eCast Bi-monthly All Stations Report for 2009-05-23 ~ 2009-06-01

June 4, 2009

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ECMWF/MEX MAX Temperature Regional Summary

MAE (2009-05-23~2009-06-01)

	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	0.01	2.9/2.3	3.2/2.7	3.3/3.1	3.7/3.5	4.2/3.9	4.5/4.3	4.9/4.6	5.1/5.8	5.3/5.9	5.0/6.0	5.4/6.1	5.6/6.2	5.6/6.4	5.7/6.5	5.7/6.6

Bias (2009-05-23~2009-06-01)

	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	0.22	-0.0/-0.3	0.0/-0.1	0.1/0.3	0.1/-0.0	0.3/0.1	0.6/-0.0	0.5/-0.1	-0.1/-2.5	-0.6/-2.8	0.1/-3.0	0.1/-3.3	0.3/-3.6	0.4/-3.9	0.6/-4.1	0.8/-4.4

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

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

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

avg_bias: average of ECMWF-value

ECMWF/MEX MIN Temperature Regional Summary

MAE (2009-05-23~2009-06-01)

	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	0.12	2.3/0.0	2.4/2.2	2.5/2.4	2.8/2.8	3.1/3.0	3.3/3.3	3.3/3.5	3.7/5.1	4.2/5.2	4.0/5.3	4.1/5.5	4.2/5.6	4.4/5.8	4.6/5.9	4.9/--

Bias (2009-05-23~2009-06-01)

	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	0.46	0.0/0.0	0.3/0.5	0.4/0.7	0.5/0.9	0.5/0.8	0.3/0.8	0.6/0.9	0.4/-3.0	-0.2/-3.2	0.1/-3.5	0.3/-3.8	0.5/-4.1	0.9/-4.4	1.2/-4.7	1.0/--

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

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

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

avg_bias: average of ECMWF-value

ECMWF/MEX MAX Temperature in ALL

MAE (2009-05-23~2009-06-01)

	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	0.07	3.2/2.9	3.3/3.6	3.9/4.1	3.6/4.3	4.3/4.6	5.4/7.3	5.3/6.4	6.2/6.3	6.1/6.2	4.8/6.3	5.2/6.4	6.4/6.5	6.7/6.5	6.6/6.6	7.1/6.7
ABI	-0.13	2.3/0.9	2.1/1.8	1.9/2.2	2.2/2.7	3.5/3.1	3.5/3.5	3.2/2.9	3.0/3.1	2.9/3.1	3.2/3.0	3.0/3.0	3.3/3.2	3.4/3.4	3.5/3.3	4.1/3.3
ABQ	-1.36	3.0/1.2	3.7/1.5	3.9/2.5	3.7/2.2	3.6/3.1	3.4/4.4	3.9/4.4	4.2/3.0	4.1/2.8	5.1/2.4	5.5/2.0	5.7/1.8	6.5/1.7	7.7/1.7	8.8/1.7
ABY	-0.74	2.8/1.6	3.4/1.9	3.9/1.3	3.7/1.8	4.0/2.5	4.4/2.1	4.7/2.7	5.5/2.7	5.2/2.9	4.6/2.9	5.2/3.1	5.0/3.2	4.0/3.4	4.1/3.6	4.2/3.6
ACT	0.21	3.7/2.7	2.8/2.2	1.9/2.2	2.3/2.4	2.4/3.1	2.1/3.4	3.3/3.3	3.7/4.3	3.7/4.5	3.2/4.6	3.1/4.6	3.1/4.8	2.6/5.0	2.1/5.1	1.9/5.2
ACY	0.25	3.2/3.7	2.7/4.0	2.9/4.5	3.8/4.9	3.6/6.6	6.3/7.6	5.2/5.9	5.7/7.1	5.8/7.4	5.0/7.4	5.6/7.7	5.8/8.0	6.0/7.9	6.6/8.2	5.9/8.5
ALB	-0.17	3.8/3.1	3.5/3.7	4.0/3.6	3.7/3.7	5.8/4.6	5.8/6.0	6.4/5.5	7.0/6.9	7.7/6.8	7.3/6.6	7.7/6.5	8.0/6.4	8.1/6.2	8.6/6.3	9.3/6.2
ALW	0.39	1.3/2.4	1.5/2.1	1.3/3.2	2.5/3.4	4.7/4.4	5.3/5.0	5.5/6.8	4.2/12.0	4.2/12.2	3.5/12.4	5.4/12.7	7.4/13.0	8.3/13.2	8.4/13.4	8.3/13.7
AOO	0.01	3.0/3.7	3.6/3.7	4.3/4.4	4.7/6.3	6.1/4.8	5.9/7.0	6.3/7.0	6.4/6.2	6.2/6.1	5.2/6.0	5.8/5.9	6.6/6.0	6.2/5.9	6.6/5.8	7.2/5.9
APN	-0.41	5.1/3.4	6.2/2.6	6.3/5.0	7.0/5.2	8.3/7.7	9.7/6.7	10.2/7.8	8.8/7.4	9.2/7.4	10.1/7.4	9.7/7.2	9.1/7.2	10.0/7.2	10.1/7.0	10.1/6.8
ATL	-1.06	3.4/1.7	3.9/1.7	3.9/1.8	4.2/1.3	4.0/1.5	4.8/2.3	6.5/2.7	6.6/2.8	6.8/2.8	5.5/3.0	5.6/3.1	5.1/2.9	3.9/3.1	3.9/3.1	4.0/3.2
AUG	-0.23	4.7/2.0	3.1/2.5	3.7/3.2	5.2/4.0	5.0/6.0	6.2/6.1	7.4/6.0	6.4/6.3	7.4/6.4	7.5/6.5	7.6/6.3	7.7/6.4	7.8/6.6	7.8/6.6	7.4/6.7
AUS	0.09	2.0/2.9	2.0/2.4	1.8/1.7	2.0/2.1	2.8/2.3	3.3/2.9	4.2/2.7	3.6/3.5	2.9/3.7	2.7/3.9	3.6/3.8	3.0/4.0	2.4/4.0	2.9/4.2	3.3/4.4
AVP	-0.35	3.8/2.4	5.0/3.2	6.0/3.1	4.8/3.0	5.3/3.4	5.8/6.0	5.3/4.5	5.3/3.9	4.6/3.8	4.4/3.9	4.0/4.0	5.0/4.1	5.3/4.1	5.4/4.2	5.7/4.3
BDL	-0.06	3.2/3.0	4.7/3.4	4.9/4.2	4.1/3.9	5.8/6.3	7.6/8.3	7.7/7.5	7.7/7.4	7.6/7.3	6.7/7.0	6.9/7.1	7.9/7.2	7.5/7.0	8.3/7.1	7.6/7.3
BFL	0.27	1.6/1.6	2.0/1.5	1.9/1.8	2.0/1.6	2.0/2.3	2.7/3.4	3.1/2.9	3.6/7.1	3.5/7.3	3.5/7.6	3.6/7.9	3.8/8.1	3.8/8.4	3.6/8.7	3.7/9.0
BGM	-0.20	2.8/2.8	3.0/3.0	3.0/2.4	2.8/2.5	4.6/4.0	5.0/4.0	5.8/4.7	5.7/4.5	4.9/4.6	4.6/4.7	5.7/4.6	6.2/4.8	6.4/4.8	6.6/4.9	7.2/4.9
BHM	-0.42	3.5/2.2	3.1/2.0	4.6/2.2	4.5/2.5	4.1/2.4	3.7/2.7	5.0/3.5	6.1/3.9	6.7/3.9	4.8/4.1	5.3/4.2	4.8/4.2	4.0/4.4	4.7/4.4	4.4/4.5
BIS	0.26	1.7/3.1	1.7/3.1	2.4/4.2	3.7/5.5	3.5/3.6	3.9/5.4	3.8/5.0	3.8/5.9	5.6/6.2	6.2/6.3	5.2/6.1	5.4/6.4	4.9/6.5	4.6/6.3	4.3/6.6
BNA	-0.13	2.1/1.2	2.4/1.9	2.4/1.3	2.6/1.3	2.8/1.8	2.5/2.0	2.9/3.0	5.0/5.1	6.4/5.4	4.8/5.5	4.0/5.7	4.1/6.0	4.0/6.3	4.1/6.3	4.0/6.5
BOI	0.38	1.6/1.7	1.1/1.8	0.9/1.5	2.5/1.6	3.5/2.6	3.7/3.5	3.1/4.3	4.1/13.4	3.5/13.7	3.0/14.0	4.0/14.3	5.5/14.6	5.5/14.9	5.2/15.2	5.2/15.5
BOS	0.07	4.3/4.5	5.0/5.5	6.0/7.2	6.2/7.2	7.8/10.6	9.8/11.0	10.2/9.7	10.7/10.4	10.5/10.4	9.5/10.5	10.1/10.6	10.5/10.6	10.3/10.7	10.6/10.8	10.2/10.8
BRO	0.03	2.2/2.7	2.1/2.9	2.7/3.5	1.9/3.4	2.2/2.7	1.8/3.7	1.8/3.3	2.1/2.5	2.3/2.6	3.1/2.5	3.6/2.7	3.8/2.9	4.0/2.9	4.3/3.1	4.6/3.2
BTV	-0.31	2.5/2.6	3.2/2.7	3.2/2.6	3.8/3.1	4.8/5.2	5.9/5.3	7.3/4.1	7.1/6.2	7.2/6.1	7.4/5.9	7.6/5.7	8.0/5.4	7.3/5.2	8.9/5.0	8.5/5.0
BUF	0.05	4.1/3.7	3.8/3.7	4.1/5.1	4.9/6.7	6.4/6.9	6.6/5.1	6.4/6.5	6.7/6.9	6.7/6.9	5.9/7.0	6.6/7.1	6.0/7.1	5.9/7.2	7.2/7.4	7.6/7.6
BUR	-0.15	2.4/2.6	2.8/5.3	3.7/6.2	3.3/5.8	4.1/4.9	4.5/5.2	5.4/6.2	5.4/5.1	4.4/4.9	4.9/4.8	7.3/4.9	8.3/4.8	8.5/4.7	9.0/4.6	9.5/4.5
BWI	0.18	2.3/3.1	3.2/3.5	3.1/3.7	2.5/4.5	3.8/3.4	3.9/5.8	4.5/5.4	4.8/5.3	5.2/5.4	3.0/5.5	3.7/5.6	5.6/5.7	5.4/5.8	4.7/5.9	5.3/6.2
CAE	-0.26	2.9/1.6	2.8/2.4	2.6/2.5	3.9/2.5	3.8/3.6	3.4/2.7	3.8/4.0	5.0/3.8	5.9/3.8	5.9/4.0	5.2/3.9	4.9/3.9	5.0/4.1	4.1/4.3	4.1/4.3
CHA	-0.12	1.5/1.2	2.2/1.8	1.9/2.6	2.9/1.4	2.6/1.9	2.3/2.1	3.3/3.3	4.5/3.7	5.5/3.9	4.6/4.1	4.7/4.4	4.3/4.4	3.3/4.6	3.5/4.8	3.4/5.1
CLE	0.12	6.0/3.6	5.8/4.3	5.5/4.4	4.6/6.1	4.9/7.0	5.6/5.5	5.8/5.4	5.2/7.0	6.2/7.4	5.3/7.7	5.2/7.8	4.9/8.2	4.7/8.5	5.5/8.6	5.7/9.0
CLT	-0.53	3.5/1.9	3.8/1.9	3.6/2.4	4.4/1.8	5.2/2.4	4.2/2.5	3.8/3.2	5.2/3.0	5.0/2.9	4.7/3.0	4.5/3.2	4.1/3.4	3.4/3.6	3.0/3.7	2.9/3.7
CMH	0.33	2.1/2.6	2.2/2.5	2.4/4.3	2.7/5.1	2.9/3.5	3.7/4.2	3.8/4.6	4.1/6.8	5.4/7.1	4.1/7.2	3.5/7.6	3.7/7.9	4.8/8.0	5.4/8.4	5.6/8.7
CON	-0.02	2.1/2.5	2.4/2.5	3.4/4.3	4.4/4.1	6.7/7.0	8.1/9.2	9.3/8.3	9.4/8.8	9.3/8.7	8.5/8.4	9.0/8.5	9.2/8.5	9.1/8.3	9.4/8.4	9.0/8.2
COS	-0.26	2.9/2.0	3.4/2.7	3.0/3.2	2.9/2.8	2.8/3.2	3.6/2.7	3.8/3.5	4.1/3.7	5.4/3.7	5.3/3.8	5.5/3.8	5.8/4.1	5.7/4.3	5.6/4.5	7.2/4.6
COU	0.10	2.1/1.5	2.0/1.6	2.2/2.6	2.5/4.0	3.6/4.1	4.9/4.2	4.5/5.4	5.0/6.4	5.2/6.5	4.8/6.4	5.8/6.7	6.2/6.8	6.1/6.9	5.6/7.0	5.1/7.2
CQT	-0.33	2.7/2.6	2.8/5.0	3.0/4.5	2.8/4.4	3.3/3.9	4.0/4.7	4.3/5.0	4.2/3.5	3.9/3.4	4.9/3.3	5.9/3.2	6.3/3.1	6.5/3.0	6.7/3.0	6.9/3.0
CRP	0.19	3.1/2.4	4.0/3.4	3.3/1.7	2.5/2.0	2.3/2.1	1.6/1.7	1.5/2.0	1.7/4.7	1.4/4.9	2.1/5.1	2.4/5.3	2.6/5.5	2.9/5.6	3.3/5.7	3.4/5.9
CRW	0.04	3.0/2.3	3.1/2.0	3.3/3.8	3.8/3.3	4.0/2.5	4.3/3.5	4.2/3.9	3.7/5.7	4.6/5.8	4.2/6.1	3.9/6.1	4.2/6.3	4.6/6.6	4.7/6.9	5.1/6.9
CVG	0.11	2.4/1.4	2.1/1.6	2.4/3.1	2.6/3.5	3.2/2.5	3.5/3.0	3.3/3.9	3.6/4.8	4.1/5.1	3.4/5.2	3.4/5.5	3.1/5.8	4.8/6.1	4.5/6.4	4.5/6.7
DAY	0.43	2.6/4.5	2.9/5.2	3.1/5.9	3.4/7.2	3.4/5.4	4.2/6.0	4.3/6.5	5.4/9.2	6.5/9.3	5.3/9.6	4.9/9.9	4.9/10.2	5.0/10.5	6.1/10.9	6.5/11.2
DBQ	0.21	1.8/1.9	1.9/3.3	2.6/3.1	3.8/5.1	4.0/5.2	4.0/4.3	4.3/4.2	4.4/4.5	3.0/4.6	2.4/4.7	3.9/5.1	3.9/5.2	4.3/5.3	4.5/5.7	4.4/5.8
DCA	-0.12	4.0/2.3	4.7/2.9	4.5/2.8	4.1/3.4	4.7/3.1	4.3/4.6	5.5/5.3	4.9/5.0	5.7/5.1	3.0/5.2	4.0/5.3	5.8/5.4	5.0/5.7	5.1/5.6	5.0/5.7
DEC	-0.07	3.7/2.1	3.4/2.9	3.7/4.5	4.8/4.7	4.6/4.0	5.8/4.7	5.1/5.5	6.8/5.9	6.3/5.6	5.8/5.9	6.2/6.2	5.8/6.3	6.3/6.4	6.3/6.7	5.8/7.0
DEN	-0.05	2.3/1.6	2.6/2.6	2.4/2.6	3.4/3.4	3.6/3.1	4.0/3.6	3.9/3.4	3.5/4.8	5.4/5.0	6.0/5.1	6.0/5.1	6.1/5.5	5.3/5.6	4.8/5.6	5.8/5.9
DFW	-0.11	3.5/2.0	3.5/2.4	3.2/2.2	3.2/2.8	3.8/3.2	3.4/3.5	3.5/3.5	5.0/4.6	6.0/4.9	5.2/5.1	5.0/5.2	5.1/5.5	5.3/5.7	4.5/5.9	4.3/6.0
DLH	-0.39	4.7/3.0	5.0/4.0	5.5/4.8	7.1/4.4	6.5/4.6	7.0/4.3	8.0/6.3	9.4/6.4	9.8/6.4	8.7/6.3	8.8/6.2	8.3/6.2	8.2/6.3	8.2/6.5	8.5/6.5
DSM	-0.03	3.6/2.6	4.3/3.9	4.9/3.6	6.2/4.5	5.8/6.6	5.9/4.8	5.7/6.1	5.1/6.5	4.5/6.6	4.9/6.5	6.6/6.7	7.3/6.8	6.9/6.7	6.7/6.9	6.5/7.0
DTW	0.03	2.4/2.8	3.7/2.5	2.6/2.5	2.7/3.6	4.0/4.8	5.0/3.6	4.7/3.6	3.4/3.9	3.9/4.2	3.9/4.3	4.6/4.3	3.5/4.7	4.0/4.8	4.1/5.0	3.9/5.3
ELP	-0.98	3.6/2.0	4.6/1.5	4.1/1.1	3.5/2.1	4.2/1.8	3.3/1.3	3.2/3.4	3.3/1.9	3.9/1.9	3.2/2.0	3.3/2.3	3.4/2.5	4.1/2.6	5.2/2.9	6.2/3.1
ERI	-0.24	4.3/3.4	5.8/3.6	6.1/2.8	6.0/5.4	6.7/6.7	7.5/6.0	8.2/5.3	7.2/5.8	6.8/5.8	6.4/6.1	7.1/6.1	5.7/6.1	5.7/6.4	6.8/6.4	7.4/6.8
EUG	-0.08	2.1/1.4	2.9/1.9	3.5/2.5	4.0/2.3	4.6/4.5	5.5/4.8	5.9/6.1	5.6/10.1	6.1/10.3	8.5/10.4	10.1/10.6	10.3/10.8	10.7/11.0	11.2/11.2	11.0/11.4
EVV	0.01	4.1/2.2	4.0/2.5	4.6/4.2	3.7/3.5	3.8/3.5	4.6/3.4	3.7/4.0	4.4/5.0	4.6/5.3	4.5/5.5	4.4/5.8	3.7/6.1	4.6/6.3	4.2/6.6	4.0/6.9
EWR	0.08	5.1/3.3	4.9/4.6	4.5/5.0	4.4/5.7	4.8/6.0	6.3/7.4	6.5/6.3	6.2/7.0	6.4/7.1	5.4/7.2	5.8/7.3	6.5/7.4	6.8/7.5	7.2/7.8	6.8/7.9
FAR	0.03	4.6/2.9	4.8/4.3	4.8/6.0	6.8/7.1	6.5/6.1	5.9/6.7	6.3/7.7	4.5/6.4	6.3/6.7	5.8/6.6	6.5/6.5	6.9/6.7	6.5/6.9	6.4/6.8	6.1/6.8
FAT	0.24	2.0/1.9	2.8/2.5	2.5/2.9	2.5/2.4	2.8/3.5	3.6/3.9	4.2/3.9	4.5/8.0	4.3/8.3	4.5/8.6	5.1/8.9	5.3/9.1	5.7/9.4	5.3/9.7	5.5/10.0
FLG	-1.81	1.8/2.4	1.5/3.1	2.1/3.6	2.4/3.8	2.3/4.7	3.9/4.9	4.9/6.7	7.0/2.2	8.4/2.2	9.8/2.1	10.4/1.9	10.0/1.9	10.2/1.8	9.8/2.0	10.1/2.1
FMY	-2.10	1.9/1.9	2.6/2.3	2.6/2.7	2.9/2.8	3.5/2.3	3.7/1.9	3.7/1.8	4.1/0.5	4.1/0.6	3.9/0.7	3.1/0.8	2.6/0.7	2.3/0.6	2.3/0.8	1.9/1.0
FSD	0.18	2.3/3.5	2.4/4.1	3.4/4.7	5.0/7.0	4.9/5.2	5.1/6.4	6.2/6.5	5.1/6.5	6.7/6.8	6.1/7.0	5.8/7.2	6.9/7.5	6.3/7.7	6.7/7.8	6.6/8.1
FWA	0.21	3.0/3.8	2.5/4.4	3.4/5.5	4.2/6.7	5.1/5.3	5.9/5.3	5.3/5.8	5.9/6.9	7.0/6.9	5.7/7.3	5.5/7.4	5.2/7.6	5.7/8.0	6.1/8.3	6.0/8.7

GAD	-1.00	3.2/1.2	3.8/1.4	4.1/1.8	4.1/1.2	3.9/2.3	3.7/2.2	5.5/3.2	6.6/2.6	7.2/2.7	5.4/2.9	5.5/2.9	4.5/3.1	3.7/3.2	3.9/3.5	3.8/3.5
GEG	0.43	0.8/1.1	0.7/1.8	1.3/3.0	2.3/4.0	3.6/4.3	3.7/5.4	4.0/6.6	4.1/12.5	4.1/12.7	5.3/12.9	6.7/13.1	8.7/13.4	9.8/13.7	9.8/13.9	10.1/14.2
GTF	0.33	1.4/2.7	2.4/4.1	2.2/4.6	3.4/5.1	4.2/4.4	4.3/6.6	3.8/4.4	4.3/10.1	5.3/10.4	6.6/10.5	7.0/10.6	8.2/10.8	8.2/11.1	8.9/11.2	9.1/11.3
HOU	-0.17	1.9/2.1	3.3/2.0	3.5/1.9	3.5/1.8	3.3/2.6	2.3/2.9	3.4/2.6	3.3/2.8	3.4/3.0	2.4/2.8	3.4/2.8	3.1/2.8	2.4/3.0	2.3/3.2	2.9/3.3
HSV	-0.14	2.8/2.0	2.5/2.3	3.2/2.5	4.6/3.5	3.9/2.9	3.8/3.5	5.0/4.5	6.6/5.2	7.6/5.3	6.2/5.4	6.0/5.6	5.6/5.8	4.8/5.9	5.3/6.1	5.3/6.1
IAH	-0.03	1.7/2.1	2.8/1.8	2.7/1.9	3.3/2.2	3.3/2.9	3.3/3.0	4.2/3.2	3.5/3.4	3.6/3.4	2.4/3.4	3.7/3.6	3.3/3.8	2.3/3.8	2.3/4.0	3.1/4.0
ICT	0.26	2.8/3.0	3.0/4.1	3.6/5.3	3.8/4.8	5.7/5.9	5.1/6.3	6.2/7.7	8.0/10.2	8.5/10.6	7.1/10.8	6.7/11.1	7.4/11.5	7.9/11.7	7.3/12.0	6.7/12.3
ILG	0.23	2.1/2.9	2.7/3.1	2.6/3.4	2.0/3.9	3.5/4.7	3.5/5.8	4.2/5.7	5.0/5.8	6.1/6.1	3.7/6.4	4.8/6.5	6.4/6.6	5.5/6.9	5.8/7.0	5.4/7.1
IND	0.08	2.8/2.0	2.7/2.6	3.8/4.4	4.7/4.7	4.4/3.9	5.2/4.5	4.7/5.2	5.6/5.9	5.6/6.2	4.8/6.5	4.8/6.6	4.4/7.0	5.5/7.3	6.2/7.4	5.8/7.8
IPT	-0.21	4.4/2.8	5.6/3.8	6.2/3.7	5.2/3.5	5.8/3.6	7.0/6.6	6.1/5.6	6.2/5.3	5.5/5.4	5.2/5.7	4.6/5.6	6.0/5.7	6.7/6.0	6.2/6.3	6.8/6.4
JAN	-0.54	3.2/1.5	2.9/1.0	3.2/2.0	4.2/2.1	4.2/2.4	3.6/3.2	4.0/3.6	5.0/3.5	6.4/3.5	5.2/3.7	4.6/3.6	4.0/3.5	4.5/3.5	4.2/3.7	3.7/3.8
JAX	-0.74	3.0/1.3	3.8/1.9	4.1/1.8	5.3/2.0	5.9/3.0	6.1/2.1	5.2/4.4	5.1/3.3	5.3/3.3	5.2/3.5	5.4/3.7	5.1/3.8	4.5/3.8	4.3/3.8	3.7/4.0
JFK	0.07	3.9/2.9	3.2/4.7	3.9/5.5	3.7/4.9	4.1/5.7	6.0/6.2	5.4/5.7	5.9/6.0	6.1/6.1	5.2/6.0	5.6/5.9	6.0/6.0	6.2/6.1	6.3/6.1	6.0/6.4
LAN	0.10	4.2/4.0	5.1/4.4	4.0/3.3	3.7/5.1	3.9/6.6	4.3/5.4	4.8/5.4	5.4/4.5	5.5/4.9	4.4/5.2	4.6/5.3	4.3/5.7	4.5/6.0	4.9/6.2	4.5/6.6
LAS	0.33	1.3/1.3	1.3/1.3	1.7/2.3	2.0/1.5	2.4/2.7	2.4/2.8	2.3/2.0	2.7/5.6	2.9/6.0	2.9/6.4	2.6/6.7	2.7/7.1	2.5/7.4	2.2/7.7	2.7/8.1
LAX	-0.08	2.1/2.2	1.9/3.2	1.6/3.5	1.6/2.8	2.2/3.4	2.5/2.7	2.7/3.7	2.1/2.1	1.6/2.0	2.1/1.9	2.5/1.8	2.9/1.8	3.1/1.8	3.0/1.8	3.6/1.8
LEX	-0.04	2.5/1.2	2.2/1.3	2.5/2.1	3.2/2.0	2.8/2.1	3.3/1.8	2.9/2.8	3.6/5.2	4.2/5.3	3.5/5.6	3.2/5.9	3.0/6.2	3.7/6.4	4.0/6.7	3.9/7.0
LFK	-0.04	2.6/2.1	3.3/1.7	3.0/2.1	1.6/1.8	0.8/2.0	1.7/1.7	2.0/1.5	1.9/1.6	2.0/1.8	1.7/2.0	2.0/2.2	2.2/2.4	2.5/2.6	2.0/2.8	2.3/3.0
LGA	0.10	4.8/4.5	4.9/5.2	4.6/6.5	4.1/6.0	5.9/7.1	7.3/8.6	7.4/7.8	7.1/7.9	7.7/7.9	6.4/8.0	7.1/8.1	7.6/8.1	8.1/8.2	8.5/8.3	8.2/8.3
LGB	-0.28	2.7/2.0	2.9/3.3	3.0/4.7	3.1/3.8	3.7/5.0	4.5/4.8	4.6/4.8	4.2/4.3	3.0/4.2	4.5/4.1	6.7/4.1	7.9/4.1	8.1/4.1	8.6/4.0	9.4/3.9
LIT	-0.17	2.0/1.5	2.7/2.2	3.3/2.9	2.9/2.6	5.3/3.3	4.8/3.8	5.0/5.7	6.6/5.5	9.0/5.5	6.8/5.8	5.9/5.9	6.4/5.8	6.7/6.0	5.9/6.3	5.2/6.2
LNS	0.31	1.9/2.6	1.9/3.5	2.2/4.3	2.4/4.3	3.3/4.1	4.0/5.9	4.9/4.8	5.1/6.4	5.3/6.6	3.4/6.9	4.4/7.2	5.9/7.4	5.5/7.7	5.5/8.1	5.6/8.3
MAF	-0.18	3.3/2.0	2.9/2.9	2.7/2.4	3.8/3.2	4.0/3.0	3.5/3.8	4.4/4.7	4.5/3.5	3.8/3.7	4.1/3.6	4.2/3.7	3.9/3.9	4.7/4.1	5.4/4.0	5.9/4.1
MBA	-0.09	3.7/3.0	4.2/3.1	4.6/5.0	5.0/4.9	7.3/8.9	9.4/10.4	10.6/8.8	10.5/9.6	10.4/9.5	9.5/9.6	10.1/9.5	10.7/9.2	10.5/9.3	11.3/9.4	10.6/9.0
MCI	0.06	4.1/2.7	3.4/2.8	3.8/3.5	4.9/4.4	5.5/6.9	6.3/6.7	6.1/7.7	6.3/9.1	5.6/9.2	7.0/9.3	7.9/9.2	8.9/9.3	9.0/9.4	8.5/9.3	7.7/9.5
MCN	-0.67	3.6/2.2	3.6/3.0	3.5/2.7	3.4/2.3	3.5/2.5	4.0/1.4	4.3/2.3	5.4/2.2	4.9/2.5	4.6/2.5	4.9/2.5	4.4/2.6	3.5/2.9	3.4/3.1	3.4/3.1
MCO	-1.35	3.0/0.6	3.2/1.3	3.2/1.5	3.4/1.2	3.2/1.4	3.0/1.8	3.3/1.6	2.9/1.6	3.4/1.5	2.8/1.4	3.2/1.3	2.5/1.2	2.4/1.1	2.4/1.1	2.0/1.1
MDT	0.12	2.8/4.0	3.7/4.8	4.1/5.8	3.3/5.9	4.6/5.0	5.6/7.5	5.6/6.0	6.3/5.7	5.8/5.8	4.6/5.9	5.3/6.0	6.3/5.9	5.9/6.0	6.1/6.3	6.3/6.2
MEM	-0.01	3.4/2.6	3.7/2.8	3.5/2.9	2.7/2.6	3.9/2.7	3.5/3.0	3.6/4.5	4.7/5.3	6.3/5.4	4.8/5.5	4.2/5.7	4.6/6.0	5.2/6.1	5.3/6.1	4.7/6.4
MHT	-0.07	2.6/1.7	3.0/2.2	3.7/5.1	4.5/4.5	6.3/7.8	8.1/9.3	9.2/8.7	9.3/8.3	9.3/8.3	8.2/8.4	8.7/8.2	9.1/8.2	8.9/8.3	9.3/8.1	8.7/8.3
MIA	-0.24	1.6/1.2	2.2/1.1	2.6/1.2	2.1/1.5	2.1/1.2	1.7/1.4	1.5/1.4	1.6/1.3	1.0/1.4	1.3/1.5	1.5/1.6	1.4/1.5	1.3/1.4	1.5/1.5	1.6/1.4
MKE	-0.36	6.8/4.0	7.9/4.5	8.4/3.8	9.4/7.4	9.7/6.5	8.7/6.0	9.1/8.1	8.3/7.3	6.7/7.2	7.5/7.0	8.9/6.8	7.7/6.7	8.9/6.7	8.2/6.7	8.3/6.5
MOB	-0.46	1.6/0.9	1.9/1.2	3.2/1.4	3.5/1.9	3.6/2.0	4.0/2.2	3.7/3.0	4.3/3.2	4.6/3.0	4.3/3.2	4.2/3.4	4.1/3.5	3.7/3.5	3.5/3.5	3.5/3.7
MSP	-0.02	3.5/2.5	3.2/3.0	5.6/4.4	6.5/5.0	5.4/4.3	5.1/6.0	6.1/5.8	4.9/6.0	7.1/5.9	5.5/6.2	5.6/6.4	6.5/6.5	5.4/6.9	5.8/7.1	5.5/7.2
MSY	-0.38	1.8/1.4	2.3/2.0	2.6/2.1	2.6/1.8	3.4/1.9	3.4/2.1	3.1/2.9	3.8/2.5	4.4/2.5	4.0/2.6	3.7/2.6	3.3/2.6	3.5/2.6	3.4/2.8	3.0/2.9
MWL	-0.01	4.2/3.4	3.4/2.9	2.7/2.4	2.3/2.1	3.2/2.5	2.2/3.9	3.2/3.8	4.1/3.1	3.6/3.3	3.5/3.5	3.4/3.4	3.2/3.4	3.2/3.6	3.1/3.8	3.0/3.8
NKX	0.25	2.8/4.0	3.1/4.2	3.5/5.1	3.9/4.5	4.3/6.5	4.6/6.2	5.5/6.3	5.7/0.0	5.5/0.0	4.0/0.0	4.7/0.0	4.8/0.0	5.2/0.0	5.2/0.0	5.3/0.0
NTU	0.17	3.1/2.3	3.2/2.7	3.5/3.0	3.6/4.2	4.2/3.5	3.8/4.6	4.1/5.9	4.6/5.6	5.3/5.9	3.8/6.0	3.4/6.2	4.5/6.5	3.8/6.6	3.3/6.8	3.9/7.0
OAK	-0.13	4.0/2.5	4.3/4.7	4.7/4.0	5.5/4.2	5.7/4.8	6.1/4.8	5.4/4.6	4.9/5.9	5.6/5.8	6.0/5.7	6.1/5.7	6.2/5.7	6.2/5.6	6.1/5.5	5.8/5.4
OKC	-0.08	2.5/1.5	2.9/2.7	3.2/2.7	3.6/2.7	4.1/2.5	3.5/3.5	4.8/3.8	6.5/6.0	7.4/6.2	5.8/6.3	5.6/6.6	5.7/6.8	5.9/7.1	5.1/7.2	4.8/7.5
OMA	0.13	4.7/3.1	4.5/3.8	6.0/4.1	5.7/5.5	5.1/5.6	4.7/6.4	6.3/6.5	5.3/9.1	6.0/9.3	5.9/9.4	6.9/9.7	7.5/9.9	7.1/10.0	7.0/10.4	6.1/10.6
ORD	0.02	3.5/2.5	3.8/3.1	3.7/4.0	5.0/5.8	5.1/5.1	5.5/3.8	5.3/5.0	4.3/4.3	2.9/4.2	4.4/4.6	4.9/5.0	3.7/4.9	5.0/5.3	4.4/5.6	4.0/5.6
ORH	0.00	3.4/3.0	3.3/4.1	3.4/4.6	4.4/5.1	6.1/7.4	7.8/9.1	8.8/7.8	9.1/8.3	9.1/8.2	7.8/8.3	8.5/8.1	8.9/8.0	8.7/8.1	9.0/8.1	8.8/7.9
PDT	0.39	1.2/2.0	1.2/2.3	1.4/3.1	2.6/2.9	4.2/4.0	4.5/4.3	5.1/5.9	5.0/12.6	3.8/12.9	2.8/13.1	5.7/13.4	7.8/13.7	8.3/14.0	8.5/14.2	8.4/14.5
PDX	0.19	1.7/1.8	2.3/2.6	3.0/3.5	3.9/3.2	4.1/4.8	5.5/5.7	6.5/6.9	6.4/13.2	5.4/13.3	8.2/13.5	9.6/13.7	11.0/13.9	11.4/14.1	11.4/14.3	11.9/14.5
PHL	0.32	1.9/3.3	2.4/3.9	2.3/3.9	3.0/4.2	3.1/5.5	4.7/6.3	4.5/5.2	4.8/7.1	5.4/7.4	3.9/7.3	5.3/7.6	5.9/7.9	5.4/8.0	6.1/8.1	5.8/8.4
PHX	-0.01	2.2/1.1	2.2/1.3	1.9/1.3	2.6/1.4	3.4/2.0	4.1/2.2	4.1/2.8	3.2/5.3	2.9/5.7	2.7/6.1	2.3/6.4	2.2/6.8	2.3/7.1	2.4/7.4	2.7/7.8
PIR	-0.01	3.6/1.9	4.8/2.9	2.9/5.7	4.3/7.4	5.1/4.7	4.4/5.7	4.7/6.5	4.9/6.8	7.4/6.8	8.3/7.1	8.5/7.1	8.4/7.3	7.2/7.6	6.6/7.8	7.0/7.9
PIT	0.11	2.9/2.8	2.5/2.5	2.6/3.7	3.5/4.3	4.7/5.4	4.8/5.3	4.9/5.4	5.8/6.8	6.2/6.7	5.7/6.8	6.3/6.9	5.7/7.0	5.6/7.3	6.8/7.4	7.7/7.7
PVD	-0.14	4.1/1.6	3.2/2.9	3.8/3.2	3.3/4.4	5.1/6.6	7.3/8.6	7.7/7.1	8.1/7.4	7.9/7.3	7.2/7.4	7.4/7.3	8.4/7.0	8.0/7.1	9.1/7.2	7.9/7.2
PWM	0.03	1.9/2.0	2.9/2.4	3.4/4.4	4.3/5.1	5.7/7.2	6.8/8.3	8.1/8.0	8.4/8.1	8.4/8.2	7.9/8.3	8.3/8.3	8.6/8.4	8.6/8.5	8.8/8.5	8.7/8.6
RAL	-0.28	2.2/2.3	2.7/2.7	3.1/3.1	2.6/2.7	2.8/4.3	3.7/4.8	4.9/5.1	5.3/3.2	4.5/3.2	4.5/3.2	5.2/3.2	5.2/3.2	5.1/3.0	5.0/2.8	5.0/2.9
RAP	0.27	2.0/4.1	2.4/5.7	2.3/6.3	4.2/6.2	5.1/4.9	4.3/4.9	4.3/7.7	4.9/7.1	6.8/7.4	7.3/7.4	6.8/7.7	6.4/8.0	5.7/8.1	5.9/8.2	6.2/8.5
RBL	0.26	2.6/3.1	2.6/3.5	2.2/3.2	3.6/3.8	3.5/3.6	3.7/4.6	4.1/5.1	5.2/9.8	6.1/10.1	7.0/10.4	7.7/10.7	8.2/11.0	8.4/11.3	8.1/11.6	7.7/11.9
RDD	0.34	2.3/3.2	2.9/3.5	2.7/3.2	3.4/3.4	3.4/3.6	3.4/4.8	3.2/5.3	4.1/12.0	5.2/12.4	6.3/12.7	8.1/13.0	8.3/13.4	8.5/13.8	8.6/14.1	8.4/14.5
RDU	-0.33	3.3/1.7	3.8/1.1	2.8/0.8	2.7/1.8	3.8/1.2	2.9/2.6	3.3/2.5	4.3/5.7	4.1/6.0	3.3/6.2	3.3/6.4	3.1/6.6	2.7/6.8	2.1/7.1	2.3/7.3
RIC	0.02	3.9/3.3	4.2/2.4	4.3/2.3	4.3/3.4	4.5/2.8	3.8/2.8	4.4/4.3	4.1/7.2	5.7/7.4	4.7/7.6	4.7/7.9	4.8/8.2	4.3/8.4	4.6/8.6	4.2/8.9
RNO	0.42	1.2/1.6	1.1/2.6	2.1/1.7	2.0/2.3	2.1/2.6	2.6/3.3	3.2/3.7	3.3/10.2	3.7/10.5	4.0/10.8	4.5/11.1	4.5/11.4	4.4/11.7	4.6/12.0	4.6/12.4

ROA	0.03	3.3/1.6	2.9/2.1	2.5/2.3	2.5/3.2	3.2/3.1	2.8/3.1	3.1/3.3	2.8/2.8	3.0/2.8	1.3/2.9	1.7/3.2	3.1/3.4	3.0/3.6	3.2/3.7	2.5/4.0
ROC	-0.26	5.7/3.2	5.5/2.6	5.4/3.5	5.2/5.5	5.9/6.5	6.5/5.0	6.8/5.2	7.3/6.3	6.8/6.4	6.2/6.4	7.4/6.2	6.7/6.1	6.4/6.1	7.5/6.3	7.8/6.3
SAC	-0.02	4.6/3.9	4.8/5.3	4.5/4.9	4.8/5.4	5.0/6.1	5.6/6.7	6.6/6.8	7.0/7.1	7.2/7.3	7.6/7.3	8.3/7.2	8.6/7.1	8.5/7.3	8.0/7.2	7.8/7.1
SAN	-0.00	1.8/1.7	1.9/4.1	1.8/3.6	2.2/3.3	2.0/3.6	2.2/4.5	2.0/4.3	2.1/3.4	2.2/3.3	2.9/3.2	4.3/3.1	5.0/3.1	5.3/3.1	5.7/3.1	6.4/3.1
SAT	0.05	2.8/2.3	2.8/2.0	3.3/1.5	2.6/1.7	2.5/2.0	1.7/1.6	1.9/2.2	1.8/3.5	1.4/3.7	2.9/3.8	2.8/4.0	1.6/4.2	3.0/4.4	3.1/4.6	3.4/4.8
SAV	-0.91	4.1/1.6	4.0/1.3	4.4/2.0	6.9/2.5	6.1/2.9	6.3/2.9	6.0/4.1	7.0/3.8	7.5/3.8	6.8/3.8	6.4/3.8	5.9/4.0	5.2/4.0	4.8/4.0	4.5/4.2
SDF	0.12	2.2/1.5	2.8/1.6	3.1/2.8	2.7/2.2	2.5/2.7	2.9/1.8	2.3/3.0	3.3/5.4	3.6/5.7	3.2/5.8	2.9/6.0	2.6/6.3	3.6/6.6	3.5/6.8	3.7/7.1
SEA	0.28	2.0/1.4	2.1/2.5	2.0/3.5	2.2/3.9	4.0/5.4	5.2/5.6	7.2/6.0	7.3/9.0	5.1/9.2	3.0/9.4	4.0/9.6	5.5/9.8	5.7/9.9	6.2/10.1	6.1/10.3
SFO	-0.15	3.7/2.8	4.1/3.9	4.6/3.6	5.5/3.4	5.2/4.2	4.6/3.6	3.6/4.2	3.4/4.7	3.8/4.6	4.6/4.4	4.5/4.3	5.2/4.2	5.6/4.3	5.3/4.4	5.3/4.5
SJC	-0.02	4.3/2.3	3.7/3.3	2.7/3.1	2.1/3.1	2.3/3.9	3.6/4.0	4.6/4.1	4.0/5.0	3.8/4.8	4.4/4.6	5.0/4.4	5.3/4.4	5.4/4.5	4.9/4.6	4.8/4.7
SJT	0.15	3.5/3.0	2.6/2.8	3.1/2.5	3.5/3.4	3.5/3.7	2.8/4.1	4.6/4.9	5.0/5.4	4.0/5.4	4.4/5.4	4.4/5.6	3.8/5.8	3.9/6.0	4.0/6.1	3.7/6.1
SLC	0.31	1.7/1.7	1.5/1.4	2.1/1.6	2.6/3.2	3.3/3.2	2.3/3.5	2.3/3.8	2.9/7.7	3.9/8.1	4.6/8.3	4.8/8.7	4.6/8.9	4.4/9.2	4.4/9.6	4.1/10.0
SSI	-0.64	2.1/1.0	2.7/1.5	3.1/1.8	4.1/2.1	4.7/1.8	5.2/2.5	4.9/3.4	5.0/3.3	5.0/3.3	4.3/3.3	4.9/3.3	4.7/3.3	4.5/3.5	4.2/3.5	3.7/3.5
STL	0.17	3.7/3.1	3.2/3.8	3.9/4.9	3.6/5.2	4.1/3.8	5.3/5.0	4.5/5.7	6.3/6.8	6.4/7.1	5.4/7.0	5.4/7.3	4.9/7.6	6.0/7.7	5.4/8.0	5.1/8.3
SYR	-0.20	2.3/2.2	3.0/2.3	3.7/2.6	2.7/4.4	4.6/5.1	4.9/3.9	6.8/4.3	6.1/5.0	5.8/4.8	5.0/4.9	6.0/5.0	6.4/4.8	5.7/4.9	6.4/5.0	6.8/4.8
TLH	-0.44	2.9/2.2	3.2/2.1	2.7/1.6	3.0/2.7	3.2/3.2	3.5/2.7	3.6/2.3	4.4/3.1	4.2/2.9	4.7/2.9	4.4/2.7	4.3/2.7	4.3/2.9	4.3/2.9	4.4/3.1
TPA	-1.70	2.8/0.9	3.5/1.5	3.6/1.6	4.3/1.0	3.4/1.0	2.5/1.7	1.8/1.2	1.4/1.0	1.4/1.0	1.4/1.0	2.0/0.9	2.9/0.8	3.5/0.9	4.3/1.1	4.7/1.1
TRM	0.04	1.1/1.1	1.2/1.1	1.3/1.1	2.2/1.3	2.6/1.7	3.1/1.7	3.3/1.5	2.7/2.7	2.0/3.0	2.2/3.3	1.4/3.6	1.2/3.9	1.2/4.2	1.2/4.5	1.3/4.8
TUL	0.00	2.5/2.1	3.1/2.6	3.5/3.5	3.8/4.0	4.4/3.7	4.4/4.1	5.6/6.0	7.4/7.4	8.3/7.5	7.1/7.6	7.0/7.8	7.2/7.9	7.8/8.0	7.0/8.3	6.6/8.5
TUS	0.02	1.2/0.7	0.8/0.9	0.9/1.0	1.3/1.5	2.7/1.8	4.1/2.1	3.1/2.5	3.3/3.1	3.2/3.5	2.7/3.7	3.0/4.1	2.5/4.4	2.8/4.6	2.3/5.0	3.1/5.3
TYR	0.04	1.6/1.1	2.0/1.3	1.6/2.3	2.0/2.5	1.6/2.3	2.2/2.8	2.3/2.8	2.9/2.6	3.2/2.6	2.6/2.5	2.5/2.5	2.9/2.7	2.6/2.9	2.2/2.9	1.7/2.9
TYS	0.25	1.6/1.4	1.8/1.7	1.6/2.0	1.4/1.8	1.5/1.6	1.6/1.6	1.9/3.0	3.5/5.0	5.0/5.1	3.0/5.3	2.6/5.6	3.3/5.9	3.3/5.9	3.5/6.1	3.7/6.3
VCT	0.25	3.5/3.6	3.8/2.3	2.7/1.9	3.3/2.1	2.5/2.6	1.9/3.2	2.7/3.4	2.2/5.9	2.0/6.1	2.5/6.1	2.8/6.2	2.6/6.4	2.9/6.6	3.2/6.8	3.4/7.0
WJF	0.14	2.9/2.7	3.3/2.8	3.8/3.2	4.6/2.9	4.8/3.6	5.9/3.6	5.0/4.2	4.5/10.0	4.2/10.3	5.3/10.6	5.5/10.9	5.5/11.2	5.6/11.5	5.6/11.8	5.3/12.1
YKM	0.43	0.7/1.7	1.0/2.5	1.1/2.7	2.7/3.7	4.6/4.8	5.1/5.8	5.5/6.4	4.3/13.5	4.0/13.8	4.0/14.0	6.7/14.2	8.5/14.4	9.3/14.7	9.5/14.9	9.5/15.1
YNG	0.14	2.7/3.1	3.4/3.7	3.5/4.8	4.0/5.3	6.2/6.7	6.5/7.5	7.2/6.3	6.8/7.8	6.9/7.9	6.6/8.1	7.1/8.4	6.4/8.5	6.5/8.6	7.5/8.9	8.4/9.0
YQB	-0.48	4.6/0.0	4.5/0.0	3.7/0.0	4.4/0.0	4.0/0.0	3.9/0.0	7.0/0.0	6.4/5.3	7.2/5.1	6.5/5.0	7.1/4.8	6.8/4.6	6.5/4.5	7.5/4.3	7.3/4.1
YUL	-0.49	2.9/0.0	3.1/0.0	3.4/0.0	4.6/0.0	4.9/0.0	6.3/0.0	8.0/0.0	7.9/6.9	8.9/6.7	9.2/6.5	9.8/6.4	9.4/6.2	9.3/6.1	10.1/5.9	10.0/5.8
YVR	0.36	2.5/0.0	2.5/0.0	2.9/0.0	3.3/0.0	3.5/0.0	3.2/0.0	3.8/0.0	3.9/5.8	3.4/6.0	3.4/6.2	3.8/6.3	4.3/6.5	4.8/6.7	4.7/6.9	4.7/7.1
YXD	0.34	2.3/0.0	3.0/0.0	4.0/0.0	2.6/0.0	2.7/0.0	3.6/0.0	4.7/0.0	5.2/6.6	3.5/6.8	5.0/7.1	4.9/7.3	5.3/7.5	5.0/7.7	5.0/7.9	4.8/8.2
YYC	0.43	6.3/0.0	5.4/0.0	4.6/0.0	4.8/0.0	4.4/0.0	4.0/0.0	4.4/0.0	5.3/10.0	3.2/10.2	4.9/10.4	6.2/10.6	7.2/10.8	7.1/11.0	7.5/11.2	8.0/11.4
YYZ	-0.28	6.0/0.0	6.2/0.0	5.6/0.0	6.2/0.0	6.8/0.0	7.2/0.0	6.7/0.0	7.1/5.5	6.6/5.4	7.2/5.5	6.4/5.5	7.4/5.5	6.9/5.5	7.2/5.5	7.3/5.5

Bias (2009-05-23~2009-06-01)

	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	1.88	1.2/1.1	1.8/0.2	2.1/0.3	1.6/1.1	3.0/0.6	2.7/1.3	3.2/2.0	2.3/-1.7	0.3/-2.0	1.3/-2.3	1.7/-2.6	1.9/-2.9	1.7/-3.3	1.6/-3.6	1.9/-3.9
ABI	1.83	0.4/0.1	0.3/0.8	0.6/1.4	1.6/2.7	1.6/1.9	2.4/1.1	1.5/1.3	0.3/0.5	0.8/0.3	1.9/0.0	2.5/-0.2	2.6/-0.4	3.2/-0.6	3.5/-0.9	4.1/-1.1
ABQ	1.75	-1.1/-0.4	-1.9/1.3	-2.7/2.1	-2.3/1.0	-2.5/2.9	-1.8/4.0	-1.0/4.4	0.3/2.8	1.7/2.4	4.1/2.0	5.1/1.6	5.5/1.2	6.5/0.9	7.7/0.5	8.8/0.1
ABY	-3.29	-0.7/-0.4	-0.5/0.7	-1.8/0.9	-3.3/-0.8	-3.6/-1.3	-4.4/-0.7	-4.7/-0.7	-5.0/-1.5	-4.7/-1.7	-4.3/-1.9	-4.1/-2.1	-3.4/-2.4	-3.2/-2.6	-3.1/-2.8	-2.7/-3.0
ACT	-0.48	-0.2/-2.1	-0.5/-1.4	-0.2/-1.2	-0.3/-1.4	-0.4/-0.9	-0.5/-0.6	-0.4/-0.5	-1.2/-3.5	-1.9/-3.7	-1.1/-4.0	-0.4/-4.2	-0.4/-4.4	-0.1/-4.6	0.1/-4.9	0.3/-5.2
ACY	-0.45	-0.6/-1.1	-0.9/-1.2	-0.3/-1.5	-1.0/-0.3	0.3/-2.0	-0.1/-1.6	0.7/-1.7	-0.0/-4.3	-1.8/-4.6	-0.9/-5.0	-0.6/-5.3	-0.4/-5.6	-0.4/-5.9	-0.6/-6.2	-0.2/-6.5
ALB	3.90	-0.7/-0.3	-0.5/0.7	0.8/1.4	1.0/1.9	2.5/2.2	4.1/3.0	5.3/2.7	5.0/2.7	4.6/2.4	5.7/2.0	5.7/1.7	5.9/1.4	5.9/1.0	6.7/0.7	6.3/0.4
ALW	-2.52	0.6/-1.2	1.2/-1.1	0.3/-1.4	-1.1/-2.4	-1.8/-3.0	0.4/-4.4	1.1/-6.2	1.5/-12.0	0.1/-12.2	-2.4/-12.4	-5.4/-12.7	-7.4/-13.0	-8.3/-13.2	-8.4/-13.4	-8.3/-13.7
AOO	1.77	2.2/0.9	3.0/0.9	3.5/0.8	4.5/0.3	5.0/1.0	4.8/0.8	3.6/1.4	0.8/-0.6	-0.7/-0.9	-0.3/-1.2	-0.2/-1.5	0.2/-1.8	0.1/-2.1	-0.1/-2.4	0.1/-2.7
APN	6.47	0.8/0.6	1.6/0.4	2.8/1.2	5.8/0.0	6.5/1.5	8.4/-0.1	7.6/4.4	6.7/3.8	8.4/3.4	9.2/3.0	6.6/2.6	8.1/2.2	8.0/1.8	8.4/1.4	8.2/1.0
ATL	-4.20	-1.3/-1.1	-1.2/-0.3	-3.1/-0.4	-4.2/-0.7	-4.0/-0.5	-4.8/-1.5	-6.5/-2.1	-5.9/-1.4	-6.8/-1.6	-5.3/-1.8	-5.0/-2.1	-4.3/-2.3	-3.6/-2.5	-3.4/-2.7	-3.3/-3.0
AUG	4.92	1.2/-0.8	0.7/-1.1	1.0/-0.4	1.5/-0.2	2.9/1.8	4.4/2.5	7.1/1.6	5.7/3.9	7.1/3.6	7.3/3.3	6.6/2.9	6.9/2.6	7.1/2.2	7.2/1.8	6.9/1.5
AUS	1.50	-0.6/-0.1	-0.3/0.8	-0.1/1.3	0.0/1.7	0.8/0.5	1.6/0.7	2.5/0.7	2.8/-2.9	2.1/-3.1	2.6/-3.3	2.0/-3.4	2.2/-3.6	2.4/-3.8	2.3/-4.0	2.4/-4.2
AVP	3.51	1.1/1.6	2.0/0.8	2.3/1.3	3.2/1.0	4.8/0.8	4.9/2.4	5.0/2.3	4.0/0.9	2.6/0.6	3.1/0.3	3.4/0.0	3.8/-0.3	4.1/-0.7	4.0/-1.0	4.2/-1.3
BDL	3.49	0.6/0.6	2.5/1.0	2.7/1.8	2.5/1.7	4.0/2.7	3.7/2.5	3.9/3.3	3.7/2.4	3.0/2.1	3.9/1.8	3.9/1.5	4.5/1.2	4.2/0.8	4.8/0.5	4.5/0.1
BFL	-1.06	-0.4/-0.6	-0.1/0.5	-0.3/-0.4	-0.9/-0.2	-1.6/-0.5	-2.1/-1.2	-2.1/-1.9	-1.3/-7.1	-1.4/-7.3	-0.7/-7.6	-1.0/-7.9	-0.8/-8.1	-1.1/-8.4	-1.0/-8.7	-1.2/-9.0
BGM	2.98	1.3/-1.0	1.2/-1.6	2.2/-1.0	2.4/0.3	3.3/-0.8	4.1/0.2	4.5/0.1	2.7/-0.7	2.0/-1.0	3.1/-1.3	3.4/-1.6	3.6/-2.0	3.7/-2.4	3.6/-2.7	3.6/-3.1
BHM	-2.23	-0.6/0.6	-0.1/0.2	-2.0/1.2	-2.4/1.1	-2.4/0.2	-2.8/0.3	-4.3/0.9	-3.9/-0.7	-5.3/-0.9	-2.8/-1.1	-2.3/-1.4	-1.8/-1.6	-1.1/-1.8	-1.0/-2.0	-0.7/-2.3
BIS	1.17	-0.4/0.5	-1.1/1.1	0.7/2.2	-0.0/1.5	0.4/2.4	1.7/2.4	1.3/2.0	2.5/-2.1	2.3/-2.4	1.4/-2.7	1.4/-3.1	2.1/-3.4	1.7/-3.7	1.7/-4.1	1.9/-4.4
BNA	-2.00	-0.1/0.0	0.2/-0.3	0.0/-0.1	-0.4/-0.1	-0.1/0.8	-0.2/-0.2	-2.2/-0.8	-4.3/-4.3	-6.1/-4.6	-3.6/-4.9	-3.0/-5.1	-3.1/-5.4	-2.3/-5.7	-2.2/-5.9	-2.6/-6.1
BOI	-1.54	-0.2/0.3	0.5/-0.6	0.2/1.1	-0.7/0.6	-1.4/-1.6	0.3/-2.9	0.0/-4.1	0.3/-13.4	-0.8/-13.7	-1.0/-14.0	-2.2/-14.3	-4.0/-14.6	-5.0/-14.9	-4.7/-15.2	-4.4/-15.5
BOS	3.64	0.4/-1.3	1.3/-0.5	1.9/0.8	2.2/0.2	4.0/2.2	3.8/2.8	4.3/0.9	4.2/0.8	3.9/0.4	4.2/0.1	4.4/-0.2	4.7/-0.6	5.0/-0.9	5.2/-1.2	5.2/-1.6
BRO	1.85	-0.0/2.5	-0.7/2.3	-1.2/3.5	-0.1/3.4	0.5/1.9	1.4/2.3	1.8/1.7	1.6/-1.7	1.7/-1.8	3.0/-1.9	3.6/-2.1	3.5/-2.3	3.9/-2.5	4.3/-2.7	4.5/-2.8
BTV	4.88	0.4/1.0	0.7/0.1	1.3/0.4	2.3/-0.7	3.6/1.2	4.7/2.9	6.4/2.9	5.9/4.6	5.7/4.3	6.6/3.9	6.7/3.5	6.8/3.2	7.0/2.8	7.8/2.4	7.3/2.0
BUF	0.67	-0.6/-3.1	-1.1/-3.3	-0.8/-3.5	-0.7/-5.1	0.9/-4.7	1.3/-3.3	1.9/-2.1	0.4/-2.5	-0.6/-2.9	0.9/-3.2	1.0/-3.5	1.7/-3.9	1.9/-4.2	2.1/-4.6	1.9/-5.0
BUR	4.66	1.5/2.4	2.2/5.3	2.2/6.2	1.3/5.8	1.8/4.7	1.9/4.6	3.2/6.2	4.2/5.1	4.0/4.9	4.9/4.8	7.3/4.7	8.3/4.6	8.5/4.5	9.0/4.4	9.5/4.3
BWI	-0.57	-1.2/-0.9	-1.1/-1.1	-0.8/-0.3	-0.2/0.5	0.7/-1.0	1.4/0.2	1.2/-0.6	-0.6/-3.3	-2.7/-3.6	-1.1/-3.9	-0.8/-4.2	-0.7/-4.5	-0.9/-4.8	-1.0/-5.1	-0.7/-5.4
CAE	-2.23	-0.4/0.4	-0.3/1.0	-0.8/0.5	-2.1/0.1	-1.3/-0.6	-1.8/-0.3	-2.9/-1.4	-4.2/-1.2	-4.9/-1.4	-3.7/-1.6	-3.1/-1.9	-2.7/-2.1	-2.0/-2.3	-1.7/-2.5	-1.7/-2.7
CHA	-2.22	-0.9/0.0	-0.9/0.2	-1.3/0.6	-2.0/0.0	-1.1/-0.3	-1.2/-0.5	-3.1/-0.9	-3.4/-3.1	-5.0/-3.3	-3.1/-3.5	-2.8/-3.8	-2.8/-4.0	-1.9/-4.2	-1.7/-4.4	-2.1/-4.7
CLE	0.22	1.1/-2.8	1.4/-3.7	0.9/-2.8	2.1/-4.3	2.2/-5.0	2.9/-3.9	1.4/-2.4	-2.0/-5.4	-2.9/-5.8	-0.8/-6.1	-1.2/-6.4	-0.7/-6.8	-0.3/-7.1	-0.5/-7.4	-0.2/-7.8
CLT	-1.72	-0.8/0.3	-1.4/0.9	-1.2/1.4	-1.5/0.6	-1.0/1.0	-1.1/0.1	-2.6/-1.4	-3.8/-1.8	-4.0/-2.1	-2.5/-2.4	-1.6/-2.6	-1.5/-2.8	-1.1/-3.0	-0.7/-3.3	-0.9/-3.5
CMH	-0.94	0.1/-1.8	0.1/-2.3	-0.1/-3.1	0.9/-4.1	1.0/-2.7	1.5/-4.0	0.4/-2.4	-3.5/-6.2	-4.4/-6.5	-2.1/-6.8	-2.4/-7.2	-1.7/-7.5	-1.3/-7.8	-1.4/-8.2	-1.3/-8.5
CON	5.52	1.0/0.9	1.3/1.3	1.9/3.1	2.5/2.9	5.4/4.4	6.0/4.0	7.9/4.7	7.4/5.2	7.4/4.9	6.7/4.6	6.9/4.3	7.0/3.9	6.9/3.5	7.4/3.2	6.8/2.8
COS	0.98	-0.8/1.6	-0.6/2.3	0.0/2.8	1.1/2.2	0.6/2.2	-1.1/1.3	-2.3/2.5	-4.1/-0.9	-1.5/-1.3	1.3/-1.6	2.0/-2.0	3.3/-2.3	4.4/-2.7	5.4/-3.1	7.2/-3.4
COU	-0.38	1.3/-0.5	1.1/-0.4	1.6/-0.6	2.1/-1.8	1.8/0.1	2.5/0.0	0.9/-0.8	-2.6/-3.8	-2.9/-4.1	-2.3/-4.4	-2.2/-4.7	-2.0/-5.0	-1.9/-5.3	-1.8/-5.6	-1.5/-5.8
COT	3.07	-0.5/2.2	-0.2/5.0	-0.1/4.5	-0.9/4.4	0.0/3.9	0.8/4.7	2.4/4.8	3.5/3.3	3.7/3.2	4.9/3.1	5.9/3.0	6.3/2.9	6.5/2.8	6.7/2.8	6.9/2.8
CRP	0.28	-0.3/-2.2	-1.0/-2.8	-1.7/-0.9	-1.4/-0.8	-0.8/-1.9	0.1/-1.7	-0.1/-1.6	0.1/-4.7	0.0/-4.9	0.9/-5.1	1.1/-5.3	1.4/-5.5	1.6/-5.6	2.1/-5.7	2.2/-5.9
CRW	1.10	1.4/0.3	2.0/0.0	2.8/0.8	3.3/0.5	3.4/0.1	4.2/-0.5	3.3/-0.3	0.0/-4.1	-1.4/-4.4	-0.6/-4.7	-0.2/-4.9	-0.4/-5.1	-0.4/-5.4	-0.5/-5.7	-0.4/-5.9
CVG	-0.21	0.5/-1.0	1.2/-1.4	1.0/-2.3	1.9/-2.3	1.9/-1.1	1.8/-2.0	0.5/-2.7	-2.9/-4.6	-3.6/-4.9	-1.5/-5.2	-1.1/-5.5	-1.1/-5.8	-0.7/-6.1	-0.6/-6.4	-0.6/-6.7
DAY	-2.33	-1.0/-4.3	-1.1/-5.0	-1.4/-5.1	-0.4/-5.8	-0.1/-5.4	-0.0/-5.6	-1.0/-5.1	-4.8/-9.0	-5.8/-9.3	-3.6/-9.6	-3.9/-9.9	-3.2/-10.2	-3.0/-10.5	-3.0/-10.9	-2.9/-11.2
DBQ	1.84	0.0/-0.1	0.3/-0.9	1.2/0.5	3.5/-1.3	2.7/-1.4	2.5/1.3	1.9/0.4	0.8/-1.1	1.5/-1.4	1.6/-1.7	1.7/-2.1	2.0/-2.4	2.3/-2.7	2.6/-3.1	3.1/-3.4
DCA	-1.09	-1.4/0.1	-1.5/-0.7	-1.3/0.2	-0.1/0.6	0.2/0.3	1.0/0.0	0.9/-0.5	-1.5/-2.6	-3.3/-2.9	-1.8/-3.2	-1.5/-3.5	-1.3/-3.8	-1.6/-4.1	-1.7/-4.4	-1.5/-4.7
DEC	-0.98	-0.2/0.3	0.2/-0.9	0.3/-1.7	1.4/-0.7	0.6/-1.2	0.4/-0.5	-0.4/-1.1	-4.1/-1.7	-3.7/-2.0	-2.4/-2.3	-2.2/-2.6	-1.9/-2.9	-0.9/-3.2	-0.8/-3.5	-1.0/-3.8
DEN	1.22	0.5/-0.4	0.5/2.2	1.5/2.2	2.3/2.4	1.4/1.9	-1.1/1.2	-2.0/2.2	-2.1/-1.2	0.1/-1.6	0.5/-1.9	1.3/-2.3	2.4/-2.7	3.1/-3.0	4.2/-3.4	5.8/-3.7
DFW	-2.98	0.7/-1.2	-0.0/-1.6	-0.7/-1.0	-1.2/-0.6	-2.2/-0.4	-2.1/-0.9	-2.5/-0.9	-4.6/-3.8	-6.0/-4.1	-5.2/-4.3	-4.6/-4.6	-4.6/-4.9	-4.7/-5.1	-3.7/-5.3	-3.2/-5.6
DLH	6.31	2.8/-0.4	3.4/0.6	4.8/1.0	7.0/1.6	4.8/1.8	6.0/1.9	7.7/4.3	8.2/4.0	8.1/3.6	6.9/3.3	6.9/3.0	6.9/2.6	6.9/2.3	7.0/1.9	7.3/1.5
DSM	3.15	2.0/1.2	2.8/1.1	4.1/1.8	5.6/0.9	4.2/0.8	4.1/0.6	2.3/0.5	1.5/-1.9	2.1/-2.2	2.6/-2.5	2.7/-2.9	2.8/-3.2	3.2/-3.5	3.2/-3.9	4.1/-4.2
DTW	0.25	0.6/0.4	0.4/-0.9	0.0/-0.3	1.8/-2.4	1.5/-2.6	1.5/-0.2	1.3/0.0	-1.4/-1.5	-1.1/-1.8	0.1/-2.1	-0.9/-2.5	-0.5/-2.9	-0.1/-3.2	0.3/-3.6	0.4/-3.9
ELP	0.26	-1.1/-1.8	-3.2/-0.9	-3.3/-0.1	-3.0/-1.5	-4.0/1.0	-3.1/1.3	-1.8/3.0	-0.5/-0.3	0.2/-0.7	2.2/-1.0	2.9/-1.3	3.1/-1.7	4.1/-2.0	5.2/-2.3	6.2/-2.7
ERI	1.25	-1.0/-2.0	-0.8/-2.2	-0.2/-0.6	1.1/-3.4	1.4/-2.3	3.2/-2.6	3.5/-2.3	0.8/-1.8	-1.0/-2.2	1.9/-2.5	1.2/-2.9	2.0/-3.3	2.2/-3.6	2.1/-4.0	2.2/-4.4
EUG	-6.40	-1.2/-1.2	-2.4/-1.7	-3.3/-1.3	-3.7/-1.5	-4.0/-2.7	-4.6/-3.6	-4.3/-5.5	-4.7/-10.1	-6.1/-10.3	-8.5/-10.4	-10.1/-10.6	-10.3/-10.8	-10.7/-11.0	-11.2/-11.2	-11.0/-11.4
EVV	-0.61	0.6/-0.6	1.0/-1.1	1.8/-1.6	1.2/-1.5	1.1/-0.1	1.5/-1.2	0.6/-2.0	-2.6/-3.8	-3.0/-4.1	-2.5/-4.5	-2.0/-4.8	-2.0/-5.1	-1.7/-5.5	-1.8/-5.8	-1.5/-6.1
EWR	-0.03	-2.7/-1.9	-2.3/-1.6	-1.8/-1.6	-2.5/-1.3	-1.0/-1.4	-0.4/-1.0	0.3/-1.1	0.6/-3.4	-0.4/-3.7	1.3/-4.0	1.4/-4.3	1.9/-4.6	1.6/-4.9	1.8/-5.2	1.8/-5.5
FAR	-0.87	-0.8/-1.5	-1.7/-0.1	-0.5/-0.6	-0.0/-0.7	-0.8/-2.3	-0.9/-0.5	-0.6/1.9	-0.8/-1.0	-0.4/-1.3	-1.7/-1.6	-1.5/-1.9	-0.9/-2.3	-1.1/-2.7	-1.0/-3.0	-0.4/-3.4
FAT	-2.41	-0.4/0.3	-0.3/0.5	-1.0/0.9	-1.1/-0.2	-1.5/-0.3	-1.9/-0.7	-2.3/-2.1	-1.9/-8.0	-2.3/-8.3	-3.3/-8.6	-4.2/-8.9	-3.8/-9.1	-4.1/-9.4	-3.9/-9.7	-4.2/-10.0
FLG	5.81	0.5/2.0	0.8/2.9	1.4/3.6	1.7/3.8	1.5/4.3	1.8/4.3	3.8/6.7	6.9/1.4	8.4/1.0	9.8/0.7	10.4/0.3	10.0/-0.1	10.2/-0.4	9.8/-0.8	10.1/-1.1
FMY	-2.77	-1.3/-1.9	-1.9/-2.3	-1.4/-2.7	-2.1/-2.8	-3.2/-2.3	-3.7/-1.9	-3.7/-1.8	-4.1/-0.1	-4.1/-0.2	-3.9/-0.3	-3.1/-0.4	-2.6/-0.5	-2.3/-0.6	-2.3/-0.8	-1.9/-1.0
FSD	2.15	1.0/-1.1	1.7/-1.5	2.2/0.3	3.2/-0.6	2.4/-1.4	0.9/-0.6	0.3/0.9	1.2/-2.9	1.5/-3.2	1.7/-3.6	2.3/-4.0	2.8/-4.3	3.2/-4.7	3.7/-5.0	4.2/-5.3
FWA	-2.53	-0.5/-3.6	-0.4/-4.4	-1.1/-4.5	0.1/-5.3	-0.4/-4.5	-1.1/-4.5	-2.2/-3.8	-5.9/-6.1	-6.4/-6.5	-4.0/-6.9	-4.0/-7.2	-3.4/-7.6	-2.9/-8.0	-2.9/-8.3	-2.8/-8.7

GAD	-3.37	-0.5/-0.4	-0.6/0.6	-2.4/0.6	-3.1/1.0	-3.0/0.1	-3.6/-0.2	-5.5/-0.2	-5.2/-0.8	-6.7/-1.1	-4.5/-1.3	-4.0/-1.5	-3.4/-1.7	-2.8/-2.0	-2.7/-2.3	-2.4/-2.5
GEG	-3.90	-0.1/0.7	-0.0/0.4	-0.9/-0.2	-2.3/-2.4	-3.0/-2.1	-0.6/-3.8	-0.5/-4.8	-0.1/-12.5	-1.5/-12.7	-4.6/-12.9	-6.5/-13.1	-8.7/-13.4	-9.8/-13.7	-9.8/-13.9	-10.1/-14.2
GTF	-1.46	-0.1/2.1	0.6/3.3	0.7/4.2	0.1/3.1	0.5/2.2	1.7/1.6	1.0/0.4	1.2/-8.5	0.3/-8.8	-1.6/-9.1	-3.1/-9.4	-4.7/-9.6	-5.4/-9.9	-6.8/-10.2	-6.5/-10.5
HOU	-0.35	0.3/-1.1	-0.7/-0.8	-1.7/0.3	-1.4/-0.2	-1.5/0.2	-0.6/-0.7	-0.1/-0.6	0.7/-1.8	0.0/-2.0	0.5/-2.2	0.1/-2.4	-0.0/-2.6	-0.3/-2.8	-0.3/-3.0	-0.2/-3.3
HSV	-2.56	-0.7/0.0	-0.4/-0.3	-1.1/0.3	-2.2/-0.7	-1.4/0.5	-1.3/-0.7	-3.5/-0.3	-3.8/-2.6	-6.1/-2.9	-3.9/-3.2	-3.3/-3.4	-3.4/-3.6	-2.4/-3.9	-2.3/-4.1	-2.6/-4.3
IAH	0.17	0.8/-0.1	-0.3/0.2	-0.7/0.5	-0.4/-0.2	-0.1/0.5	0.3/-0.2	0.7/0.2	1.2/-2.4	0.4/-2.6	0.3/-2.8	0.4/-3.0	0.0/-3.2	0.1/-3.4	-0.3/-3.6	0.0/-3.8
ICT	-2.88	-1.0/-2.0	-2.0/-1.7	-1.9/-1.7	-1.8/-1.6	-2.8/-2.1	-1.8/-2.7	-2.9/-4.7	-6.0/-7.4	-6.0/-7.8	-4.2/-8.2	-3.4/-8.5	-3.0/-8.9	-2.9/-9.3	-2.1/-9.6	-1.3/-9.9
ILG	-1.13	0.2/-2.3	0.2/-3.1	0.1/-2.4	0.5/-1.3	0.7/-3.1	0.5/-1.8	0.5/-2.3	-1.5/-4.4	-3.9/-4.7	-2.6/-5.0	-2.3/-5.3	-2.2/-5.6	-2.4/-5.9	-2.5/-6.2	-2.3/-6.5
IND	-0.83	1.1/-1.6	1.5/-2.4	1.1/-3.4	1.5/-3.3	0.9/-2.7	0.3/-2.7	-0.8/-3.0	-4.8/-5.5	-4.8/-5.8	-2.5/-6.1	-2.0/-6.4	-1.4/-6.8	-0.8/-7.1	-1.0/-7.4	-0.7/-7.8
IPT	3.93	2.6/1.0	3.3/1.0	3.7/1.1	4.8/0.7	5.8/2.0	5.9/2.4	5.7/2.0	4.4/-0.1	2.1/-0.4	3.3/-0.7	3.3/-1.0	3.6/-1.3	3.6/-1.6	3.5/-1.9	3.4/-2.2
JAN	-1.64	-0.9/0.9	-1.6/0.6	-2.3/0.6	-2.9/1.3	-2.9/0.4	-2.5/1.6	-2.8/1.0	-2.4/-1.1	-3.9/-1.3	-1.0/-1.5	-1.0/-1.8	-0.7/-2.1	-0.3/-2.3	0.0/-2.5	0.6/-2.8
JAX	-3.32	-2.3/-0.7	-2.6/-0.7	-2.9/-0.8	-4.4/-0.8	-4.5/-1.8	-4.7/-0.5	-3.6/-2.4	-3.3/-1.5	-3.9/-1.7	-3.8/-1.9	-3.5/-2.1	-3.1/-2.2	-2.6/-2.4	-2.4/-2.6	-2.0/-2.8
JFK	0.24	-0.1/-0.9	-0.6/-0.5	-0.0/-0.7	-0.4/0.3	0.7/-0.5	0.4/-0.2	0.7/0.9	0.7/-1.8	-0.3/-2.1	-0.4/-2.4	-0.1/-2.7	0.4/-3.0	0.8/-3.3	0.8/-3.7	0.8/-4.0
LAN	-1.36	-1.6/-2.8	-1.3/-3.2	-1.0/-2.3	0.5/-3.7	0.5/-4.2	0.1/-3.2	-0.7/-2.8	-3.4/-2.3	-3.0/-2.7	-2.3/-3.0	-2.3/-3.3	-1.8/-3.7	-1.6/-4.0	-1.3/-4.4	-1.2/-4.8
LAS	0.89	-0.4/0.7	0.1/0.1	0.6/2.1	0.1/0.3	-0.5/-1.3	-0.5/-1.4	0.2/0.2	1.0/-5.6	1.4/-6.0	2.5/-6.4	2.3/-6.7	1.9/-7.1	1.9/-7.4	1.5/-7.7	1.3/-8.1
LAX	1.24	-0.3/2.2	-0.2/3.2	-0.3/3.5	-0.3/2.8	-0.2/3.4	-0.2/2.7	0.6/3.7	1.0/2.1	1.5/2.0	2.0/1.9	2.5/1.8	2.9/1.8	3.1/1.8	3.0/1.8	3.6/1.8
LEX	-1.18	-0.1/0.2	-0.1/-0.5	0.3/-0.3	1.6/-0.2	1.4/0.9	1.7/-0.6	0.4/-1.2	-3.0/-5.0	-3.9/-5.3	-2.9/-5.6	-2.5/-5.9	-2.8/-6.2	-2.5/-6.4	-2.7/-6.7	-2.5/-7.0
LFK	1.07	0.6/0.9	0.1/-0.1	0.1/1.7	0.3/1.6	0.1/1.8	0.9/1.3	0.7/0.7	1.4/-1.6	0.4/-1.8	1.3/-2.0	1.9/-2.2	1.8/-2.4	2.2/-2.6	2.0/-2.8	2.3/-3.0
LGA	1.72	-1.6/0.3	-1.0/0.8	-0.6/0.9	-0.9/0.4	1.2/0.7	1.8/0.6	2.4/1.8	2.3/-0.7	1.3/-1.1	3.2/-1.4	3.2/-1.7	3.8/-2.1	3.5/-2.4	3.7/-2.7	3.7/-3.1
LGB	3.03	-0.7/2.0	-0.0/3.1	-0.3/4.7	-1.4/3.6	-0.9/5.0	-1.0/4.6	0.6/4.8	1.9/4.3	2.0/4.2	4.4/4.1	6.7/4.1	7.9/4.1	8.1/4.1	8.6/4.0	9.4/3.9
LIT	-3.07	0.3/-0.3	-1.3/-1.4	-1.7/-0.7	-1.9/0.6	-2.8/1.3	-2.5/0.4	-3.5/-1.1	-4.9/-2.5	-8.3/-2.7	-4.4/-3.0	-3.6/-3.3	-3.5/-3.6	-3.2/-3.8	-2.8/-4.1	-1.9/-4.4
LNS	-0.98	-1.3/-1.2	-1.0/-2.1	-0.9/-1.5	-1.0/-0.7	0.4/-1.3	0.5/-0.9	0.3/-1.0	-1.0/-5.6	-2.9/-6.0	-1.5/-6.3	-1.3/-6.6	-1.1/-7.0	-1.3/-7.3	-1.5/-7.7	-1.2/-8.1
MAF	1.36	0.5/-1.2	-0.2/0.7	-1.3/1.8	-0.6/0.8	0.4/1.0	0.8/1.6	0.1/0.3	-1.1/0.1	-0.5/-0.1	1.6/-0.4	2.8/-0.7	3.5/-0.9	3.9/-1.1	5.0/-1.4	5.6/-1.7
MBA	5.55	-0.3/1.0	0.6/1.3	1.4/2.2	1.9/2.5	4.4/4.5	5.2/4.0	6.6/3.8	6.4/3.0	6.4/2.7	7.9/2.4	8.3/2.1	8.3/1.8	8.4/1.5	9.0/1.2	8.6/0.8
MCI	0.46	1.3/-0.1	1.1/0.2	2.2/0.5	2.7/-1.0	1.5/1.1	1.9/-0.1	0.5/-1.7	-1.2/-4.3	-1.0/-4.6	-1.5/-4.9	-0.8/-5.2	-0.5/-5.5	-0.3/-5.8	0.2/-6.1	0.8/-6.5
MCN	-3.12	-0.9/1.8	-1.2/2.6	-2.8/2.7	-2.9/2.1	-2.8/1.5	-4.0/0.6	-4.3/0.7	-4.7/-0.8	-4.7/-1.1	-4.4/-1.3	-3.7/-1.5	-3.2/-1.8	-2.5/-2.1	-2.3/-2.3	-2.0/-2.5
MCO	-2.08	-1.2/-0.2	-1.0/0.7	-1.1/0.3	-2.3/-0.6	-2.9/0.0	-3.0/0.4	-3.0/-0.6	-2.8/1.4	-2.6/1.3	-2.7/1.2	-2.5/1.1	-2.1/1.0	-1.6/0.9	-1.6/0.7	-1.0/0.5
MDT	1.22	0.5/0.8	1.6/0.2	1.9/1.2	2.5/0.9	3.6/1.0	3.5/1.5	2.9/1.0	1.2/-1.3	-0.4/-1.6	-0.1/-1.9	-0.0/-2.2	0.3/-2.5	0.2/-2.8	0.2/-3.1	0.4/-3.4
MEM	-1.71	-0.2/-1.0	-0.2/-0.8	-0.2/-1.1	-0.2/0.2	-0.3/0.9	-0.1/0.6	-1.4/-0.3	-3.1/-3.1	-5.6/-3.4	-3.2/-3.7	-2.3/-3.9	-2.4/-4.2	-2.0/-4.5	-2.2/-4.7	-2.2/-5.0
MHT	5.11	0.6/0.3	0.8/0.8	1.4/2.3	2.0/2.5	4.8/4.6	5.4/3.1	7.1/4.3	7.0/2.5	7.0/2.1	6.5/1.8	6.7/1.4	6.7/1.0	6.7/0.7	7.2/0.3	6.7/-0.1
MIA	-0.40	-0.1/-0.2	-0.1/-0.7	0.4/-1.0	0.2/-0.7	-0.4/-0.8	-0.7/-0.2	-0.4/-1.0	-0.3/0.1	0.1/0.0	-0.2/-0.1	-1.0/-0.2	-0.8/-0.3	-0.7/-0.4	-1.0/-0.5	-0.9/-0.6
MKE	4.24	2.4/-1.0	3.3/-2.5	4.3/-1.0	5.9/-1.0	6.4/-0.9	5.0/-1.2	4.6/0.7	3.8/1.9	4.1/1.6	3.7/1.2	3.7/0.8	3.7/0.5	4.2/0.1	4.2/-0.3	4.4/-0.7
MOB	-0.73	-0.7/0.7	-0.2/-0.4	-1.3/0.4	-2.1/0.3	-2.4/0.6	-2.4/0.4	-2.1/-0.4	-1.2/-0.4	-1.1/-0.6	-0.4/-0.8	-0.1/-1.0	0.3/-1.3	0.5/-1.5	0.8/-1.7	1.4/-1.9
MSP	3.59	2.4/-2.1	2.5/-1.6	4.6/-1.4	6.5/-1.0	4.5/-0.9	2.5/-1.4	4.0/0.4	3.2/-2.2	4.3/-2.5	2.9/-2.8	2.9/-3.2	3.6/-3.5	3.0/-3.9	3.5/-4.3	3.6/-4.6
MSY	-0.27	-0.8/0.0	-1.1/-1.0	-1.5/-1.1	-2.3/0.0	-2.2/-0.3	-1.3/-0.1	-0.2/-0.1	0.4/-0.3	0.8/-0.5	0.9/-0.6	0.5/-0.8	0.7/-1.0	0.5/-1.2	0.5/-1.4	1.0/-1.7
MWL	-0.67	0.0/-3.0	-0.5/-2.5	-0.2/-1.4	-0.4/-1.3	-0.8/-0.7	-0.5/-2.1	-0.6/-2.0	-2.1/-1.1	-2.0/-1.3	-1.1/-1.5	-0.6/-1.8	-0.7/-2.0	-0.8/-2.2	-0.2/-2.4	0.4/-2.6
NKX	4.43	2.1/3.6	3.0/4.0	3.5/4.9	3.9/4.3	4.3/6.3	4.6/6.2	5.5/6.3	5.7/0.0	5.5/0.0	3.8/0.0	4.5/0.0	4.6/0.0	5.1/0.0	5.2/0.0	5.3/0.0
NTU	-1.63	-1.0/-1.5	-1.7/-0.7	-1.7/-0.2	-1.8/0.0	-1.3/-0.5	-1.0/-2.4	-1.4/-3.1	-2.0/-4.8	-3.0/-5.1	-2.1/-5.4	-2.1/-5.6	-2.1/-5.9	-1.4/-6.2	-0.9/-6.4	-1.0/-6.6
OAK	4.75	1.8/1.1	2.7/4.1	3.2/3.6	4.5/3.6	5.3/4.2	5.8/4.4	5.3/3.8	4.9/5.5	5.6/5.4	5.3/5.3	5.4/5.3	5.5/5.3	5.4/5.2	5.4/5.1	5.2/5.0
OKC	-2.55	1.1/-0.7	0.4/-0.5	-0.3/-0.7	-1.0/0.7	-1.9/1.1	-1.1/-1.3	-2.7/-1.2	-5.6/-4.0	-6.6/-4.2	-4.5/-4.5	-4.0/-4.8	-3.9/-5.0	-3.7/-5.3	-2.9/-5.6	-1.8/-5.9
OMA	0.89	3.7/-0.7	3.9/-0.4	5.4/1.1	5.1/-1.1	2.6/-0.8	1.4/-1.4	-0.9/-0.9	-1.5/-4.5	-1.2/-4.9	-1.3/-5.2	-1.1/-5.5	-1.2/-5.9	-0.8/-6.2	-0.6/-6.6	0.1/-7.0
ORD	1.43	1.6/-0.5	1.9/-0.5	2.2/-1.6	4.4/-0.2	2.9/-1.7	3.2/-1.2	2.0/-2.2	-0.8/-1.5	-0.2/-1.8	0.0/-2.2	0.1/-2.6	0.6/-2.9	1.1/-3.3	1.1/-3.6	1.3/-4.0
ORH	3.62	-0.6/0.4	-0.8/0.9	-0.1/1.4	0.5/1.9	3.2/3.4	4.0/2.5	5.5/1.6	5.0/2.5	5.2/2.2	5.1/1.9	5.3/1.5	5.3/1.2	5.3/0.9	6.0/0.5	5.5/0.1
PDT	-2.62	1.0/1.6	1.0/1.3	-0.0/0.5	-1.5/-0.7	-1.6/-1.4	0.6/-2.3	1.2/-5.1	1.1/-12.6	-0.3/-12.9	-2.1/-13.1	-5.7/-13.4	-7.8/-13.7	-8.3/-14.0	-8.5/-14.2	-8.4/-14.5
PDX	-6.12	-0.7/-1.2	-1.6/-2.6	-2.6/-3.3	-3.5/-3.2	-3.3/-4.2	-3.5/-5.1	-3.7/-6.5	-4.5/-13.2	-4.9/-13.3	-8.2/-13.5	-9.6/-13.7	-11.0/-13.9	-11.4/-14.1	-11.4/-14.3	-11.9/-14.5
PHL	-1.00	-0.4/-1.3	-0.1/-2.7	0.1/-2.3	-0.6/-1.6	0.3/-2.9	0.0/-1.5	0.7/-1.8	-0.7/-5.9	-3.1/-6.2	-2.2/-6.5	-1.7/-6.8	-1.7/-7.1	-1.9/-7.4	-2.1/-7.7	-1.7/-8.0
PHX	-0.03	-1.5/-0.1	-0.7/-0.5	-0.8/0.1	-1.3/0.6	-1.9/0.4	-2.8/1.2	-2.1/2.4	0.1/-5.3	1.5/-5.7	1.8/-6.1	1.3/-6.4	1.2/-6.8	1.6/-7.1	1.4/-7.4	1.8/-7.8
PIR	0.89	-1.1/0.7	-1.6/2.5	-0.6/3.5	-0.7/1.4	-1.2/2.1	-1.1/2.5	-1.1/2.1	2.3/-2.0	1.8/-2.4	1.2/-2.7	1.7/-3.1	2.7/-3.5	3.3/-3.8	3.7/-4.2	4.0/-4.5
PIT	0.68	0.9/-1.8	1.0/-2.1	1.3/-1.1	2.3/-2.3	3.2/-1.0	3.5/-1.9	2.7/-1.6	-0.3/-4.6	-2.0/-4.9	-0.6/-5.2	-0.6/-5.5	-0.1/-5.8	-0.2/-6.1	-0.5/-6.4	-0.4/-6.7
PVD	2.59	-1.8/0.2	-0.2/0.9	0.3/1.0	0.2/1.6	1.5/1.8	1.6/2.6	2.3/1.1	2.8/0.6	2.0/0.3	4.6/0.0	4.7/-0.3	5.1/-0.6	4.9/-0.9	5.6/-1.2	5.3/-1.6
PWM	4.55	-0.0/-1.0	0.2/-1.2	1.0/0.2	1.7/-0.5	3.9/1.6	3.9/1.5	5.9/1.6	5.5/1.3	5.9/1.0	6.4/0.7	6.5/0.3	6.7/0.0	6.7/-0.3	7.2/-0.7	6.7/-1.0
RAL	2.66	0.6/0.5	0.9/2.7	1.0/3.1	0.2/2.5	0.7/4.3	0.8/3.6	1.6/4.5	3.6/1.2	2.8/1.0	4.1/0.8	4.9/0.6	4.8/0.4	4.7/0.2	4.6/0.0	4.5/-0.1
RAP	1.33	-0.1/1.9	-0.1/4.3	0.4/5.1	-0.1/2.8	-0.8/3.5	1.1/2.7	0.9/4.3	3.7/-4.1	2.9/-4.4	1.5/-4.8	1.1/-5.1	1.1/-5.4	1.3/-5.7	3.2/-6.0	3.7/-6.3
RBL	-3.11	-0.3/-2.1	-0.2/-2.1	-0.6/-1.4	-1.6/-1.8	-1.9/-1.2	-2.2/-2.0	-2.1/-3.1	-2.2/-9.8	-3.1/-10.1	-4.0/-10.4	-5.2/-10.7	-5.2/-11.0	-5.9/-11.3	-5.9/-11.6	-6.1/-11.9
RDD	-3.65	0.2/-2.8	-0.0/-2.9	-0.9/-2.4	-2.2/-2.8	-2.3/-3.0	-2.3/-4.2	-1.7/-5.3	-1.7/-12.0	-3.3/-12.4	-4.2/-12.7	-6.5/-13.0	-6.7/-13.4	-7.6/-13.8	-7.8/-14.1	-7.7/-14.5
RDU	-1.64	-0.2/-1.1	-0.9/-0.1	-0.5/0.0	-1.4/-0.2	-0.9/0.0	-1.2/-1.6	-2.2/-2.3	-3.3/-5.7	-3.6/-6.0	-2.7/-6.2	-1.8/-6.4	-1.8/-6.6	-1.4/-6.8	-1.1/-7.1	-1.4/-7.3
RIC	-3.38	-1.4/-1.5	-1.9/-1.2	-2.1/-1.5	-2.2/-0.8	-2.3/-1.0	-2.1/-2.4	-2.5/-2.7	-4.0/-7.2	-5.7/-7.4	-4.7/-7.6	-4.7/-7.9	-4.7/-8.2	-4.3/-8.4	-4.0/-8.6	-4.1/-8.9
RNO	-0.66	-0.3/0.4	-0.1/2.0	-0.6/1.1	-0.9/-0.3	-0.5/-0.2	-0.2/-1.3	0.2/-1.1	1.0/-10.2	0.6/-10.5	-0.5/-10.8	-1.3/-11.1	-1.5/-11.4	-2.0/-11.7	-1.8/-12.0	-1.9/-12.4

ROA	0.34	-0.3/1.0	-0.6/1.1	-0.1/1.7	1.2/2.0	1.3/2.5	1.6/1.5	0.2/-1.1	-0.6/-2.0	-1.4/-2.2	0.5/-2.5	0.4/-2.8	0.5/-3.0	0.7/-3.2	0.9/-3.5	0.7/-3.8
ROC	2.15	1.7/-0.4	1.6/-0.6	2.2/-0.1	1.7/-2.7	2.3/-0.7	2.9/-1.2	2.7/-1.0	1.0/0.7	0.7/0.4	2.3/0.0	2.4/-0.4	2.5/-0.7	2.8/-1.1	2.7/-1.5	2.7/-1.9
SAC	1.64	2.4/-0.3	3.3/1.9	3.3/0.9	3.1/0.8	2.6/1.5	2.5/1.5	2.4/-0.2	2.0/-3.3	1.6/-3.5	0.9/-3.7	0.1/-4.0	0.1/-4.3	0.2/-4.5	0.2/-4.8	-0.0/-5.1
SAN	2.19	-1.0/1.5	-0.6/4.1	-0.3/3.6	-0.6/3.3	-0.1/3.6	0.4/4.5	1.3/4.3	2.1/3.4	2.1/3.3	2.9/3.2	4.3/3.1	5.0/3.1	5.3/3.1	5.7/3.1	6.4/3.1
SAT	0.16	-2.6/-1.9	-2.4/-0.8	-1.9/-0.1	-1.8/-0.1	-0.9/-1.4	-0.1/-0.4	0.5/-1.0	0.6/-3.5	0.1/-3.7	1.1/-3.8	1.5/-4.0	1.3/-4.2	2.0/-4.4	2.2/-4.6	2.7/-4.8
SAV	-4.14	-2.7/-0.6	-3.0/-0.3	-3.5/0.0	-5.7/-0.3	-4.7/-0.7	-4.9/-0.5	-5.5/-1.1	-5.8/-0.6	-6.6/-0.8	-5.1/-1.0	-4.1/-1.2	-3.4/-1.4	-2.7/-1.6	-2.4/-1.8	-2.1/-2.0
SDF	-0.40	0.7/0.9	1.2/0.2	2.0/0.0	1.6/0.6	1.7/1.9	1.9/0.0	0.6/-0.8	-2.1/-5.2	-2.8/-5.5	-1.9/-5.8	-1.8/-6.0	-2.0/-6.3	-1.8/-6.6	-1.6/-6.8	-1.6/-7.1
SEA	-1.22	0.5/-0.4	0.9/-1.9	0.6/-2.1	-1.0/-2.1	0.1/-3.6	1.4/-3.2	2.1/-4.6	1.7/-9.0	0.3/-9.2	-1.2/-9.4	-3.9/-9.6	-5.0/-9.8	-5.0/-9.9	-5.0/-10.1	-4.9/-10.3
SFO	3.07	0.9/1.4	1.7/3.5	2.2/3.4	3.3/2.8	3.5/3.6	3.3/2.8	3.1/3.0	2.1/2.5	3.0/2.4	3.6/2.2	3.3/2.1	3.6/2.0	4.1/1.9	4.2/1.8	4.0/1.7
SJC	0.40	1.3/0.7	1.2/2.5	0.3/2.5	1.3/1.5	0.3/1.9	-0.0/1.4	-1.4/0.9	-0.9/3.0	-0.7/2.8	-0.1/2.6	0.5/2.4	0.9/2.2	1.1/2.1	1.2/2.0	1.1/1.9
SJT	-1.02	-0.8/-1.8	-1.9/-1.0	-2.2/-0.5	-1.0/-0.8	-1.1/-0.1	-1.1/-0.1	-1.6/-0.9	-2.7/-3.4	-2.4/-3.6	-1.1/-3.8	0.0/-4.0	-0.2/-4.2	-0.1/-4.4	0.3/-4.5	0.8/-4.7
SLC	-0.20	-1.5/-0.7	-0.6/-0.2	-0.5/0.6	-0.9/0.0	-1.6/1.0	-0.2/-1.1	0.7/-0.2	0.8/-7.3	0.6/-7.7	0.4/-8.1	0.4/-8.5	-0.2/-8.9	-0.2/-9.2	-0.2/-9.6	0.1/-10.0
SSI	-2.66	-1.0/0.0	-1.7/0.7	-2.3/0.2	-3.6/-0.9	-3.7/-0.4	-3.9/0.3	-2.9/-0.8	-2.5/-0.9	-2.9/-1.1	-2.8/-1.3	-3.1/-1.5	-2.8/-1.7	-2.5/-1.9	-2.2/-2.1	-2.1/-2.3
STL	-0.81	0.6/-0.9	0.1/-1.4	0.6/-1.9	1.0/-1.6	0.3/-0.8	1.2/-1.4	-0.1/-2.3	-4.2/-4.4	-4.5/-4.7	-2.4/-5.0	-1.7/-5.3	-1.5/-5.6	-0.5/-5.9	-0.6/-6.2	-0.5/-6.5
SYR	2.84	0.4/-0.2	0.6/-0.5	1.3/-0.8	1.0/-0.8	2.2/-0.5	3.9/0.5	4.5/0.3	2.7/0.4	2.0/0.0	3.0/-0.3	3.3/-0.6	3.9/-1.0	4.4/-1.3	4.6/-1.6	4.7/-2.0
TLH	-0.23	0.6/0.4	0.5/0.9	0.0/0.2	-2.3/0.3	-3.0/0.2	-2.5/0.5	-1.5/-0.3	-1.6/0.5	-1.4/0.3	-0.5/0.1	0.9/-0.1	1.3/-0.3	1.6/-0.5	2.0/-0.7	2.4/-0.9
TPA	0.73	0.4/0.1	0.3/-0.1	0.2/0.0	-1.1/0.0	-1.6/0.0	-1.4/0.5	-1.1/0.4	-1.0/1.0	-0.7/0.8	0.2/0.6	1.3/0.5	2.9/0.4	3.5/0.3	4.3/0.1	4.7/-0.1
TRM	-1.31	-0.9/-0.5	-0.6/-0.5	-0.8/-0.1	-2.2/-0.7	-2.3/-1.1	-2.3/-0.5	-2.0/-0.7	-2.2/-2.7	-1.7/-3.0	-2.2/-3.3	-0.9/-3.6	-0.6/-3.9	-0.4/-4.2	-0.4/-4.5	-0.1/-4.8
TUL	-2.75	0.4/-1.1	0.1/-0.6	-0.2/0.3	-0.9/0.4	-1.6/0.7	-1.4/0.1	-2.7/-2.0	-5.4/-3.8	-6.9/-4.1	-5.0/-4.4	-4.5/-4.6	-3.9/-4.9	-3.9/-5.2	-3.1/-5.5	-2.4/-5.7
TUS	0.59	-0.4/-0.1	0.3/-0.3	-0.1/-0.4	-0.5/0.5	-1.8/0.8	-3.5/1.5	-1.3/2.5	0.6/-2.5	1.7/-2.9	2.1/-3.3	2.1/-3.7	2.0/-4.0	2.5/-4.4	2.2/-4.8	2.9/-5.1
TYR	-0.13	0.5/0.3	0.4/0.1	0.5/1.7	0.5/1.9	0.2/1.9	0.4/1.6	-0.5/1.0	-0.8/-0.6	-2.2/-0.8	-0.6/-1.1	-0.4/-1.3	-0.4/-1.5	0.0/-1.7	0.1/-1.9	0.4/-2.1
TYS	-1.46	-0.3/0.0	-0.7/-0.1	-0.5/0.4	0.2/-0.6	0.8/0.2	0.5/-0.6	-0.9/-1.2	-3.2/-4.6	-4.9/-4.9	-2.5/-5.1	-2.2/-5.4	-2.7/-5.7	-1.8/-5.9	-1.7/-6.1	-2.1/-6.3
VCT	0.50	-0.9/-2.2	-0.7/-1.1	-0.8/0.1	-0.9/-0.9	-0.5/-0.8	0.3/-1.6	0.4/-1.6	1.2/-5.3	1.1/-5.5	1.4/-5.7	1.2/-5.8	1.5/-6.0	1.6/-6.2	1.4/-6.4	1.3/-6.6
WJF	-4.49	-2.3/-1.5	-2.9/-0.8	-3.7/-1.4	-4.6/-0.9	-4.8/-1.6	-5.9/-2.2	-4.9/-2.6	-3.7/-10.0	-4.1/-10.3	-5.3/-10.6	-5.0/-10.9	-4.9/-11.2	-5.0/-11.5	-5.1/-11.8	-5.3/-12.1
YKM	-3.63	0.6/-1.5	0.5/-1.9	-0.5/-1.9	-2.4/-2.5	-3.3/-3.2	-1.2/-5.0	-0.3/-6.0	-0.0/-13.5	-1.3/-13.8	-3.1/-14.0	-6.7/-14.2	-8.5/-14.4	-9.3/-14.7	-9.5/-14.9	-9.5/-15.1
YNG	0.64	-0.7/-1.3	-0.5/-1.3	-0.1/-1.8	1.0/-3.5	2.1/-2.9	3.2/-2.9	2.6/-2.1	0.3/-4.4	-0.8/-4.7	0.5/-5.1	-0.2/-5.4	0.4/-5.7	0.7/-6.0	0.6/-6.3	0.6/-6.6
YQB	3.99	-0.7/0.0	0.1/0.0	0.5/0.0	1.6/0.0	0.9/0.0	2.4/0.0	6.6/0.0	5.5/2.3	5.9/1.9	5.8/1.5	5.9/1.1	5.5/0.6	6.4/0.2	6.5/-0.3	7.0/-0.8
YUL	5.87	0.1/0.0	0.3/0.0	1.3/0.0	2.7/0.0	3.1/0.0	5.2/0.0	7.3/0.0	6.2/4.2	7.5/3.8	9.0/3.5	8.9/3.1	8.4/2.7	9.3/2.3	9.5/1.9	9.1/1.5
YVR	-2.55	-0.6/0.0	-1.0/0.0	-1.7/0.0	-2.1/0.0	-2.3/0.0	-2.1/0.0	-1.8/0.0	-1.5/-5.8	-2.8/-6.0	-2.9/-6.2	-3.3/-6.3	-3.8/-6.5	-4.3/-6.7	-4.2/-6.9	-3.8/-7.1
YXD	-0.87	-1.9/0.0	-1.6/0.0	-2.9/0.0	-1.8/0.0	-0.5/0.0	0.1/0.0	-0.1/0.0	1.2/-5.9	1.2/-6.1	1.6/-6.4	-0.3/-6.6	-1.0/-6.9	-2.2/-7.2	-2.3/-7.4	-2.4/-7.7
YYC	-3.42	-5.4/0.0	-4.4/0.0	-3.4/0.0	-3.9/0.0	-3.4/0.0	-1.6/0.0	-1.8/0.0	-1.8/-8.4	-0.7/-8.6	-1.4/-8.9	-3.4/-9.1	-4.3/-9.3	-4.8/-9.6	-5.2/-9.8	-5.8/-10.1
YYZ	5.30	4.4/0.0	5.3/0.0	5.2/0.0	5.2/0.0	5.9/0.0	5.6/0.0	5.7/0.0	4.8/2.1	4.5/1.7	5.7/1.4	5.0/1.0	5.7/0.7	5.6/0.3	5.8/-0.1	5.2/-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 MIN Temperature in ALL

MAE (2009-05-23~2009-06-01)

	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	0.23	2.2/0.0	1.7/3.1	2.6/4.0	3.0/4.7	3.2/4.5	3.0/5.6	3.2/6.1	5.7/6.0	6.6/5.9	5.5/6.0	4.9/6.0	5.4/5.9	5.2/6.0	5.3/6.2	6.5/--
ABI	-0.34	1.6/0.0	1.8/2.4	1.8/2.1	1.9/2.6	2.5/3.9	2.2/3.5	2.1/3.4	2.9/2.2	2.1/1.9	2.6/1.9	3.5/1.6	4.1/1.7	4.8/1.8	4.7/2.1	4.8/--
ABQ	-0.04	1.5/0.0	1.6/3.8	1.4/3.7	1.7/3.2	1.9/3.7	2.1/5.0	2.2/3.8	2.5/2.9	3.7/2.9	4.5/3.2	6.4/3.5	6.8/3.7	6.8/4.0	7.5/4.3	7.4/--
ABY	0.31	2.0/0.0	1.8/1.4	1.6/1.3	1.8/1.3	1.9/1.7	1.6/1.5	1.7/1.8	2.0/6.3	2.0/6.6	2.0/6.9	1.8/7.2	1.6/7.5	2.2/7.8	1.8/8.1	2.4/--
ACT	-0.12	1.8/0.0	1.8/2.0	2.1/2.5	2.6/2.3	2.3/3.5	2.1/3.2	2.4/3.4	3.2/3.3	3.5/3.4	4.1/3.3	5.2/3.3	5.2/3.4	5.7/3.3	5.5/3.6	5.9/--
ACY	0.18	3.3/0.0	3.3/2.4	3.8/2.7	3.7/4.7	4.4/4.9	4.6/5.1	4.0/5.1	4.6/7.0	5.7/7.1	5.2/7.4	4.6/7.7	4.9/8.0	4.9/8.2	4.8/8.5	5.1/--
ALB	0.14	1.7/0.0	1.8/3.5	2.2/4.1	2.6/4.7	3.2/4.6	3.3/6.3	4.9/5.9	6.8/6.1	7.1/6.0	5.5/5.9	6.1/5.8	6.6/5.9	5.7/5.8	6.7/5.7	7.6/--
ALW	0.55	1.8/0.0	1.9/2.1	2.0/1.9	1.1/2.9	1.7/3.9	1.7/4.1	2.8/4.7	2.7/9.6	3.1/9.9	2.5/10.1	2.2/10.3	2.5/10.5	3.5/10.7	3.8/10.9	4.5/--
AOO	0.08	3.0/0.0	2.9/3.1	3.9/2.9	3.8/3.8	4.5/4.6	4.1/4.7	4.5/5.7	4.9/6.1	6.2/6.1	5.7/6.0	5.1/6.1	5.2/6.3	5.3/6.6	5.4/6.7	6.1/--
APN	-0.21	2.6/0.0	2.9/2.9	2.8/3.1	3.0/2.2	4.1/4.3	3.5/4.7	5.0/4.6	5.2/4.4	5.5/4.3	5.7/4.2	6.0/4.3	5.6/4.2	6.3/4.1	7.0/4.2	7.0/--
ATL	0.12	2.3/0.0	2.3/1.3	2.5/1.3	2.2/1.5	2.2/1.3	1.4/1.8	2.3/2.7	2.5/4.5	2.8/4.6	2.2/4.9	1.6/5.2	1.8/5.3	1.8/5.6	1.9/5.9	2.7/--
AUG	-0.25	1.0/0.0	1.2/3.4	2.4/2.7	2.6/2.6	3.7/3.7	4.6/4.5	5.5/4.7	6.6/4.8	6.3/4.5	6.4/4.6	6.6/4.5	6.6/4.3	7.5/4.4	7.8/4.1	7.7/--
AUS	-0.49	2.3/0.0	2.4/3.1	2.7/2.5	2.6/2.5	3.0/2.0	2.7/2.6	2.8/2.5	4.1/2.8	3.8/2.6	4.6/2.6	4.3/2.5	4.6/2.3	4.8/2.3	5.1/2.2	5.0/--
AVP	0.08	3.0/0.0	1.8/3.3	2.4/3.4	3.0/4.9	3.9/4.6	3.9/5.5	5.7/5.8	7.2/5.8	7.1/5.7	5.3/5.8	5.5/5.7	6.1/5.8	5.9/5.9	7.0/6.0	7.3/--
BDL	0.13	1.5/0.0	1.7/2.4	1.9/3.6	1.8/4.1	2.9/4.6	3.9/4.7	3.1/5.5	4.5/4.7	5.3/4.6	5.0/4.3	4.5/4.4	4.3/4.5	5.0/4.6	5.7/4.7	6.2/--
BFL	0.42	1.7/0.0	2.1/1.6	1.6/2.1	1.3/2.3	1.6/2.5	2.4/3.2	2.6/3.6	2.6/7.5	2.7/7.7	2.9/8.0	2.9/8.3	3.3/8.5	3.8/8.7	4.5/9.0	4.3/--
BGM	-0.06	2.2/0.0	3.0/1.9	3.4/2.6	3.7/3.7	4.5/4.9	4.6/5.3	6.5/5.7	7.3/6.5	7.7/6.8	6.5/6.7	6.7/6.7	6.8/7.0	6.1/7.1	7.0/7.1	7.7/--
BHM	0.24	1.1/0.0	1.4/1.8	1.5/1.3	2.0/1.0	2.3/2.1	2.4/2.3	1.8/2.5	3.4/6.8	3.5/7.1	2.9/7.2	3.0/7.5	2.9/7.9	3.1/8.0	3.5/8.3	4.3/--
BIS	0.06	3.1/0.0	2.4/3.4	3.1/3.5	4.2/4.7	4.8/4.5	4.2/4.5	4.5/5.1	4.1/4.8	5.9/5.1	5.2/5.3	4.8/5.2	5.1/5.5	5.6/5.7	6.1/5.6	6.6/--
BNA	0.29	1.1/0.0	1.3/1.9	1.5/1.4	2.2/2.3	2.5/3.1	2.9/2.5	2.2/3.0	2.9/6.0	4.2/6.2	3.9/6.3	3.4/6.6	3.7/6.9	3.3/7.0	4.0/7.3	4.6/--
BOI	0.52	1.0/0.0	1.4/2.2	1.5/2.5	1.3/3.0	2.5/3.1	3.4/4.4	3.5/4.8	3.2/10.6	3.5/10.9	3.2/11.2	2.9/11.4	3.6/11.6	4.8/11.9	5.2/12.2	5.6/--
BOS	-0.42	1.6/0.0	2.2/3.2	2.7/3.5	3.3/3.9	3.9/4.0	4.3/4.6	4.6/4.8	5.2/2.7	4.7/2.6	4.3/2.5	4.4/2.6	4.5/2.5	4.9/2.4	5.2/2.3	5.0/--
BRO	-0.56	2.1/0.0	1.7/3.3	1.7/3.4	2.2/3.6	2.5/3.1	2.6/3.9	3.3/4.3	3.8/3.0	4.5/2.9	5.4/2.7	6.4/2.5	6.9/2.5	7.7/2.5	7.7/2.4	7.8/--
BTV	-0.04	2.9/0.0	3.3/2.3	3.2/2.7	3.0/3.9	3.5/4.8	4.6/5.0	5.4/4.9	5.7/5.4	5.5/5.7	6.0/5.6	5.7/5.4	6.1/5.7	6.0/5.6	5.8/5.4	6.1/--
BUF	-0.23	3.4/0.0	2.6/1.9	2.7/1.2	2.8/2.1	4.3/3.3	4.8/3.0	4.9/3.0	5.1/4.7	5.6/4.9	5.1/5.1	4.8/5.2	4.4/5.4	3.8/5.6	4.5/5.7	5.3/--
BUR	-0.92	1.6/0.0	2.1/0.4	2.3/0.9	2.0/1.8	1.6/0.6	1.5/0.8	1.3/0.5	2.0/3.1	2.9/3.2	4.5/3.3	5.2/3.4	5.3/3.5	5.7/3.6	5.7/3.8	5.3/--
BWI	0.30	1.8/0.0	2.5/2.6	2.9/3.2	3.1/4.2	2.9/4.5	3.2/4.4	3.0/5.0	4.3/5.6	4.7/5.8	4.2/6.1	3.5/6.4	3.8/6.5	3.9/6.8	4.1/7.1	5.1/--
CAE	0.08	1.9/0.0	2.0/1.4	1.9/1.8	2.4/2.2	2.6/2.5	2.7/2.3	3.2/2.0	3.5/5.8	4.7/6.1	4.7/6.4	4.4/6.7	4.6/7.0	4.3/7.3	4.1/7.6	5.0/--
CHA	0.38	1.8/0.0	1.8/1.7	2.1/2.2	2.5/2.6	2.7/3.6	2.6/3.6	2.3/3.4	2.6/6.1	3.3/6.4	2.8/6.7	2.9/7.0	3.0/7.3	2.8/7.6	3.4/8.0	4.2/--
CLE	0.30	2.5/0.0	2.4/2.6	2.0/2.0	2.2/3.6	2.0/2.9	2.5/3.1	2.1/3.3	3.2/6.0	5.0/6.1	5.1/6.2	3.6/6.4	4.2/6.5	3.1/6.8	4.0/7.2	4.4/--
CLT	0.03	2.3/0.0	2.8/1.7	2.9/2.9	3.7/3.1	3.8/3.4	3.4/3.1	4.1/3.8	4.5/5.6	5.6/5.9	5.2/6.2	5.1/6.3	5.2/6.6	4.9/6.9	4.4/7.2	6.0/--
CMH	0.12	3.2/0.0	2.3/2.1	2.4/2.4	2.2/3.3	3.2/3.2	4.1/2.7	3.7/3.5	5.6/6.7	7.3/7.0	5.6/7.2	5.4/7.5	5.4/7.9	3.7/8.3	4.7/8.6	5.6/--
CON	0.07	3.1/0.0	2.8/4.0	2.5/4.3	2.6/4.7	2.3/5.5	3.9/5.9	4.3/6.3	5.7/4.7	5.9/4.9	4.8/4.8	5.4/4.8	5.7/4.8	6.5/4.9	6.9/4.9	7.3/--
COS	0.24	2.1/0.0	2.1/1.4	2.5/1.9	2.6/2.2	2.3/2.3	2.1/2.3	2.2/2.0	1.6/5.4	2.0/5.8	2.2/6.1	2.9/6.4	3.0/6.8	3.4/7.1	3.5/7.4	3.3/--
COU	0.31	1.3/0.0	1.0/1.7	1.3/2.2	1.5/2.2	2.2/2.3	2.4/2.5	2.3/3.1	3.0/5.9	5.2/6.1	4.9/6.4	4.3/6.7	3.7/6.8	4.2/7.1	4.1/7.4	4.4/--
COT	-0.08	1.1/0.0	1.4/1.0	1.6/0.7	1.4/0.6	1.3/0.9	1.2/1.1	1.3/0.7	1.3/1.6	1.0/1.7	0.8/1.8	0.8/1.9	0.9/2.1	1.0/2.2	1.1/2.3	1.0/--
CRP	-2.63	2.2/0.0	1.6/2.0	1.9/2.3	2.5/2.4	2.7/2.4	2.8/2.5	3.5/2.0	4.2/1.2	5.1/1.3	5.6/1.3	6.3/1.1	7.0/0.9	7.6/0.9	7.7/1.1	8.1/--
CRW	0.45	1.6/0.0	1.3/1.9	1.6/2.4	1.7/2.9	2.6/3.3	3.2/3.8	3.1/4.4	2.7/8.3	3.1/8.4	4.2/8.6	4.2/8.9	3.9/9.2	3.8/9.3	4.4/9.5	4.9/--
CVG	0.25	2.2/0.0	2.5/3.2	2.5/3.2	2.0/3.7	2.9/3.3	3.7/3.4	3.9/3.1	5.3/7.3	6.6/7.6	5.2/8.0	5.2/8.3	5.1/8.6	4.2/9.0	4.3/9.3	4.7/--
DAY	0.31	1.3/0.0	1.4/2.4	0.9/2.4	1.3/3.3	2.6/2.7	3.0/2.9	2.9/3.7	4.1/6.2	6.5/6.3	5.0/6.7	5.0/6.9	4.9/7.0	3.4/7.4	4.6/7.8	5.4/--
DBQ	0.13	1.5/0.0	1.5/3.0	2.2/3.8	3.1/3.8	4.6/3.7	4.2/5.2	3.2/4.9	4.2/3.9	4.4/3.8	3.8/4.0	4.0/4.1	3.2/4.3	4.0/4.5	4.5/4.6	4.6/--
DCA	0.13	2.5/0.0	3.2/2.4	3.8/2.4	3.2/3.6	3.3/3.9	2.8/4.0	2.5/4.4	3.8/5.0	5.1/5.1	4.2/5.4	3.7/5.5	4.2/5.6	4.1/5.9	4.2/6.2	5.2/--
DEC	0.15	2.4/0.0	2.5/1.7	2.0/2.7	2.4/3.2	3.1/2.8	2.8/3.4	2.8/2.4	4.4/6.1	6.2/6.5	5.7/6.6	4.8/6.7	4.0/7.1	4.6/7.2	4.2/7.3	5.0/--
DEN	0.13	2.8/0.0	2.8/2.2	3.3/2.0	3.2/2.7	3.1/2.8	3.1/3.1	3.0/2.7	2.5/5.4	2.7/5.8	2.9/5.9	3.9/6.2	4.4/6.5	4.5/6.6	4.5/6.9	4.1/--
DFW	0.01	1.3/0.0	1.8/1.4	2.3/1.6	2.4/1.9	2.5/3.4	2.1/2.6	2.5/2.9	2.7/2.9	4.1/3.0	2.7/3.0	2.4/2.9	2.3/3.0	3.1/3.3	2.8/3.4	3.4/--
DLH	-0.34	2.2/0.0	2.3/2.3	2.8/3.0	3.8/3.2	4.2/3.6	4.6/4.4	5.1/5.6	4.9/3.8	5.7/3.5	5.0/3.4	5.2/3.6	5.8/3.5	6.4/3.4	6.5/3.6	7.3/--
DSM	0.16	2.5/0.0	3.2/2.3	2.8/2.7	3.4/3.3	4.3/3.8	4.5/4.3	3.7/4.7	4.6/5.9	3.4/6.3	3.3/6.6	3.7/6.6	3.9/7.0	5.6/7.3	5.7/7.5	5.8/--
DTW	0.09	2.3/0.0	2.1/2.7	2.3/2.7	3.1/3.2	3.4/3.2	3.6/3.0	3.1/2.5	3.7/4.3	4.8/4.7	4.7/4.8	3.9/5.0	3.8/5.2	3.1/5.3	4.4/5.7	4.1/--
ELP	-0.54	4.1/0.0	3.9/3.1	3.6/2.7	3.1/3.5	2.7/2.9	3.2/3.1	3.3/3.1	3.0/2.5	3.8/2.2	4.2/2.5	5.3/2.4	5.0/2.0	4.9/2.3	5.3/2.6	6.0/--
ERI	0.09	1.9/0.0	2.5/2.1	2.5/2.7	2.7/2.8	3.0/3.5	3.6/2.9	4.1/3.5	3.7/4.9	4.6/5.1	5.4/5.3	4.1/5.4	3.8/5.6	3.7/5.9	4.0/6.0	4.2/--
EUG	-0.13	2.4/0.0	3.0/2.0	2.6/1.9	3.4/3.5	4.5/3.8	5.4/5.2	5.7/5.5	6.1/4.6	5.9/4.7	4.4/4.7	4.5/4.7	4.5/4.7	4.9/4.6	5.2/4.7	5.2/--
EVV	0.27	2.5/0.0	2.1/2.1	2.0/1.7	2.3/2.9	3.1/3.7	3.4/2.8	3.1/3.7	3.8/7.7	5.6/8.0	5.4/8.4	4.9/8.7	4.0/9.0	3.8/9.4	4.4/9.7	4.9/--
EWR	0.20	1.2/0.0	1.7/3.5	2.1/3.1	2.5/3.7	3.1/3.9	3.1/4.5	2.5/5.0	2.8/3.4	4.2/3.5	3.9/3.7	3.5/3.5	3.0/3.6	3.3/3.8	3.5/4.0	3.9/--
FAR	-0.11	3.2/0.0	3.1/4.4	4.4/3.4	6.1/5.7	5.9/6.4	5.4/8.7	6.5/8.7	5.4/6.2	7.5/5.8	6.2/5.7	6.3/5.7	7.8/5.3	8.3/5.4	8.8/5.2	9.1/--
FAT	0.26	3.2/0.0	3.4/2.8	2.5/3.3	2.3/2.7	2.0/2.8	2.9/3.2	3.3/3.5	3.3/6.8	3.3/7.0	4.3/7.2	4.5/7.4	4.9/7.4	5.4/7.4	5.4/7.6	5.3/--
FLG	-0.51	4.2/0.0	4.8/2.6	5.0/2.8	6.0/3.7	5.6/3.7	5.3/3.8	4.6/3.6	4.8/3.1	4.8/3.3	5.1/3.3	5.7/3.6	5.7/3.8	5.3/4.0	5.0/4.2	5.1/--
FMY	0.20	1.9/0.0	2.2/2.0	2.5/2.4	2.3/2.3	2.5/2.2	2.7/2.6	2.6/2.9	2.7/3.1	2.6/3.3	2.2/3.5	1.9/3.7	1.9/3.9	2.0/4.1	2.0/4.3	2.0/--
FSD	-0.02	2.8/0.0	2.5/4.7	3.2/5.2	5.8/5.6	5.7/4.8	5.5/6.9	5.2/6.5	4.6/4.4	5.7/4.4	5.1/4.6	5.0/4.7	6.0/5.1	6.9/5.3	7.3/5.5	8.0/--
FWA	-0.02	3.4/0.0	4.4/2.8	3.7/3.4	3.1/4.4	4.0/2.7	4.4/4.3	4.2/3.9	6.1/5.3	8.2/5.4	5.2/5.8	4.3/6.0	4.1/6.1	4.1/6.3	4.7/6.5	5.2/--

GAD	0.28	1.4/0.0	1.6/1.9	1.8/1.6	2.0/2.4	2.3/2.7	2.2/2.5	2.2/3.2	3.5/5.5	4.6/5.8	3.5/6.1	3.3/6.2	3.6/6.5	3.5/6.8	3.9/7.1	4.8/--
GEG	0.38	2.0/0.0	2.4/3.0	2.9/2.9	3.2/2.8	3.3/4.3	3.4/4.6	3.4/4.4	3.3/8.5	3.2/8.8	3.0/9.1	3.0/9.3	4.1/9.5	5.0/9.8	5.3/10.1	5.5/--
GTF	0.27	2.2/0.0	1.9/2.6	2.4/3.2	4.0/3.4	4.1/3.5	4.2/4.2	3.0/4.3	3.8/7.2	3.9/7.5	4.0/7.8	4.4/8.1	4.6/8.4	5.5/8.7	5.8/8.9	6.1/--
HOU	-0.75	2.6/0.0	2.9/1.7	2.5/1.2	1.7/1.4	2.1/1.9	2.0/1.7	2.7/2.3	2.7/2.2	3.2/2.0	4.6/2.0	4.5/2.0	5.0/2.1	5.1/2.3	5.1/2.3	5.2/--
HSV	0.28	1.9/0.0	2.4/2.5	2.4/2.3	3.0/2.5	3.1/2.9	3.2/2.7	2.5/3.5	3.6/7.1	4.2/7.2	3.1/7.5	3.3/7.8	3.6/7.9	3.4/8.2	3.6/8.5	4.7/--
IAH	-0.13	2.0/0.0	2.4/1.8	2.6/1.6	1.9/1.8	2.3/2.2	2.2/2.8	2.6/3.2	2.6/3.3	2.8/3.3	3.4/3.3	4.4/3.4	5.0/3.5	5.2/3.7	4.8/3.7	5.1/--
ICT	0.12	2.1/0.0	1.5/0.9	2.1/3.0	3.4/3.3	4.0/4.3	5.0/3.5	4.7/4.6	3.5/5.7	2.9/5.8	3.4/6.0	3.7/6.1	4.3/6.2	5.1/6.4	5.4/6.5	5.5/--
ILG	0.11	3.1/0.0	3.6/3.3	4.3/3.5	4.4/4.8	4.2/4.8	3.4/5.0	3.6/5.9	5.0/5.7	6.0/5.8	5.4/5.9	4.8/5.9	5.1/5.9	5.0/6.2	5.2/6.4	6.1/--
IND	0.06	2.0/0.0	2.7/1.4	2.5/1.4	2.3/3.0	3.4/2.6	3.3/2.6	3.3/2.6	4.0/7.0	5.3/7.4	5.0/7.8	4.8/8.1	4.1/8.5	4.1/8.9	3.9/9.2	5.4/--
IPT	0.21	3.4/0.0	2.2/2.9	2.4/2.2	2.4/3.9	3.5/3.8	2.9/5.4	3.9/5.1	5.9/6.8	6.8/7.0	5.7/7.1	5.3/7.2	5.6/7.3	5.5/7.4	5.7/7.5	6.8/--
JAN	0.07	2.5/0.0	2.7/1.9	2.8/2.0	3.0/1.6	2.9/2.6	3.0/3.7	2.7/2.9	2.2/4.6	2.2/4.7	2.6/4.7	3.2/4.8	3.2/4.9	3.7/5.0	4.5/5.1	4.6/--
JAX	0.13	1.7/0.0	1.7/1.6	1.9/1.6	2.2/1.4	2.5/1.8	2.8/1.3	2.6/1.8	2.1/5.0	2.3/5.3	2.0/5.6	1.8/5.8	1.8/6.0	2.1/6.3	2.4/6.6	2.7/--
JFK	0.19	1.8/0.0	2.5/2.4	2.8/3.1	2.8/3.4	2.9/3.2	3.6/4.2	3.3/3.9	3.2/3.9	4.0/4.2	3.5/4.3	3.3/4.6	2.8/4.9	3.1/5.0	3.3/5.3	3.8/--
LAN	0.12	1.3/0.0	1.8/2.4	1.9/2.8	2.8/2.6	3.7/4.5	3.9/2.6	4.0/3.9	3.6/4.3	4.2/4.5	3.3/4.7	3.4/4.8	3.3/5.0	4.0/5.2	5.2/5.3	5.3/--
LAS	0.55	1.6/0.0	1.5/1.6	1.5/1.5	1.7/1.9	1.7/2.4	1.6/3.0	1.6/2.6	2.0/9.5	2.2/9.8	2.1/10.1	1.9/10.4	1.4/10.7	1.6/11.0	1.9/11.3	2.0/--
LAX	-0.45	2.1/0.0	2.5/0.7	2.5/0.7	2.0/0.9	1.7/0.9	1.8/1.3	2.0/0.9	1.9/1.8	1.5/1.9	1.2/2.0	1.0/2.1	0.8/2.2	0.8/2.4	0.8/2.5	0.9/--
LEX	0.35	1.2/0.0	0.9/1.7	0.9/1.6	1.3/2.5	1.8/2.1	2.5/1.8	2.4/3.0	3.5/7.2	5.3/7.4	4.9/7.7	4.7/8.0	4.4/8.4	3.8/8.7	4.0/9.0	4.5/--
LFK	-0.13	1.9/0.0	2.4/2.0	2.9/1.9	2.7/1.7	2.6/3.2	2.8/3.4	2.7/4.0	3.0/4.3	3.2/4.3	3.8/4.3	5.4/4.4	6.1/4.3	6.6/4.3	7.1/4.4	7.1/--
LGA	-0.02	2.7/0.0	3.0/3.5	3.5/3.3	4.6/4.7	4.3/4.1	4.0/4.2	3.7/4.6	3.9/3.4	4.5/3.5	4.1/3.6	3.7/3.4	3.5/3.5	3.4/3.8	3.5/3.8	3.9/--
LGB	-0.82	3.0/0.0	3.5/0.9	4.0/1.5	3.6/0.9	2.9/1.0	3.3/1.4	3.2/1.4	2.4/1.8	1.6/1.9	1.5/2.0	1.5/2.2	1.6/2.4	1.6/2.6	1.8/2.7	1.8/--
LIT	0.35	2.1/0.0	1.8/1.7	2.2/1.8	2.0/2.1	1.8/2.4	1.2/2.4	1.2/2.8	1.6/4.0	2.7/4.1	3.1/4.4	1.8/4.7	1.9/5.0	2.6/5.3	2.8/5.6	3.3/--
LNS	0.38	2.8/0.0	2.1/3.7	2.5/3.3	3.0/4.4	3.5/4.5	3.1/4.8	3.5/5.8	5.0/9.1	6.6/9.5	5.8/9.7	5.5/10.0	5.9/10.4	5.7/10.6	5.8/10.9	7.0/--
MAF	-0.21	2.6/0.0	2.0/1.9	1.8/2.3	1.8/2.7	1.9/2.7	2.0/2.1	2.2/3.1	2.1/1.9	2.0/1.8	2.2/2.1	3.5/2.2	4.3/2.1	4.5/2.2	4.6/2.5	5.2/--
MBA	-0.09	3.2/0.0	3.4/3.3	3.1/3.4	3.4/4.4	3.6/4.7	4.4/5.0	4.2/5.8	5.8/3.8	5.0/3.7	4.9/4.0	4.8/4.1	5.0/4.2	5.7/4.3	6.0/4.4	6.1/--
MCI	0.18	1.7/0.0	1.6/1.7	1.8/1.5	1.9/2.0	2.5/1.5	3.0/2.1	2.8/3.5	2.9/5.7	3.1/6.0	3.3/6.2	3.3/6.5	3.2/6.8	4.2/7.0	3.9/7.3	4.1/--
MCN	0.08	1.6/0.0	1.8/1.7	1.8/1.1	2.2/1.5	2.7/1.7	2.8/2.0	2.6/2.3	3.0/5.2	3.3/5.5	3.0/5.8	3.2/5.9	3.3/6.3	3.6/6.6	3.0/6.9	3.9/--
MCO	0.12	1.3/0.0	1.6/2.2	1.3/2.0	2.0/2.7	1.8/2.4	1.6/2.4	2.0/2.1	2.5/2.5	2.8/2.5	2.8/2.6	3.1/2.8	2.8/3.0	2.9/3.2	2.7/3.2	2.3/--
MDT	0.10	1.9/0.0	3.0/2.7	3.9/3.6	4.3/4.7	4.7/5.0	4.1/5.4	3.8/6.0	5.4/6.1	6.6/6.0	5.7/6.1	5.1/6.1	5.4/6.2	5.4/6.5	5.6/6.5	6.3/--
MEM	0.17	1.4/0.0	1.4/1.2	1.1/1.8	2.0/1.7	2.7/1.6	2.9/2.3	2.1/2.3	3.1/5.5	4.0/5.7	3.7/5.8	3.2/6.1	3.4/6.4	3.1/6.7	3.4/7.0	4.3/--
MHT	0.07	1.8/0.0	2.8/2.4	3.7/4.0	4.5/4.4	5.0/4.7	5.1/4.9	4.9/5.5	6.5/5.6	5.6/5.9	5.0/6.2	4.9/6.4	4.7/6.7	5.4/7.0	5.6/7.2	5.9/--
MIA	-1.36	1.4/0.0	1.2/1.4	1.0/1.8	1.1/1.9	1.5/1.7	2.0/1.7	2.3/1.5	2.9/0.9	3.2/0.8	3.8/0.9	3.7/1.0	3.9/1.1	3.9/1.1	3.7/1.3	3.5/--
MKE	-0.43	1.8/0.0	1.9/3.1	2.8/3.3	3.7/2.9	6.0/3.3	6.1/4.0	5.7/4.6	4.6/3.1	4.3/3.0	5.1/3.0	4.9/3.0	5.2/3.3	6.1/3.5	6.2/3.7	6.5/--
MOB	0.00	1.6/0.0	2.9/2.0	3.0/1.5	3.3/1.3	3.3/2.5	3.2/3.3	2.6/2.9	2.2/4.9	2.2/4.9	2.4/5.0	2.7/5.3	3.3/5.5	3.4/5.5	3.9/5.6	4.1/--
MSP	-0.09	2.4/0.0	3.2/2.7	3.8/3.0	5.6/3.6	6.0/4.6	5.5/5.2	5.0/5.4	4.3/4.3	4.2/4.5	4.6/4.8	4.6/4.7	4.3/4.9	5.5/5.2	5.7/5.2	6.1/--
MSY	0.11	2.2/0.0	1.7/1.7	1.9/1.4	2.1/1.3	2.1/1.1	1.3/1.3	1.6/1.8	1.4/3.3	1.6/3.6	1.7/3.8	1.9/4.0	2.5/4.2	3.0/4.5	3.0/4.7	2.7/--
MWL	0.01	2.4/0.0	2.2/2.4	2.3/2.6	2.0/2.6	2.8/3.5	2.6/3.8	2.3/4.0	2.4/3.8	2.8/3.6	3.7/3.6	4.4/3.5	4.9/3.6	5.4/3.4	5.3/3.5	5.6/--
NKX	-0.86	2.9/0.0	2.7/1.7	3.1/2.3	3.5/1.4	3.6/1.4	3.3/3.4	3.1/1.4	2.7/0.0	2.6/0.0	2.7/0.0	3.1/0.0	3.0/0.0	2.9/0.0	2.5/0.0	2.5/--
NTU	0.14	1.8/0.0	2.0/2.0	2.5/2.4	2.5/2.4	3.4/3.3	5.0/3.4	4.8/3.7	4.4/9.0	6.1/9.3	6.3/9.7	6.9/10.0	7.1/10.3	6.6/10.7	5.8/11.0	6.5/--
OAK	-0.76	2.4/0.0	2.2/0.7	1.9/1.3	2.2/1.6	2.1/1.4	2.7/1.6	2.4/1.5	1.9/1.7	2.1/1.6	2.1/1.5	3.0/1.4	2.8/1.3	2.8/1.4	2.9/1.5	2.9/--
OKC	0.08	3.6/0.0	4.2/2.6	3.9/3.4	4.4/4.1	3.9/4.9	3.7/4.8	3.9/4.9	3.3/5.1	3.1/5.2	3.6/5.3	3.8/5.2	4.6/5.1	5.3/5.3	6.2/5.2	5.8/--
OMA	0.24	2.8/0.0	2.4/3.6	3.0/3.4	4.1/4.3	4.3/4.0	4.2/4.9	4.1/6.1	5.5/7.3	5.2/7.5	5.7/7.9	5.2/8.0	4.7/8.4	6.0/8.7	5.9/8.8	6.5/--
ORD	0.25	1.7/0.0	1.8/2.3	1.9/2.5	2.7/2.9	3.1/3.1	2.9/2.9	2.4/3.6	2.6/3.5	3.8/3.9	3.7/4.2	2.7/4.4	2.0/4.8	2.1/5.1	3.0/5.3	3.5/--
ORH	-0.13	3.7/0.0	3.3/4.1	3.5/5.3	4.3/5.5	5.4/5.1	5.5/6.3	6.1/6.4	6.7/5.3	7.2/5.4	6.4/5.3	6.9/5.1	6.3/5.2	7.7/5.1	7.9/4.9	7.9/--
PDT	0.02	1.9/0.0	3.0/1.9	3.1/1.9	2.7/2.7	3.5/3.1	4.4/3.9	5.1/4.3	6.0/5.2	5.7/5.4	4.2/5.7	3.2/5.9	2.9/6.1	3.4/6.3	4.0/6.5	4.1/--
PDX	0.15	5.8/0.0	1.7/1.3	1.5/1.4	1.9/1.9	2.6/2.1	2.9/3.1	3.0/3.0	3.3/4.8	3.2/5.0	2.7/5.2	3.3/5.2	3.7/5.4	3.9/5.5	4.0/5.7	4.1/--
PHL	0.03	2.9/0.0	3.7/3.1	4.3/3.4	4.3/4.2	4.4/4.8	4.6/5.0	4.1/5.6	5.0/4.8	5.6/5.1	5.0/5.1	4.6/5.2	4.8/5.6	4.7/5.6	4.8/5.7	5.2/--
PHX	-0.11	2.4/0.0	2.6/0.7	1.9/1.1	2.1/0.8	1.6/0.9	1.8/1.1	1.6/1.0	1.8/6.7	1.8/7.0	1.3/7.3	1.4/7.6	1.1/7.9	1.2/8.2	1.2/8.5	1.1/--
PIR	-0.04	2.7/0.0	2.9/3.5	3.0/3.3	3.3/4.5	3.1/4.2	2.6/5.9	3.8/4.9	3.4/4.0	4.8/3.6	3.8/3.7	4.6/3.7	5.2/3.5	6.0/3.8	6.2/3.8	6.6/--
PIT	0.17	2.8/0.0	2.4/2.5	3.2/2.0	3.3/4.0	4.5/3.9	4.2/4.1	4.5/4.5	4.2/8.4	5.6/8.5	6.1/8.6	6.3/8.9	5.6/9.2	5.1/9.3	5.1/9.5	6.1/--
PVD	0.04	1.2/0.0	1.5/2.1	1.9/2.5	2.3/3.4	3.7/3.3	3.8/4.0	3.1/4.3	4.1/4.1	4.9/3.8	4.5/3.9	4.0/3.8	3.9/3.9	4.1/4.0	4.2/3.9	4.6/--
PWM	-0.13	2.5/0.0	2.1/2.5	1.9/3.0	2.6/2.3	3.3/3.7	4.0/4.4	3.9/3.9	5.2/4.1	5.5/4.0	5.0/3.9	5.1/4.0	4.8/3.9	5.1/3.8	5.6/3.9	6.2/--
RAL	0.05	2.7/0.0	2.6/3.2	2.4/3.1	2.6/3.4	2.2/3.1	2.1/2.3	1.6/2.3	1.6/2.9	2.0/2.9	3.0/2.7	3.3/2.5	3.4/2.4	3.4/2.5	3.5/2.6	3.4/--
RAP	0.17	3.1/0.0	3.1/4.9	3.1/5.4	3.7/3.7	4.4/4.8	3.8/4.3	4.5/5.2	3.8/4.7	4.3/4.8	3.9/4.9	4.4/5.2	4.9/5.6	4.7/5.9	5.2/6.0	4.9/--
RBL	0.41	2.1/0.0	1.7/2.3	1.4/2.2	1.5/2.1	2.3/1.9	2.7/2.3	1.9/3.1	1.7/6.4	1.9/6.6	2.5/6.8	2.7/7.1	3.1/7.4	3.3/7.6	3.5/7.8	3.5/--
RDD	0.24	2.9/0.0	3.8/2.6	3.3/2.9	3.4/2.7	3.8/3.0	4.0/3.1	3.4/3.3	2.6/9.2	2.5/9.5	3.1/9.8	3.6/10.0	4.0/10.3	4.4/10.6	4.8/10.9	4.8/--
RDU	0.49	1.7/0.0	1.0/1.7	1.4/2.6	1.2/2.5	1.5/2.3	2.5/3.1	3.1/3.3	3.0/8.9	4.2/9.2	4.1/9.5	3.7/9.8	4.1/10.1	3.8/10.4	3.2/10.8	4.0/--
RIC	0.09	1.7/0.0	1.7/1.3	2.0/2.7	2.4/2.1	3.3/2.3	4.4/2.1	3.8/2.7	3.2/8.2	4.6/8.5	4.9/8.8	5.4/9.1	5.6/9.4	5.2/9.7	4.7/10.0	5.2/--
RNO	0.37	1.6/0.0	2.0/2.1	2.1/2.4	2.1/2.0	2.7/2.2	3.0/2.4	2.9/2.5	4.3/13.5	4.1/13.7	3.3/13.9	2.5/14.1	2.7/14.4	2.7/14.6	3.2/14.8	3.1/--

ROA	0.41	2.6/0.0	2.2/2.5	2.3/2.8	2.3/2.8	2.6/3.5	3.2/4.0	3.1/4.5	3.0/7.2	2.9/7.3	3.5/7.5	3.7/7.8	3.6/8.1	2.9/8.2	3.3/8.4	3.9/--
ROC	-0.06	3.6/0.0	3.2/2.7	3.0/2.4	2.9/2.3	3.9/4.3	4.8/4.2	5.7/4.9	6.1/5.8	6.6/5.9	6.1/5.8	6.1/5.9	5.5/6.2	5.0/6.2	5.4/6.2	5.9/--
SAC	-0.13	1.8/0.0	2.5/3.2	5.2/3.4	2.8/3.6	2.6/3.7	2.8/3.5	3.0/2.8	3.3/2.5	3.4/2.6	3.1/2.7	4.0/2.9	4.0/2.9	3.8/2.9	3.6/3.1	3.4/--
SAN	-0.54	1.0/0.0	1.1/1.1	1.2/2.3	1.2/1.7	1.2/1.2	1.4/1.0	1.4/1.1	1.3/0.7	1.2/0.6	1.3/0.5	1.1/0.6	1.4/0.7	1.4/0.8	1.7/0.9	1.9/--
SAT	-0.24	2.7/0.0	2.8/2.9	3.2/3.6	3.7/3.0	3.5/3.0	3.3/2.6	3.3/2.3	3.4/2.4	3.3/2.5	3.6/2.6	3.2/2.6	3.6/2.8	3.8/3.1	4.1/3.2	4.1/--
SAV	0.27	1.7/0.0	1.3/1.8	1.1/2.1	1.7/2.4	2.8/2.4	3.5/2.4	2.9/2.4	3.5/6.3	3.9/6.6	3.2/6.9	3.8/7.1	3.7/7.4	4.0/7.7	3.7/7.9	4.3/--
SDF	0.30	1.6/0.0	1.6/1.9	1.1/1.5	1.4/2.0	2.2/2.4	2.7/2.3	2.6/2.3	3.3/6.9	4.6/7.2	4.6/7.5	4.3/7.8	3.8/8.1	3.1/8.4	3.7/8.7	3.9/--
SEA	0.07	1.9/0.0	2.6/1.6	2.0/1.7	1.9/2.6	2.0/1.8	2.0/3.0	2.4/2.5	3.9/3.0	3.3/3.0	2.2/3.2	2.0/3.1	2.0/3.2	2.4/3.4	2.9/3.6	3.0/--
SFO	-0.29	1.4/0.0	1.7/1.2	2.0/1.8	2.6/1.6	2.7/1.5	2.5/1.4	2.4/1.6	1.9/1.9	1.7/1.8	1.3/1.7	1.6/1.6	1.8/1.5	2.1/1.6	2.3/1.7	2.2/--
SJC	-0.20	2.3/0.0	2.2/1.2	1.9/1.6	2.3/1.4	2.5/1.5	3.1/1.5	2.7/1.5	1.9/2.3	1.8/2.4	1.4/2.5	2.3/2.7	2.1/2.9	2.4/3.0	2.6/2.9	2.4/--
SJT	-0.78	1.7/0.0	1.9/2.7	2.5/1.7	2.4/2.4	2.7/2.2	2.1/3.6	2.5/3.9	3.5/2.1	2.8/2.2	4.0/2.1	5.3/2.0	6.4/2.0	7.4/2.1	7.3/2.2	7.8/--
SLC	0.51	1.6/0.0	1.2/2.3	1.6/2.8	1.6/3.0	1.6/2.7	1.8/2.6	2.0/2.1	1.8/7.0	2.2/7.3	2.7/7.6	3.0/7.9	3.0/8.2	3.5/8.5	3.2/8.8	3.1/--
SSI	0.15	2.1/0.0	1.8/2.0	1.7/1.9	1.6/1.3	1.9/1.5	2.2/1.5	2.2/1.8	2.2/2.7	2.3/2.9	2.1/3.1	1.7/3.4	1.9/3.7	1.8/3.9	1.3/4.2	1.4/--
STL	0.12	3.0/0.0	2.3/1.8	2.4/2.6	3.2/3.3	3.6/2.8	3.4/3.1	3.3/3.6	3.9/6.7	5.6/6.9	6.3/7.2	5.4/7.3	4.1/7.5	5.4/7.8	5.5/7.9	6.2/--
SYR	0.06	2.9/0.0	2.7/3.0	3.3/3.3	3.4/3.4	4.2/5.6	5.1/5.3	6.5/6.1	6.7/6.9	7.2/6.8	6.6/6.9	6.6/7.2	6.2/7.1	6.3/7.1	6.5/7.4	6.6/--
TLH	0.07	1.8/0.0	2.2/2.1	2.8/1.4	3.3/2.2	2.8/2.1	2.6/2.5	2.6/2.1	2.6/4.6	2.7/4.7	2.9/4.8	2.9/5.1	2.7/5.2	2.9/5.3	2.9/5.7	3.4/--
TPA	0.02	1.2/0.0	1.4/1.6	1.5/1.8	1.8/1.5	1.9/1.3	2.0/1.4	1.8/1.8	2.0/2.0	1.9/2.2	1.9/2.2	2.0/2.5	2.0/2.7	2.3/2.9	2.5/2.9	2.3/--
TRM	-0.39	6.2/0.0	6.0/3.1	4.6/3.2	4.2/3.5	5.2/3.6	4.7/3.0	4.7/2.8	3.9/3.4	3.9/3.4	5.1/3.4	4.8/3.6	5.0/3.7	4.6/3.8	4.5/4.0	4.2/--
TUL	0.04	1.7/0.0	2.2/2.1	2.6/1.9	2.8/2.9	3.2/3.0	3.4/3.1	4.0/3.3	4.3/5.5	5.6/5.6	5.0/5.8	4.7/6.1	4.7/6.2	5.1/6.4	5.0/6.7	5.0/--
TUS	-0.07	3.5/0.0	3.6/1.5	2.9/1.2	3.0/1.6	3.0/2.1	2.2/2.0	2.0/2.0	1.6/5.0	2.6/5.3	3.2/5.6	4.0/5.9	3.5/6.2	3.6/6.5	3.6/6.8	3.3/--
TYR	-0.12	1.6/0.0	2.6/1.4	2.7/2.0	3.1/2.6	3.3/4.4	3.4/4.3	3.2/4.2	3.3/3.9	2.7/4.0	3.3/4.1	4.8/4.0	5.4/4.0	5.8/4.1	6.4/4.0	6.2/--
TYS	0.19	1.6/0.0	1.7/1.5	1.7/1.6	3.1/2.4	3.7/3.0	3.5/3.3	3.0/3.2	3.5/6.1	4.2/6.2	3.3/6.5	3.6/6.6	3.5/6.9	3.1/7.0	3.7/7.3	4.7/--
VCT	-1.07	1.9/0.0	1.5/2.1	1.6/2.5	2.5/2.2	2.8/1.5	2.6/2.5	2.9/1.4	2.8/1.9	3.1/1.7	3.4/1.5	4.6/1.7	5.2/1.6	5.7/1.6	6.1/1.4	6.3/--
WJF	-0.30	5.8/0.0	6.2/3.6	6.3/2.0	5.5/2.3	5.1/2.7	4.8/3.1	3.8/2.8	3.5/4.3	3.7/4.3	3.3/4.4	3.2/4.7	2.9/5.0	2.9/5.0	3.0/5.3	3.1/--
YKM	0.35	4.2/0.0	3.5/3.6	3.5/3.9	3.6/4.4	4.0/4.6	3.7/4.6	3.9/4.9	4.4/10.3	4.8/10.5	4.3/10.7	4.0/11.0	5.7/11.2	6.2/11.4	6.6/11.6	6.9/--
YNG	0.22	2.7/0.0	2.7/2.7	2.6/3.0	3.0/3.7	3.3/3.9	4.3/3.1	3.9/4.4	3.9/7.6	5.8/7.7	5.9/7.8	5.3/8.1	4.9/8.2	4.0/8.3	4.5/8.6	5.1/--
YQB	-0.28	3.6/0.0	3.7/0.0	4.0/0.0	4.0/0.0	4.0/0.0	4.5/0.0	5.4/0.0	5.9/5.3	5.4/5.3	5.8/5.3	6.8/5.3	7.7/5.3	7.9/5.3	8.4/5.3	7.9/--
YUL	0.06	2.9/0.0	2.9/0.0	2.2/0.0	2.2/0.0	2.9/0.0	3.5/0.0	4.2/0.0	4.3/4.7	4.3/4.8	4.2/4.9	5.1/5.0	4.6/5.0	5.2/5.1	4.9/5.2	5.3/--
YVR	0.18	1.3/0.0	1.5/0.0	1.5/0.0	2.0/0.0	2.3/0.0	2.2/0.0	2.0/0.0	3.0/3.3	3.3/3.4	3.0/3.5	2.9/3.7	2.8/3.8	2.8/4.0	3.2/4.1	3.5/--
YXD	-0.03	5.4/0.0	5.3/0.0	5.3/0.0	5.5/0.0	5.5/0.0	5.9/0.0	5.7/0.0	6.7/7.0	7.8/6.8	6.7/6.7	6.1/6.5	6.8/6.3	6.4/6.2	6.3/6.0	6.4/--
YYC	0.37	3.3/0.0	3.1/0.0	2.6/0.0	3.0/0.0	3.0/0.0	3.0/0.0	2.9/0.0	3.8/5.3	4.3/5.5	3.8/5.7	3.4/6.0	3.4/6.2	3.7/6.4	3.7/6.6	3.5/--
YYZ	0.29	3.0/0.0	2.8/0.0	2.6/0.0	2.9/0.0	2.9/0.0	2.6/0.0	3.2/0.0	3.2/4.1	3.9/4.3	3.2/4.5	2.9/4.7	3.4/5.0	3.4/5.3	3.6/5.5	3.5/--

Bias (2009-05-23~2009-06-01)

	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	1.32	0.8/0.0	1.3/2.3	2.0/3.8	2.1/4.1	1.6/2.5	0.7/3.2	1.7/3.3	3.4/-1.6	1.5/-1.9	0.5/-2.2	0.0/-2.6	0.2/-2.9	1.1/-3.2	1.6/-3.6	1.2/--
ABI	2.08	1.3/0.0	1.2/2.2	0.4/1.7	0.8/2.0	1.6/3.9	0.9/3.3	0.4/2.2	0.8/1.0	0.3/0.7	2.0/0.5	3.1/0.2	4.1/-0.1	4.8/-0.4	4.7/-0.7	4.8/--
ABQ	3.27	0.2/0.0	0.1/3.2	0.4/3.5	1.0/3.0	1.0/3.5	0.7/5.0	1.3/3.8	1.8/-1.9	3.1/-2.3	4.5/-2.6	6.4/-2.9	6.8/-3.3	6.8/-3.6	7.5/-3.9	7.4/--
ABY	-0.47	0.5/0.0	0.7/0.2	0.4/0.5	0.1/0.1	-0.6/-0.1	-0.5/-0.5	-1.0/-0.8	-0.9/-6.3	-1.1/-6.6	-0.6/-6.9	-0.6/-7.2	-0.5/-7.5	-1.0/-7.8	-0.8/-8.1	-1.0/--
ACT	2.41	0.1/0.0	0.3/-1.0	-0.1/-1.7	0.3/-0.3	1.2/1.1	1.4/1.4	0.8/2.0	1.4/0.3	1.9/0.0	3.0/-0.3	4.4/-0.5	4.9/-0.8	5.4/-1.1	5.5/-1.4	5.7/--
ACY	-0.02	0.9/0.0	1.1/1.4	1.8/1.3	2.1/2.7	1.0/1.5	-0.4/1.1	-0.1/1.5	0.8/-5.0	-1.0/-5.3	-1.1/-5.6	-2.0/-5.9	-1.7/-6.2	-1.0/-6.6	-0.1/-6.9	-0.5/--
ALB	2.64	0.3/0.0	0.7/2.7	1.3/3.5	1.4/4.7	1.6/3.2	1.2/5.1	2.6/5.9	3.4/1.1	1.7/0.8	2.5/0.5	3.1/0.2	3.8/-0.1	4.9/-0.4	5.6/-0.7	5.4/--
ALW	-0.34	0.8/0.0	1.1/-1.1	1.5/-0.9	0.7/-2.3	-0.4/-2.9	-0.3/-3.1	1.0/-4.3	1.7/-9.6	1.9/-9.9	1.2/-10.1	-0.7/-10.3	-2.3/-10.5	-3.4/-10.7	-3.7/-10.9	-4.1/--
AOO	0.65	1.4/0.0	2.5/1.3	3.0/0.7	2.8/2.0	2.5/1.4	1.7/0.9	1.8/1.7	0.2/-1.7	-1.2/-2.1	-1.8/-2.4	-1.8/-2.7	-1.4/-3.1	-0.2/-3.4	0.3/-3.7	-0.1/--
APN	2.58	-0.8/0.0	-0.7/1.5	0.3/2.1	1.7/1.4	3.7/1.9	2.5/2.1	2.3/2.8	-0.2/1.8	-0.6/1.5	3.2/1.2	3.5/0.9	4.6/0.6	6.2/0.3	6.5/0.0	6.6/--
ATL	-0.28	0.3/0.0	-0.2/-0.9	-0.3/-0.7	-0.2/-0.7	0.1/-0.5	-0.3/-1.0	0.4/-1.7	-0.5/-4.1	-1.1/-4.4	-0.1/-4.7	-0.4/-5.0	-0.6/-5.3	-0.4/-5.6	0.1/-5.9	-1.0/--
AUG	4.71	-0.0/0.0	0.6/2.4	1.7/1.9	2.3/2.2	3.1/2.9	3.7/4.1	5.3/4.1	6.5/3.2	5.6/2.9	5.9/2.6	6.4/2.3	6.6/1.9	7.3/1.6	7.8/1.3	7.7/--
AUS	2.54	-1.1/0.0	-0.9/-0.3	-0.9/-0.7	0.1/-0.9	1.7/0.4	1.6/1.0	2.3/1.7	3.2/2.6	3.8/2.4	4.5/2.2	4.3/1.9	4.6/1.7	4.8/1.5	5.1/1.2	5.0/--
AVP	2.21	0.6/0.0	1.2/2.1	2.4/2.8	2.8/4.1	2.6/2.4	2.0/2.7	3.3/4.0	3.5/-0.4	1.6/-0.7	0.5/-1.0	0.8/-1.3	1.7/-1.6	3.1/-1.9	3.4/-2.2	3.5/--
BDL	2.11	-0.8/0.0	-0.0/2.0	1.1/2.8	1.4/3.9	1.2/3.2	1.4/3.9	1.5/4.9	3.3/0.9	1.8/0.6	2.1/0.3	2.5/0.0	3.0/-0.3	4.2/-0.6	4.5/-0.9	4.5/--
BFL	-0.74	-0.3/0.0	-0.1/0.0	-0.4/-0.5	-0.3/1.1	-0.1/-1.1	-0.3/-1.8	-0.2/-2.8	-0.1/-7.5	0.0/-7.7	-1.1/-8.0	-0.9/-8.3	-1.5/-8.5	-1.6/-8.7	-1.9/-9.0	-2.2/--
BGM	1.70	1.7/0.0	2.5/1.7	2.5/2.2	2.5/2.7	1.9/1.7	0.8/1.7	2.3/2.9	1.4/-0.3	-0.7/-0.6	0.1/-0.9	0.5/-1.3	1.2/-1.6	2.6/-1.9	3.2/-2.3	2.9/--
BHM	-0.71	0.9/0.0	0.6/-0.6	-0.3/-1.1	-1.0/0.0	-1.0/-0.5	-0.5/-0.7	0.2/-0.3	-2.1/-6.4	-2.5/-6.7	-1.2/-7.0	-1.2/-7.3	-1.0/-7.7	-0.6/-8.0	-0.1/-8.3	-0.8/--
BIS	2.03	0.6/0.0	0.2/2.0	0.3/2.3	0.9/3.3	1.5/3.1	0.8/3.5	1.2/4.1	0.8/-1.0	1.3/-1.3	2.6/-1.7	2.6/-2.0	3.4/-2.3	4.0/-2.7	5.0/-3.0	5.4/--
BNA	-1.18	0.9/0.0	0.7/1.1	0.1/-0.4	-0.2/0.1	-0.9/1.1	-0.6/1.1	0.3/0.4	-1.5/-4.8	-2.5/-5.2	-2.8/-5.5	-2.3/-5.8	-2.5/-6.1	-2.1/-6.4	-1.6/-6.7	-2.6/--
BOI	-0.54	-0.2/0.0	0.6/-0.2	0.9/0.3	0.3/0.0	-0.7/-0.9	-0.4/-3.8	0.1/-4.2	0.6/-10.6	1.4/-10.9	1.3/-11.2	-0.4/-11.4	-1.8/-11.6	-2.8/-11.9	-3.4/-12.2	-3.7/--
BOS	3.98	1.3/0.0	2.2/3.0	2.7/3.1	3.3/3.7	3.9/4.0	4.2/4.6	4.6/4.8	5.2/1.5	4.4/1.2	3.9/0.9	4.4/0.6	4.5/0.3	4.9/0.0	5.2/-0.3	5.0/--
BRO	3.67	0.0/0.0	-0.3/2.7	-0.4/2.8	0.2/3.0	0.7/2.9	2.0/3.5	2.6/4.1	3.8/1.8	4.5/1.7	5.4/1.5	6.4/1.3	6.9/1.1	7.7/0.9	7.7/0.8	7.8/--
BTV	2.79	0.8/0.0	1.4/1.3	2.3/1.7	2.4/2.5	2.4/3.4	1.9/4.2	3.2/4.3	3.0/2.0	1.9/1.7	2.3/1.4	2.7/1.0	3.4/0.7	4.3/0.4	5.0/0.0	4.8/--
BUF	-1.89	-0.8/0.0	-2.4/-0.1	-2.0/-0.8	-1.7/-0.7	-1.2/-1.5	-2.2/-1.2	-1.9/-0.2	-3.4/-1.7	-4.4/-2.1	-3.5/-2.5	-2.8/-2.8	-2.0/-3.2	-0.4/-3.6	0.3/-3.9	-0.1/--
BUR	2.18	-0.5/0.0	-0.4/-0.4	-1.1/0.5	-1.0/1.8	-0.4/-0.2	-0.2/0.0	0.1/-0.3	1.5/-3.1	2.8/-3.2	4.5/-3.3	5.2/-3.4	5.3/-3.5	5.7/-3.6	5.7/-3.8	5.3/--
BWI	0.80	1.4/0.0	2.4/2.2	2.9/1.8	2.8/3.2	1.9/2.7	0.3/2.2	1.5/2.6	2.3/-3.8	-0.1/-4.2	-0.5/-4.5	-0.8/-4.8	-1.0/-5.1	-0.6/-5.4	-0.0/-5.7	-0.4/--
CAE	-2.63	1.1/0.0	0.7/-1.2	0.0/-1.6	-0.5/-2.0	-1.2/-2.5	-2.0/-1.7	-2.7/-1.0	-3.4/-5.8	-4.7/-6.1	-4.5/-6.4	-4.4/-6.7	-4.6/-7.0	-4.3/-7.3	-4.0/-7.6	-4.9/--
CHA	-1.37	-0.4/0.0	-1.2/-0.1	-1.2/-1.4	-0.9/-1.2	-1.1/-0.8	-0.6/-1.4	-0.5/-1.0	-2.1/-6.1	-2.5/-6.4	-1.8/-6.7	-1.6/-7.0	-1.7/-7.3	-1.5/-7.6	-1.1/-8.0	-2.5/--
CLE	-0.86	0.1/0.0	0.9/0.6	0.3/-0.2	0.6/-0.2	0.8/0.1	0.2/-1.1	0.5/0.3	-2.2/-5.0	-3.8/-5.3	-2.8/-5.6	-3.0/-6.0	-2.8/-6.3	-0.7/-6.6	0.0/-7.0	-1.1/--
CLT	-3.86	-0.8/0.0	-1.6/-1.7	-2.2/-2.9	-3.0/-3.1	-3.5/-3.4	-3.2/-2.9	-3.7/-2.8	-4.2/-5.4	-5.6/-5.7	-5.1/-6.0	-5.1/-6.3	-5.1/-6.6	-4.9/-6.9	-4.4/-7.2	-5.5/--
CMH	-3.49	-1.4/0.0	-1.4/-1.1	-2.2/-1.2	-1.6/-1.1	-2.0/-0.8	-3.0/-0.9	-2.5/-0.9	-5.6/-6.5	-7.1/-6.8	-5.4/-7.2	-5.4/-7.5	-5.3/-7.9	-3.2/-8.3	-2.6/-8.6	-3.6/--
CON	3.33	-0.9/0.0	-0.4/3.6	0.7/2.9	1.3/3.9	1.8/3.5	2.6/5.3	3.6/6.3	4.6/2.1	3.0/1.7	3.8/1.4	4.8/1.0	5.1/0.6	6.2/0.3	6.9/-0.1	6.7/--
COS	0.28	-1.8/0.0	-1.8/0.8	-1.8/0.9	-1.3/1.2	-0.9/0.7	-0.3/0.9	0.5/0.4	0.6/-5.4	0.1/-5.8	1.2/-6.1	1.6/-6.4	1.7/-6.8	1.8/-7.1	2.4/-7.4	2.3/--
COU	-1.27	0.3/0.0	0.5/0.5	0.9/1.0	1.5/0.0	1.3/0.7	0.8/0.5	-0.4/-0.3	-1.6/-5.3	-4.5/-5.7	-4.6/-6.0	-3.7/-6.3	-3.0/-6.6	-2.5/-6.9	-2.1/-7.2	-1.9/--
COT	-0.16	-0.6/0.0	-0.7/-0.8	-1.2/0.7	-1.1/-0.4	-1.0/-0.9	-1.0/-0.9	-0.6/-0.3	0.0/-1.6	0.2/-1.7	0.4/-1.8	0.6/-1.9	0.8/-2.1	0.7/-2.2	0.6/-2.3	0.6/--
CRP	3.92	0.1/0.0	0.1/0.2	0.1/0.1	0.4/0.8	1.6/1.6	2.3/1.9	3.2/1.4	4.1/1.0	4.7/0.9	5.6/0.7	6.3/0.5	7.0/0.3	7.6/0.1	7.7/-0.1	8.1/--
CRW	-1.73	-0.2/0.0	-0.5/0.1	-0.9/-1.6	-0.8/-0.9	-1.2/0.3	-1.1/-0.8	-0.4/0.2	-1.7/-7.9	-2.8/-8.2	-3.5/-8.4	-3.3/-8.7	-3.1/-9.0	-2.4/-9.3	-1.8/-9.5	-2.3/--
CVG	-3.24	-0.7/0.0	-0.6/-2.4	-0.9/-2.2	-1.3/-2.1	-1.4/-1.5	-2.5/-2.0	-2.5/-1.7	-4.9/-7.3	-6.6/-7.6	-5.2/-8.0	-5.2/-8.3	-5.1/-8.6	-4.2/-9.0	-3.3/-9.3	-4.0/--
DAY	-2.27	0.1/0.0	0.4/0.0	-0.1/0.2	-0.0/1.1	-0.0/1.1	-0.8/-0.3	-0.9/0.5	-3.6/-5.6	-5.9/-5.9	-4.9/-6.3	-5.0/-6.7	-4.6/-7.0	-3.2/-7.4	-2.3/-7.8	-3.3/--
DBQ	0.89	0.1/0.0	-0.1/1.2	1.0/2.0	2.5/1.8	4.0/1.9	3.0/3.4	1.8/2.9	-0.1/-0.5	-0.6/-0.8	-0.8/-1.2	-1.2/-1.5	-0.1/-1.9	0.6/-2.3	1.3/-2.6	1.8/--
DCA	0.14	1.8/0.0	3.0/1.2	3.4/1.0	3.0/2.0	1.8/1.9	0.2/1.6	0.7/1.6	0.9/-4.0	-1.4/-4.3	-1.8/-4.6	-2.1/-4.9	-2.3/-5.2	-1.8/-5.5	-1.4/-5.8	-1.8/--
DEC	-2.04	-1.7/0.0	-1.7/-0.7	-1.3/0.3	0.3/0.6	1.1/0.6	0.0/1.0	-1.2/-0.2	-3.7/-5.3	-5.5/-5.7	-4.6/-6.0	-4.4/-6.3	-3.4/-6.7	-2.3/-7.0	-1.3/-7.3	-1.1/--
DEN	1.59	0.1/0.0	0.4/-0.2	0.8/1.2	1.7/1.1	1.9/0.6	1.9/-0.3	1.8/0.3	1.4/-4.0	1.8/-4.4	1.6/-4.7	1.8/-5.0	2.2/-5.3	2.0/-5.6	2.1/-5.9	2.3/--
DFW	-0.31	0.5/0.0	0.1/-0.4	-0.2/0.0	-0.1/-0.1	0.6/1.6	0.4/1.6	-1.5/1.3	-1.4/-1.3	-4.1/-1.6	-2.2/-1.8	-0.1/-2.1	0.2/-2.4	0.9/-2.7	1.1/-3.0	1.2/--
DLH	4.38	0.8/0.0	1.2/0.9	2.0/0.8	3.3/1.2	4.2/3.6	4.6/3.6	5.0/5.0	4.3/1.8	5.2/1.5	4.9/1.2	5.1/0.8	5.8/0.5	5.9/0.2	6.4/-0.2	7.1/--
DSM	-0.00	-1.0/0.0	-0.8/-0.3	-0.3/0.3	1.8/0.5	2.5/0.2	1.6/0.5	-0.1/0.3	-2.1/-5.1	-1.1/-5.5	-1.0/-5.8	-1.5/-6.2	-0.3/-6.6	0.1/-6.9	1.1/-7.3	1.0/--
DTW	0.54	0.3/0.0	0.9/0.9	1.1/0.7	2.2/1.0	3.2/1.0	2.0/1.2	1.8/1.1	-0.9/-1.5	-2.1/-1.9	-1.3/-2.2	-1.5/-2.6	-0.7/-3.0	1.0/-3.3	1.4/-3.7	0.9/--
ELP	1.66	-1.2/0.0	-0.9/0.7	-1.1/0.3	-1.2/1.5	-1.4/1.7	-1.2/1.9	-0.3/2.5	0.7/0.3	2.2/0.0	3.8/-0.3	4.7/-0.6	4.8/-1.0	4.8/-1.3	5.3/-1.6	6.0/--
ERI	-0.69	0.4/0.0	0.6/0.9	-1.0/1.5	-0.7/0.8	-0.4/-0.1	-1.1/0.3	1.2/1.1	-1.7/-1.5	-4.1/-1.9	-2.5/-2.3	-1.9/-2.6	-1.3/-3.0	0.5/-3.3	1.4/-3.6	0.4/--
EUG	0.53	-0.9/0.0	0.3/0.2	0.5/-0.3	-0.1/-0.1	-0.3/1.8	0.2/1.6	1.4/1.9	2.4/-0.6	2.4/-0.7	1.2/-0.9	0.6/-1.1	0.0/-1.3	0.0/-1.4	0.2/-1.5	-0.0/--
EVV	-2.45	-0.6/0.0	-0.5/0.1	-0.8/-0.5	-0.3/-0.5	0.2/-0.5	-0.9/-0.4	-1.1/-1.1	-3.4/-7.7	-5.6/-8.0	-5.4/-8.4	-4.9/-8.7	-4.0/-9.0	-3.3/-9.4	-3.0/-9.7	-3.1/--
EWR	0.65	-0.1/0.0	-0.1/2.7	0.7/2.9	1.1/3.3	0.7/3.1	0.5/3.1	0.9/3.6	1.9/-0.4	0.9/-0.7	0.5/-1.1	-0.5/-1.5	0.1/-1.8	0.7/-2.2	1.2/-2.6	1.1/--
FAR	4.68	0.7/0.0	1.0/4.0	2.2/3.2	4.4/5.5	4.9/5.4	4.6/7.9	4.2/7.9	3.5/4.2	4.3/3.8	5.1/3.5	5.6/3.1	6.6/2.7	7.0/2.4	7.9/2.0	8.2/--
FAT	-0.87	0.1/0.0	0.6/1.0	0.0/1.3	-0.3/1.1	-0.4/0.2	-0.6/0.2	-0.7/-0.5	-0.6/-6.4	-0.4/-6.6	-1.3/-6.8	-1.0/-7.0	-1.8/-7.2	-2.0/-7.4	-2.2/-7.6	-2.5/--
FLG	3.14	2.8/0.0	2.1/0.6	2.2/0.4	2.9/1.7	2.3/0.7	2.5/0.8	2.5/-0.6	3.2/-2.5	3.5/-2.7	3.6/-2.9	4.4/-3.2	4.3/-3.4	3.9/-3.6	3.5/-3.8	3.4/--
FMY	-1.49	-1.5/0.0	-1.7/-1.4	-2.3/-1.4	-2.3/-1.5	-2.5/-1.4	-2.5/-2.0	-2.2/-2.5	-1.8/-3.1	-1.4/-3.3	-0.7/-3.5	-0.4/-3.7	-0.6/-3.9	-0.7/-4.1	-0.7/-4.3	-1.2/--
FSD	3.96	2.3/0.0	2.1/3.7	2.7/4.2	4.9/5.0	5.4/4.0	4.2/5.5	3.5/4.9	2.1/-2.0	3.3/-2.4	3.7/-2.8	3.5/-3.1	4.7/-3.5	4.8/-3.9	6.0/-4.3	6.2/--
FWA	-2.20	-1.1/0.0	-1.0/-0.2	-1.1/0.2	-0.5/0.4	-0.0/0.9	-1.3/0.1	-2.1/1.5	-5.2/-3.9	-7.3/-4.2	-3.9/-4.6	-3.8/-5.0	-2.9/-5.3	-1.1/-5.7	-0.5/-6.1	-1.1/--

GAD	-1.71	0.2/0.0	-0.4/-1.3	-1.0/0.0	-1.3/-1.0	-1.5/-0.9	-0.9/-0.7	-0.5/-0.8	-2.8/-4.9	-3.7/-5.2	-2.8/-5.5	-2.2/-5.8	-2.5/-6.1	-2.1/-6.4	-1.6/-6.7	-2.5/--
GEG	-2.50	-1.1/0.0	-1.7/-2.0	-2.2/-0.3	-2.4/-1.0	-3.1/-1.9	-2.5/-2.4	-1.7/-3.0	-0.8/-8.5	-1.0/-8.8	-1.6/-9.1	-2.1/-9.3	-3.5/-9.5	-4.3/-9.8	-4.7/-10.1	-4.8/--
GTF	-1.34	-1.1/0.0	0.2/-0.2	0.7/1.0	1.2/0.0	0.3/-0.3	0.1/-1.0	-0.1/-1.3	0.1/-7.2	-0.2/-7.5	-0.9/-7.8	-2.6/-8.1	-3.3/-8.4	-4.4/-8.7	-4.8/-8.9	-5.2/--
HOU	2.51	0.0/0.0	-0.2/-0.1	-0.1/-0.2	0.0/0.2	-0.0/0.5	0.8/1.1	2.0/1.5	2.5/-0.4	3.0/-0.6	4.6/-0.8	4.5/-1.0	5.0/-1.3	5.1/-1.5	5.1/-1.7	5.2/--
HSV	-1.10	0.1/0.0	-0.6/-0.9	-0.9/-0.9	-1.0/-0.9	-1.1/-0.5	-0.8/-0.9	-0.4/-1.1	-2.0/-6.1	-2.2/-6.4	-0.9/-6.7	-1.1/-7.0	-1.4/-7.3	-1.3/-7.6	-0.8/-7.9	-2.3/--
IAH	2.15	0.9/0.0	1.0/-0.4	0.5/-0.2	0.1/0.0	0.3/0.8	0.7/1.0	1.4/1.2	1.7/-0.7	2.3/-0.9	2.8/-1.1	3.5/-1.4	4.3/-1.7	4.5/-1.9	4.2/-2.1	4.1/--
ICT	1.89	0.7/0.0	0.9/0.5	1.6/2.2	2.6/2.7	3.6/3.7	4.3/2.5	3.7/2.4	2.6/-2.5	1.2/-2.8	0.5/-3.2	0.5/-3.5	1.1/-3.8	1.5/-4.2	1.9/-4.5	1.6/--
ILG	0.64	1.7/0.0	2.7/1.9	2.8/1.7	2.4/3.0	1.5/2.2	0.5/1.6	1.1/2.1	1.8/-2.9	0.1/-3.2	-0.5/-3.5	-1.3/-3.9	-1.4/-4.3	-0.8/-4.6	-0.3/-5.0	-0.7/--
IND	-1.66	0.7/0.0	1.4/-0.6	0.6/-0.6	0.9/-0.6	1.1/-0.2	0.4/-0.2	-0.0/0.0	-2.8/-7.0	-5.2/-7.4	-4.4/-7.8	-4.4/-8.1	-4.1/-8.5	-3.3/-8.9	-2.4/-9.2	-3.1/--
IPT	1.03	1.0/0.0	1.4/1.3	2.0/1.8	2.1/2.3	1.6/0.2	0.7/1.6	1.6/1.7	2.1/-2.8	-0.5/-3.2	-0.3/-3.5	-0.3/-3.8	0.1/-4.1	1.0/-4.4	1.7/-4.7	1.2/--
JAN	0.77	0.4/0.0	0.3/-0.5	0.3/0.2	-0.0/-0.8	0.0/-0.4	-0.1/0.3	0.4/0.3	-0.4/-2.6	0.7/-2.9	1.1/-3.1	1.6/-3.4	1.8/-3.7	1.7/-4.0	2.1/-4.3	1.6/--
JAX	-2.06	-1.6/0.0	-1.5/-1.0	-1.9/-1.4	-2.2/-1.0	-2.5/-1.6	-2.8/-1.1	-2.6/-1.8	-2.0/-5.0	-1.8/-5.3	-1.5/-5.6	-1.8/-5.8	-1.8/-6.0	-2.1/-6.3	-2.2/-6.6	-2.7/--
JFK	0.98	-0.2/0.0	0.3/1.0	1.1/1.9	1.7/2.8	1.4/2.2	1.1/2.8	1.5/2.1	2.1/-3.1	1.0/-3.4	0.2/-3.7	-0.4/-4.0	0.3/-4.3	1.1/-4.6	1.7/-4.9	1.7/--
LAN	1.55	0.5/0.0	0.9/2.4	1.4/2.0	2.5/1.4	3.4/2.3	2.0/0.6	2.1/2.7	-0.5/-1.9	-1.2/-2.3	0.4/-2.7	0.4/-3.0	1.5/-3.4	3.4/-3.8	3.4/-4.1	3.2/--
LAS	0.28	0.1/0.0	0.3/-0.2	0.2/0.1	0.6/0.1	0.8/-1.4	0.7/-2.6	0.7/-2.6	1.2/-9.5	1.1/-9.8	0.7/-10.1	0.7/-10.4	0.0/-10.7	-0.3/-11.0	-1.1/-11.3	-1.4/--
LAX	-1.03	-1.9/0.0	-1.7/-0.5	-2.1/0.1	-1.9/-0.1	-1.6/-0.3	-1.6/-1.3	-1.3/-0.5	-0.7/-1.8	-0.8/-1.9	-0.7/-2.0	-0.2/-2.1	-0.1/-2.2	-0.1/-2.4	-0.3/-2.5	-0.4/--
LEX	-2.48	-0.2/0.0	-0.1/-1.5	-0.7/-1.2	-0.9/-0.3	-0.7/-0.1	-1.1/-0.2	-0.9/-0.6	-3.4/-7.0	-5.1/-7.4	-4.9/-7.7	-4.7/-8.0	-4.4/-8.4	-3.6/-8.7	-3.1/-9.0	-3.6/--
LFK	3.37	1.1/0.0	1.2/-0.8	0.6/0.7	0.7/0.1	1.1/1.6	1.7/1.8	2.3/2.8	2.5/-0.1	3.2/-0.3	3.8/-0.5	5.4/-0.8	6.1/-1.1	6.6/-1.3	7.1/-1.6	7.1/--
LGA	1.47	1.8/0.0	2.1/2.9	2.5/2.5	3.1/3.9	2.6/2.7	2.1/3.0	2.3/2.8	2.6/-1.0	1.6/-1.3	0.9/-1.6	-0.5/-2.0	-0.1/-2.3	0.2/-2.6	0.4/-3.0	0.3/--
LGB	-0.36	-1.4/0.0	-0.9/-0.1	-1.9/-0.3	-2.3/-0.7	-2.4/-1.0	-2.0/-1.2	-1.7/-1.2	-0.8/-1.8	-0.0/-1.9	1.0/-2.0	1.0/-2.2	1.3/-2.4	1.5/-2.6	1.6/-2.7	1.5/--
LIT	-0.42	0.2/0.0	0.5/-0.7	0.2/-1.2	0.1/-0.5	0.0/0.6	0.3/0.6	0.3/0.0	-0.6/-3.8	-2.2/-4.1	-2.7/-4.4	-1.2/-4.7	-0.7/-5.0	-0.4/-5.3	0.1/-5.6	-0.2/--
LNS	0.13	0.5/0.0	1.1/2.9	1.7/2.3	1.7/3.0	1.1/1.9	0.2/1.8	1.0/2.4	1.8/-8.1	-0.1/-8.5	-1.2/-8.9	-1.8/-9.2	-1.7/-9.6	-0.9/-10.0	-0.5/-10.3	-1.1/--
MAF	1.63	0.5/0.0	0.7/0.7	0.4/1.3	0.3/2.3	0.1/2.5	-0.3/1.7	-0.4/2.5	-0.1/-0.5	-0.1/-0.8	1.8/-1.1	3.0/-1.4	4.3/-1.7	4.5/-2.0	4.4/-2.3	5.2/--
MBA	4.06	0.7/0.0	1.6/1.9	2.4/3.0	3.0/3.4	3.6/3.3	4.0/4.4	4.0/5.4	5.8/1.6	4.4/1.3	4.2/1.0	4.7/0.7	4.8/0.4	5.6/0.1	6.0/-0.2	6.0/--
MCI	-0.44	-0.4/0.0	-0.1/0.1	0.8/0.1	1.8/0.4	1.9/0.5	1.7/0.5	0.2/-1.5	-1.1/-5.3	-1.7/-5.6	-2.6/-6.0	-2.9/-6.3	-1.9/-6.6	-1.1/-7.0	-0.3/-7.3	-1.0/--
MCN	-1.70	0.5/0.0	0.6/0.3	0.2/-0.3	-0.1/-0.3	-1.5/-0.3	-1.8/-0.2	-1.6/-0.7	-2.6/-5.0	-2.8/-5.3	-2.3/-5.6	-2.7/-5.9	-3.0/-6.3	-3.0/-6.6	-2.7/-6.9	-2.9/--
MCO	1.26	-0.4/0.0	0.0/2.0	0.1/2.0	0.3/2.1	0.5/1.2	0.5/1.8	1.1/1.5	1.8/-1.1	2.1/-1.3	2.3/-1.6	2.6/-1.8	2.3/-2.0	2.1/-2.2	2.0/-2.4	1.4/--
MDT	0.99	1.6/0.0	2.6/1.9	3.2/2.0	3.1/2.7	2.5/2.4	1.3/2.2	1.7/2.6	1.7/-3.1	-0.2/-3.4	-1.2/-3.7	-1.2/-4.1	-1.1/-4.4	0.0/-4.7	0.5/-5.1	0.3/--
MEM	-1.82	0.5/0.0	0.9/-0.4	0.2/-0.2	-1.1/-0.1	-1.6/0.8	-1.9/-0.7	-1.2/-0.7	-2.9/-5.3	-3.6/-5.5	-3.5/-5.8	-2.8/-6.1	-2.9/-6.4	-2.7/-6.7	-2.0/-7.0	-2.8/--
MHT	4.60	1.6/0.0	2.7/2.0	3.7/3.6	4.5/3.8	5.0/3.7	5.1/4.5	4.9/5.1	6.5/-5.0	5.2/-5.3	4.2/-5.6	4.6/-6.0	4.6/-6.3	5.3/-6.6	5.6/-7.0	5.5/--
MIA	2.26	0.3/0.0	0.2/1.2	0.3/1.6	0.7/0.9	1.0/0.3	1.3/0.9	2.0/0.7	2.6/-0.1	3.2/-0.2	3.8/-0.3	3.7/-0.4	3.9/-0.5	3.9/-0.7	3.7/-0.9	3.4/--
MKE	4.07	0.6/0.0	0.8/1.7	1.5/1.3	3.6/0.9	5.9/1.7	6.0/2.8	5.5/3.8	3.5/-0.1	3.2/-0.4	4.5/-0.8	3.4/-1.2	4.7/-1.5	5.8/-1.9	6.1/-2.3	6.0/--
MOB	0.74	0.3/0.0	0.2/-1.2	-0.2/-0.3	-1.1/0.1	-1.6/-0.5	-1.3/-0.3	-0.8/-0.5	-0.3/-3.5	0.3/-3.7	1.3/-4.0	2.4/-4.3	2.8/-4.5	2.9/-4.7	3.3/-5.0	3.0/--
MSP	3.50	1.7/0.0	2.5/0.7	3.0/1.8	5.5/2.0	5.7/3.0	4.8/3.4	3.8/4.2	1.9/-1.7	2.8/-2.1	2.3/-2.4	1.9/-2.7	3.5/-3.1	3.7/-3.4	4.8/-3.8	4.5/--
MSY	0.42	-0.6/0.0	-0.9/-1.5	-1.4/-1.4	-1.7/-1.1	-1.9/0.1	-0.9/0.1	-0.3/-1.0	0.1/-3.3	0.7/-3.6	1.5/-3.8	1.9/-4.0	2.5/-4.2	2.7/-4.5	2.6/-4.7	2.2/--
MWL	1.98	1.0/0.0	1.1/1.6	0.4/1.0	0.6/0.8	1.2/1.3	0.3/2.4	-0.2/2.4	0.5/1.8	0.5/1.6	2.2/1.4	3.3/1.1	4.0/0.8	4.8/0.6	4.8/0.3	5.2/--
NKX	-2.87	-2.8/0.0	-2.4/-1.3	-3.0/-2.3	-3.4/-1.4	-3.6/-1.2	-3.2/-3.4	-3.0/-1.4	-2.7/0.0	-2.3/0.0	-2.7/0.0	-3.1/0.0	-3.0/0.0	-2.9/0.0	-2.5/0.0	-2.5/--
NTU	-4.66	-1.6/0.0	-1.7/-1.6	-2.0/-2.2	-2.0/-2.4	-3.3/-3.1	-5.0/-3.4	-4.8/-3.5	-4.2/-9.0	-6.1/-9.3	-6.3/-9.7	-6.9/-10.0	-7.1/-10.3	-6.6/-10.7	-5.8/-11.0	-6.5/--
OAK	0.55	-1.2/0.0	-1.1/0.5	-1.0/1.1	-1.8/1.6	-1.9/1.2	-2.1/1.4	-0.8/0.7	0.3/1.7	1.7/1.6	2.1/1.5	3.0/1.4	2.8/1.3	2.7/1.2	2.9/1.1	2.9/--
OKC	1.63	0.8/0.0	0.8/1.0	0.9/2.0	2.1/2.5	3.0/3.3	3.0/3.0	2.7/2.5	1.8/0.3	-0.5/0.0	0.2/-0.3	1.1/-0.6	1.7/-0.9	2.2/-1.3	2.4/-1.6	2.0/--
OMA	-1.23	0.4/0.0	0.5/-0.8	1.4/0.6	2.1/0.1	1.7/0.0	0.1/0.5	-1.7/-1.1	-2.7/-6.5	-3.0/-6.9	-3.4/-7.3	-4.1/-7.6	-3.1/-8.0	-2.6/-8.3	-1.8/-8.6	-2.2/--
ORD	0.62	1.0/0.0	1.7/0.5	1.5/0.1	2.2/1.5	2.9/2.5	2.2/2.1	1.3/2.6	-1.4/-2.5	-2.2/-2.9	-2.1/-3.2	-1.4/-3.6	-0.2/-4.0	0.8/-4.3	1.5/-4.7	1.5/--
ORH	5.15	2.0/0.0	2.7/3.9	3.4/5.3	4.1/5.3	4.5/5.1	4.6/5.7	5.8/6.4	6.3/2.1	5.0/1.8	4.8/1.5	5.9/1.1	6.1/0.8	7.1/0.5	7.7/0.1	7.4/--
PDT	1.81	1.2/0.0	2.8/0.9	2.9/1.1	1.8/0.1	0.9/-0.5	2.3/-1.5	4.1/-1.9	4.7/-5.2	4.2/-5.4	3.2/-5.7	1.9/-5.9	-0.0/-6.1	-0.6/-6.3	-1.1/-6.5	-1.2/--
PDX	-1.90	-5.8/0.0	-0.1/-0.9	-0.3/-0.6	-0.9/-1.1	-1.6/-0.3	-1.1/-0.3	-0.6/-0.4	-0.5/-4.6	-0.8/-4.8	-1.8/-5.0	-2.6/-5.2	-3.1/-5.4	-3.0/-5.5	-3.1/-5.7	-3.1/--
PHL	1.19	1.7/0.0	2.7/1.7	3.4/2.0	3.6/2.6	2.8/1.8	1.9/1.6	2.1/2.0	2.7/-2.0	0.8/-2.3	-0.4/-2.7	-1.1/-3.0	-1.1/-3.4	-0.6/-3.8	-0.1/-4.1	-0.4/--
PHX	-0.38	-1.9/0.0	-1.5/-0.3	-0.5/-0.9	-0.8/-0.2	-1.2/-0.3	-1.0/-0.3	-0.6/-0.4	-0.1/-6.7	0.7/-7.0	0.3/-7.3	0.7/-7.6	0.5/-7.9	0.3/-8.2	0.1/-8.5	-0.4/--
PIR	0.89	-1.1/0.0	-1.2/2.9	-0.5/2.3	0.5/4.1	0.6/3.8	-0.7/3.7	-0.9/3.3	-1.9/-0.2	0.0/-0.6	1.8/-0.9	1.8/-1.3	2.7/-1.7	3.7/-2.0	4.1/-2.4	4.4/--
PIT	-1.78	-0.0/0.0	-0.3/-1.3	-0.7/-1.0	-0.3/-1.0	-0.6/-0.1	-0.9/-0.9	0.2/0.5	-2.6/-5.6	-5.0/-5.9	-3.9/-6.2	-3.8/-6.5	-3.7/-6.8	-1.9/-7.1	-1.2/-7.5	-2.2/--
PVD	1.29	0.1/0.0	0.6/1.5	1.0/2.3	1.4/2.8	1.3/2.9	1.4/3.2	1.3/3.3	2.4/-0.5	1.4/-0.8	1.1/-1.1	0.8/-1.4	1.0/-1.7	1.7/-2.0	2.0/-2.3	1.8/--
PWM	3.09	-0.3/0.0	0.6/1.3	1.4/1.2	1.7/1.3	2.3/2.5	2.8/3.4	3.1/3.3	4.4/1.1	3.3/0.8	3.3/0.5	4.1/0.2	4.1/-0.1	4.9/-0.4	5.4/-0.7	5.4/--
RAL	0.16	-1.8/0.0	-1.8/3.0	-2.1/3.1	-1.9/3.0	-1.8/1.7	-1.5/1.5	-0.7/1.5	0.1/1.9	0.4/1.7	2.0/1.5	2.3/1.3	2.4/1.2	2.2/1.1	2.3/1.0	2.2/--
RAP	-1.15	-0.2/0.0	-1.4/2.9	-1.7/3.6	-1.7/3.3	-2.0/3.2	-2.6/2.3	-2.4/2.2	-2.2/-2.9	-0.7/-3.2	-0.7/-3.5	-1.6/-3.8	-2.1/-4.2	-1.6/-4.5	1.7/-4.8	2.0/--
RBL	-0.98	-2.0/0.0	-1.2/-1.7	-1.0/-1.2	-1.0/-0.5	-0.9/-0.9	-0.6/-1.5	0.1/-2.7	0.5/-6.4	0.6/-6.6	-0.4/-6.8	-0.4/-7.1	-1.3/-7.4	-1.9/-7.6	-2.4/-7.8	-2.9/--
RDD	-0.98	-0.8/0.0	0.5/-0.8	-0.0/-0.5	0.3/0.1	-0.2/0.4	0.1/-1.3	0.7/-2.1	0.8/-9.2	0.6/-9.5	-0.9/-9.8	-1.5/-10.0	-2.4/-10.3	-3.3/-10.6	-3.9/-10.9	-4.5/--
RDU	-2.29	-0.3/0.0	-0.3/-1.5	-0.4/-2.4	-0.3/-2.3	-1.1/-1.9	-2.3/-2.7	-2.6/-2.3	-2.4/-8.9	-3.7/-9.2	-3.3/-9.5	-3.6/-9.8	-3.8/-10.1	-3.5/-10.4	-3.0/-10.8	-3.9/--
RIC	-3.81	-1.5/0.0	-1.6/-1.1	-2.0/-2.5	-2.4/-1.5	-3.1/-1.1	-4.2/-1.9	-3.8/-1.9	-3.2/-8.2	-4.6/-8.5	-4.9/-8.8	-5.4/-9.1	-5.6/-9.4	-5.2/-9.7	-4.5/-10.0	-5.2/--
RNO	1.58	1.1/0.0	1.7/1.9	1.6/2.4	1.7/1.4	2.0/-1.4	2.2/-1.8	2.9/-2.3	3.9/-13.5	4.1/-13.7	2.7/-13.9	1.7/-14.1	0.6/-14.4	-0.1/-14.6	-0.9/-14.8	-1.5/--

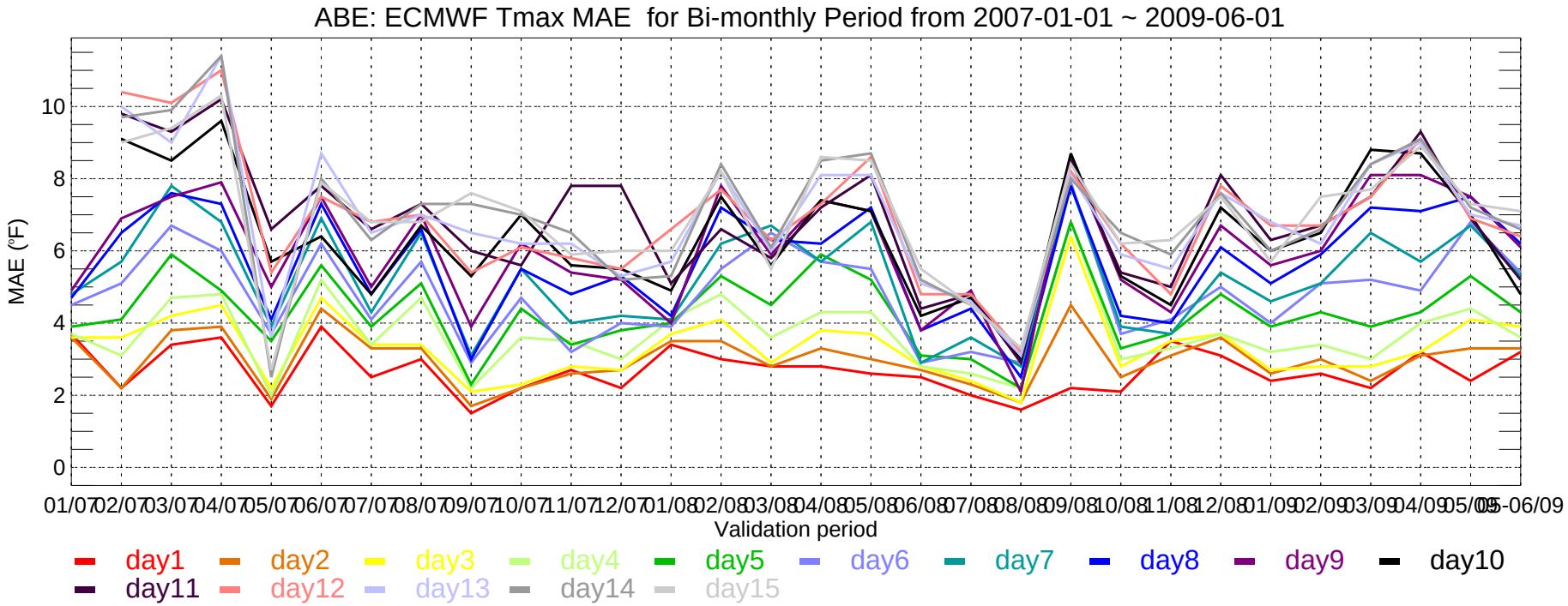
ROA	-0.88	-0.3/0.0	-0.8/0.7	-0.6/-0.2	-0.2/-0.2	-0.9/0.5	-1.1/0.6	-0.4/0.5	-0.6/-6.8	-1.3/-7.1	-1.4/-7.3	-1.4/-7.6	-1.5/-7.9	-1.0/-8.2	-0.6/-8.4	-1.2/--
ROC	-0.61	0.4/0.0	0.3/0.3	0.3/0.4	0.2/-0.3	0.2/-0.9	-0.7/0.4	-0.1/0.5	-1.9/-1.2	-3.6/-1.5	-3.2/-1.8	-1.8/-2.1	-1.1/-2.4	0.3/-2.8	1.0/-3.2	0.5/--
SAC	2.07	0.8/0.0	1.4/2.6	4.7/2.6	2.2/3.0	1.8/2.9	1.8/2.7	2.1/1.6	2.5/-1.9	2.6/-2.0	1.9/-2.1	2.5/-2.3	2.1/-2.5	1.7/-2.7	1.4/-2.9	1.3/--
SAN	0.58	-0.5/0.0	-0.1/0.9	-0.2/2.3	-0.3/1.7	-0.3/1.0	0.1/0.6	0.1/1.1	0.6/0.1	1.2/0.0	1.1/-0.1	0.9/-0.2	1.2/-0.3	1.4/-0.4	1.7/-0.5	1.9/--
SAT	1.89	-0.7/0.0	-0.4/0.1	-0.7/-0.4	-0.2/0.4	0.9/1.0	0.9/0.8	1.6/0.9	2.4/-1.0	2.6/-1.3	3.3/-1.6	3.0/-1.8	3.6/-2.0	3.8/-2.3	4.1/-2.6	4.1/--
SAV	-2.82	-0.9/0.0	-0.7/-1.8	-0.5/-2.1	-1.2/-2.4	-2.7/-2.2	-3.5/-2.4	-2.7/-2.2	-3.4/-6.3	-3.9/-6.6	-3.2/-6.9	-3.8/-7.1	-3.7/-7.4	-4.0/-7.7	-3.7/-7.9	-4.3/--
SDF	-2.11	-0.4/0.0	-0.3/-0.1	-0.7/-0.1	-0.4/-0.2	0.1/0.6	-0.8/0.5	-0.5/0.3	-2.9/-6.9	-4.6/-7.2	-4.6/-7.5	-4.3/-7.8	-3.8/-8.1	-2.9/-8.4	-2.5/-8.7	-2.8/--
SEA	0.57	1.7/0.0	2.1/-0.8	1.6/-0.3	0.9/-1.0	-0.1/0.0	0.5/0.2	1.9/0.7	2.6/-2.4	1.9/-2.6	0.8/-2.8	-0.0/-2.9	-1.1/-3.0	-1.2/-3.2	-1.3/-3.4	-1.6/--
SFO	0.08	-1.1/0.0	-1.2/0.8	-1.1/1.6	-1.3/1.6	-1.2/1.1	-1.2/1.2	-0.7/1.0	-0.2/-0.5	0.5/-0.6	0.7/-0.7	1.4/-0.8	1.6/-0.9	1.6/-1.0	1.6/-1.1	1.6/--
SJC	0.03	-1.2/0.0	-1.0/0.8	-0.8/1.6	-1.7/1.2	-1.7/0.7	-1.9/0.3	-0.7/0.5	0.5/-1.9	1.4/-2.0	0.8/-2.1	1.7/-2.3	1.4/-2.5	1.1/-2.6	1.3/-2.7	1.2/--
SJT	3.34	0.8/0.0	0.9/2.7	0.3/1.3	0.4/1.0	1.8/1.8	1.4/3.6	1.5/3.5	2.3/1.3	2.5/1.0	4.0/0.7	5.3/0.4	6.4/0.2	7.4/-0.1	7.3/-0.4	7.8/--
SLC	0.54	0.3/0.0	0.5/1.7	1.6/2.8	1.2/2.8	0.9/2.1	0.1/-0.2	0.1/0.5	0.4/-7.0	1.1/-7.3	0.4/-7.6	1.3/-7.9	0.7/-8.2	-0.1/-8.5	-0.1/-8.8	-0.1/--
SSI	-0.26	-0.6/0.0	-0.5/0.2	-0.4/1.5	-0.9/0.1	-1.2/-0.1	-0.9/0.7	-0.7/-0.4	-0.2/-2.7	-0.4/-2.9	1.0/-3.1	0.3/-3.4	0.1/-3.7	0.0/-3.9	0.3/-4.2	0.1/--
STL	-1.38	0.9/0.0	1.1/0.2	1.2/0.2	2.0/0.1	1.8/0.2	1.0/0.5	0.3/-0.2	-2.3/-5.9	-5.2/-6.3	-5.7/-6.6	-4.5/-6.9	-3.7/-7.3	-3.0/-7.6	-2.3/-7.9	-2.2/--
SYR	0.86	0.3/0.0	0.3/1.6	0.9/1.9	1.0/1.8	1.0/1.2	-0.0/2.7	1.4/2.7	0.5/-0.3	-0.9/-0.6	-0.8/-0.9	0.2/-1.2	1.0/-1.5	2.3/-1.9	2.9/-2.2	2.9/--
TLH	-0.67	1.1/0.0	1.1/-0.9	0.4/-0.4	-0.1/-0.4	-1.0/-1.3	-1.2/-1.5	-1.6/-1.3	-1.5/-3.8	-1.8/-4.1	-1.5/-4.4	-1.1/-4.7	-0.8/-5.0	-0.8/-5.3	-0.7/-5.7	-0.7/--
TPA	0.09	-0.7/0.0	-0.9/0.4	-1.1/0.6	-1.5/-0.1	-1.8/-0.1	-1.7/-0.4	-1.1/0.4	-0.4/-1.6	0.1/-1.8	1.2/-2.0	1.6/-2.3	1.6/-2.5	1.9/-2.7	2.2/-2.9	2.0/--
TRM	3.58	2.9/0.0	4.4/1.1	3.0/0.6	2.7/1.7	2.7/0.8	2.1/-0.4	2.5/0.8	3.4/-1.6	3.5/-1.8	5.1/-2.0	4.5/-2.2	4.8/-2.5	4.1/-2.8	4.2/-3.0	3.8/--
TUL	-1.12	-0.8/0.0	-0.2/-1.7	-0.5/-1.3	0.0/-0.5	0.2/1.2	0.0/2.1	-1.1/0.9	-0.8/-2.3	-3.4/-2.6	-3.0/-3.0	-2.1/-3.3	-1.5/-3.6	-1.4/-4.0	-0.9/-4.3	-1.3/--
TUS	1.45	-0.2/0.0	0.3/0.7	-0.3/1.2	-0.4/1.6	-1.0/-0.5	-0.7/0.2	-0.3/0.4	0.8/-5.0	2.5/-5.3	3.1/-5.6	4.0/-5.9	3.5/-6.2	3.6/-6.5	3.6/-6.8	3.3/--
TYR	3.16	1.1/0.0	1.5/-0.2	1.1/1.2	1.6/1.8	2.0/4.0	2.6/3.5	2.0/3.6	2.1/1.3	1.8/1.0	3.0/0.7	4.8/0.4	5.4/0.2	5.8/-0.1	6.4/-0.4	6.2/--
TYS	-1.66	0.8/0.0	0.1/-0.7	-0.8/-0.6	-1.4/-0.6	-1.8/0.6	-1.4/0.1	-1.1/0.2	-2.3/-5.1	-3.3/-5.4	-2.6/-5.7	-2.5/-6.0	-2.5/-6.3	-2.0/-6.6	-1.3/-6.9	-2.9/--
VCT	1.99	-1.0/0.0	-1.1/-0.9	-1.5/-1.1	-1.6/-0.2	-0.8/0.3	-0.2/1.1	0.9/0.4	1.6/1.5	2.4/1.3	3.4/1.1	4.6/0.9	5.2/0.6	5.7/0.4	6.1/0.2	6.3/--
WJF	1.02	0.5/0.0	1.6/1.2	1.0/1.4	0.5/0.7	0.5/0.1	1.1/-0.1	1.8/0.6	2.1/-3.3	2.6/-3.5	1.0/-3.8	1.6/-4.1	1.1/-4.4	0.3/-4.6	-0.2/-4.9	-0.3/--
YKM	-3.57	-1.3/0.0	-0.7/-2.0	-1.6/-2.7	-3.4/-2.2	-4.0/-2.0	-3.4/-2.2	-2.9/-3.1	-2.1/-10.3	-2.1/-10.5	-2.9/-10.7	-3.7/-11.0	-5.7/-11.2	-6.2/-11.4	-6.6/-11.6	-6.9/--
YNG	-0.74	1.2/0.0	1.7/0.3	0.9/0.4	0.5/0.9	0.3/-0.7	-0.6/-0.9	0.4/1.6	-2.5/-4.4	-5.1/-4.7	-2.7/-5.0	-2.5/-5.3	-2.3/-5.6	-0.3/-5.9	0.4/-6.2	-0.6/--
YQB	3.70	-0.1/0.0	-0.1/0.0	0.7/0.0	1.7/0.0	2.3/0.0	2.3/0.0	3.0/0.0	4.2/1.9	3.5/1.5	4.7/1.2	5.6/0.8	6.2/0.5	6.9/0.1	7.5/-0.2	7.1/--
YUL	1.12	-1.8/0.0	-2.0/0.0	-1.0/0.0	-0.1/0.0	0.6/0.0	0.1/0.0	2.0/0.0	0.7/-0.1	0.6/-0.4	1.8/-0.8	2.0/-1.1	2.8/-1.5	3.6/-1.9	3.9/-2.2	3.6/--
YVR	-1.73	-0.9/0.0	-0.7/0.0	-1.0/0.0	-1.5/0.0	-2.1/0.0	-1.6/0.0	-0.5/0.0	-0.6/-3.0	-1.2/-3.2	-2.1/-3.4	-2.4/-3.5	-2.8/-3.7	-2.7/-3.9	-2.9/-4.1	-3.0/--
YXD	3.05	2.5/0.0	3.3/0.0	3.4/0.0	3.1/0.0	2.7/0.0	3.0/0.0	2.5/0.0	3.4/4.2	4.0/3.9	3.7/3.6	3.3/3.3	3.3/3.1	3.0/2.8	2.2/2.5	2.3/--
YYC	-0.23	-2.0/0.0	-1.6/0.0	-0.9/0.0	-0.5/0.0	-0.7/0.0	-0.2/0.0	0.5/0.0	1.0/-4.6	1.5/-4.8	2.1/-5.1	1.0/-5.4	0.1/-5.7	-0.8/-6.0	-1.4/-6.2	-1.5/--
YYZ	1.59	1.3/0.0	1.7/0.0	1.7/0.0	1.9/0.0	2.4/0.0	1.5/0.0	2.5/0.0	0.5/-2.7	-0.7/-3.0	0.7/-3.3	0.5/-3.7	1.2/-4.0	2.7/-4.3	3.0/-4.6	2.7/--

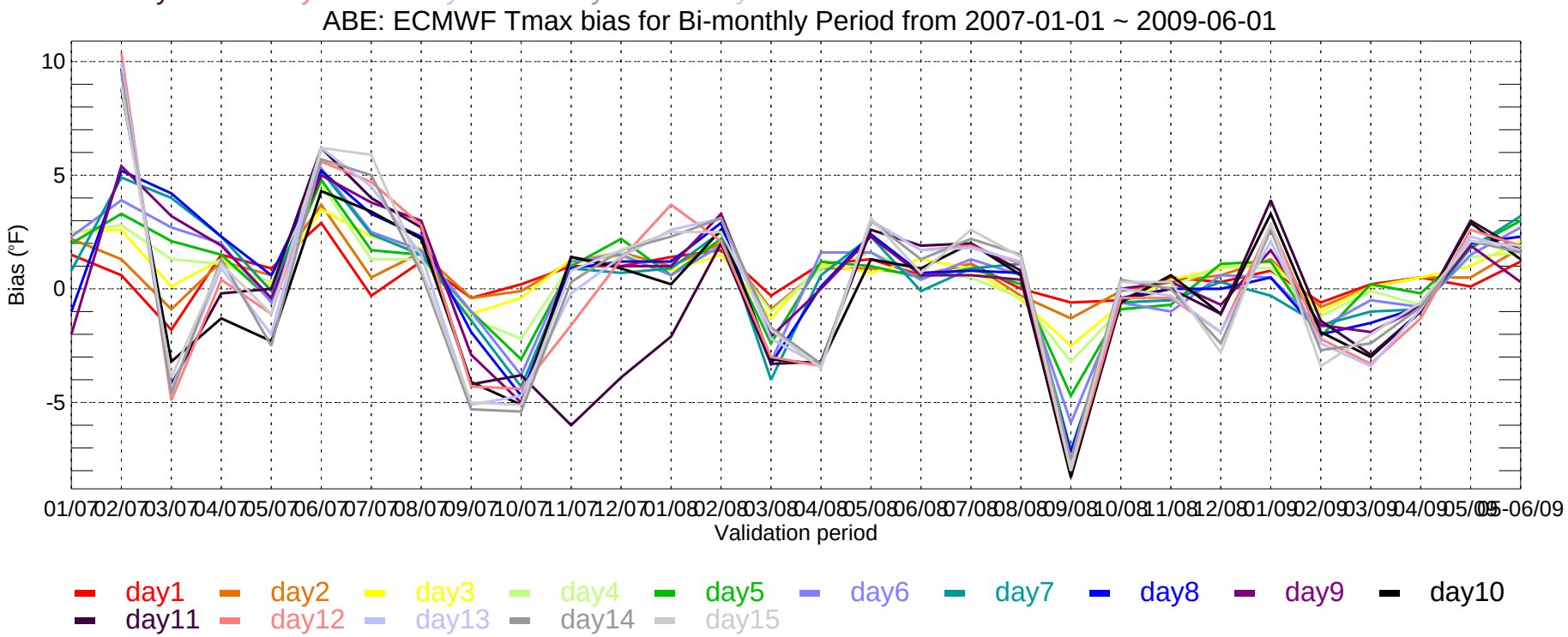
red: S < -0.3 orange: -0.3 < S < -0.1 grey: -0.1 < S < 0.1 green: 0.1 < S < 0.3 blue: S > 0.3

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

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

avg_bias: average of ECMWF-value


ABE: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABE: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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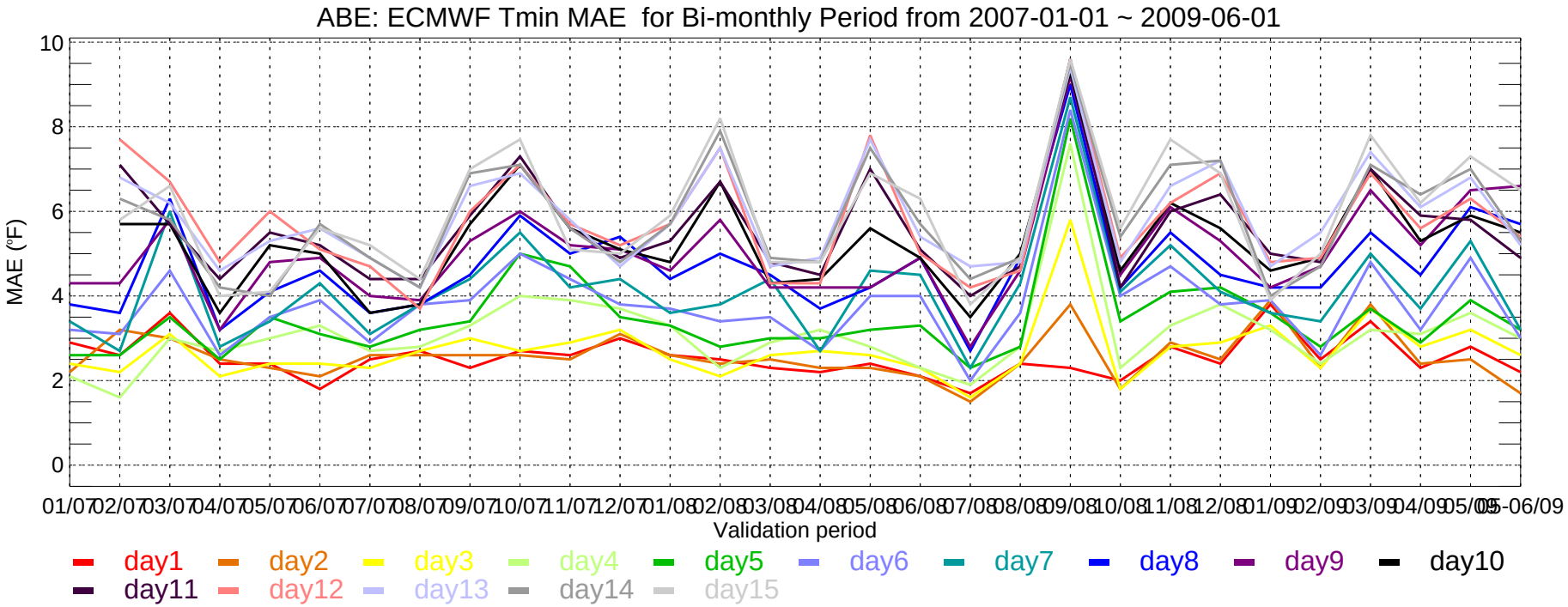
day11 day12 day13 day14 day15


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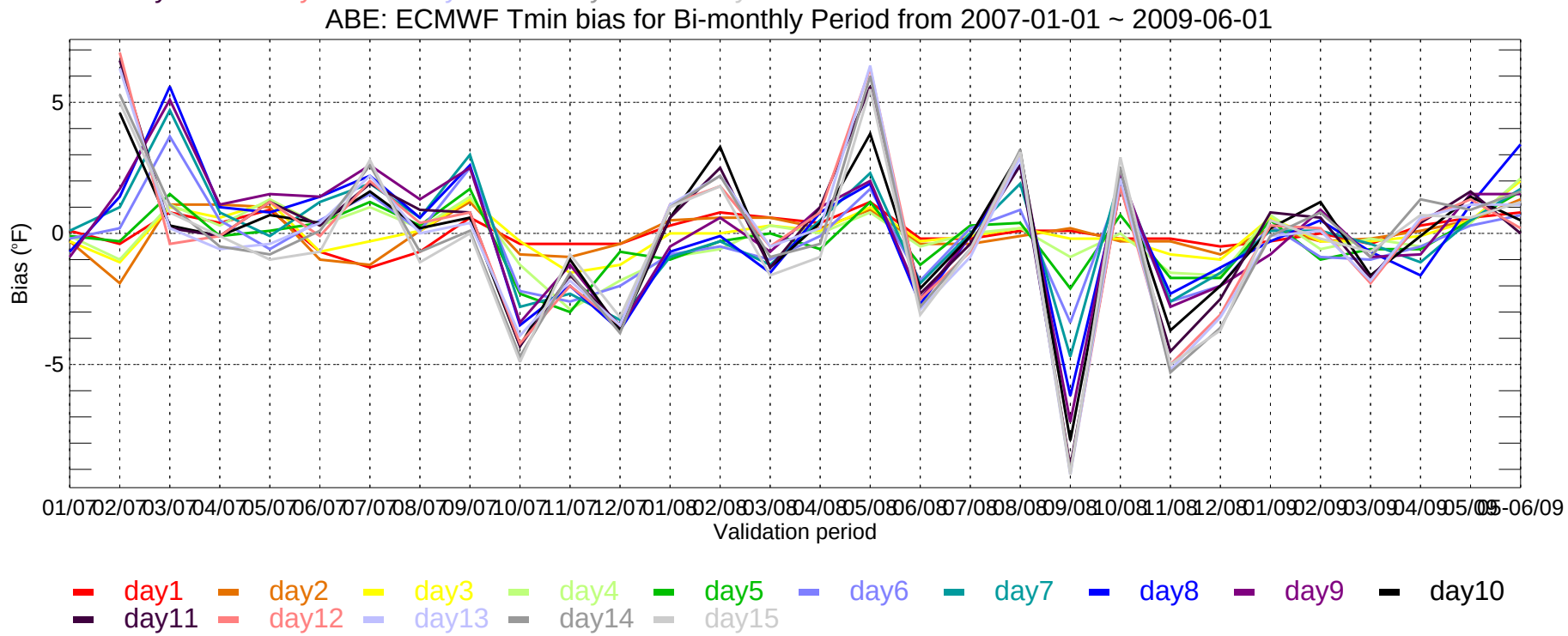
ABE: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
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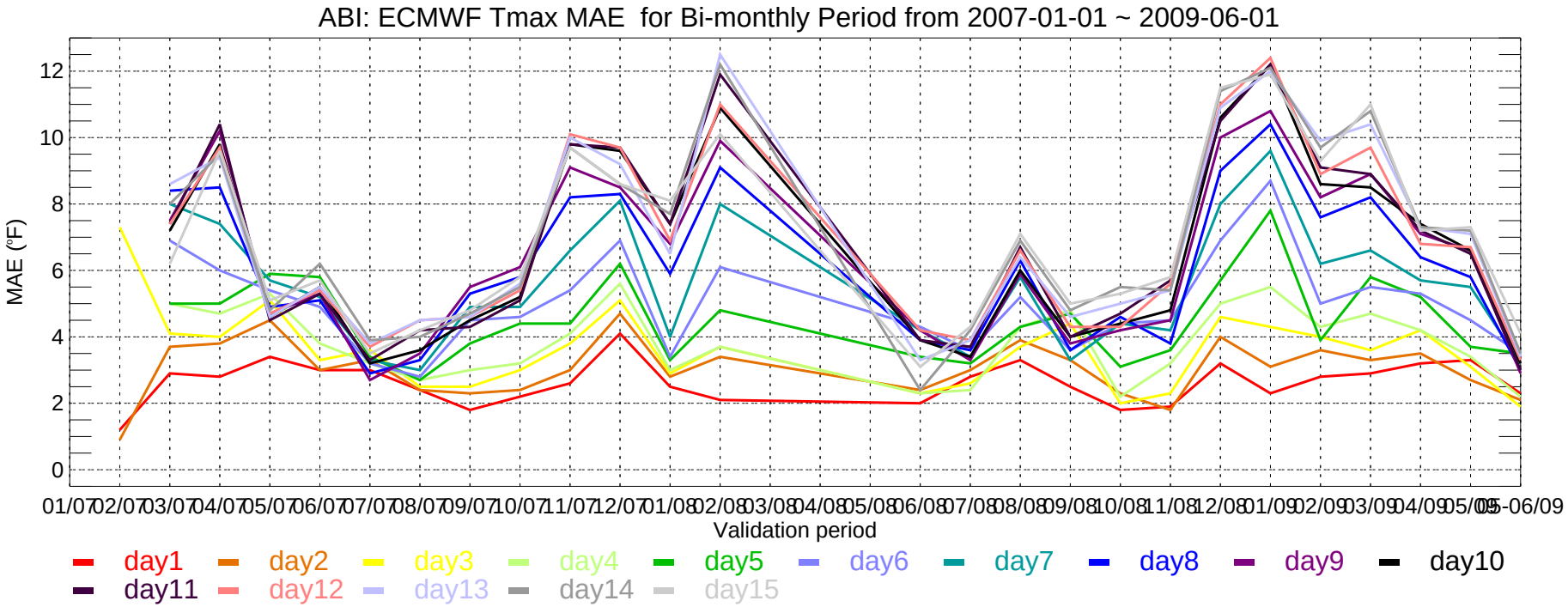
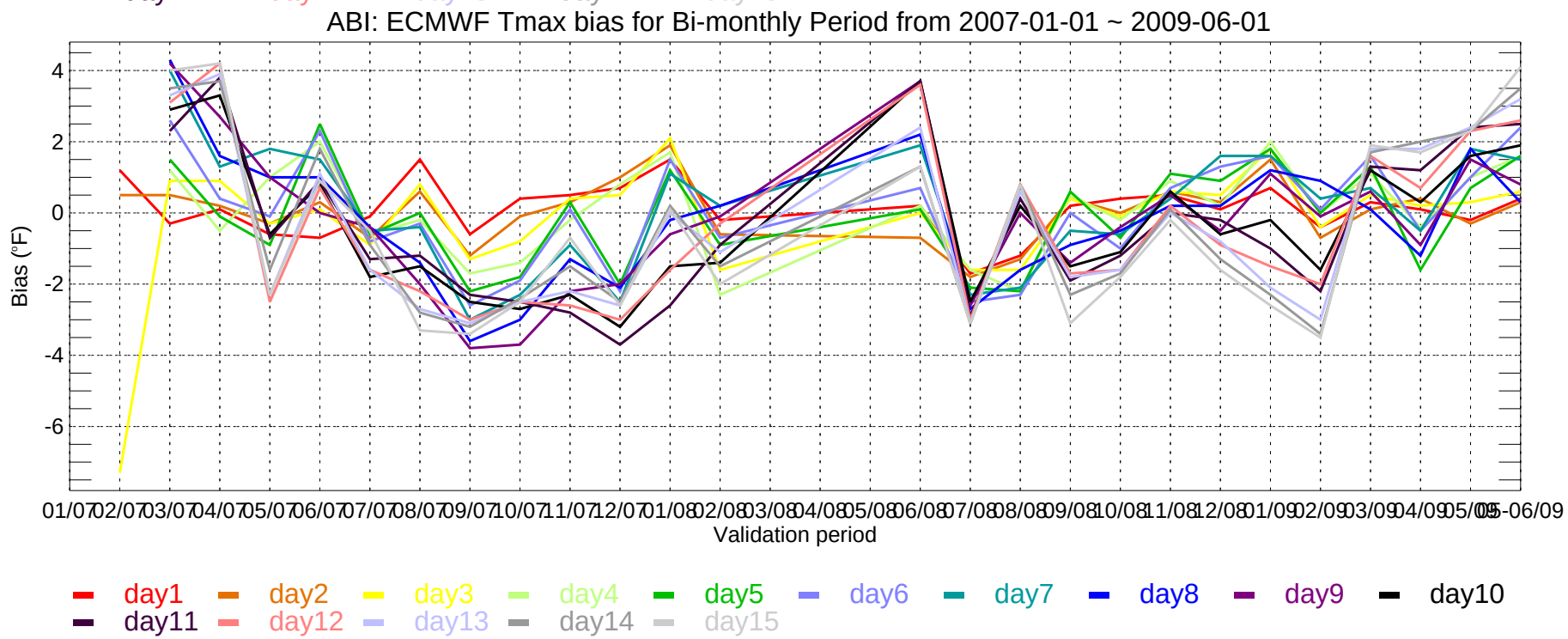
day11 day12 day13 day14 day15


ABI: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABI: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
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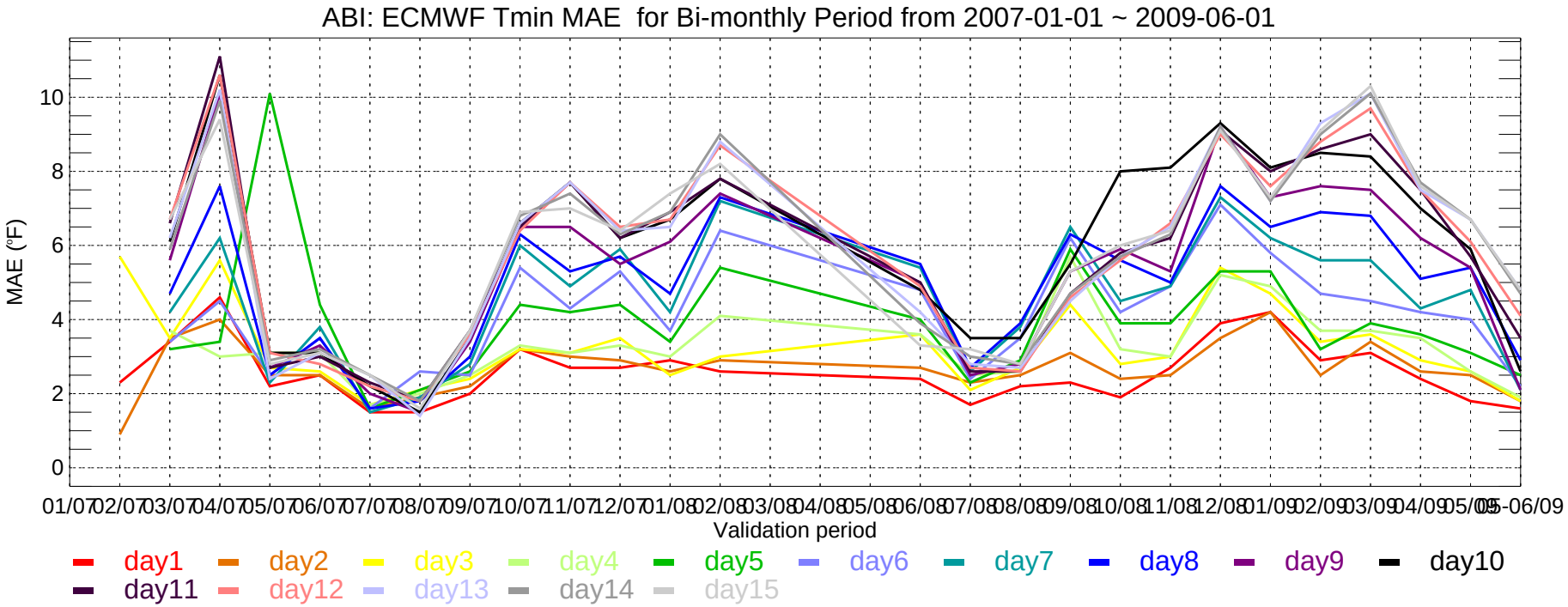
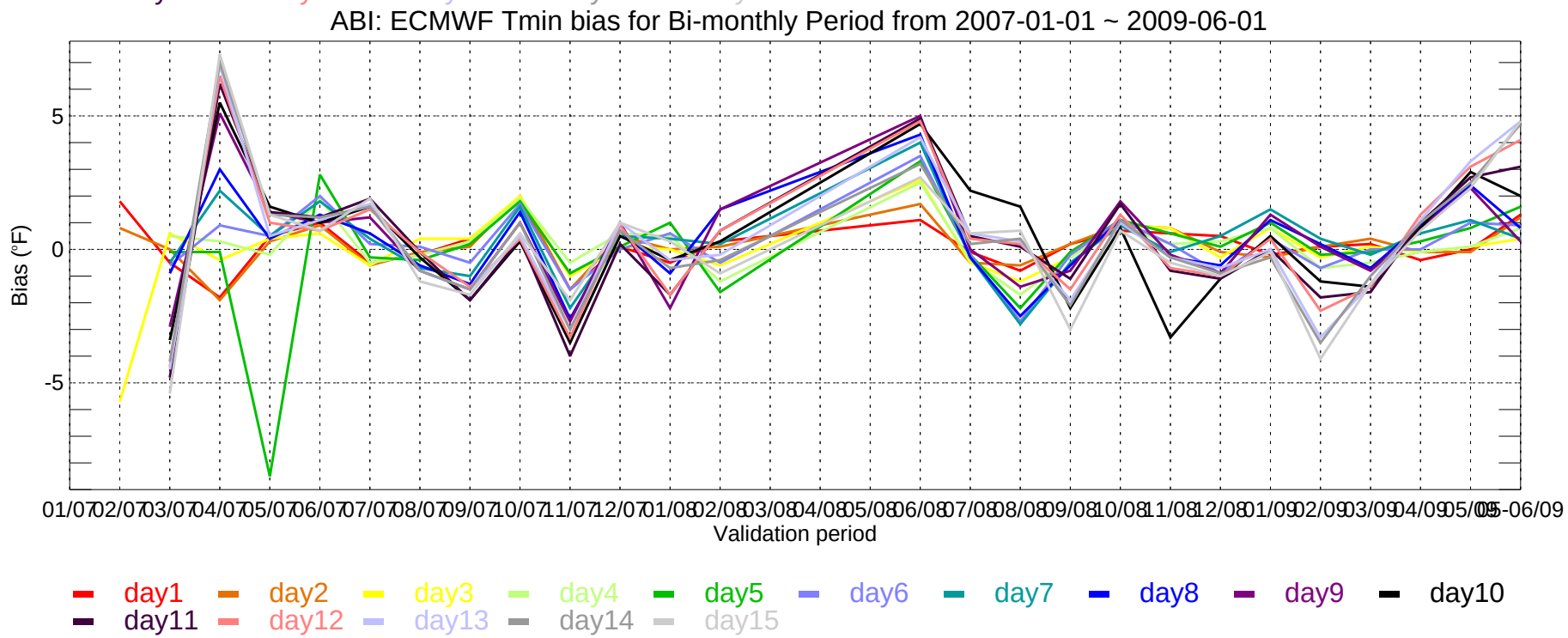
day11 day12 day13 day14 day15


ABI: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABI: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
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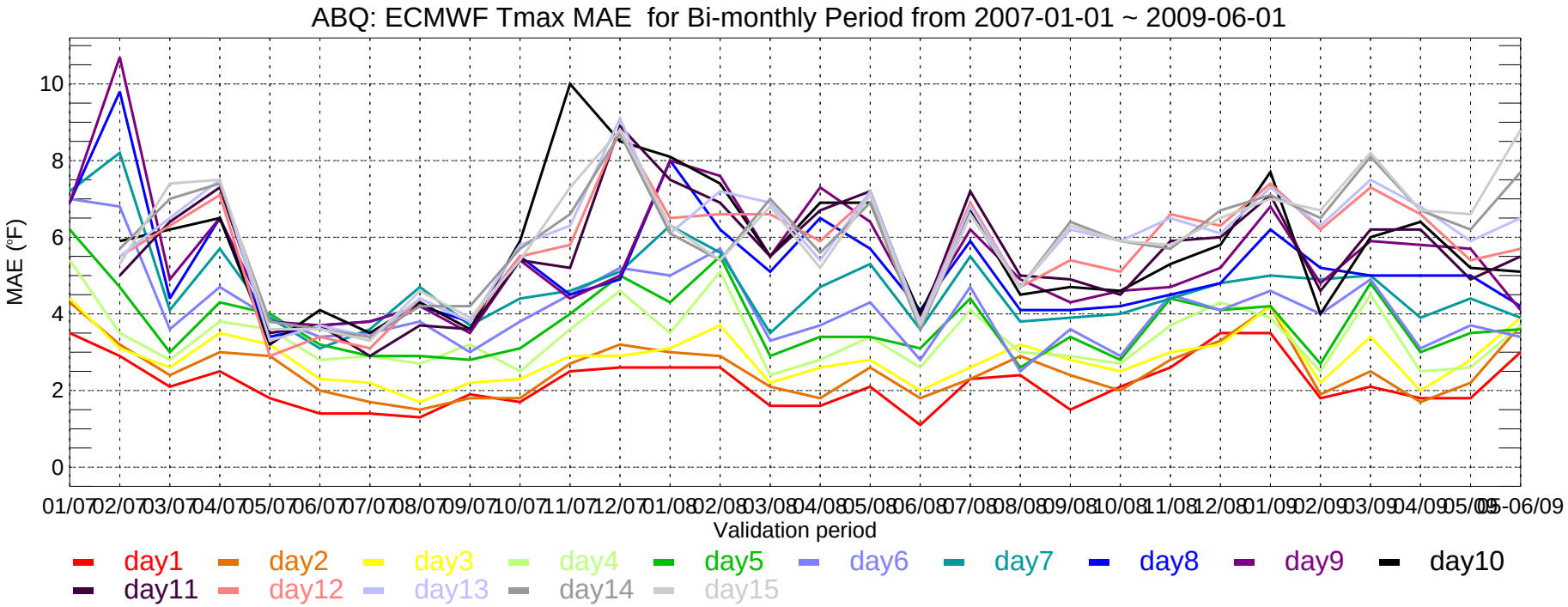
day11 day12 day13 day14 day15


ABQ: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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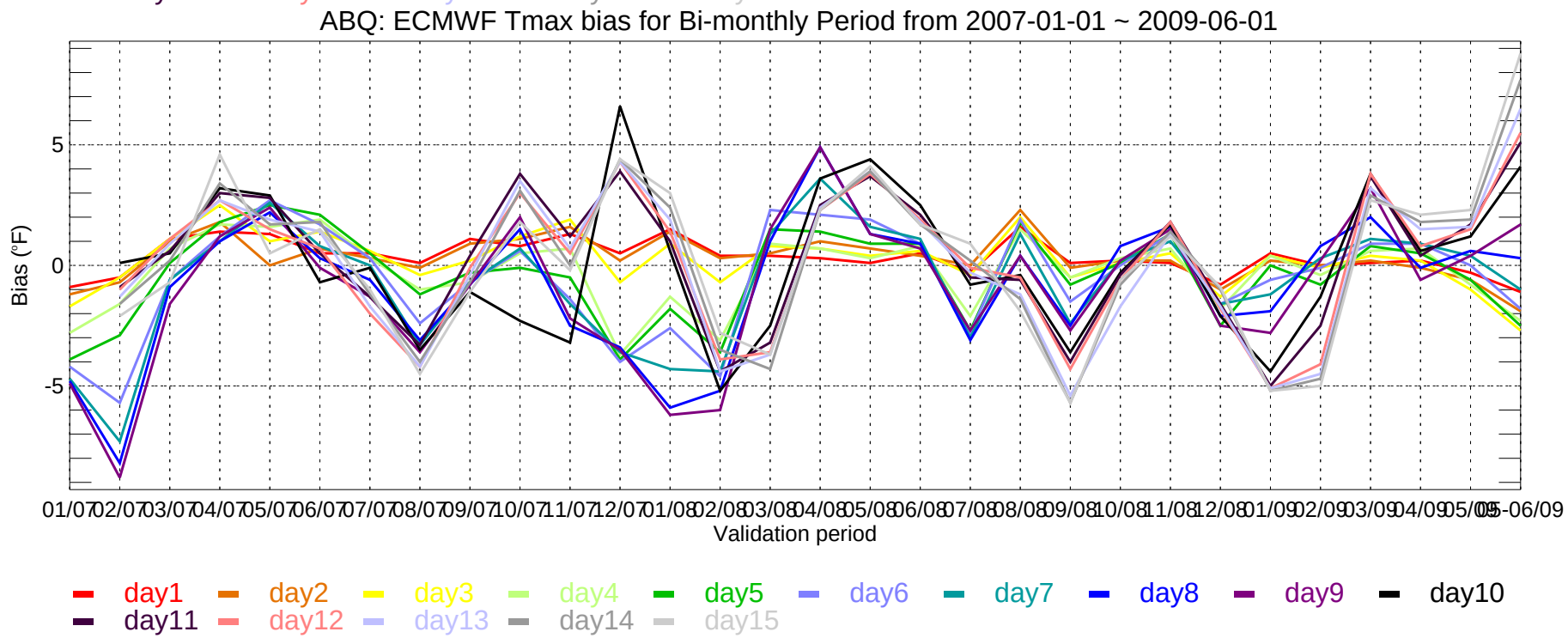
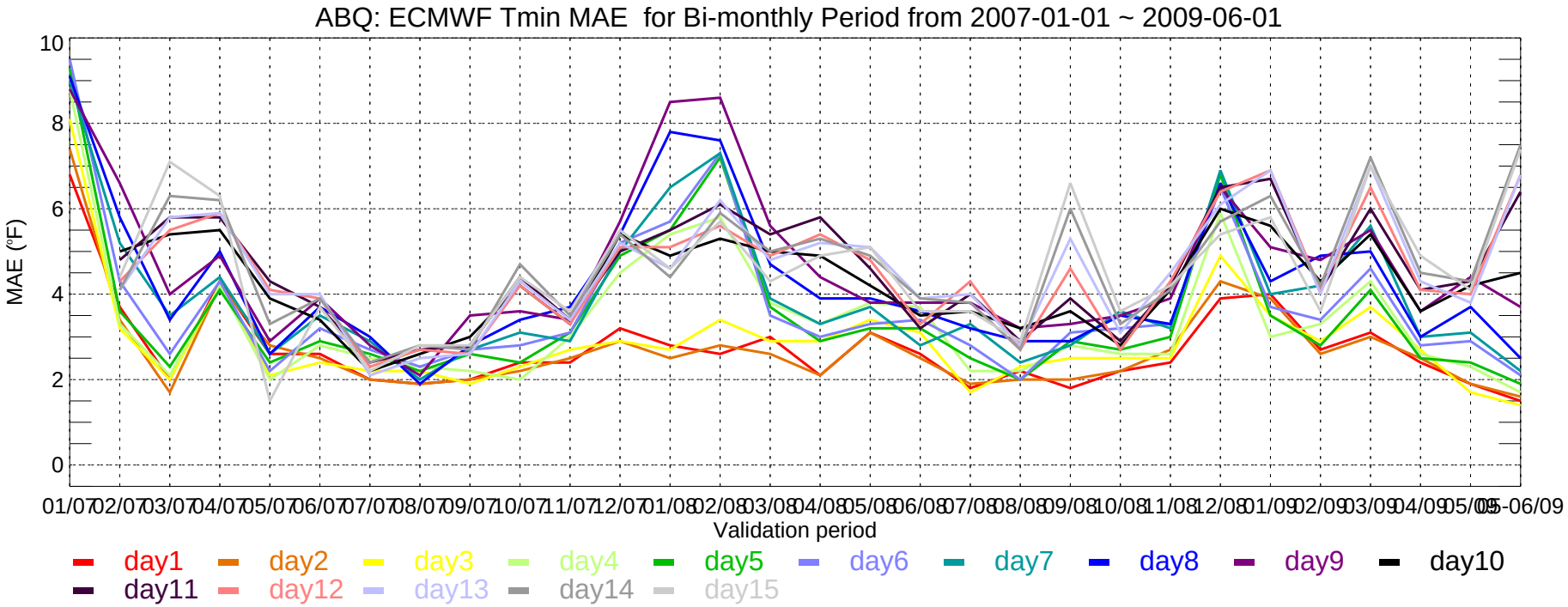
day11 day12 day13 day14 day15


ABQ: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABQ: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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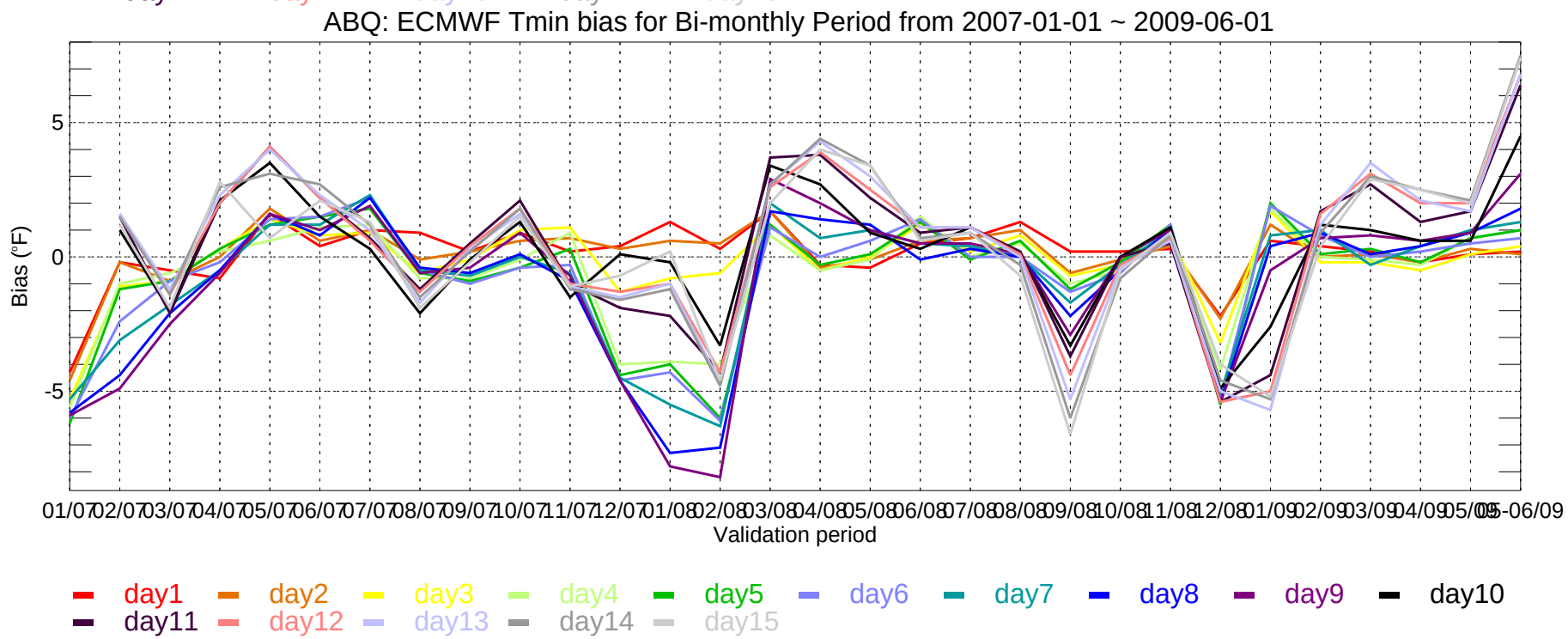
day11 day12 day13 day14 day15


ABQ: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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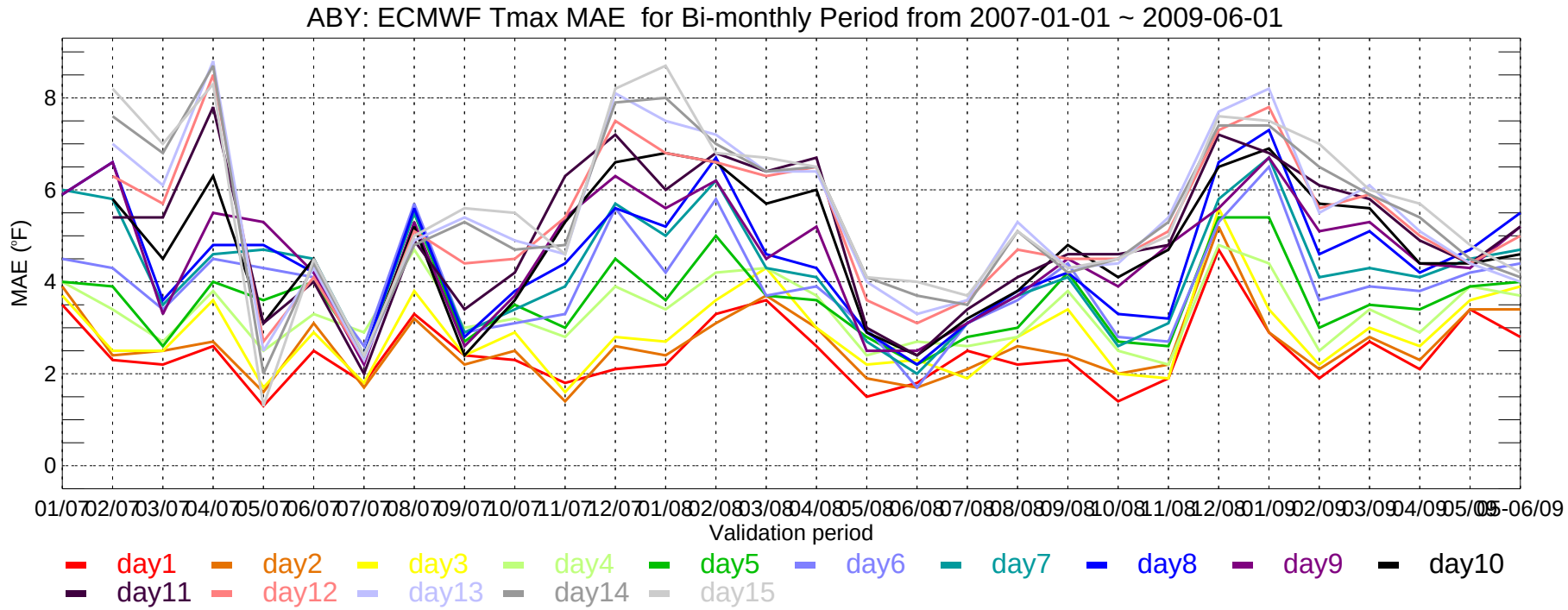
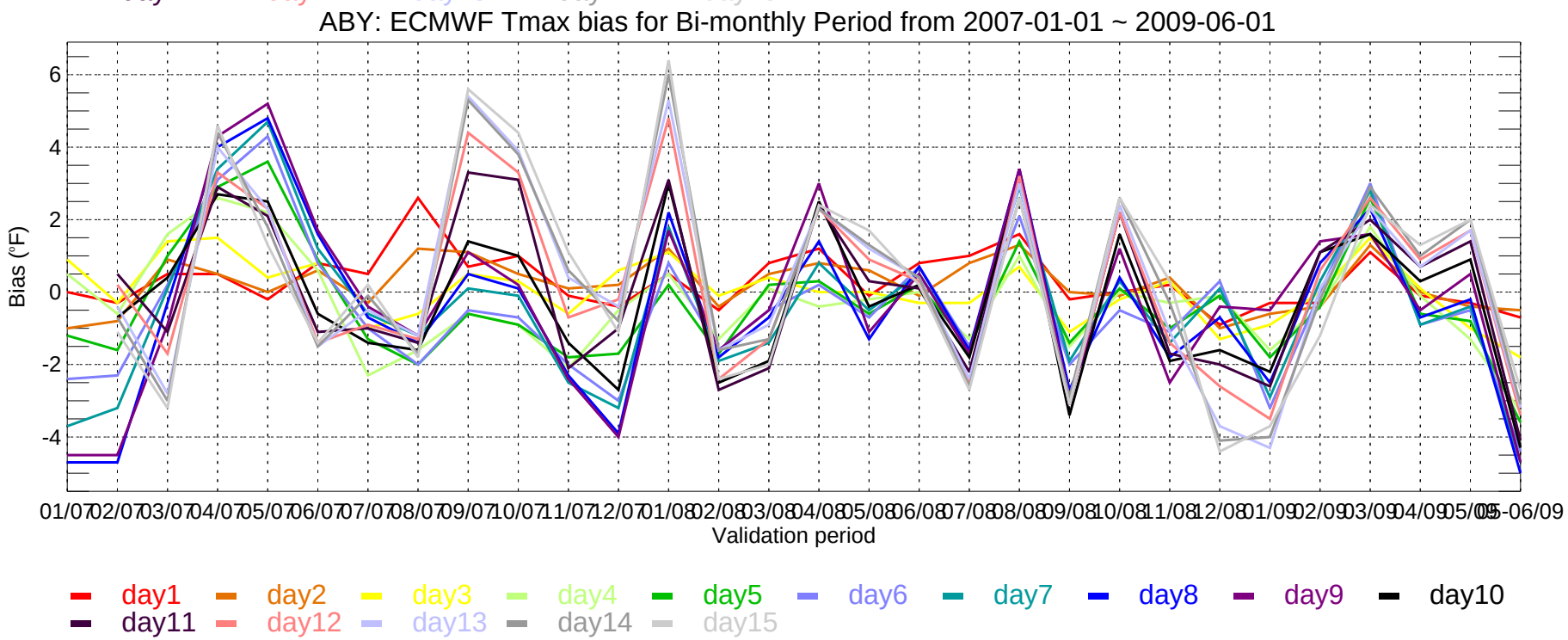
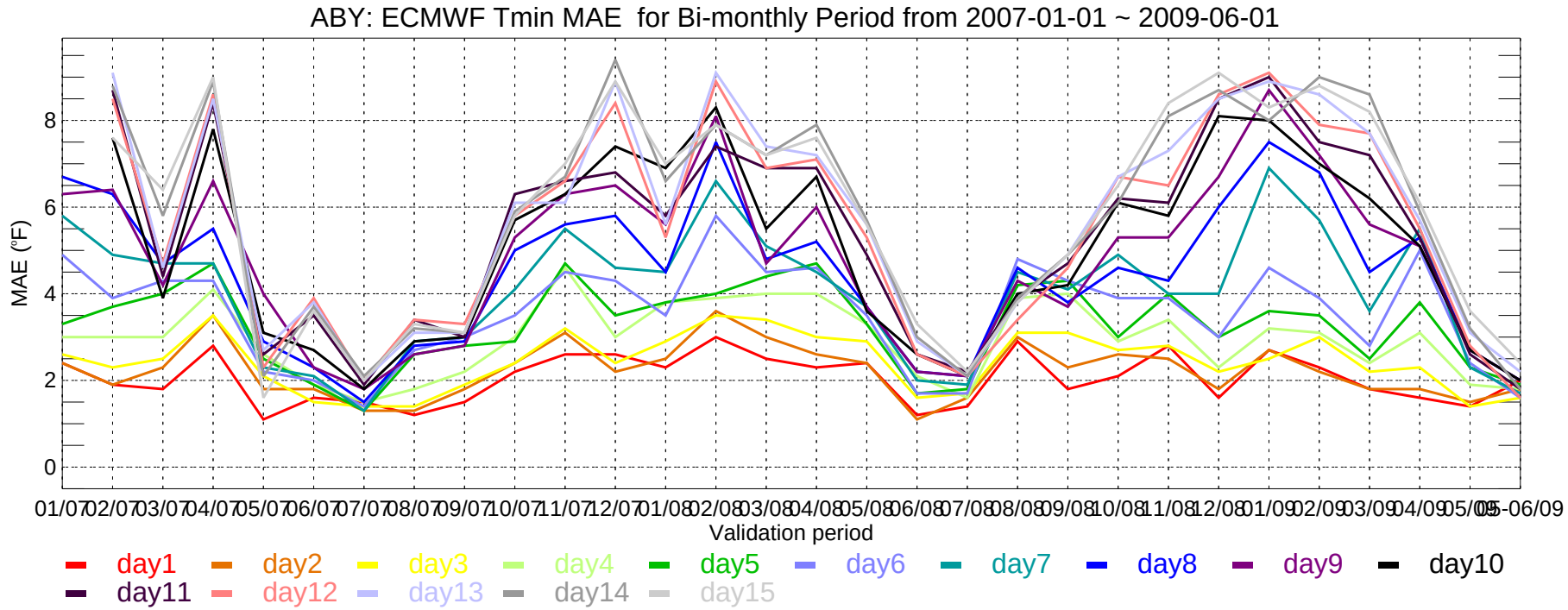
day11 day12 day13 day14 day15


ABY: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABY: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABY: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
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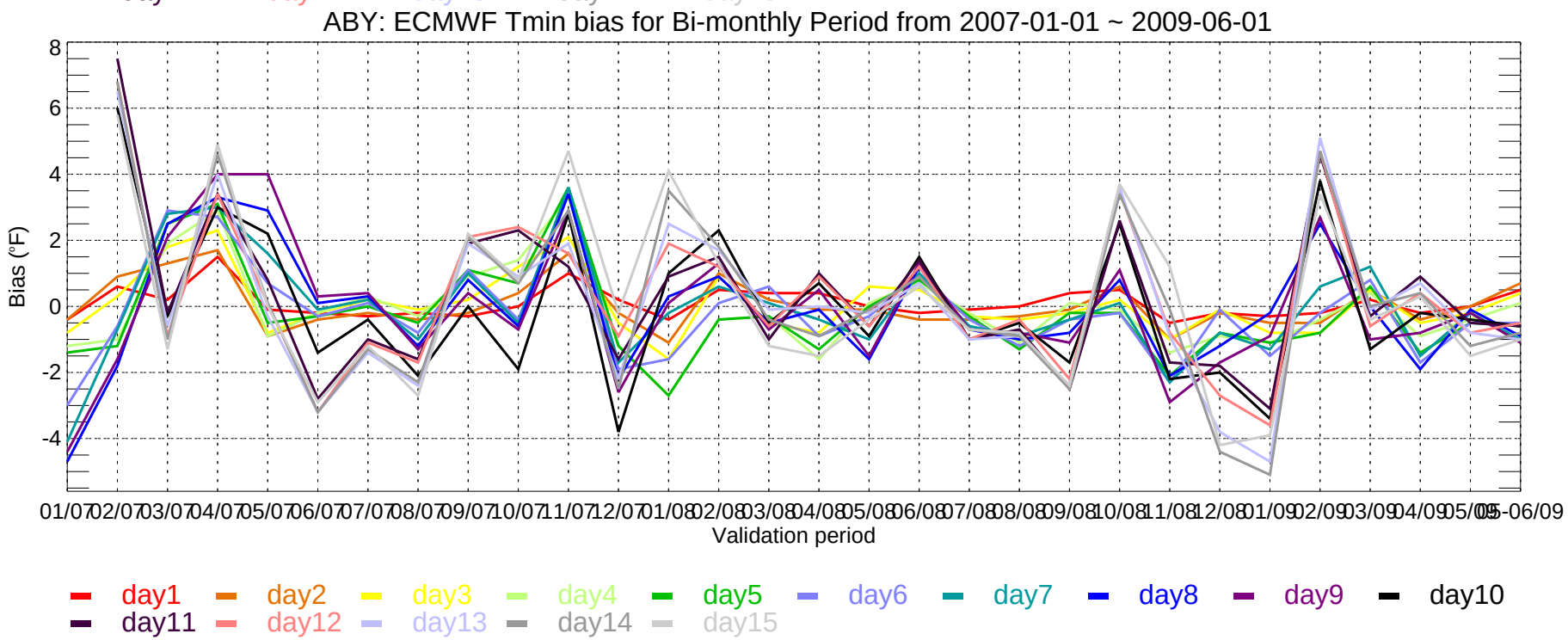
day11 day12 day13 day14 day15


ABY: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
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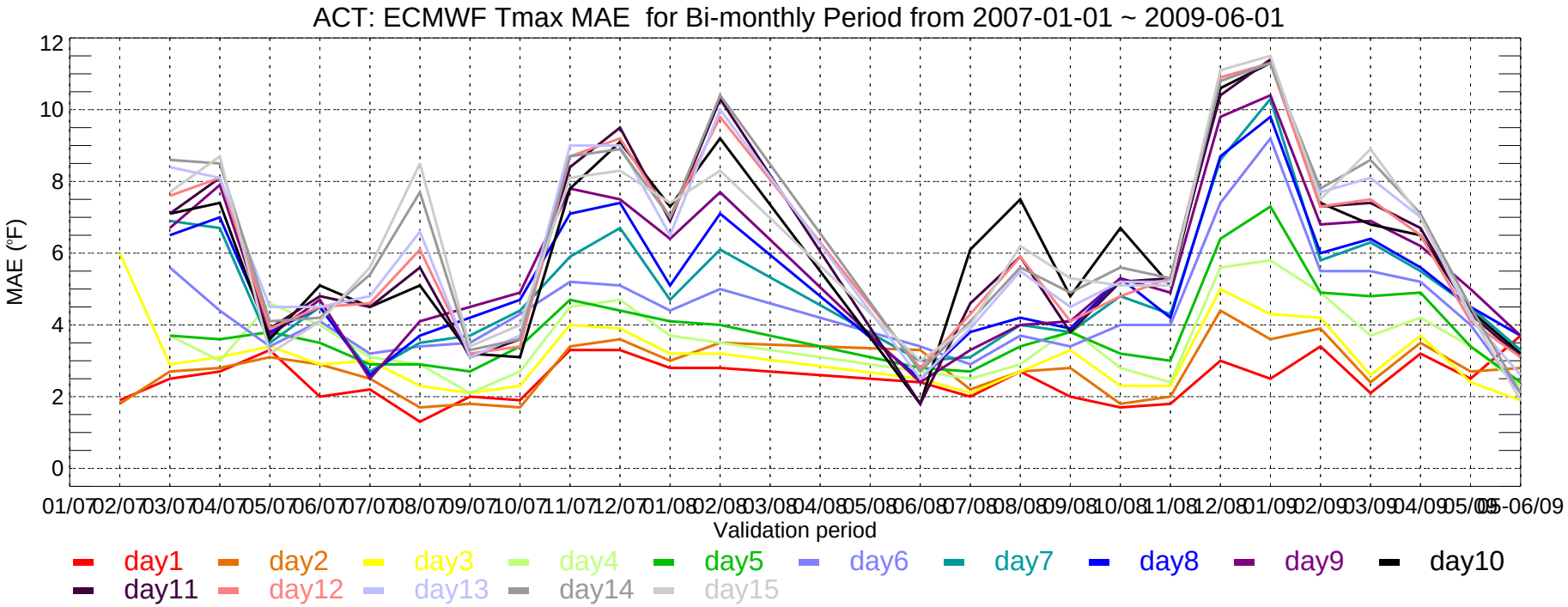
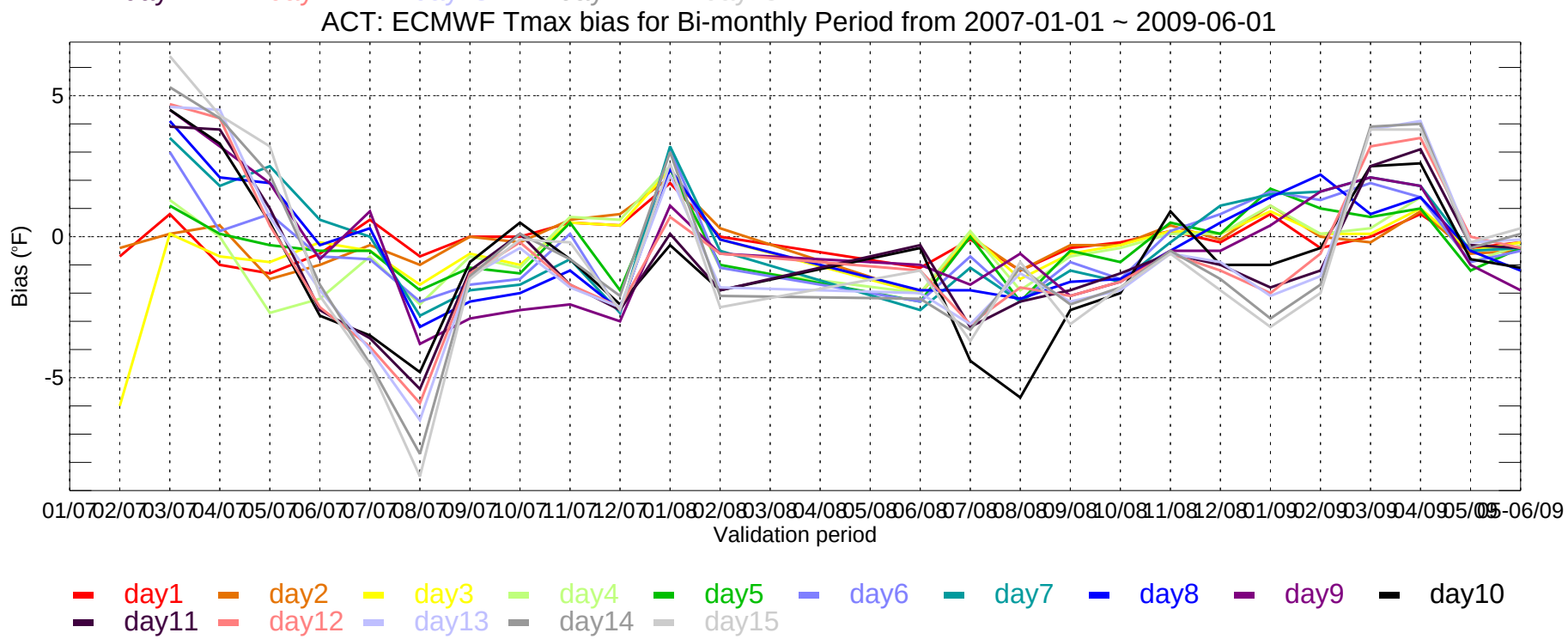
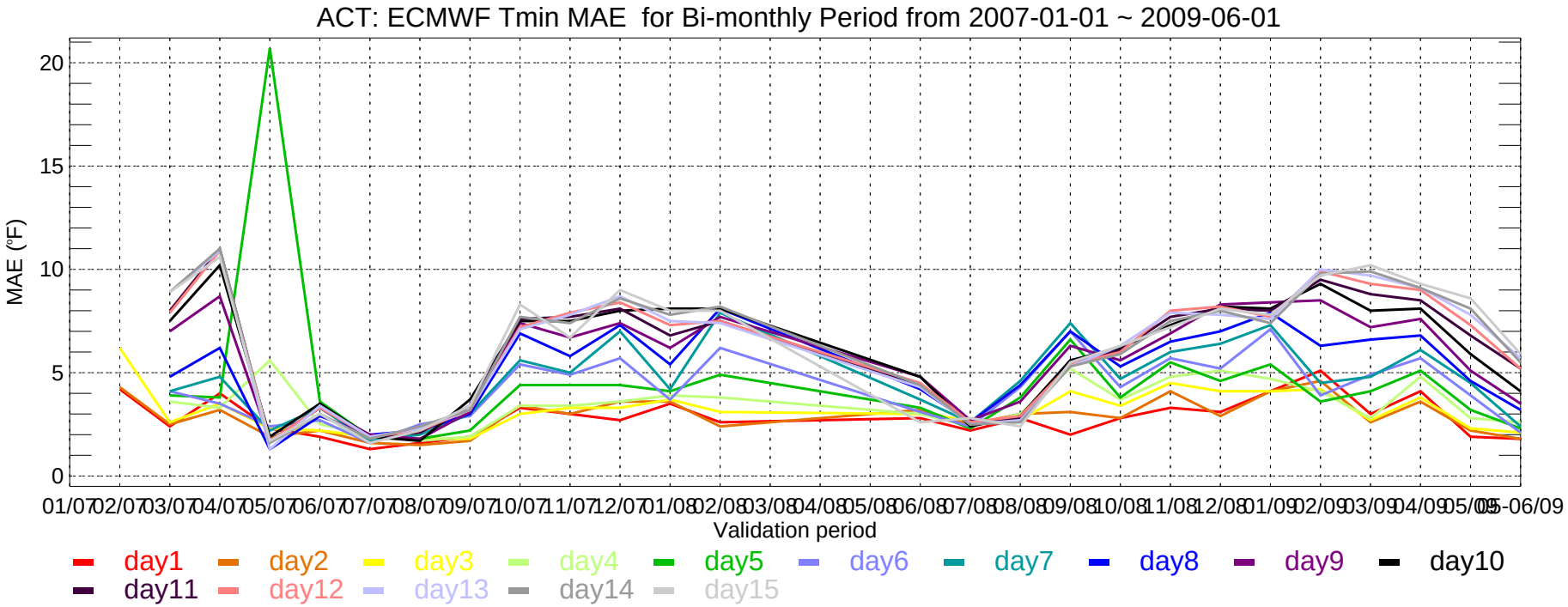
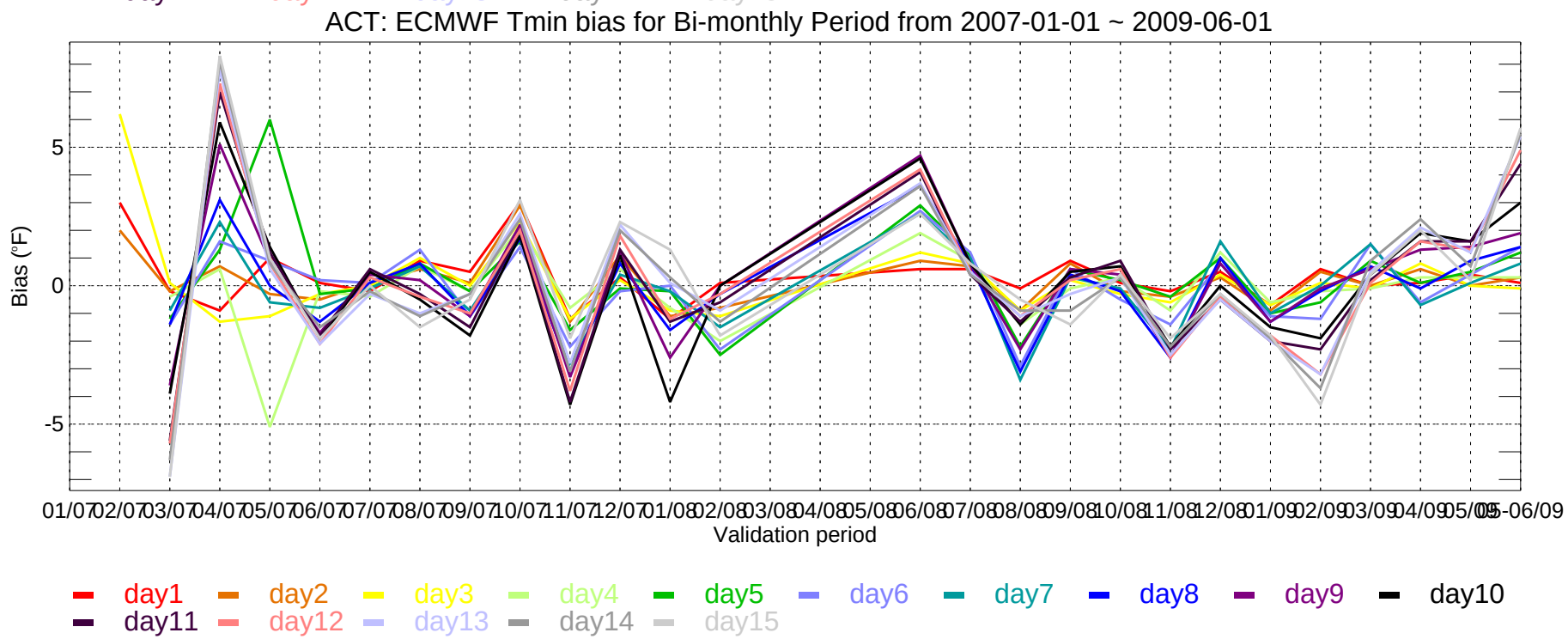
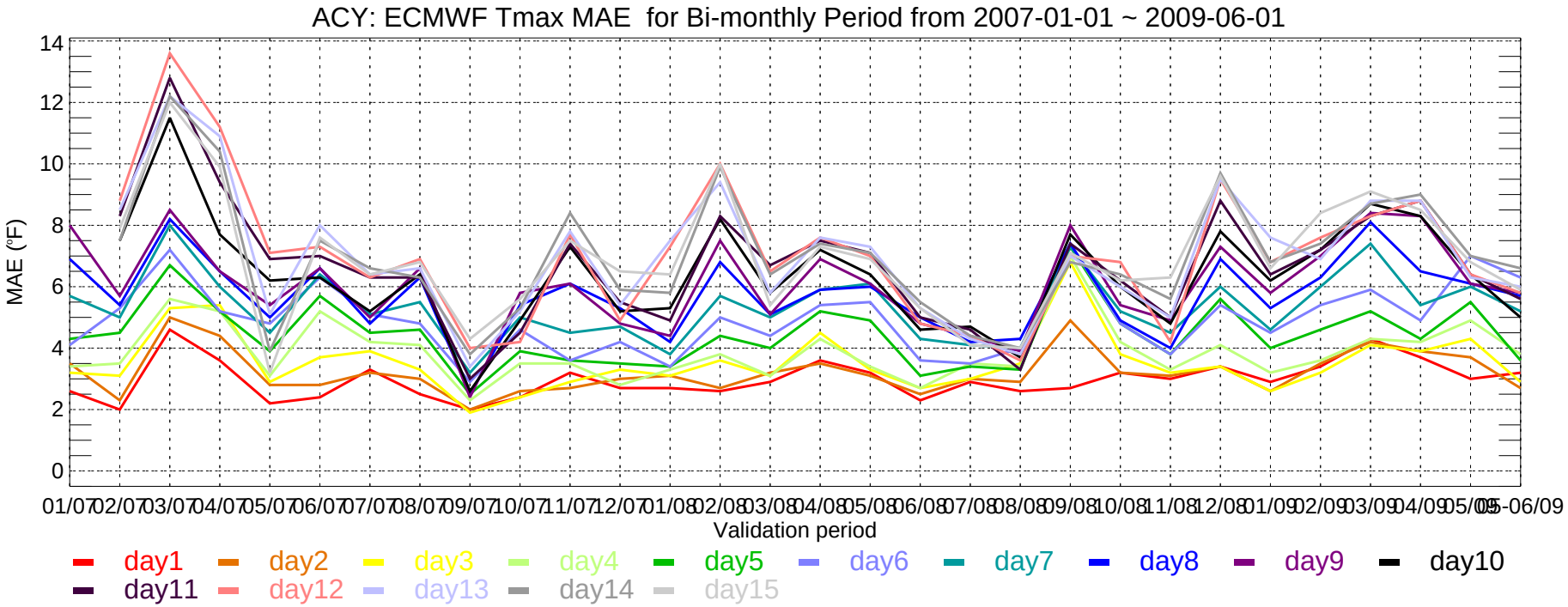
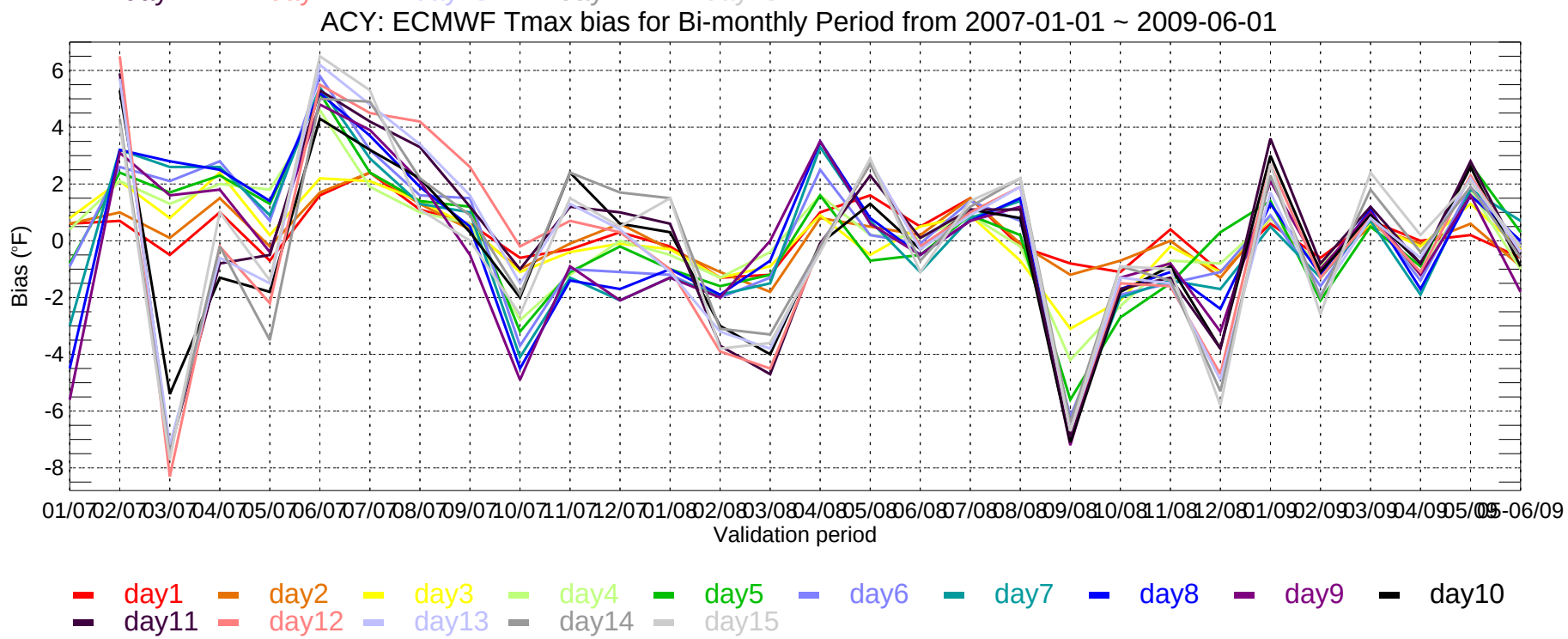

ACT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

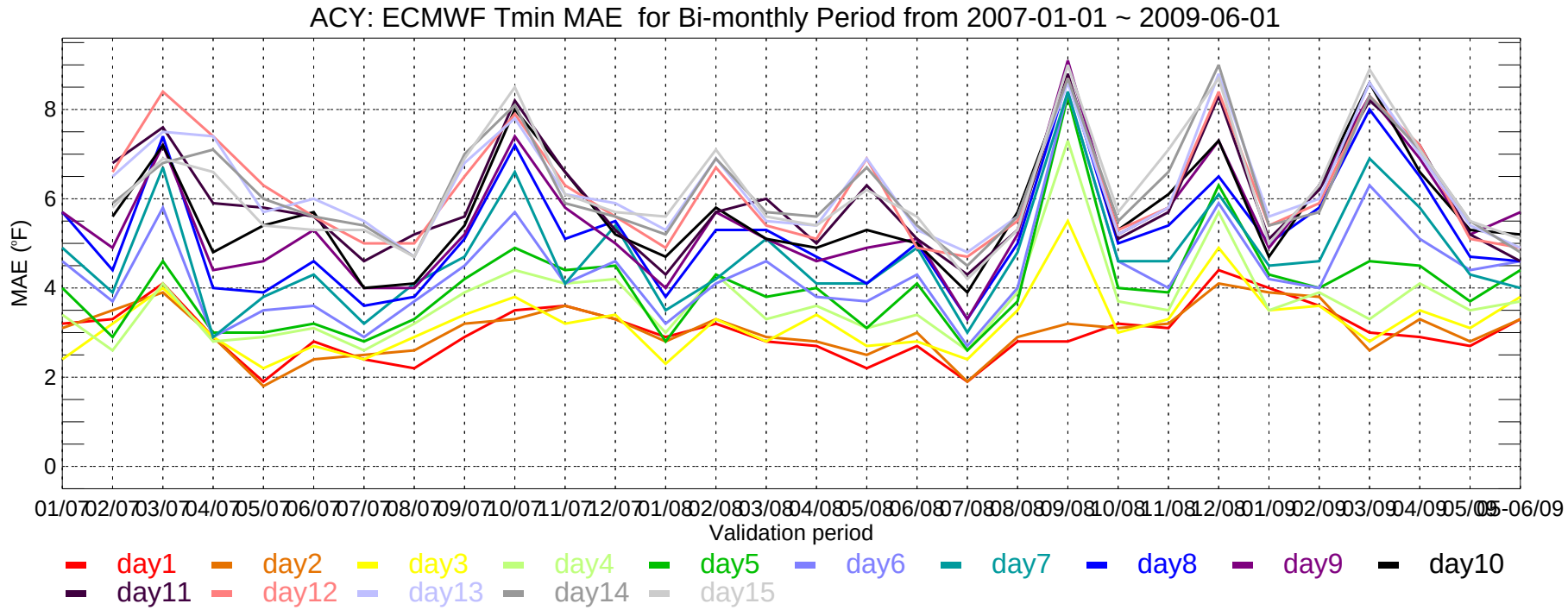

ACT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

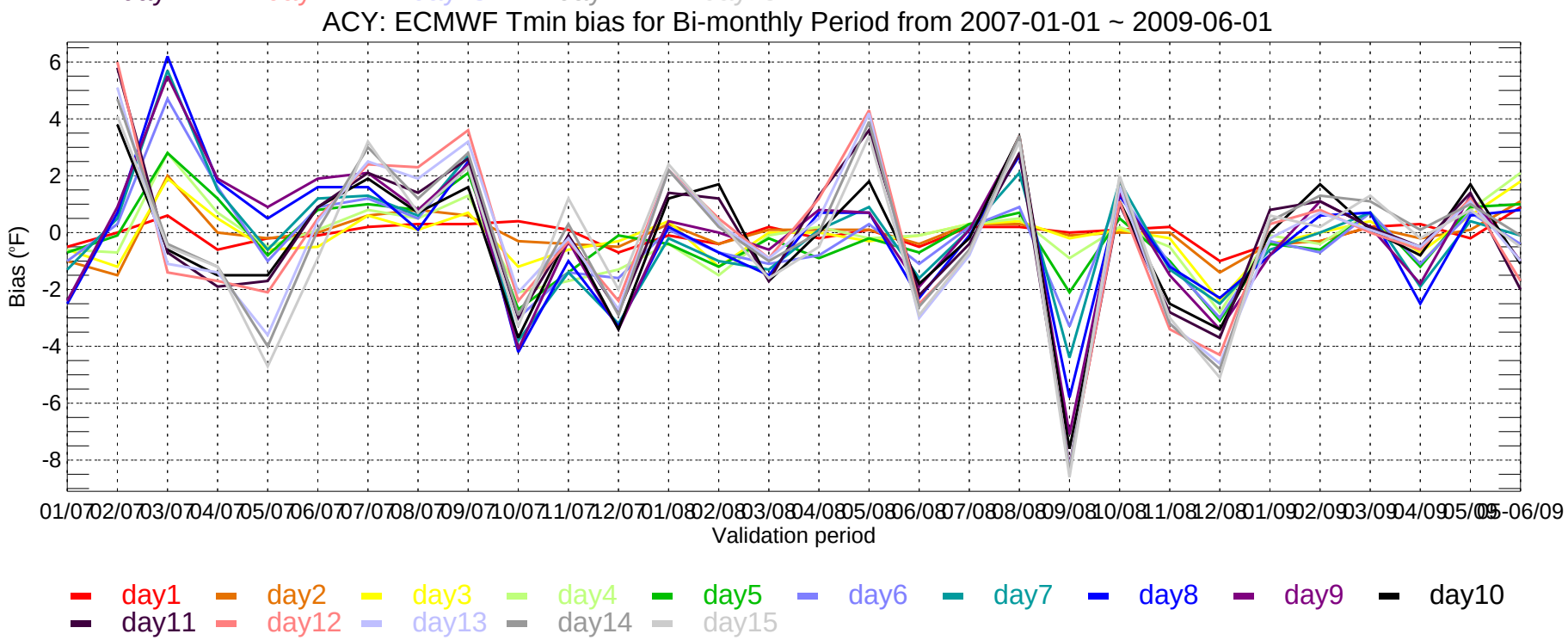

ACT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

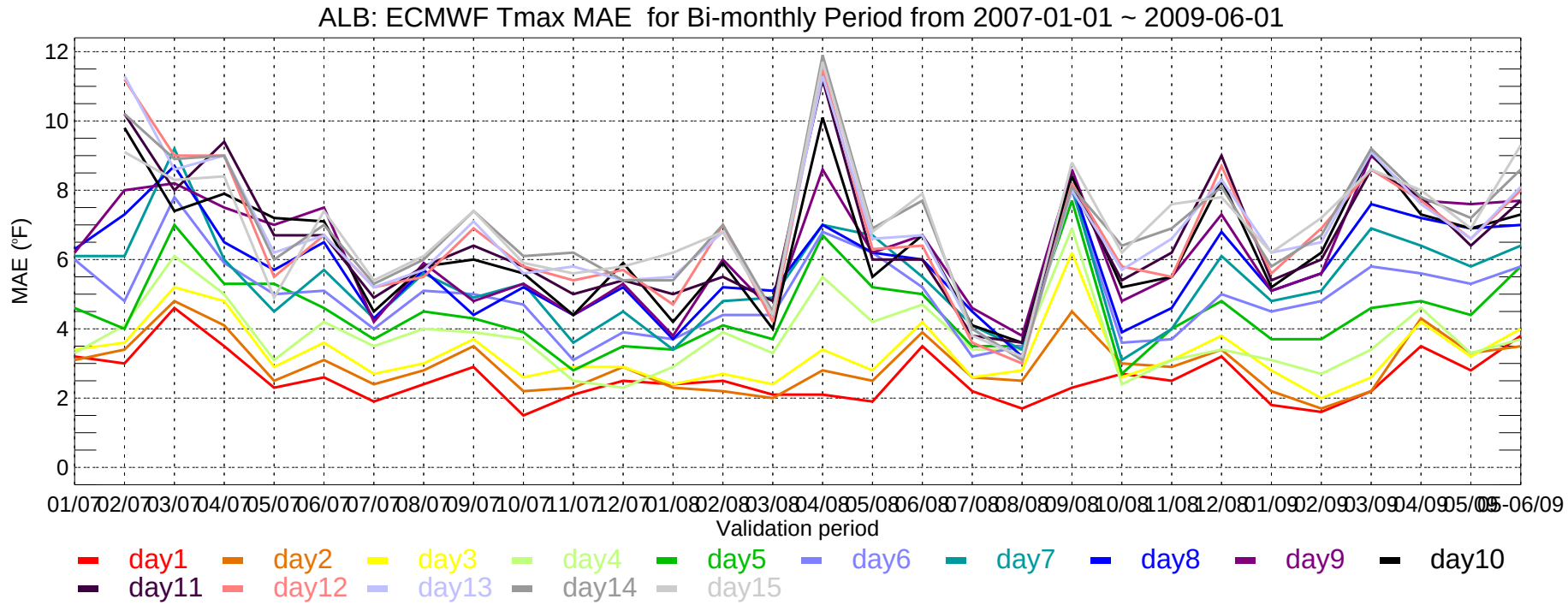

ACT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

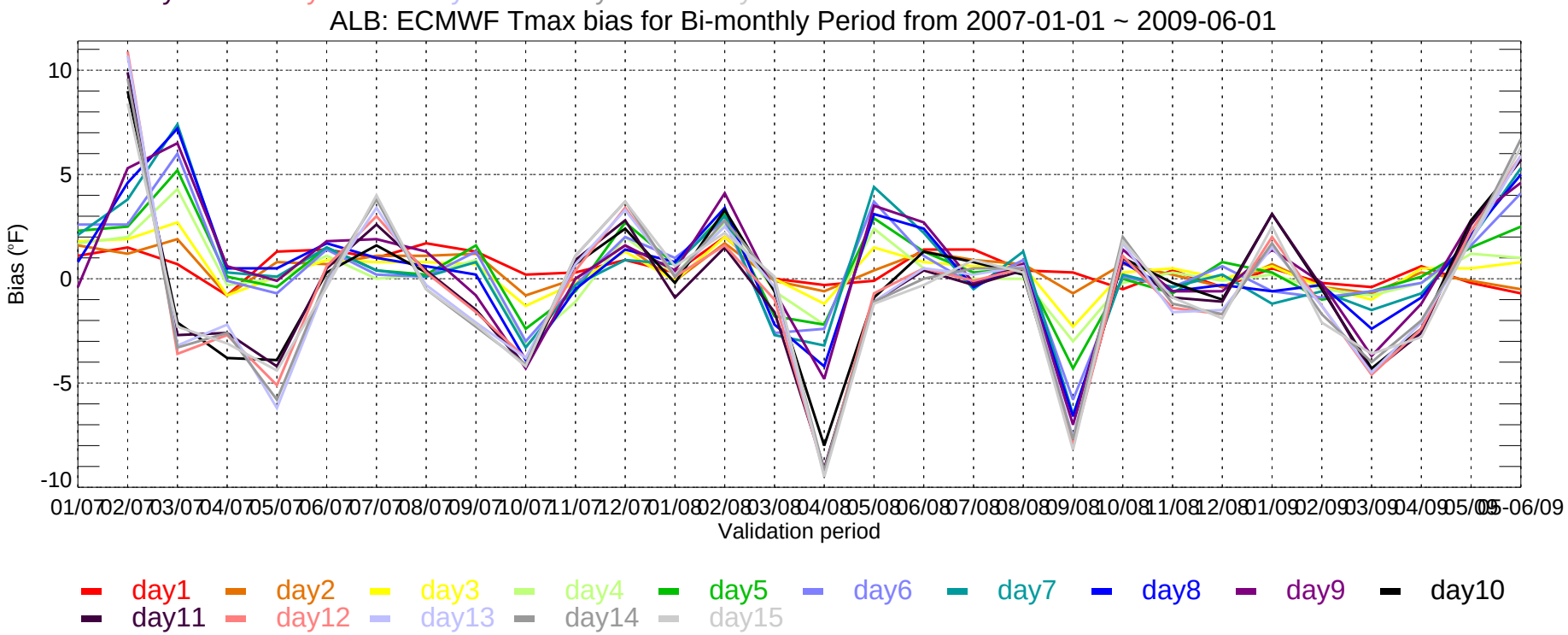

ACY: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

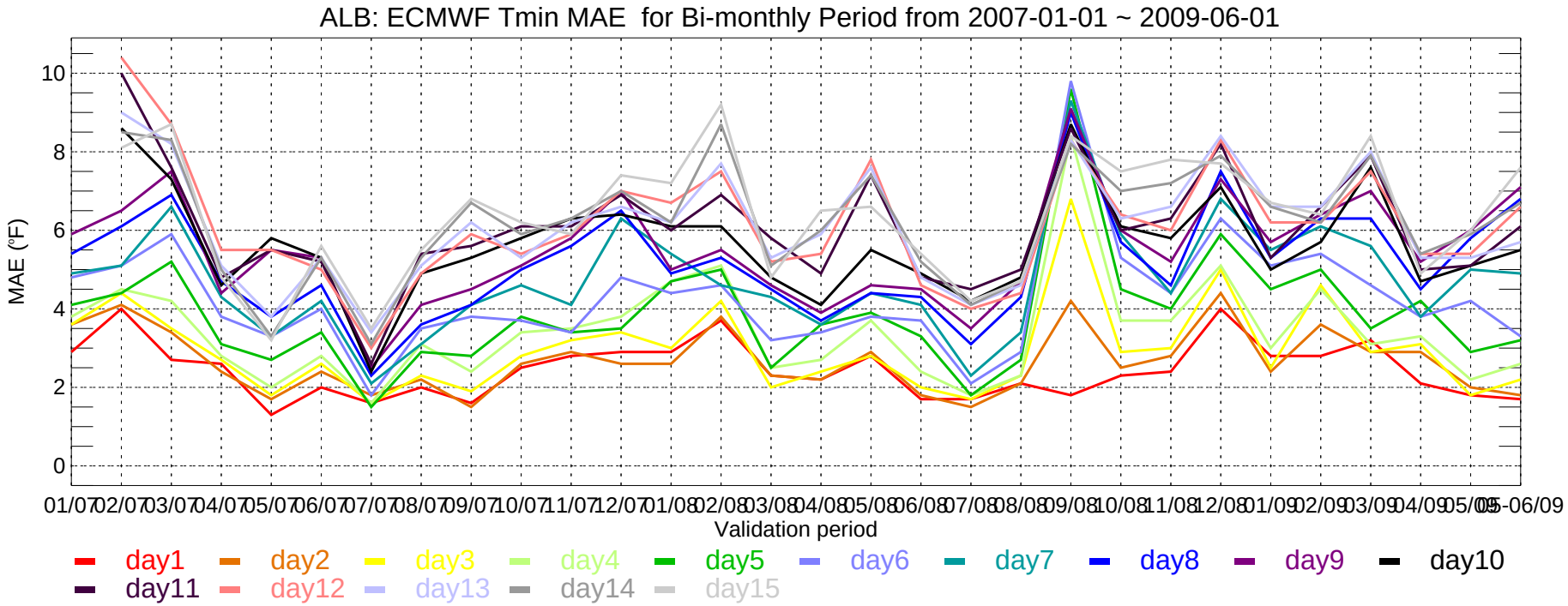

ACY: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

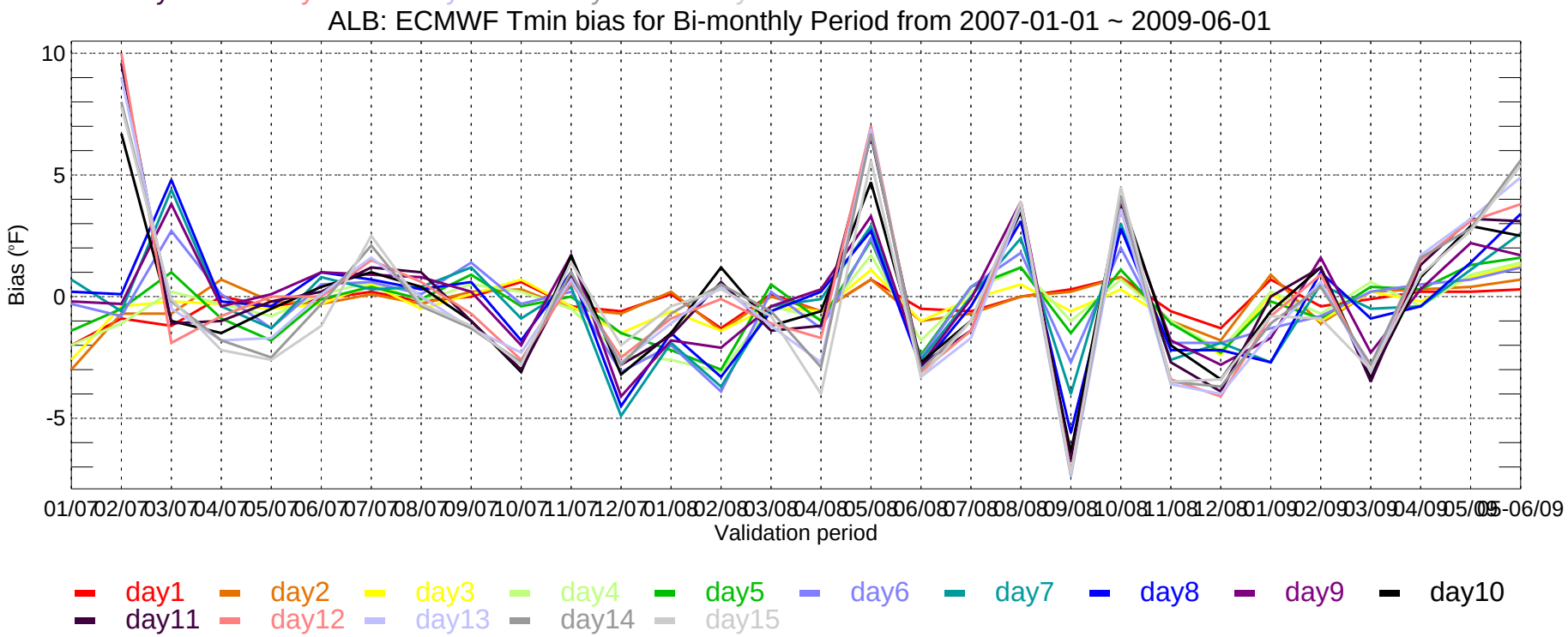

ACY: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

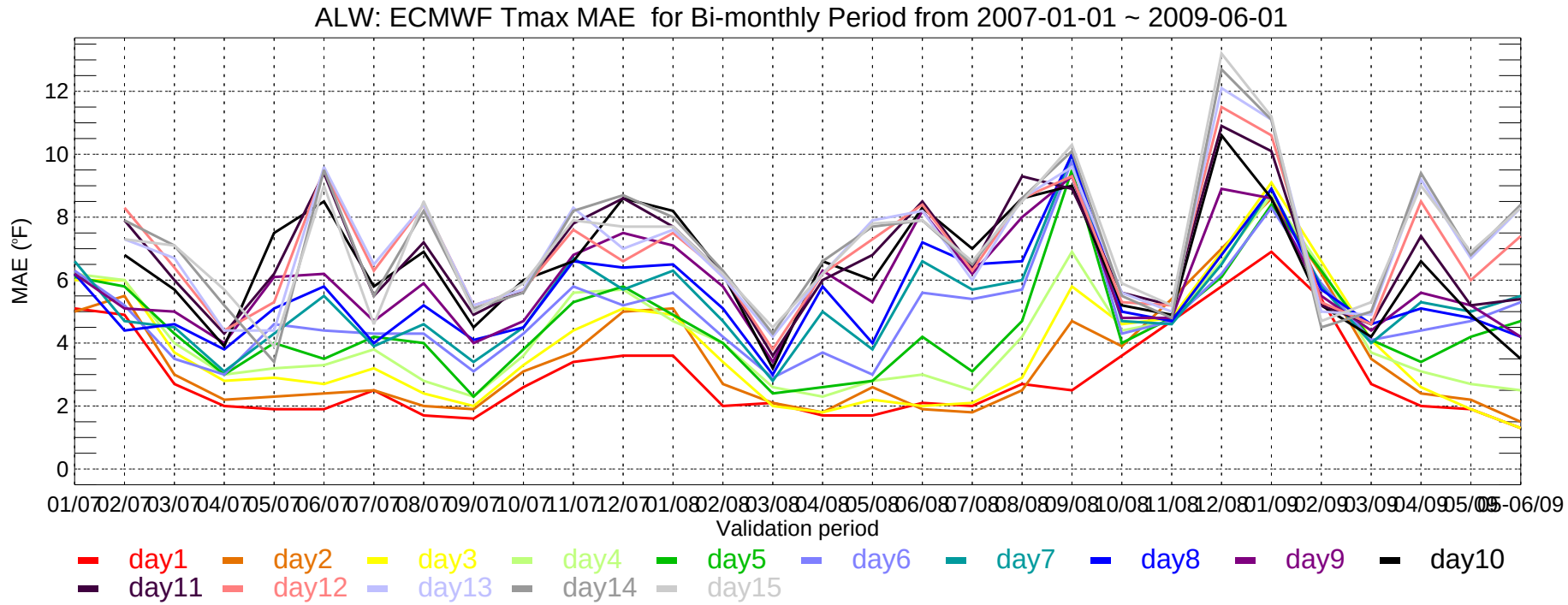

ACY: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

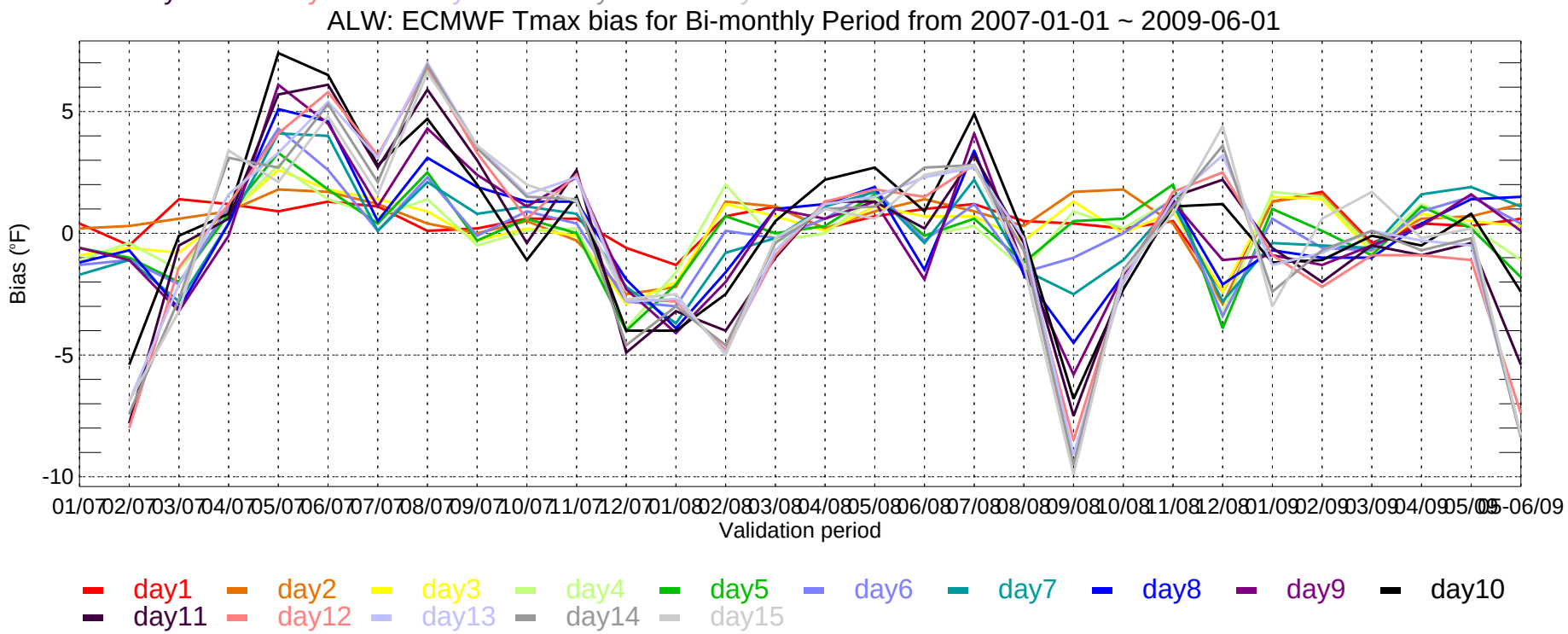

ALB: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

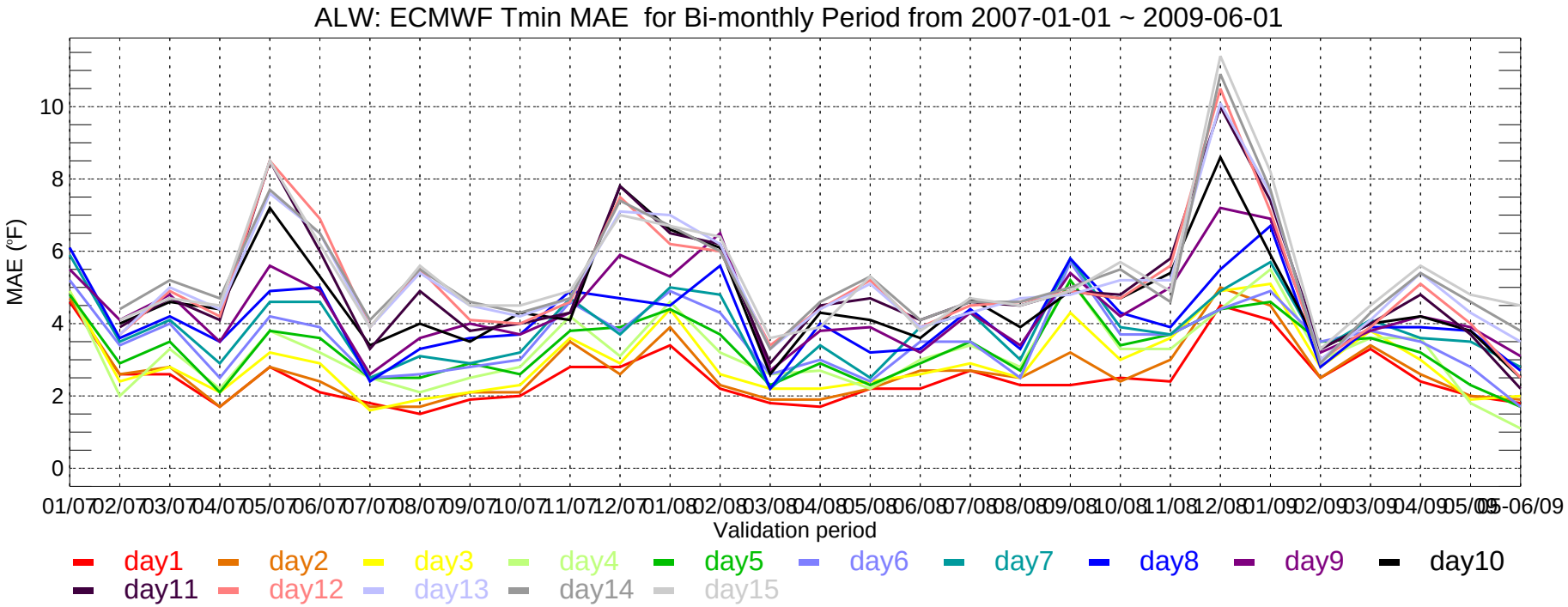

ALB: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

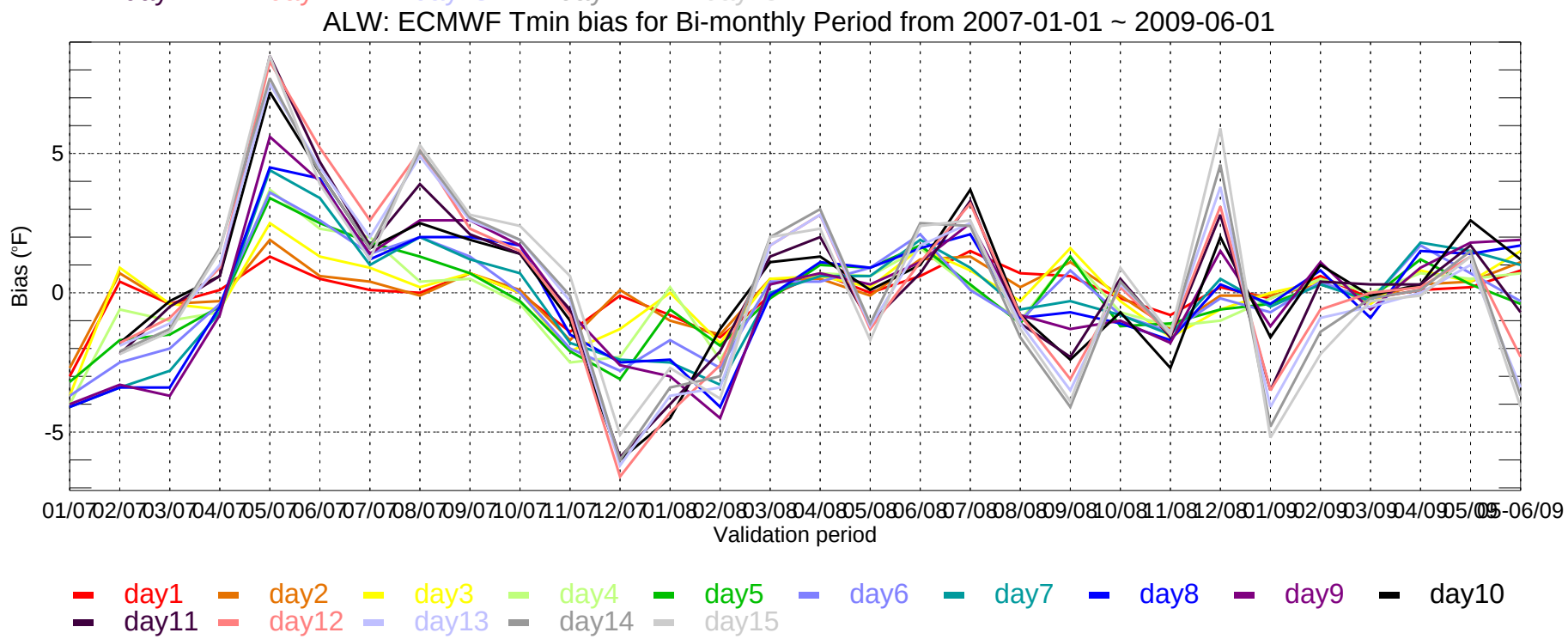

ALB: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

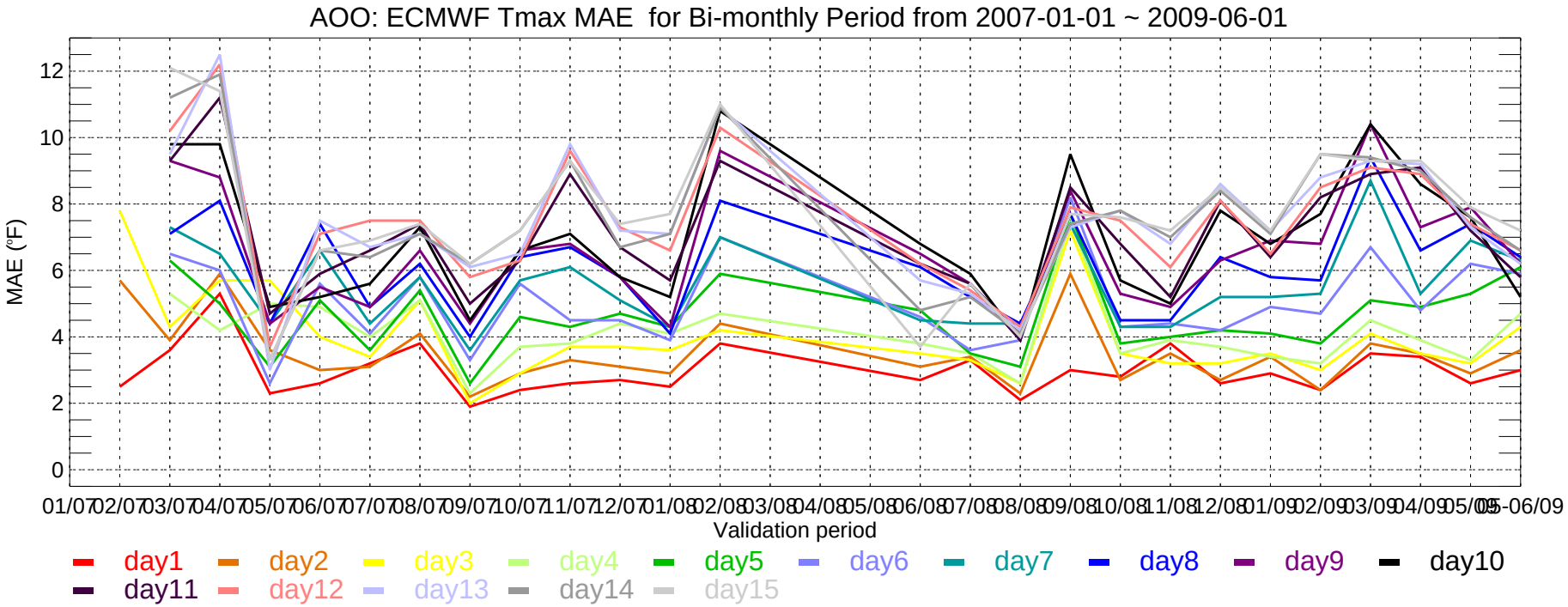

ALB: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

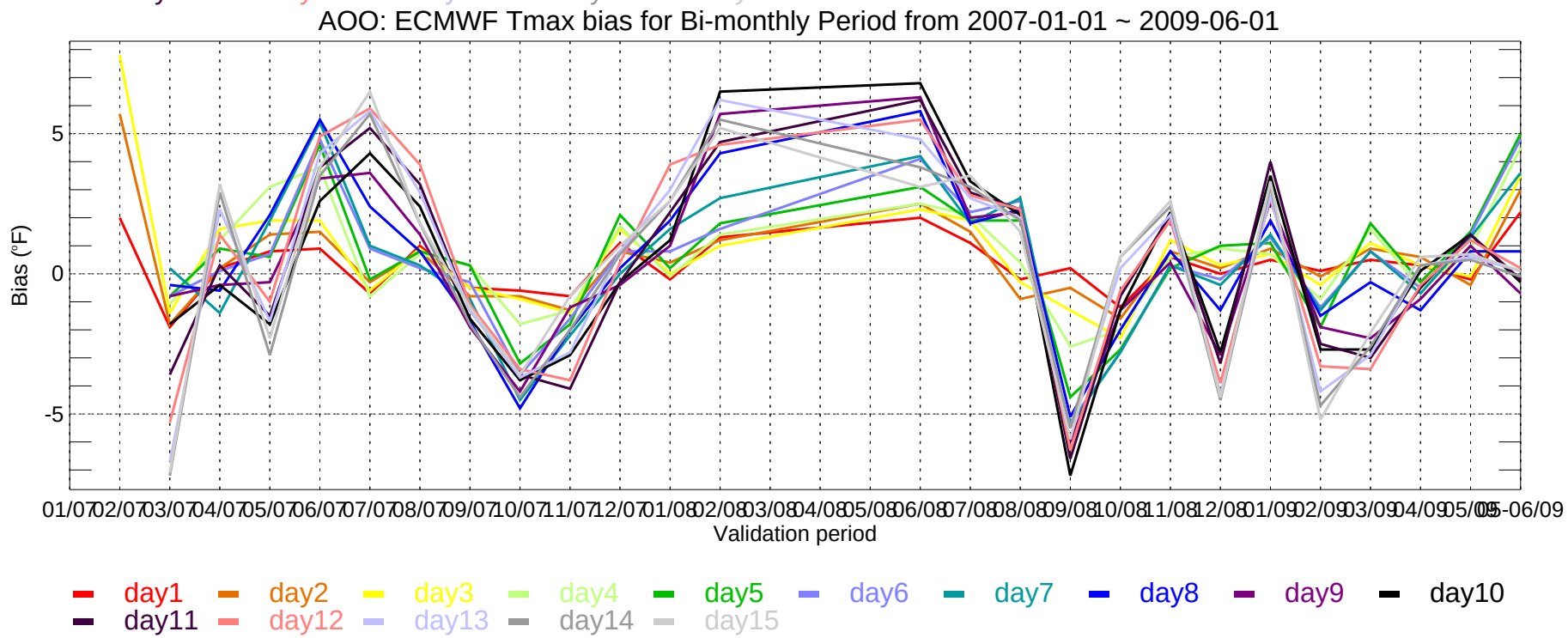

ALW: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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


ALW: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ALW: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ALW: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AOO: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AOO: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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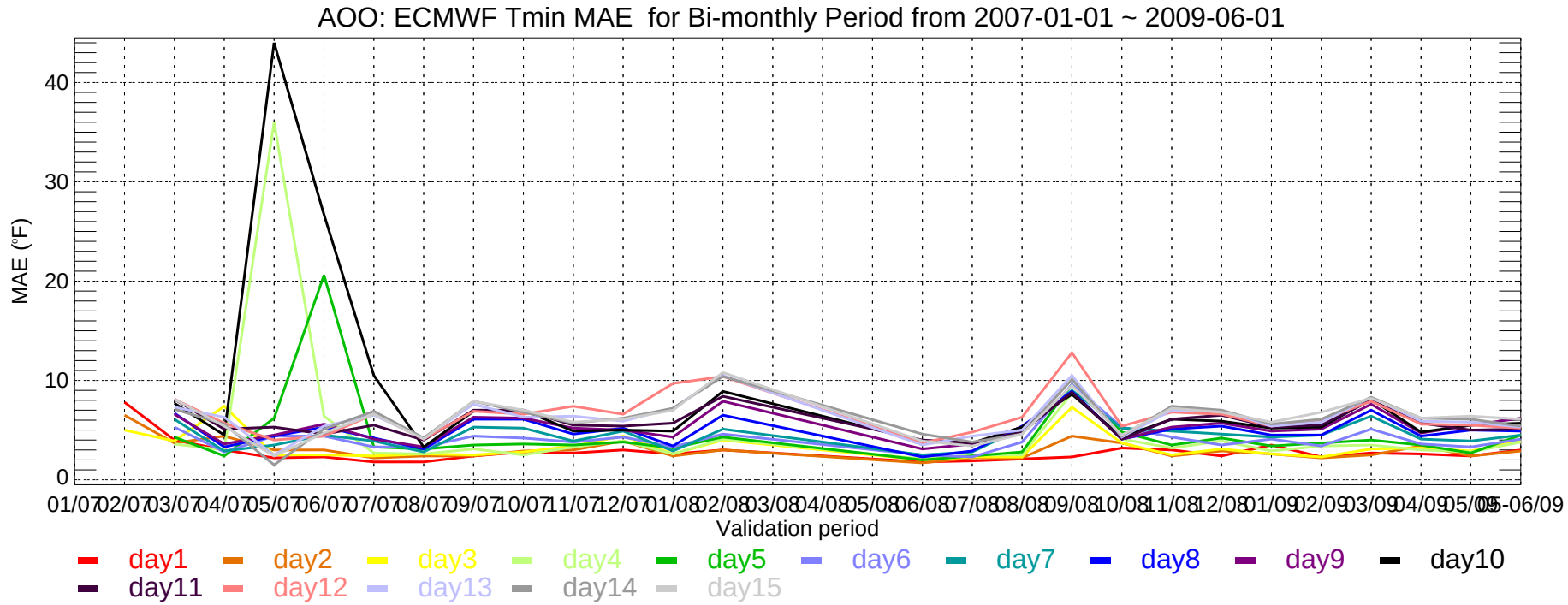
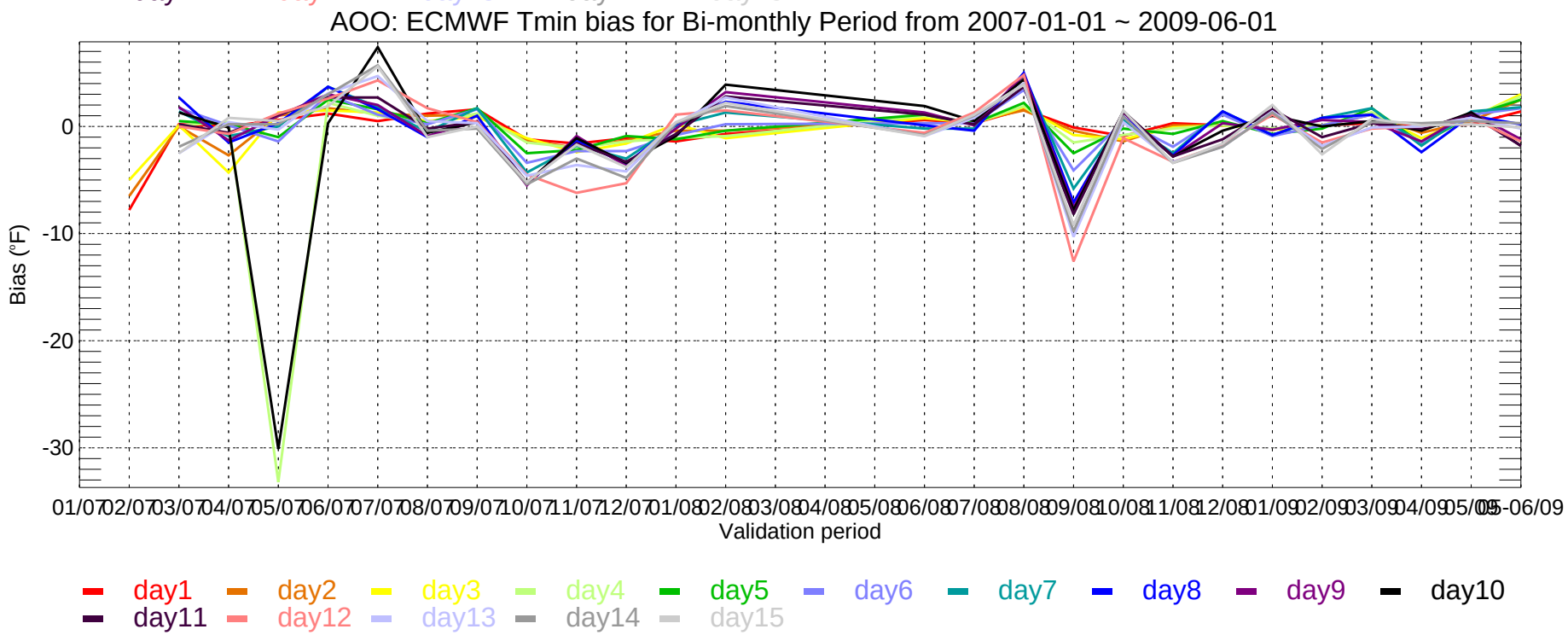
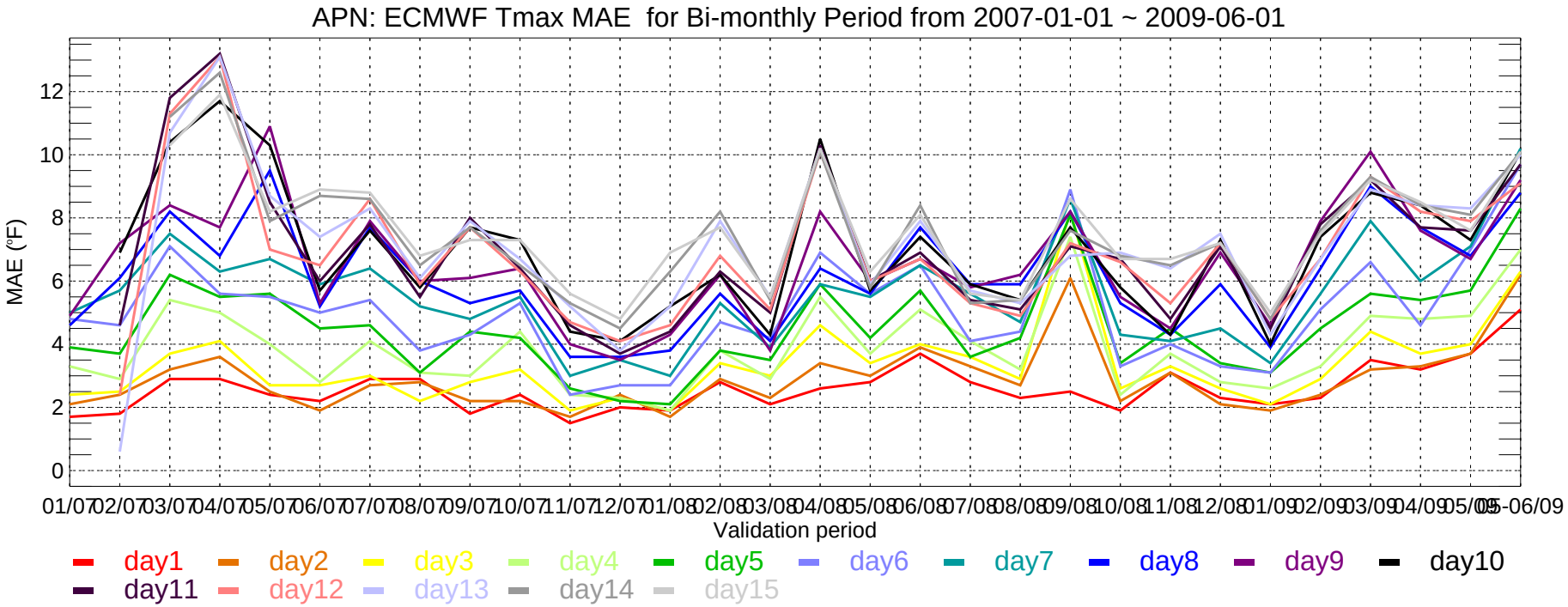
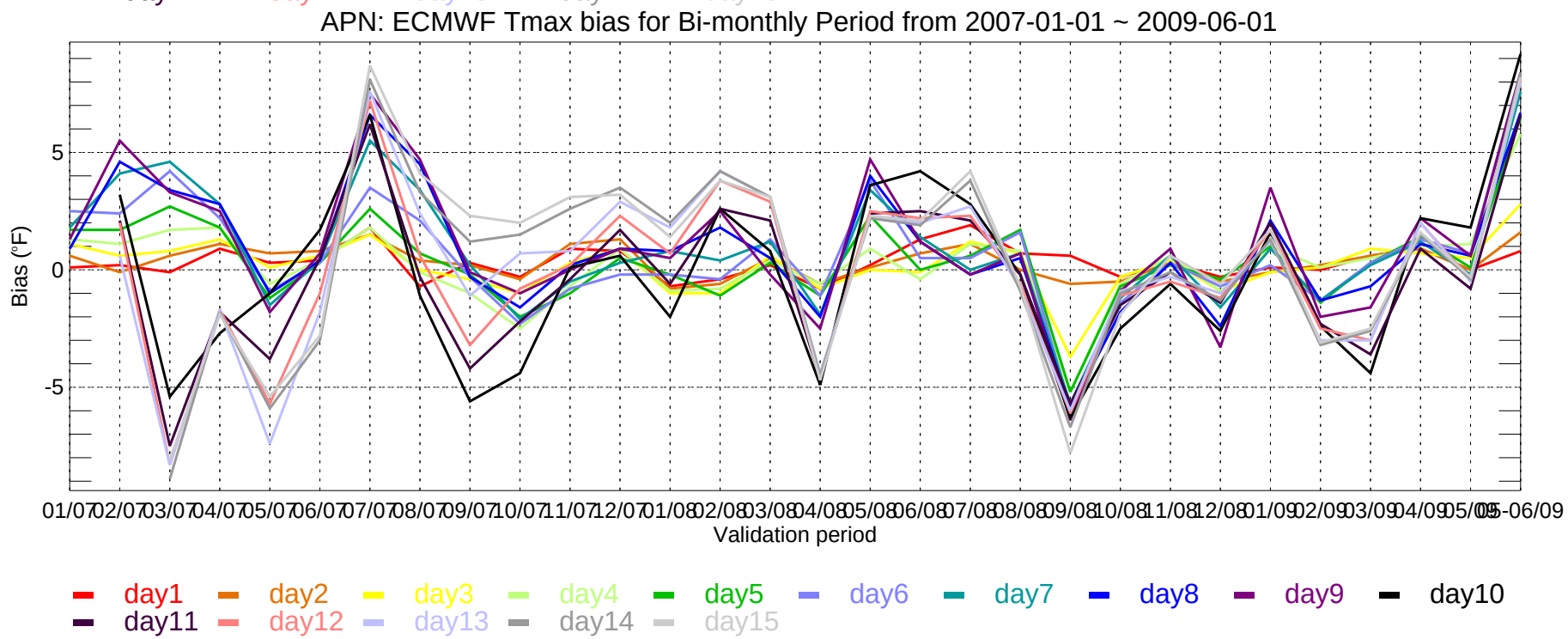
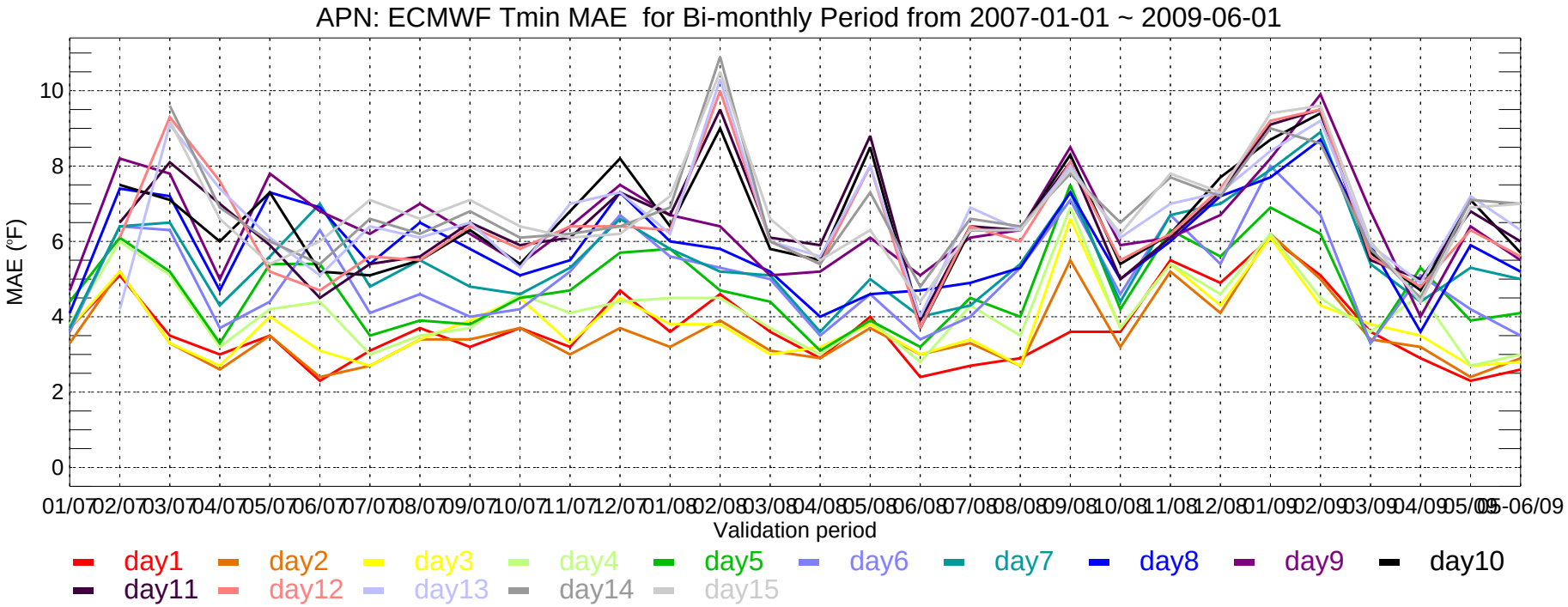
day11 day12 day13 day14 day15

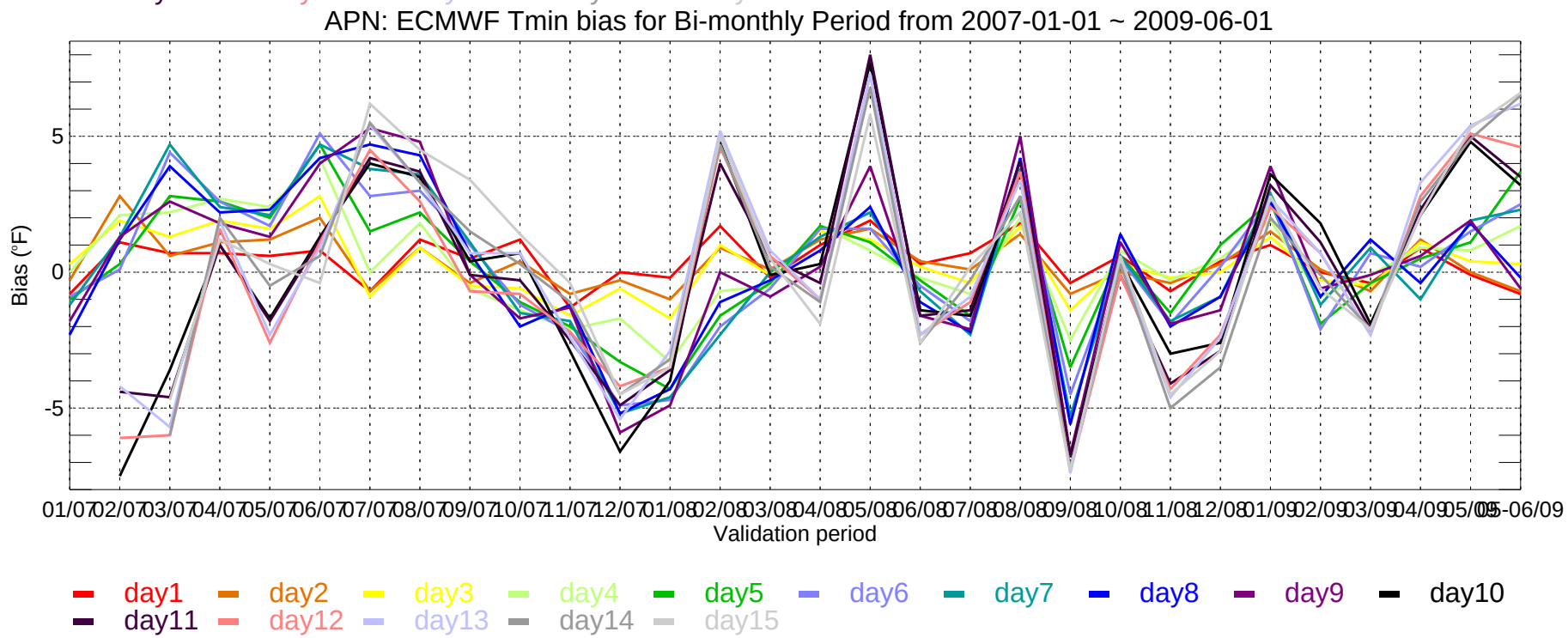

AOO: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
10
20
30
40
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

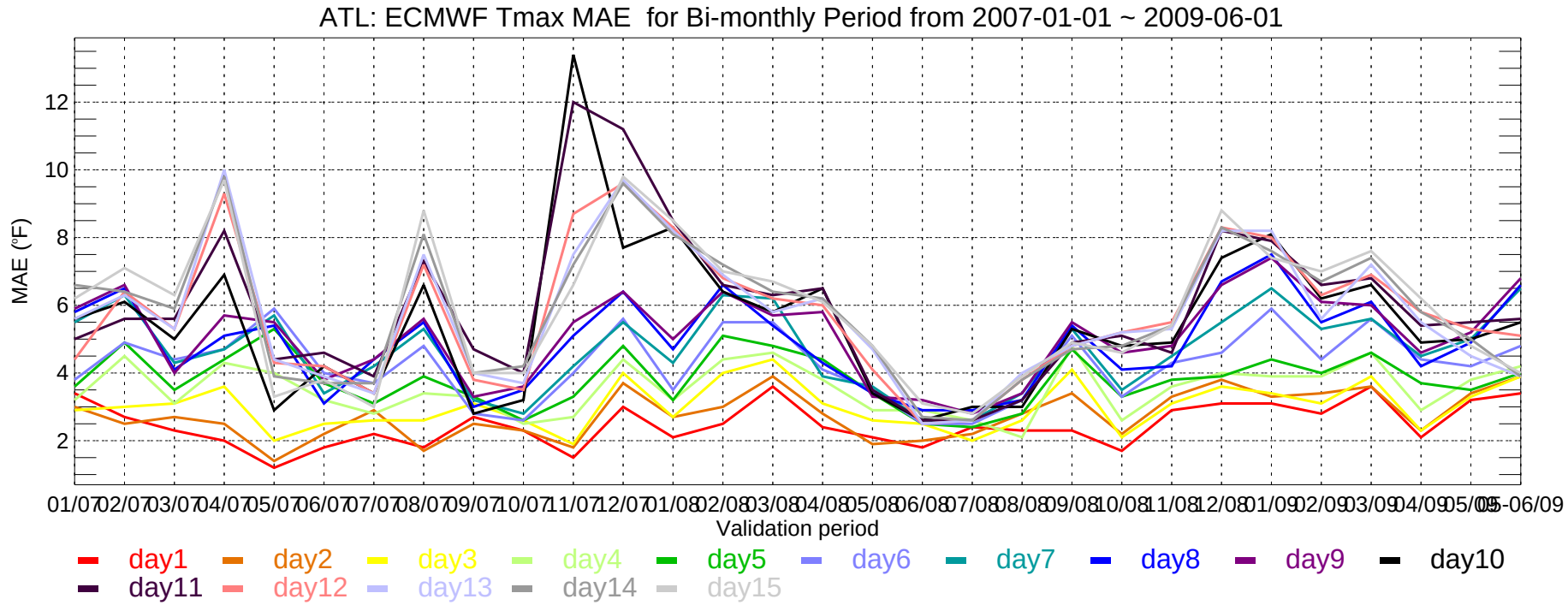

AOO: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
0
-10
-20
-30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

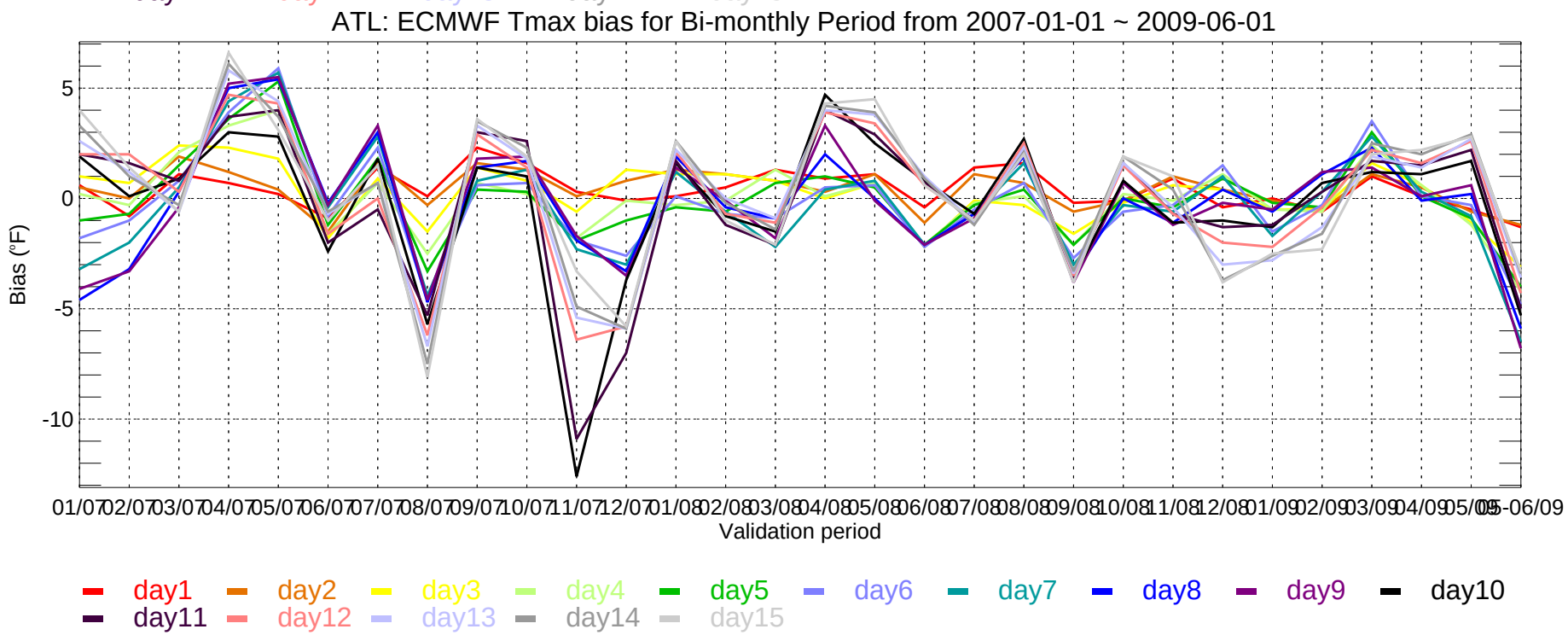

APN: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

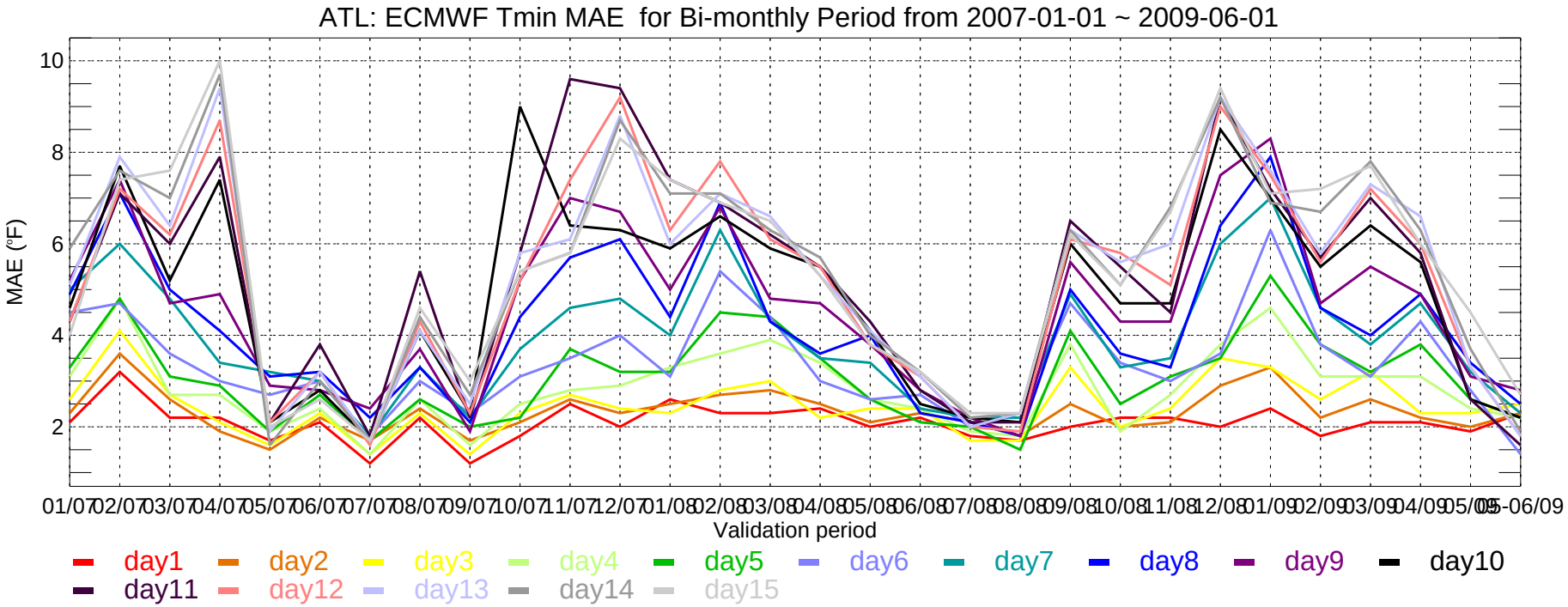

APN: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

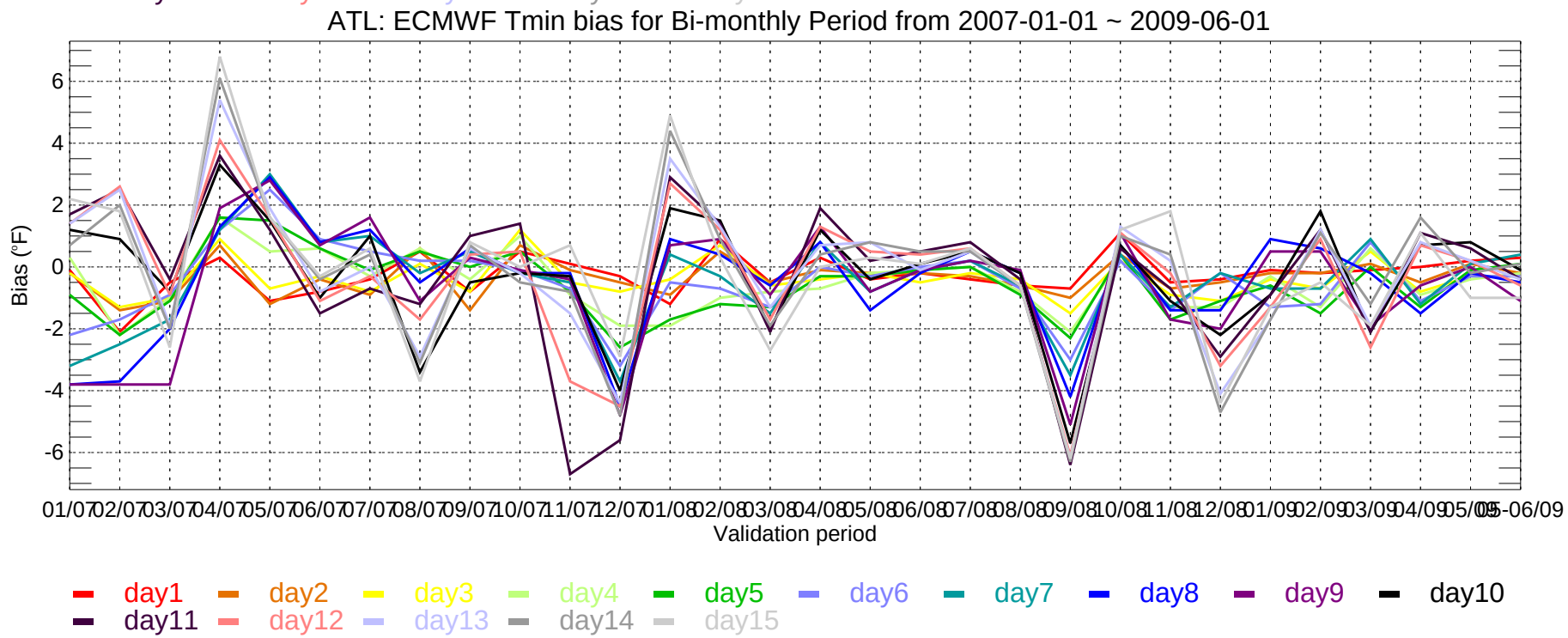

APN: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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


APN: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ATL: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ATL: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ATL: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ATL: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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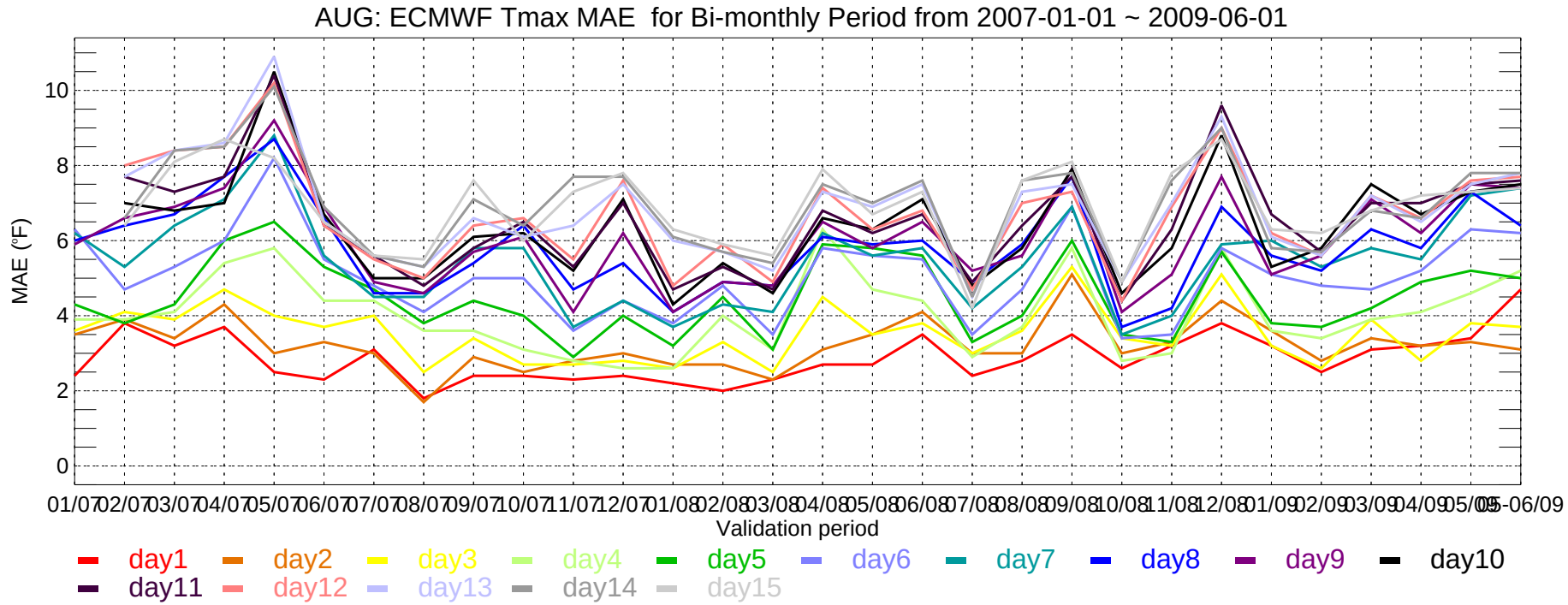
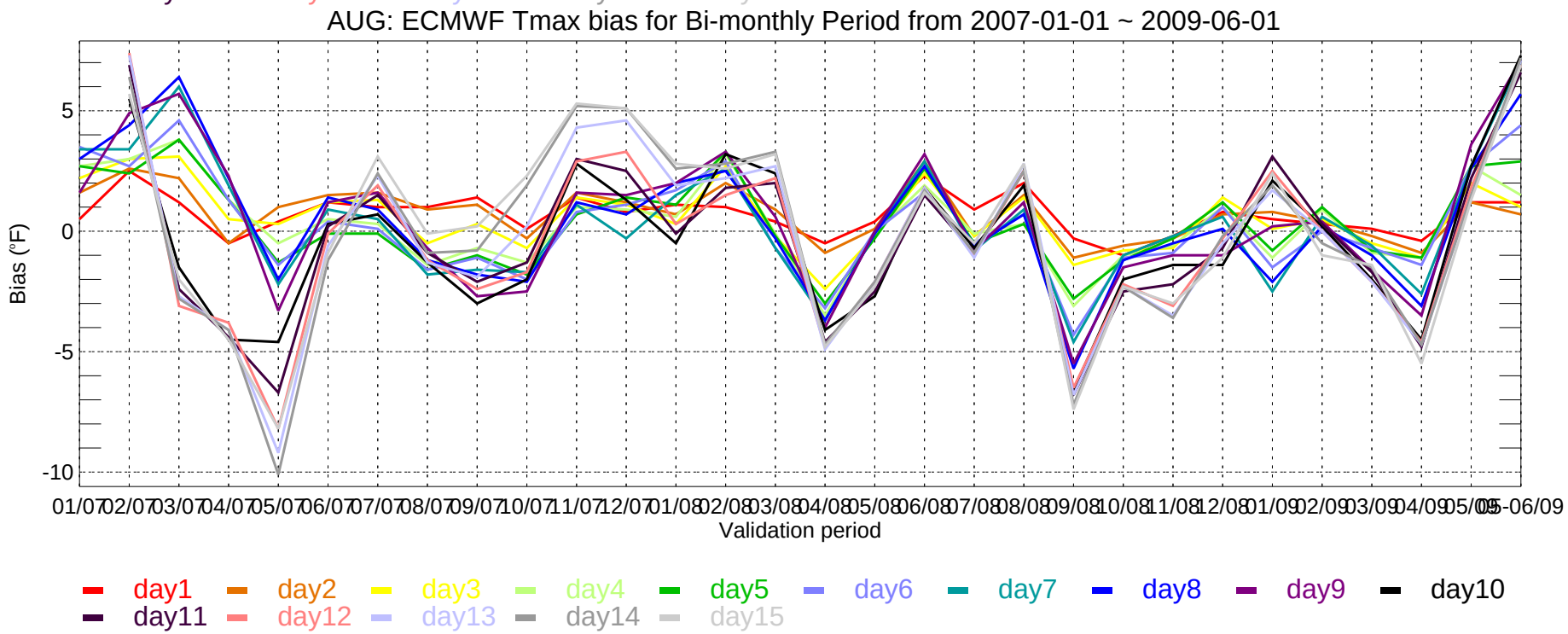
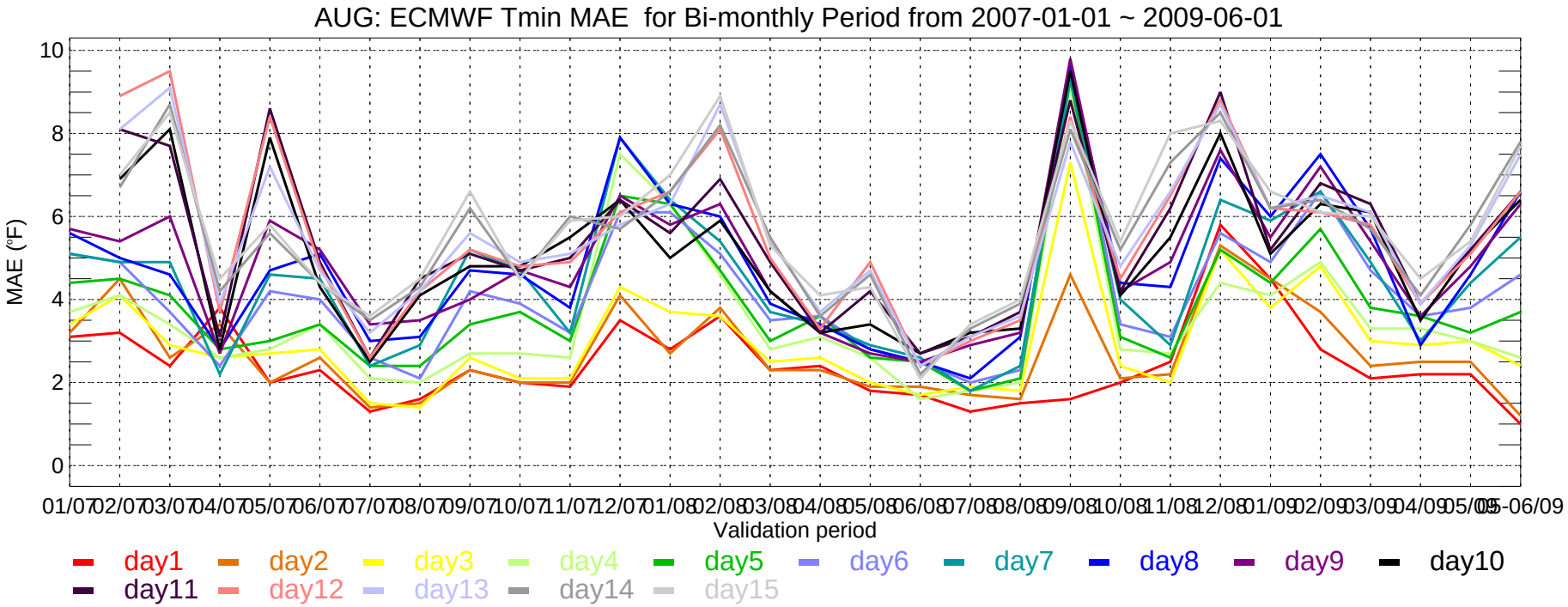
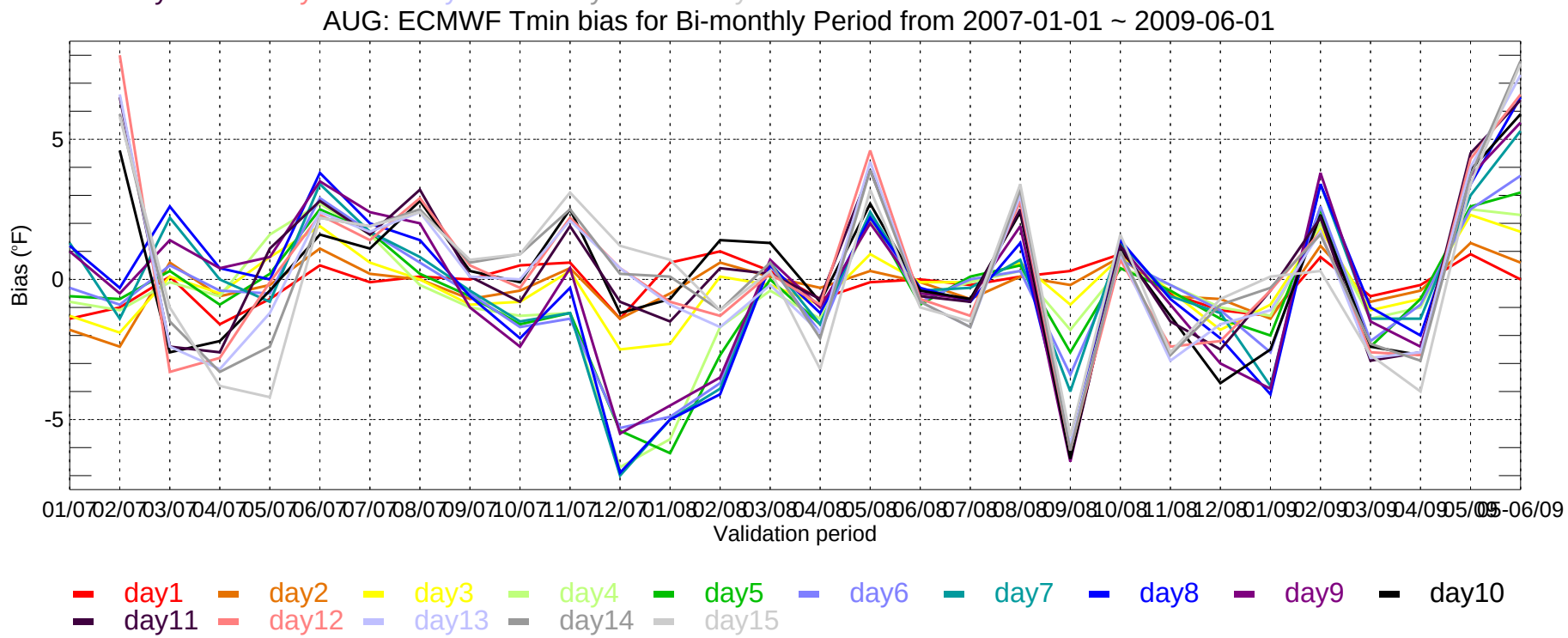
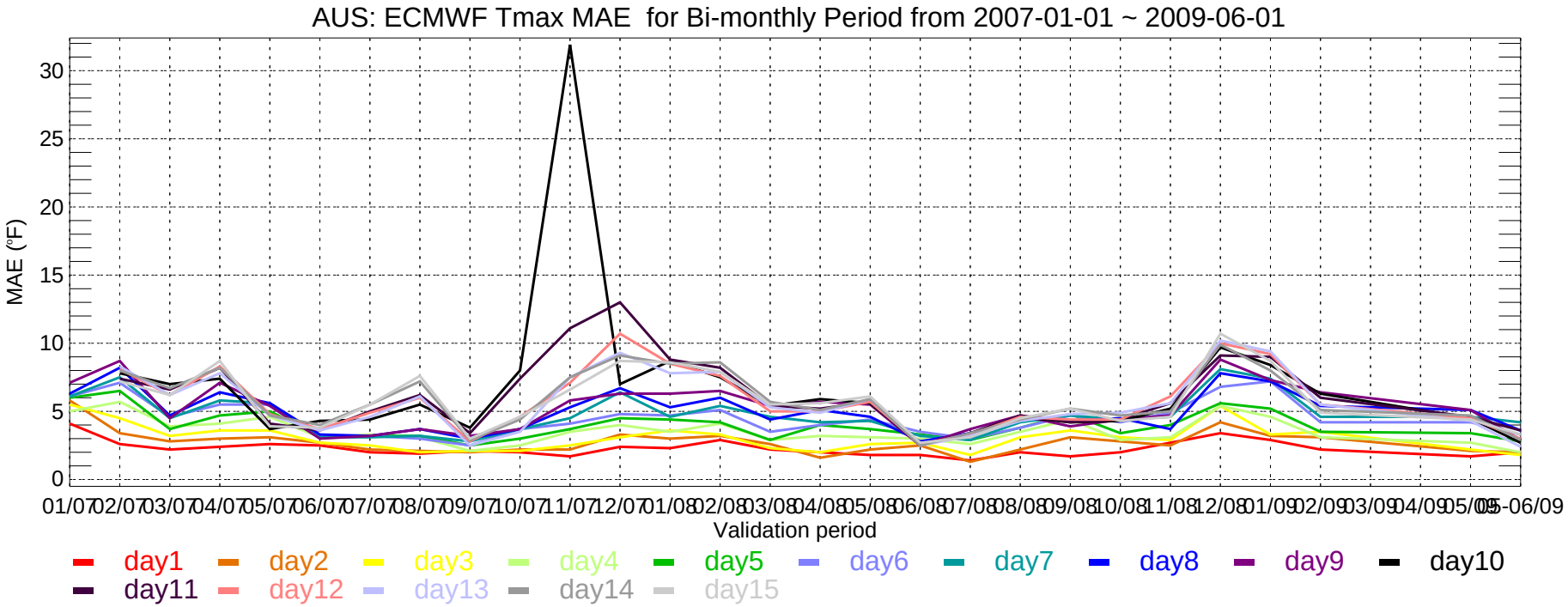
day11 day12 day13 day14 day15

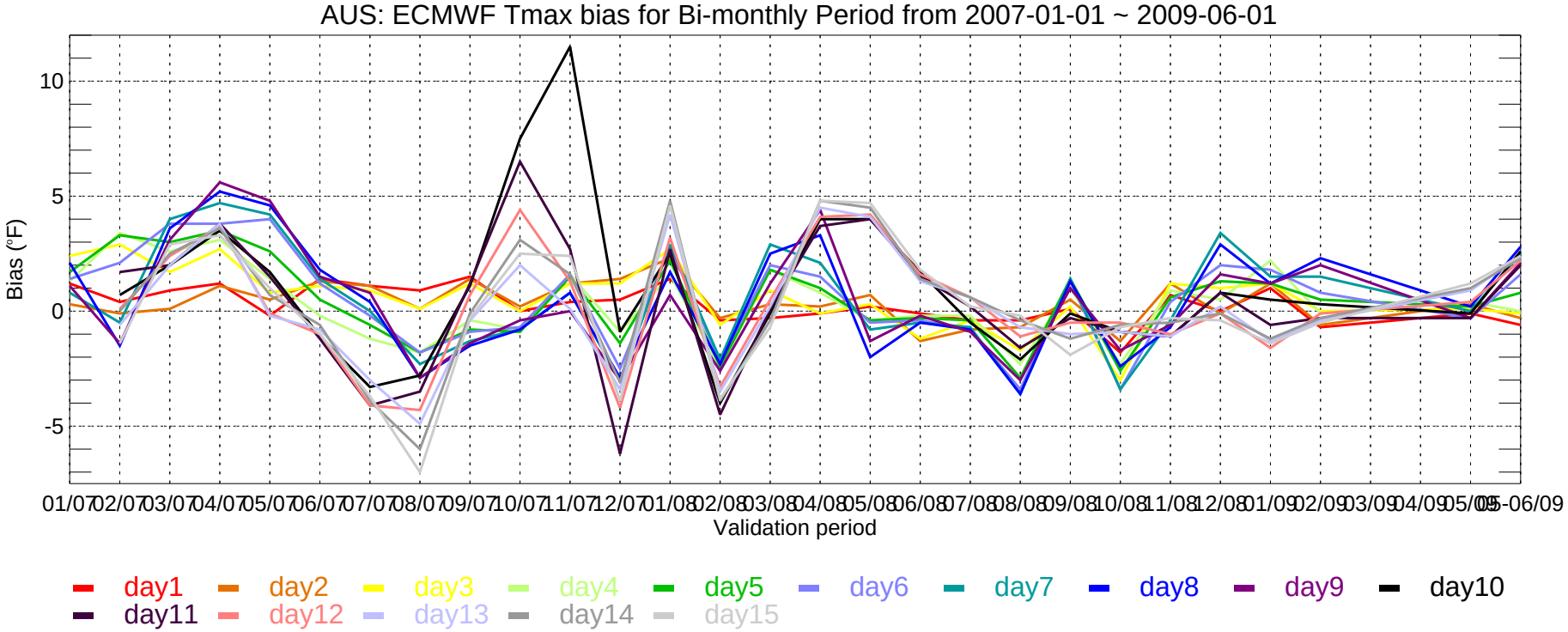

AUG: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

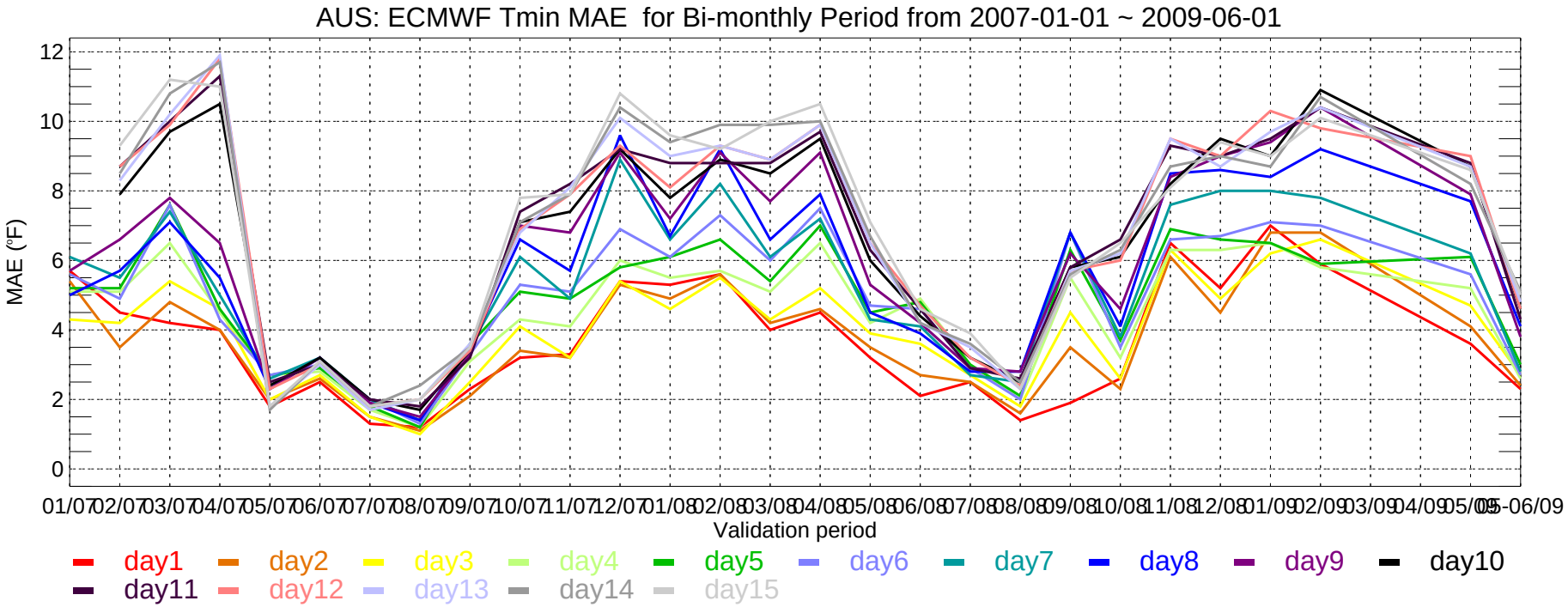

AUG: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

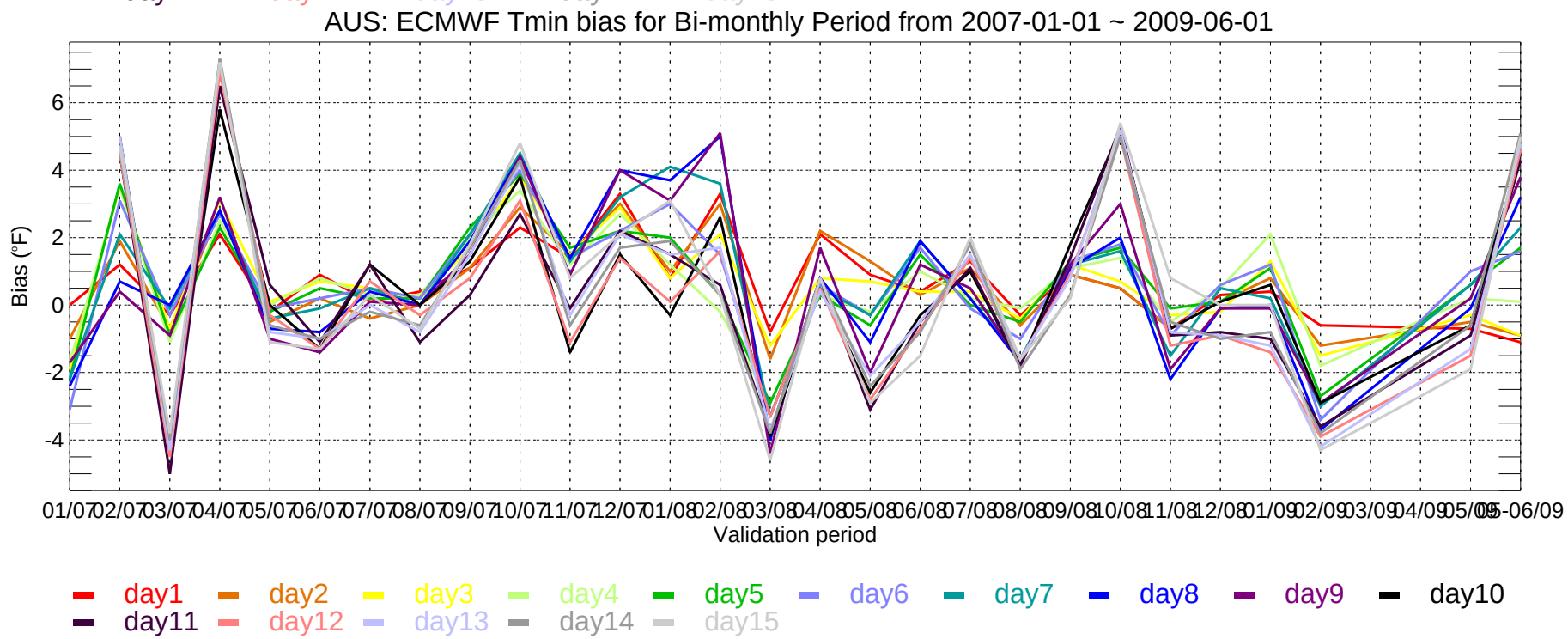

AUG: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

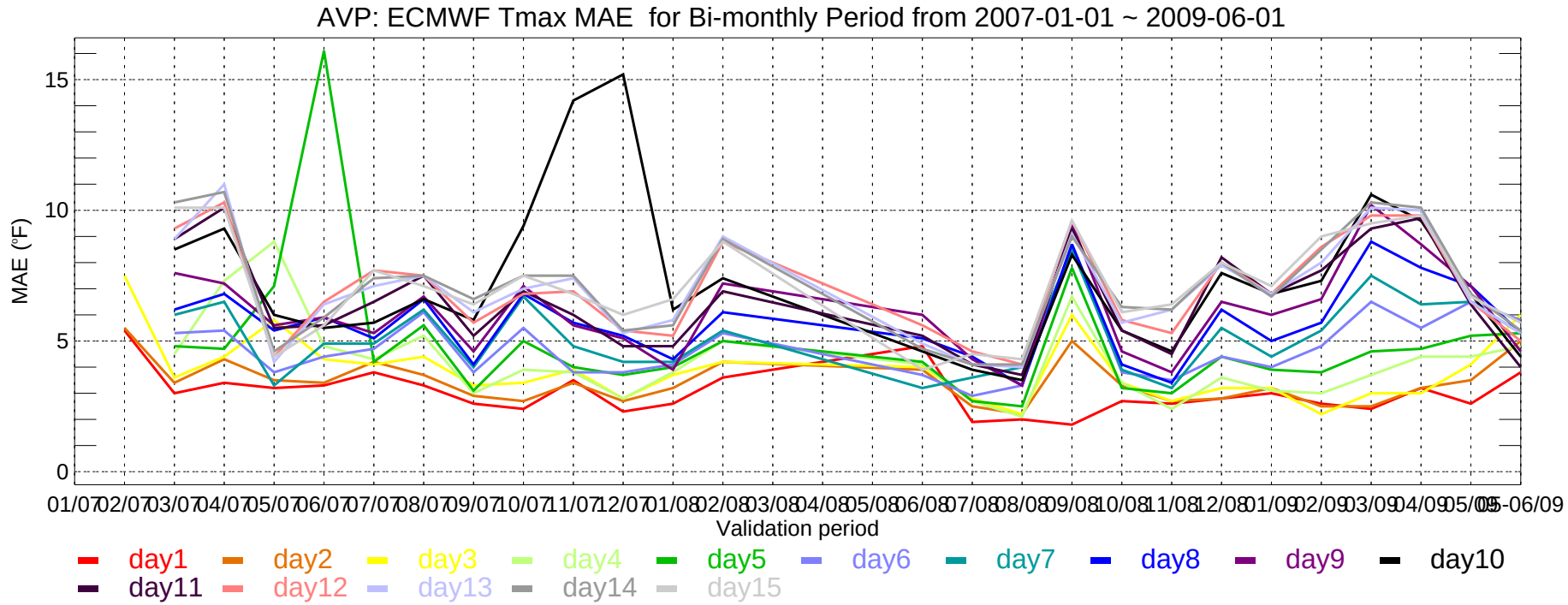

AUG: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

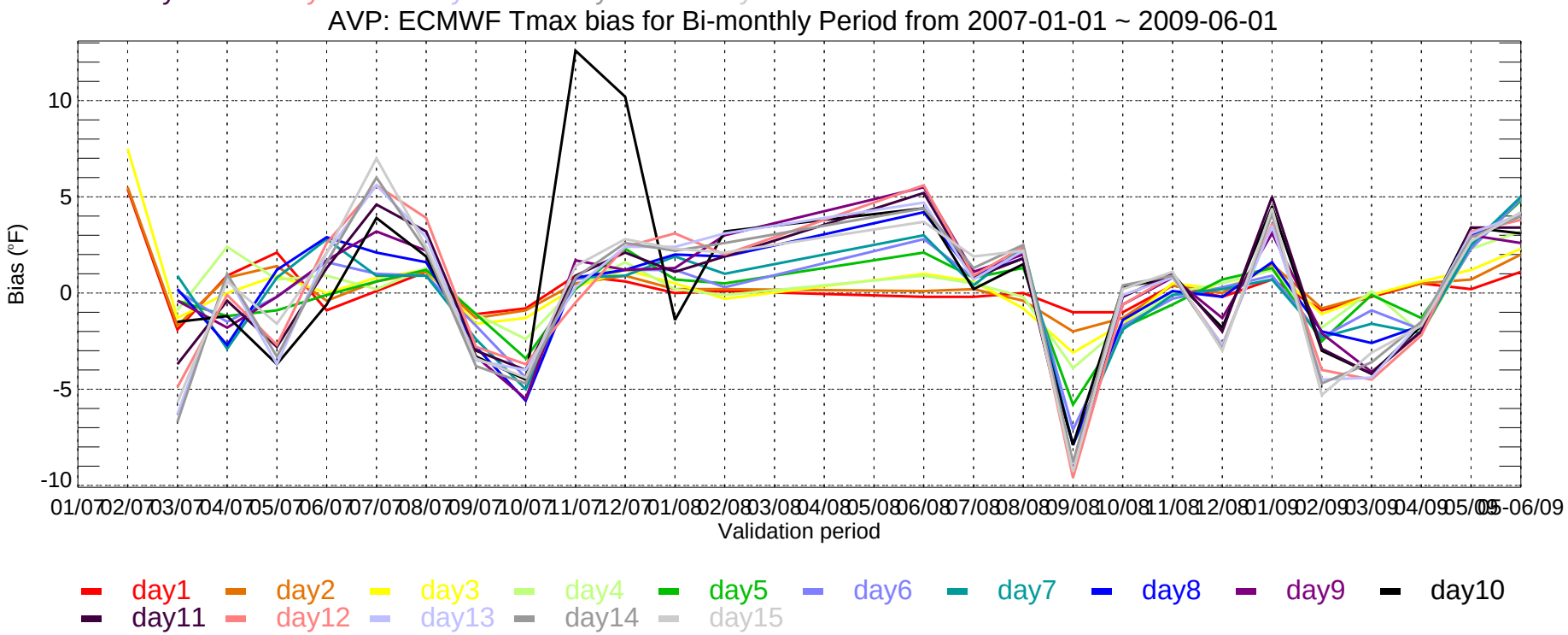

AUS: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

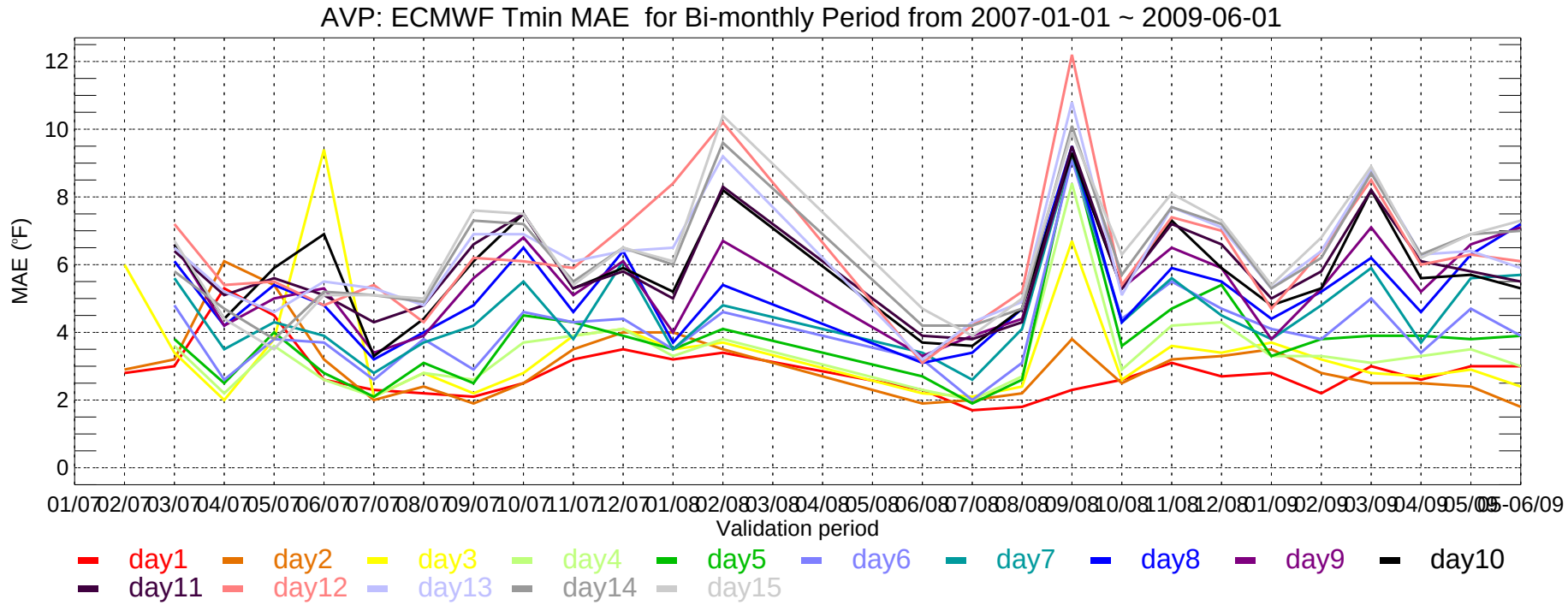

AUS: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

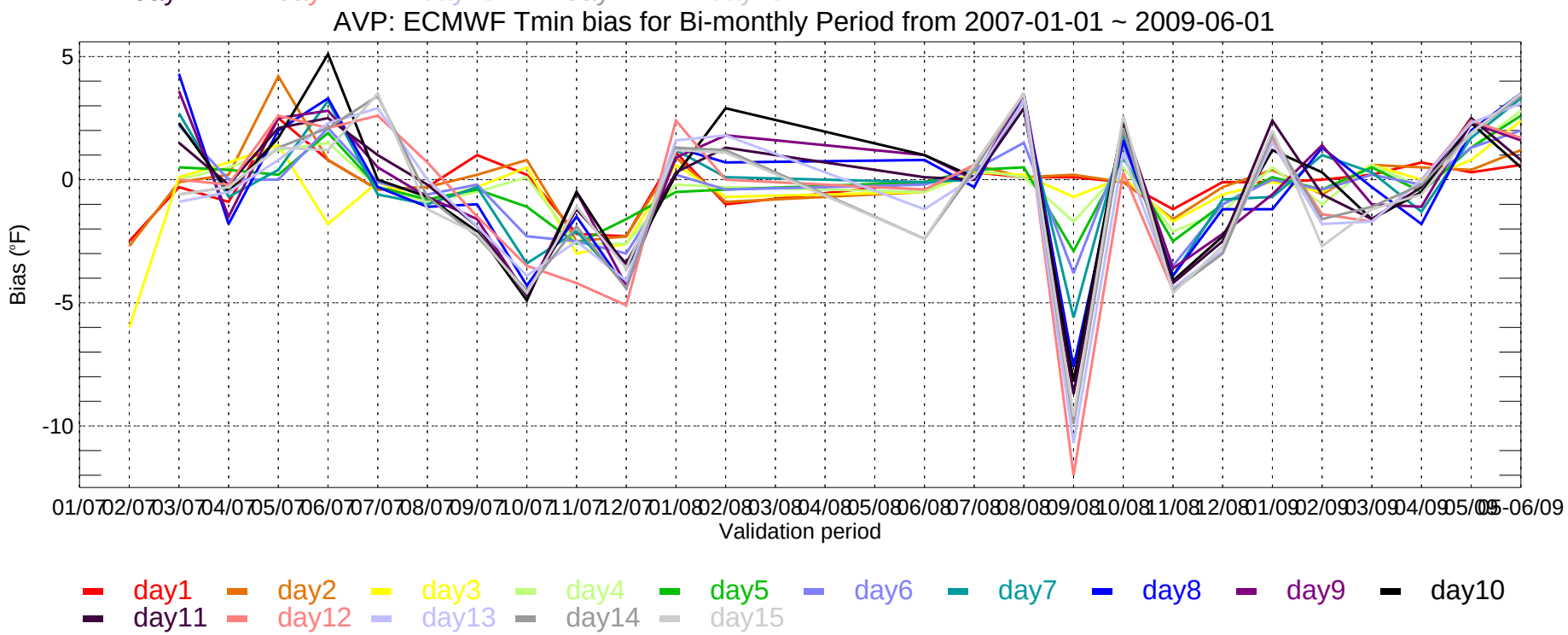

AUS: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

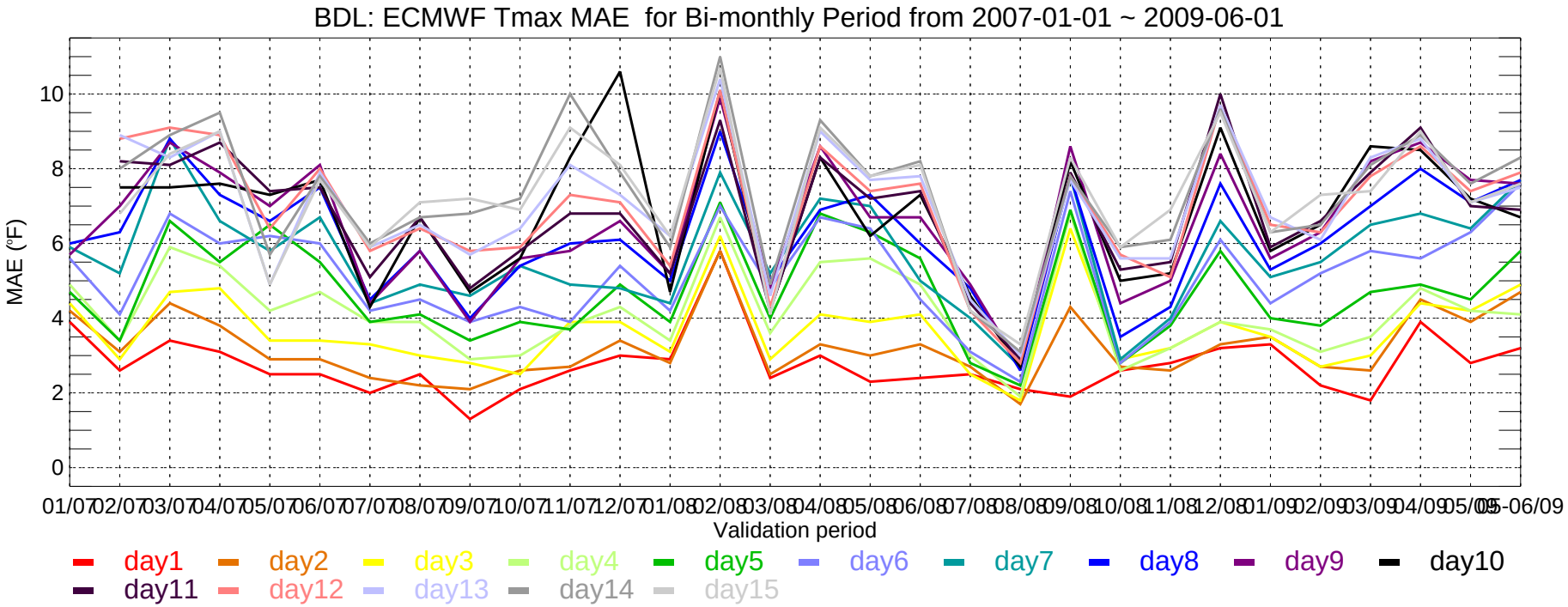

AUS: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

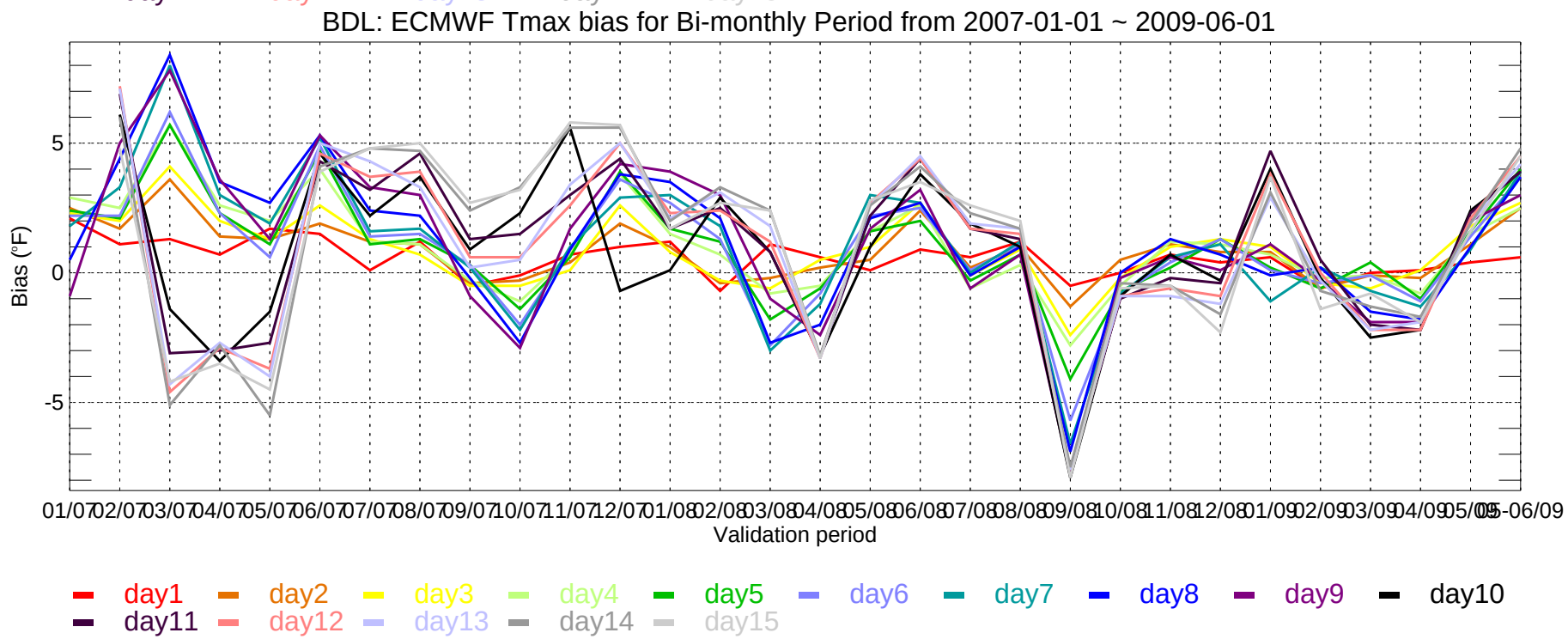

AVP: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

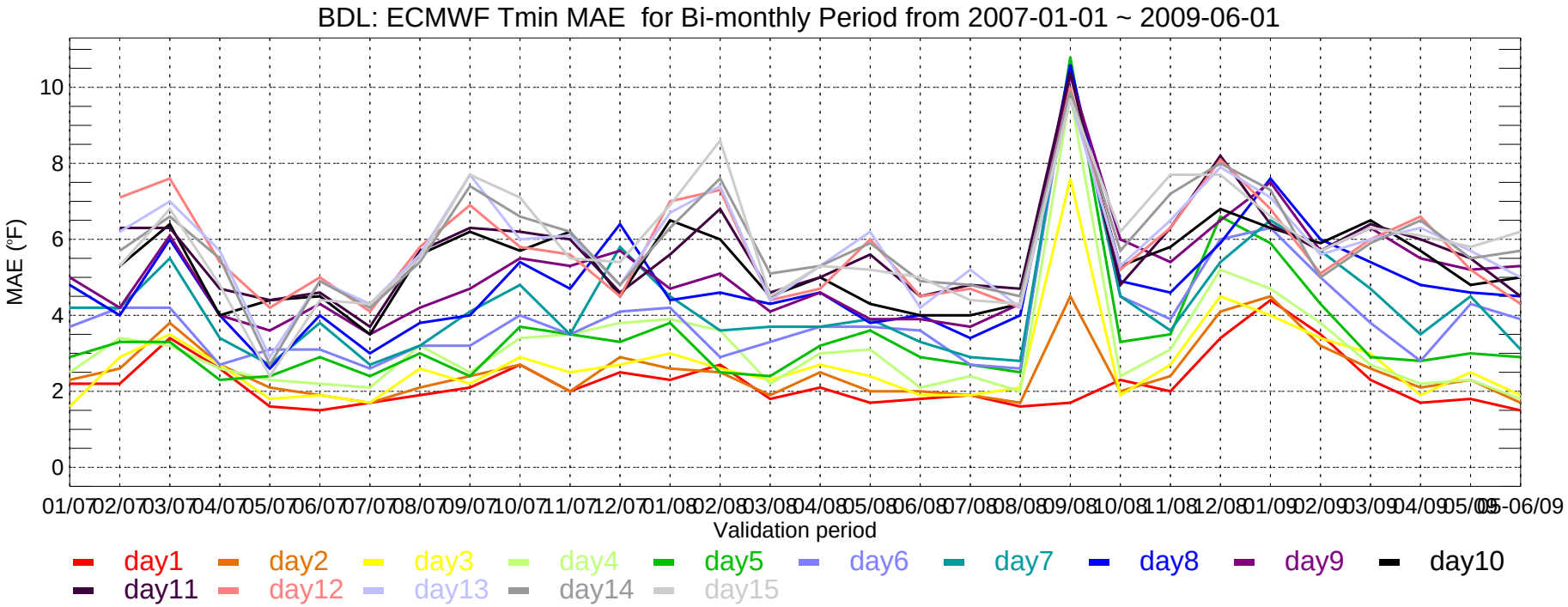

AVP: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

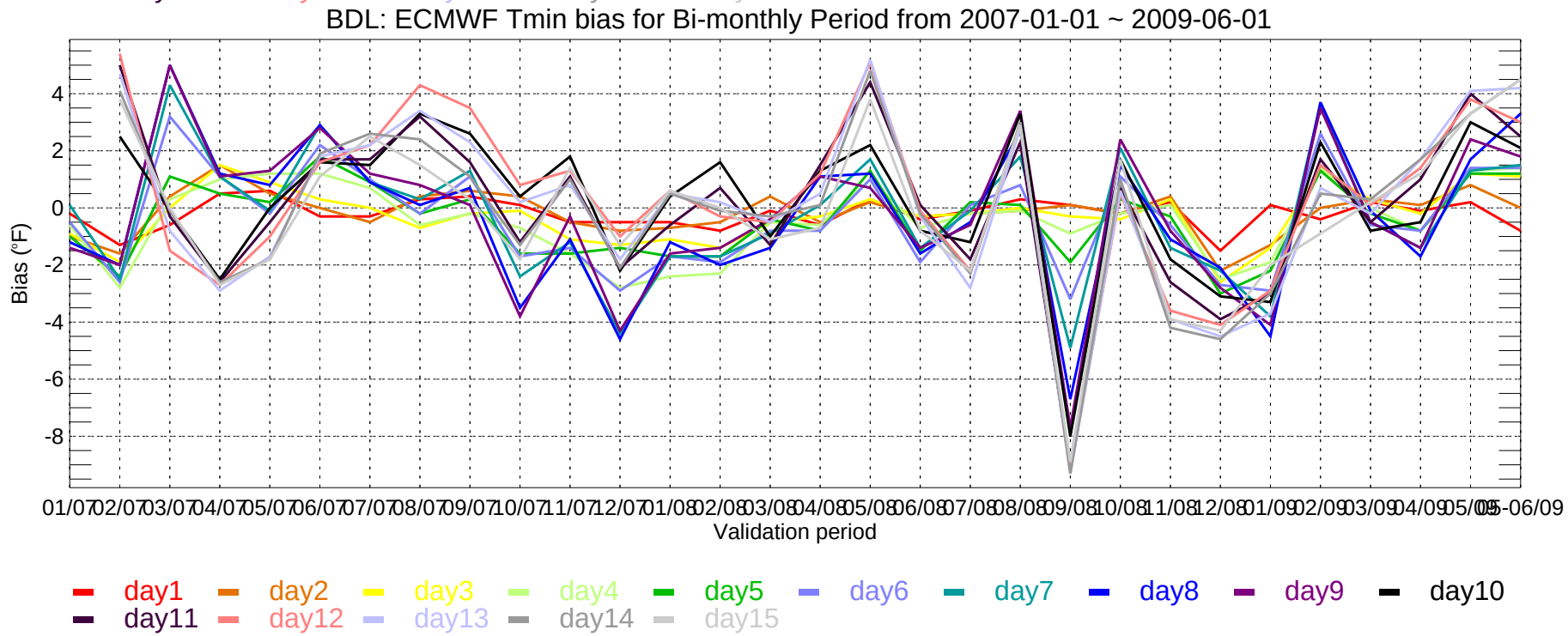

AVP: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

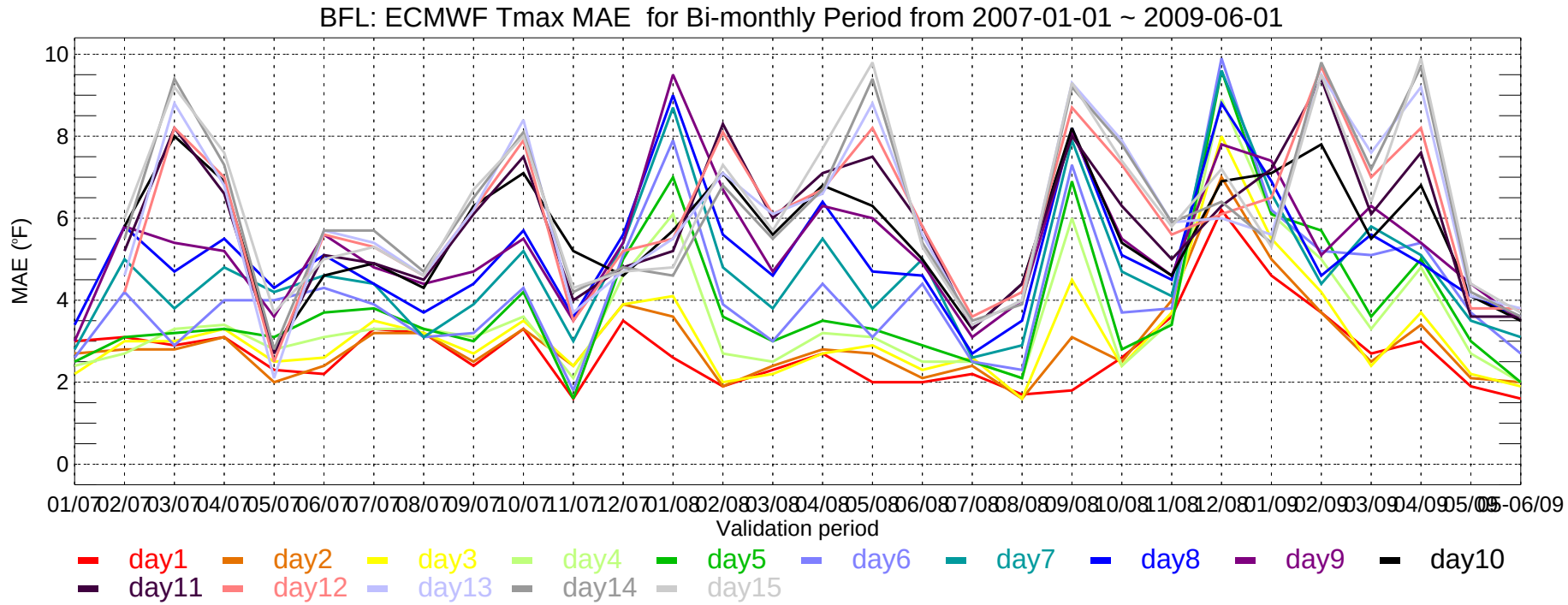

AVP: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

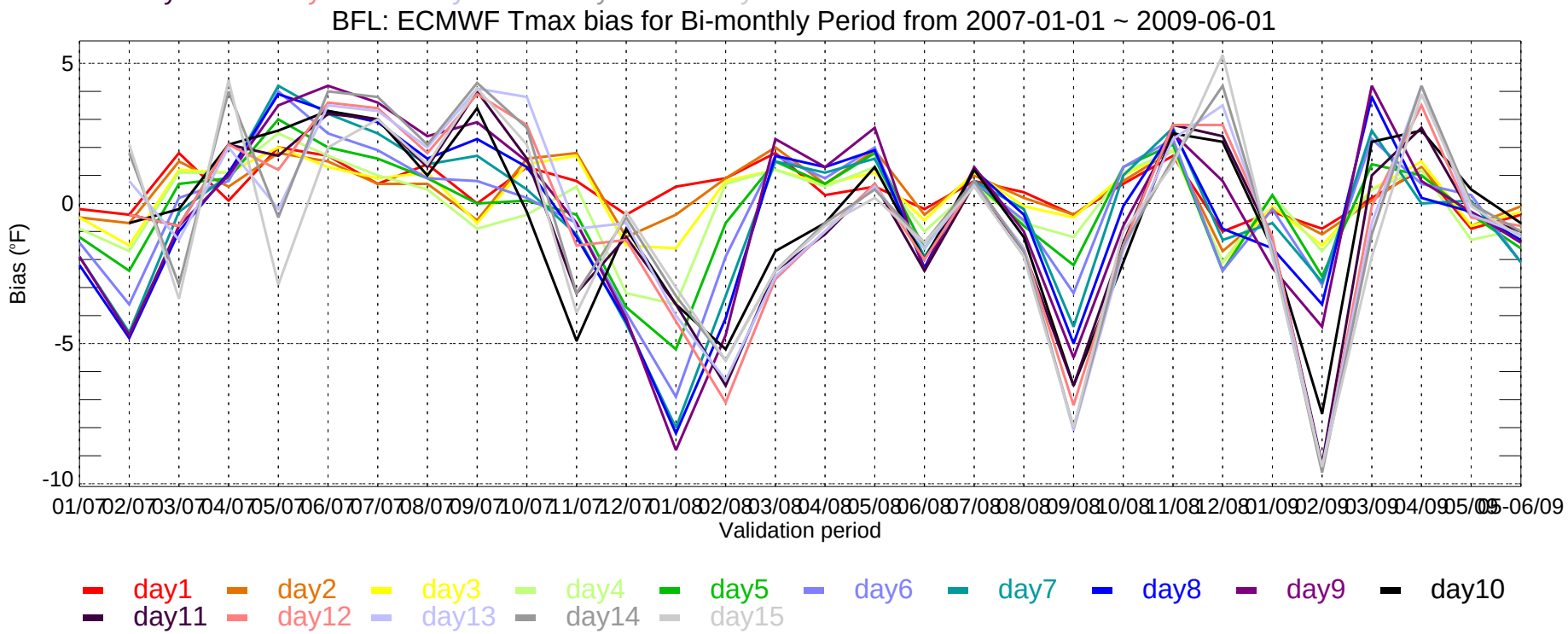

BDL: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

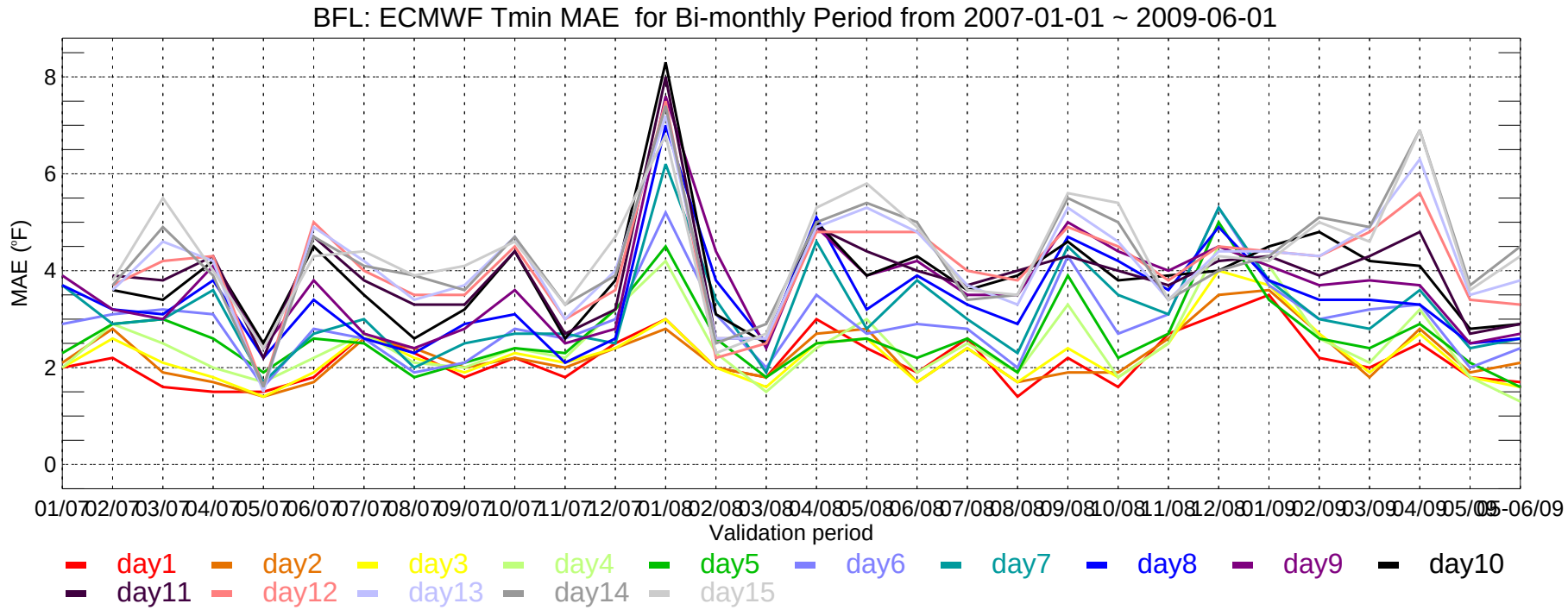

BDL: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

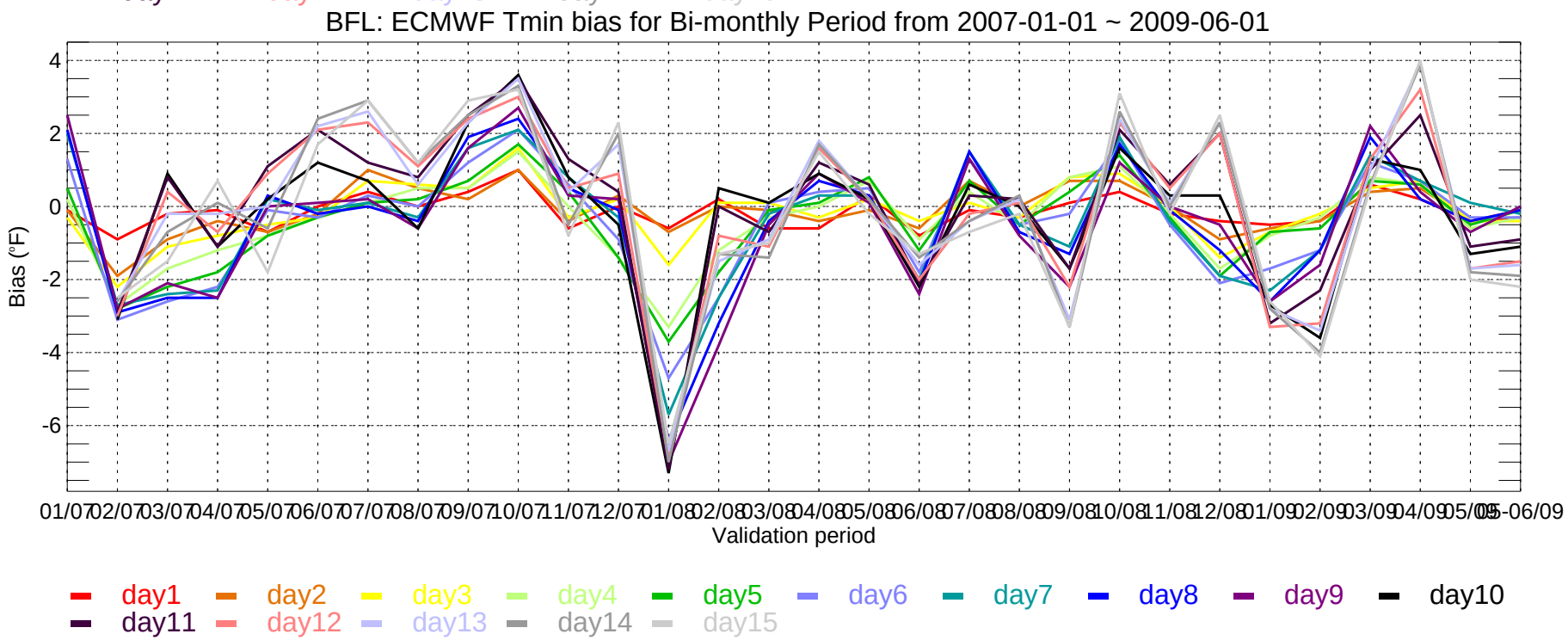

BDL: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

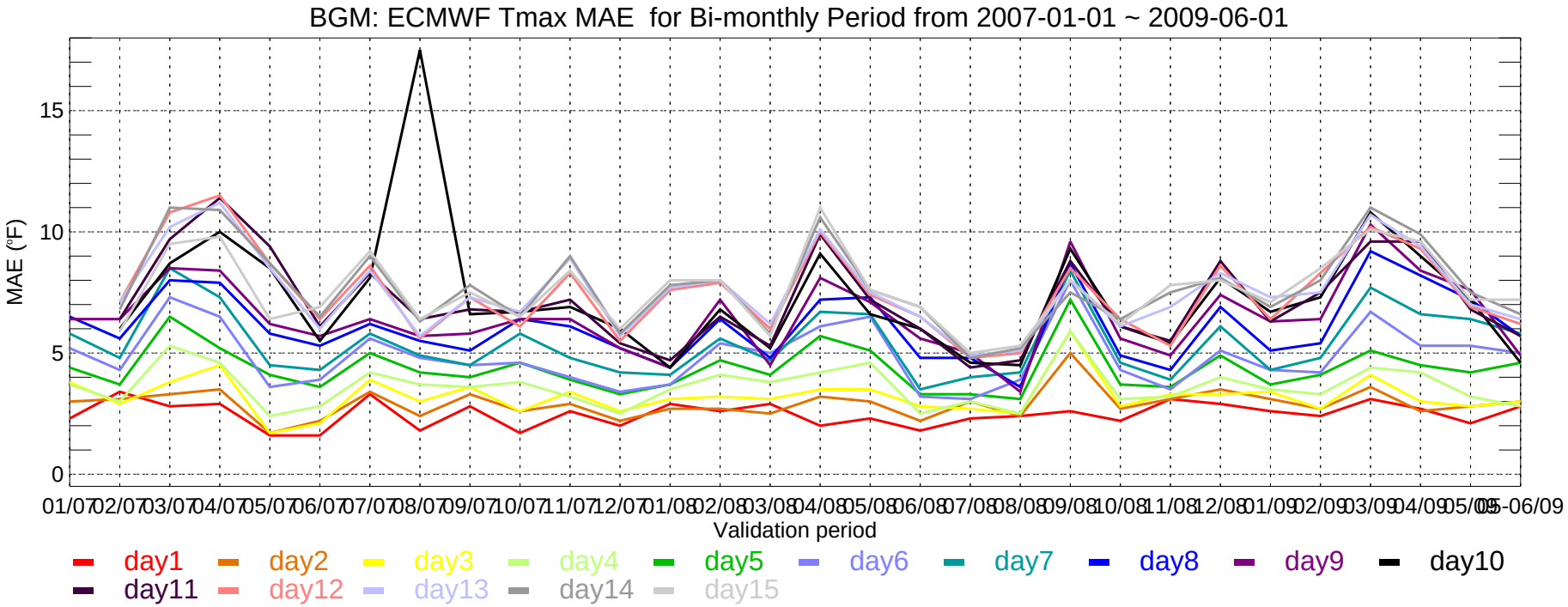

BDL: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-8
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

