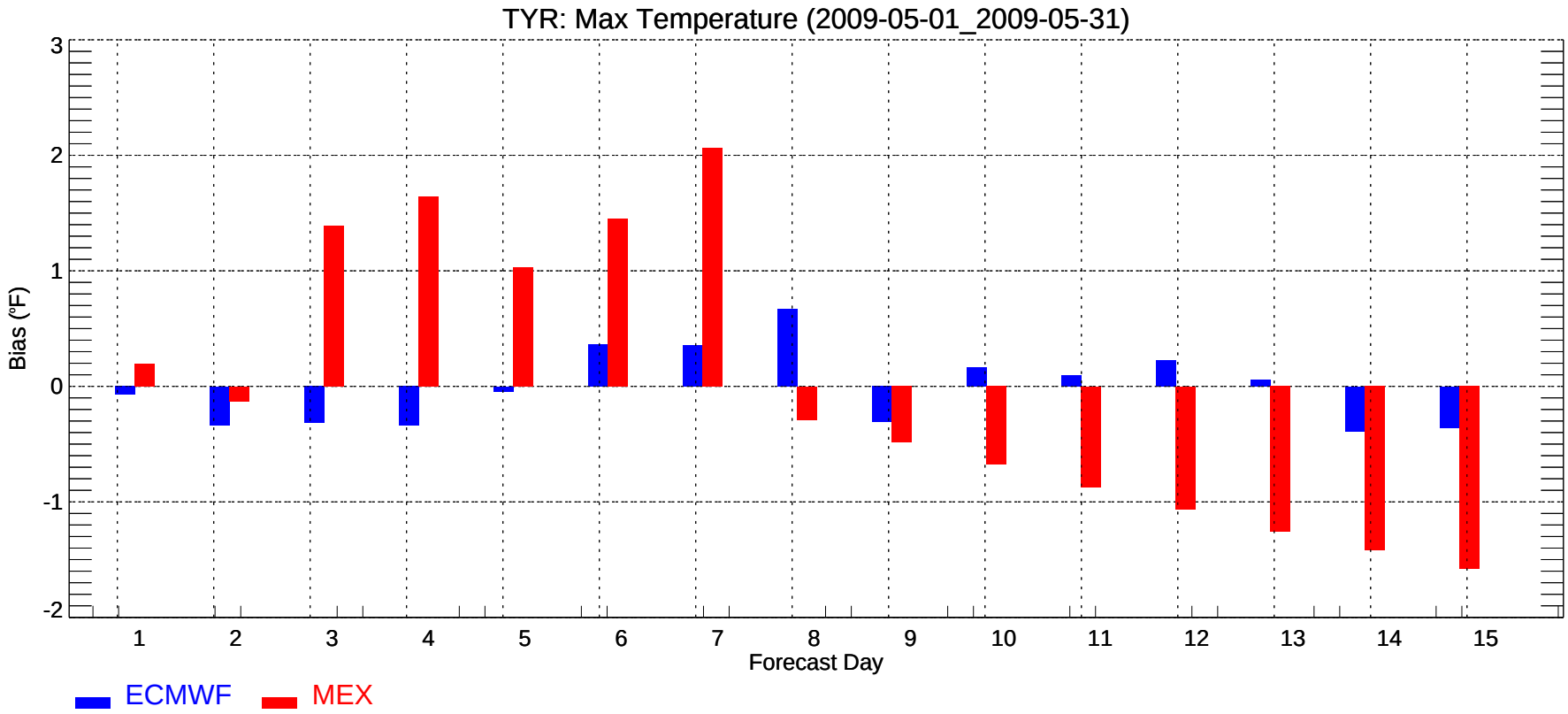
13
14
15
Forecast Day
ECMWF
MEX


TYR: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
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6
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8
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13
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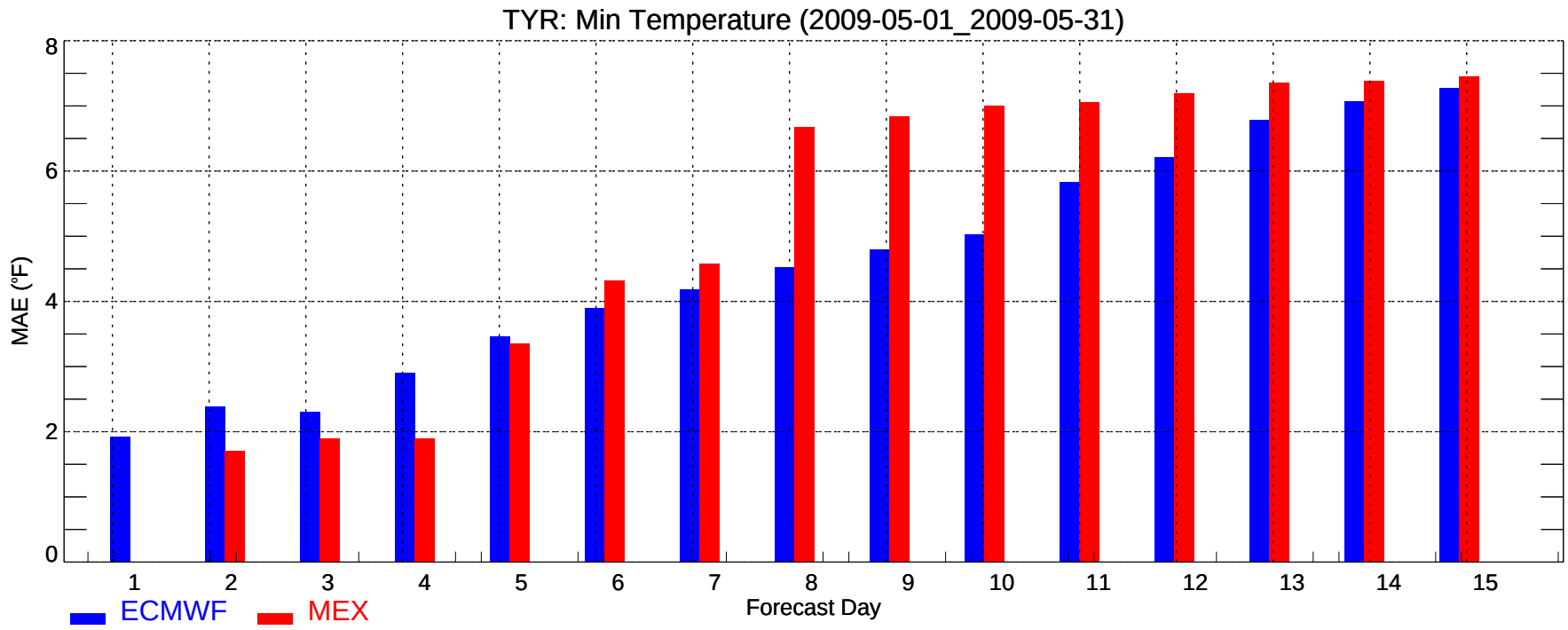
Forecast Day
ECMWF
MEX


TYR: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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8
1
2
3
4
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6
7
8
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14
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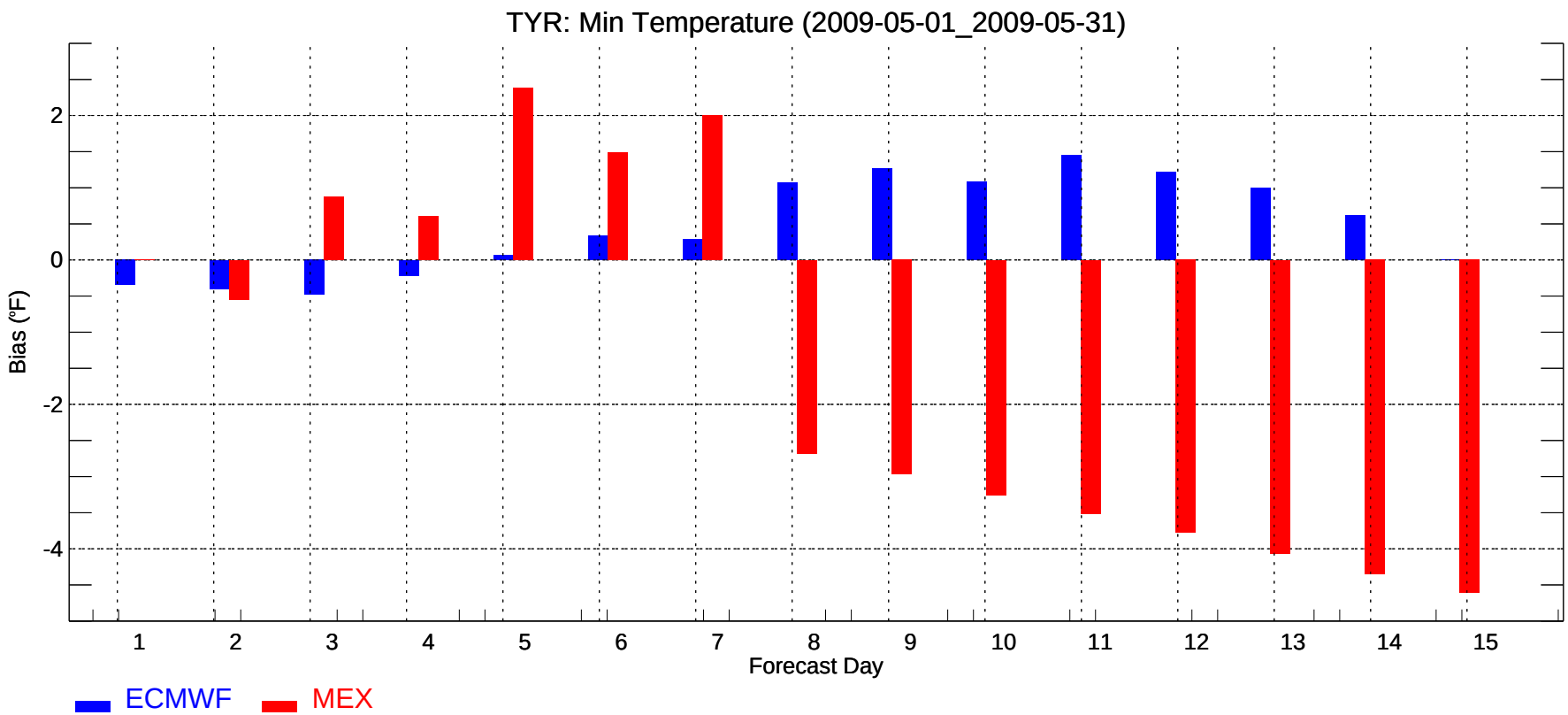
Forecast Day
ECMWF
MEX


TYR: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
1
2
3
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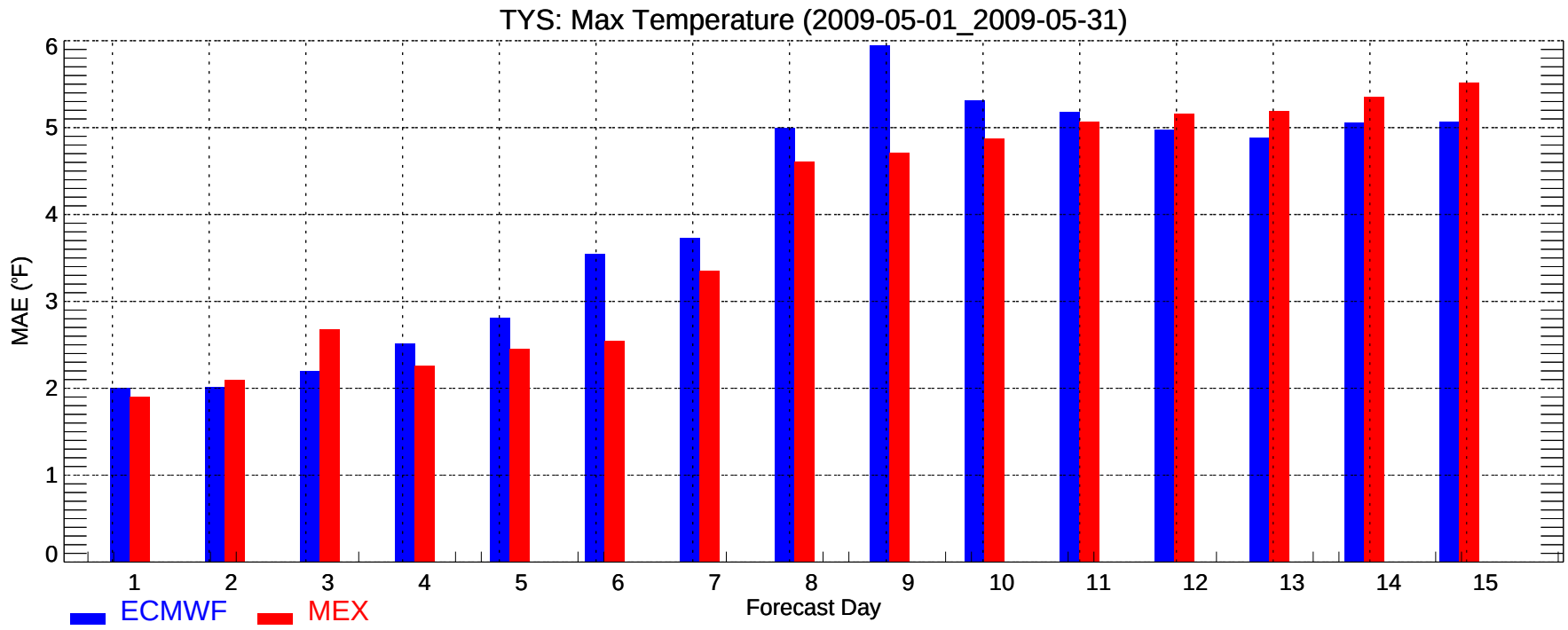
Forecast Day
ECMWF
MEX


TYS: Max Temperature (2009-05-01_2009-05-31)
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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13
14
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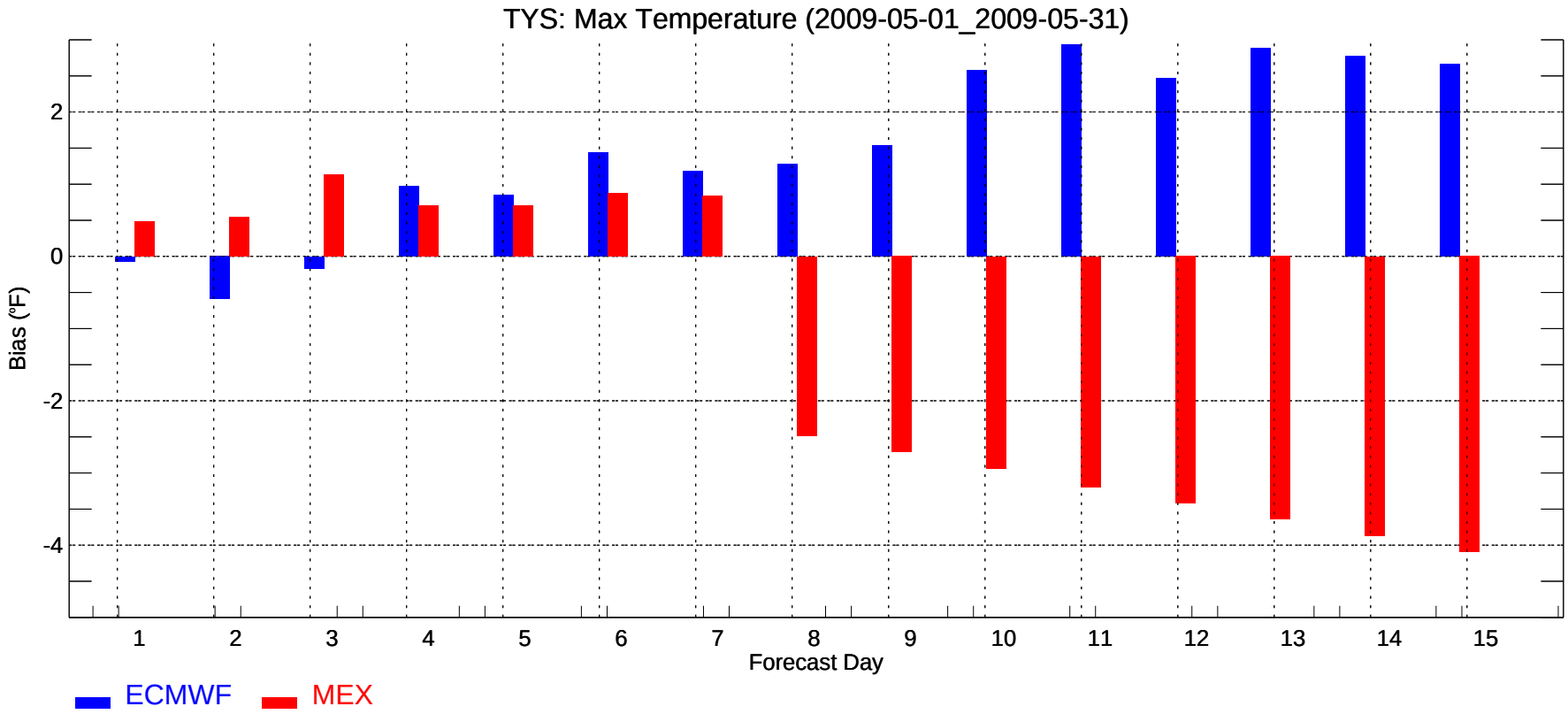
Forecast Day
ECMWF
MEX


TYS: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
1
2
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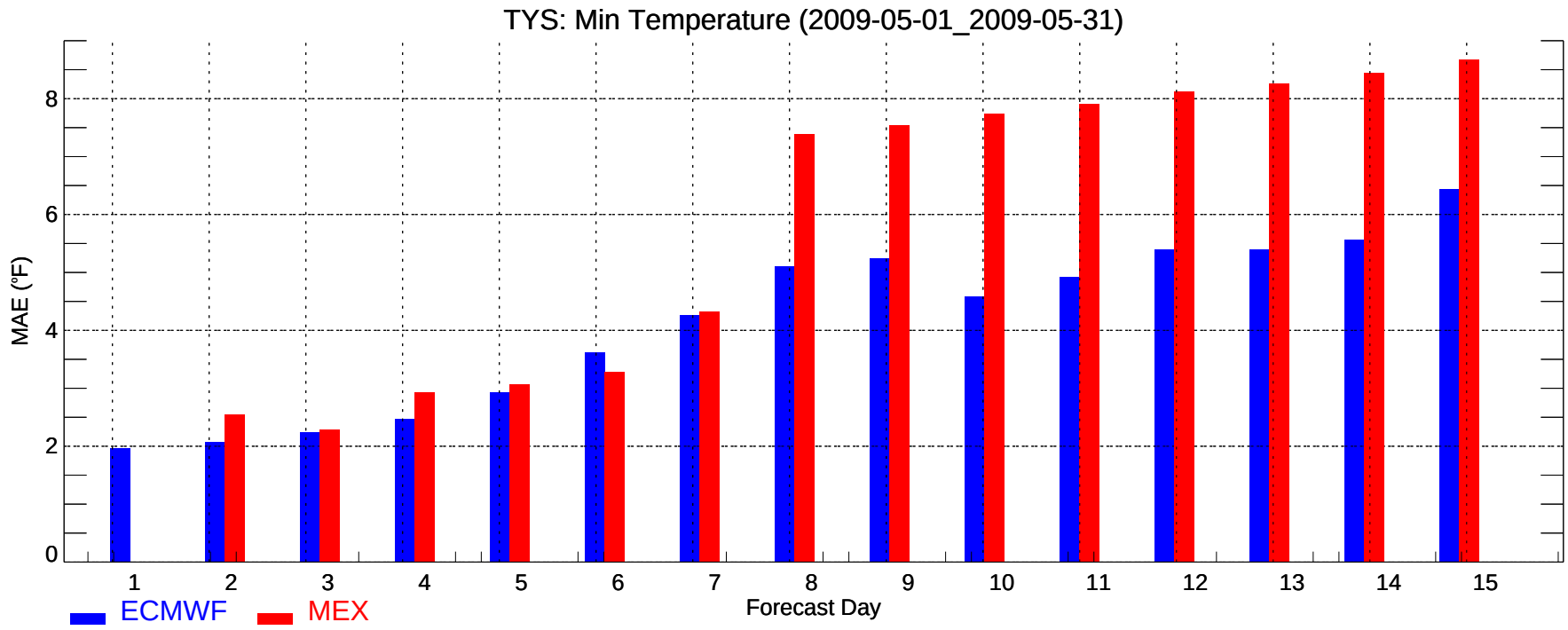
Forecast Day
ECMWF
MEX