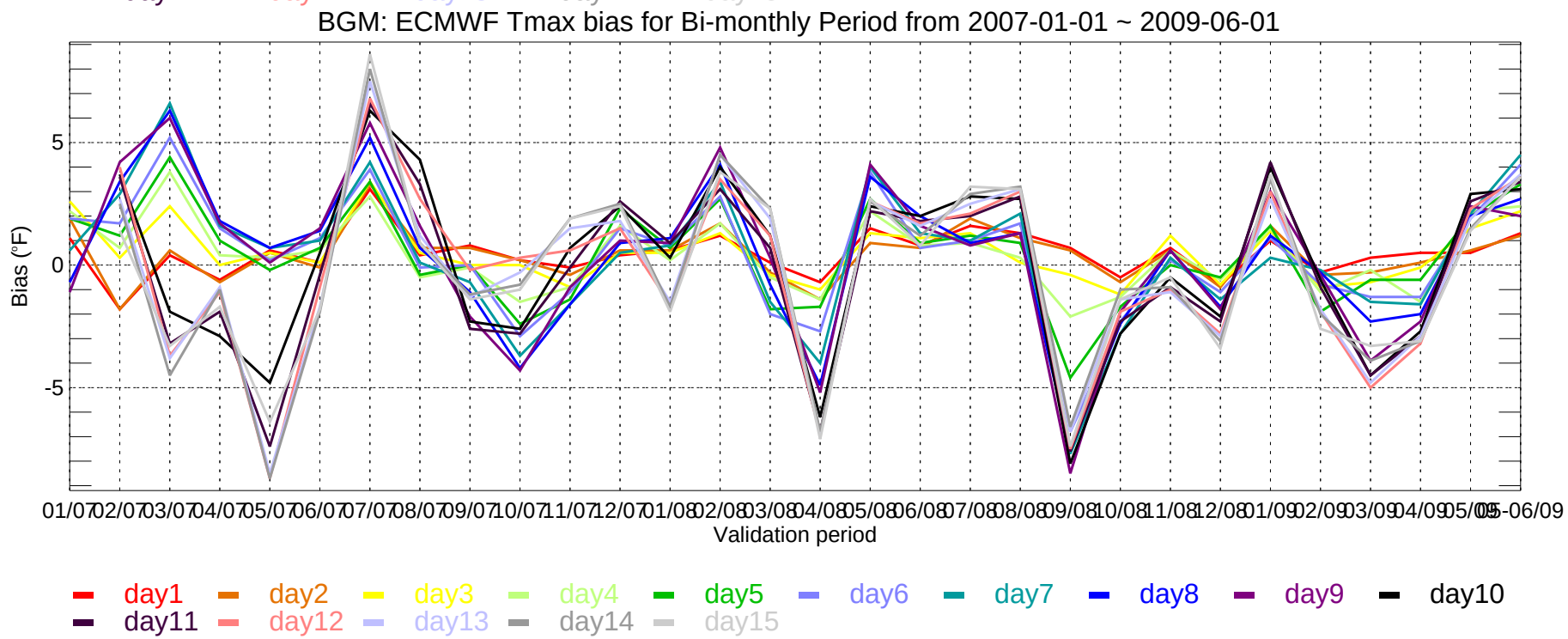

BFL: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

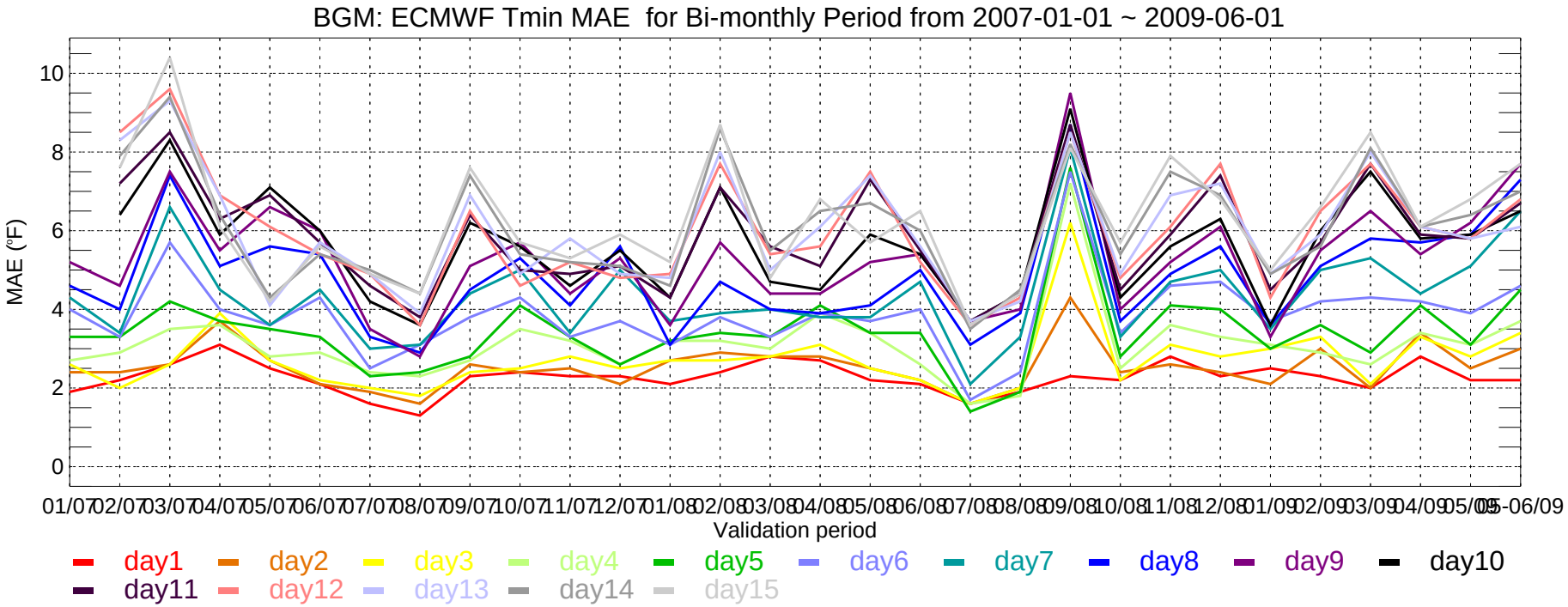

BFL: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

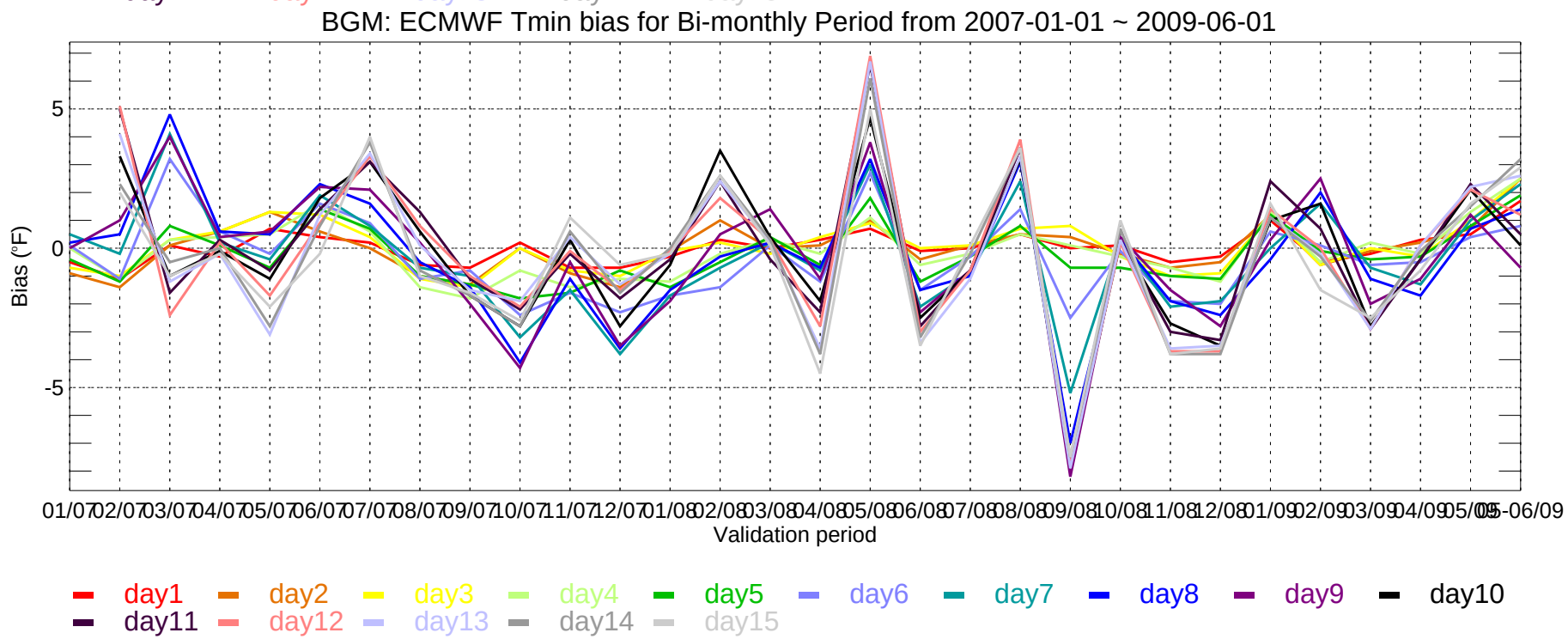

BFL: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

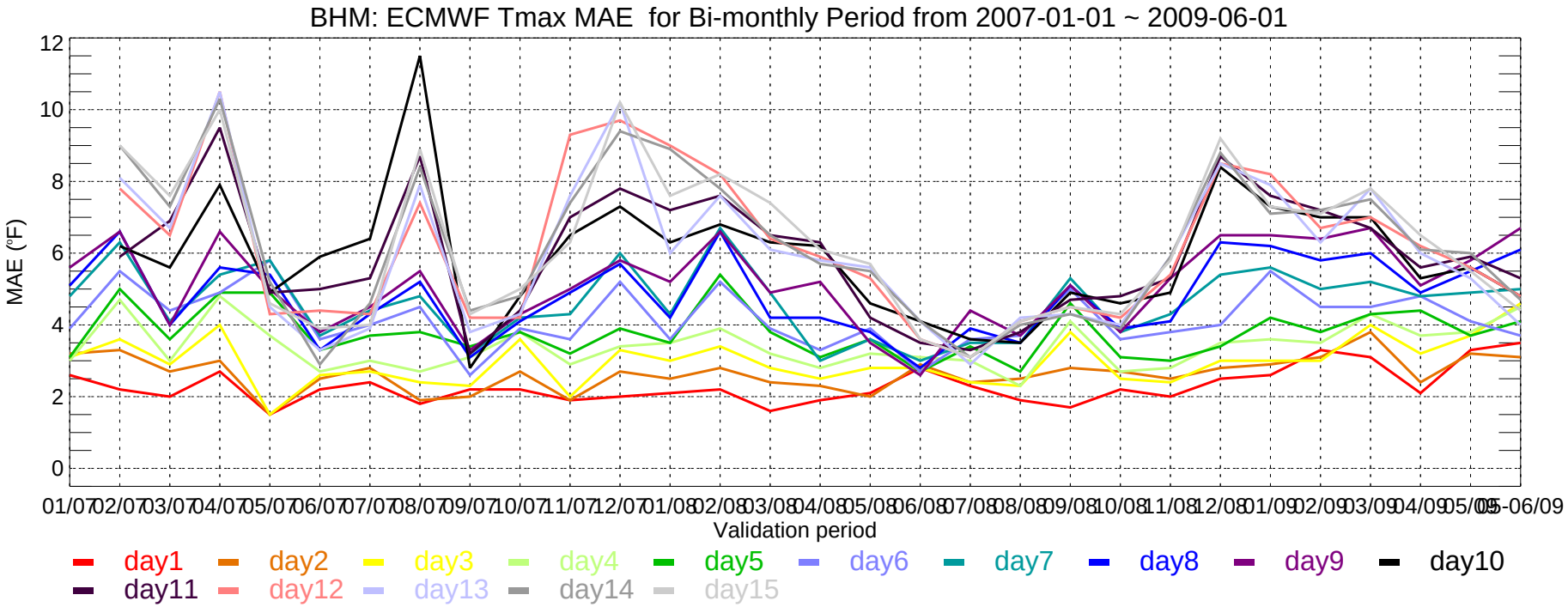

BFL: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

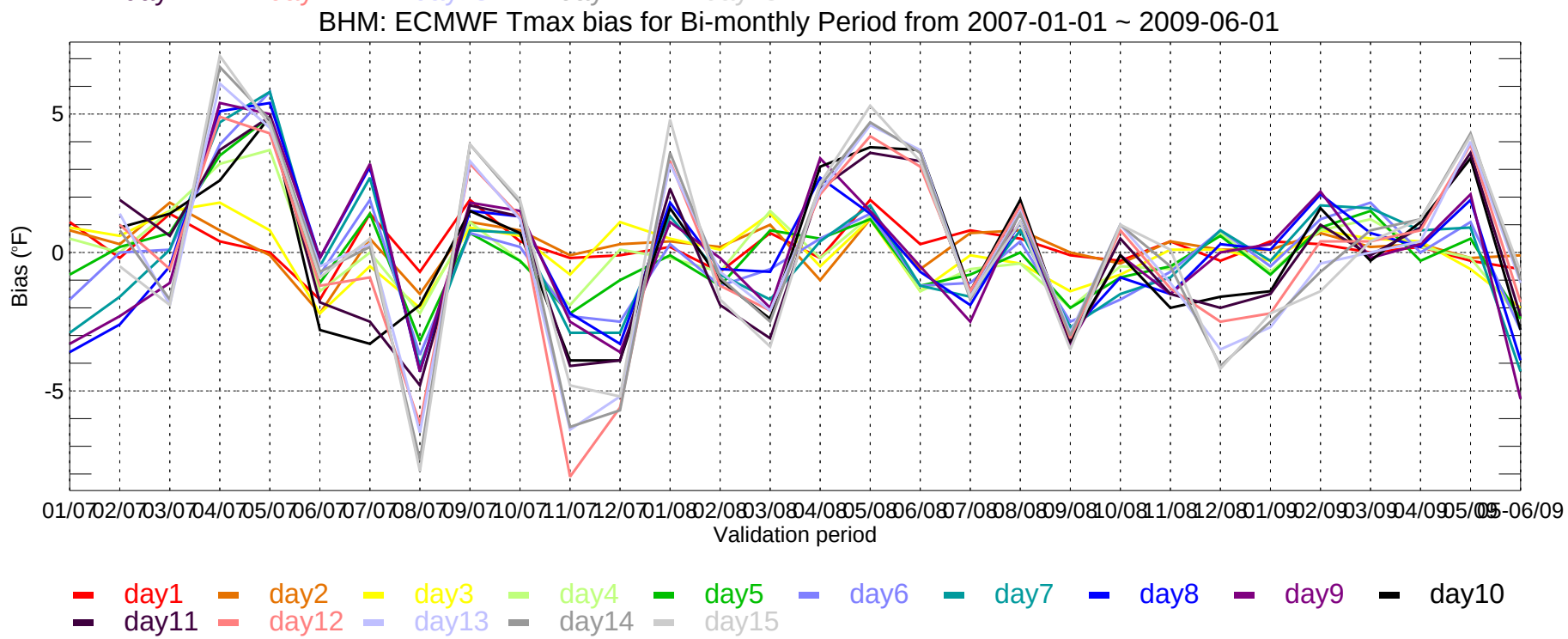

BGM: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

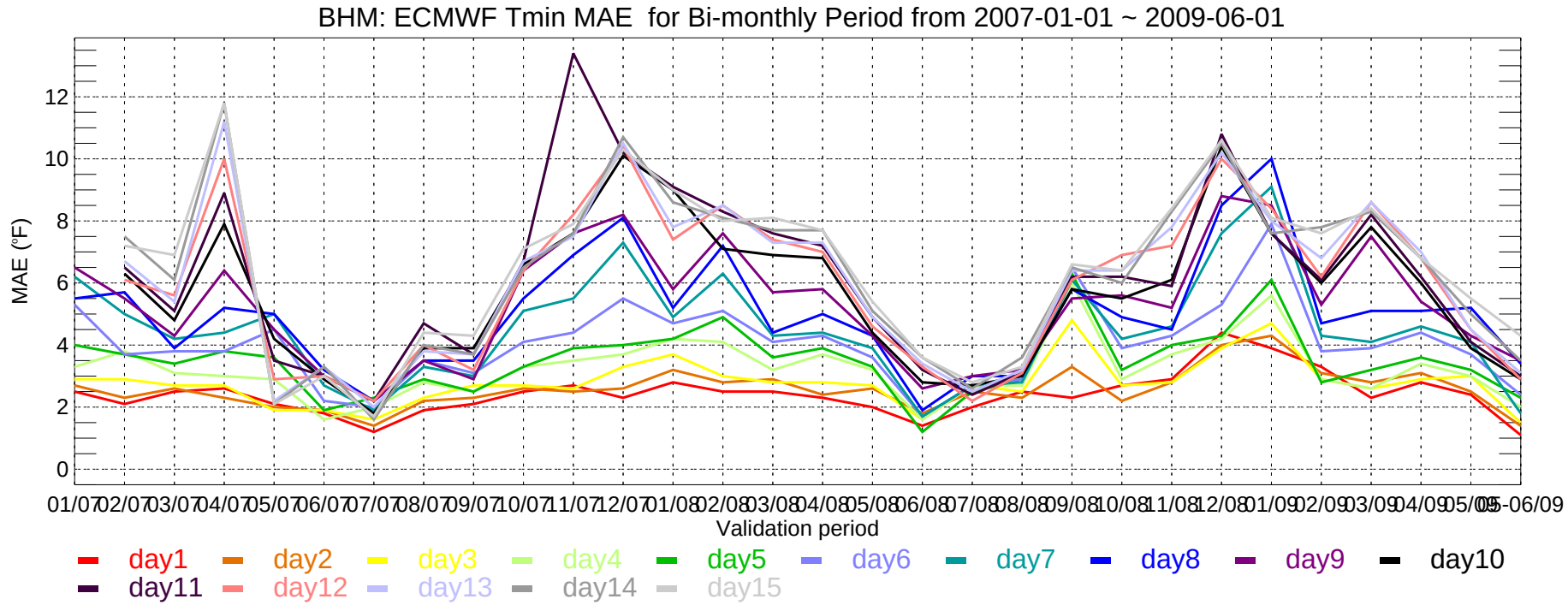

BGM: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

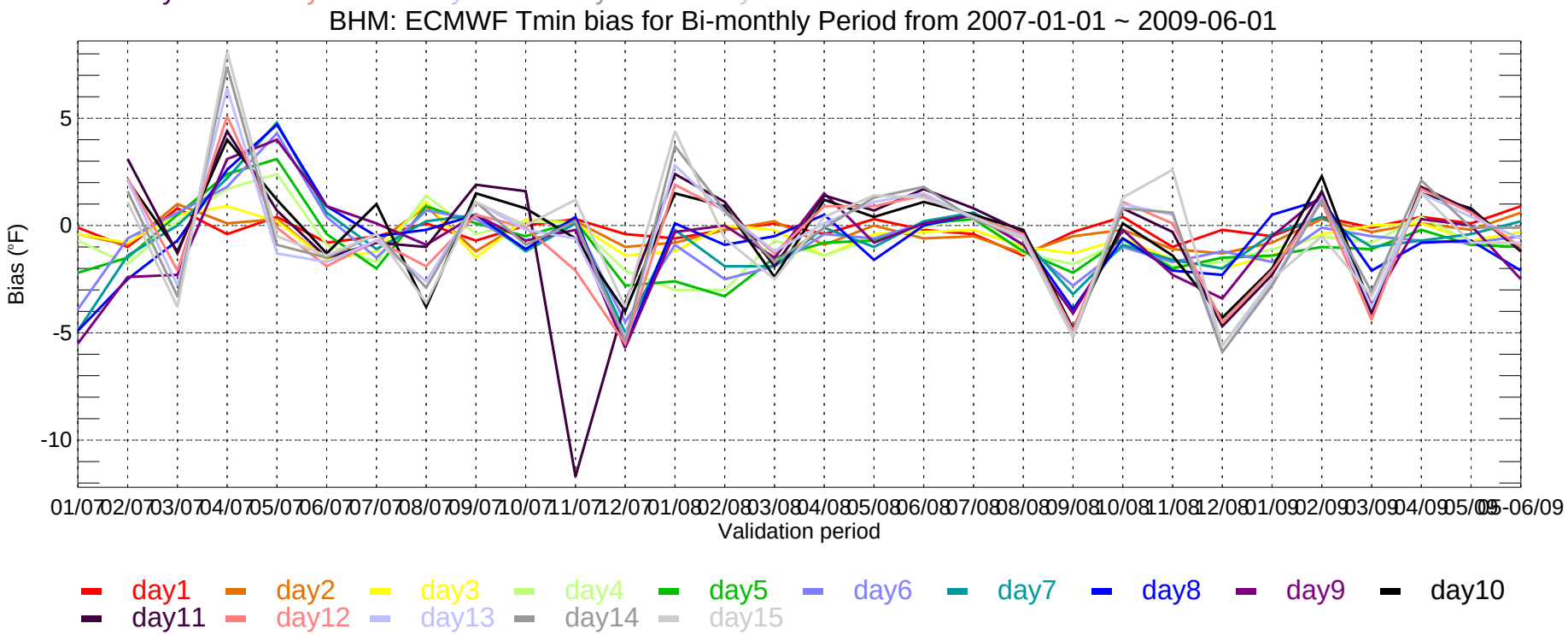

BGM: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

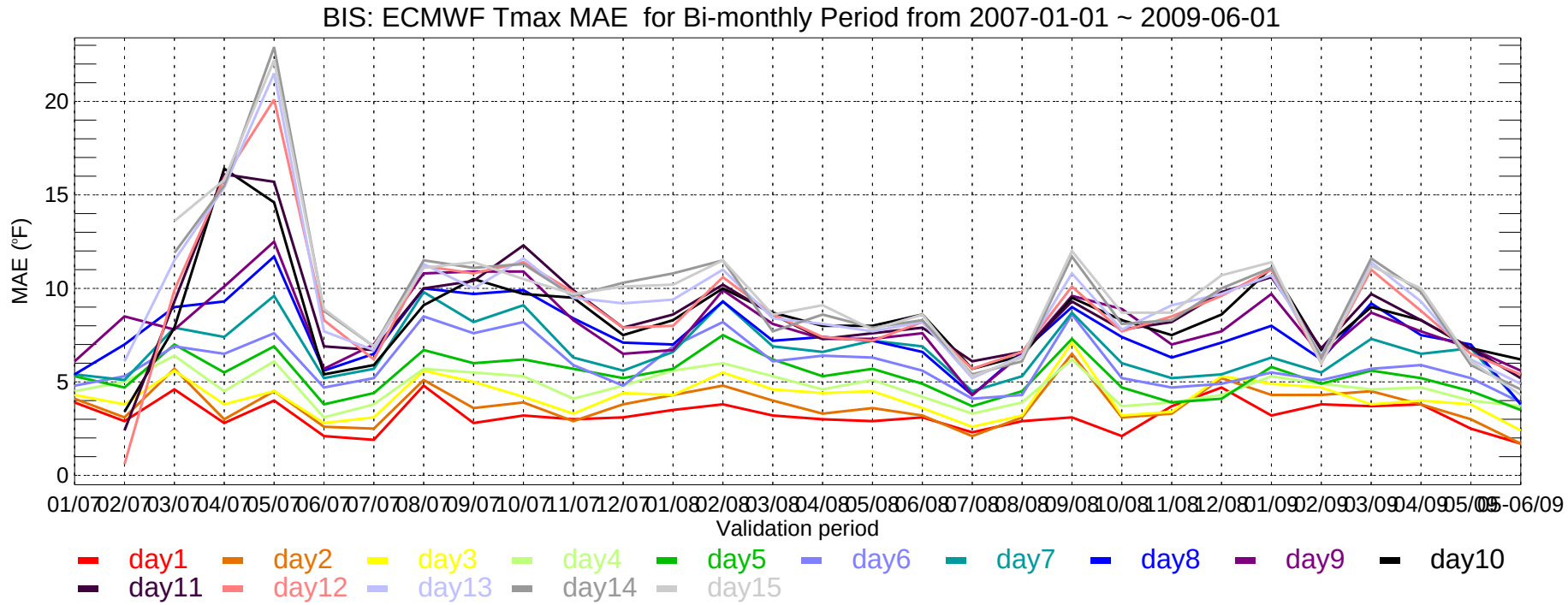

BGM: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

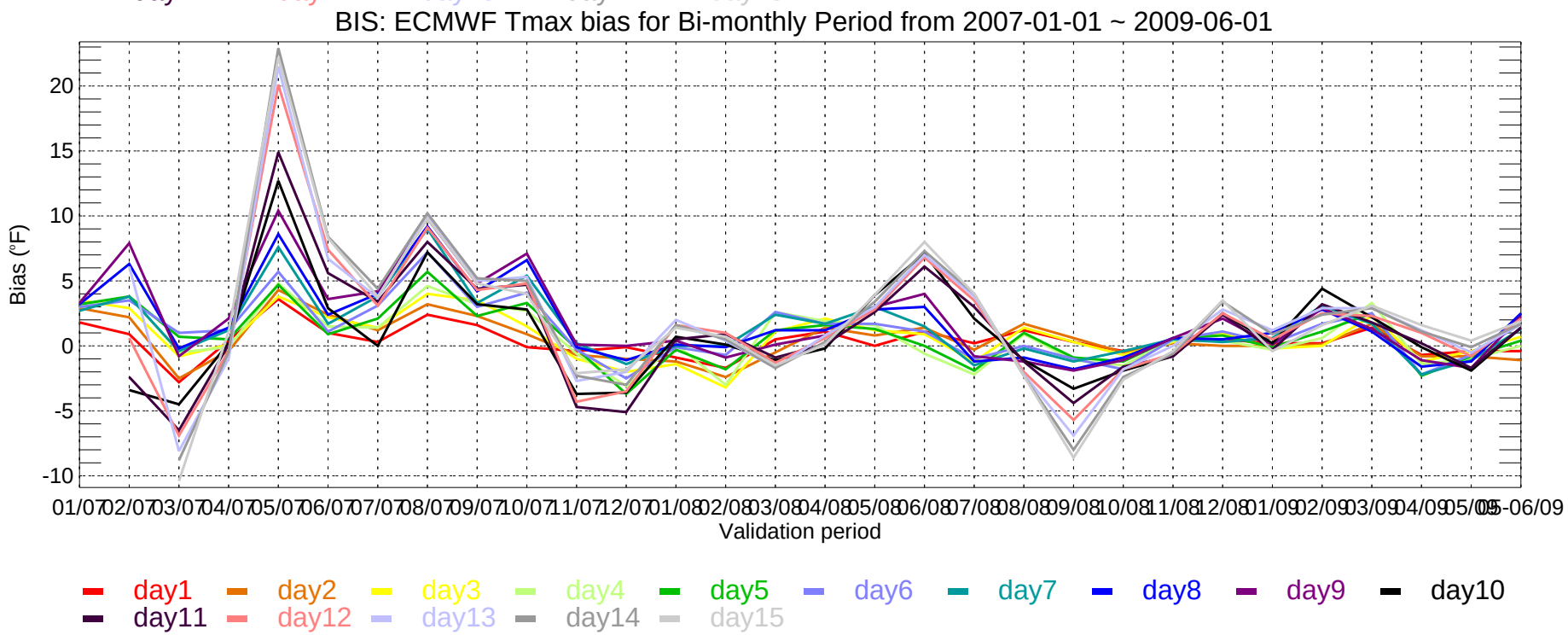

BHM: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

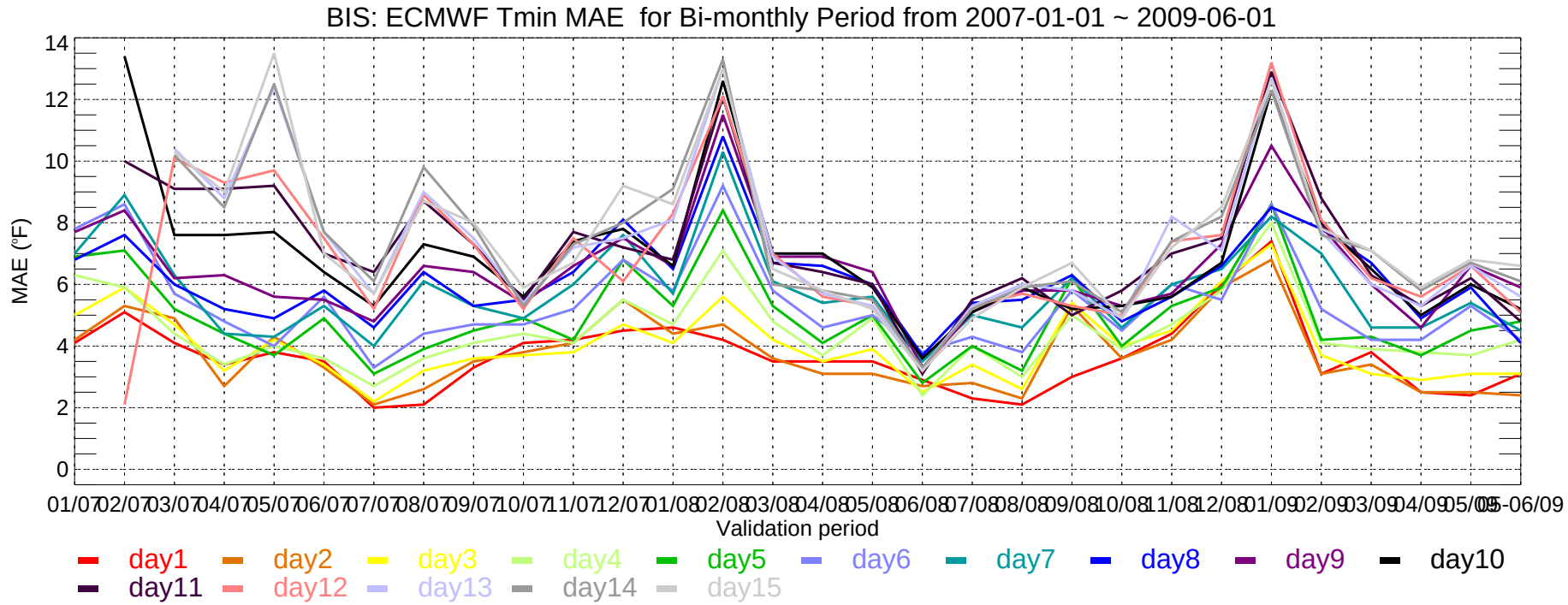

BHM: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

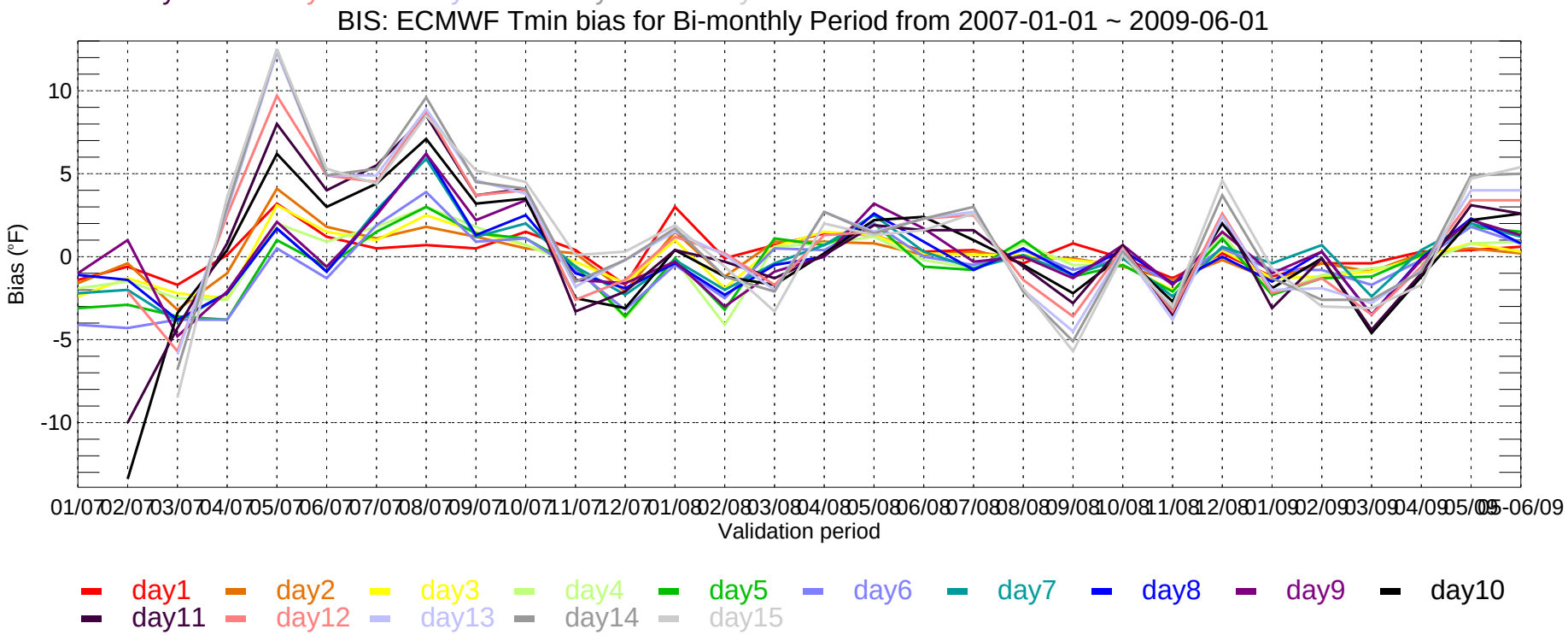

BHM: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

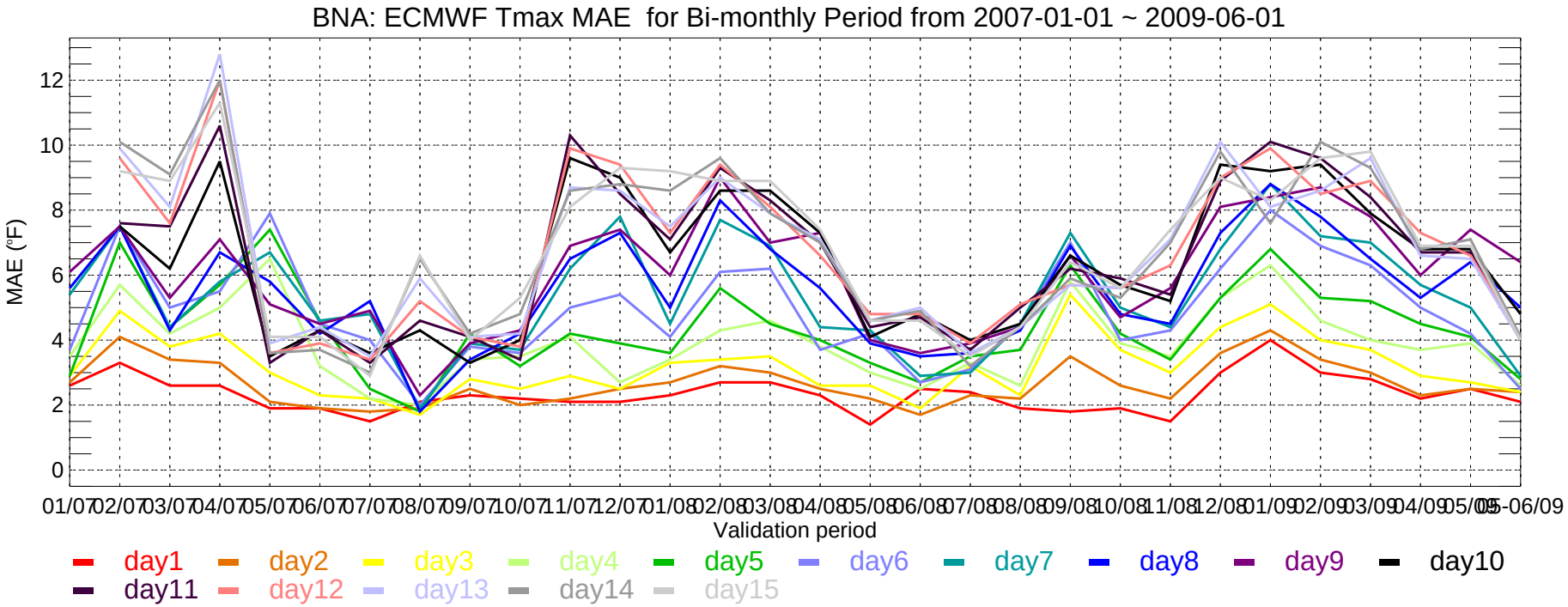

BHM: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

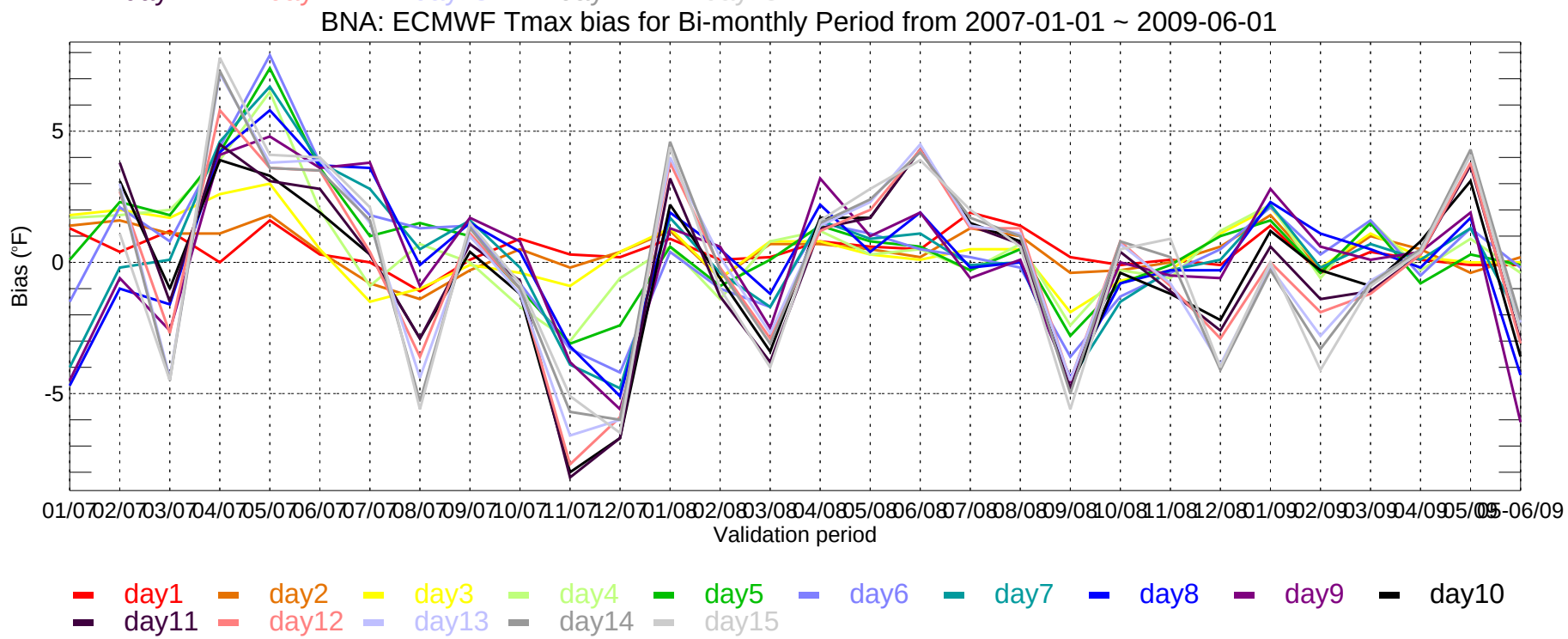

BIS: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

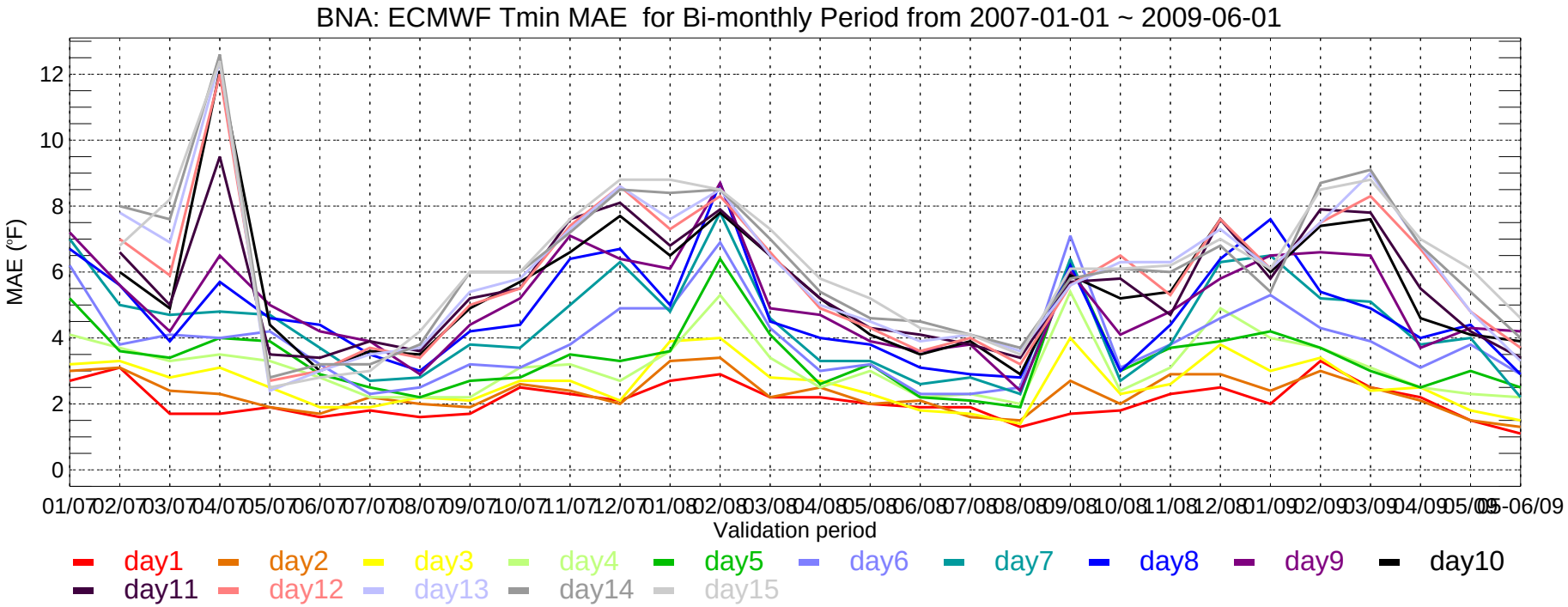

BIS: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

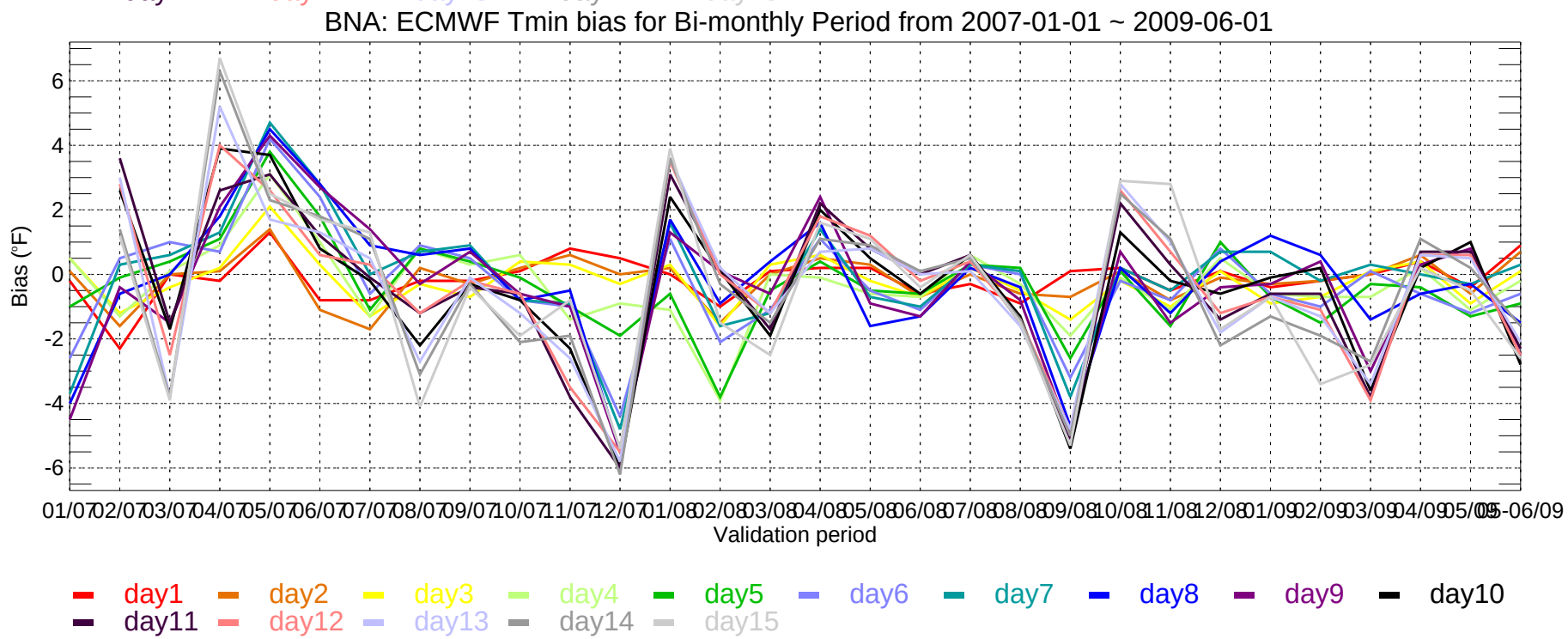

BIS: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

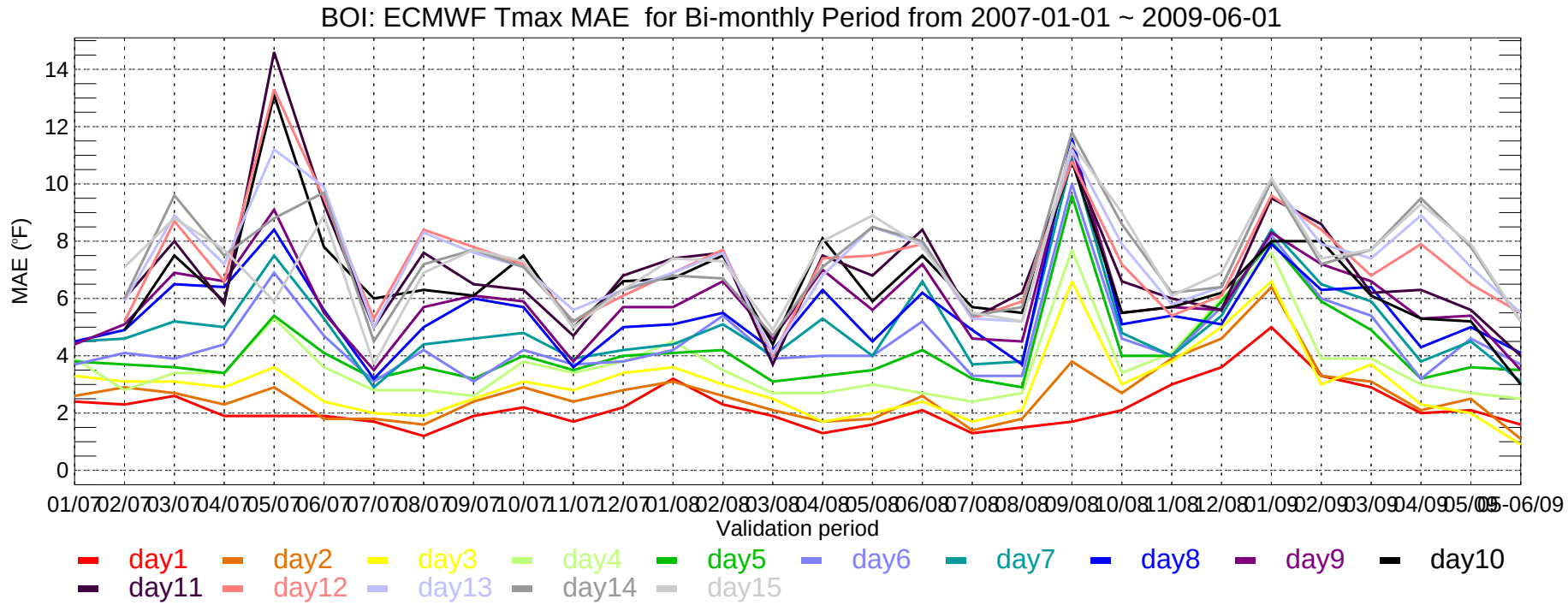

BIS: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

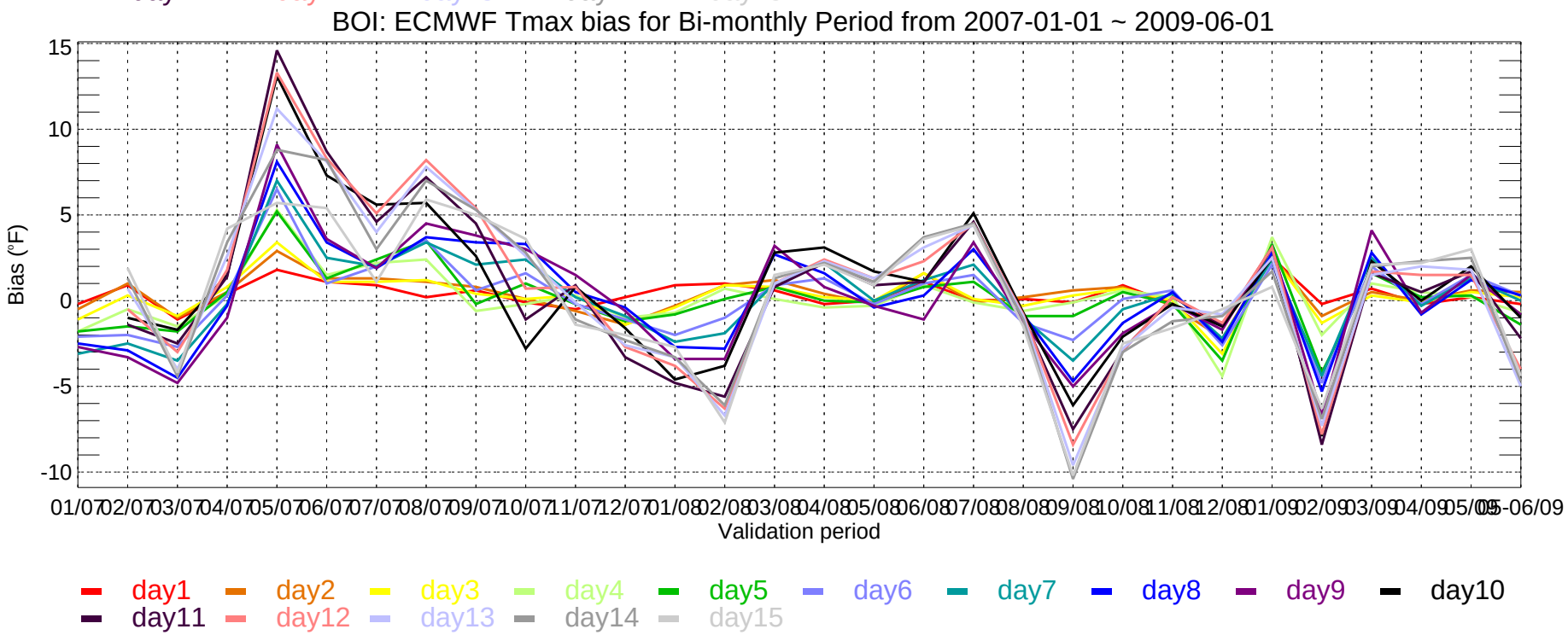

BNA: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

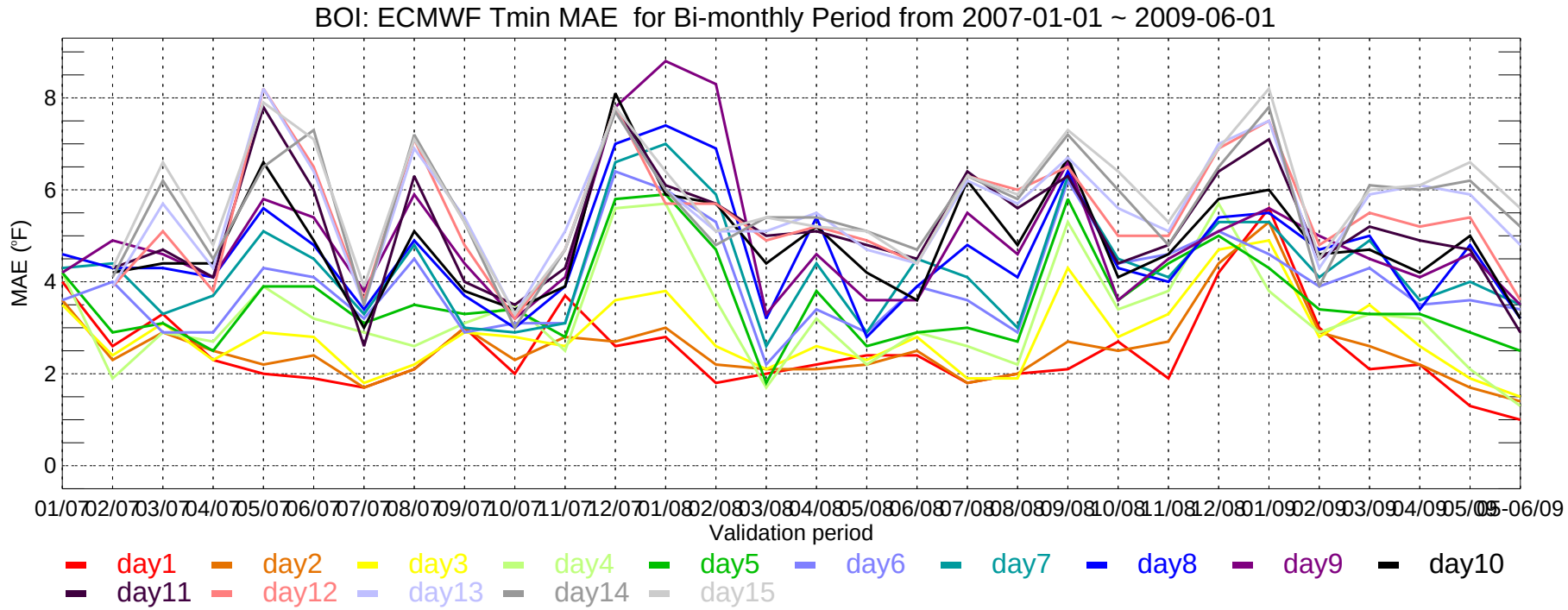

BNA: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

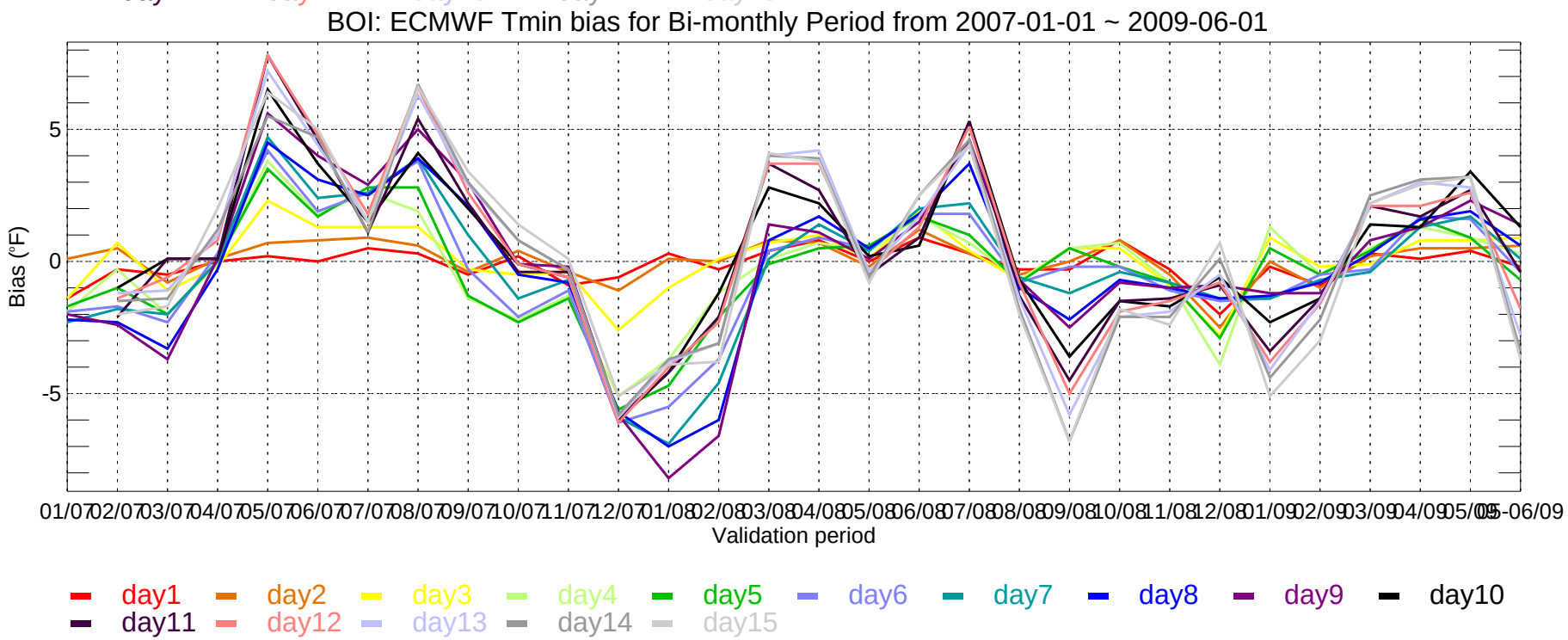

BNA: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

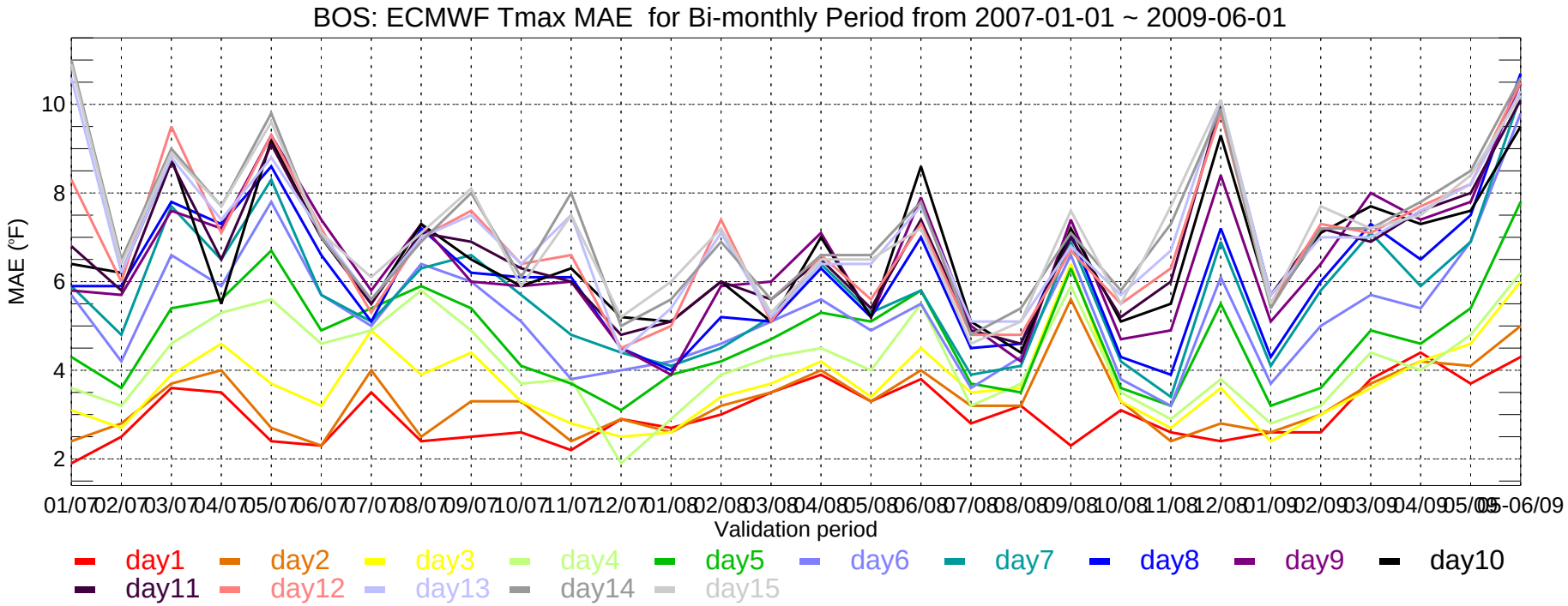

BNA: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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


BOI: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BOI: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BOI: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BOI: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BOS: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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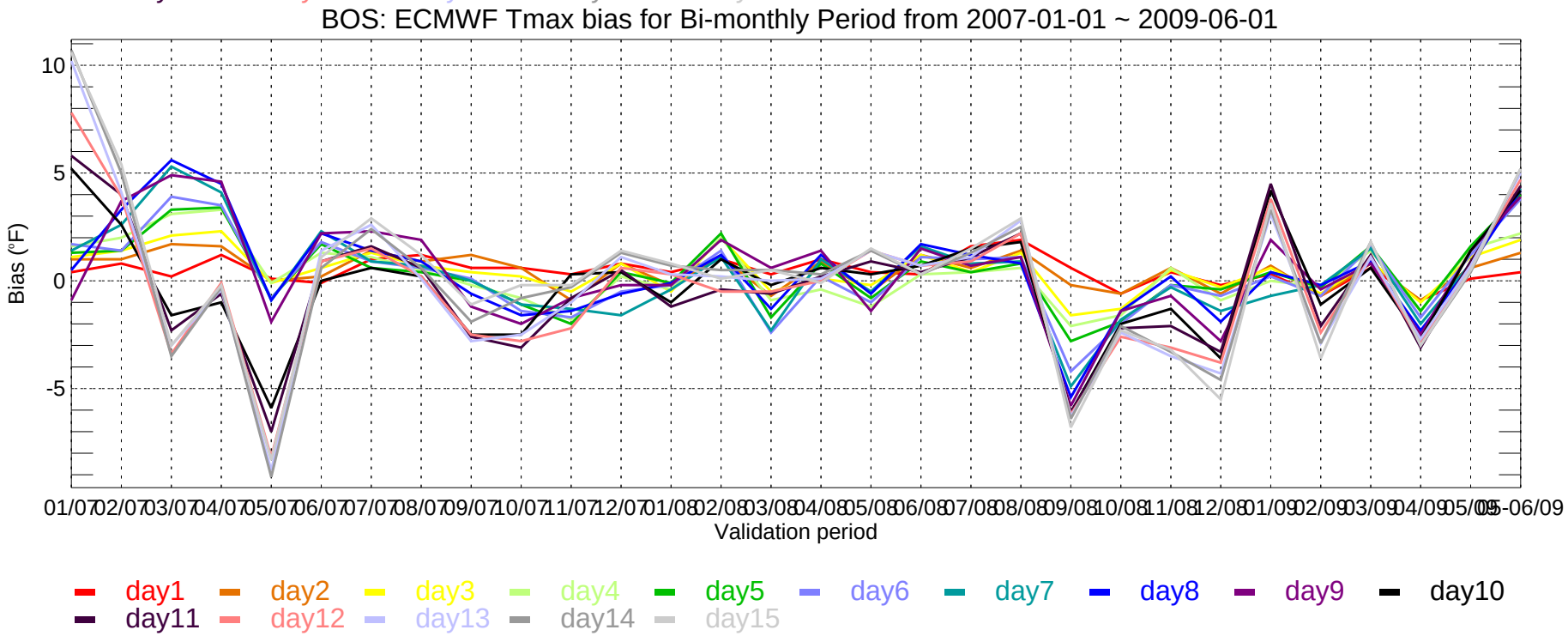
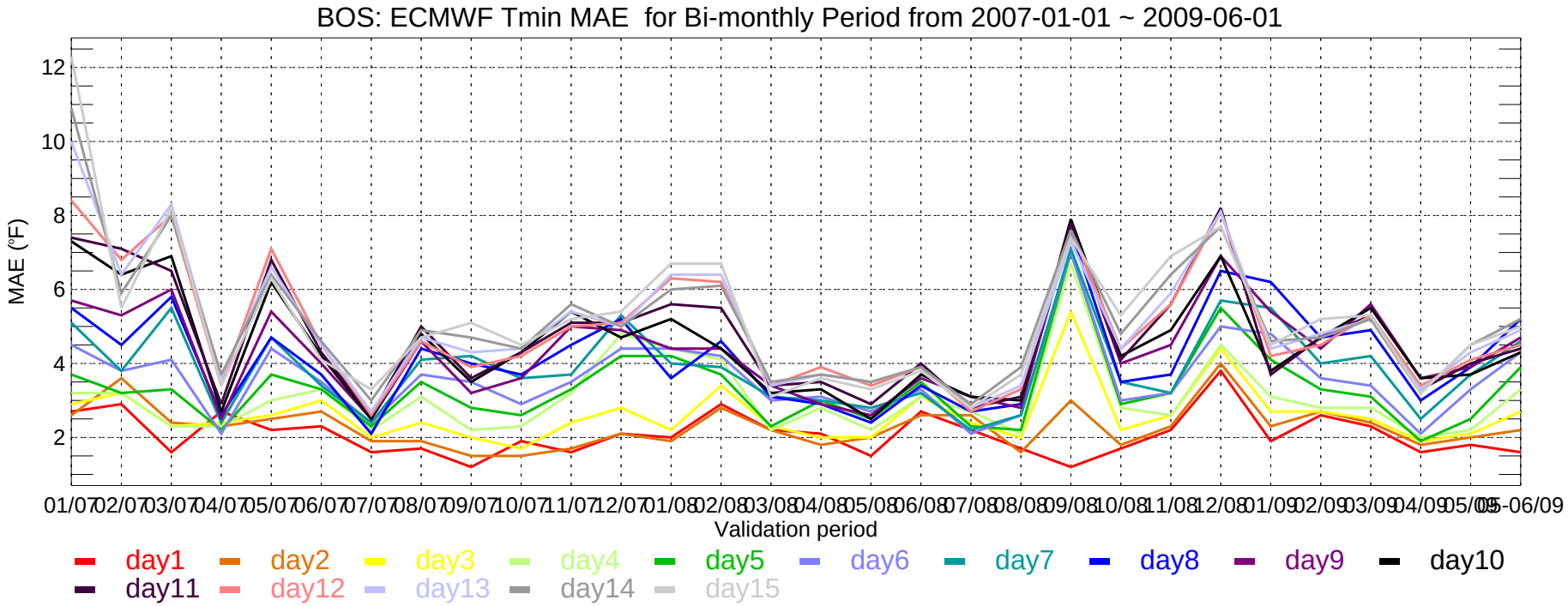
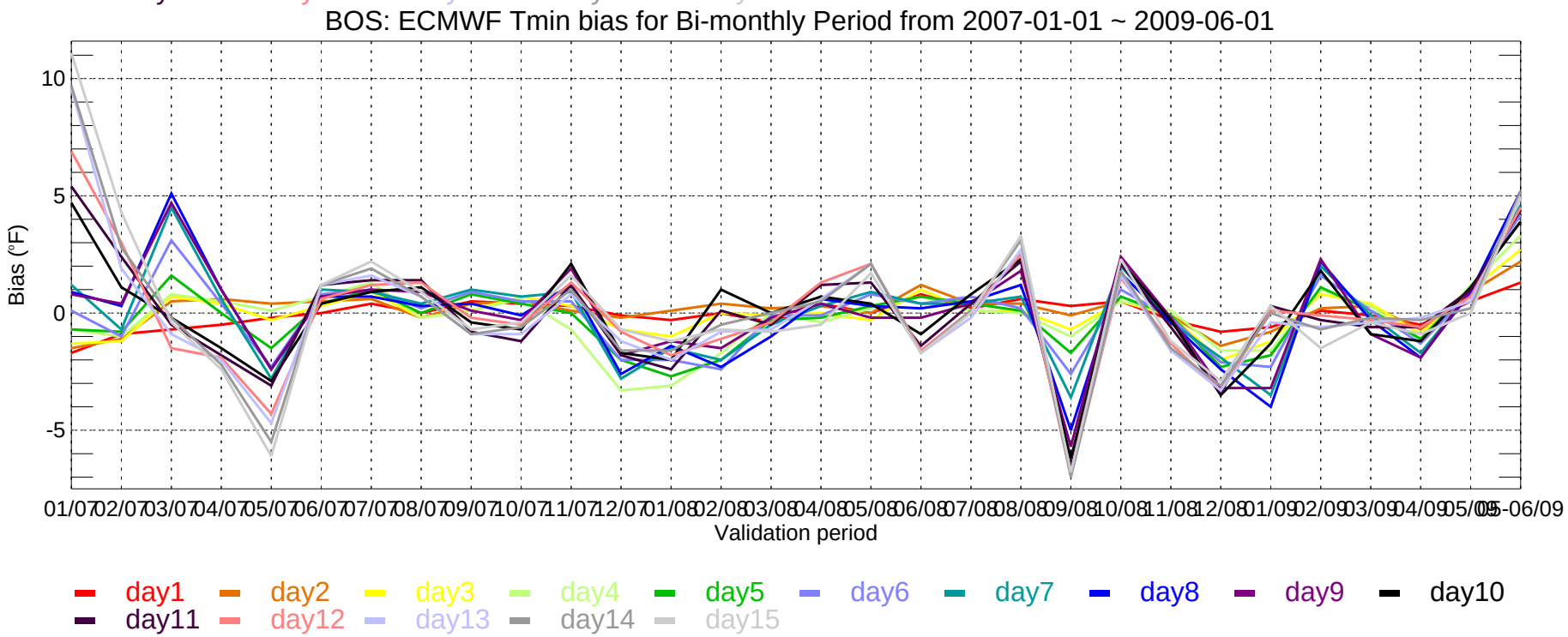
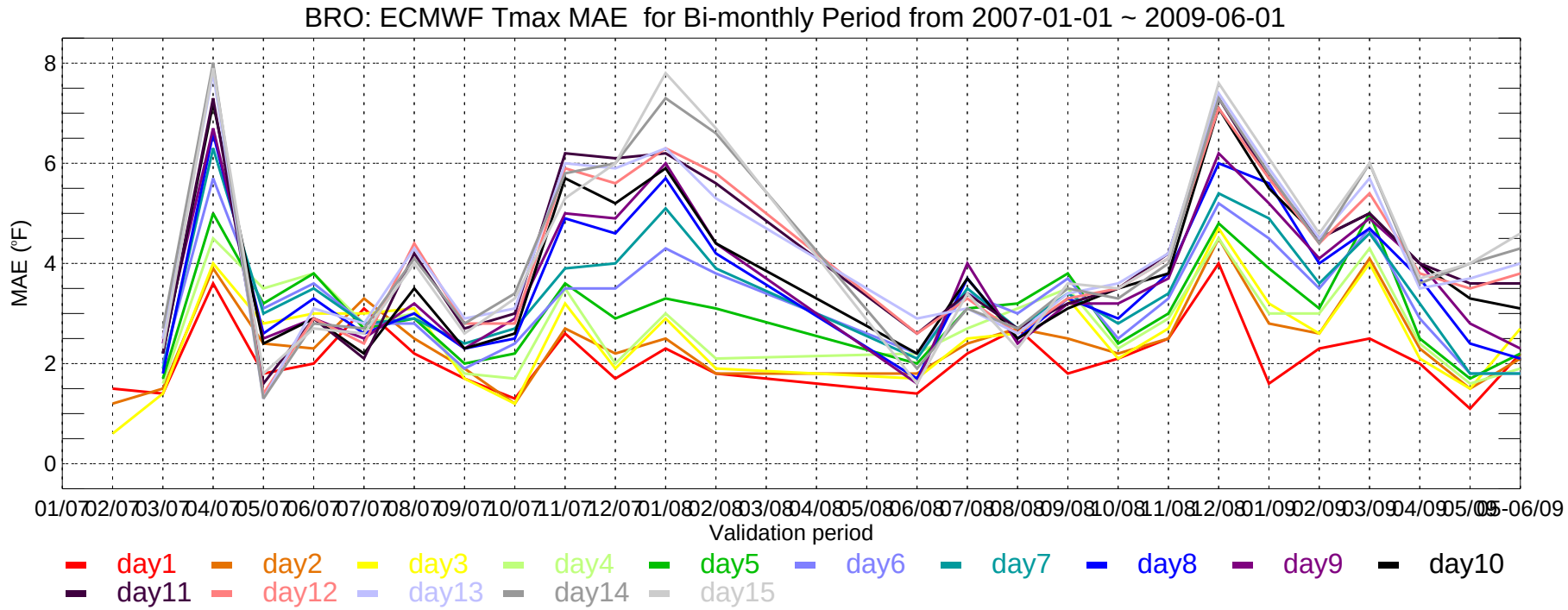
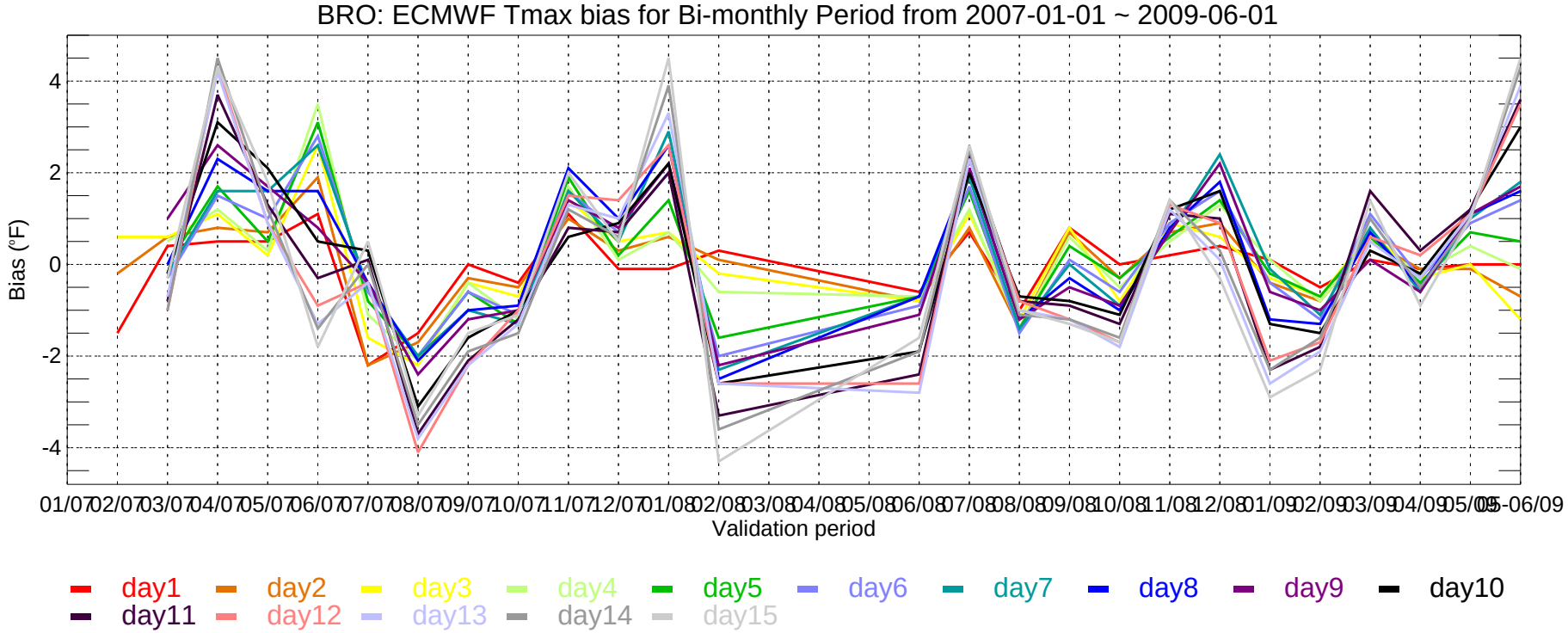
day11 day12 day13 day14 day15

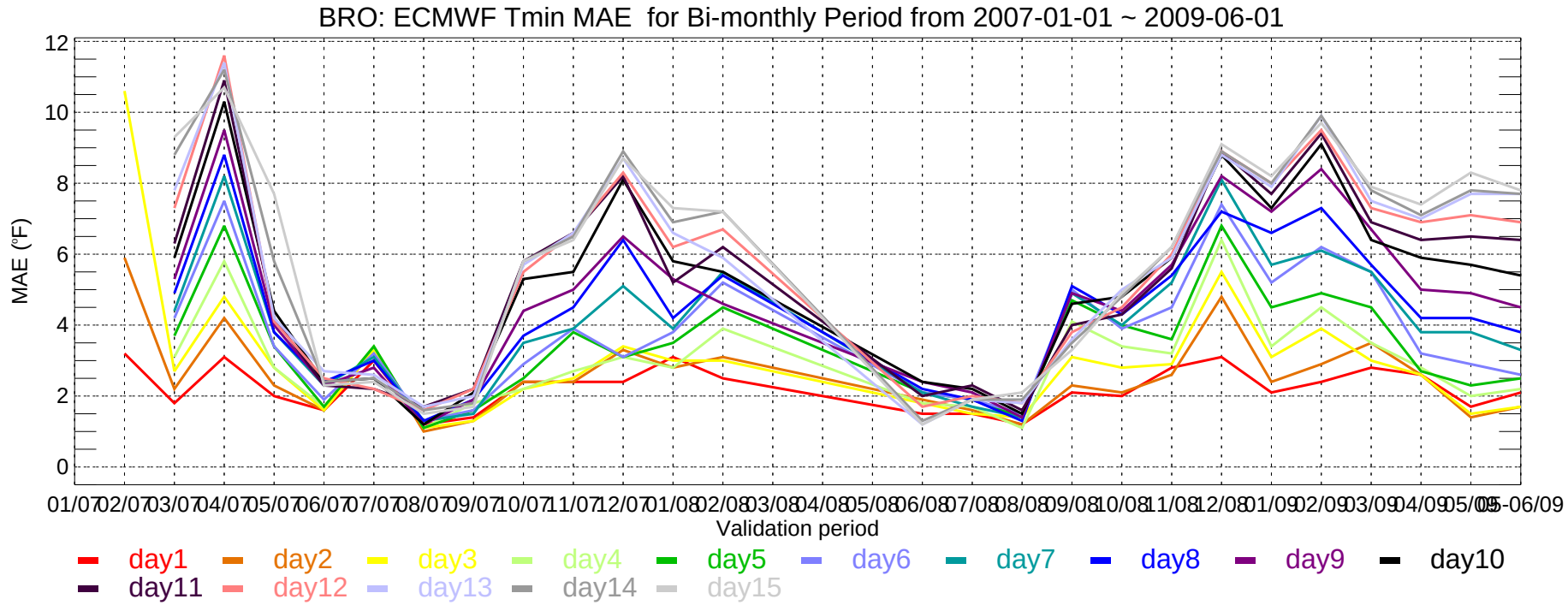

BOS: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

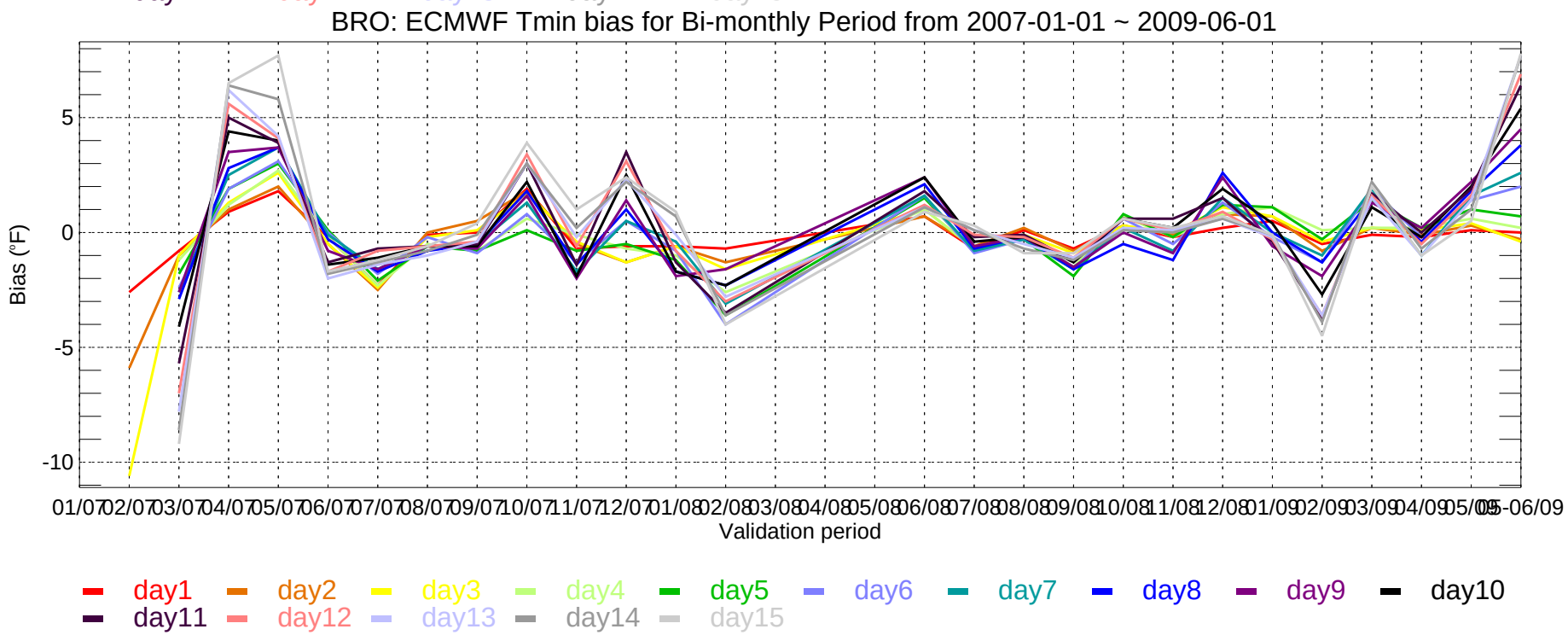

BOS: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

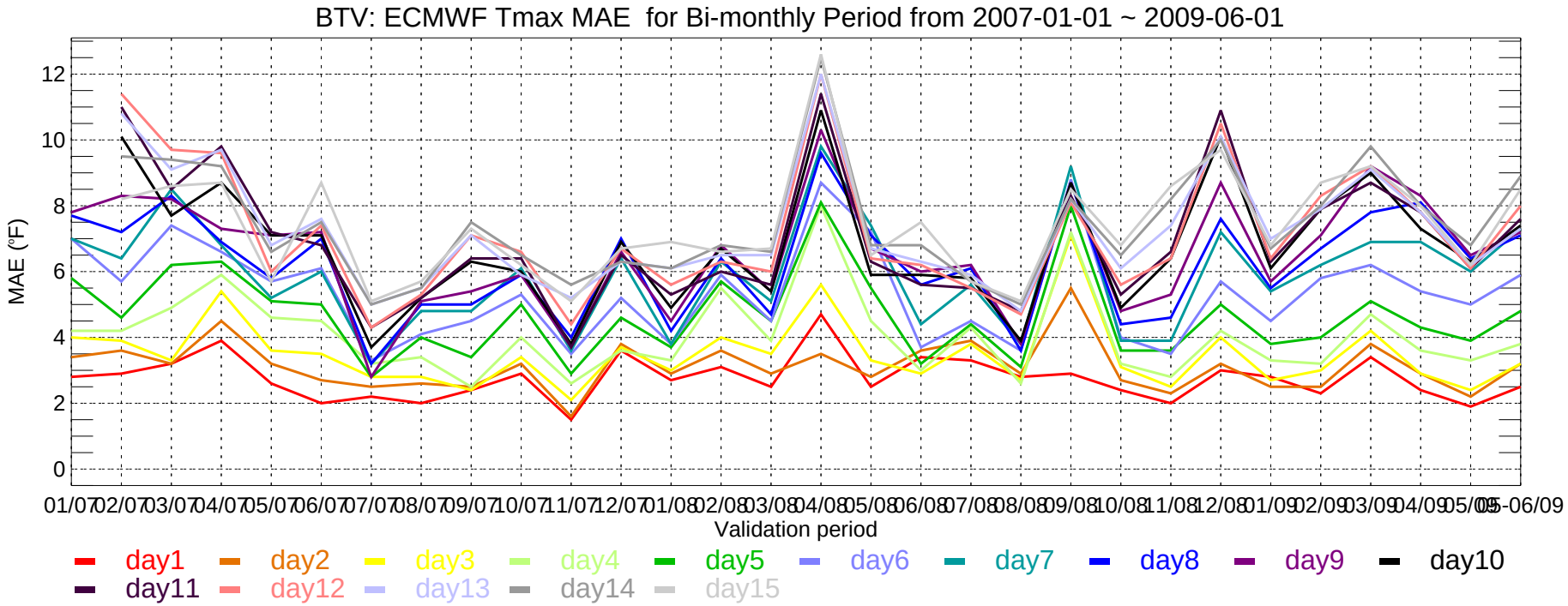

BOS: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

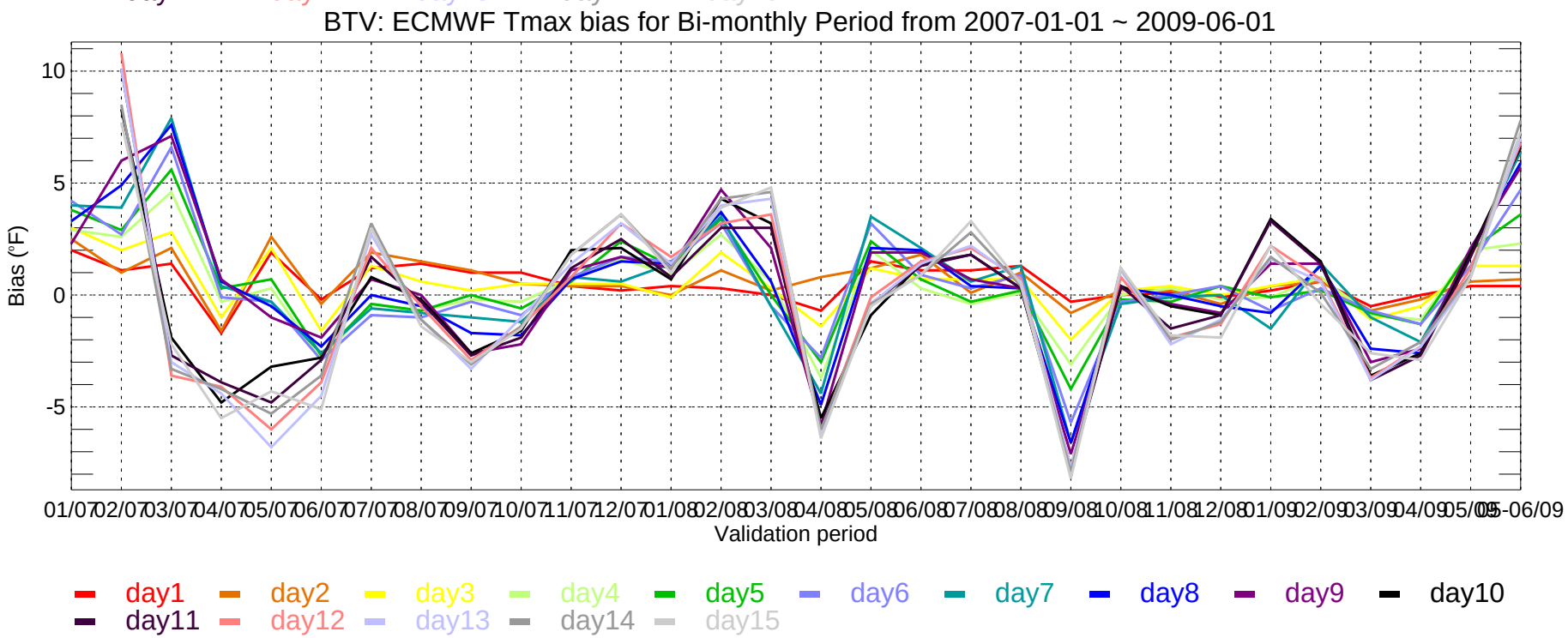

BRO: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

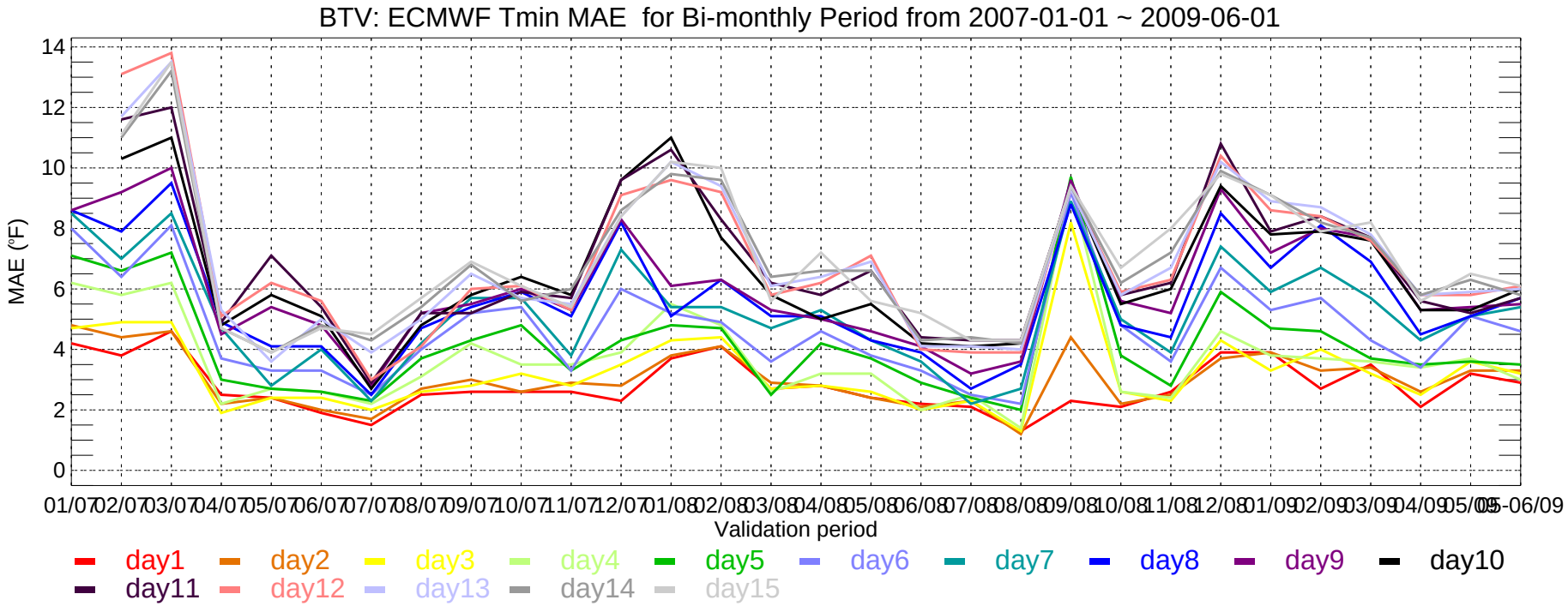

BRO: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

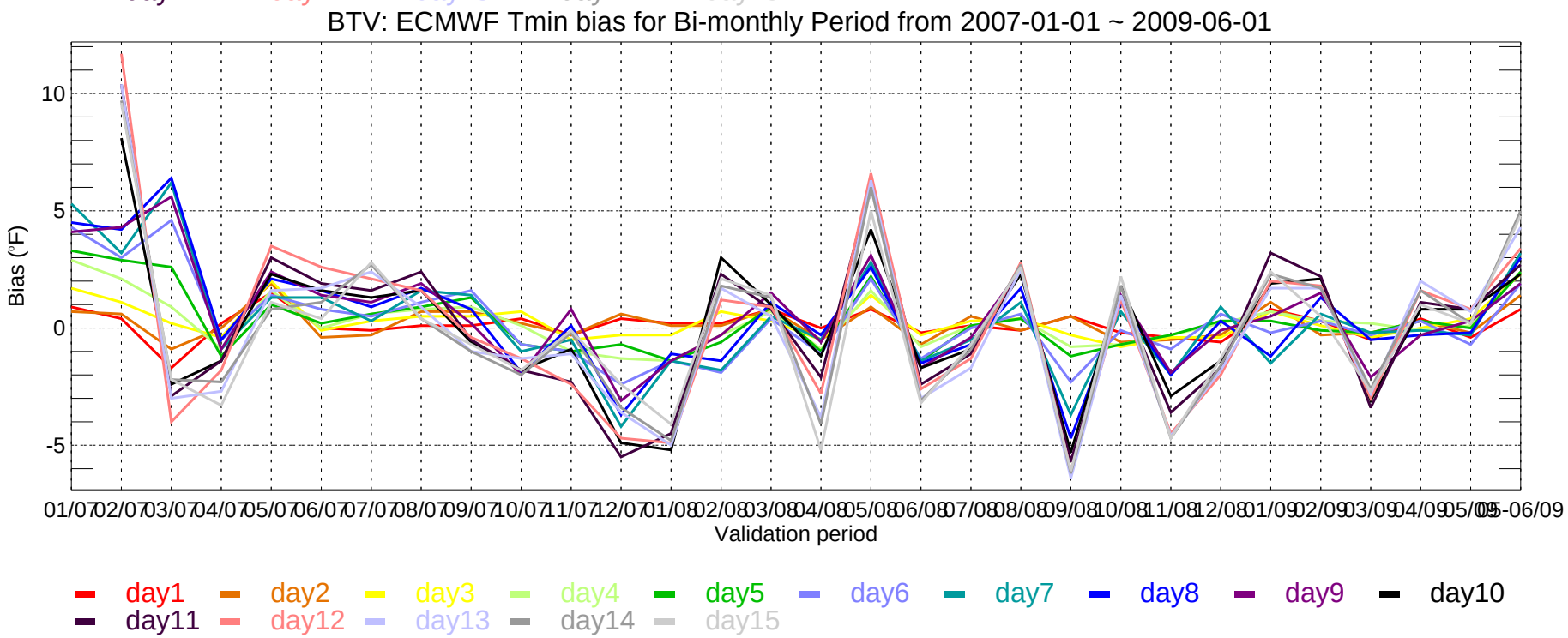

BRO: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

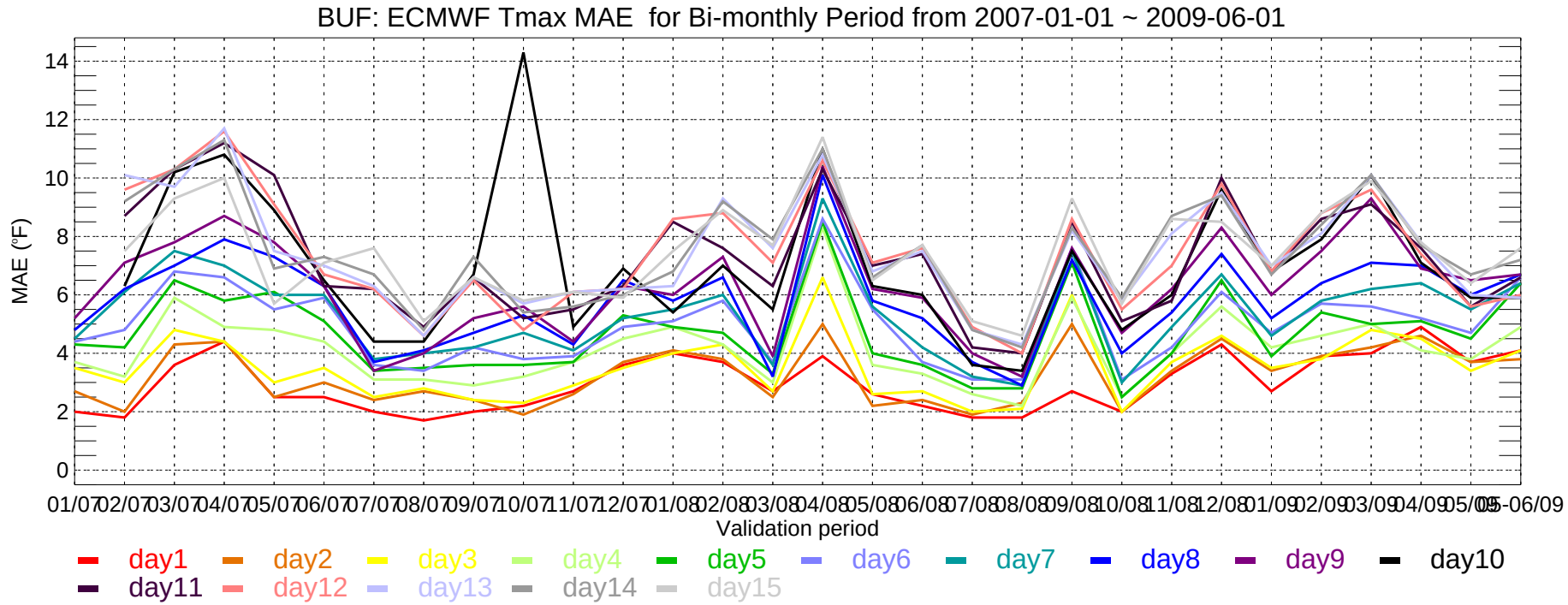

BRO: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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


BTV: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BTV: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BTV: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


BTV: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


BUF: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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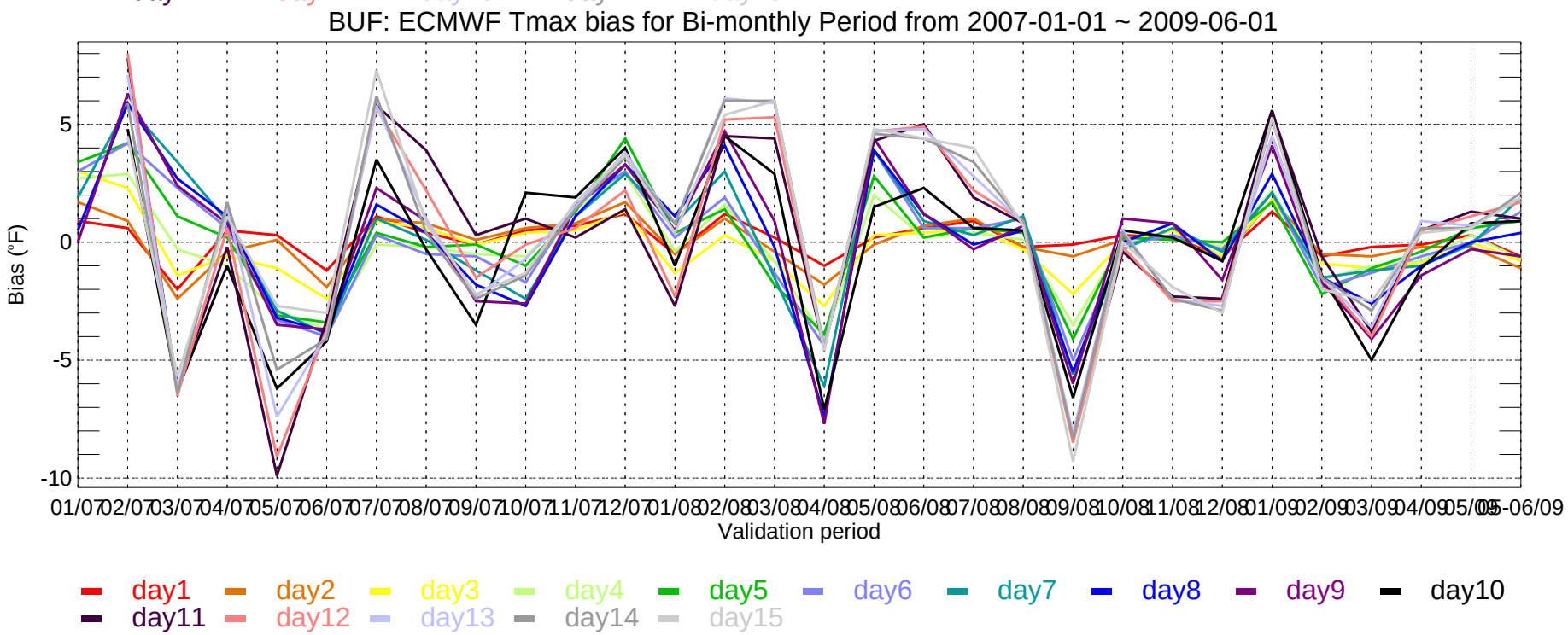
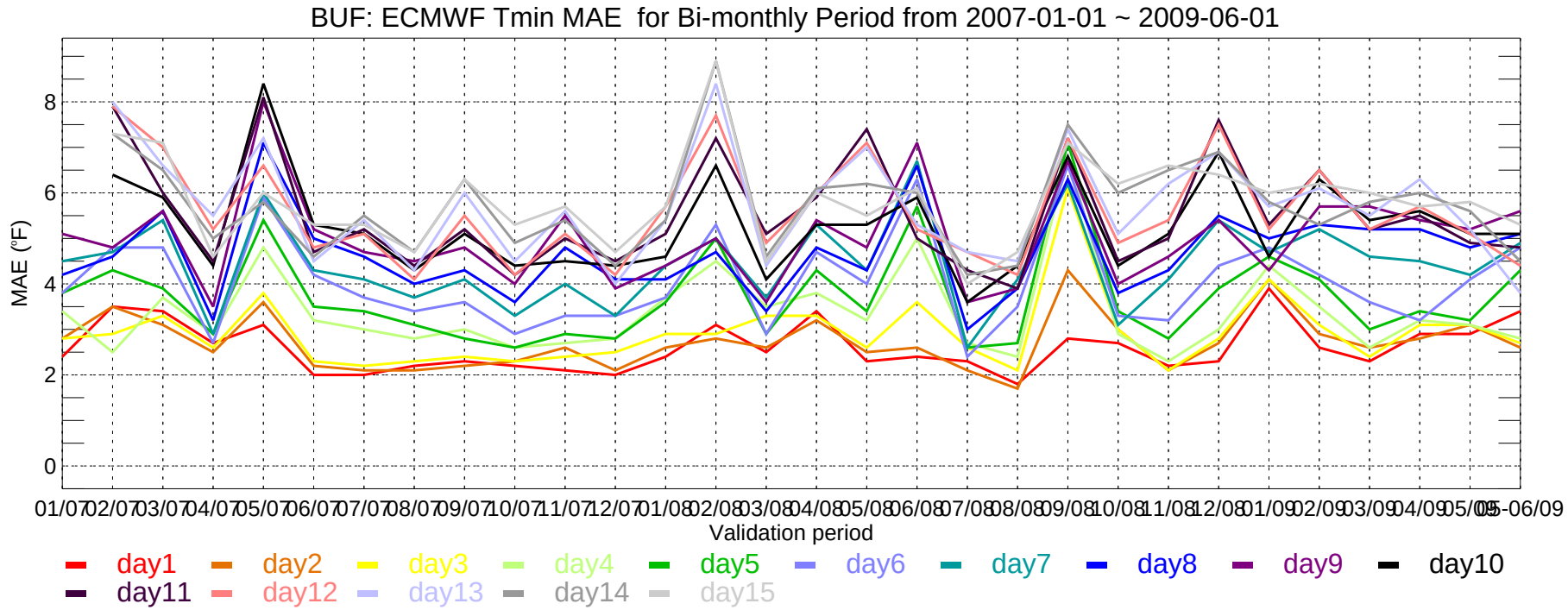
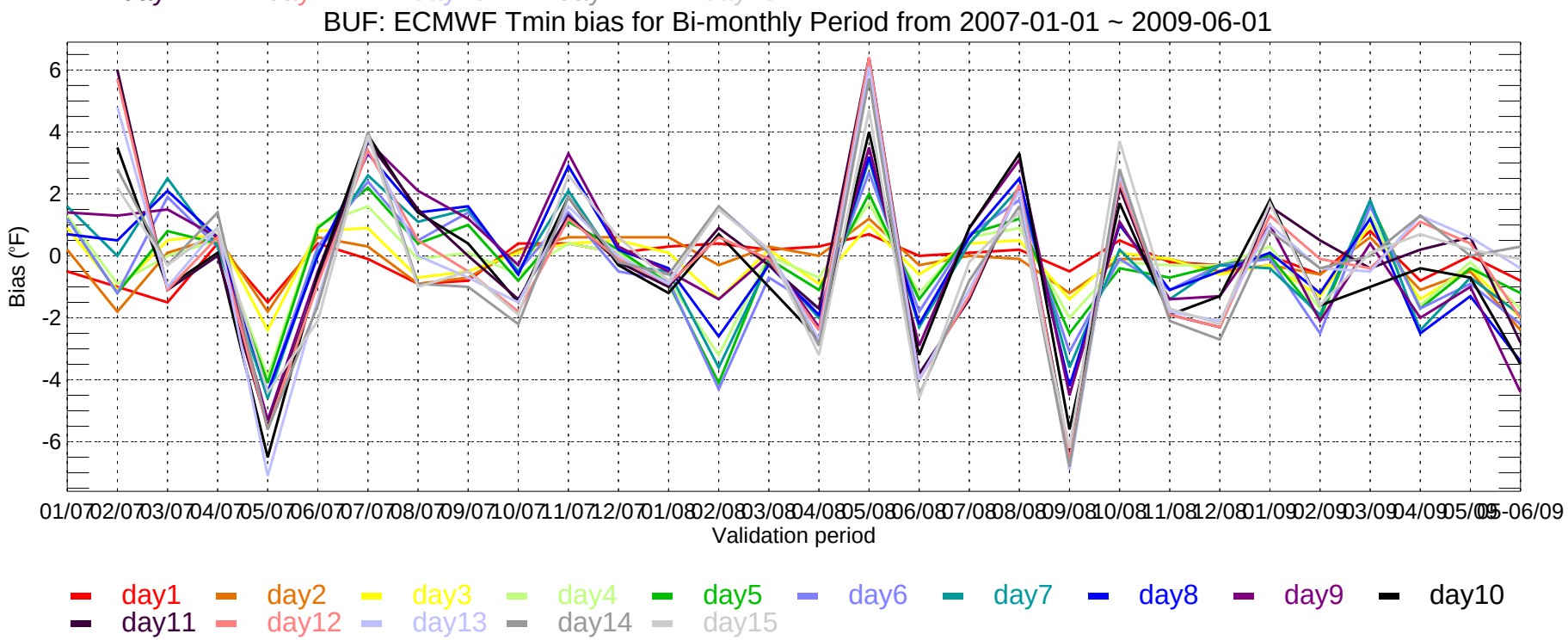
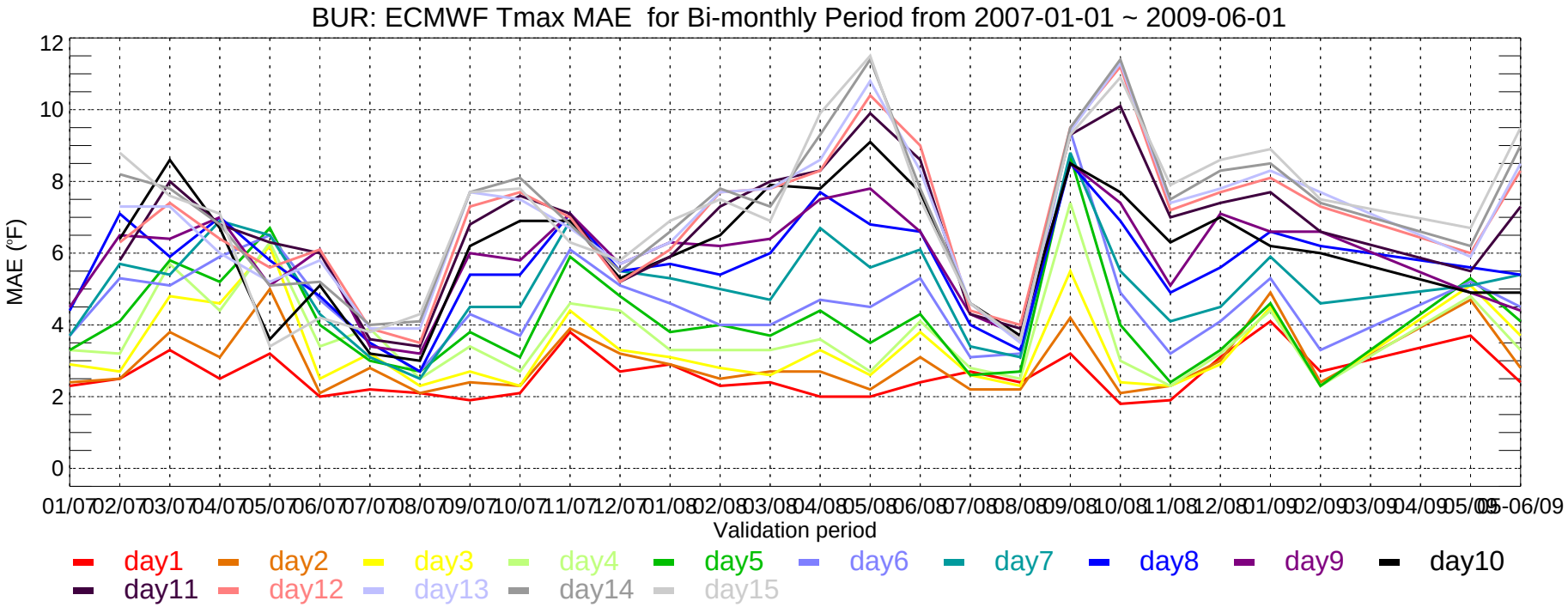
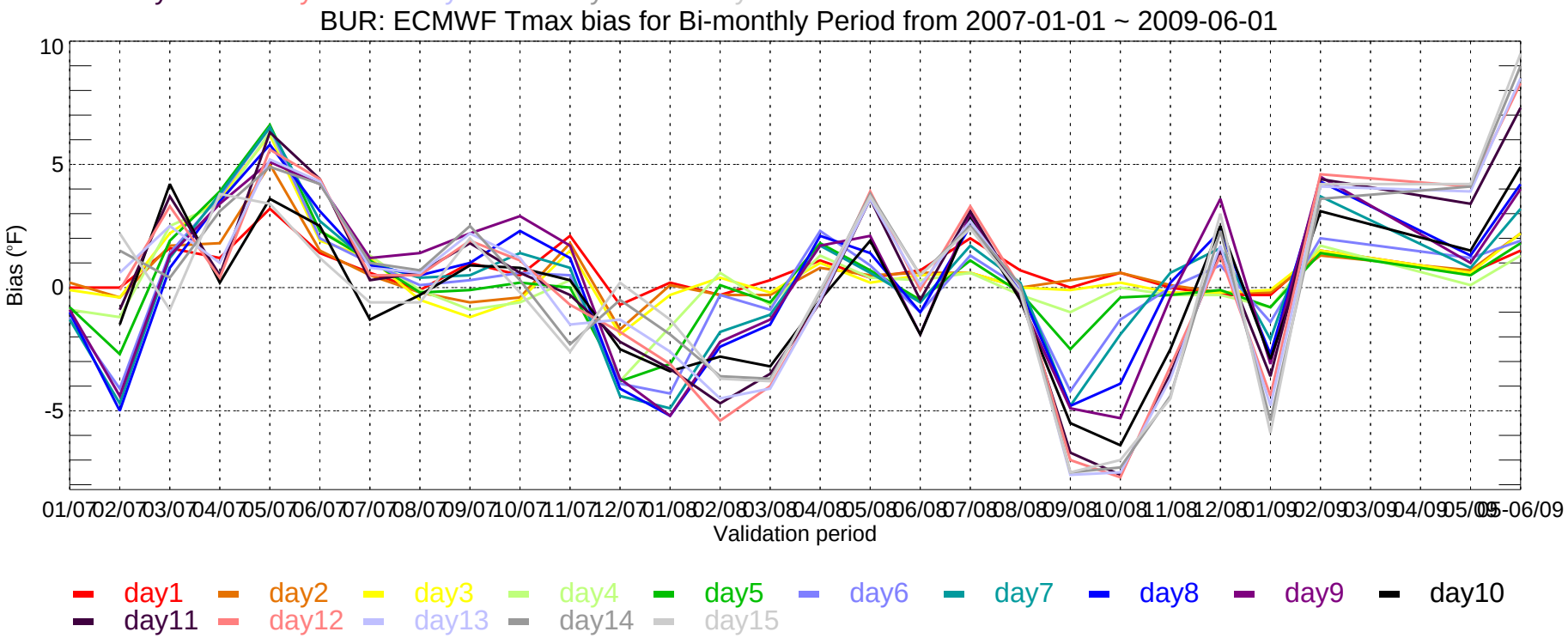
day11 day12 day13 day14 day15

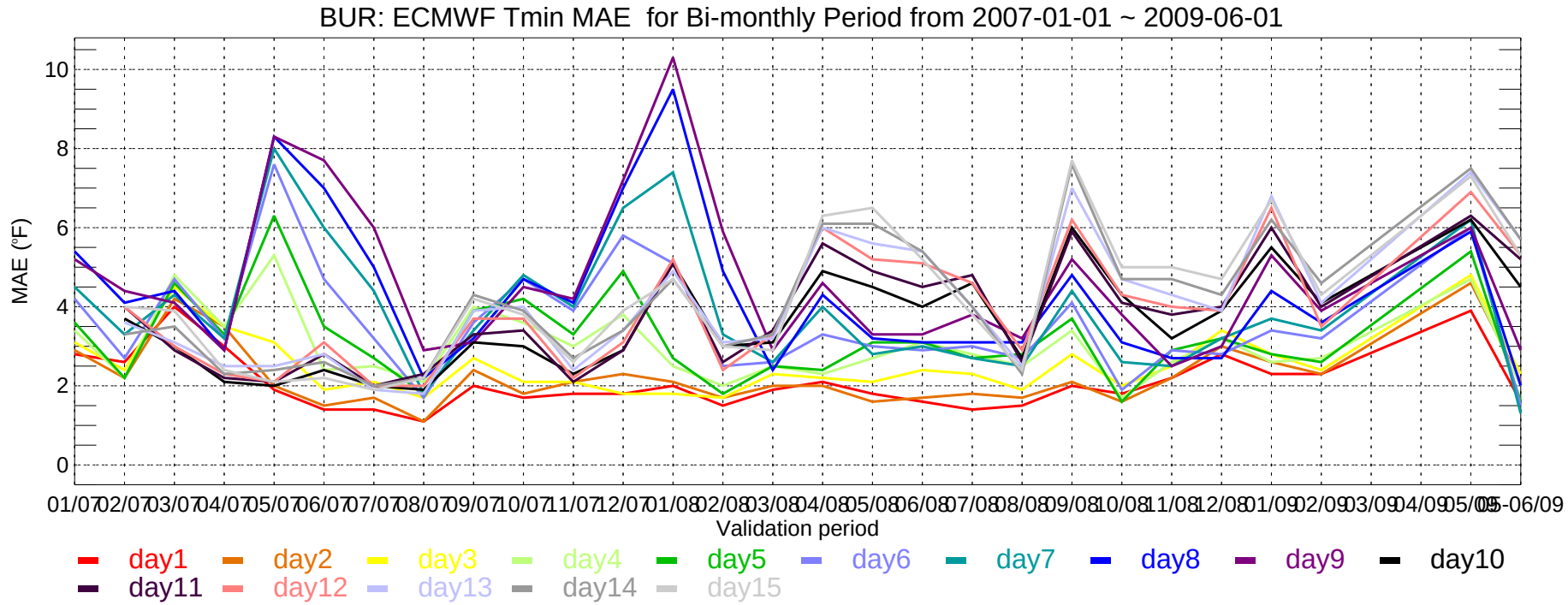

BUF: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

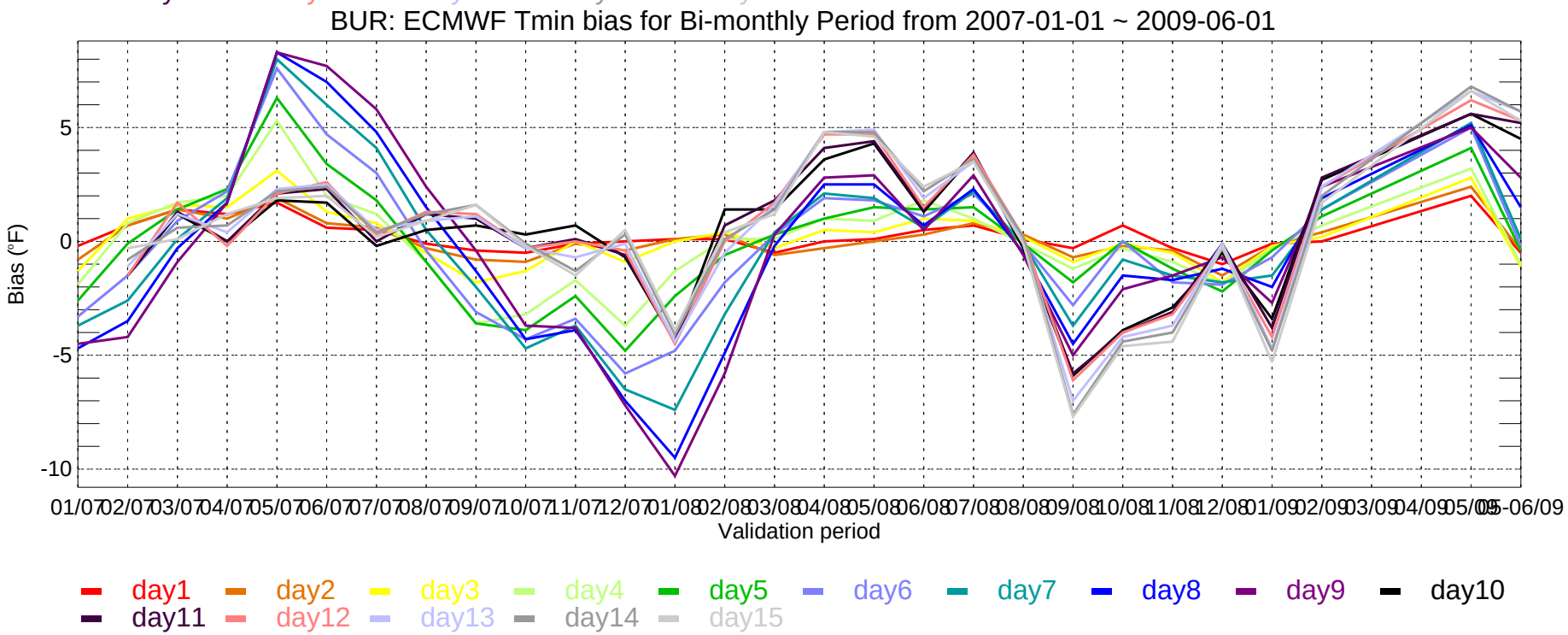

BUF: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

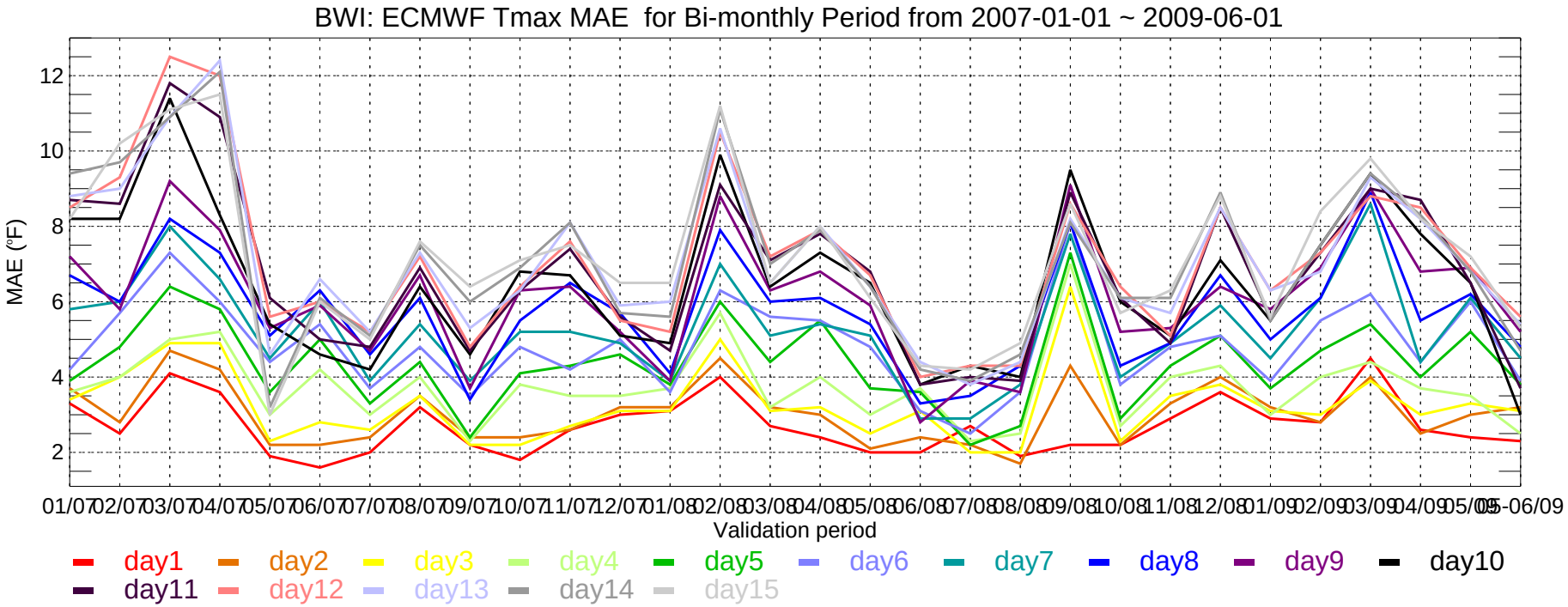

BUF: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

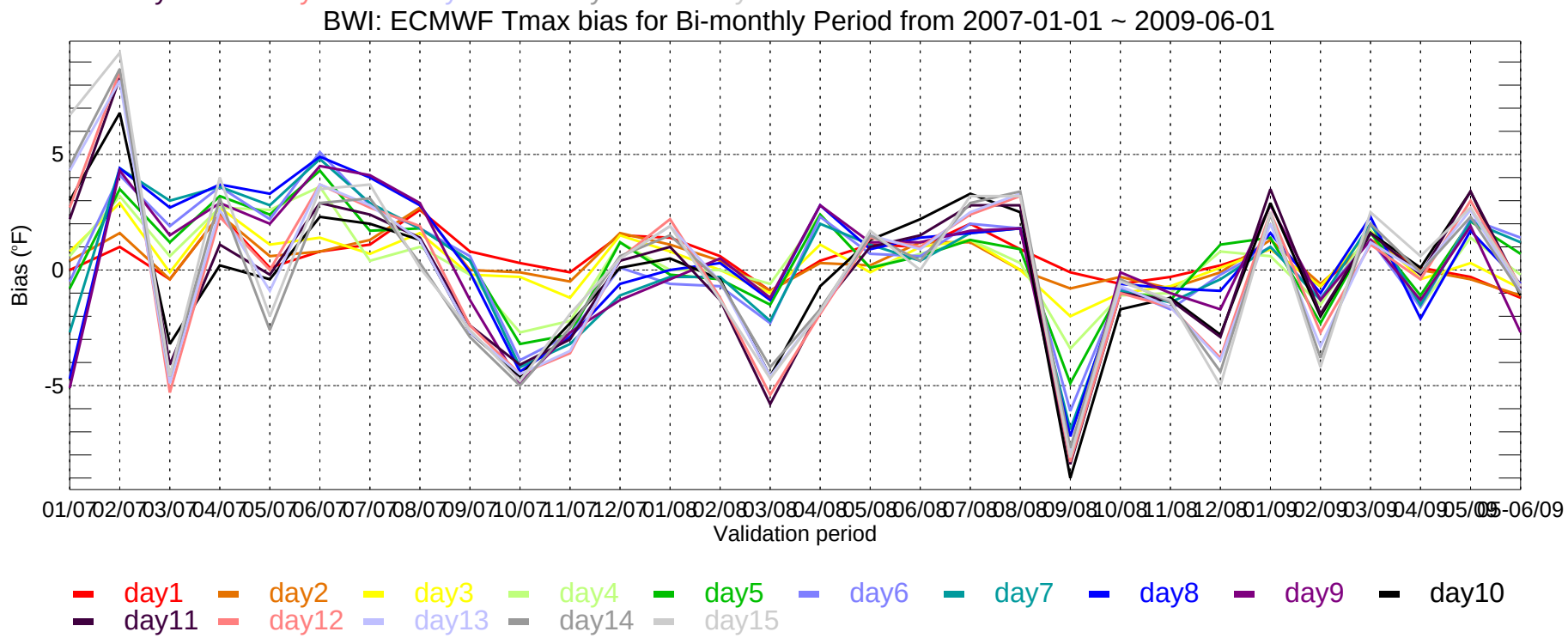

BUR: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

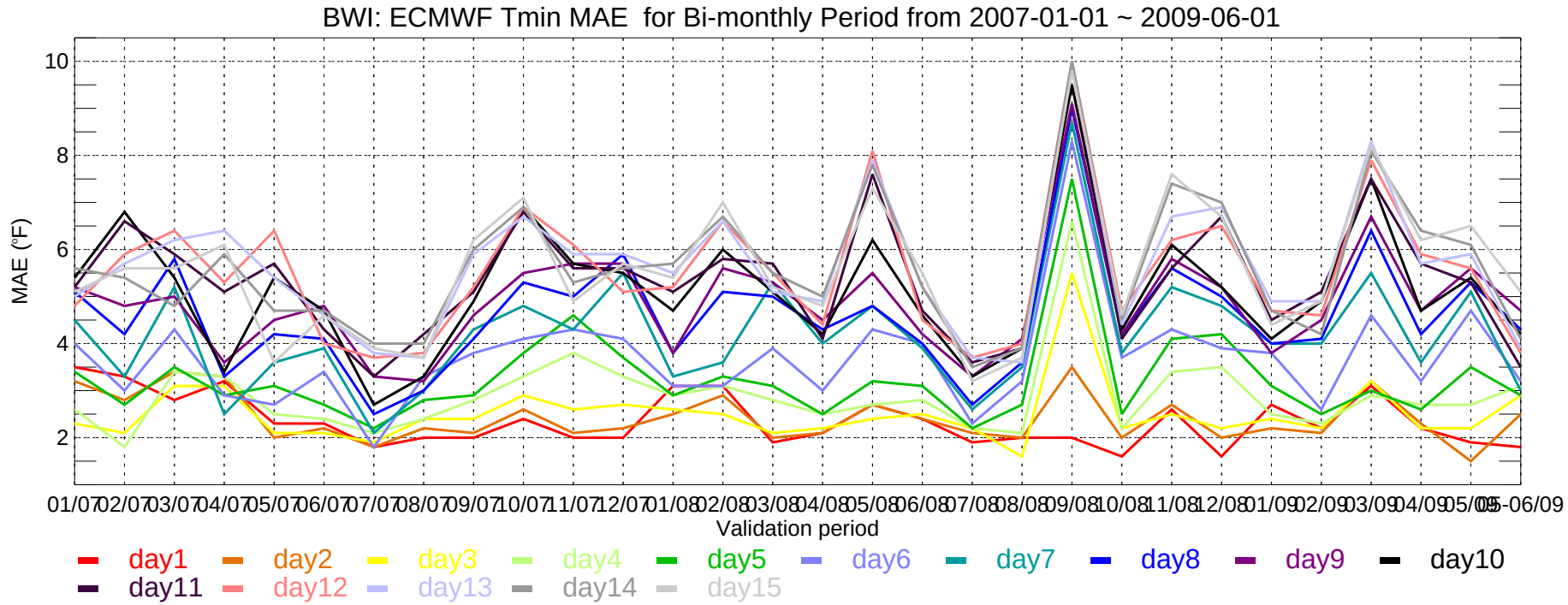

BUR: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

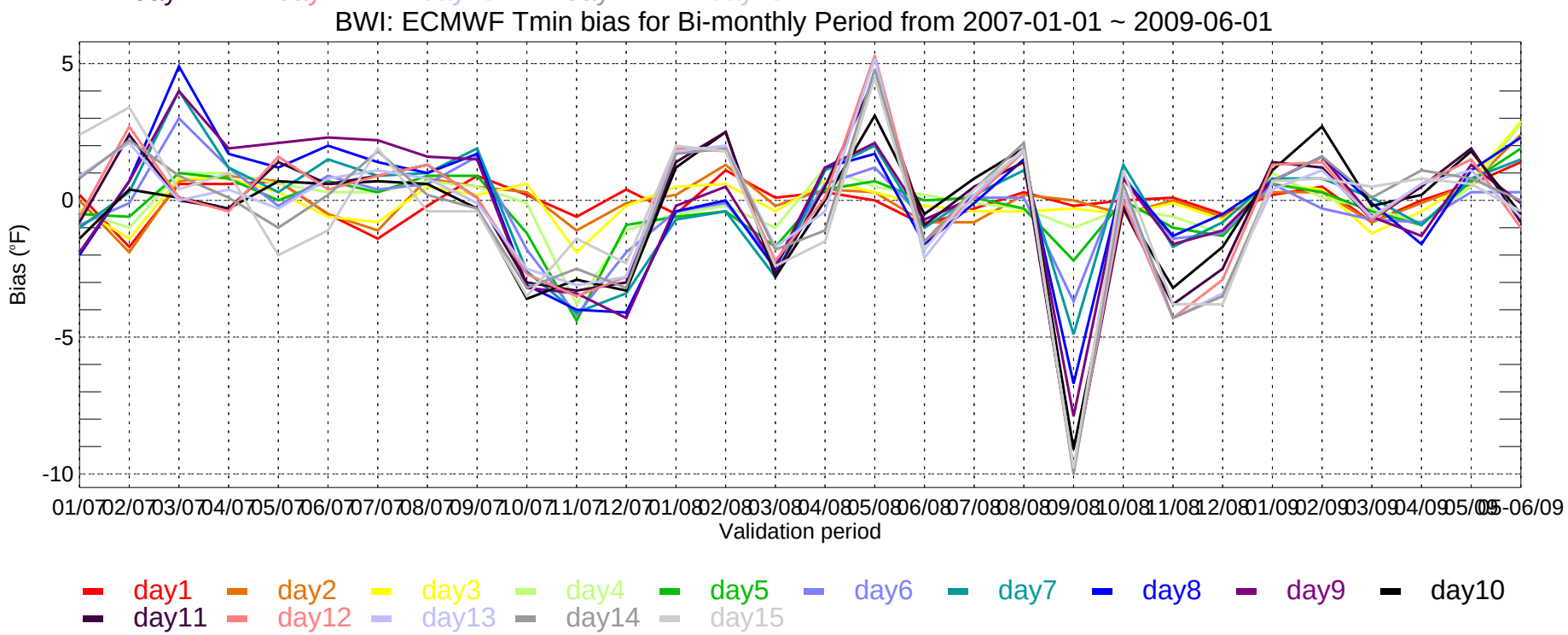

BUR: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

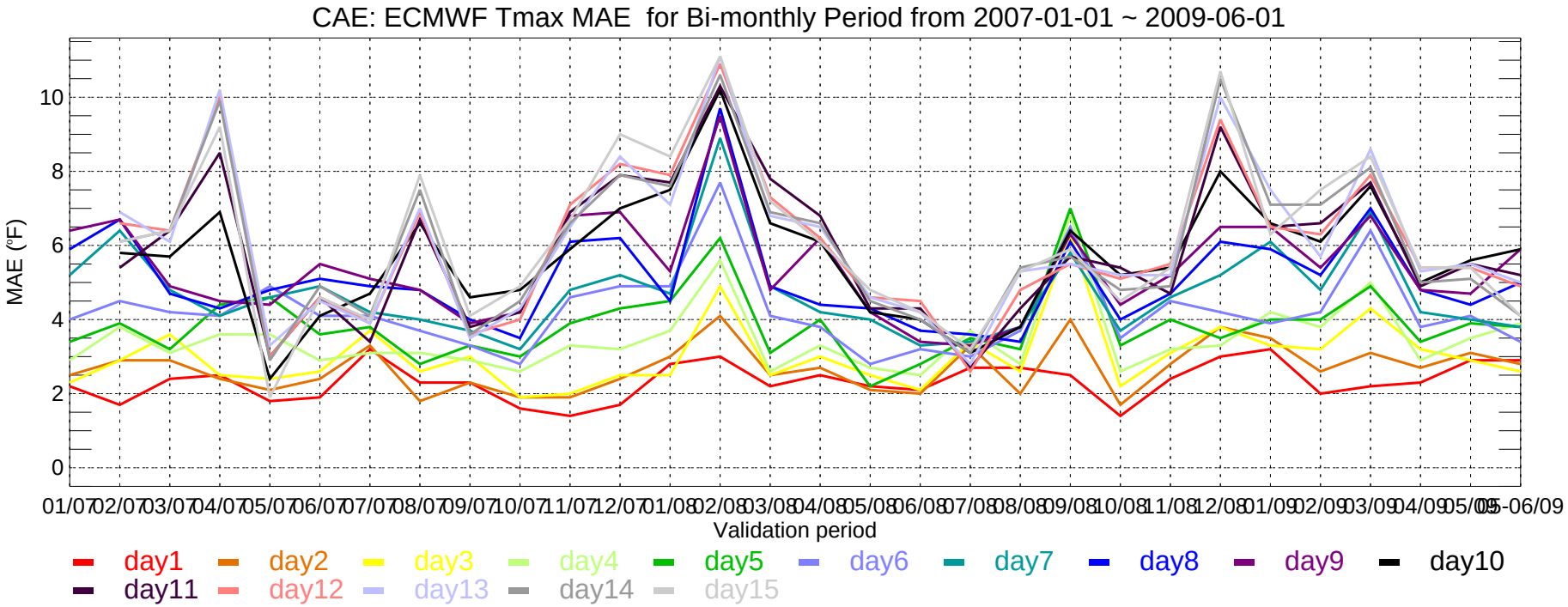

BUR: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

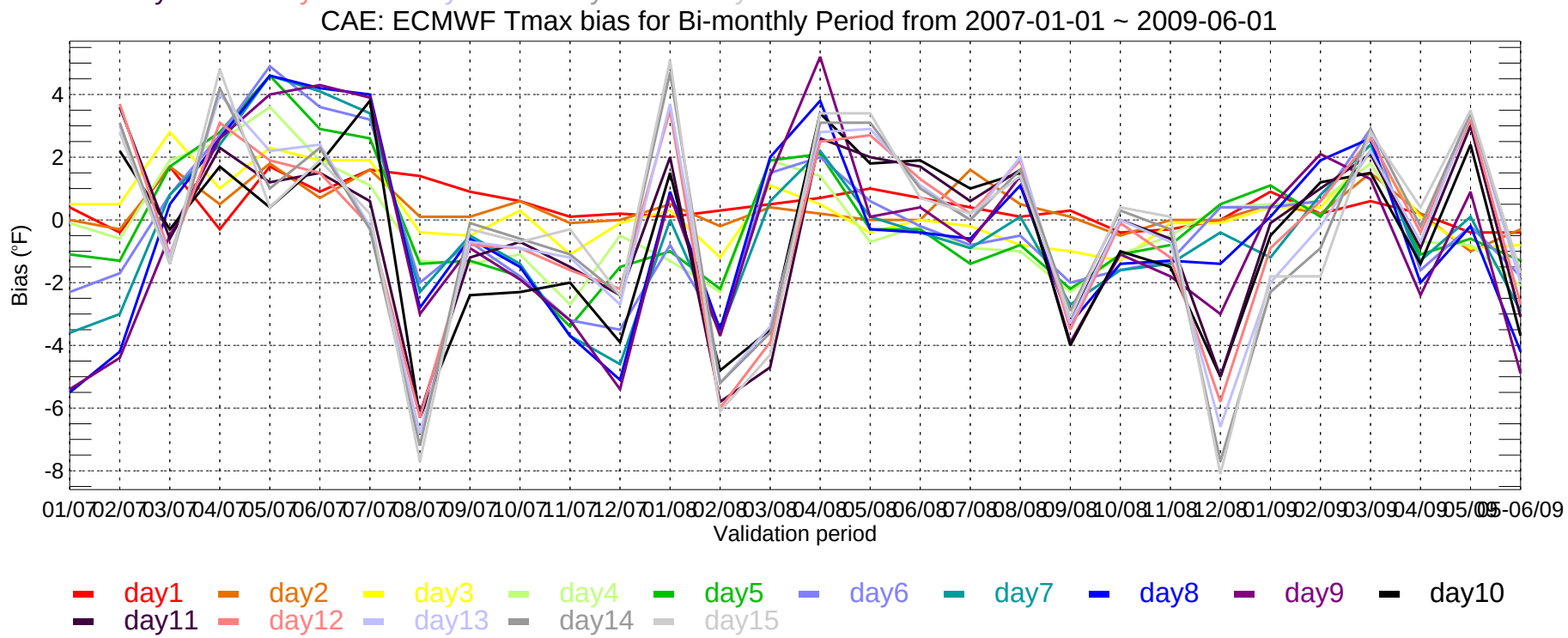

BWI: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

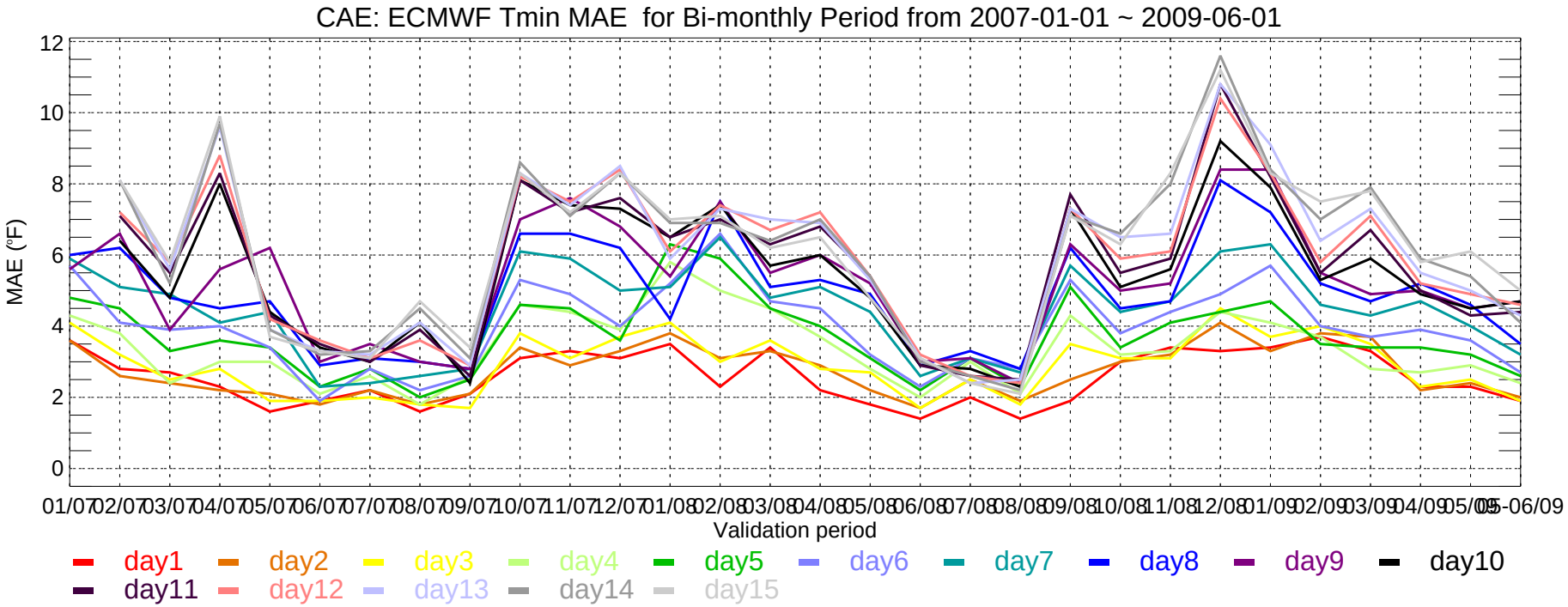

BWI: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

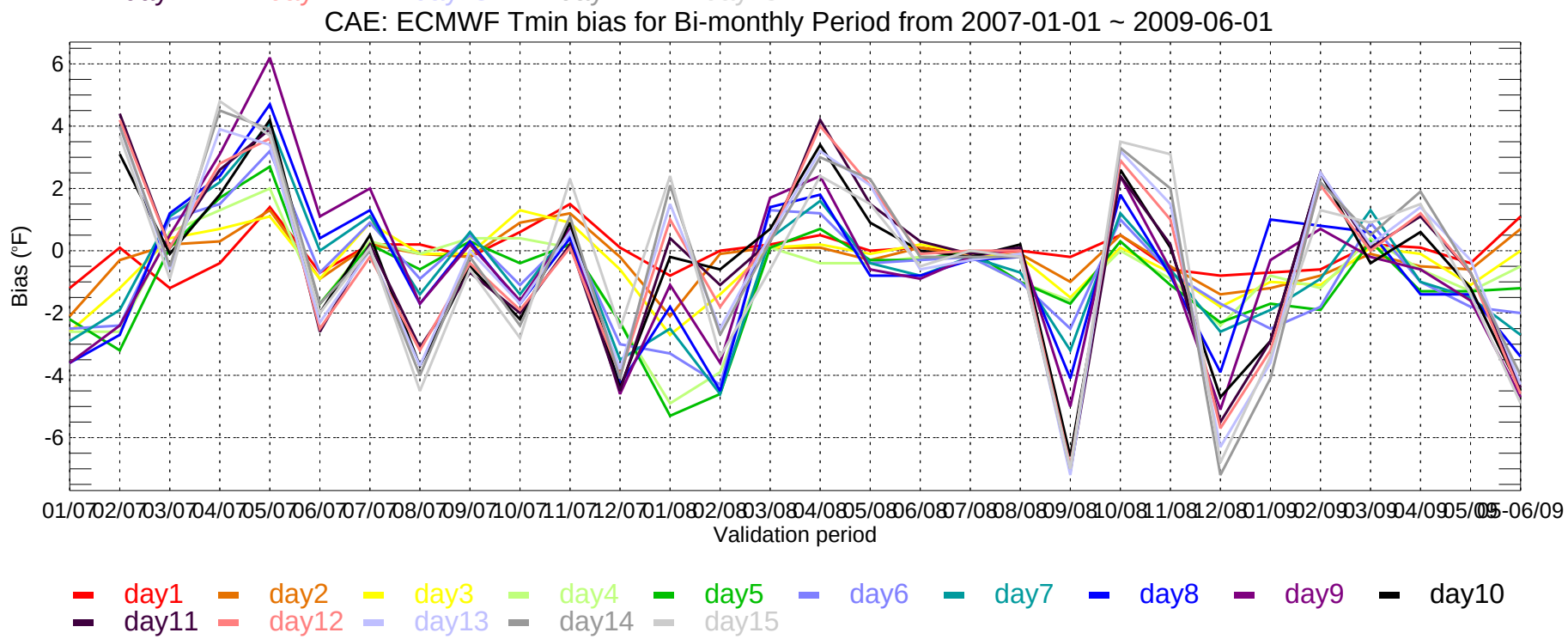

BWI: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

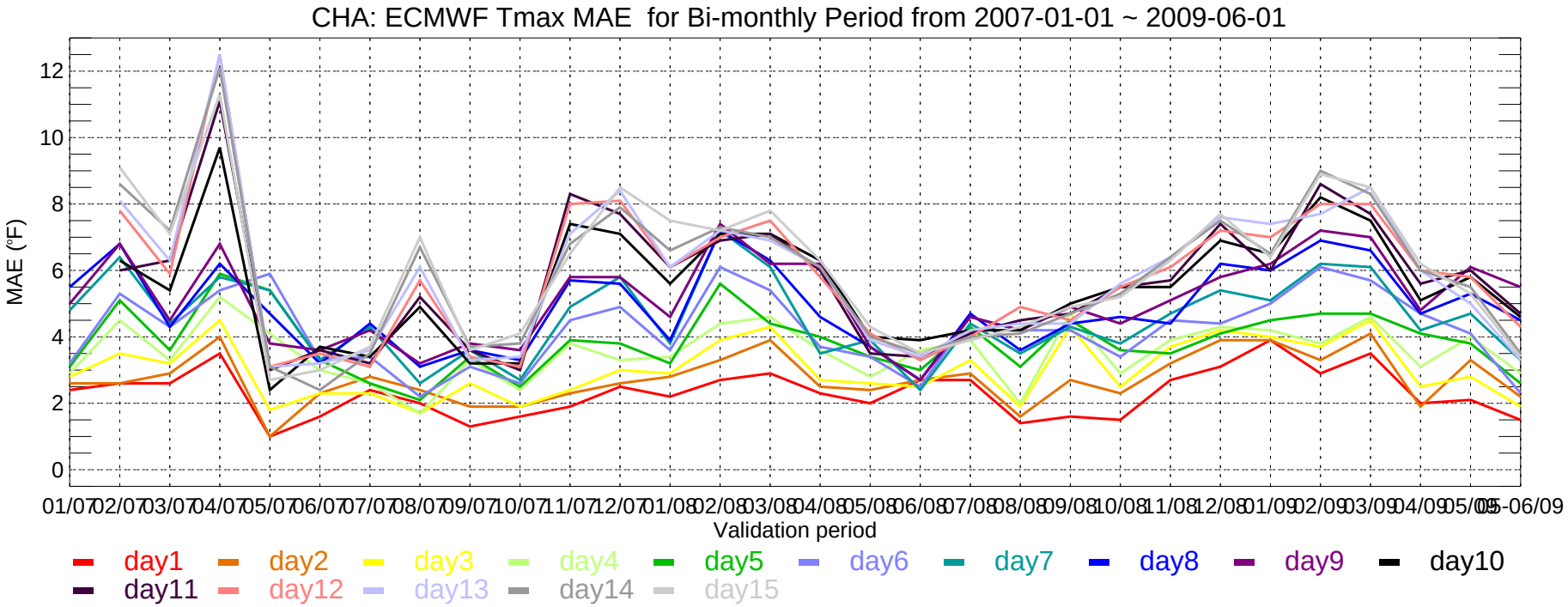

BWI: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

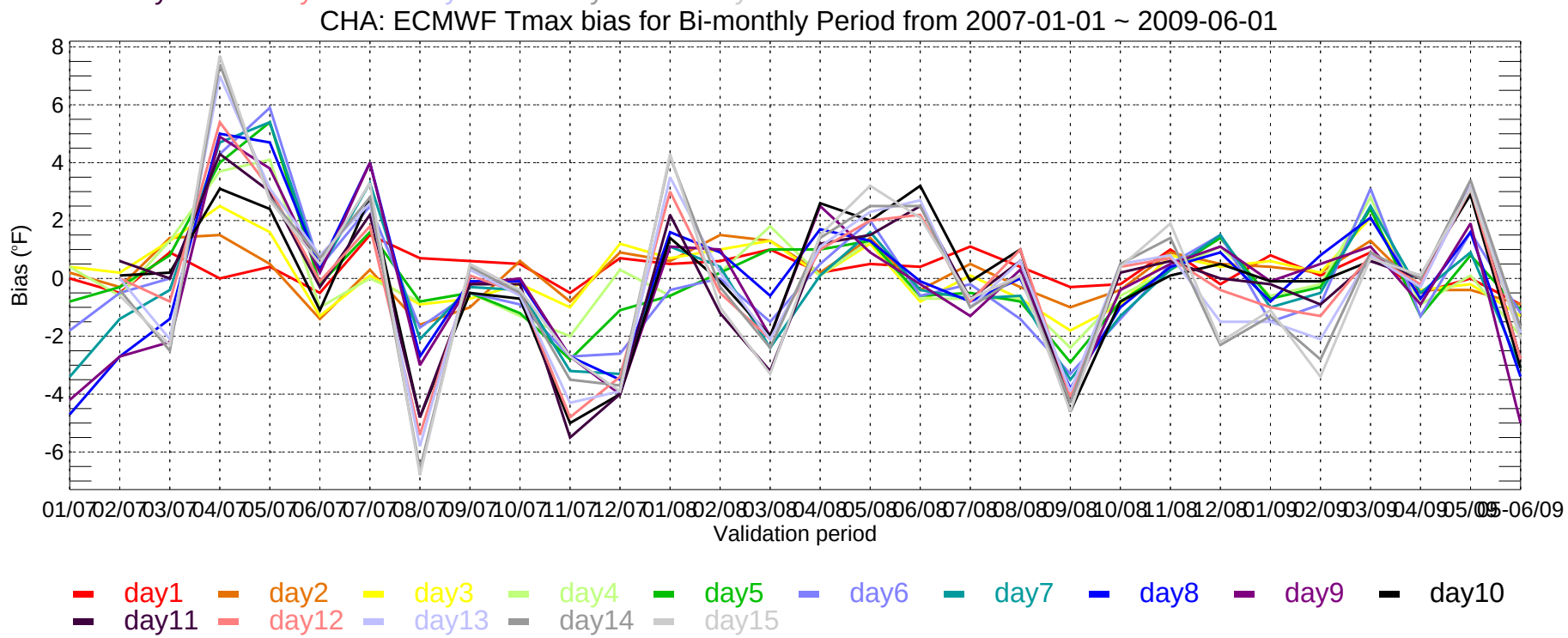

CAE: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

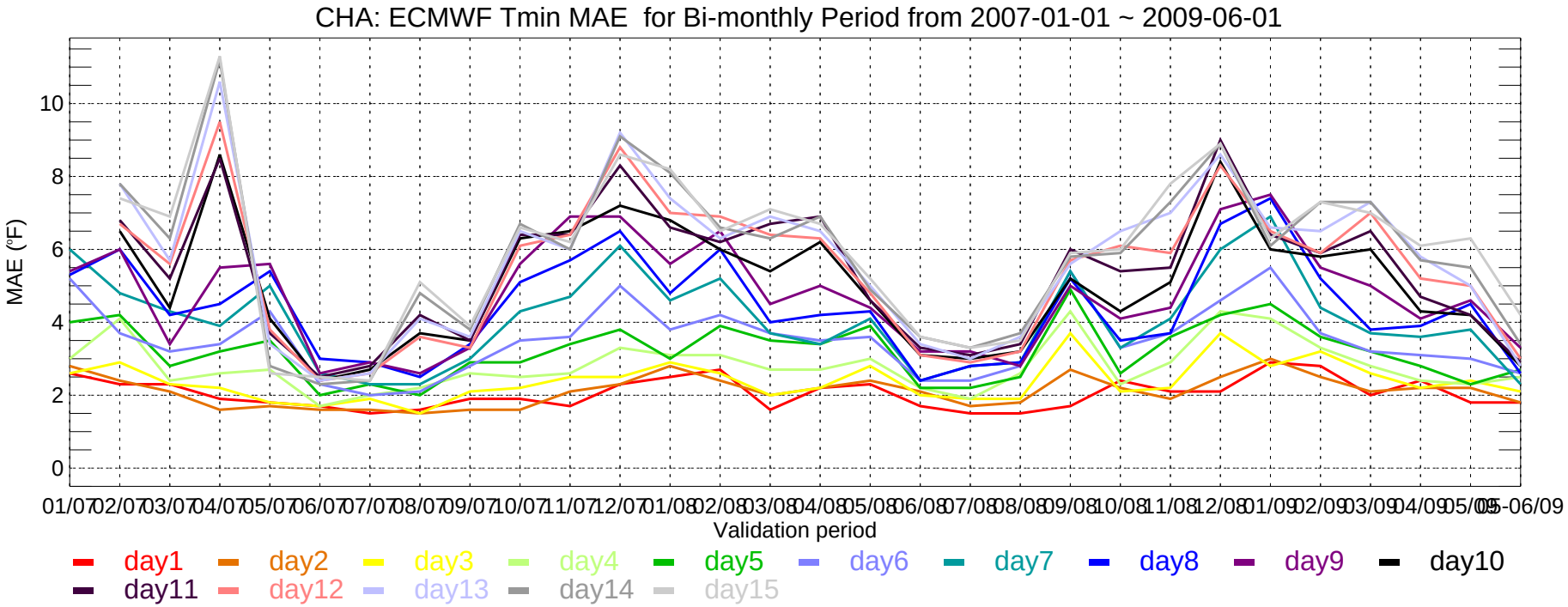

CAE: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-8
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

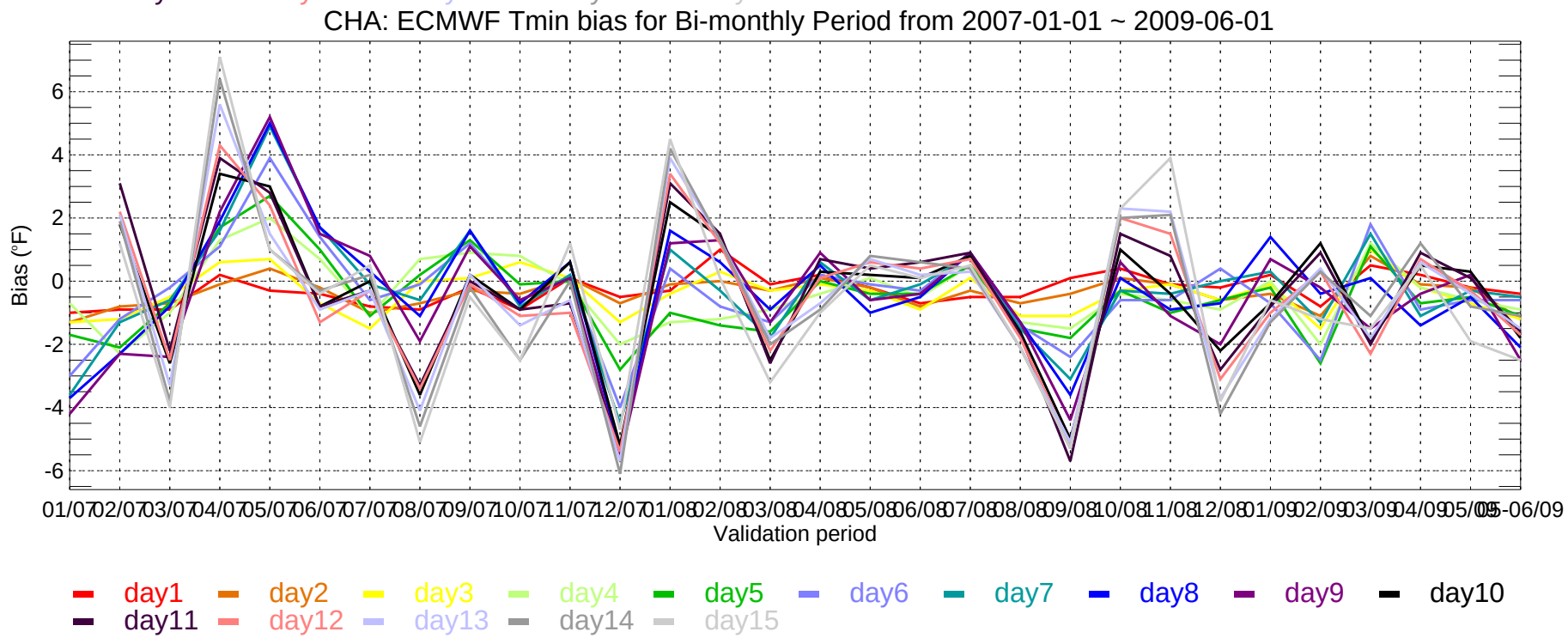

CAE: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

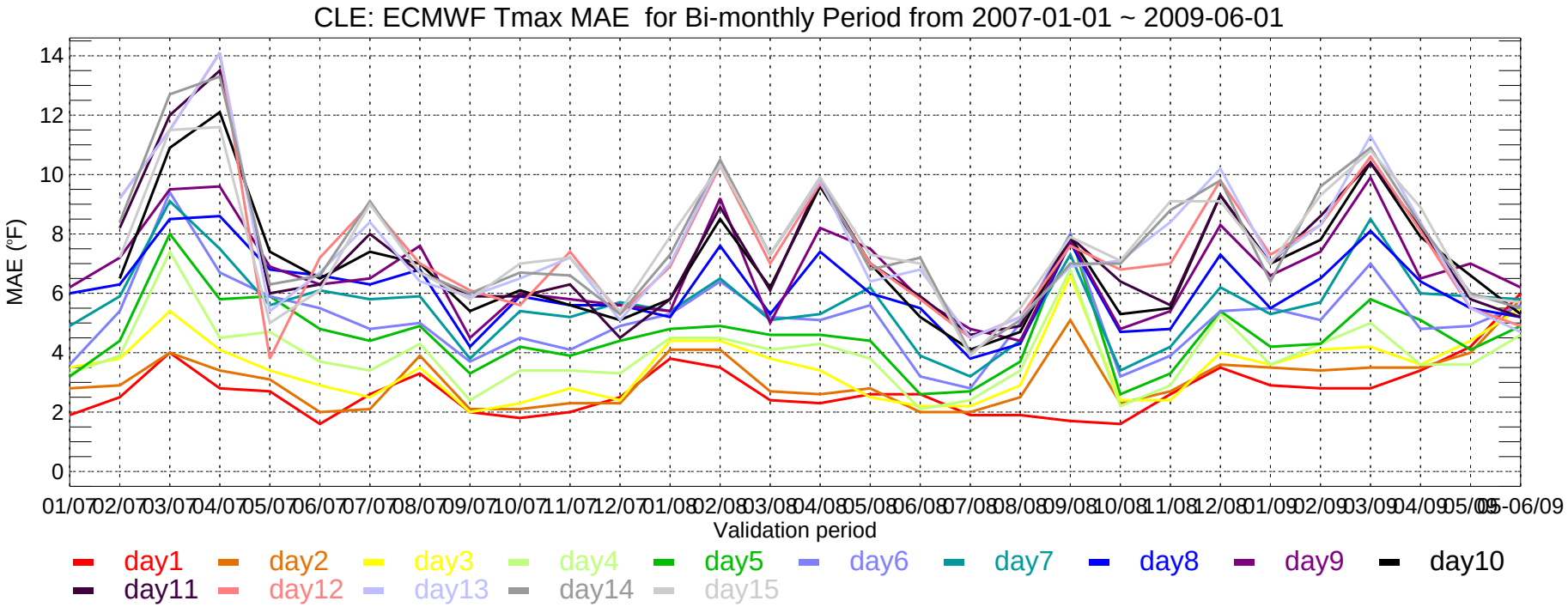

CAE: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

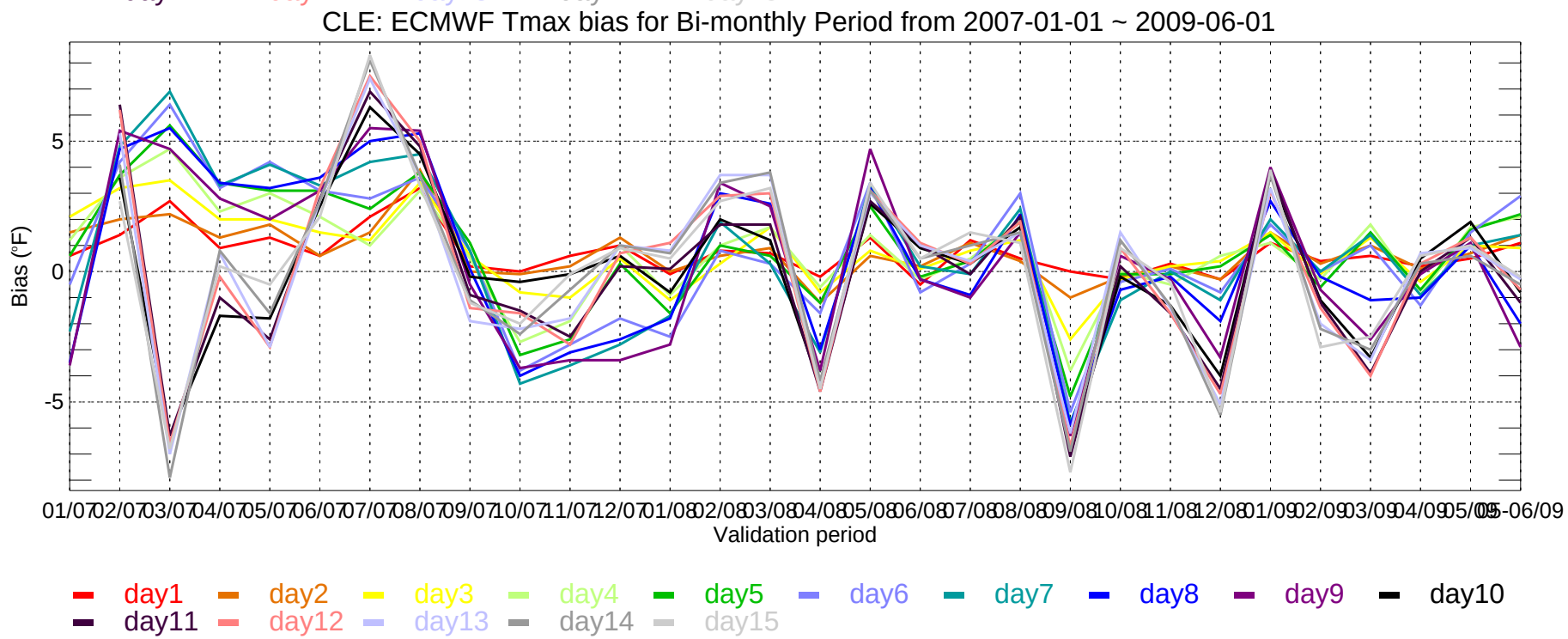

CHA: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

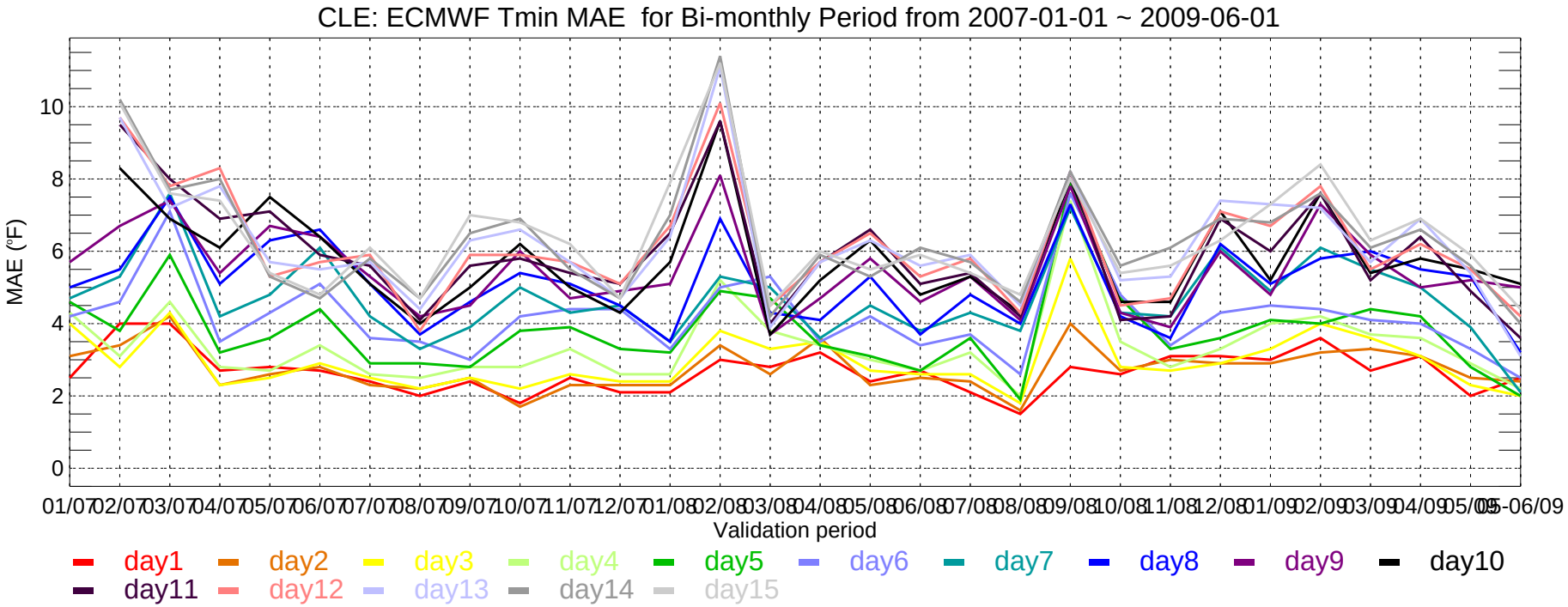

CHA: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-6
-4
-2
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

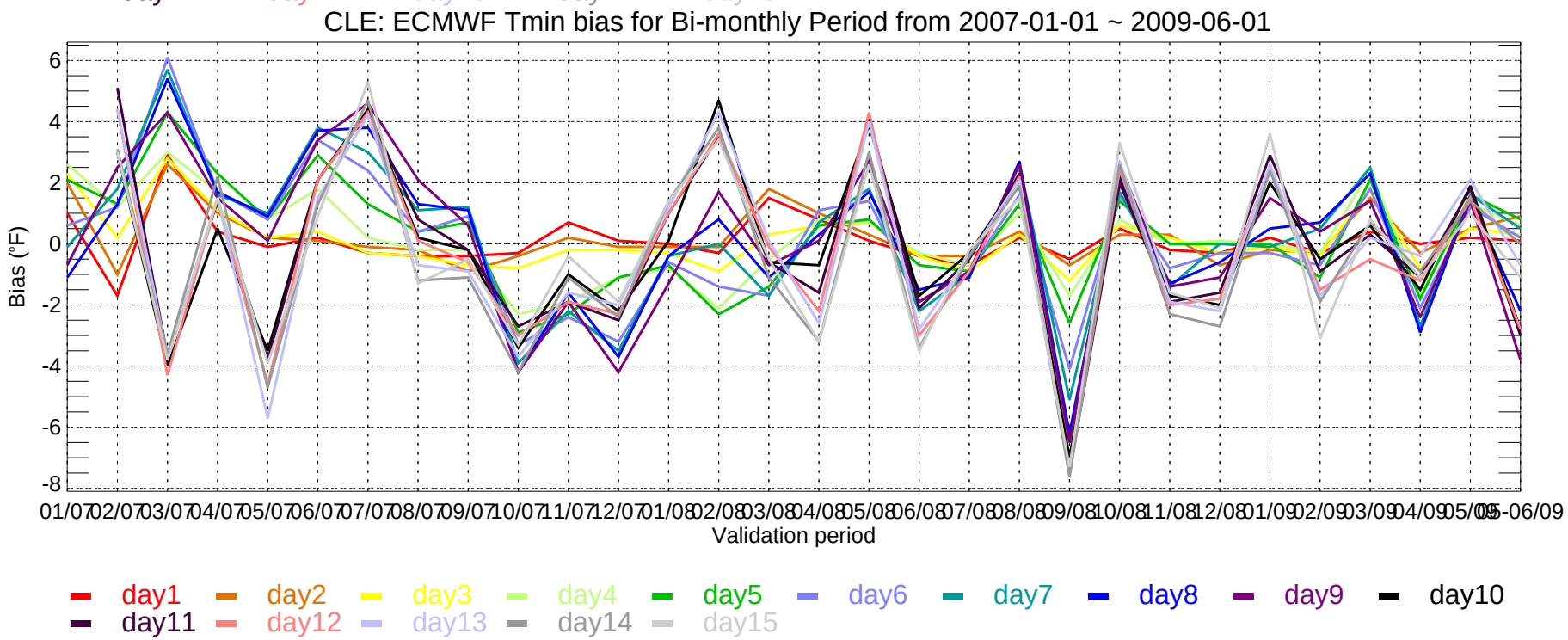

CHA: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

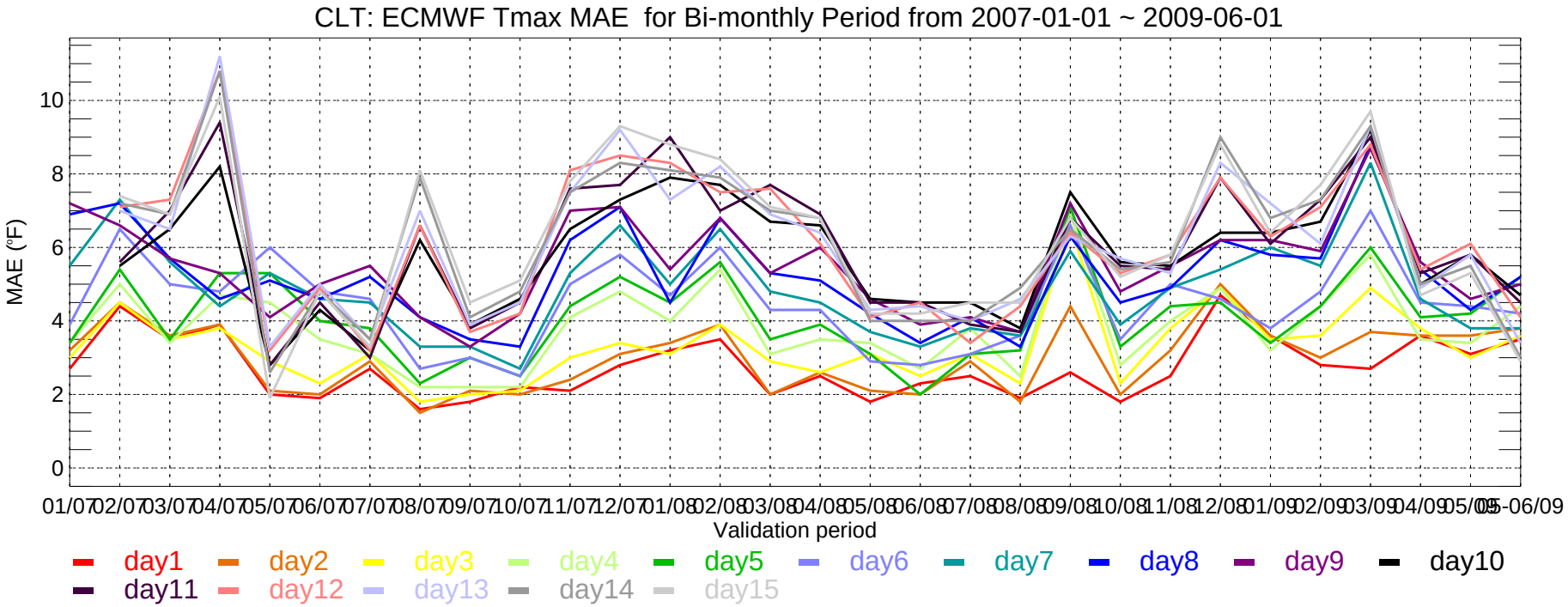

CHA: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

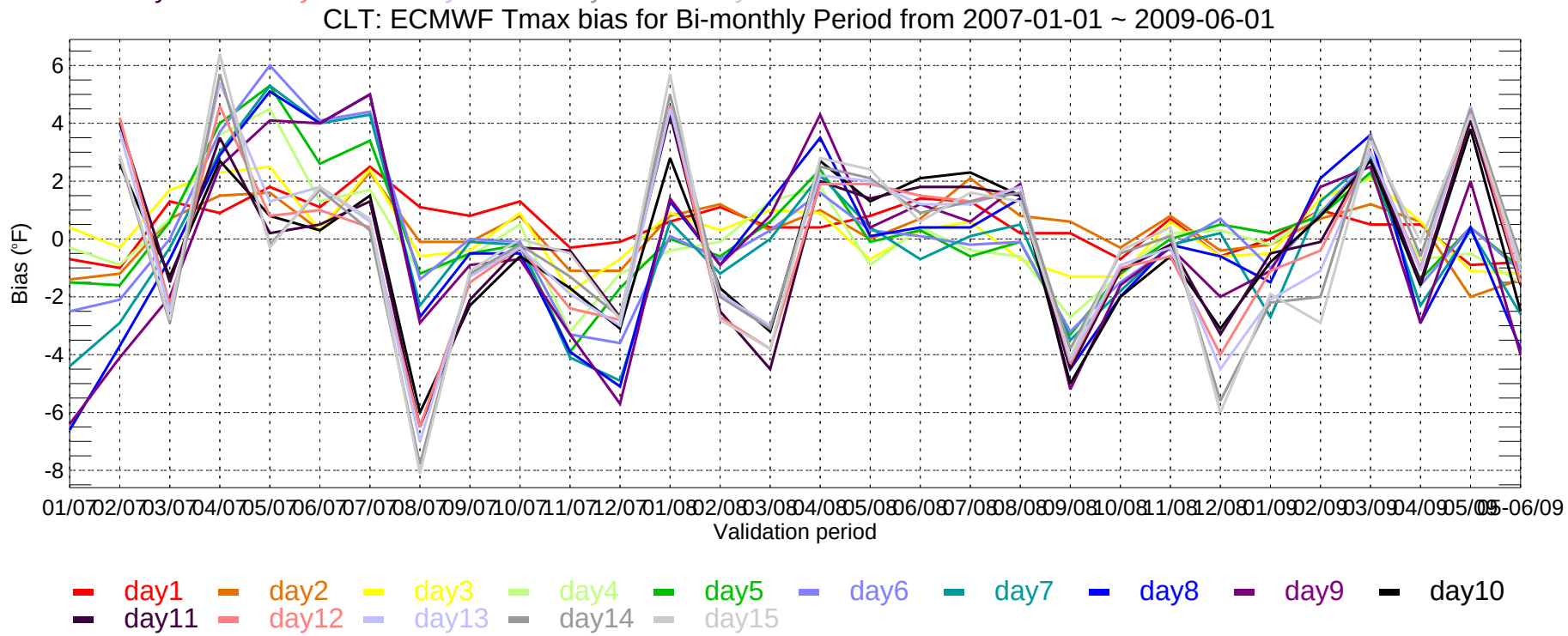

CLE: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

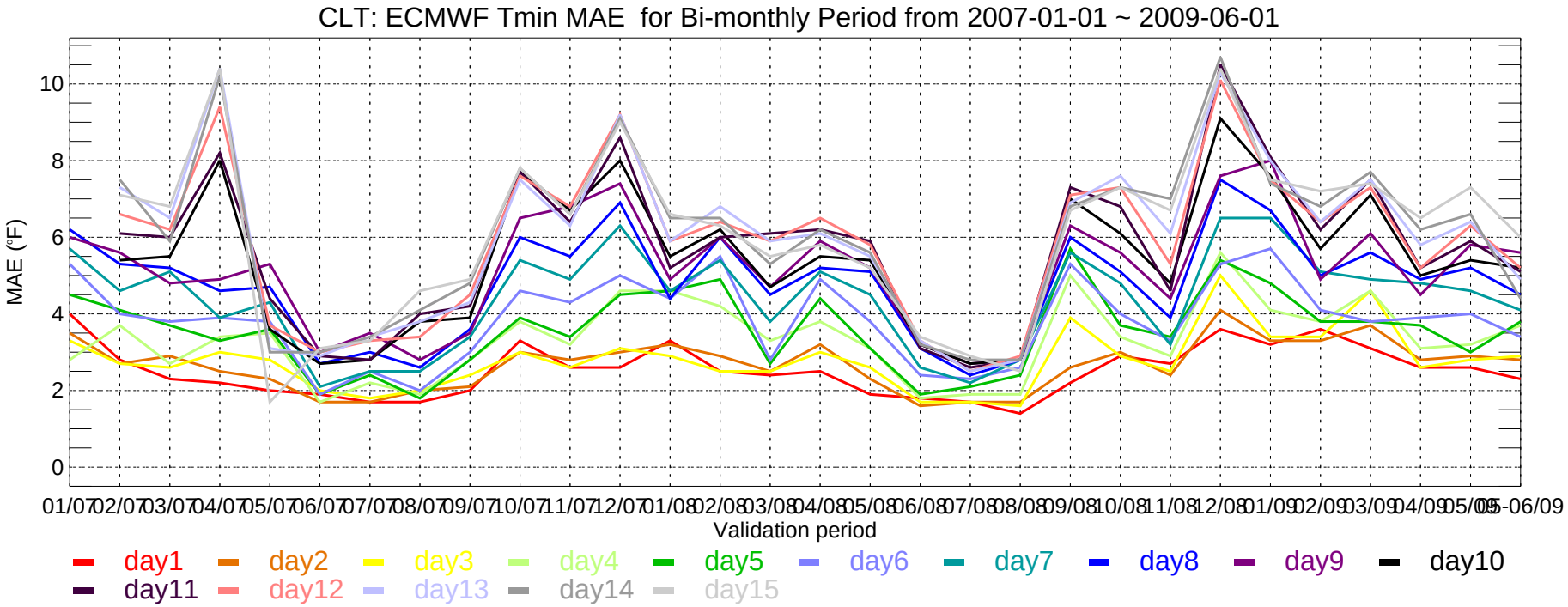

CLE: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

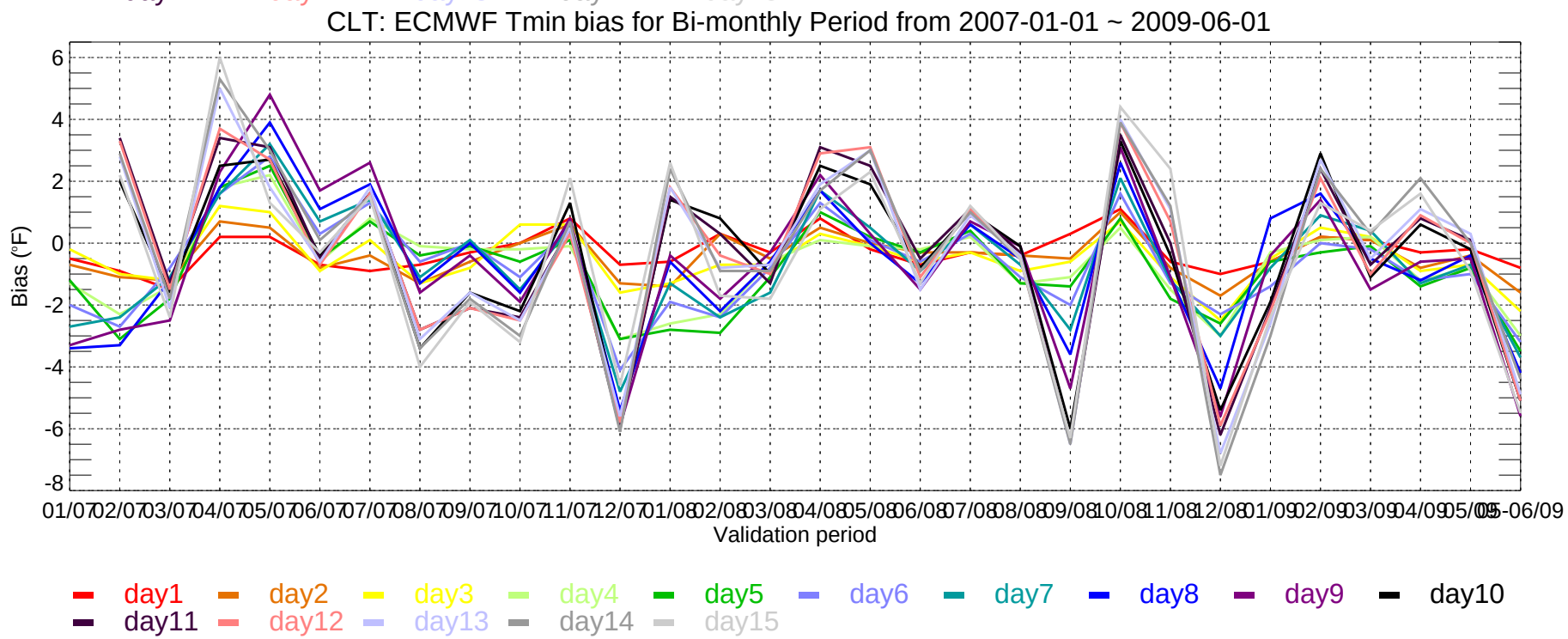

CLE: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

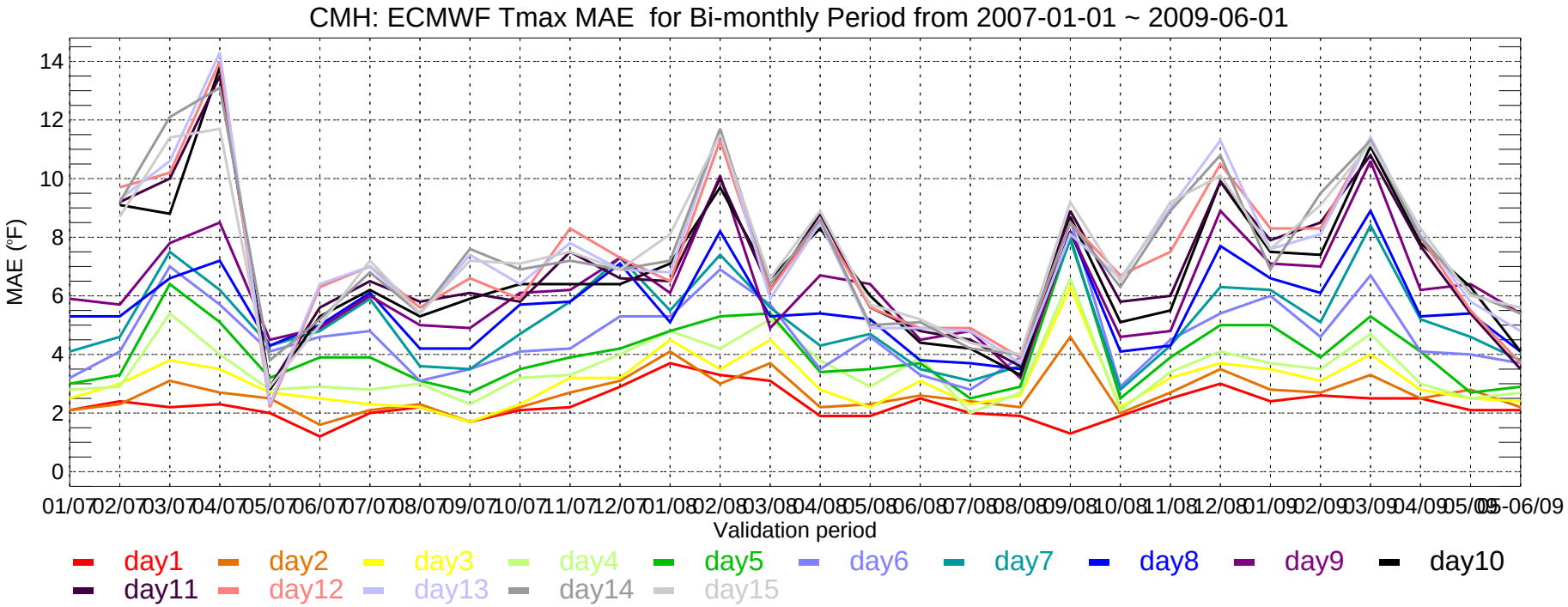

CLE: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

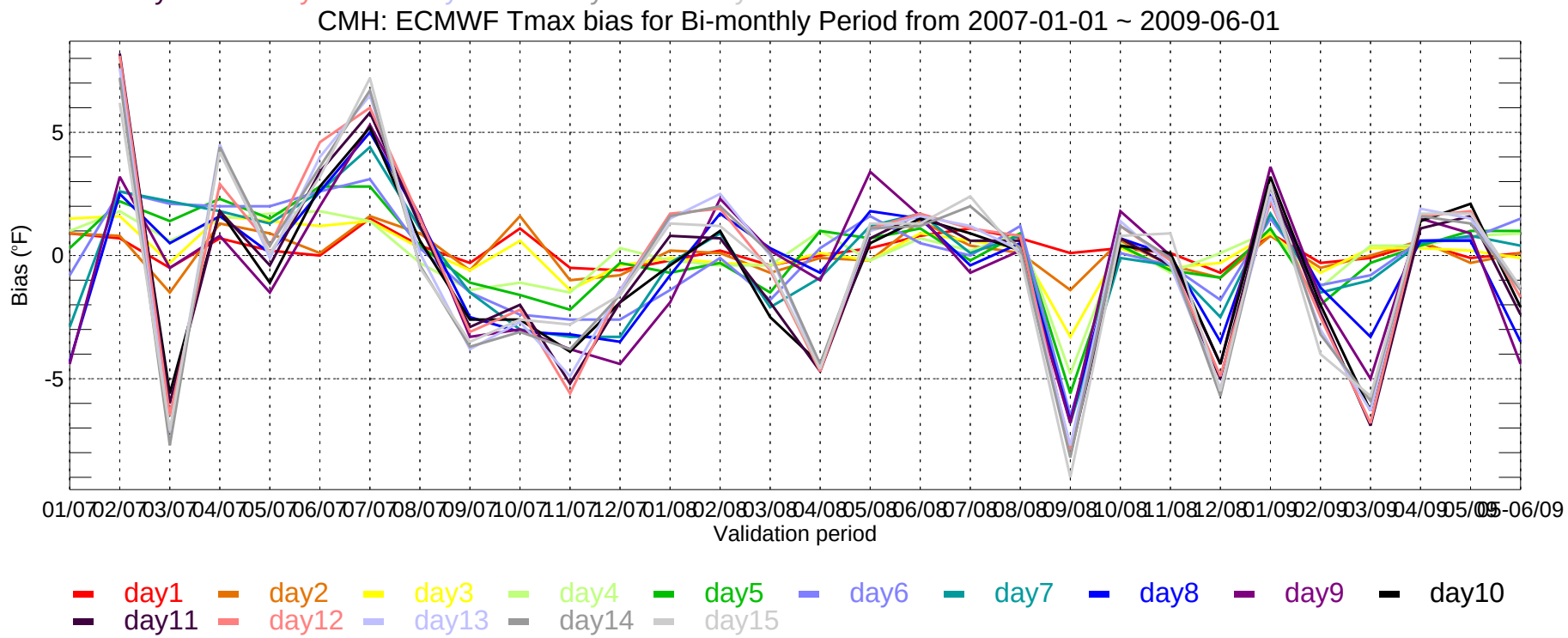

CLT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

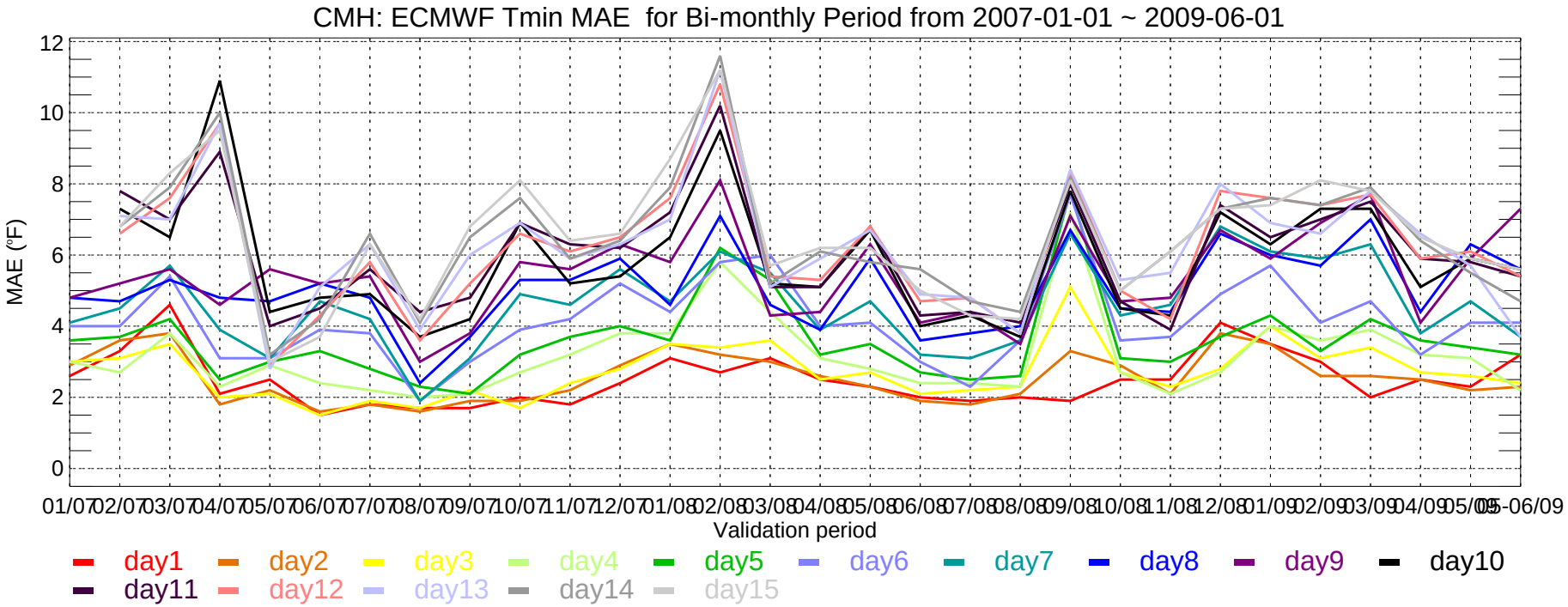

CLT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

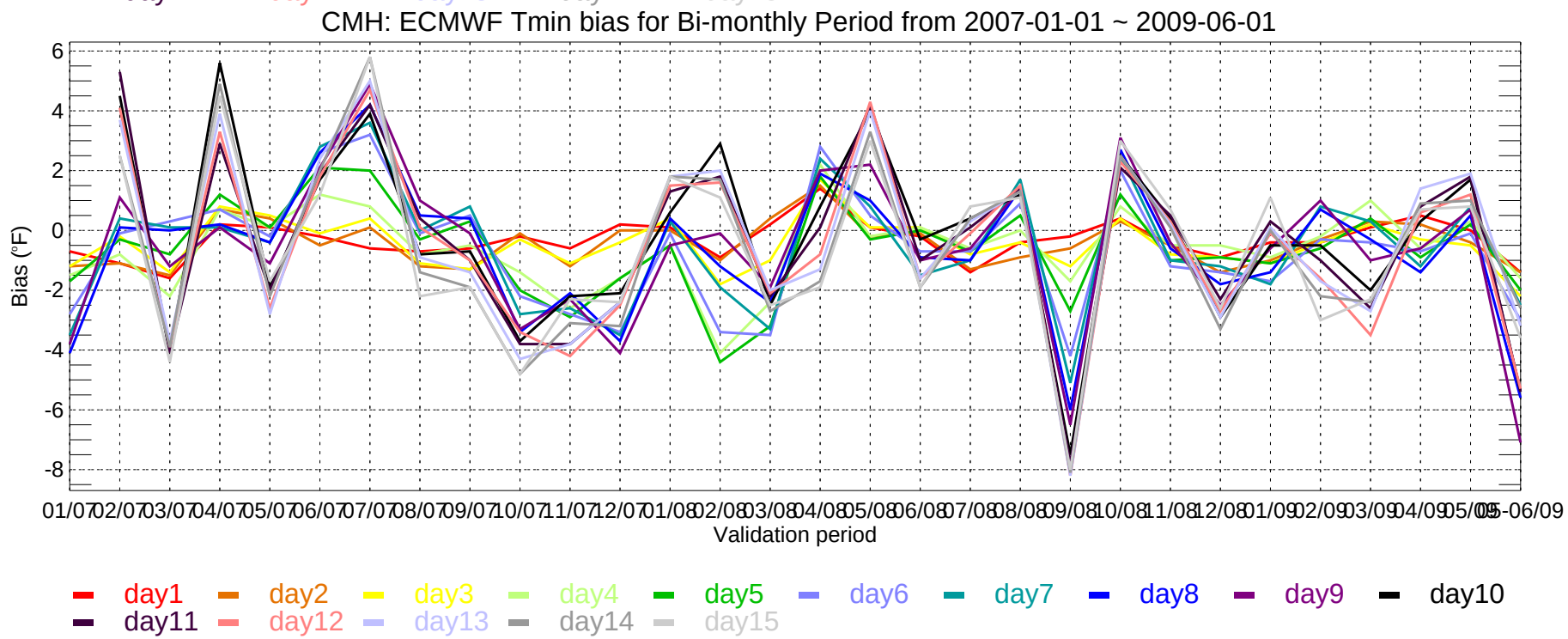

CLT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

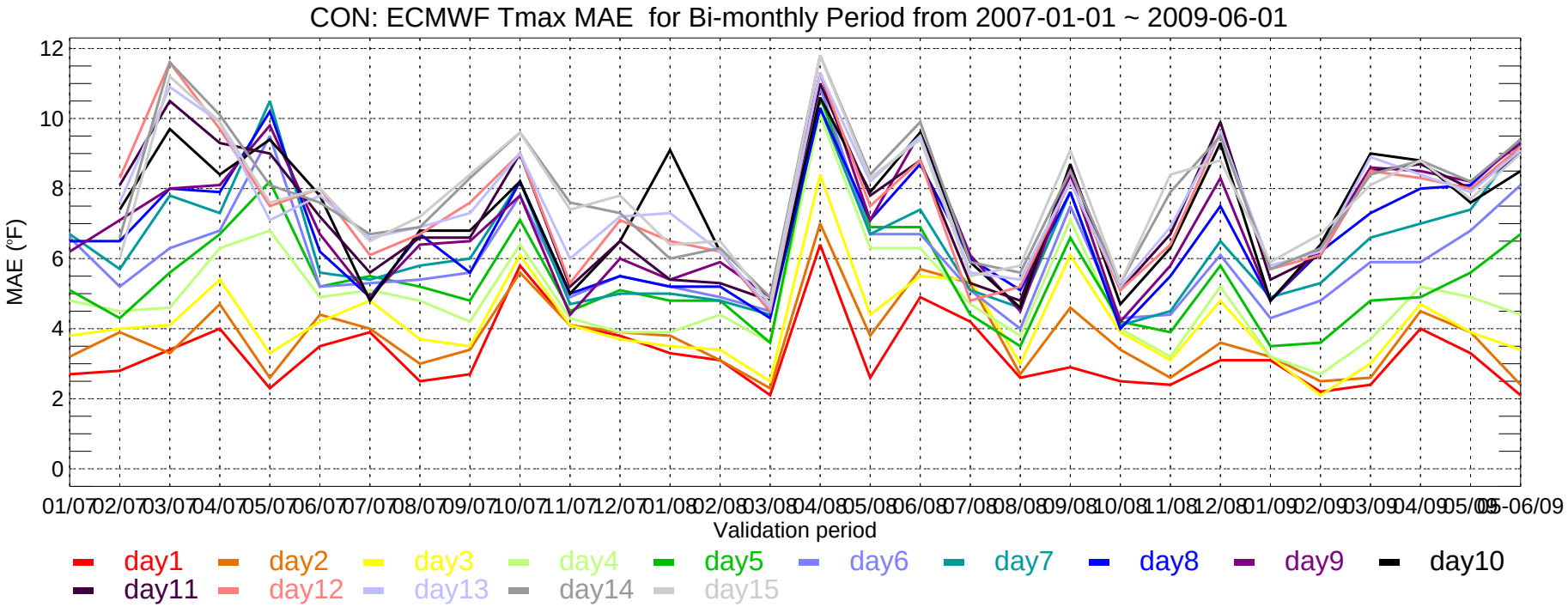

CLT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

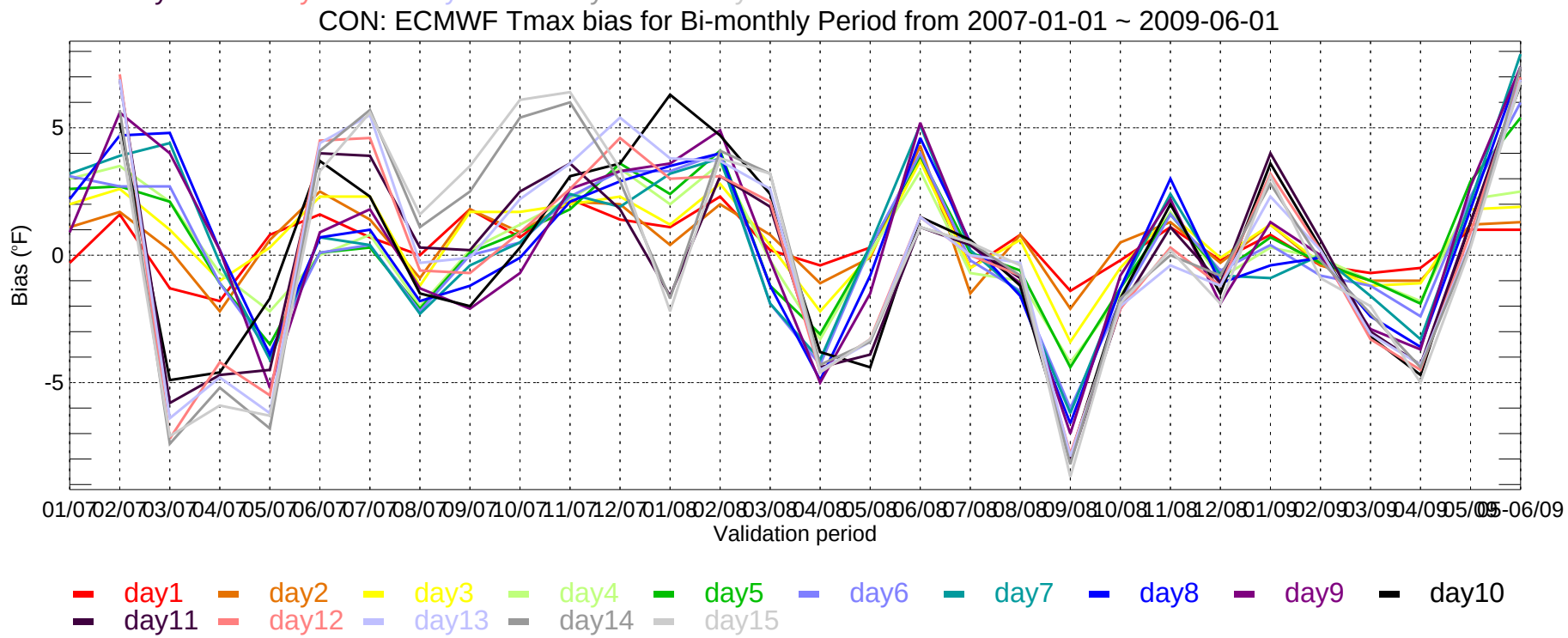

CMH: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

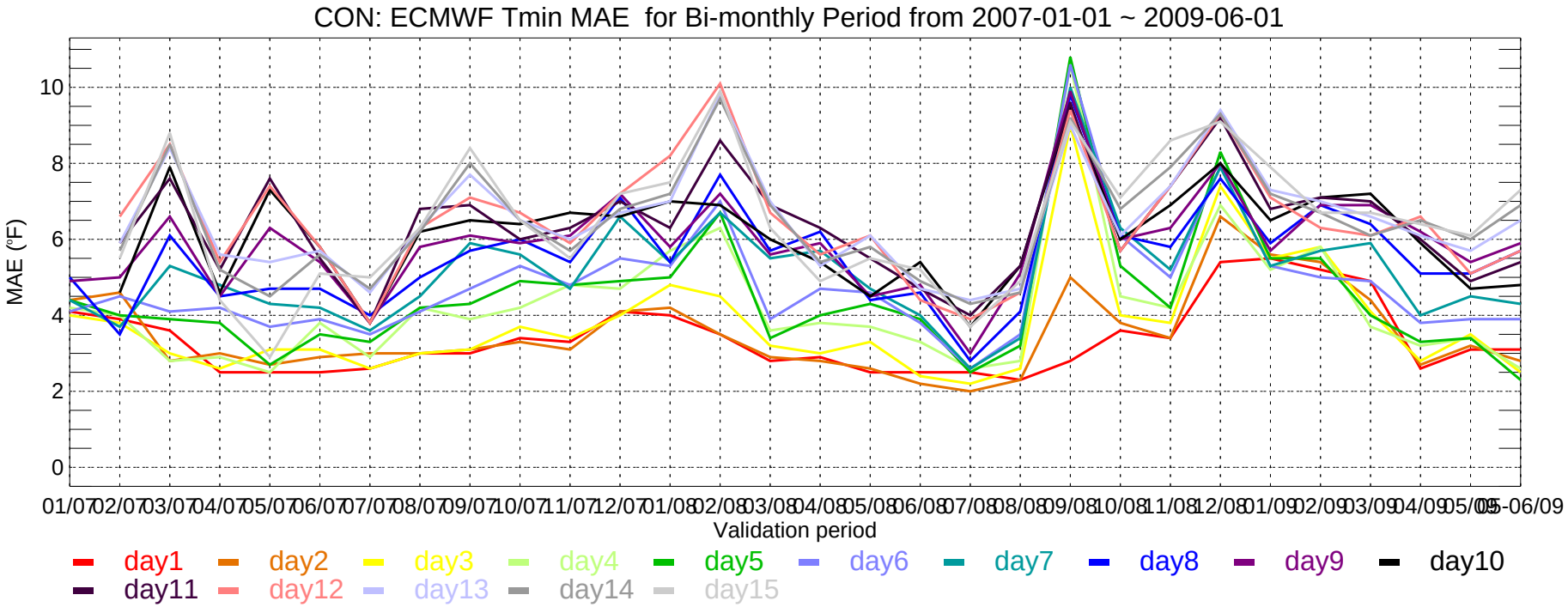

CMH: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

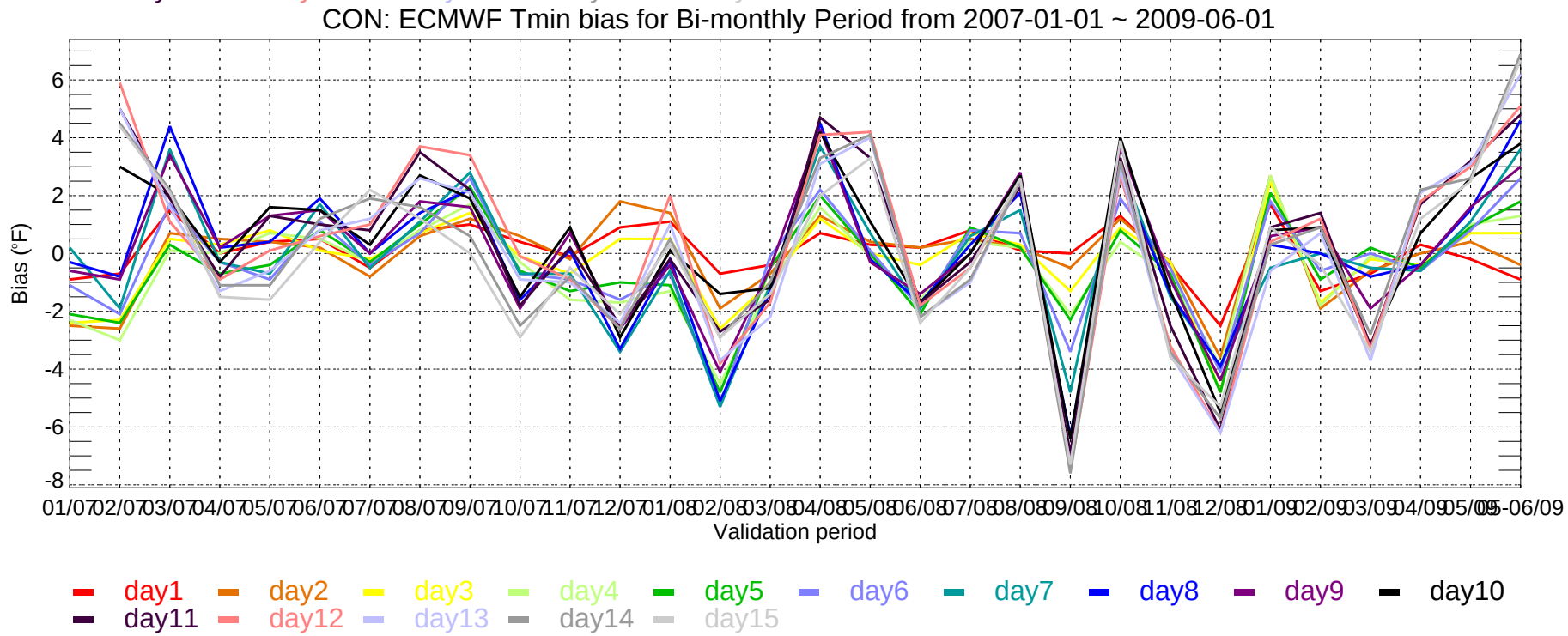

CMH: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

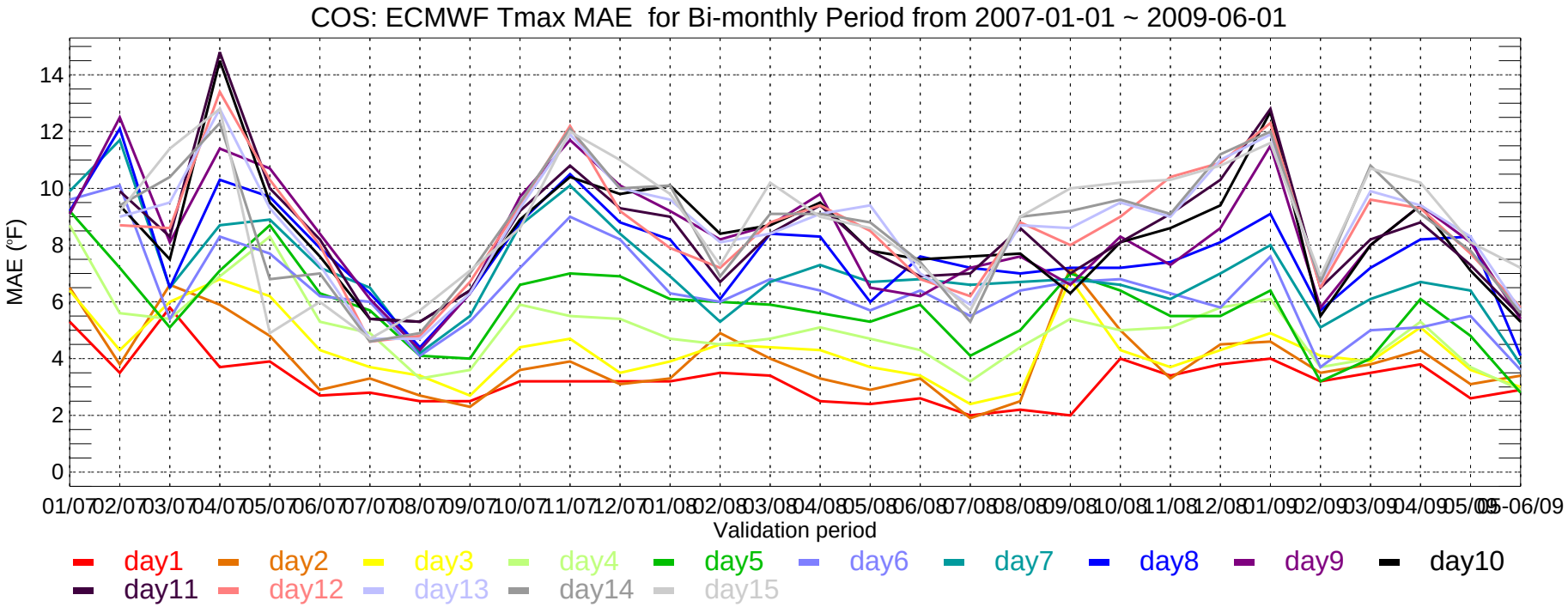

CMH: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

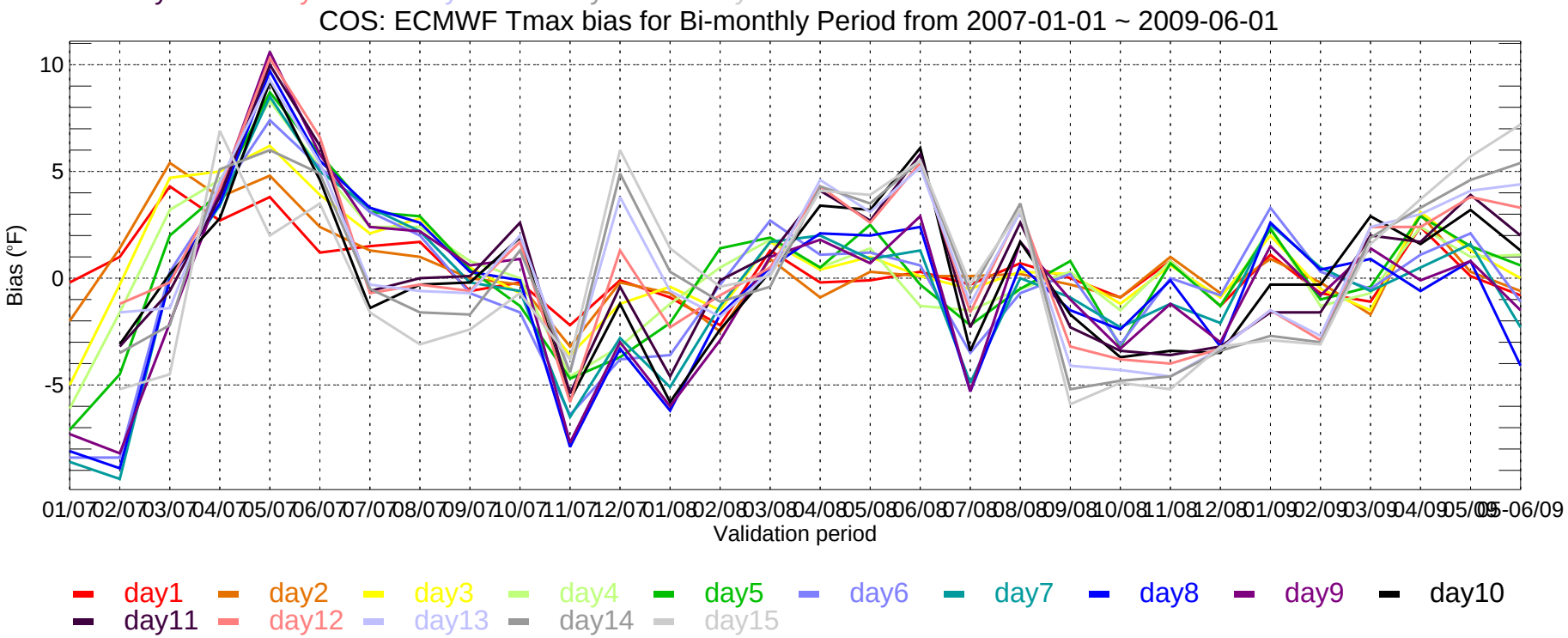

CON: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

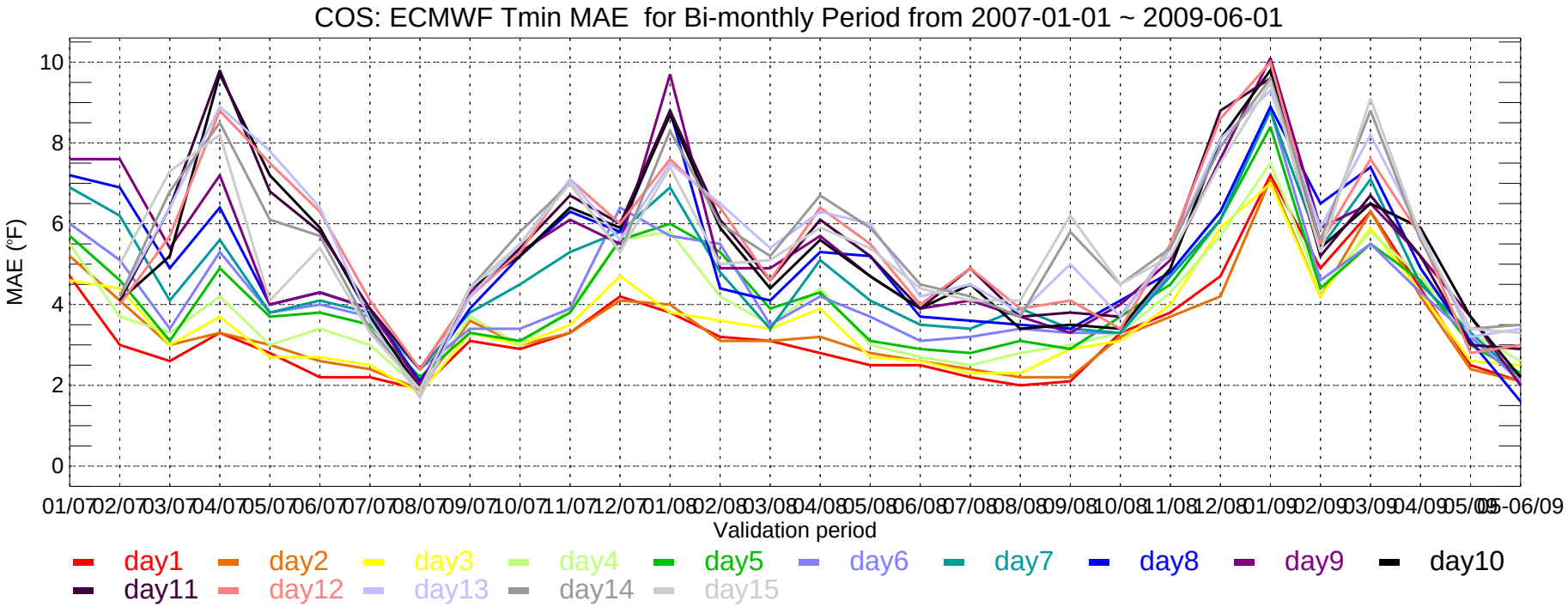

CON: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

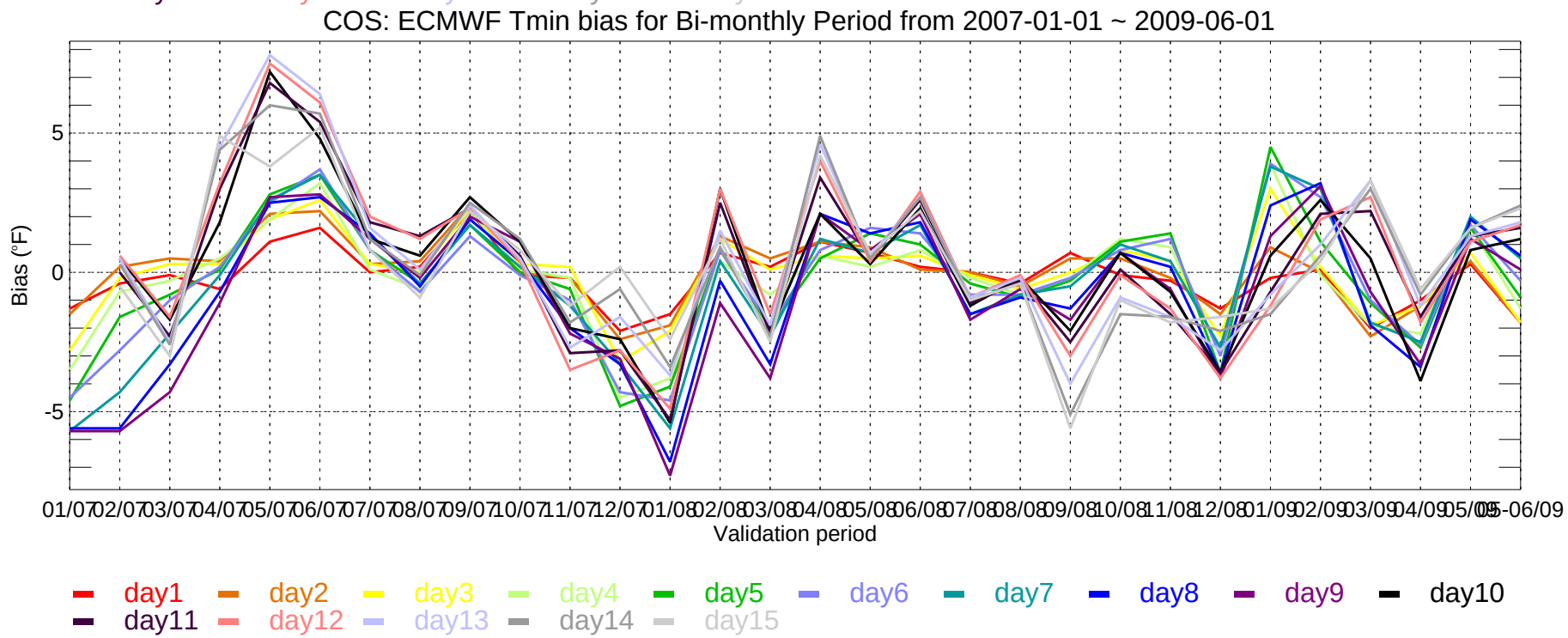

CON: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

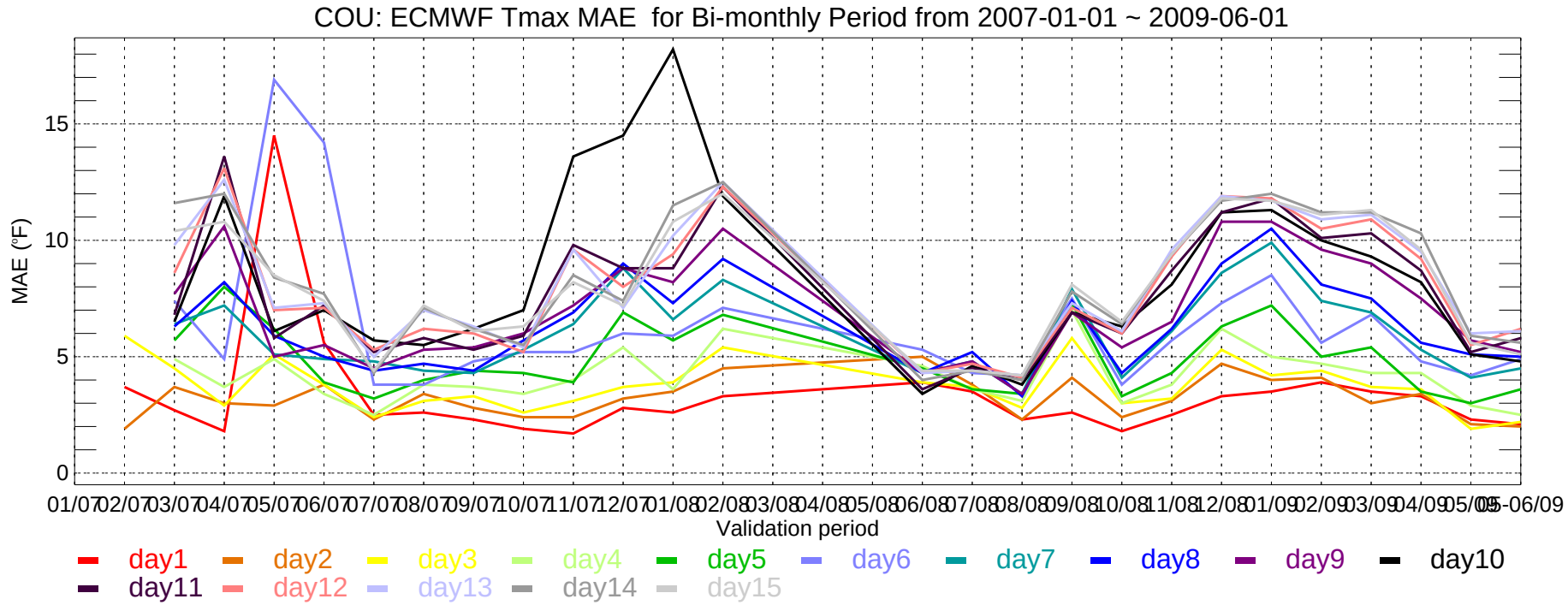

CON: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-8
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

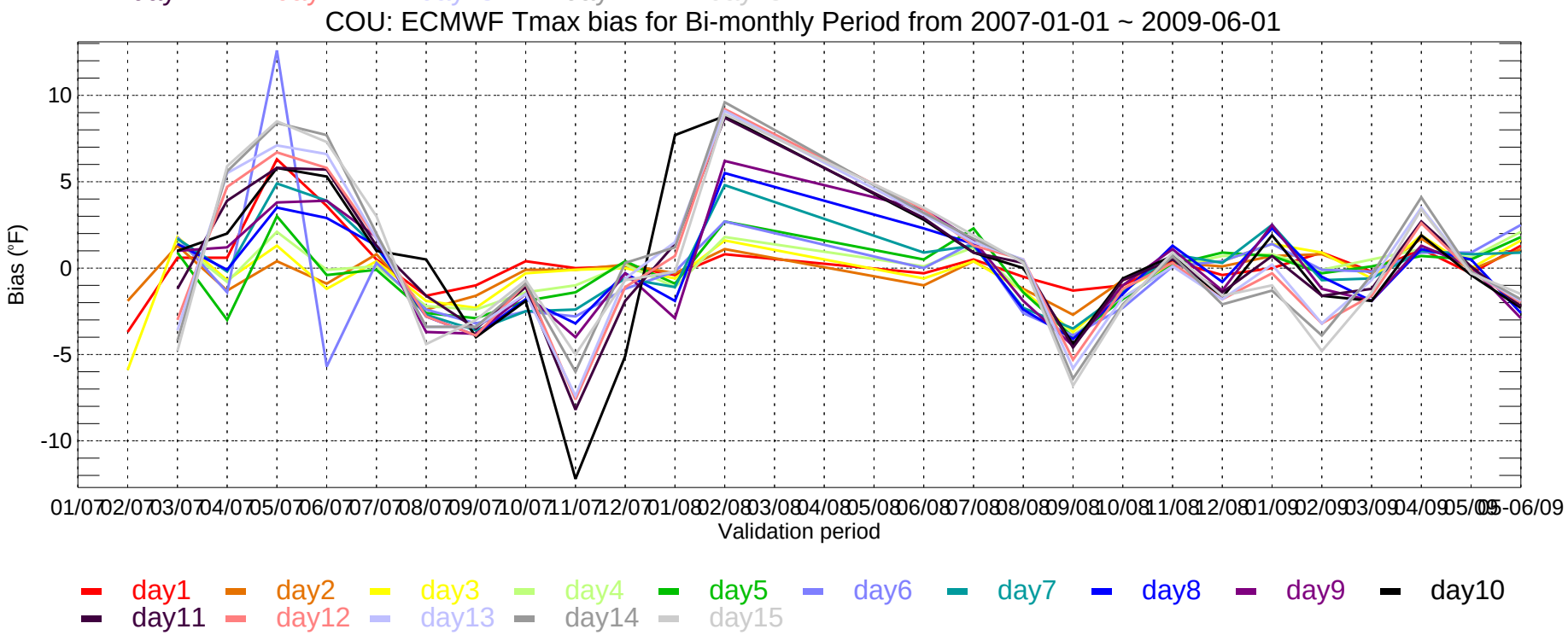

COS: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

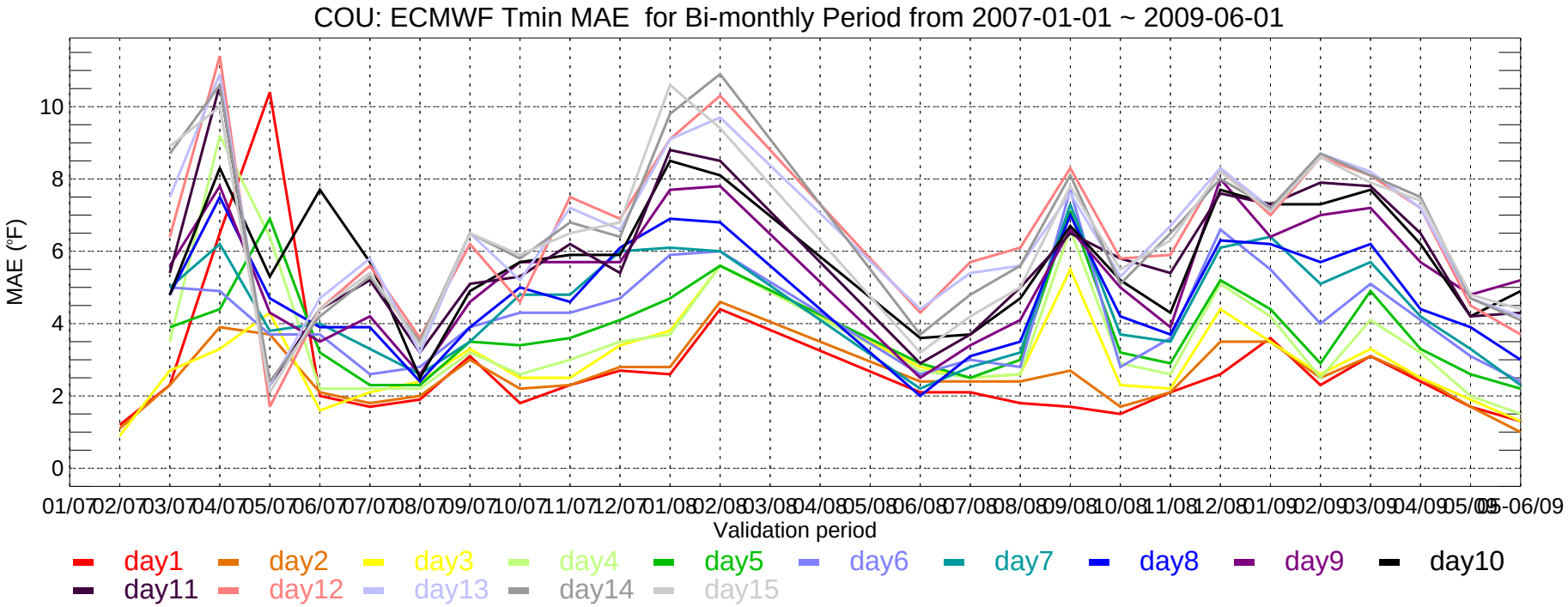

COS: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

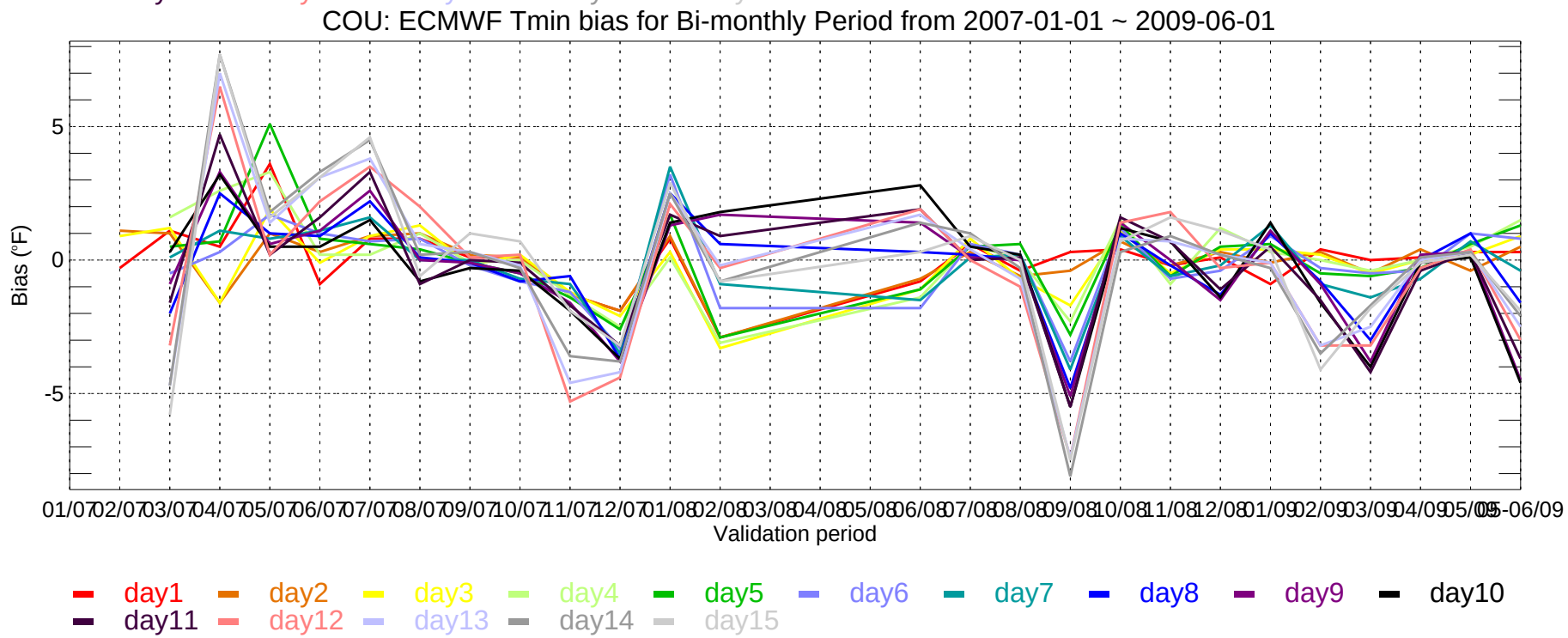

COS: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

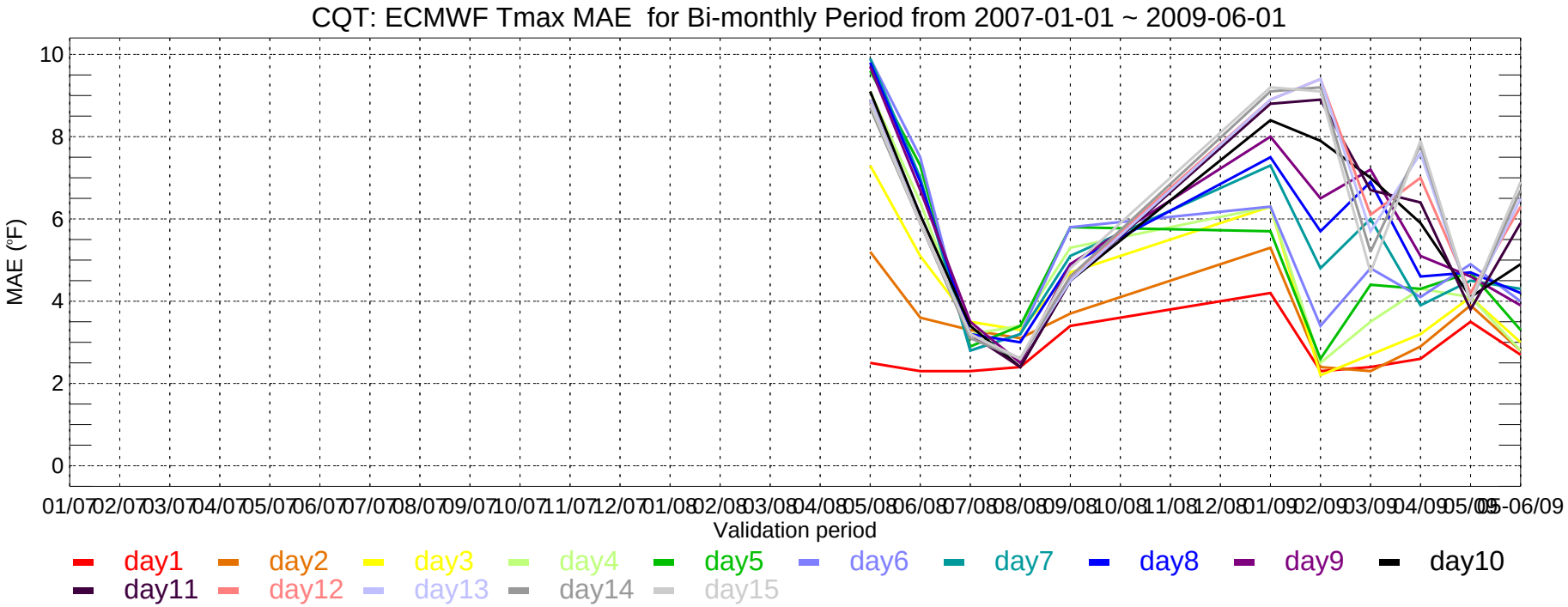

COS: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

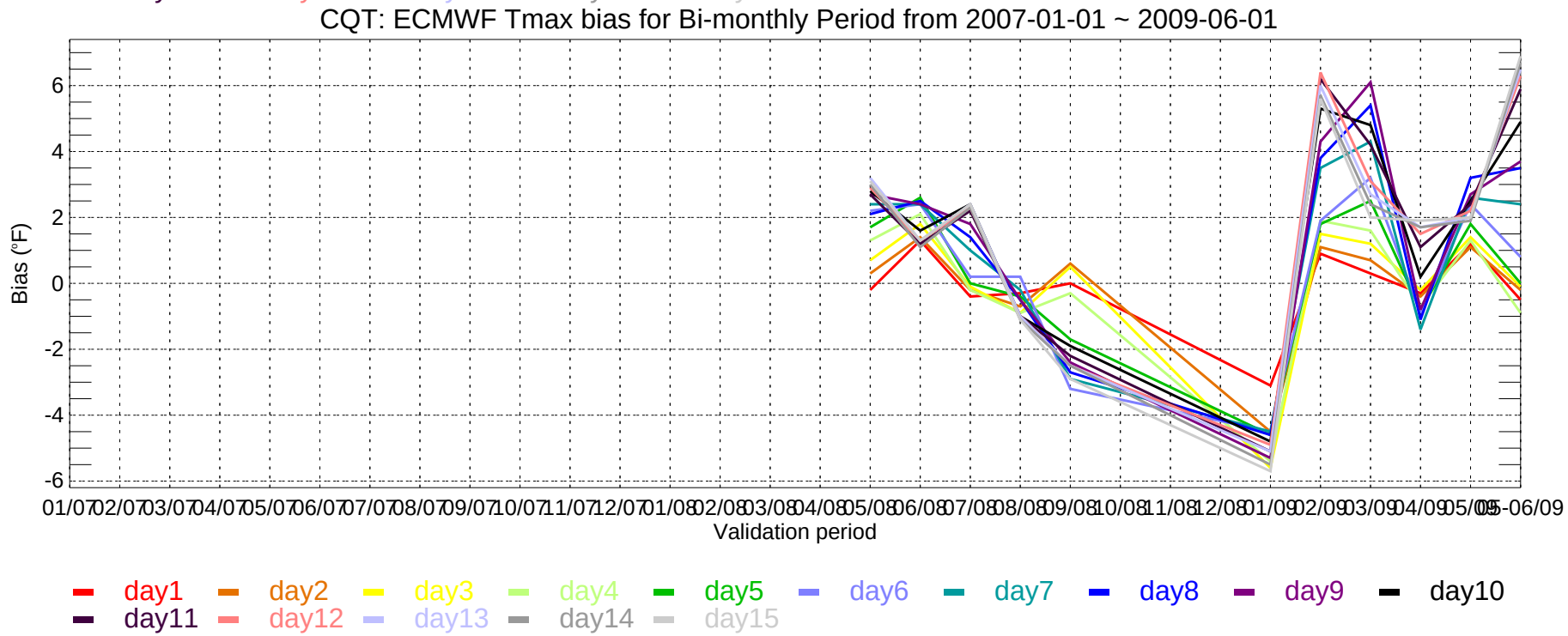

COU: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

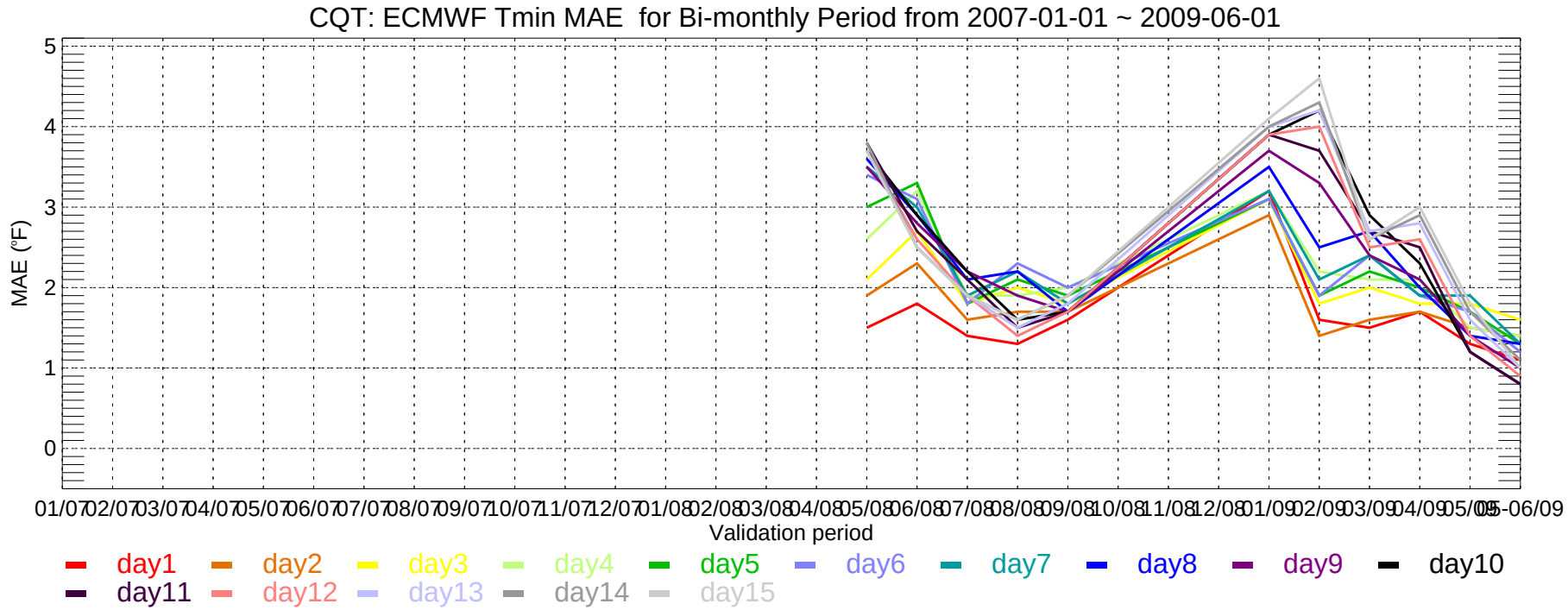

COU: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

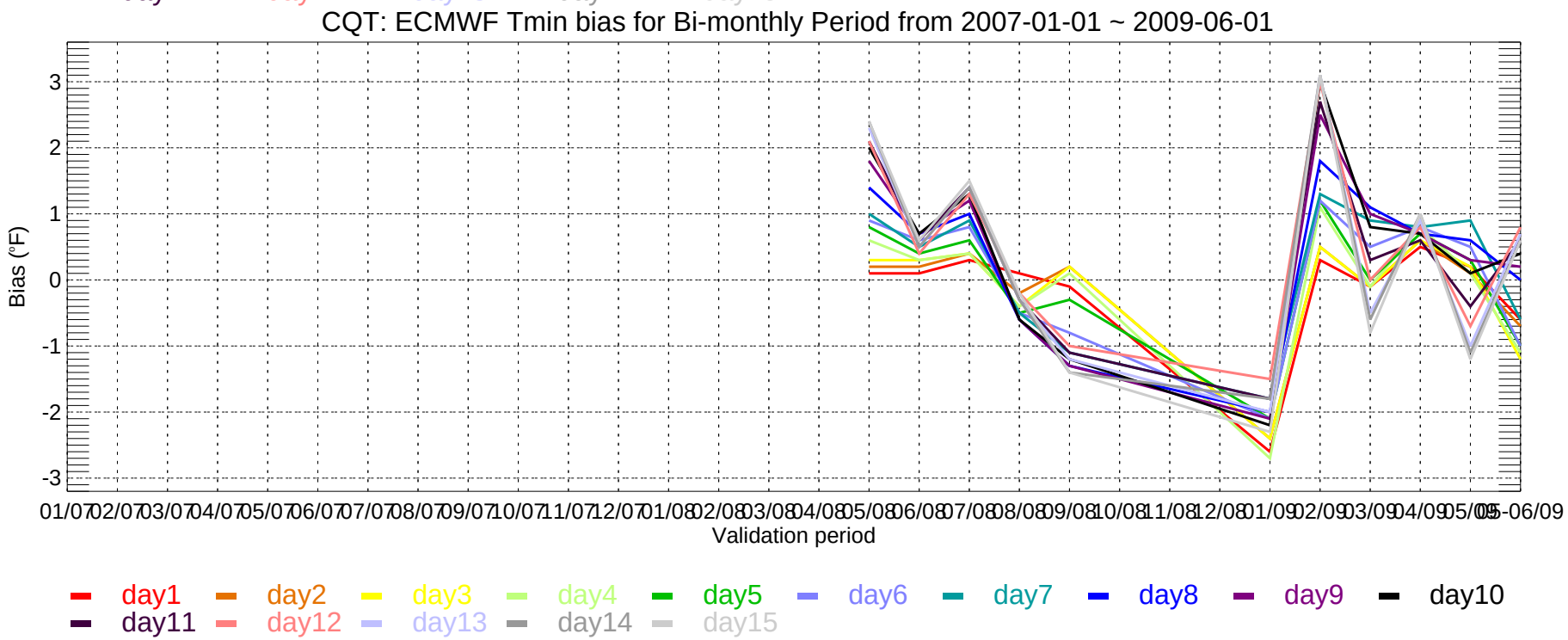

COU: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

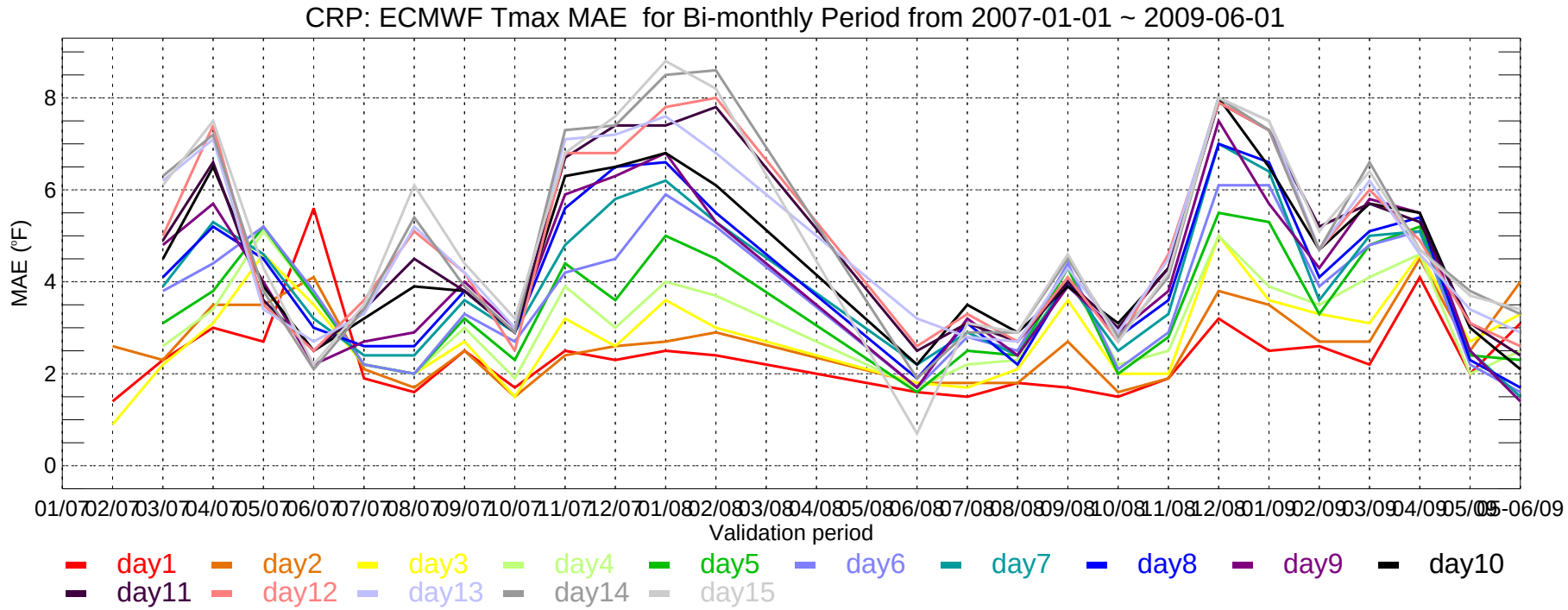

COU: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

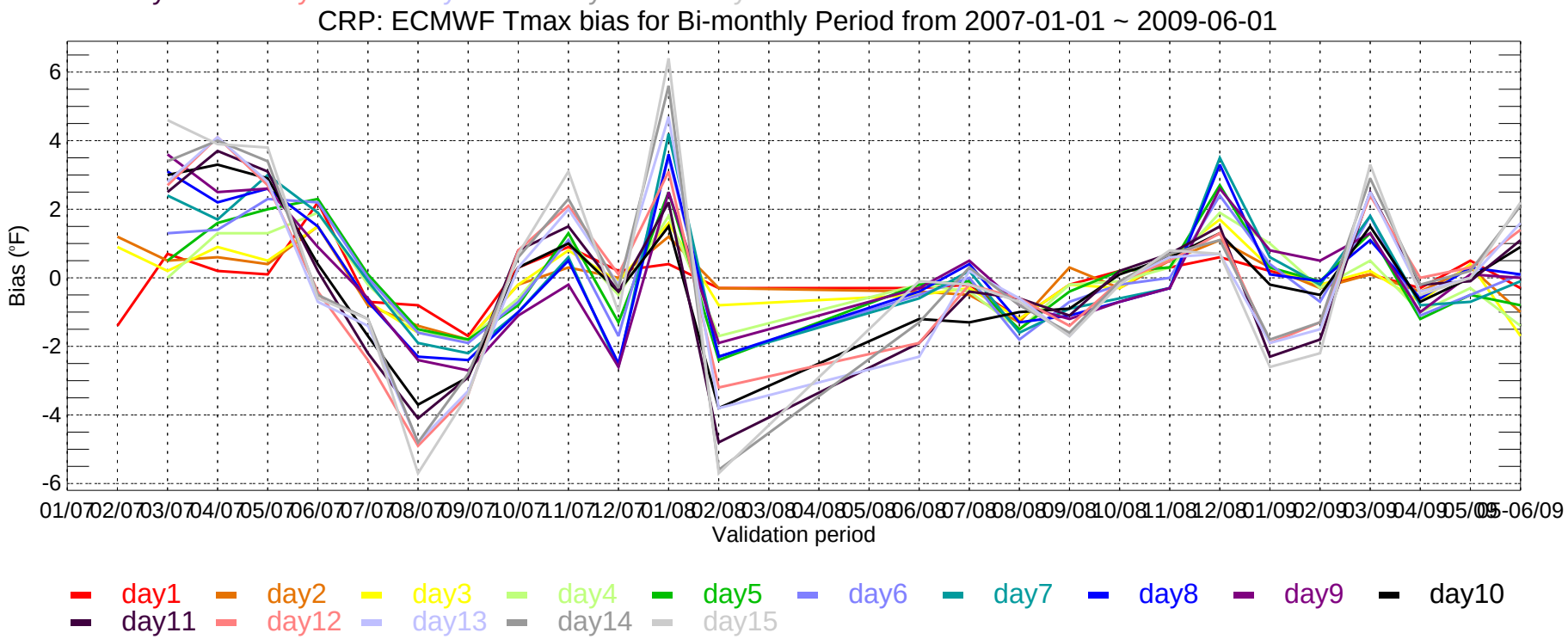

CQT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

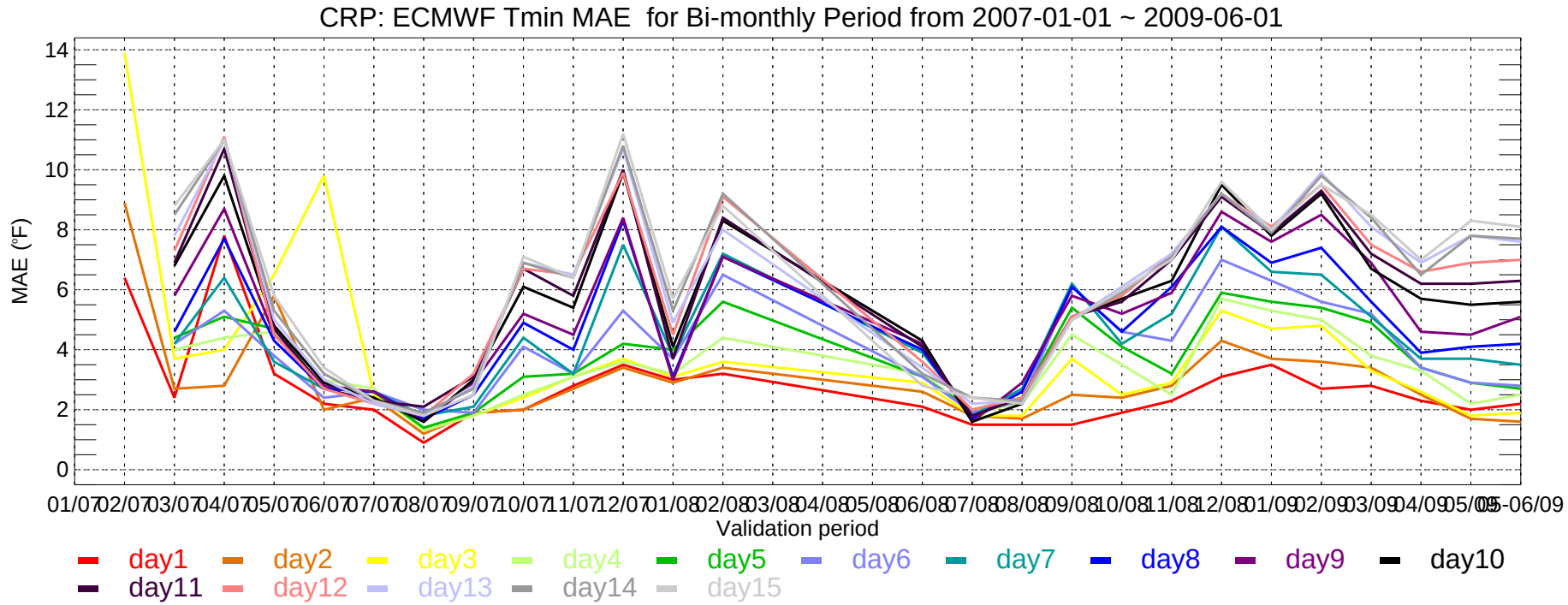

CQT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

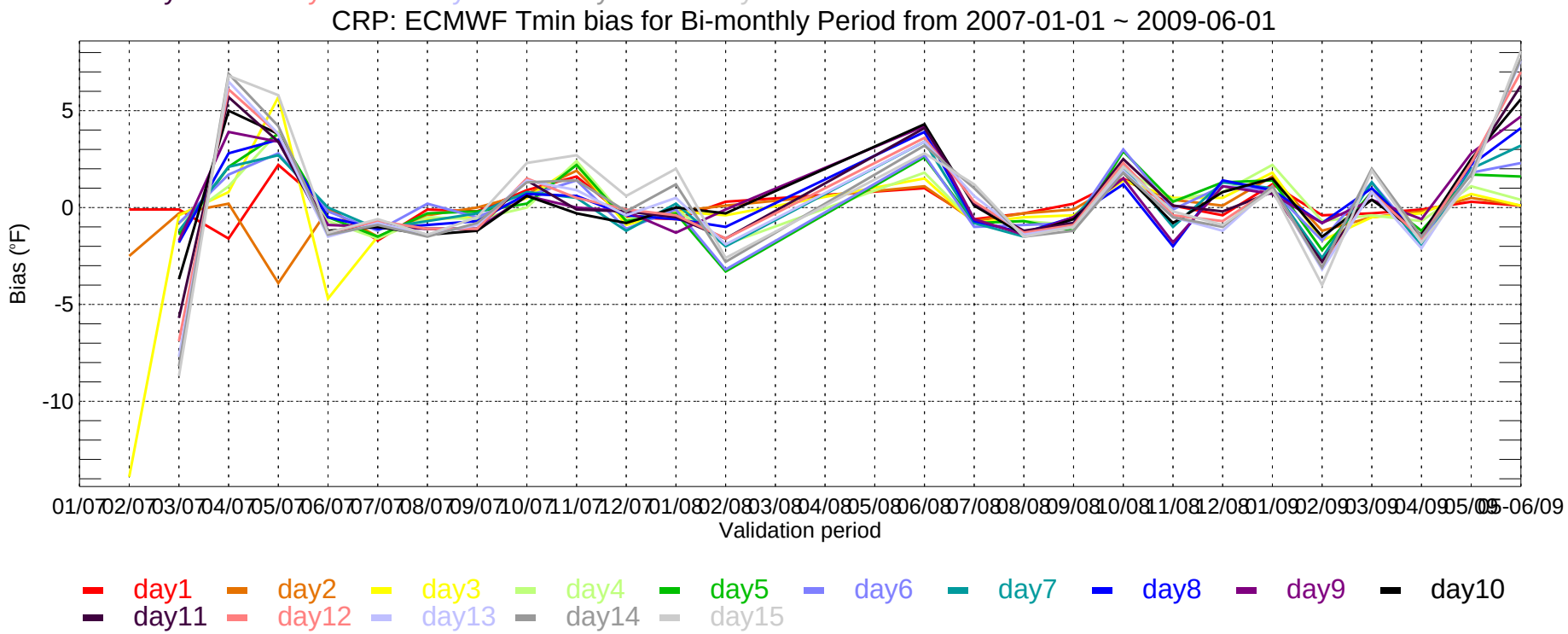

CQT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
5
4
3
2
1
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

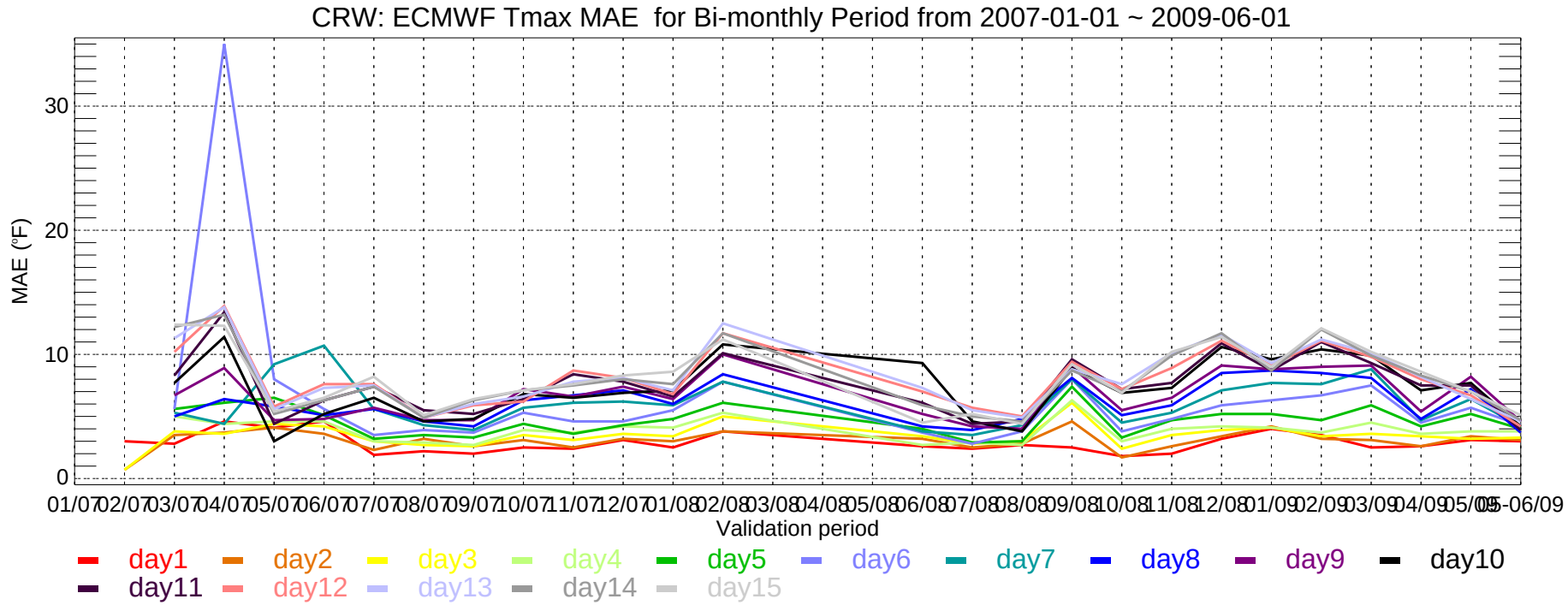

CQT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
3
2
1
0
-1
-2
-3
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

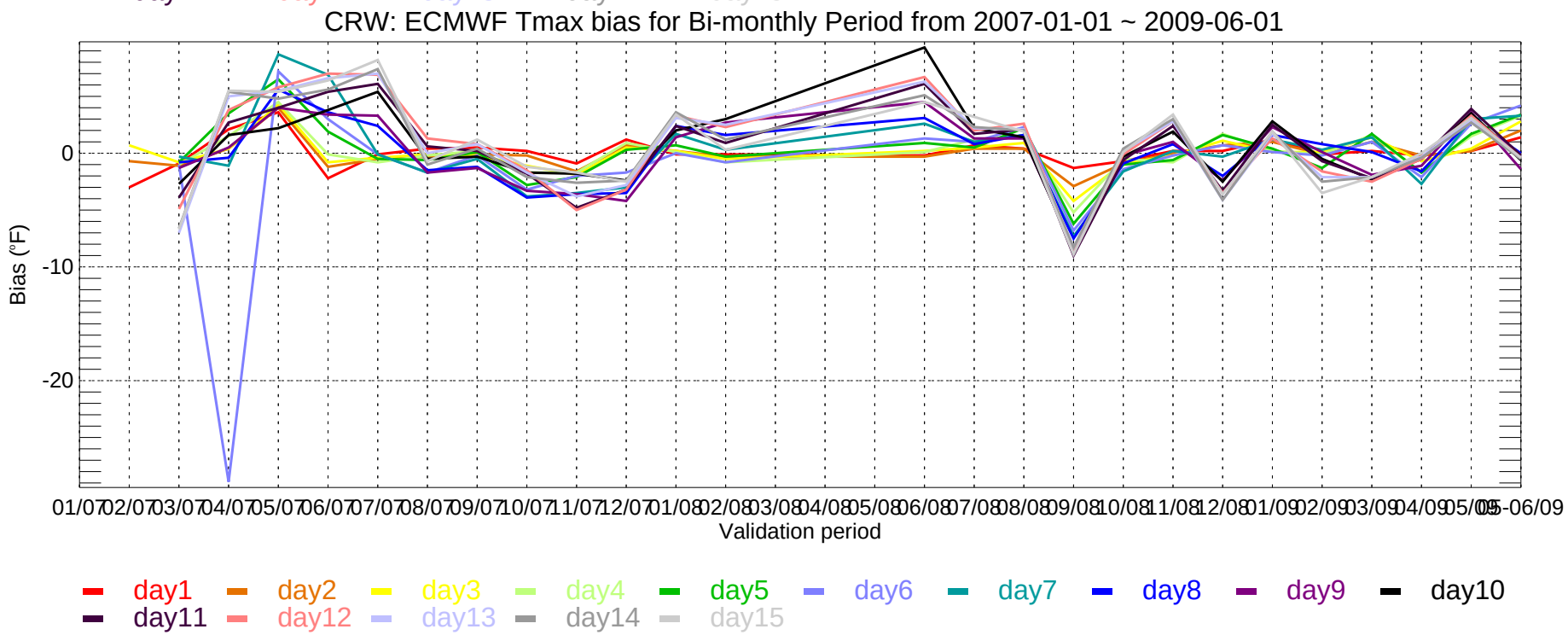

CRP: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

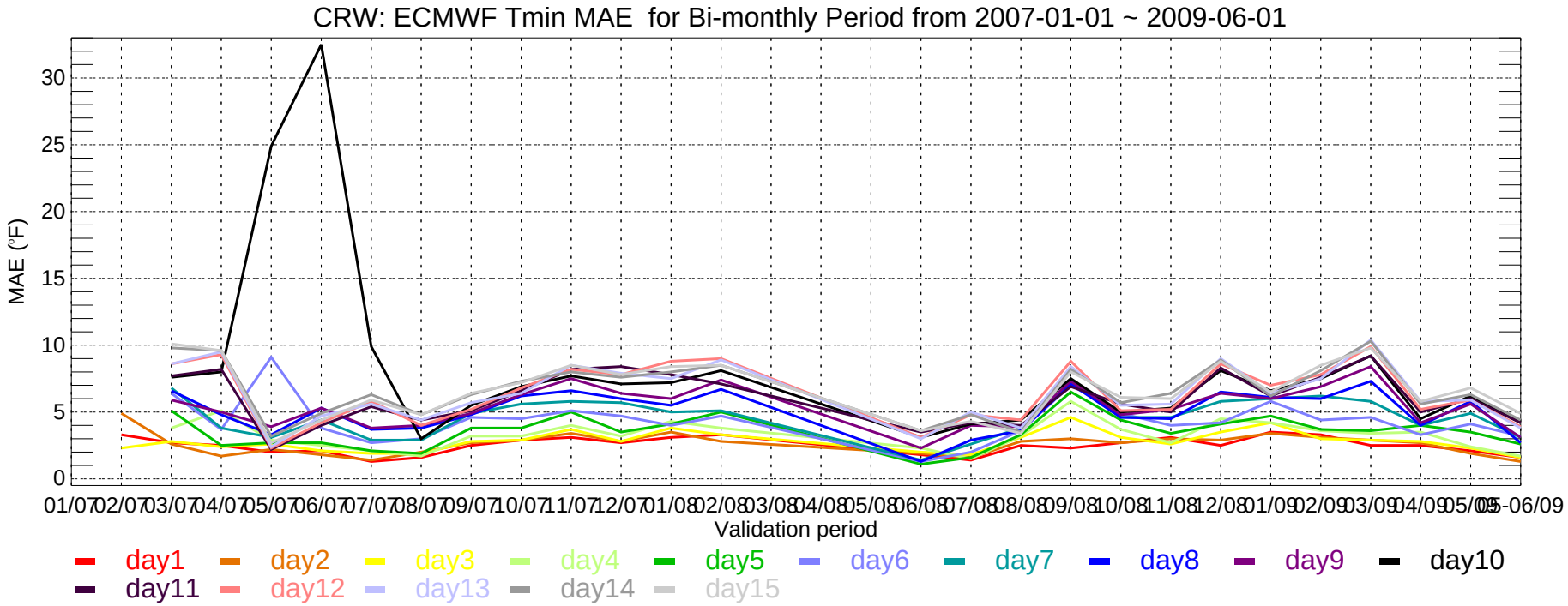

CRP: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

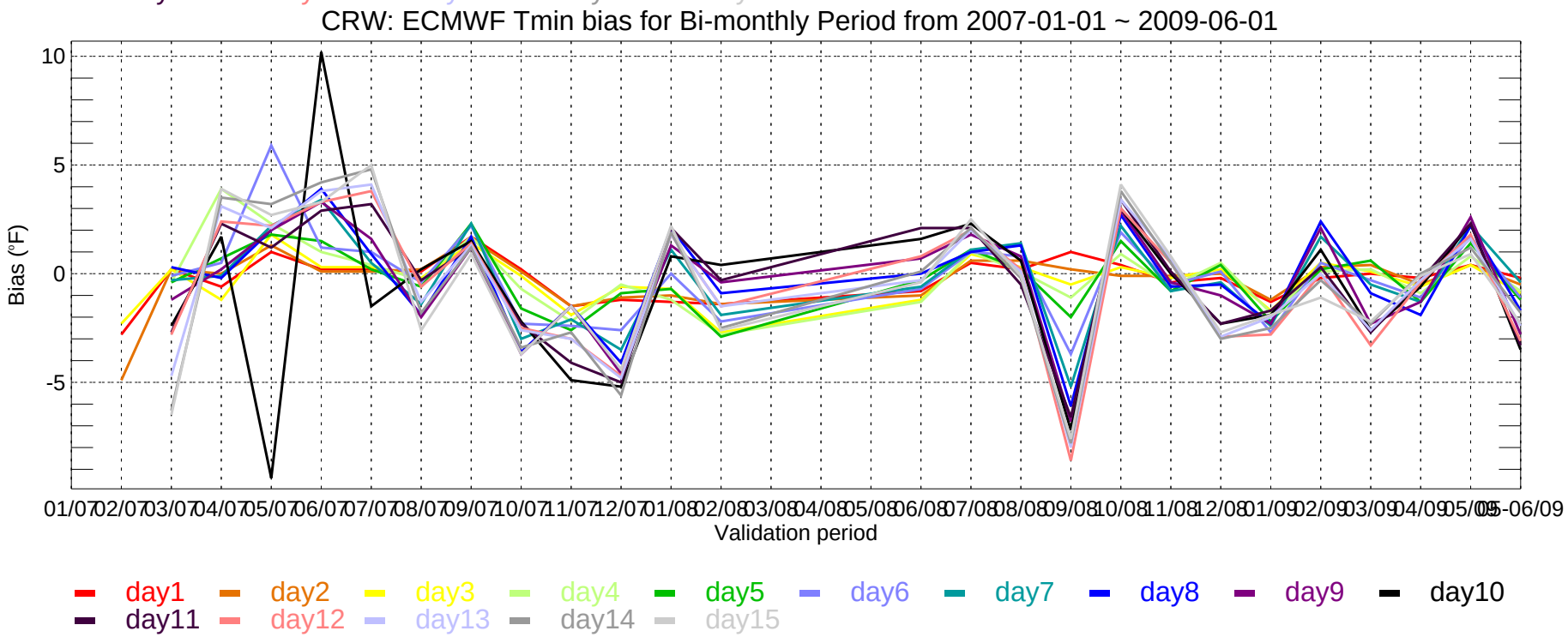

CRP: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

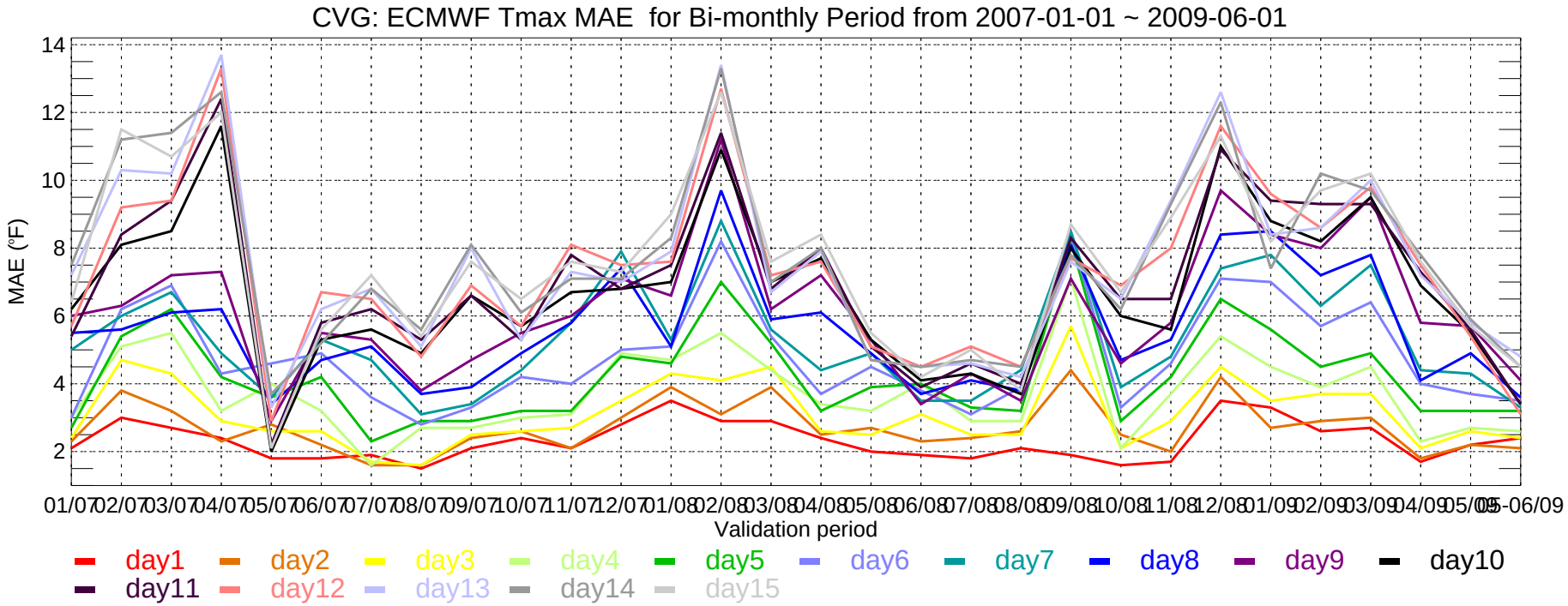

CRP: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

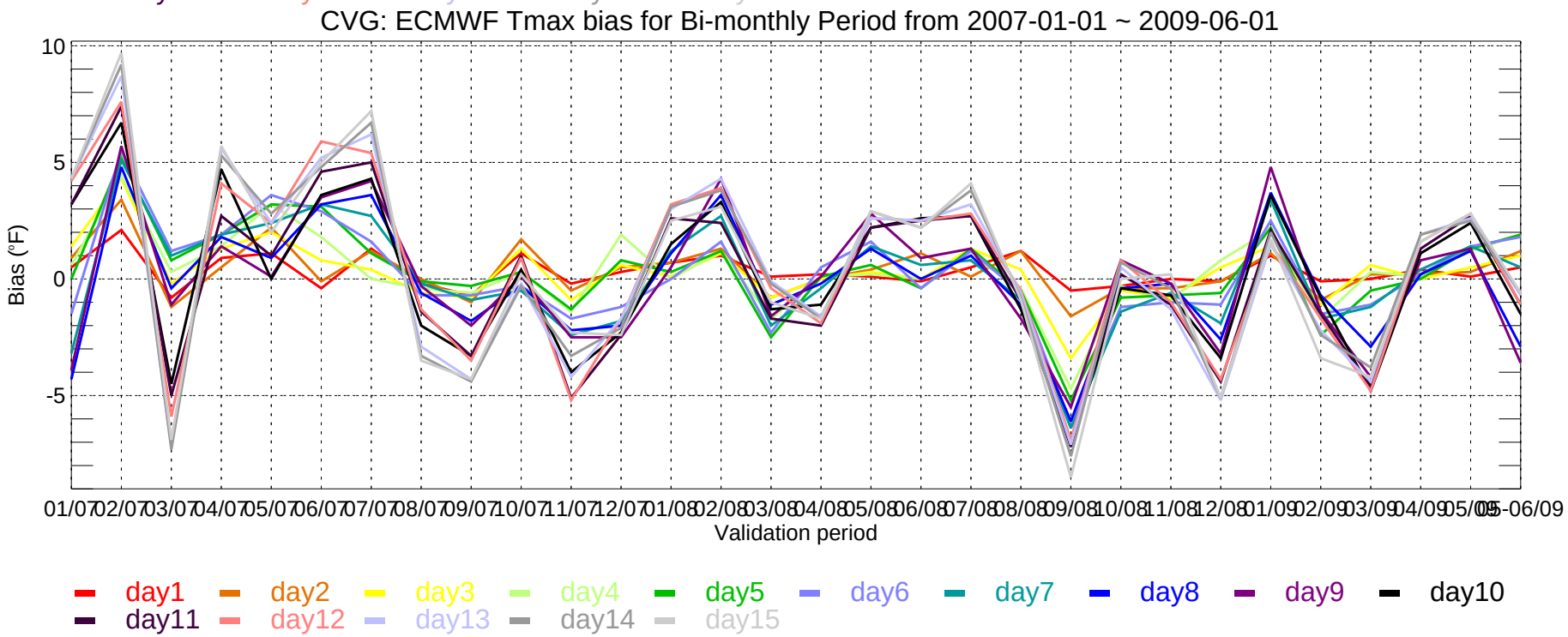

CRW: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
30
20
10
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

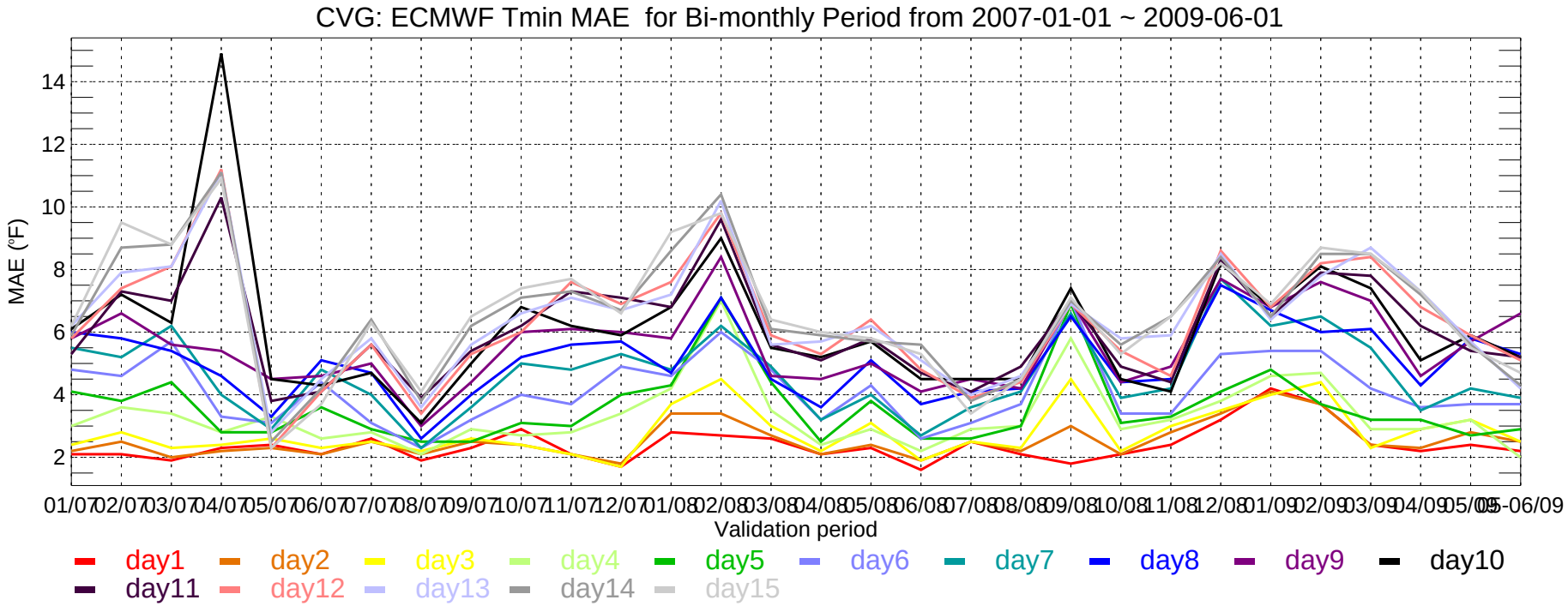

CRW: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
0
-10
-20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

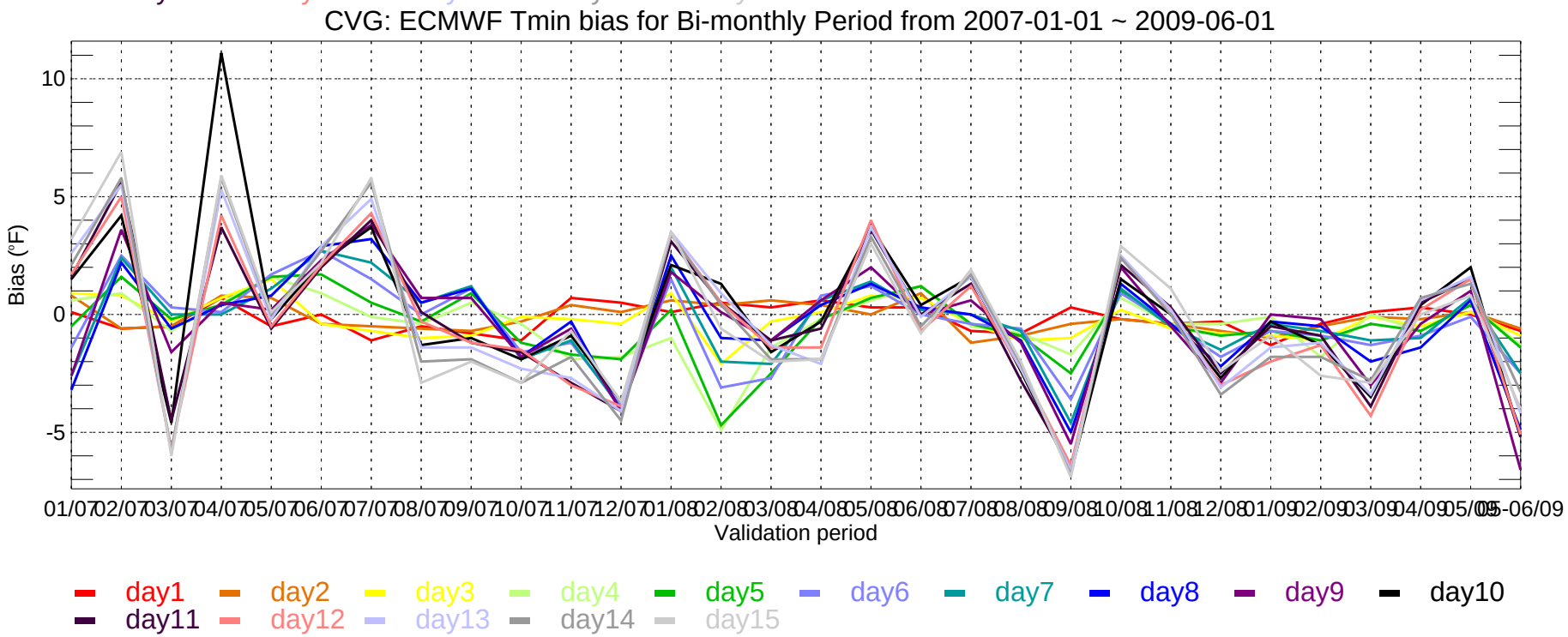

CRW: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
20
25
30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

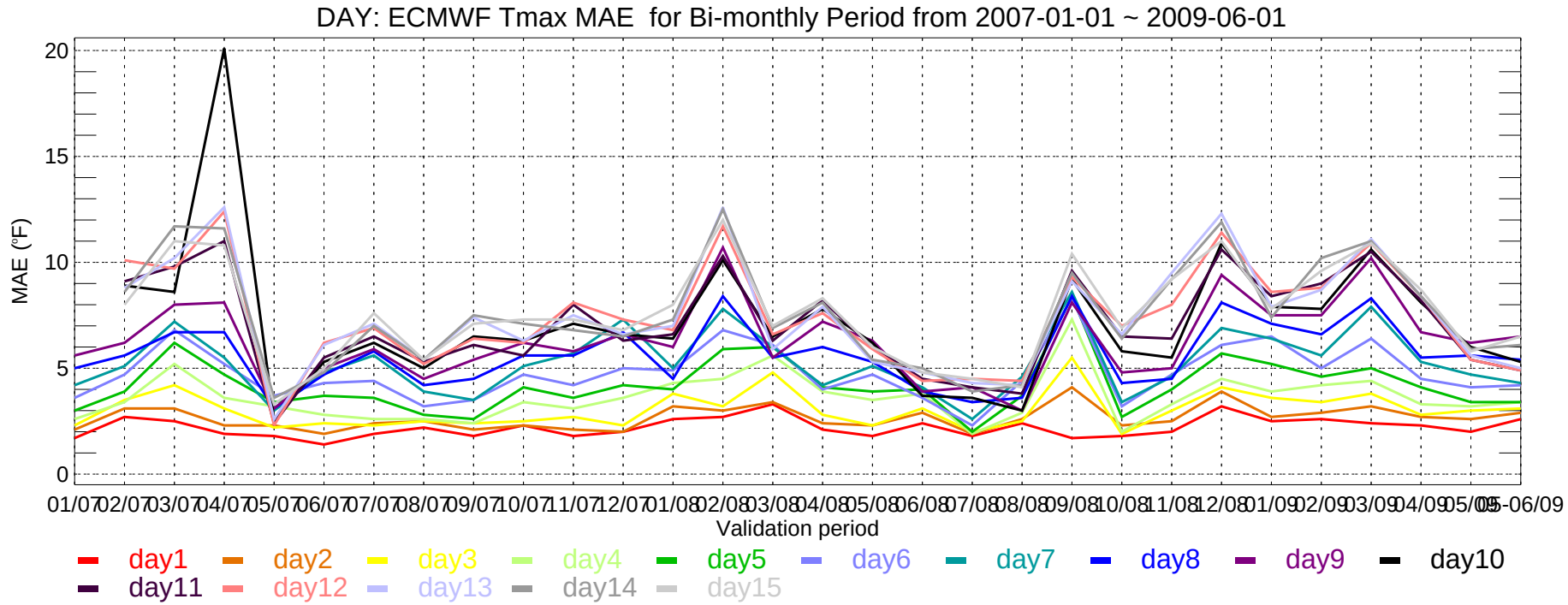

CRW: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

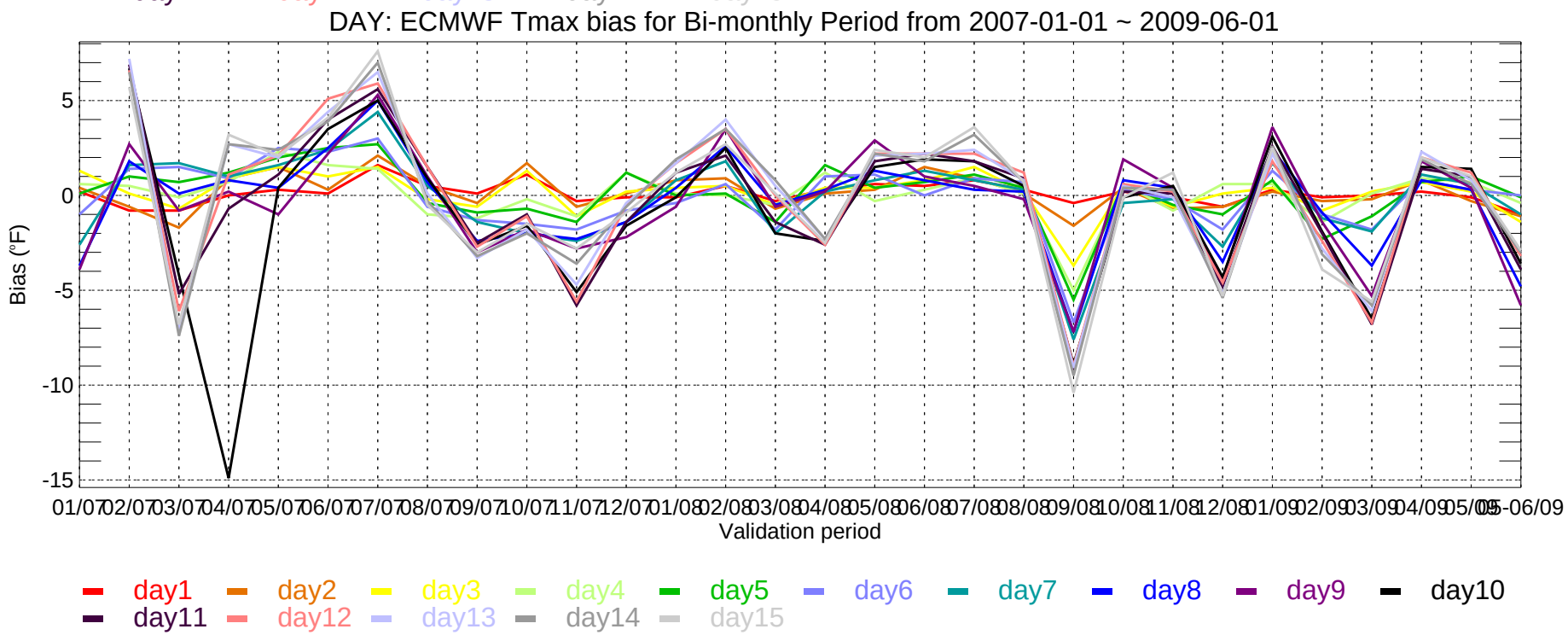

CVG: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
14
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

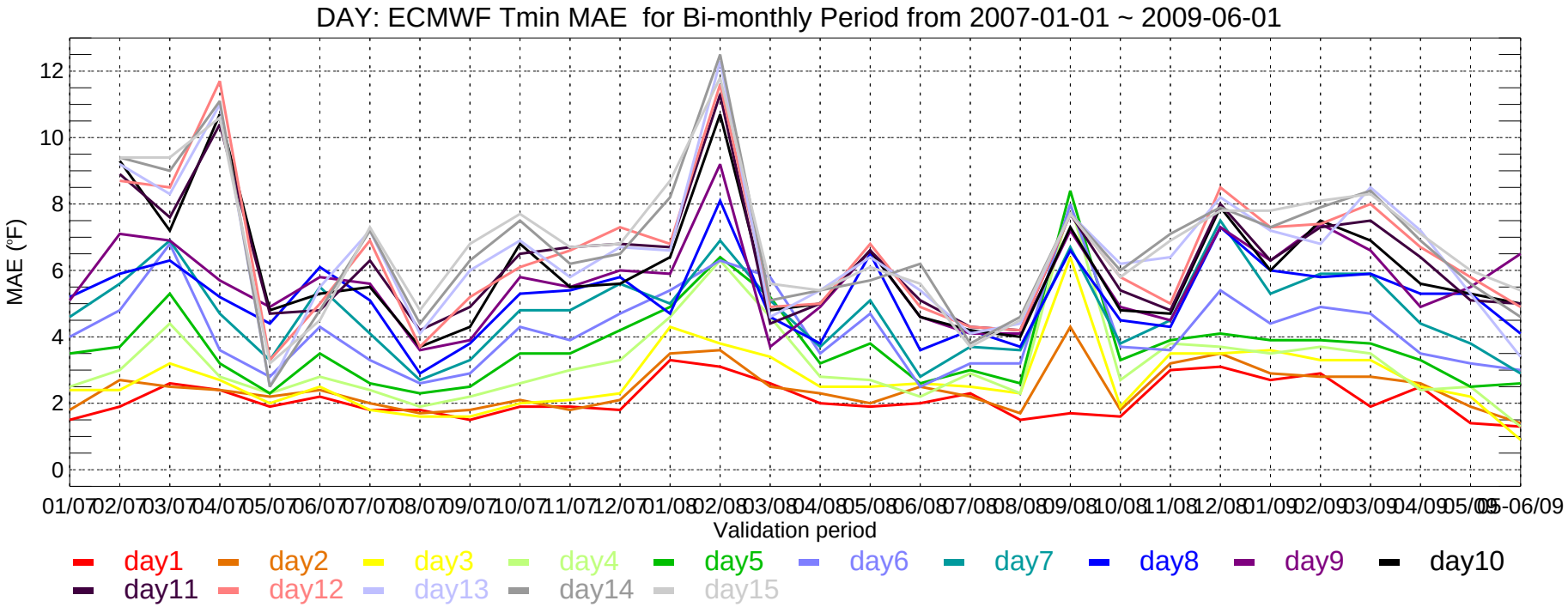

CVG: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

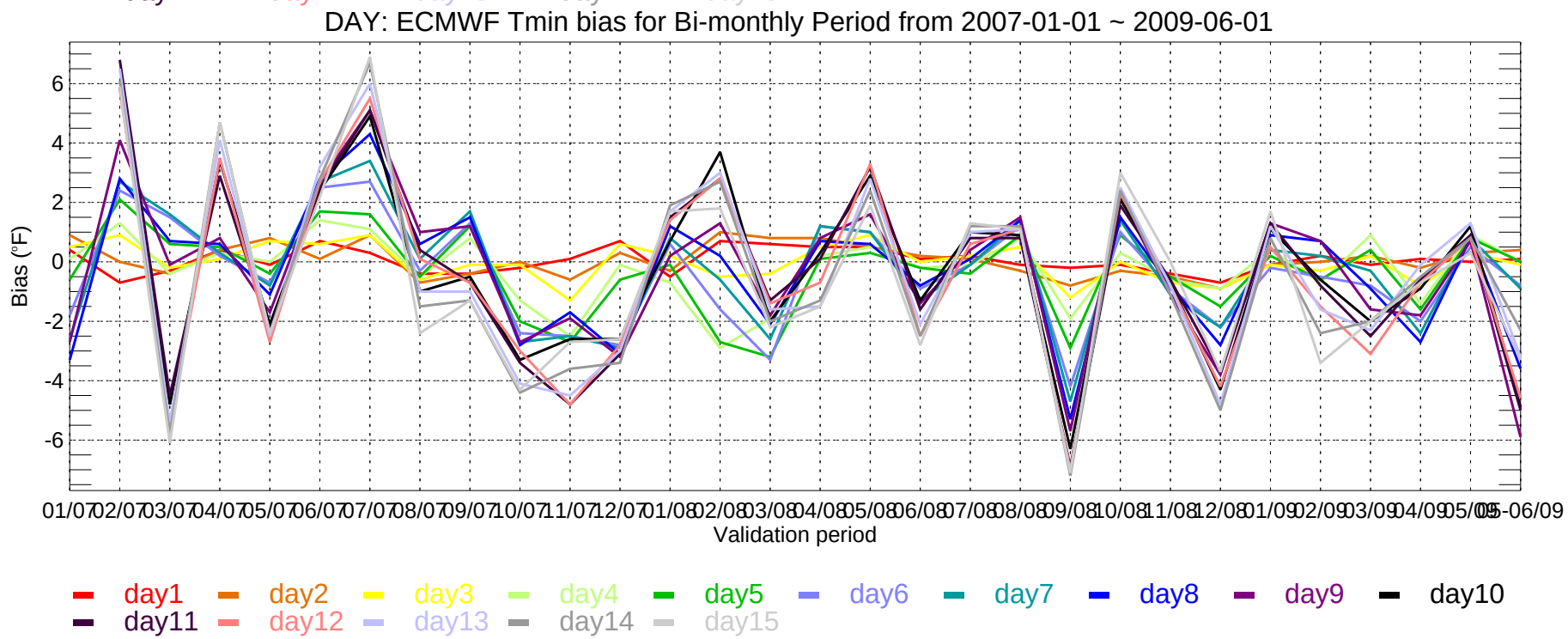

CVG: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
14
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

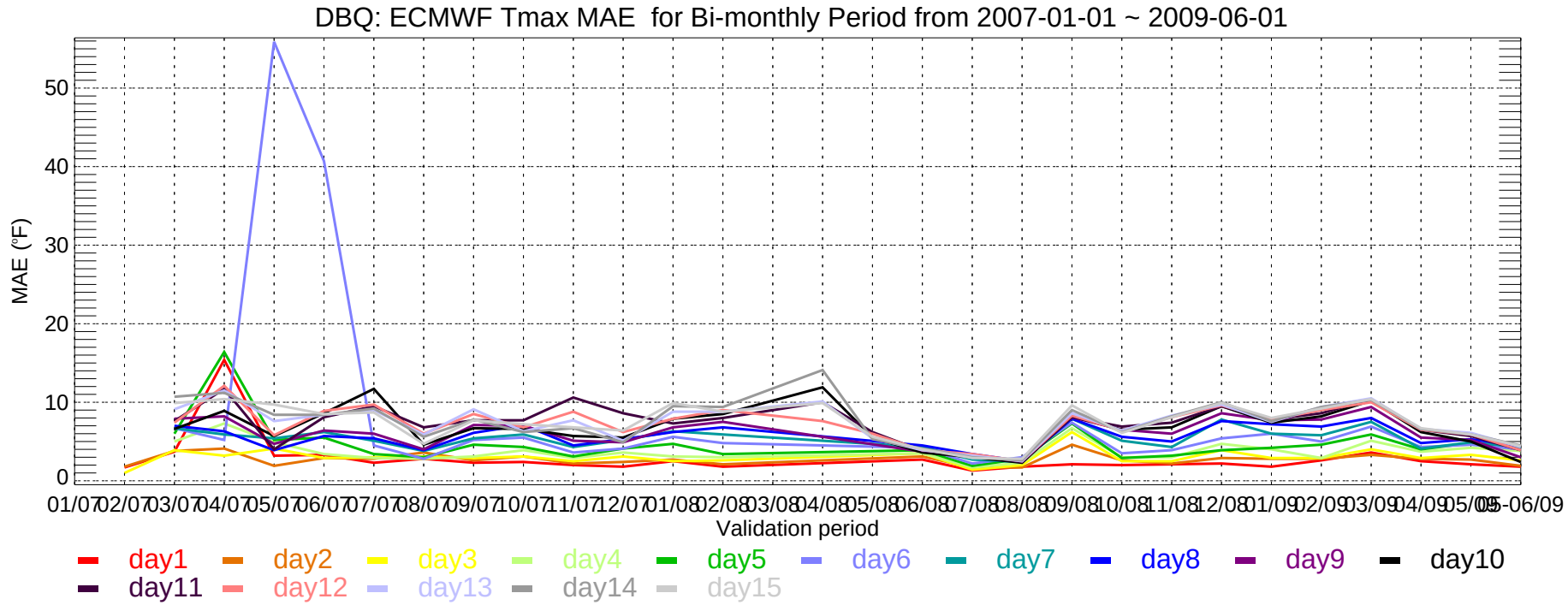

CVG: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

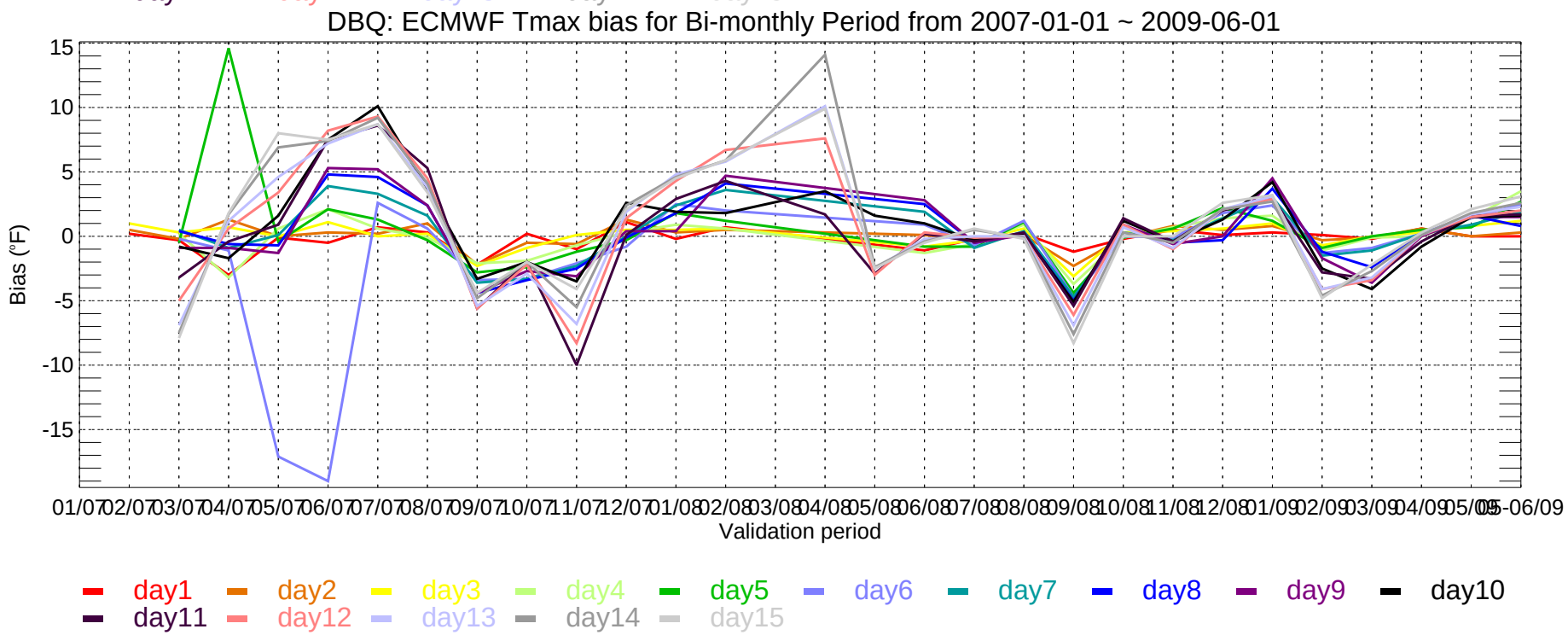

DAY: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

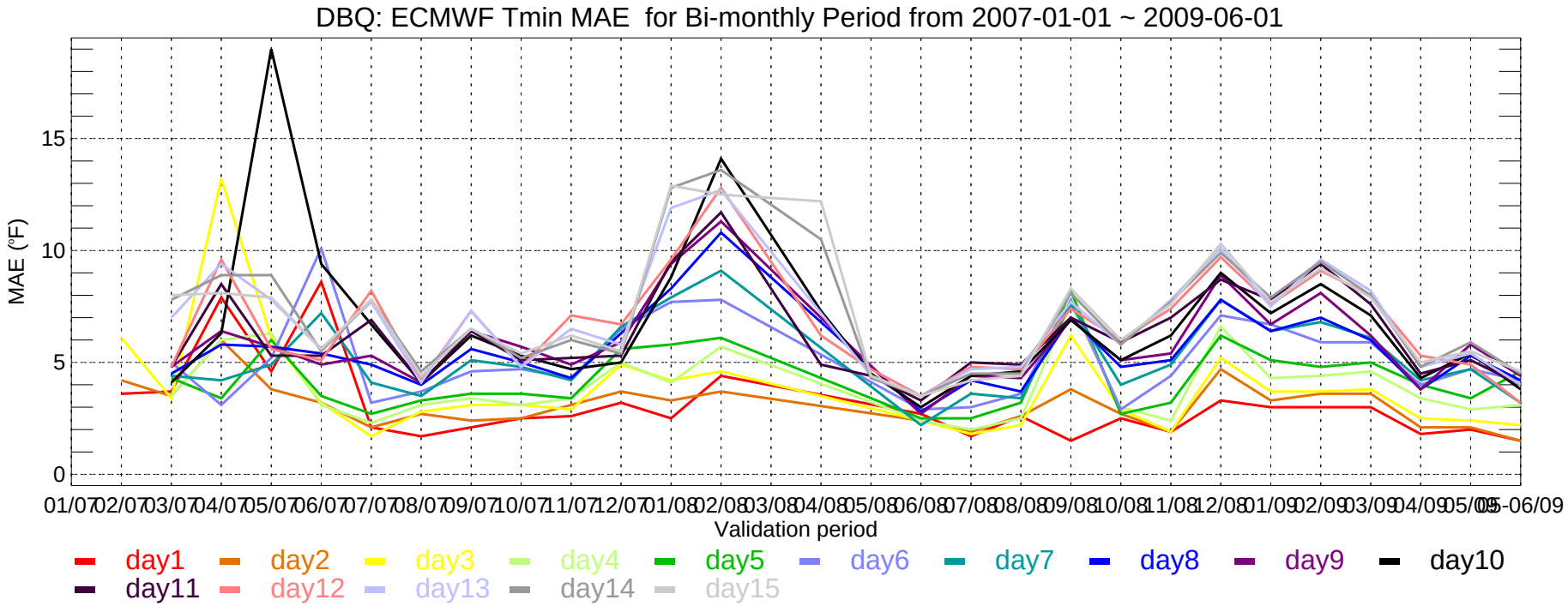

DAY: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

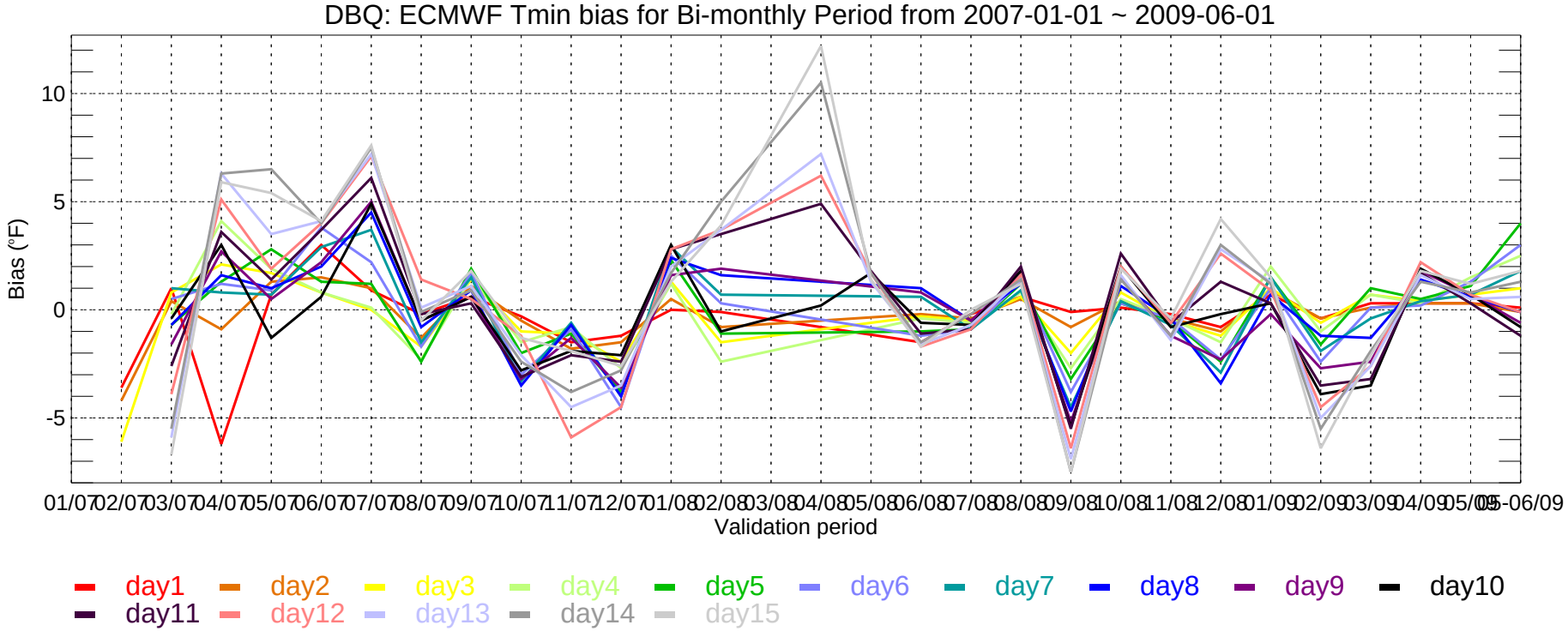

DAY: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

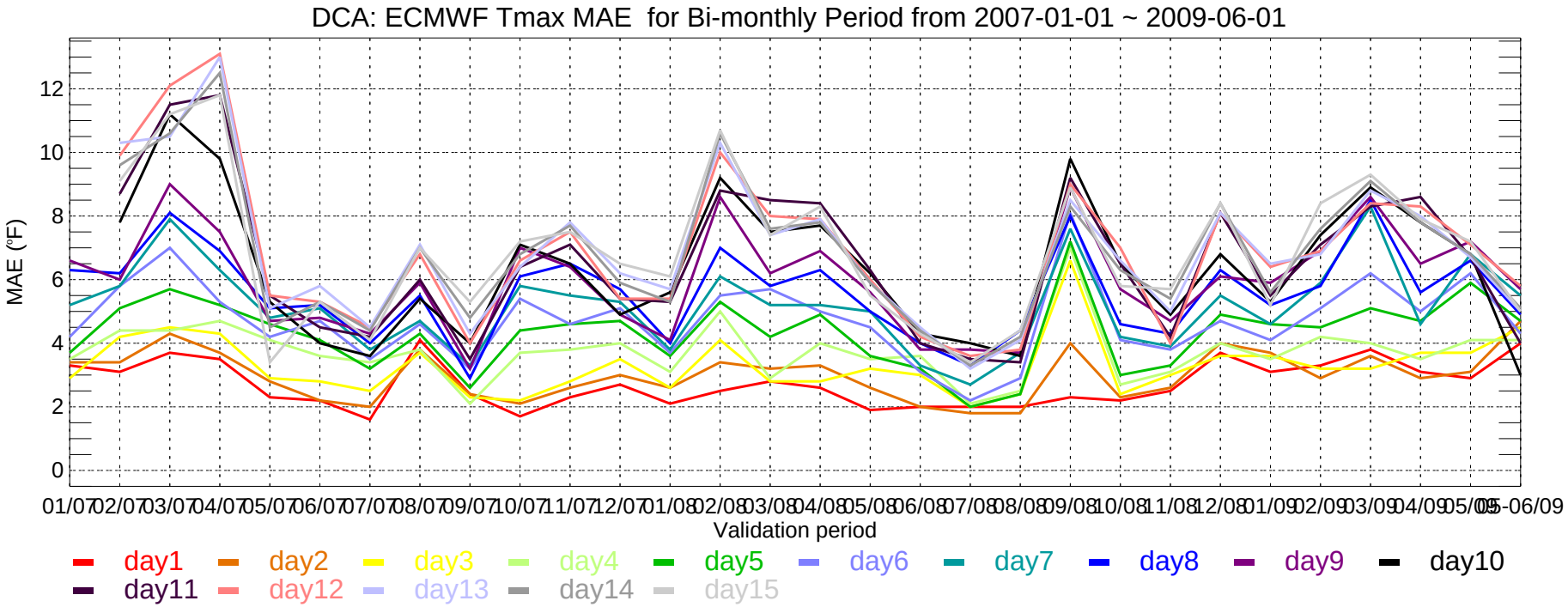

DAY: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

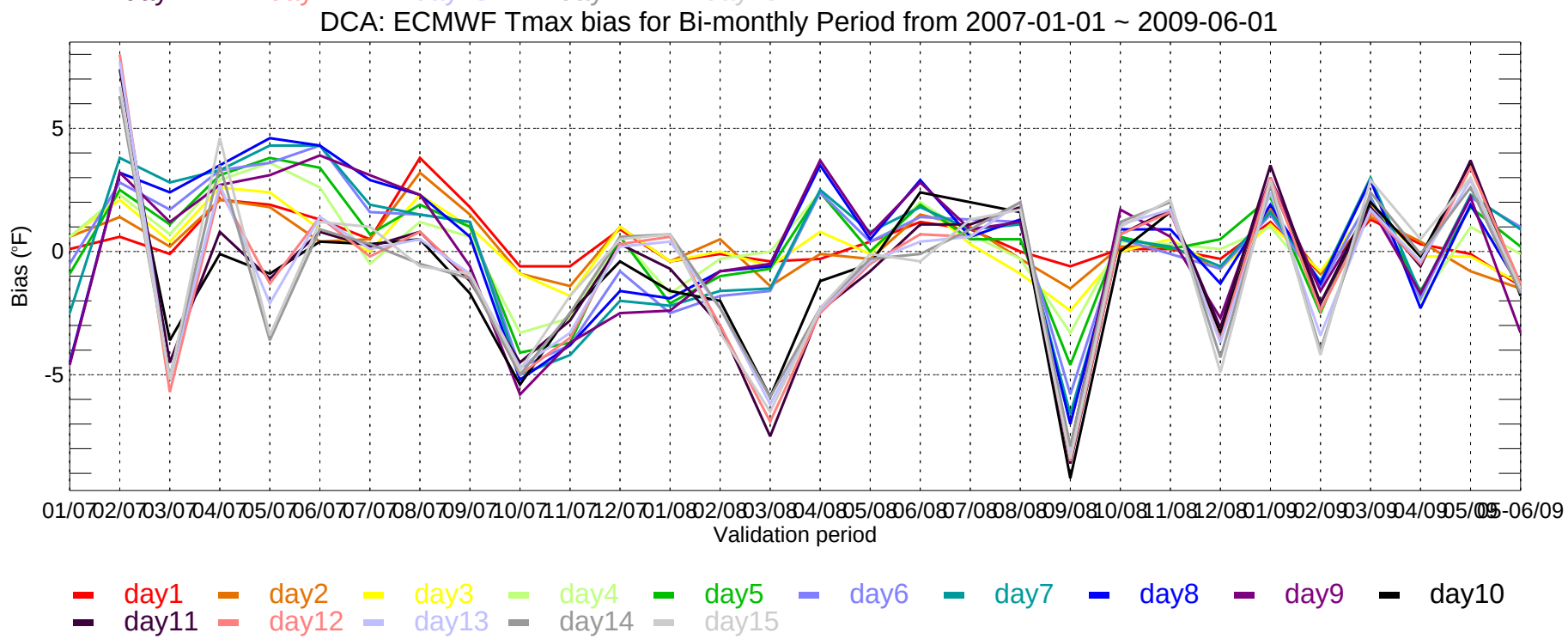

DBQ: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
50
40
30
20
10
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

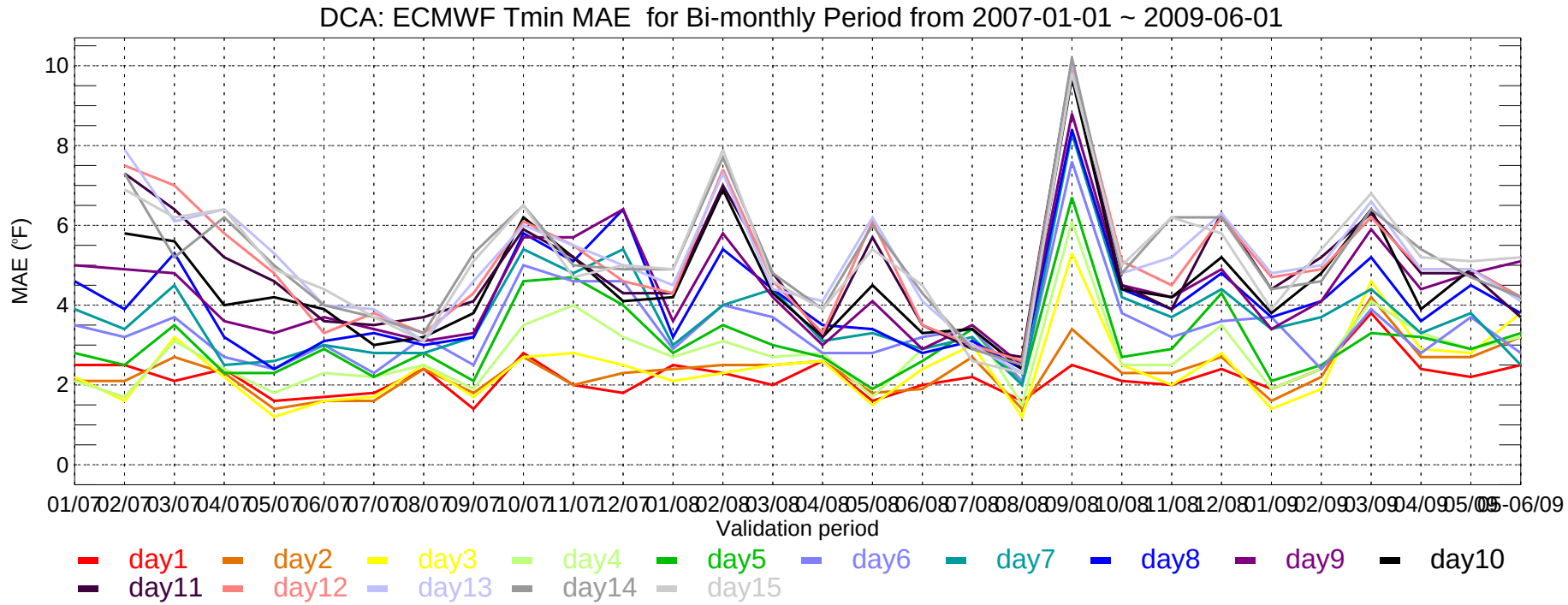

DBQ: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
15
10
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

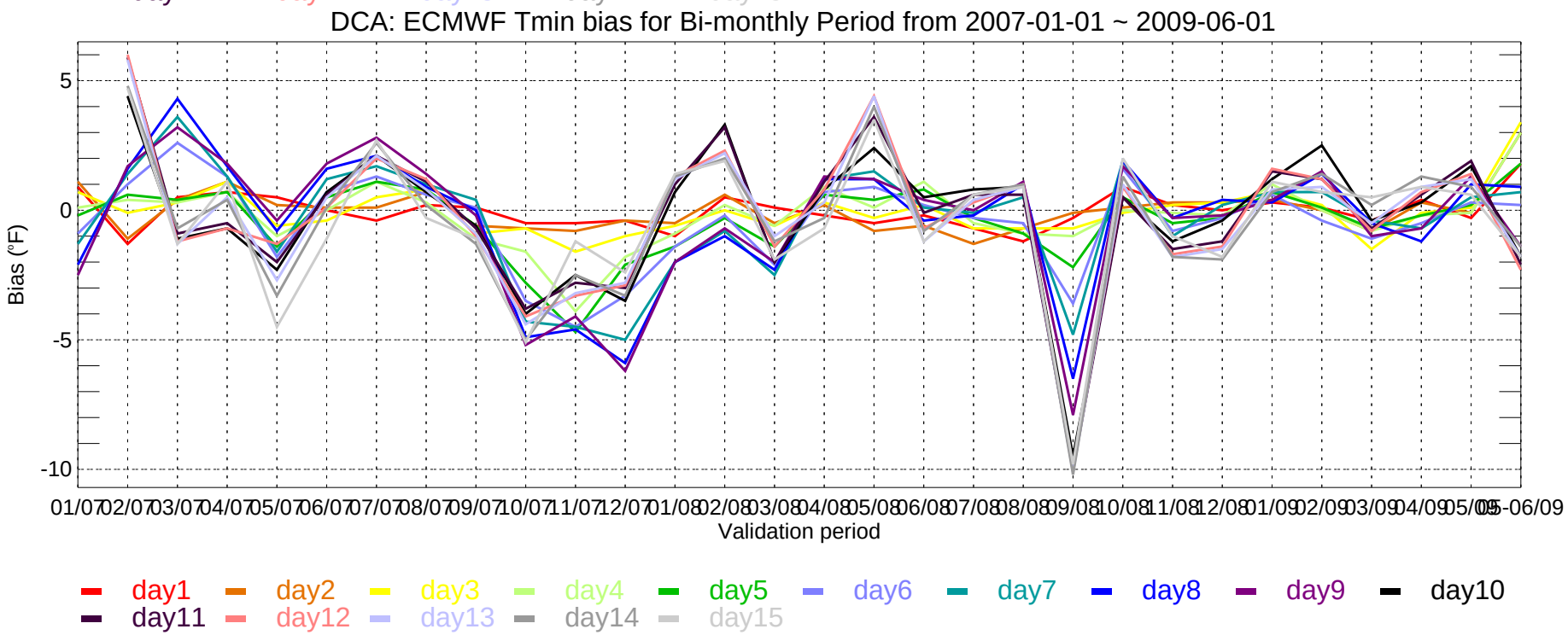

DBQ: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

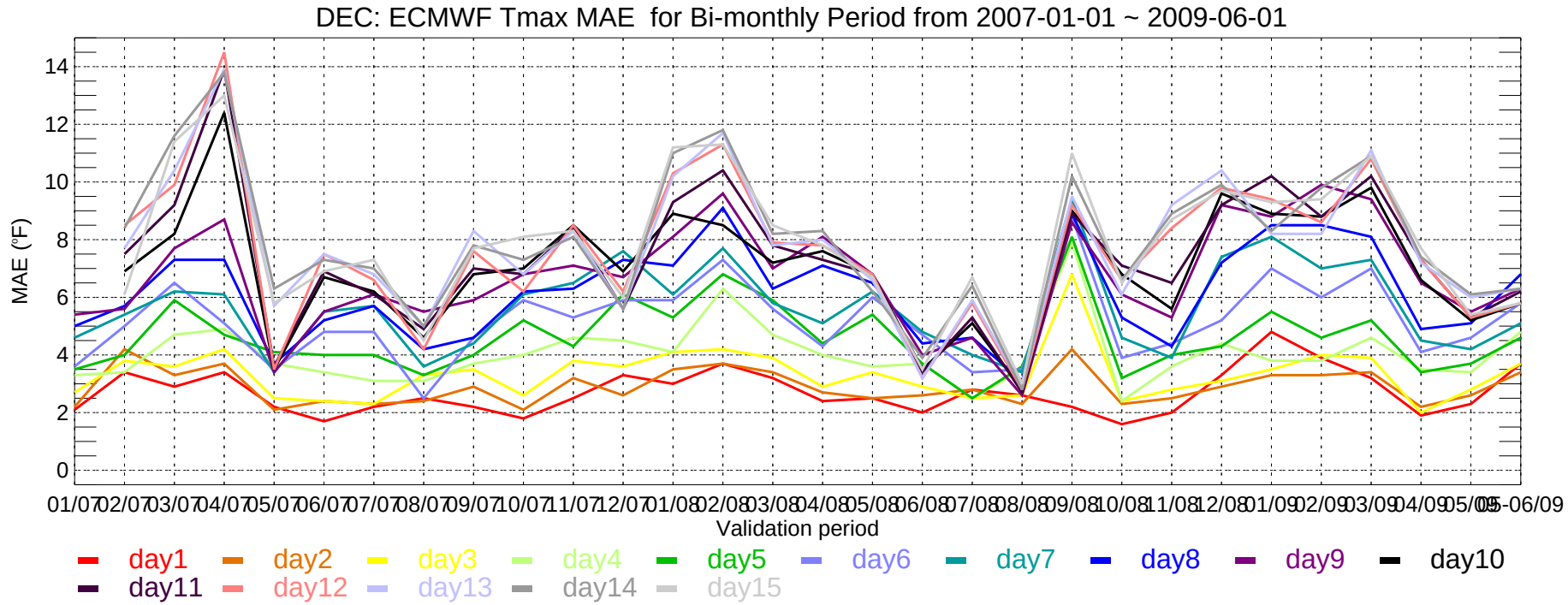

DBQ: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

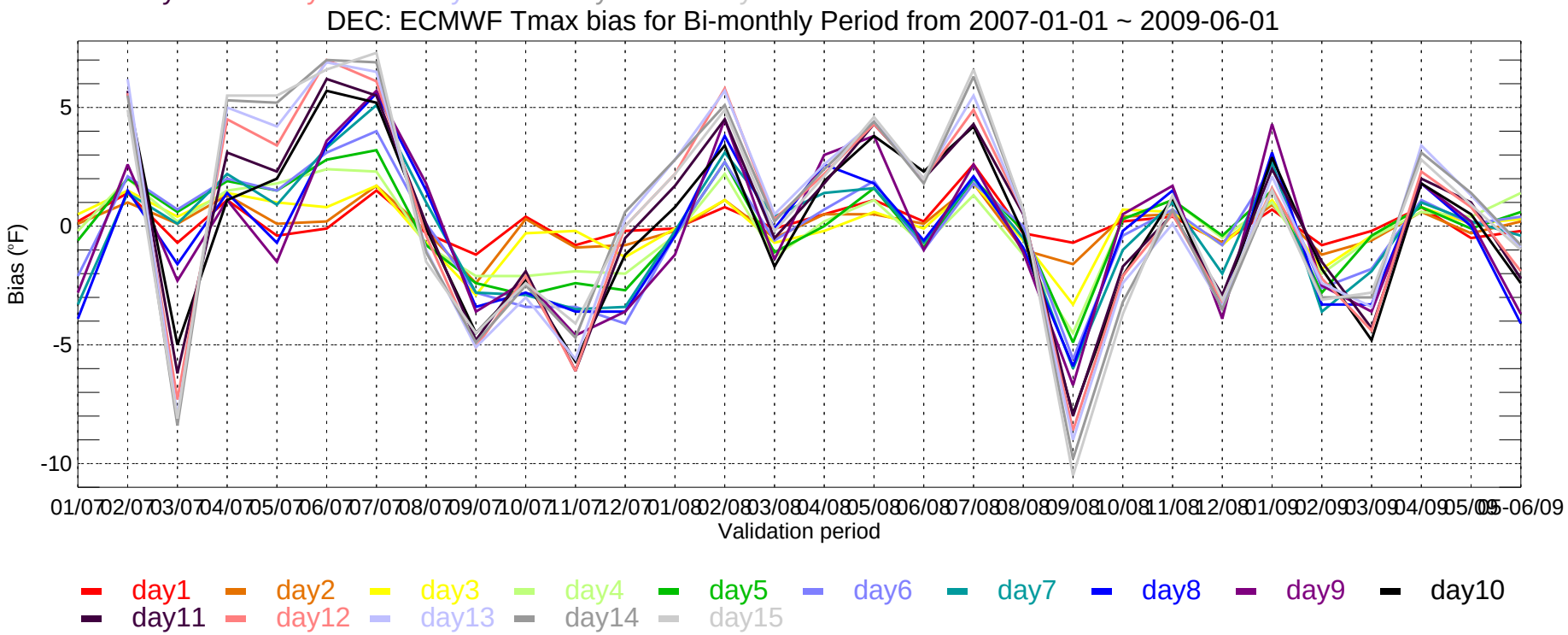

DCA: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

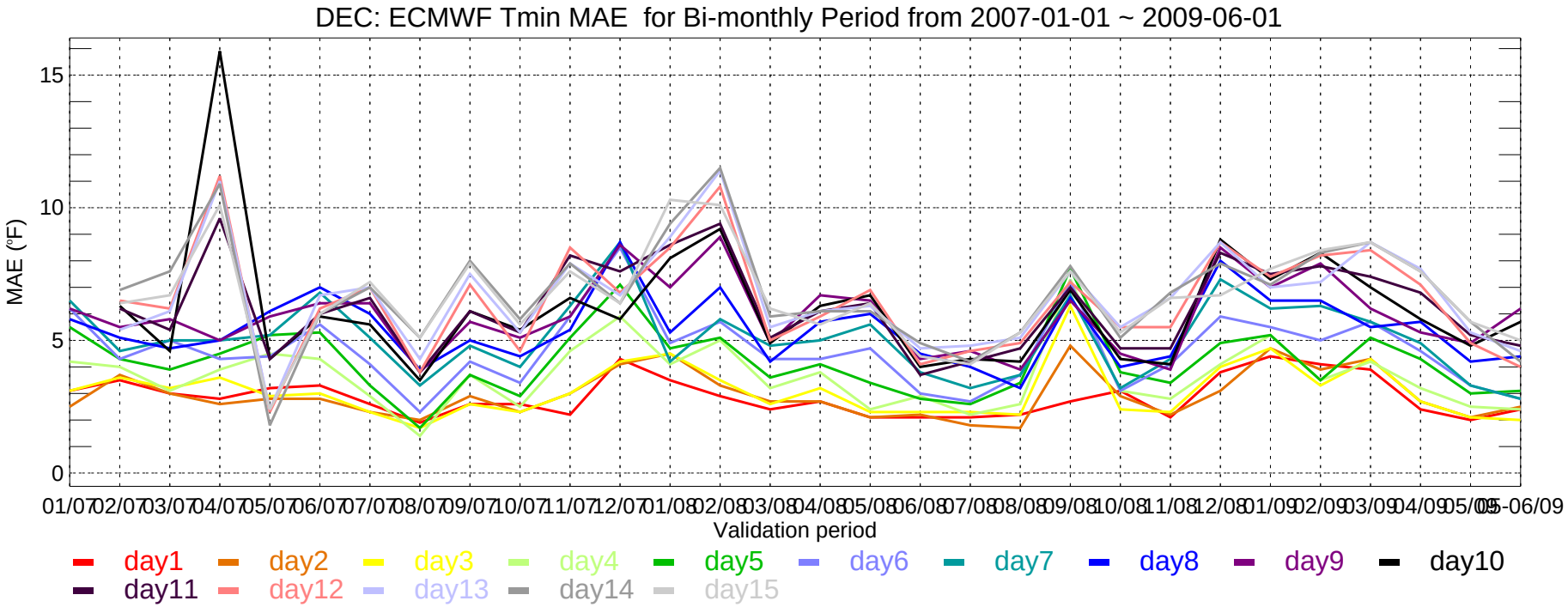

DCA: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

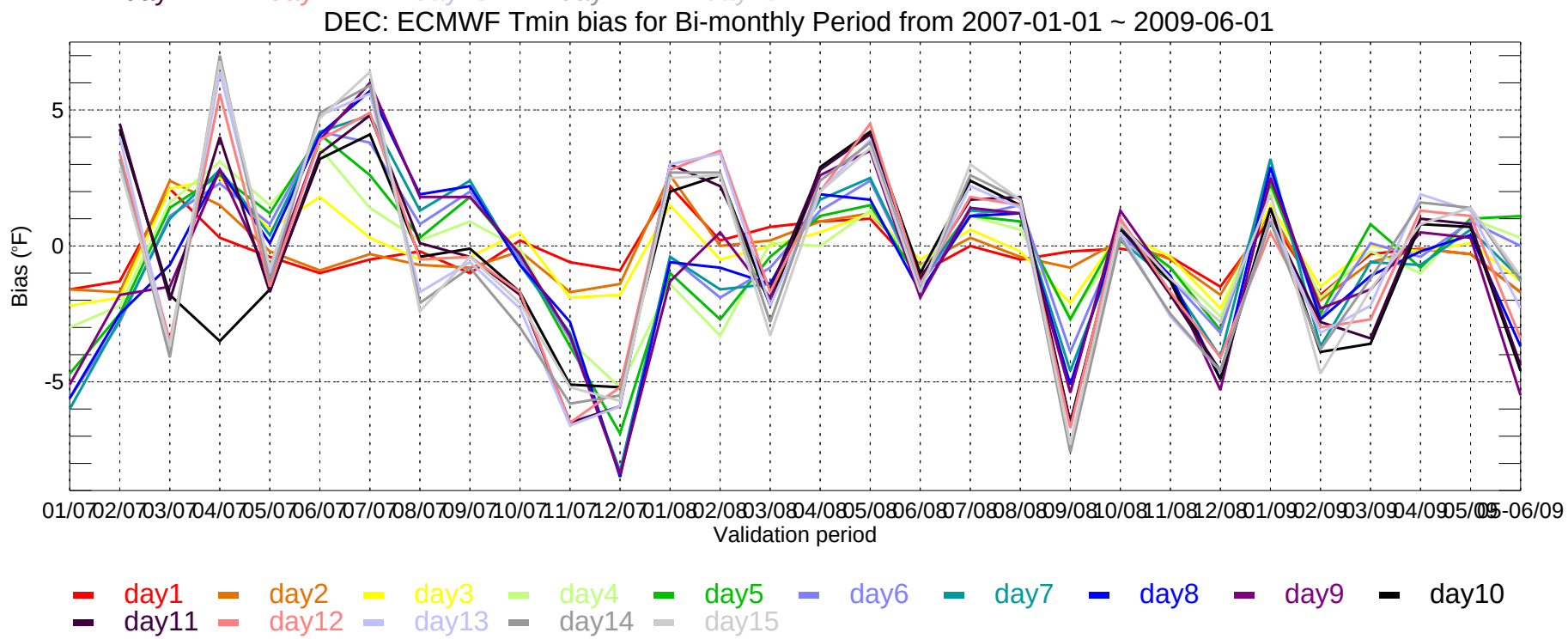

DCA: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

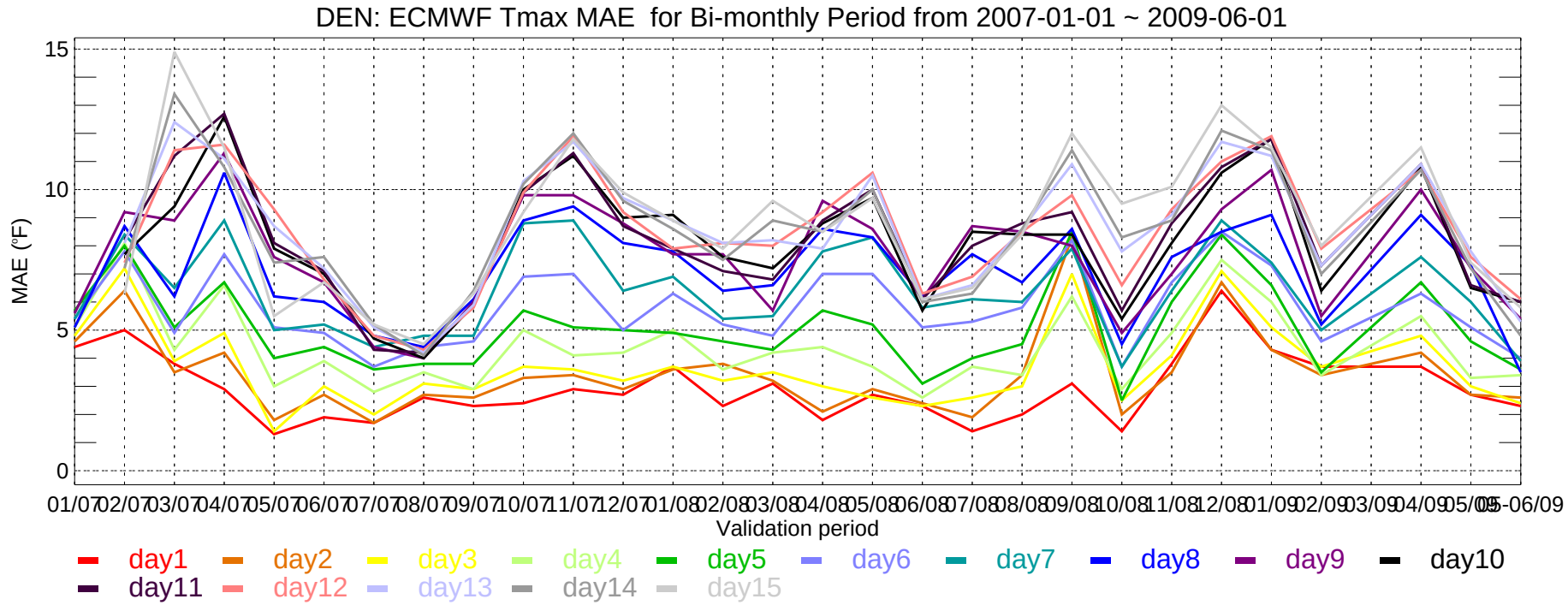

DCA: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

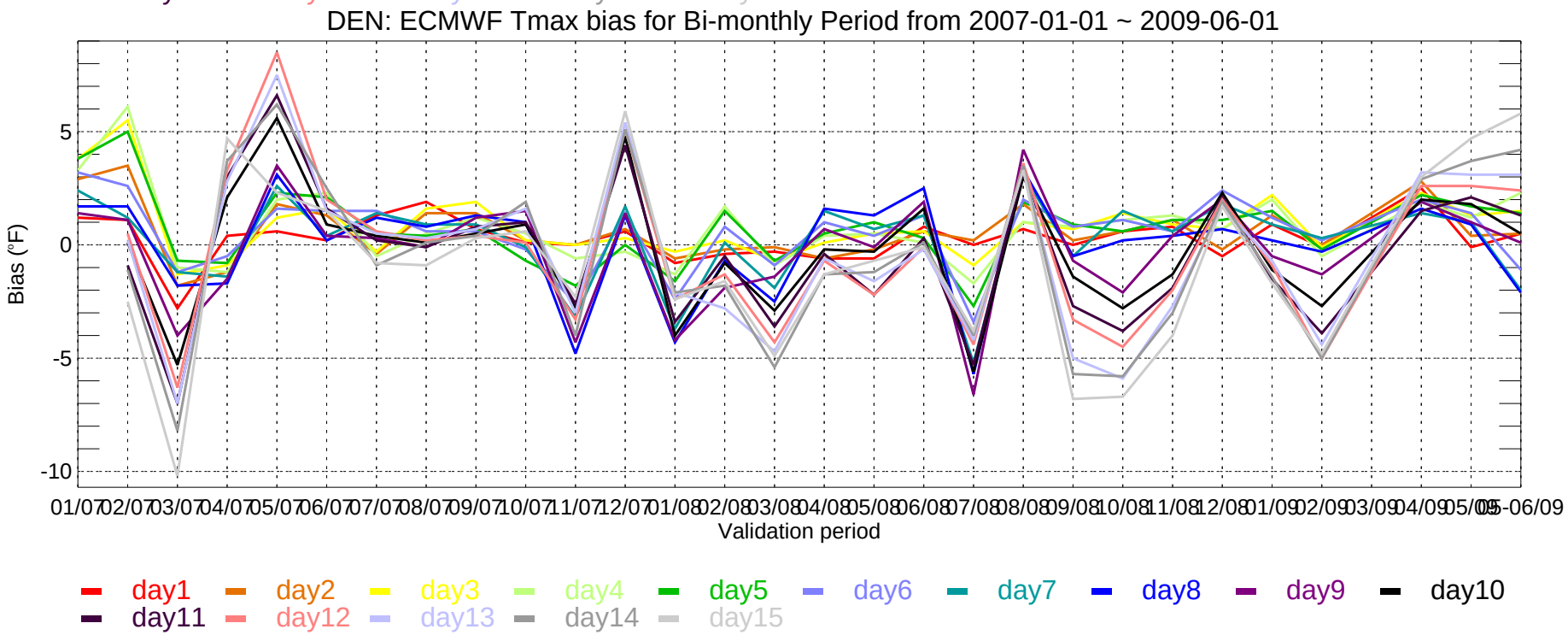

DEC: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

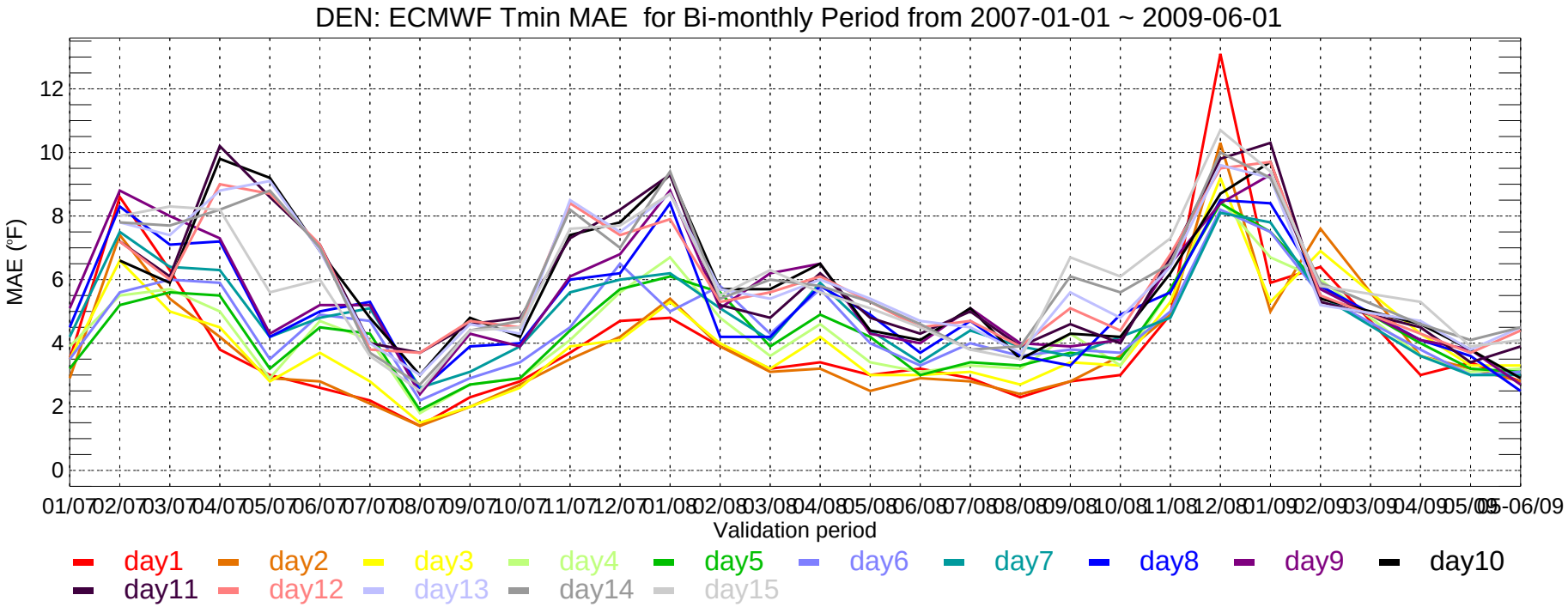

DEC: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

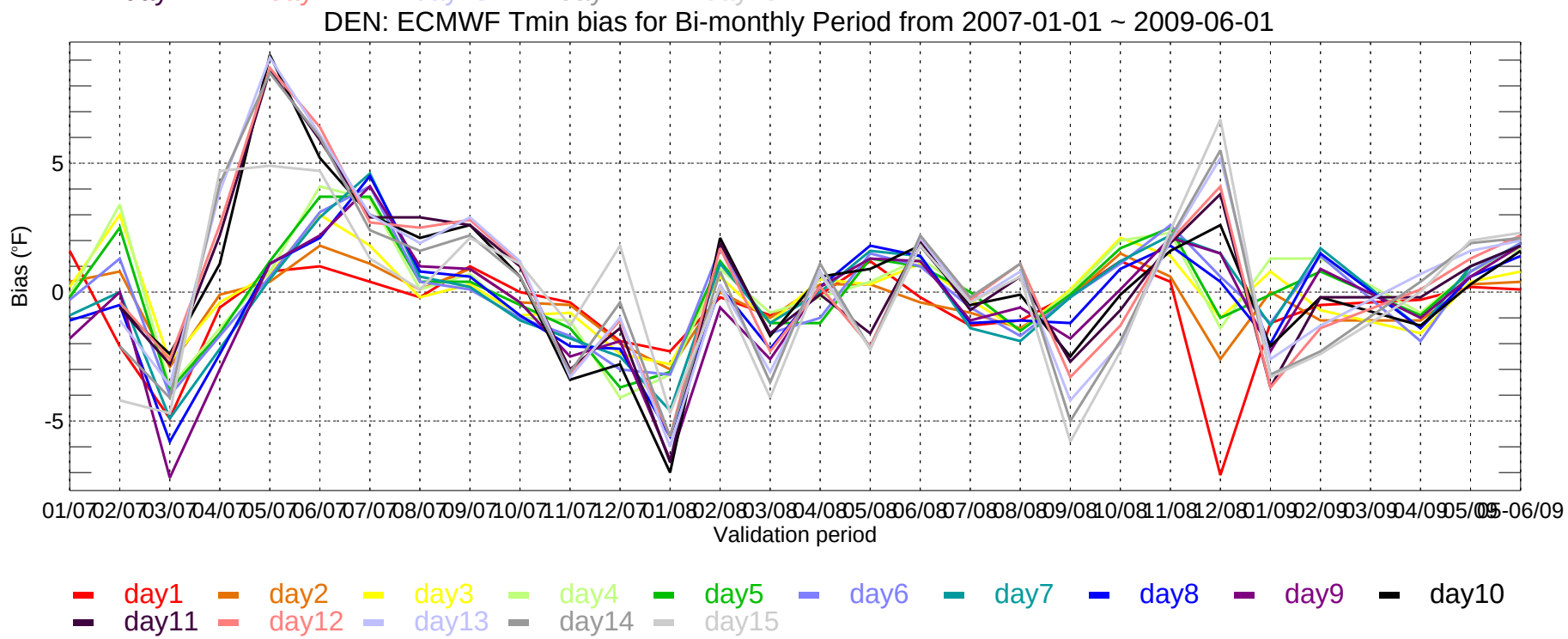

DEC: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

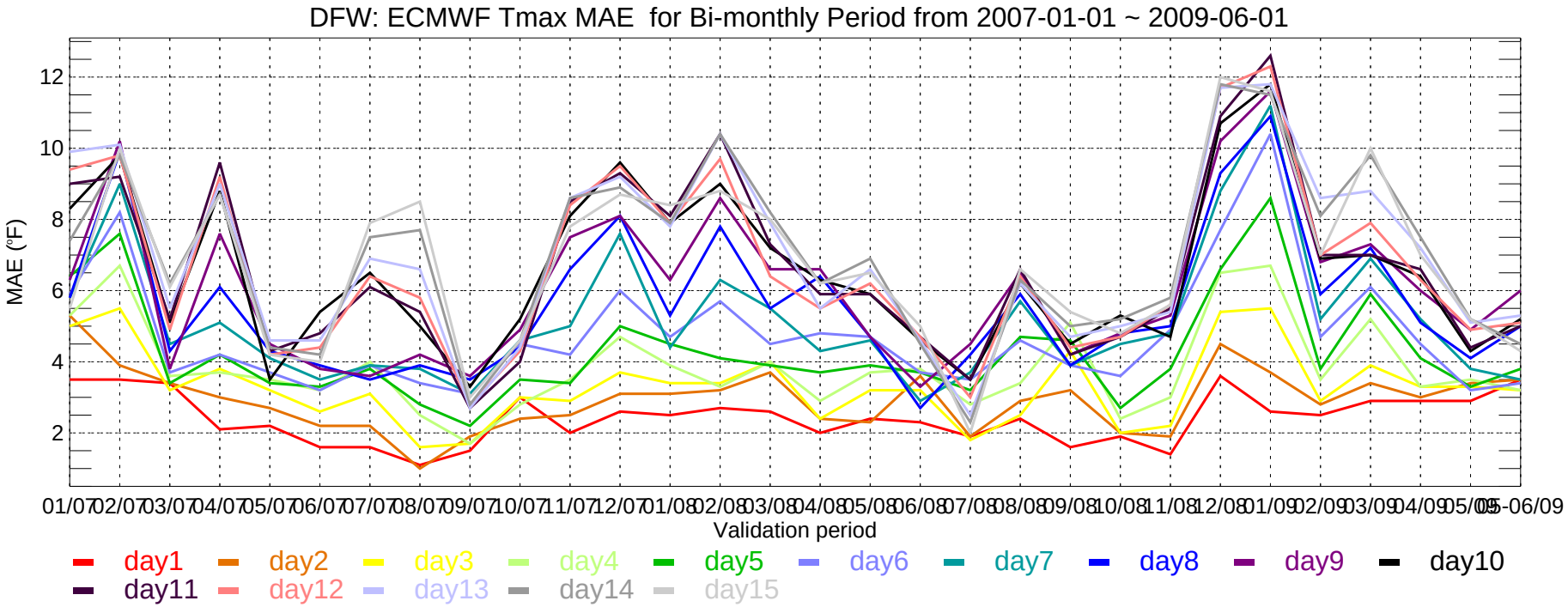

DEC: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

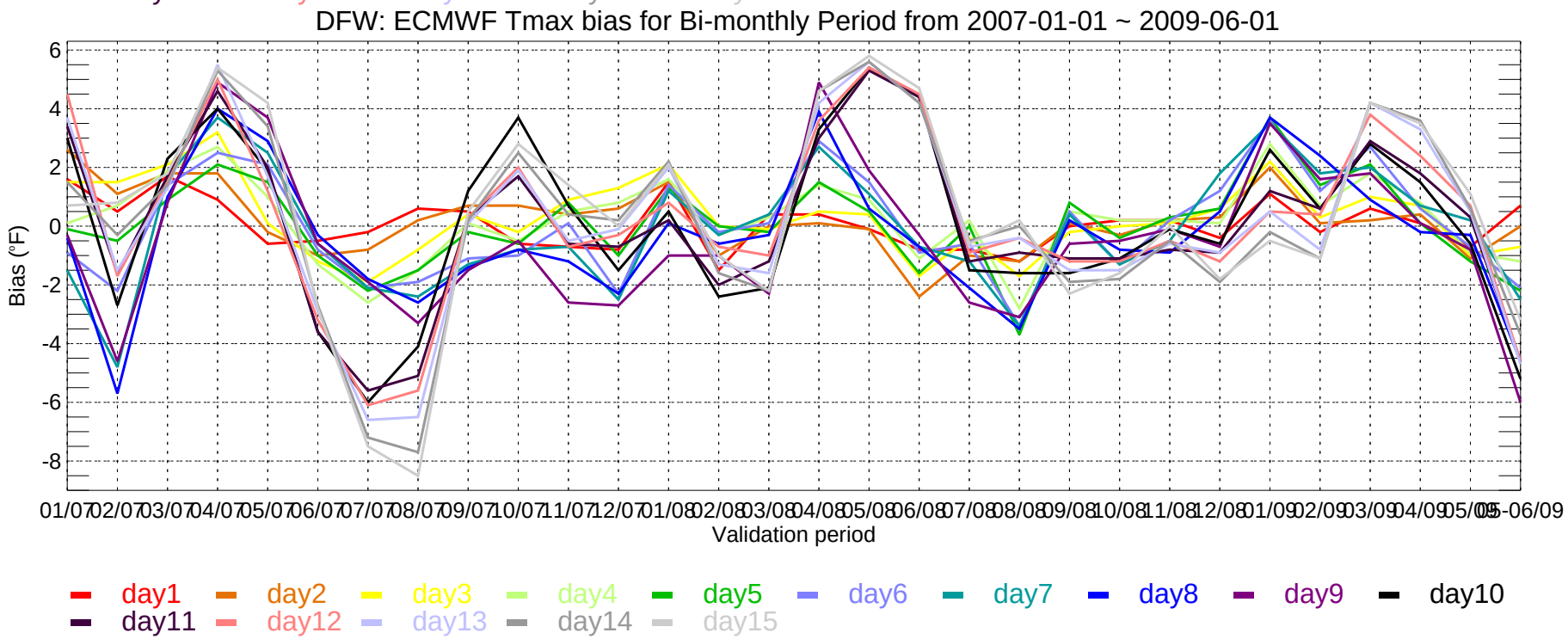

DEN: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

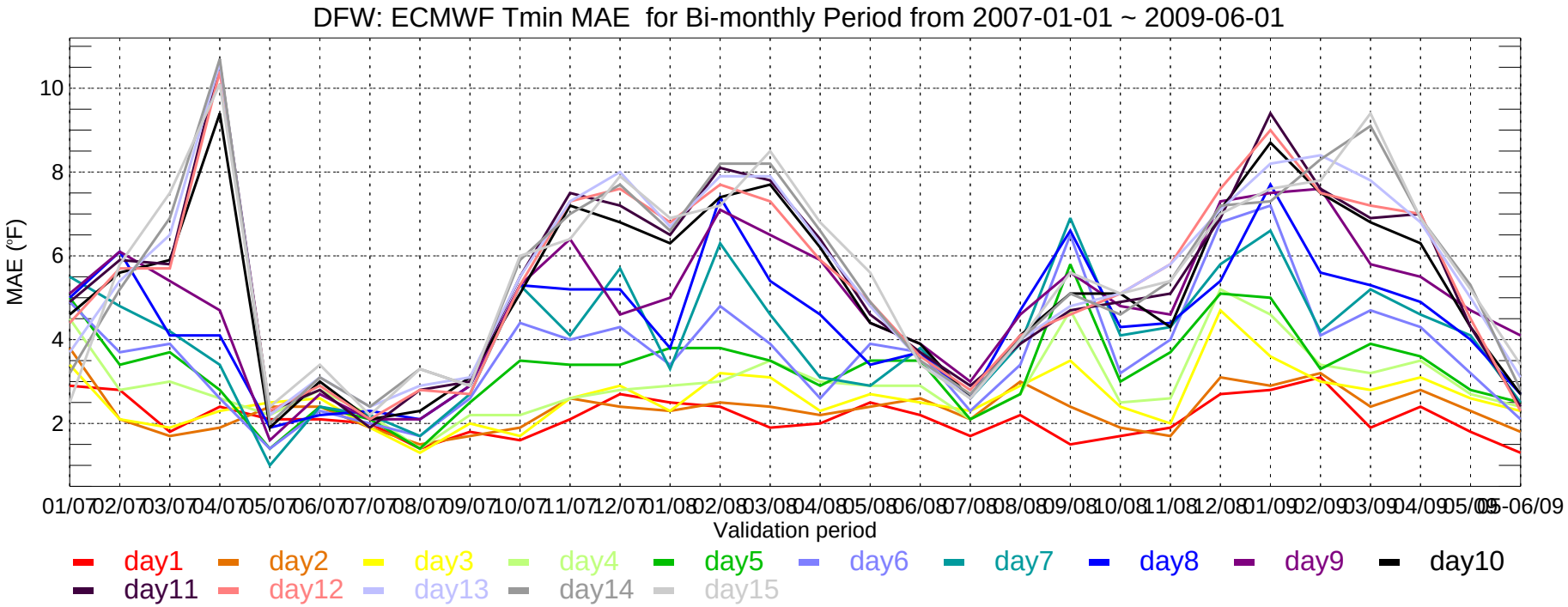

DEN: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

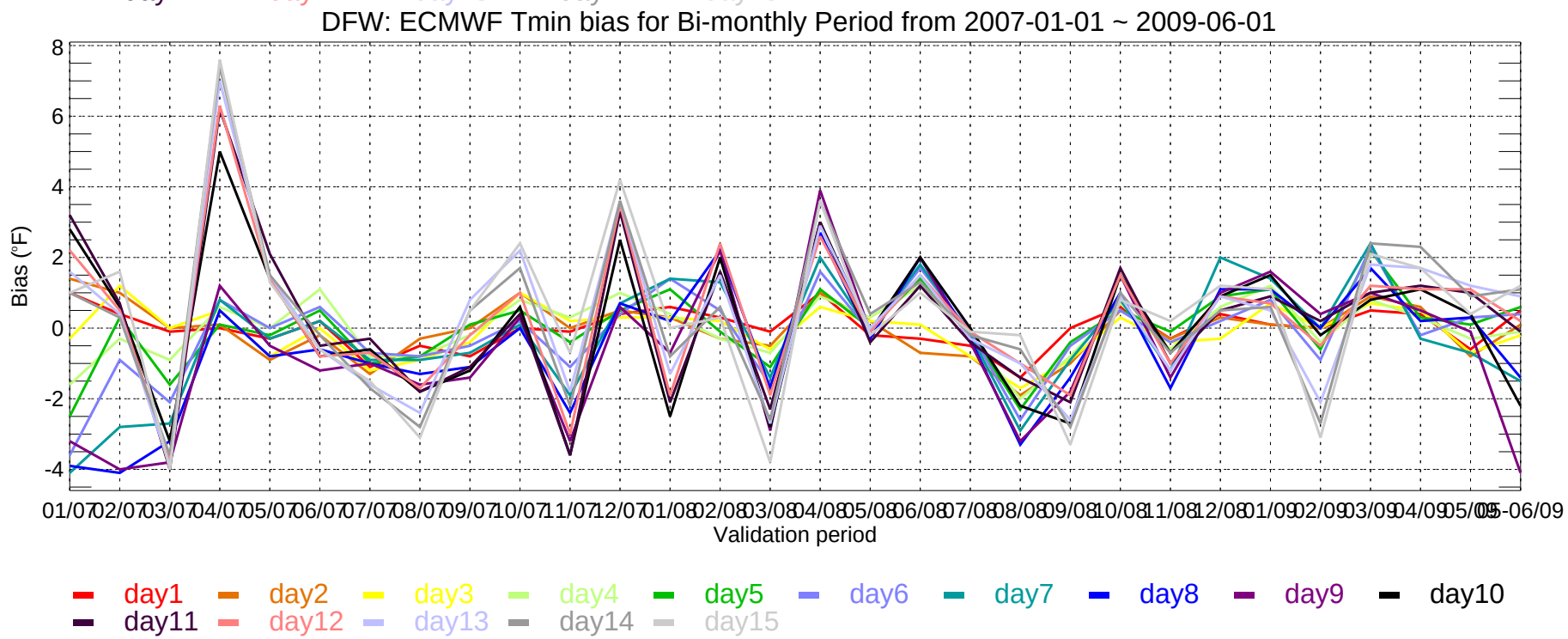

DEN: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

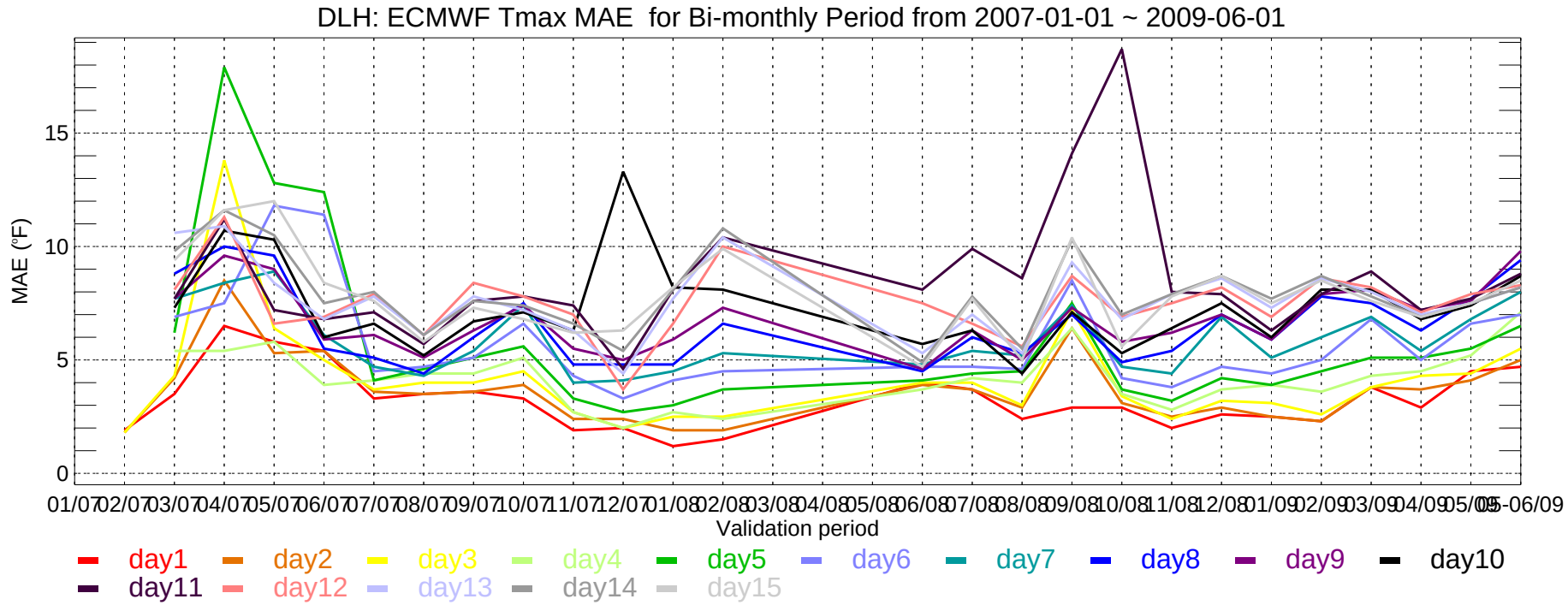

DEN: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

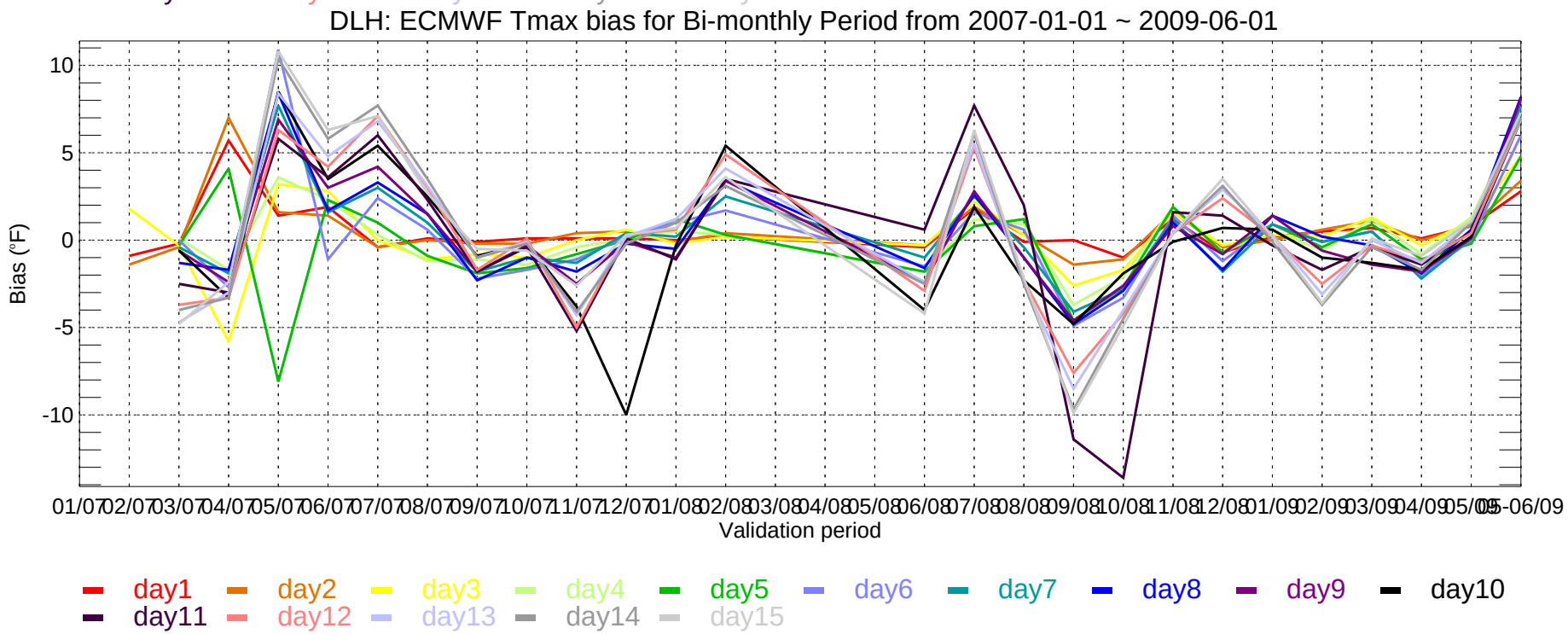

DFW: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

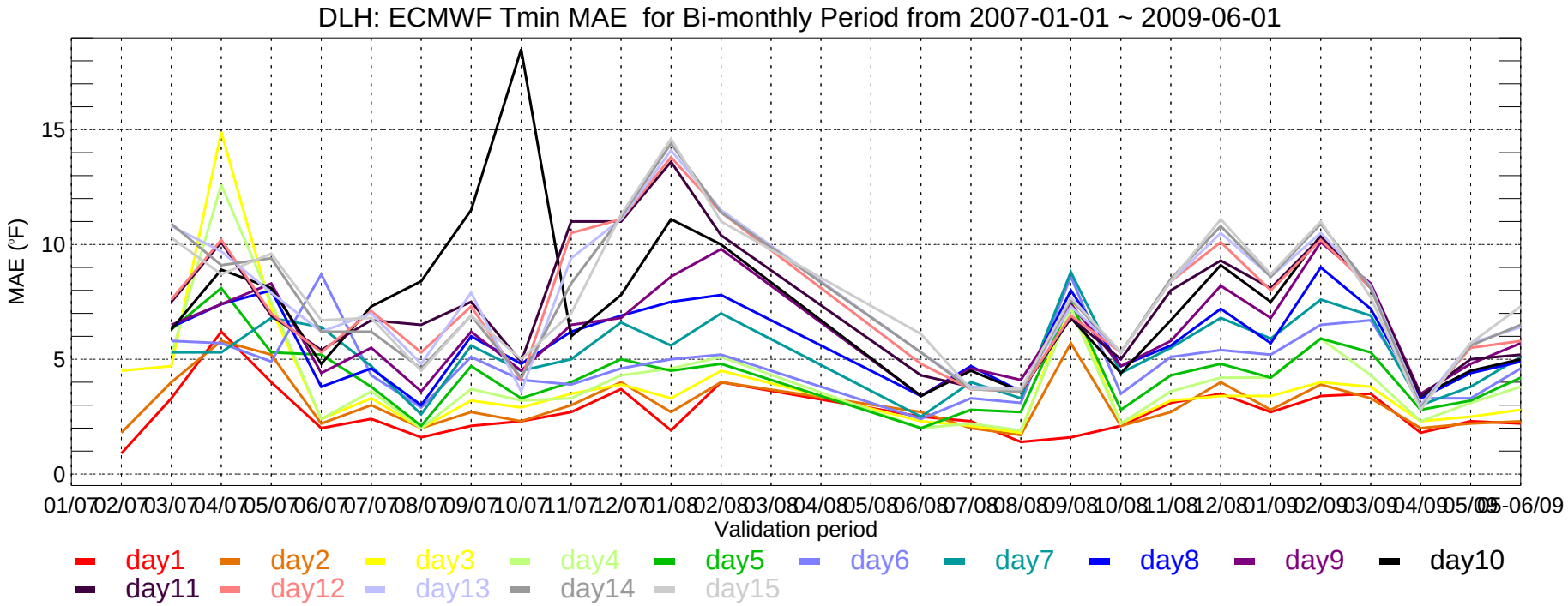

DFW: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

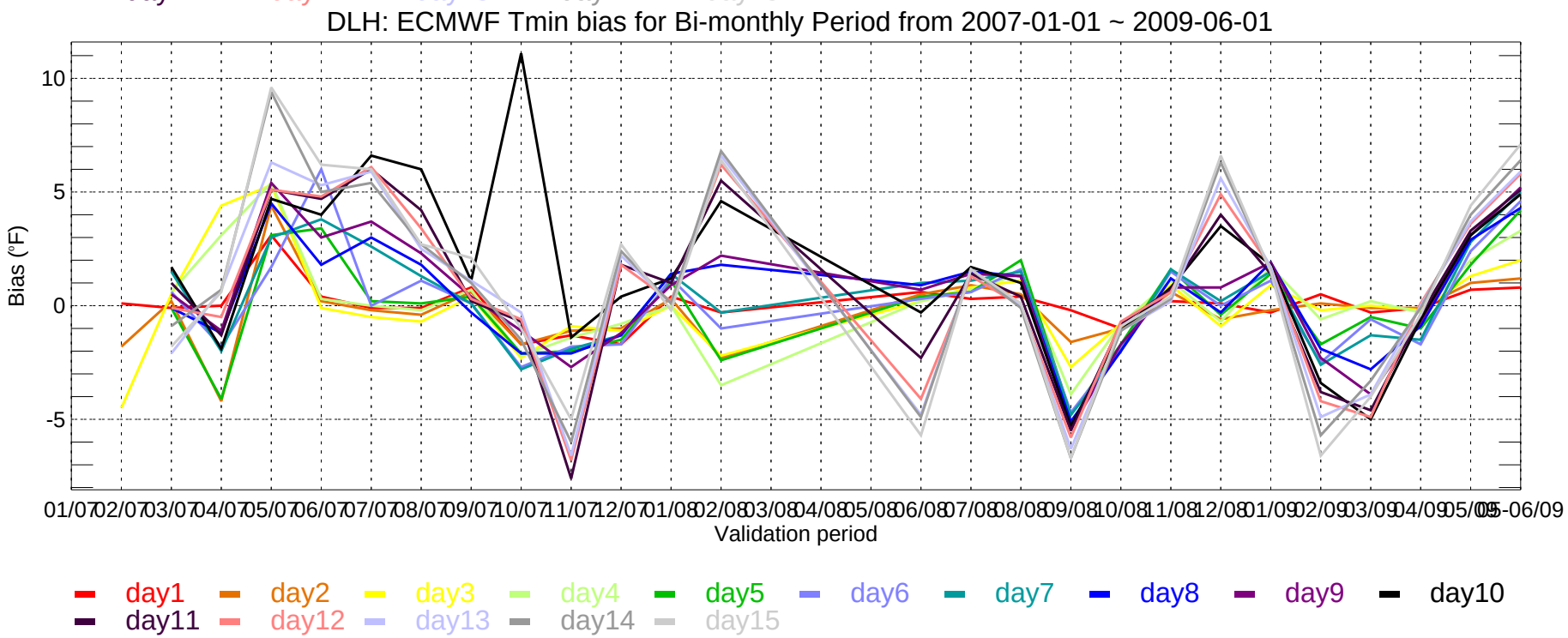

DFW: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

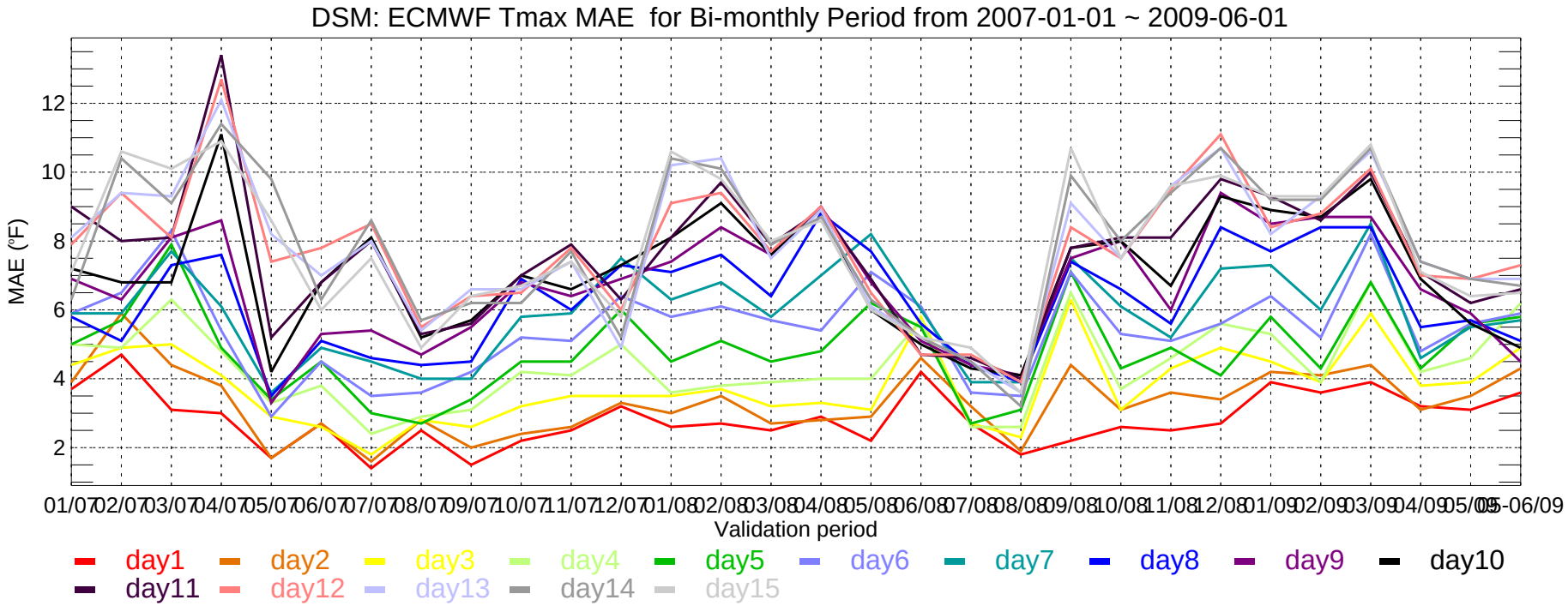

DFW: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
8
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

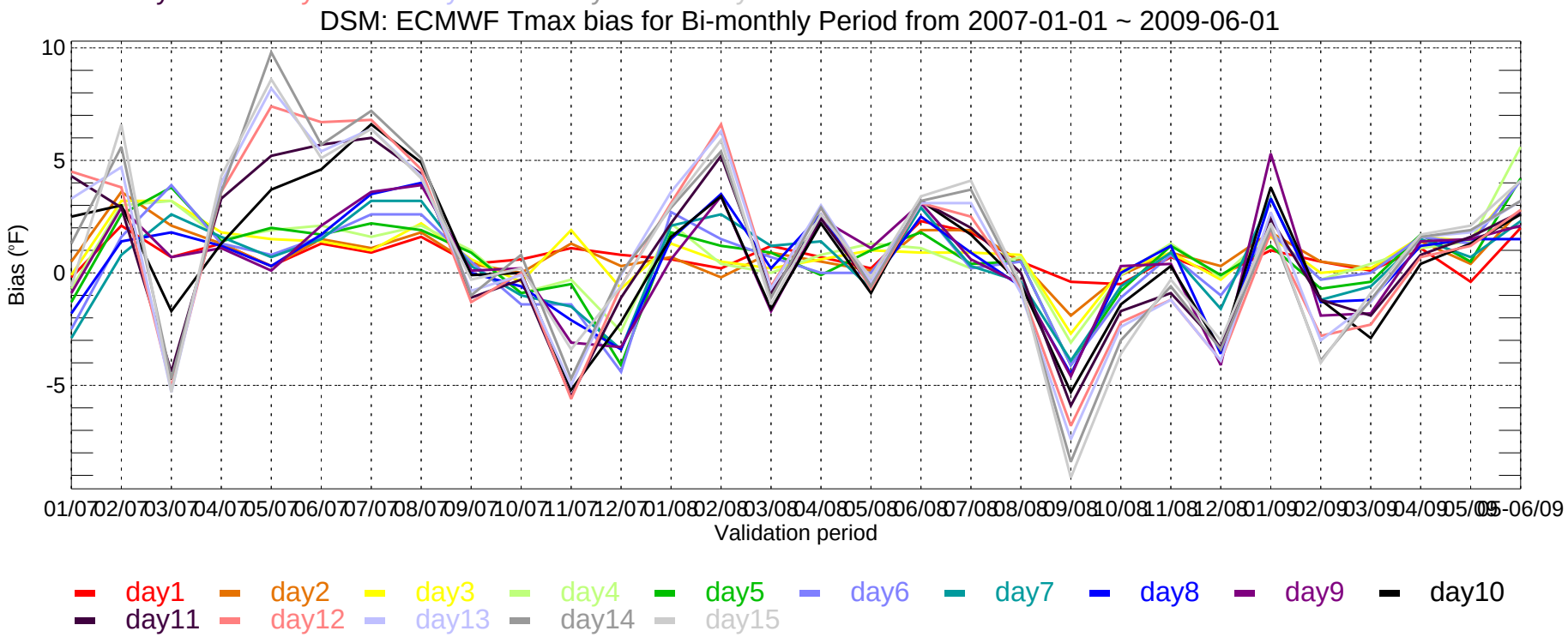

DLH: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

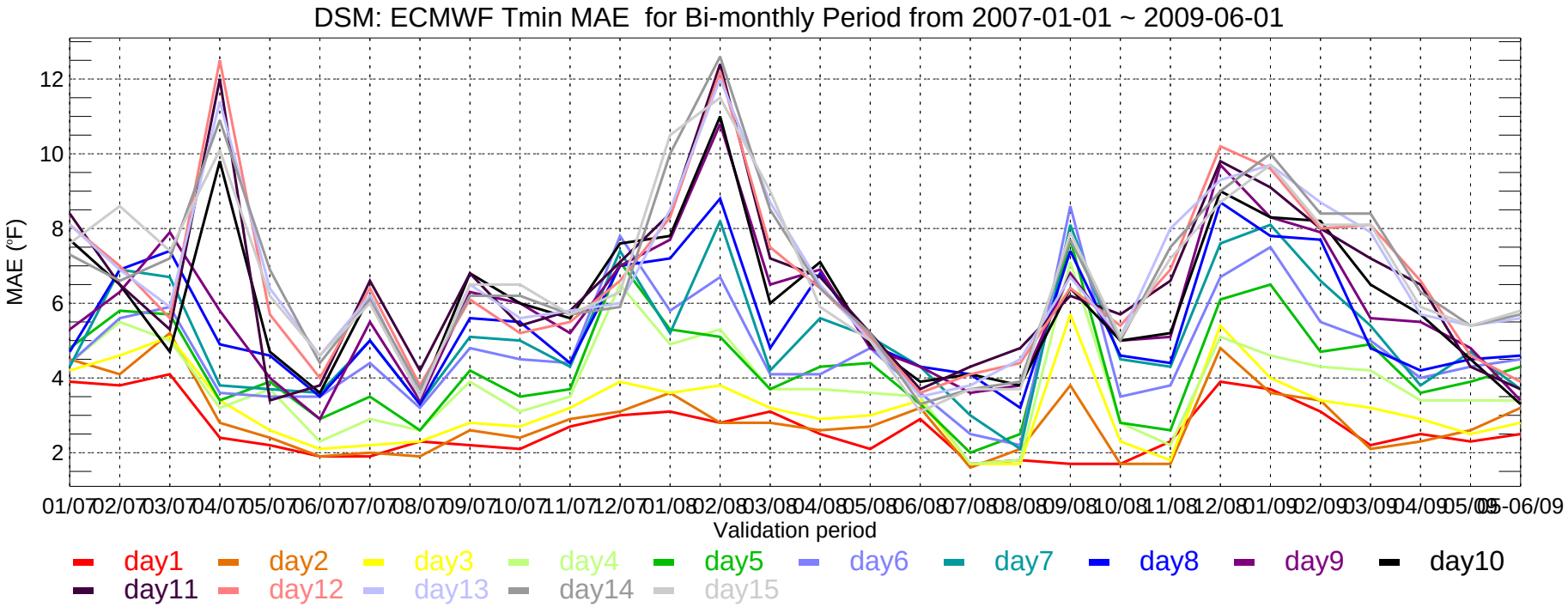

DLH: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

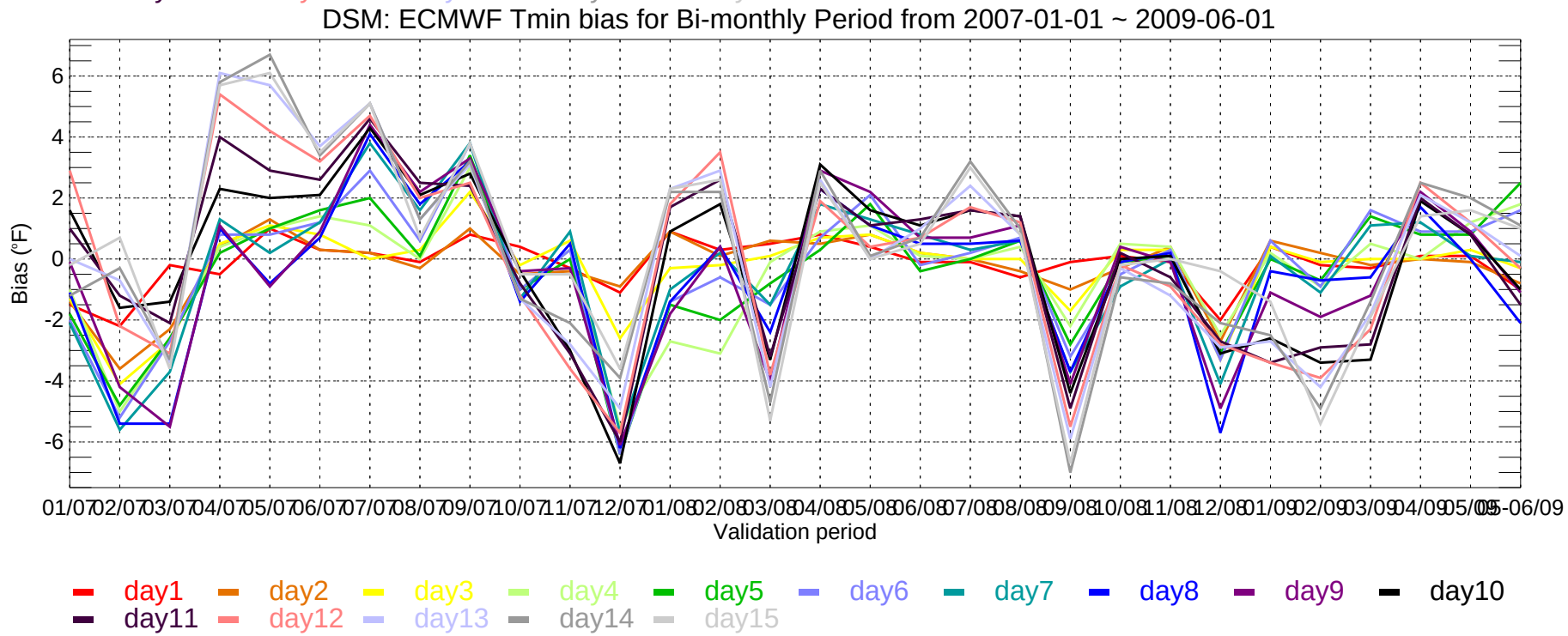

DLH: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

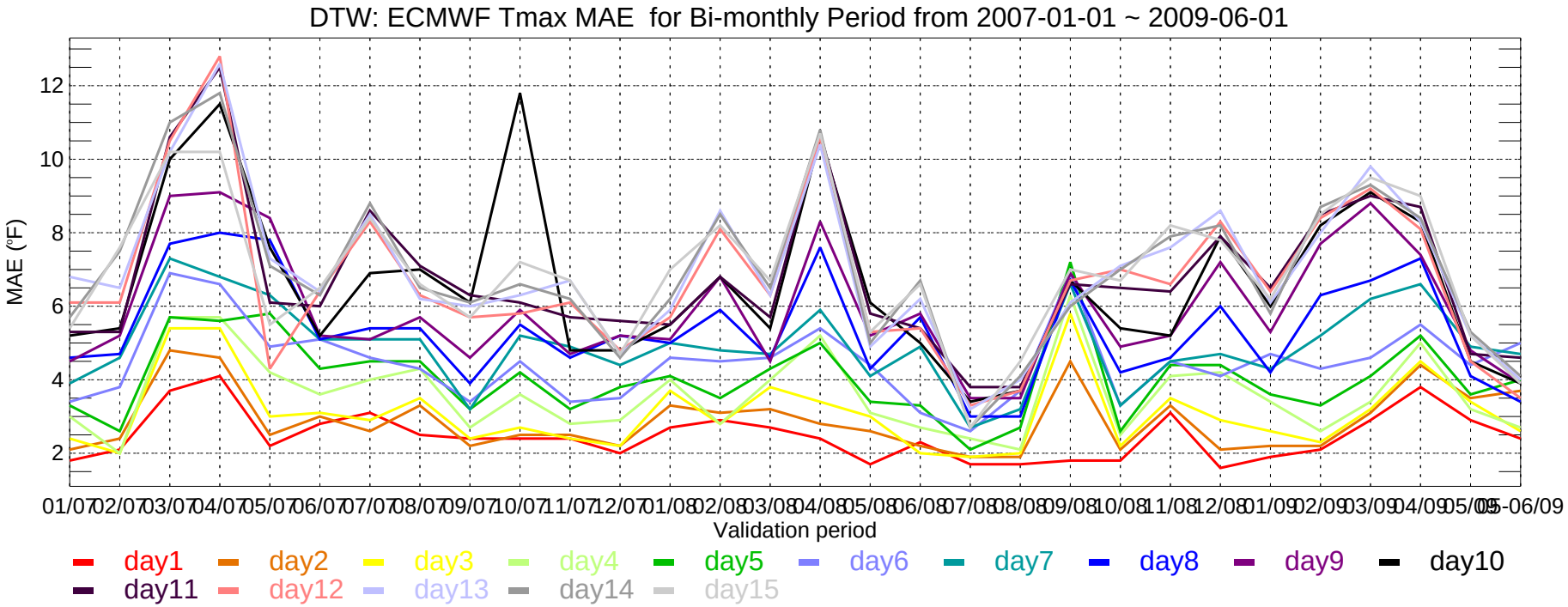

DLH: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

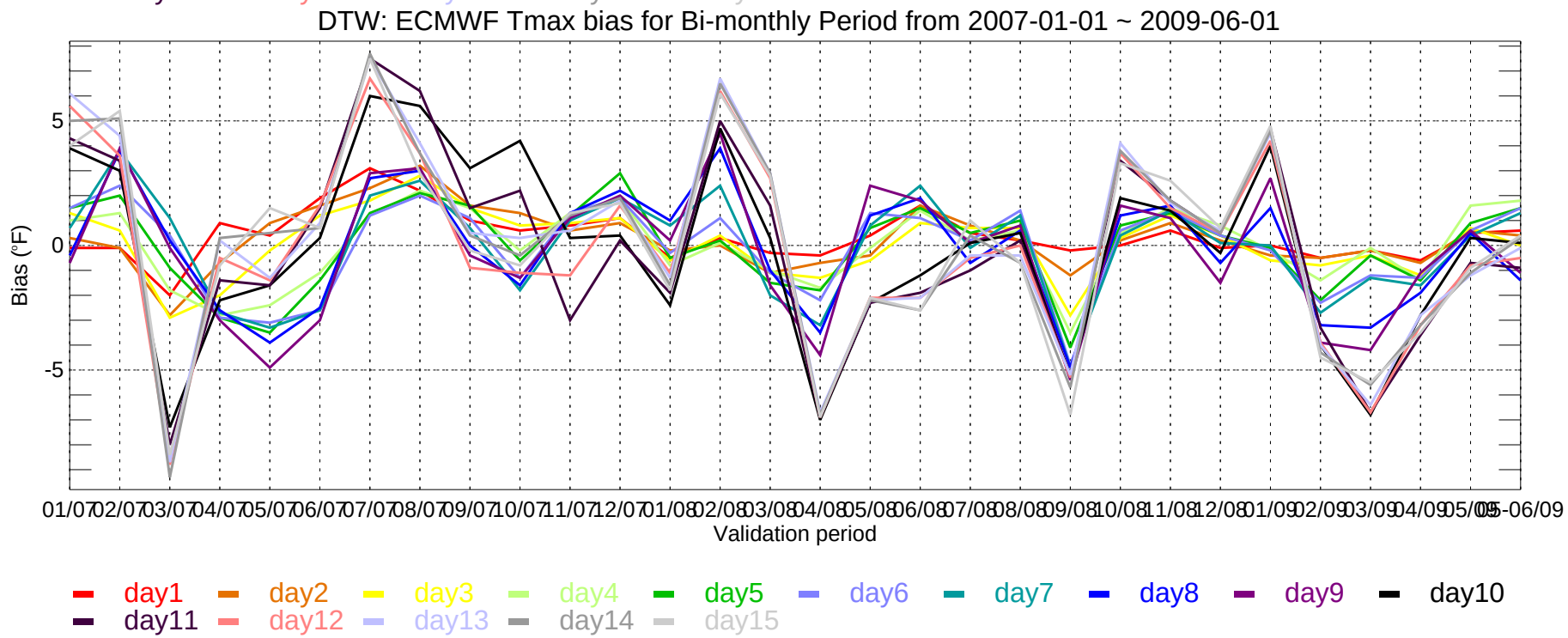

DSM: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

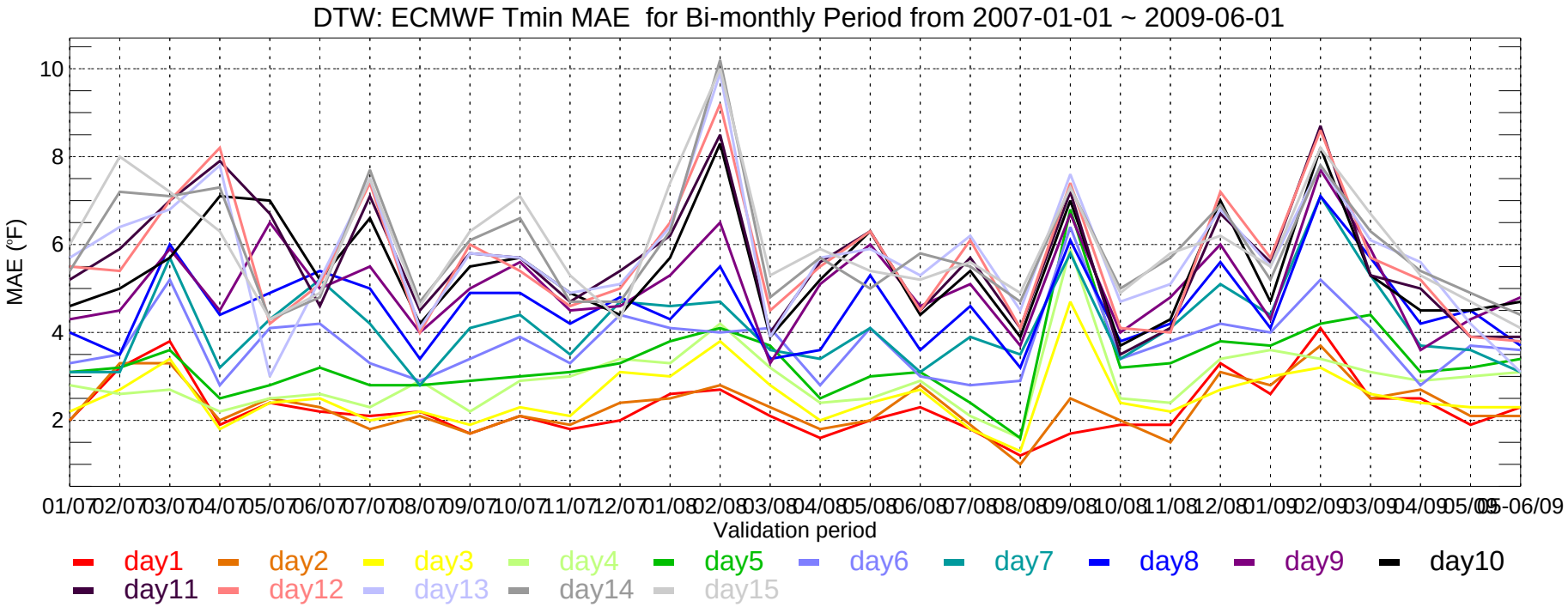

DSM: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

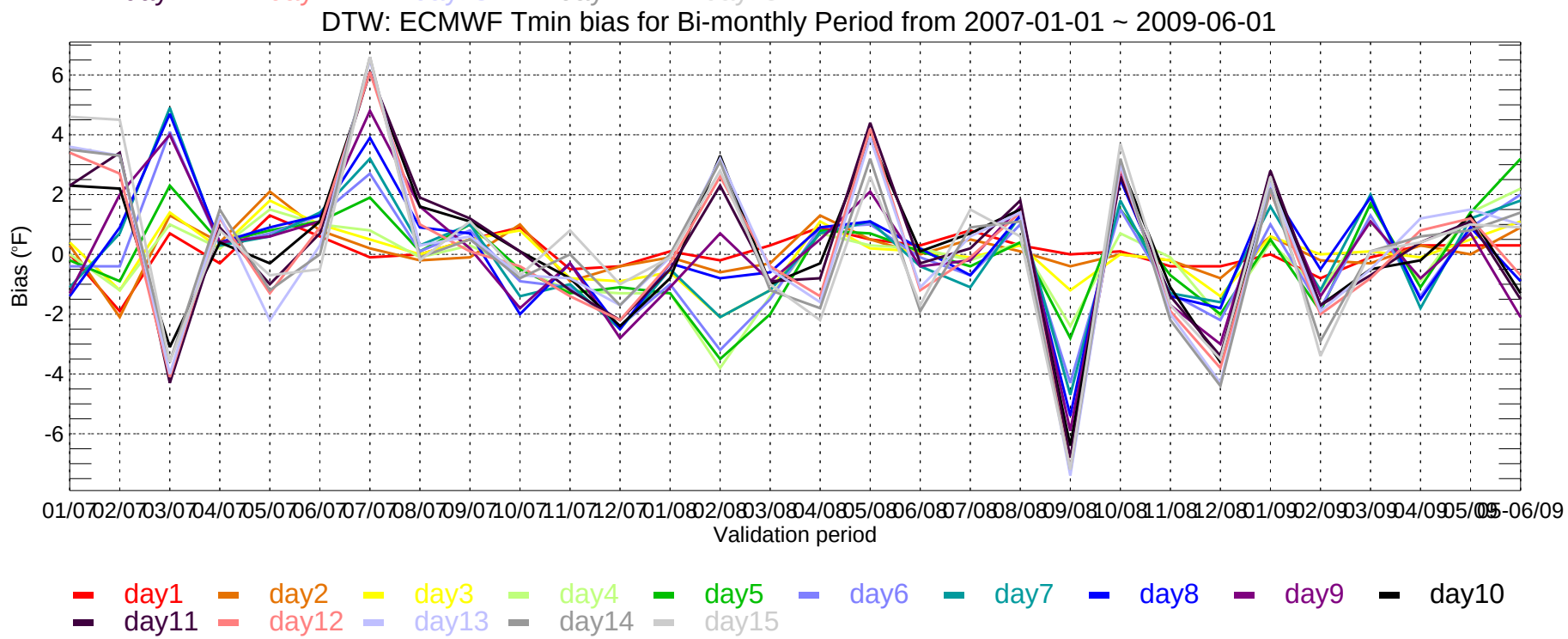

DSM: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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


DSM: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DTW: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DTW: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DTW: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DTW: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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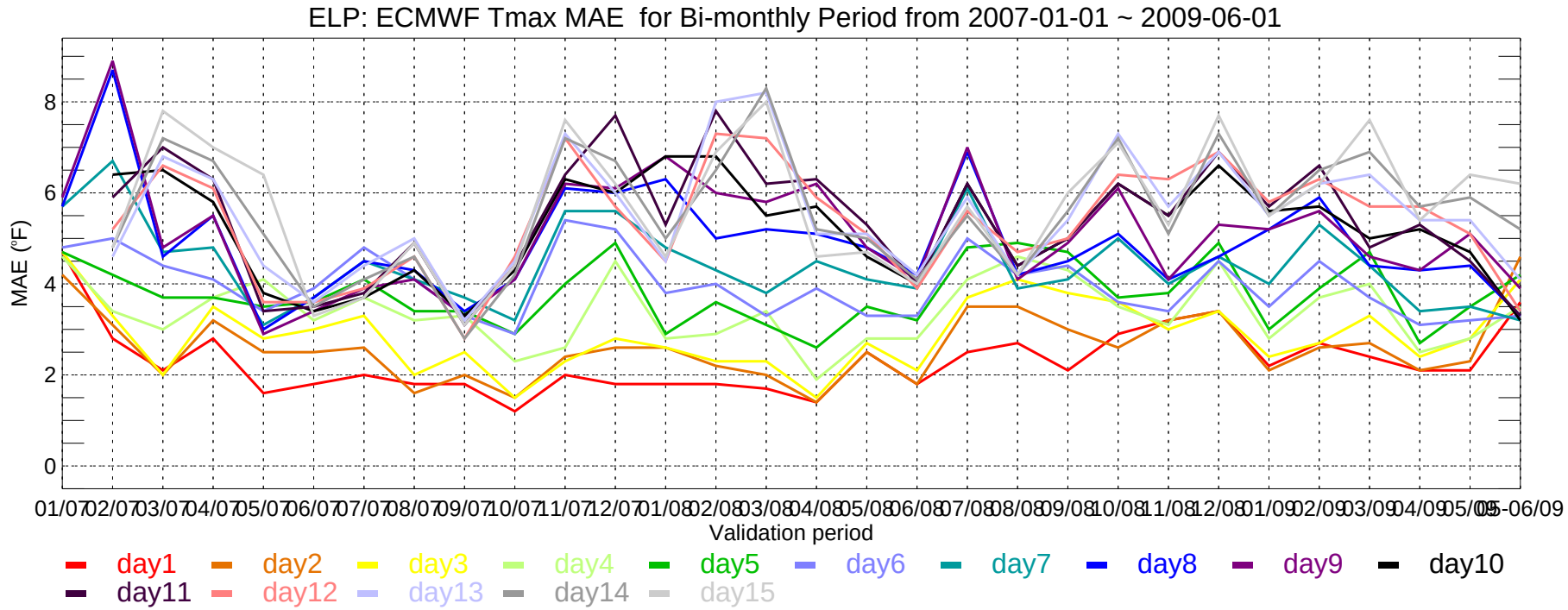
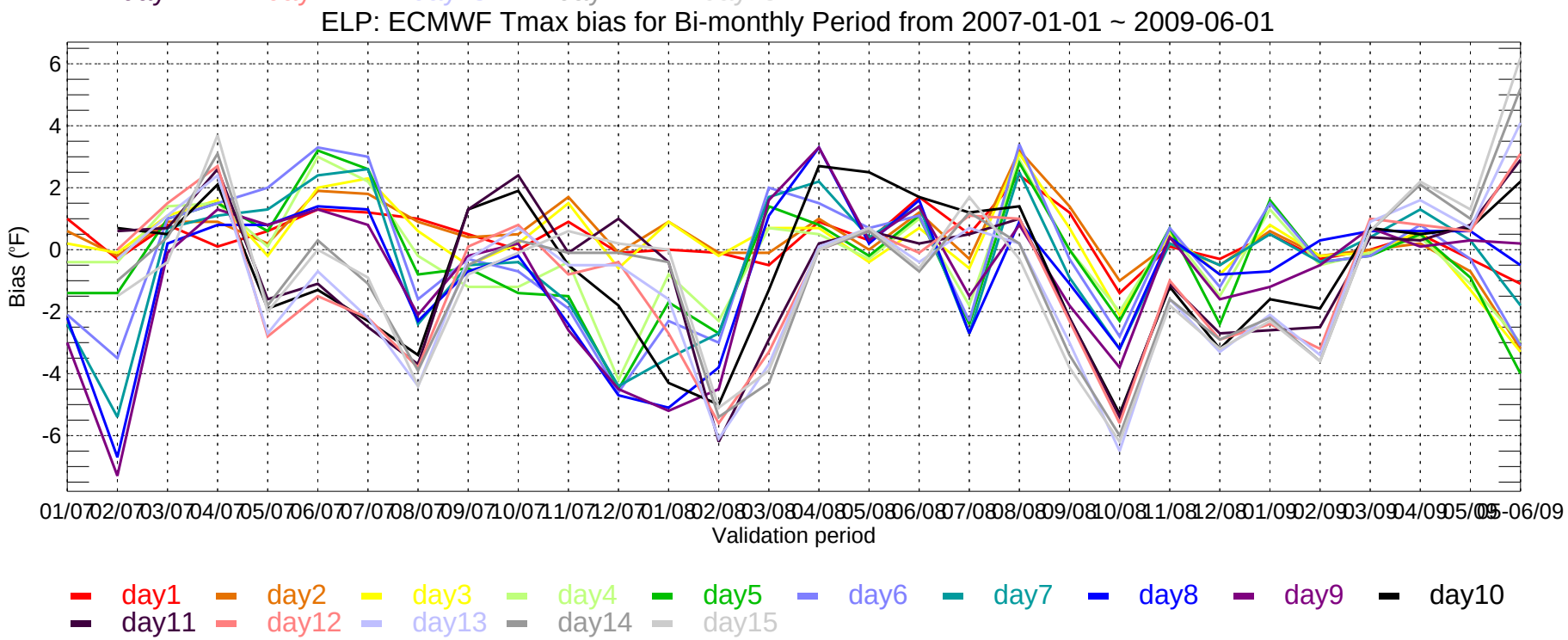
day11 day12 day13 day14 day15


ELP: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ELP: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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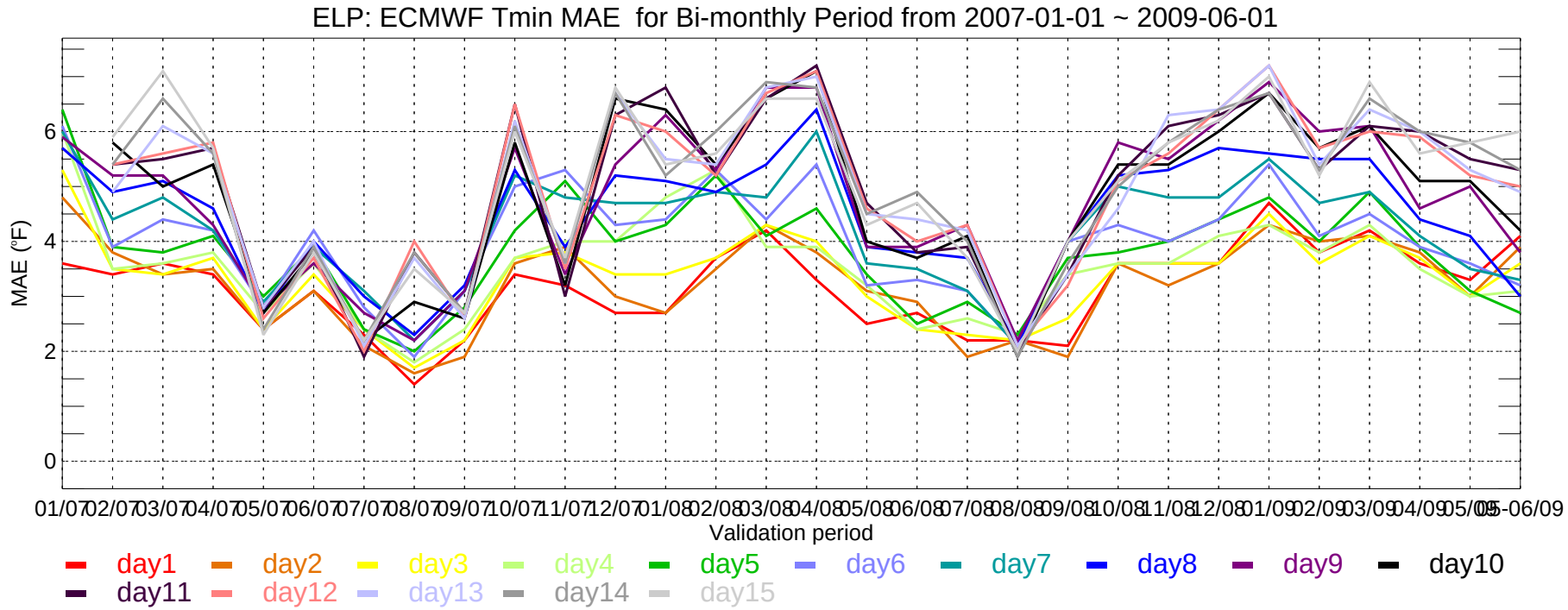
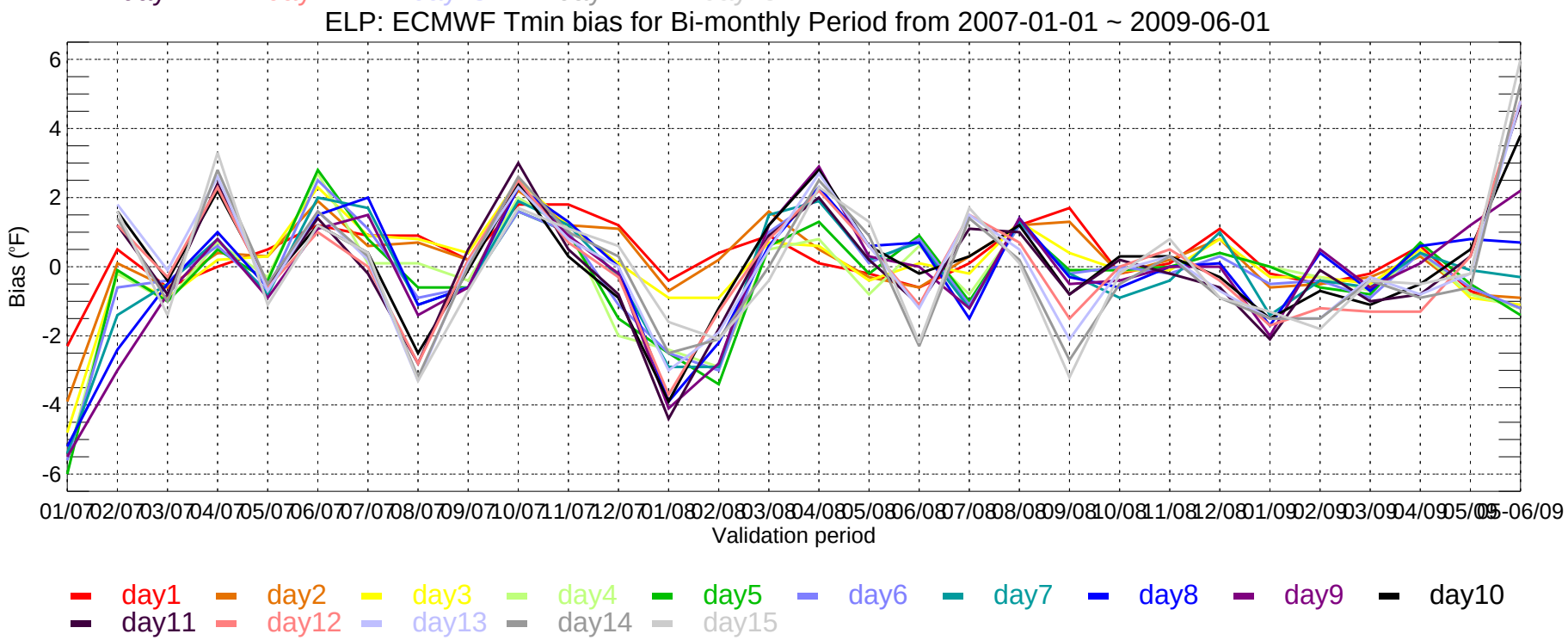
day11 day12 day13 day14 day15


ELP: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ELP: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
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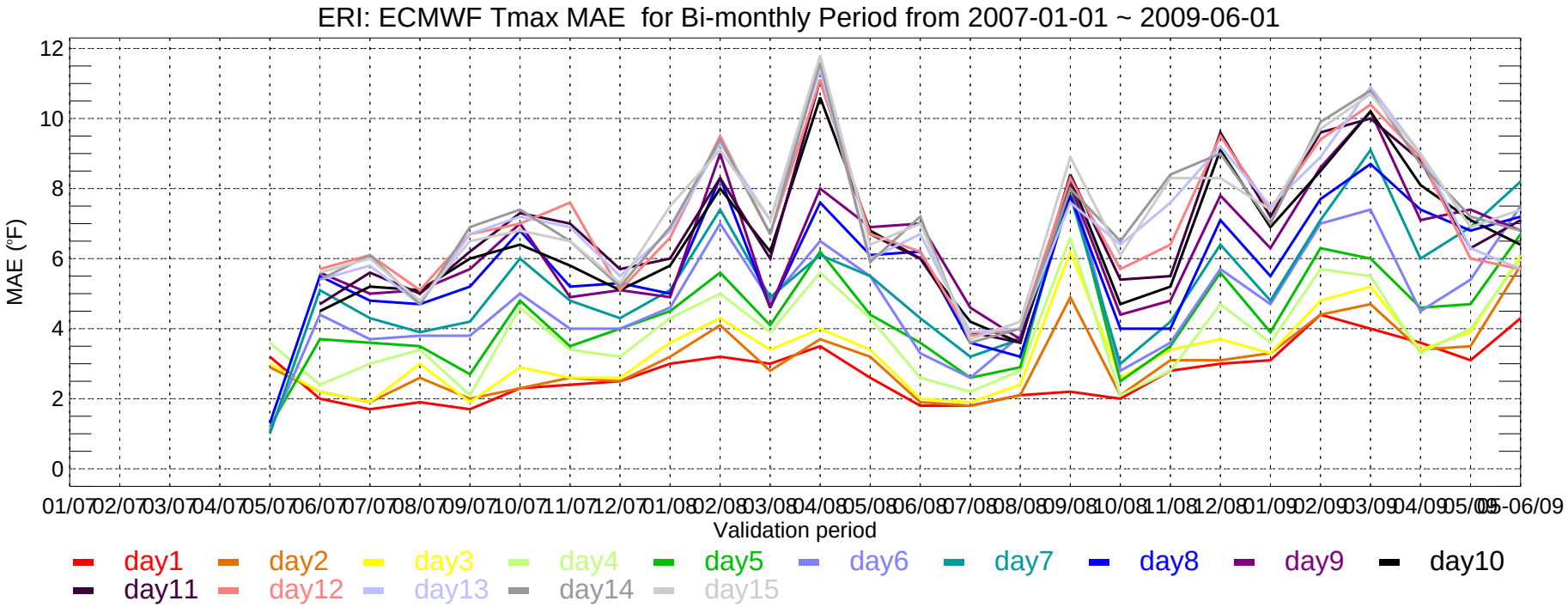
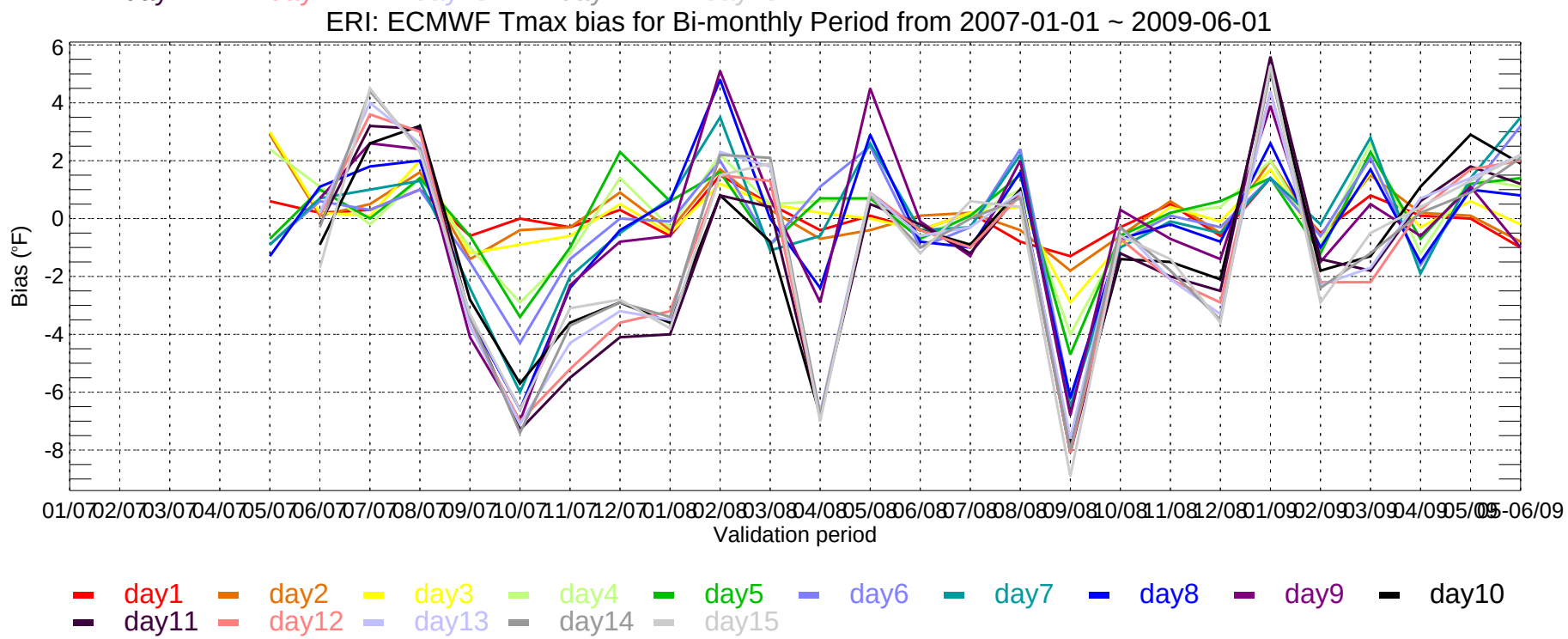
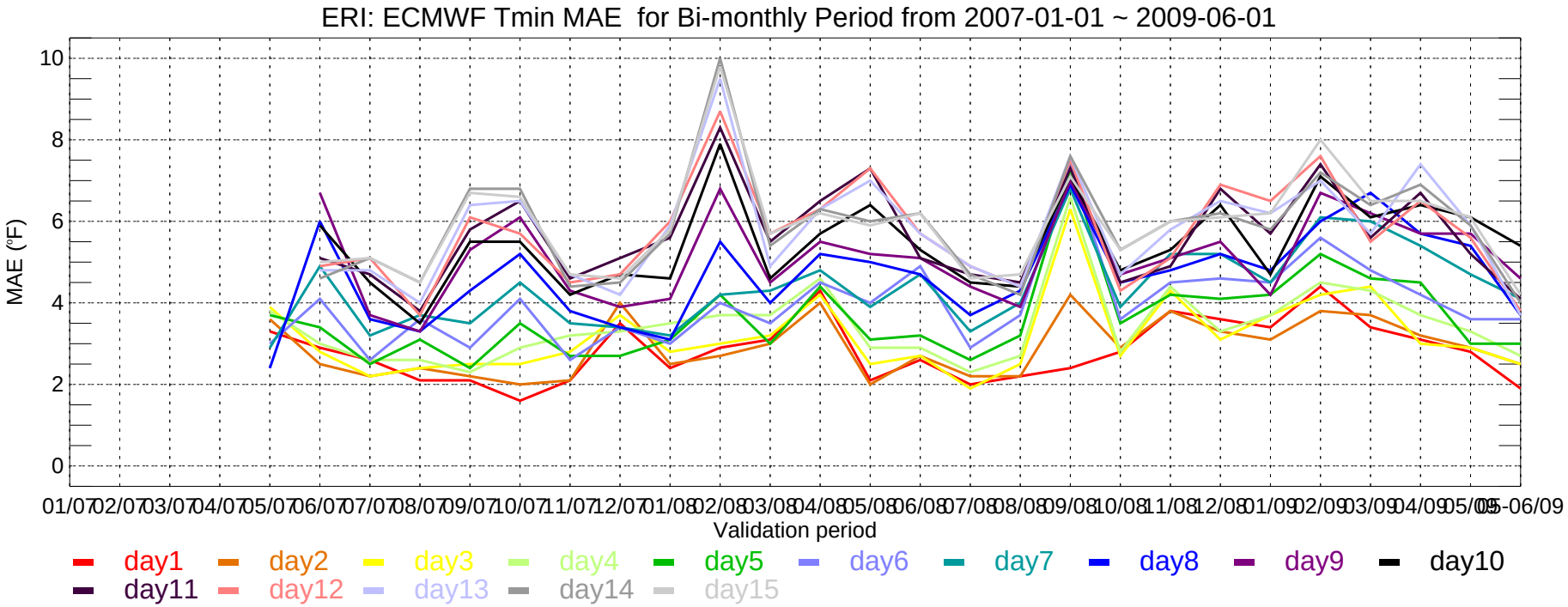
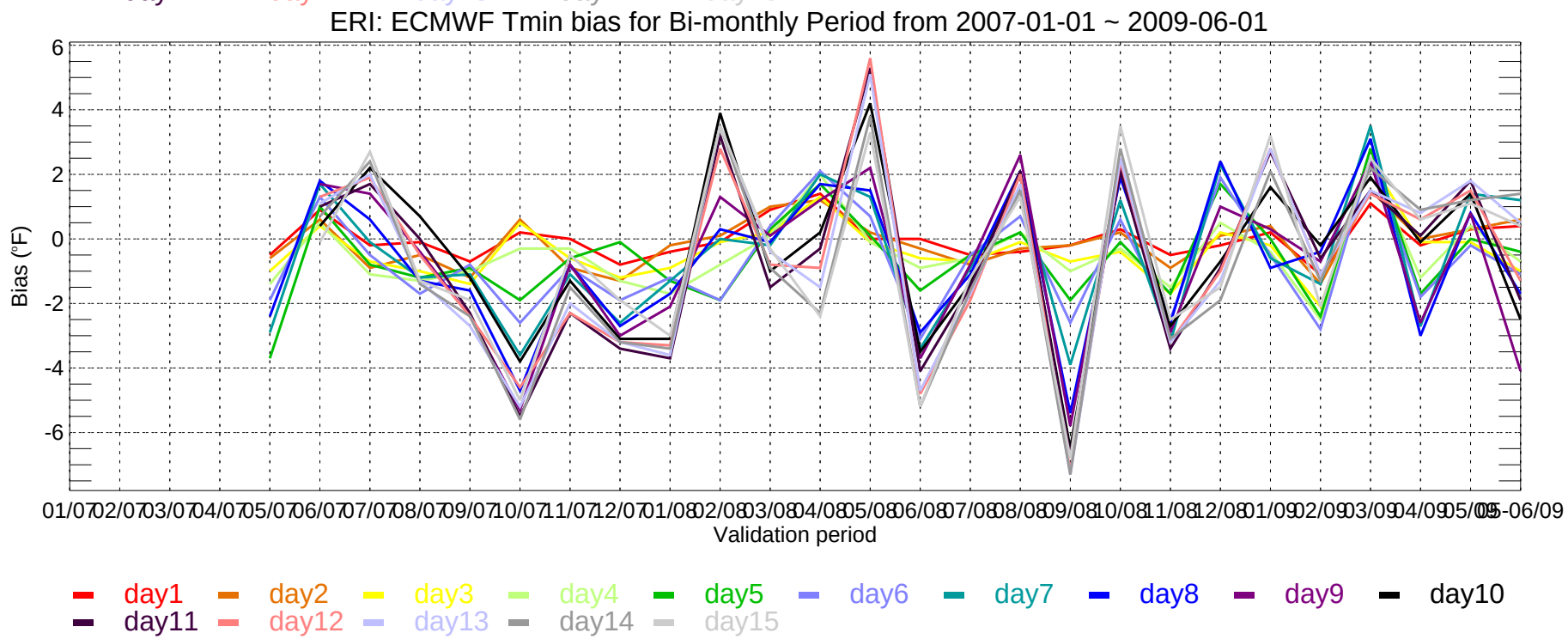
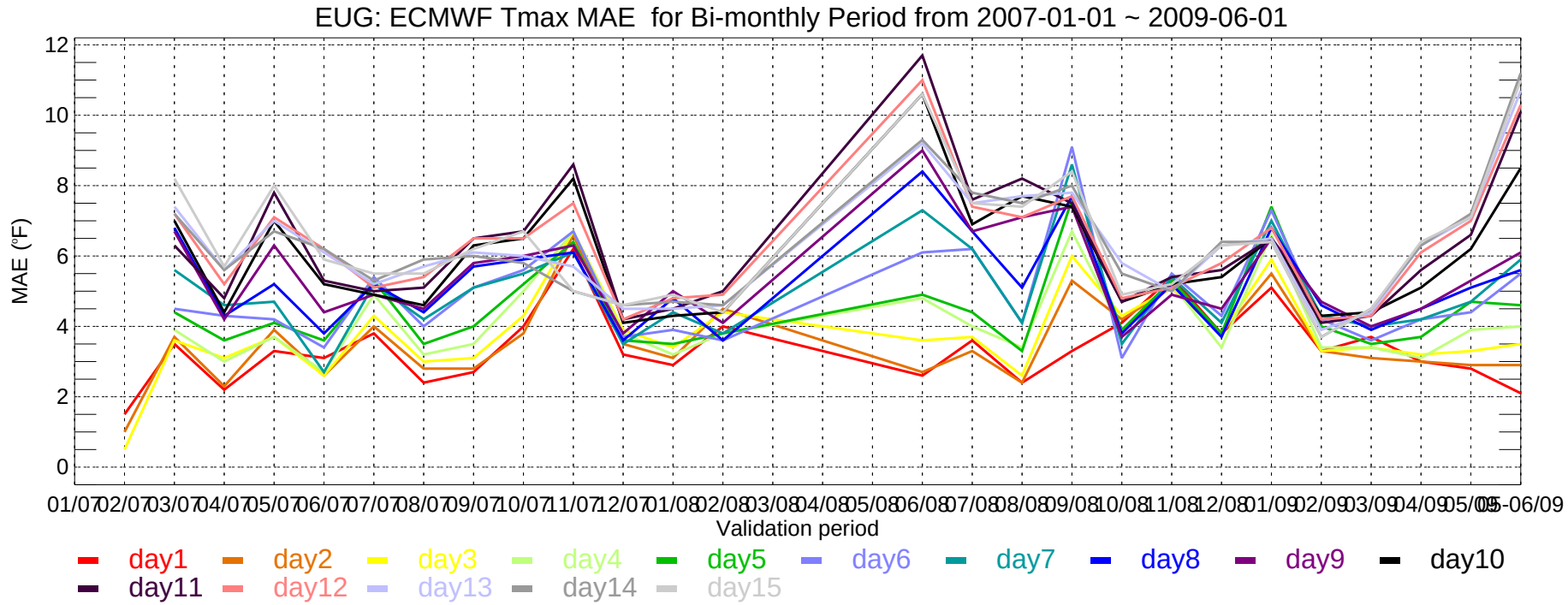
day11 day12 day13 day14 day15

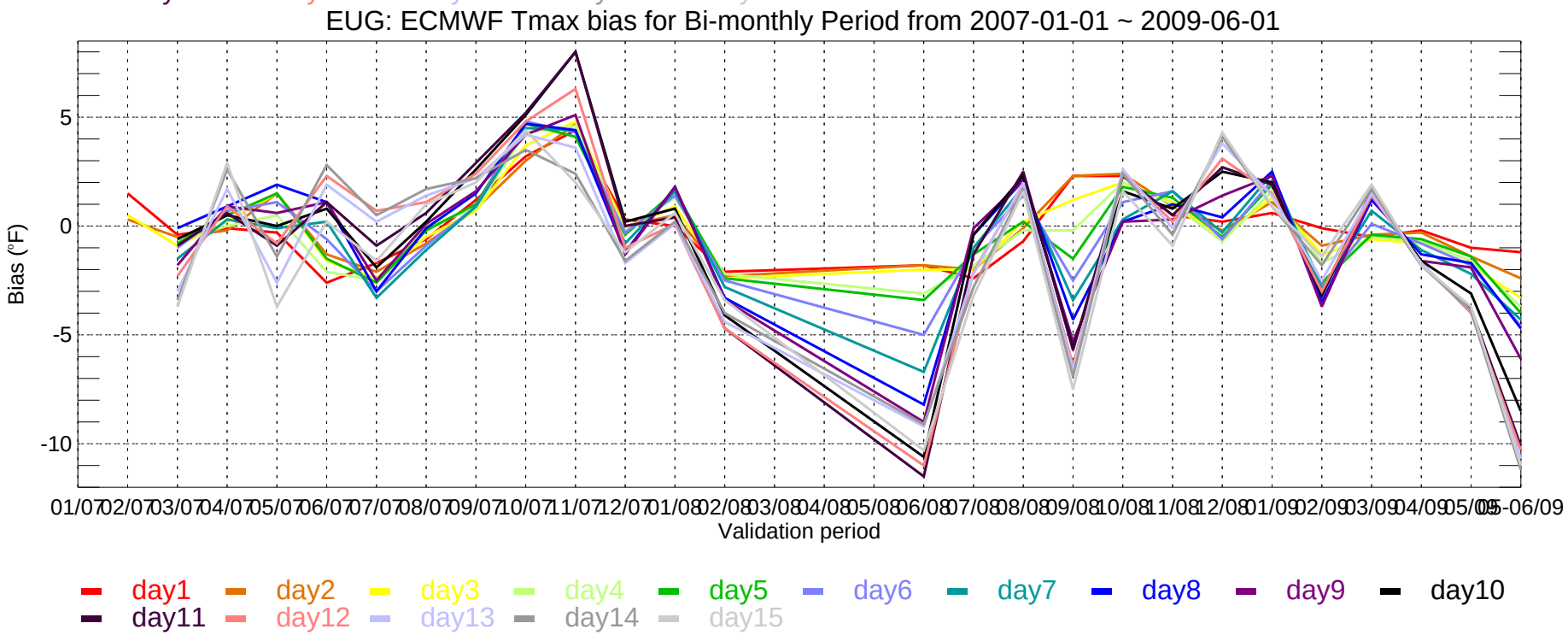

ERI: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

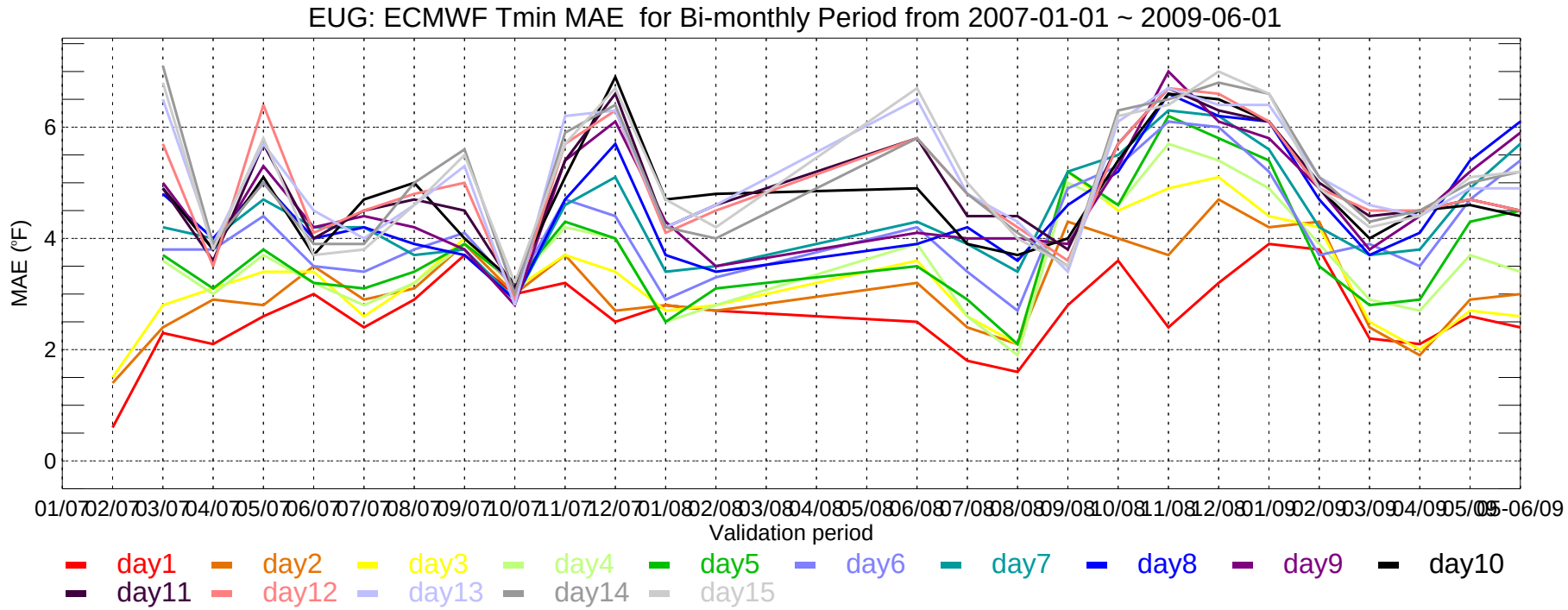

ERI: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

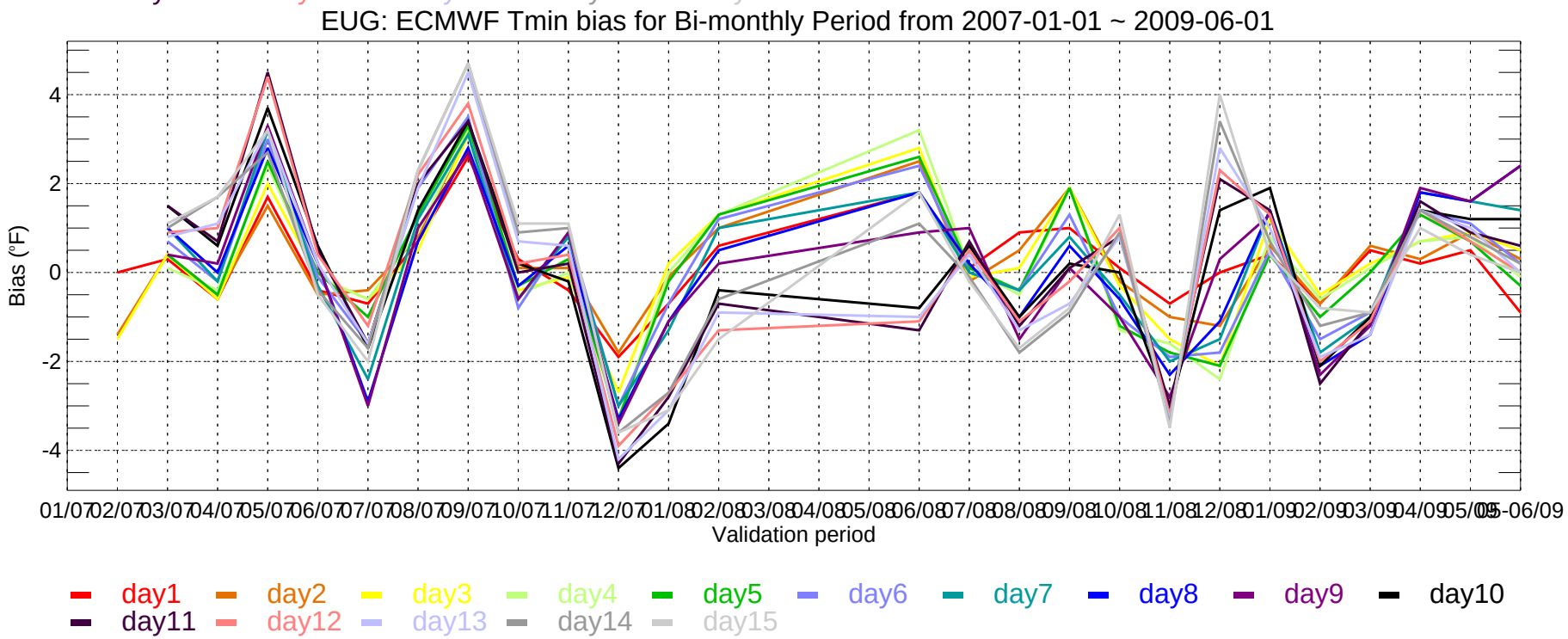

ERI: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

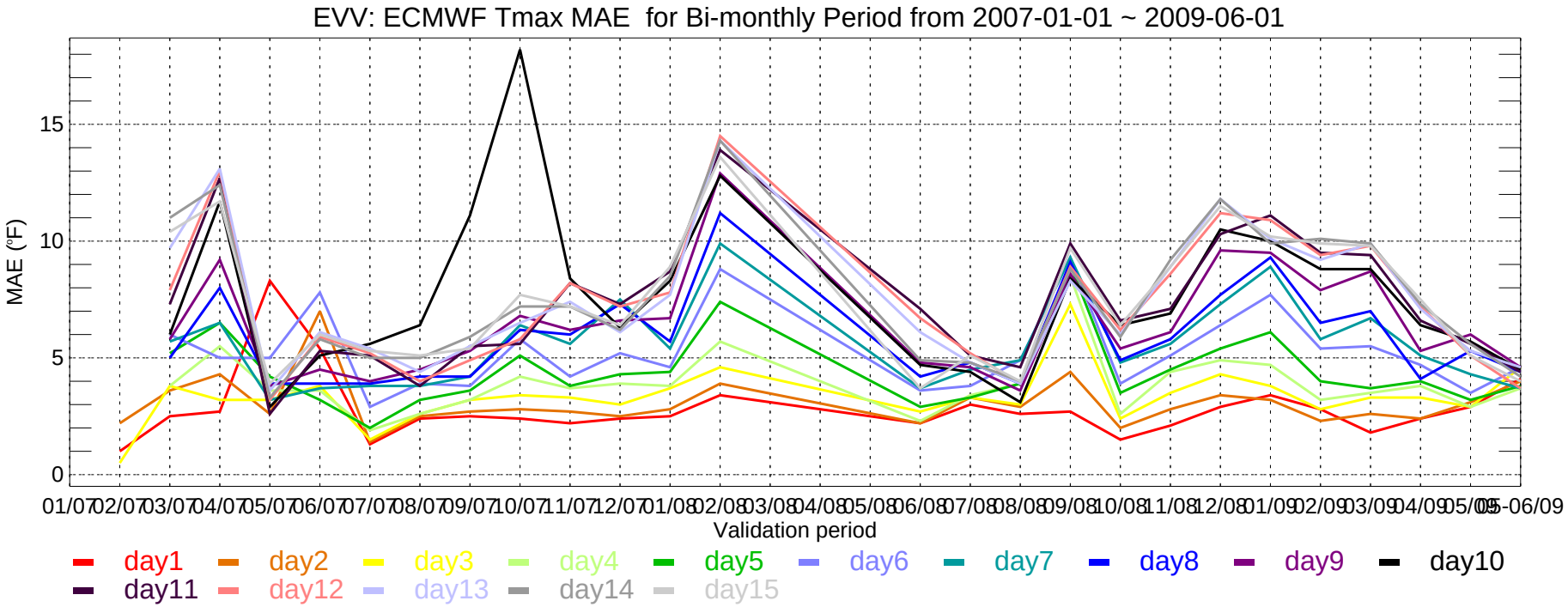

ERI: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

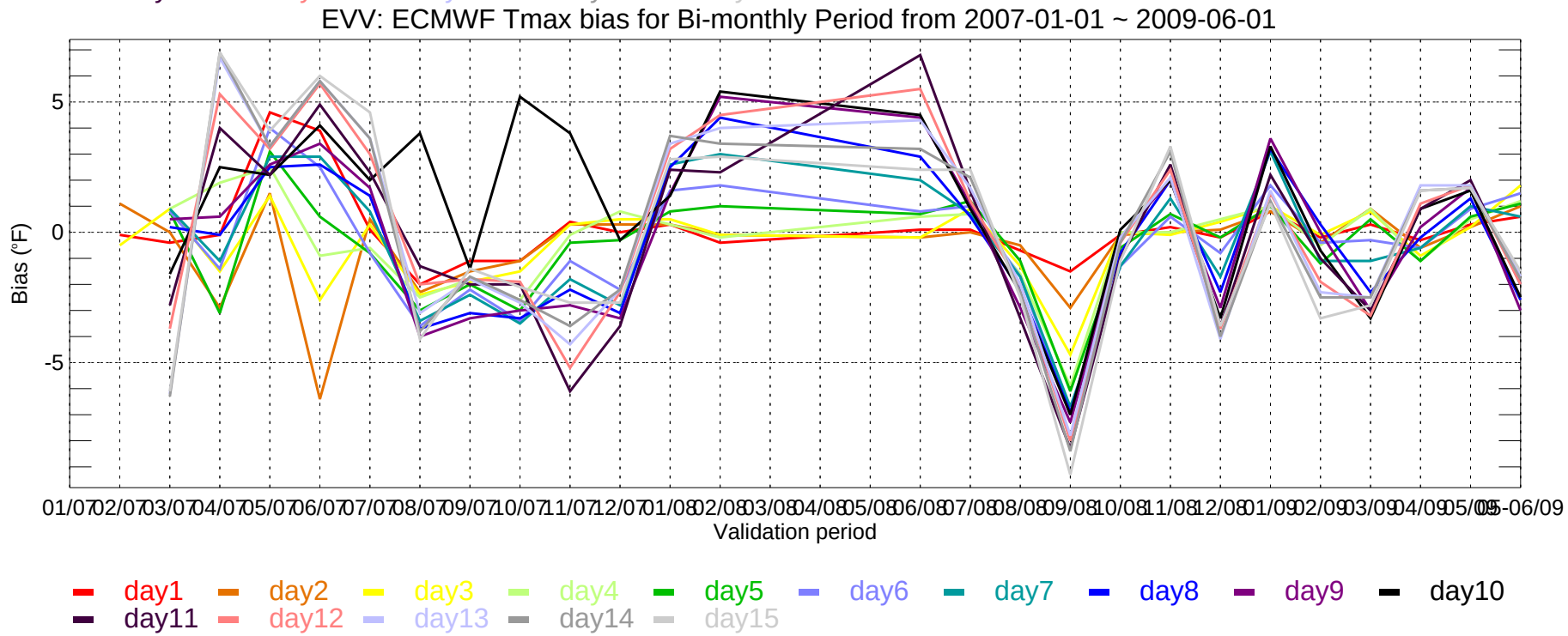

EUG: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

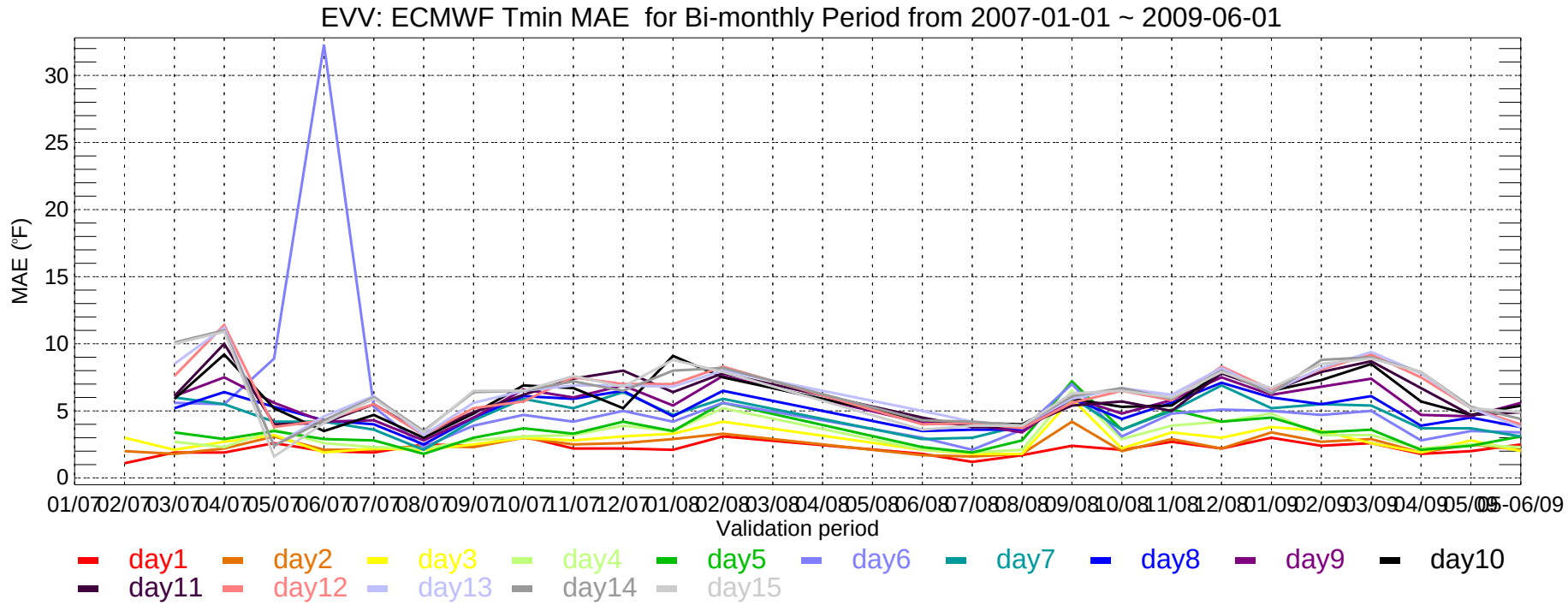

EUG: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

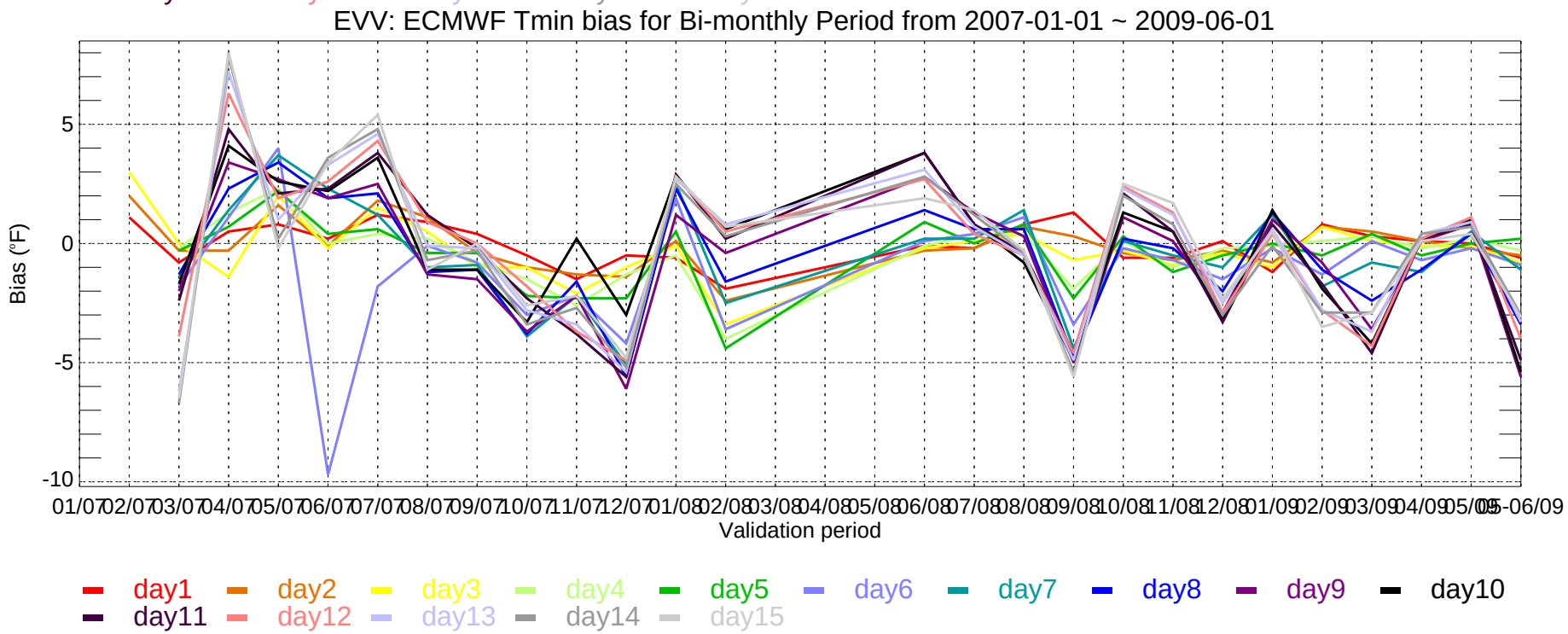

EUG: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

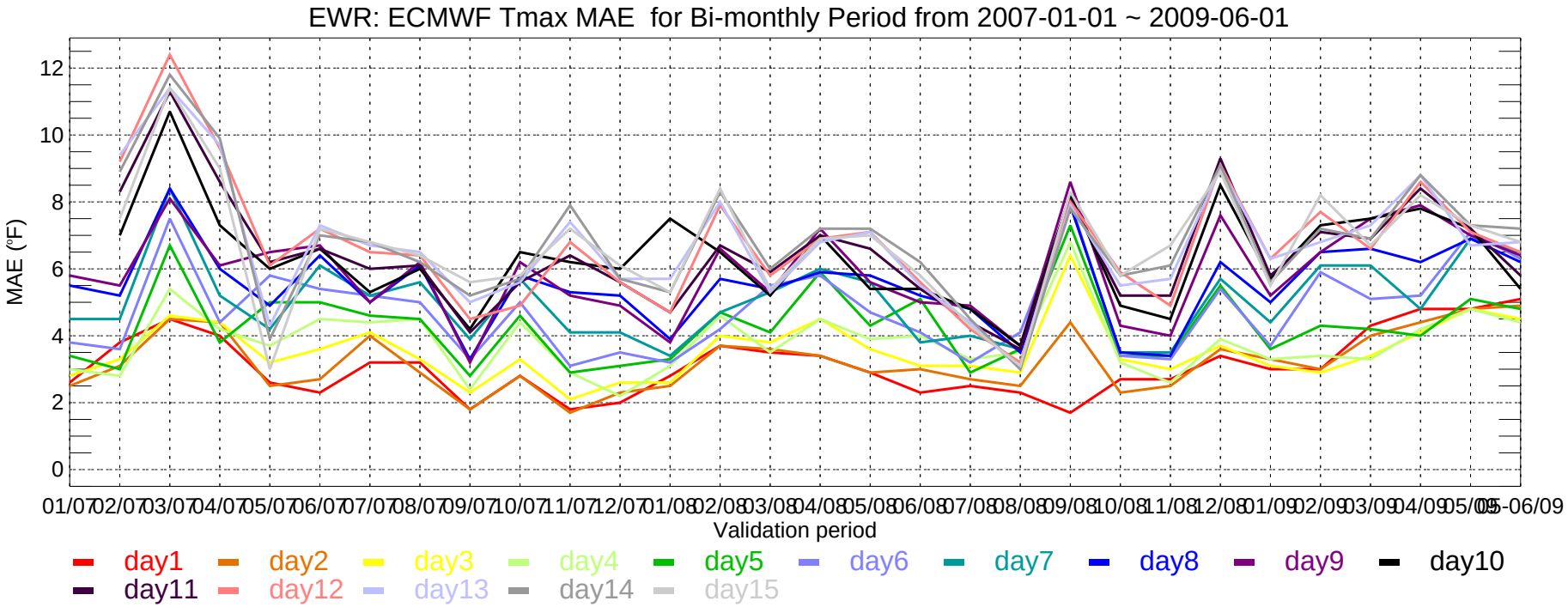

EUG: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

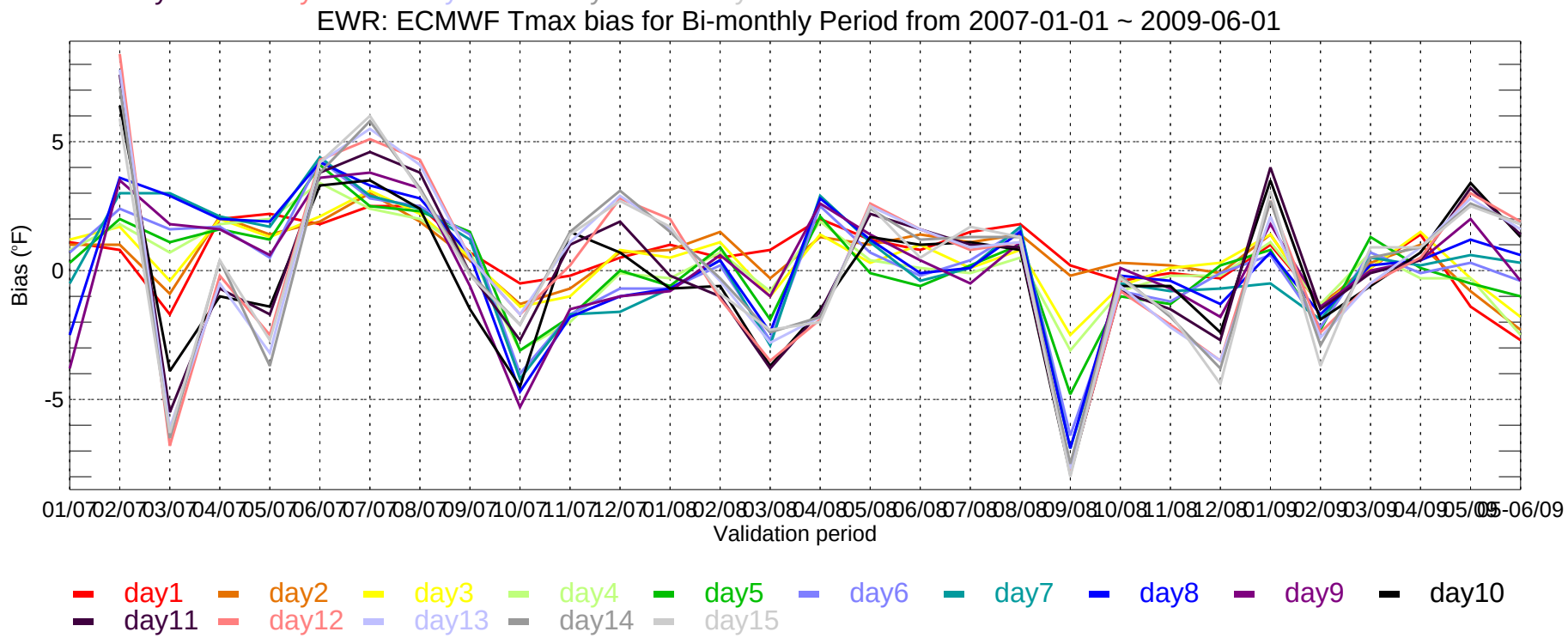

EVV: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

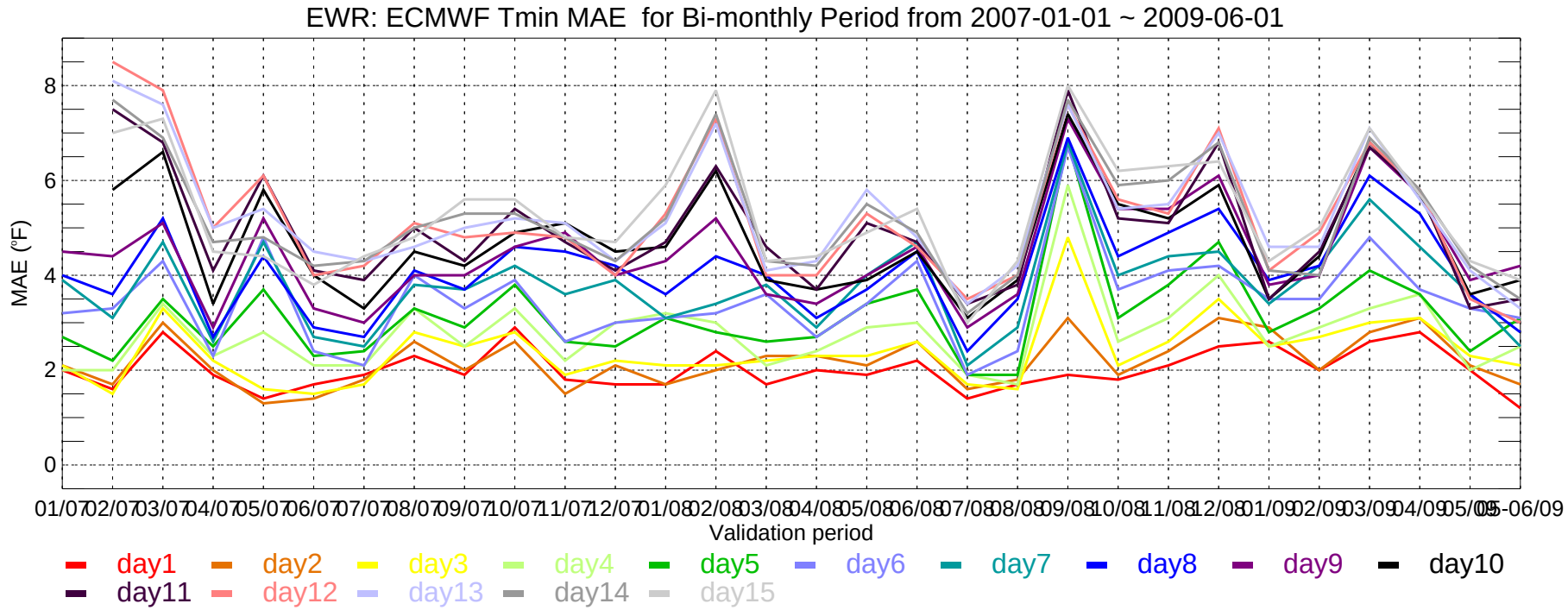

EVV: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

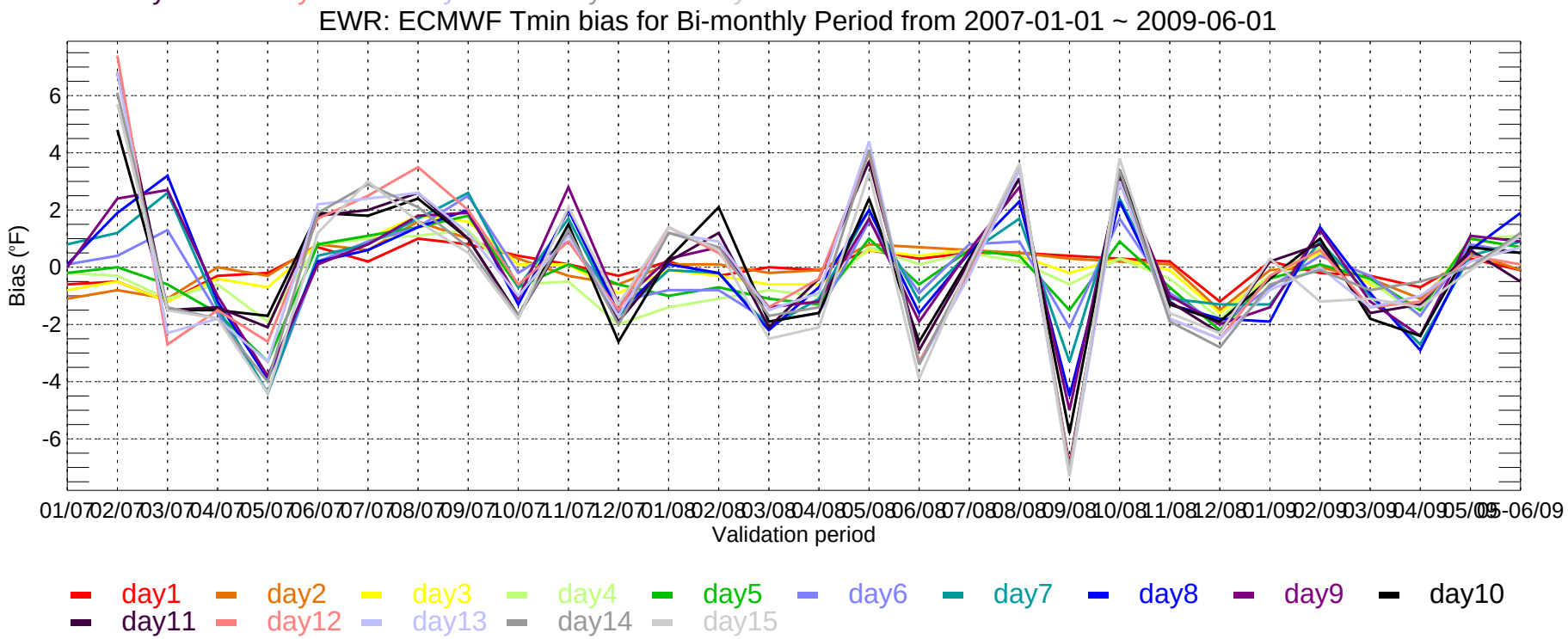

EVV: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
30
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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


EVV: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


EWR: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


EWR: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


EWR: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


EWR: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
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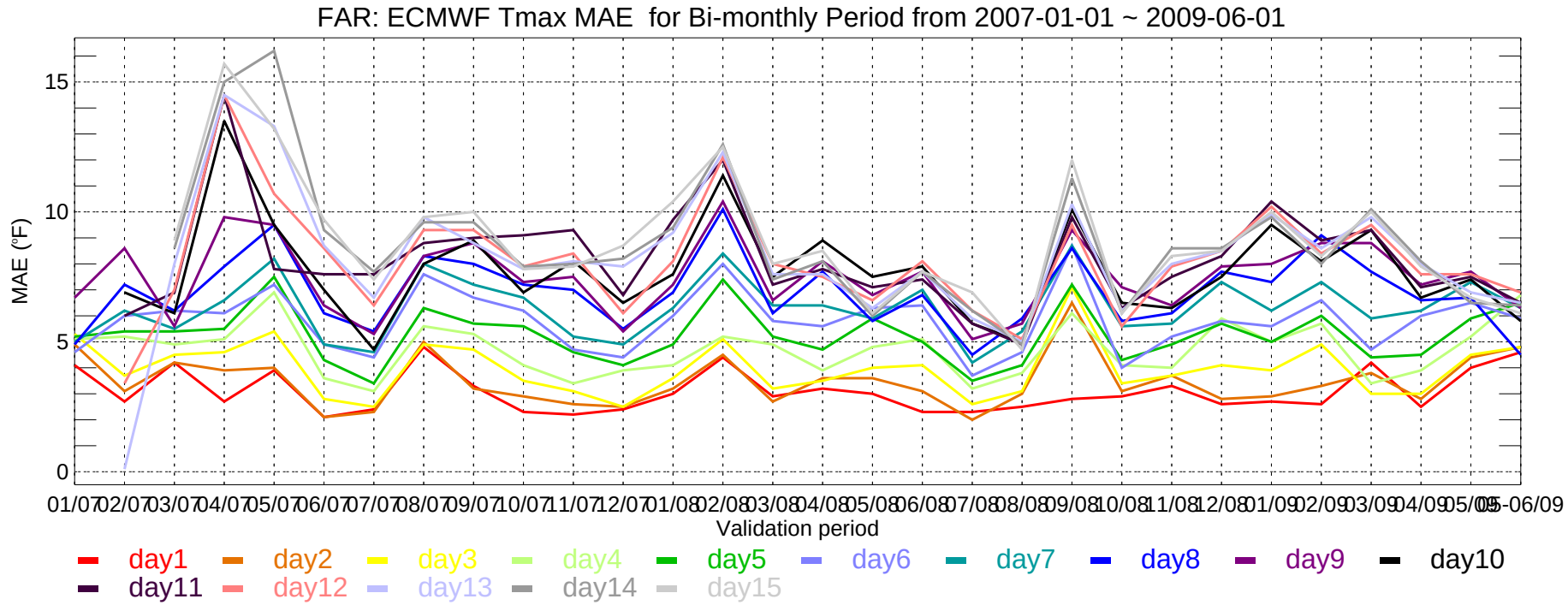
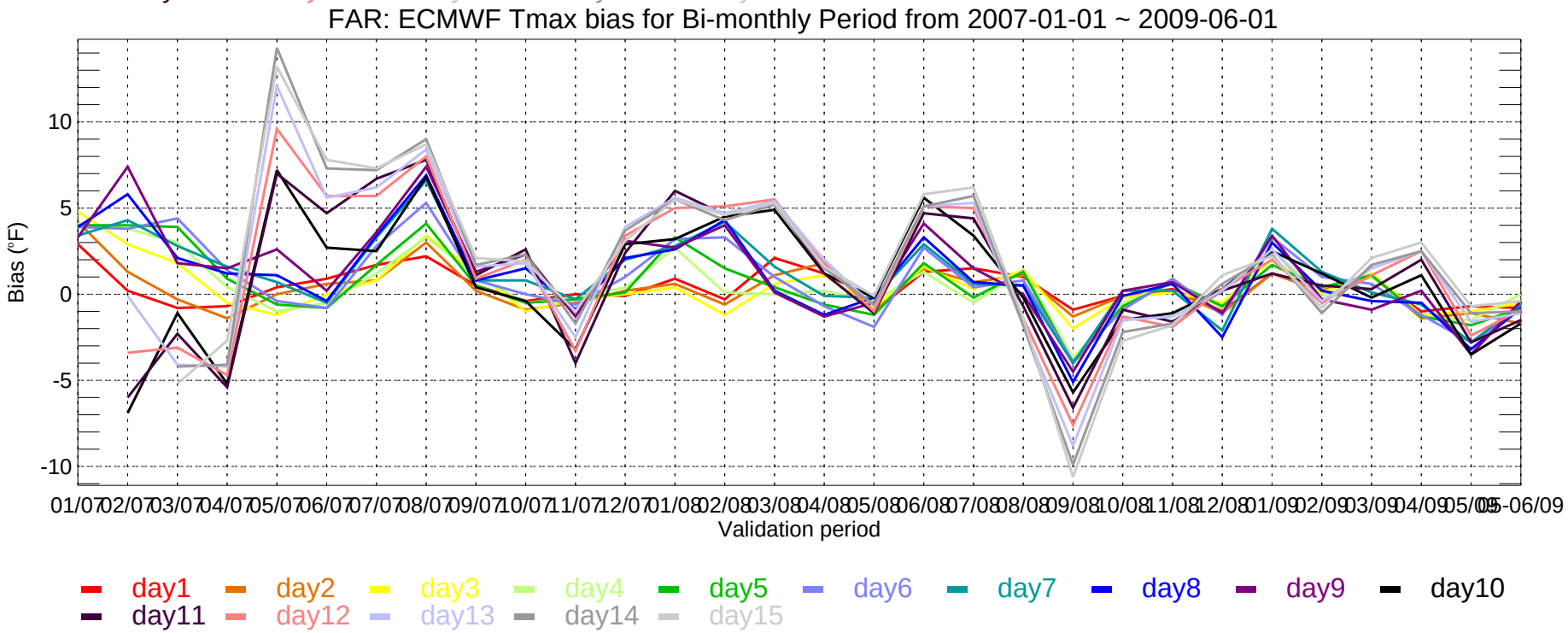
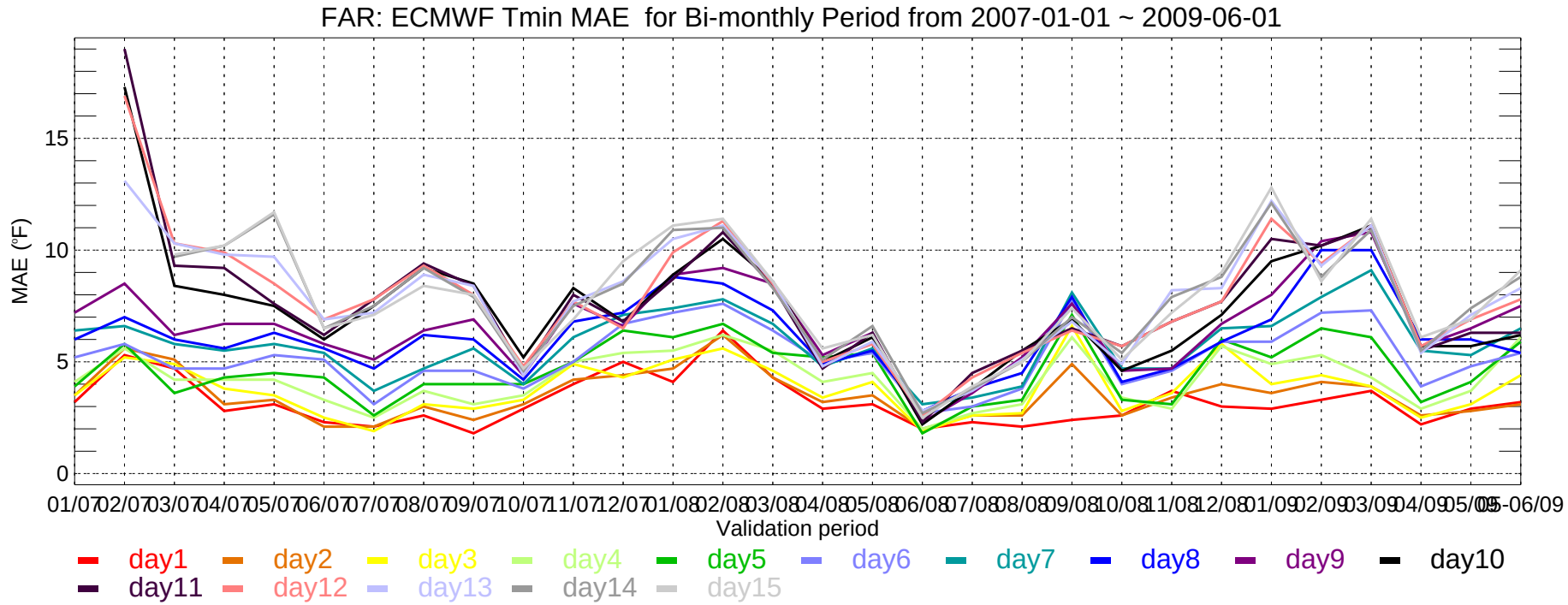
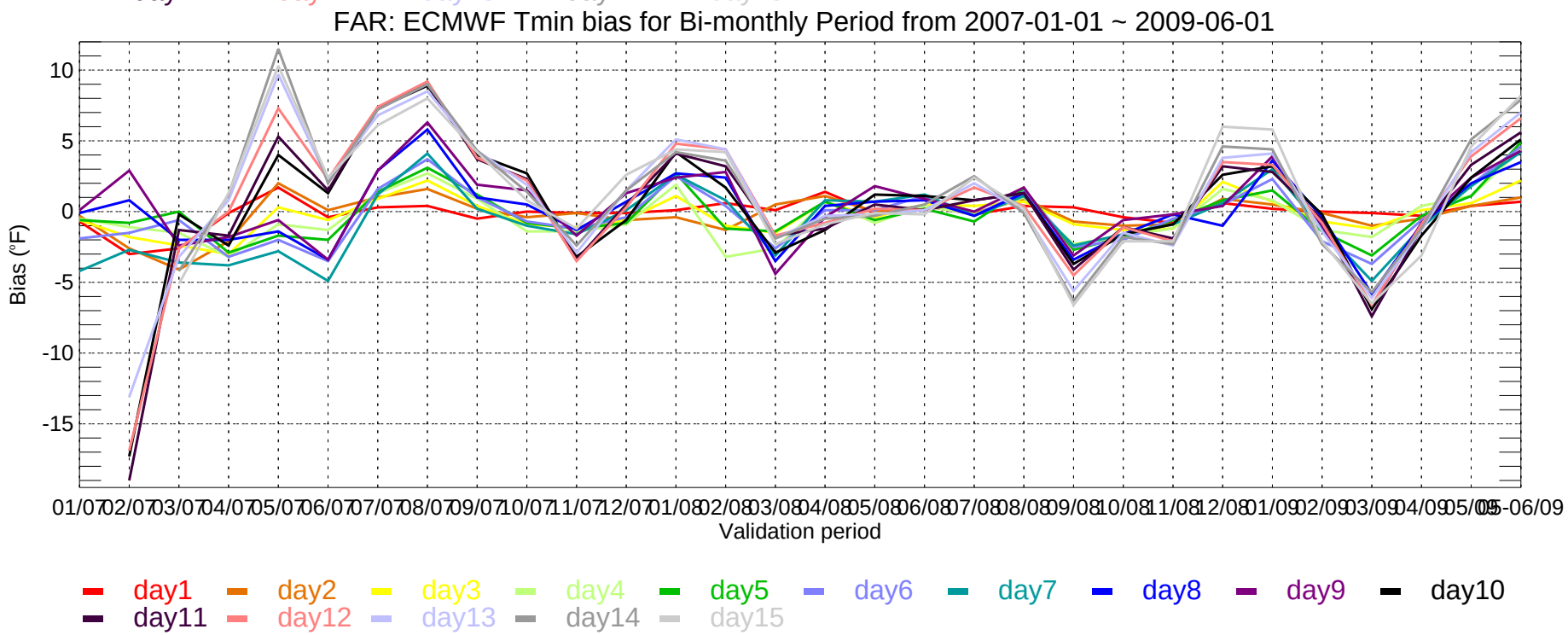
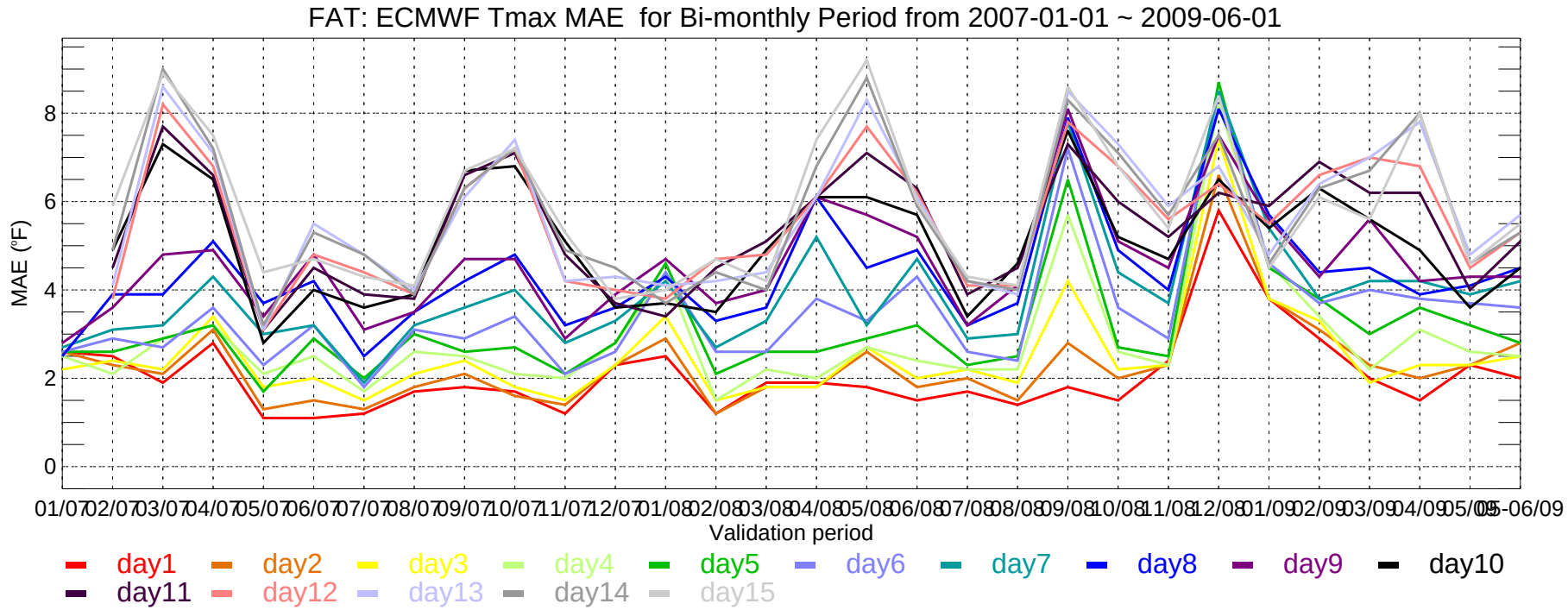
day11 day12 day13 day14 day15

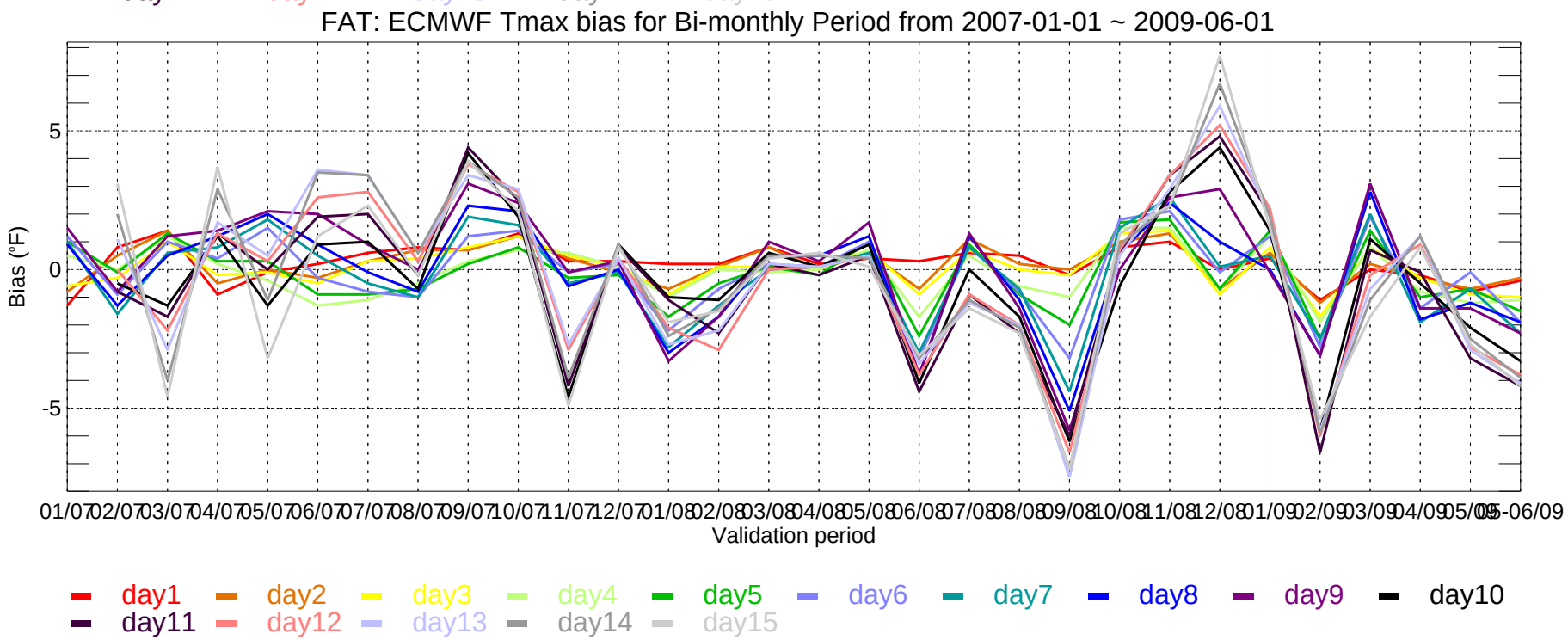

FAR: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

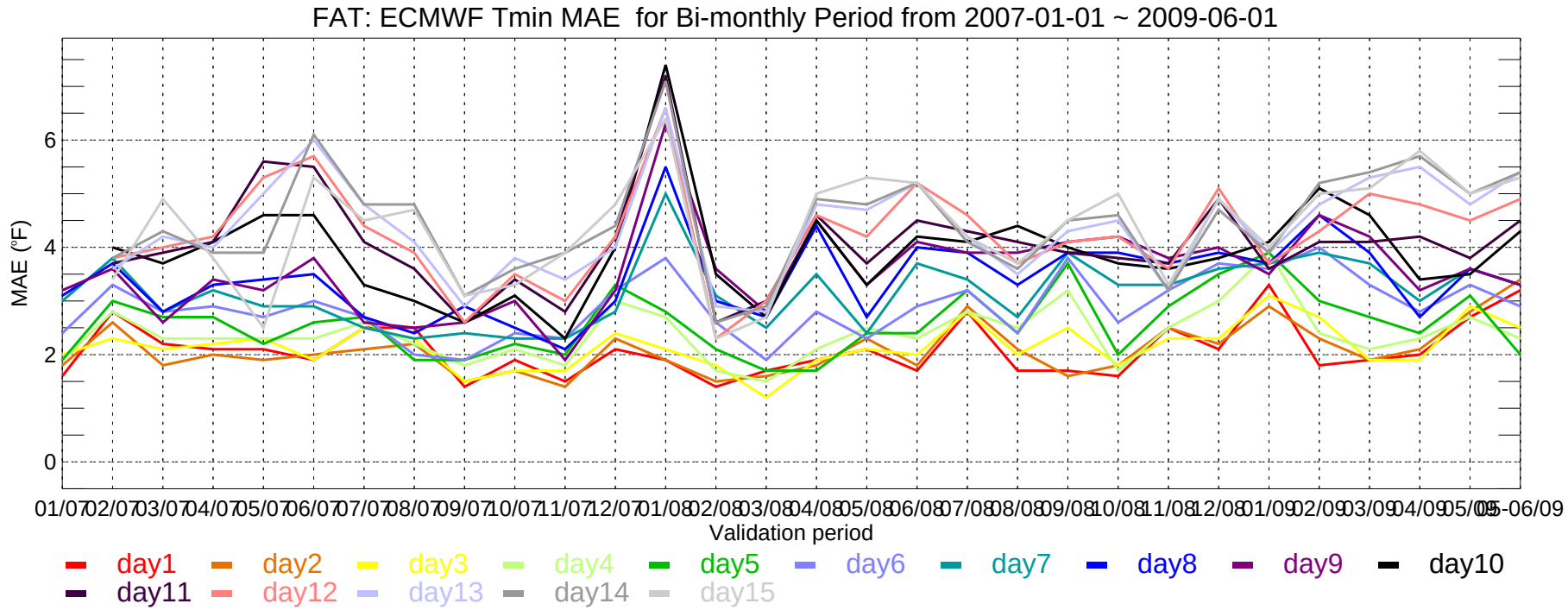

FAR: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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


FAR: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FAR: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FAT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FAT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FAT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
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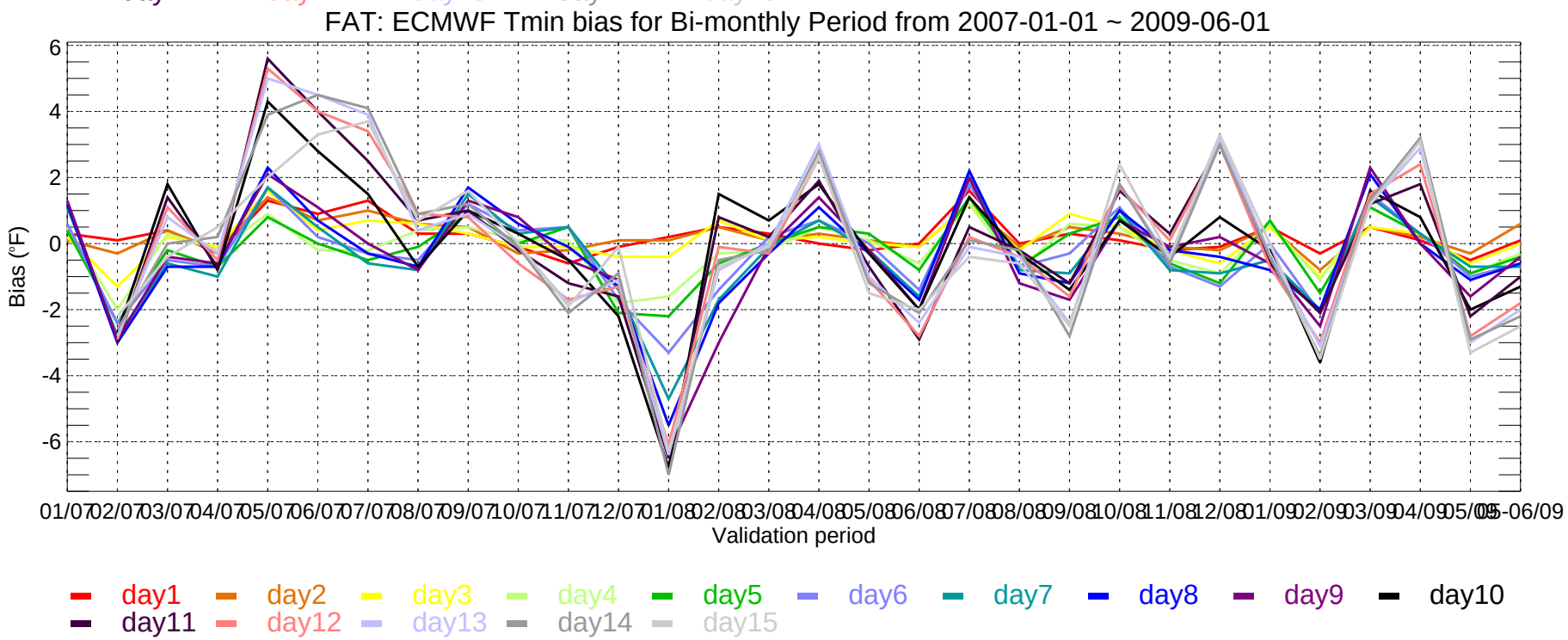
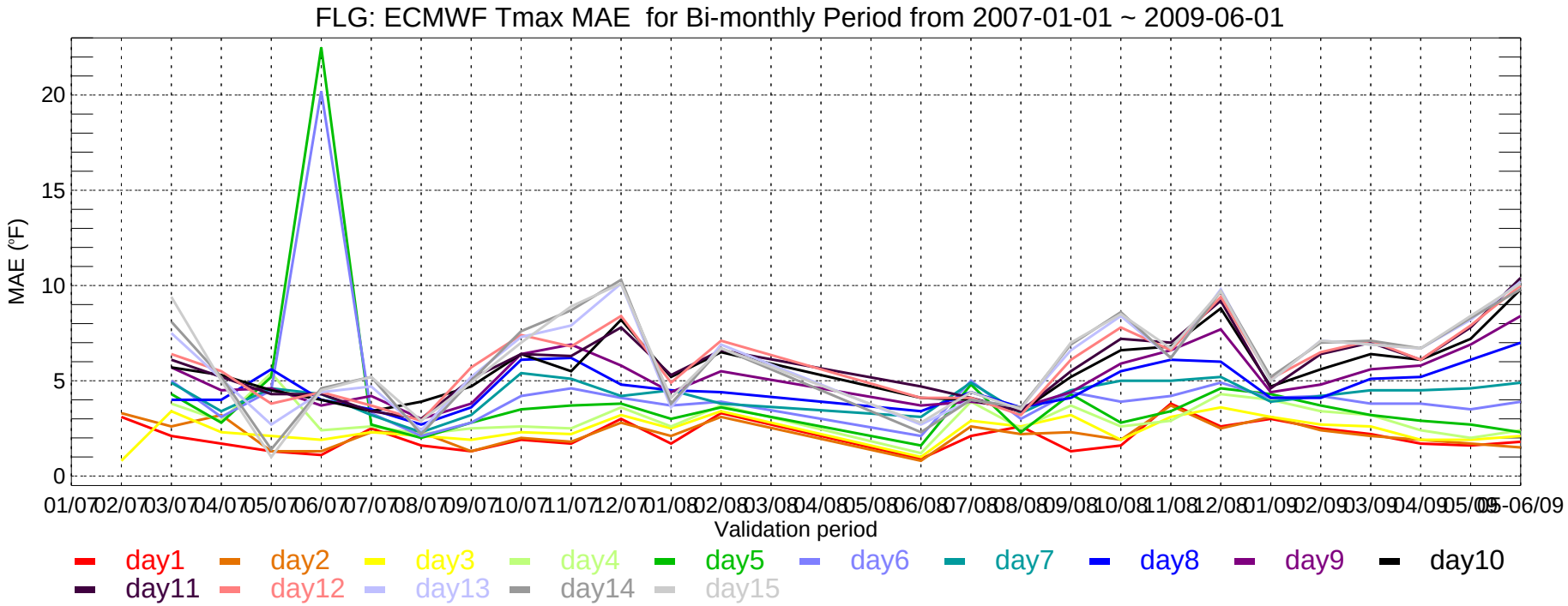
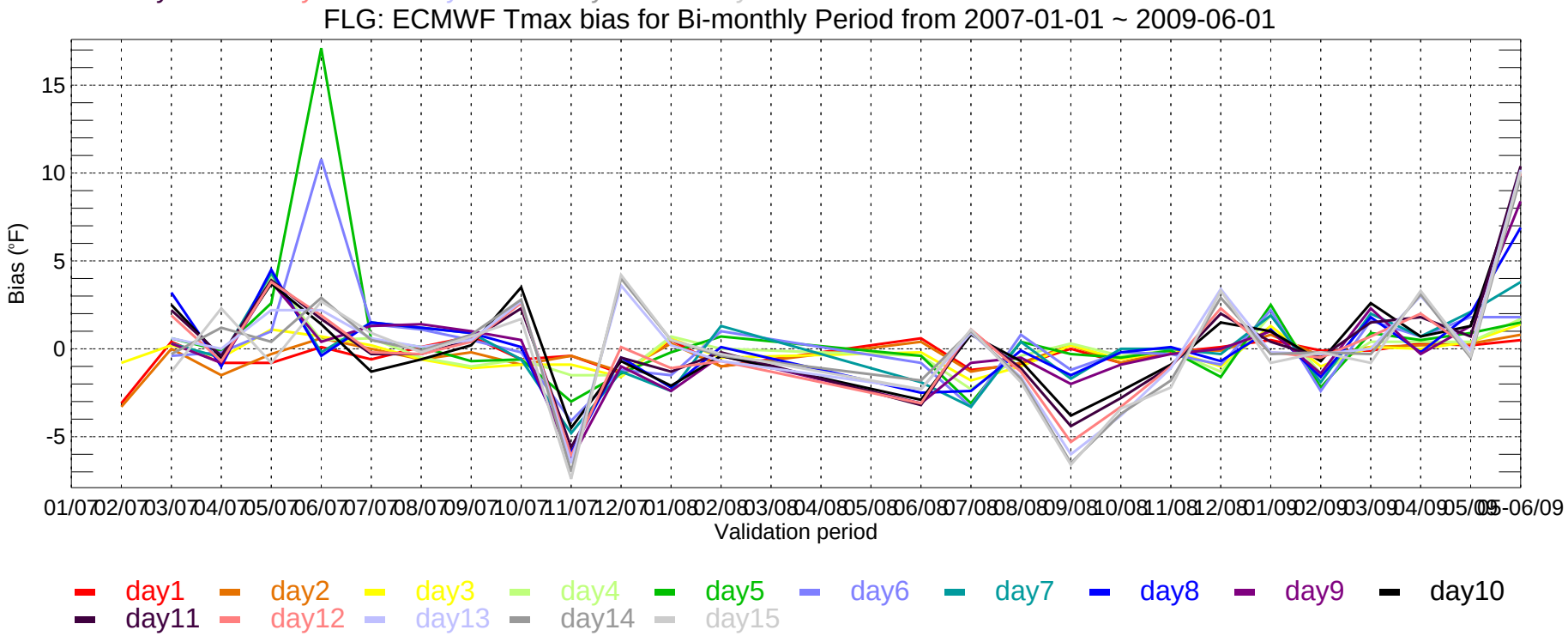
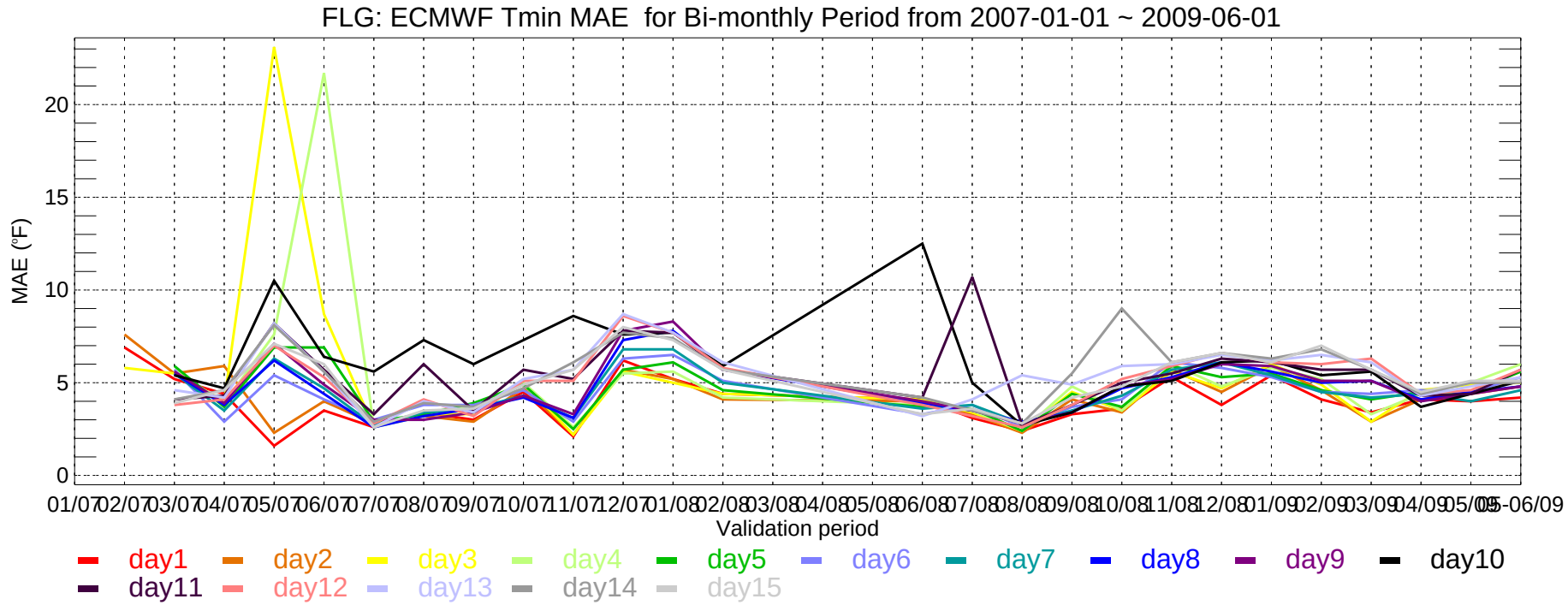
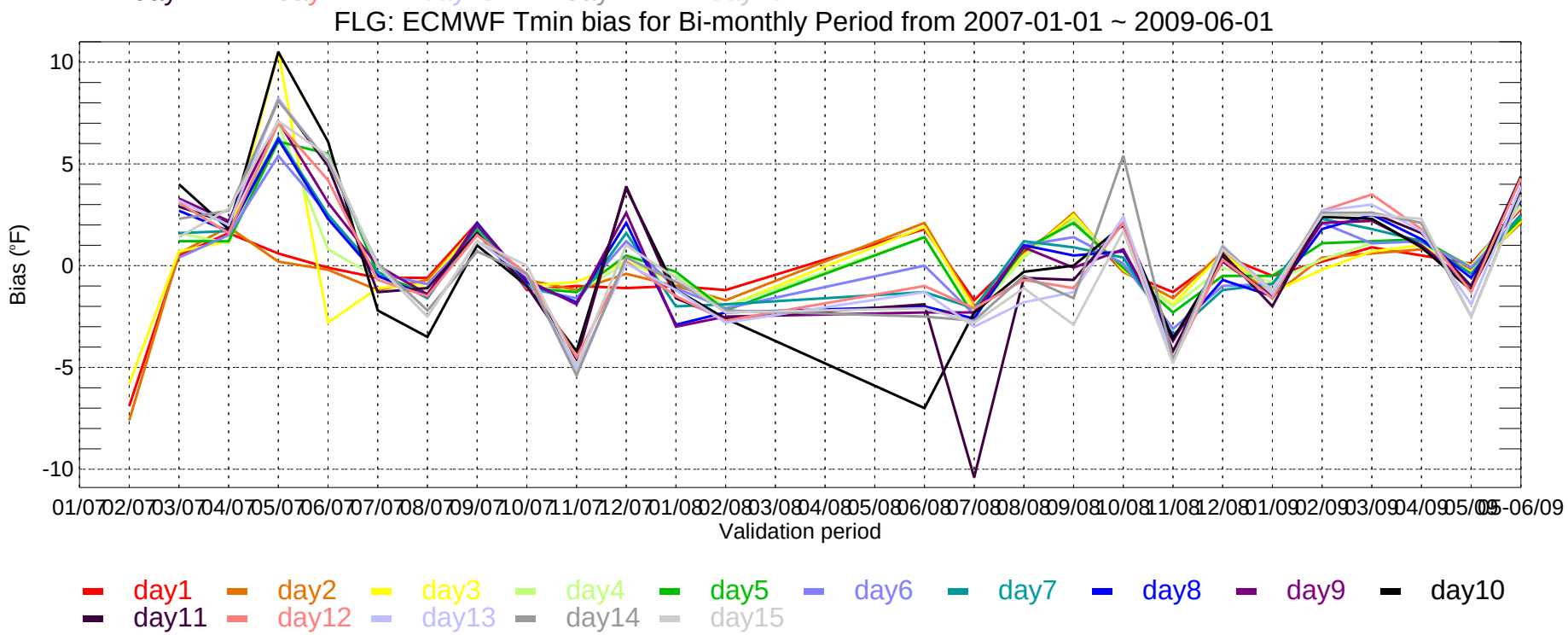
day11 day12 day13 day14 day15

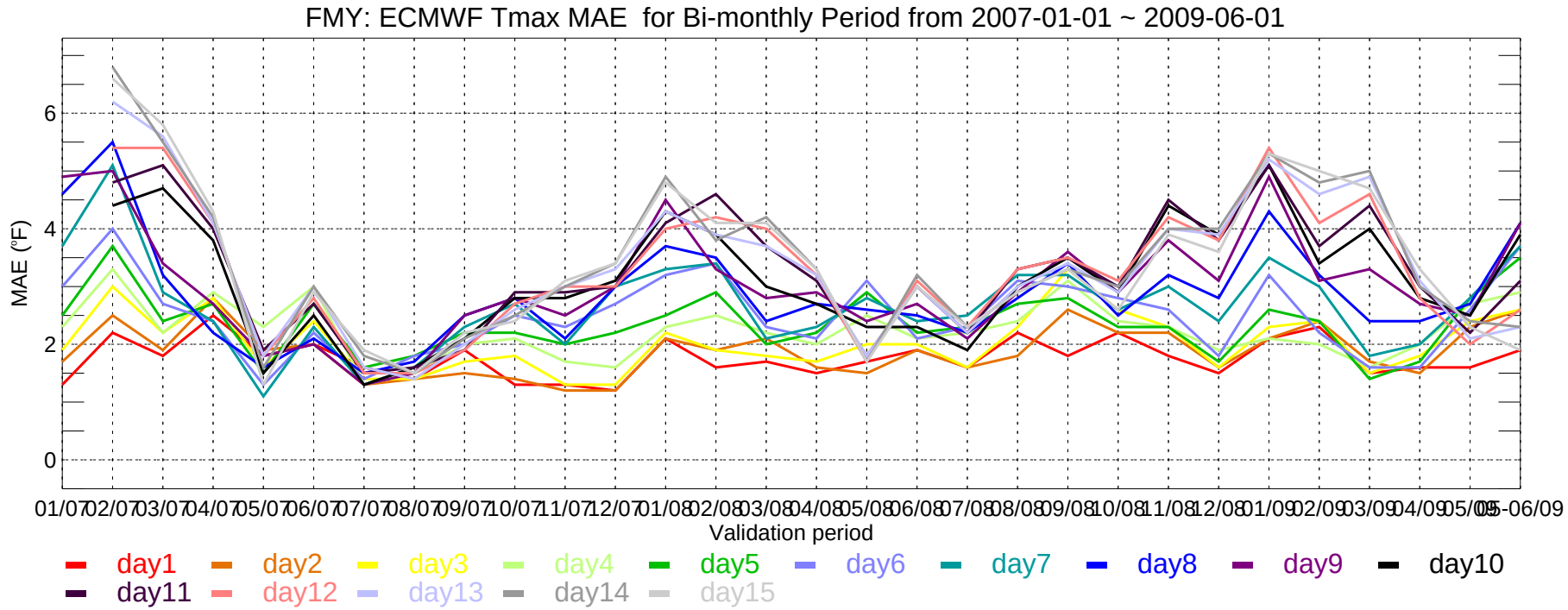

FAT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

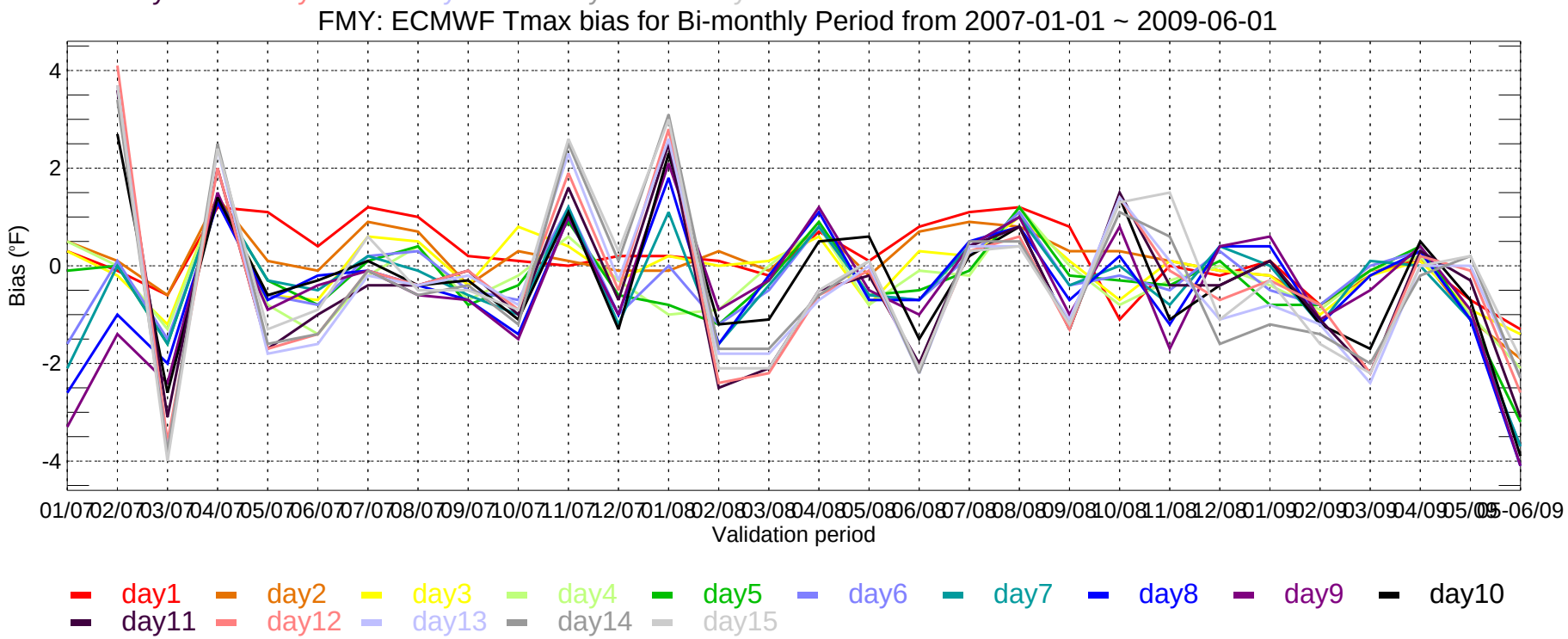

FLG: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

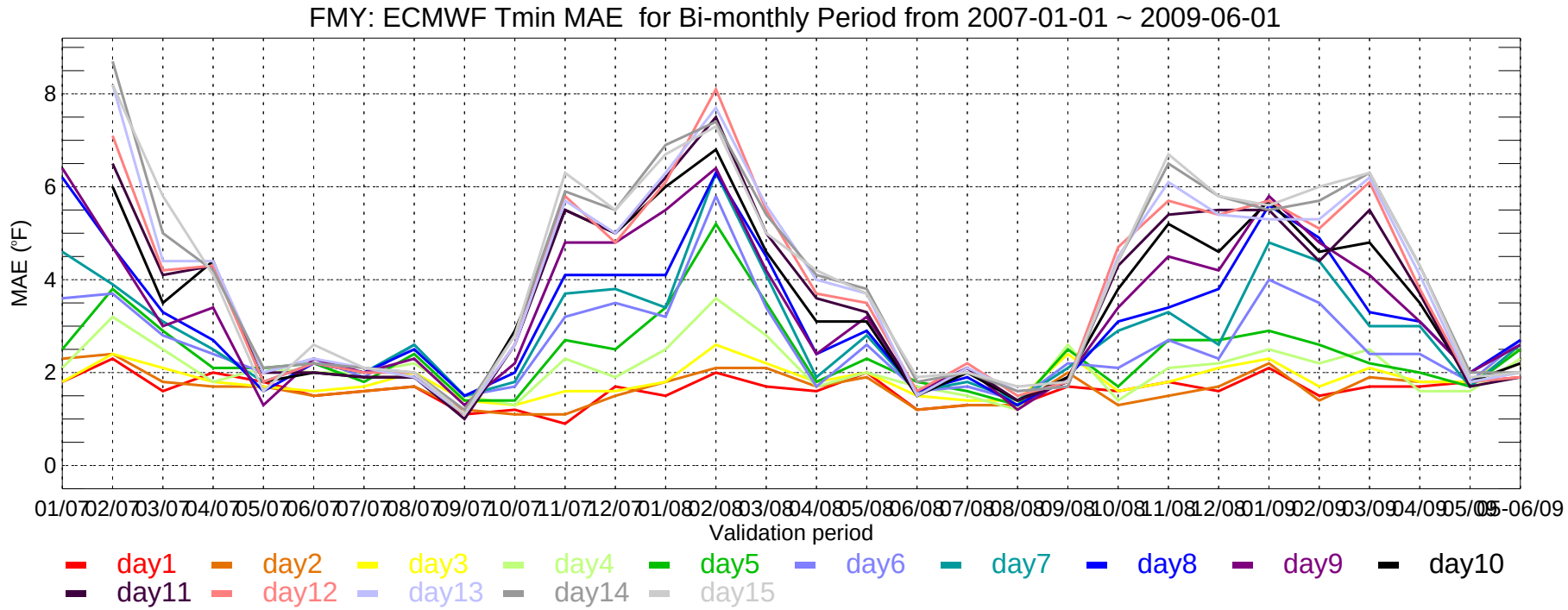

FLG: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

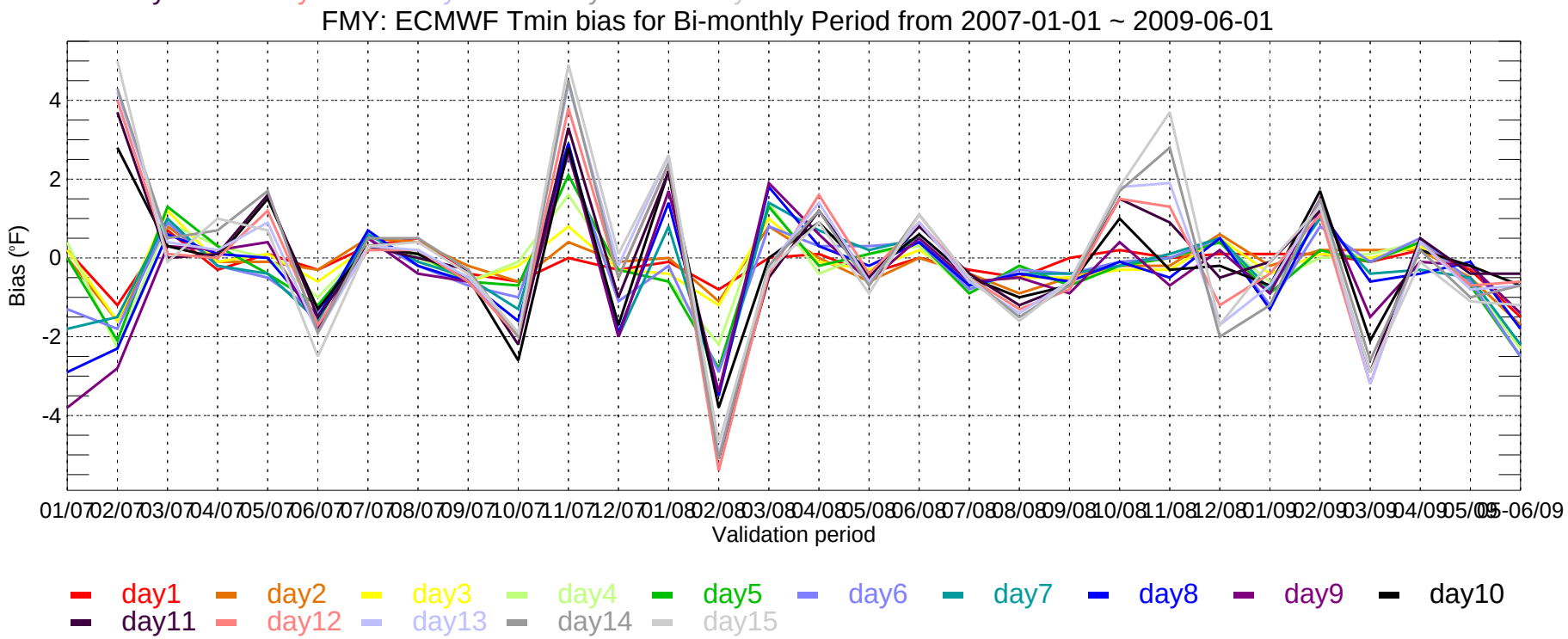

FLG: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

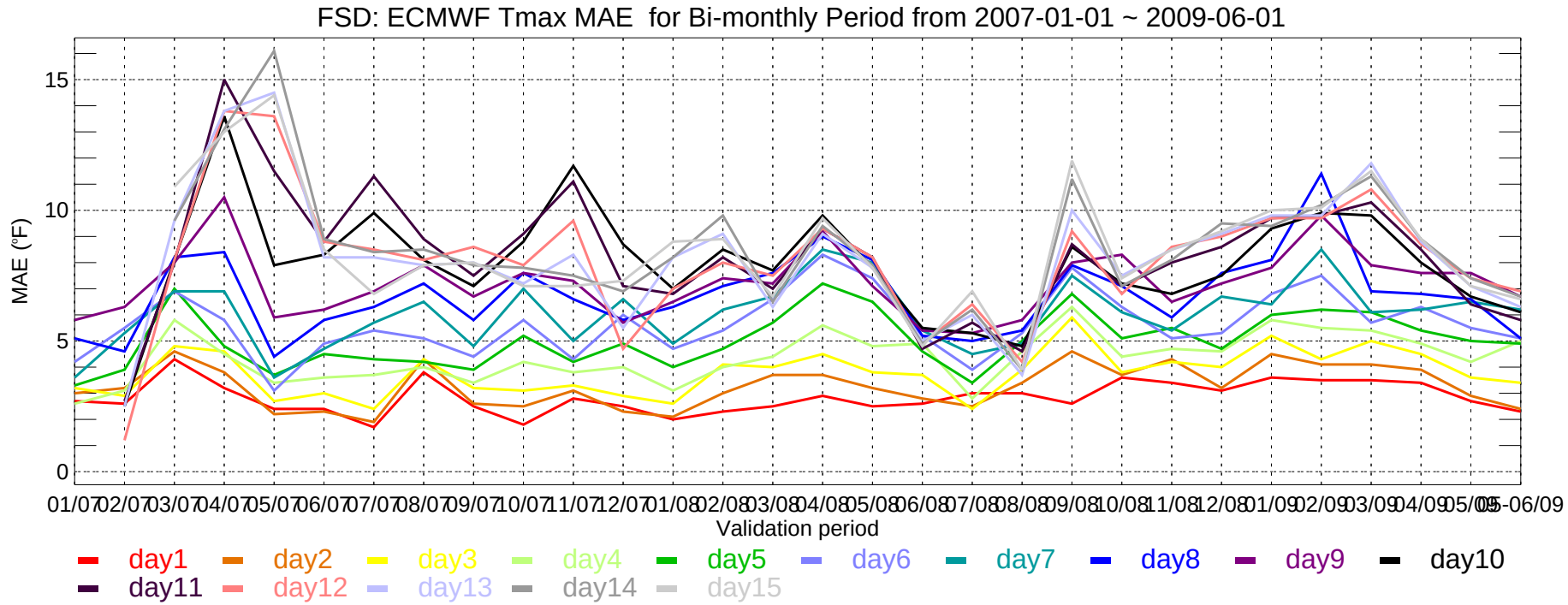

FLG: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

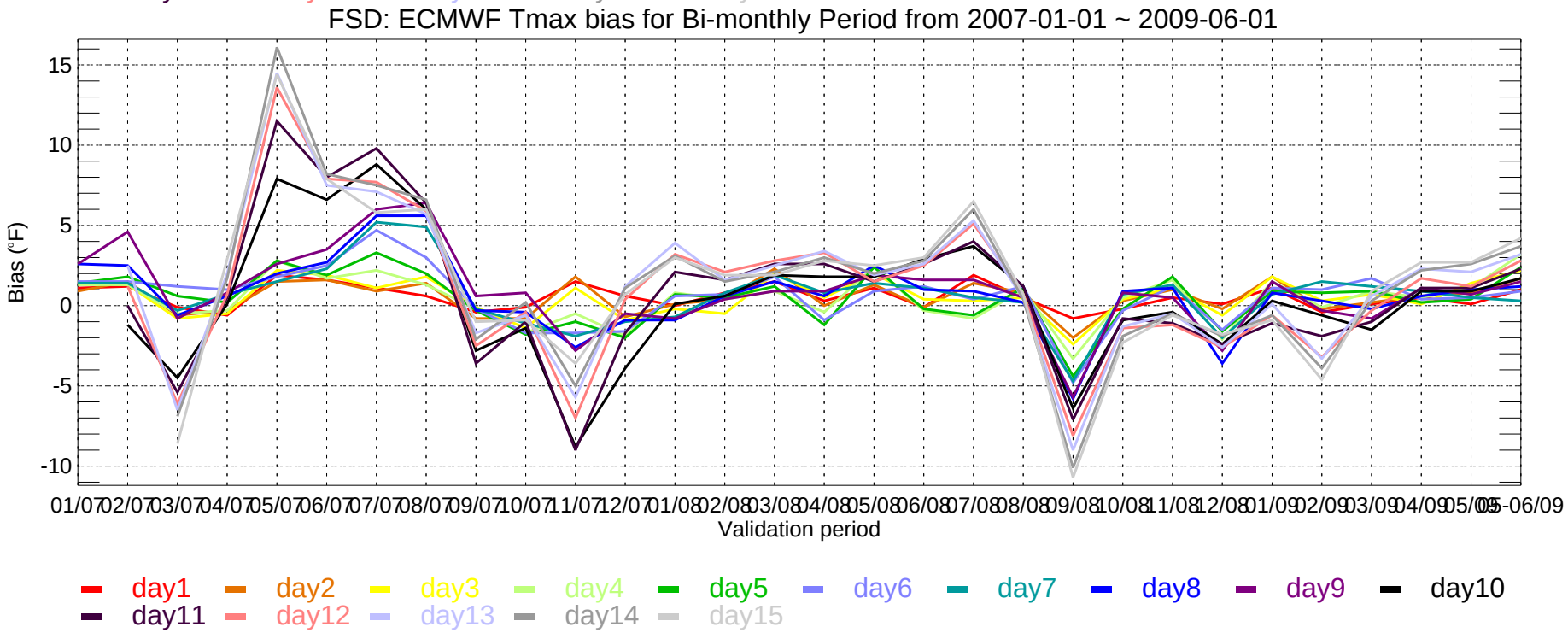

FMY: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

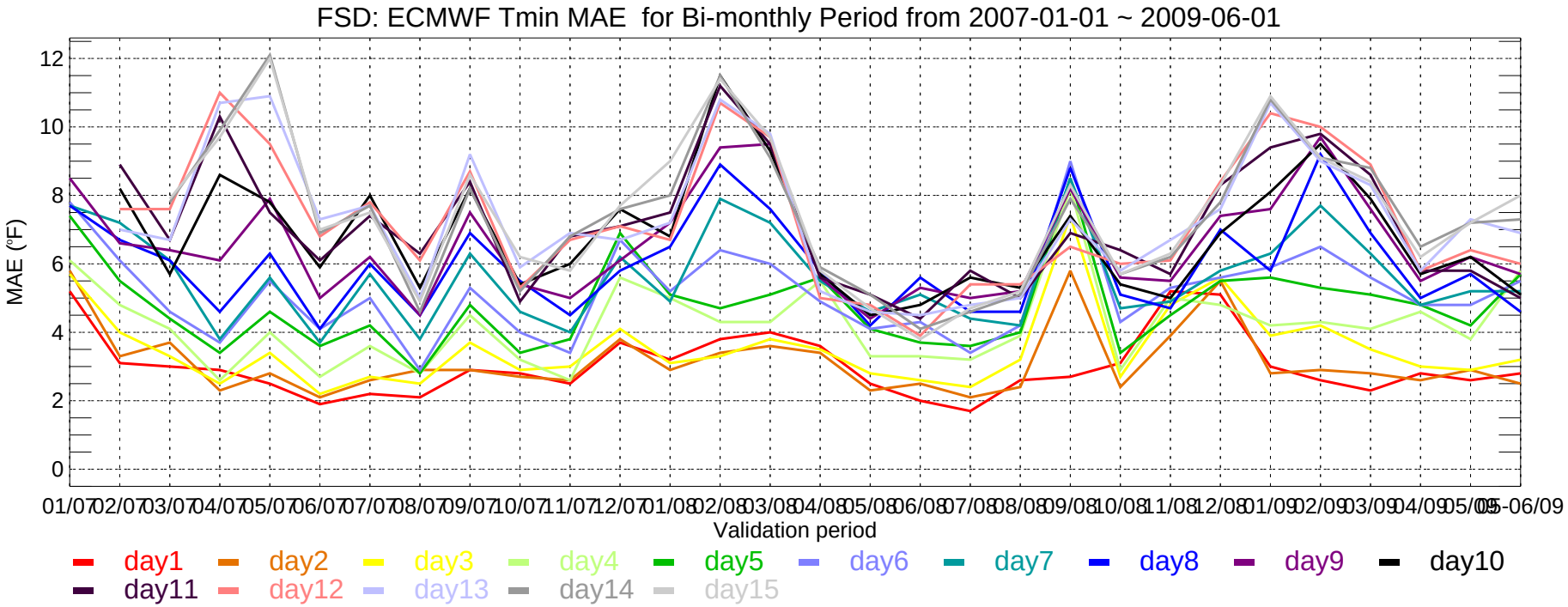

FMY: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

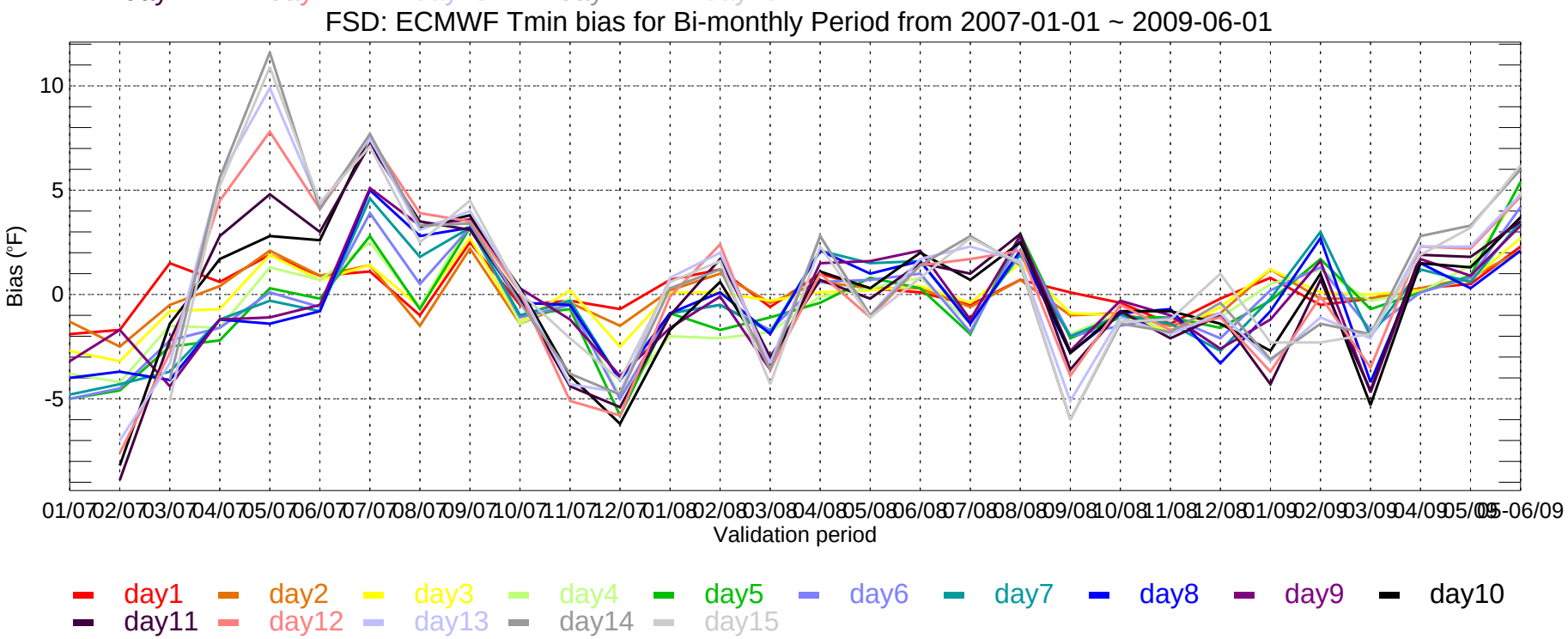

FMY: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

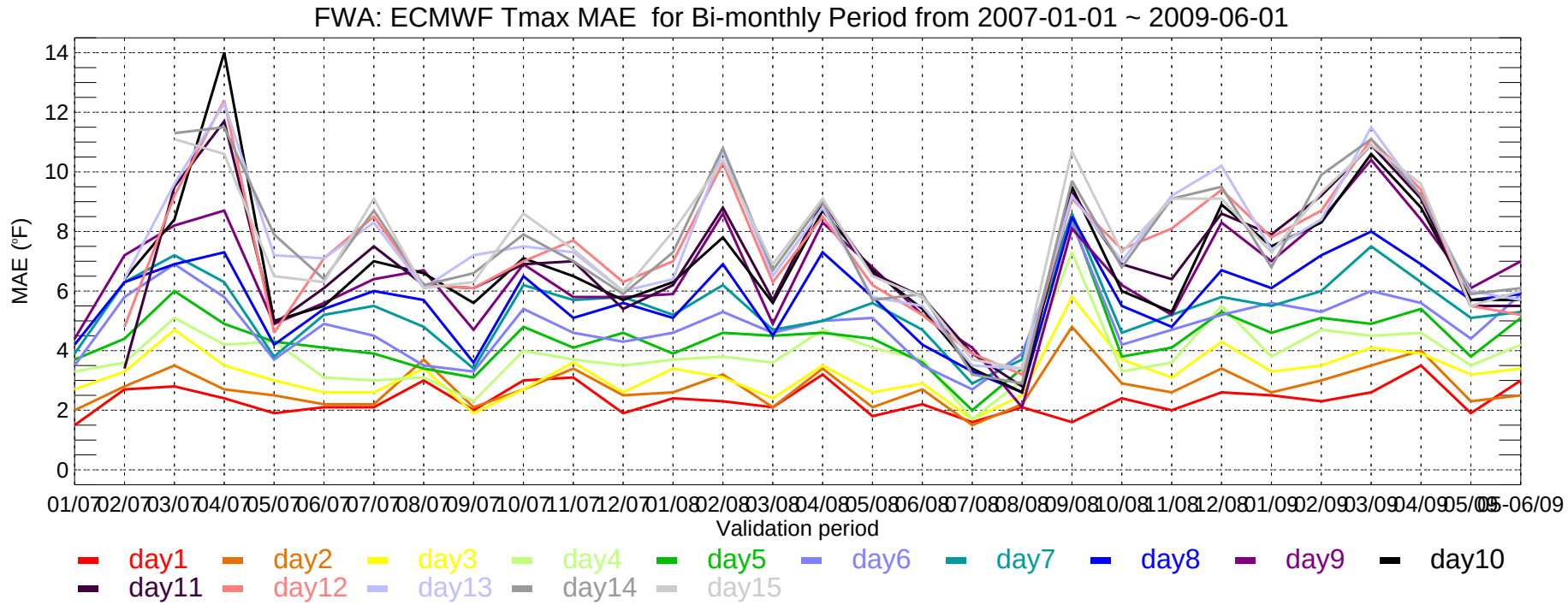

FMY: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

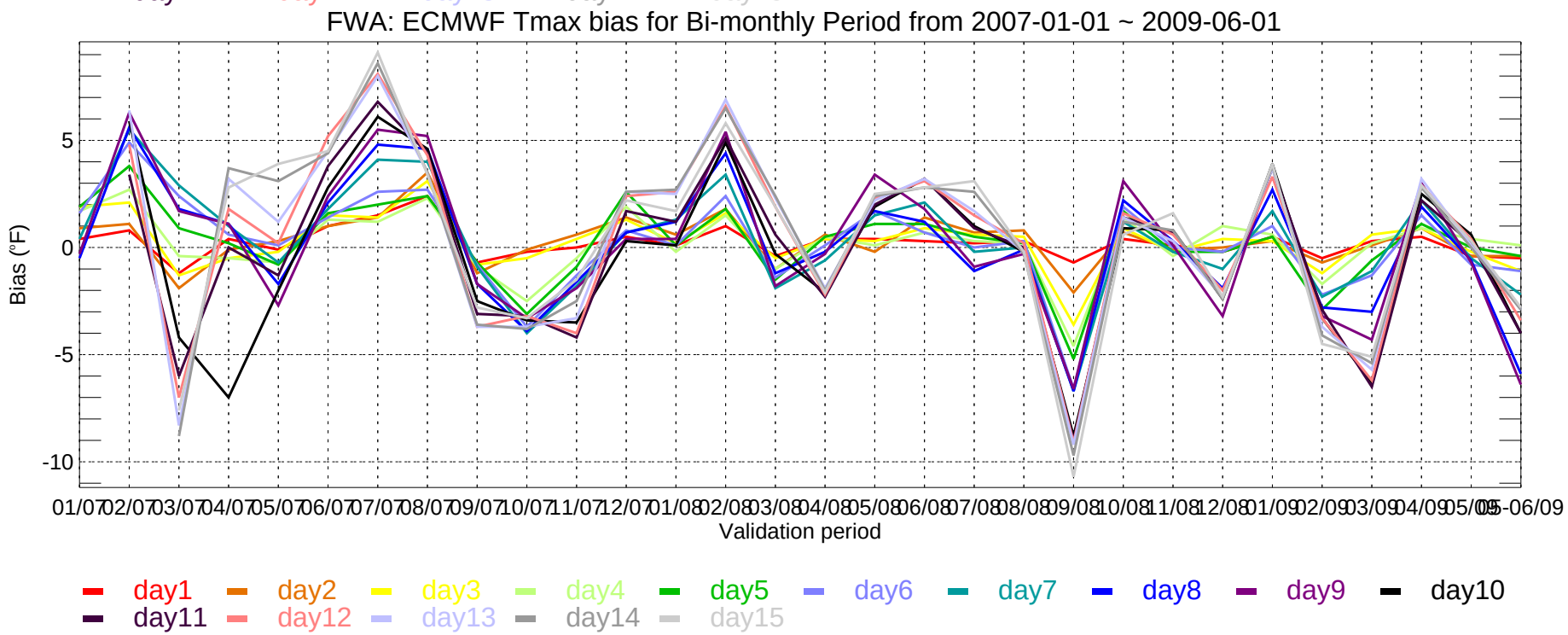

FSD: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

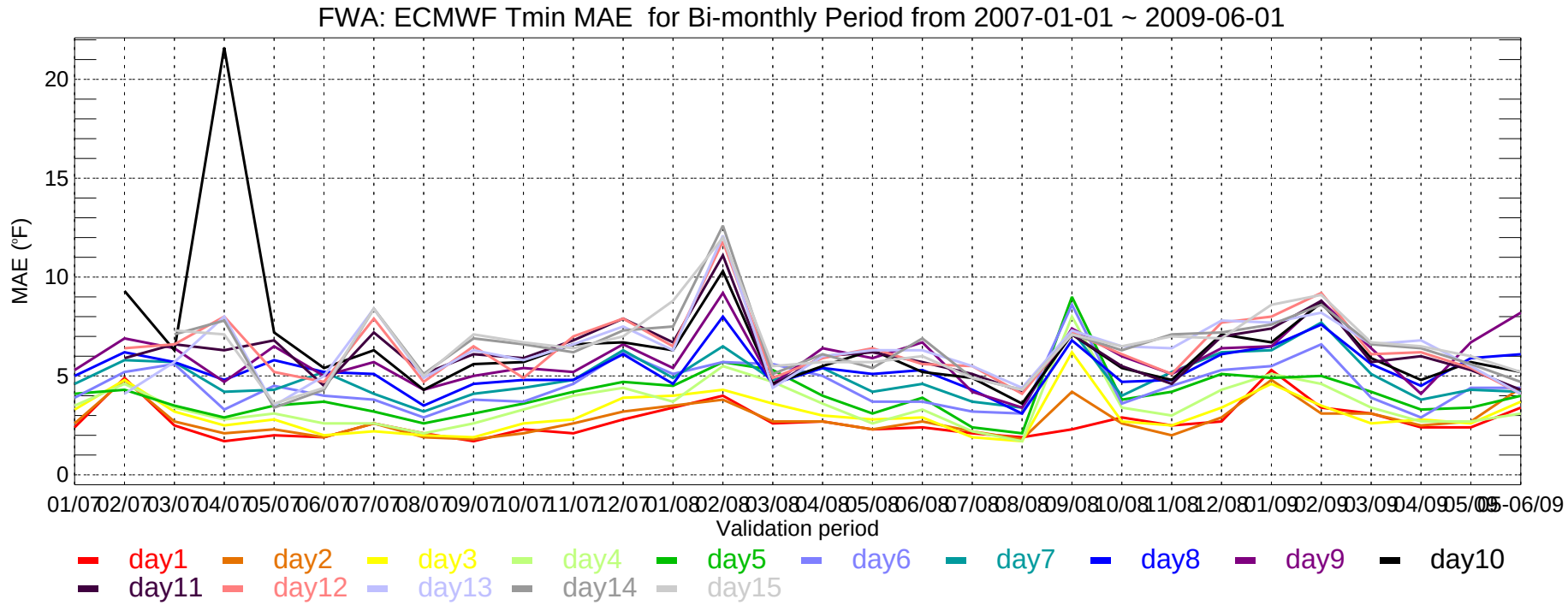

FSD: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
15
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

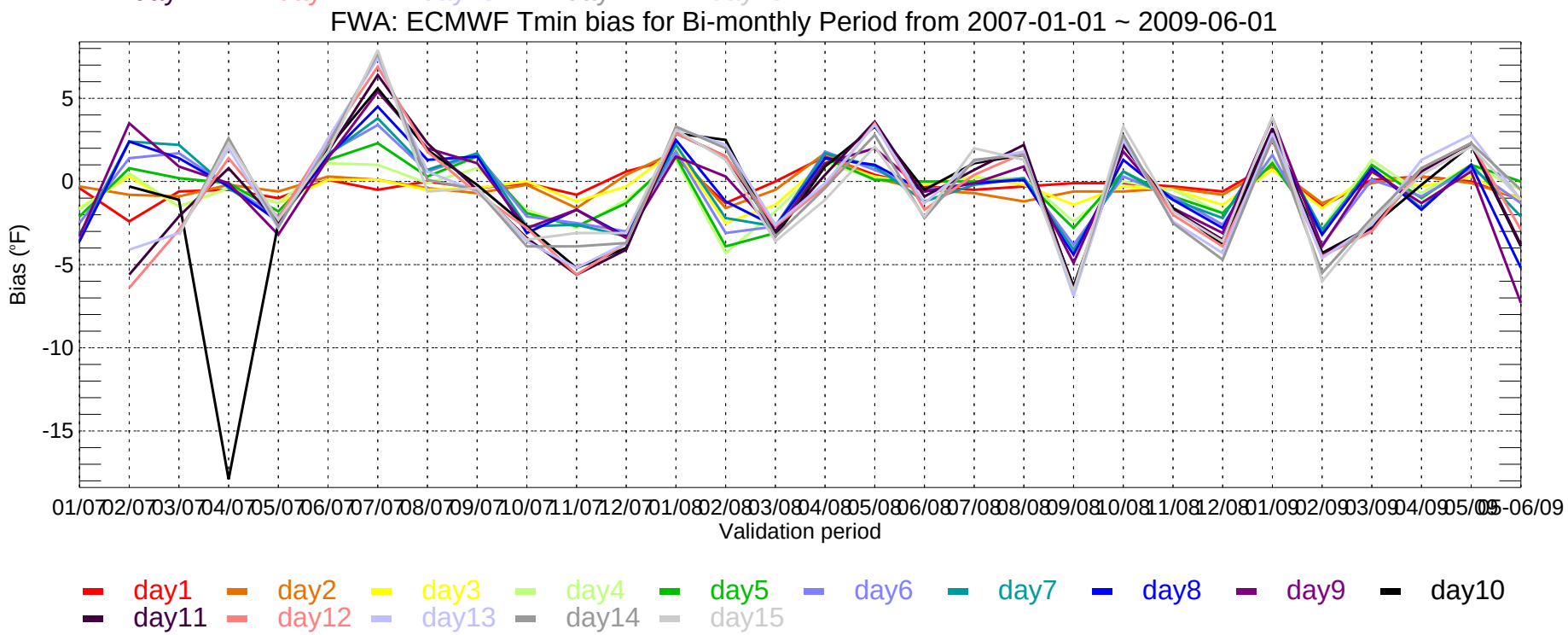

FSD: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

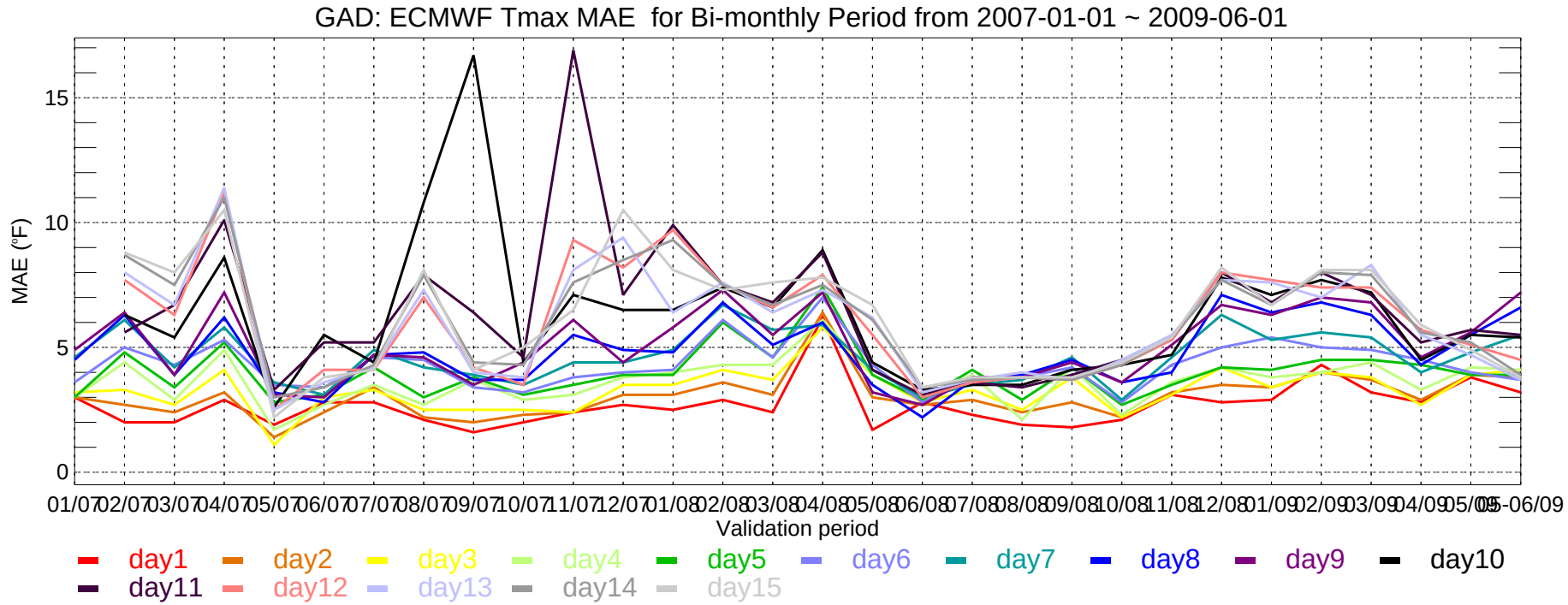

FSD: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

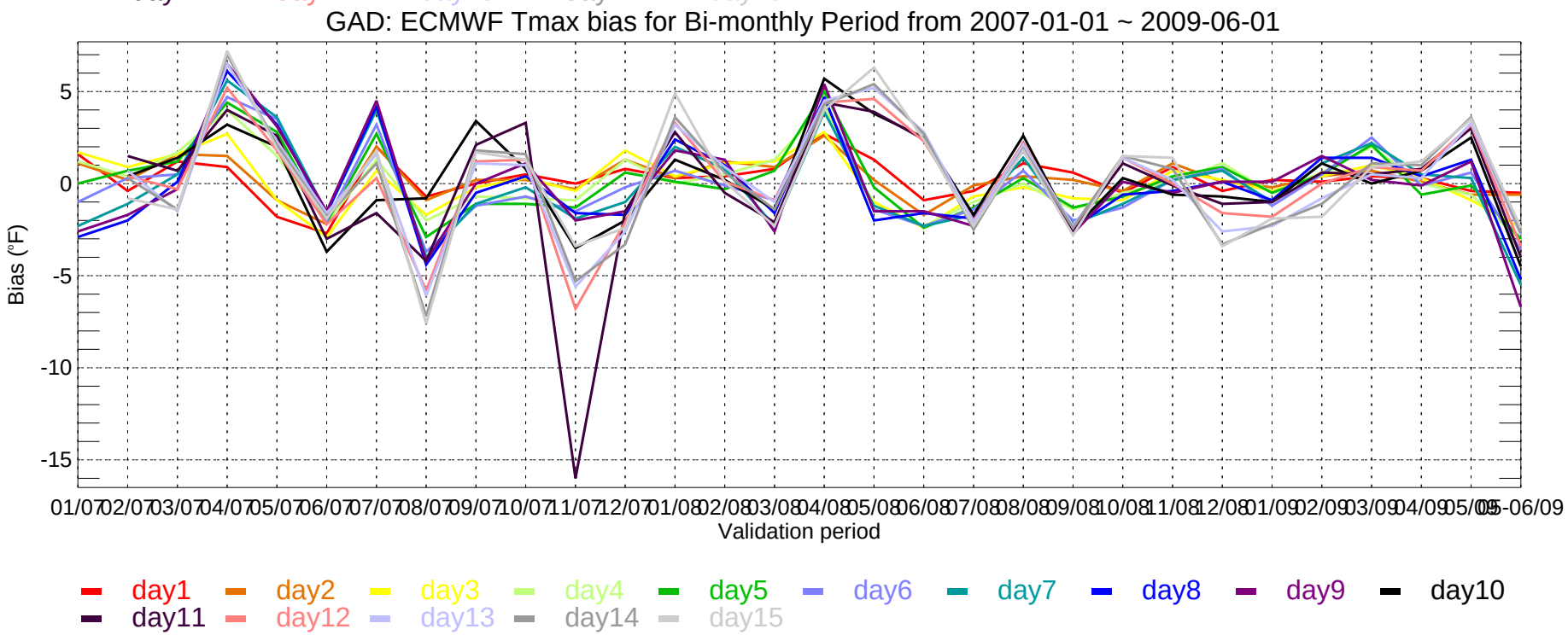

FWA: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

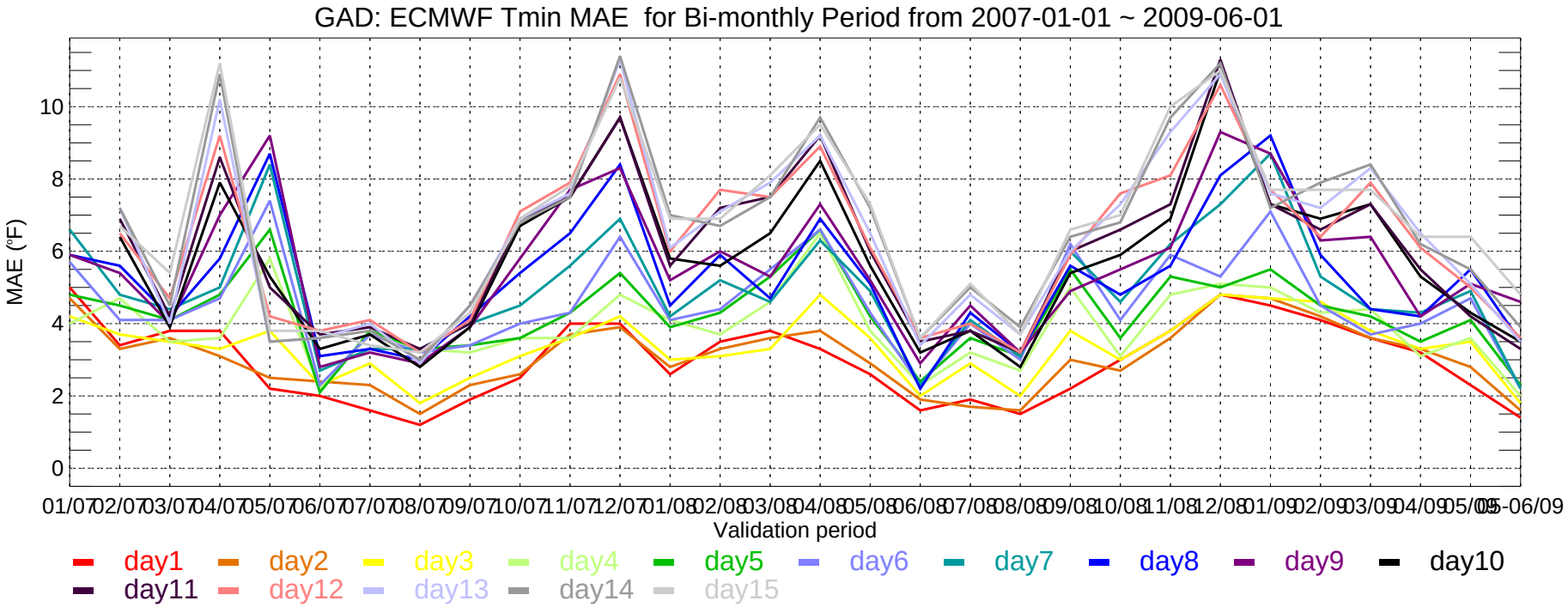

FWA: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

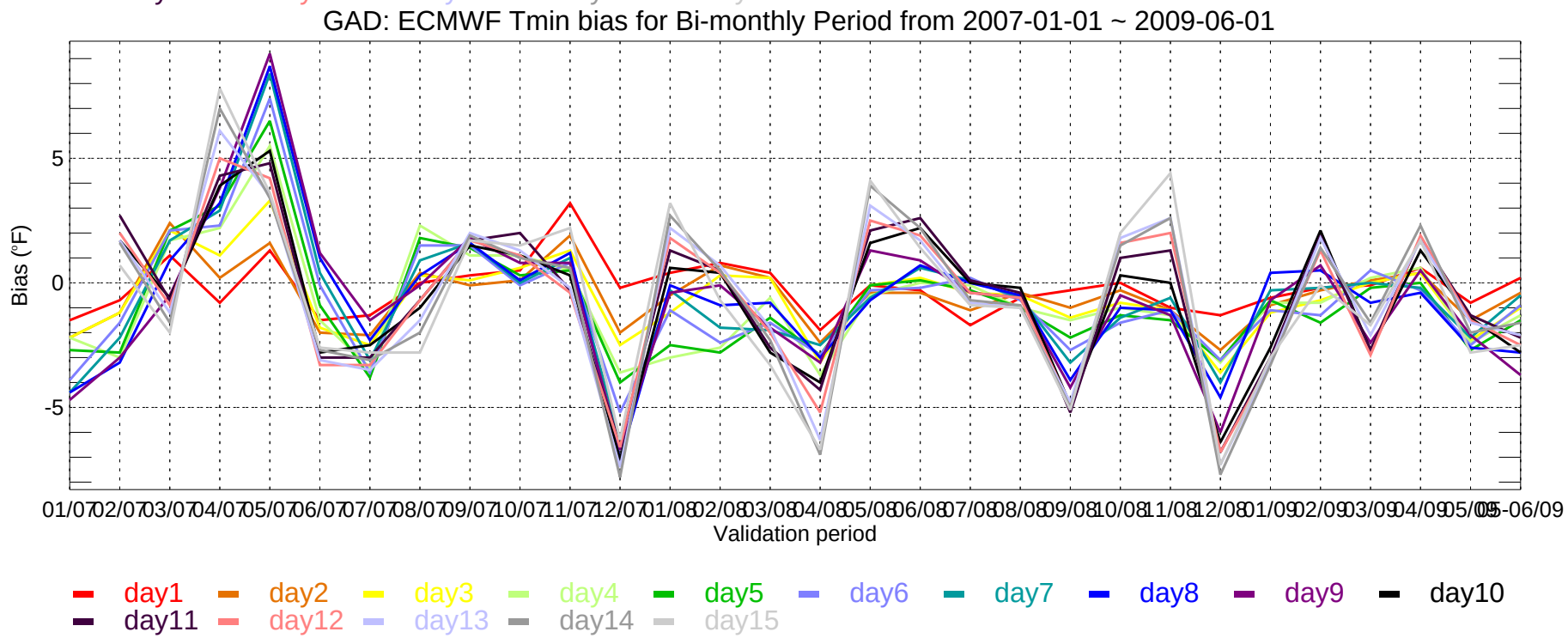

FWA: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

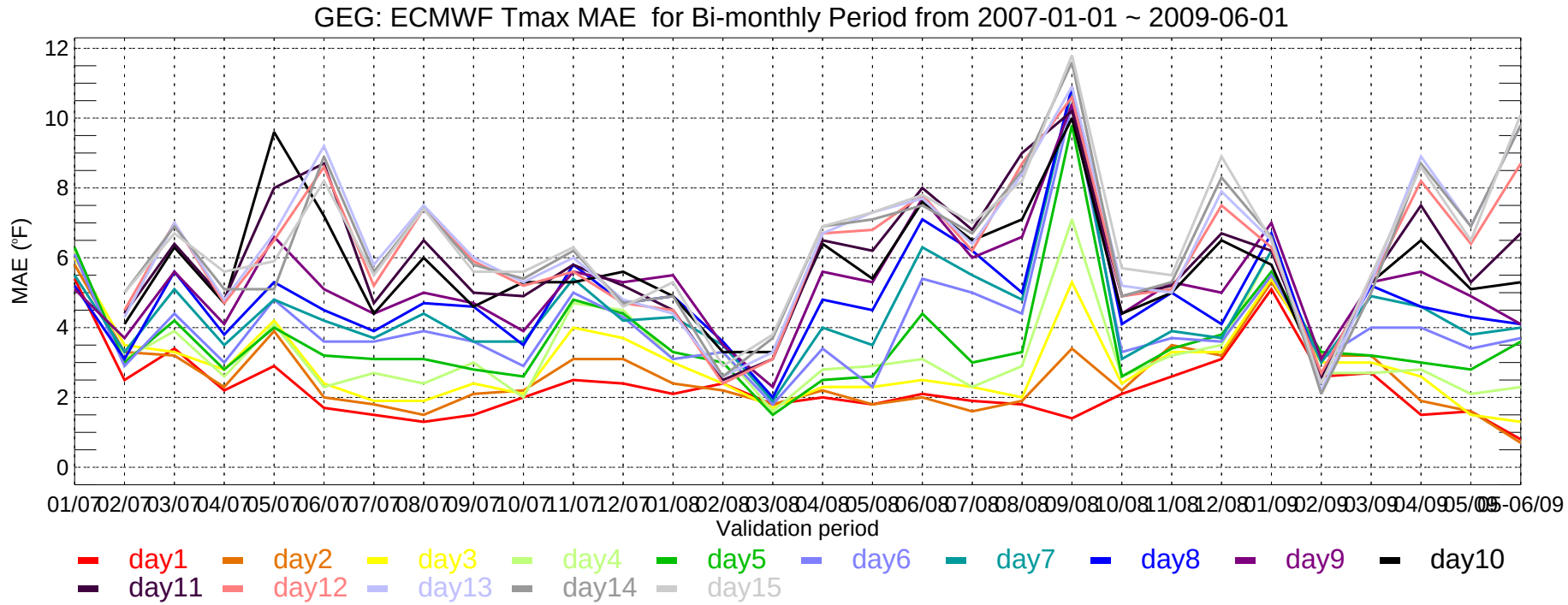

FWA: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

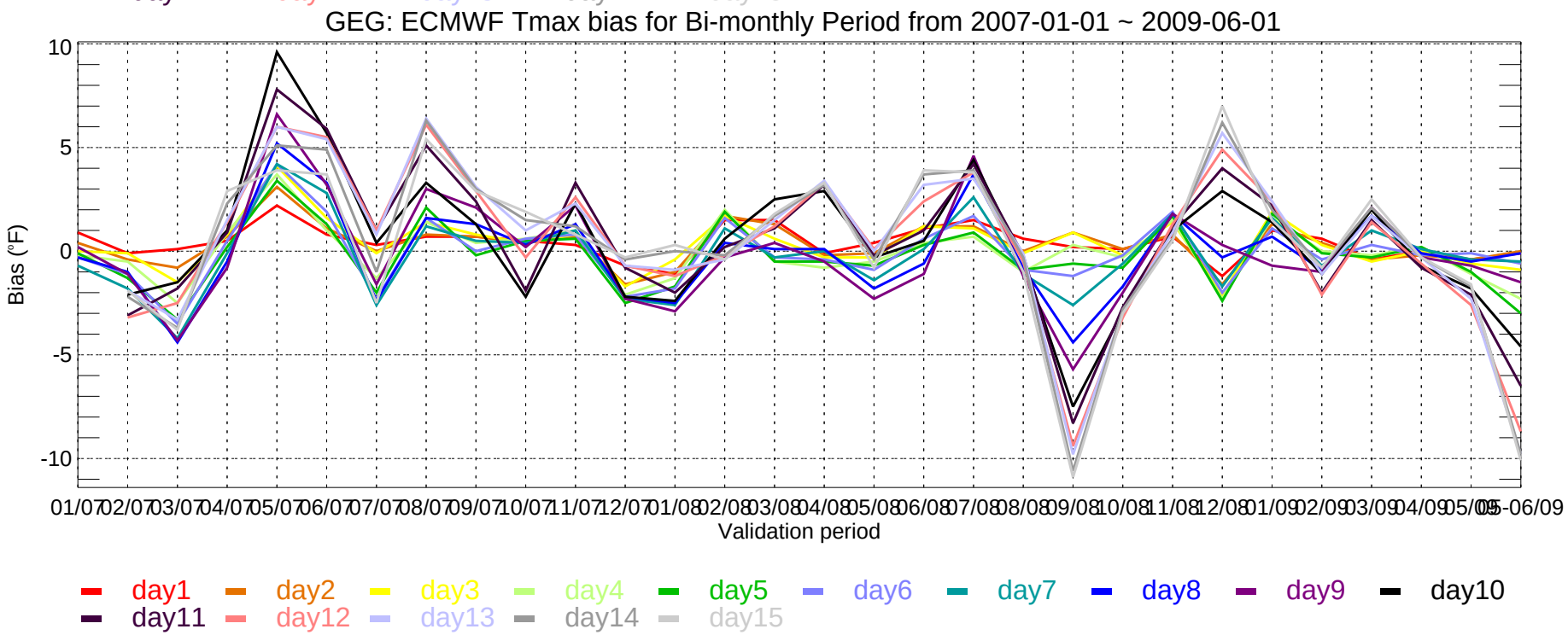

GAD: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

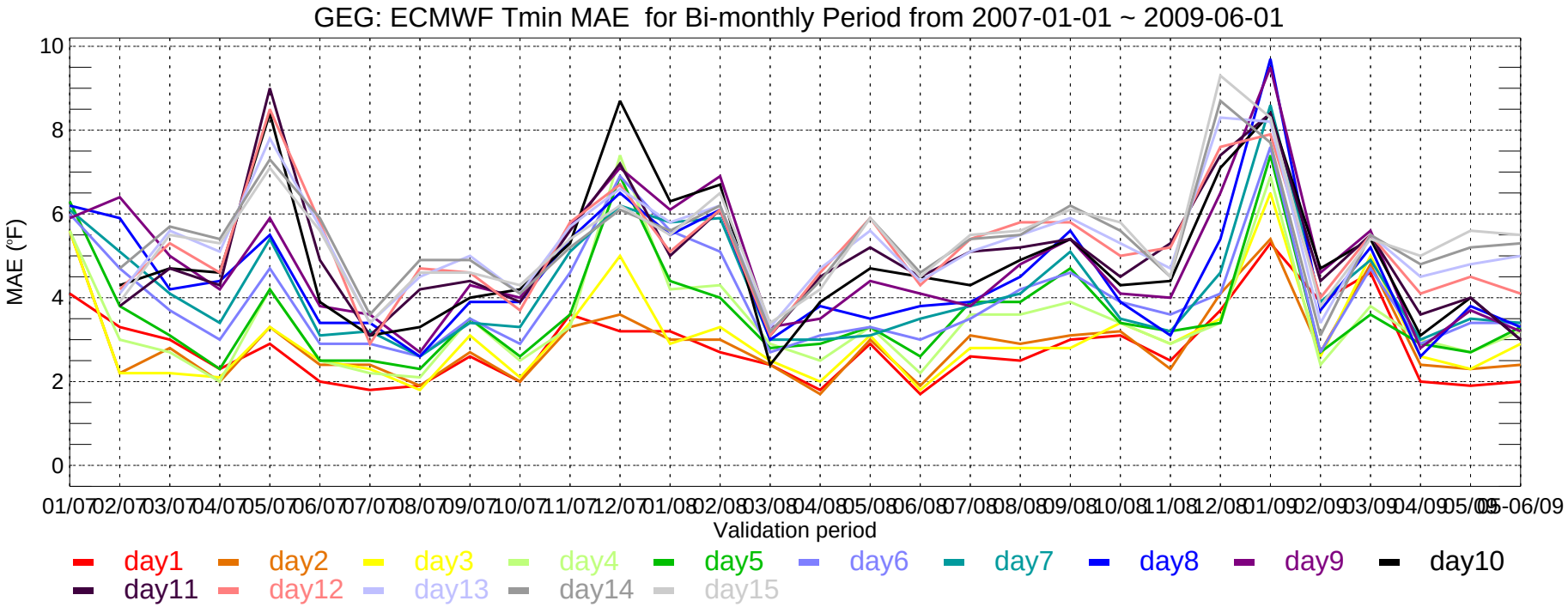

GAD: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

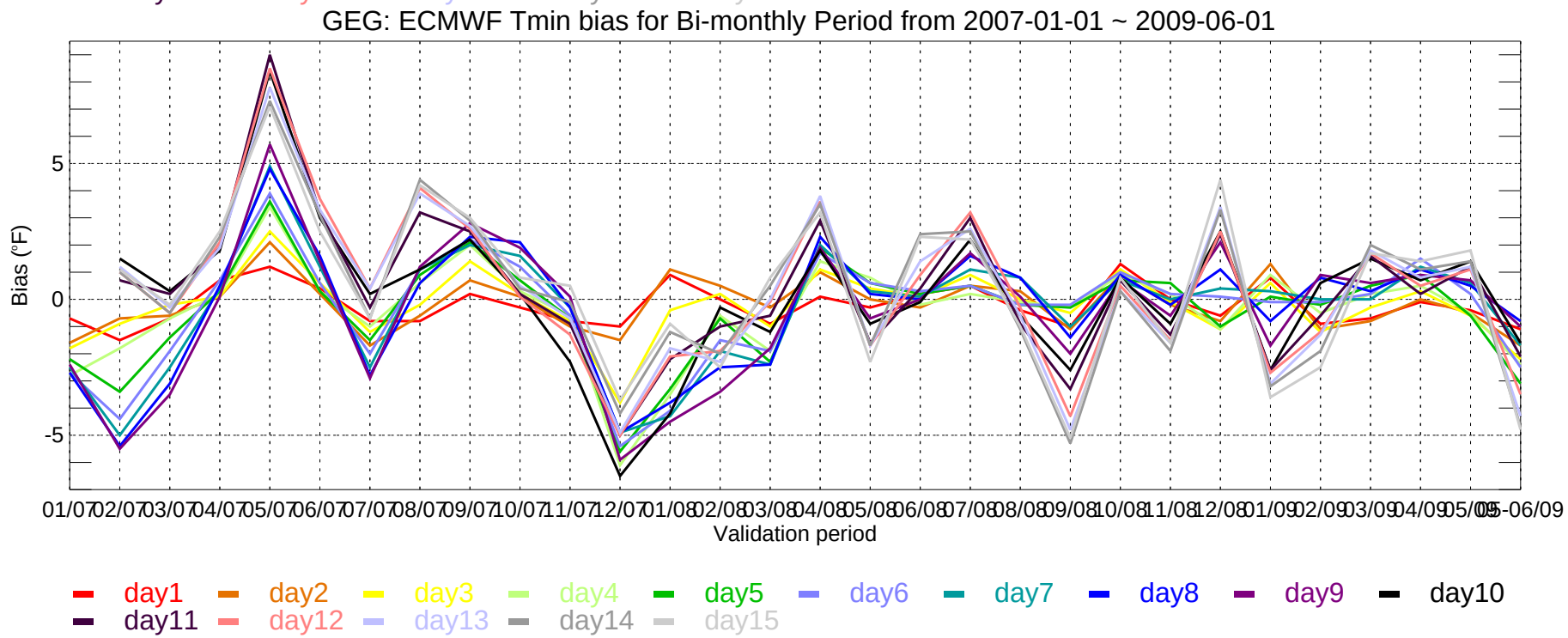

GAD: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

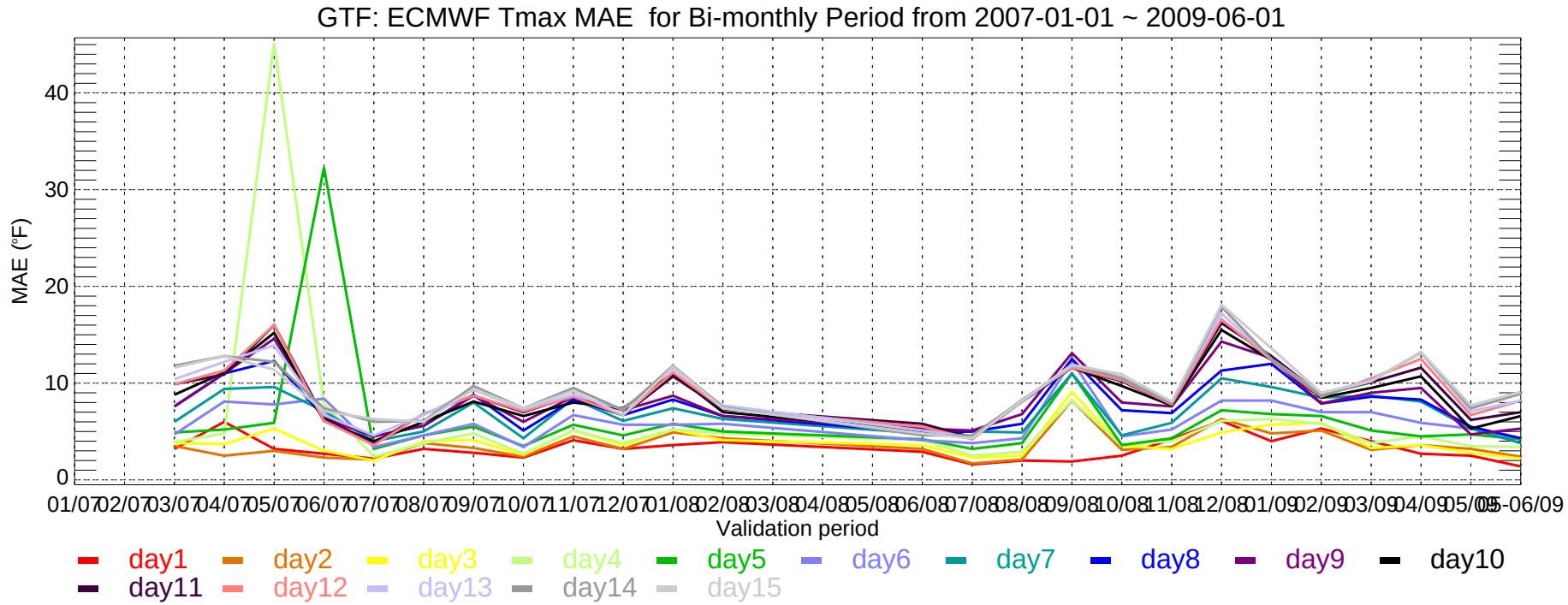

GAD: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

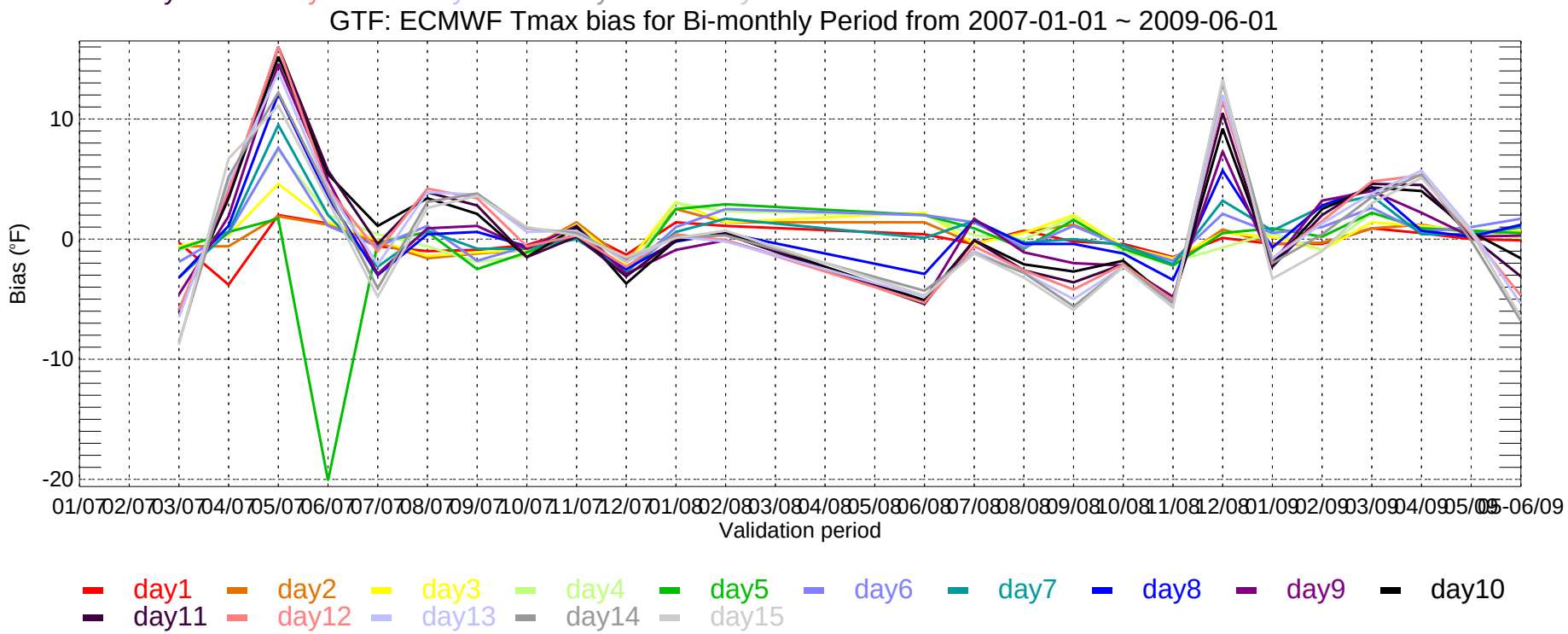

GEG: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

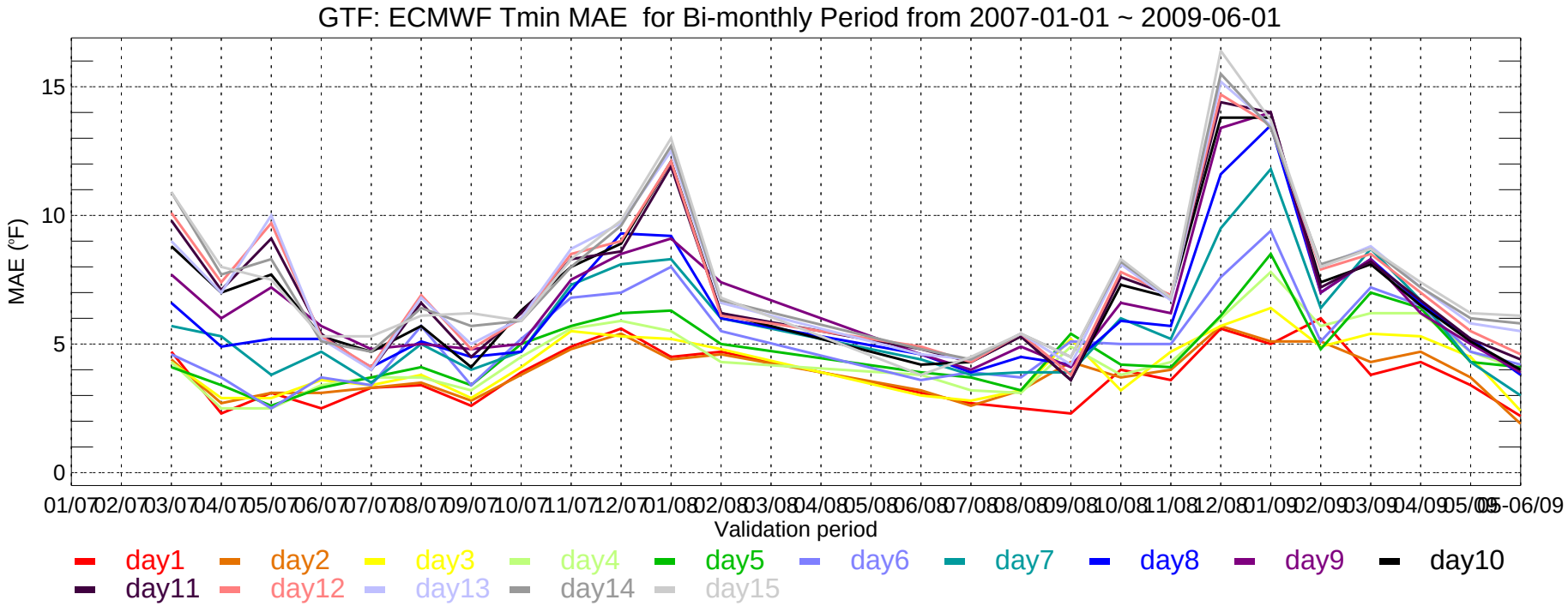

GEG: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

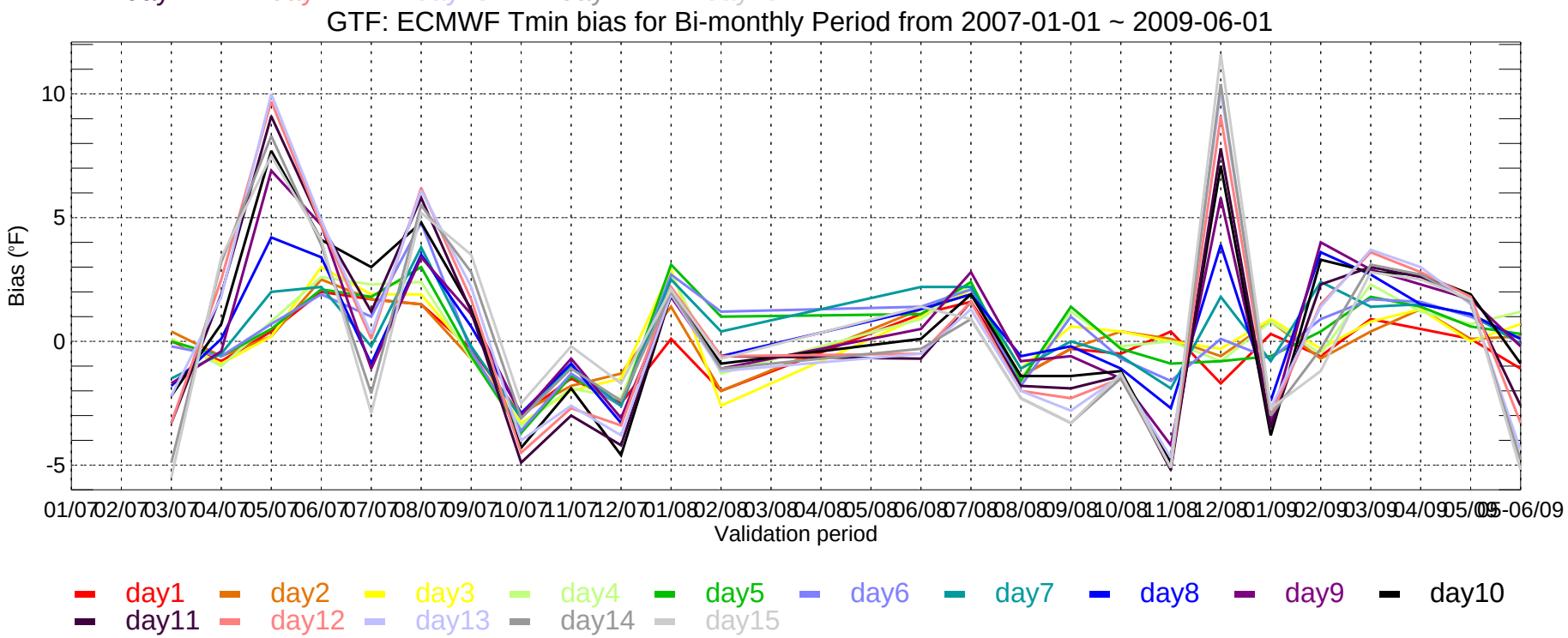

GEG: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

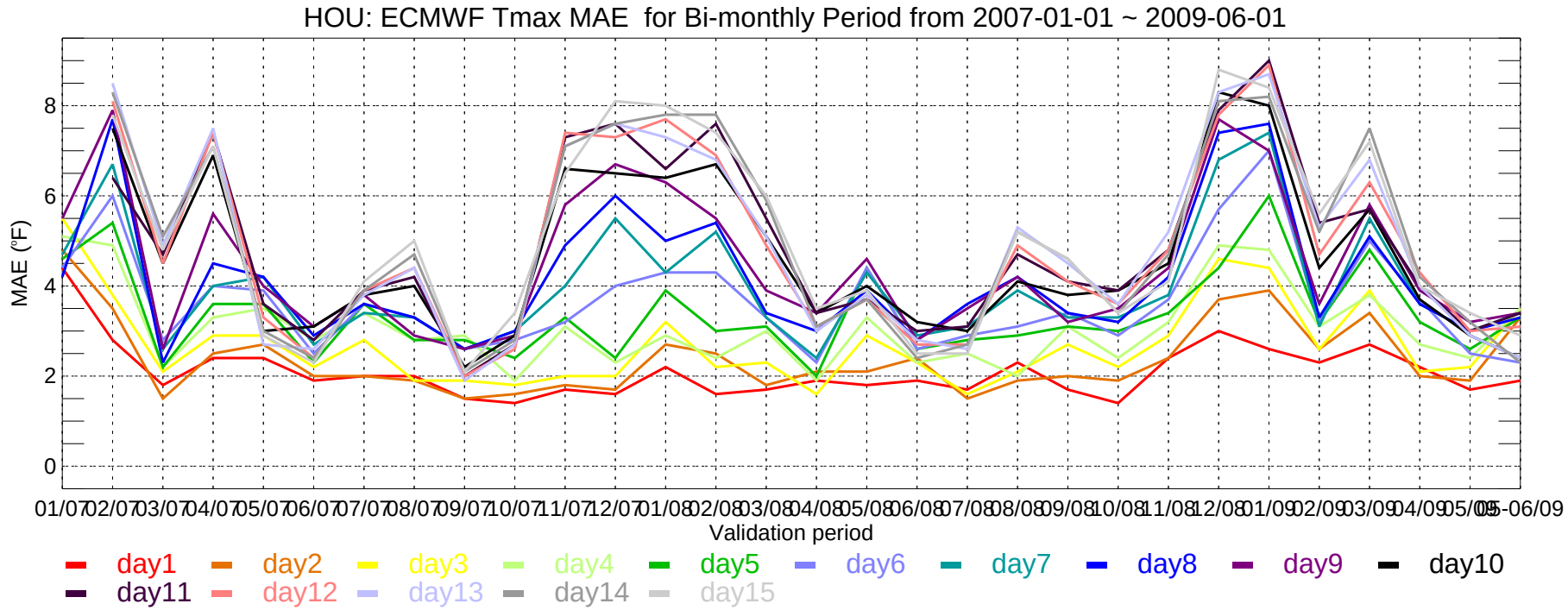

GEG: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

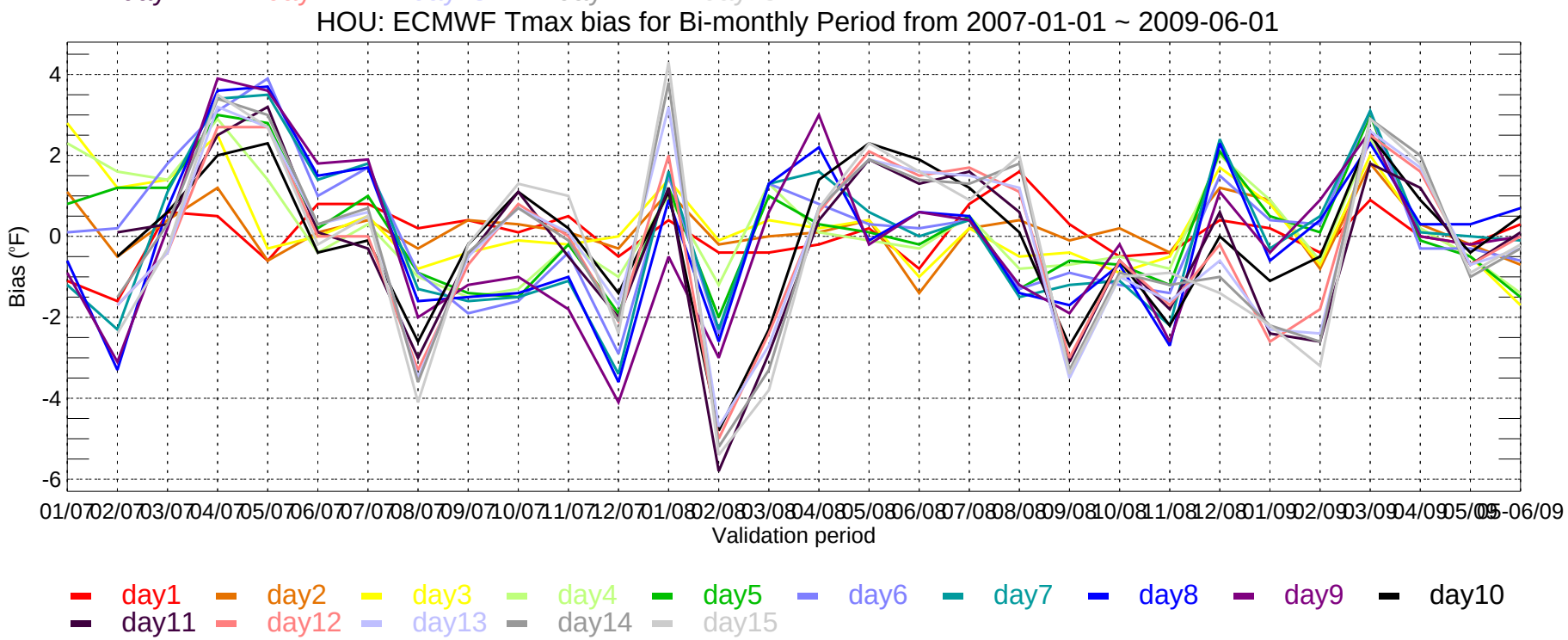

GTF: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
10
20
30
40
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

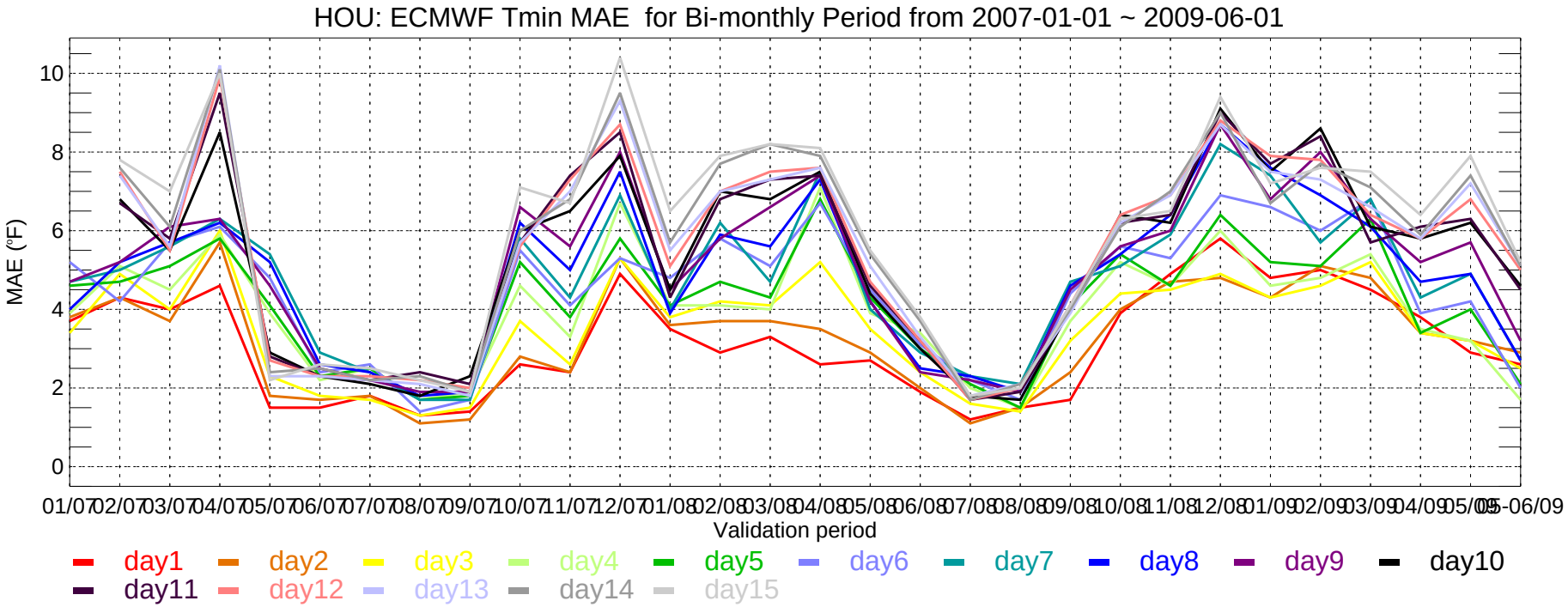

GTF: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
0
-10
-20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

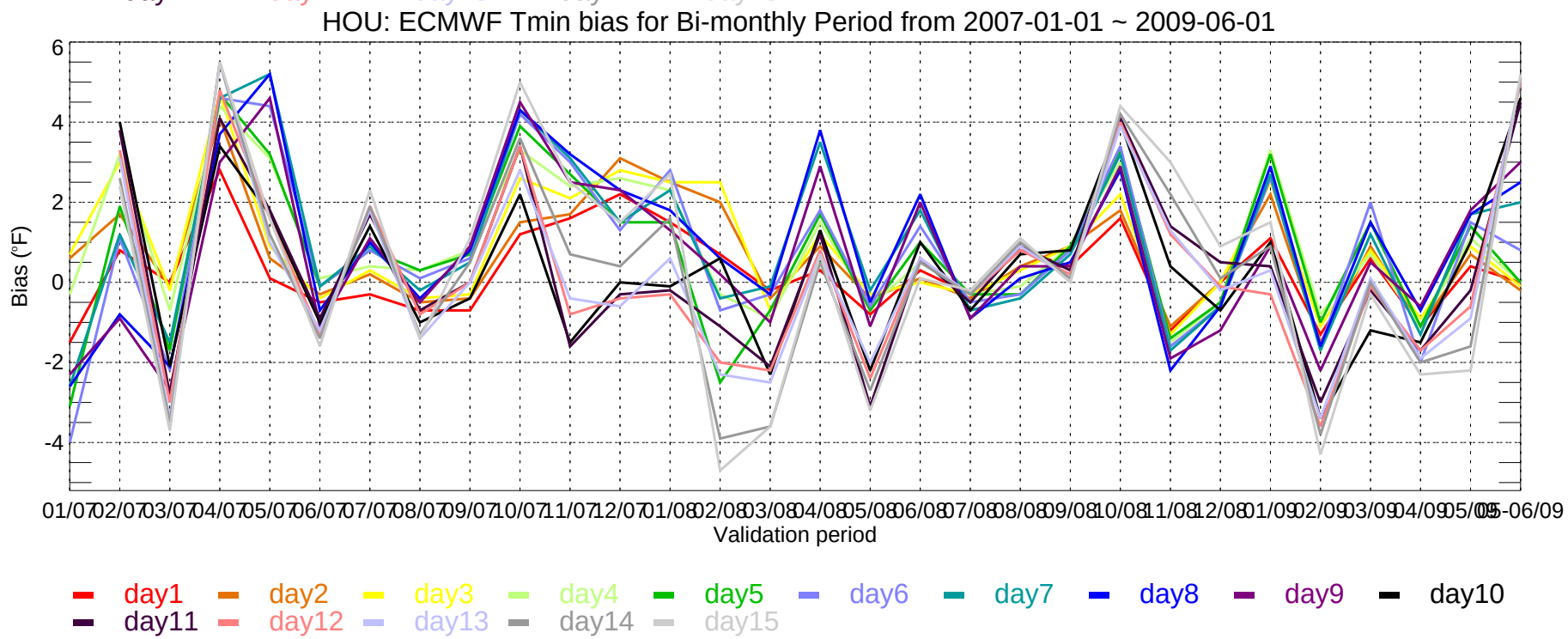

GTF: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

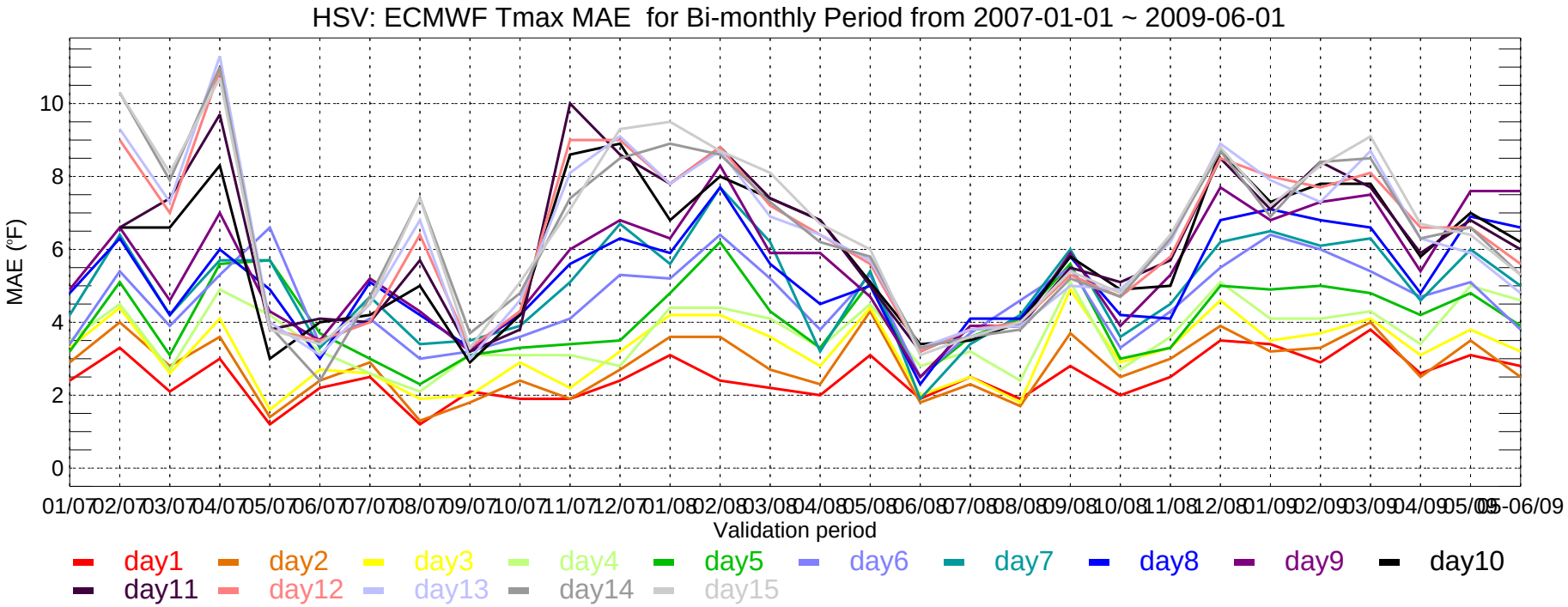

GTF: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

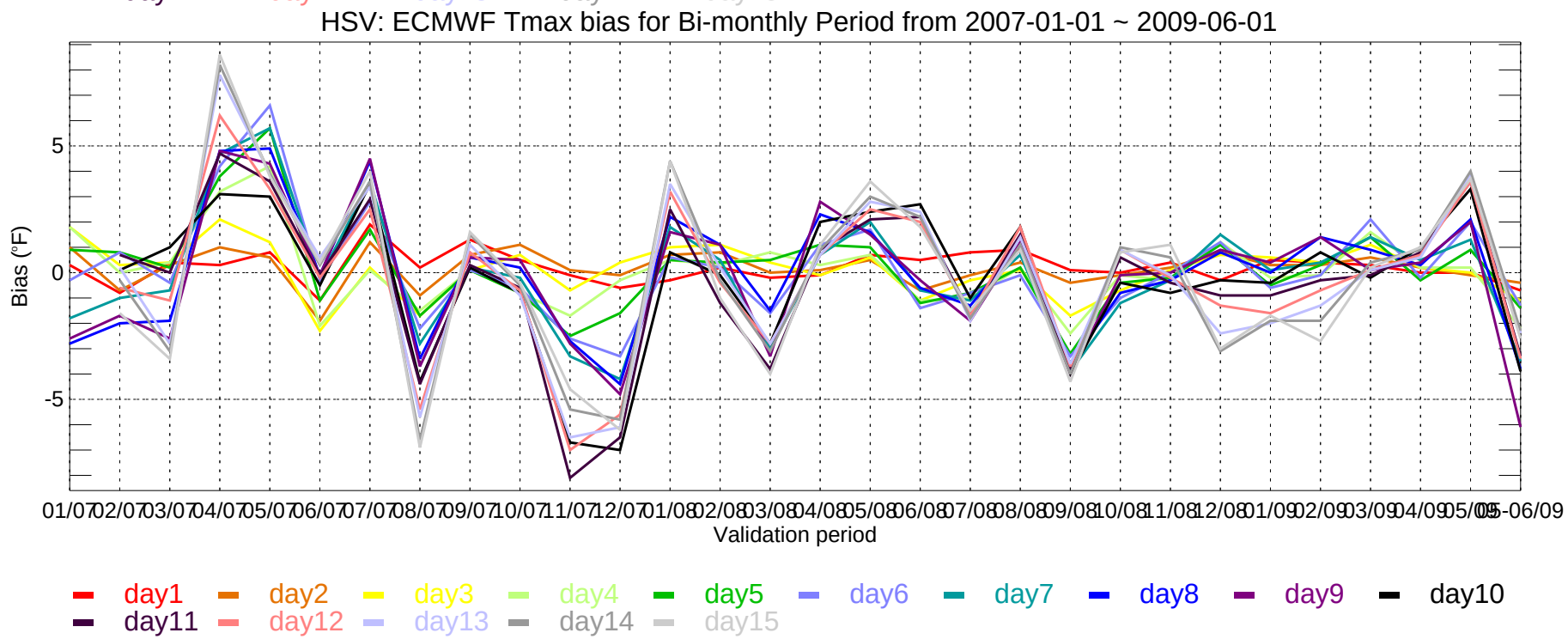

HOU: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

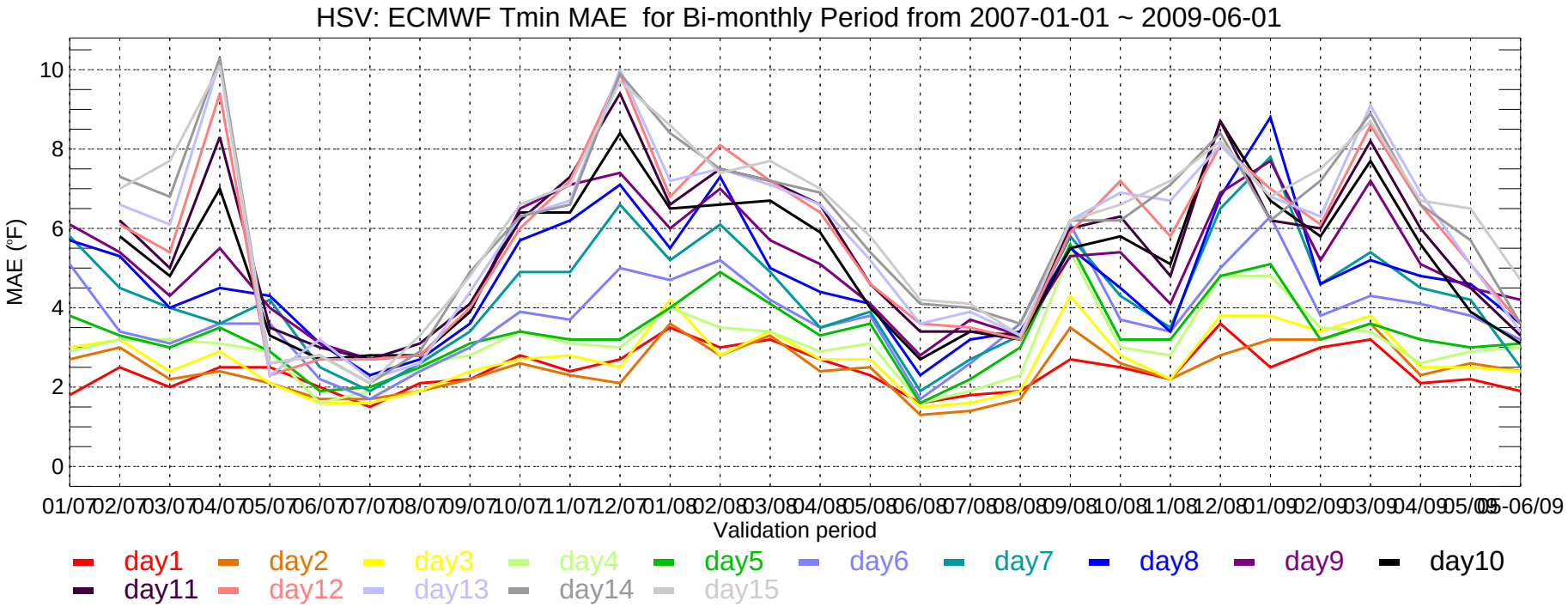

HOU: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

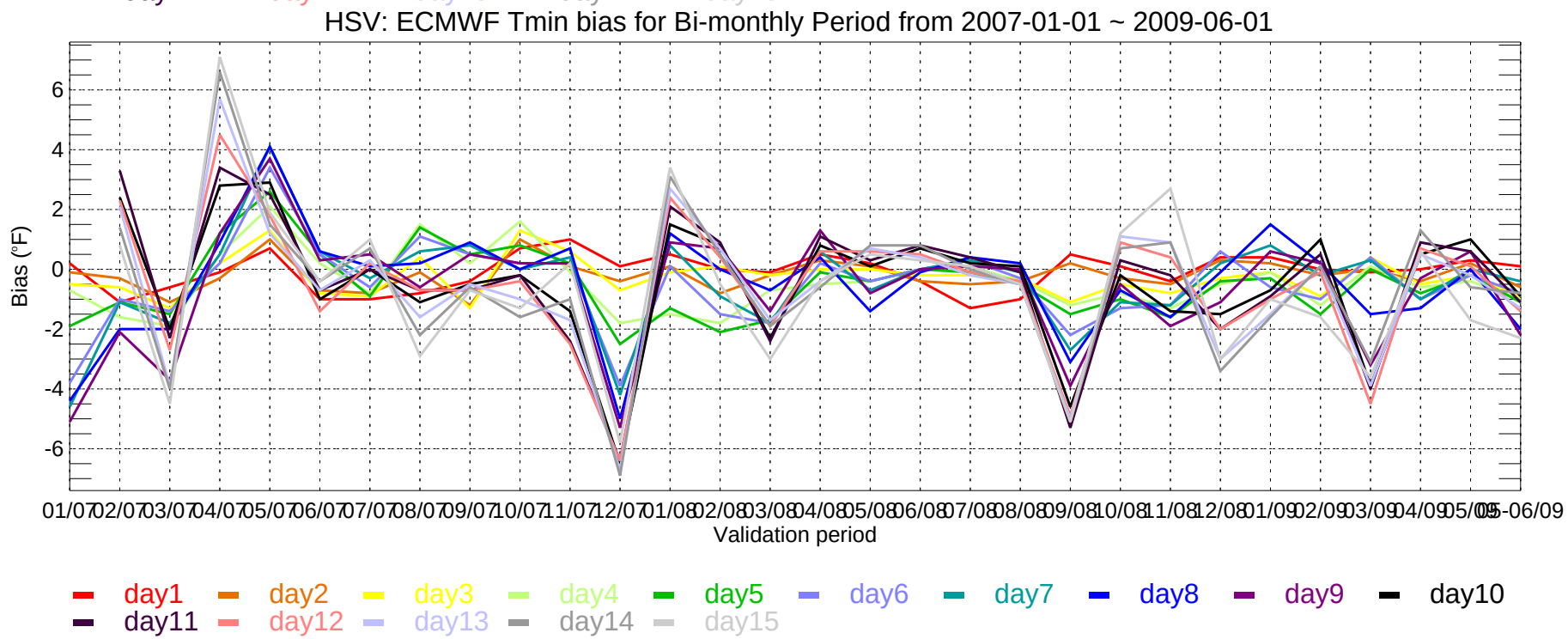

HOU: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

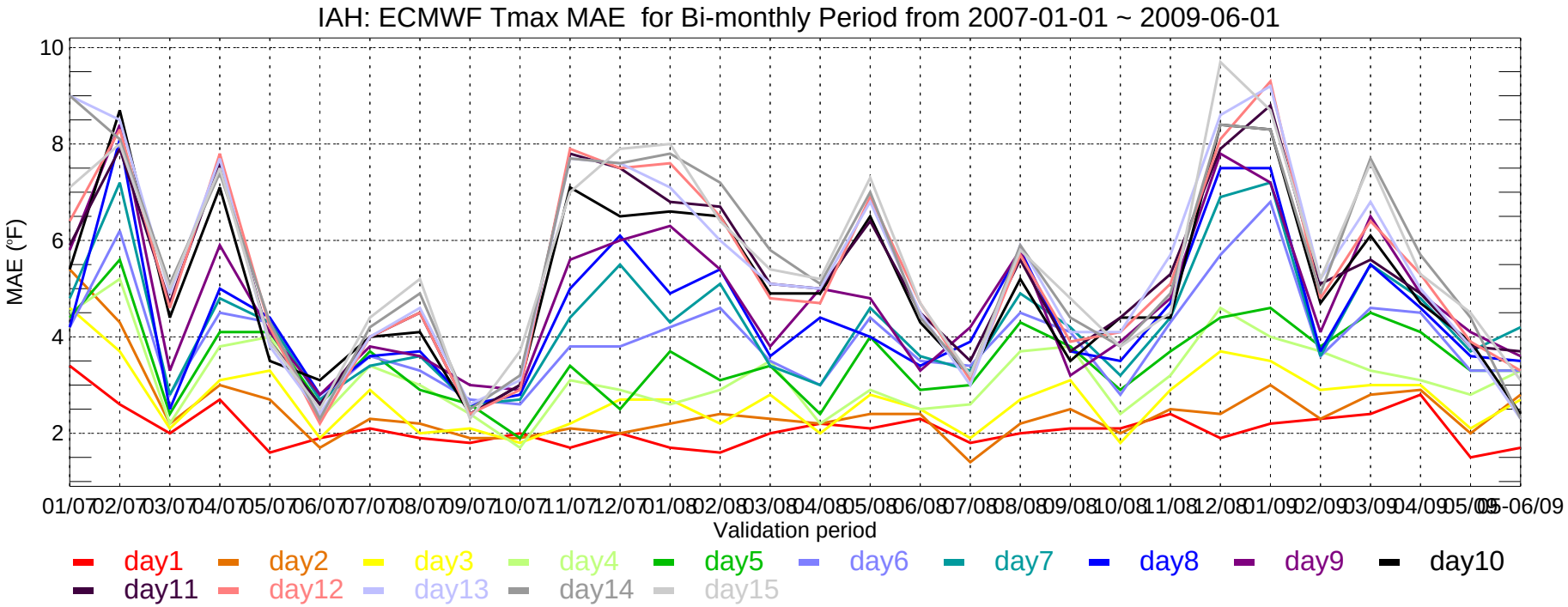

HOU: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

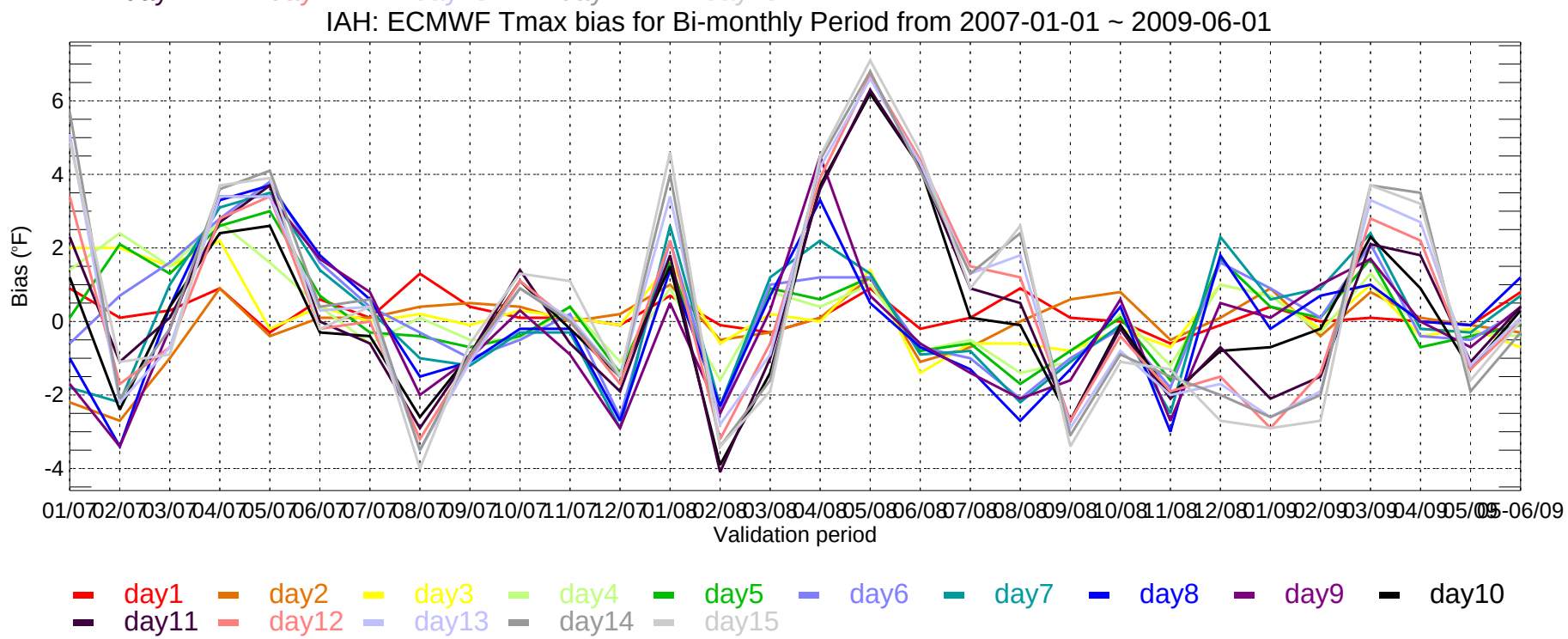

HSV: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

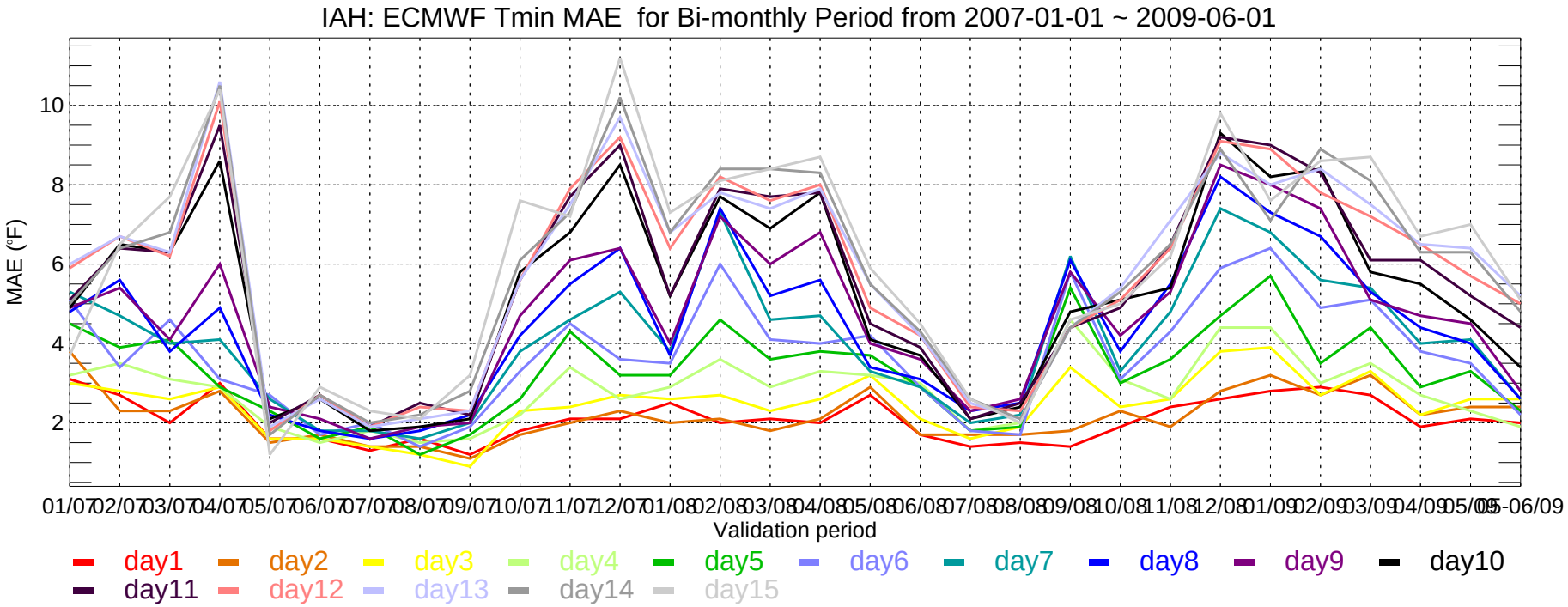

HSV: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

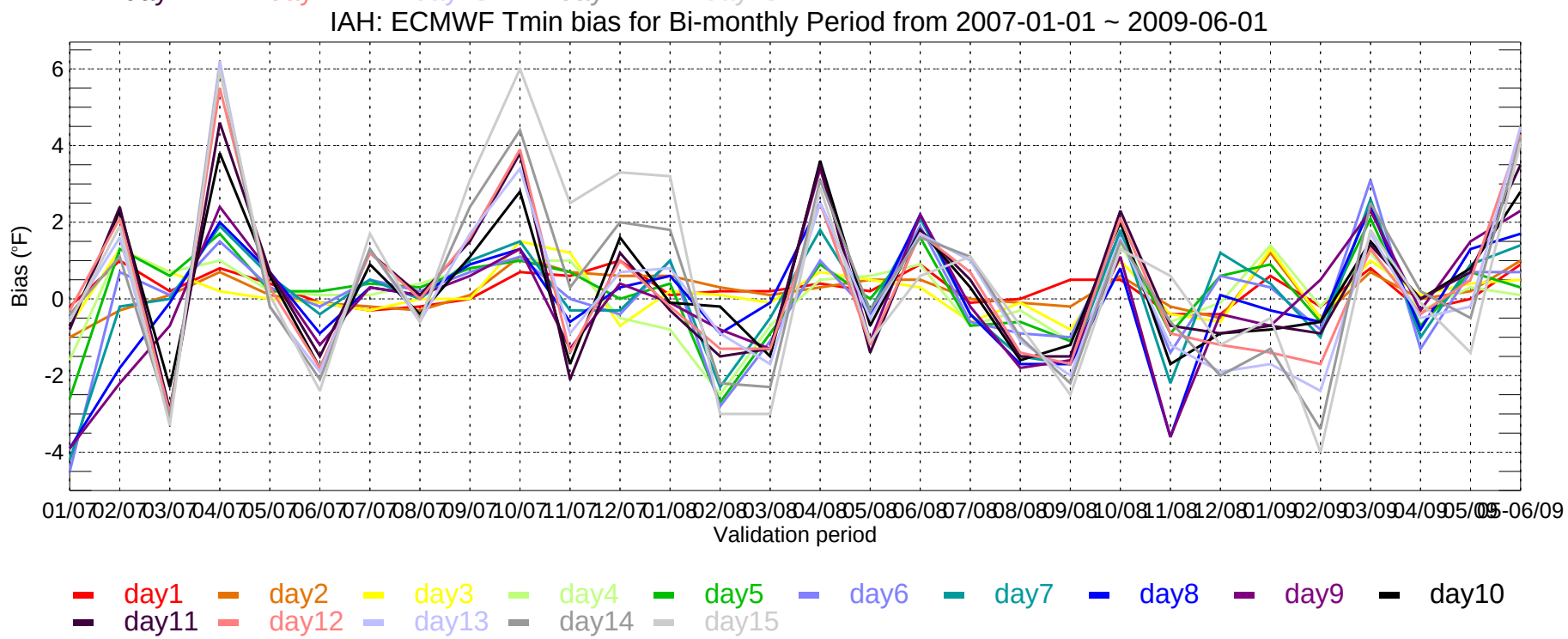

HSV: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

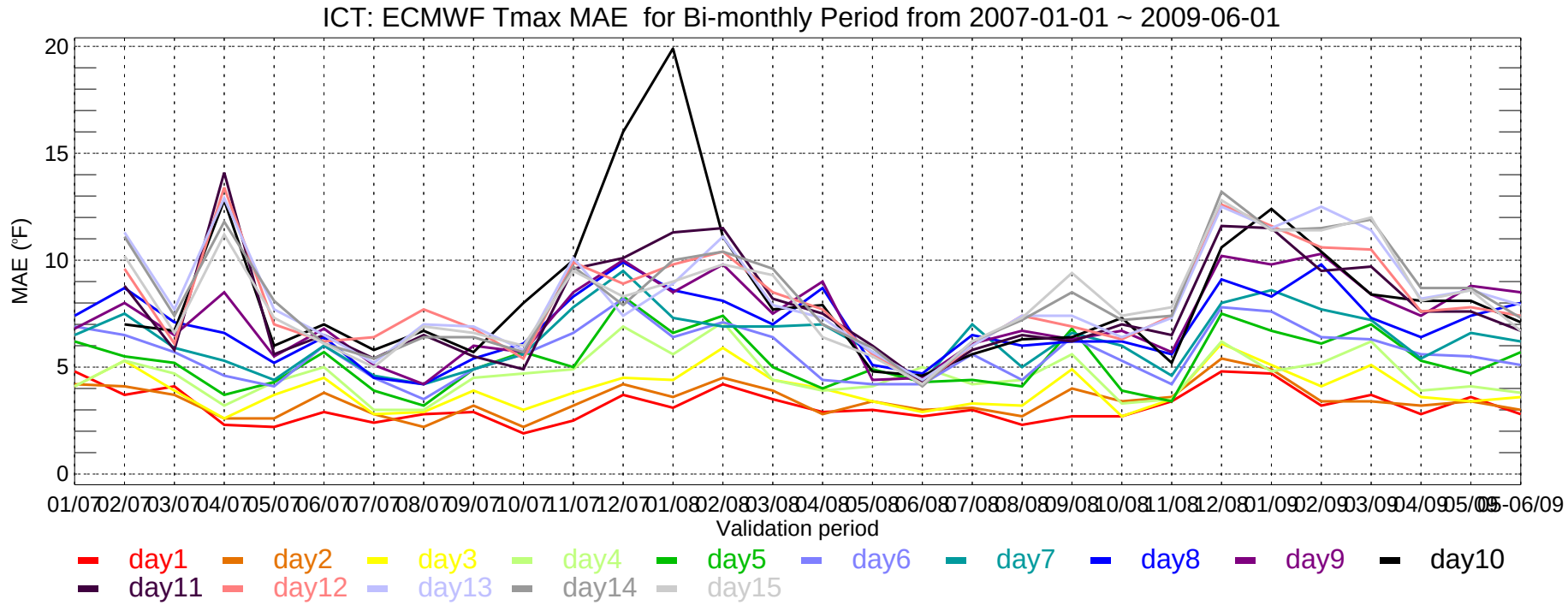

HSV: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

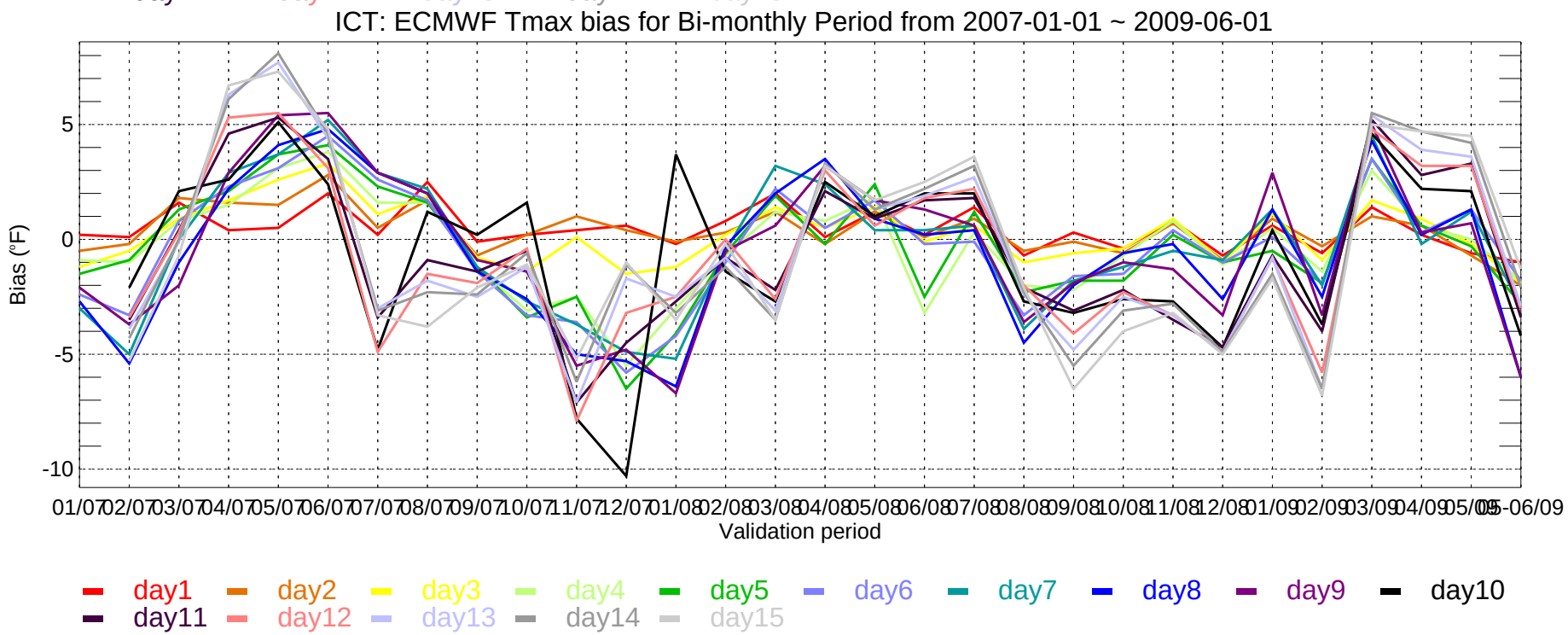

IAH: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

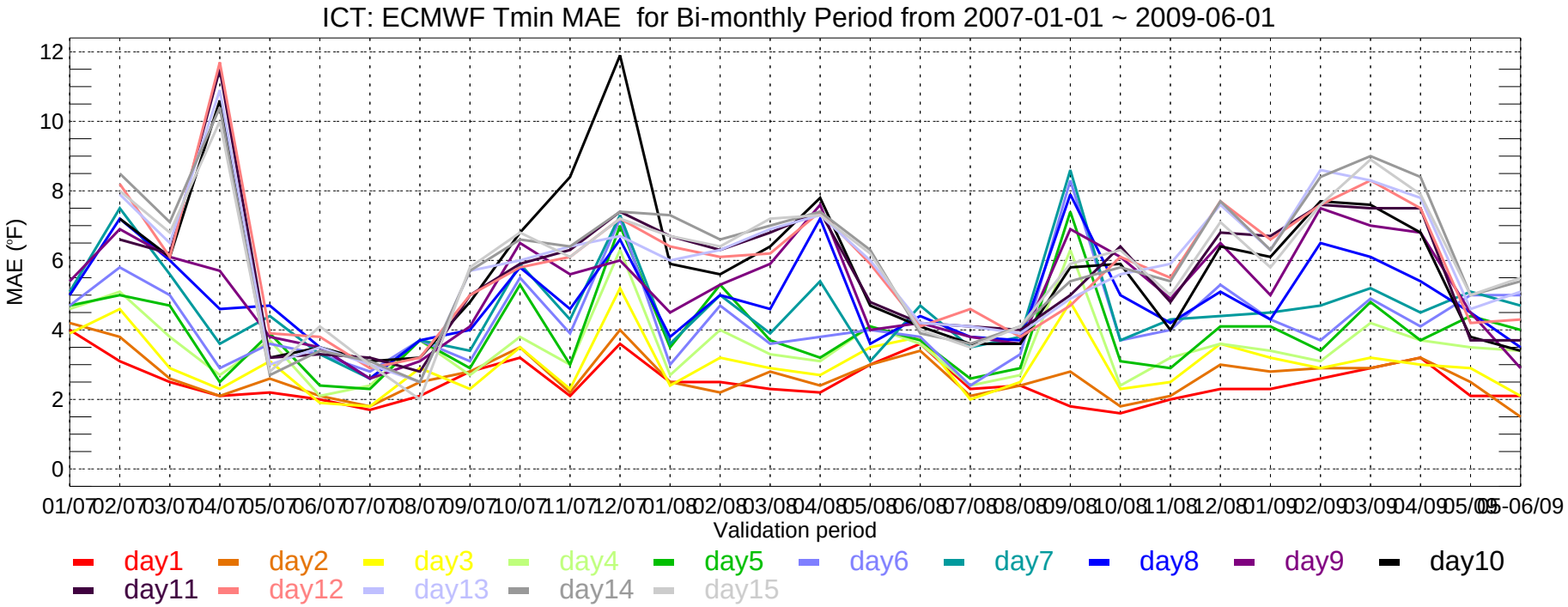

IAH: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

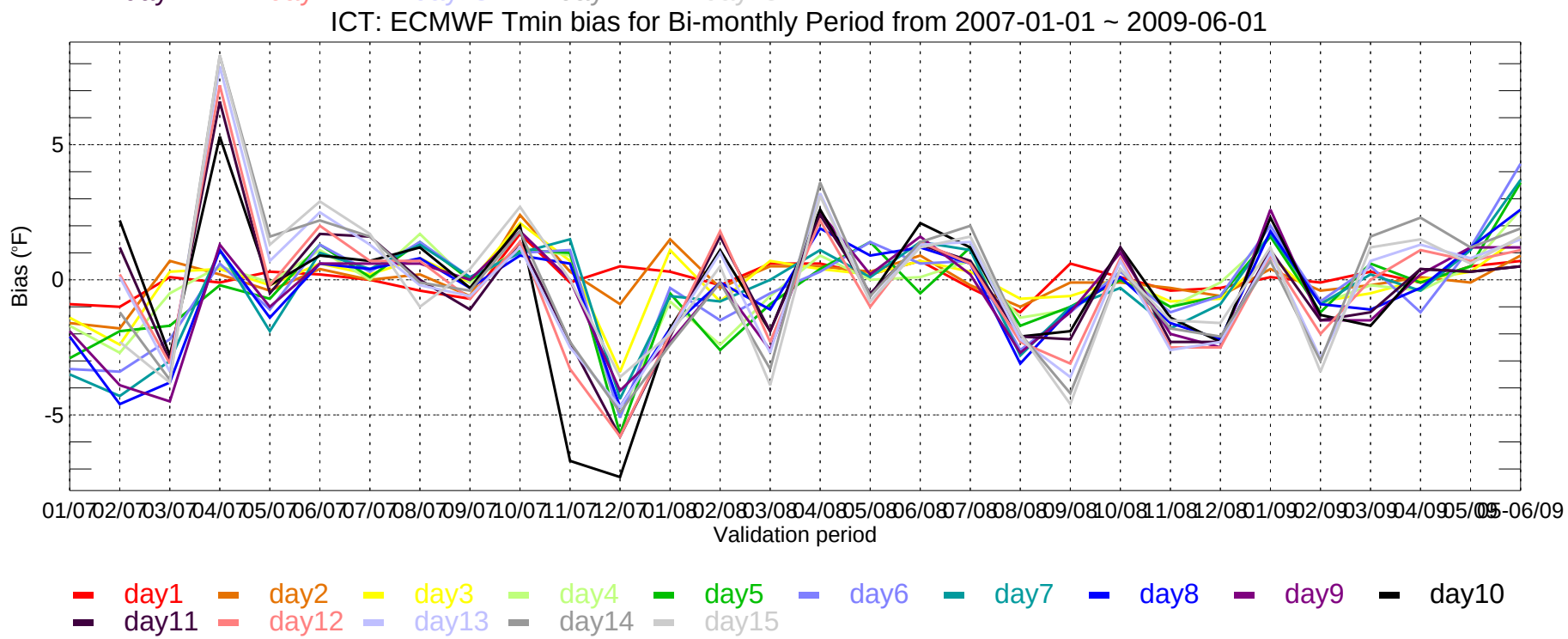

IAH: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

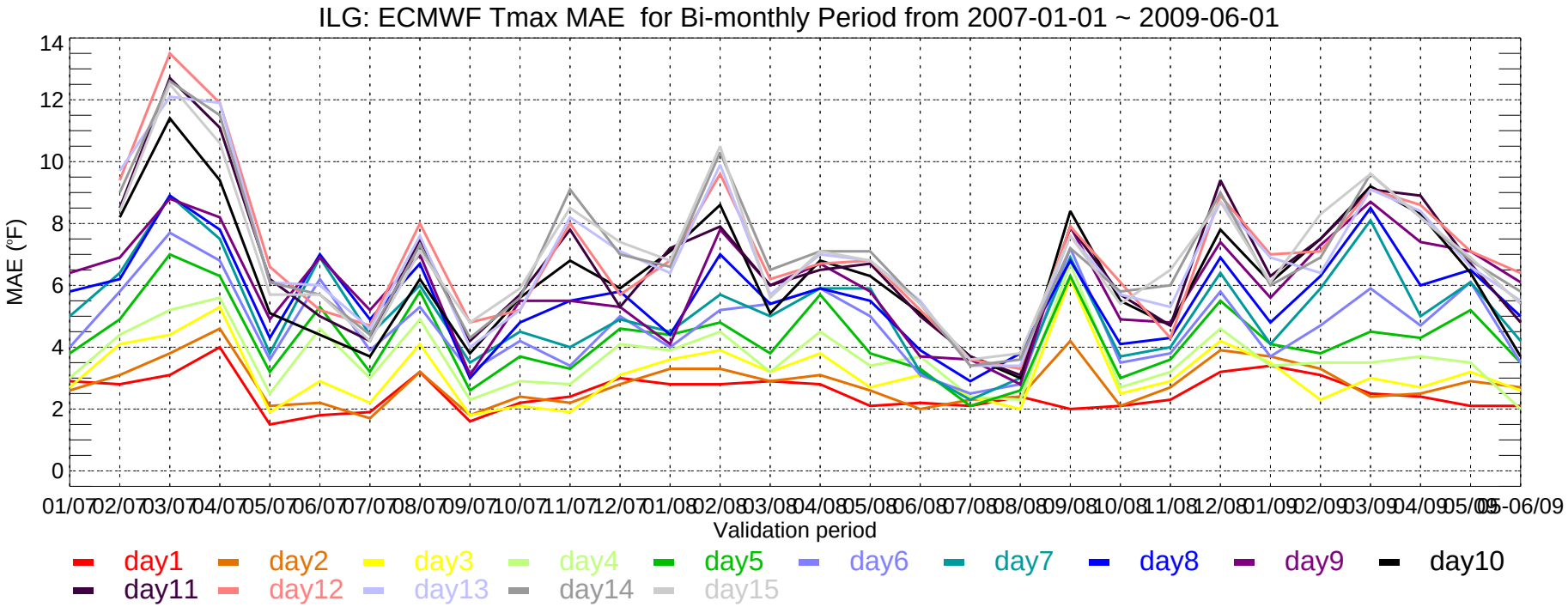

IAH: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

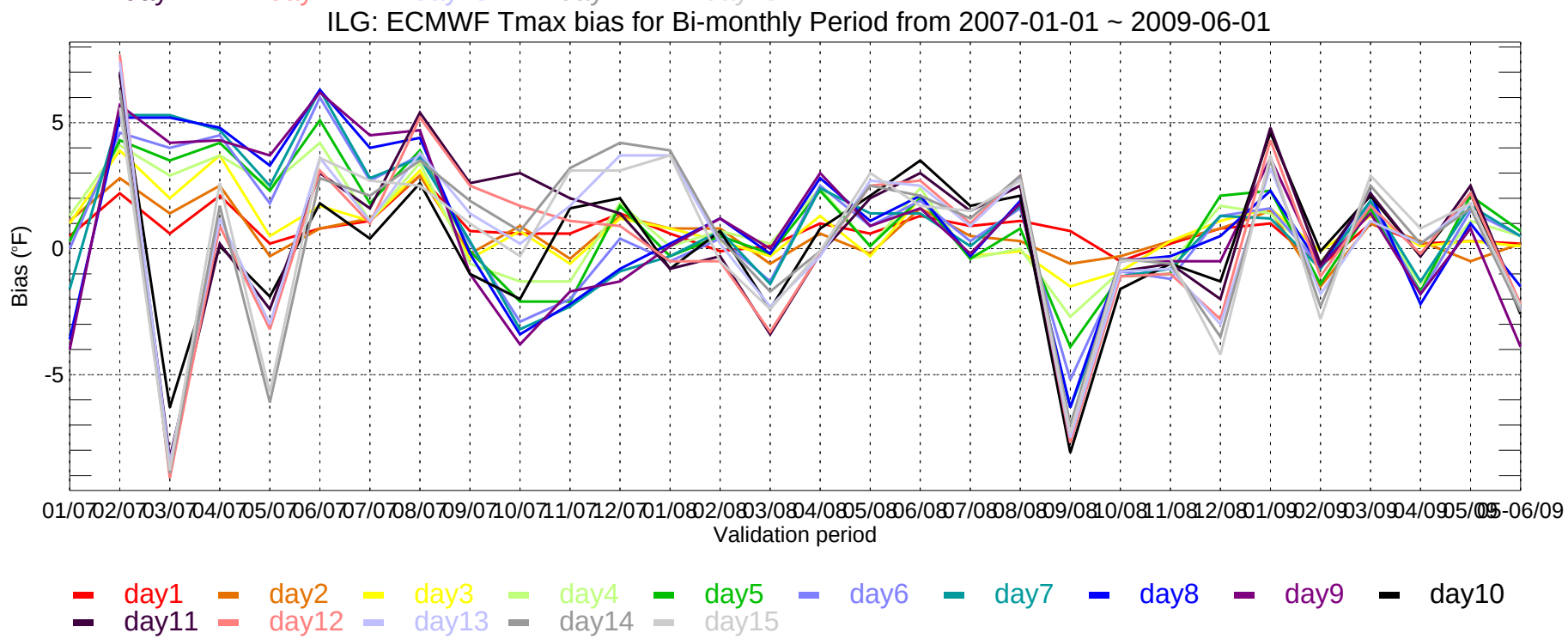

ICT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

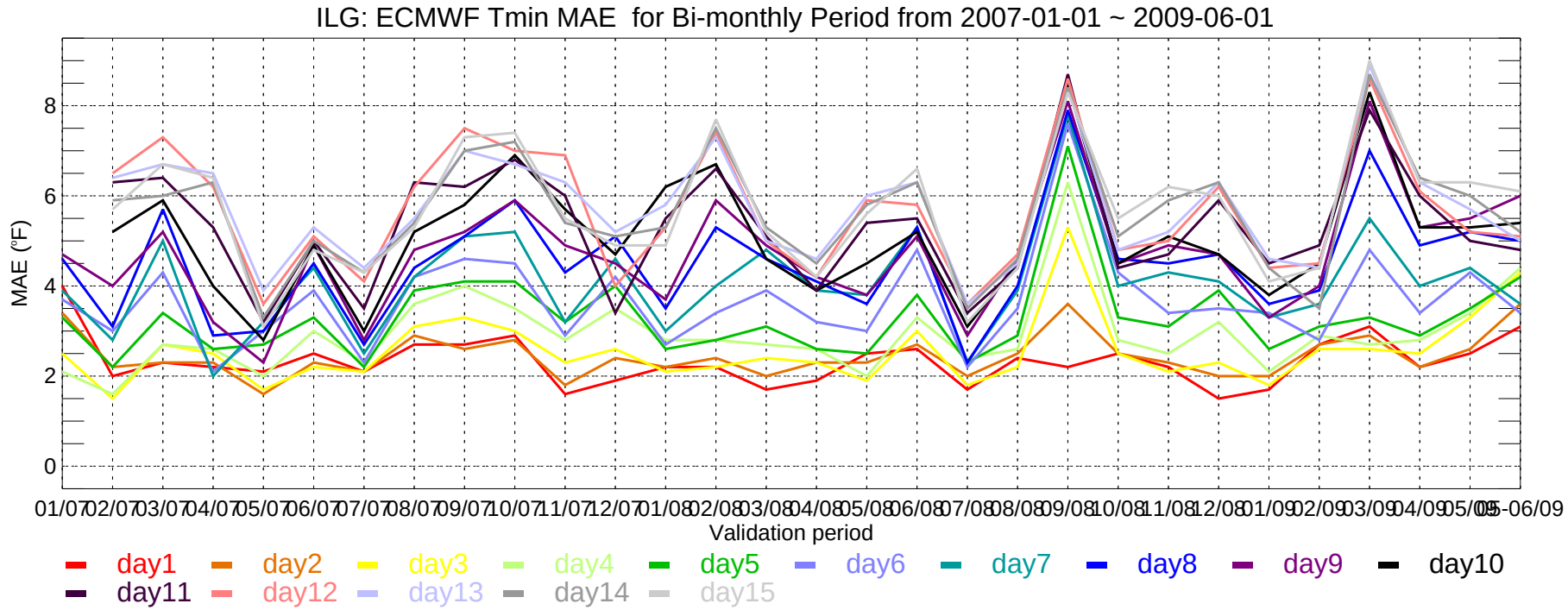

ICT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

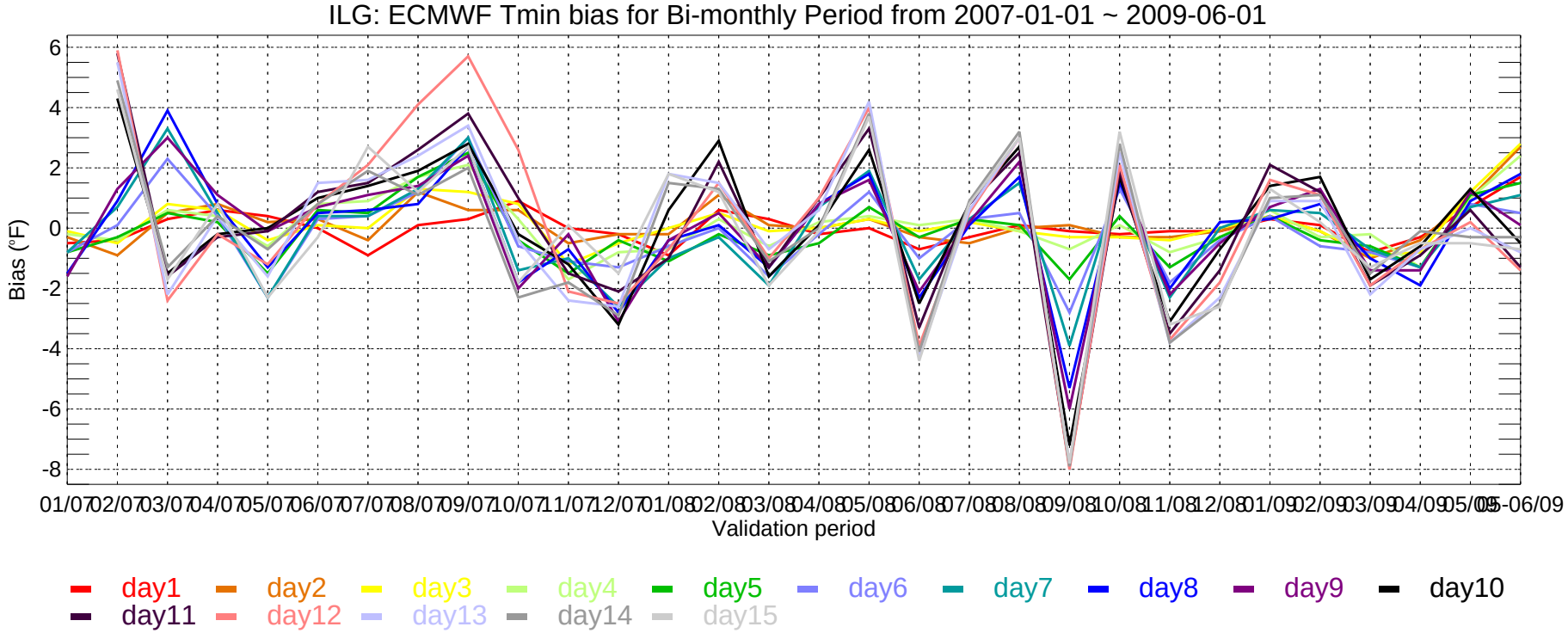

ICT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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


ICT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ILG: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ILG: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ILG: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ILG: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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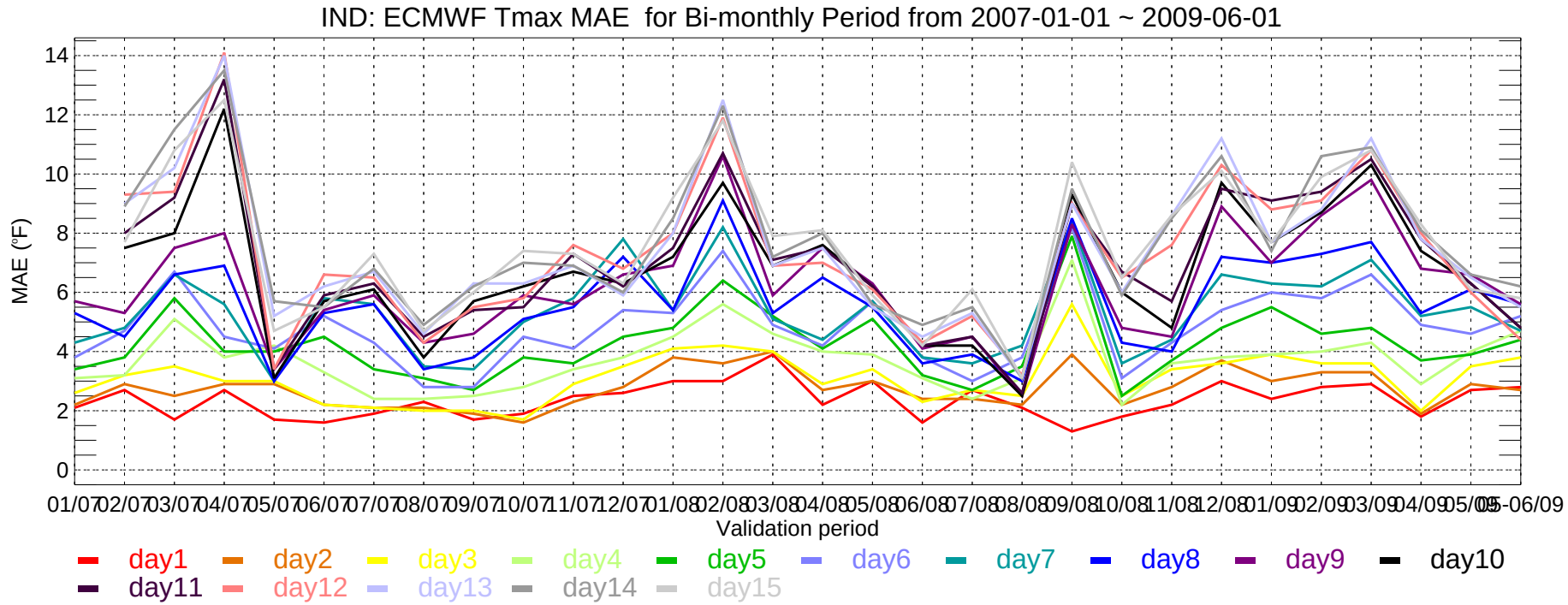
day11 day12 day13 day14 day15


IND: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
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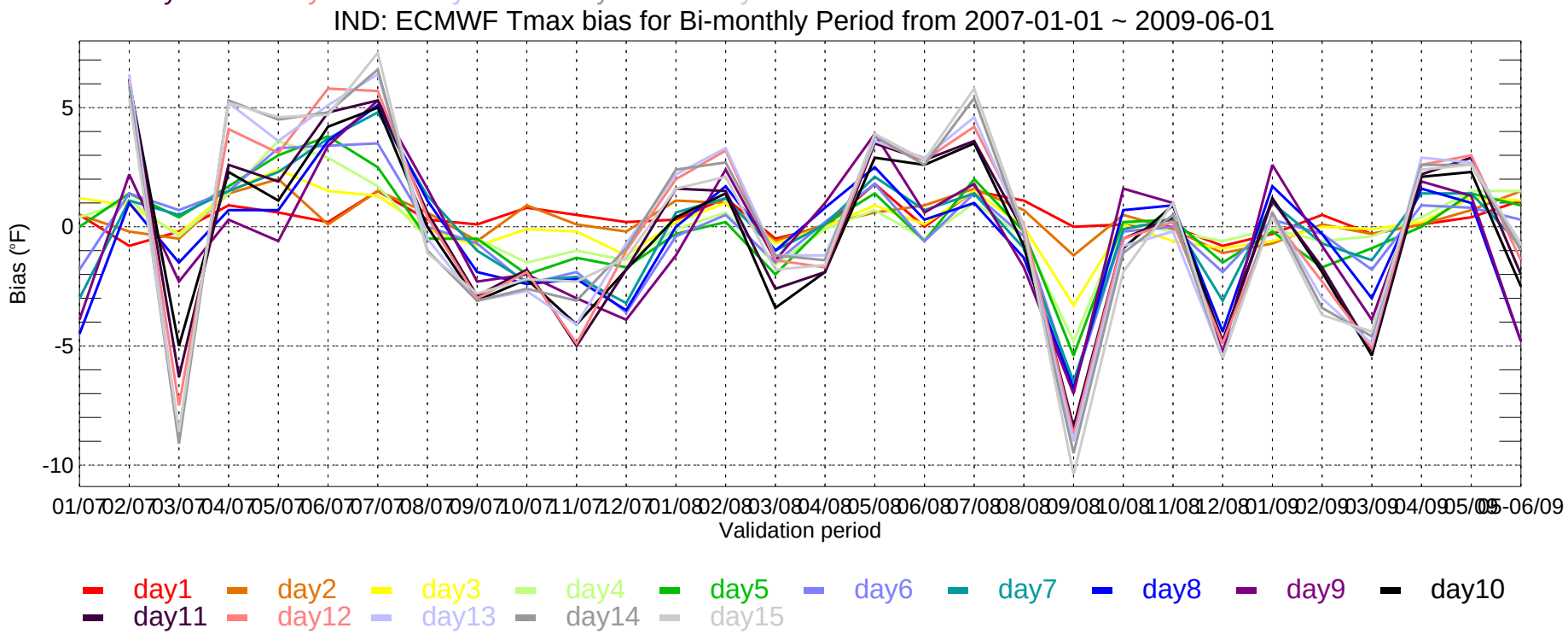
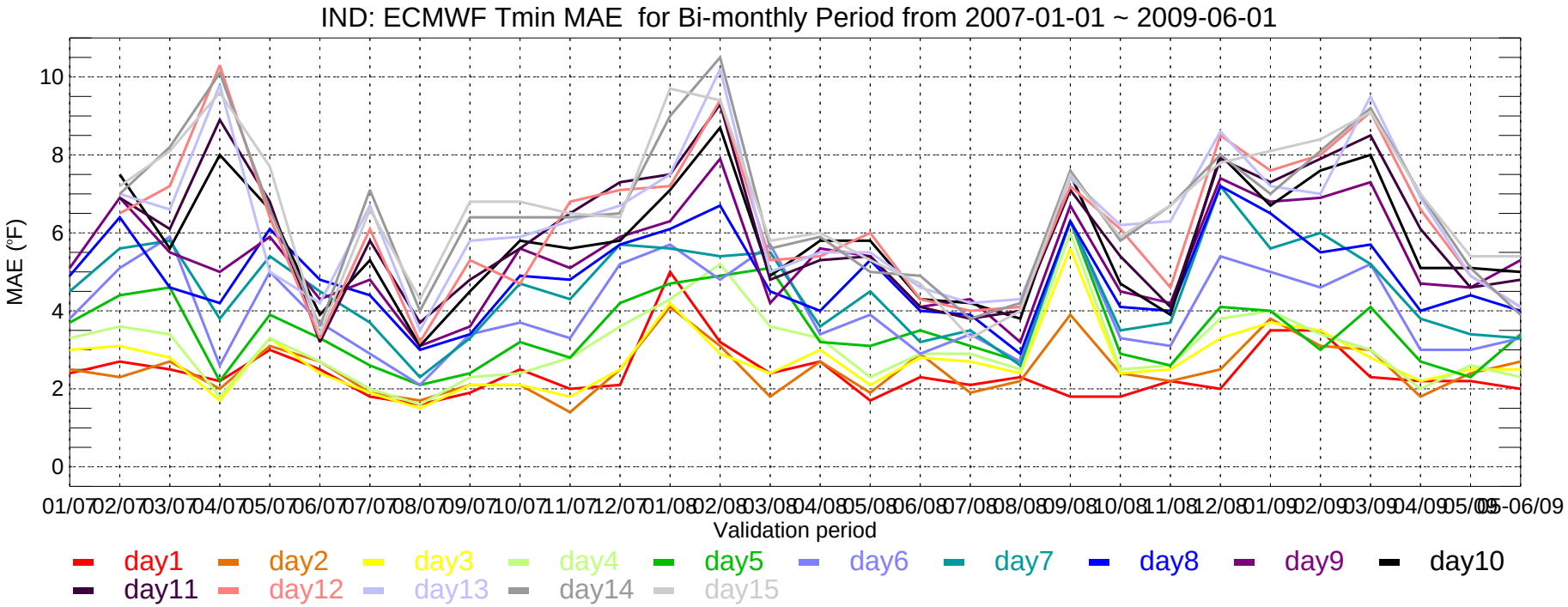
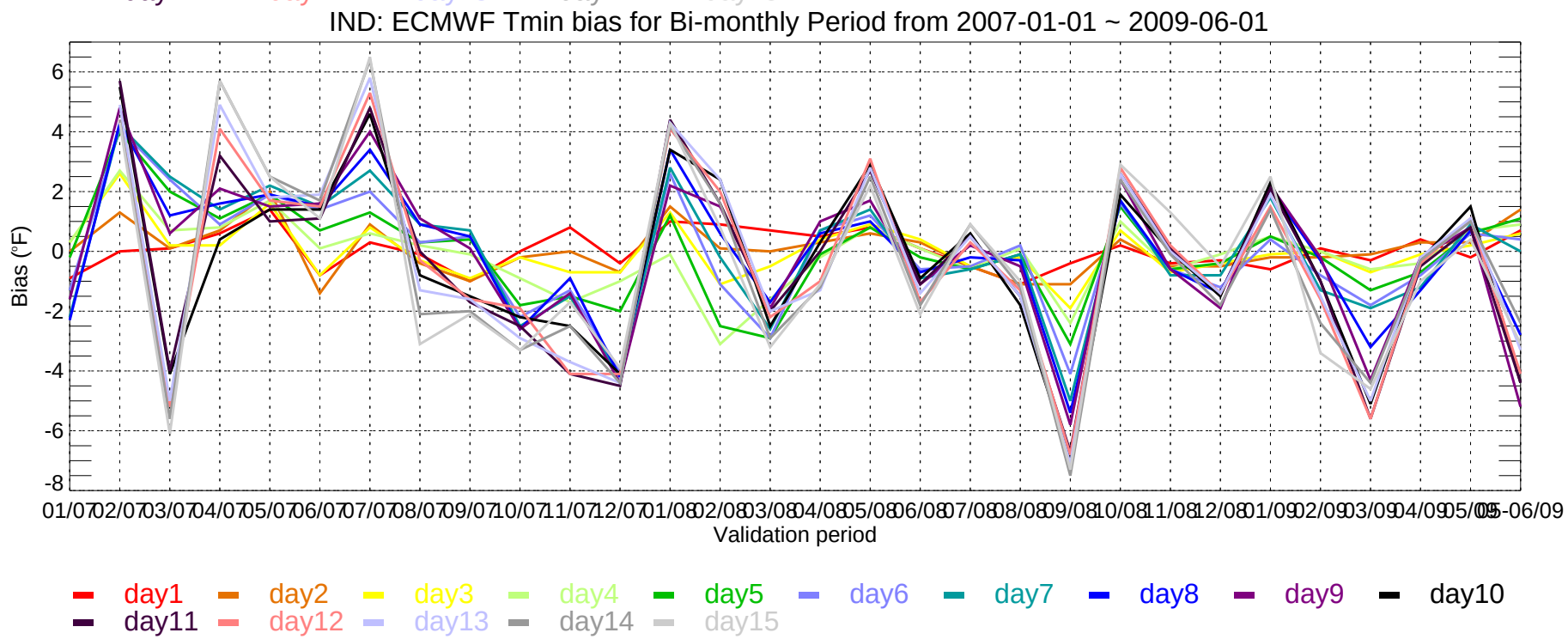
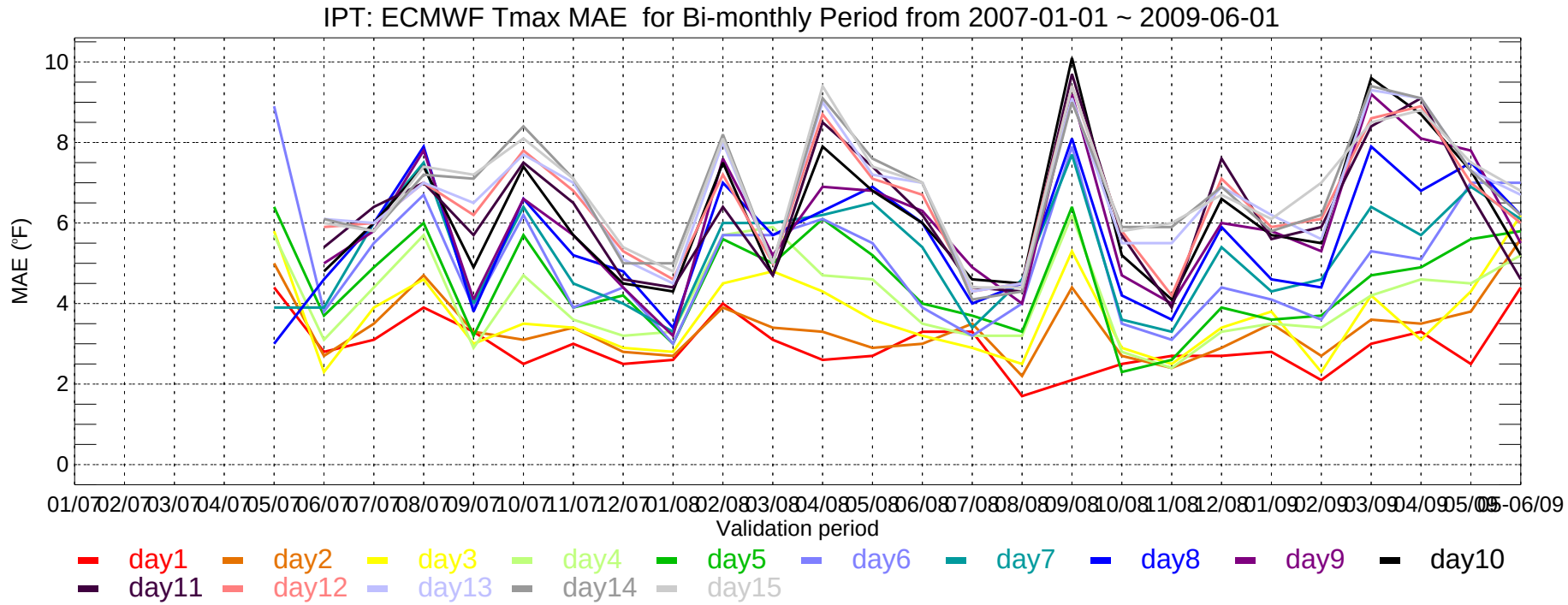
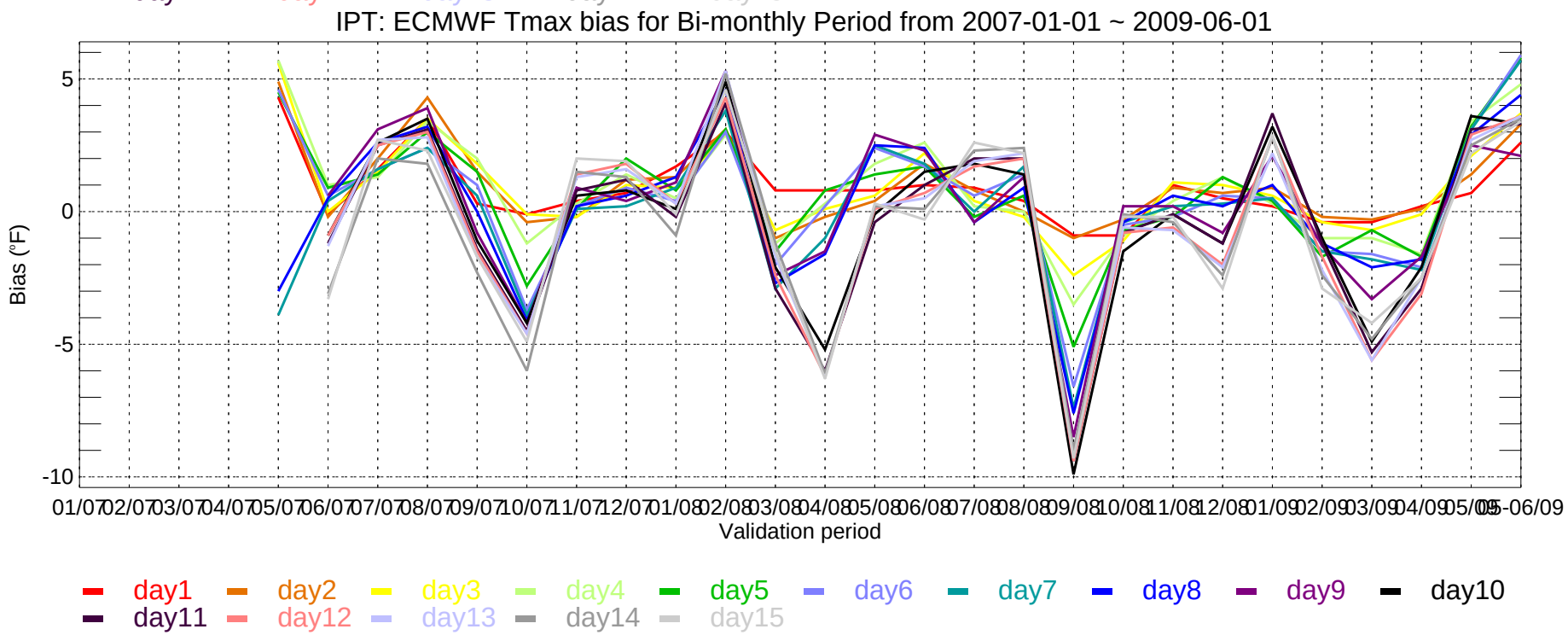
day11 day12 day13 day14 day15

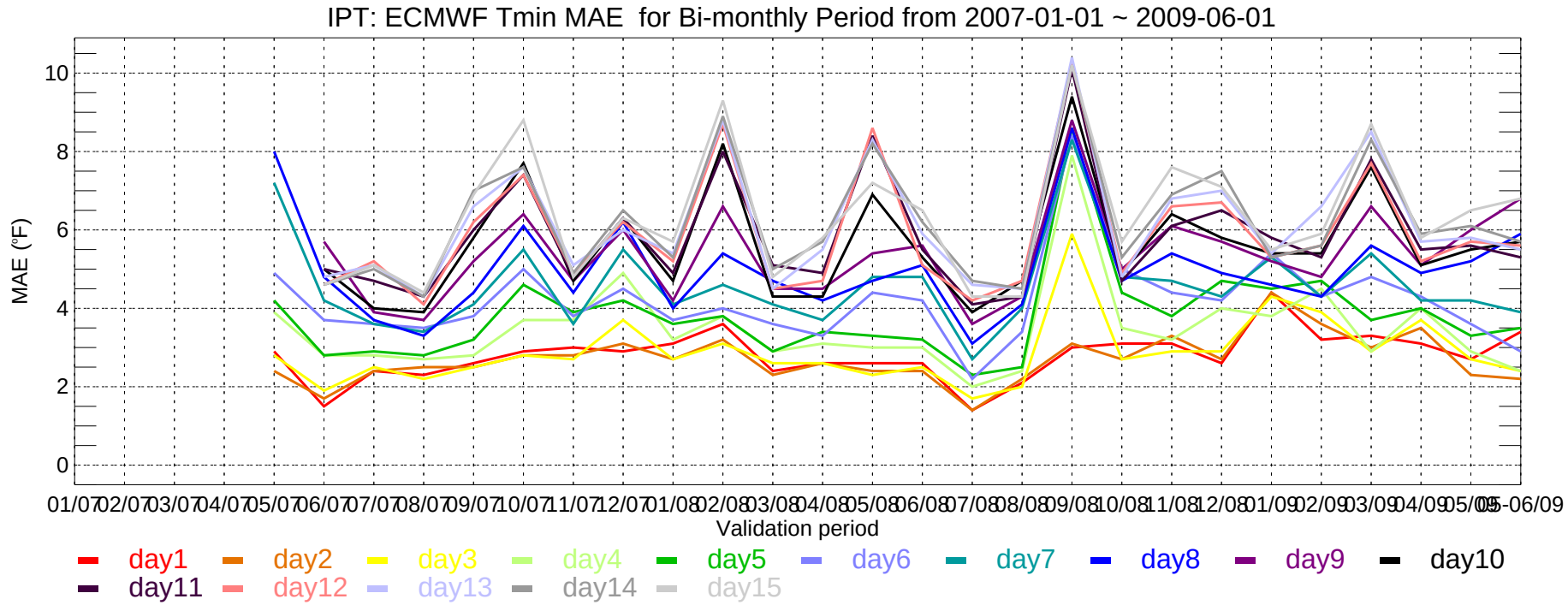

IND: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

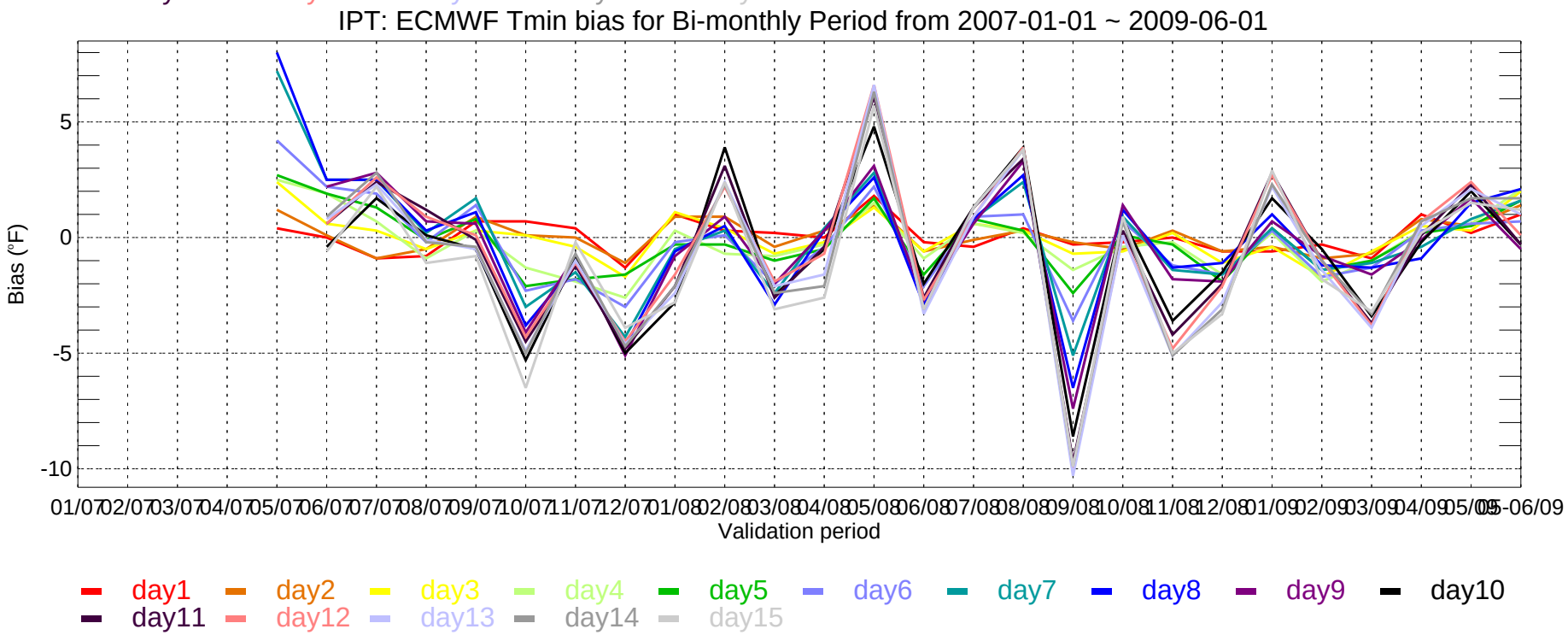

IND: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

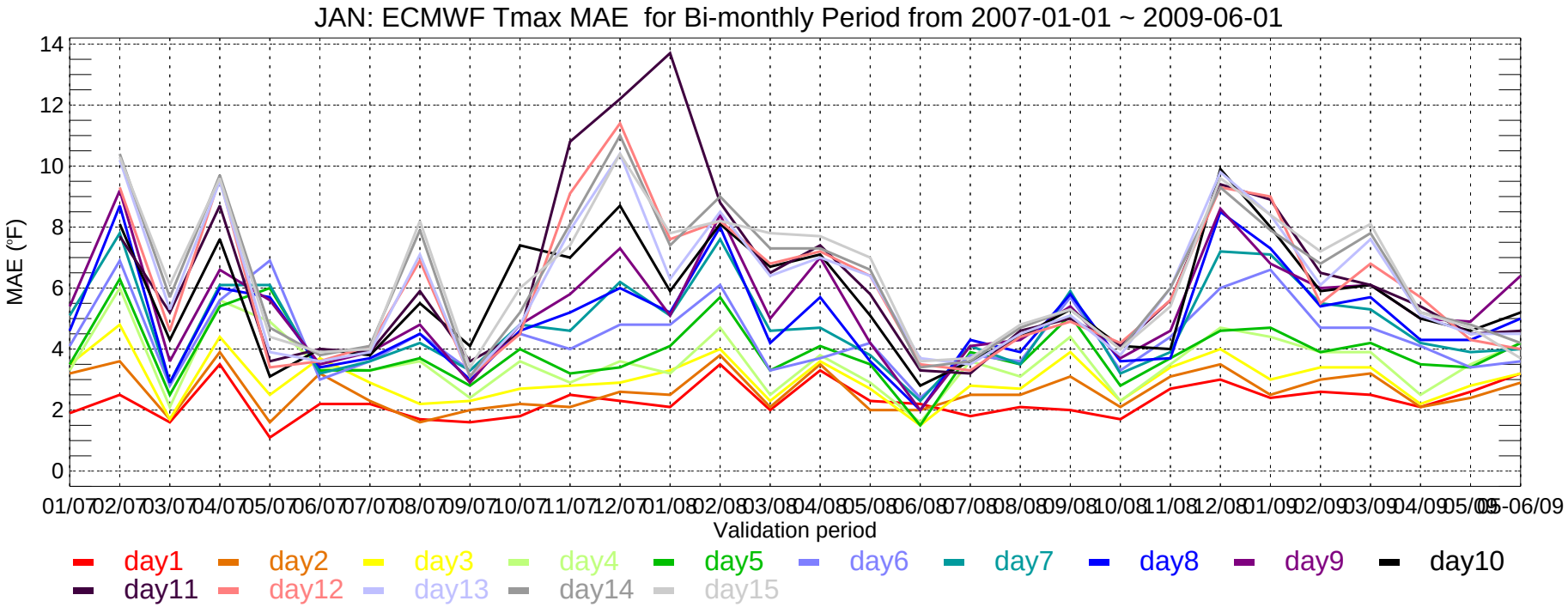

IND: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

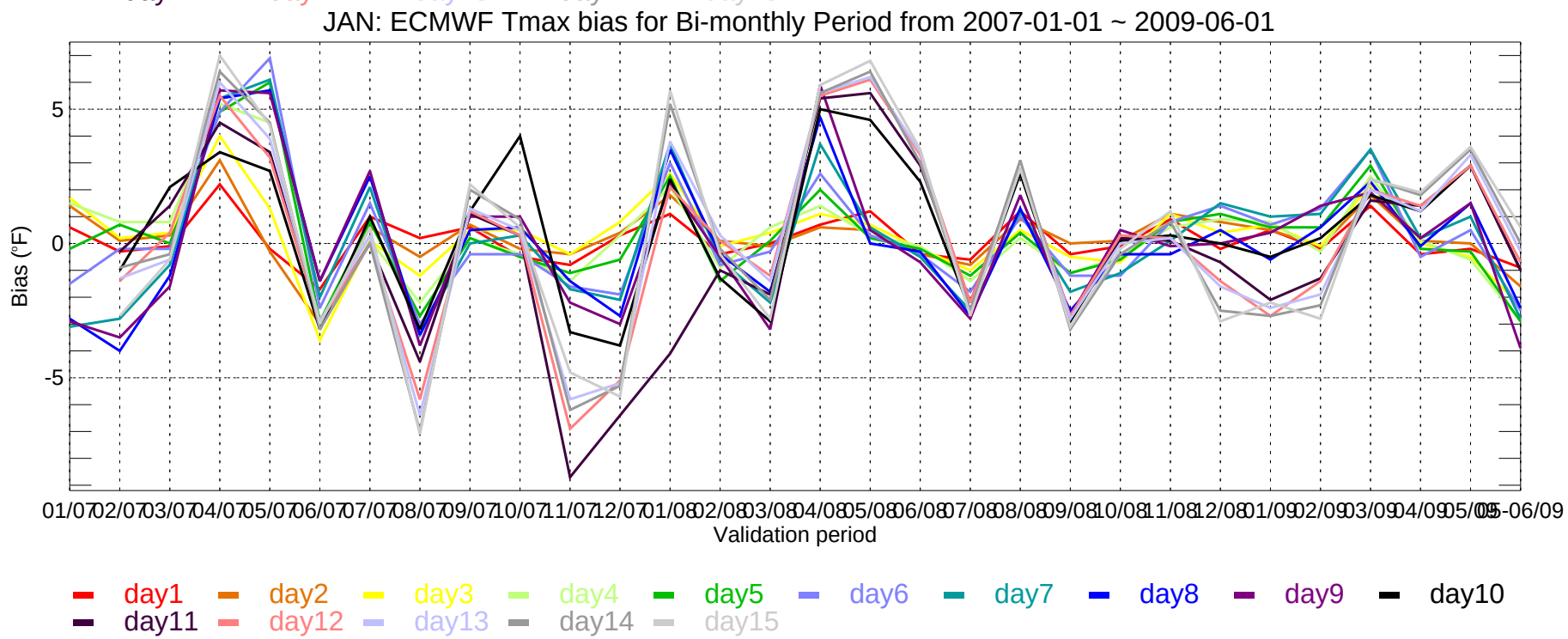

IPT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

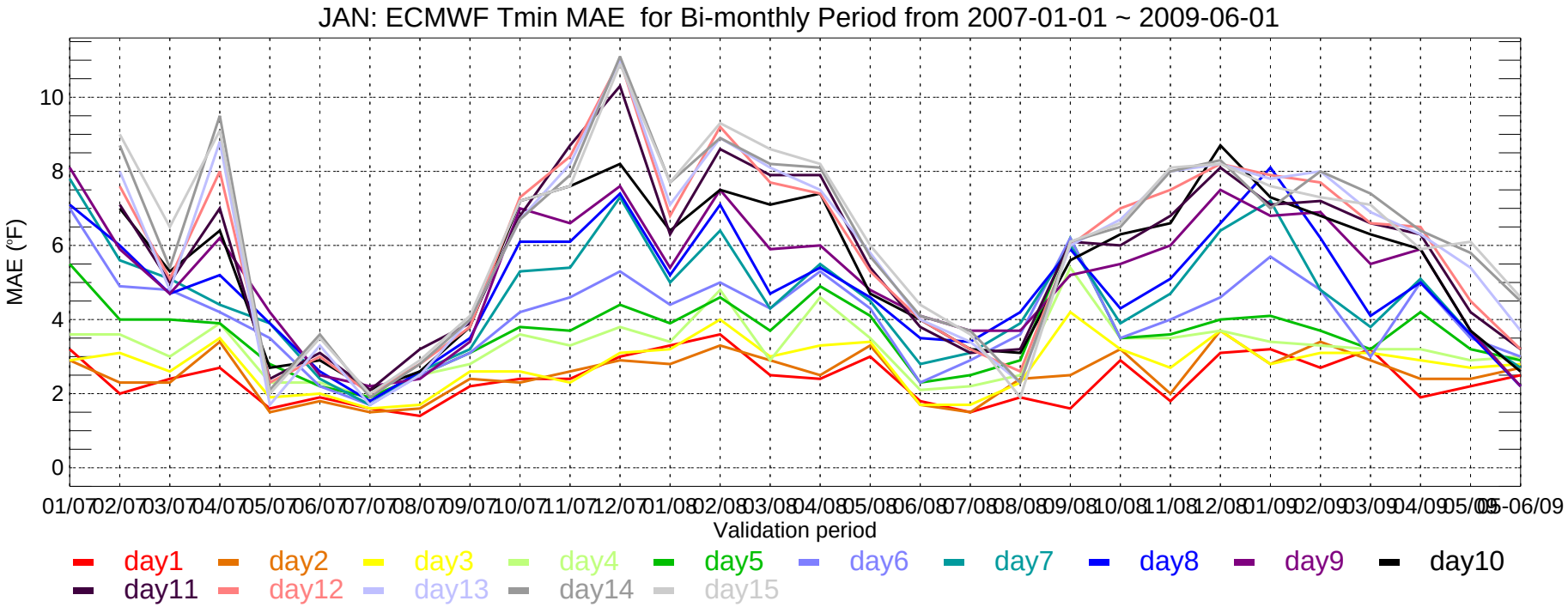

IPT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

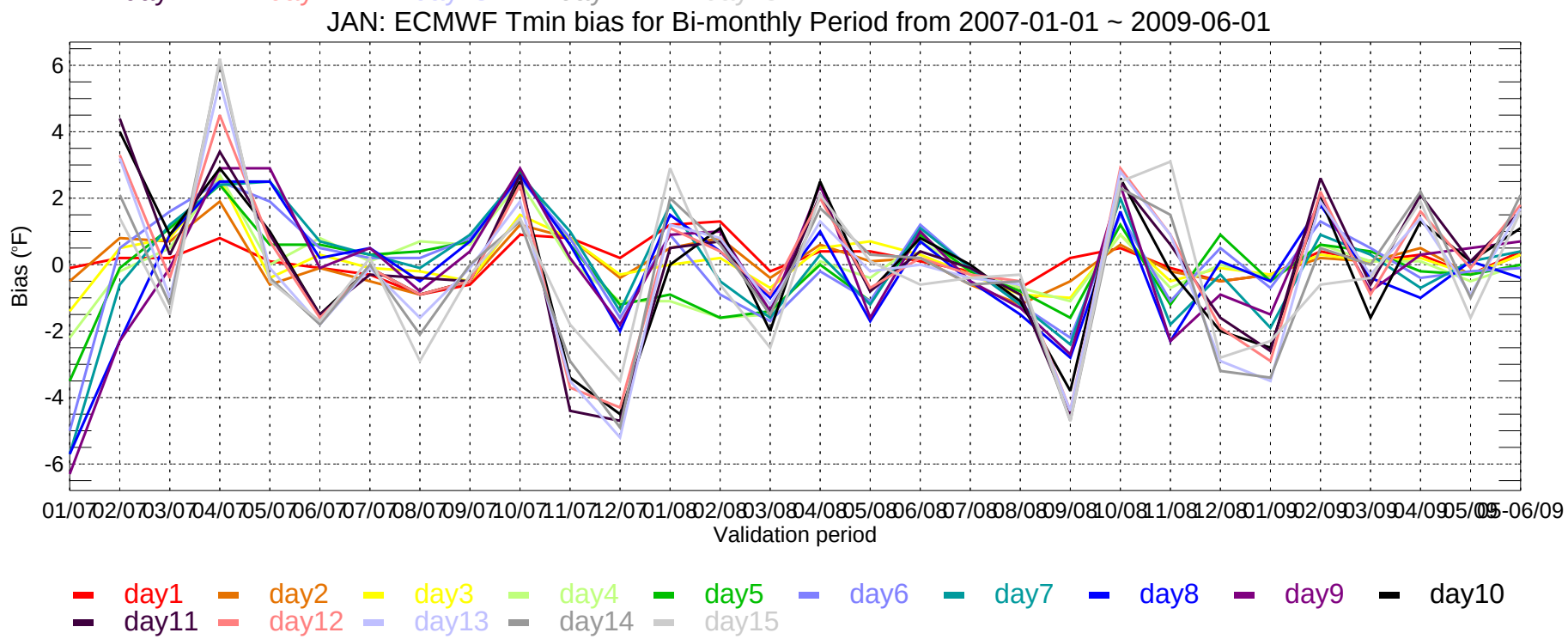

IPT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

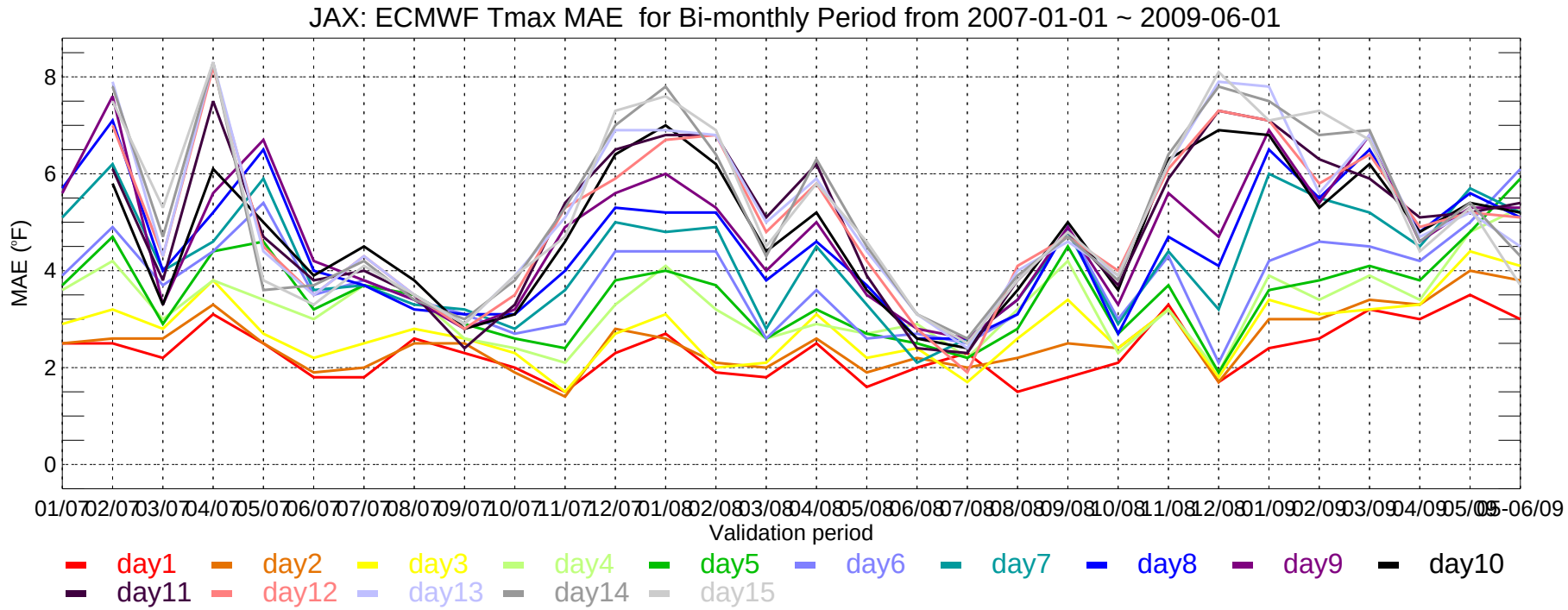

IPT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

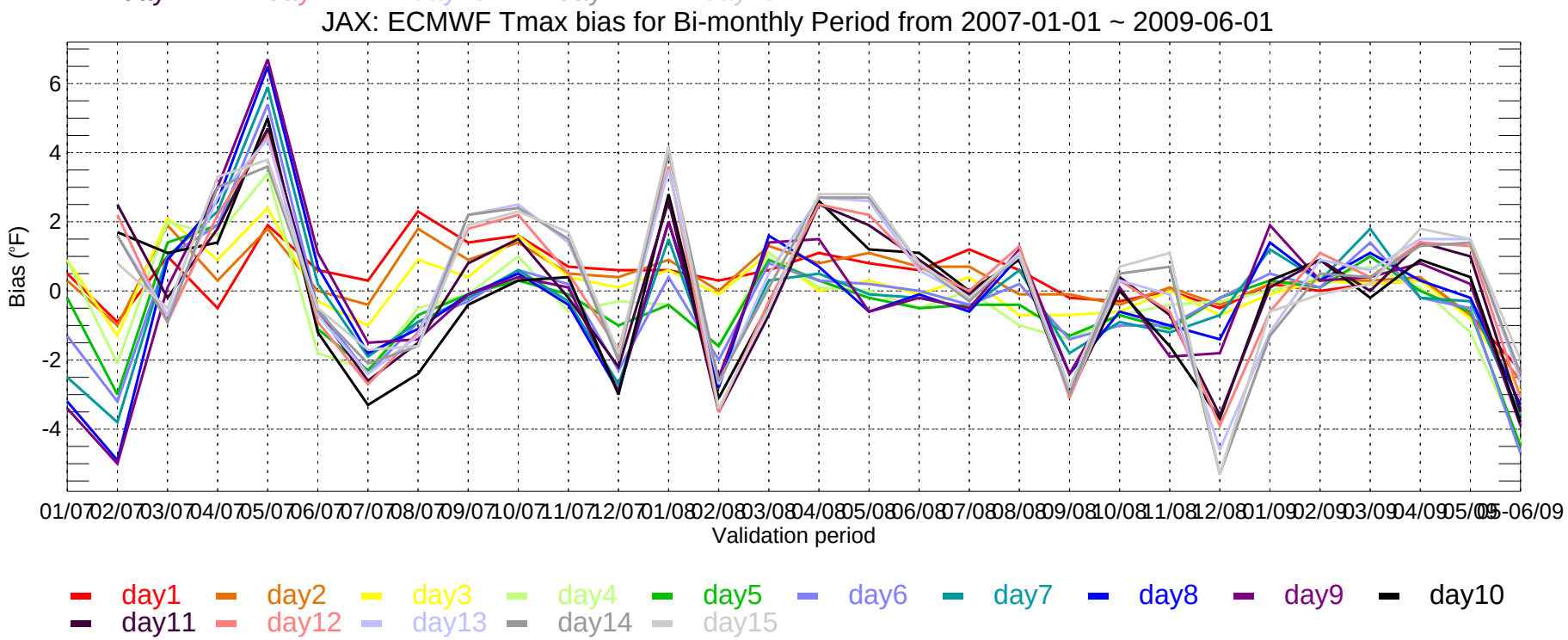

JAN: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

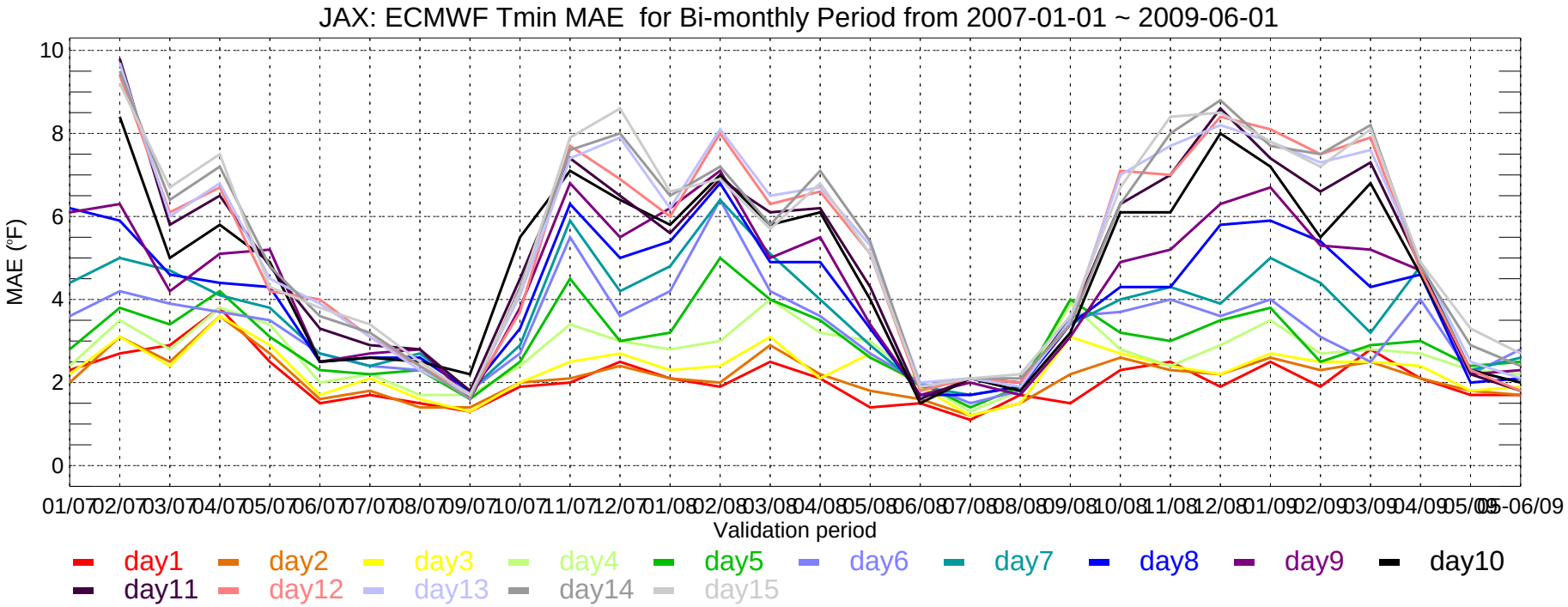

JAN: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

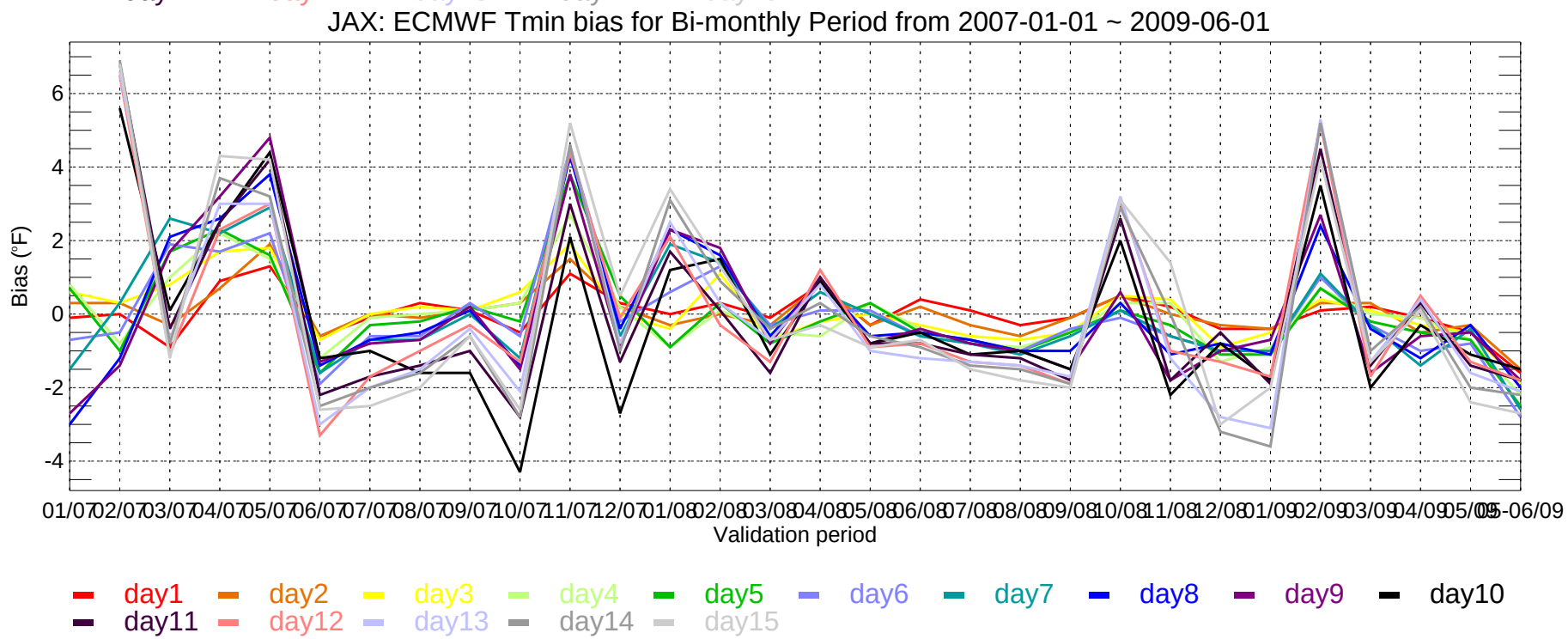

JAN: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

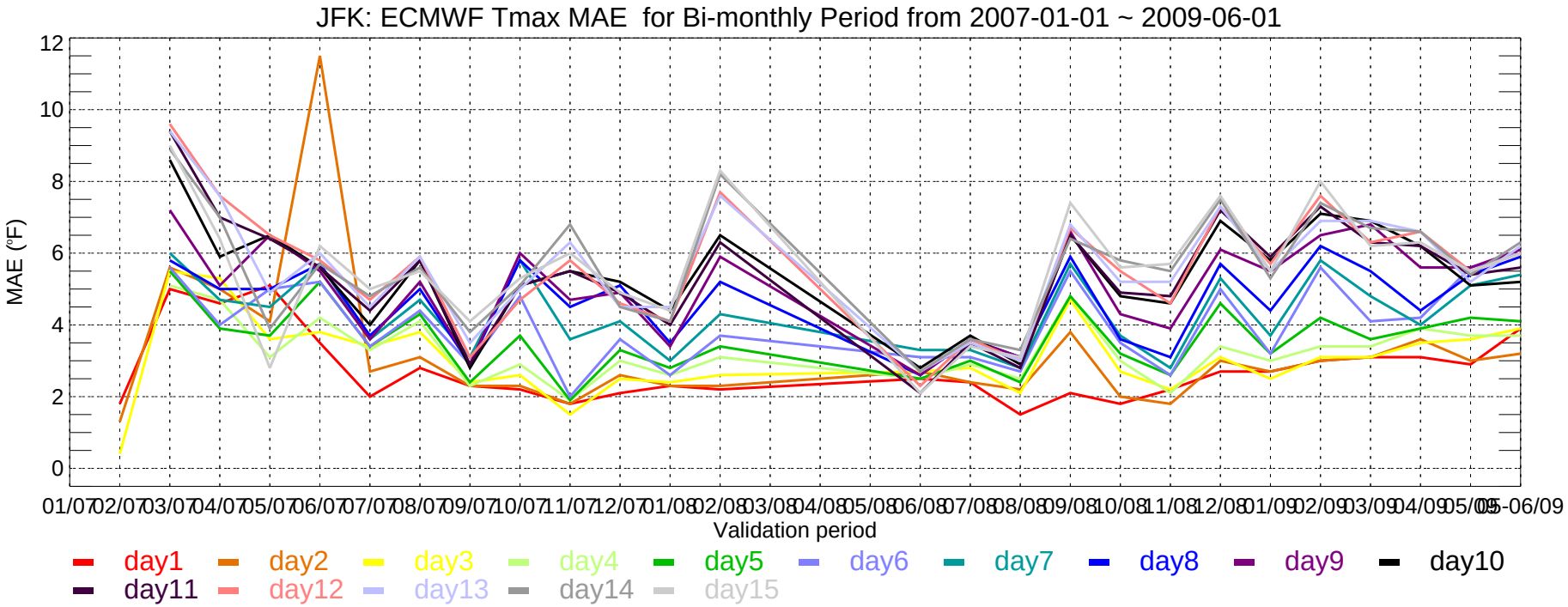

JAN: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

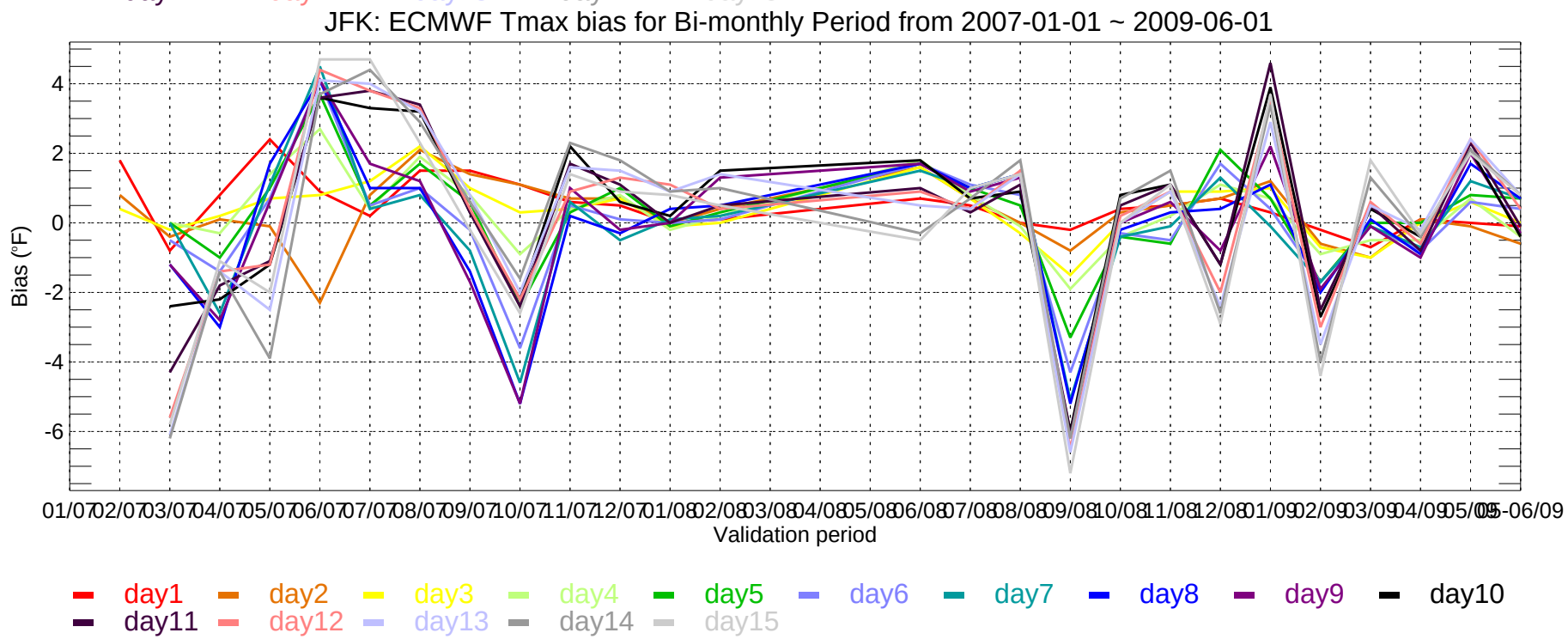

JAX: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

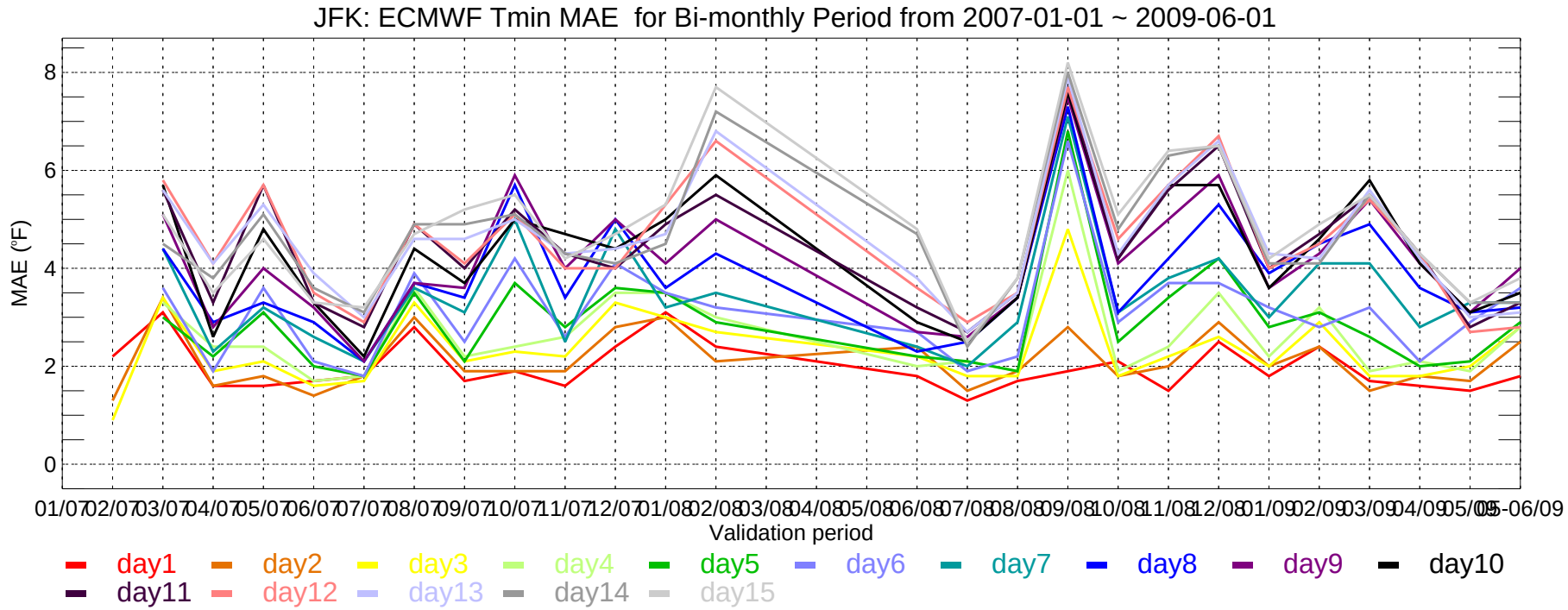

JAX: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

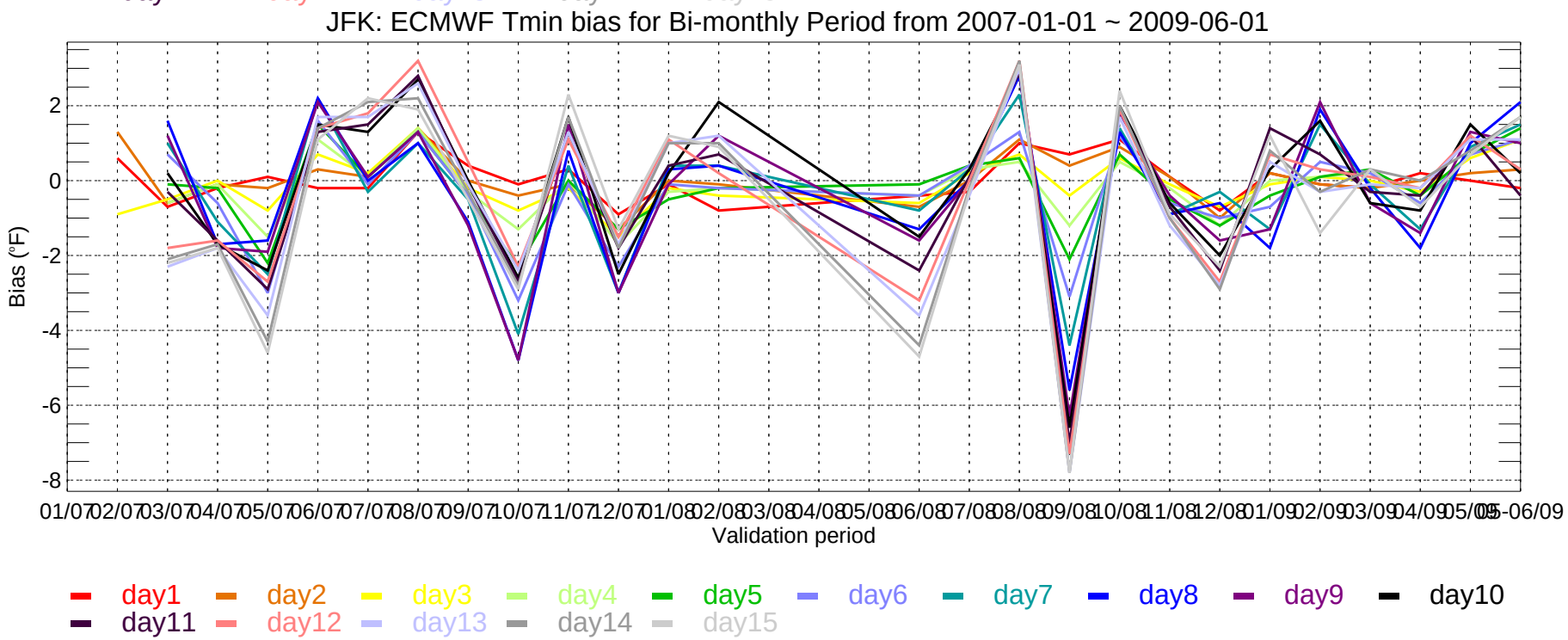

JAX: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

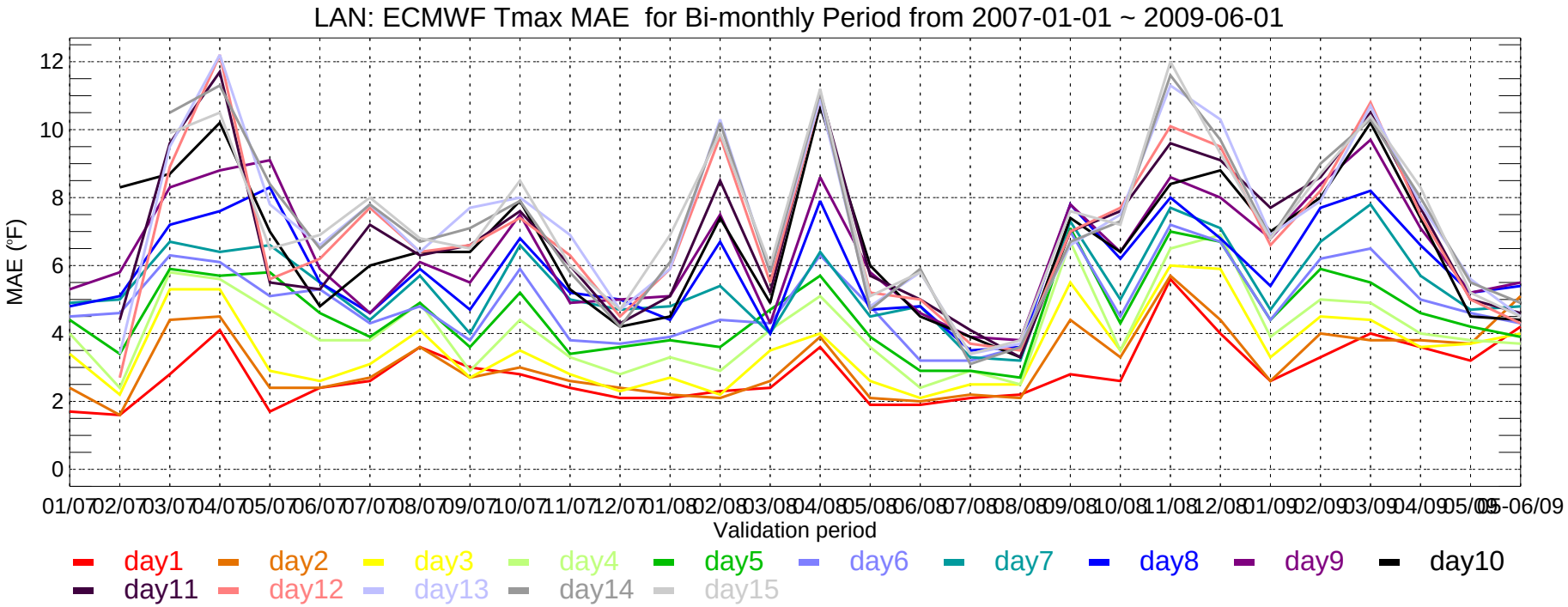

JAX: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

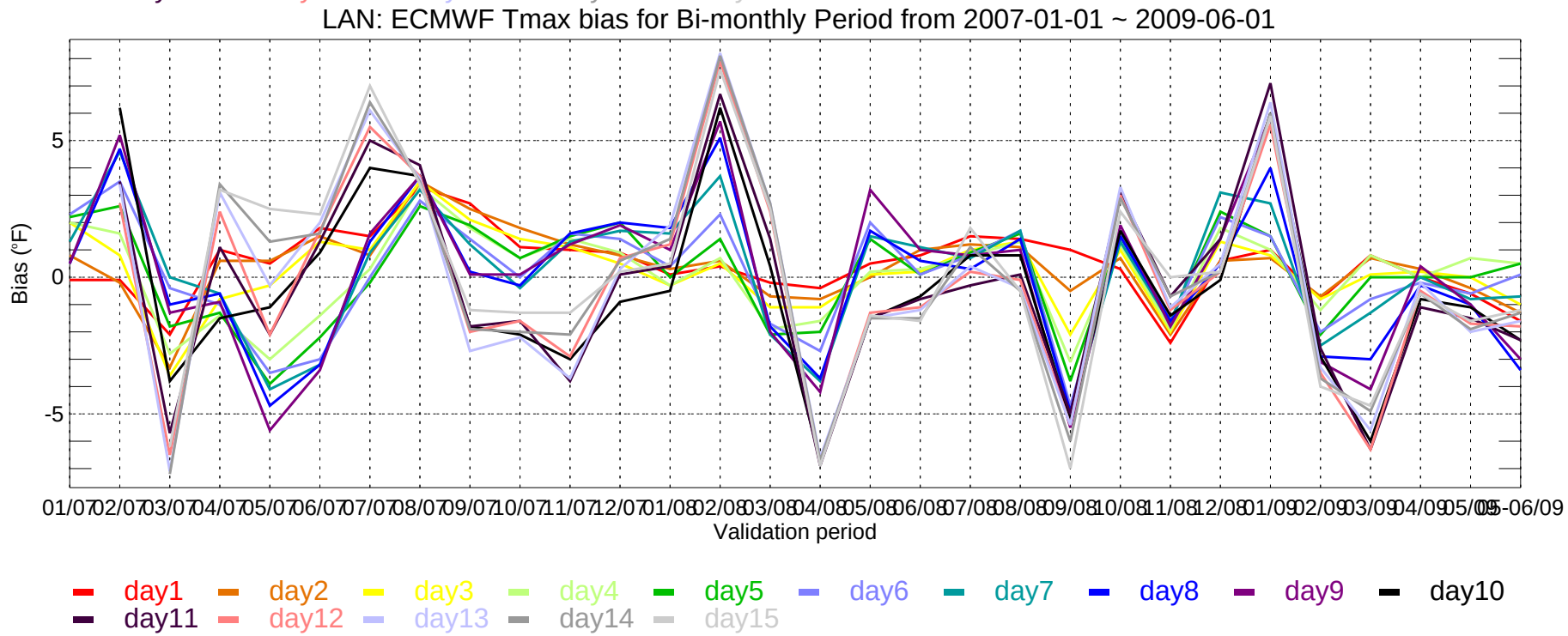

JFK: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

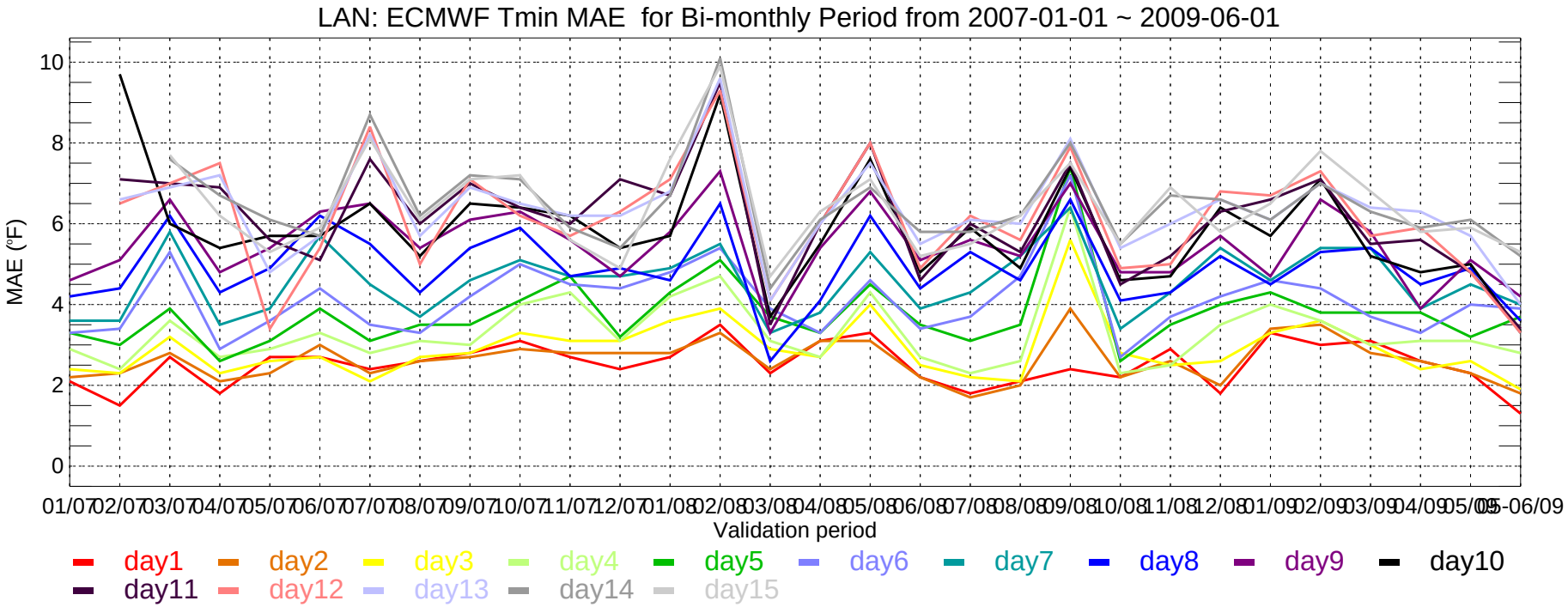

JFK: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

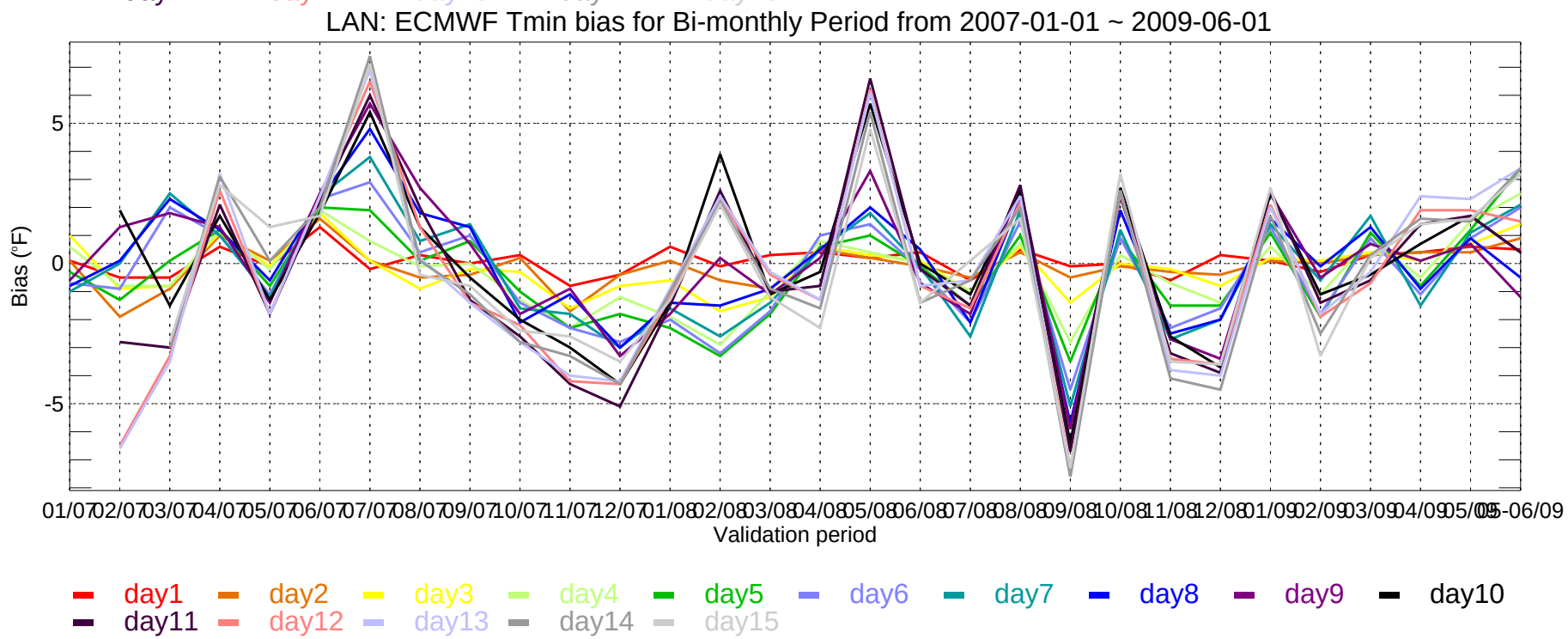

JFK: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

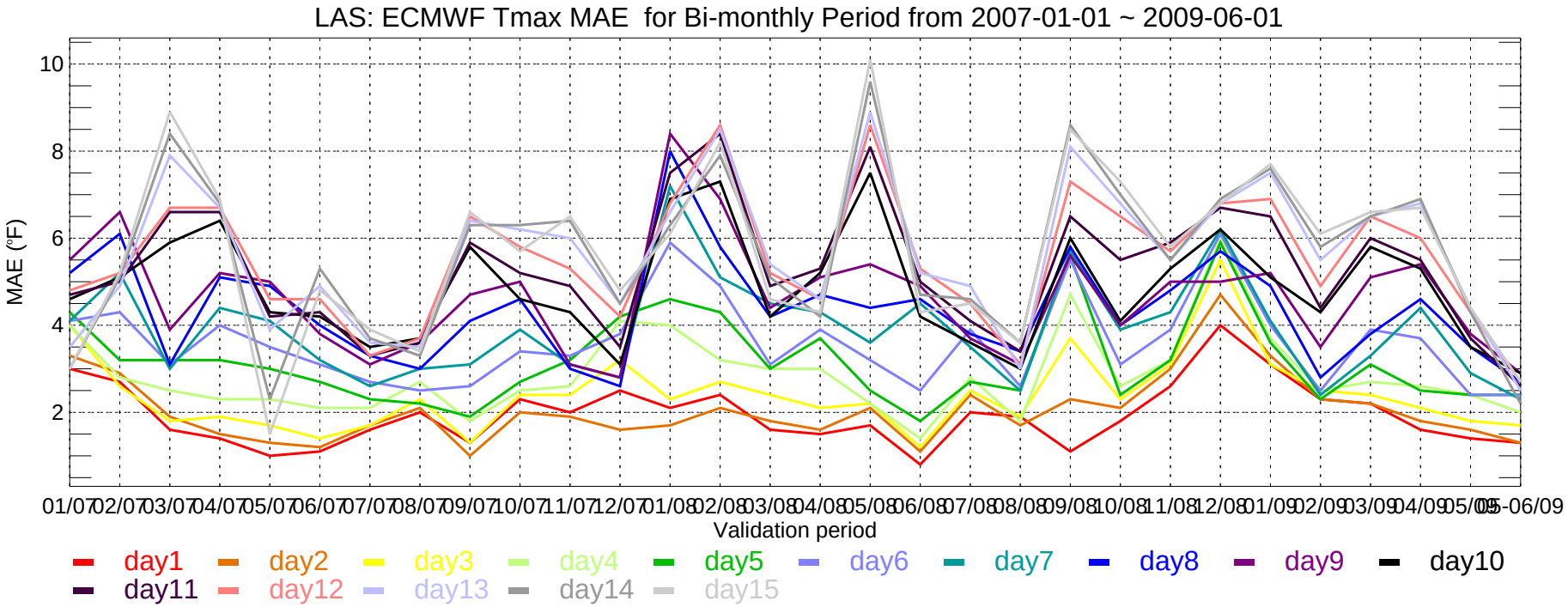

JFK: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

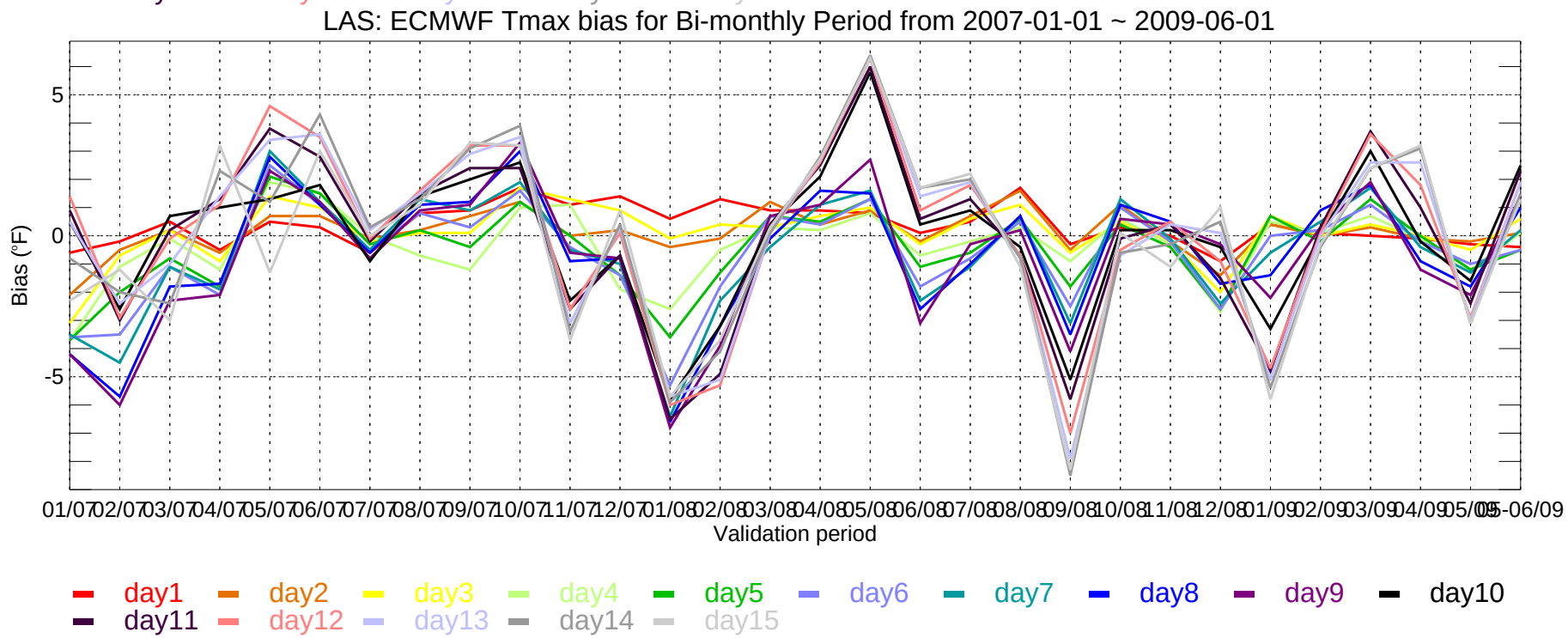

LAN: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

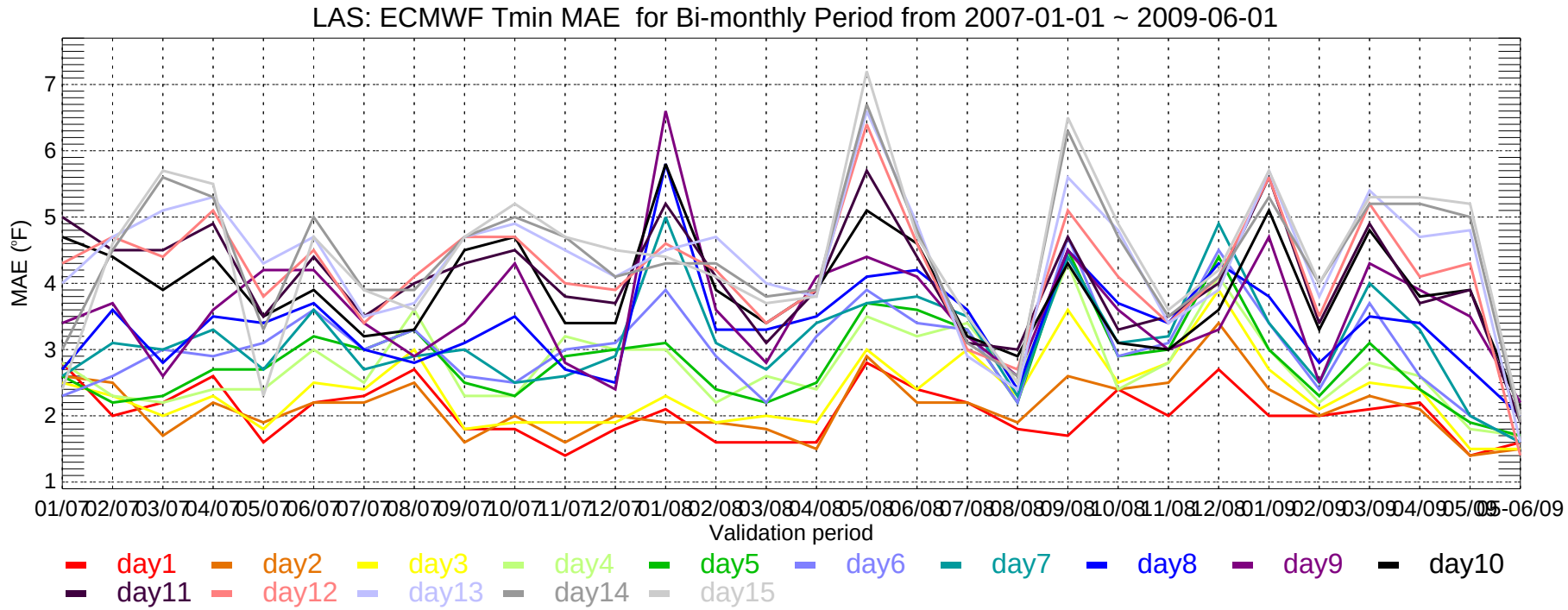

LAN: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

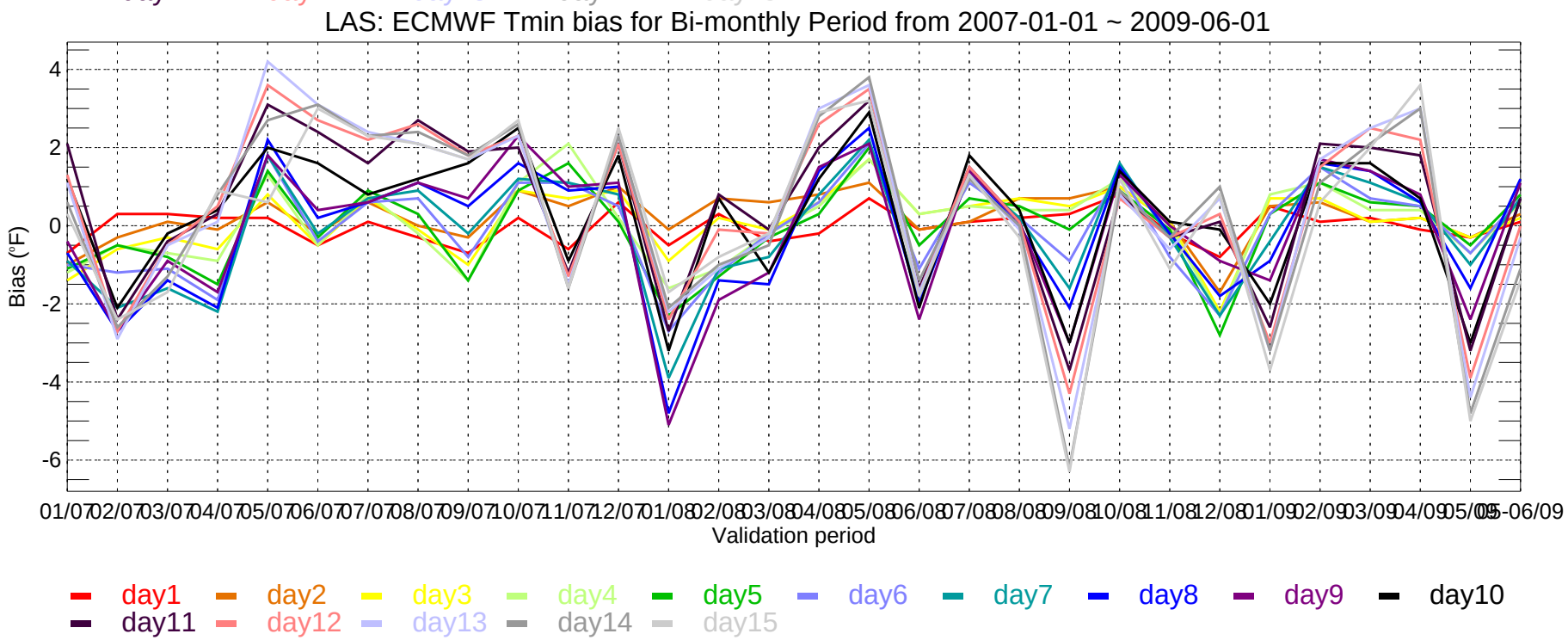

LAN: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

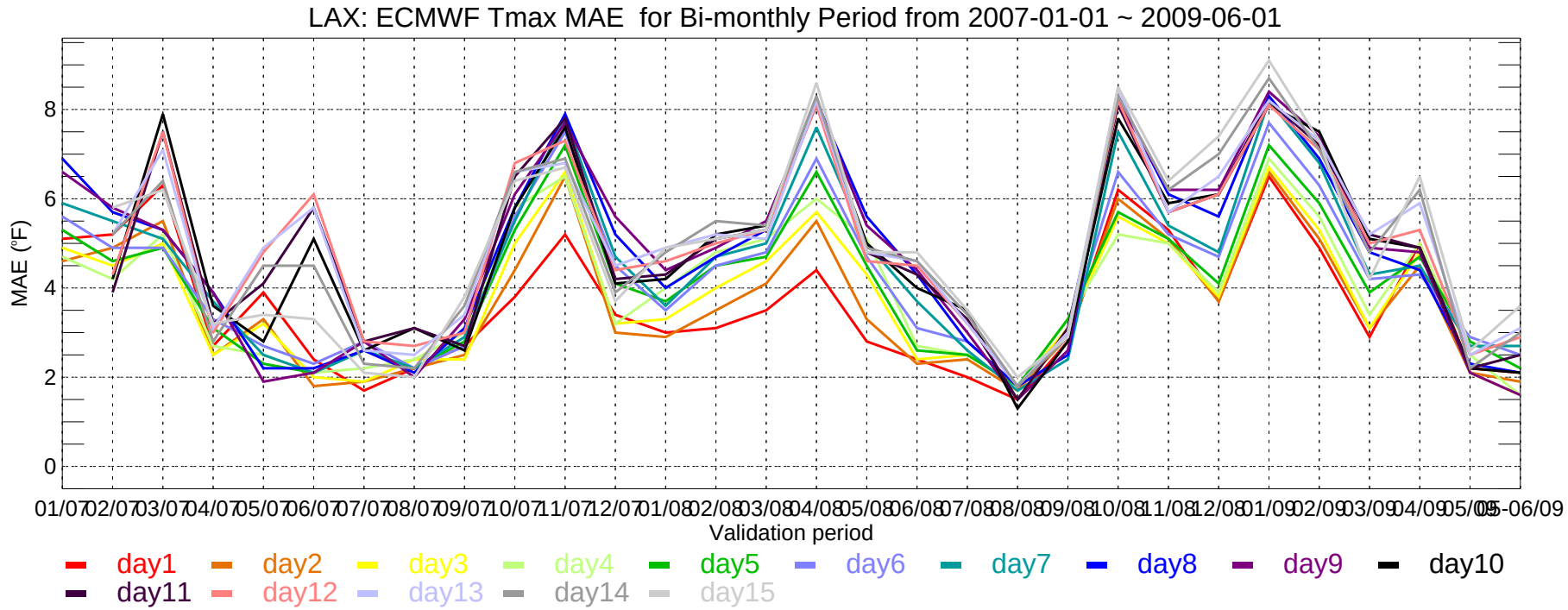

LAN: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

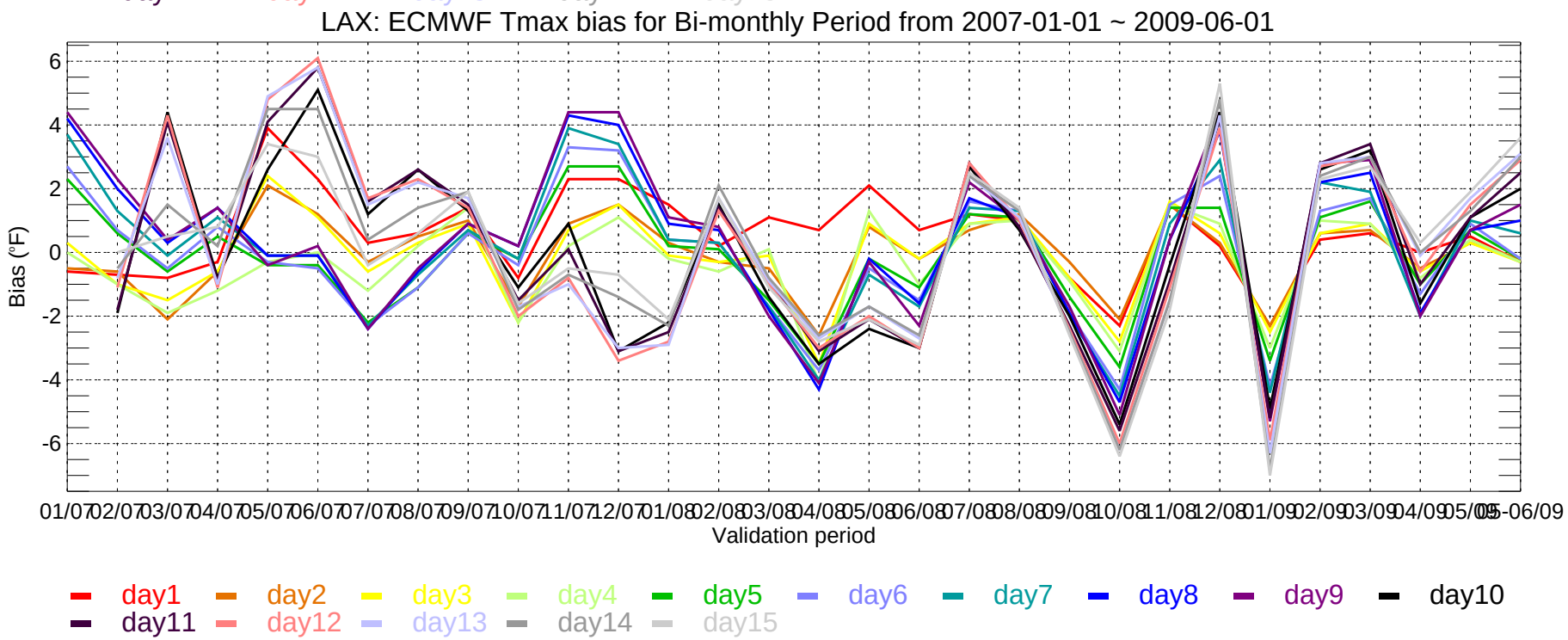

LAS: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

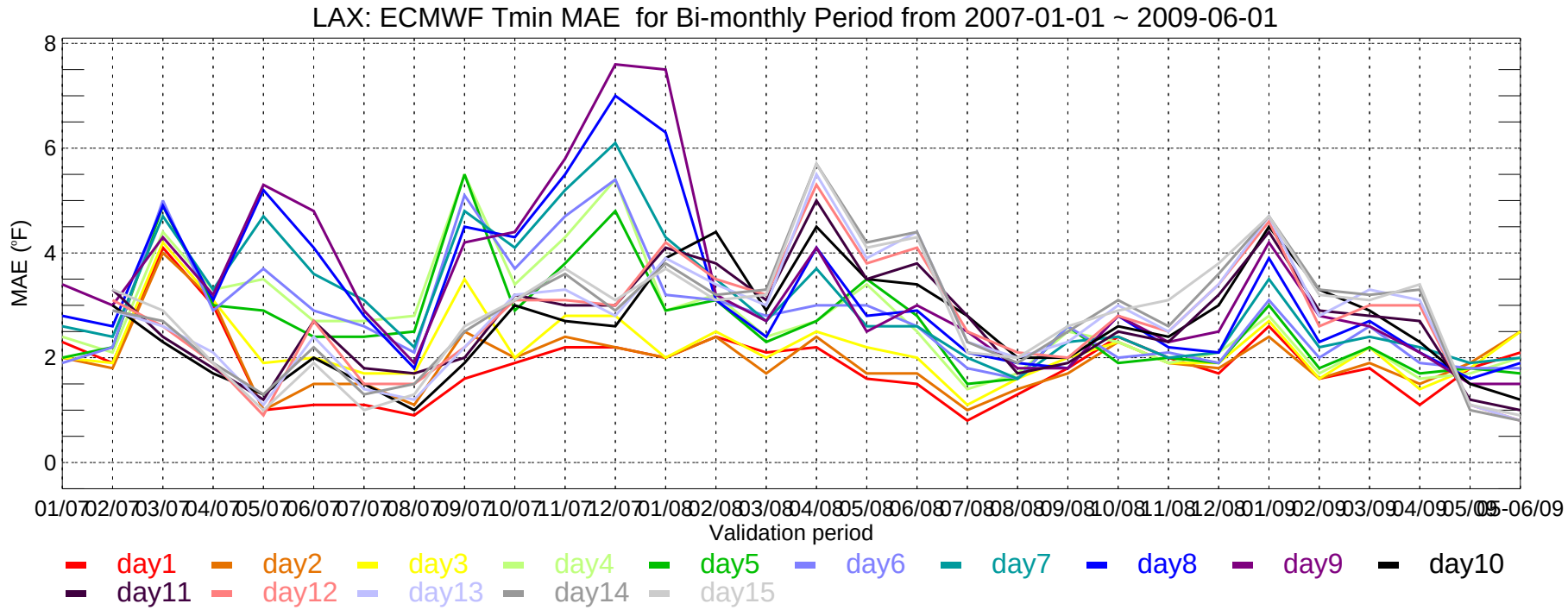

LAS: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

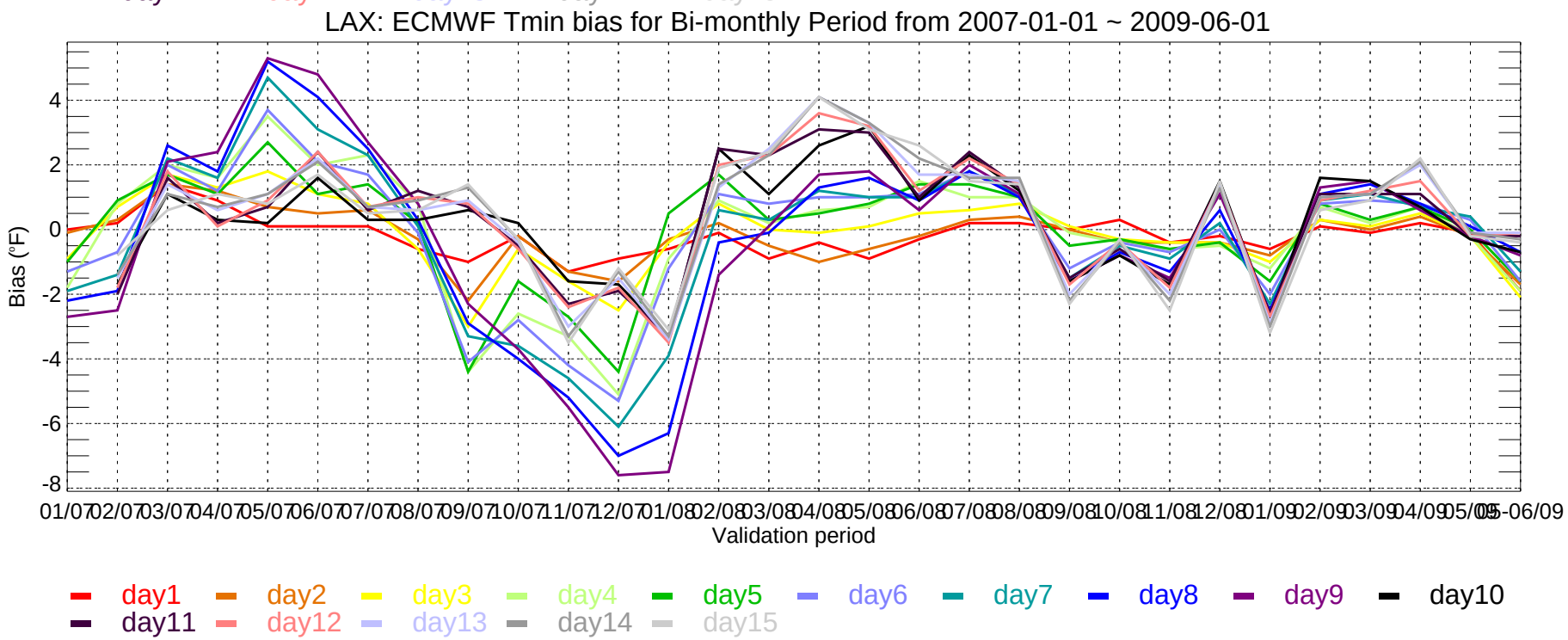

LAS: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

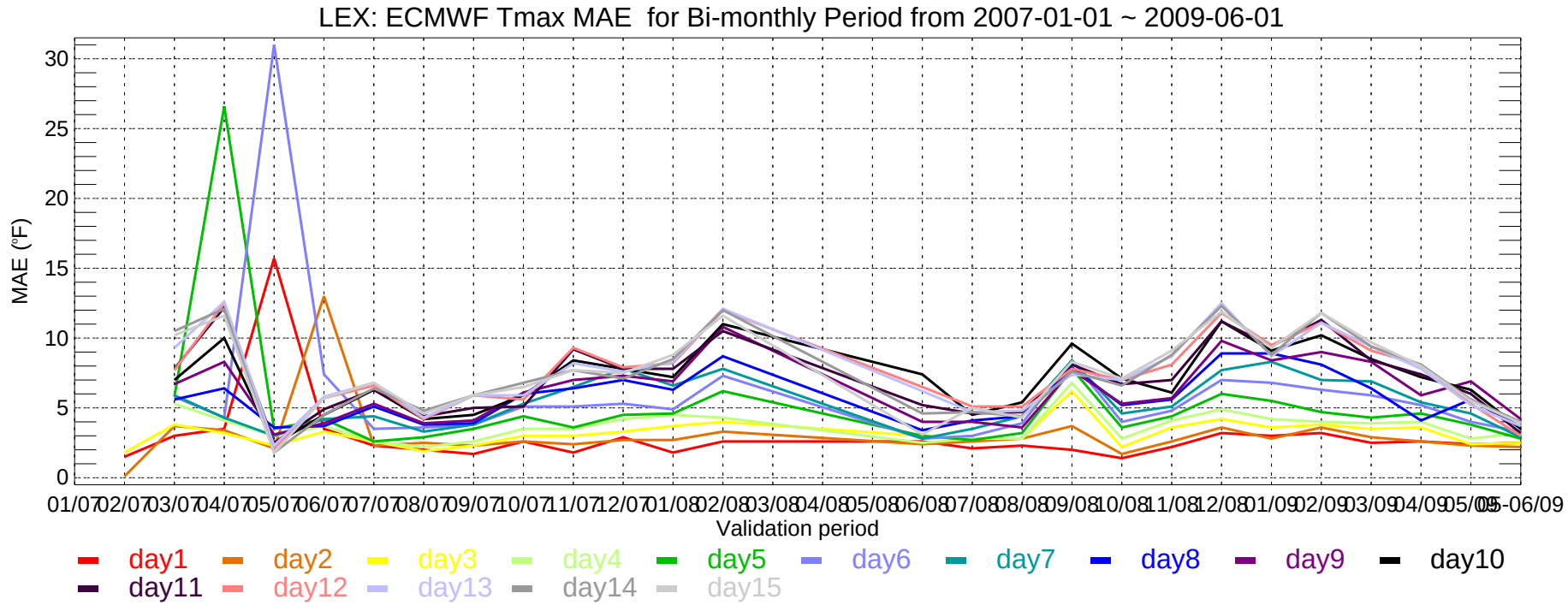

LAS: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

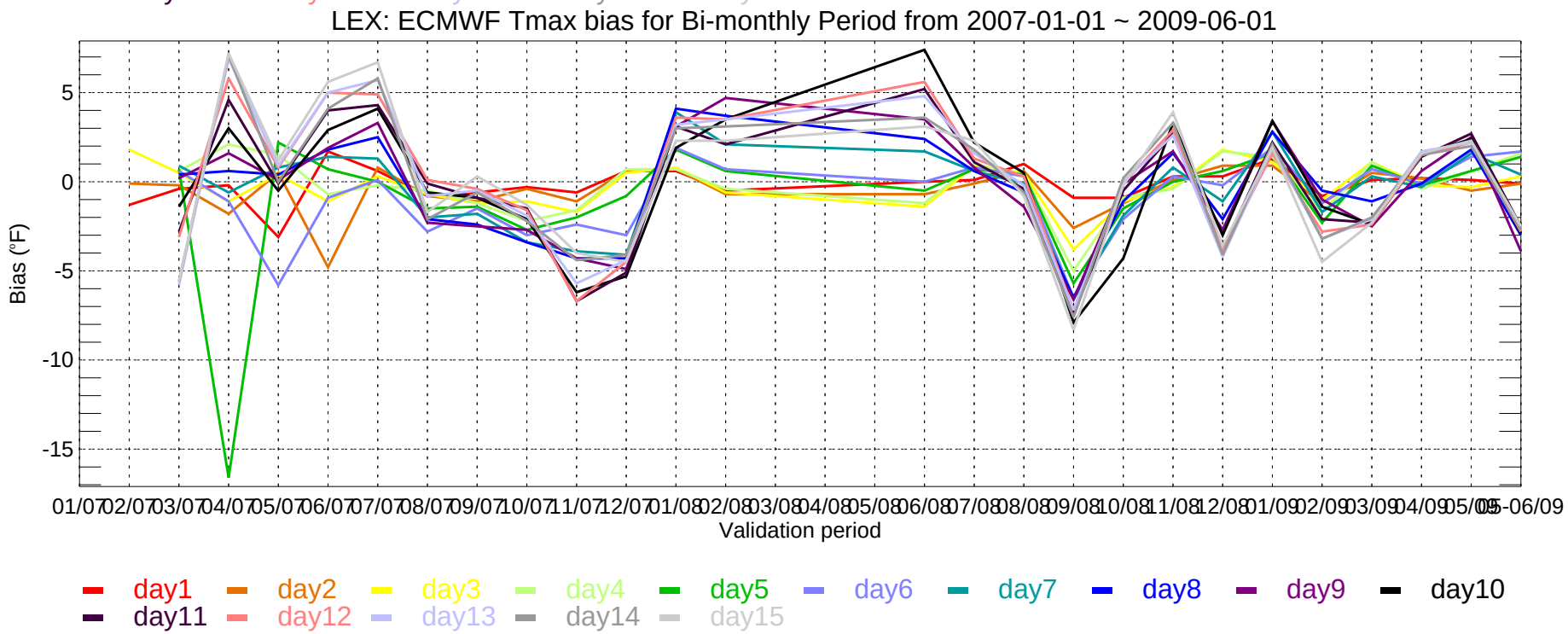

LAX: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

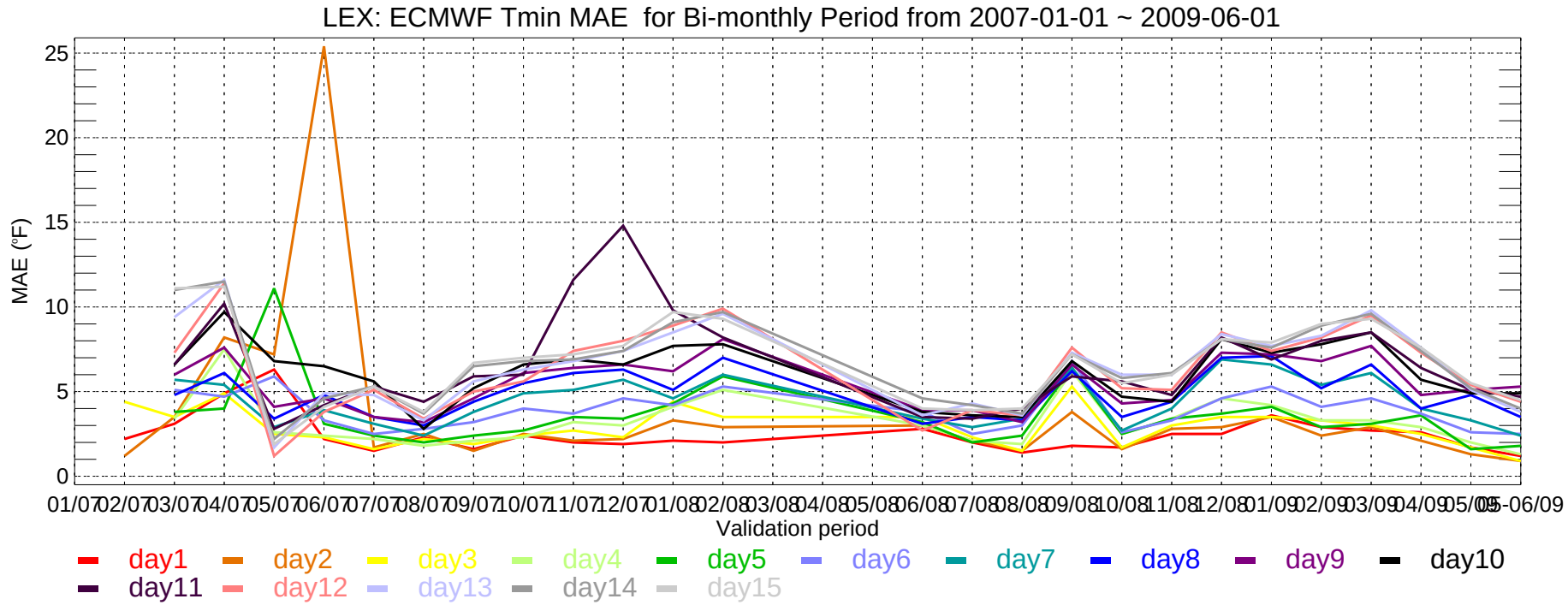

LAX: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

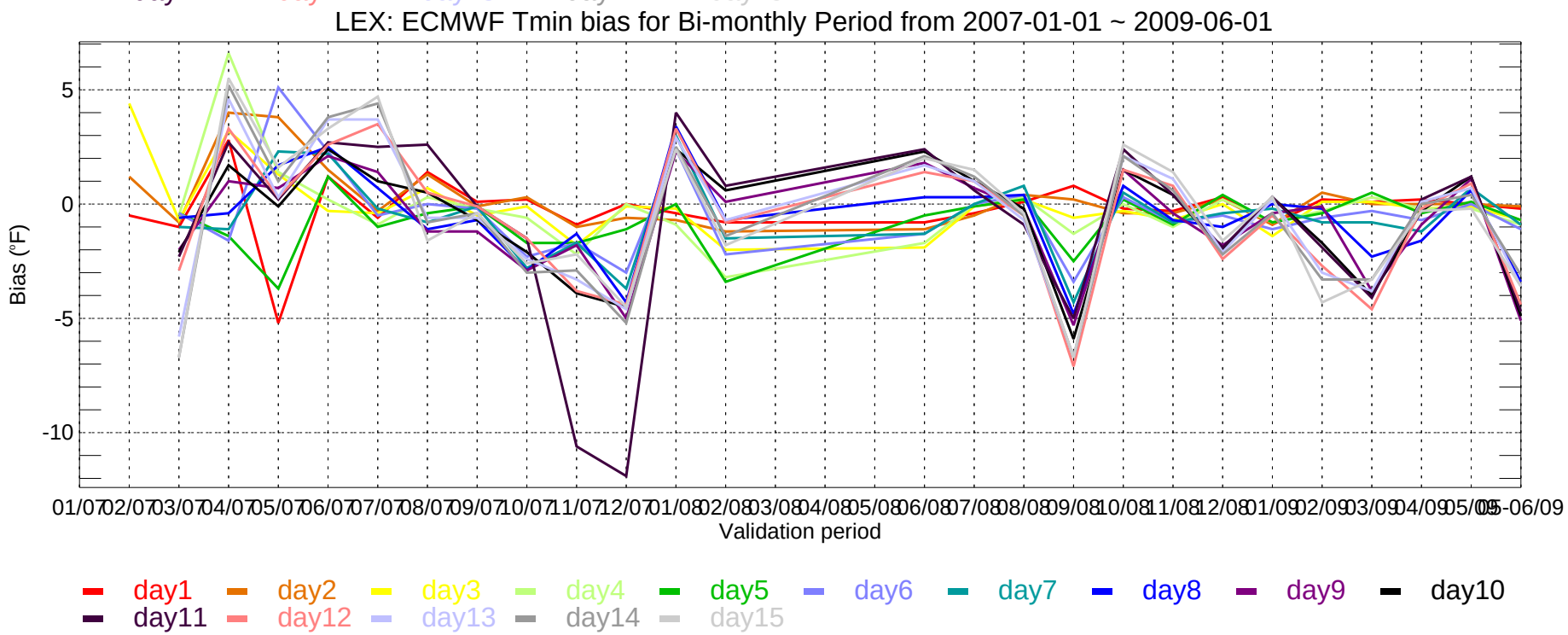

LAX: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

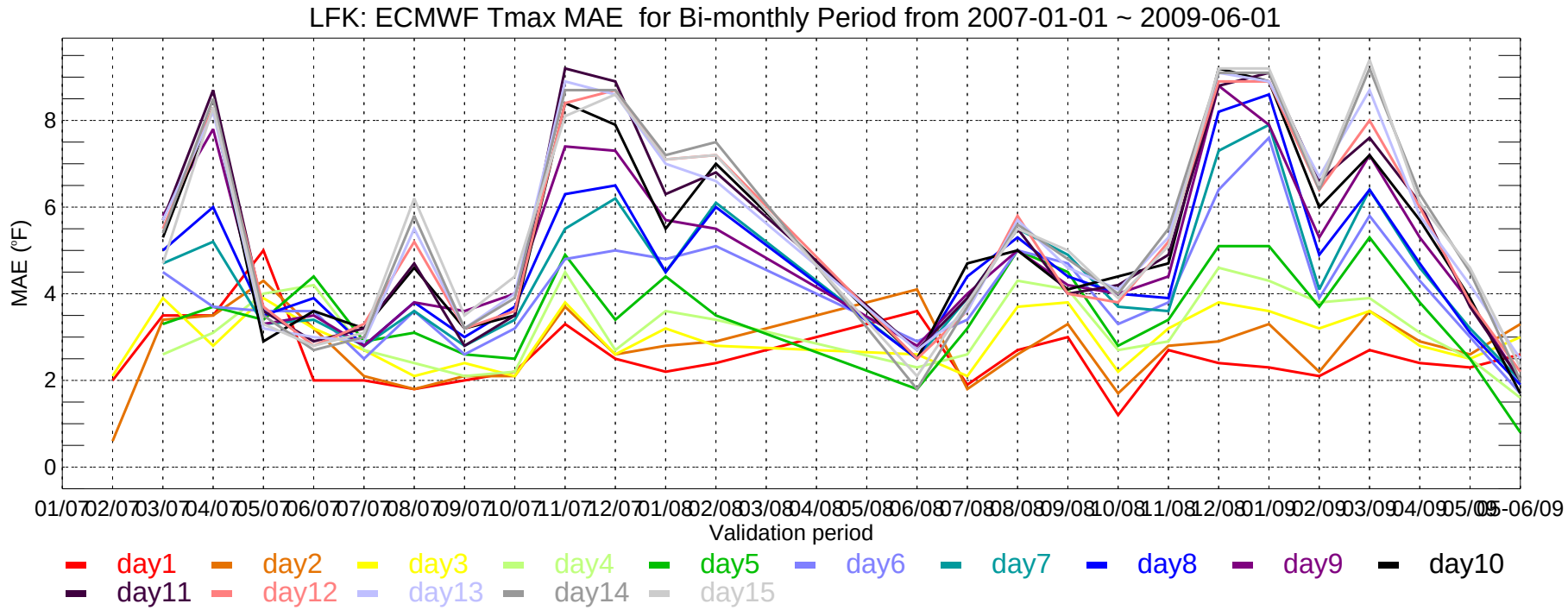

LAX: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

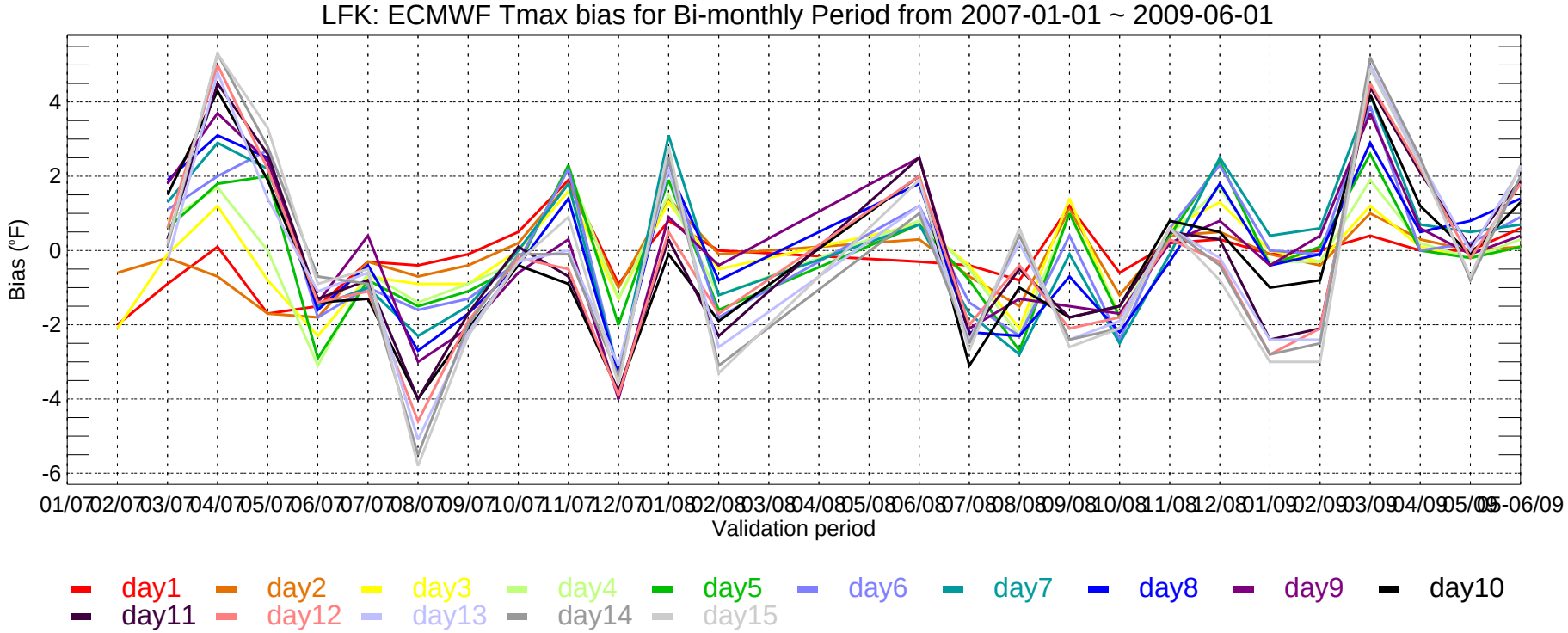

LEX: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
30
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

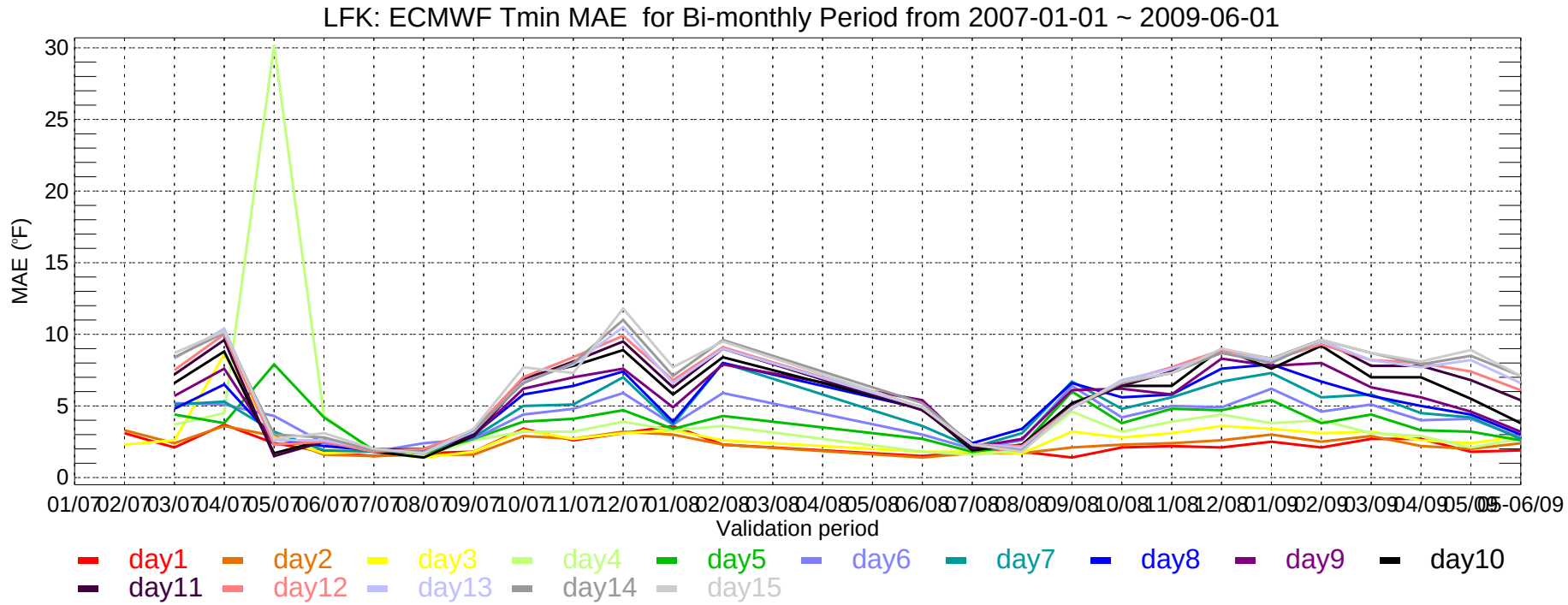

LEX: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

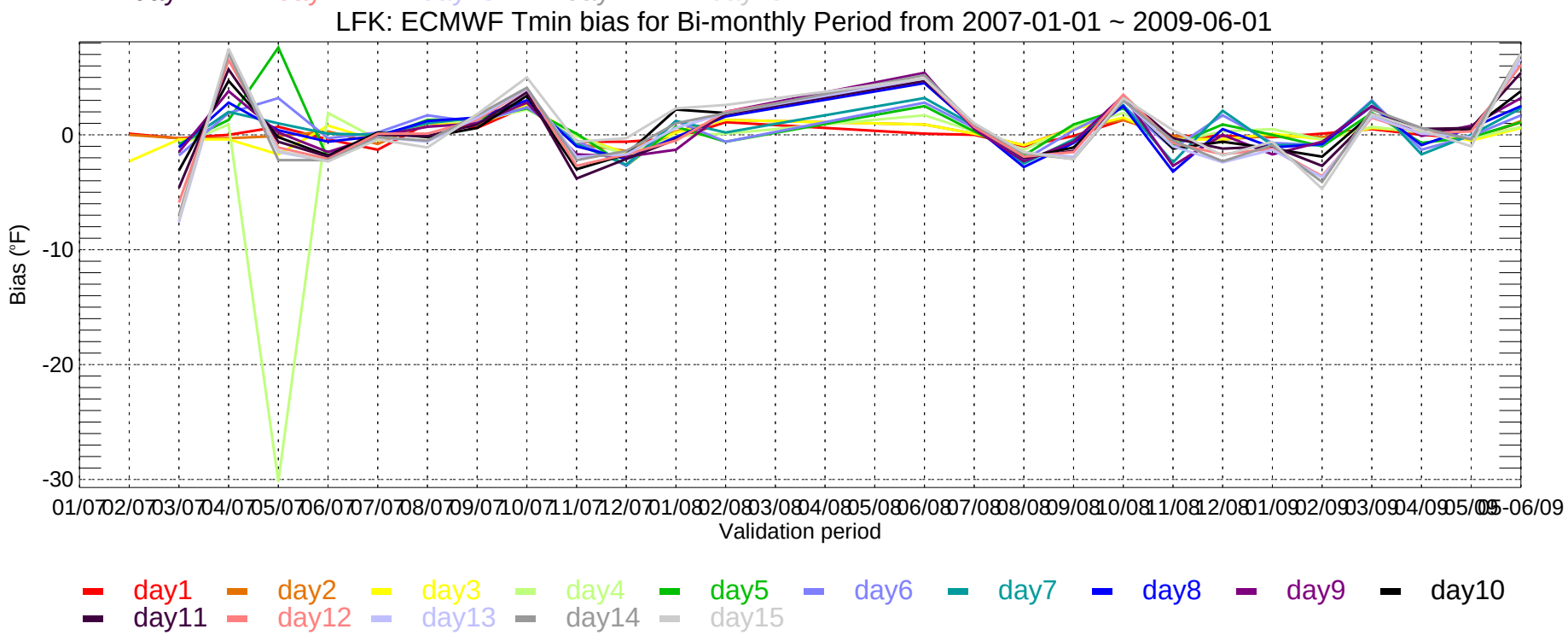

LEX: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

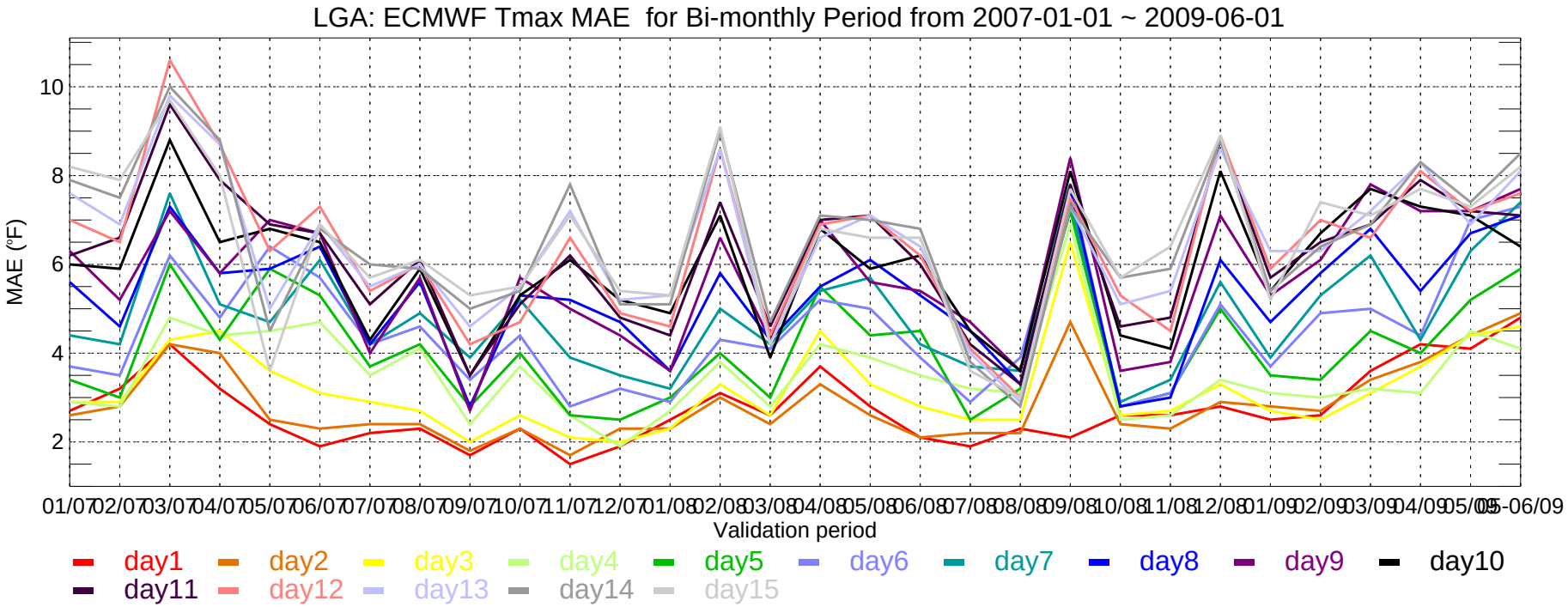

LEX: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

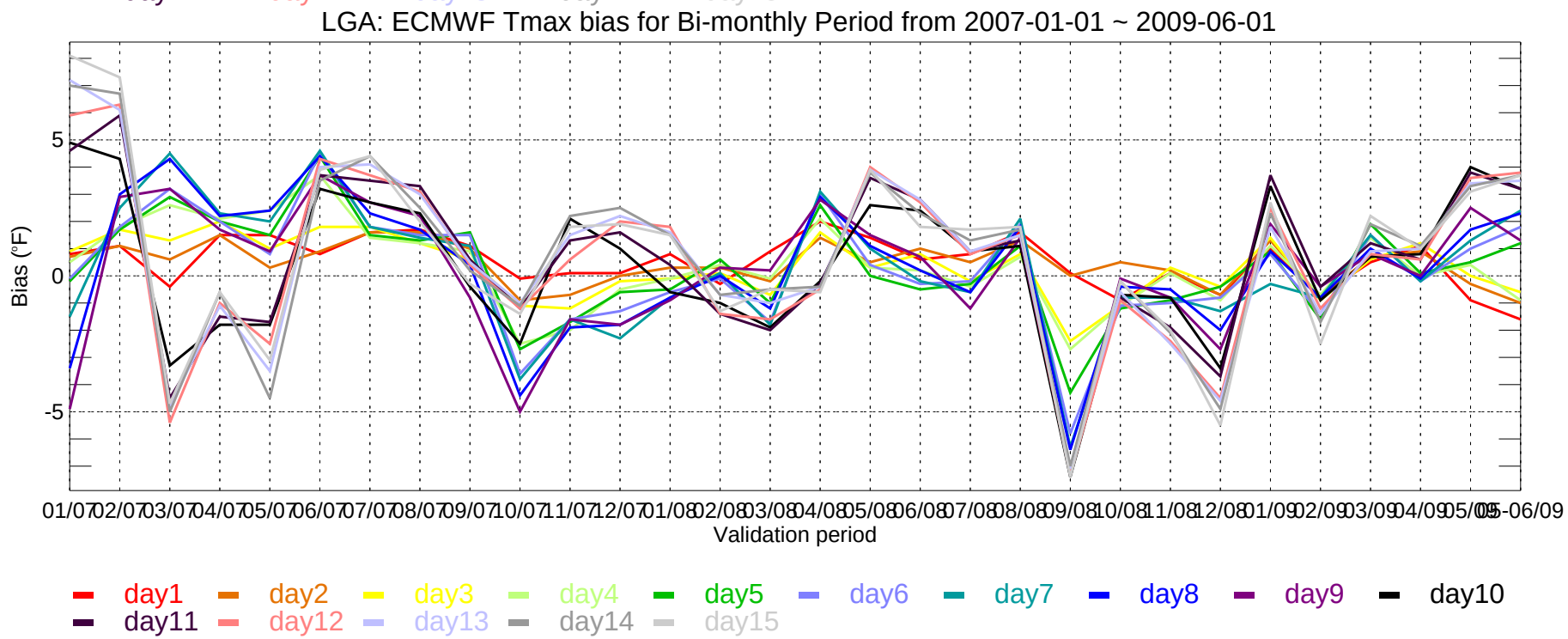

LFK: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

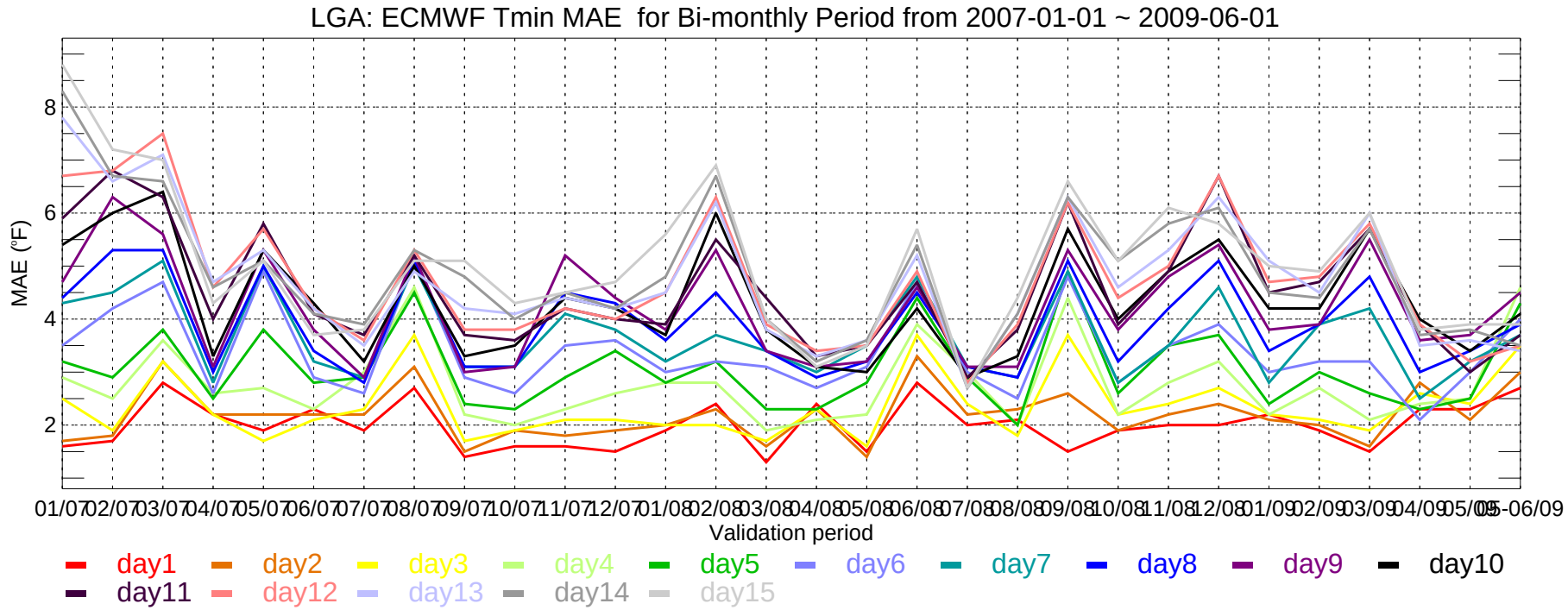

LFK: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

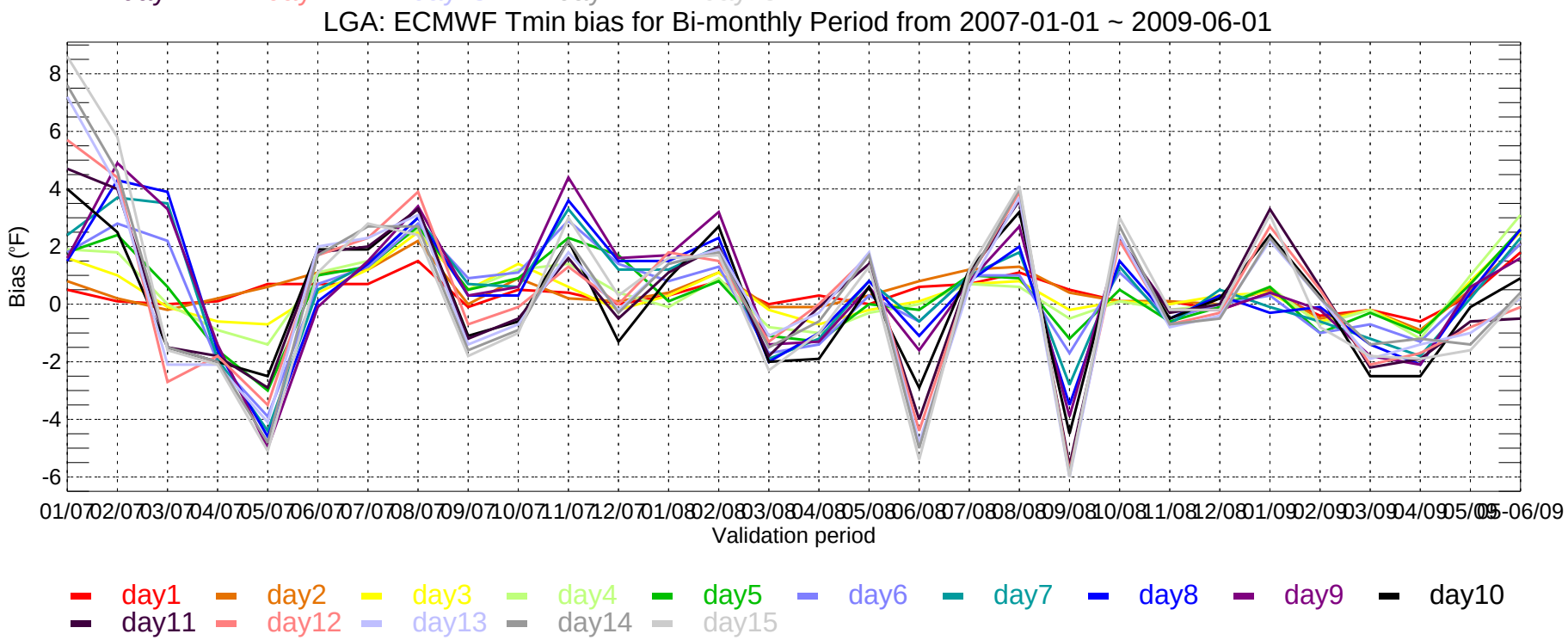

LFK: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
30
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

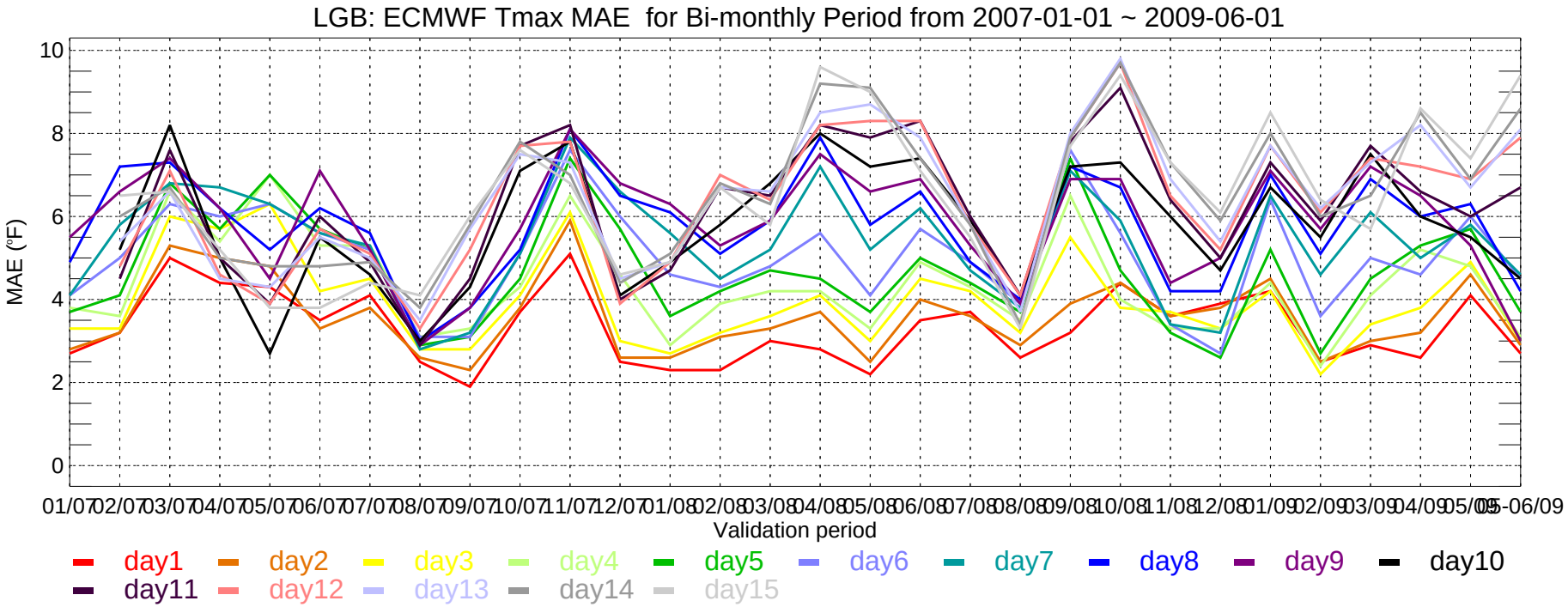

LFK: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
0
-10
-20
-30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

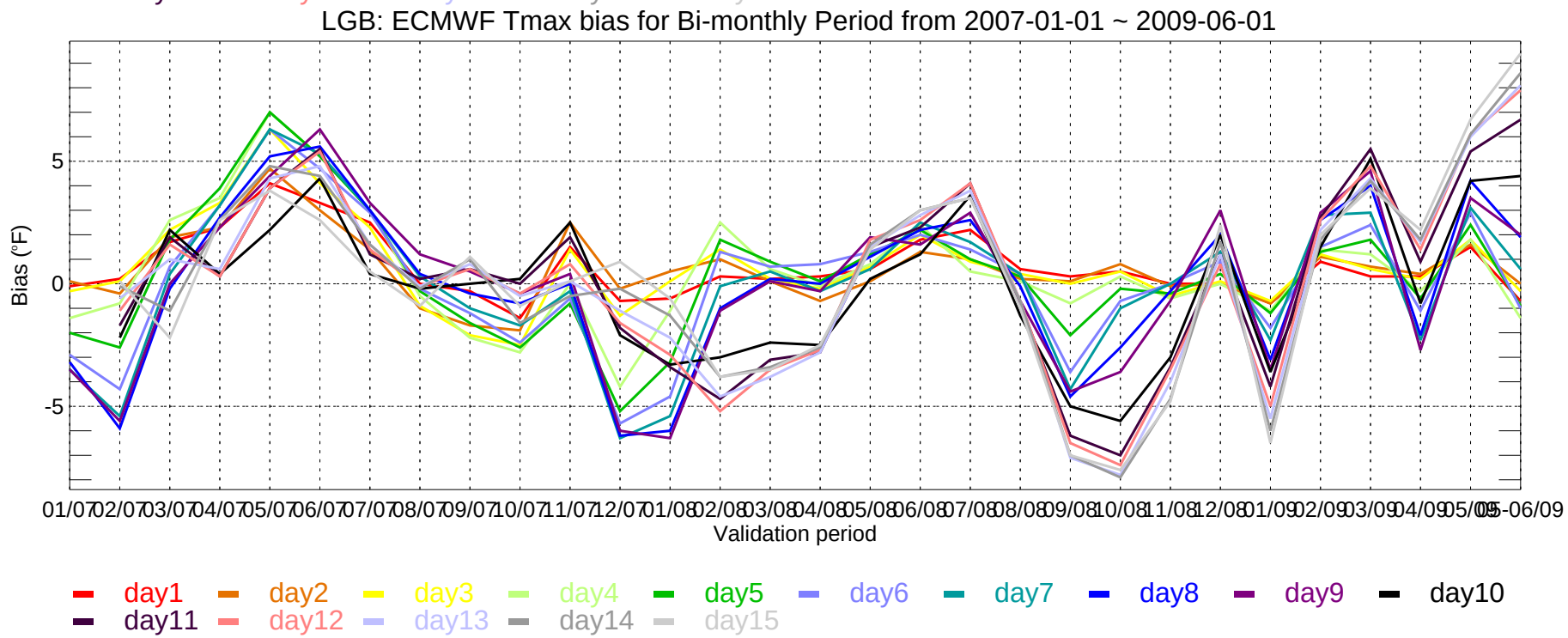

LGA: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

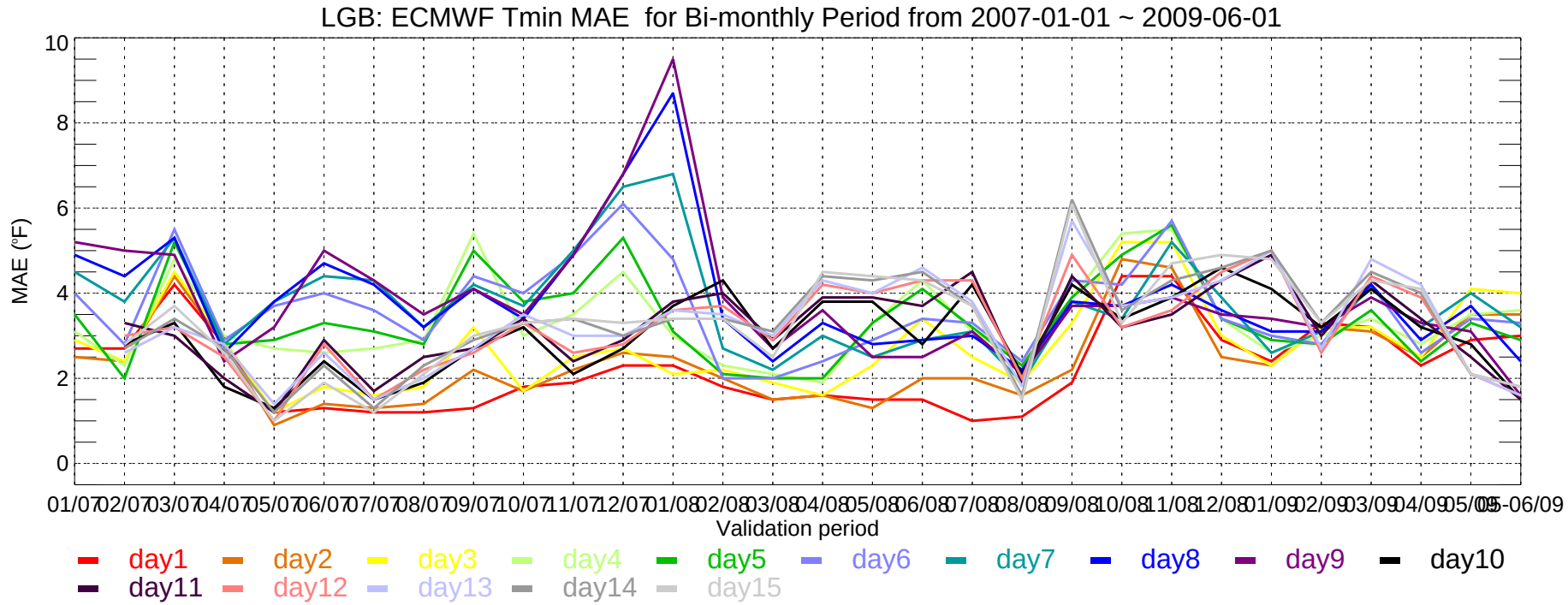

LGA: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

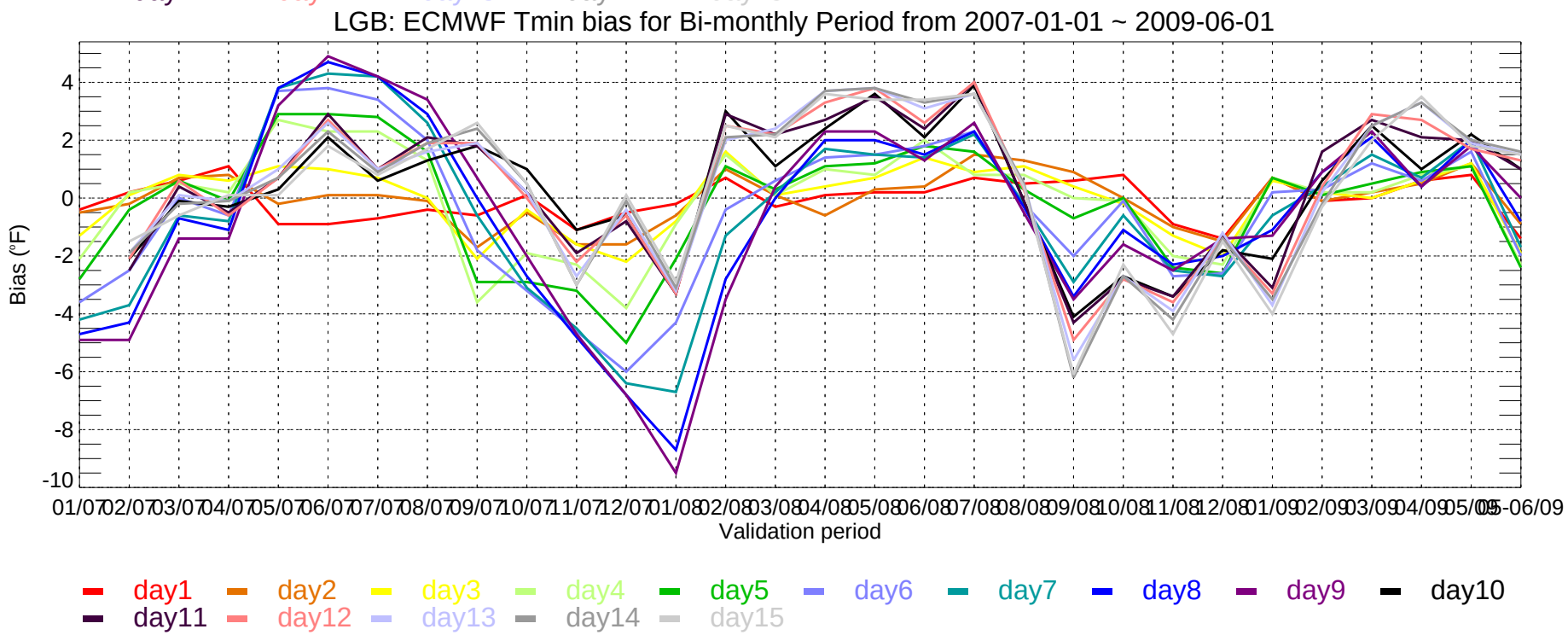

LGA: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

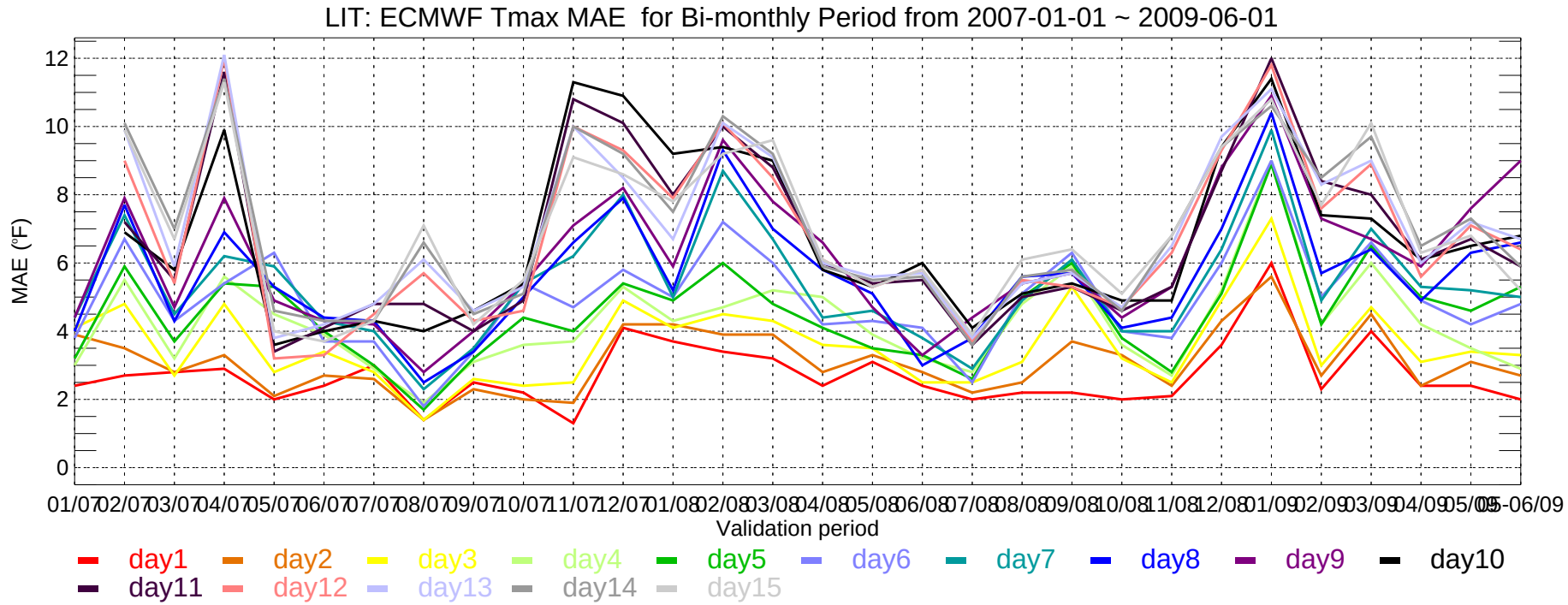

LGA: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

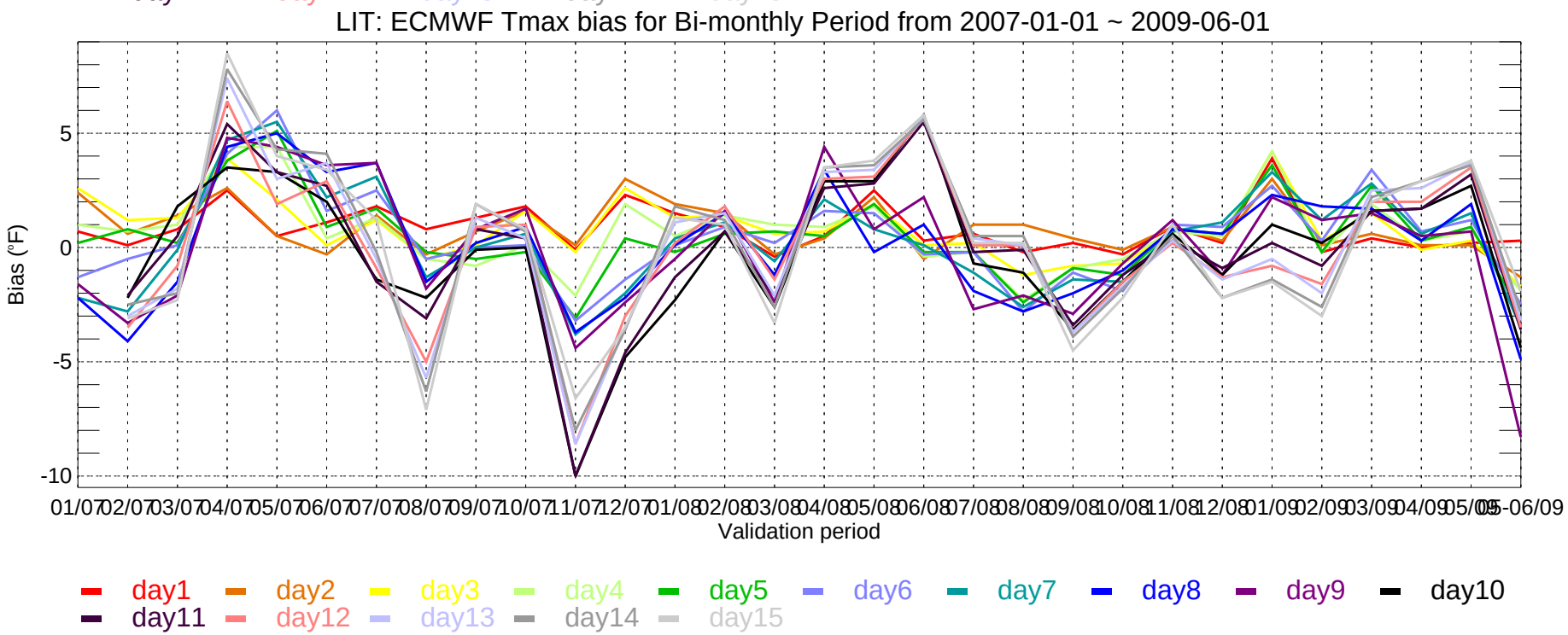

LGB: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

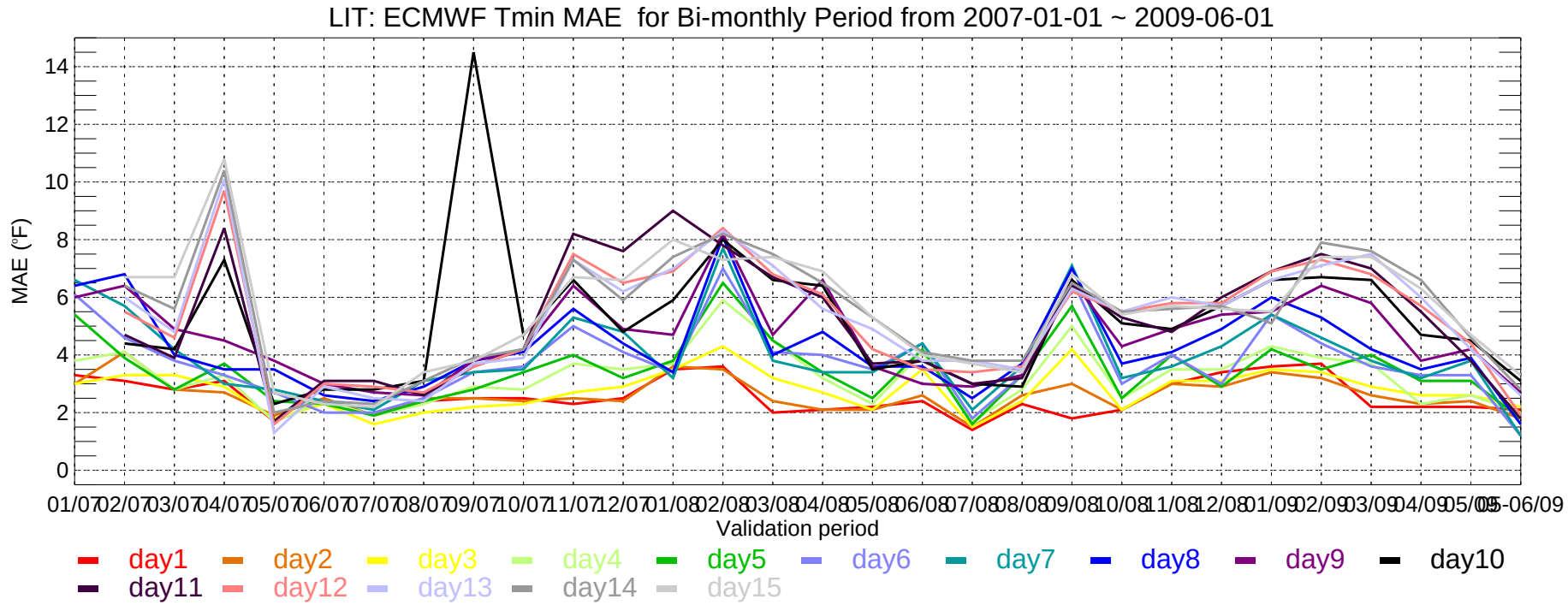

LGB: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

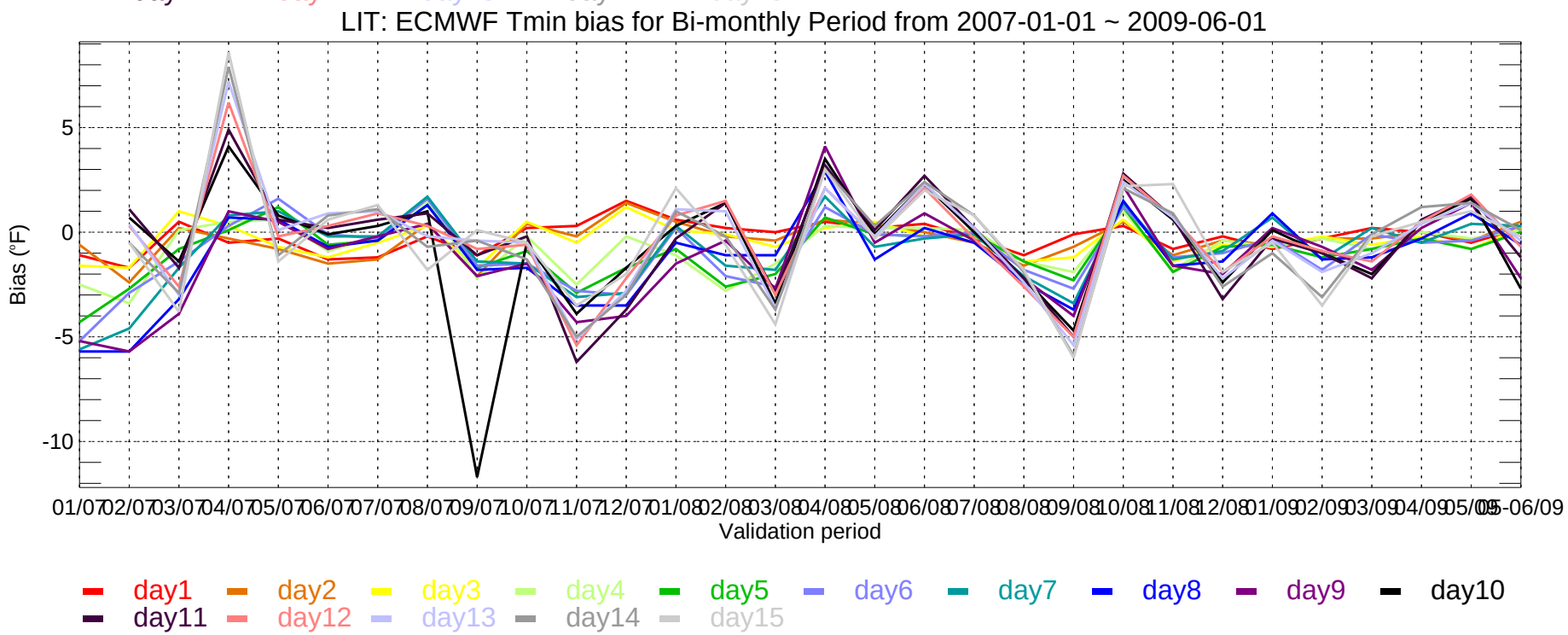

LGB: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

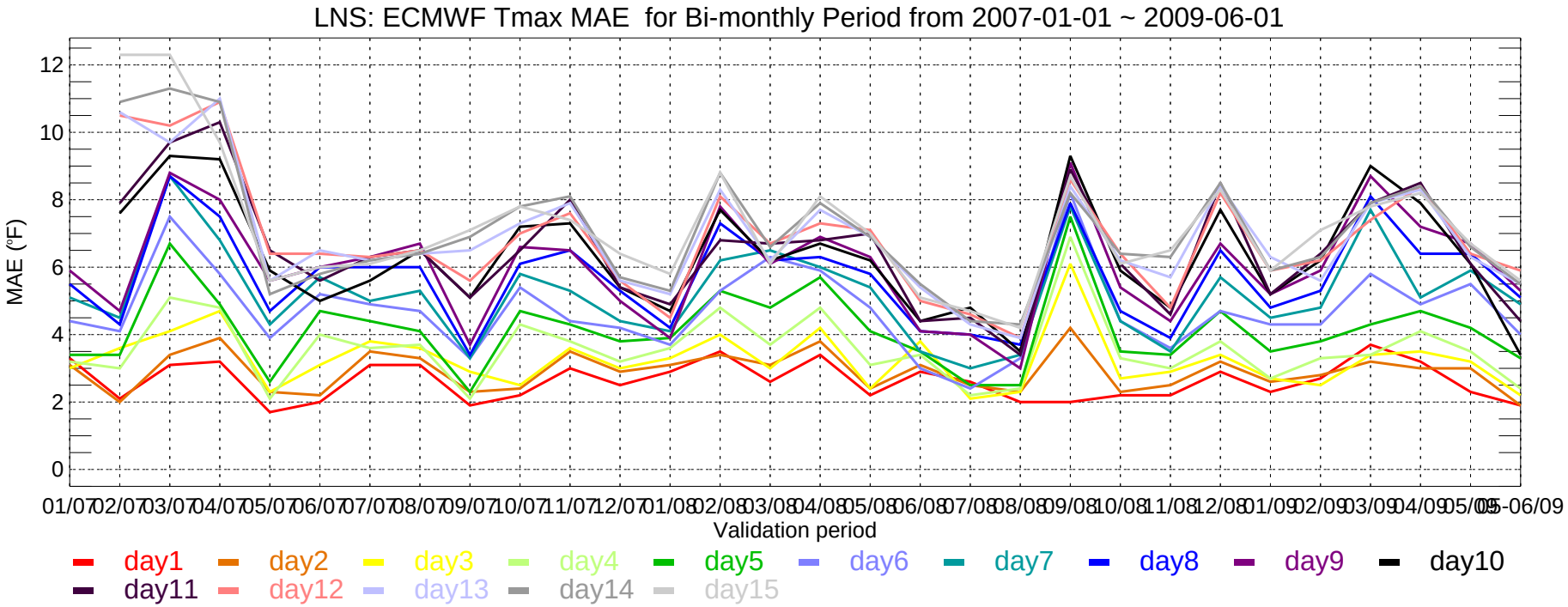

LGB: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

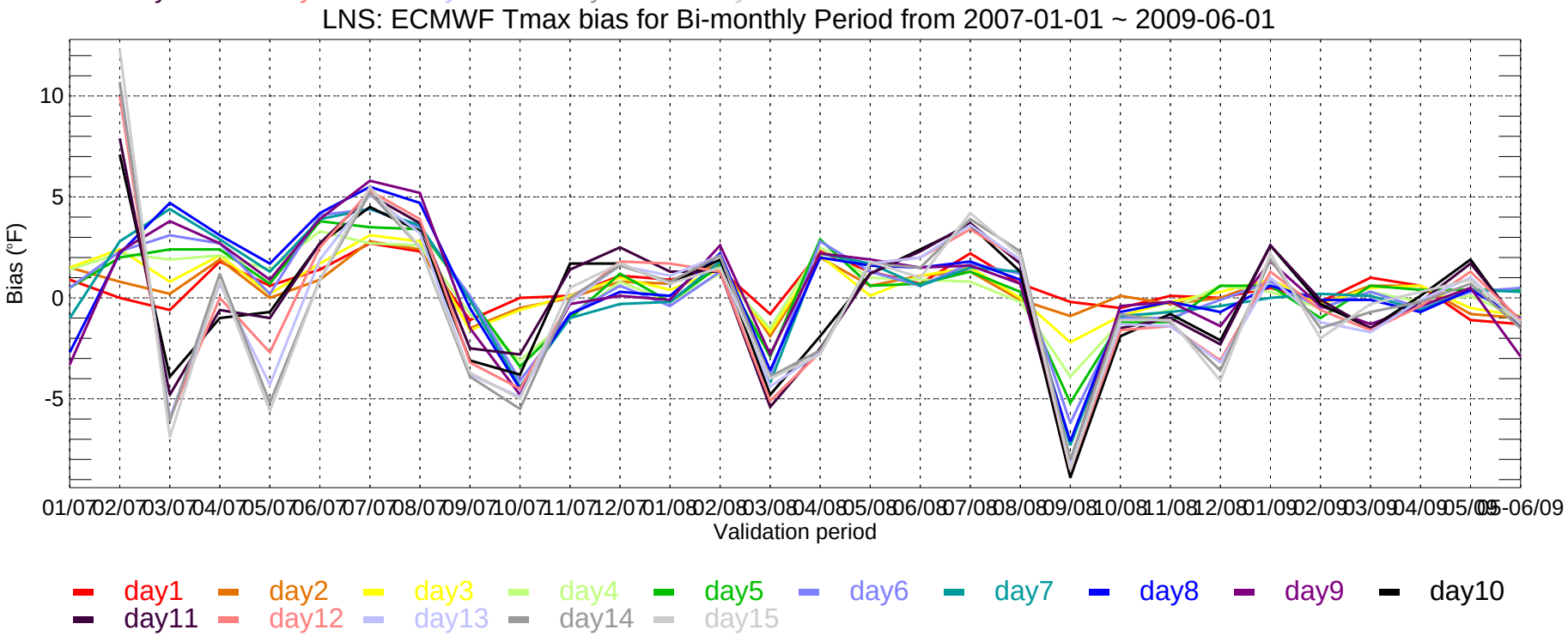

LIT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

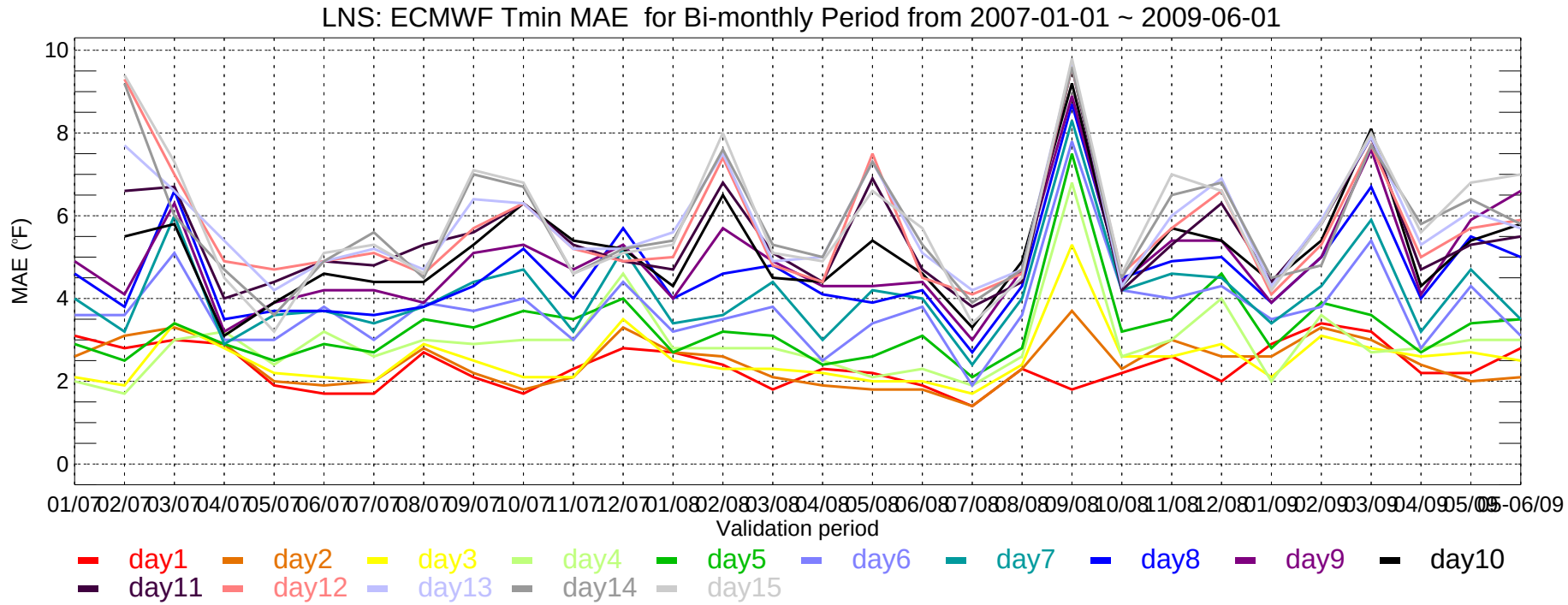

LIT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

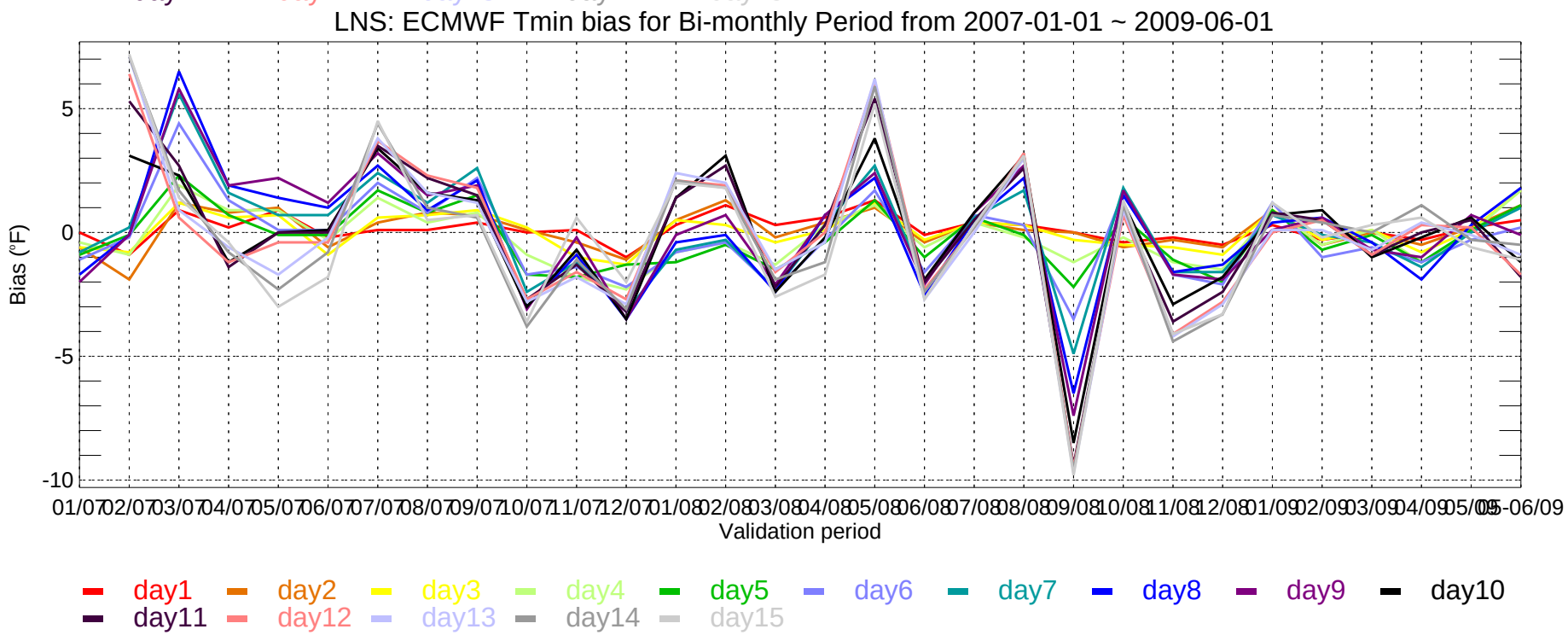

LIT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

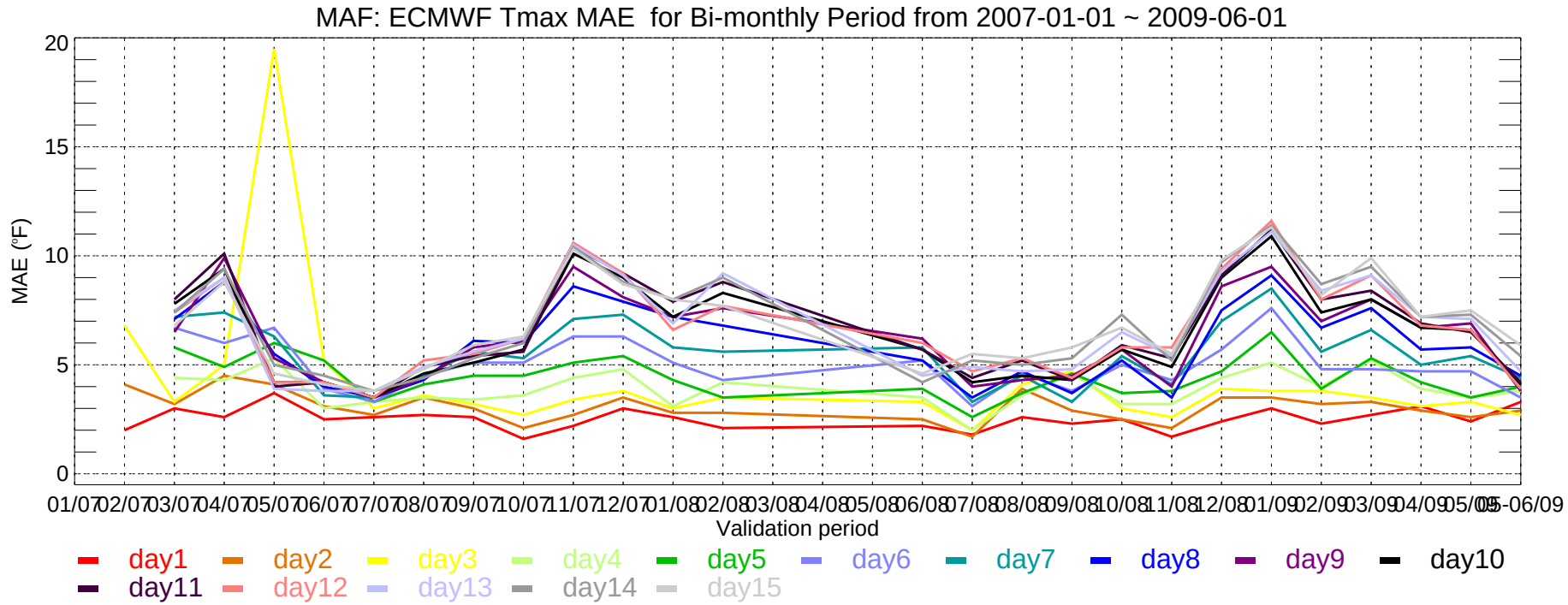

LIT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

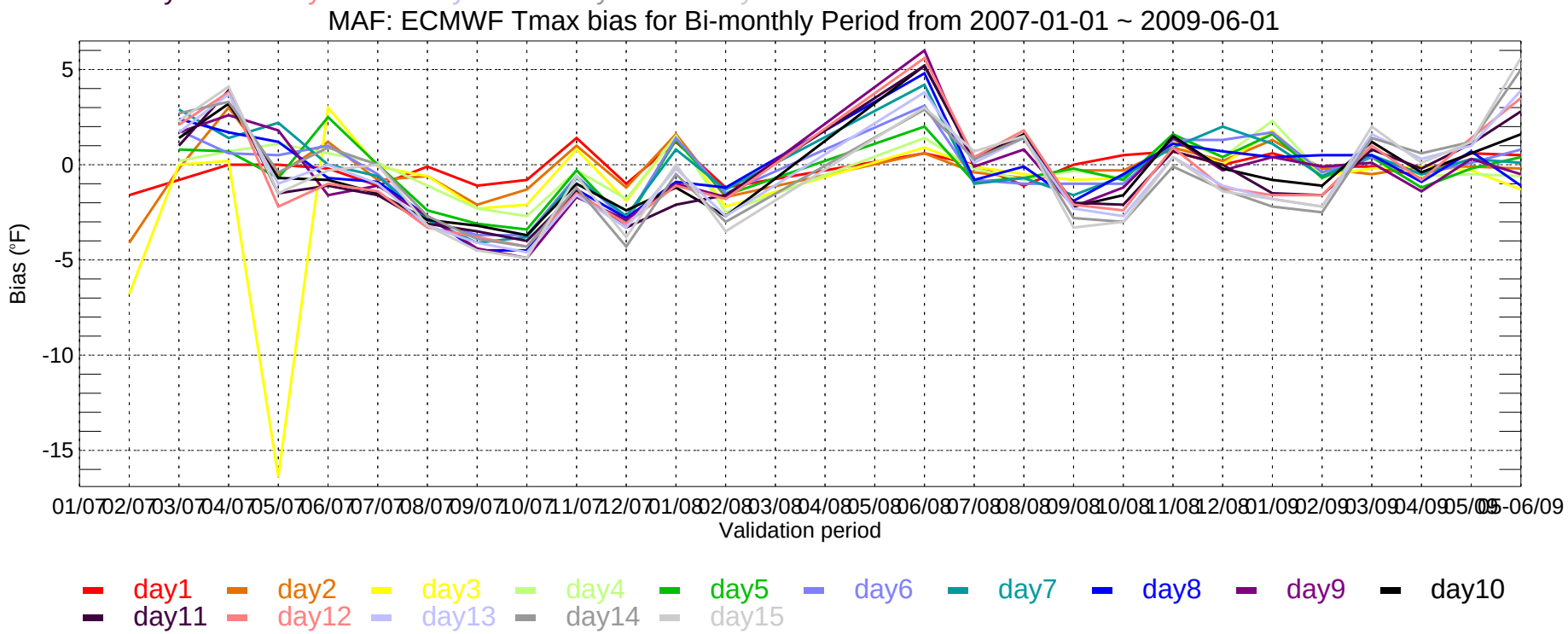

LNS: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

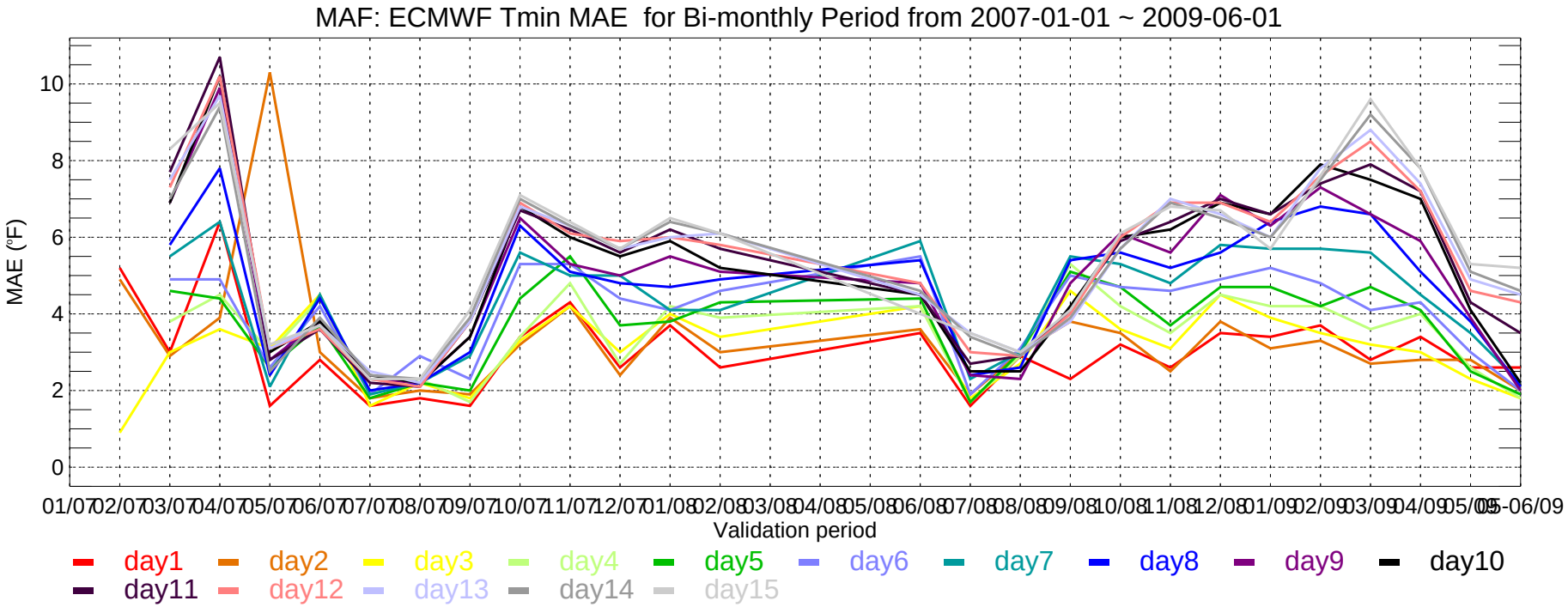

LNS: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

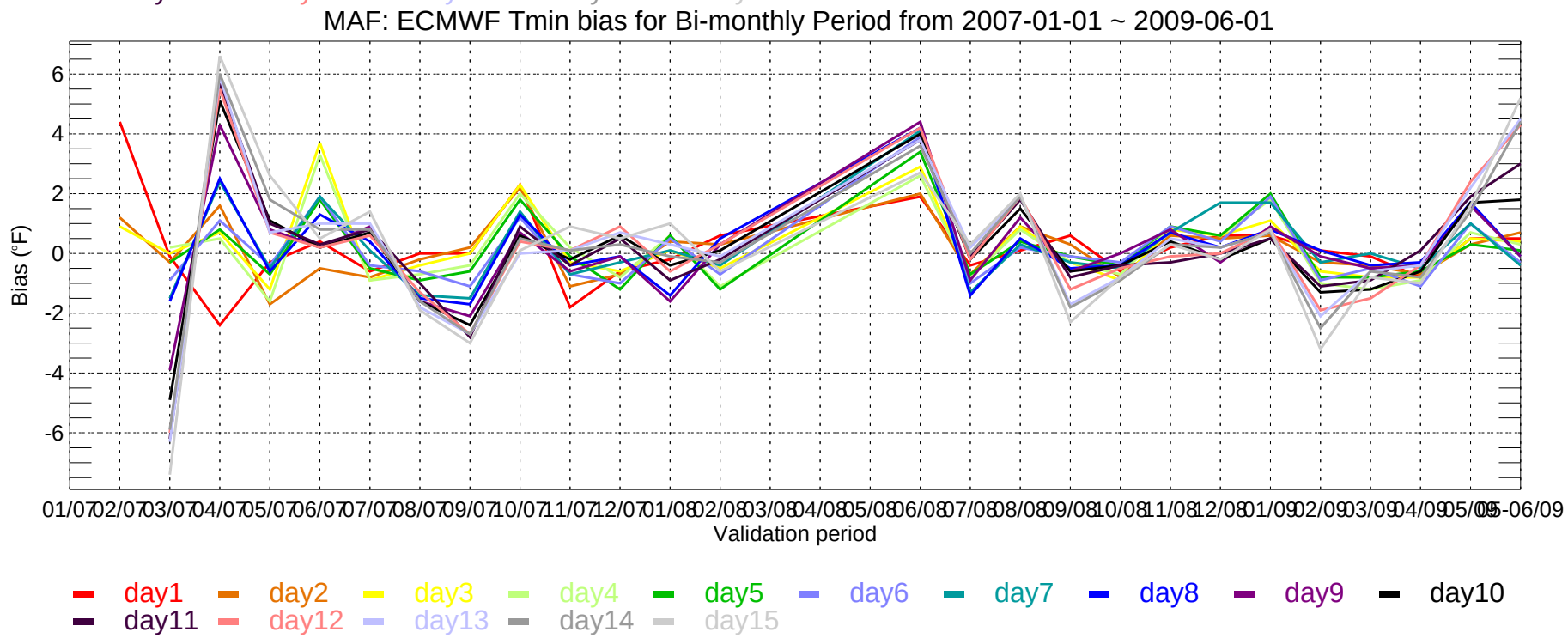

LNS: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

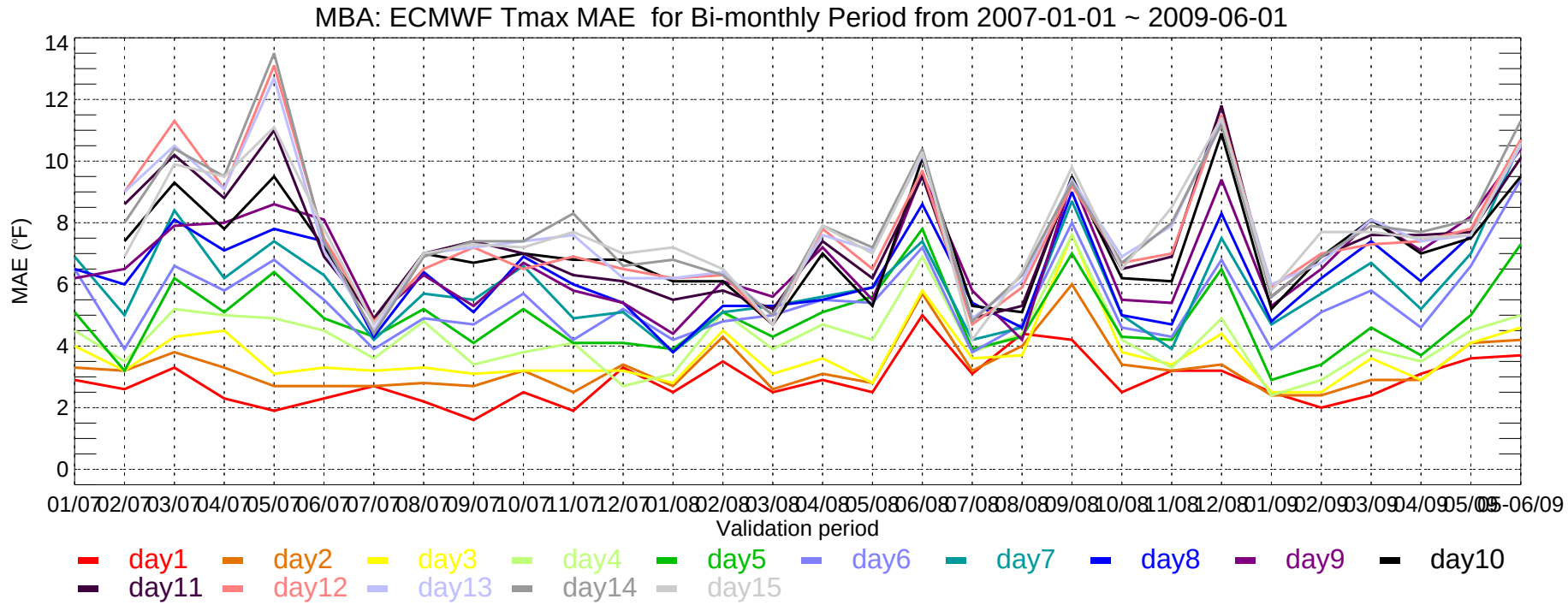

LNS: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

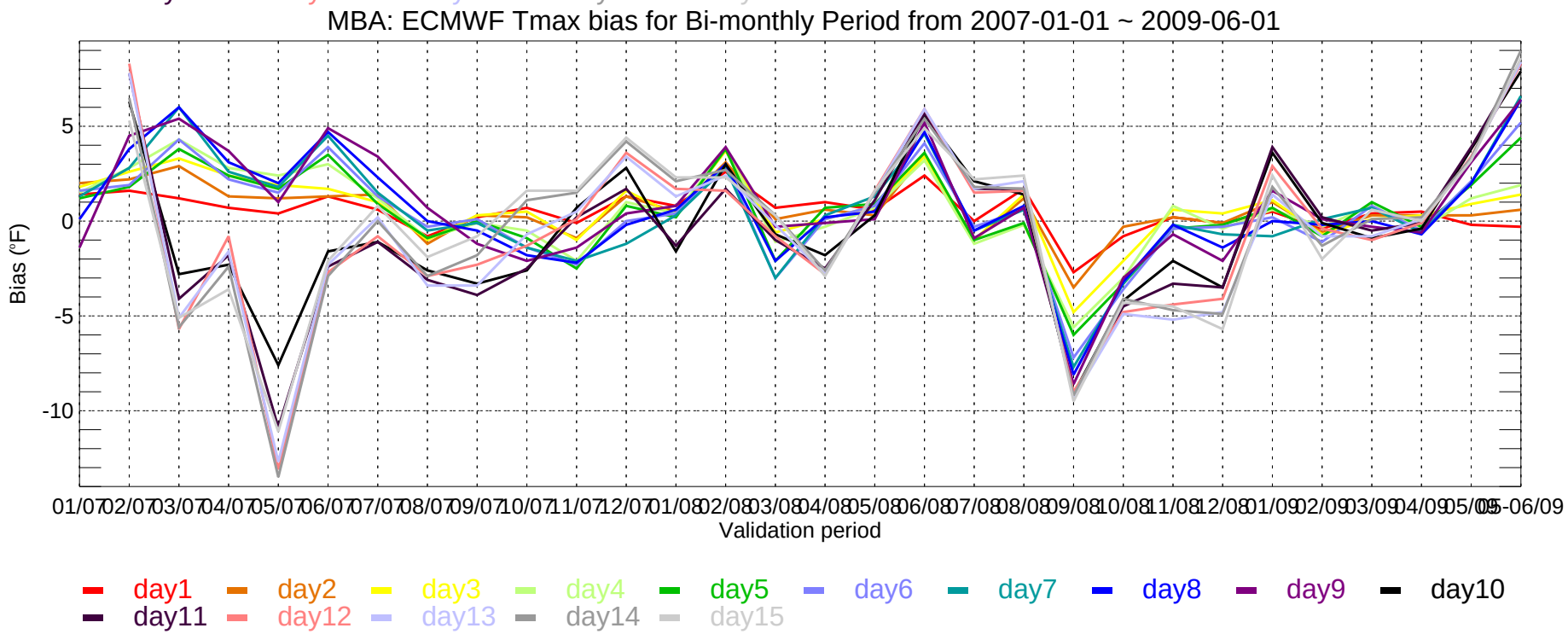

MAF: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

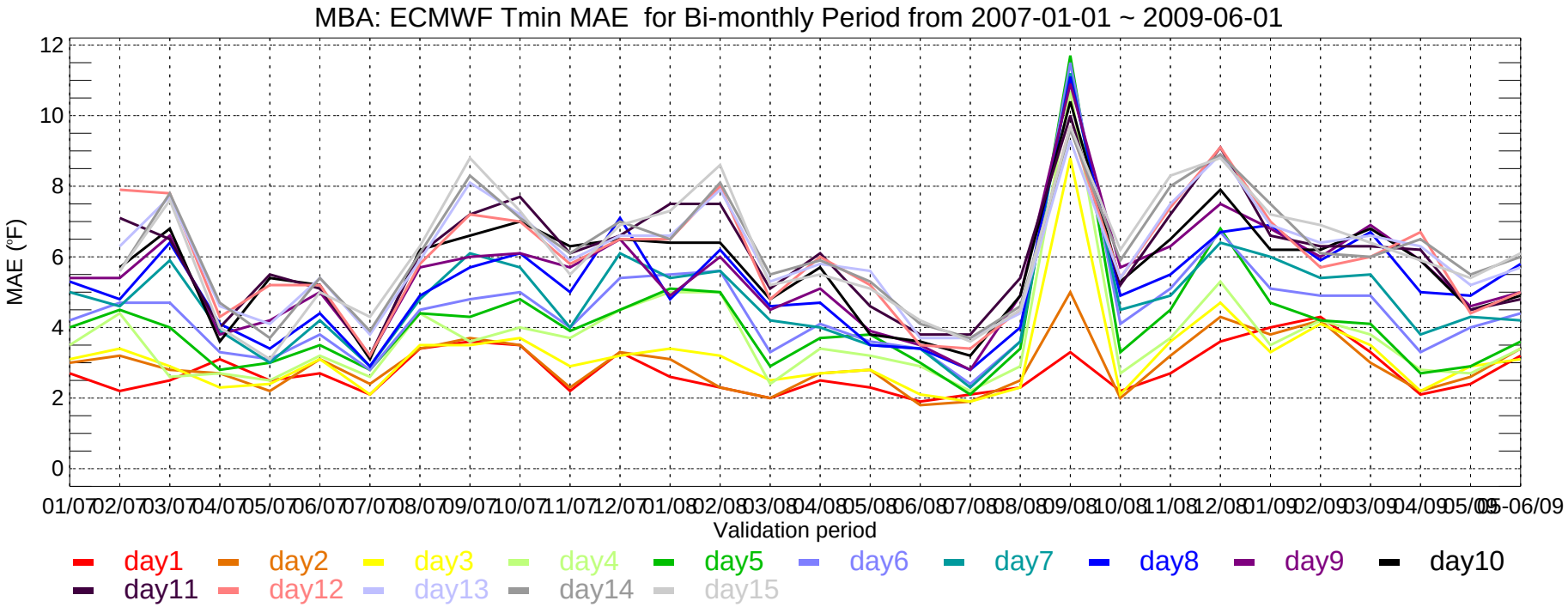

MAF: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

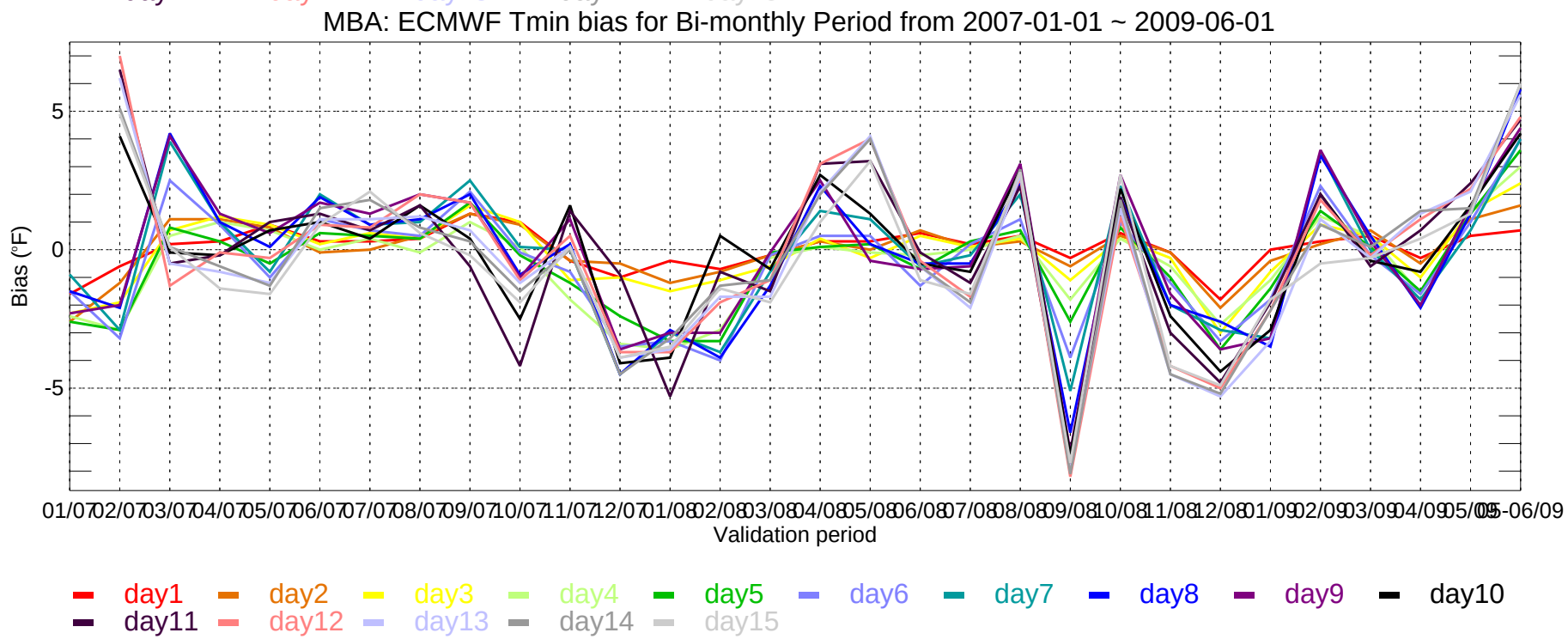

MAF: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

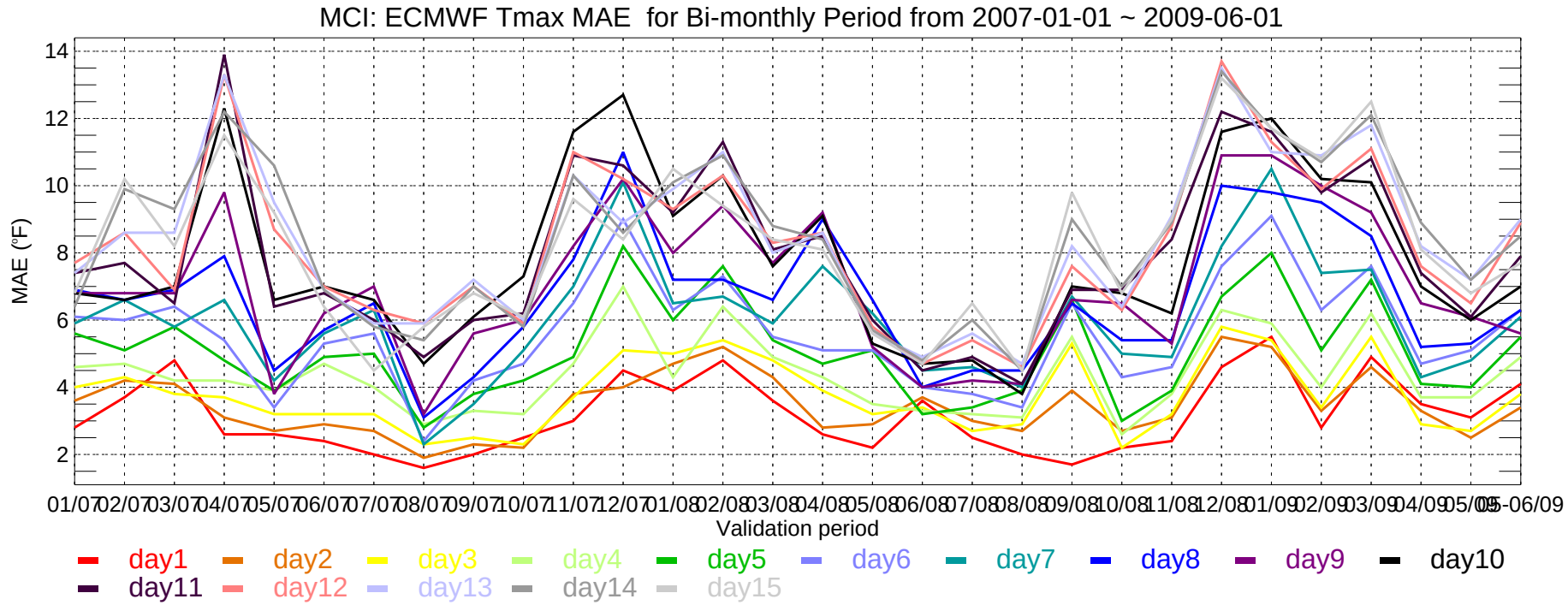

MAF: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

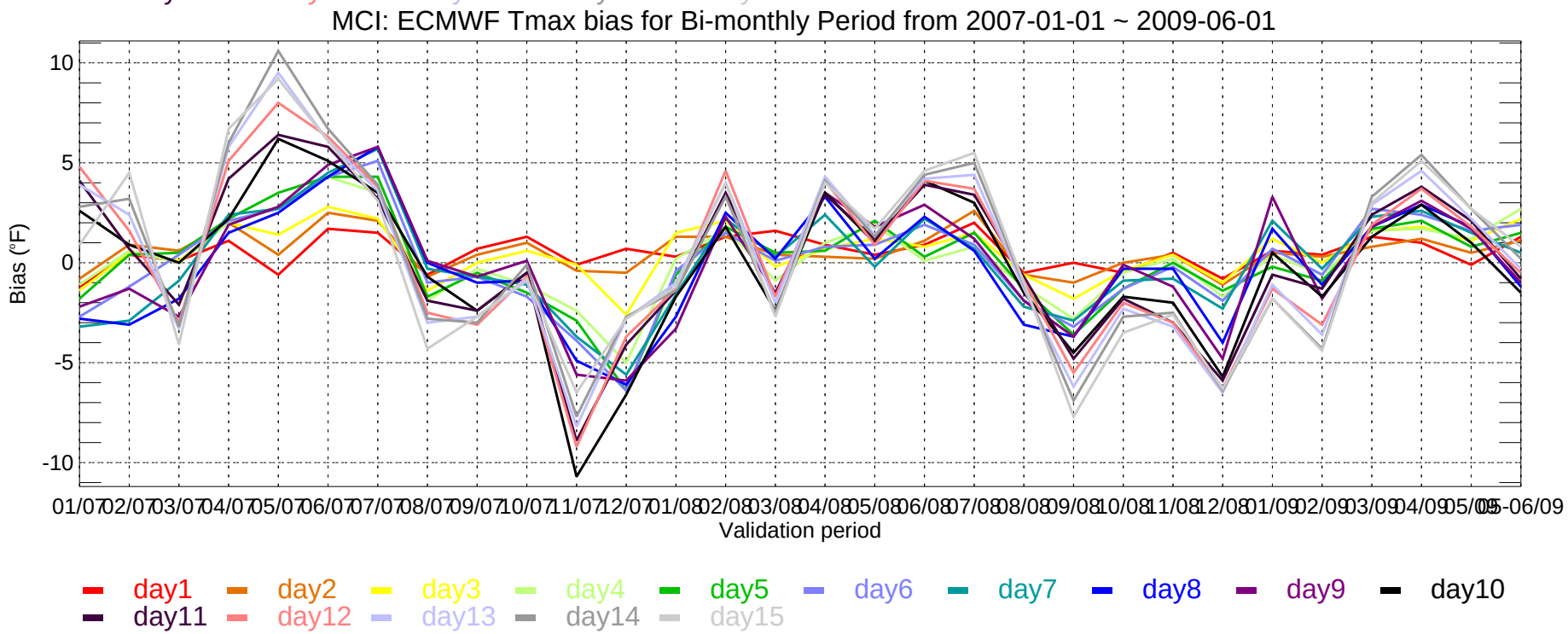

MBA: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

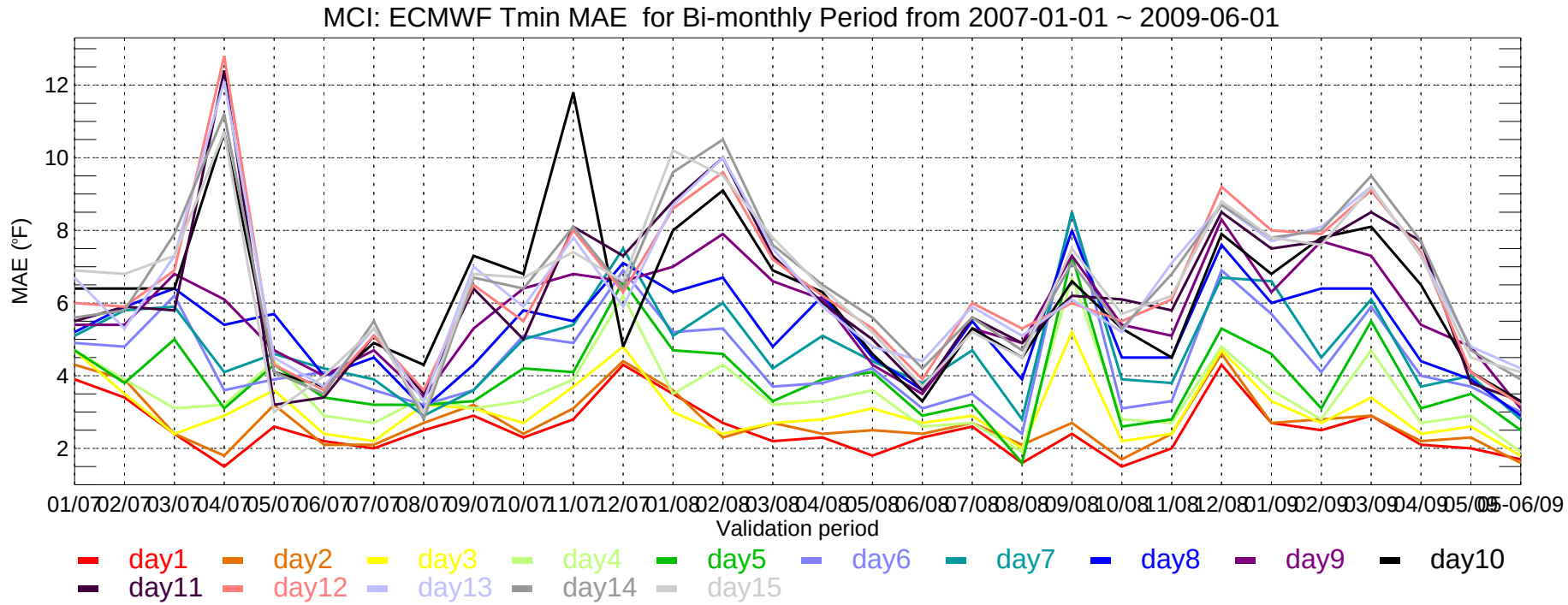

MBA: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

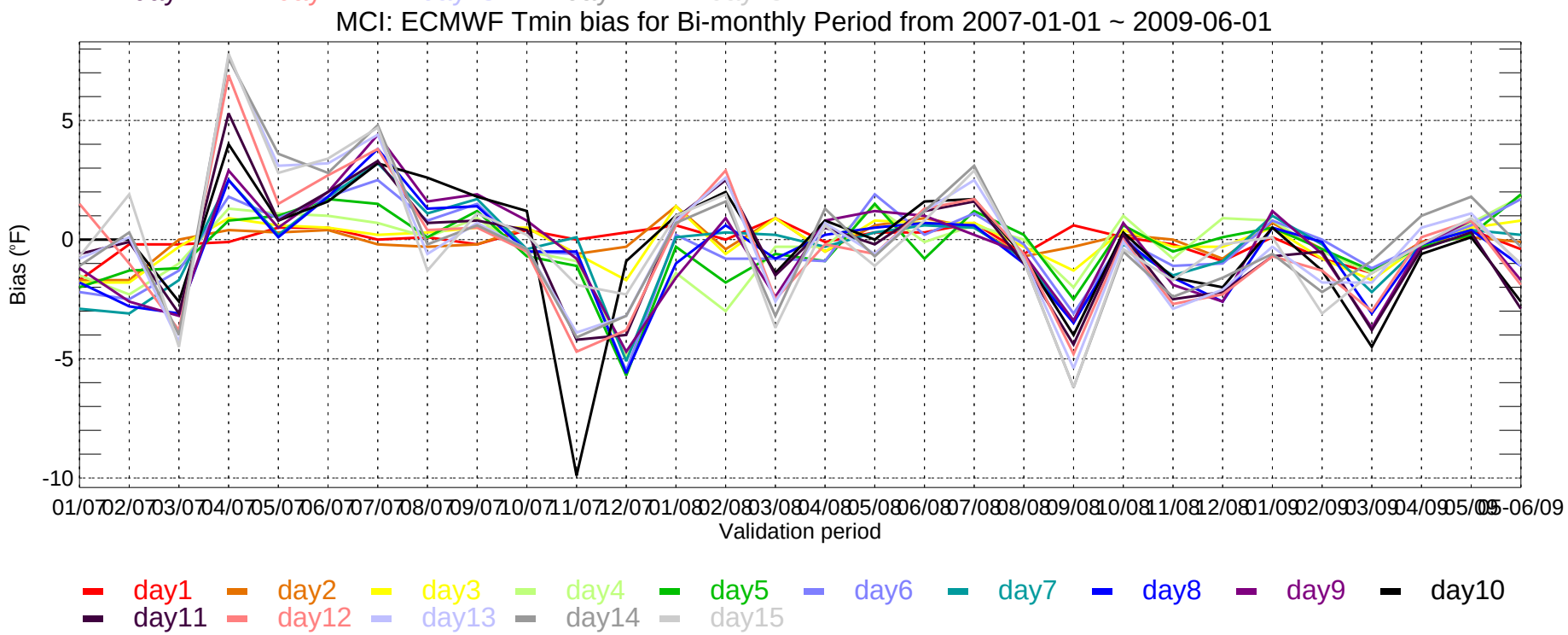

MBA: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

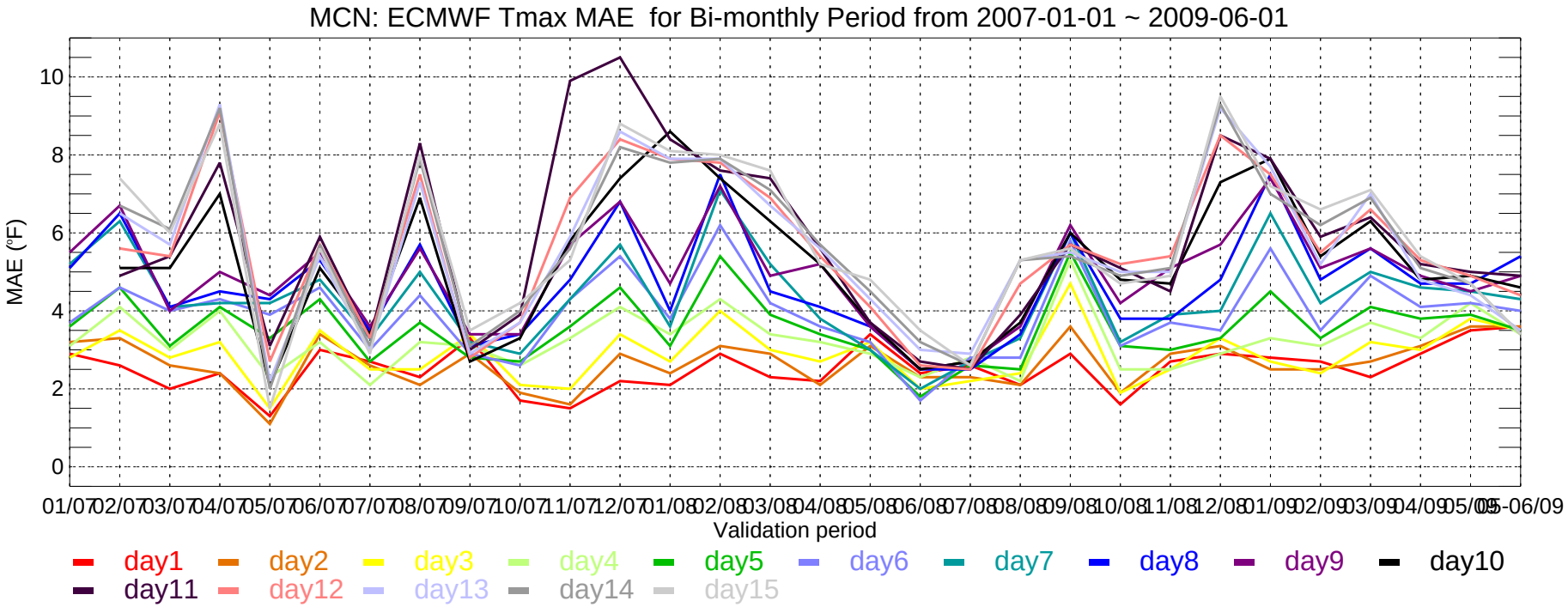

MBA: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

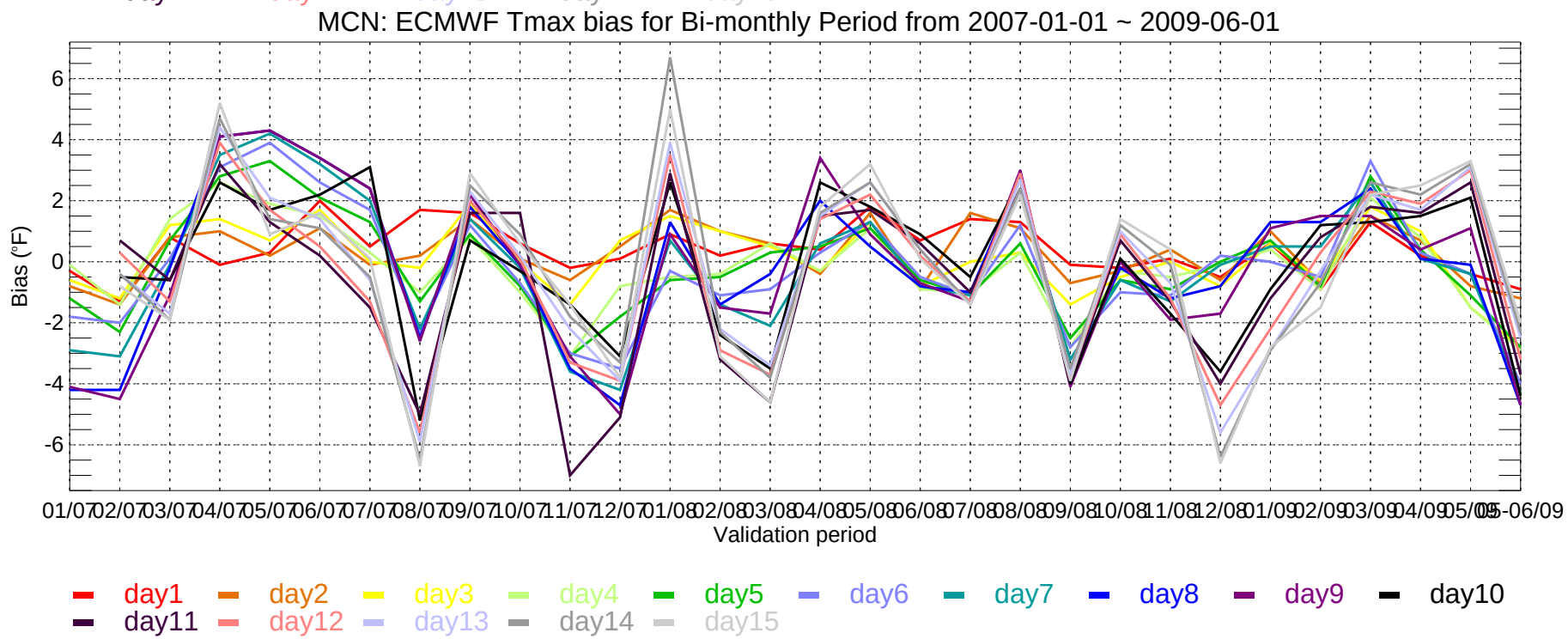

MCI: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
14
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

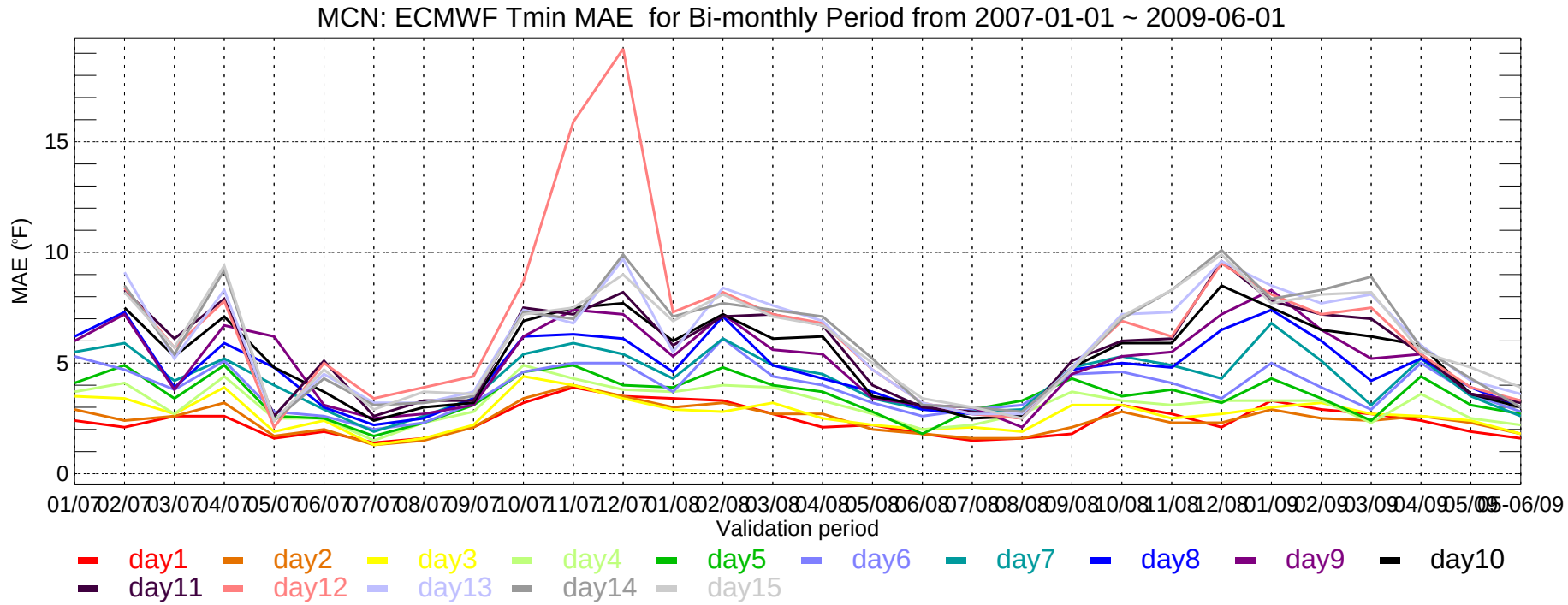

MCI: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

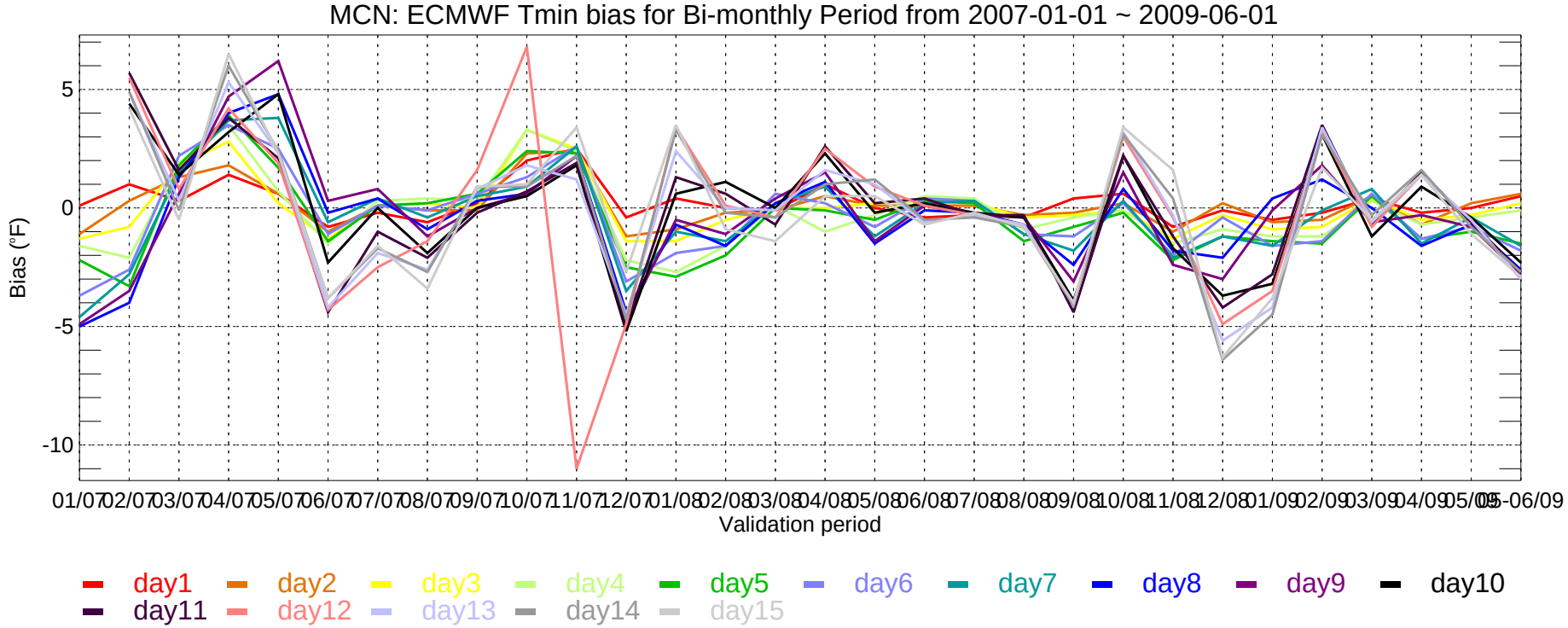

MCI: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

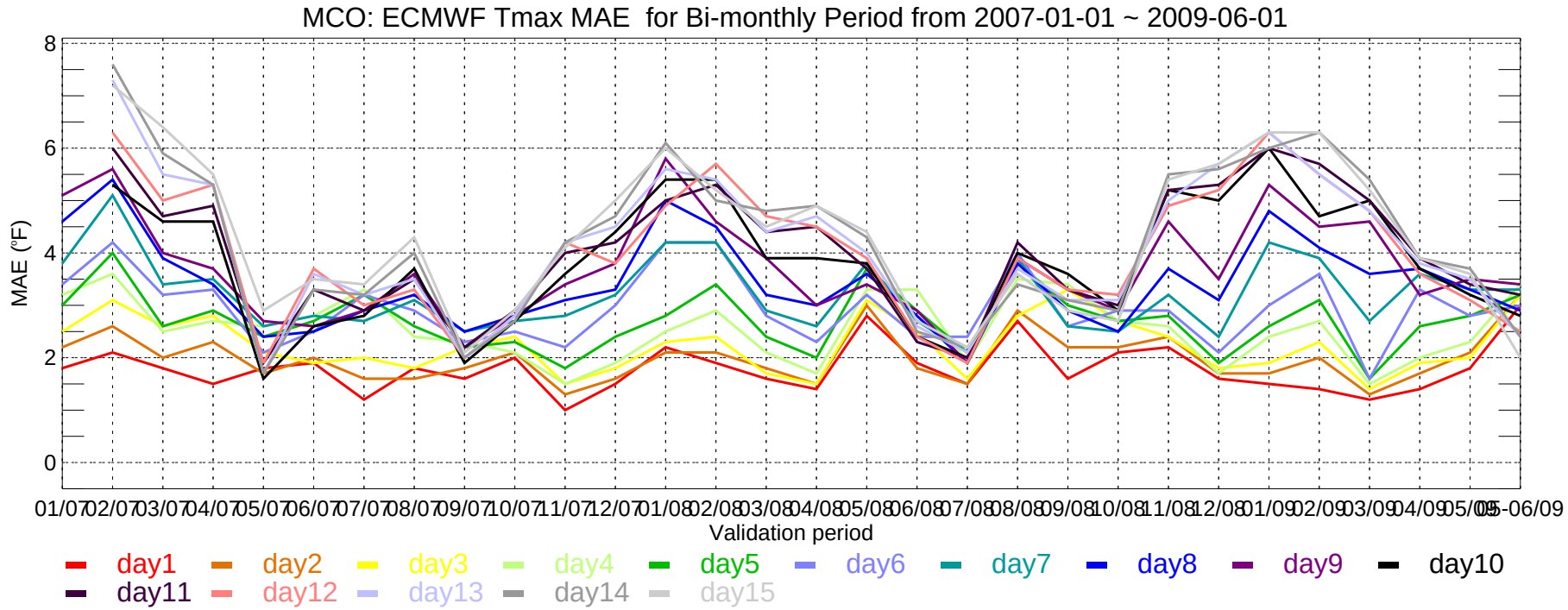

MCI: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

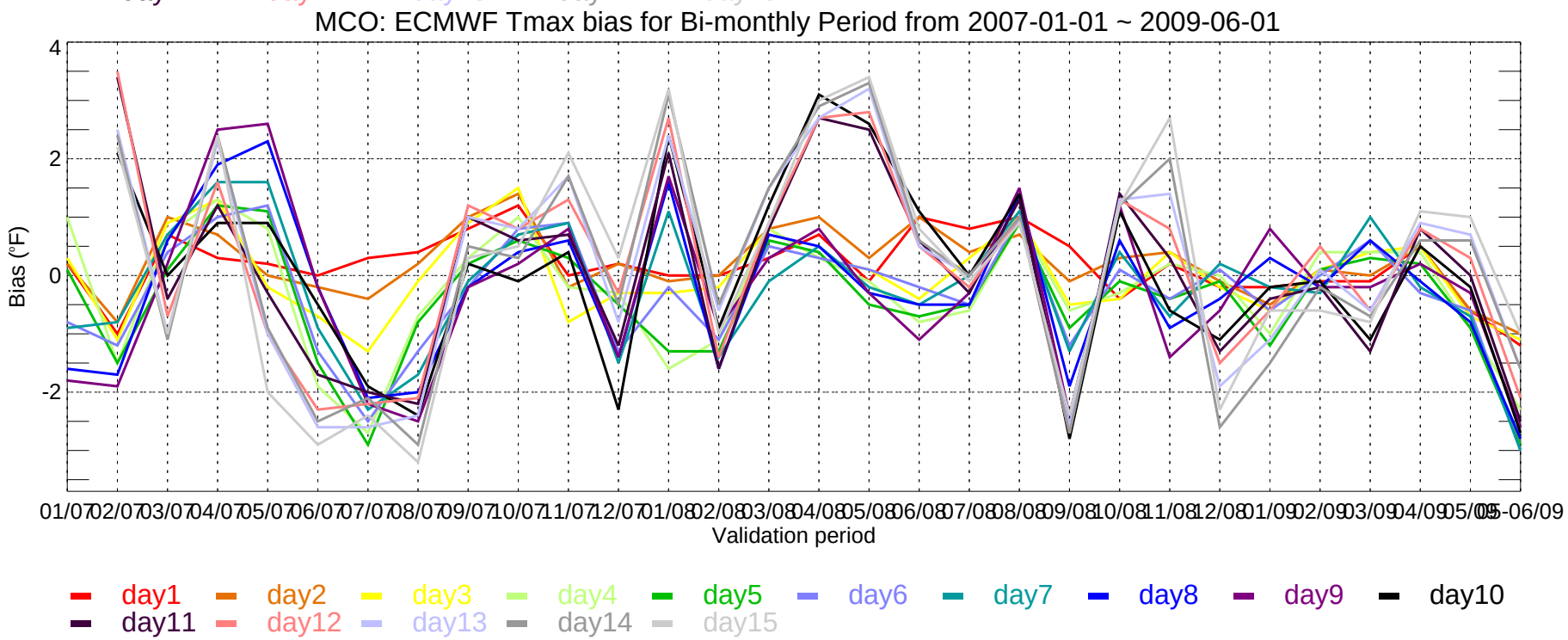

MCN: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
day1 day2 day3 day4 day5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

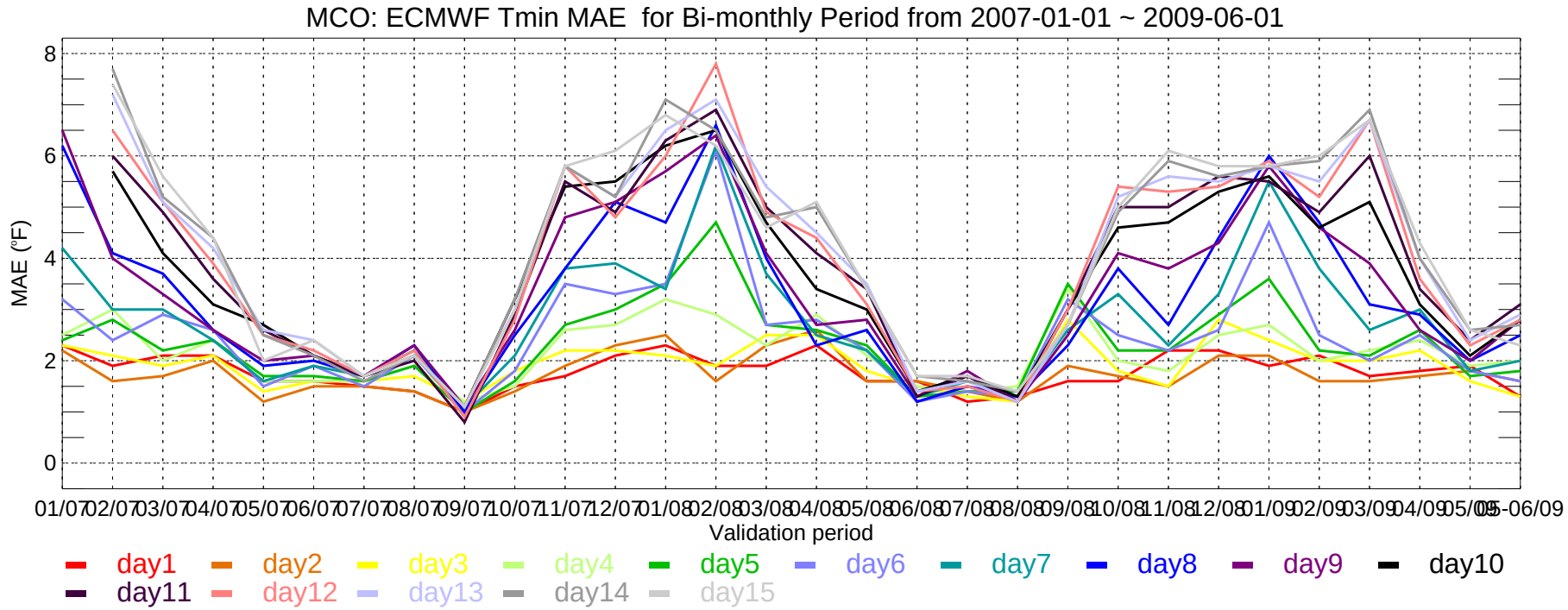

MCN: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
day1 day2 day3 day4 day5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