TYS: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
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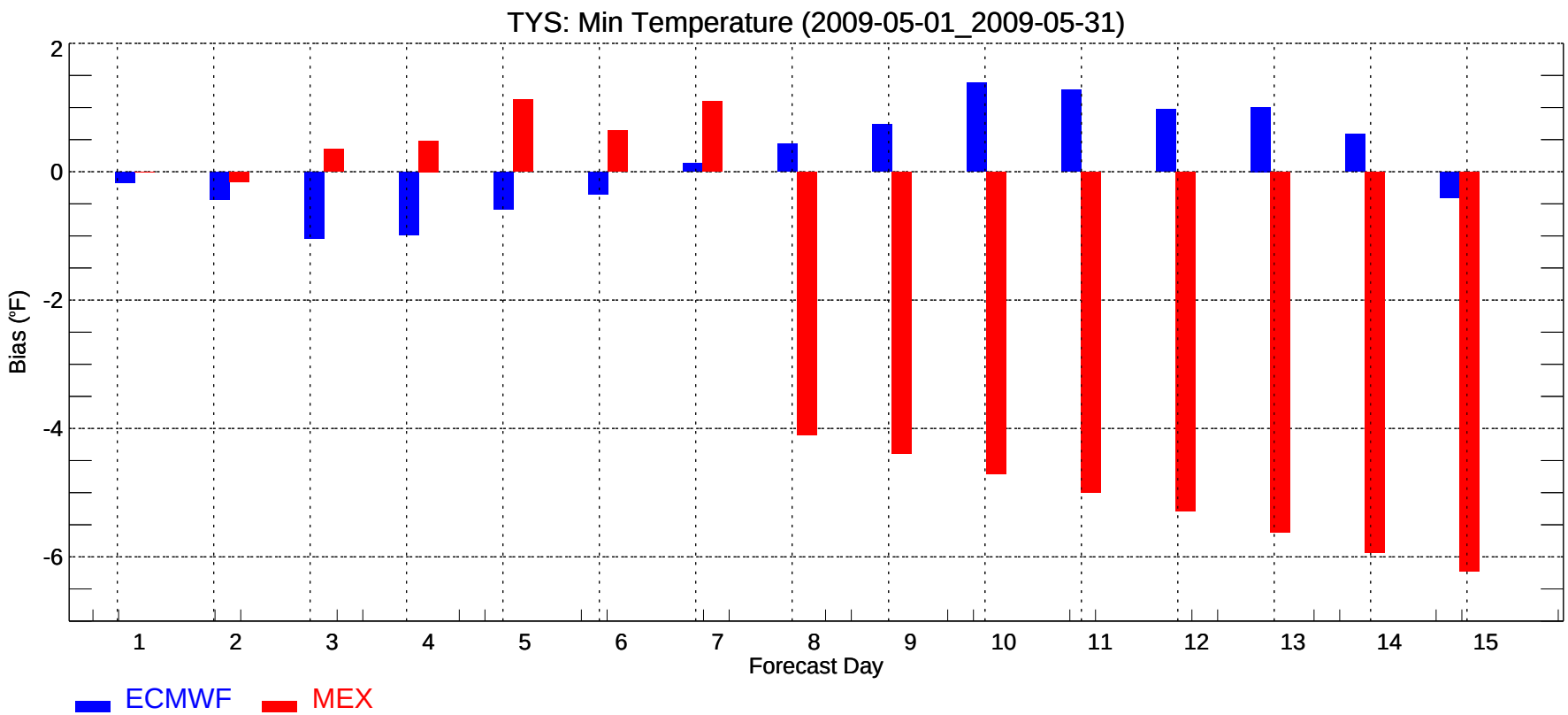
Forecast Day
ECMWF
MEX


TYS: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
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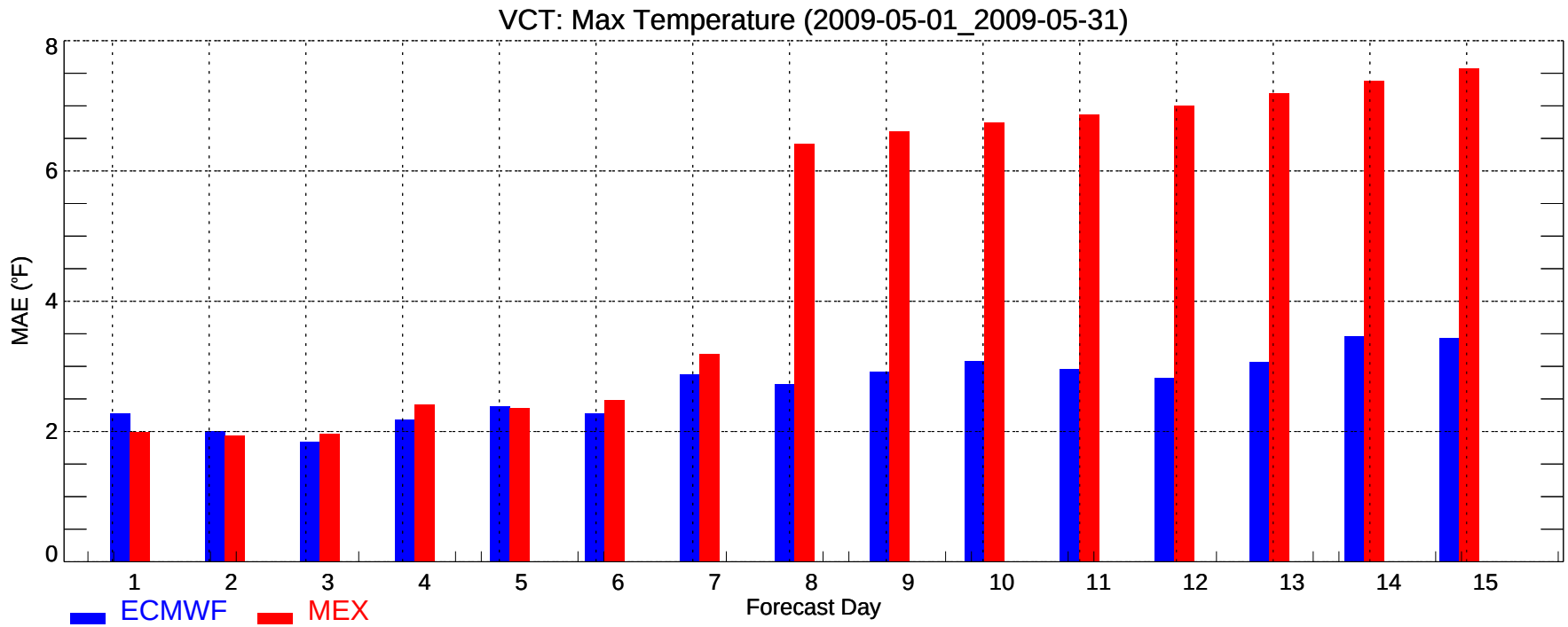
Forecast Day
ECMWF
MEX


VCT: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
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8
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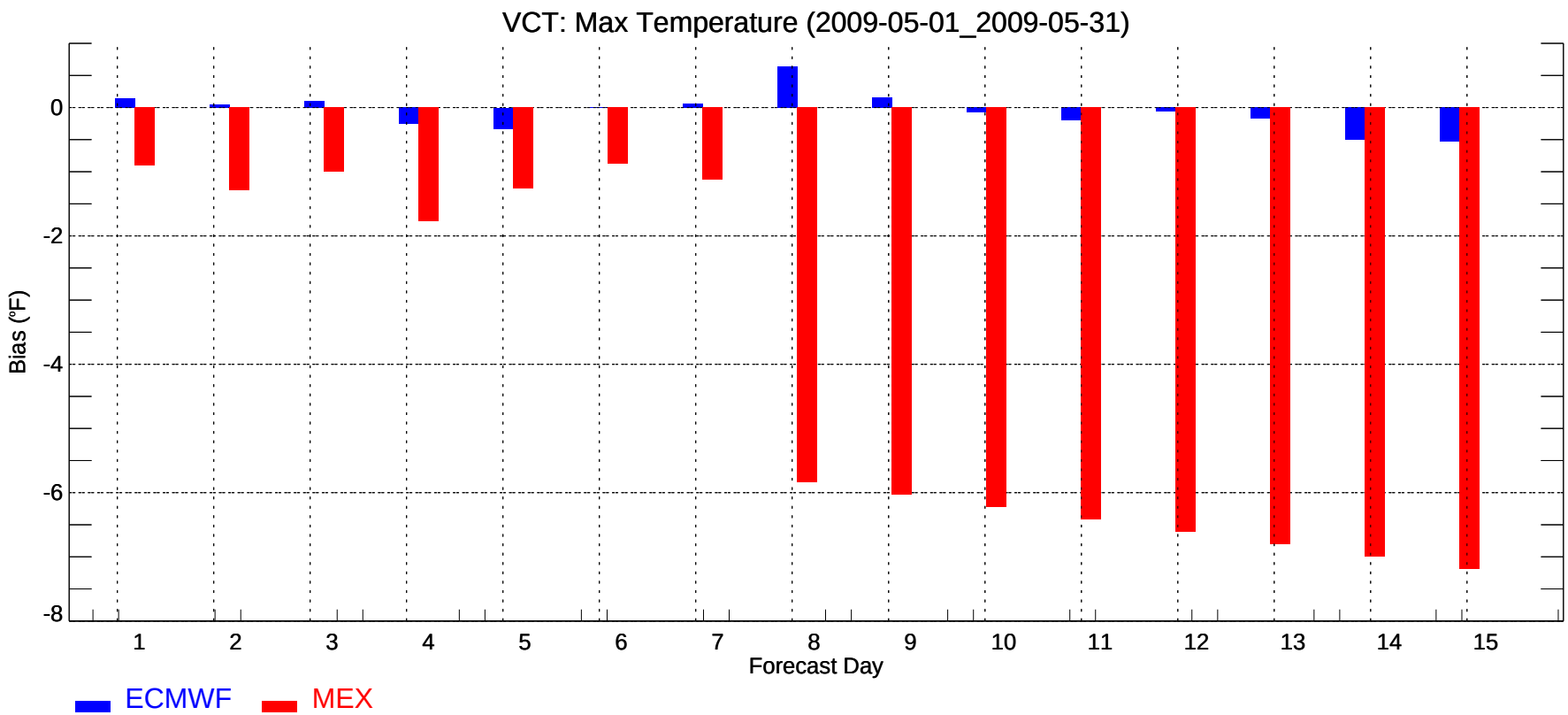
14
15
Forecast Day
ECMWF
MEX


VCT: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
1
2
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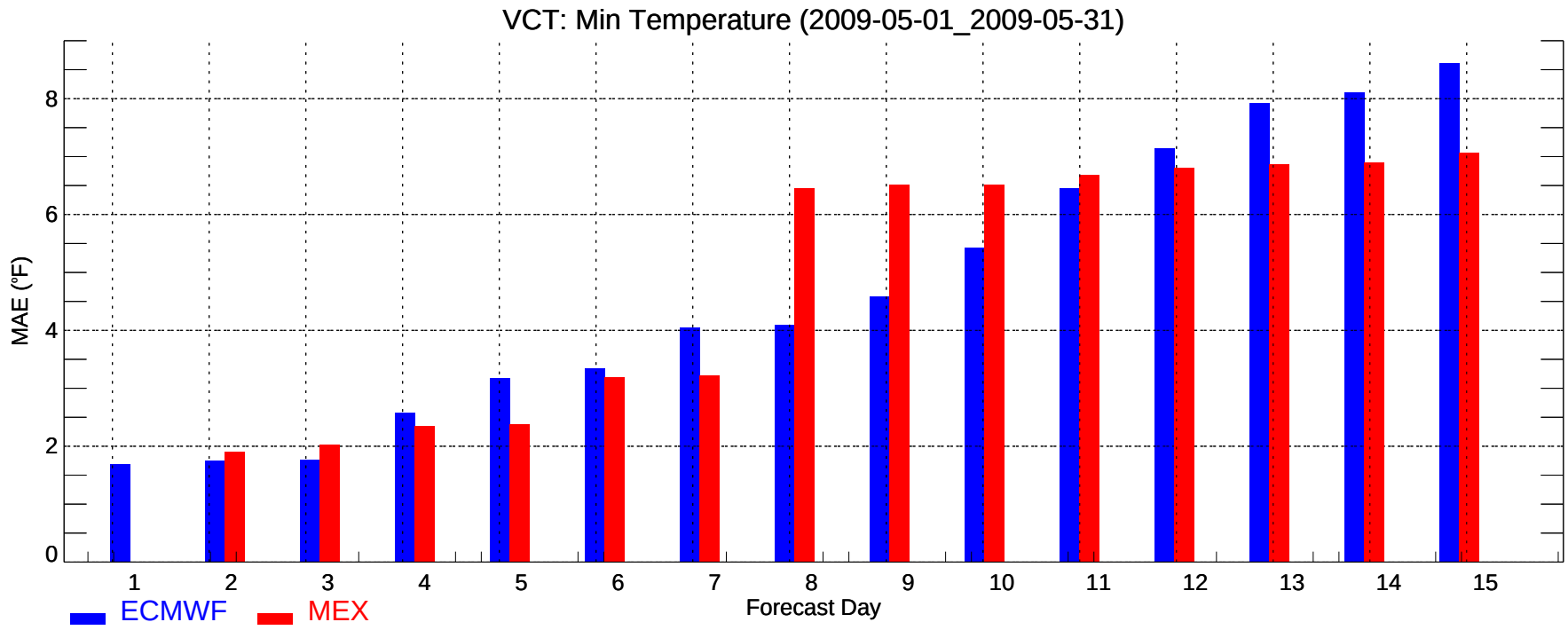
Forecast Day
ECMWF
MEX


VCT: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
3
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6
7
8
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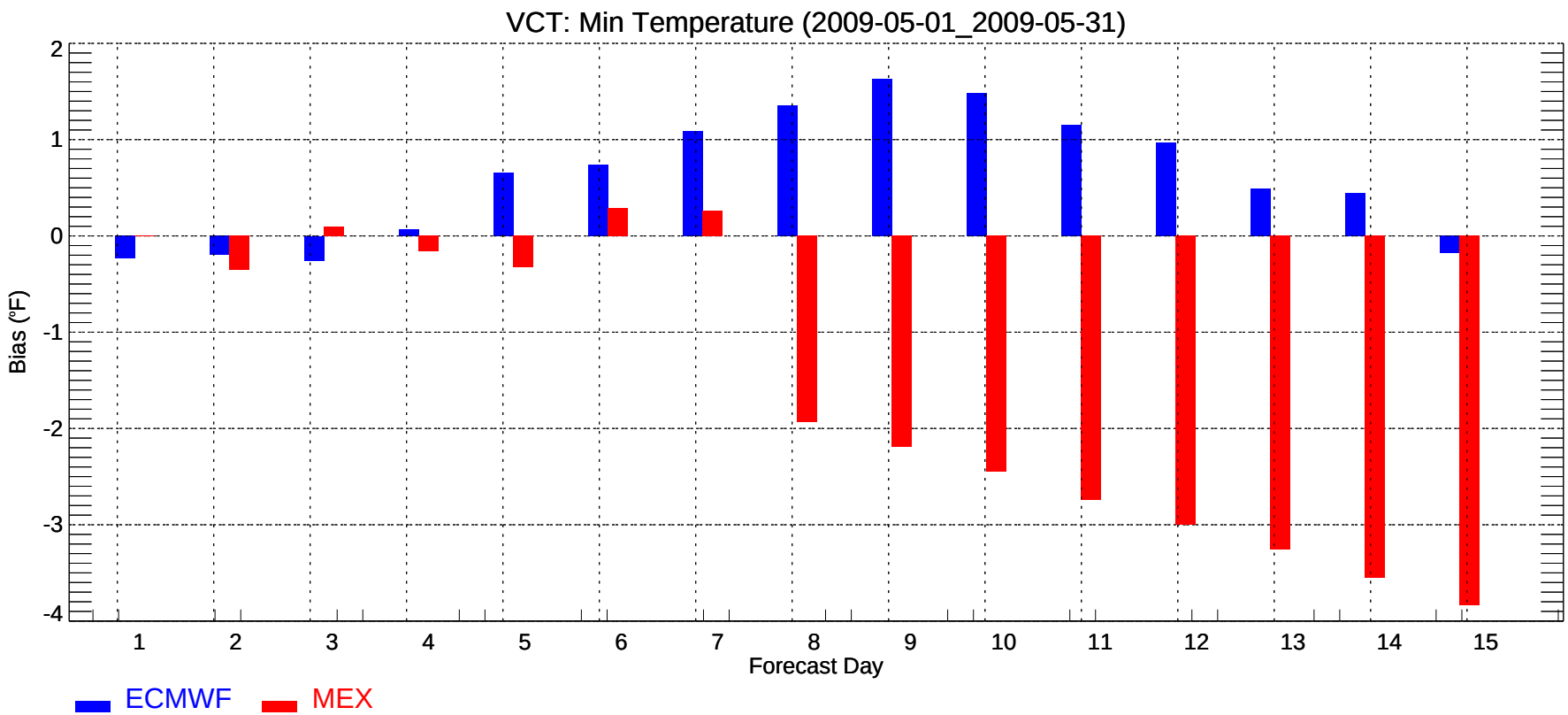
Forecast Day
ECMWF
MEX


VCT: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
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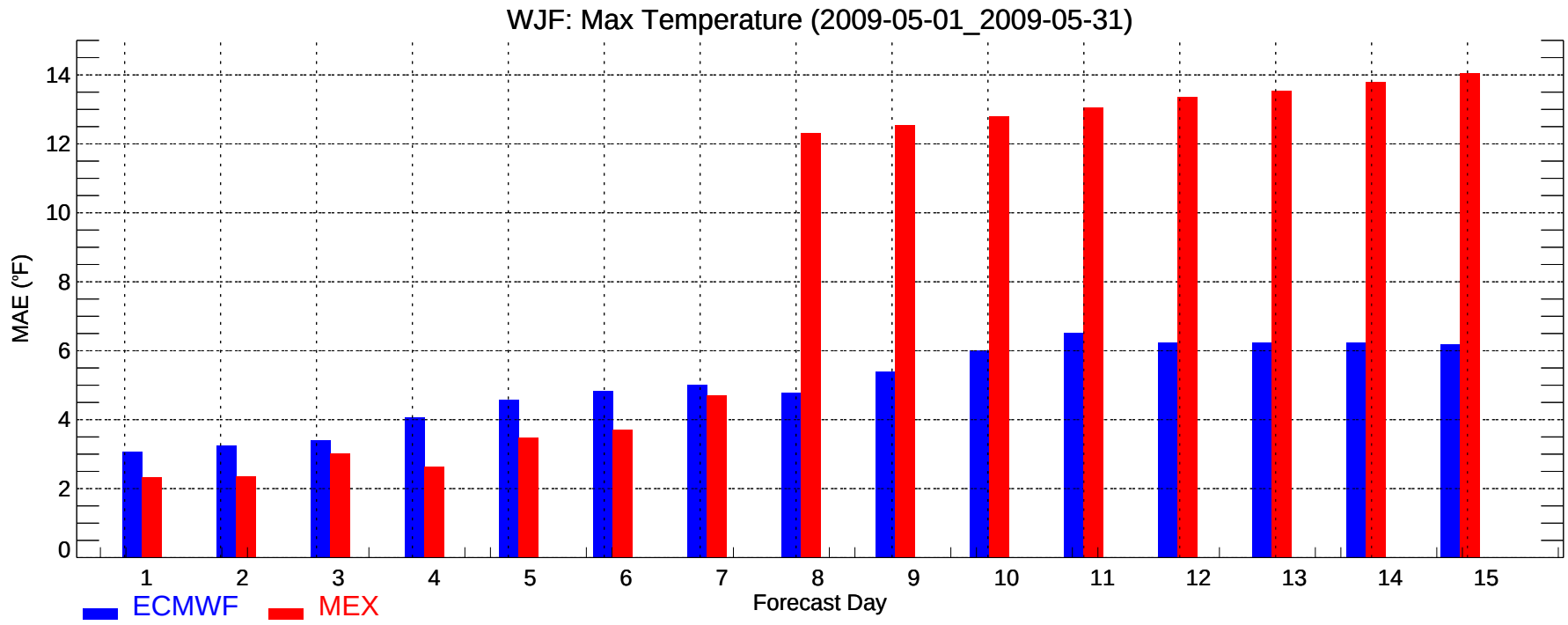
Forecast Day
ECMWF
MEX