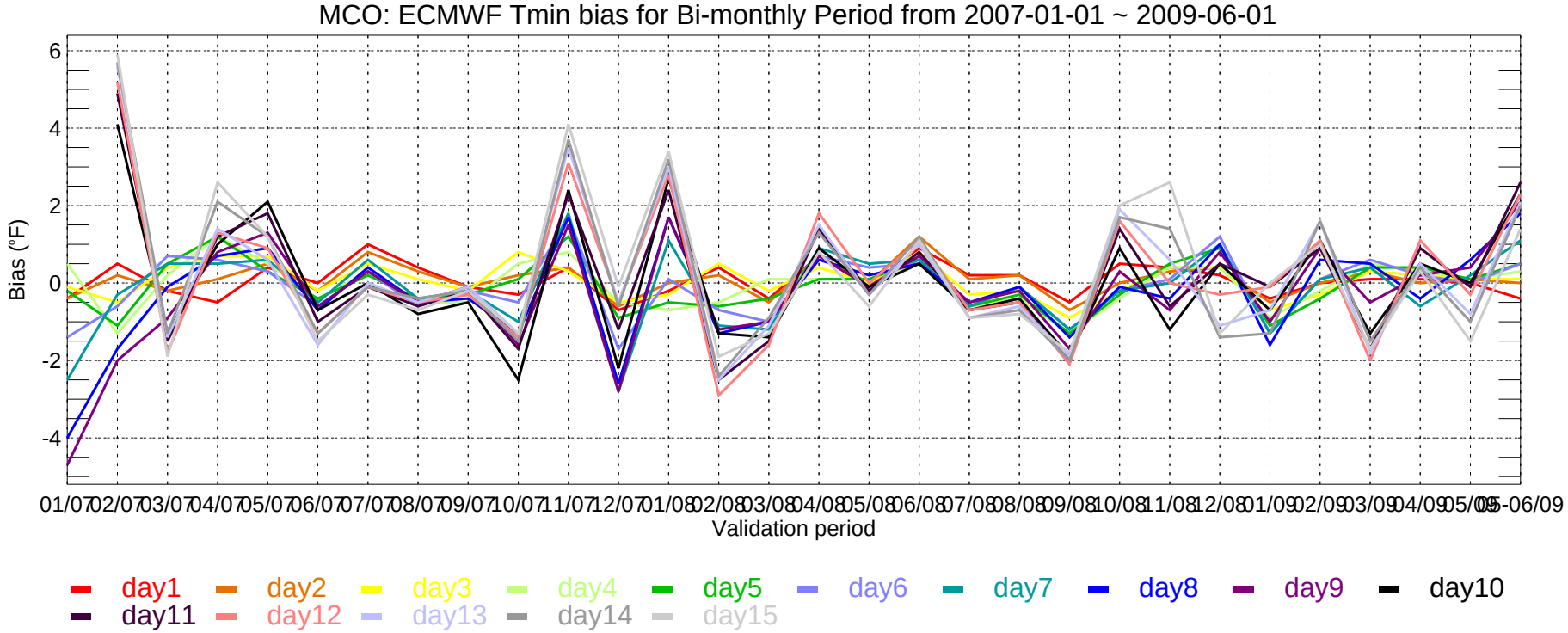

MCN: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

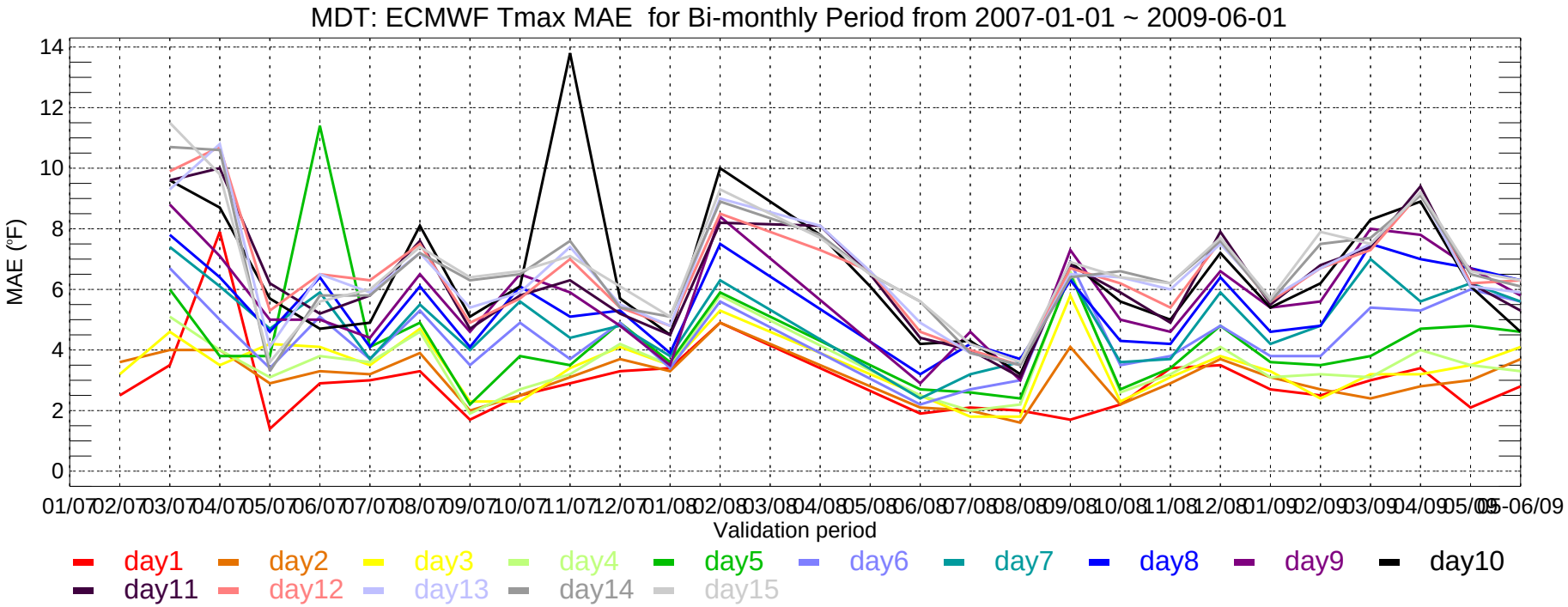

MCN: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

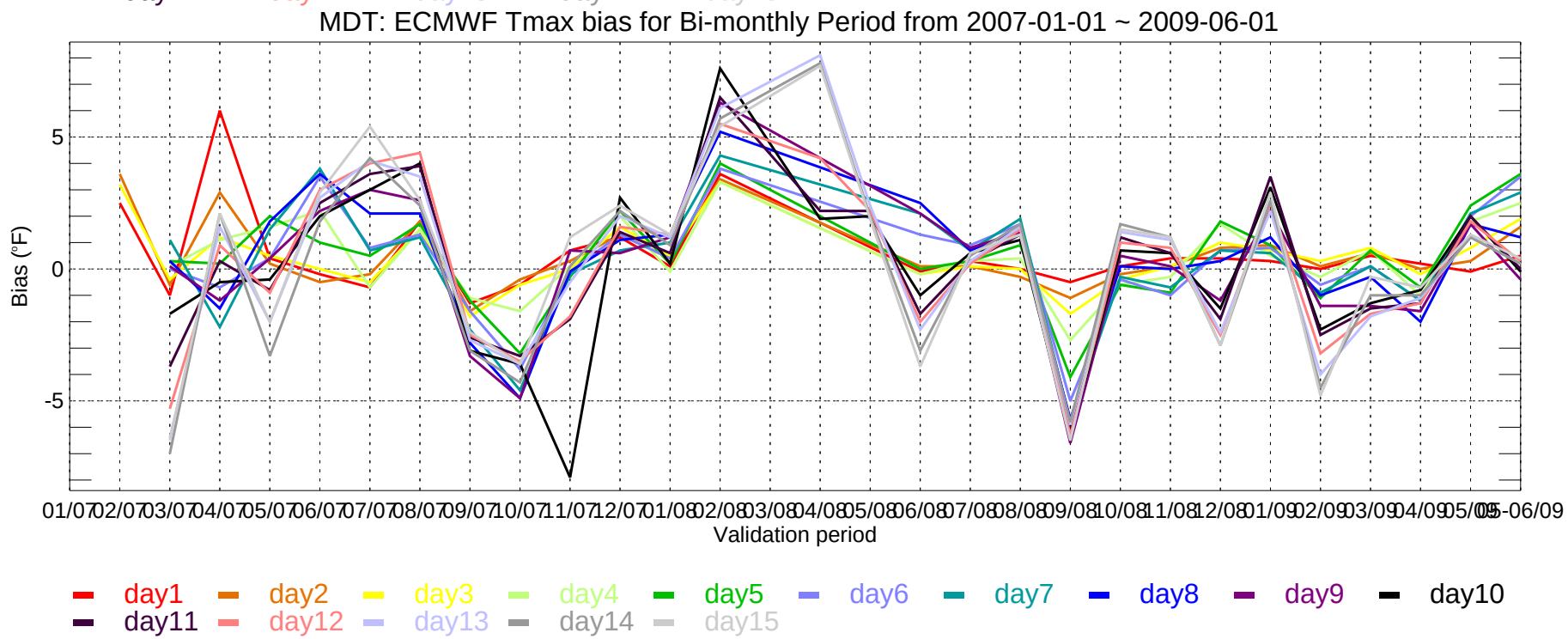

MCO: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

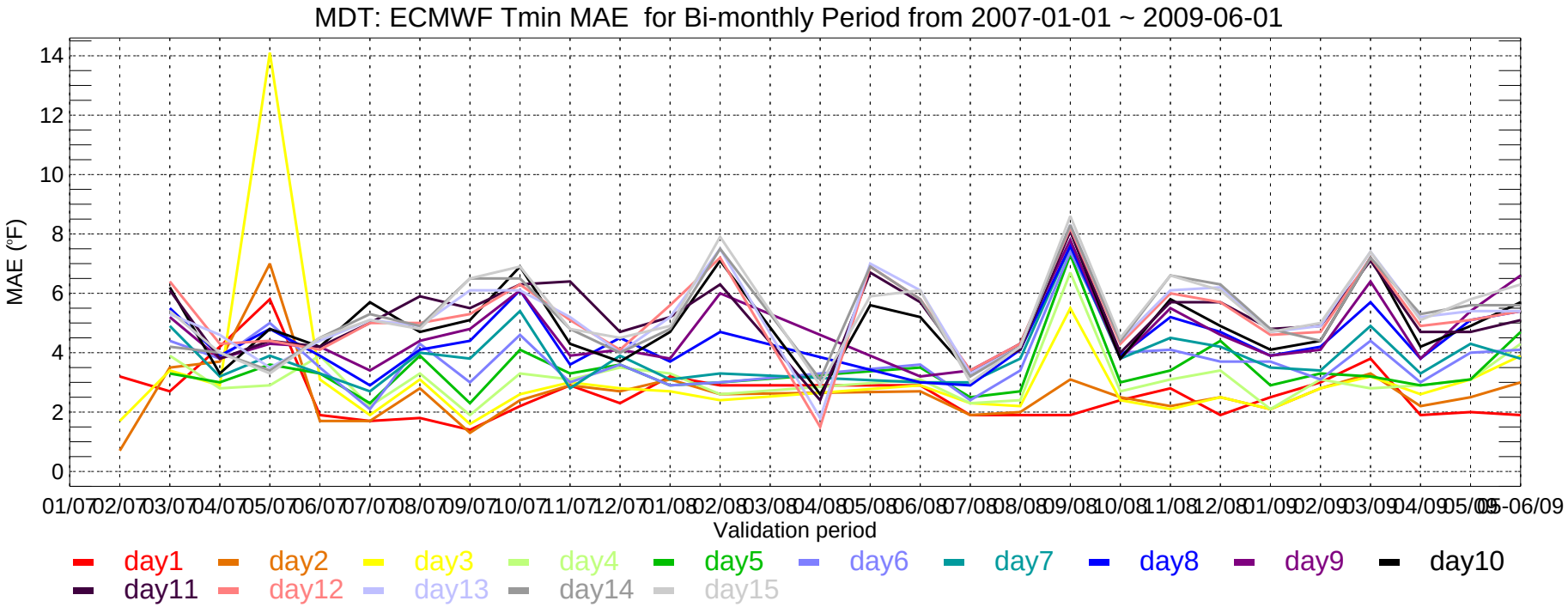

MCO: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

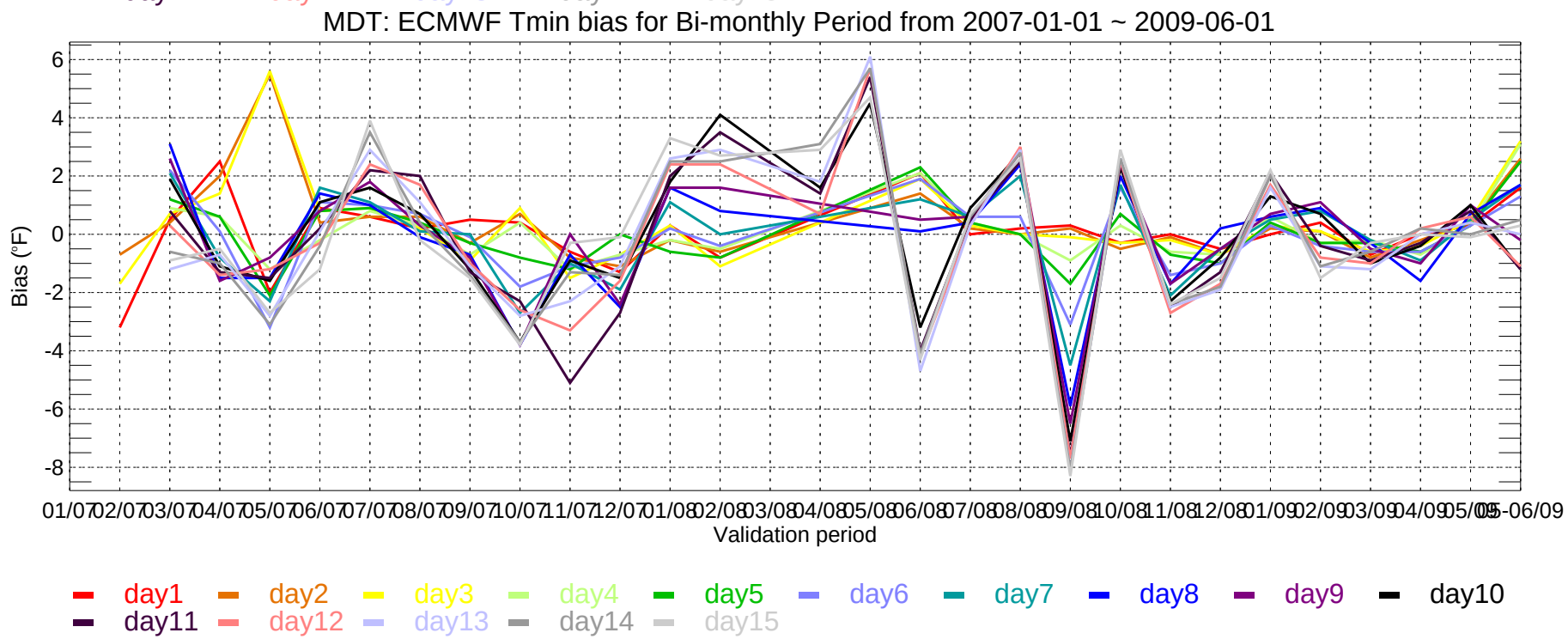

MCO: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

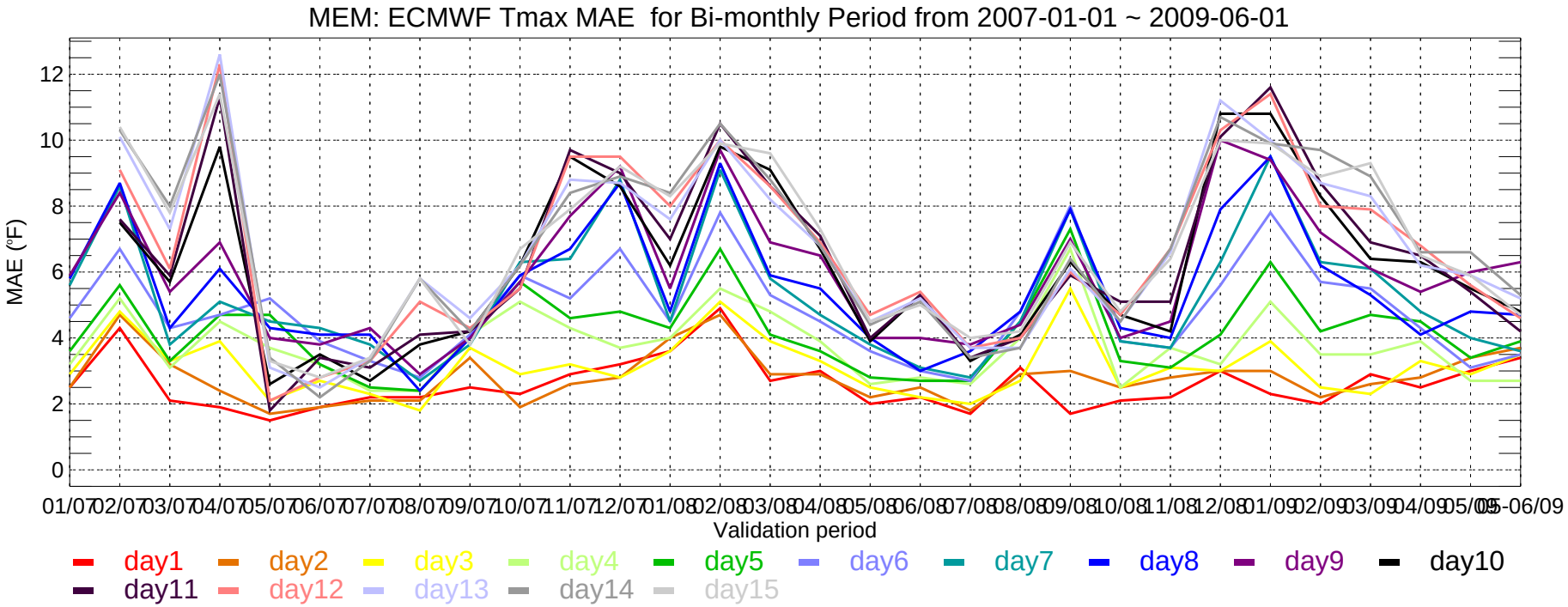

MCO: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

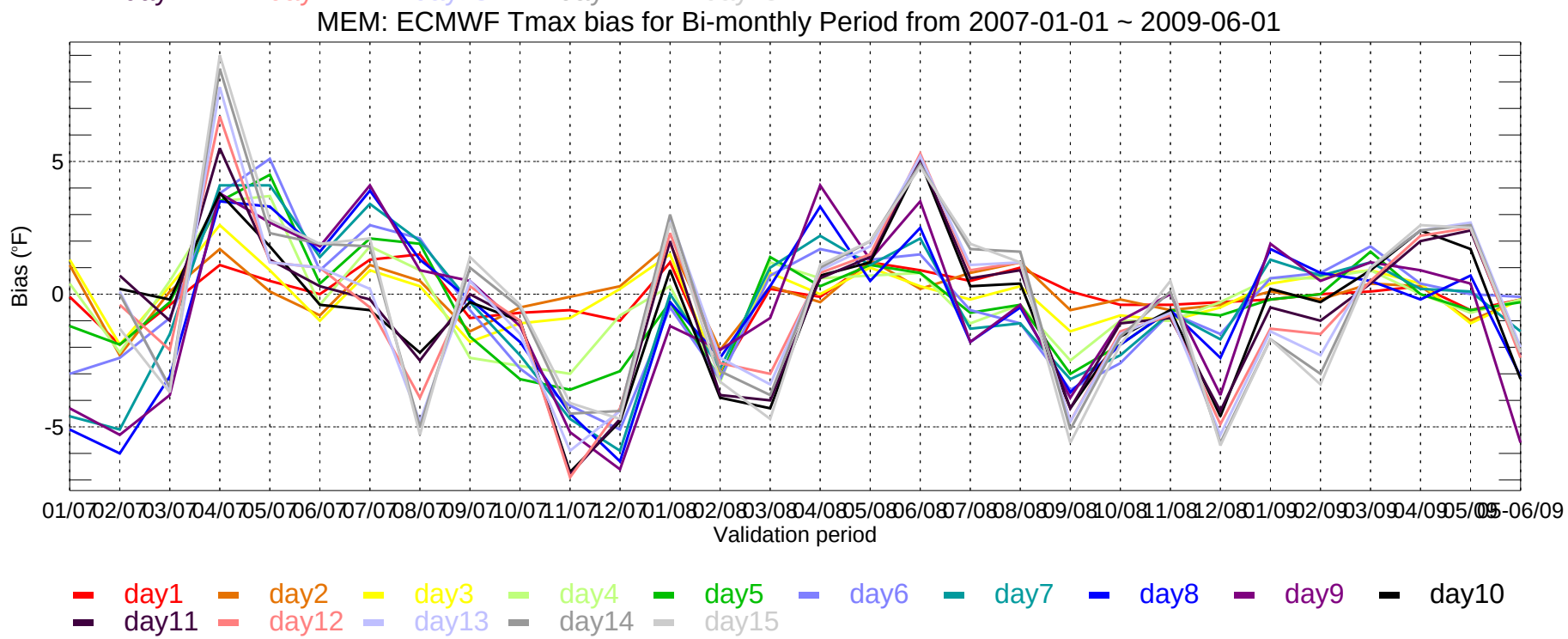

MDT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

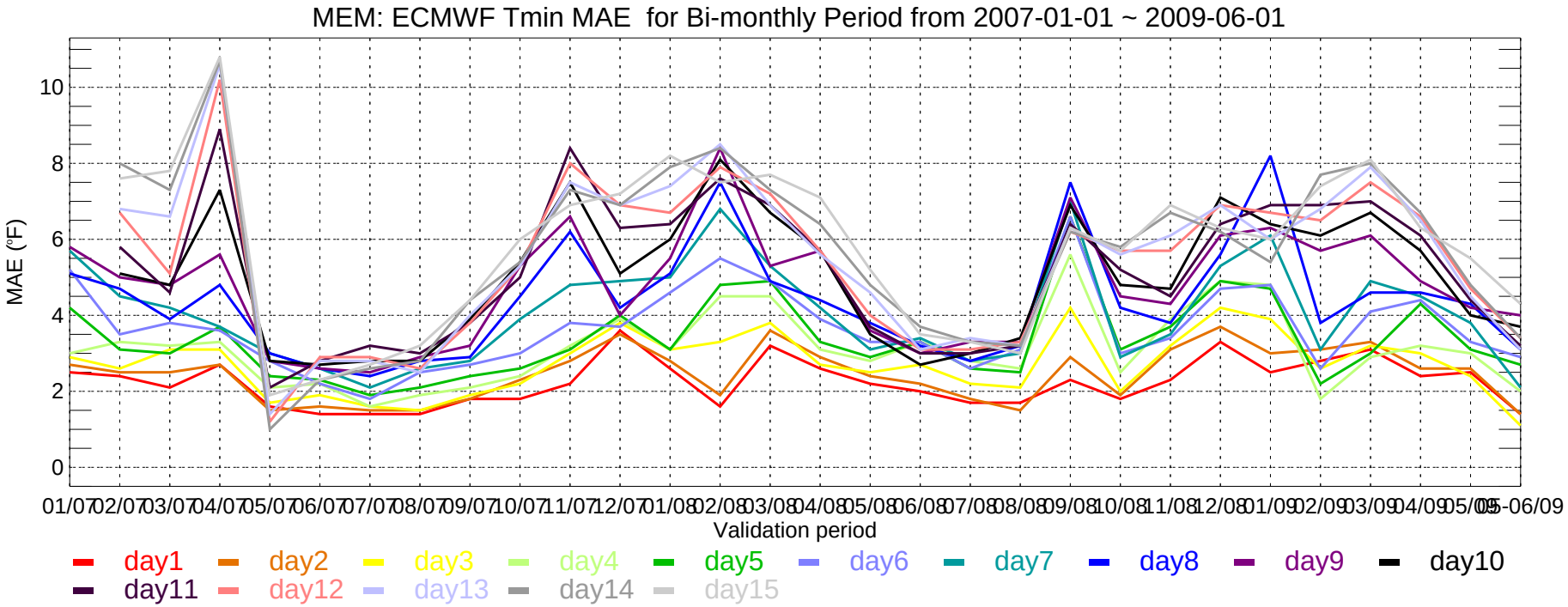

MDT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

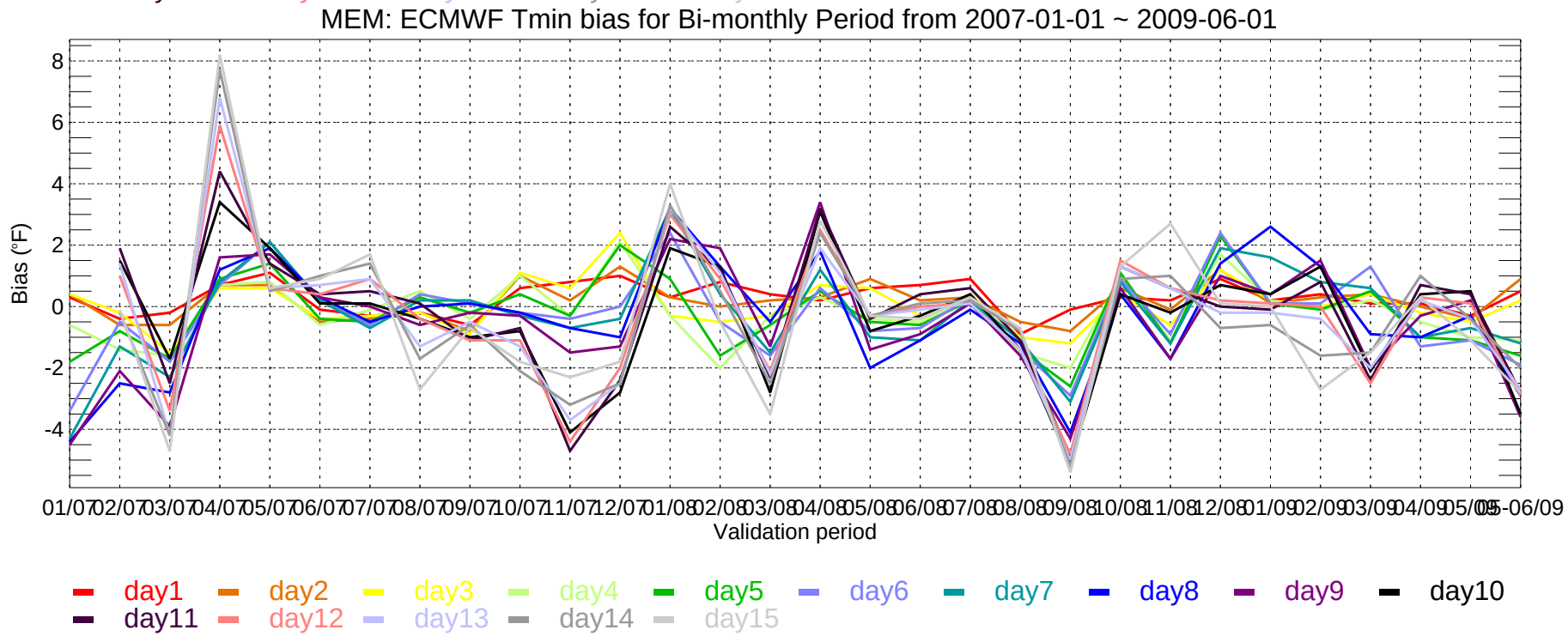

MDT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

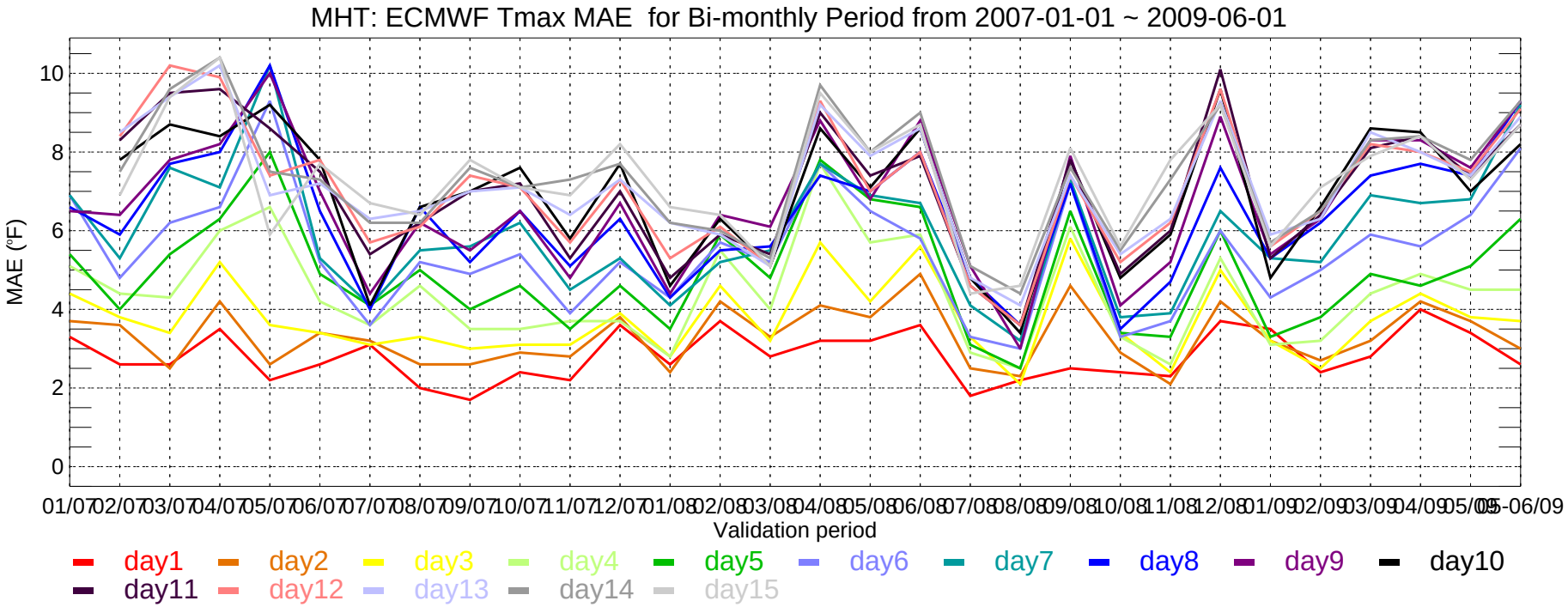

MDT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

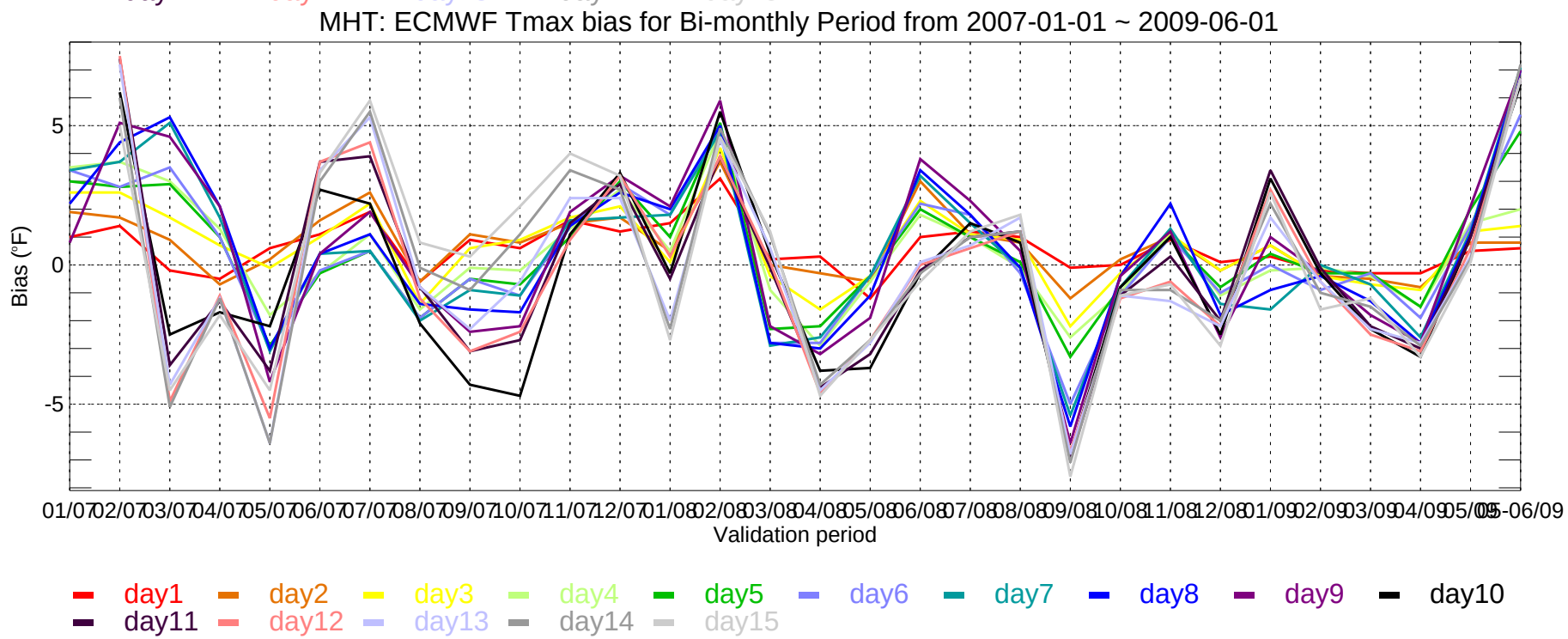

MEM: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

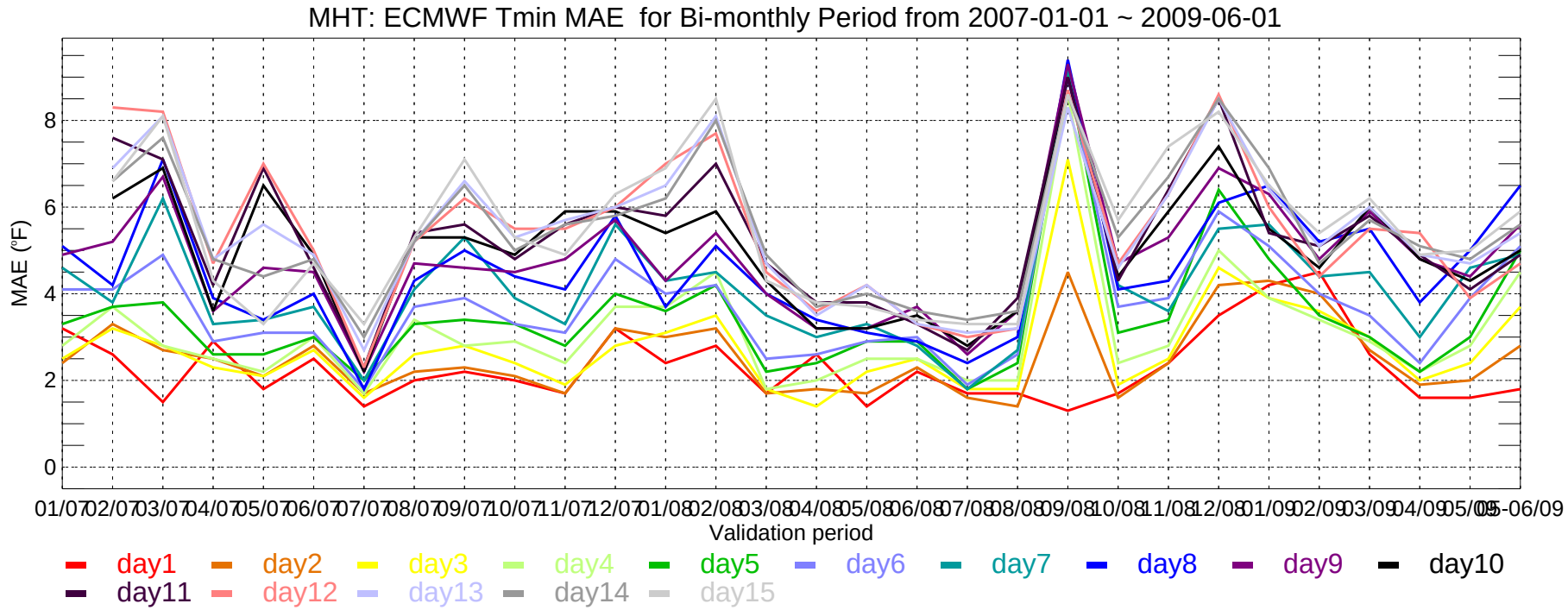

MEM: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

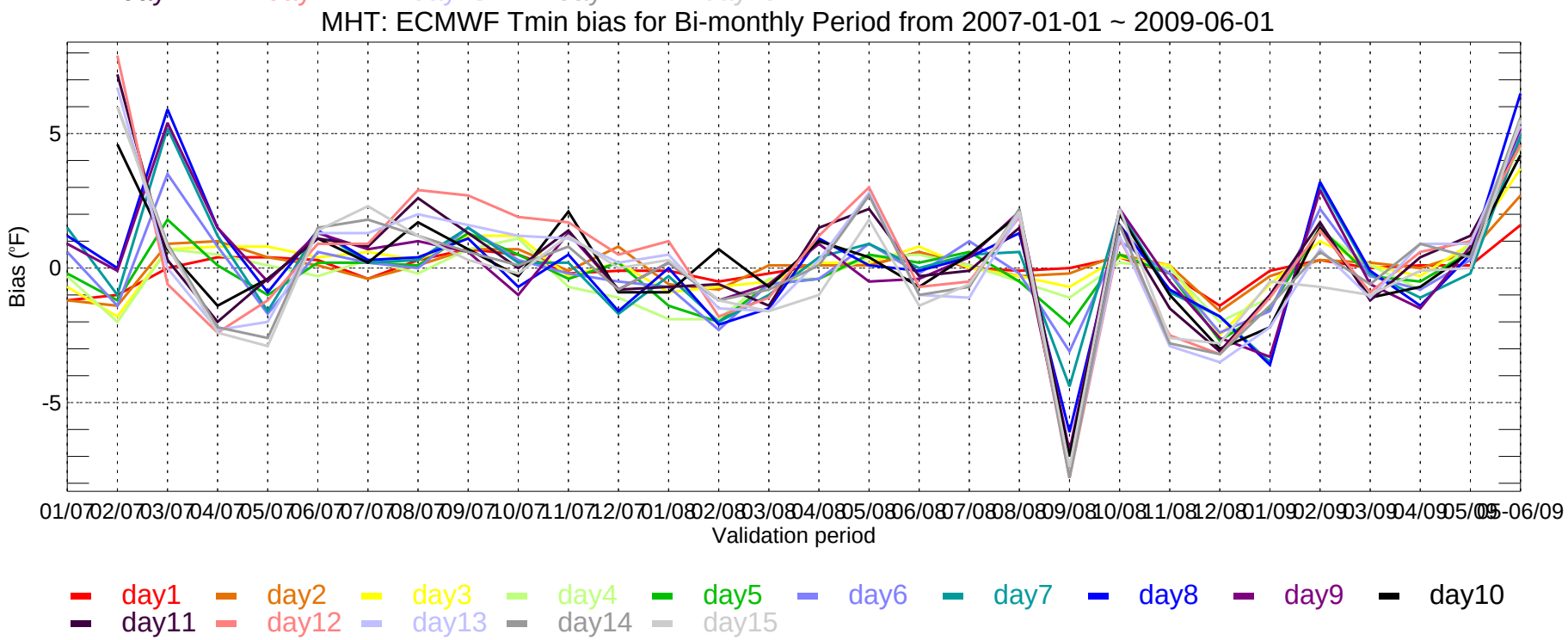

MEM: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

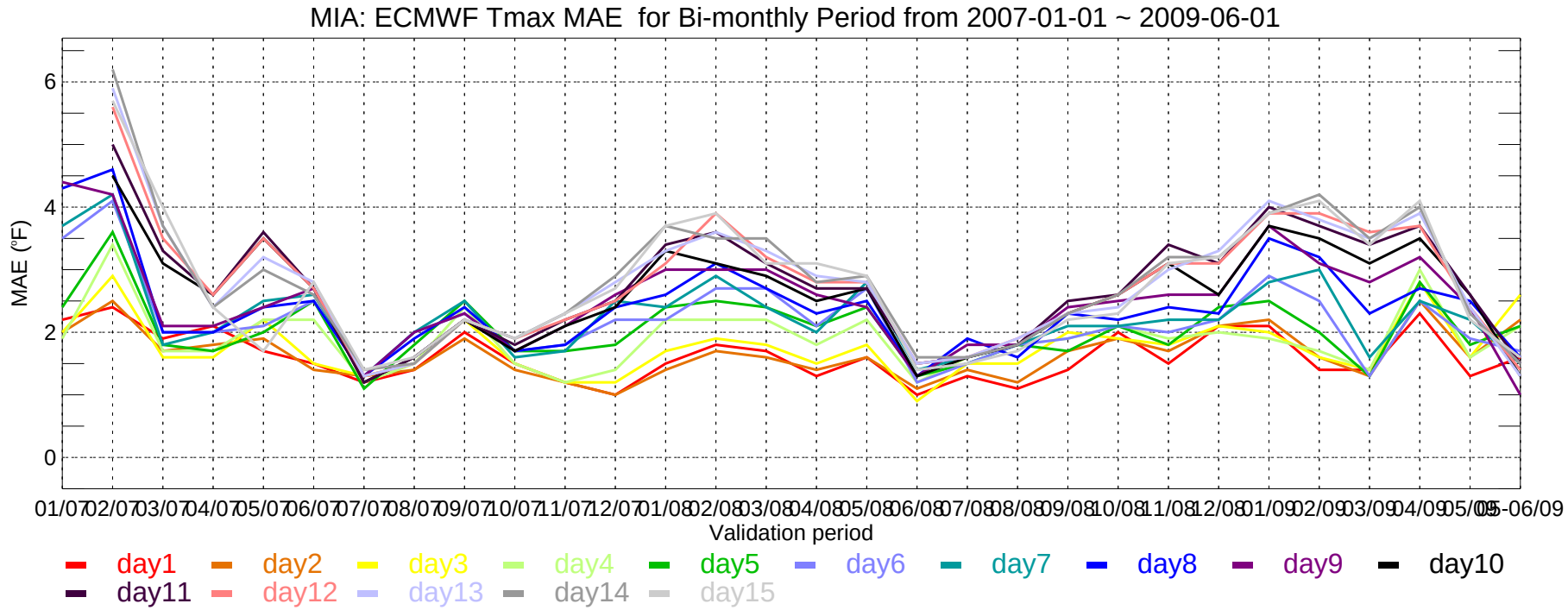

MEM: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

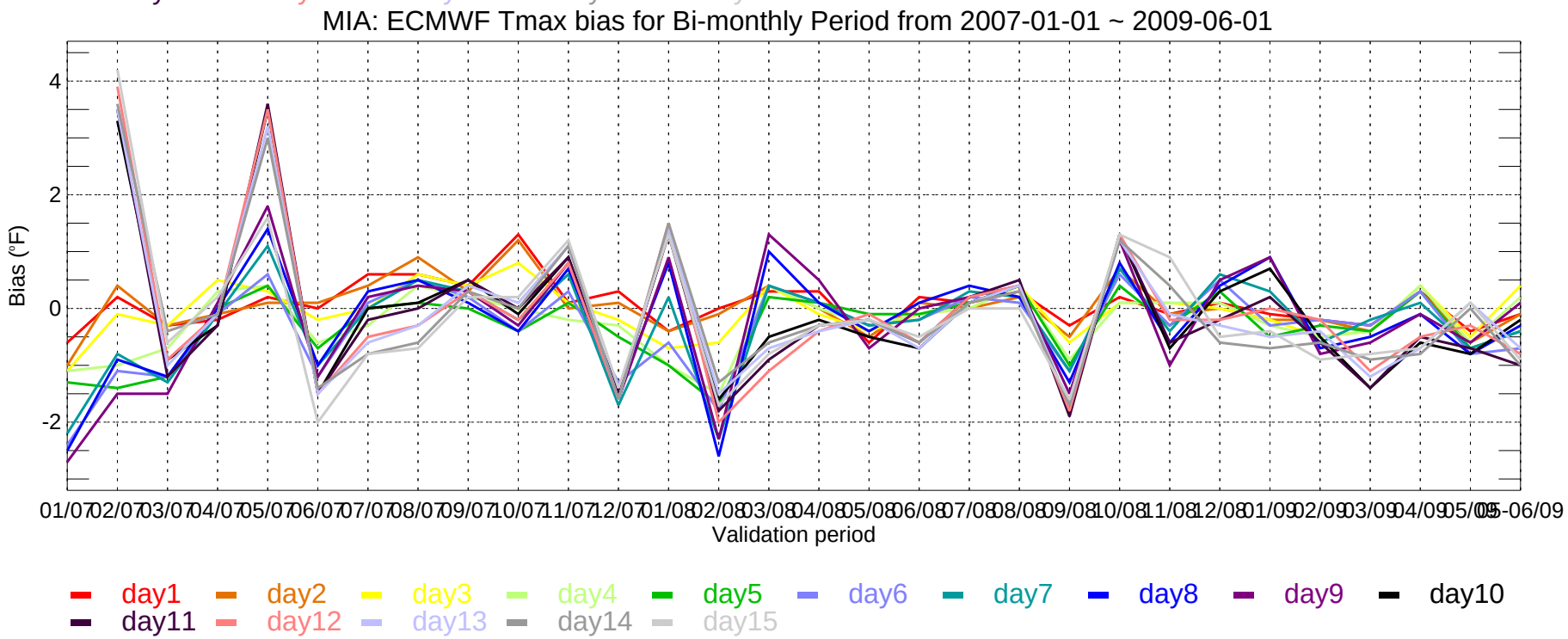

MHT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

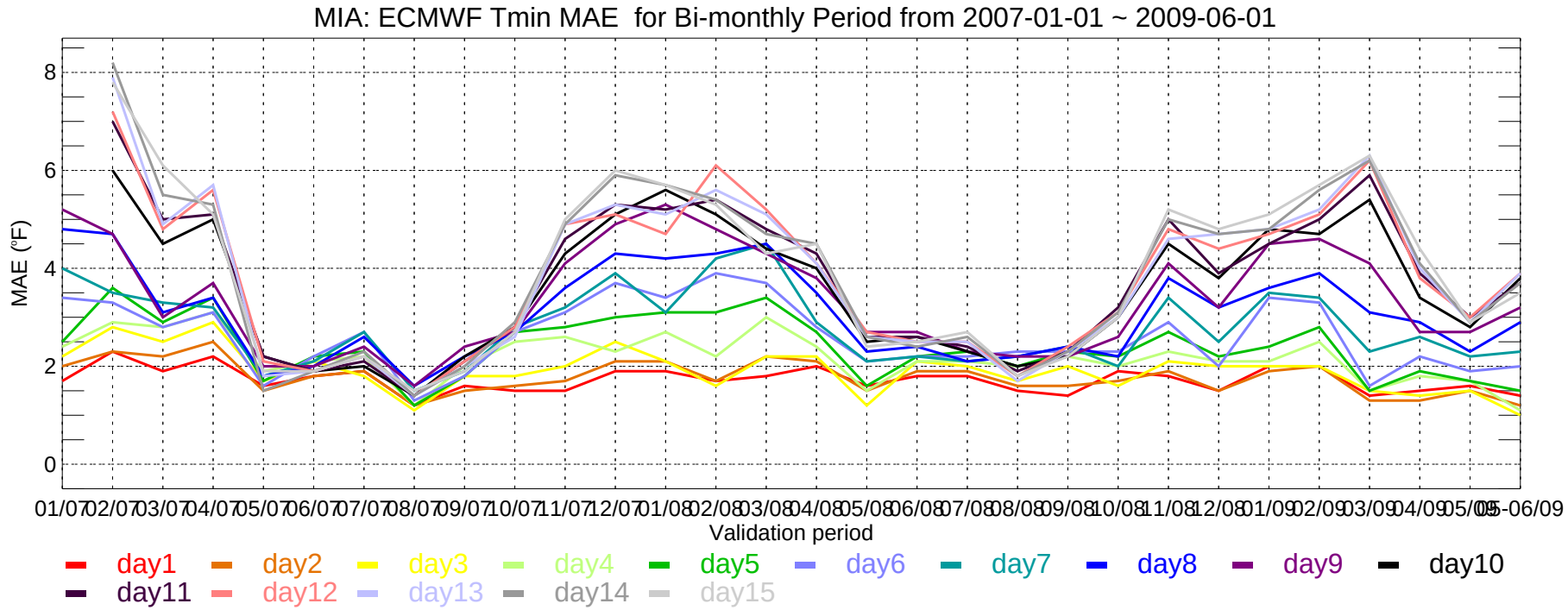

MHT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

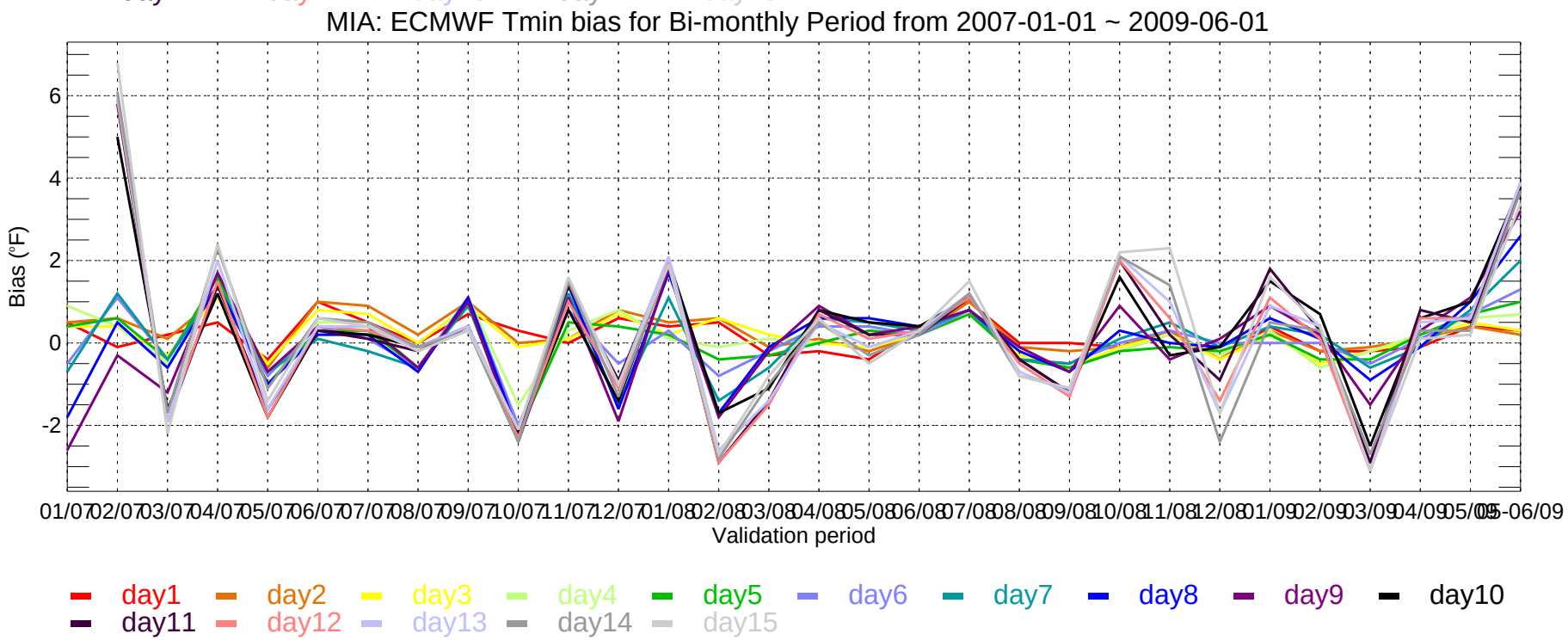

MHT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

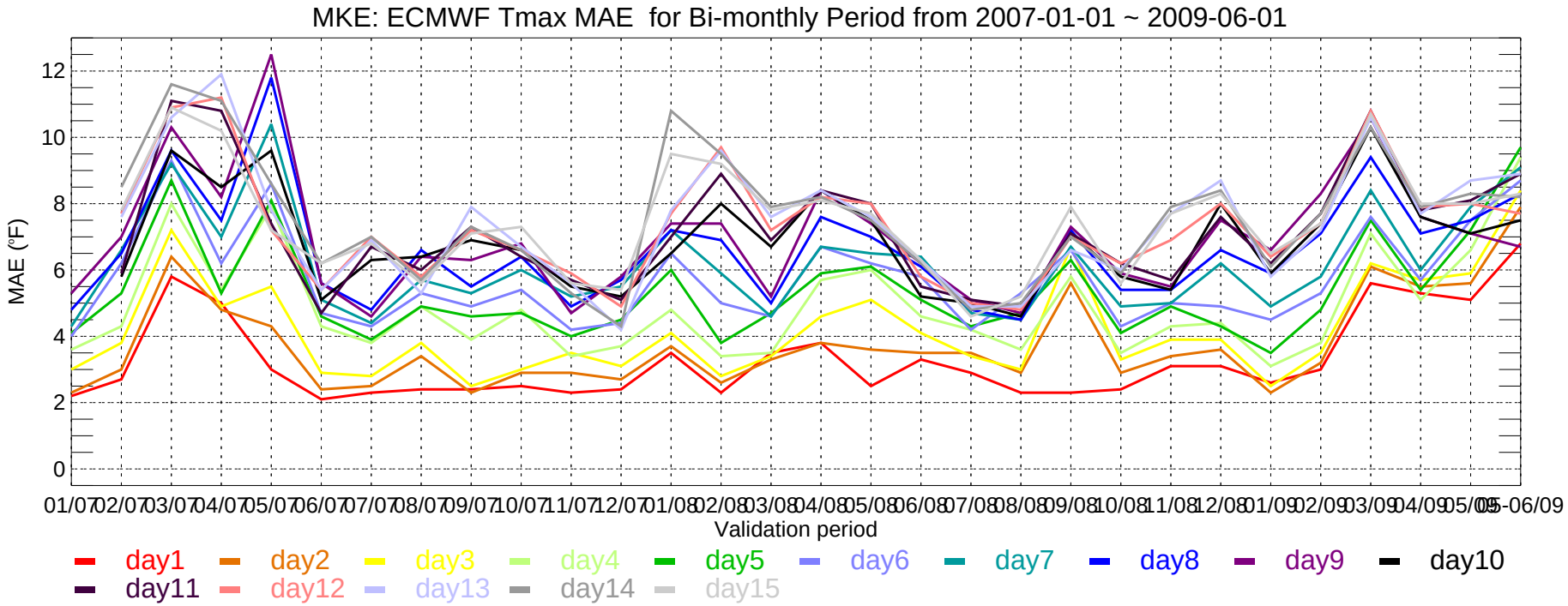

MHT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

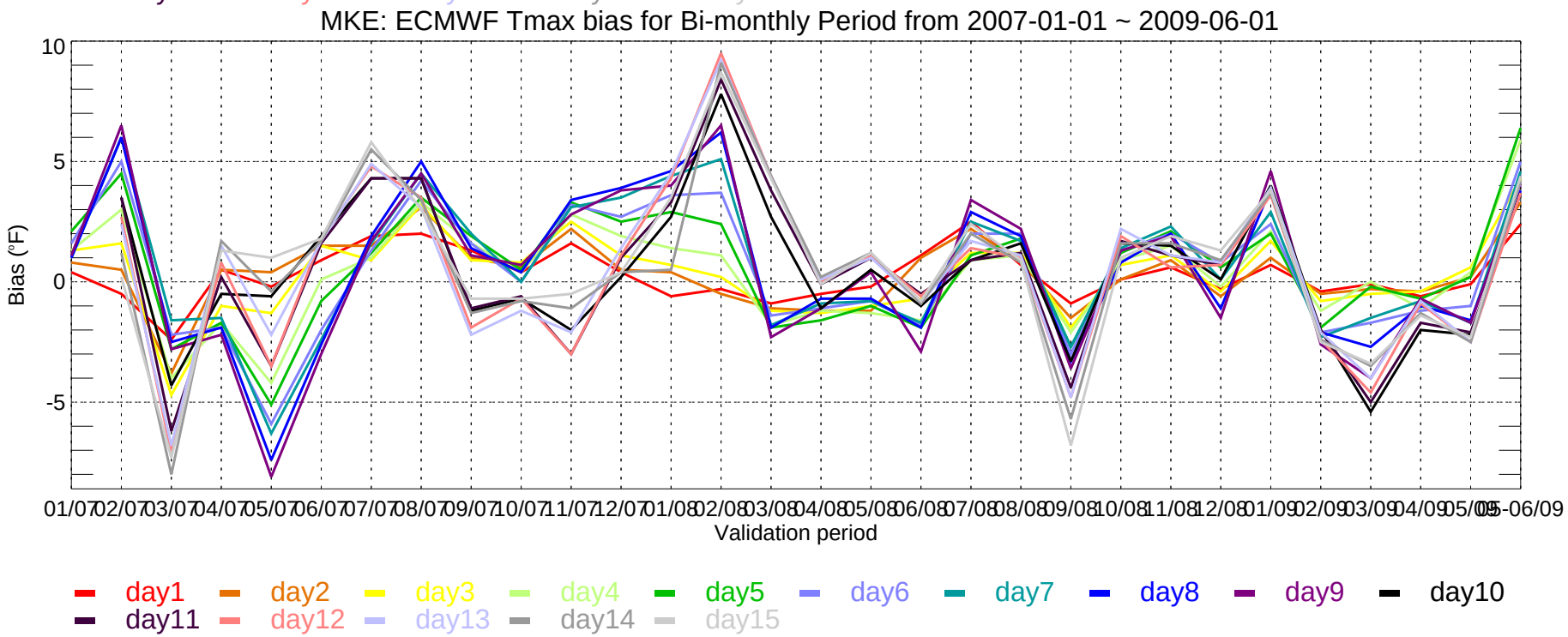

MIA: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

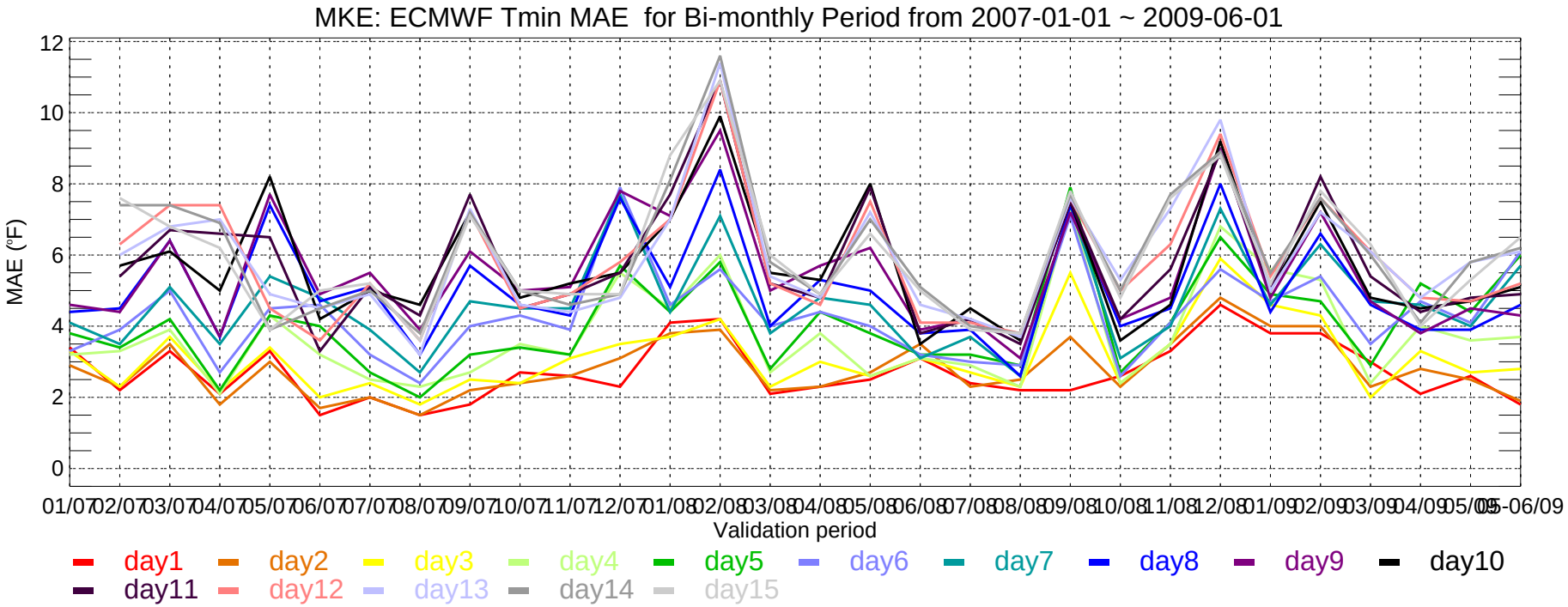

MIA: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

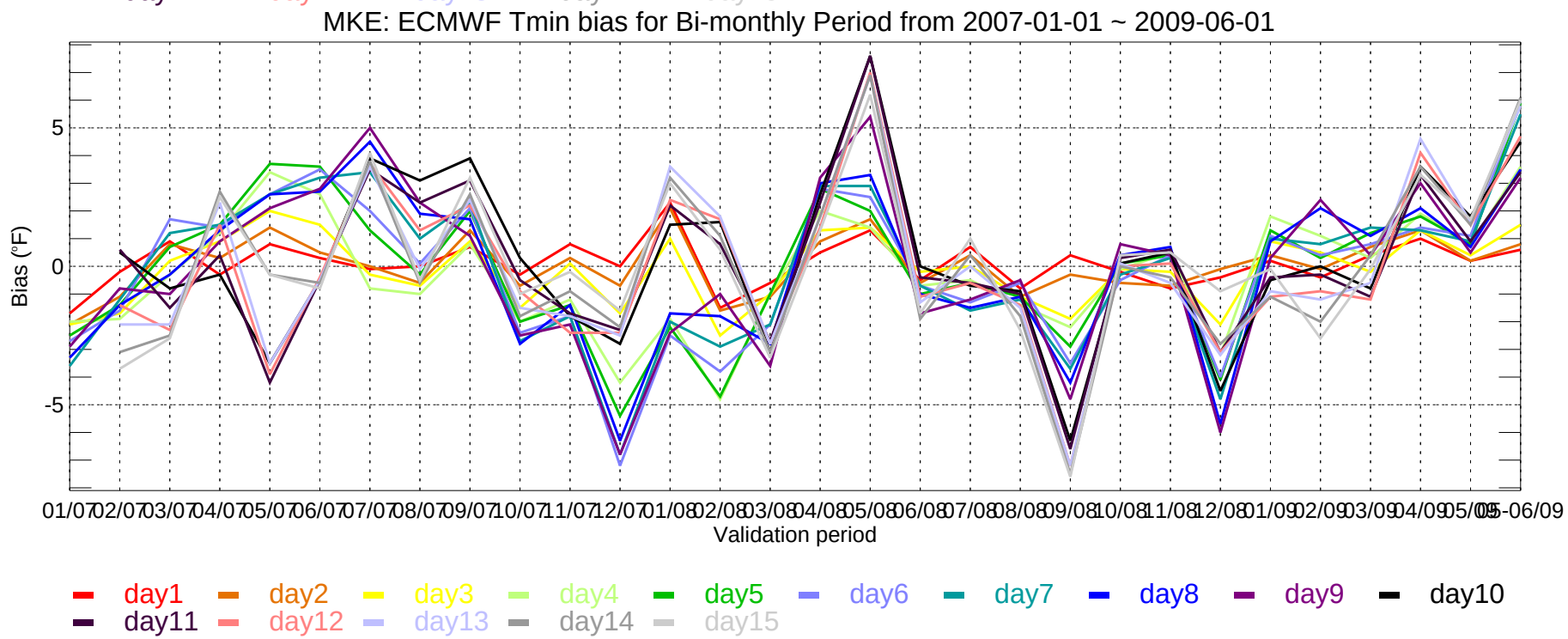

MIA: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

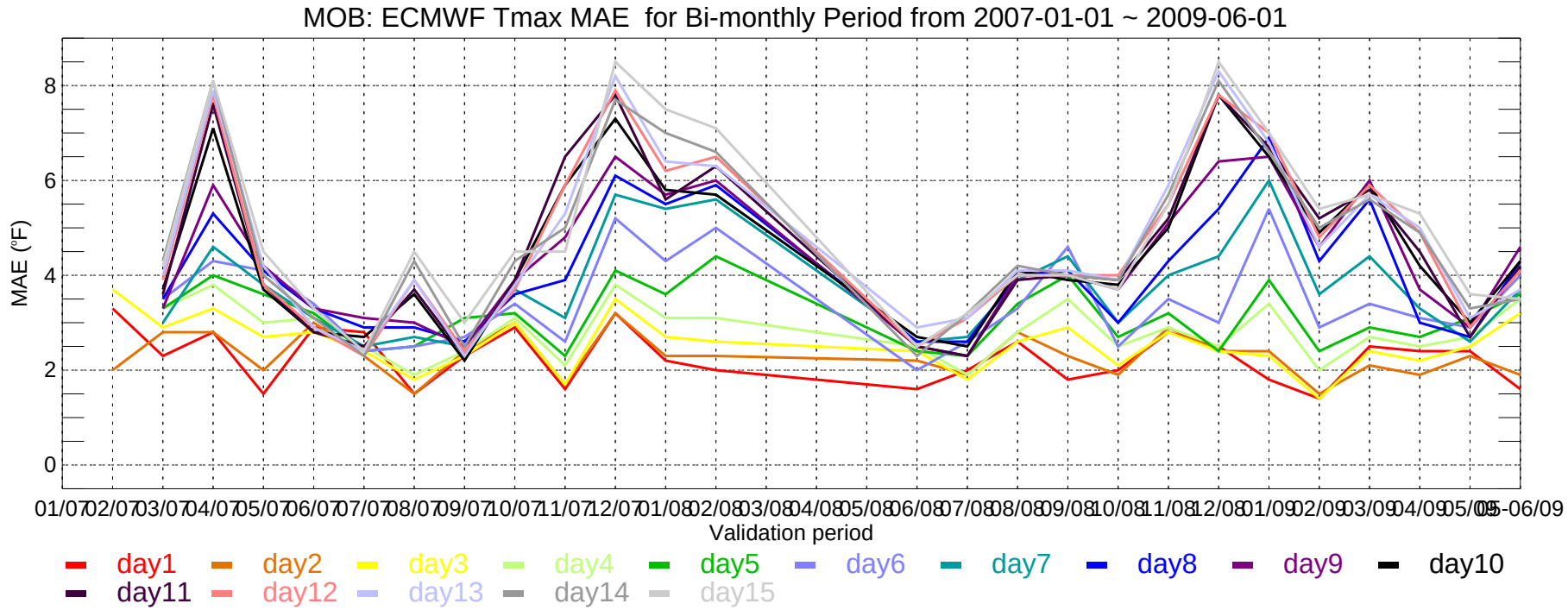

MIA: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

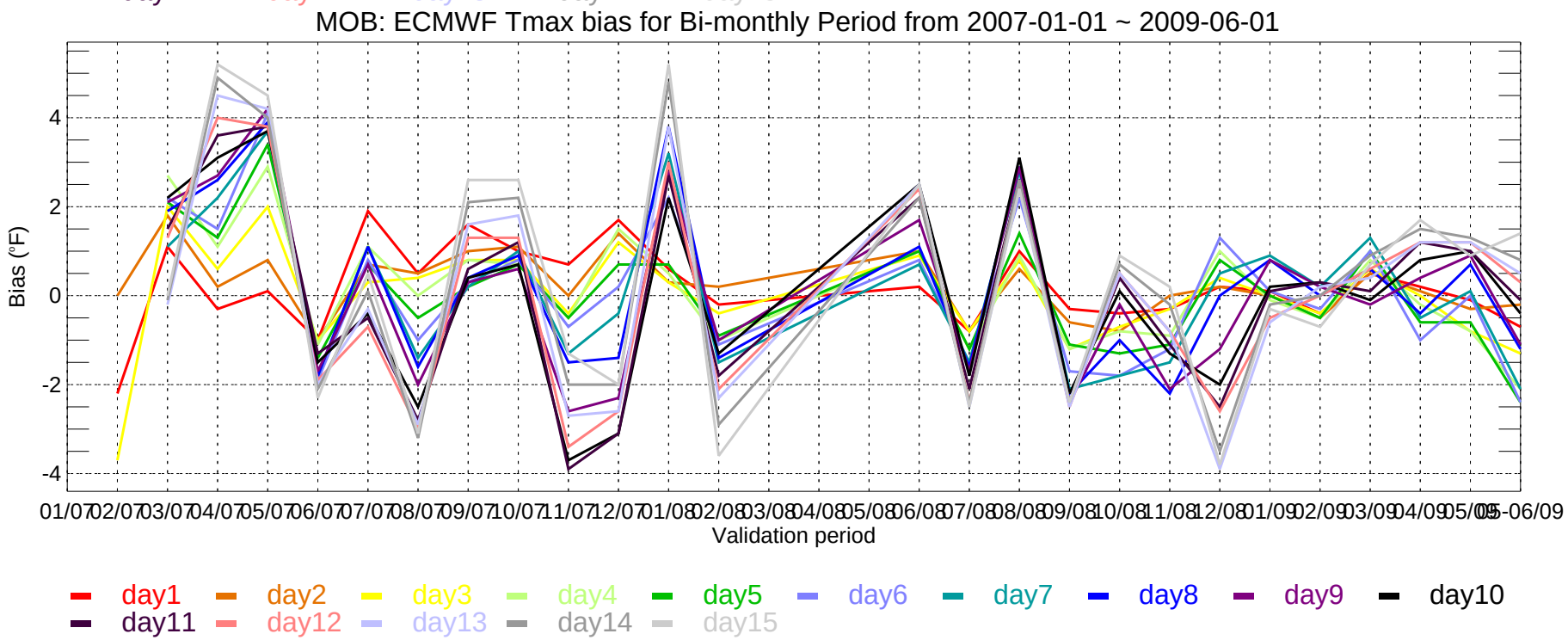

MKE: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

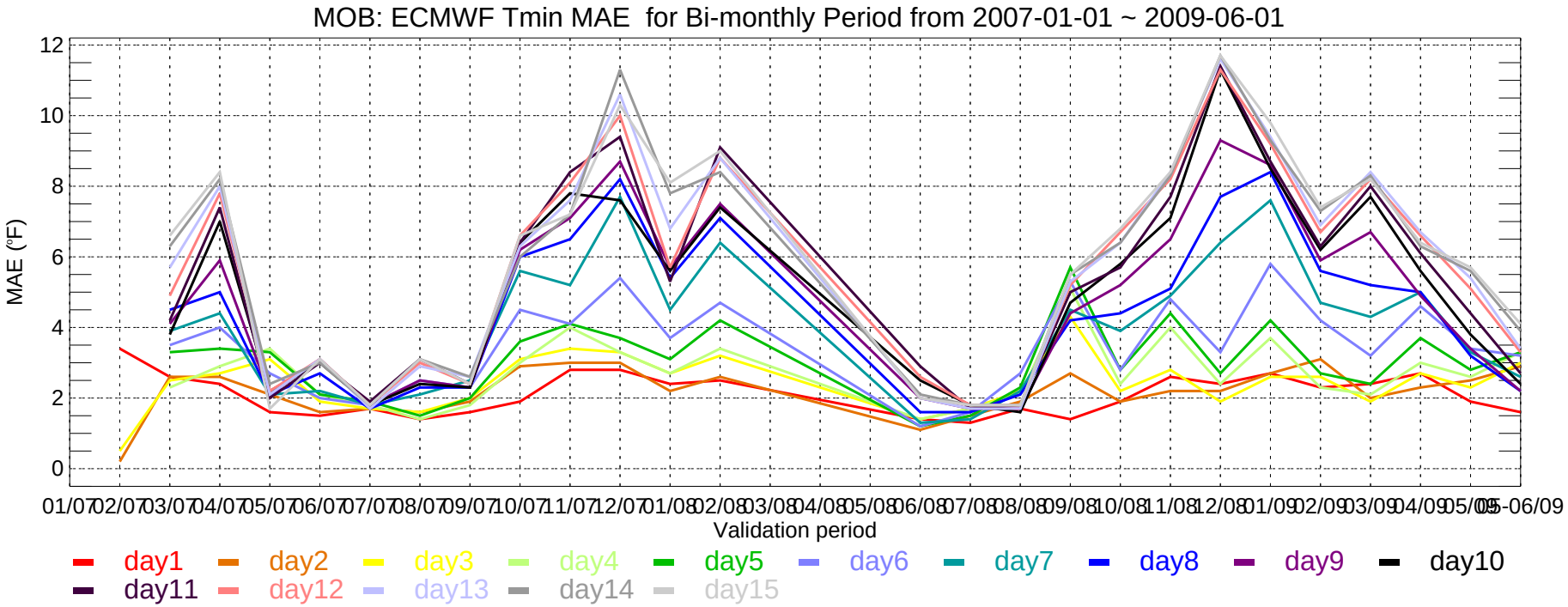

MKE: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

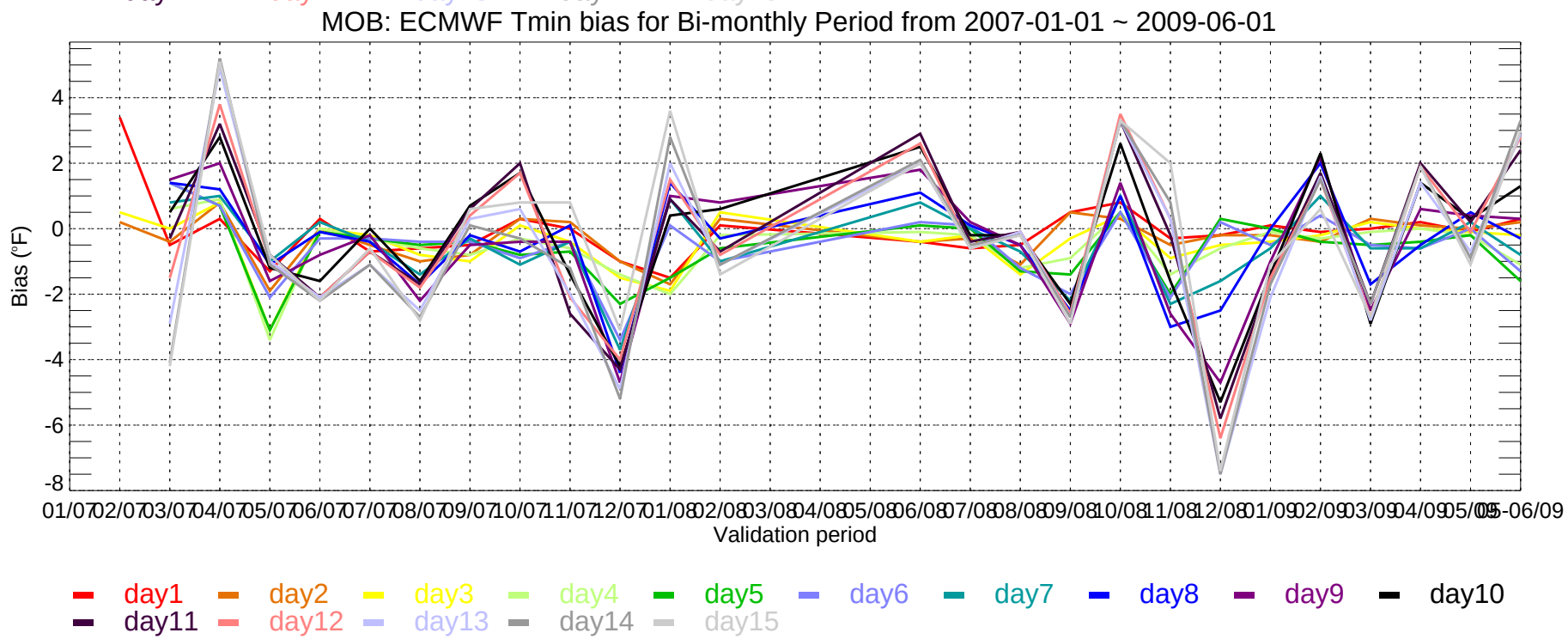

MKE: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

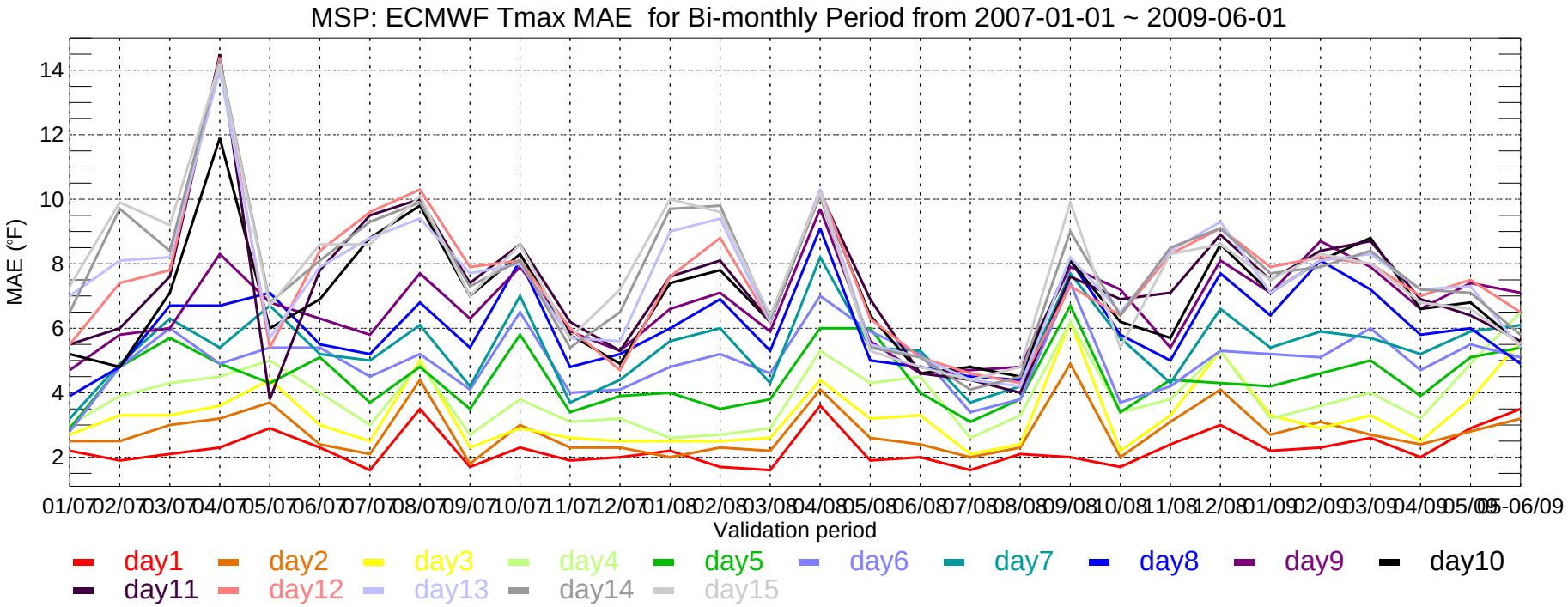

MKE: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

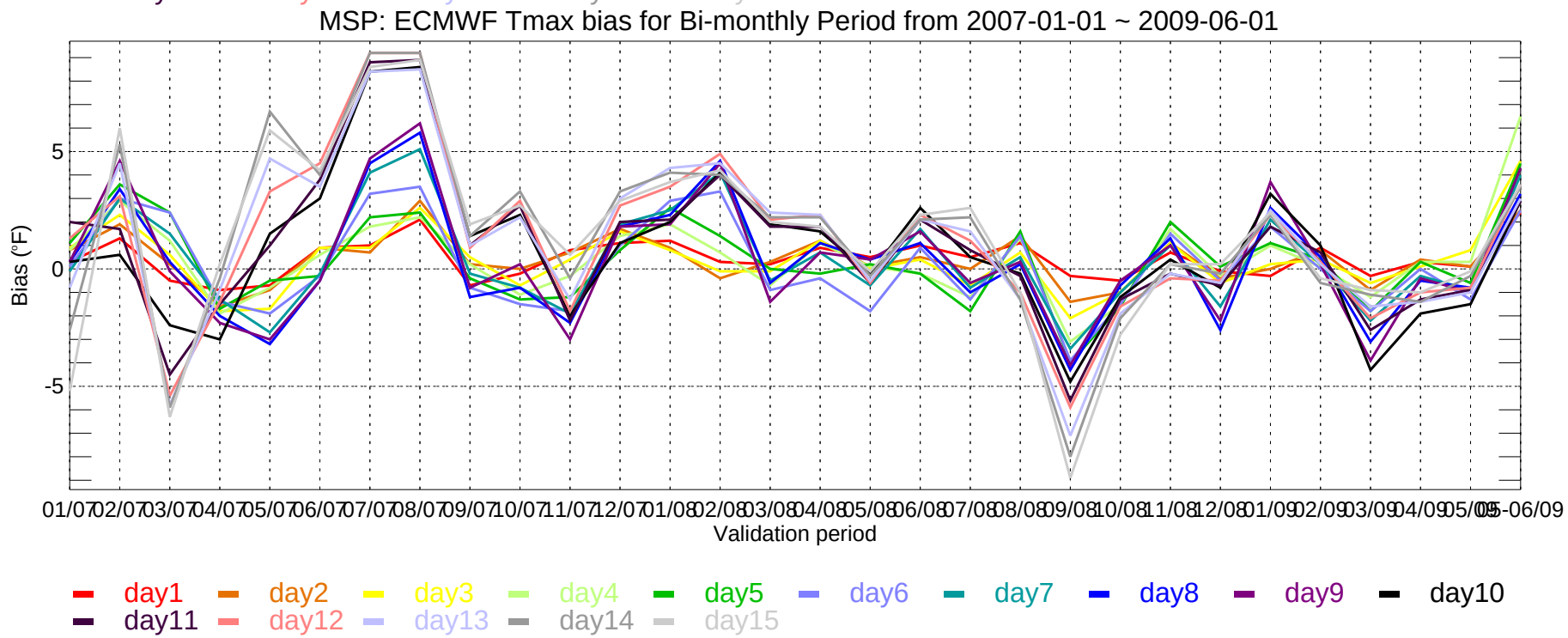

MOB: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

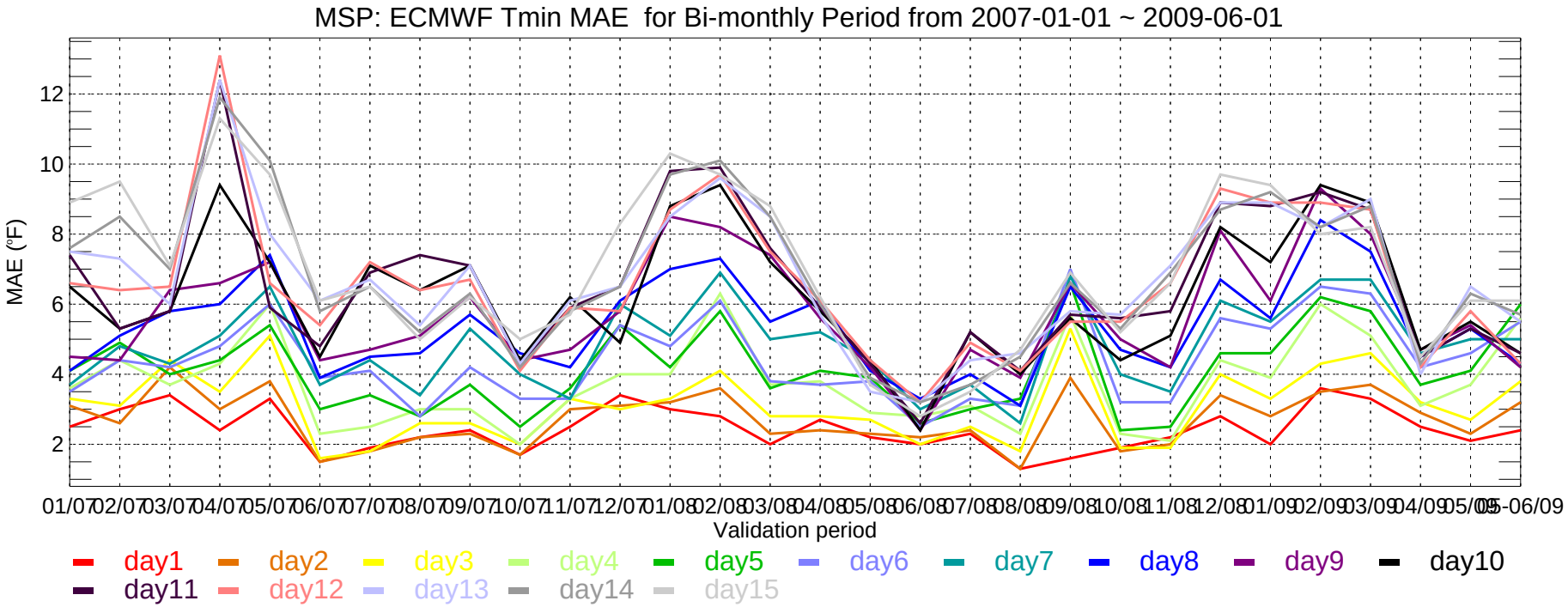

MOB: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

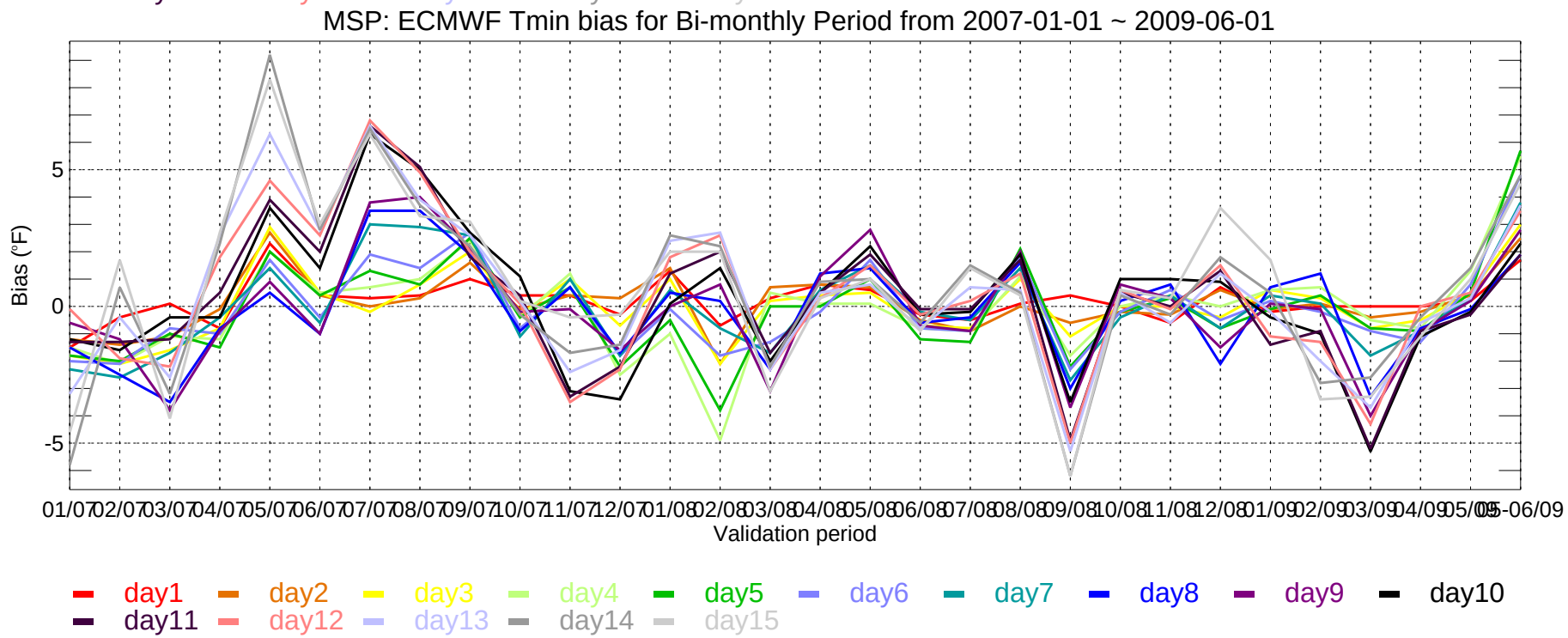

MOB: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

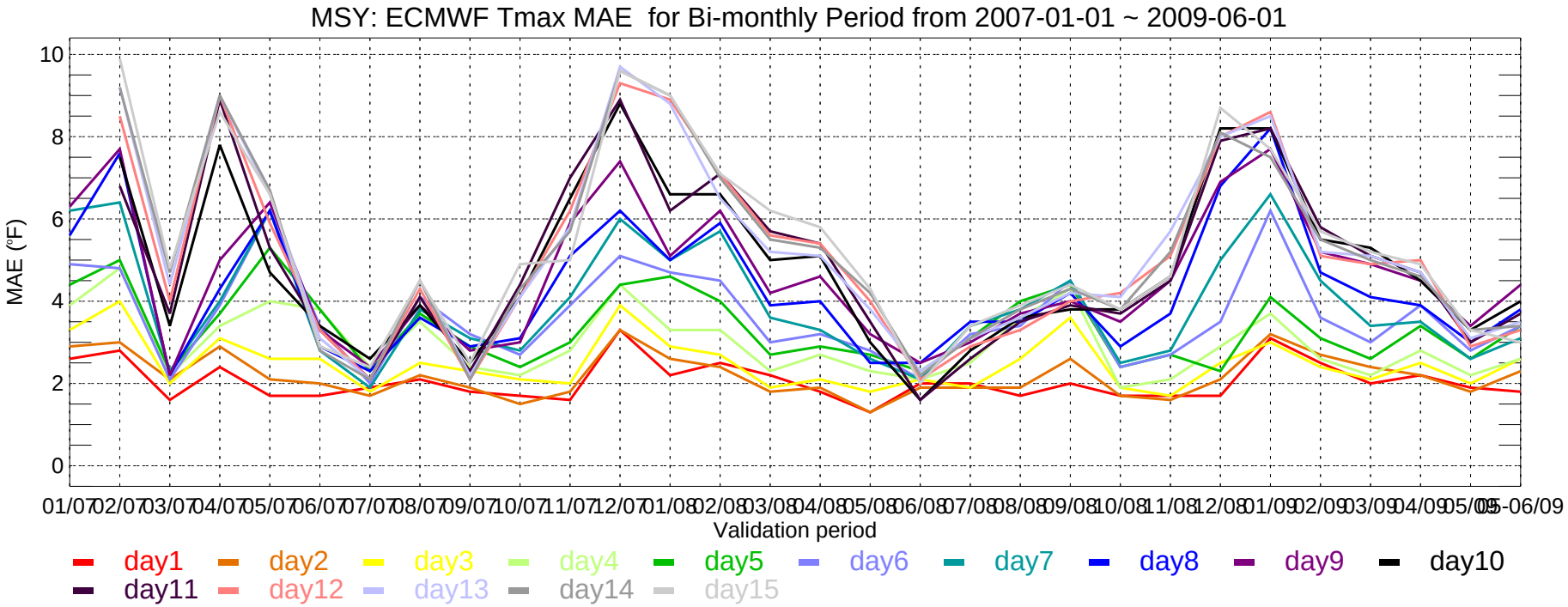

MOB: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

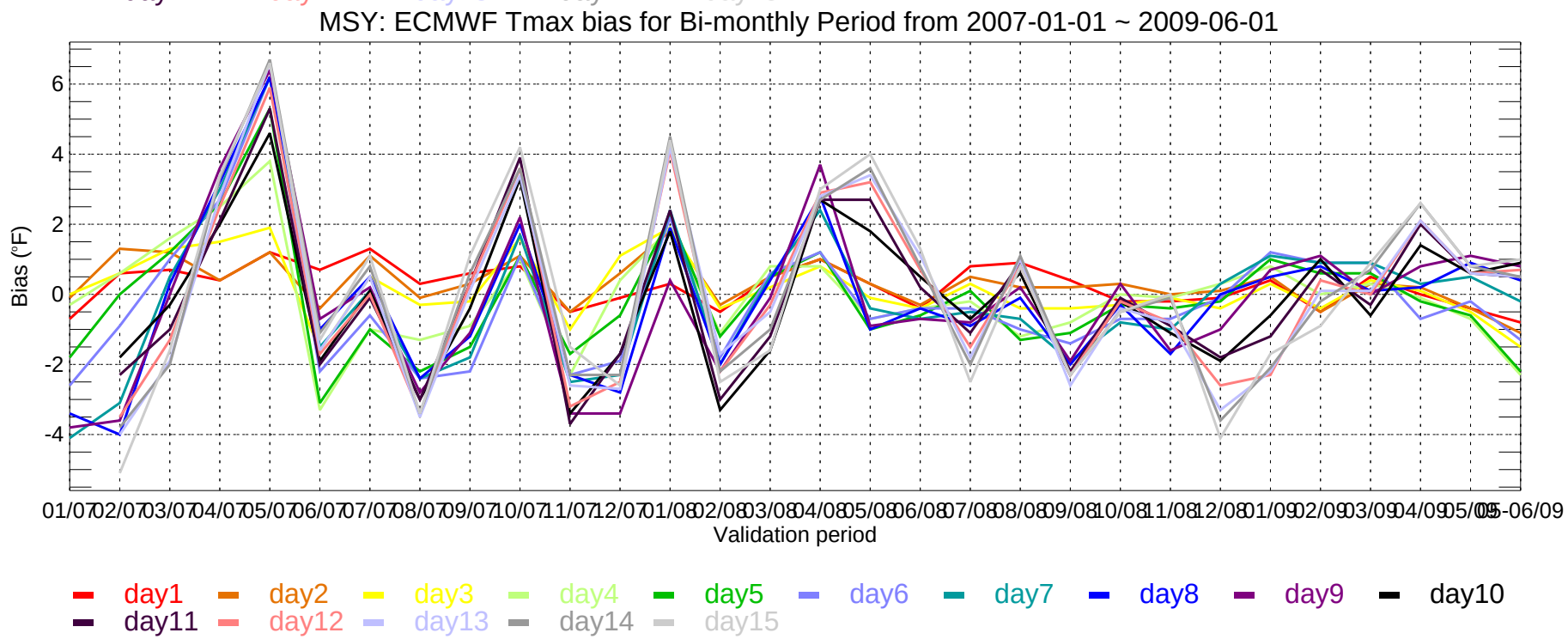

MSP: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
14
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

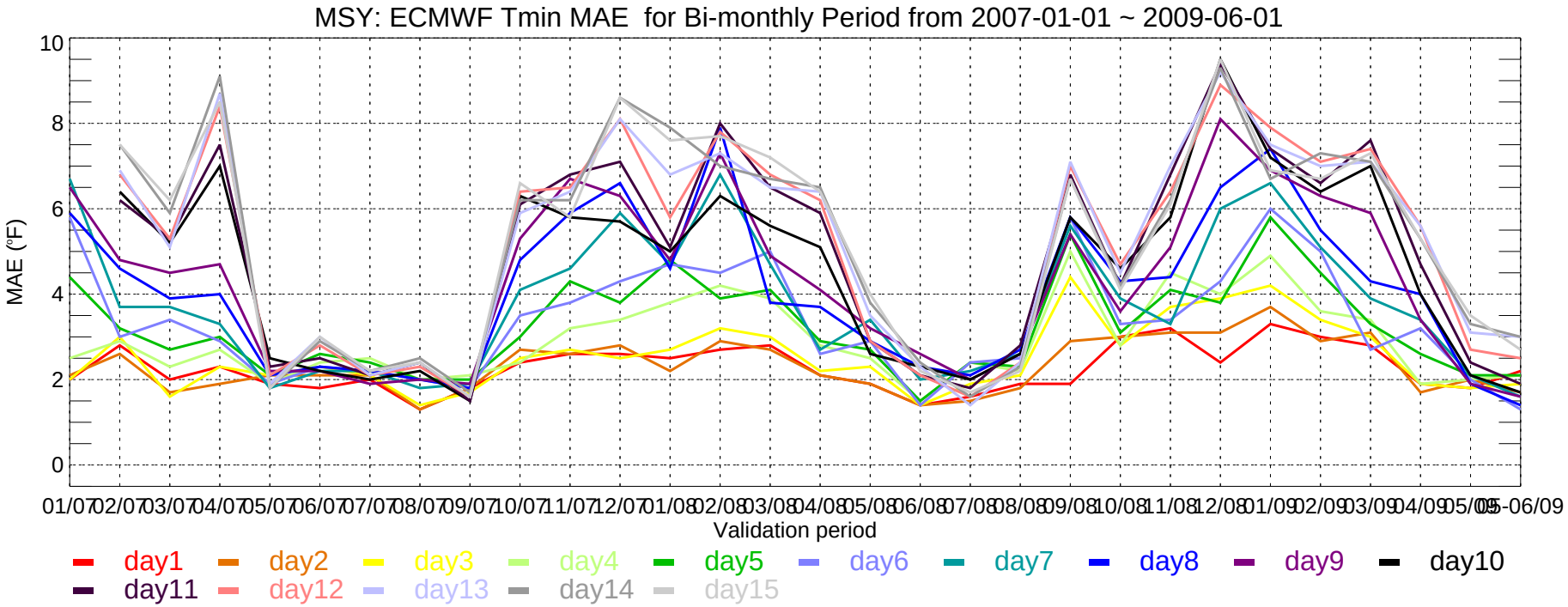

MSP: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

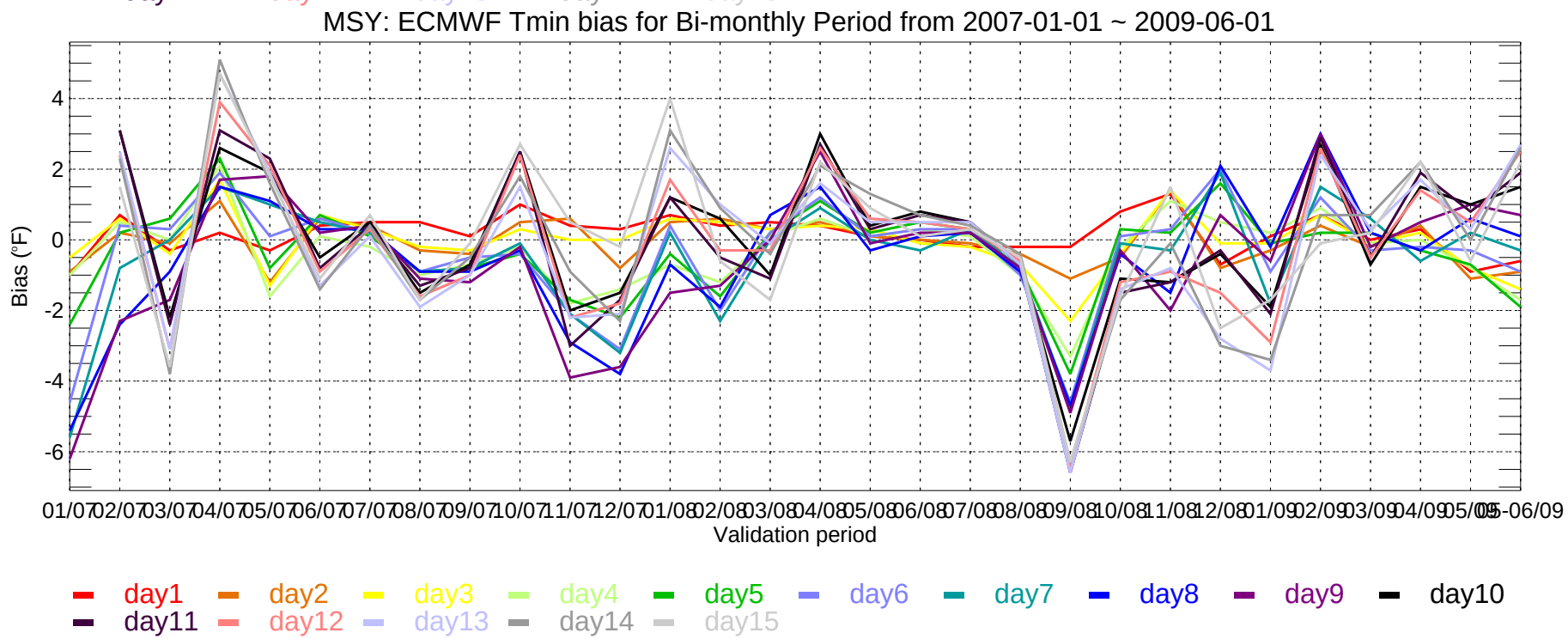

MSP: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

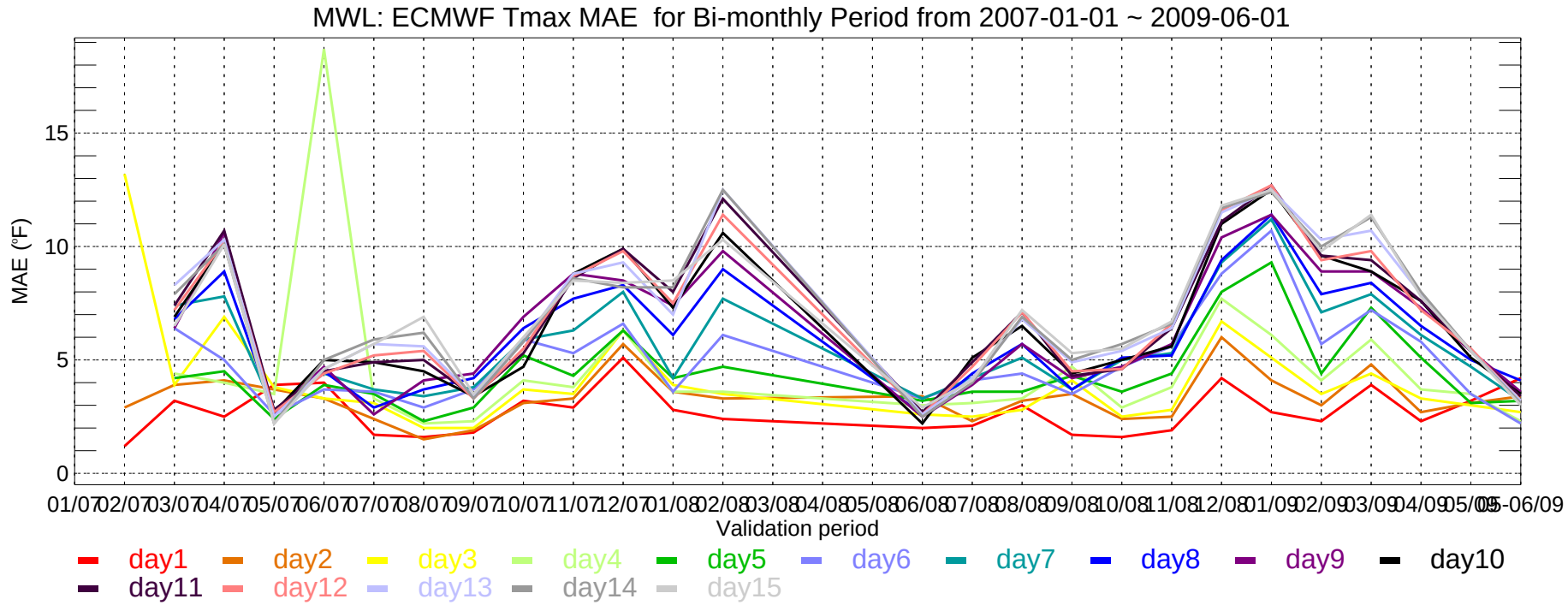

MSP: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

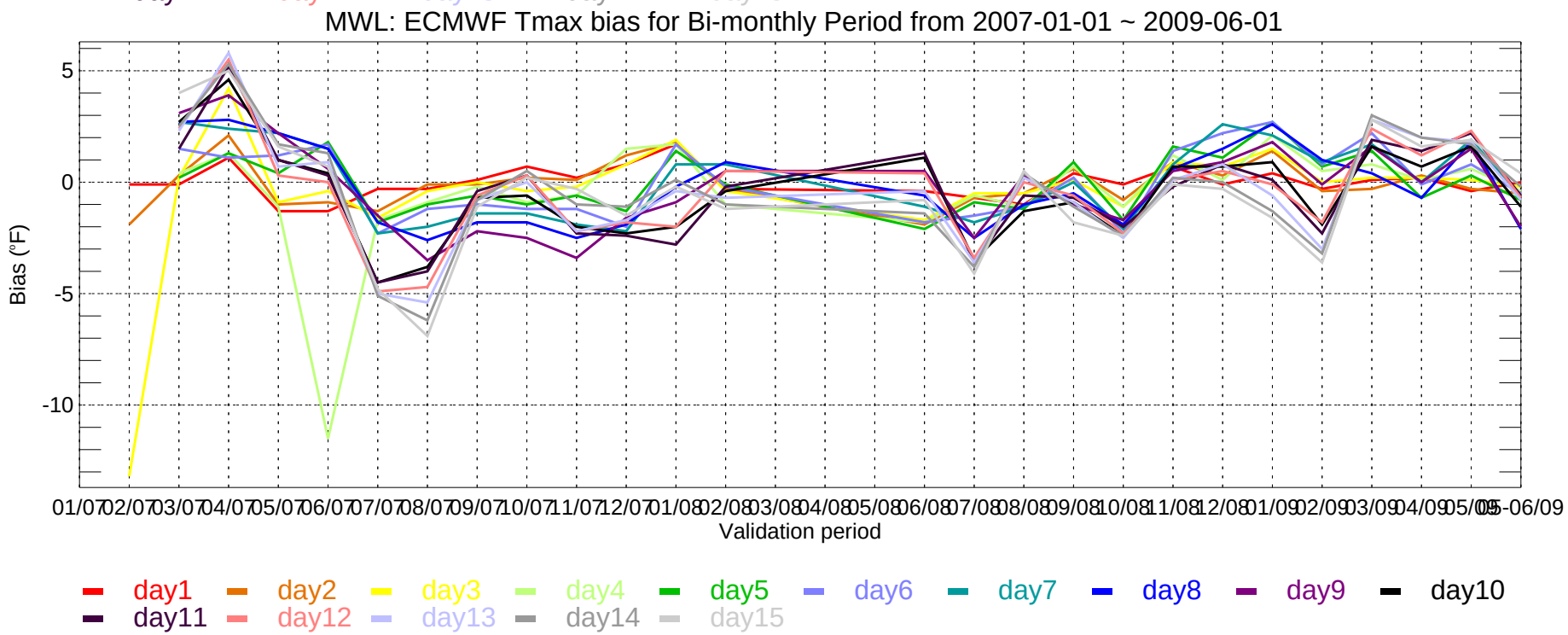

MSY: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

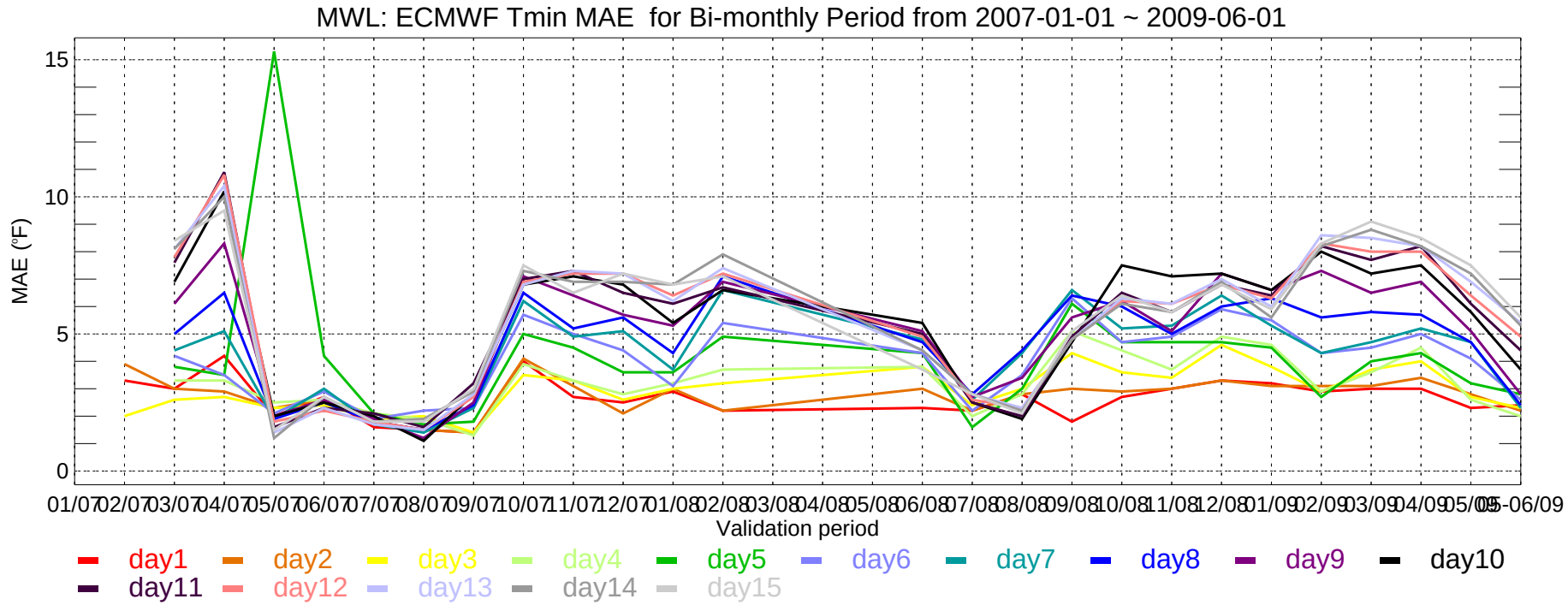

MSY: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


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


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


MWL: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MWL: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MWL: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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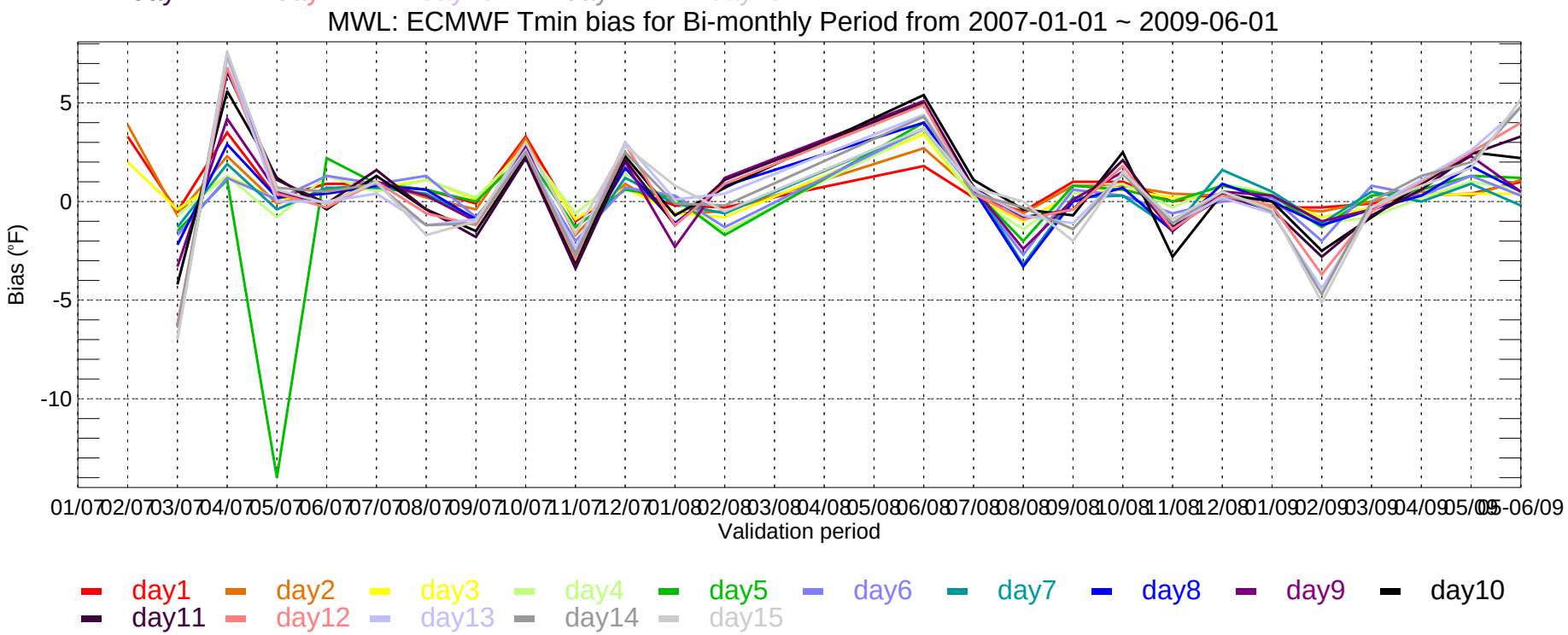
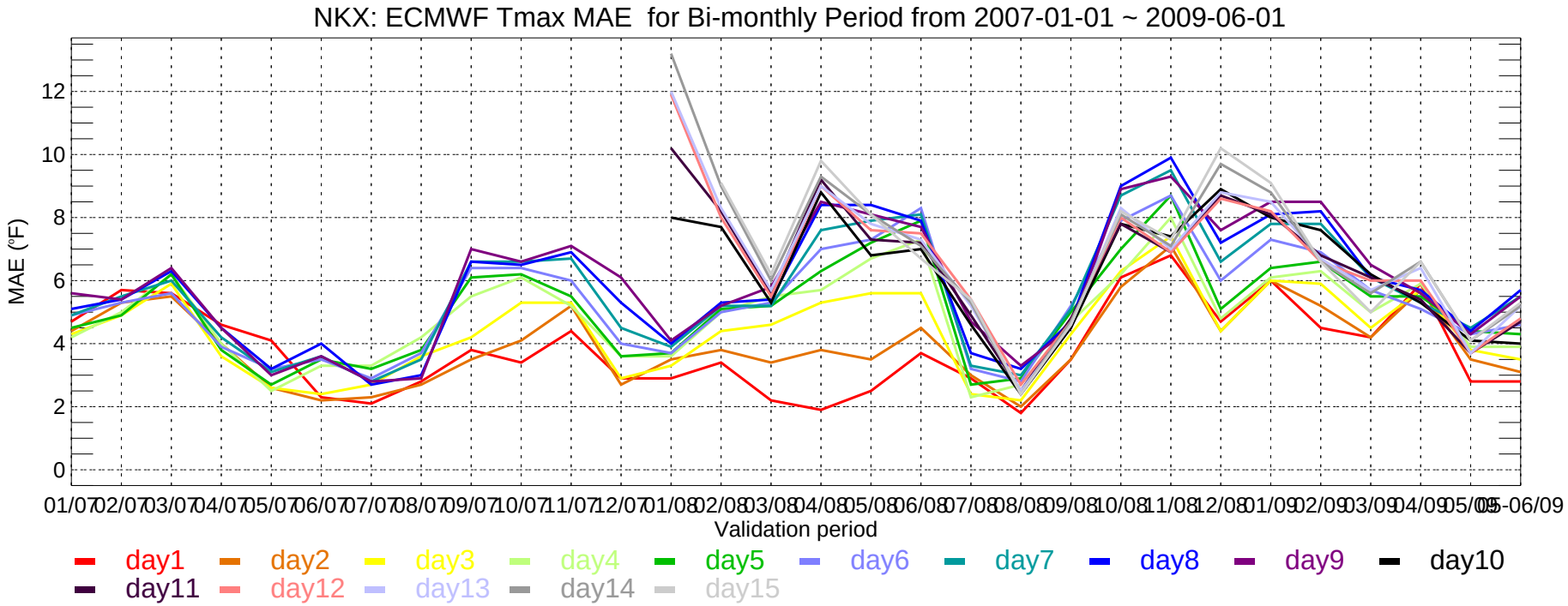
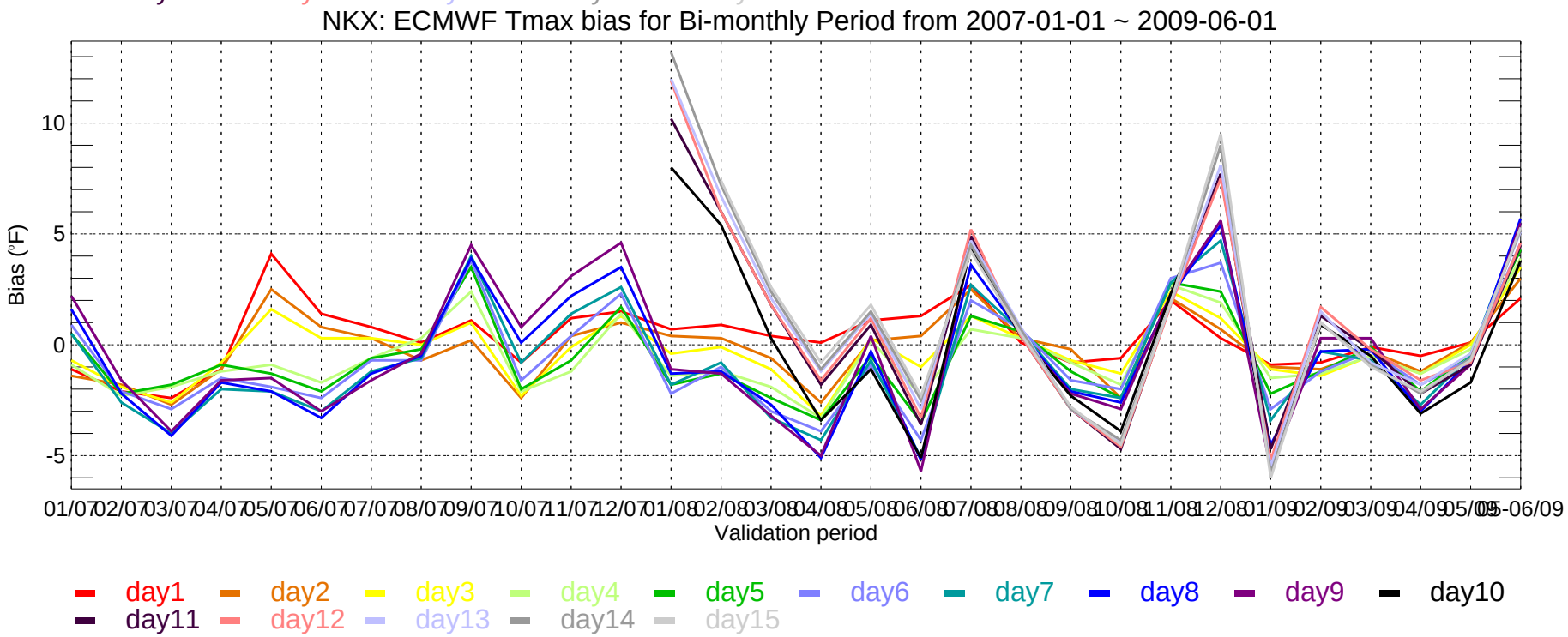
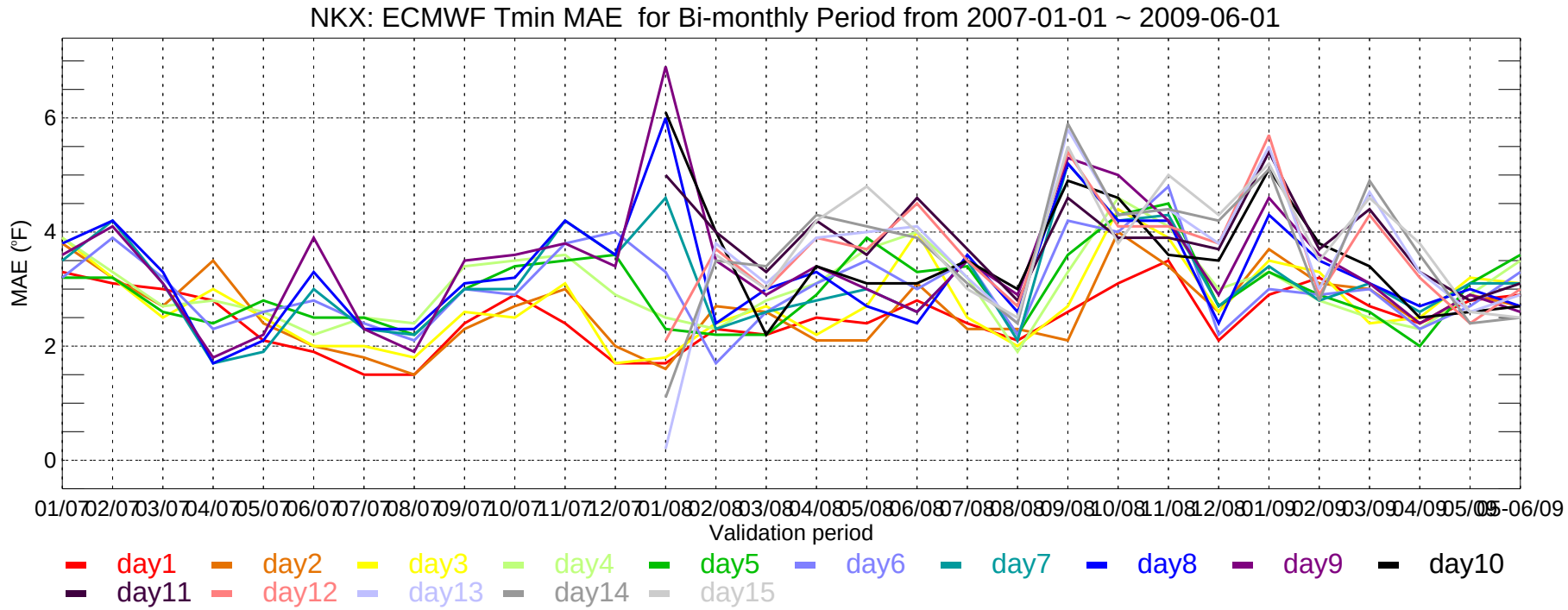
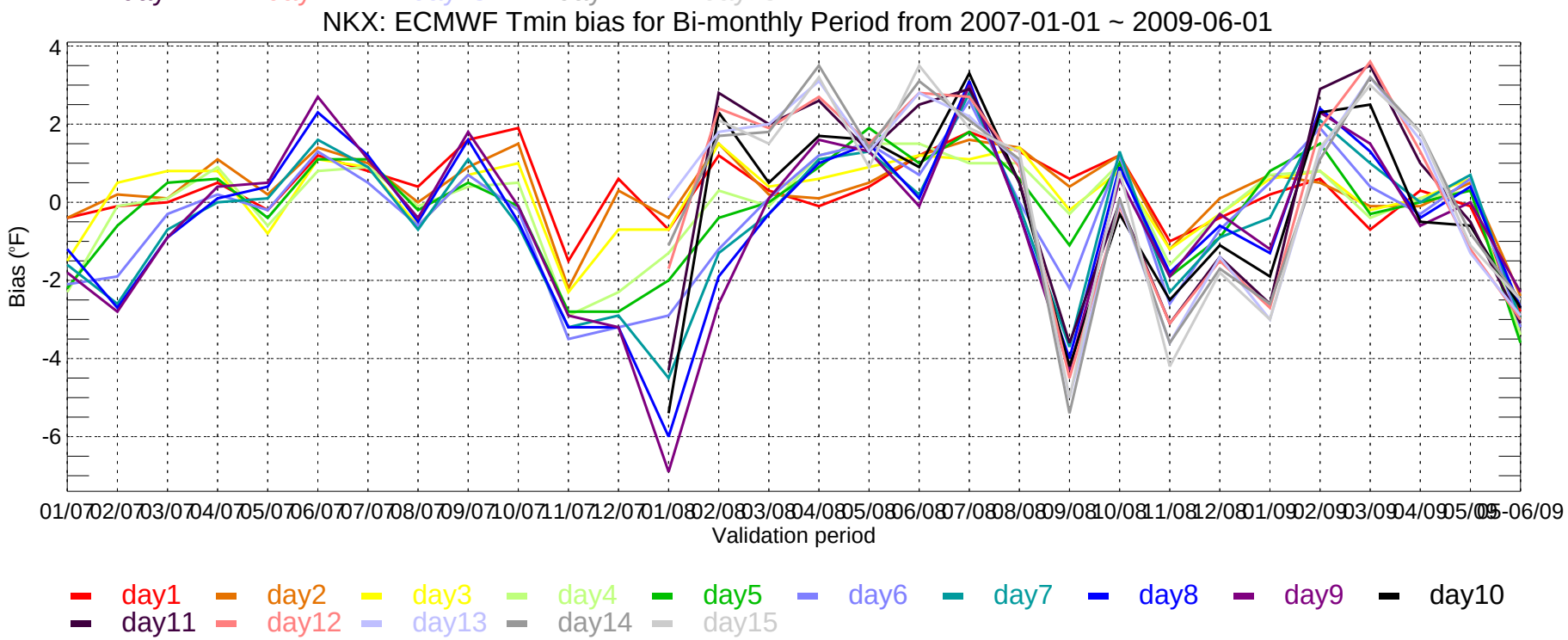
day11 day12 day13 day14 day15

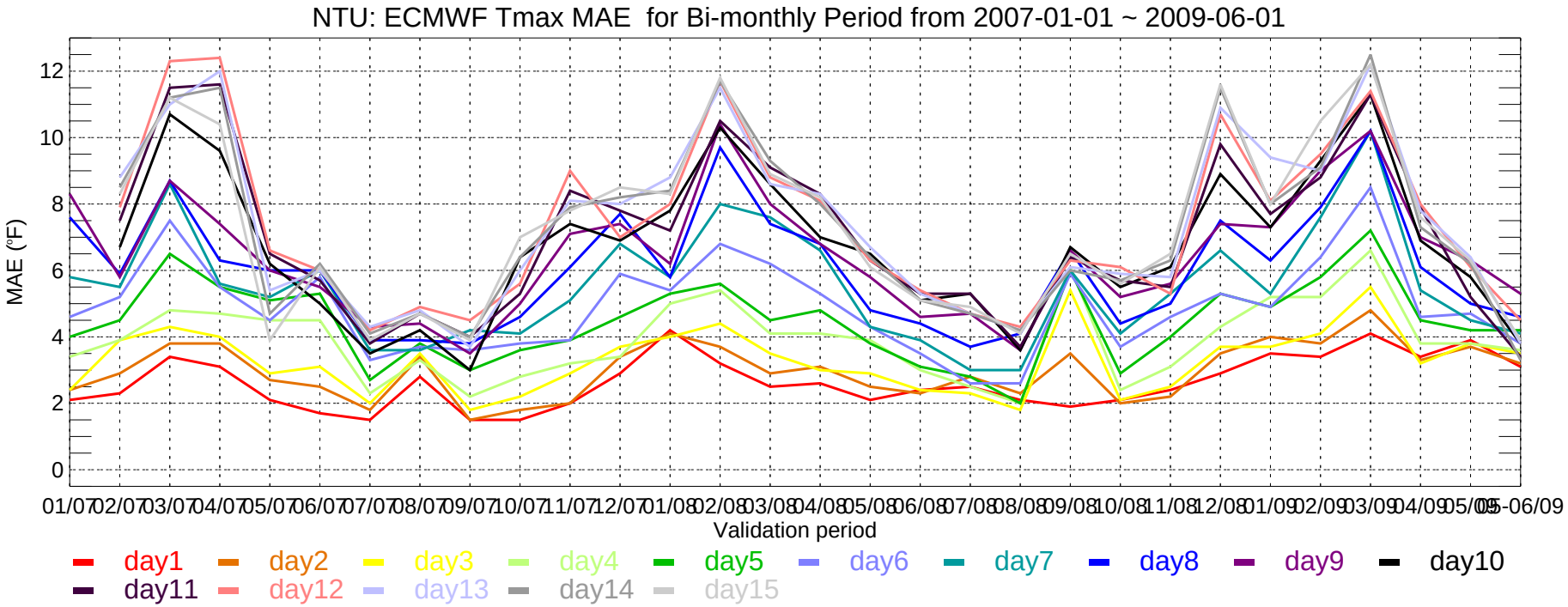

MWL: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

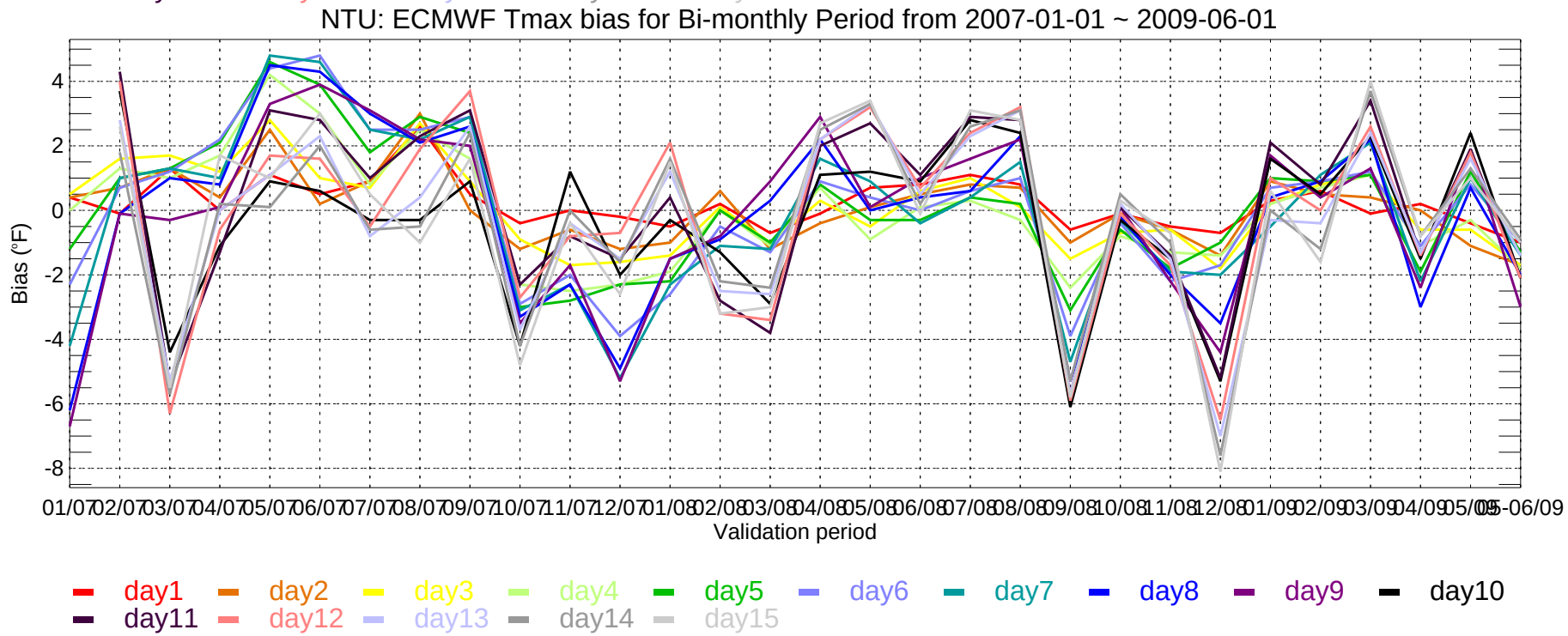

NKX: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

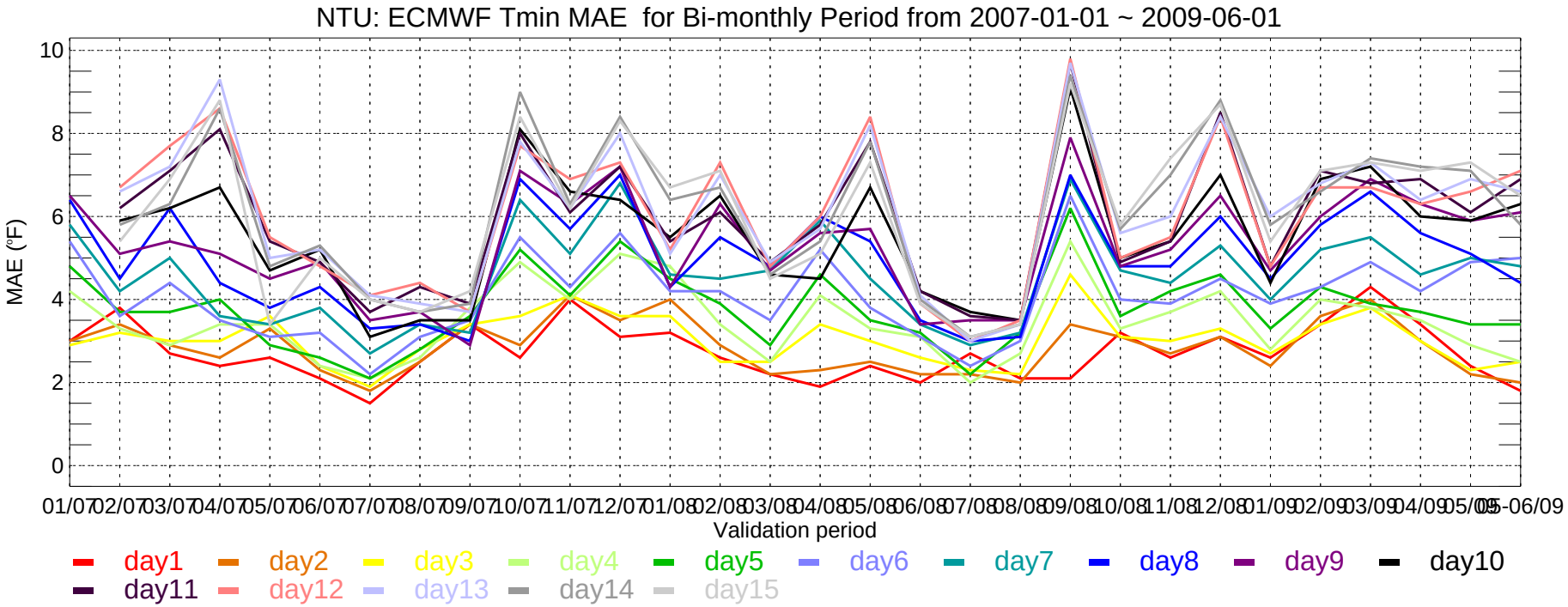

NKX: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

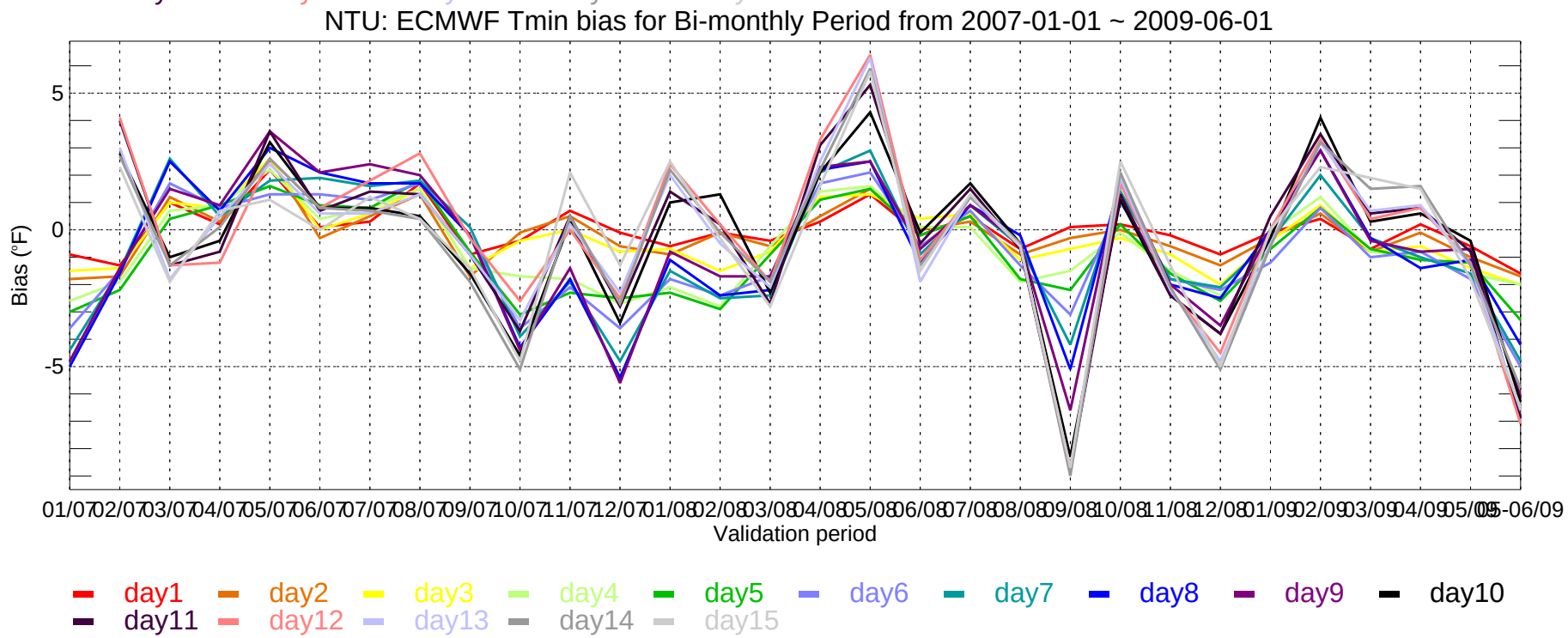

NKX: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

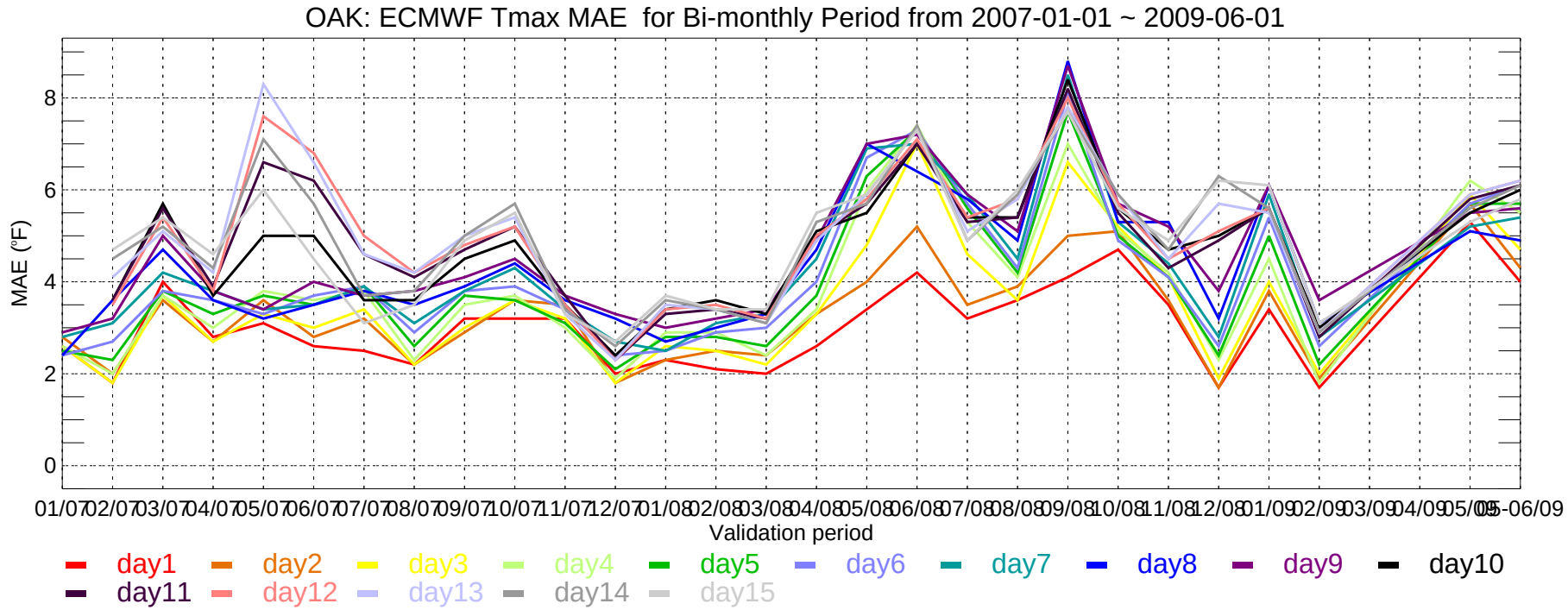

NKX: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

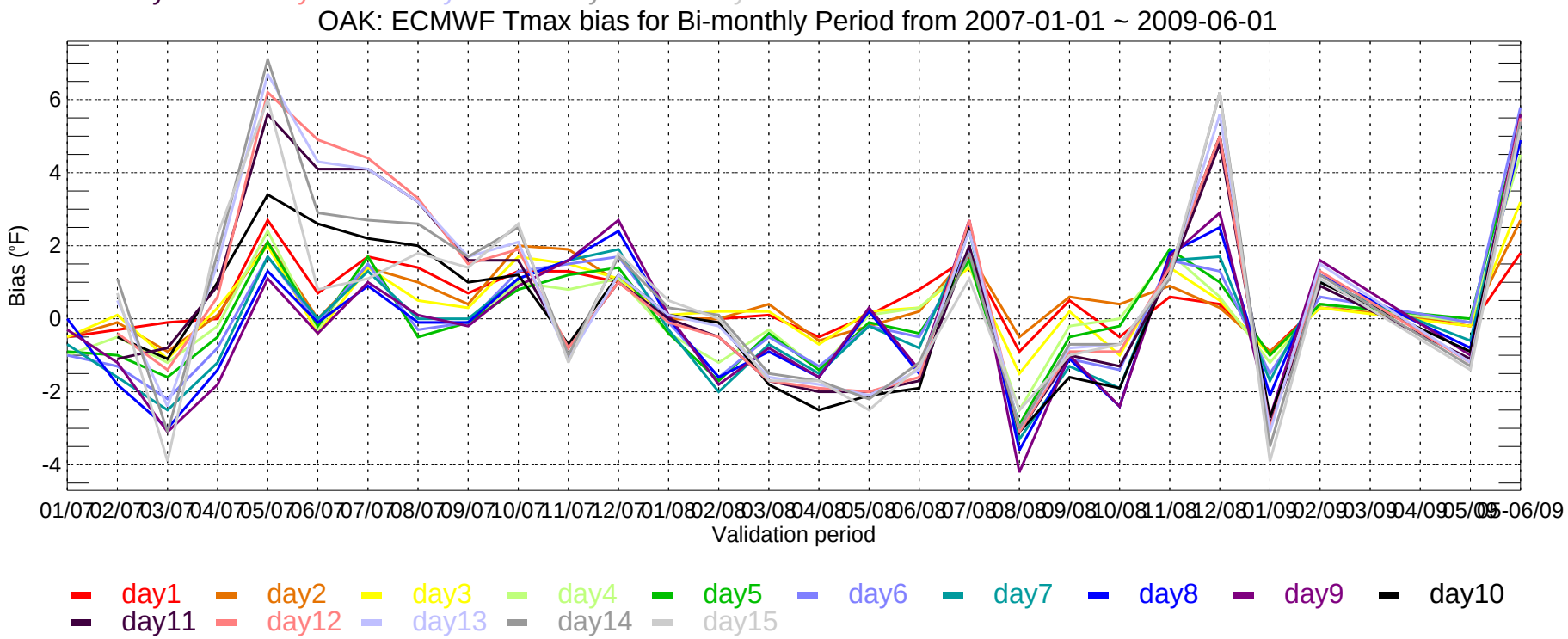

NTU: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

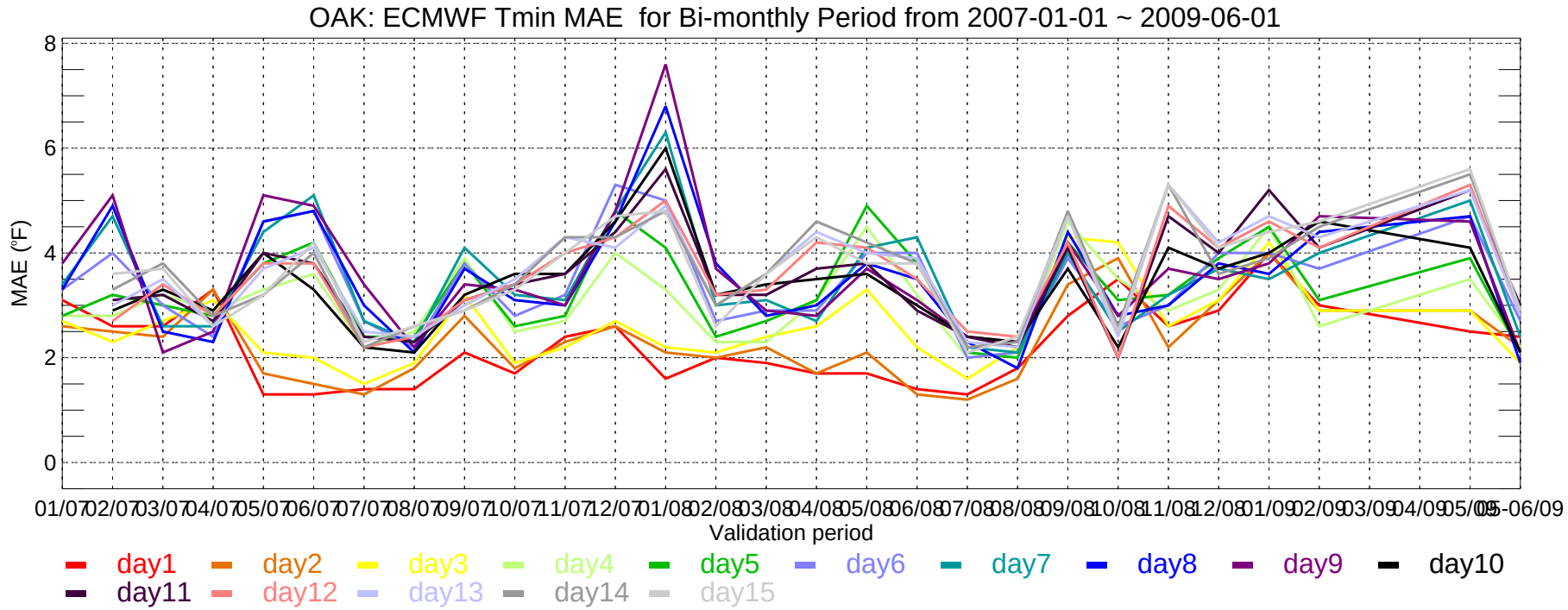

NTU: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-8
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

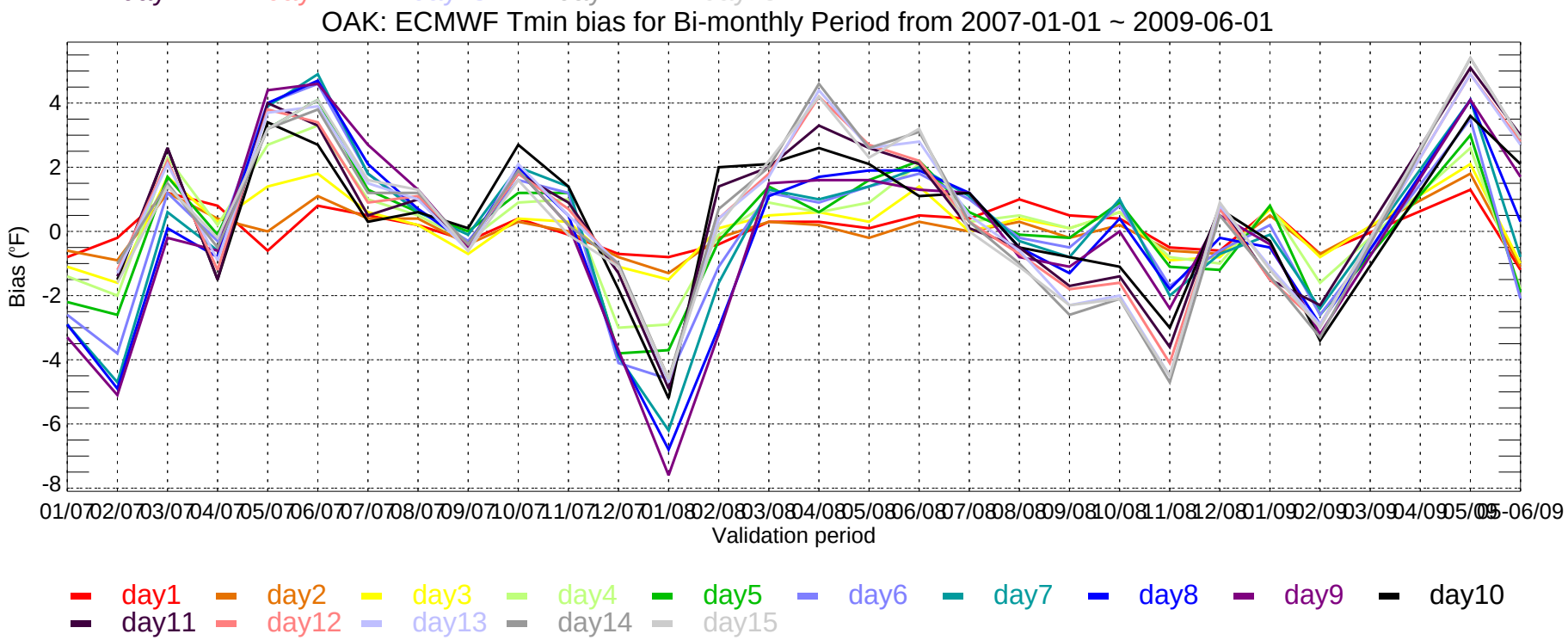

NTU: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06-06/09
Validation period
day1 day2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

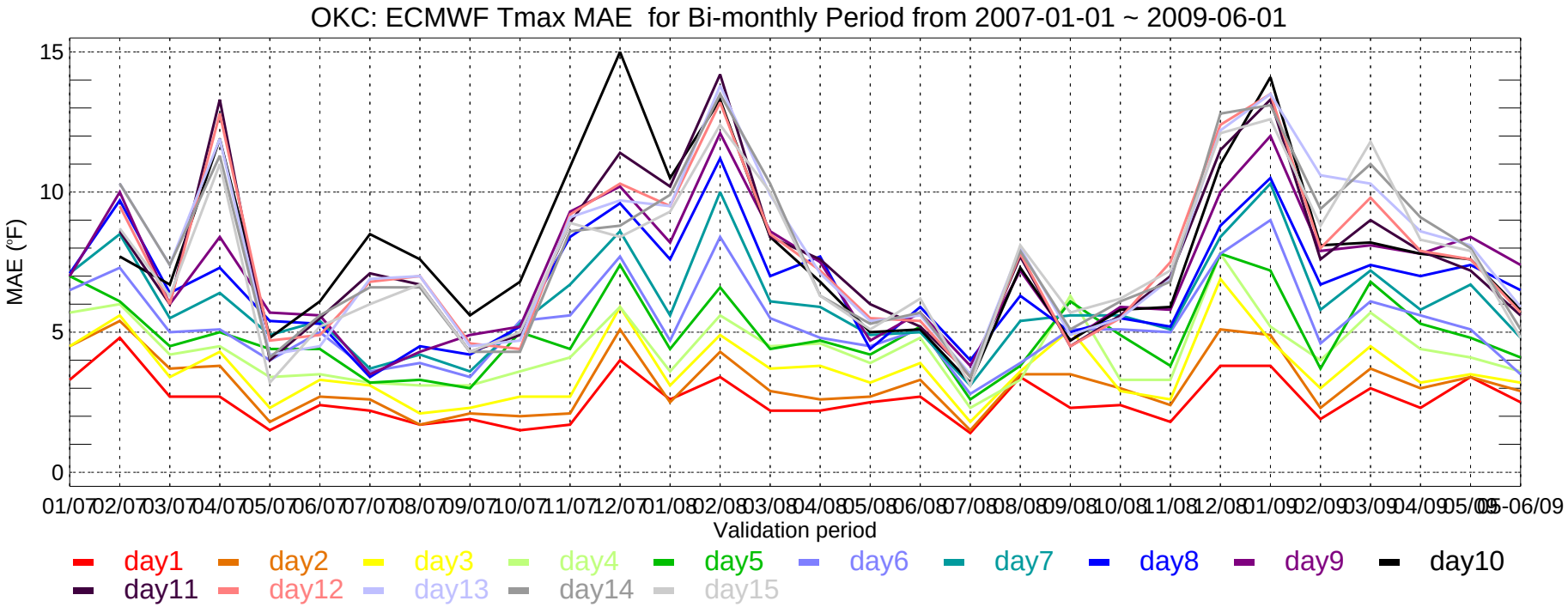

NTU: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06-06/09
Validation period
day1 day2 day3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

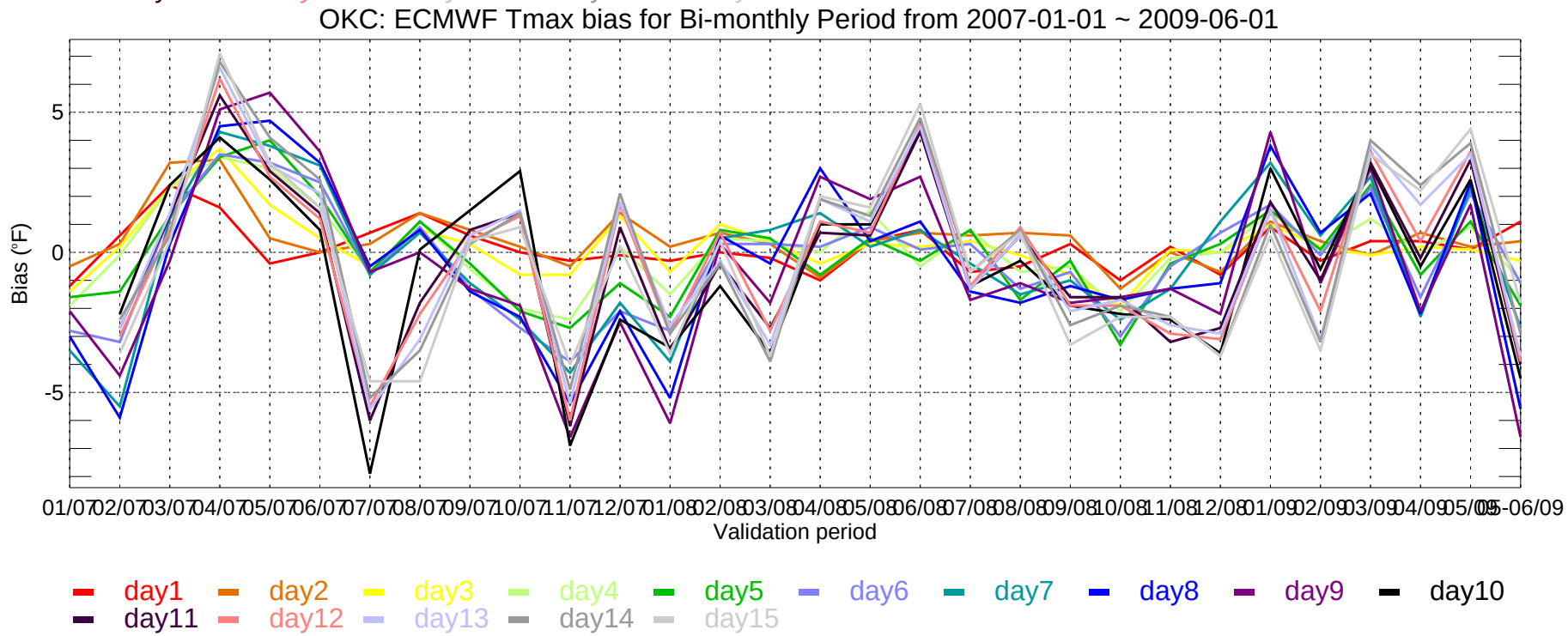

OAK: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

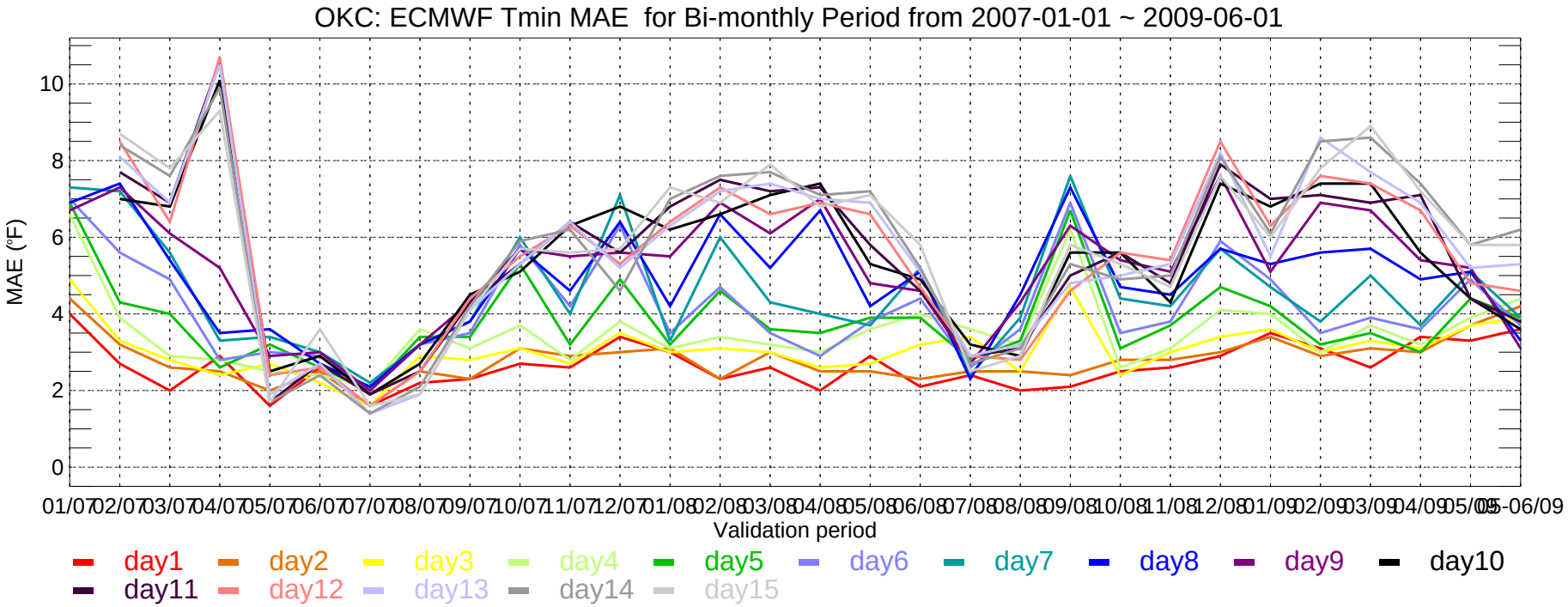

OAK: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

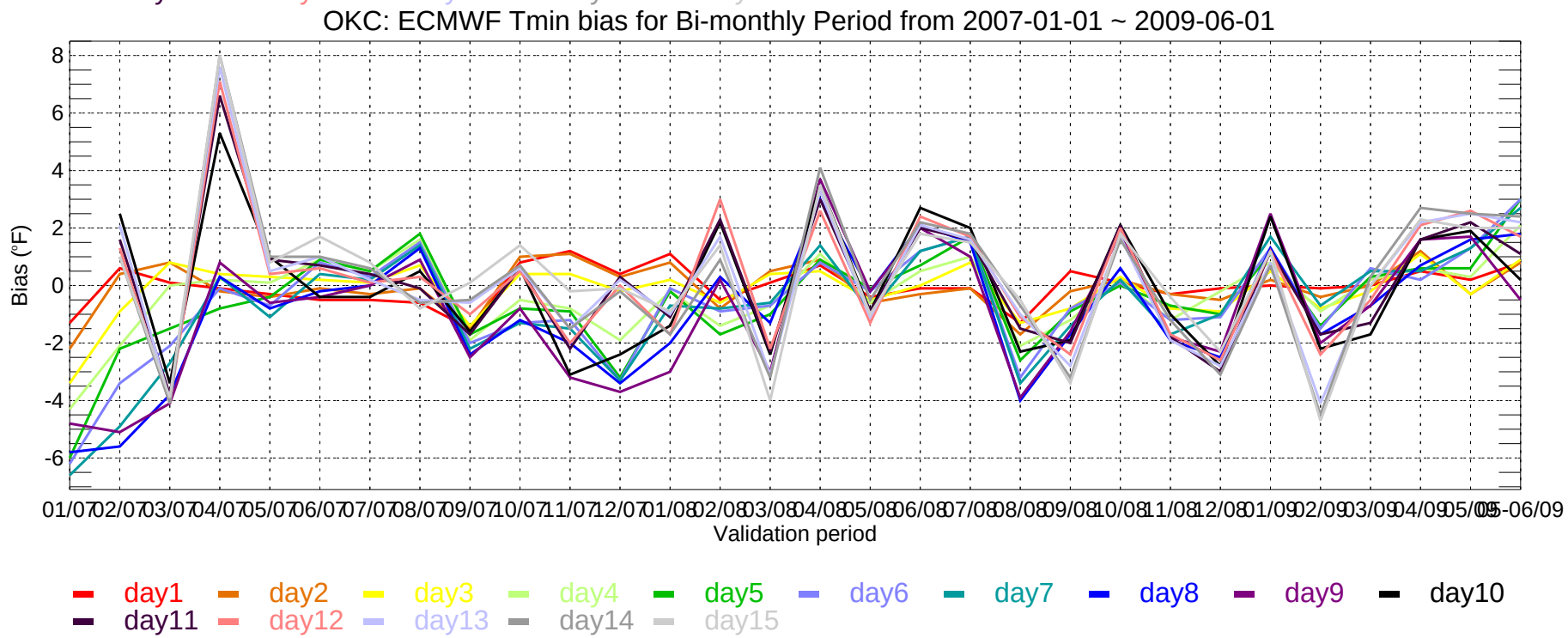

OAK: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

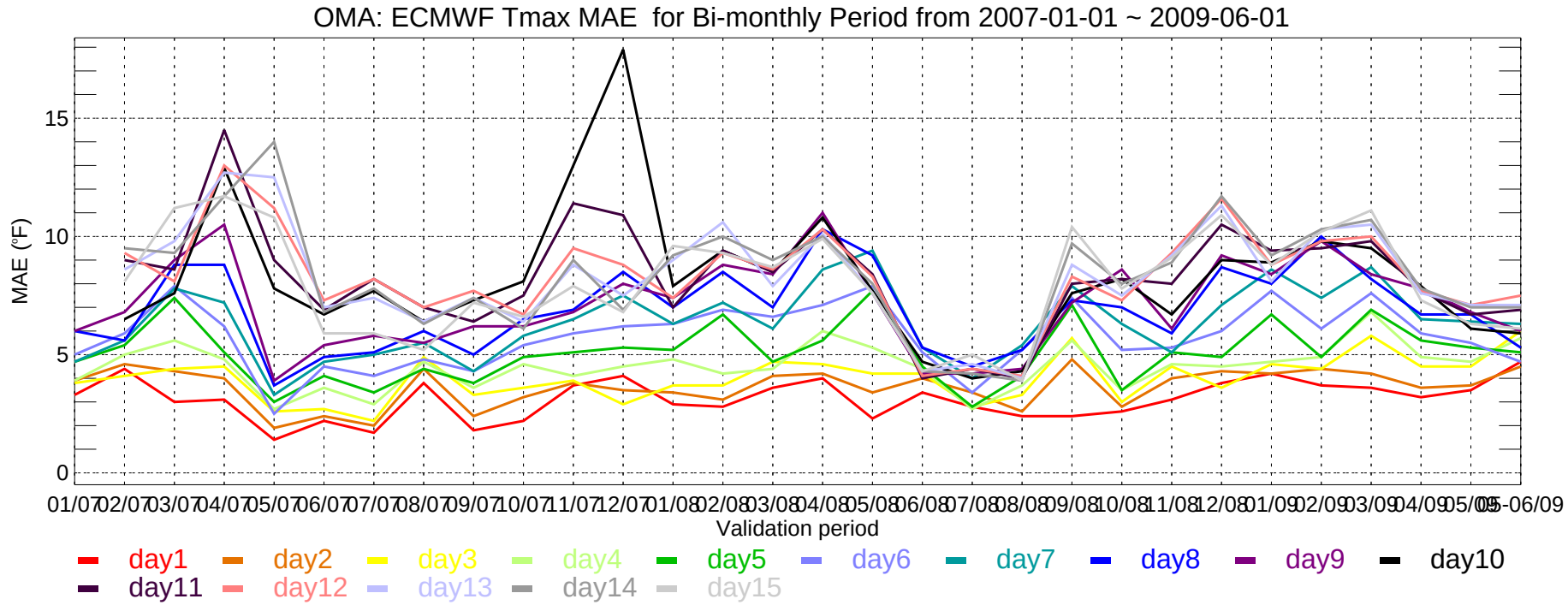

OAK: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

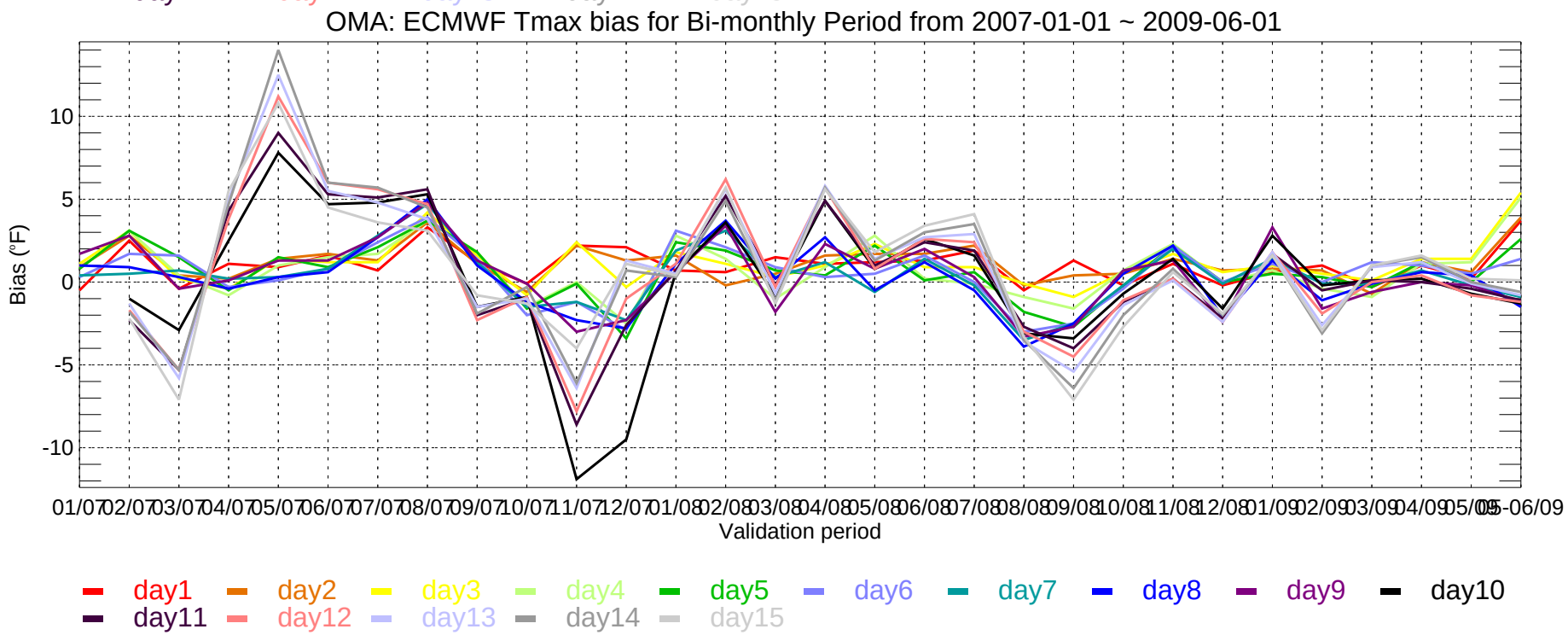

OKC: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

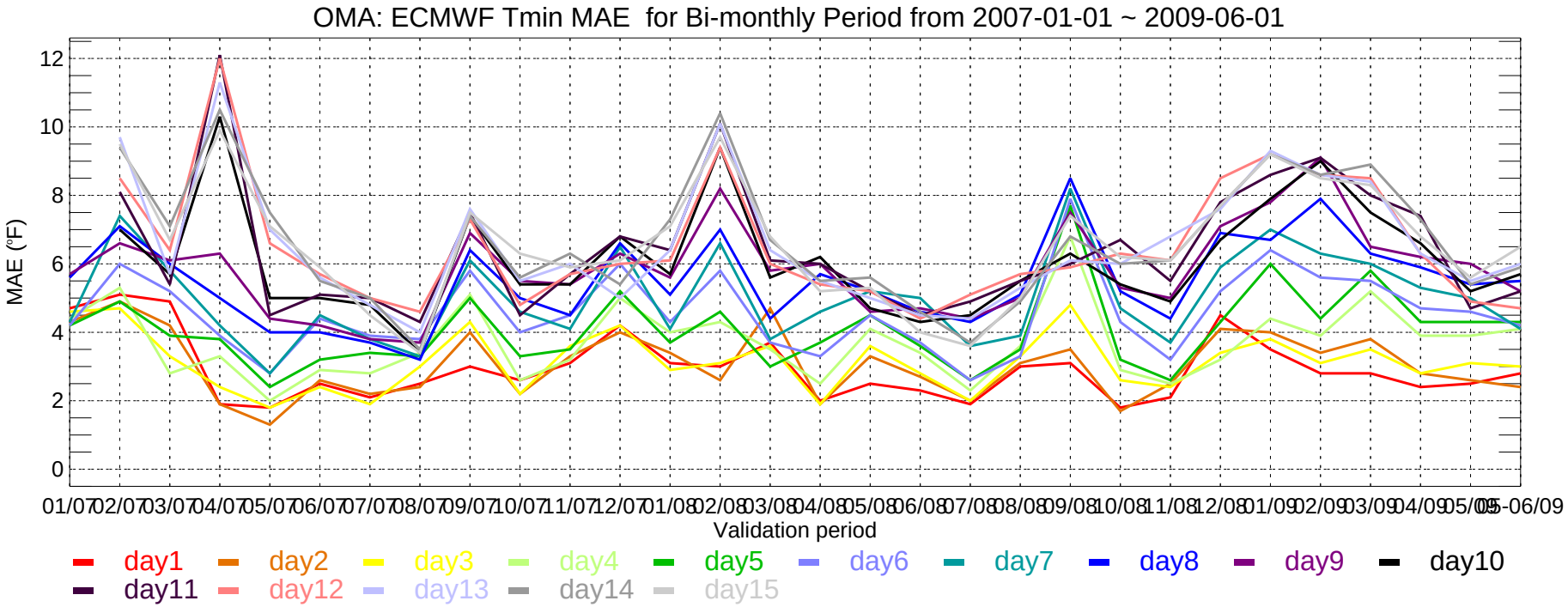

OKC: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

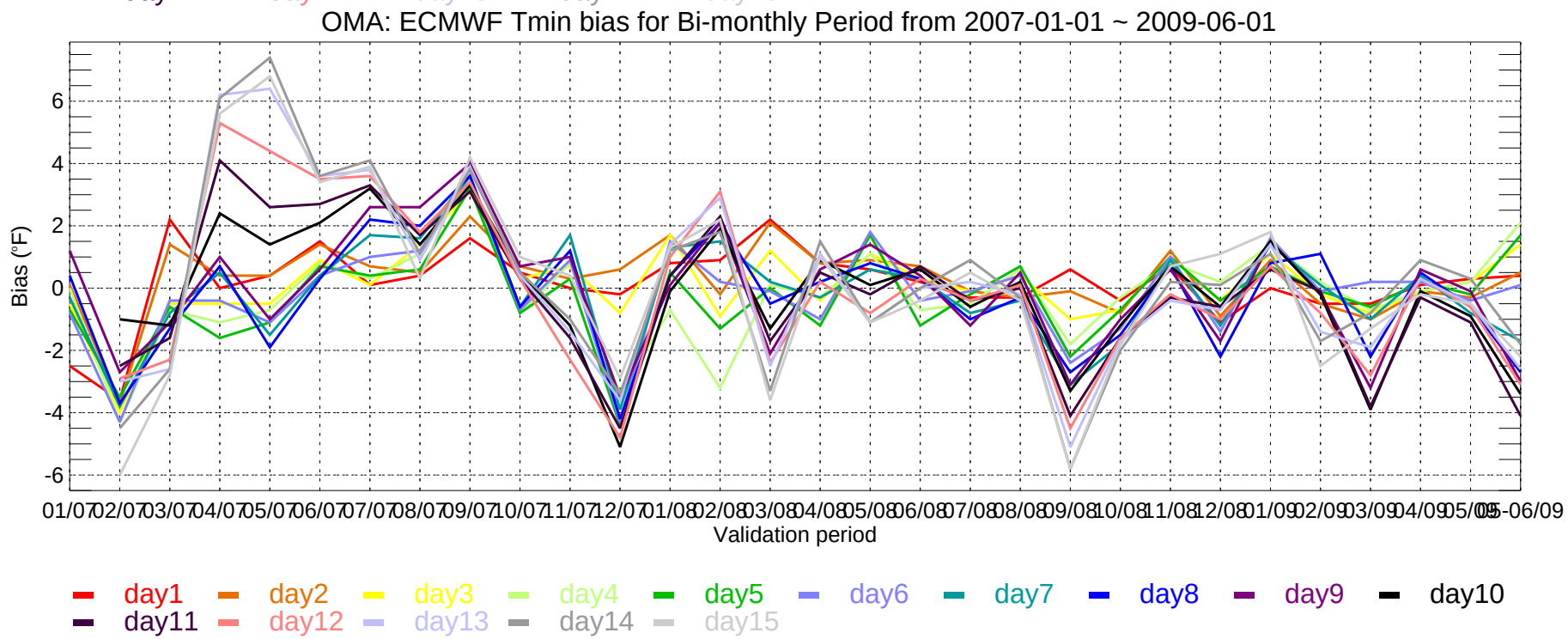

OKC: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
day1 day2 day3 day4 day5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

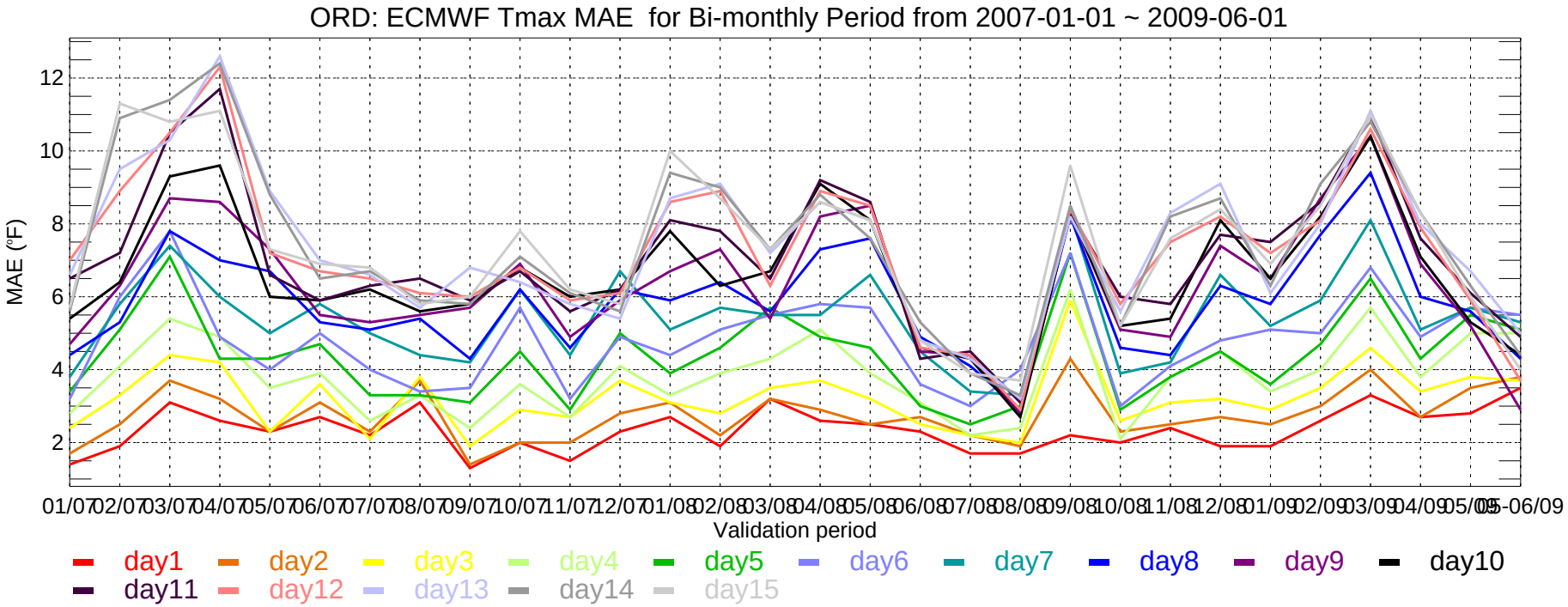

OKC: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
day1 day2 day3 day4 day5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

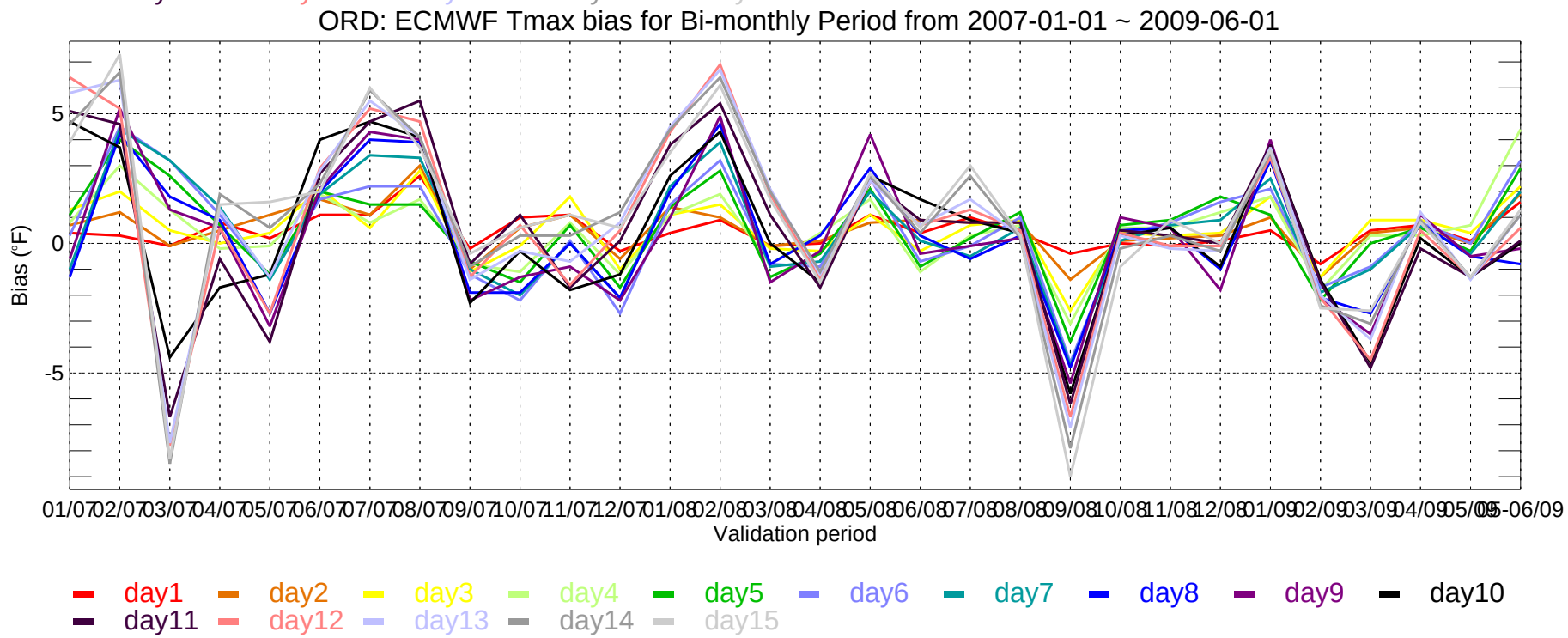

OMA: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

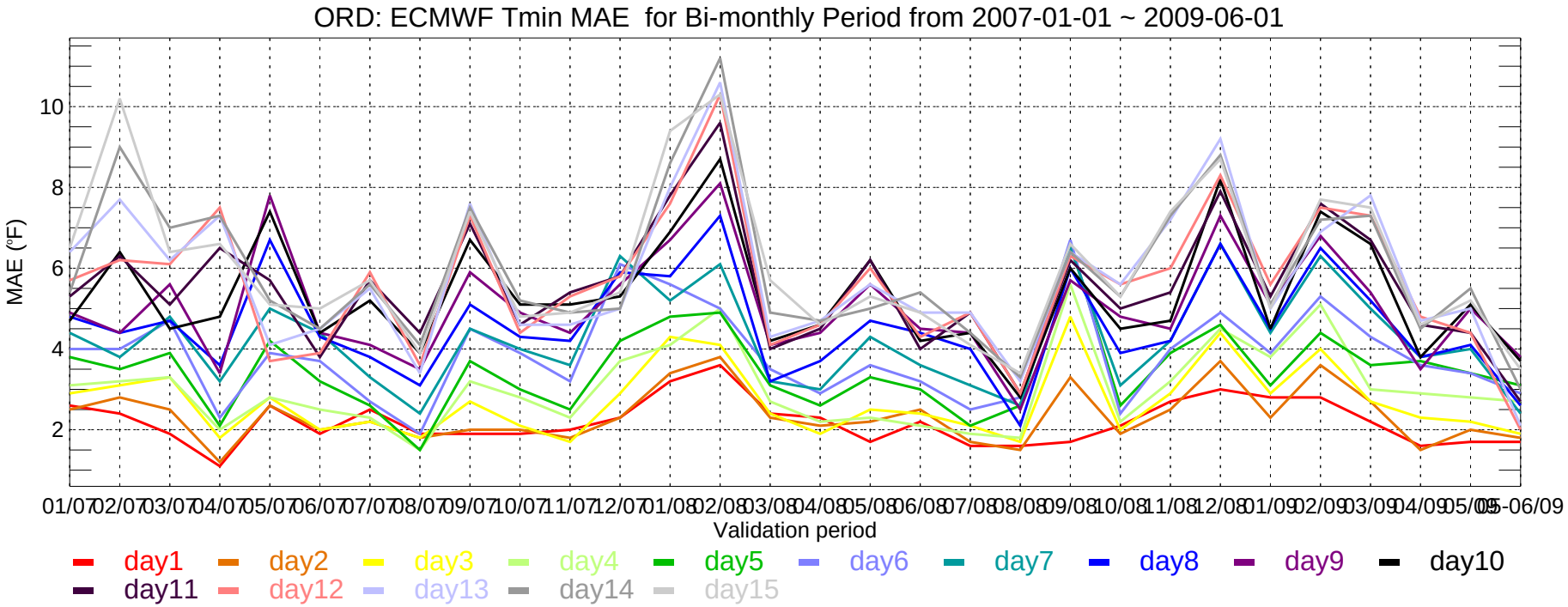

OMA: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

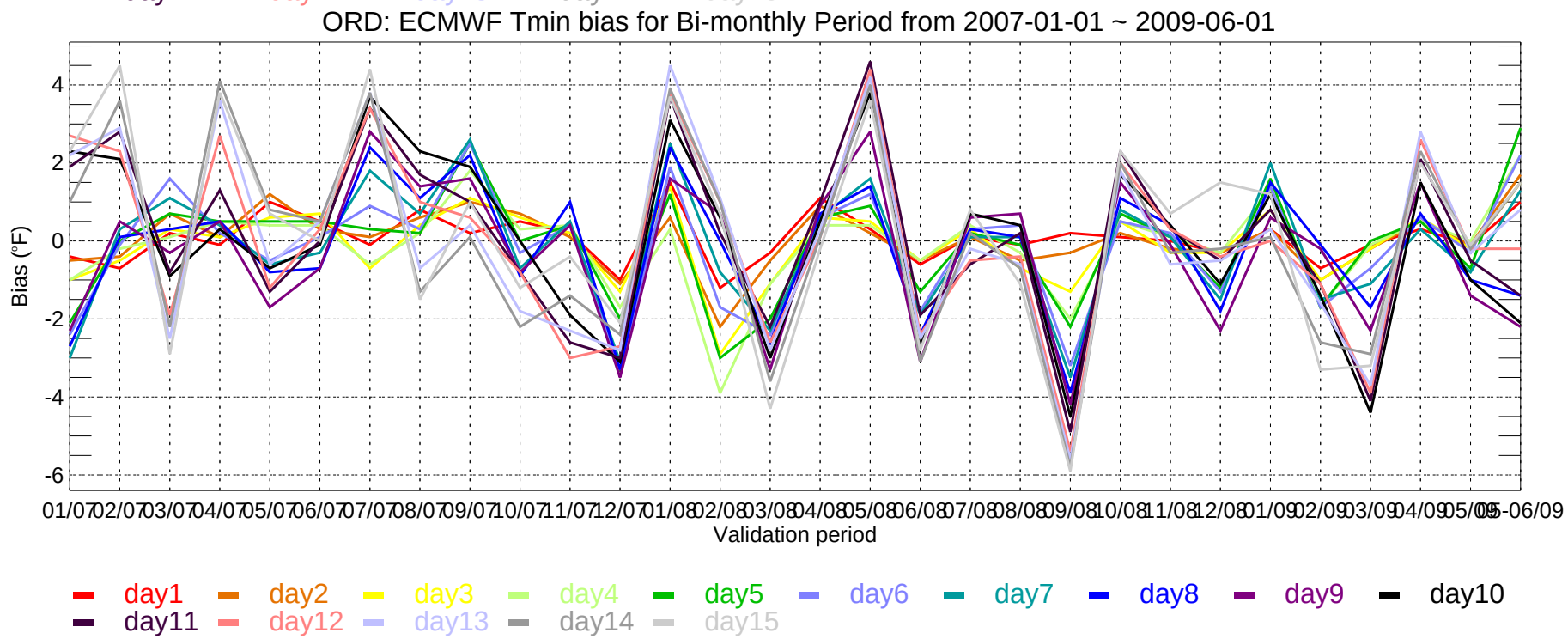

OMA: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

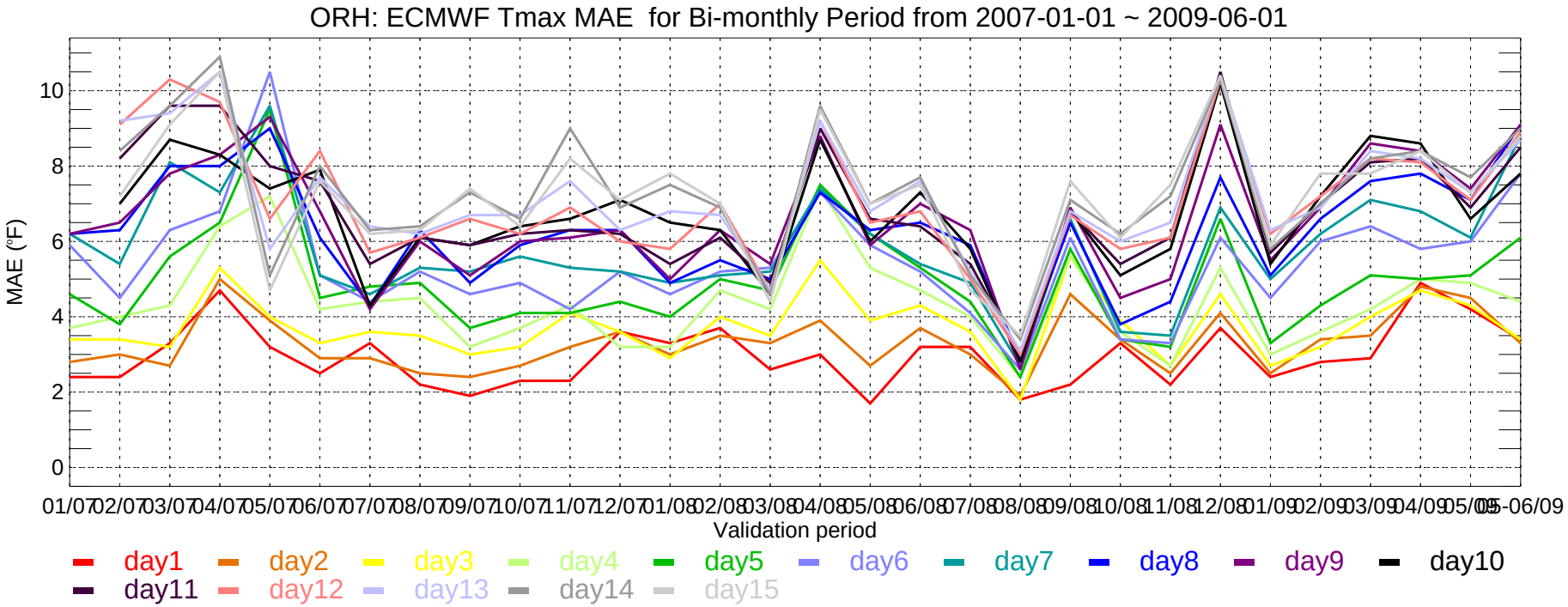

OMA: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

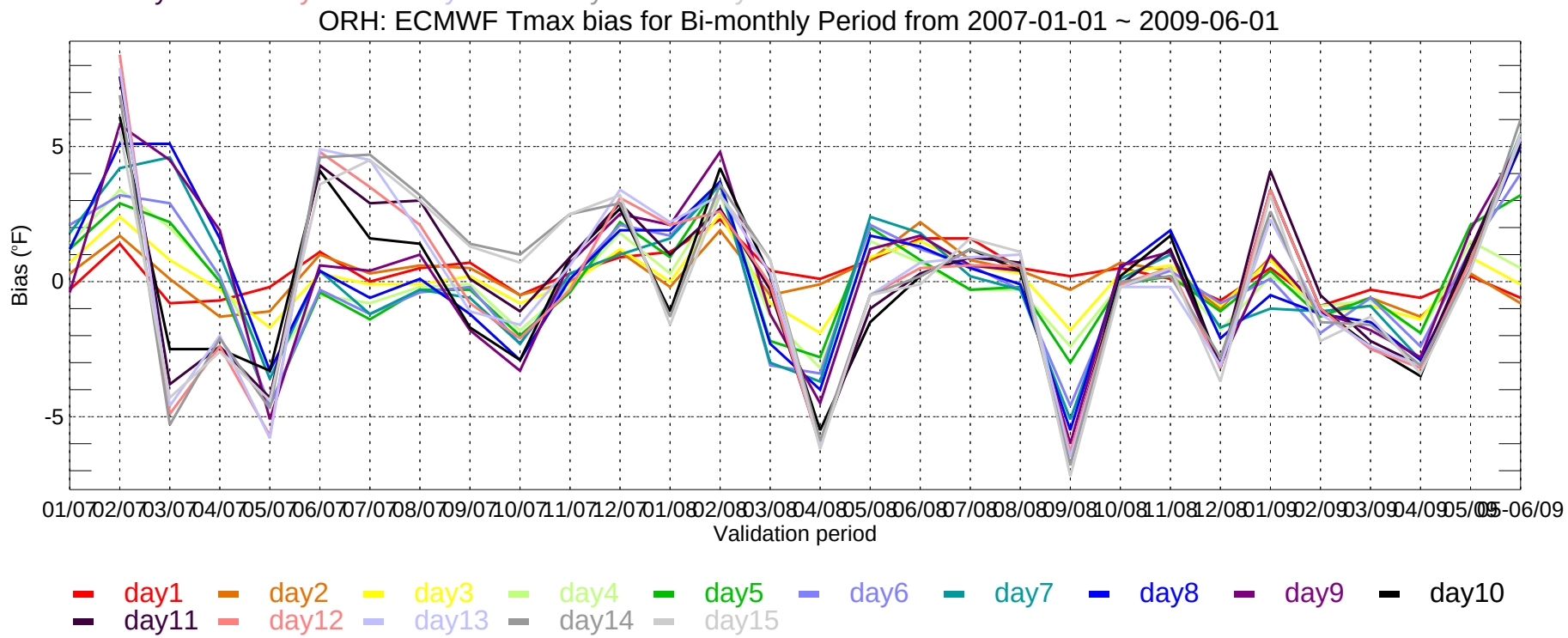

ORD: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

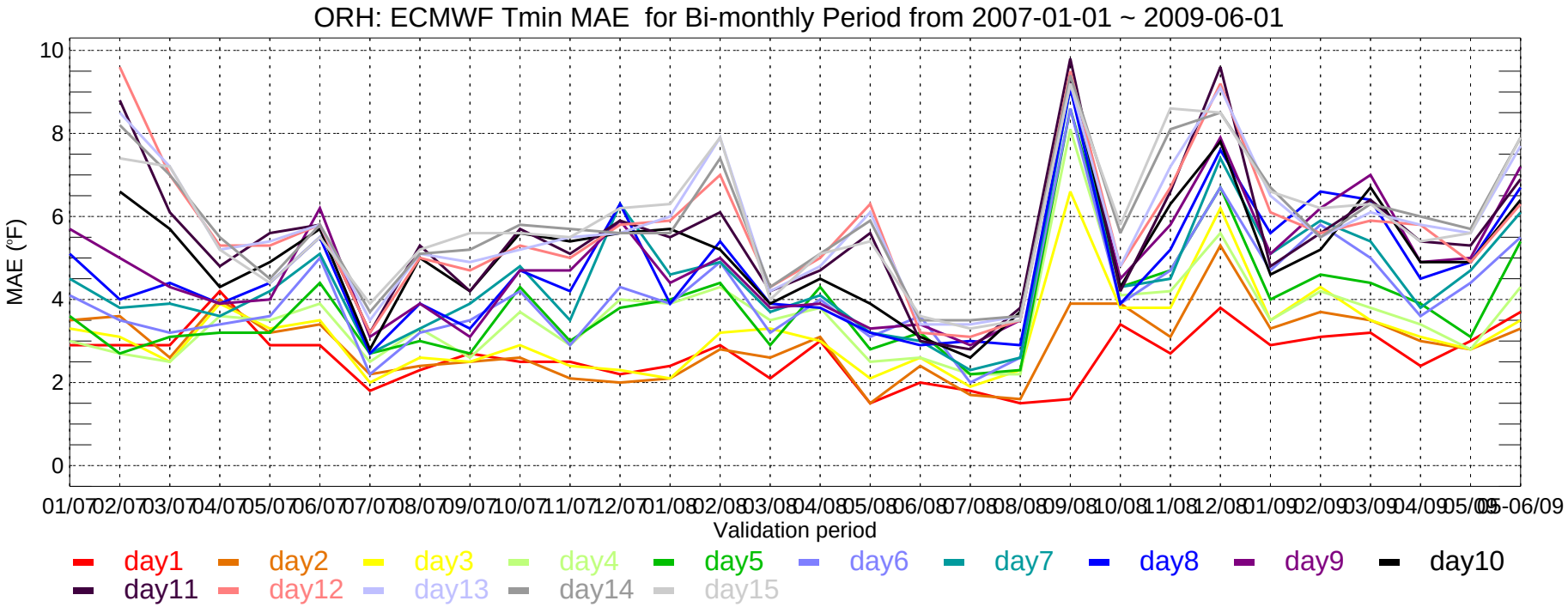

ORD: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

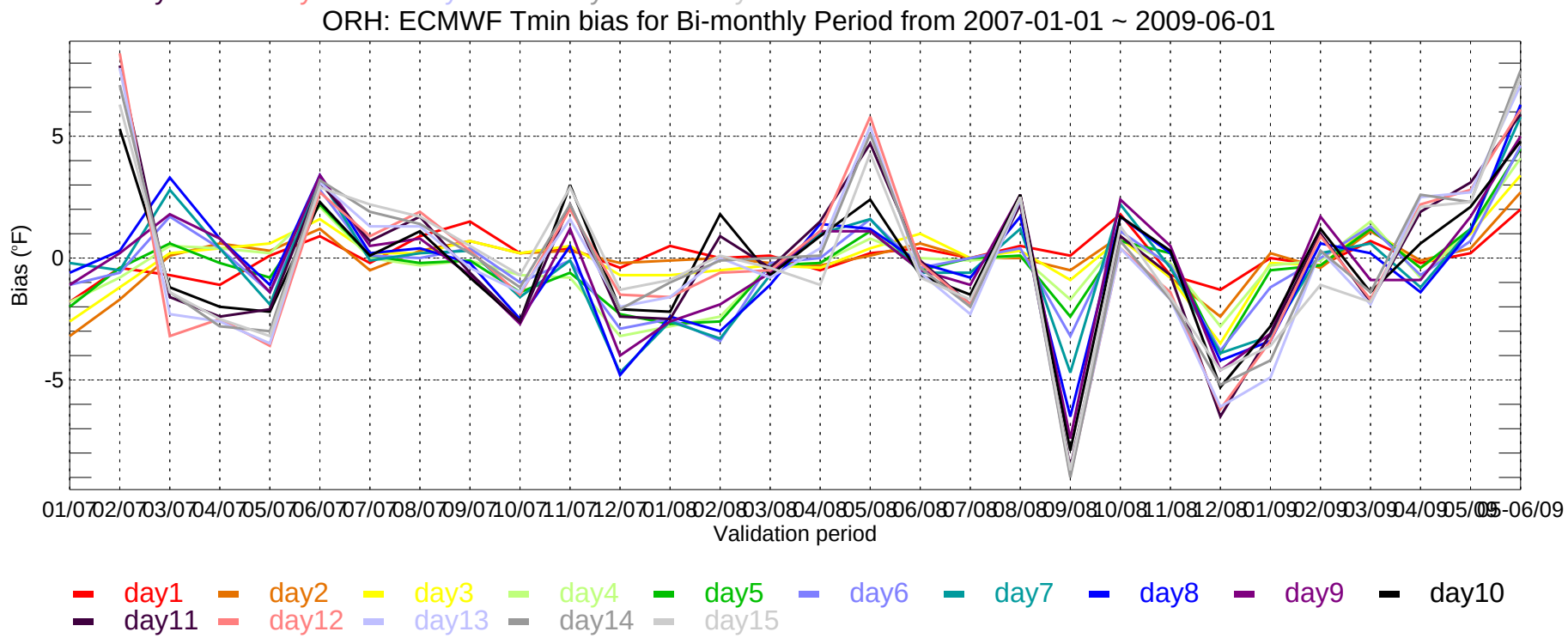

ORD: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

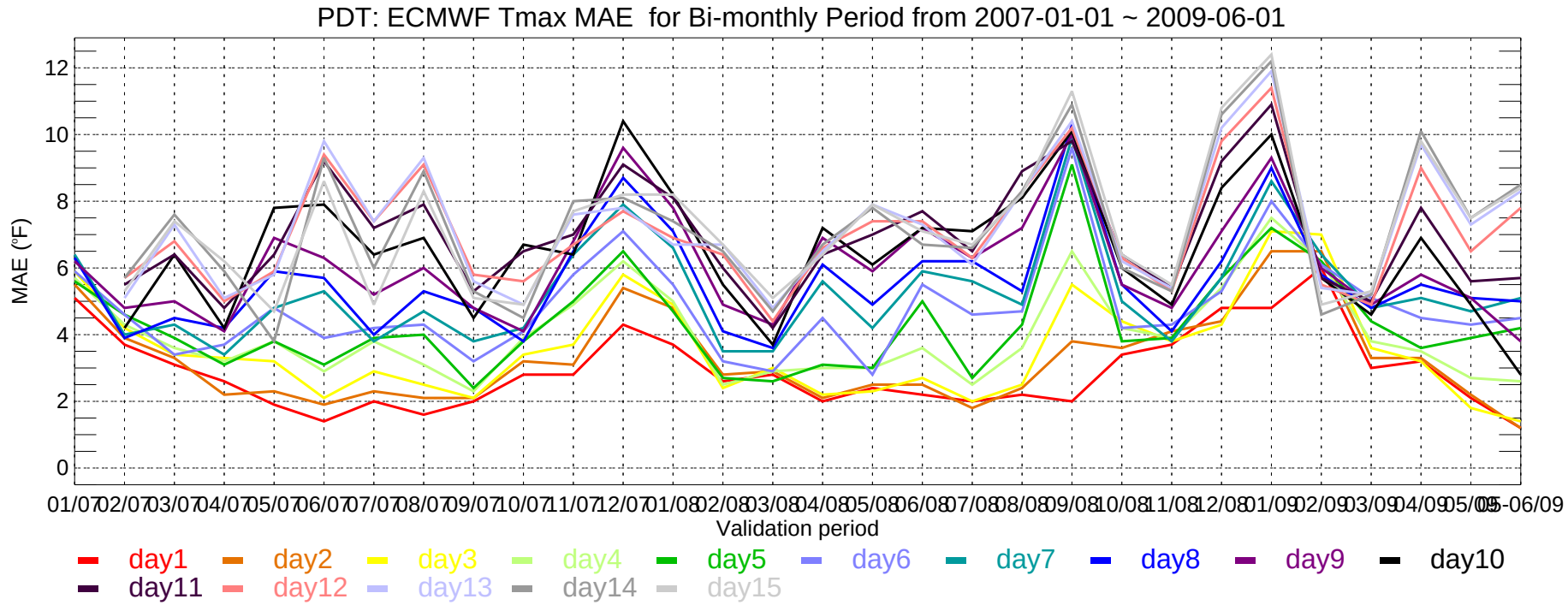

ORD: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

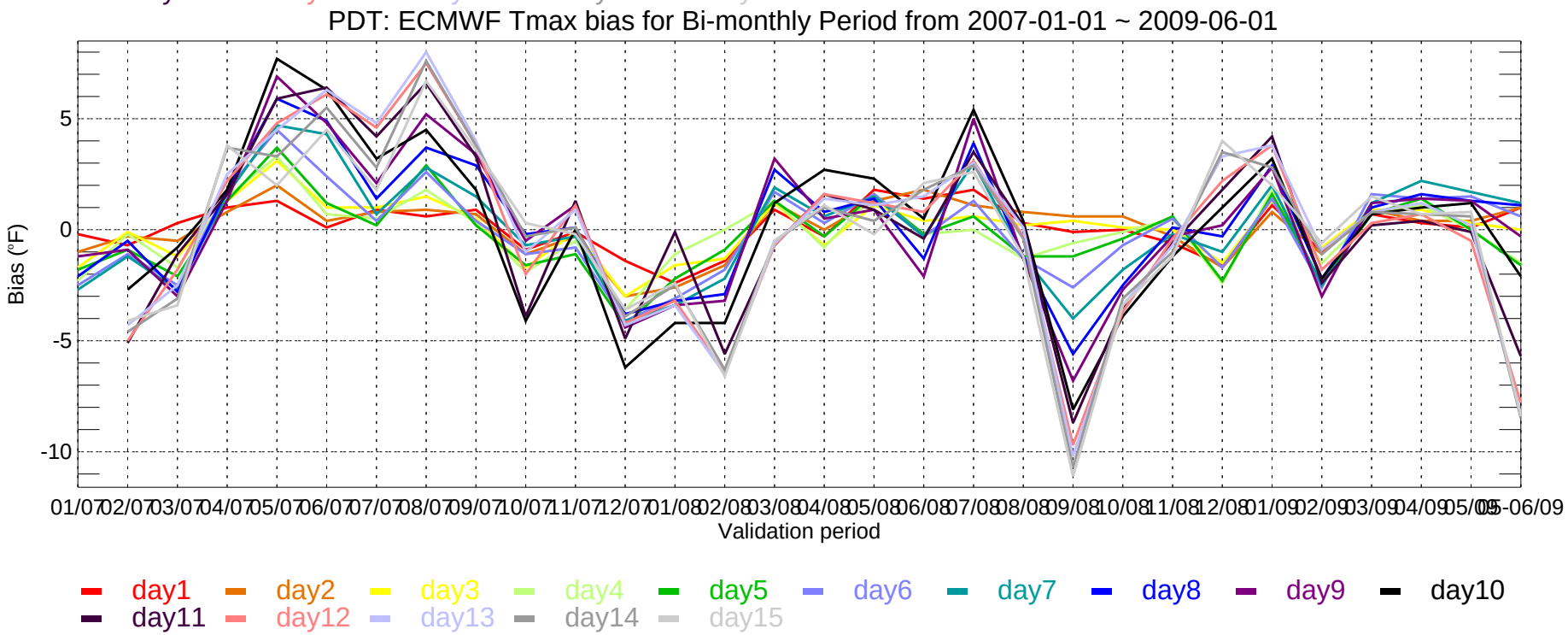

ORH: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

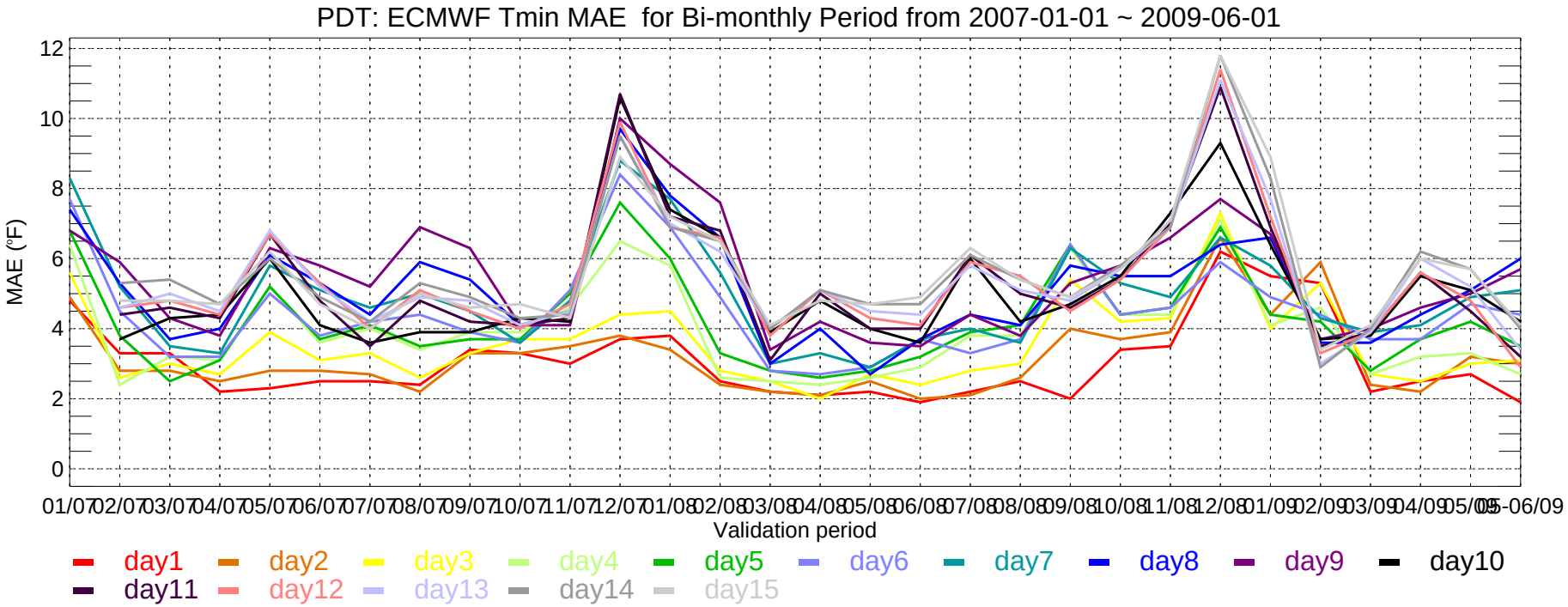

ORH: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

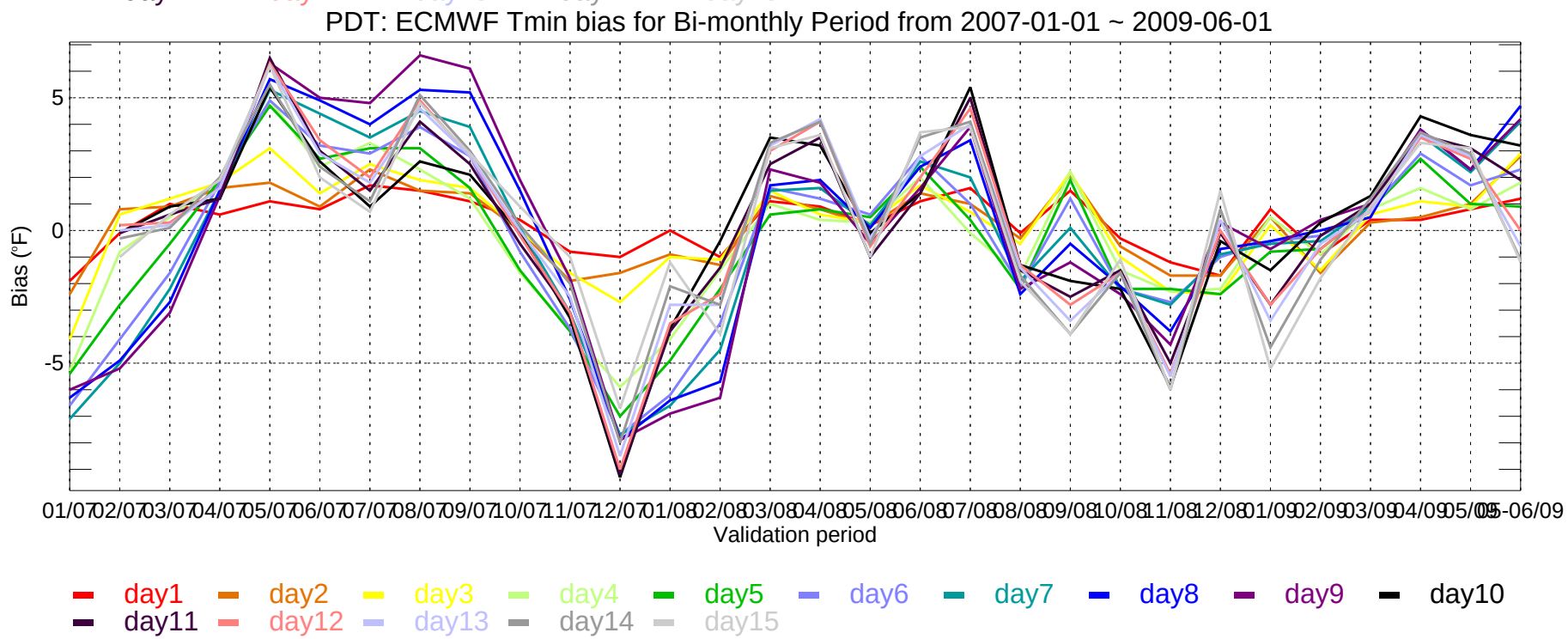

ORH: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

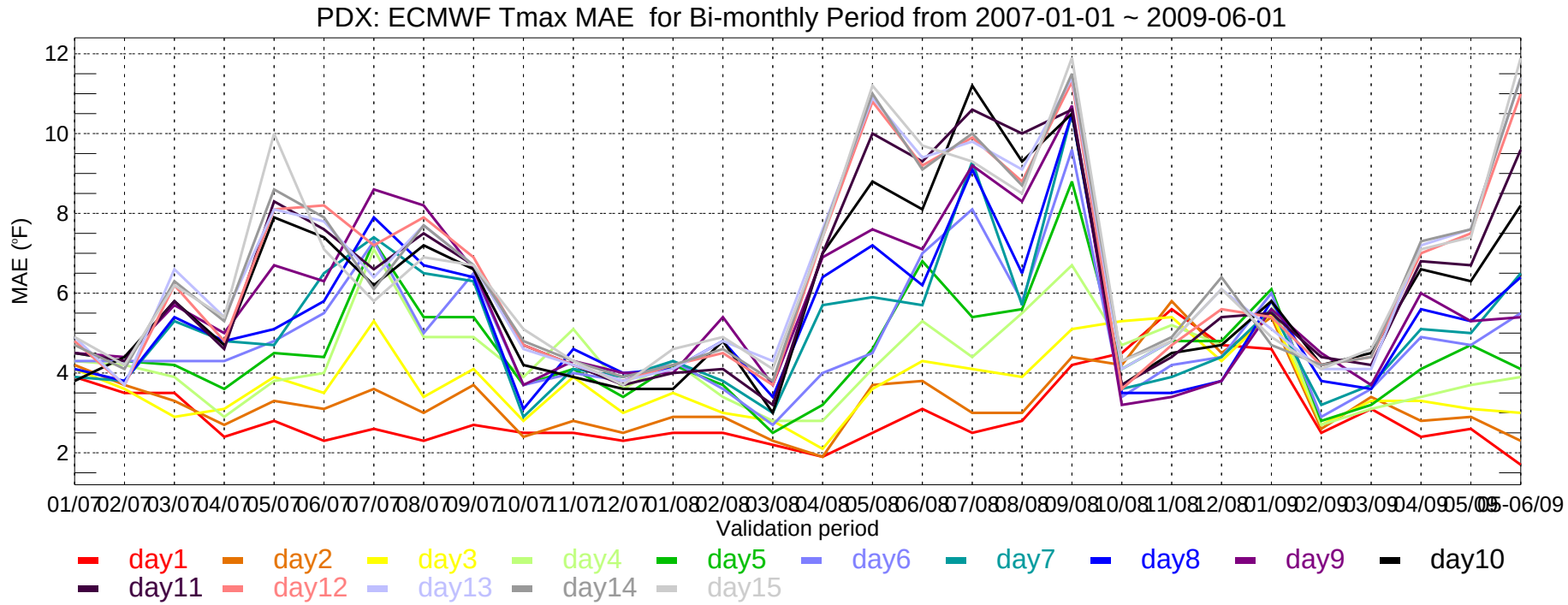

ORH: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

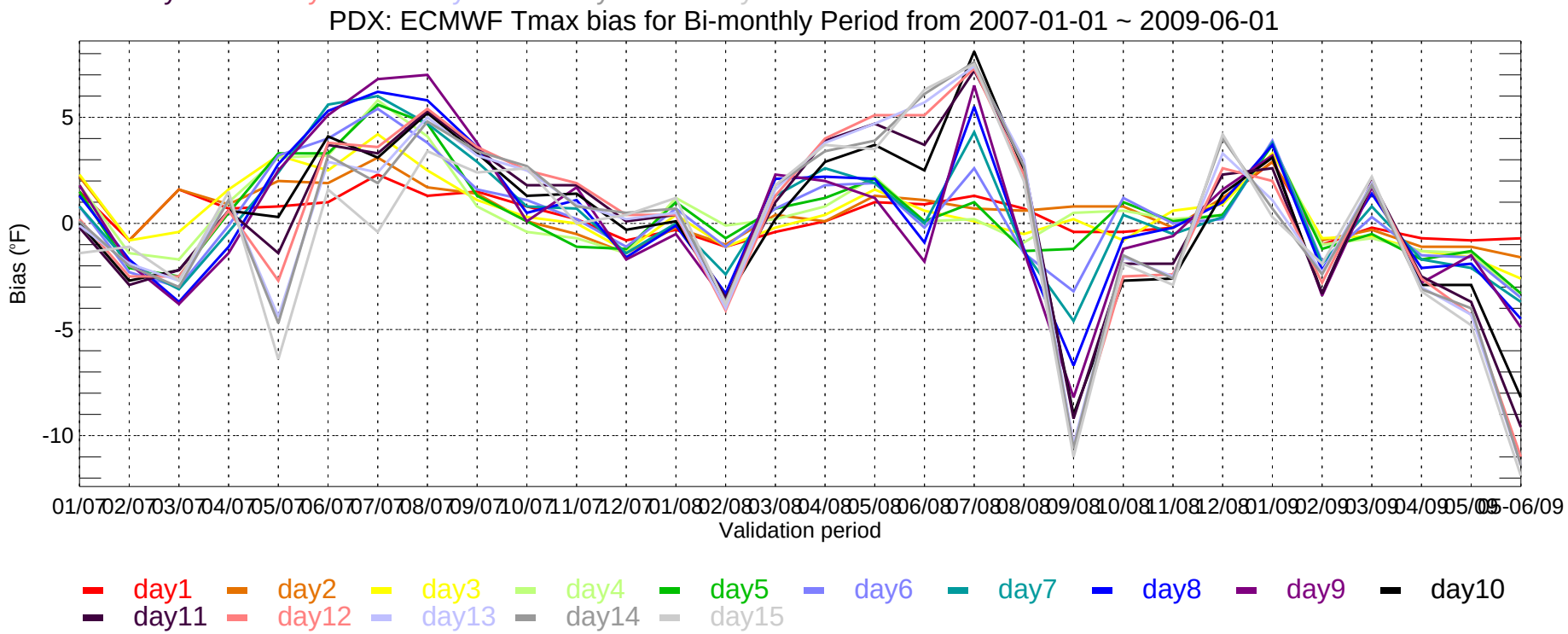

PDT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

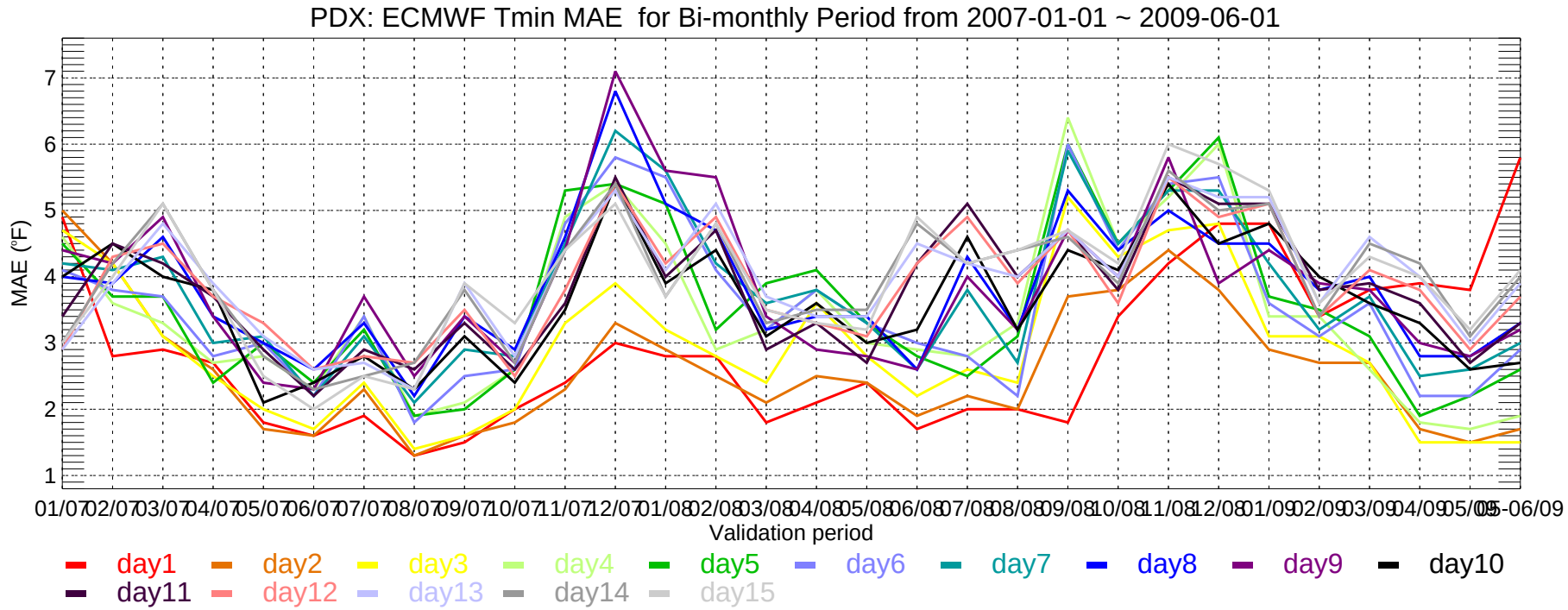

PDT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

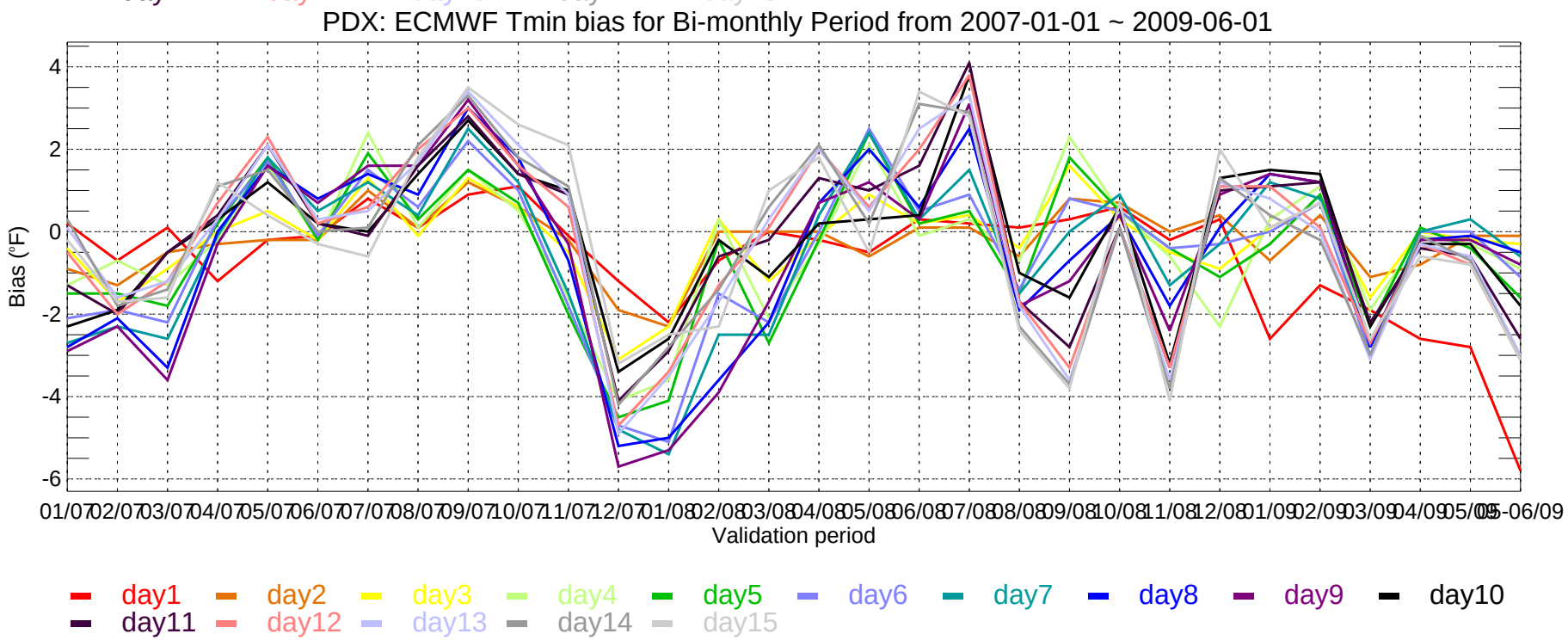

PDT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

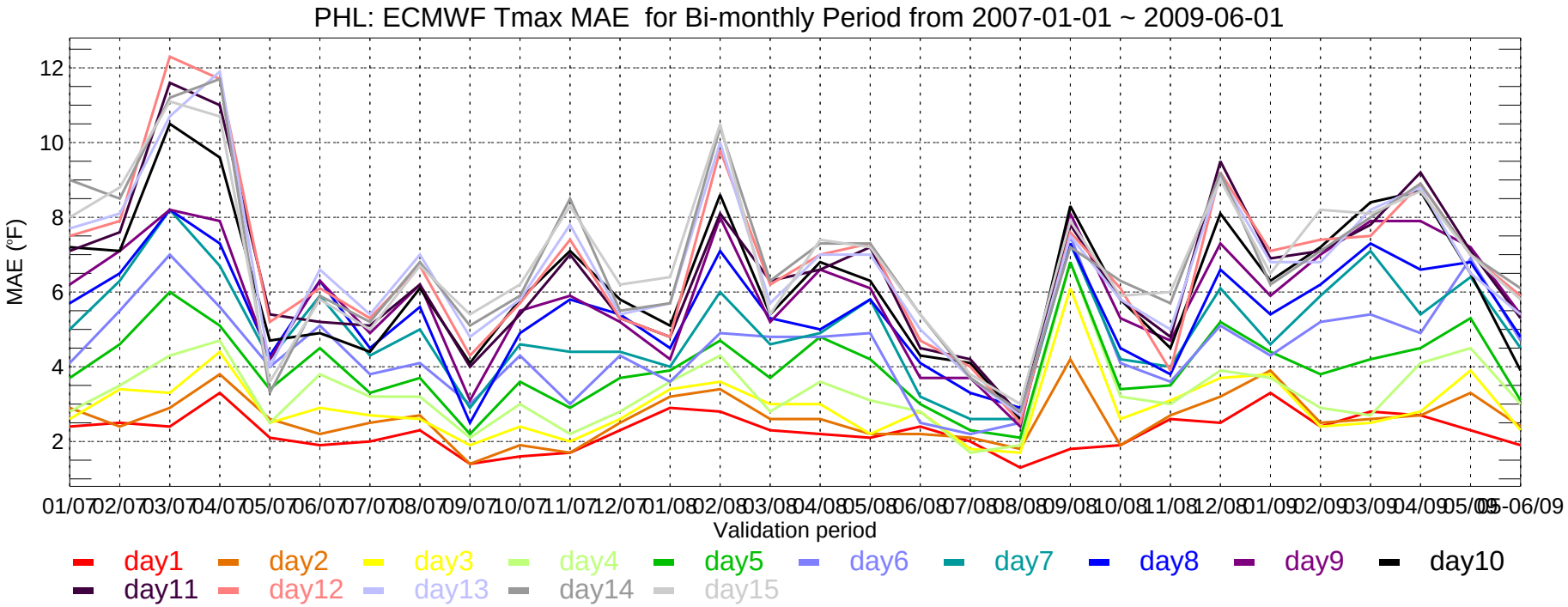

PDT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

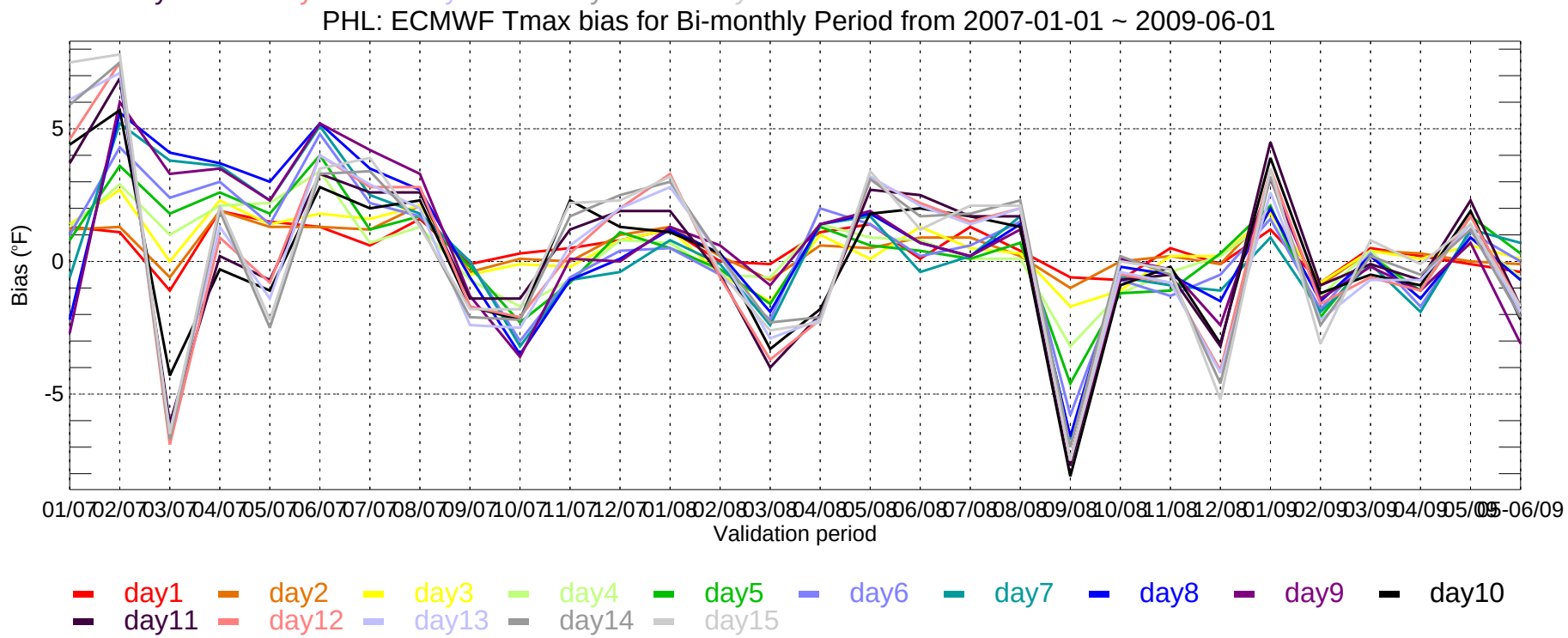

PDX: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

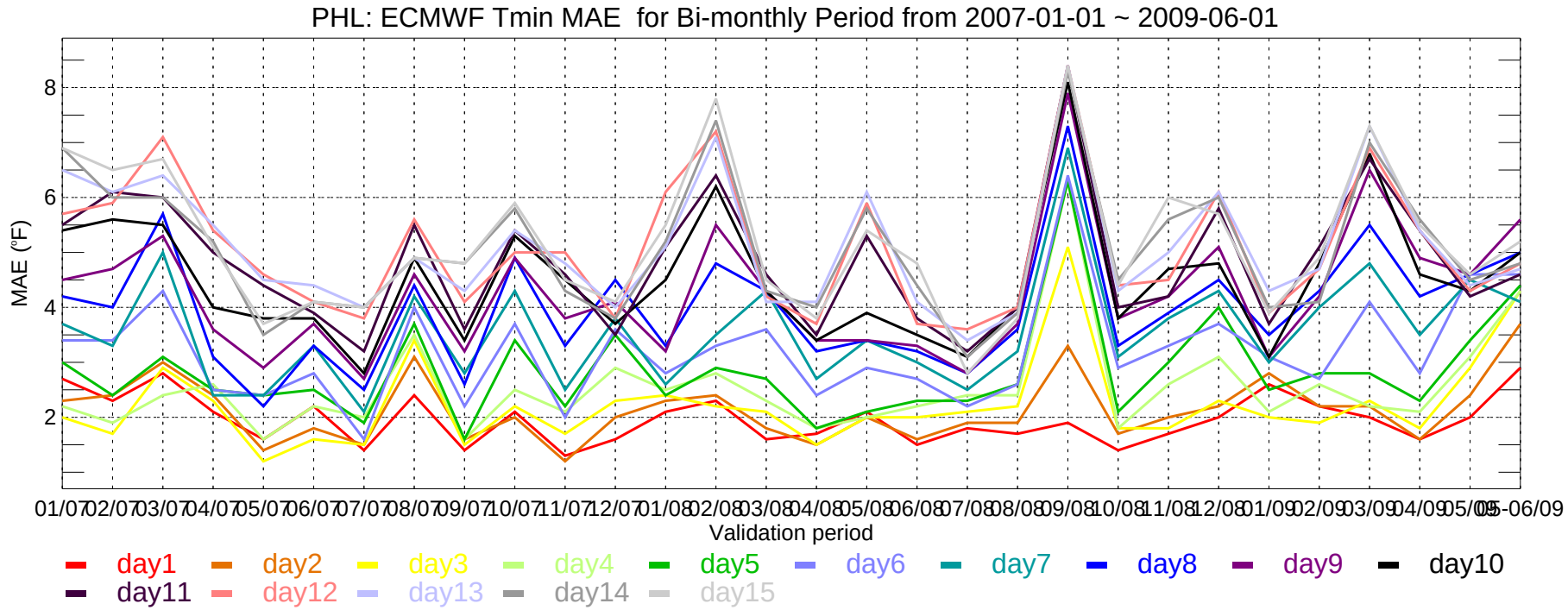

PDX: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

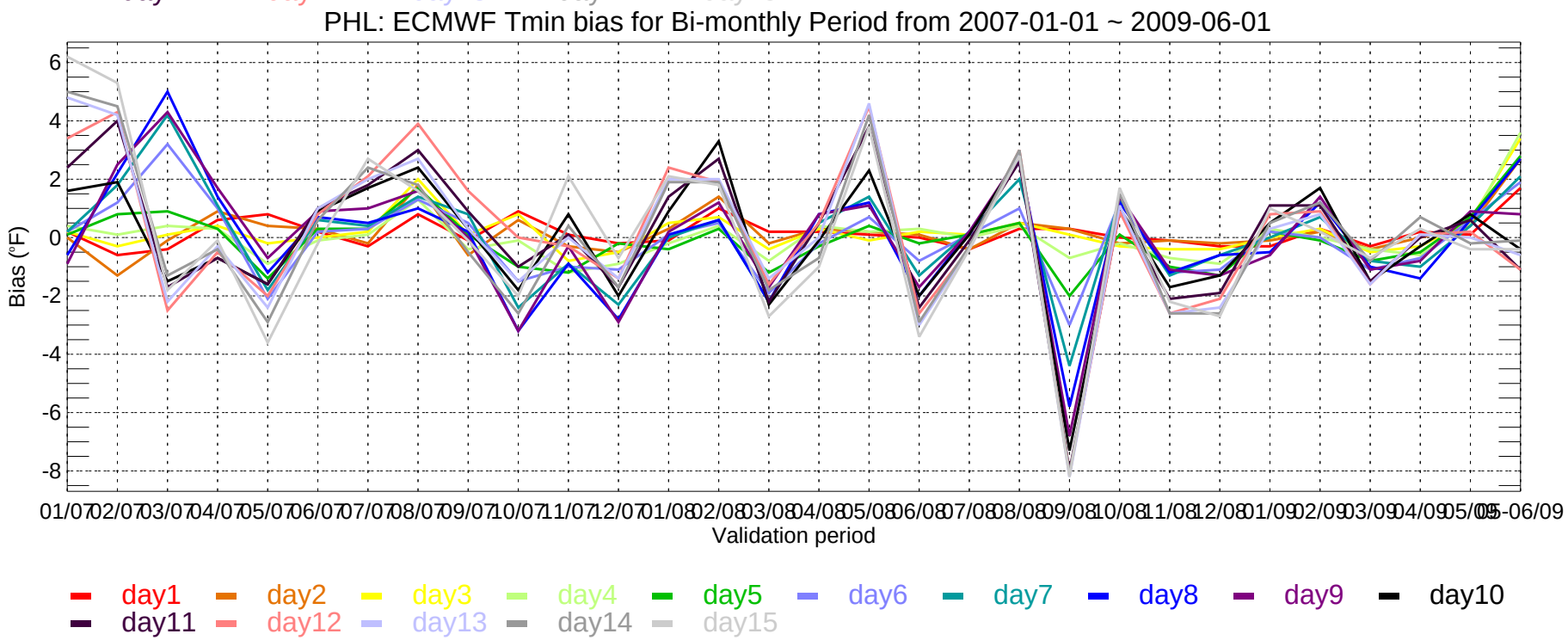

PDX: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

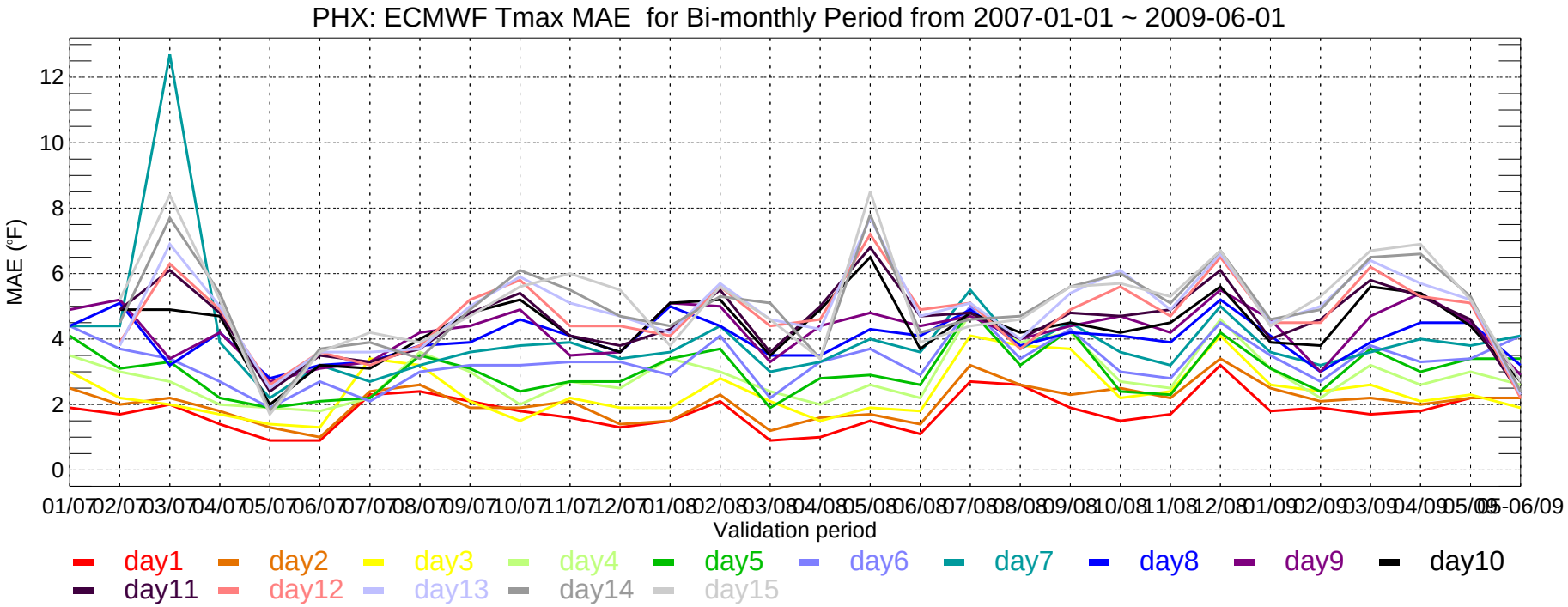

PDX: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

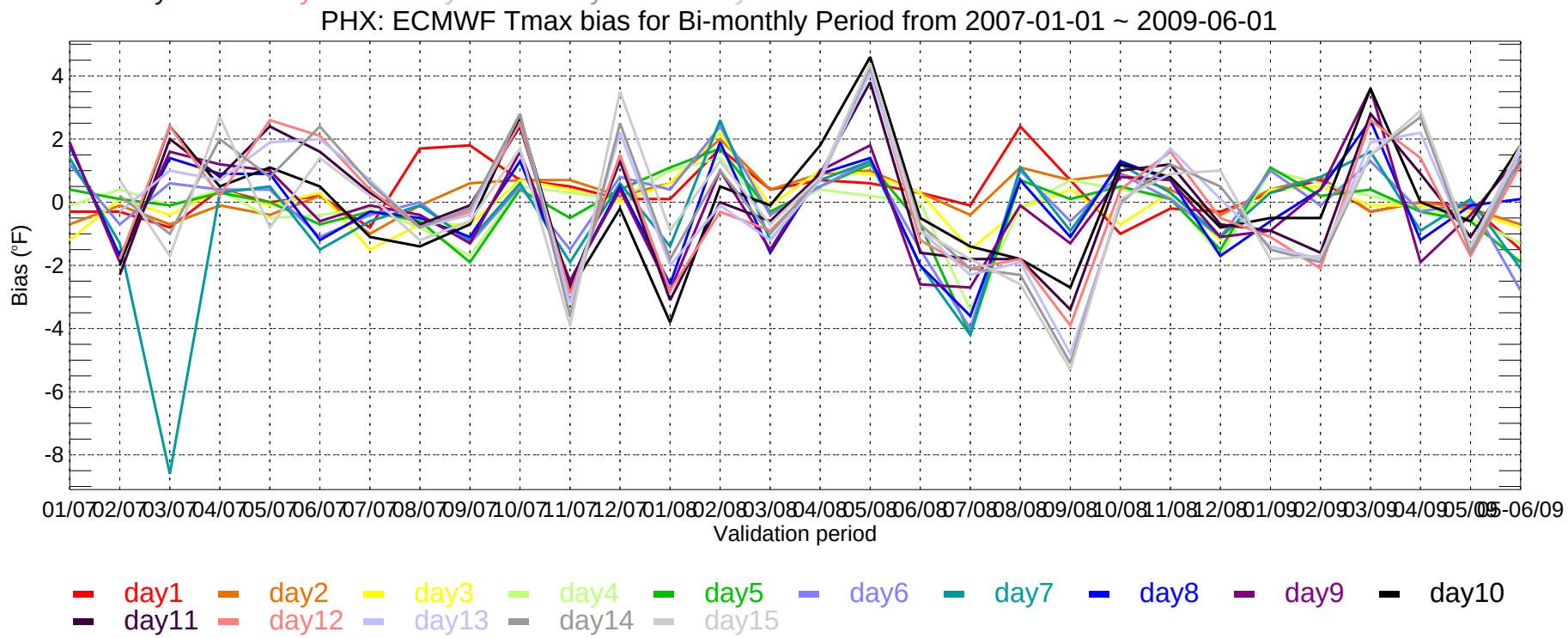

PHL: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

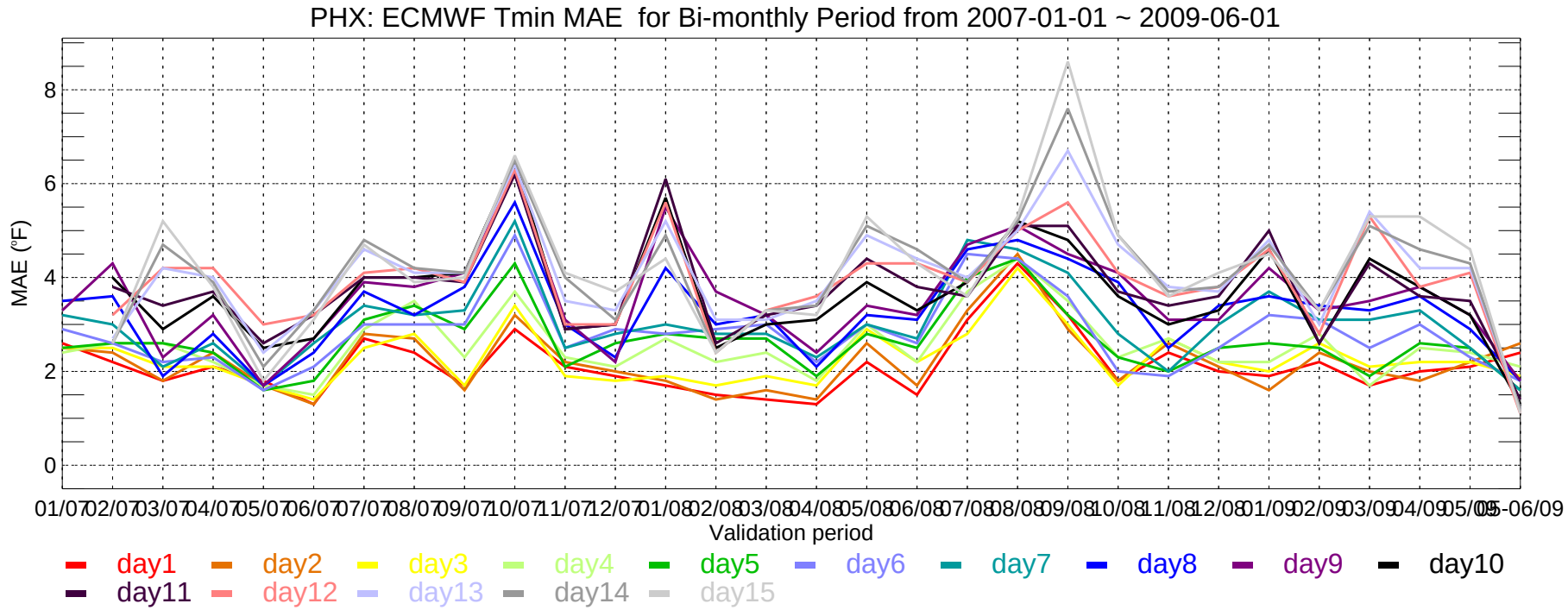

PHL: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

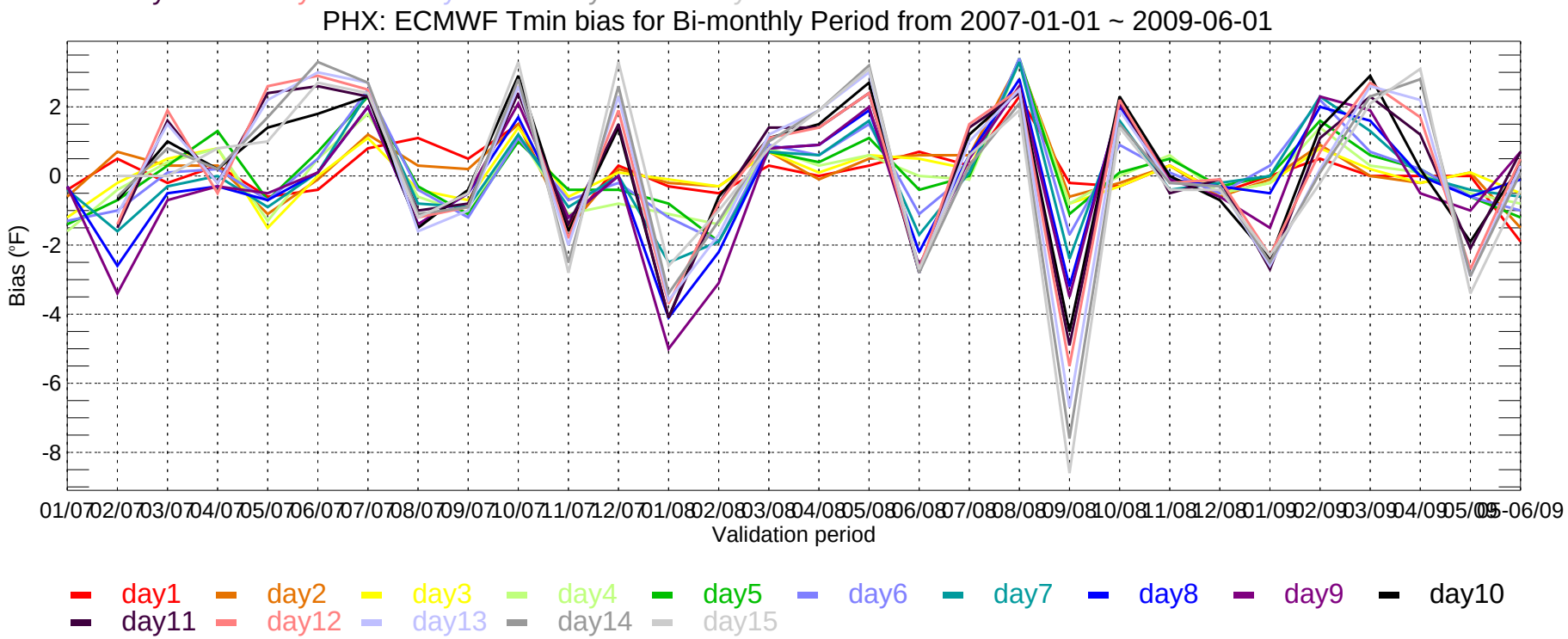

PHL: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

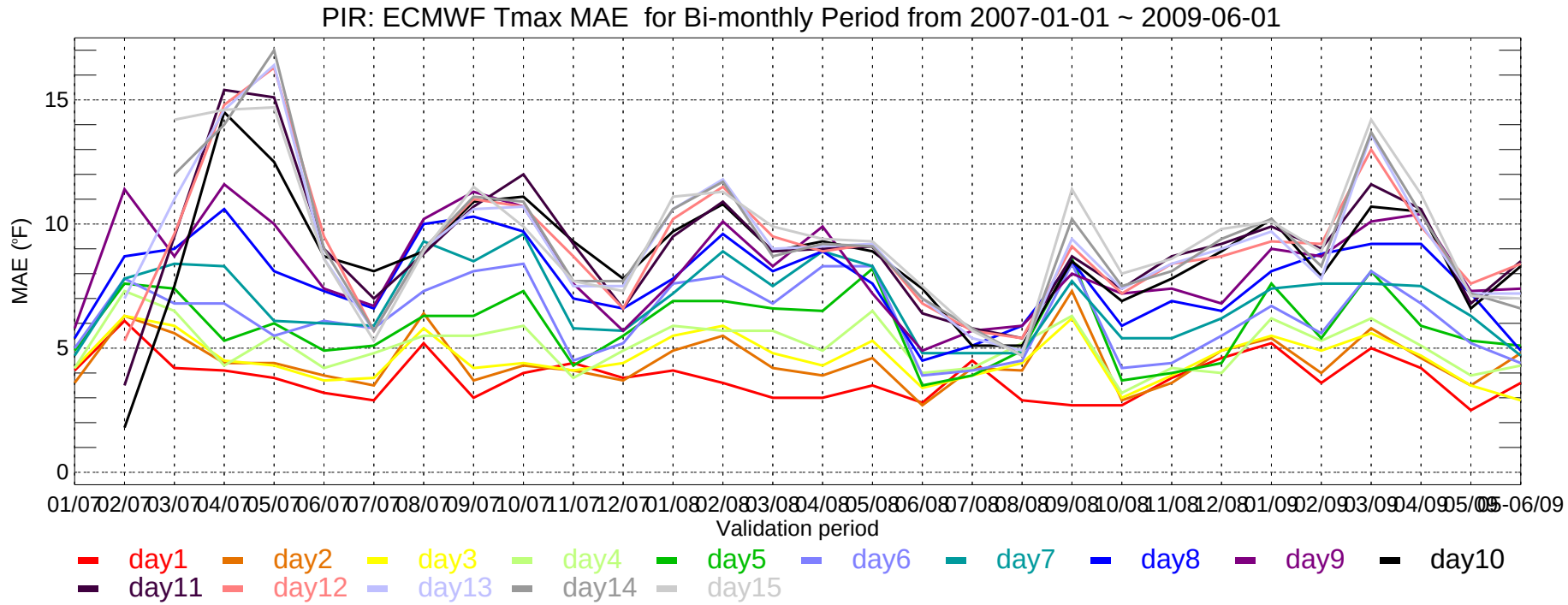

PHL: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

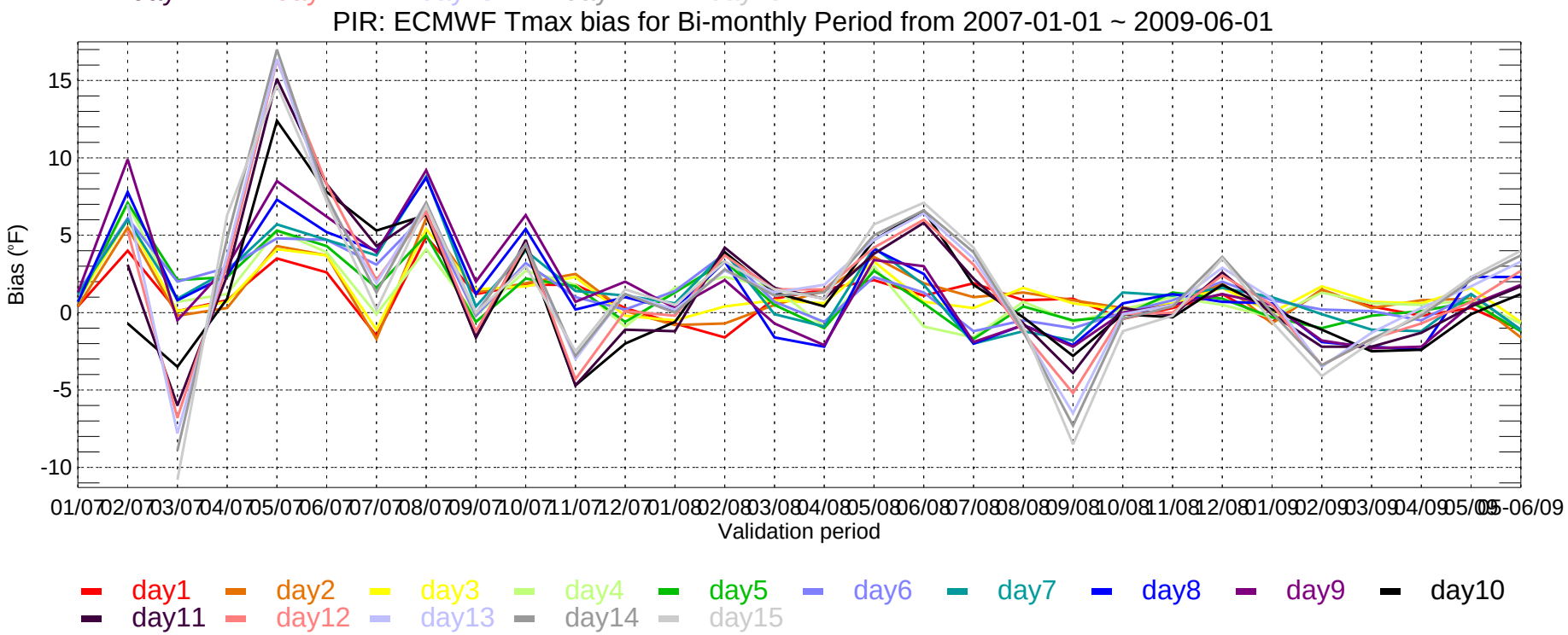

PHX: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

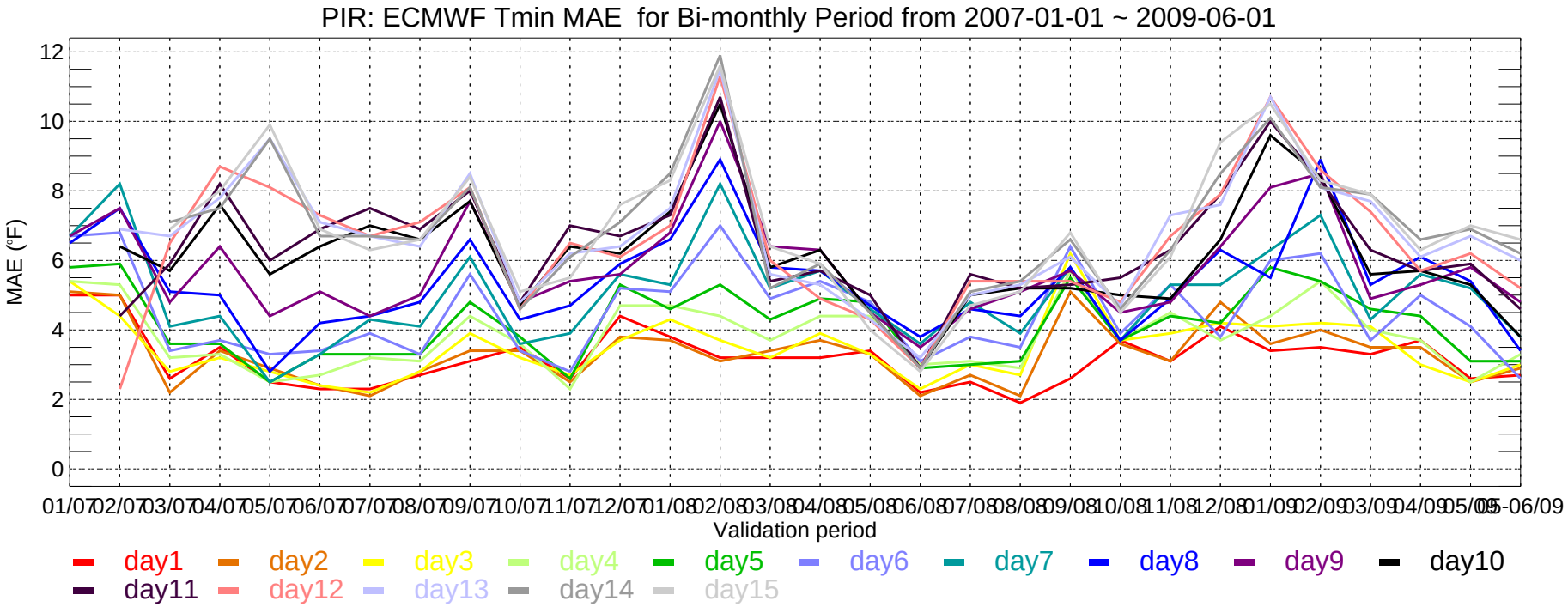

PHX: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

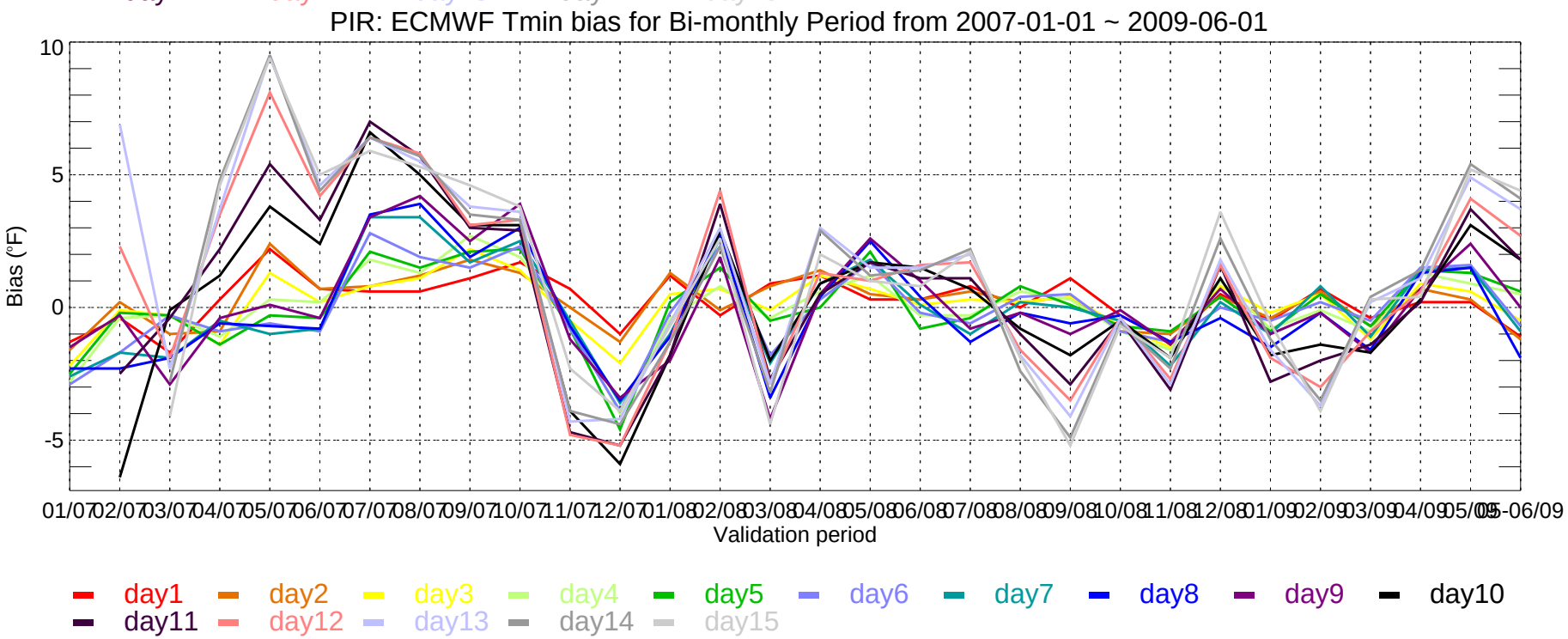

PHX: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

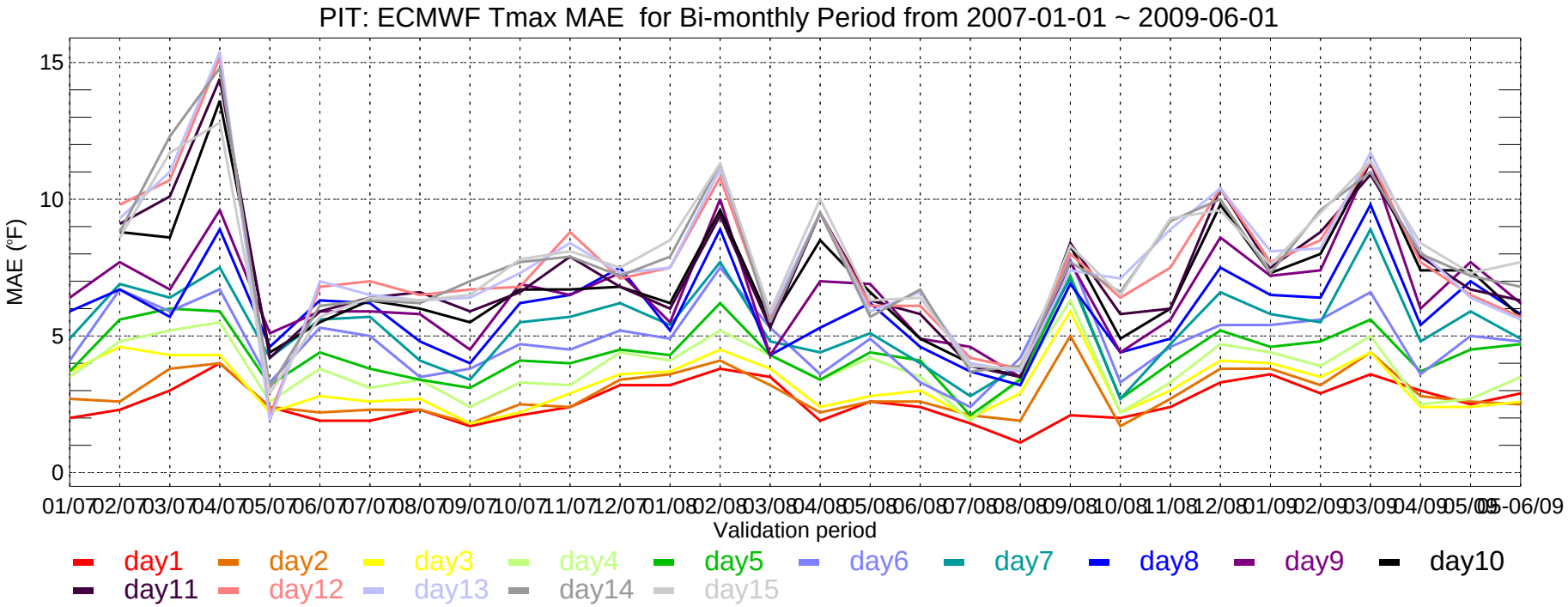

PHX: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

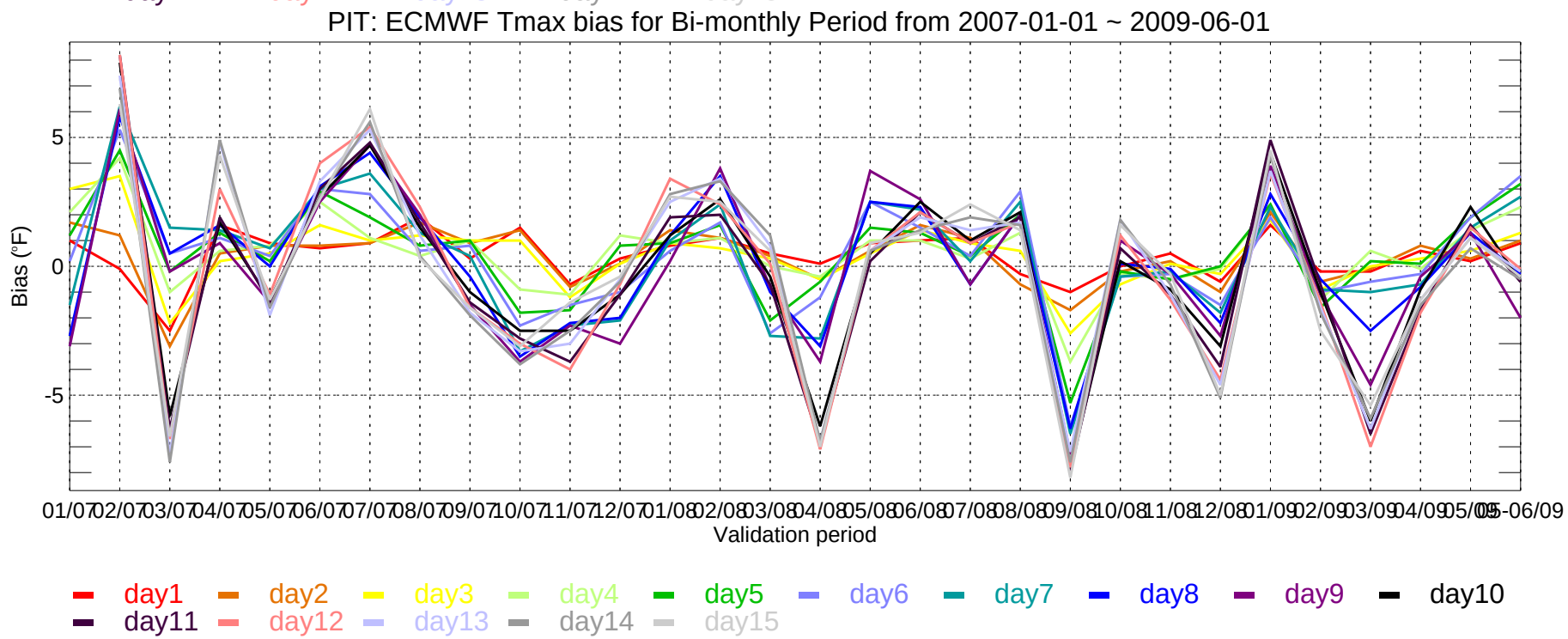

PIR: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

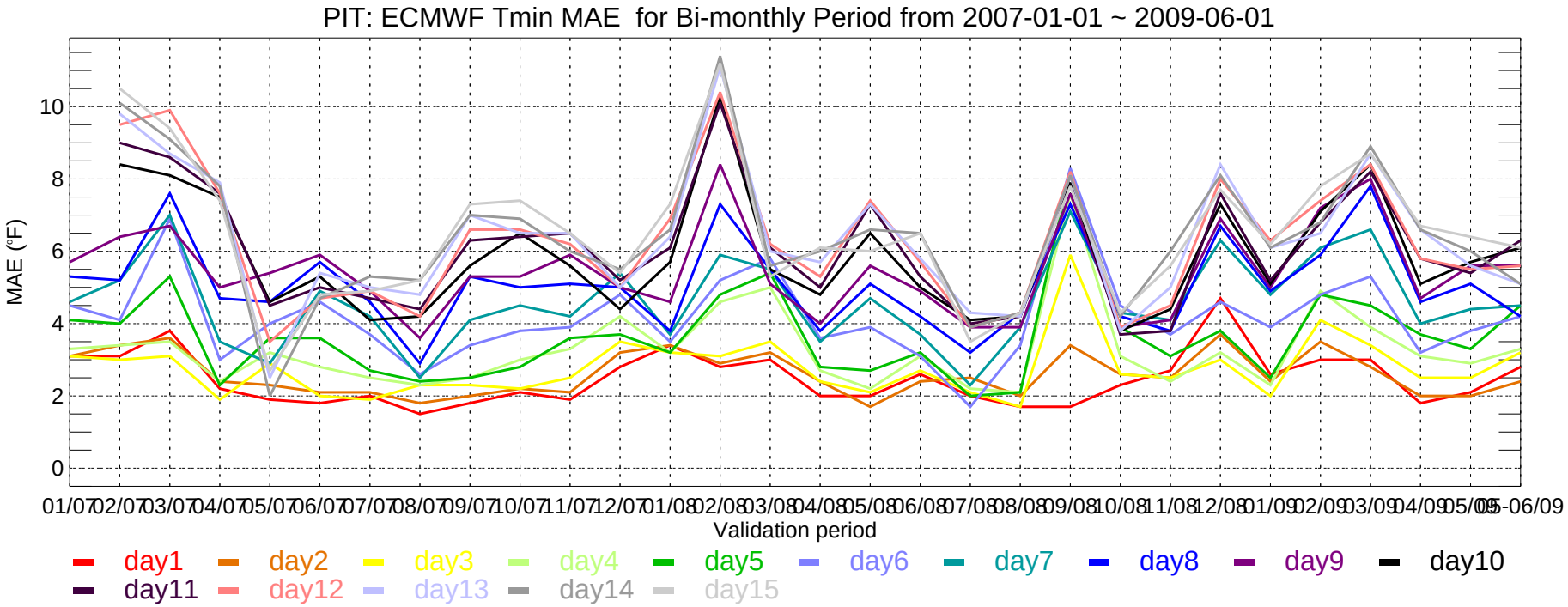

PIR: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
15
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

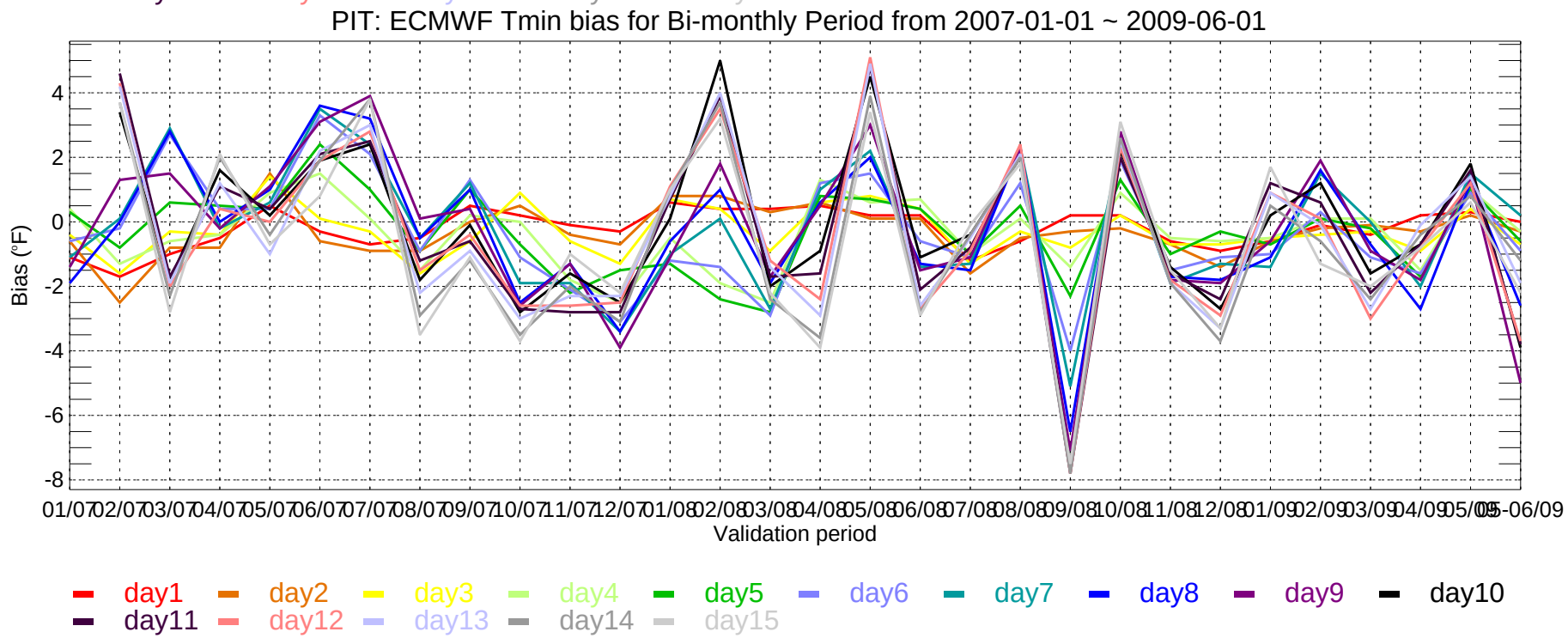

PIR: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

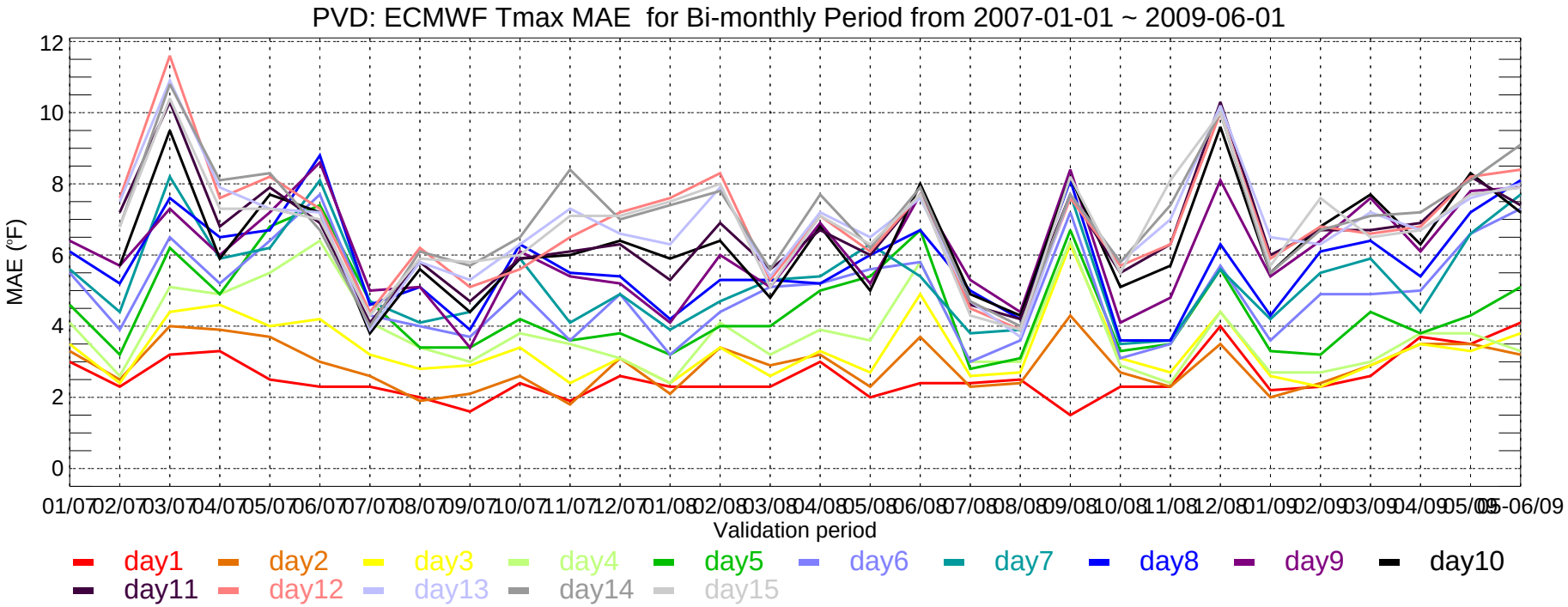

PIR: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

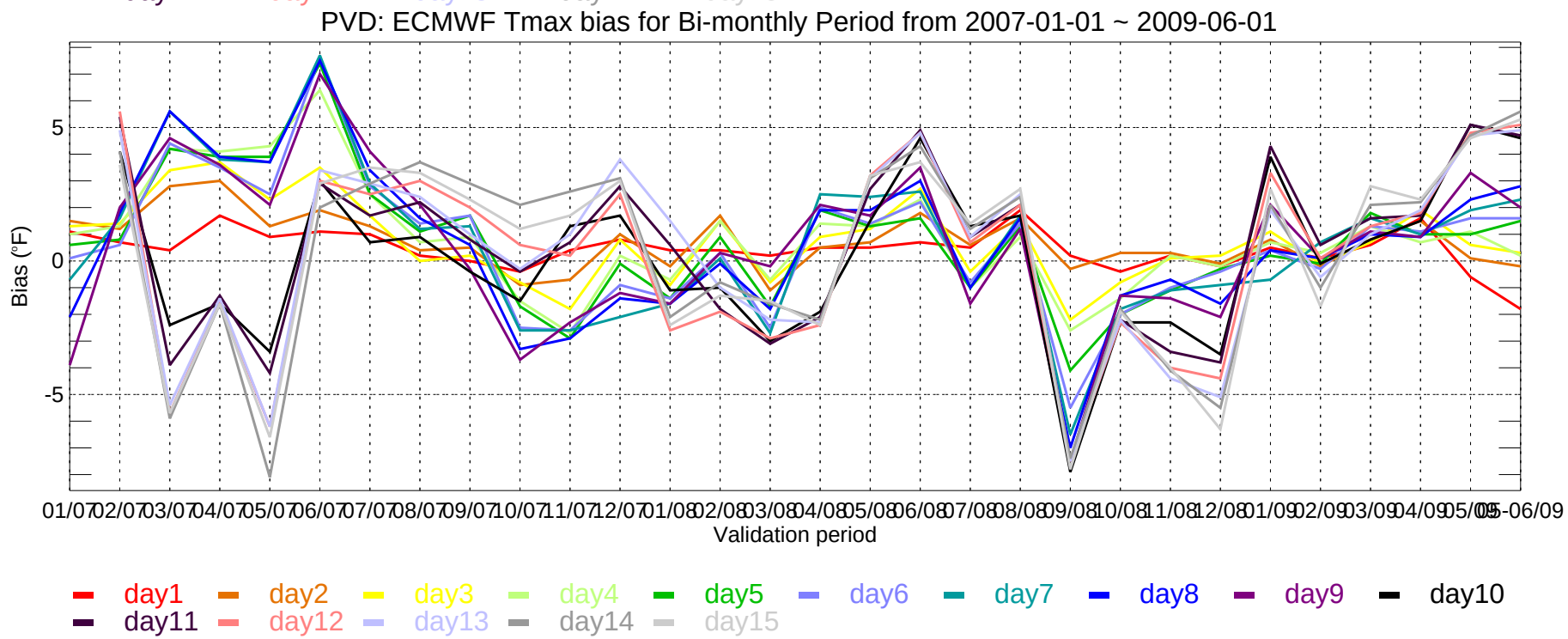

PIT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

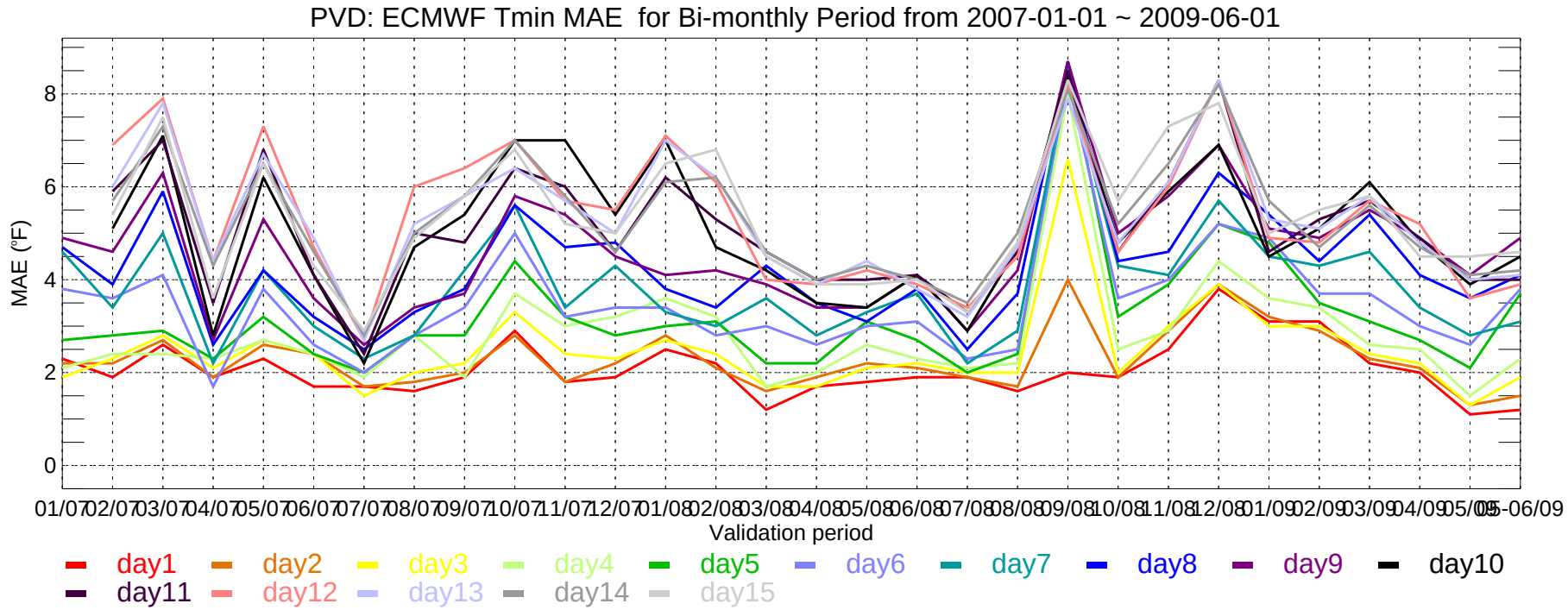

PIT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

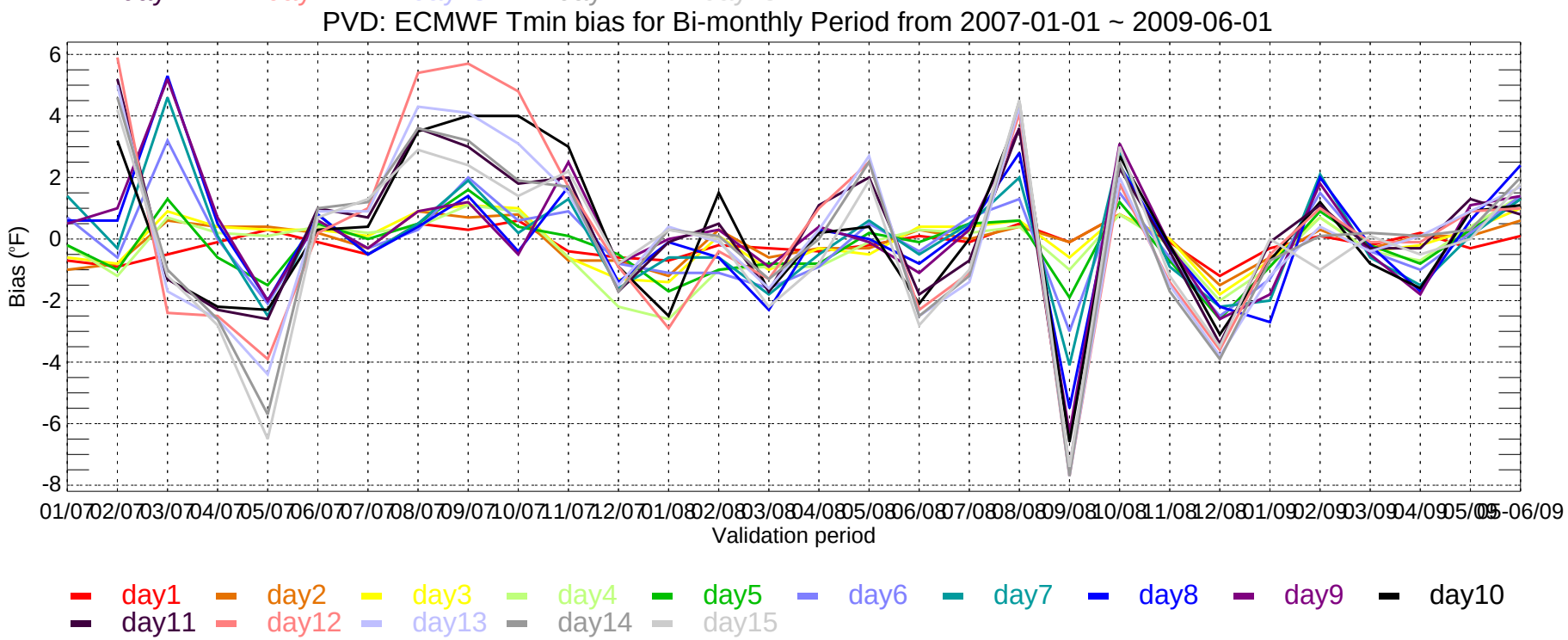

PIT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

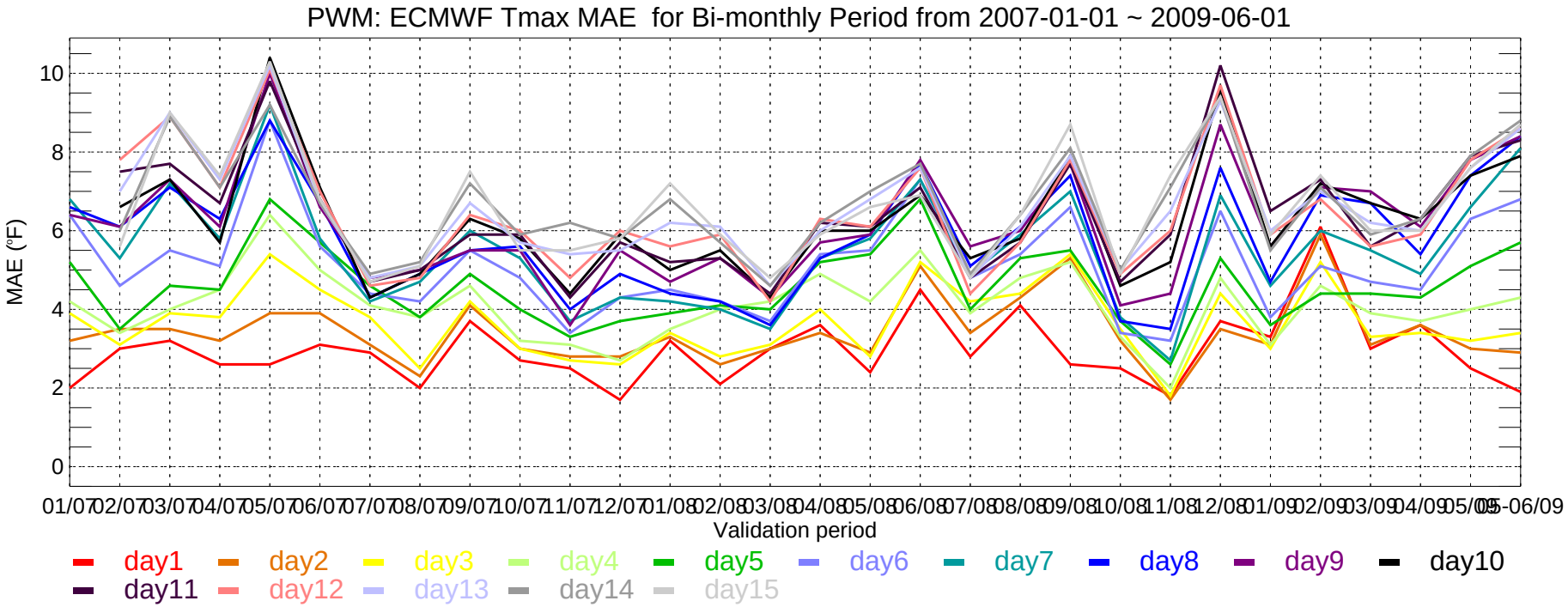

PIT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-8
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

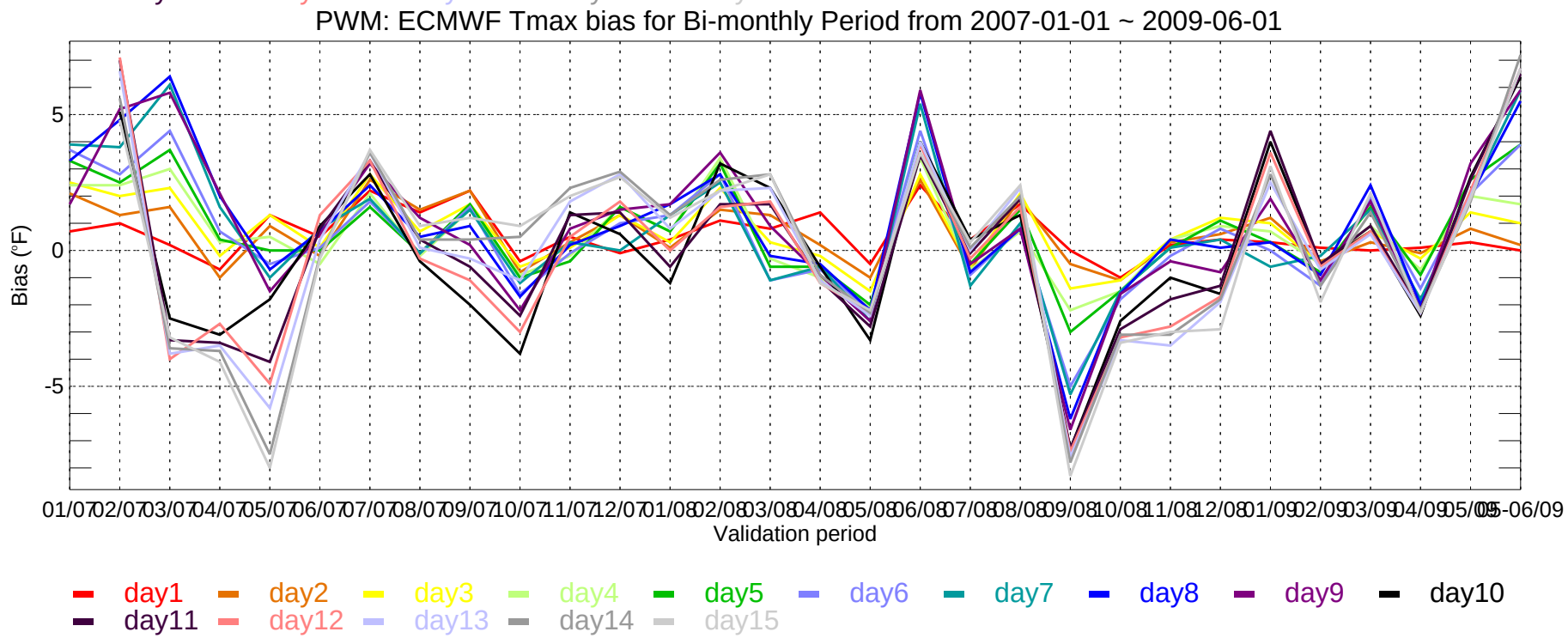

PVD: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

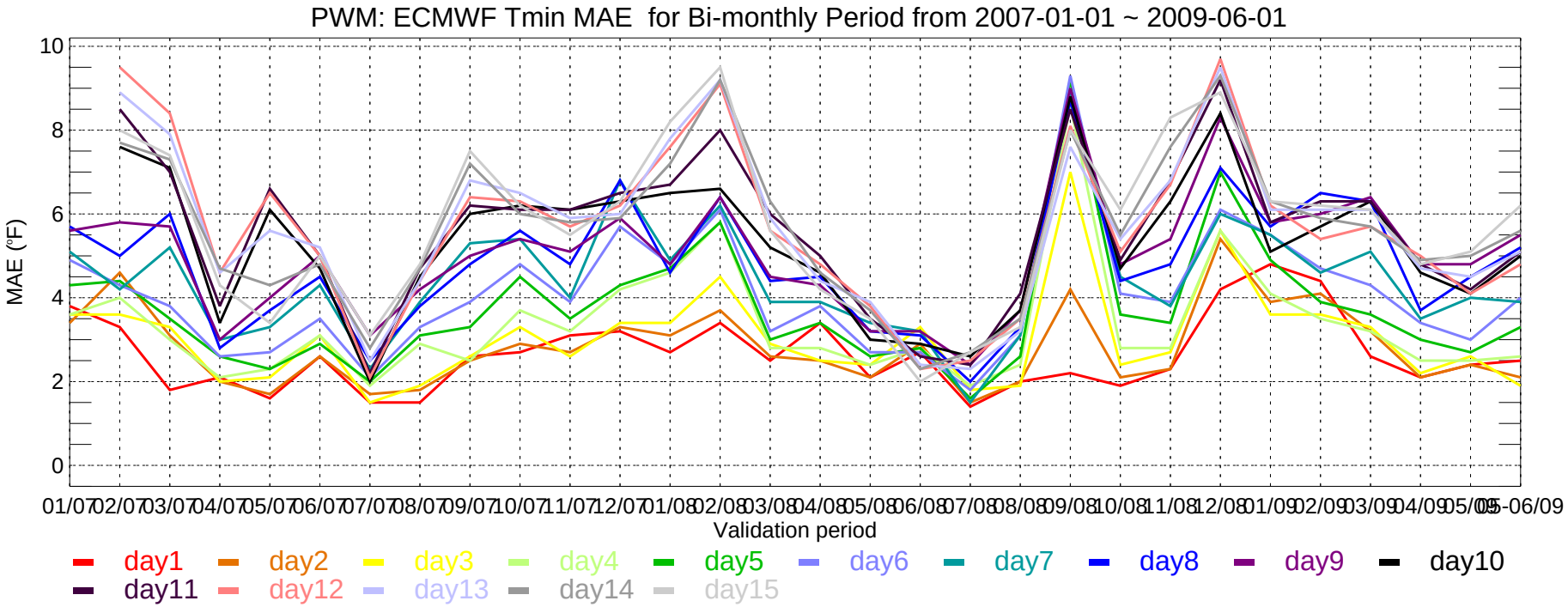

PVD: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

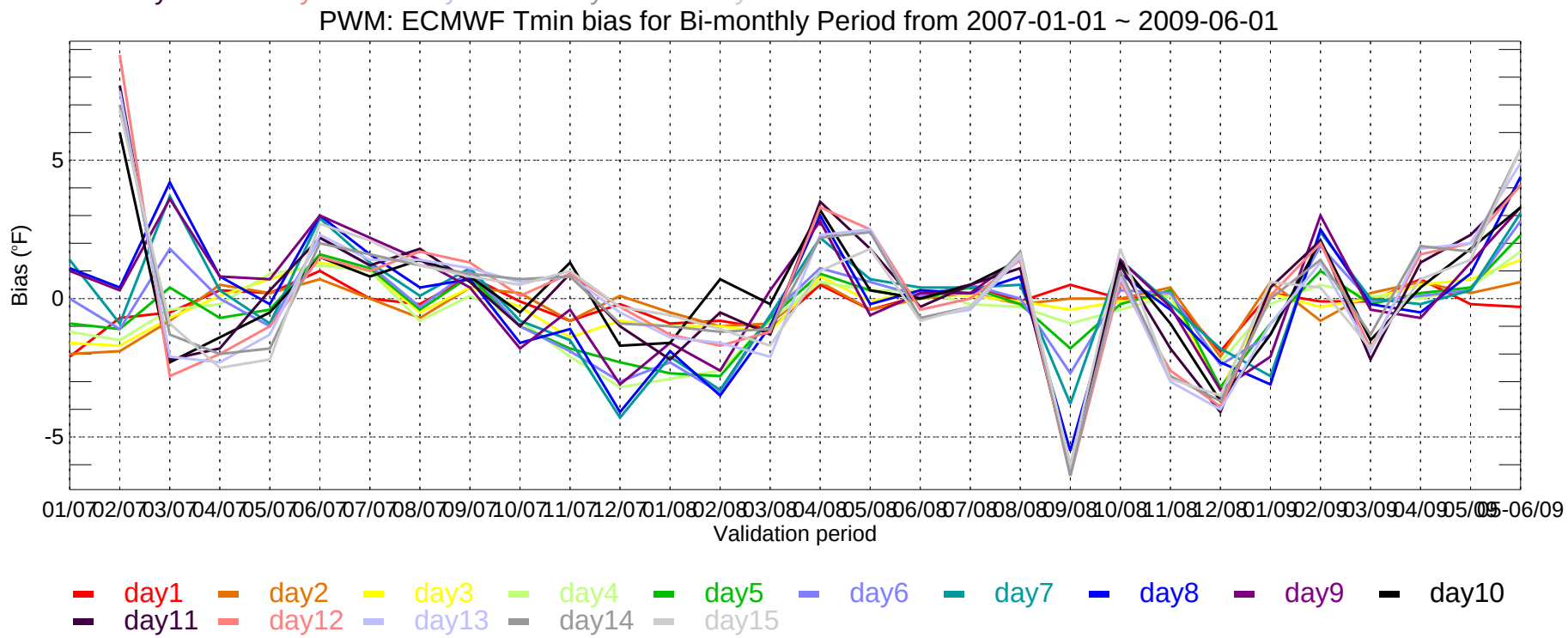

PVD: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

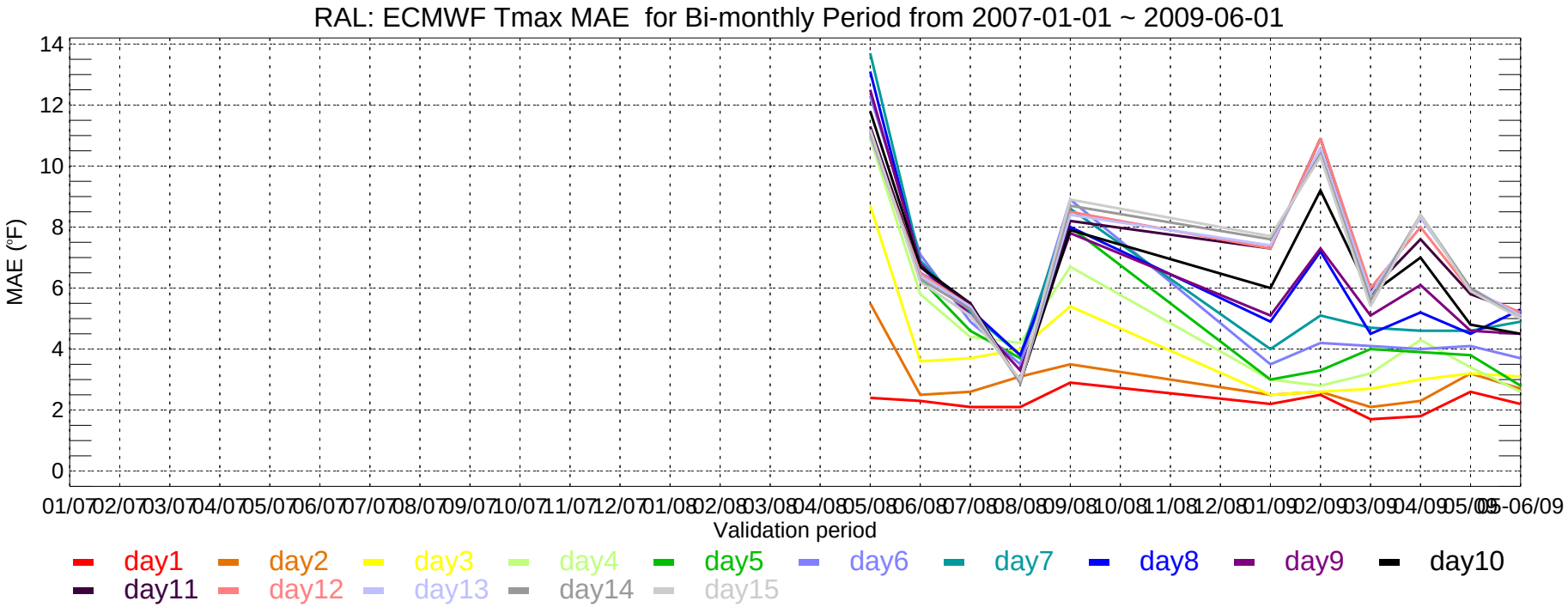

PVD: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

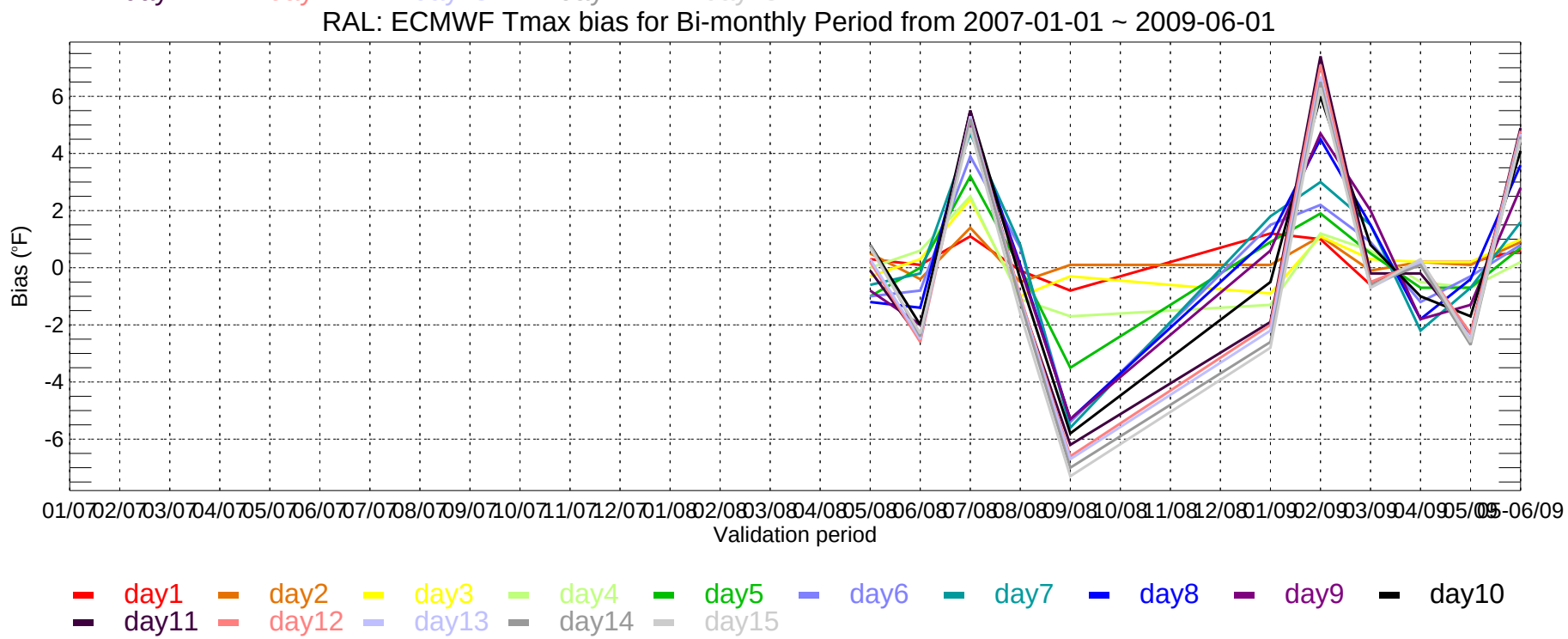

PWM: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

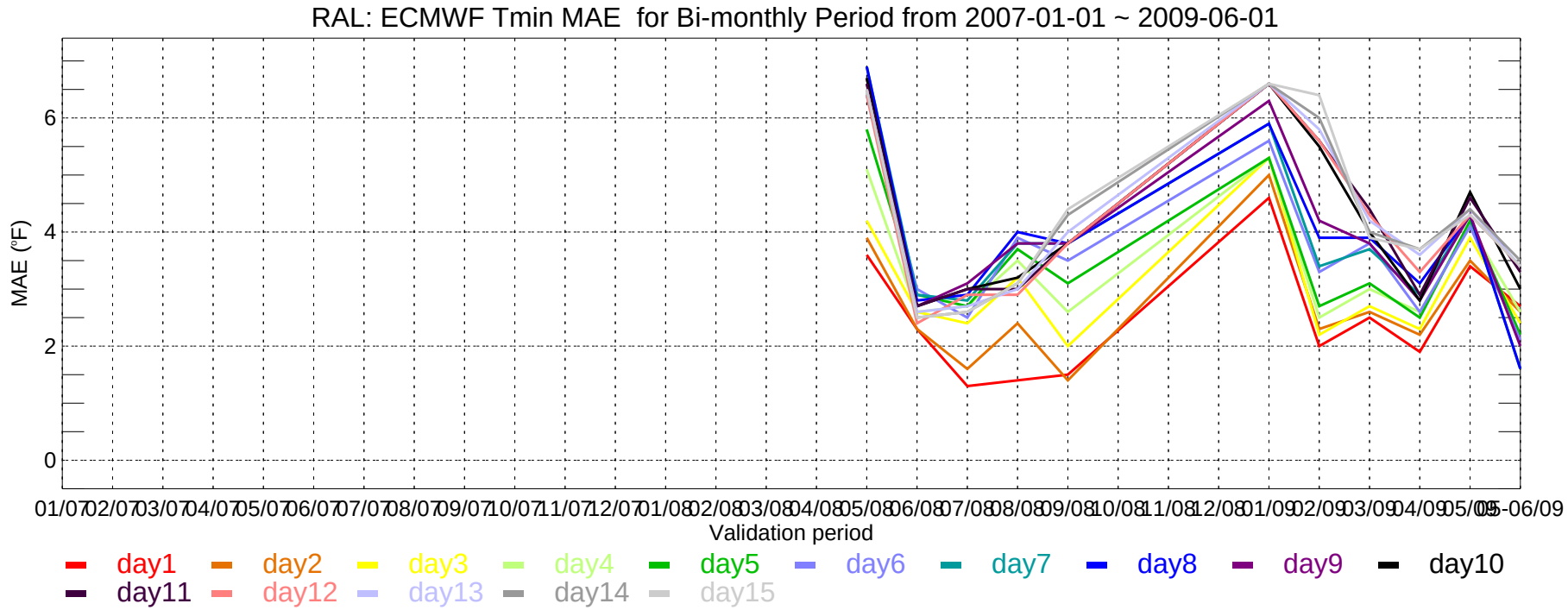

PWM: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

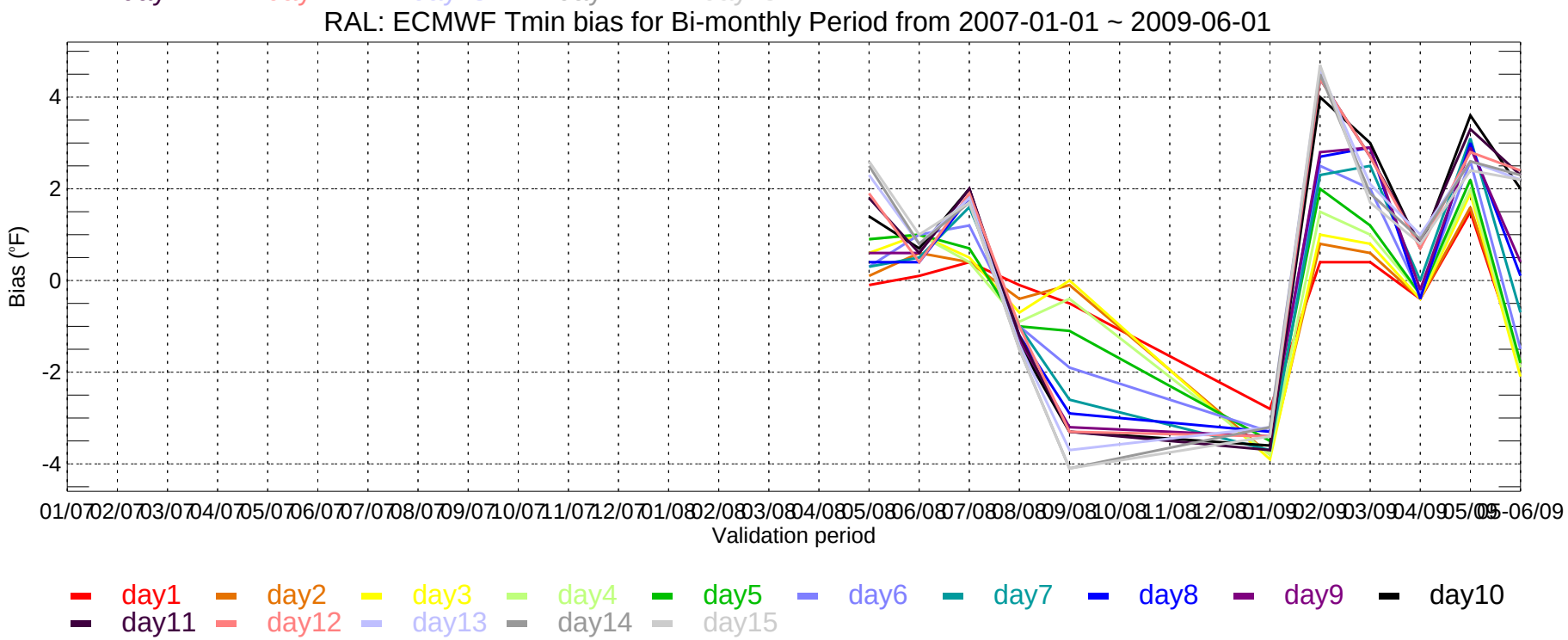

PWM: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

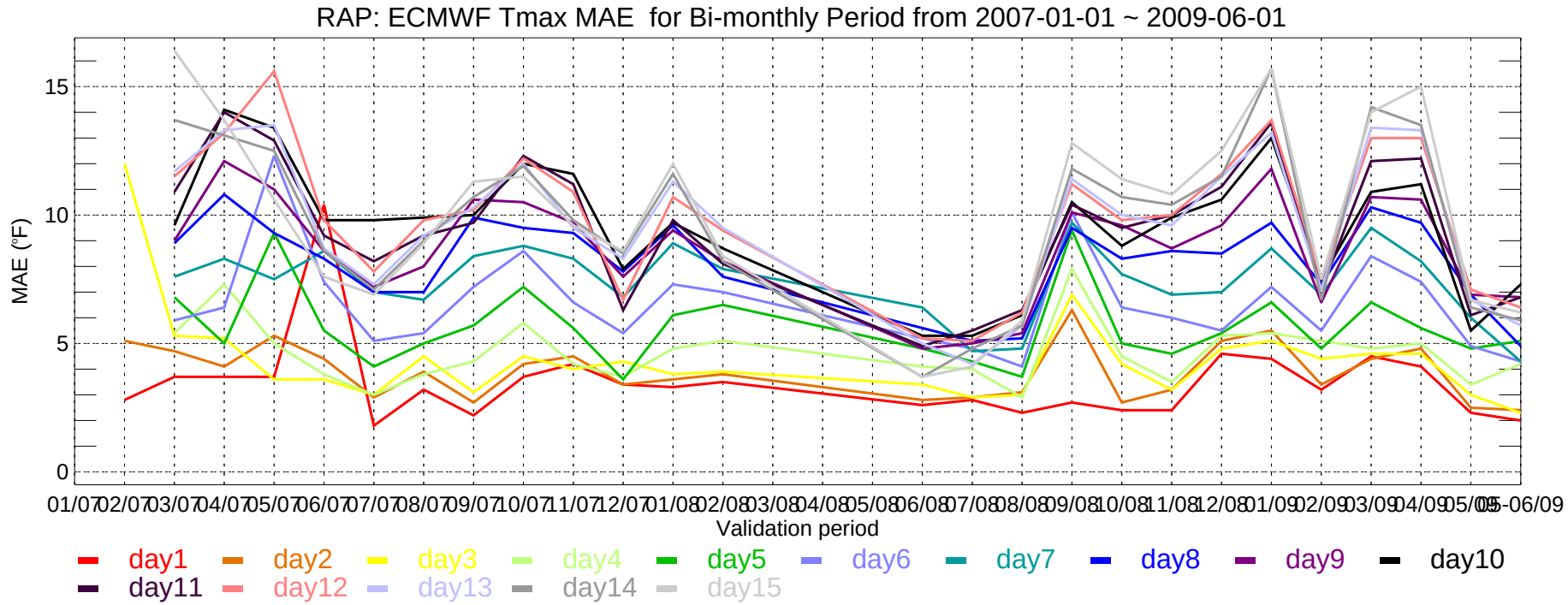

PWM: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

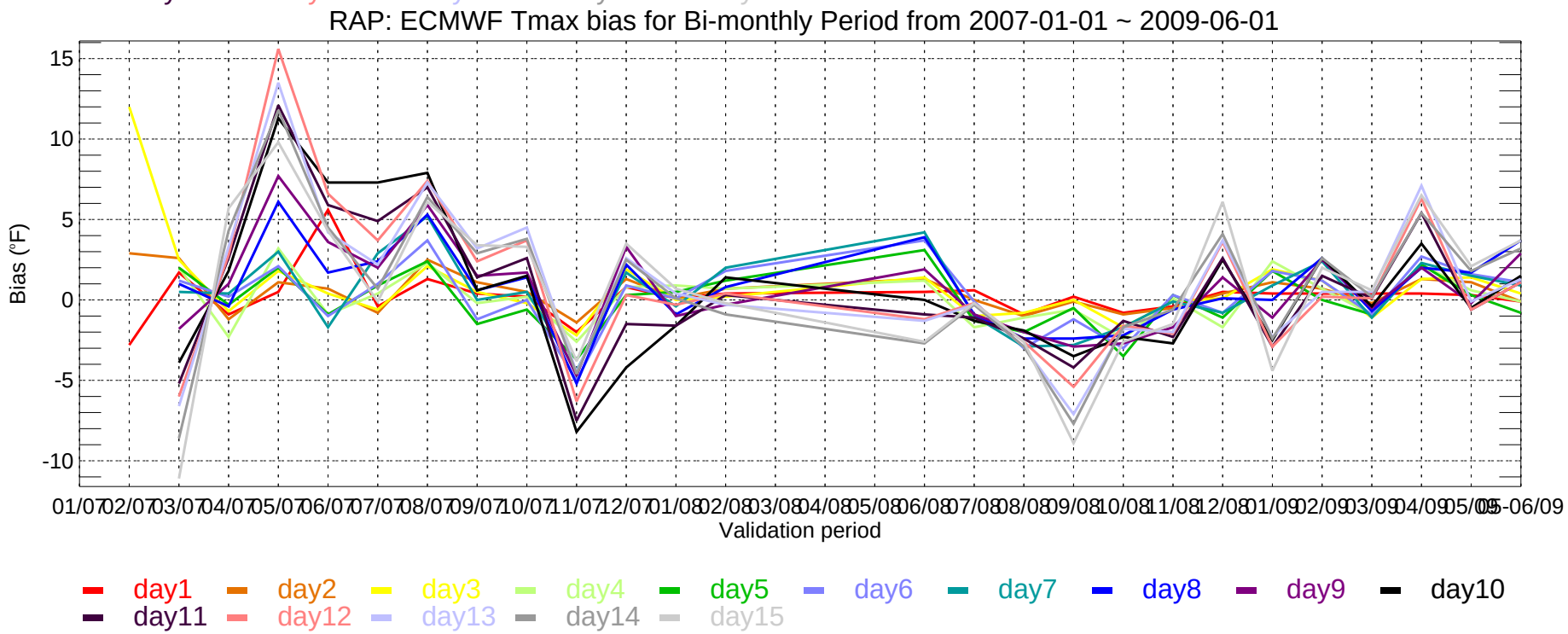

RAL: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

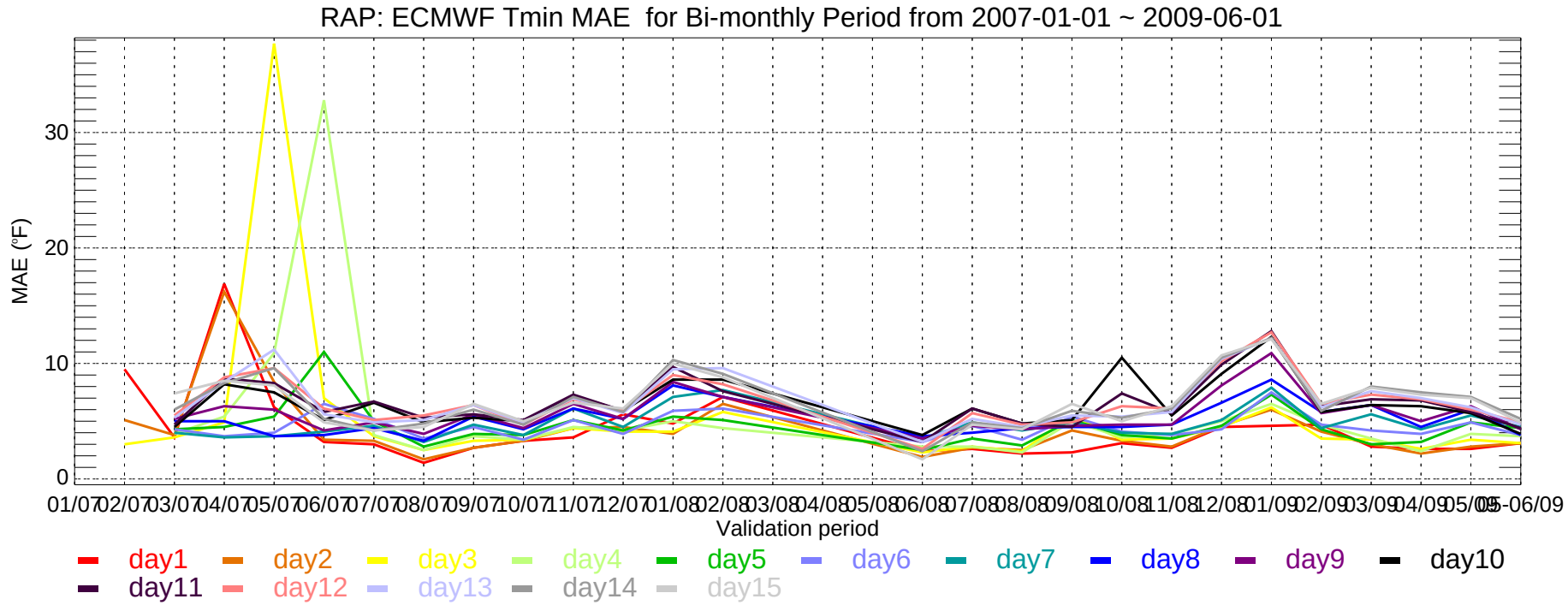

RAL: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

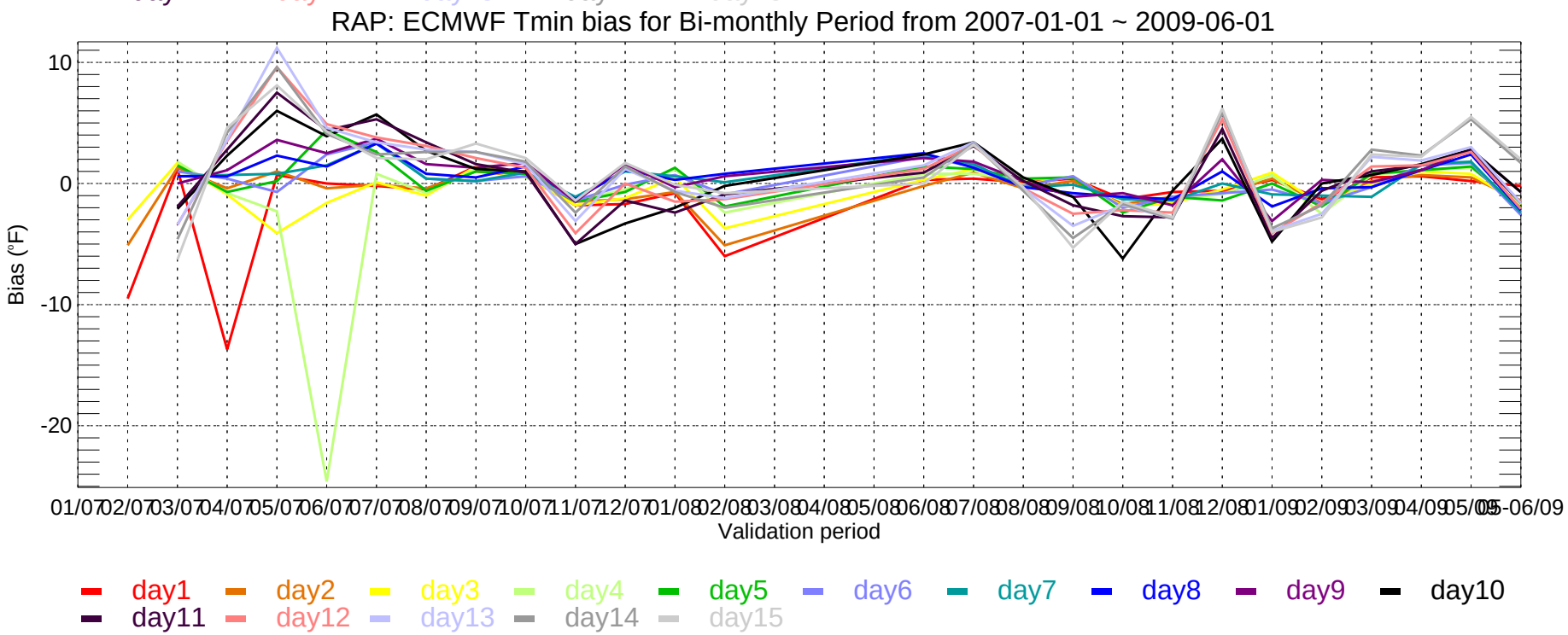

RAL: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

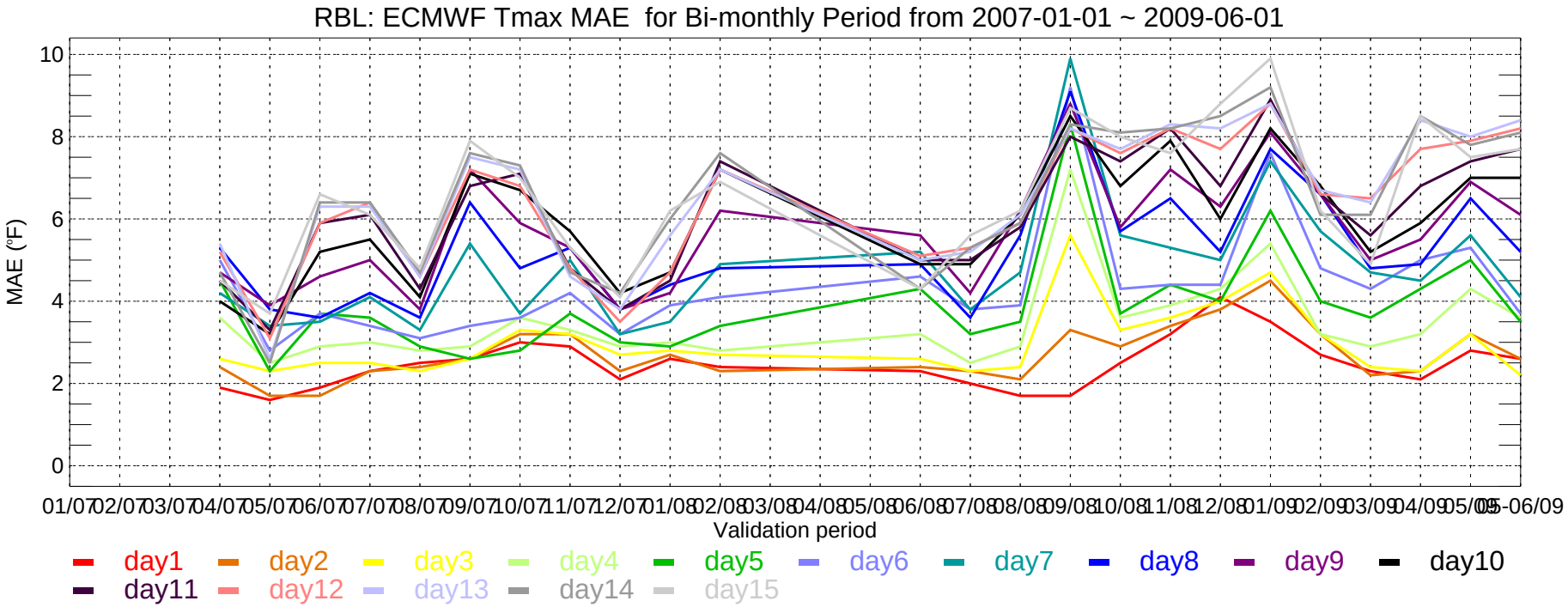

RAL: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

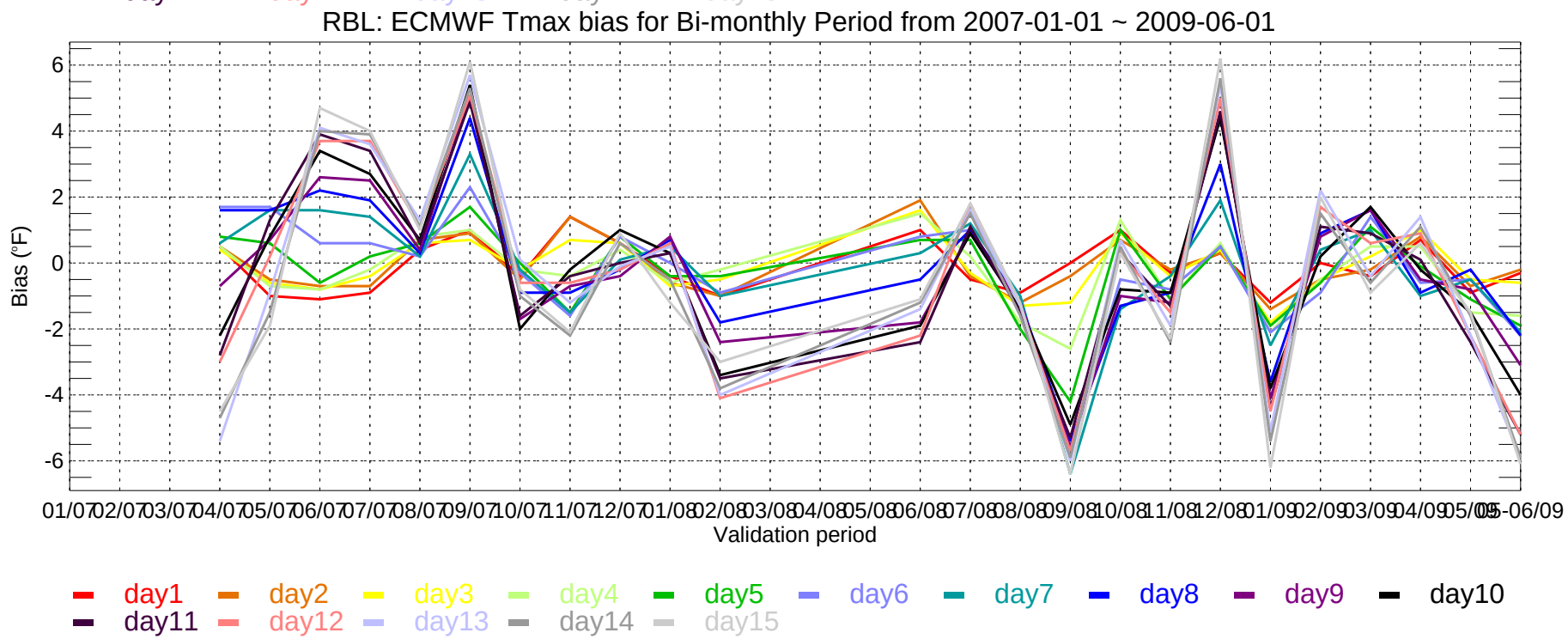

RAP: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

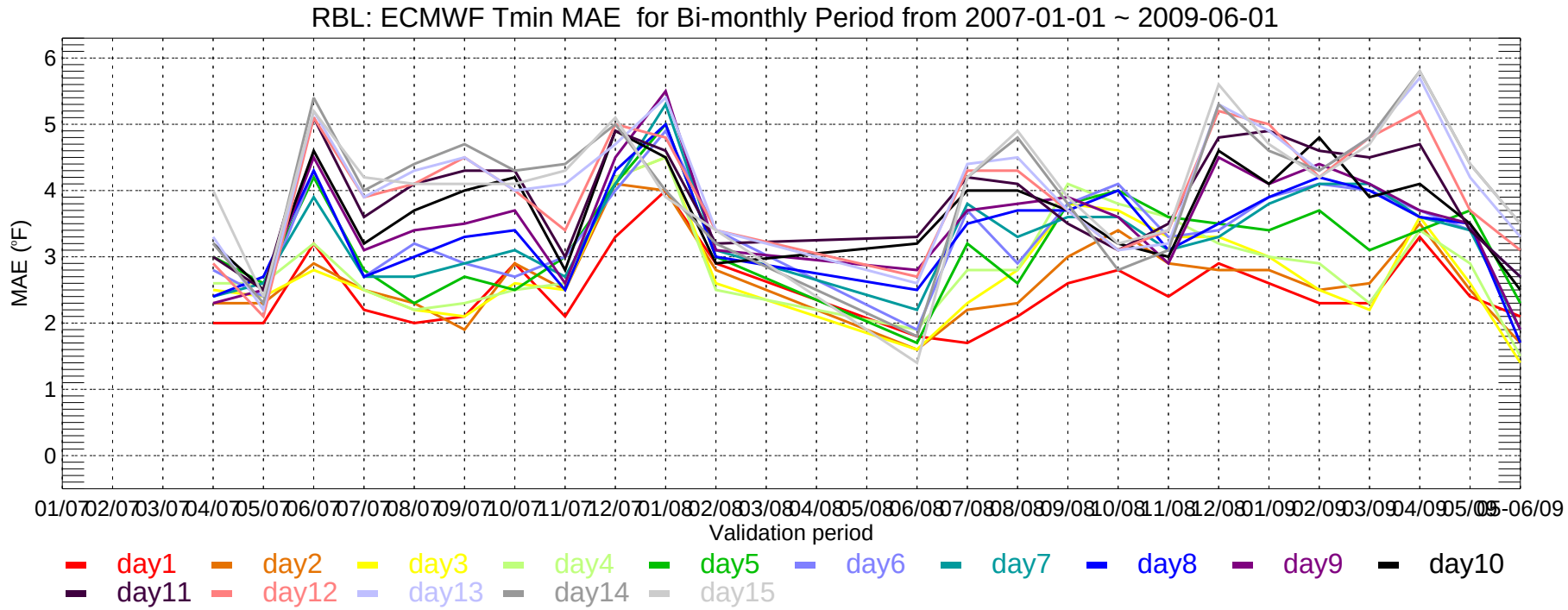

RAP: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
15
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

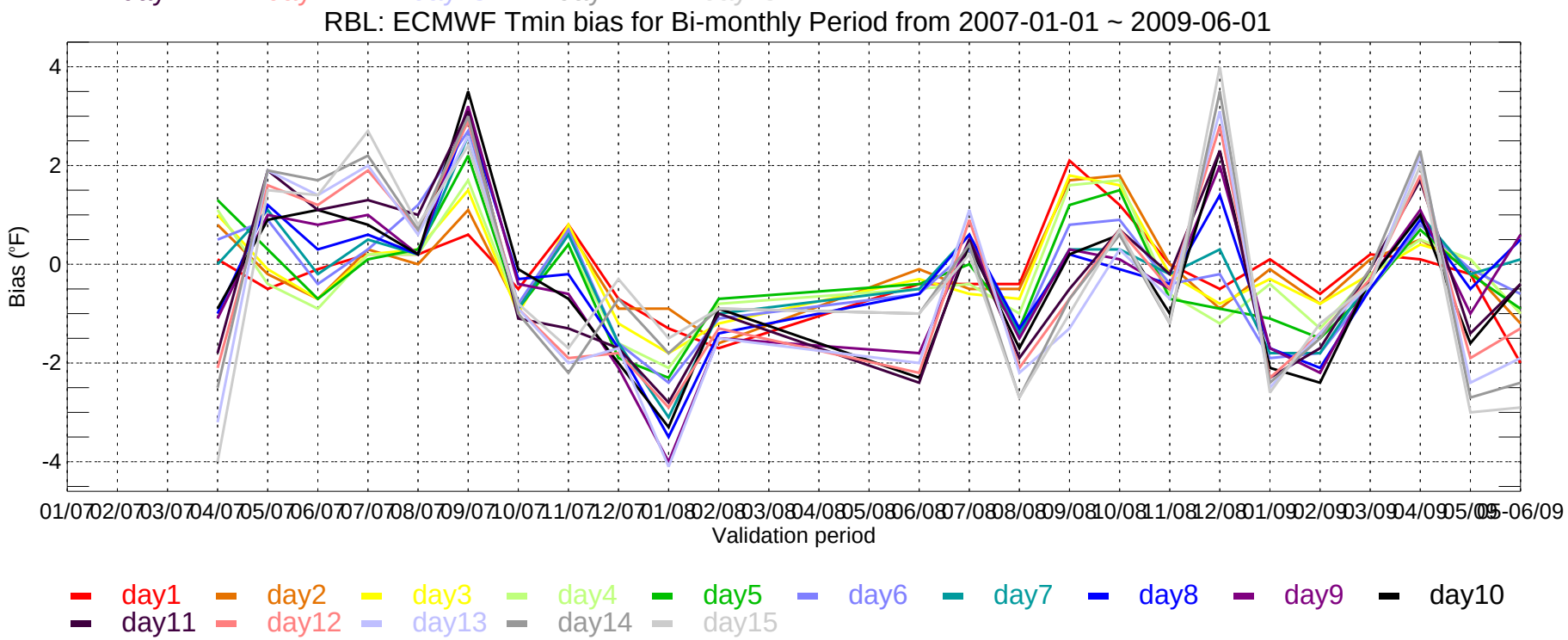

RAP: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
10
20
30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

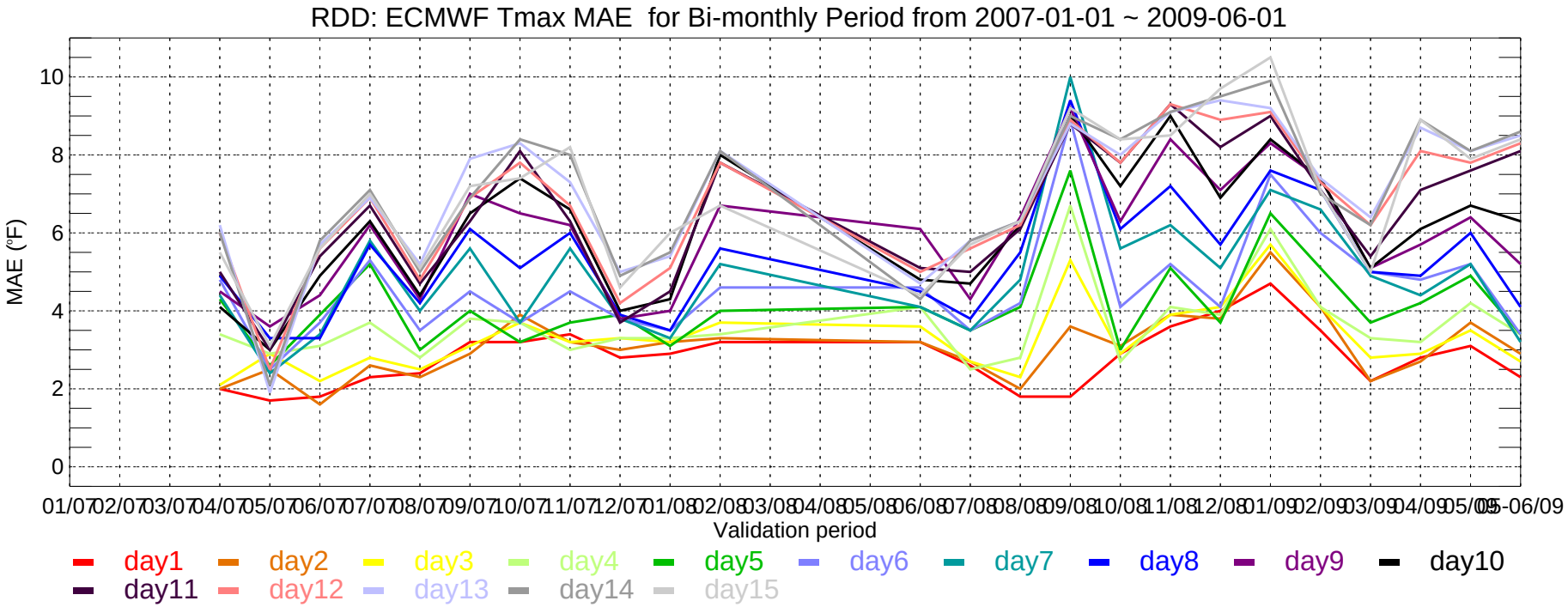

RAP: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
0
-10
-20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

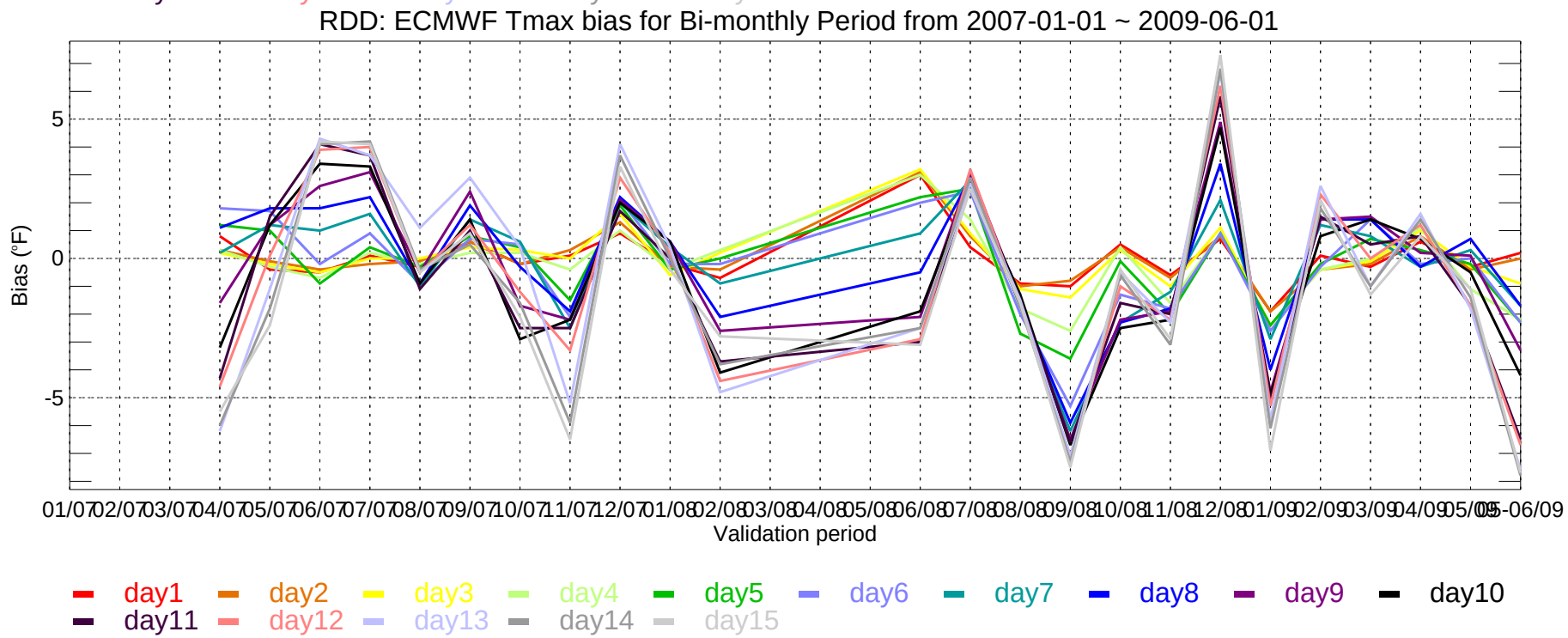

RBL: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

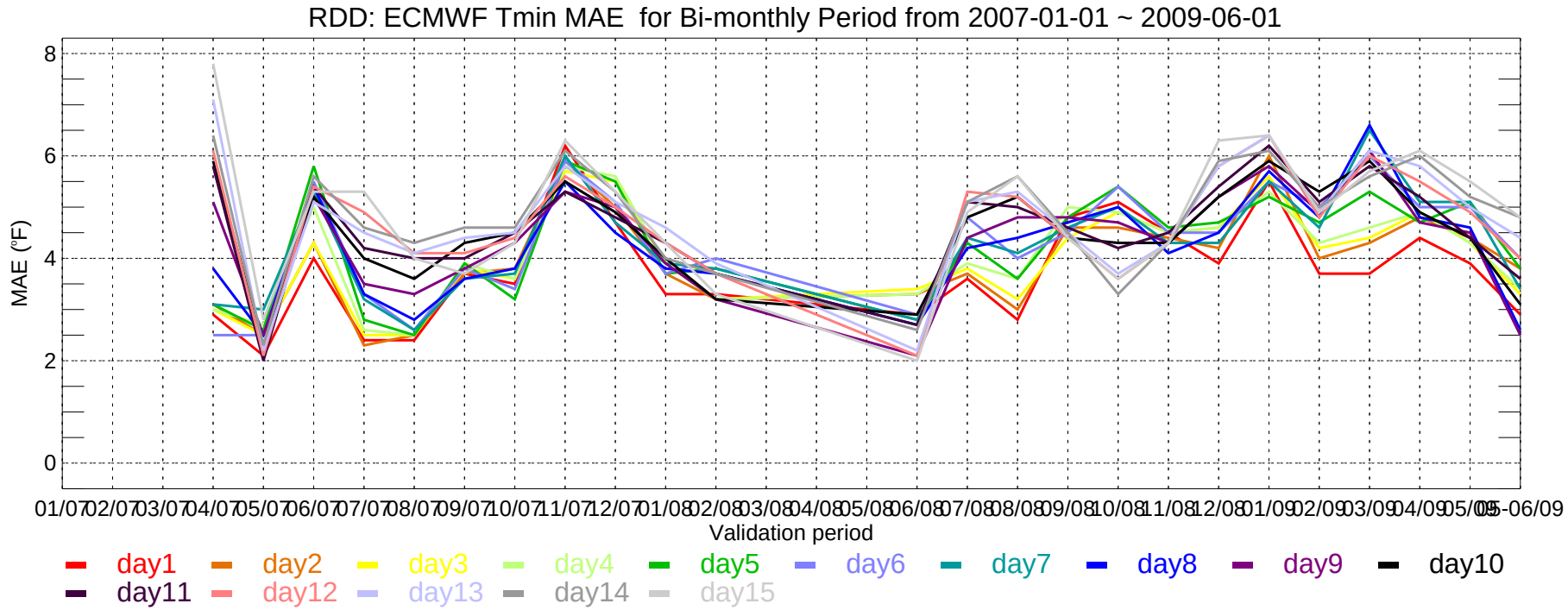

RBL: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

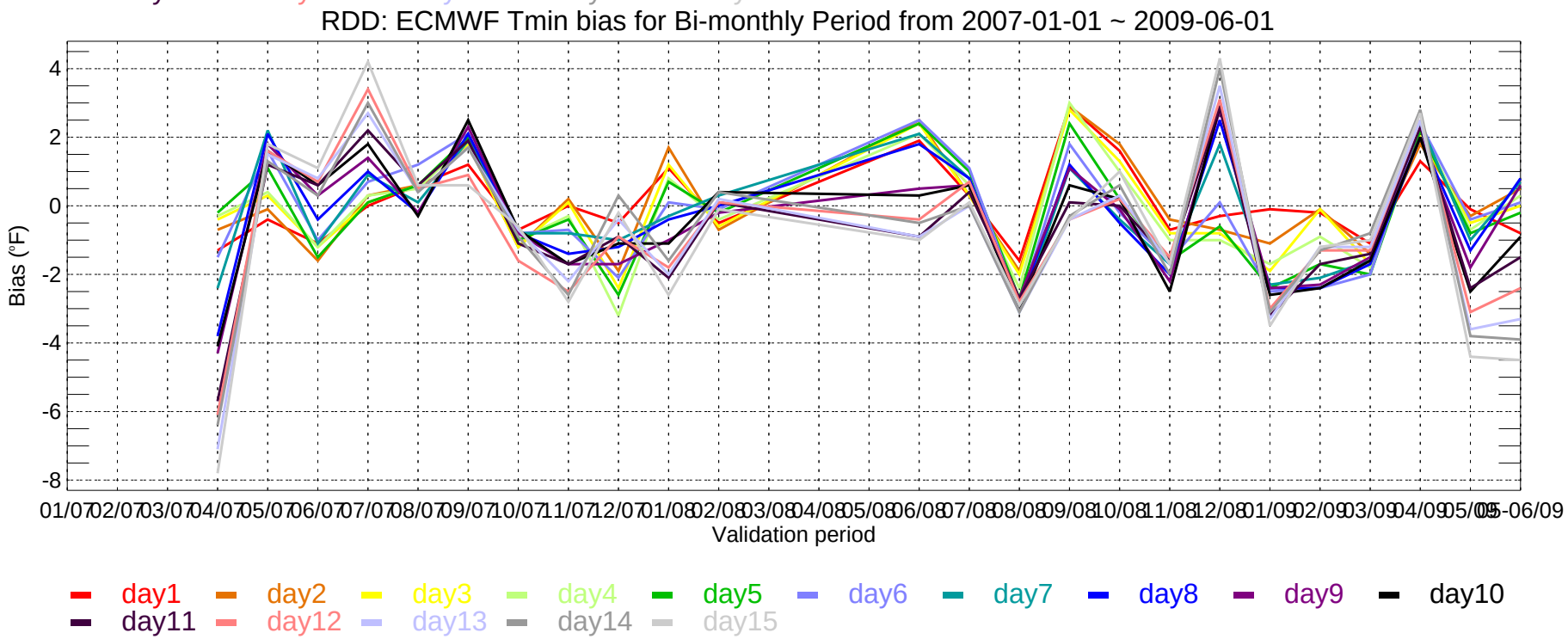

RBL: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

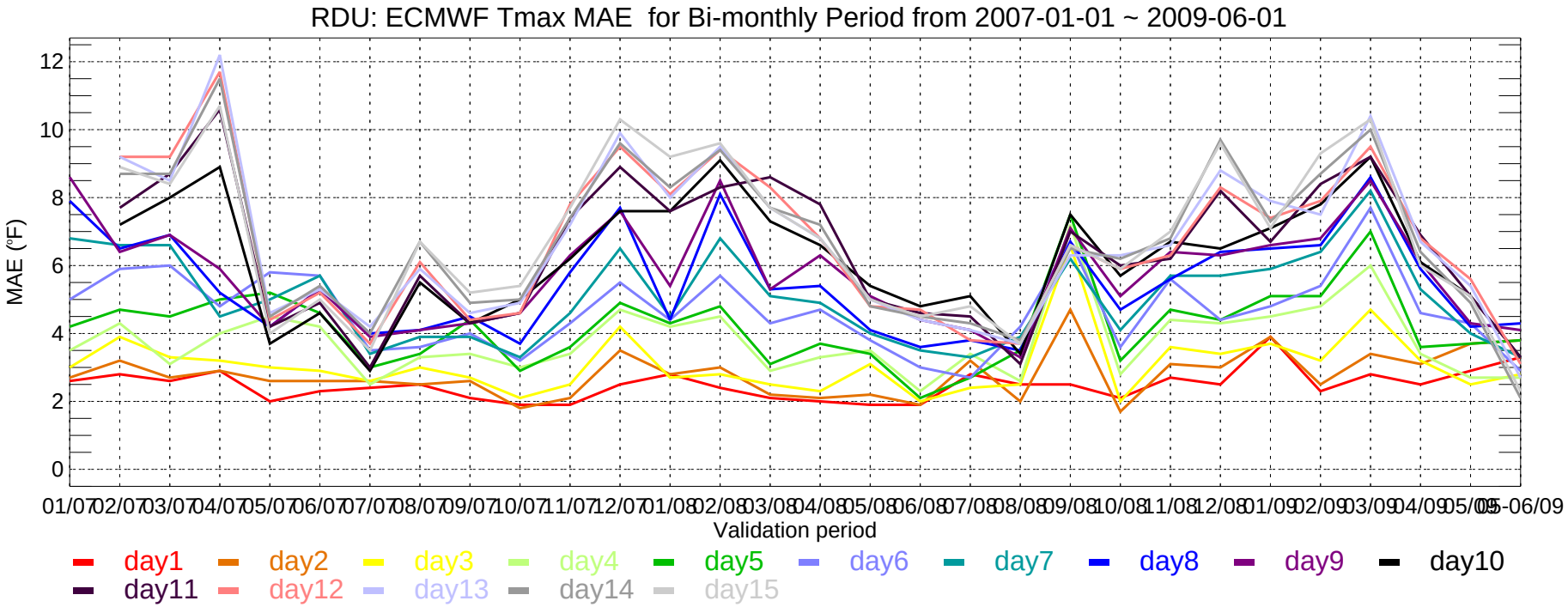

RBL: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

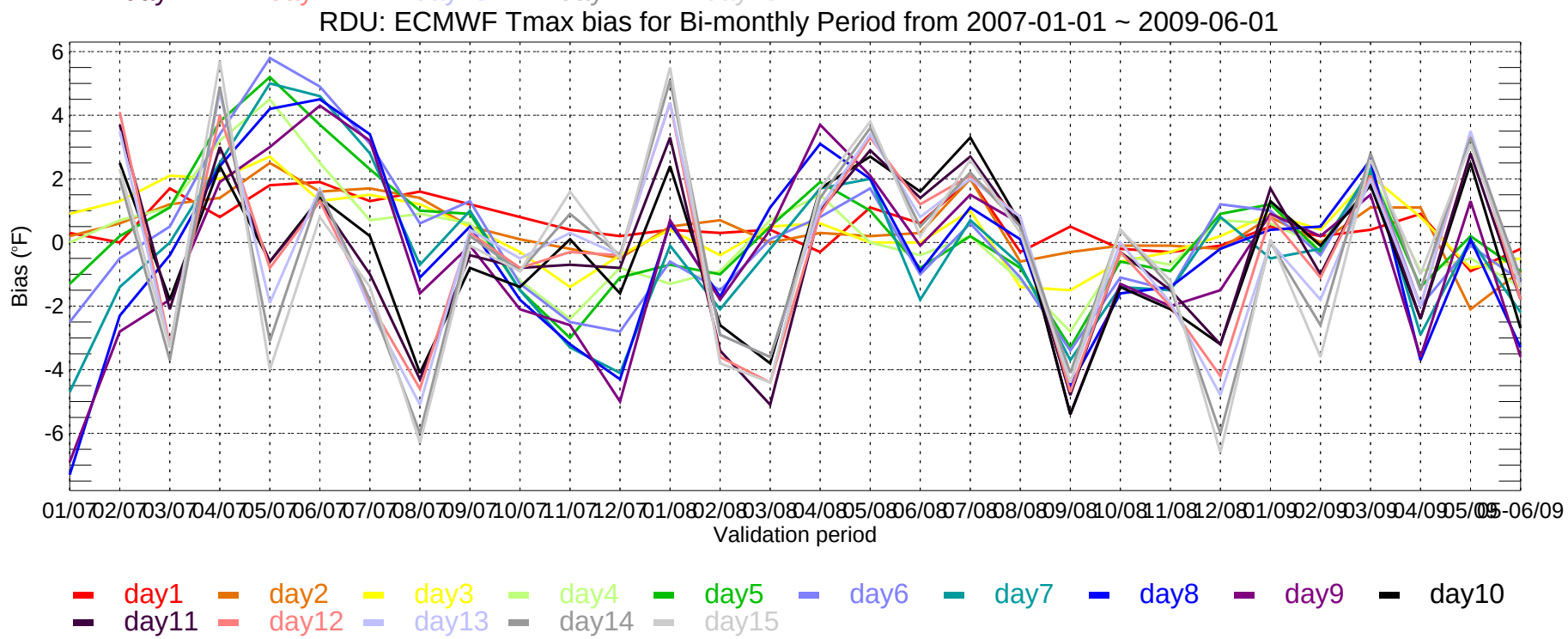

RDD: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

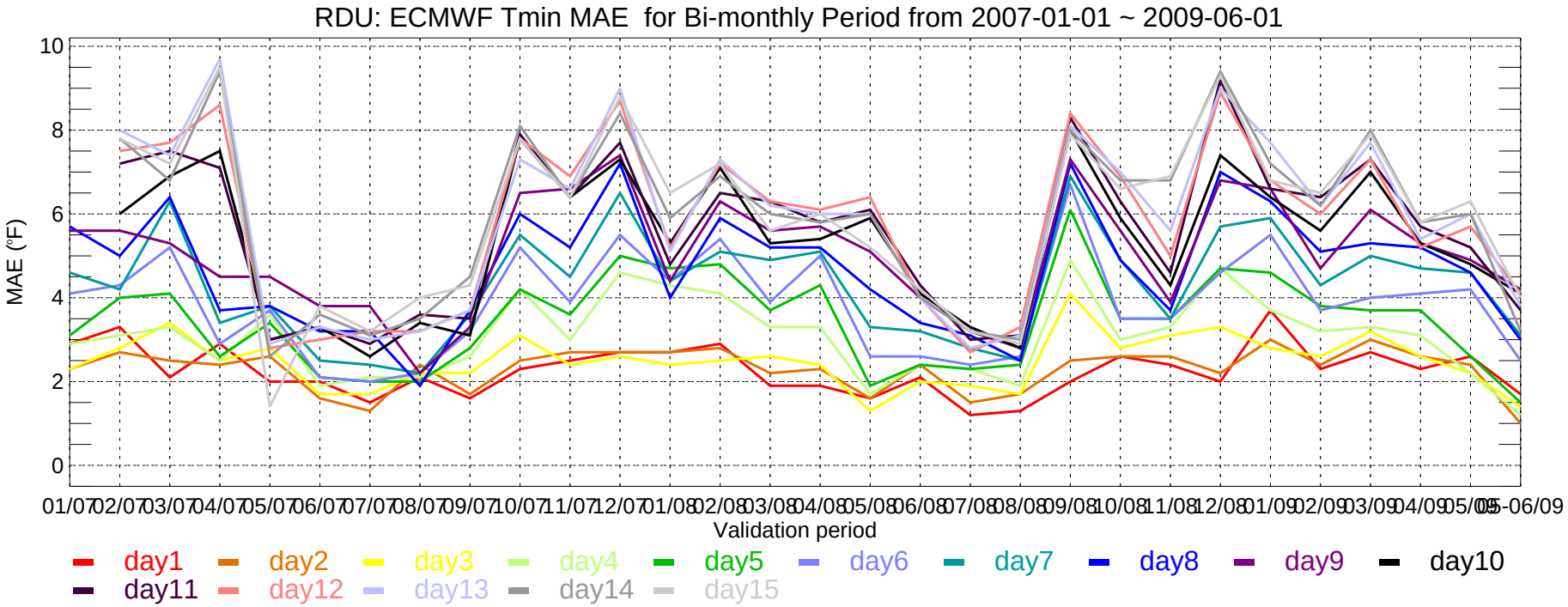

RDD: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

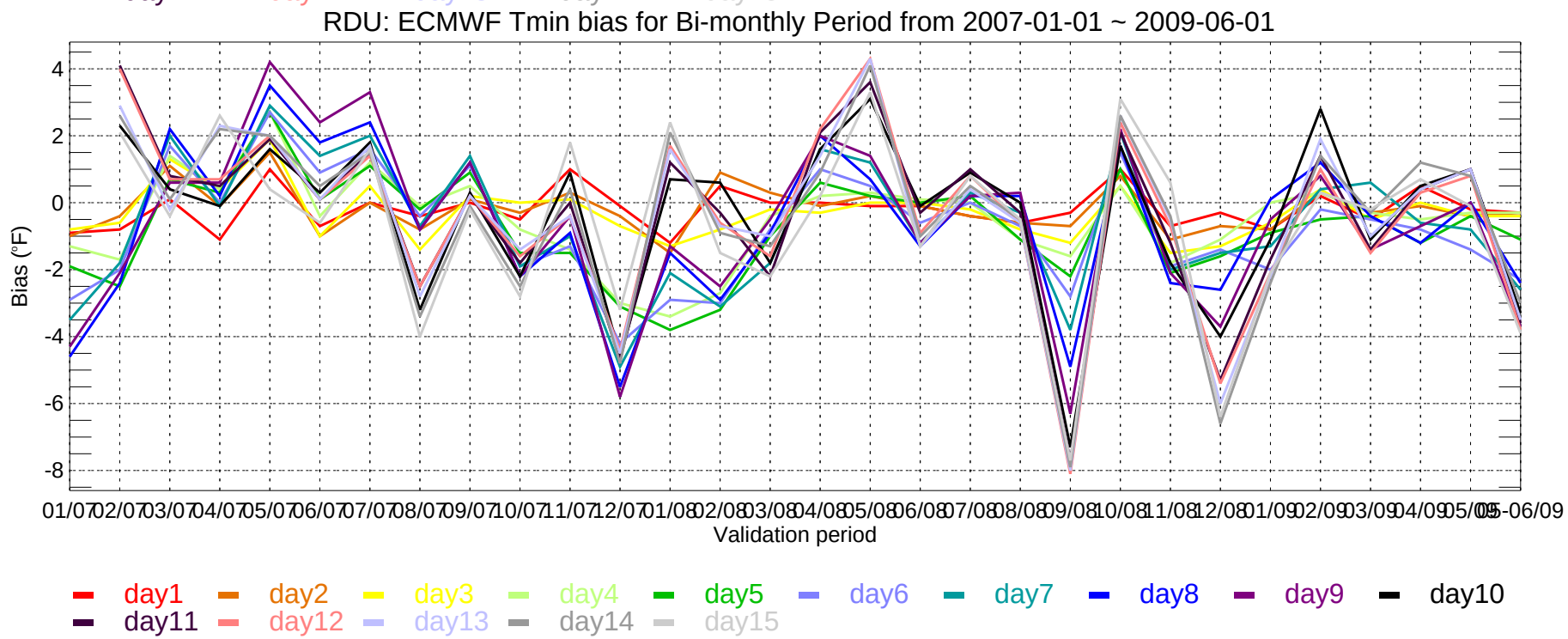

RDD: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

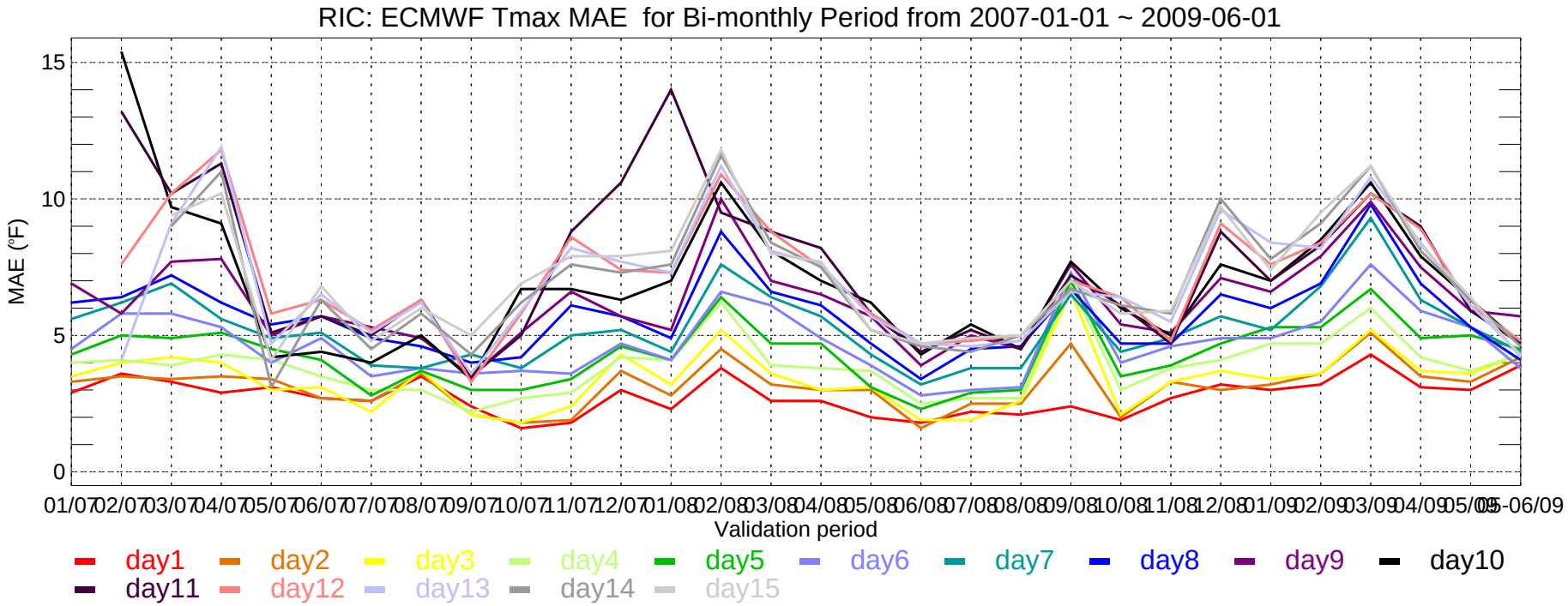

RDD: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

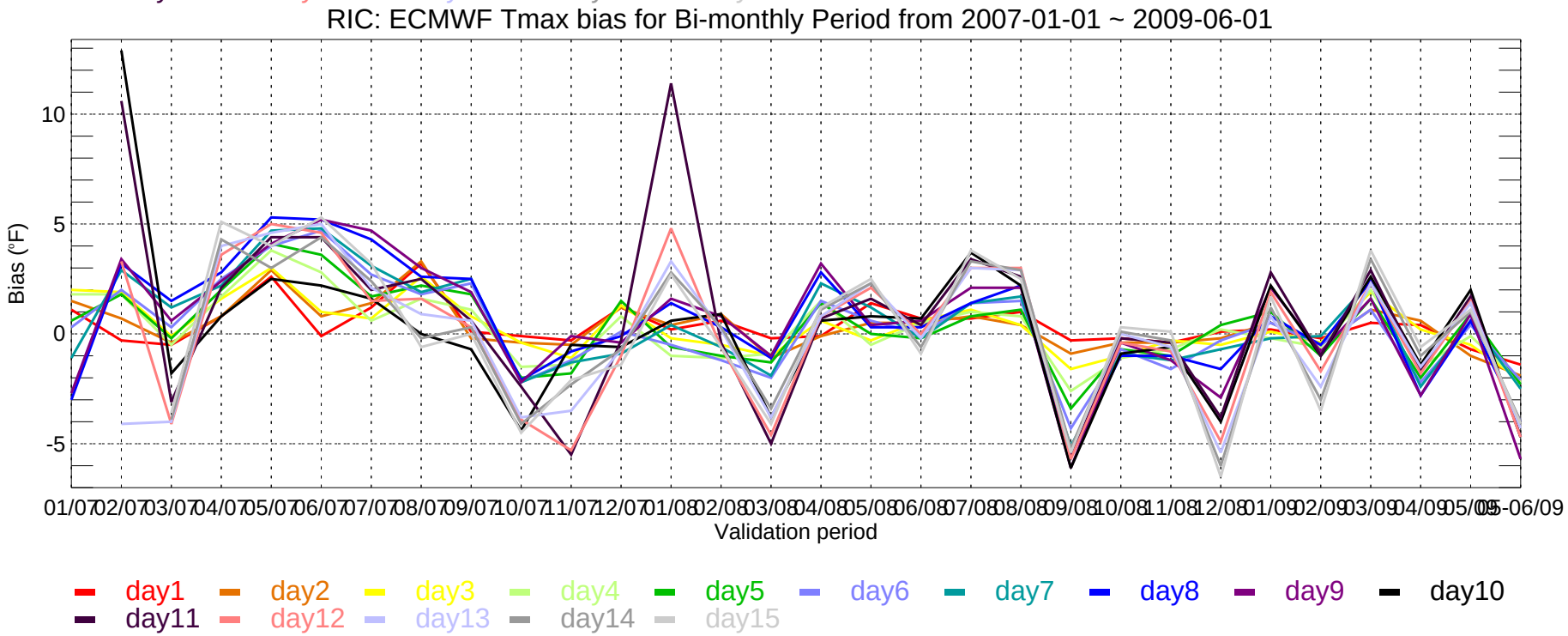

RDU: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

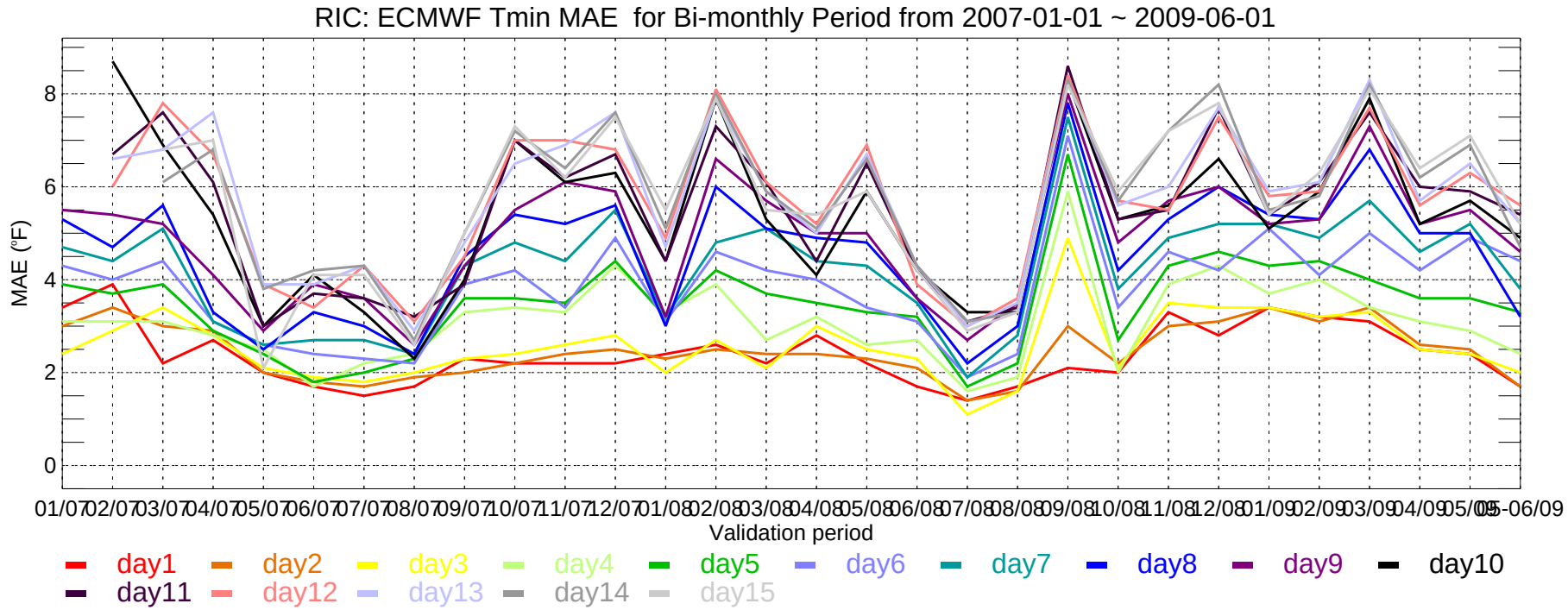

RDU: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

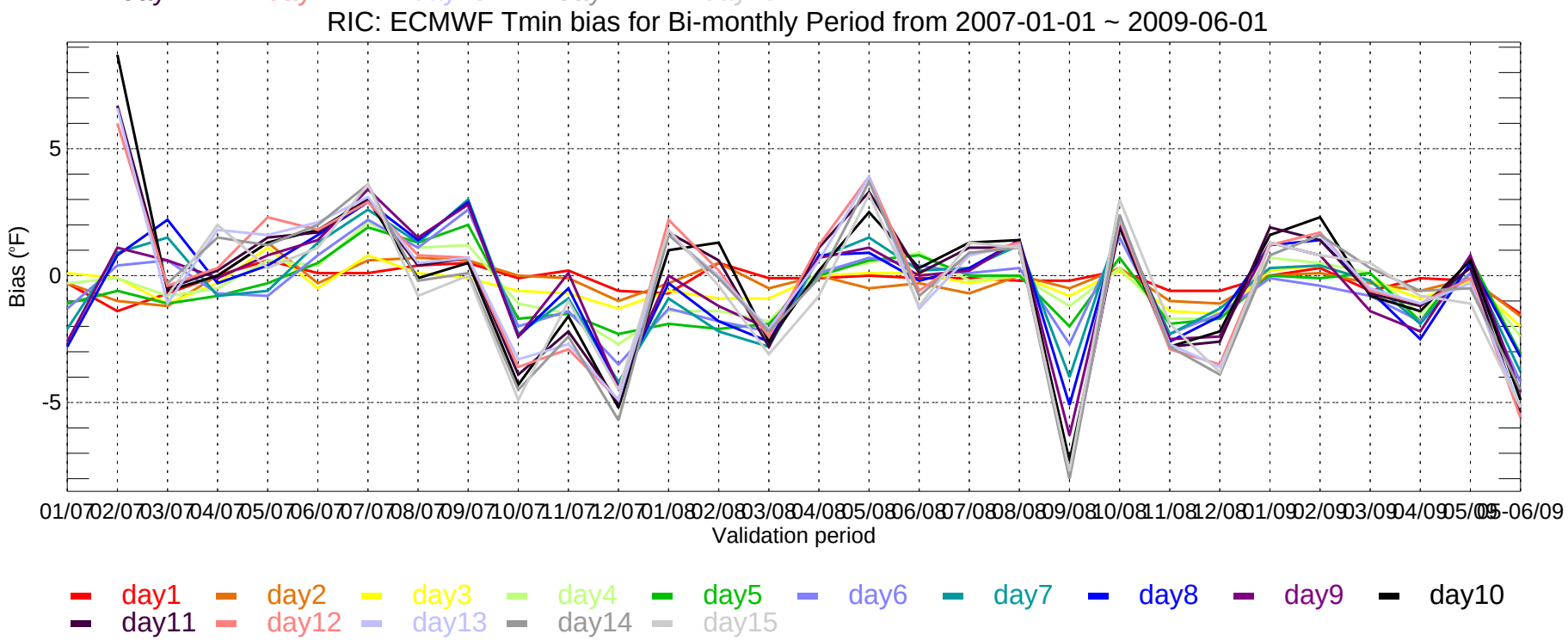

RDU: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

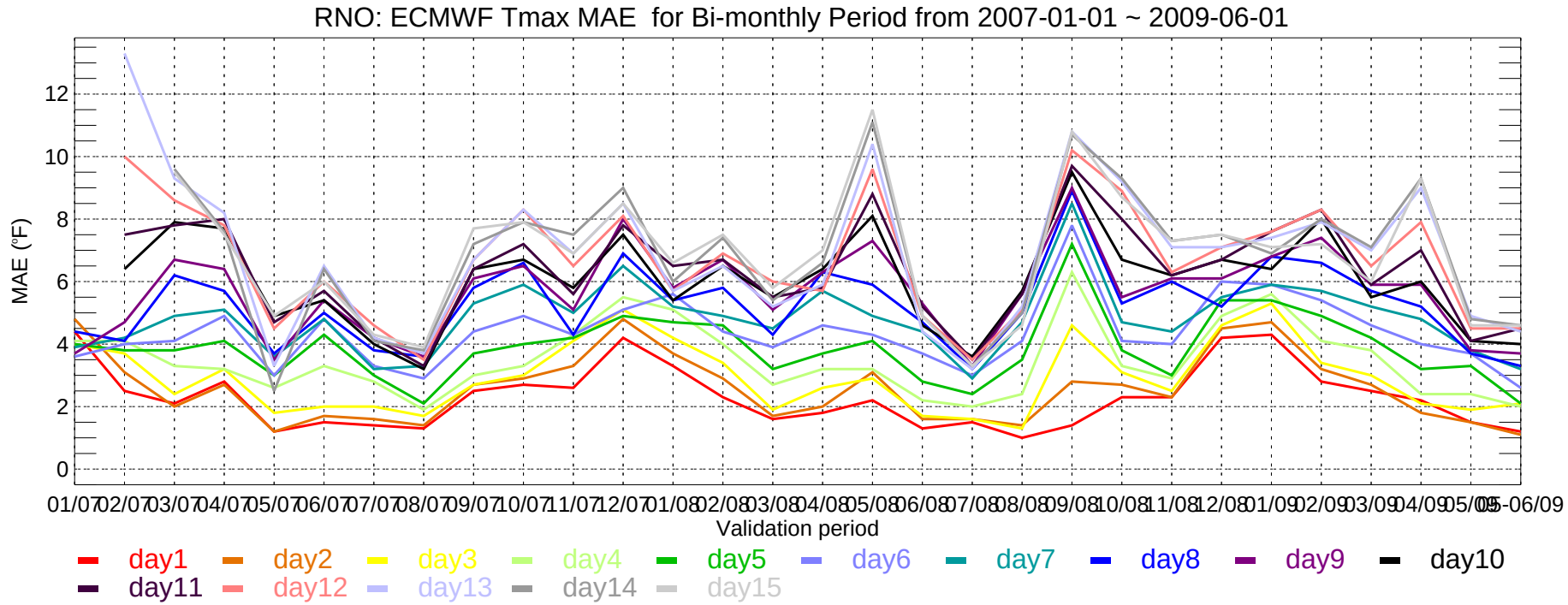

RDU: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

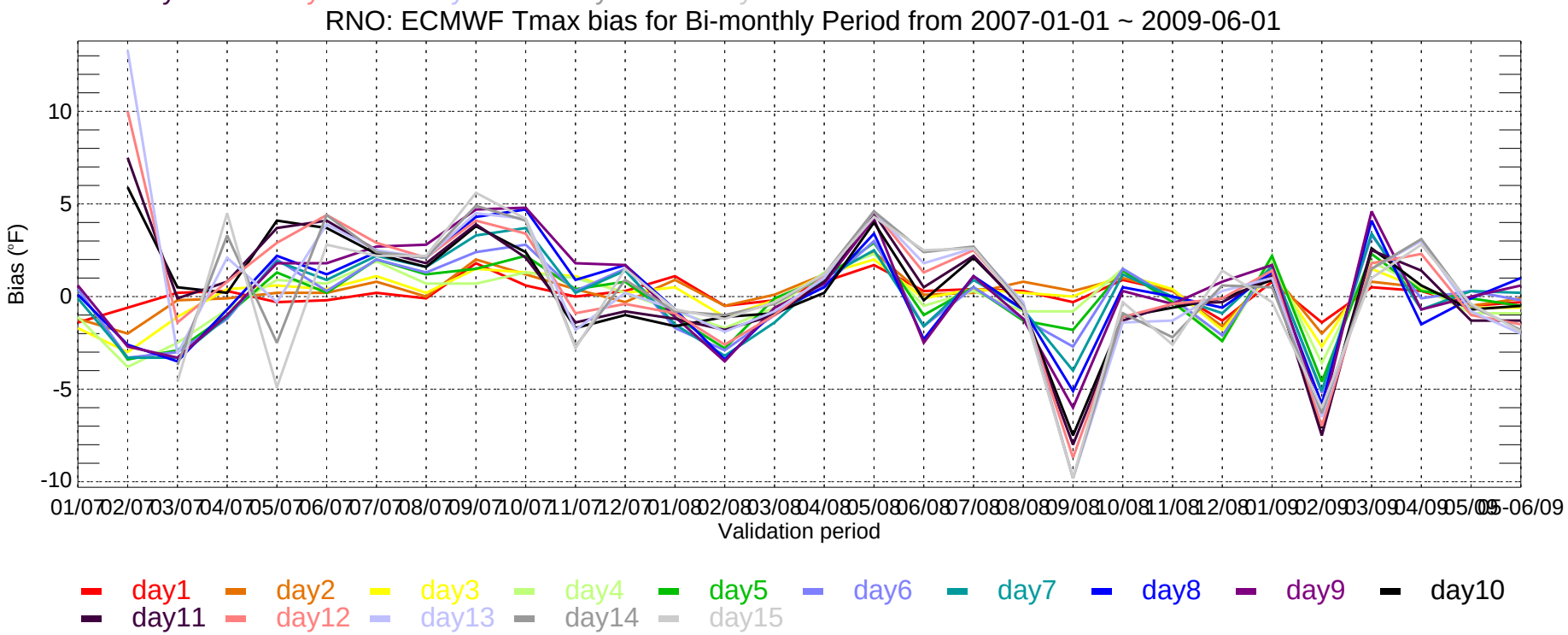

RIC: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

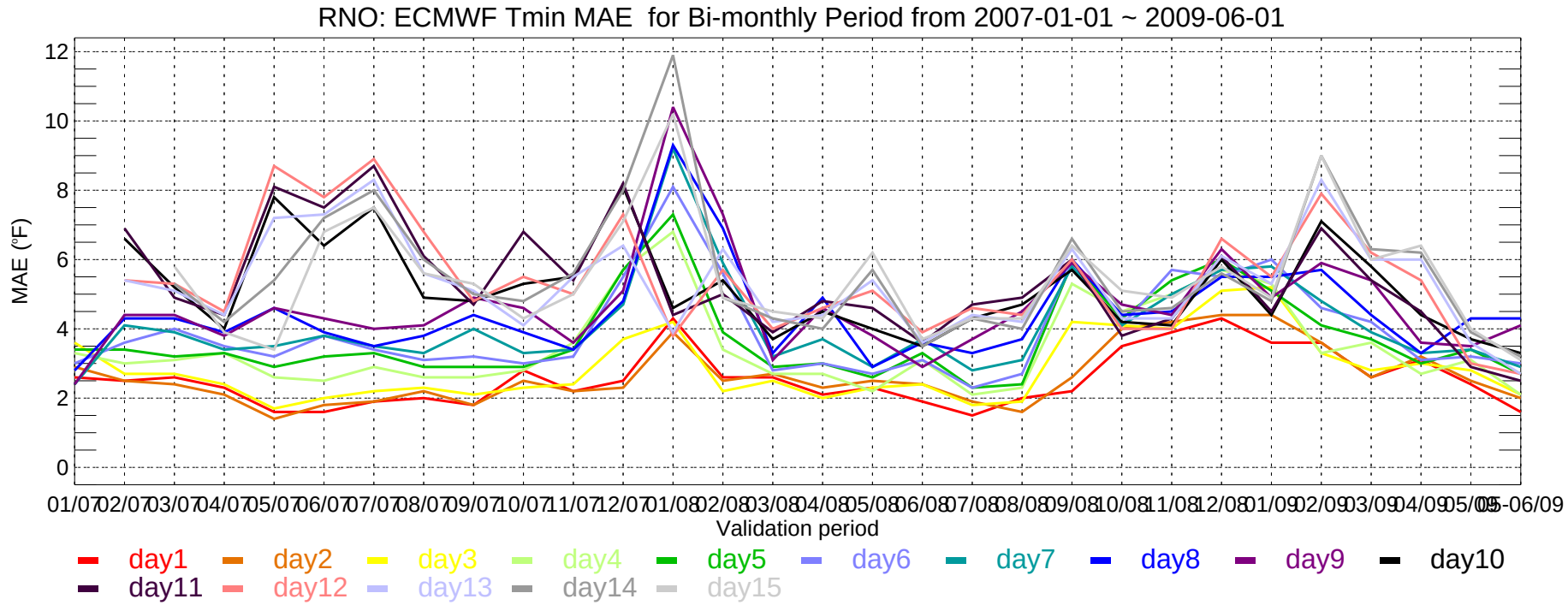

RIC: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

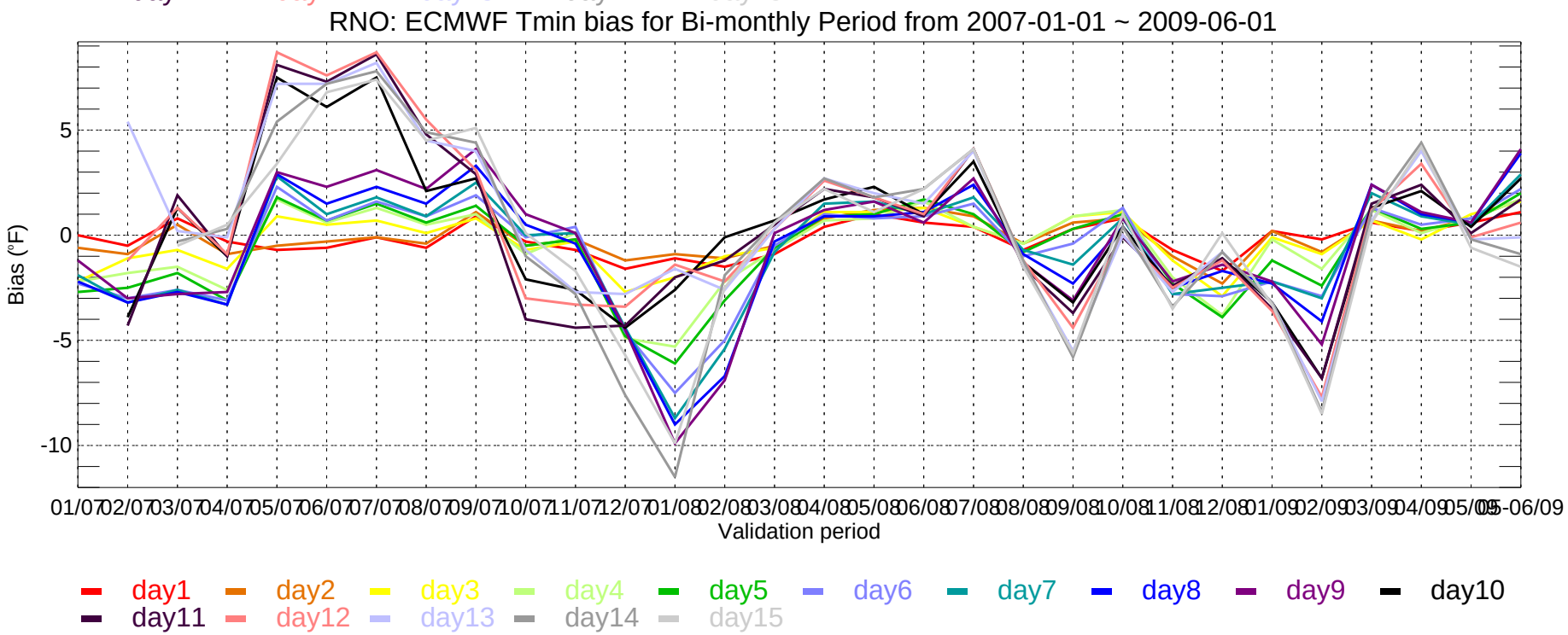

RIC: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

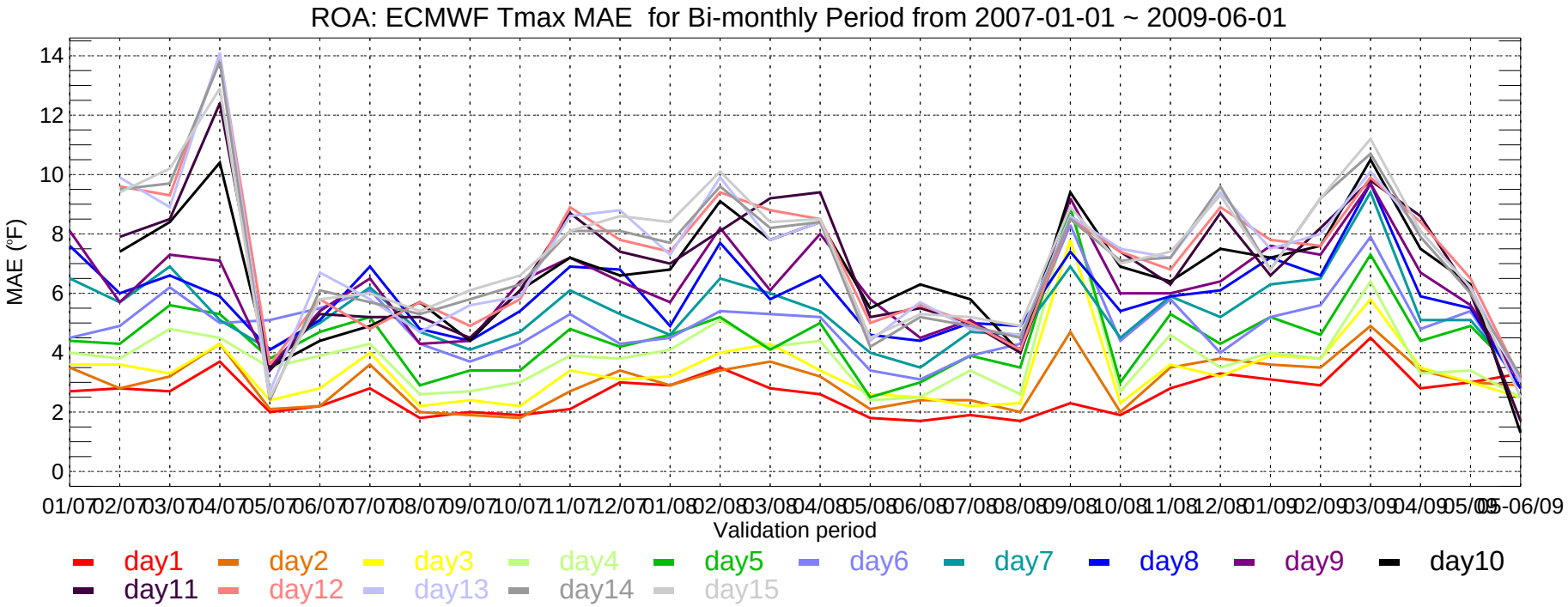

RIC: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

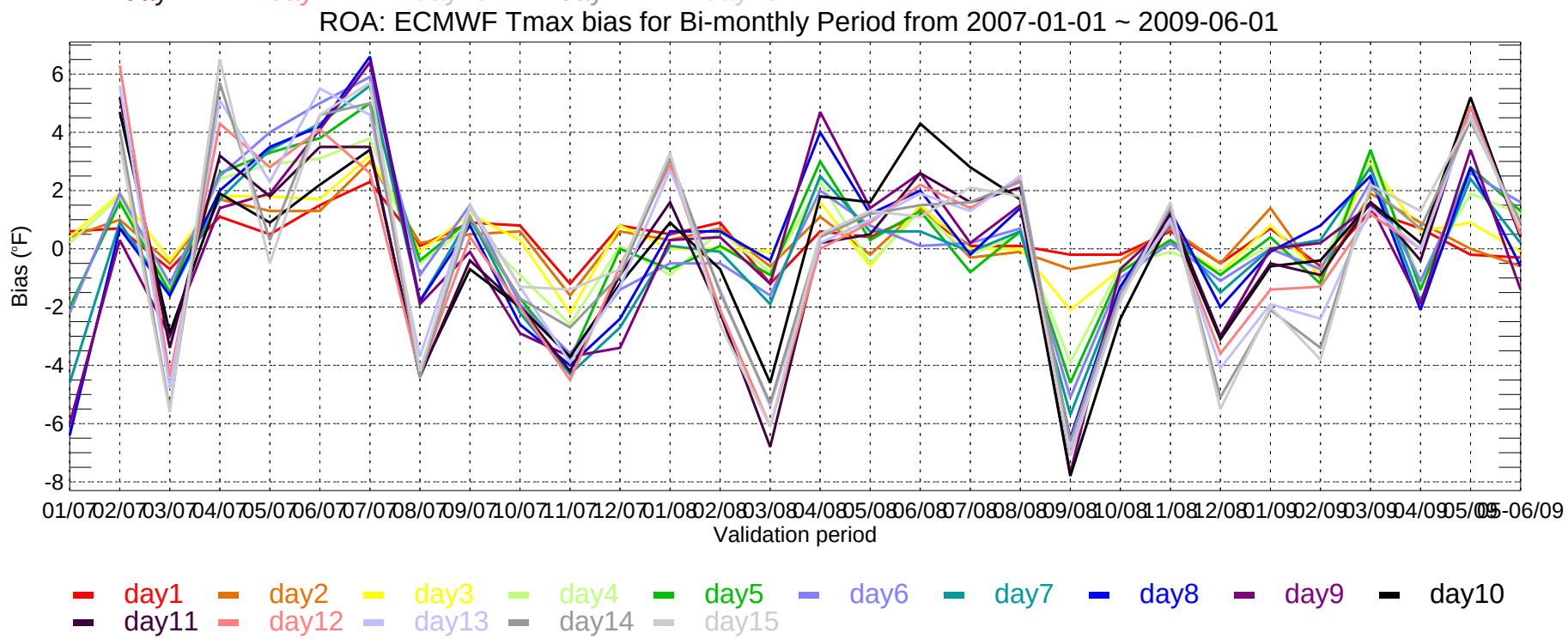

RNO: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

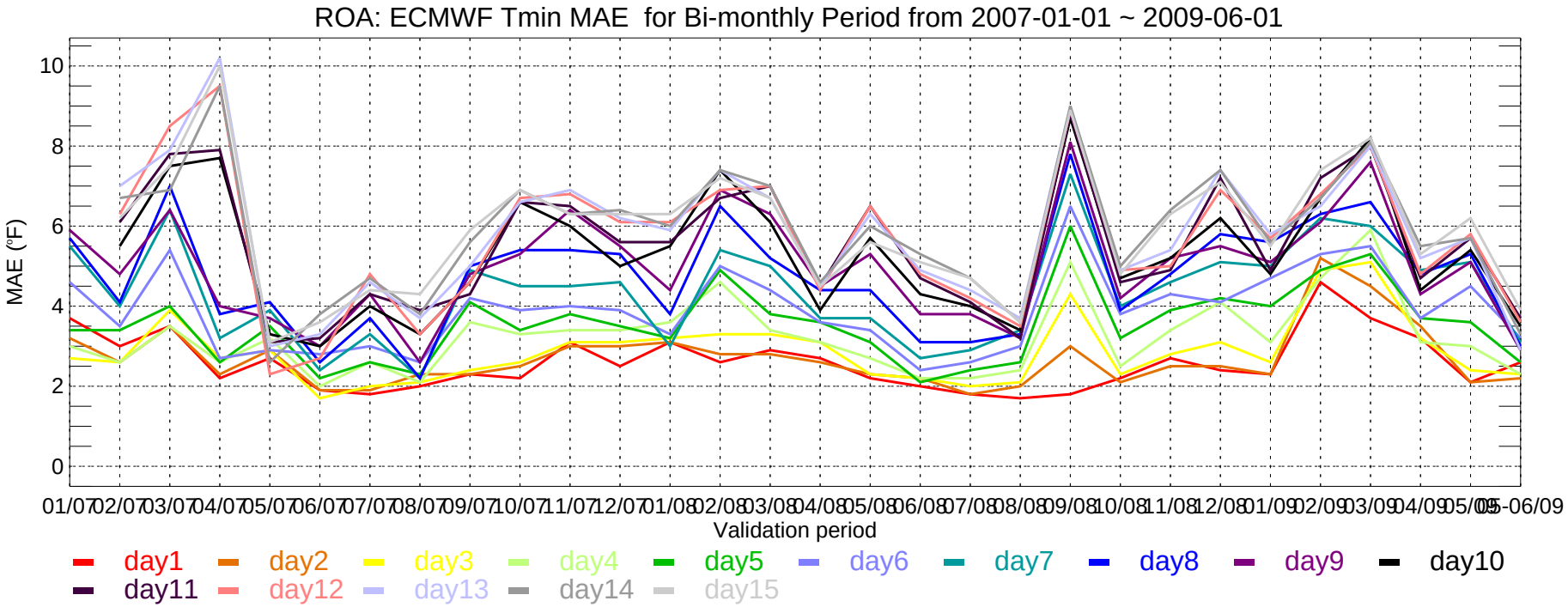

RNO: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

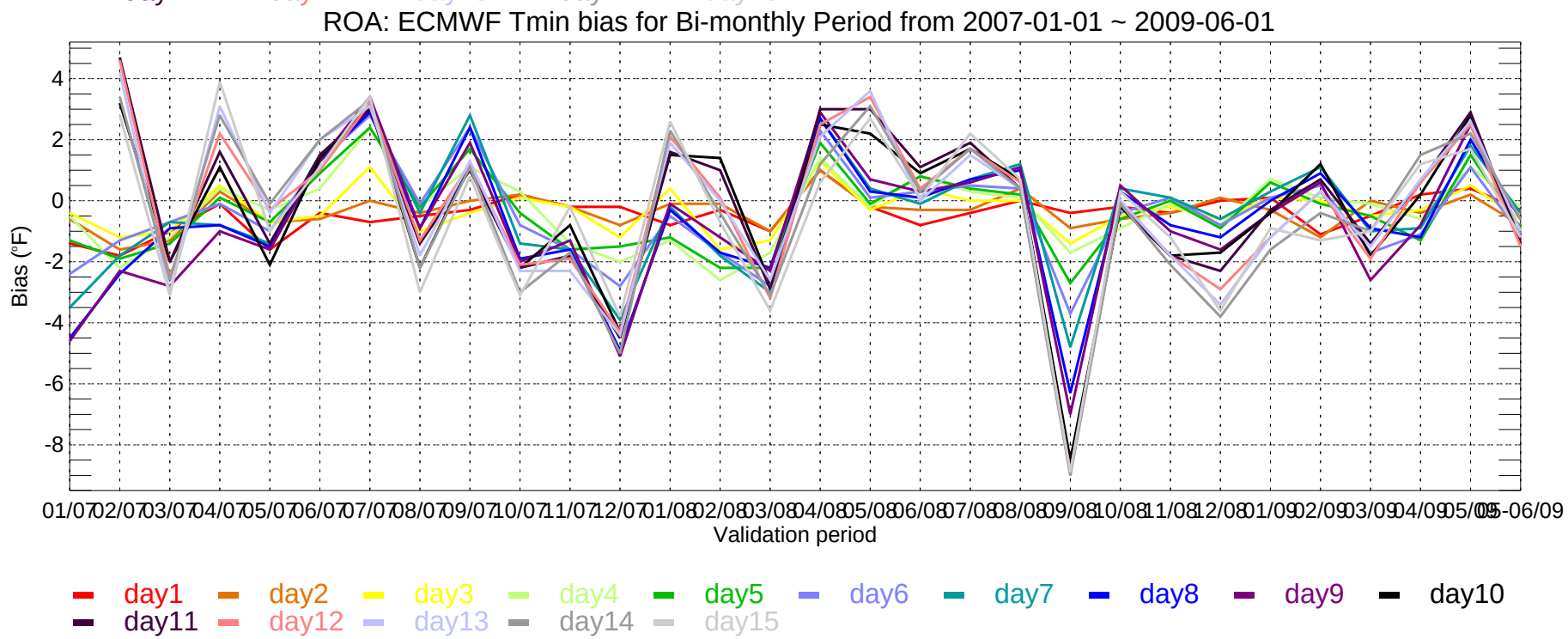

RNO: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

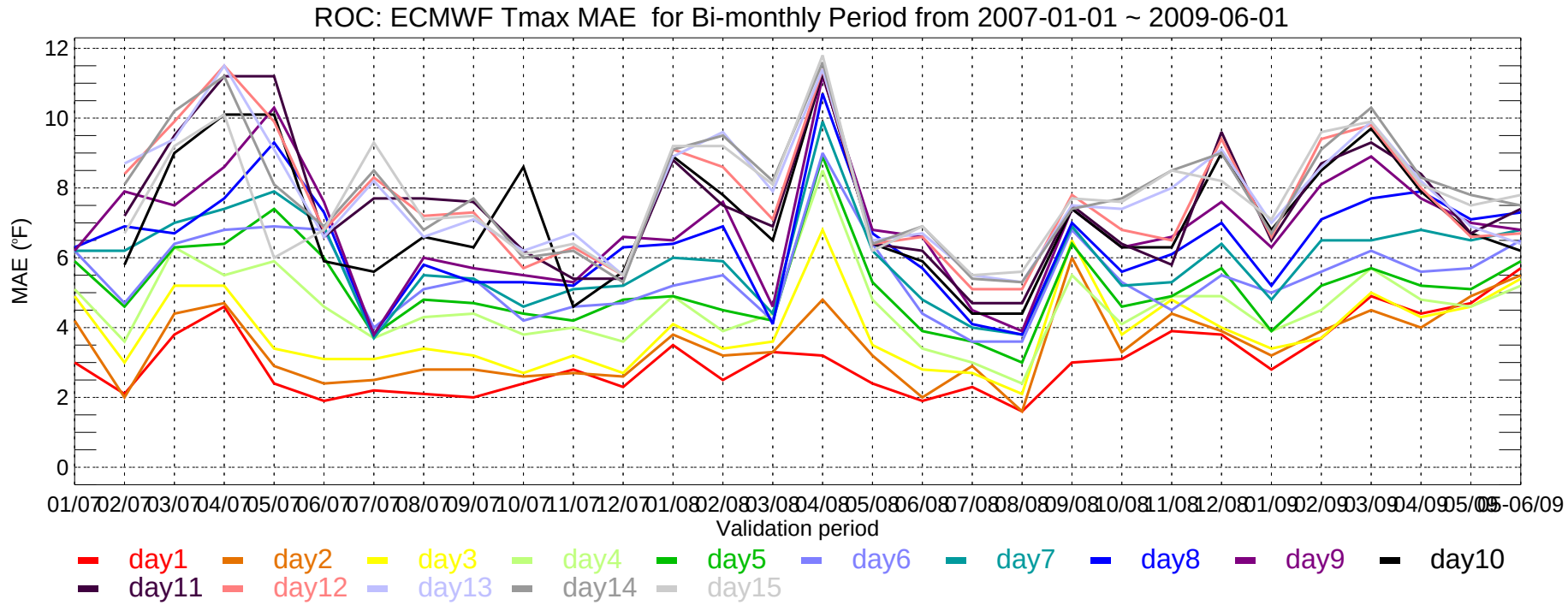

RNO: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

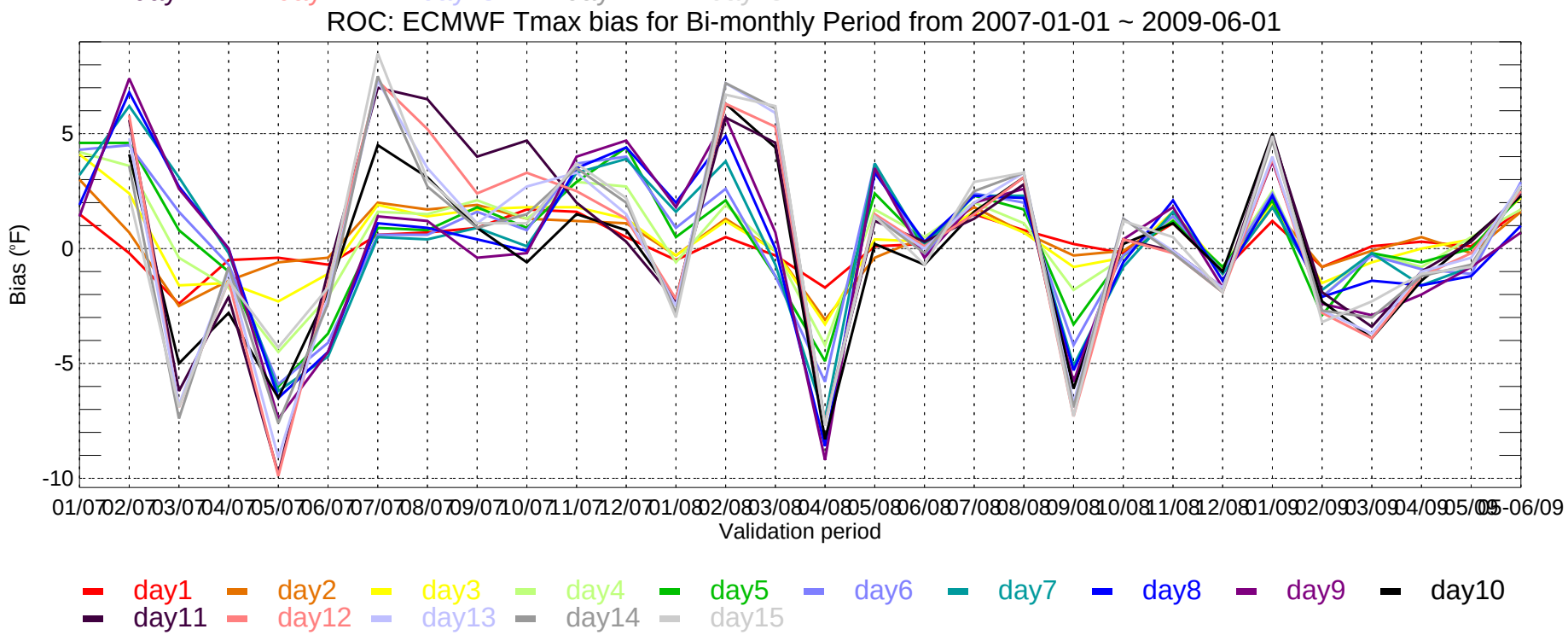

ROA: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

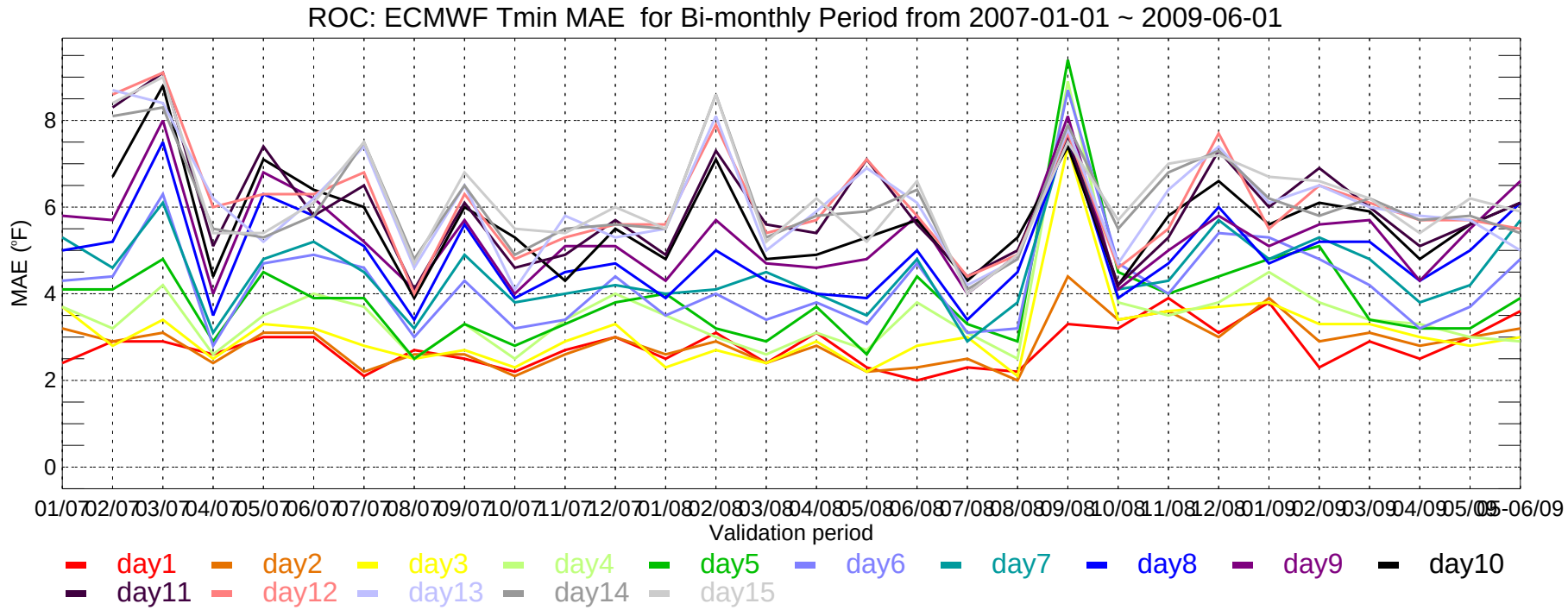

ROA: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

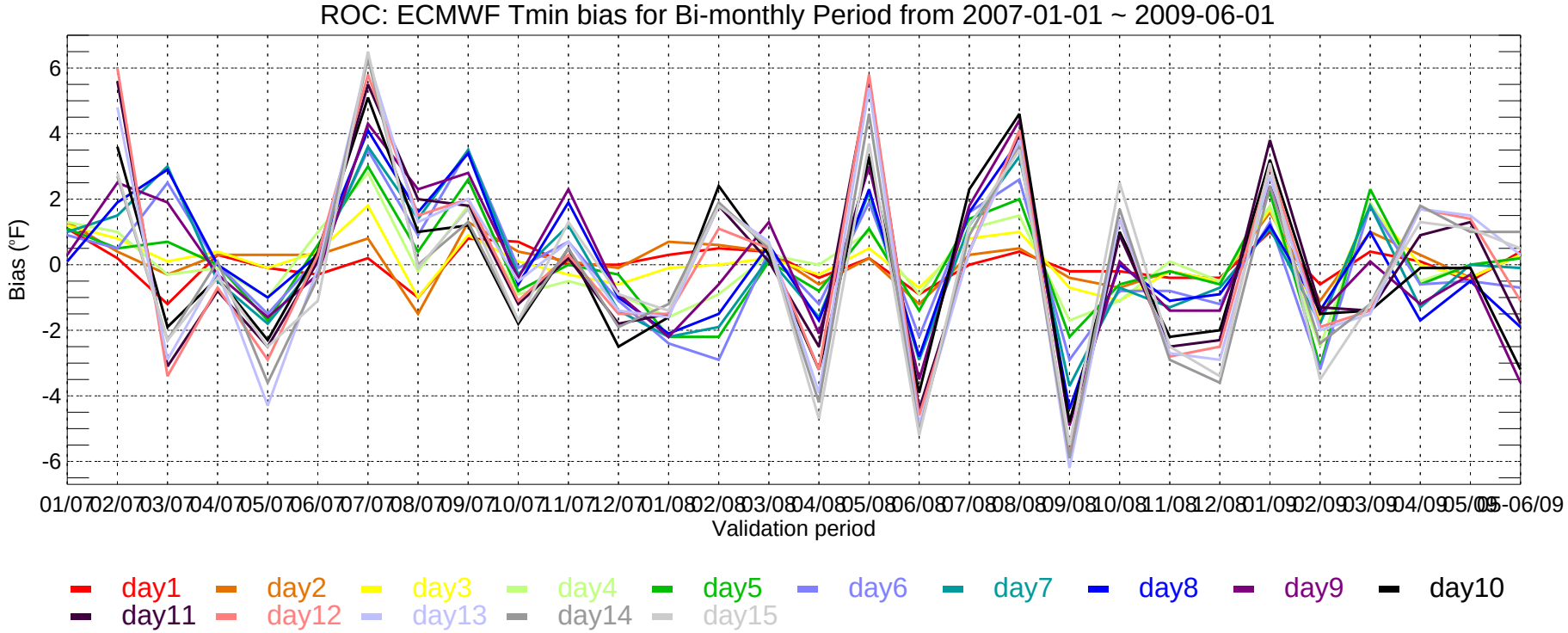

ROA: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

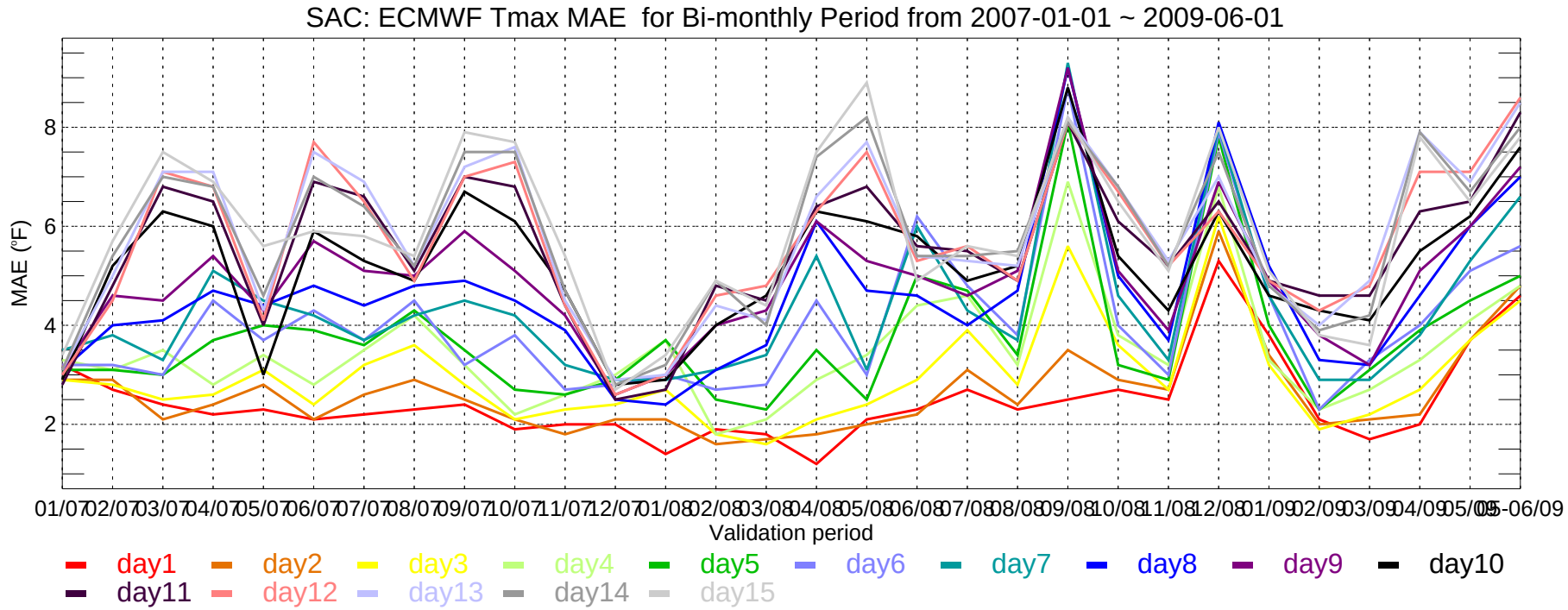

ROA: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

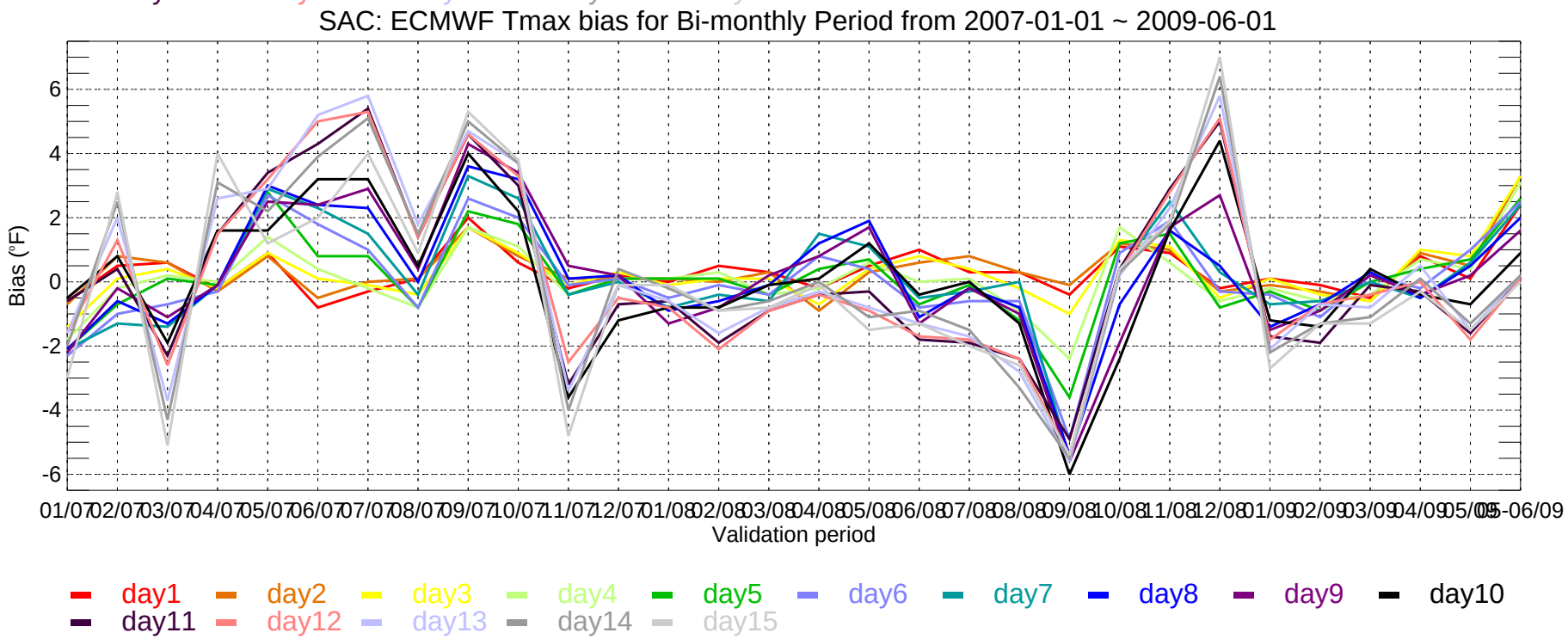

ROC: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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


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


ROC: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ROC: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SAC: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SAC: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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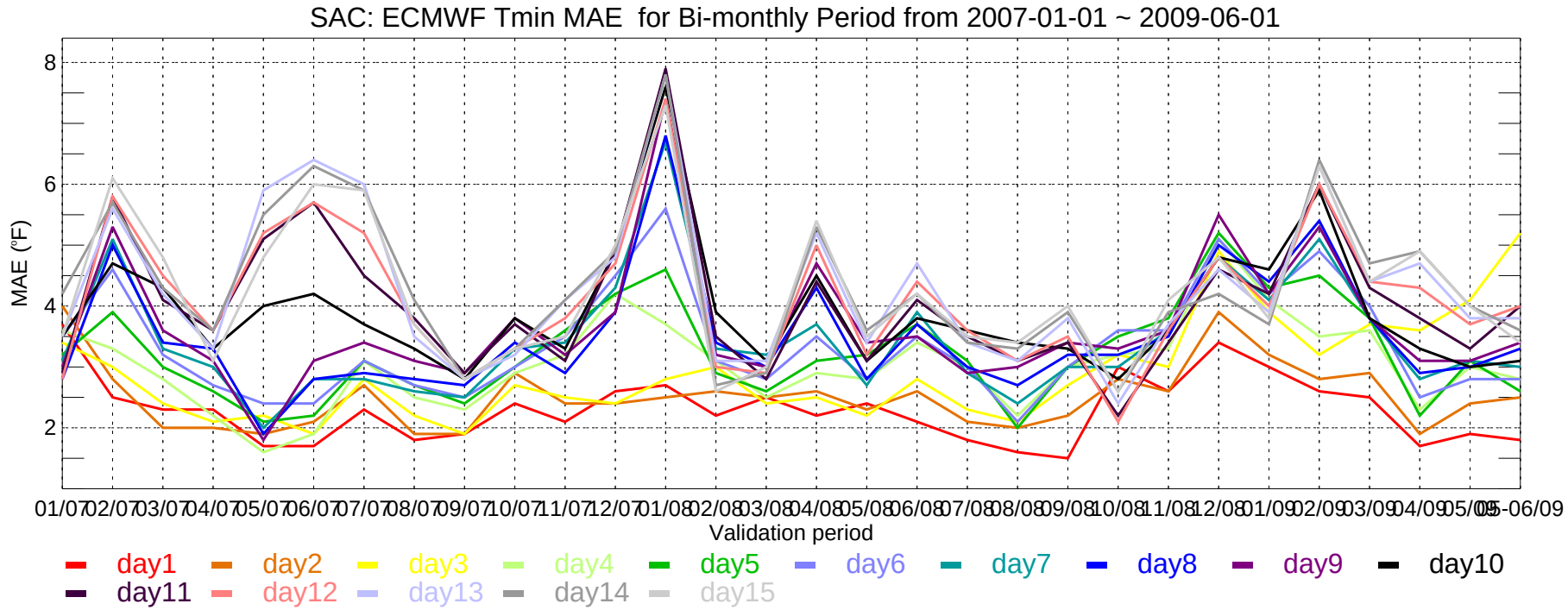
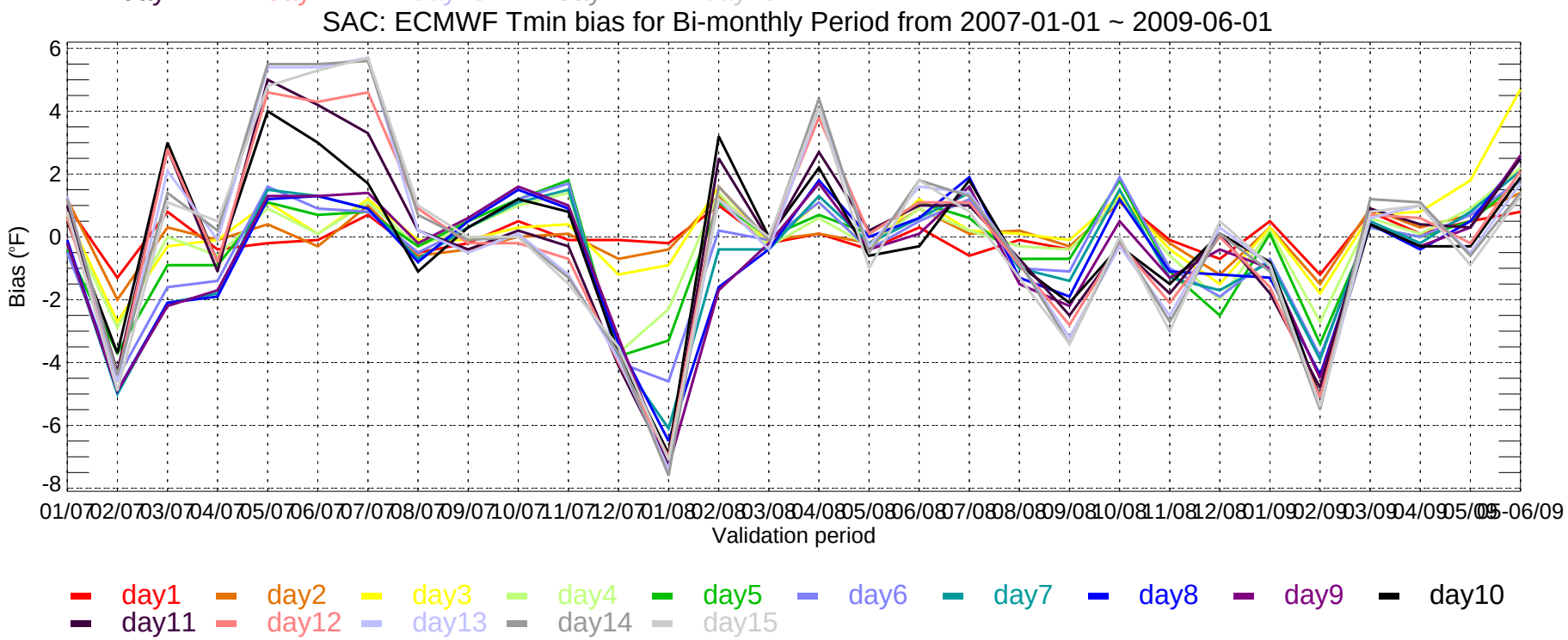
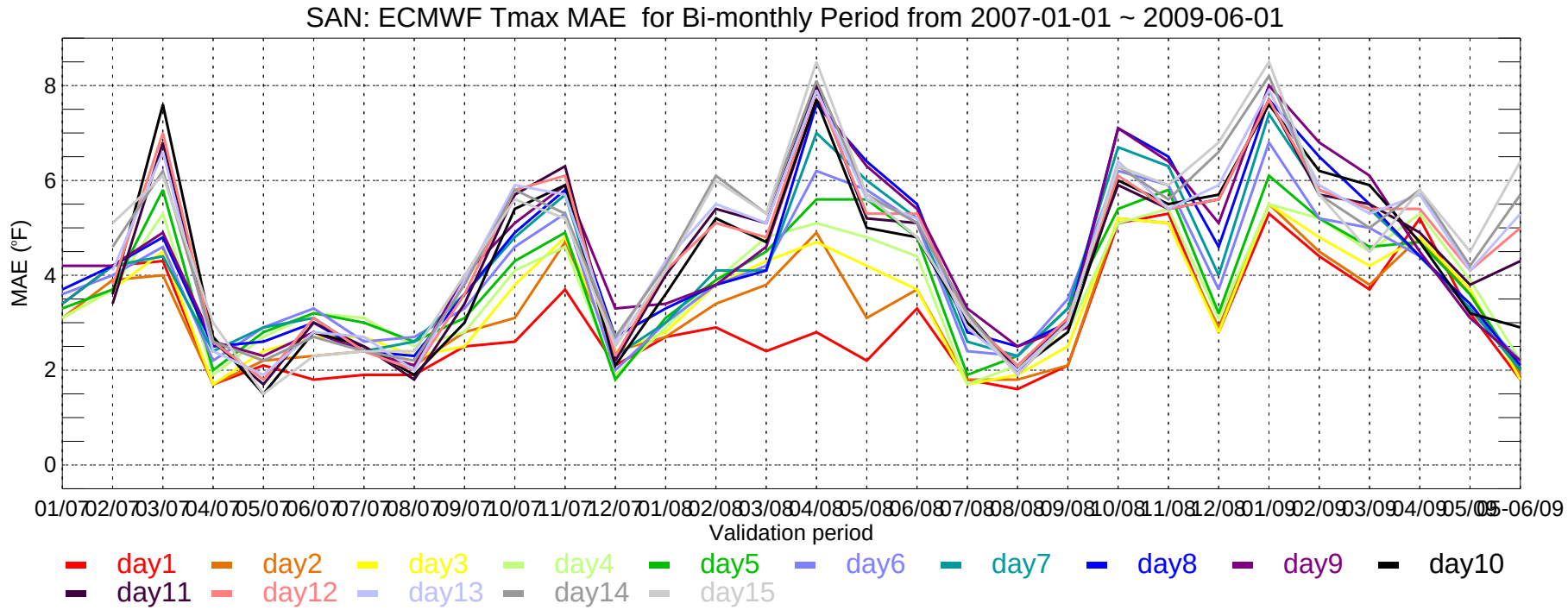
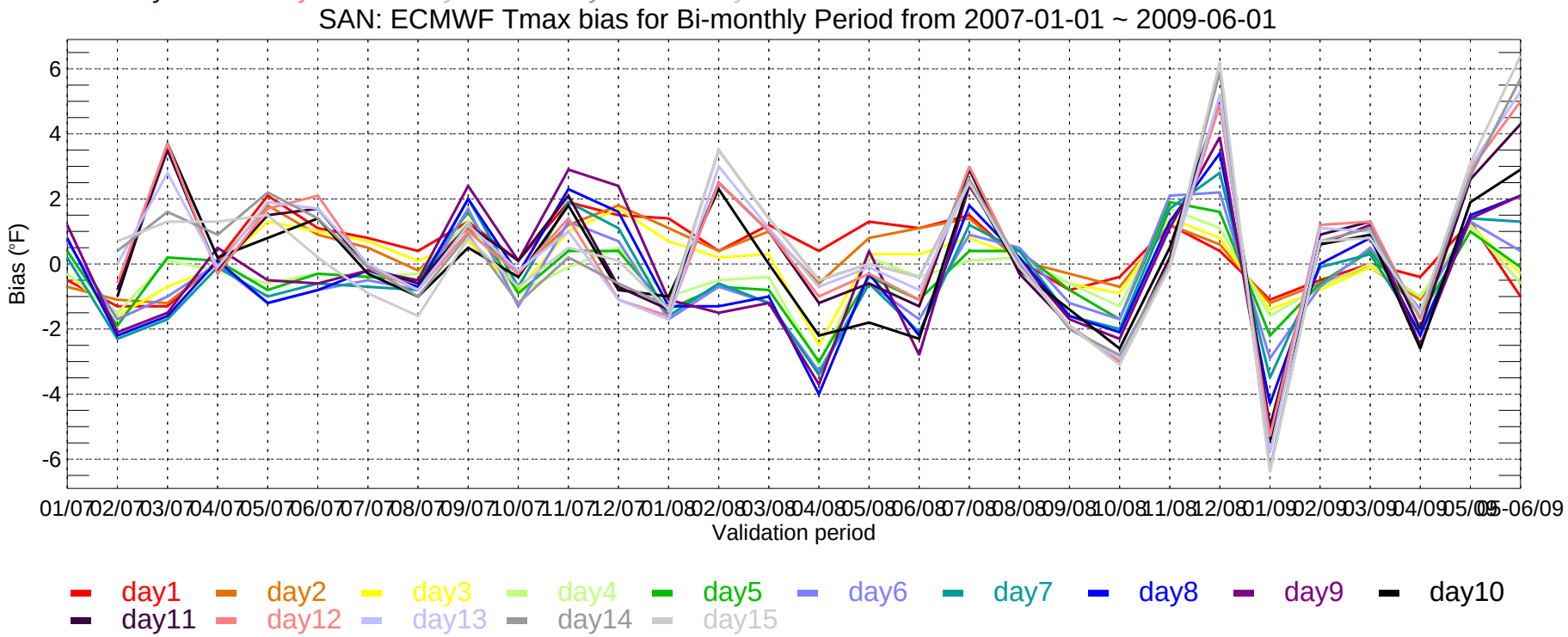
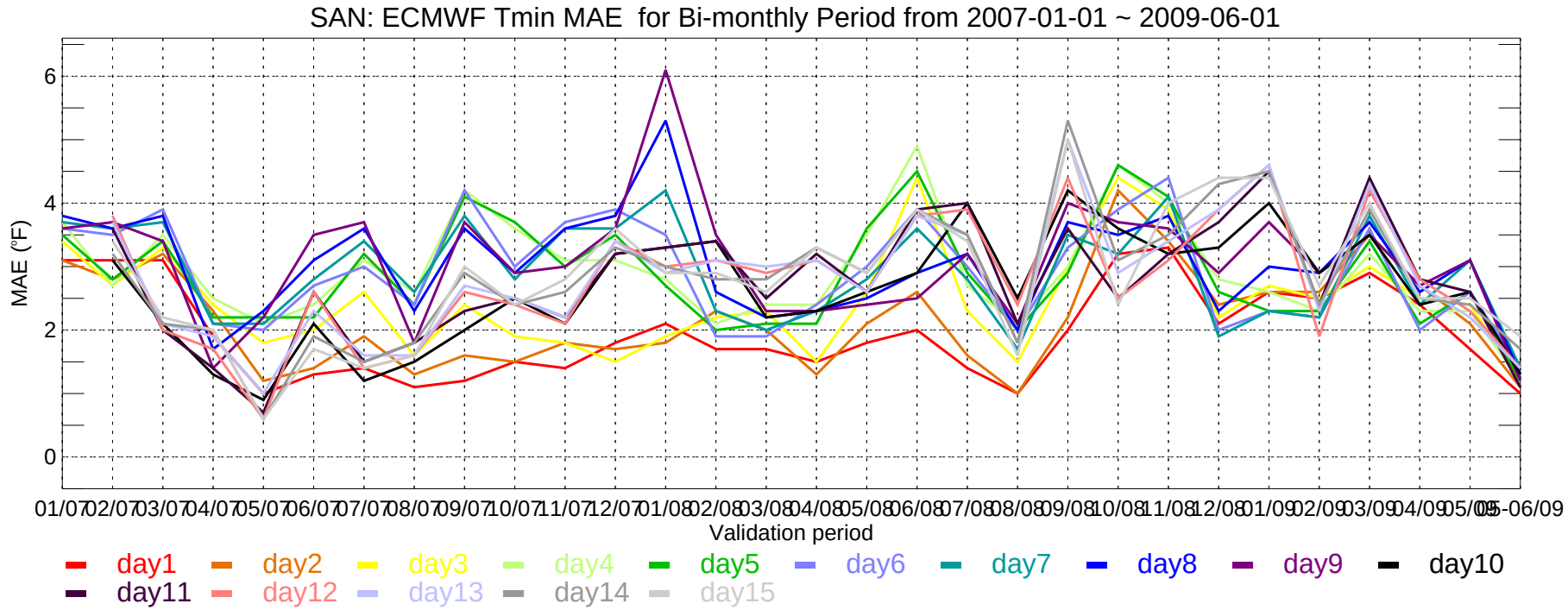
day11 day12 day13 day14 day15

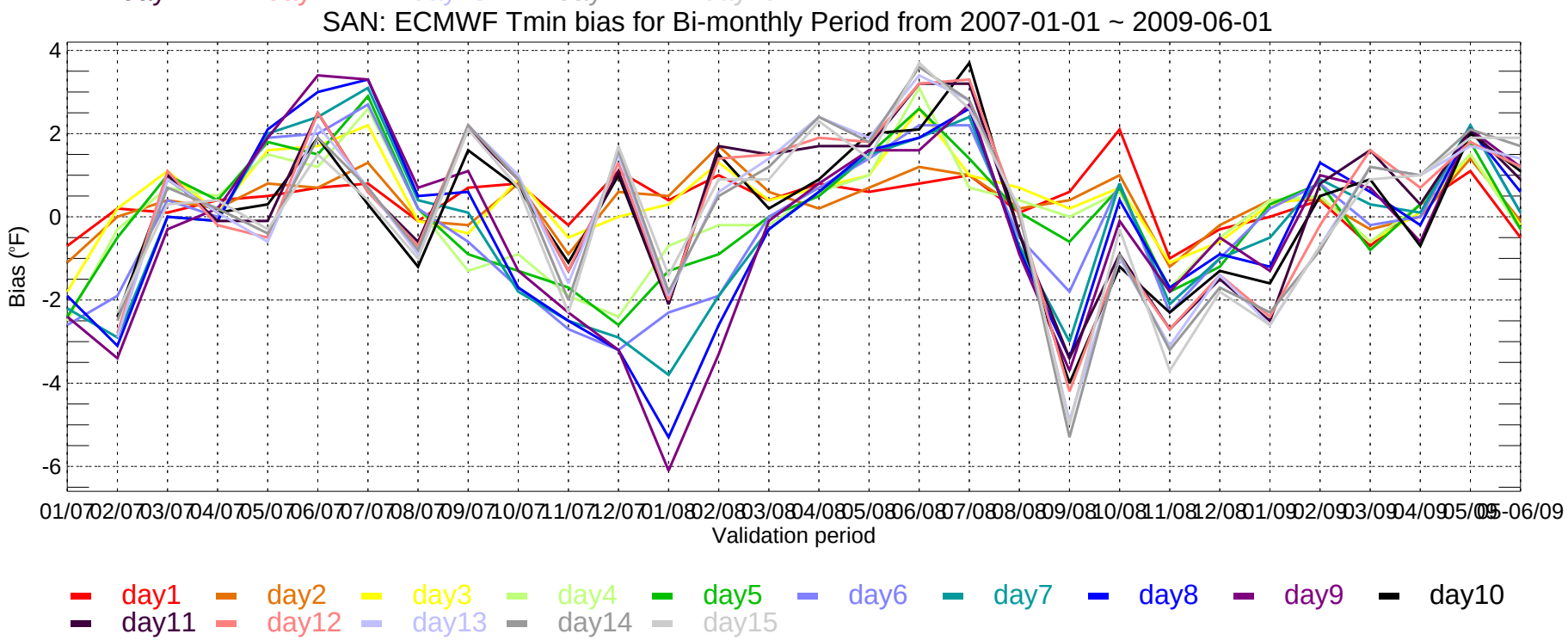

SAC: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

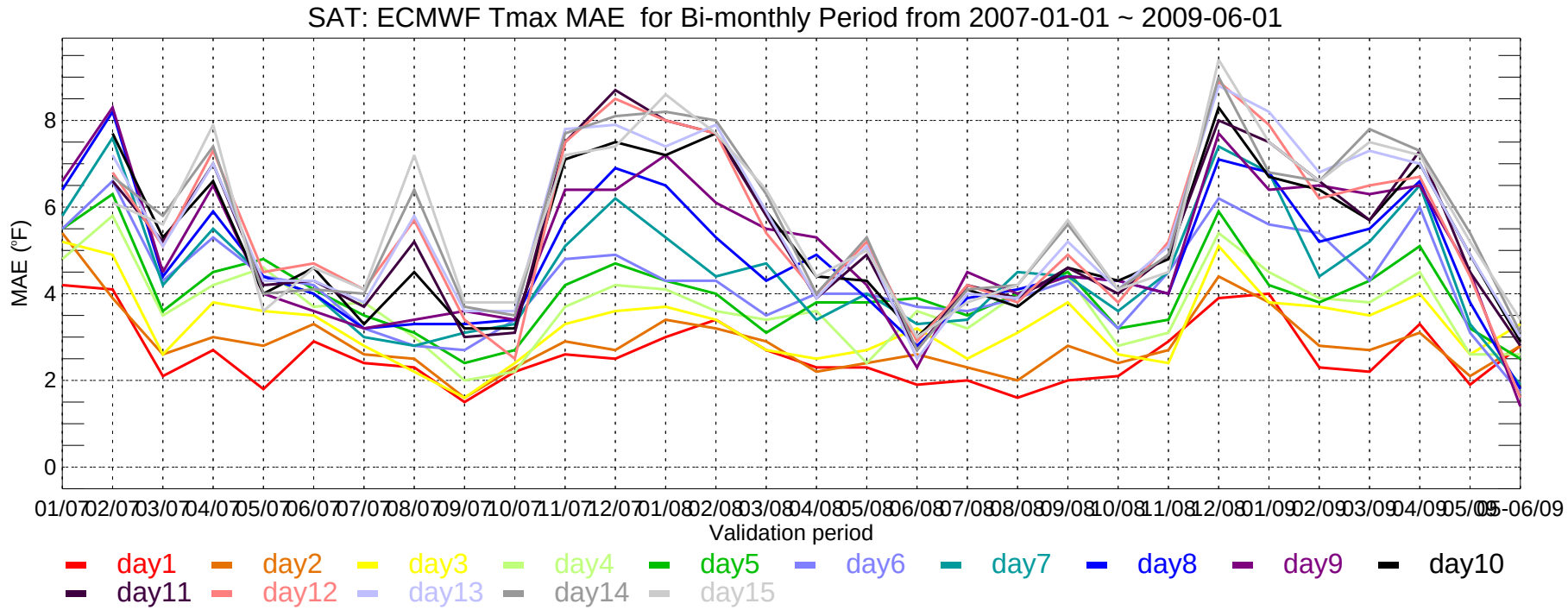

SAC: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

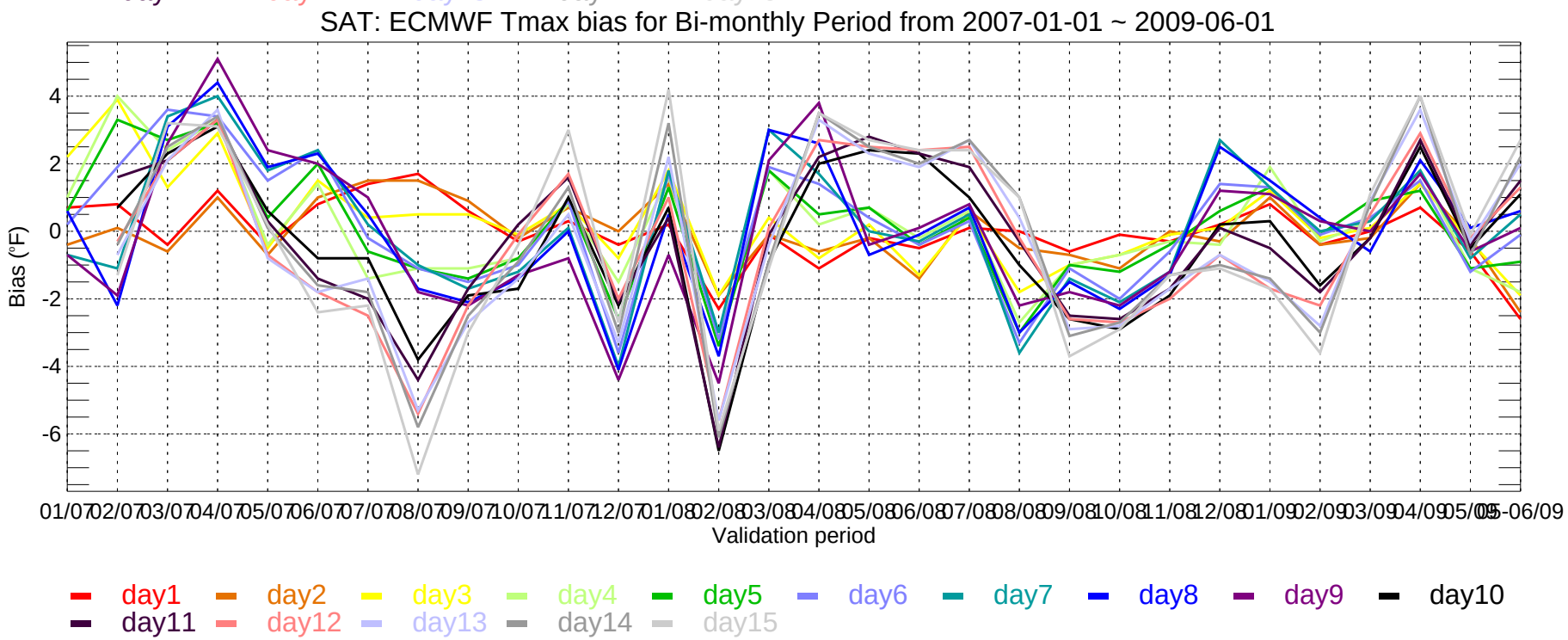

SAN: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

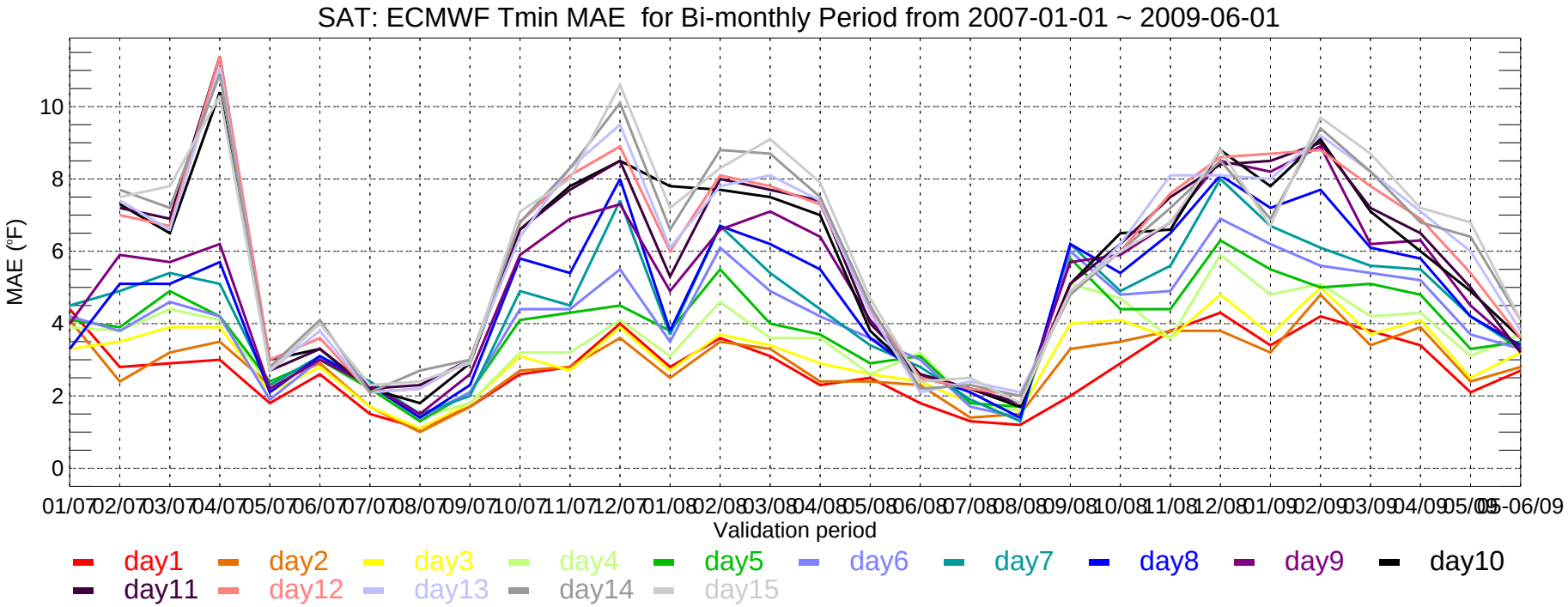

SAN: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

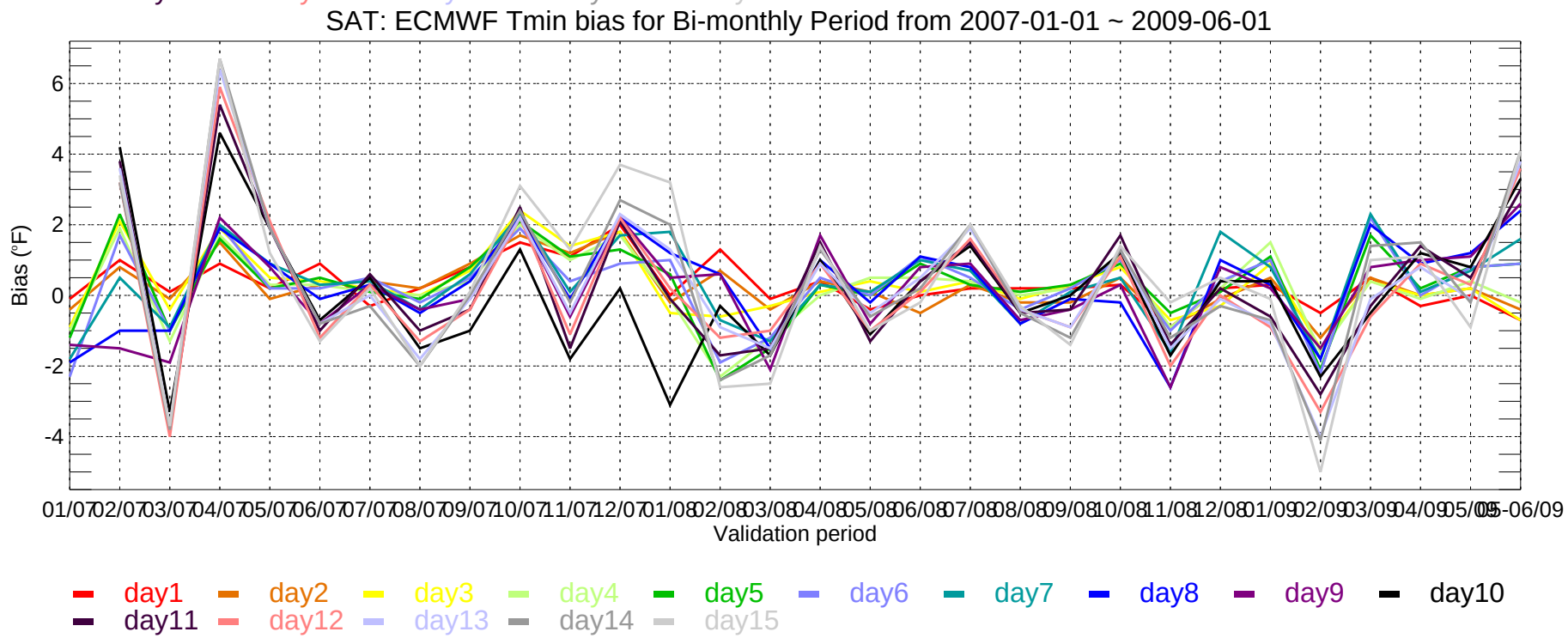

SAN: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

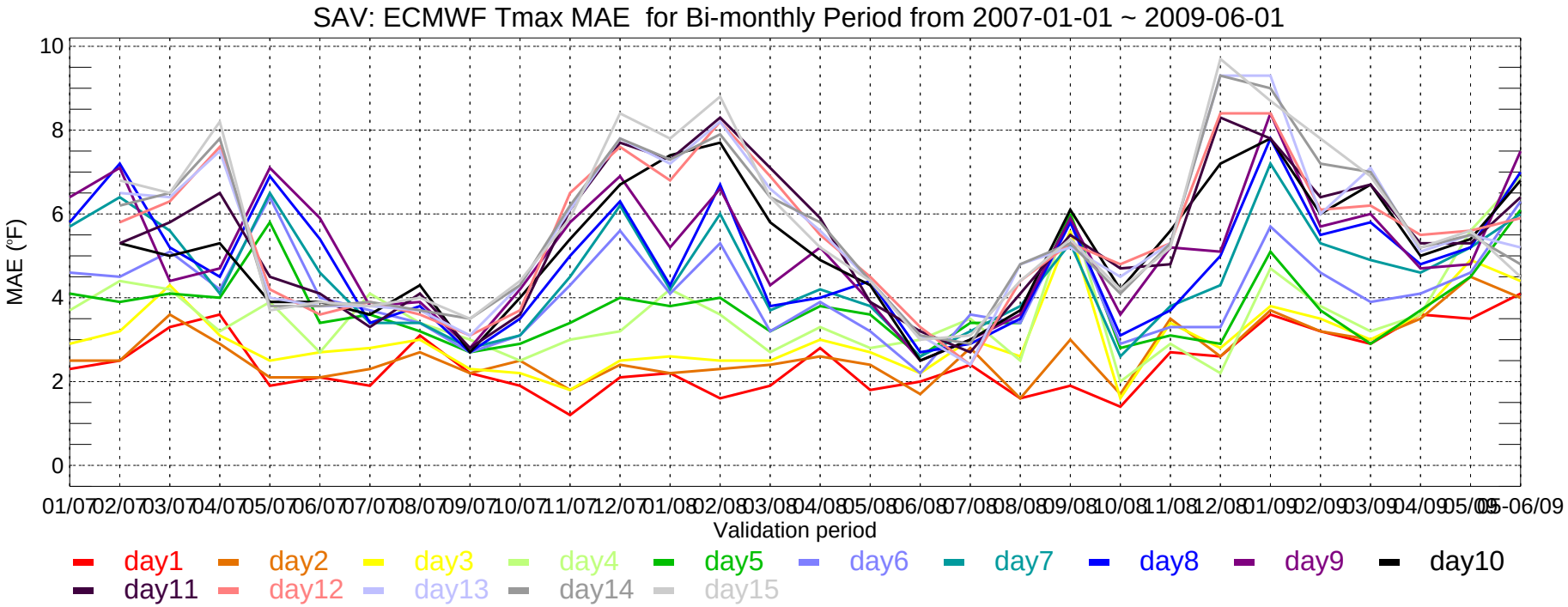

SAN: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

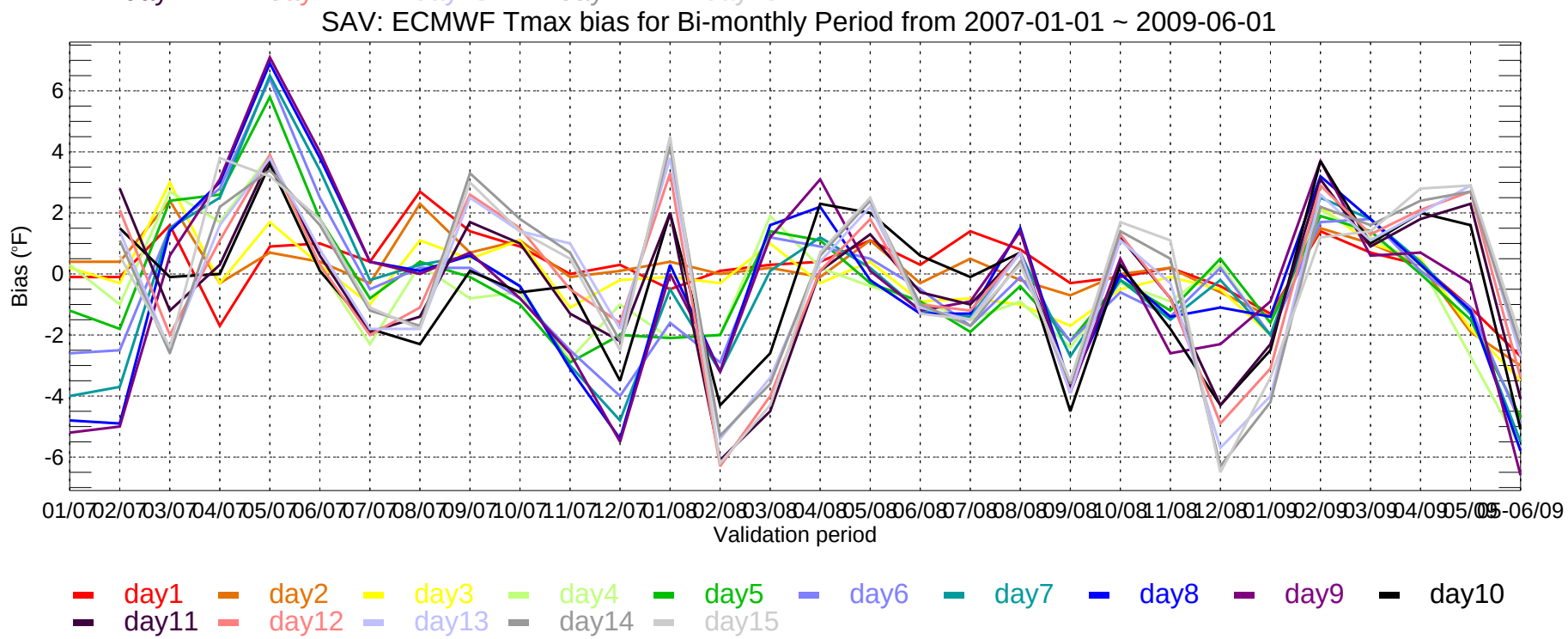

SAT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

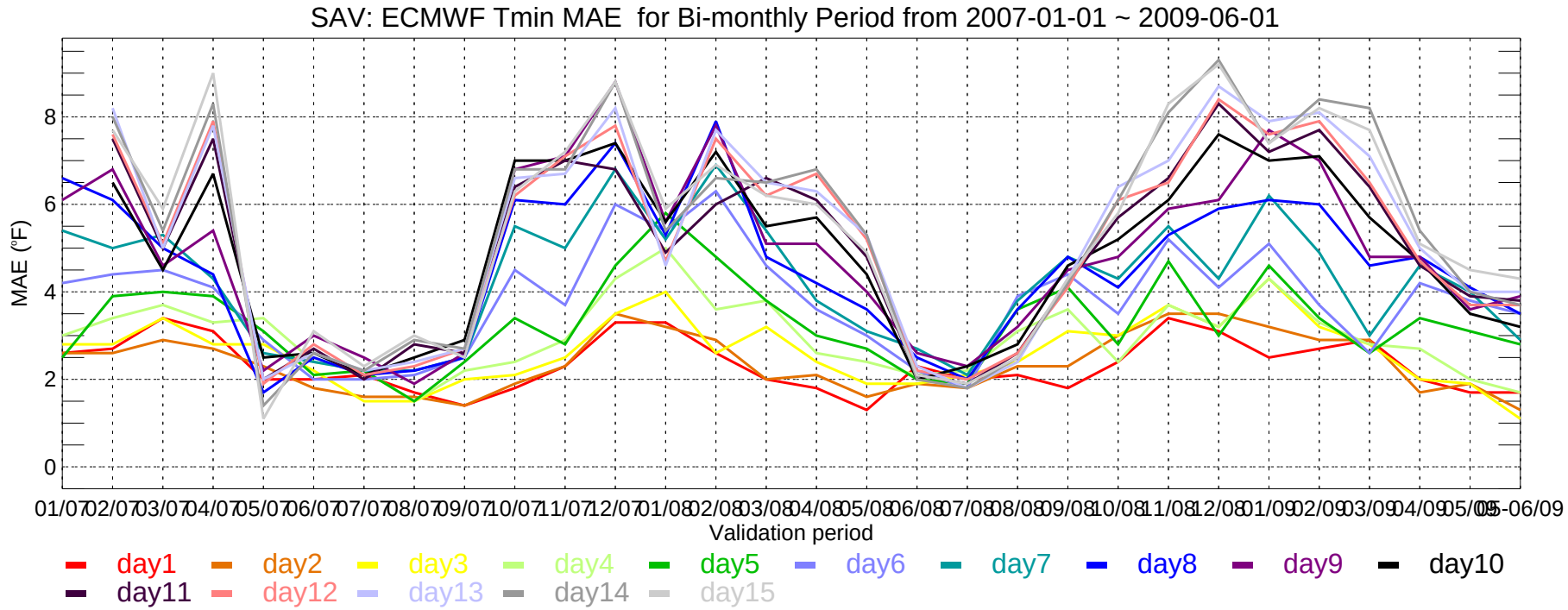

SAT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

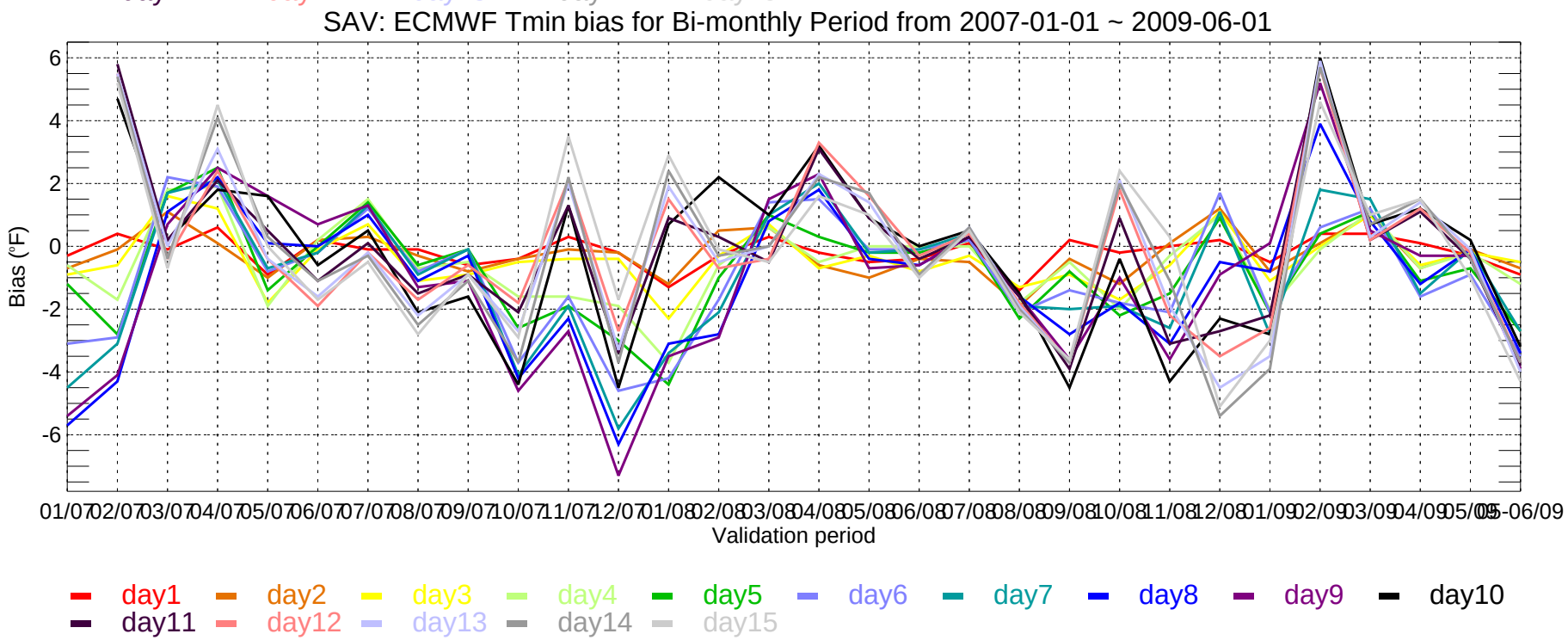

SAT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

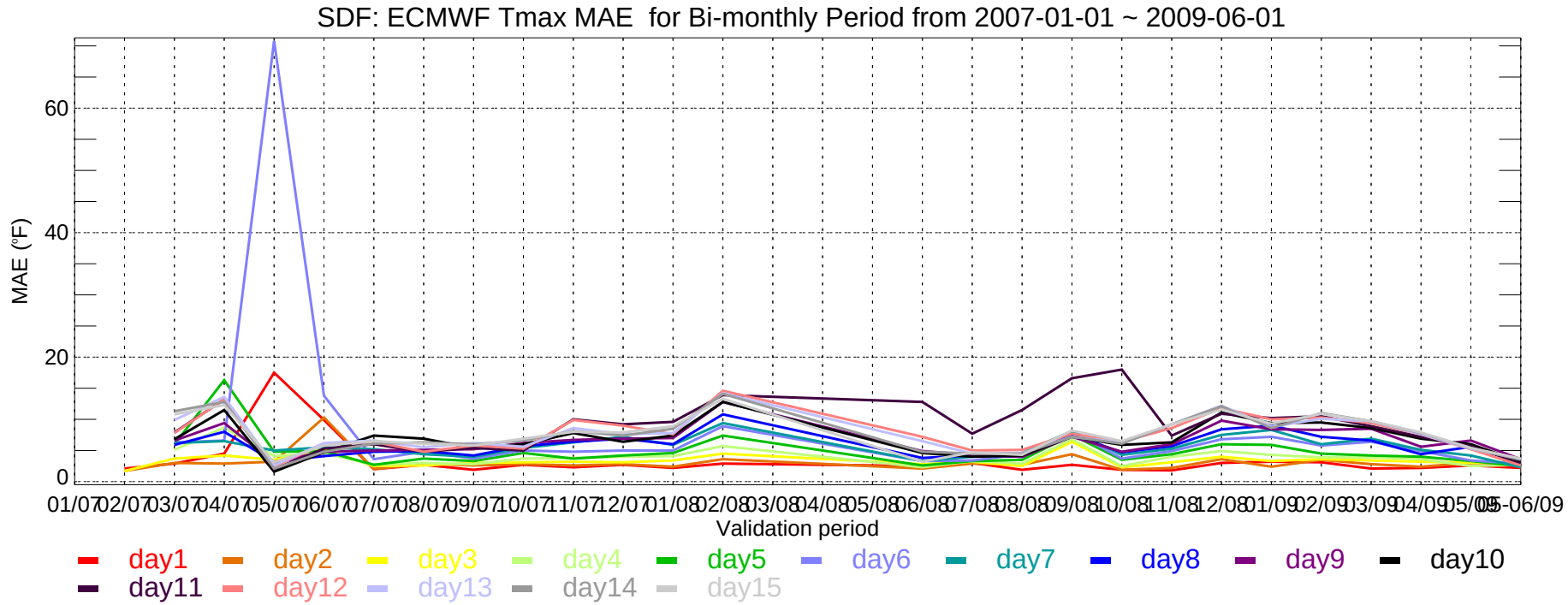

SAT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

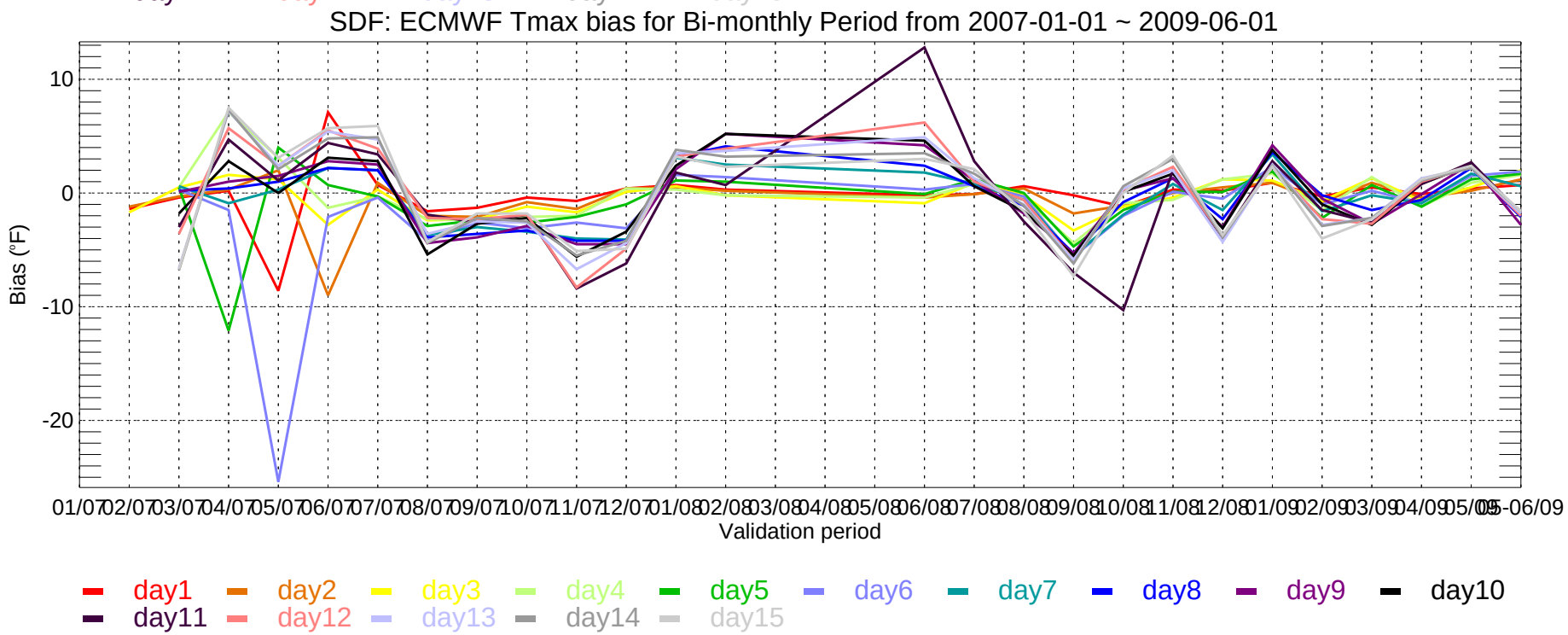

SAV: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
day1 day2 day3 day4 day5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

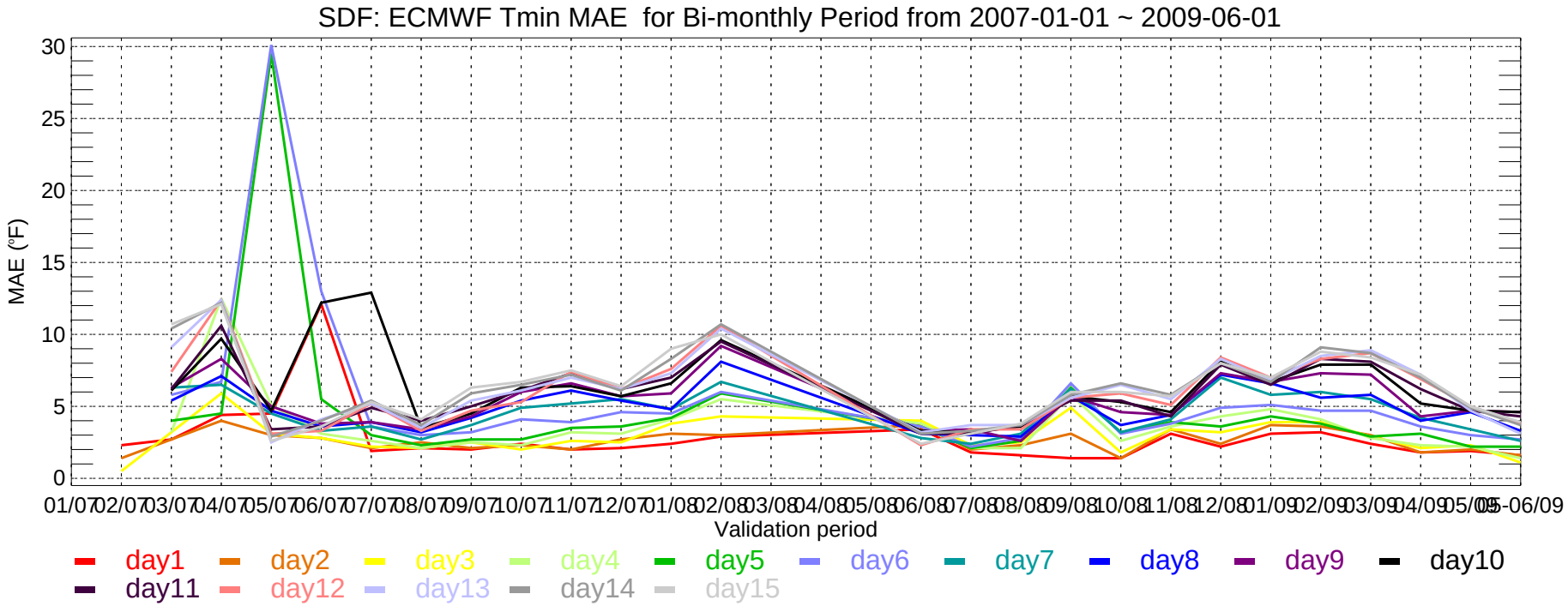

SAV: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
day1 day2 day3 day4 day5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

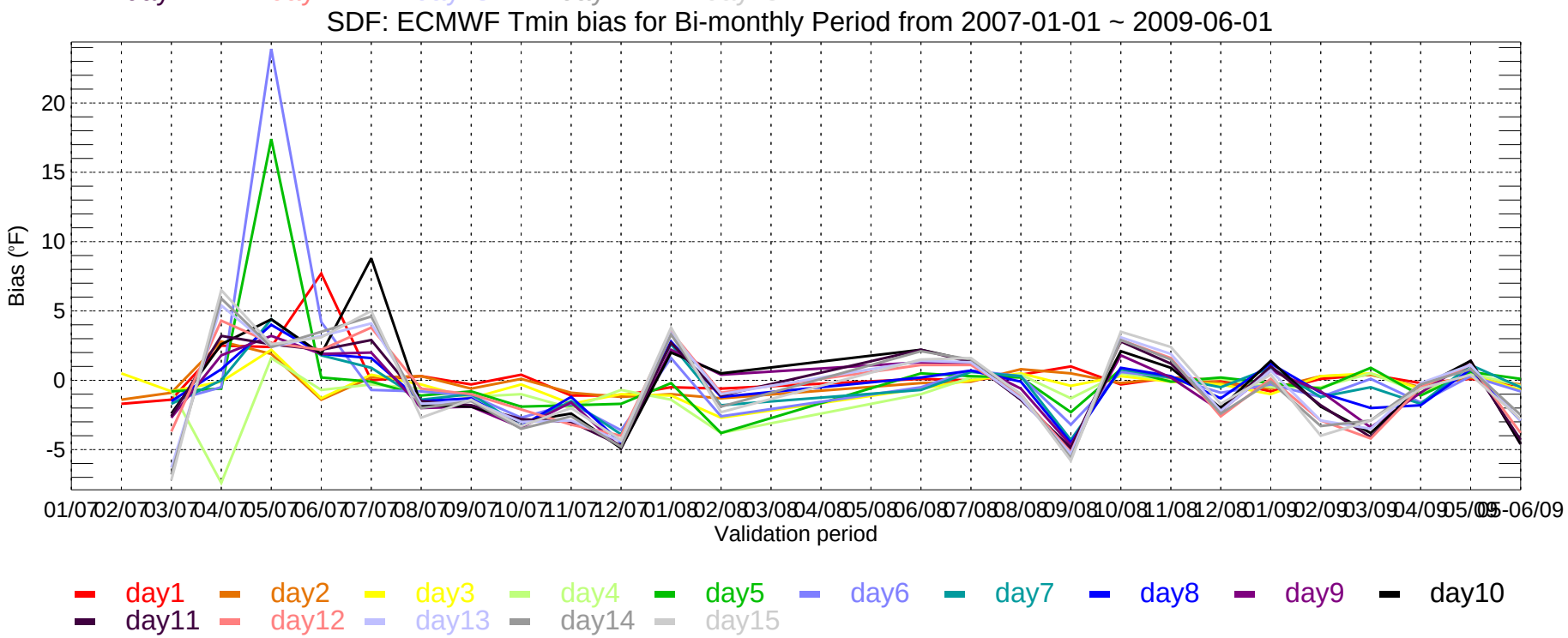

SAV: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

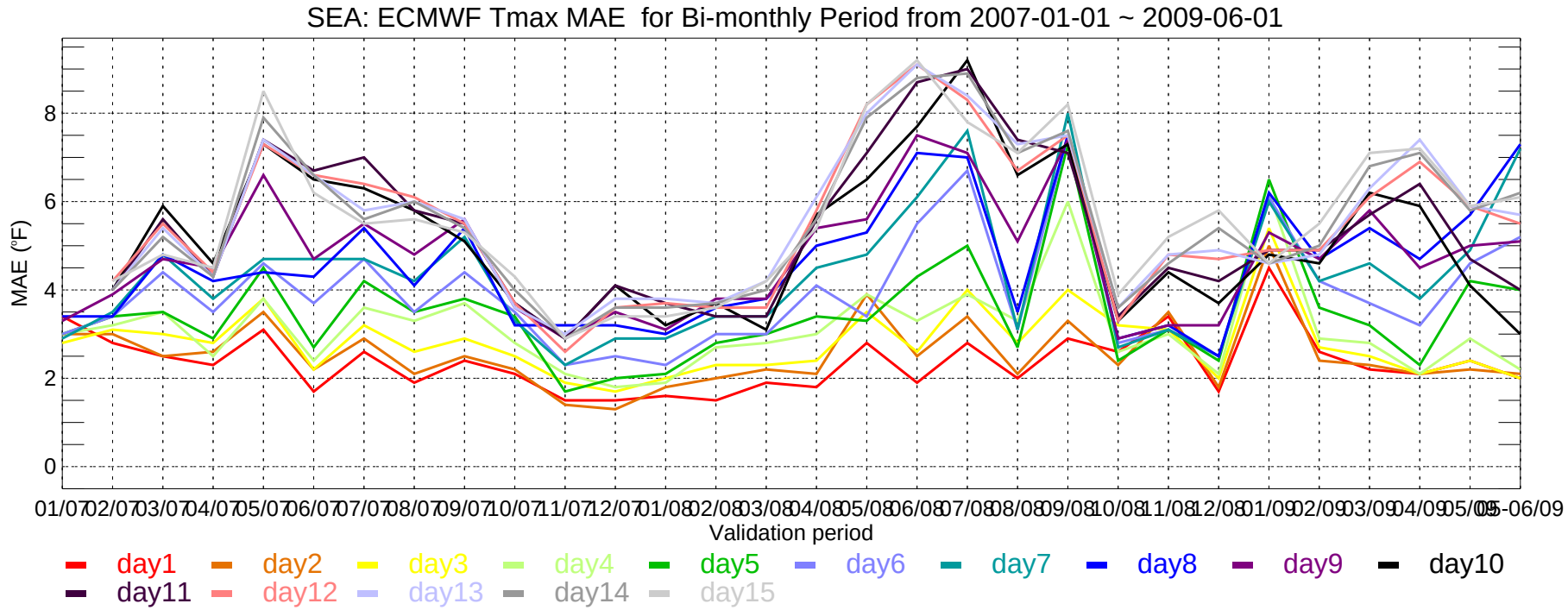

SAV: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

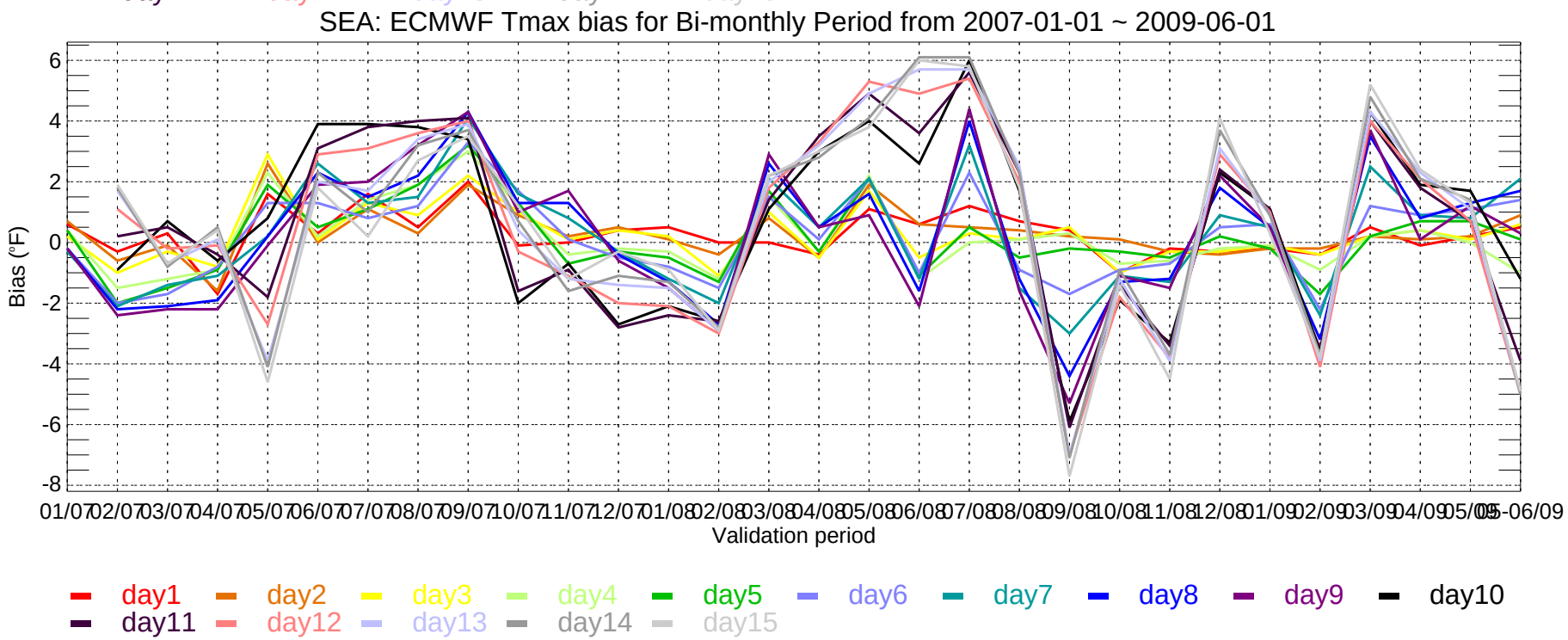

SDF: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
60
40
20
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

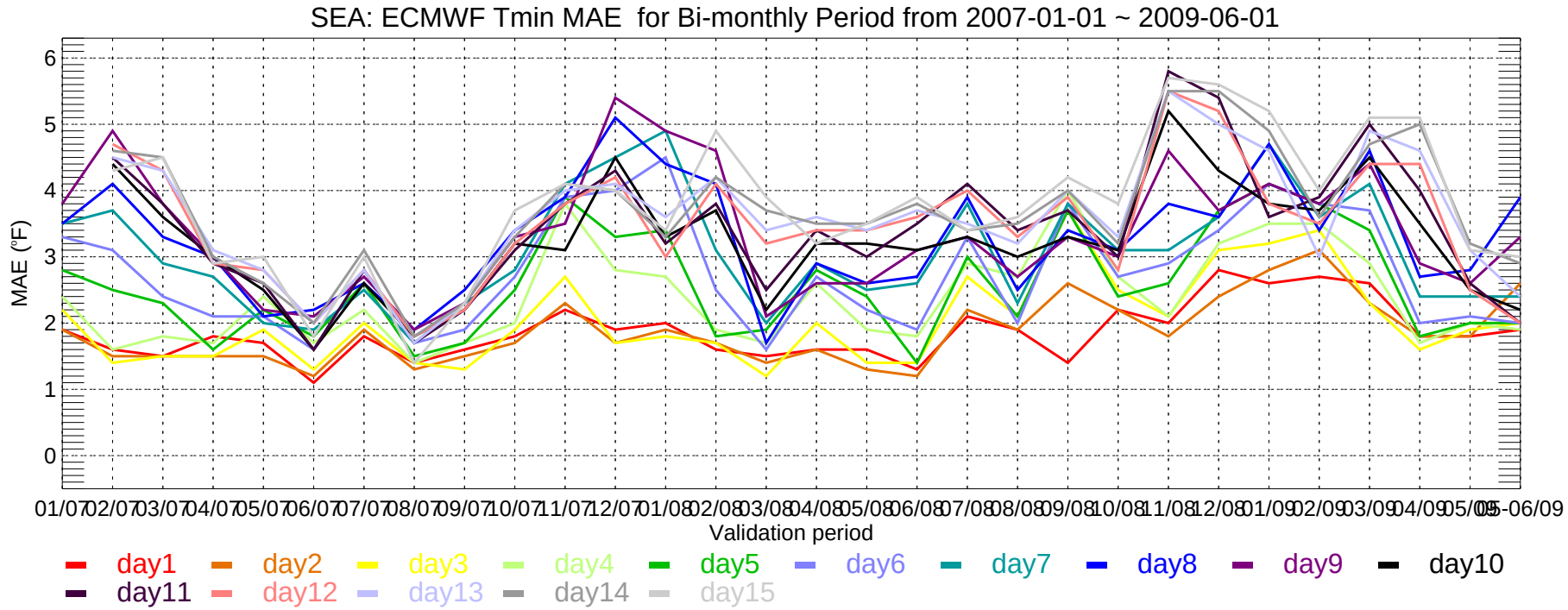

SDF: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
0
-10
-20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

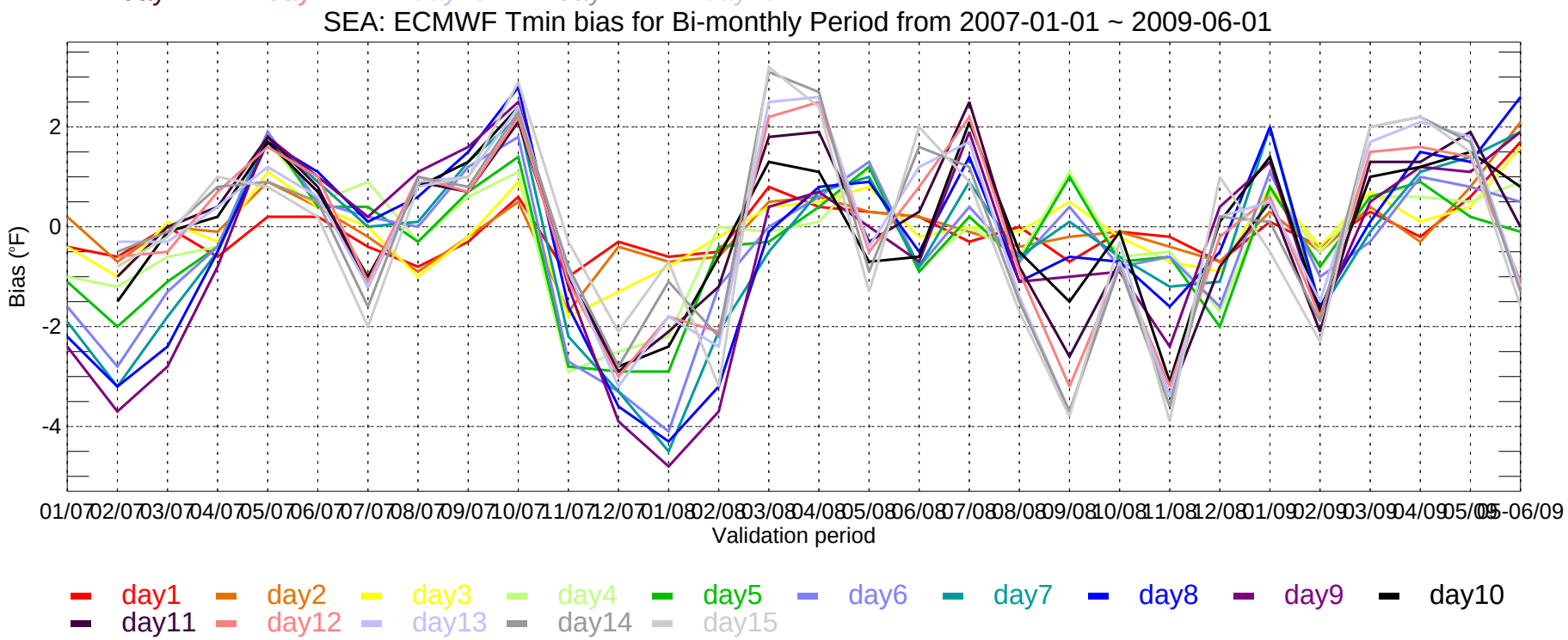

SDF: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

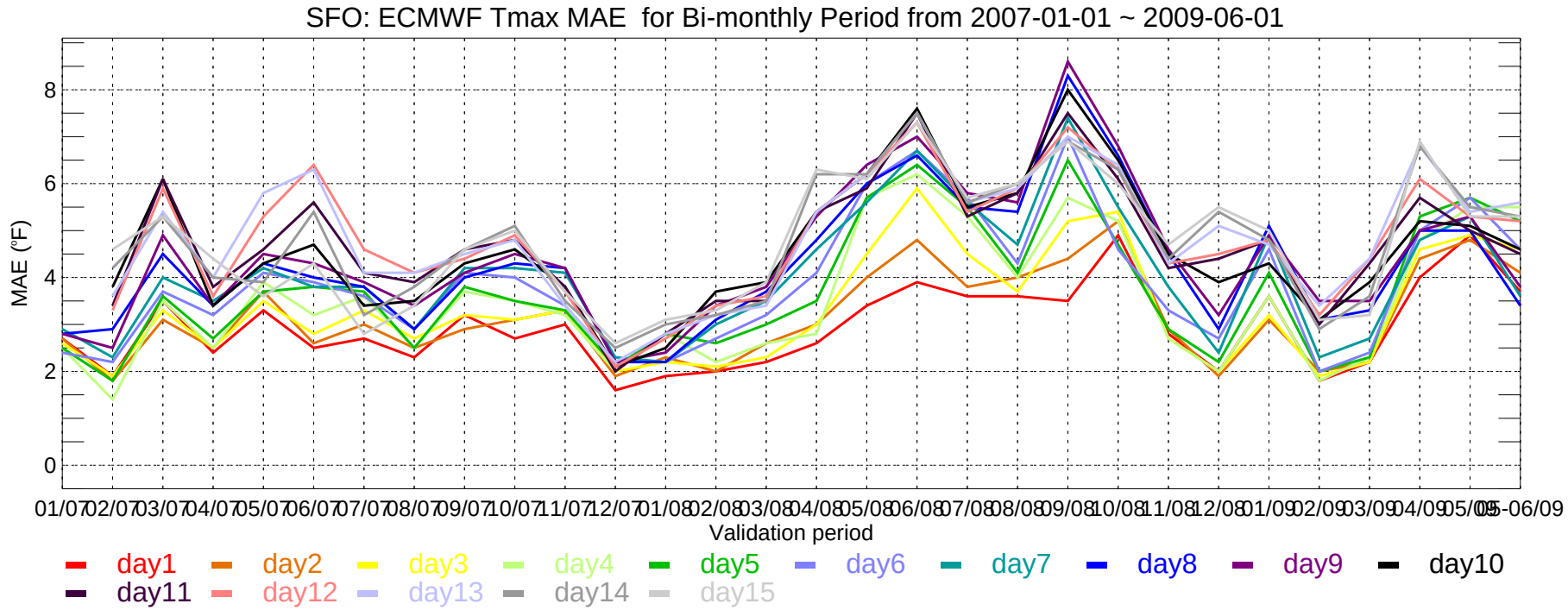

SDF: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

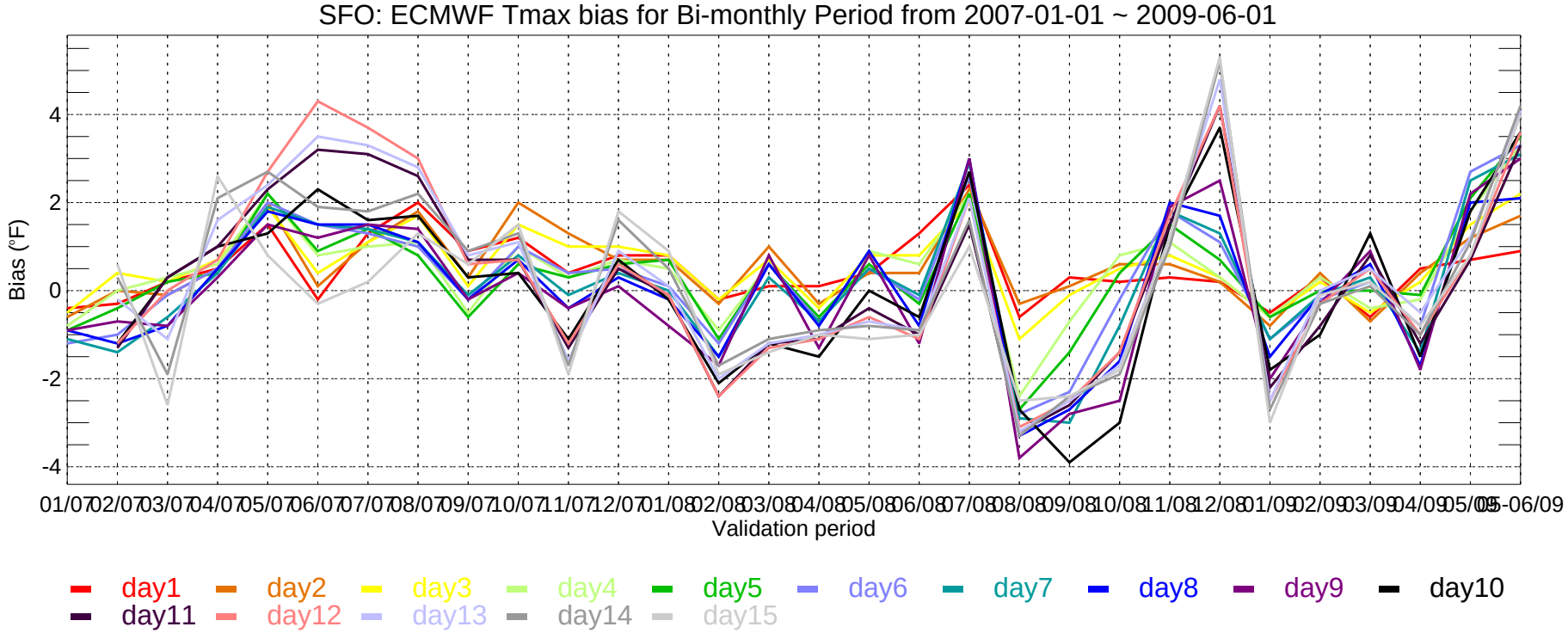

SEA: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

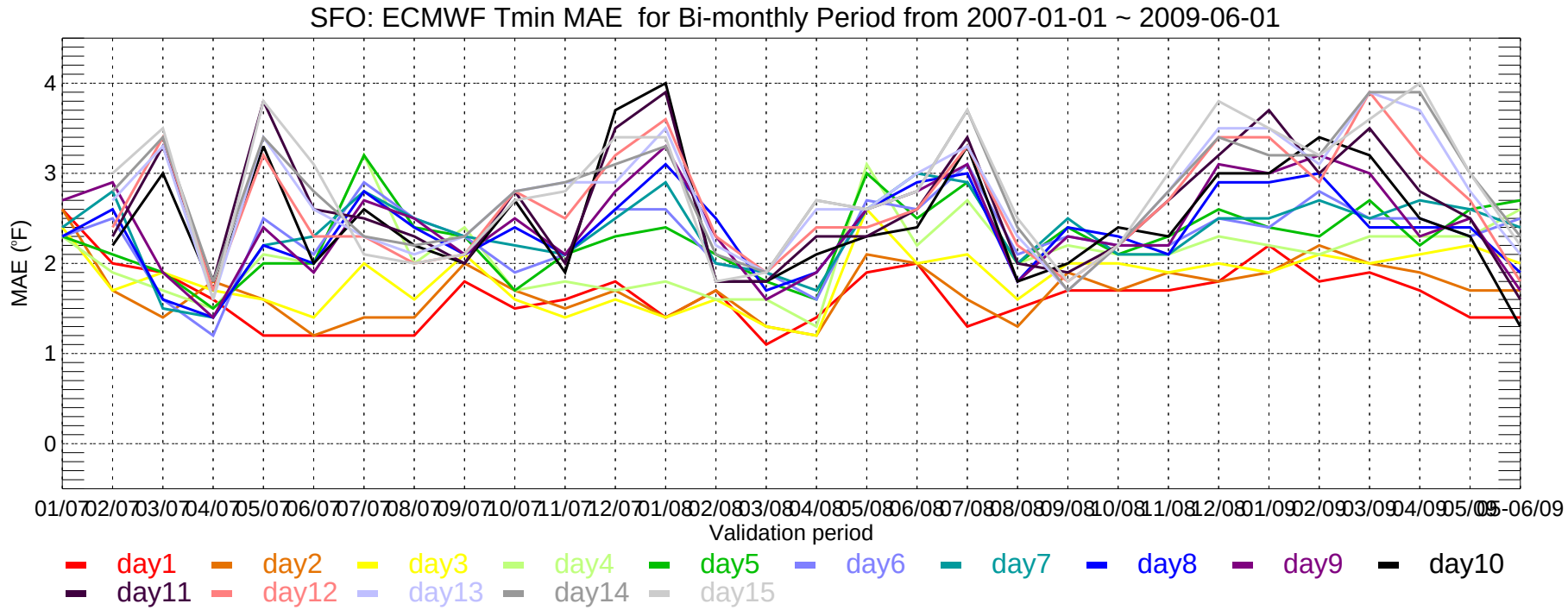

SEA: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

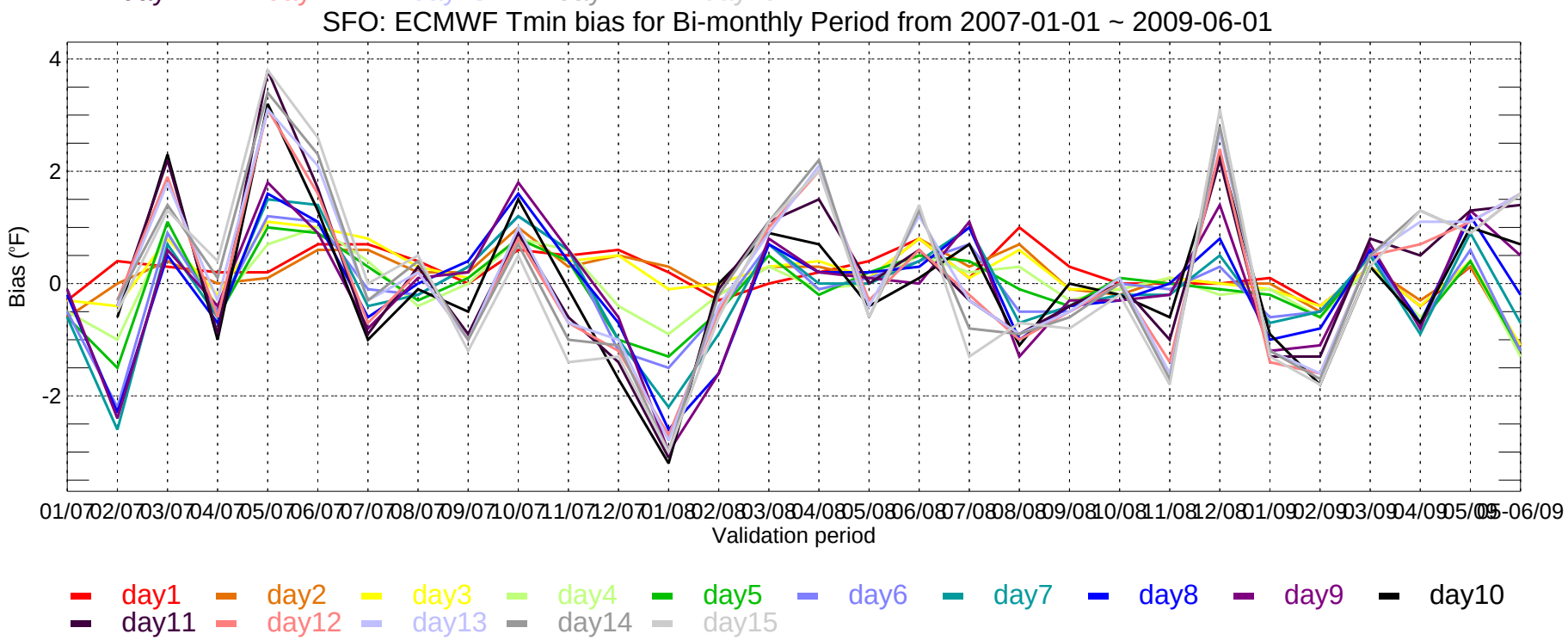

SEA: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
1
2
3
4
5
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

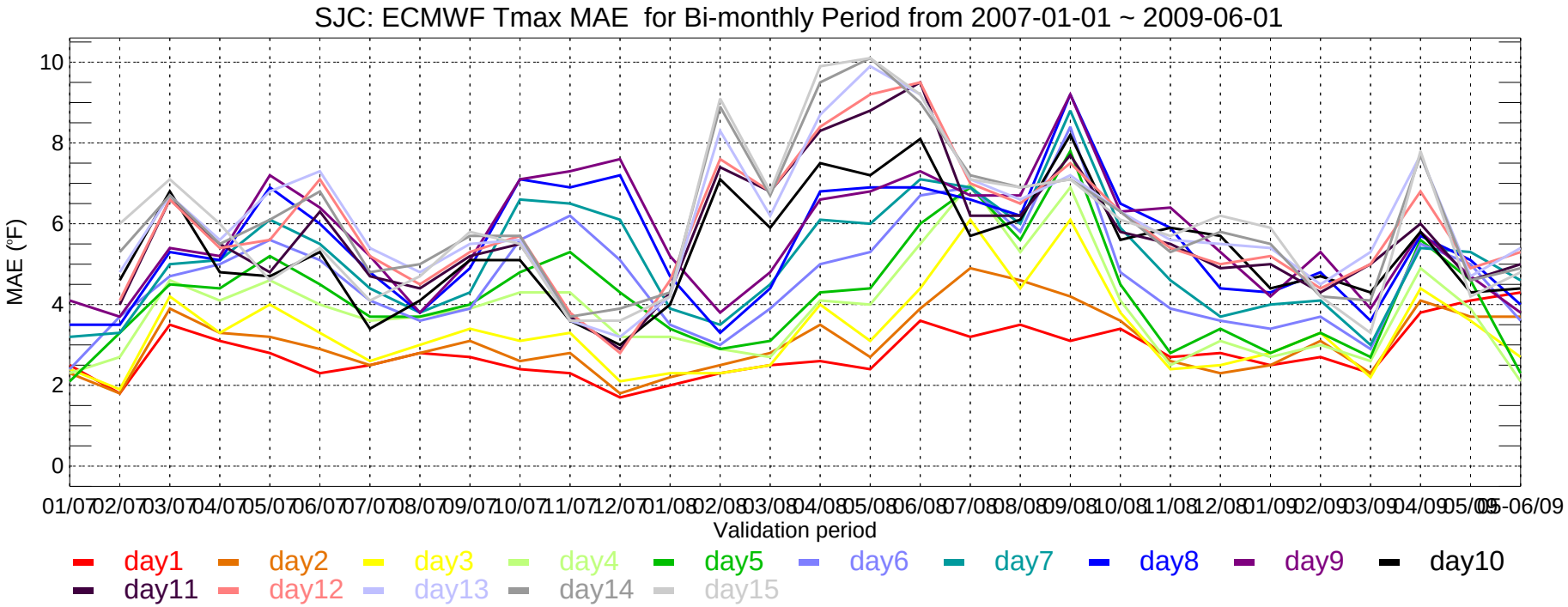

SEA: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

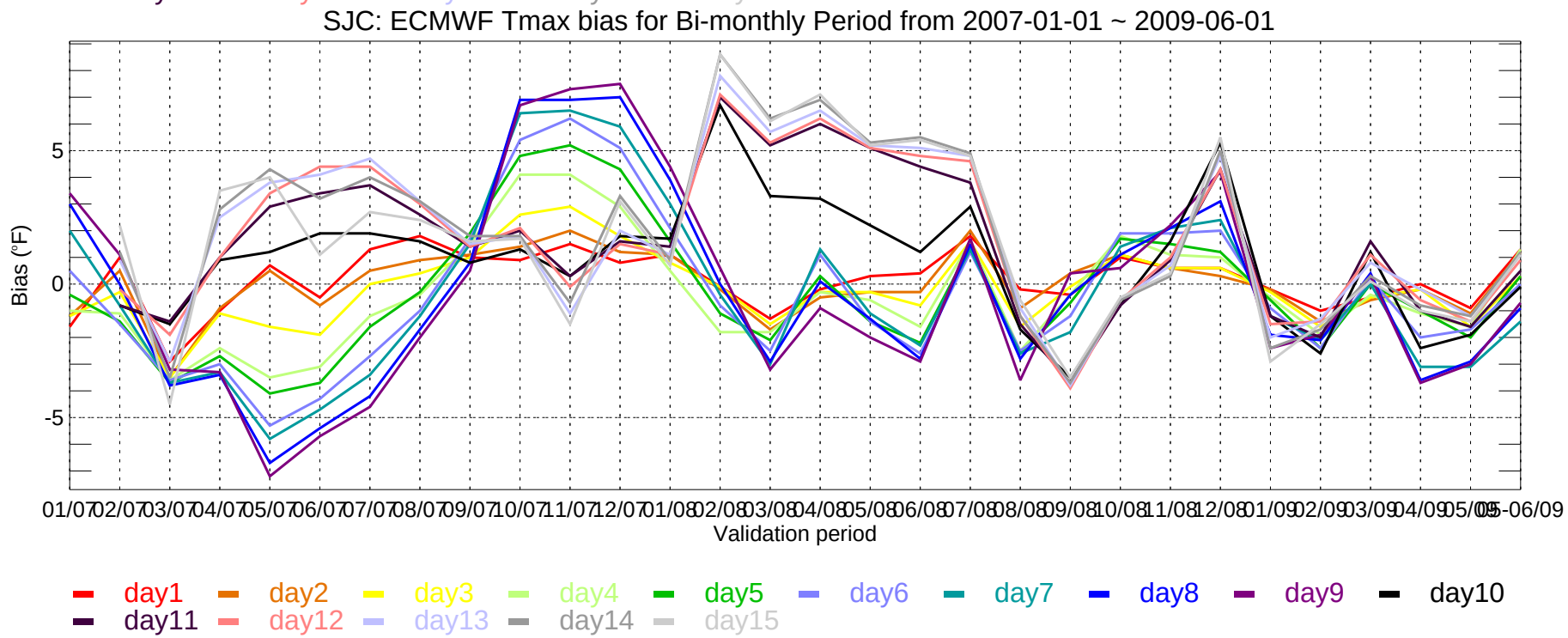

SFO: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

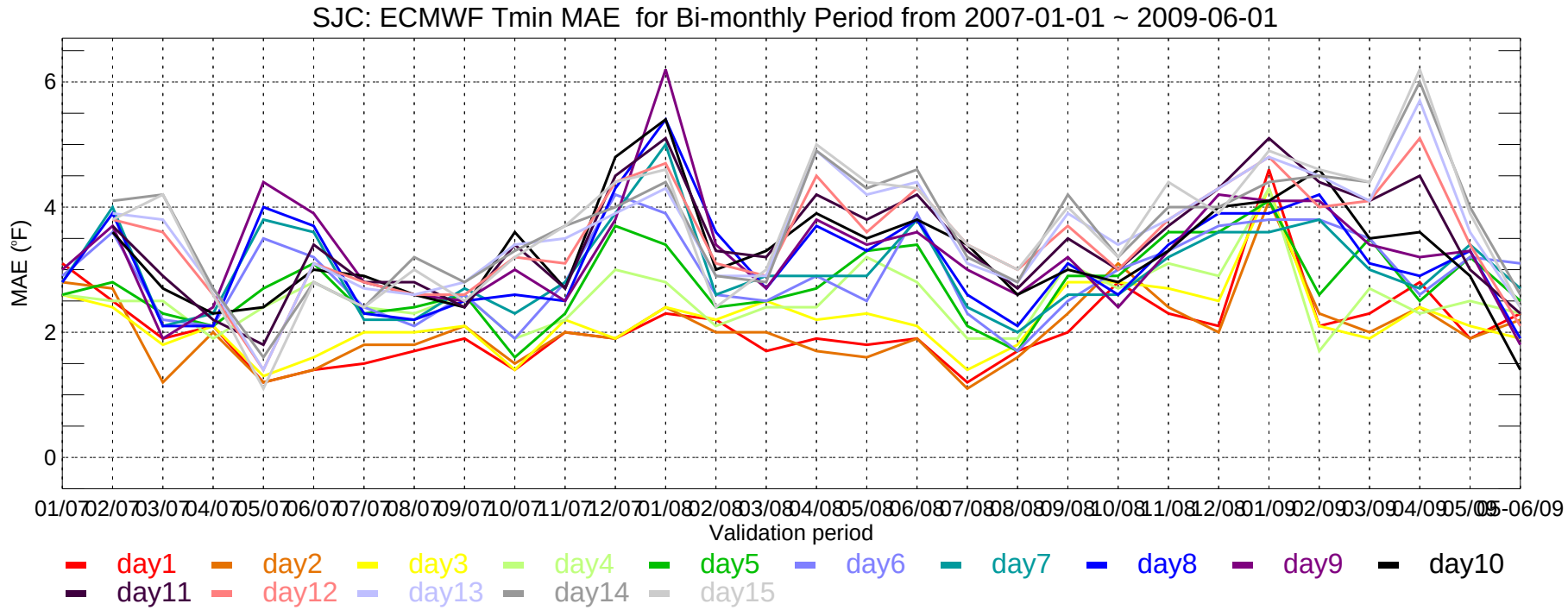

SFO: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

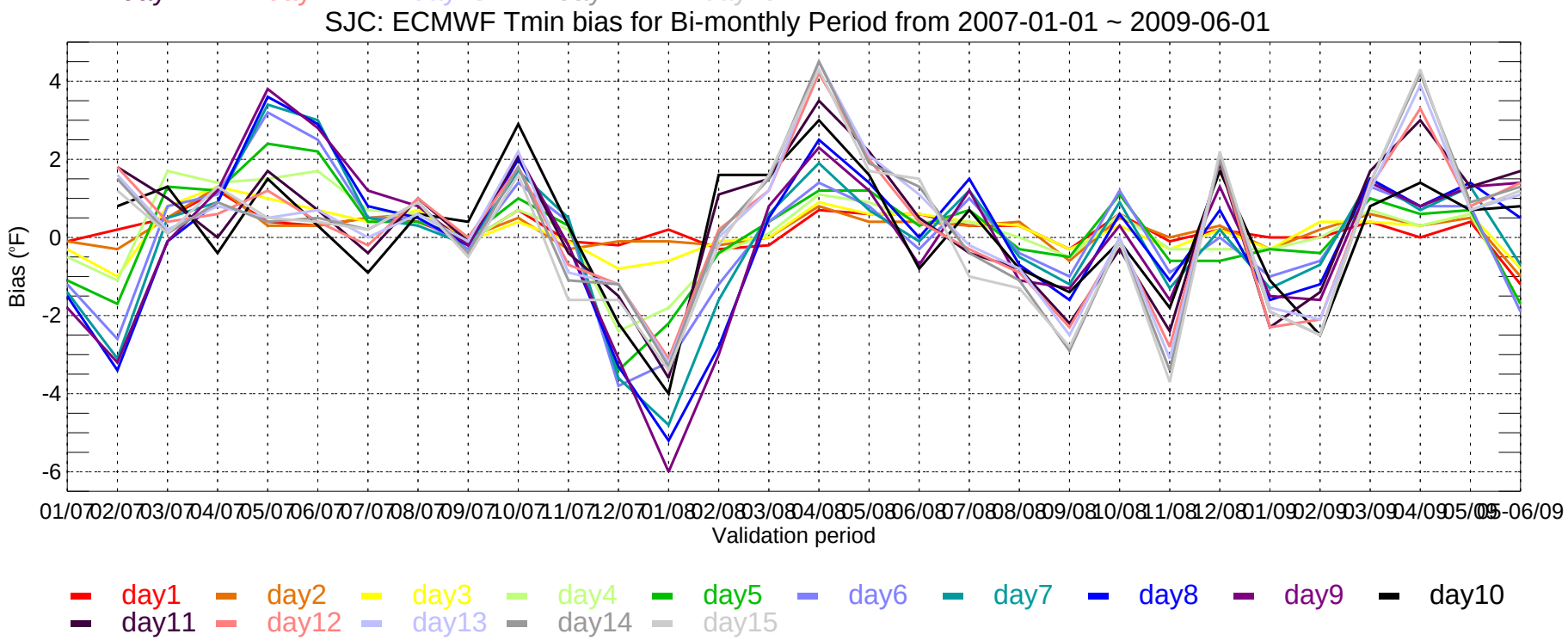

SFO: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
4
3
2
1
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

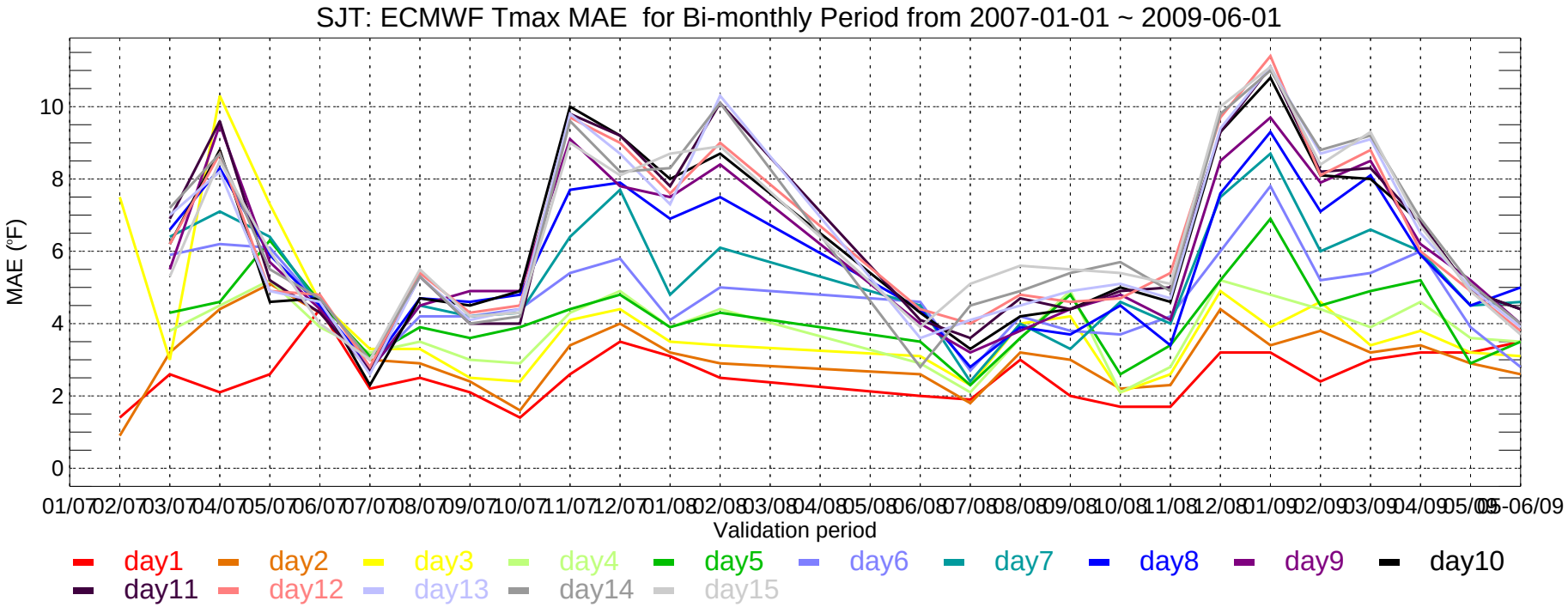

SFO: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

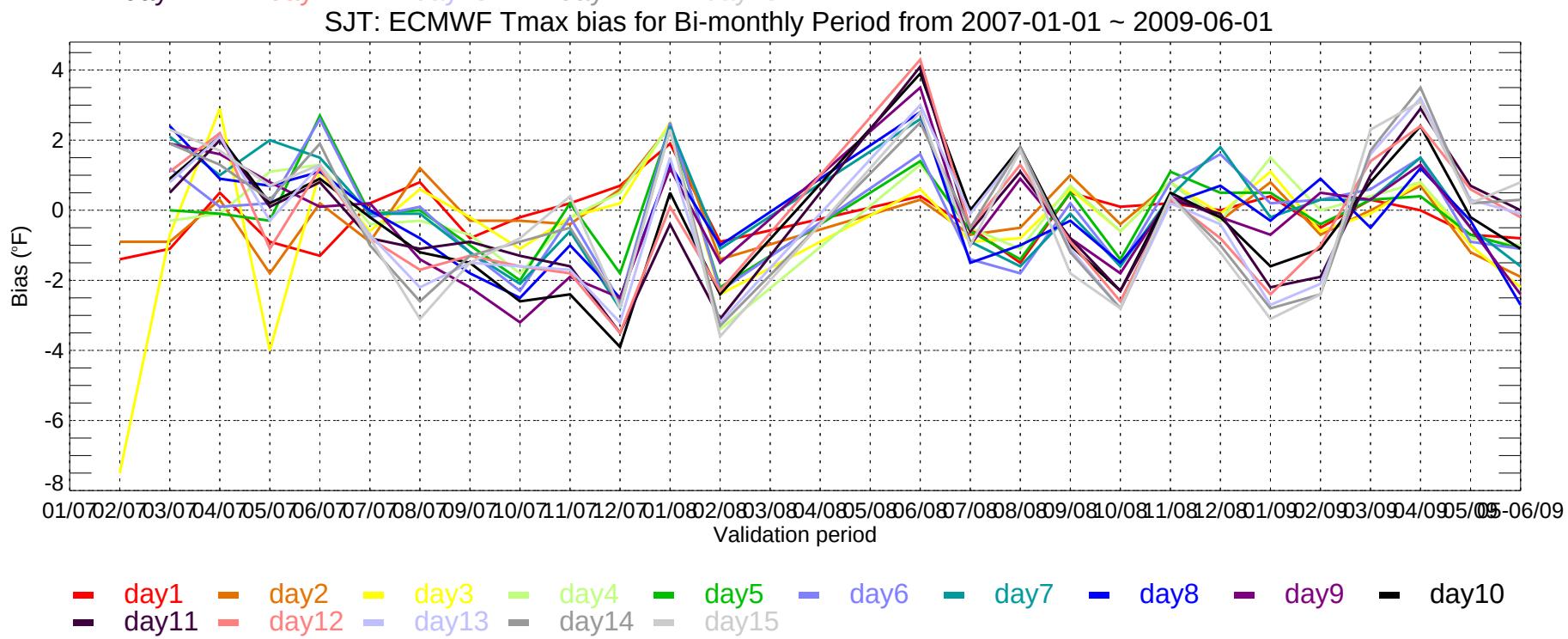

SJC: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

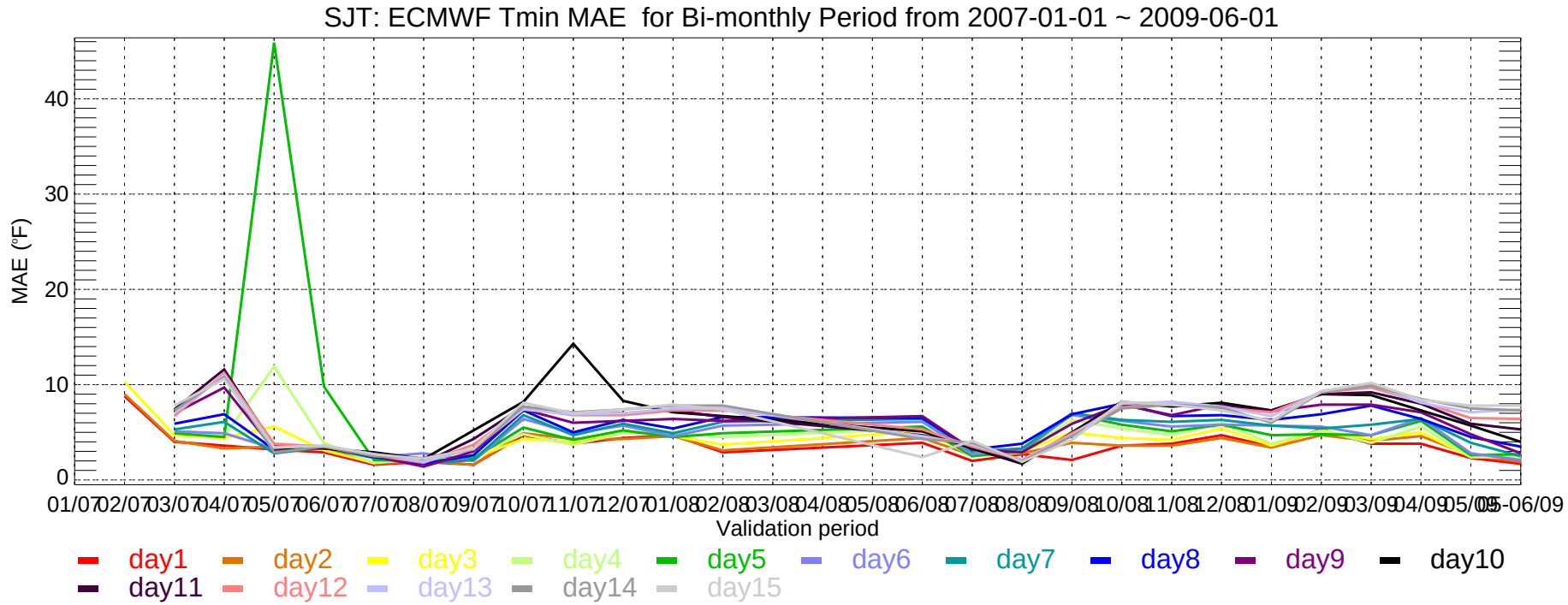

SJC: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

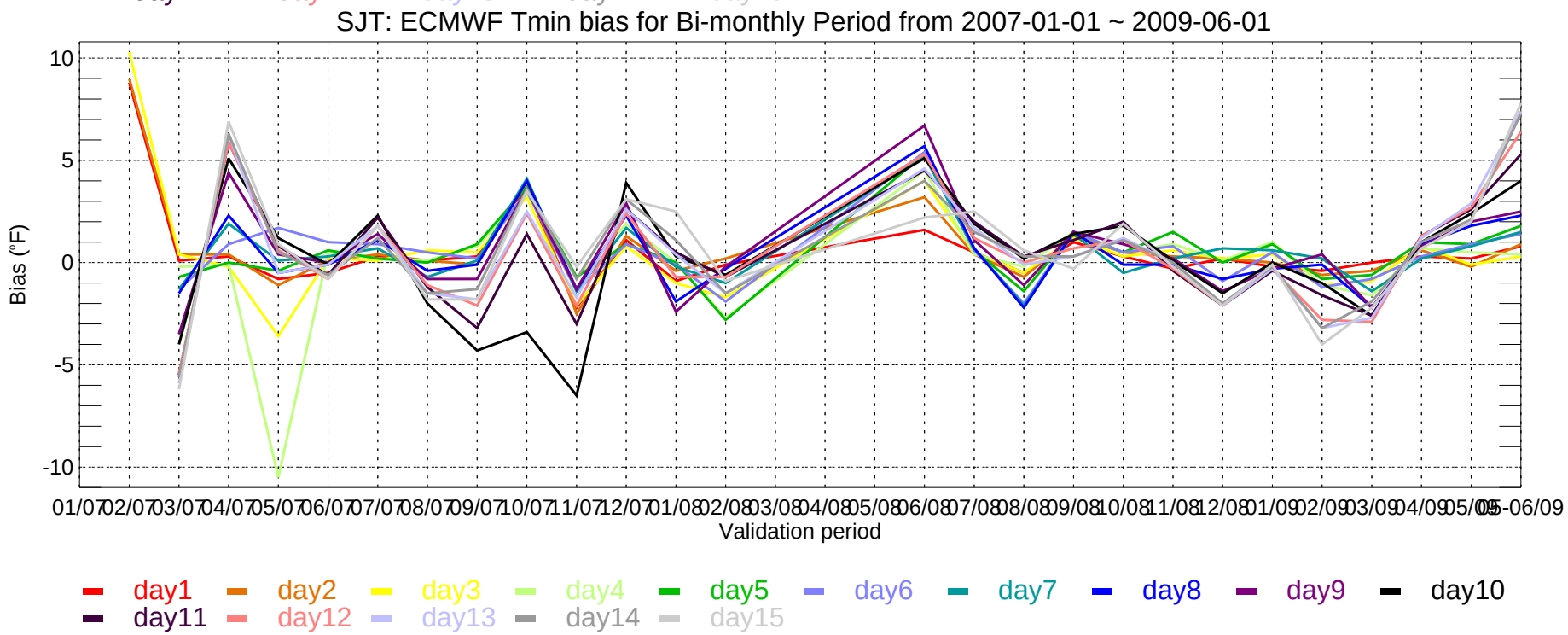

SJC: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

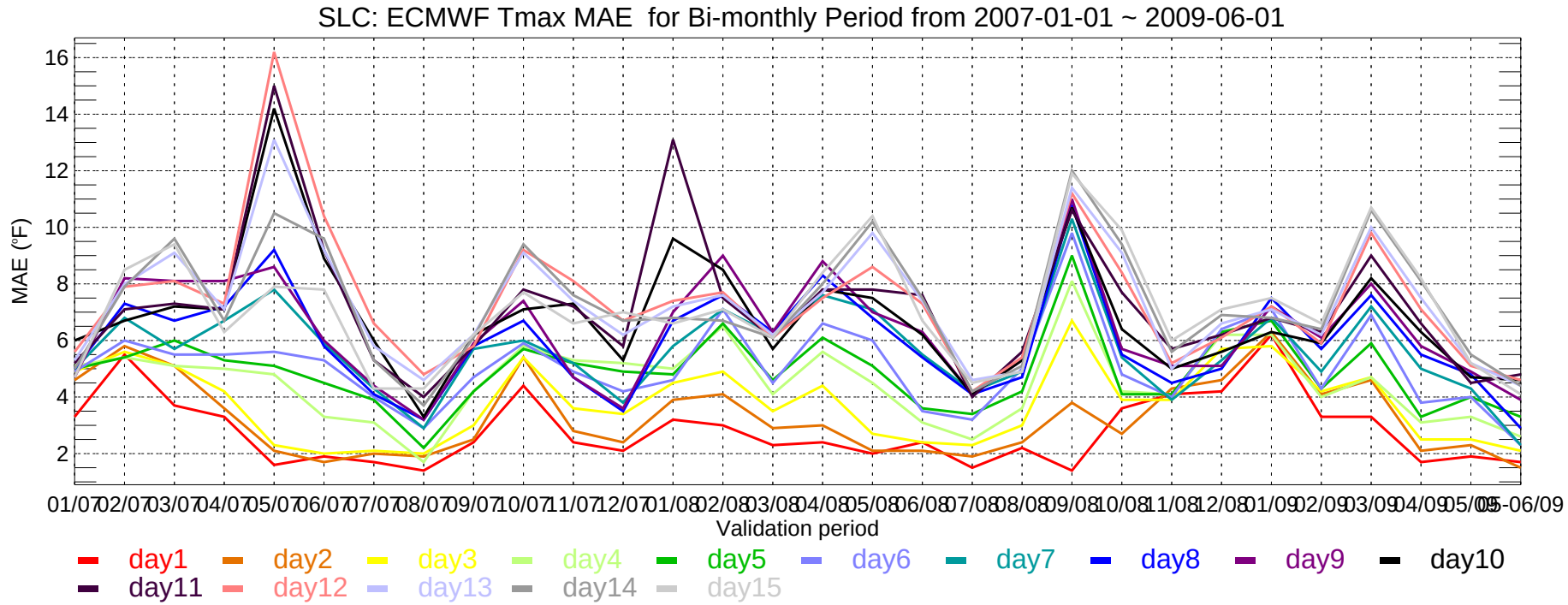

SJC: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

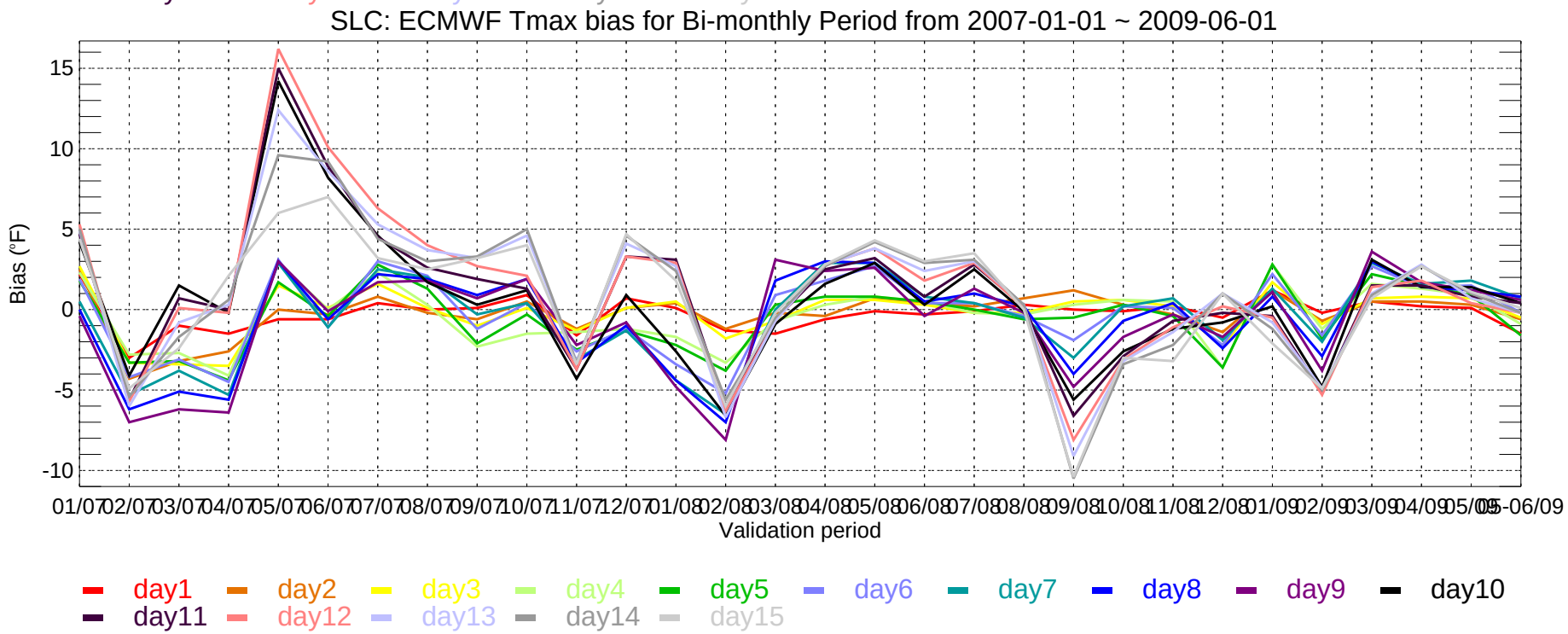

SJT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

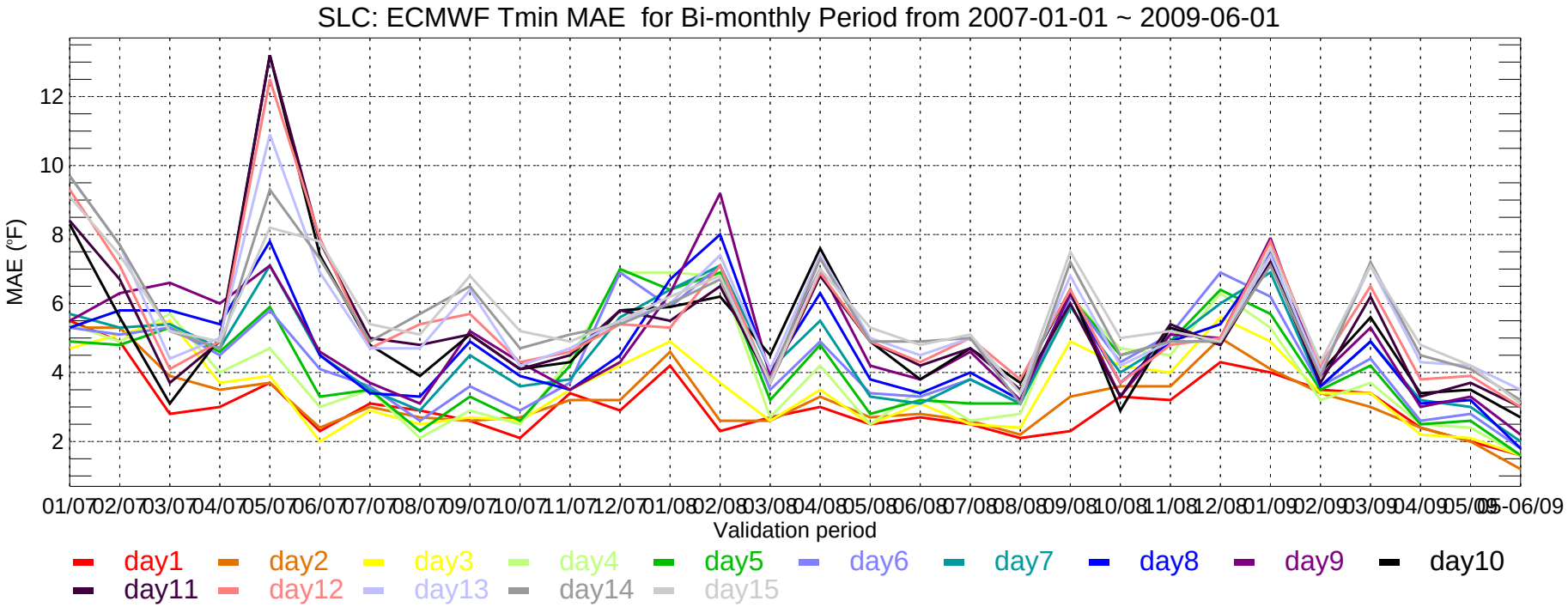

SJT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

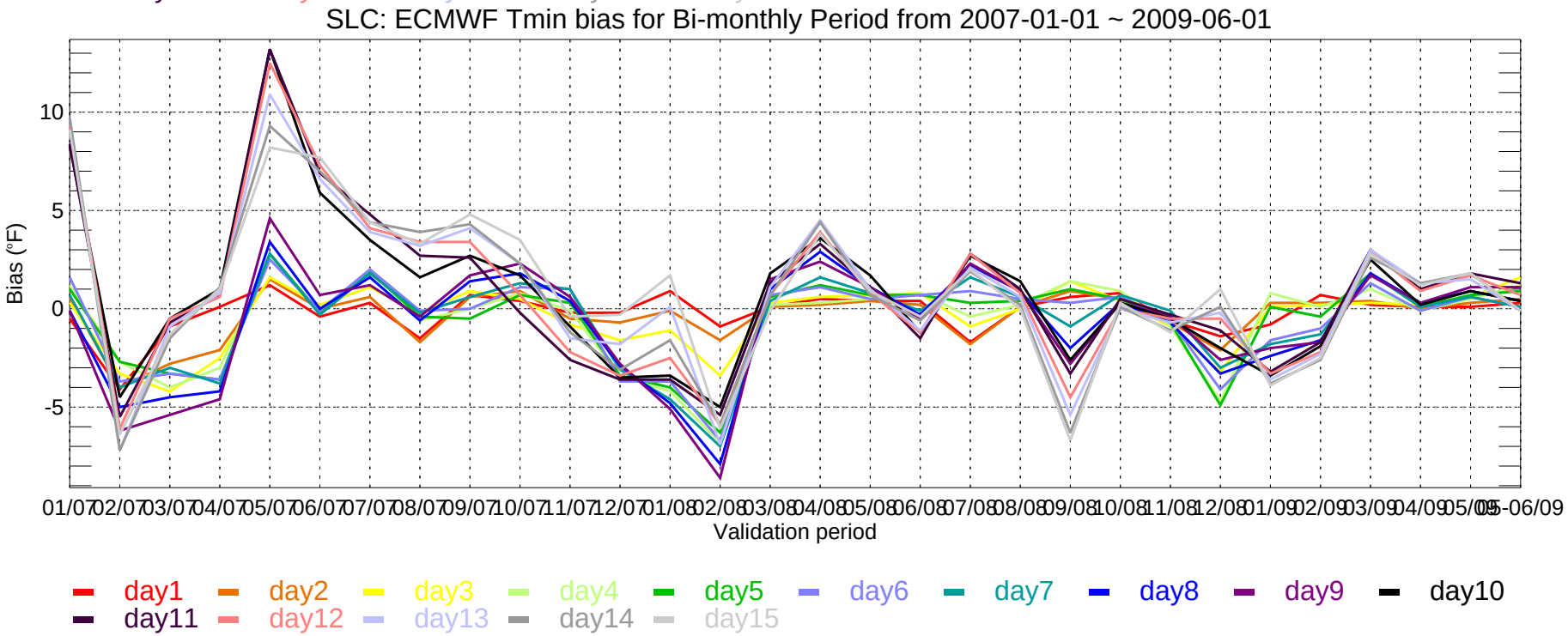

SJT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
10
20
30
40
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

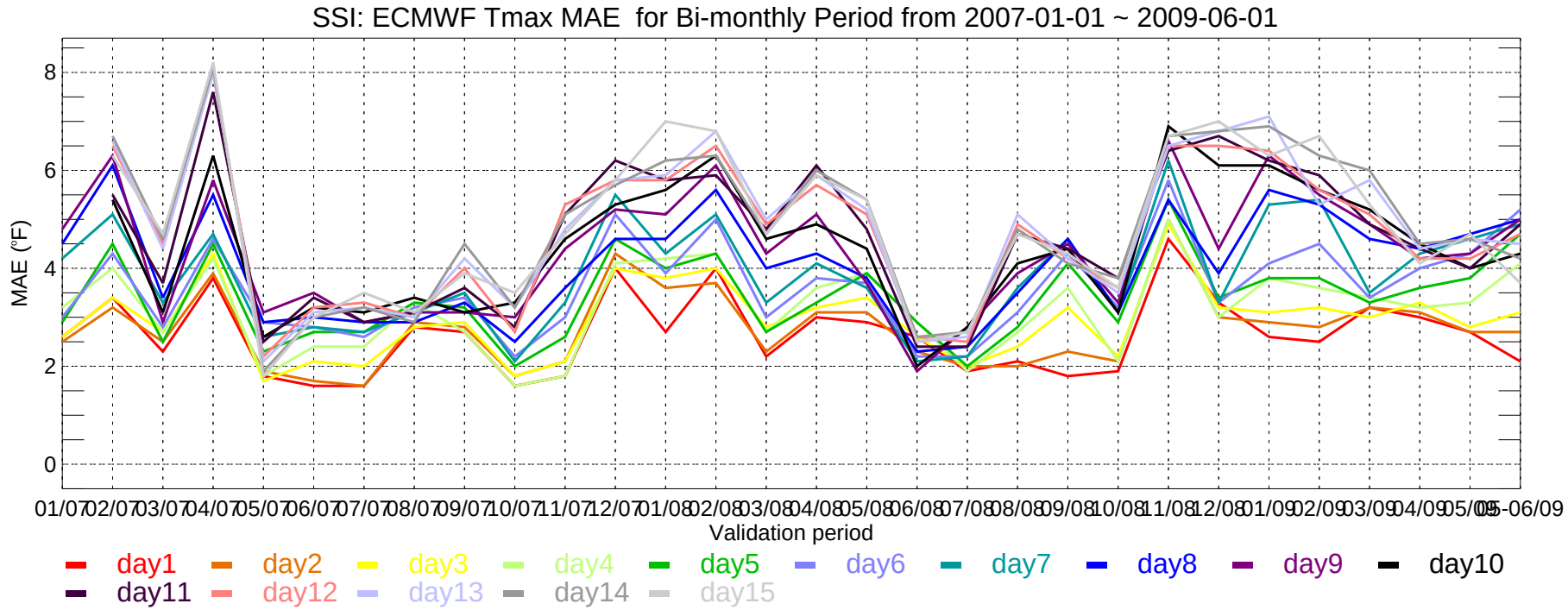

SJT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

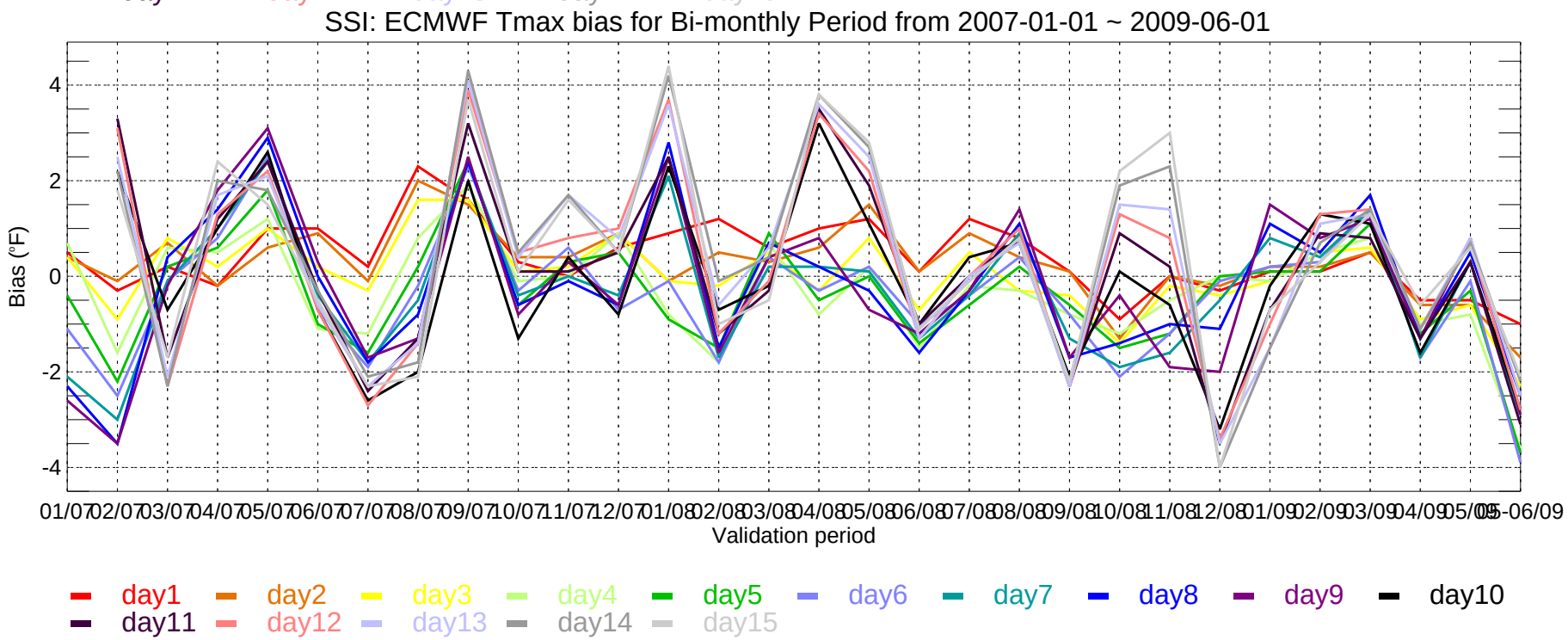

SLC: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
16
14
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

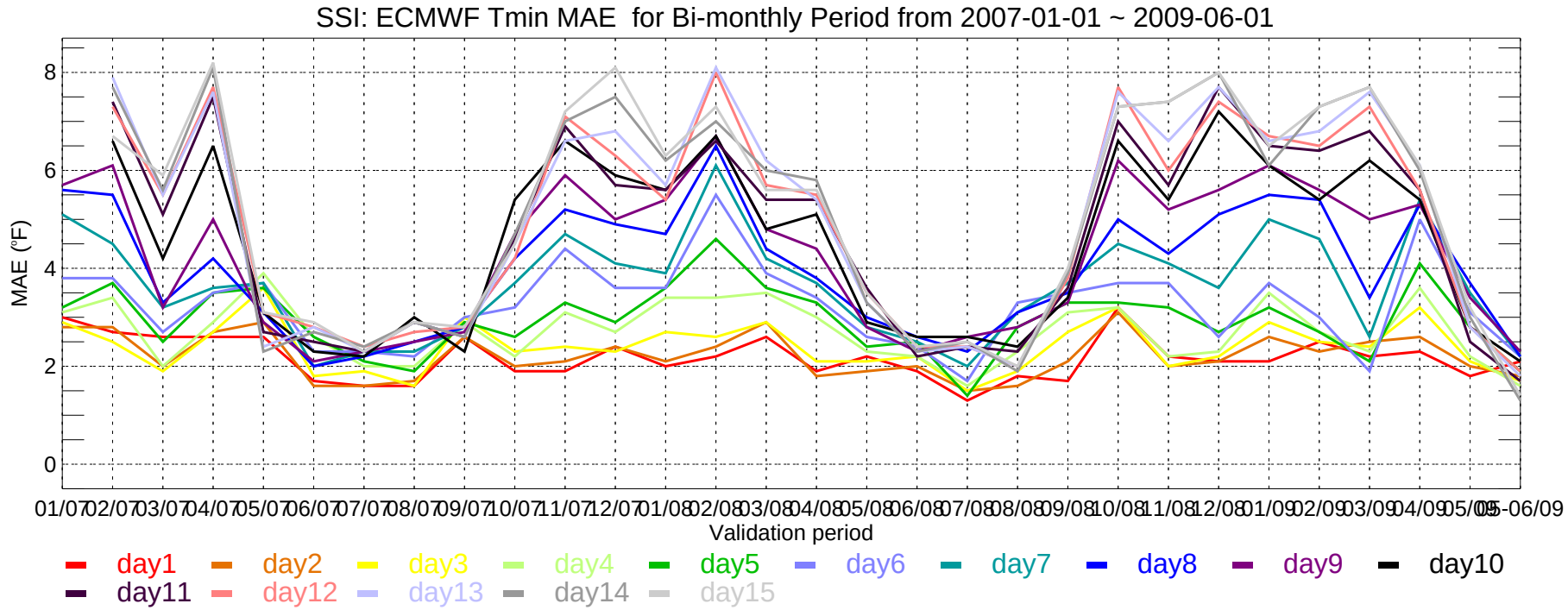

SLC: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
15
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

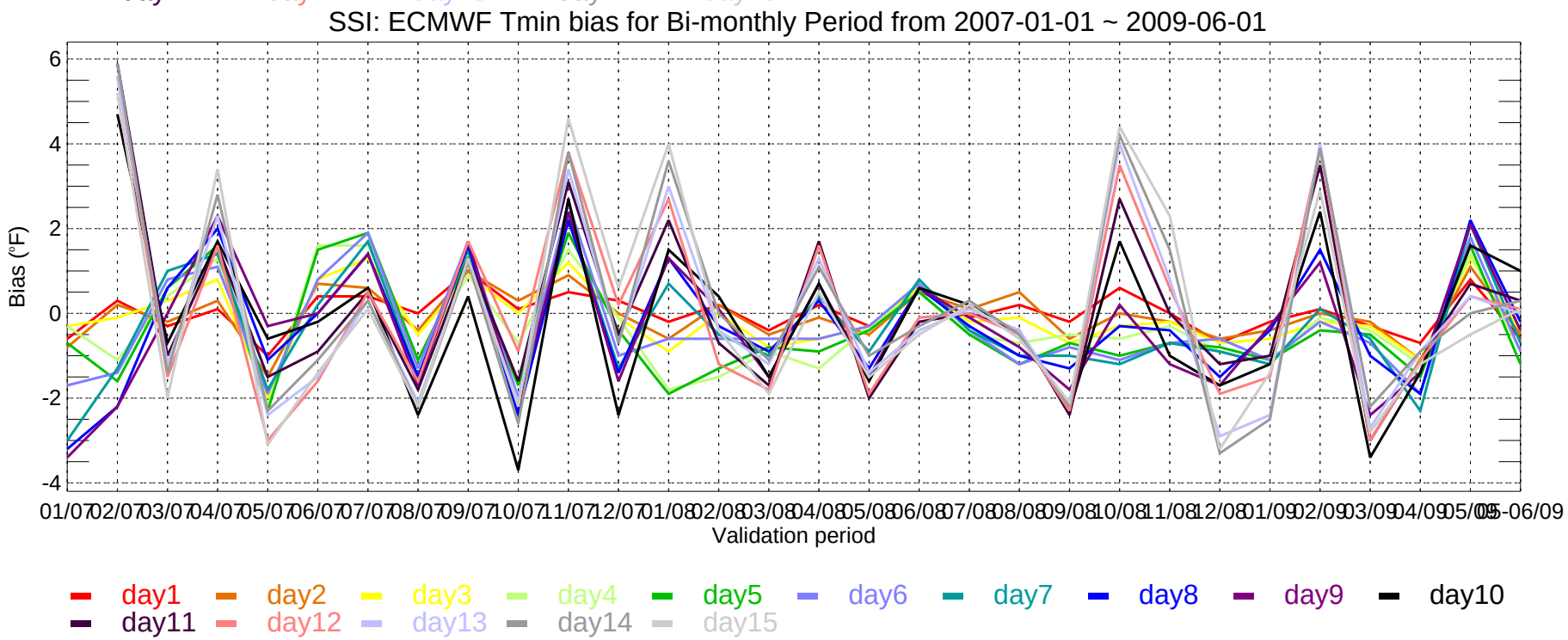

SLC: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
12
10
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

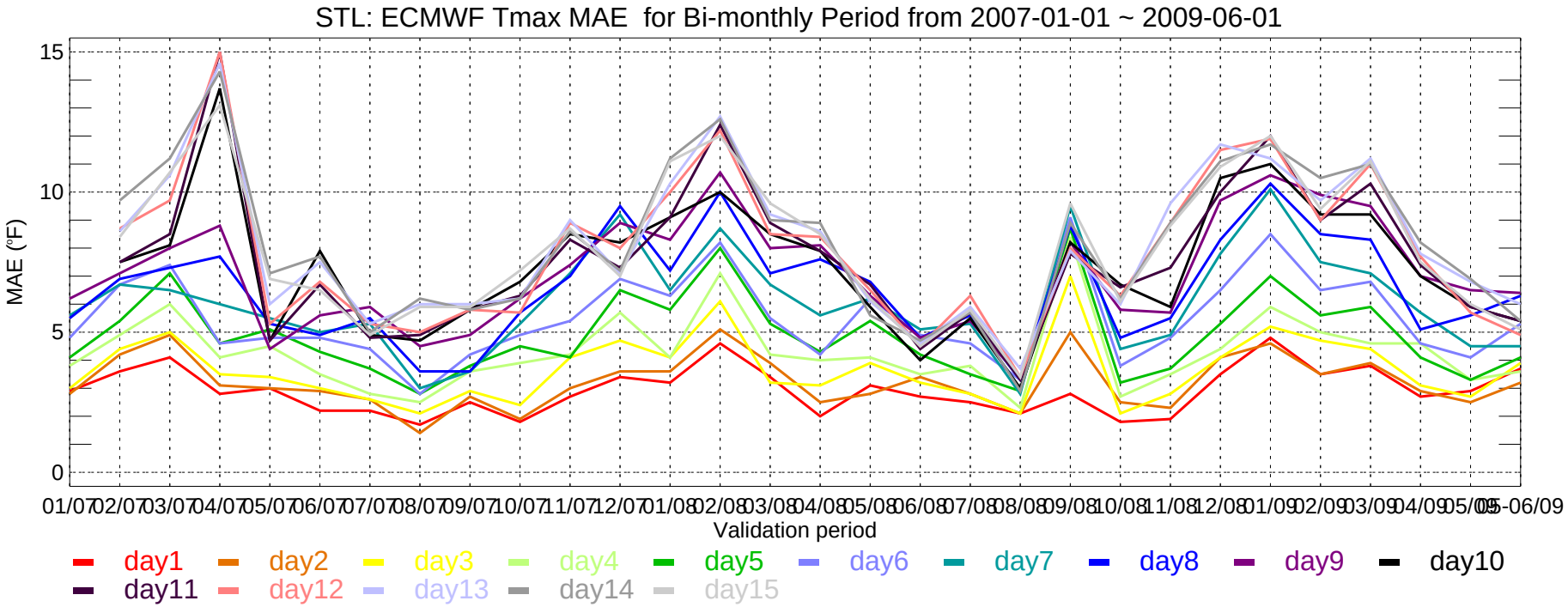

SLC: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

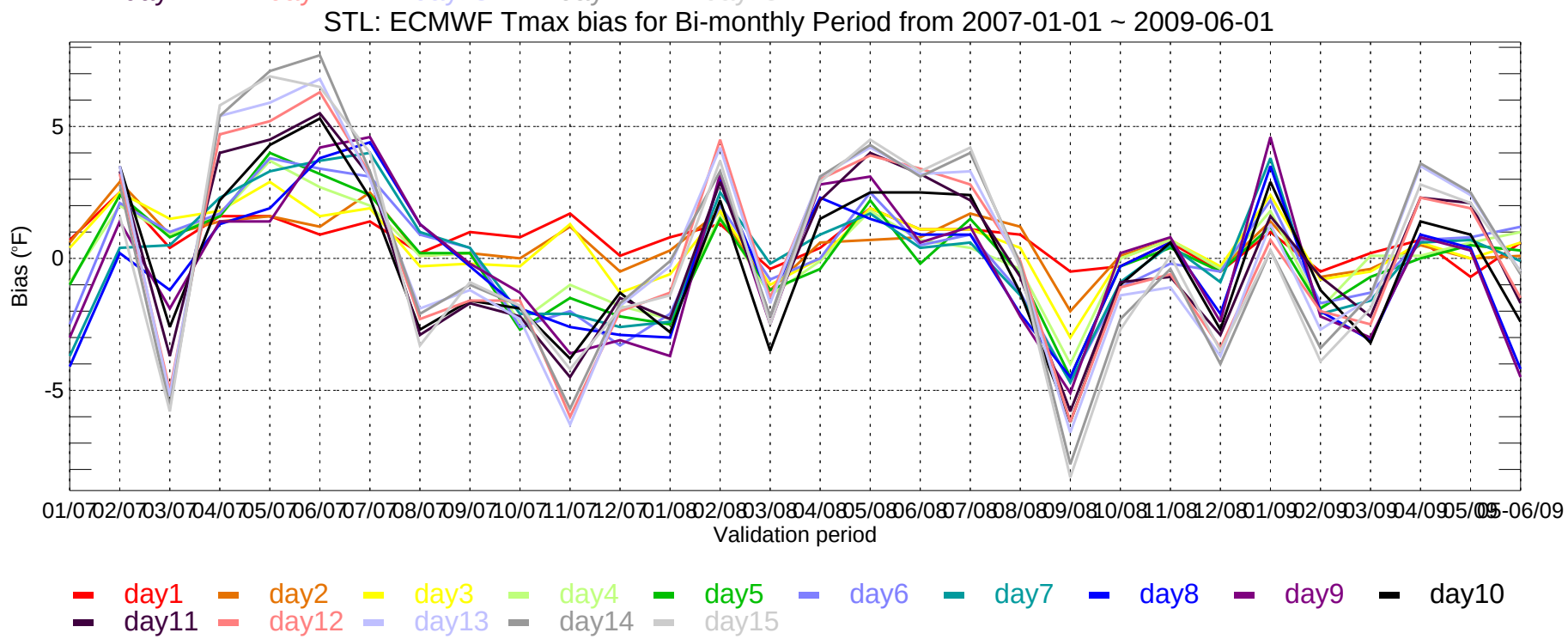

SSI: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

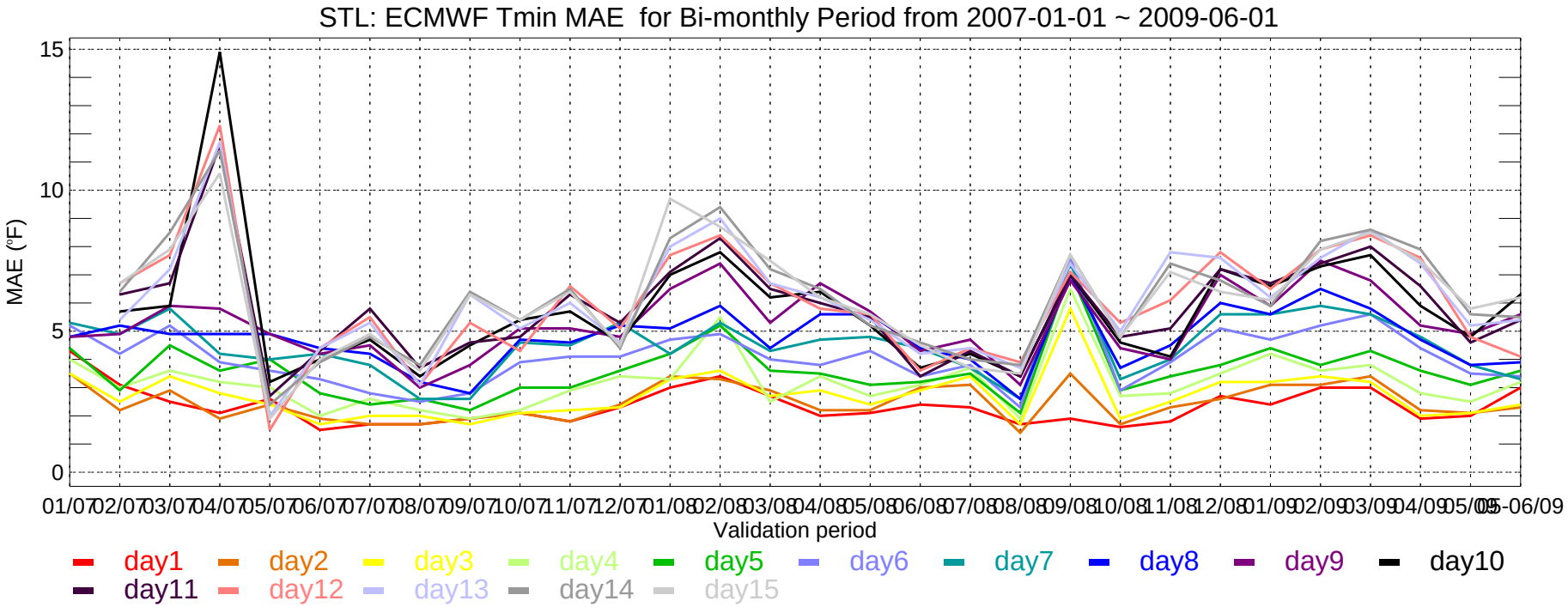

SSI: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

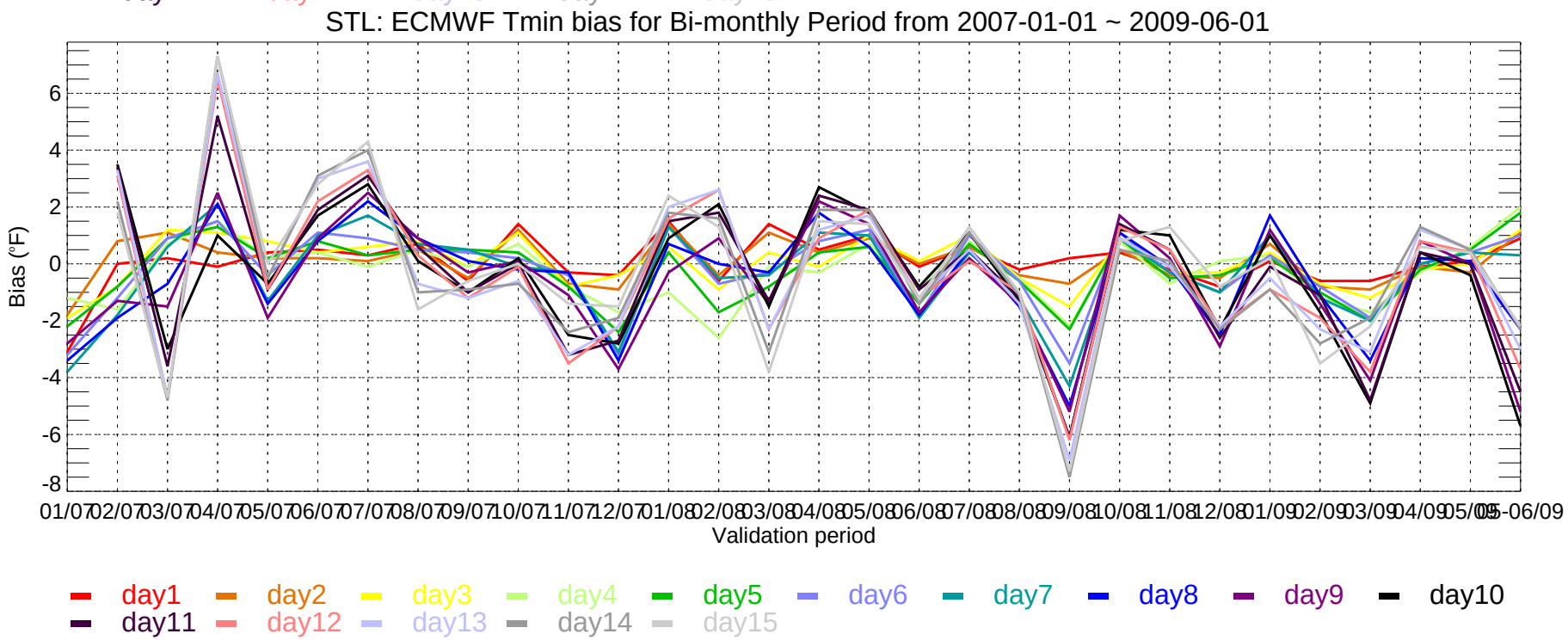

SSI: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

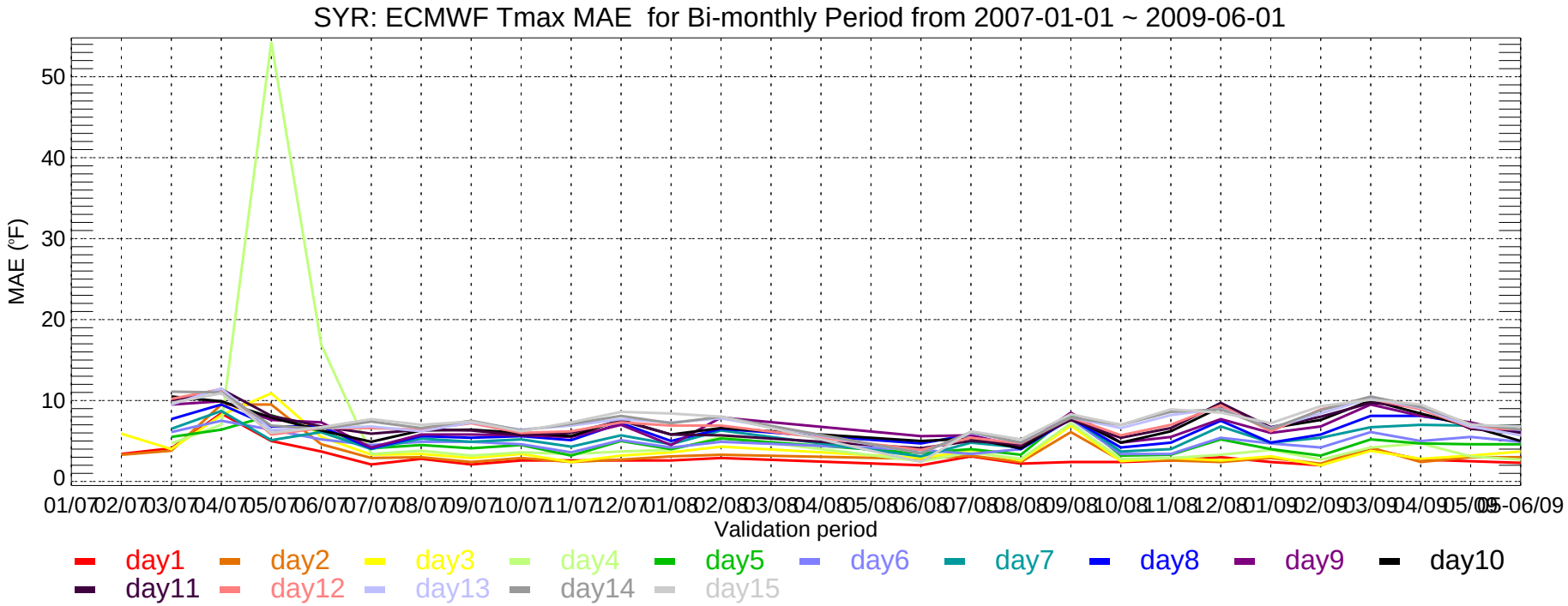

SSI: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

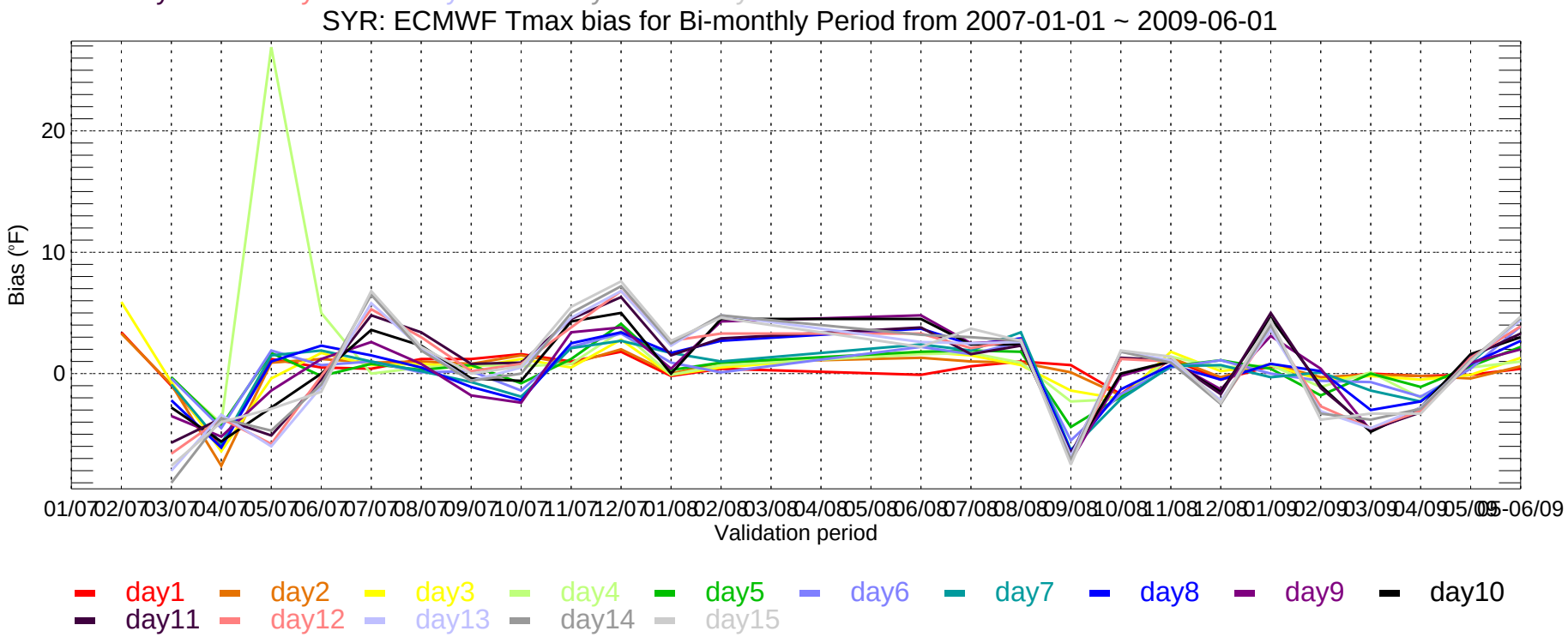

STL: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

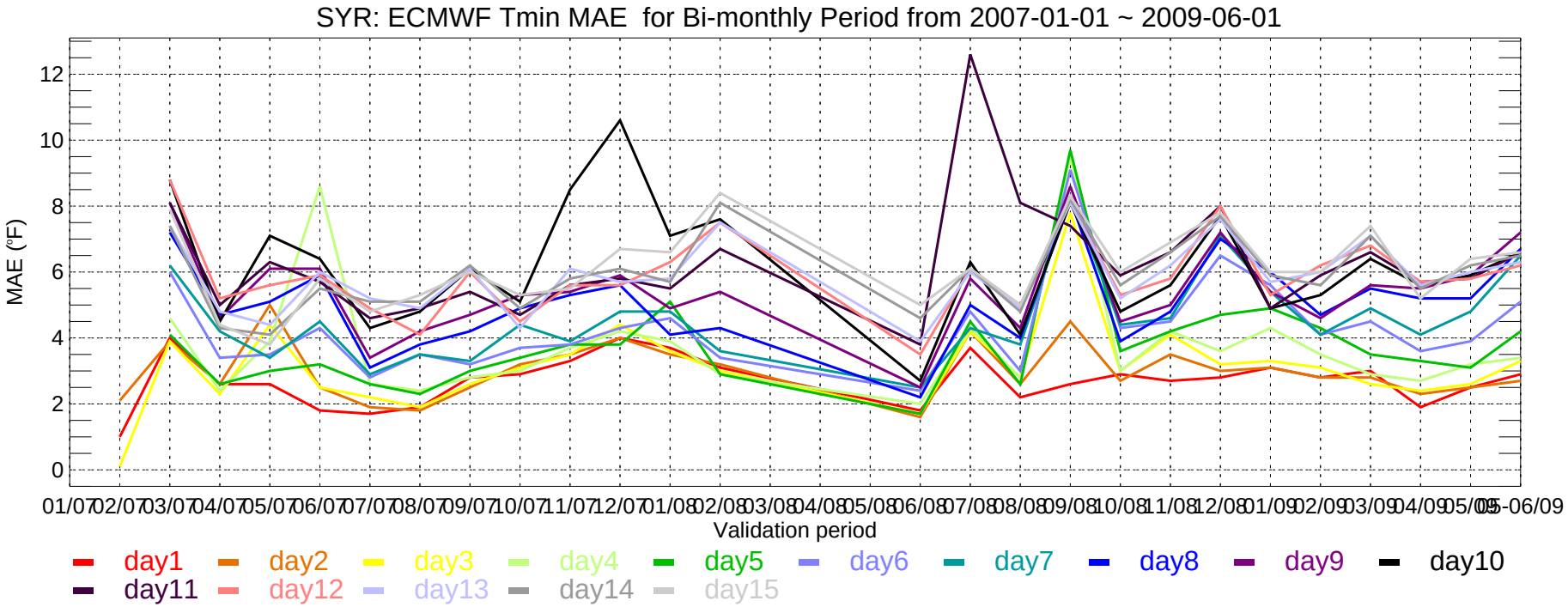

STL: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

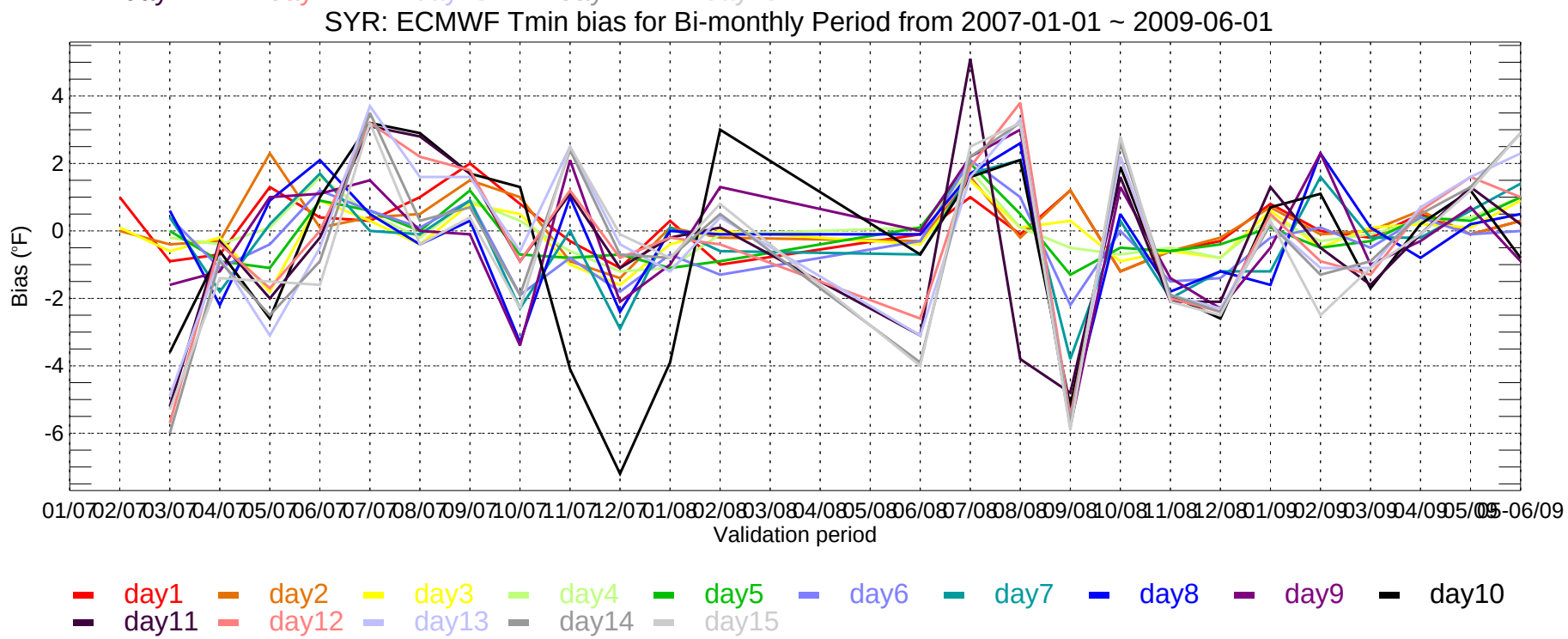

STL: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

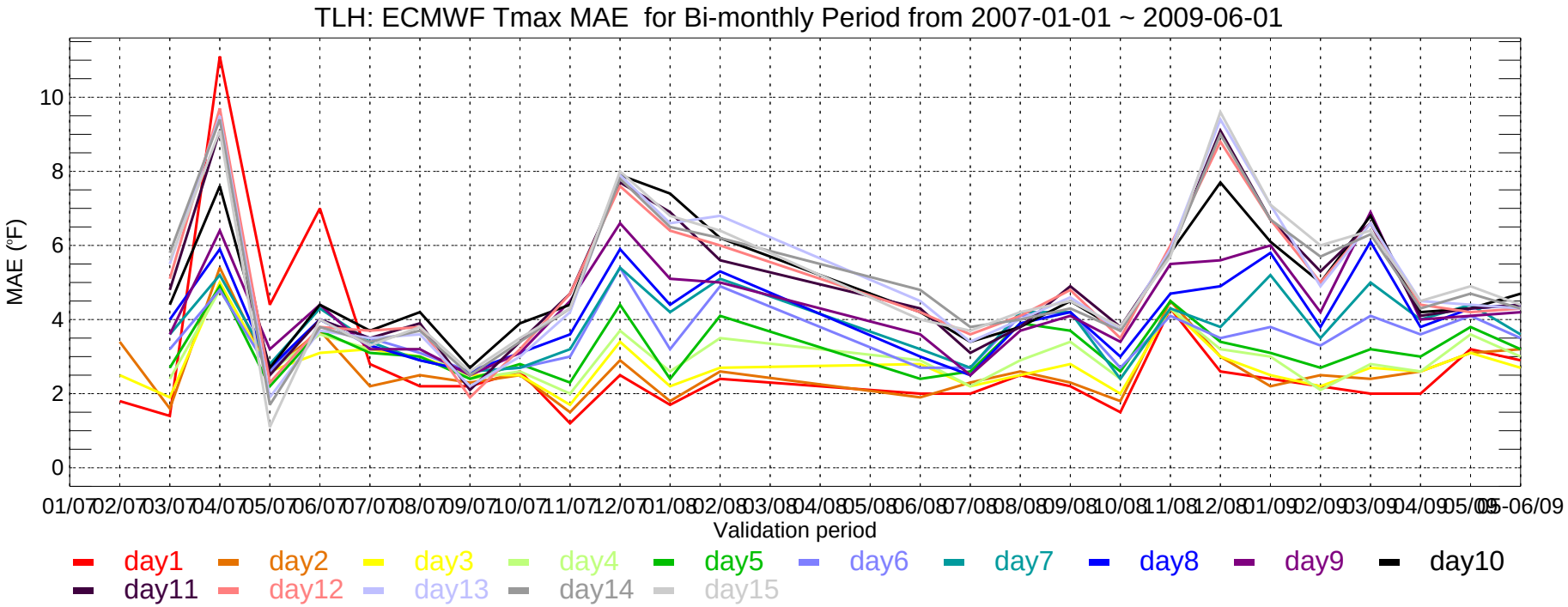

STL: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

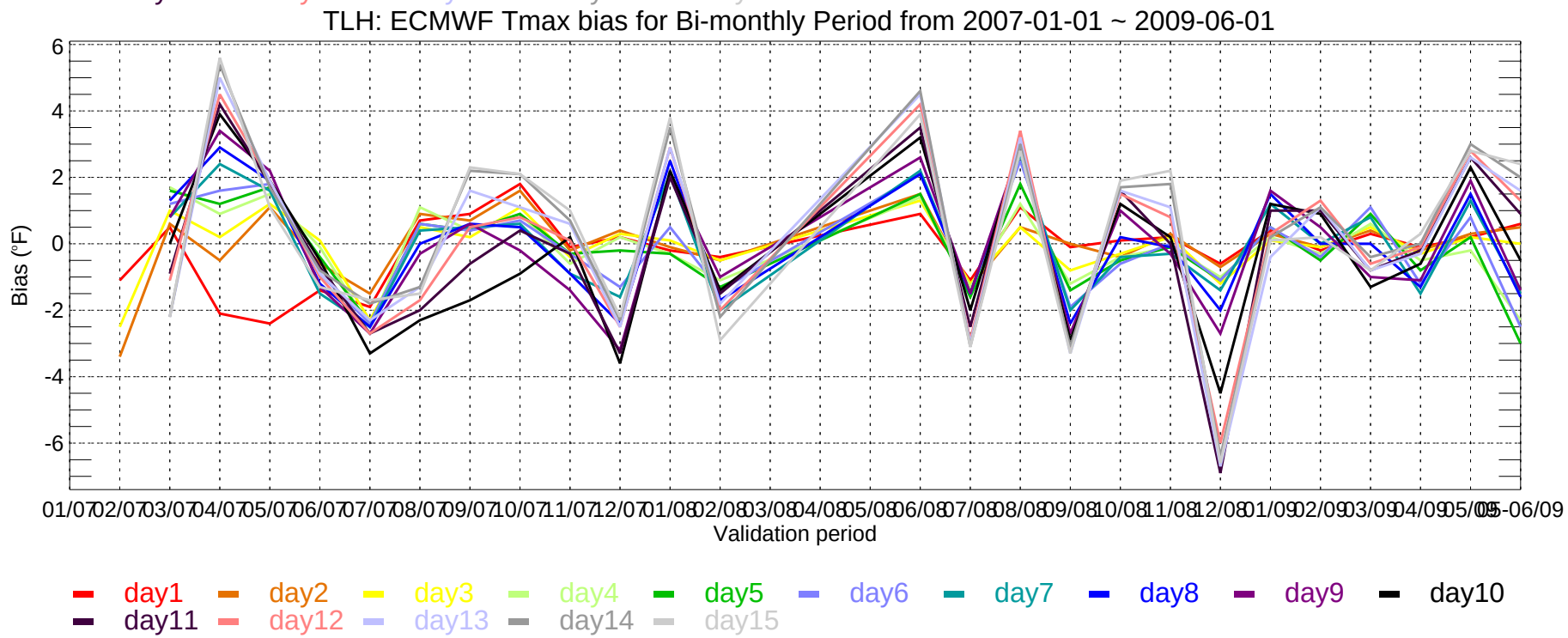

SYR: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
10
20
30
40
50
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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


SYR: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SYR: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SYR: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


TLH: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


TLH: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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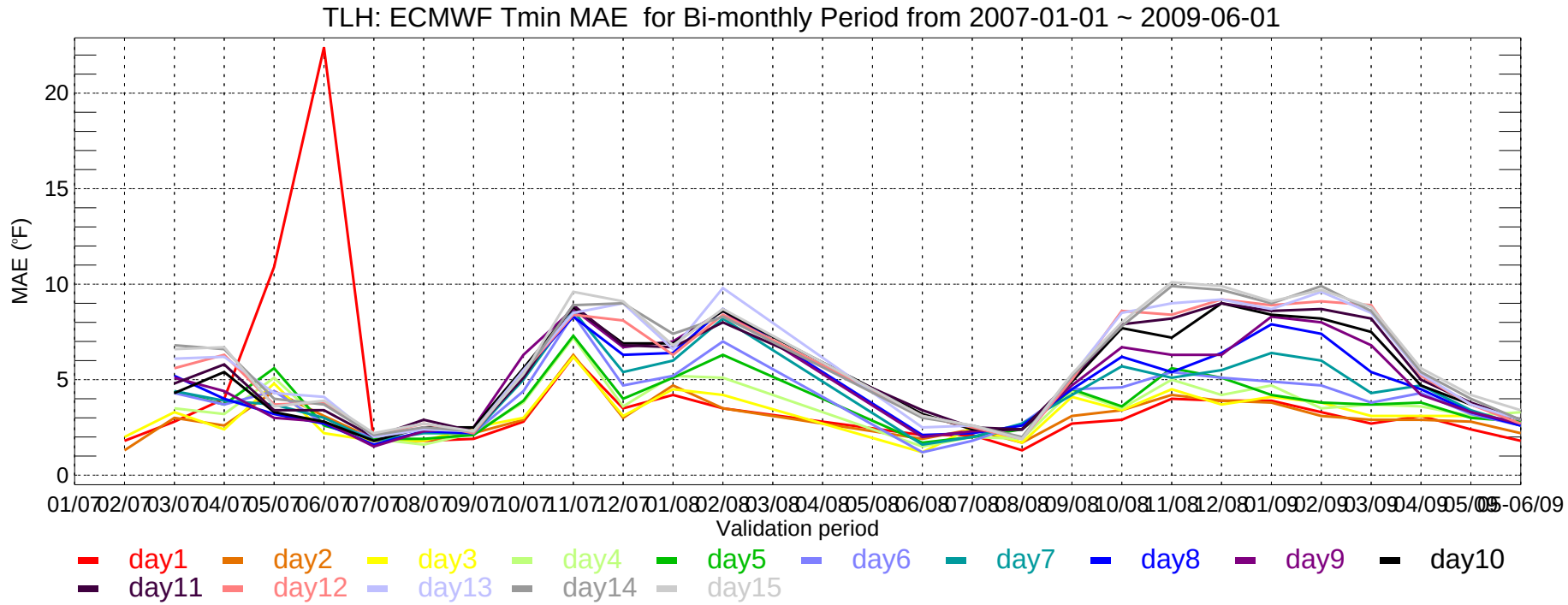
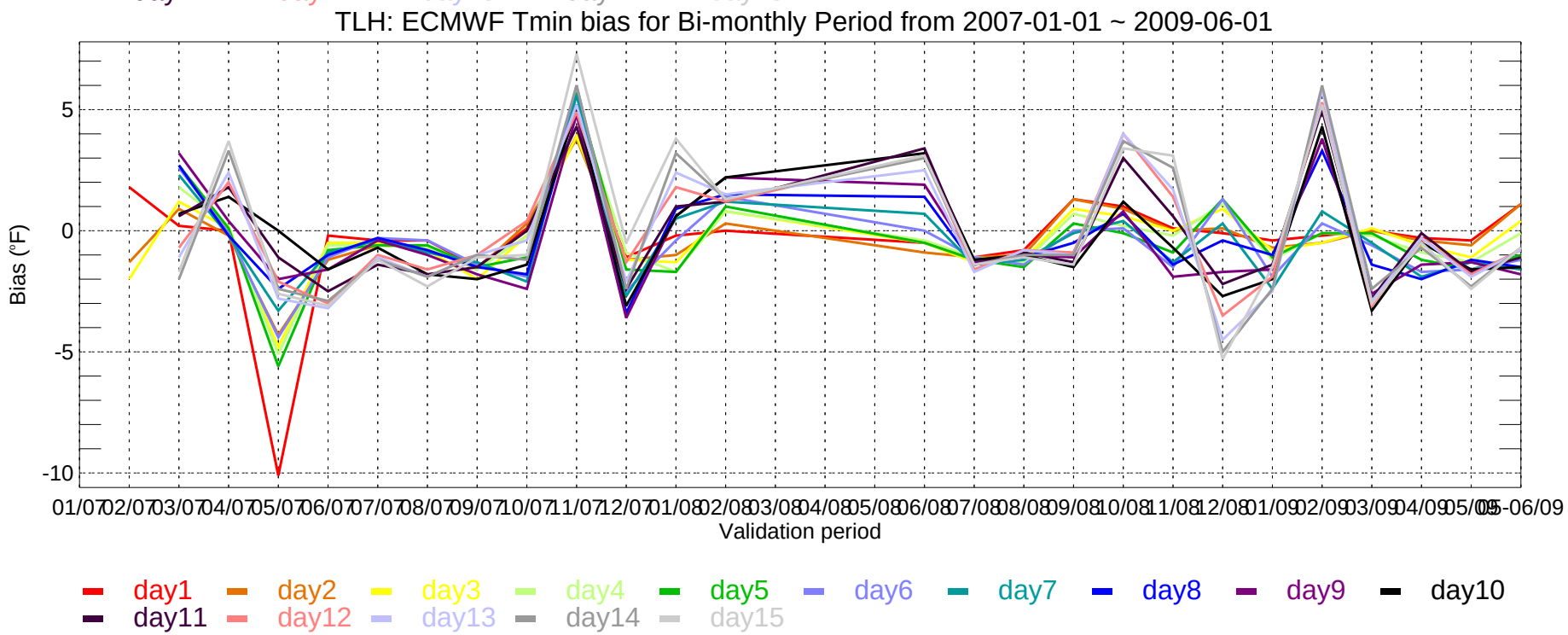
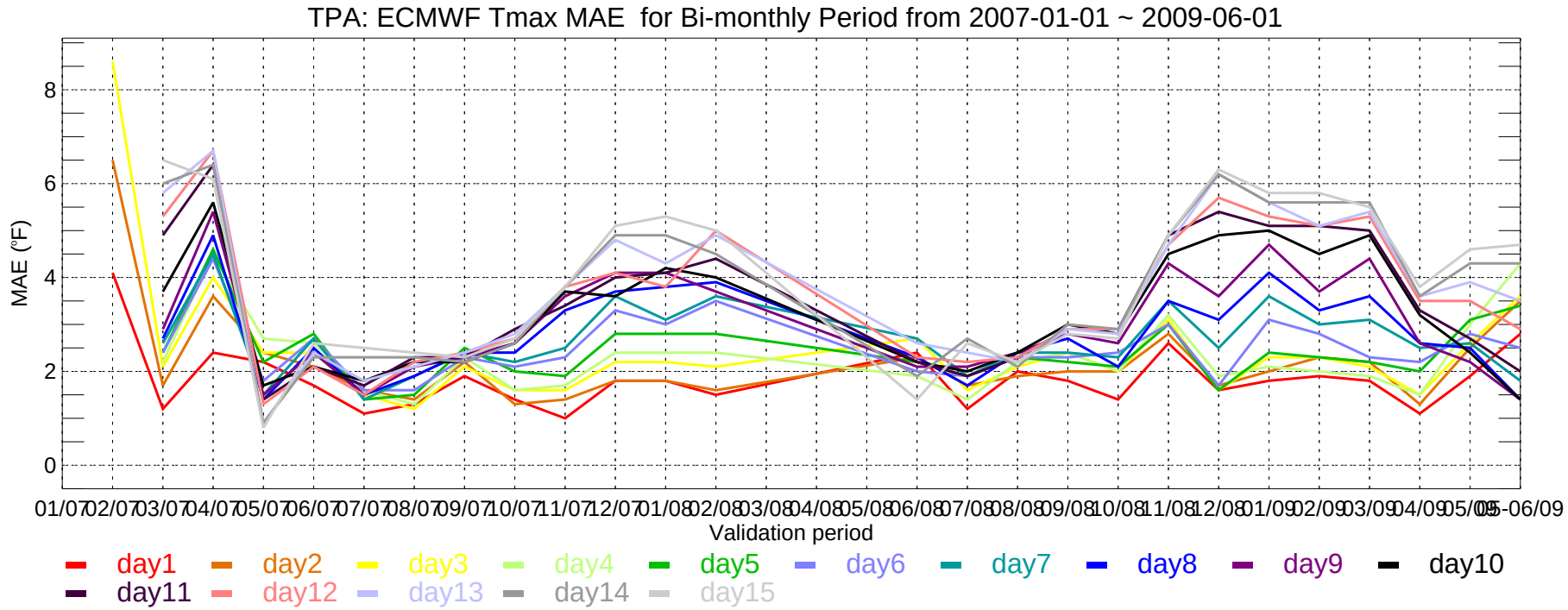
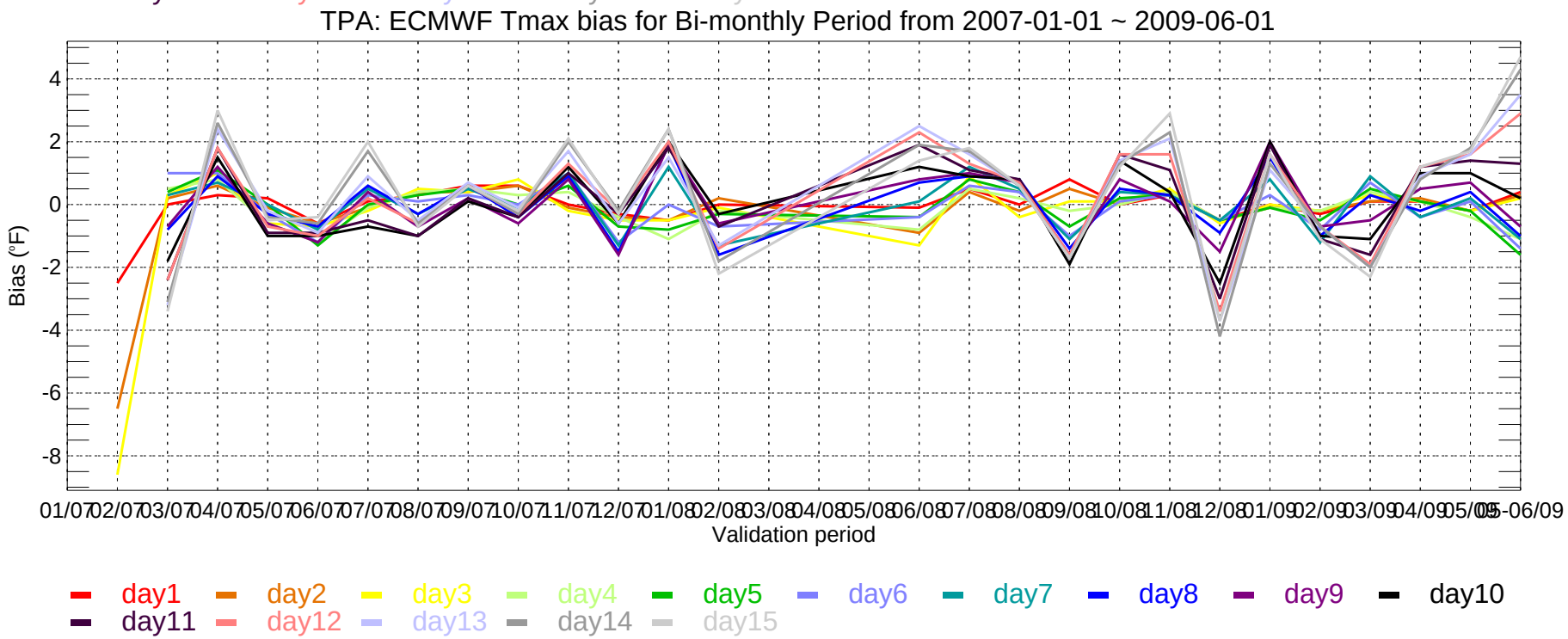
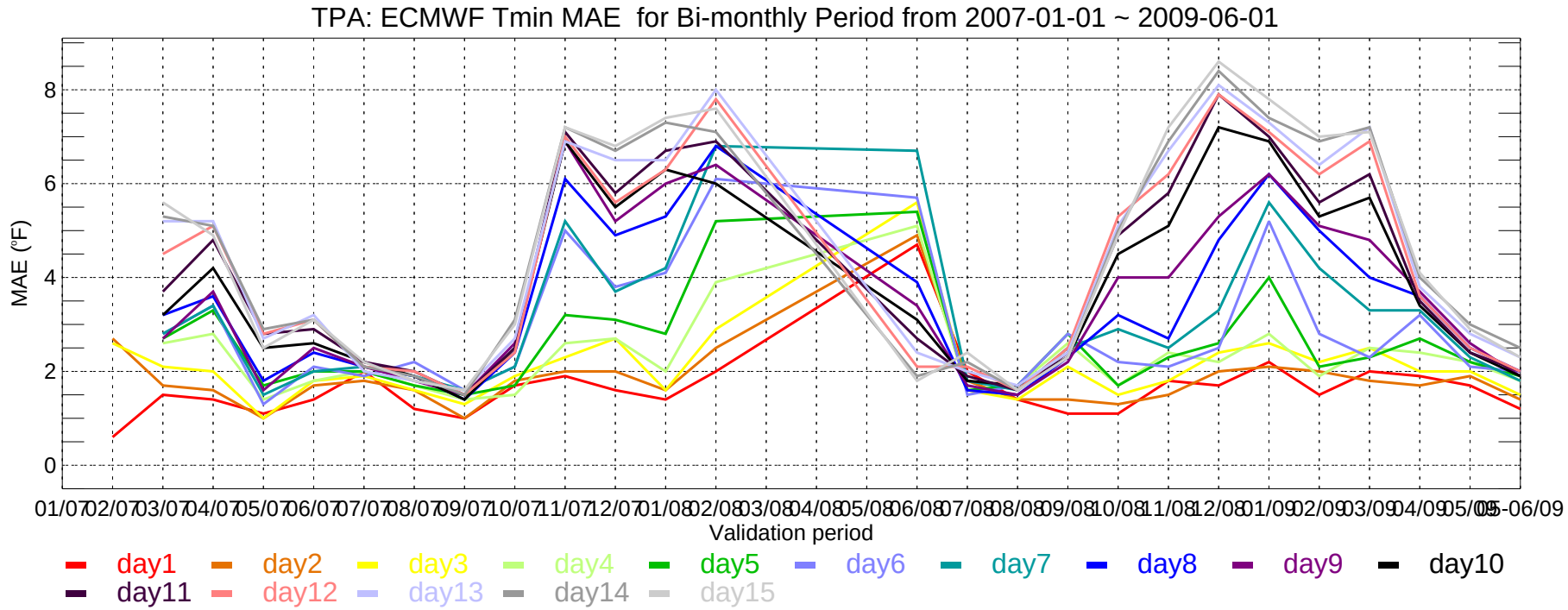
day11 day12 day13 day14 day15

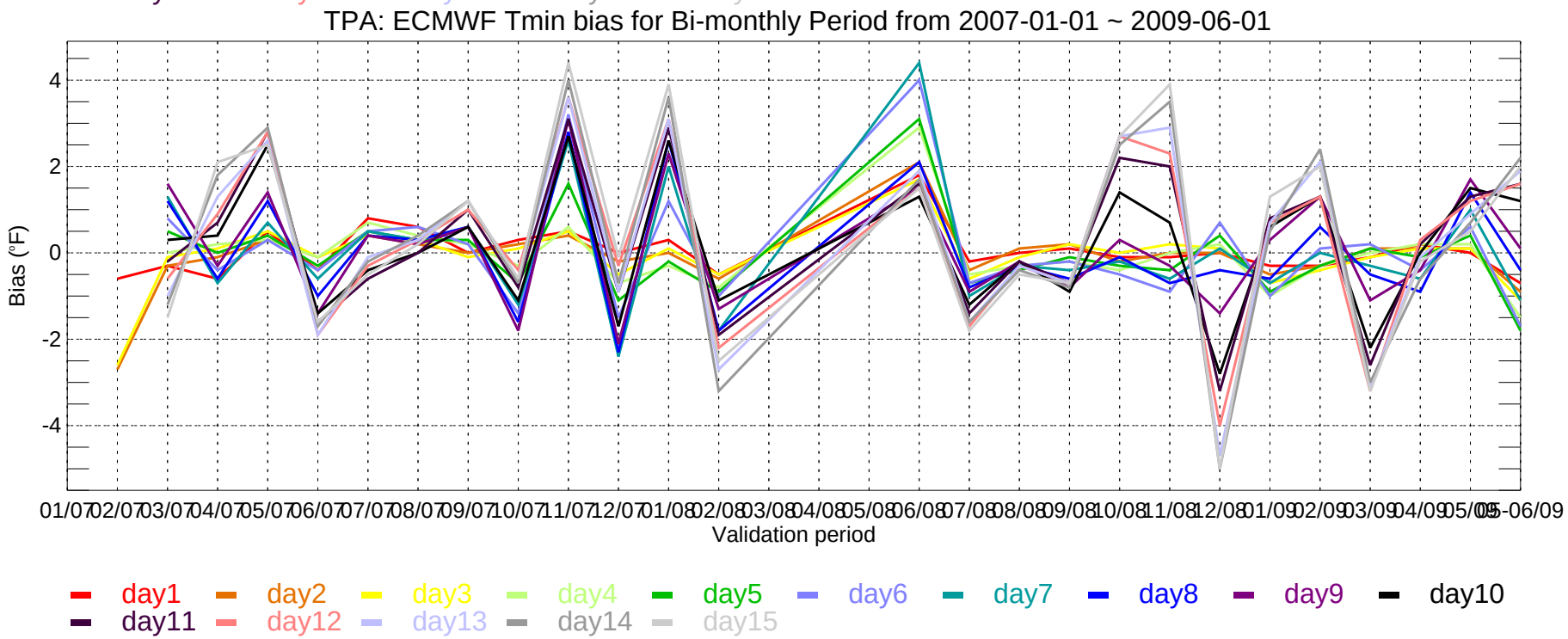

TLH: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

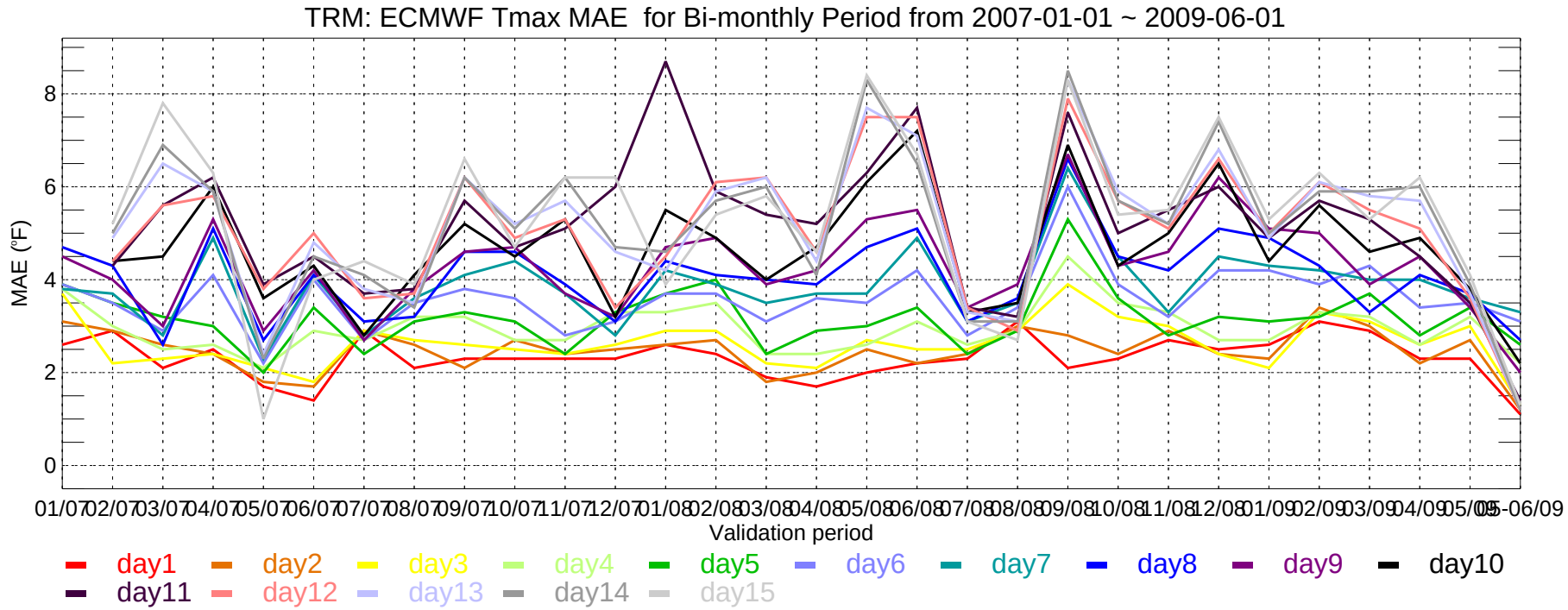

TLH: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

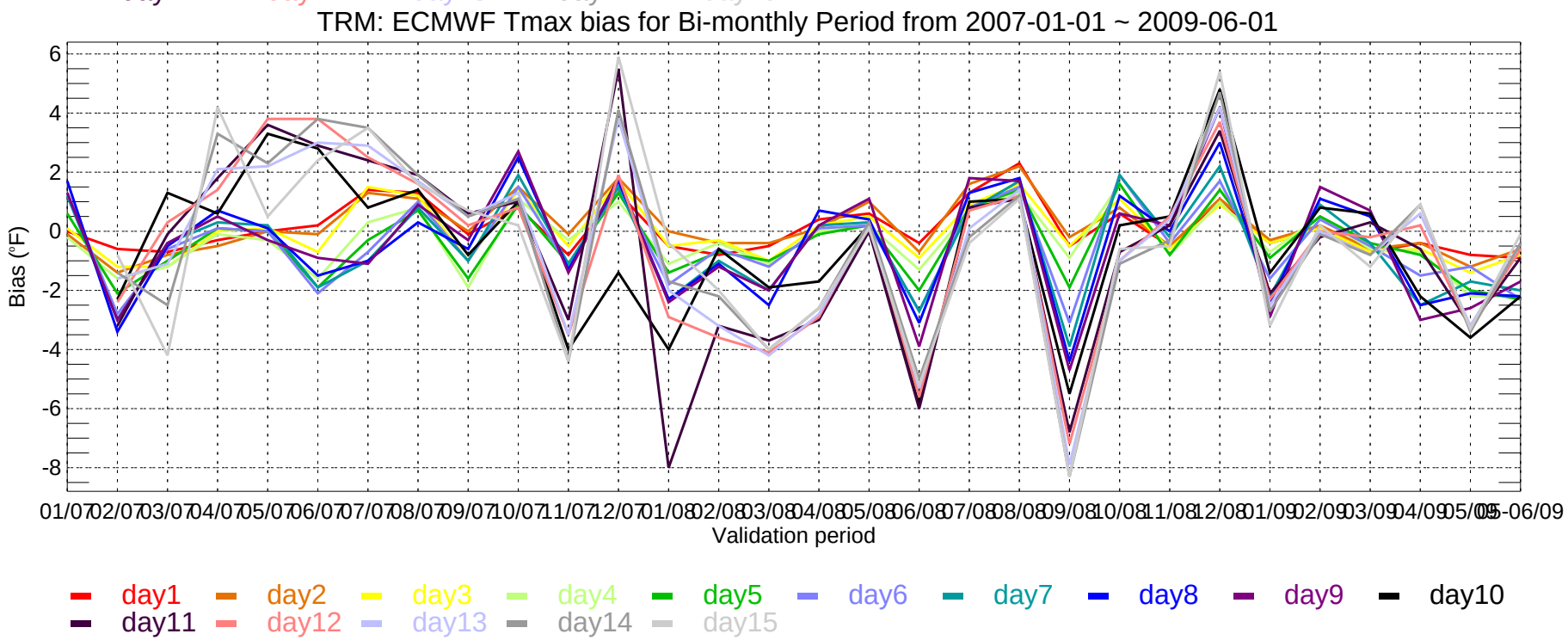

TPA: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

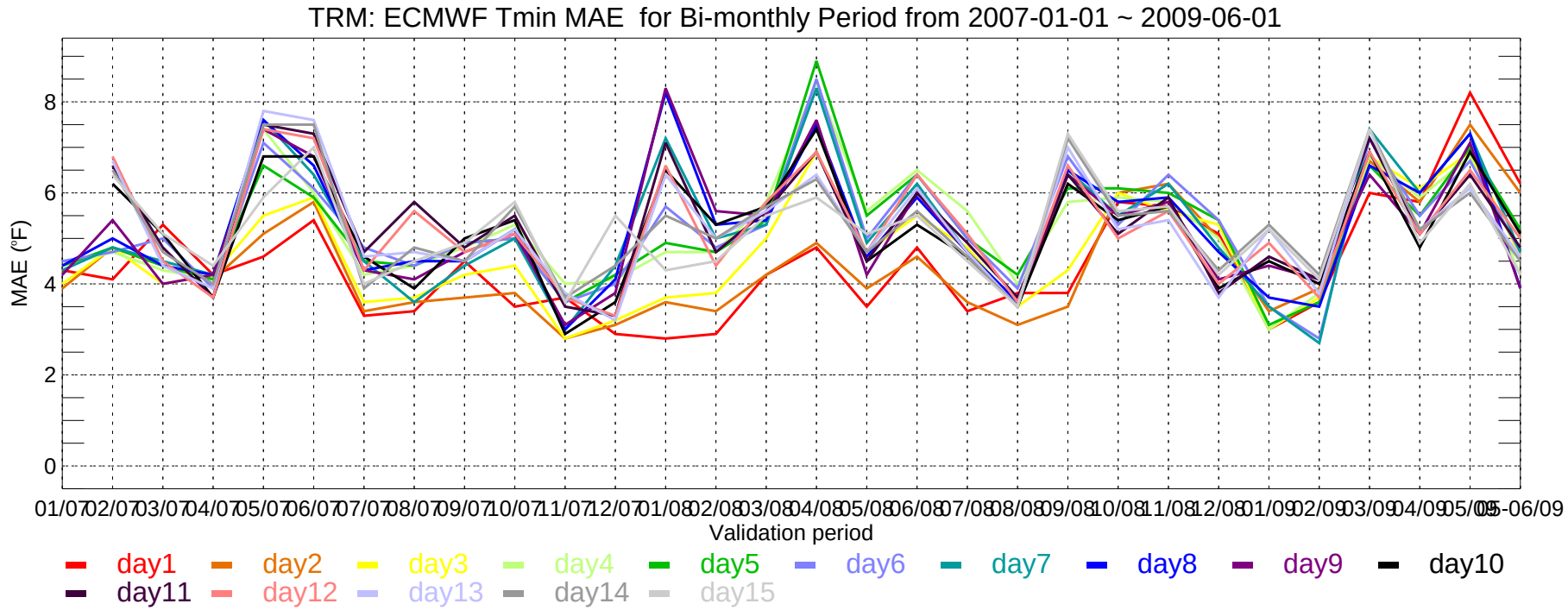

TPA: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

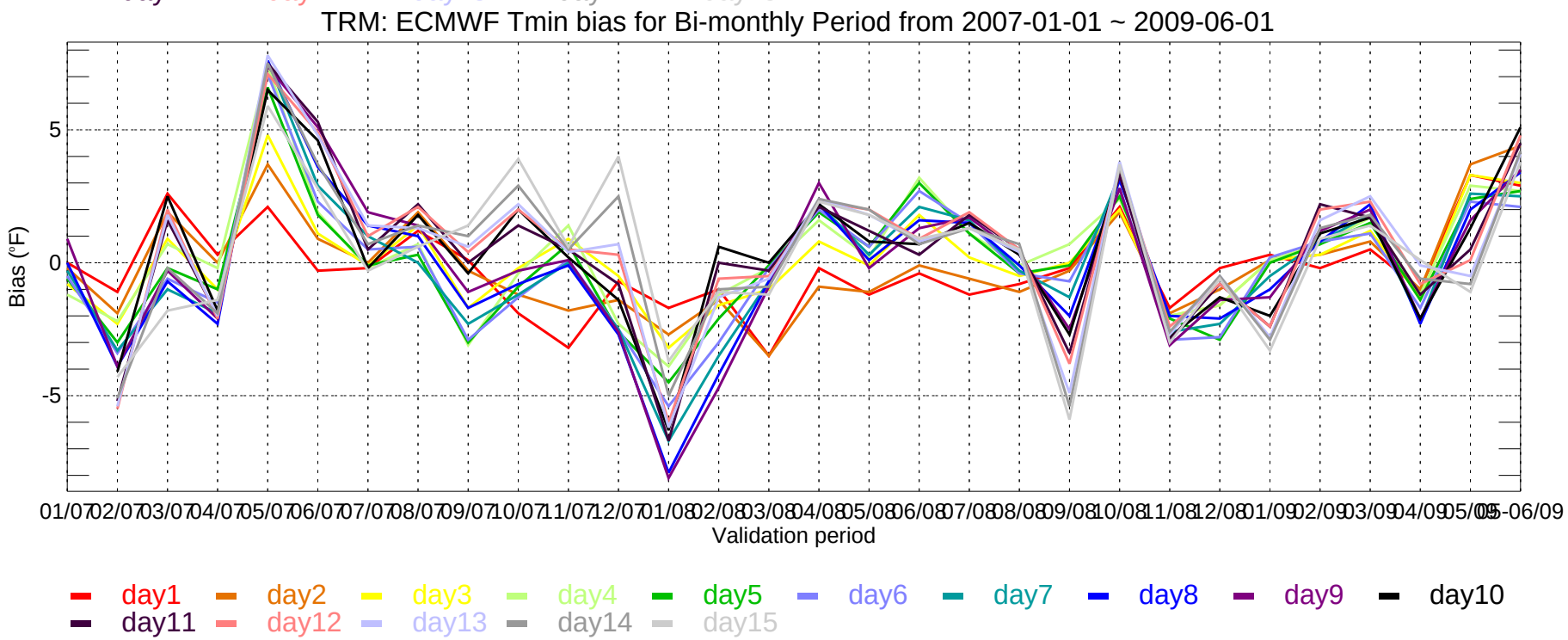

TPA: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

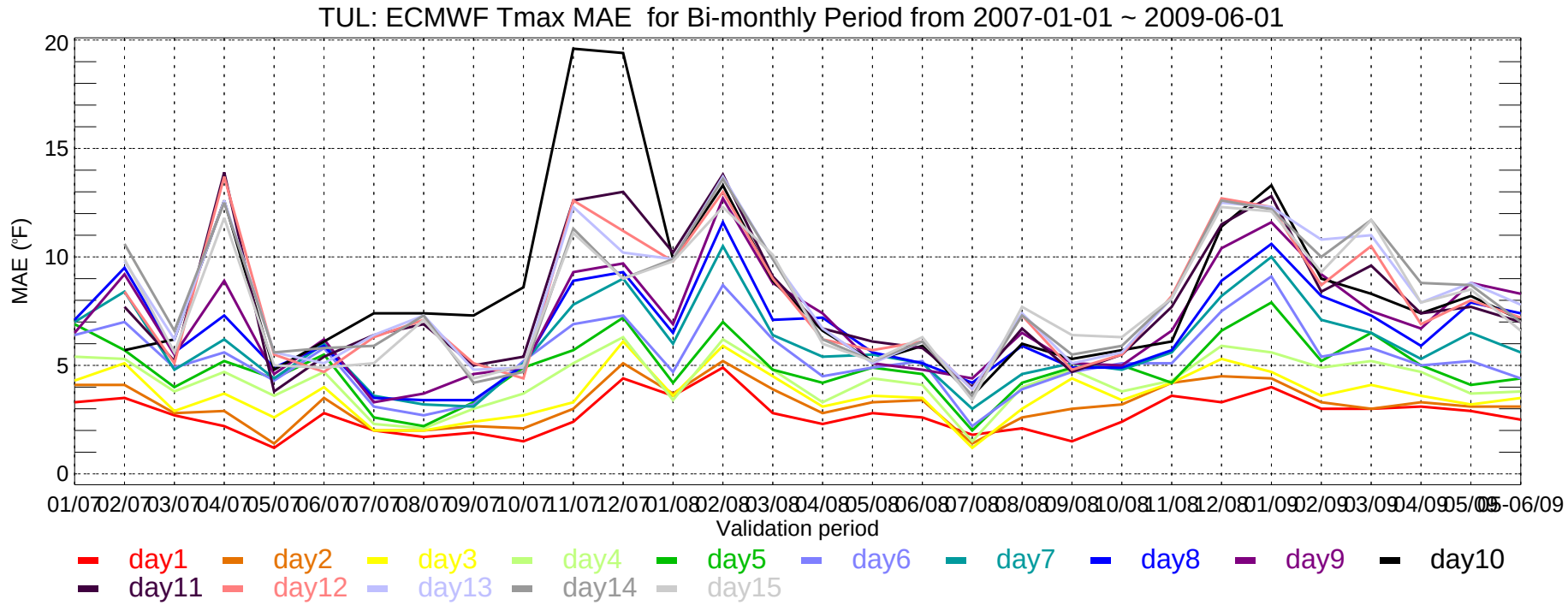

TPA: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

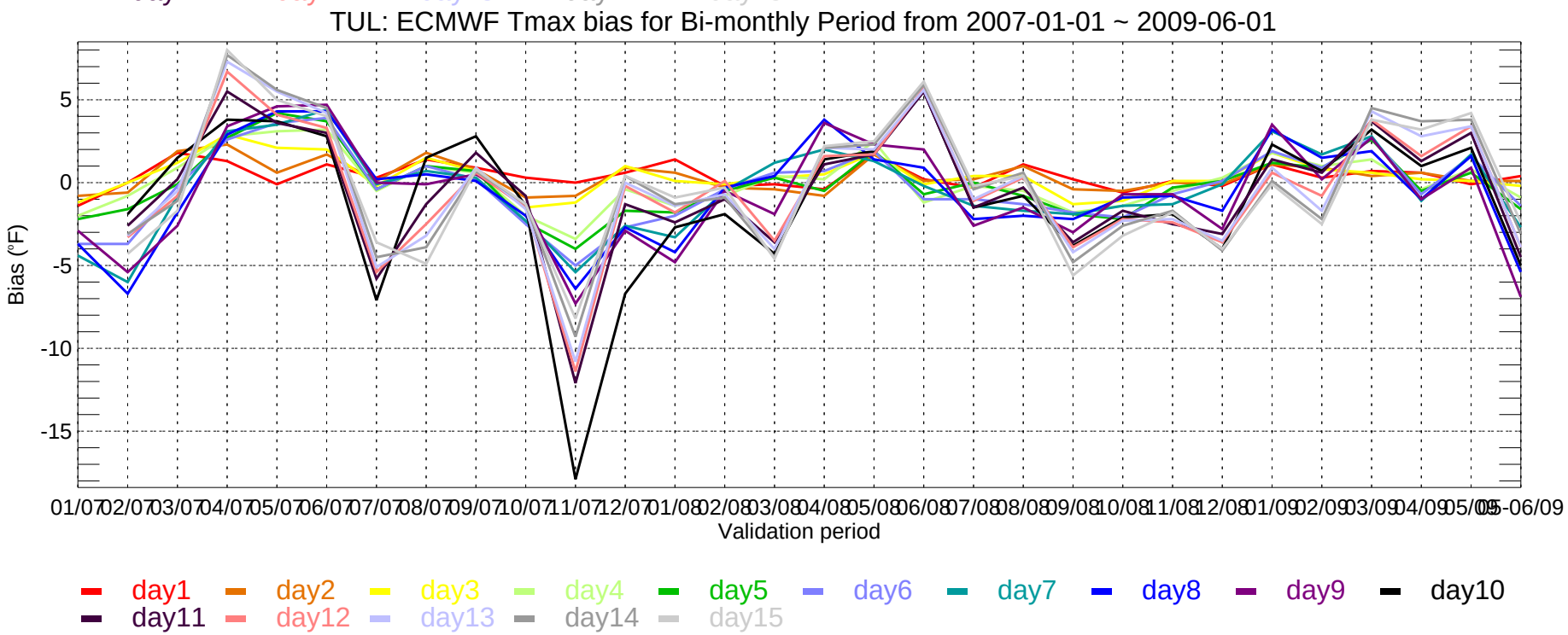

TRM: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

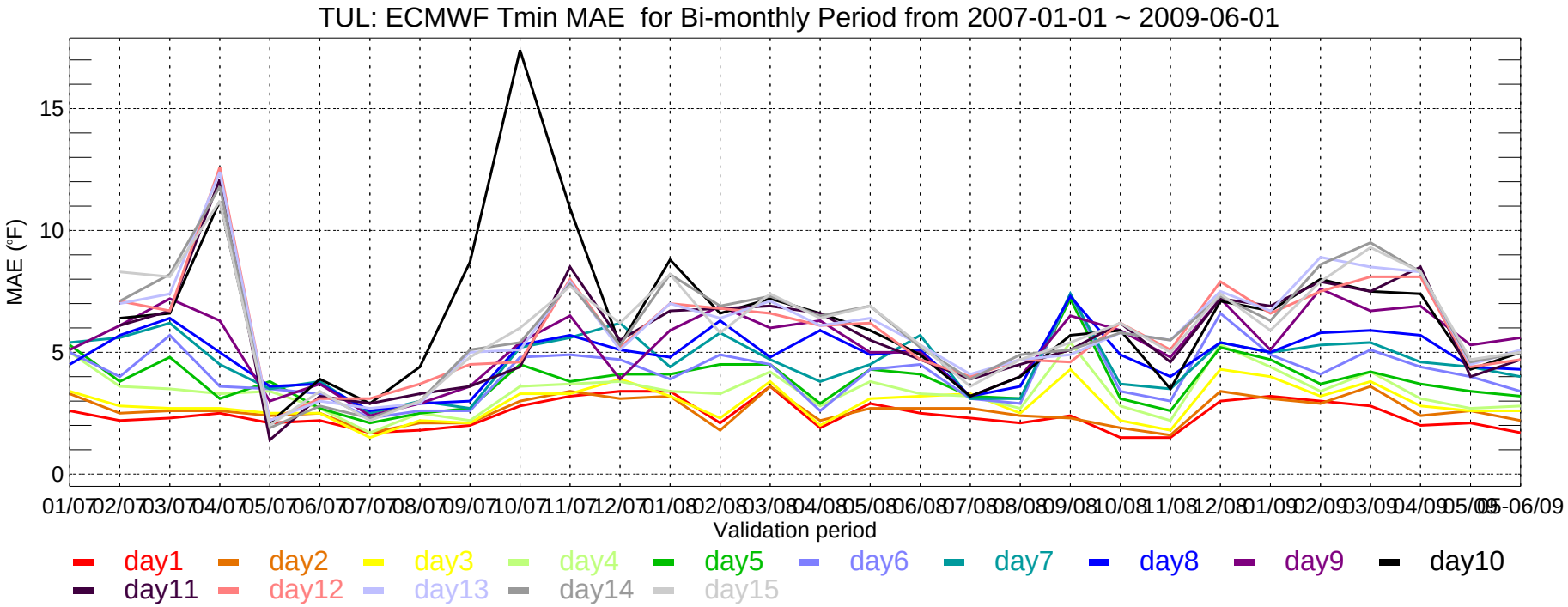

TRM: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

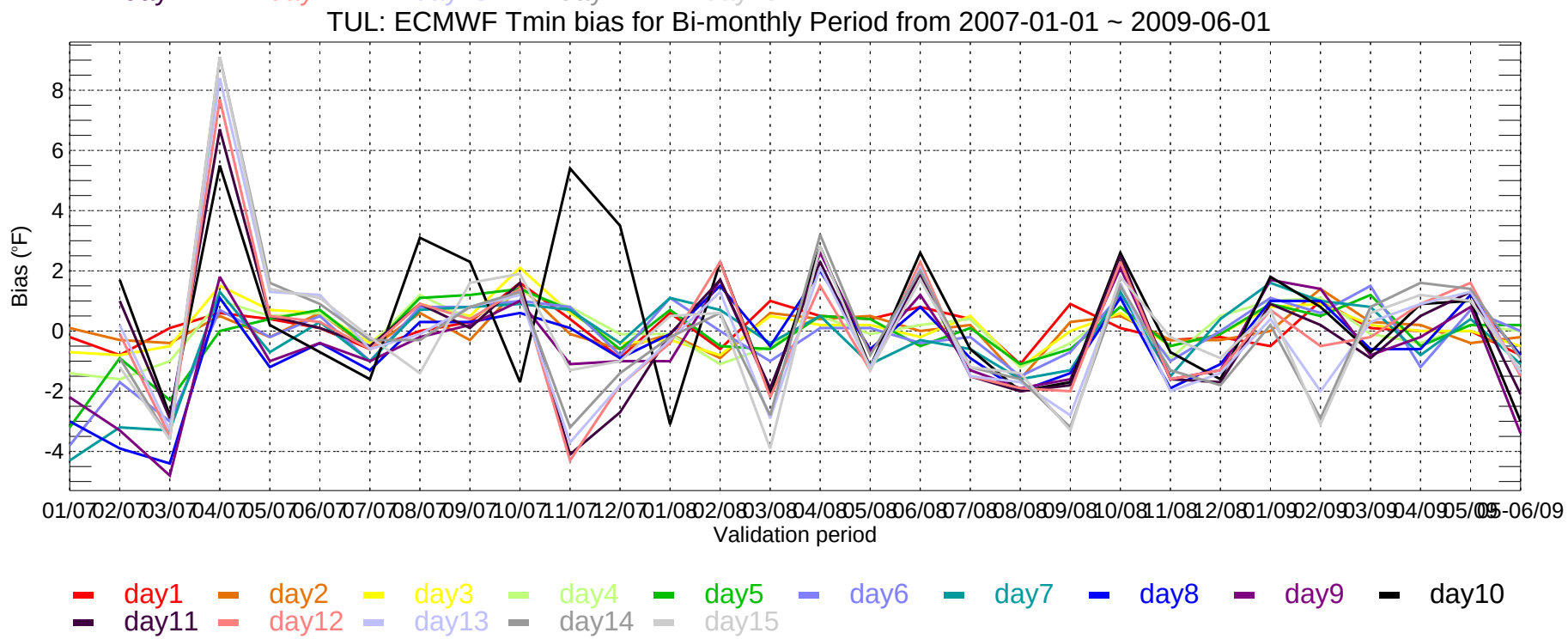

TRM: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

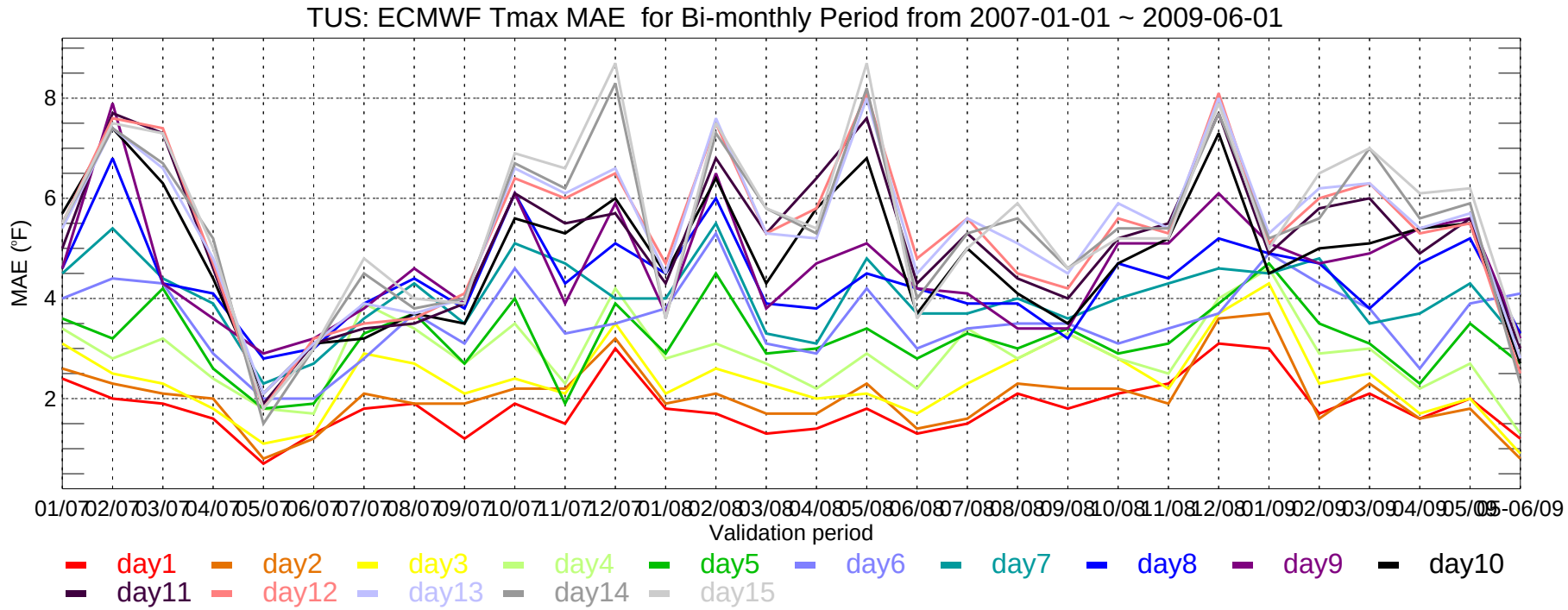

TRM: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

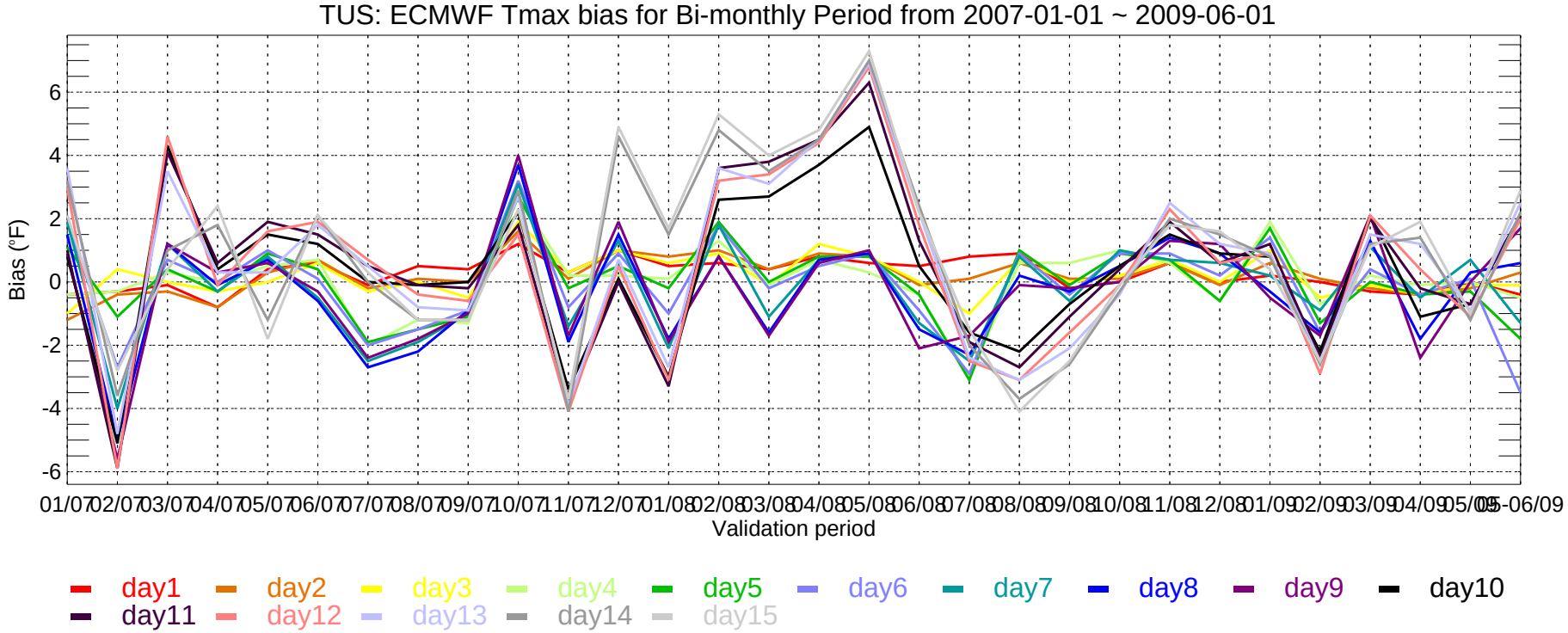

TUL: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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


TUL: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


TUL: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


TUL: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


TUS: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


TUS: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
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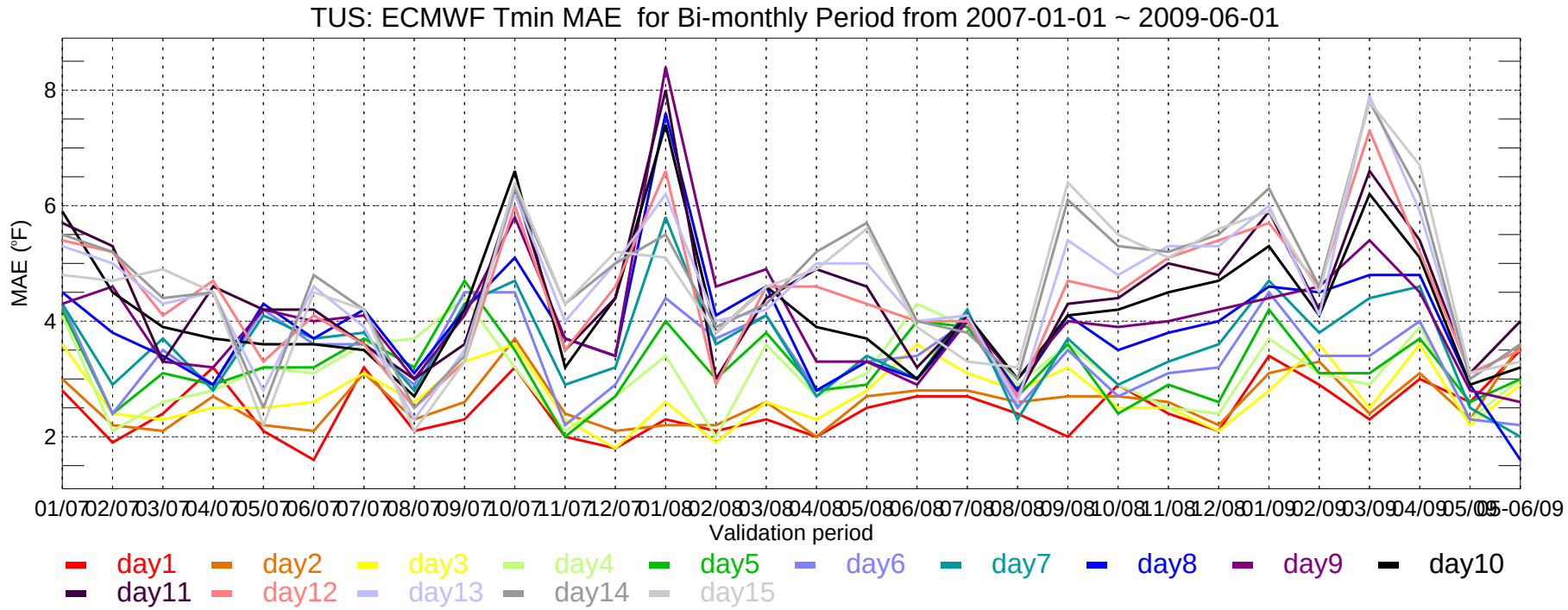
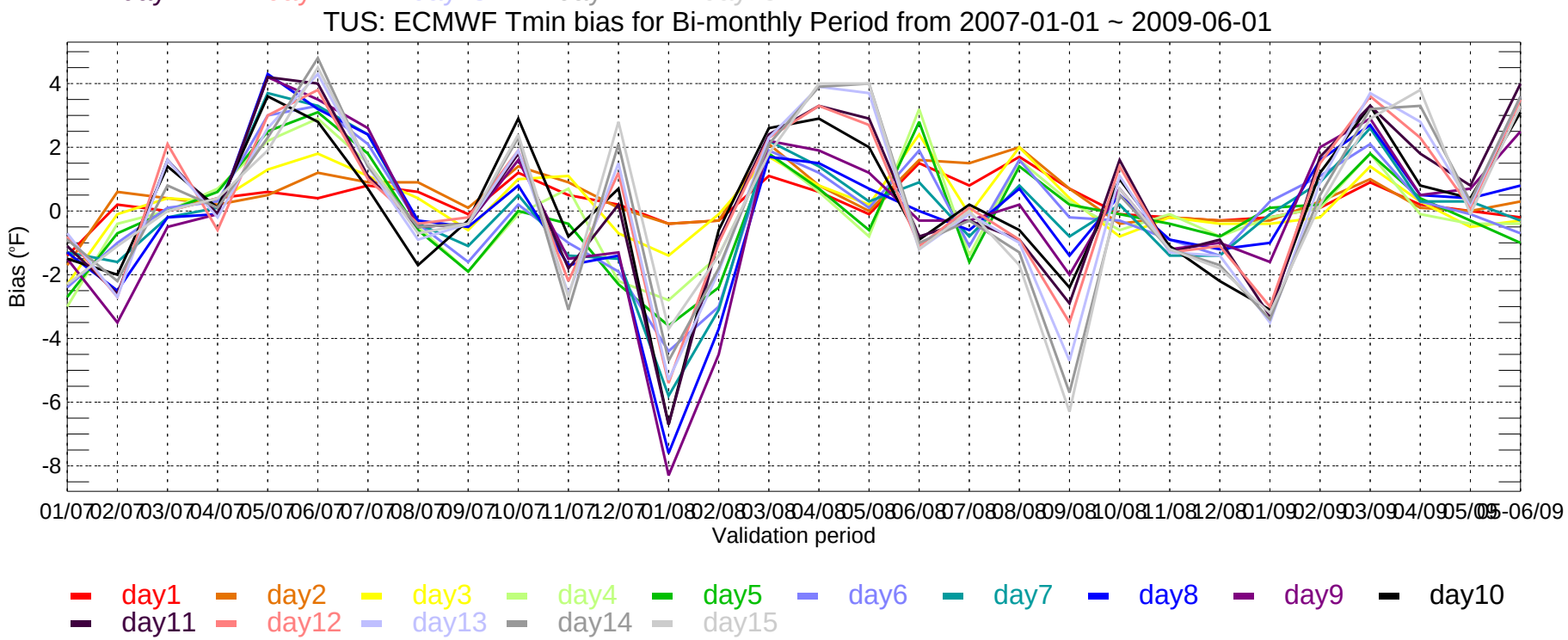
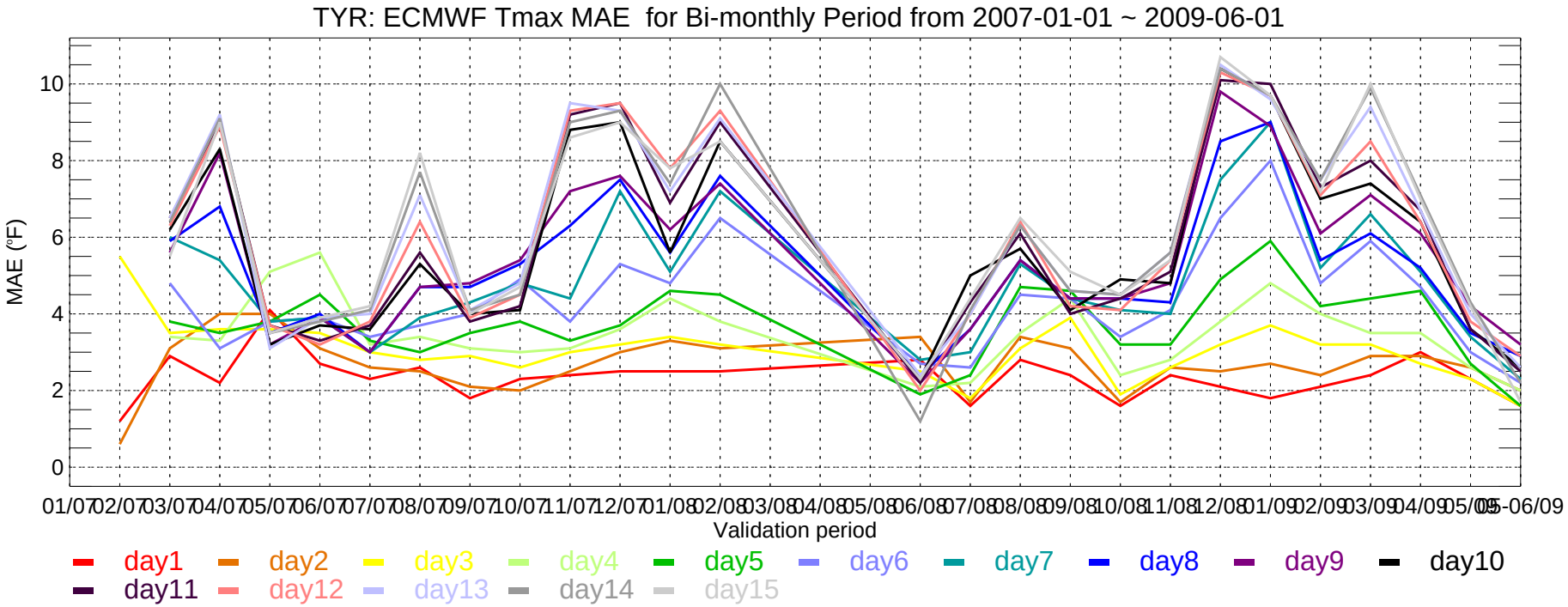
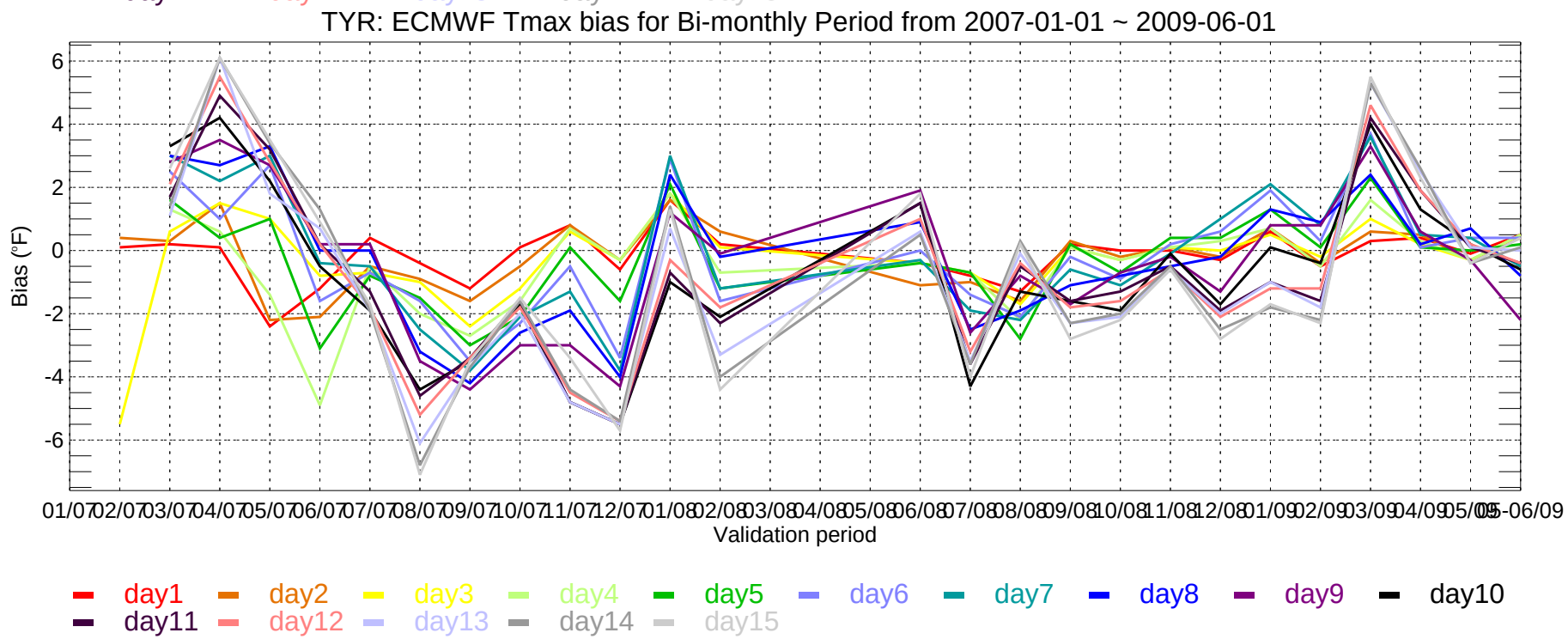
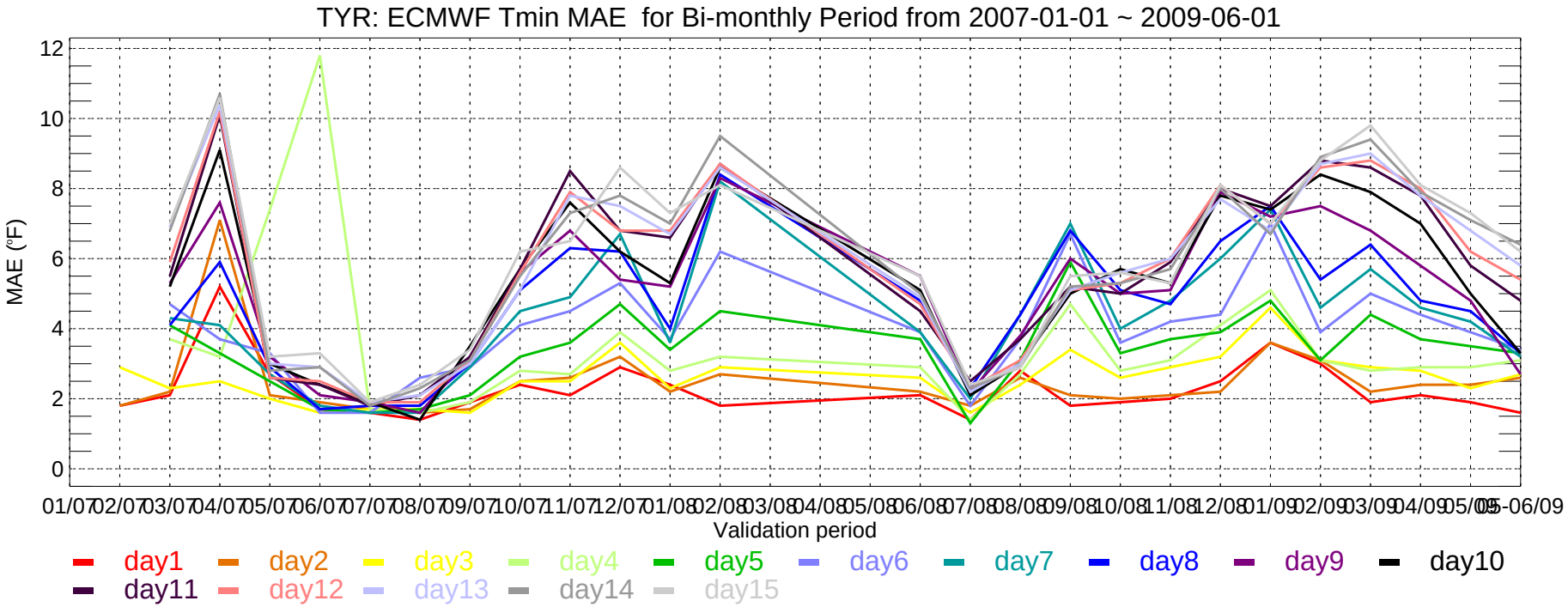
day11 day12 day13 day14 day15

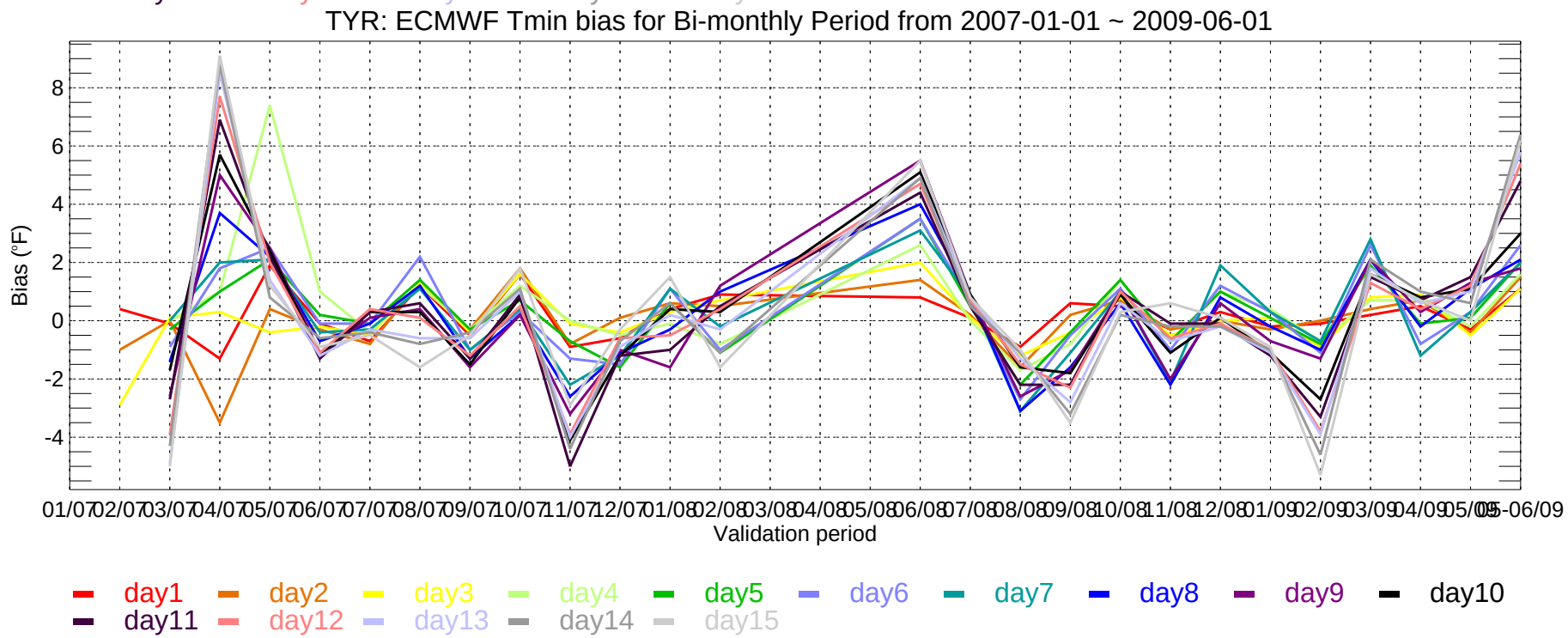

TUS: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

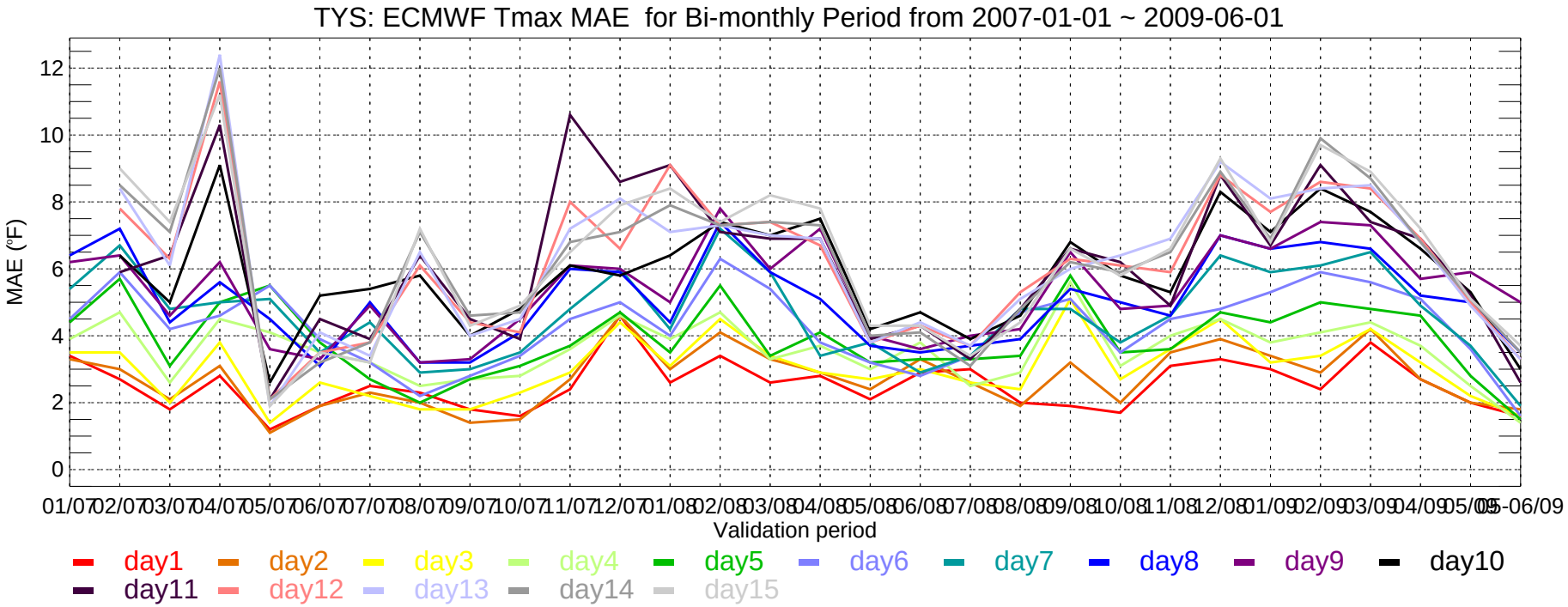

TUS: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

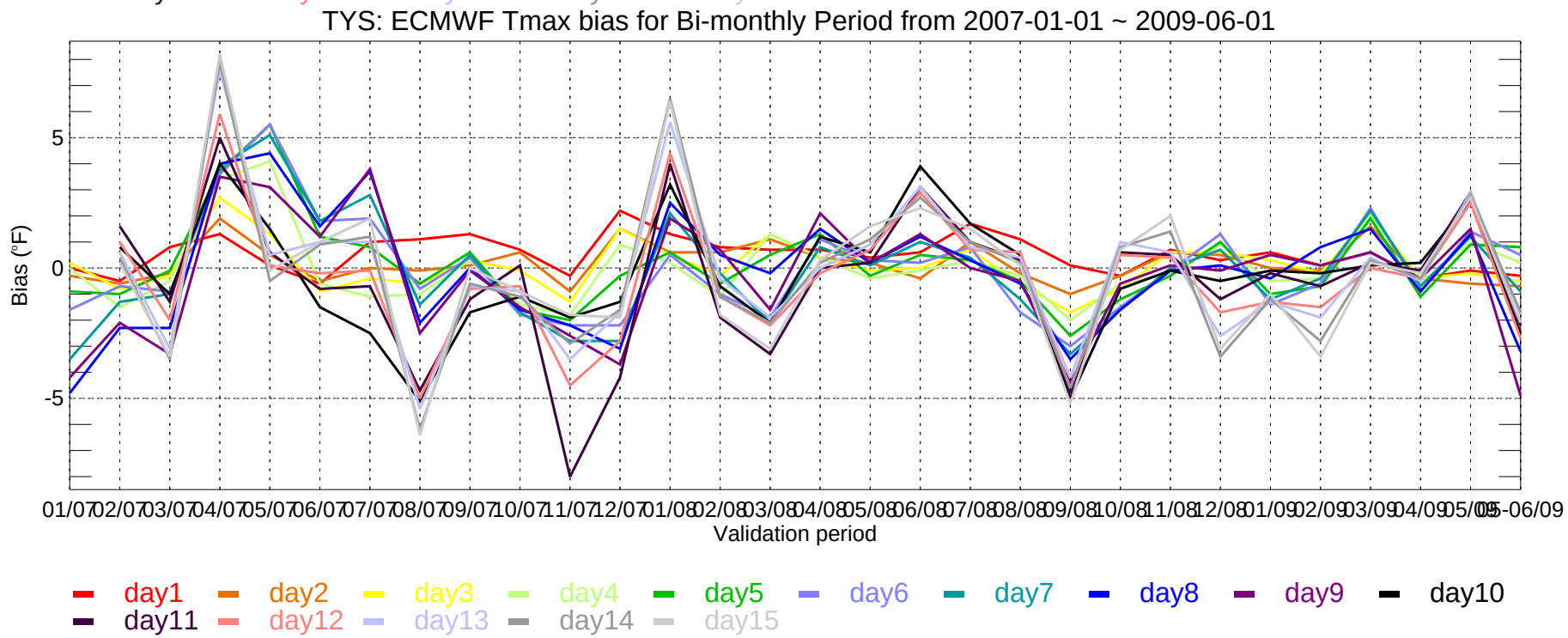

TYR: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

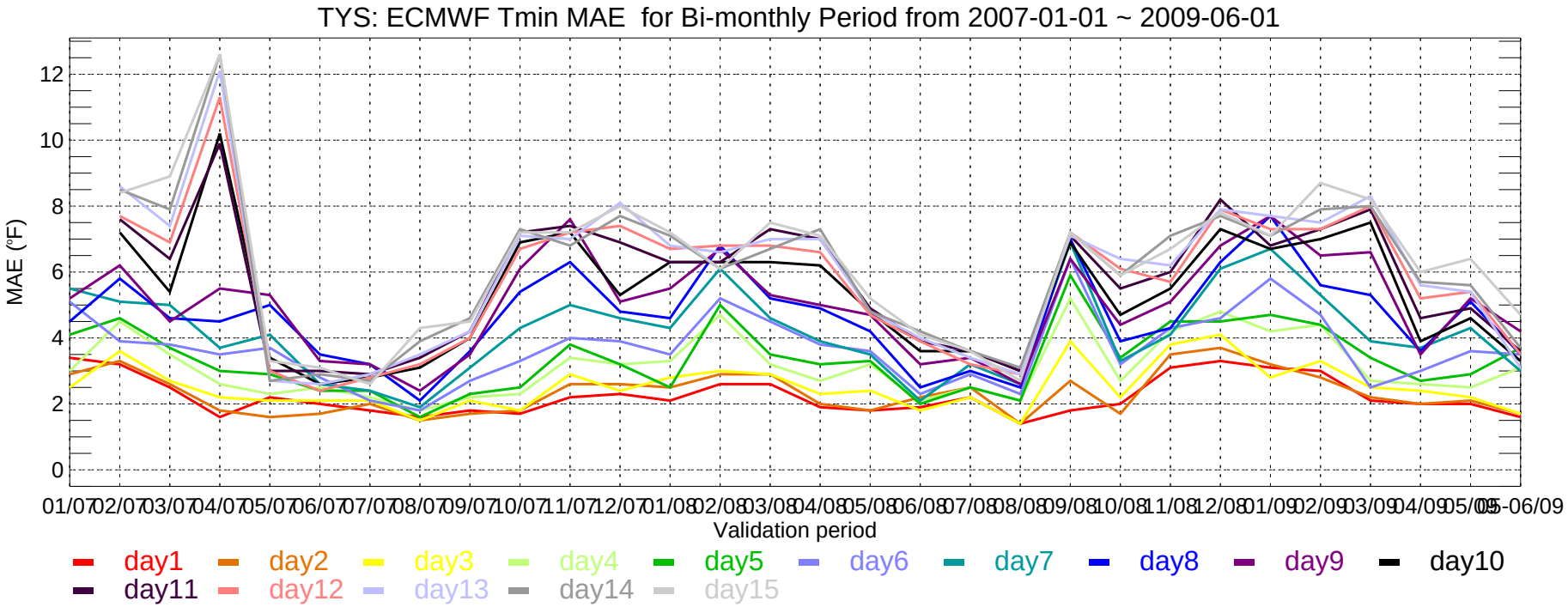

TYR: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

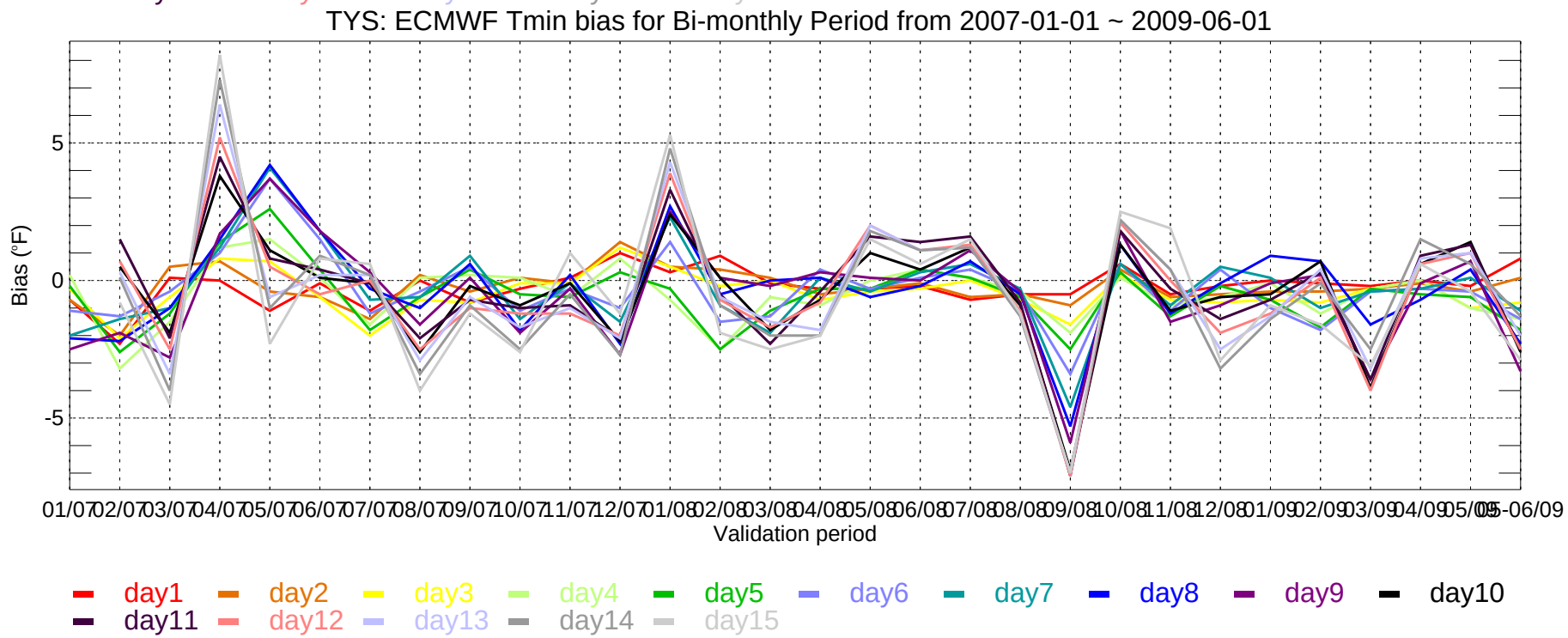

TYR: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

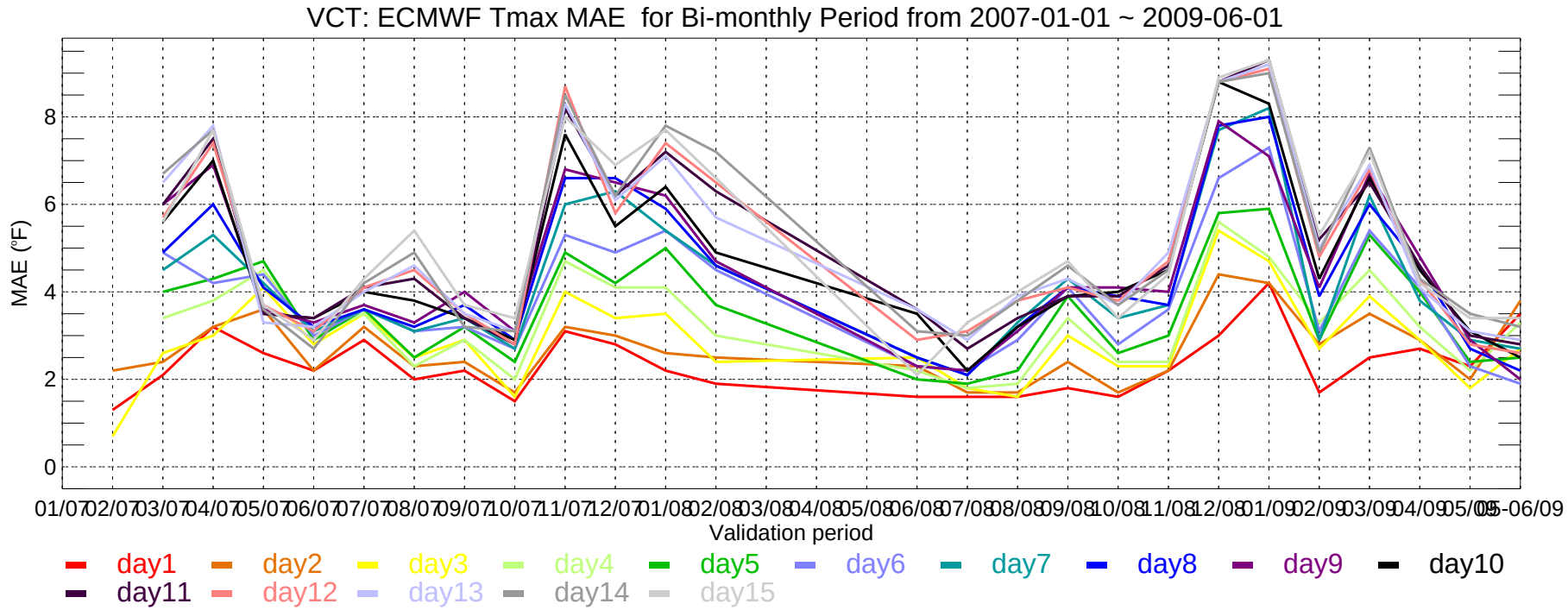

TYR: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

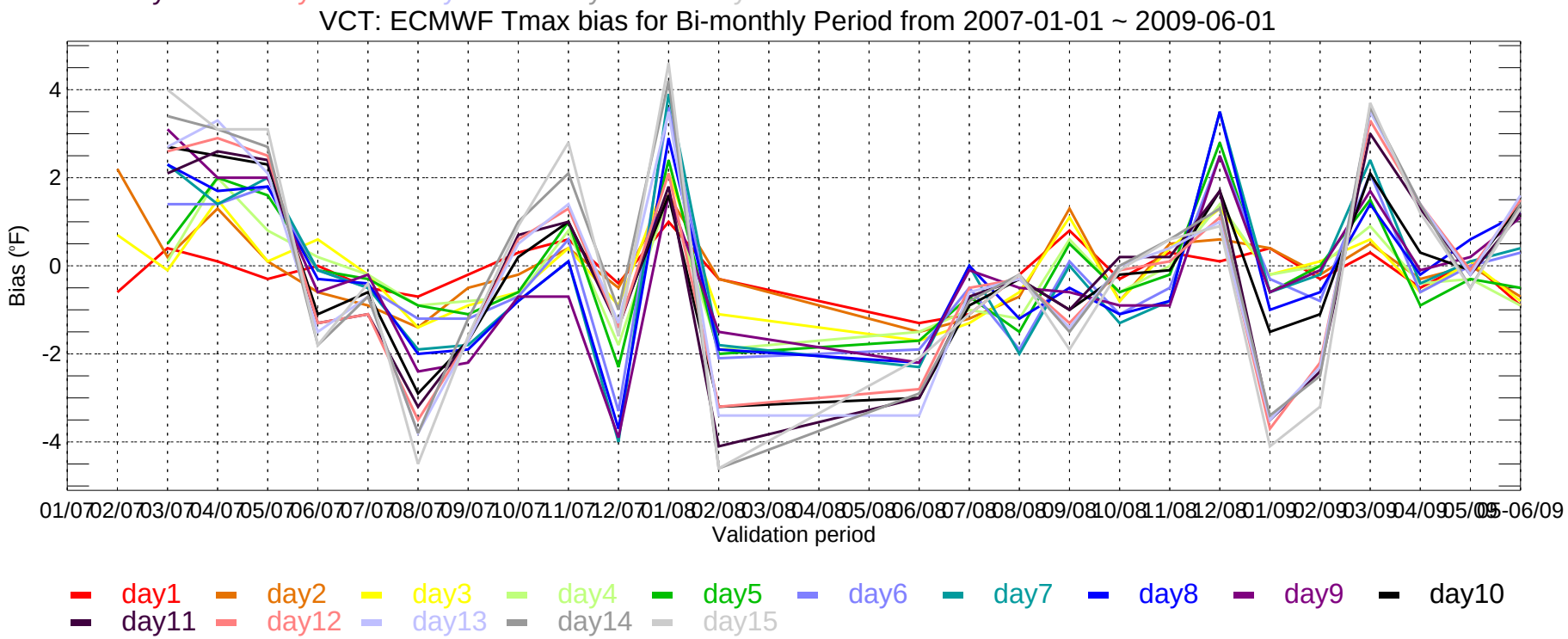

TYS: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

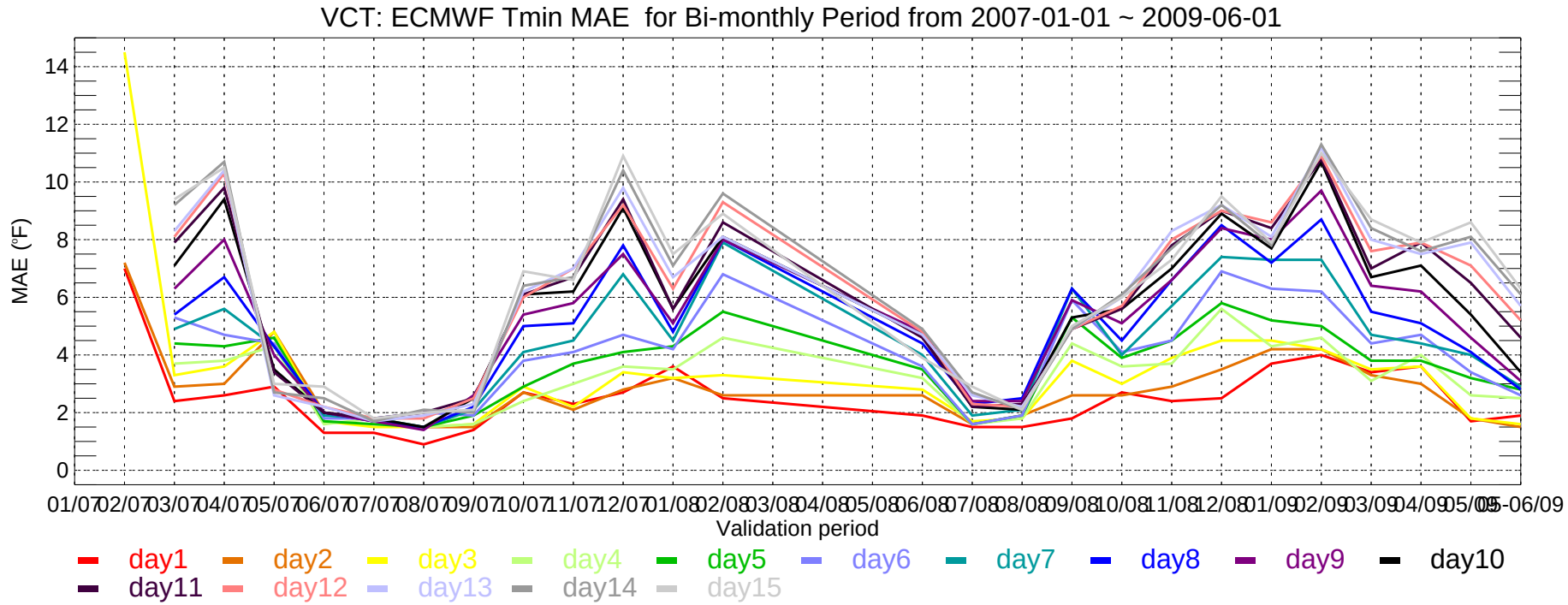

TYS: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

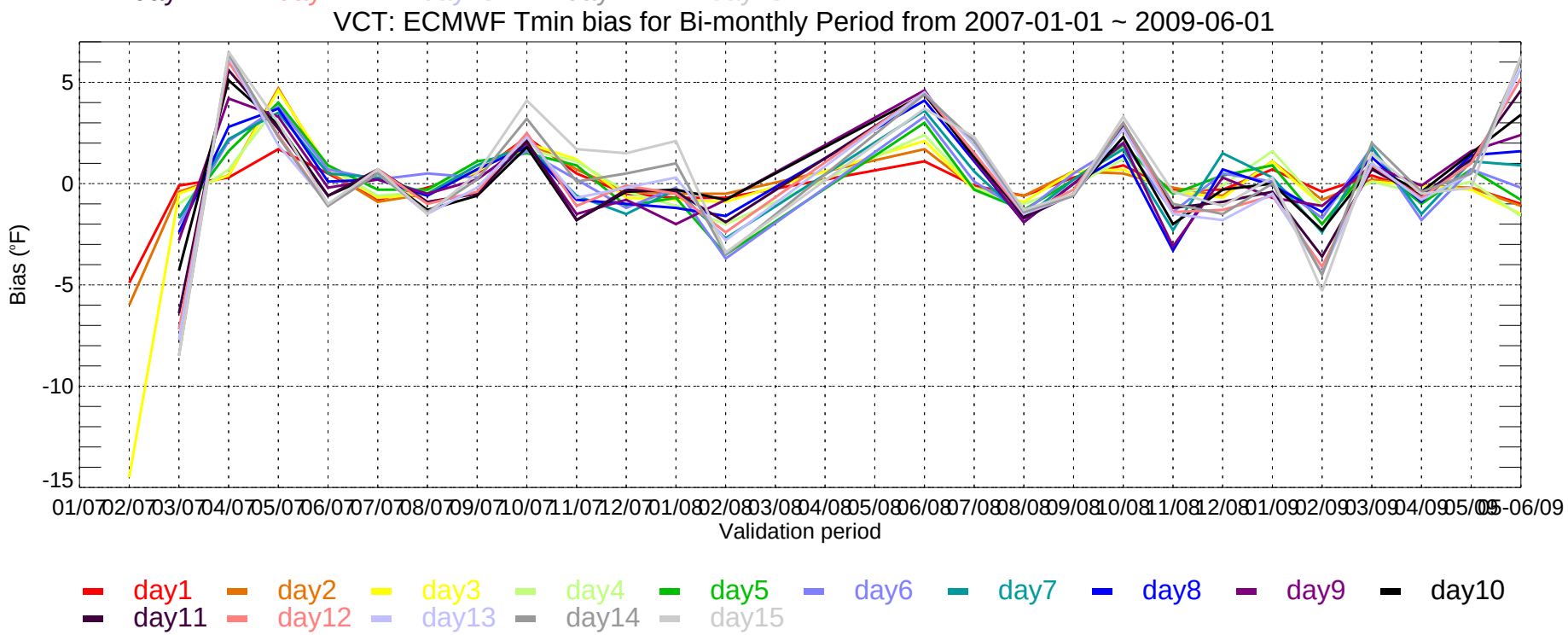

TYS: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

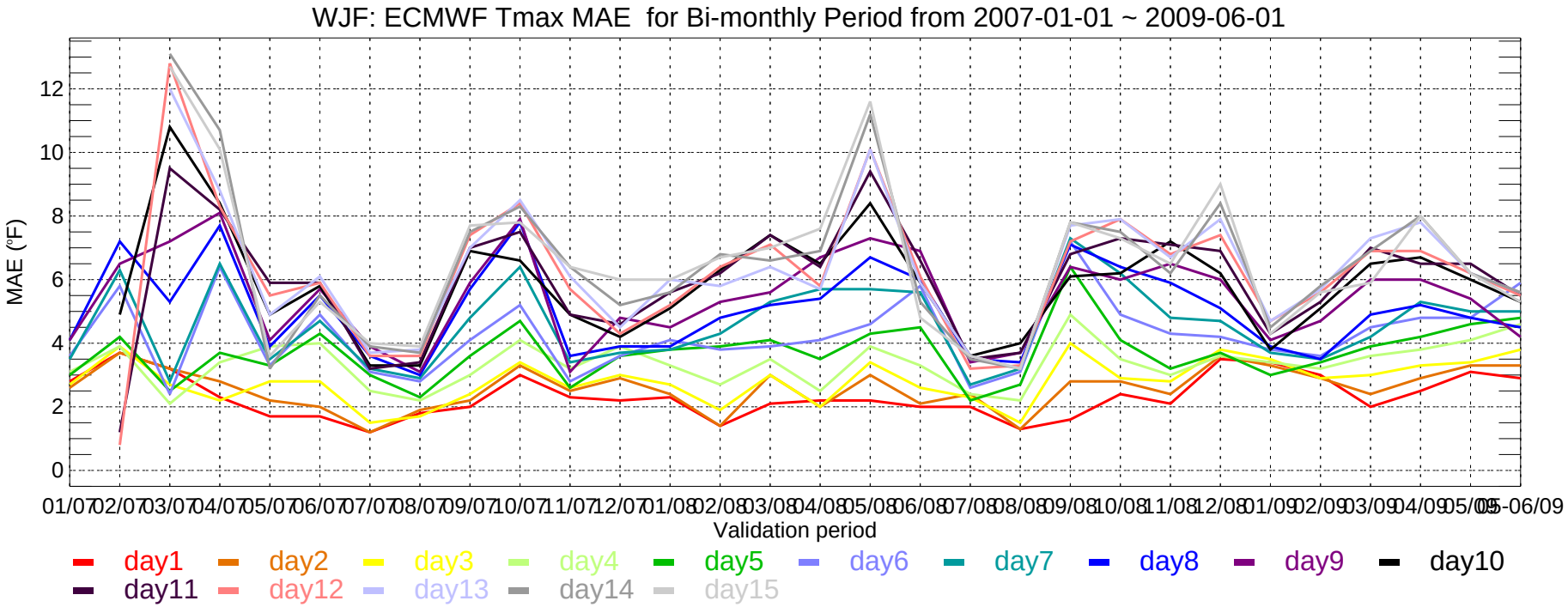

TYS: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

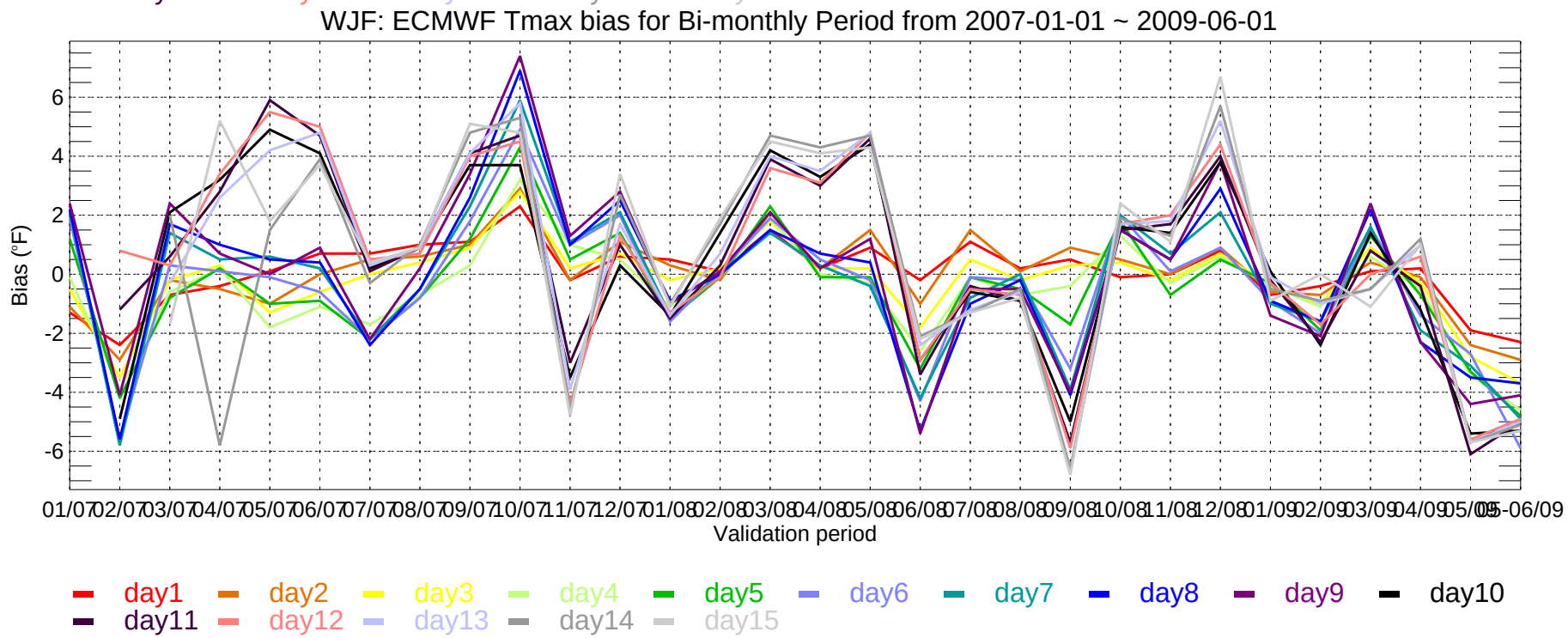

VCT: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

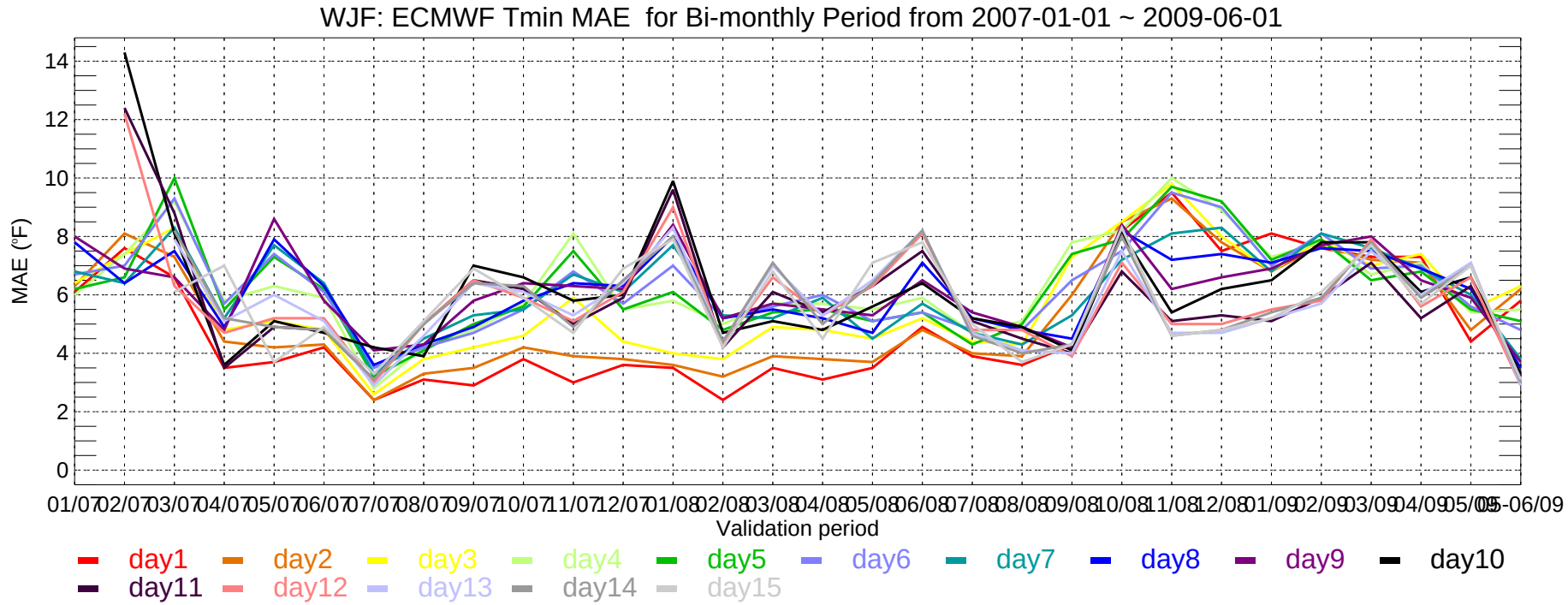

VCT: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

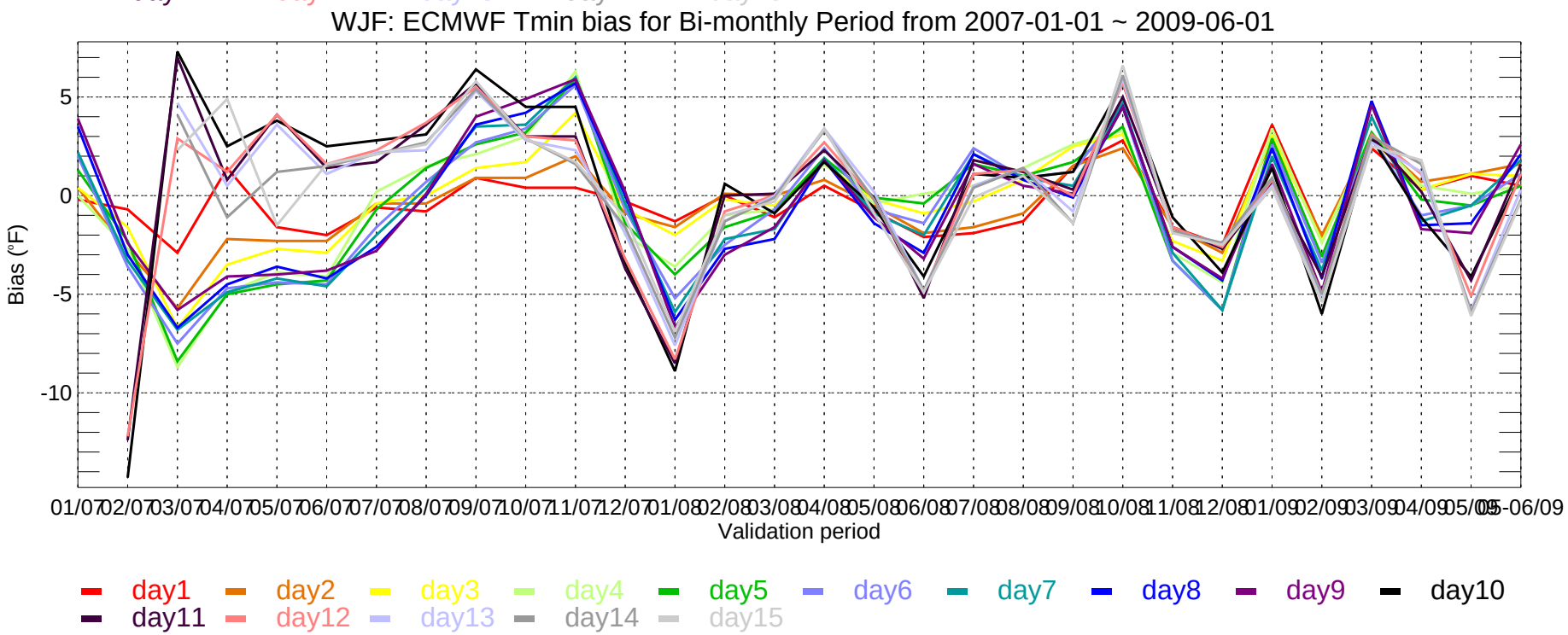

VCT: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

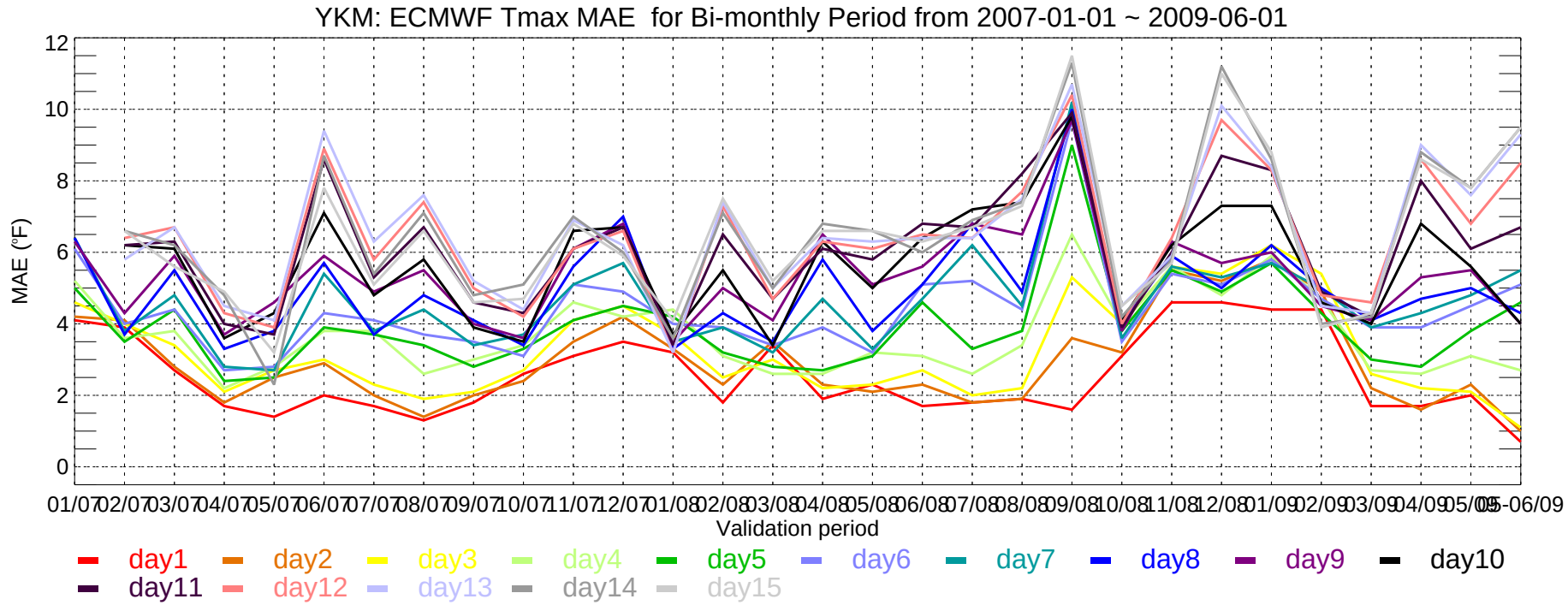

VCT: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

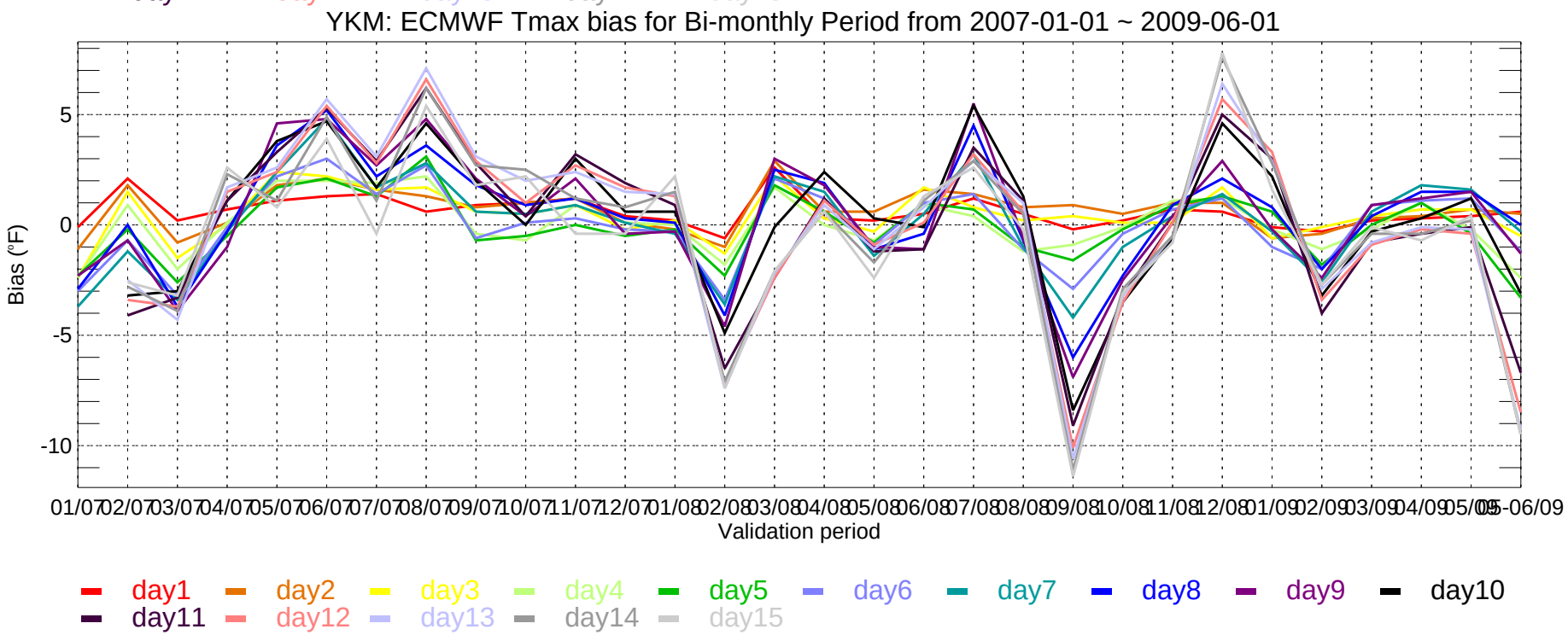

WJF: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

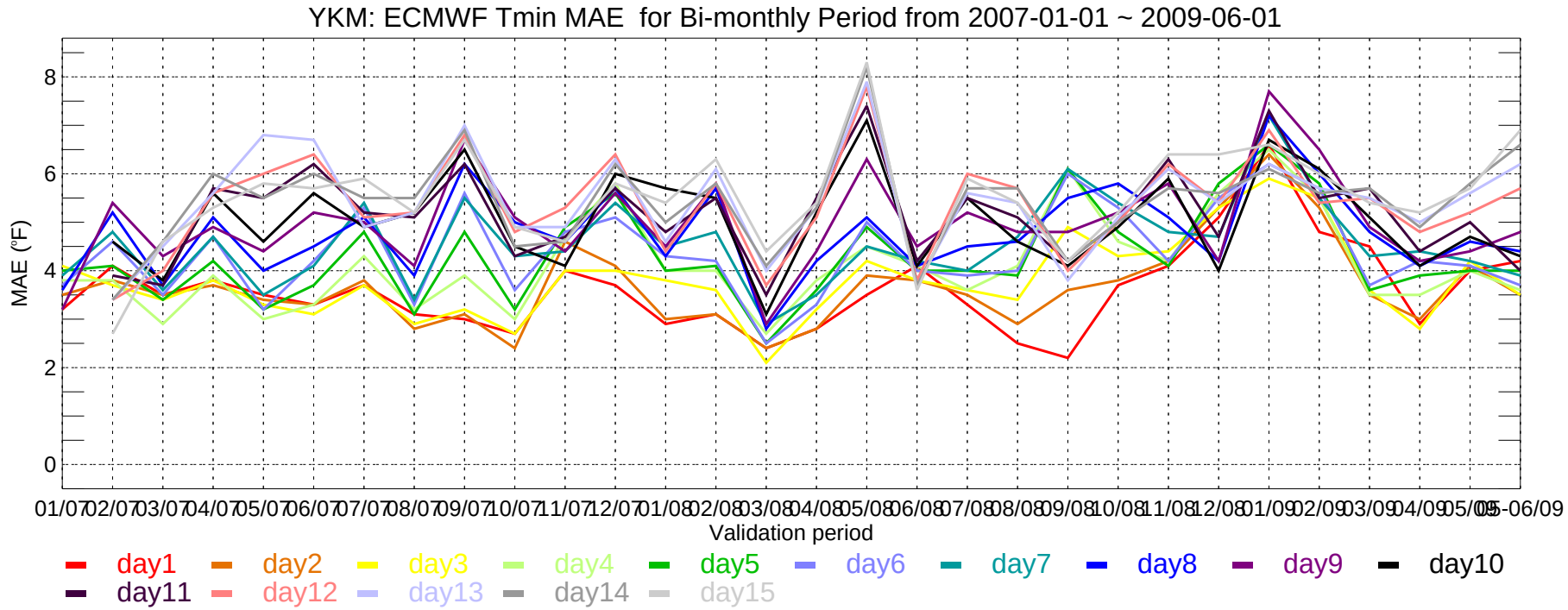

WJF: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

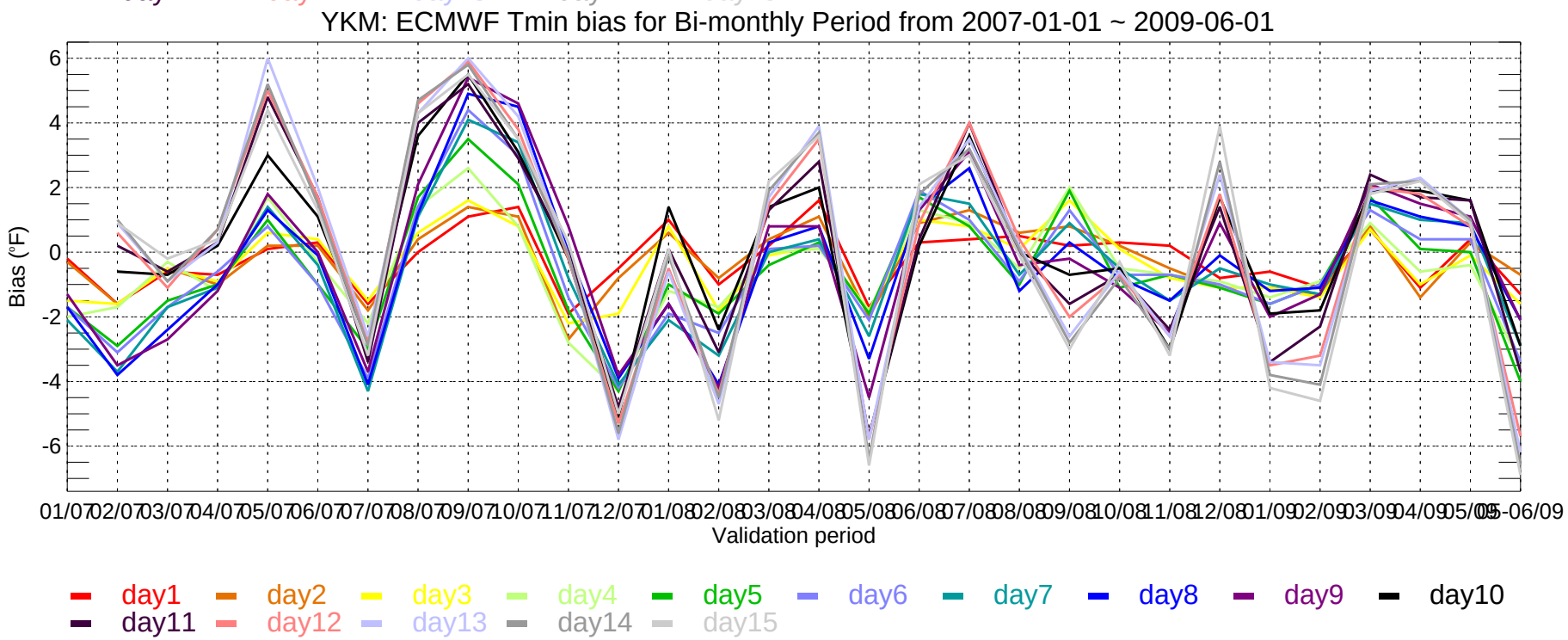

WJF: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

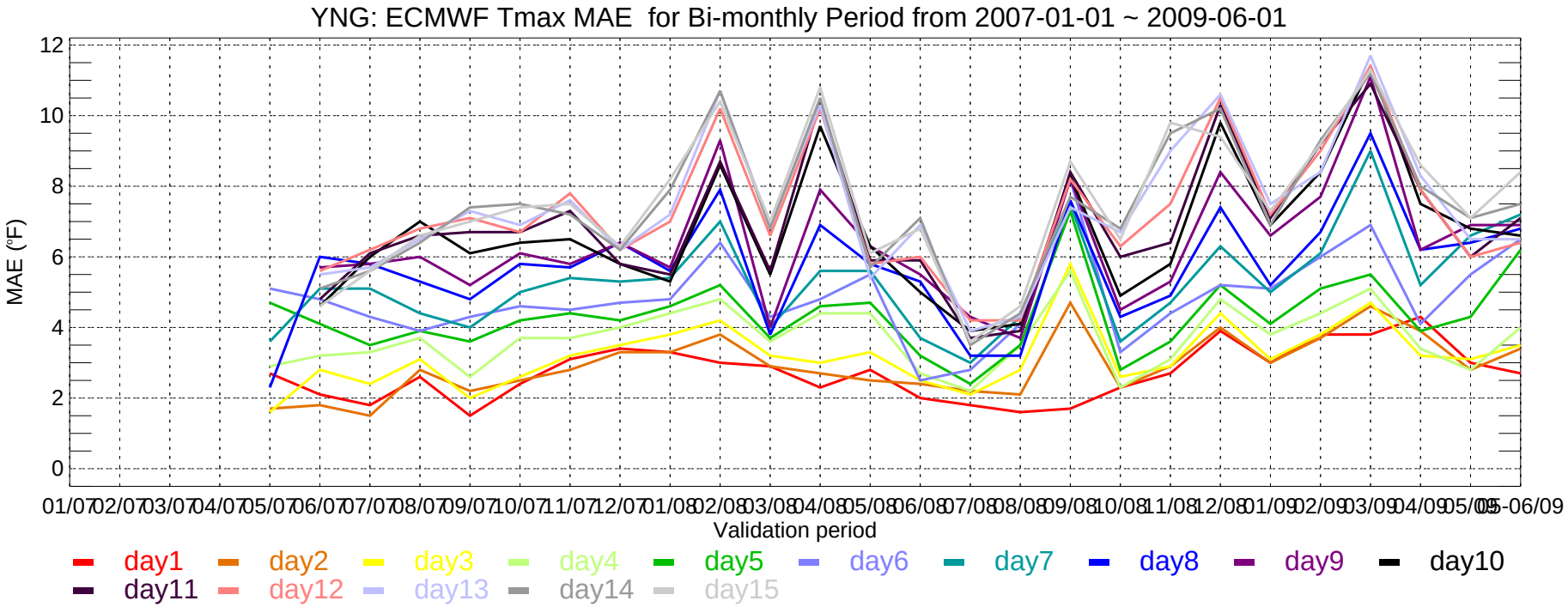

WJF: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

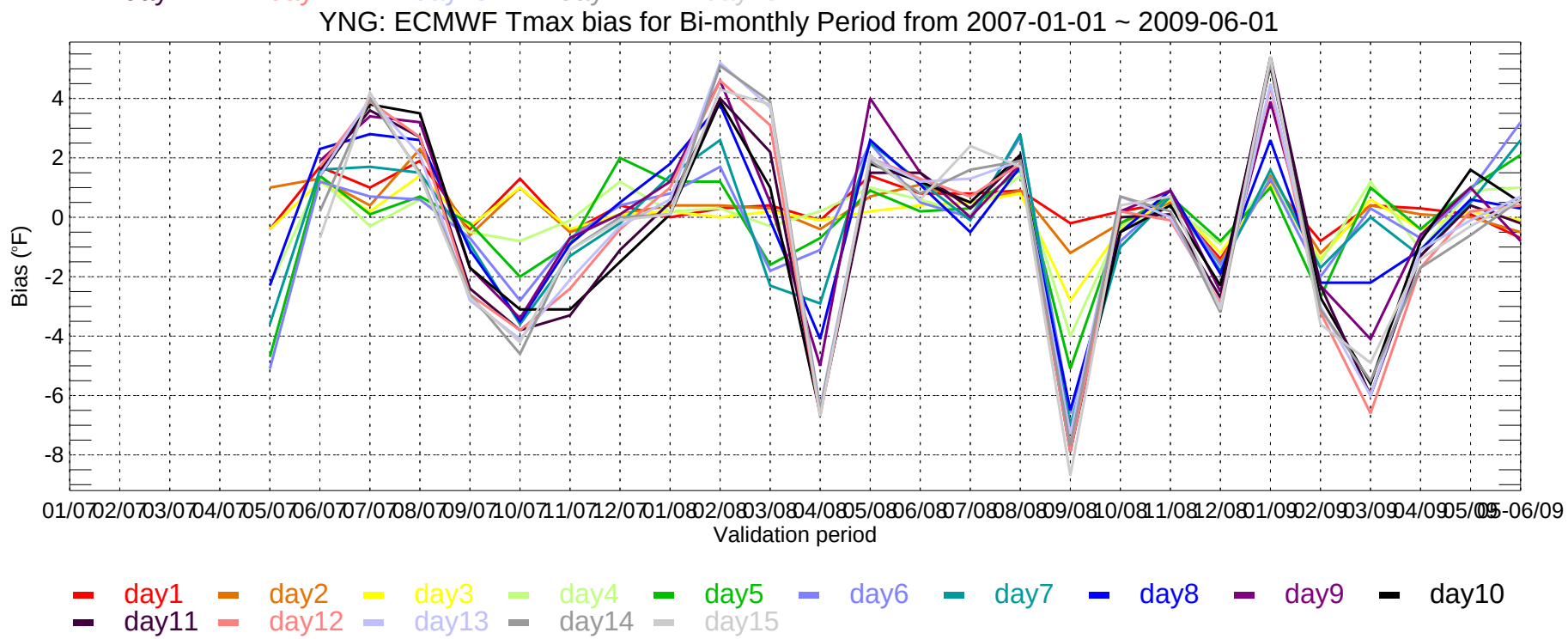

YKM: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

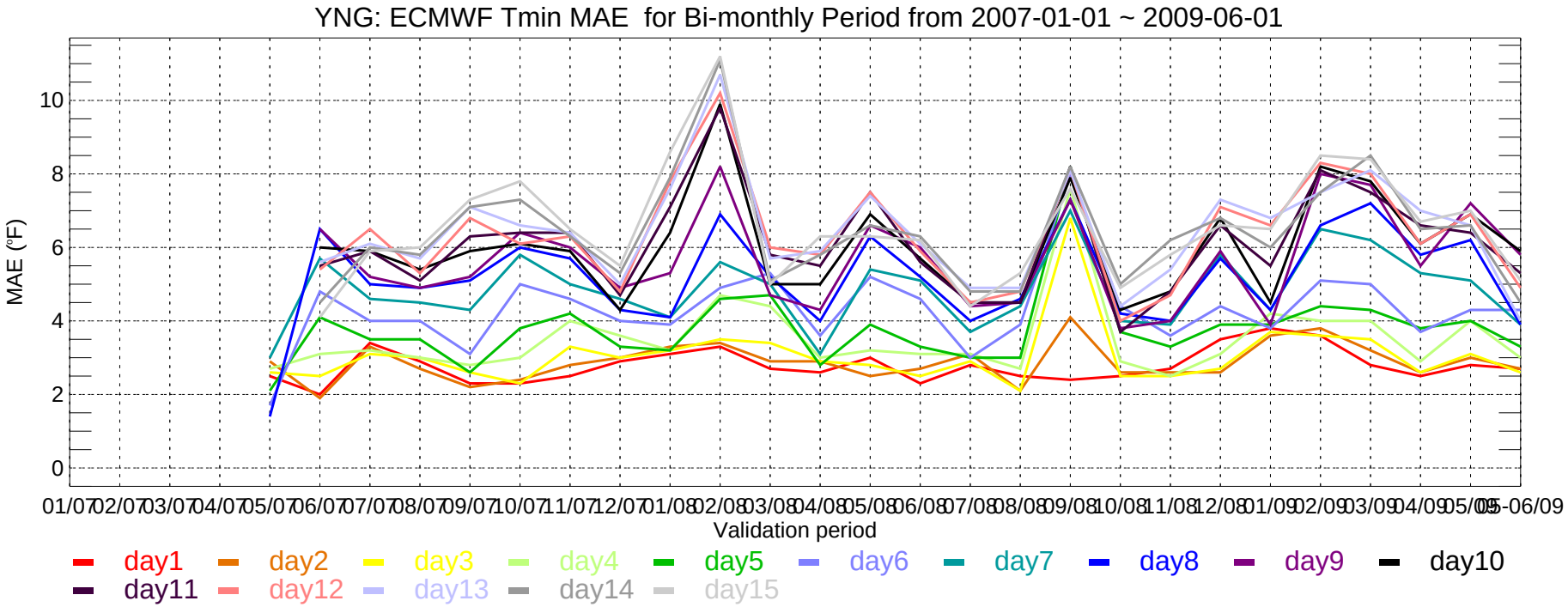

YKM: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

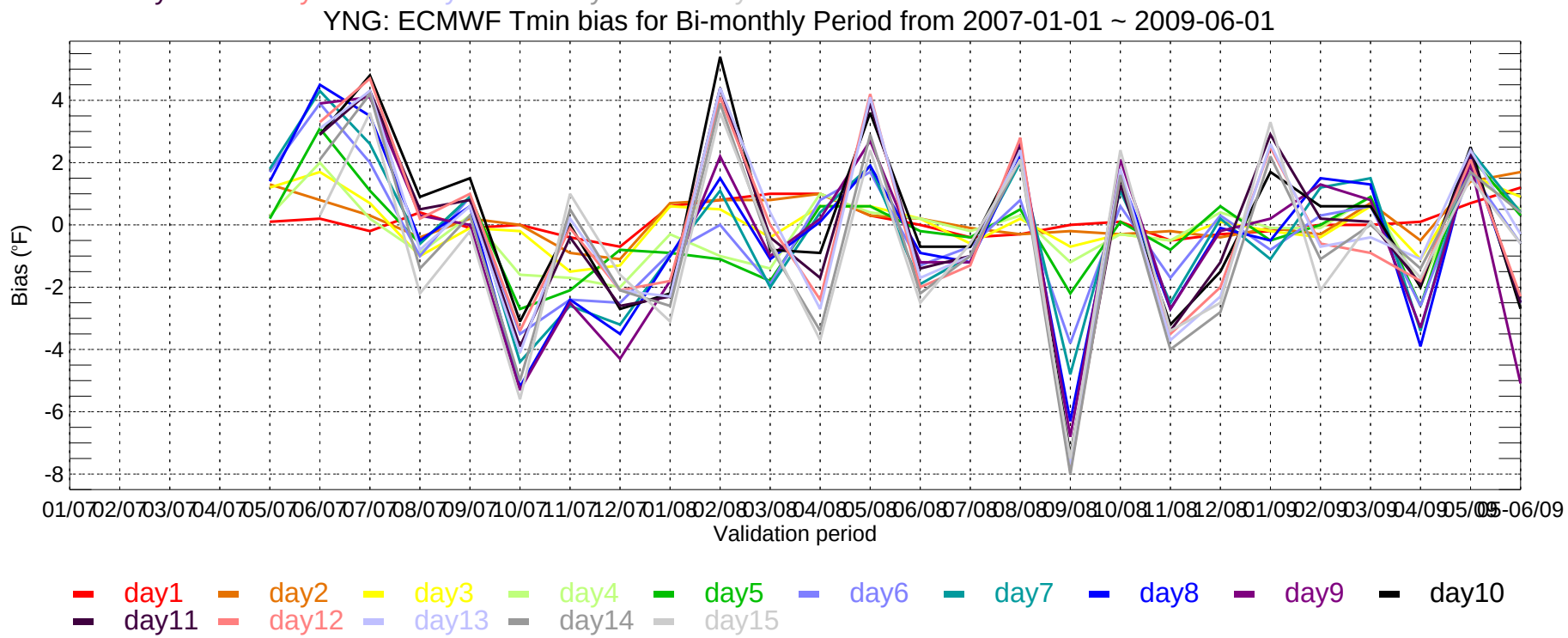

YKM: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

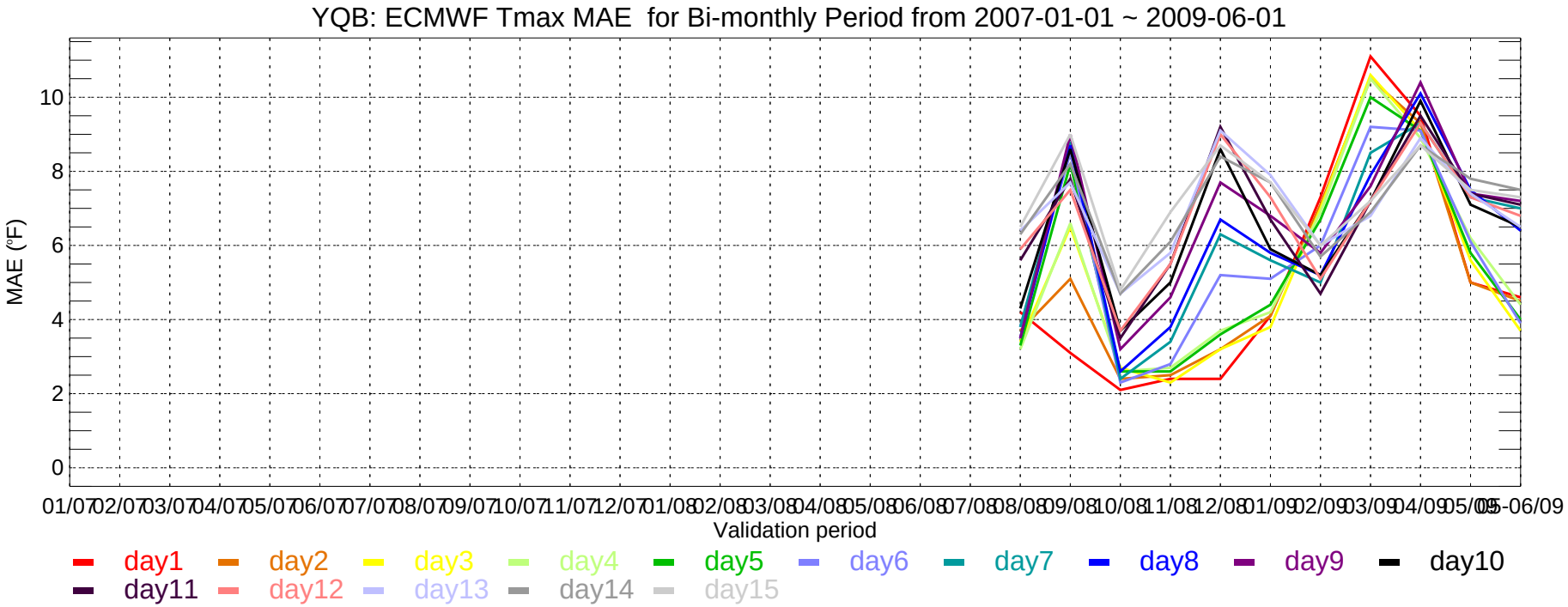

YKM: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

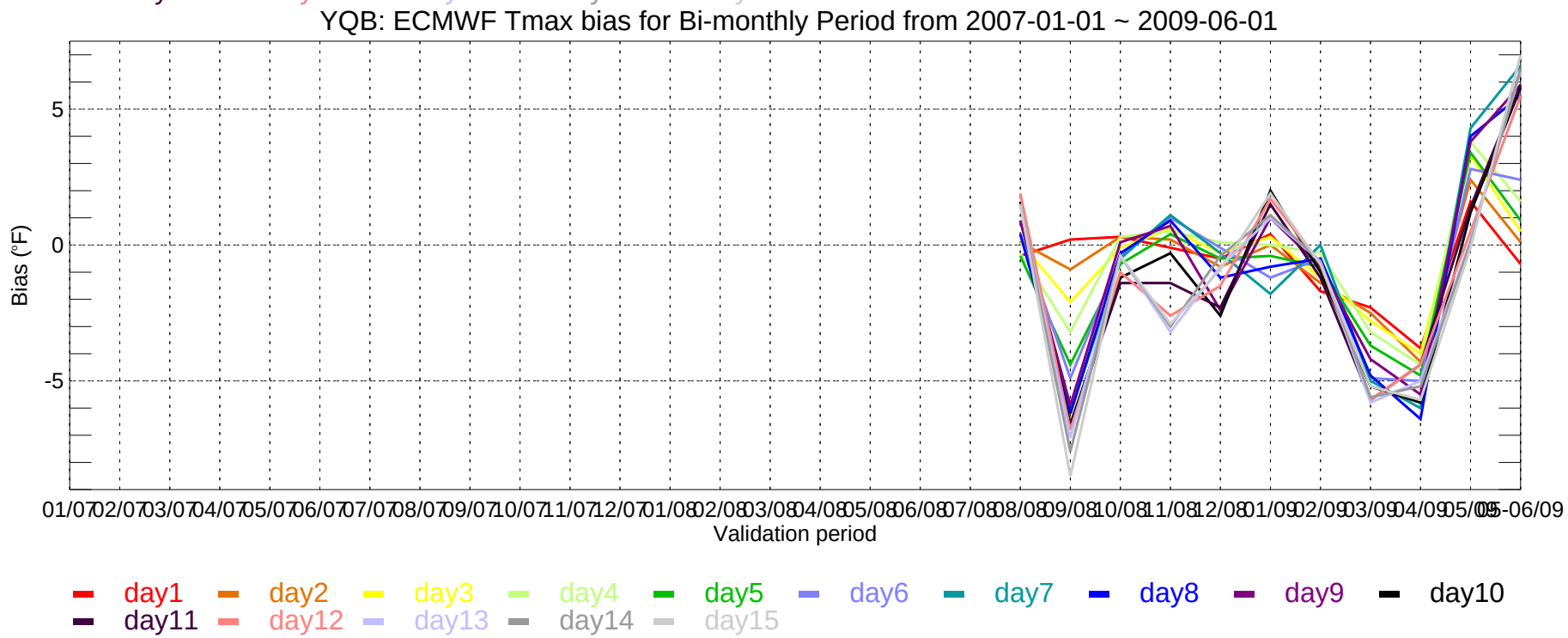

YNG: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

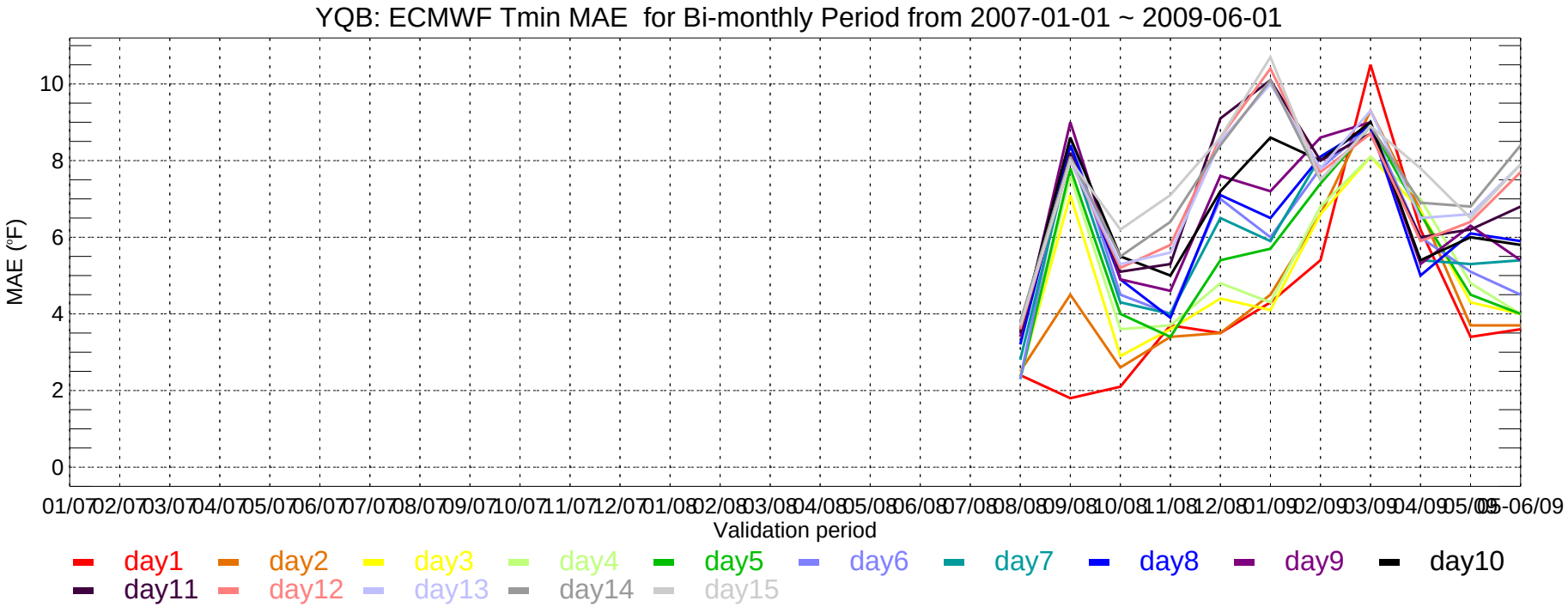

YNG: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
Validation period
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
day1 day2 day3 day4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

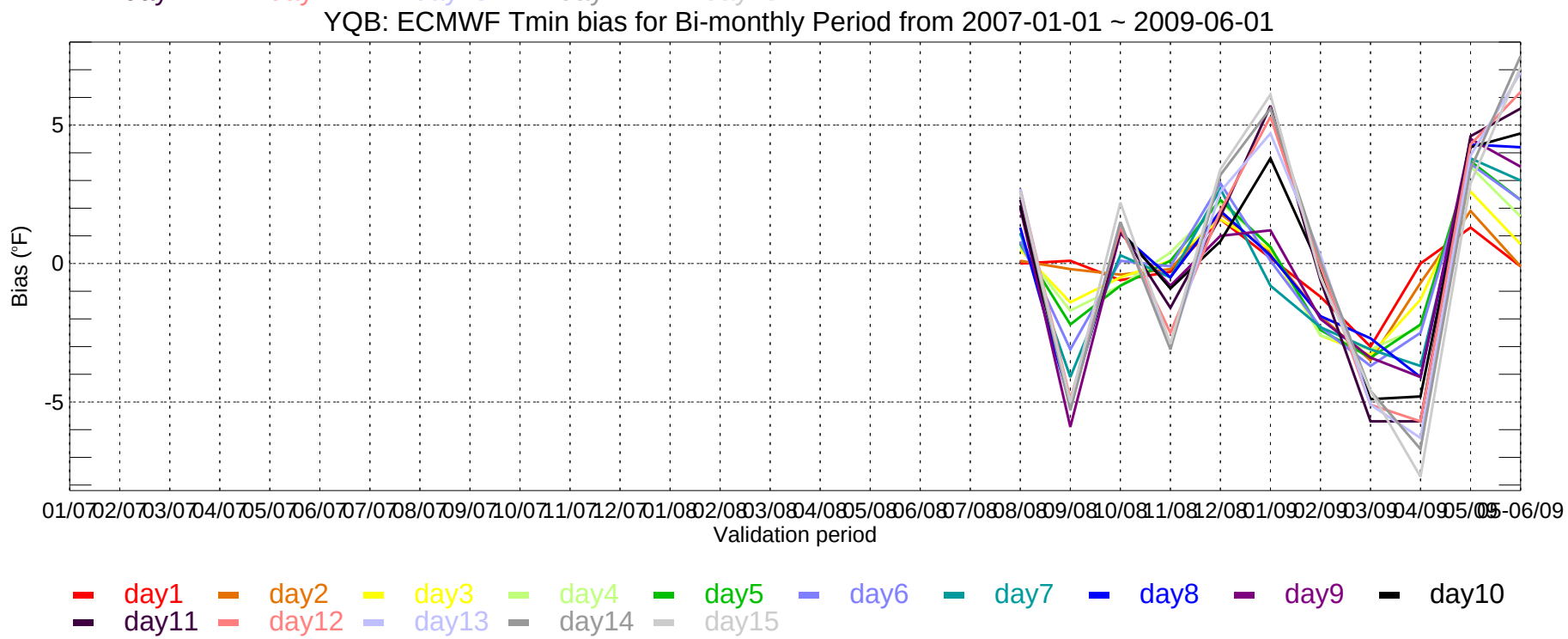

YNG: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

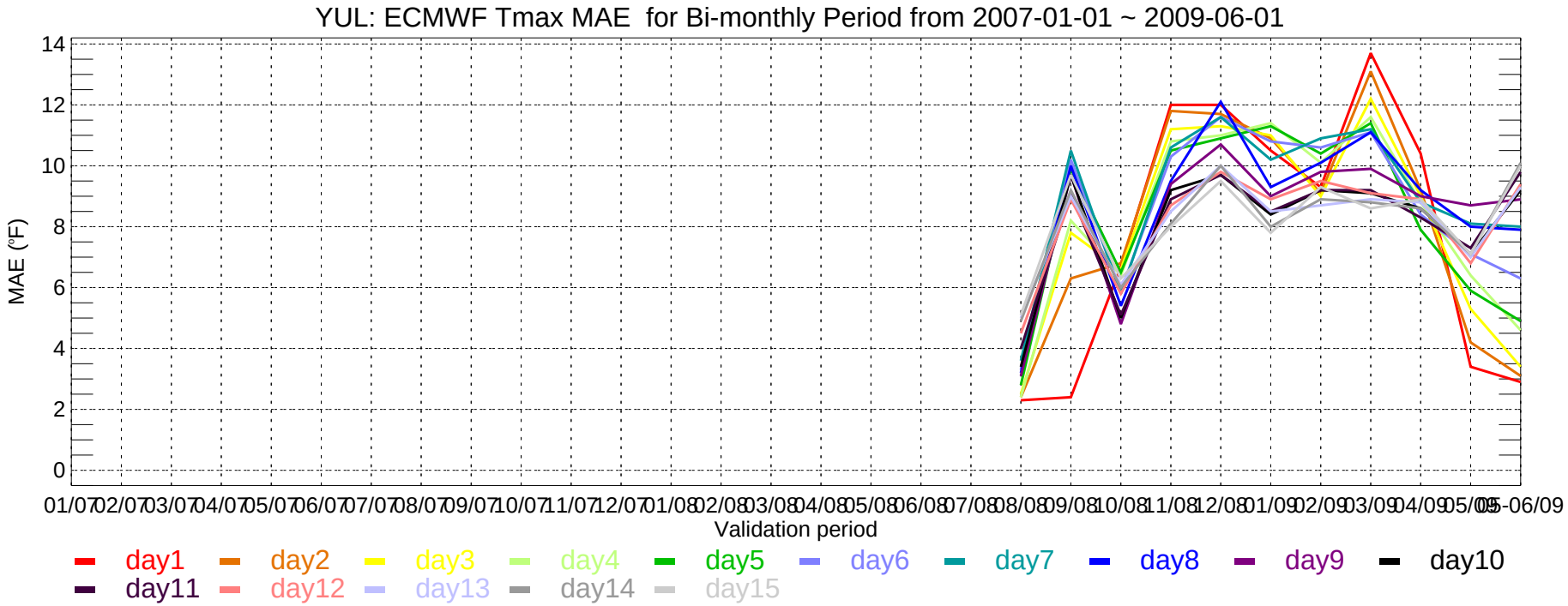

YNG: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-8
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period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

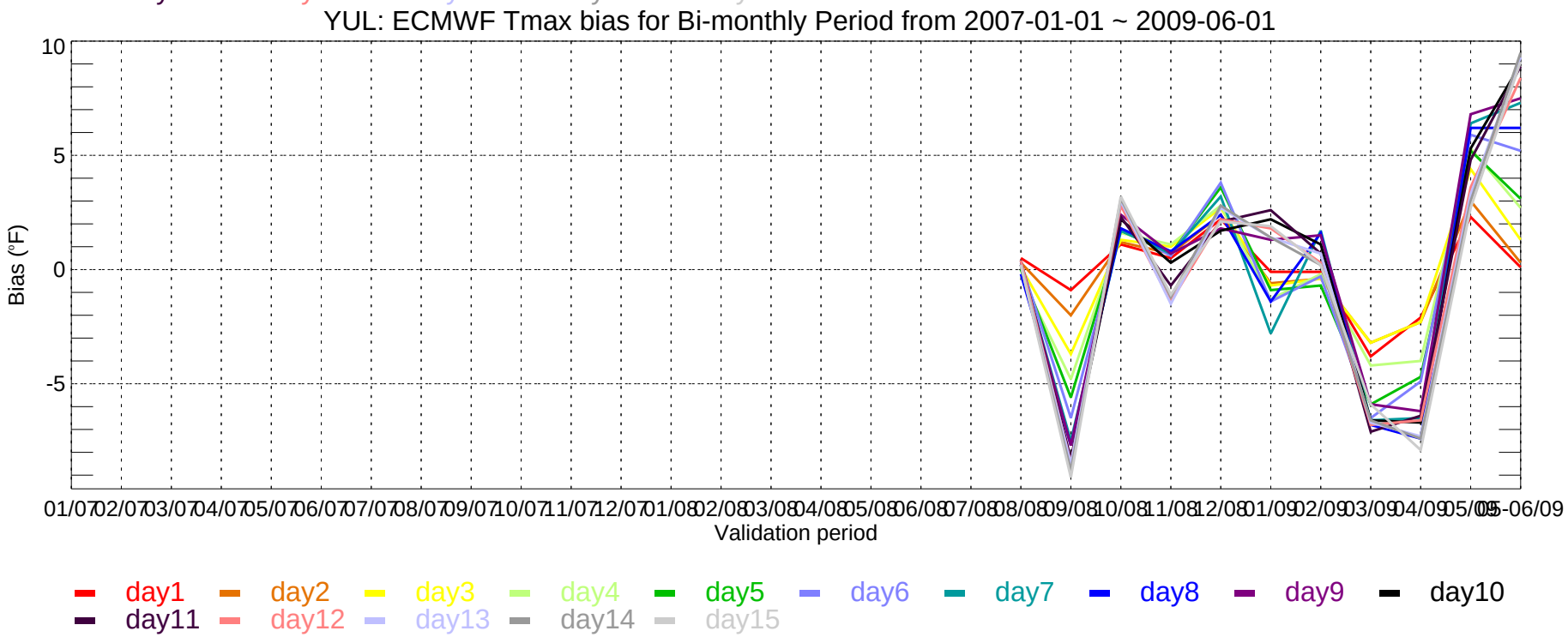

YQB: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

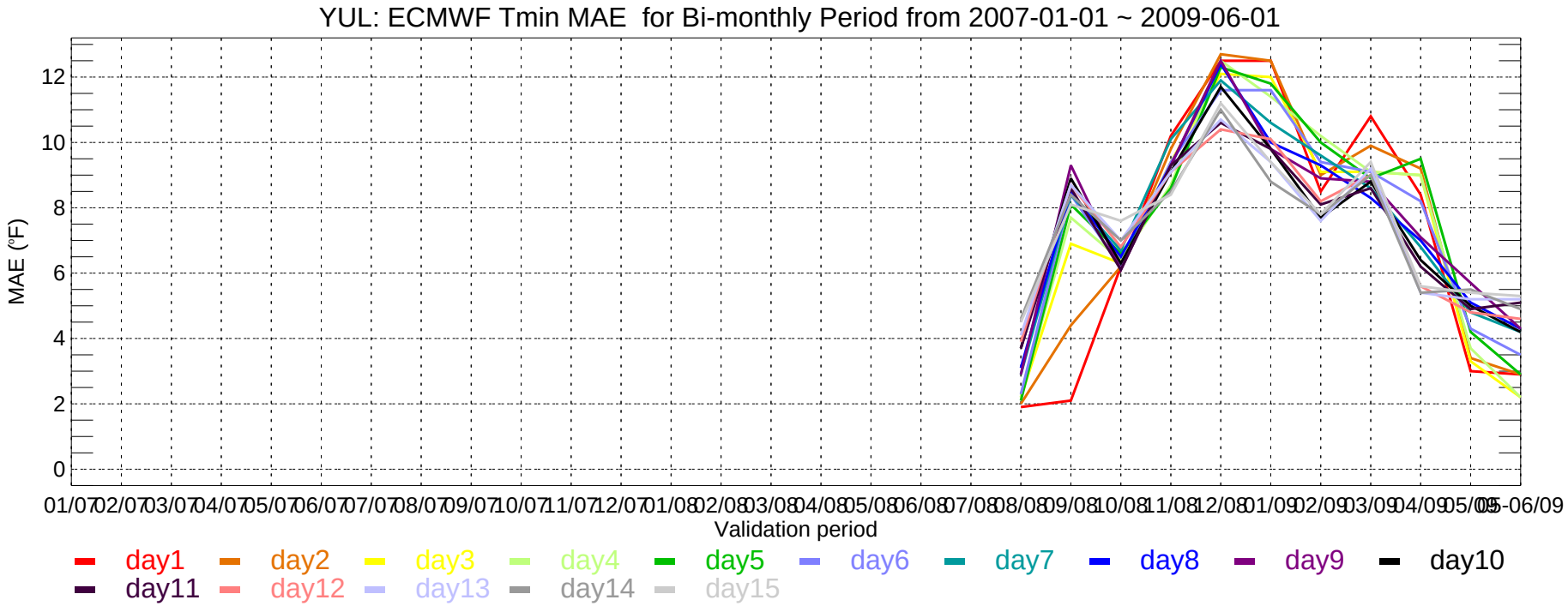

YQB: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

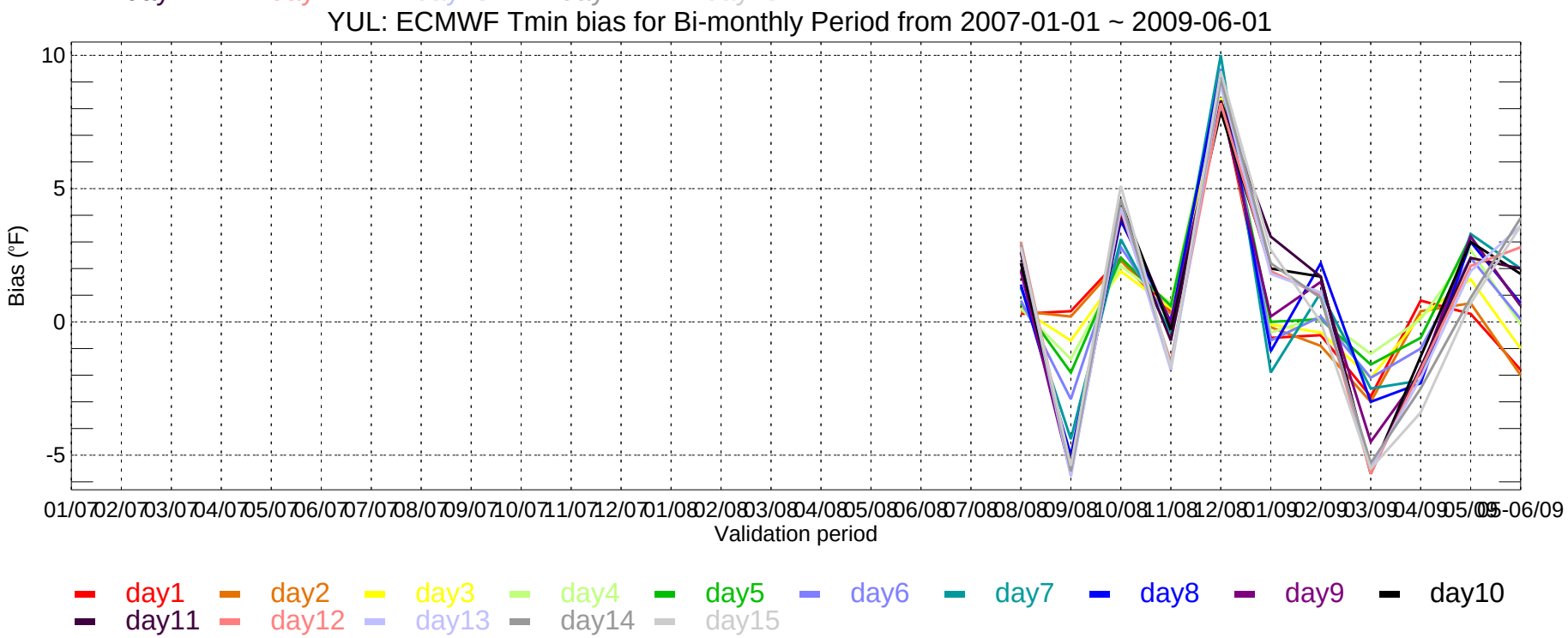

YQB: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

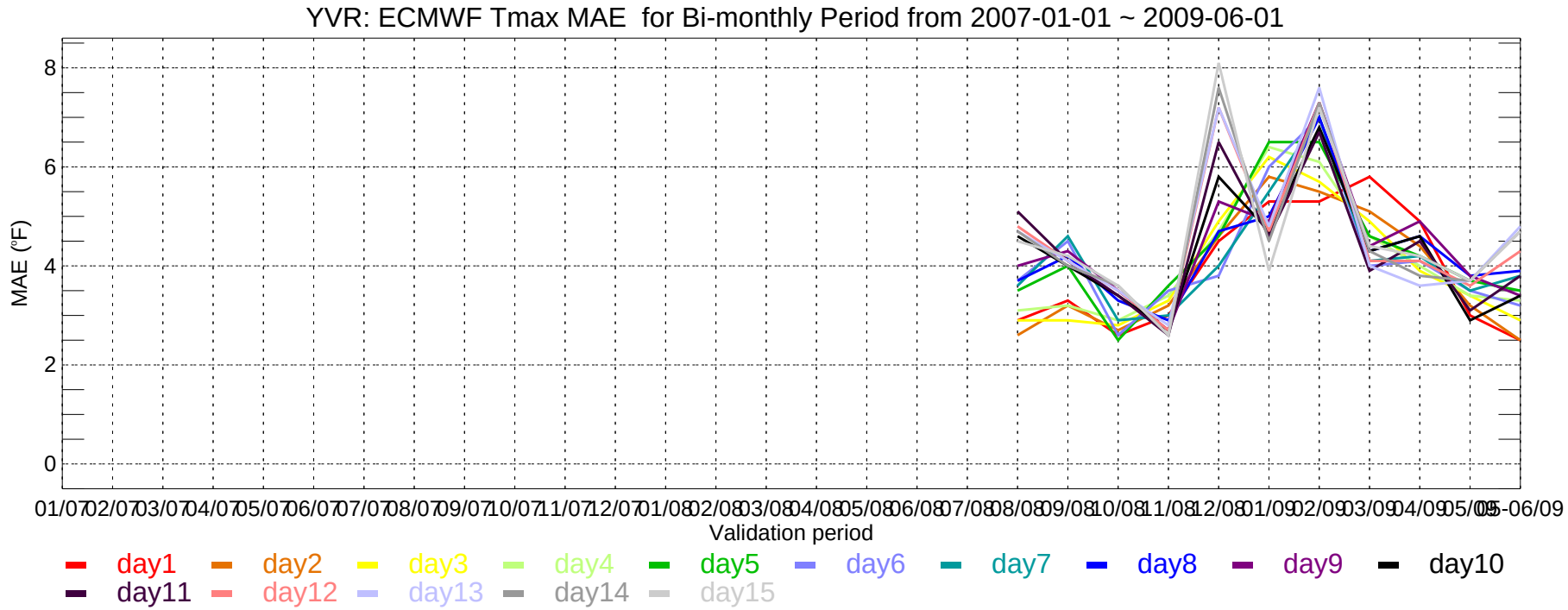

YQB: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2 day3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

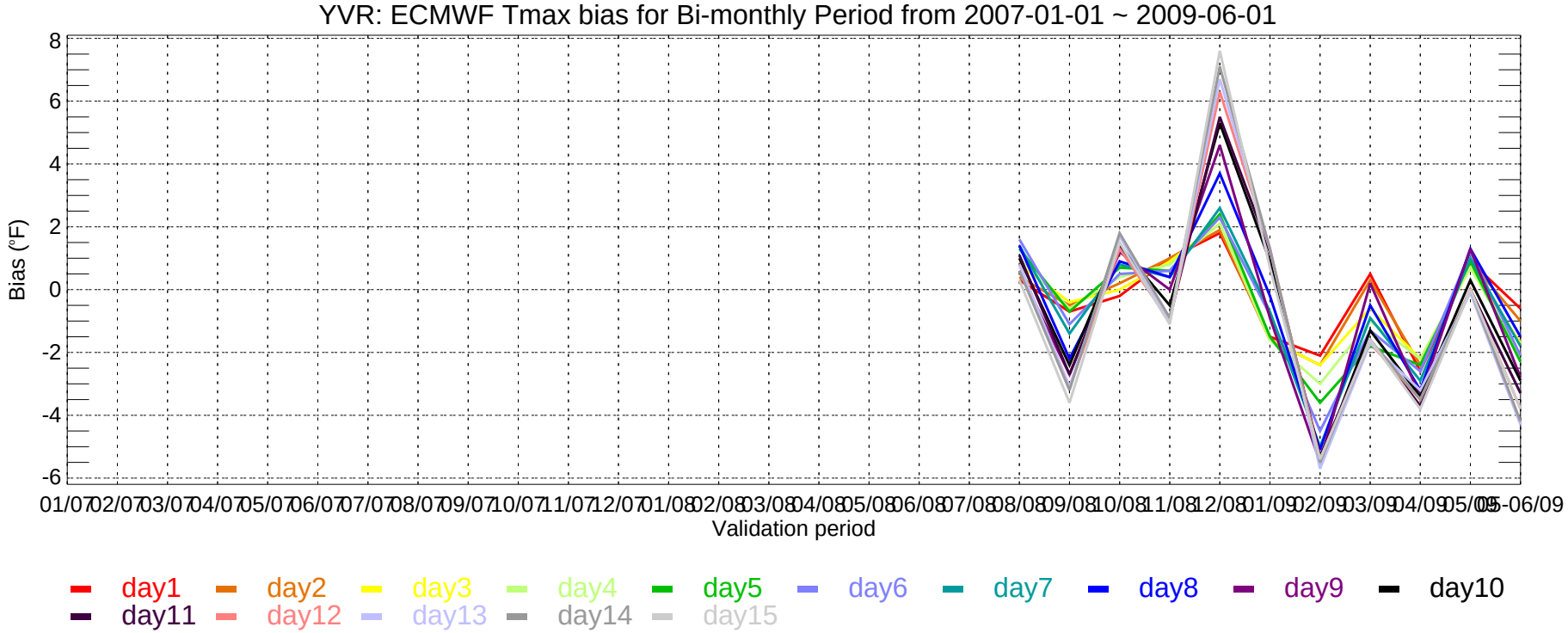

YUL: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

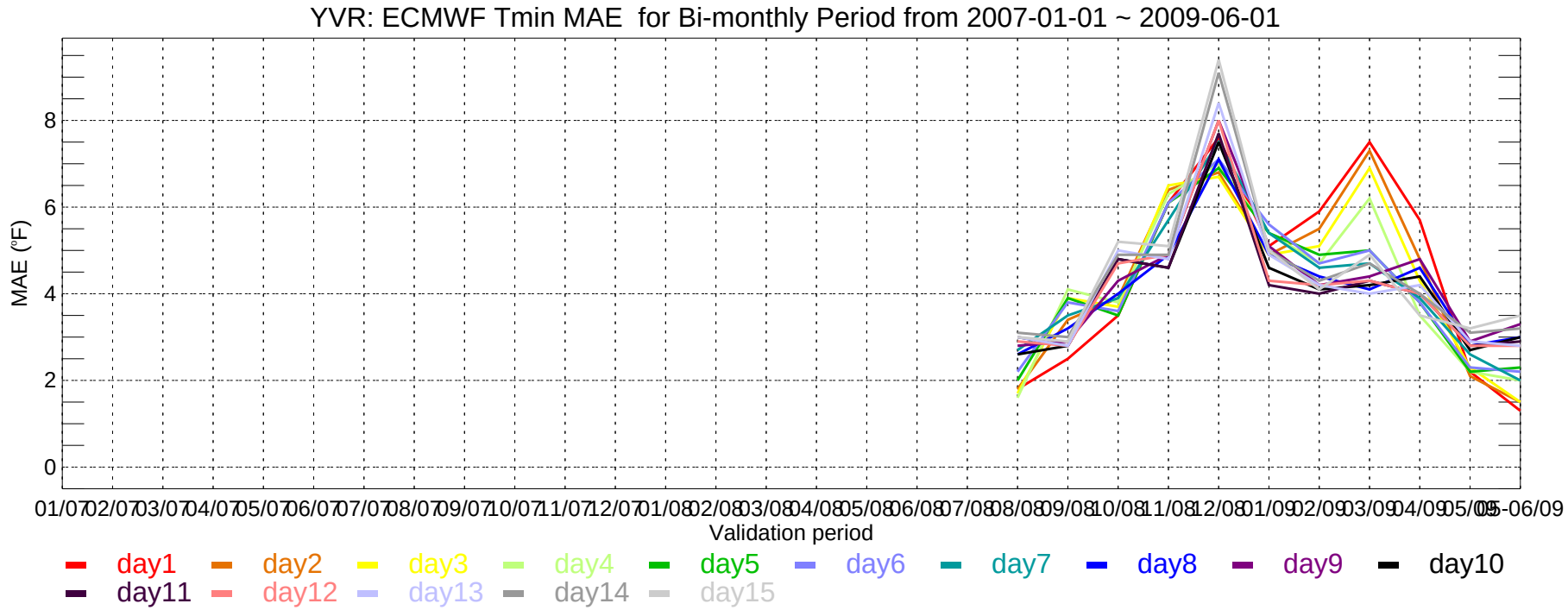

YUL: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

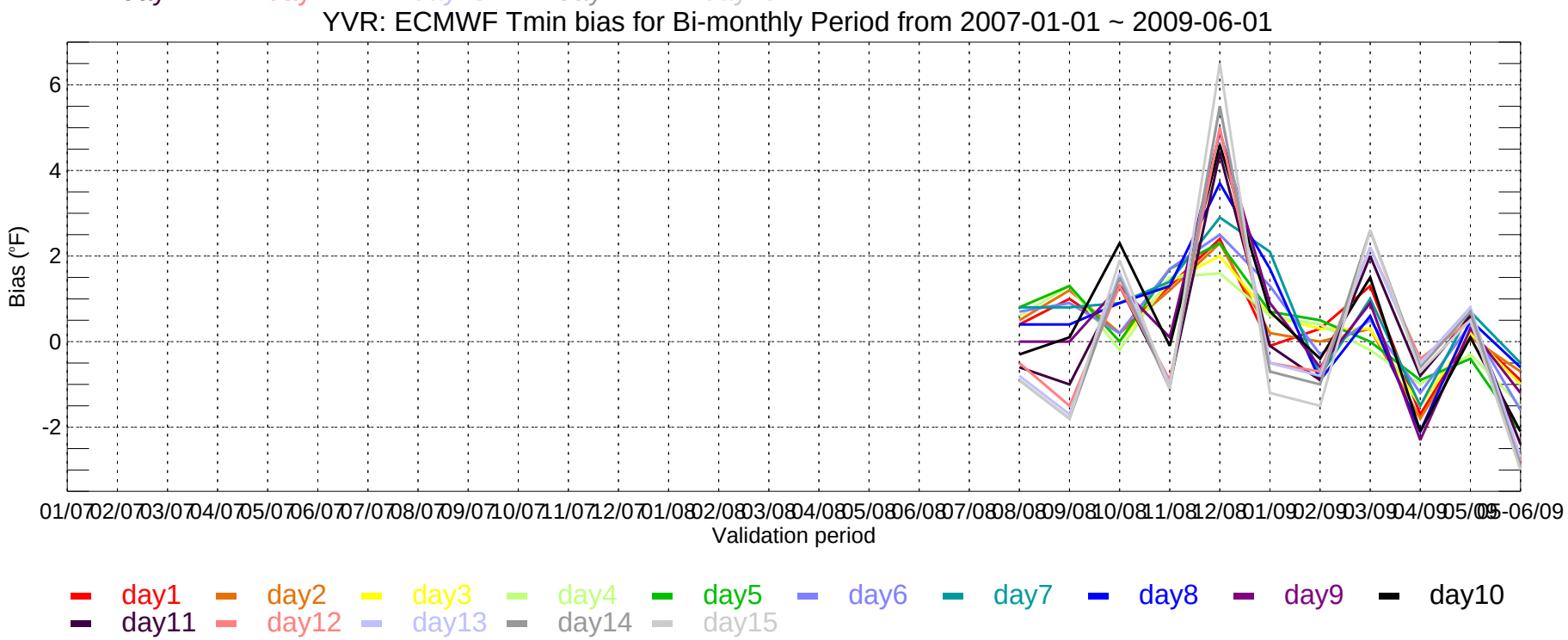

YUL: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

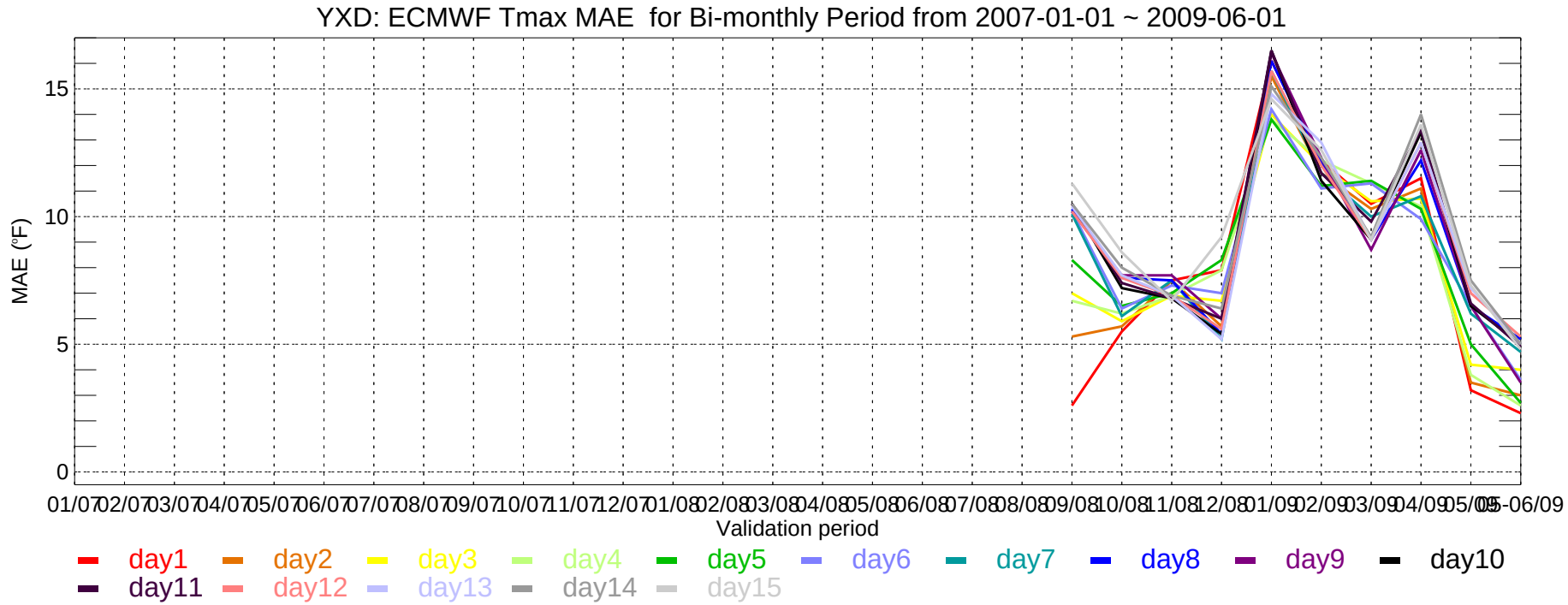

YUL: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

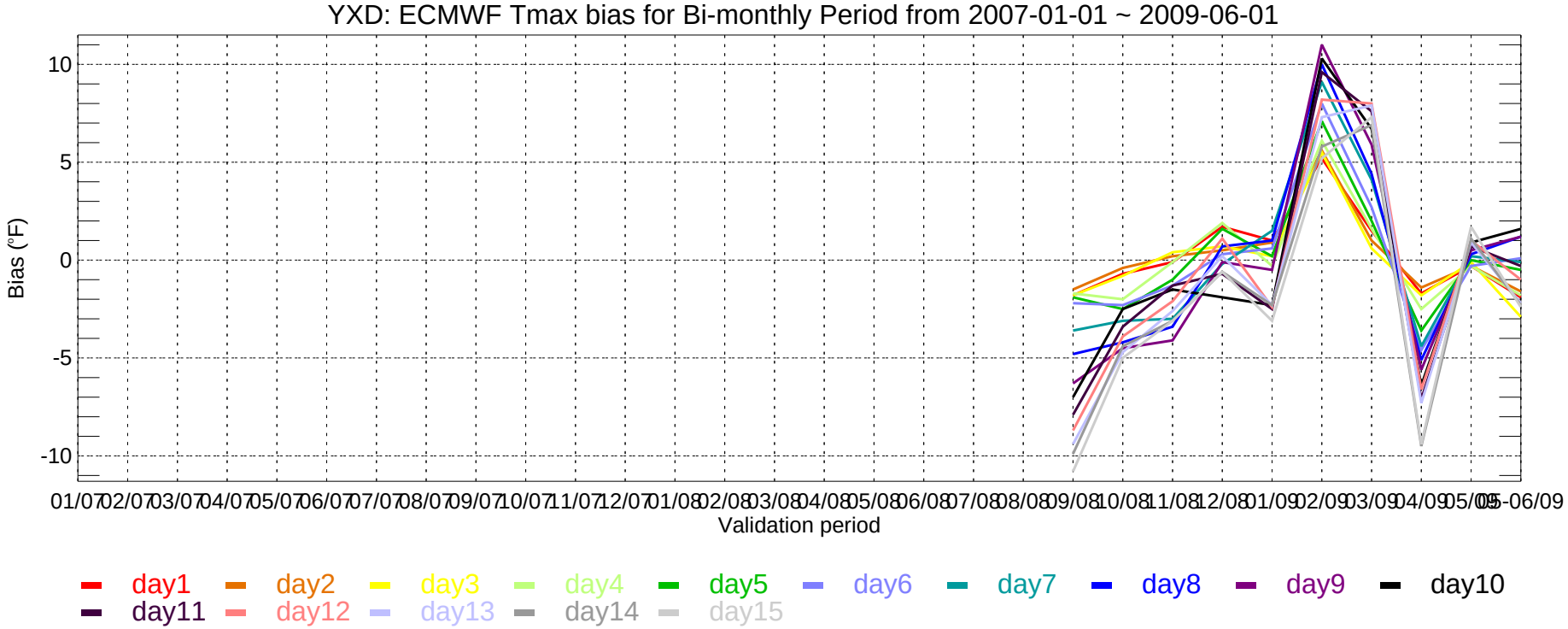

YVR: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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

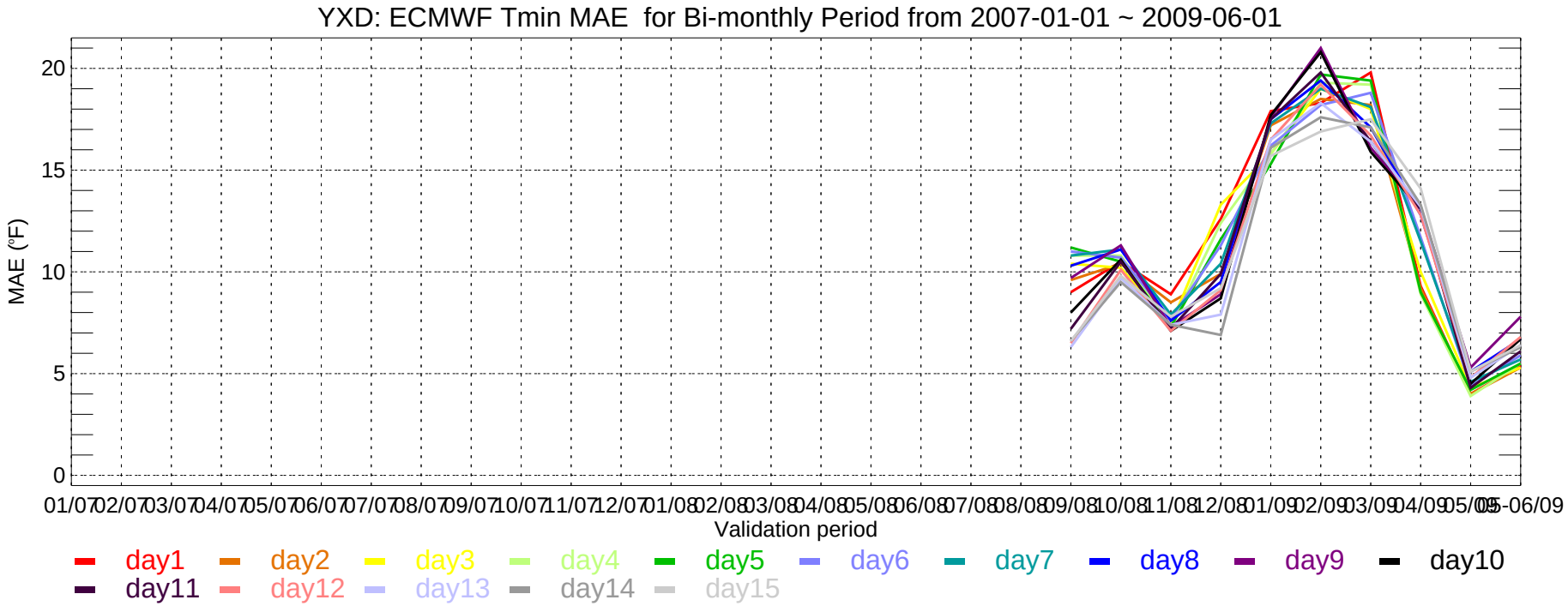

YVR: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

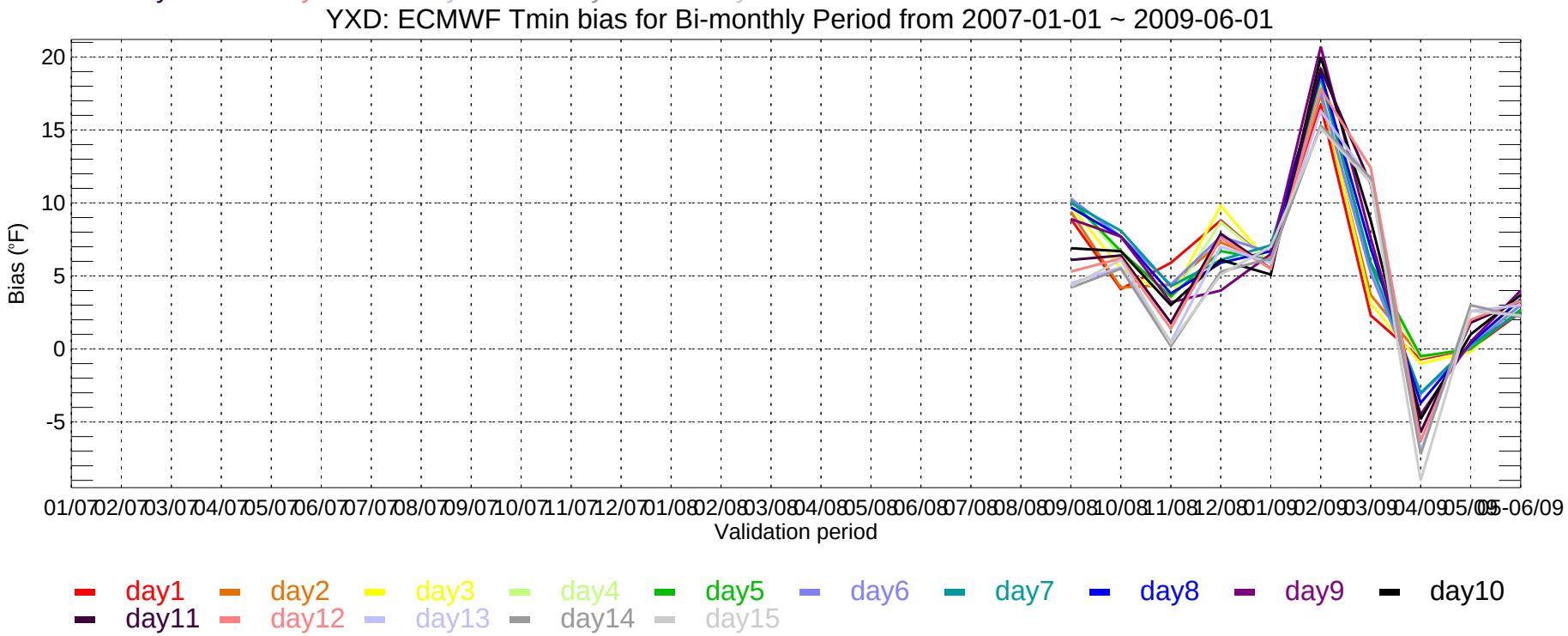

YVR: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

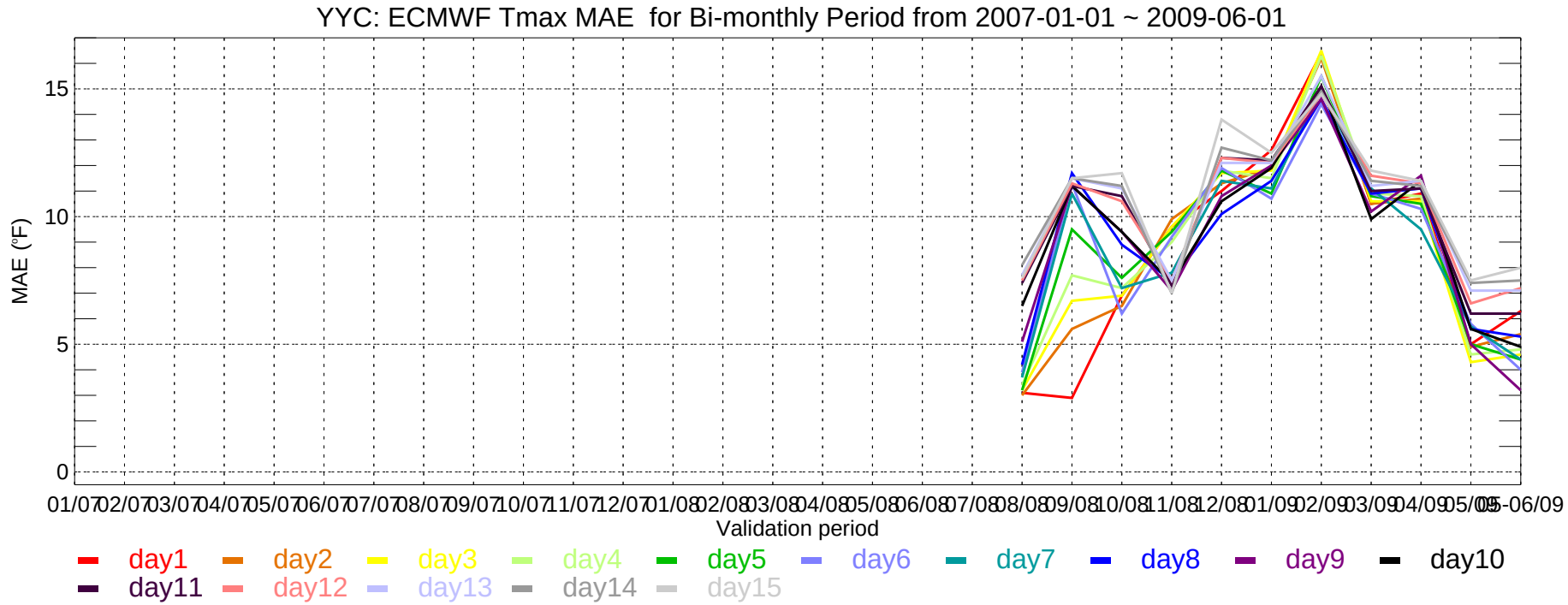

YVR: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

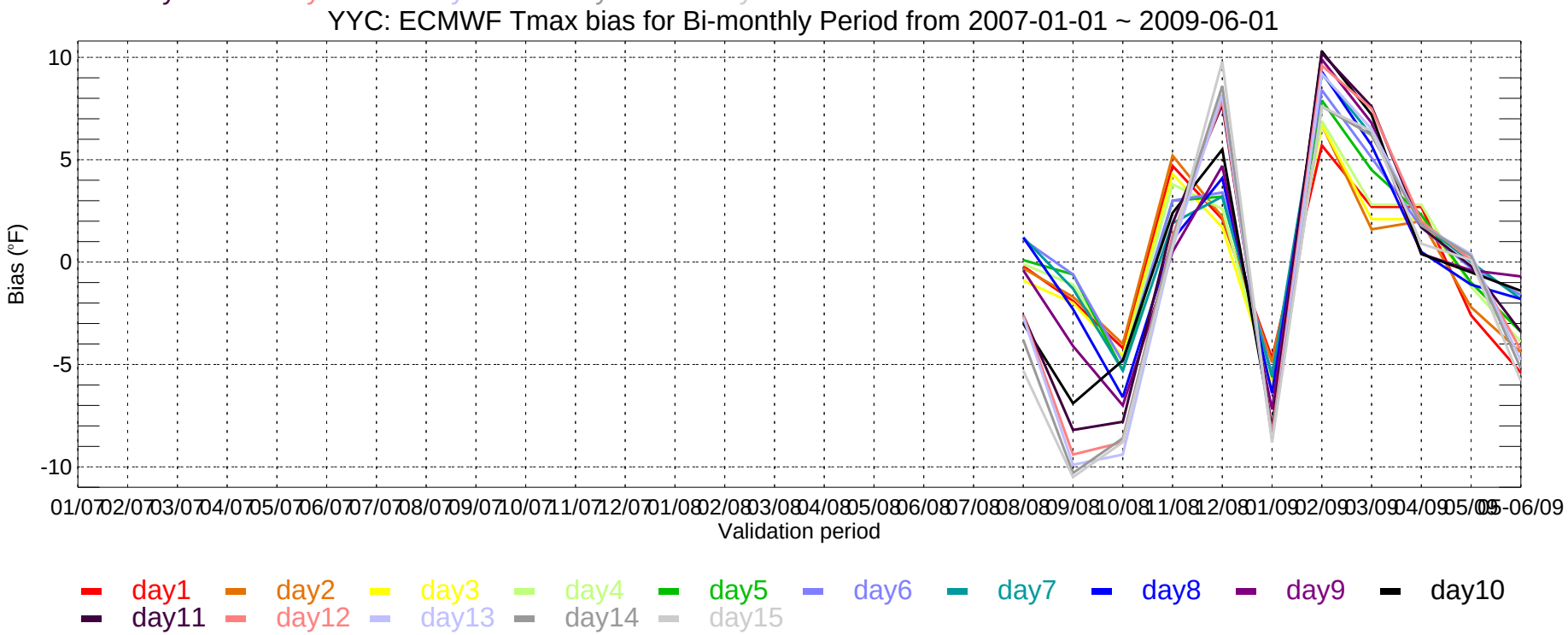

YXD: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

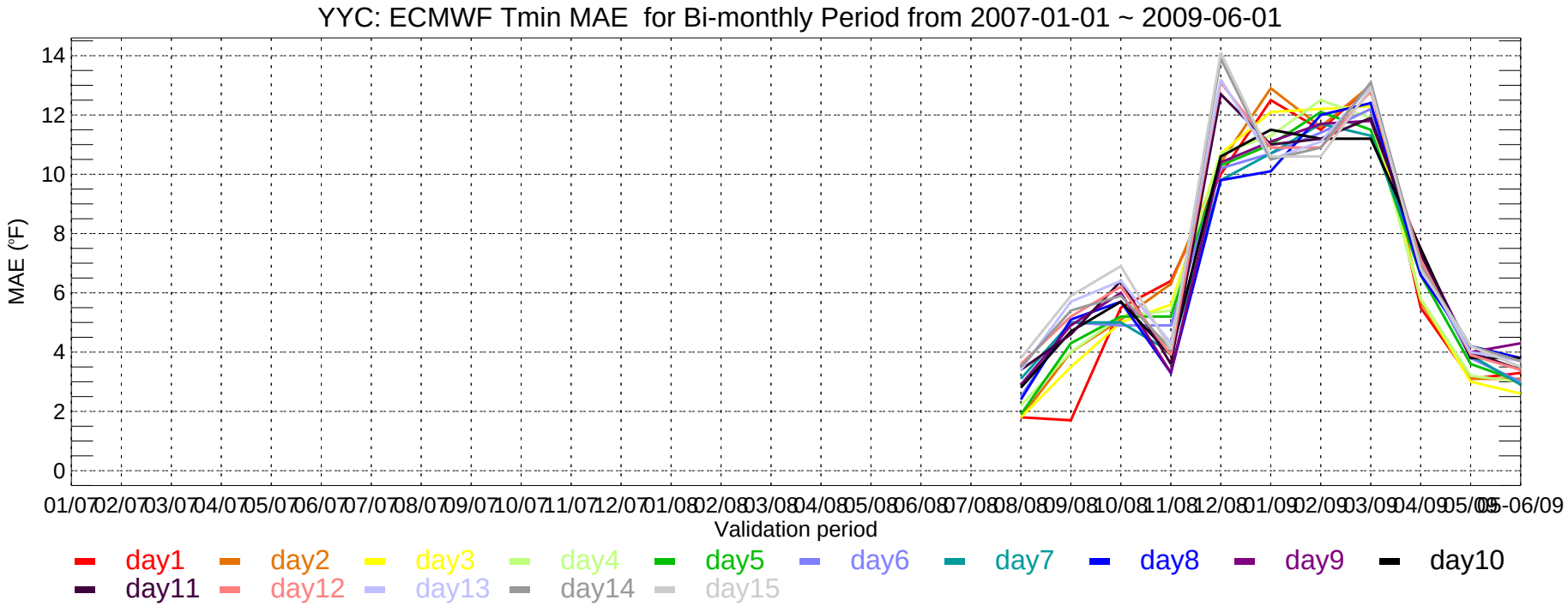

YXD: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

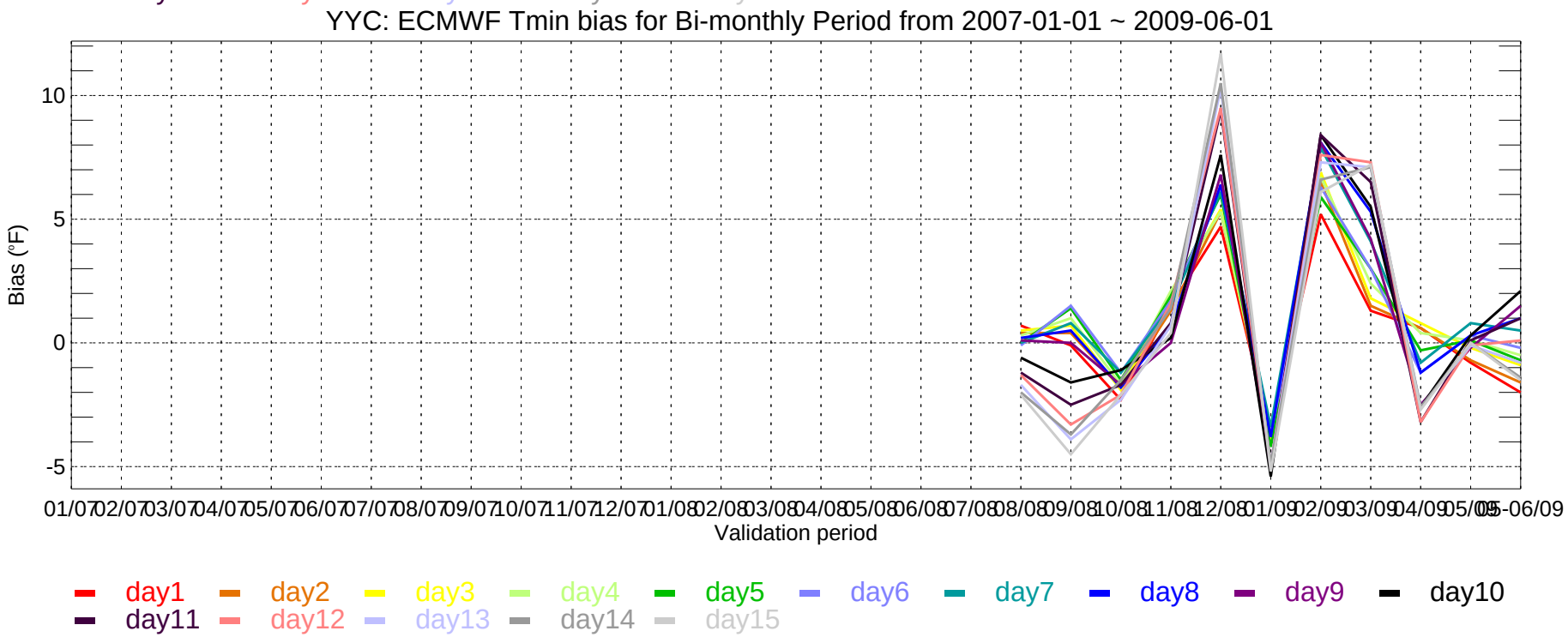

YXD: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2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

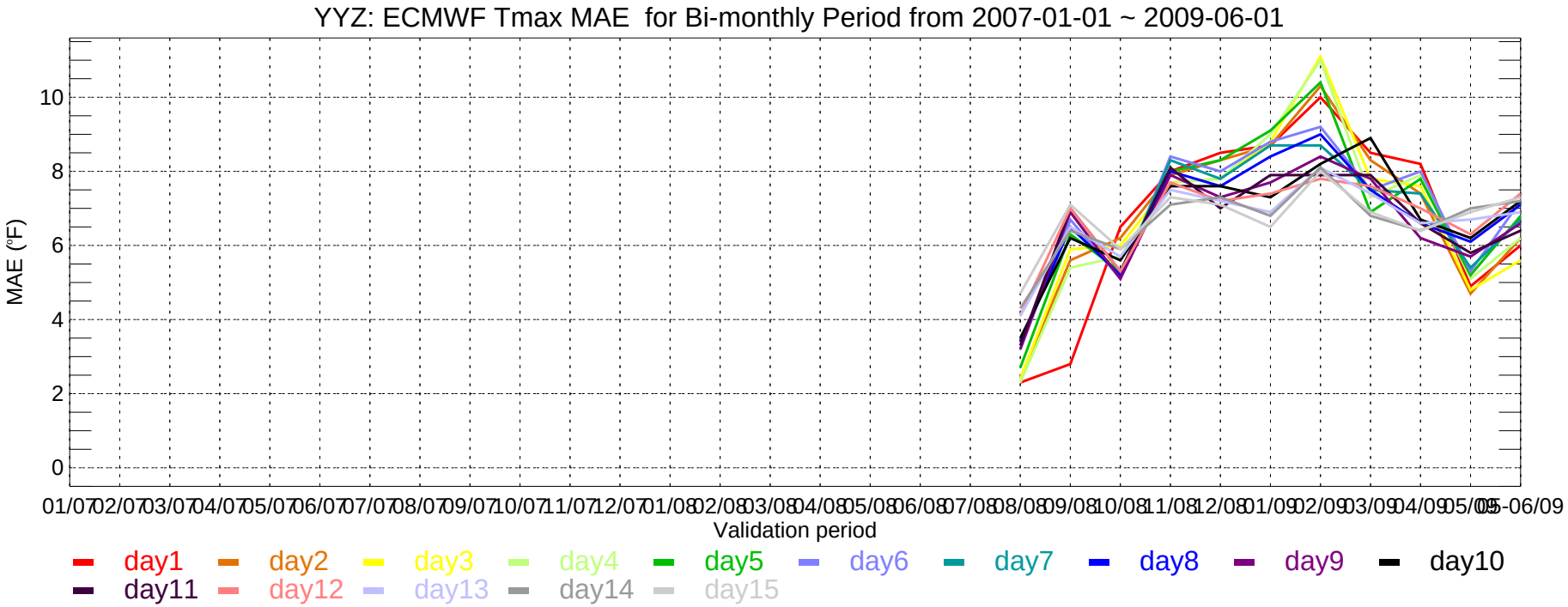

YXD: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

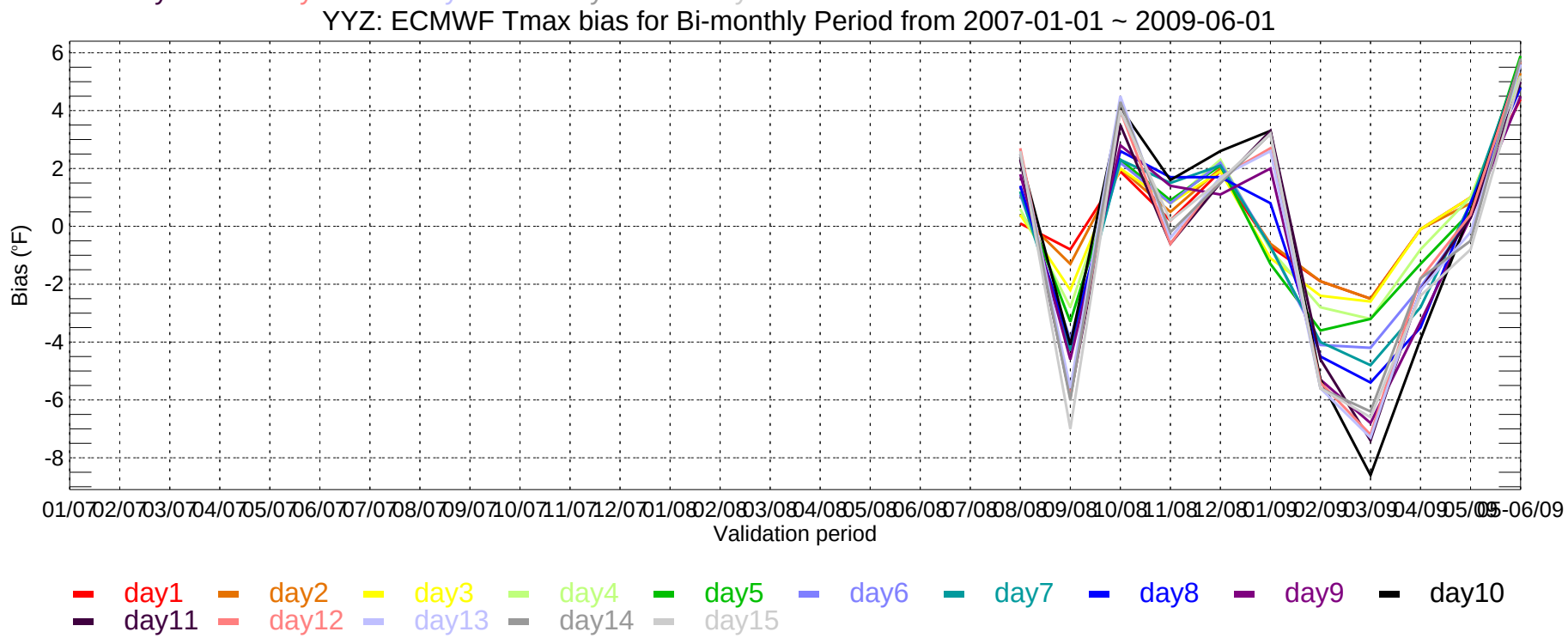

YYC: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1 day2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

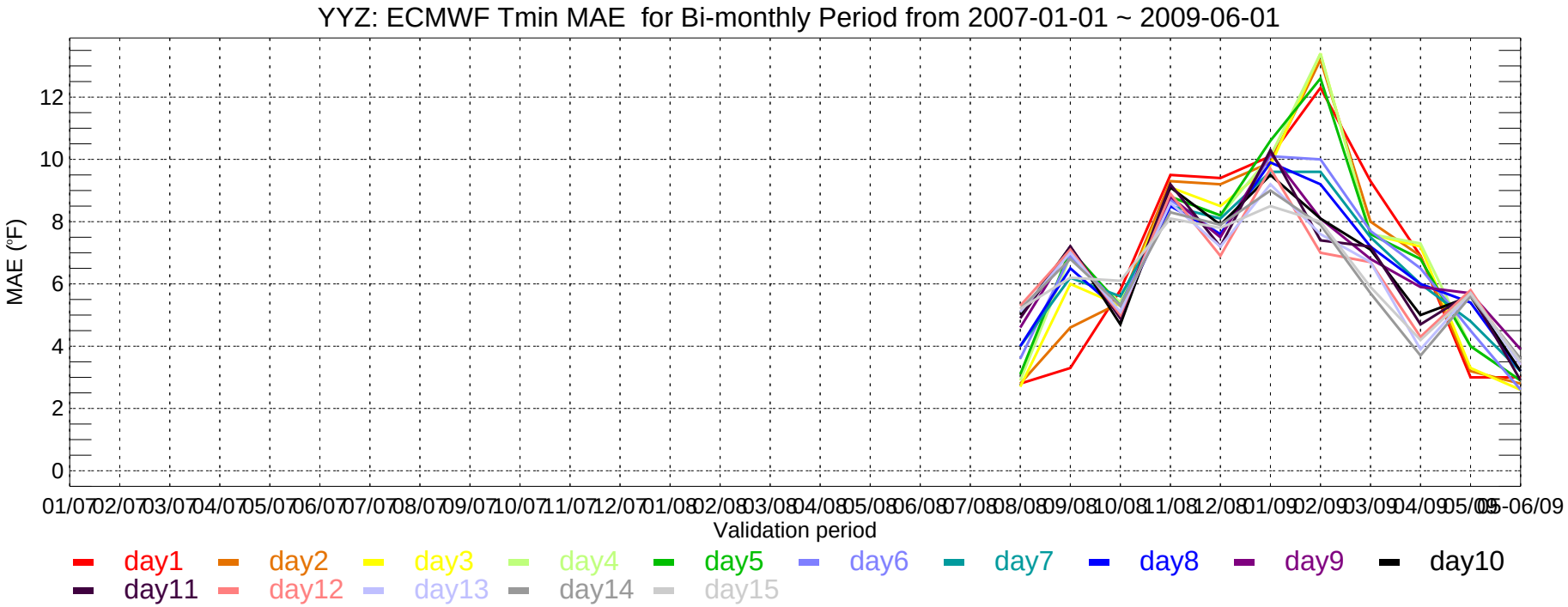

YYC: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 05-06/09
Validation period
day1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

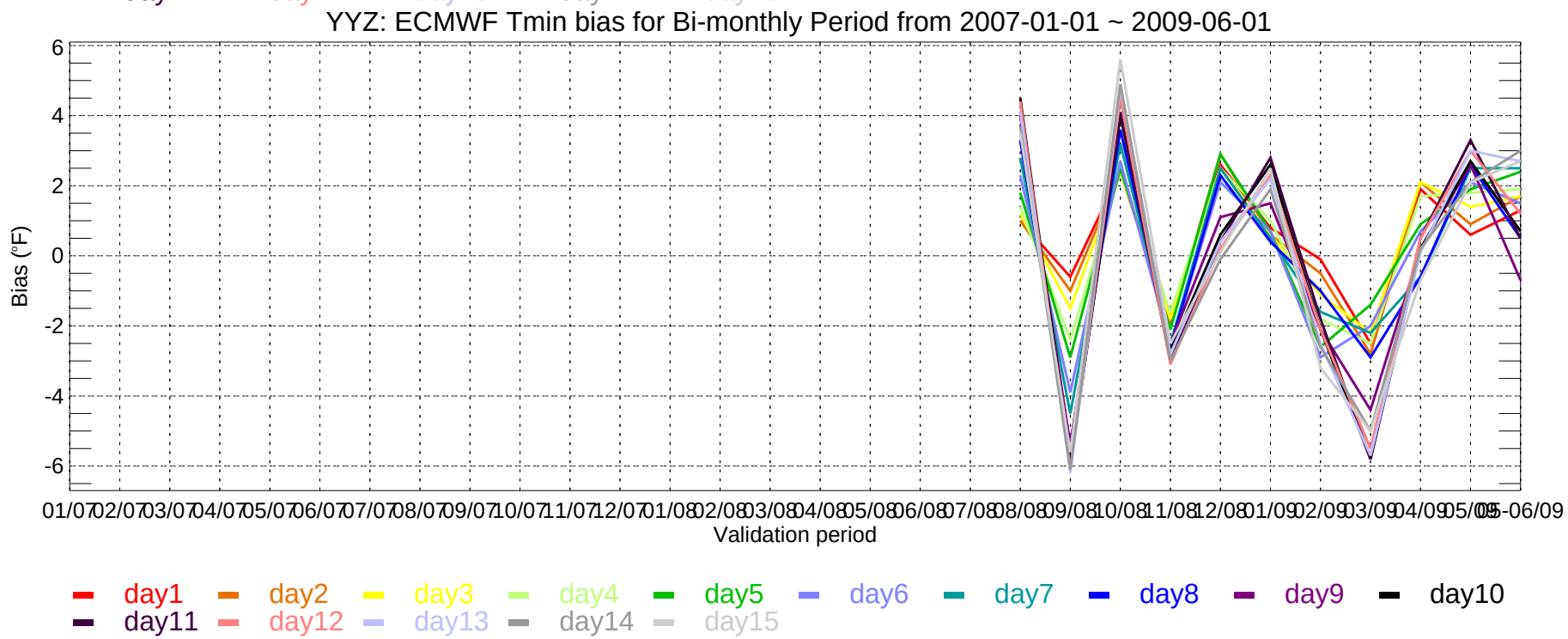

YYC: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1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

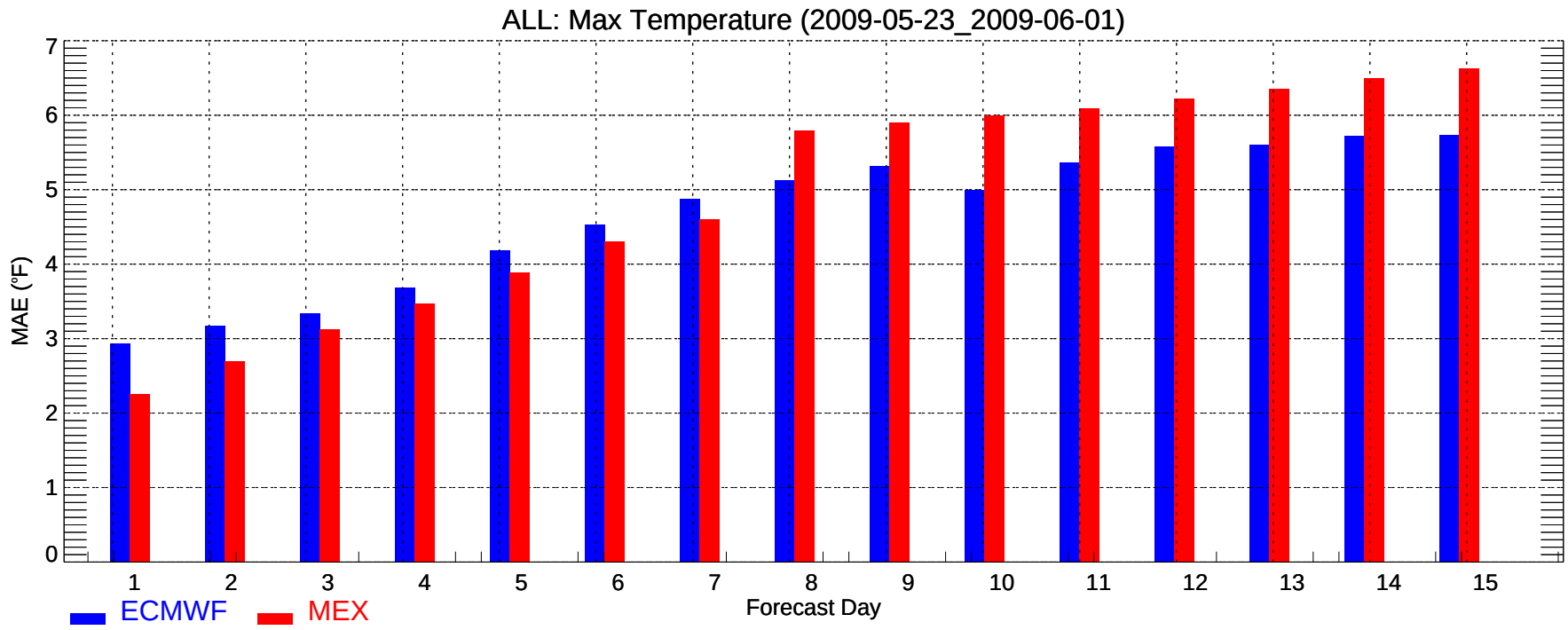

YYC: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09 06/09
Validation period
day1 day2 day3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


YYZ: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


YYZ: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 05-06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


YYZ: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


YYZ: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01
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 06/09
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ALL: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
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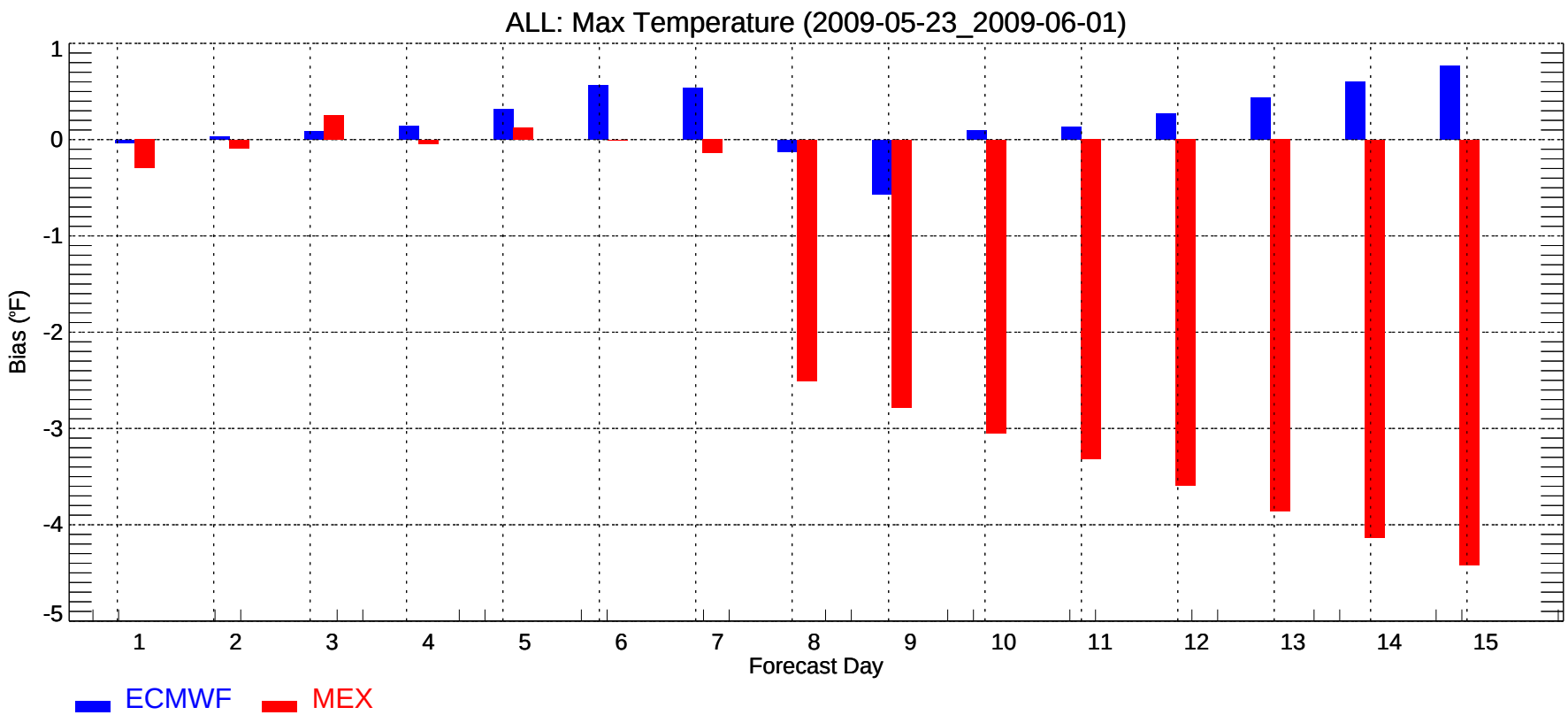
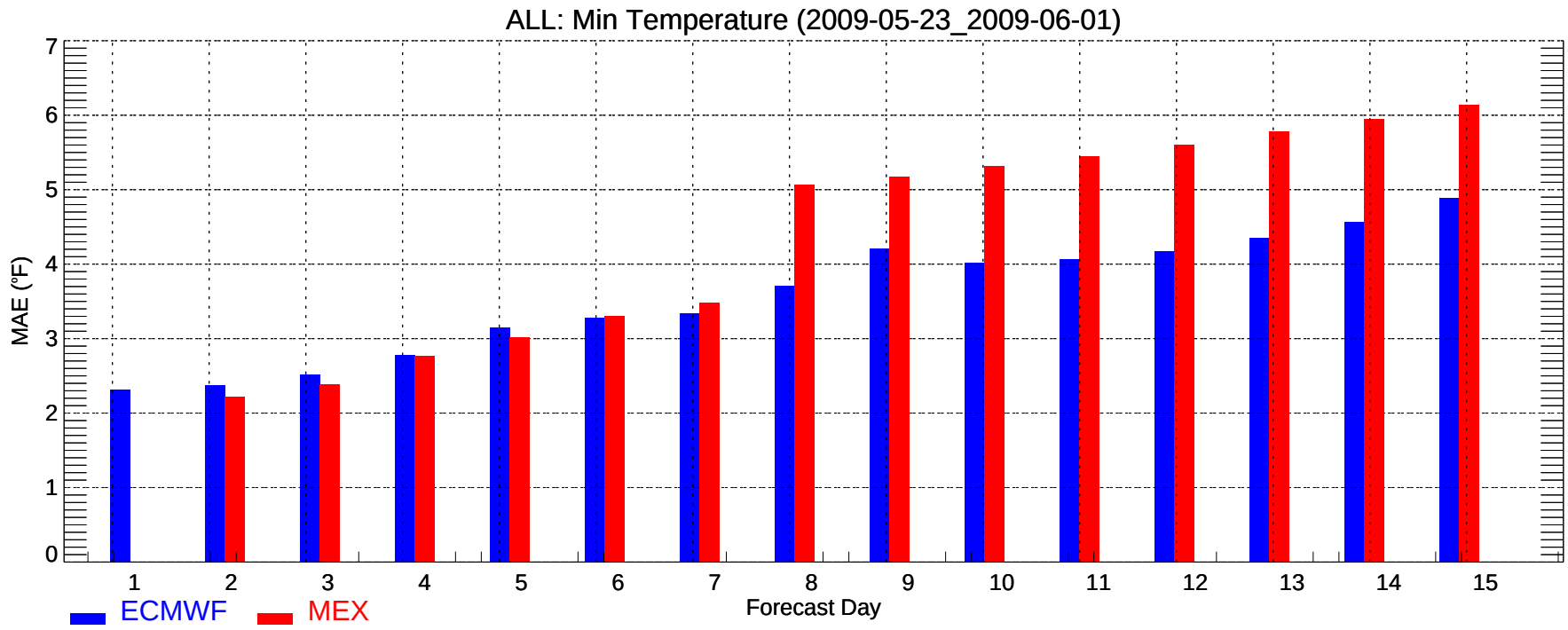
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ALL: Max Temperature (2009-05-23_2009-06-01)
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


ALL: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
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8
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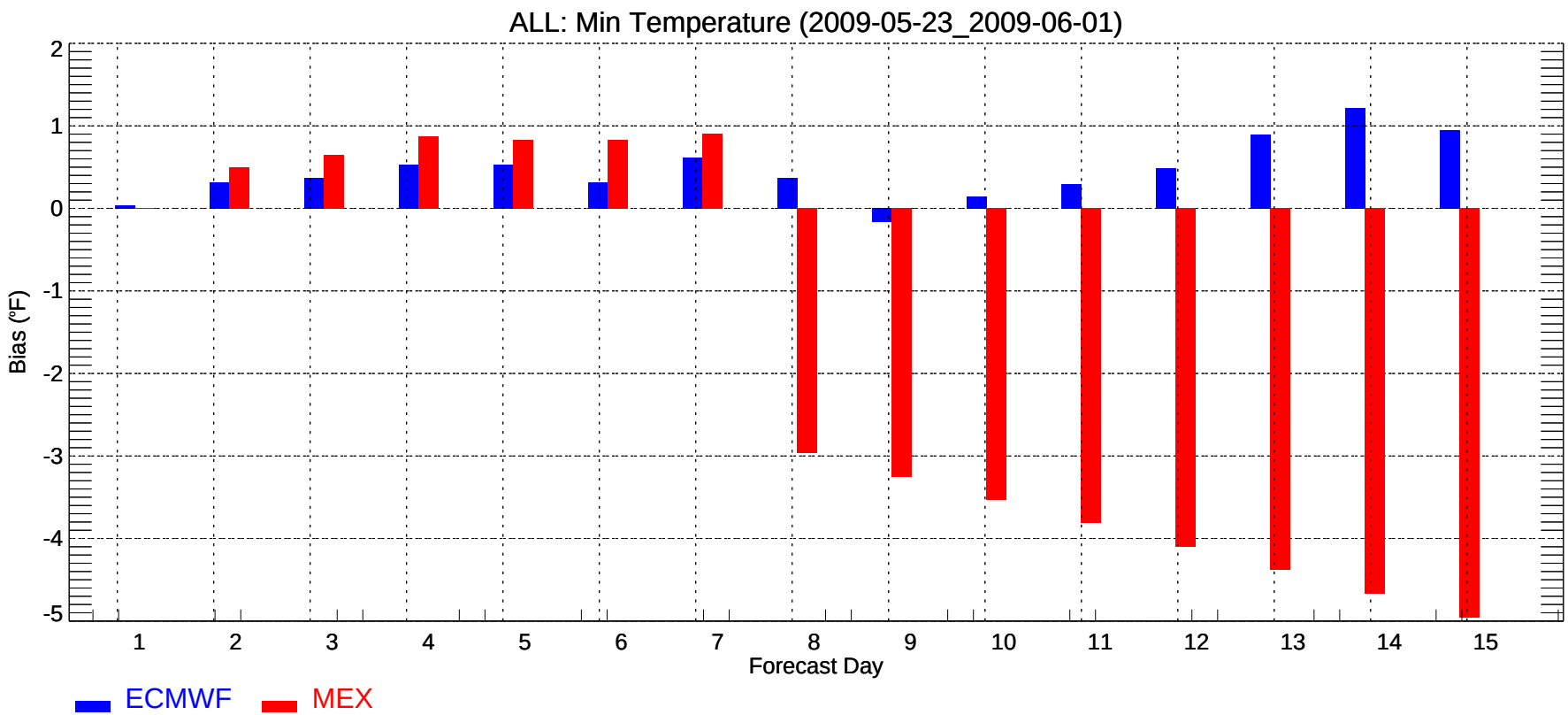
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ALL: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
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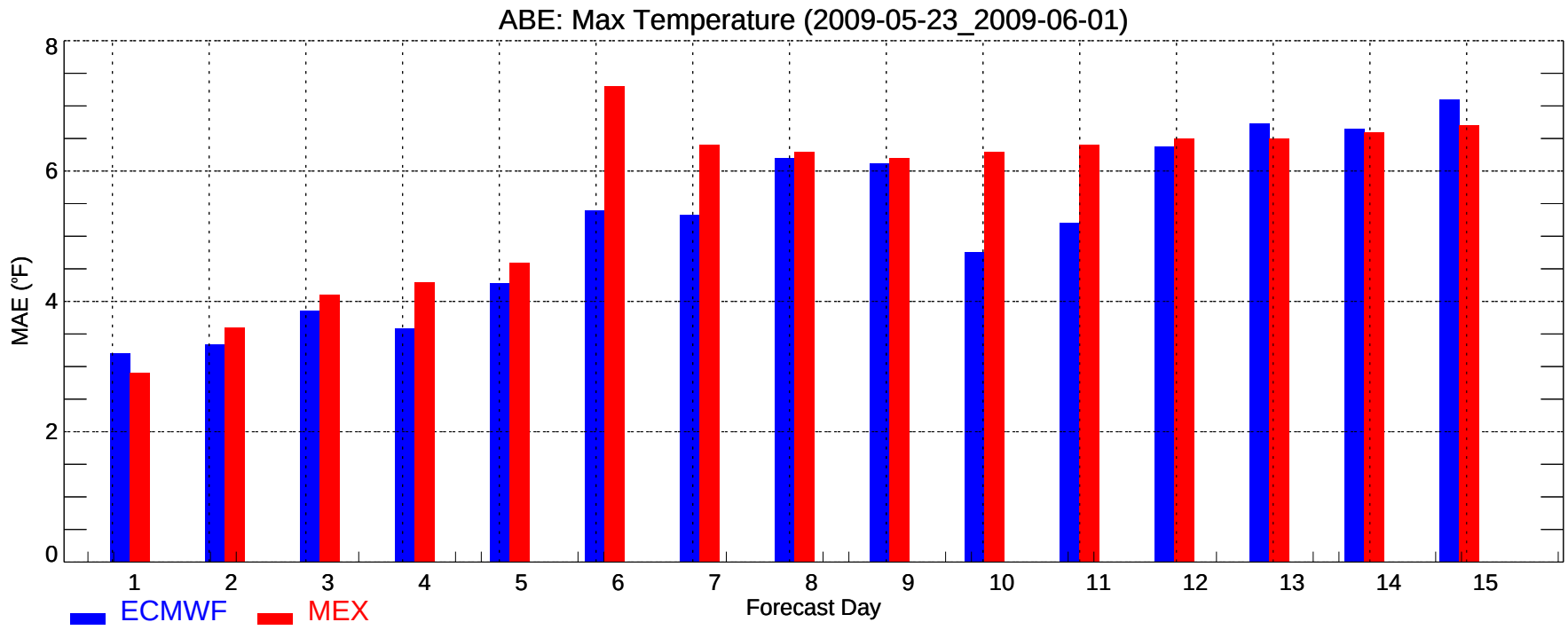
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABE: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
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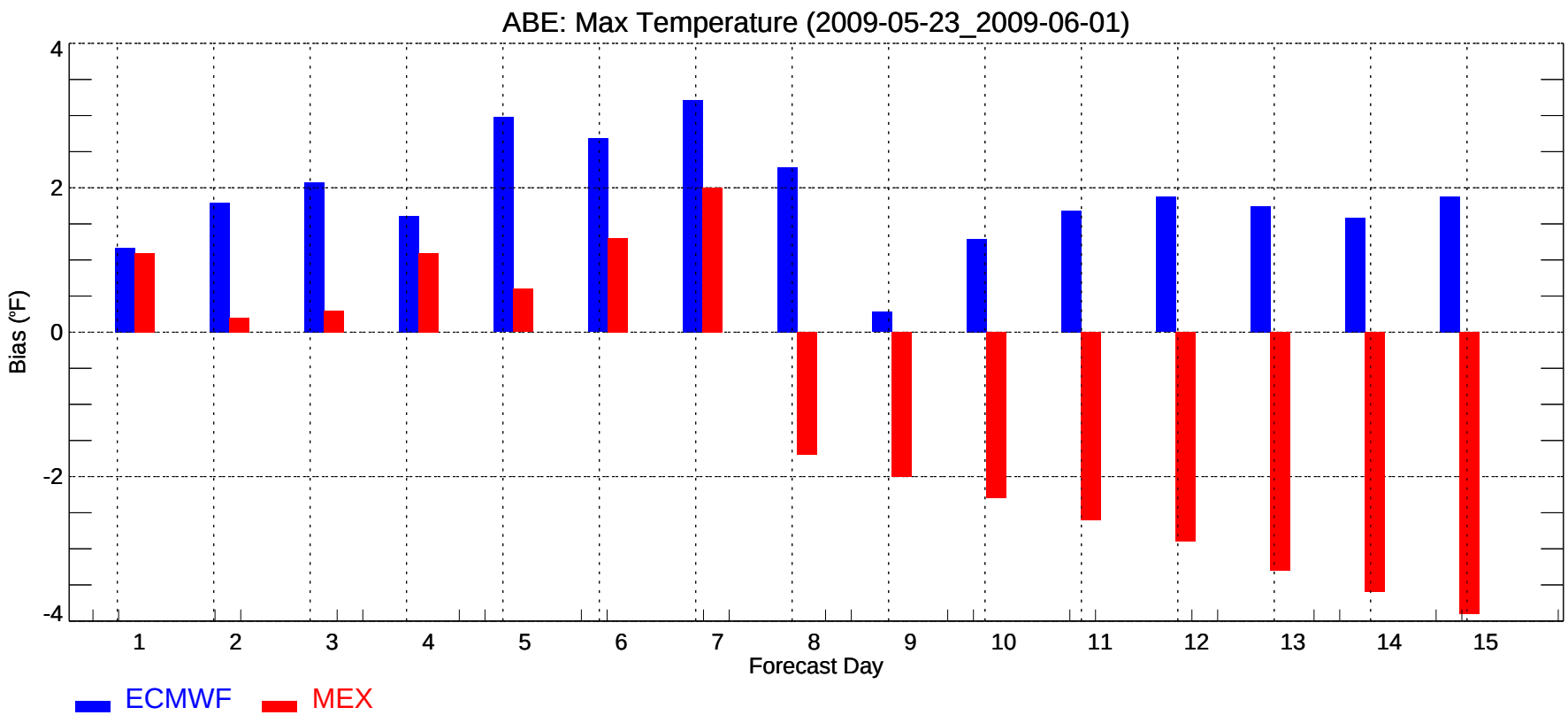
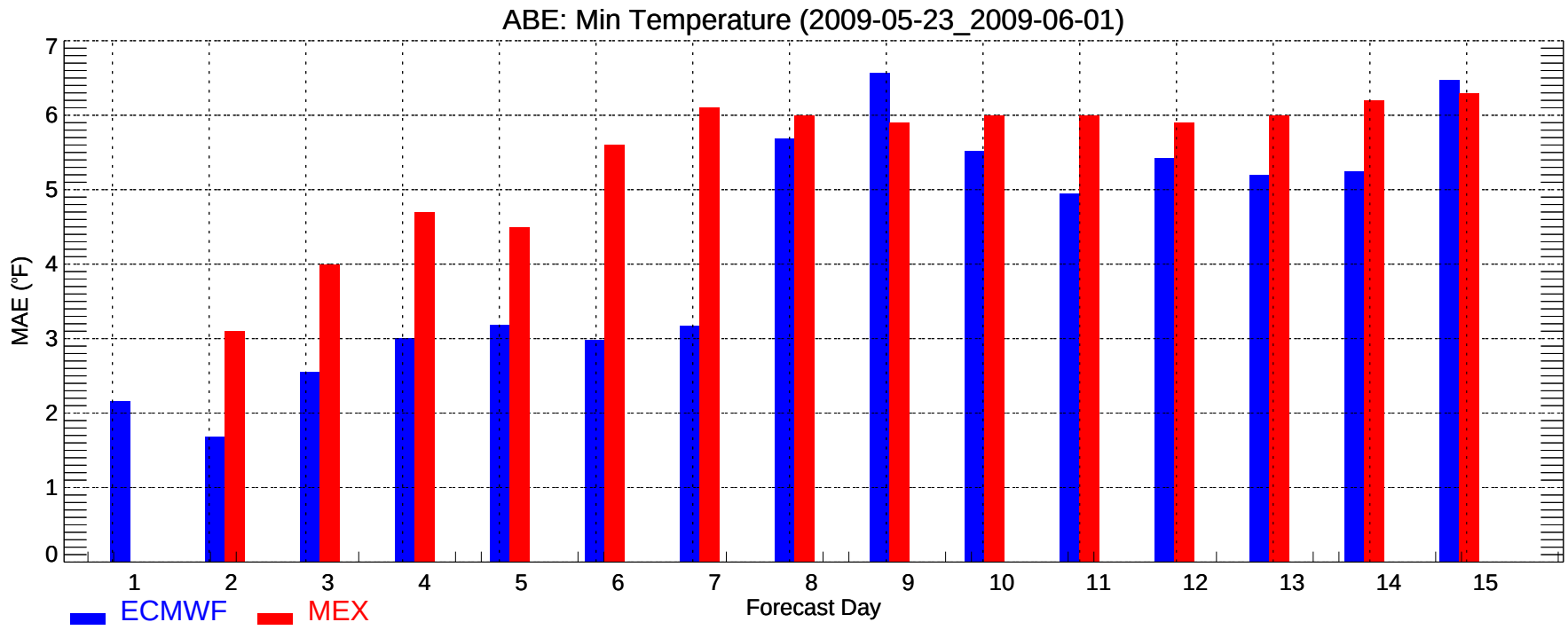
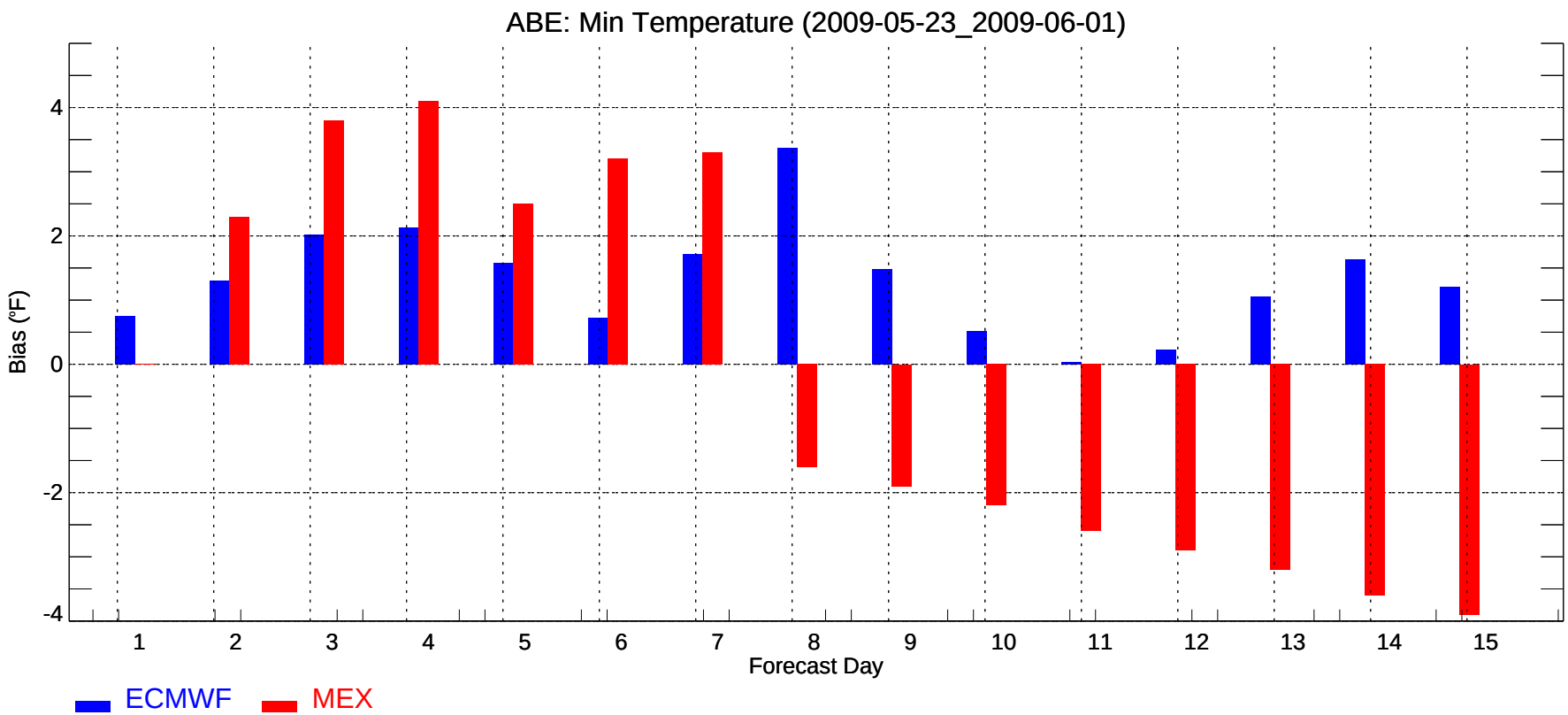
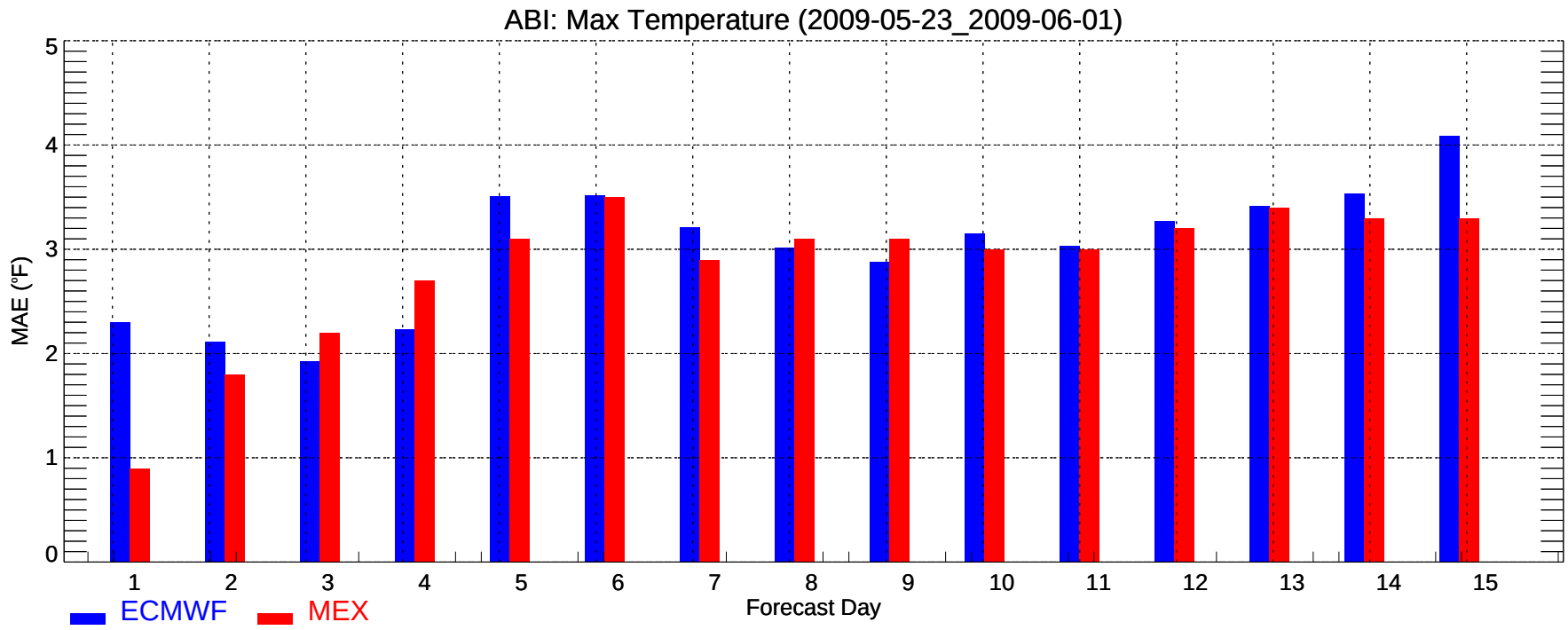
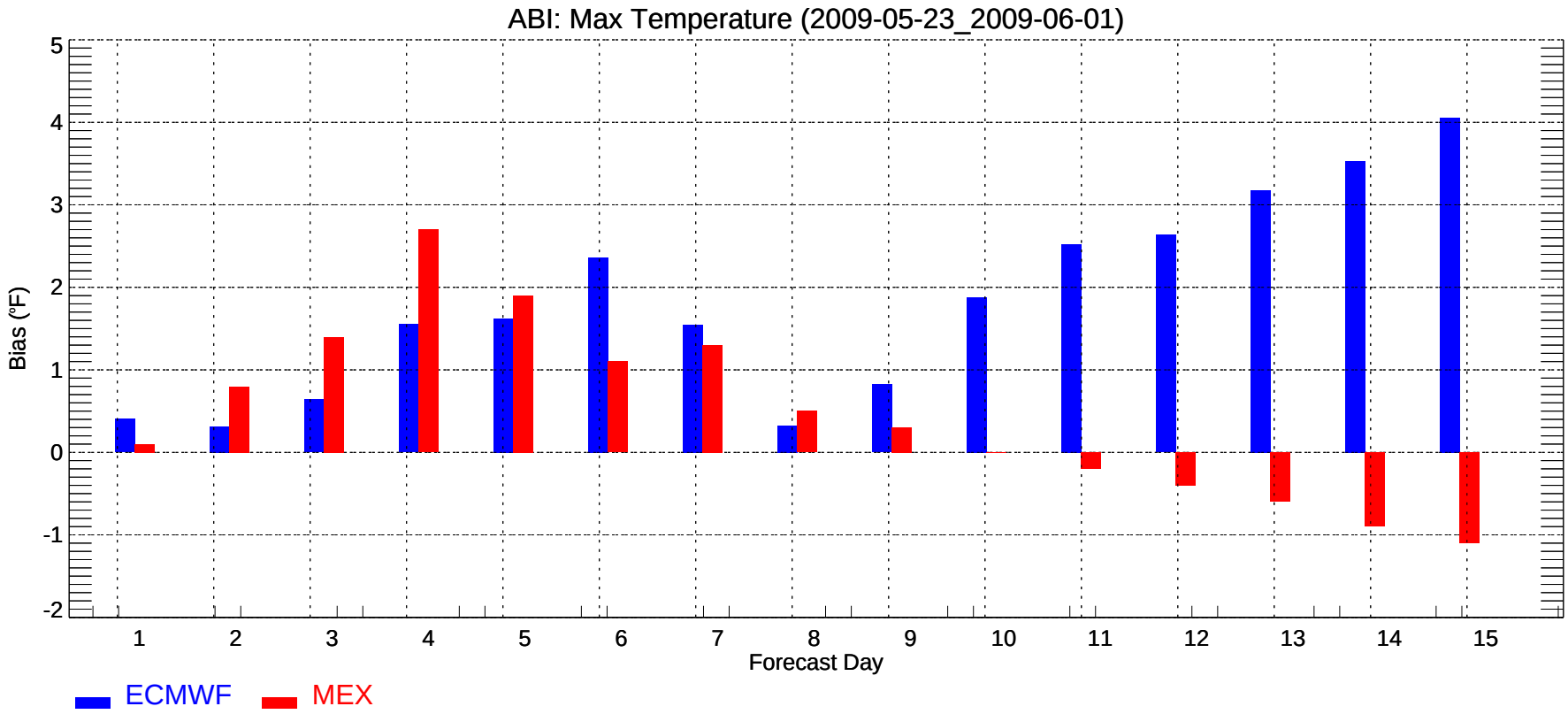
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

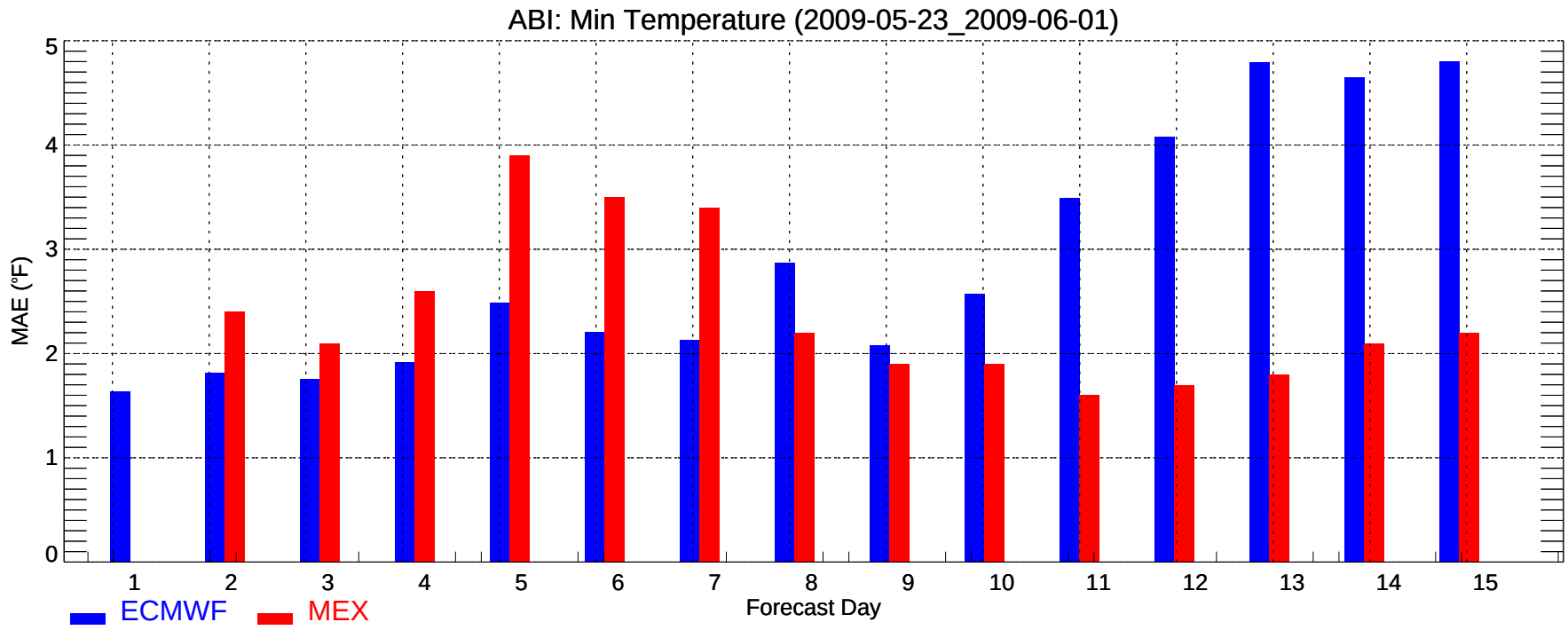

ABE: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

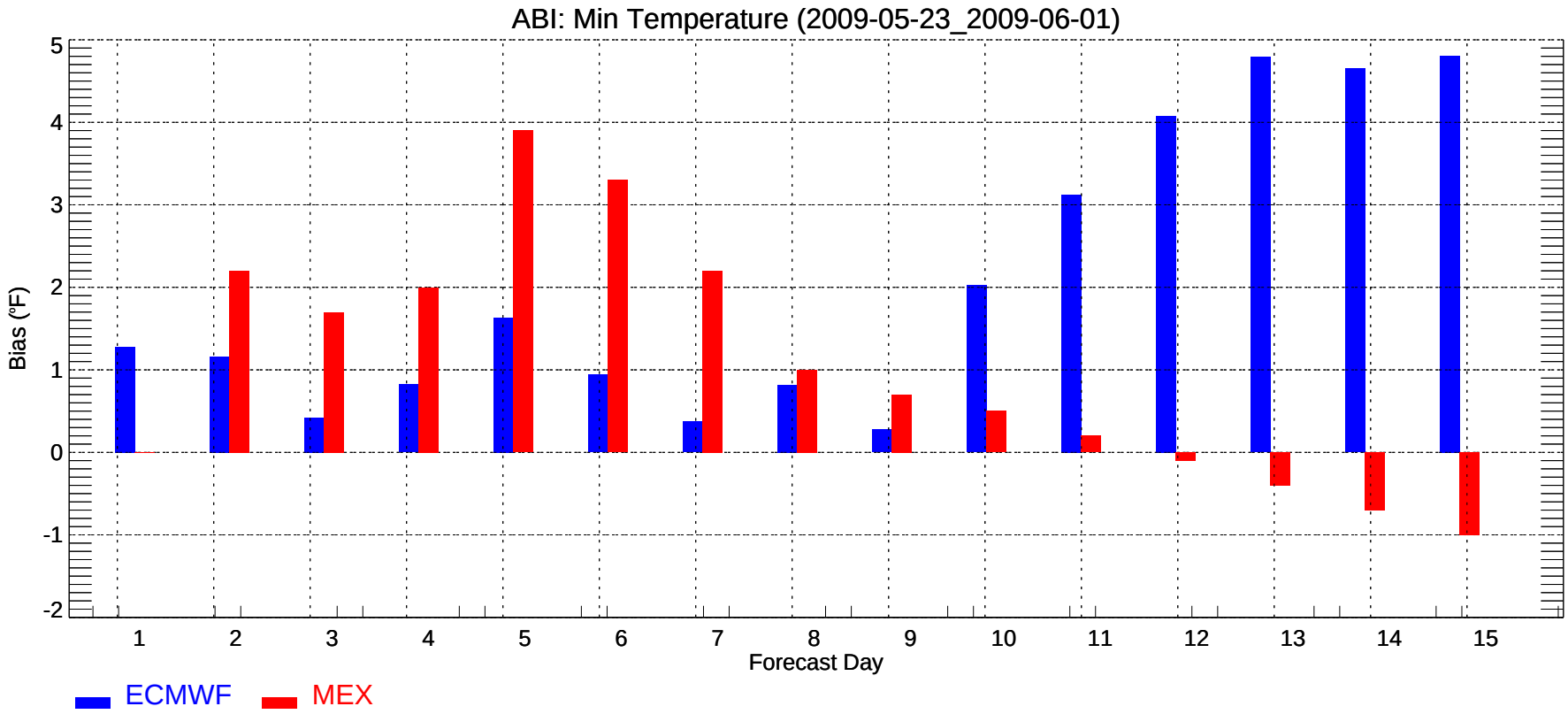

ABE: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

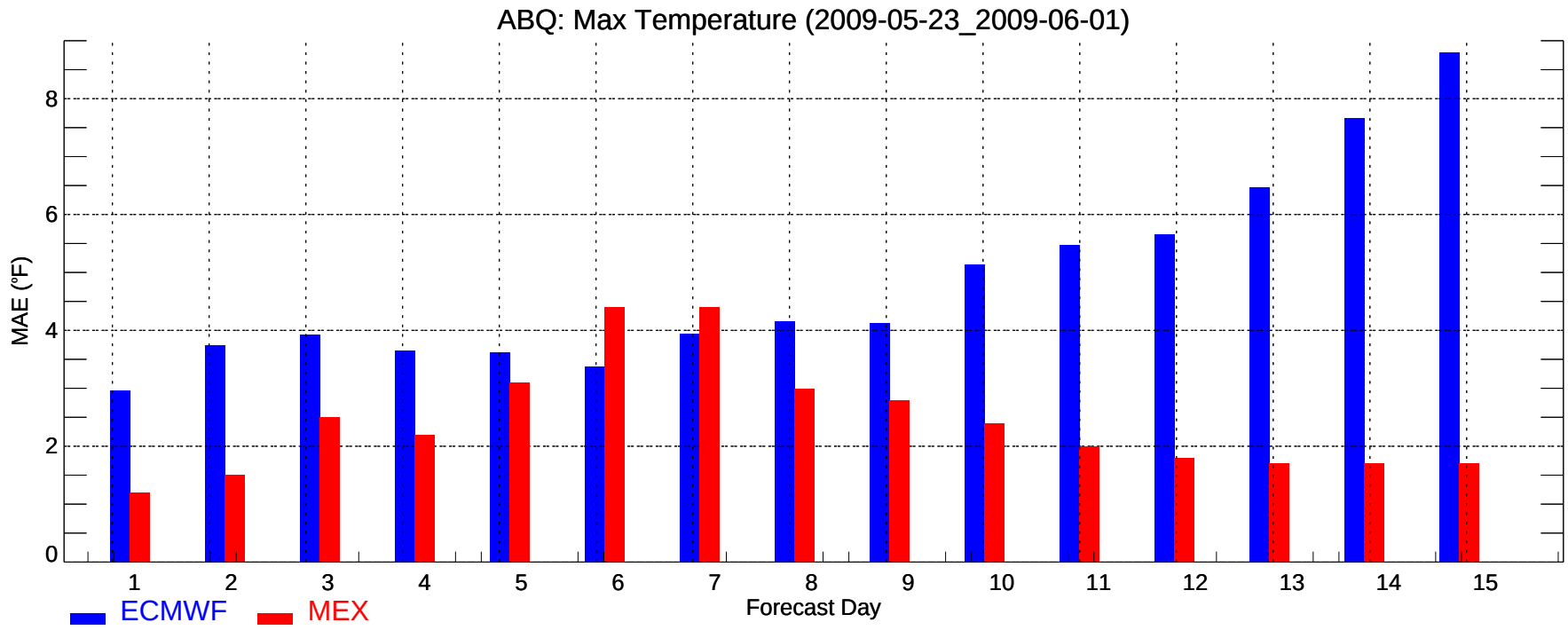

ABE: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

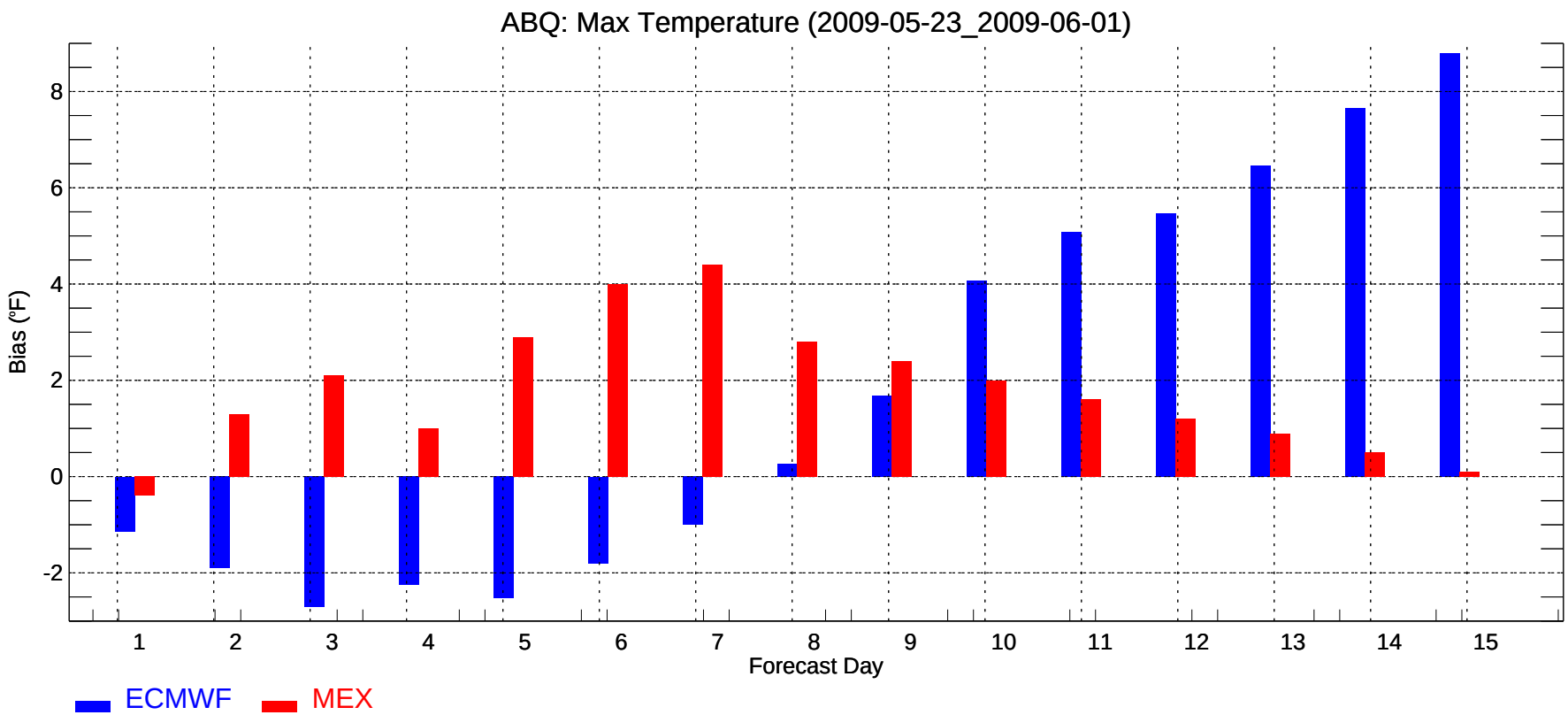

ABI: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABI: Max Temperature (2009-05-23_2009-06-01)
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


ABI: Min Temperature (2009-05-23_2009-06-01)
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


ABI: Min Temperature (2009-05-23_2009-06-01)
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


ABQ: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABQ: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
8
1
2
3
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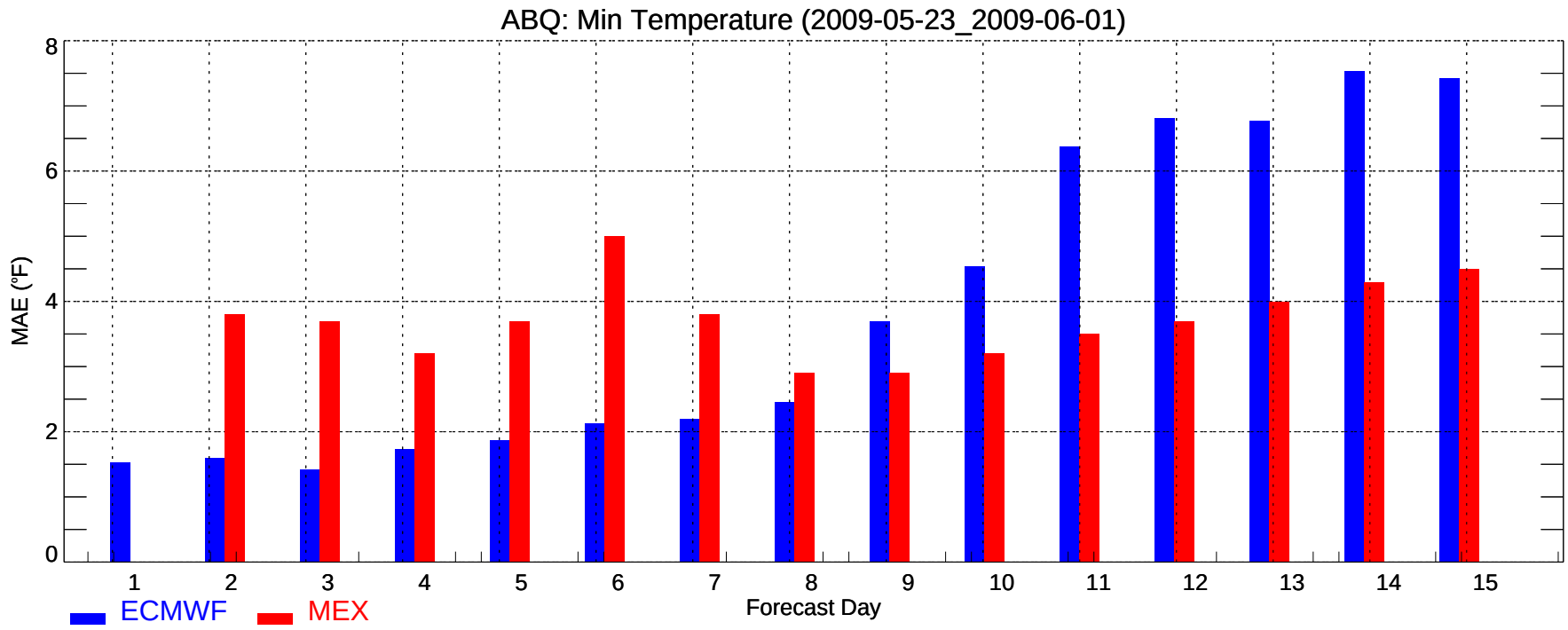
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABQ: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
7
8
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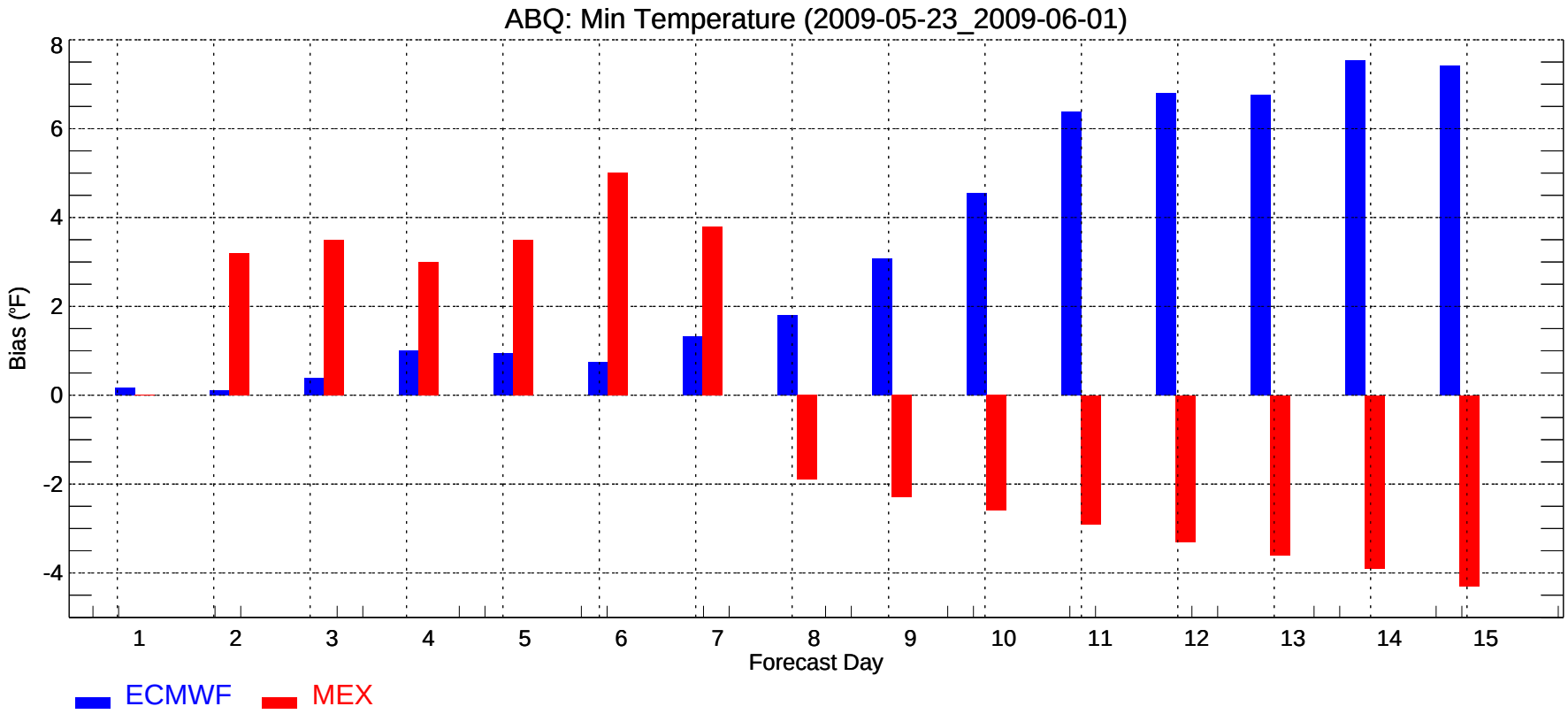
13
14
15
Forecast Day
ECMWF
MEX


ABQ: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
8
6
4
2
0
-2
-4
1
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6
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8
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13
14
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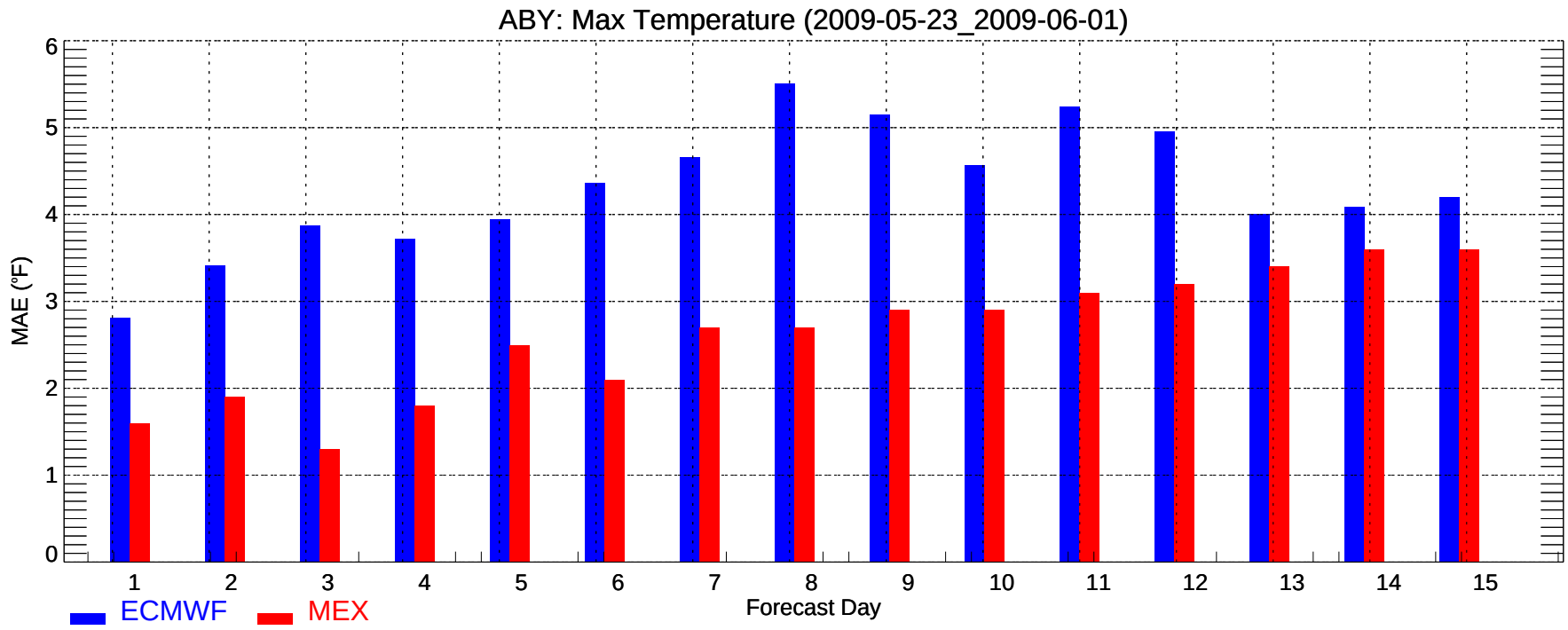
Forecast Day
ECMWF
MEX


ABY: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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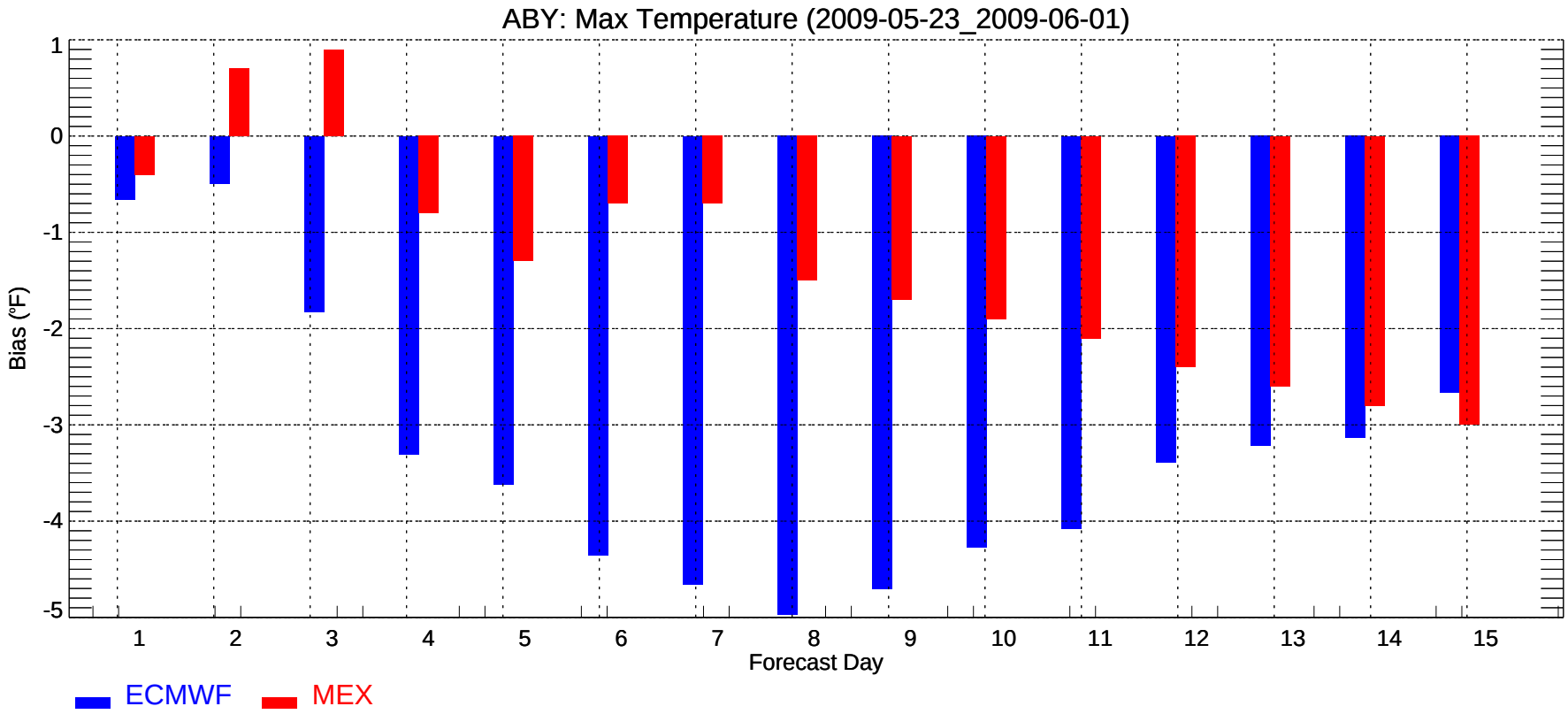
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABY: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
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13
14
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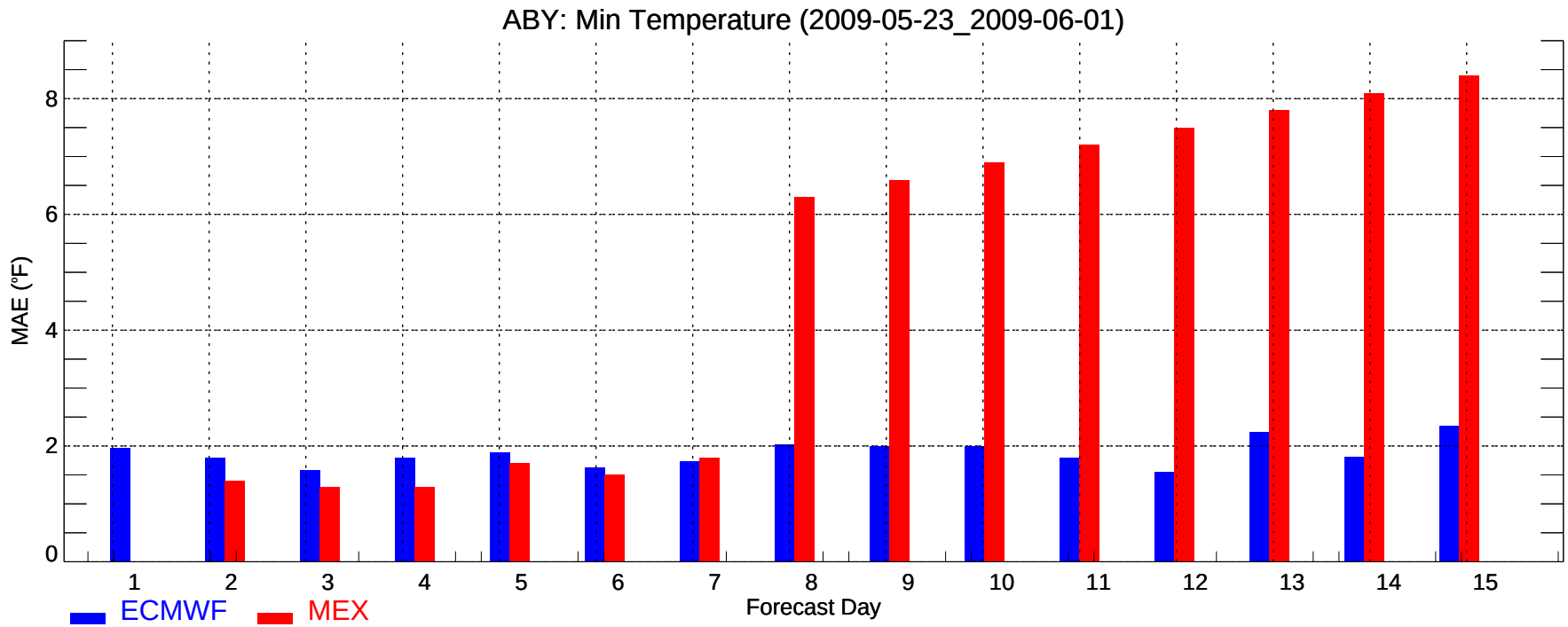
Forecast Day
ECMWF
MEX


ABY: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
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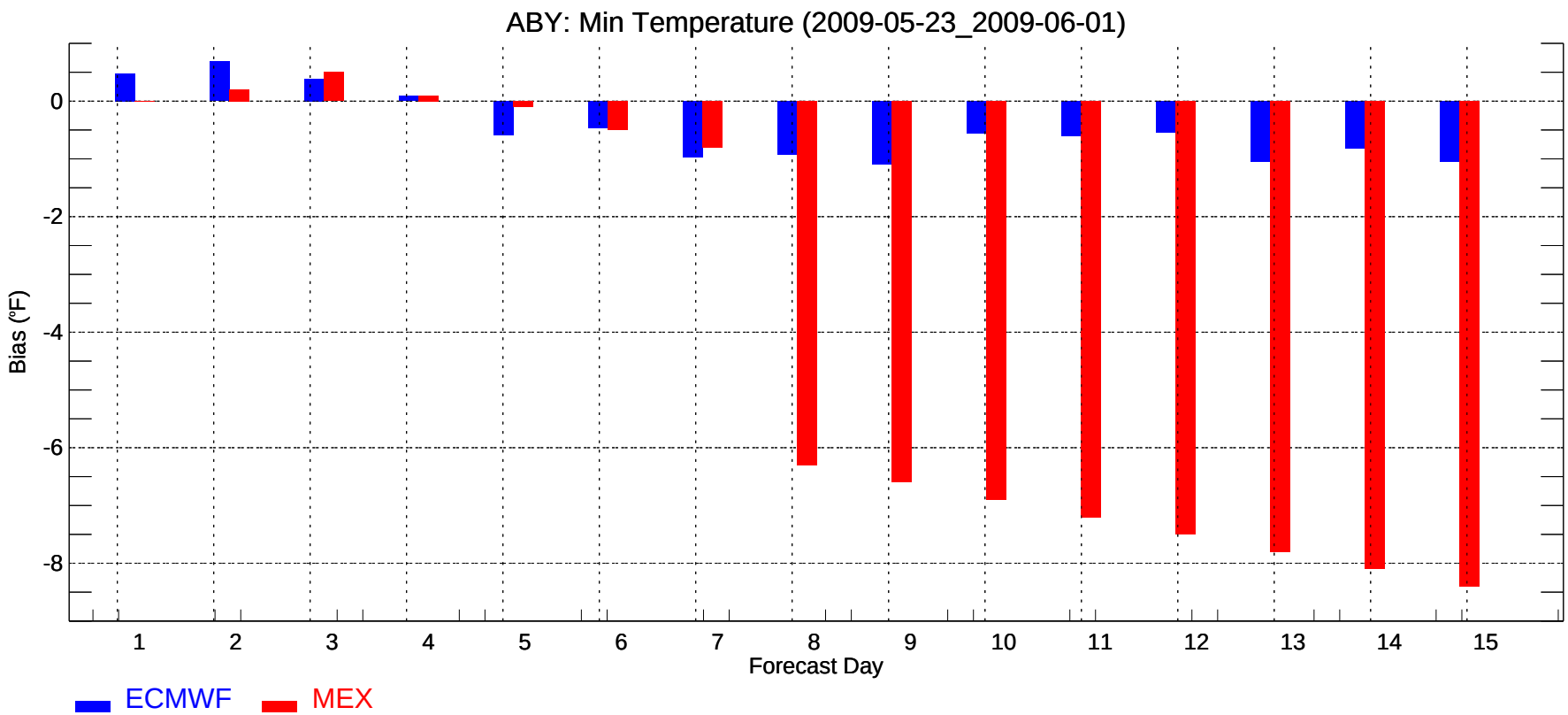
Forecast Day
ECMWF
MEX


ABY: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
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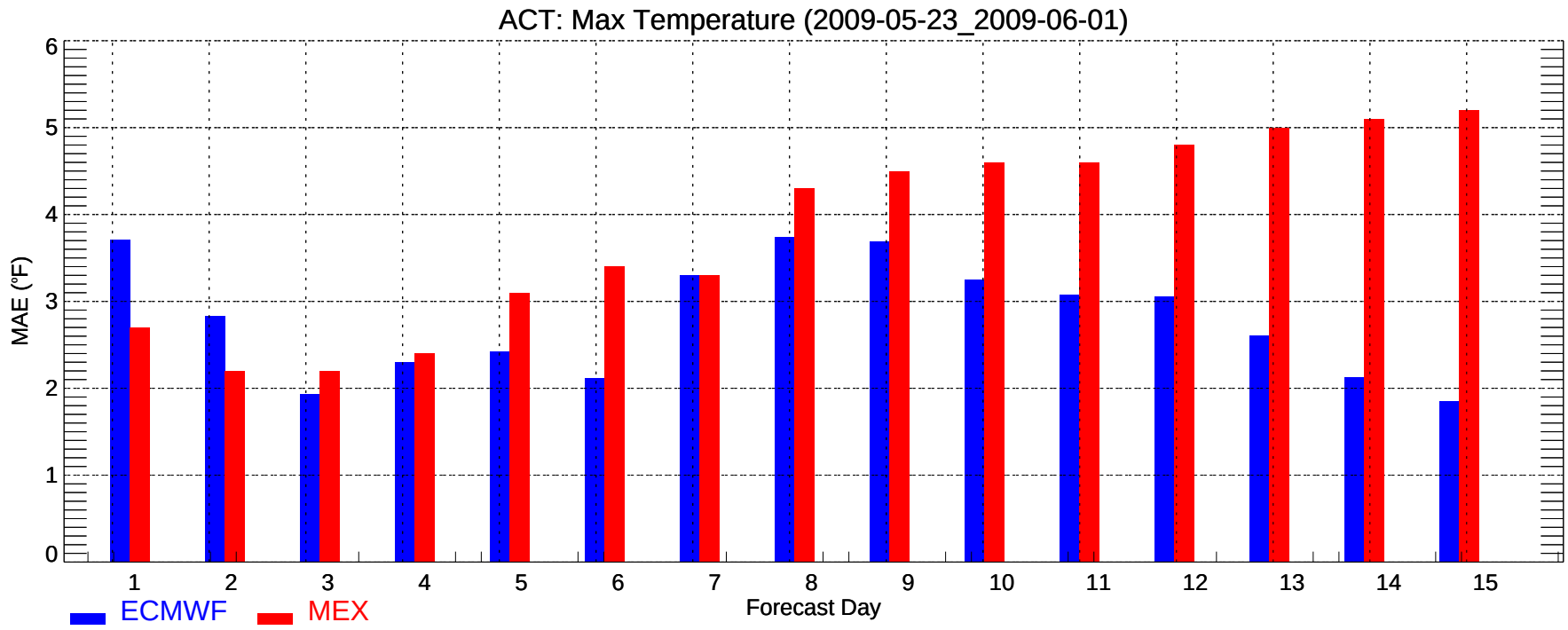
12
13
14
15
Forecast Day
ECMWF
MEX


ACT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
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5
6
7
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13
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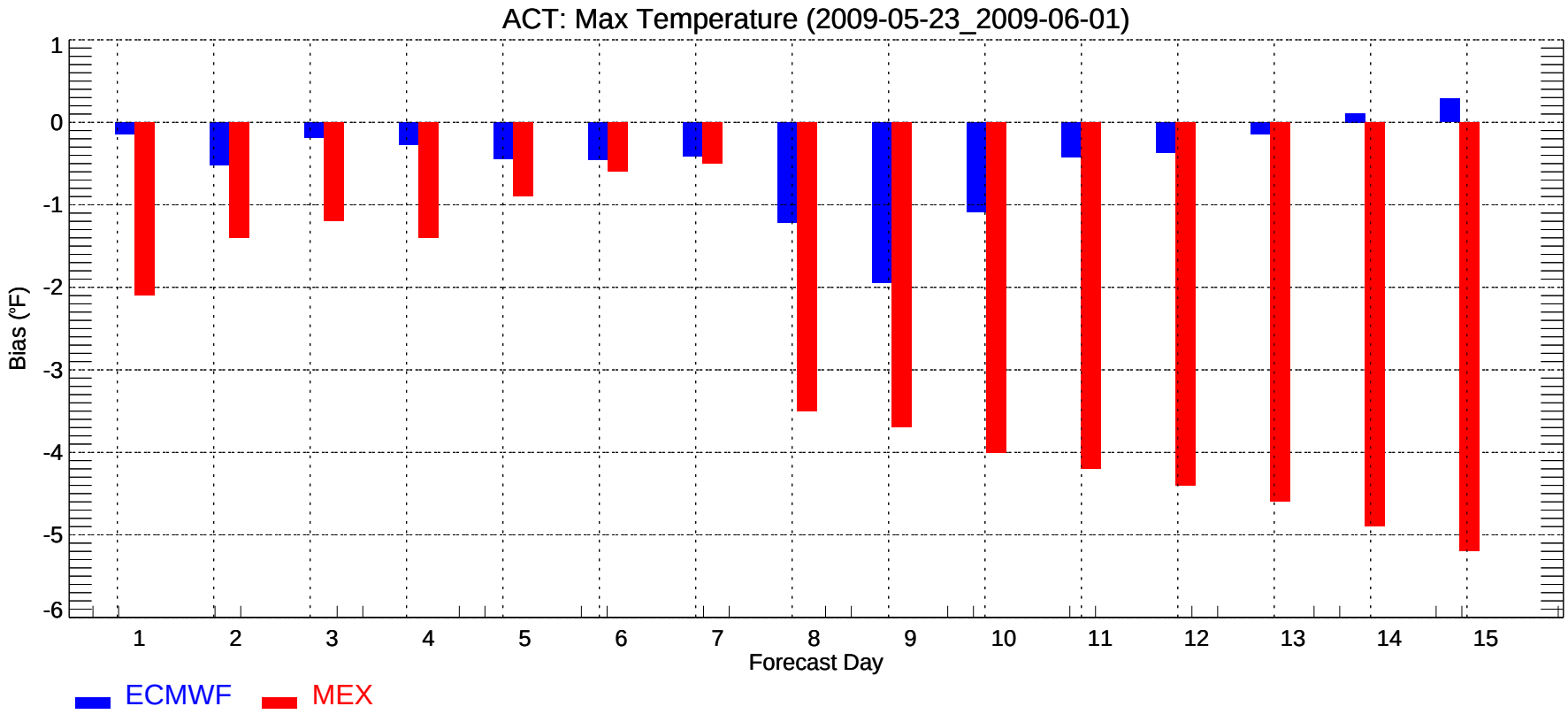
Forecast Day
ECMWF
MEX


ACT: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
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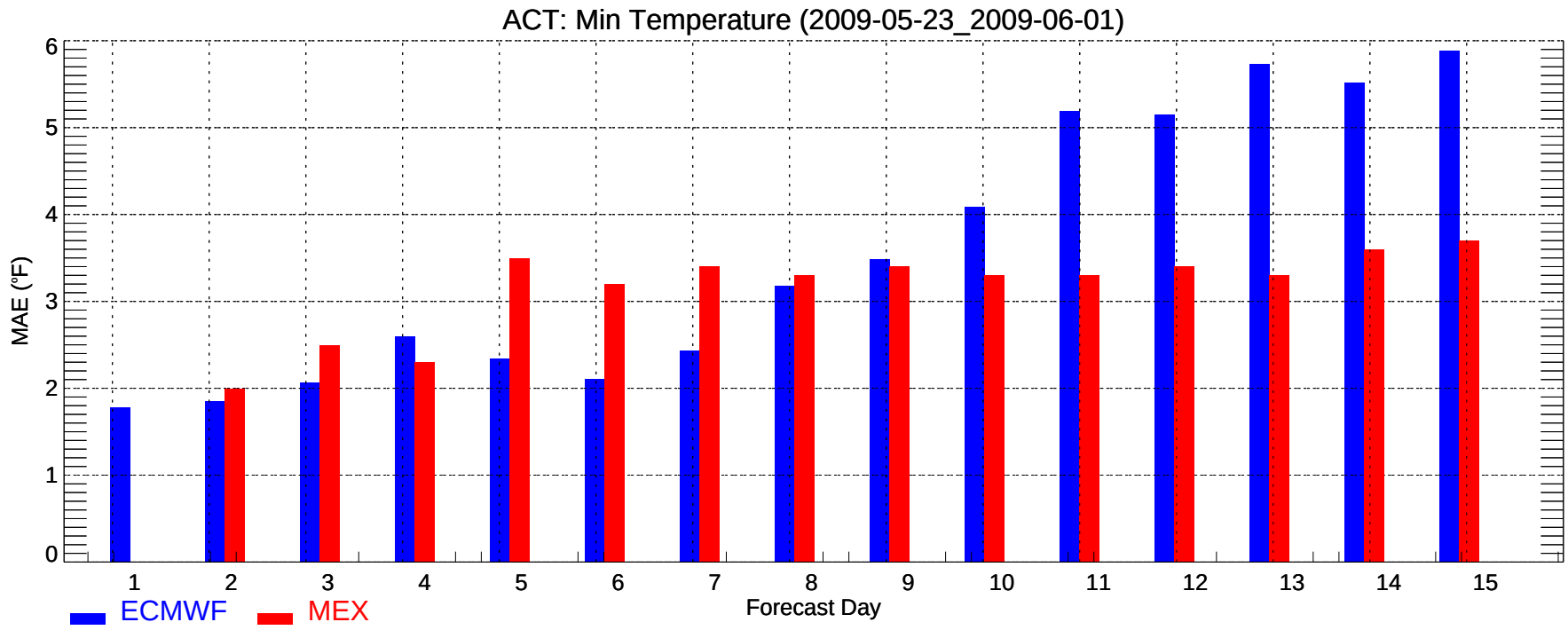
Forecast Day
ECMWF
MEX


ACT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
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5
6
7
8
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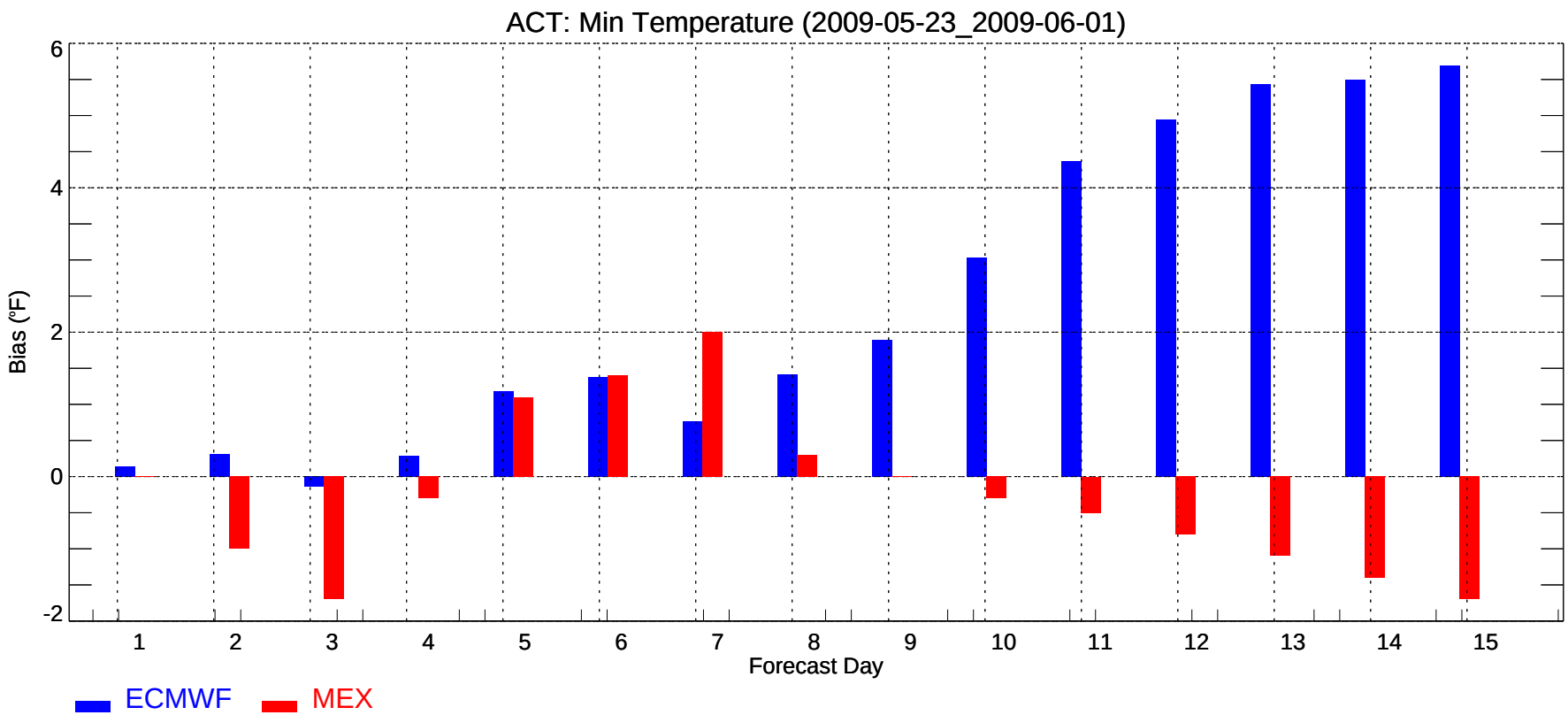
11
12
13
14
15
Forecast Day
ECMWF
MEX


ACT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
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11
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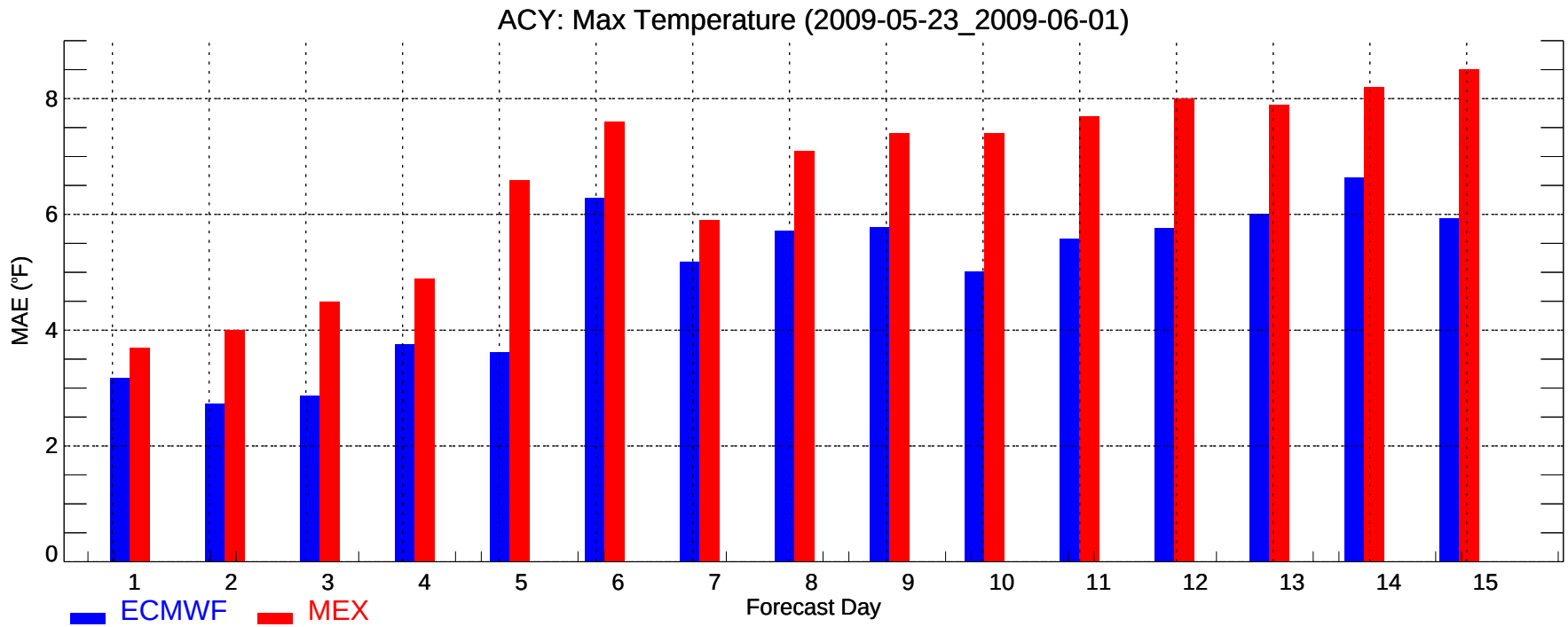
13
14
15
Forecast Day
ECMWF
MEX


ACY: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
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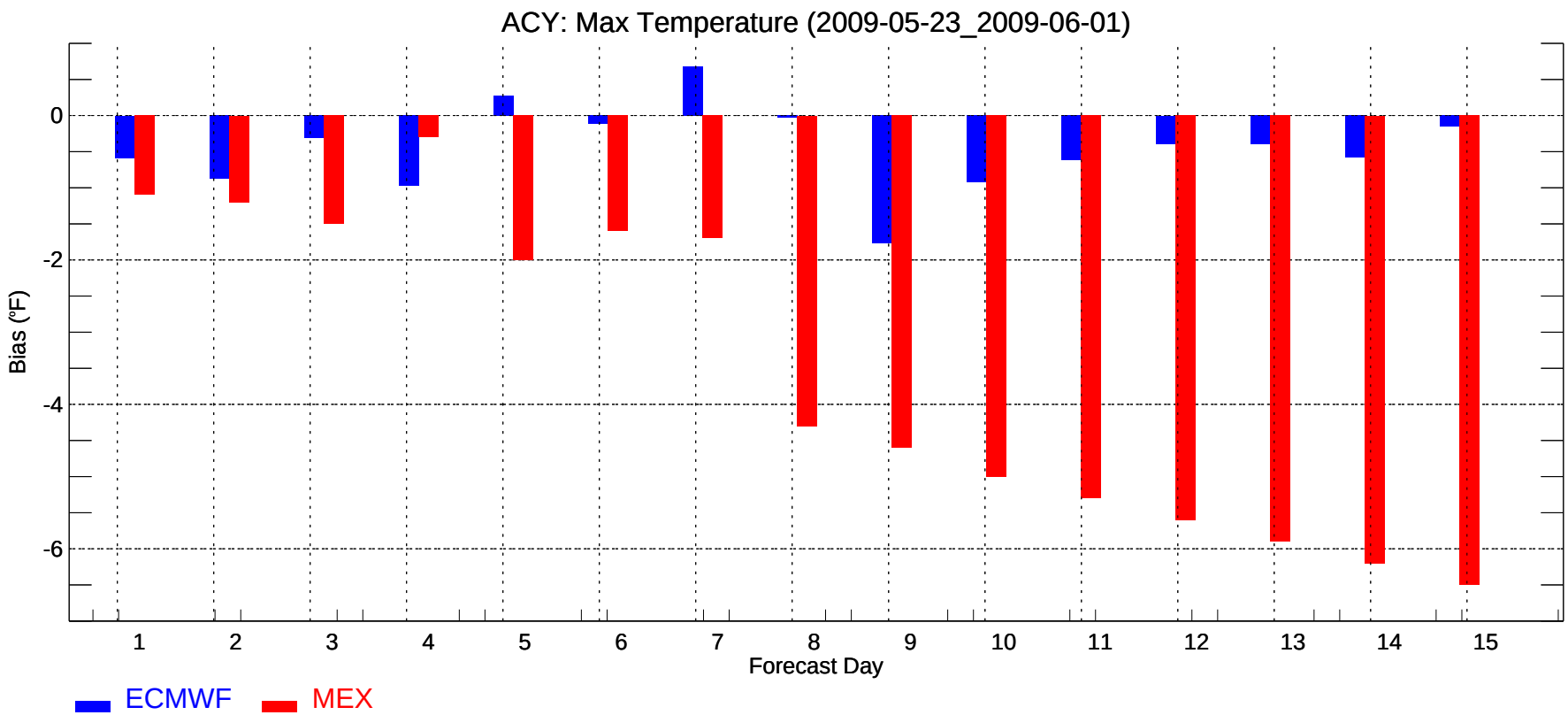
11
12
13
14
15
Forecast Day
ECMWF
MEX