WJF: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
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10
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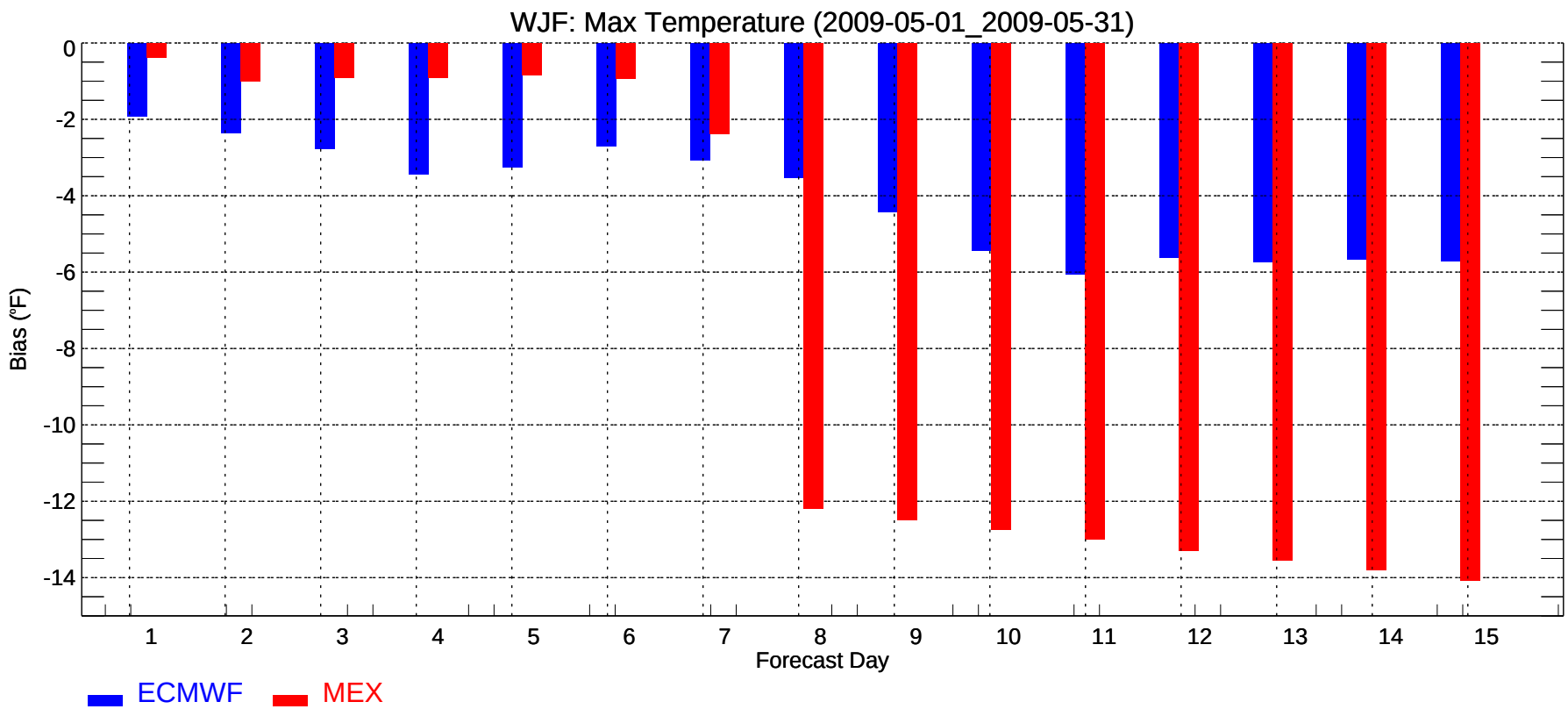
12
13
14
15
Forecast Day
ECMWF
MEX


WJF: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
-14
1
2
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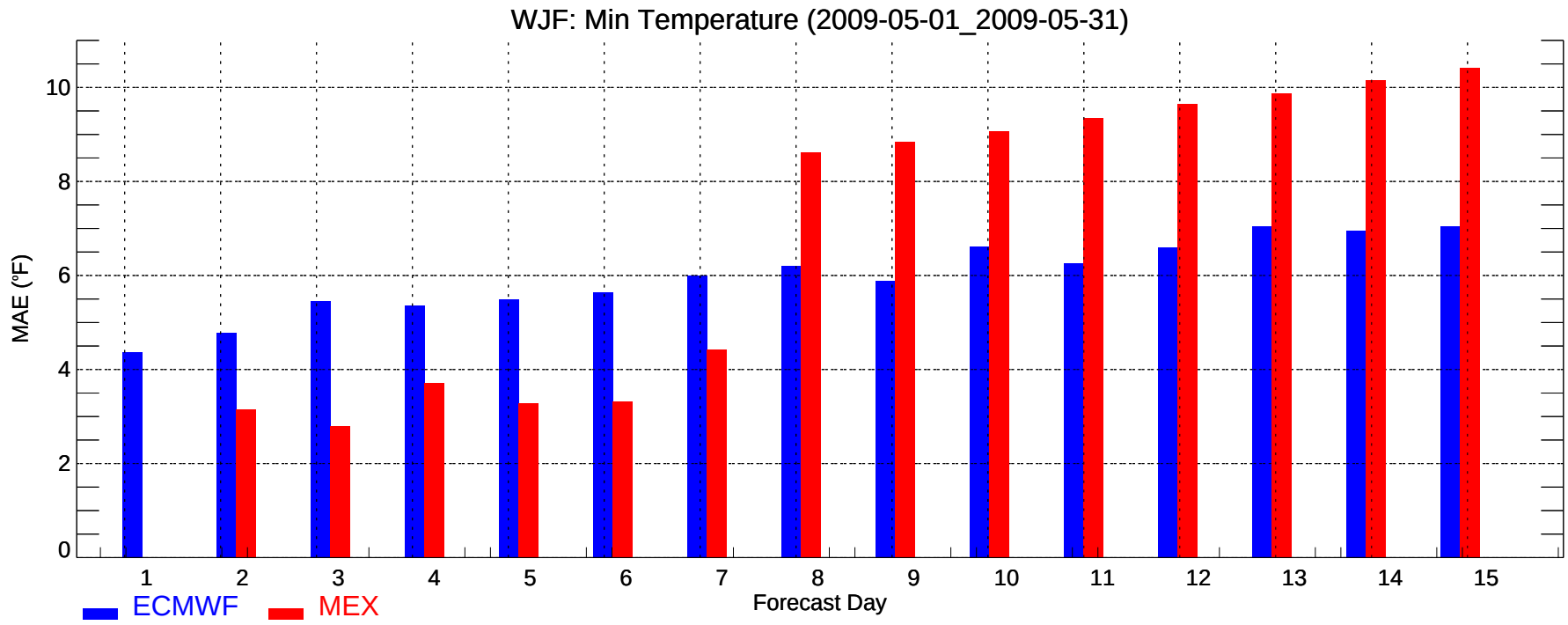
Forecast Day
ECMWF
MEX


WJF: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
10
1
2
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4
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6
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8
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10
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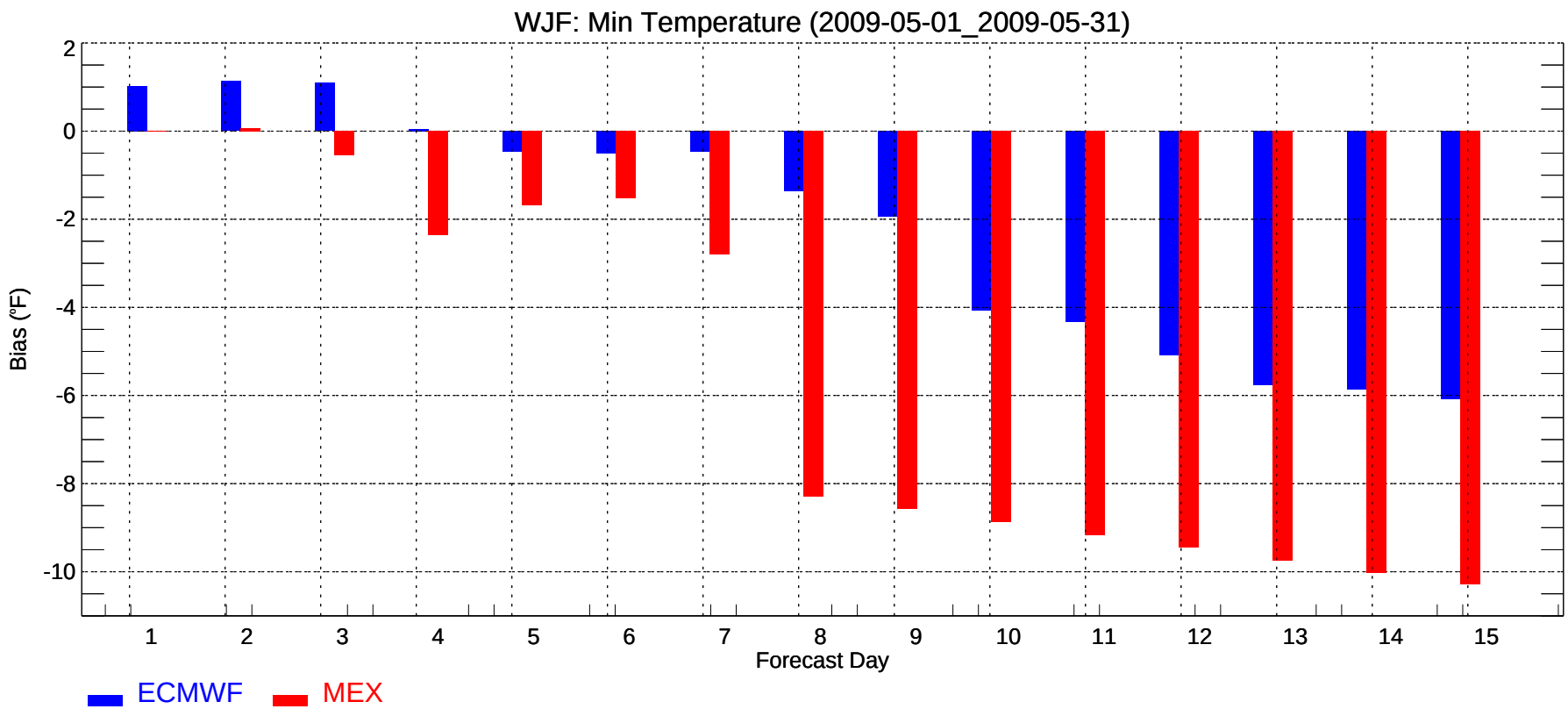
12
13
14
15
Forecast Day
ECMWF
MEX


WJF: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
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12
13
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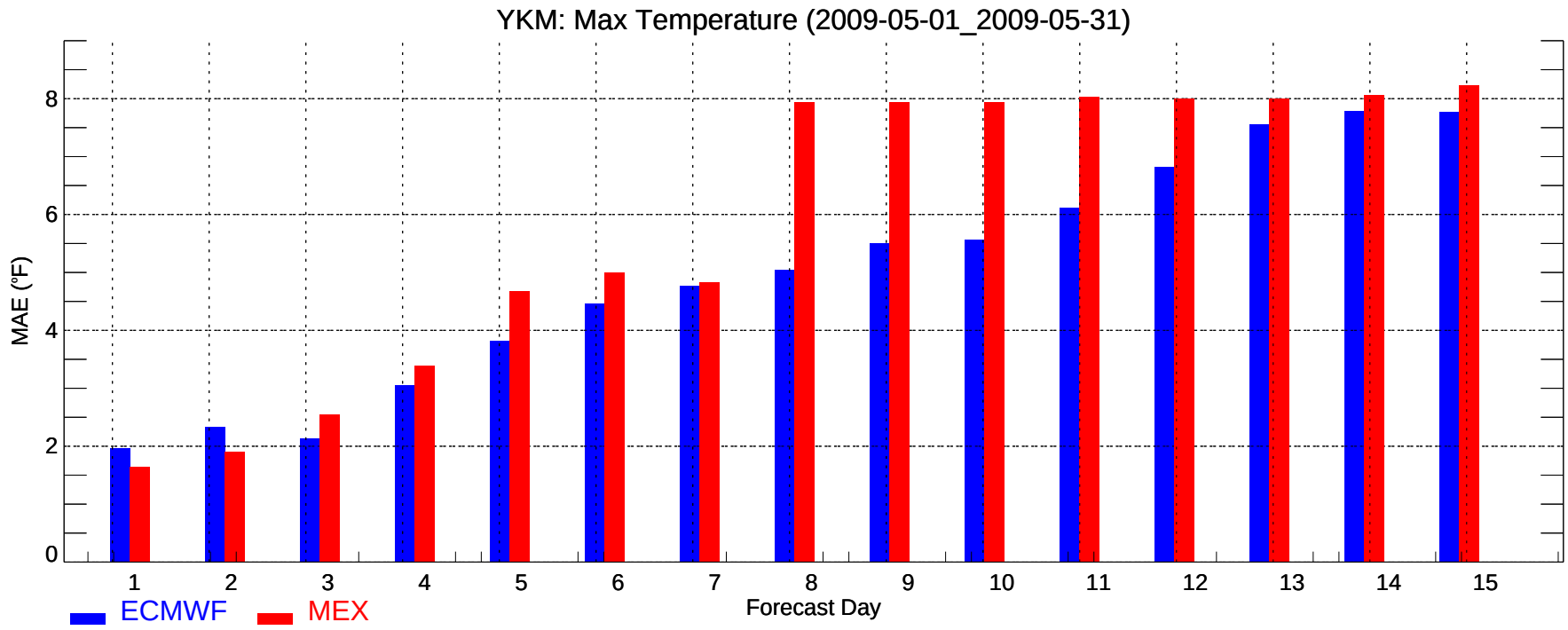
Forecast Day
ECMWF
MEX


YKM: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
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4
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6
7
8
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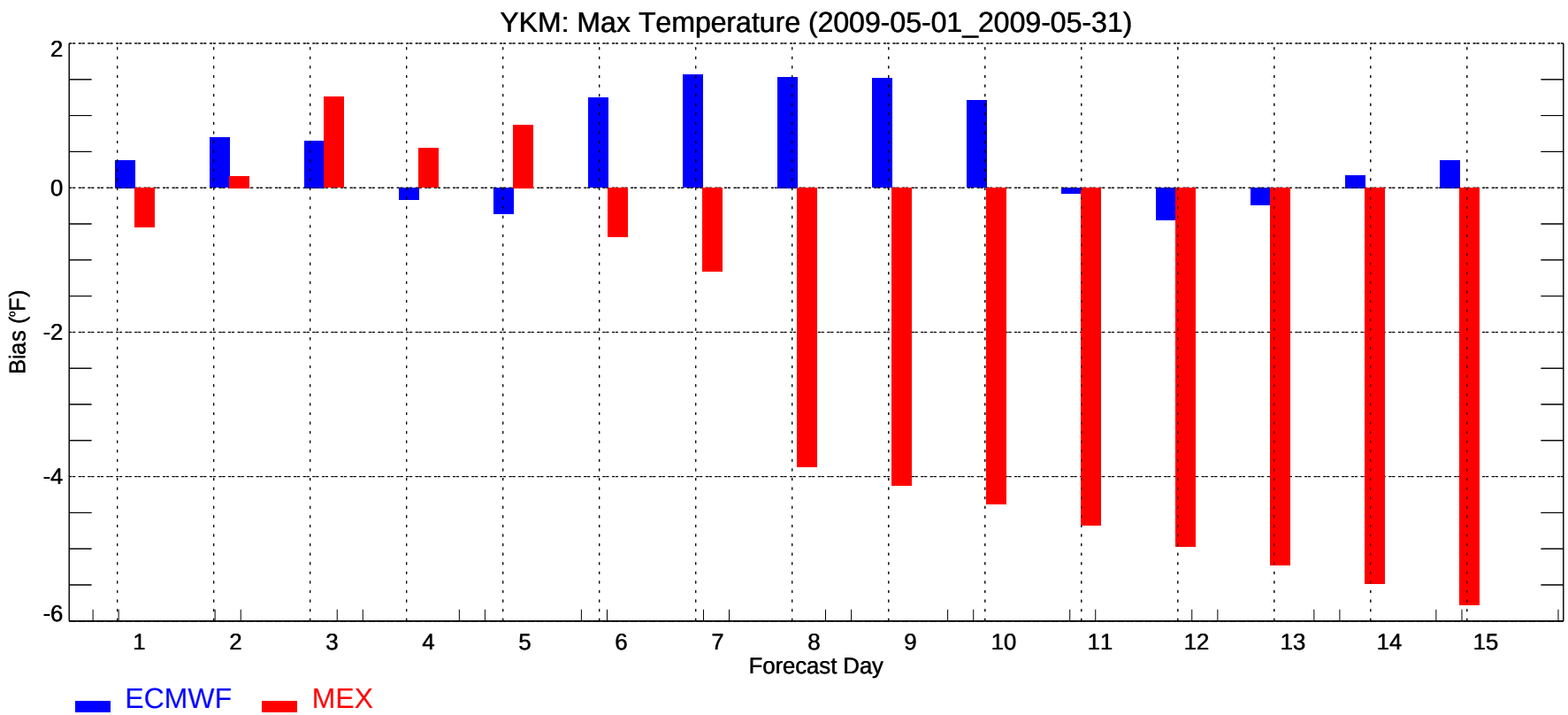
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YKM: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
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14
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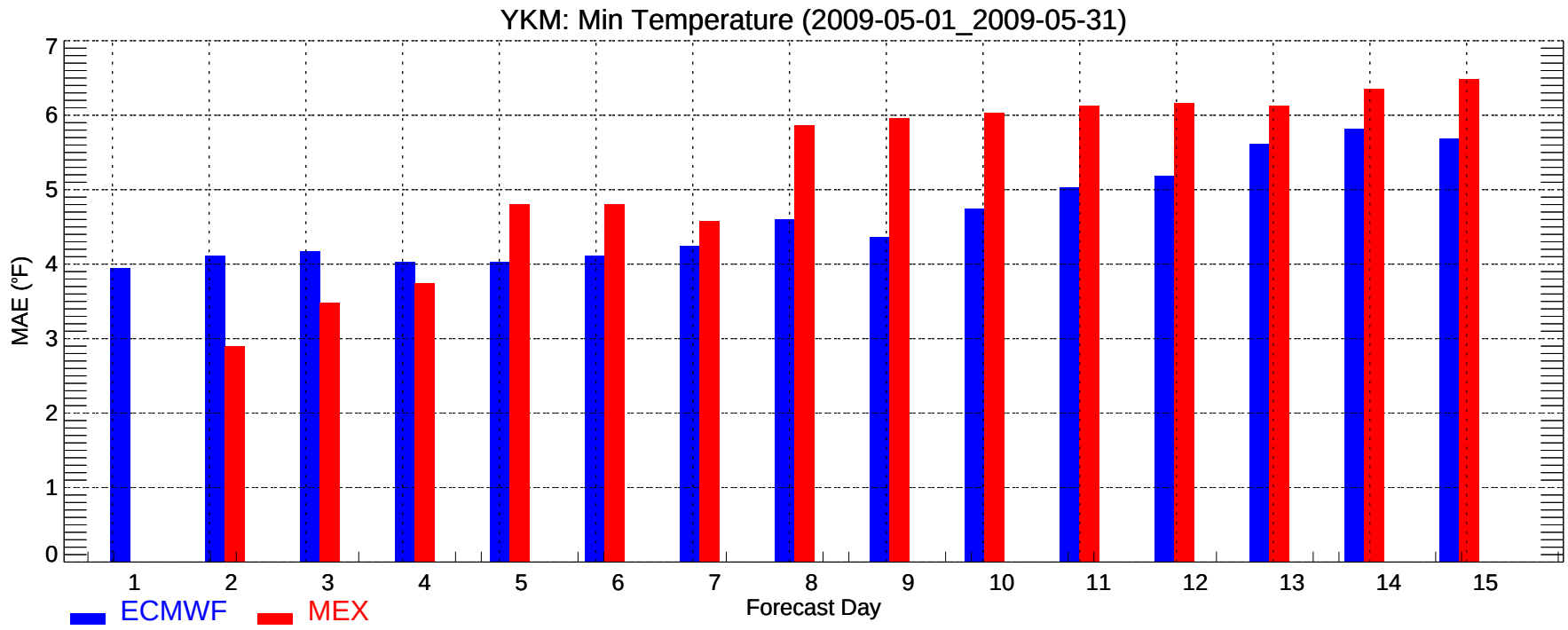
Forecast Day
ECMWF
MEX


YKM: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
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6
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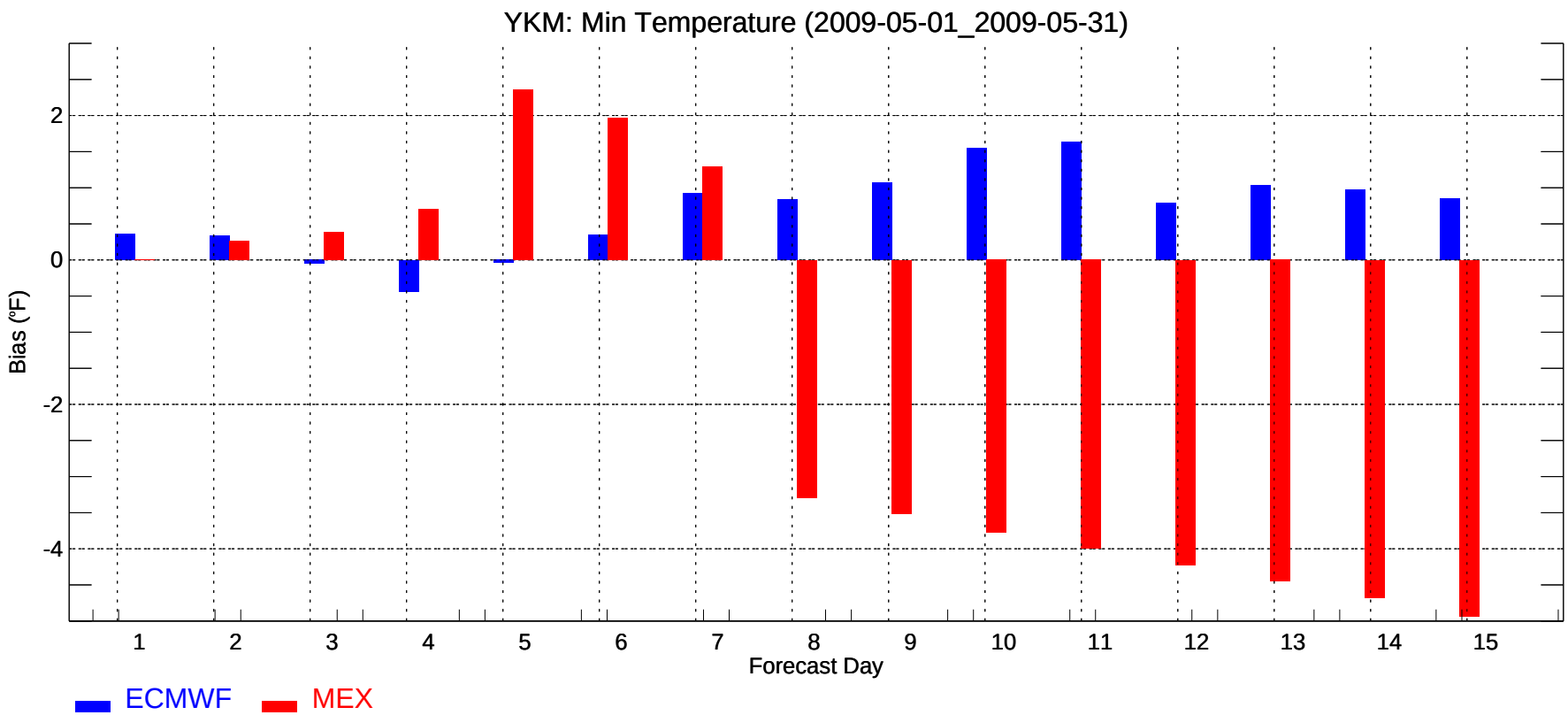
Forecast Day
ECMWF
MEX


YKM: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
1
2
3
4
5
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13
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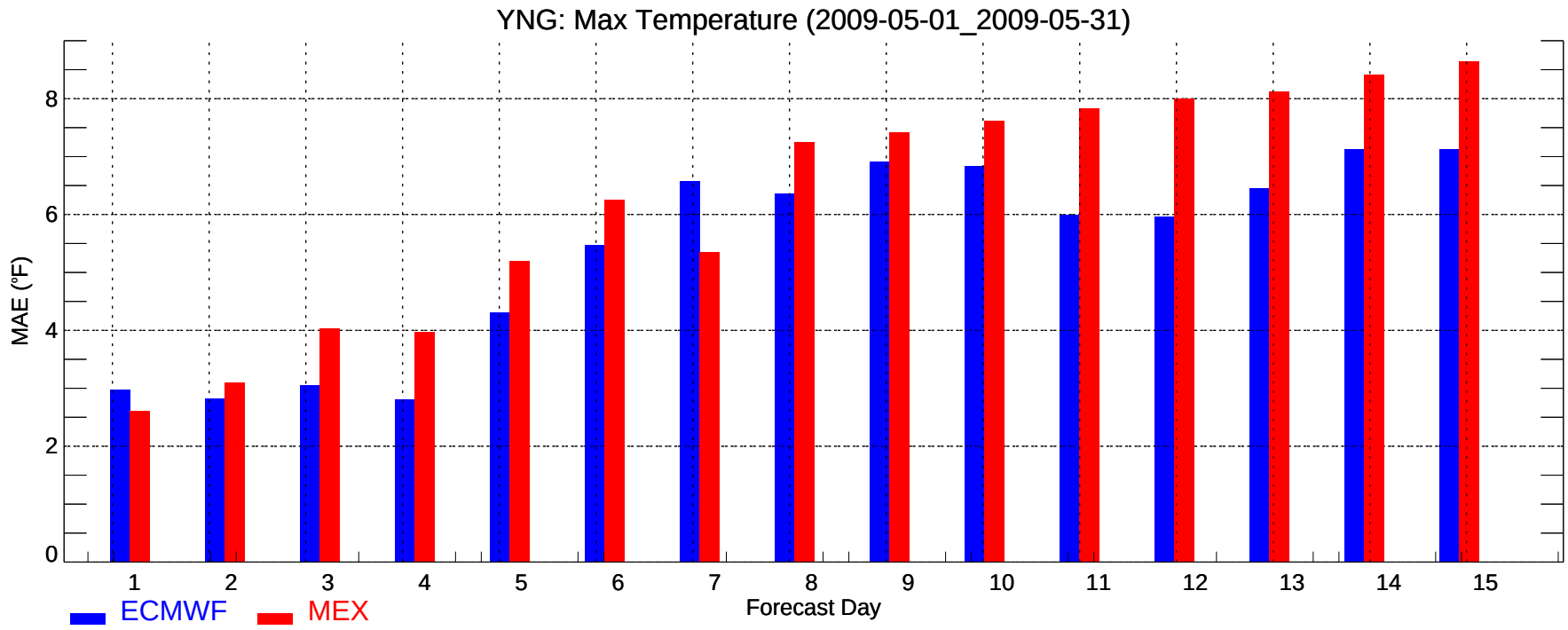
Forecast Day
ECMWF
MEX


YNG: Max Temperature (2009-05-01_2009-05-31)
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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13
14
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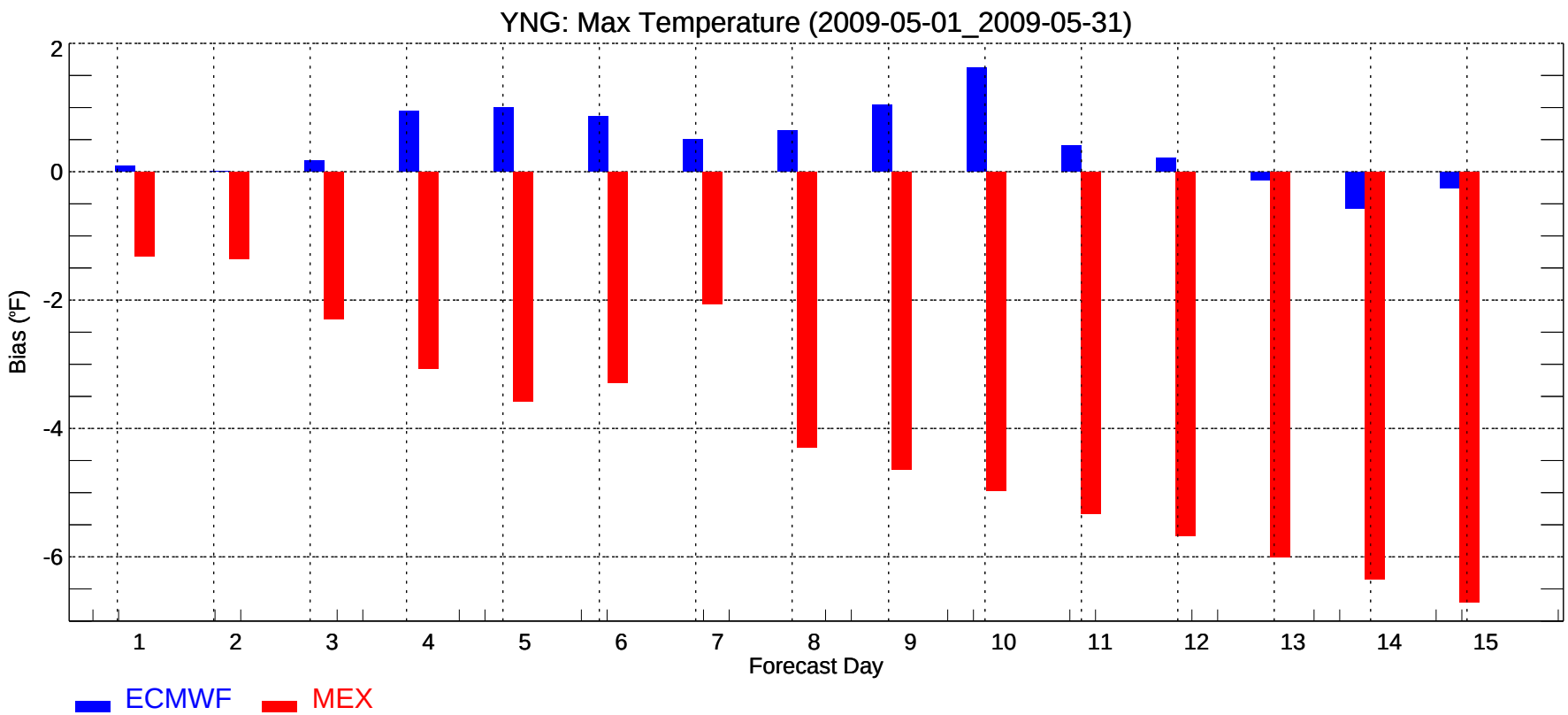
Forecast Day
ECMWF
MEX


YNG: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
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6
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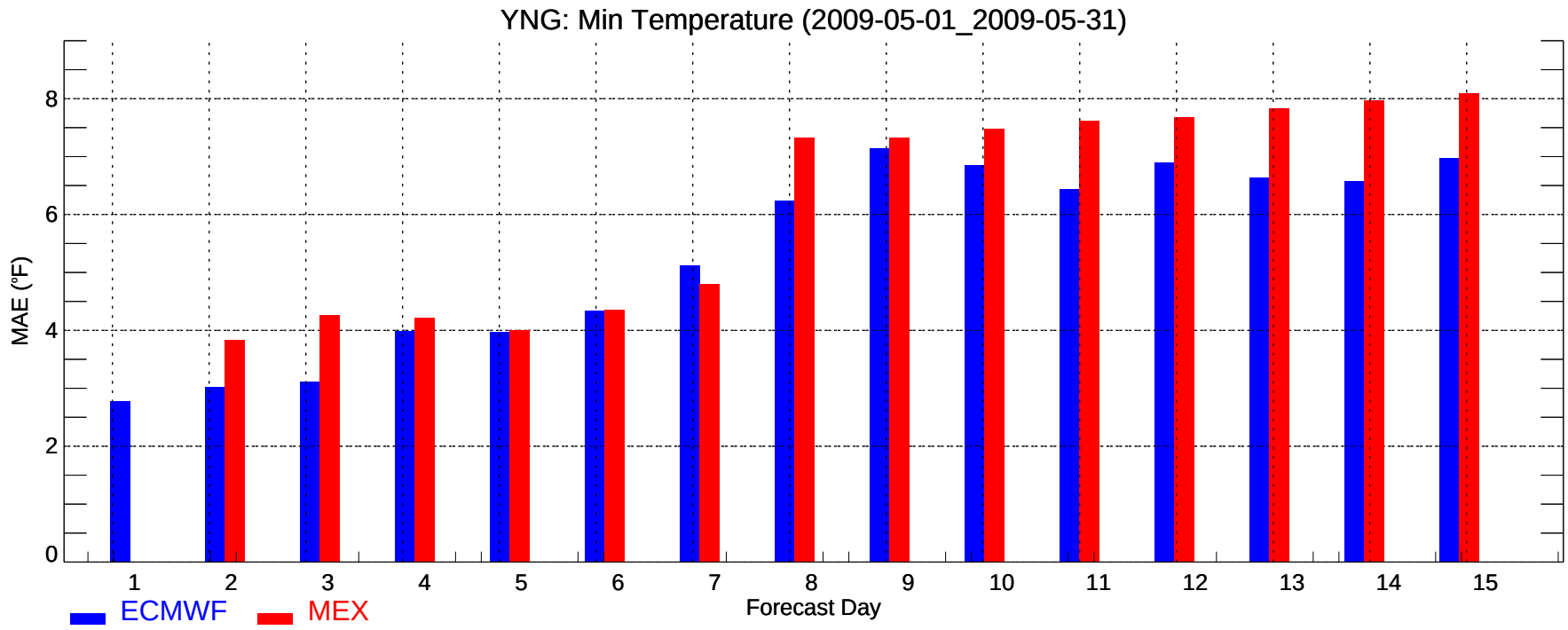
14
15
Forecast Day
ECMWF
MEX


YNG: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
8
1
2
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6
7
8
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11
12
13
14
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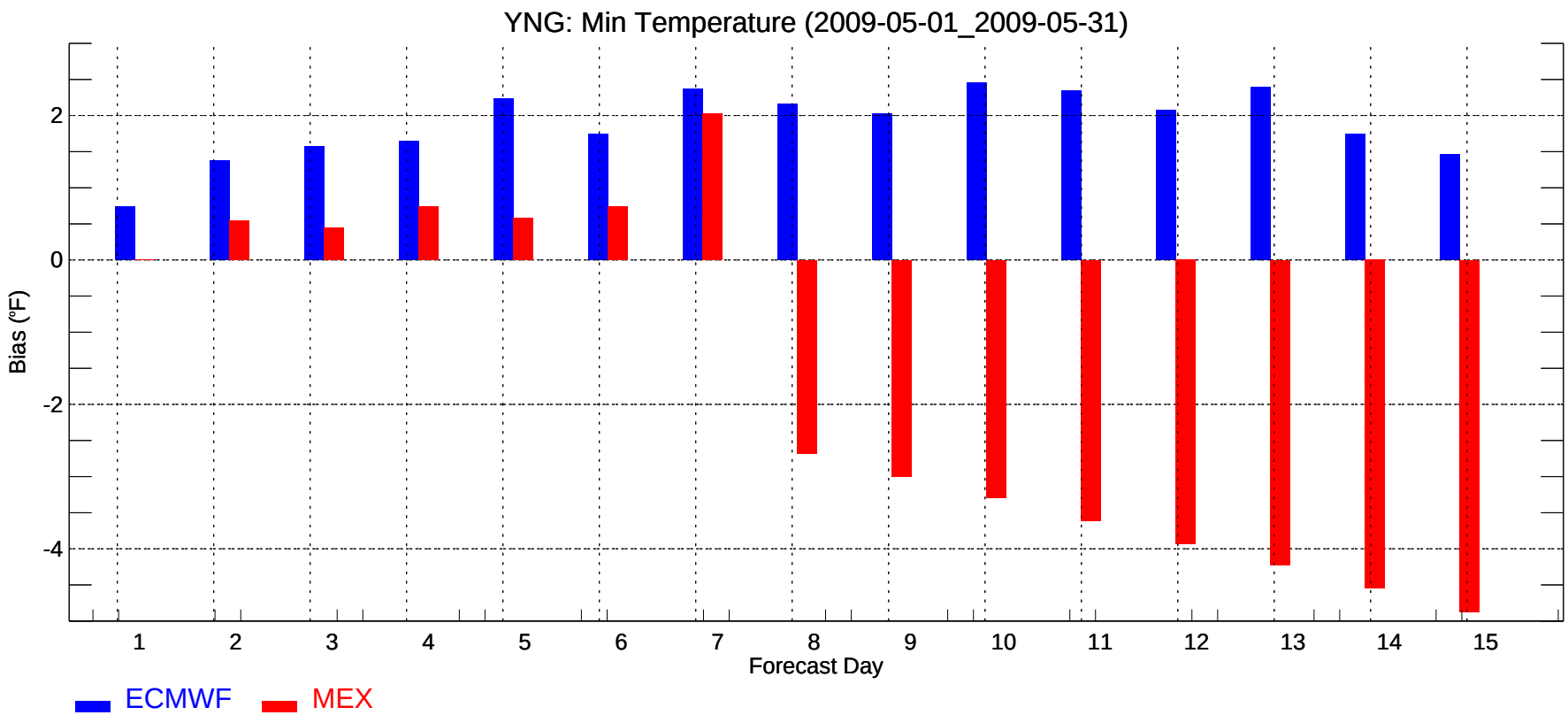
Forecast Day
ECMWF
MEX


YNG: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
0
-2
-4
1
2
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14
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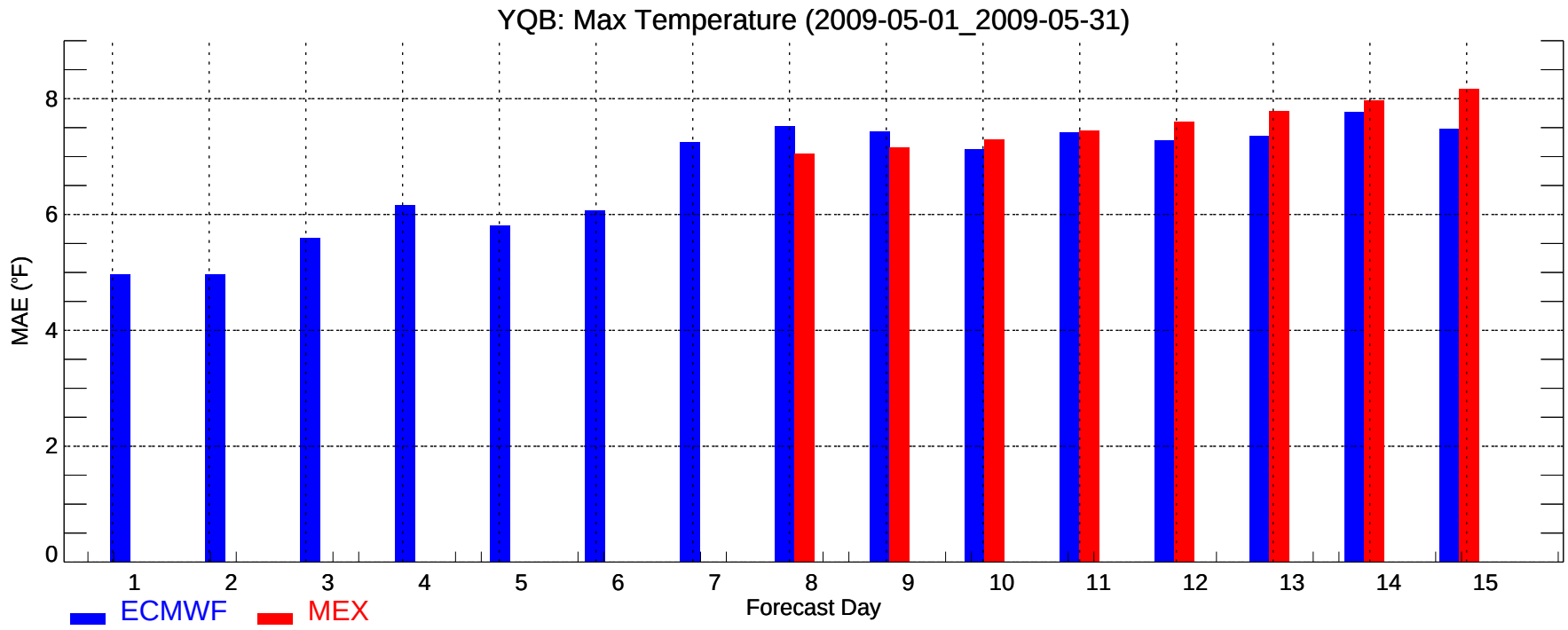
Forecast Day
ECMWF
MEX