ACY: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
1
2
3
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7
8
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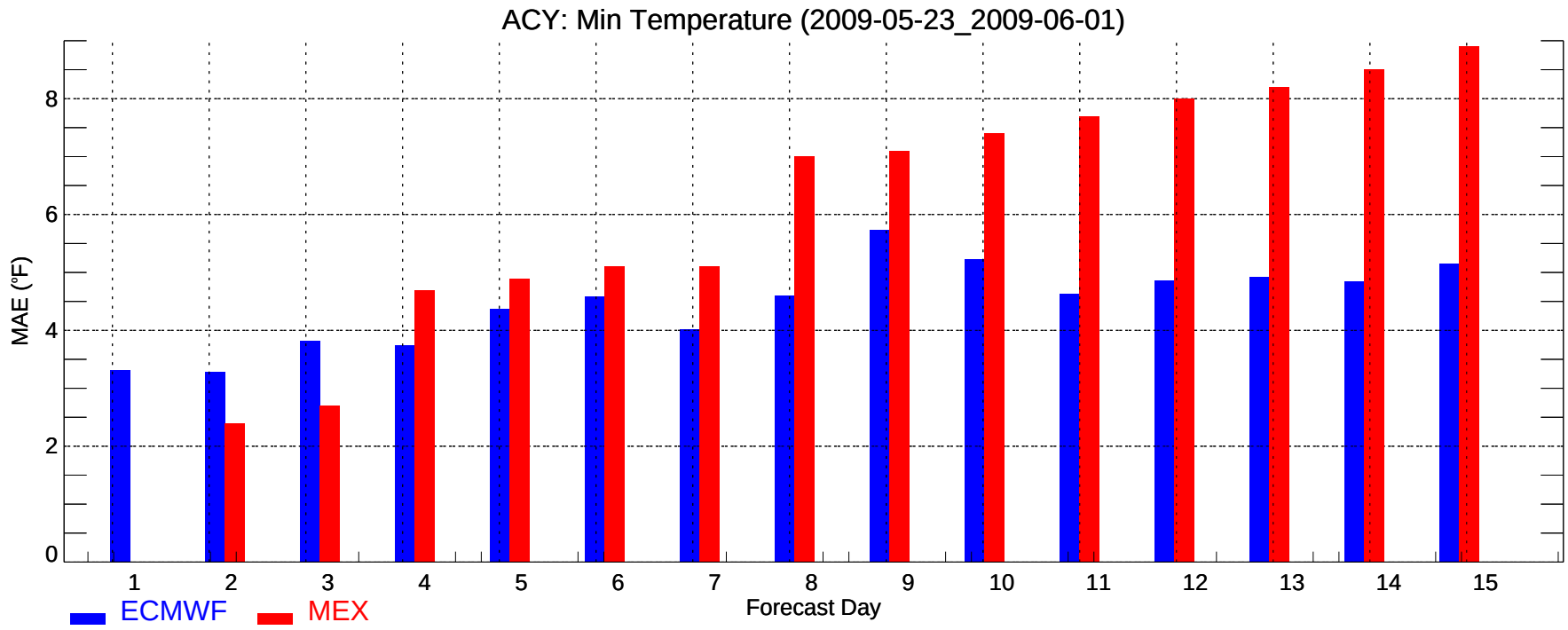
Forecast Day
ECMWF
MEX


ACY: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
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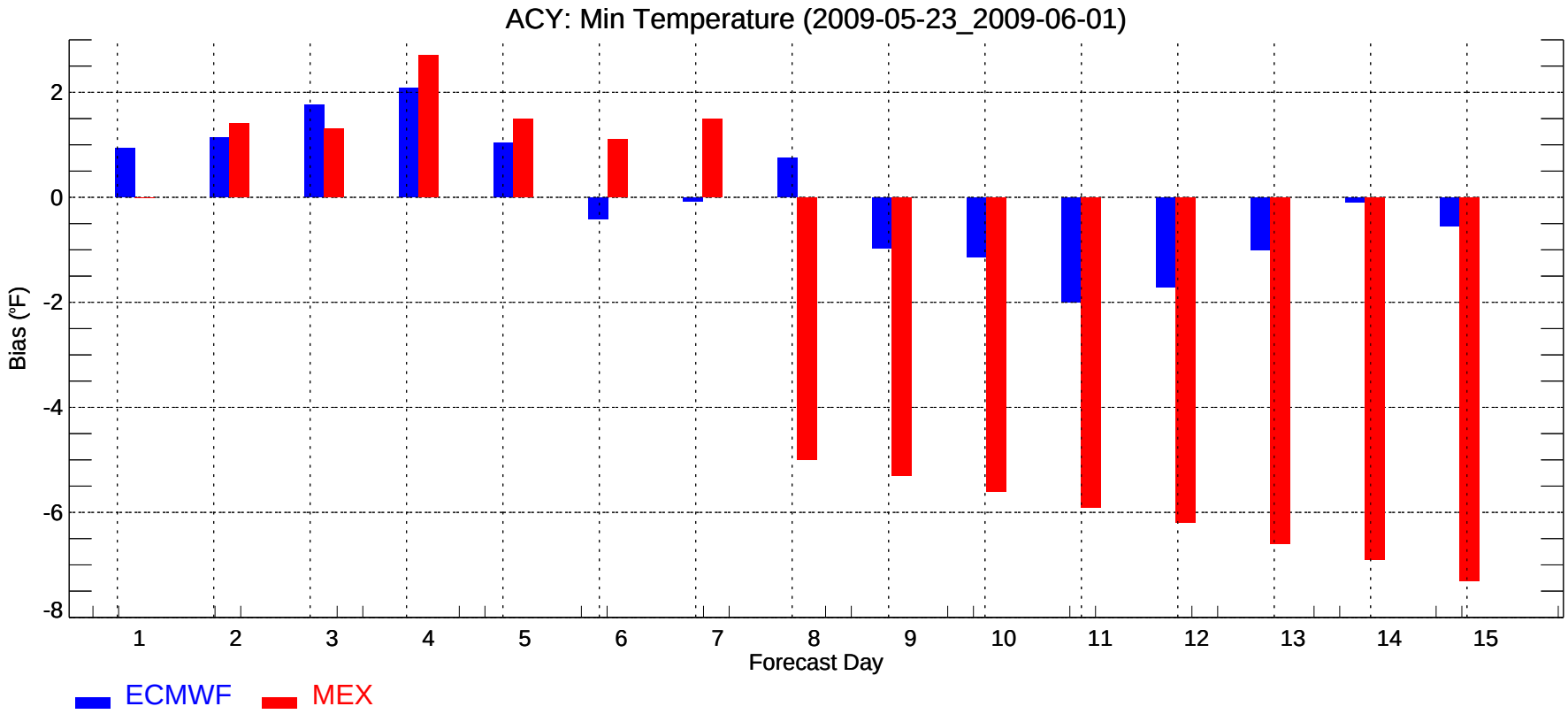
Forecast Day
ECMWF
MEX


ACY: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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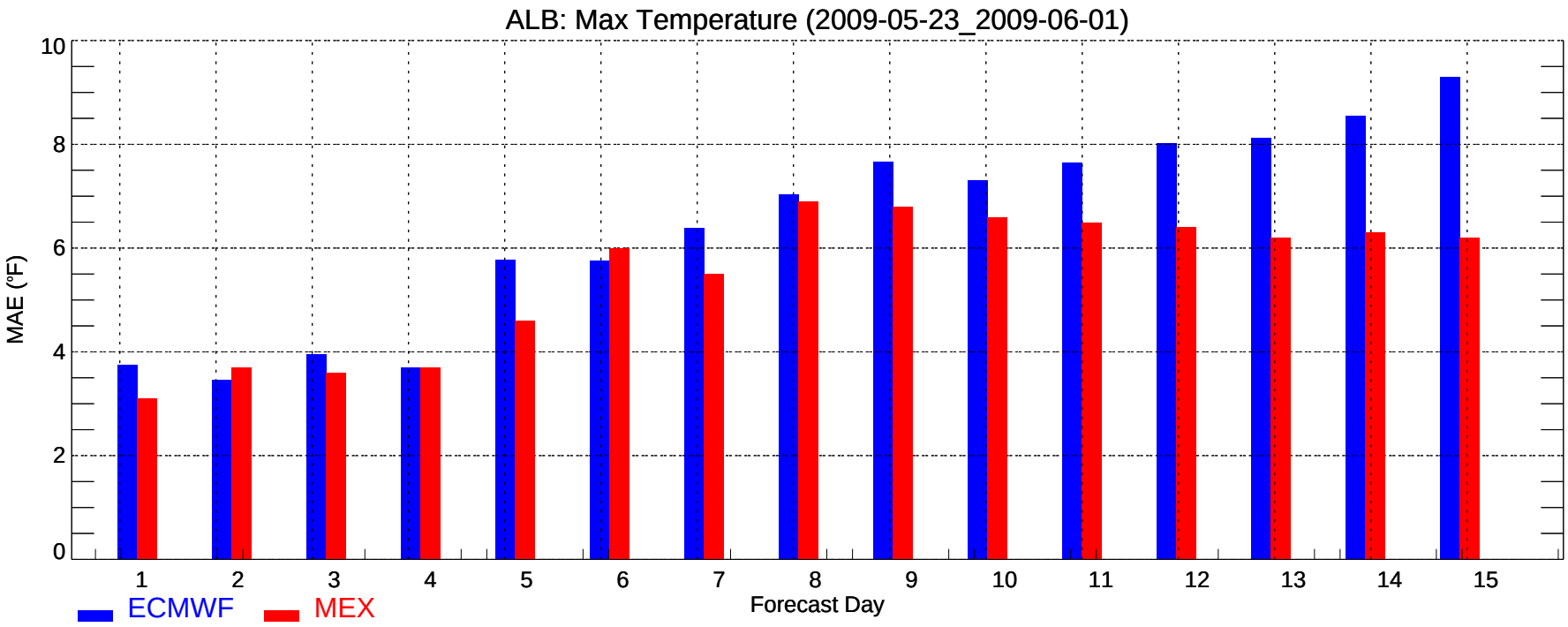
Forecast Day
ECMWF
MEX


ALB: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
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5
6
7
8
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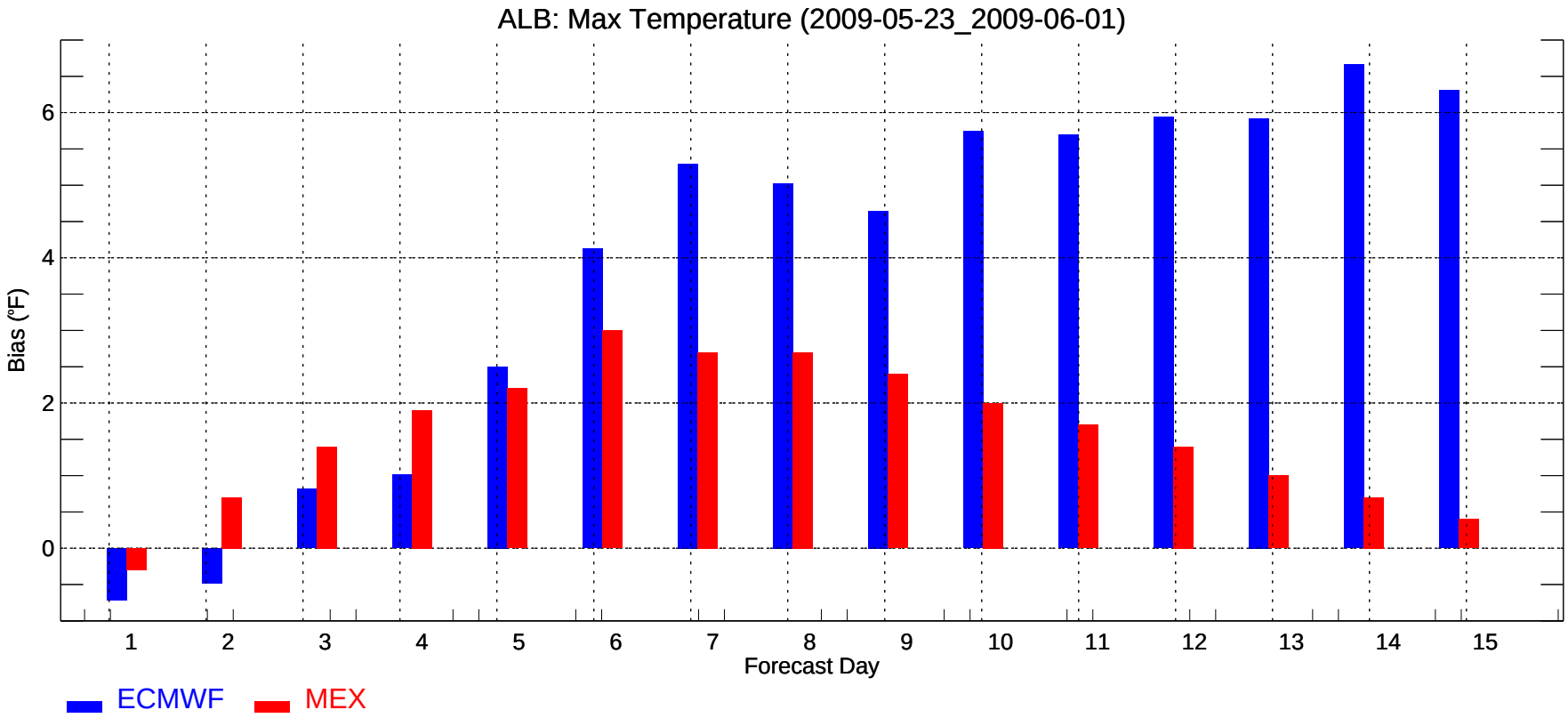
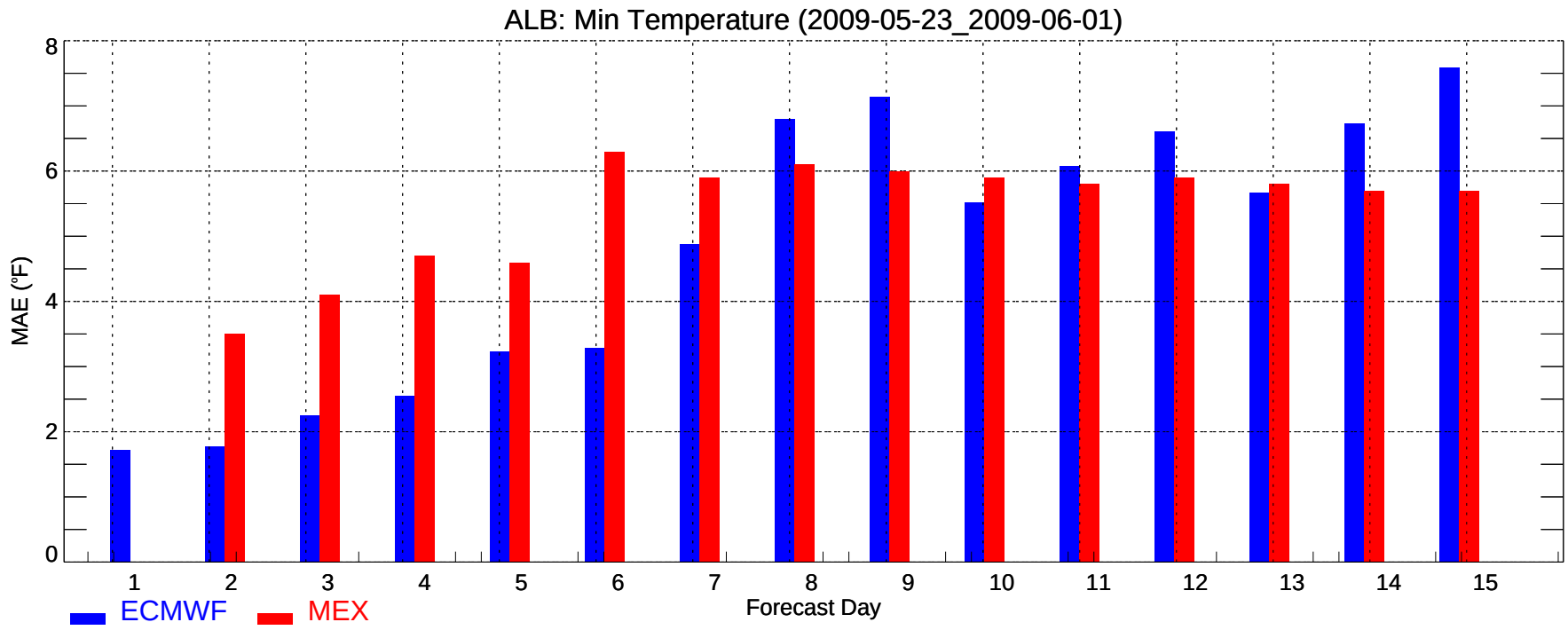
12
13
14
15
Forecast Day
ECMWF
MEX


ALB: Max Temperature (2009-05-23_2009-06-01)
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


ALB: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
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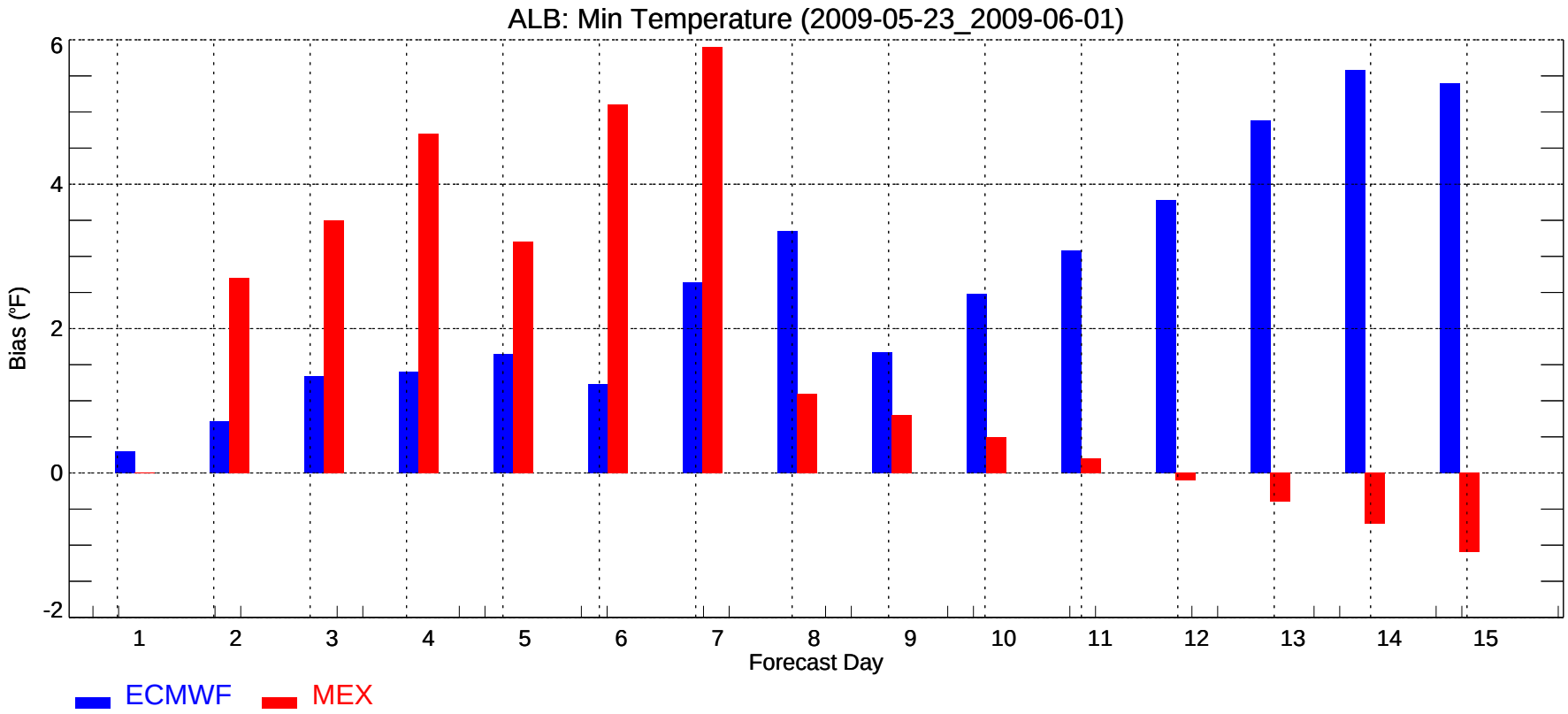
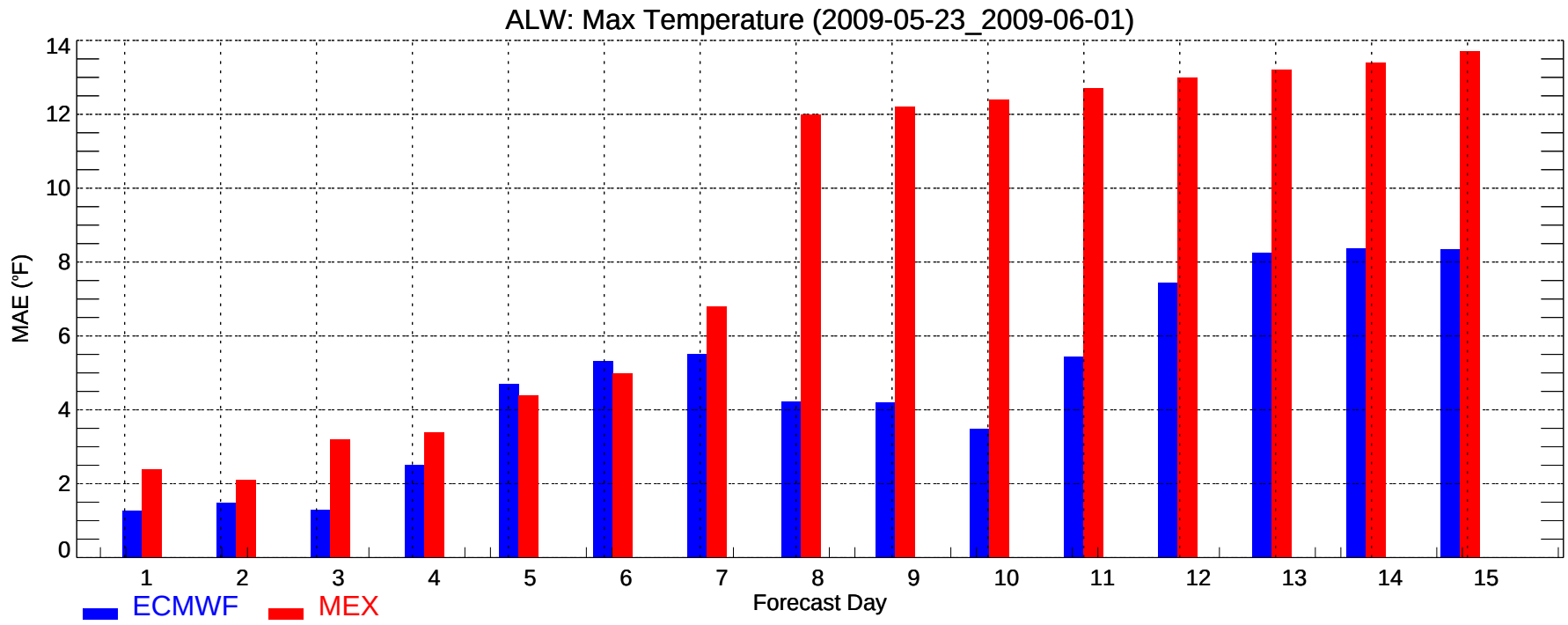
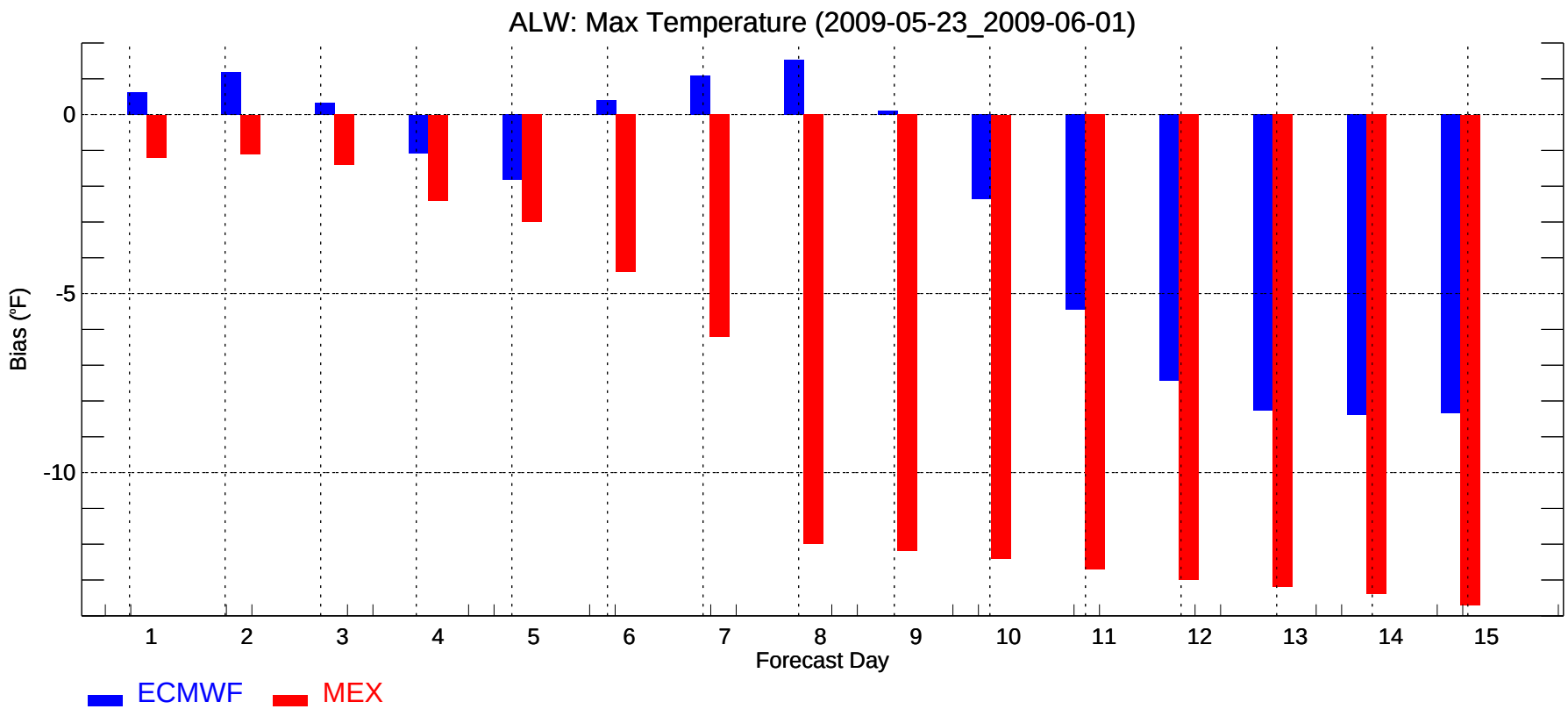
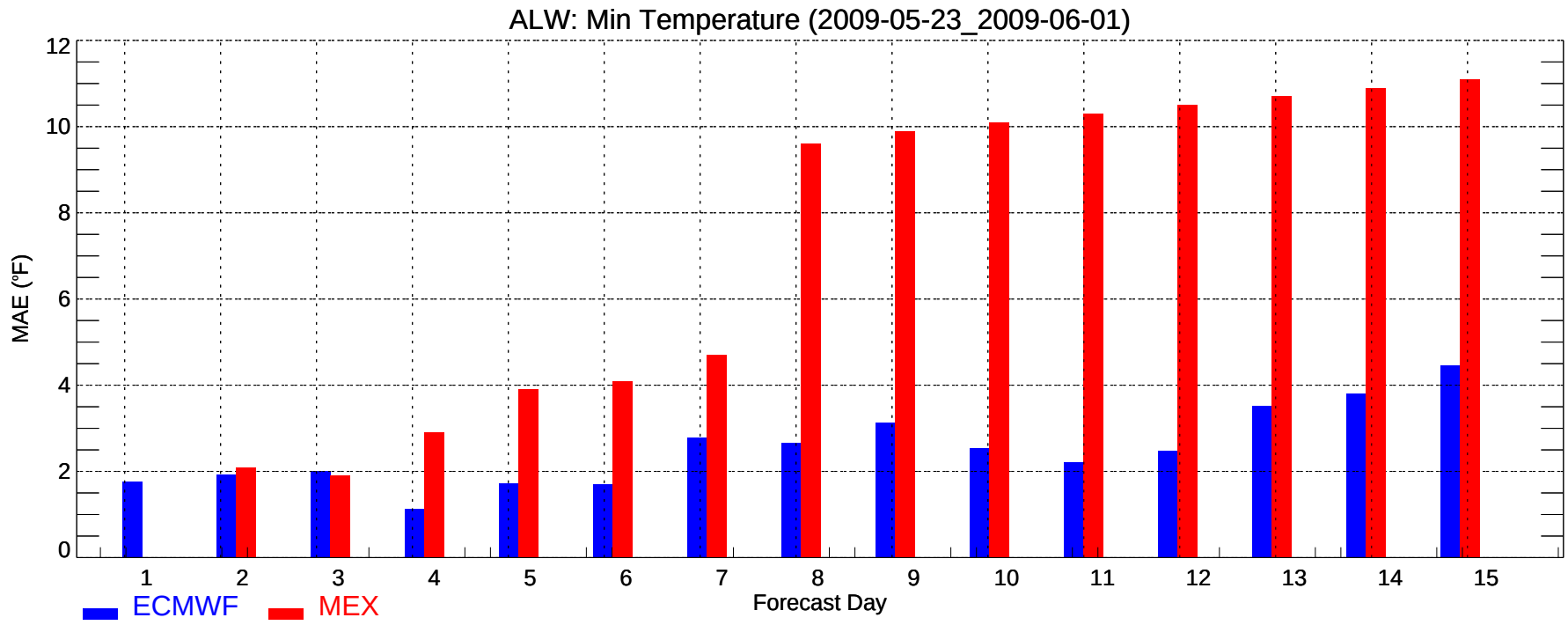
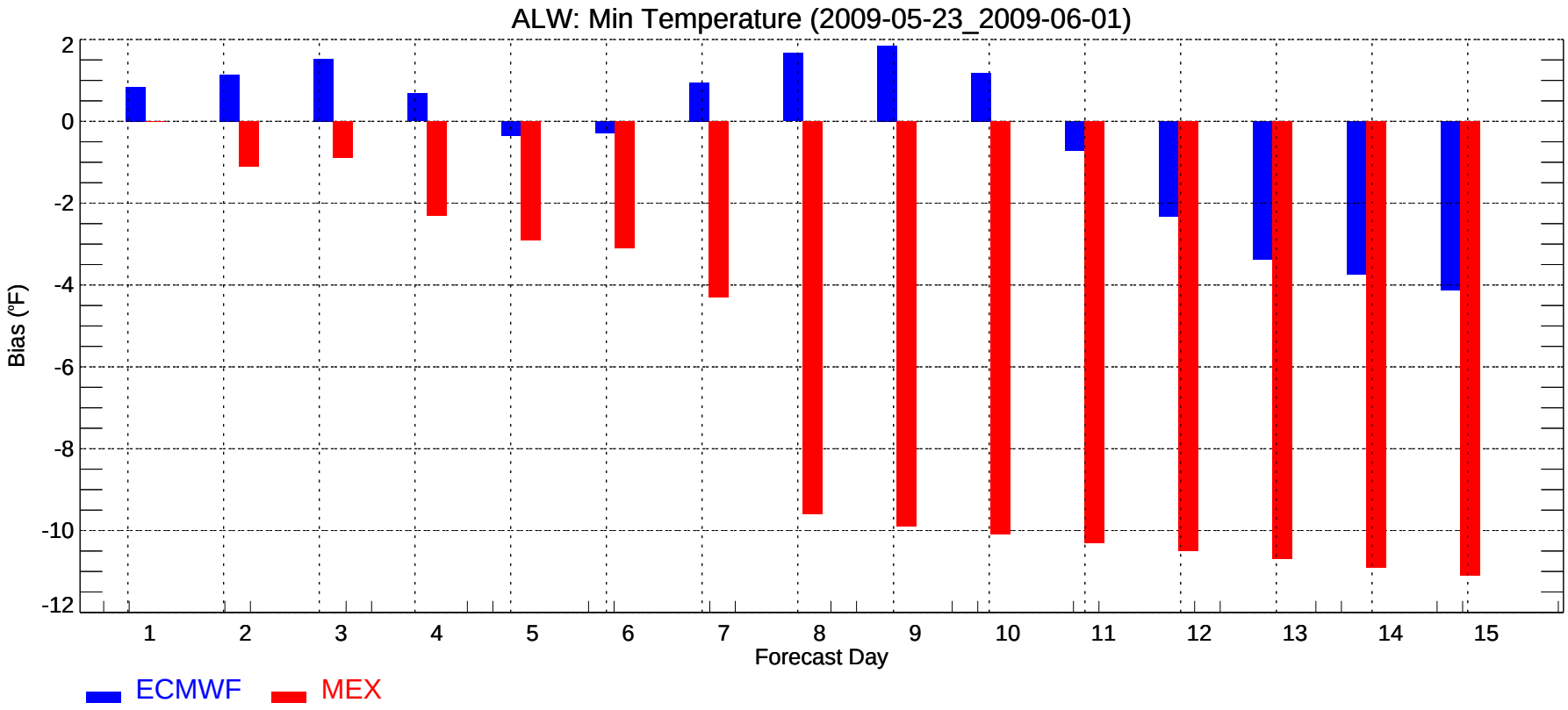
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

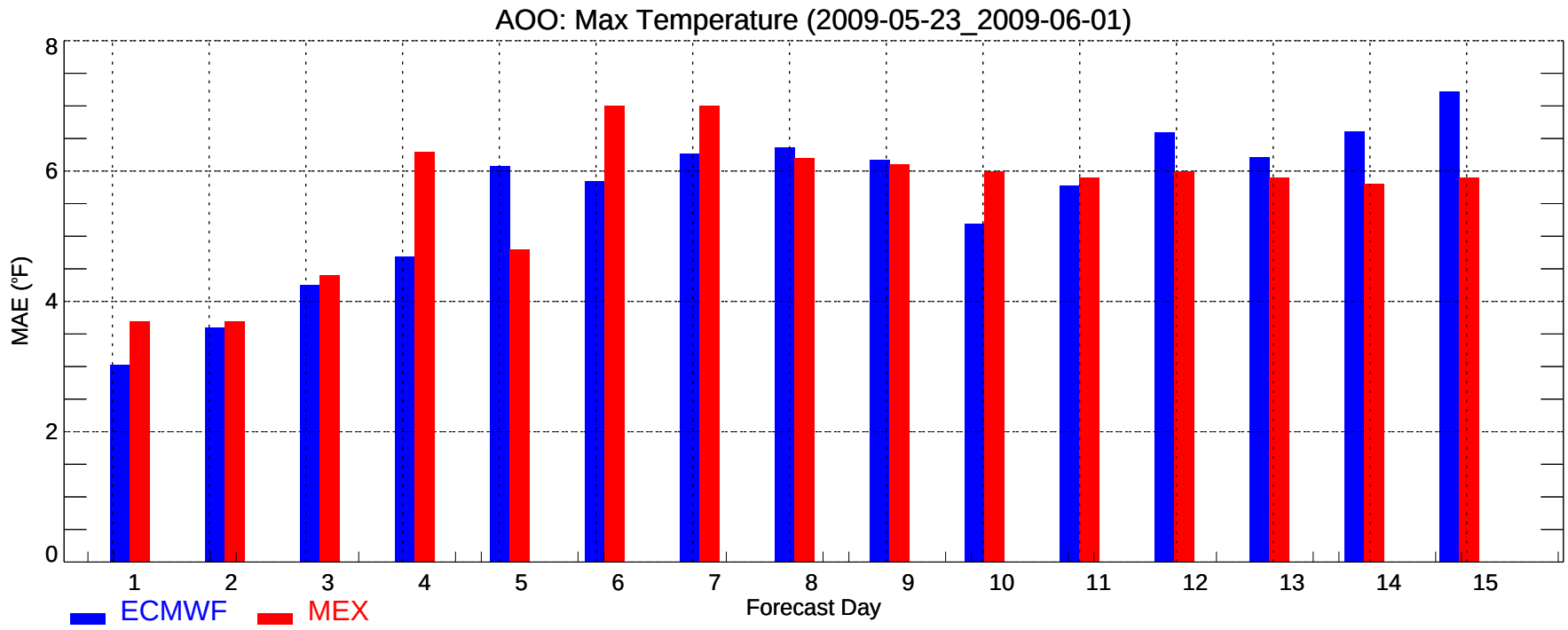

ALB: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

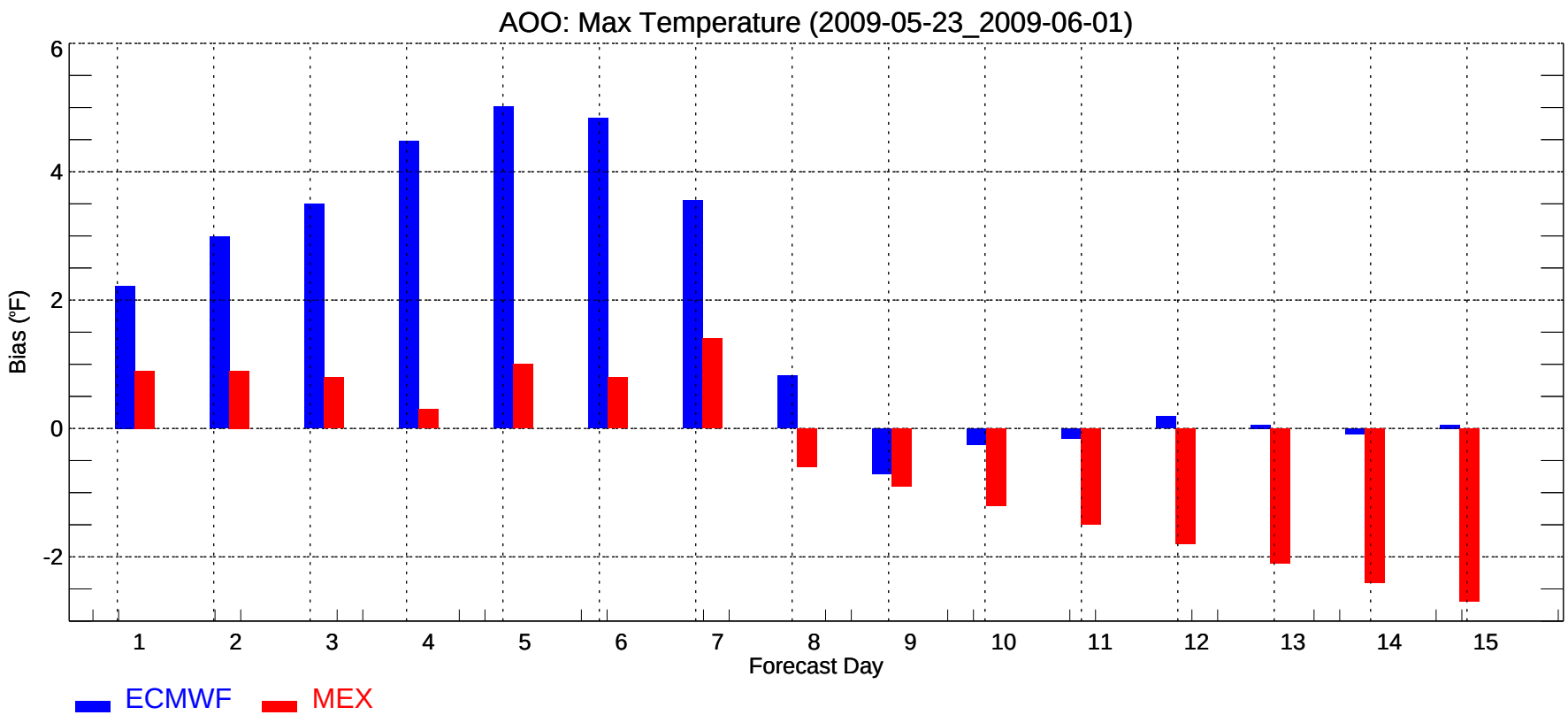

ALW: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

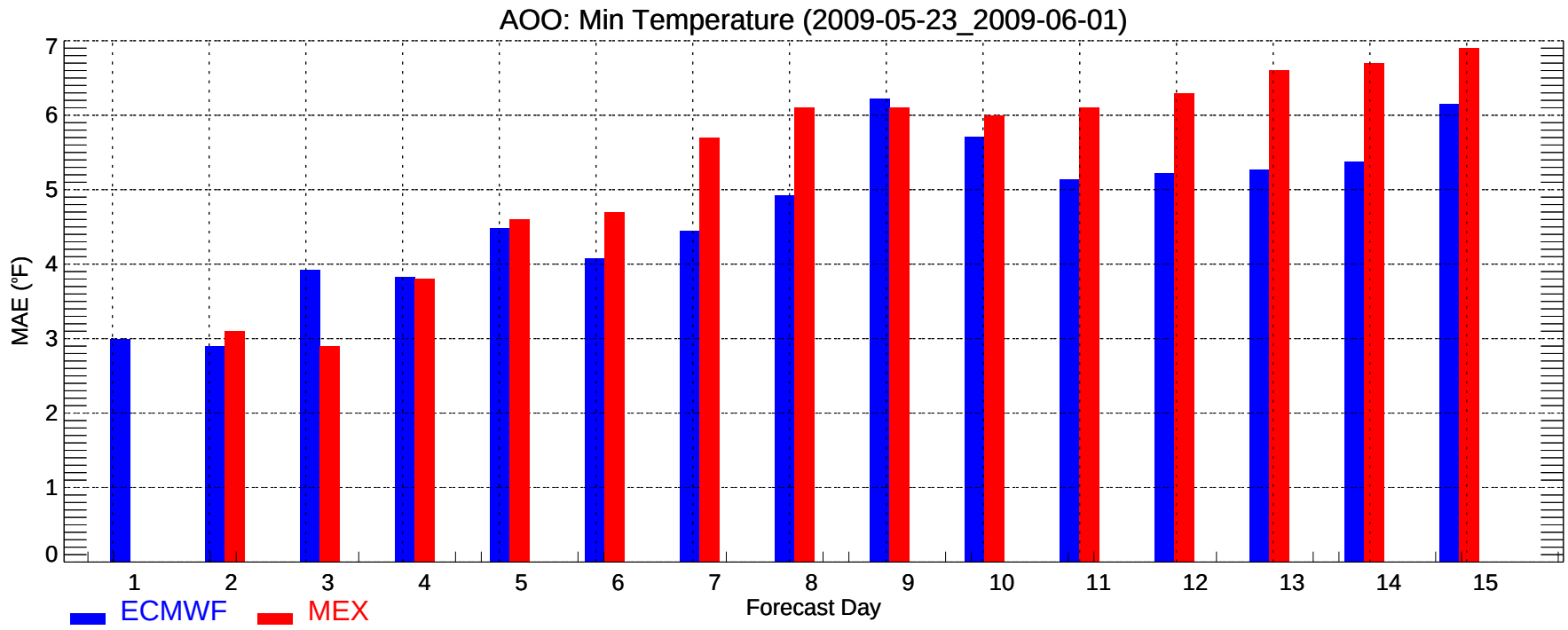

ALW: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-5
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

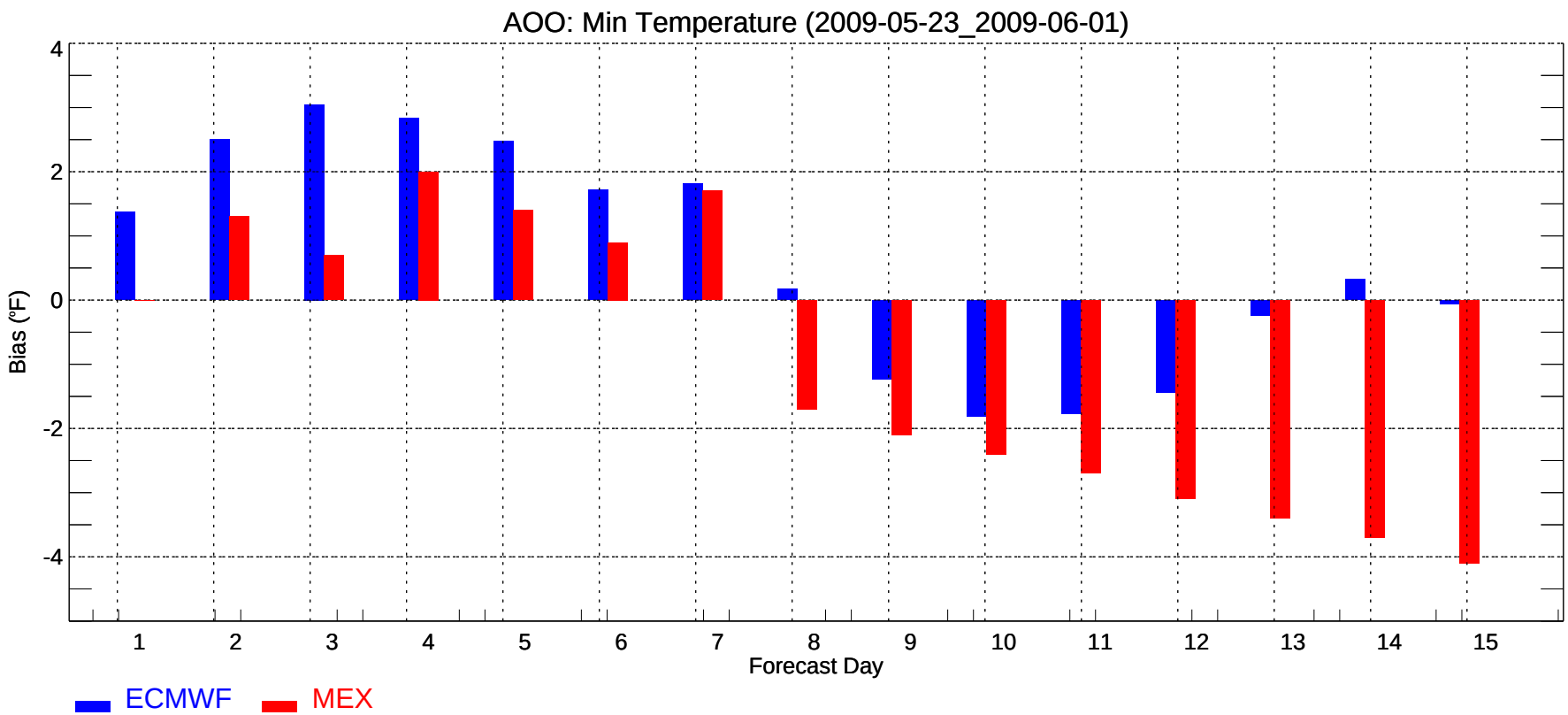

ALW: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

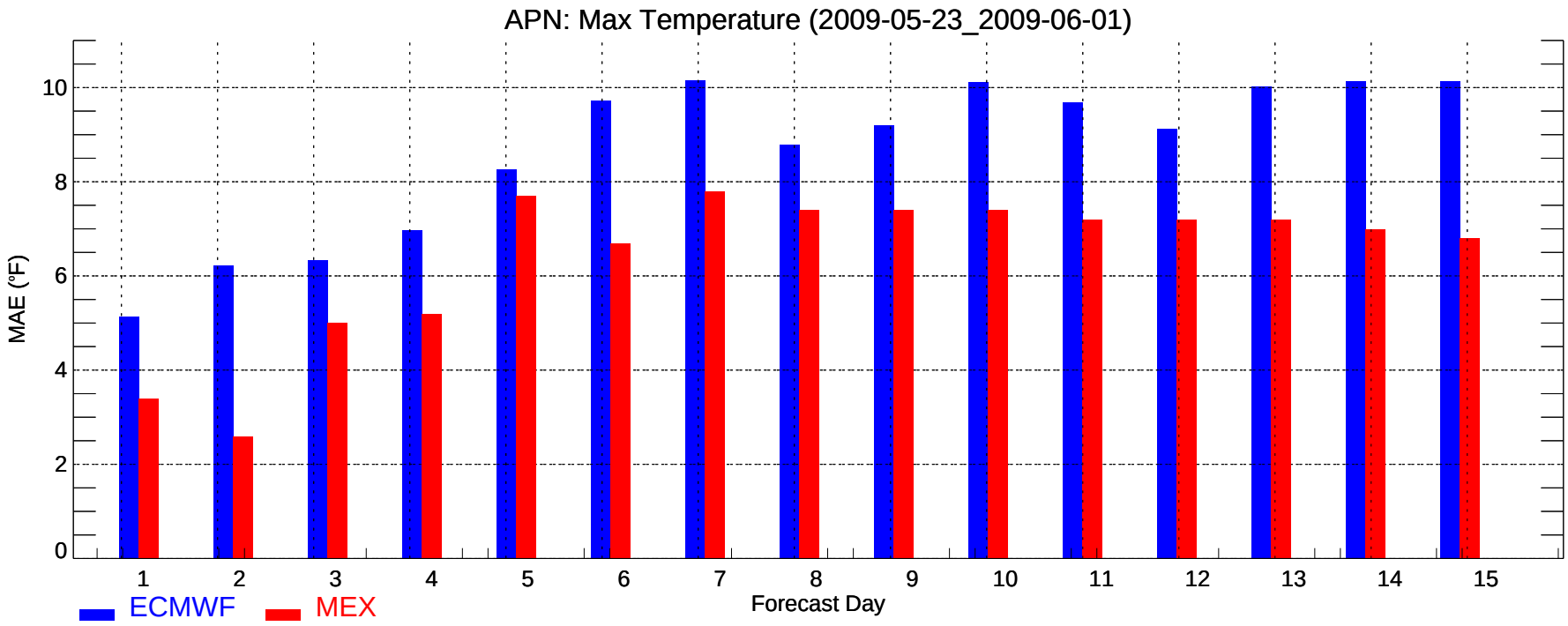

ALW: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

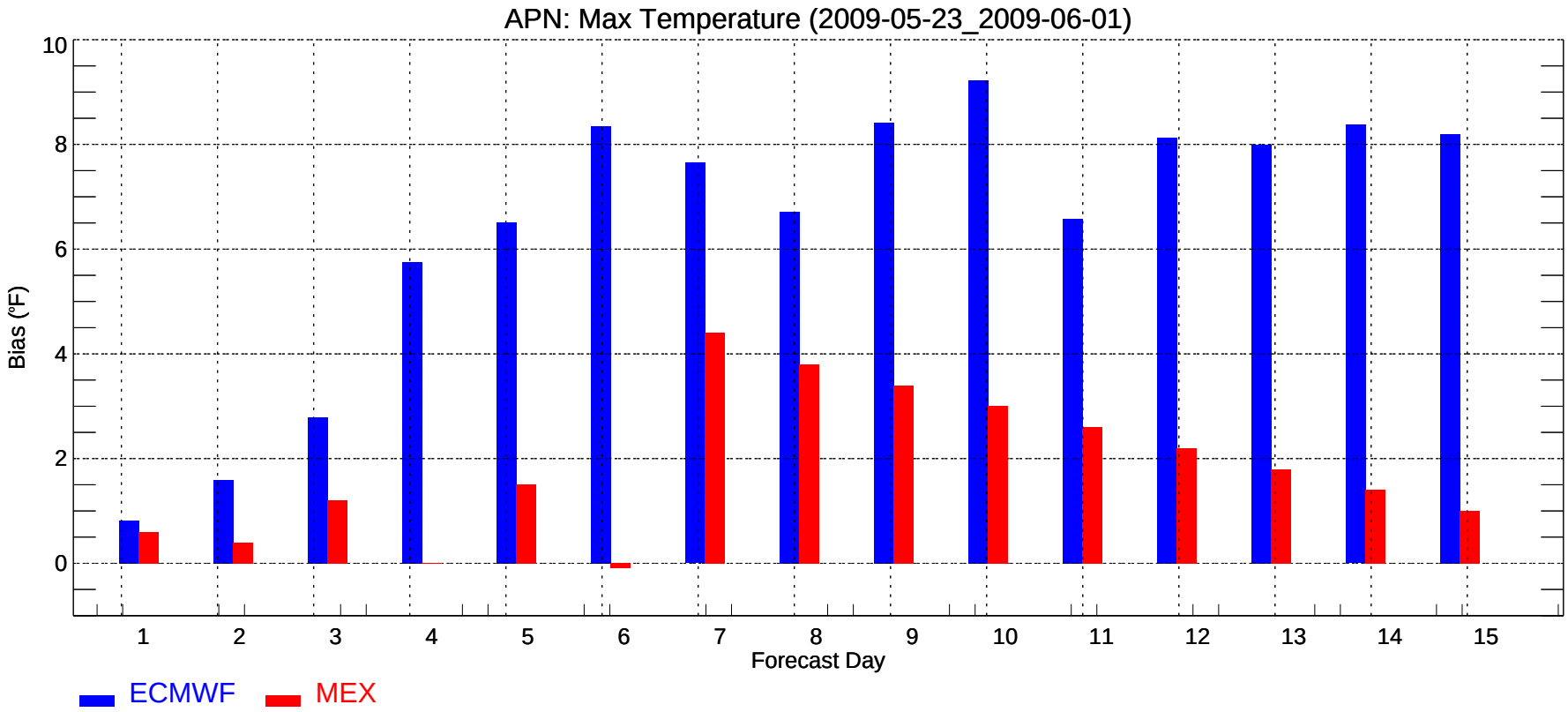

AOO: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

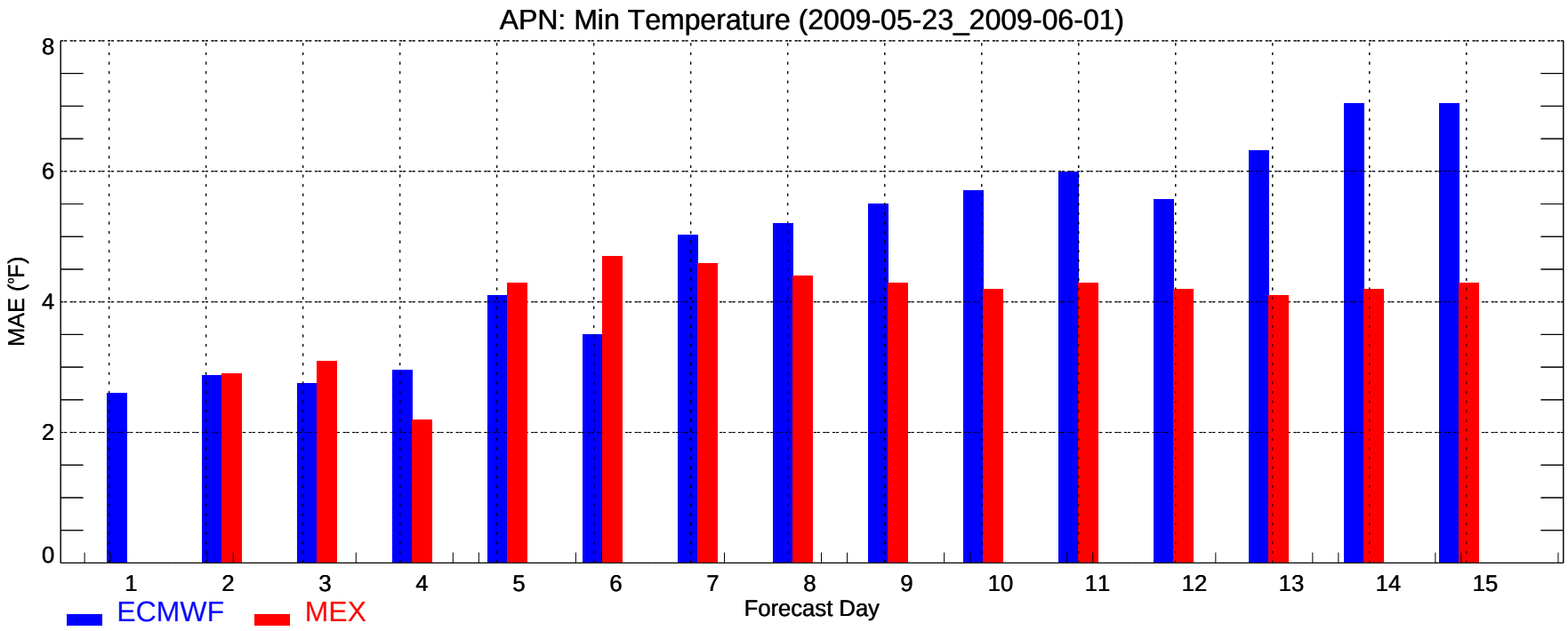

AOO: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

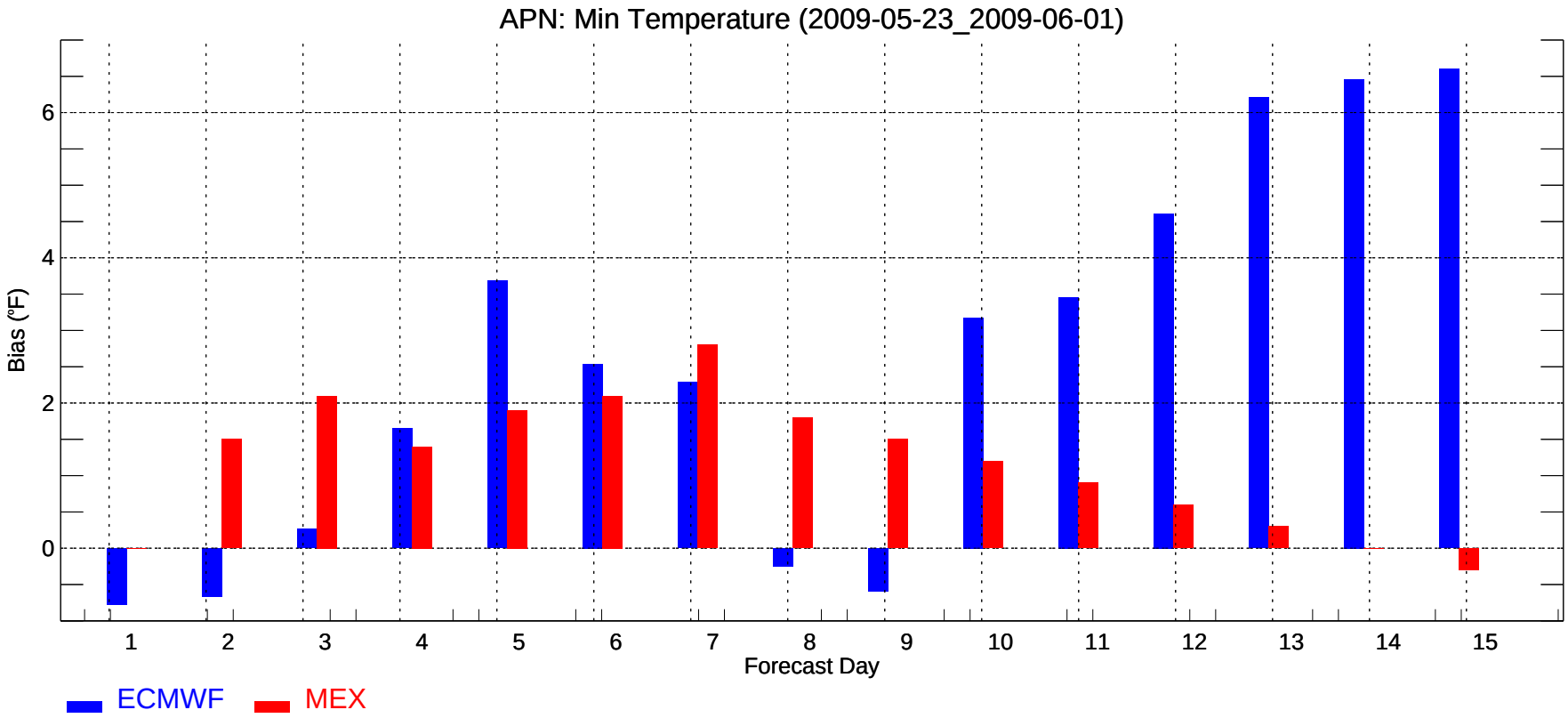

AOO: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

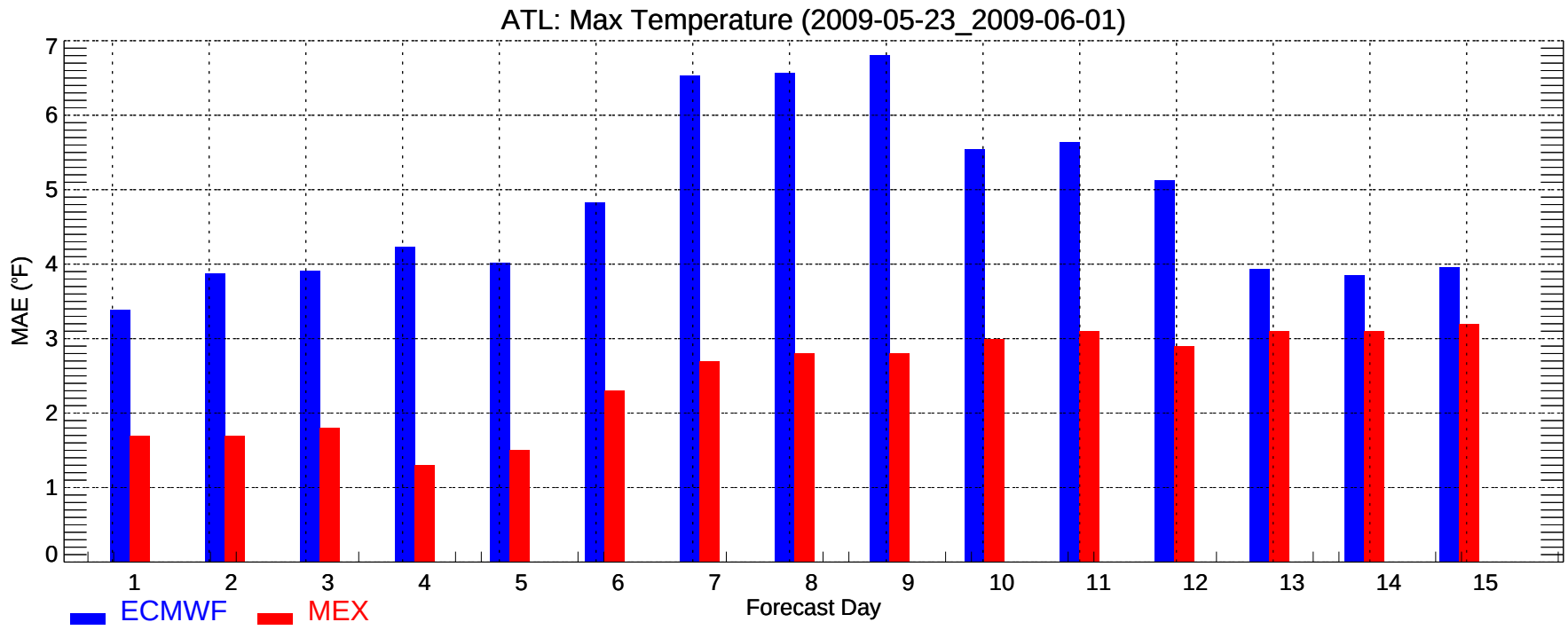

AOO: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

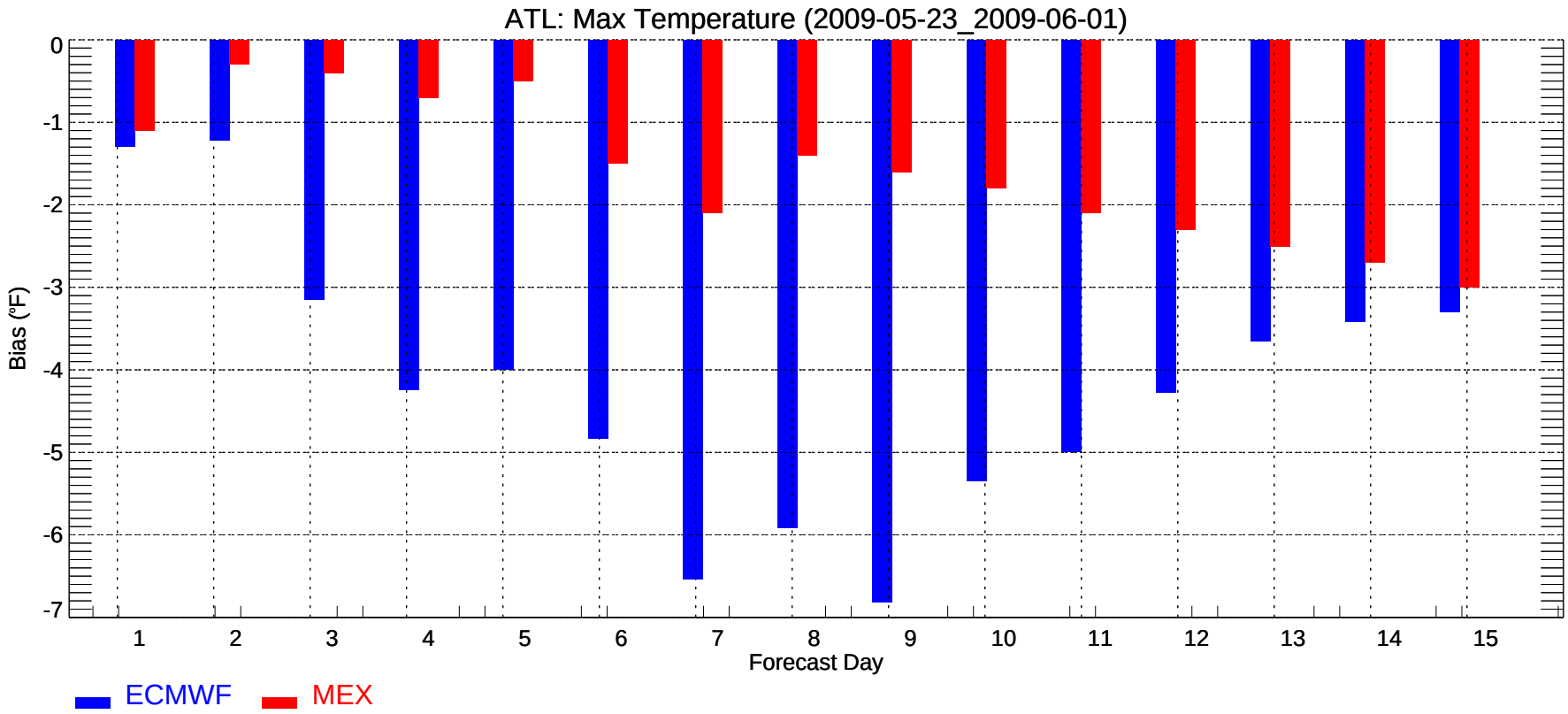

APN: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


APN: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


APN: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


APN: Min Temperature (2009-05-23_2009-06-01)
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


ATL: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ATL: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-1
-2
-3
-4
-5
-6
-7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
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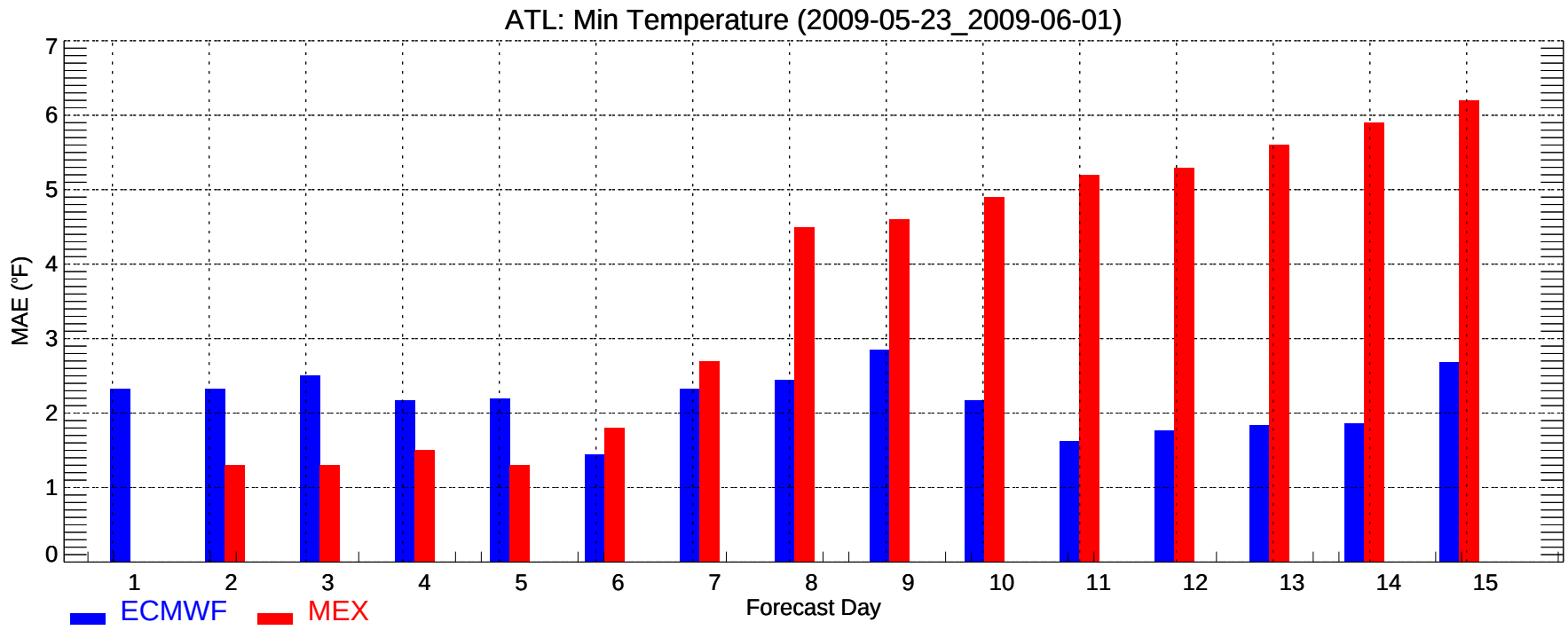
Forecast Day
ECMWF
MEX


ATL: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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5
6
7
8
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10
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12
13
14
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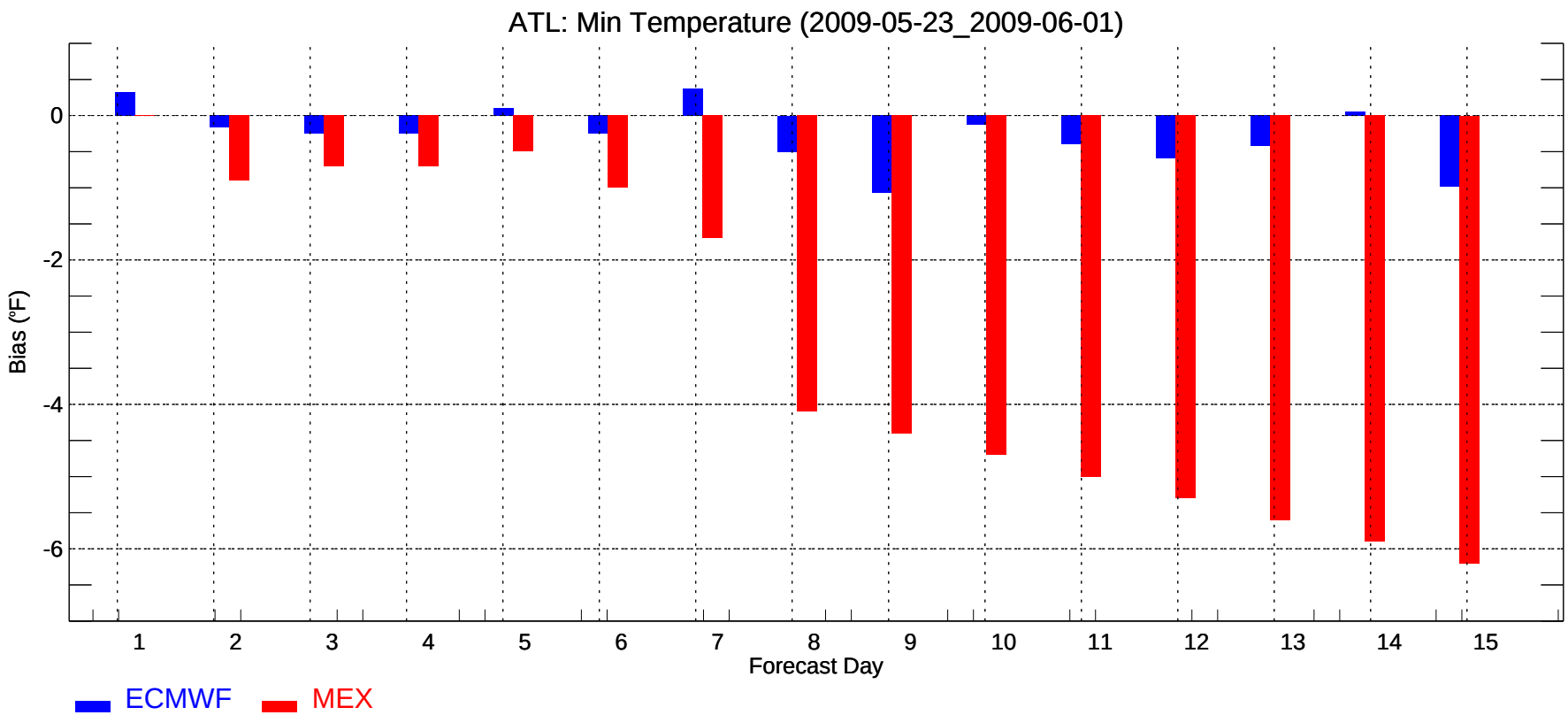
Forecast Day
ECMWF
MEX


ATL: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
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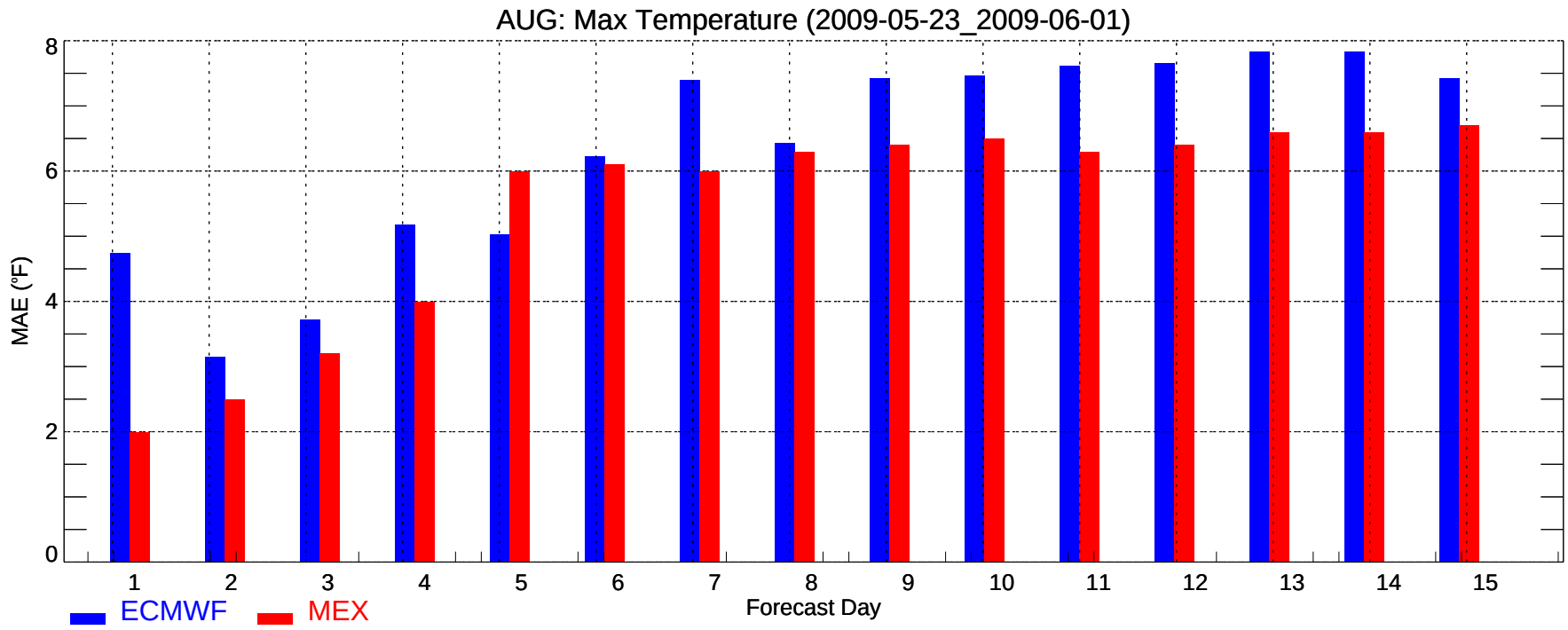
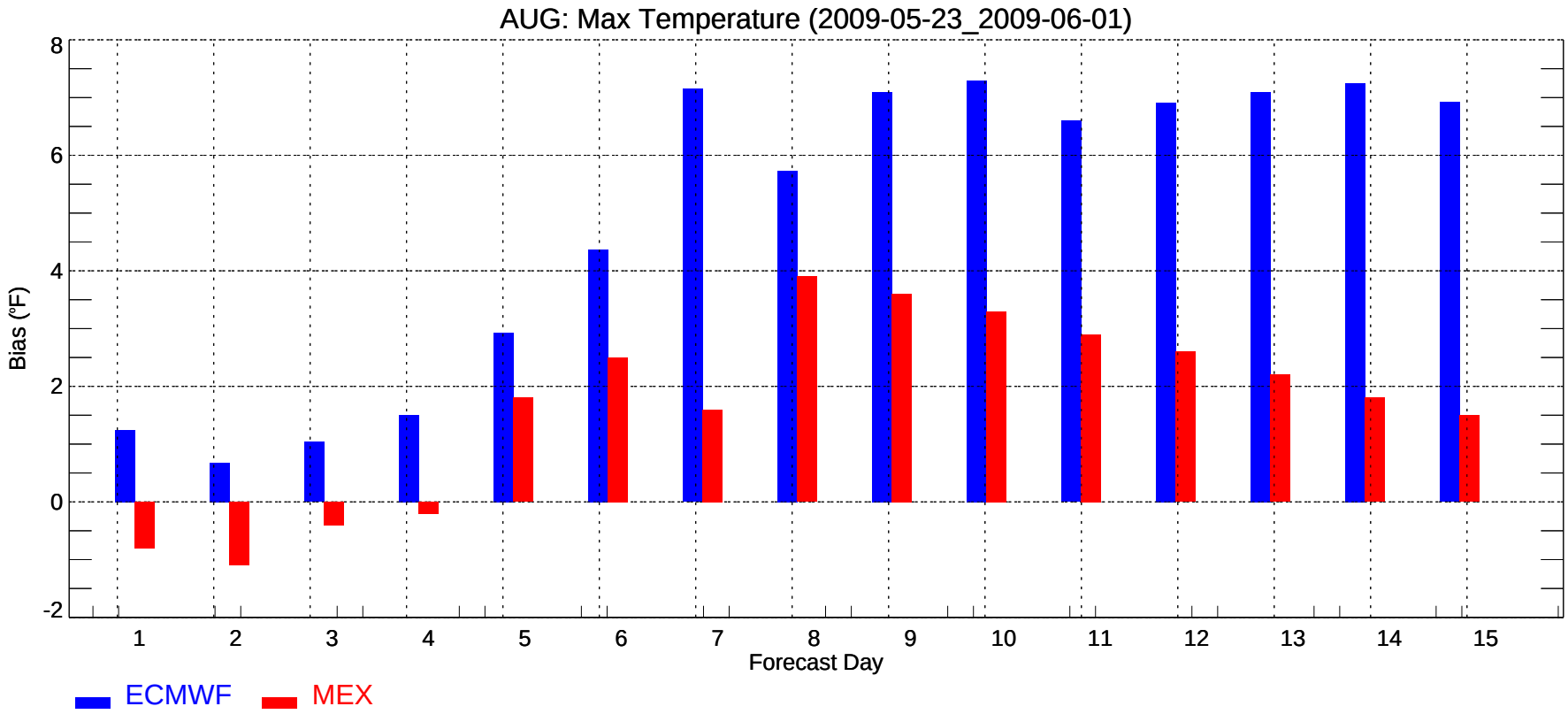
Forecast Day
ECMWF
MEX


AUG: Max Temperature (2009-05-23_2009-06-01)
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 (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
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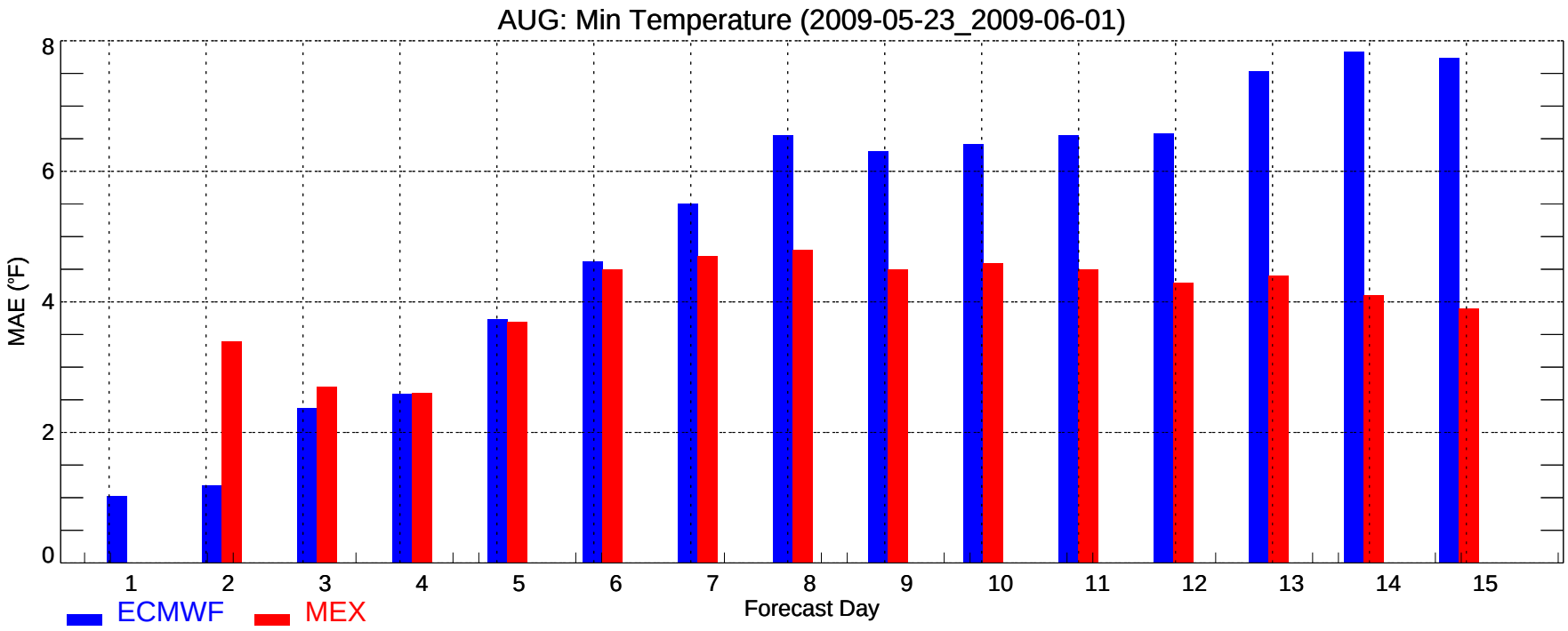
12
13
14
15
Forecast Day
ECMWF
MEX


AUG: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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14
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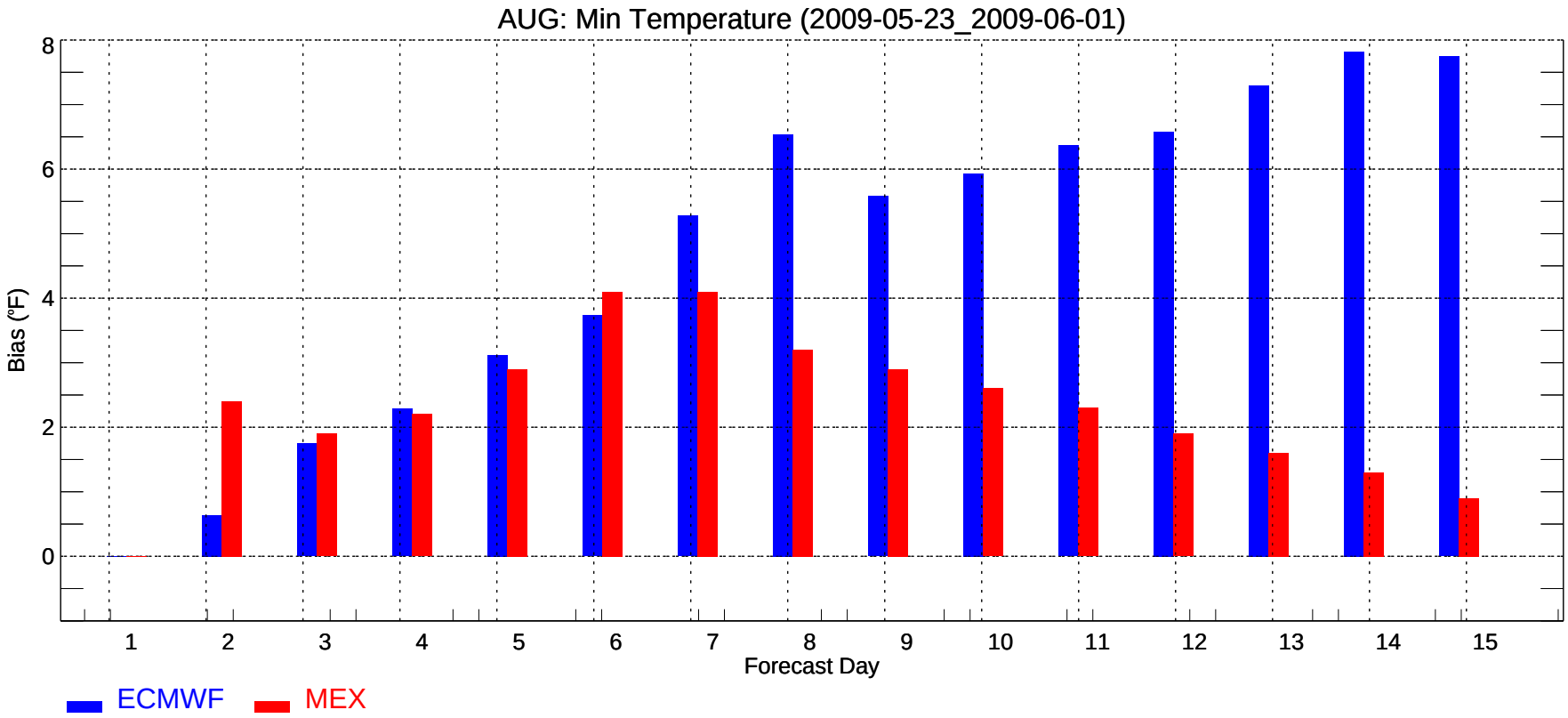
Forecast Day
ECMWF
MEX


AUG: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
1
2
3
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5
6
7
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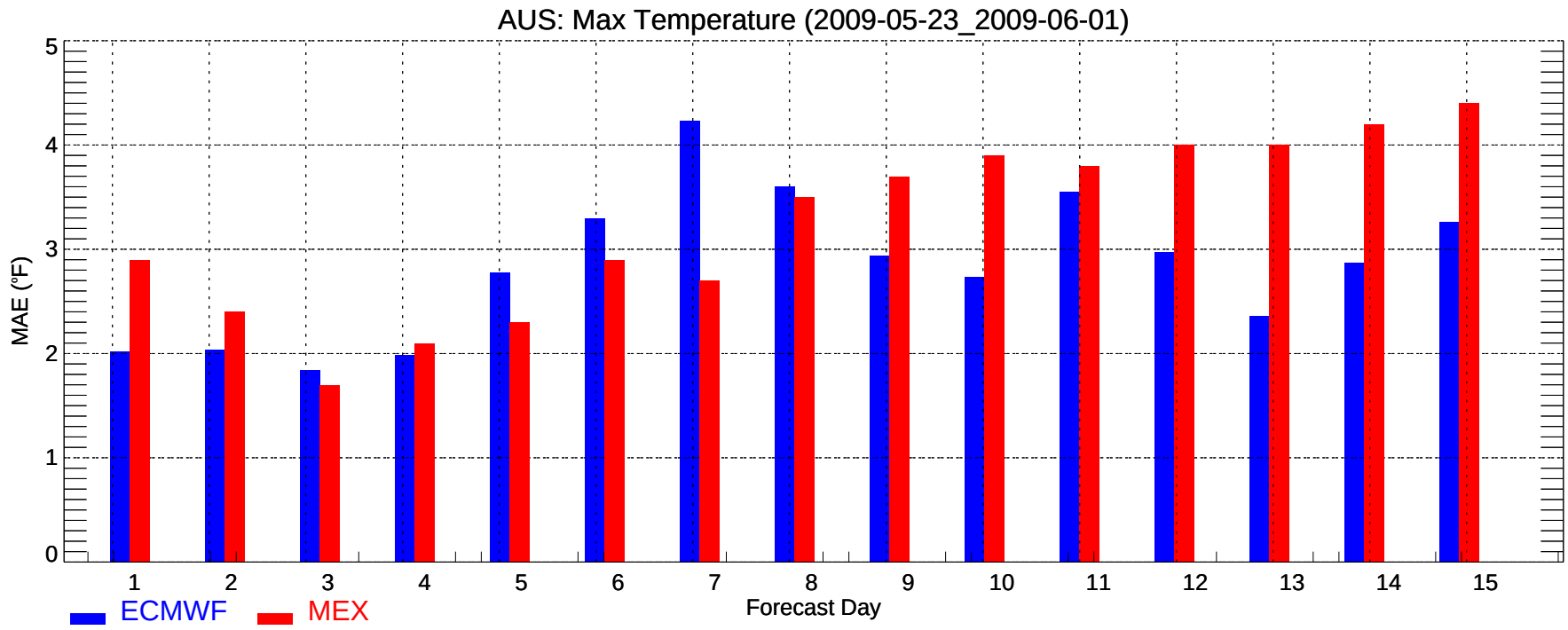
Forecast Day
ECMWF
MEX


AUS: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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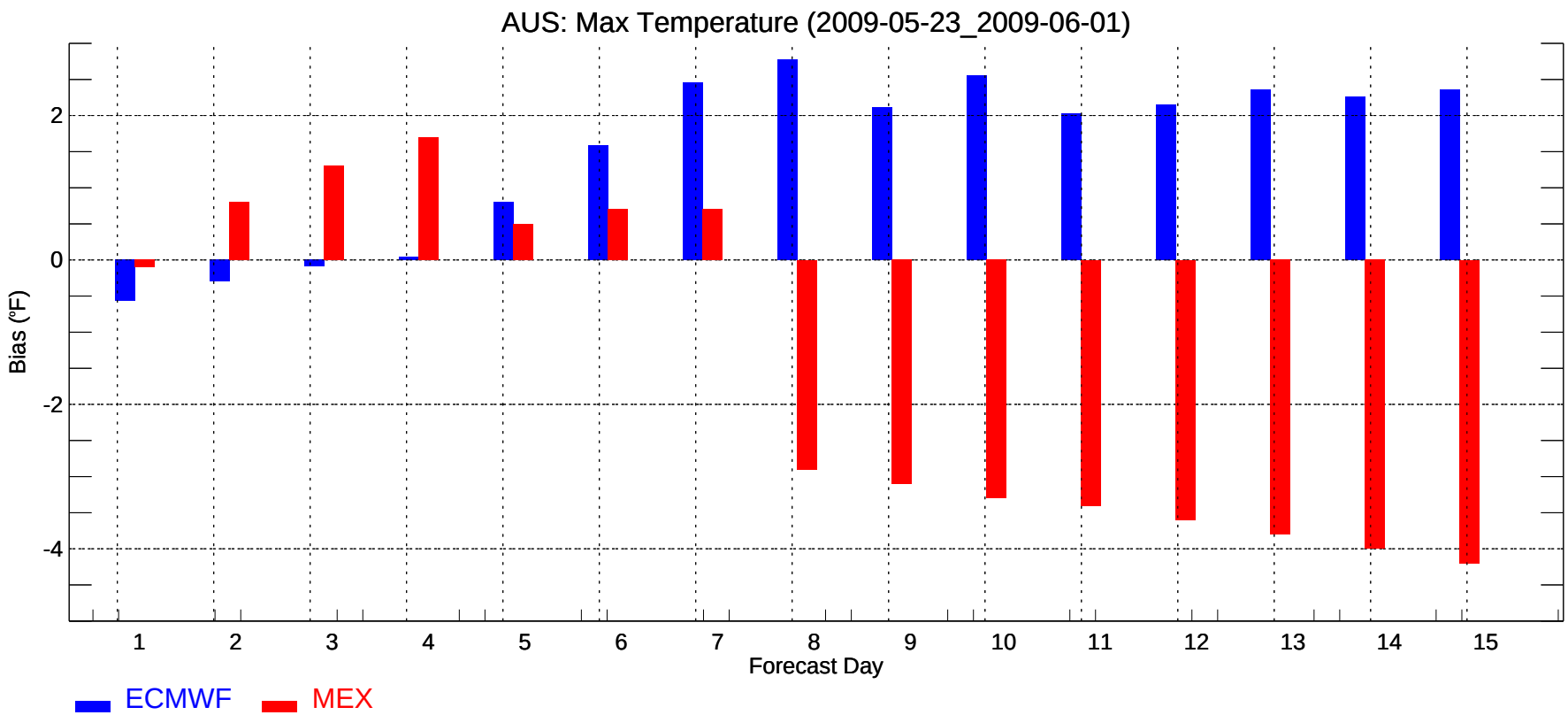
13
14
15
Forecast Day
ECMWF
MEX


AUS: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
1
2
3
4
5
6
7
8
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10
11
12
13
14
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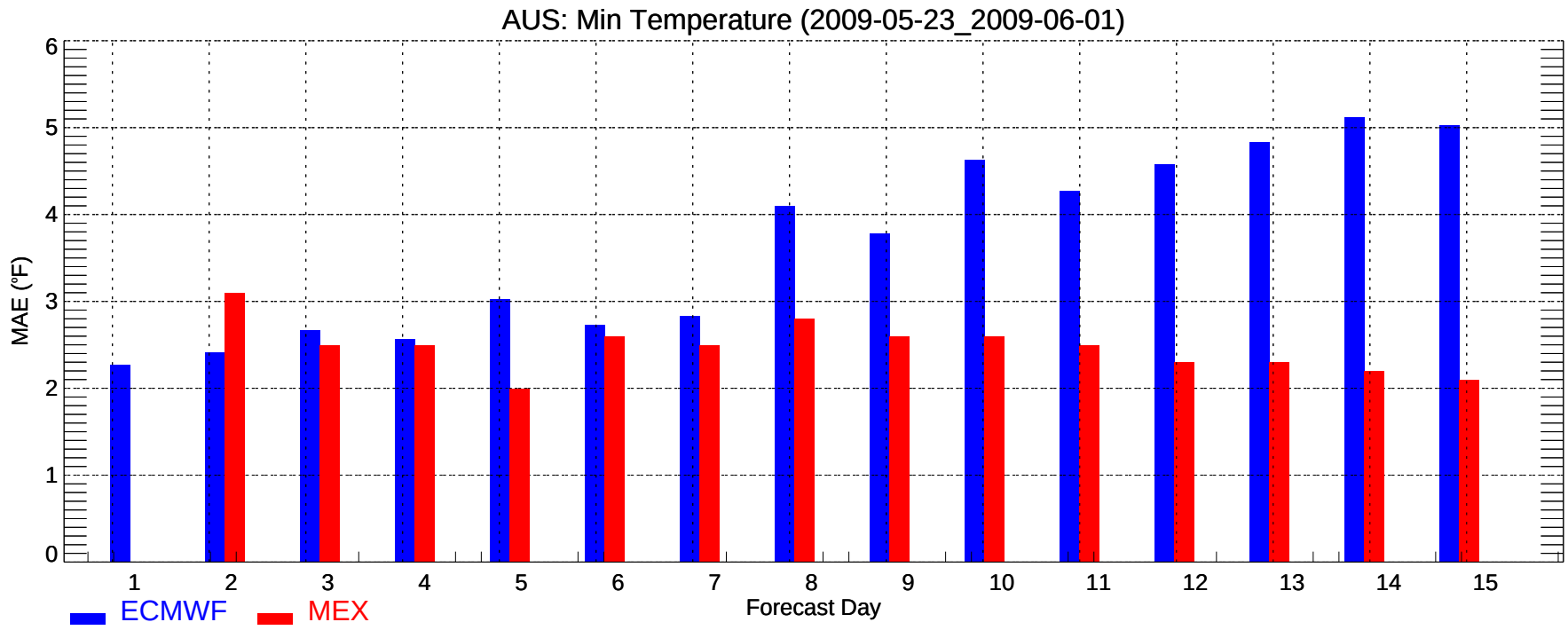
Forecast Day
ECMWF
MEX


AUS: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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10
11
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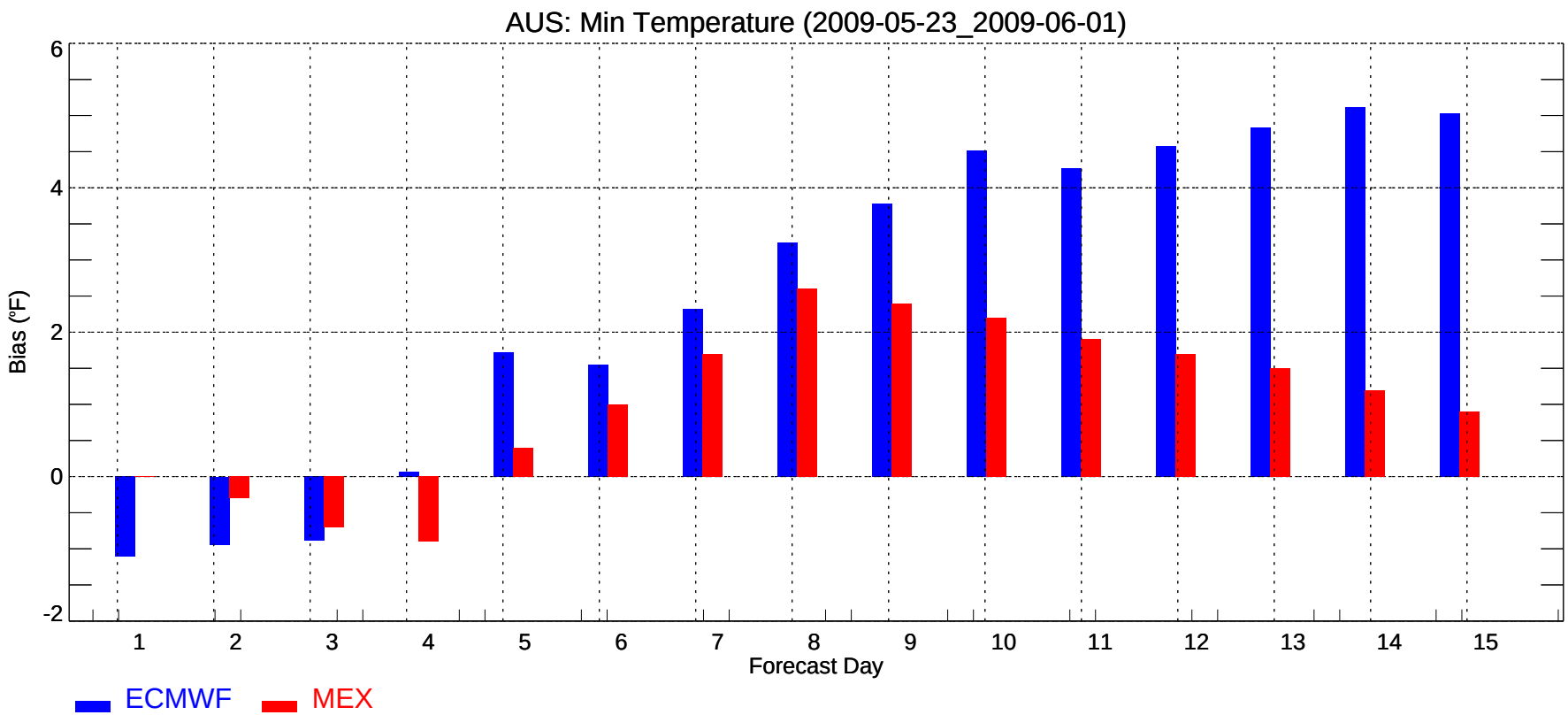
13
14
15
Forecast Day
ECMWF
MEX


AUS: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
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11
12
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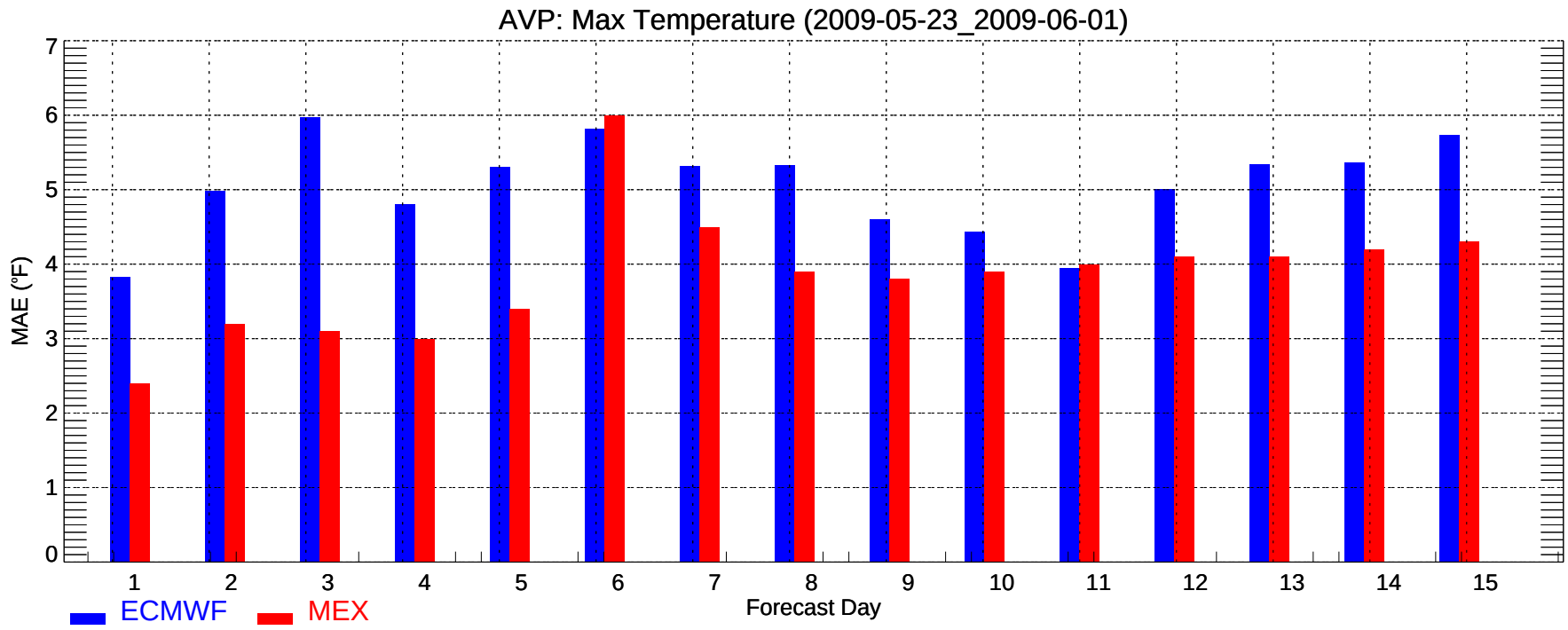
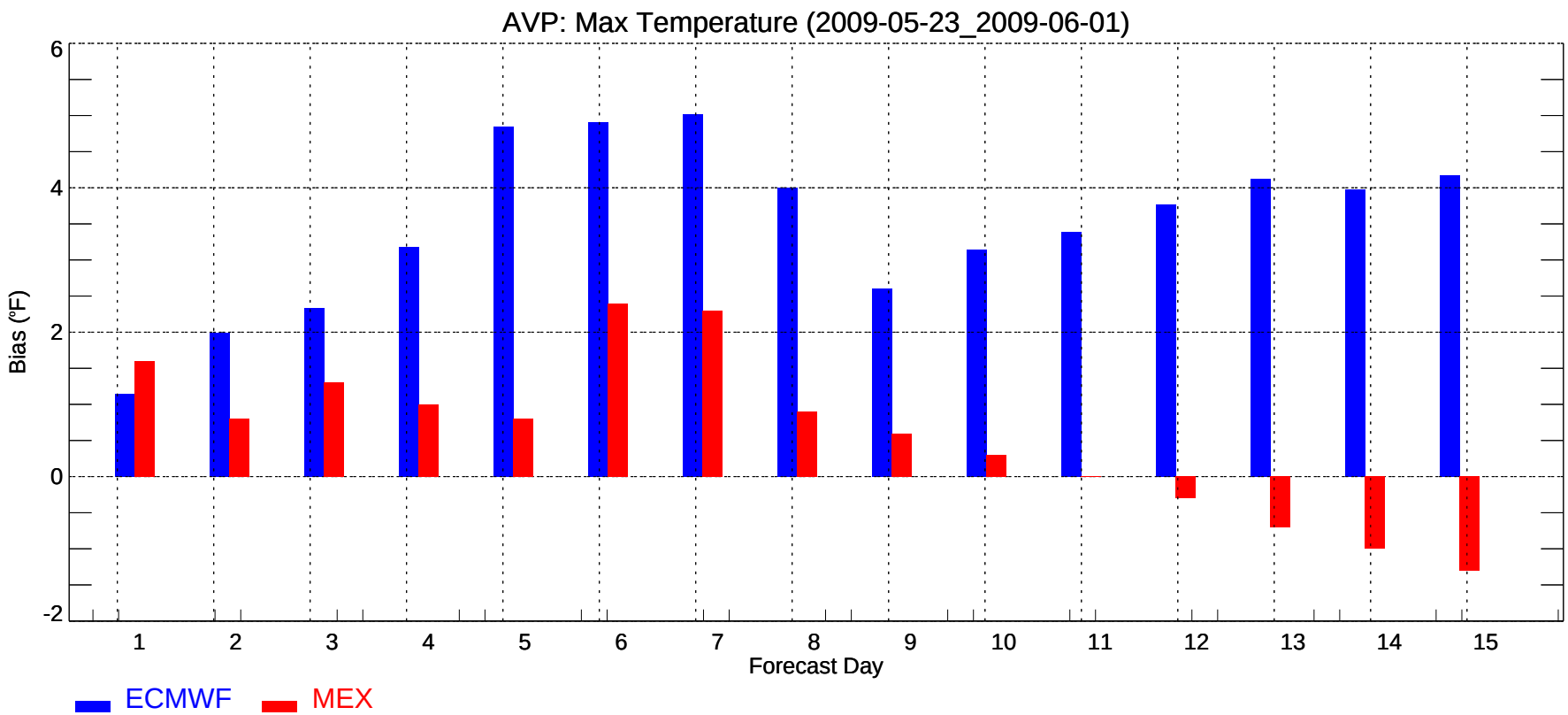
Forecast Day
ECMWF
MEX


AVP: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AVP: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
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7
8
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11
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13
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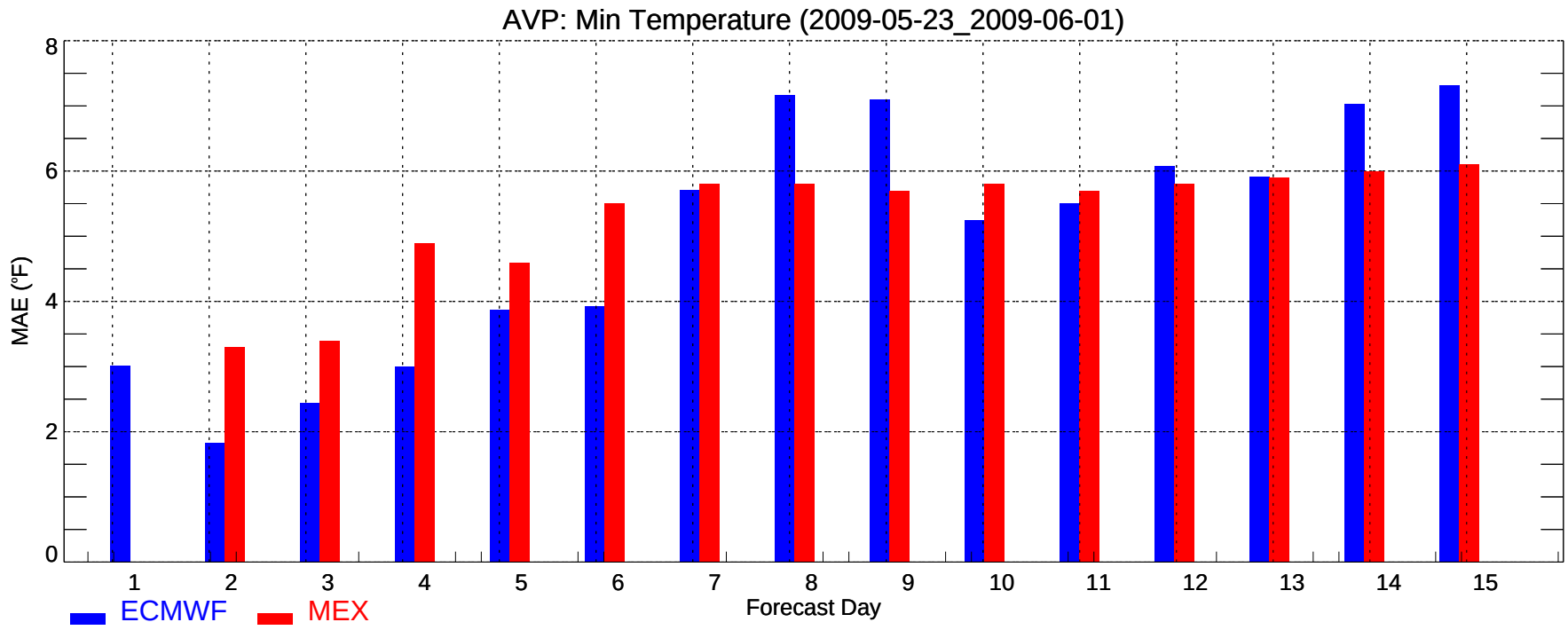
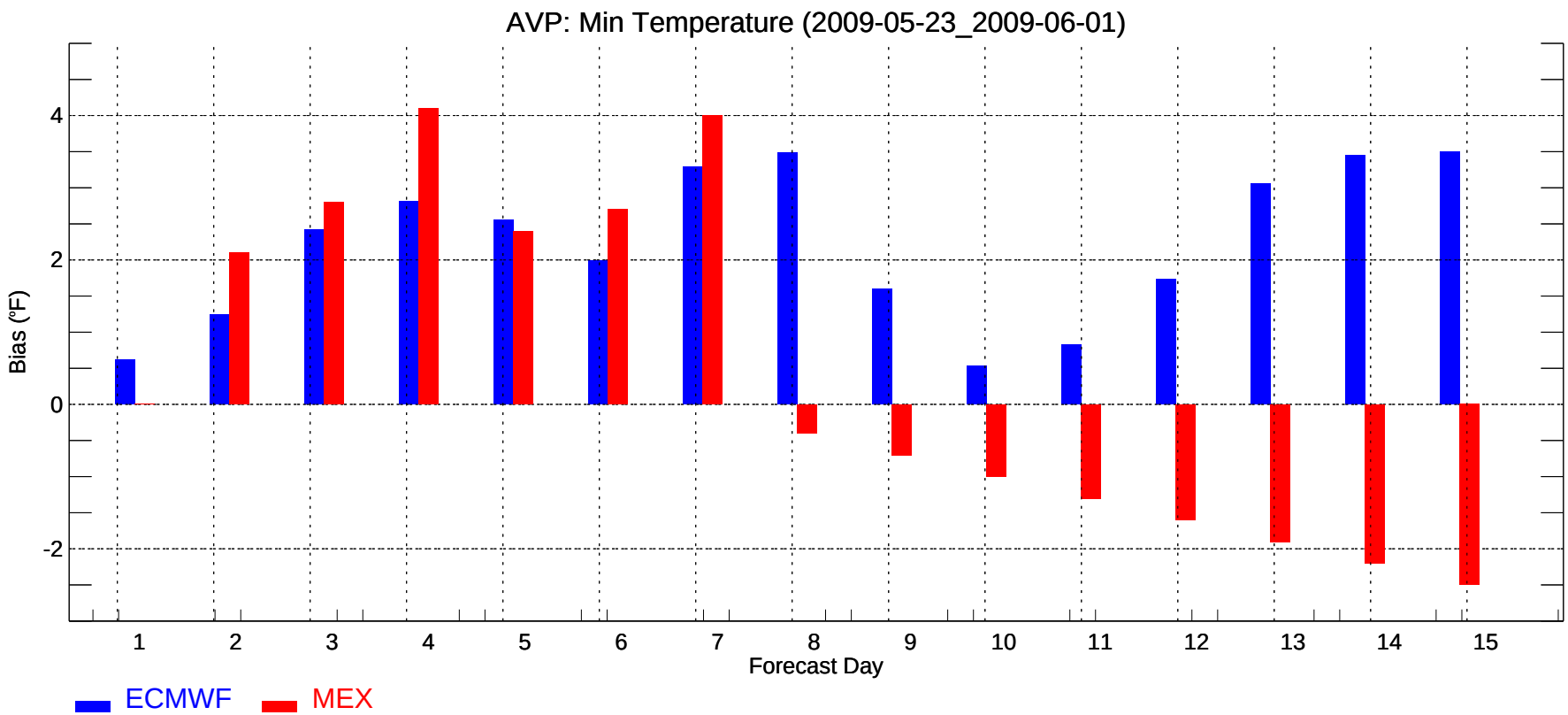
15
Forecast Day
ECMWF
MEX


AVP: Min Temperature (2009-05-23_2009-06-01)
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: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
1
2
3
4
5
6
7
8
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10
11
12
13
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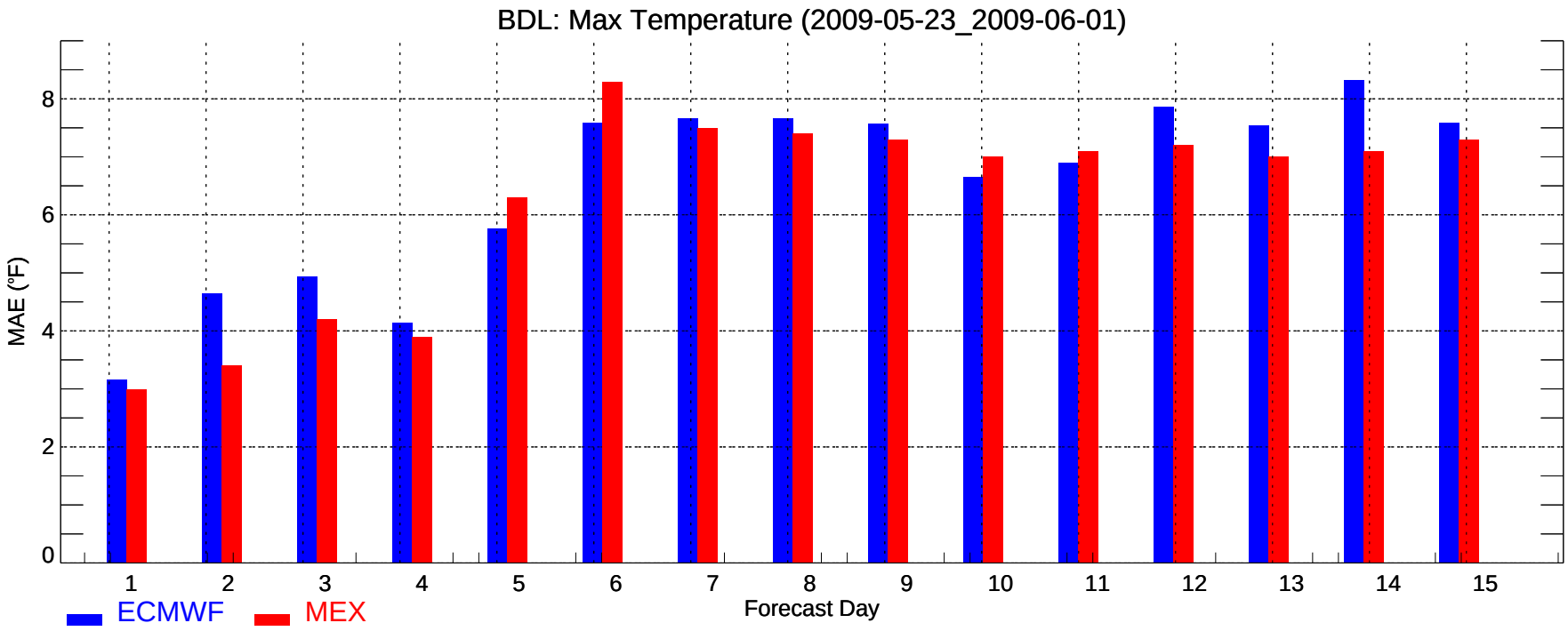
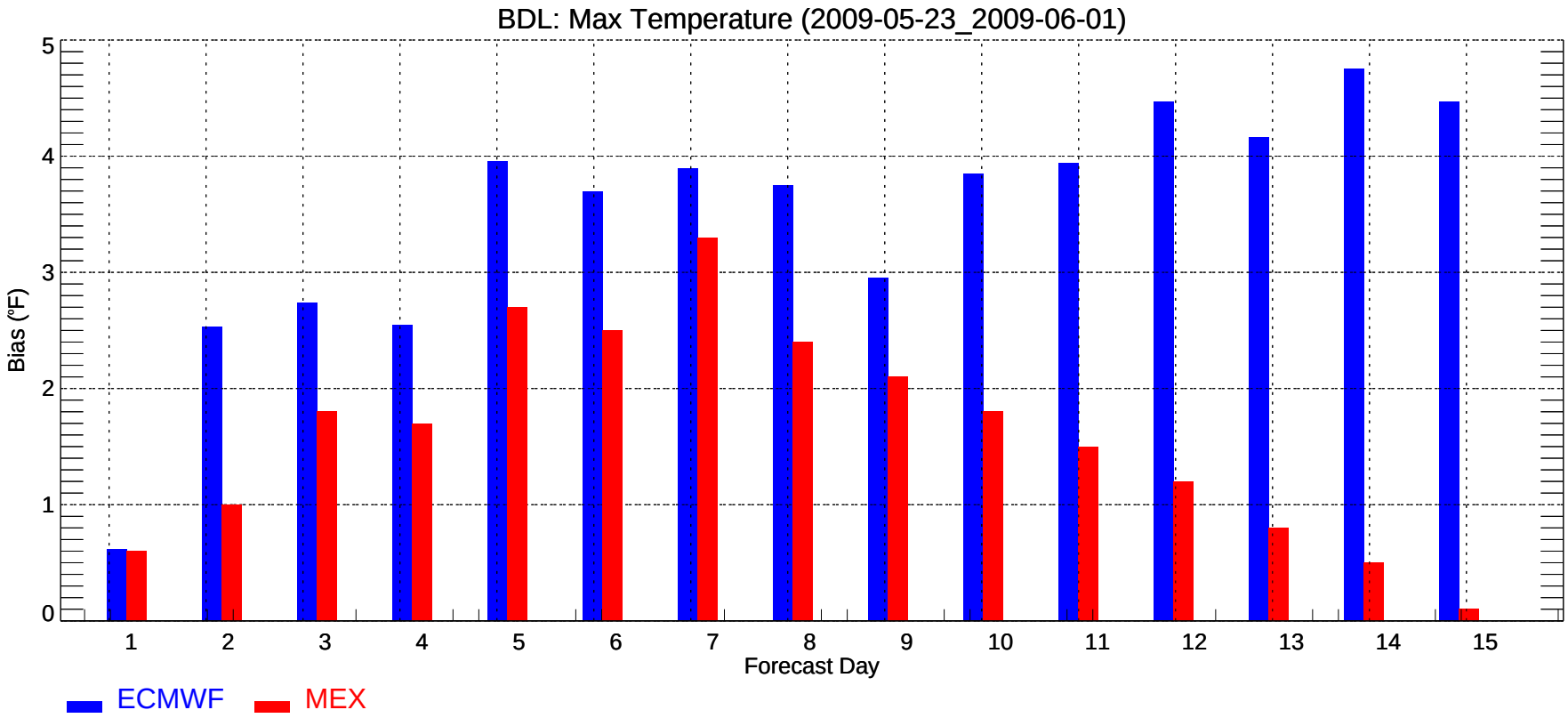
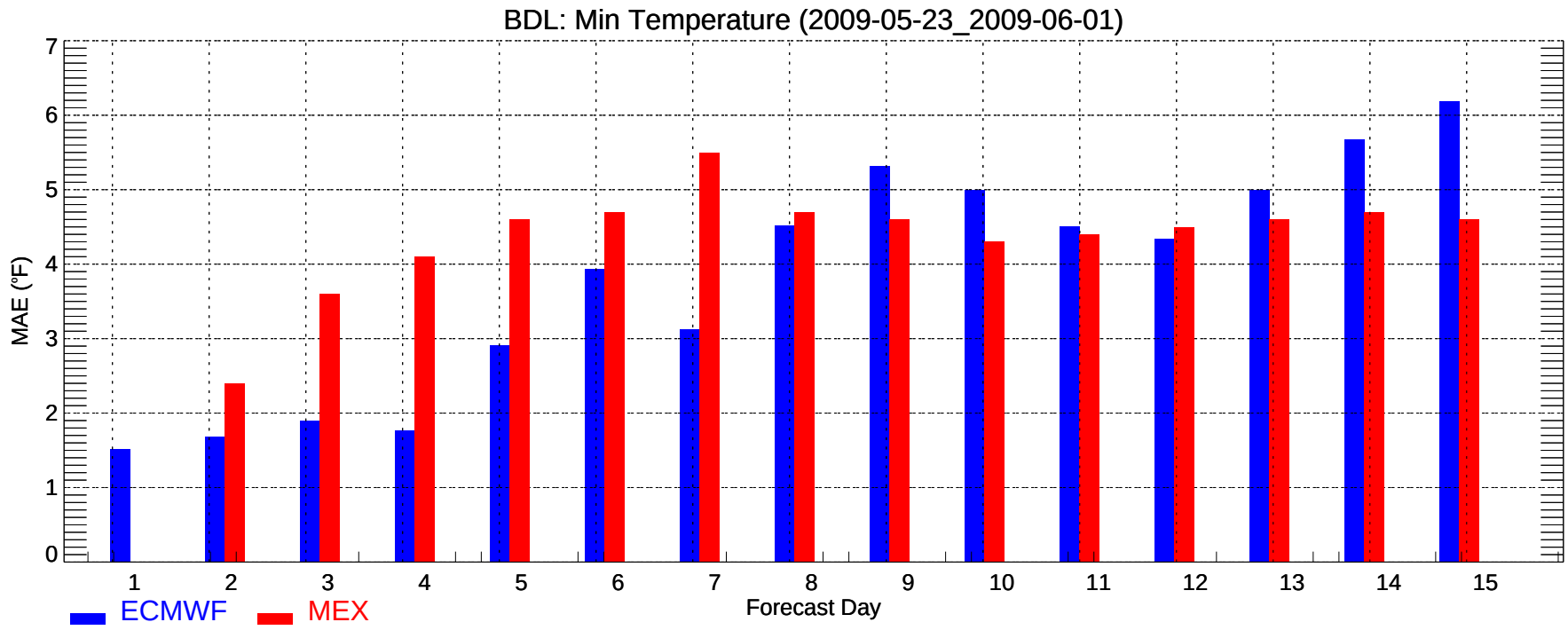
Forecast Day
ECMWF
MEX


BDL: Max Temperature (2009-05-23_2009-06-01)
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 (2009-05-23_2009-06-01)
Bias (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BDL: Min Temperature (2009-05-23_2009-06-01)
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
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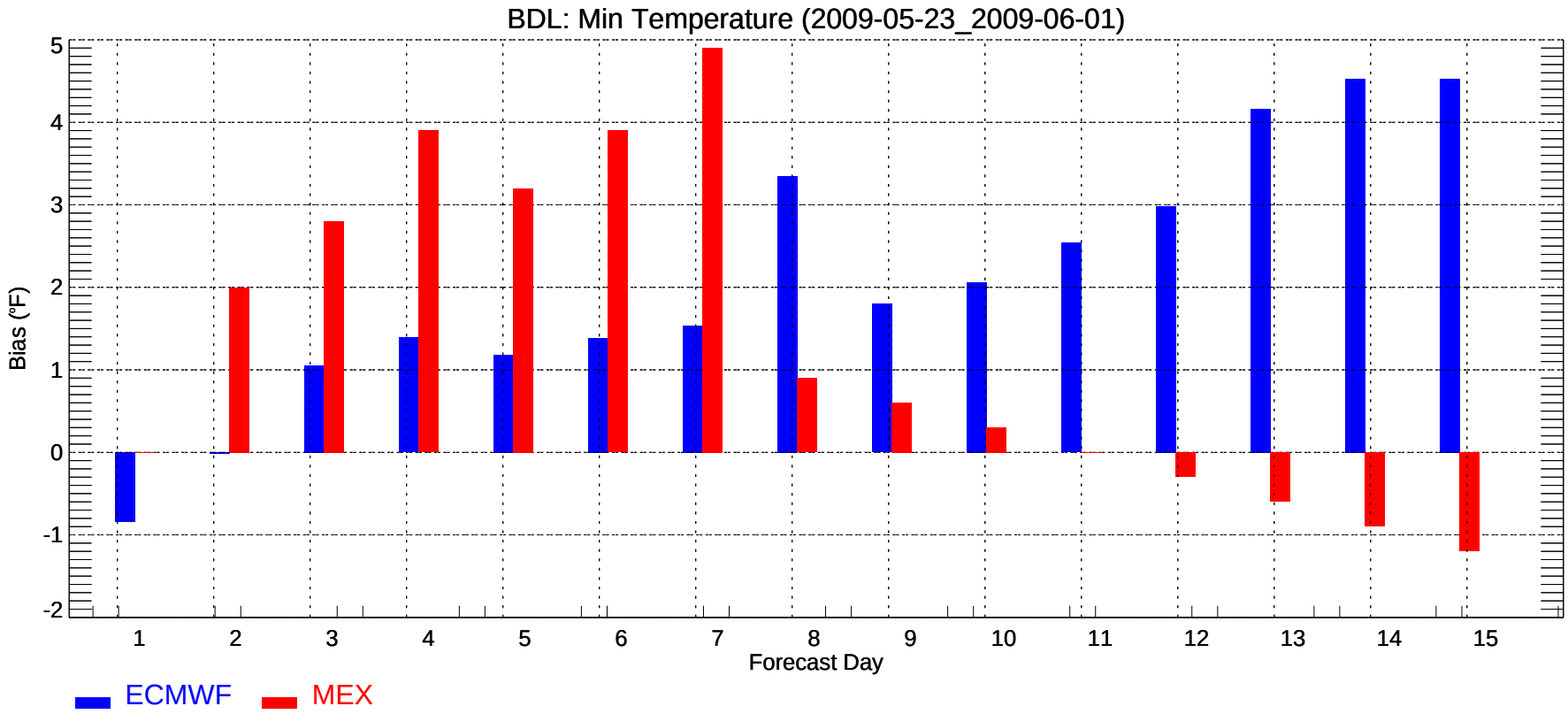
Forecast Day
ECMWF
MEX


BDL: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
-1
0
1
2
3
4
5
1
2
3
4
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6
7
8
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10
11
12
13
14
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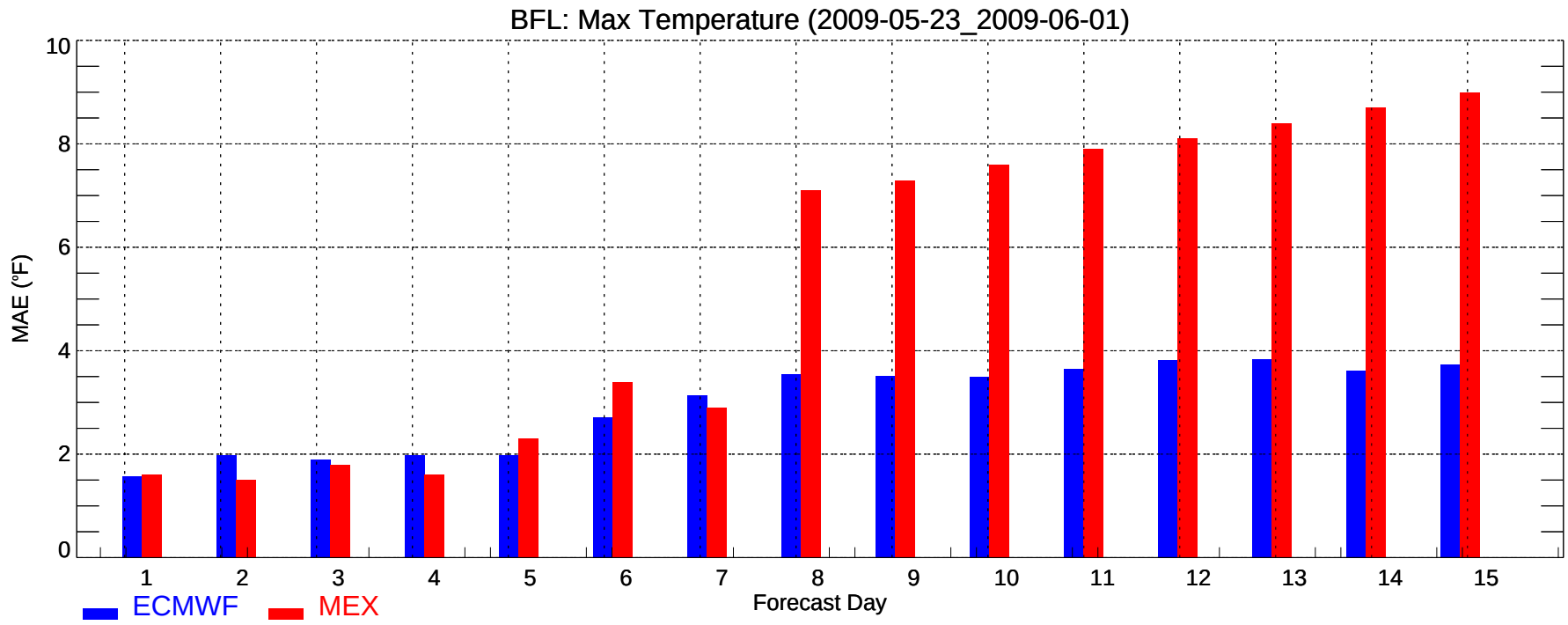
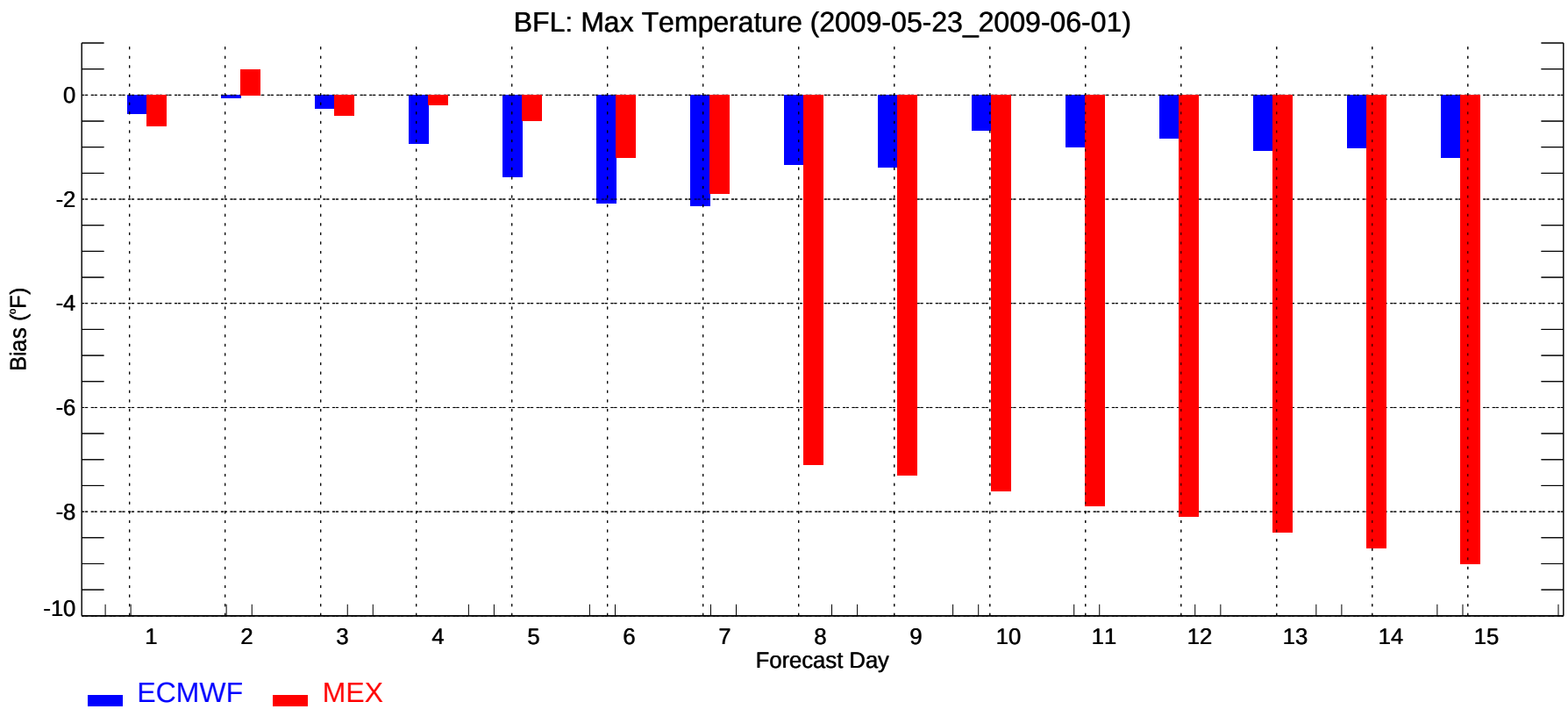
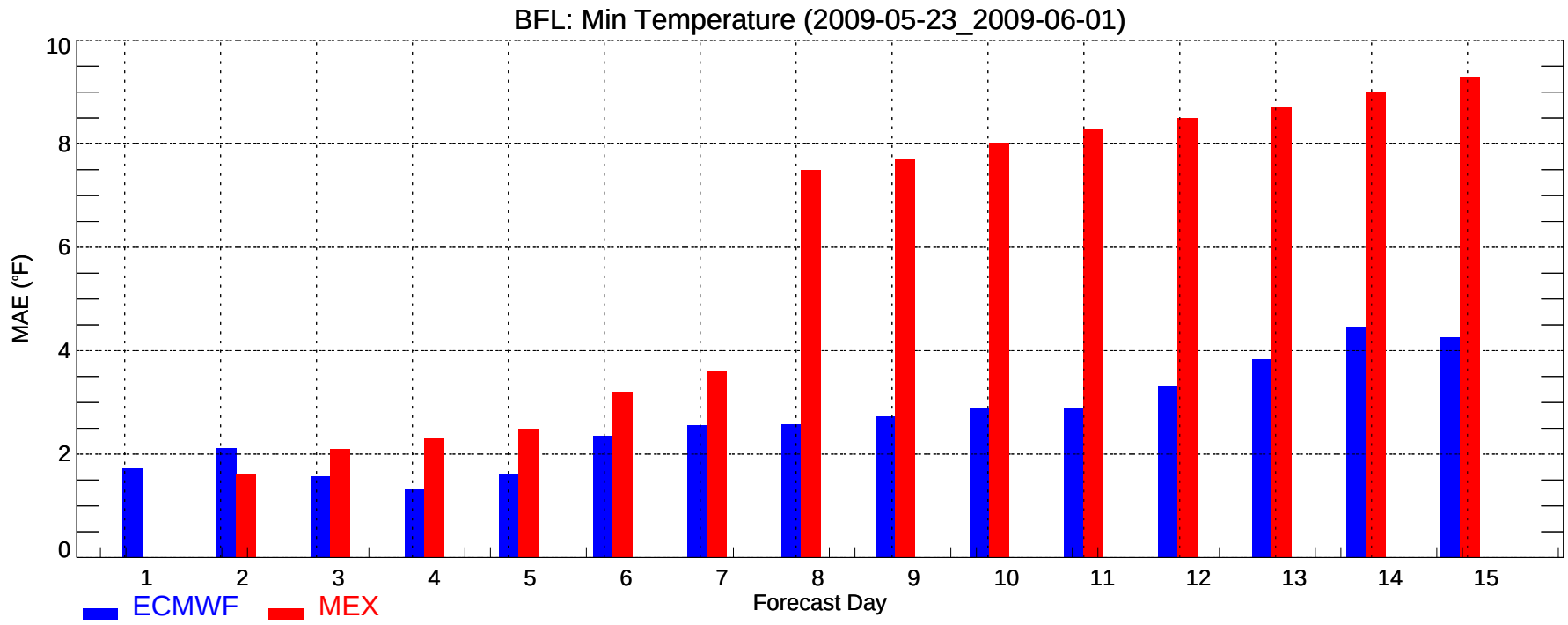
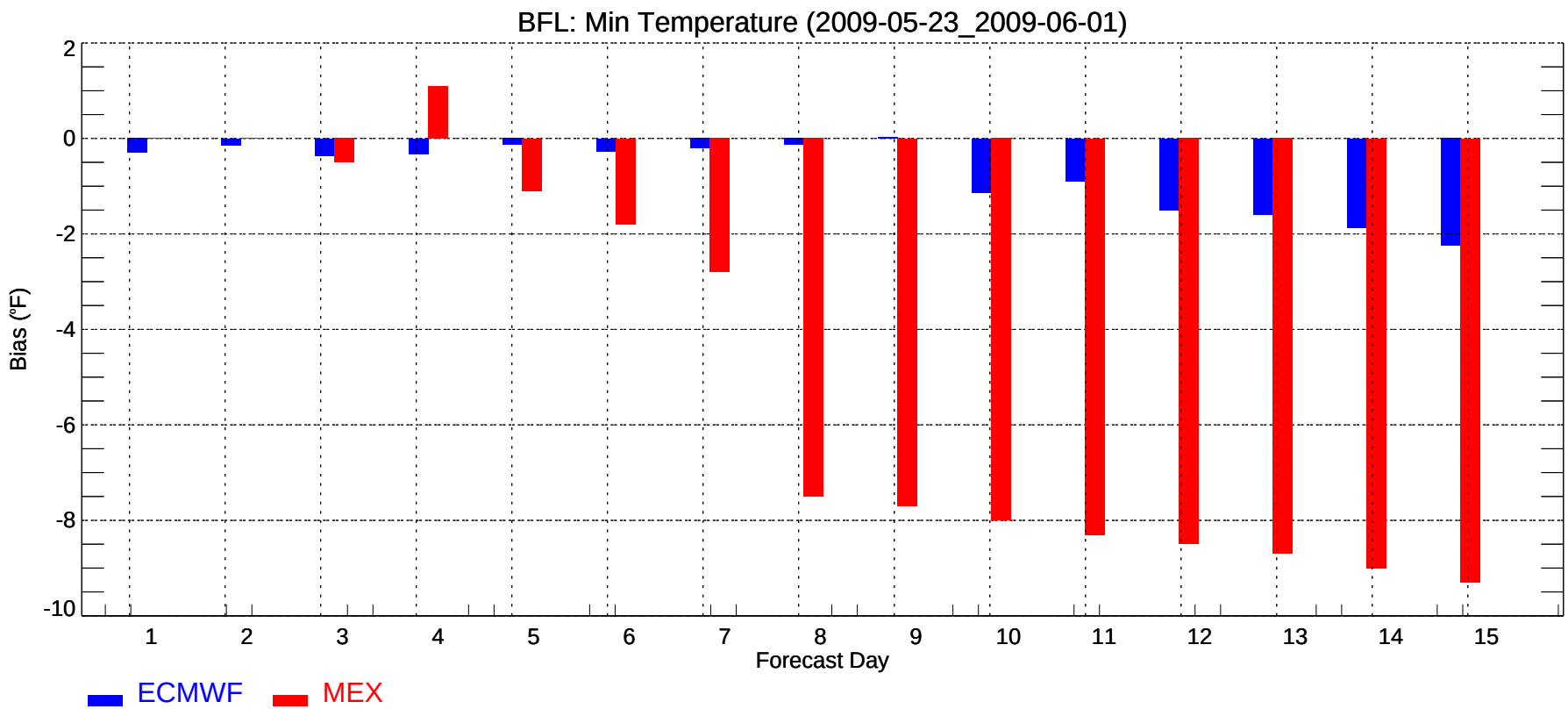
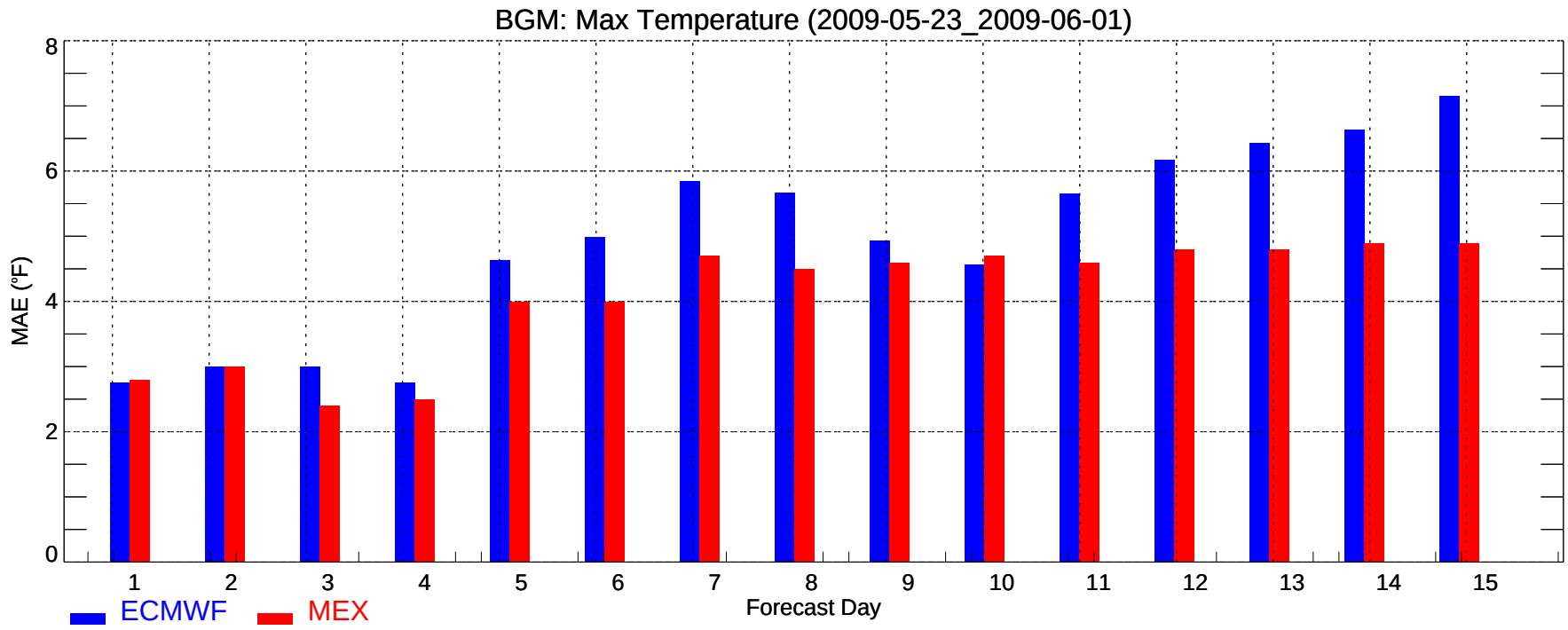
Forecast Day
ECMWF
MEX

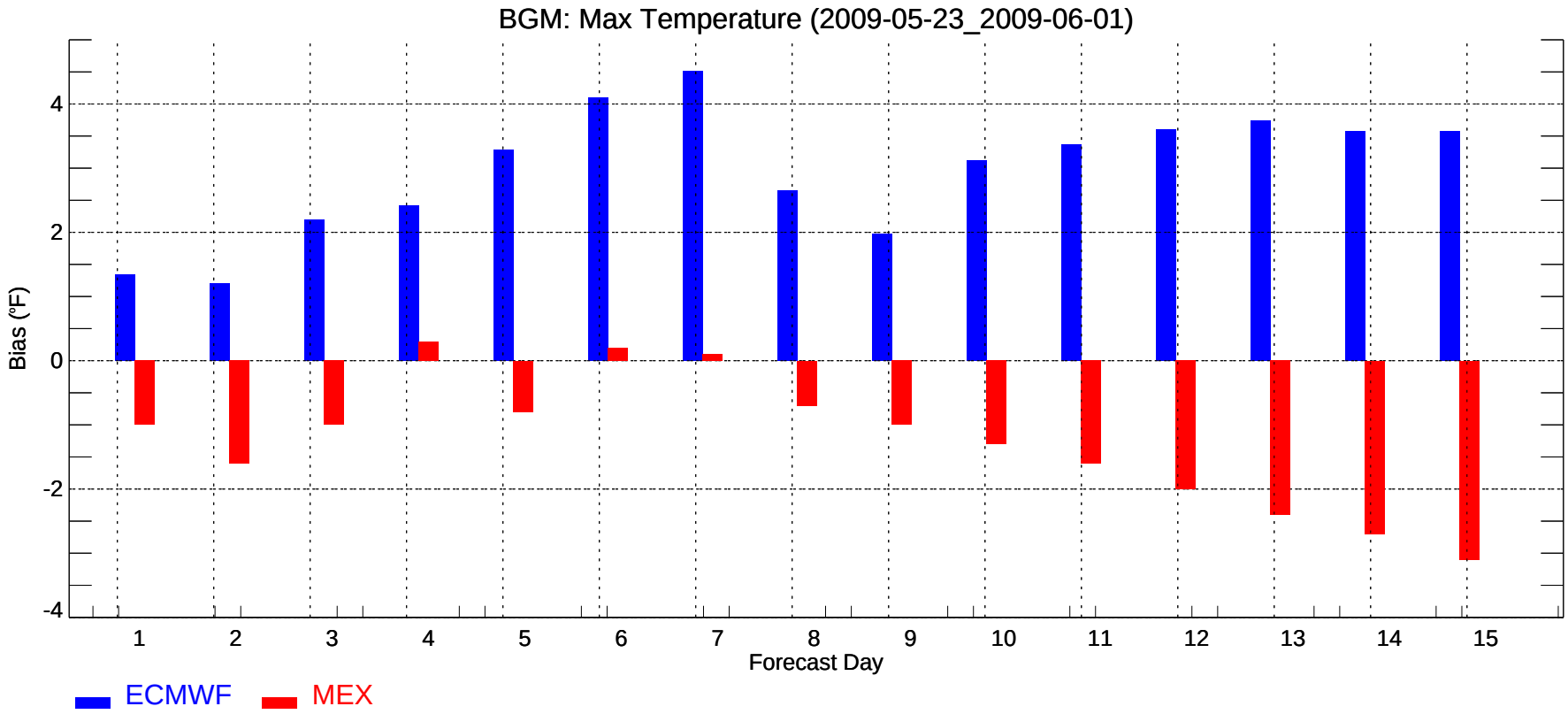

BFL: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

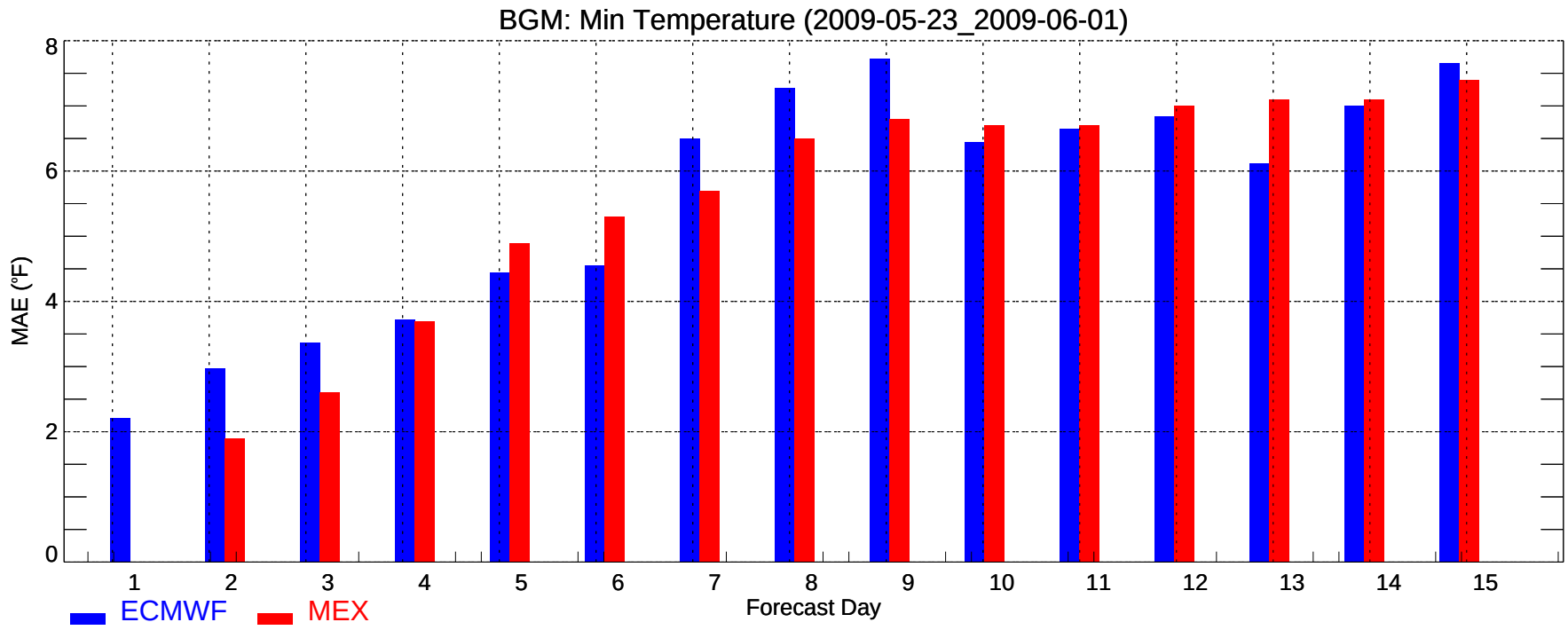

BFL: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

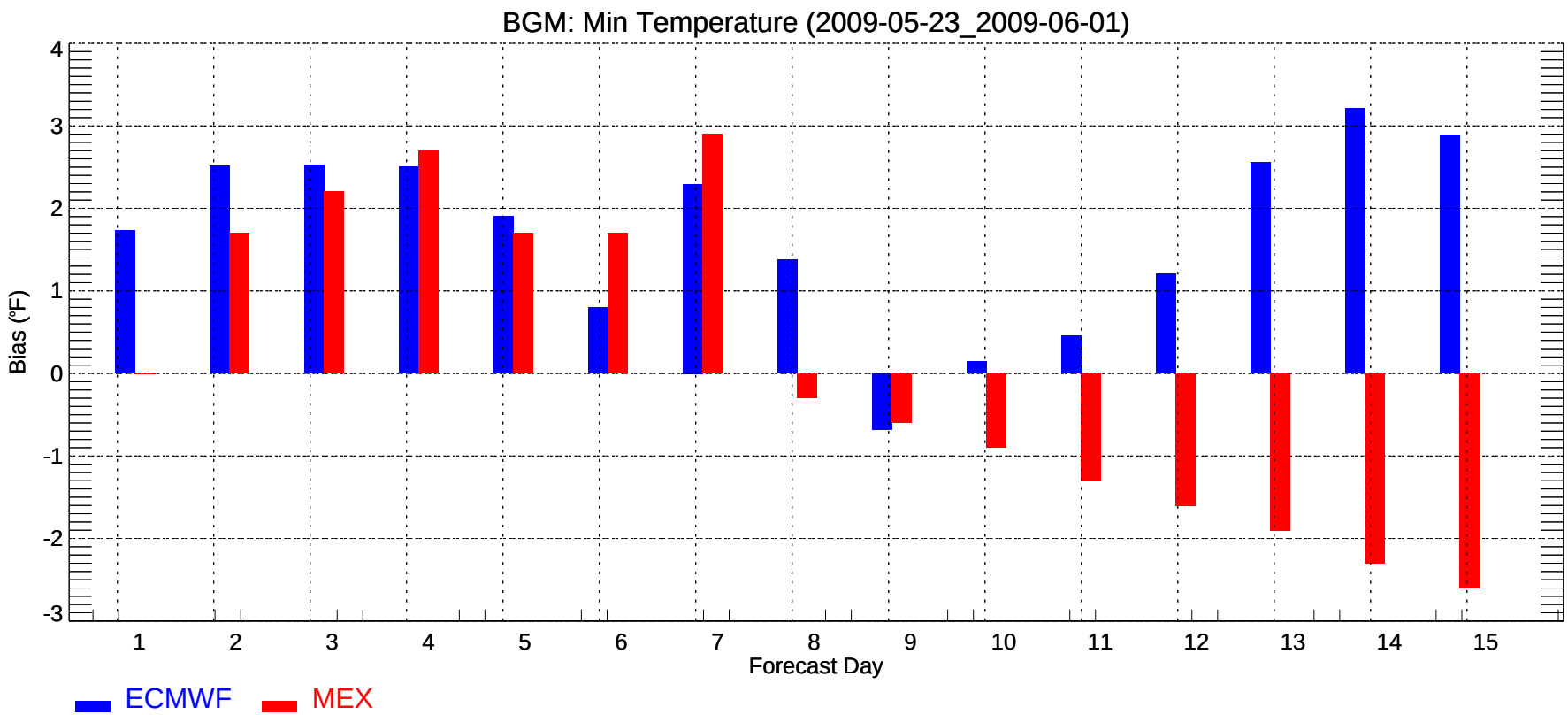

BFL: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BFL: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BGM: Max Temperature (2009-05-23_2009-06-01)
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 (2009-05-23_2009-06-01)
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


BGM: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BGM: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
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8
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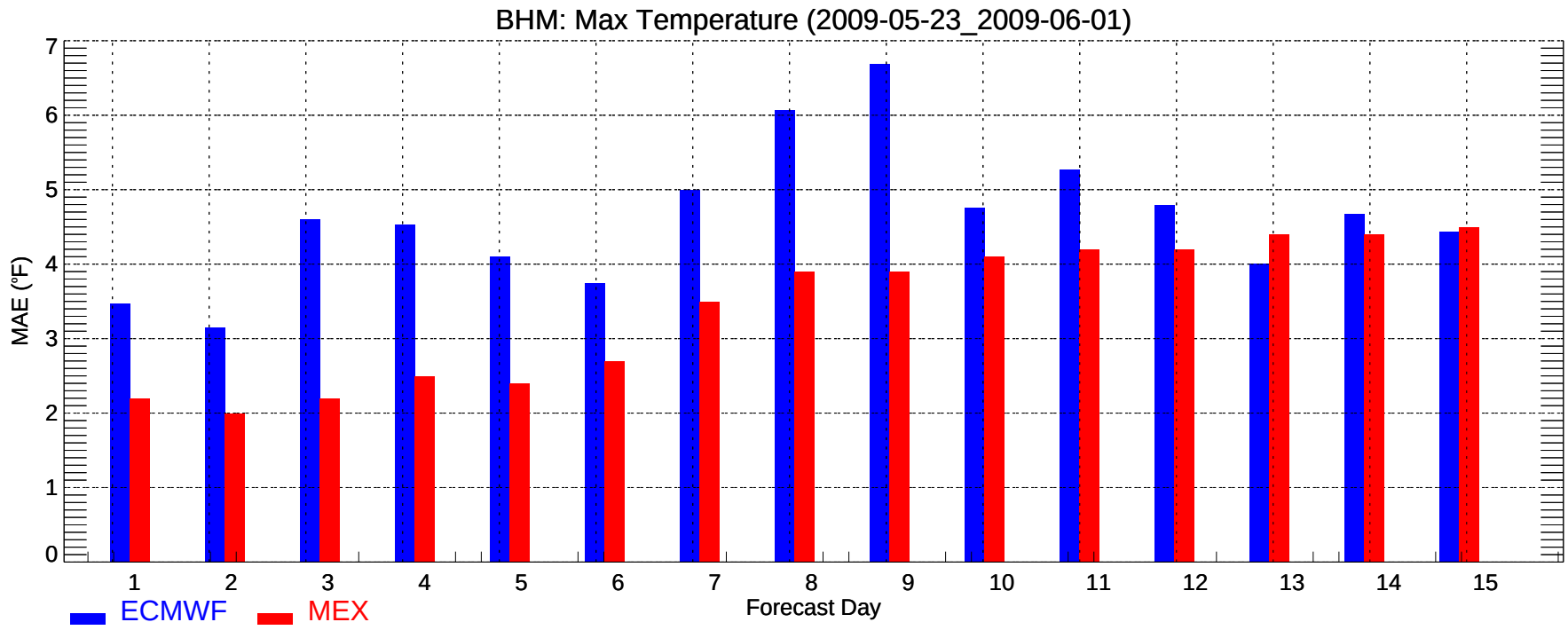
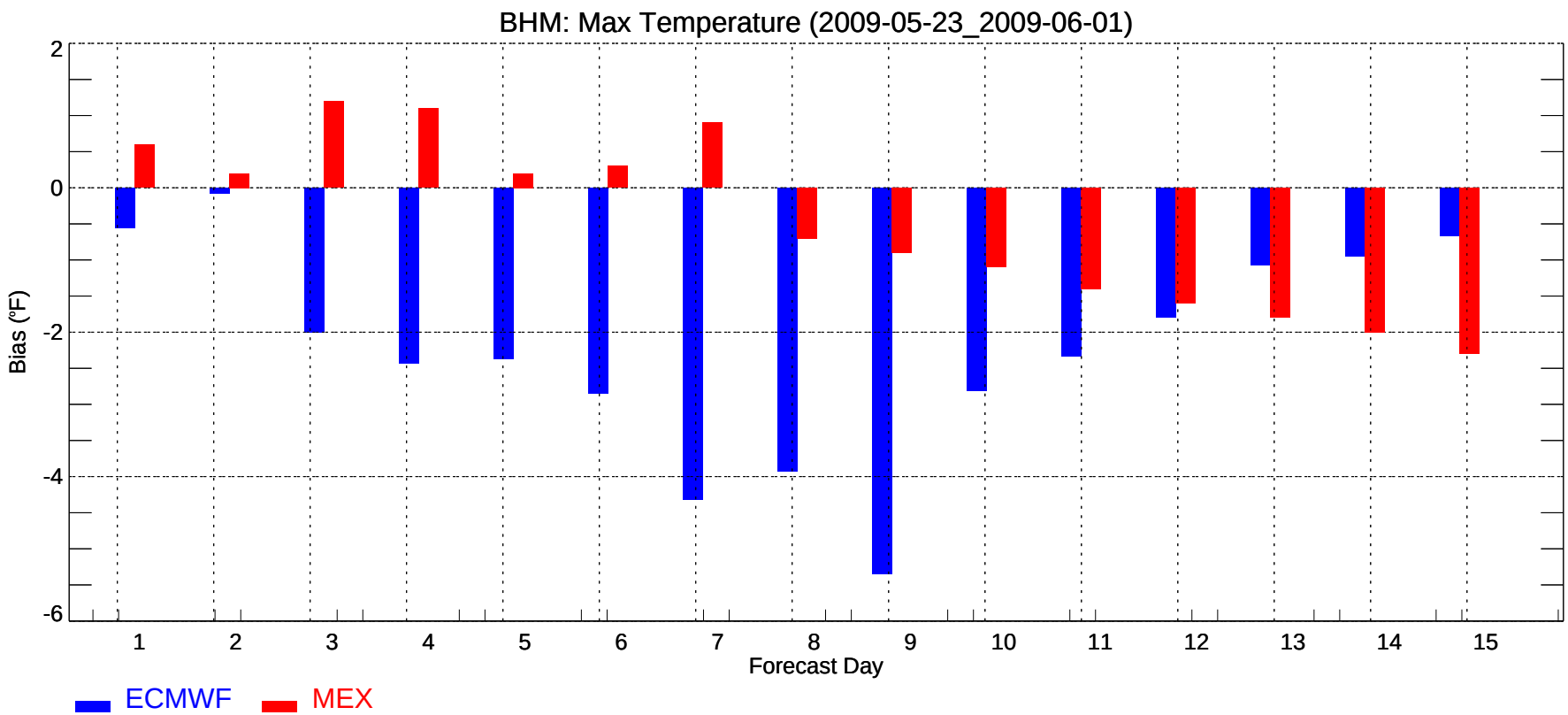
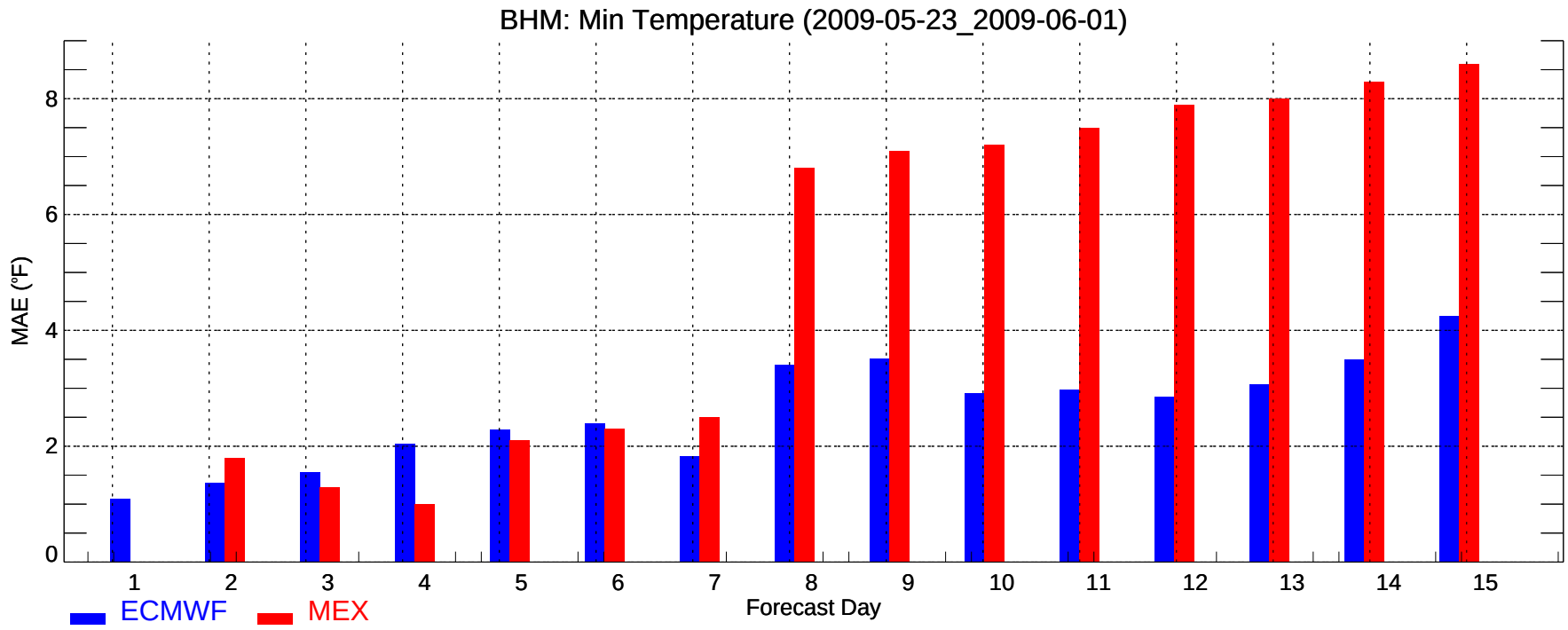
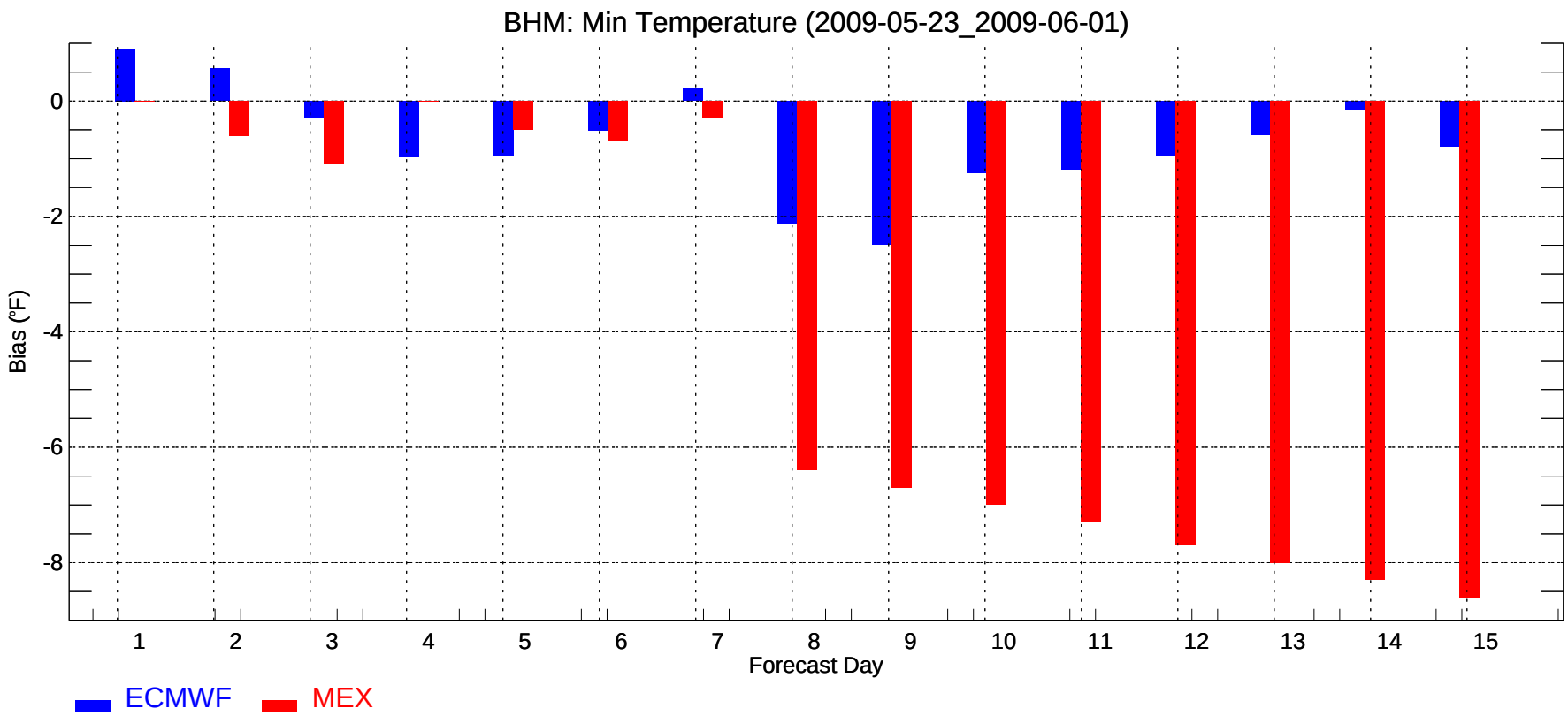
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BHM: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BHM: Max Temperature (2009-05-23_2009-06-01)
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


BHM: Min Temperature (2009-05-23_2009-06-01)
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


BHM: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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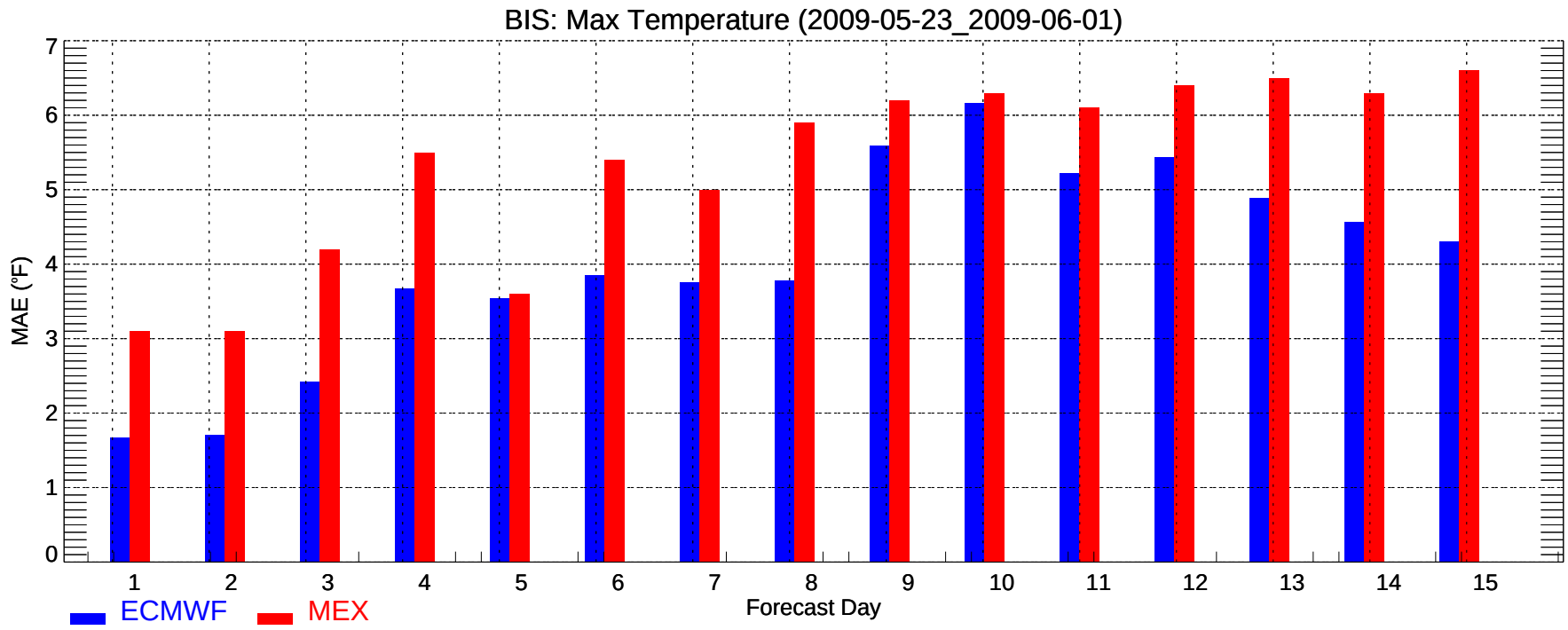
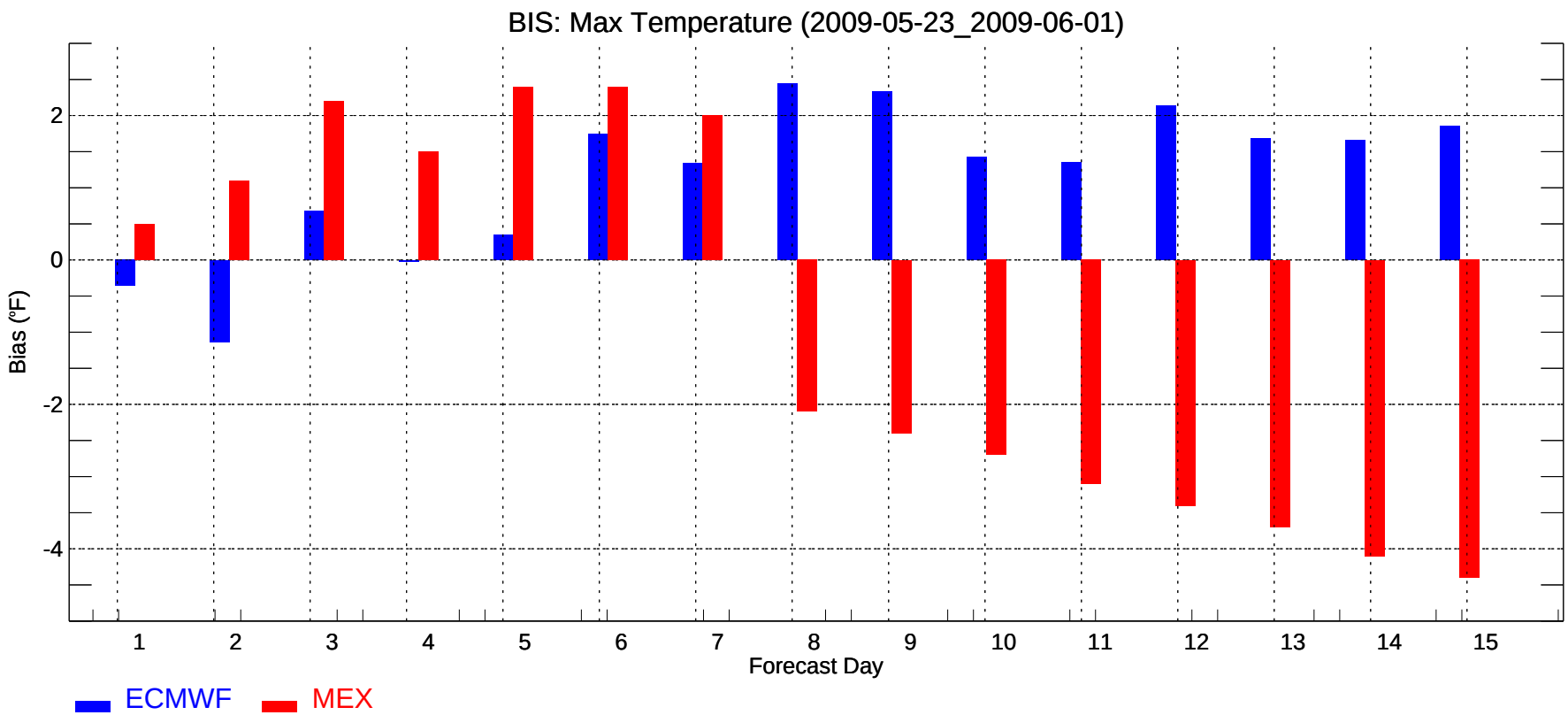
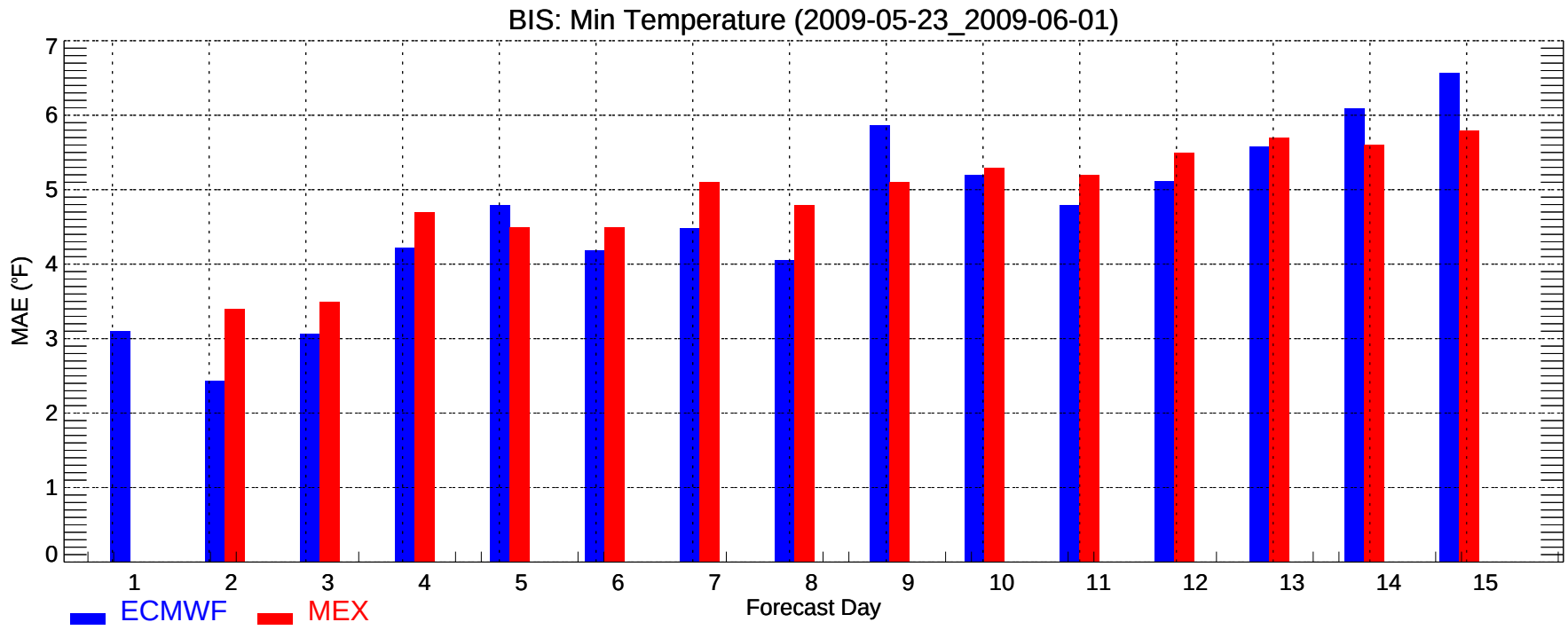
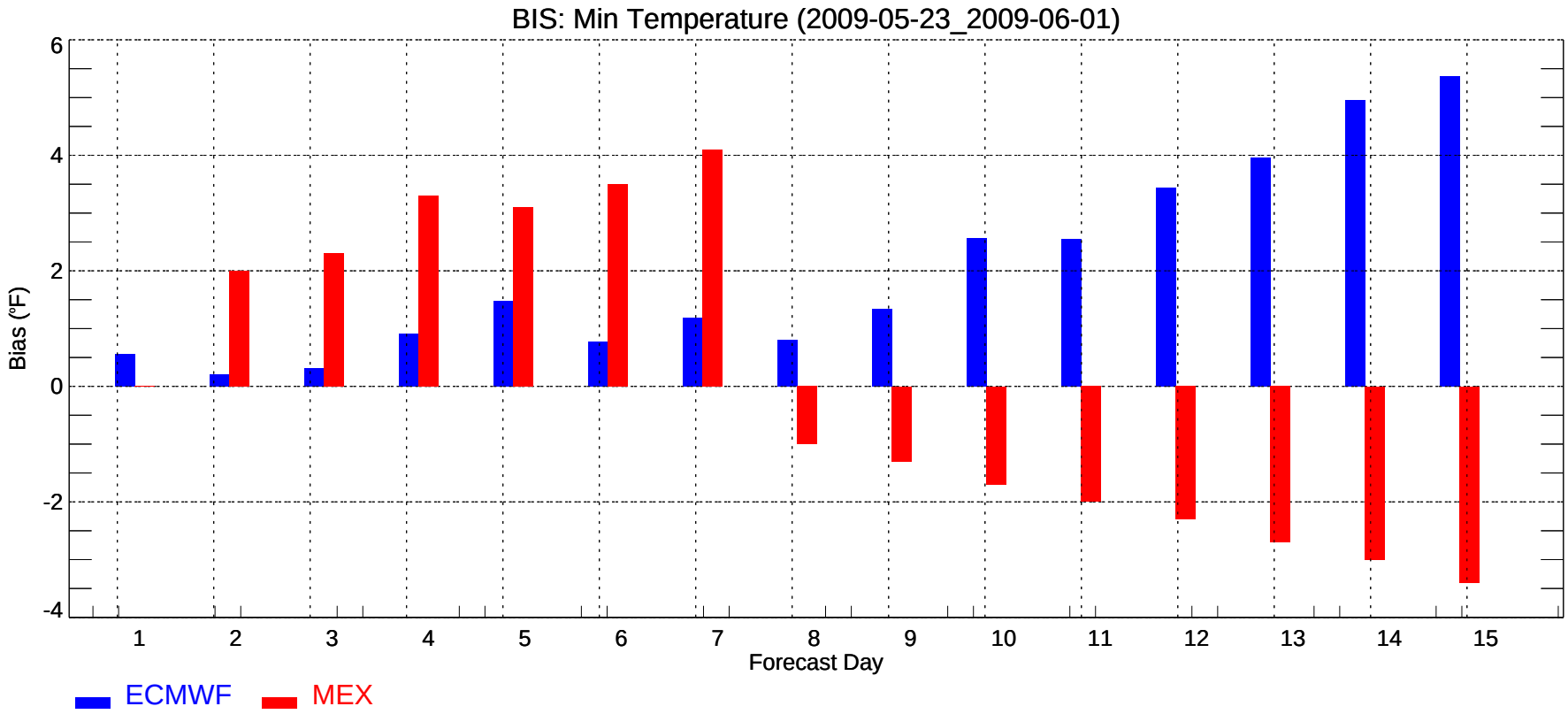
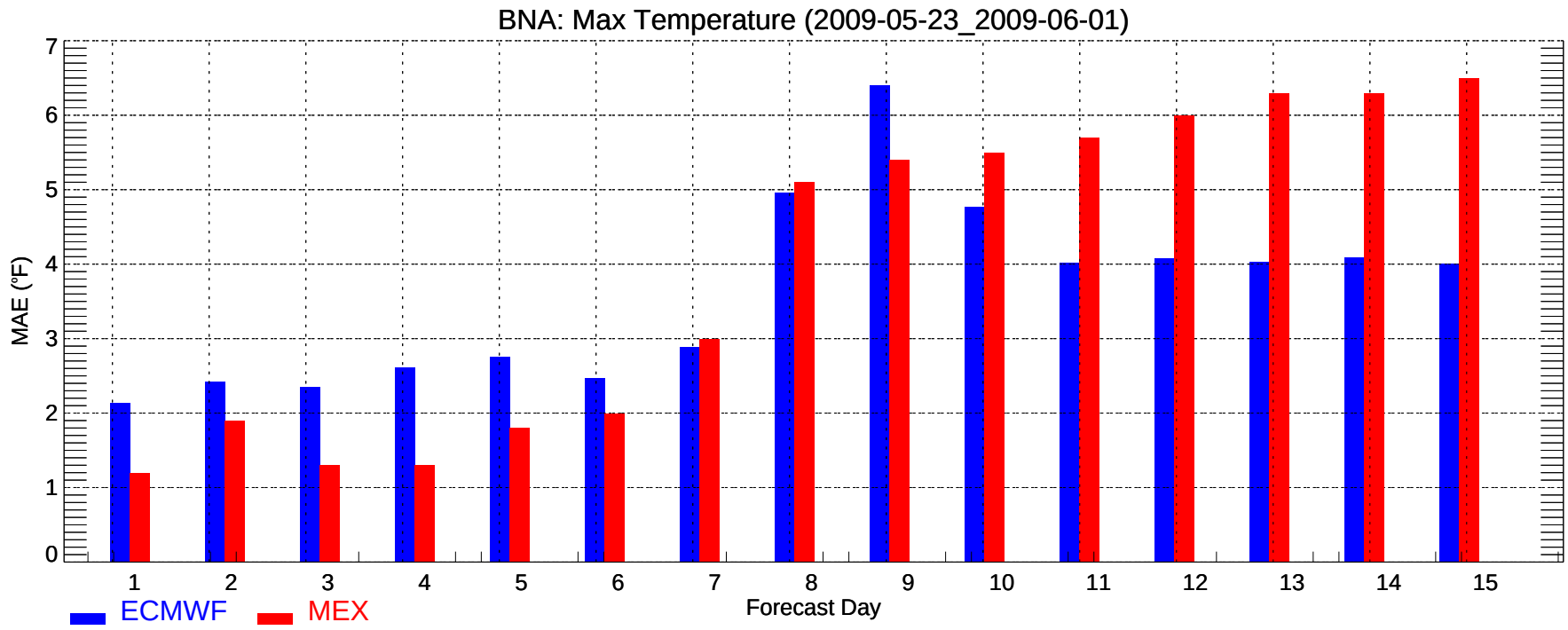
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

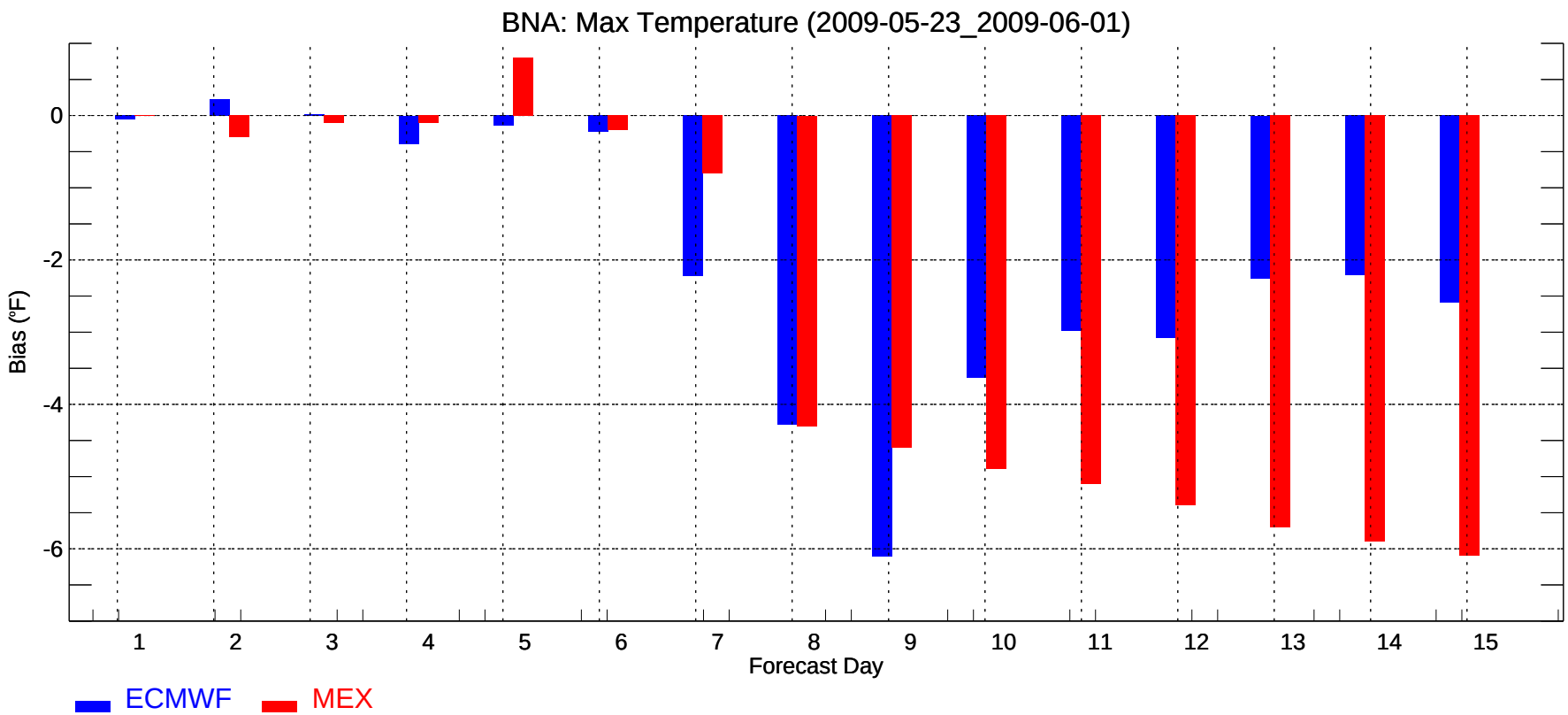

BIS: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

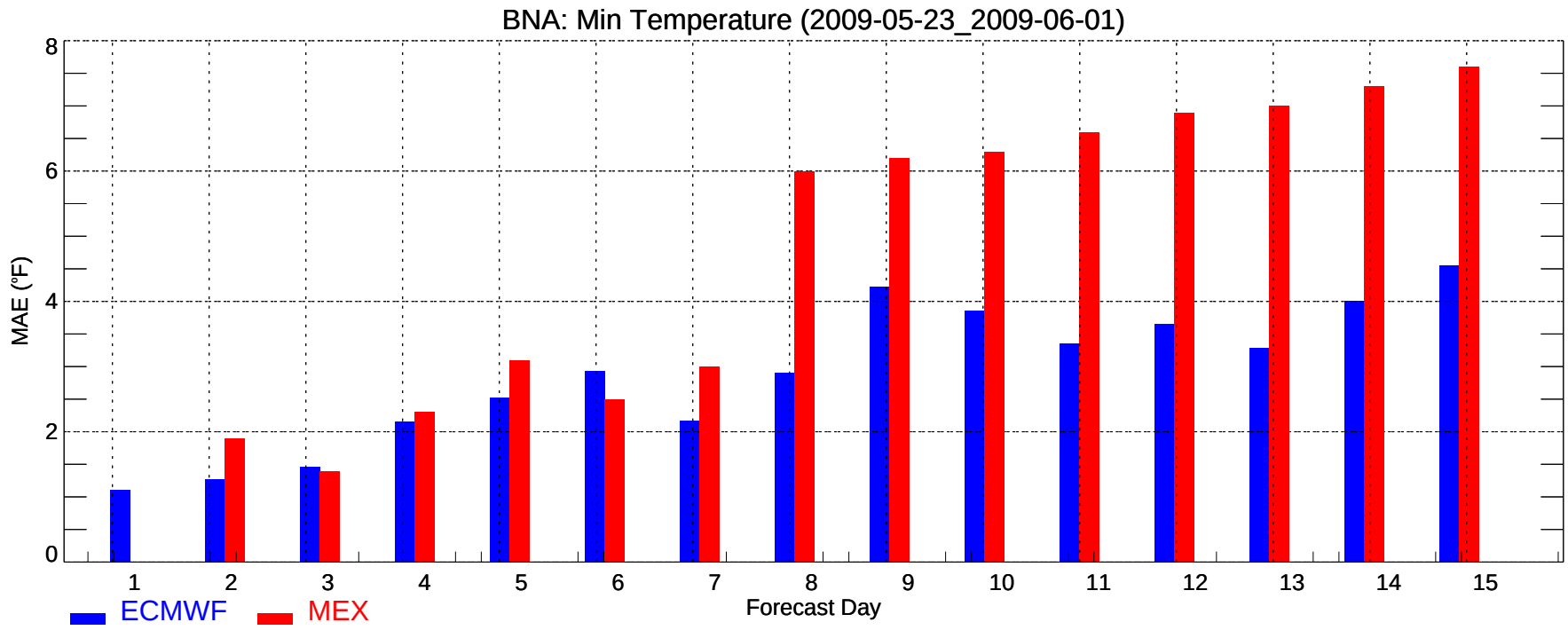

BIS: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

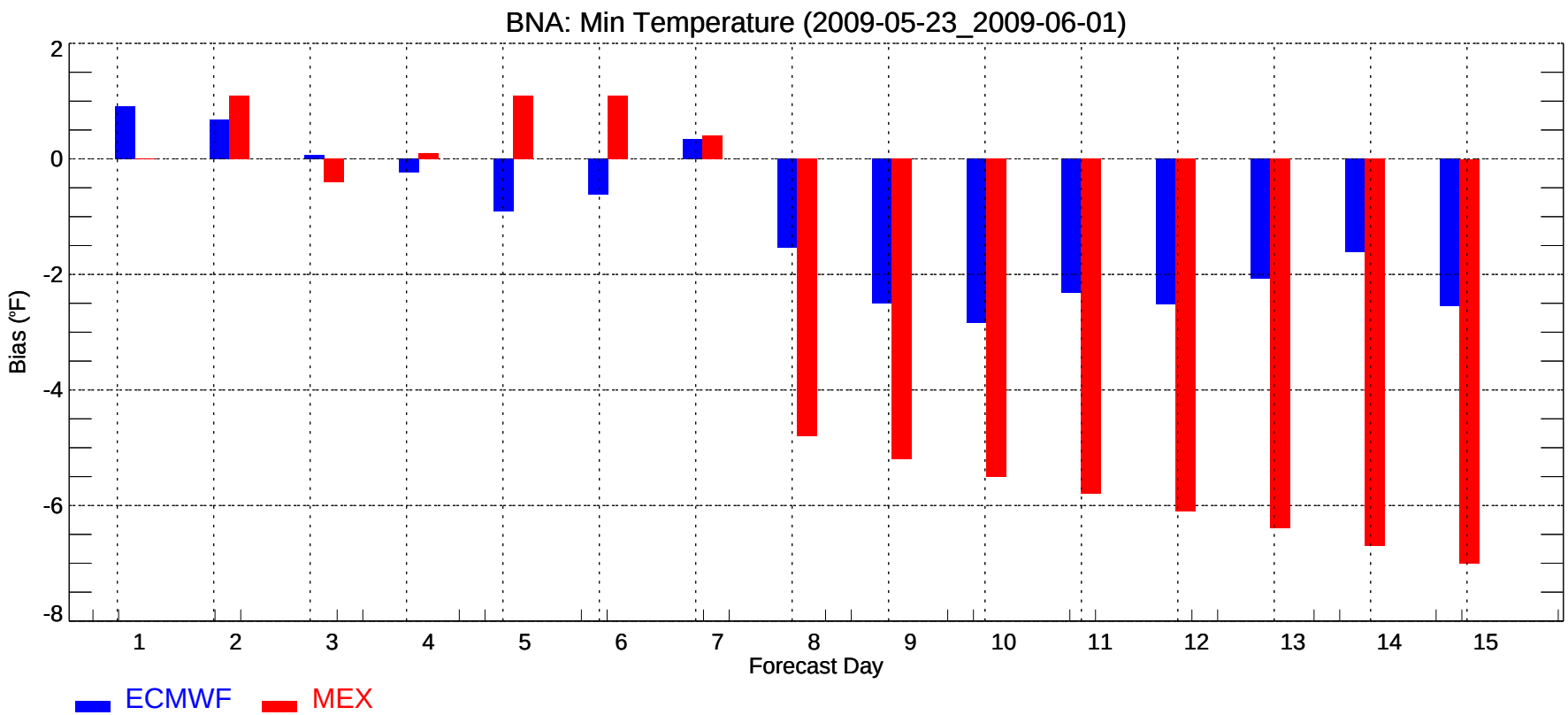

BIS: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BIS: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
6
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BNA: Max Temperature (2009-05-23_2009-06-01)
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


BNA: Max Temperature (2009-05-23_2009-06-01)
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


BNA: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BNA: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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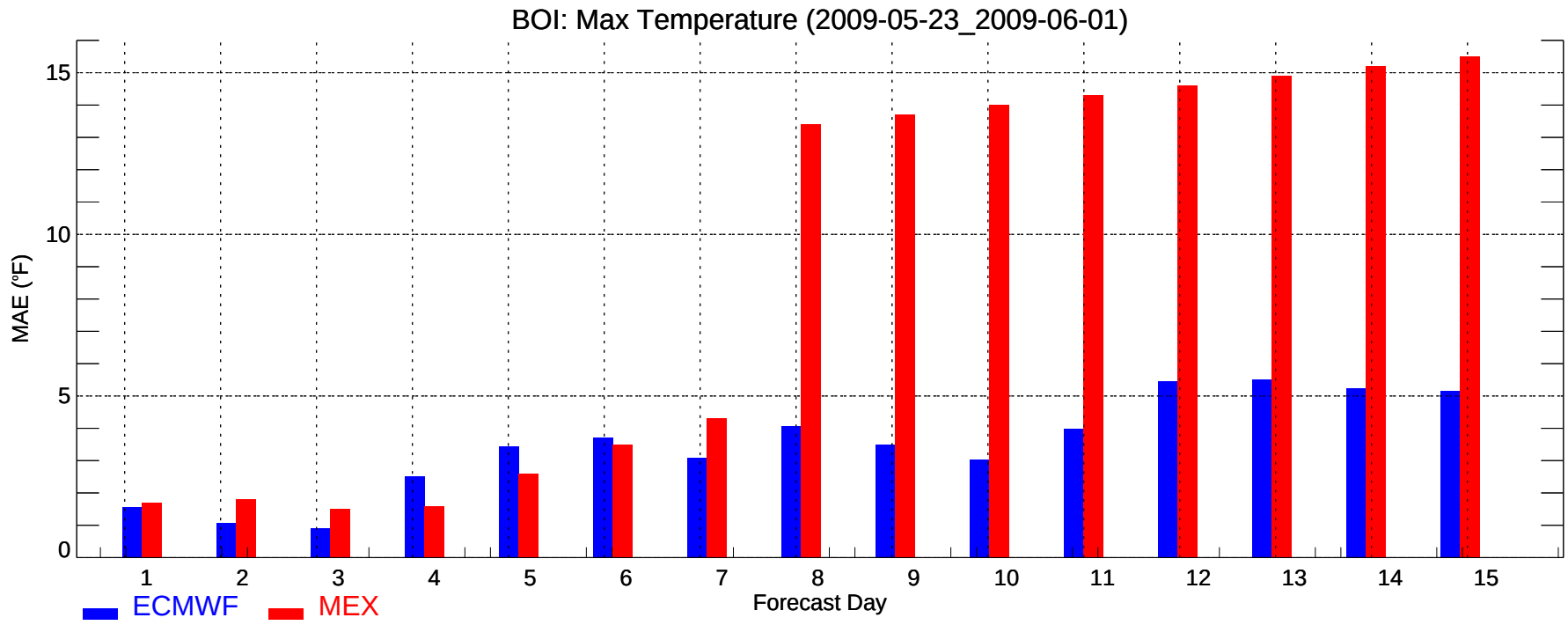
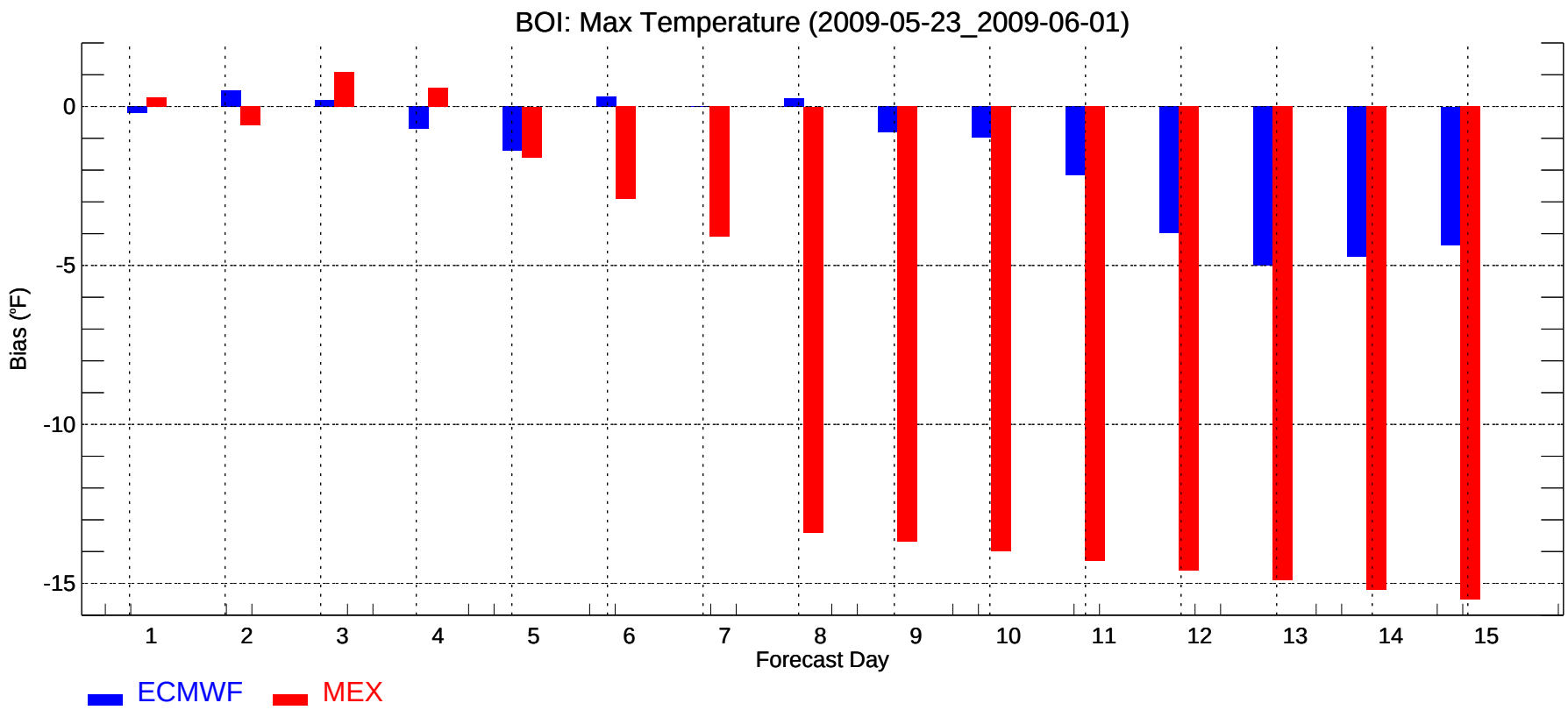
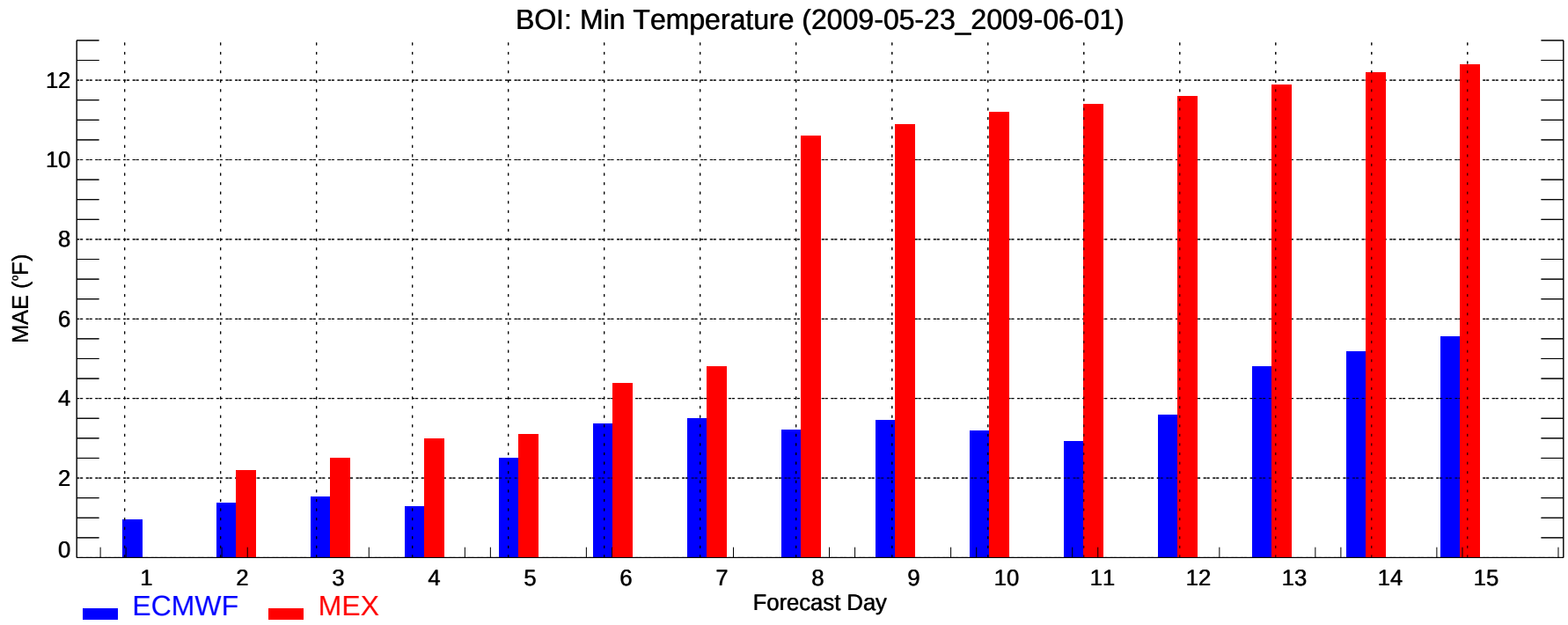
12
13
14
15
Forecast Day
ECMWF
MEX


BOI: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BOI: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BOI: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
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12
13
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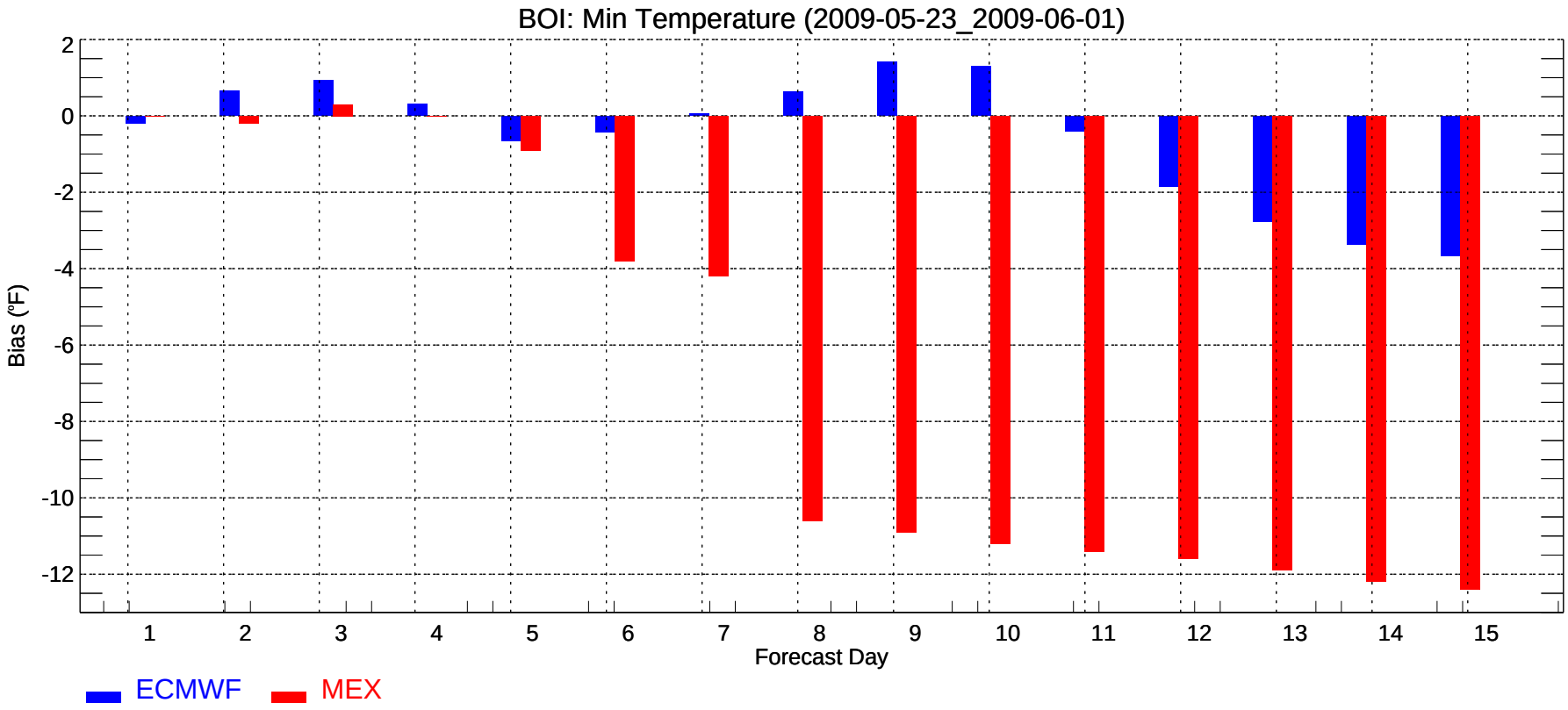
Forecast Day
ECMWF
MEX


BOI: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
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7
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11
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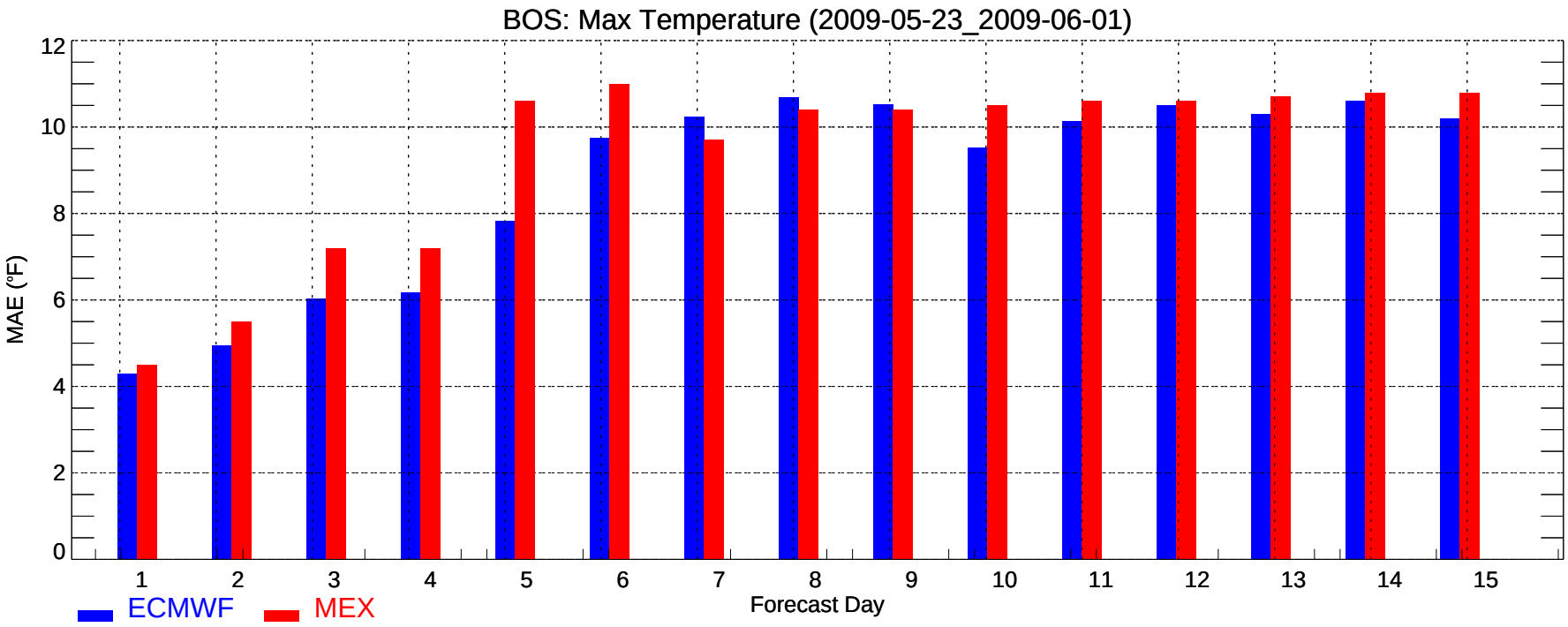
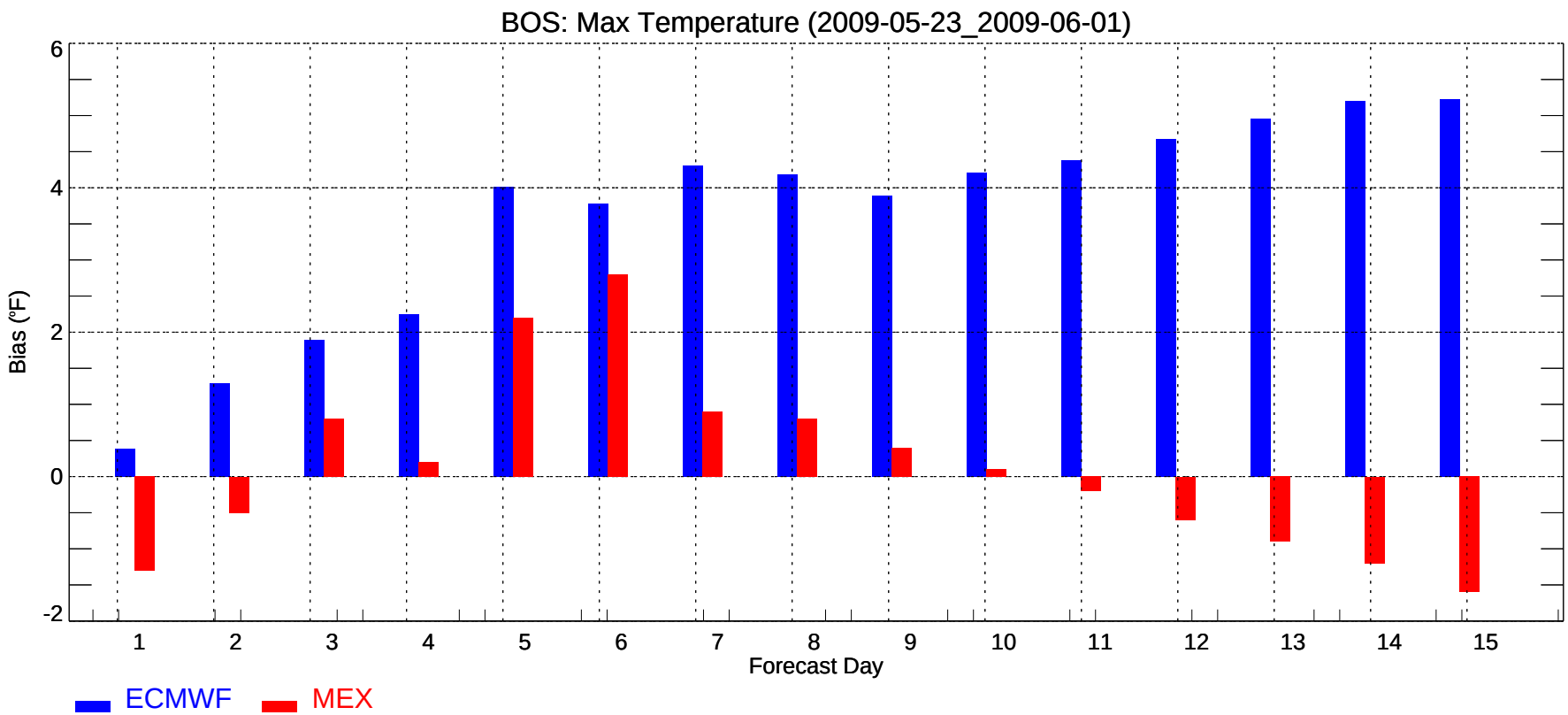
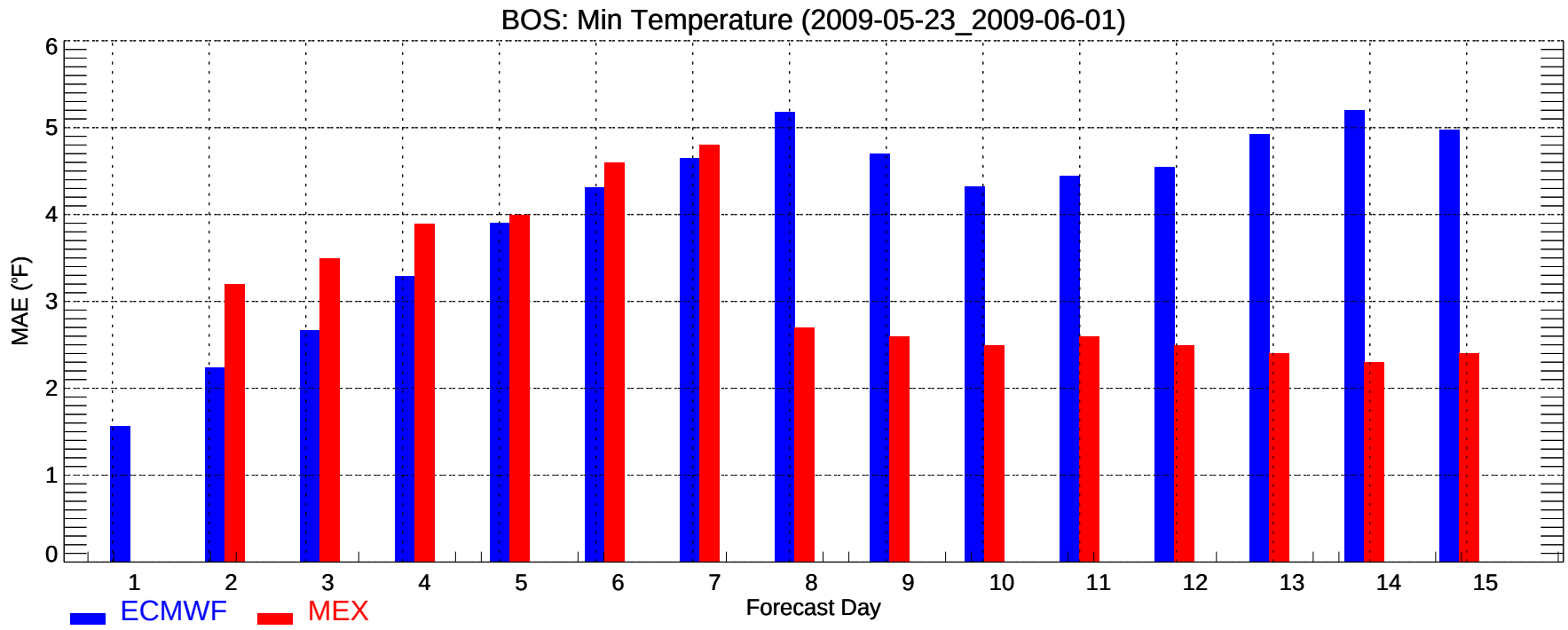
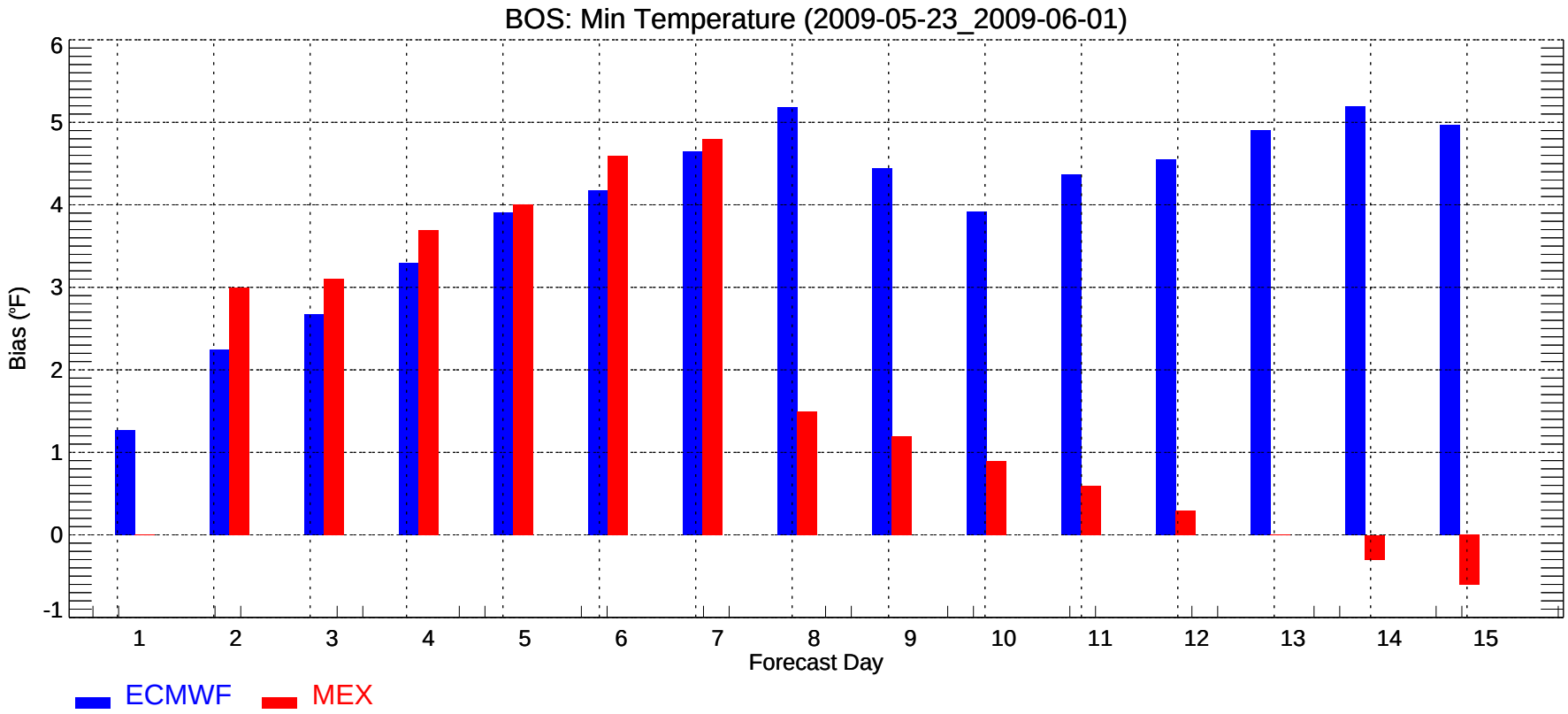
13
14
15
Forecast Day
ECMWF
MEX


BOS: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BOS: Max Temperature (2009-05-23_2009-06-01)
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


BOS: Min Temperature (2009-05-23_2009-06-01)
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


BOS: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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10
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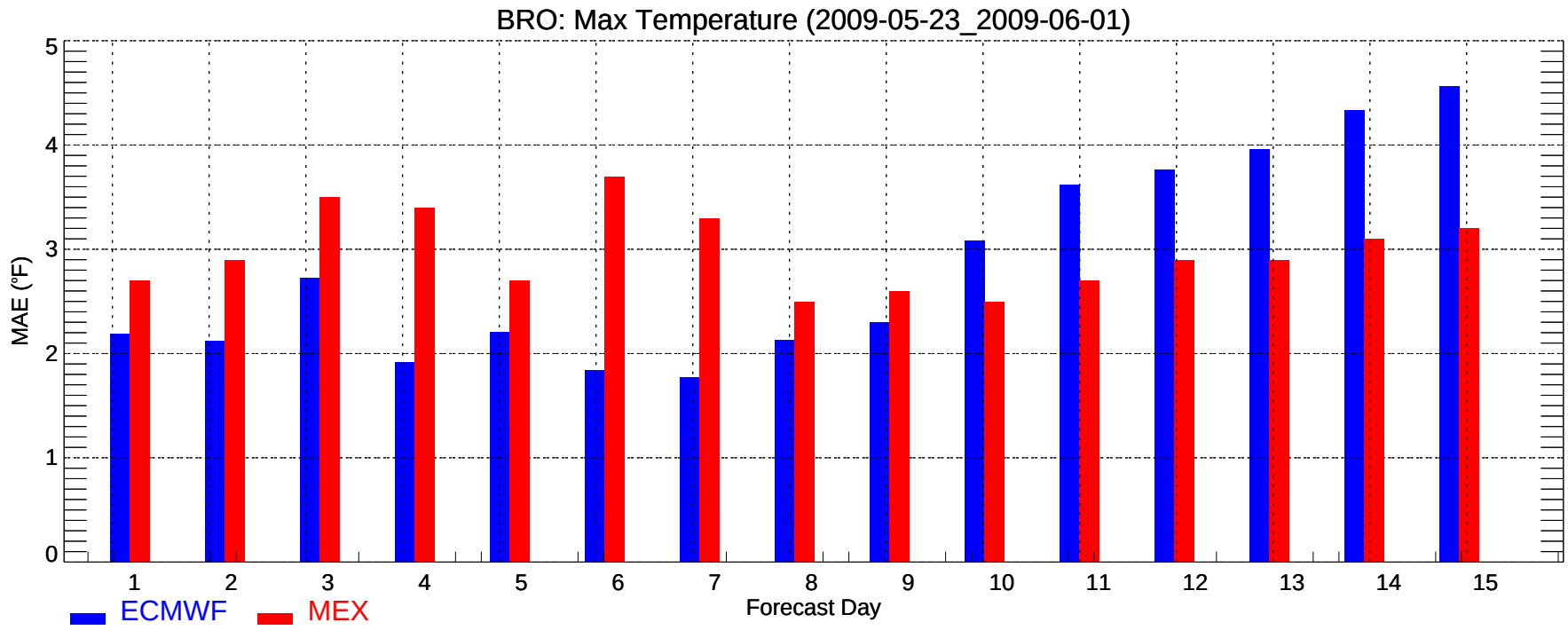
Forecast Day
ECMWF
MEX


BRO: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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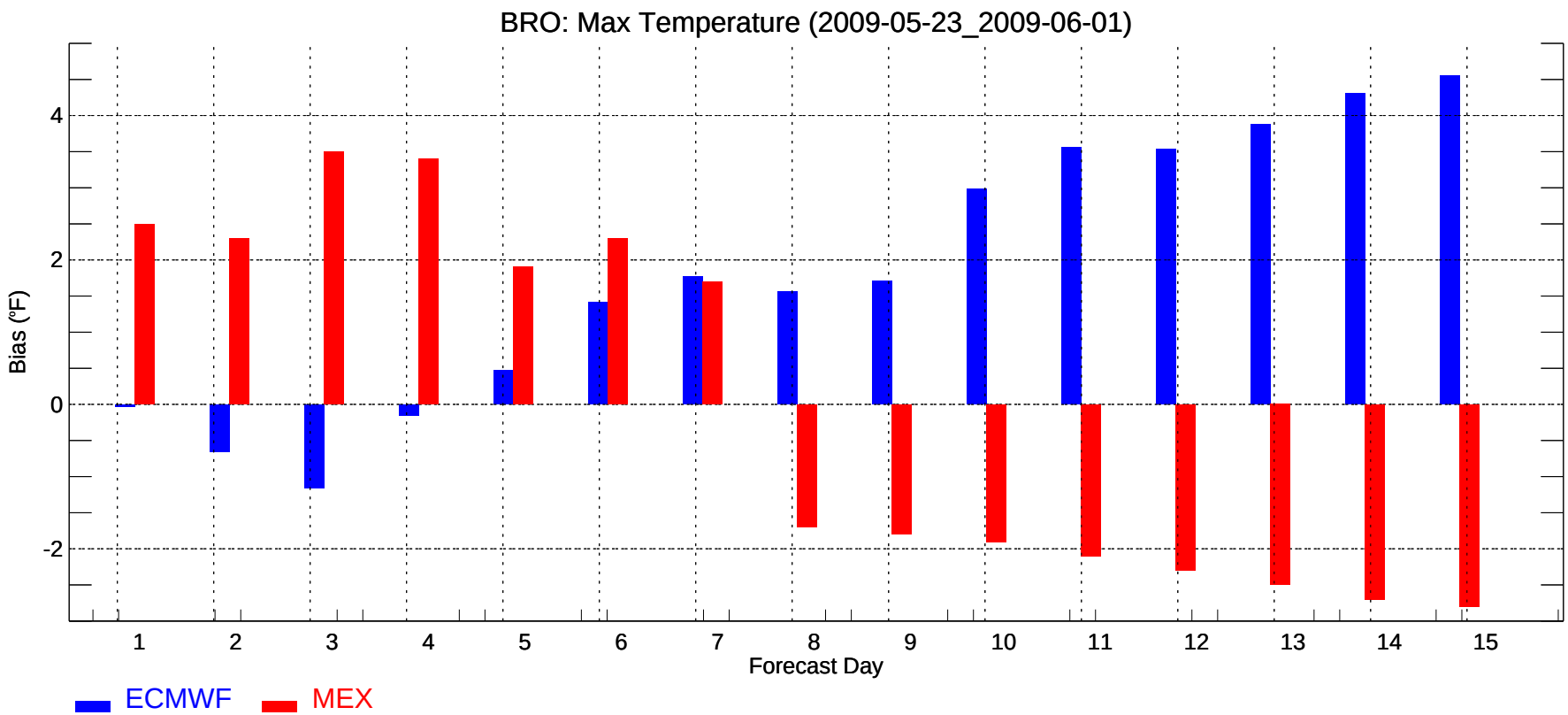
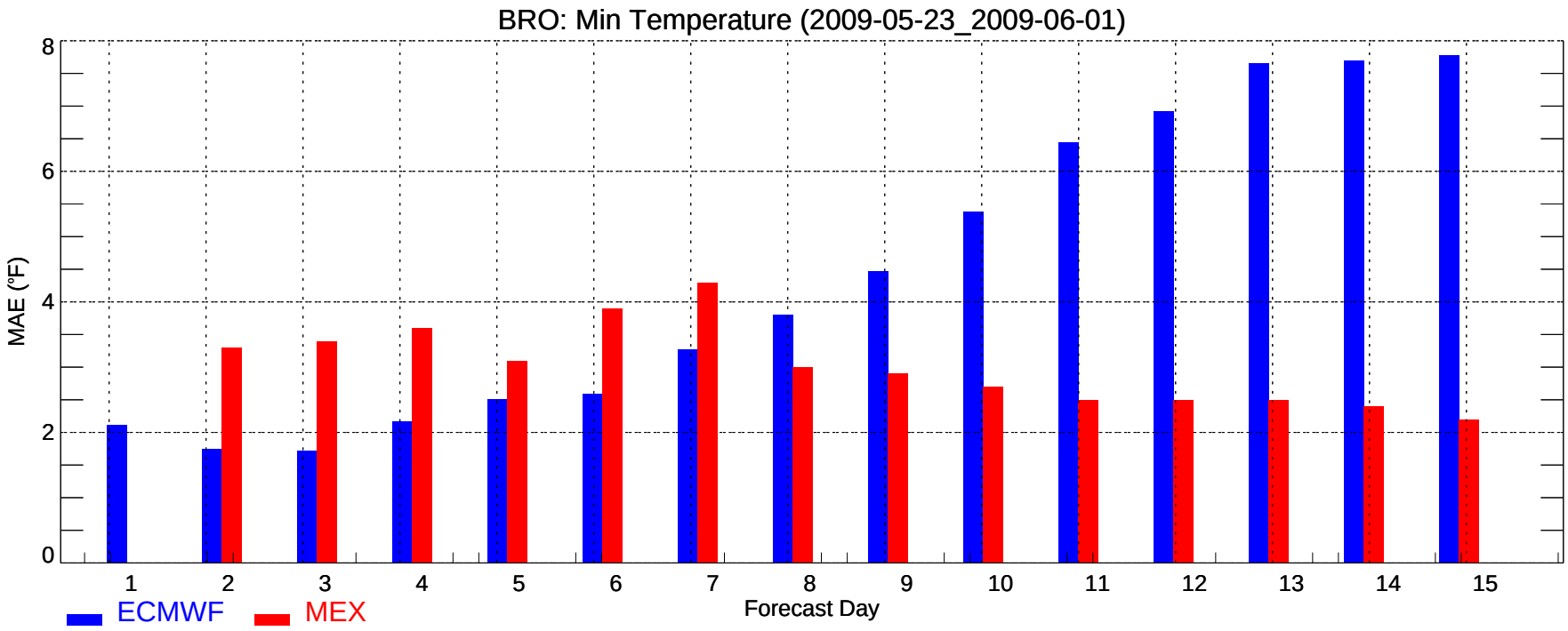
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BRO: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BRO: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
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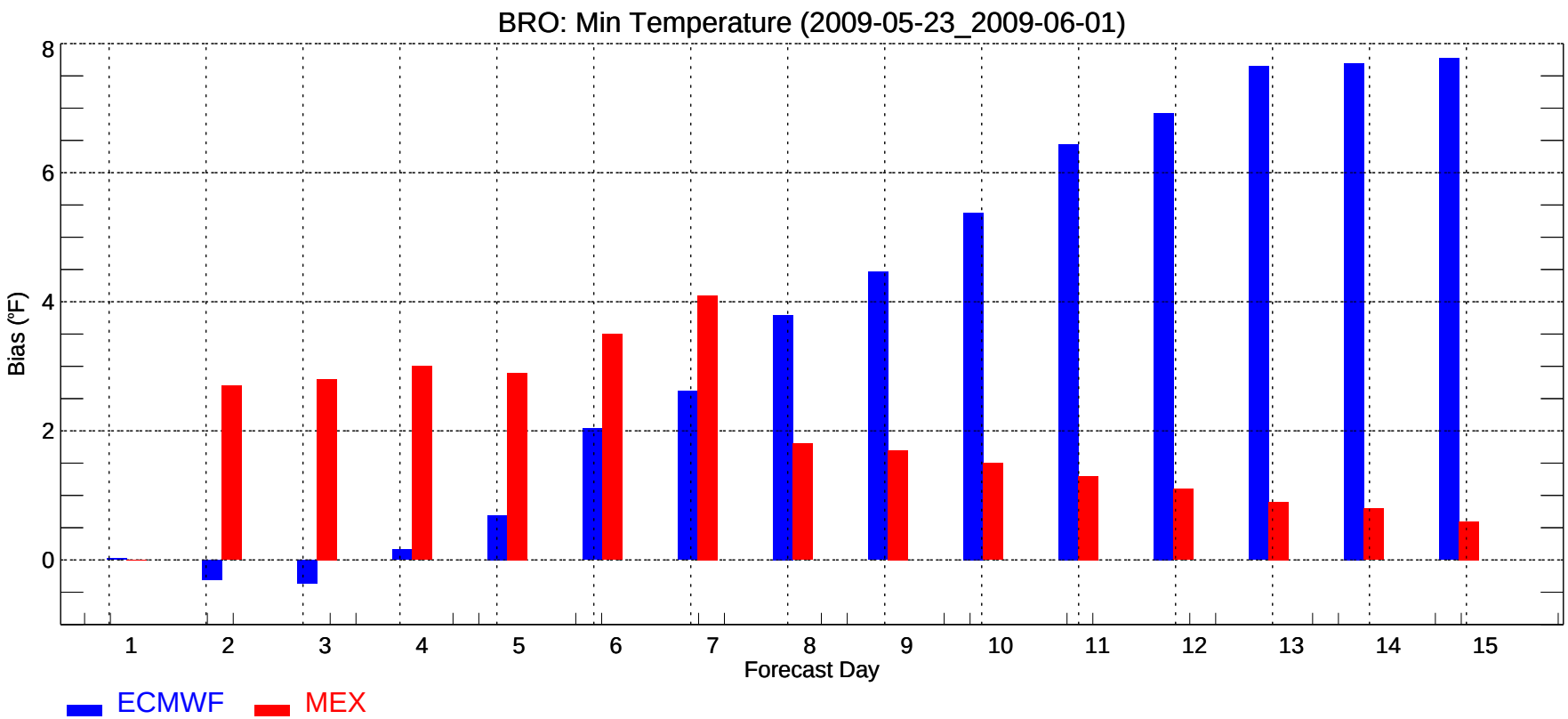
11
12
13
14
15
Forecast Day
ECMWF
MEX


BRO: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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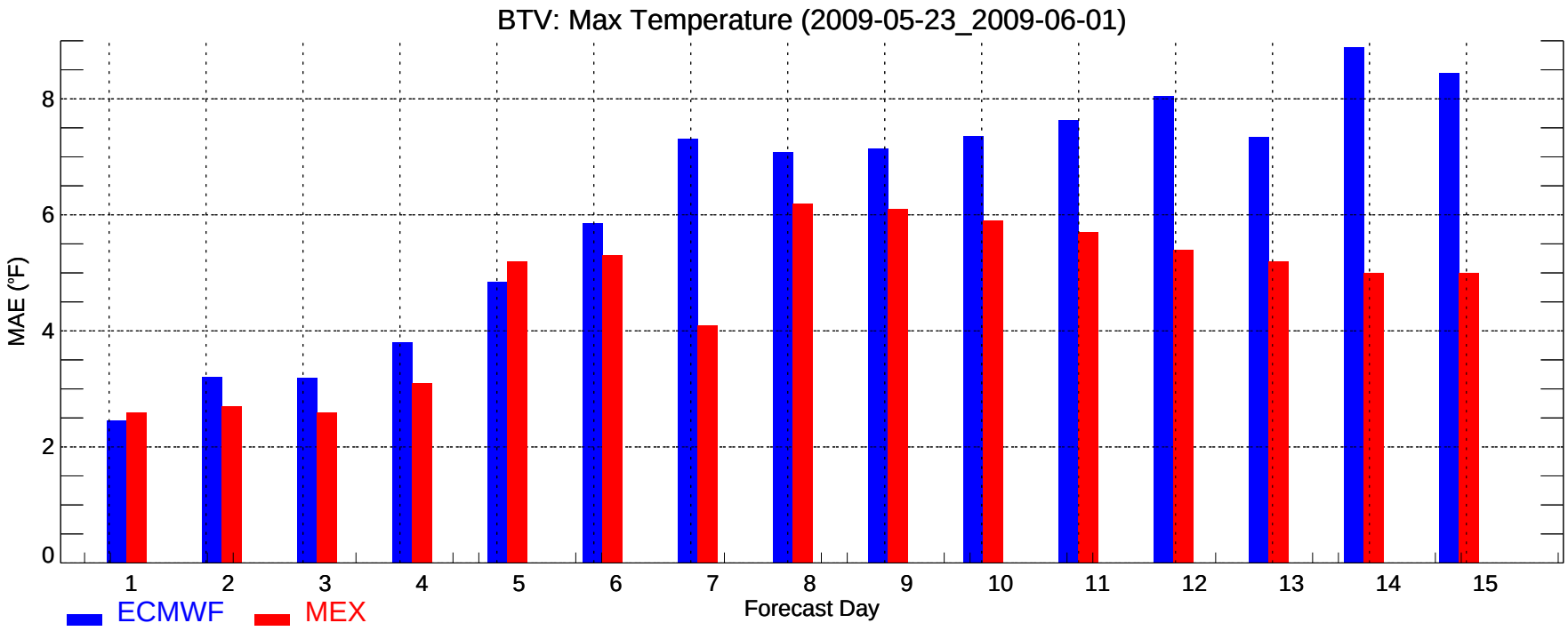
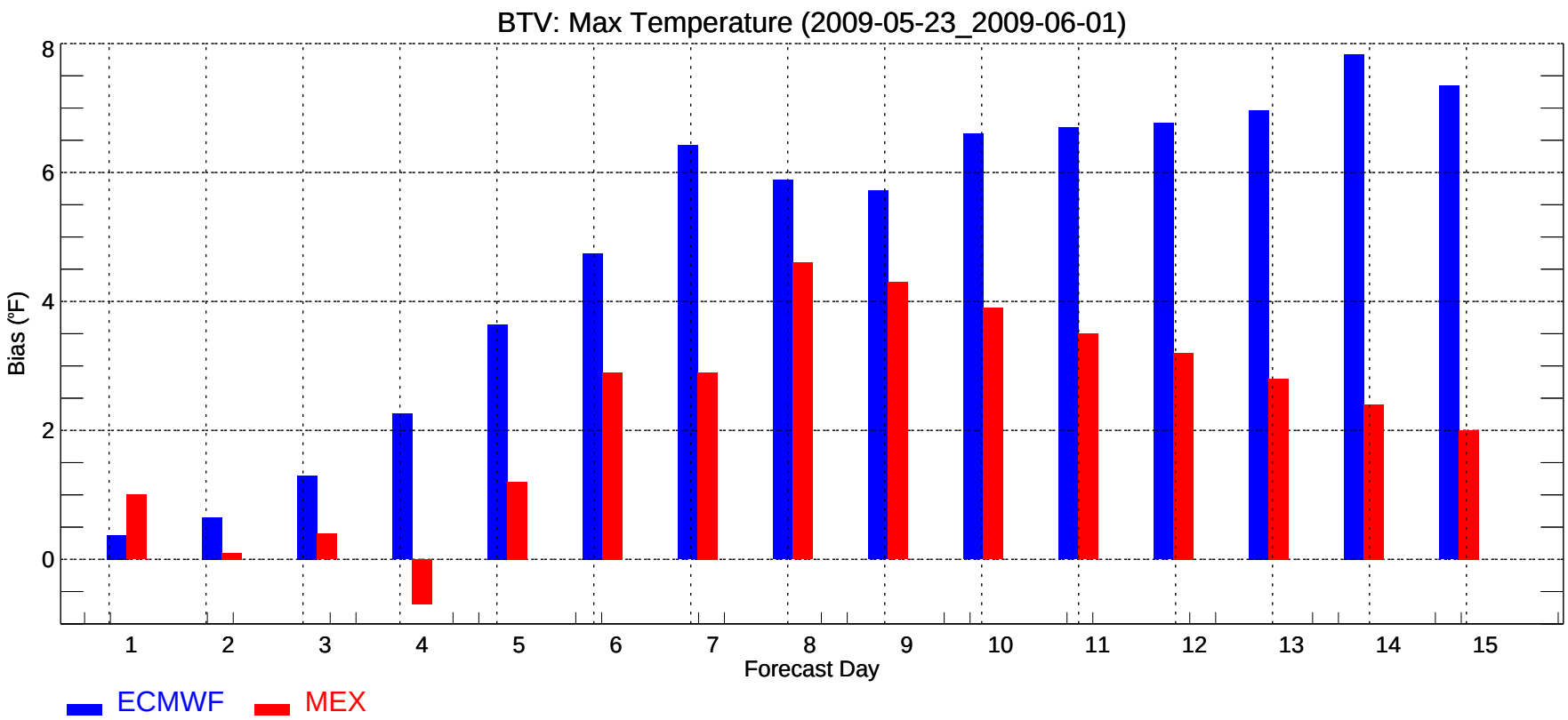
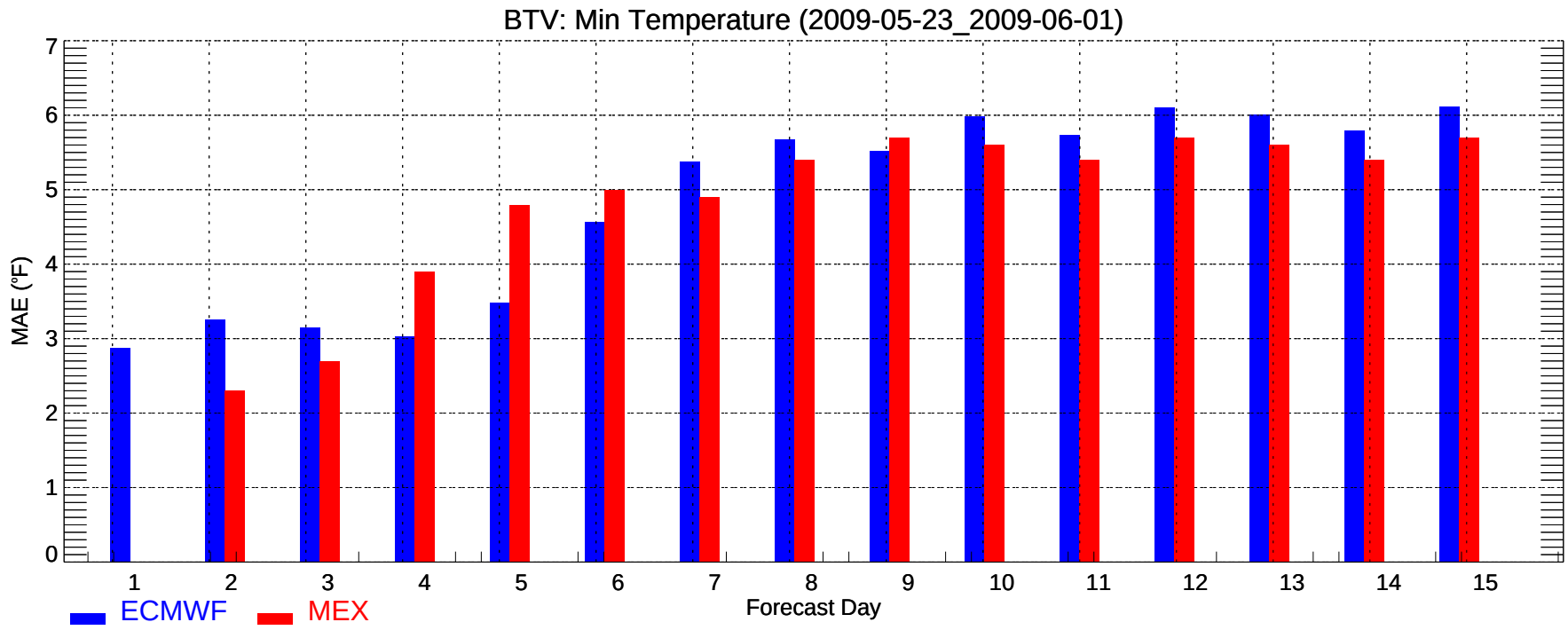
11
12
13
14
15
Forecast Day
ECMWF
MEX


BTV: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BTV: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BTV: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
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5
6
7
1
2
3
4
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6
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8
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10
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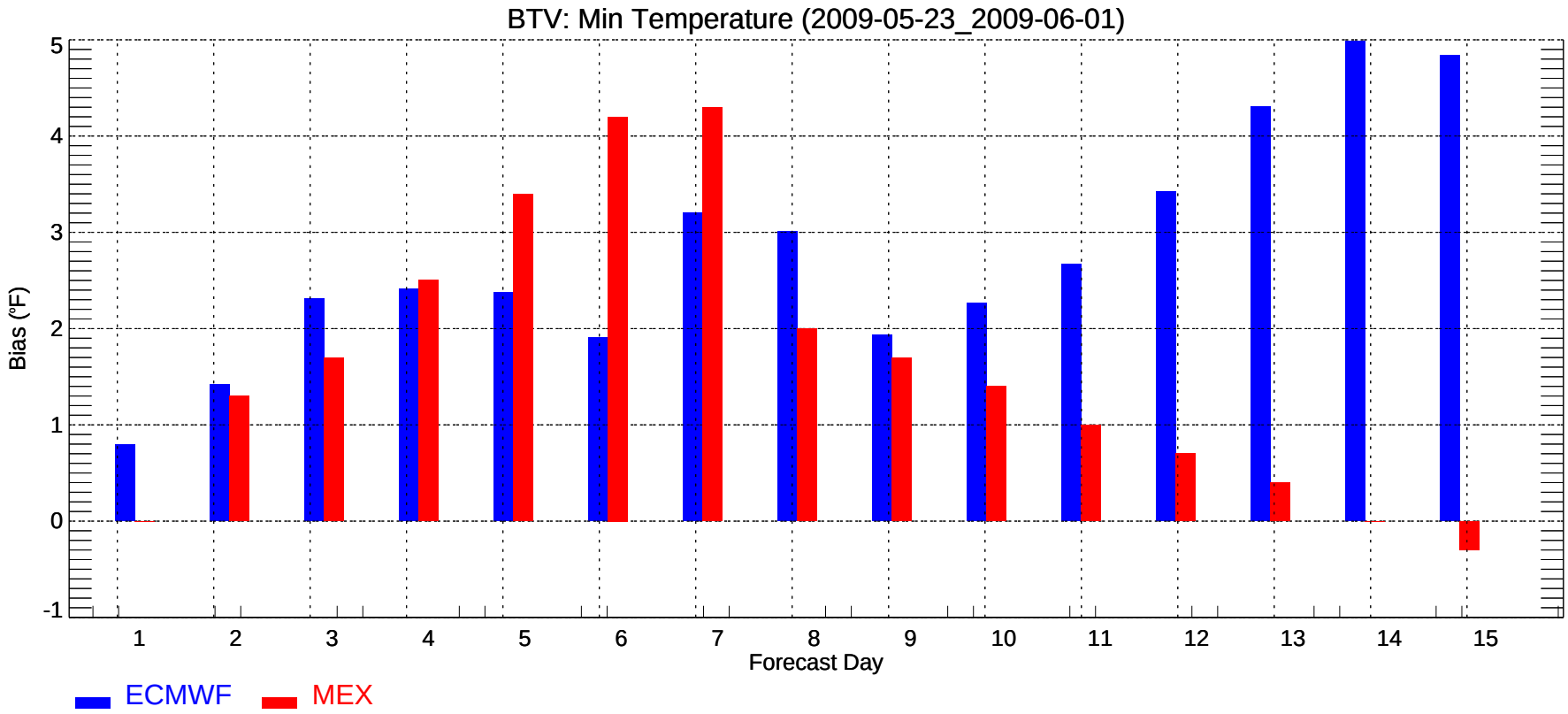
14
15
Forecast Day
ECMWF
MEX


BTV: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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0
1
2
3
4
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2
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8
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13
14
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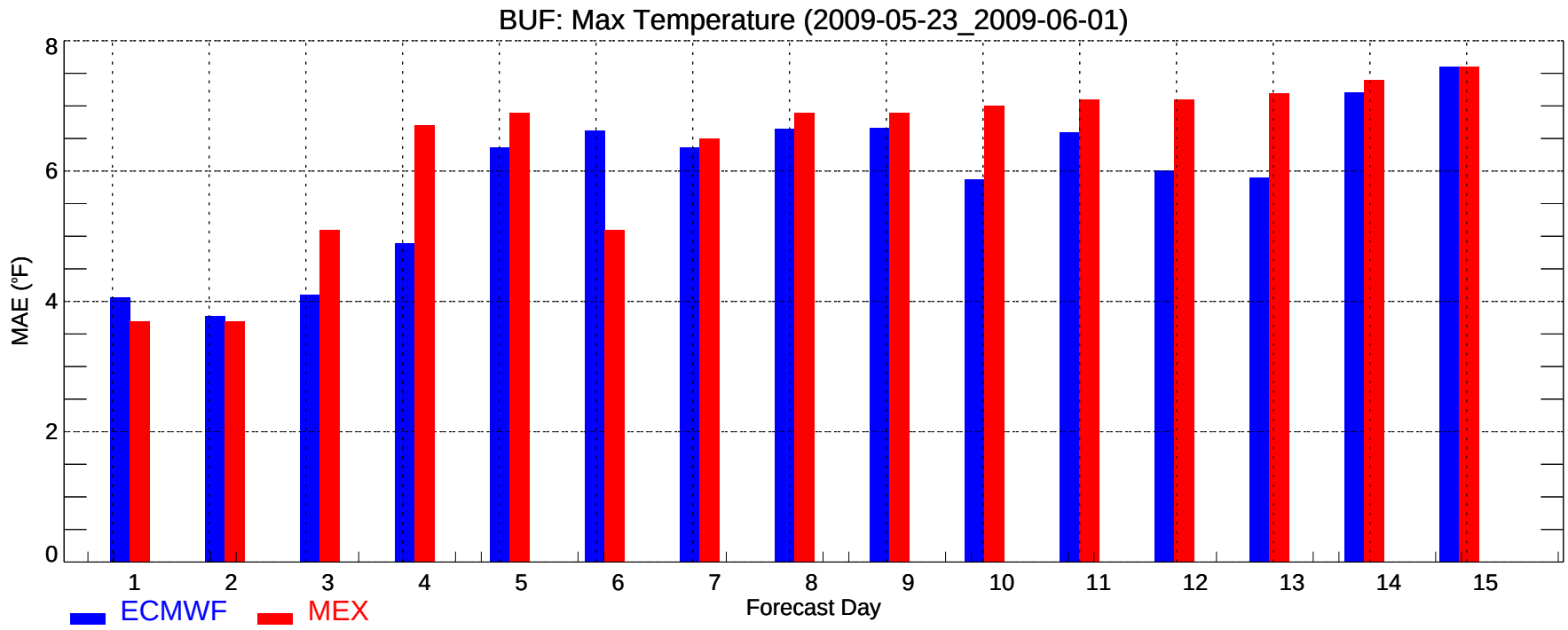
Forecast Day
ECMWF
MEX


BUF: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
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8
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10
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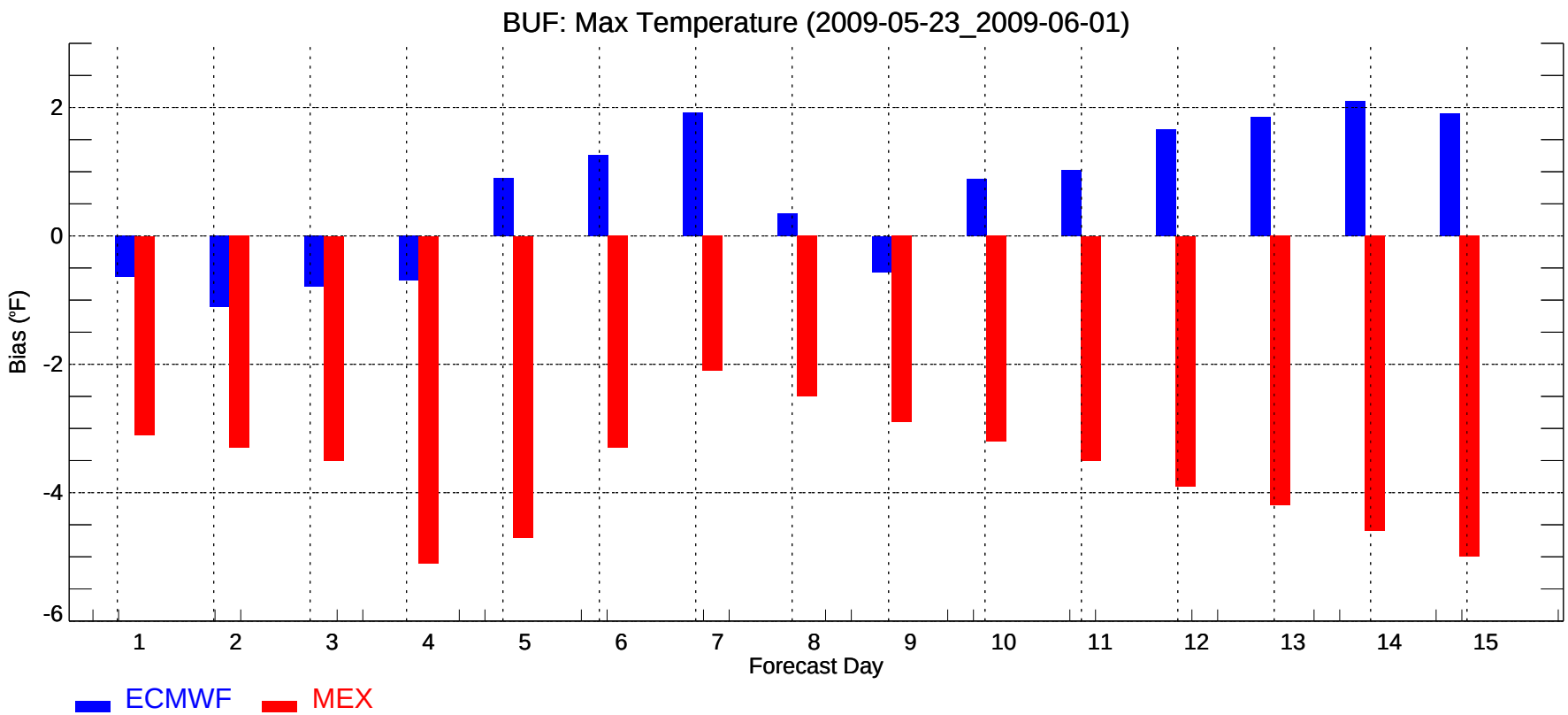
12
13
14
15
Forecast Day
ECMWF
MEX


BUF: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
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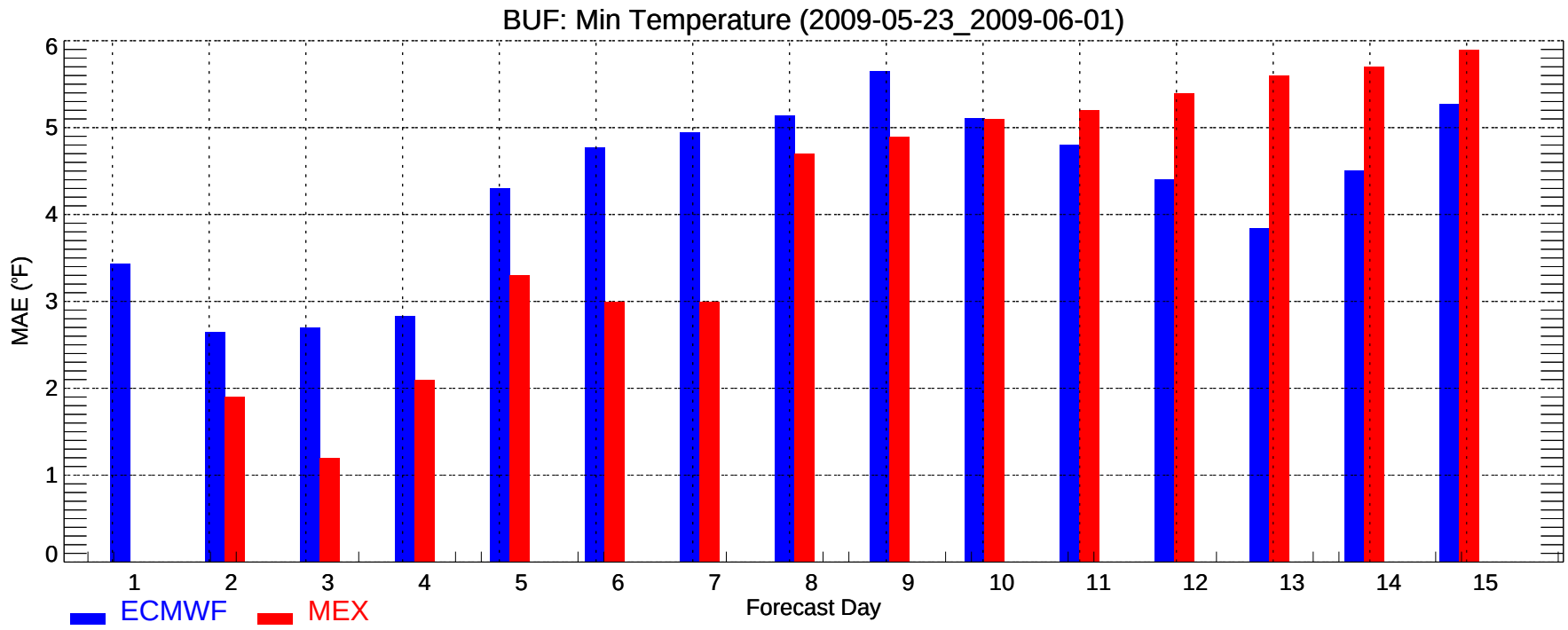
Forecast Day
ECMWF
MEX


BUF: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
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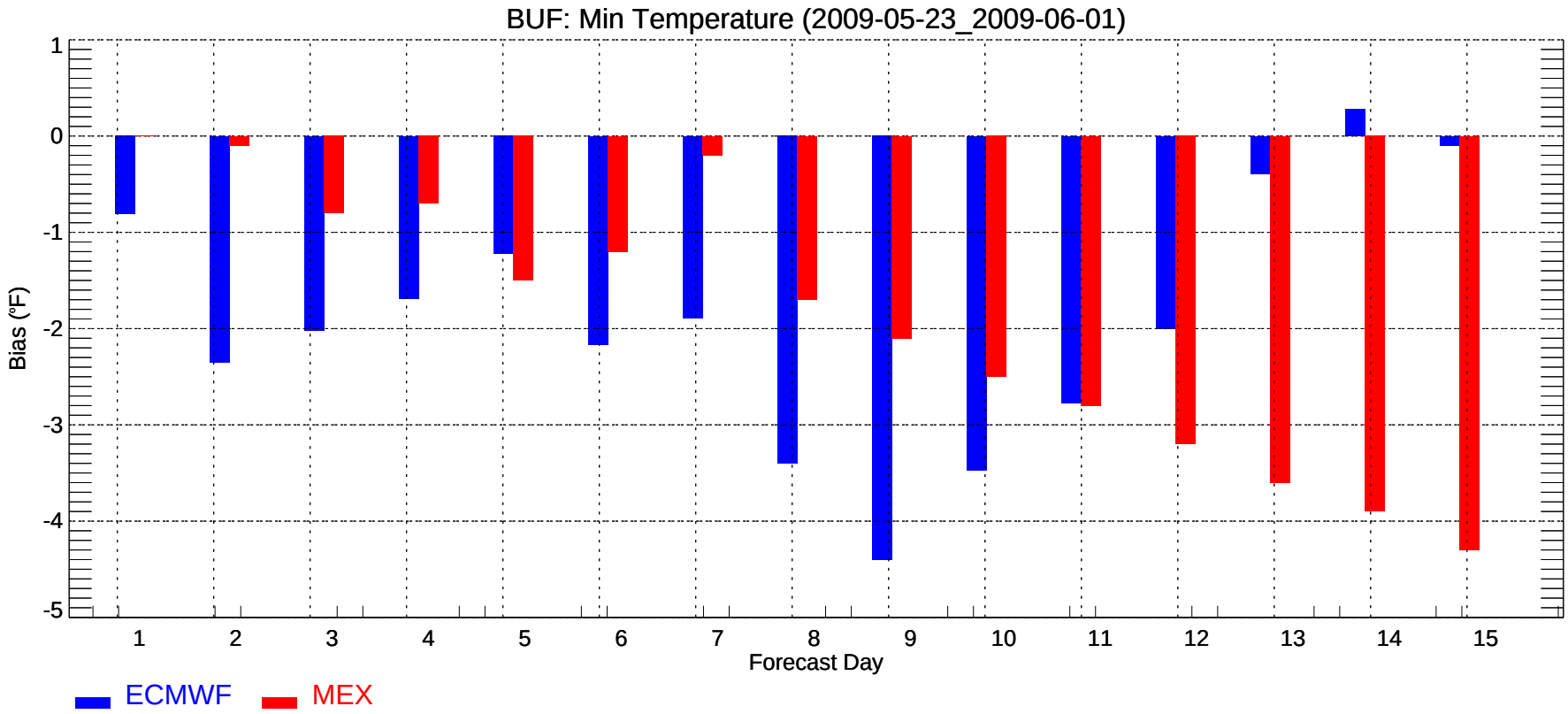
Forecast Day
ECMWF
MEX


BUF: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
-5
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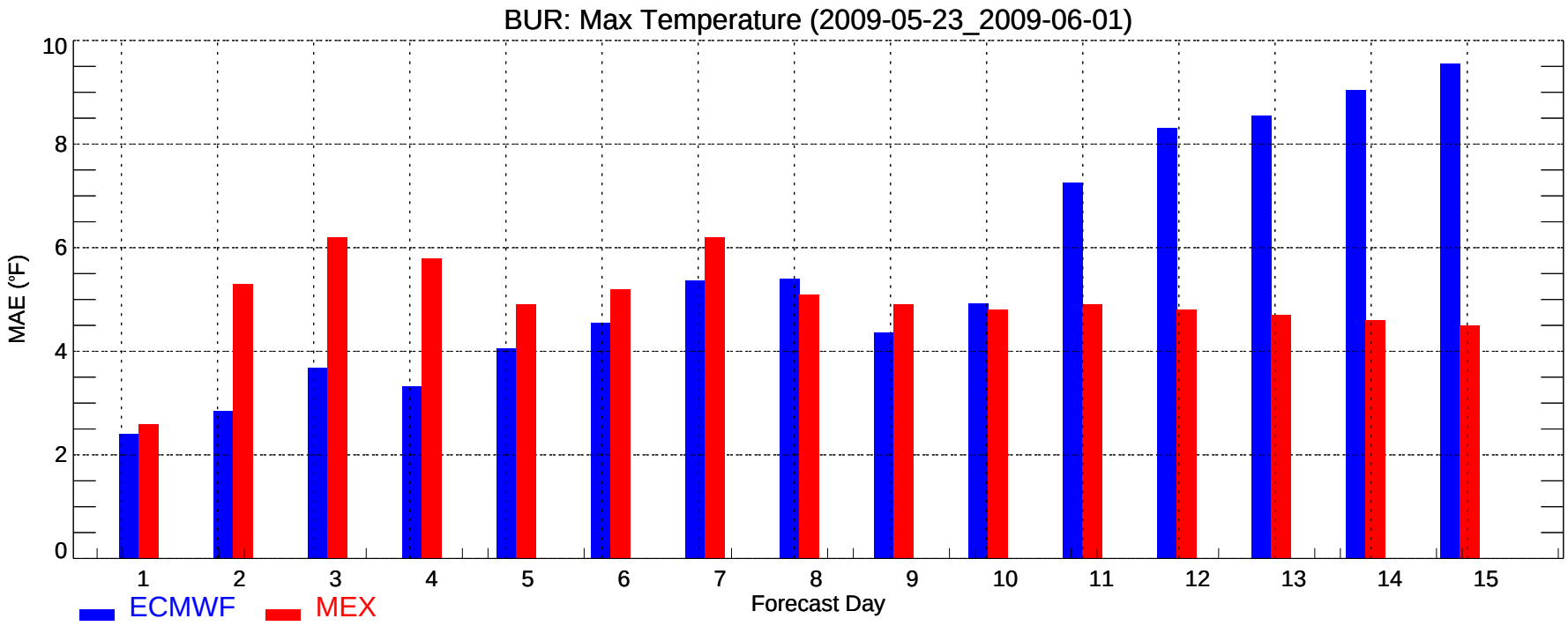
Forecast Day
ECMWF
MEX


BUR: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
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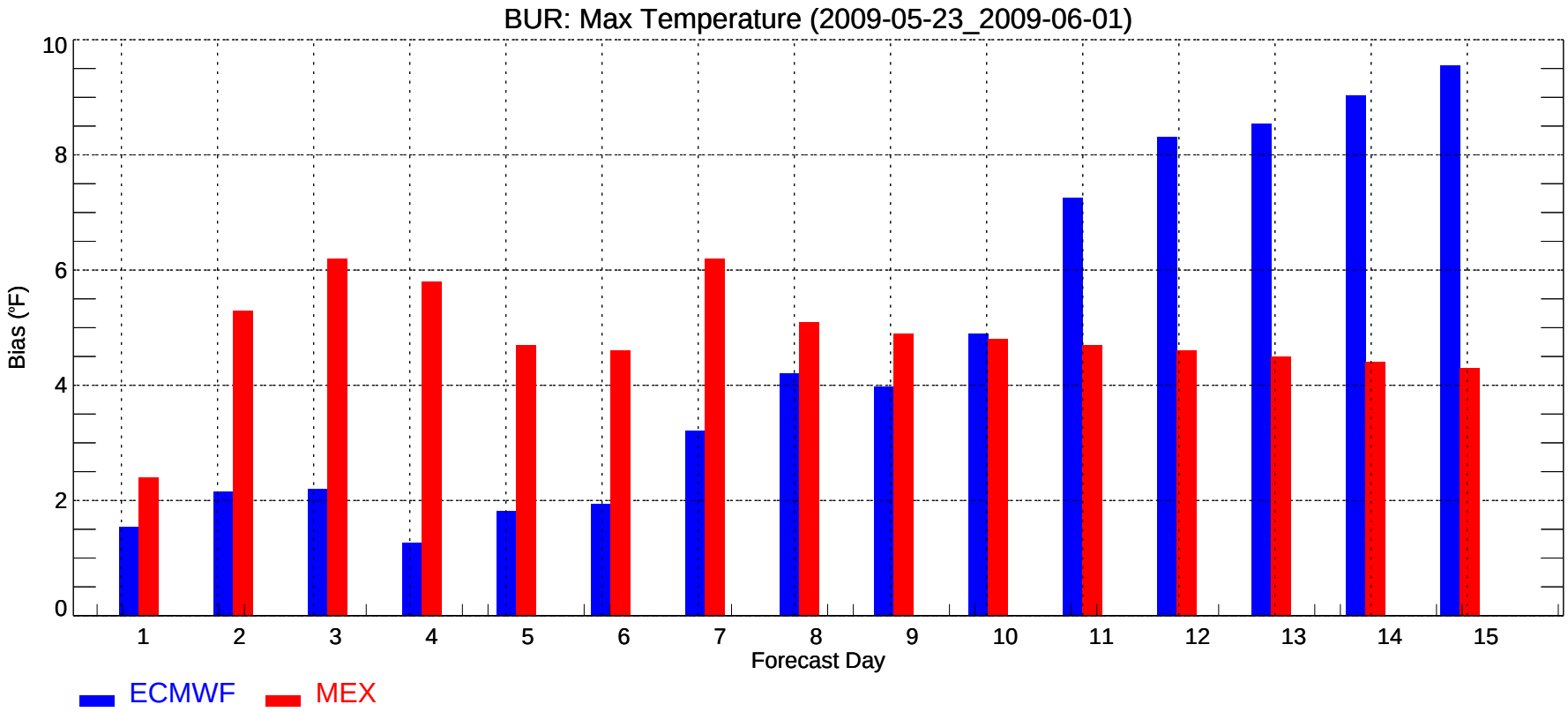
Forecast Day
ECMWF
MEX


BUR: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
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10
1
2
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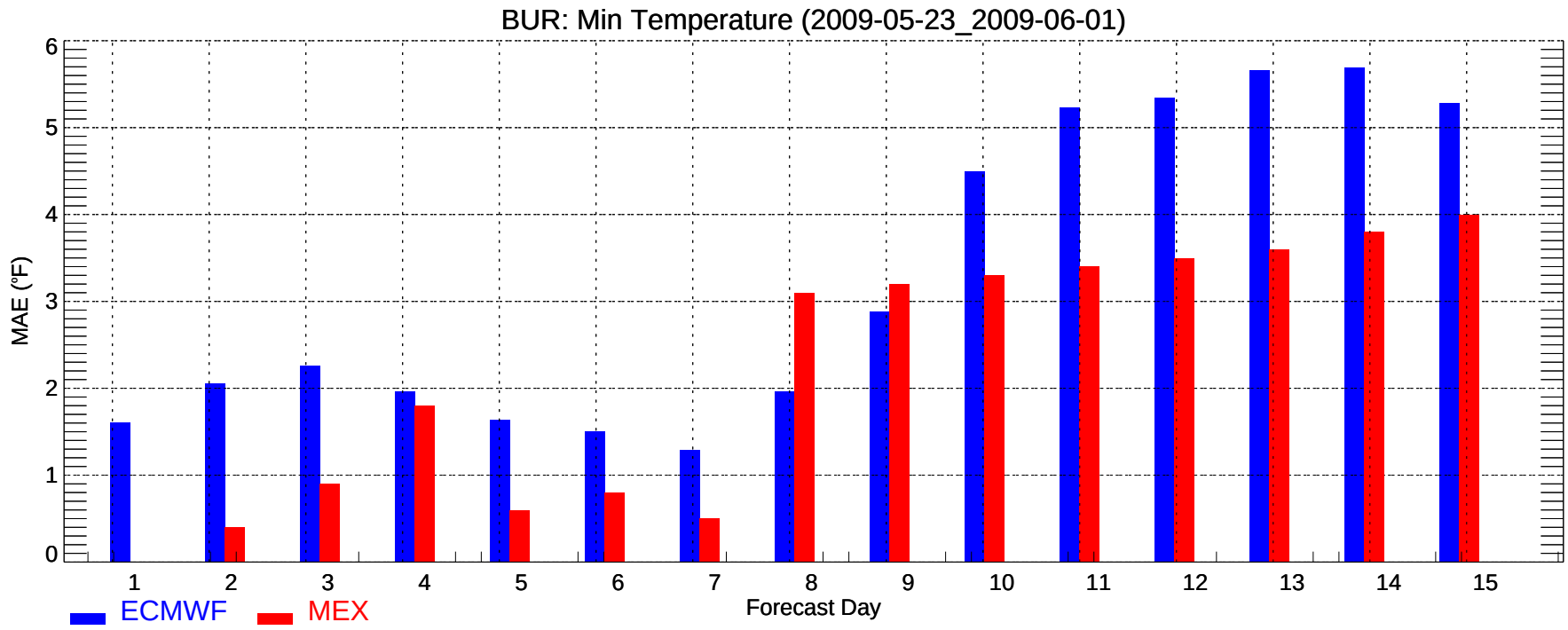
Forecast Day
ECMWF
MEX


BUR: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
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6
1
2
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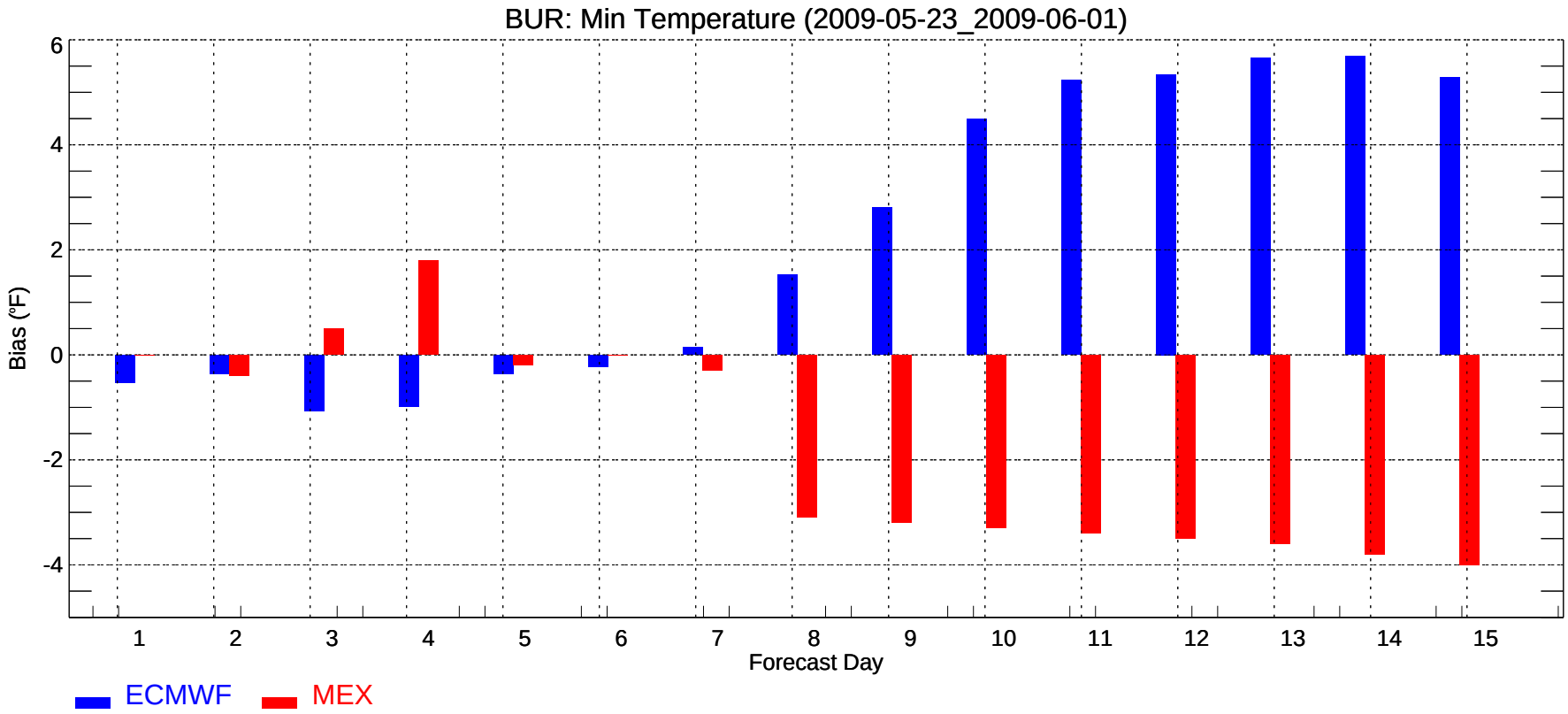
Forecast Day
ECMWF
MEX


BUR: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
6
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-2
-4
1
2
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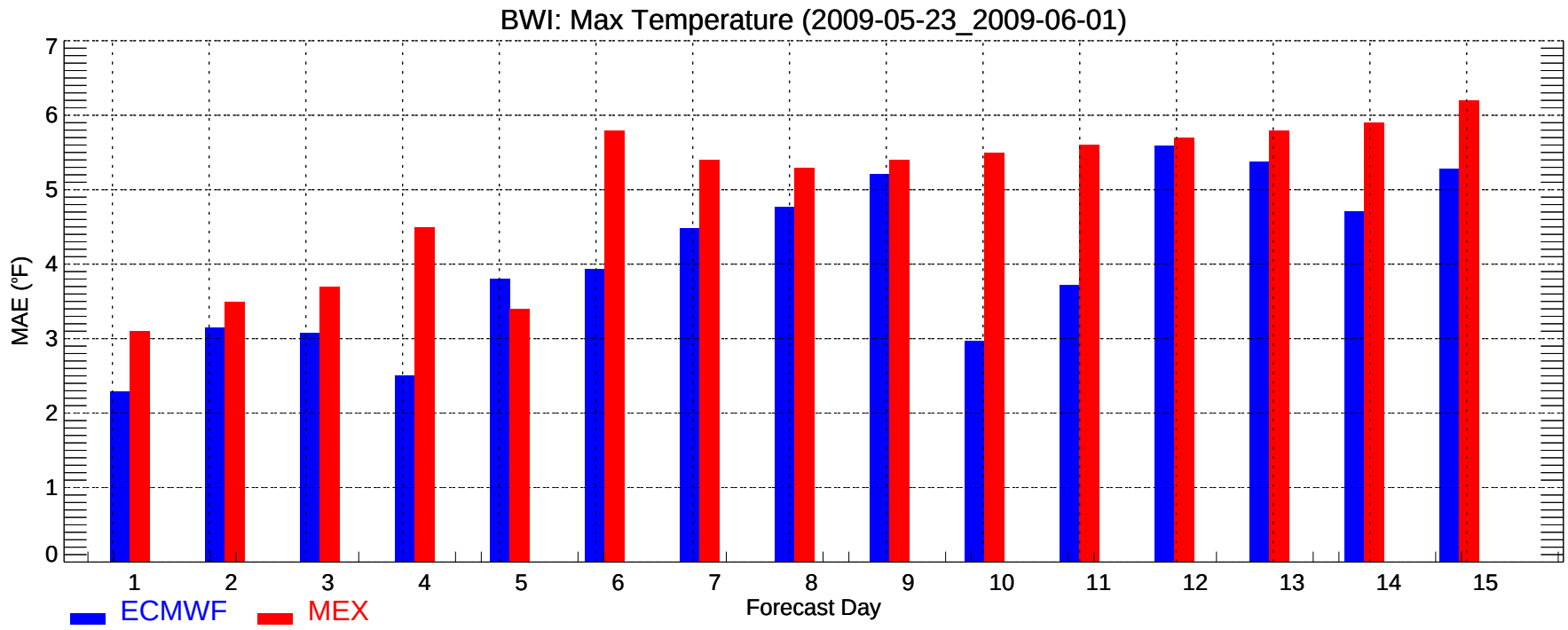
Forecast Day
ECMWF
MEX


BWI: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
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7
1
2
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4
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14
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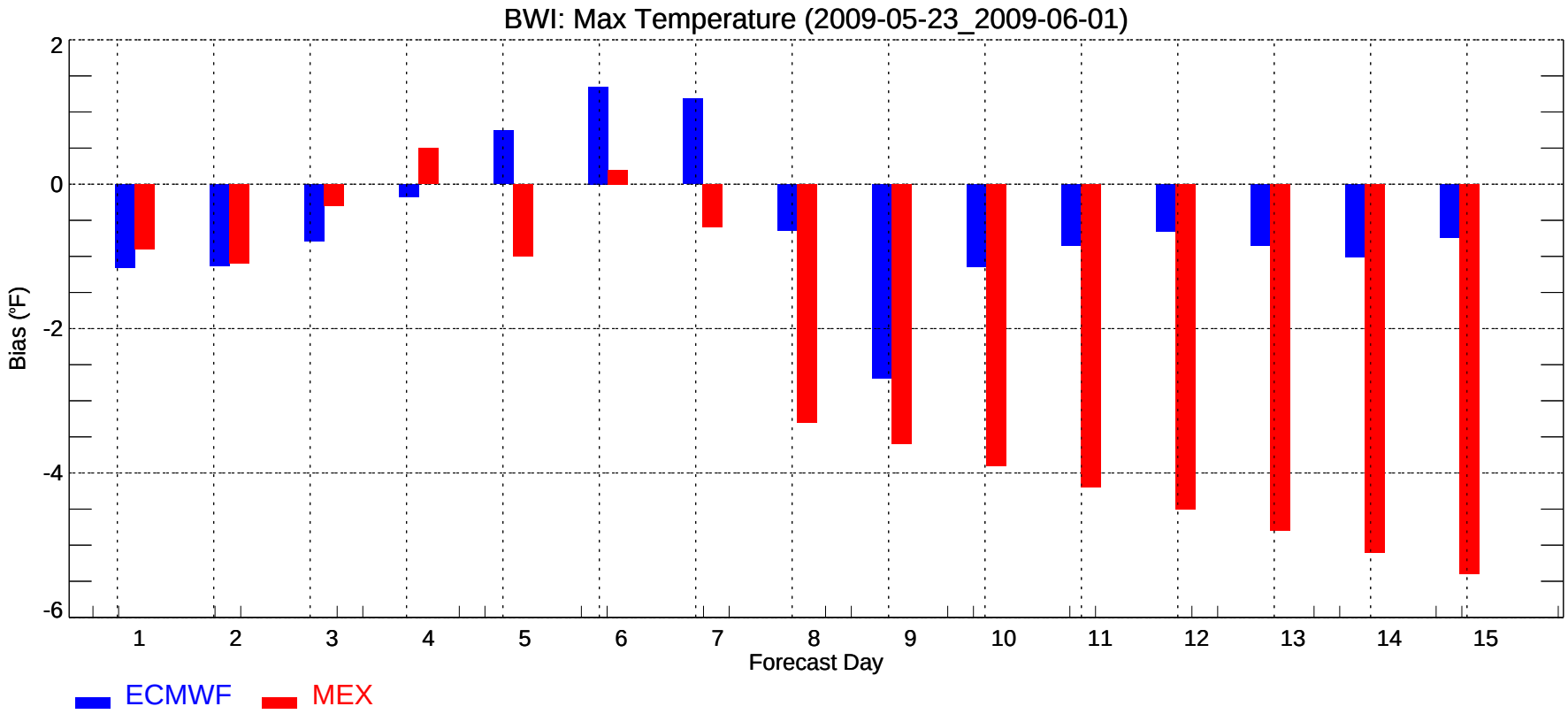
Forecast Day
ECMWF
MEX


BWI: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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-2
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-6
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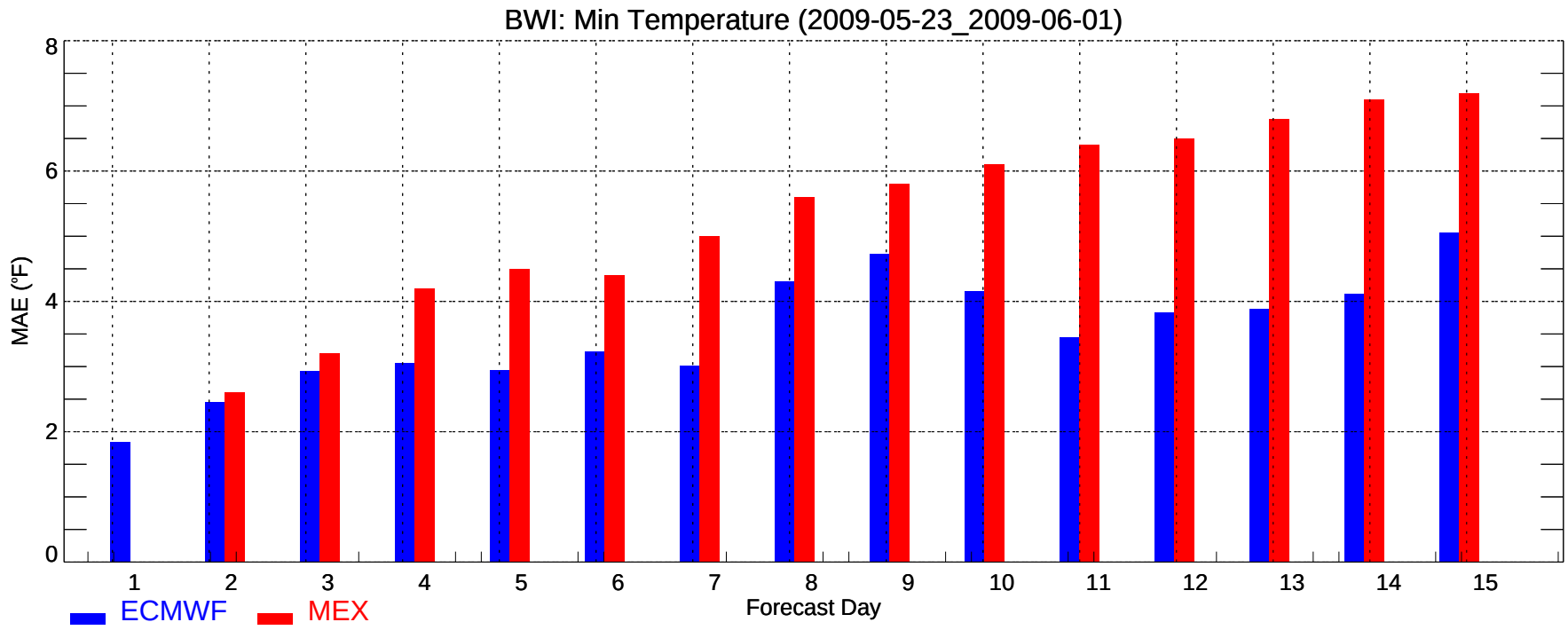
Forecast Day
ECMWF
MEX


BWI: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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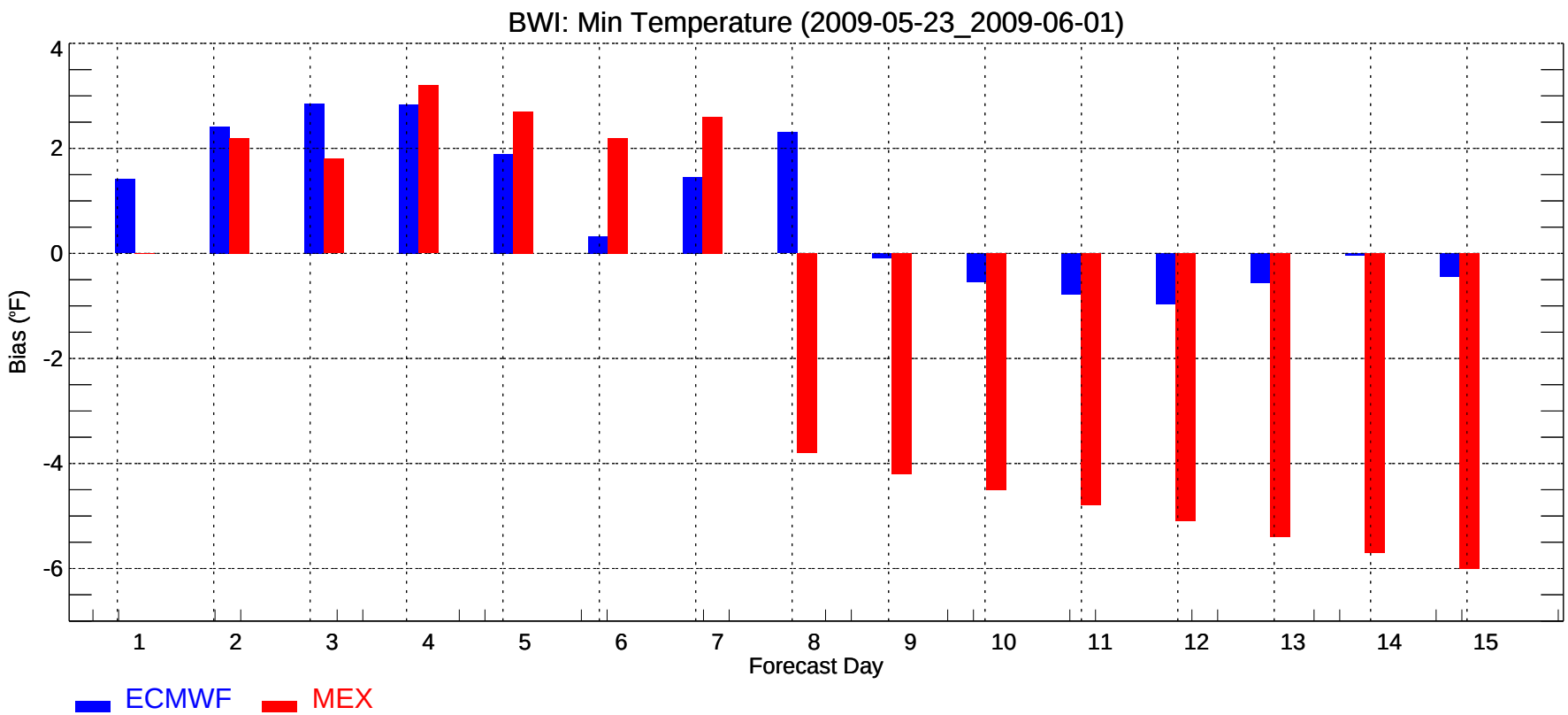
Forecast Day
ECMWF
MEX


BWI: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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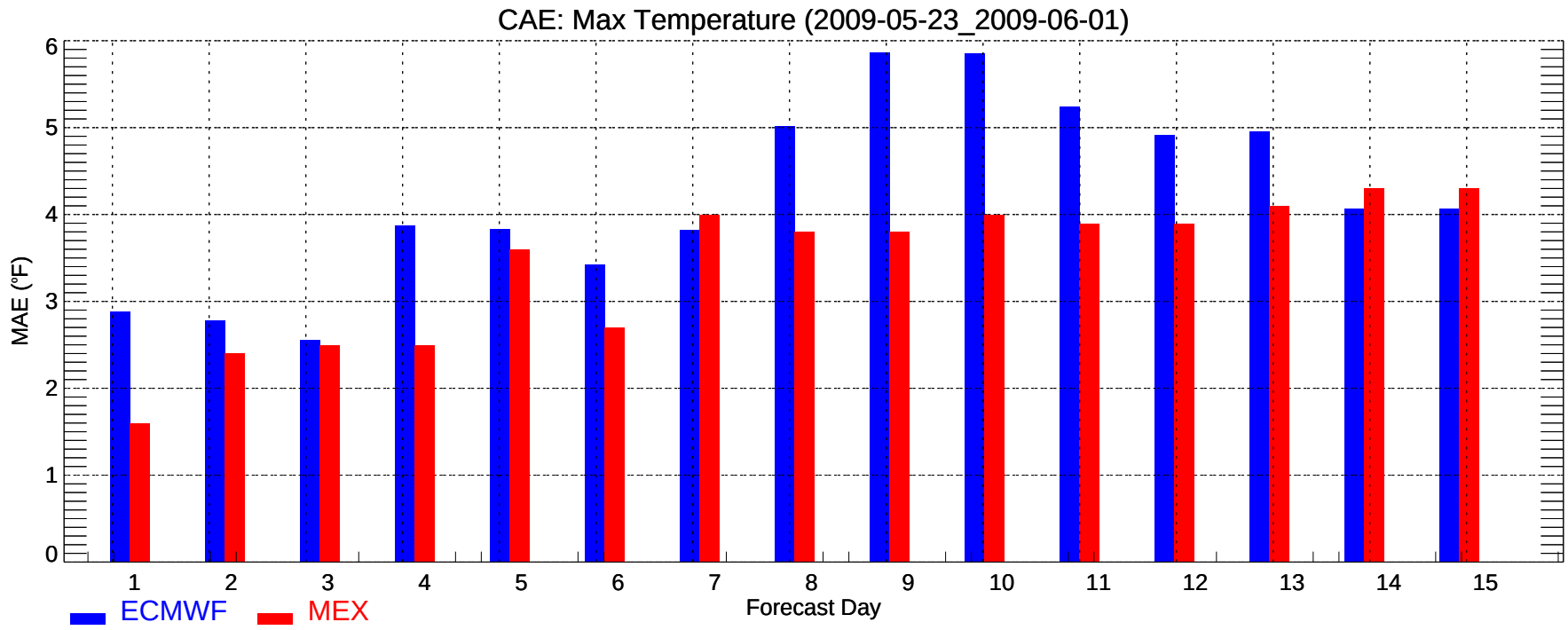
Forecast Day
ECMWF
MEX


CAE: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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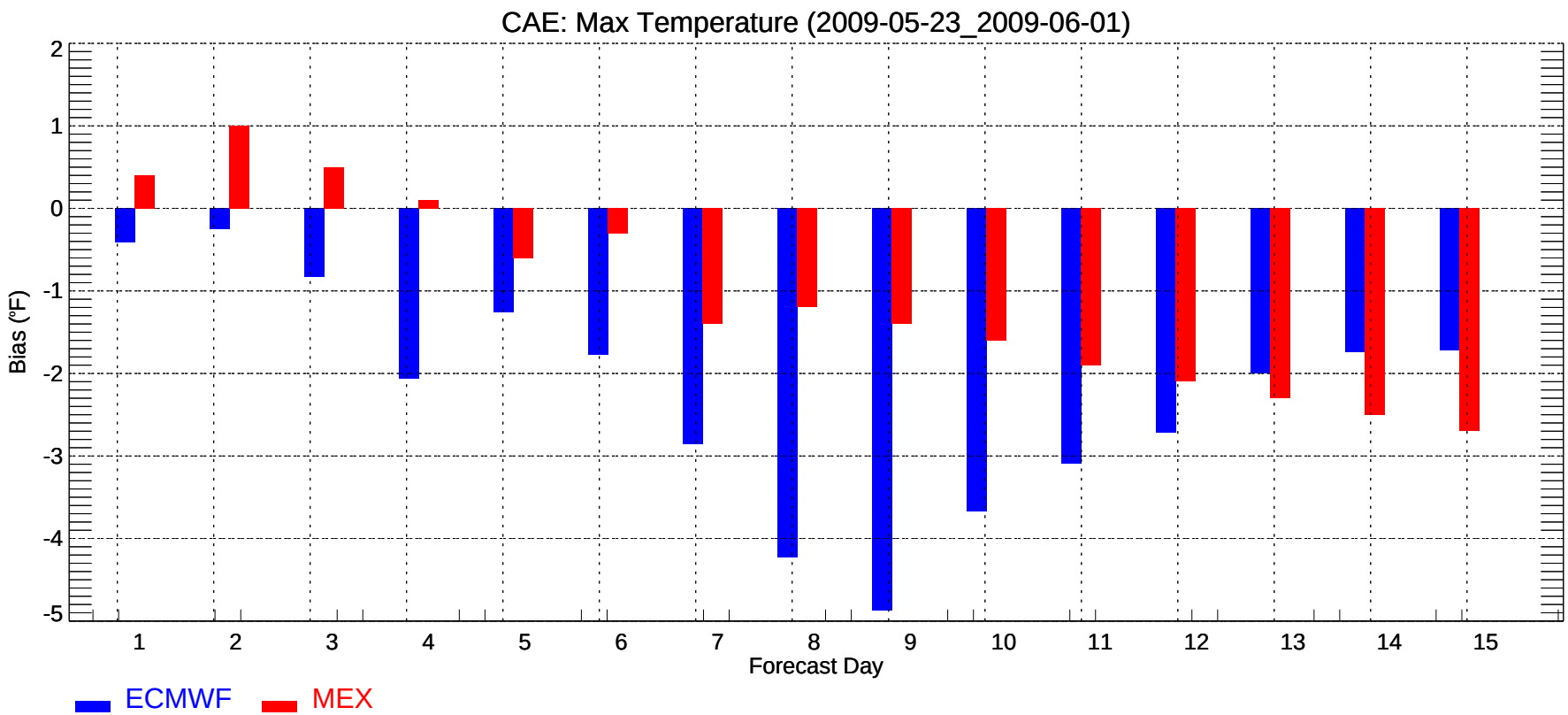
Forecast Day
ECMWF
MEX


CAE: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
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-1
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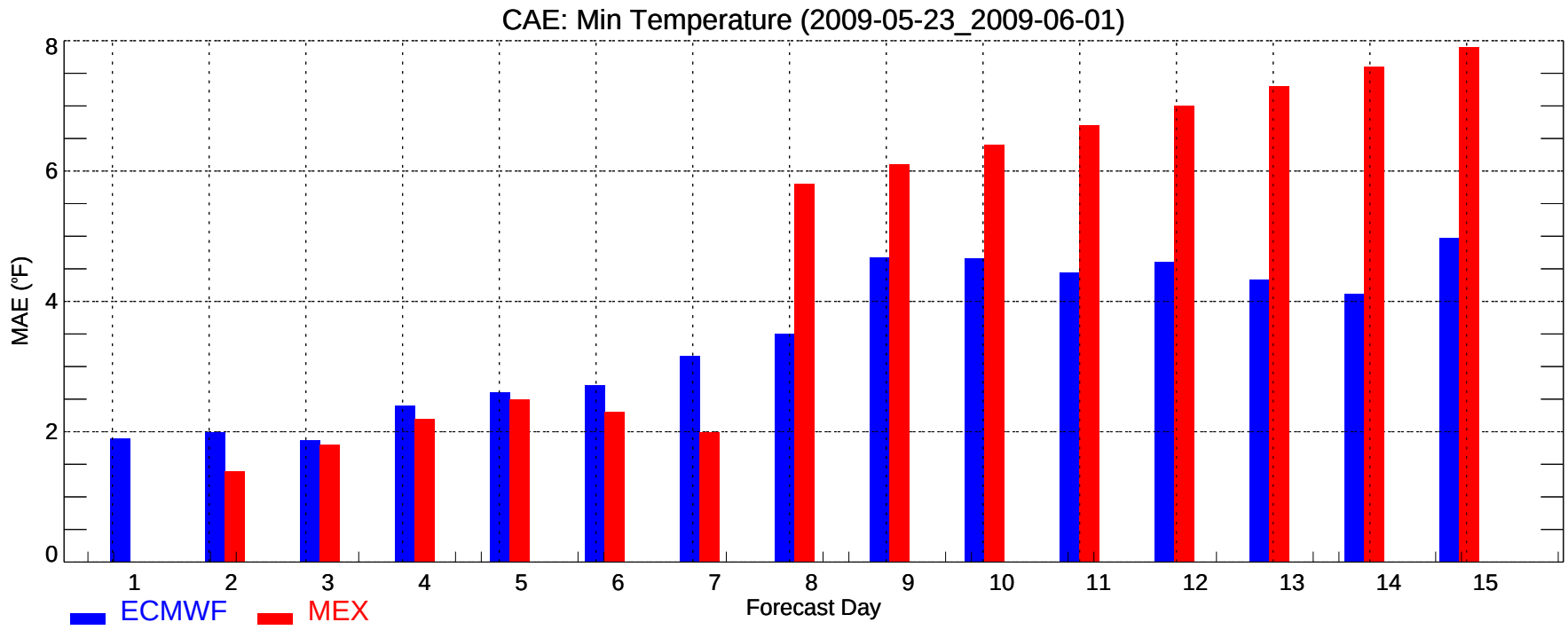
Forecast Day
ECMWF
MEX


CAE: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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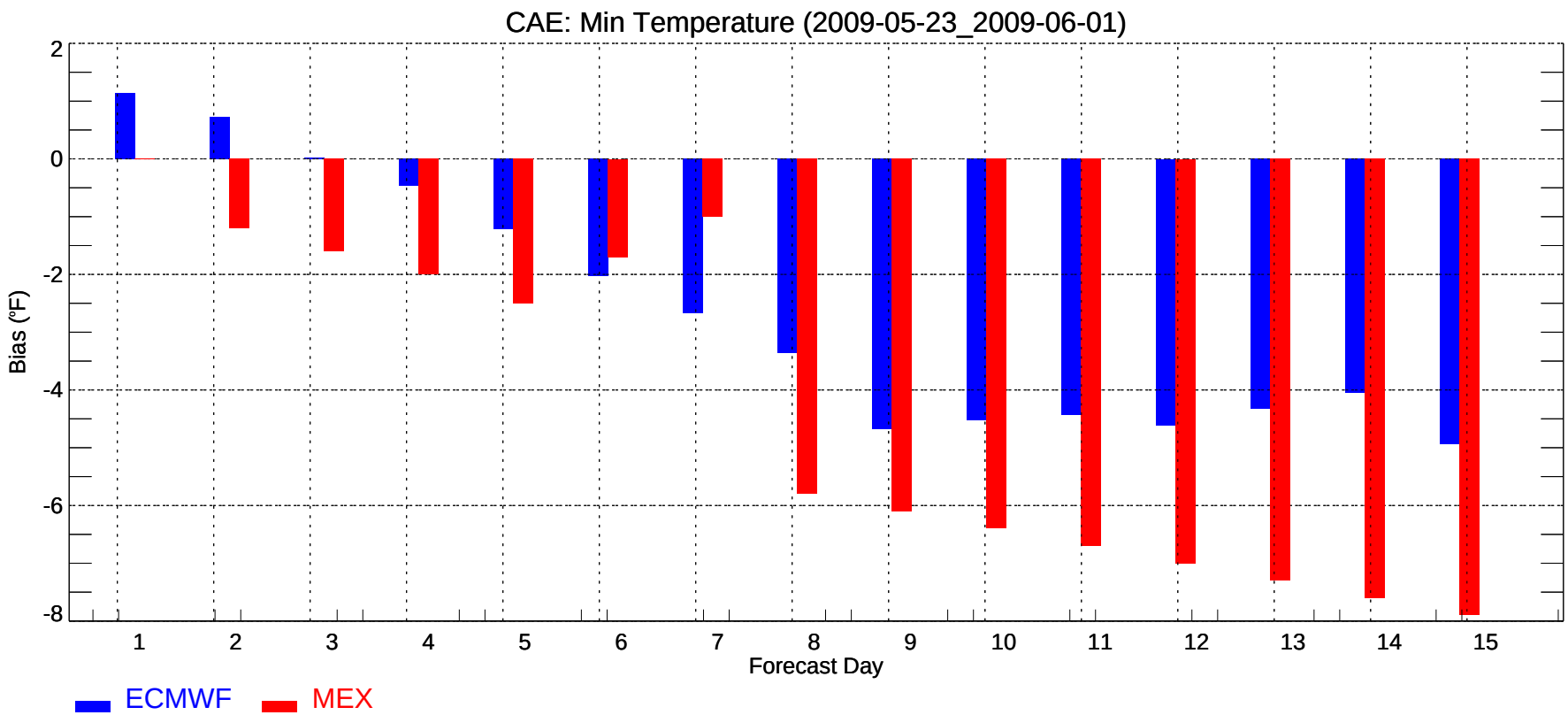
Forecast Day
ECMWF
MEX


CAE: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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Forecast Day
ECMWF
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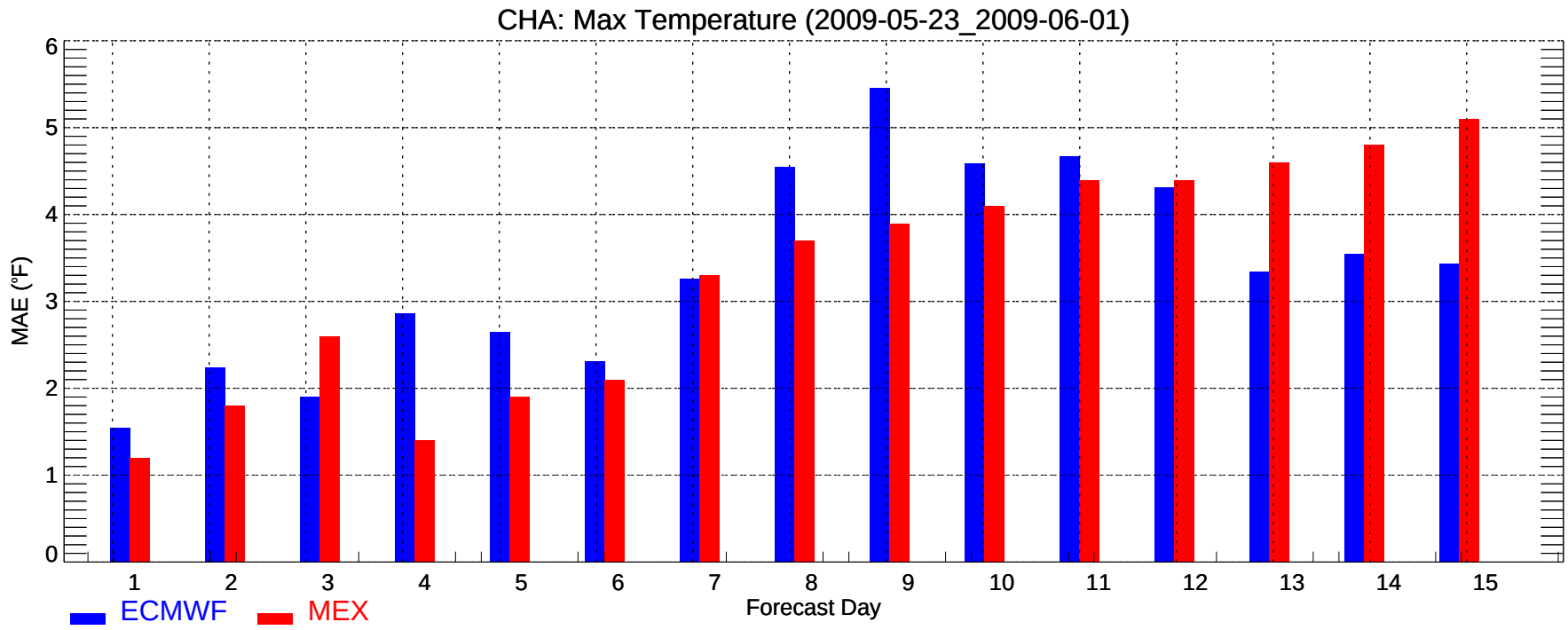
CHA: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
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Forecast Day
ECMWF
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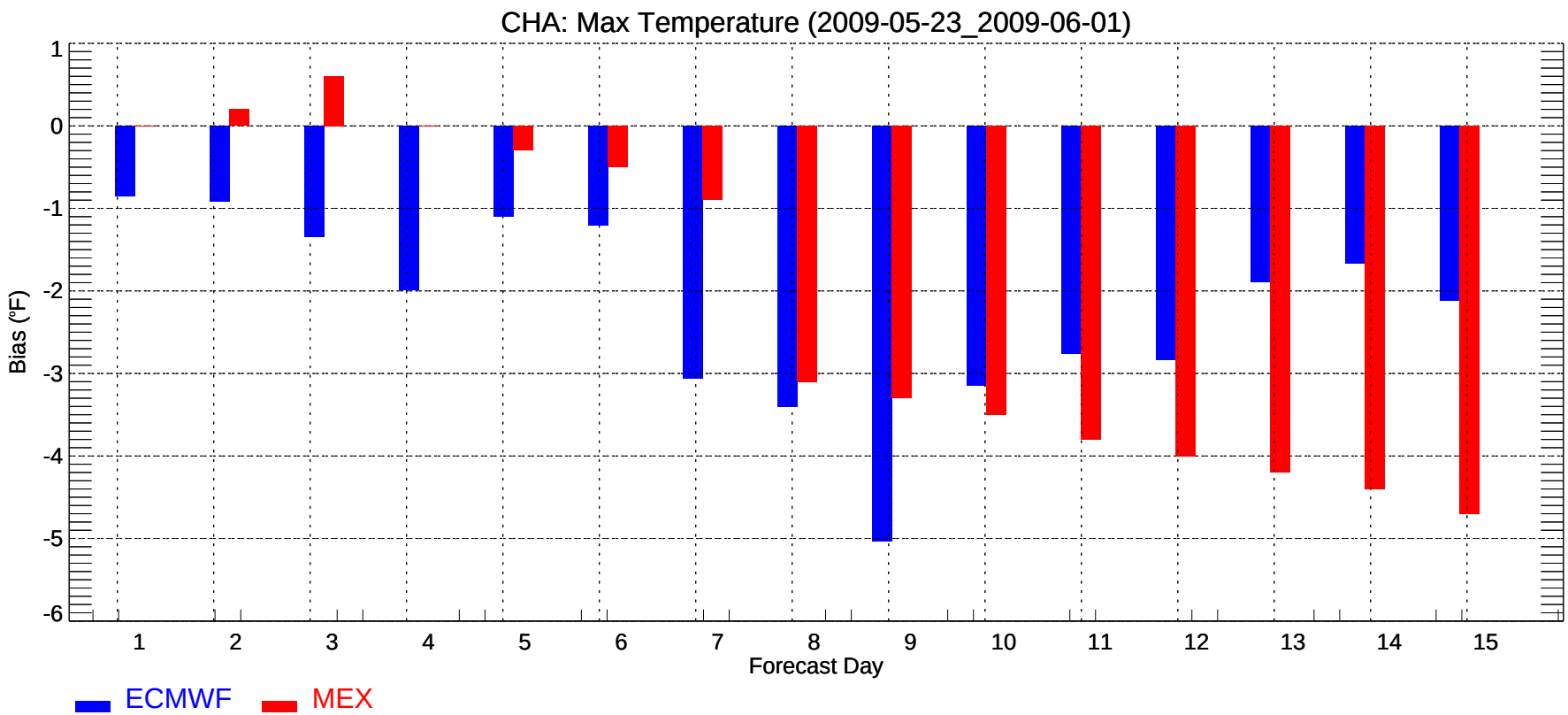
CHA: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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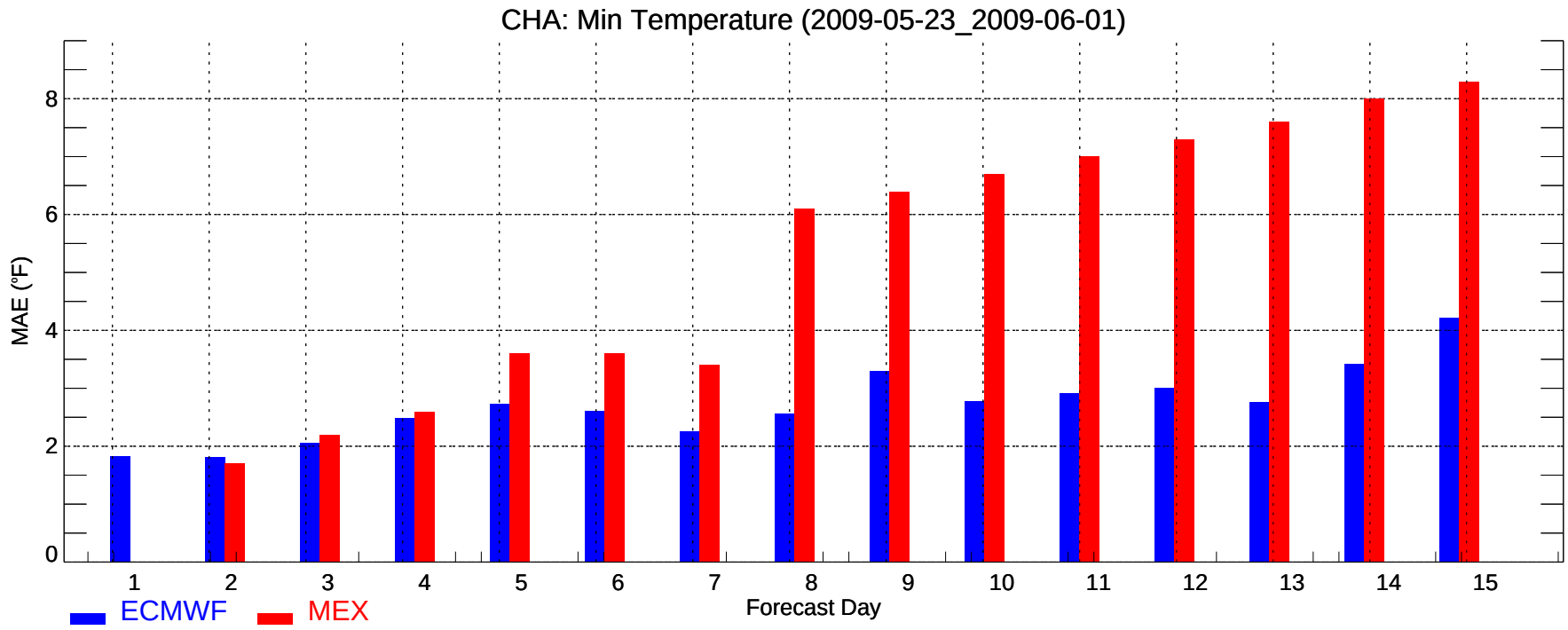
Forecast Day
ECMWF
MEX


CHA: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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Forecast Day
ECMWF
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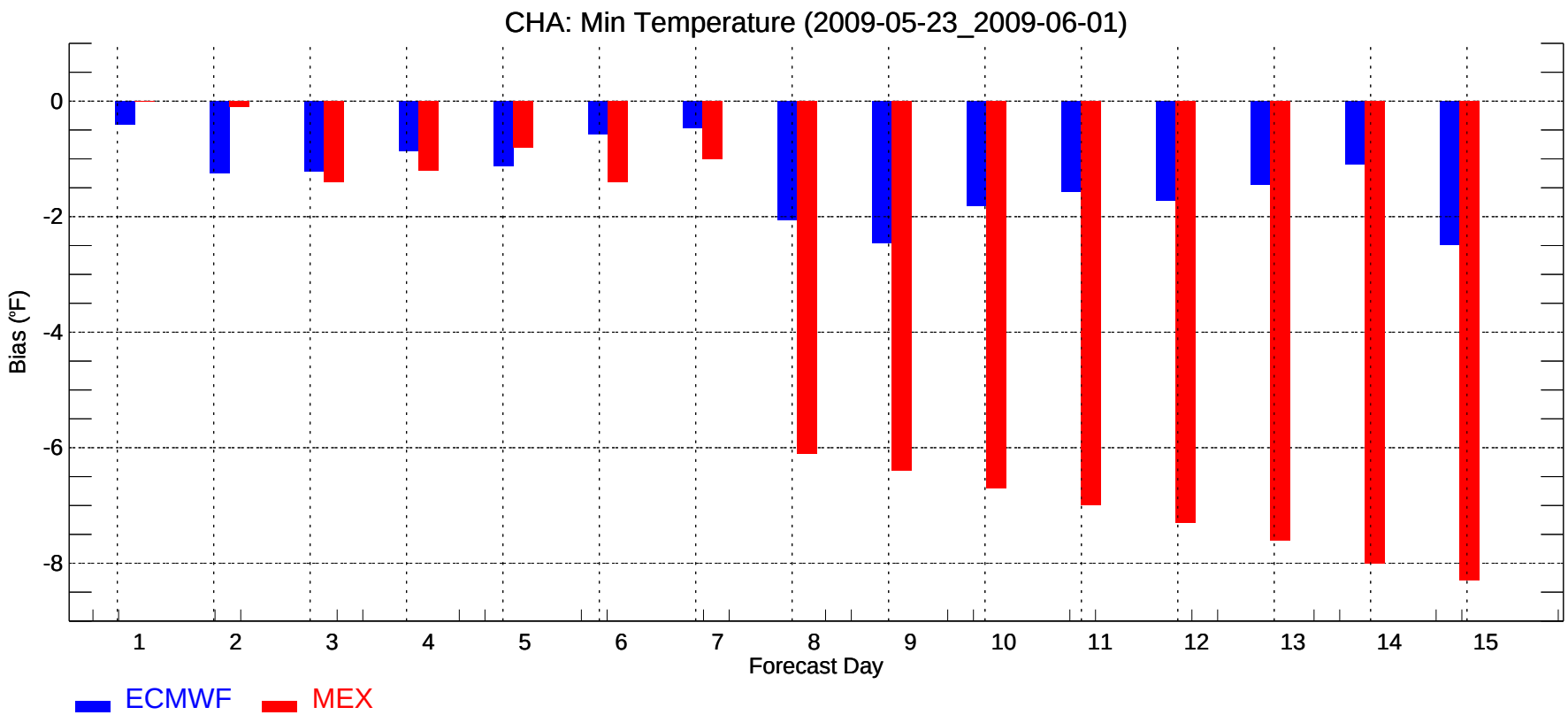
CHA: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
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-6
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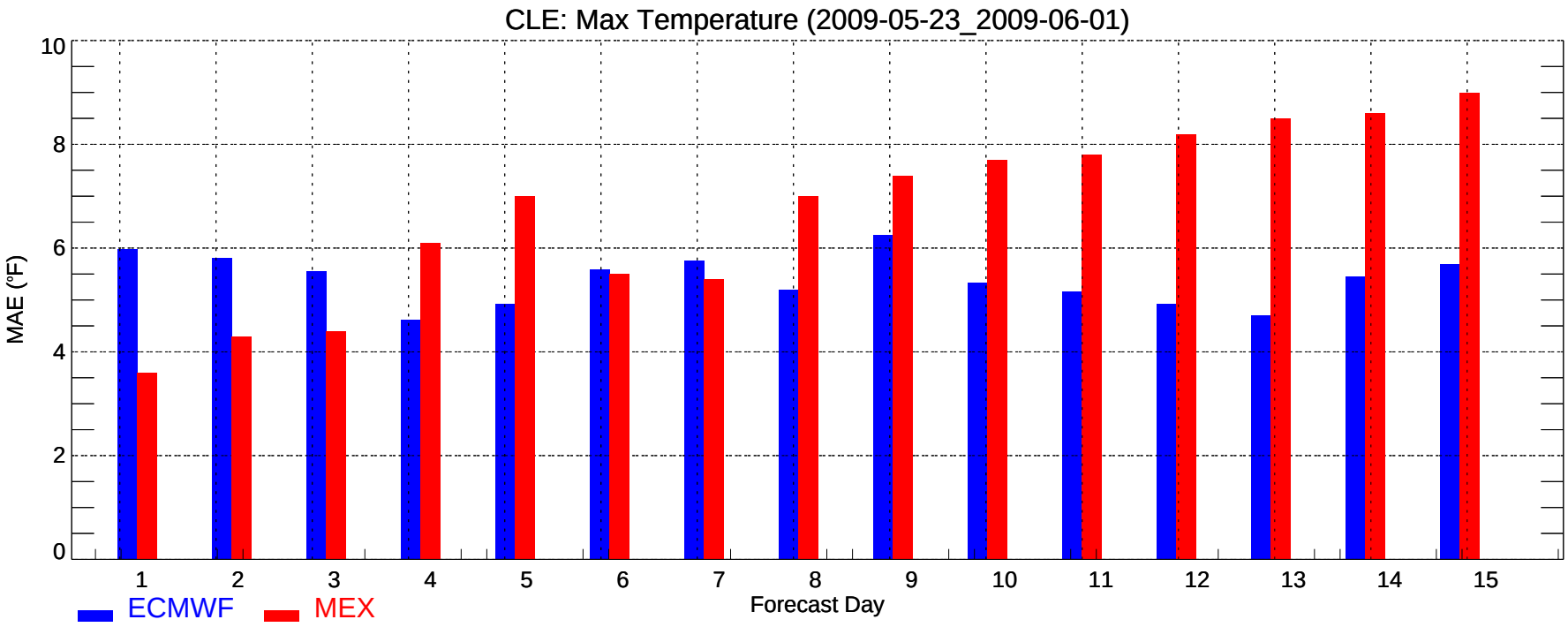
Forecast Day
ECMWF
MEX


CLE: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
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Forecast Day
ECMWF
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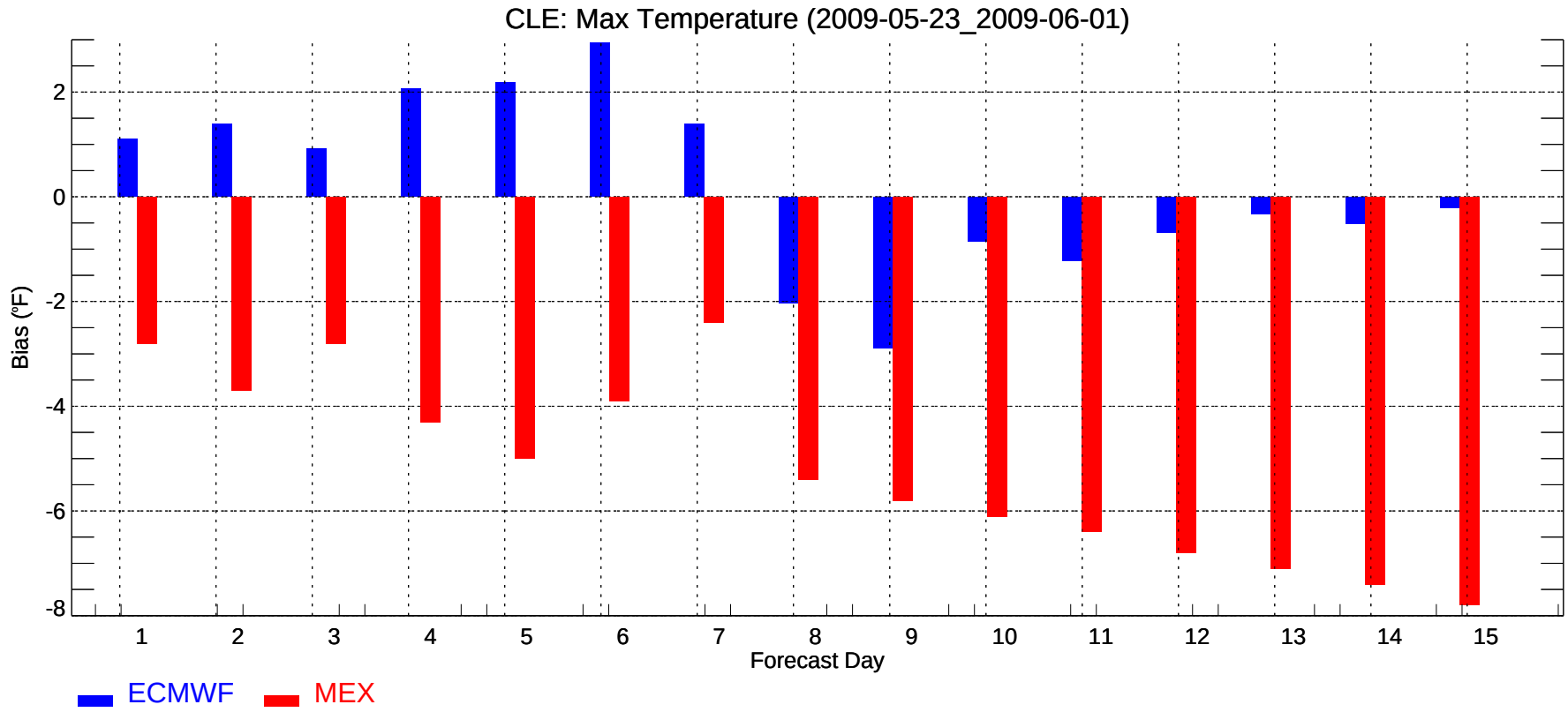
CLE: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
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-2
-4
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Forecast Day
ECMWF
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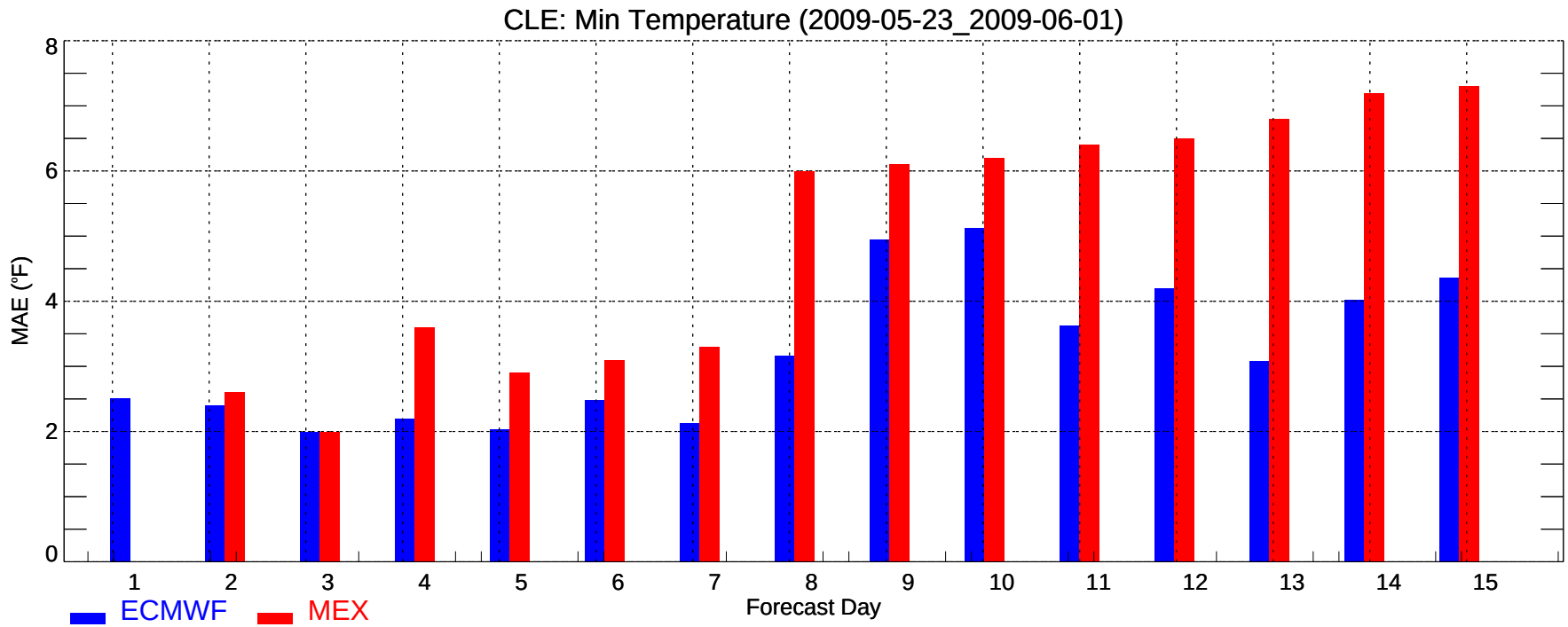
CLE: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
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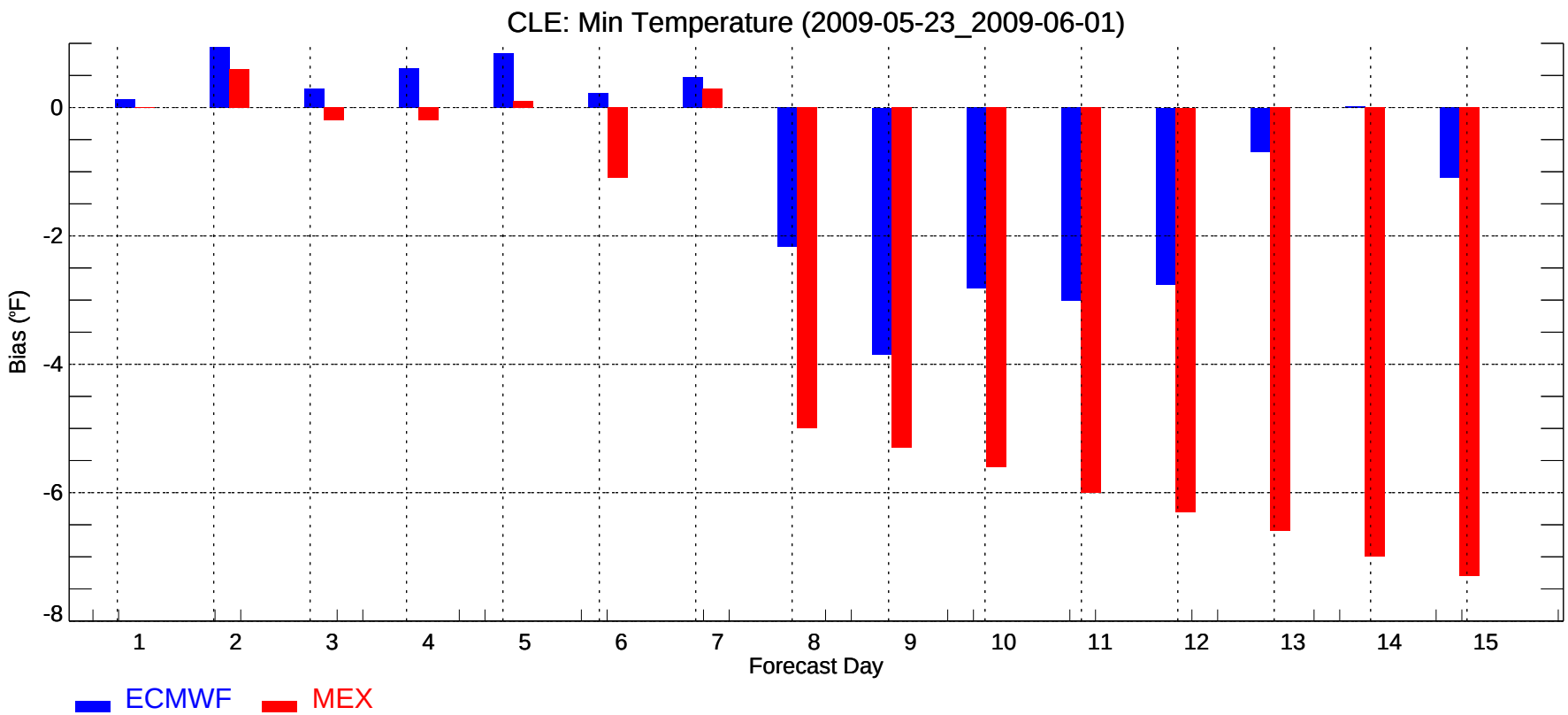
Forecast Day
ECMWF
MEX


CLE: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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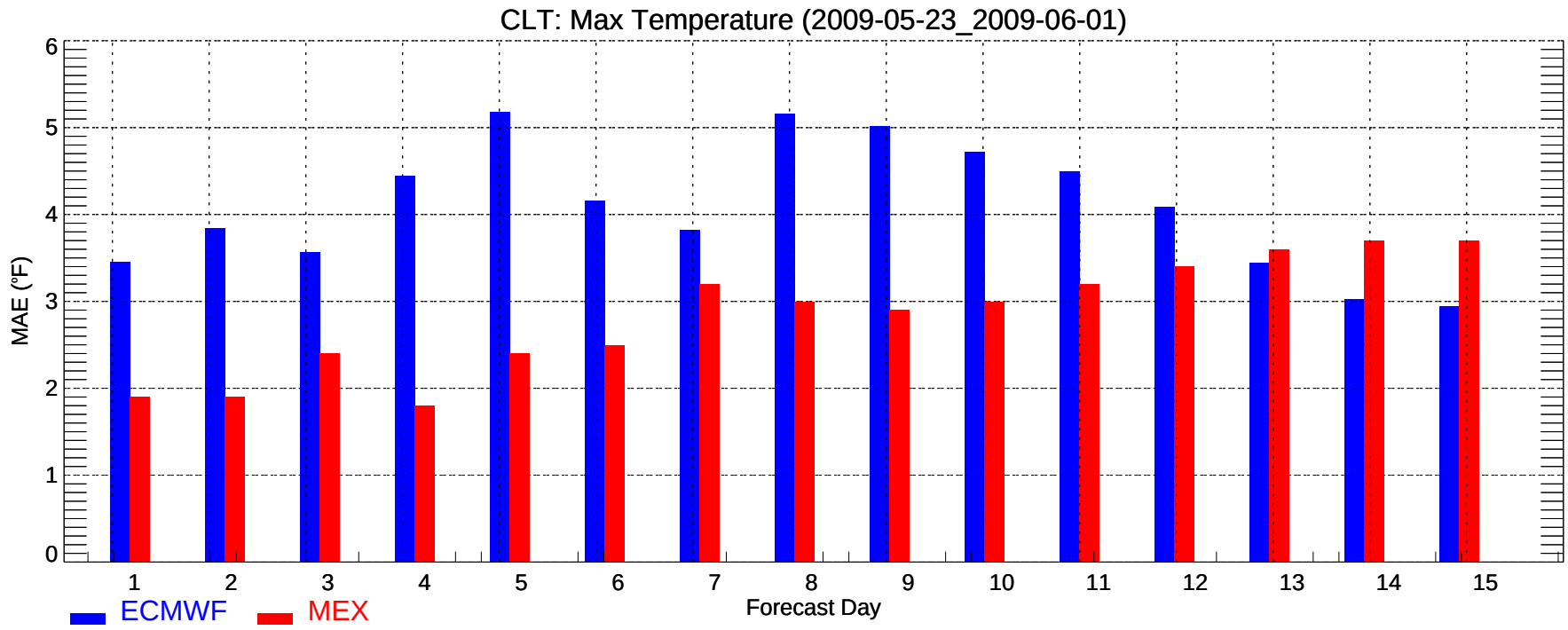
Forecast Day
ECMWF
MEX


CLT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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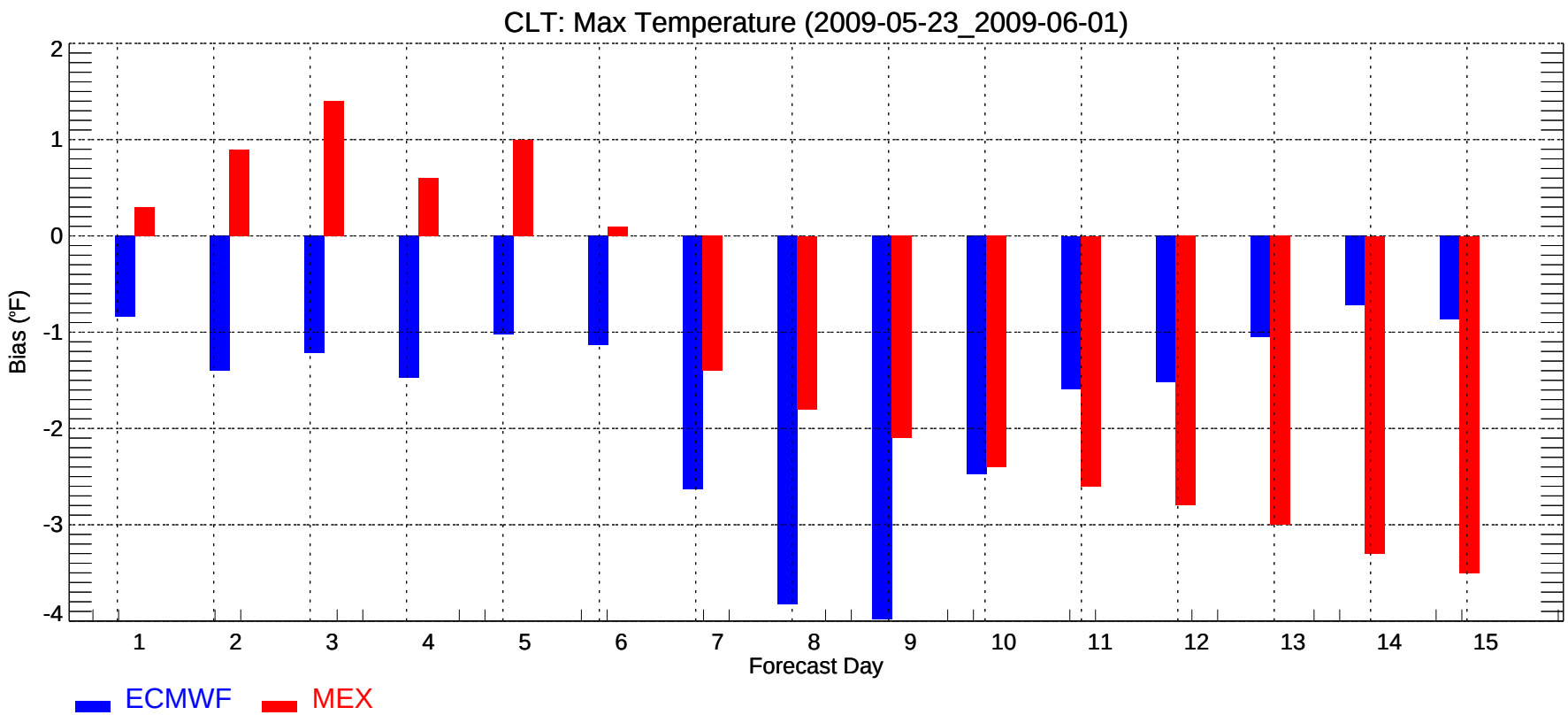
Forecast Day
ECMWF
MEX


CLT: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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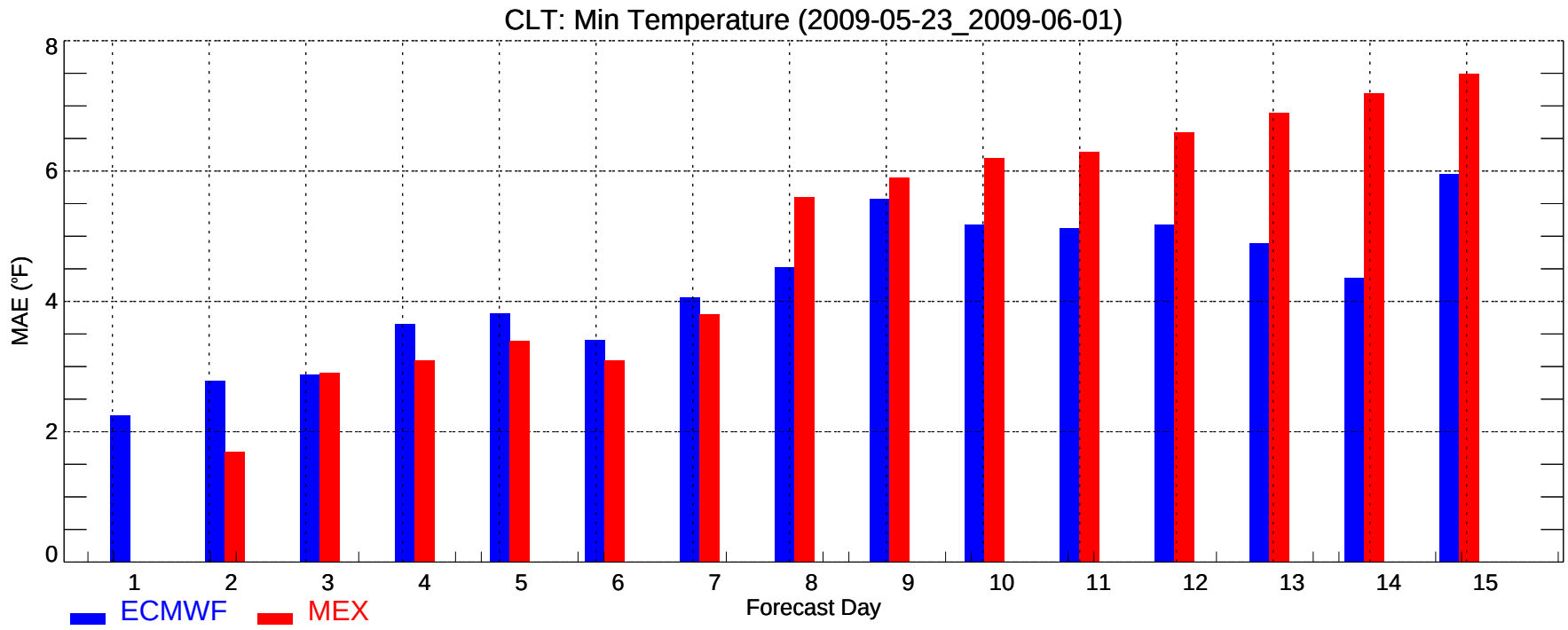
Forecast Day
ECMWF
MEX


CLT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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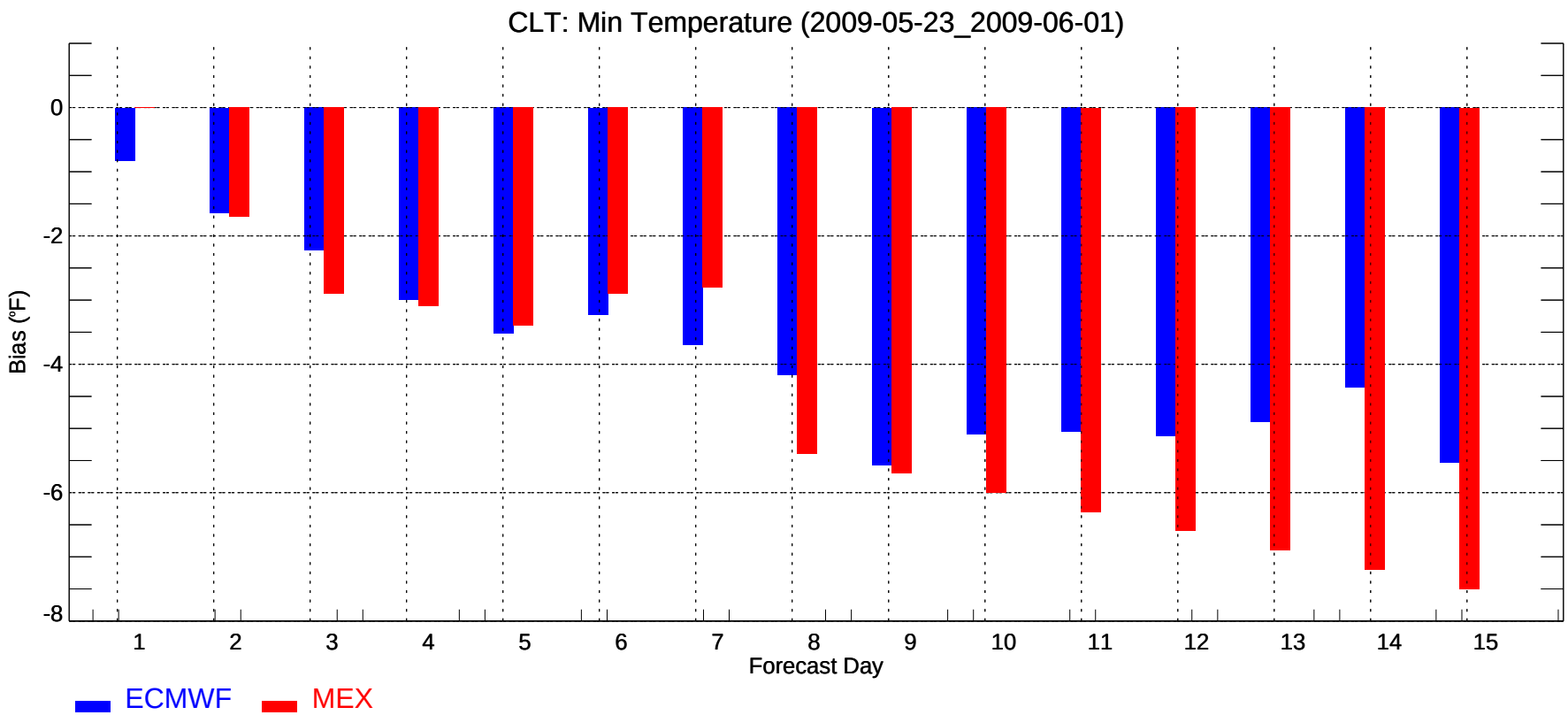
Forecast Day
ECMWF
MEX


CLT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
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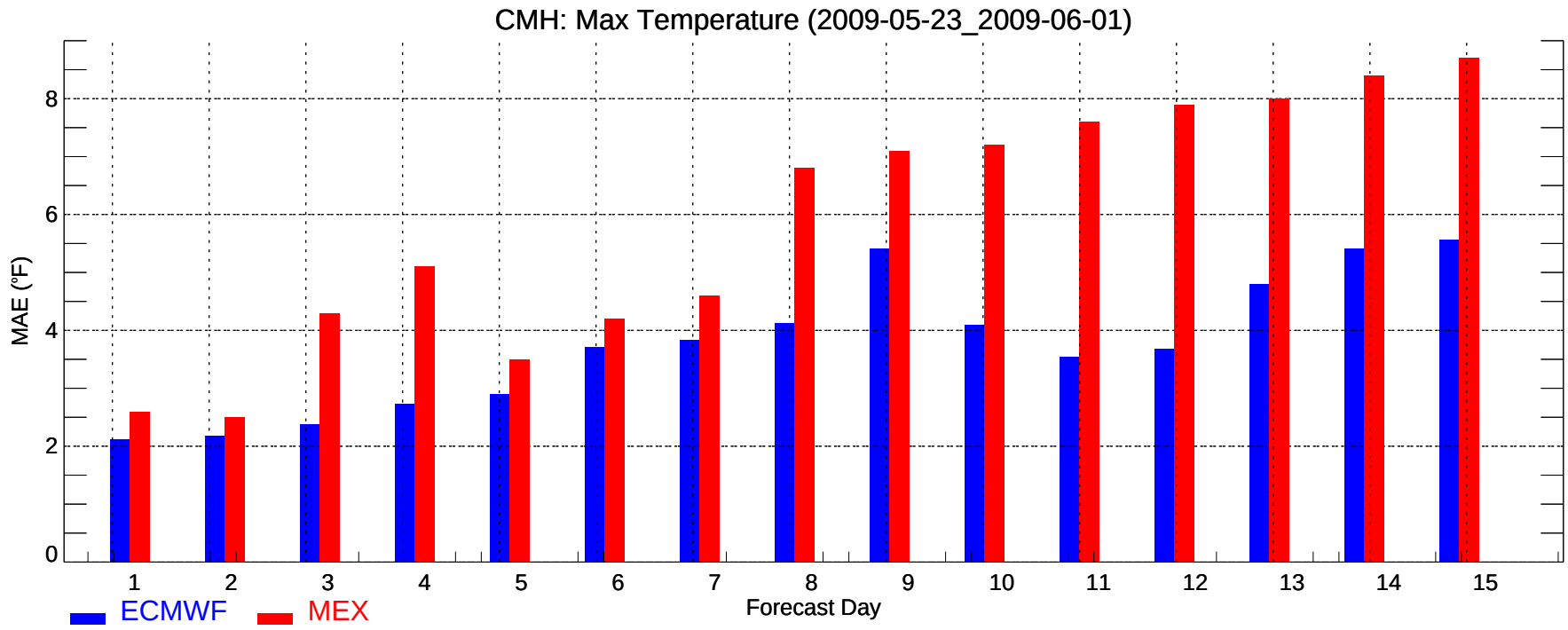
Forecast Day
ECMWF
MEX


CMH: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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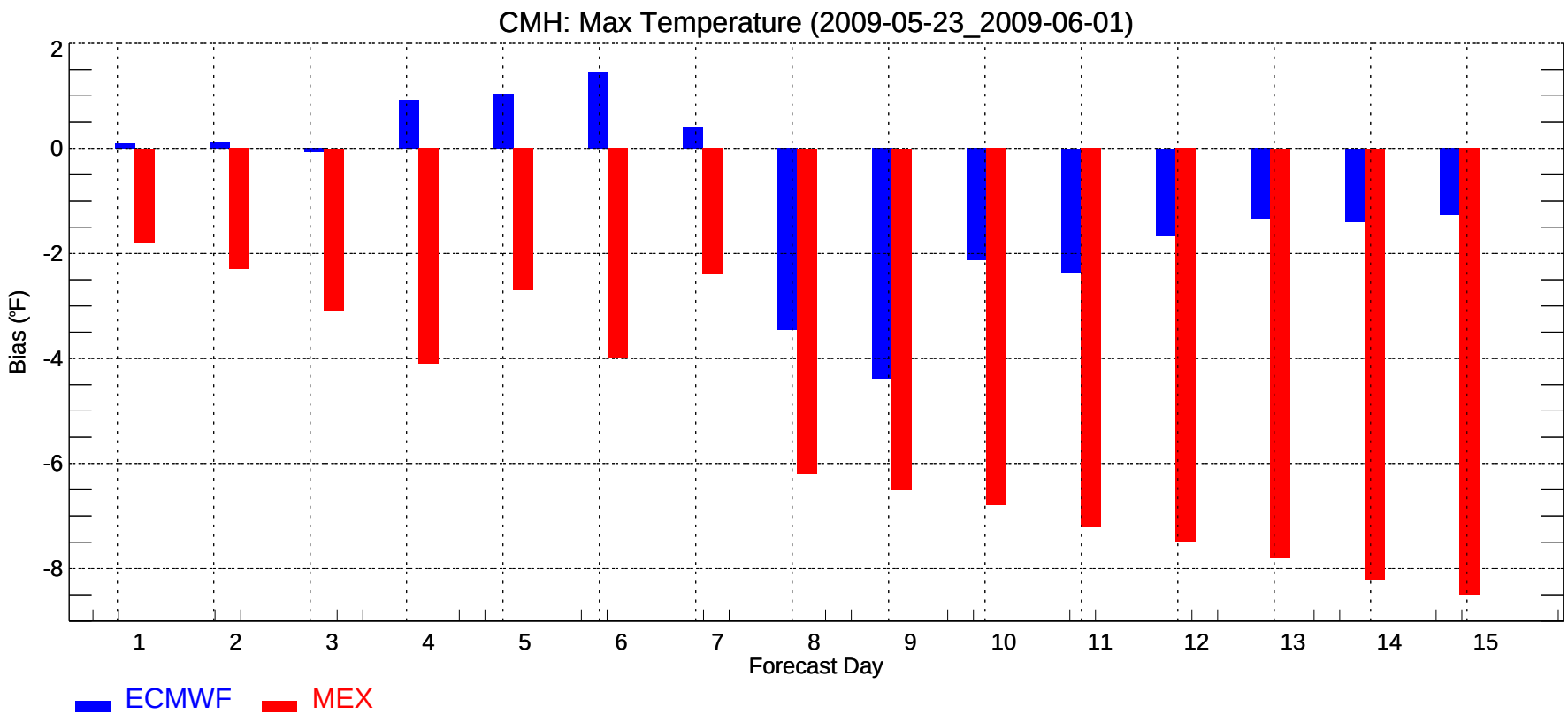
Forecast Day
ECMWF
MEX


CMH: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
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-2
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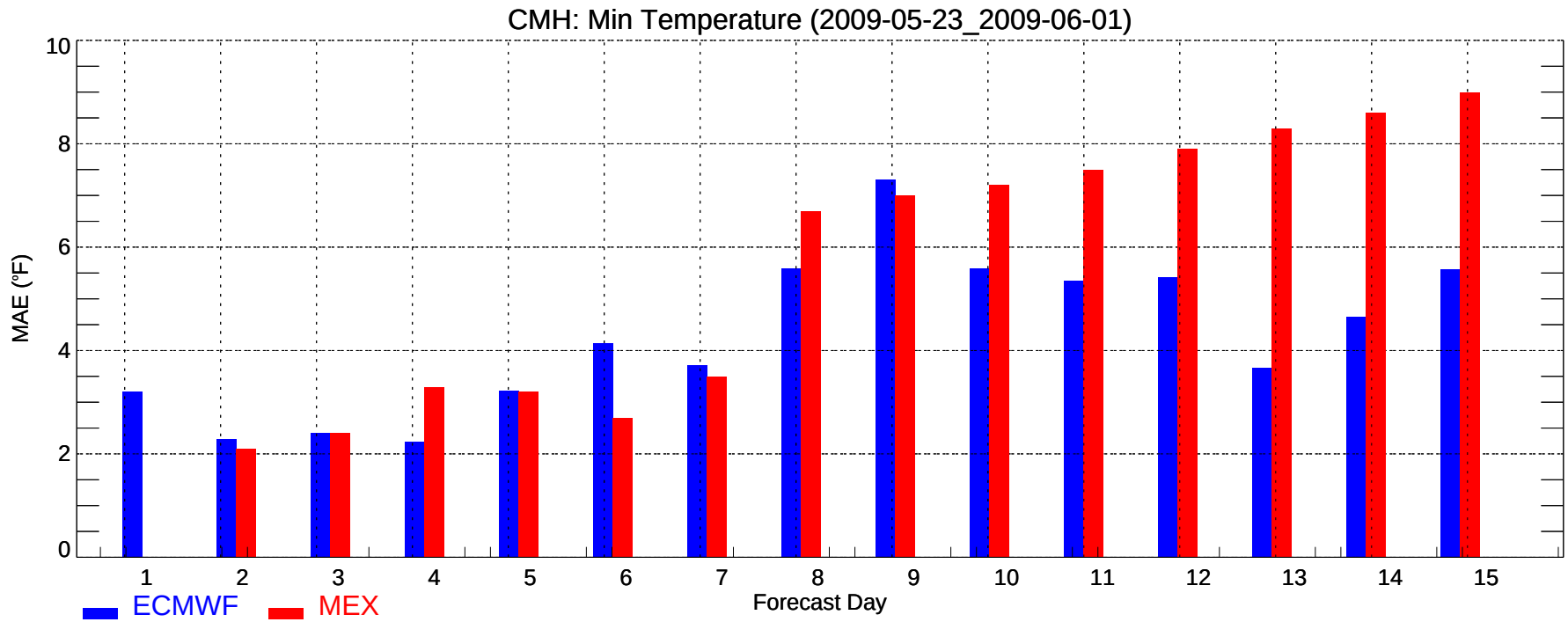
Forecast Day
ECMWF
MEX


CMH: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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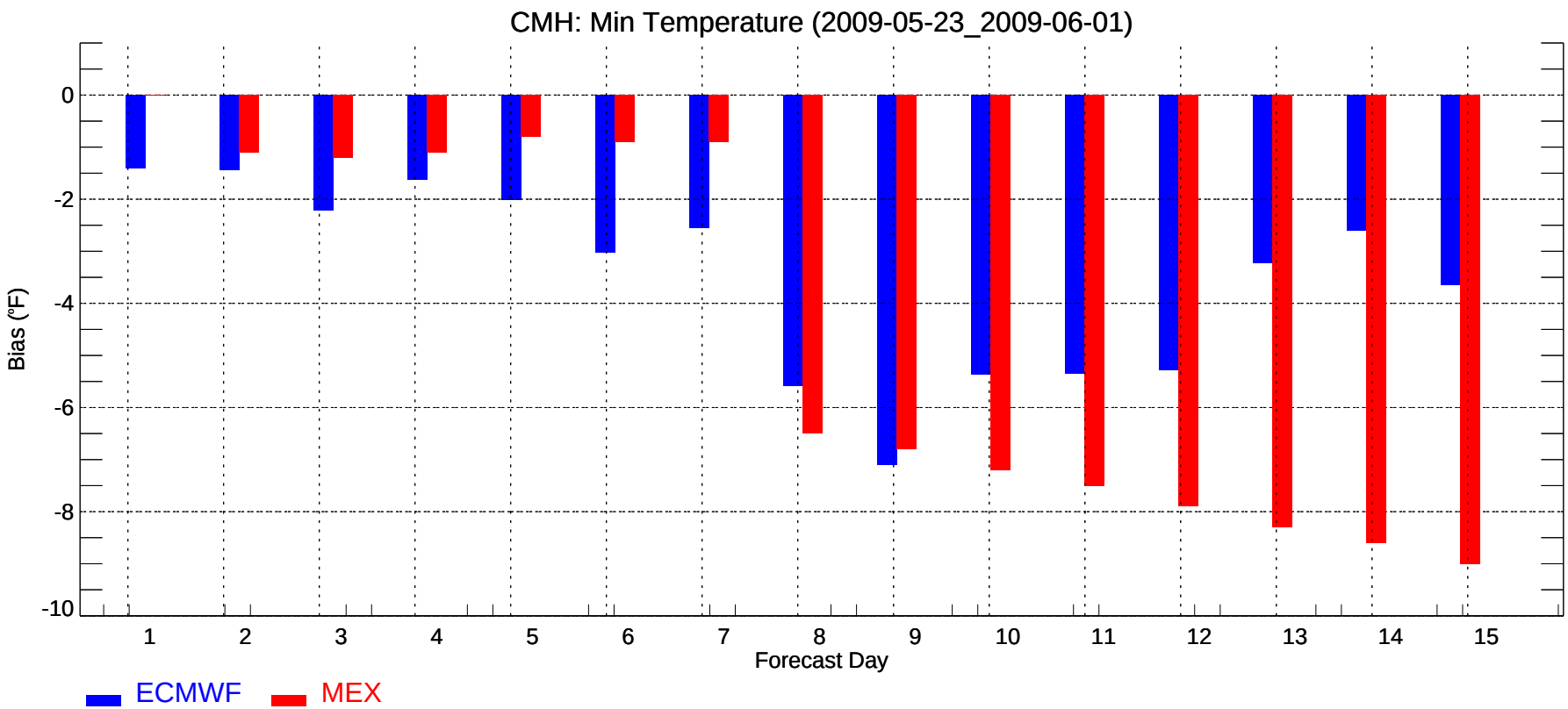
14
15
Forecast Day
ECMWF
MEX


CMH: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
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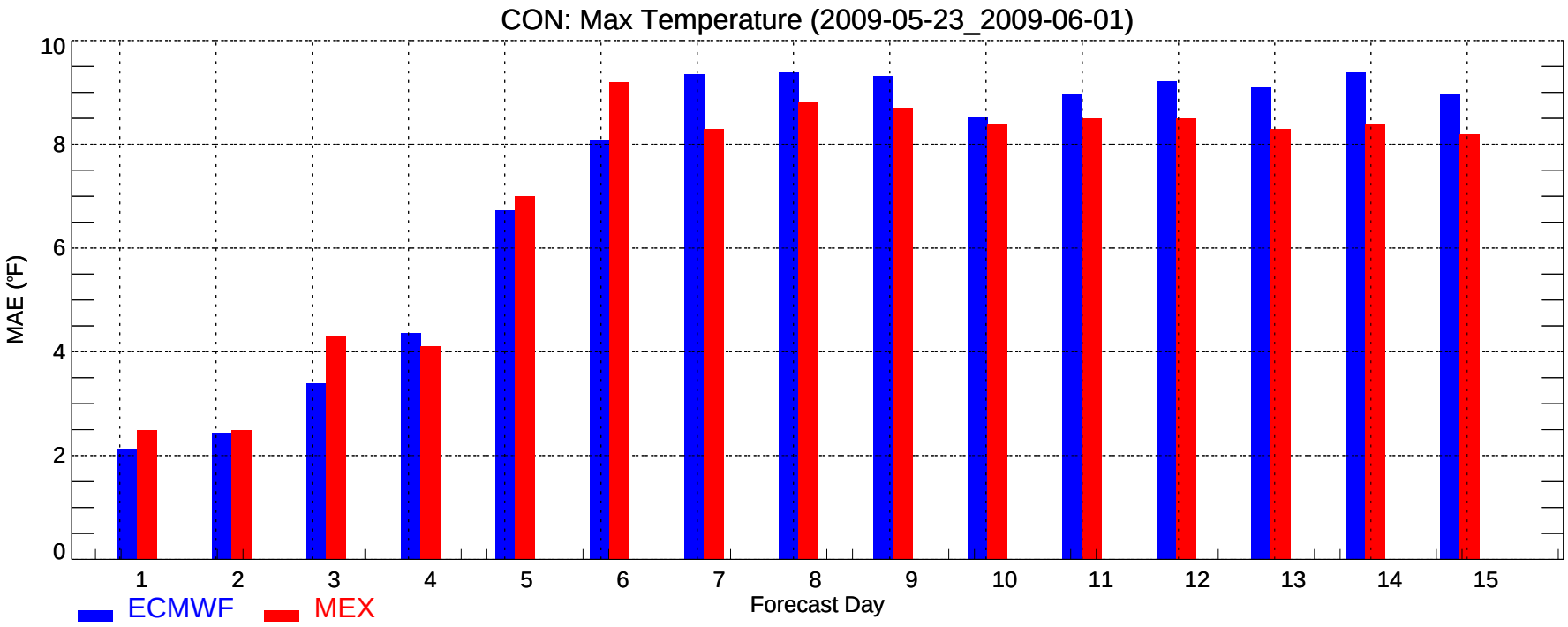
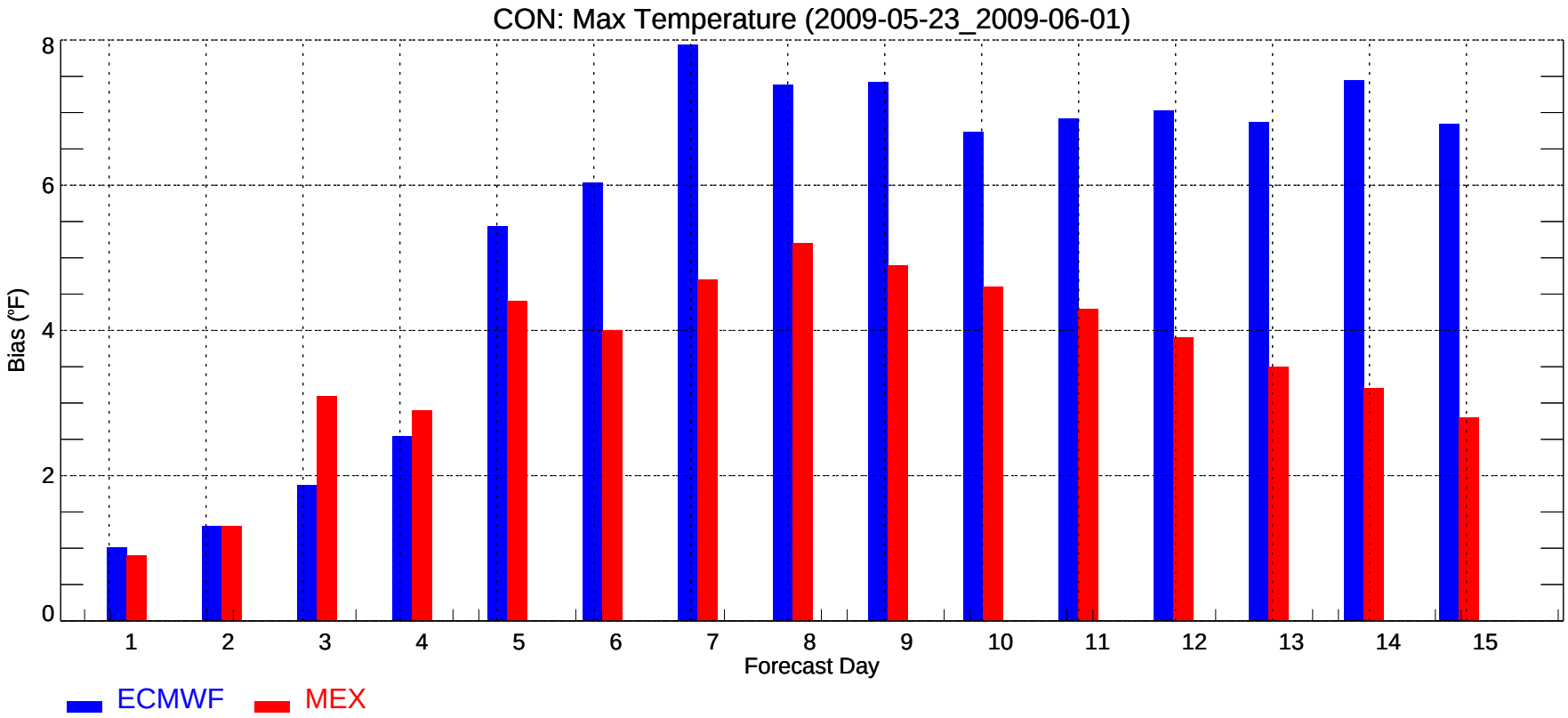
13
14
15
Forecast Day
ECMWF
MEX


CON: Max Temperature (2009-05-23_2009-06-01)
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


CON: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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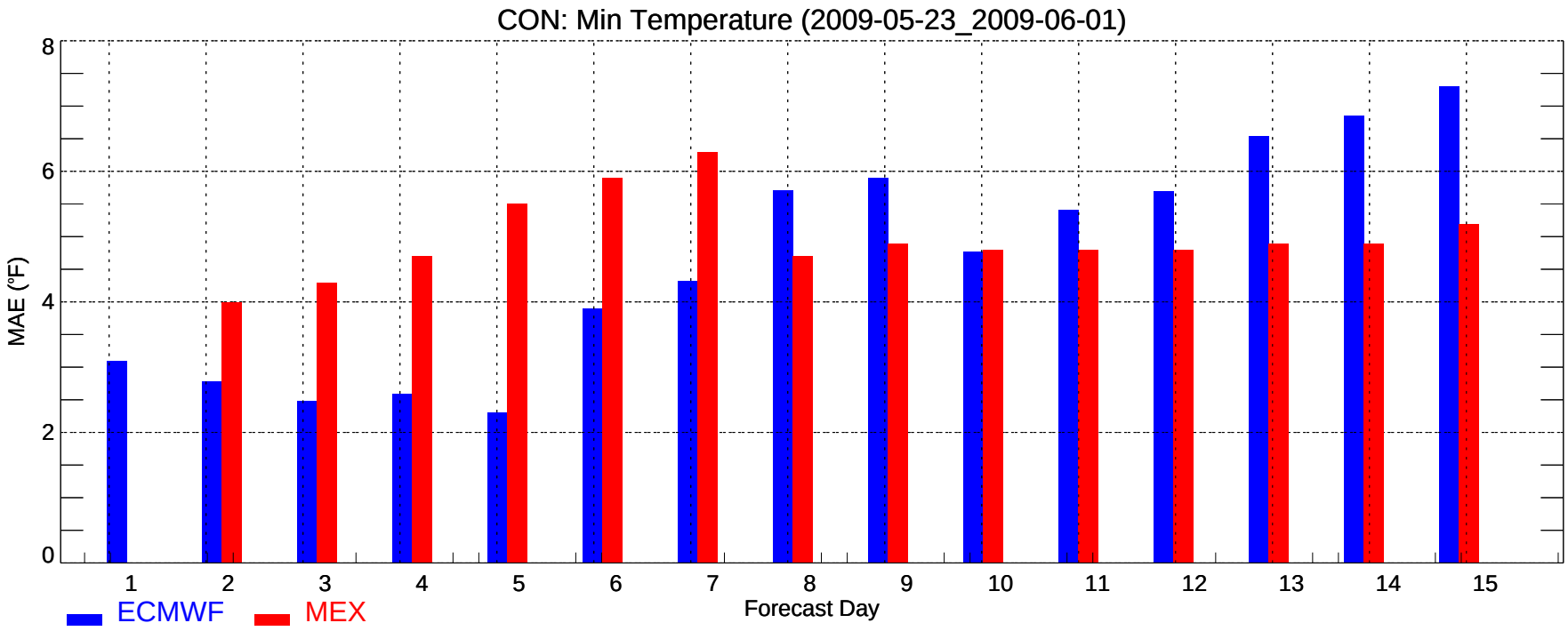
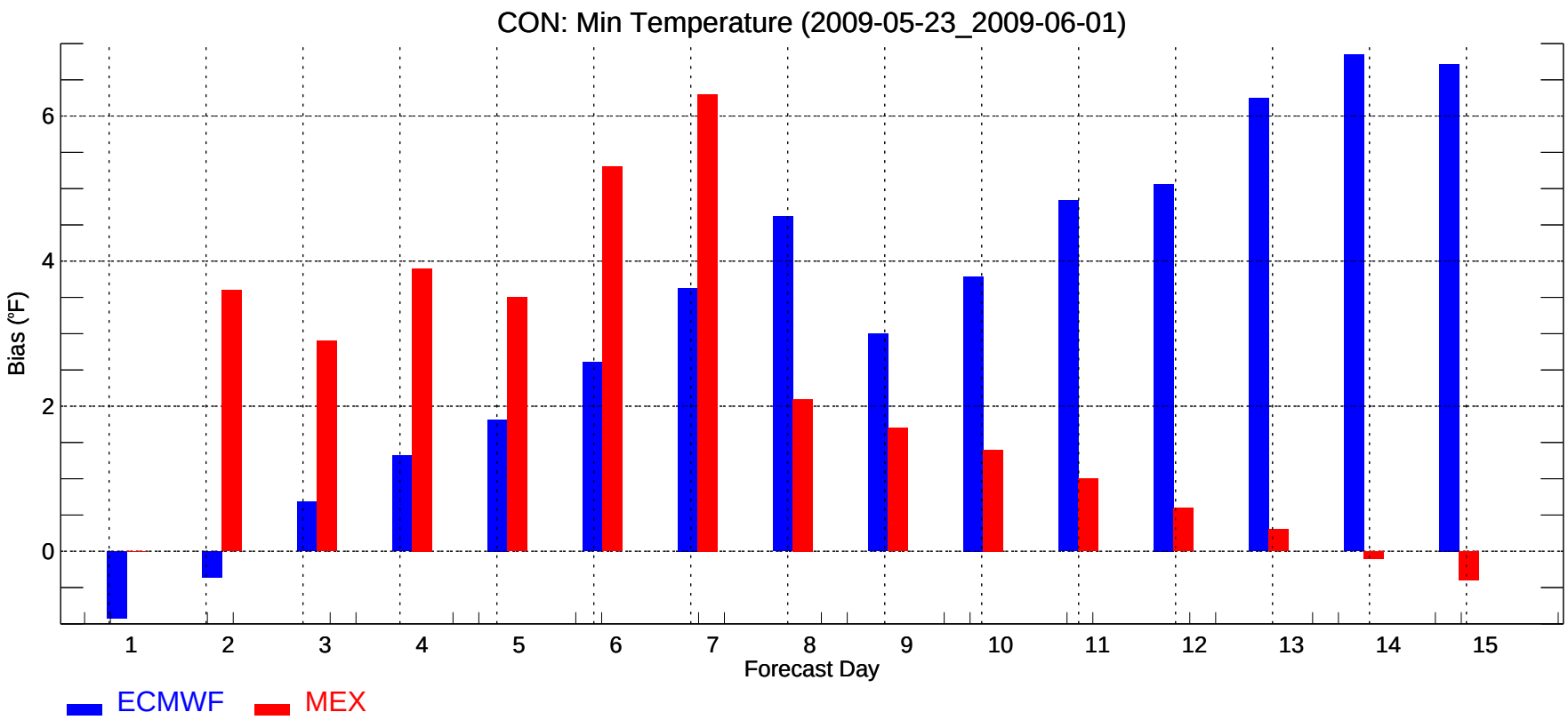
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CON: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CON: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
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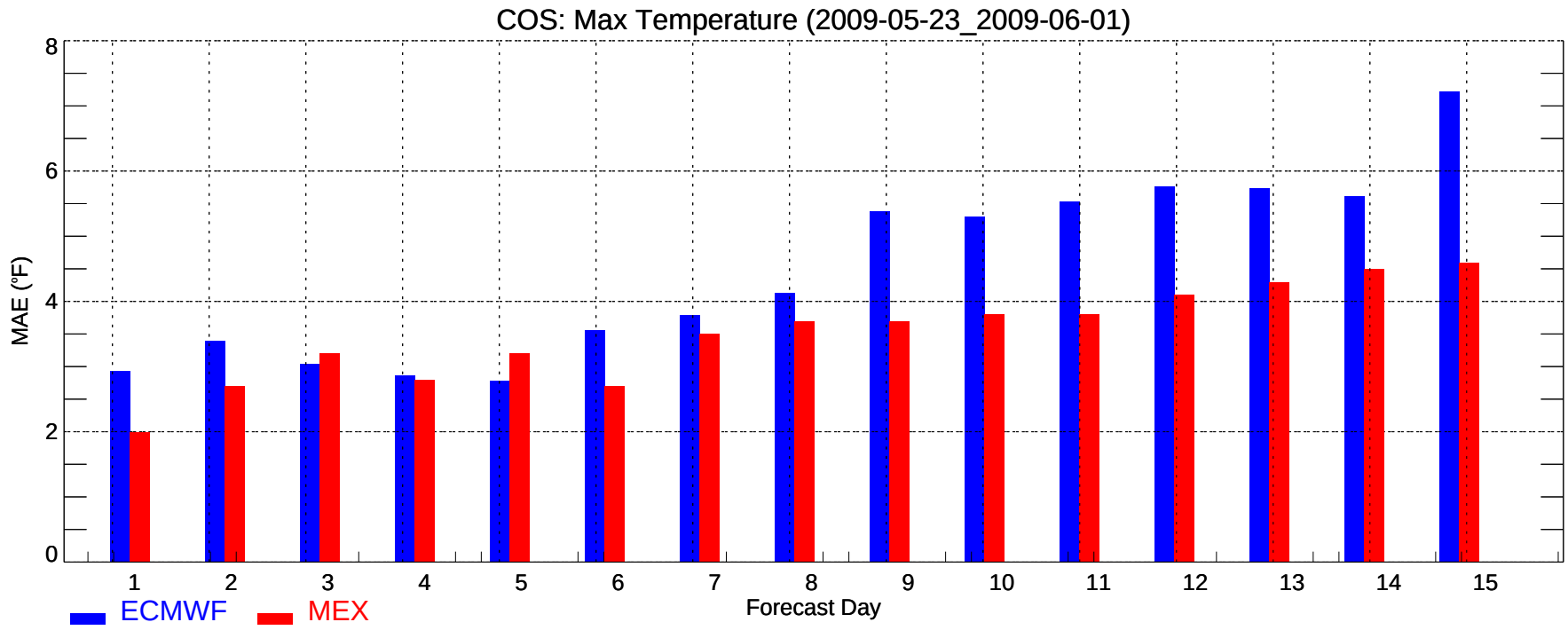
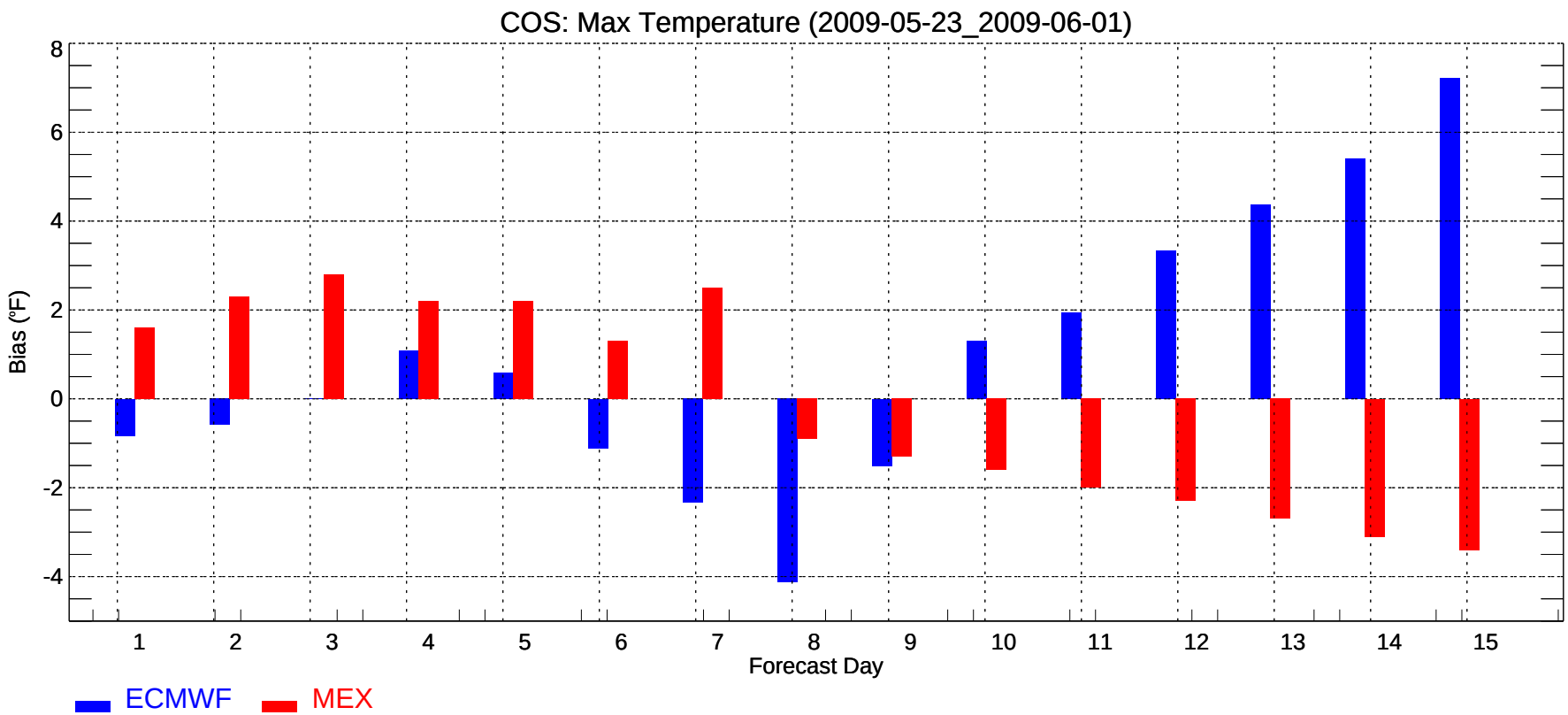
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COS: Max Temperature (2009-05-23_2009-06-01)
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 (2009-05-23_2009-06-01)
Bias (°F)
8
6
4
2
0
-2
-4
1
2
3
4
5
6
7
8
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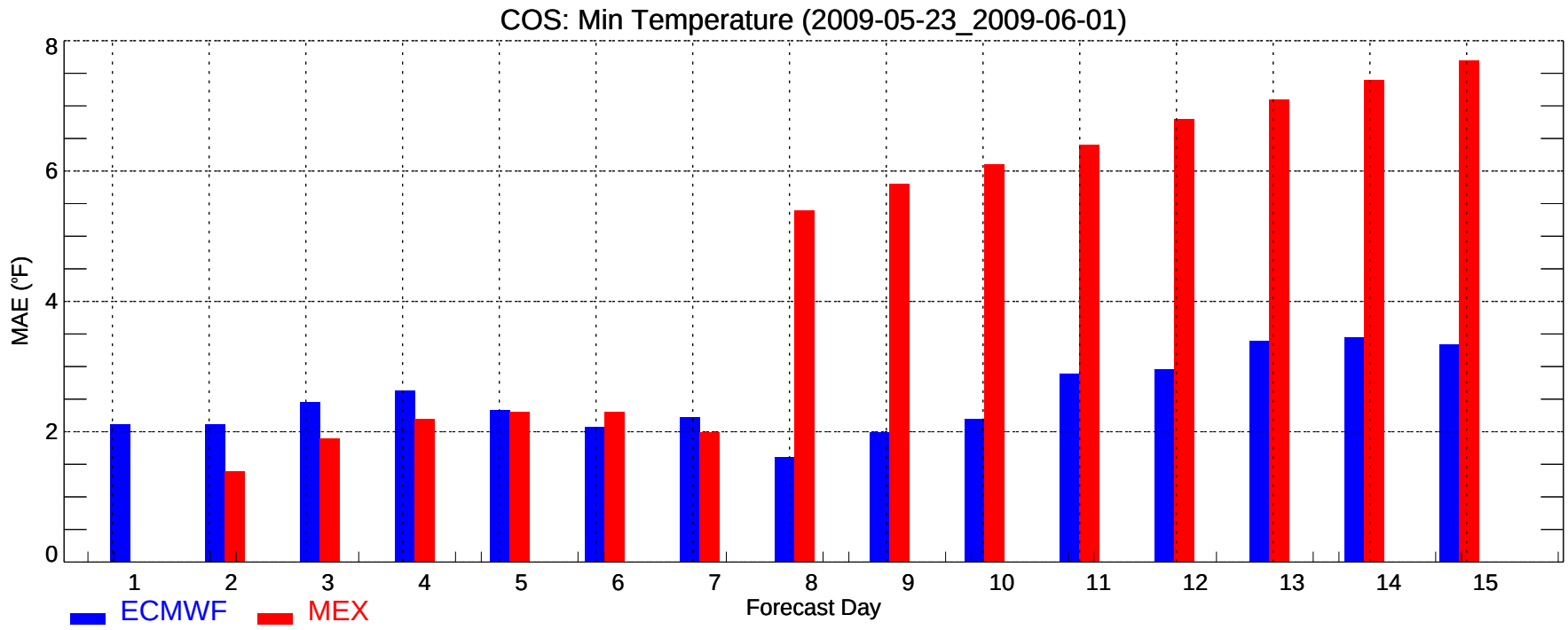
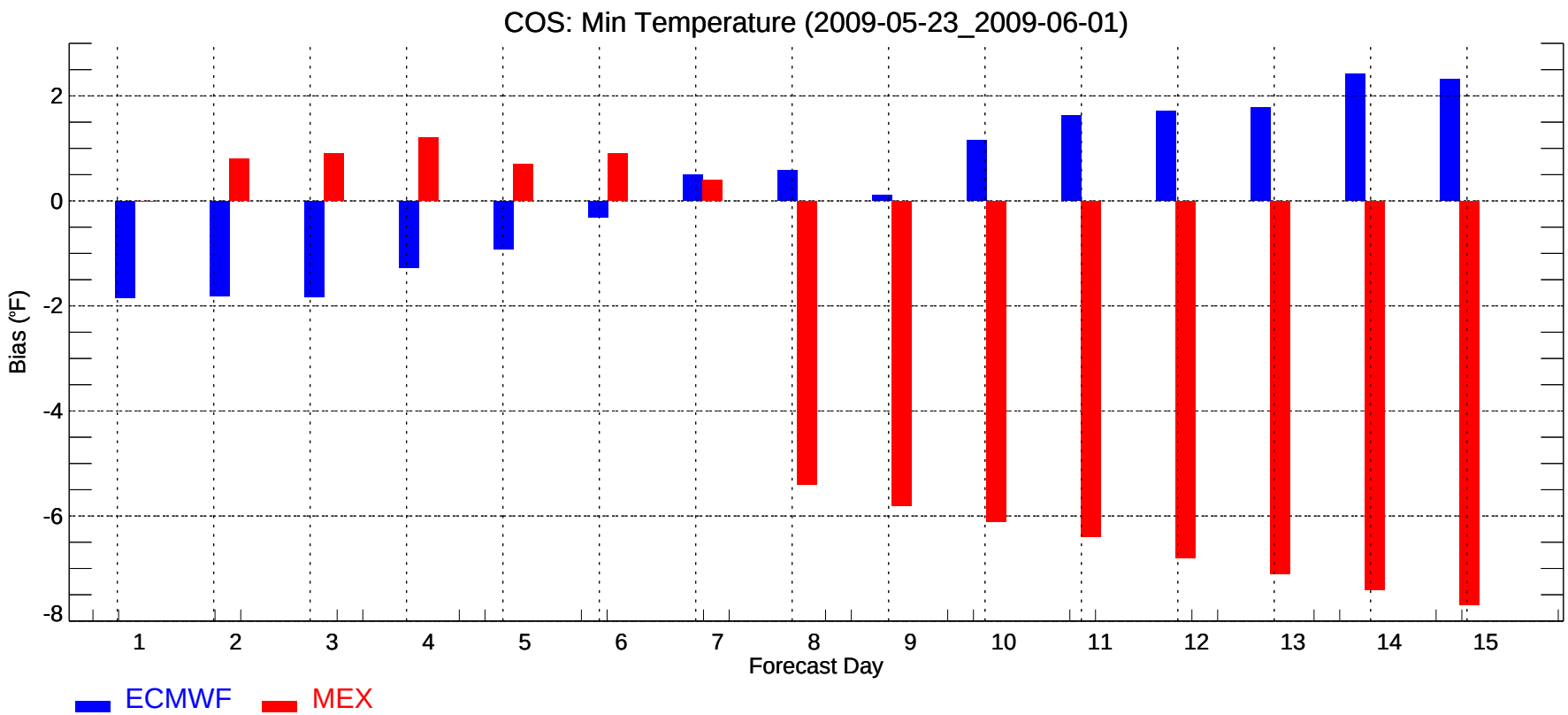
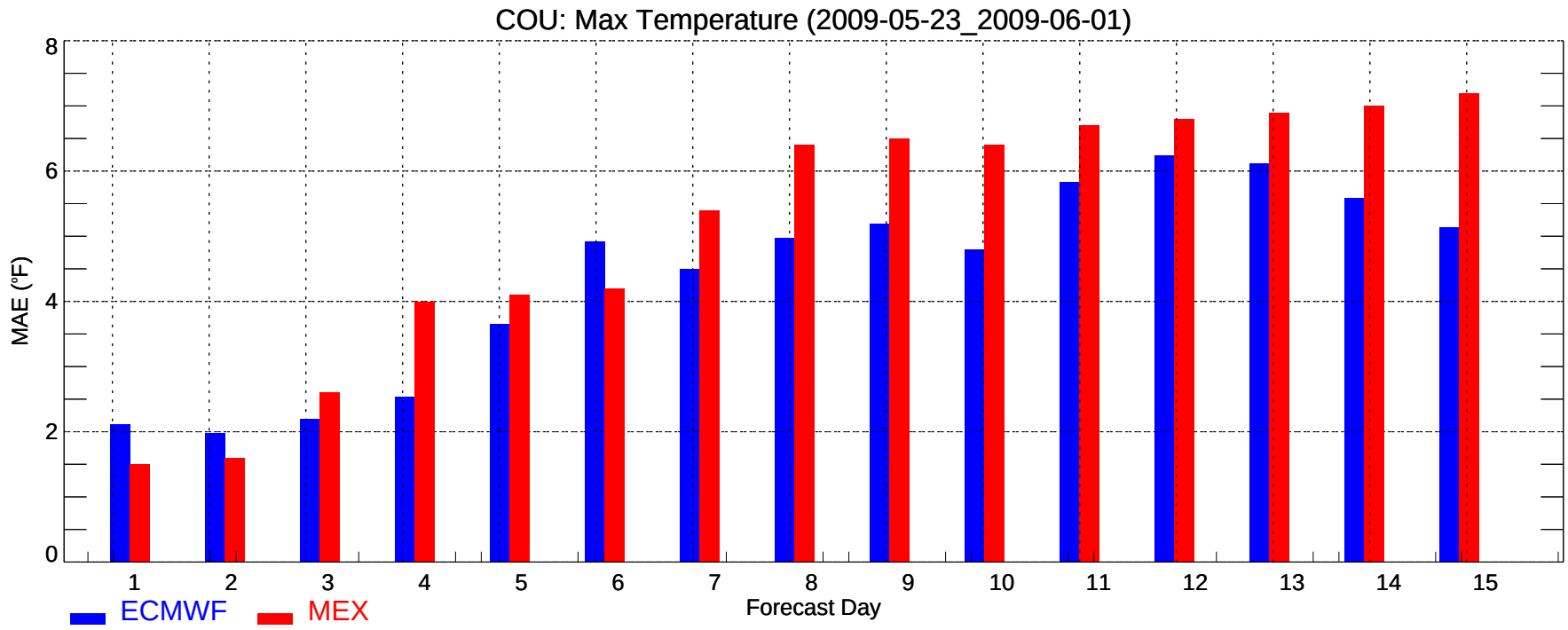
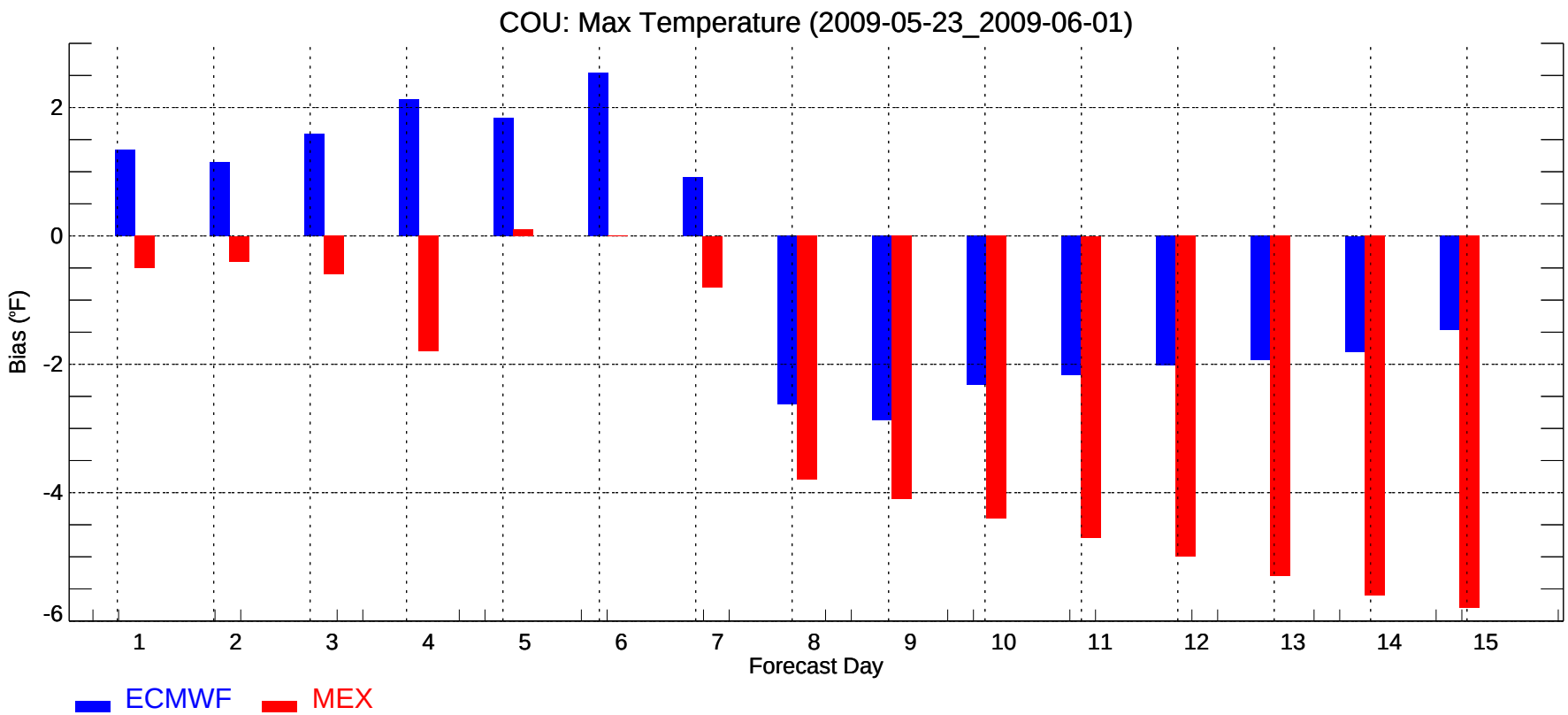
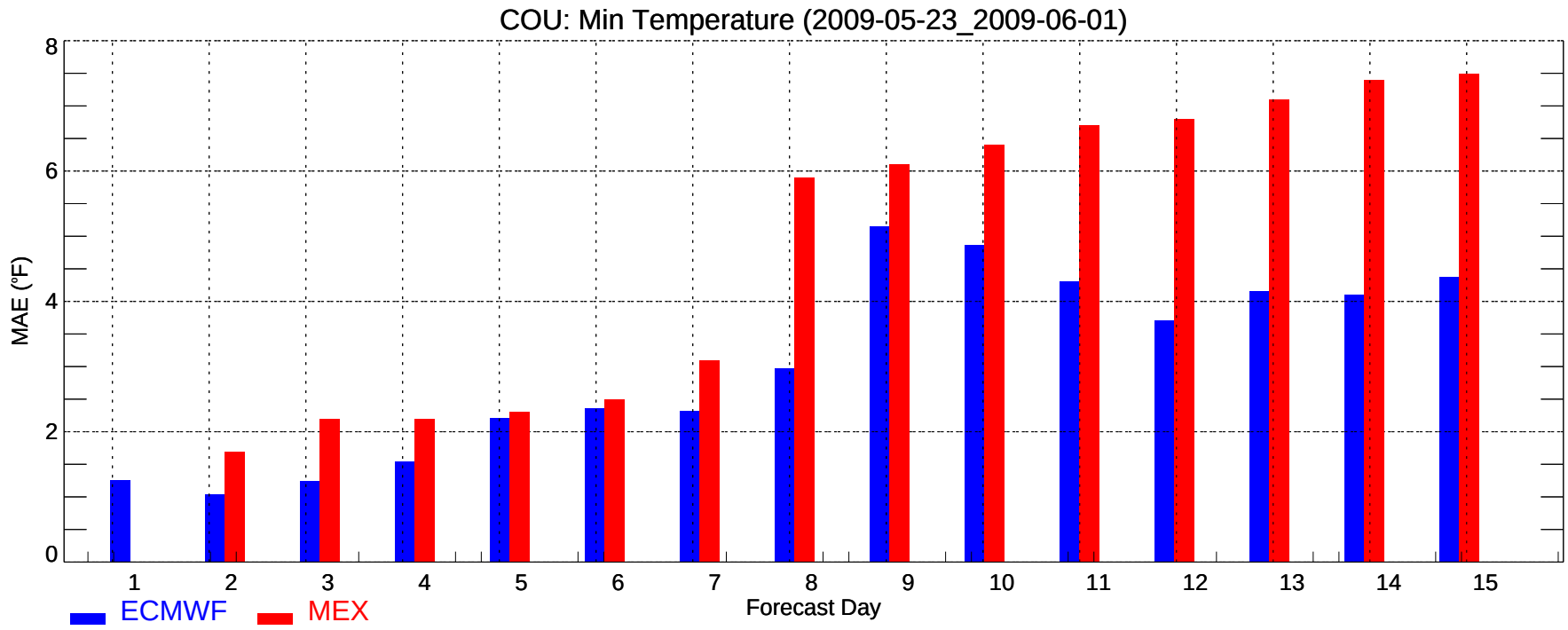
13
14
15
Forecast Day
ECMWF
MEX

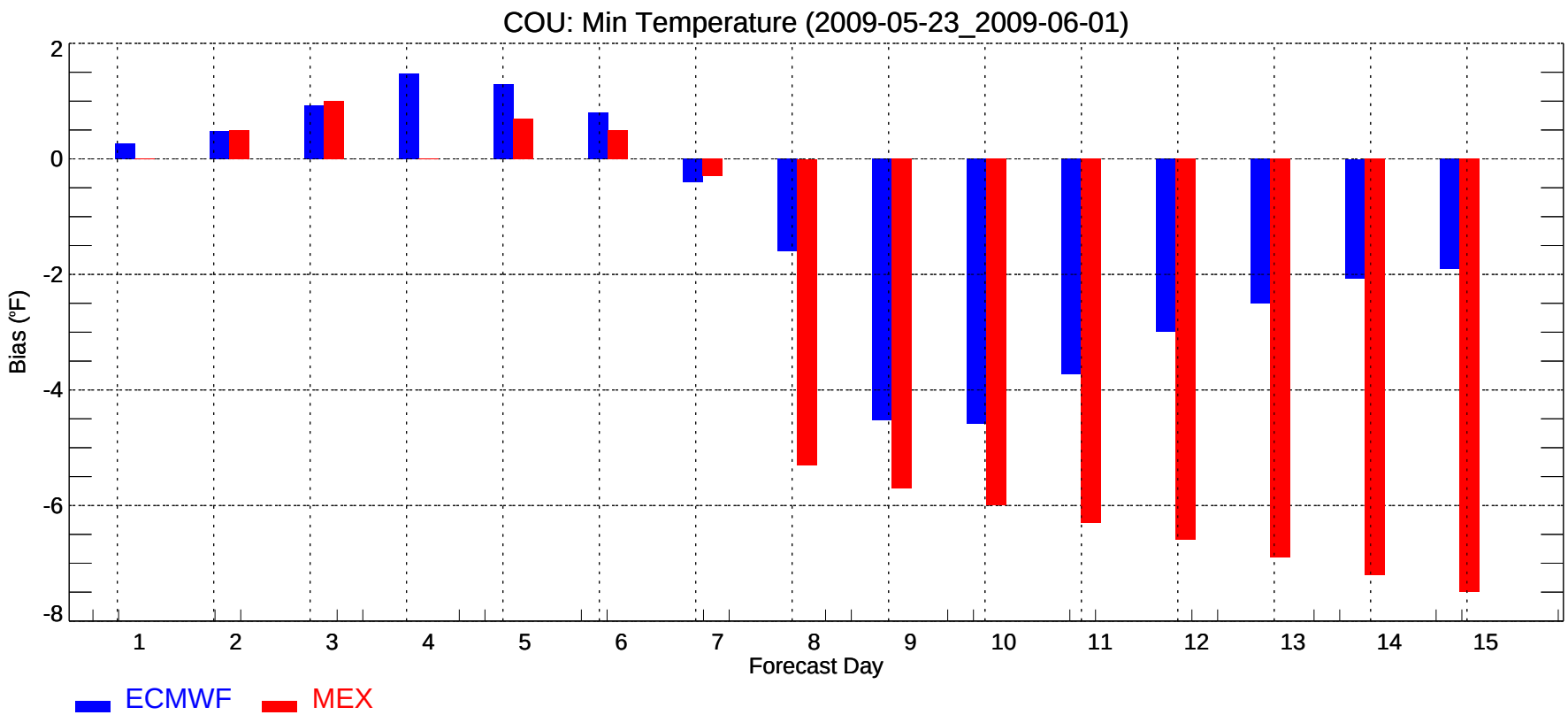

COS: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

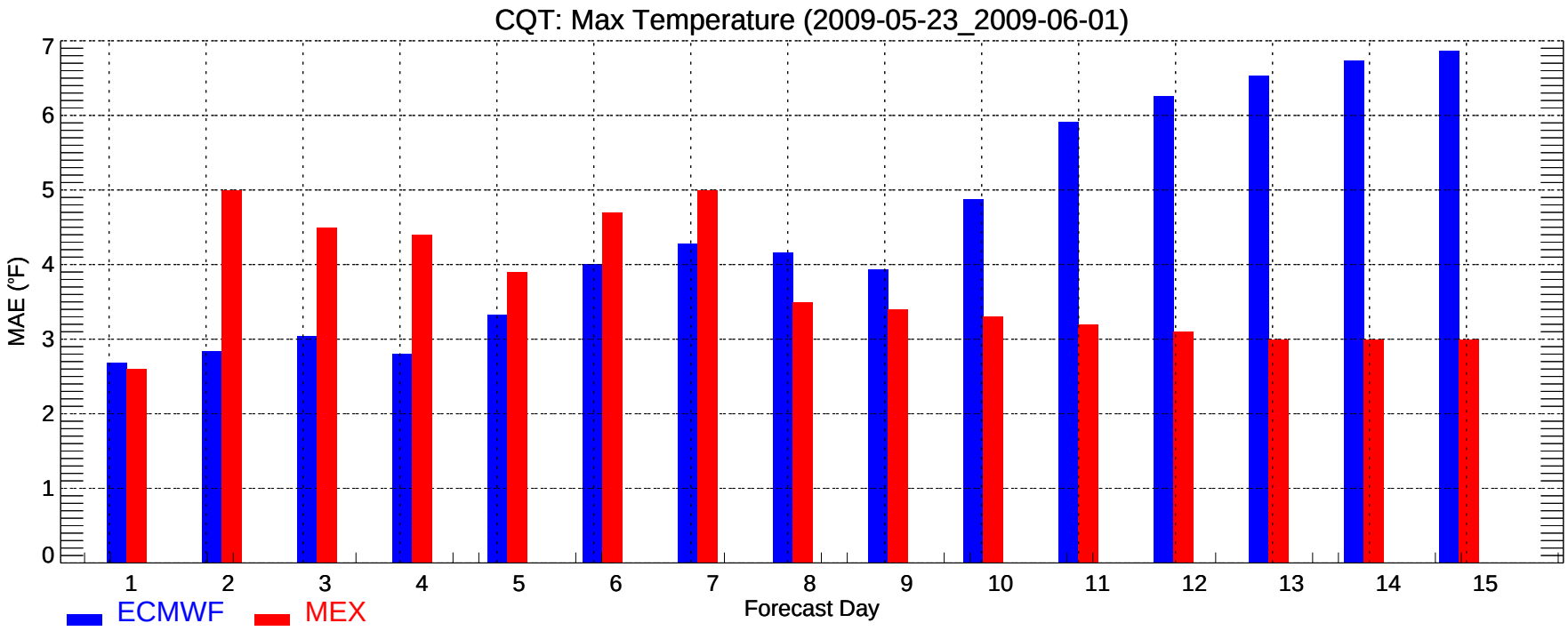

COS: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

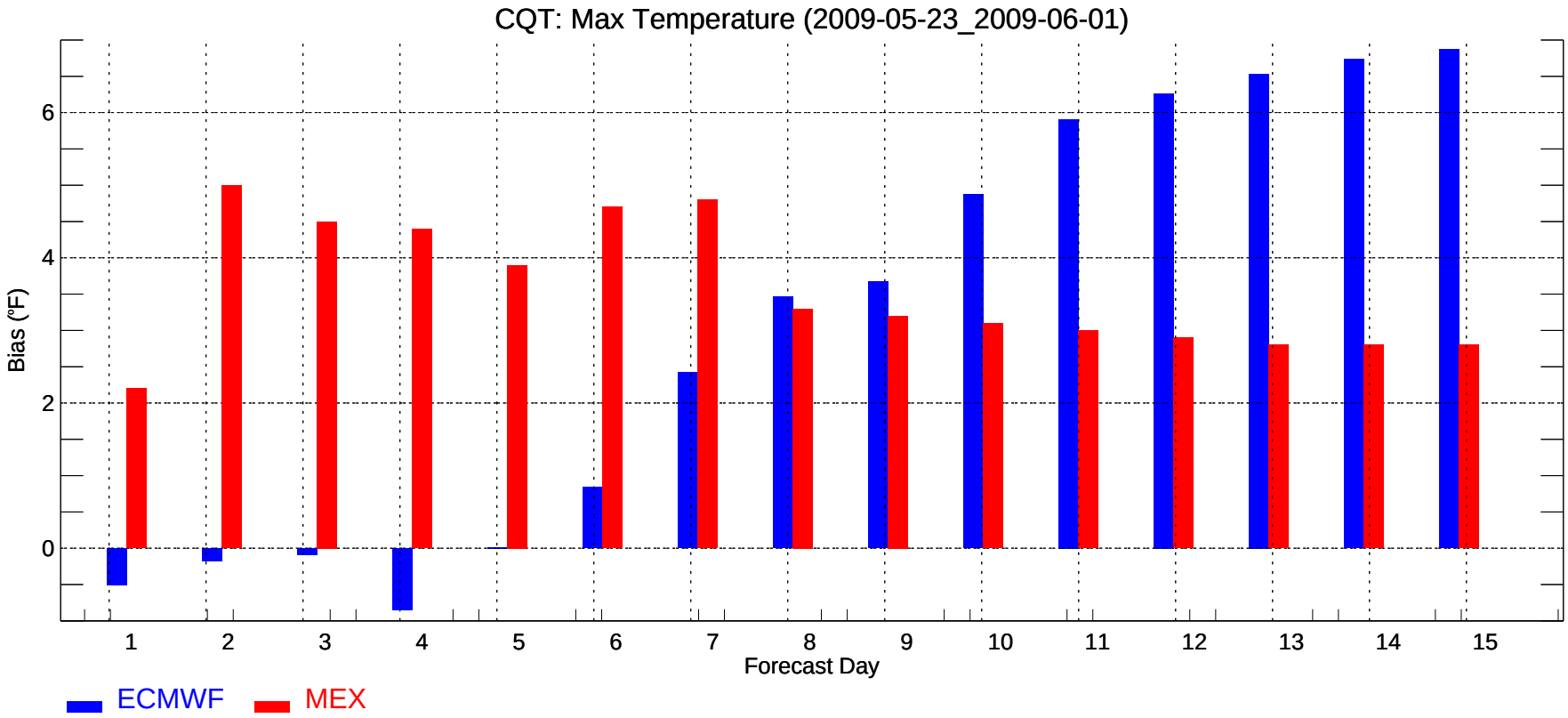

COU: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

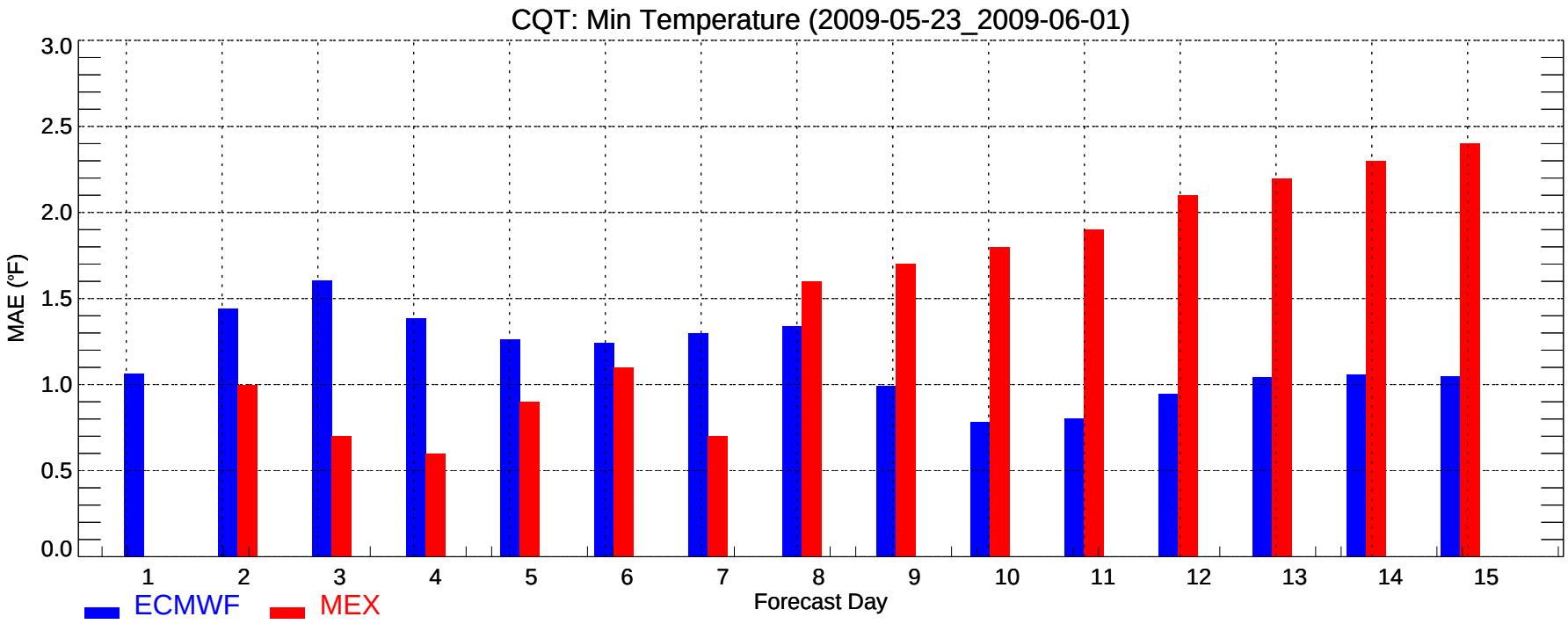

COU: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

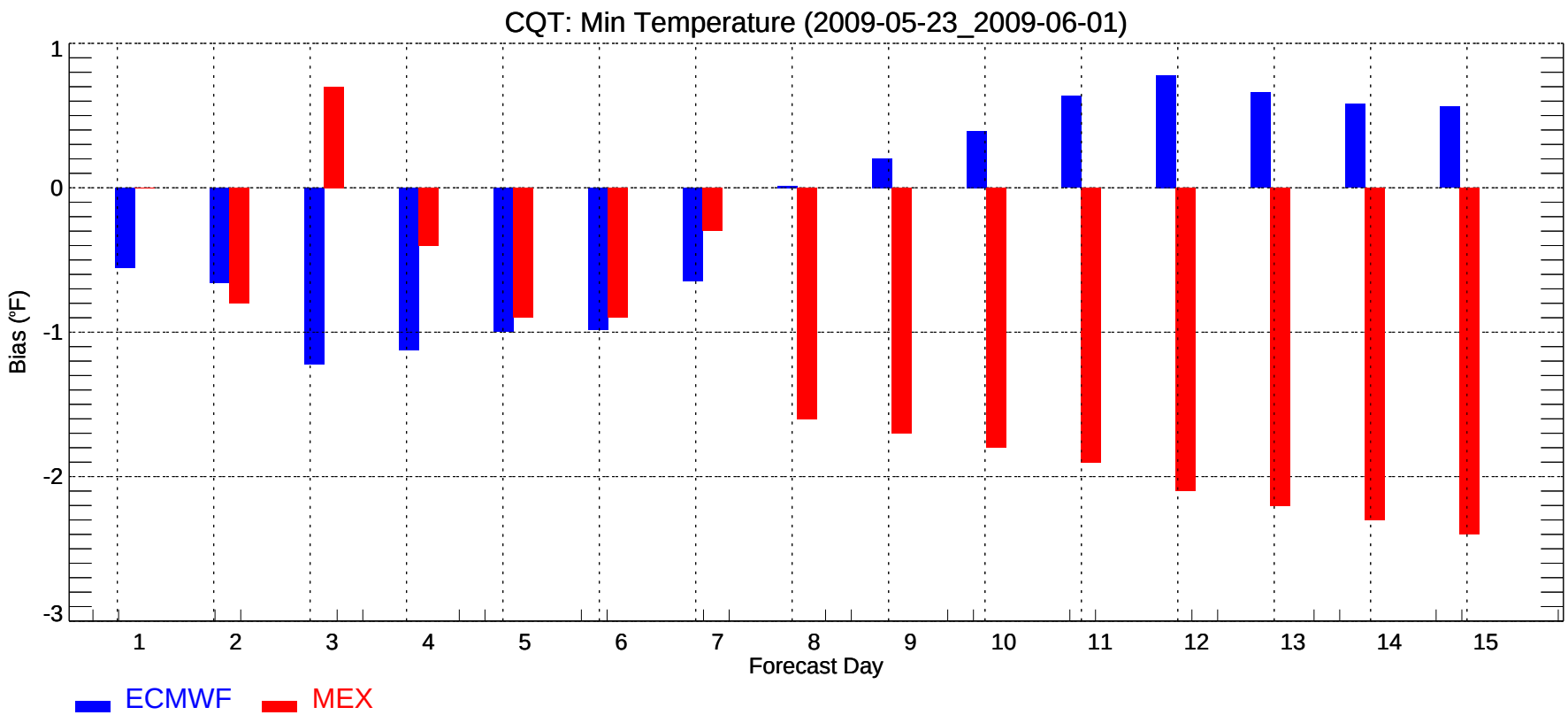

COU: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

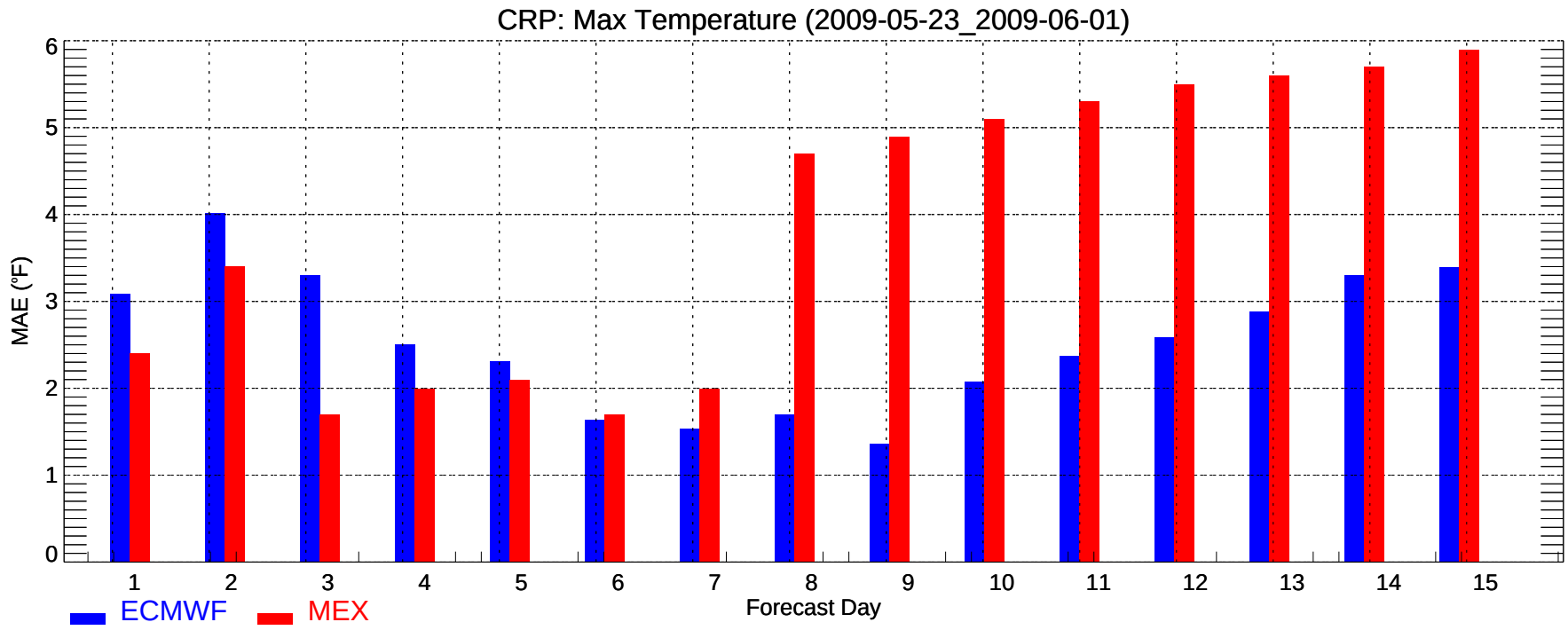

COU: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

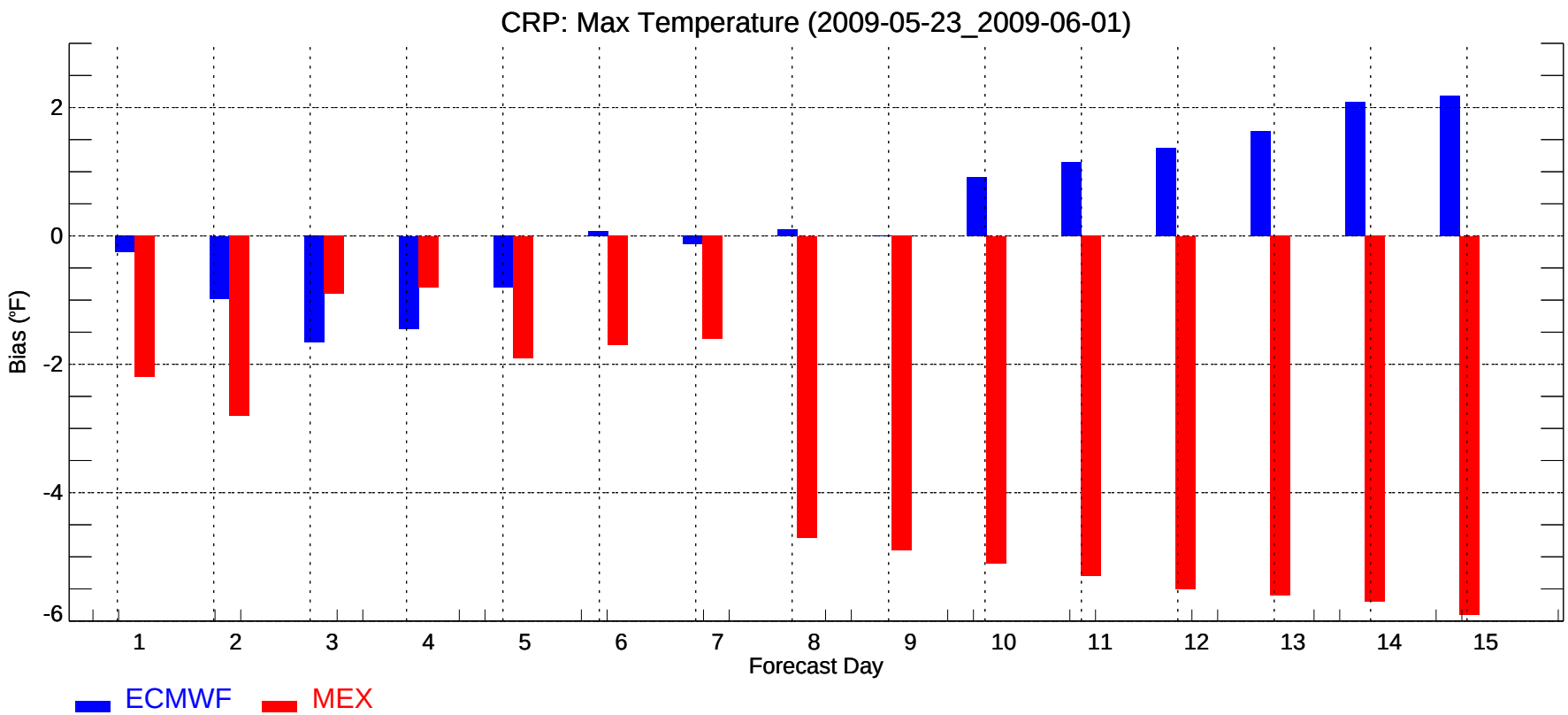

CQT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CQT: Max Temperature (2009-05-23_2009-06-01)
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


CQT: Min Temperature (2009-05-23_2009-06-01)
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


CQT: Min Temperature (2009-05-23_2009-06-01)
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


CRP: Max Temperature (2009-05-23_2009-06-01)
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


CRP: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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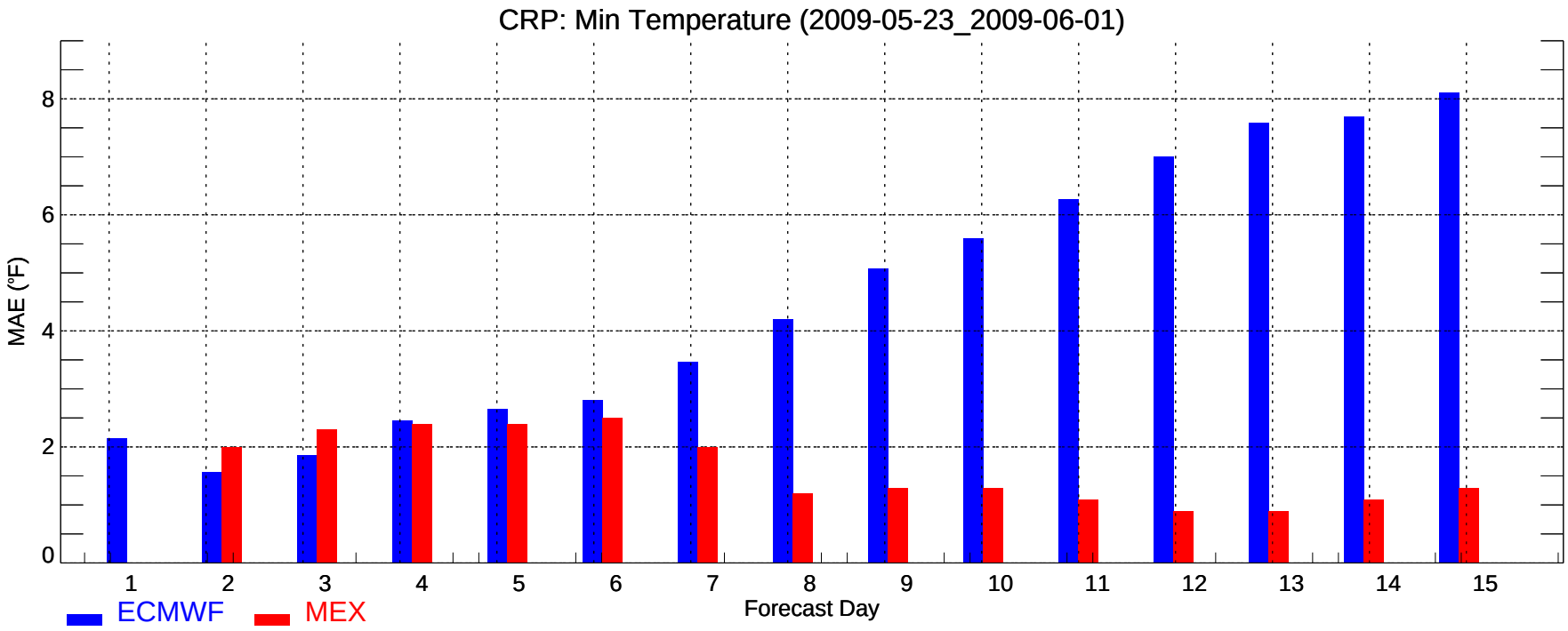
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRP: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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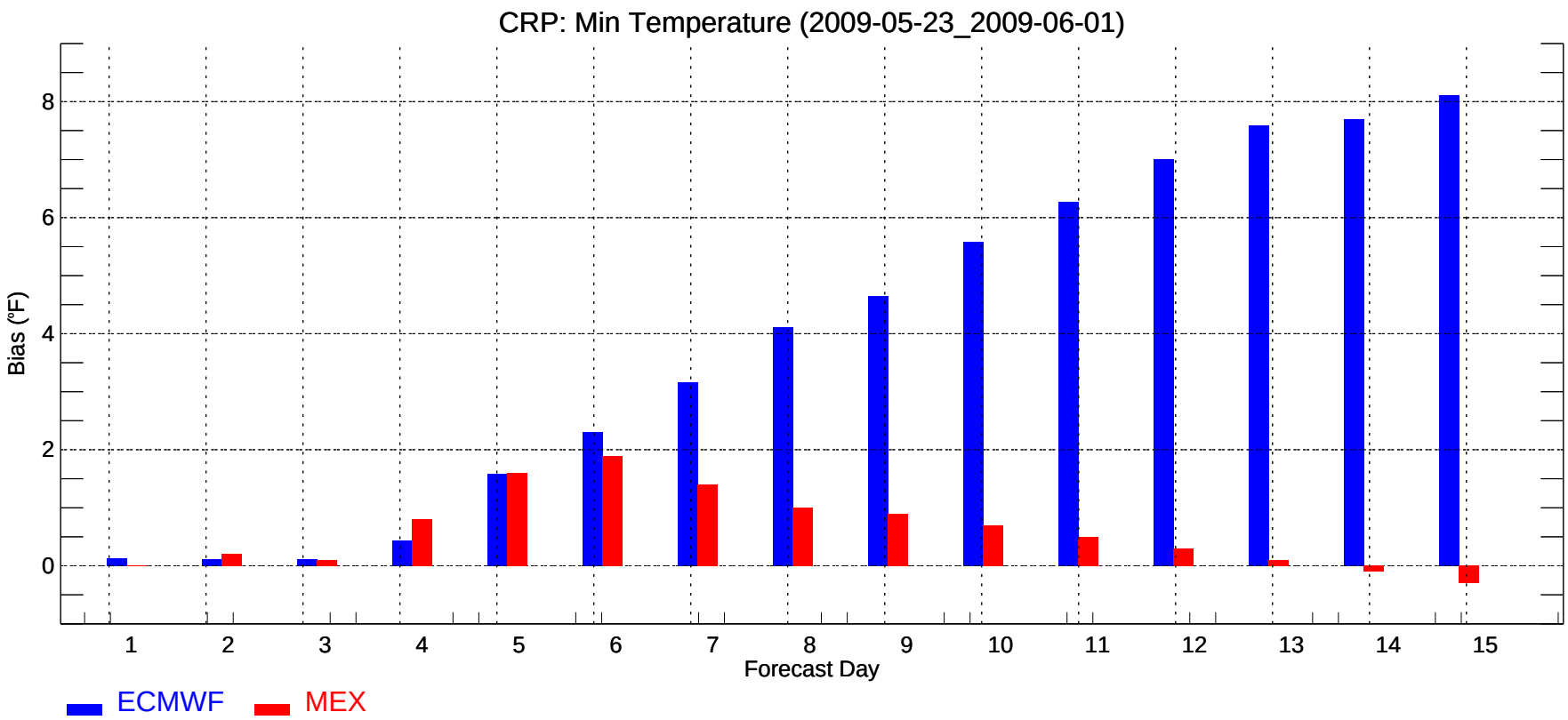
13
14
15
Forecast Day
ECMWF
MEX


CRP: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
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2
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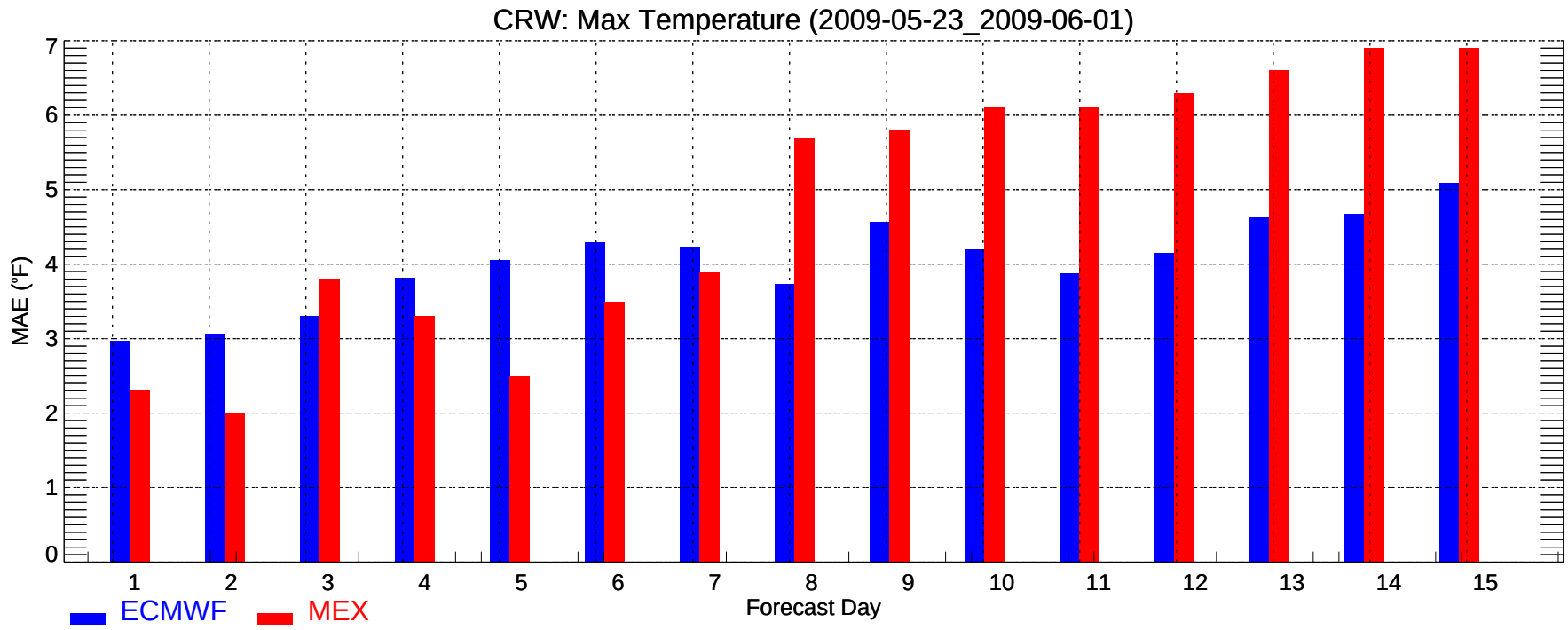
Forecast Day
ECMWF
MEX


CRW: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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14
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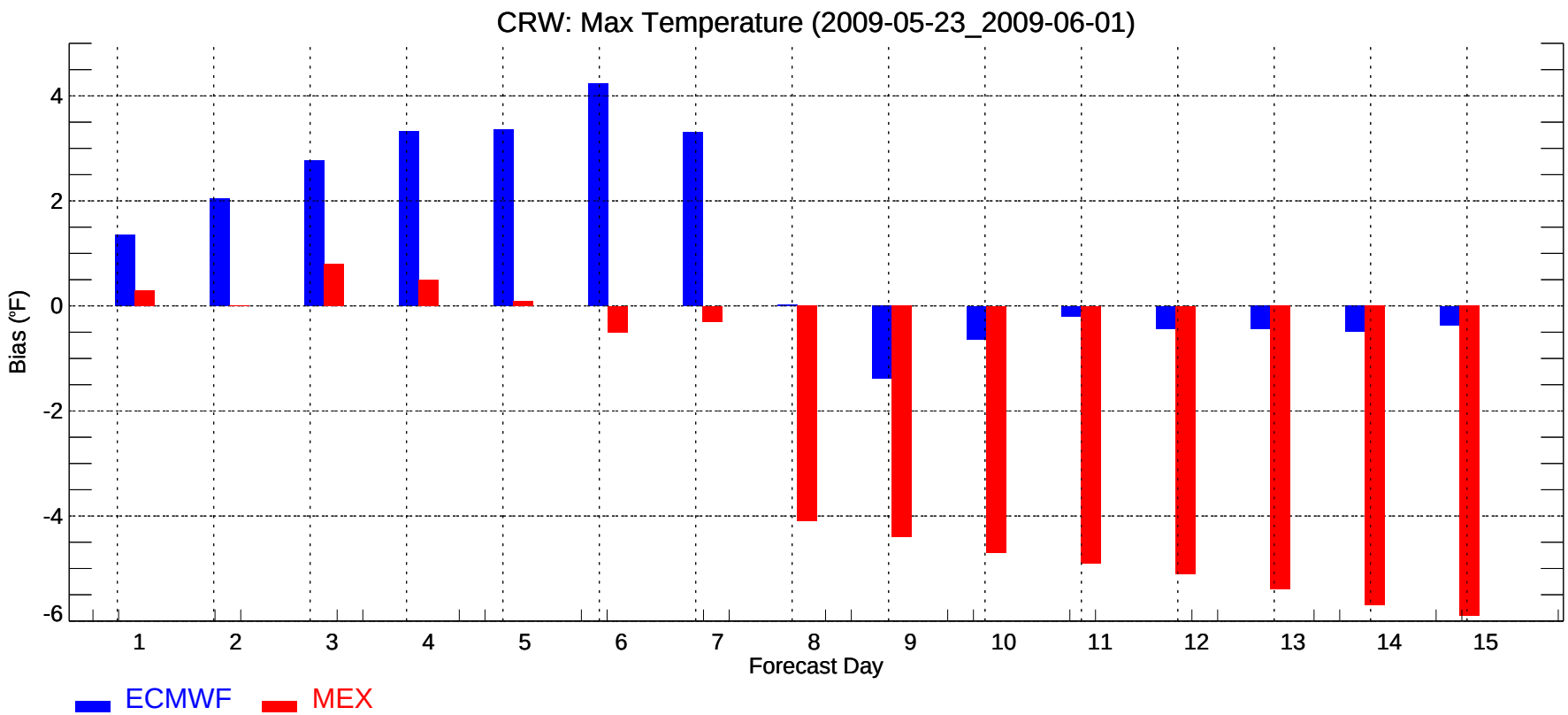
Forecast Day
ECMWF
MEX


CRW: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
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7
8
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11
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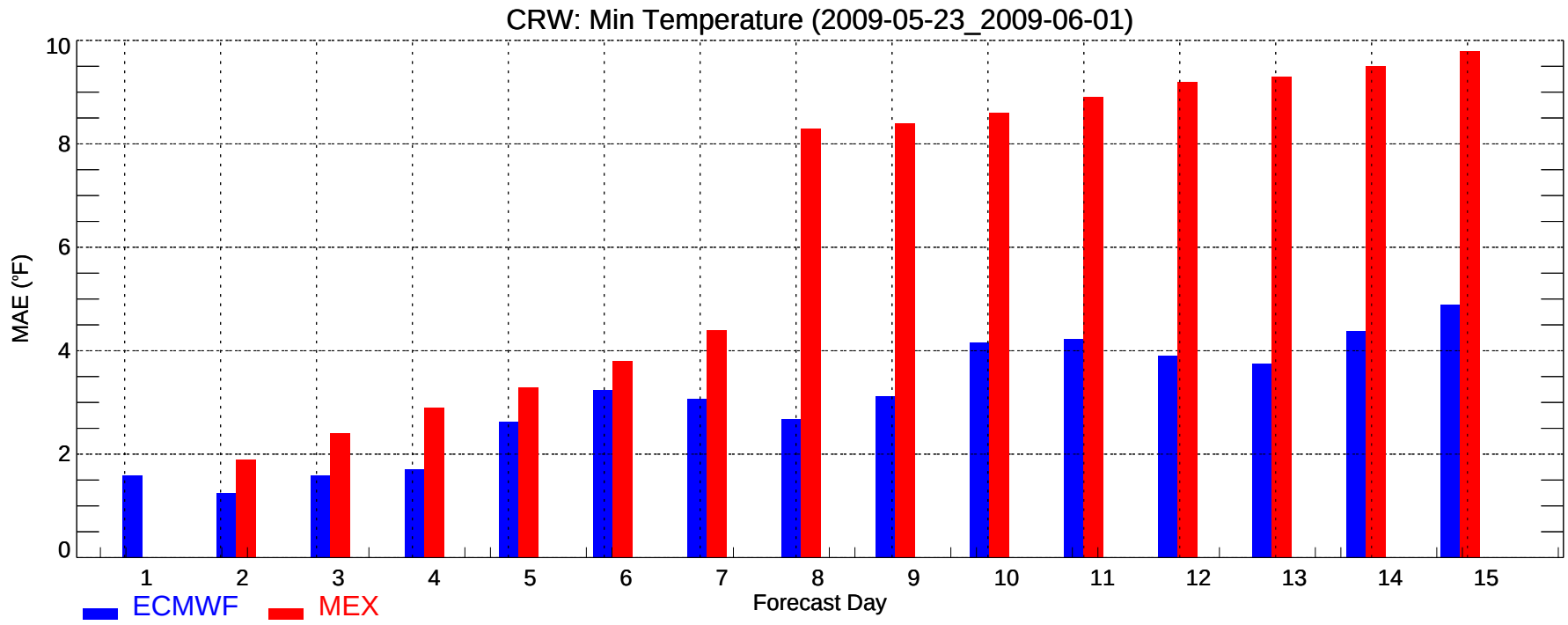
13
14
15
Forecast Day
ECMWF
MEX


CRW: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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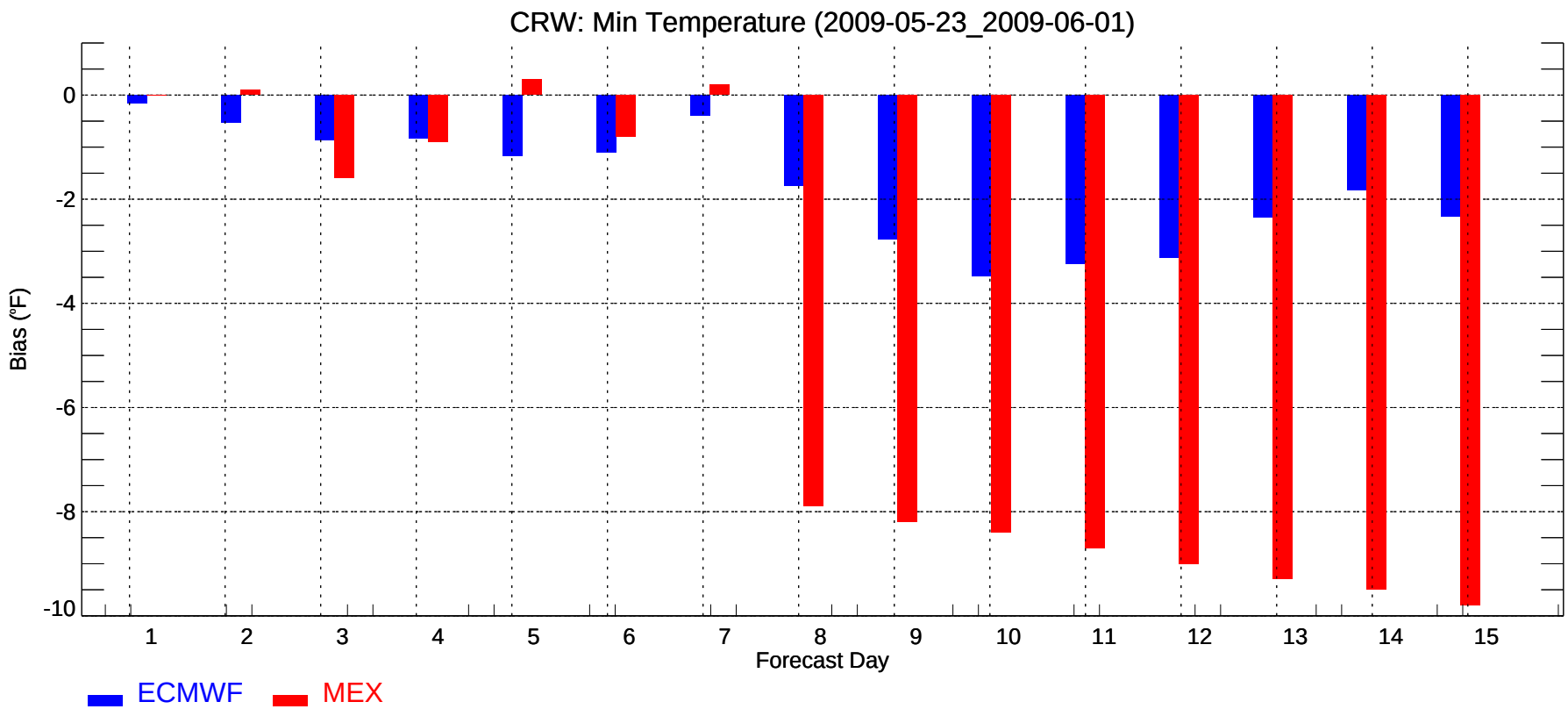
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRW: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
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5
6
7
8
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11
12
13
14
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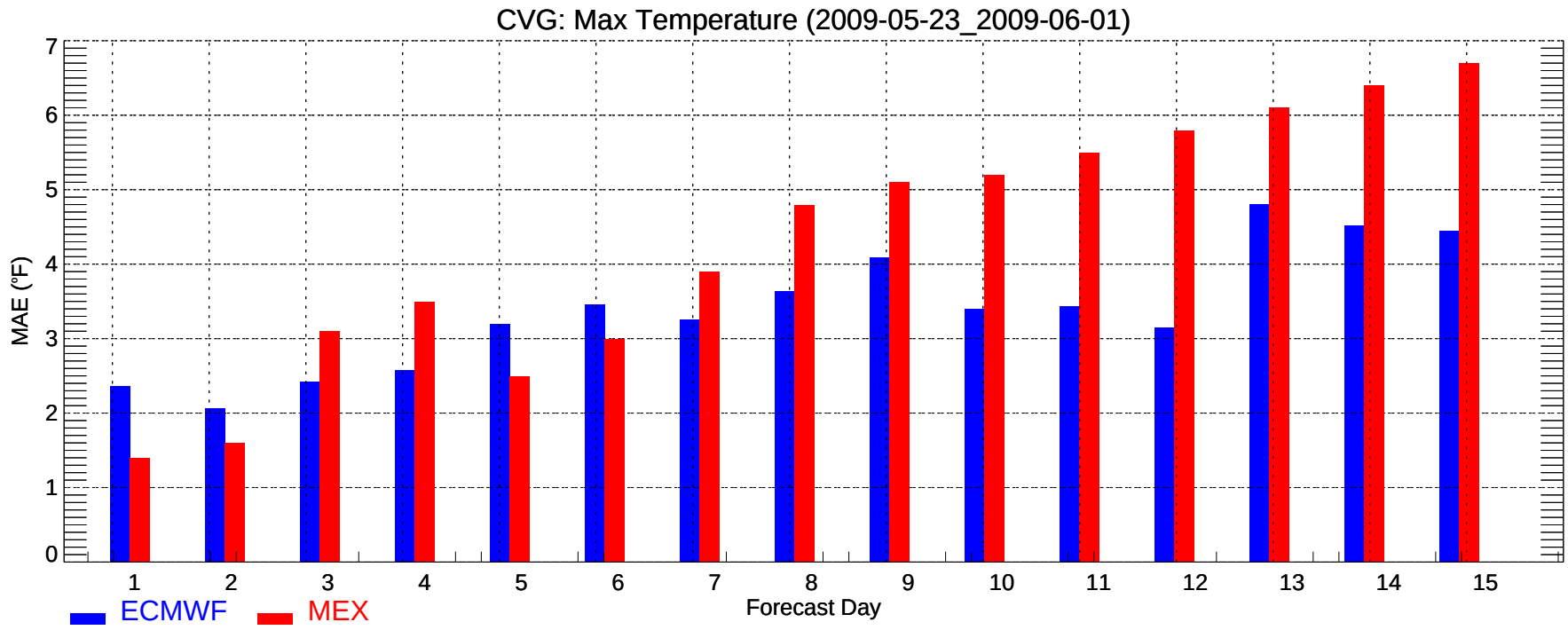
Forecast Day
ECMWF
MEX


CVG: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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5
6
7
8
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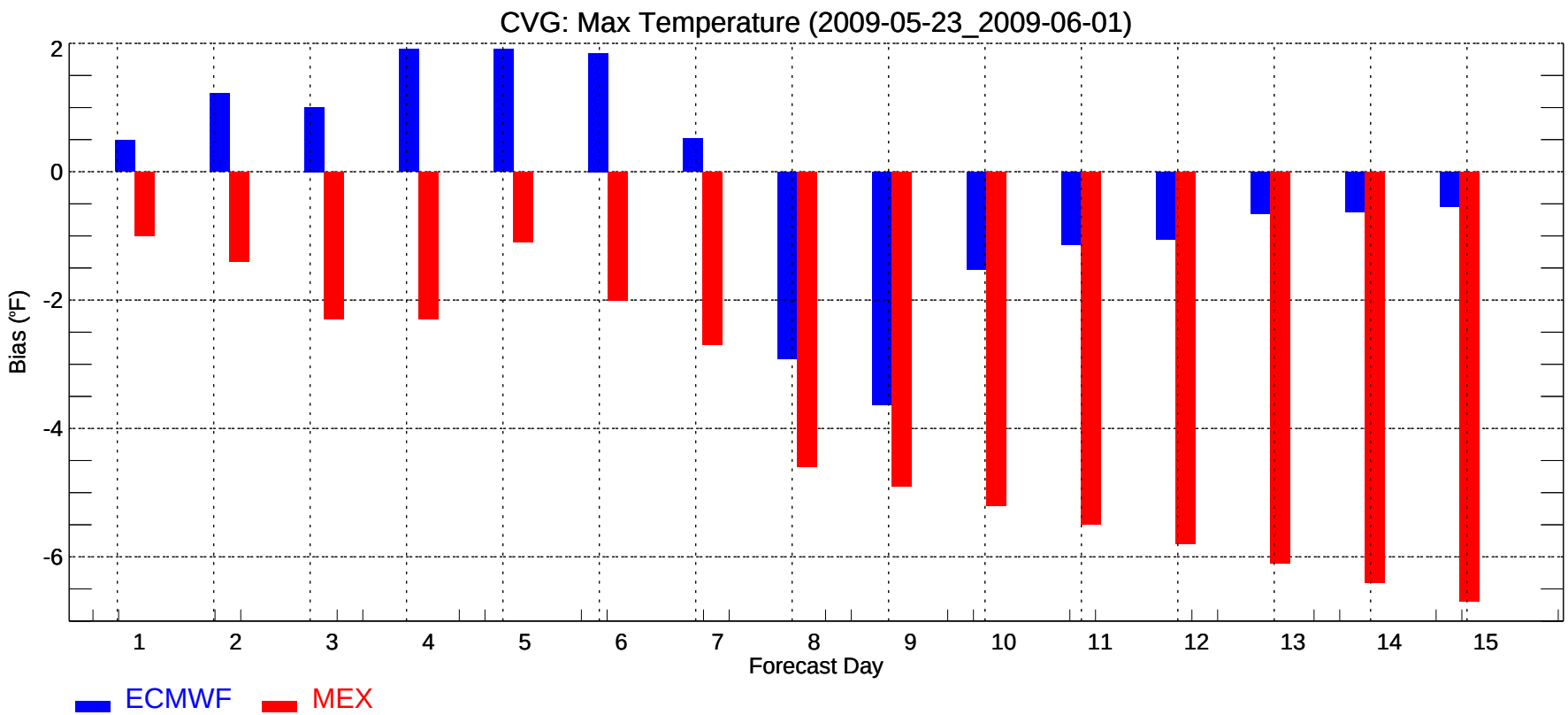
11
12
13
14
15
Forecast Day
ECMWF
MEX


CVG: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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12
13
14
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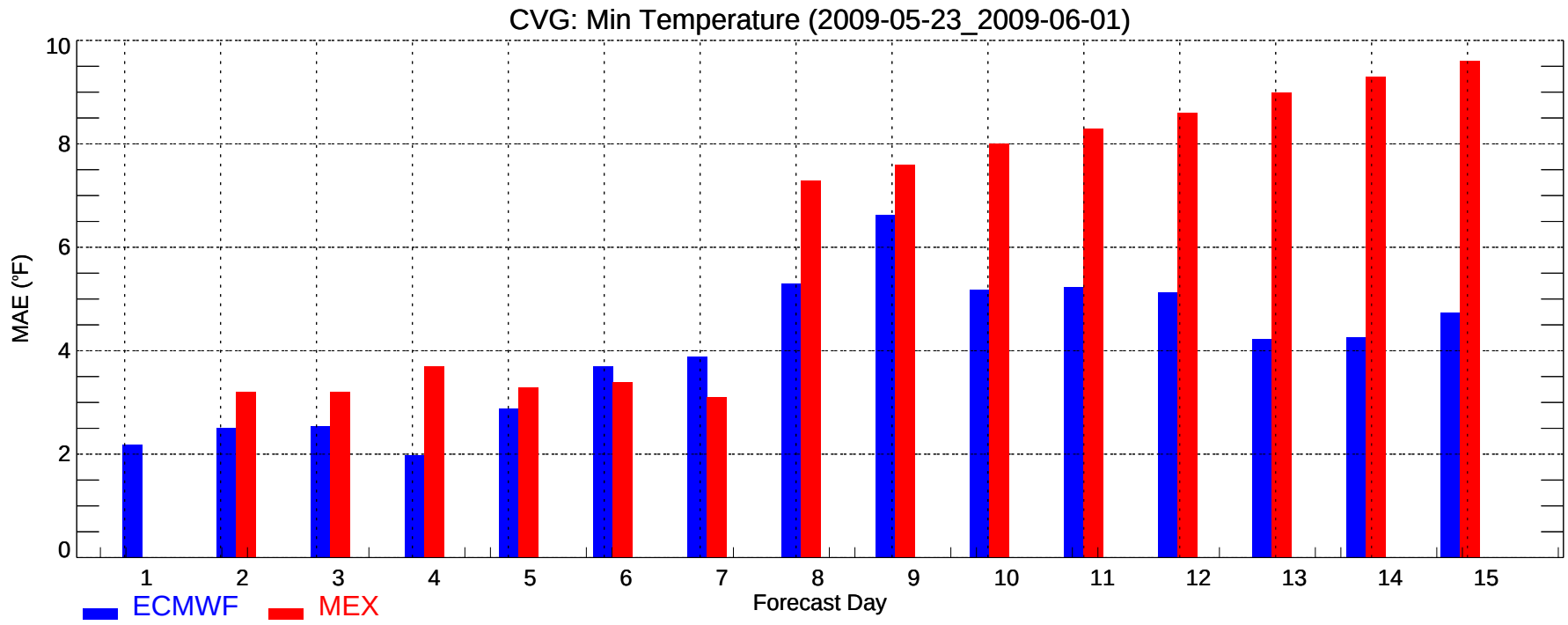
Forecast Day
ECMWF
MEX


CVG: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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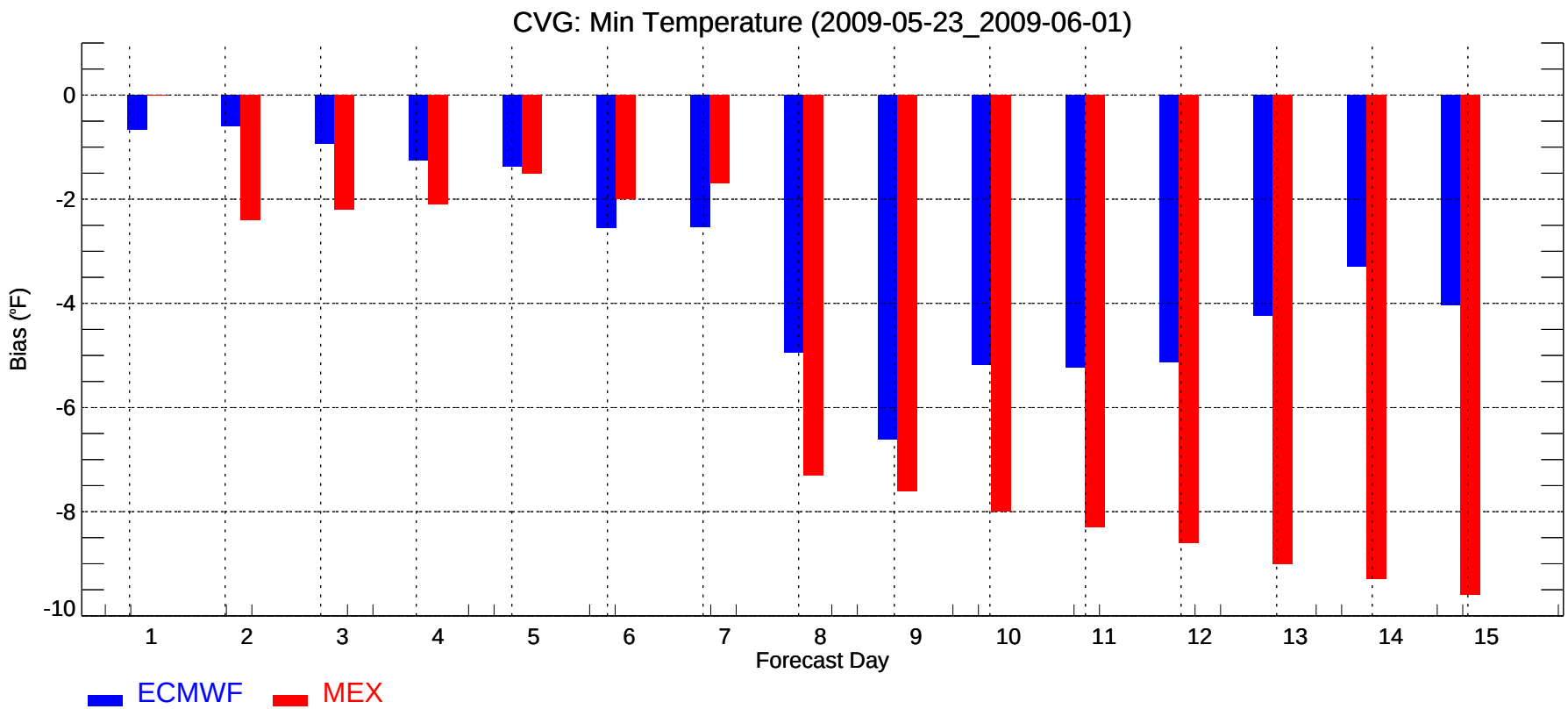
14
15
Forecast Day
ECMWF
MEX


CVG: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
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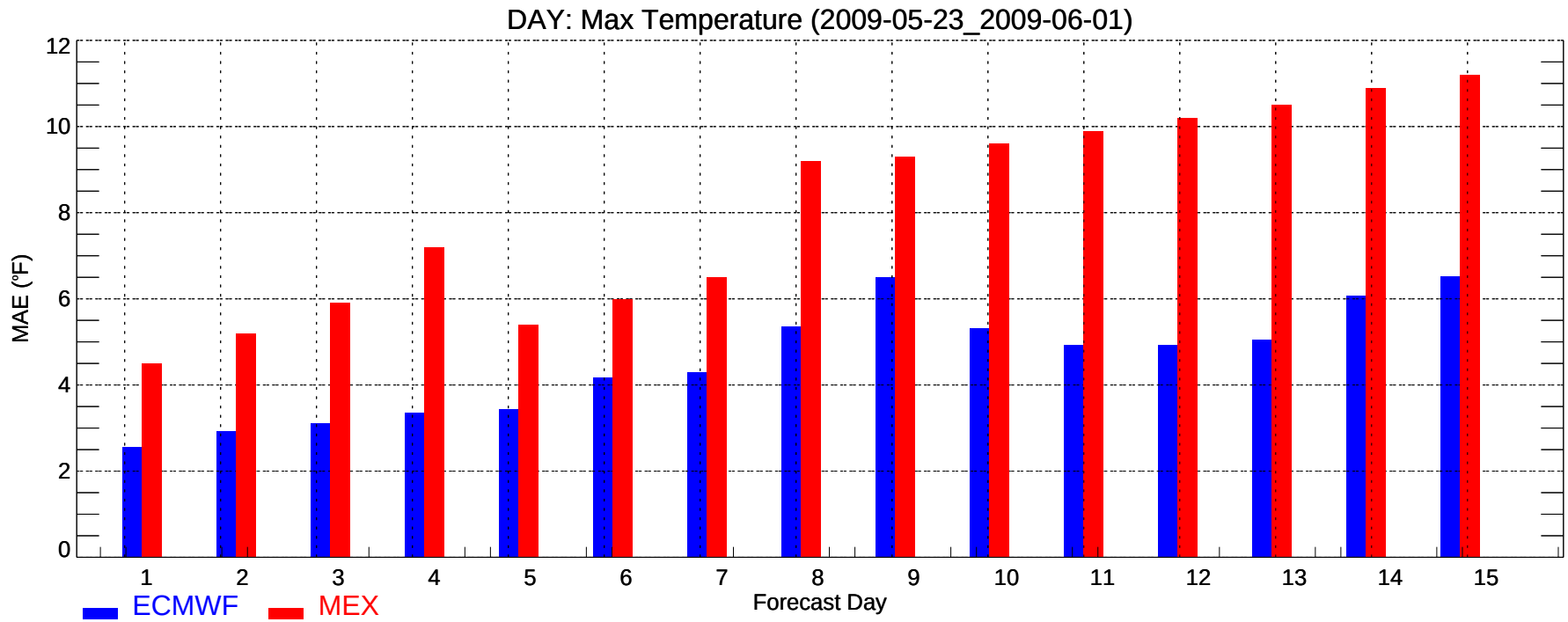
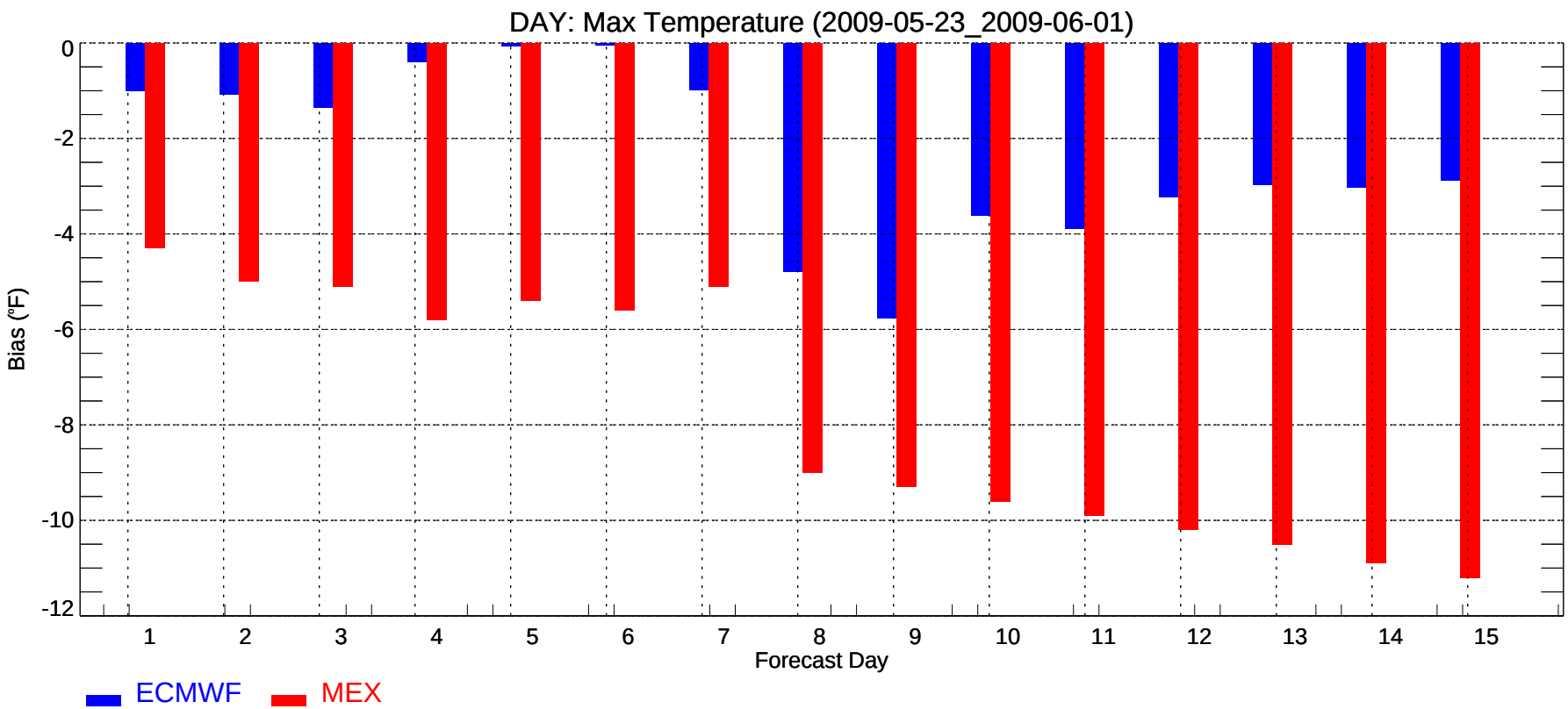
Forecast Day
ECMWF
MEX


DAY: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DAY: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
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10
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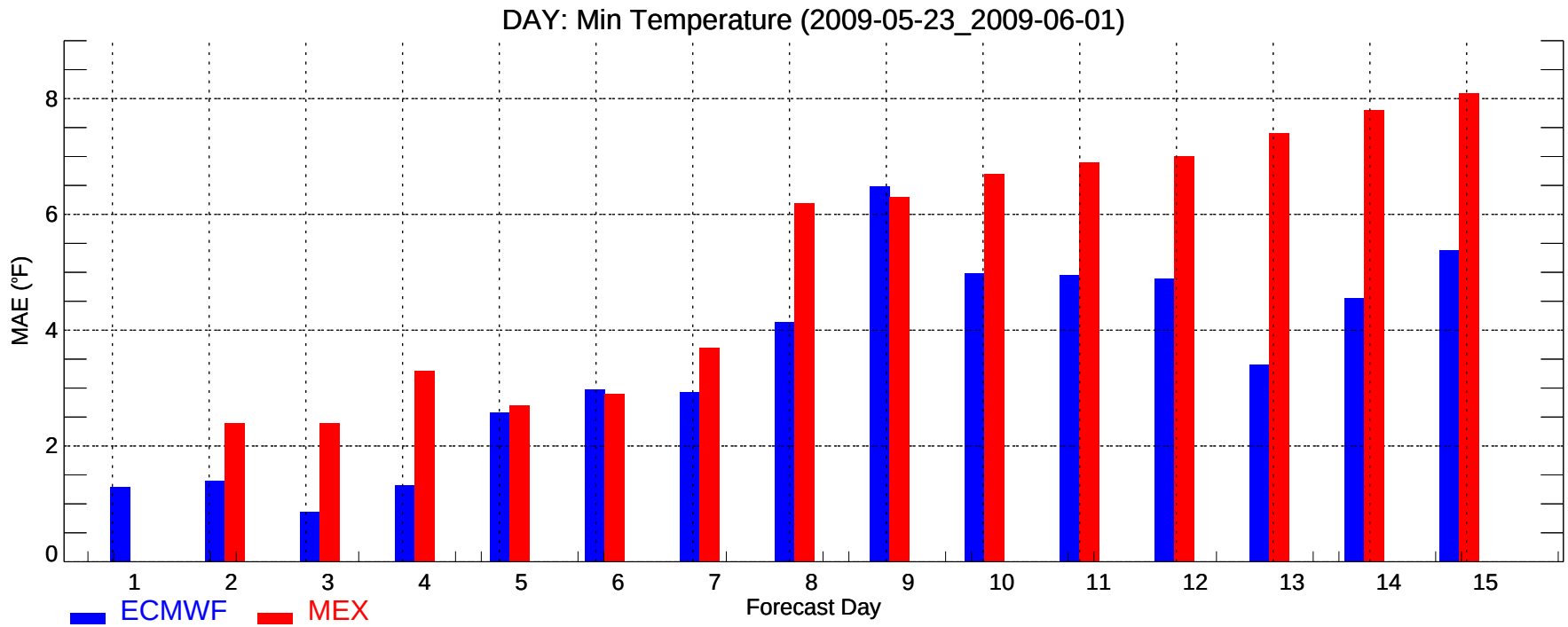
12
13
14
15
Forecast Day
ECMWF
MEX


DAY: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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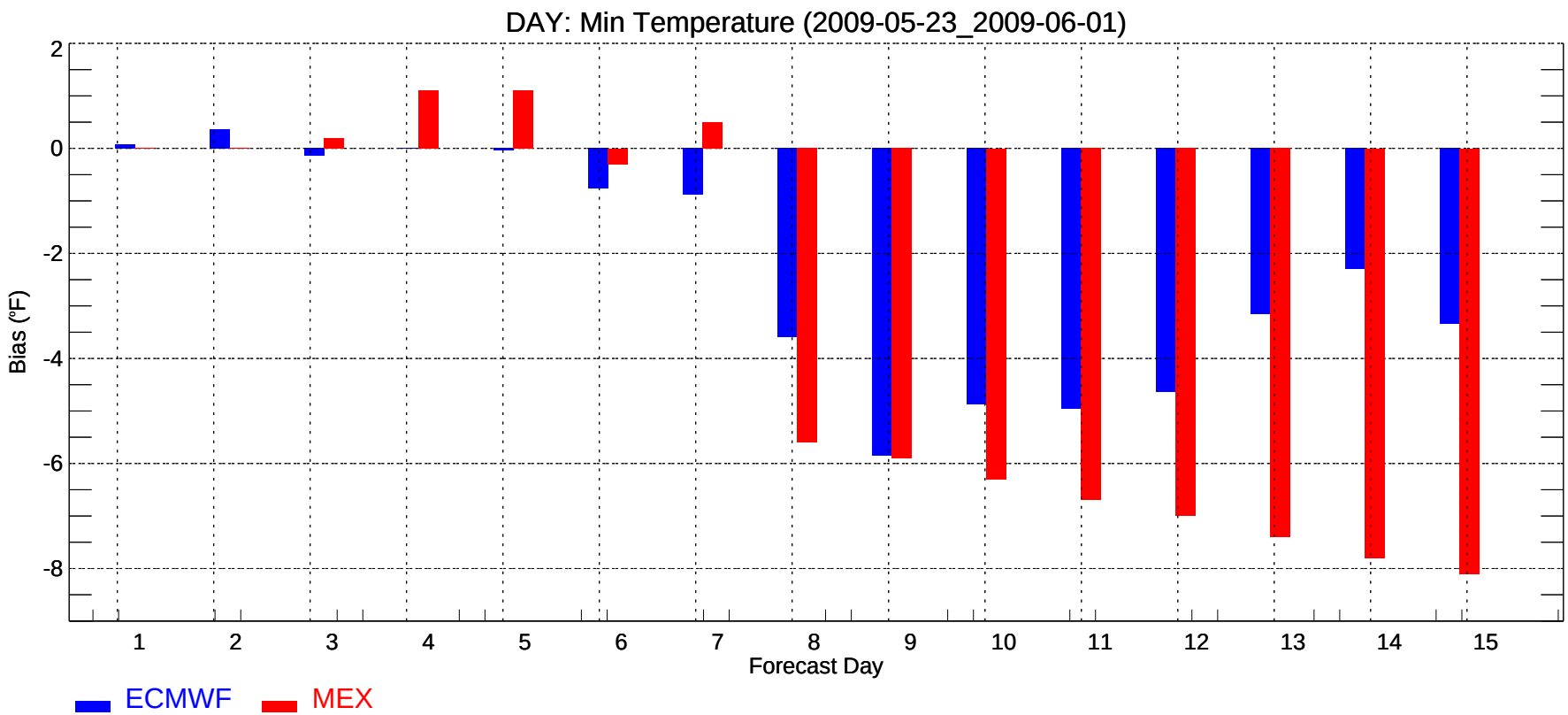
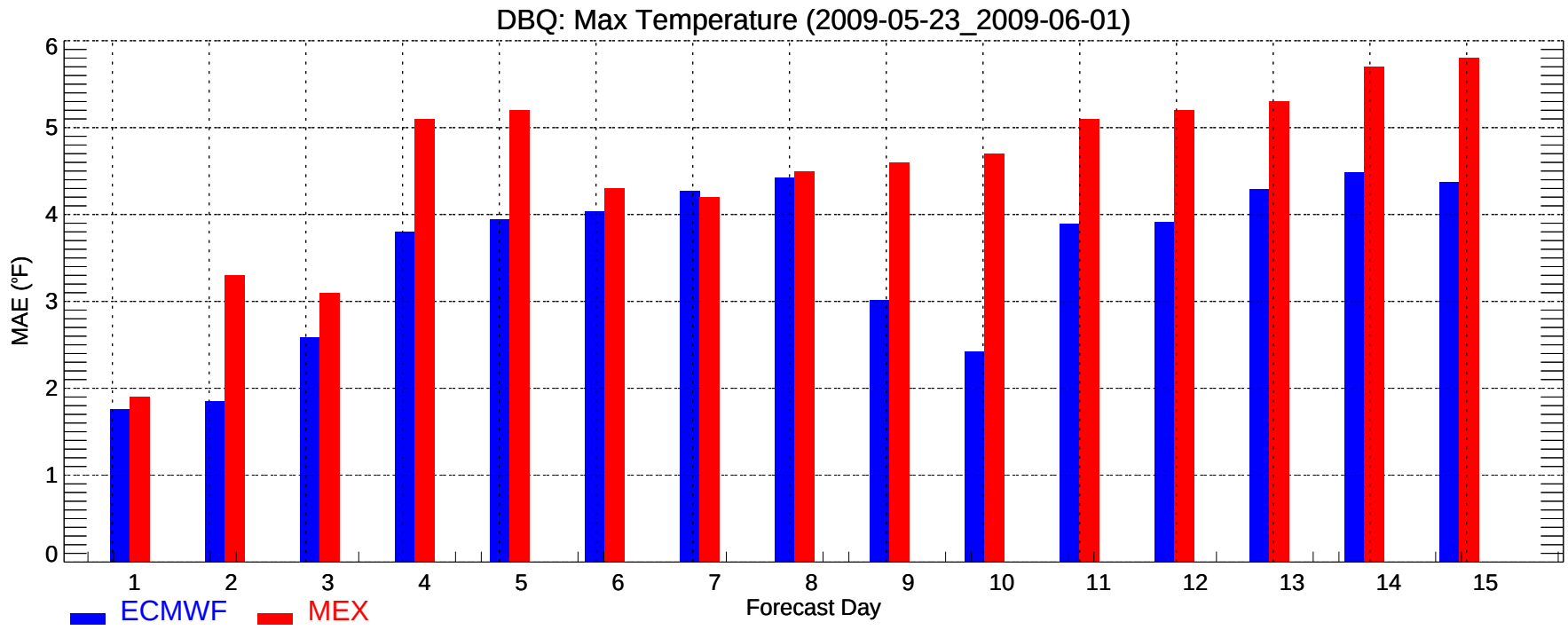
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DAY: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DBQ: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
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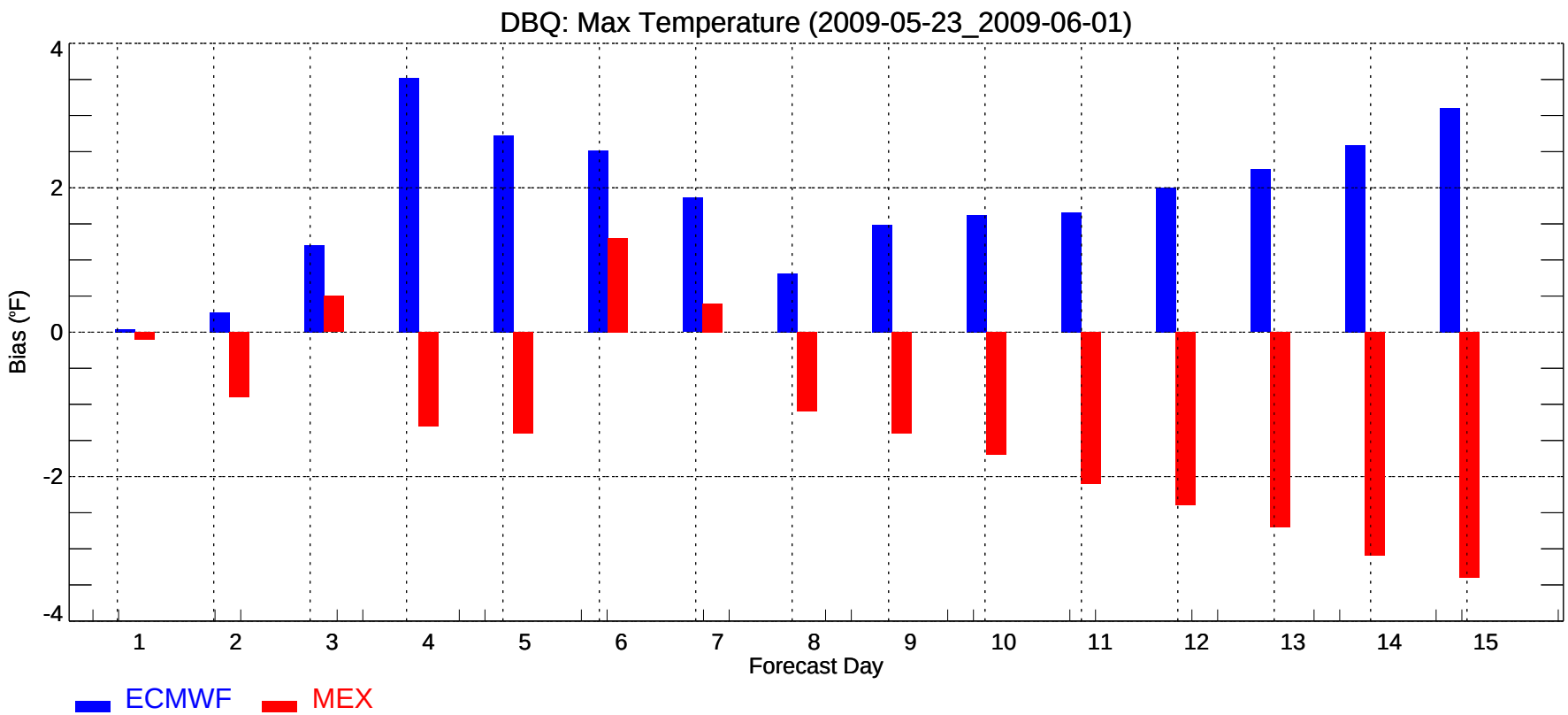
Forecast Day
ECMWF
MEX


DBQ: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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2
0
-2
-4
1
2
3
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6
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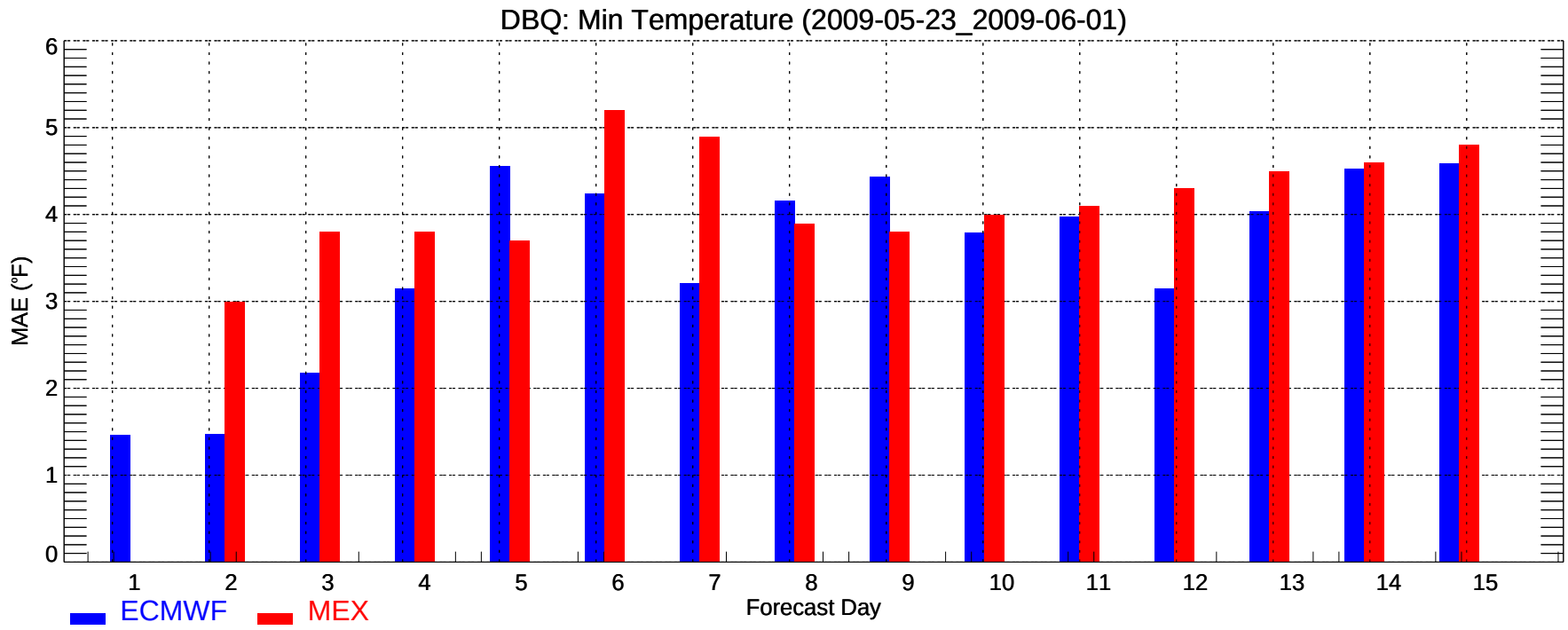
Forecast Day
ECMWF
MEX


DBQ: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
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2
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14
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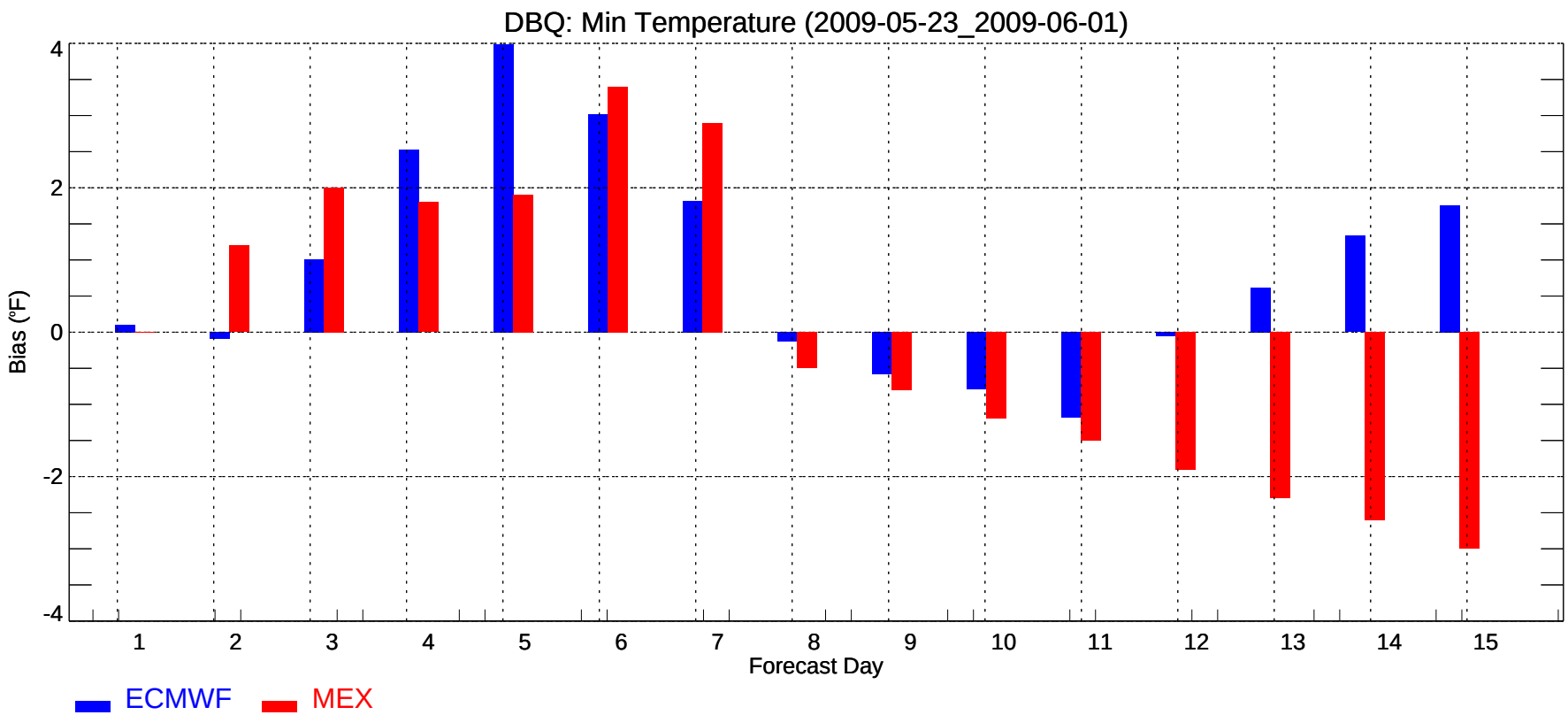
Forecast Day
ECMWF
MEX


DBQ: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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-2
-4
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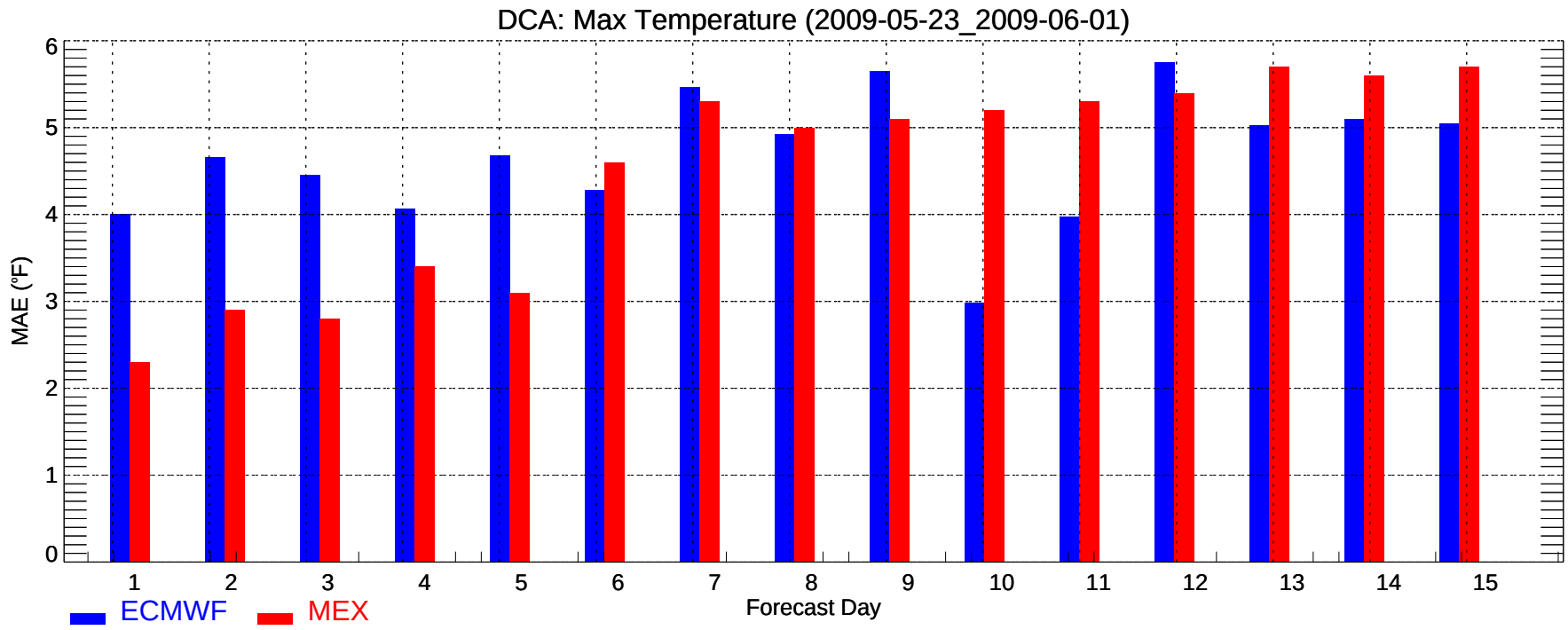
Forecast Day
ECMWF
MEX


DCA: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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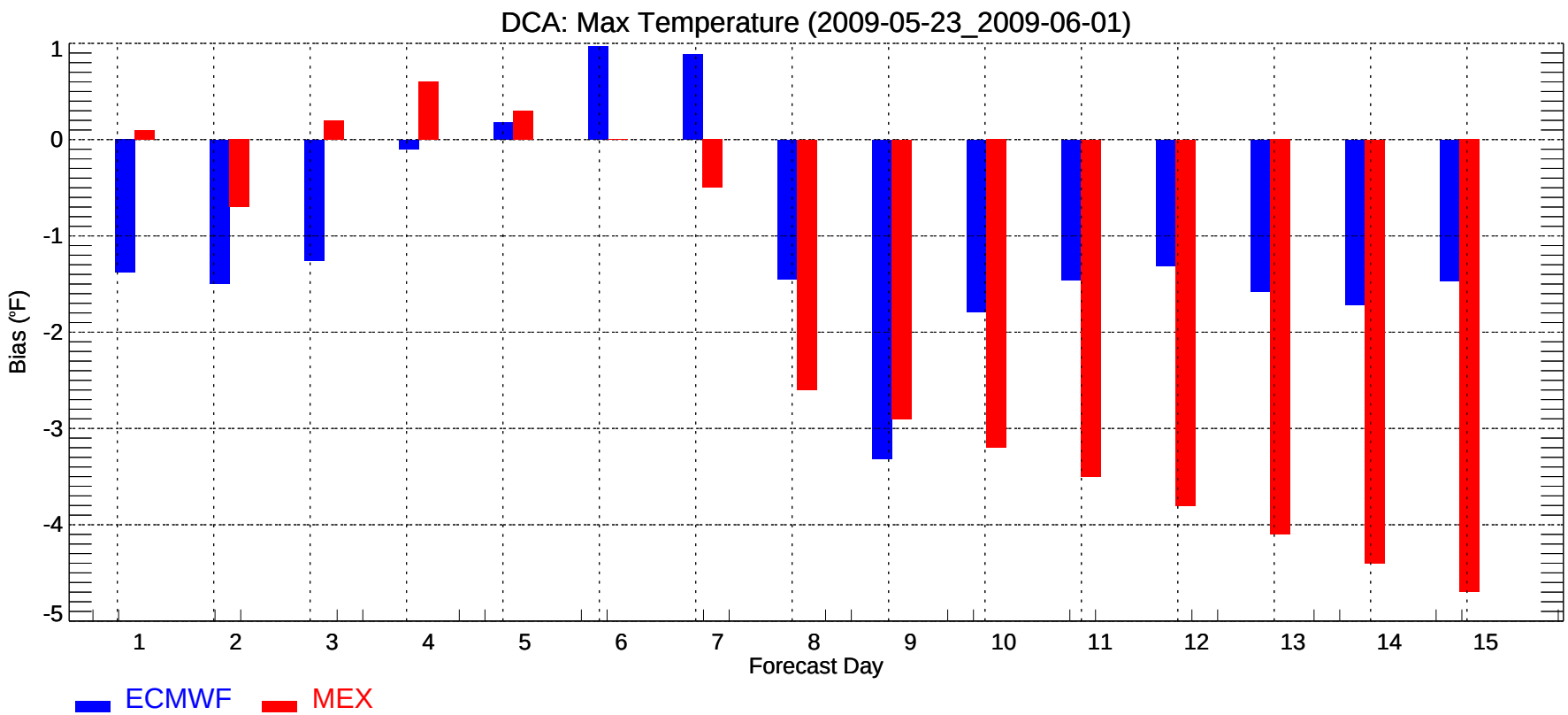
Forecast Day
ECMWF
MEX


DCA: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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-1
-2
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-4
-5
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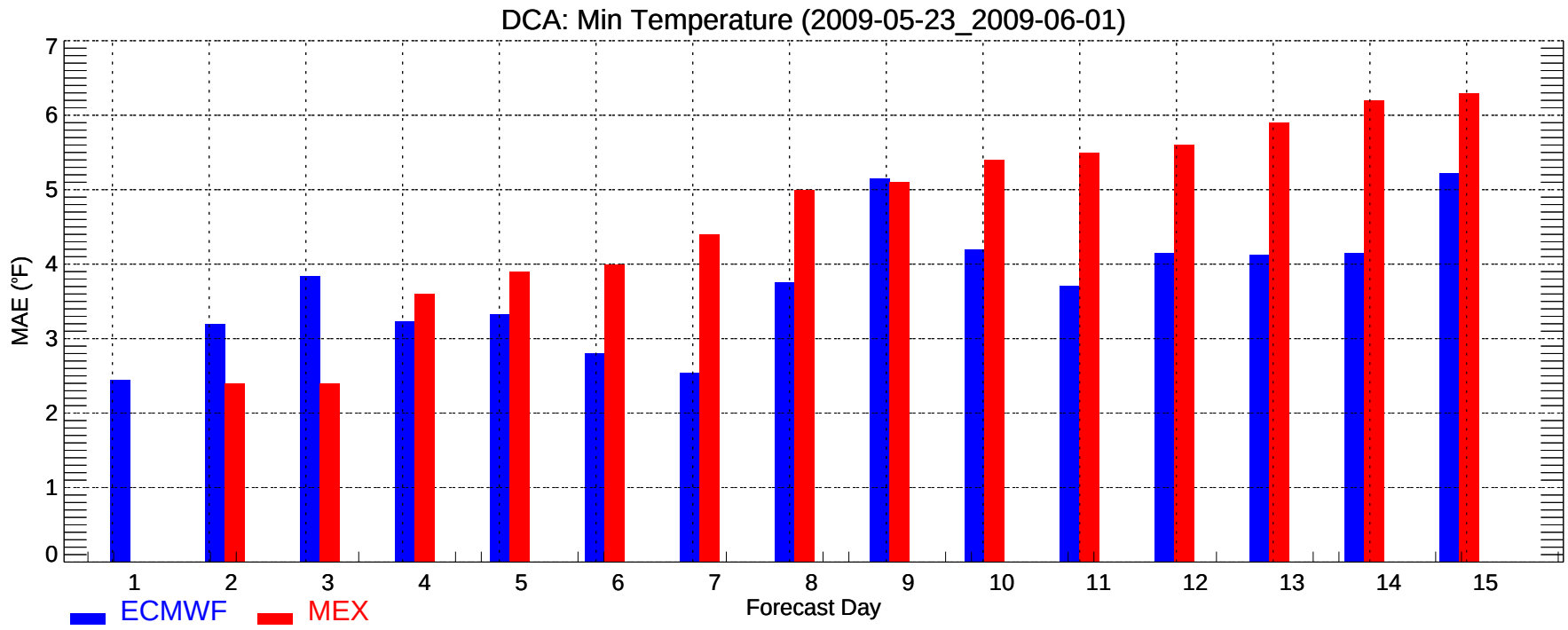
Forecast Day
ECMWF
MEX


DCA: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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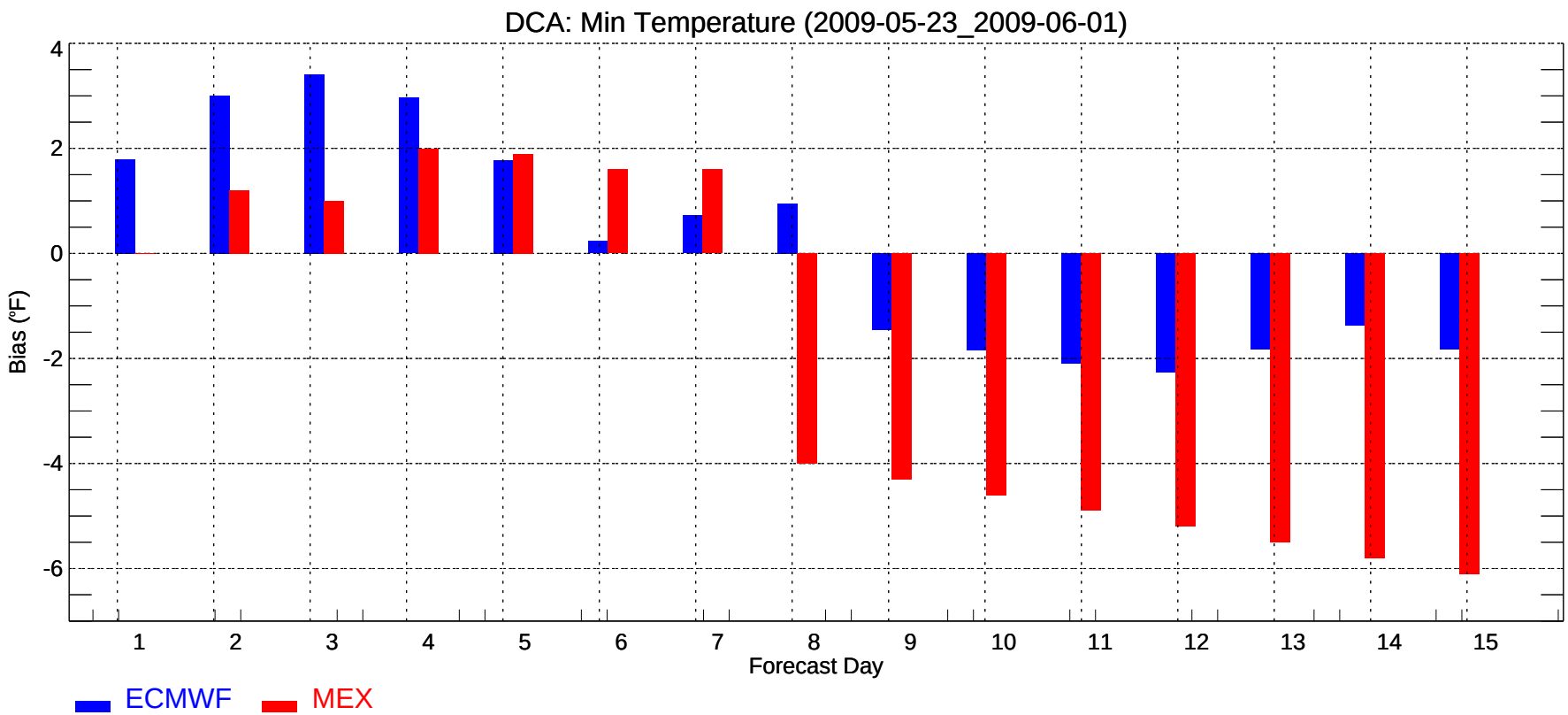
Forecast Day
ECMWF
MEX


DCA: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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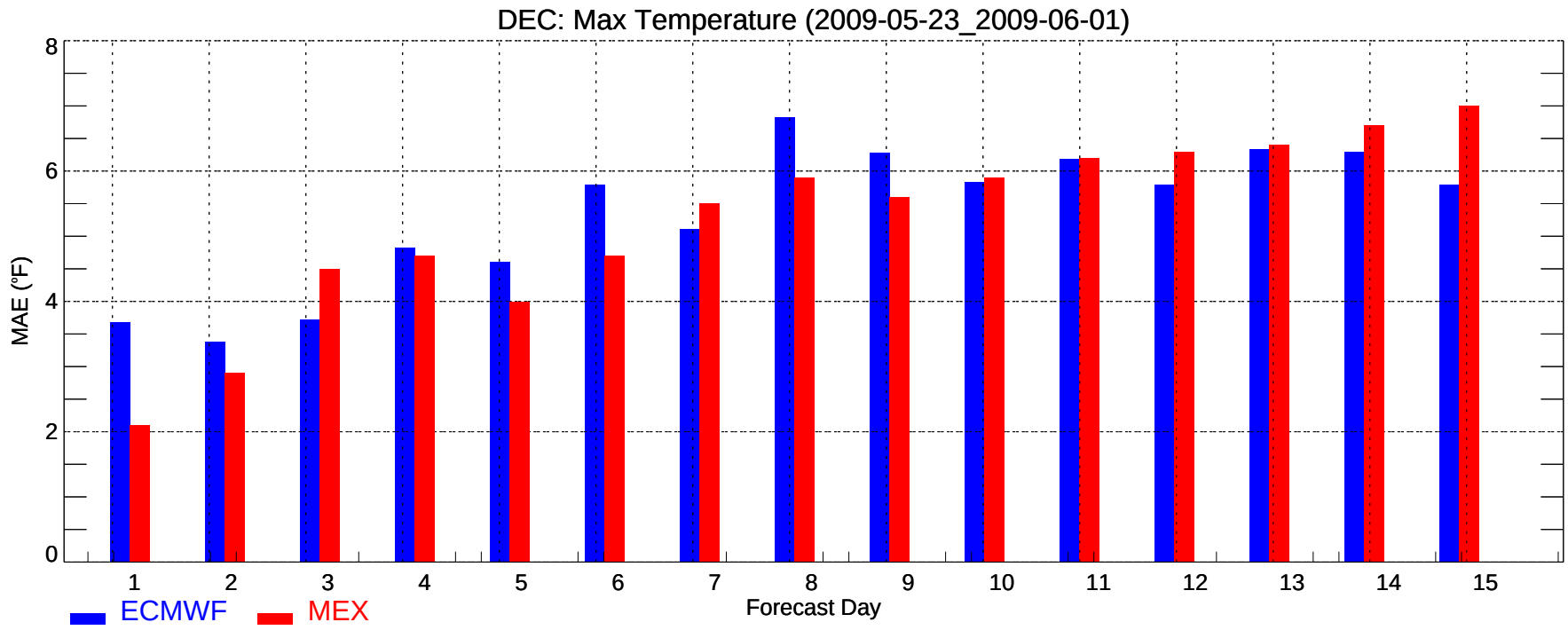
Forecast Day
ECMWF
MEX


DEC: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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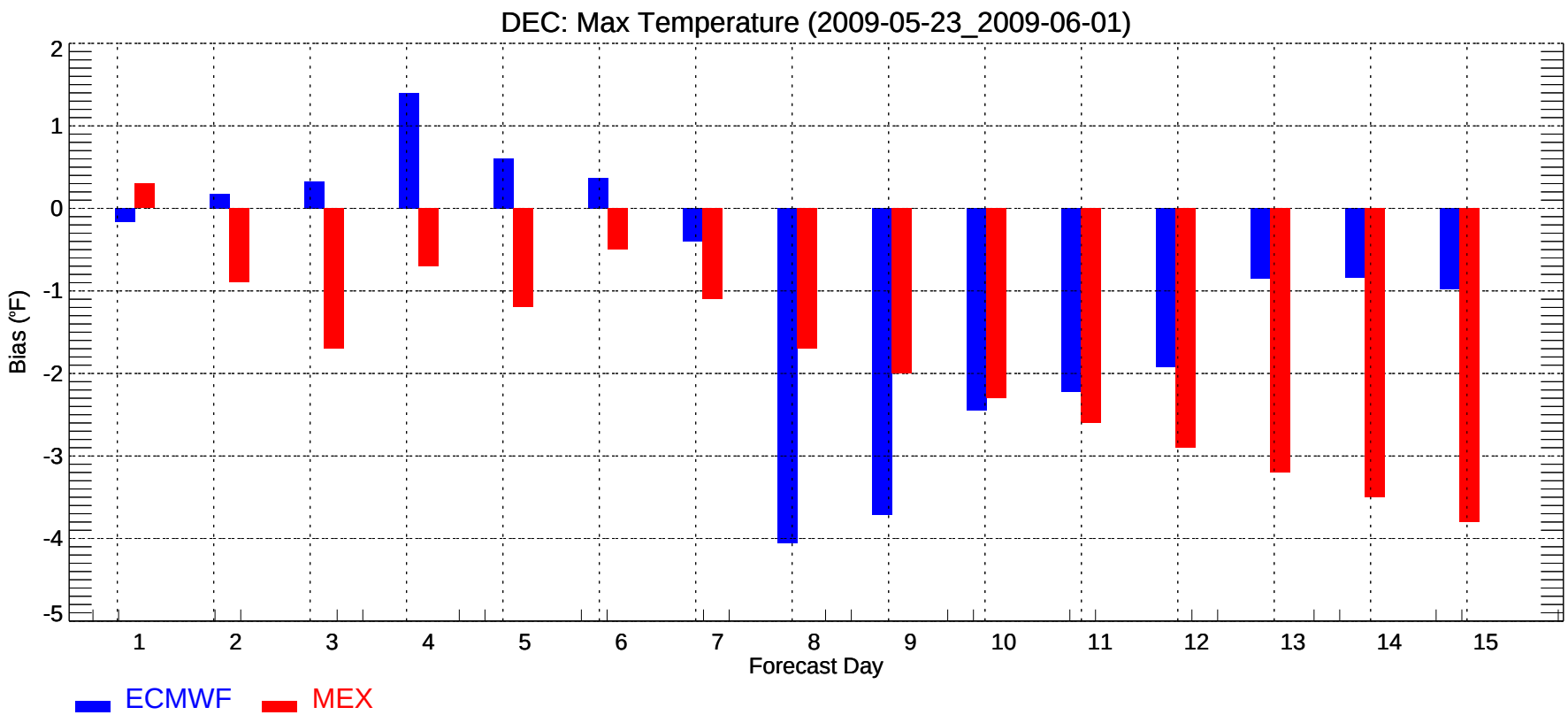
Forecast Day
ECMWF
MEX


DEC: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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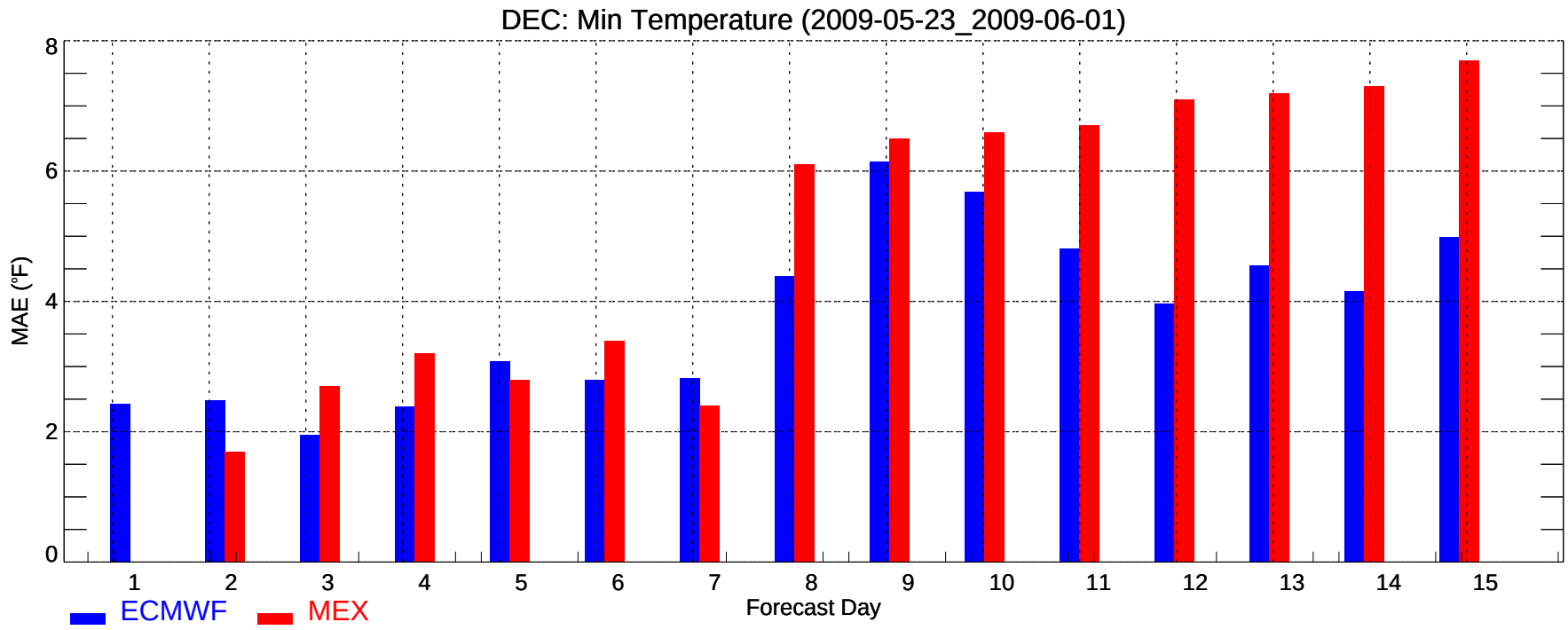
Forecast Day
ECMWF
MEX


DEC: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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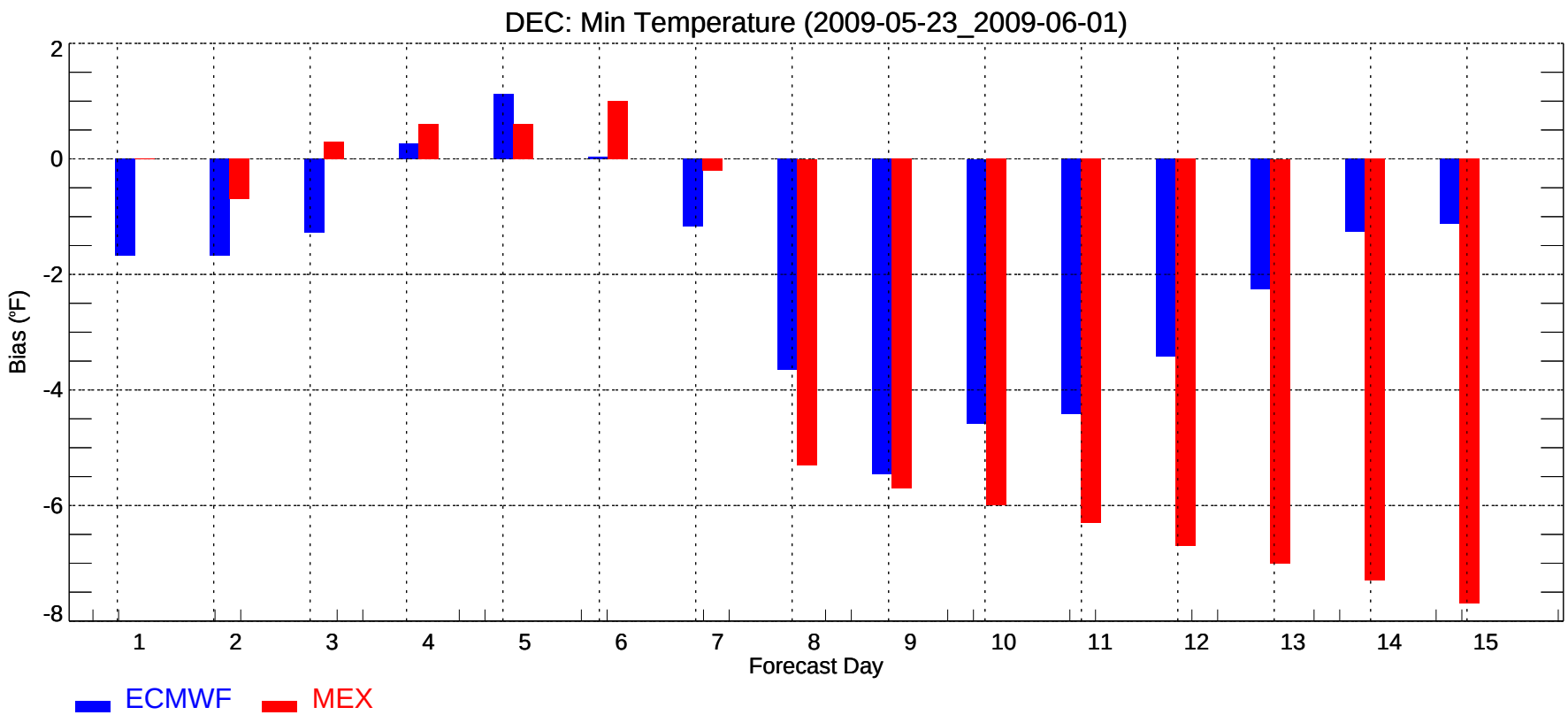
Forecast Day
ECMWF
MEX


DEC: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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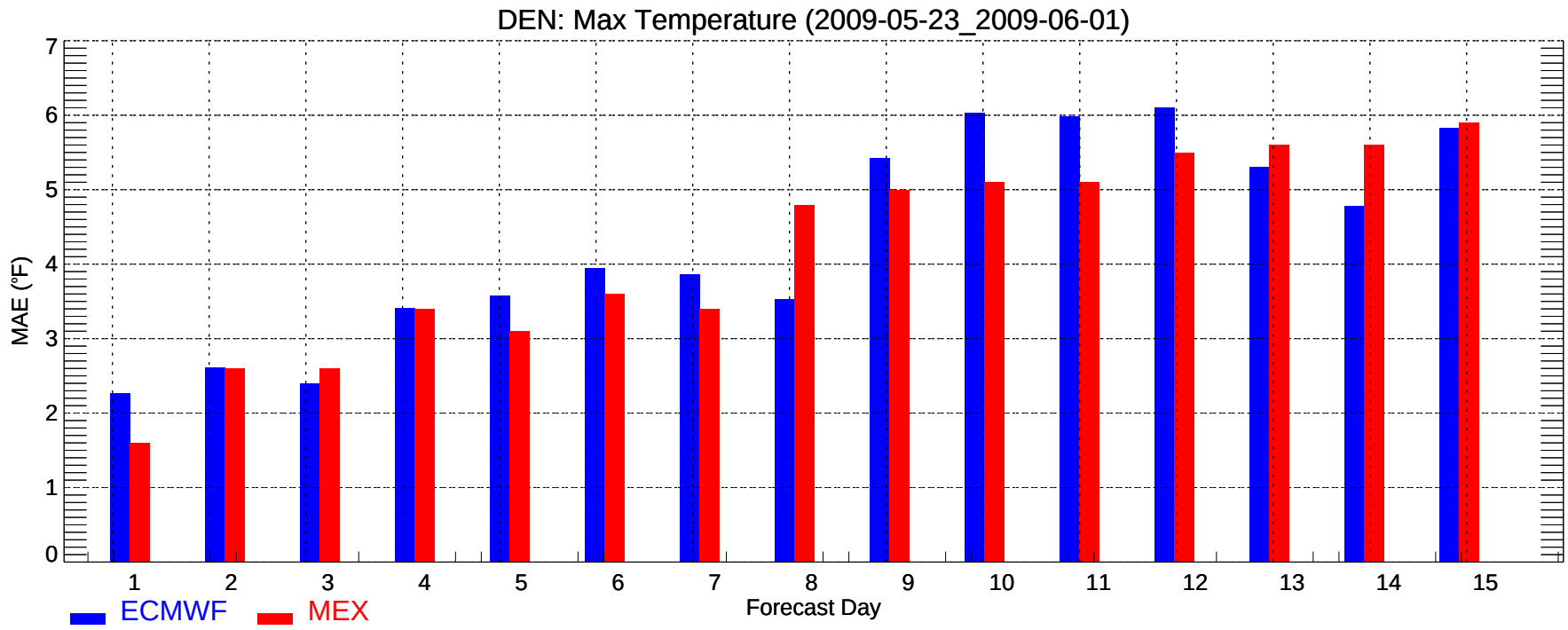
Forecast Day
ECMWF
MEX


DEN: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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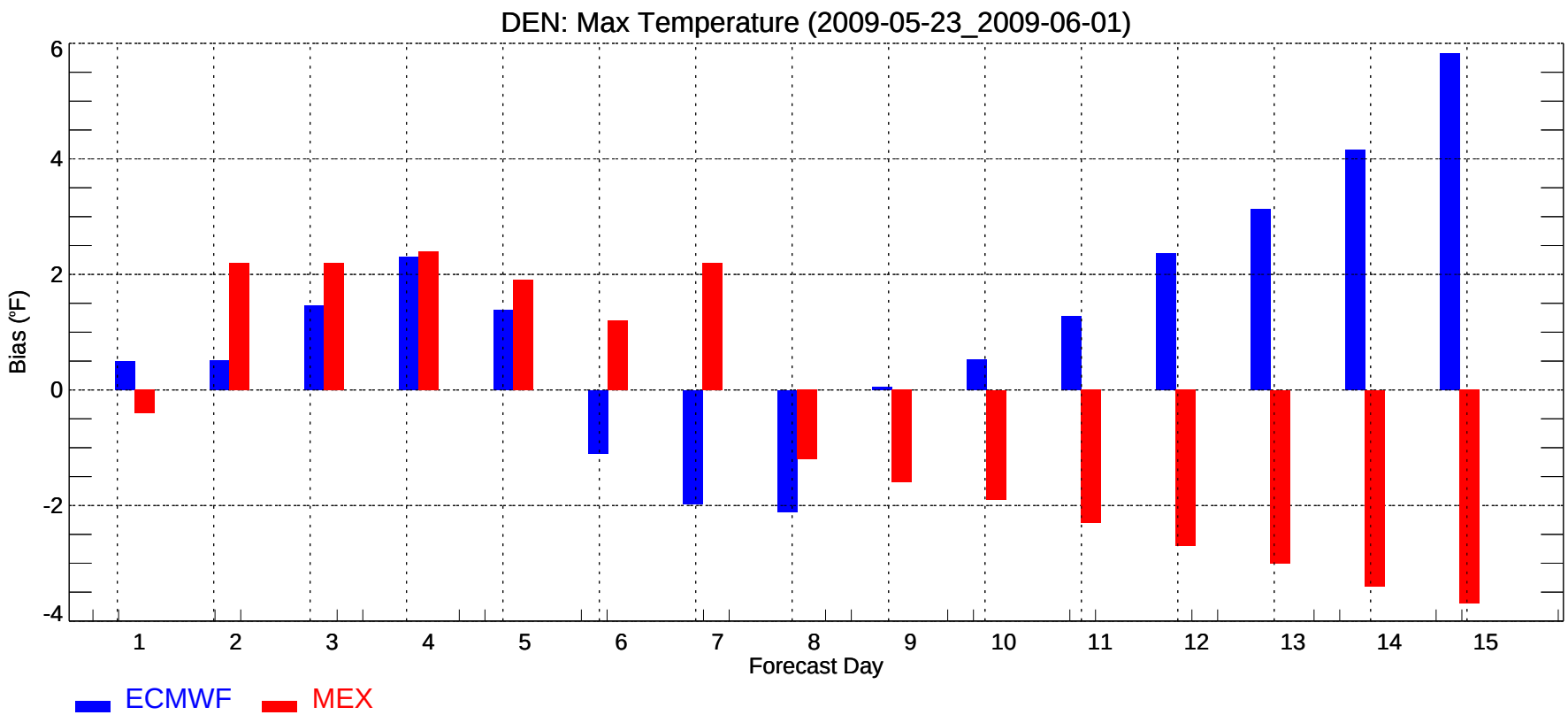
Forecast Day
ECMWF
MEX


DEN: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-4
-2
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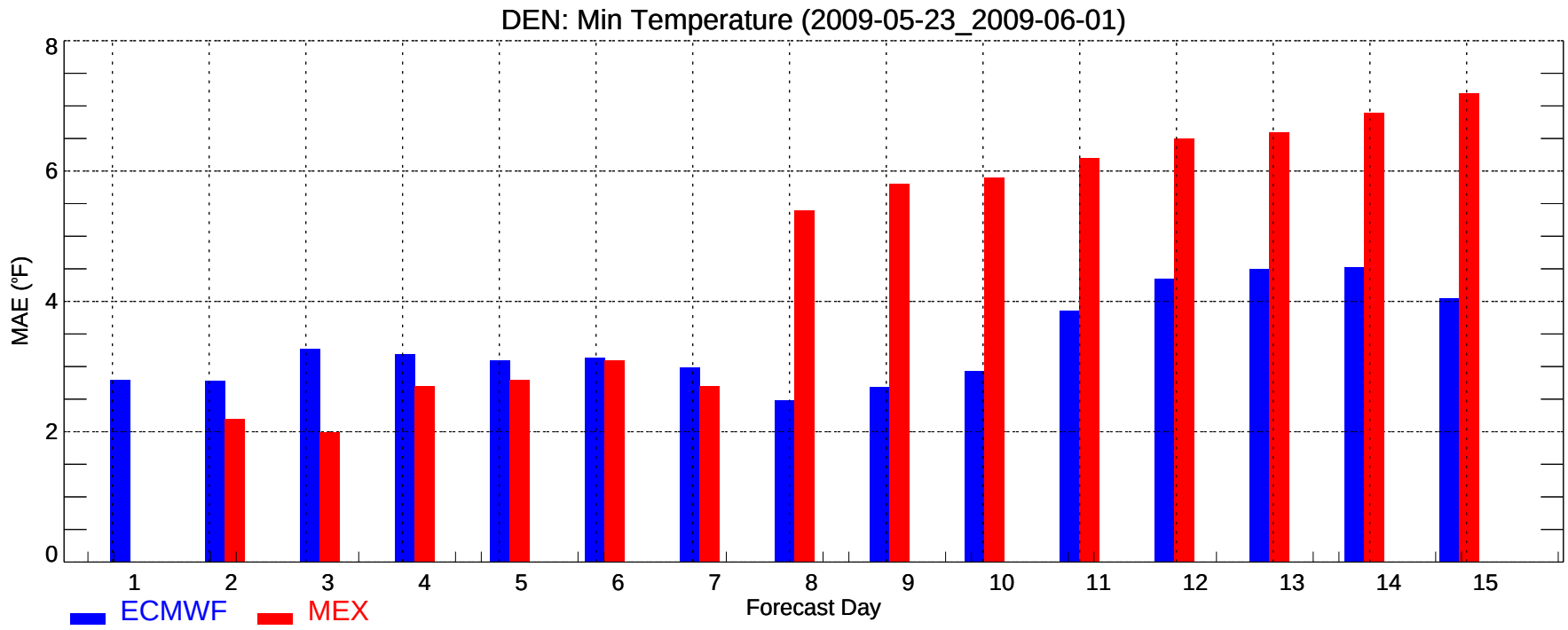
Forecast Day
ECMWF
MEX


DEN: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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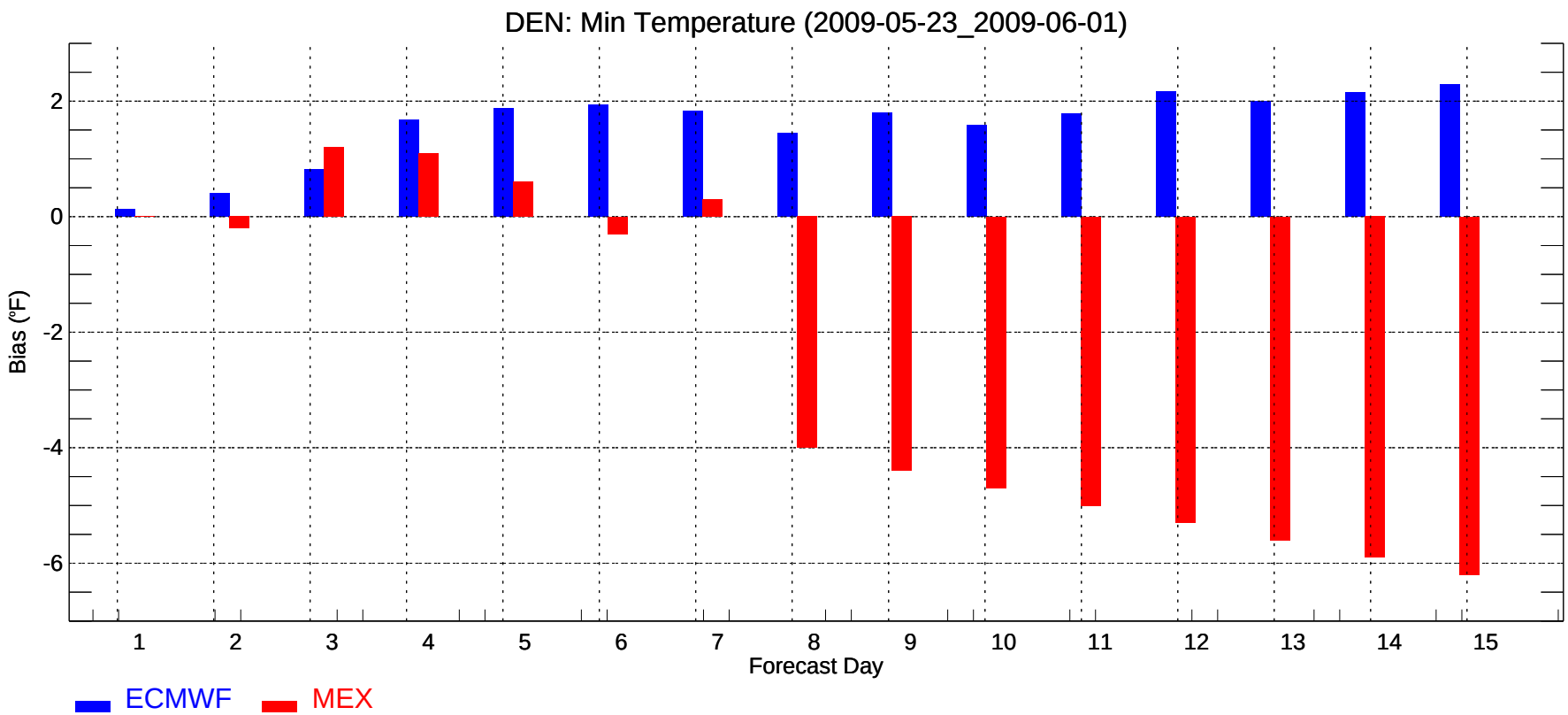
Forecast Day
ECMWF
MEX


DEN: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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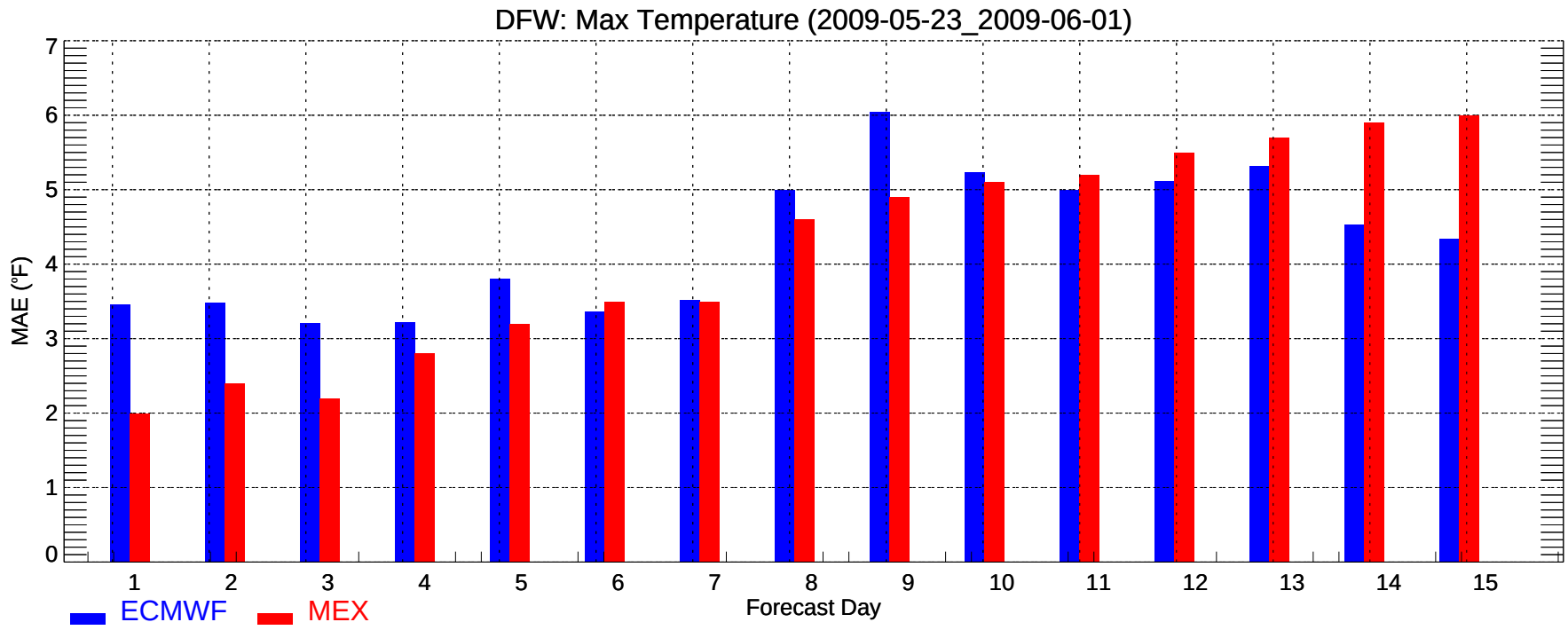
Forecast Day
ECMWF
MEX


DFW: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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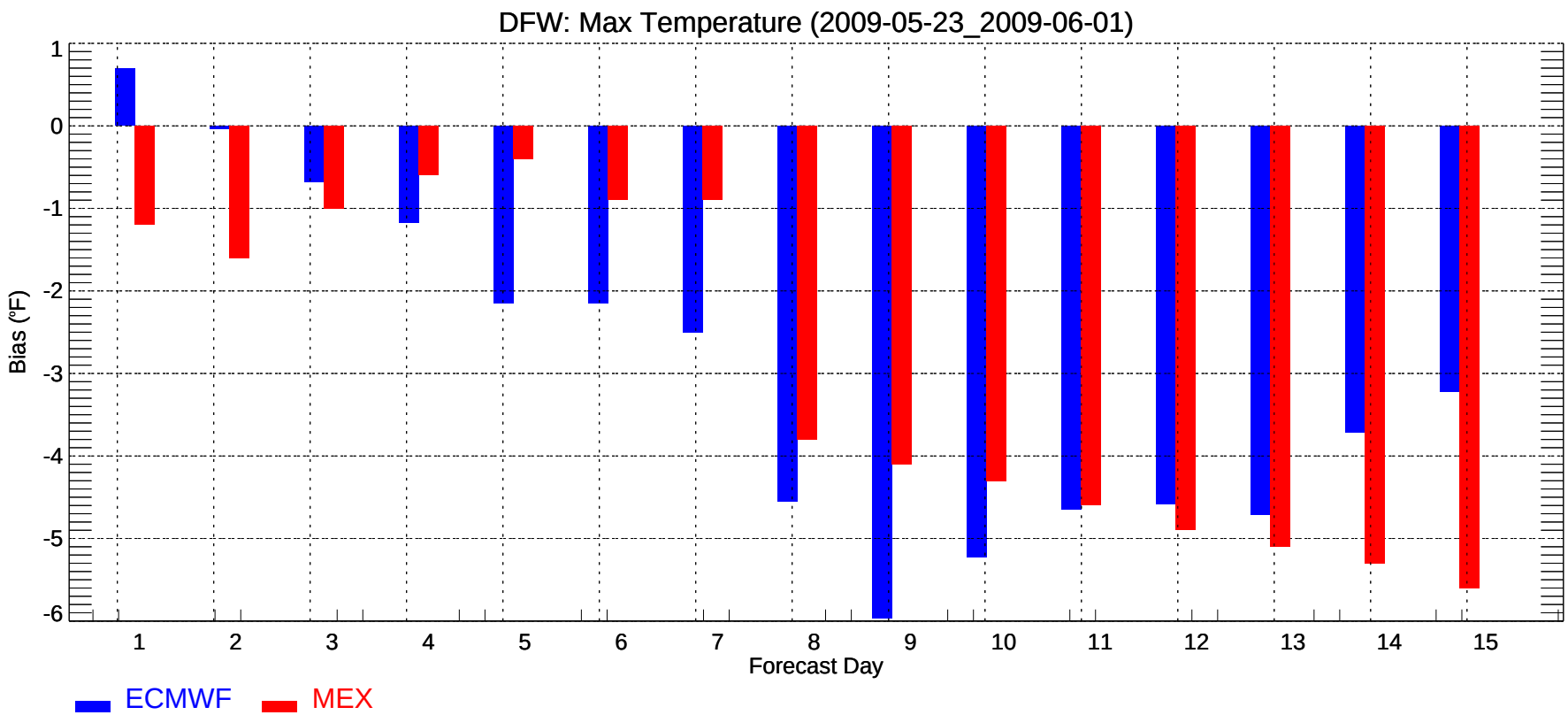
Forecast Day
ECMWF
MEX


DFW: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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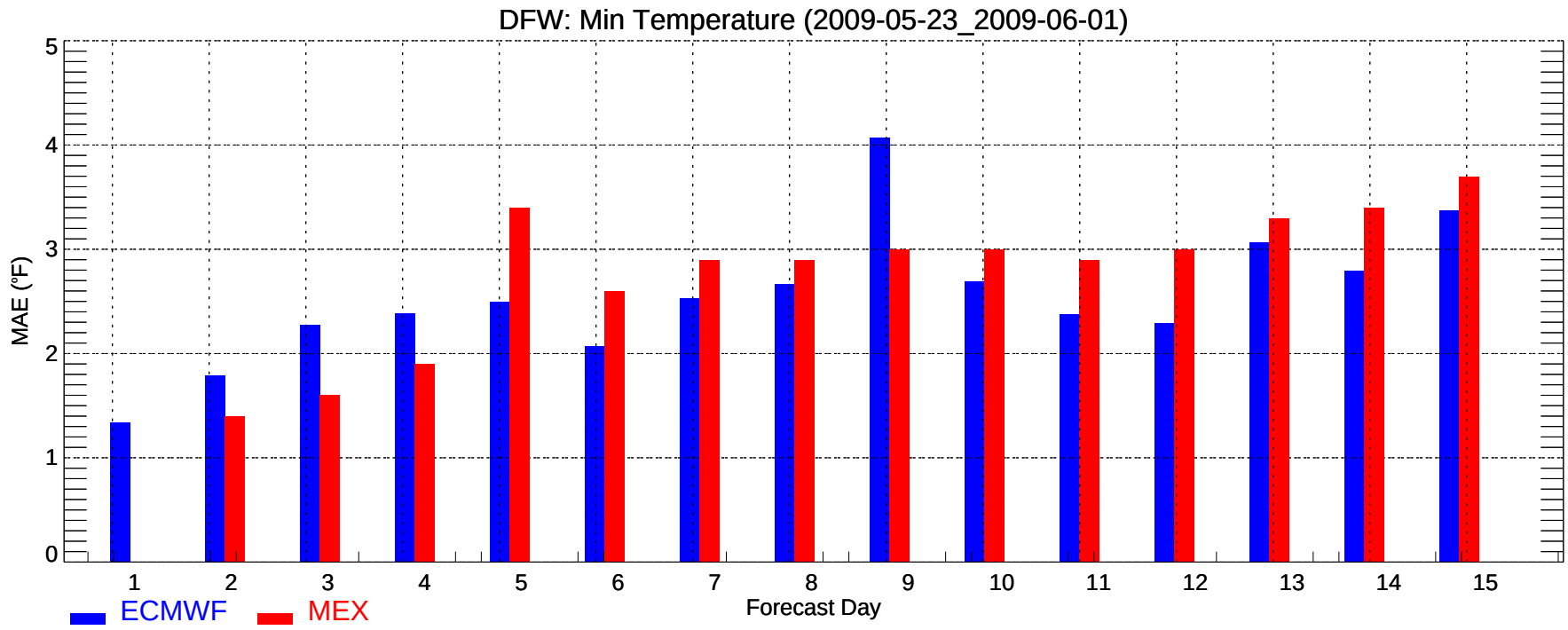
Forecast Day
ECMWF
MEX


DFW: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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Forecast Day
ECMWF
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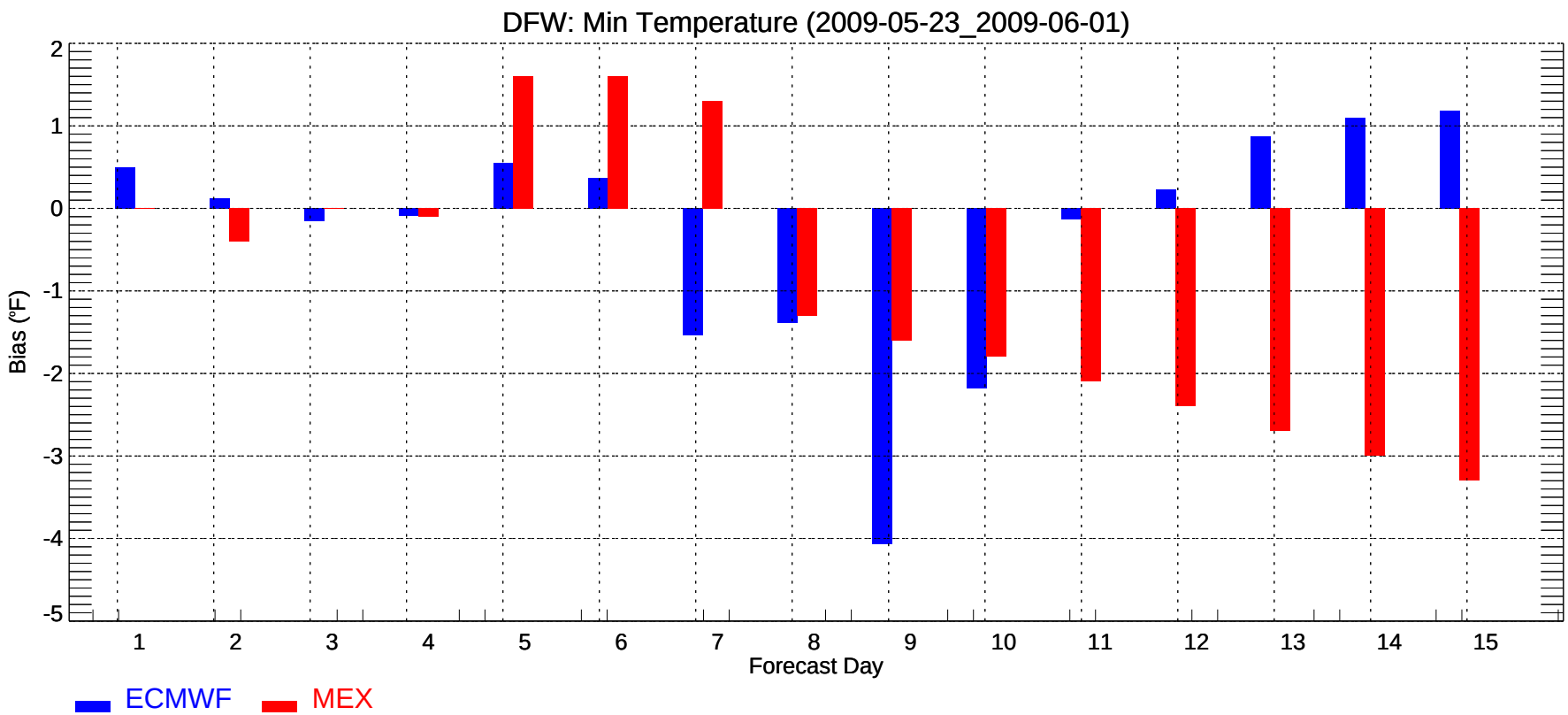
DFW: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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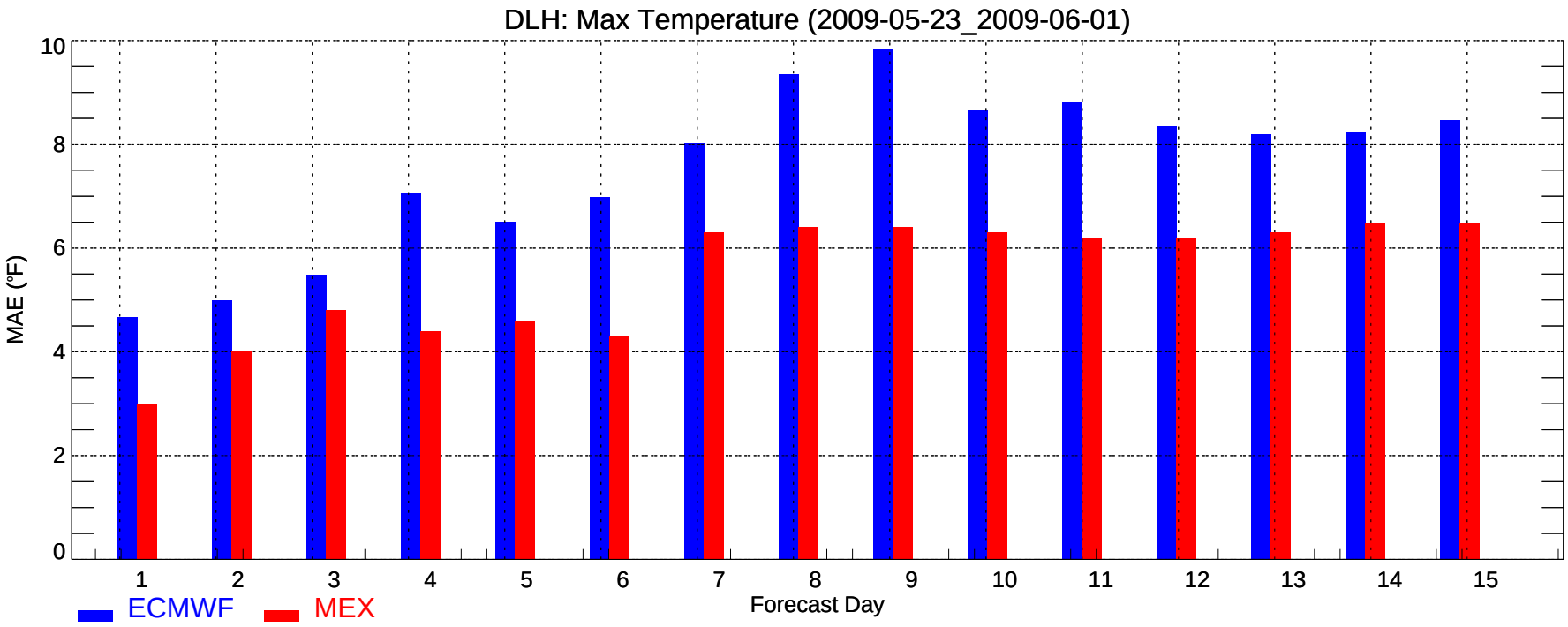
Forecast Day
ECMWF
MEX


DLH: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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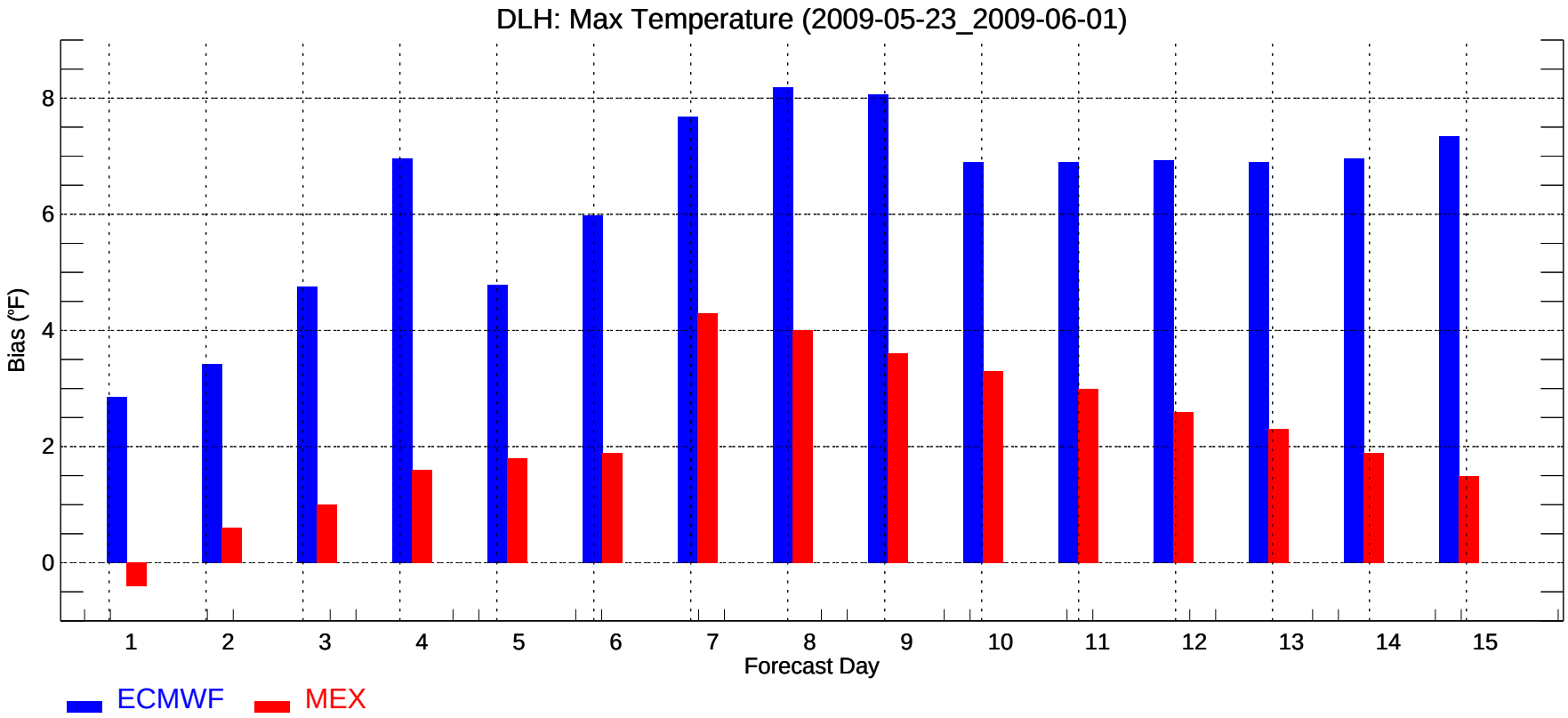
Forecast Day
ECMWF
MEX


DLH: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
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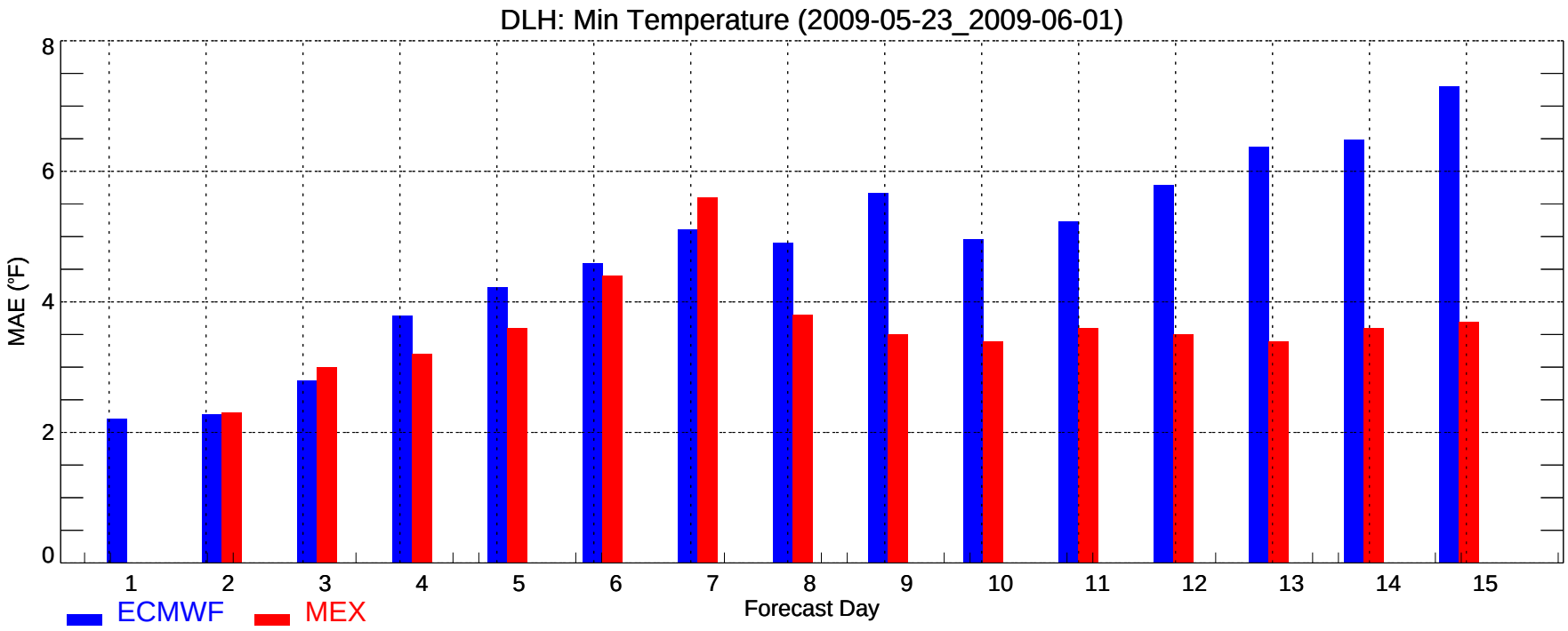
Forecast Day
ECMWF
MEX


DLH: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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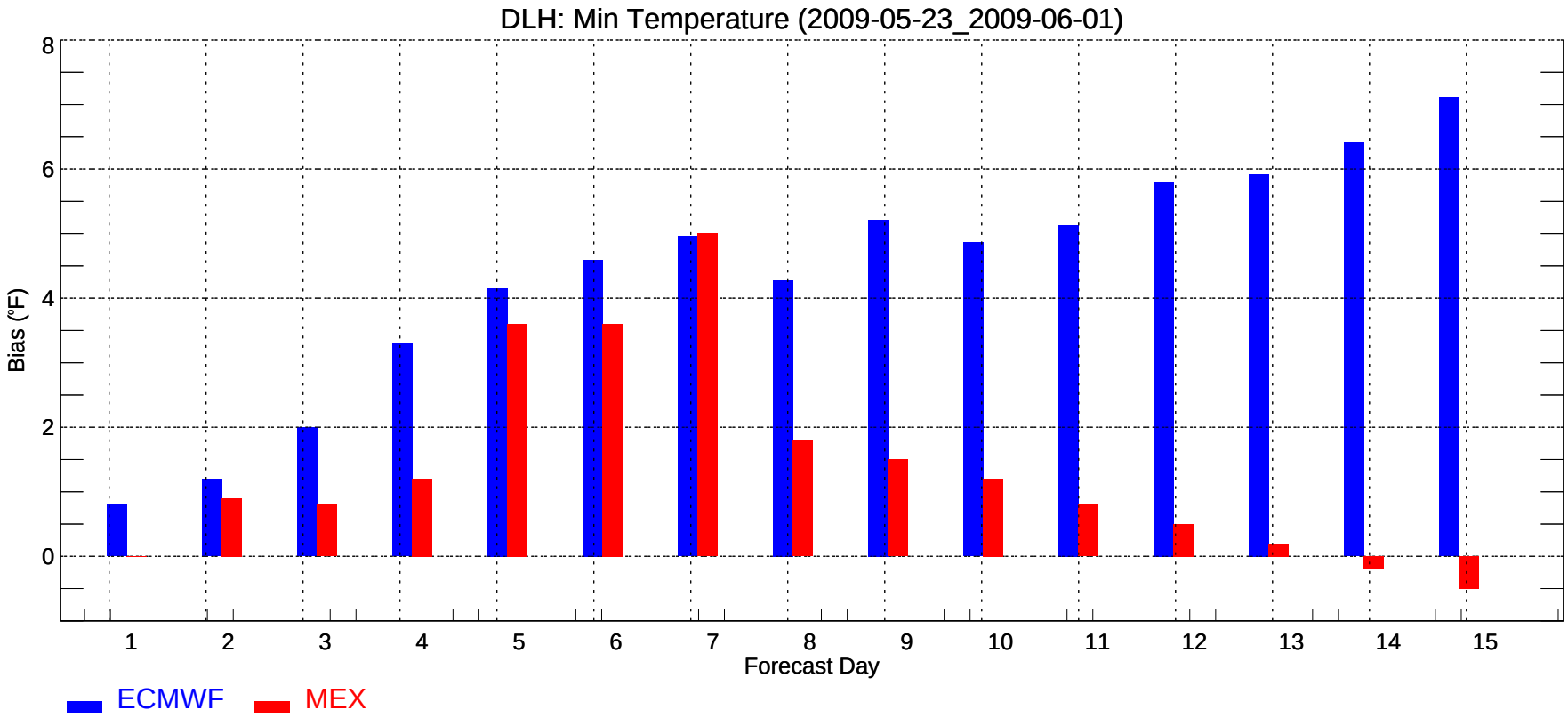
Forecast Day
ECMWF
MEX


DLH: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
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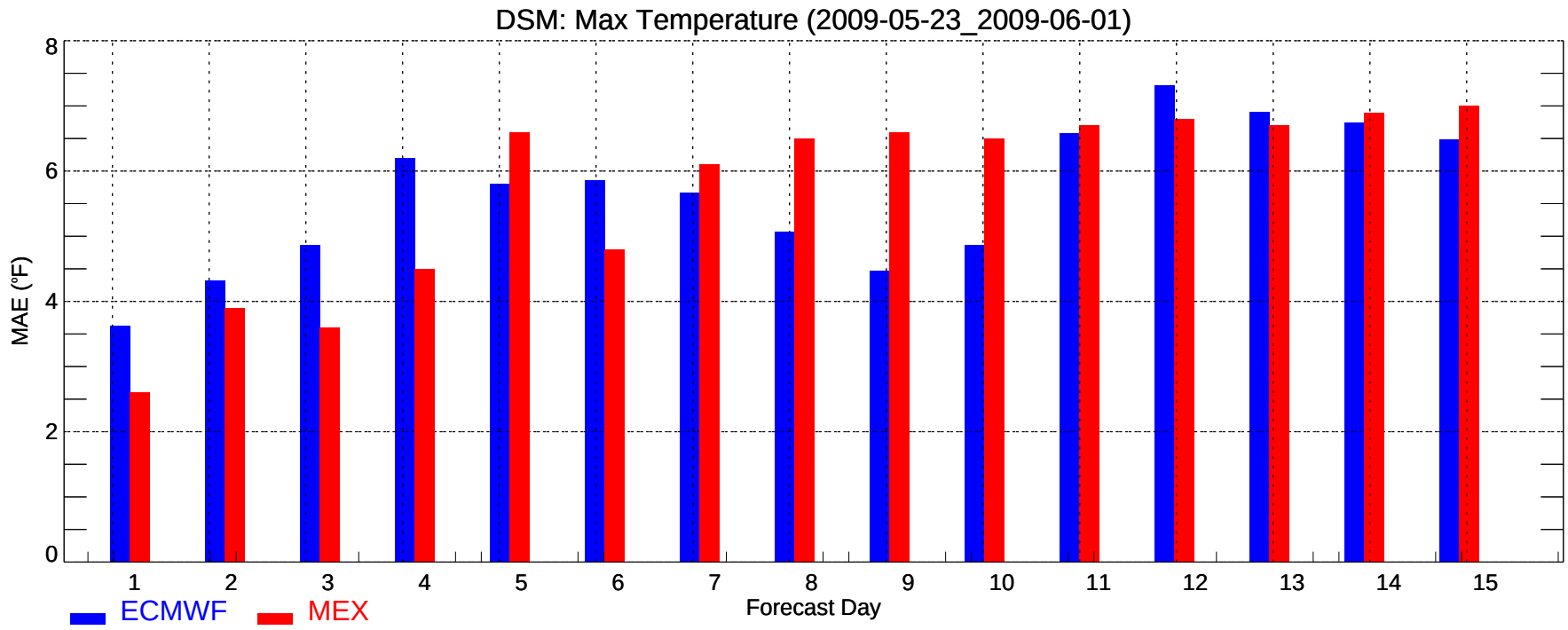
Forecast Day
ECMWF
MEX


DSM: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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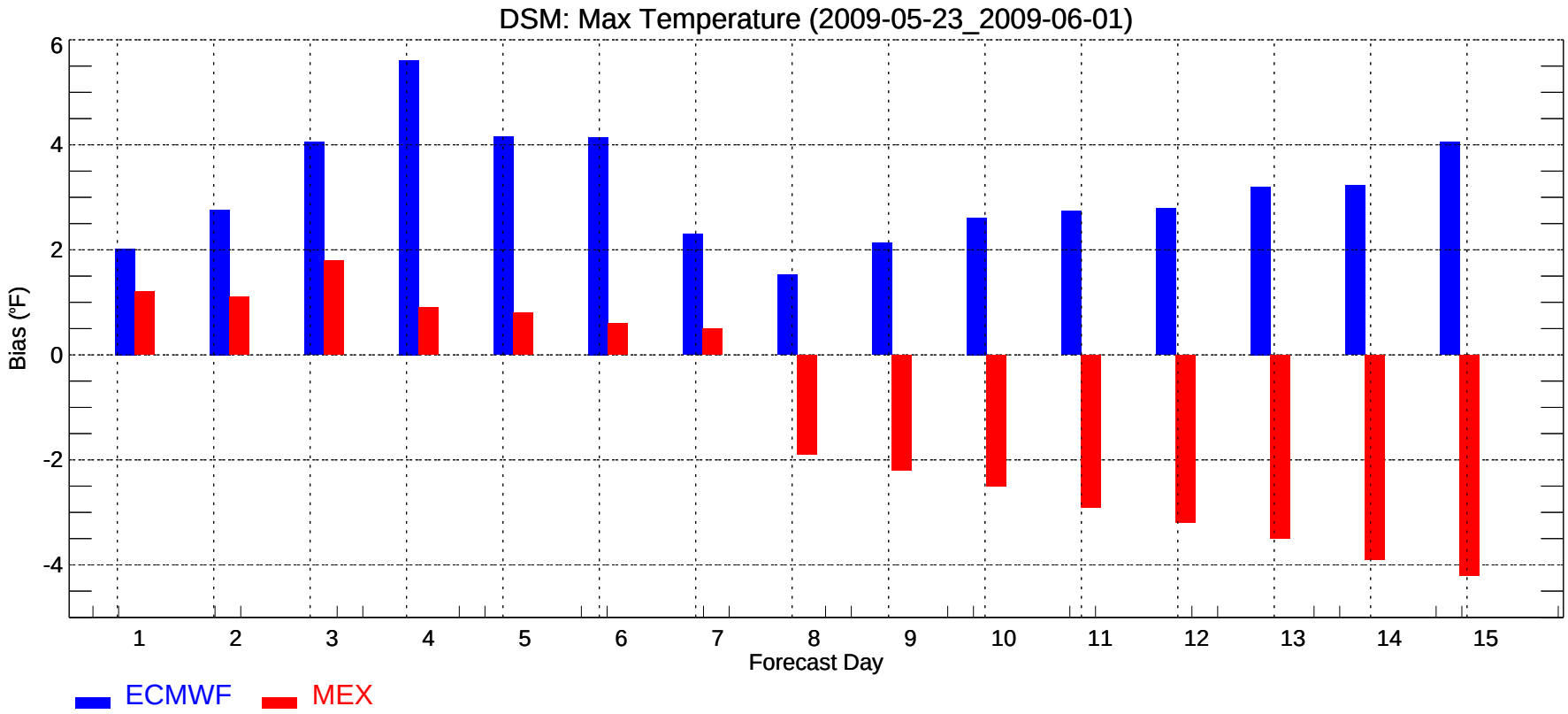
Forecast Day
ECMWF
MEX


DSM: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
6
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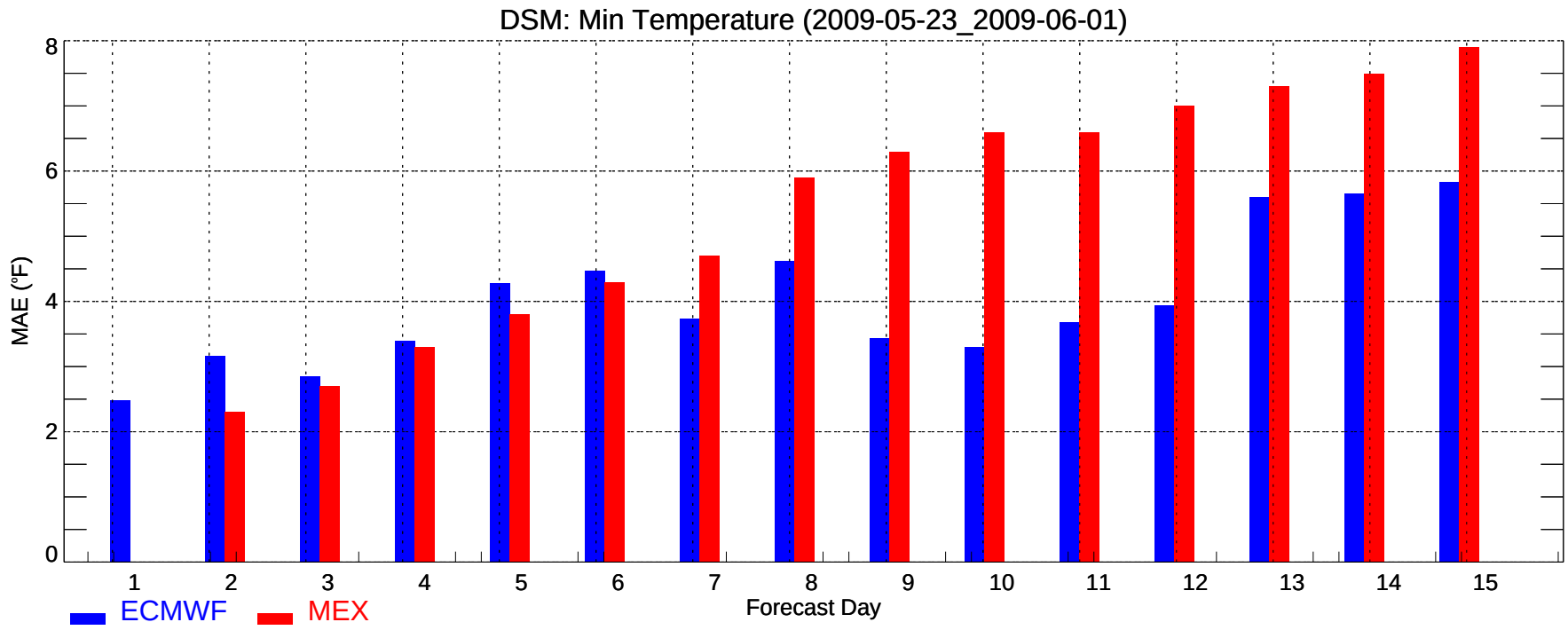
Forecast Day
ECMWF
MEX


DSM: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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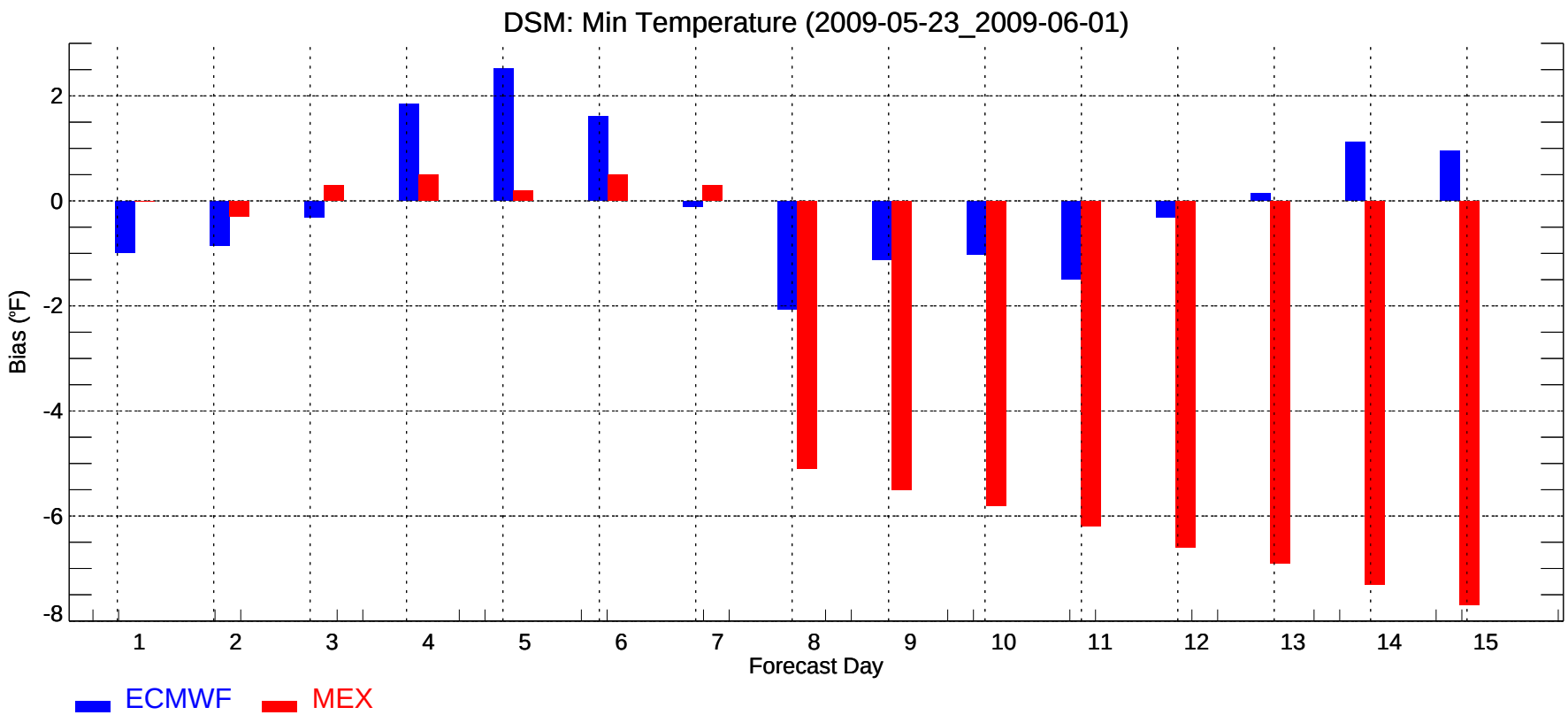
Forecast Day
ECMWF
MEX


DSM: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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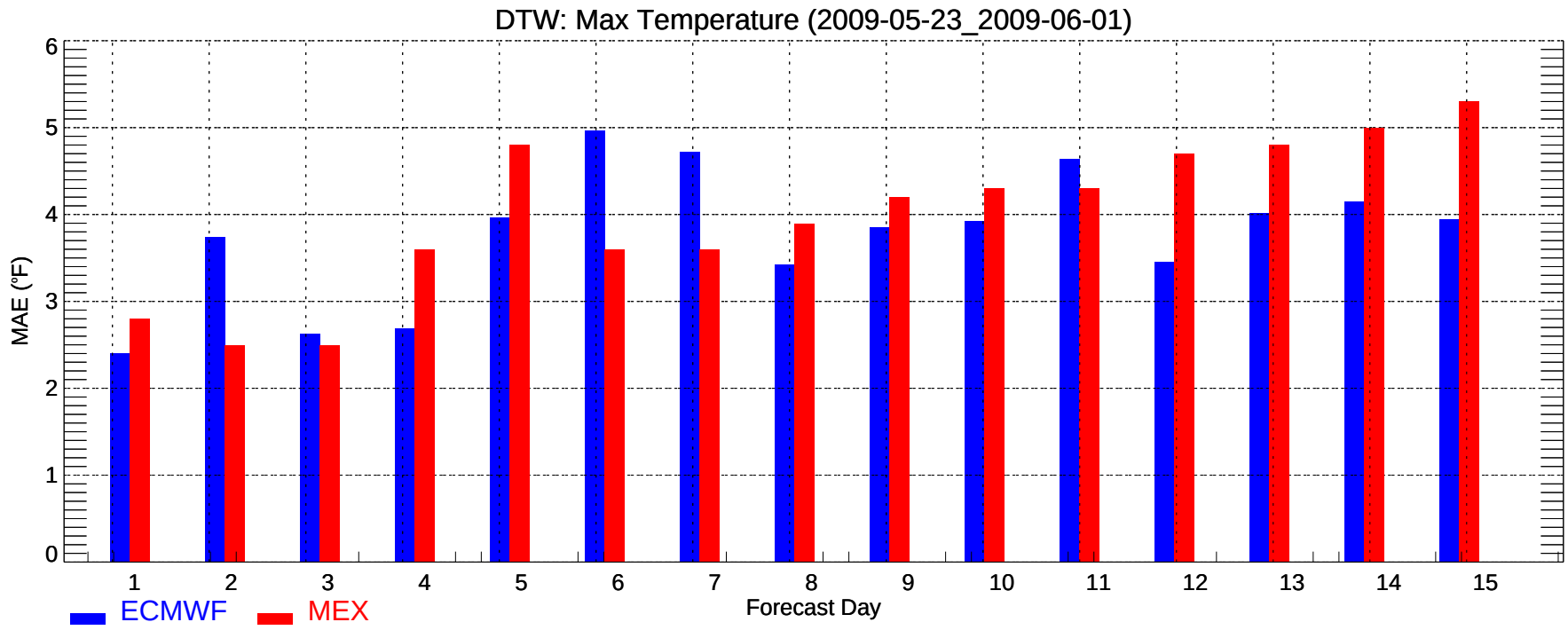
Forecast Day
ECMWF
MEX


DTW: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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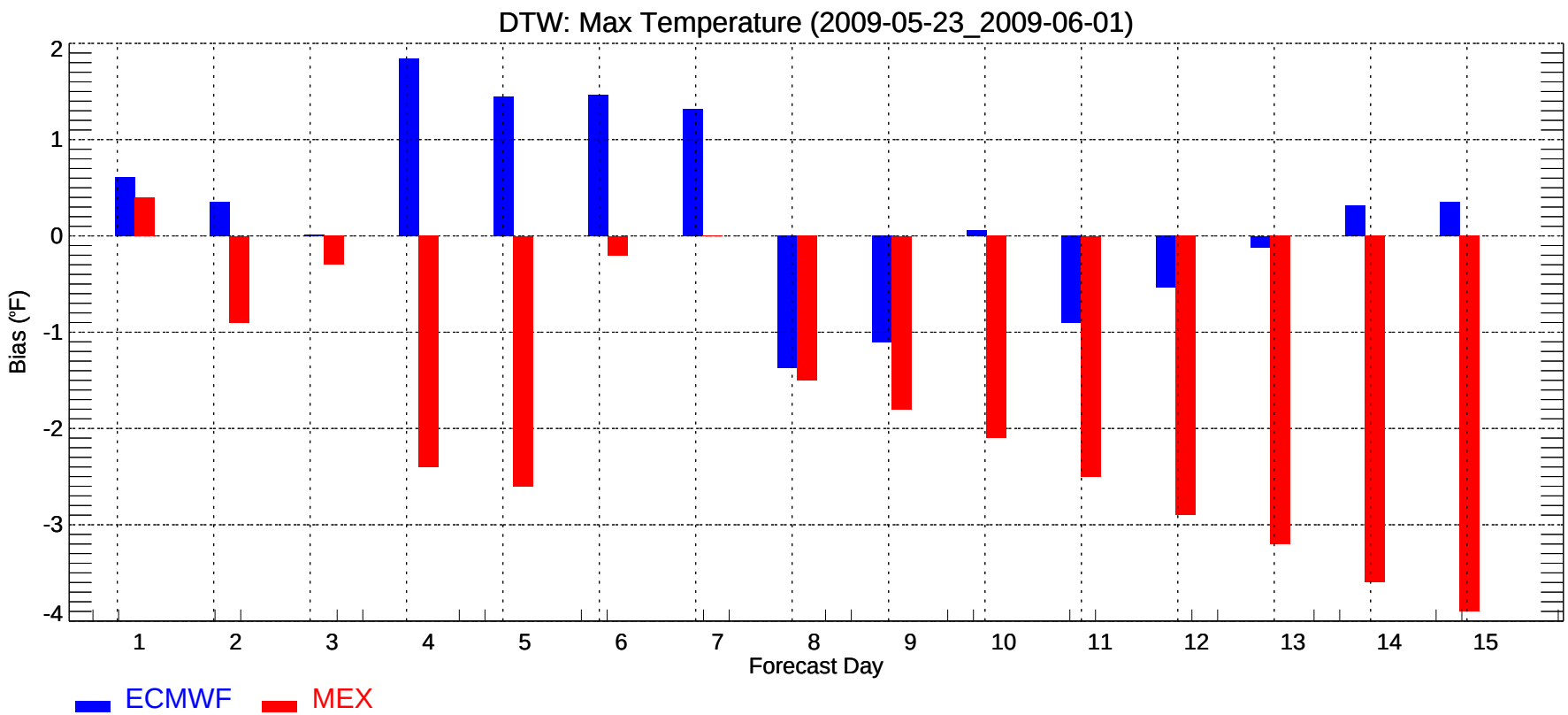
Forecast Day
ECMWF
MEX


DTW: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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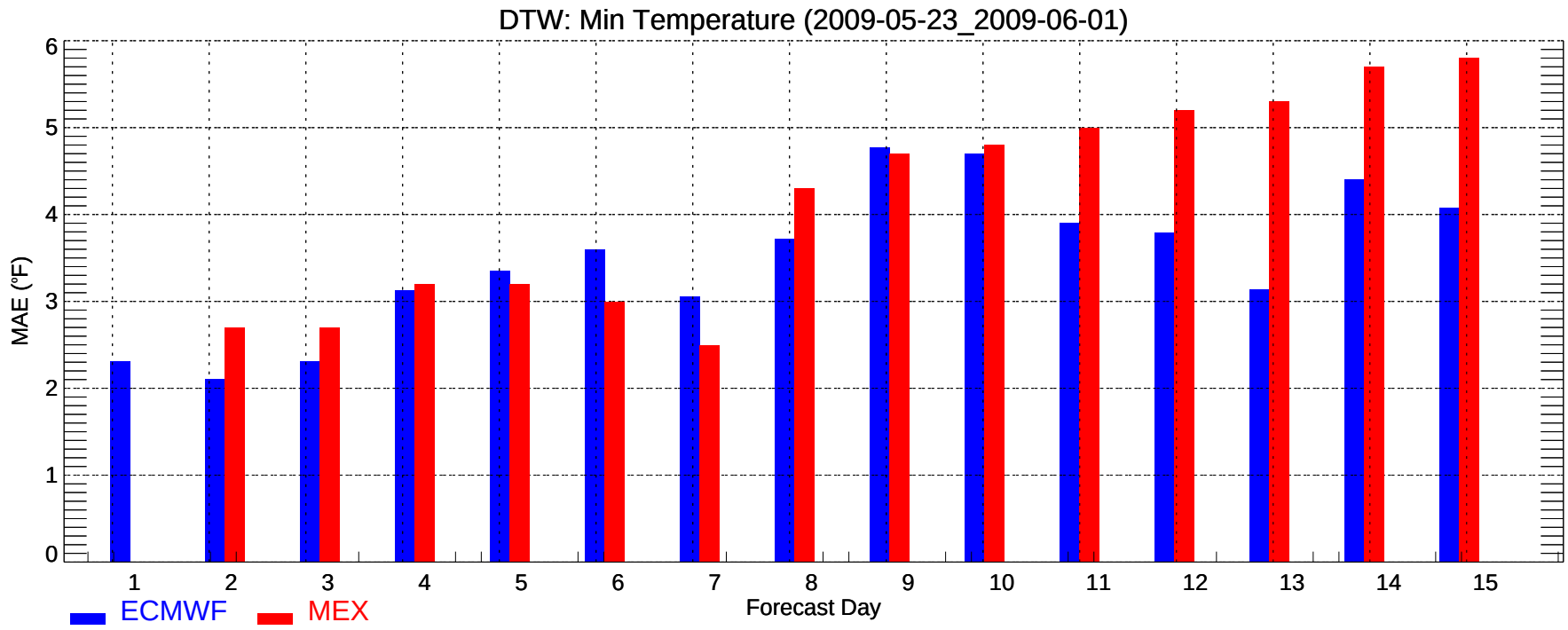
Forecast Day
ECMWF
MEX


DTW: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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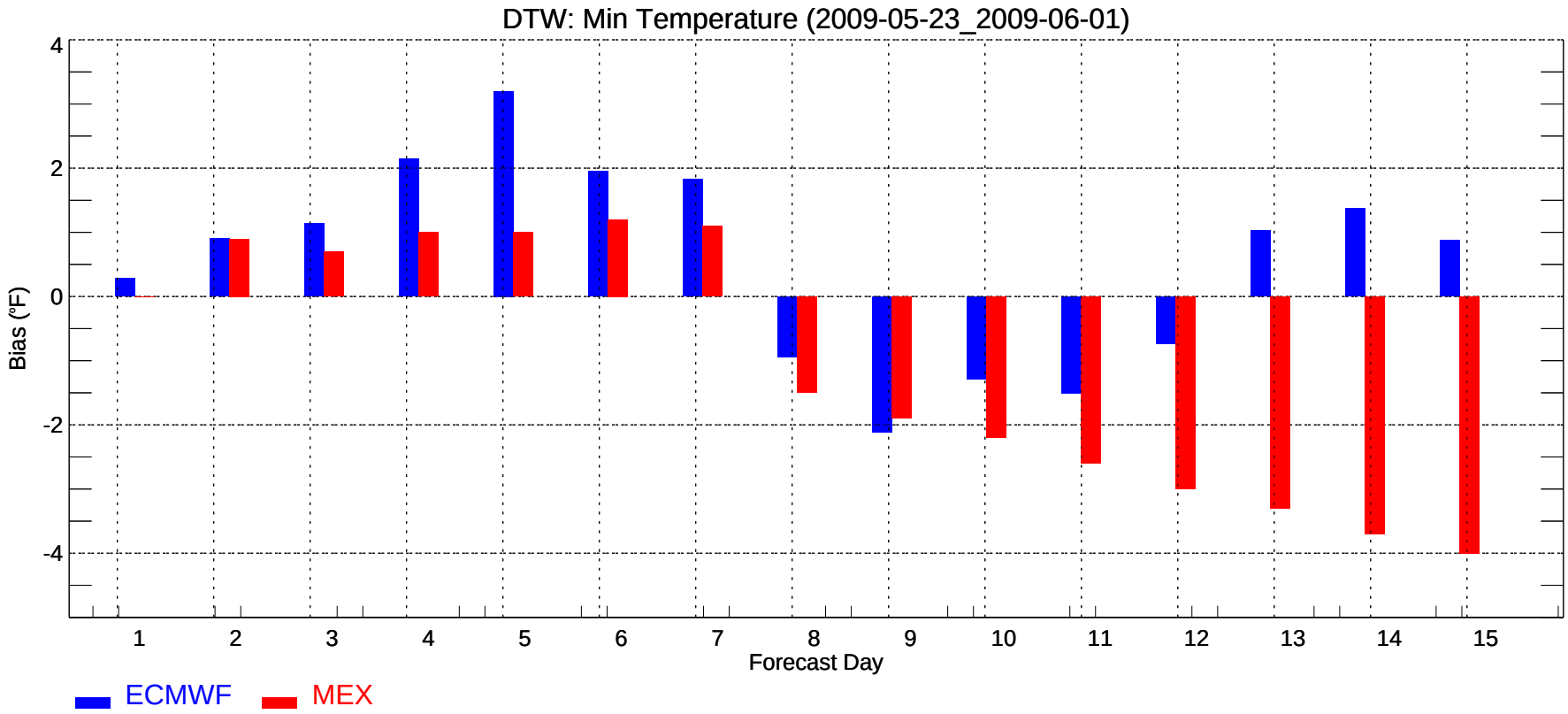
Forecast Day
ECMWF
MEX


DTW: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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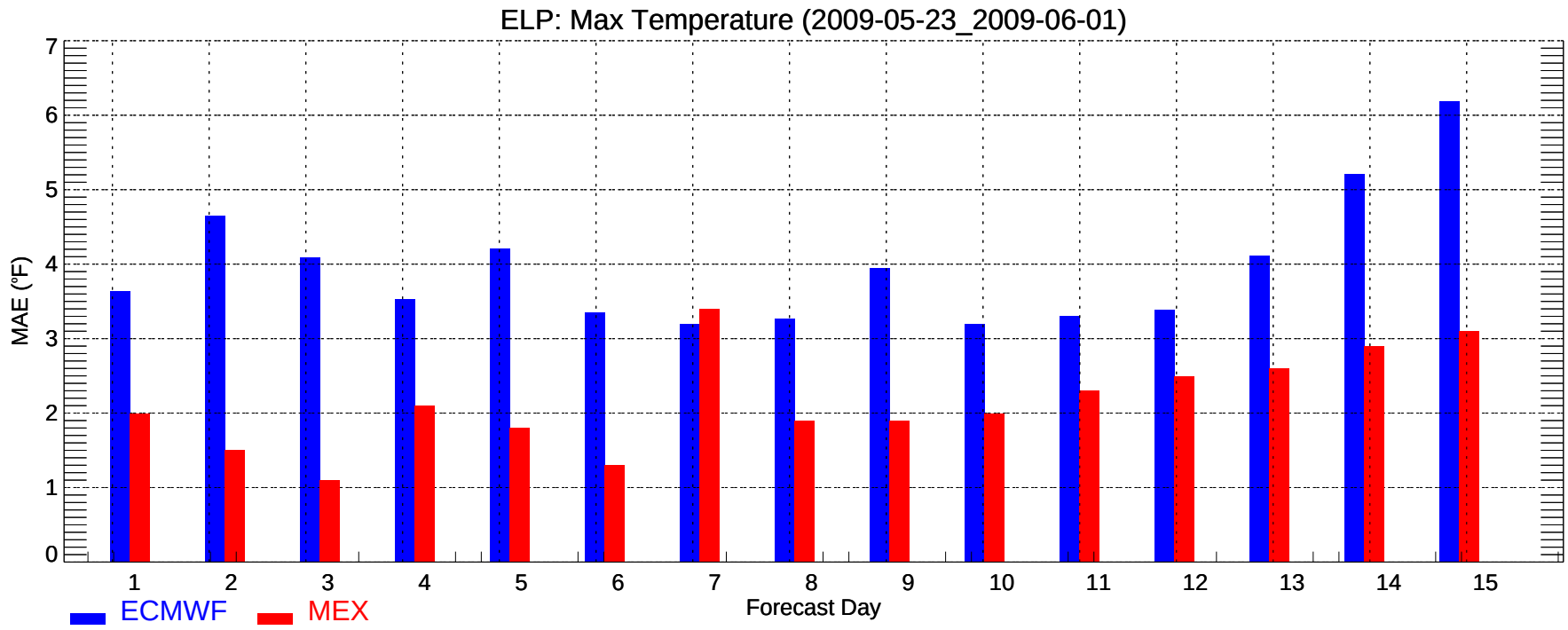
Forecast Day
ECMWF
MEX


ELP: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
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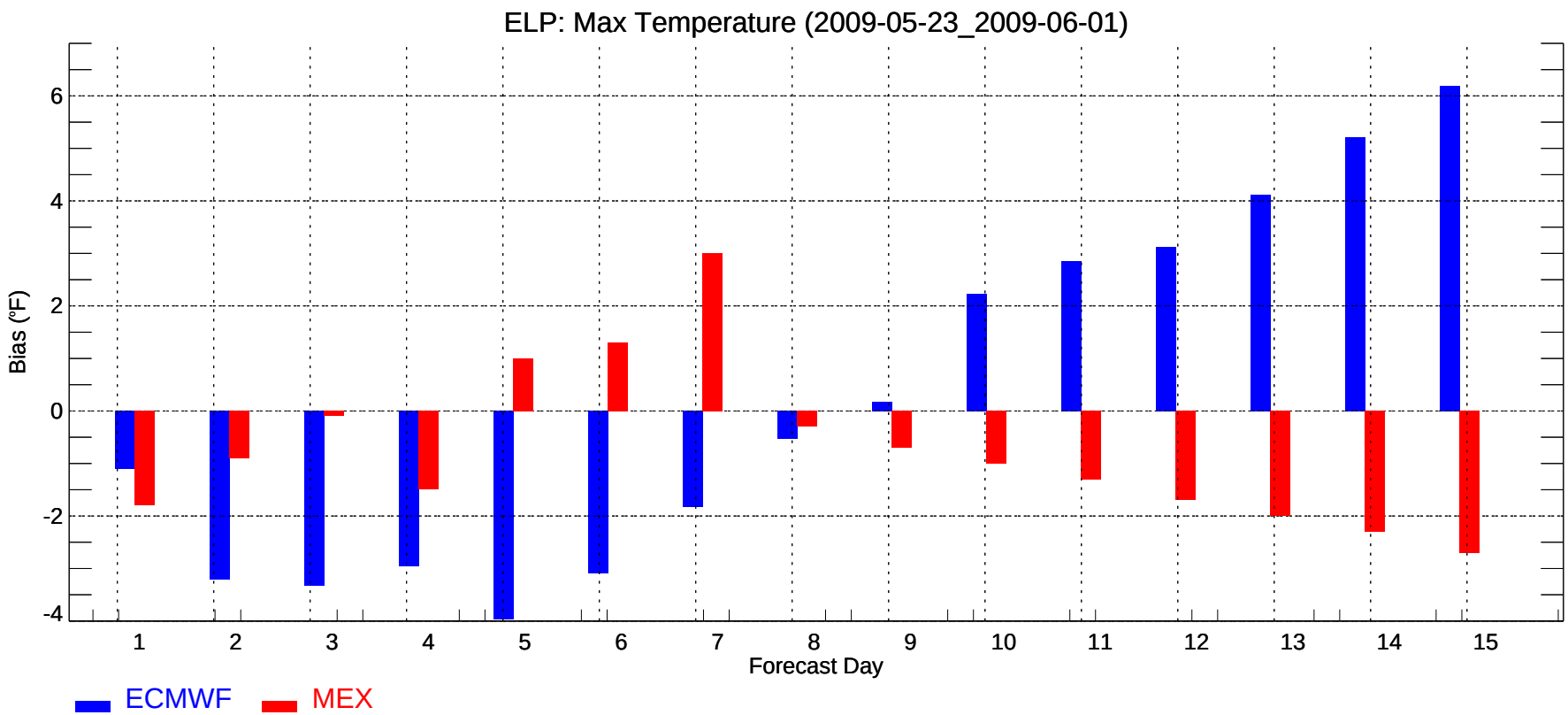
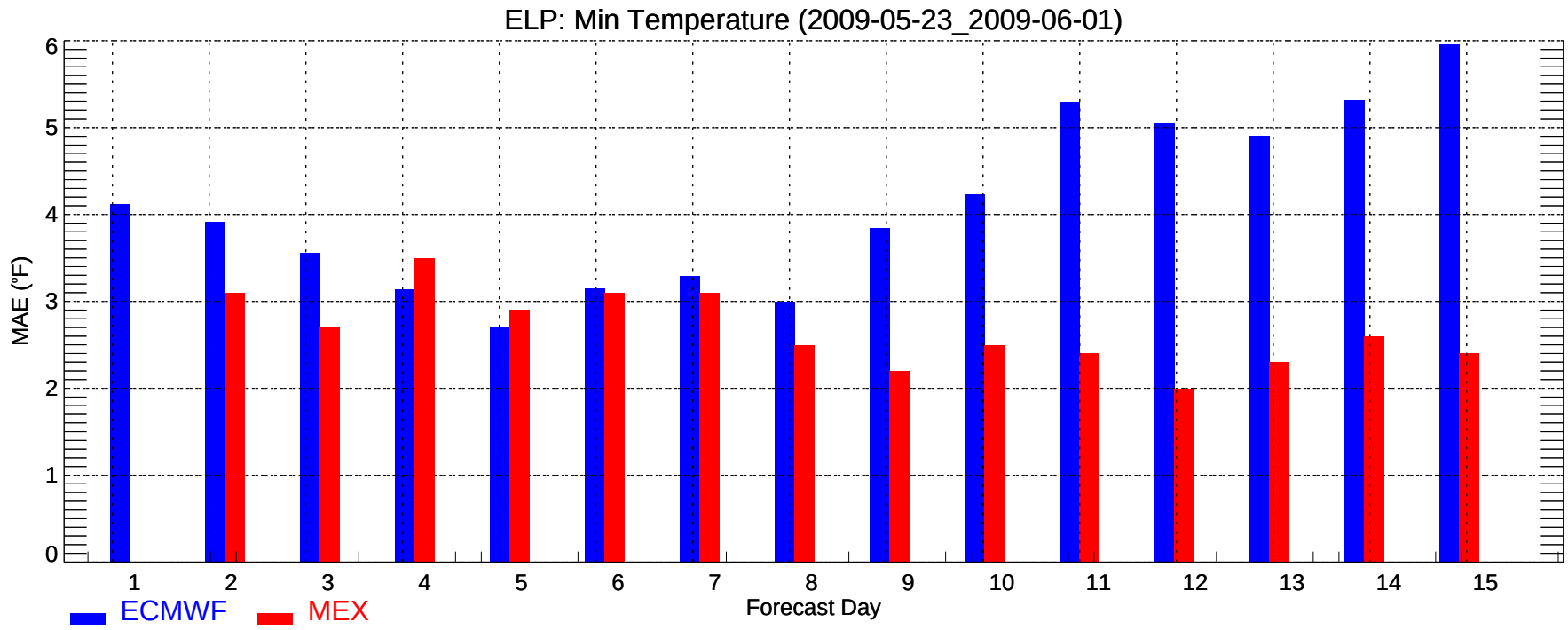
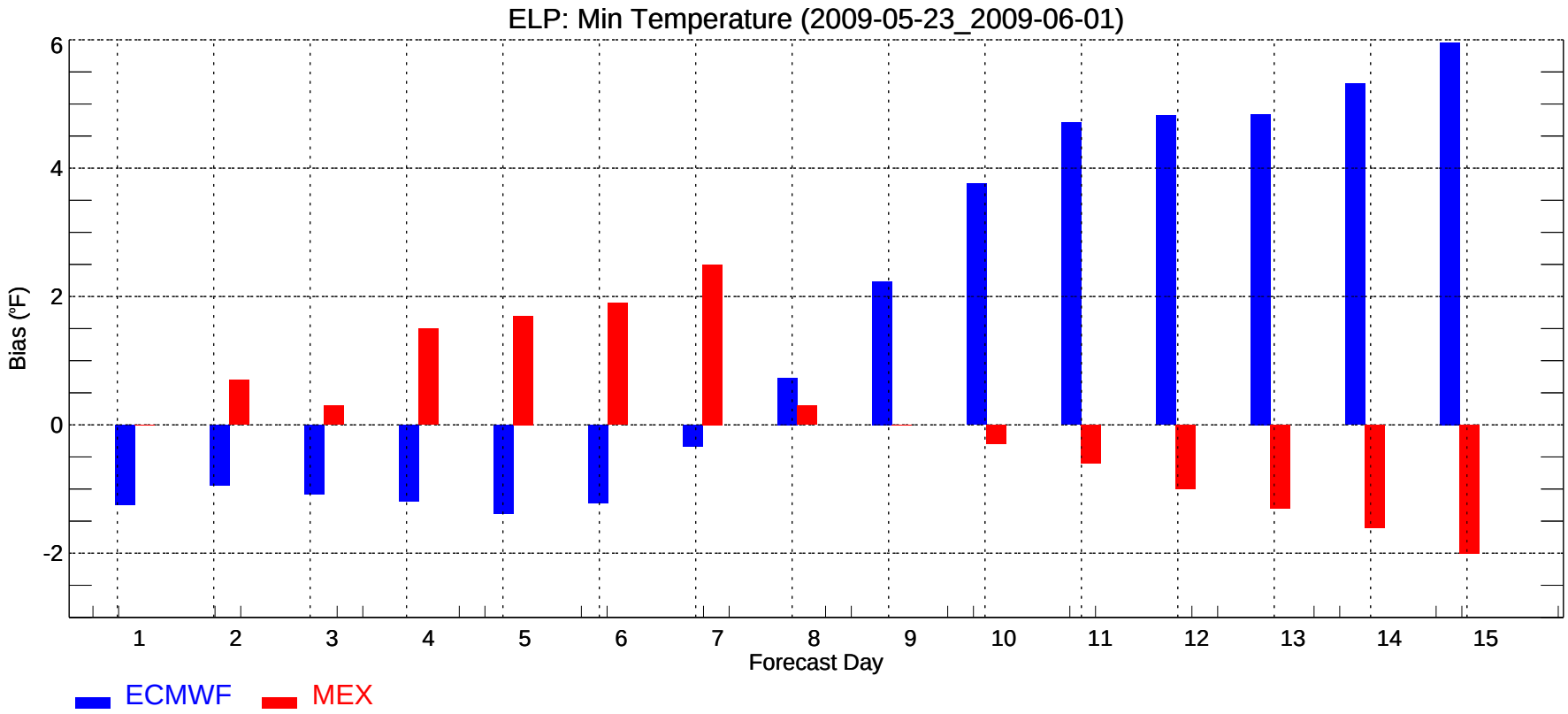
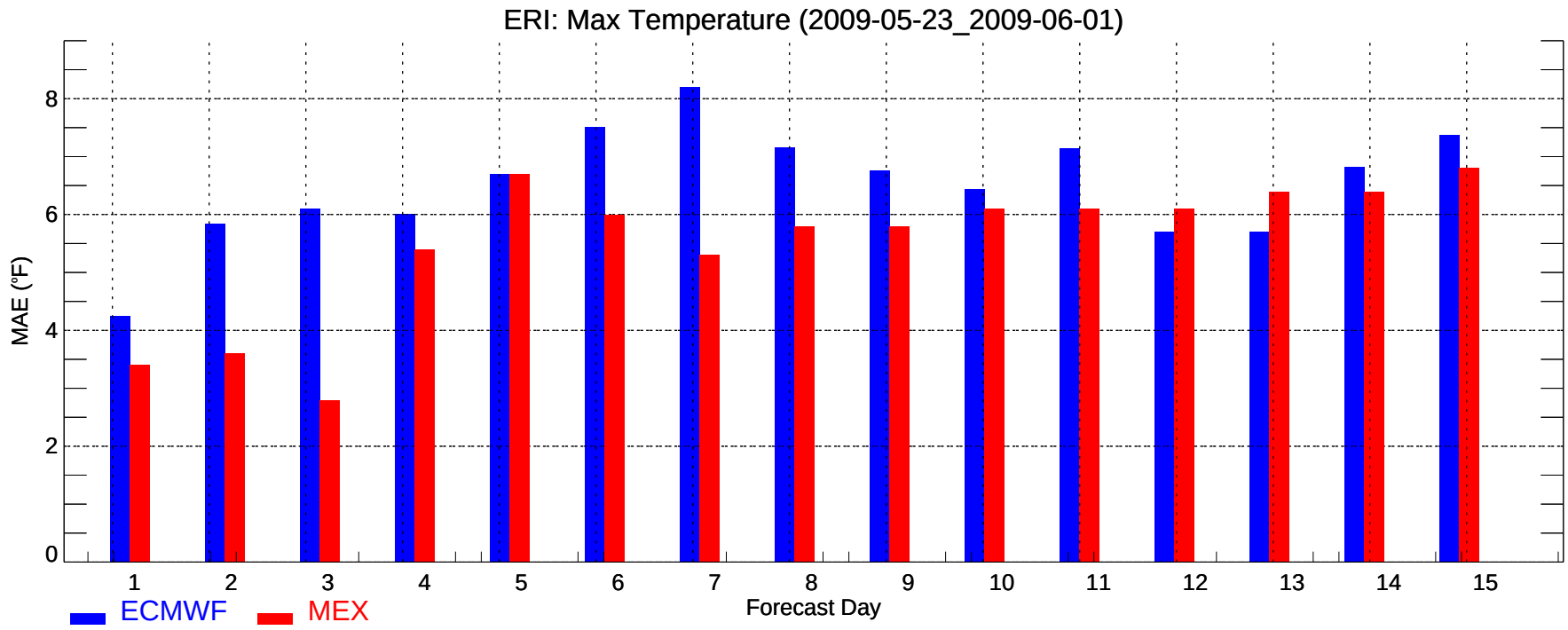
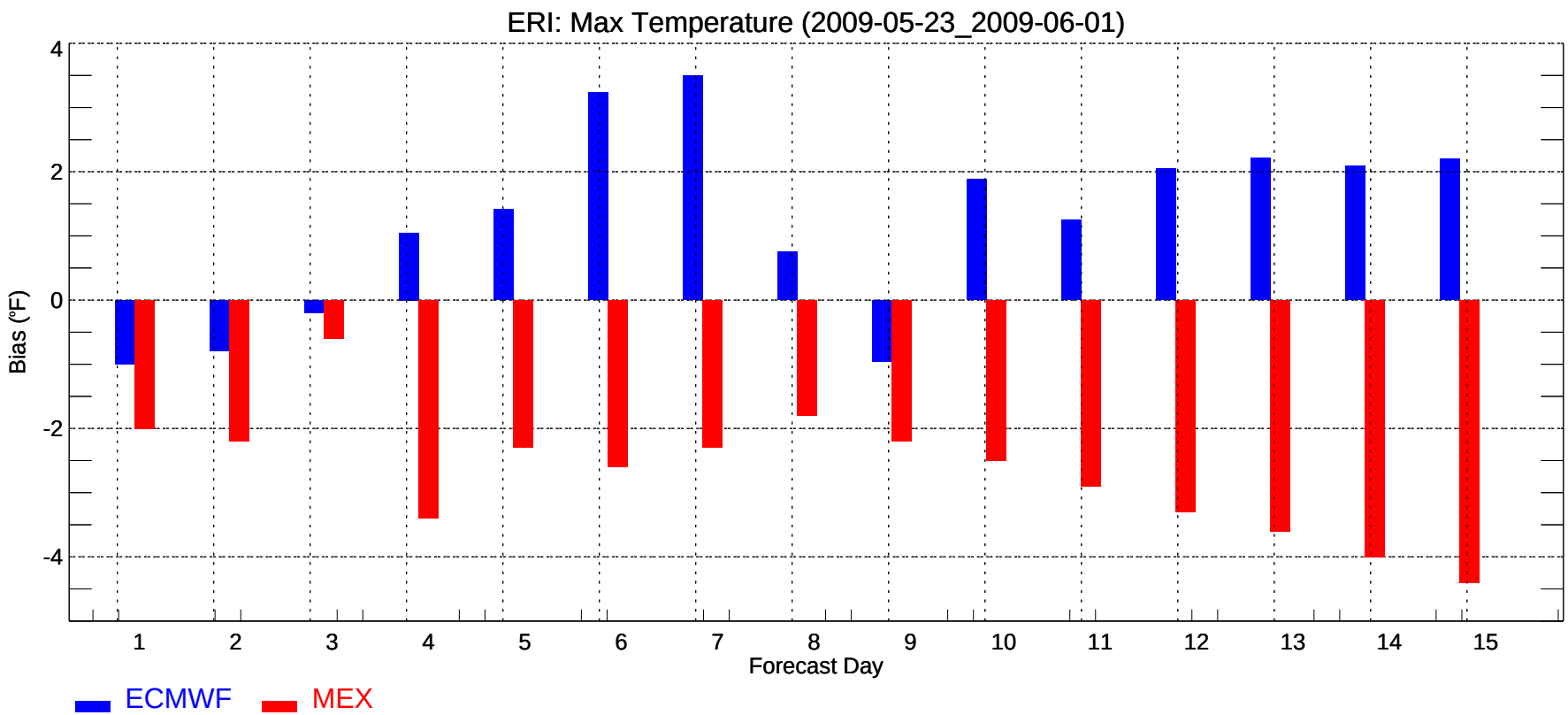
14
15
Forecast Day
ECMWF
MEX

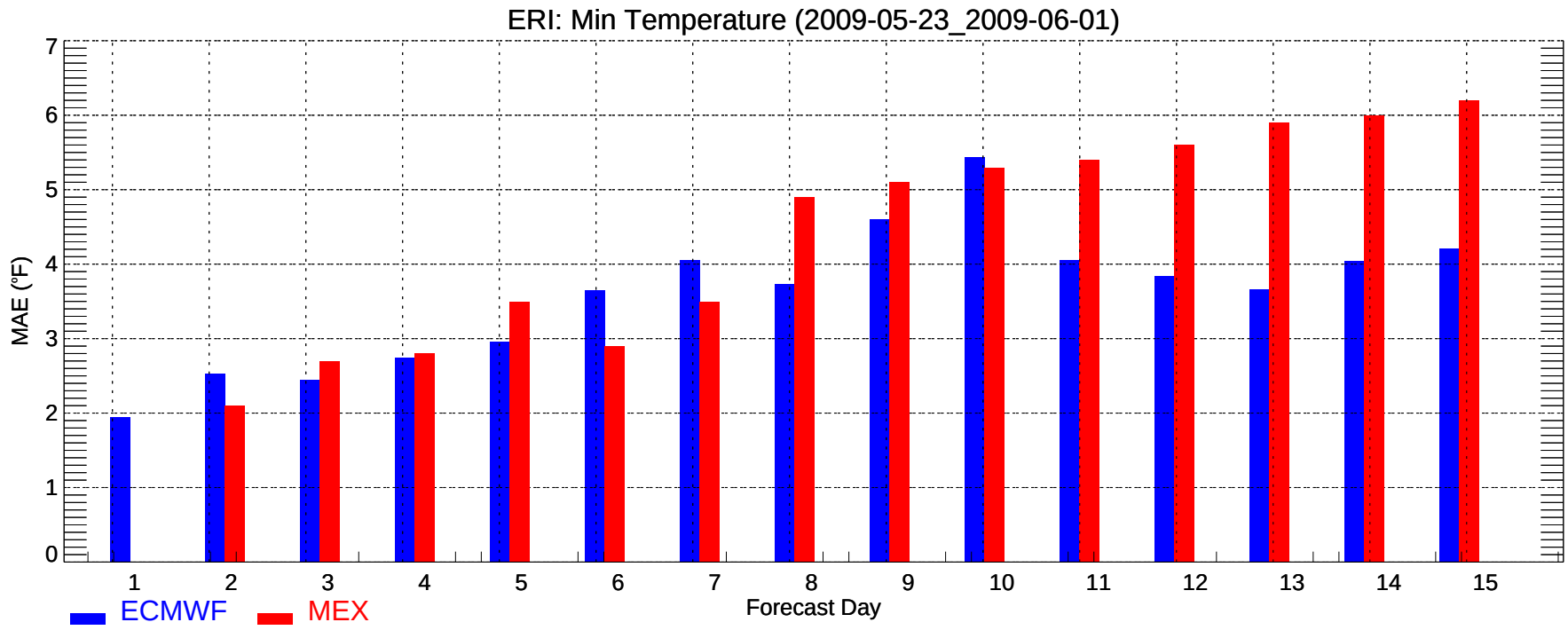

ELP: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

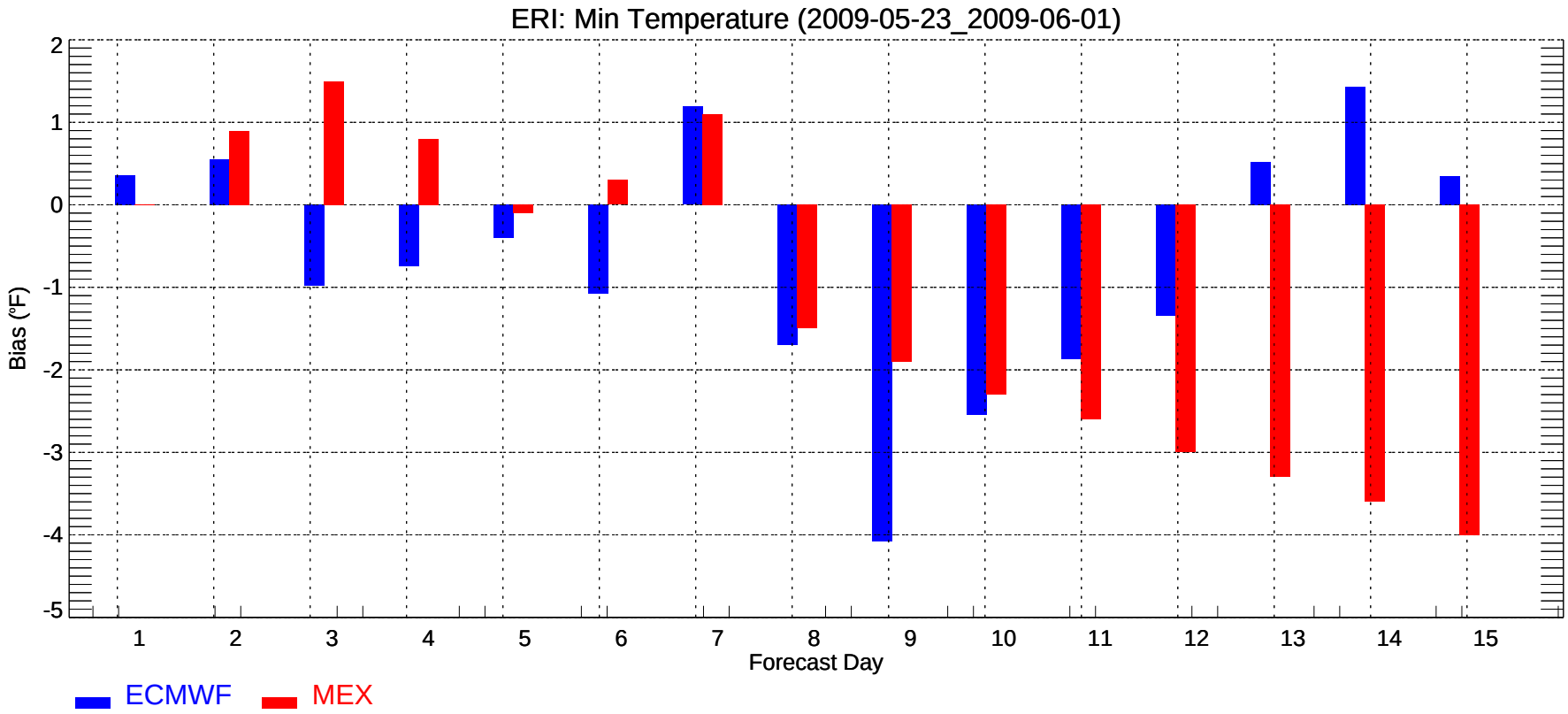

ELP: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

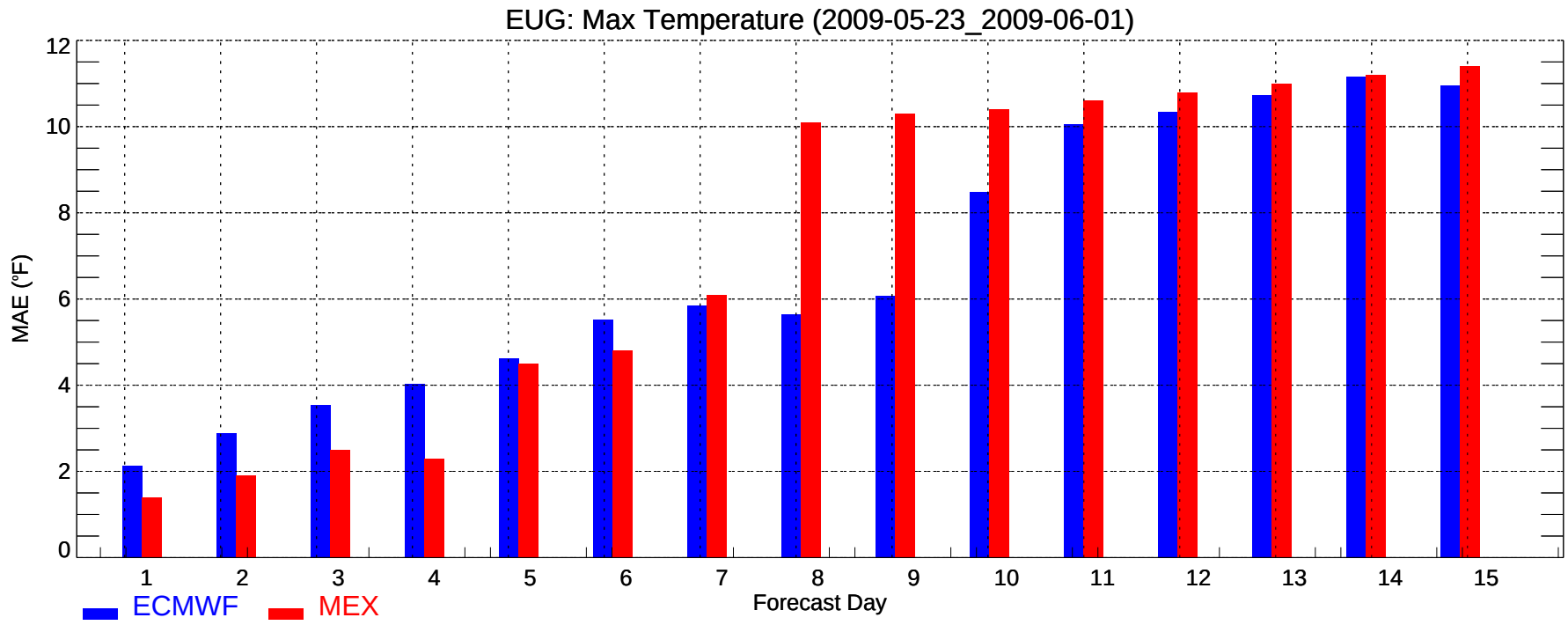

ELP: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

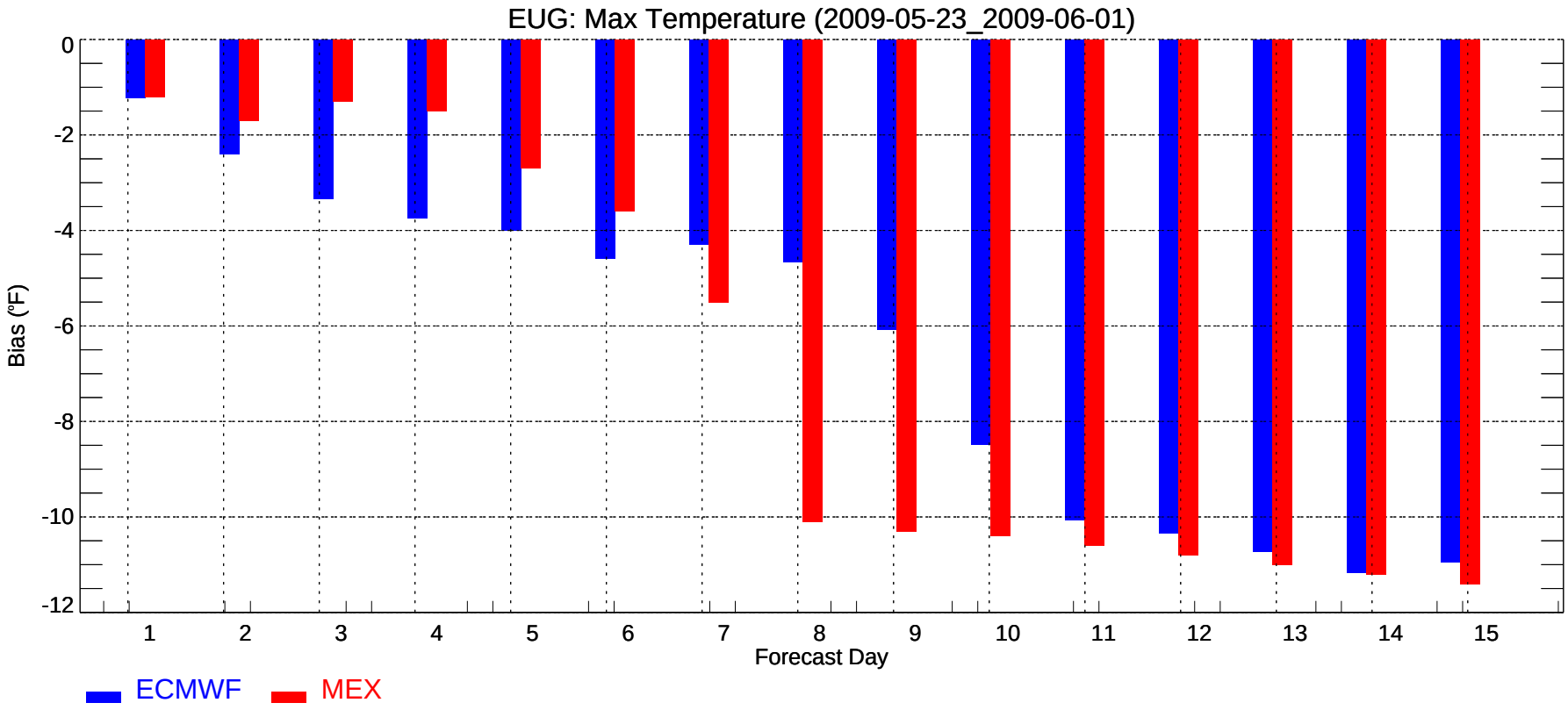

ERI: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

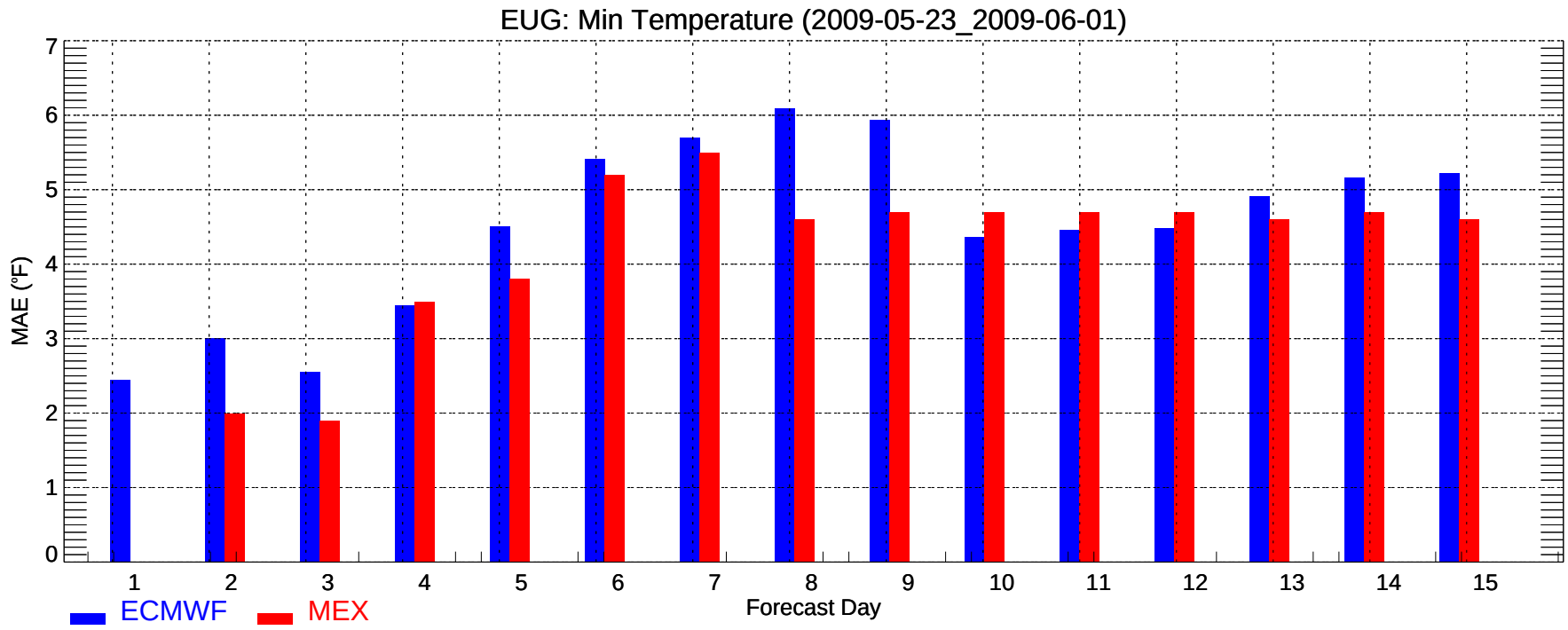

ERI: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

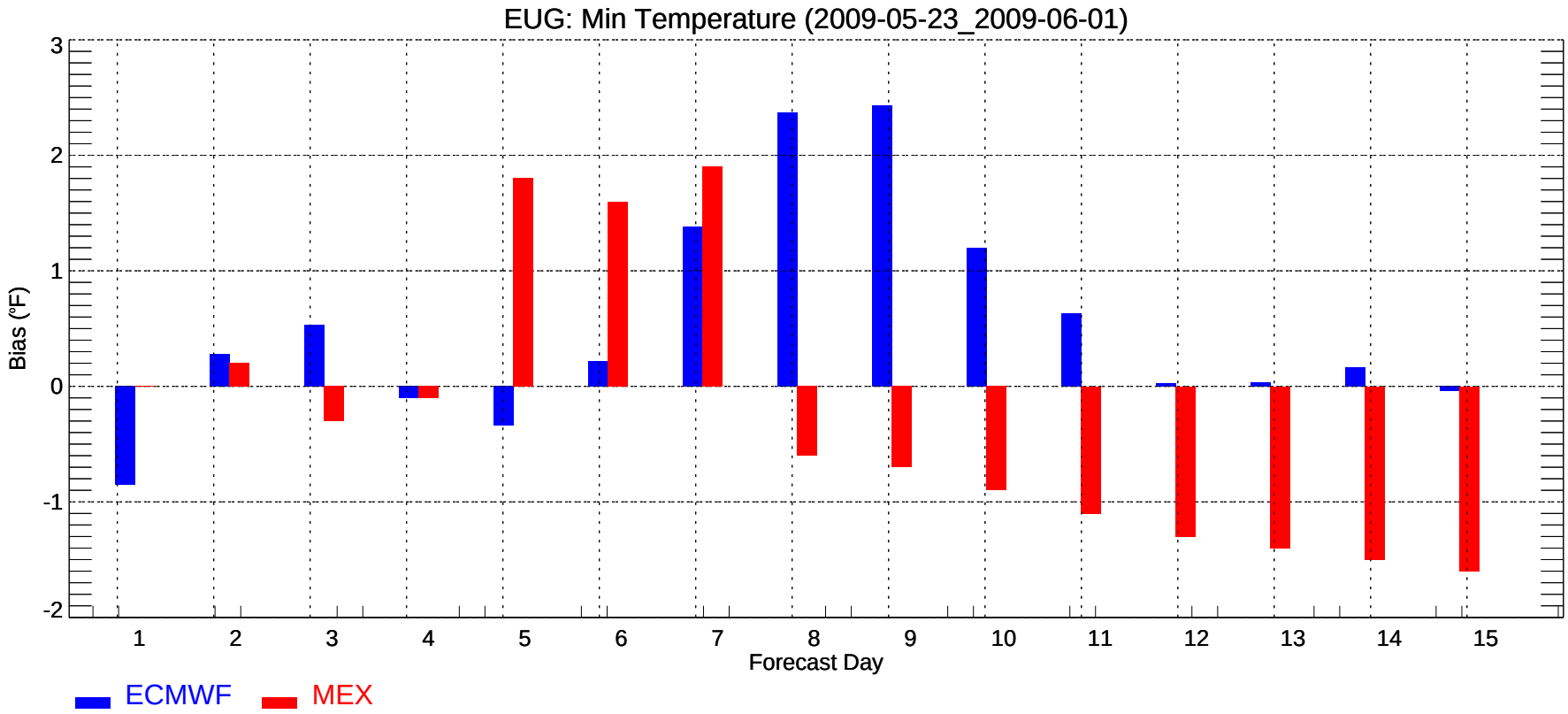

ERI: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

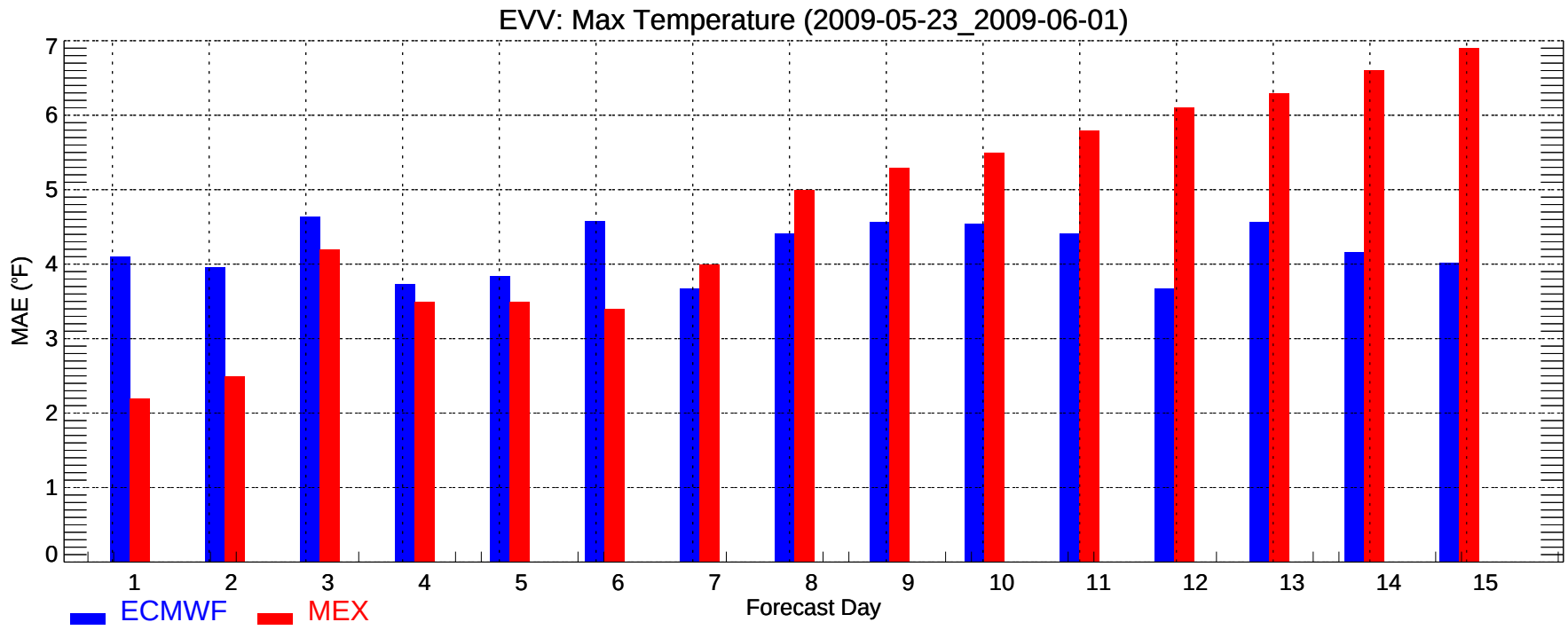

ERI: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

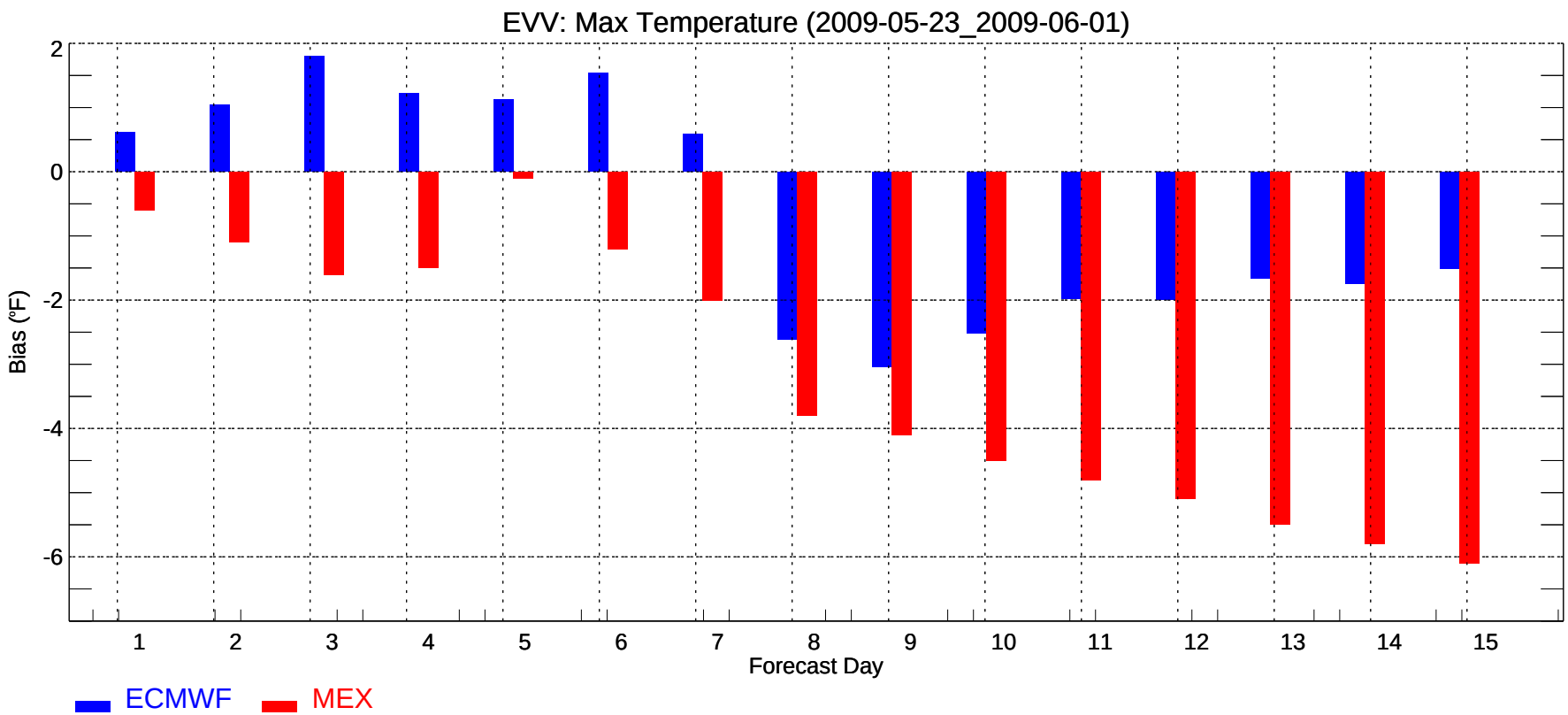

EUG: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

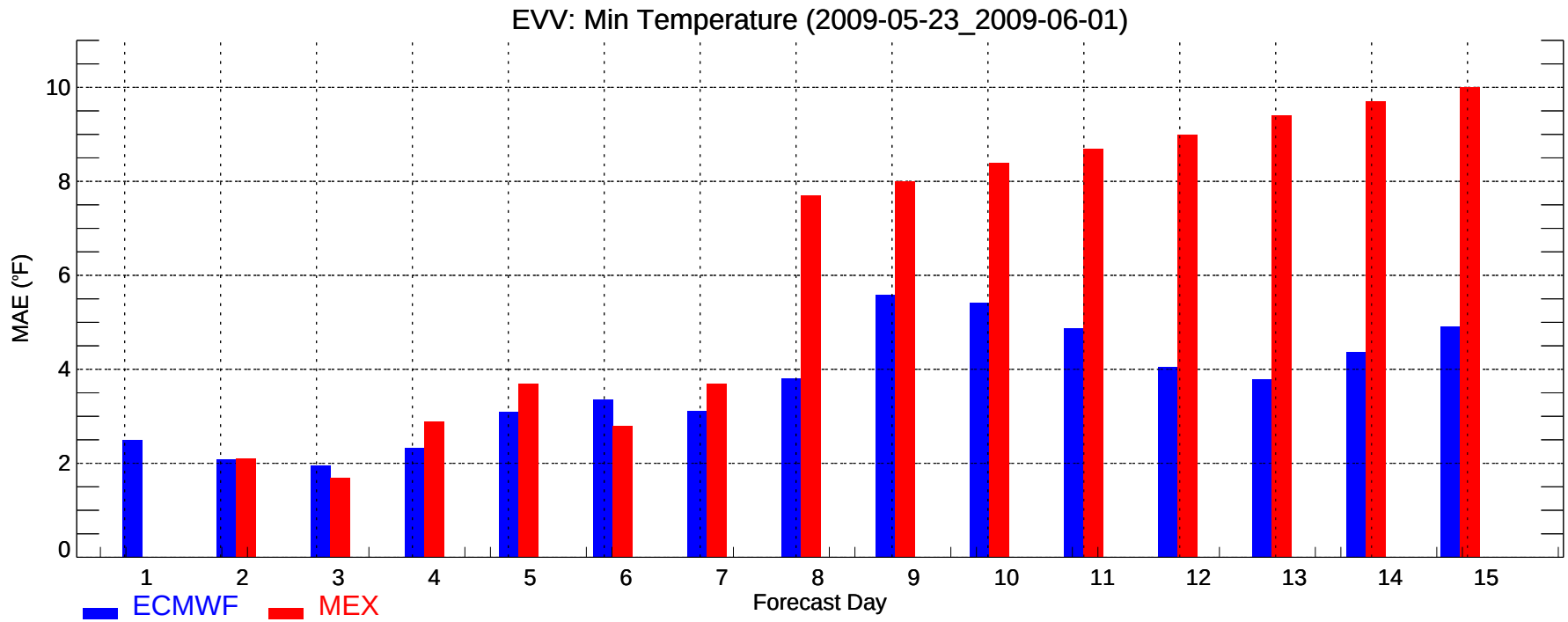

EUG: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EUG: Min Temperature (2009-05-23_2009-06-01)
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


EUG: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EVV: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EVV: Max Temperature (2009-05-23_2009-06-01)
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


EVV: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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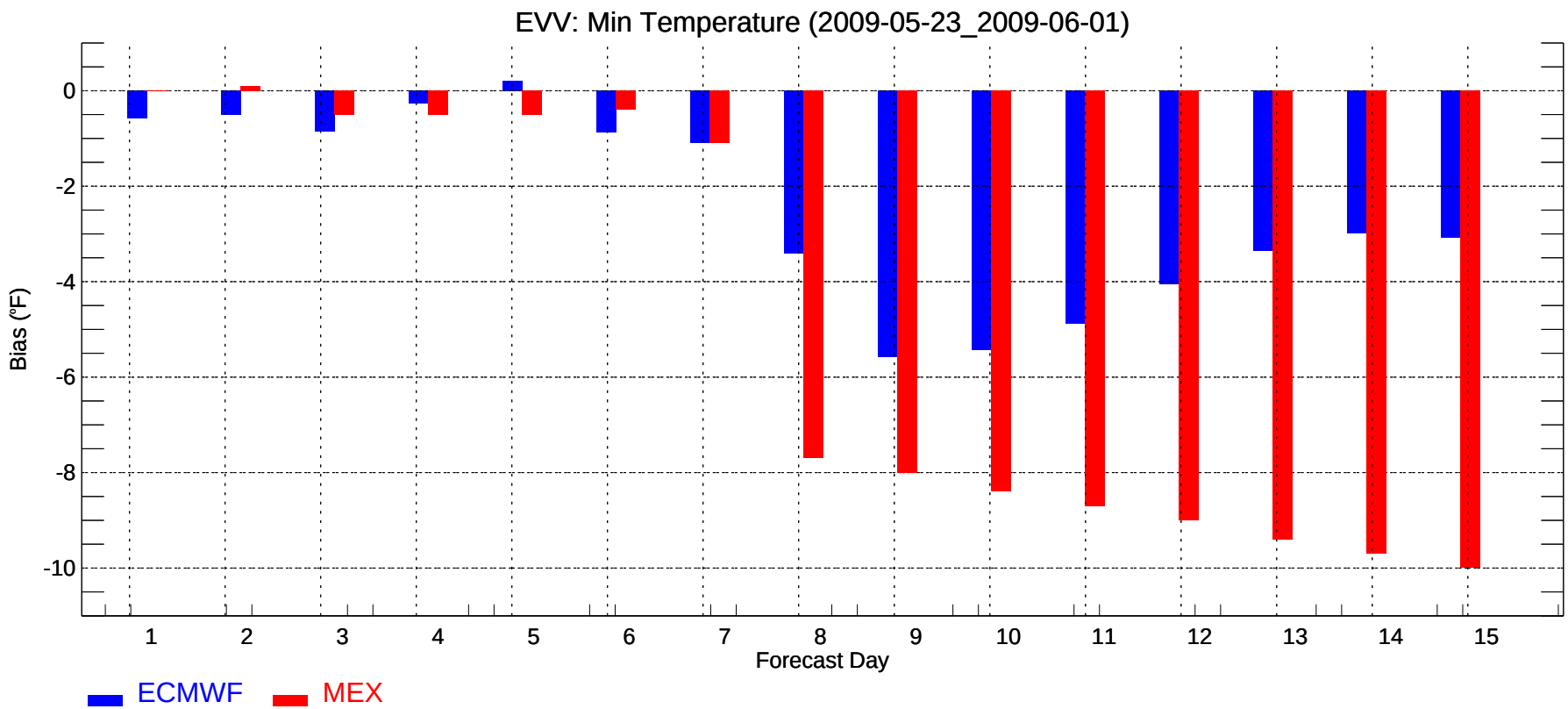
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EVV: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
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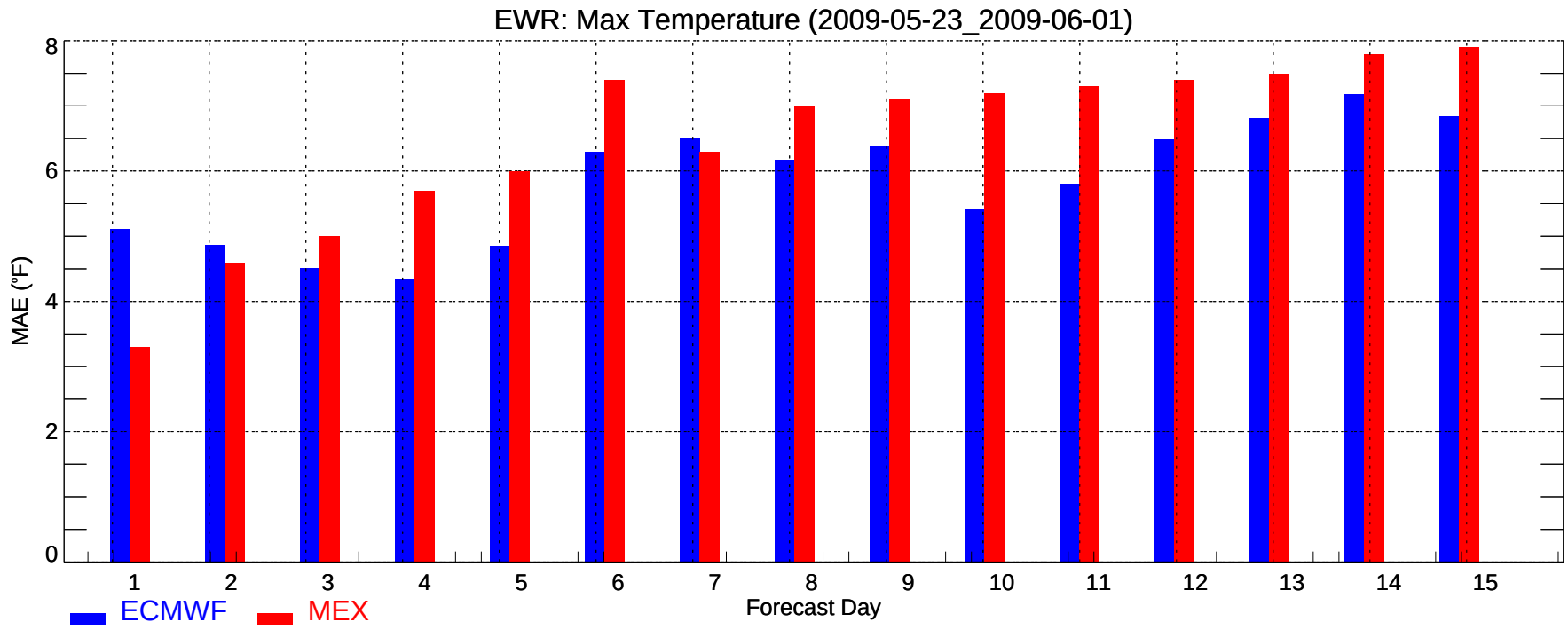
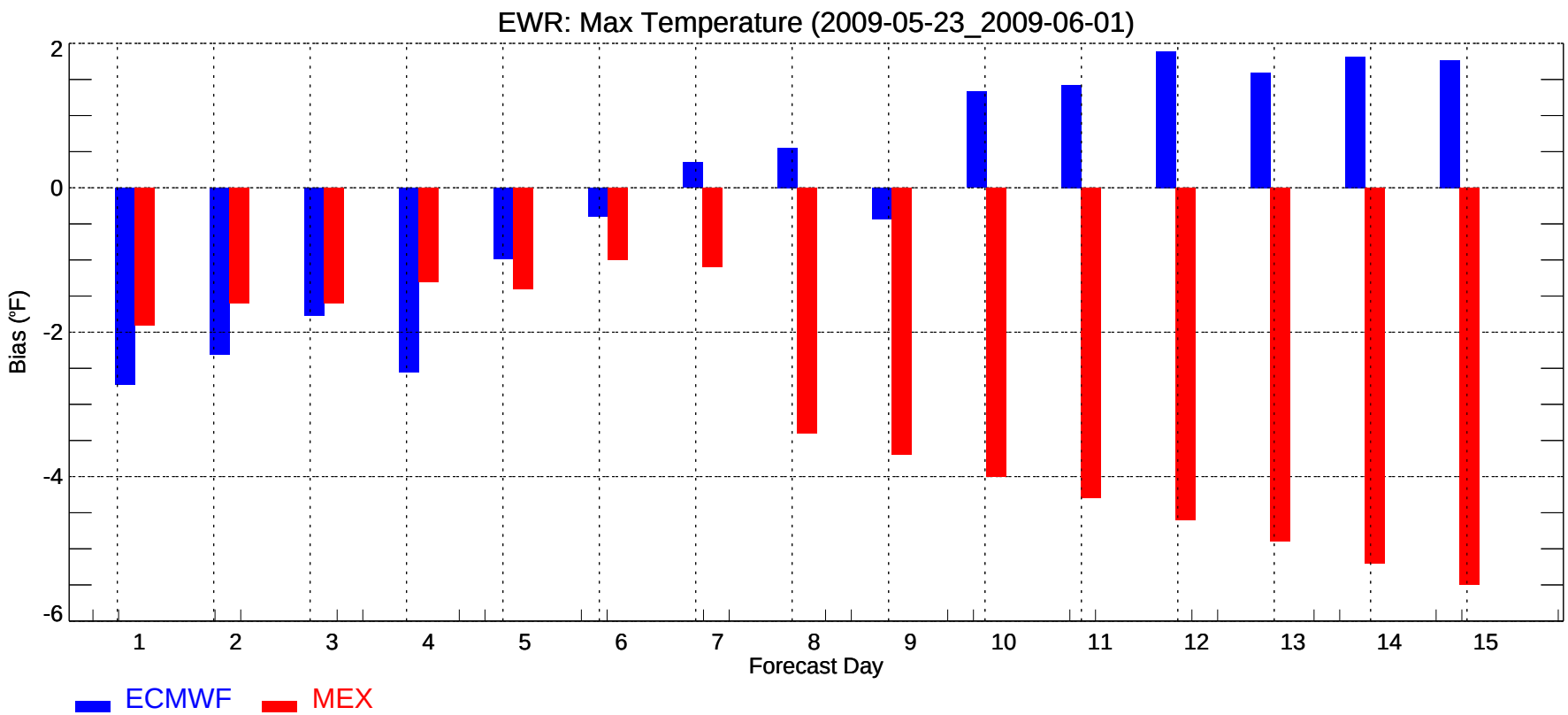
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Max Temperature (2009-05-23_2009-06-01)
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 (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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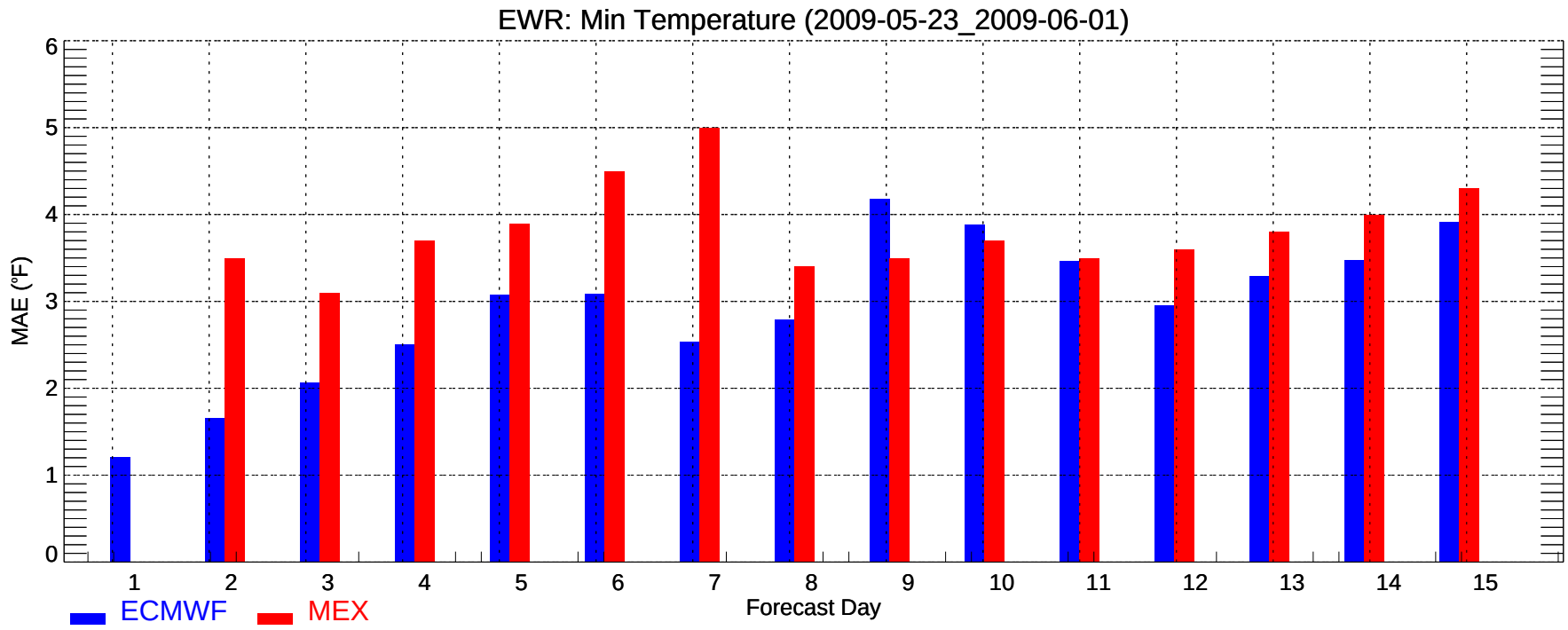
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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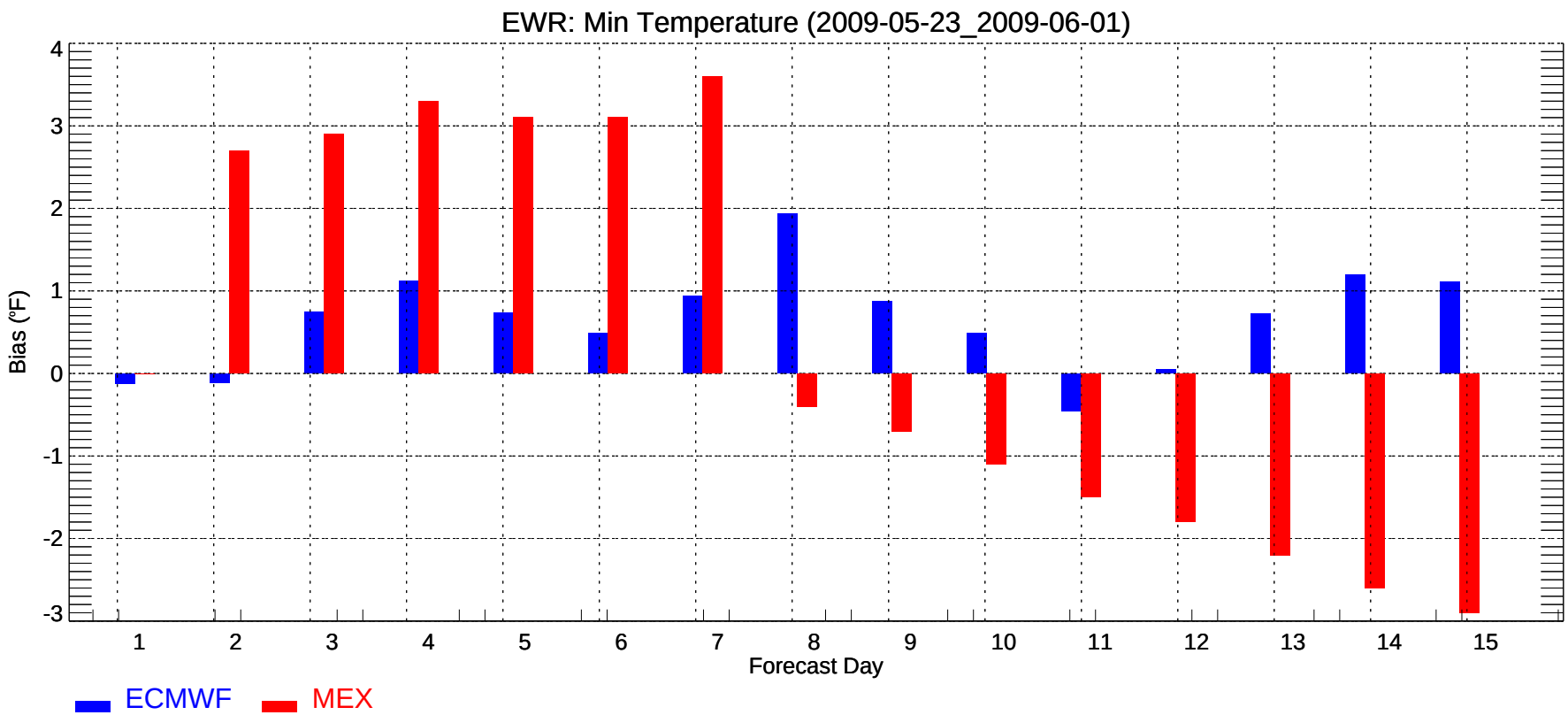
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
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13
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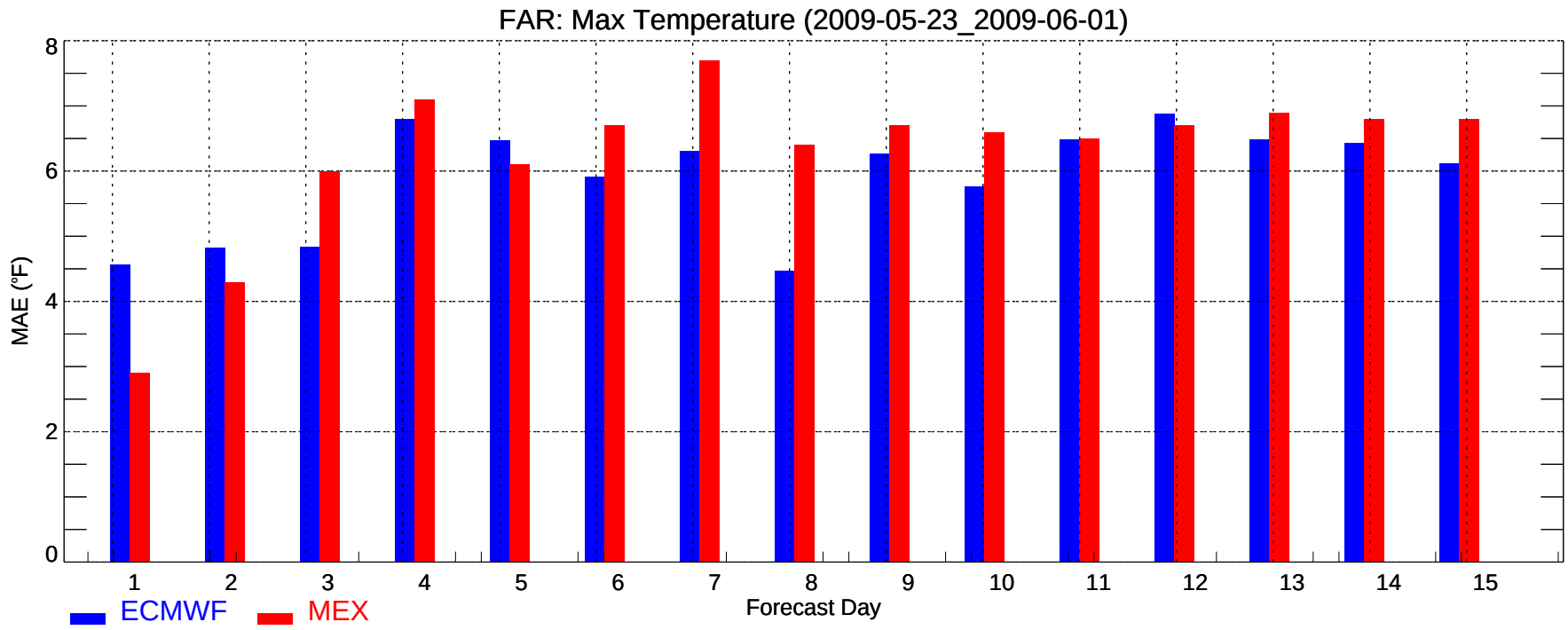
Forecast Day
ECMWF
MEX


FAR: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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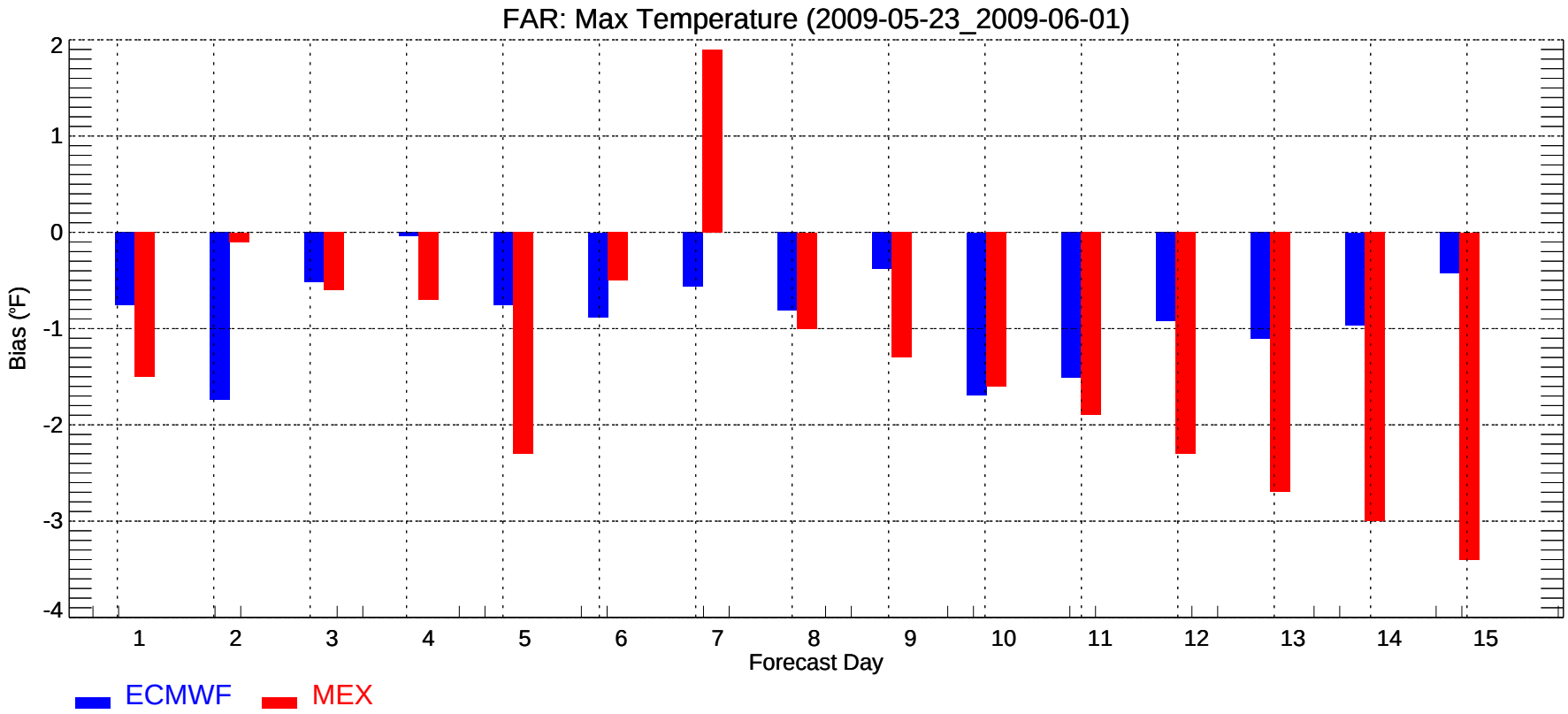
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAR: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
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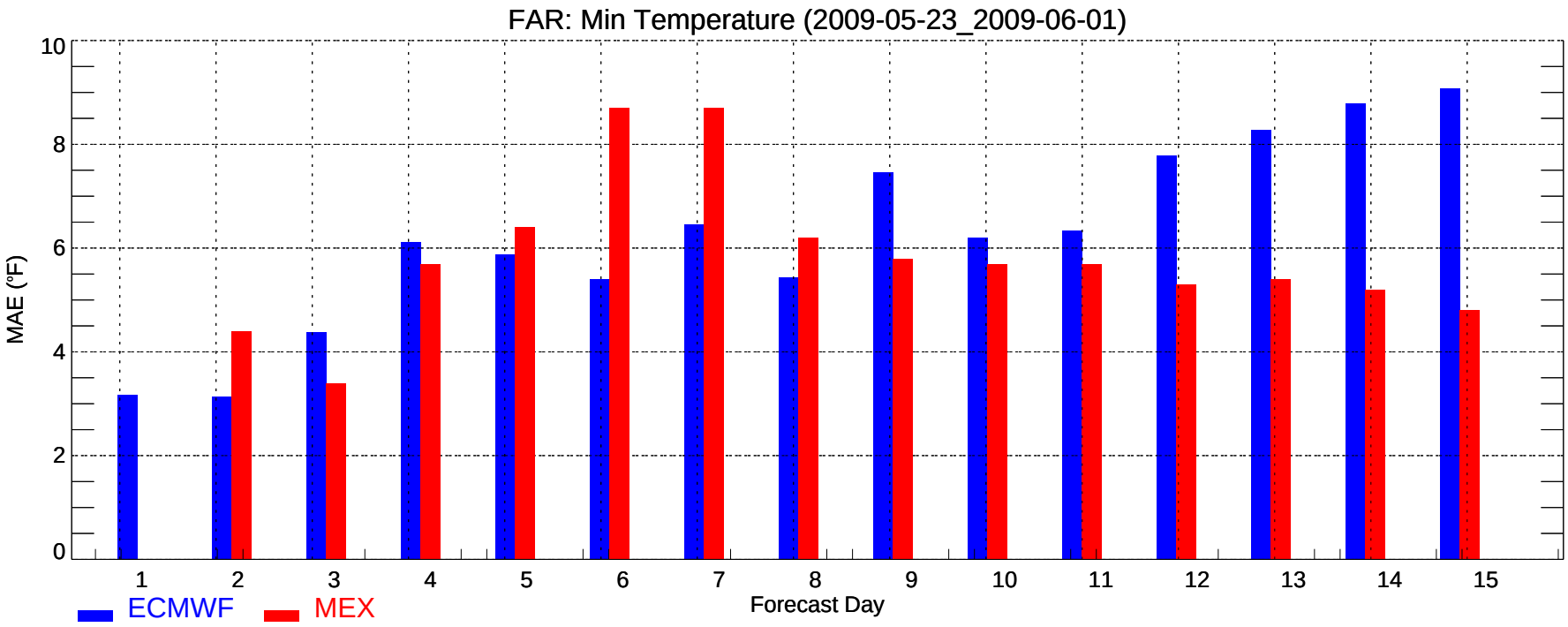
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAR: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
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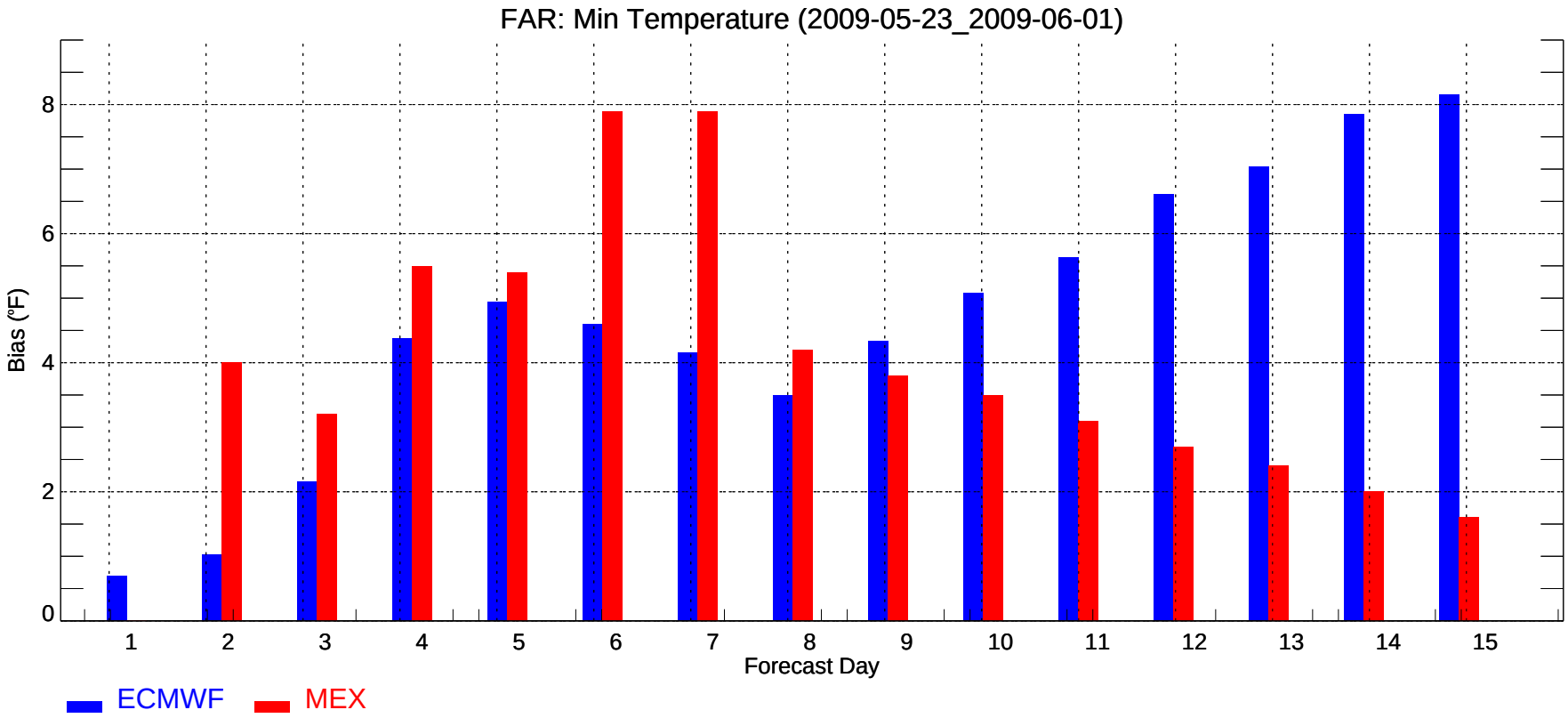
13
14
15
Forecast Day
ECMWF
MEX


FAR: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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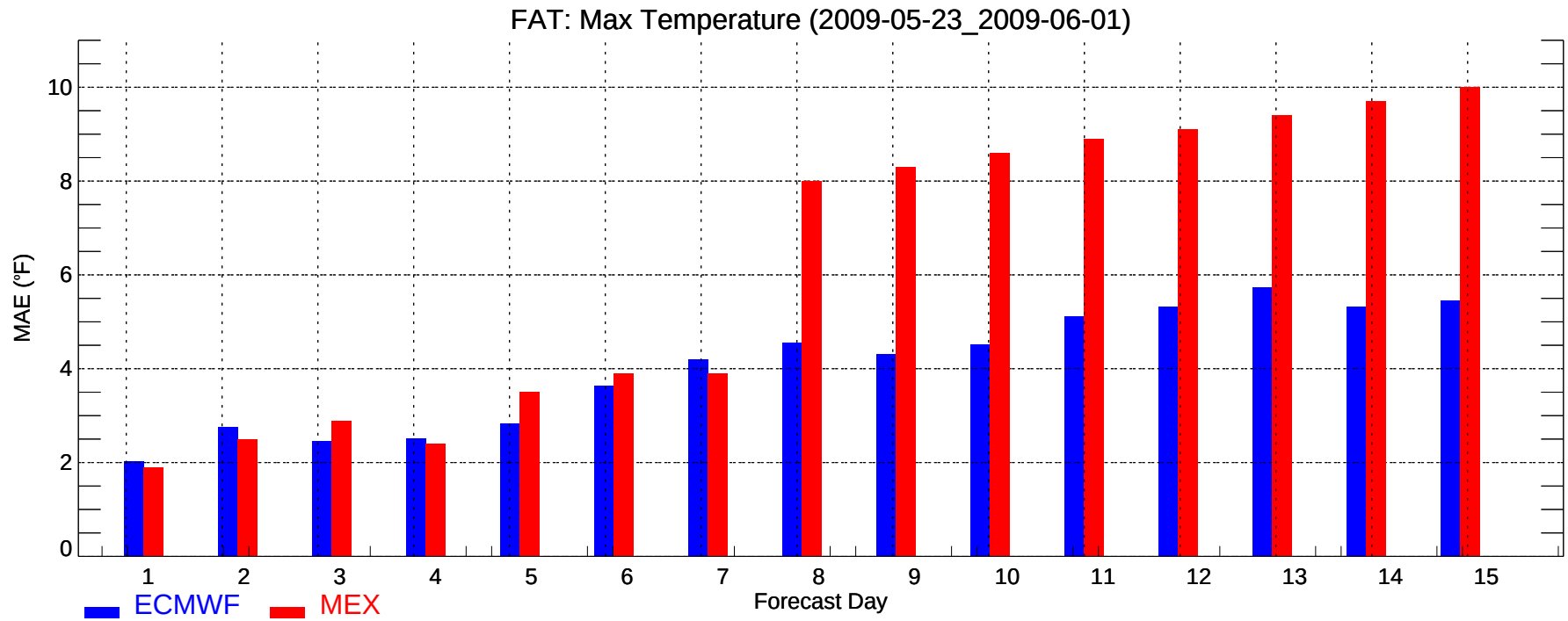
15
Forecast Day
ECMWF
MEX


FAT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
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4
5
6
7
8
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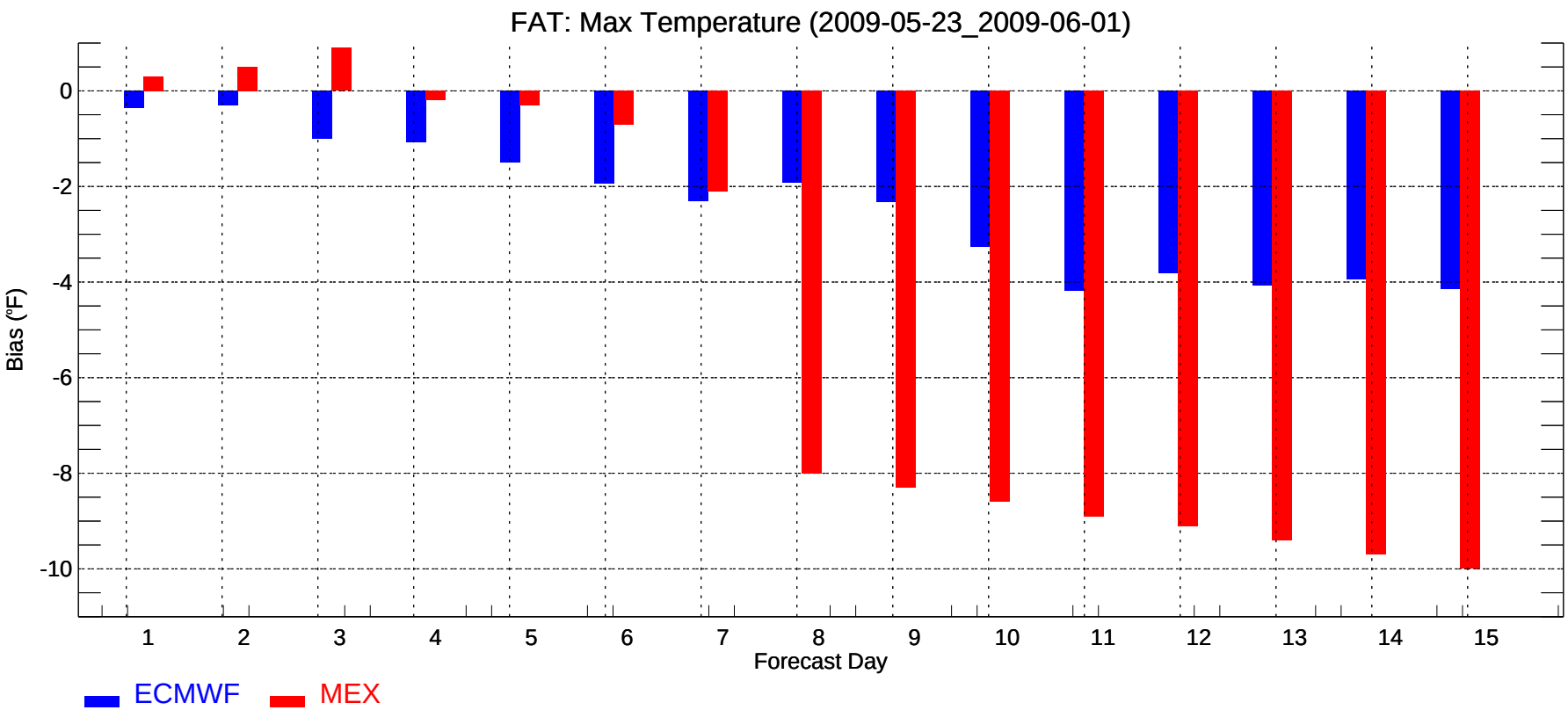
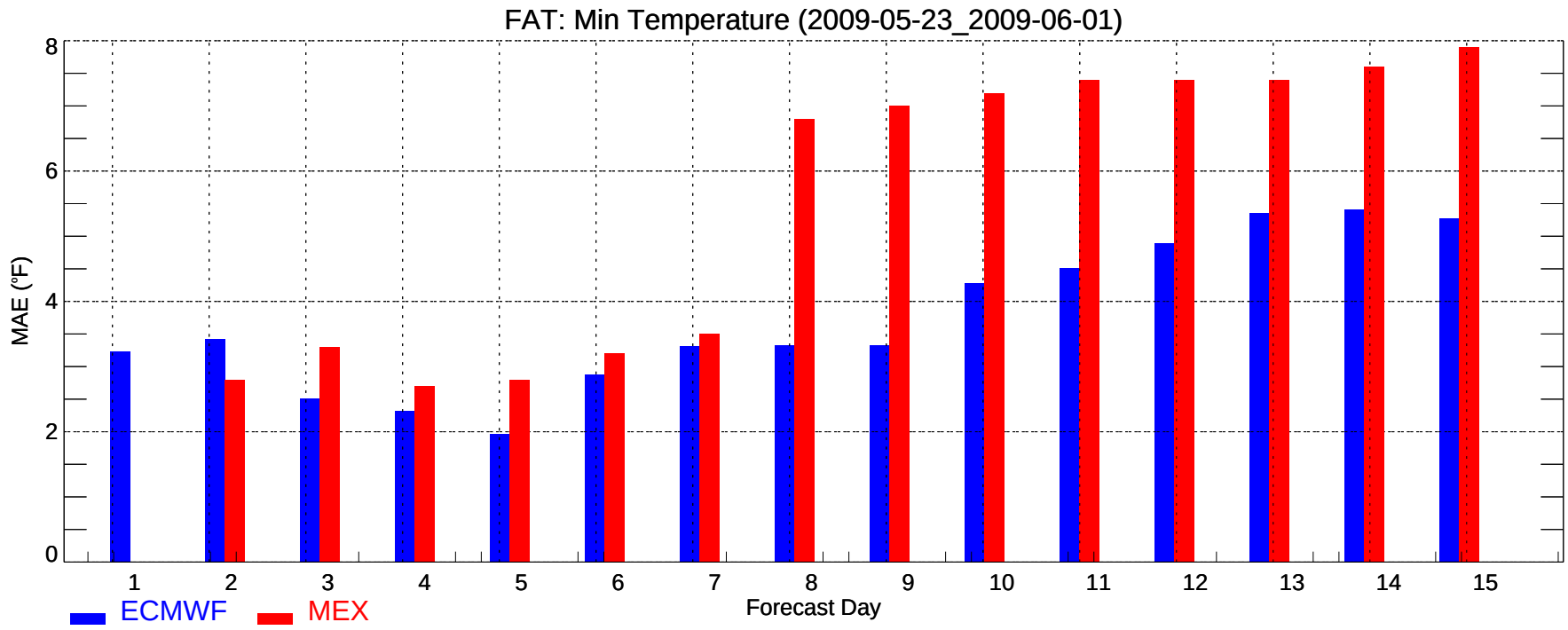
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAT: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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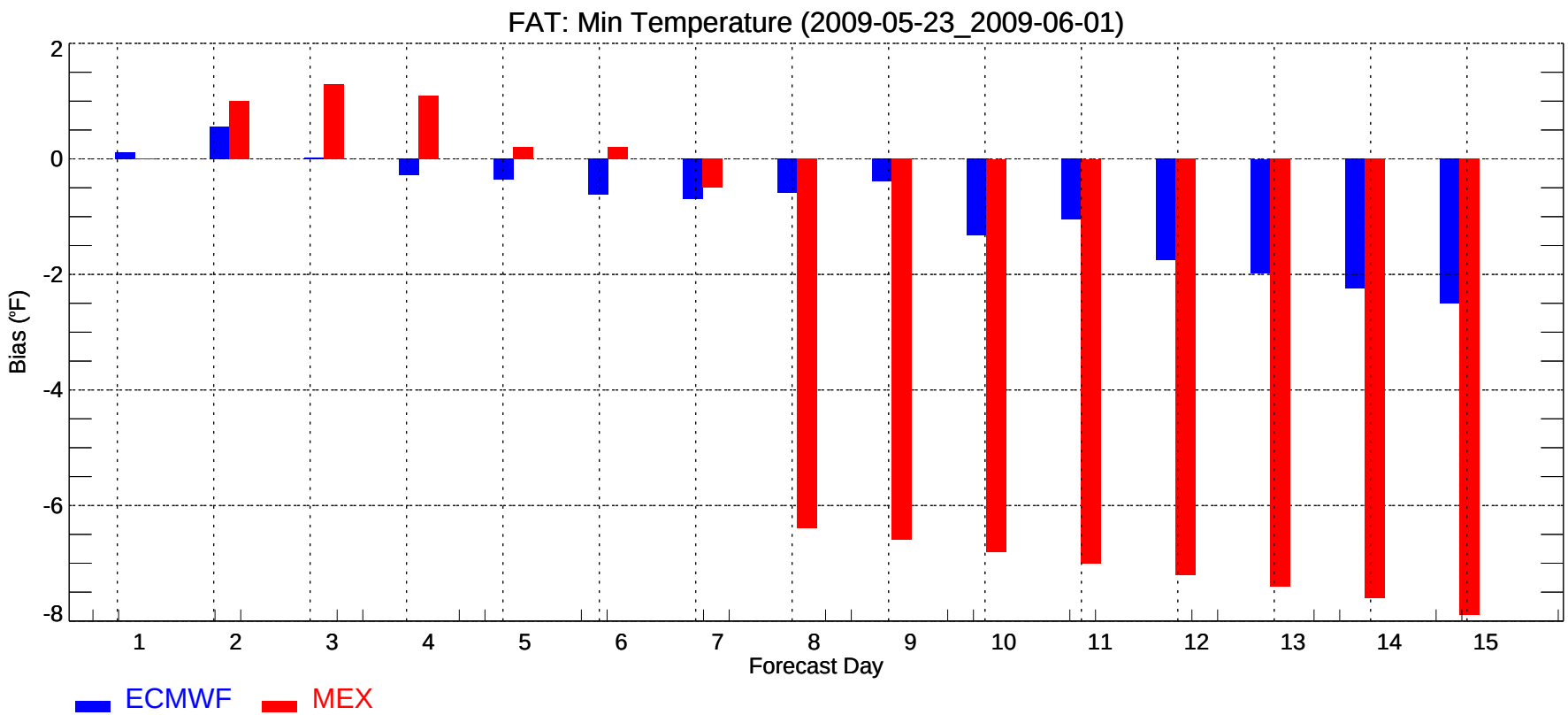
12
13
14
15
Forecast Day
ECMWF
MEX


FAT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
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6
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10
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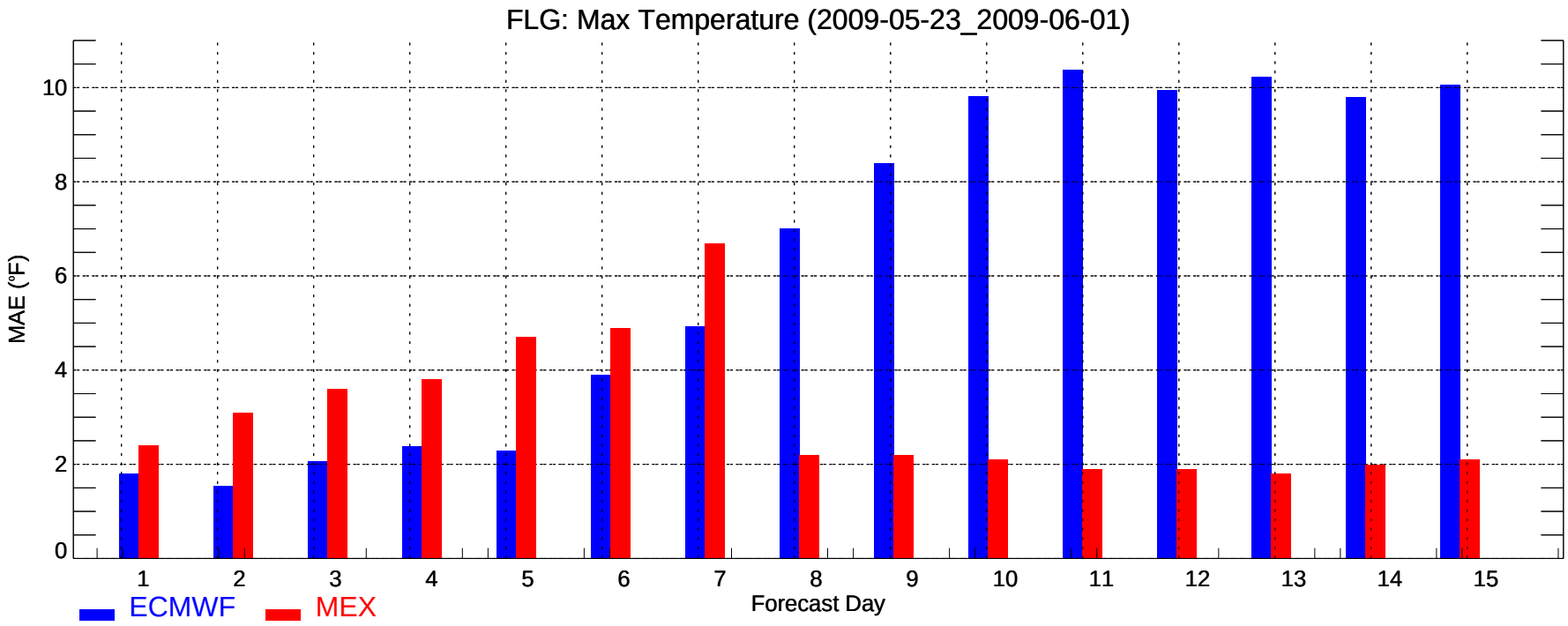
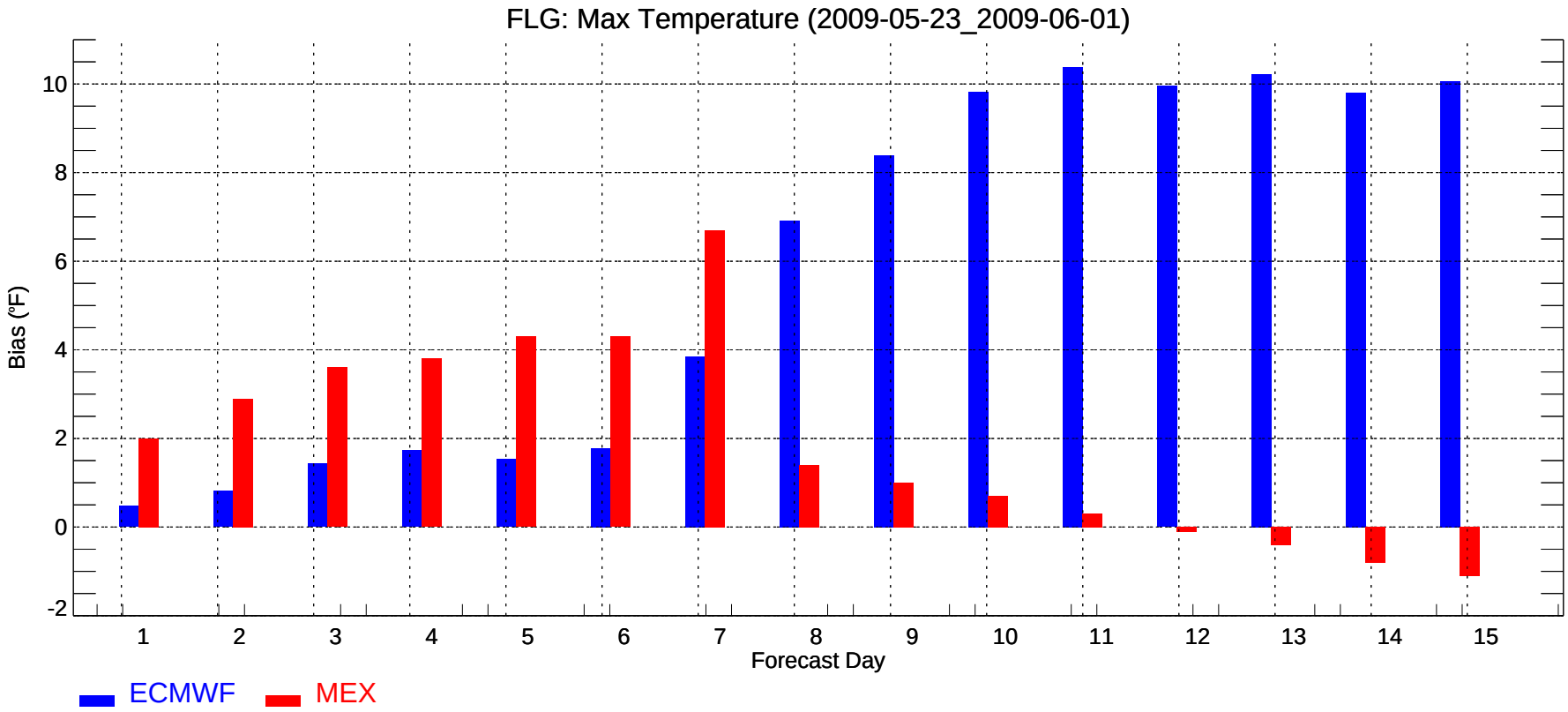
14
15
Forecast Day
ECMWF
MEX


FLG: Max Temperature (2009-05-23_2009-06-01)
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


FLG: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
8
10
1
2
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6
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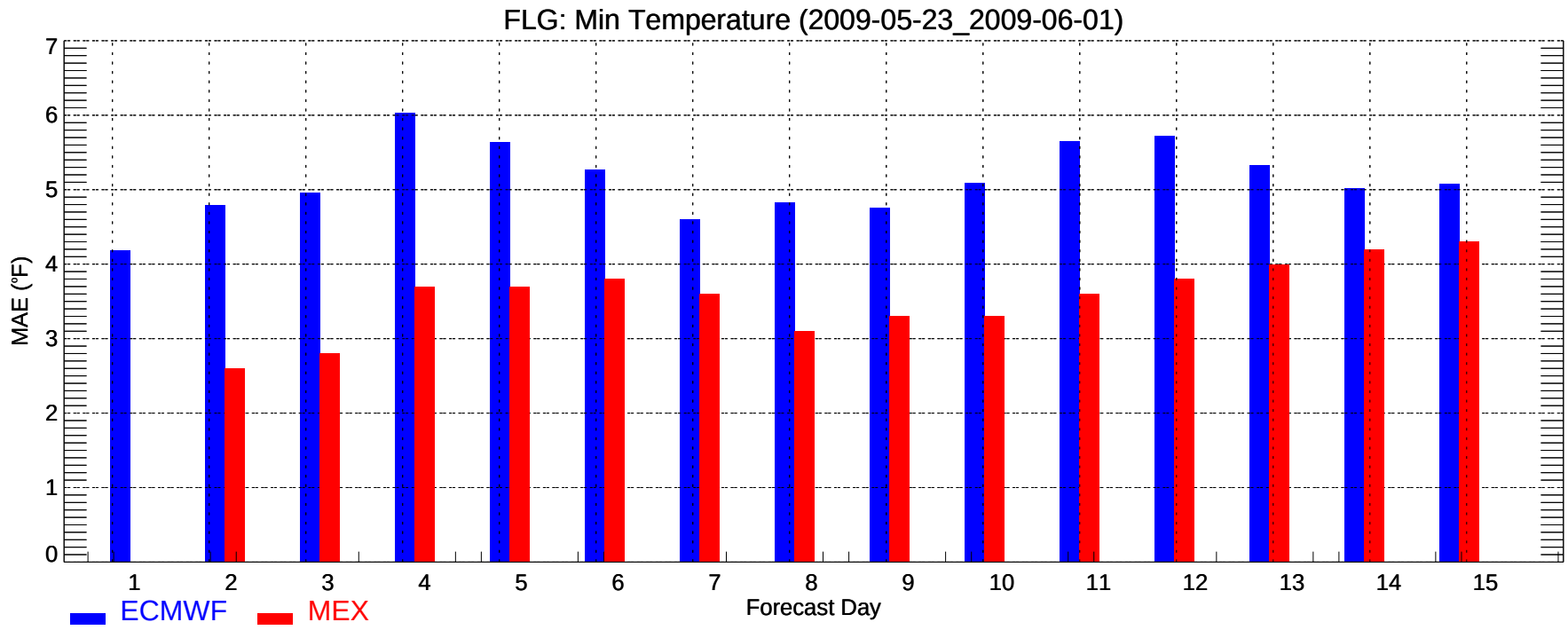
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FLG: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
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5
6
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8
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10
11
12
13
14
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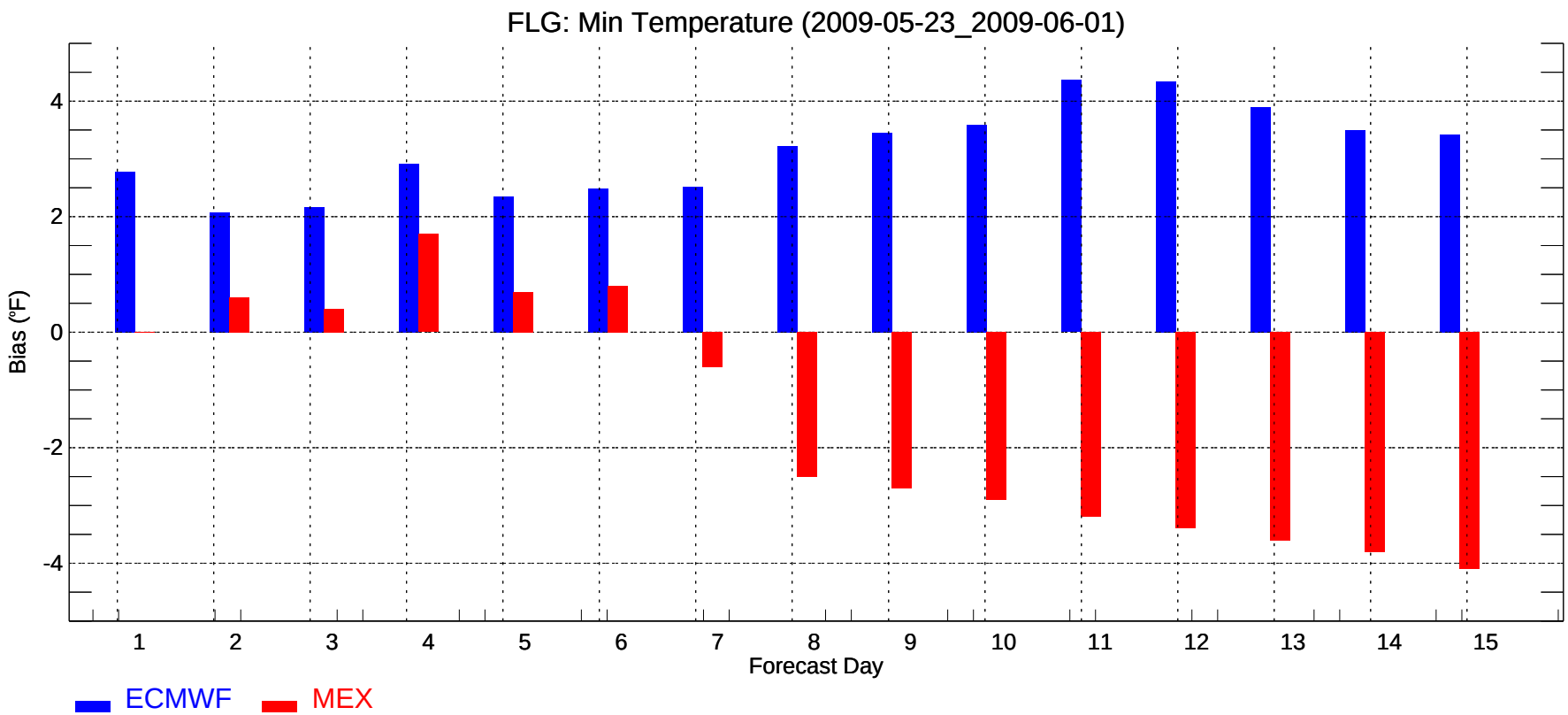
Forecast Day
ECMWF
MEX


FLG: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
1
2
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4
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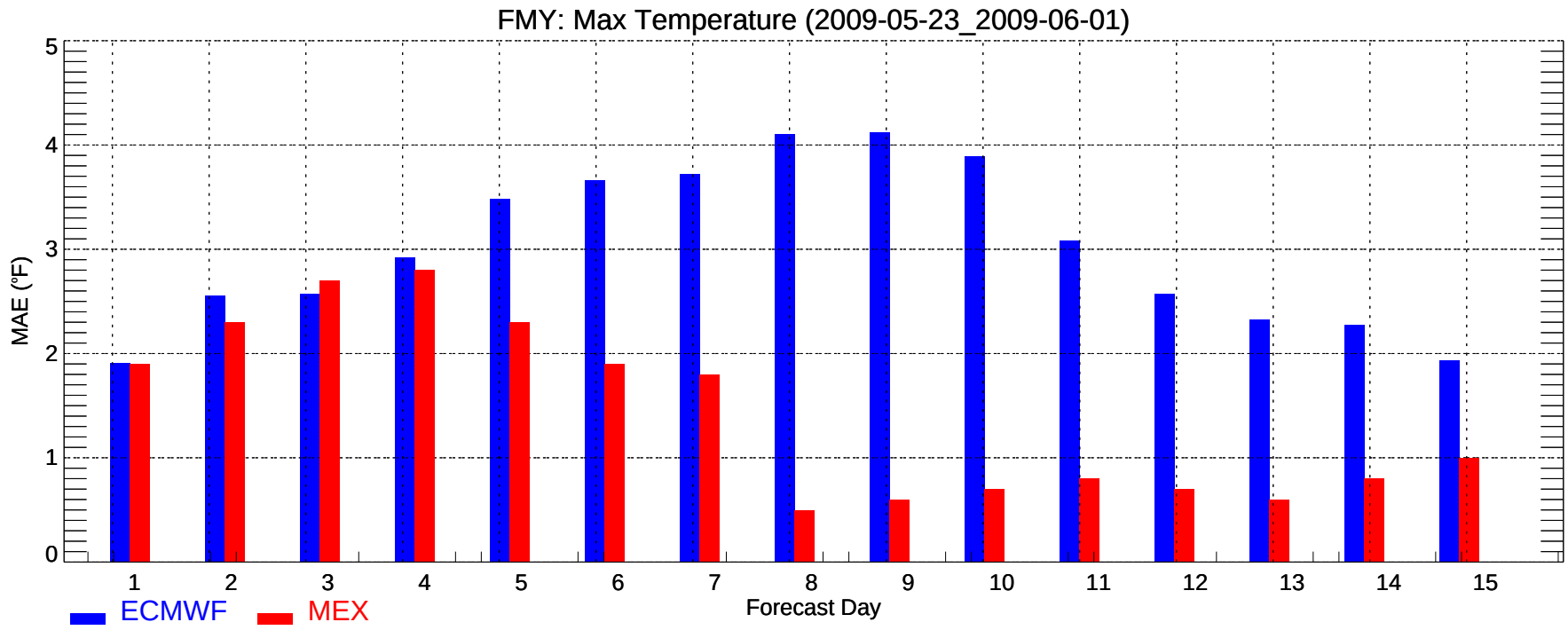
14
15
Forecast Day
ECMWF
MEX


FMY: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
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2
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6
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8
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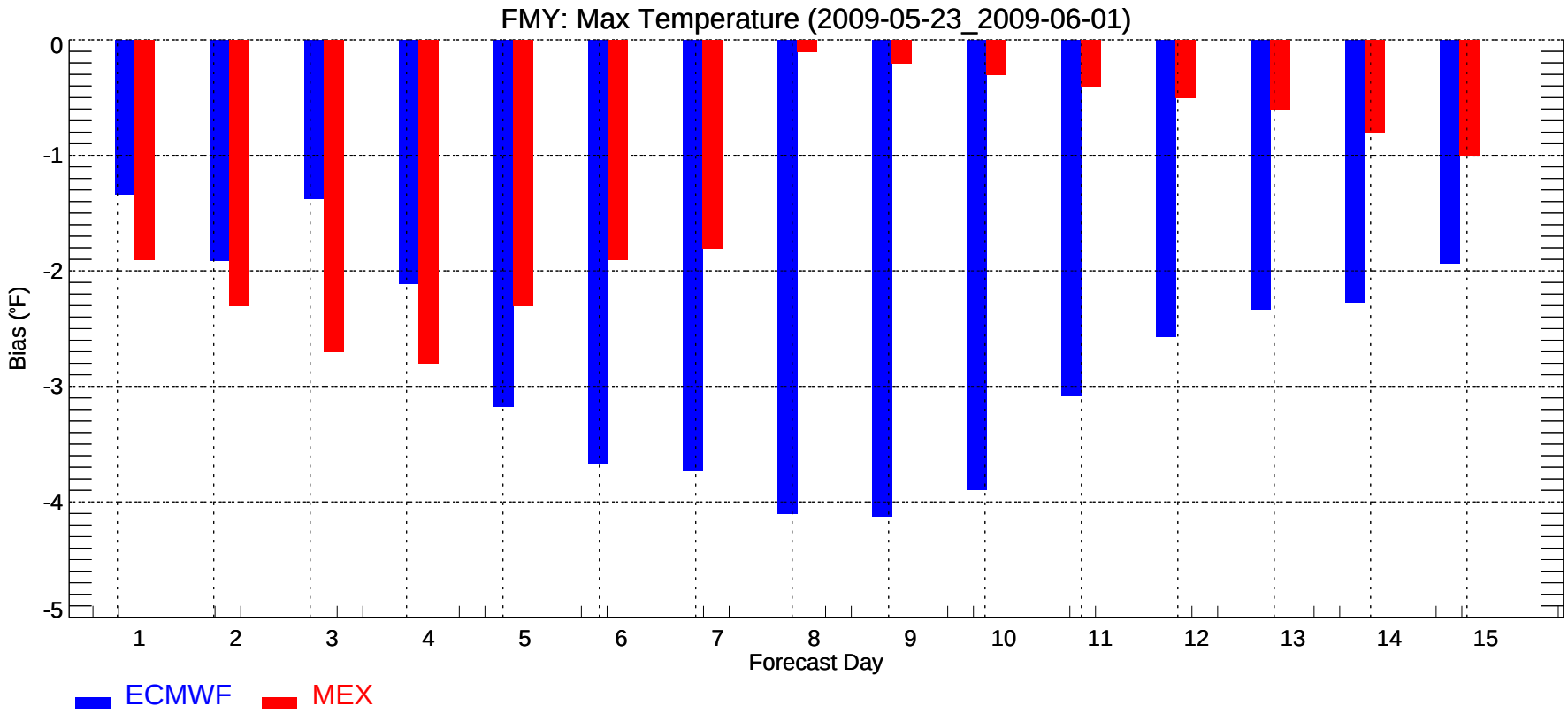
13
14
15
Forecast Day
ECMWF
MEX


FMY: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
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8
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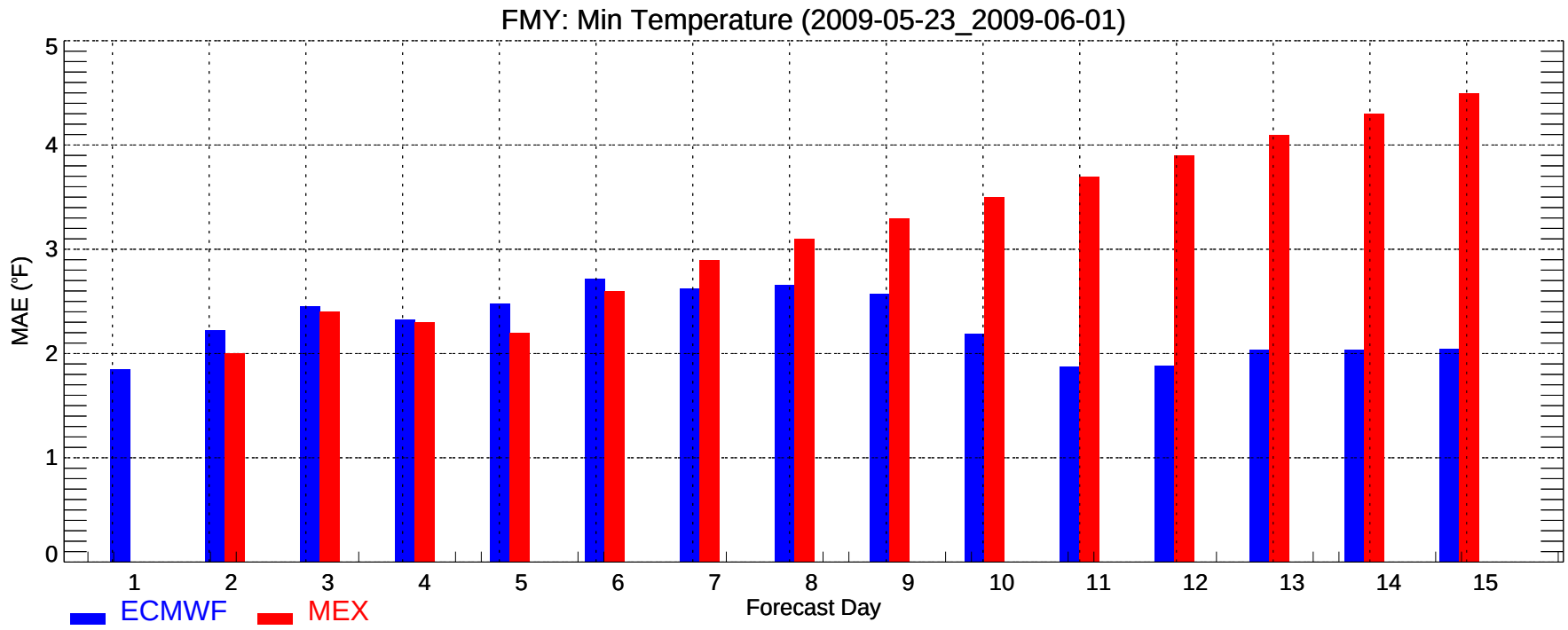
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FMY: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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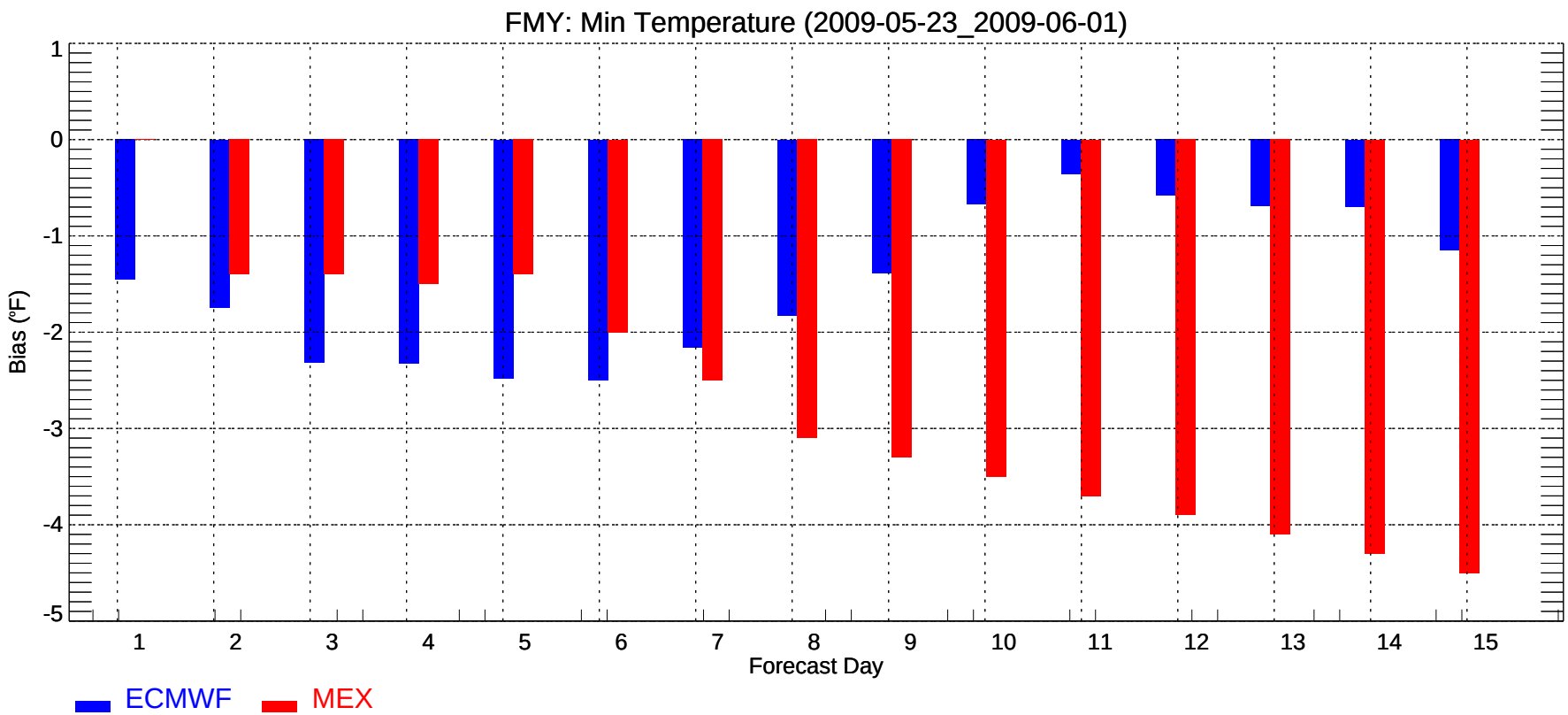
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FMY: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
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6
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8
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10
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12
13
14
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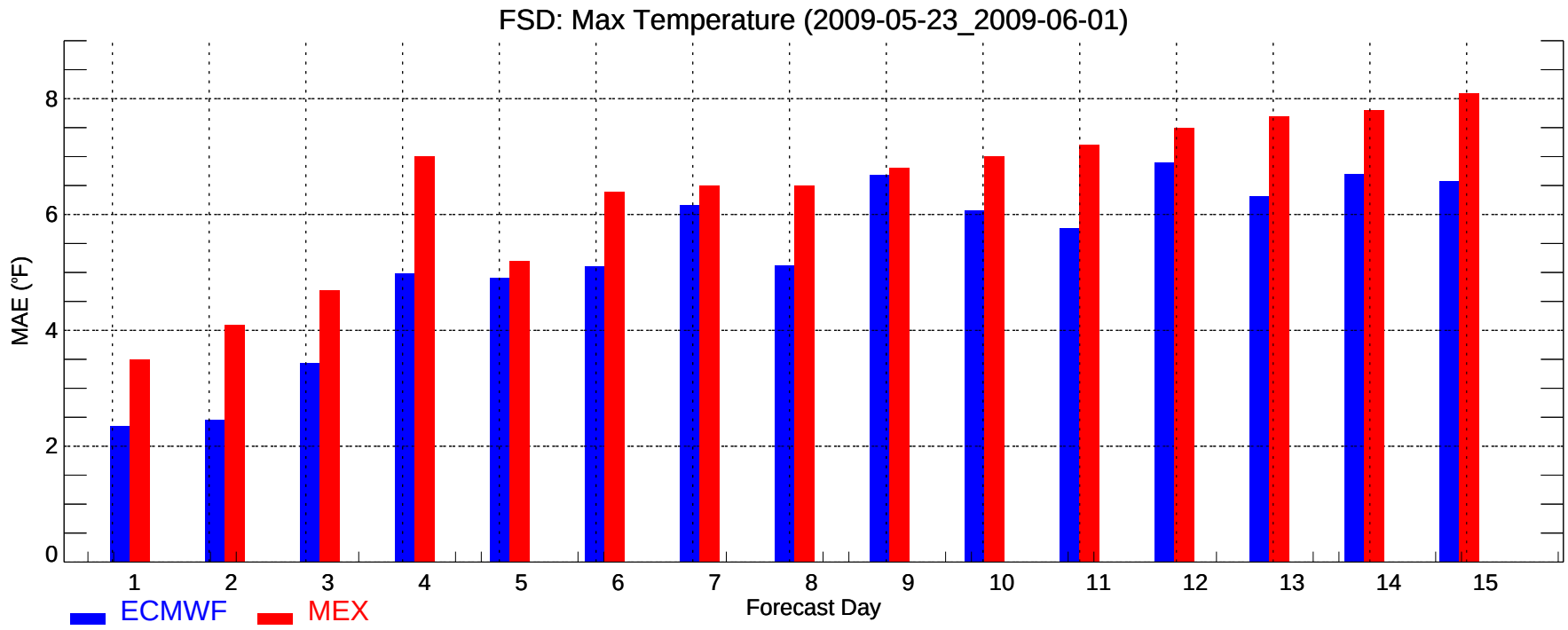
Forecast Day
ECMWF
MEX


FSD: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
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6
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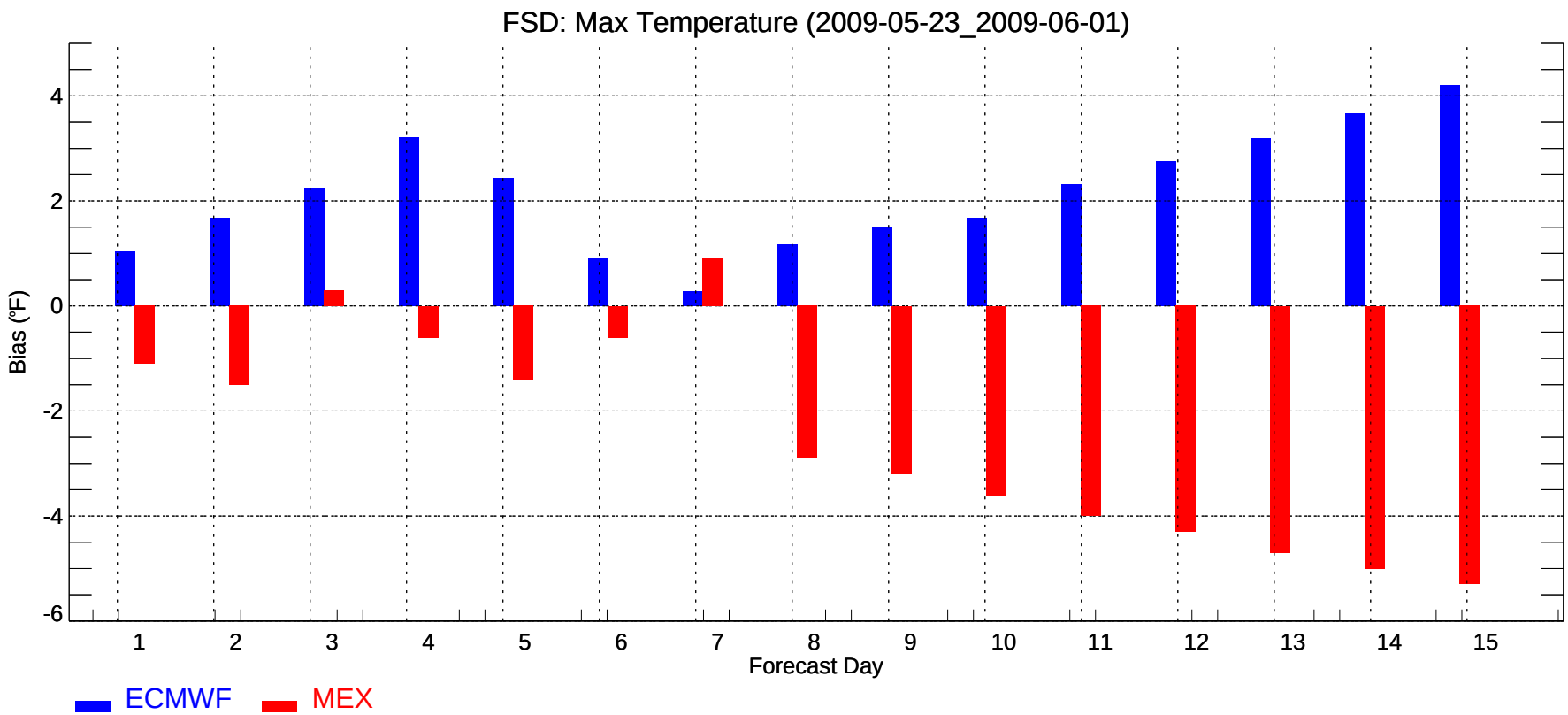
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FSD: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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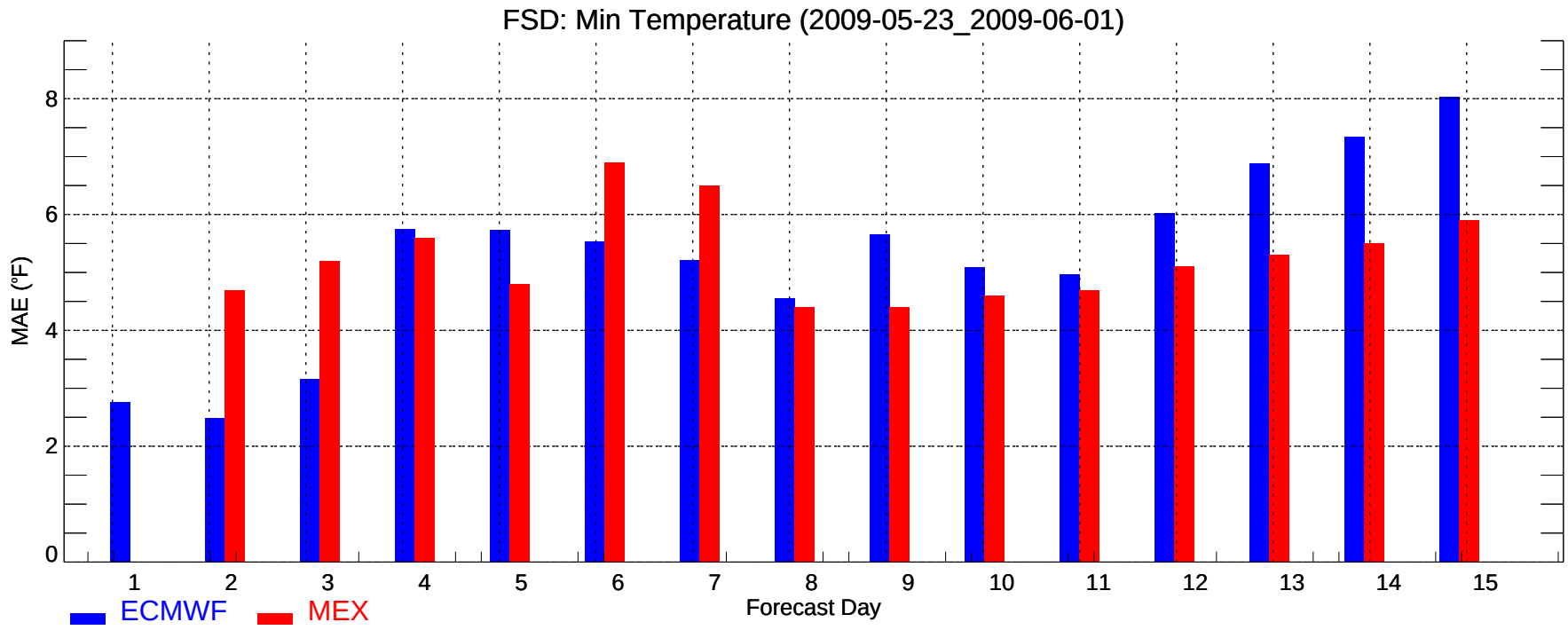
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FSD: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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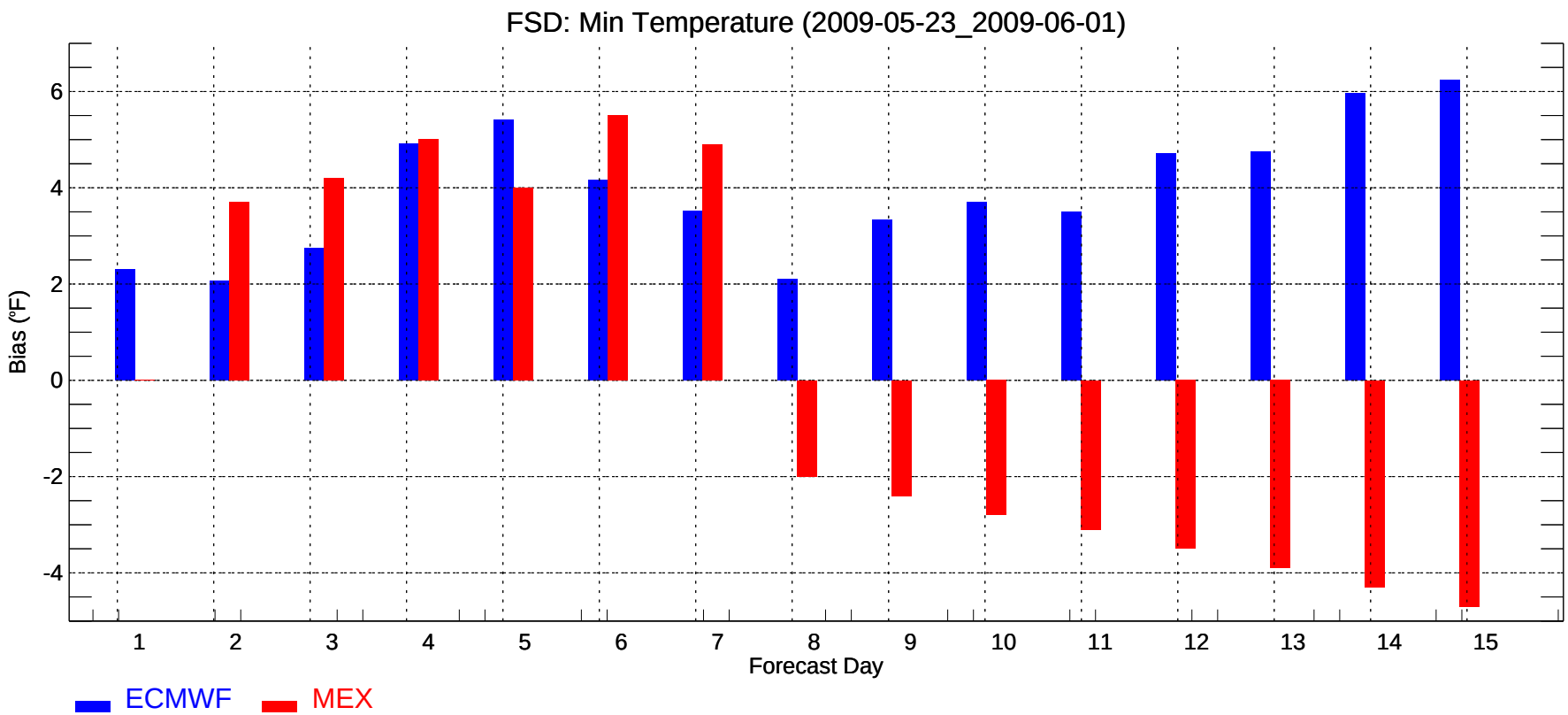
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FSD: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
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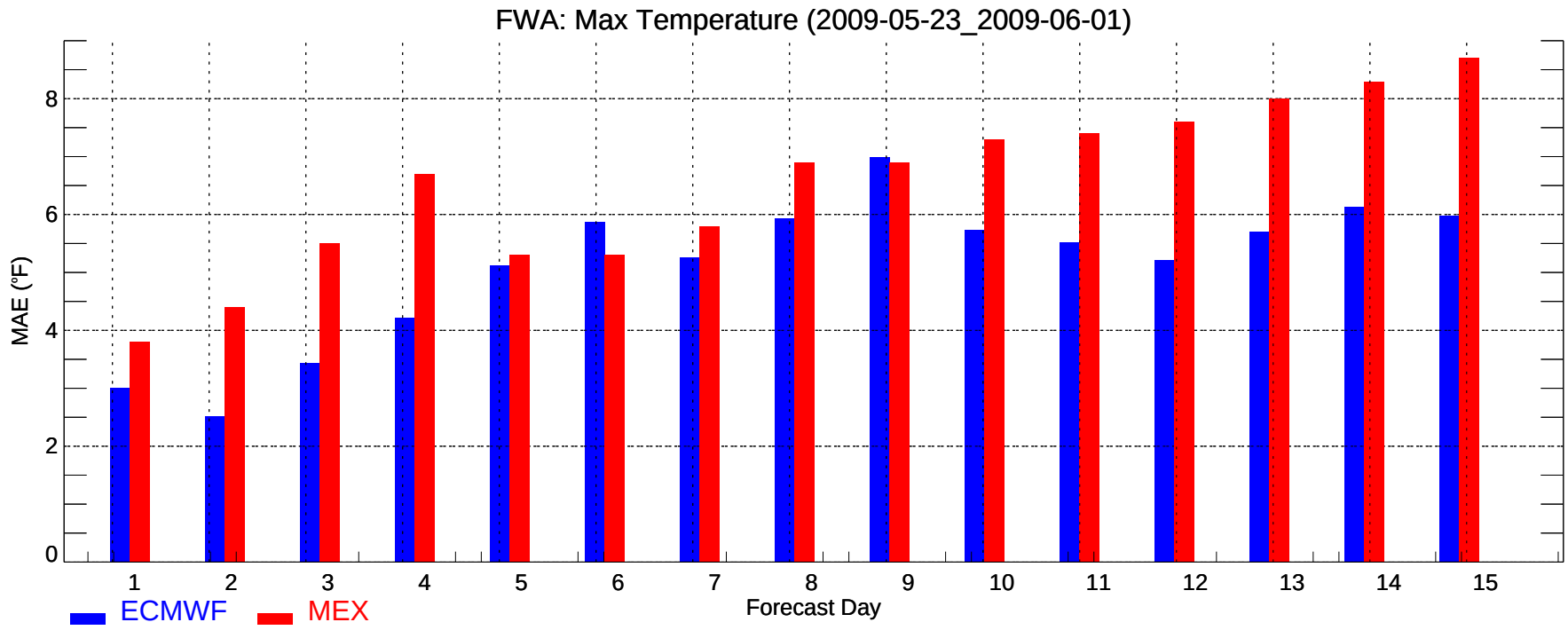
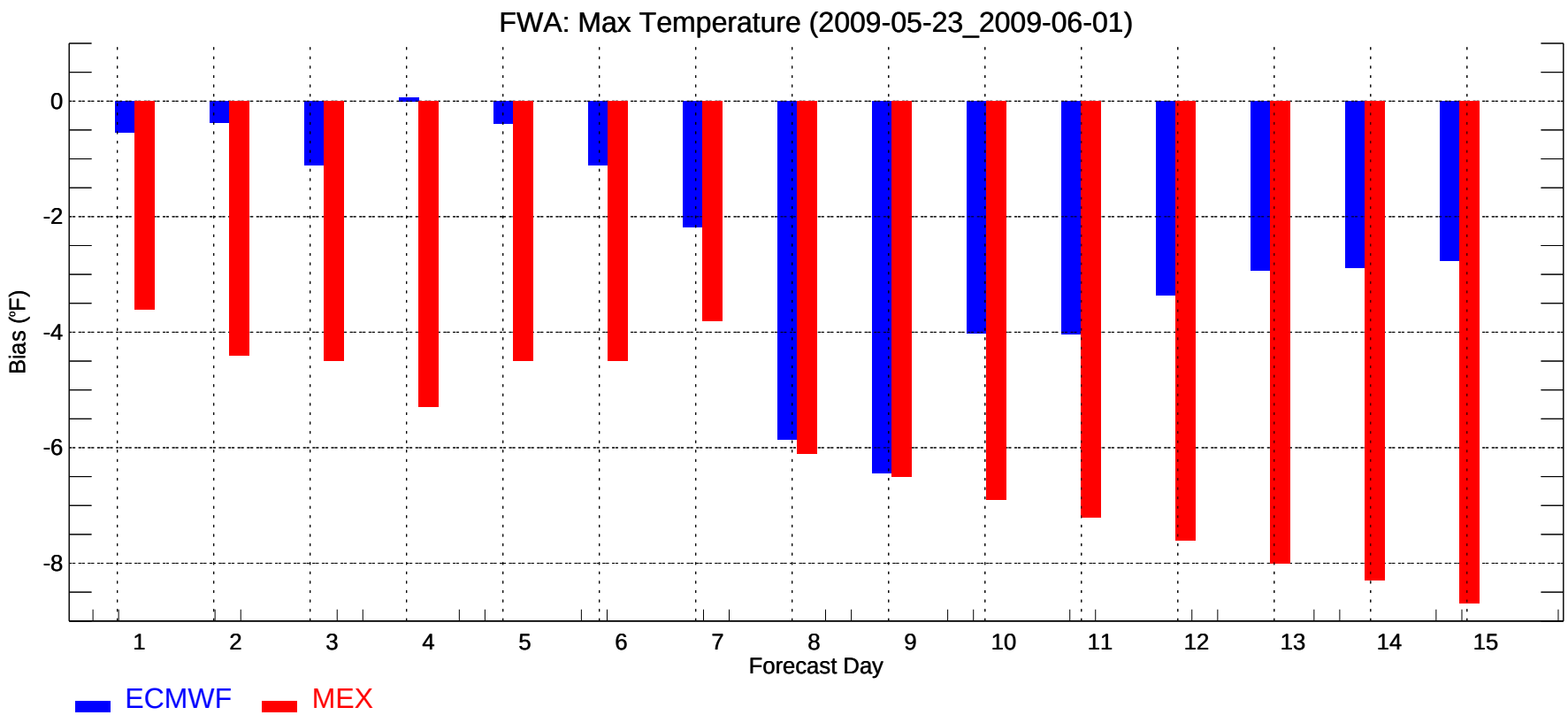
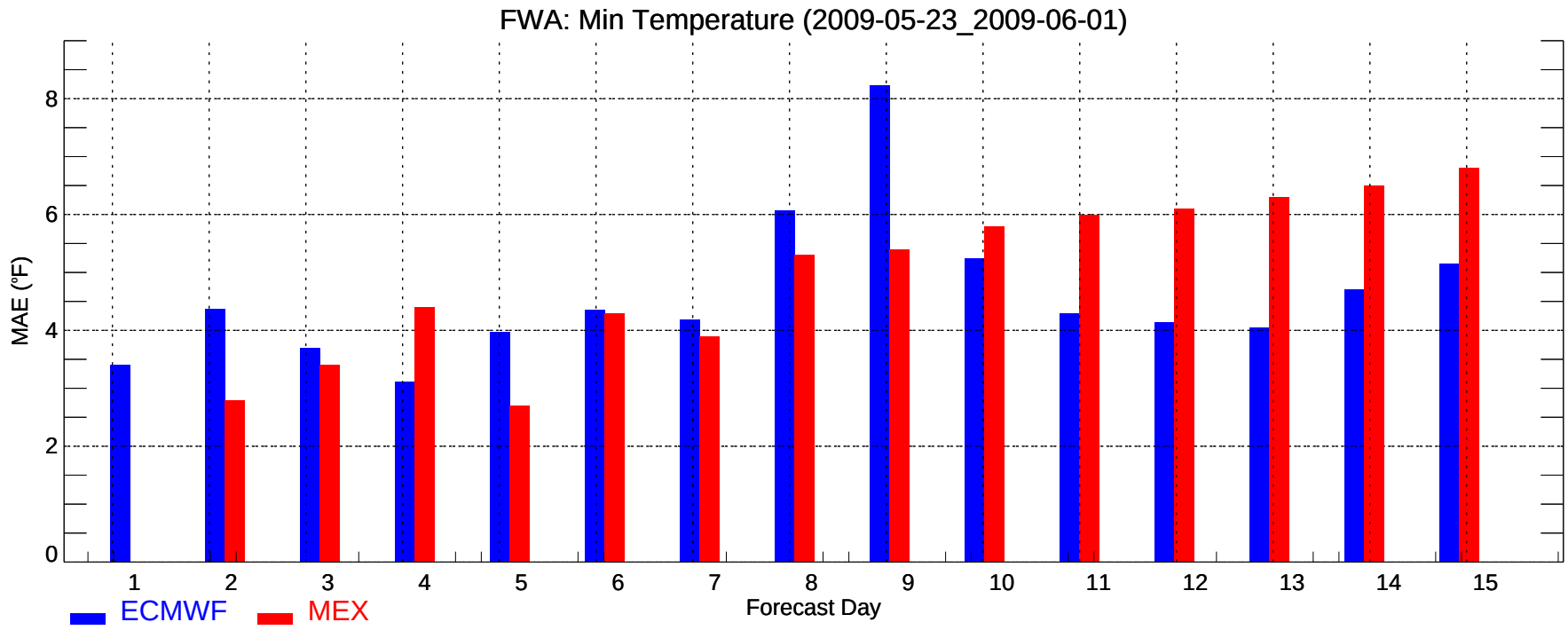
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FWA: Max Temperature (2009-05-23_2009-06-01)
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


FWA: Max Temperature (2009-05-23_2009-06-01)
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


FWA: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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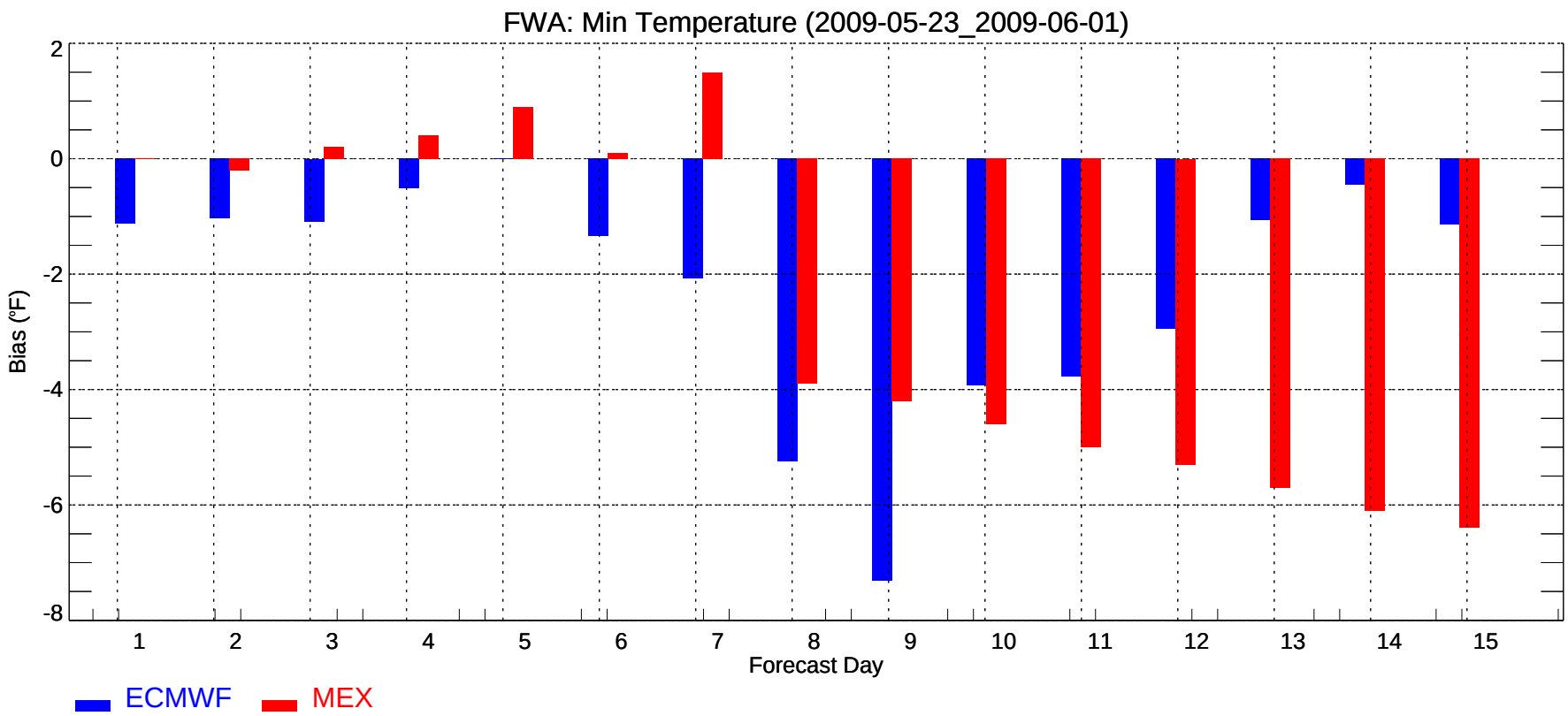
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FWA: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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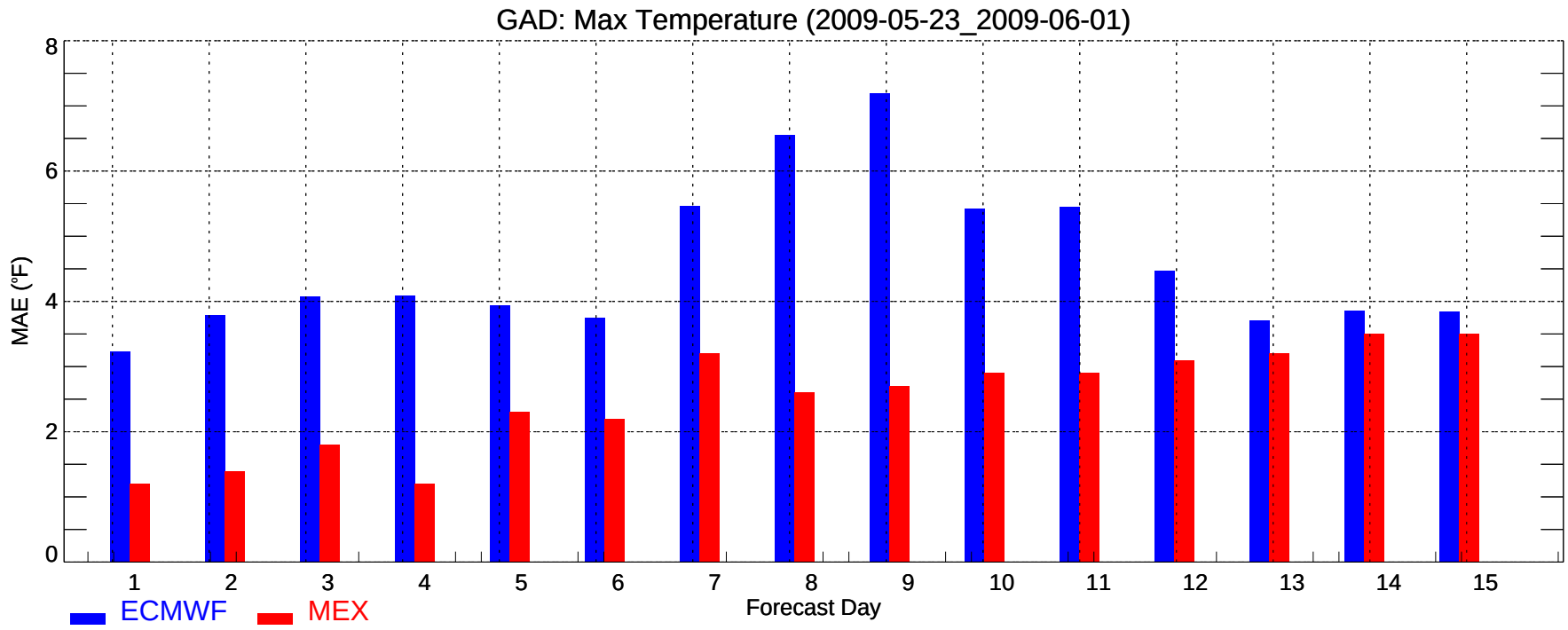
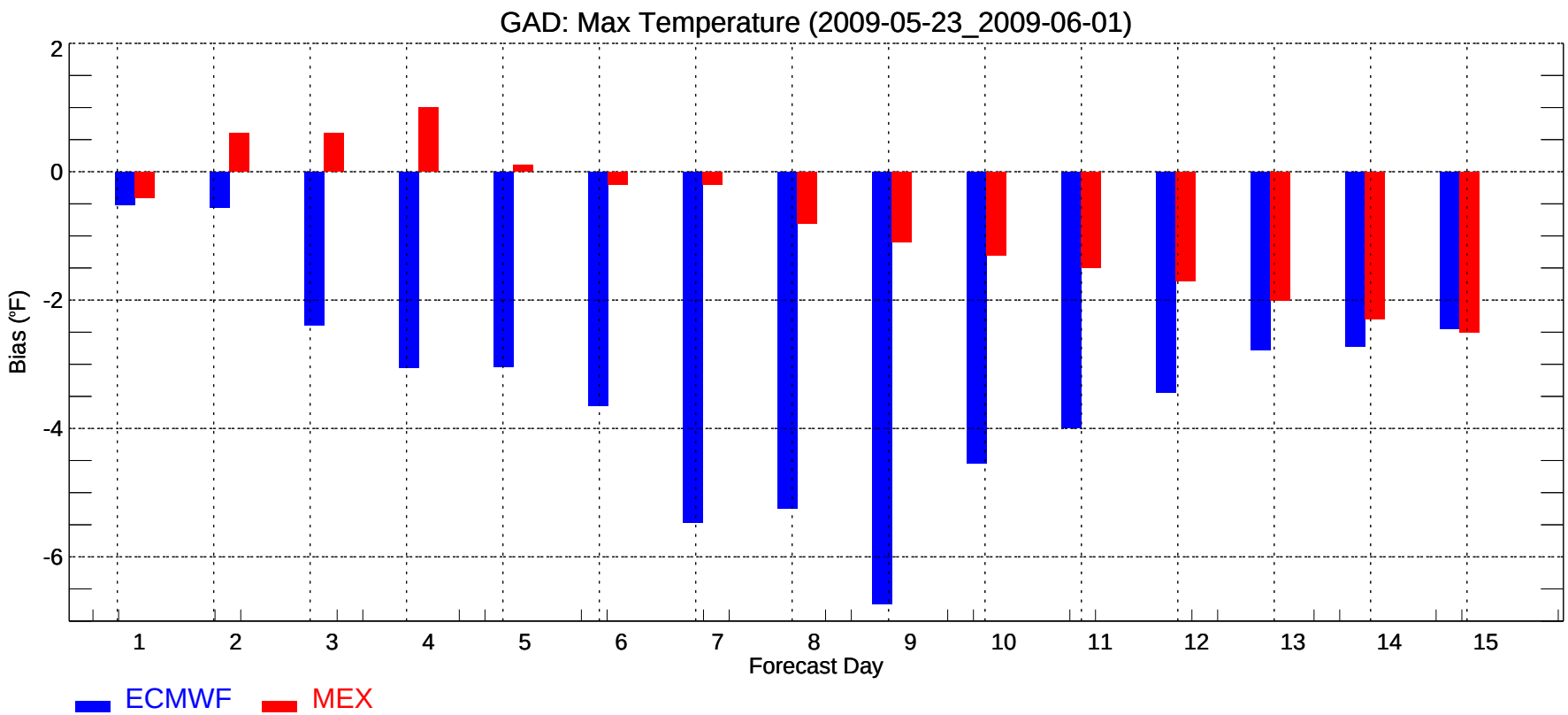
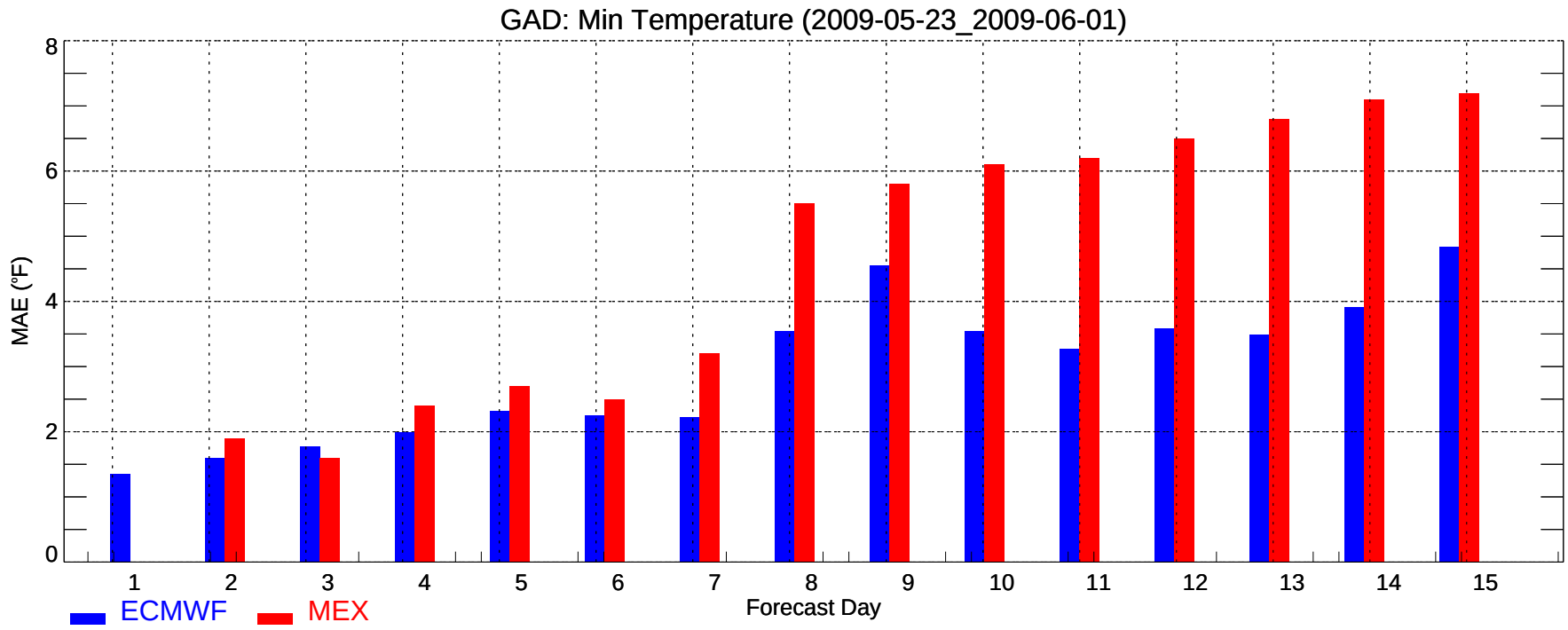
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


GAD: Max Temperature (2009-05-23_2009-06-01)
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


GAD: Max Temperature (2009-05-23_2009-06-01)
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


GAD: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
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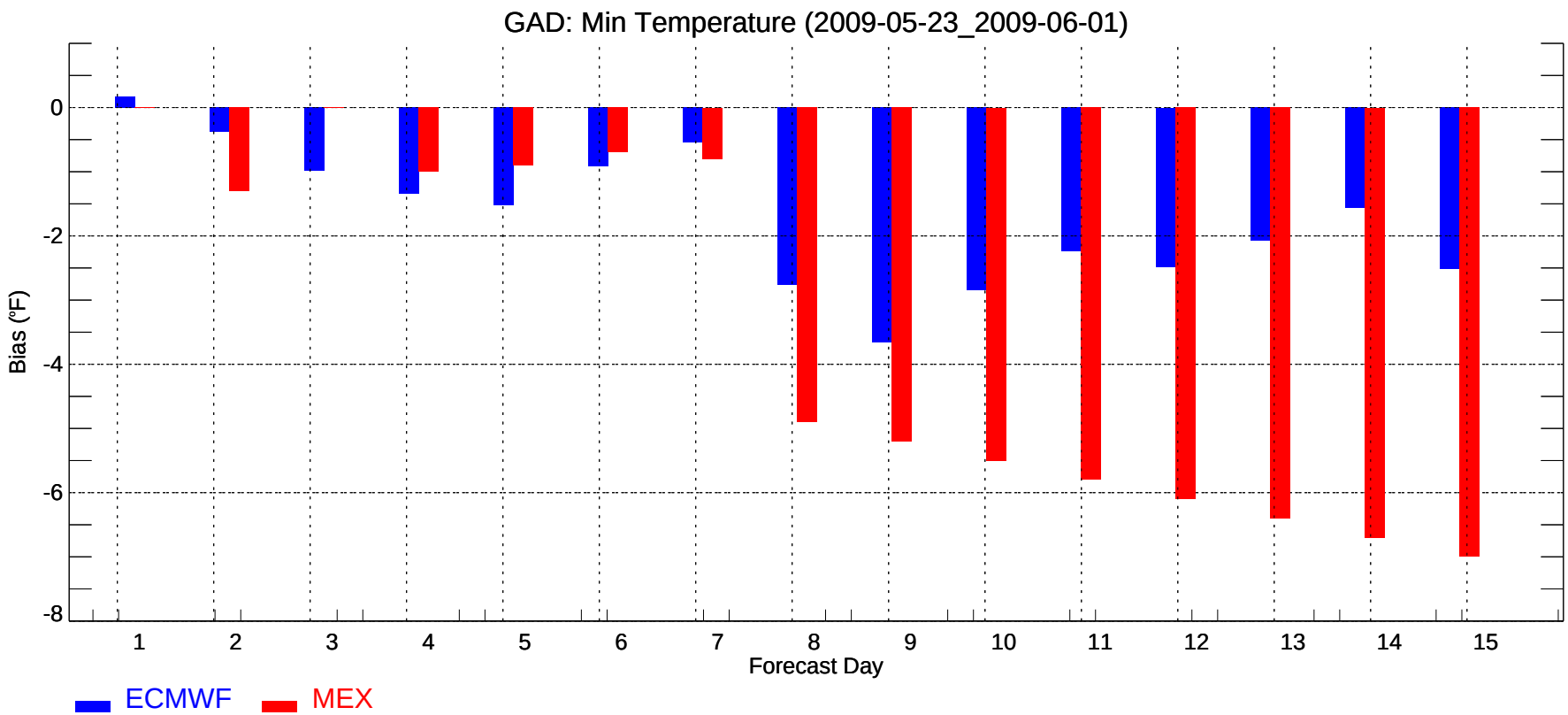
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


GAD: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
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13
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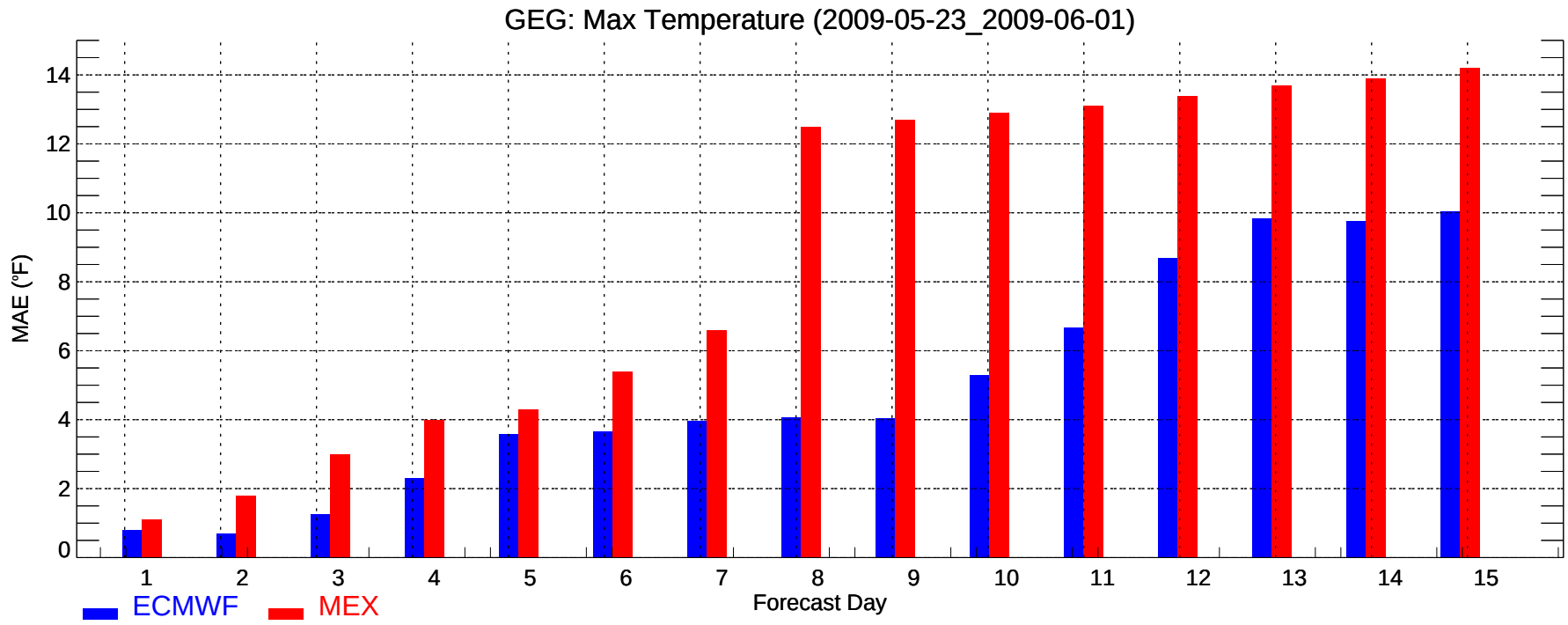
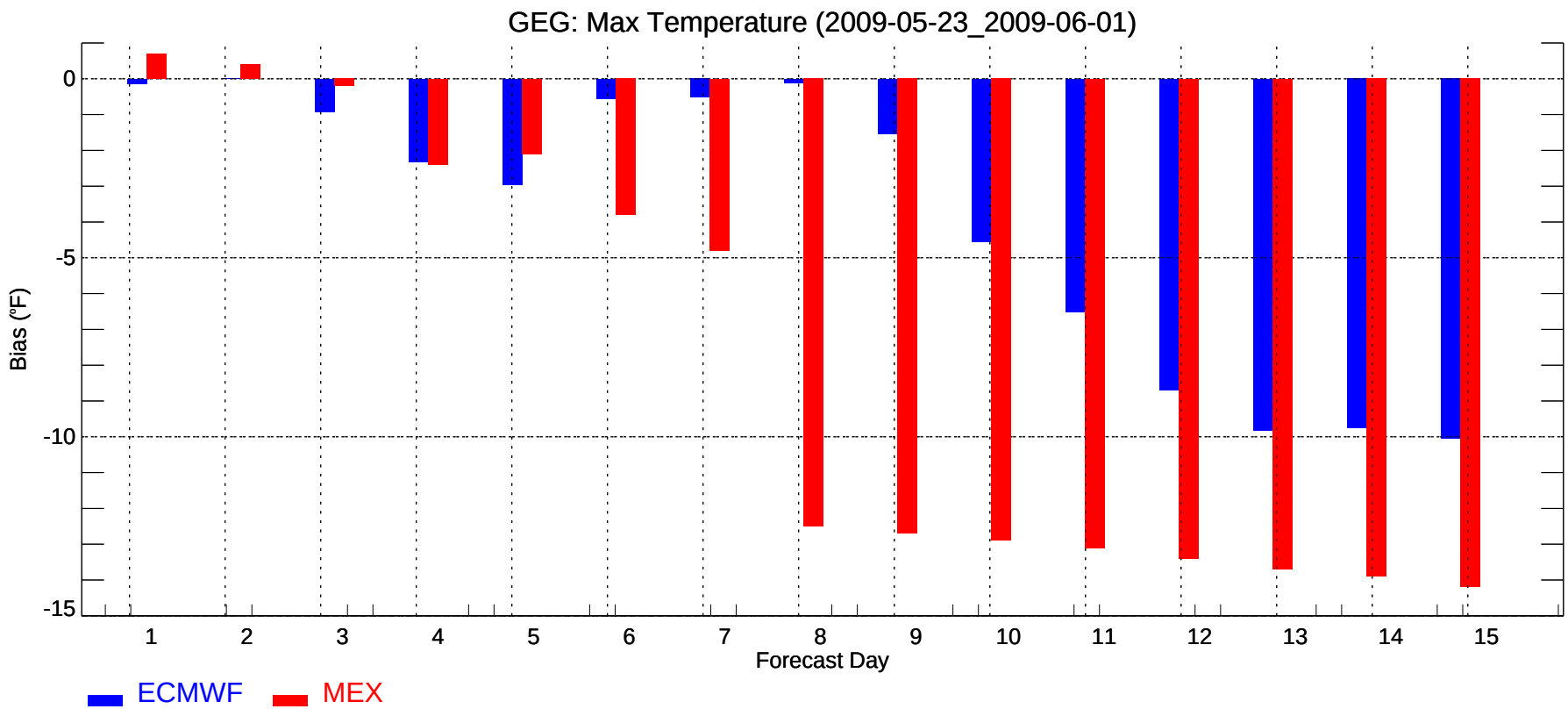
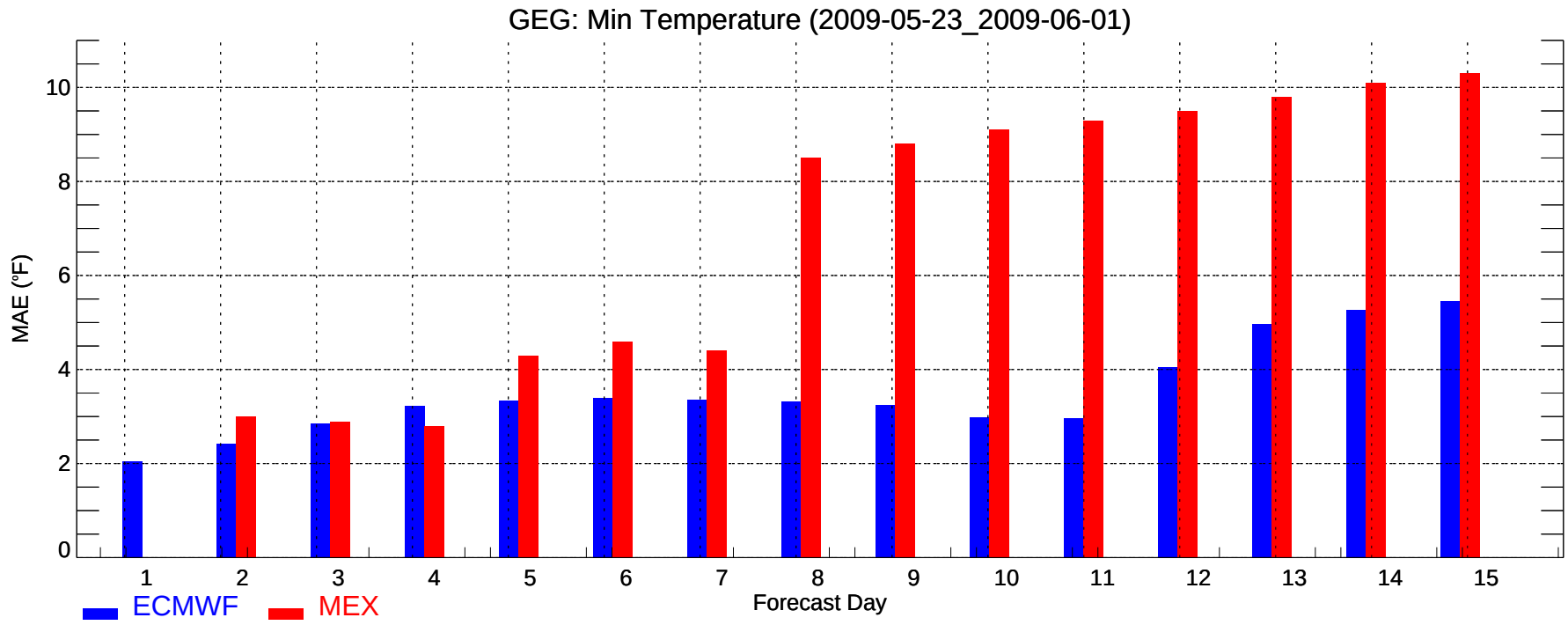
Forecast Day
ECMWF
MEX


GEG: Max Temperature (2009-05-23_2009-06-01)
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


GEG: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


GEG: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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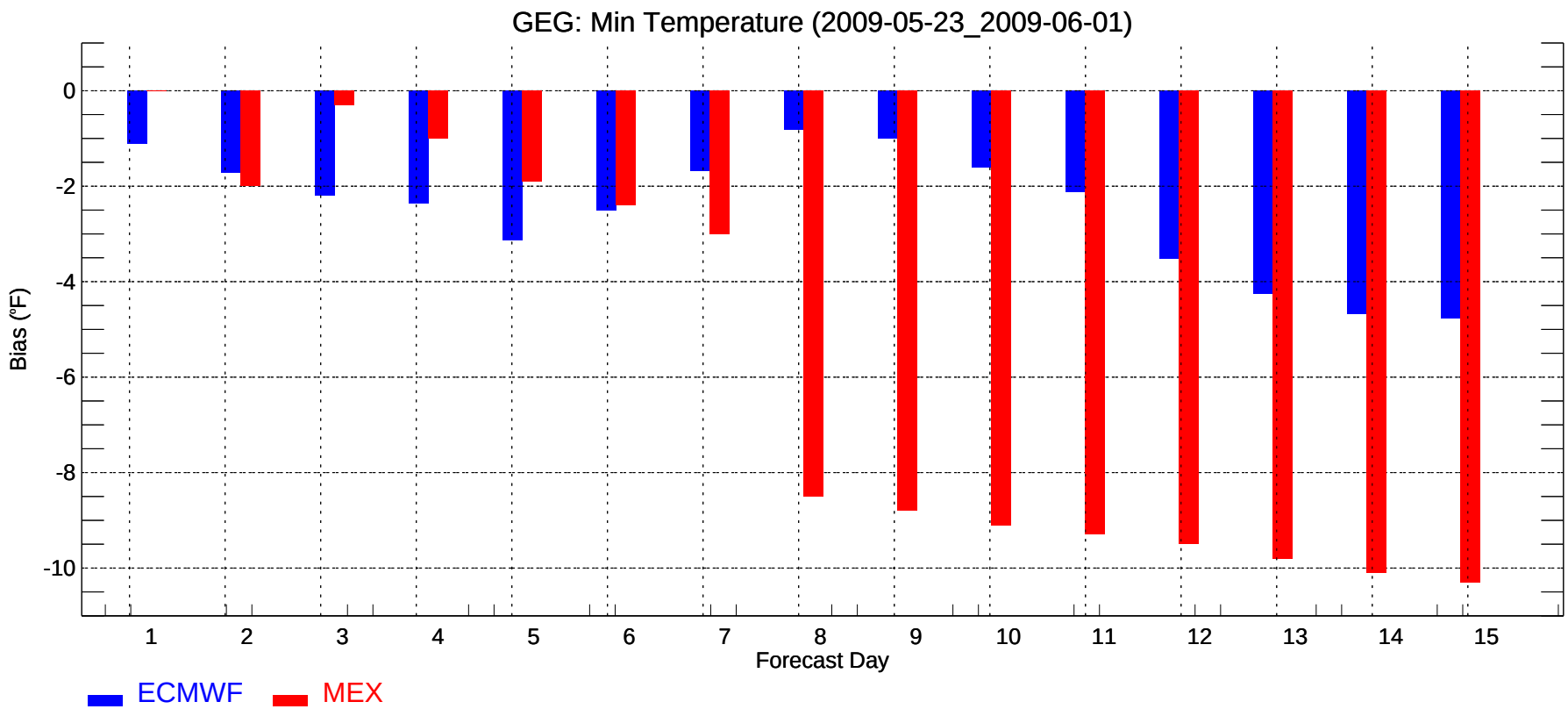
11
12
13
14
15
Forecast Day
ECMWF
MEX


GEG: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
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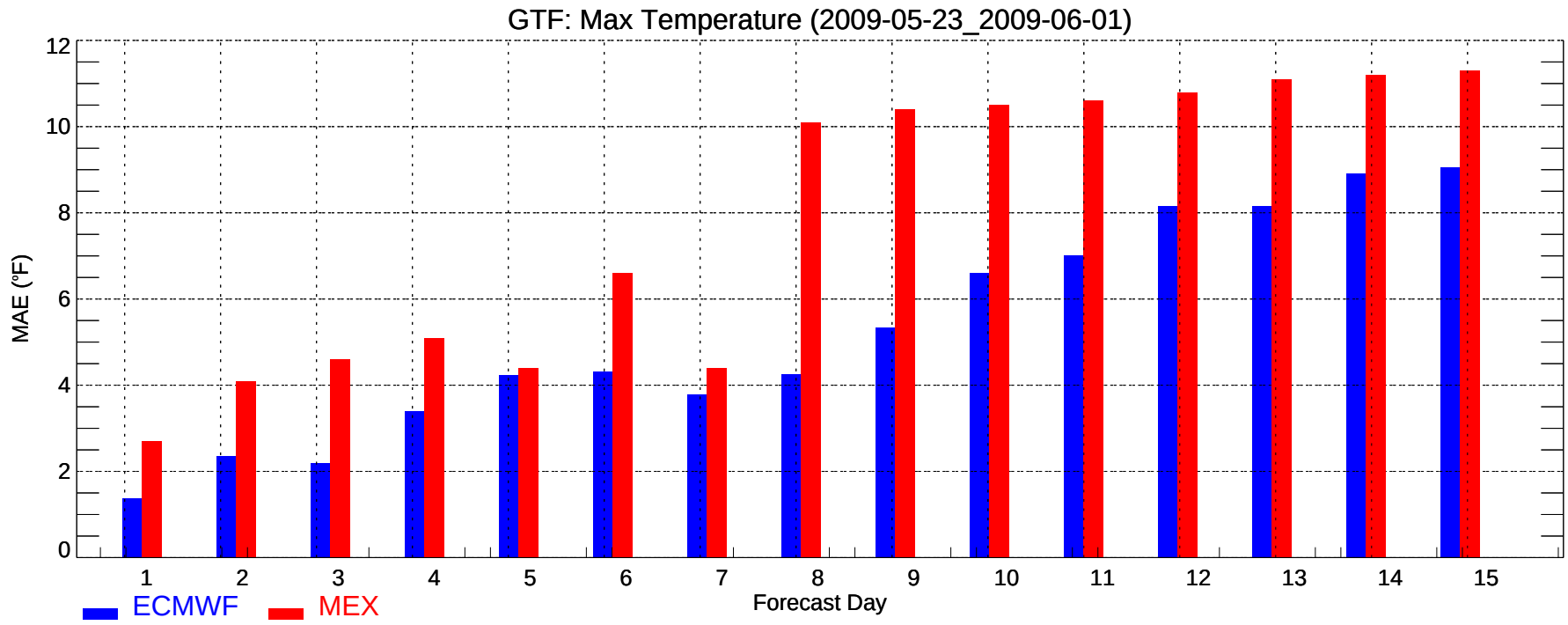
Forecast Day
ECMWF
MEX


GTF: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
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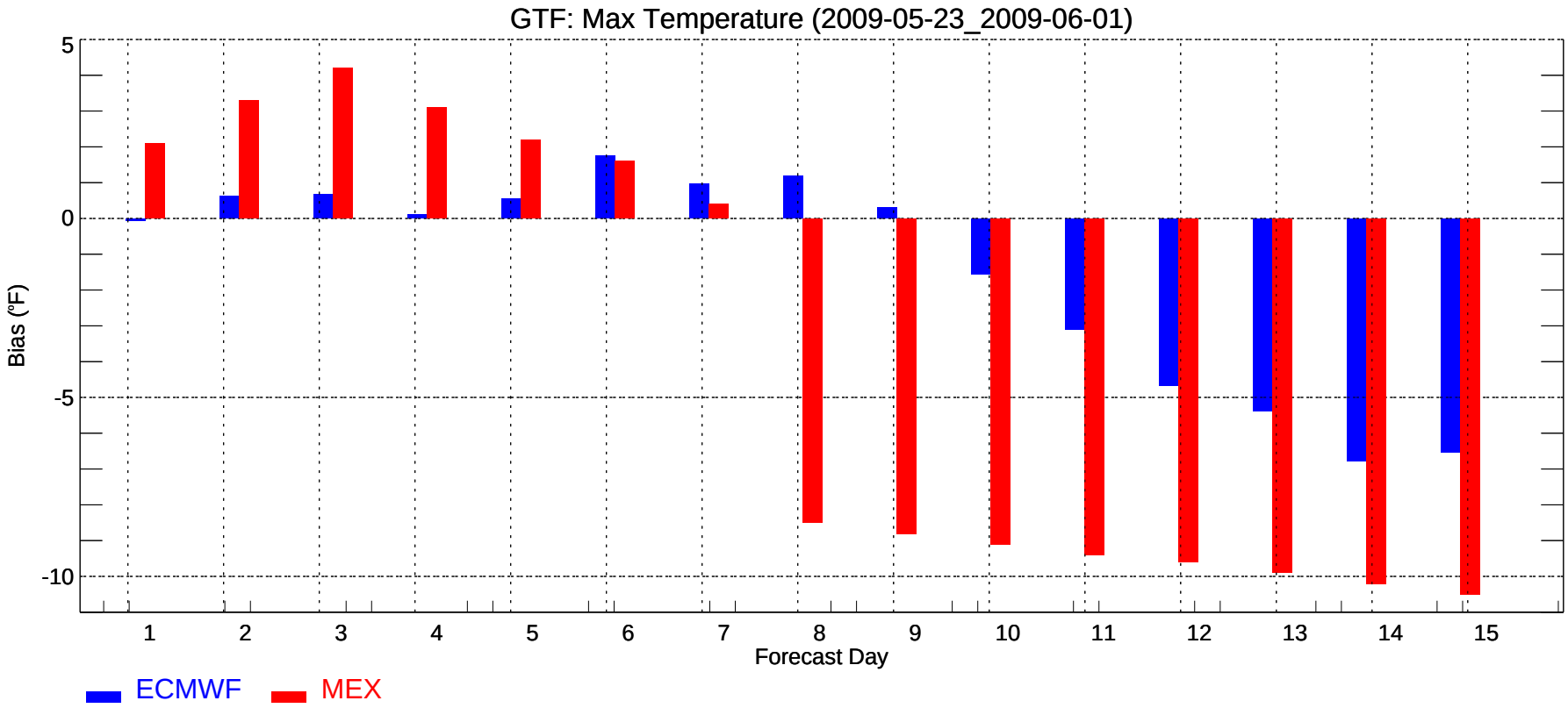
Forecast Day
ECMWF
MEX


GTF: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
5
0
-5
-10
1
2
3
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6
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8
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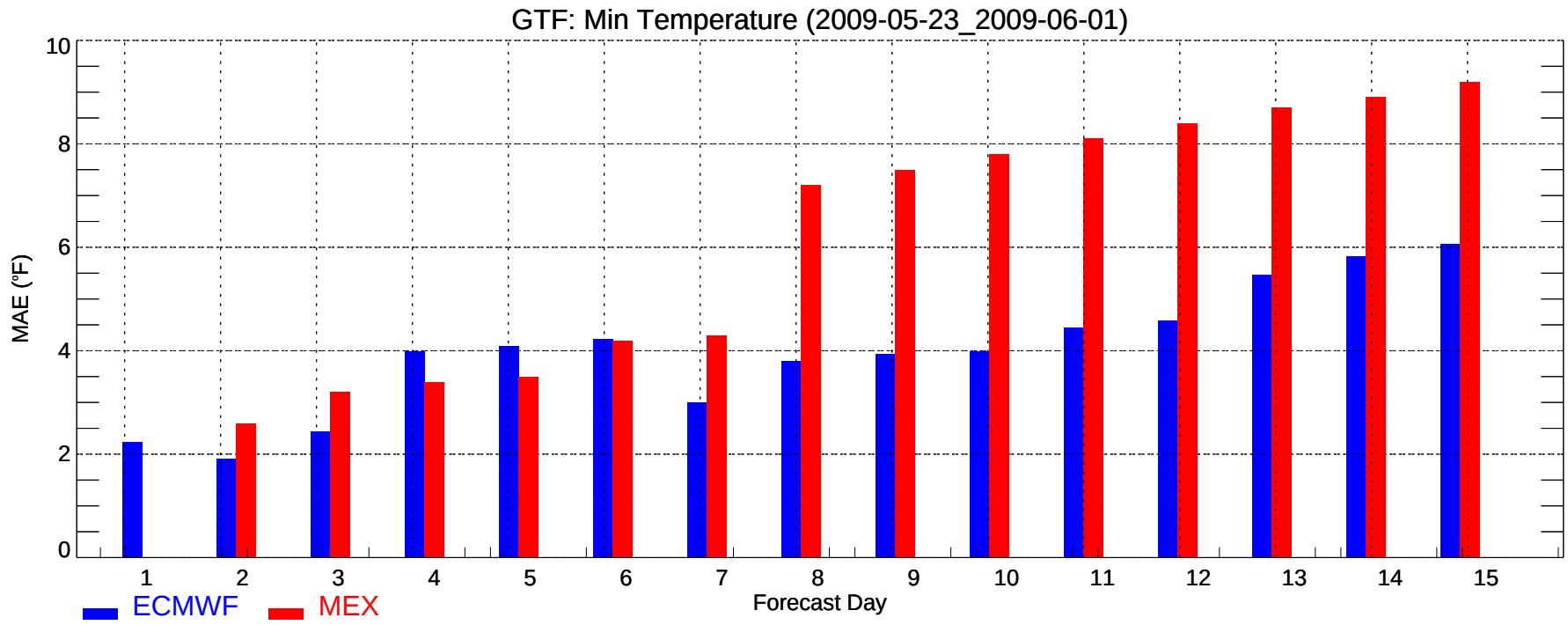
Forecast Day
ECMWF
MEX


GTF: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
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5
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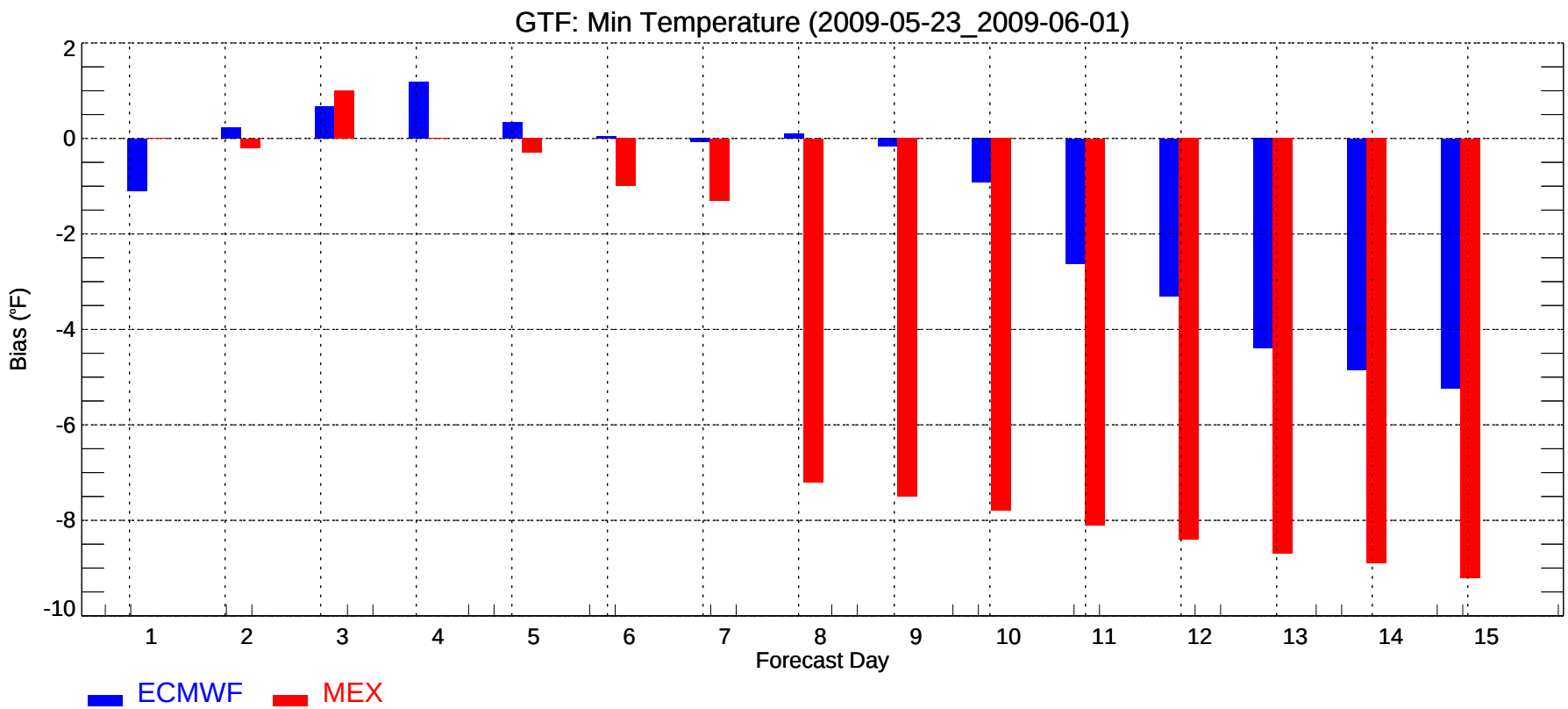
Forecast Day
ECMWF
MEX


GTF: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
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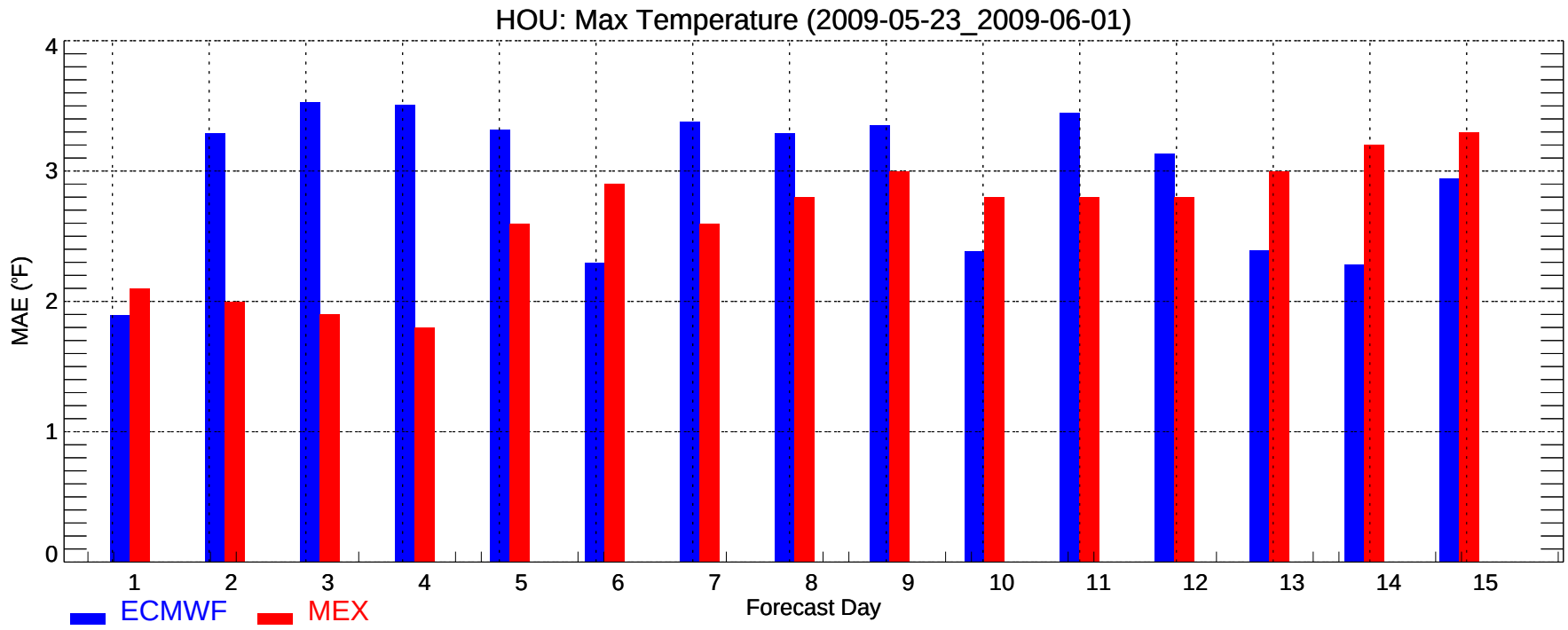
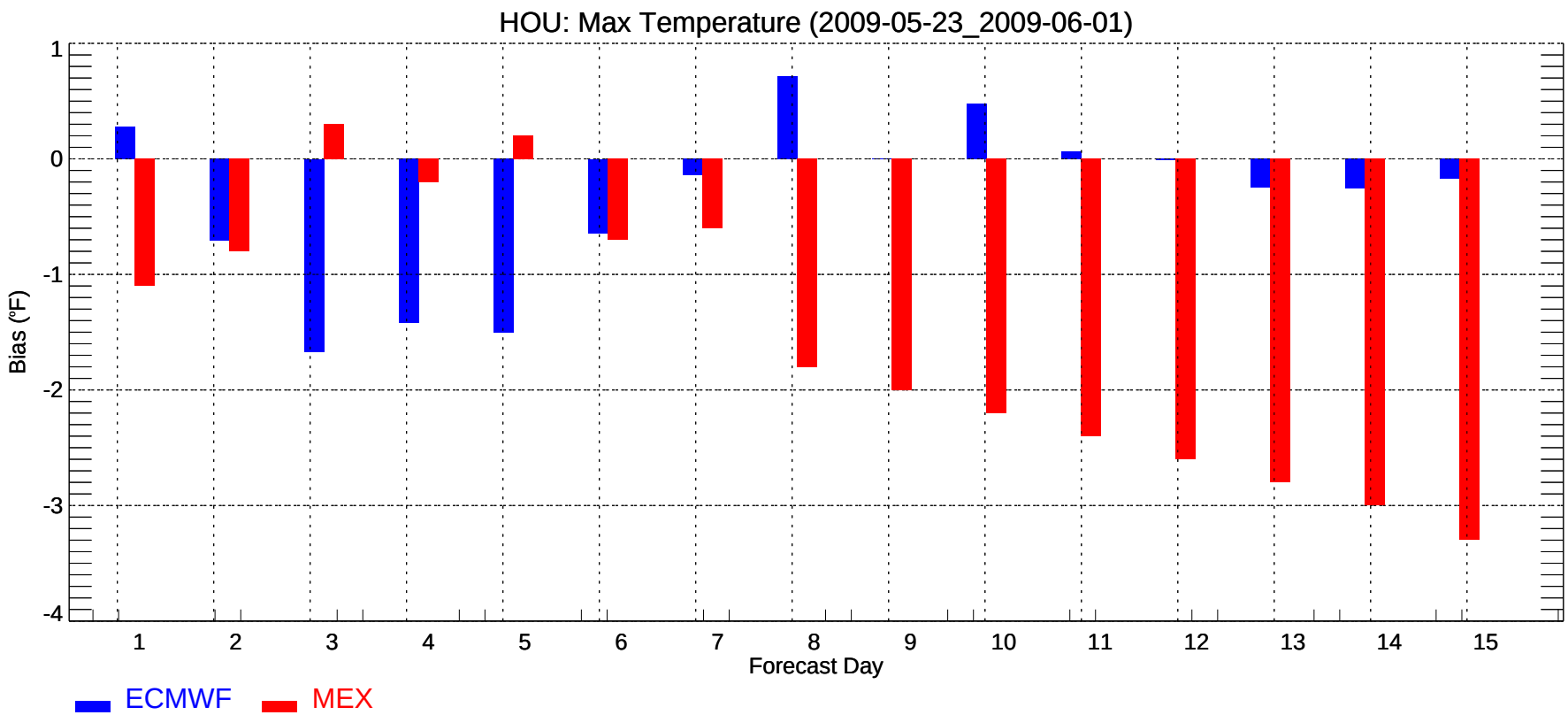
Forecast Day
ECMWF
MEX


HOU: Max Temperature (2009-05-23_2009-06-01)
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


HOU: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
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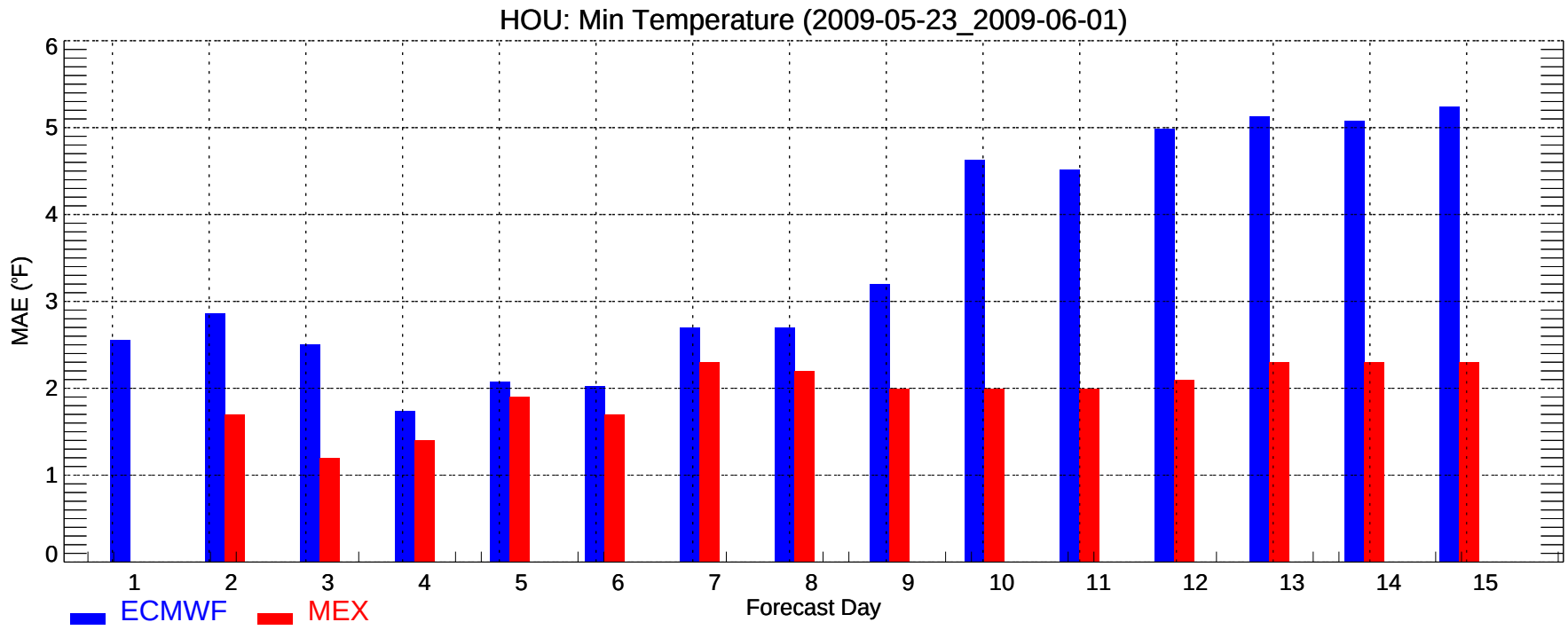
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


HOU: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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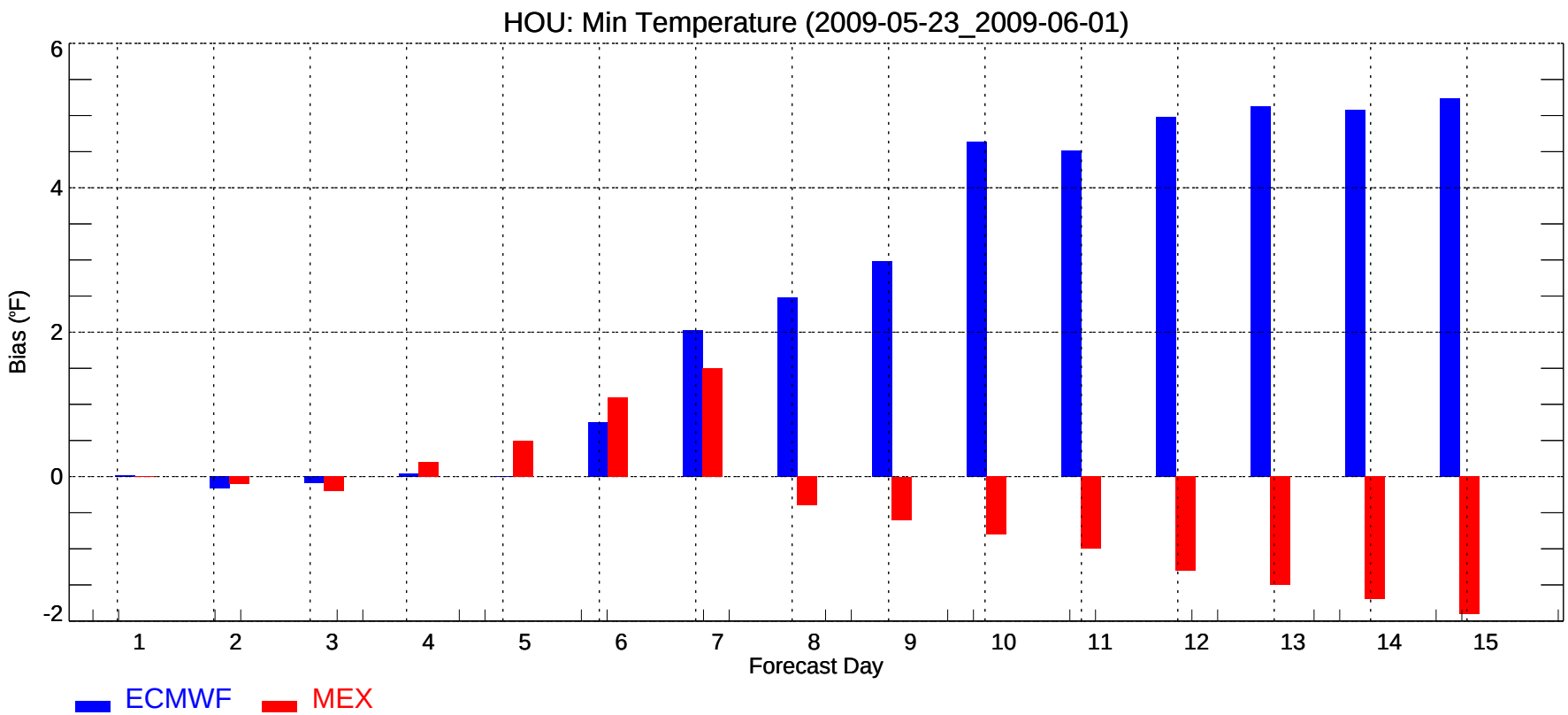
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


HOU: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
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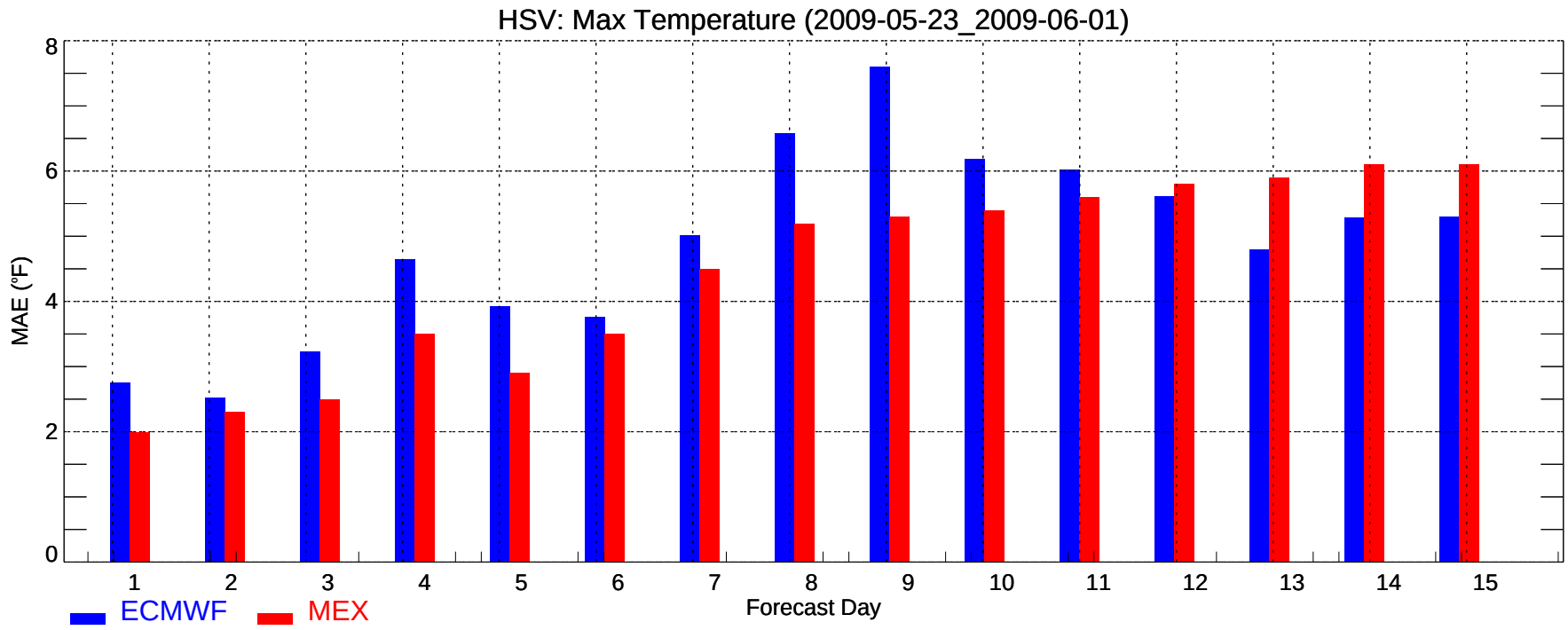
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


HSV: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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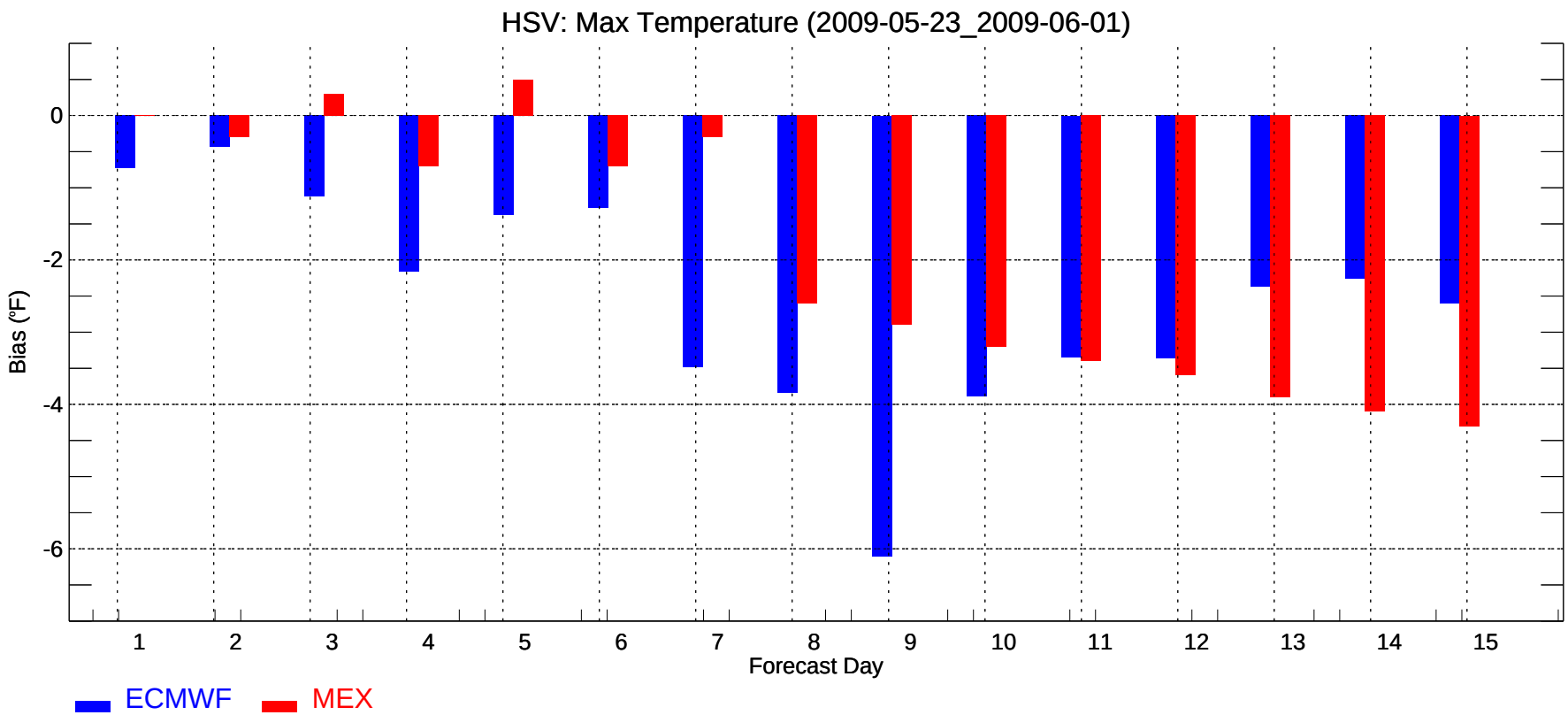
11
12
13
14
15
Forecast Day
ECMWF
MEX


HSV: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
1
2
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4
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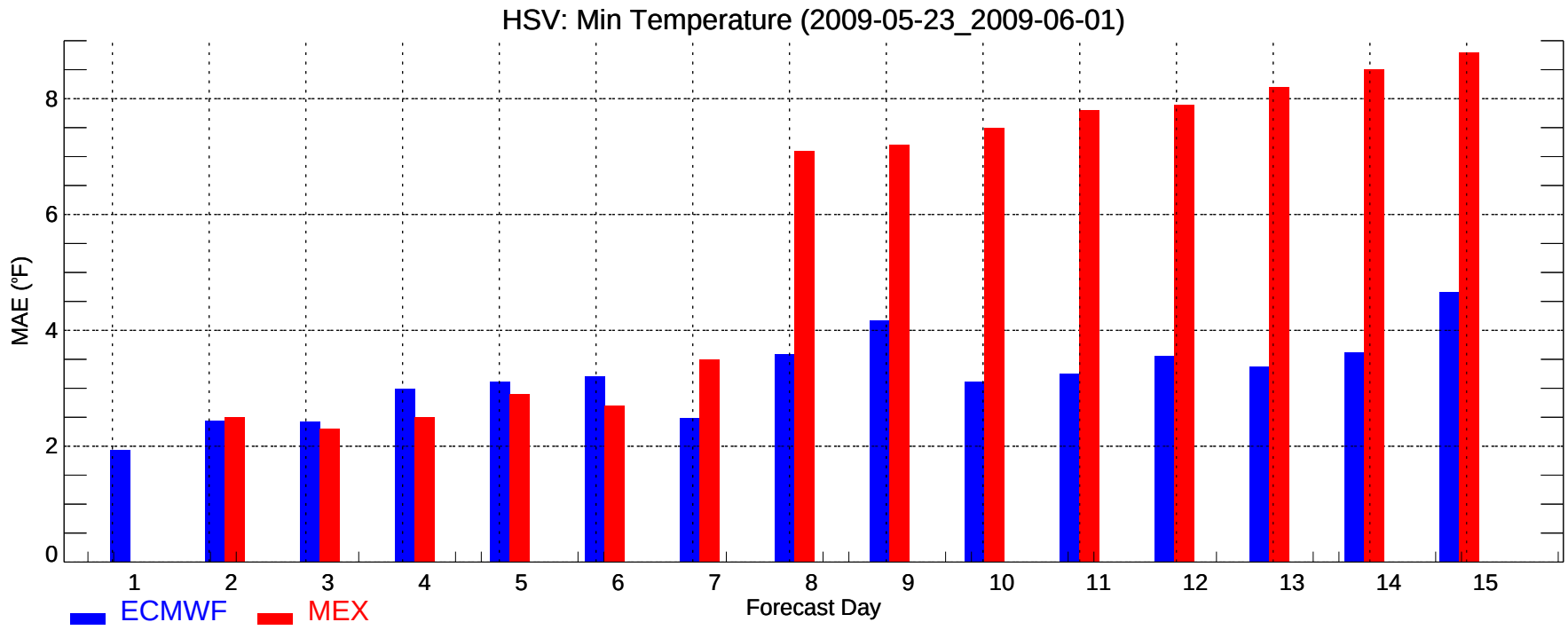
Forecast Day
ECMWF
MEX


HSV: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
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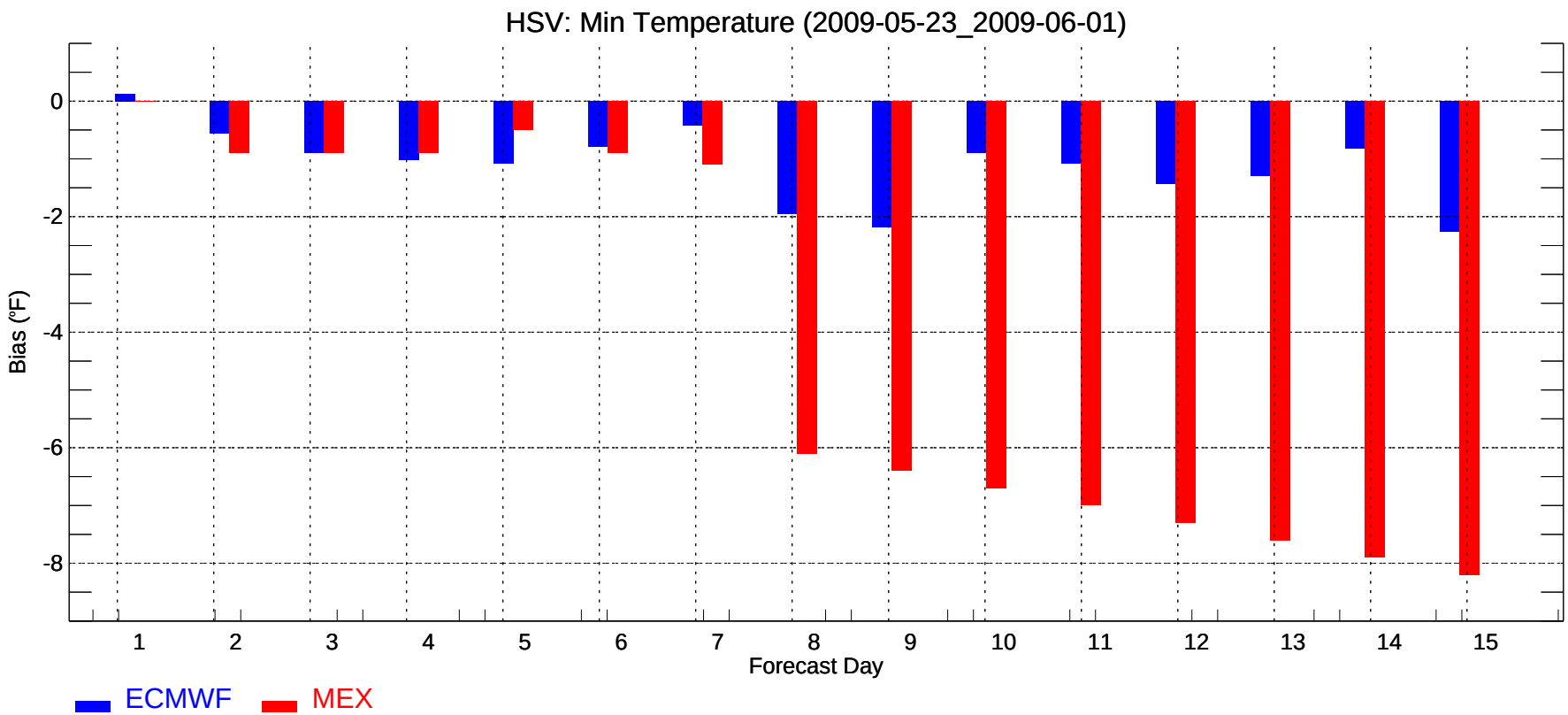
11
12
13
14
15
Forecast Day
ECMWF
MEX


HSV: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
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6
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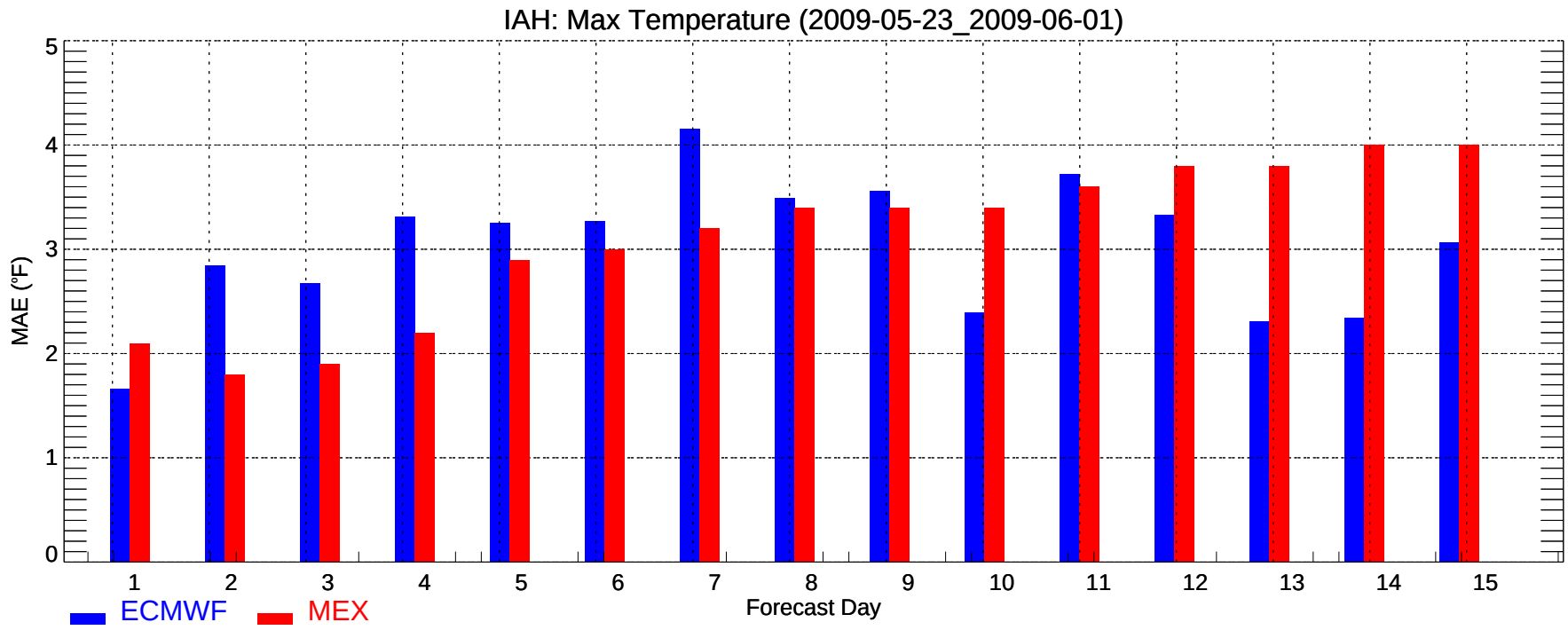
Forecast Day
ECMWF
MEX


IAH: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
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11
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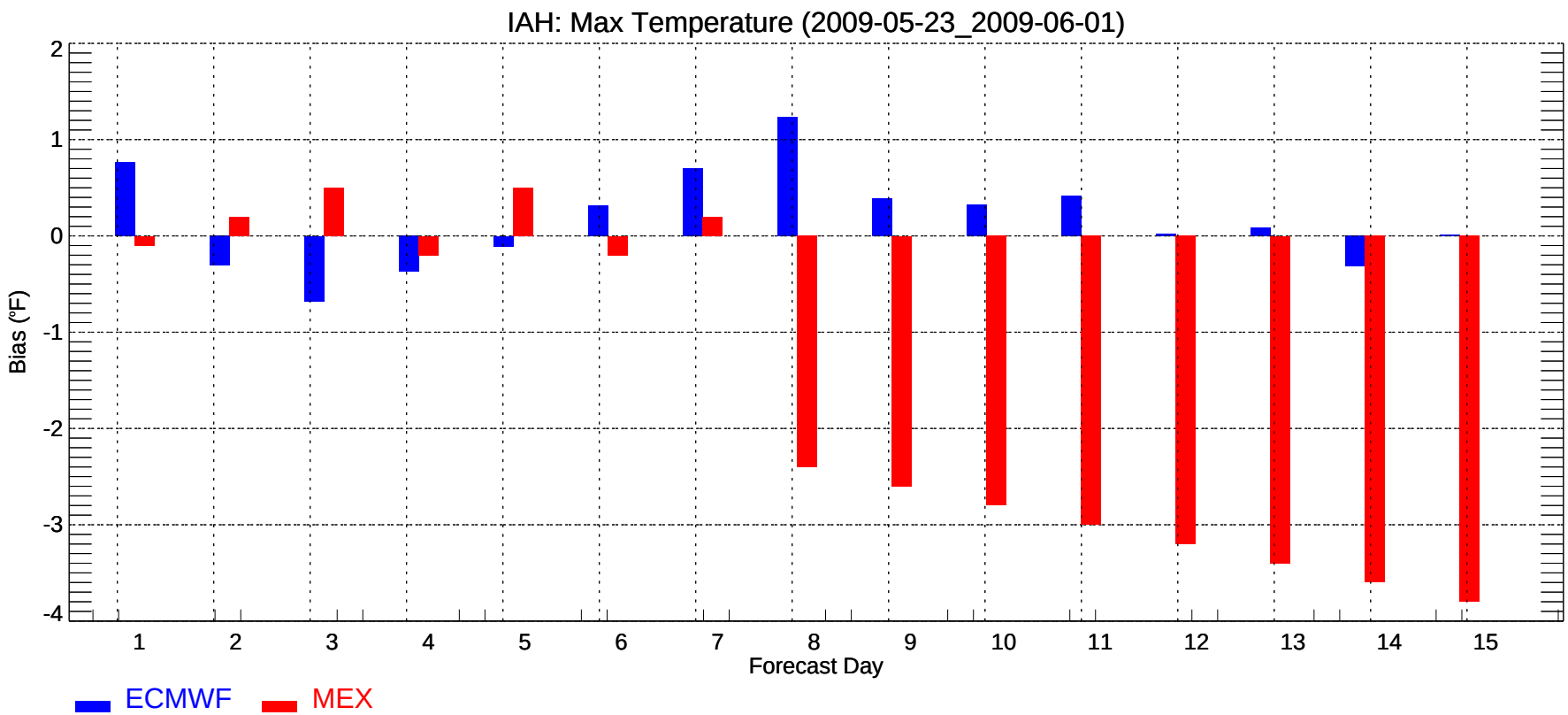
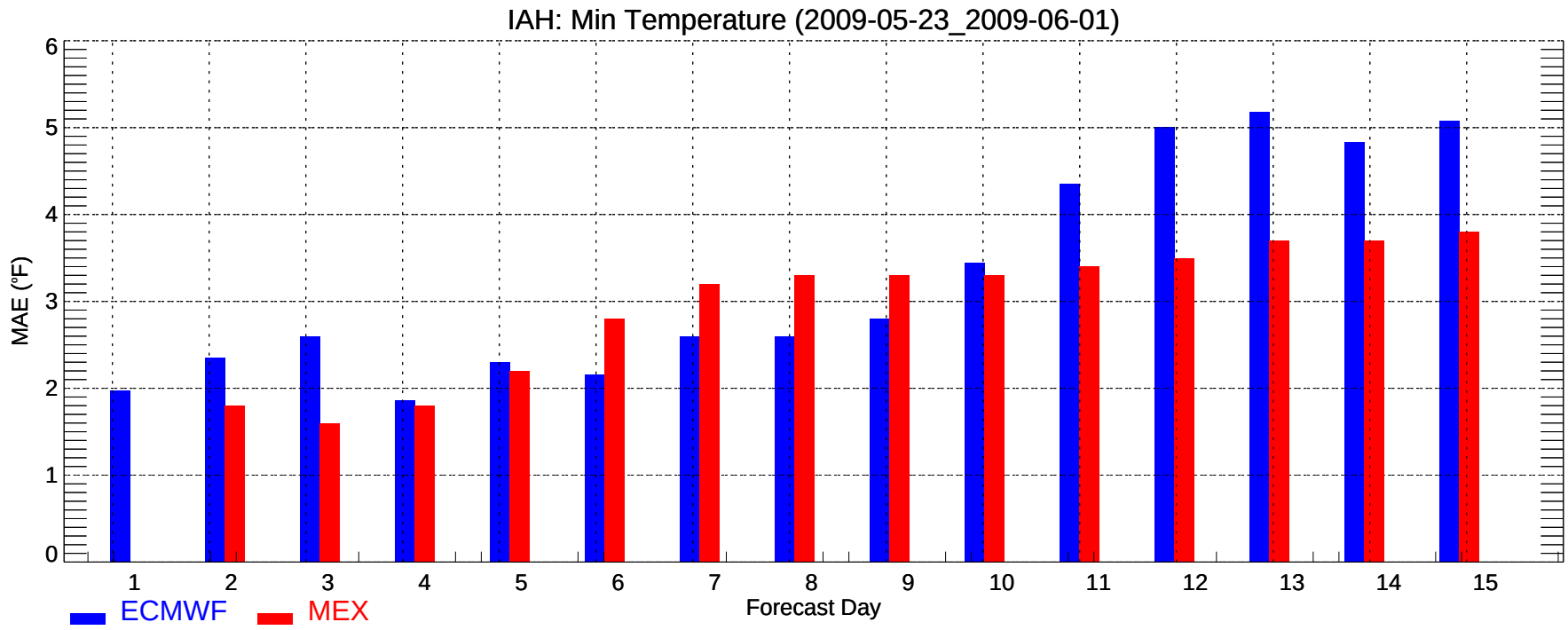
13
14
15
Forecast Day
ECMWF
MEX


IAH: Max Temperature (2009-05-23_2009-06-01)
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


IAH: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
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5
6
1
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6
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10
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12
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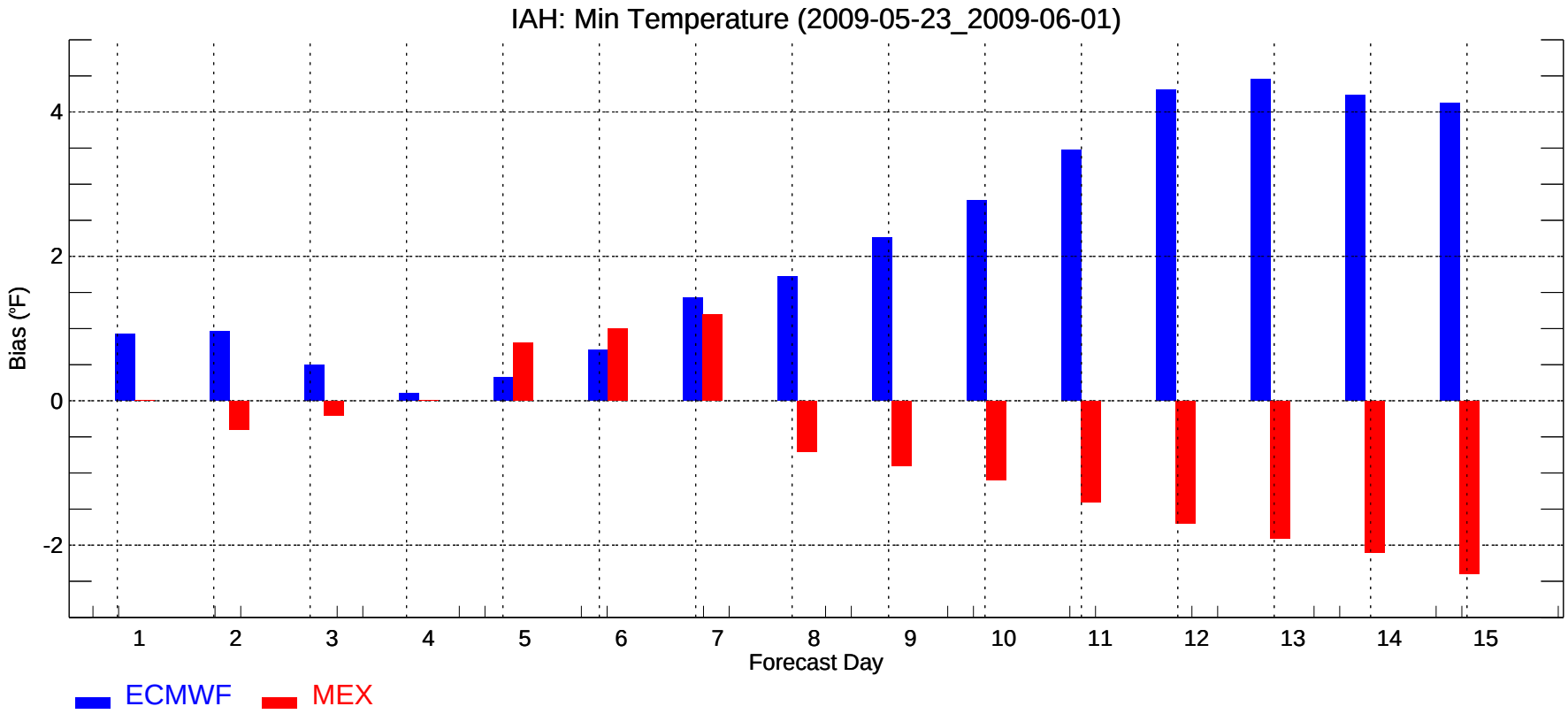
14
15
Forecast Day
ECMWF
MEX


IAH: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
1
2
3
4
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6
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8
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13
14
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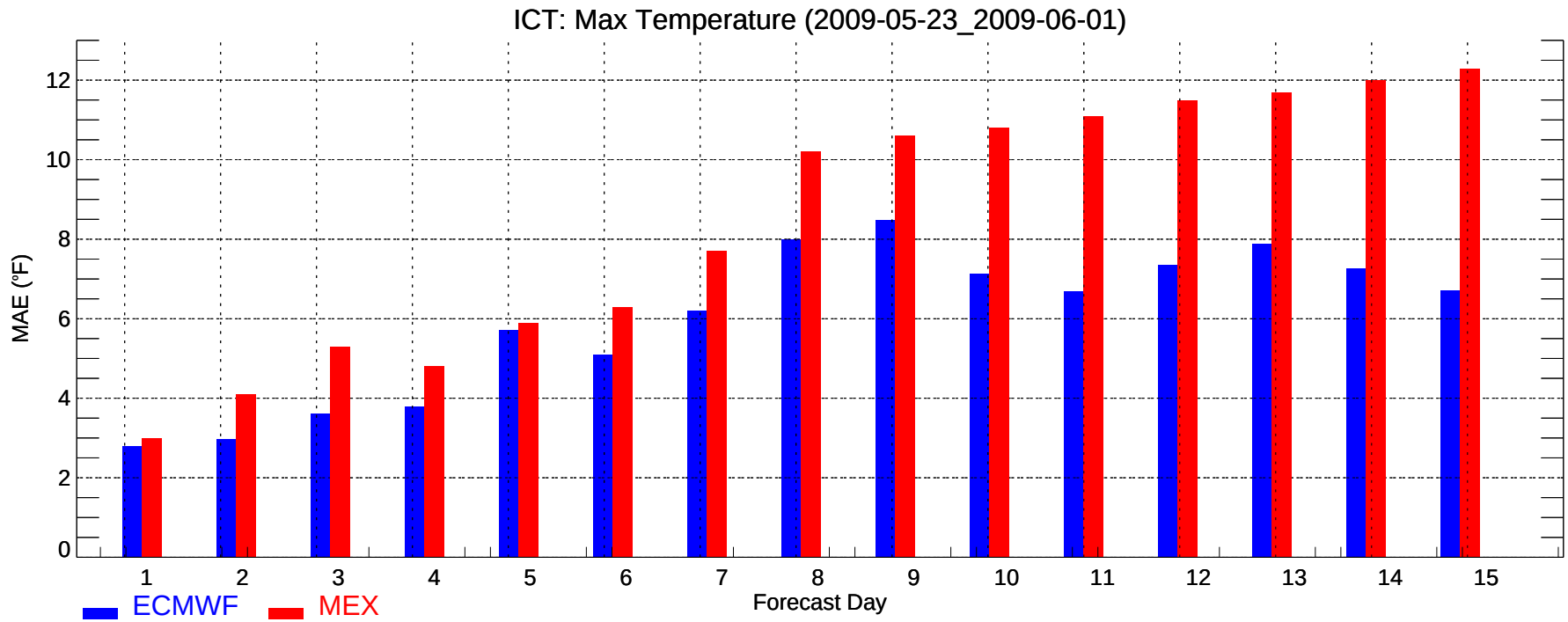
Forecast Day
ECMWF
MEX


ICT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
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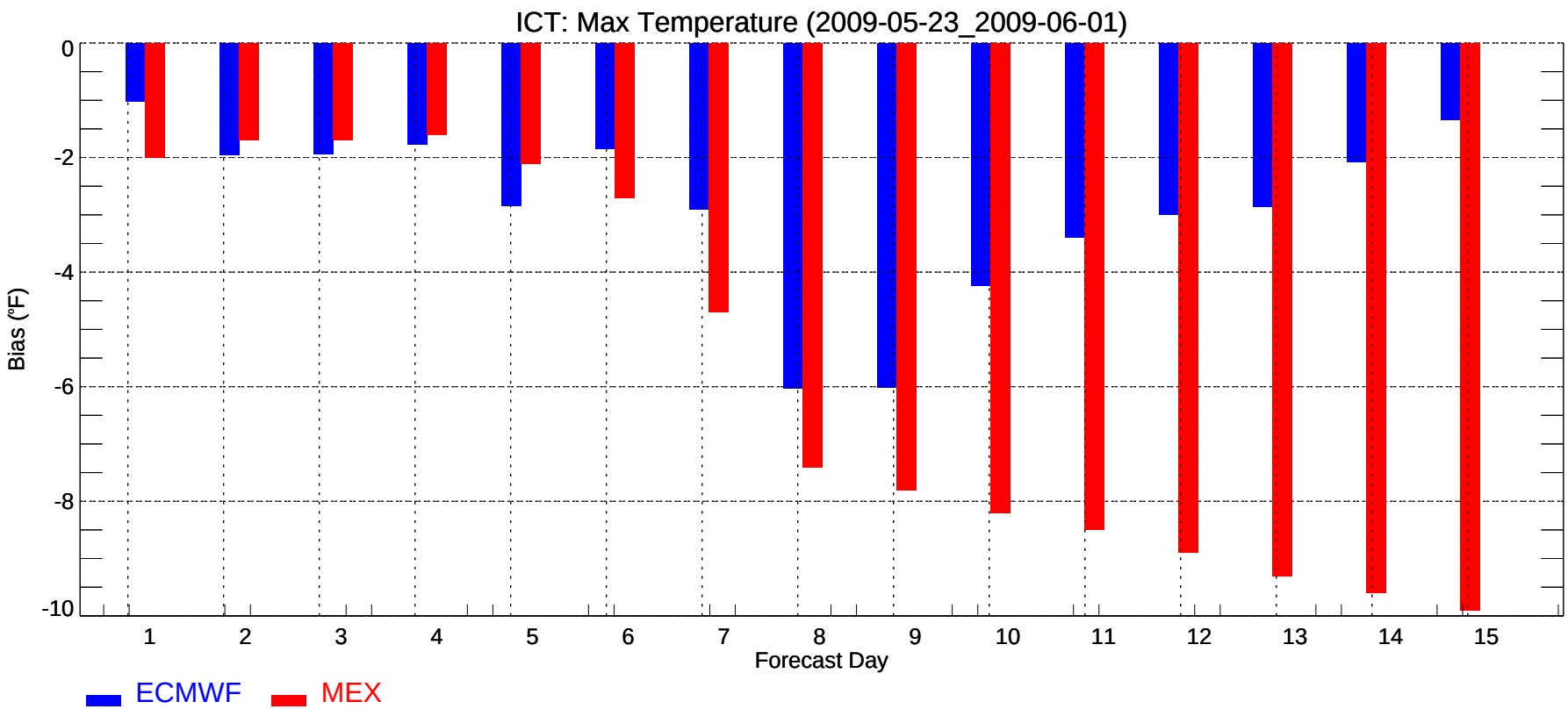
13
14
15
Forecast Day
ECMWF
MEX


ICT: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
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12
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14
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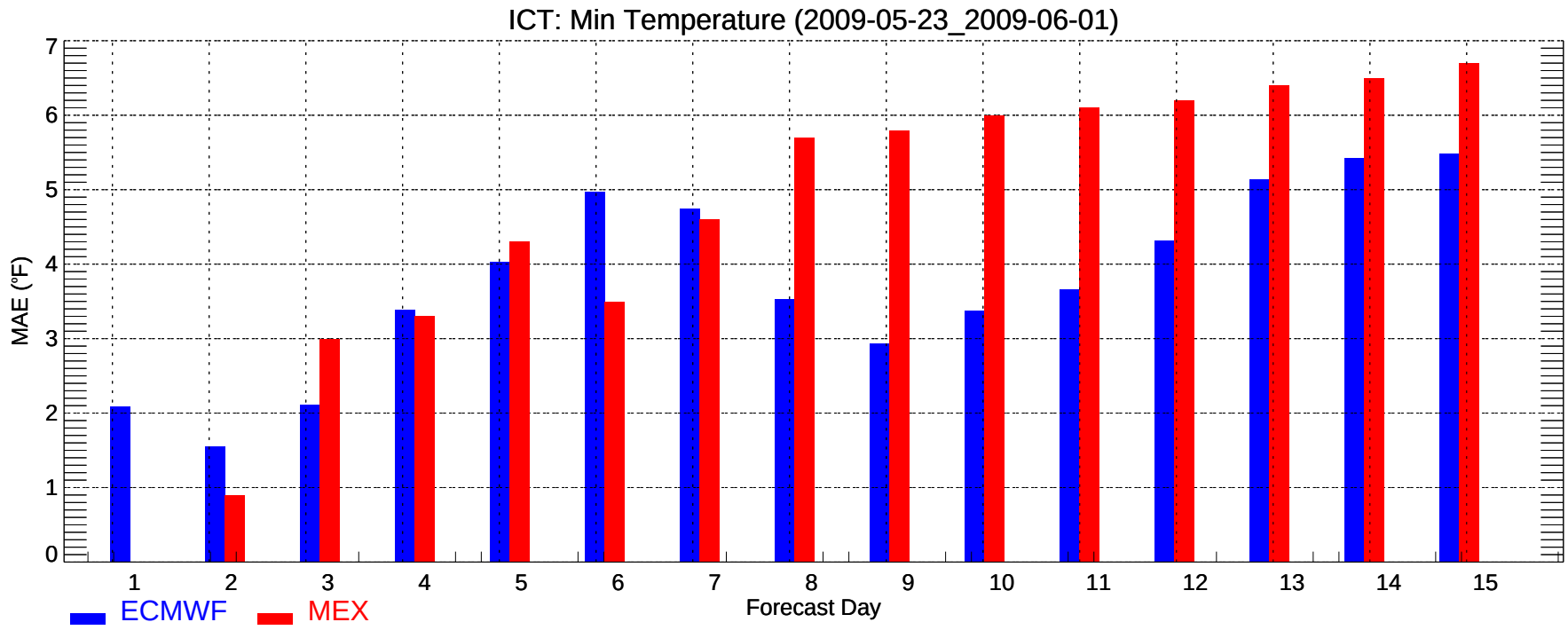
Forecast Day
ECMWF
MEX


ICT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
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5
6
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1
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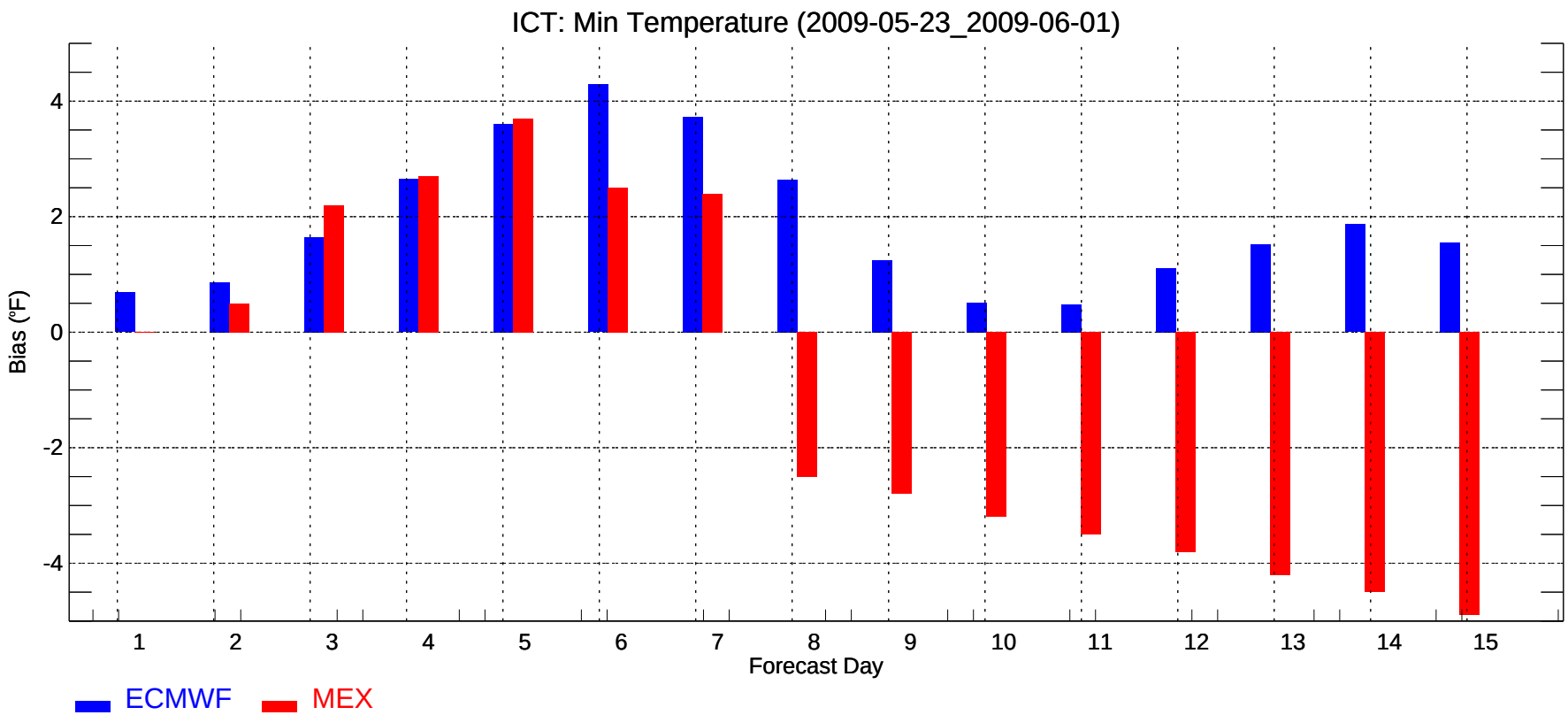
Forecast Day
ECMWF
MEX


ICT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
1
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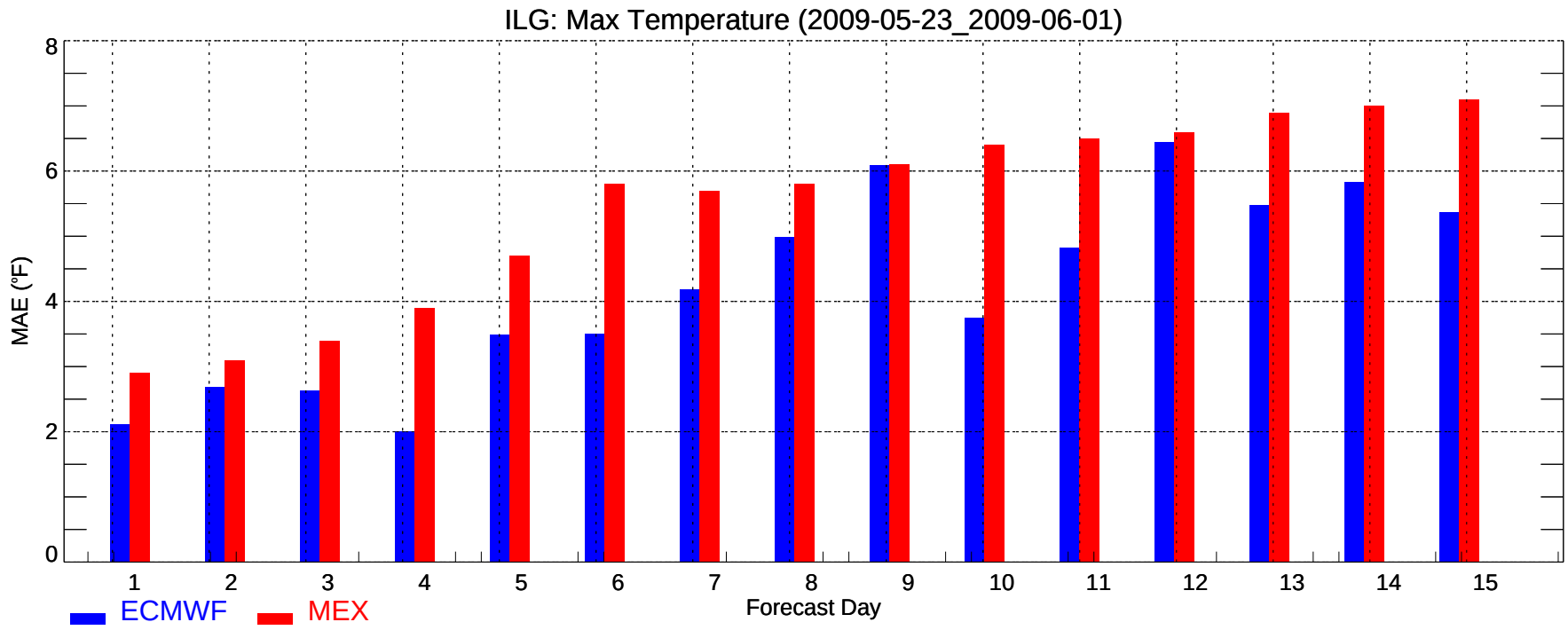
Forecast Day
ECMWF
MEX


ILG: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
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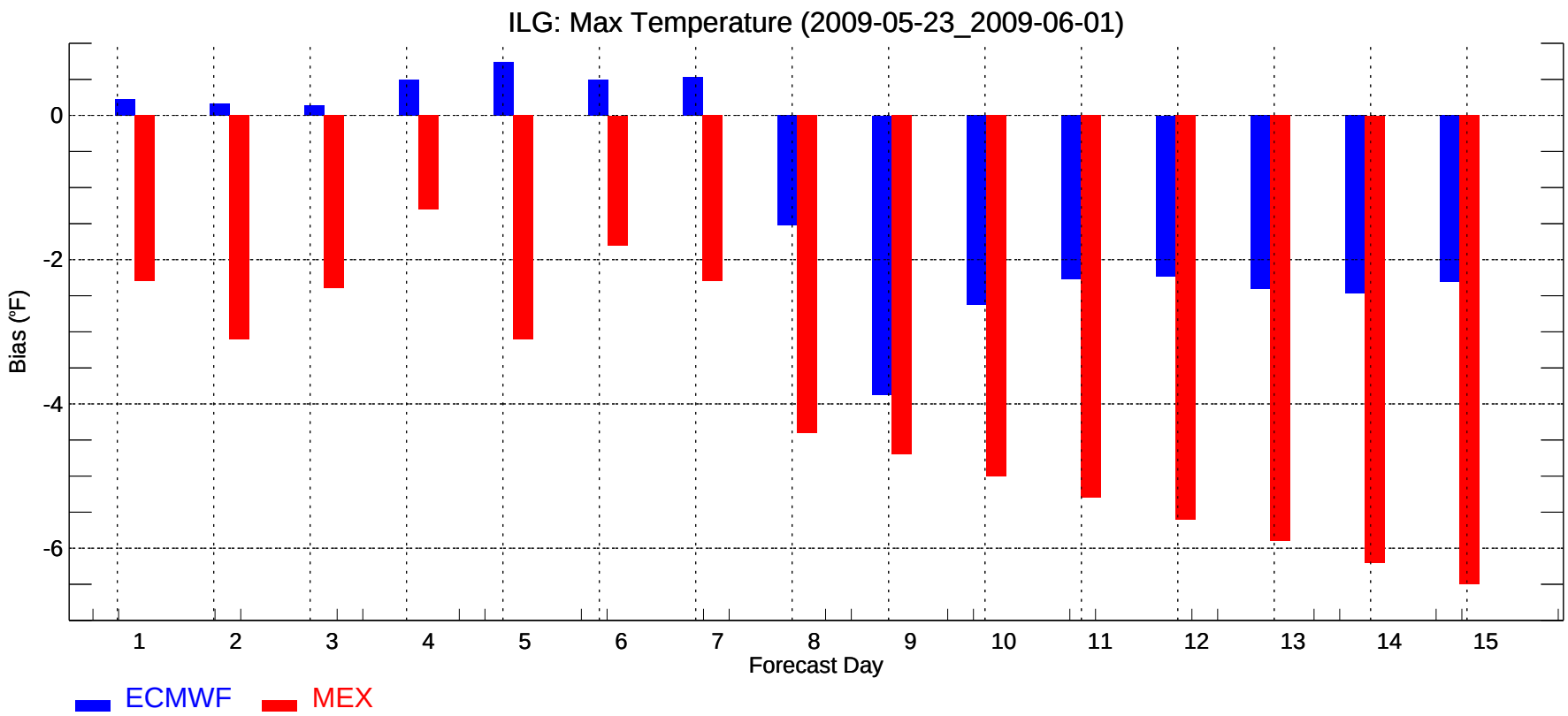
Forecast Day
ECMWF
MEX


ILG: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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-2
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-6
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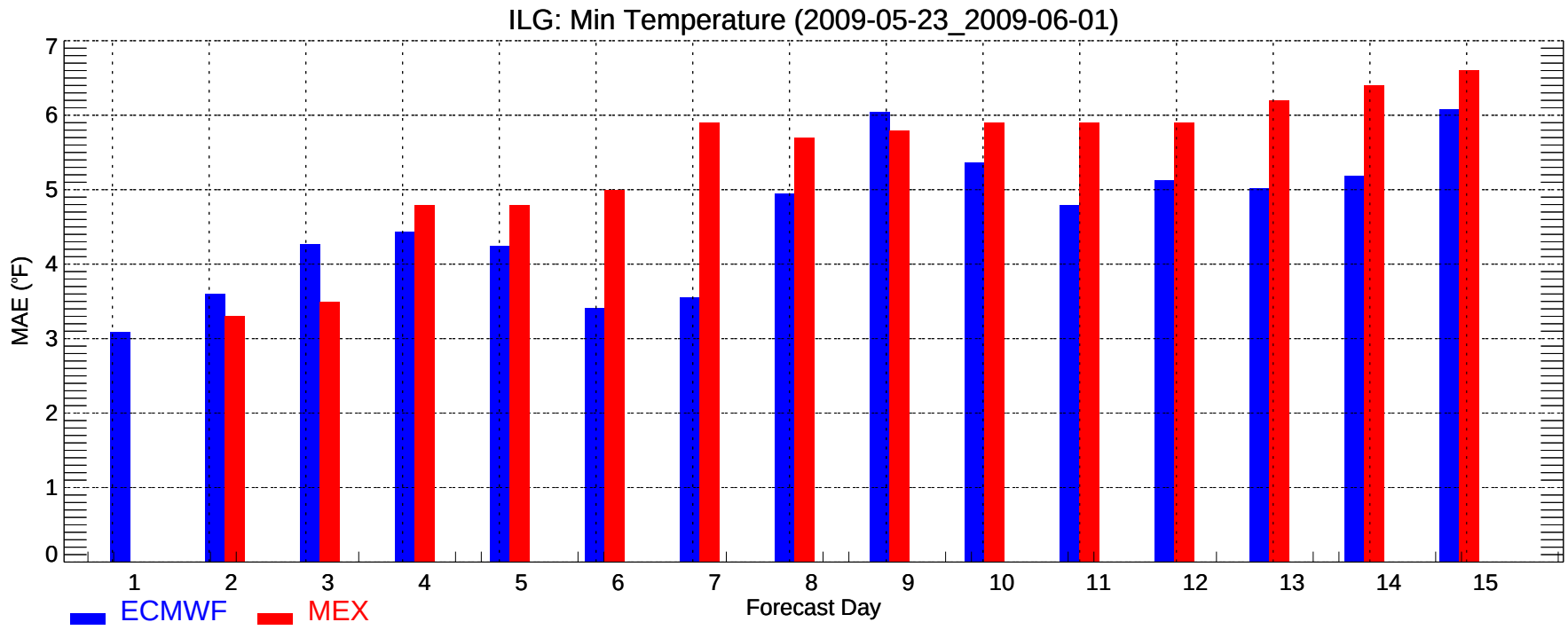
Forecast Day
ECMWF
MEX


ILG: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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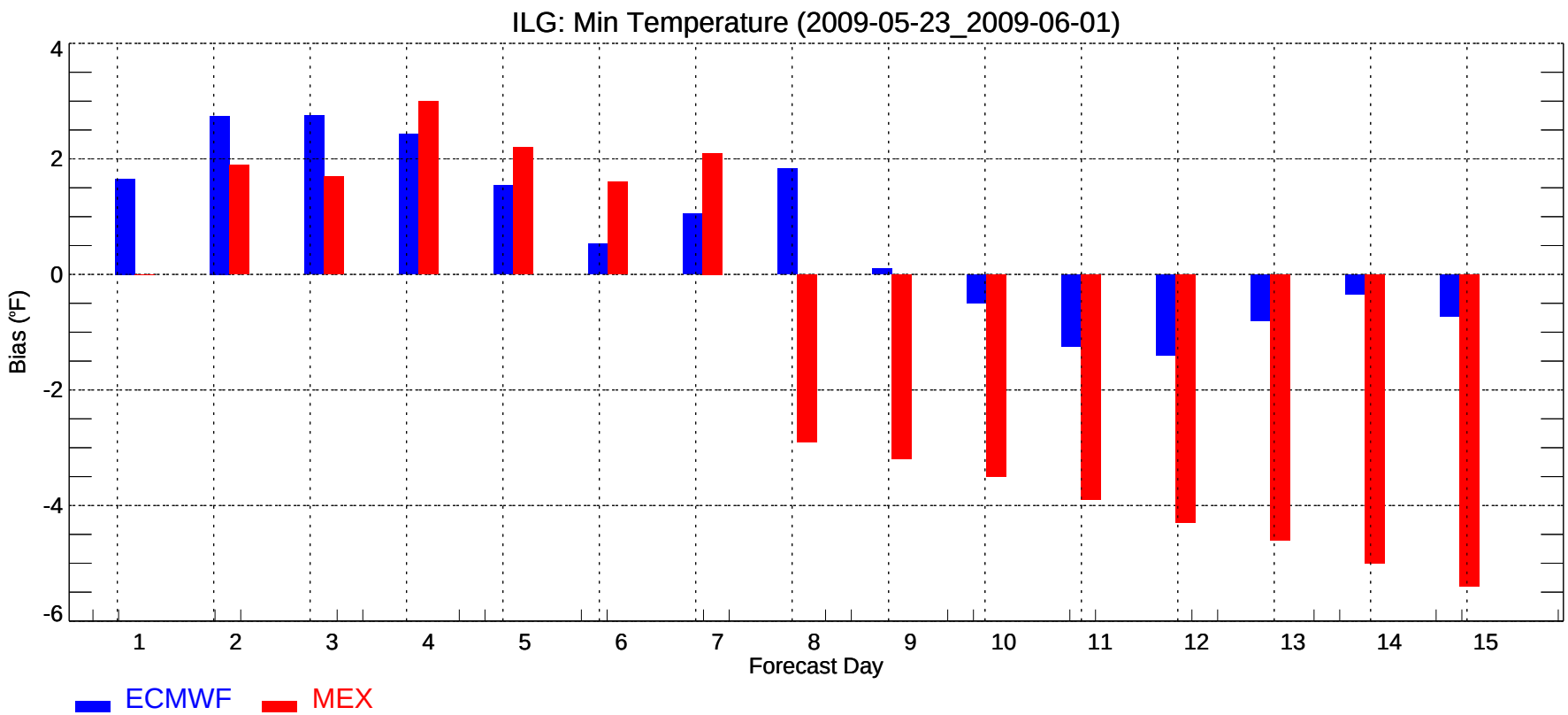
Forecast Day
ECMWF
MEX


ILG: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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-2
-4
-6
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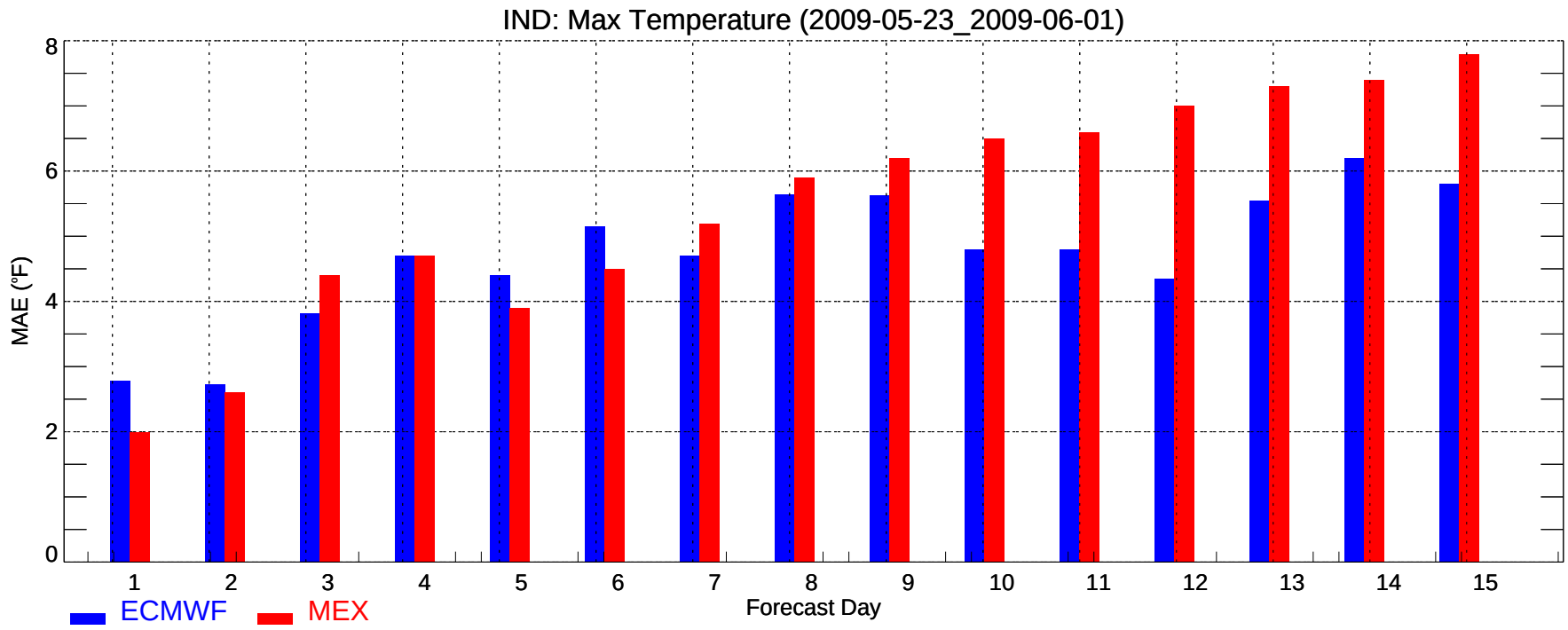
Forecast Day
ECMWF
MEX


IND: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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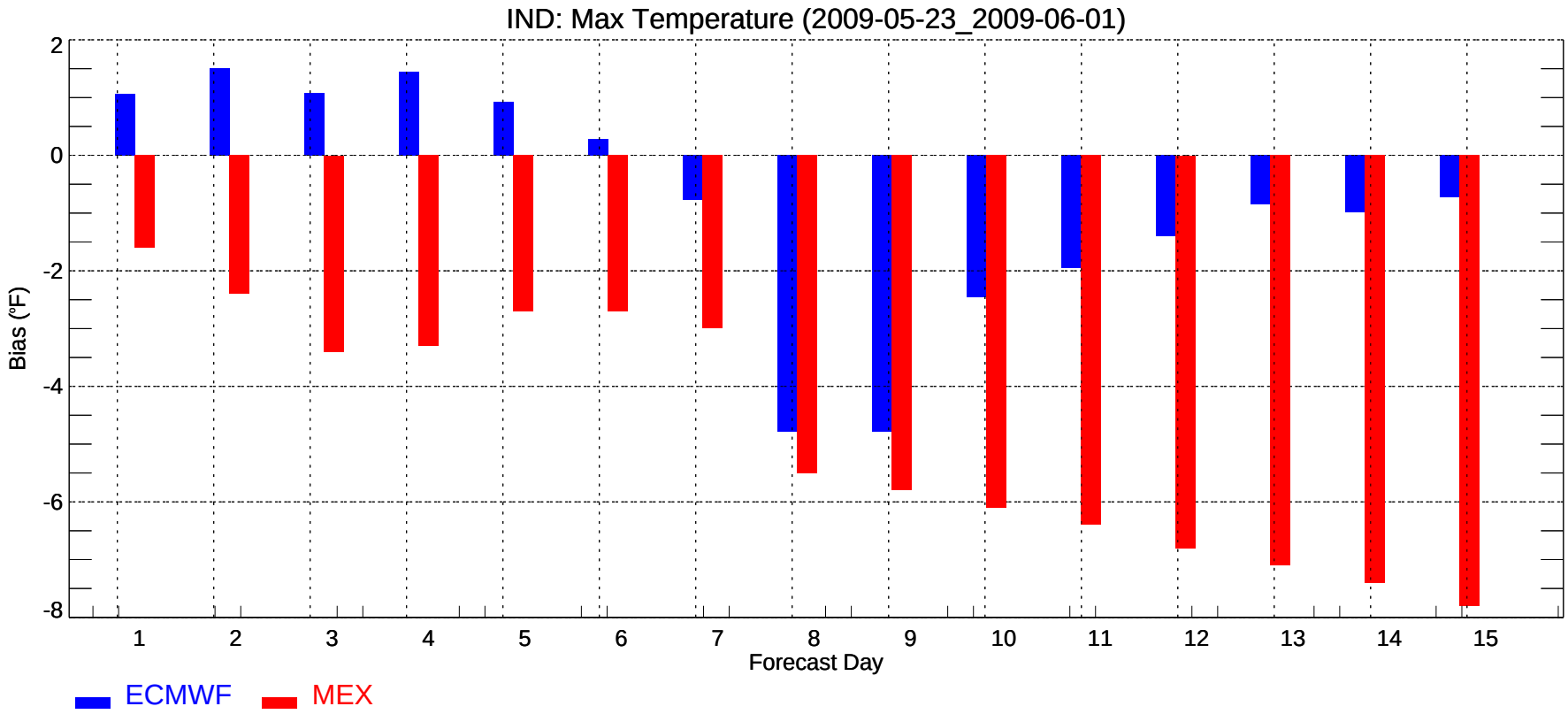
Forecast Day
ECMWF
MEX


IND: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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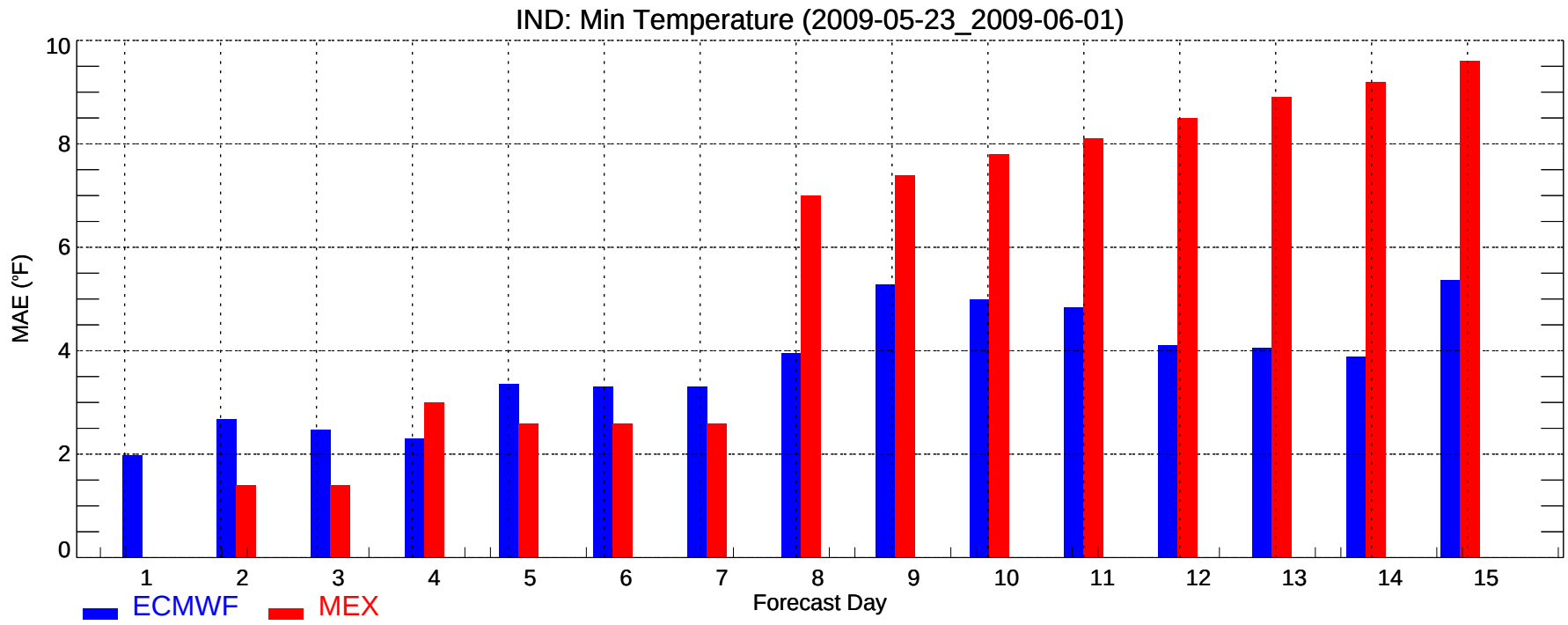
Forecast Day
ECMWF
MEX


IND: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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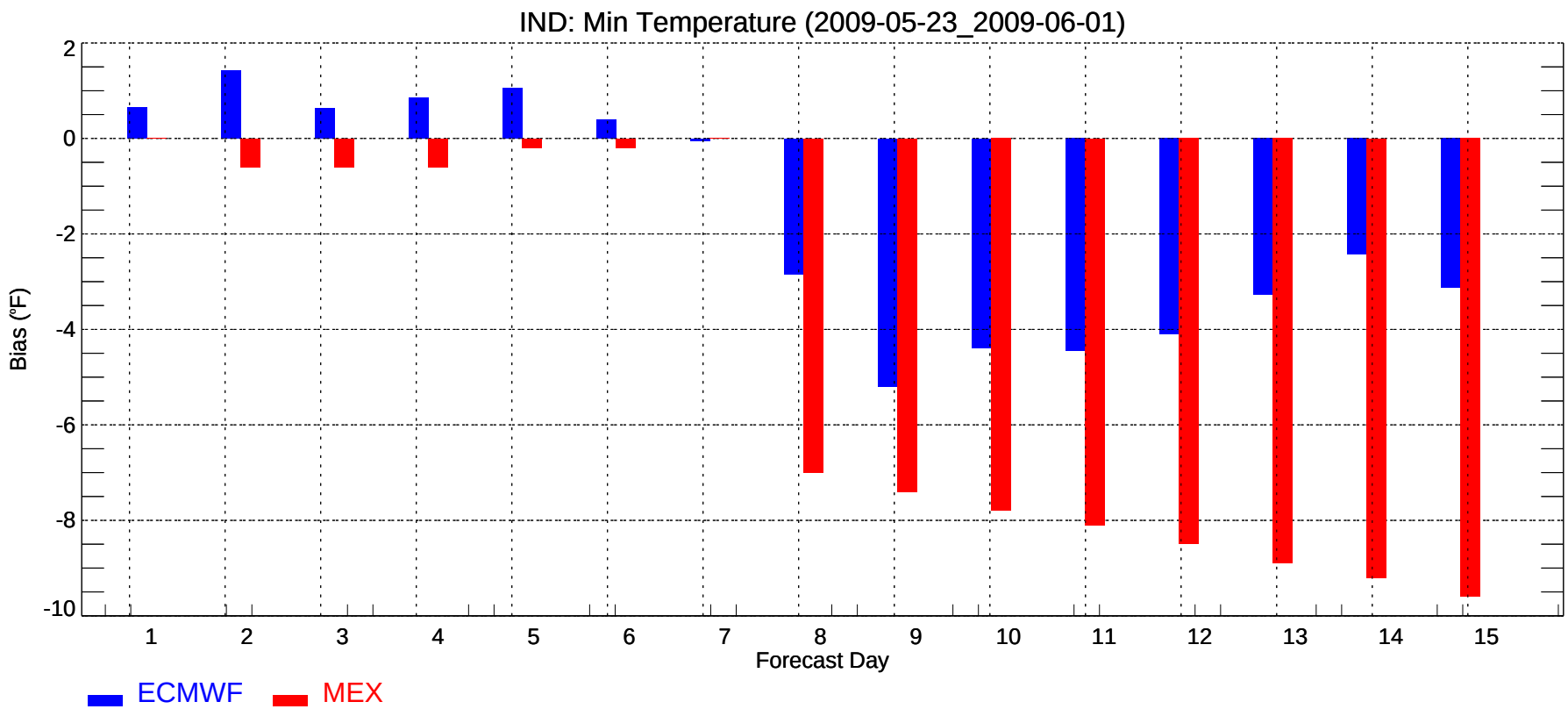
Forecast Day
ECMWF
MEX