YQB: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
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6
8
1
2
3
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5
6
7
8
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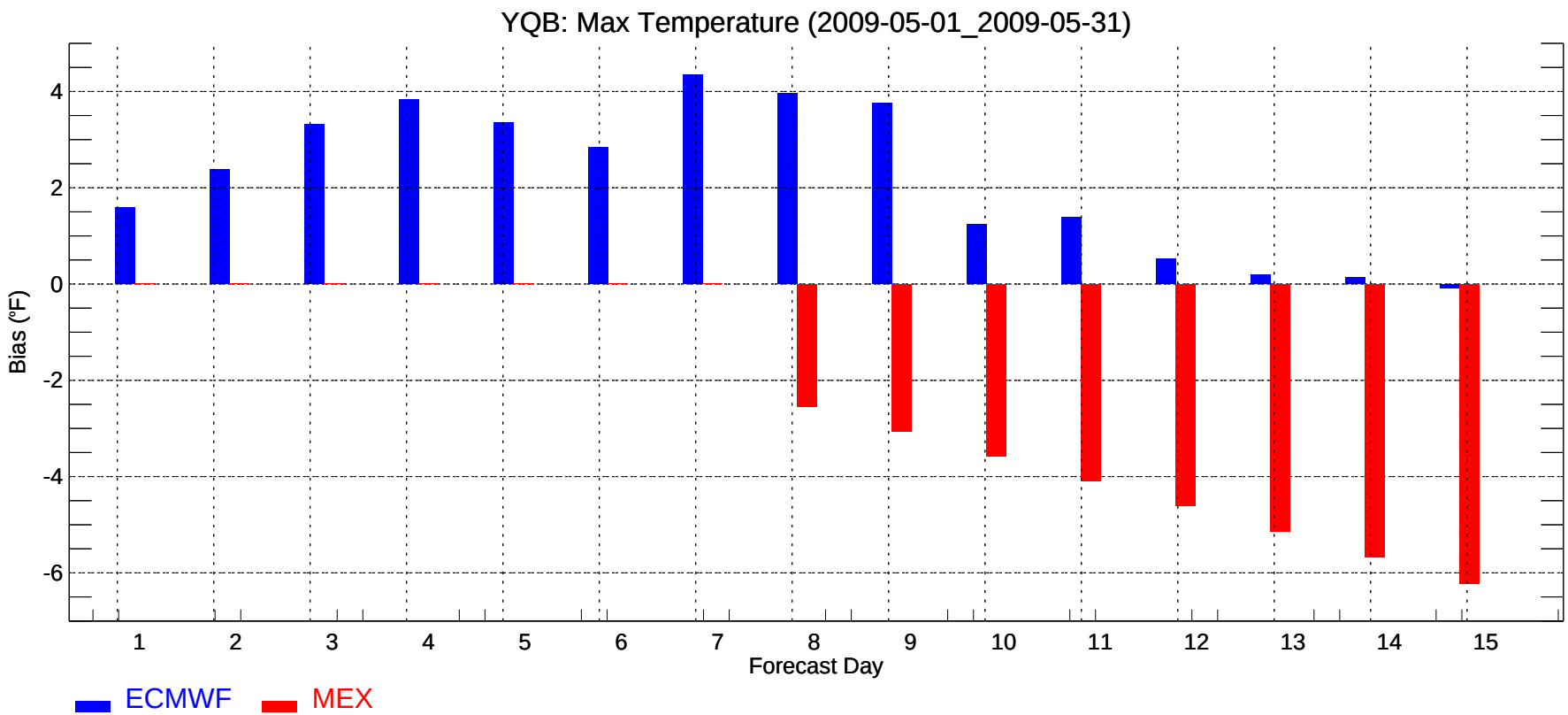
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YQB: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
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2
0
-2
-4
-6
1
2
3
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5
6
7
8
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12
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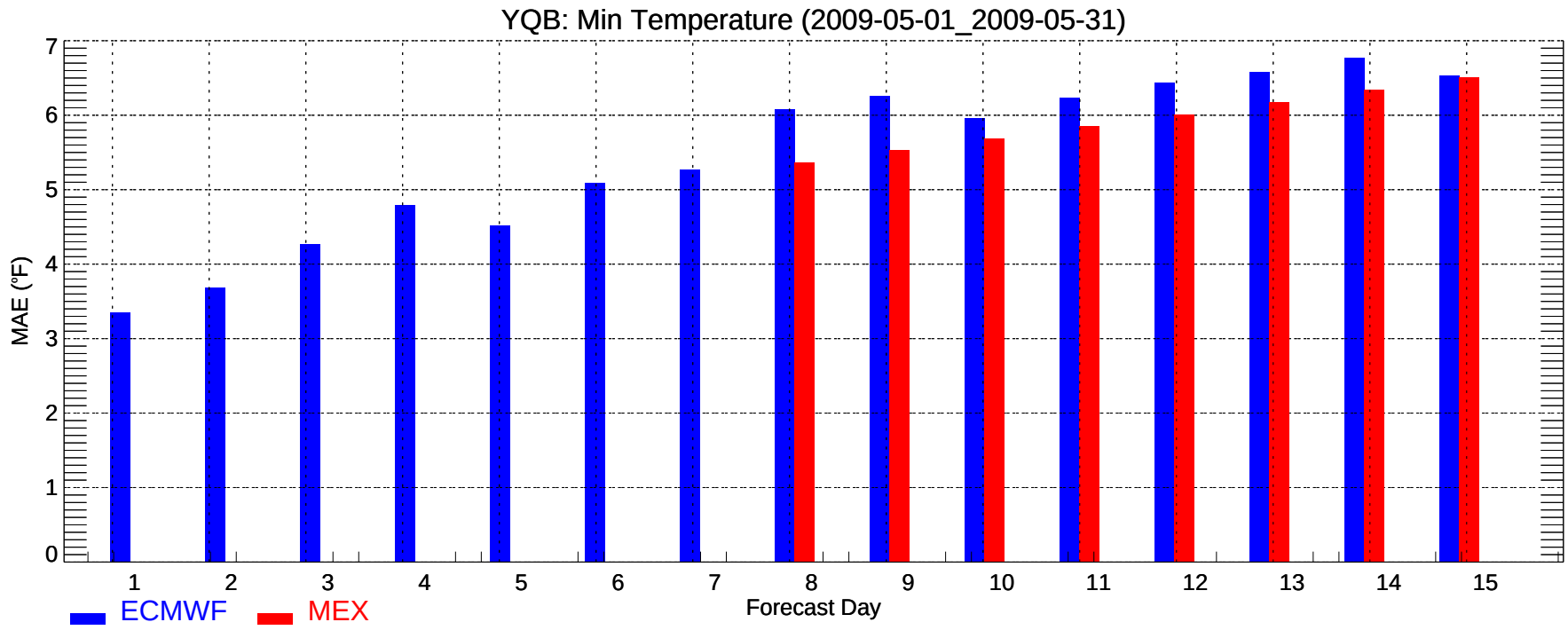
14
15
Forecast Day
ECMWF
MEX


YQB: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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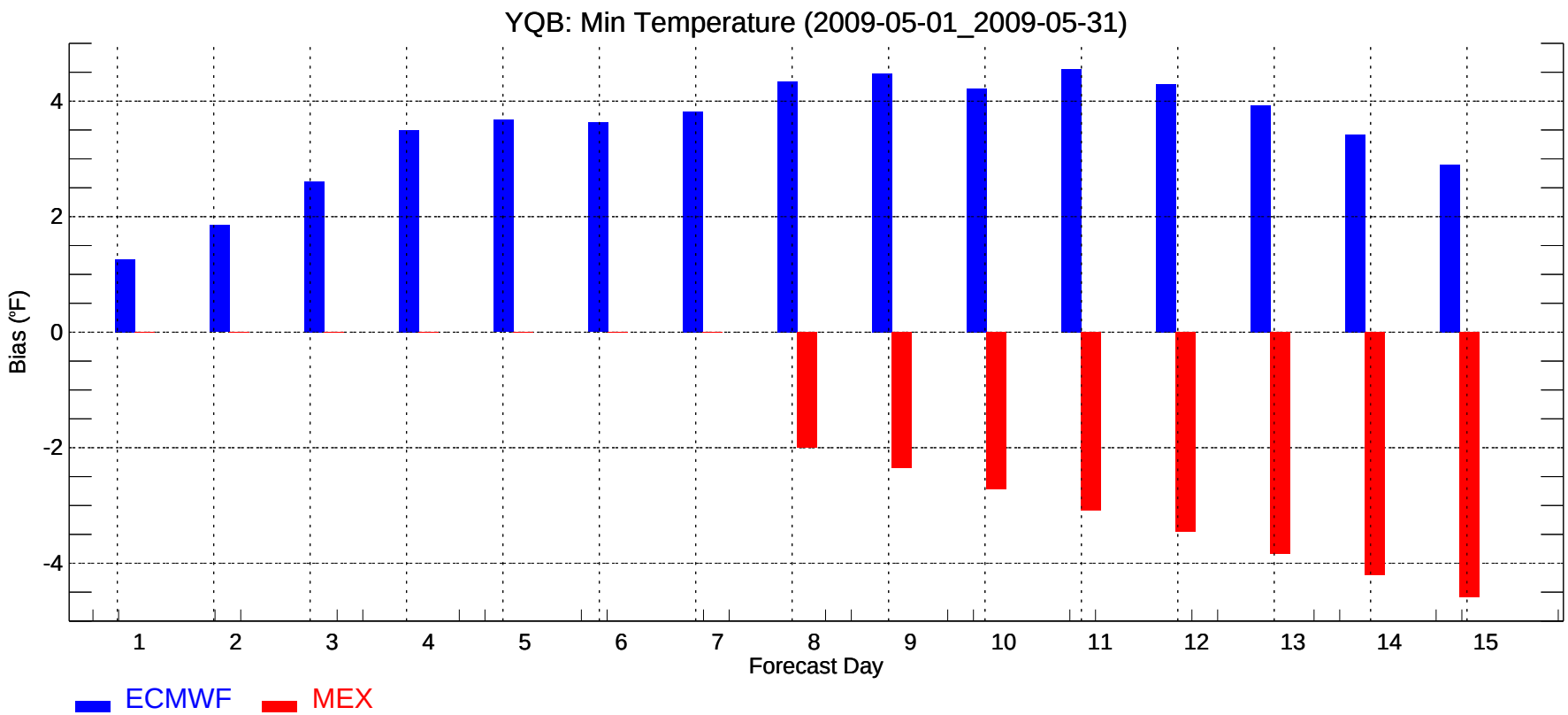
14
15
Forecast Day
ECMWF
MEX


YQB: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
2
0
-2
-4
1
2
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4
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6
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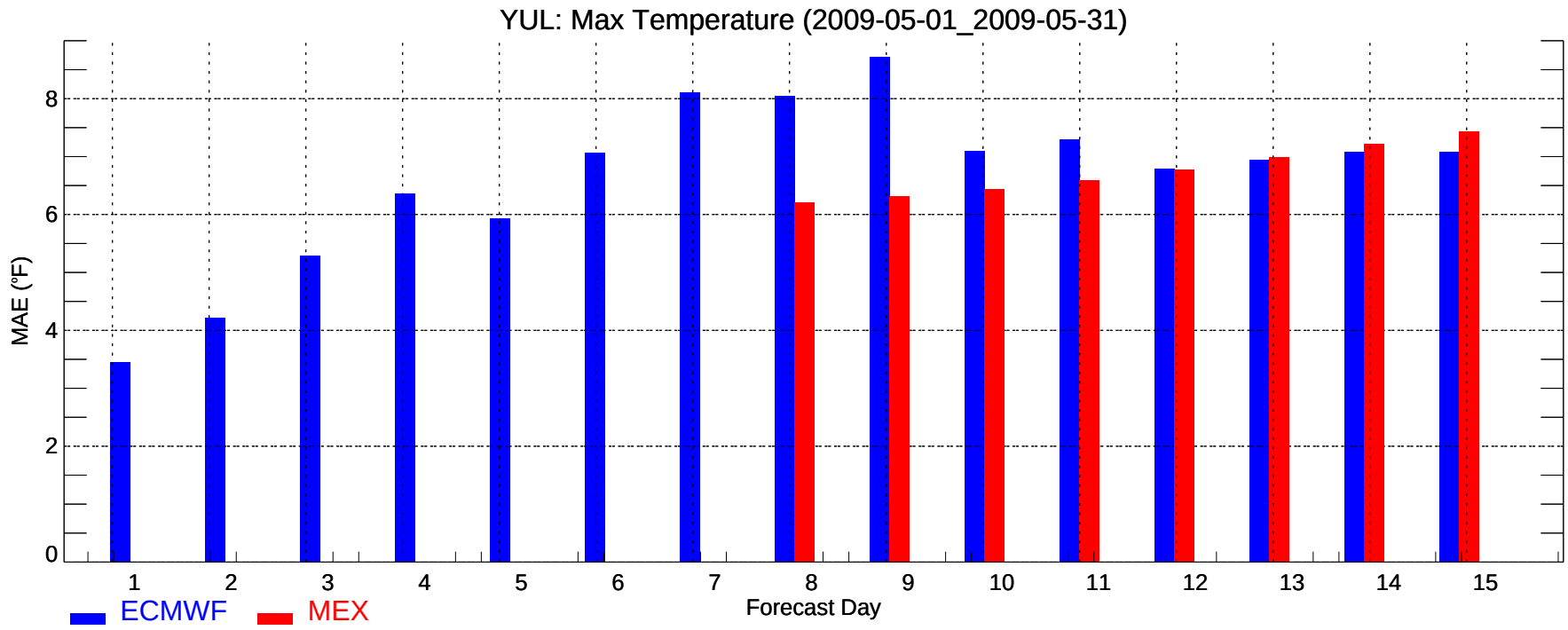
14
15
Forecast Day
ECMWF
MEX


YUL: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
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8
1
2
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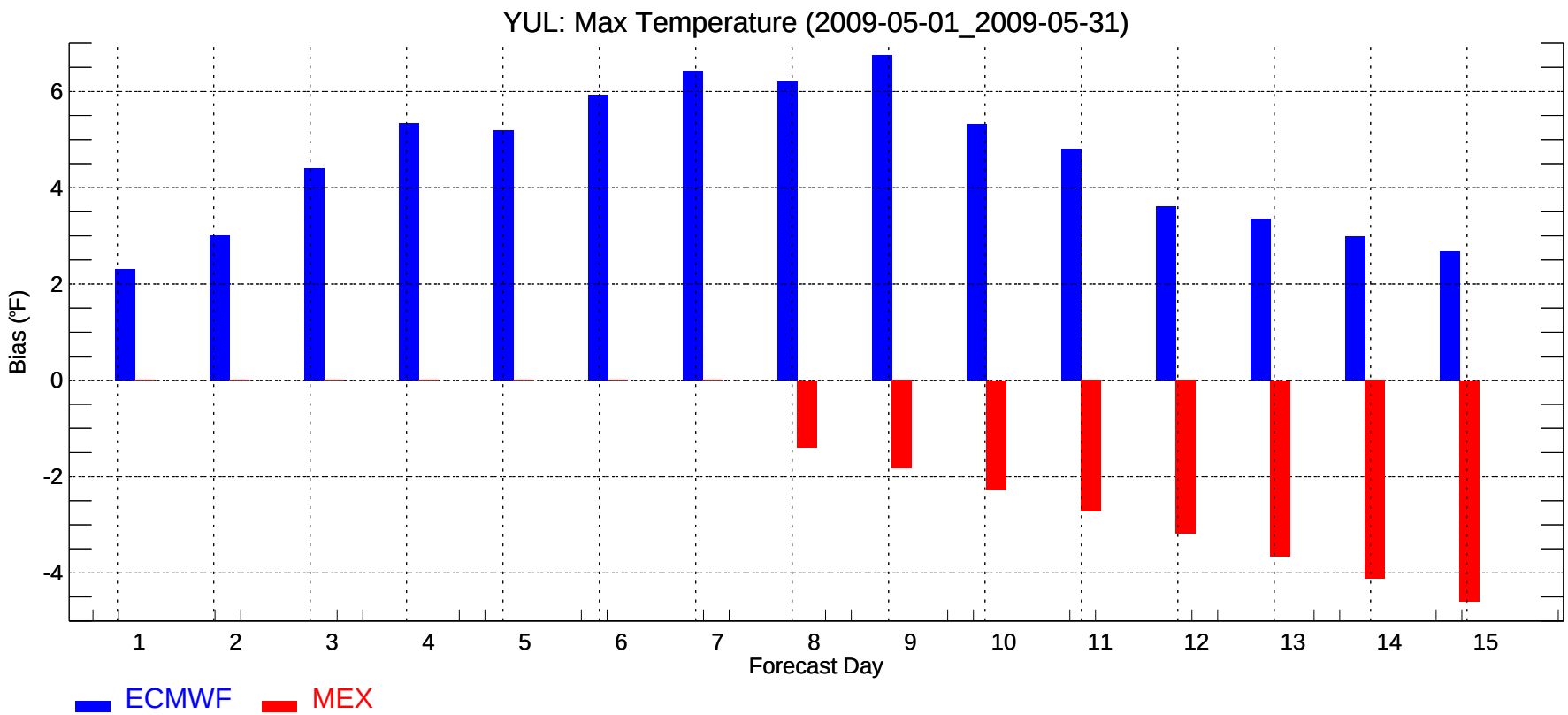
11
12
13
14
15
Forecast Day
ECMWF
MEX


YUL: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
-4
-2
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2
4
6
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4
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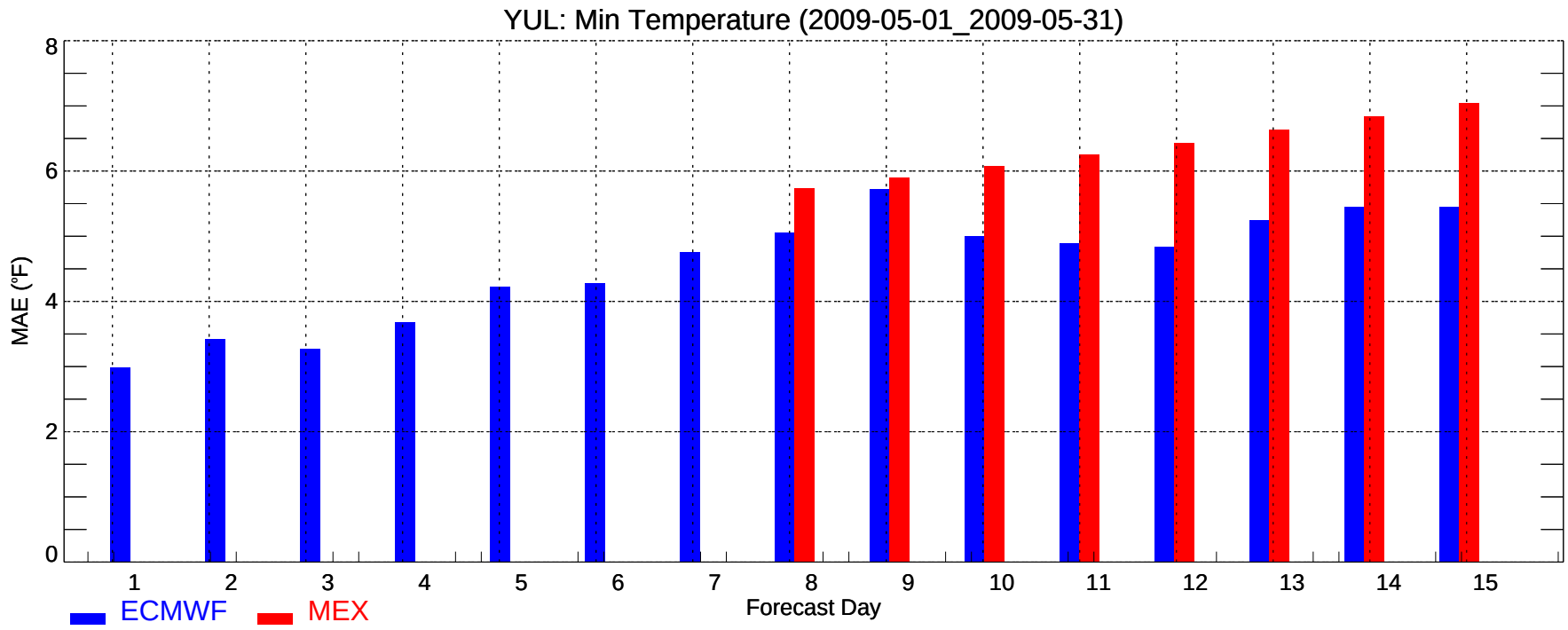
14
15
Forecast Day
ECMWF
MEX


YUL: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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8
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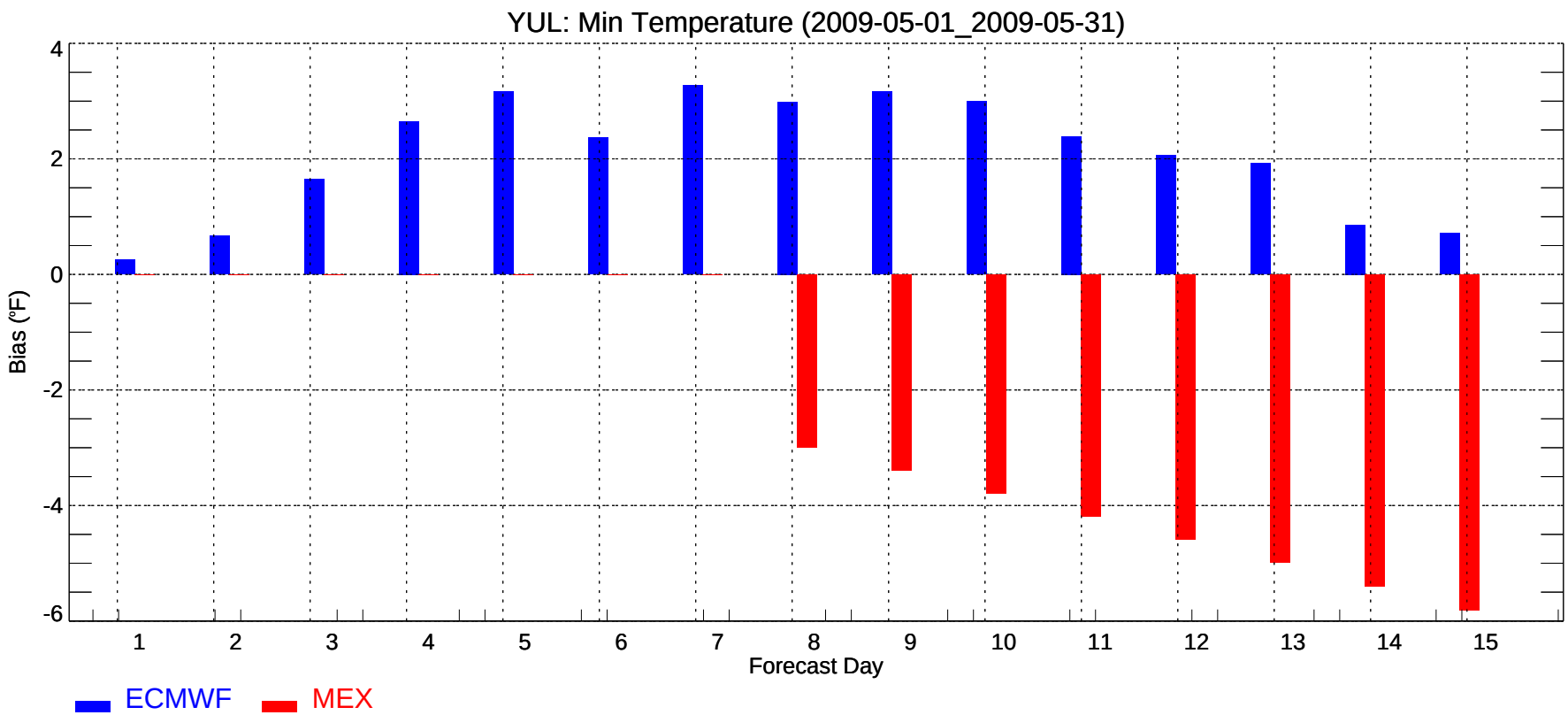
Forecast Day
ECMWF
MEX


YUL: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
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-2
-4
-6
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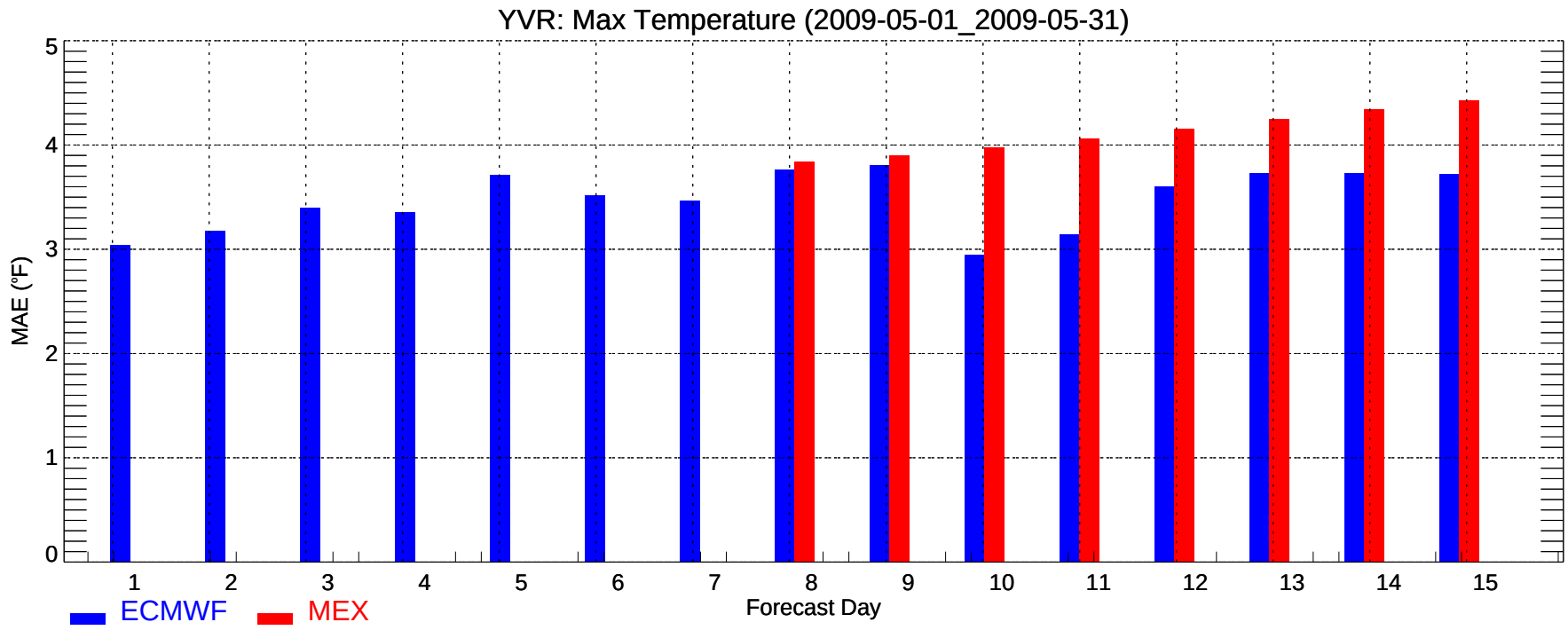
Forecast Day
ECMWF
MEX


YVR: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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5
1
2
3
4
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6
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8
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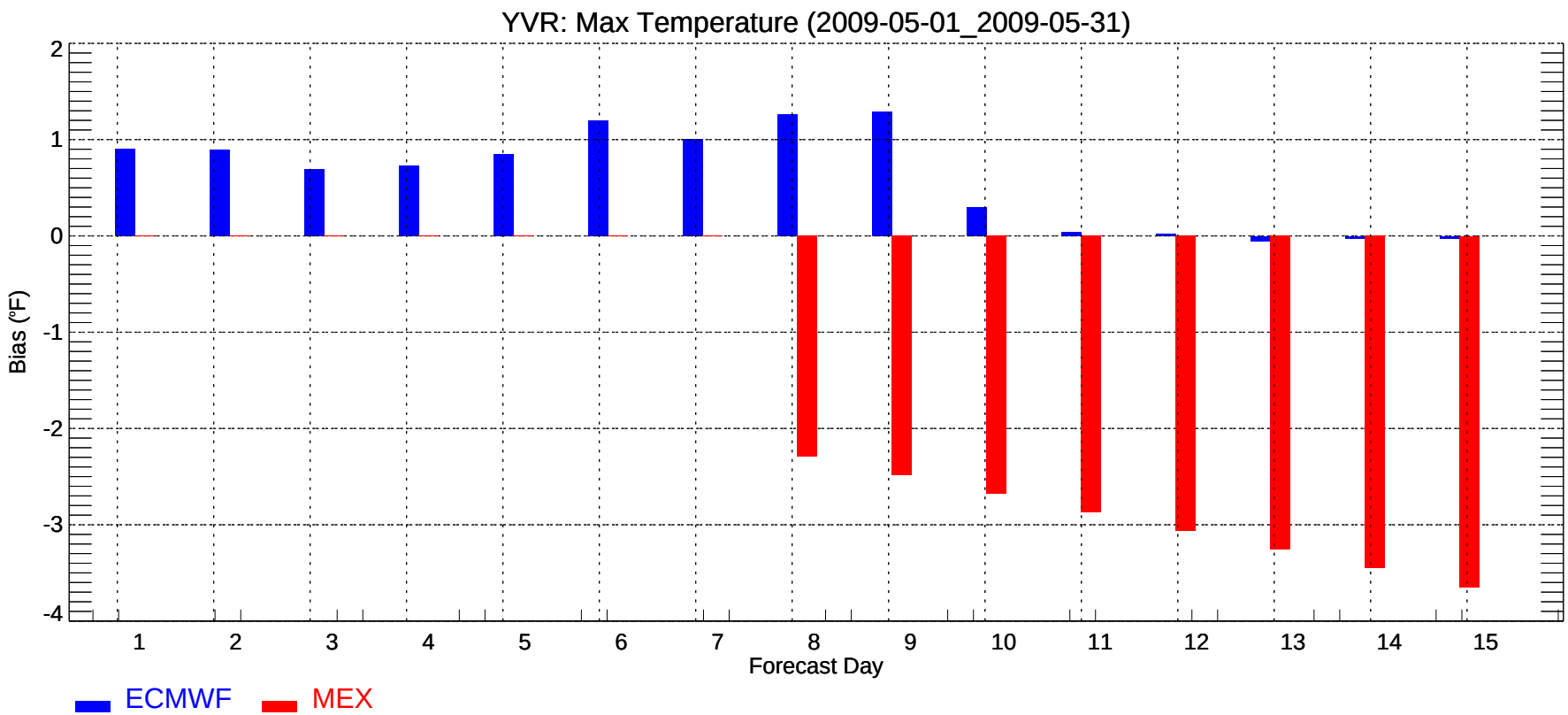
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YVR: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
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2
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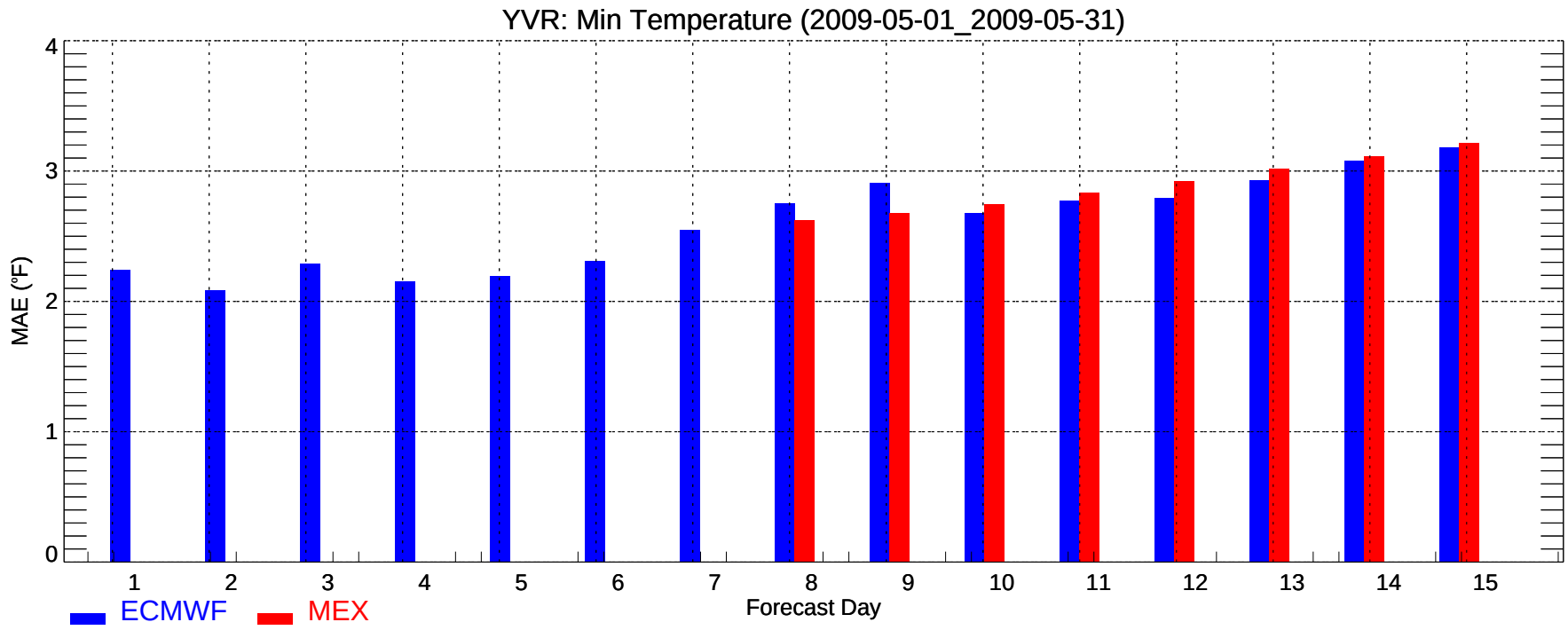
Forecast Day
ECMWF
MEX


YVR: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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1
2
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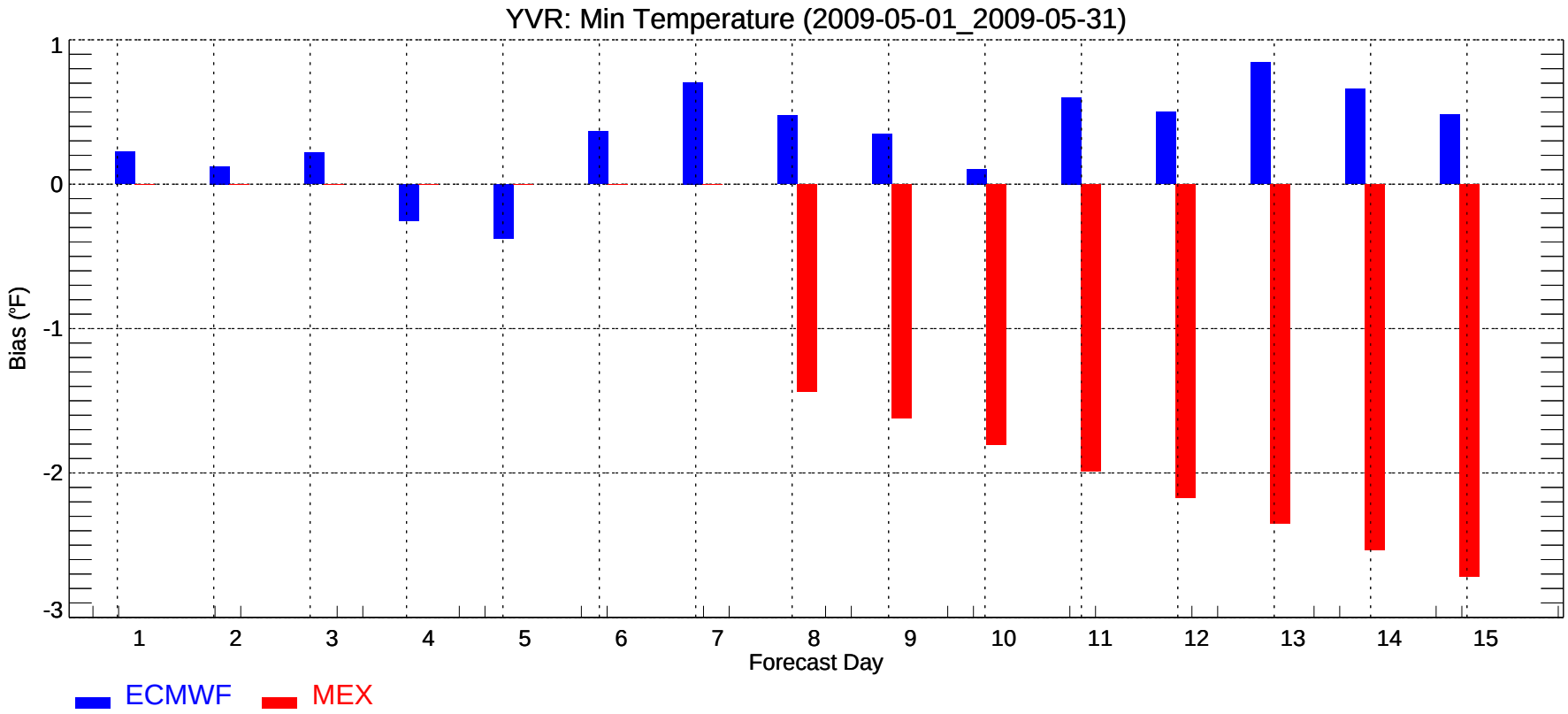
Forecast Day
ECMWF
MEX


YVR: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
1
2
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13
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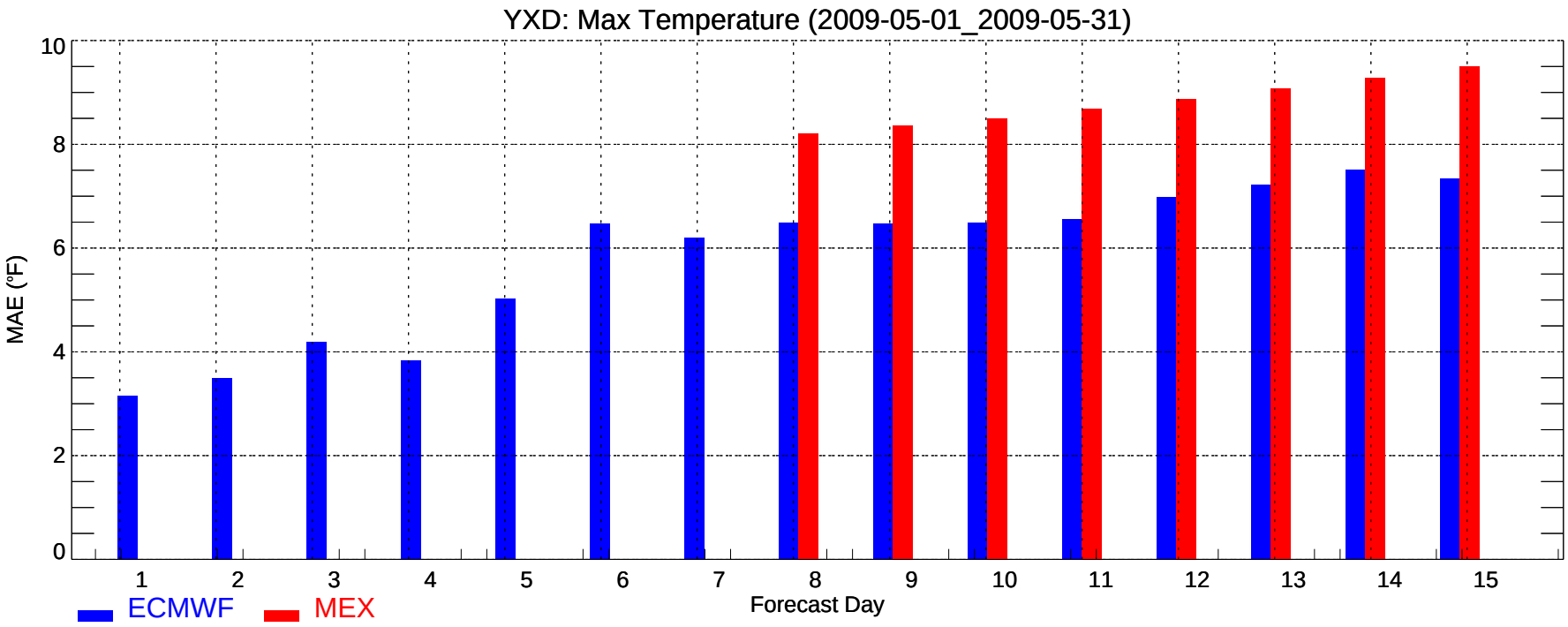
Forecast Day
ECMWF
MEX


YXD: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
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8
10
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2
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13
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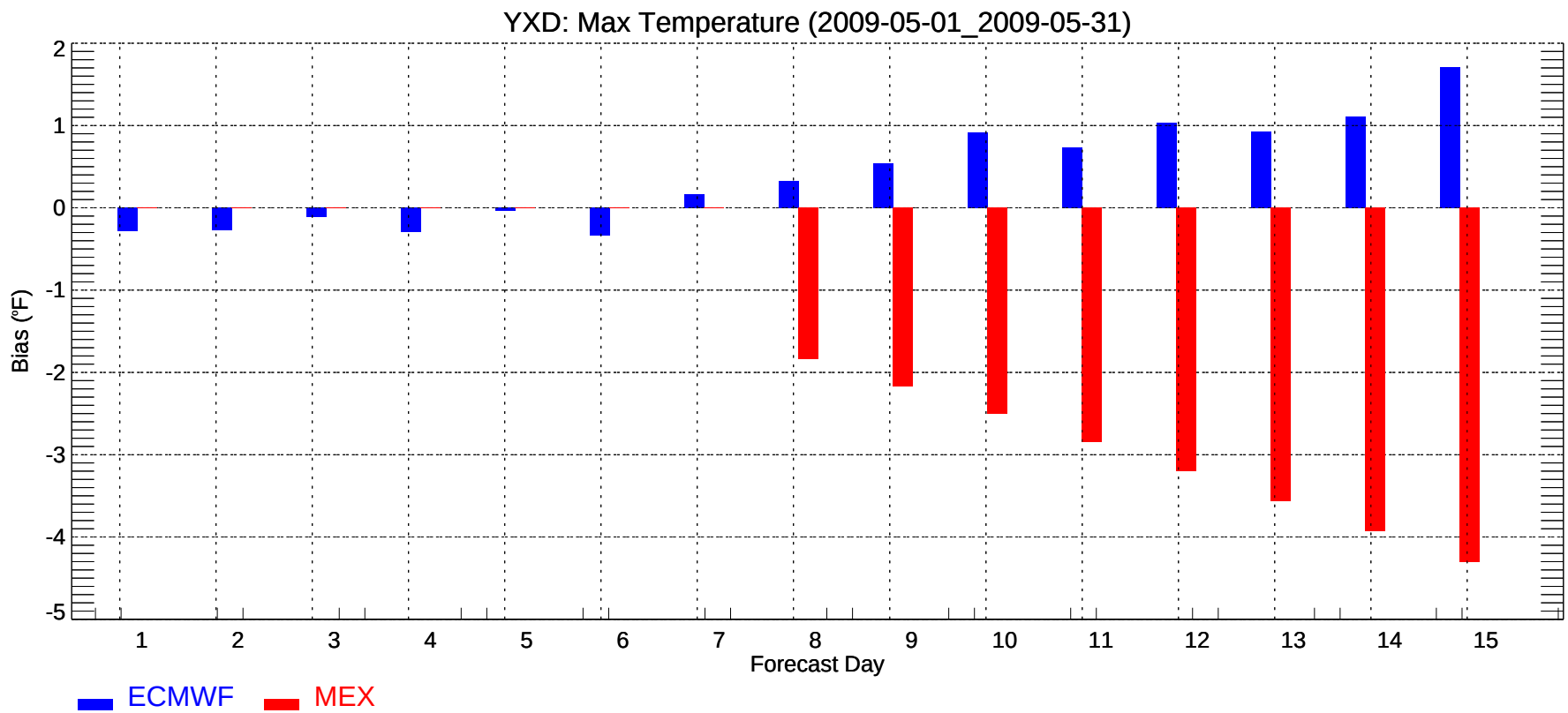
Forecast Day
ECMWF
MEX


YXD: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
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2
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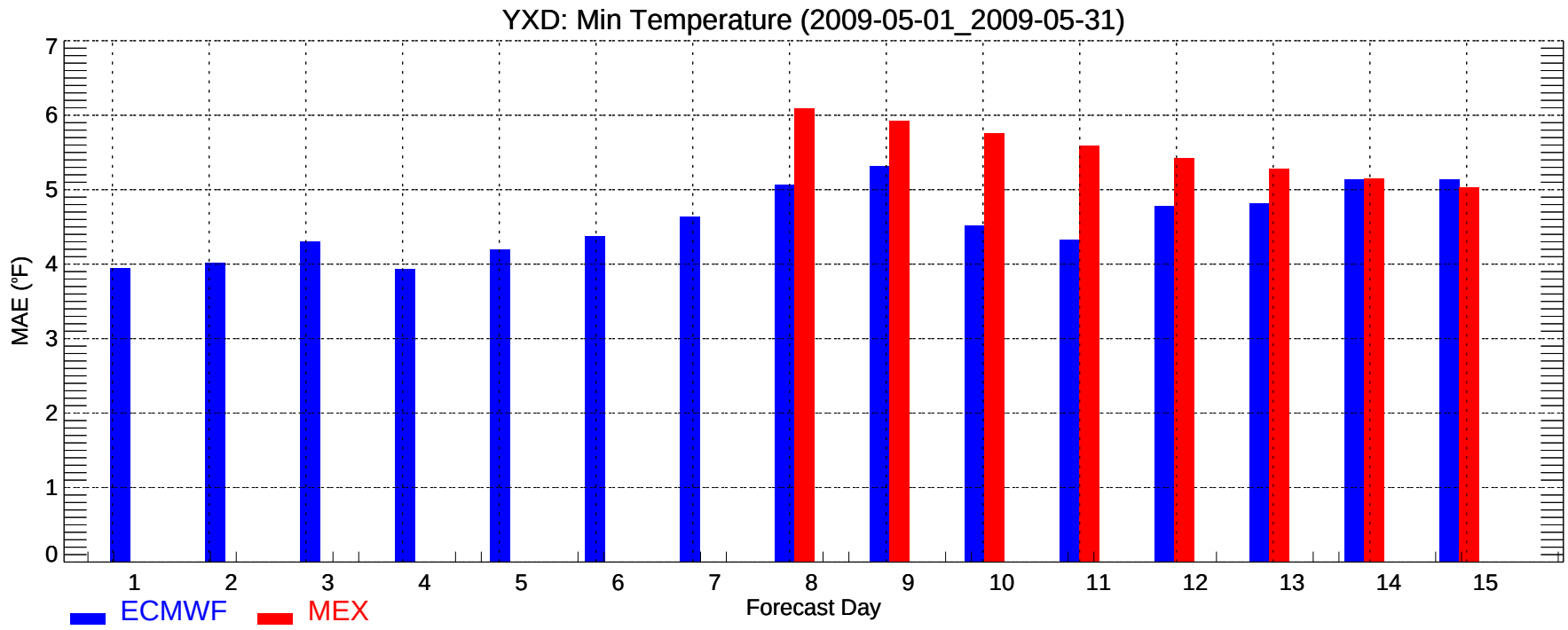
Forecast Day
ECMWF
MEX


YXD: Min Temperature (2009-05-01_2009-05-31)
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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13
14
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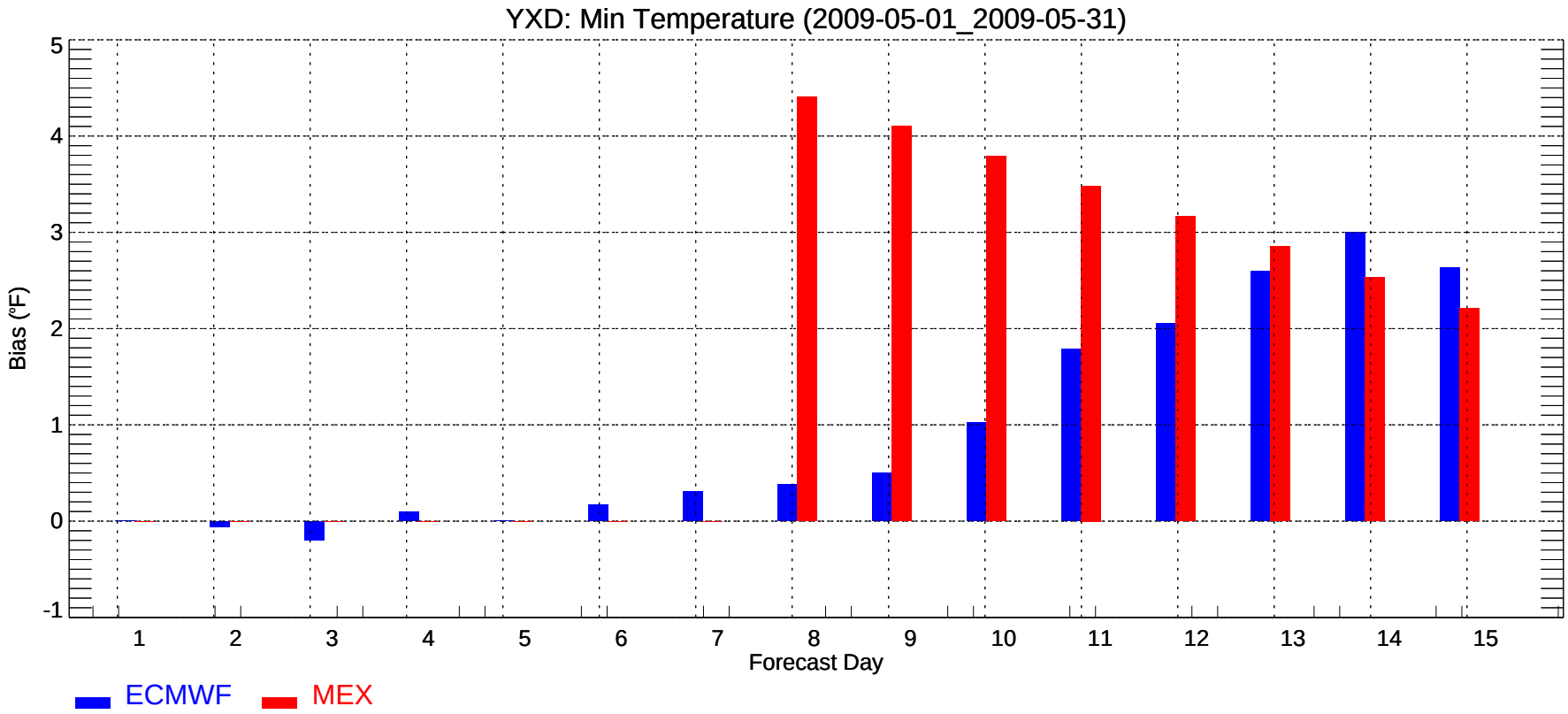
Forecast Day
ECMWF
MEX


YXD: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
-1
0
1
2
3
4
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1
2
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5
6
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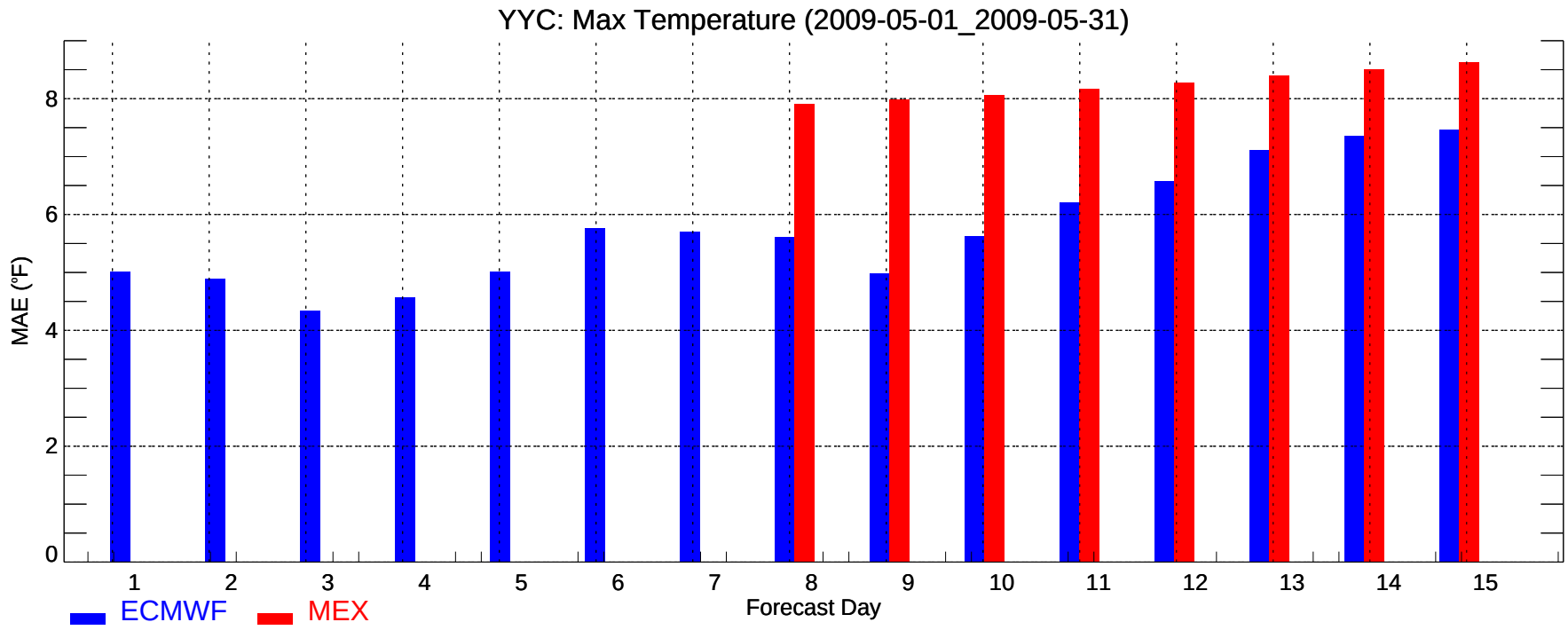
Forecast Day
ECMWF
MEX


YYC: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
2
4
6
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3
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6
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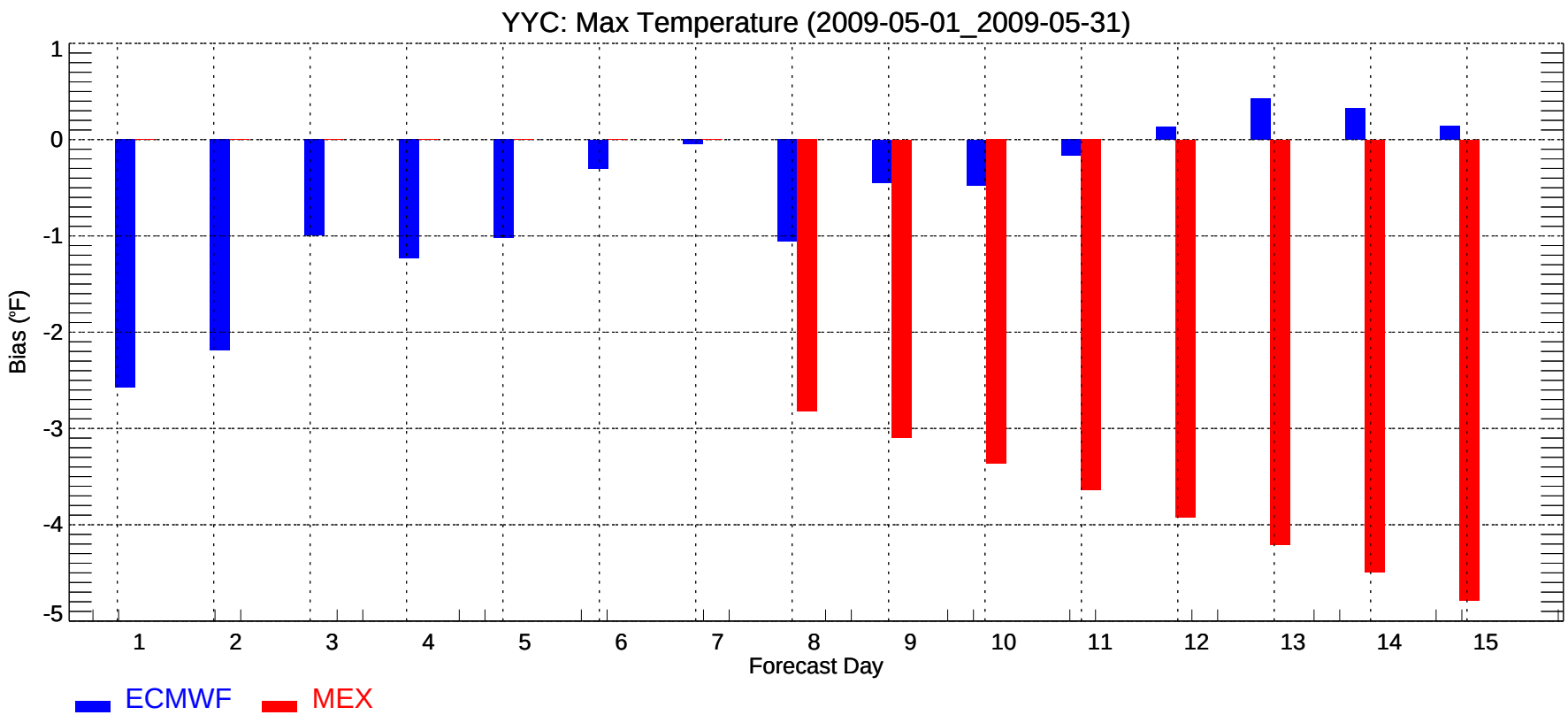
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYC: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
0
-1
-2
-3
-4
-5
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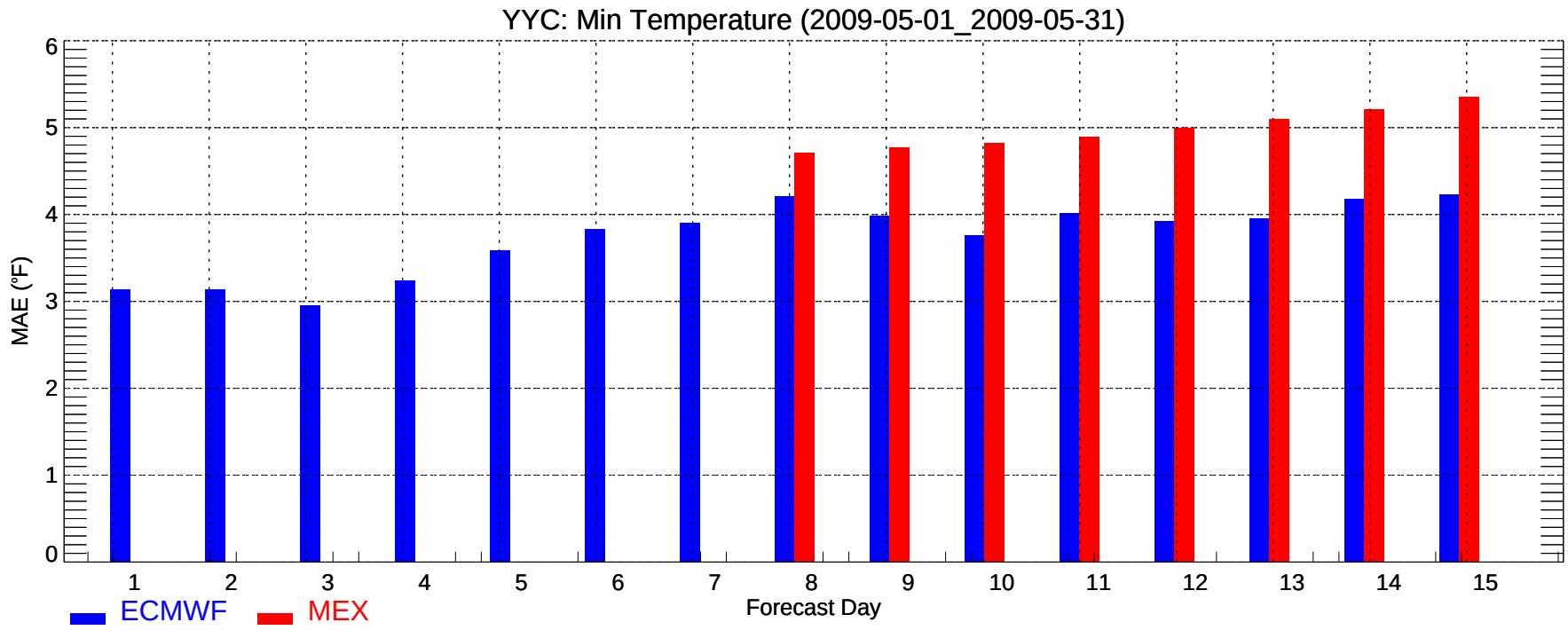
Forecast Day
ECMWF
MEX


YYC: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
1
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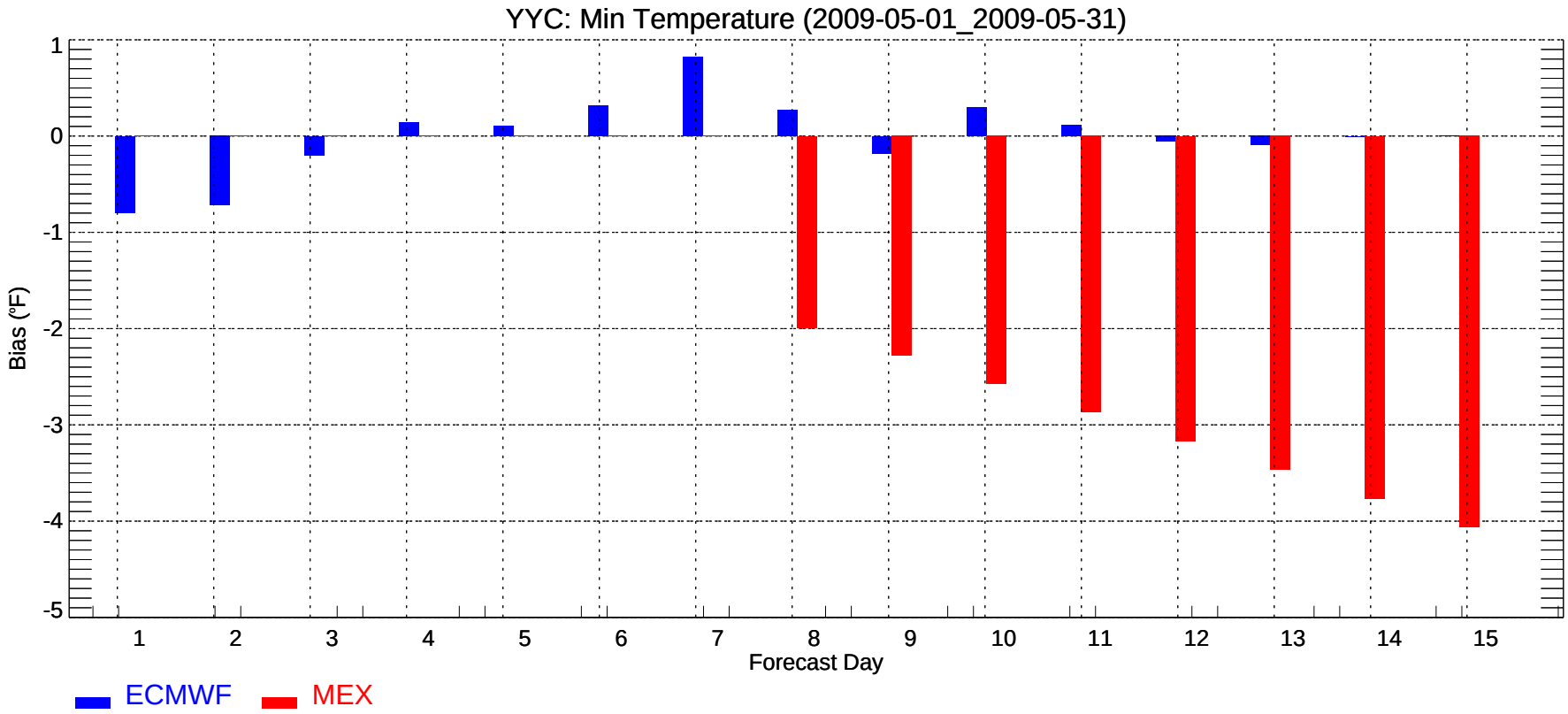
Forecast Day
ECMWF
MEX


YYC: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
1
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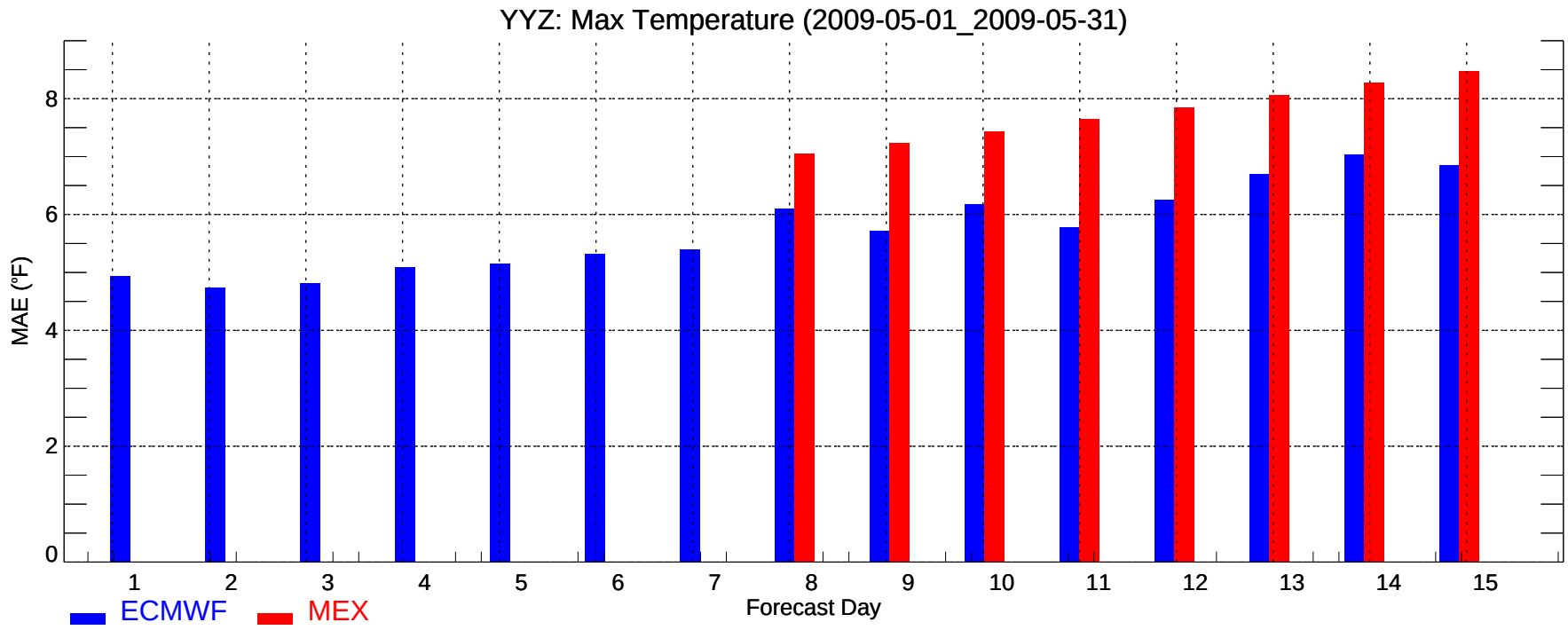
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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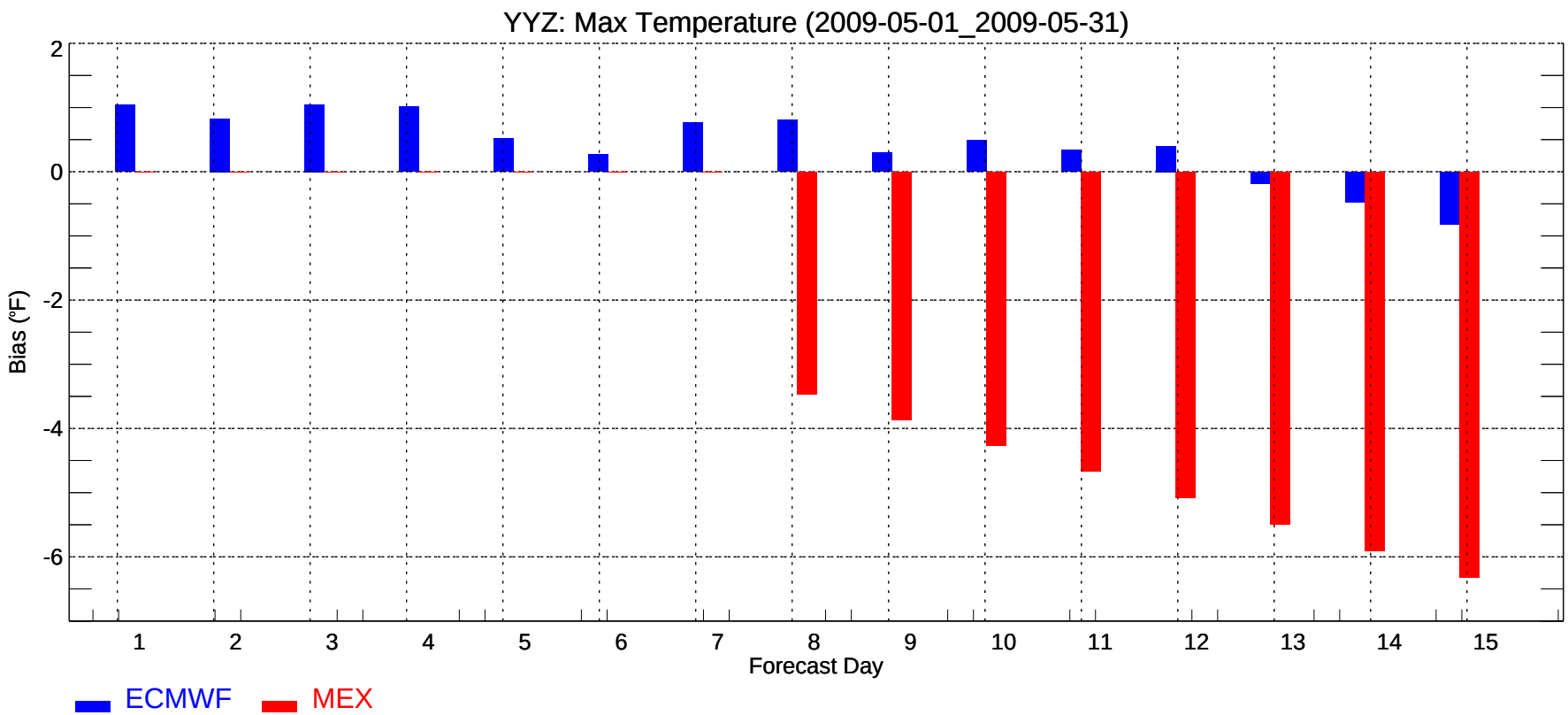
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2009-05-01_2009-05-31)
Bias (°F)
2
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-2
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-6
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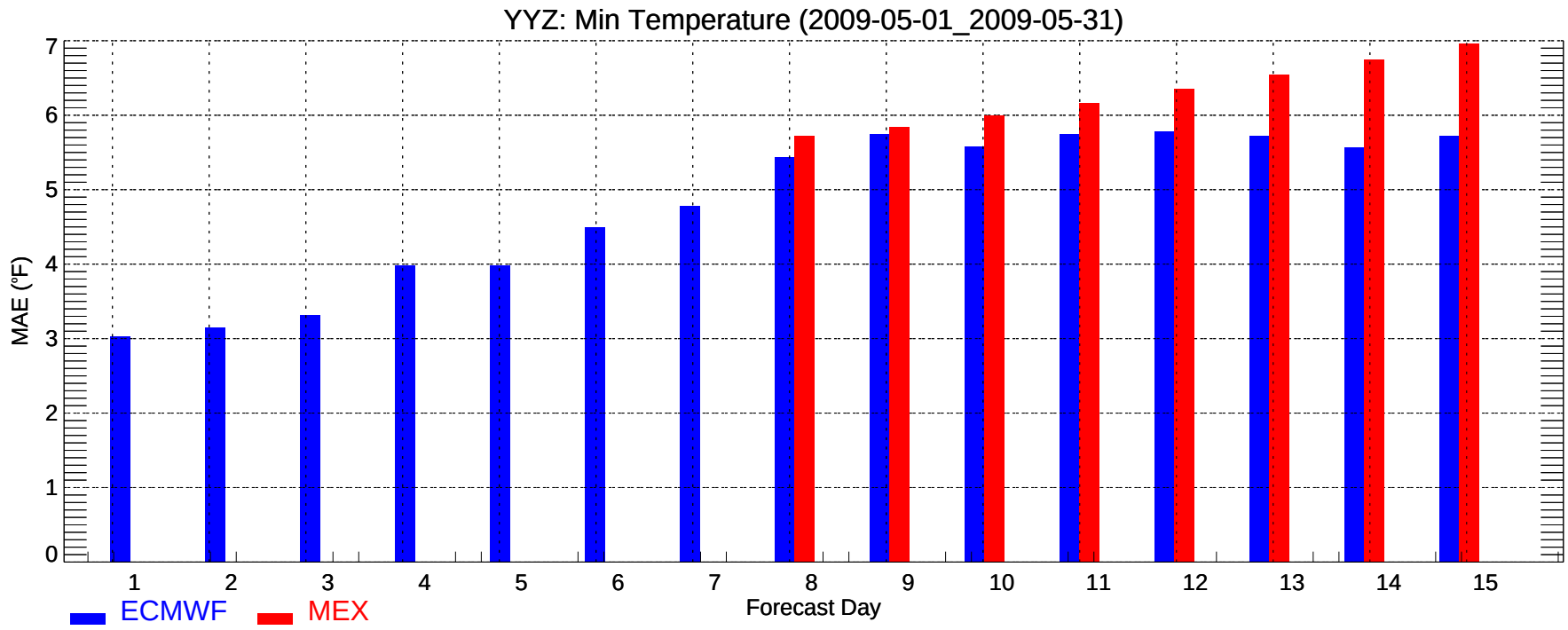
Forecast Day
ECMWF
MEX


YYZ: Min Temperature (2009-05-01_2009-05-31)
MAE (°F)
0
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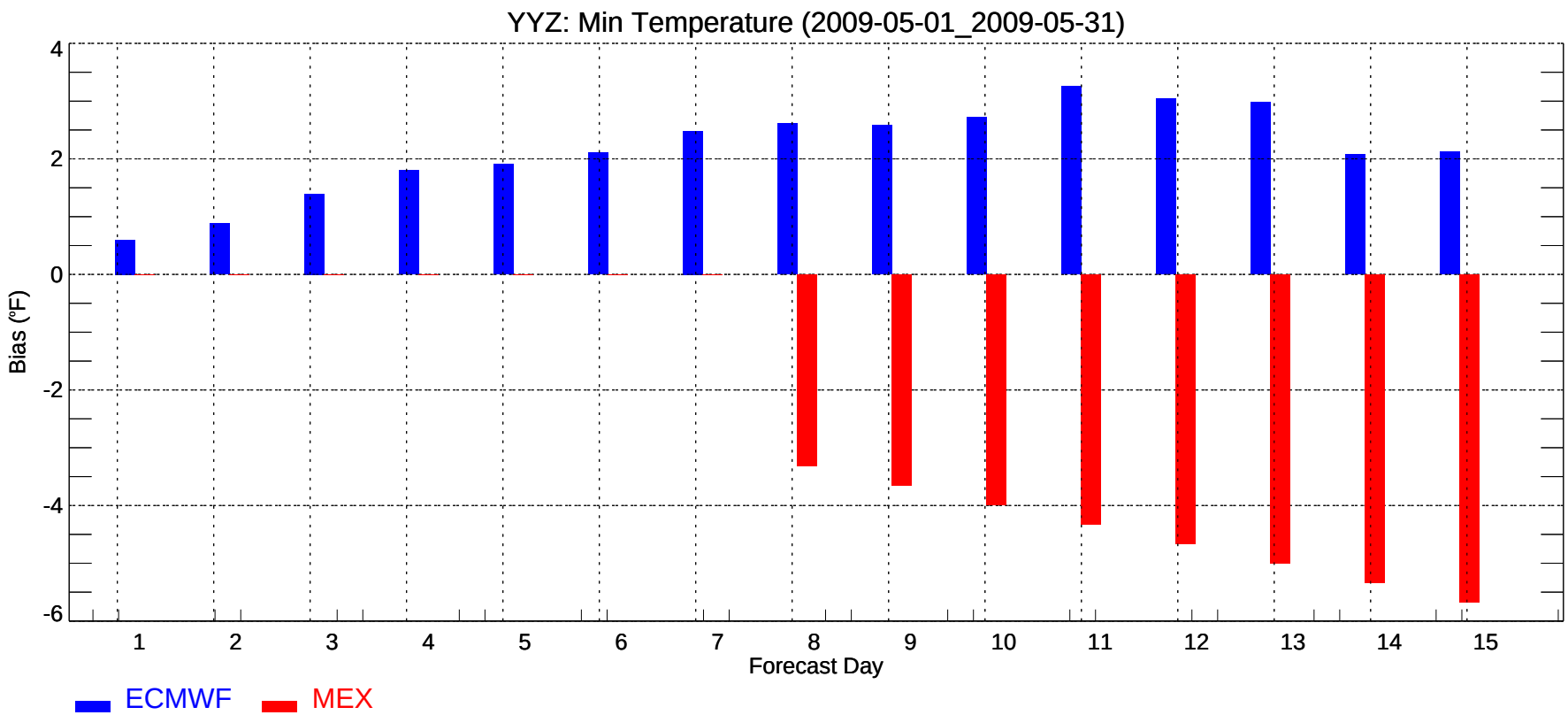
Forecast Day
ECMWF
MEX


YYZ: Min Temperature (2009-05-01_2009-05-31)
Bias (°F)
4
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-2
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Forecast Day
ECMWF
MEX