IND: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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-10
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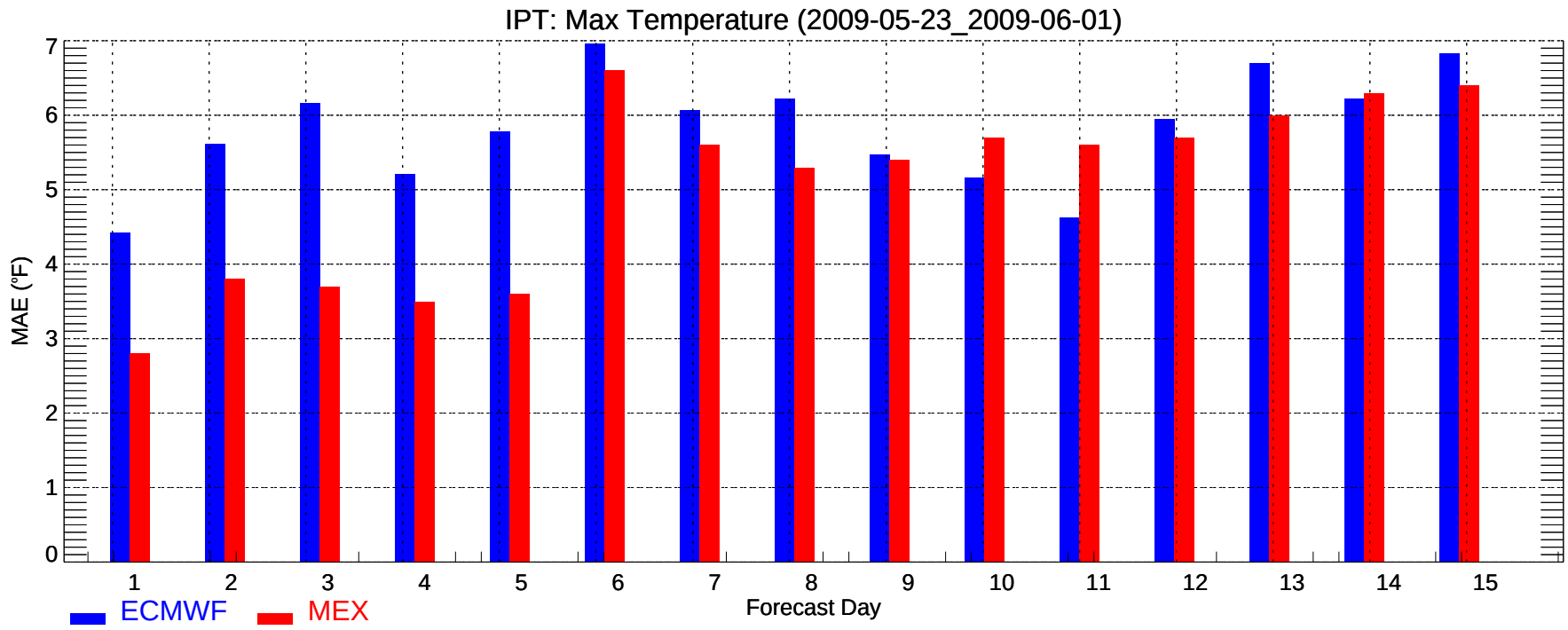
Forecast Day
ECMWF
MEX


IPT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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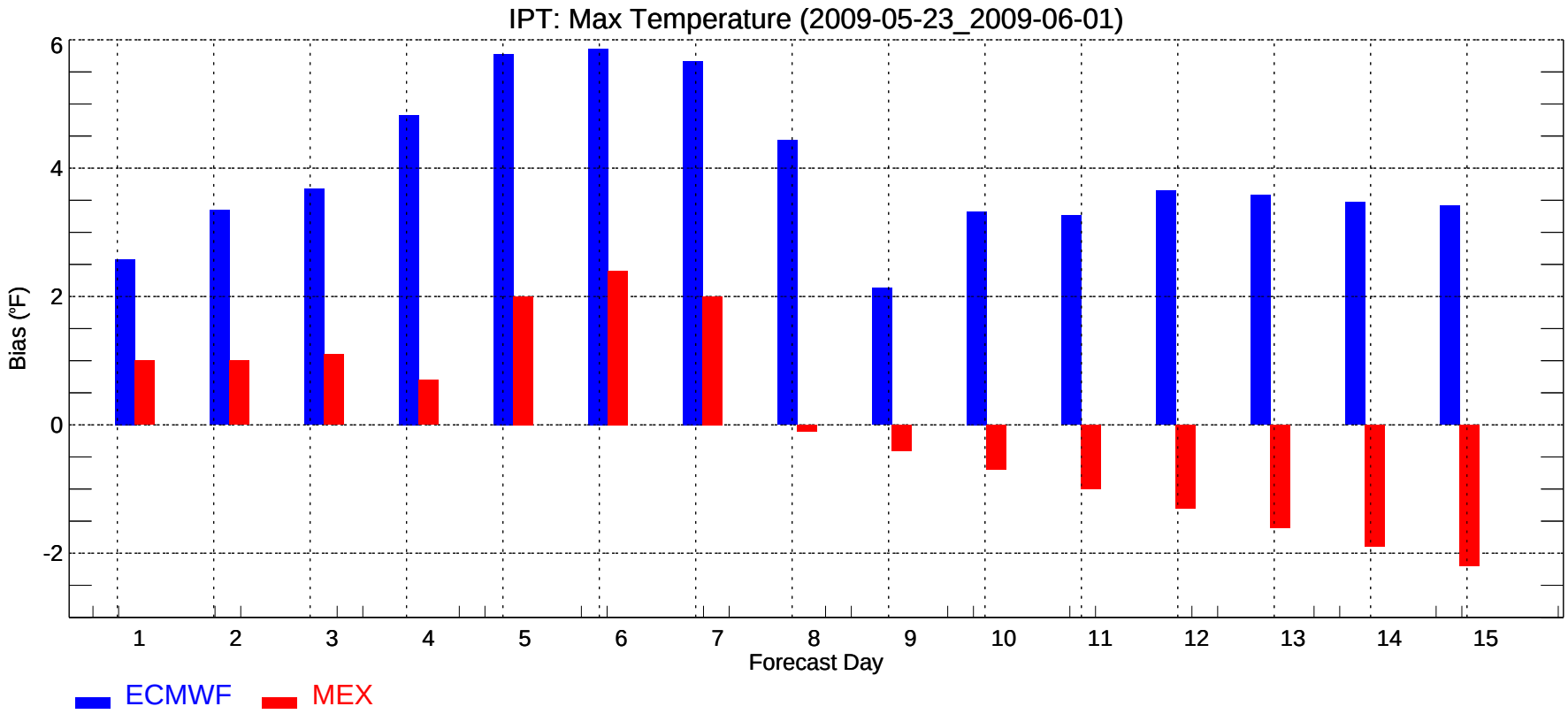
Forecast Day
ECMWF
MEX


IPT: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
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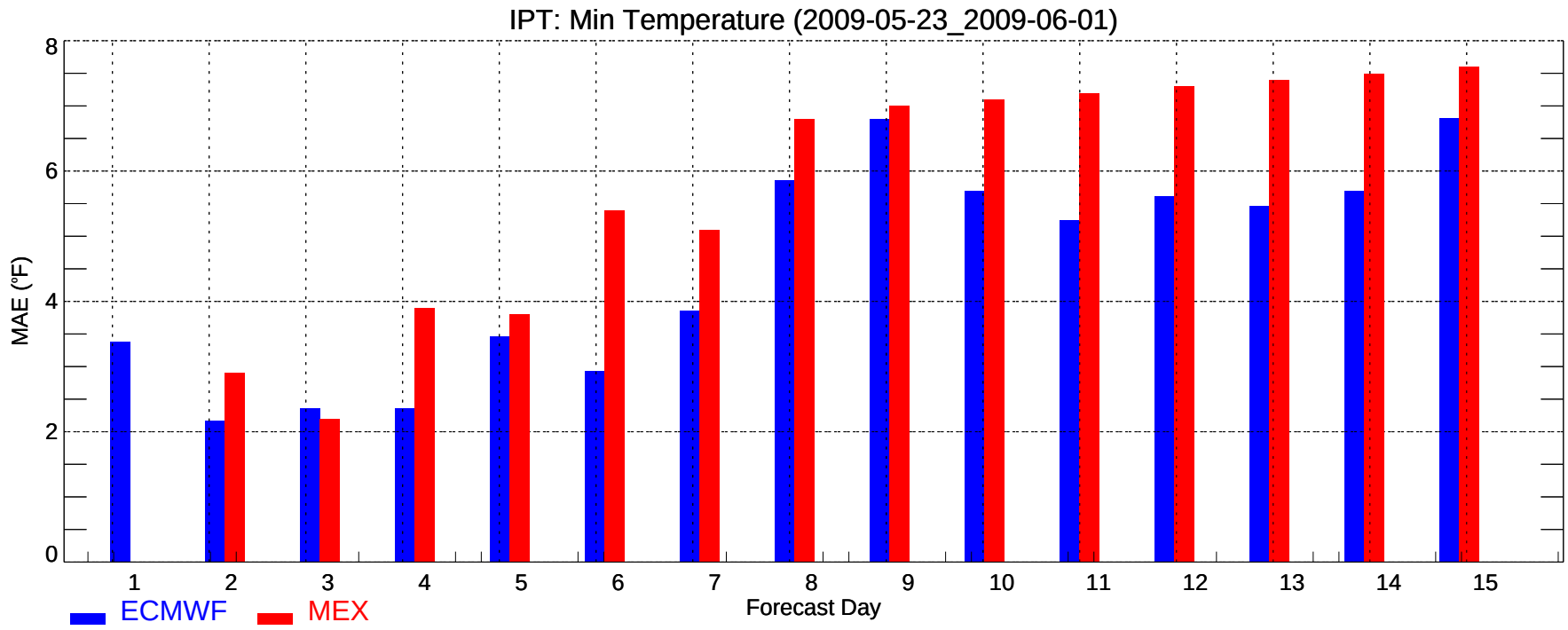
Forecast Day
ECMWF
MEX


IPT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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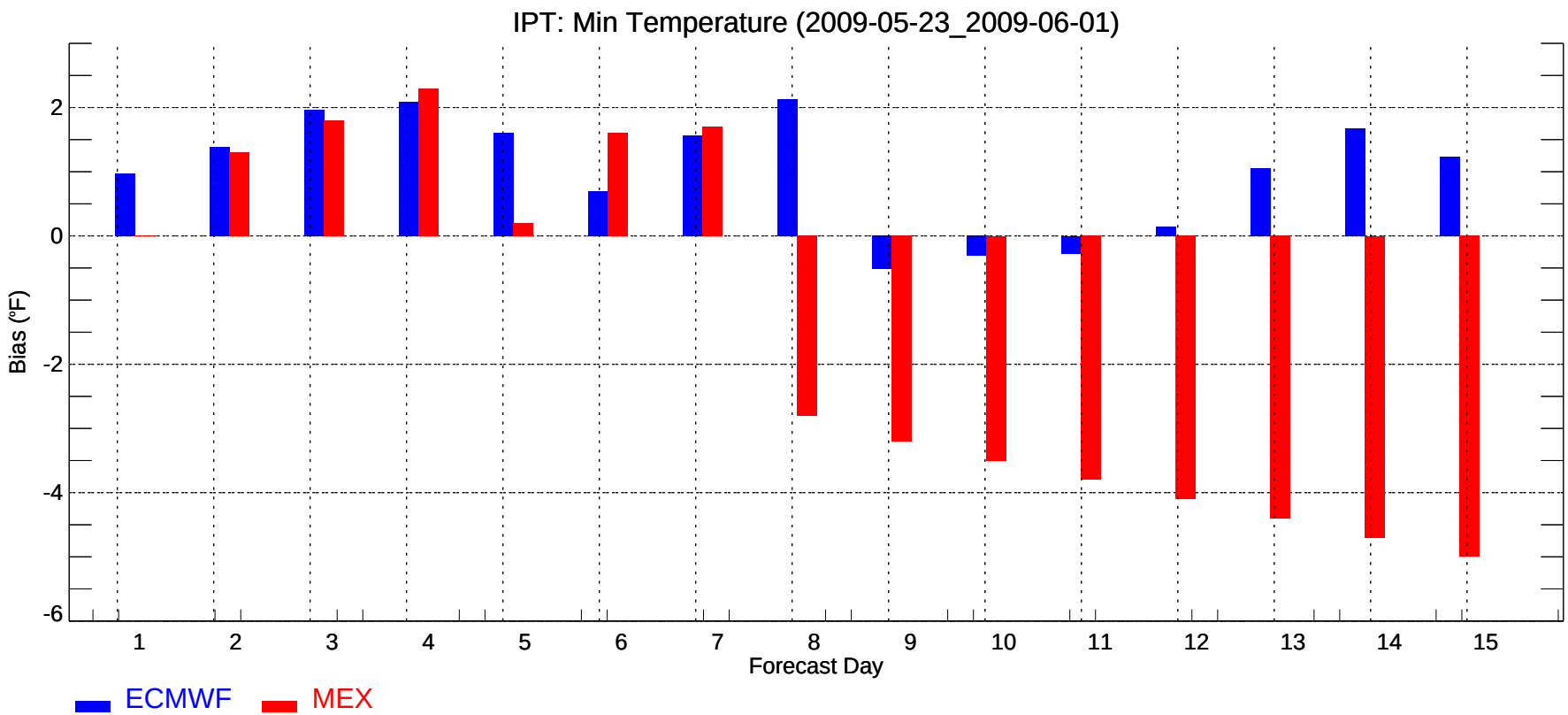
Forecast Day
ECMWF
MEX


IPT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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-2
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-6
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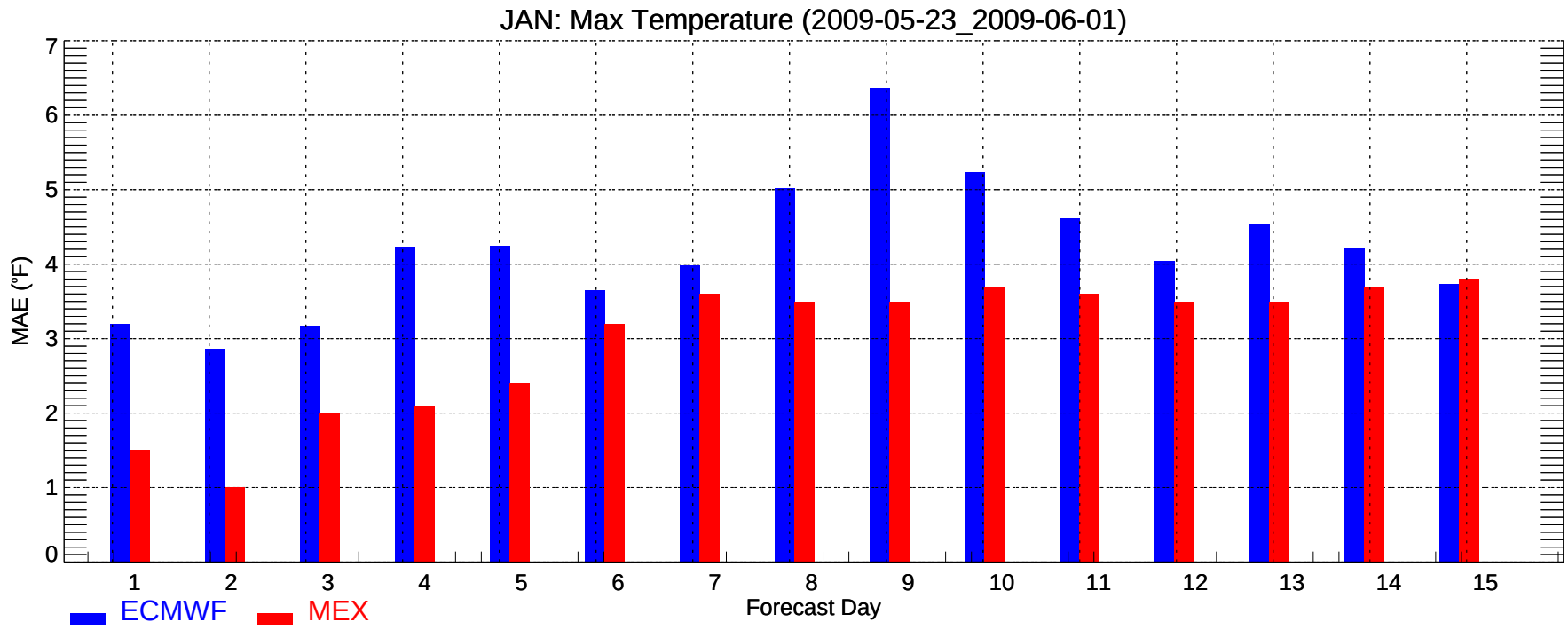
Forecast Day
ECMWF
MEX


JAN: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
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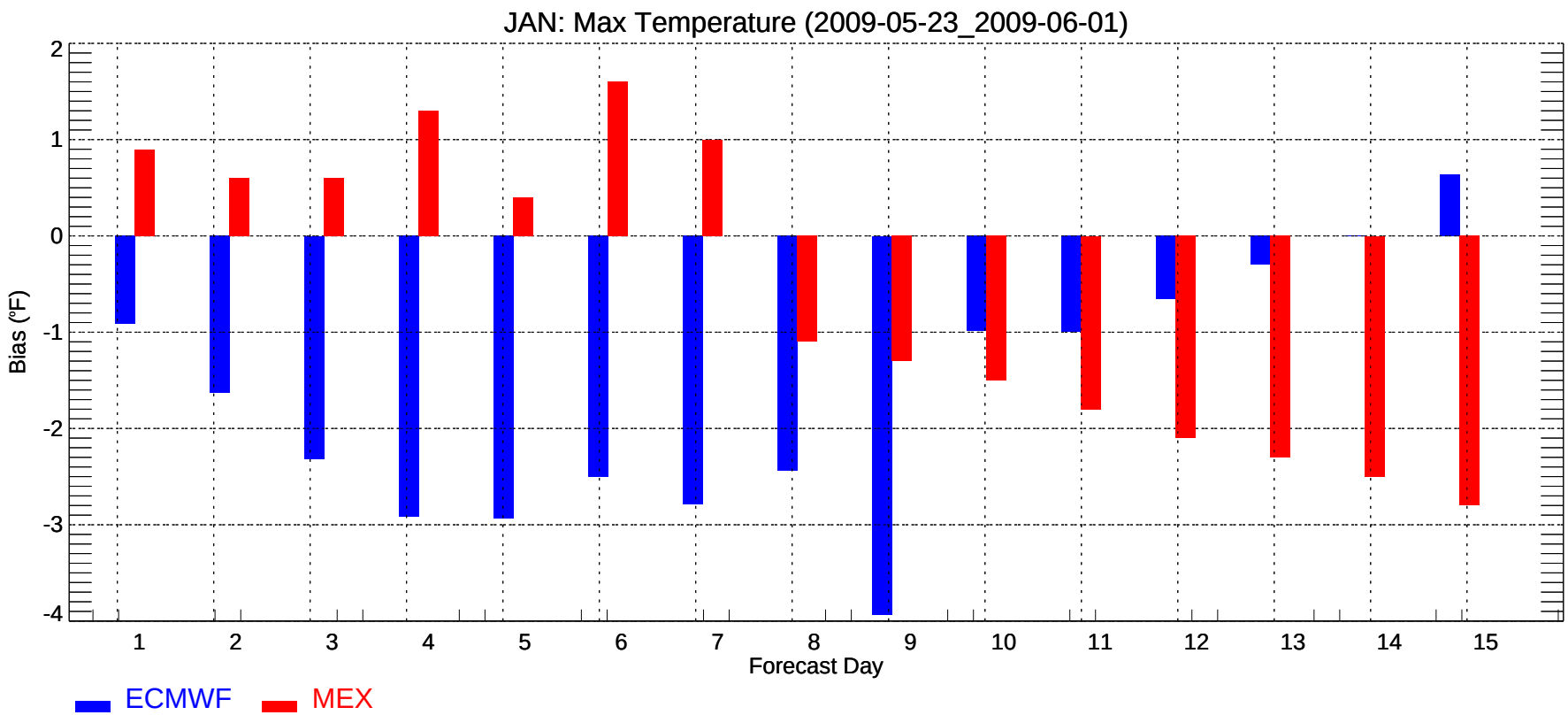
Forecast Day
ECMWF
MEX


JAN: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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1
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-1
-2
-3
-4
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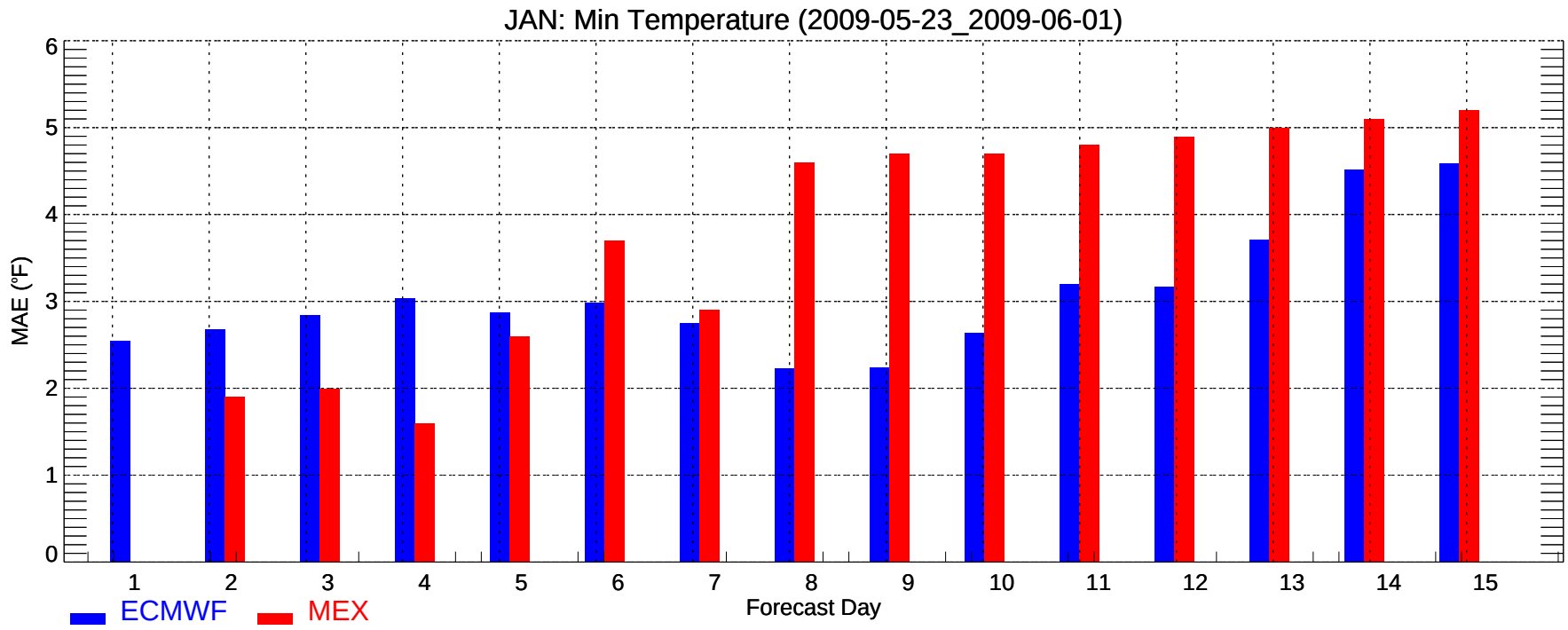
Forecast Day
ECMWF
MEX


JAN: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
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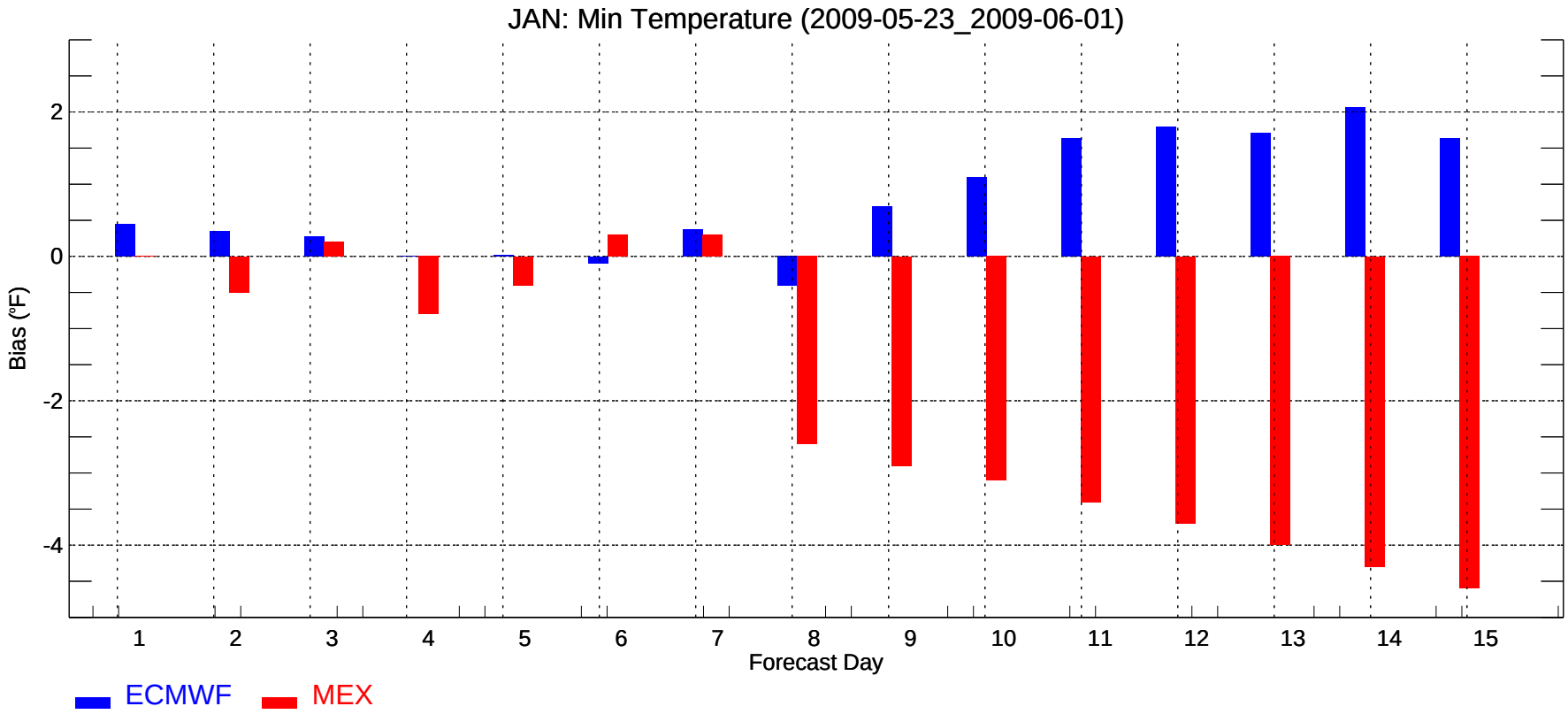
Forecast Day
ECMWF
MEX


JAN: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
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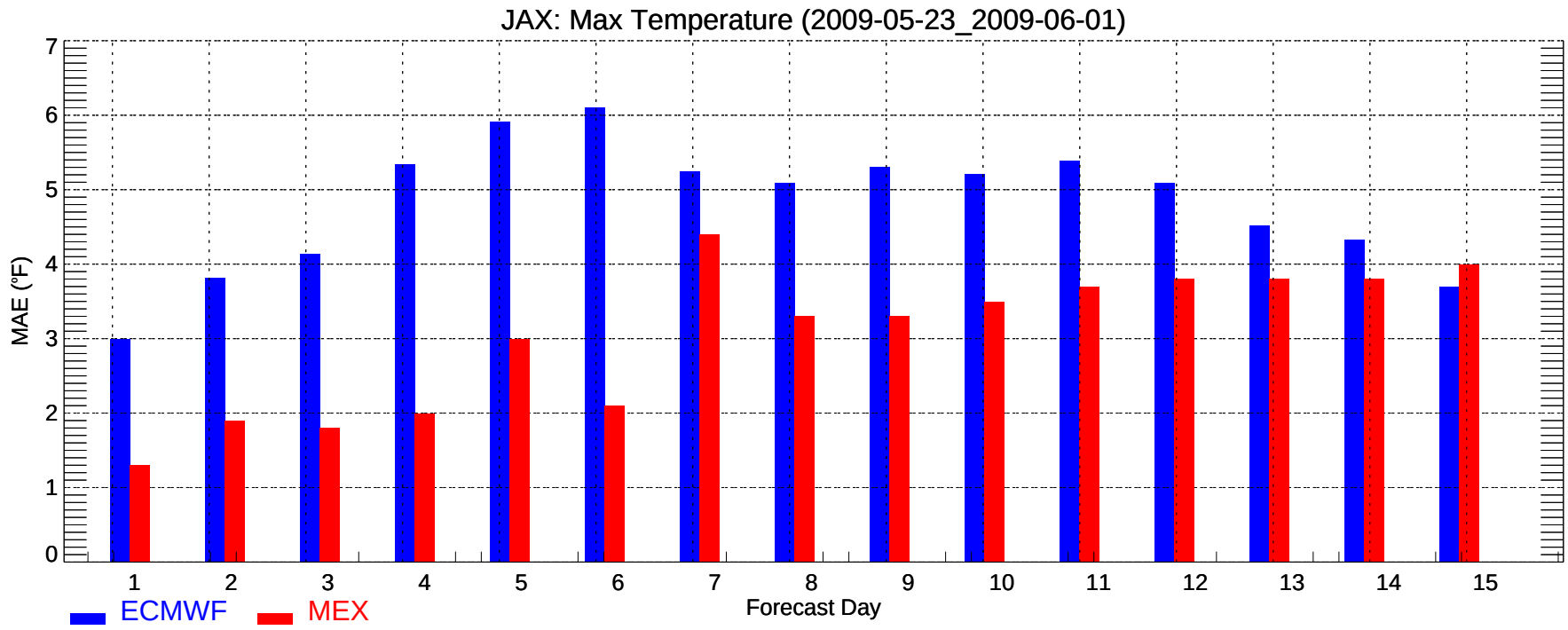
Forecast Day
ECMWF
MEX


JAX: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
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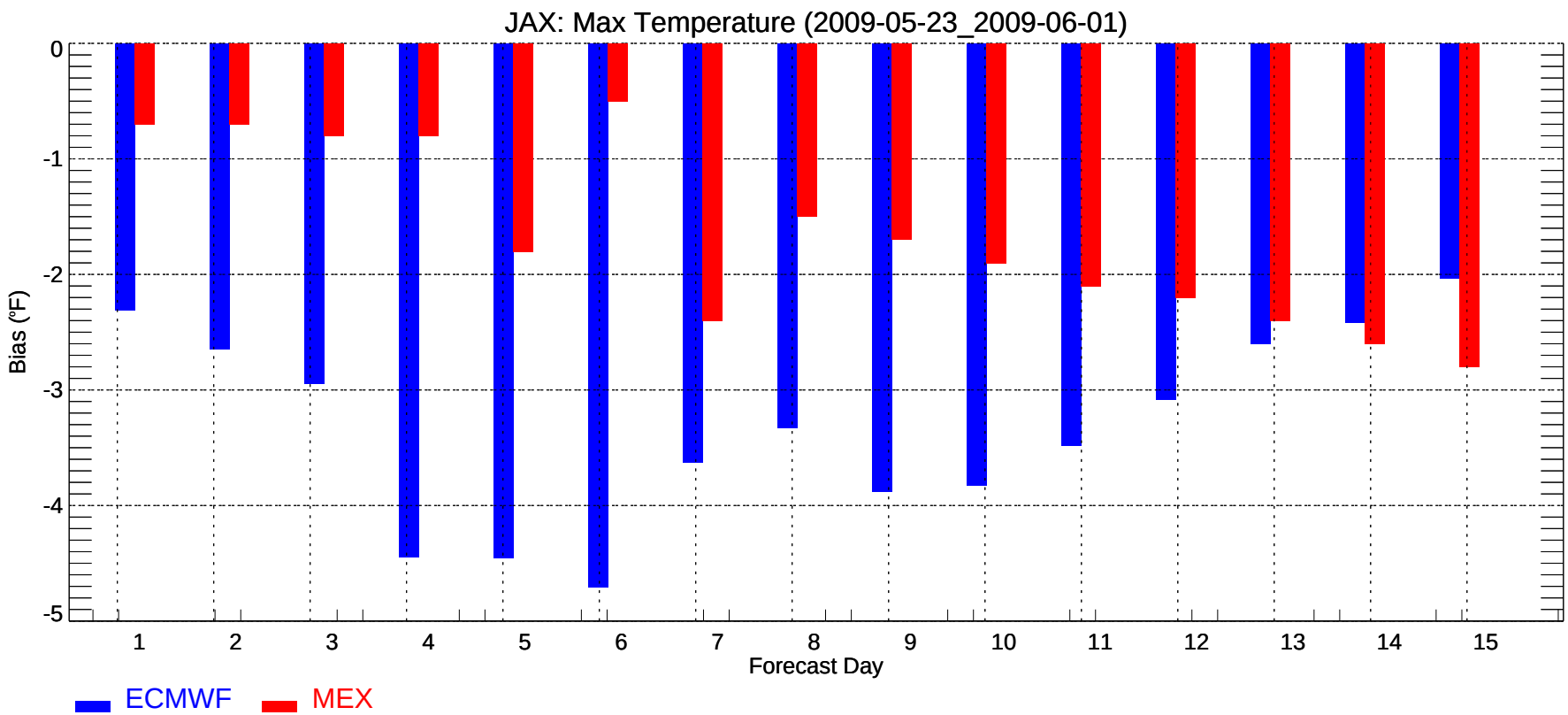
Forecast Day
ECMWF
MEX


JAX: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-1
-2
-3
-4
-5
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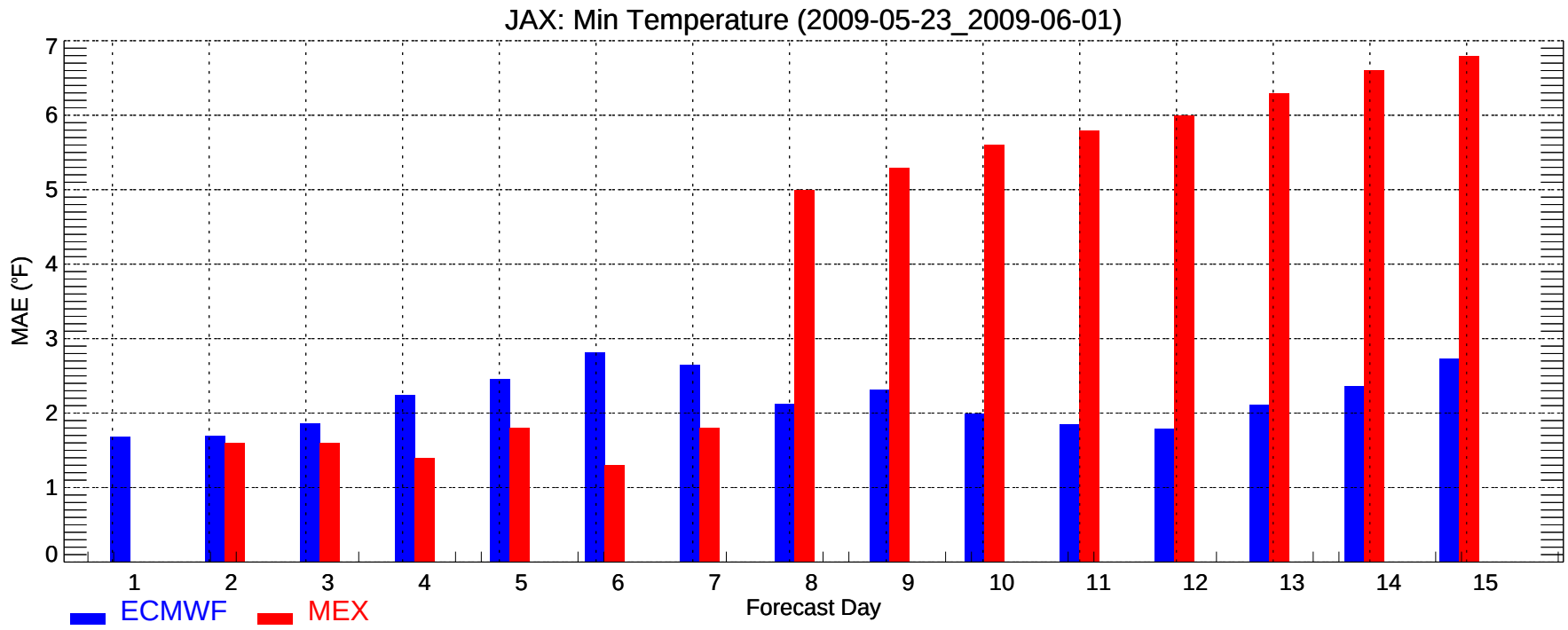
Forecast Day
ECMWF
MEX


JAX: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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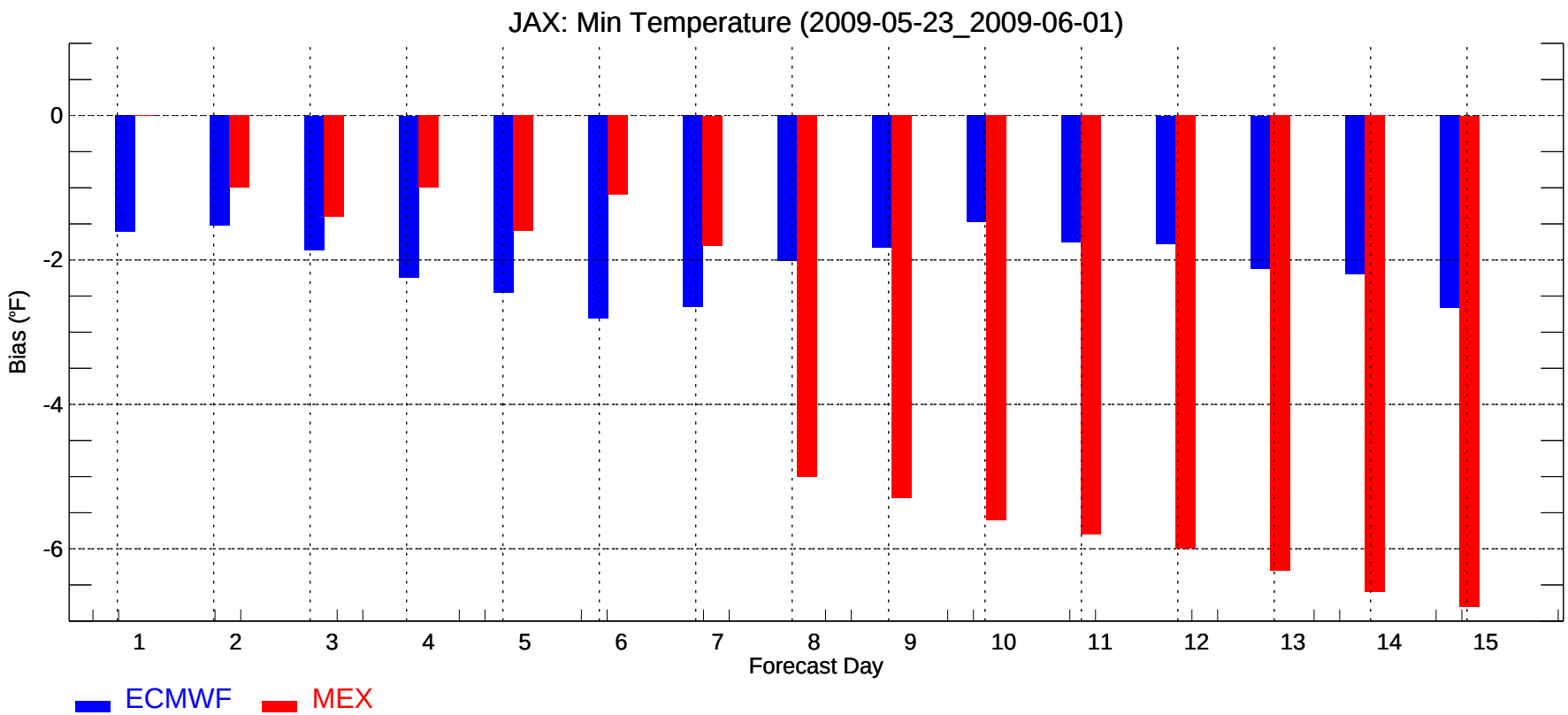
Forecast Day
ECMWF
MEX


JAX: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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-6
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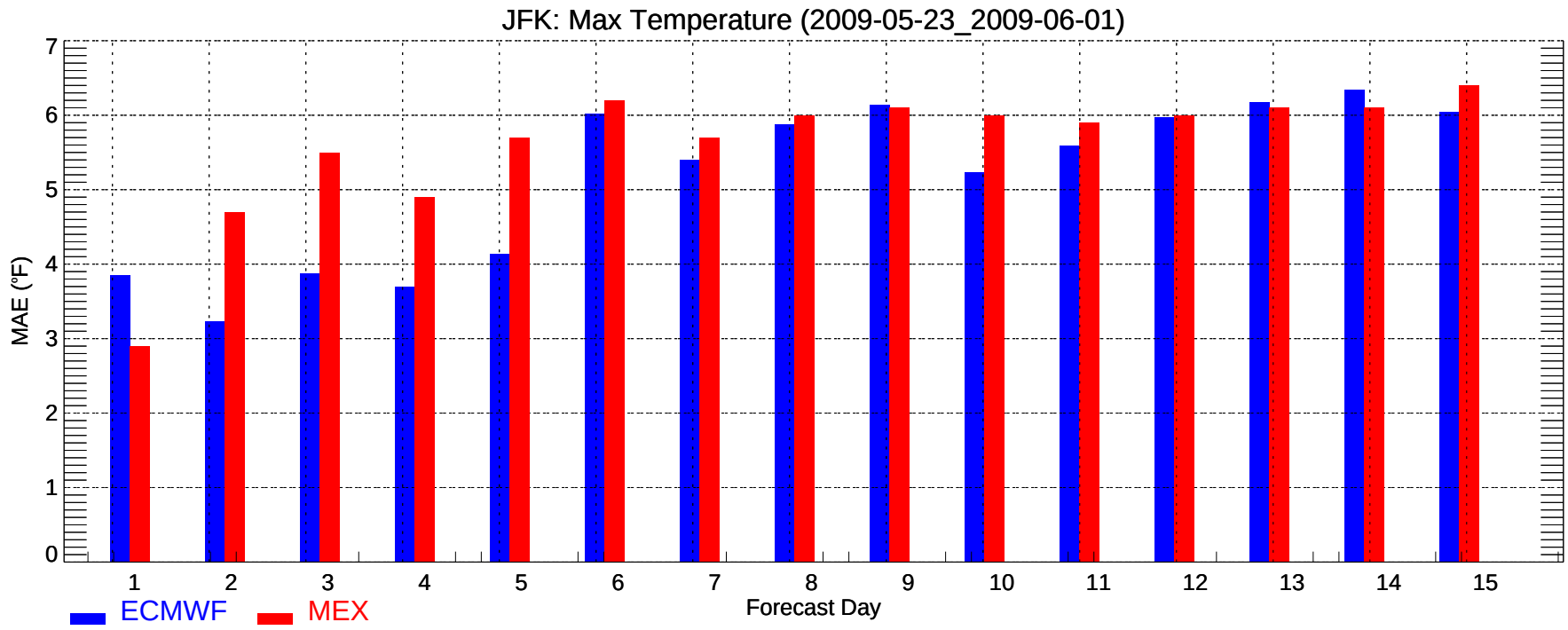
Forecast Day
ECMWF
MEX


JFK: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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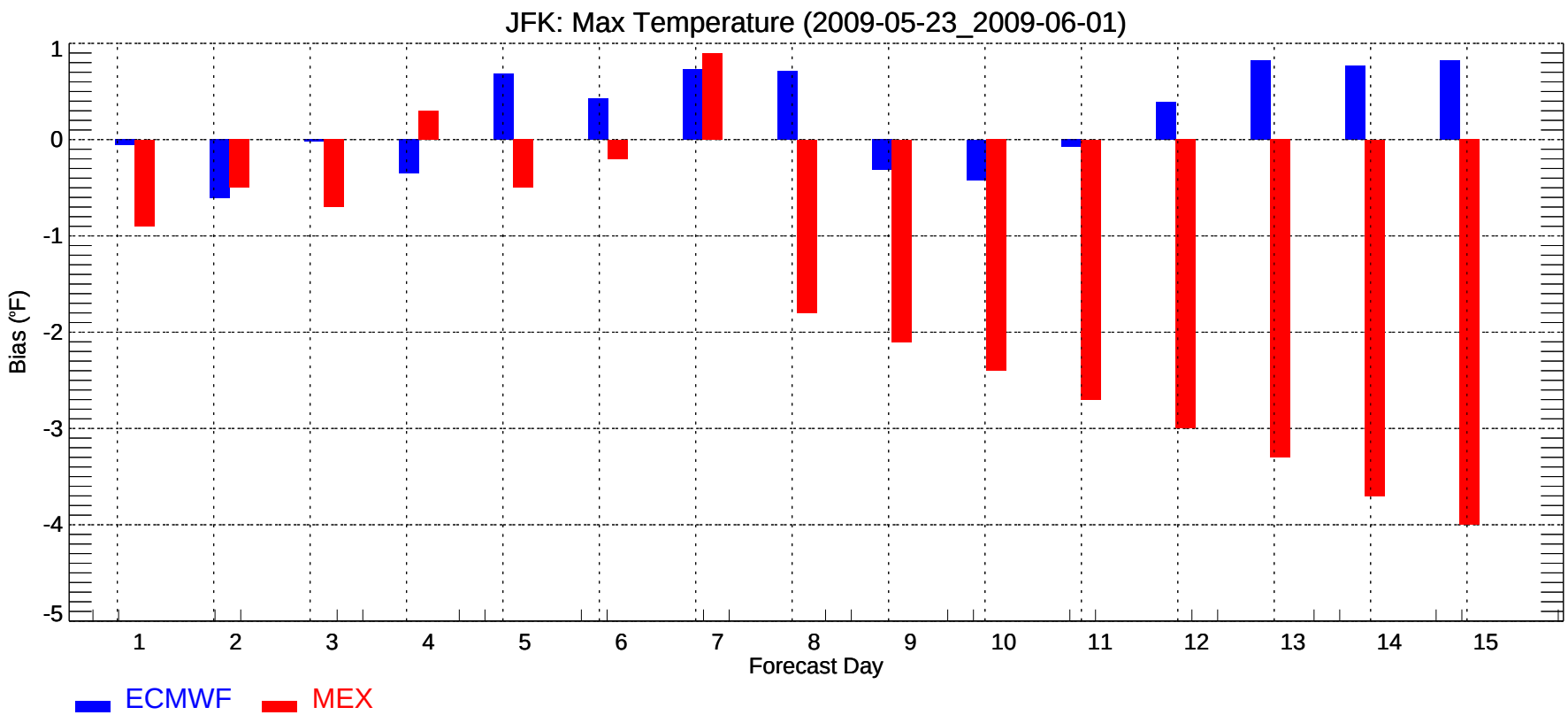
Forecast Day
ECMWF
MEX


JFK: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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-1
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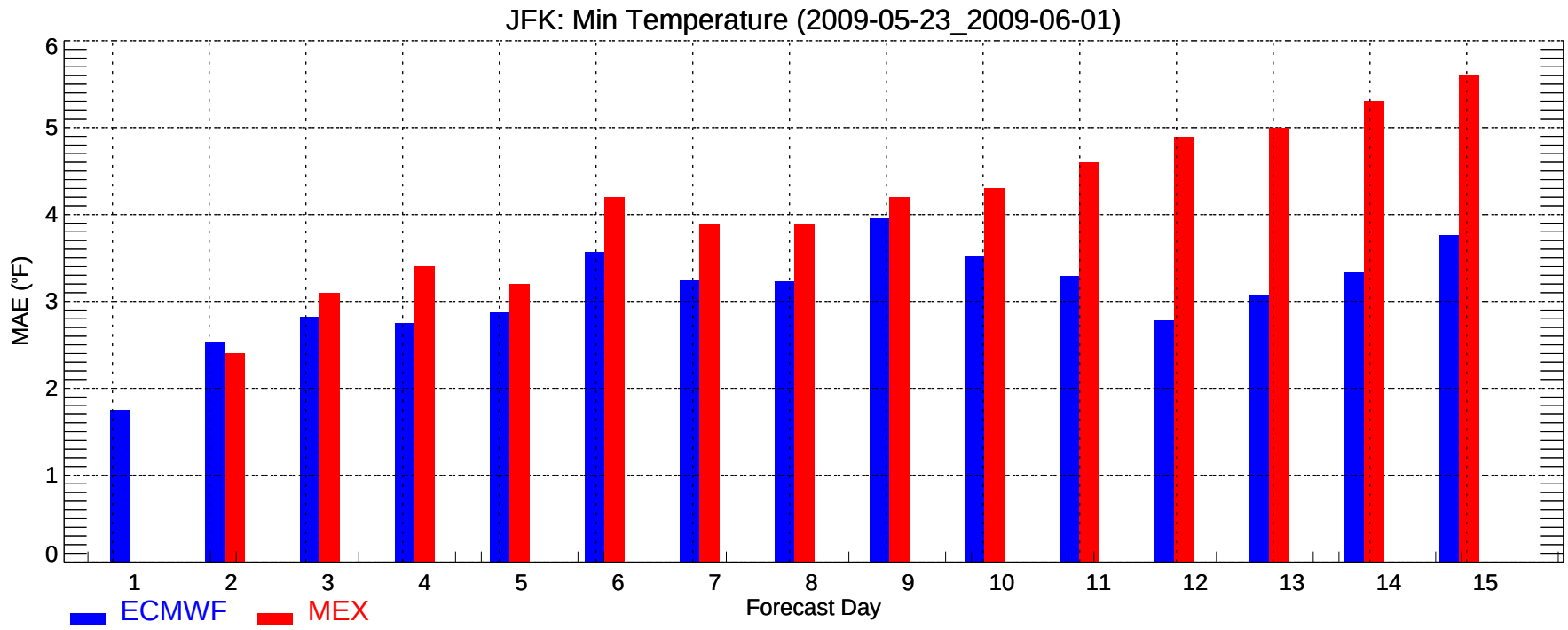
Forecast Day
ECMWF
MEX


JFK: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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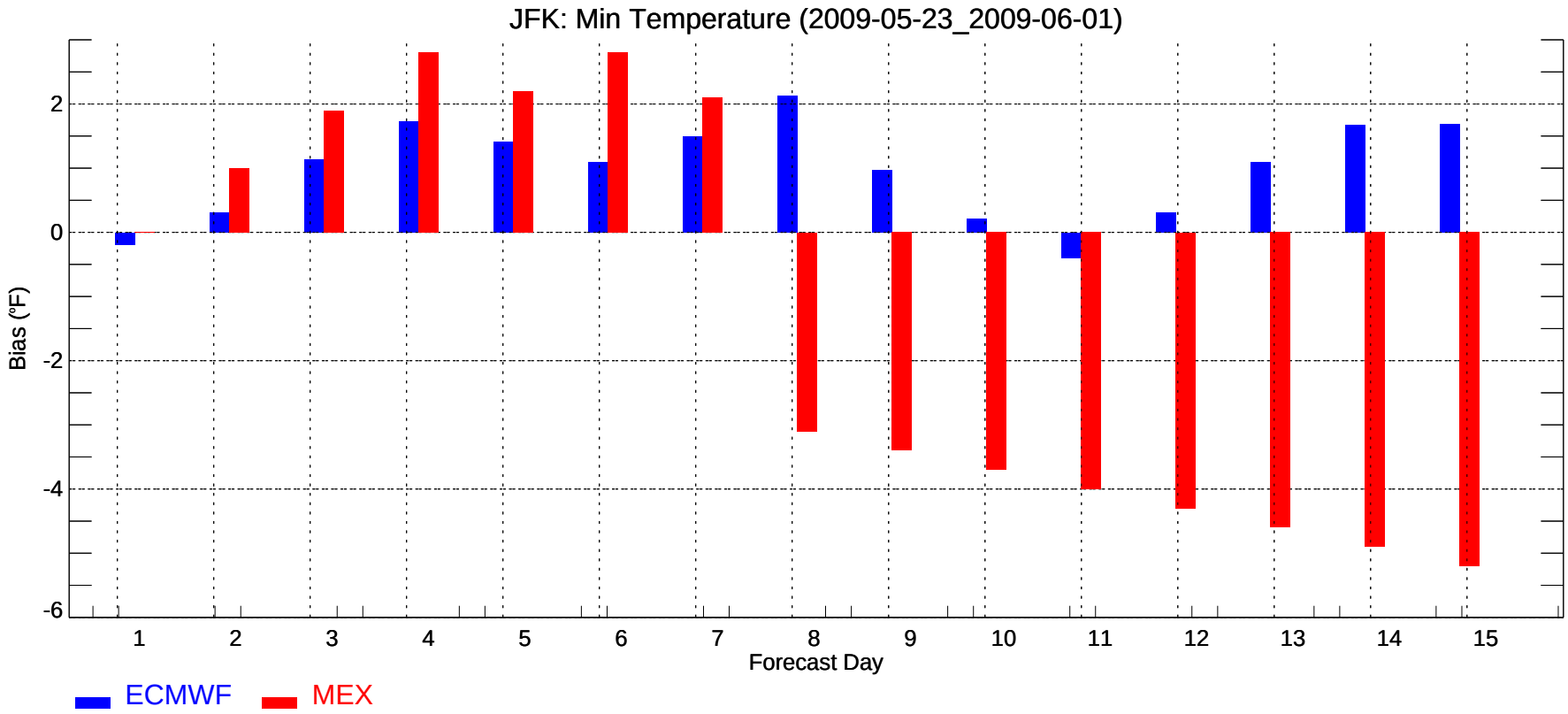
Forecast Day
ECMWF
MEX


JFK: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
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-2
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-6
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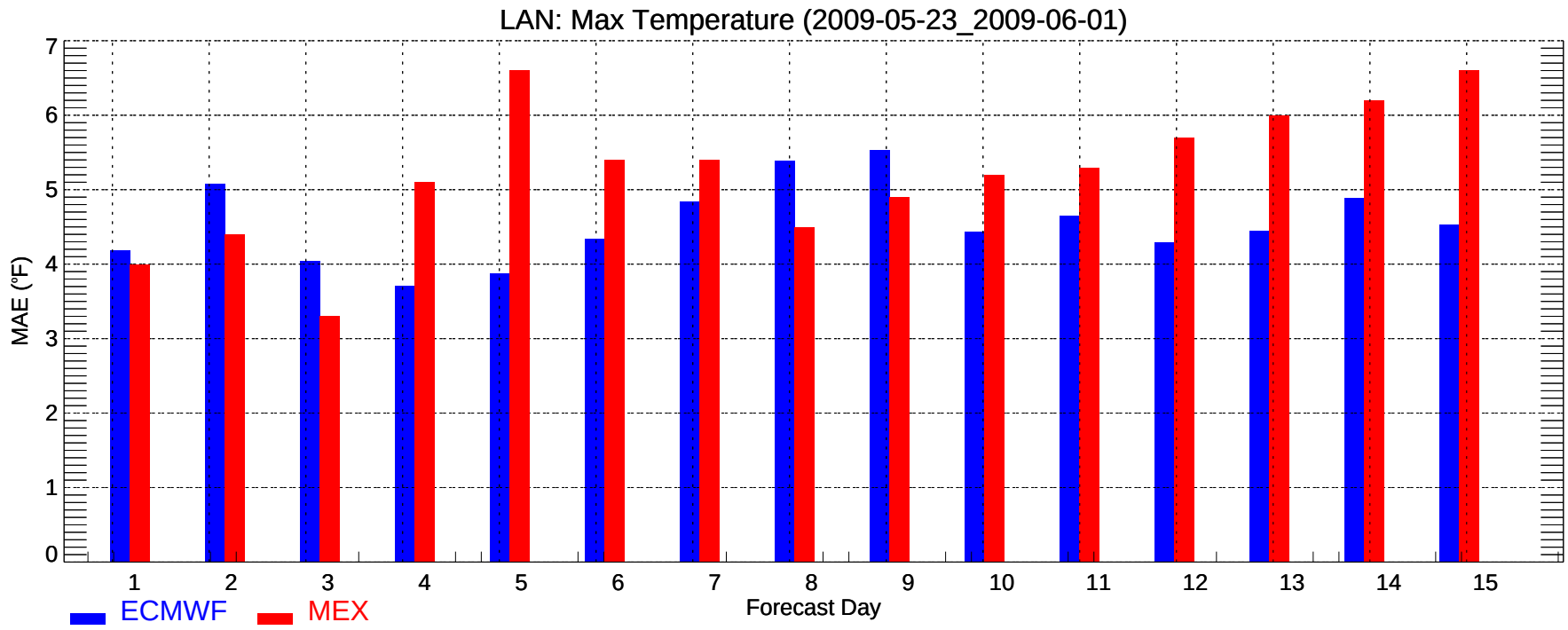
Forecast Day
ECMWF
MEX


LAN: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
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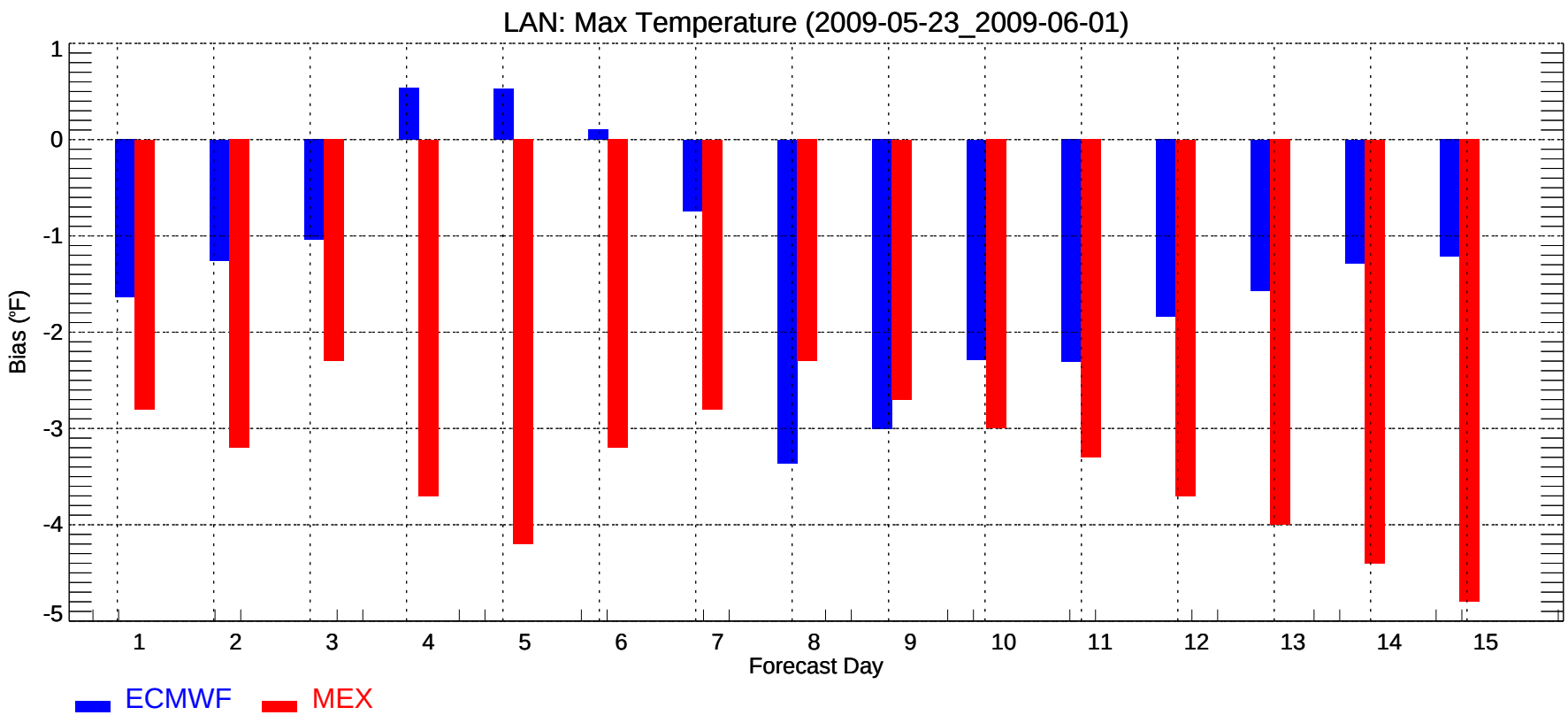
Forecast Day
ECMWF
MEX


LAN: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
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-1
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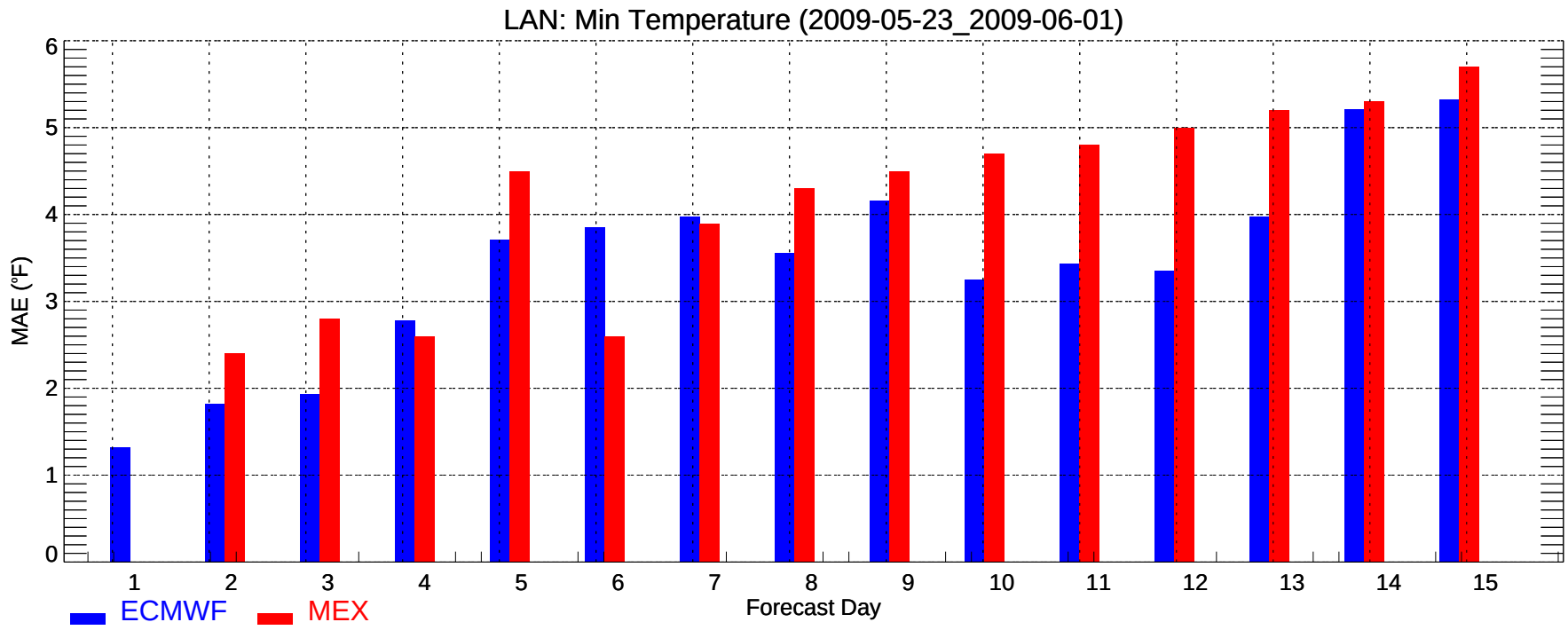
Forecast Day
ECMWF
MEX


LAN: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
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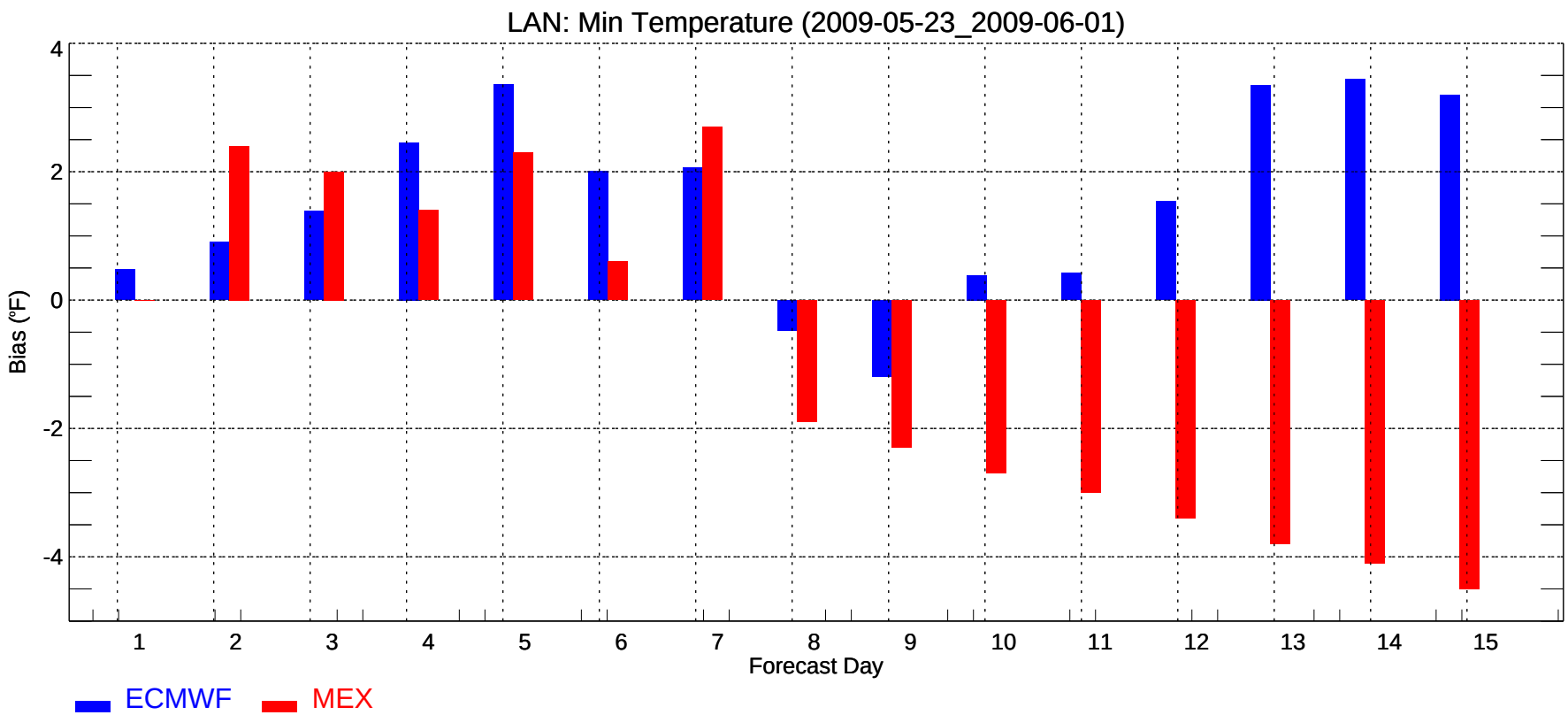
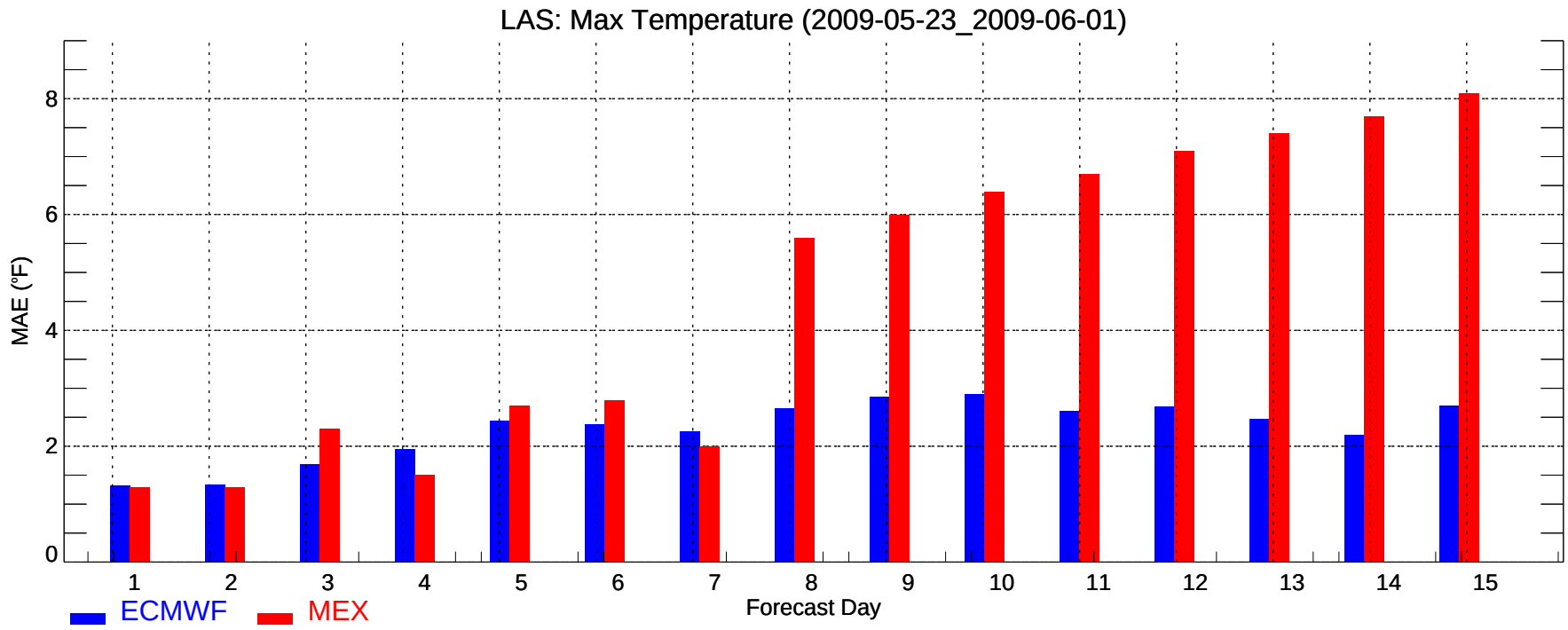
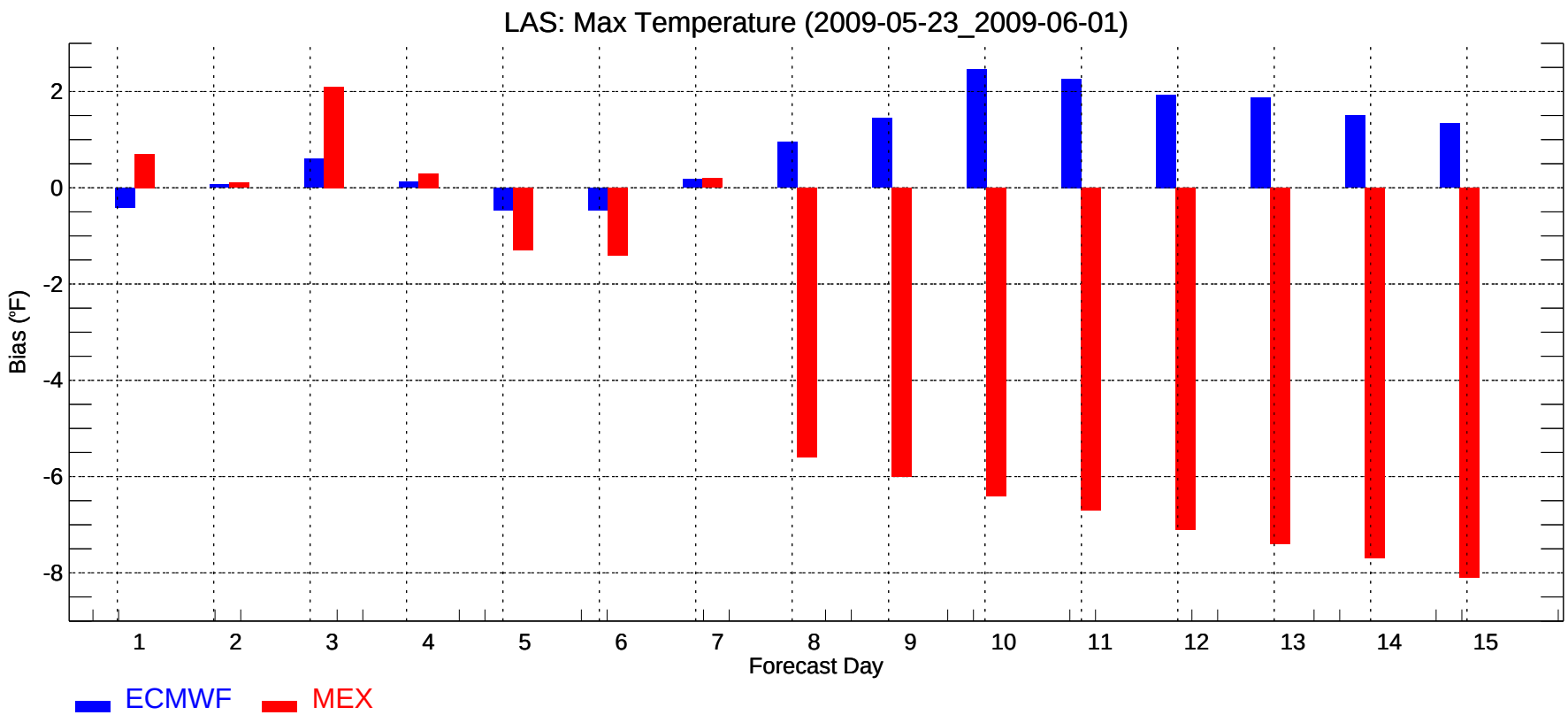
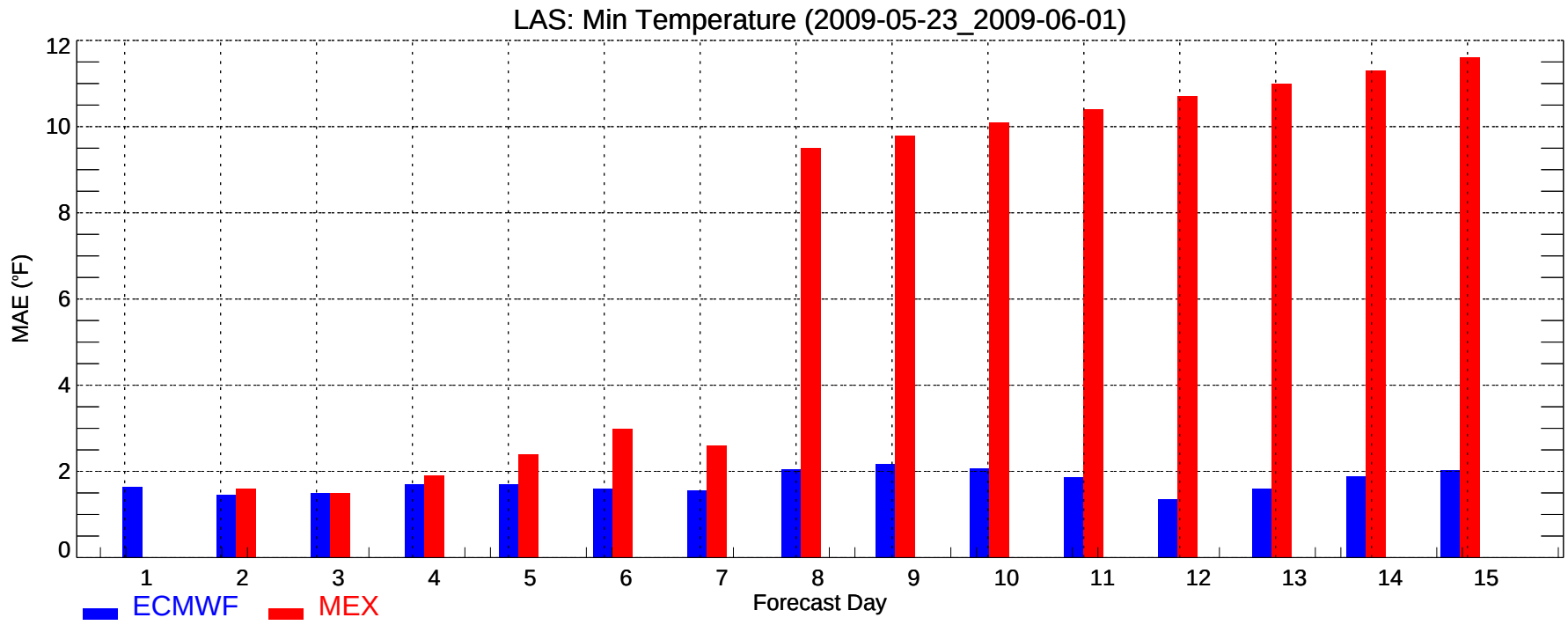
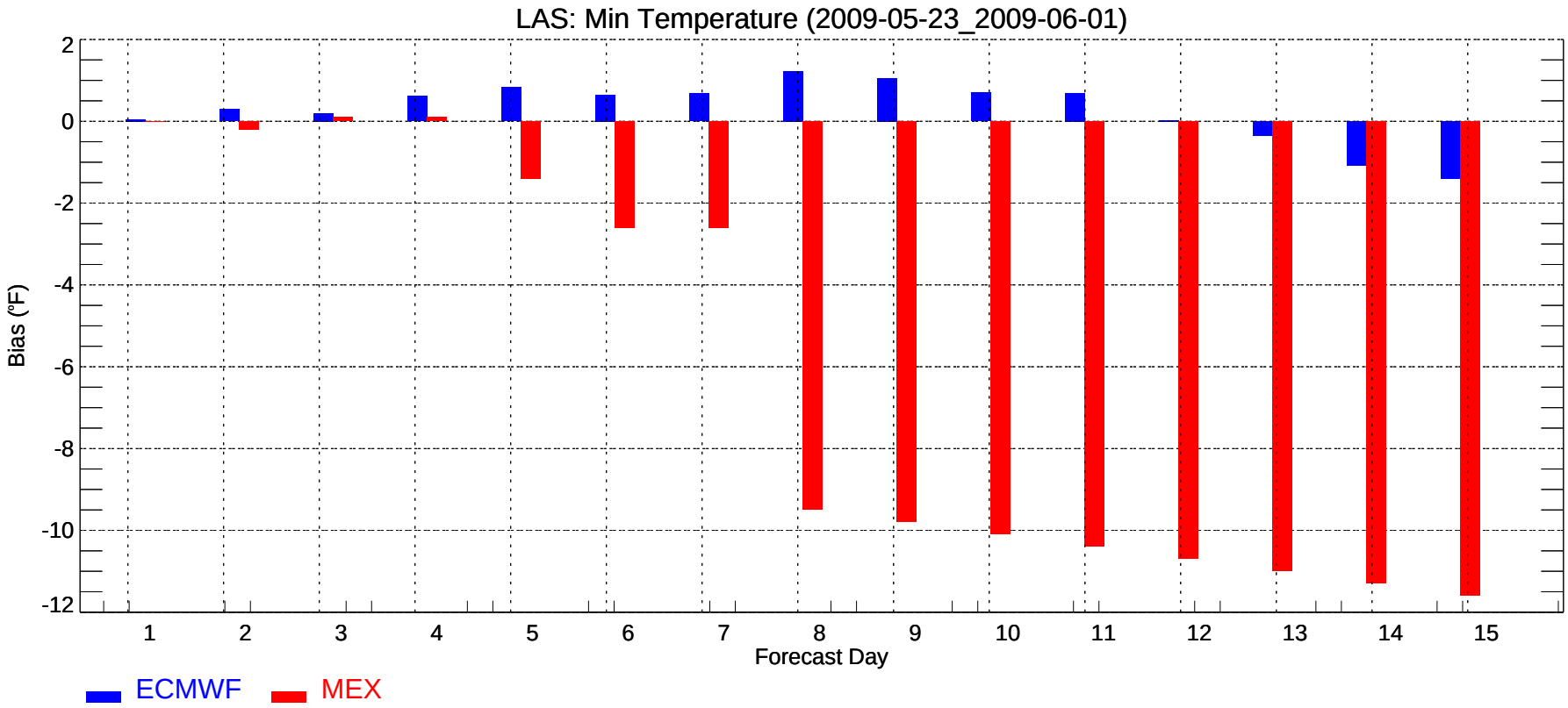
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

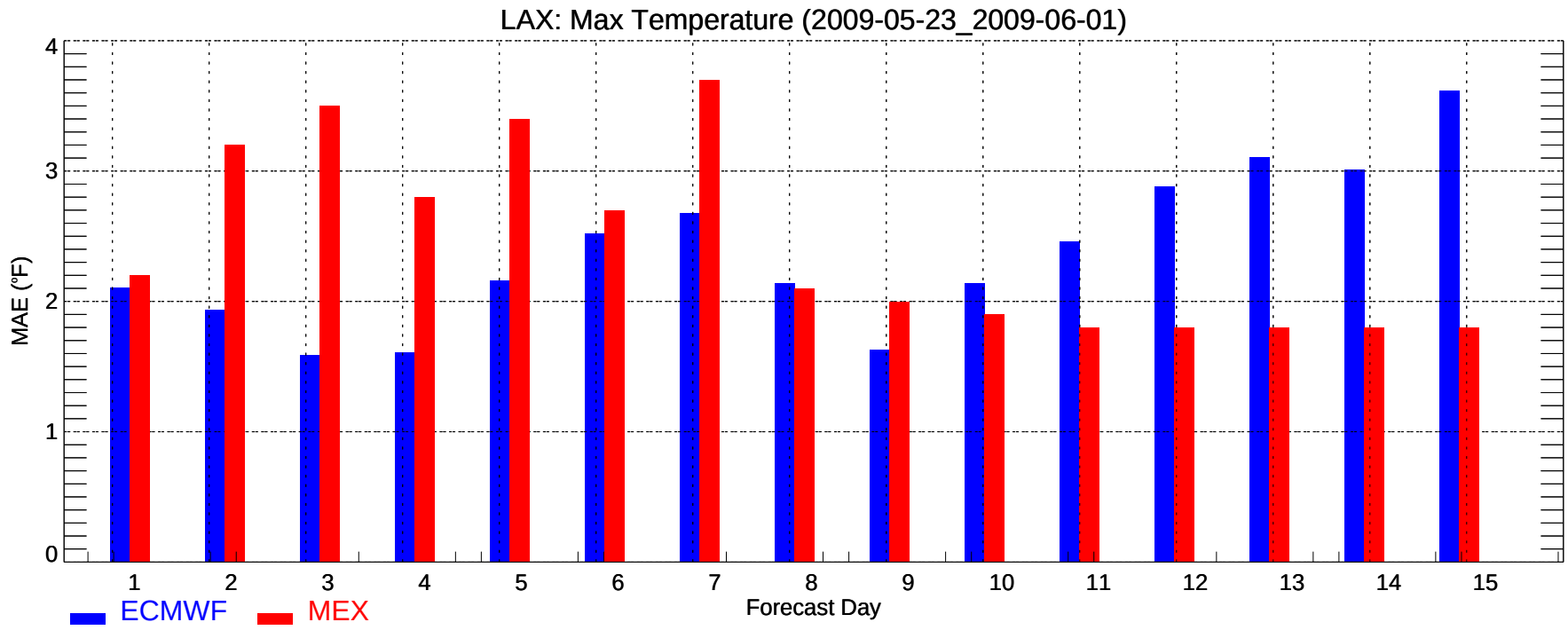

LAN: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

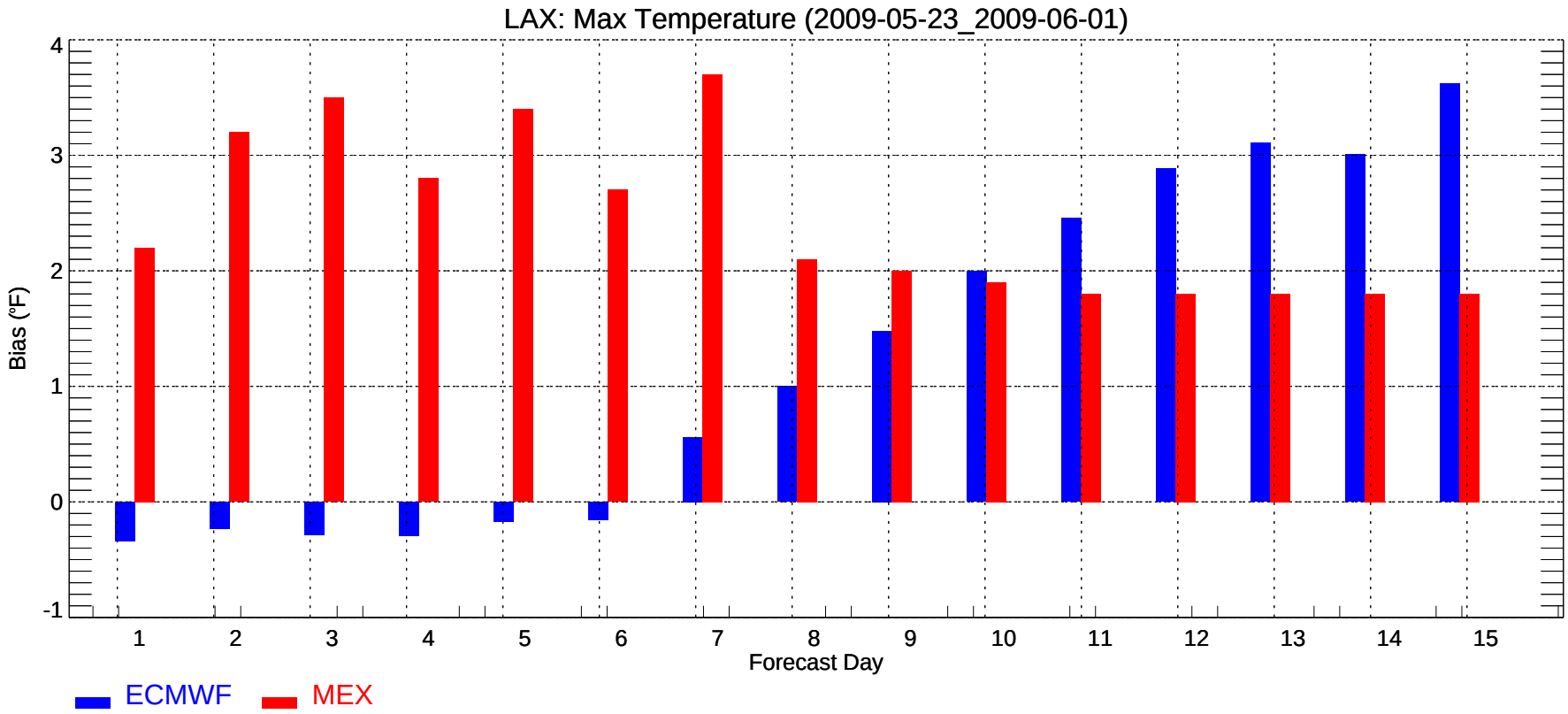

LAS: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

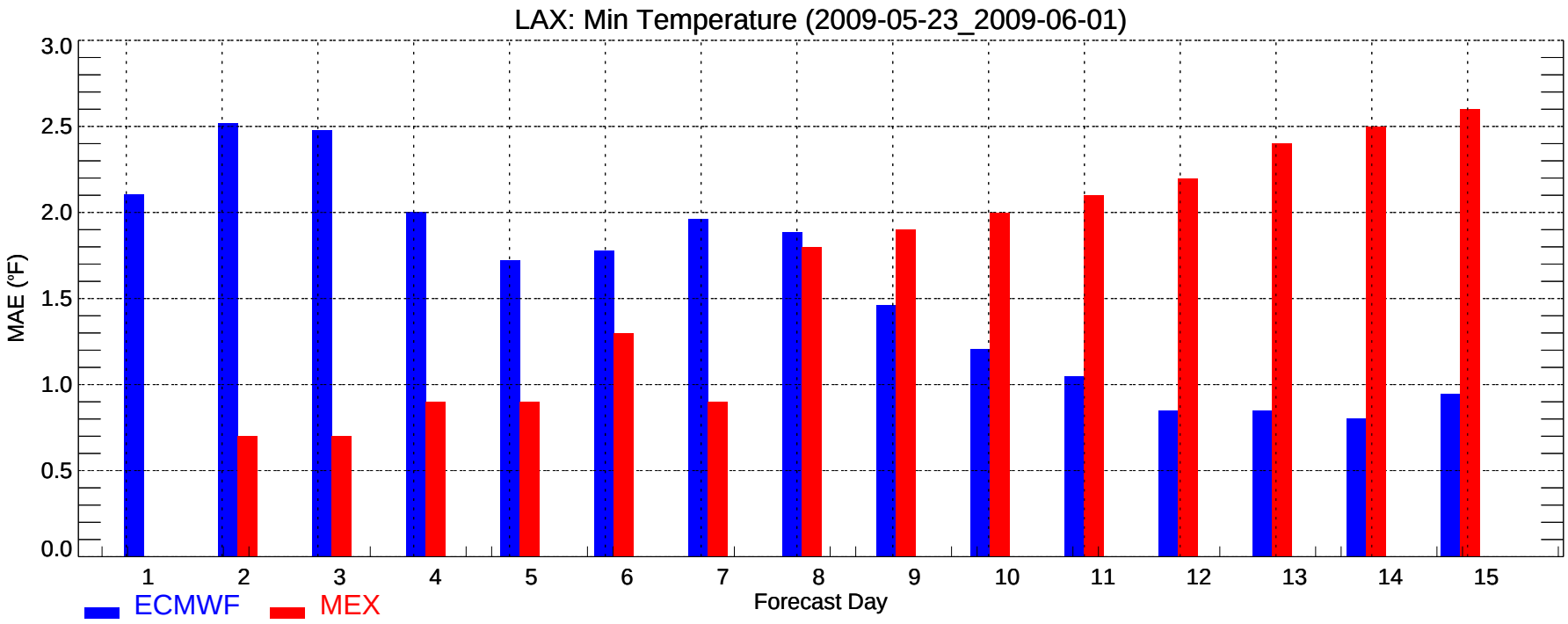

LAS: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

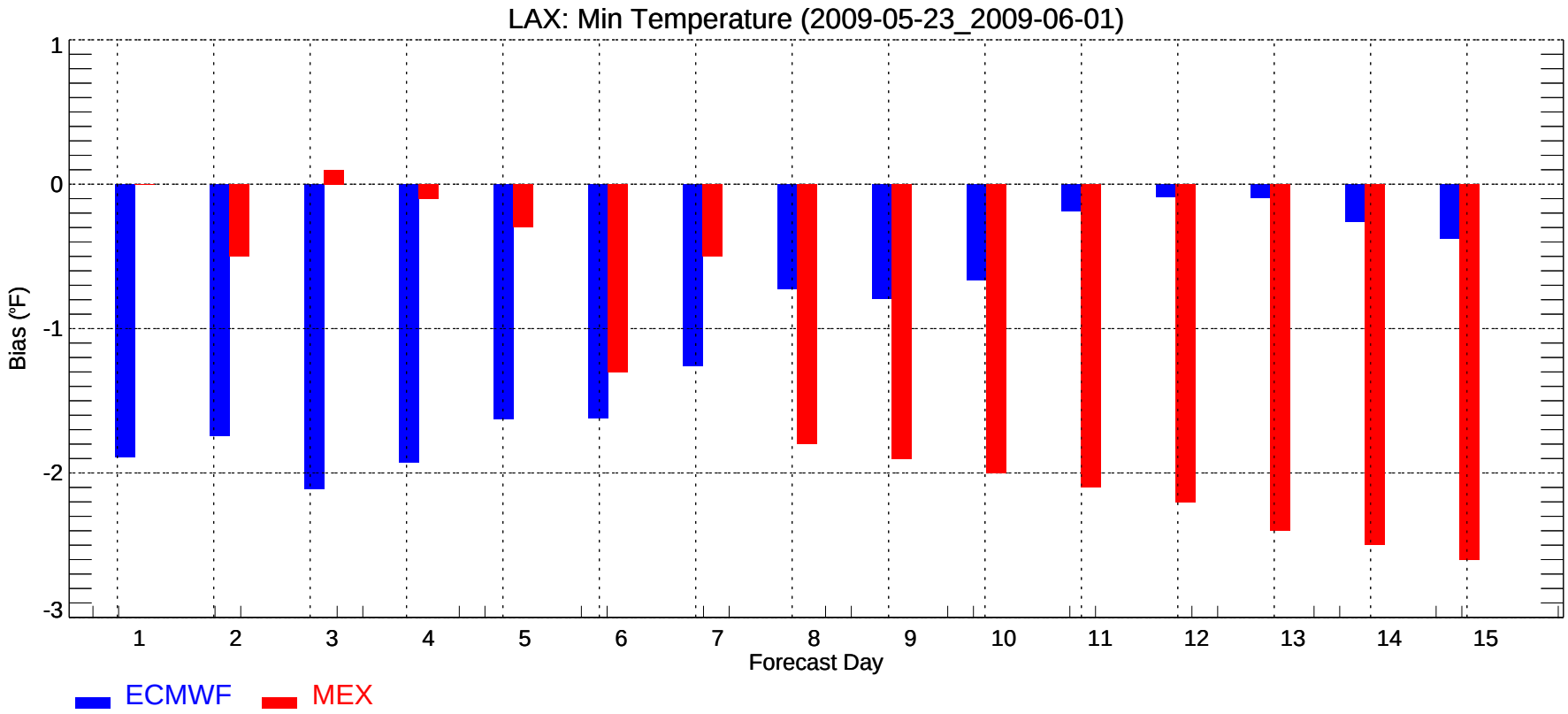

LAS: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

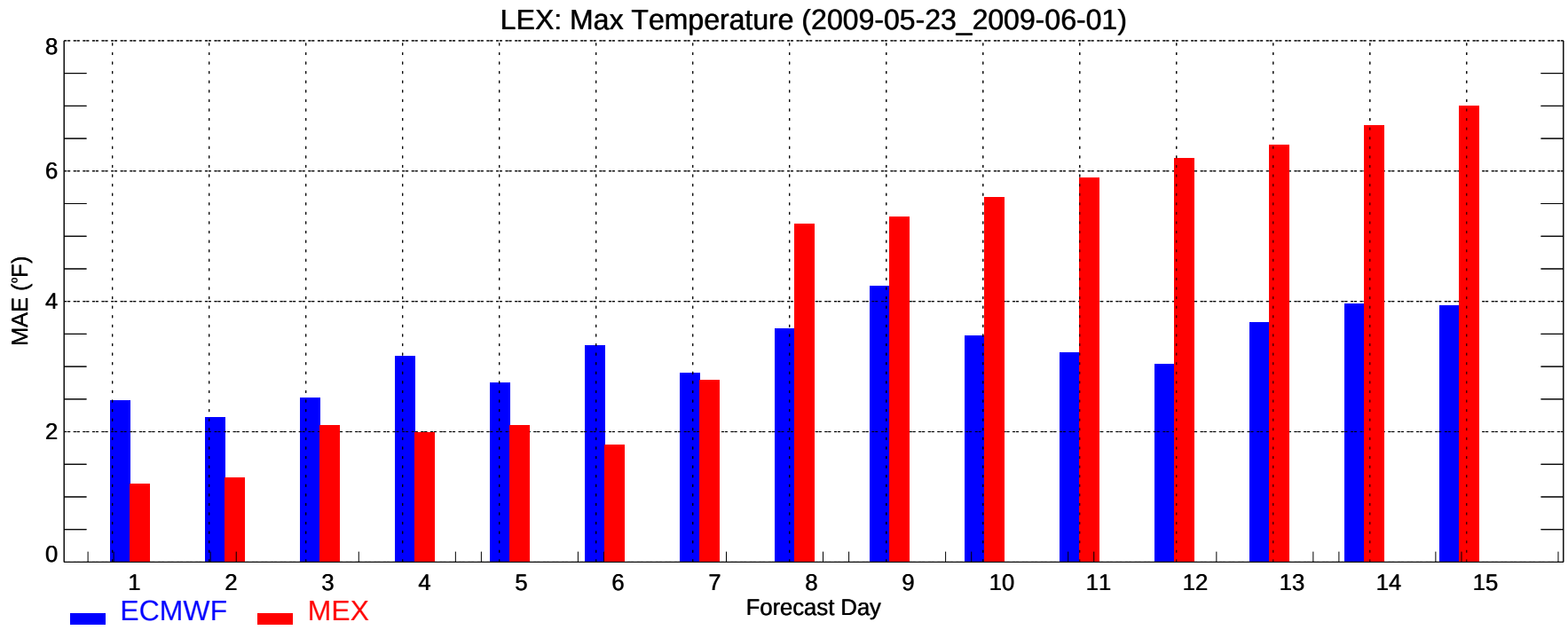

LAS: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

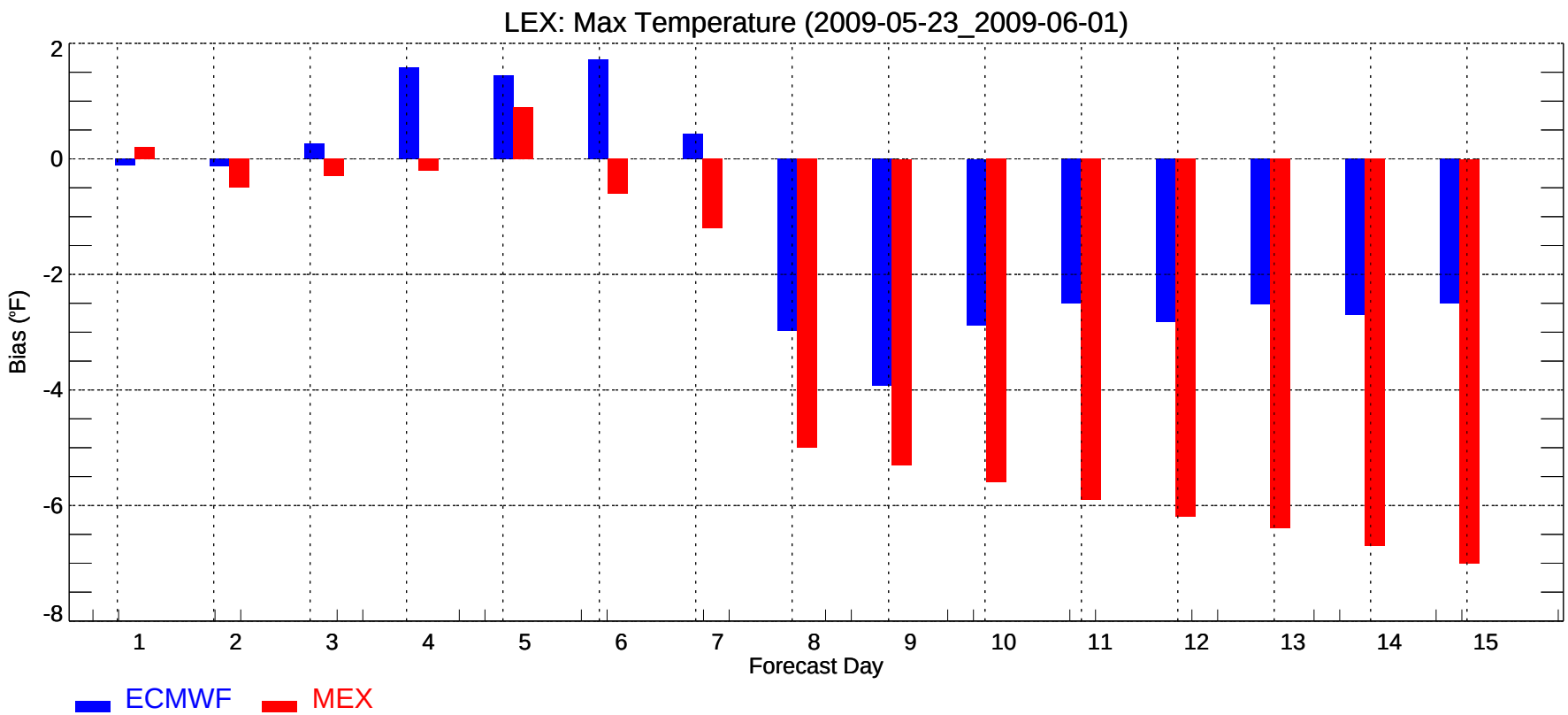

LAX: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

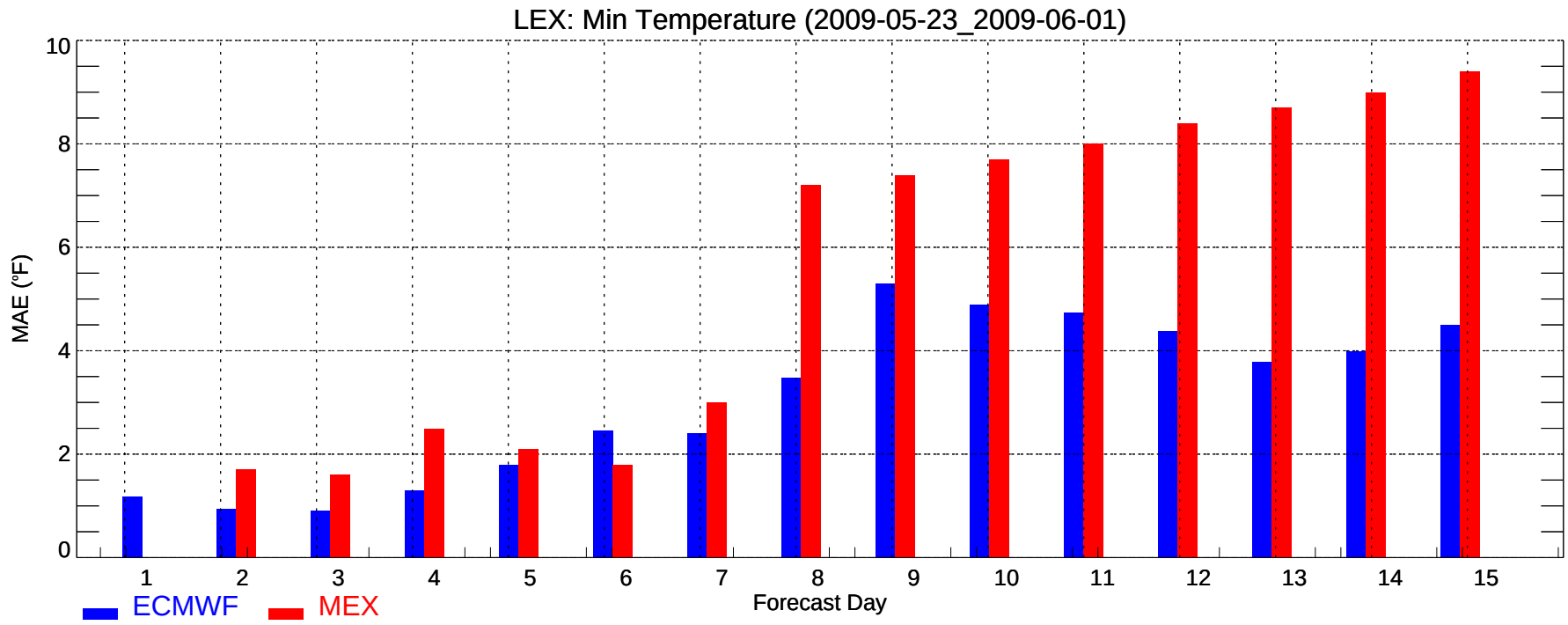

LAX: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

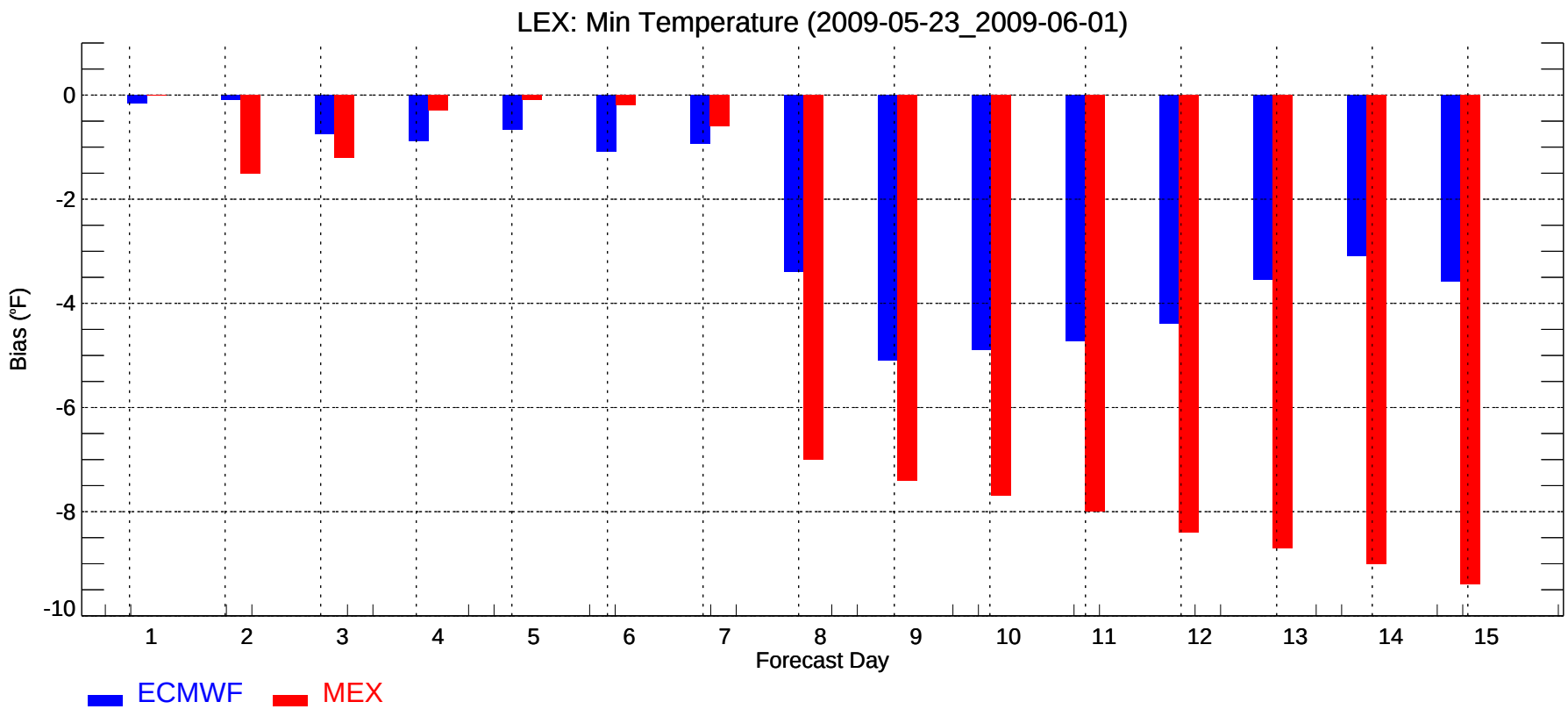

LAX: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

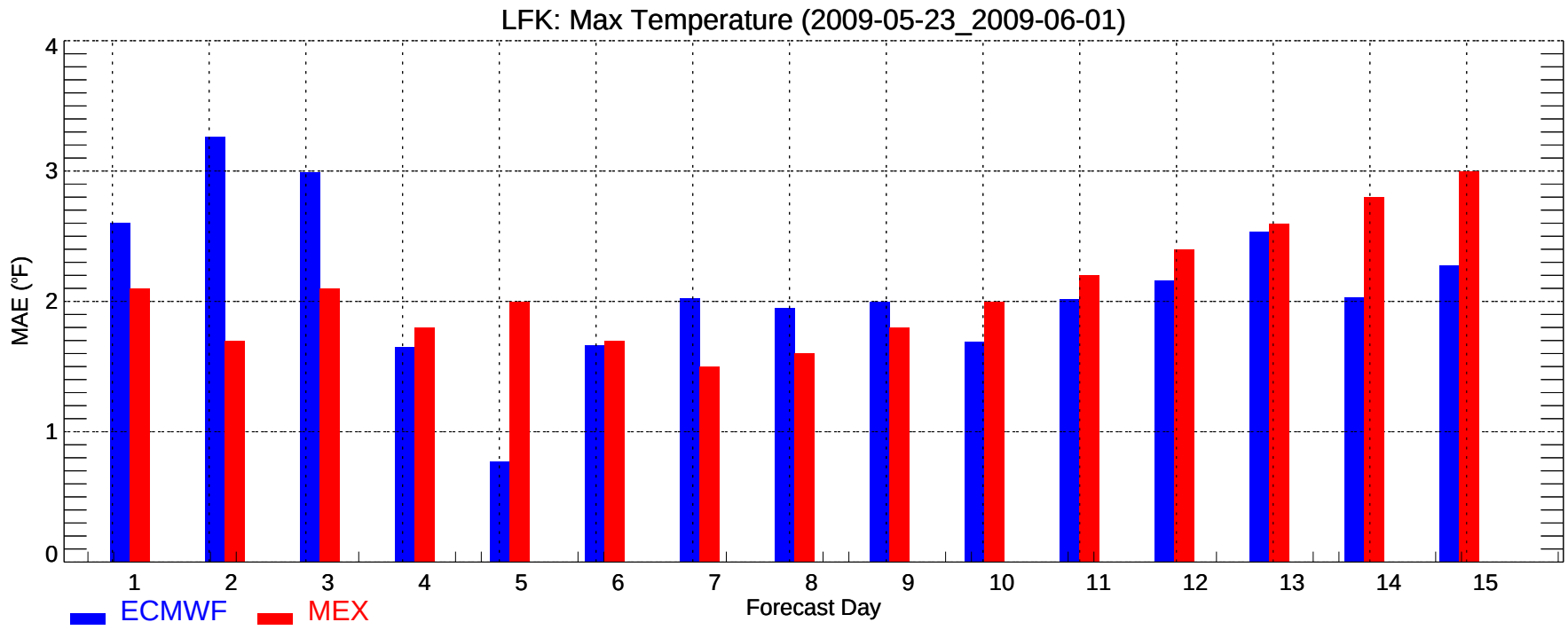

LAX: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

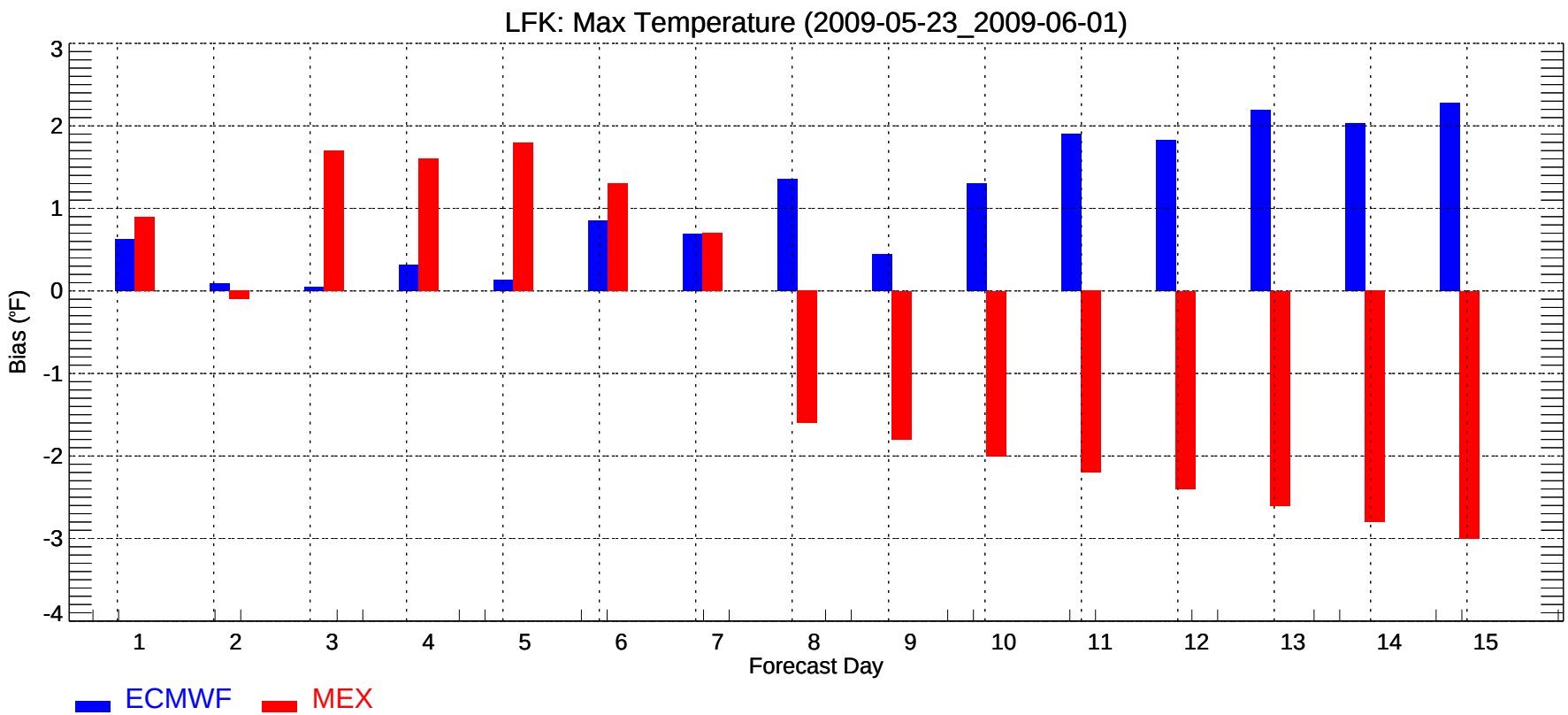

LEX: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

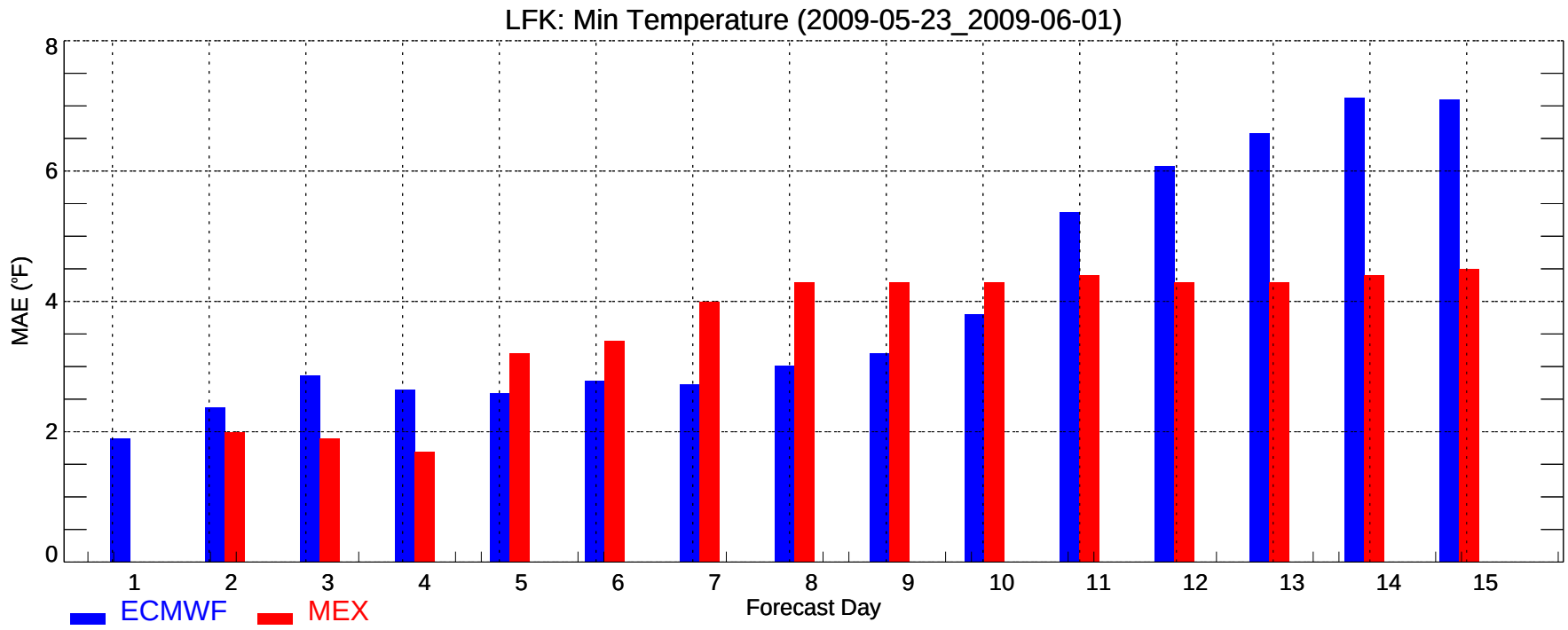

LEX: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

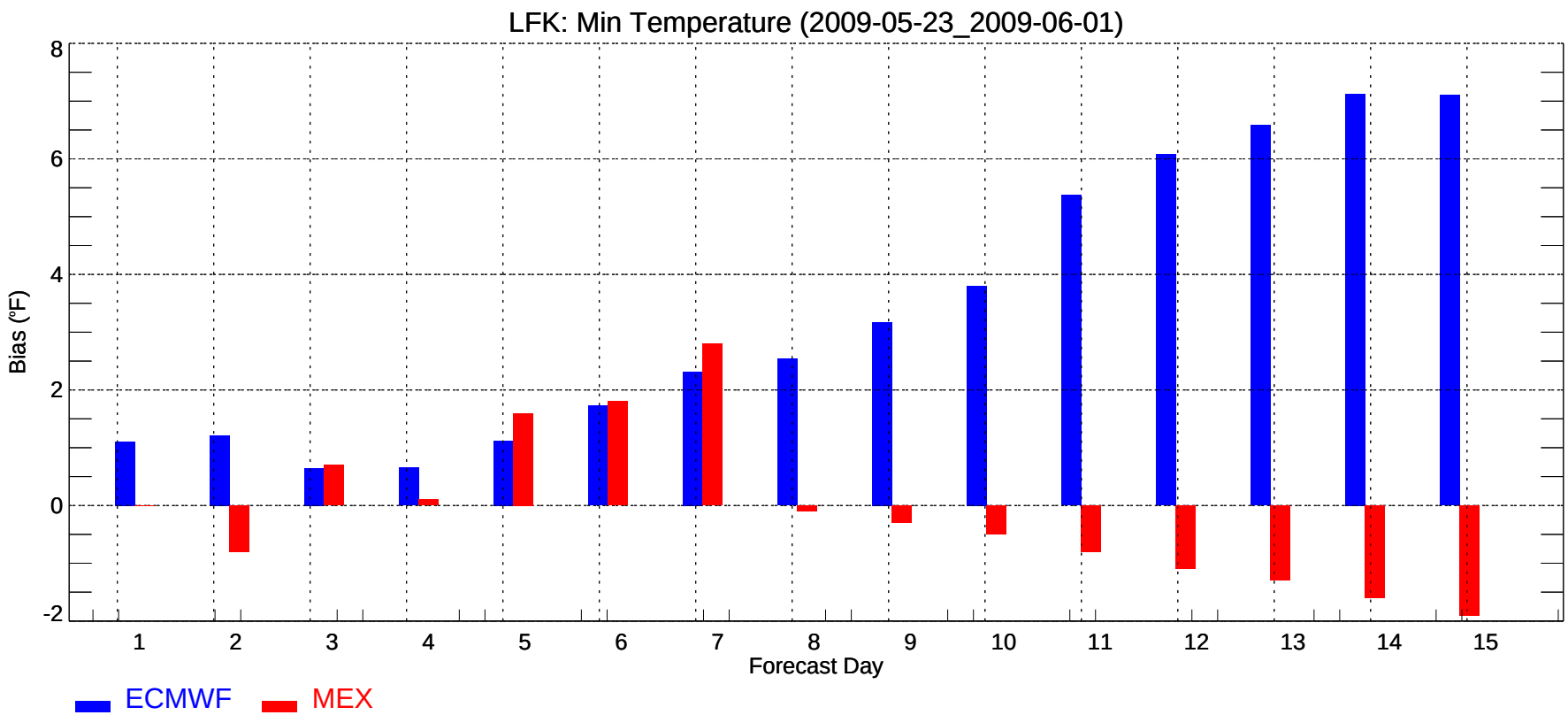

LEX: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

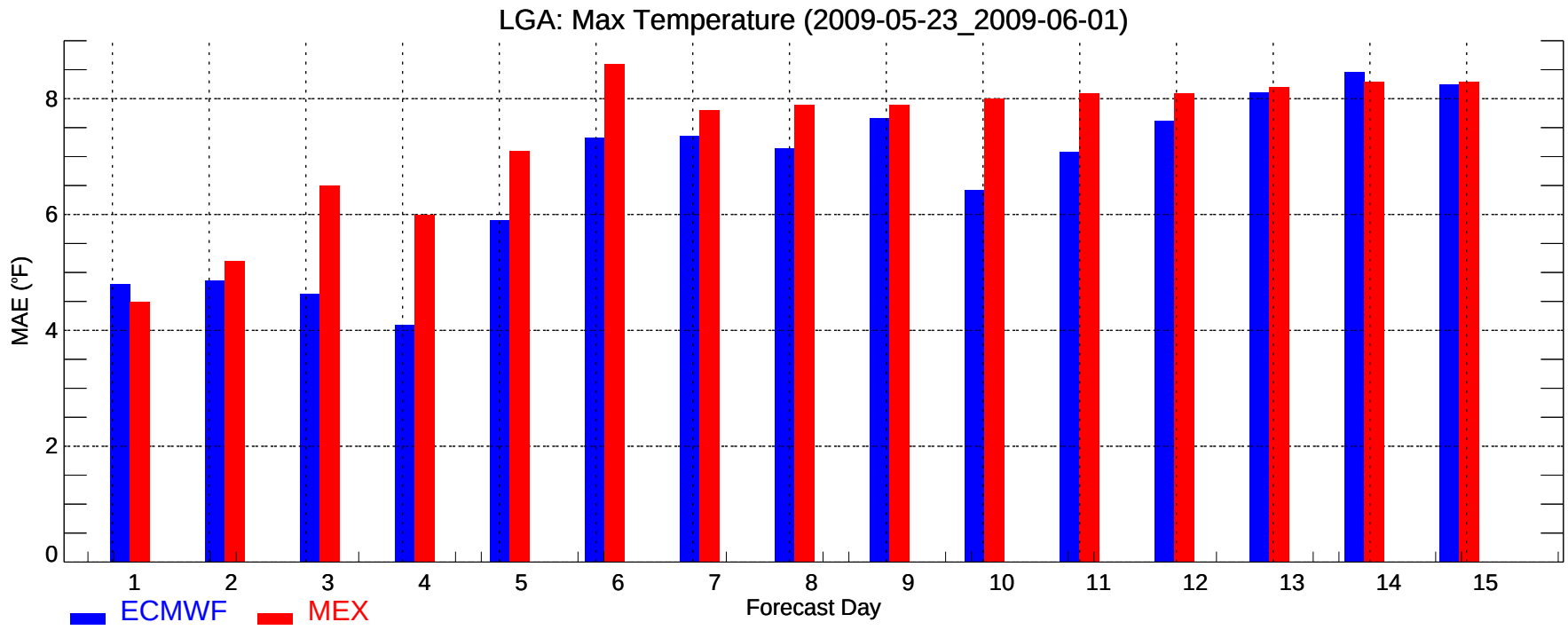

LEX: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

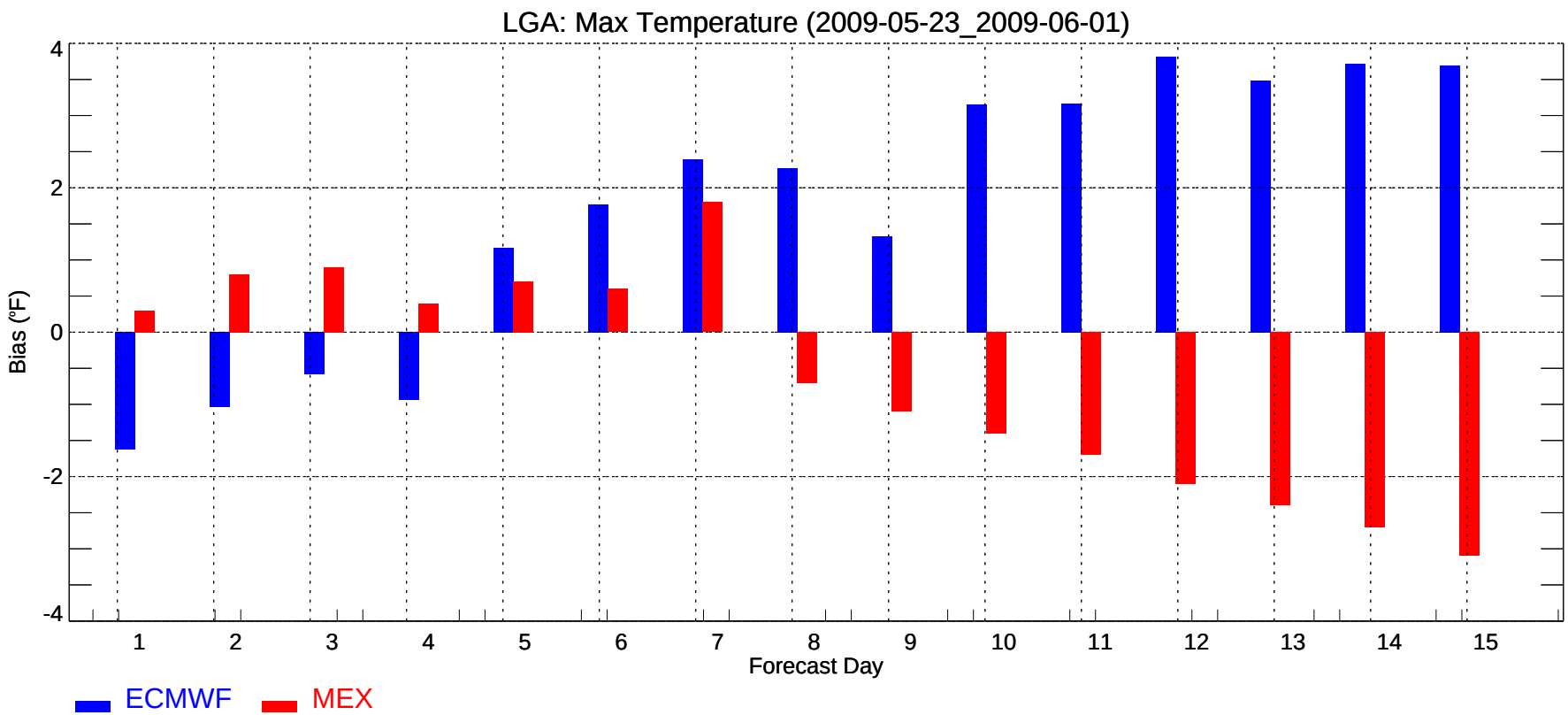

LFK: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

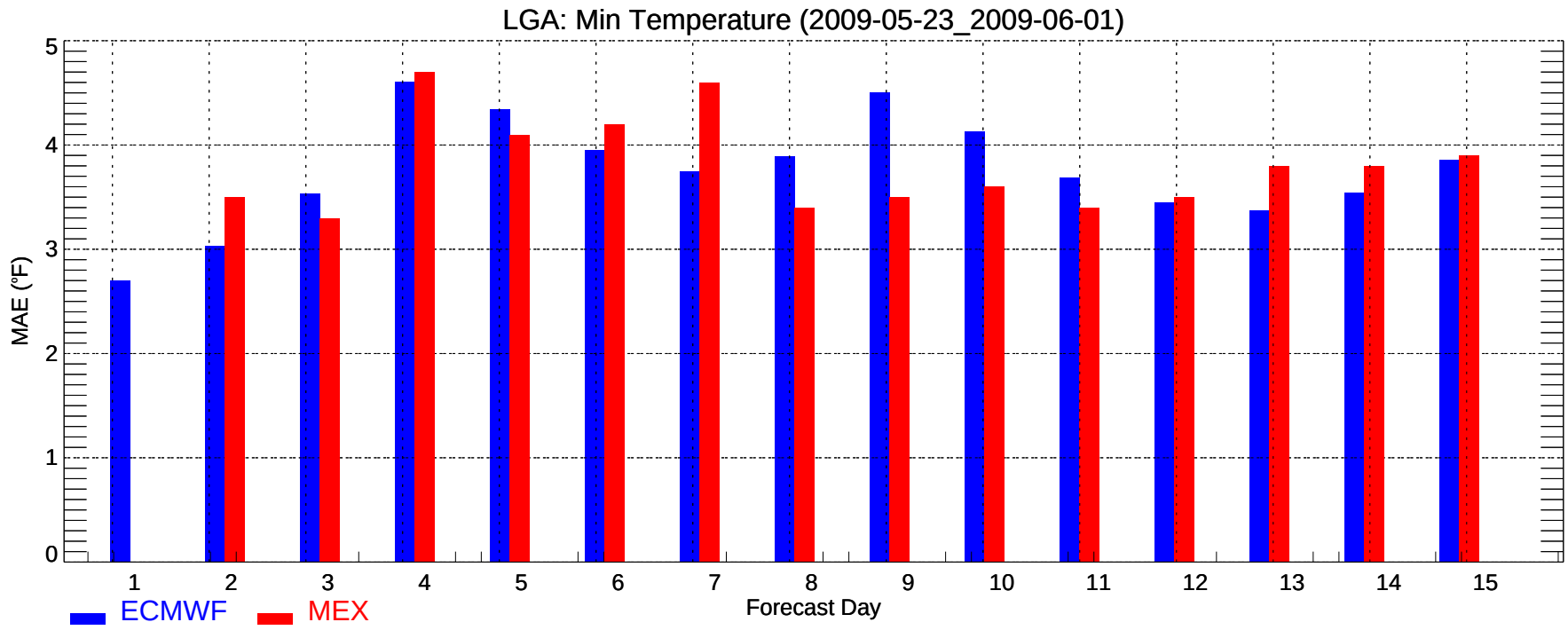

LFK: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

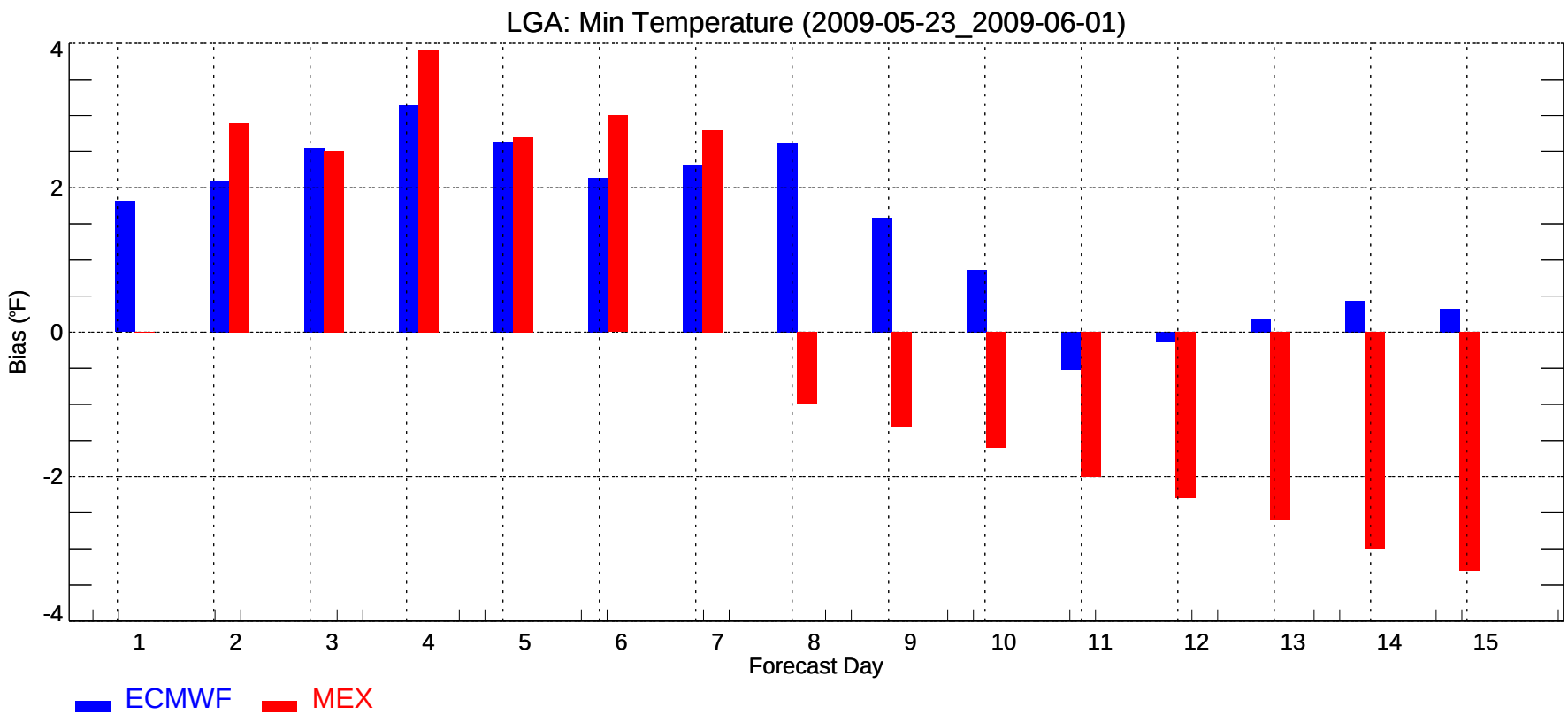

LFK: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


LFK: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


LGA: Max Temperature (2009-05-23_2009-06-01)
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


LGA: Max Temperature (2009-05-23_2009-06-01)
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


LGA: Min Temperature (2009-05-23_2009-06-01)
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


LGA: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
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11
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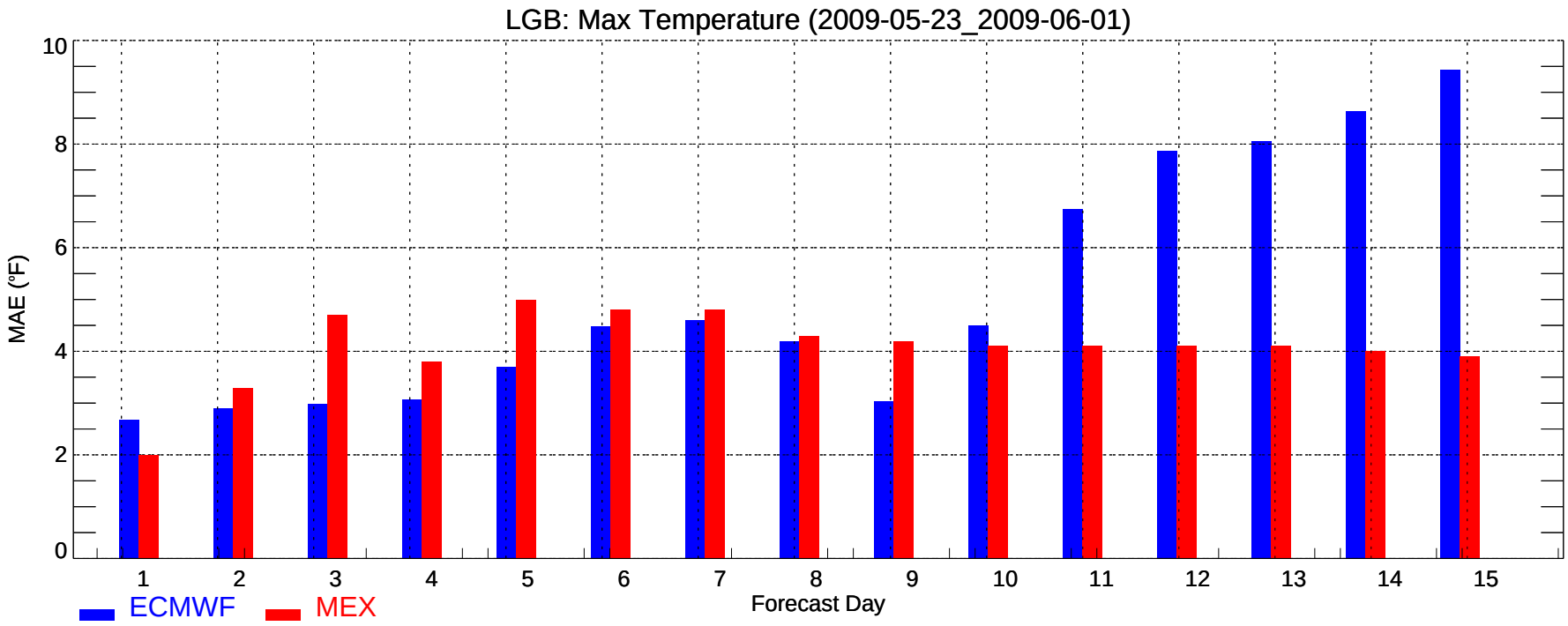
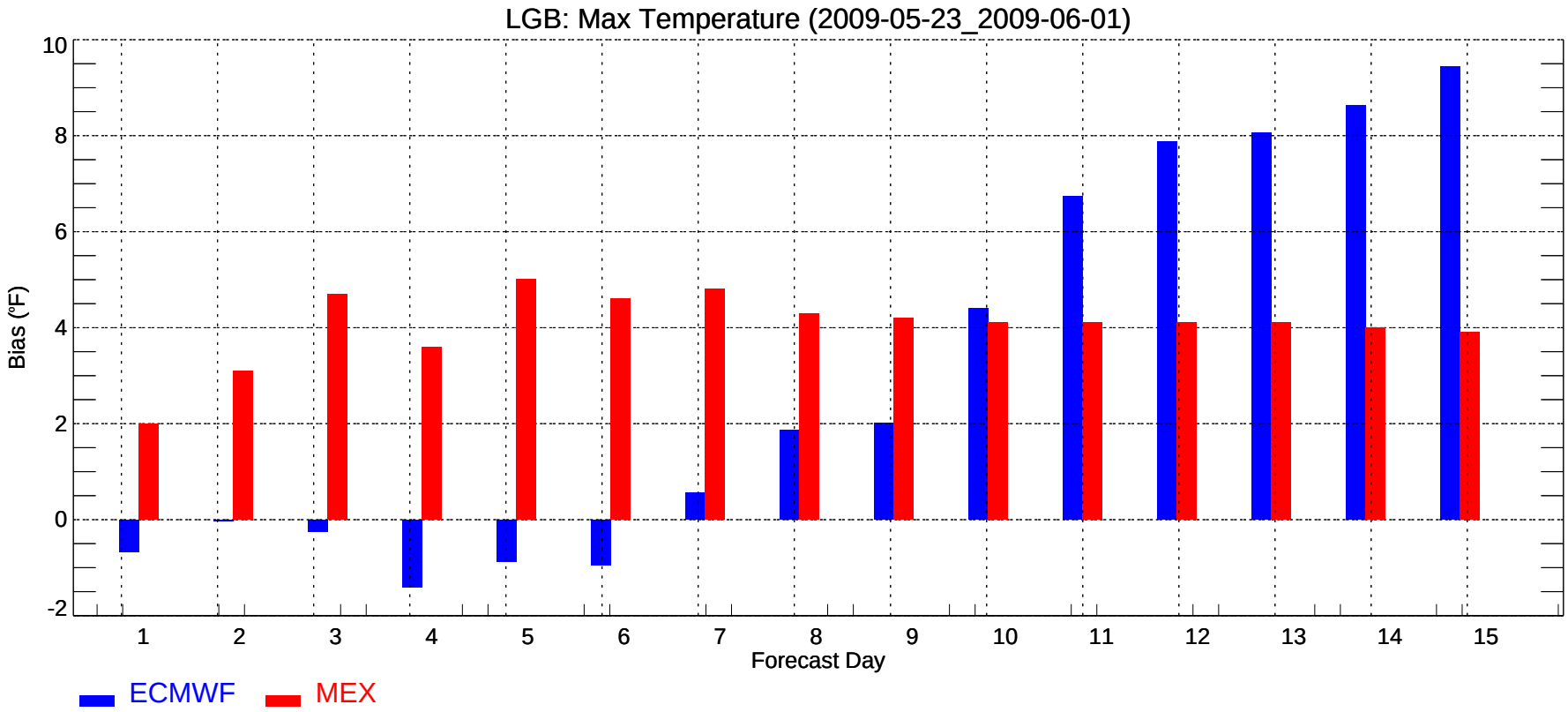
13
14
15
Forecast Day
ECMWF
MEX


LGB: Max Temperature (2009-05-23_2009-06-01)
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


LGB: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
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5
6
7
8
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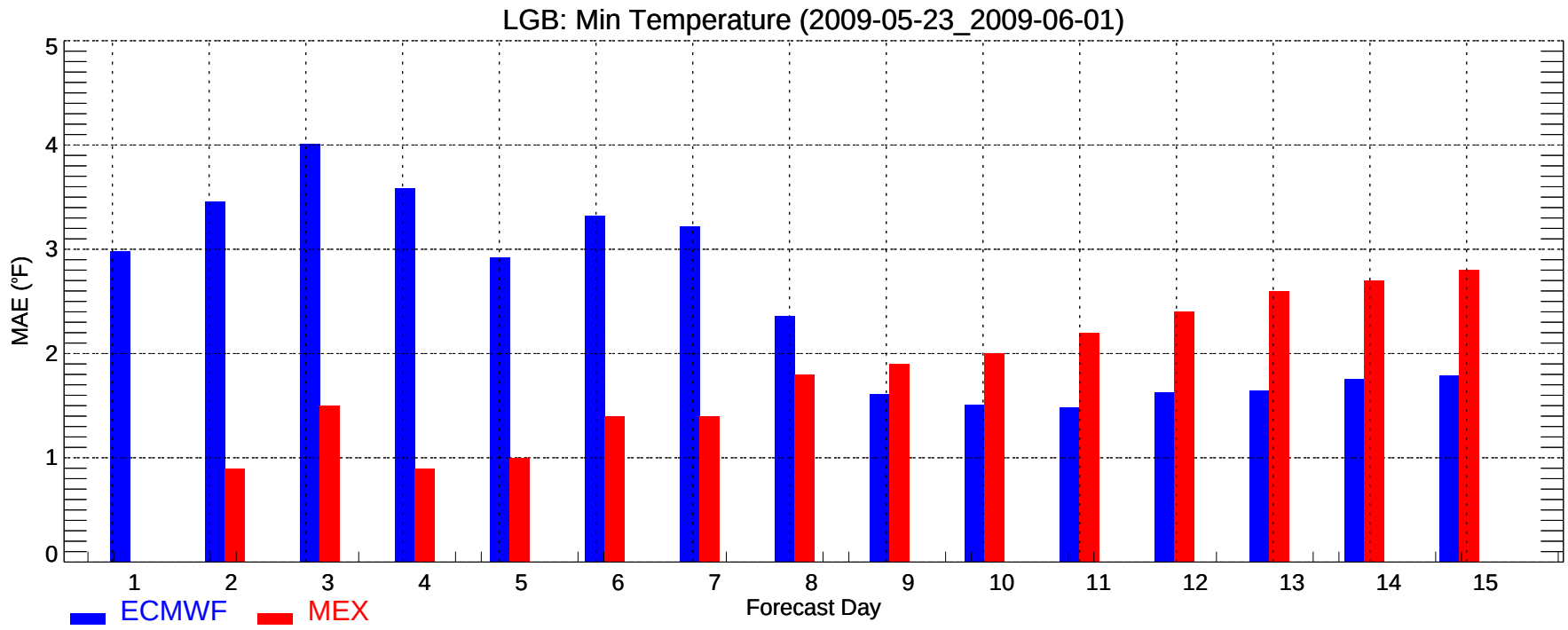
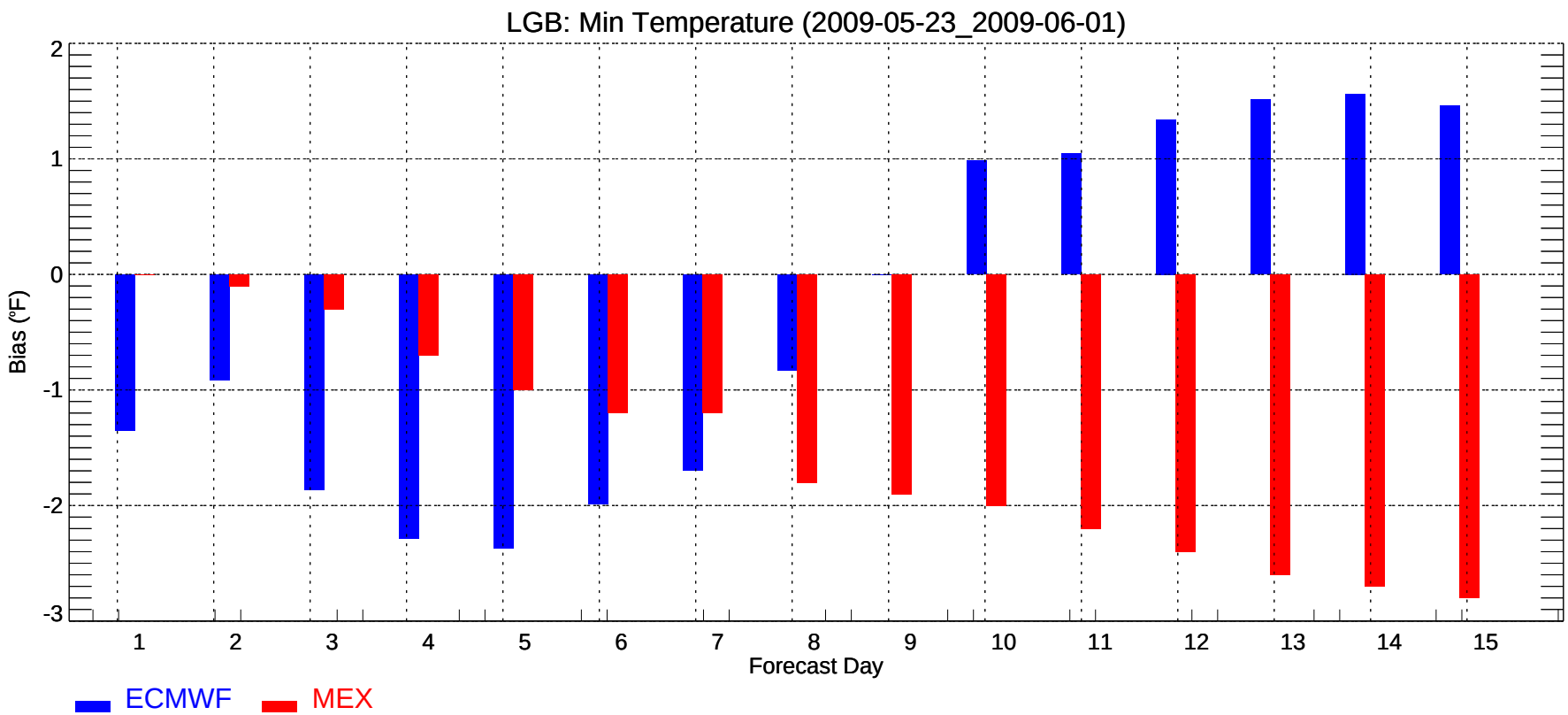
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


LGB: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


LGB: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
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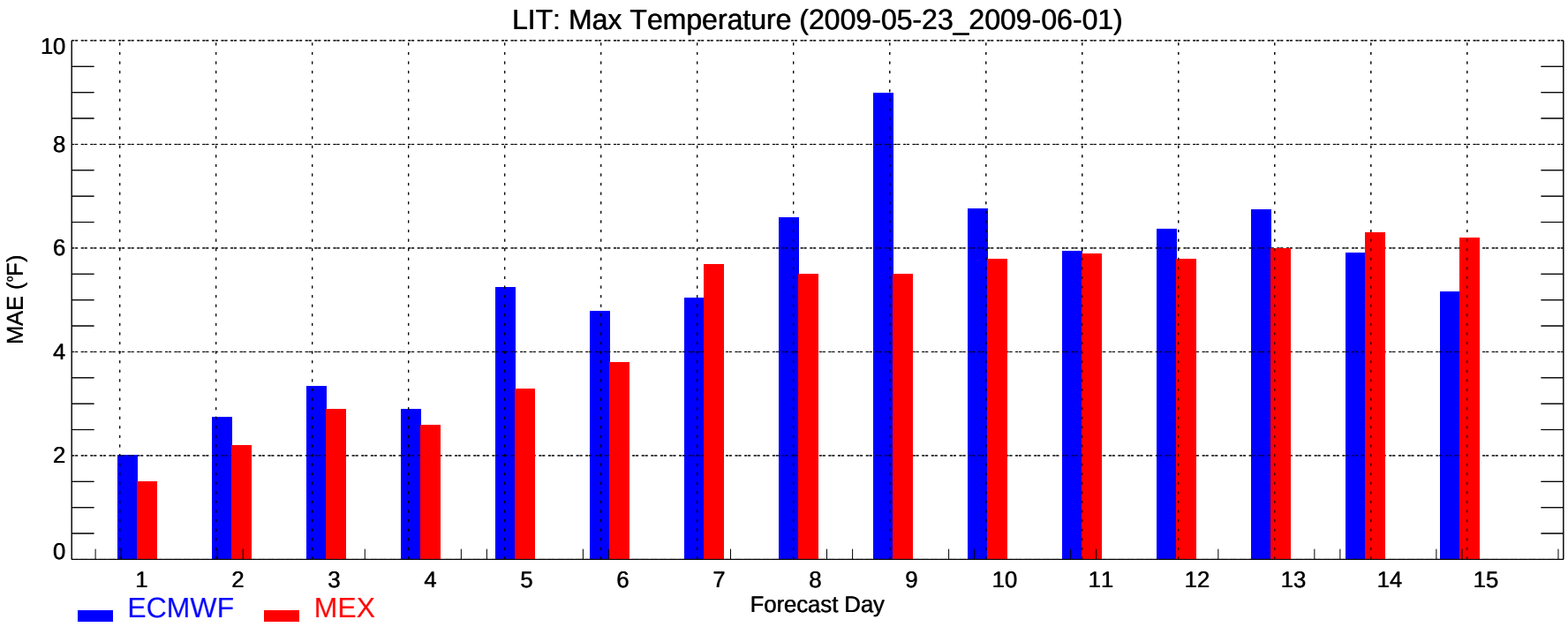
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


LIT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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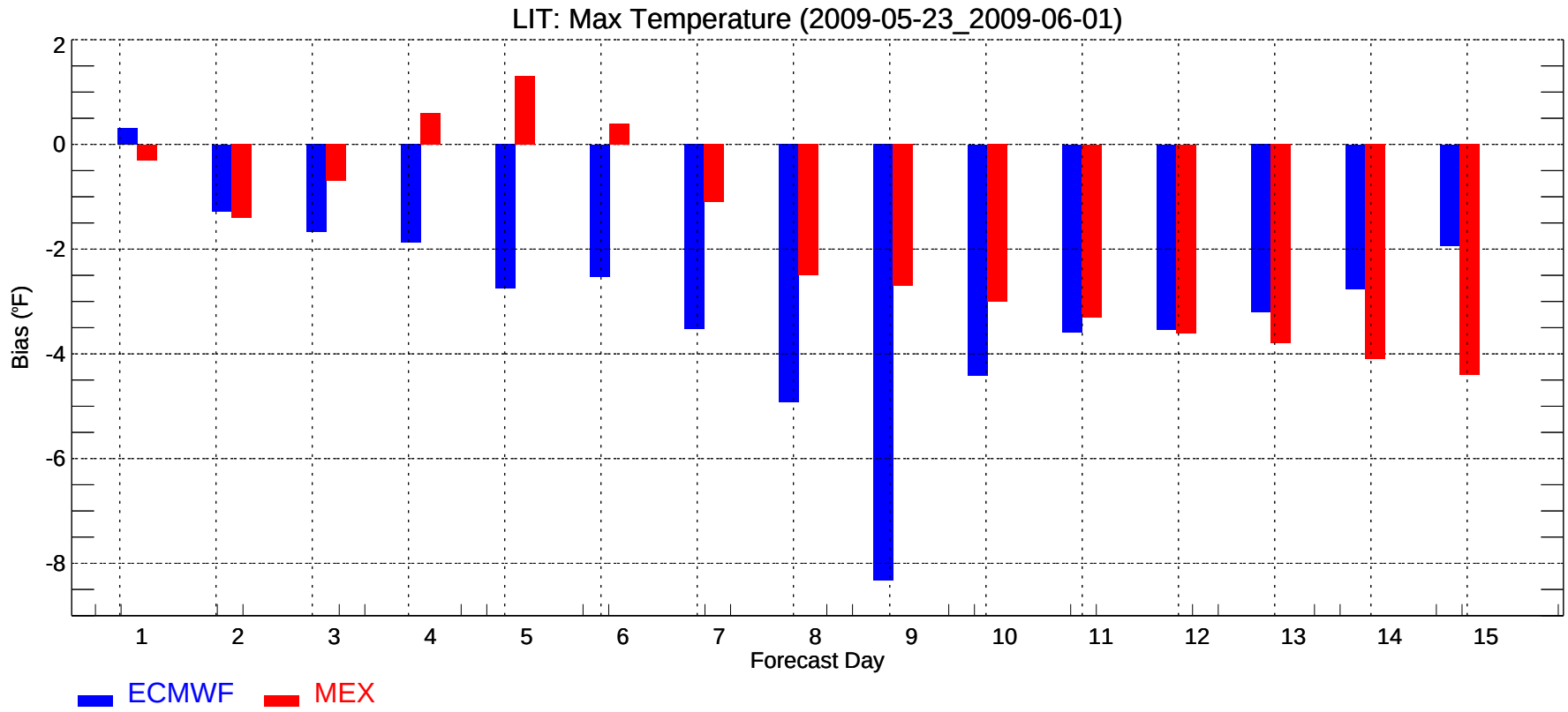
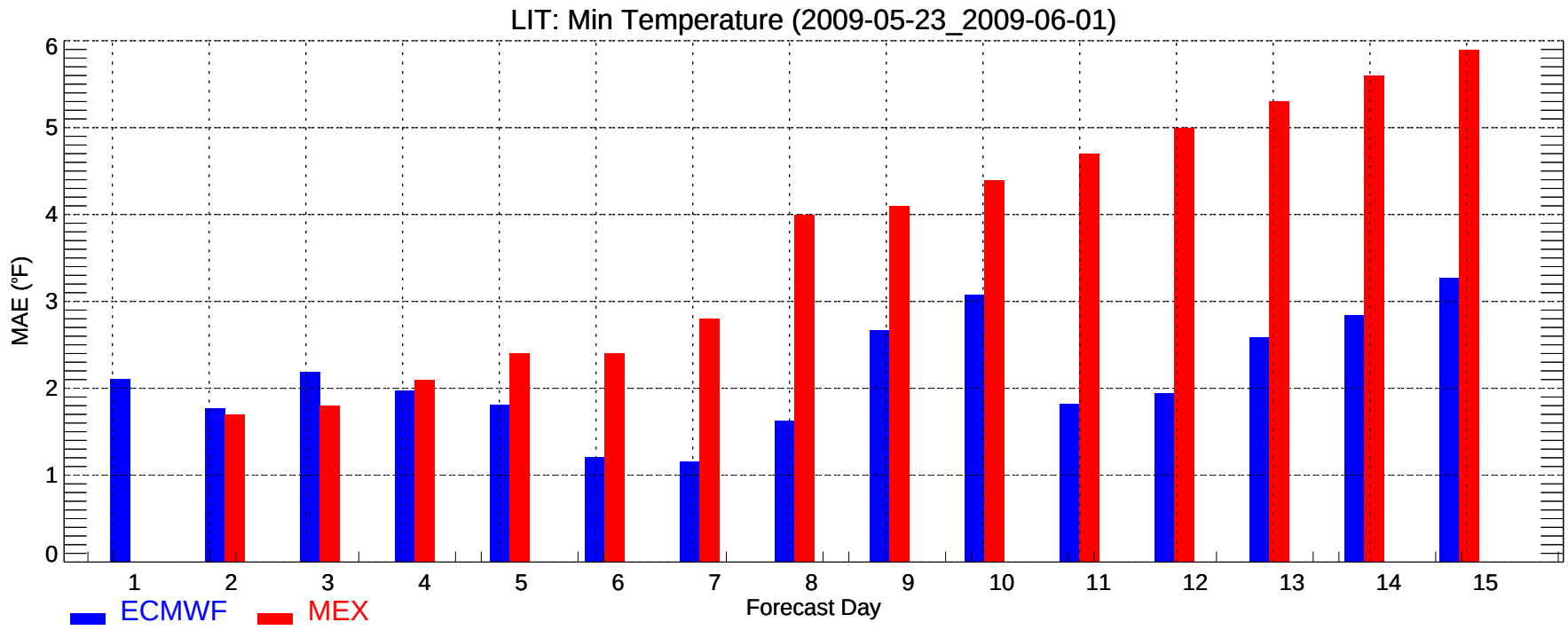
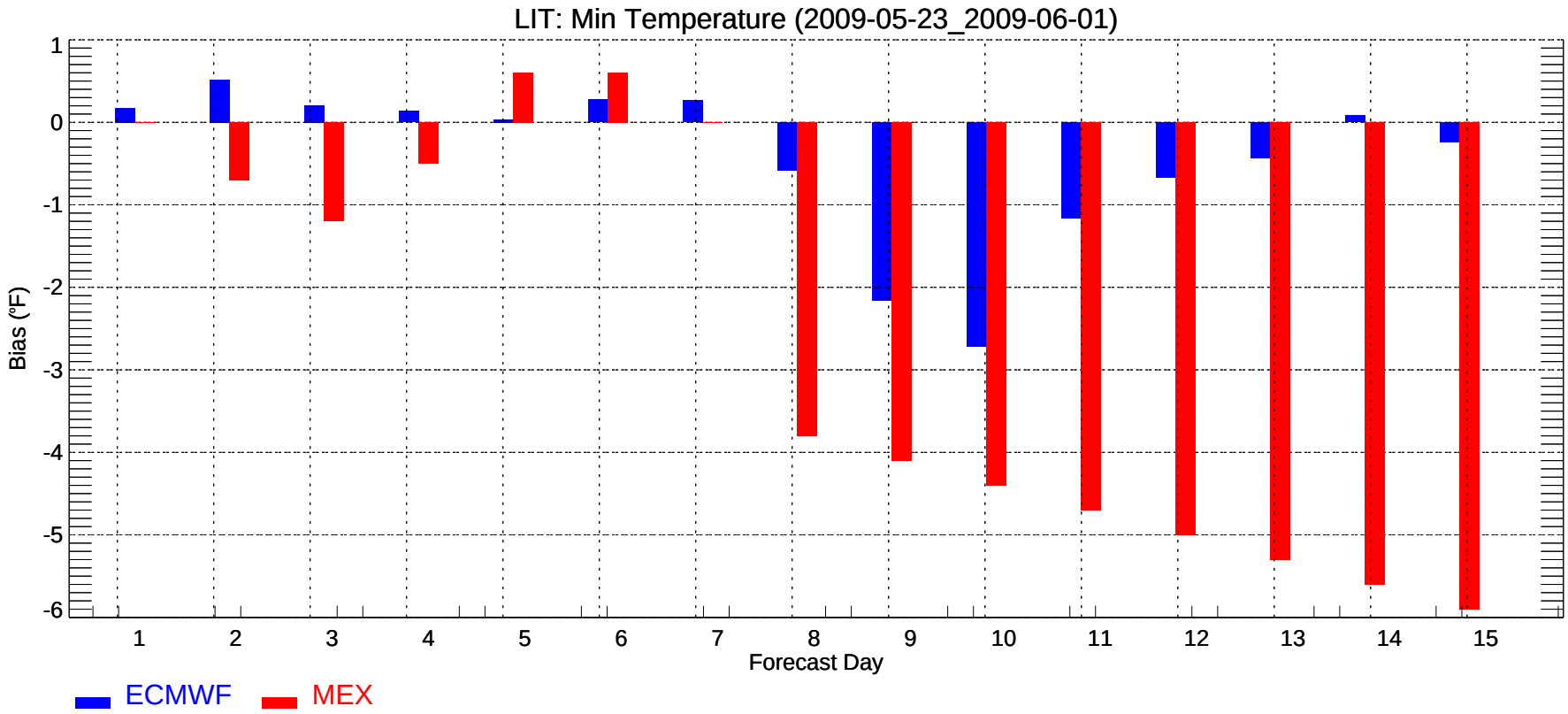
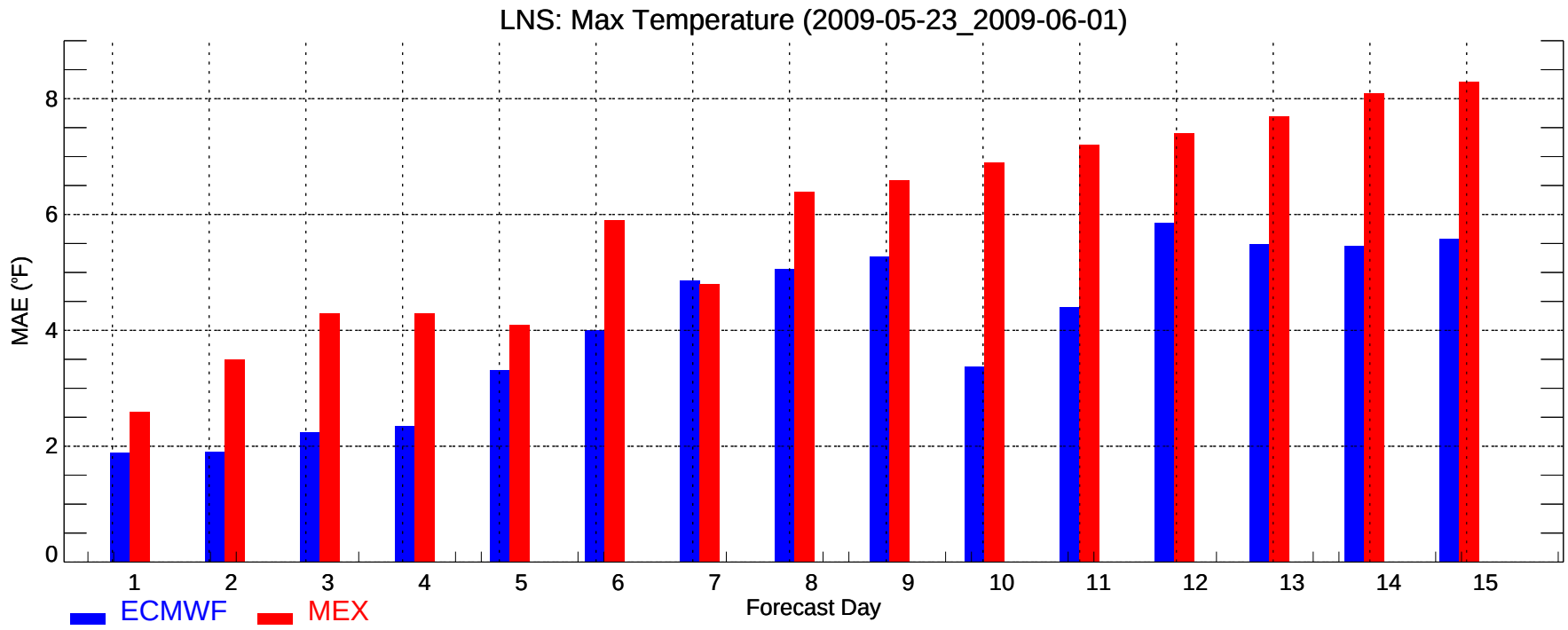
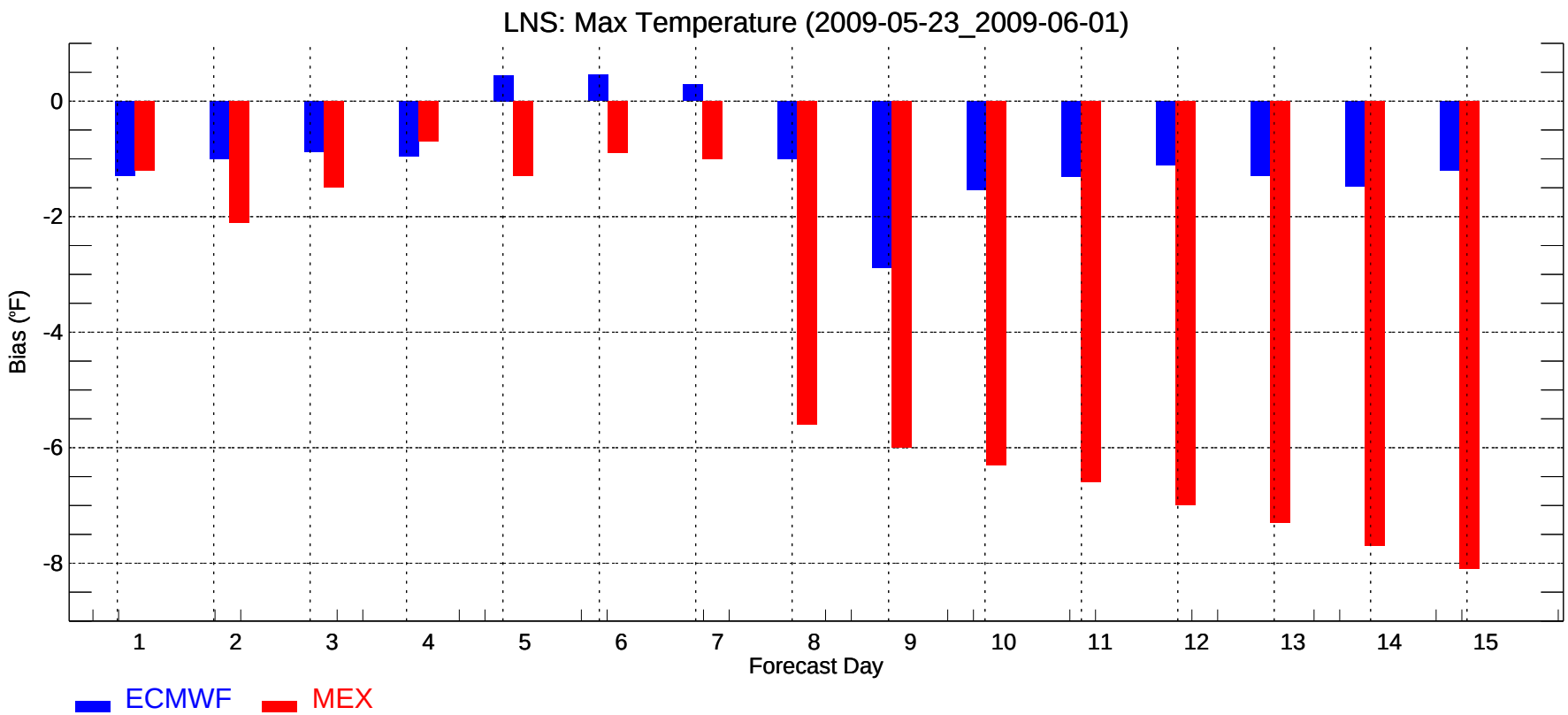
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

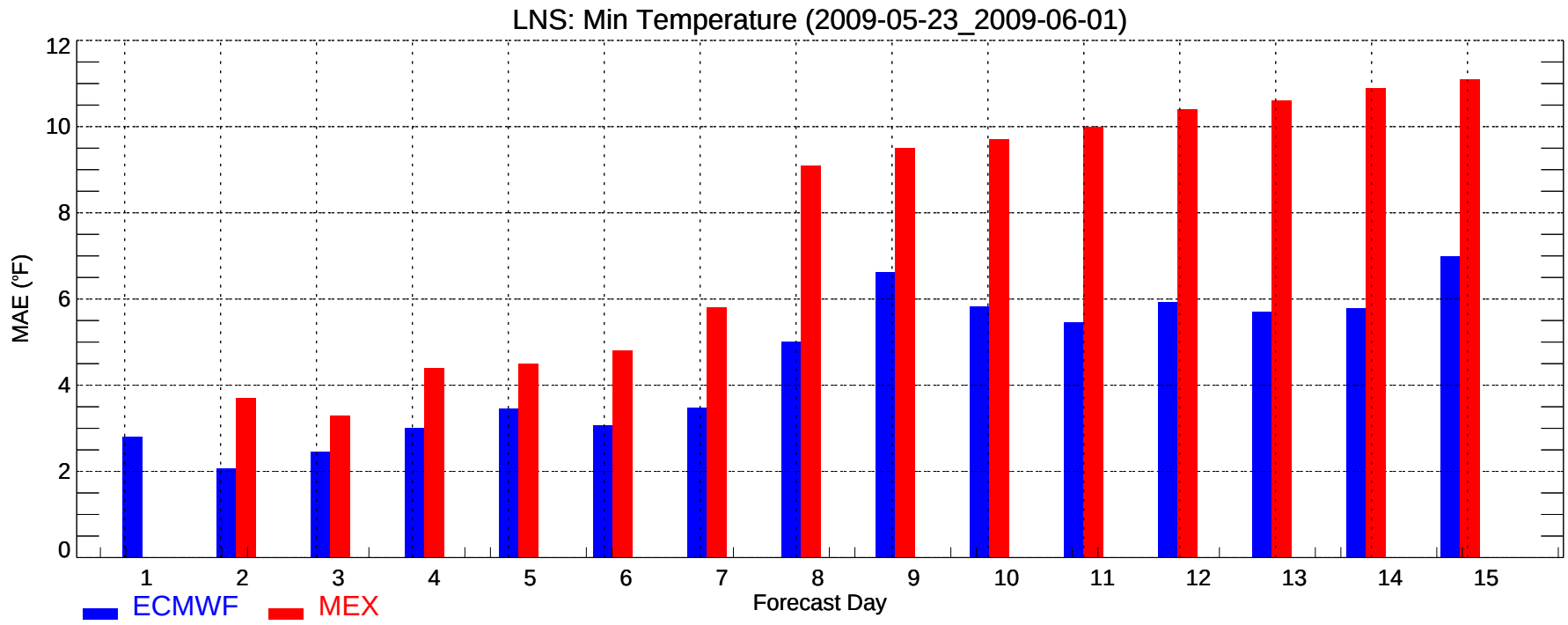

LIT: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

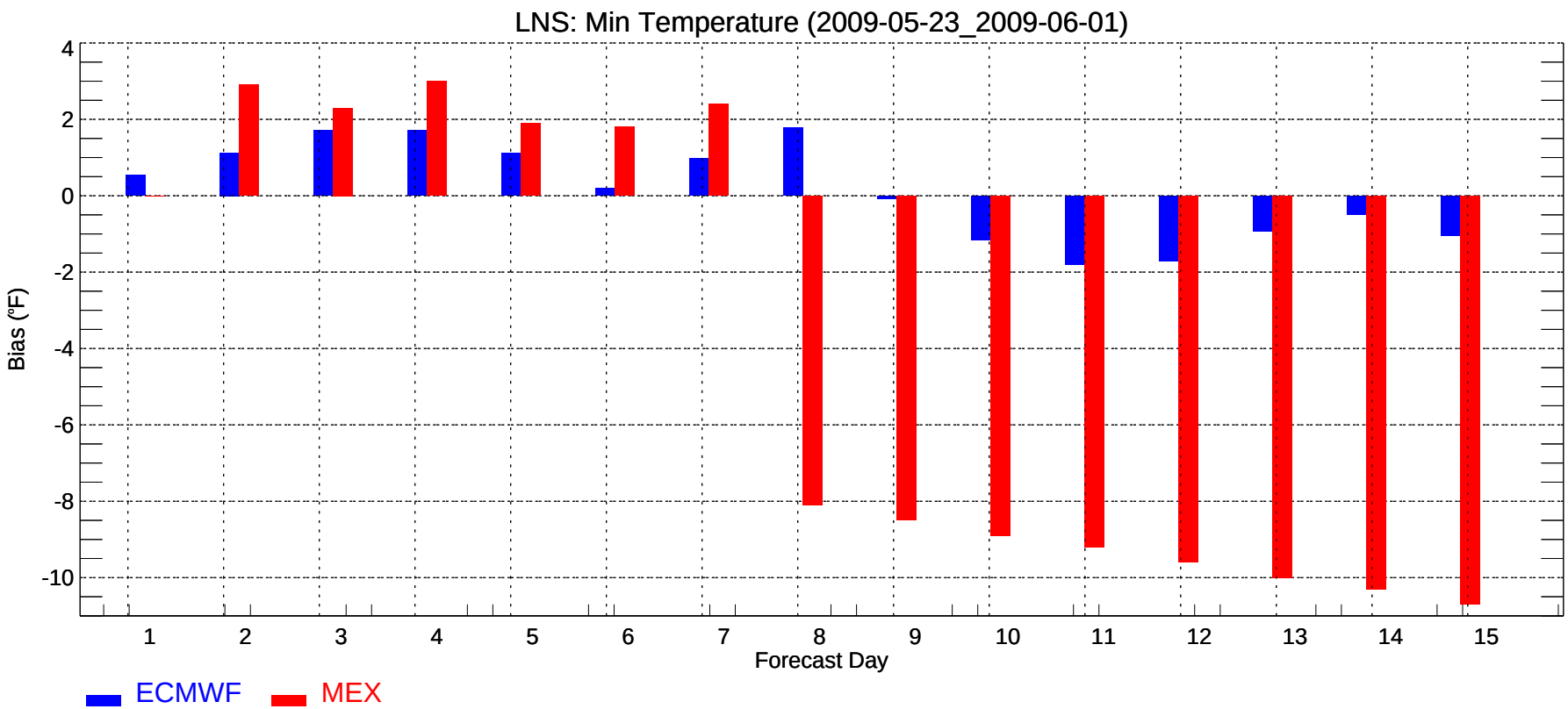

LIT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

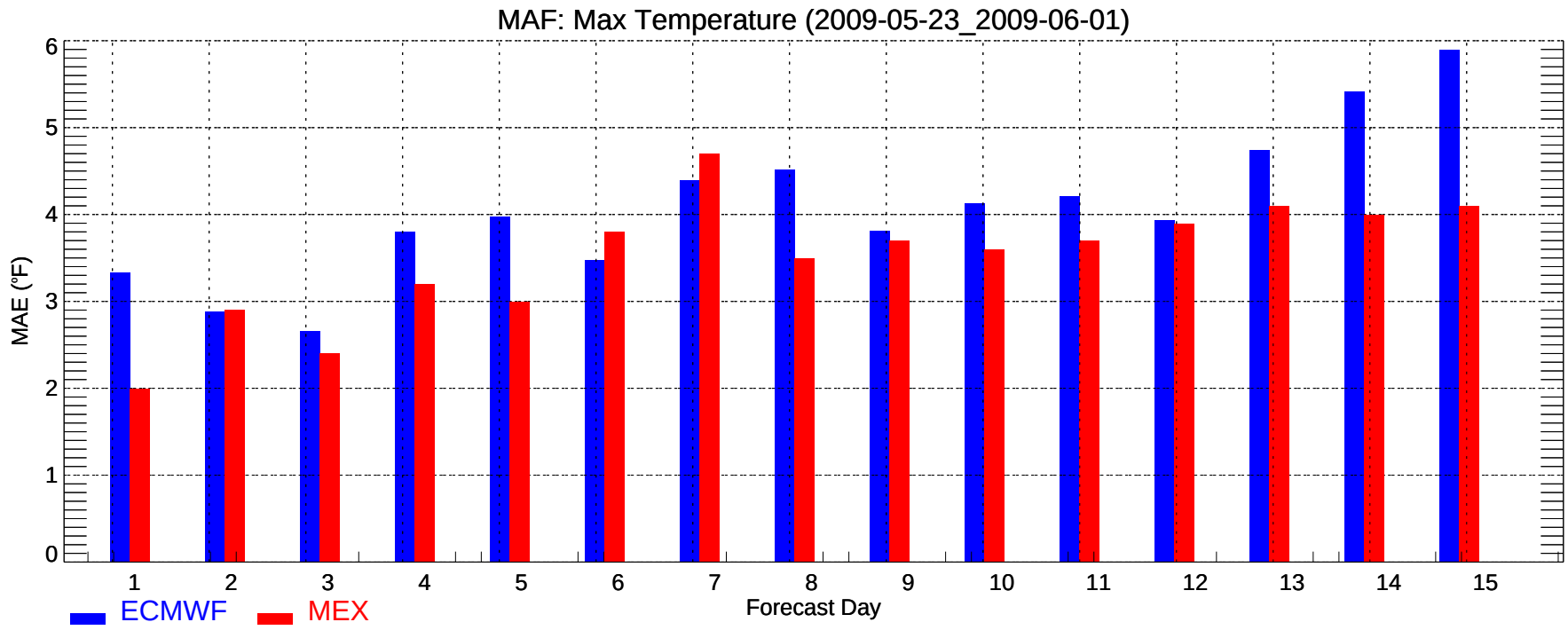

LIT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

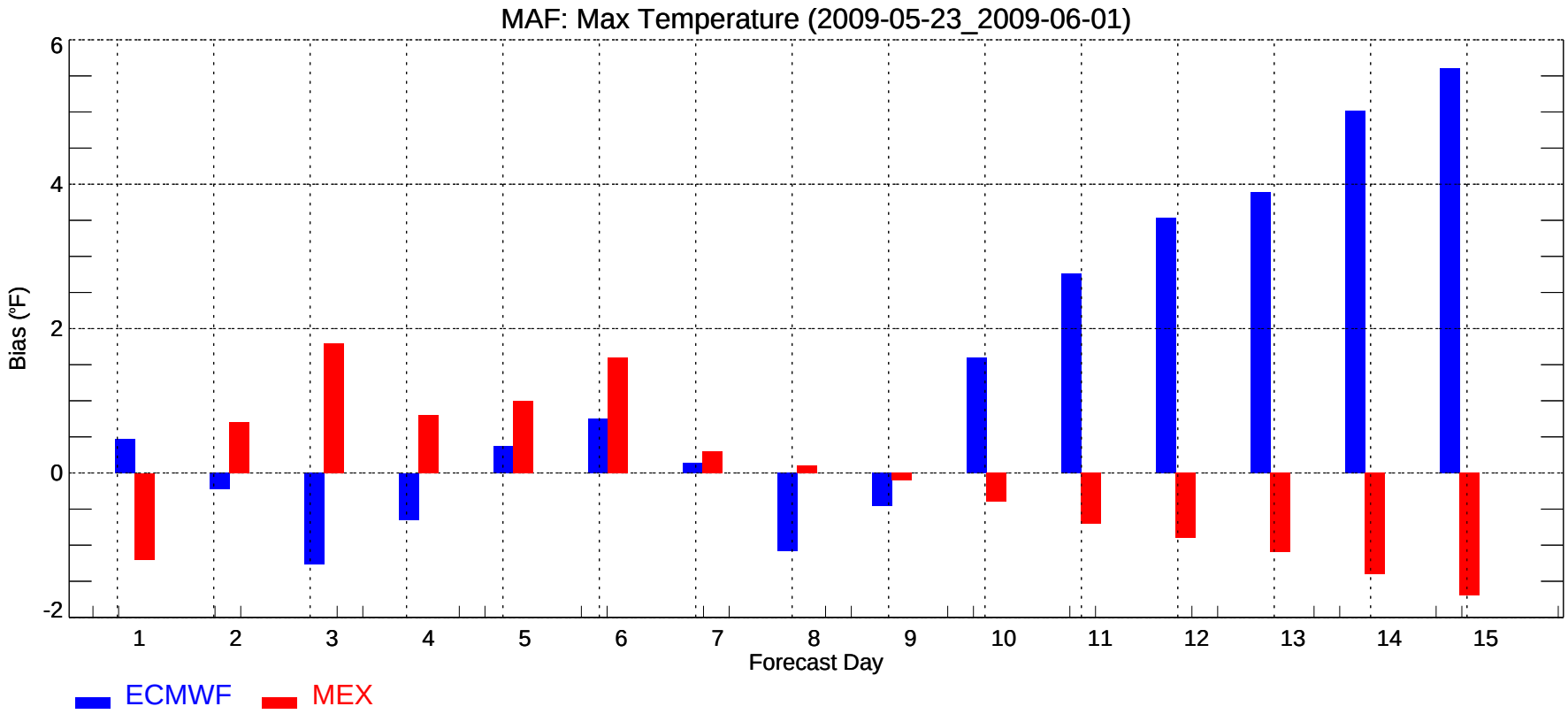

LNS: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

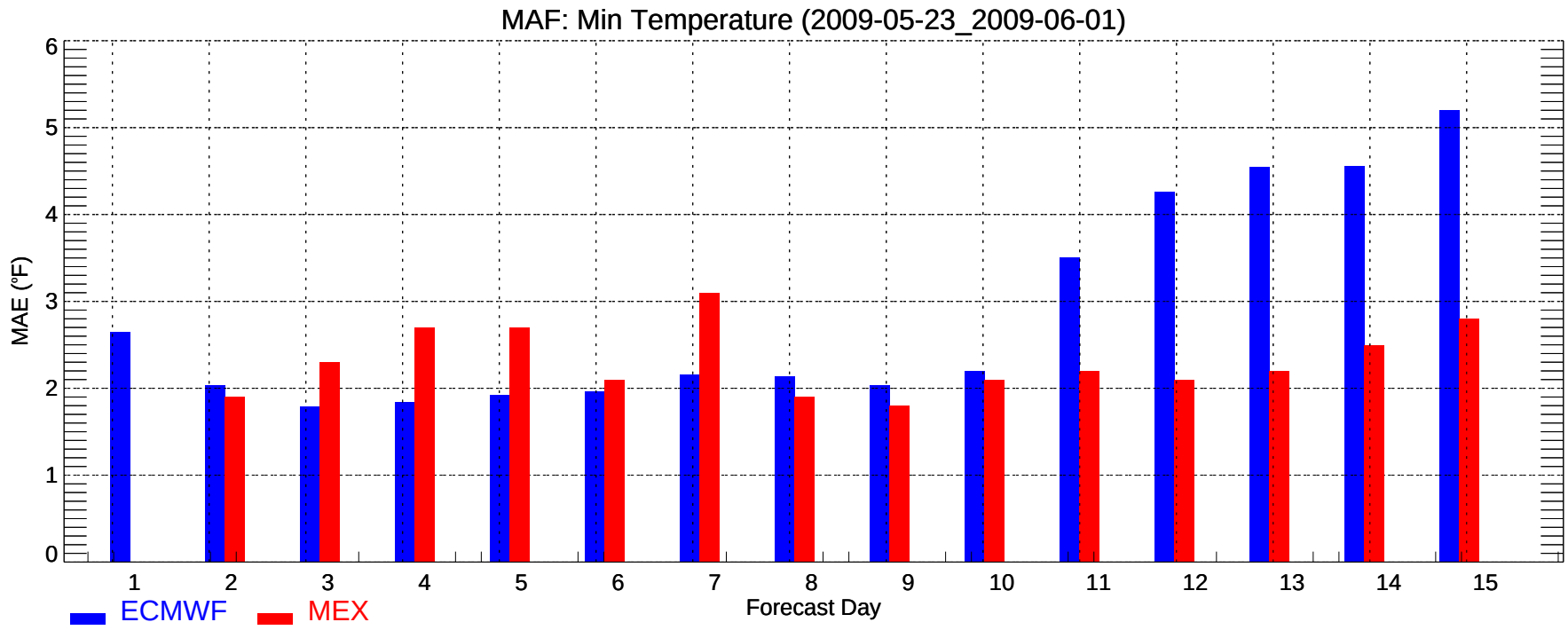

LNS: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

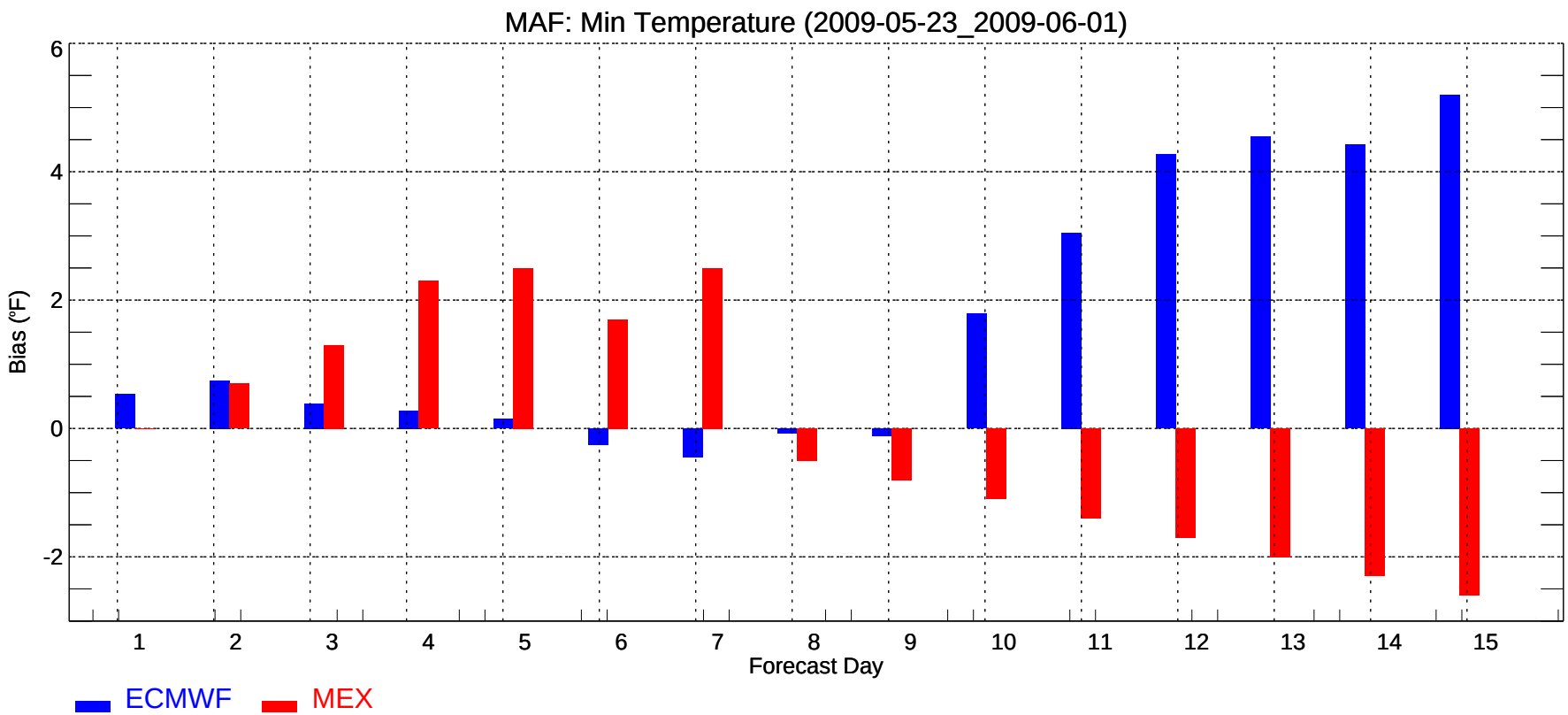

LNS: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

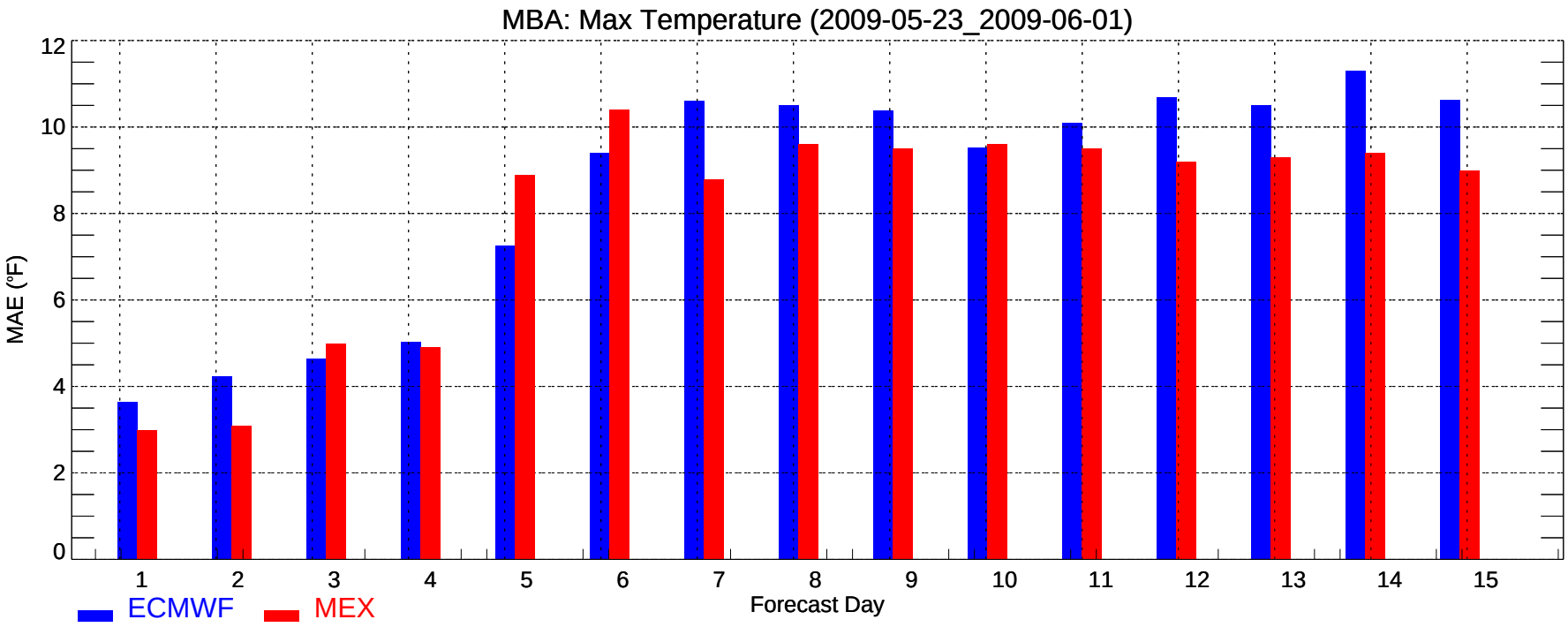

LNS: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

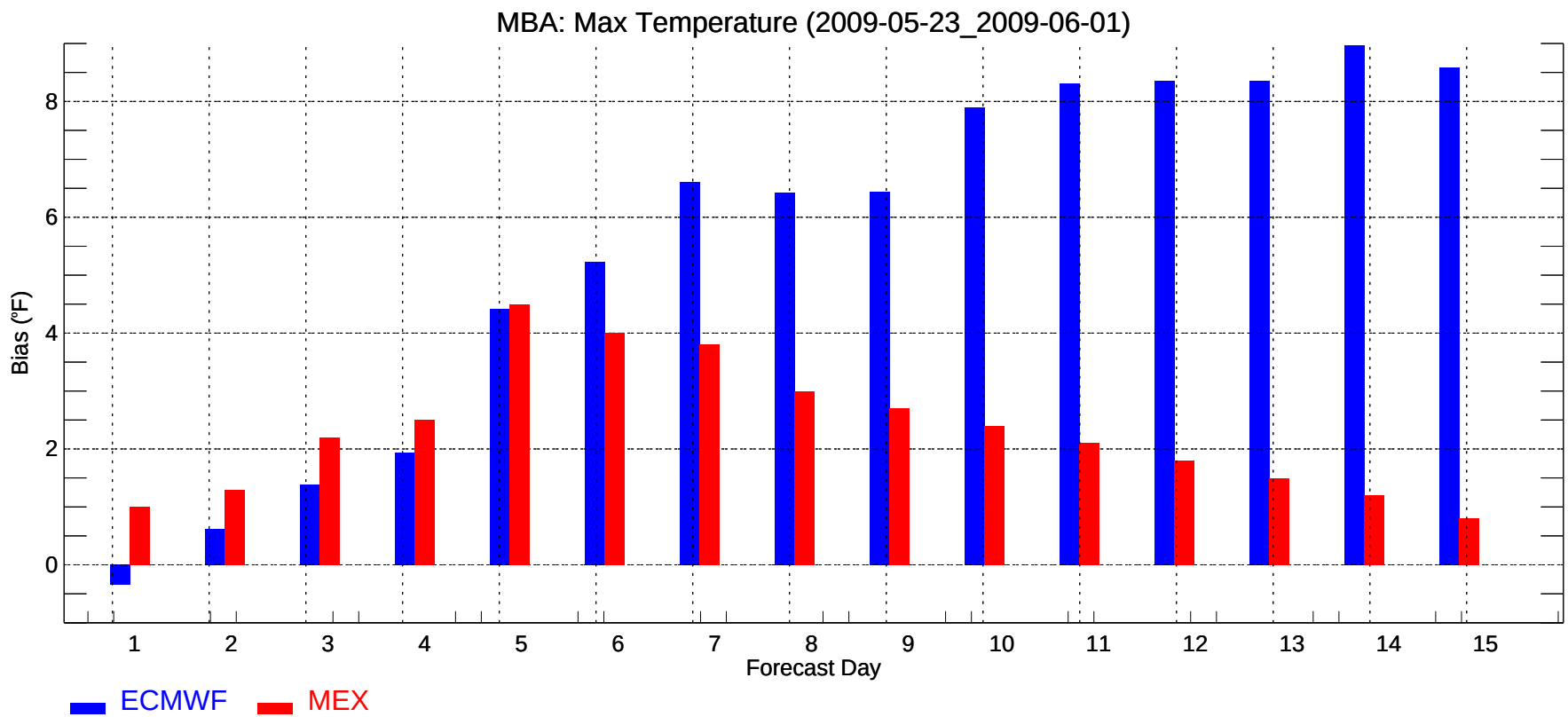

MAF: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

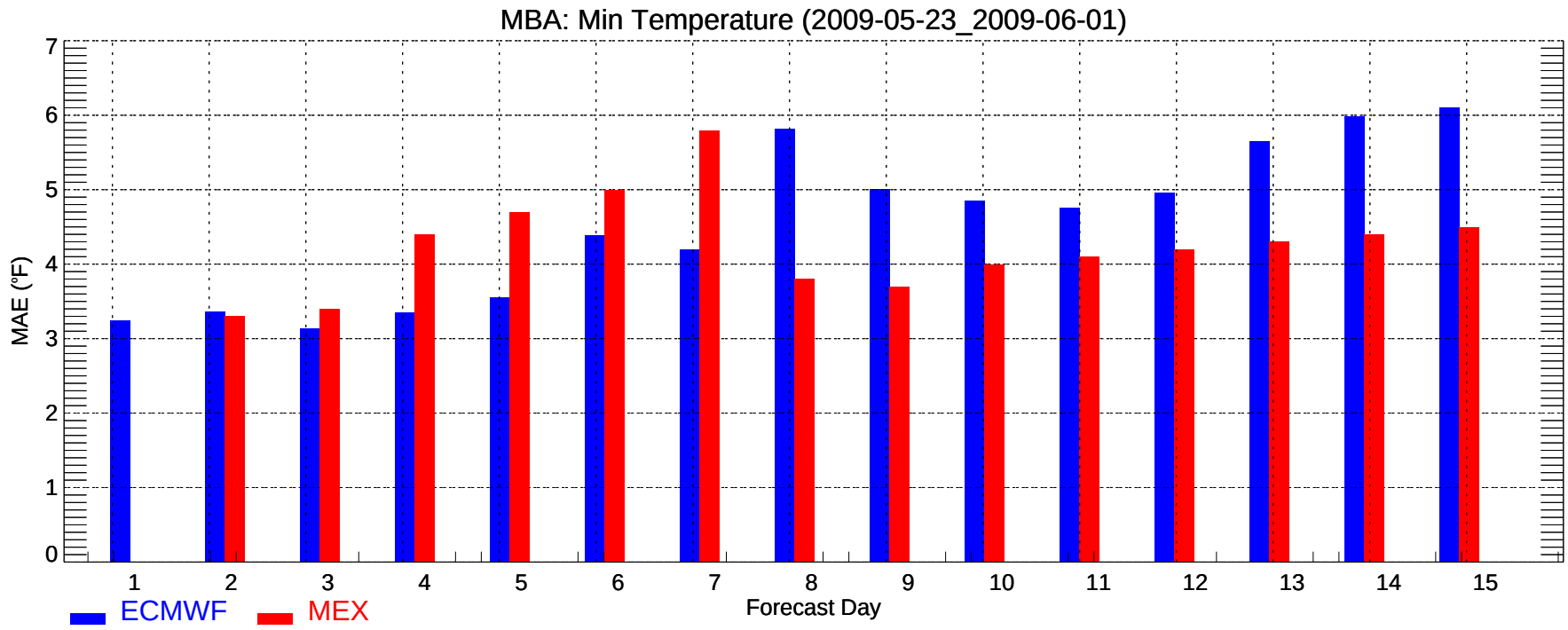

MAF: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

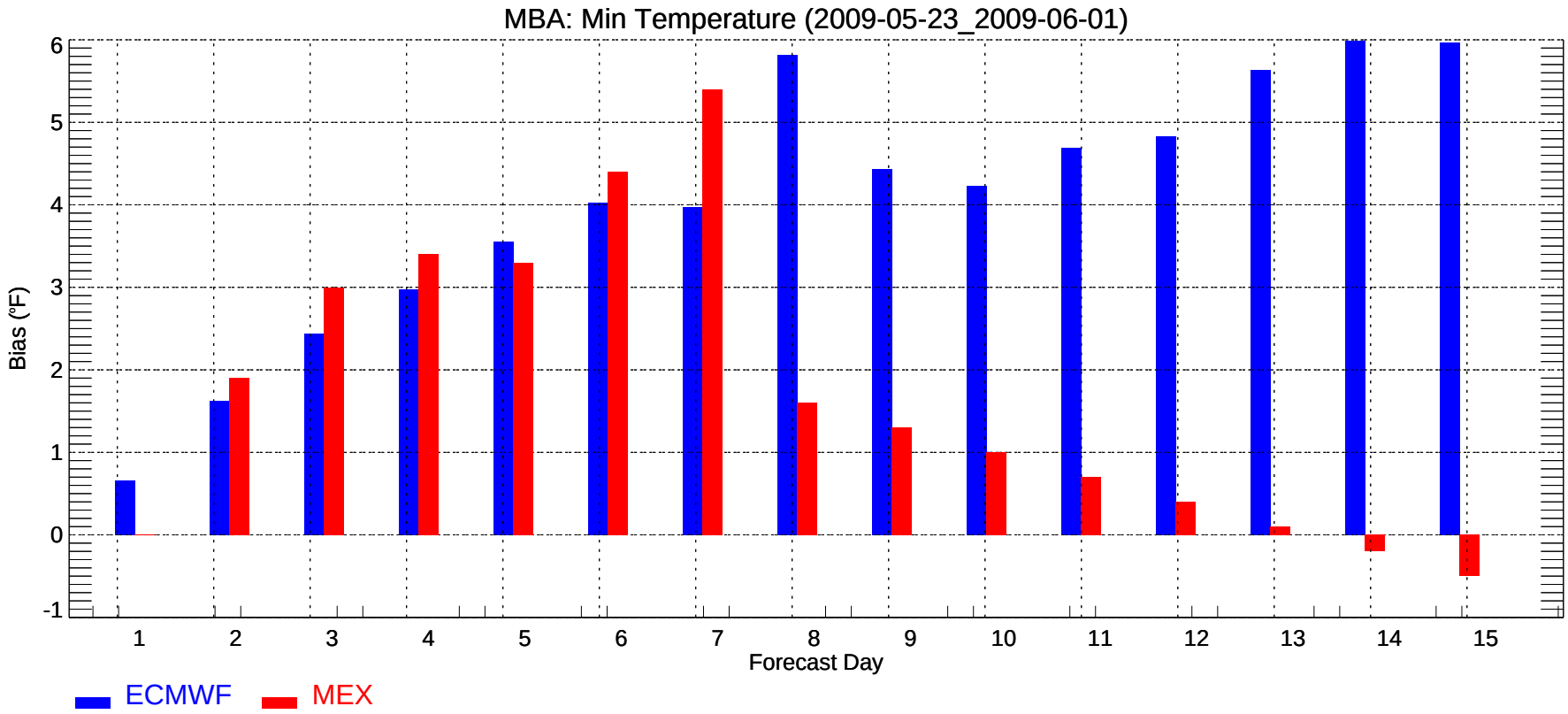

MAF: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

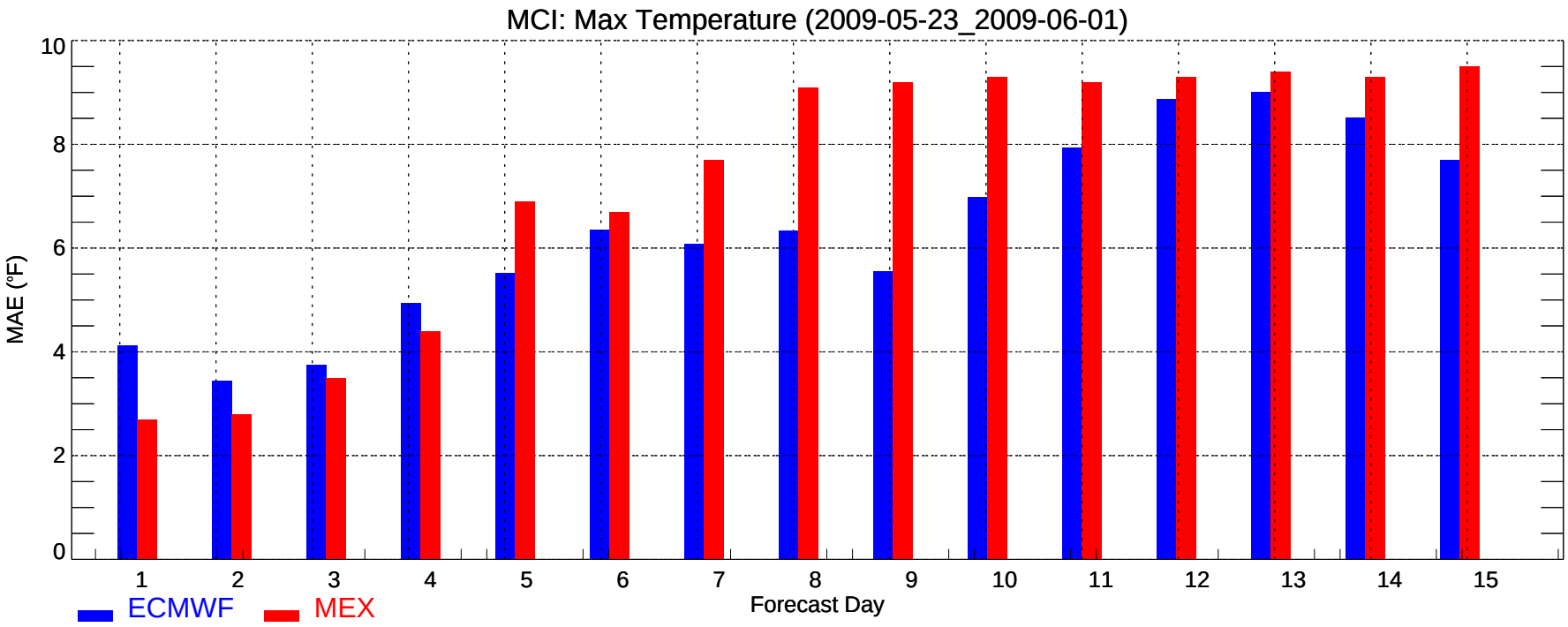

MAF: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
6
4
2
0
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

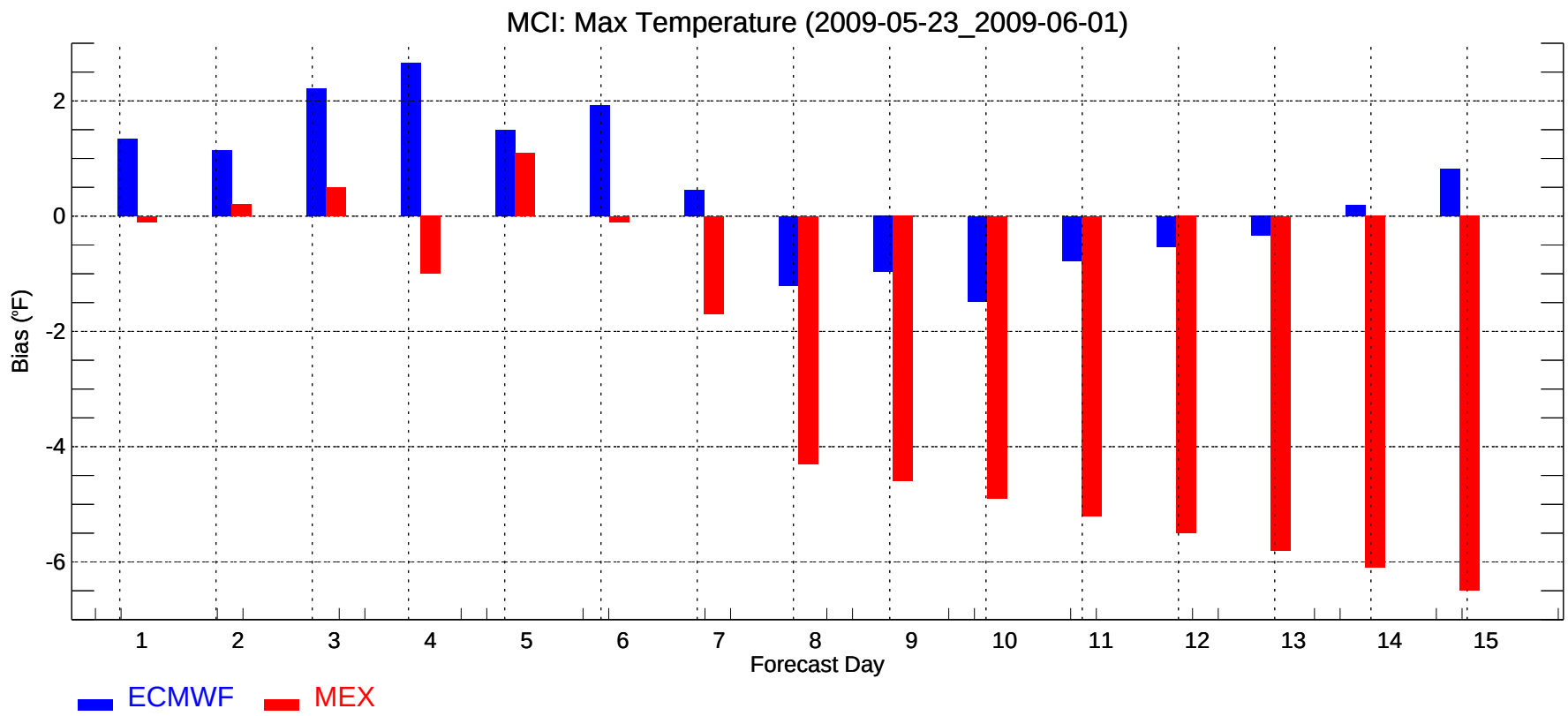

MBA: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

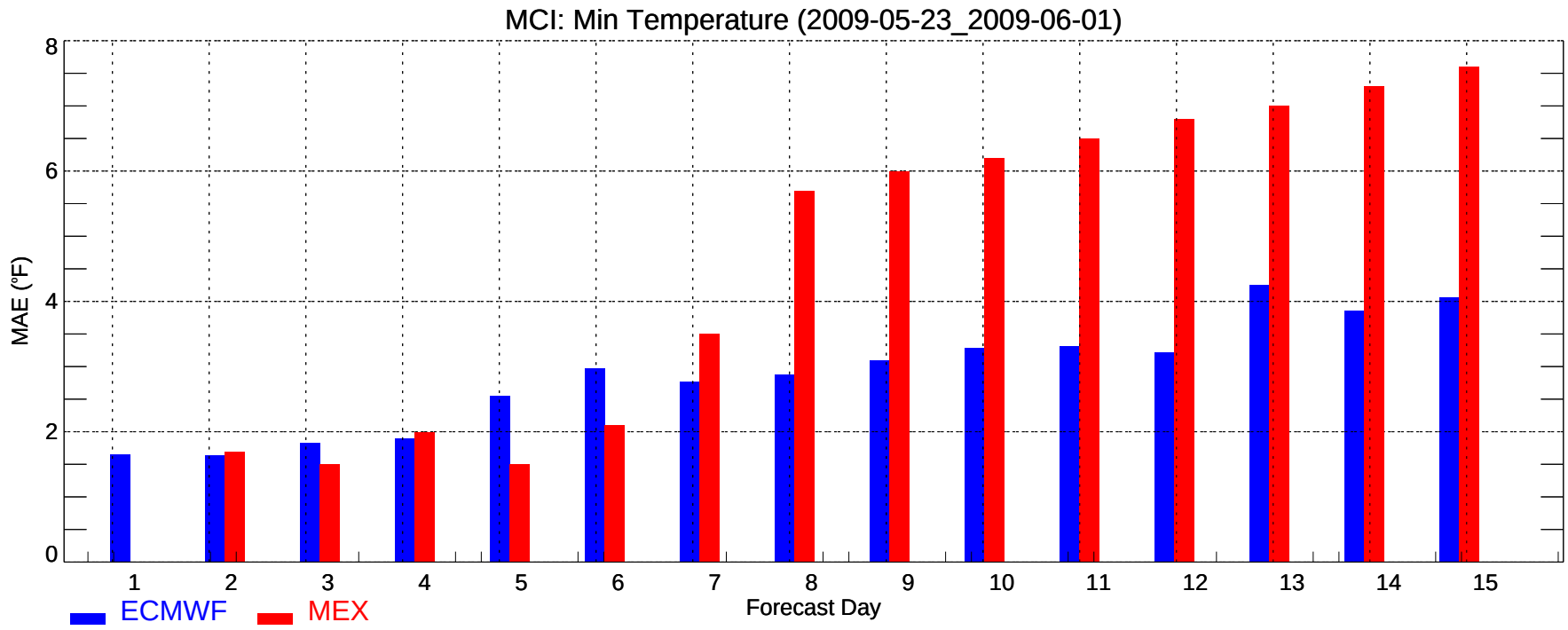

MBA: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

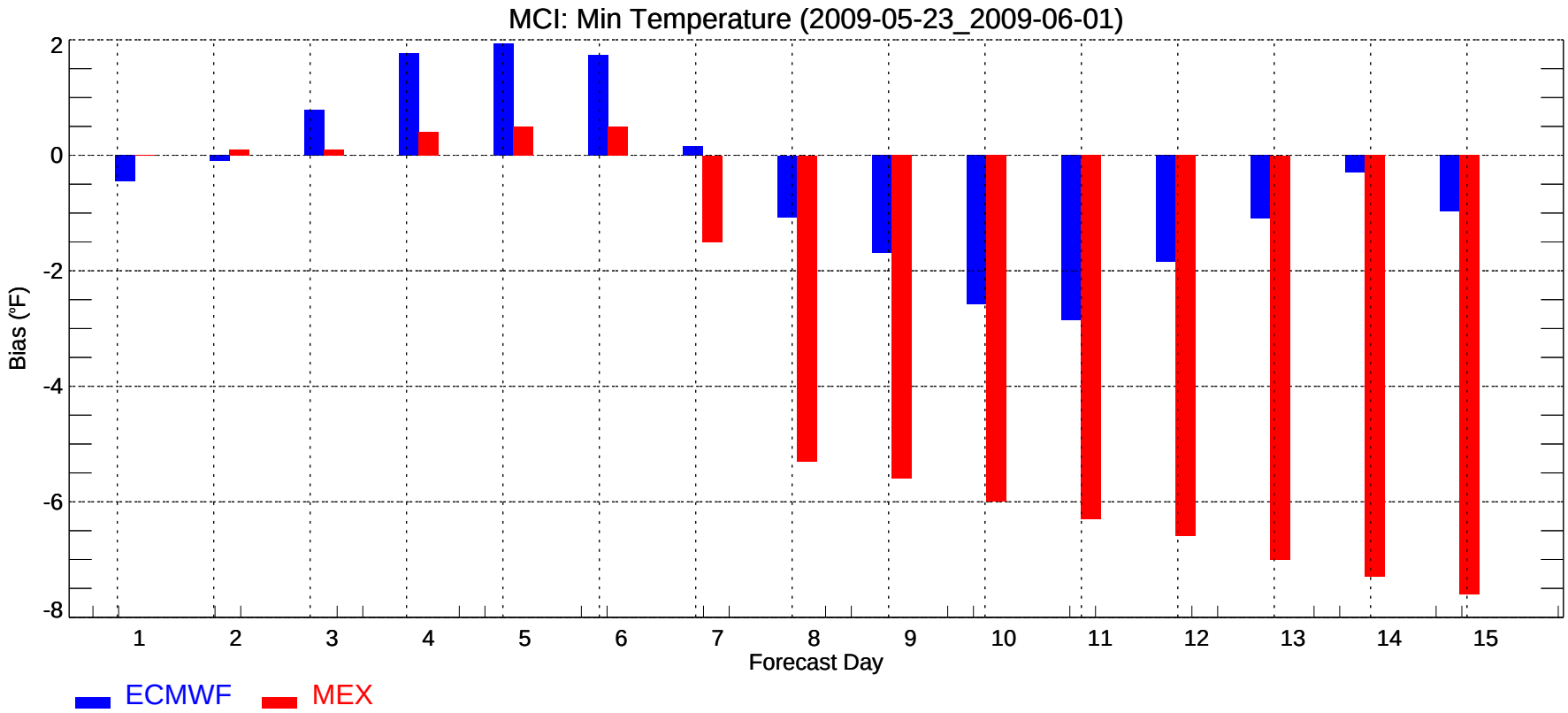

MBA: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

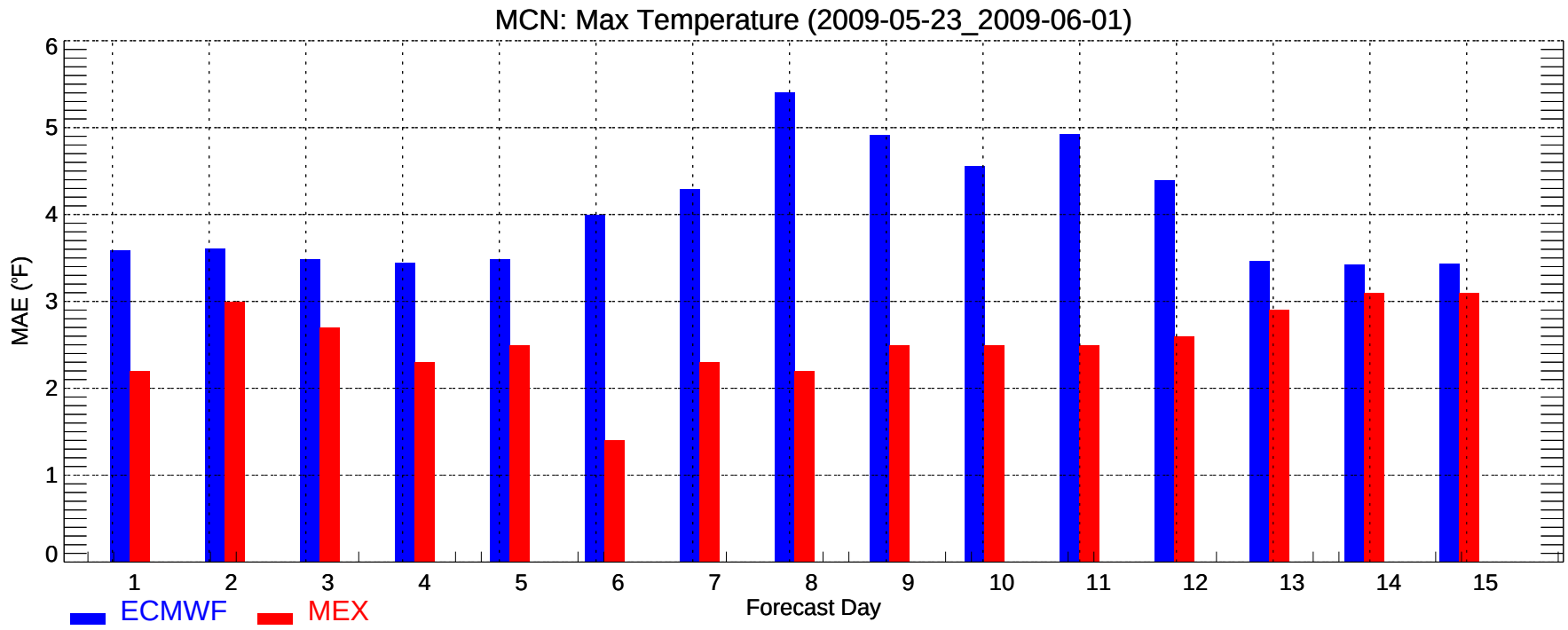

MBA: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

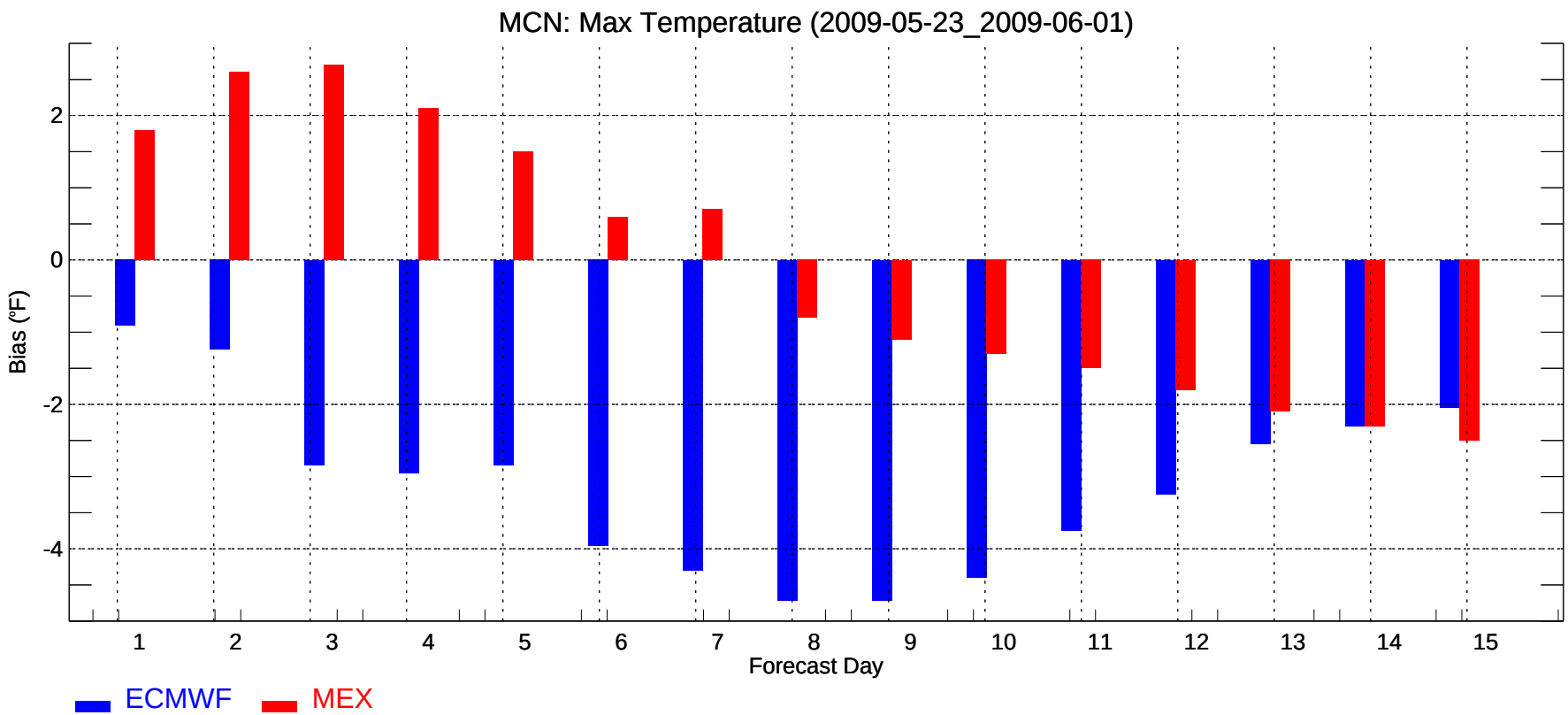

MCI: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
Forecast Day
ECMWF
MEX

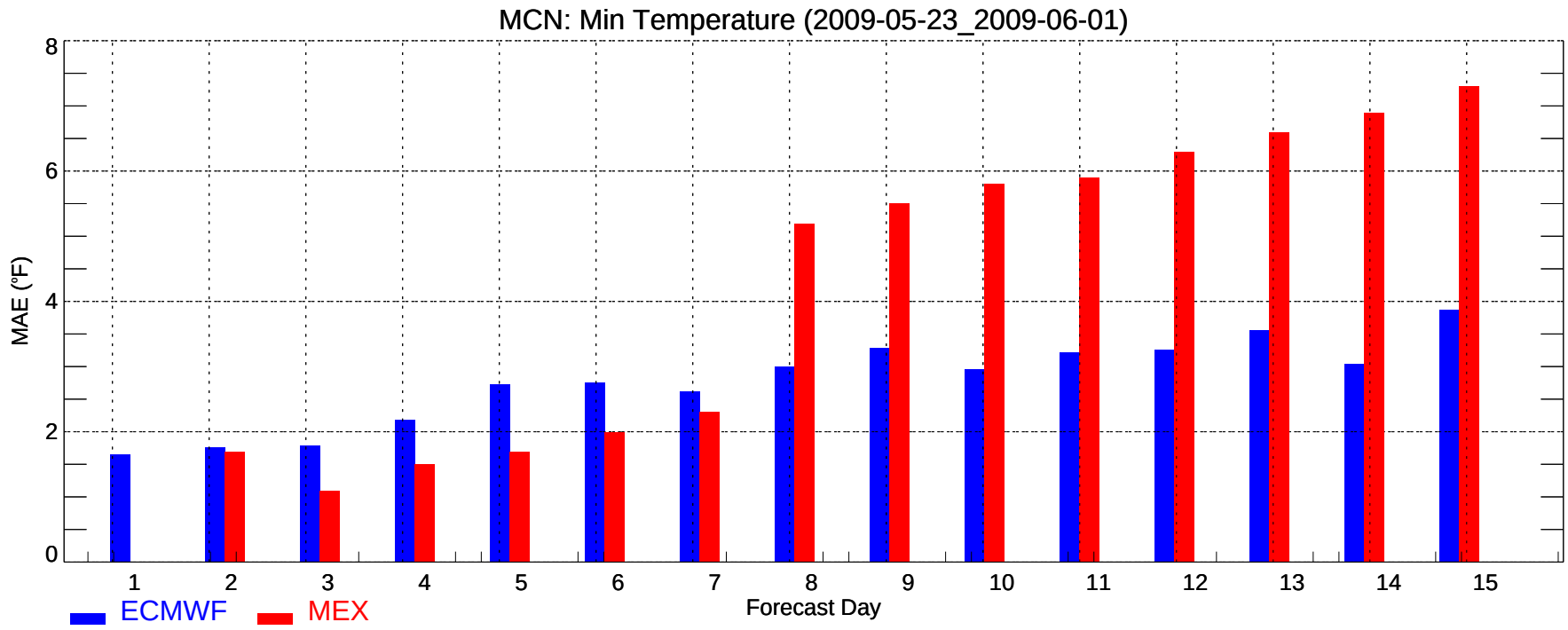

MCI: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
Forecast Day
ECMWF
MEX

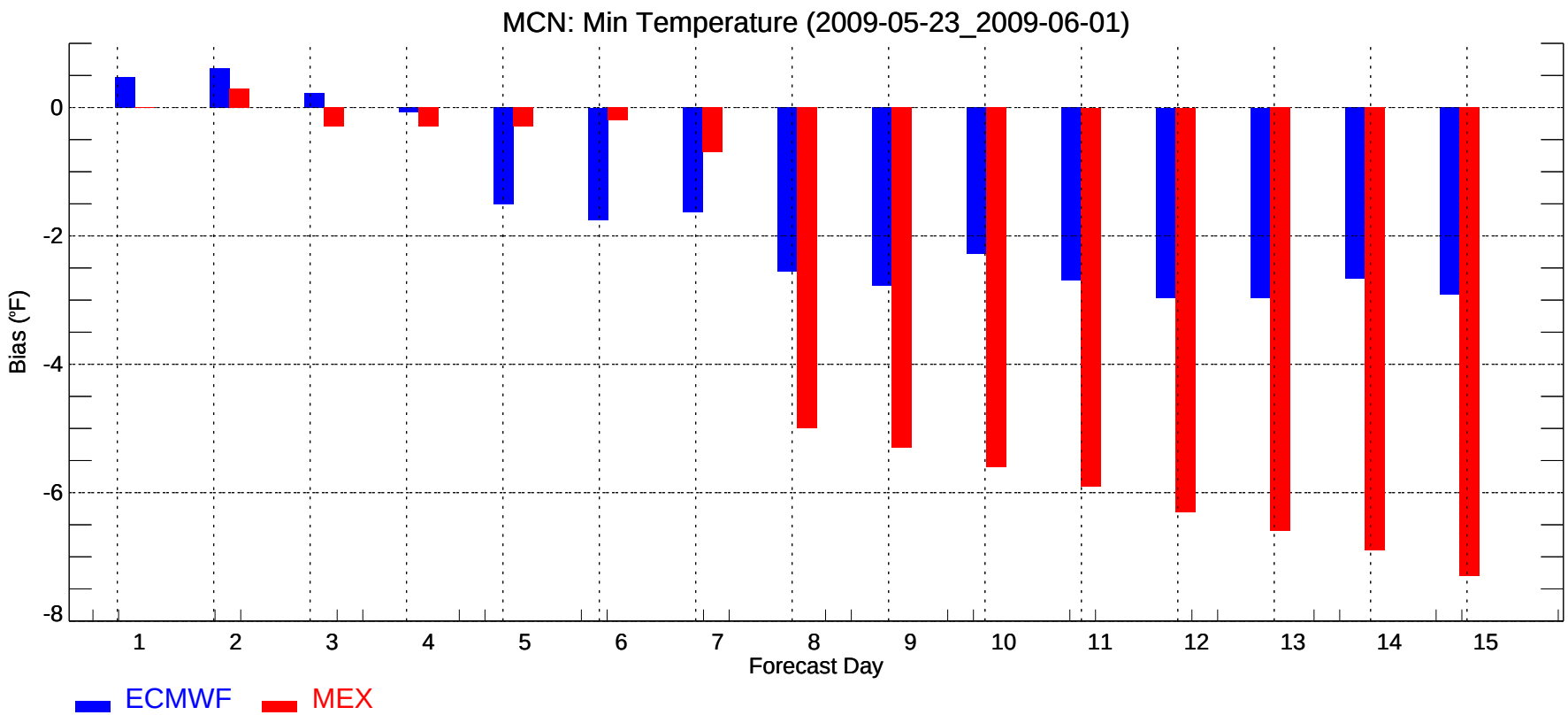

MCI: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MCI: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MCN: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MCN: Max Temperature (2009-05-23_2009-06-01)
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


MCN: Min Temperature (2009-05-23_2009-06-01)
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


MCN: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
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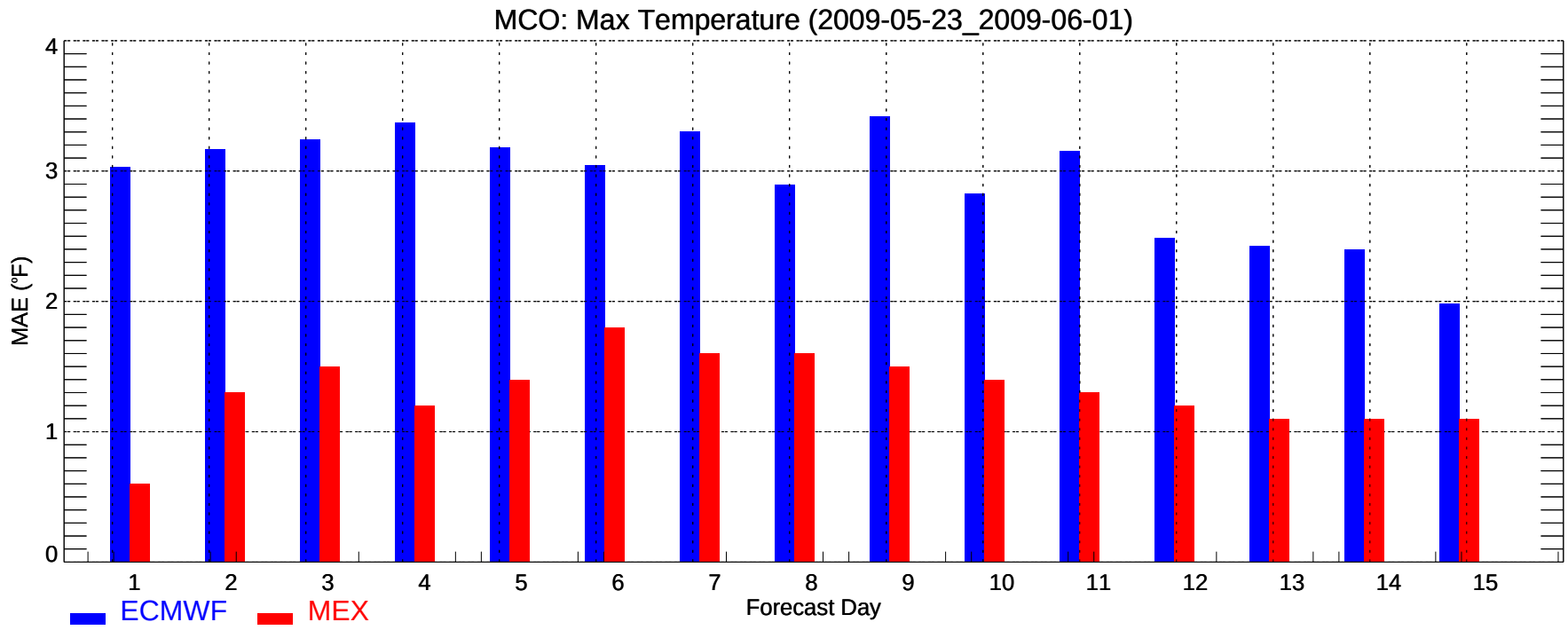
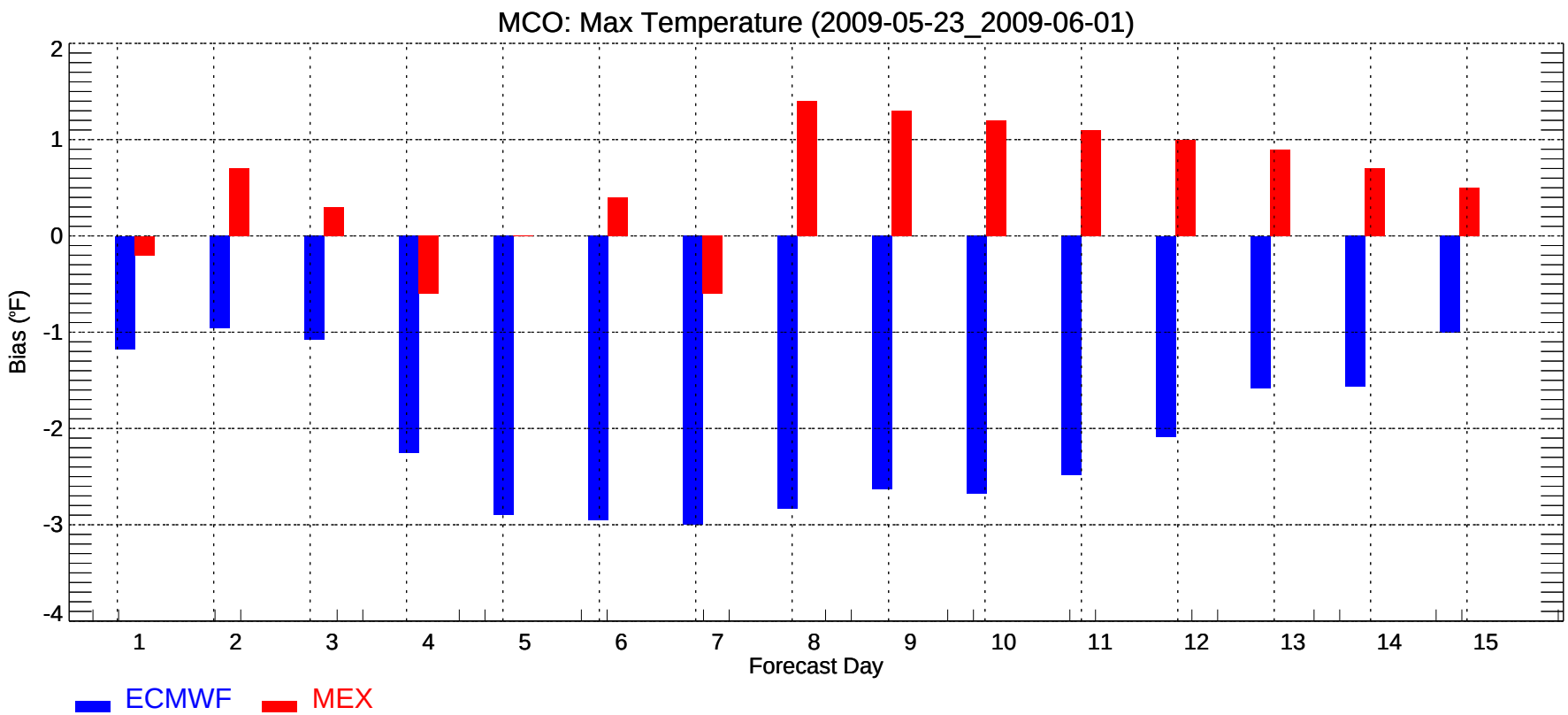
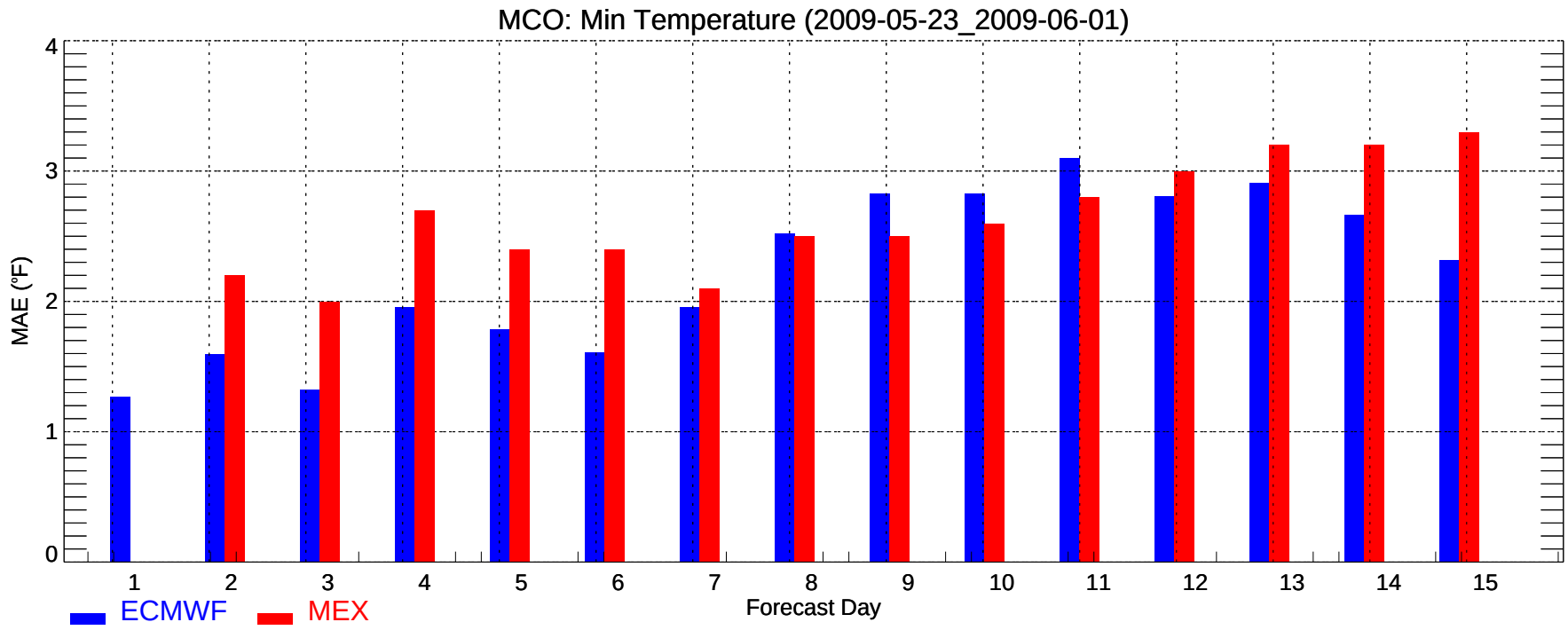
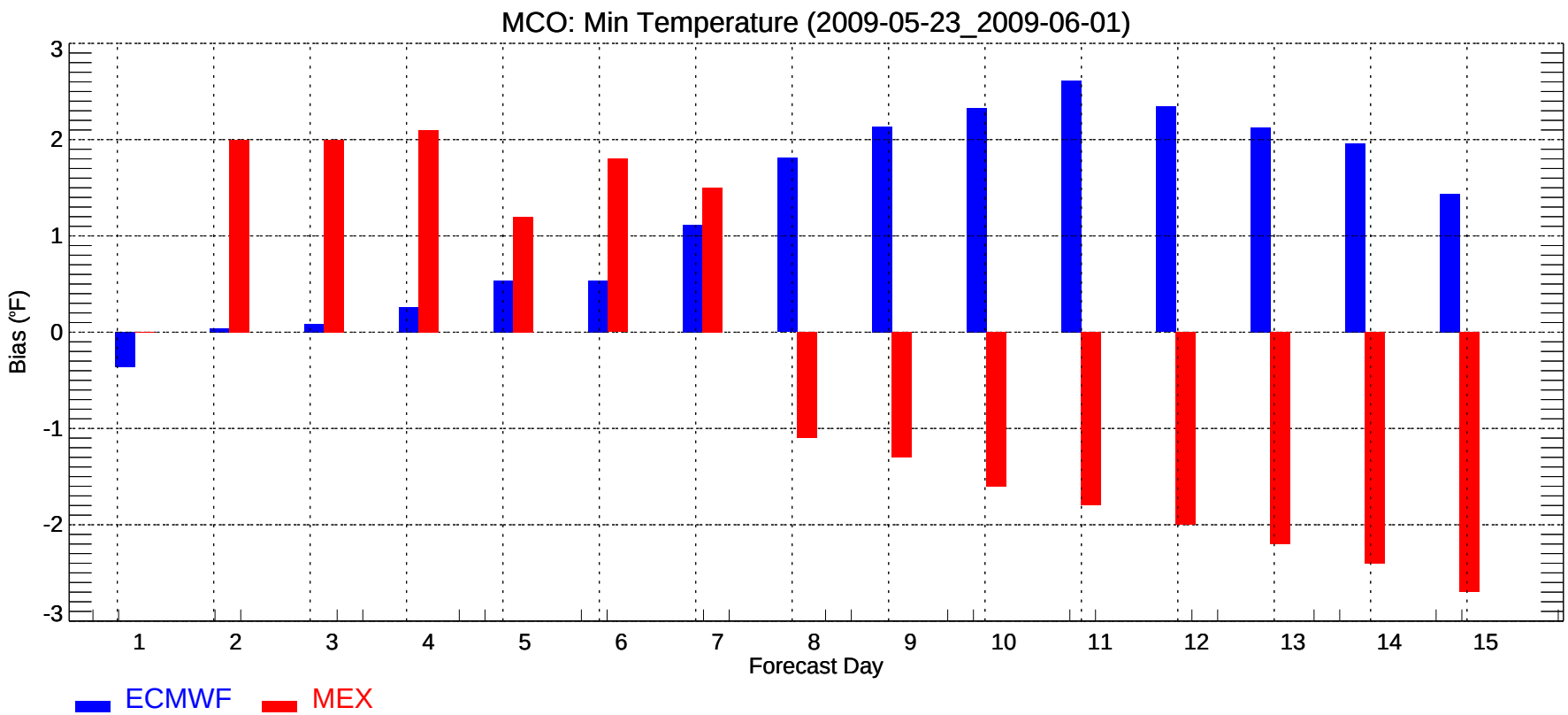
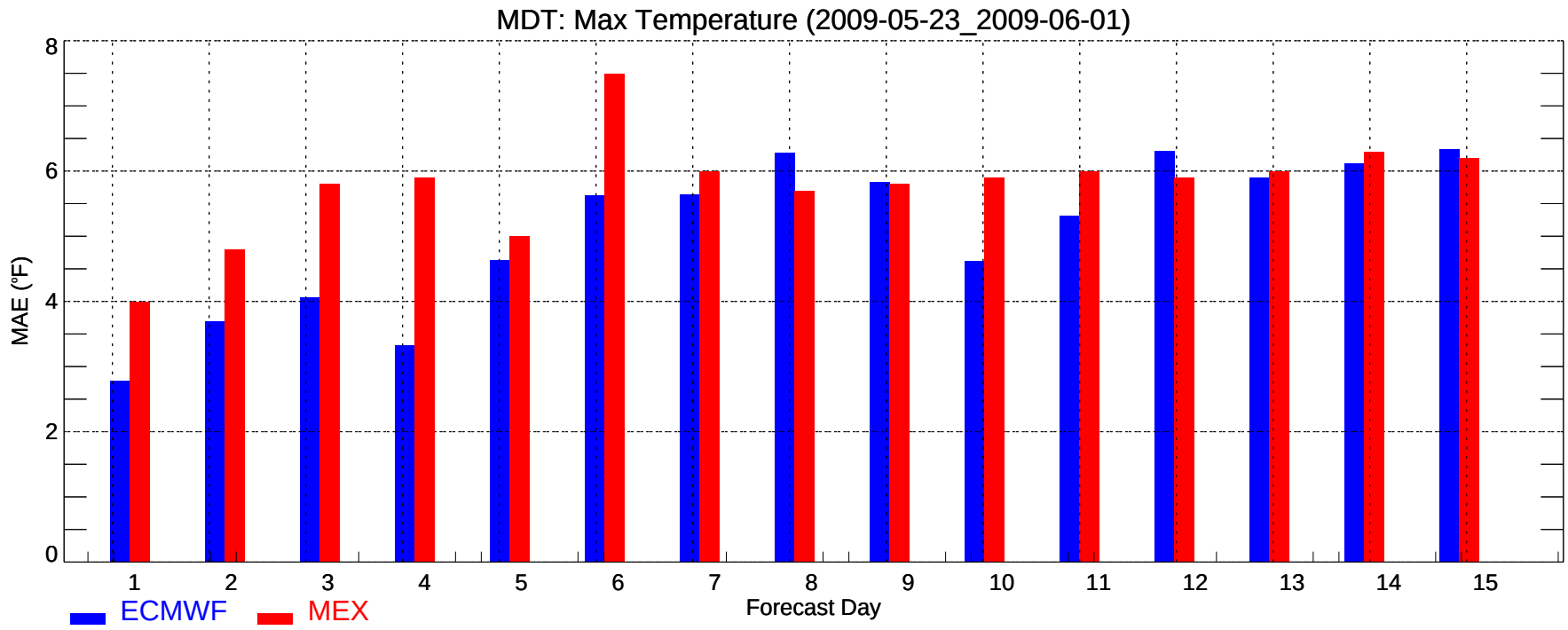
13
14
15
Forecast Day
ECMWF
MEX

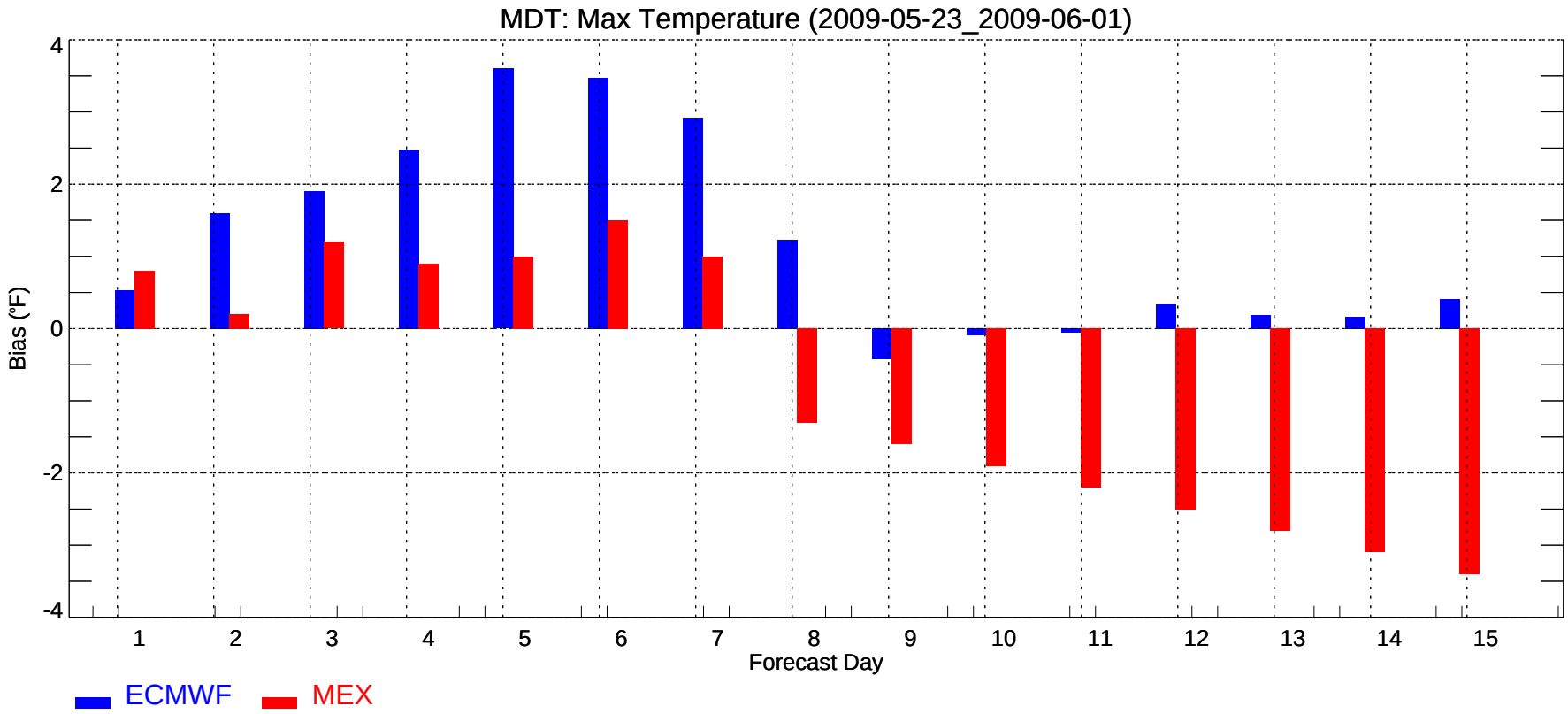

MCO: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MCO: Max Temperature (2009-05-23_2009-06-01)
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


MCO: Min Temperature (2009-05-23_2009-06-01)
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


MCO: Min Temperature (2009-05-23_2009-06-01)
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


MDT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MDT: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
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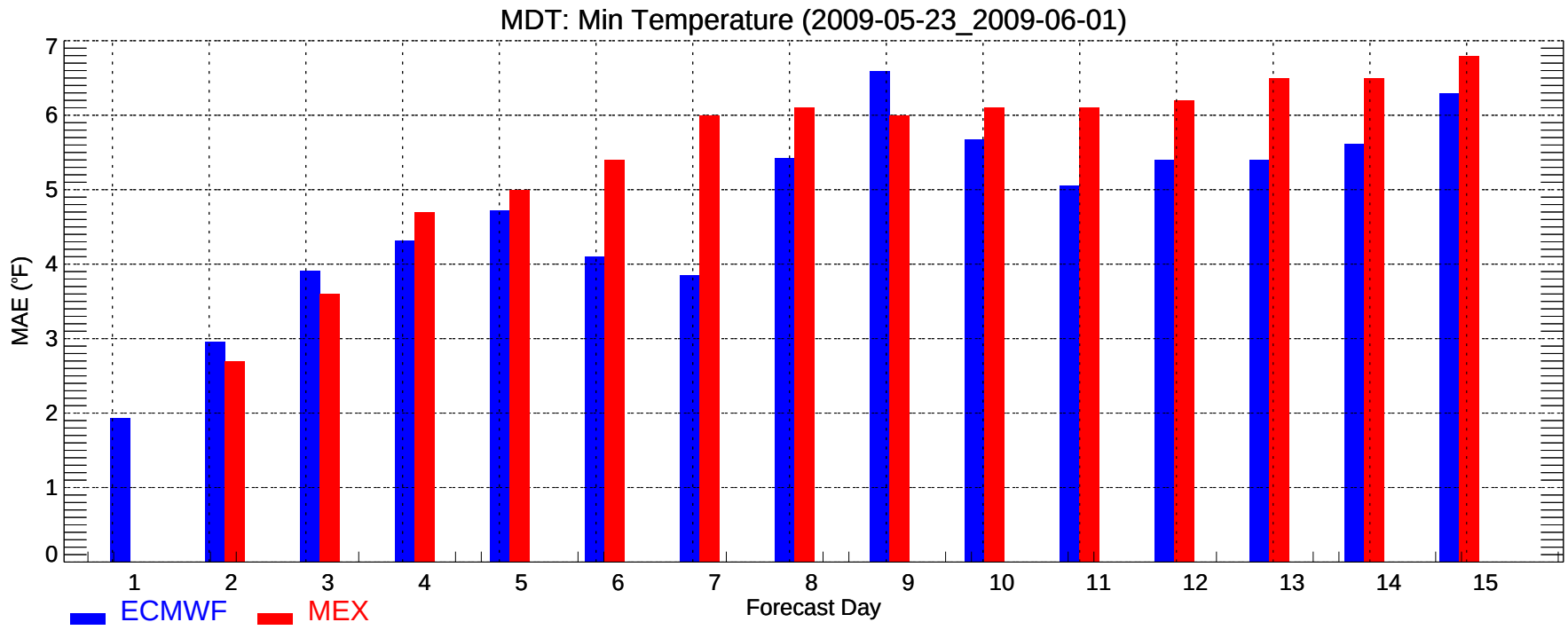
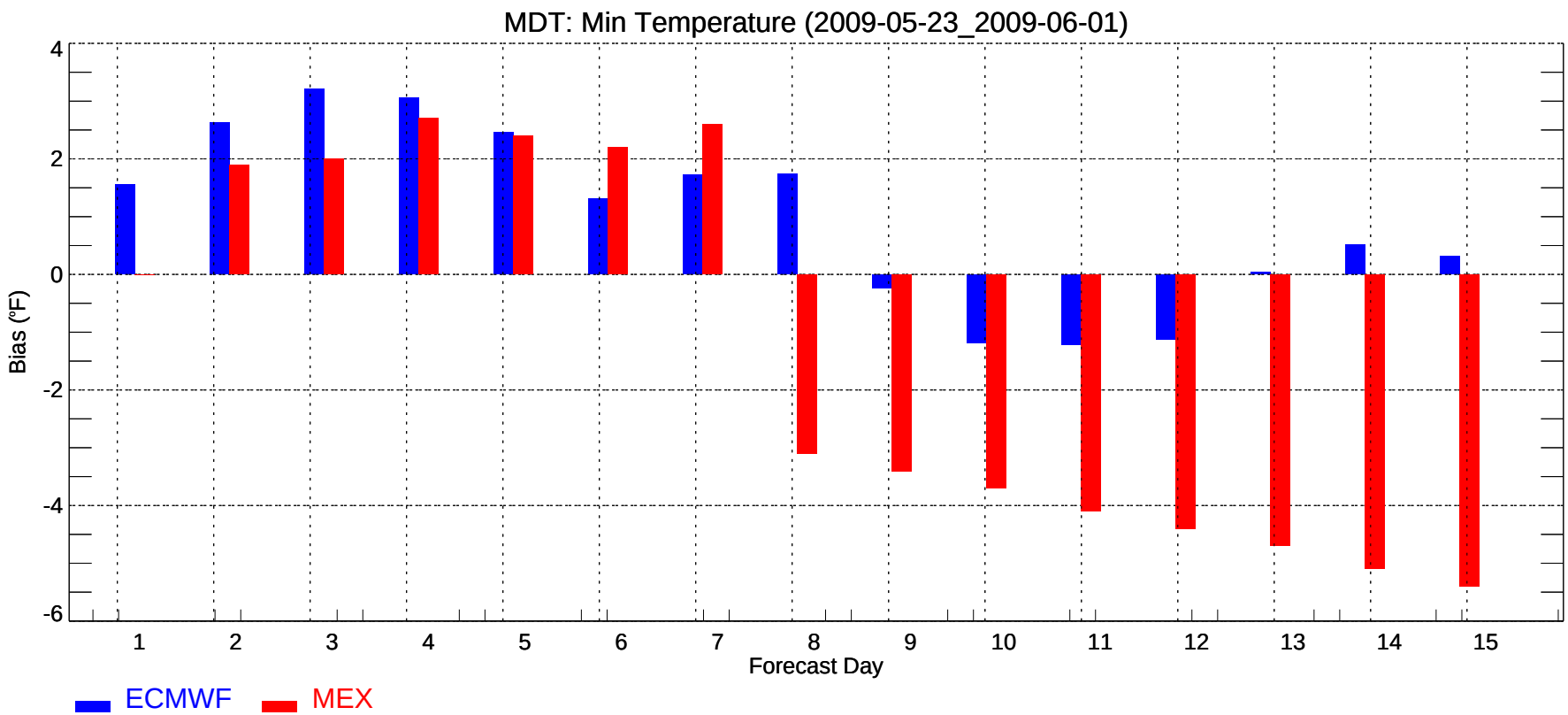
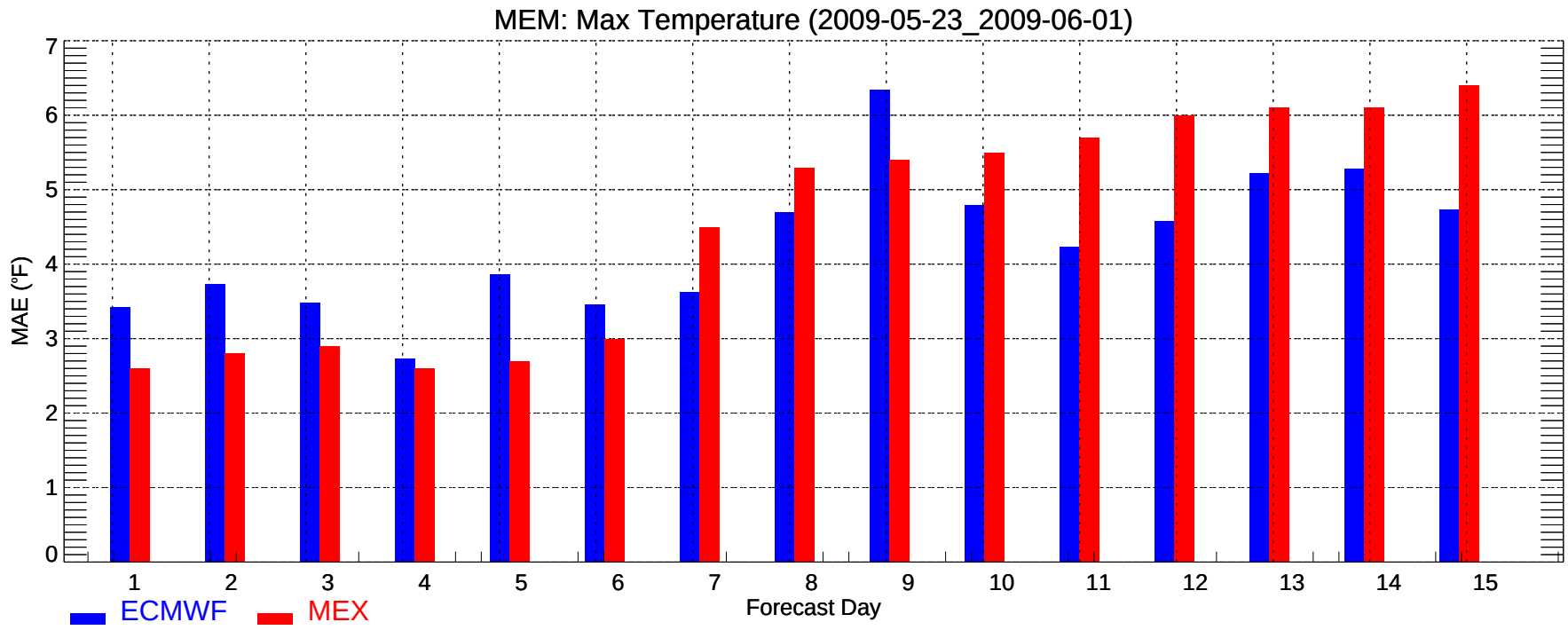
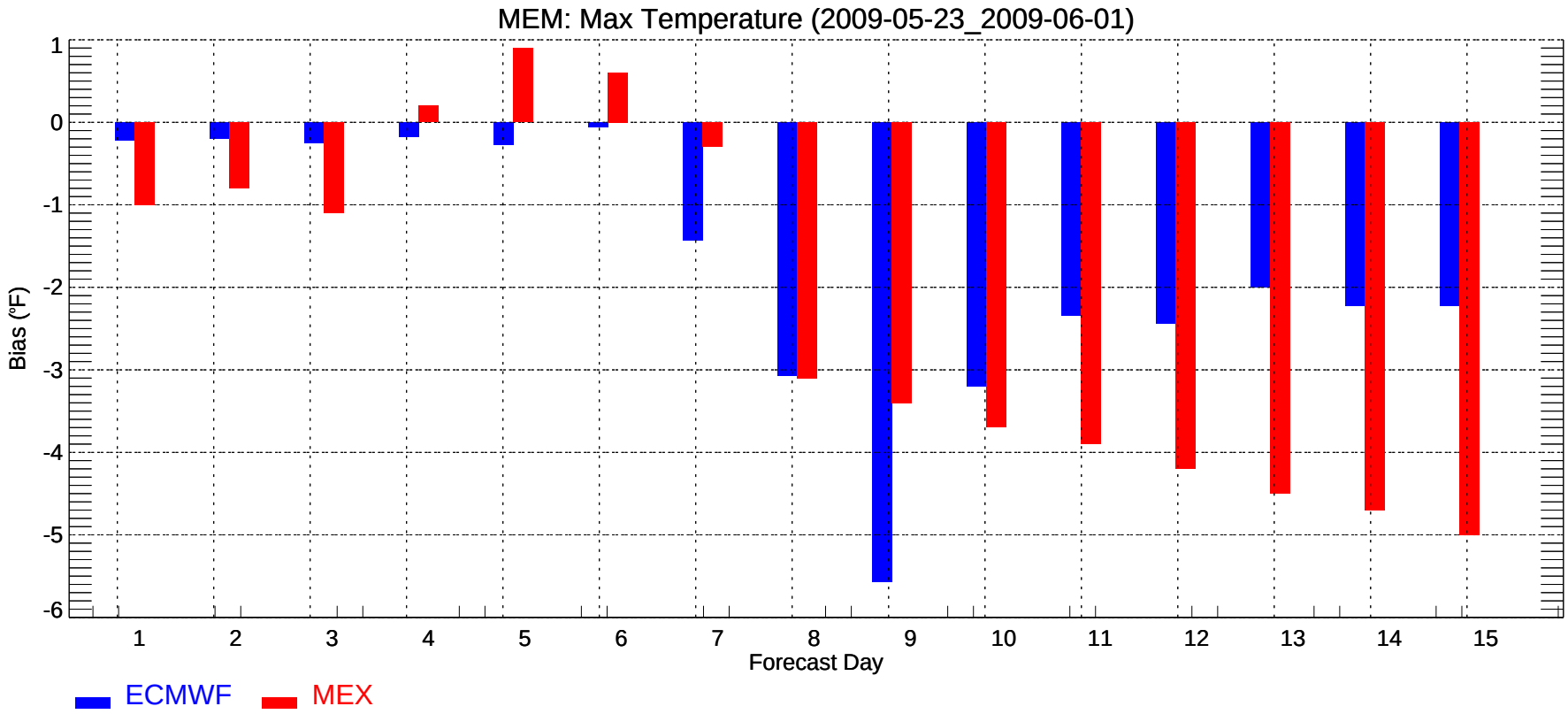
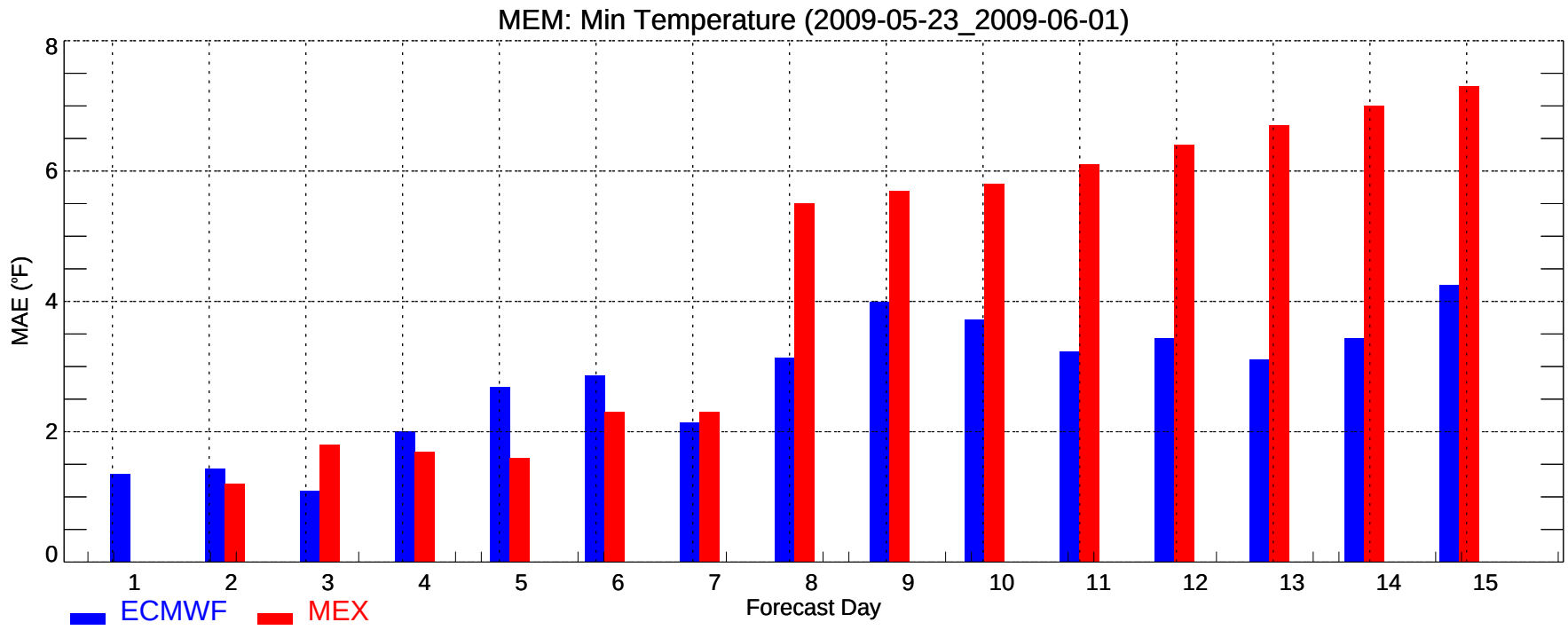
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

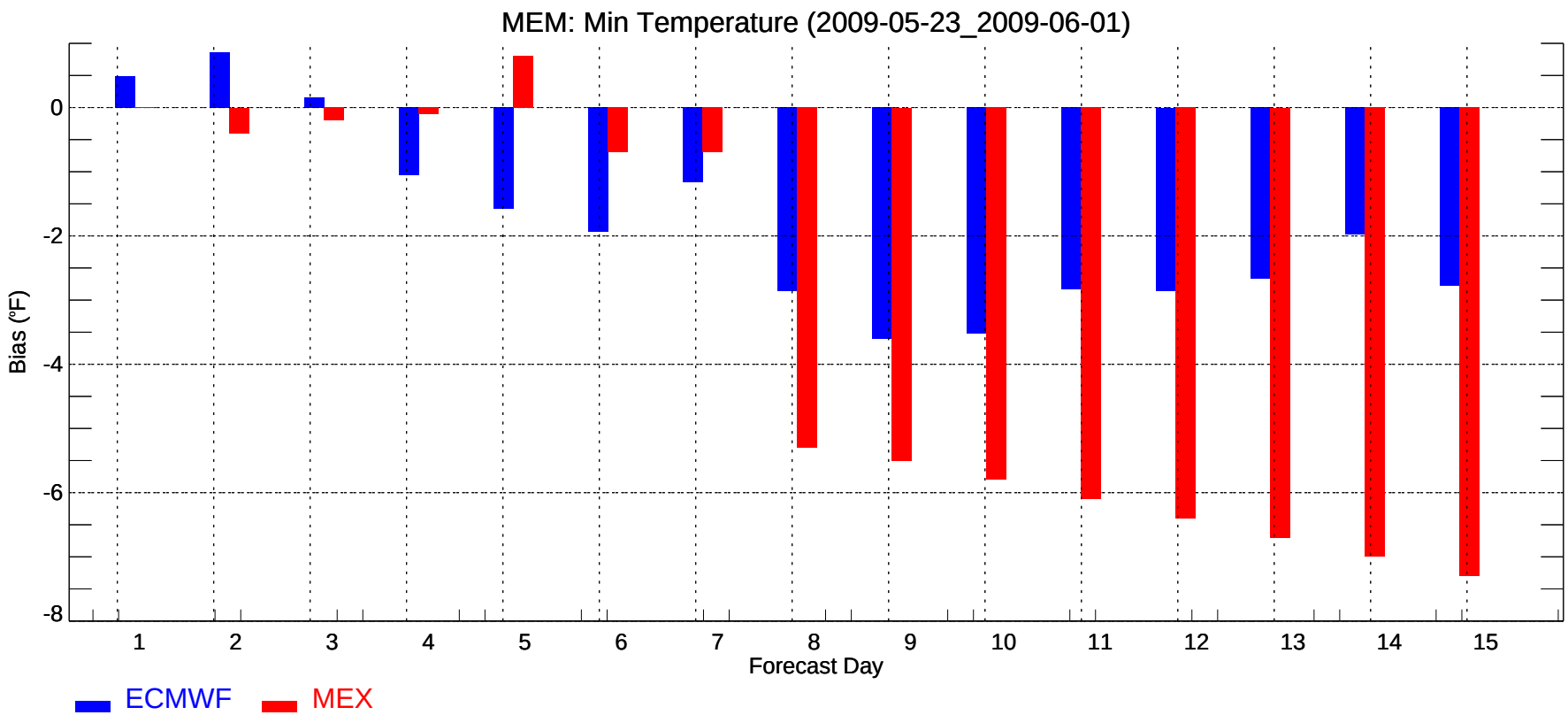

MDT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

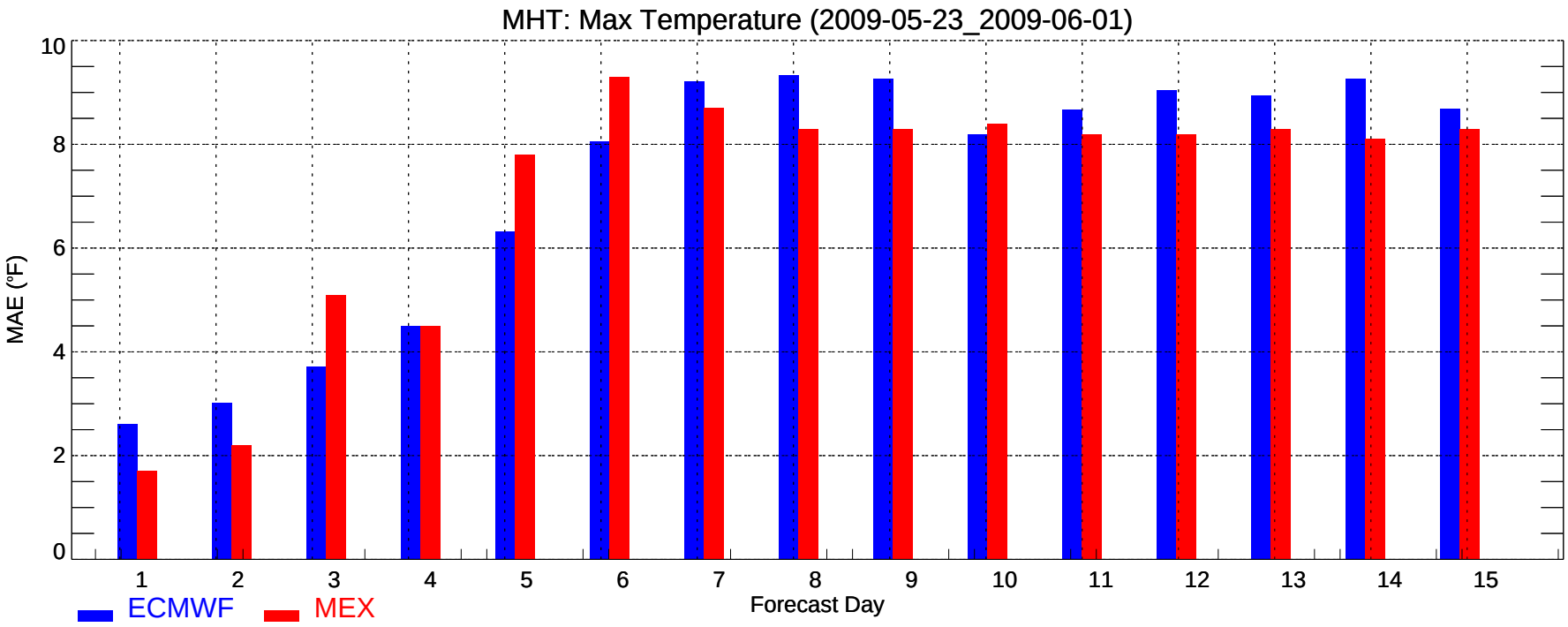

MDT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

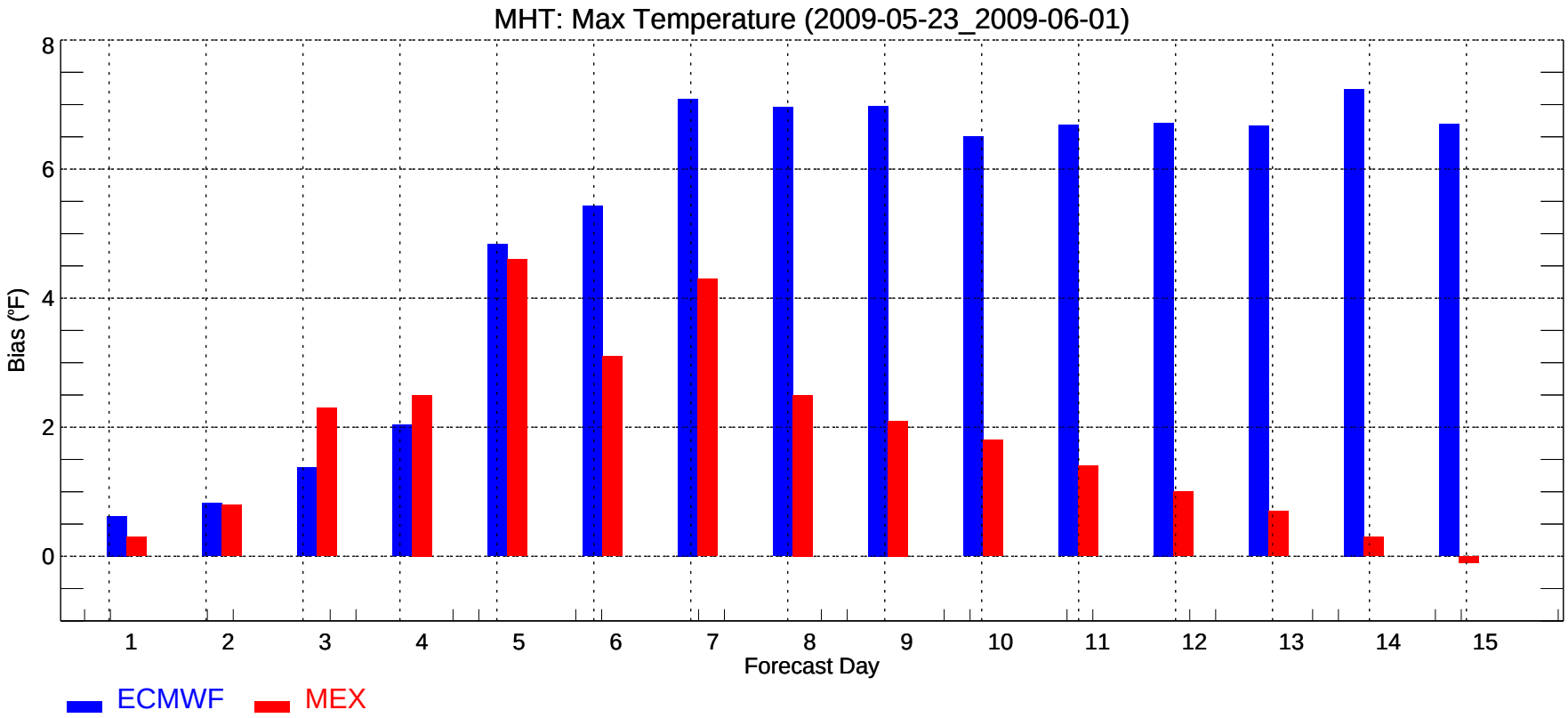

MEM: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

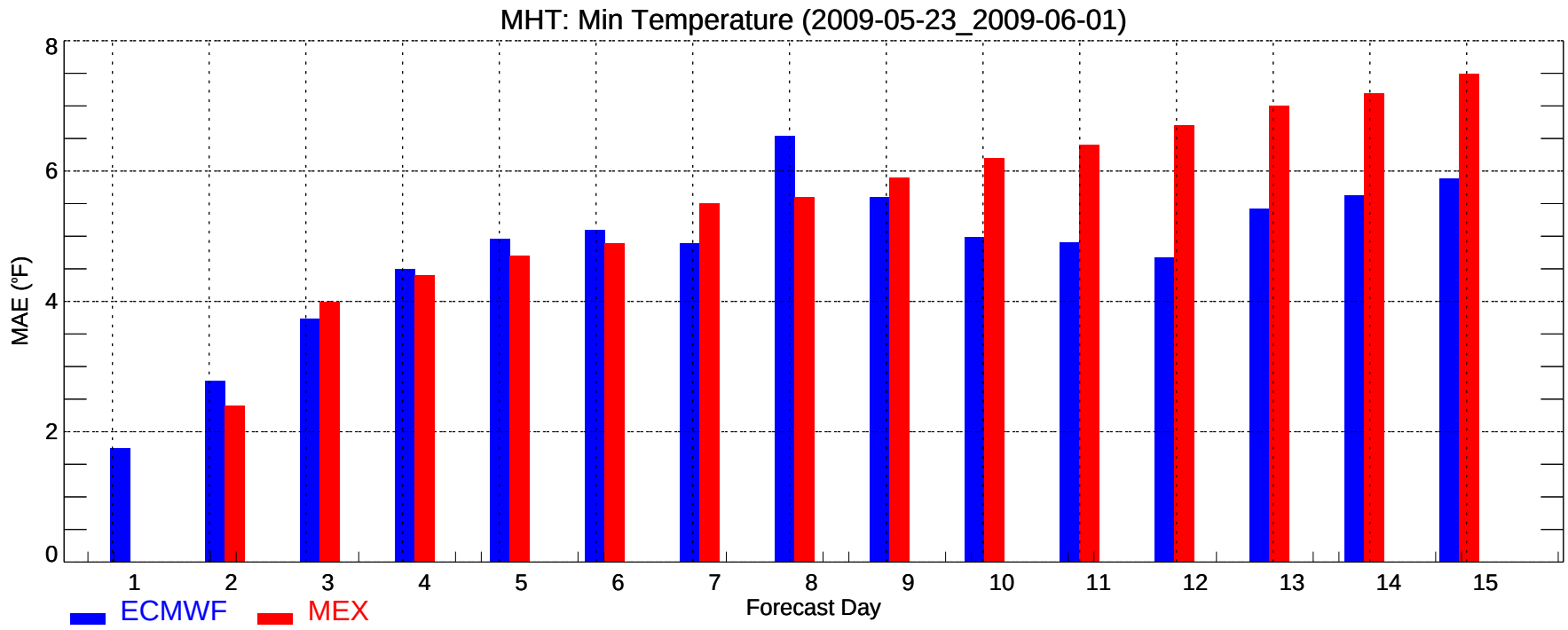

MEM: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

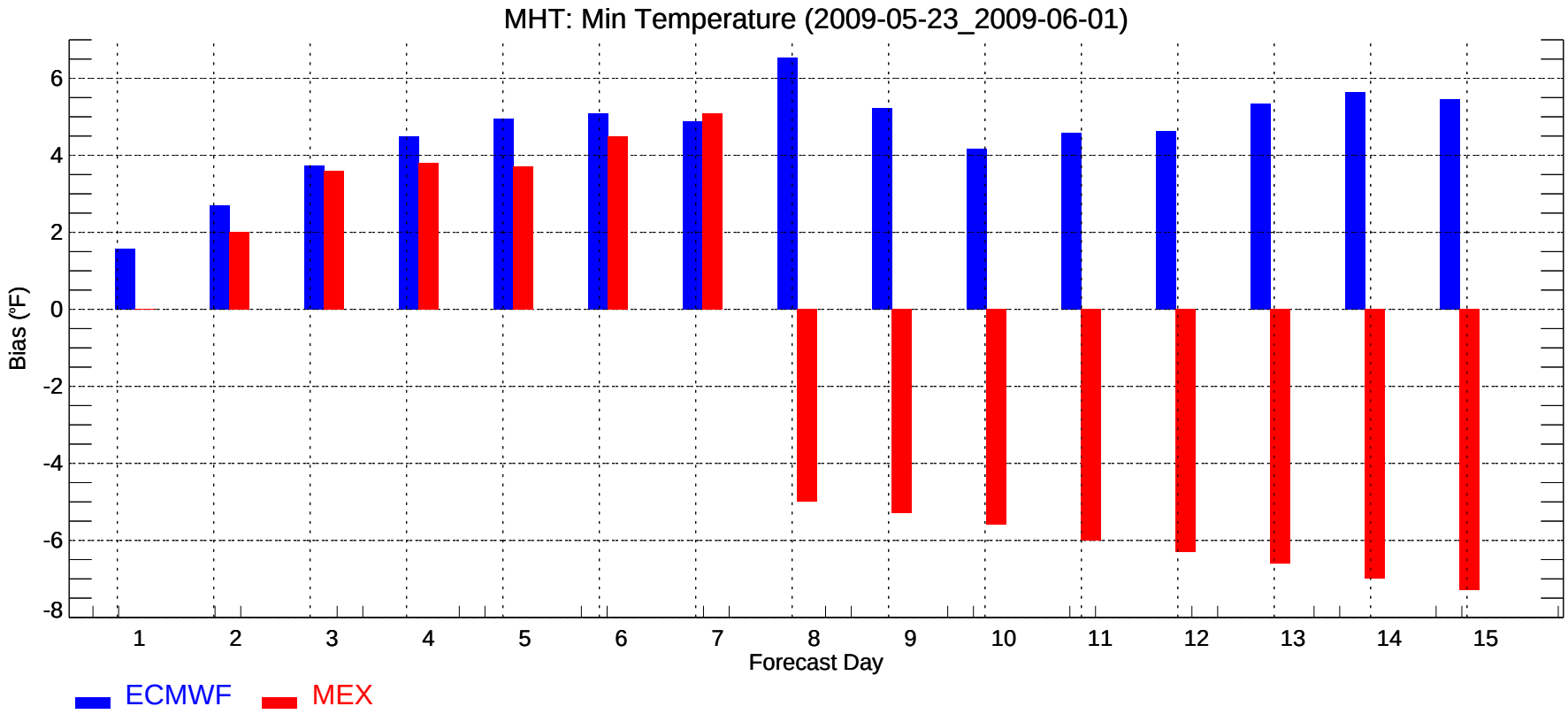

MEM: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

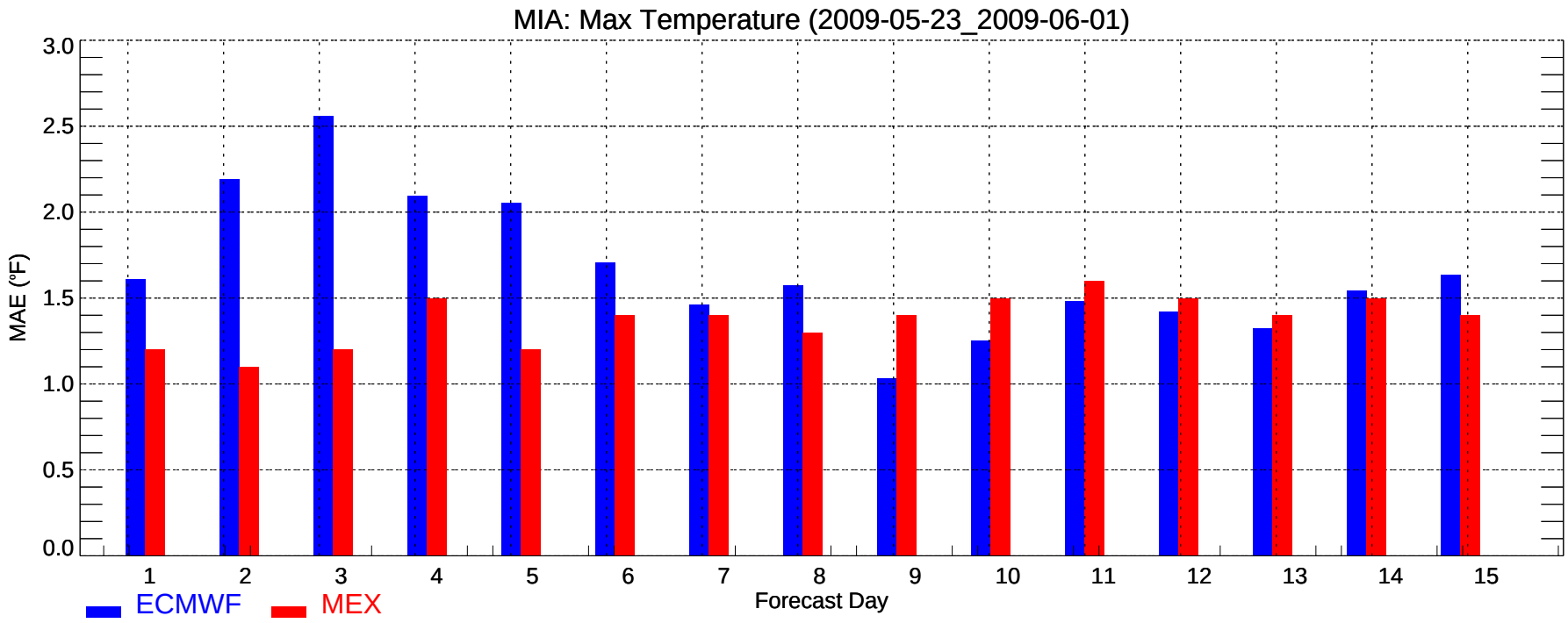

MEM: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

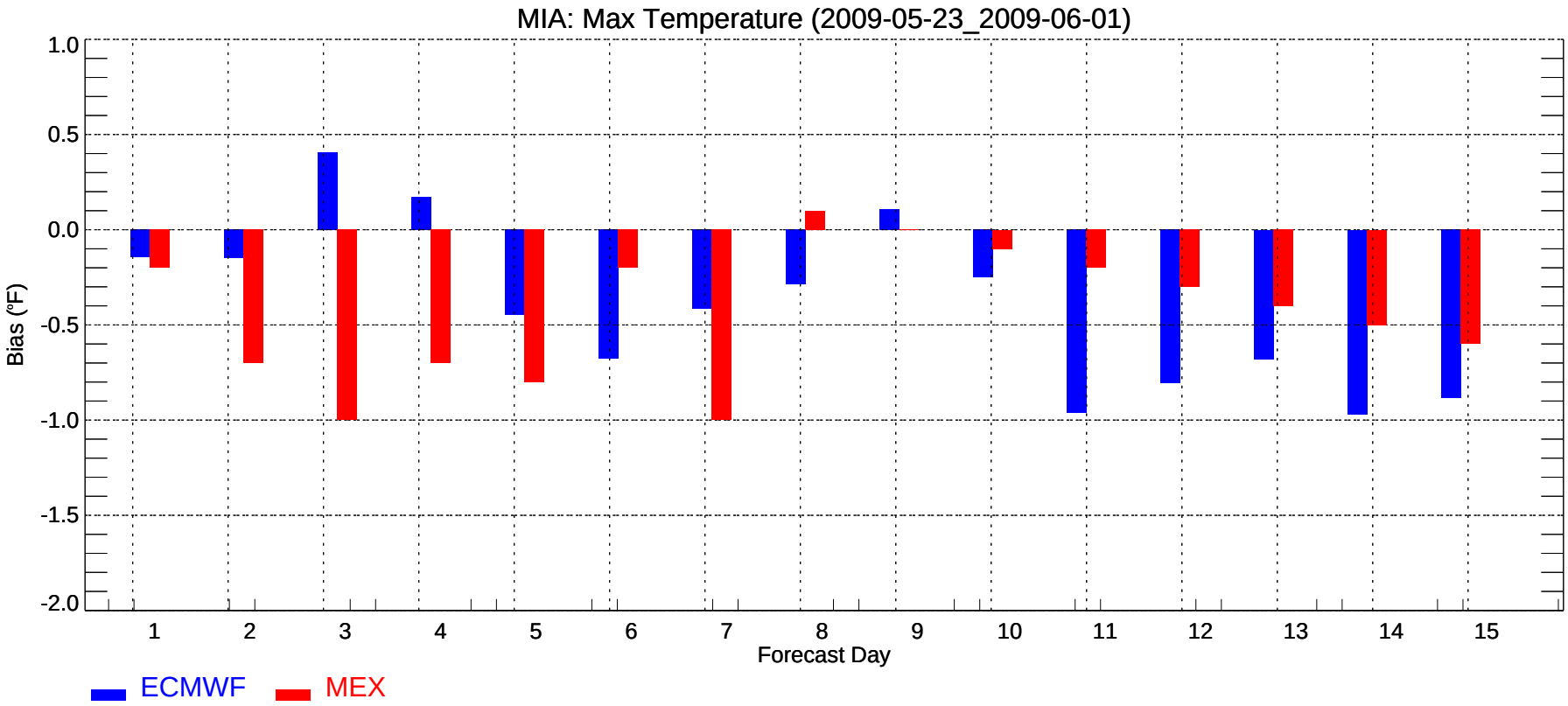

MHT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

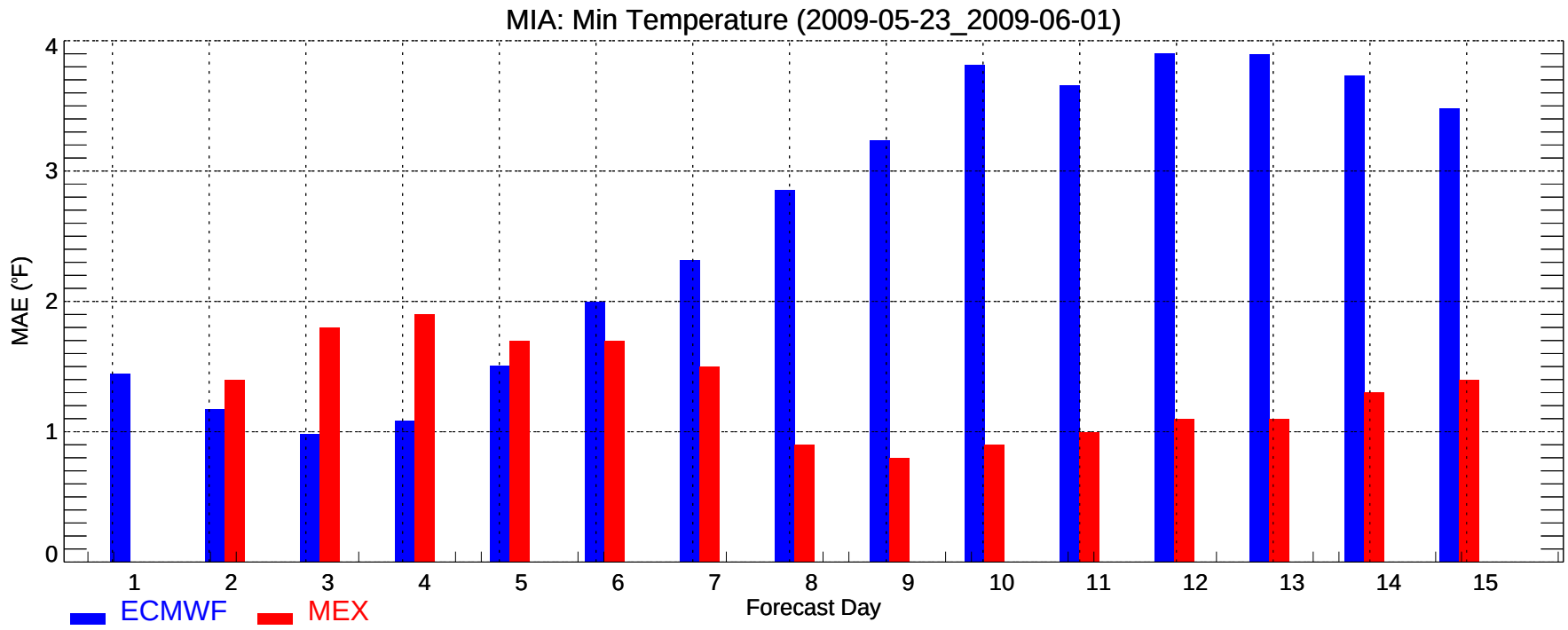

MHT: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

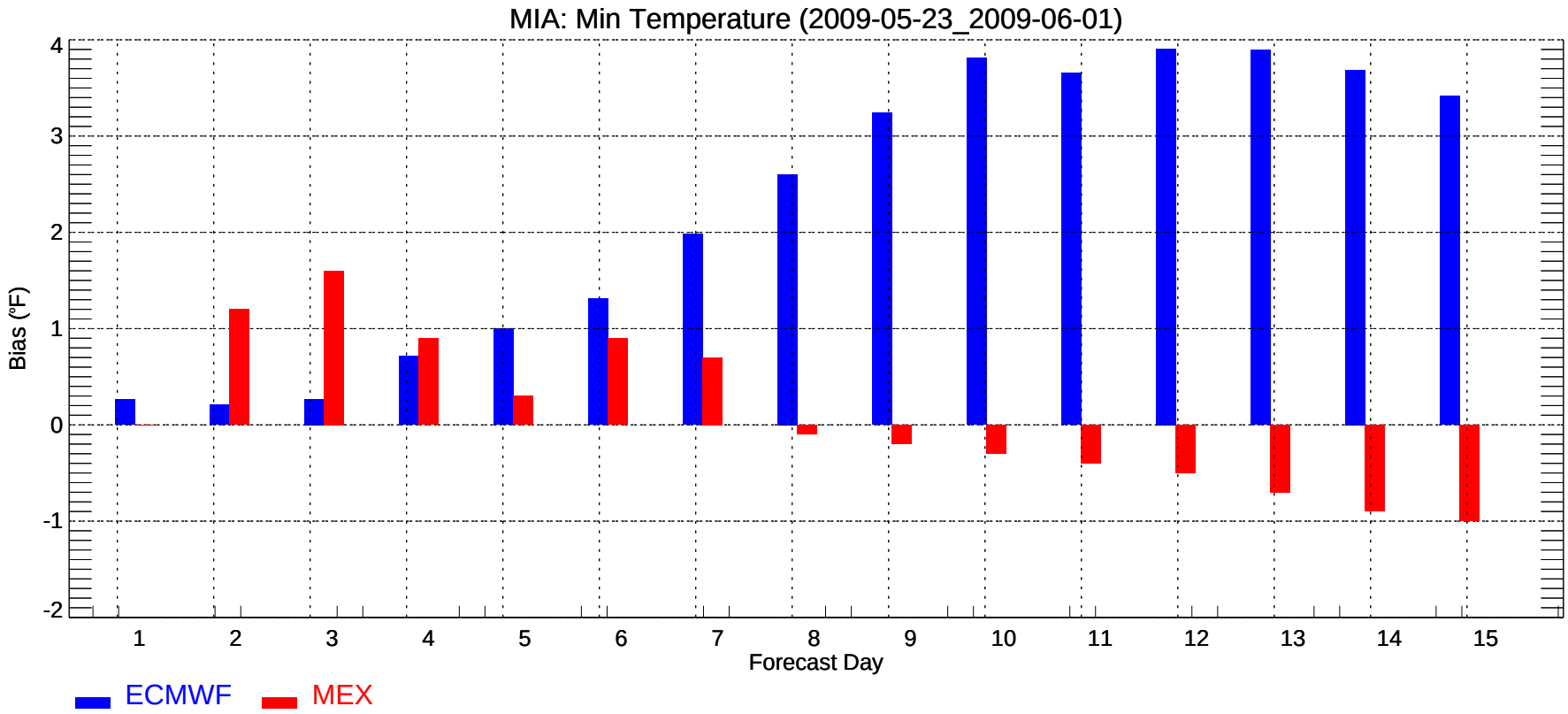

MHT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

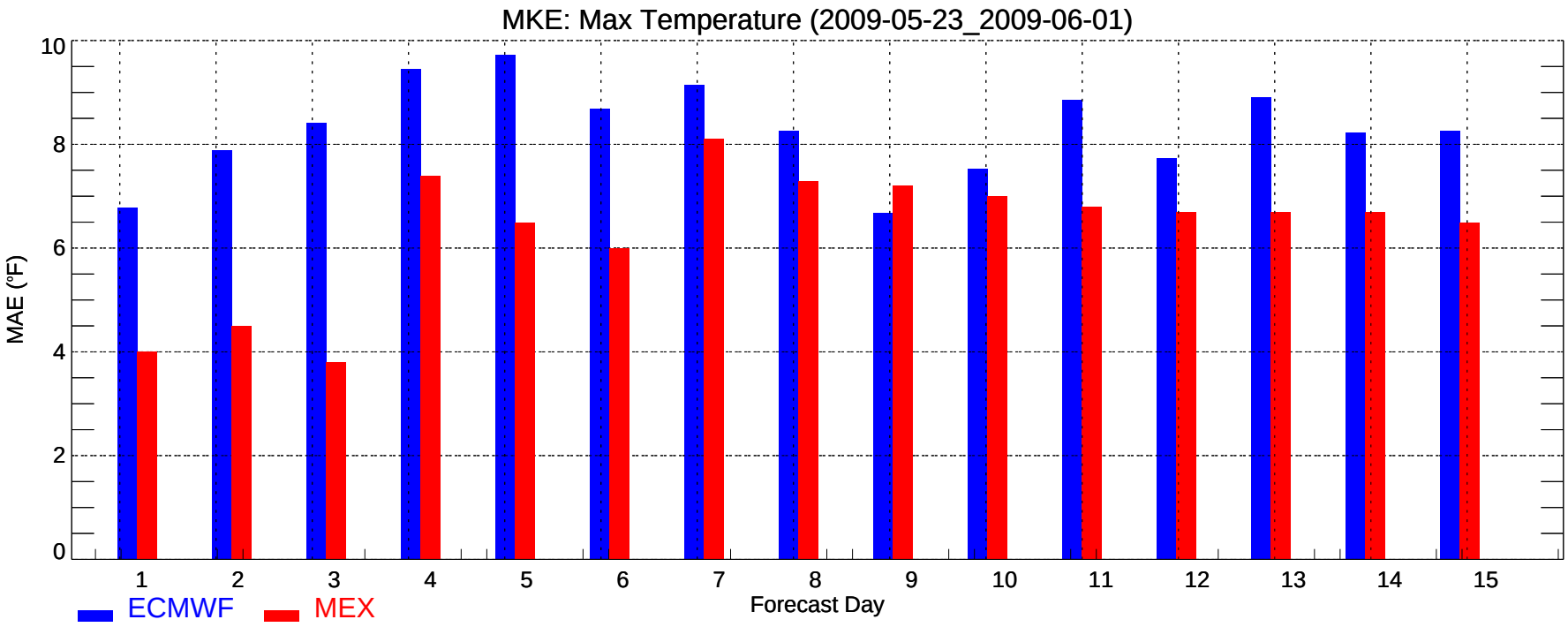

MHT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-8
-6
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

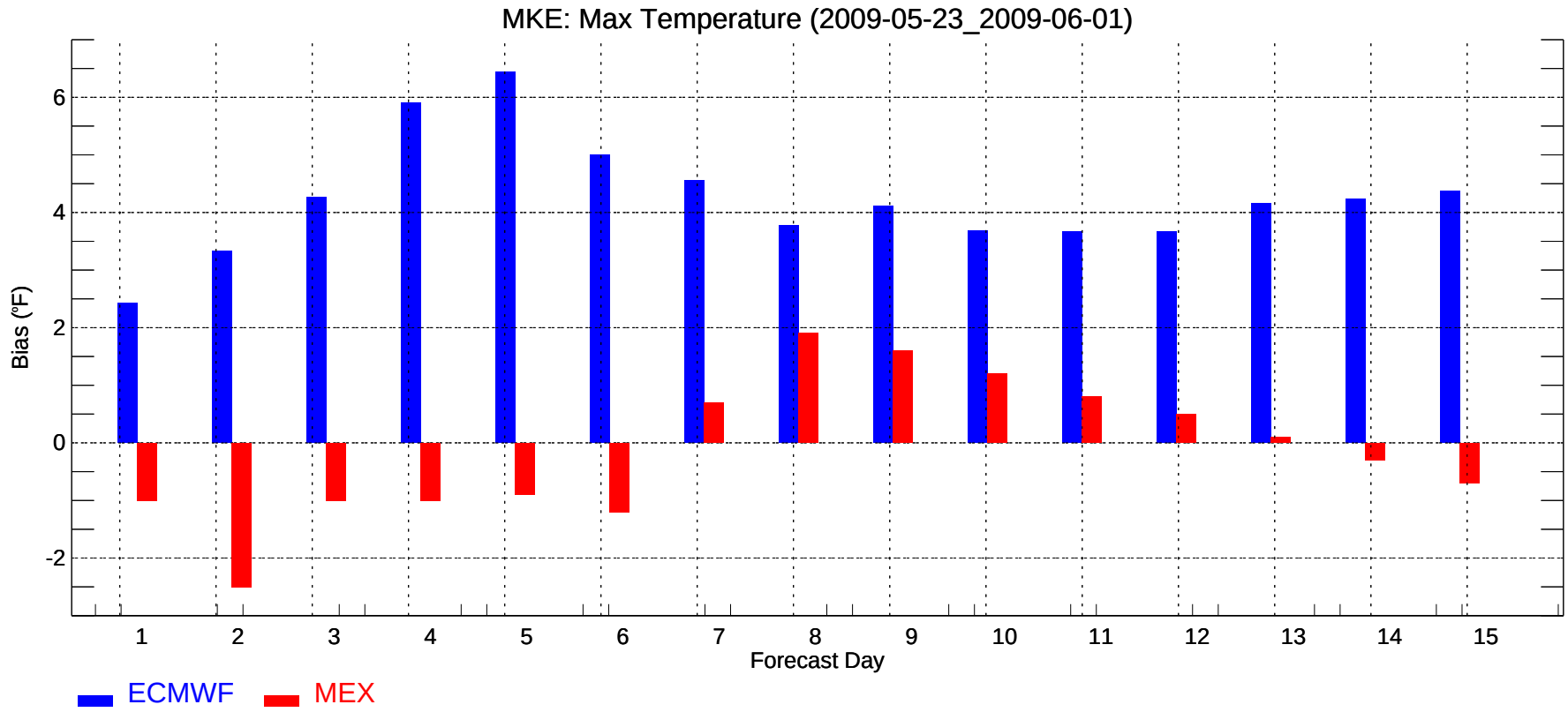

MIA: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

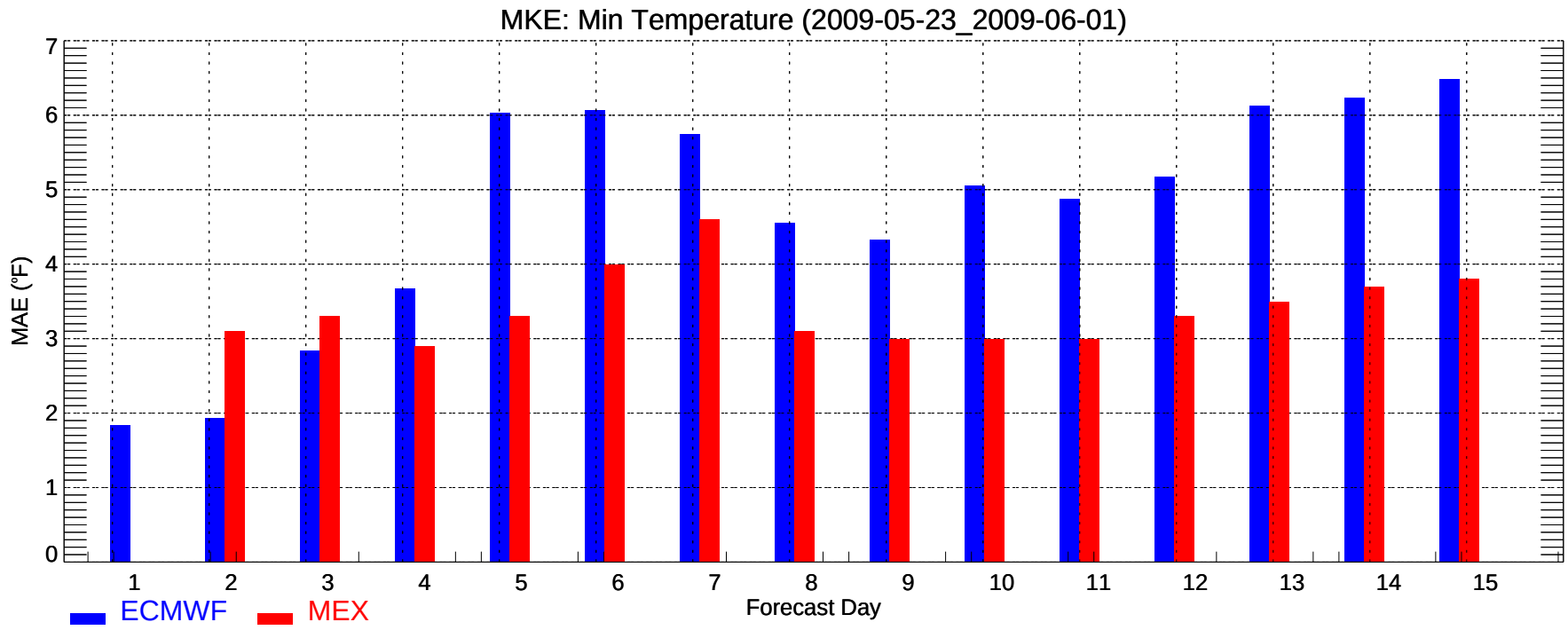

MIA: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

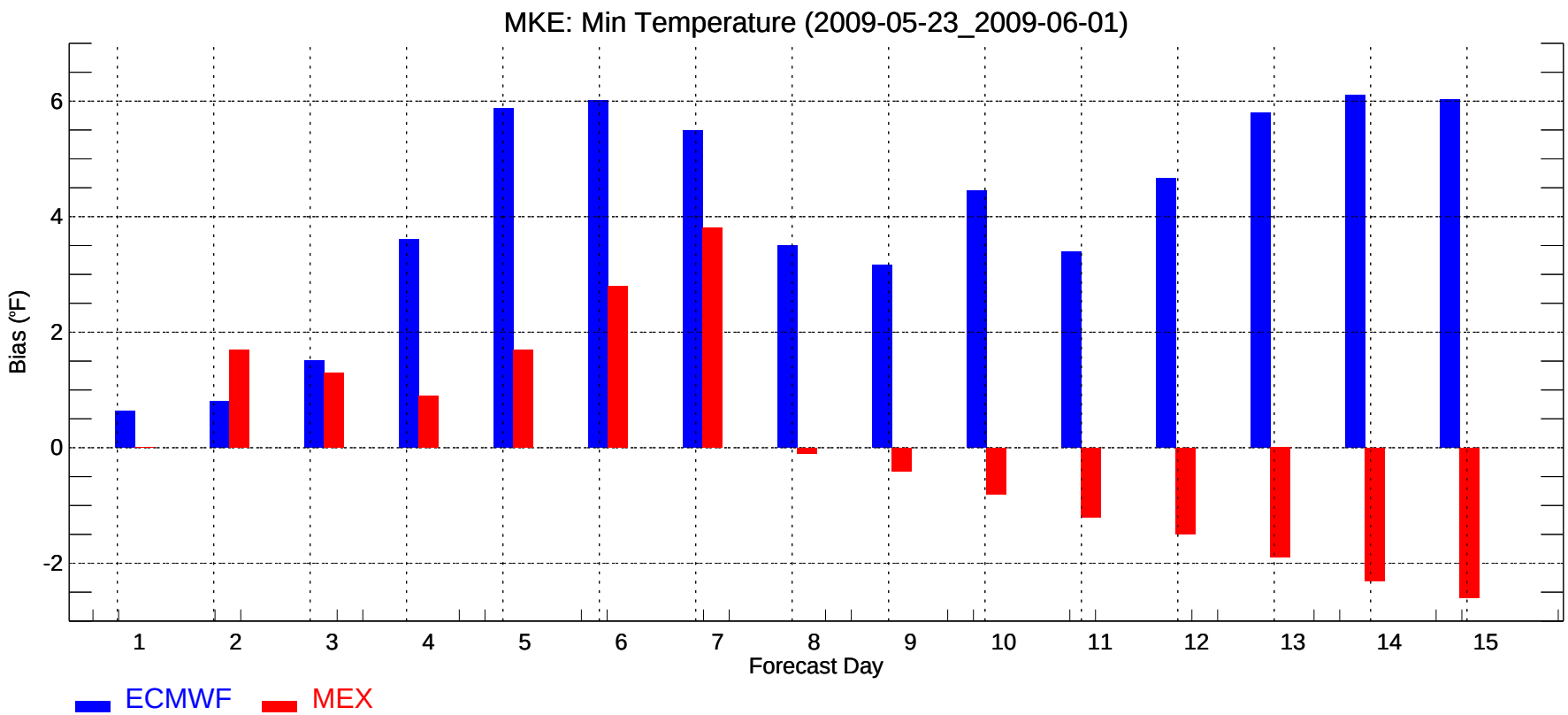

MIA: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

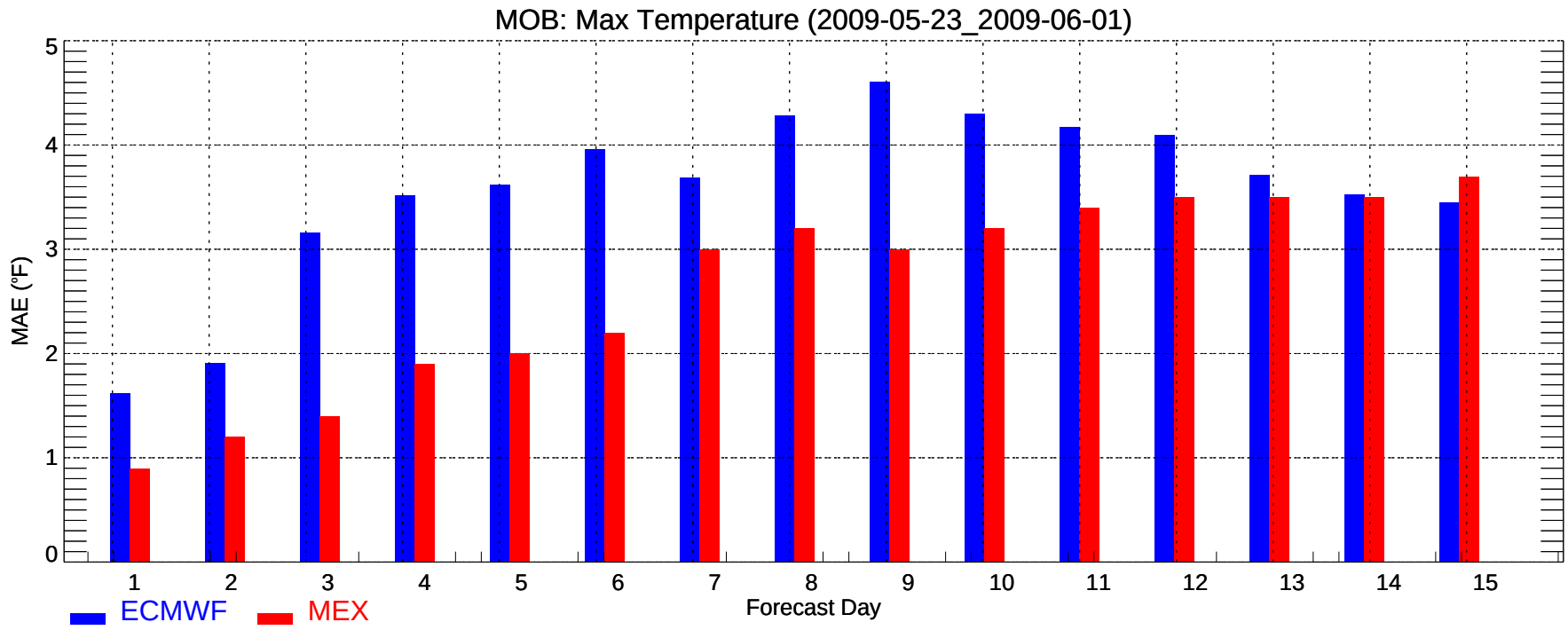

MIA: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

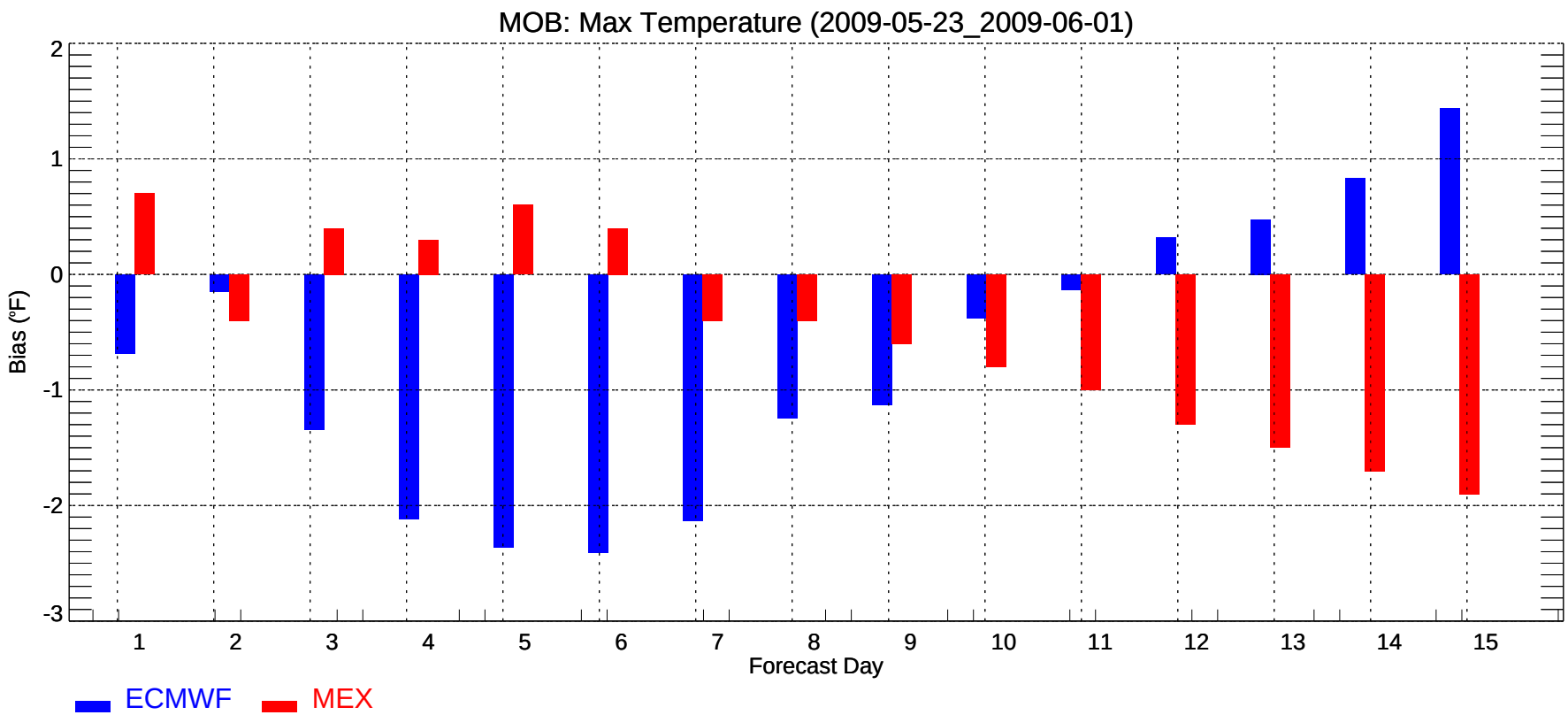

MKE: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

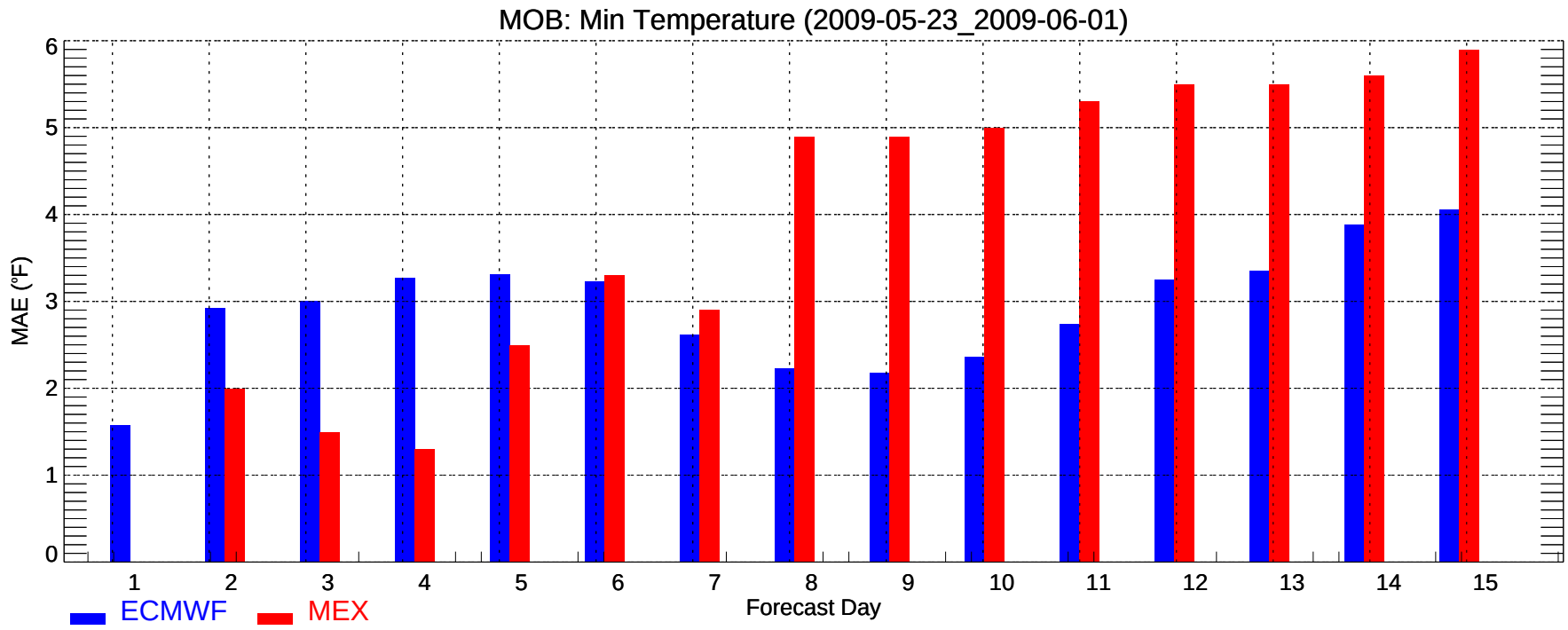

MKE: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

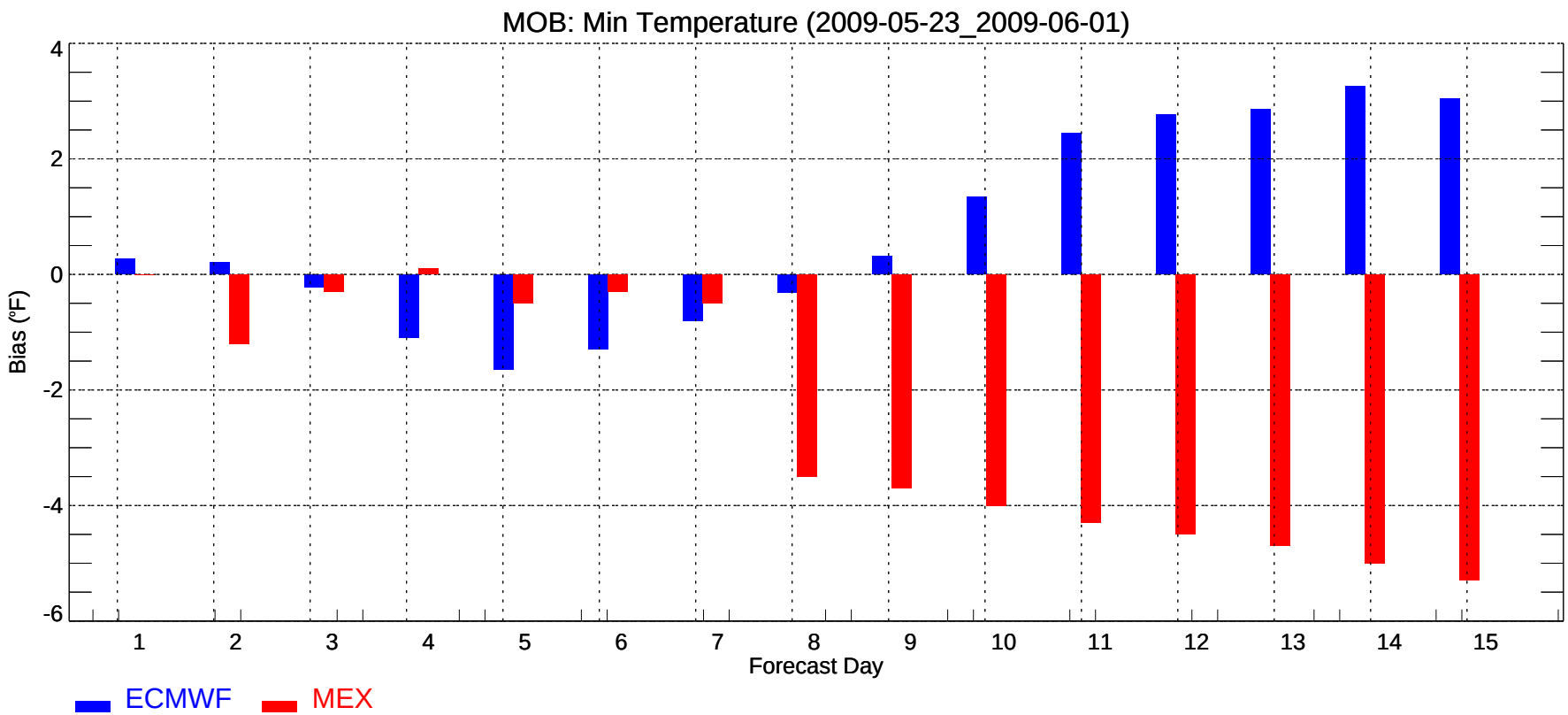

MKE: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

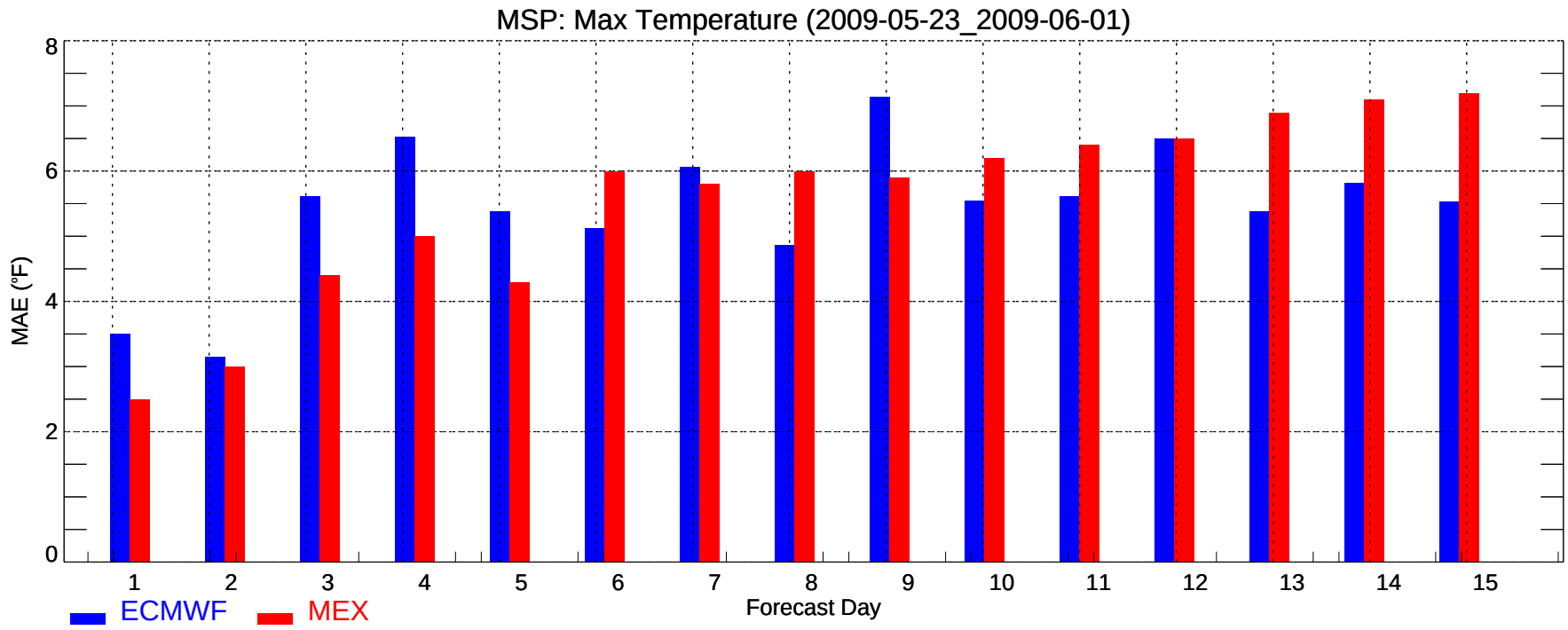

MKE: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

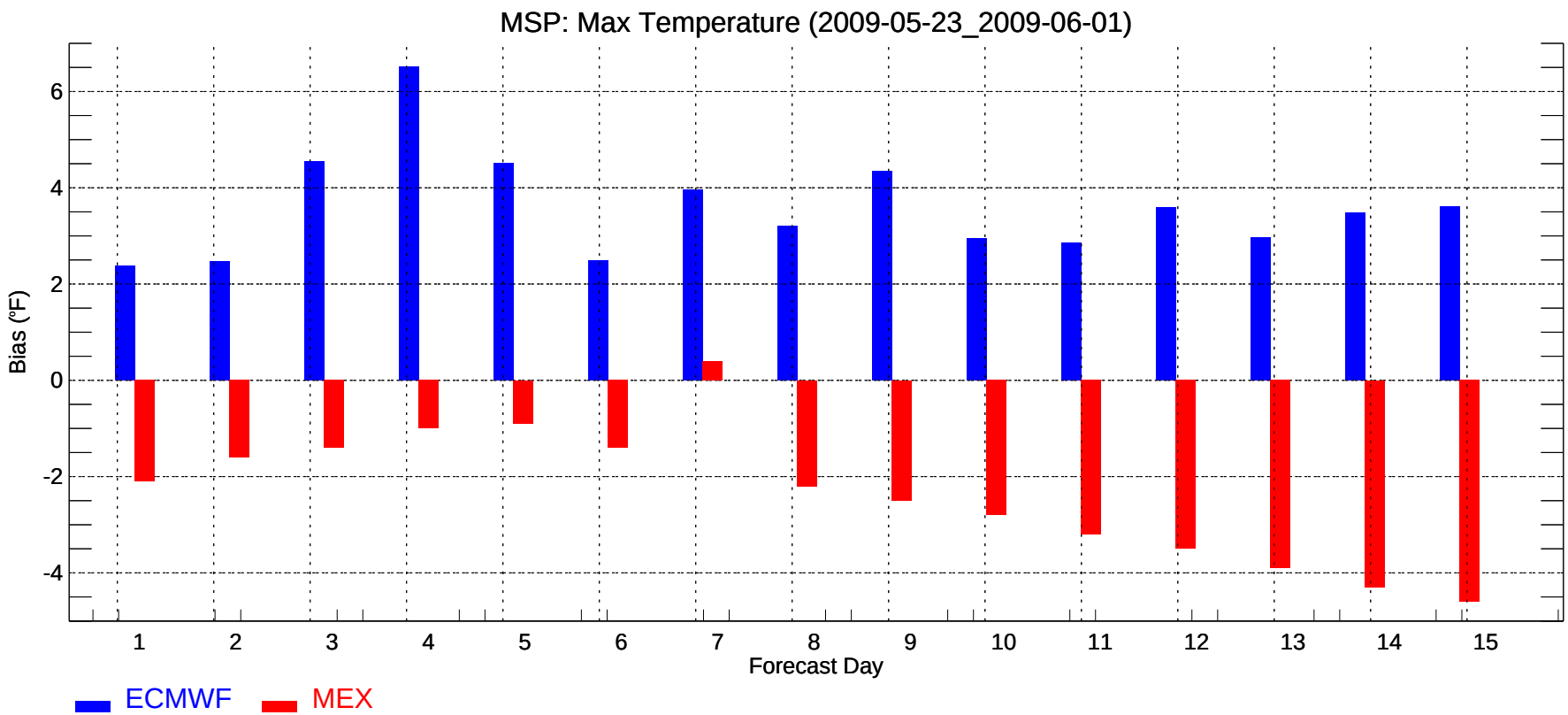

MOB: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

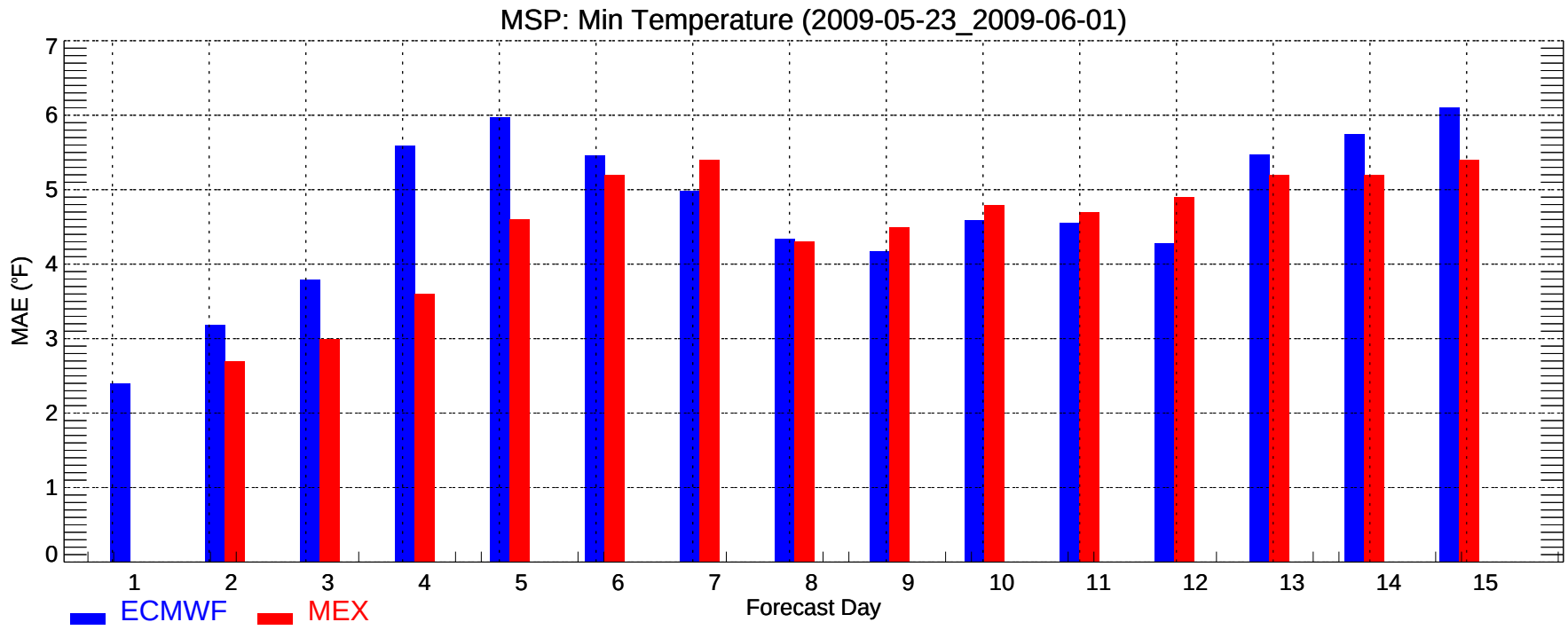

MOB: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

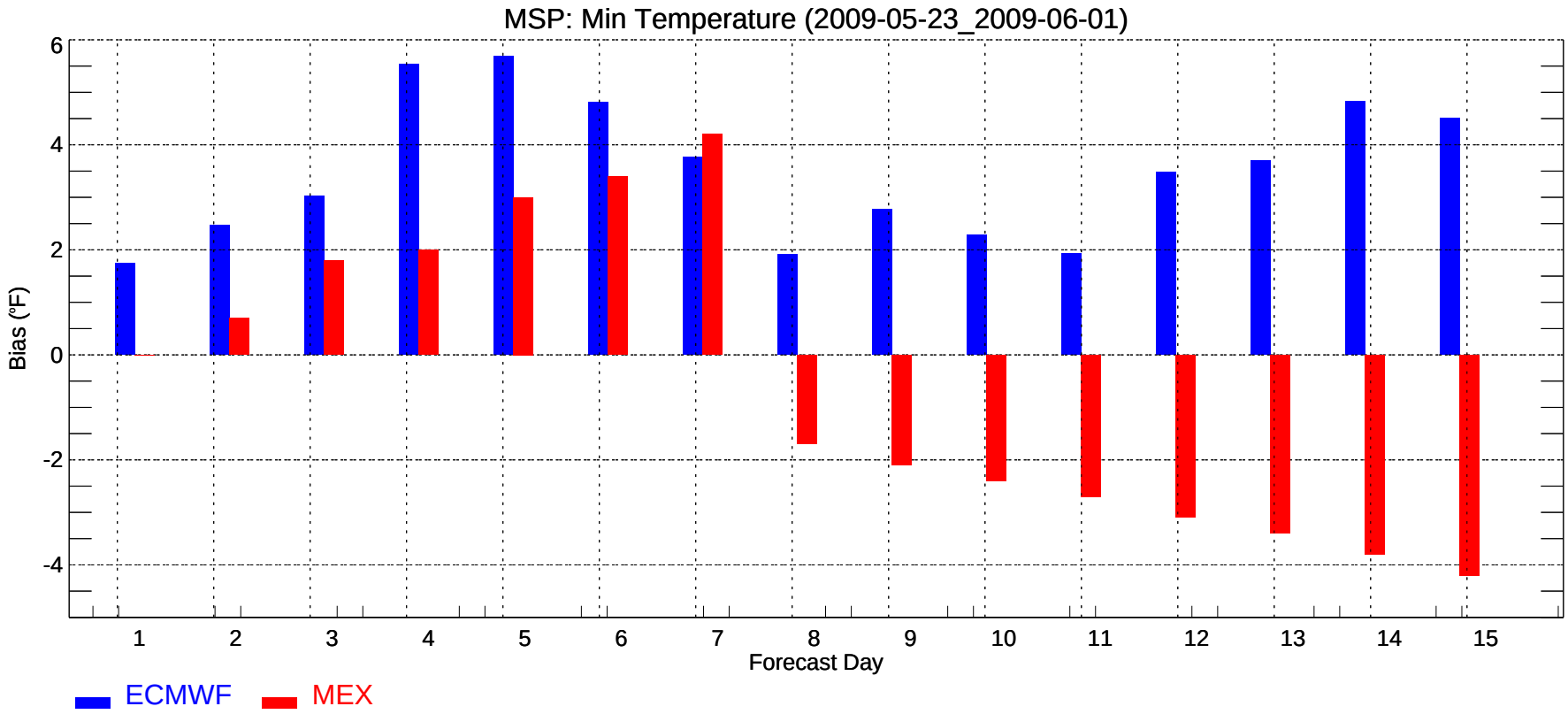

MOB: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

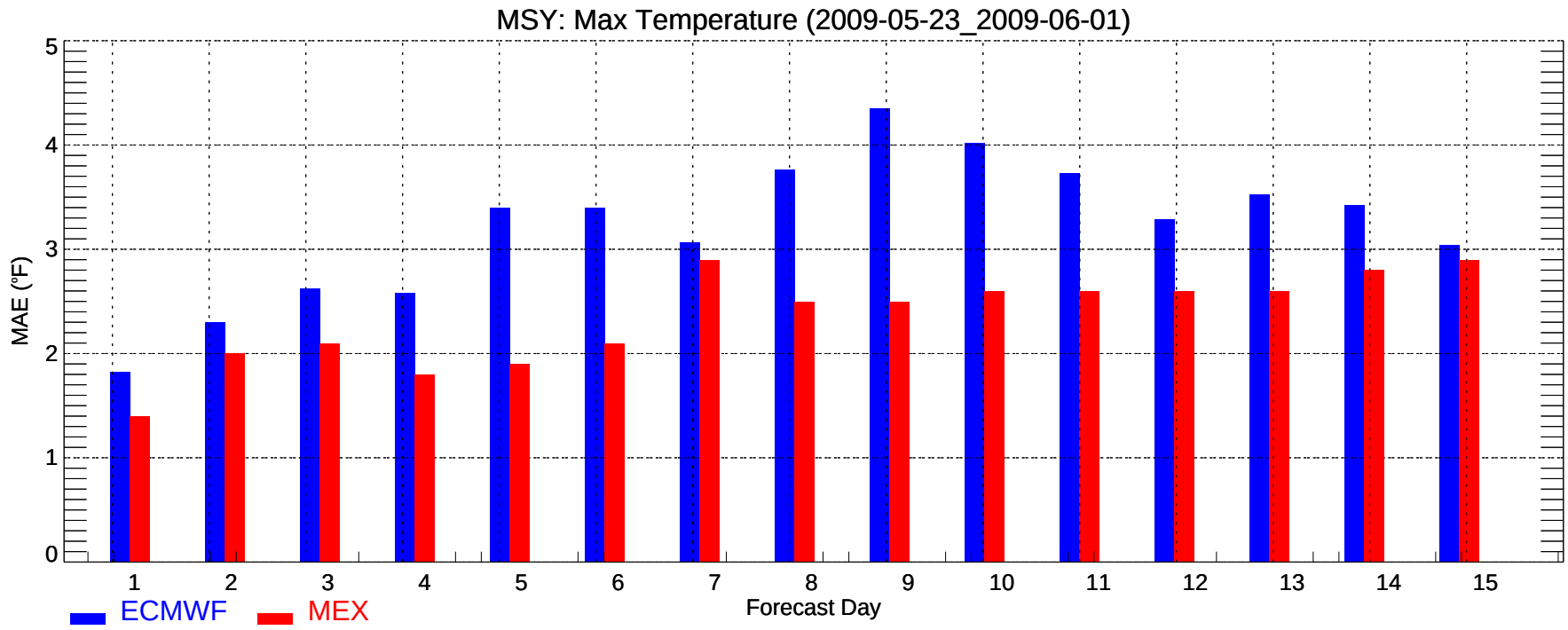

MOB: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

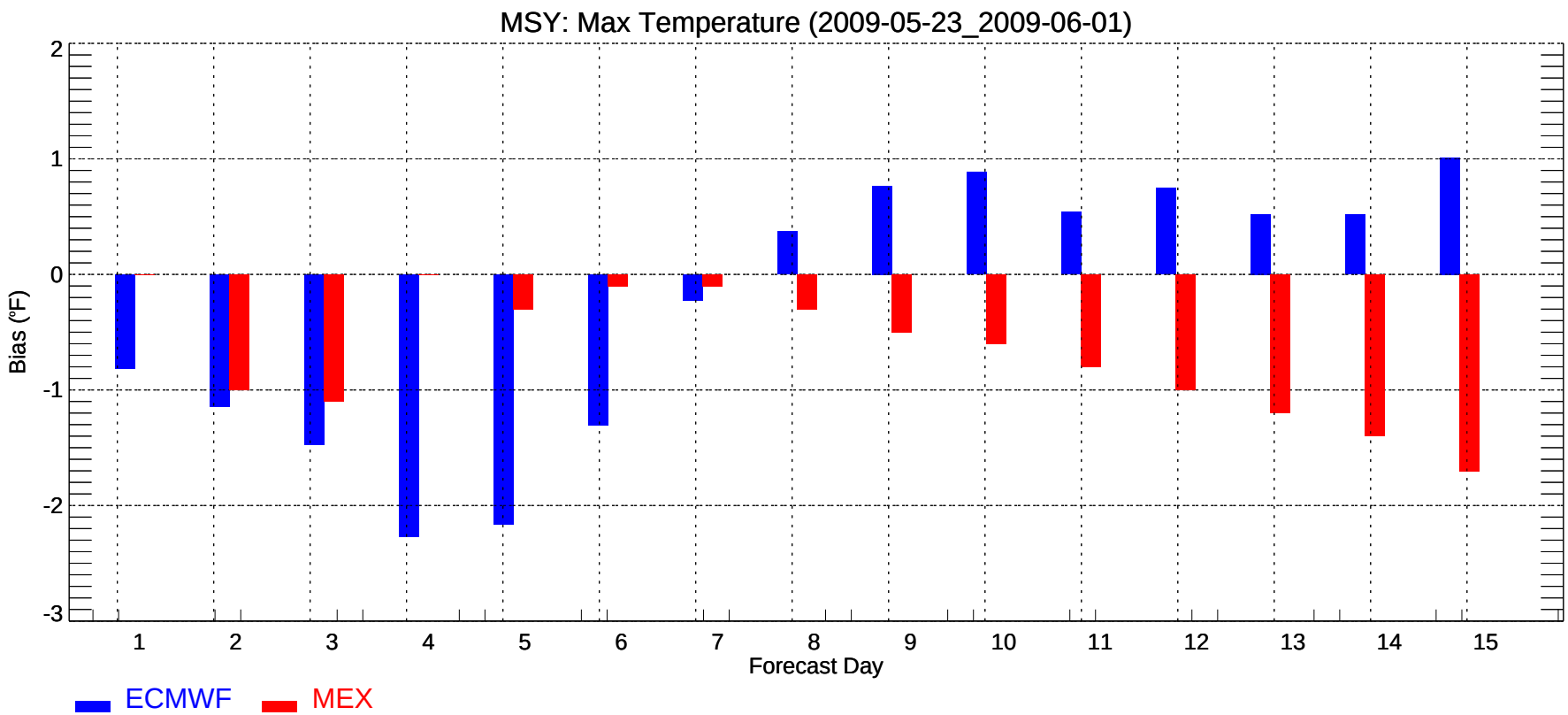

MSP: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

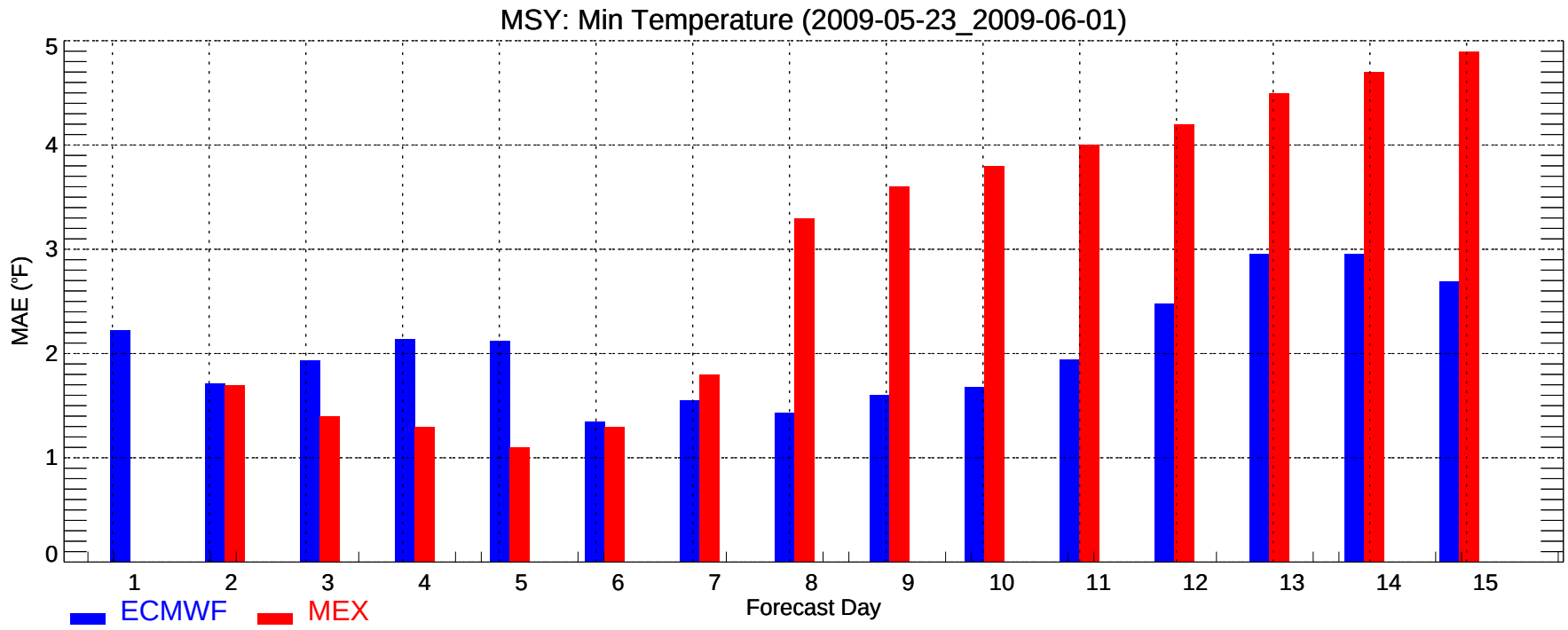

MSP: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

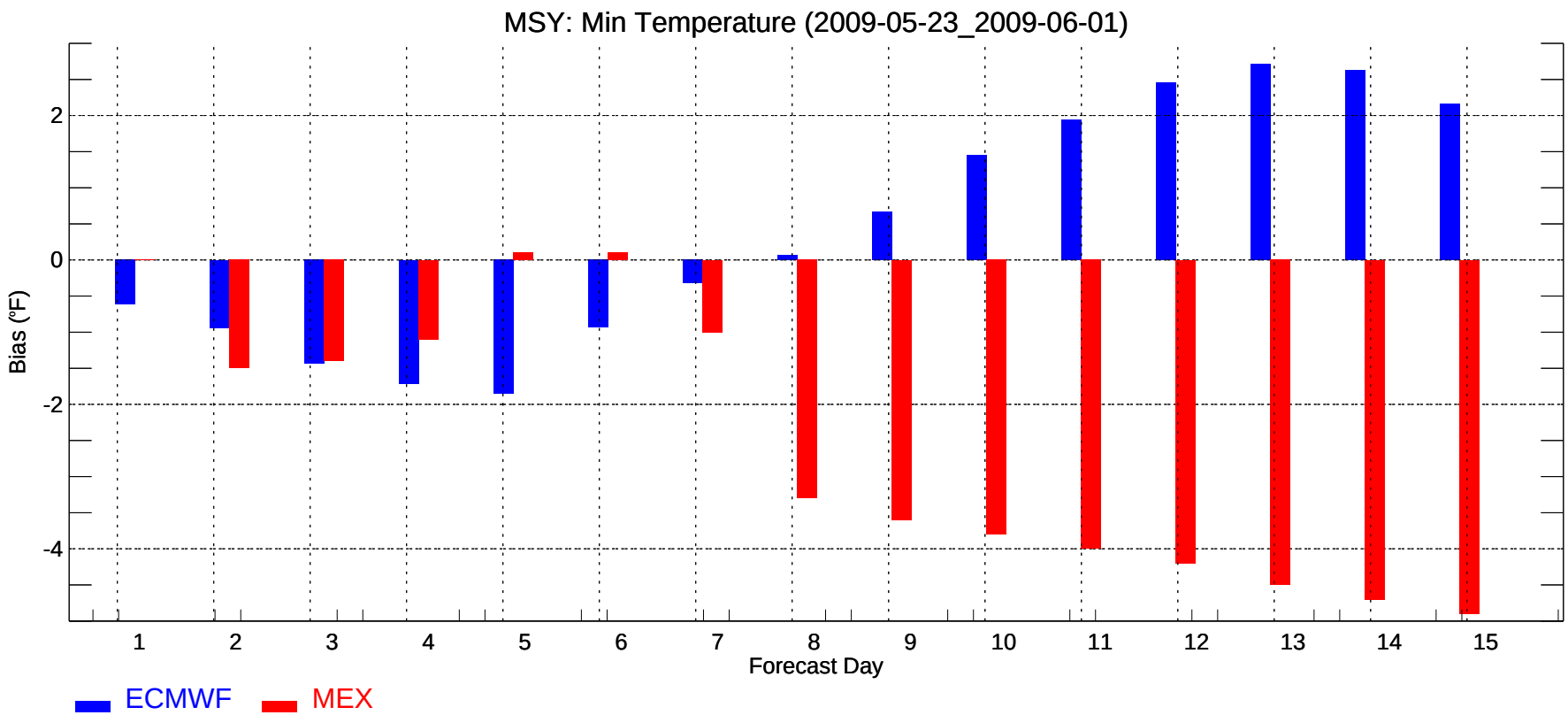

MSP: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

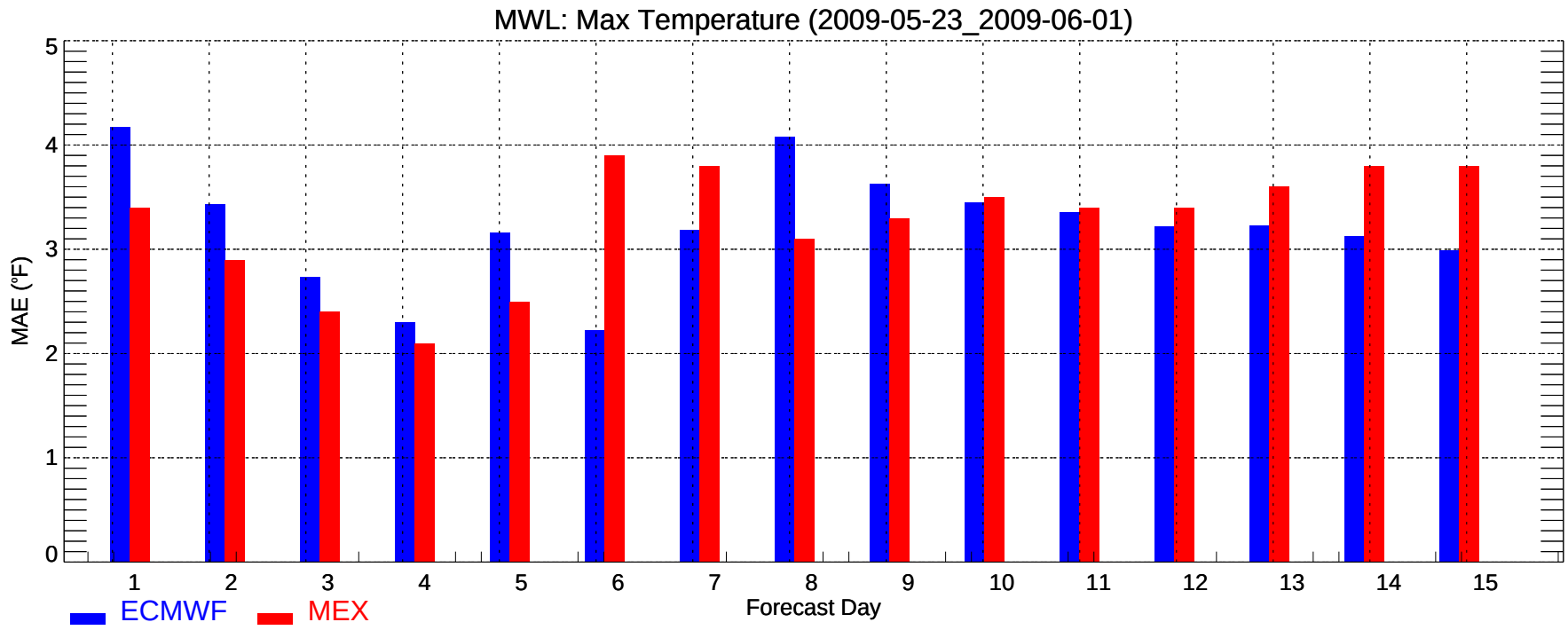

MSP: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
6
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

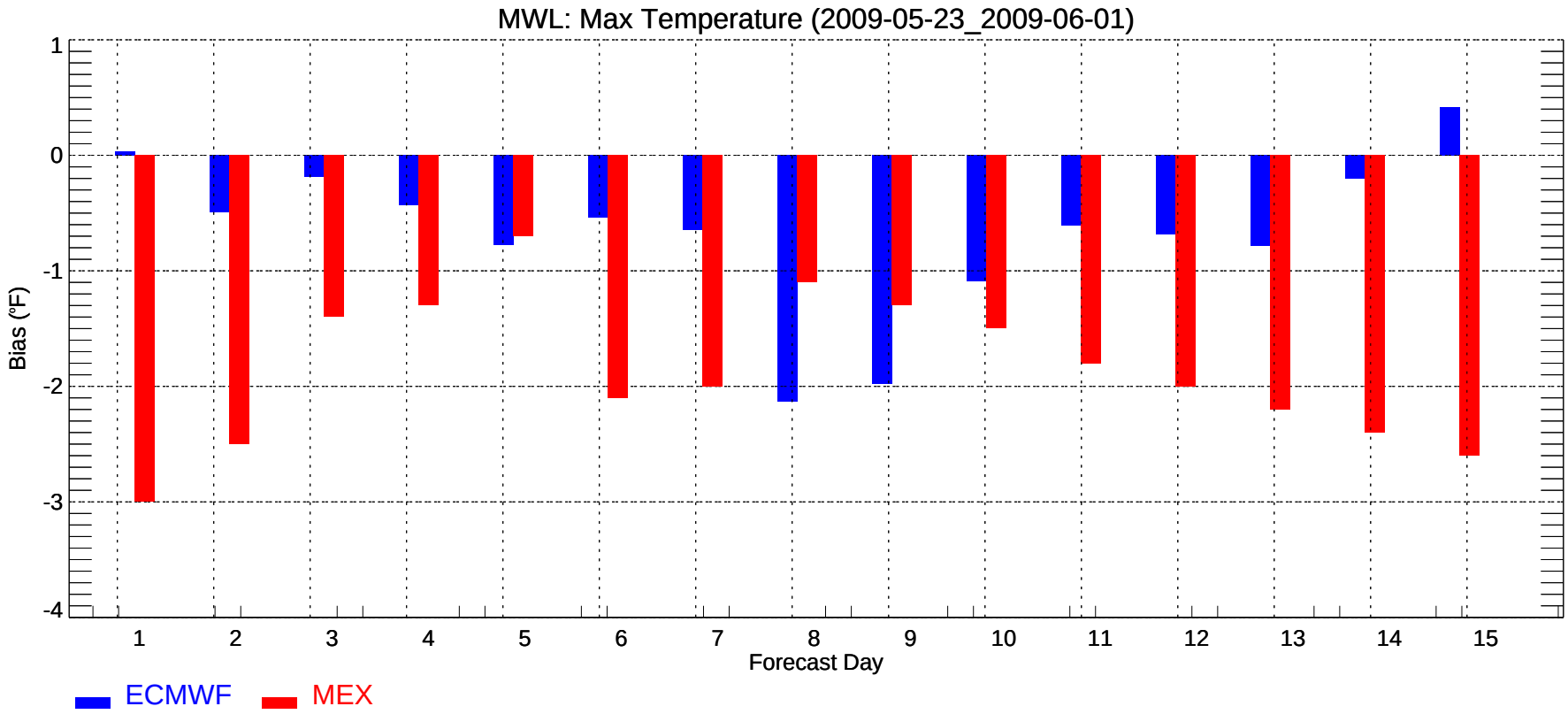

MSY: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

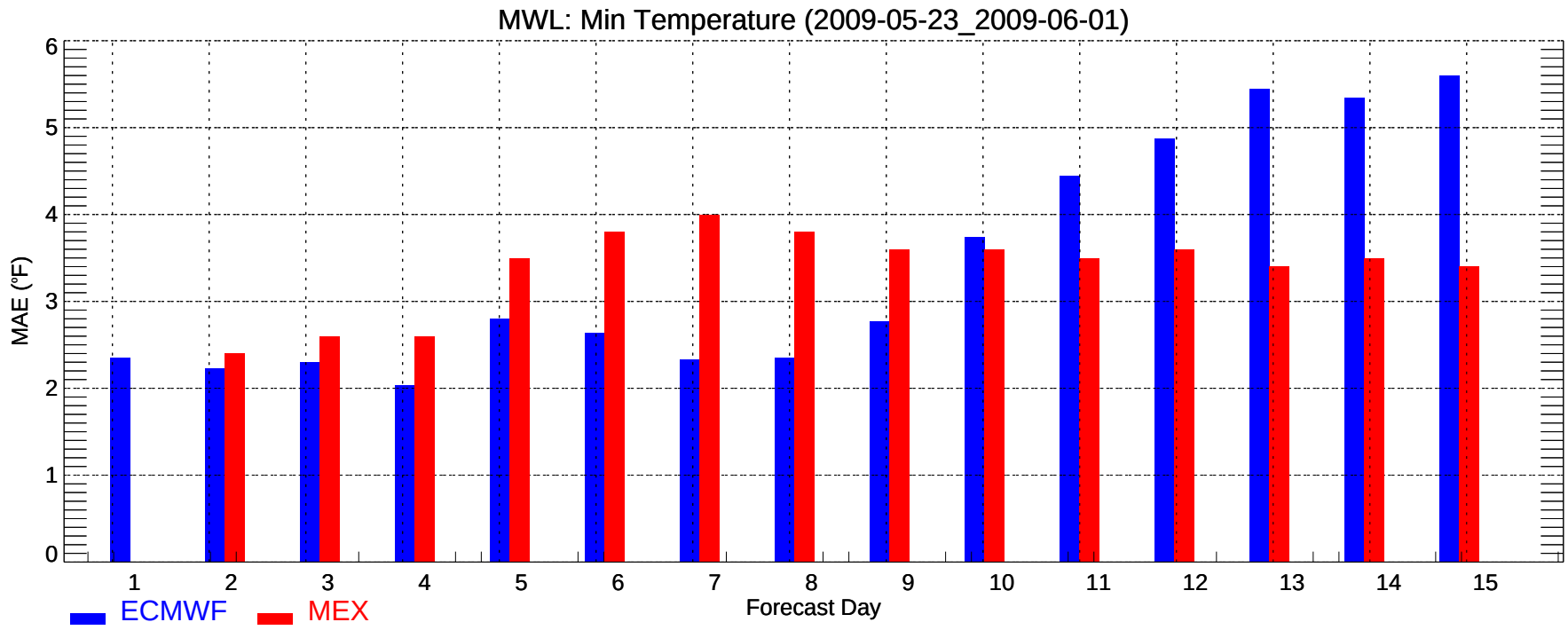

MSY: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

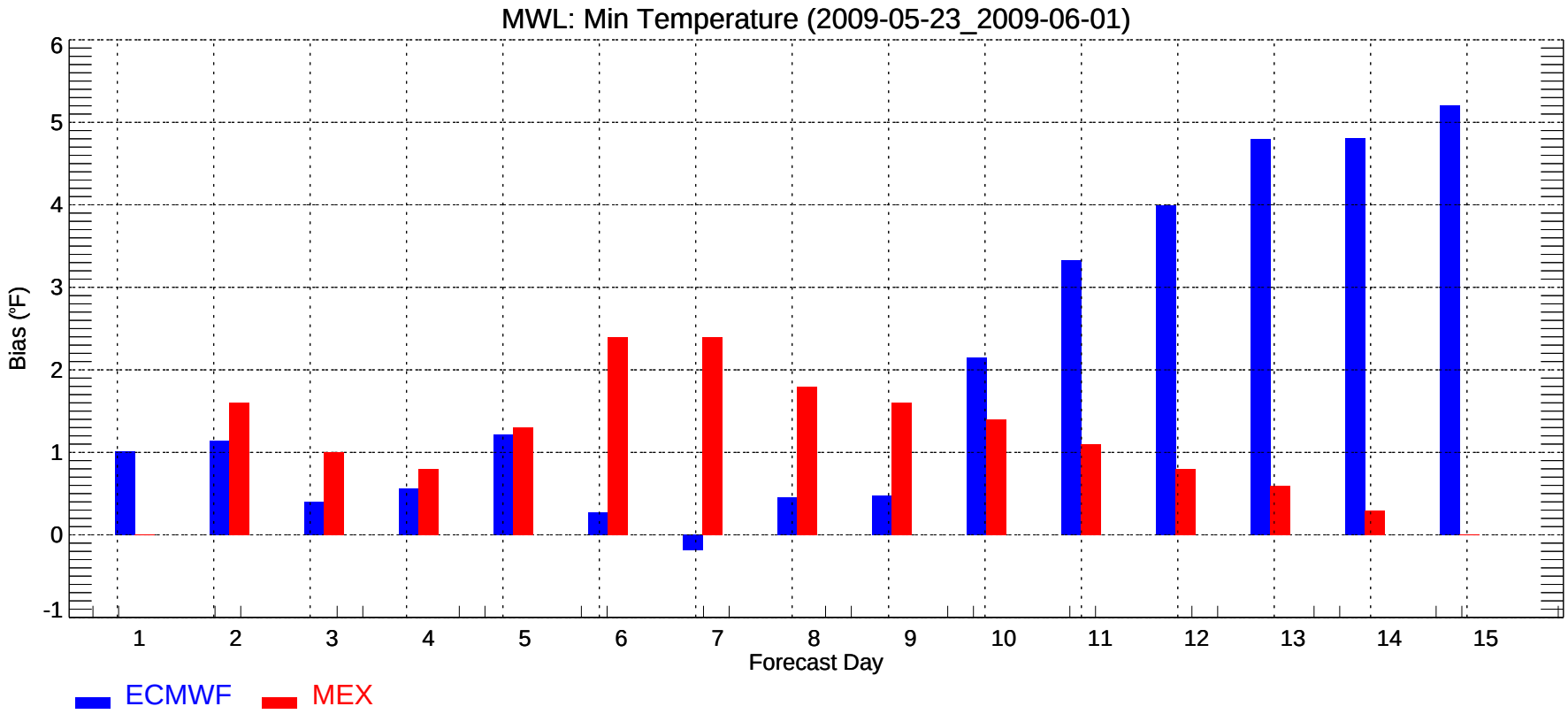

MSY: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

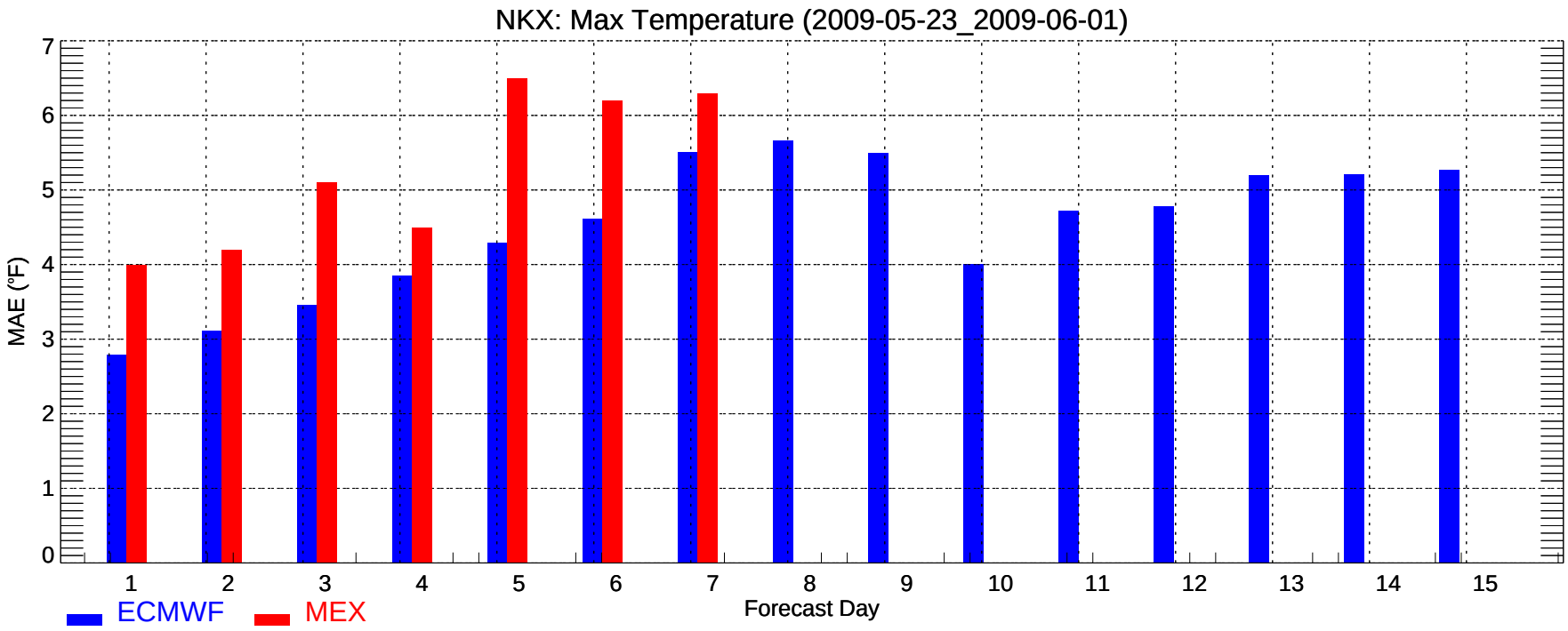

MSY: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

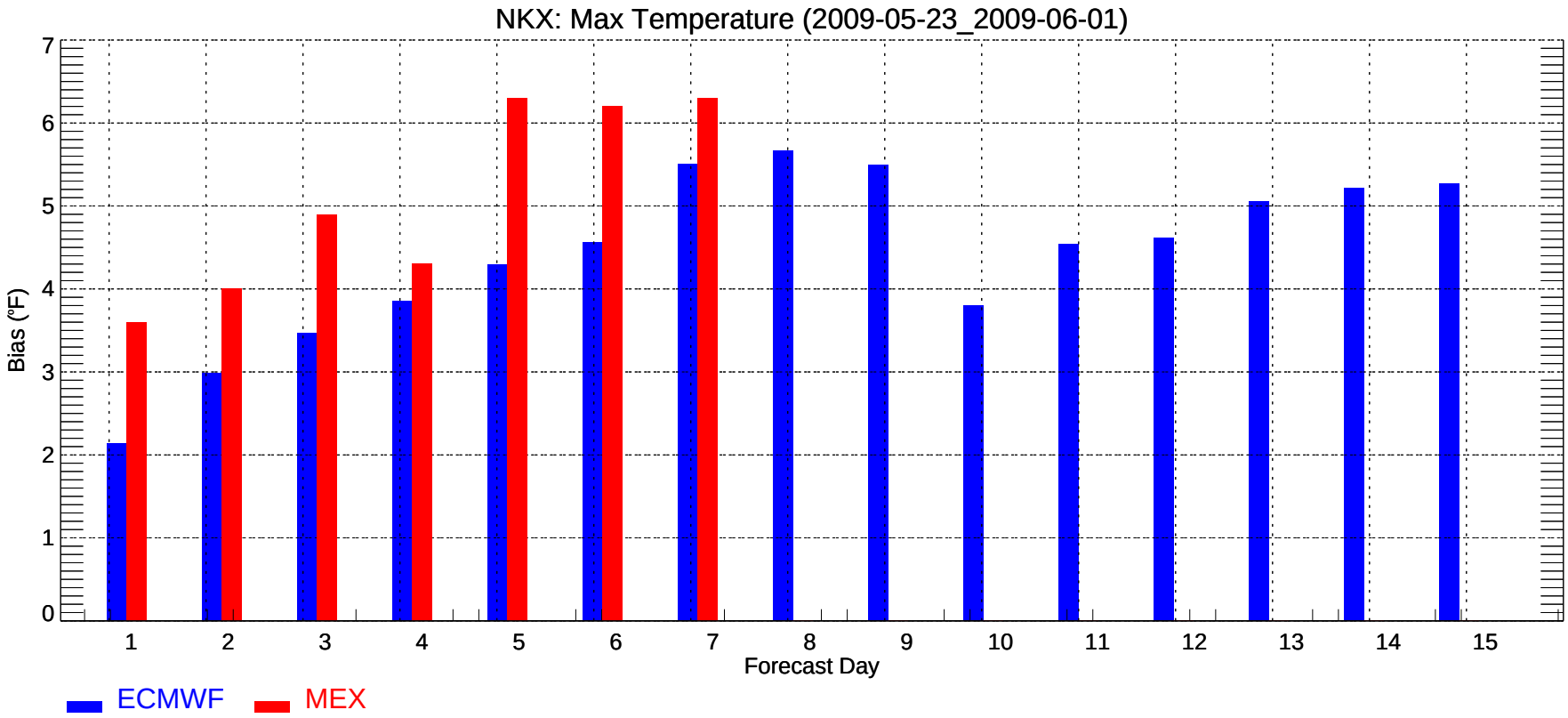

MWL: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

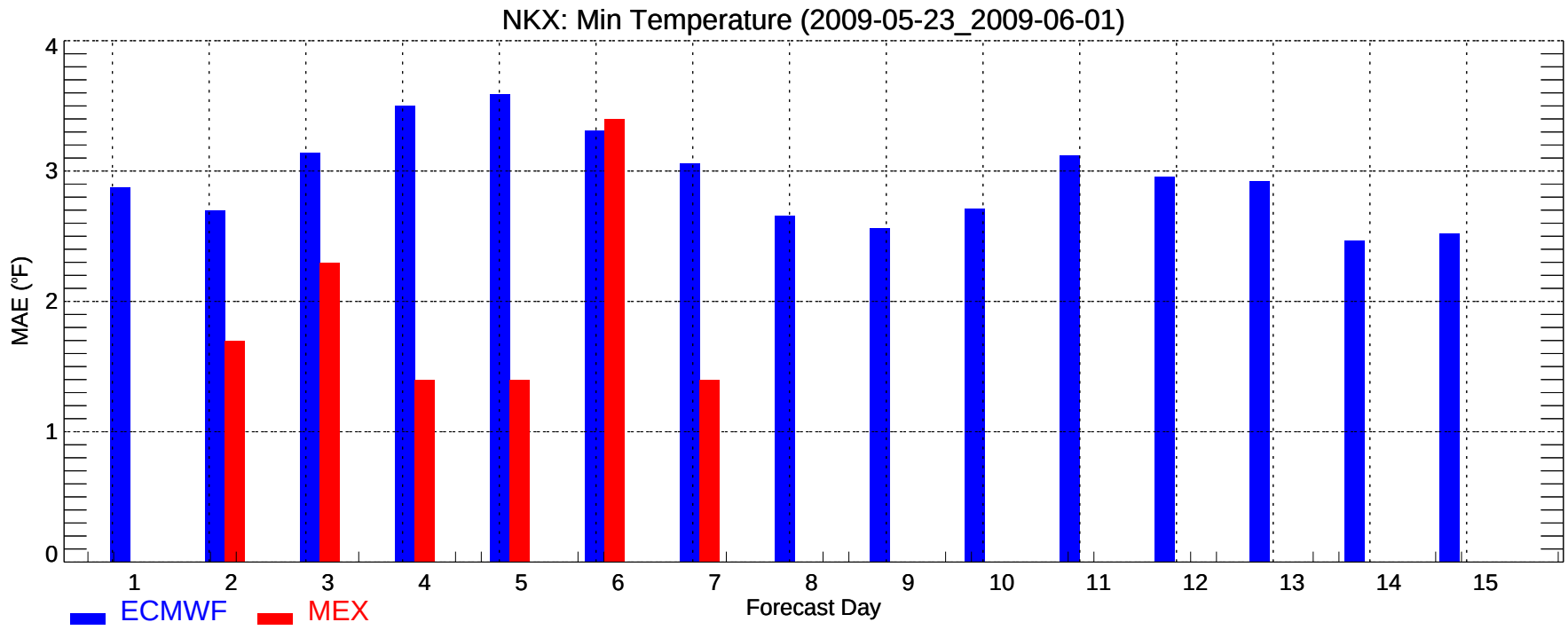

MWL: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

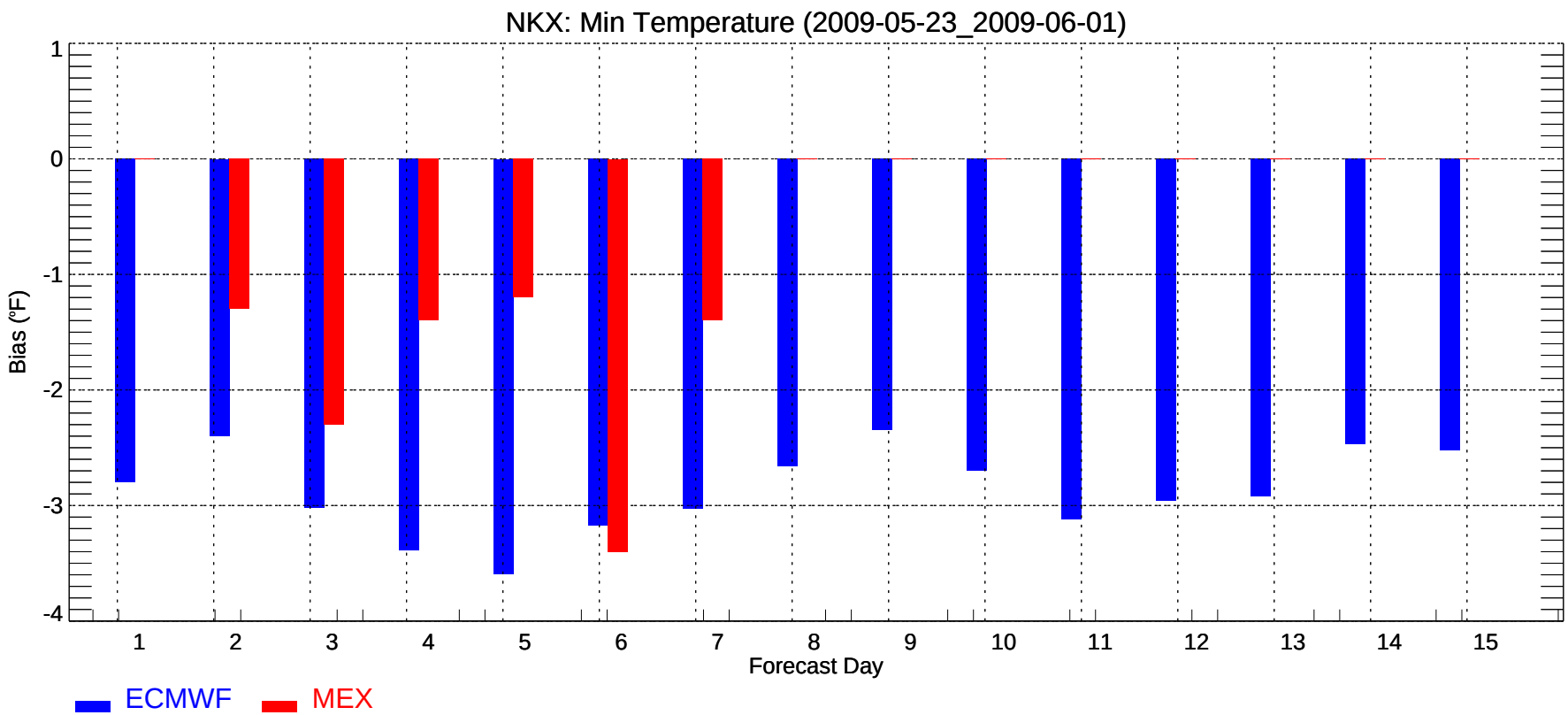

MWL: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

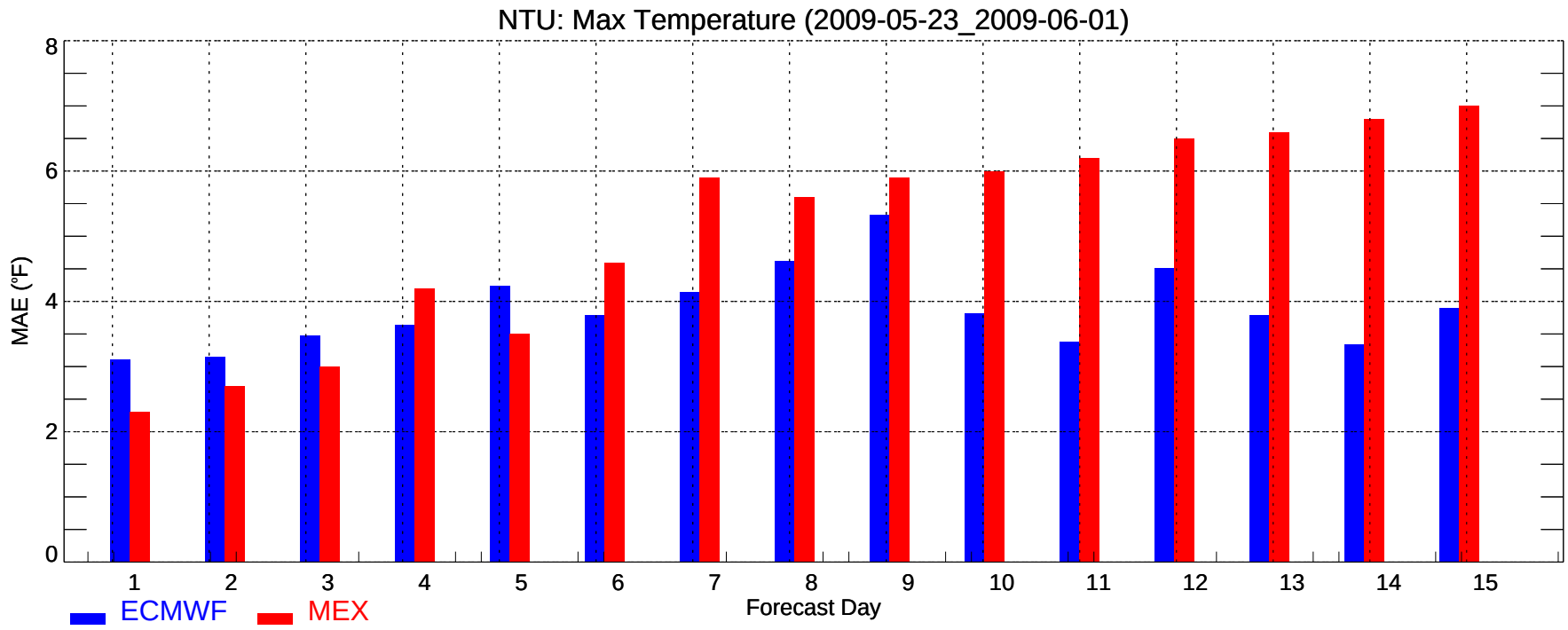

MWL: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

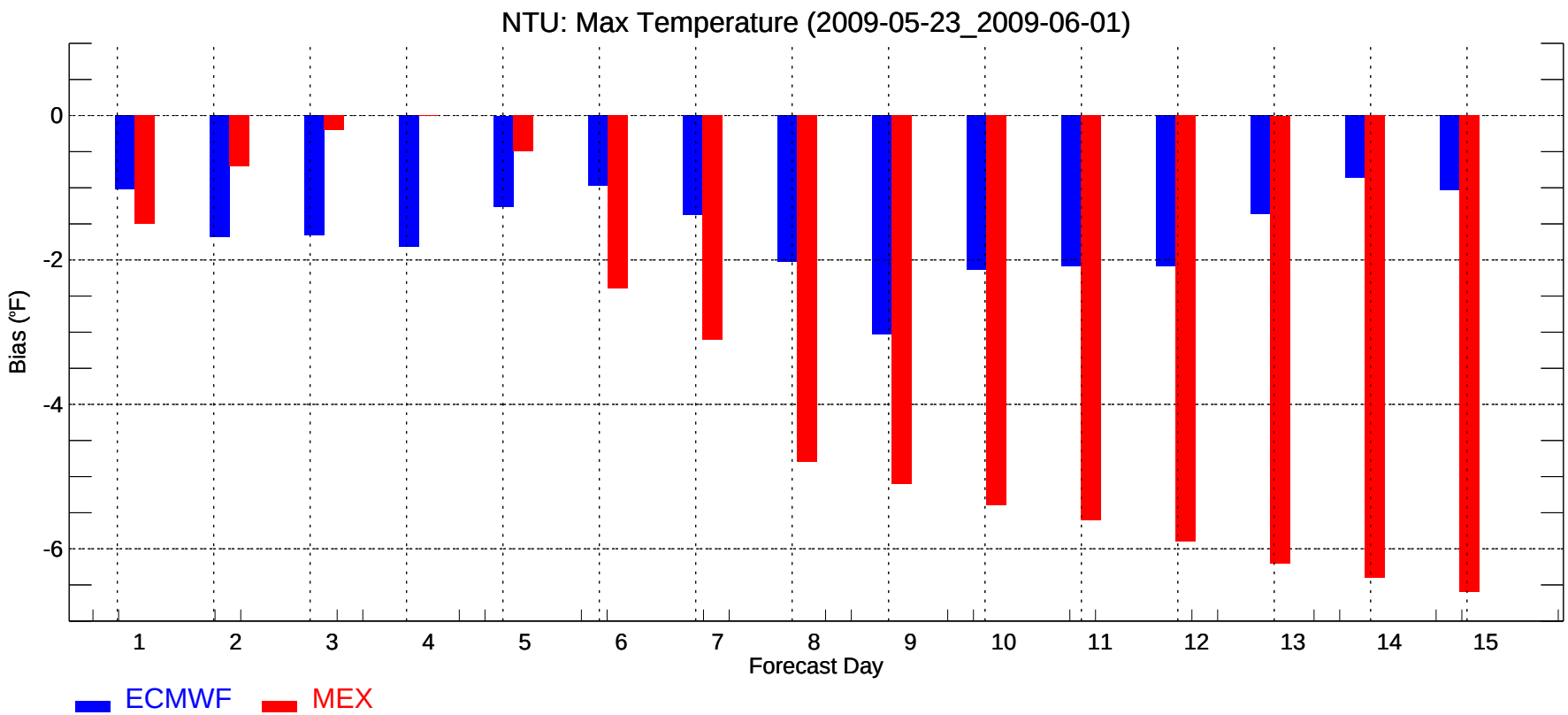

NKX: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

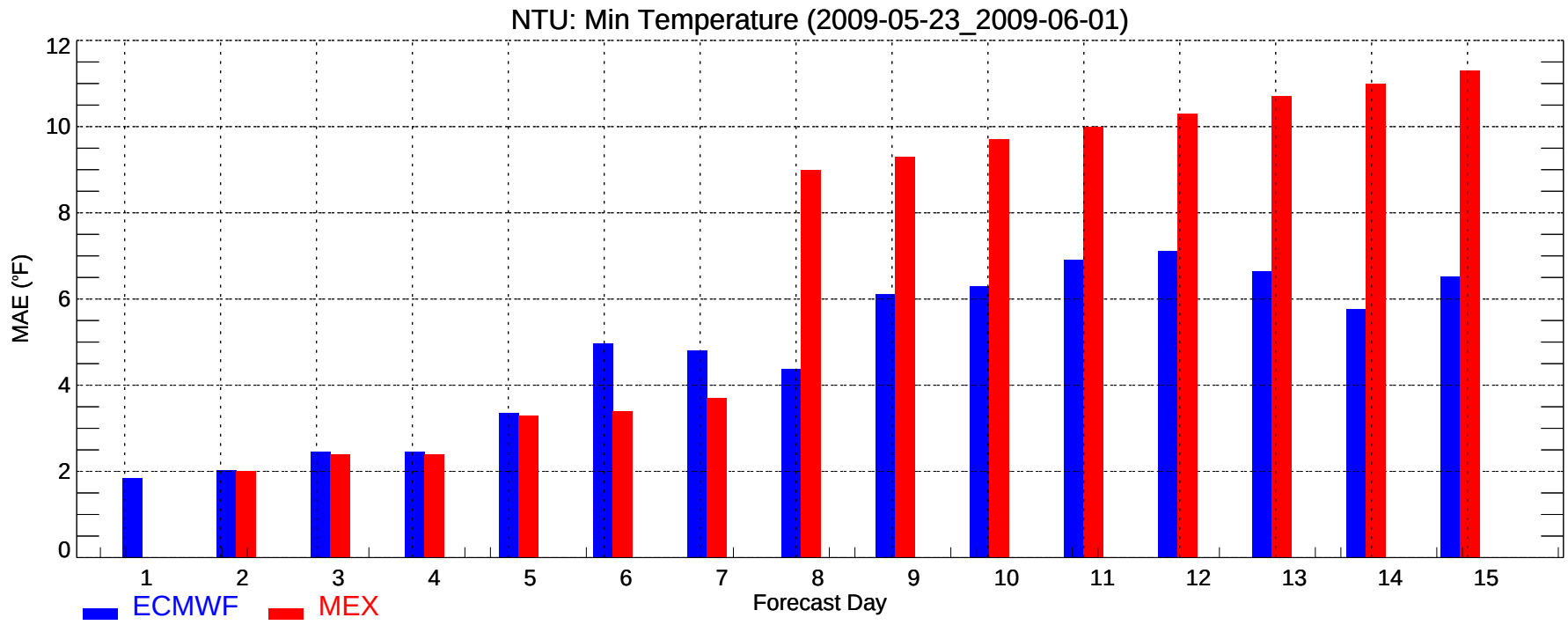

NKX: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

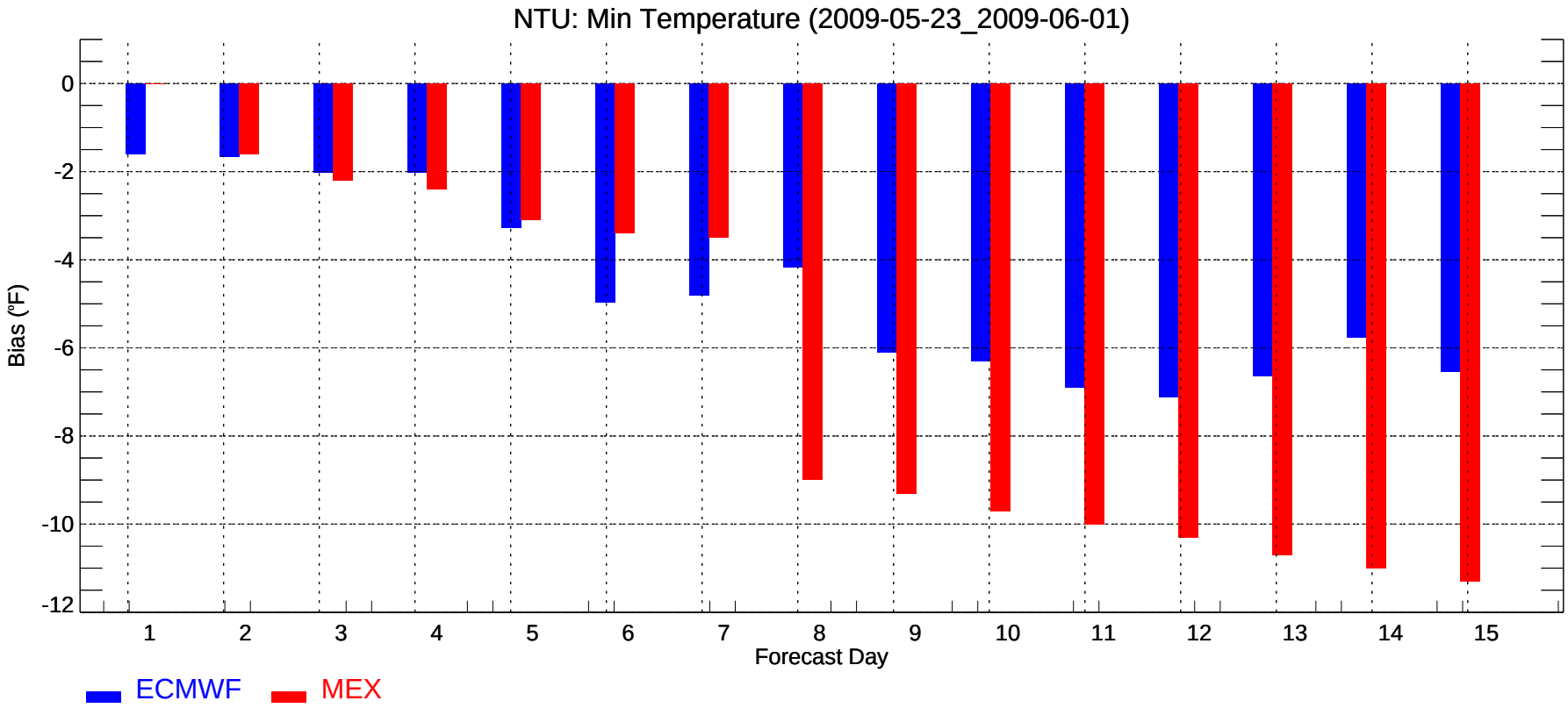

NKX: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

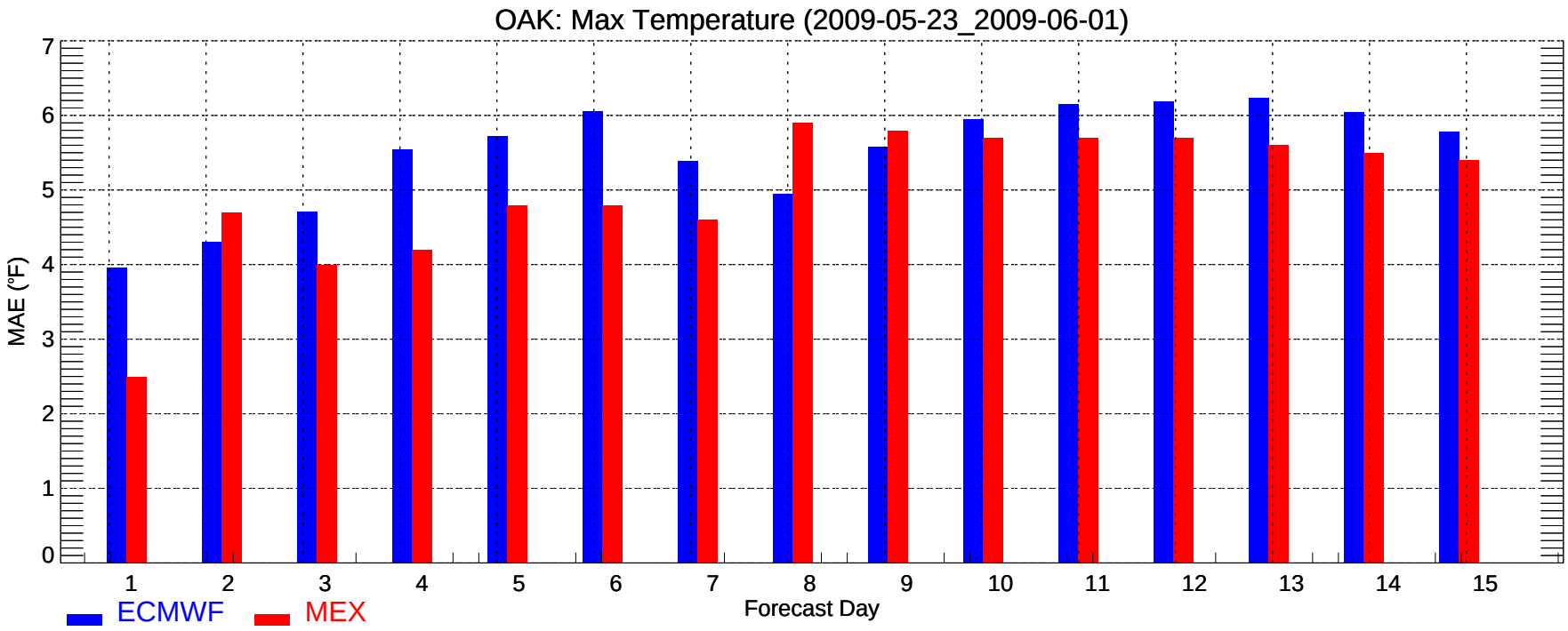

NKX: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

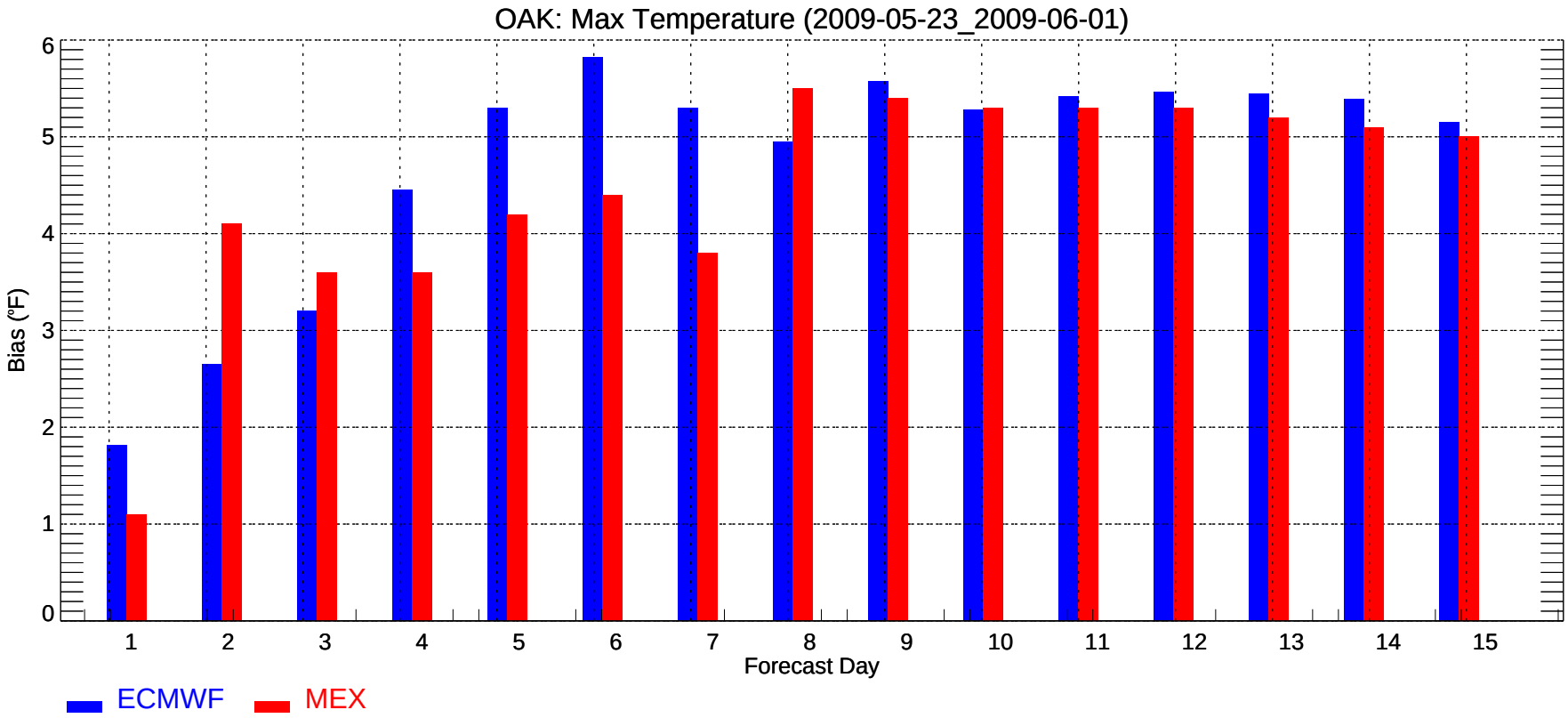

NTU: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

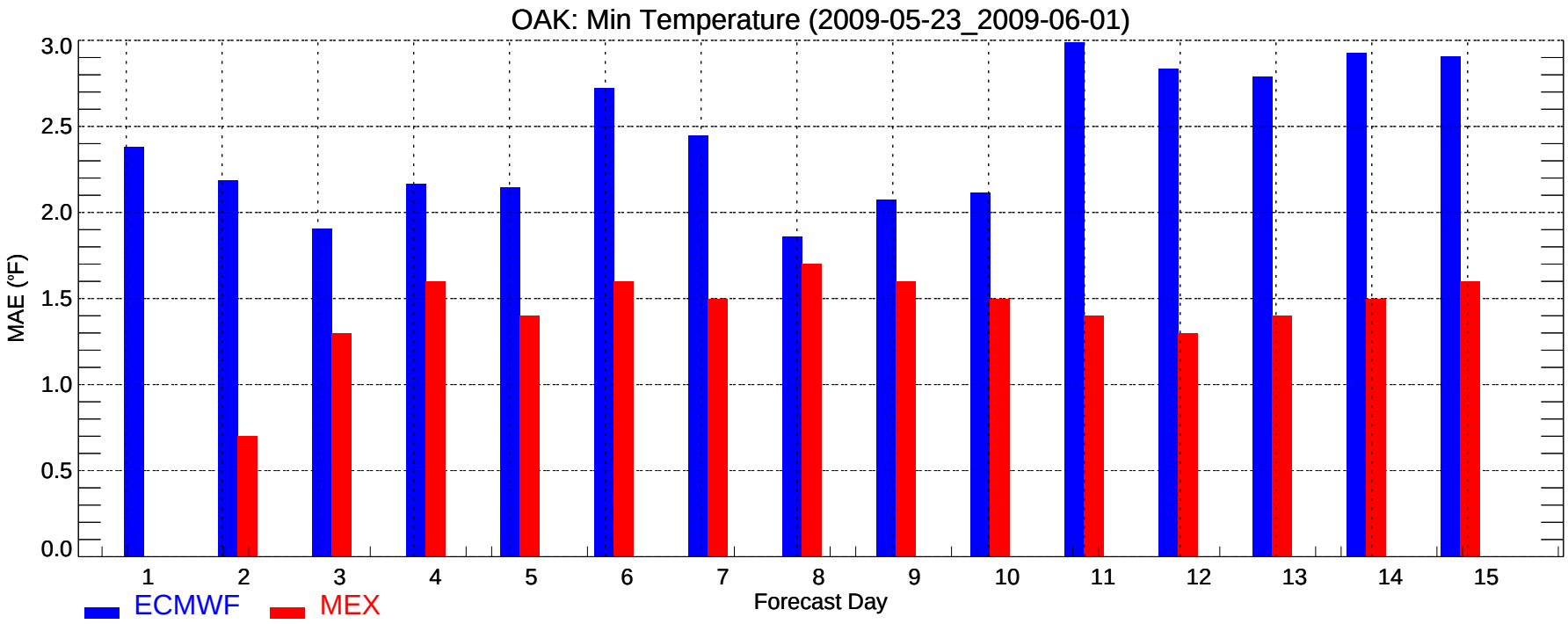

NTU: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

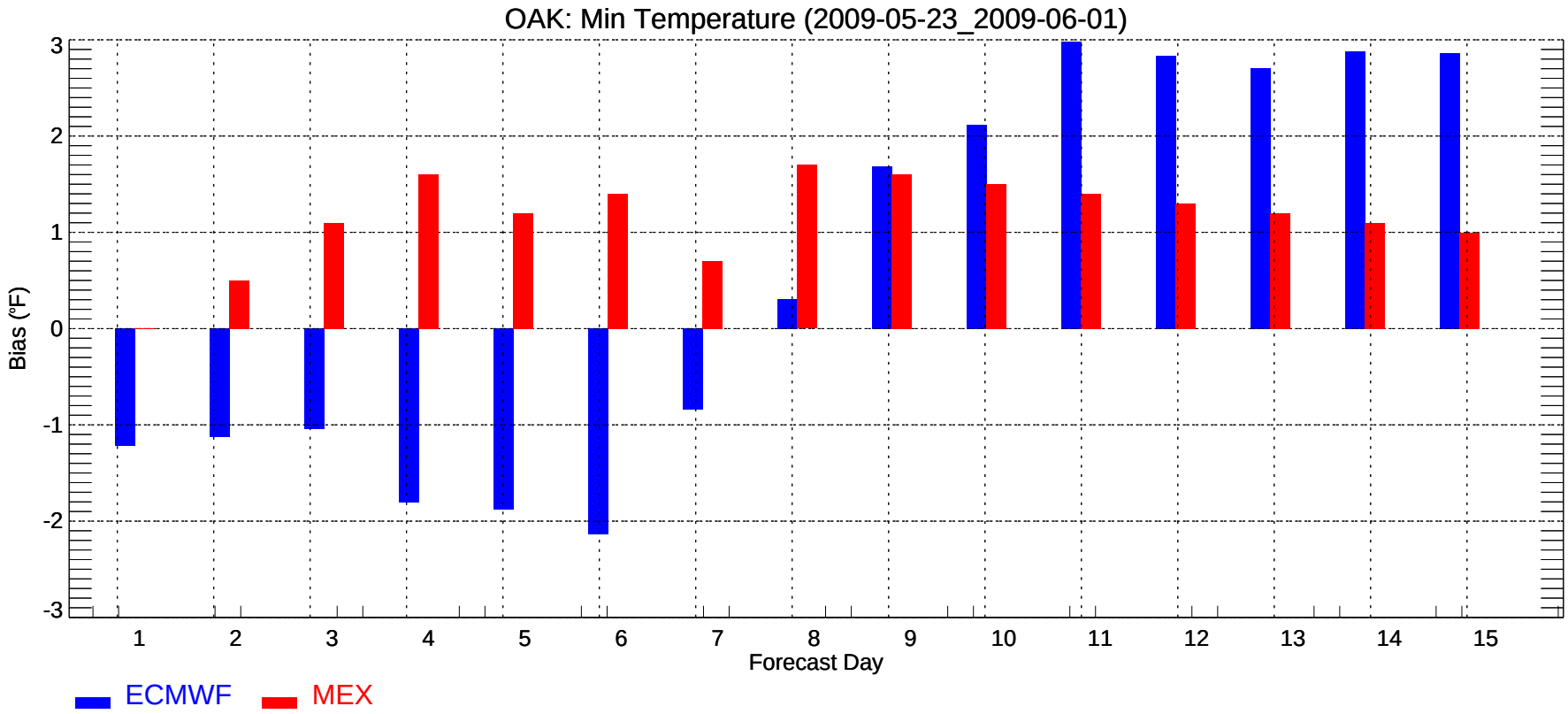

NTU: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

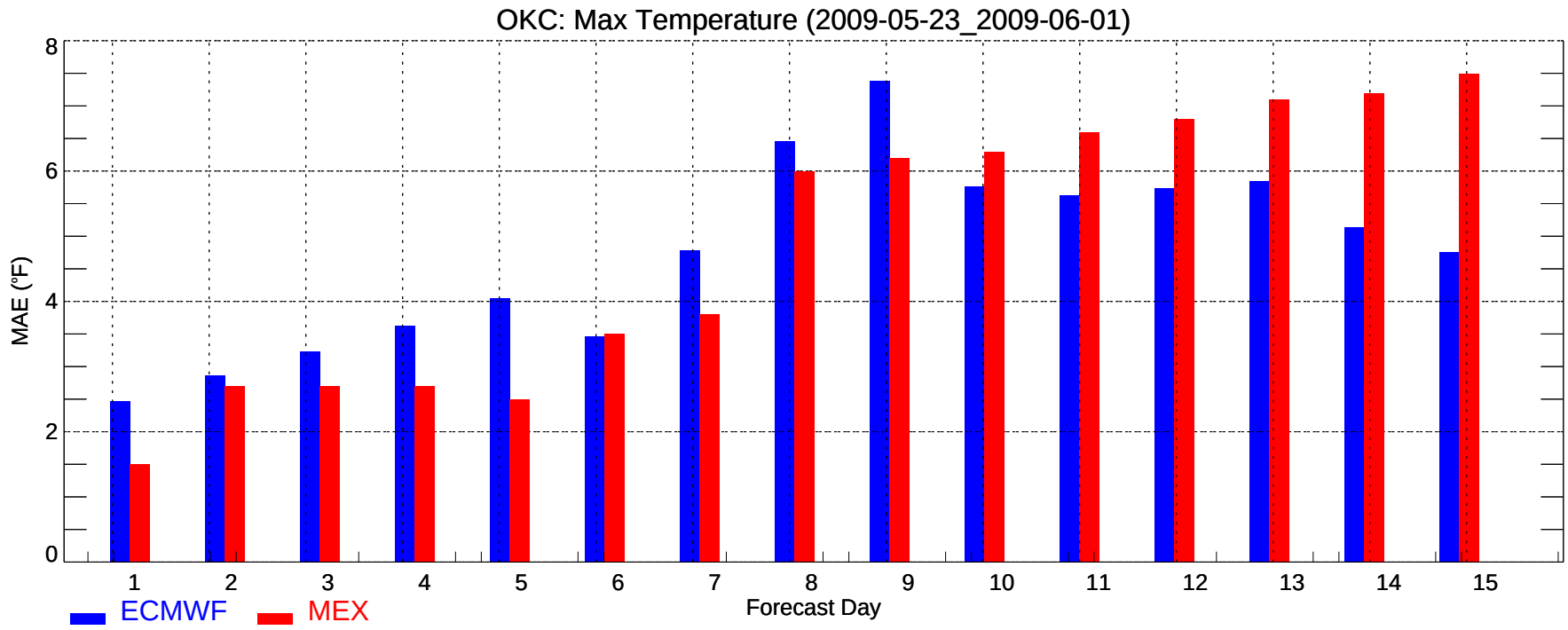

NTU: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

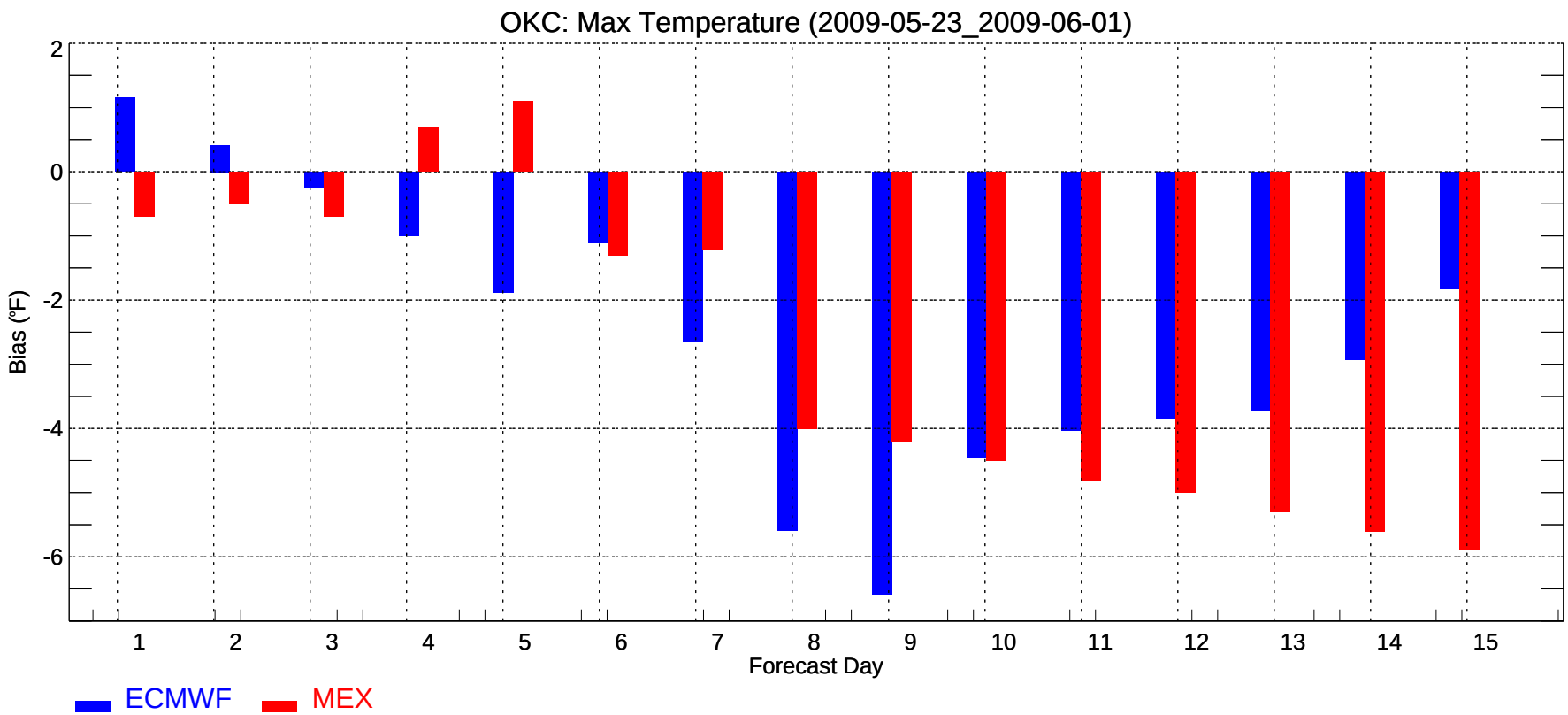

OAK: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

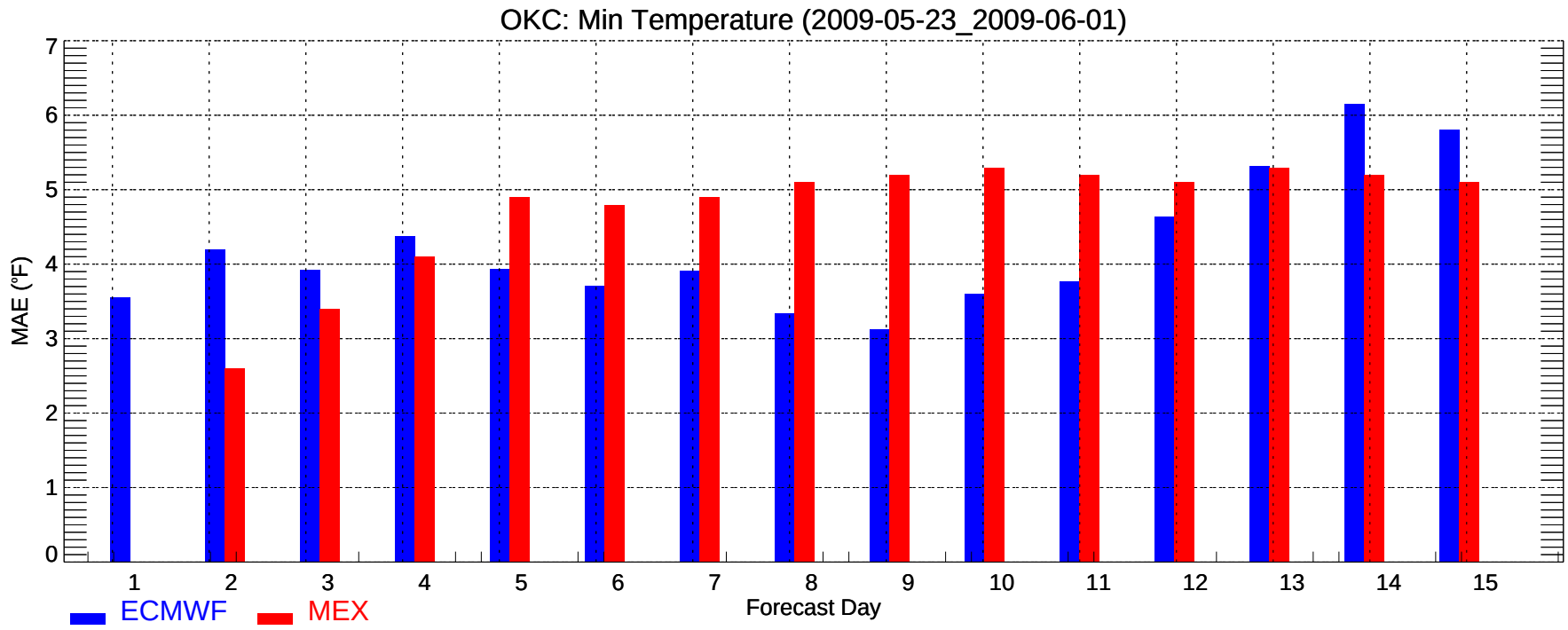

OAK: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

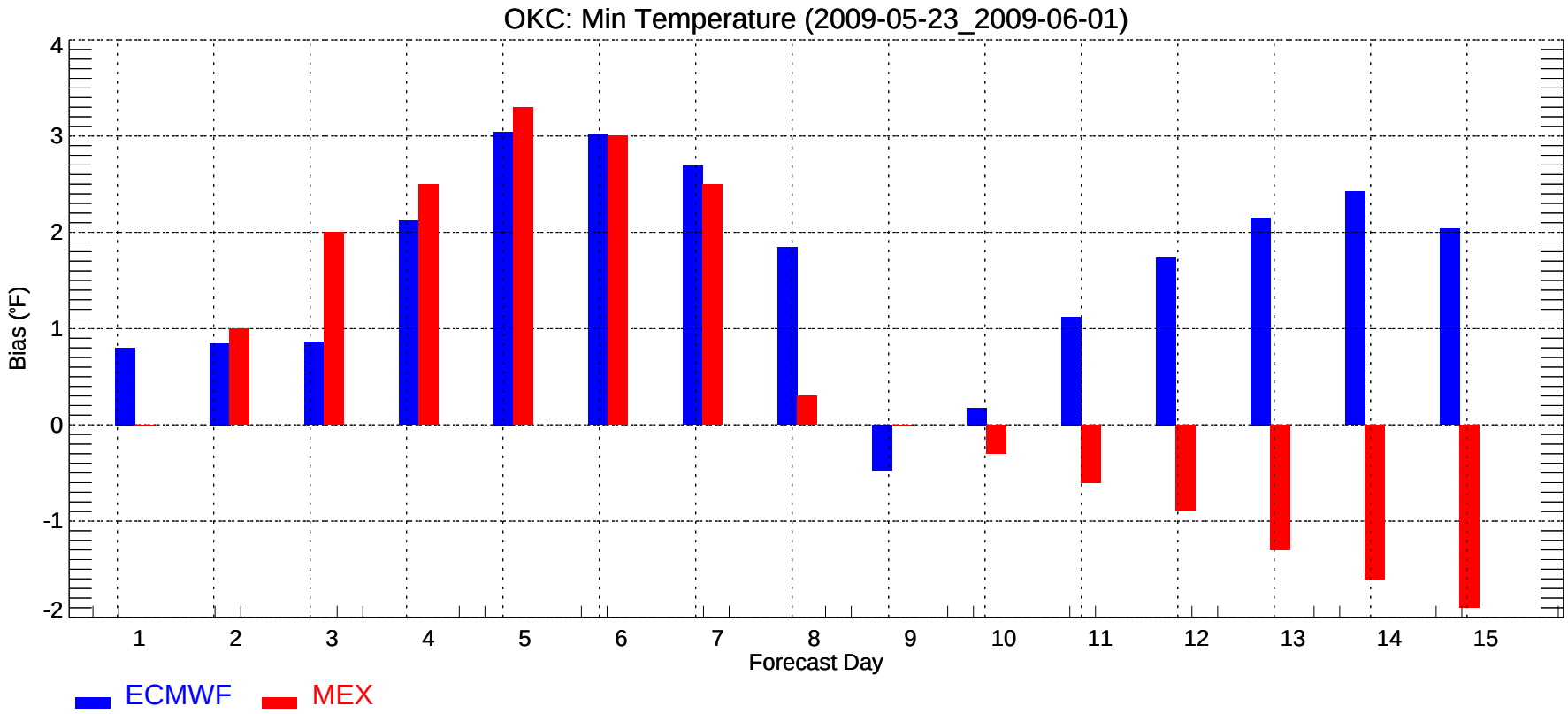

OAK: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX

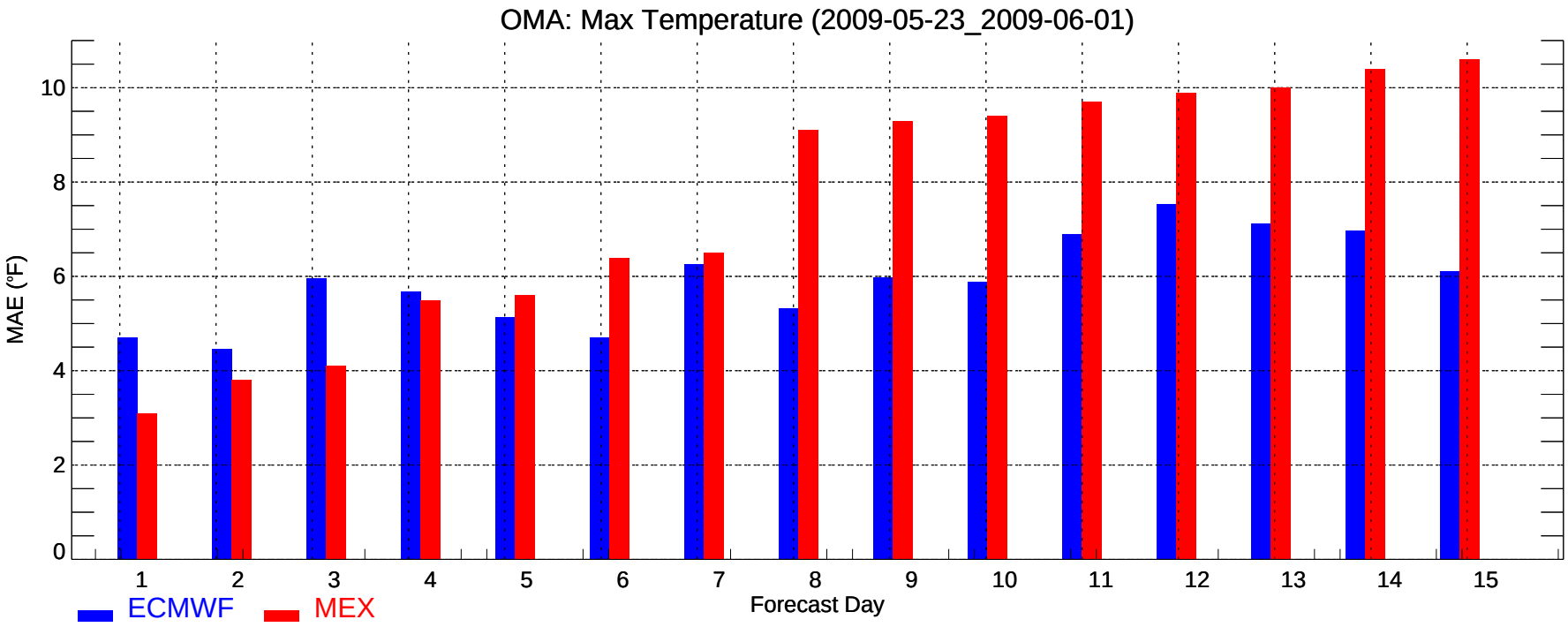

OAK: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
3
2
1
0
-1
-2
-3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX

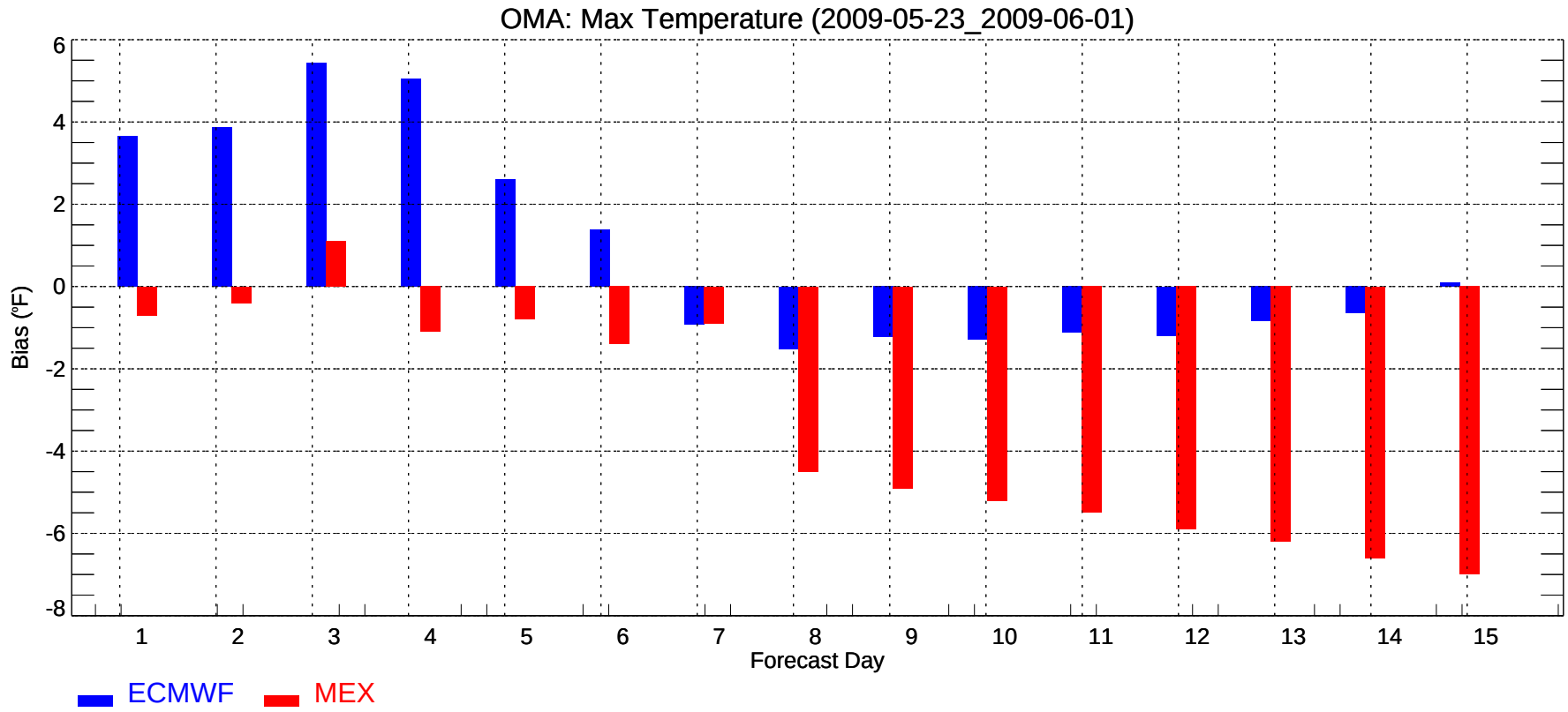

OKC: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

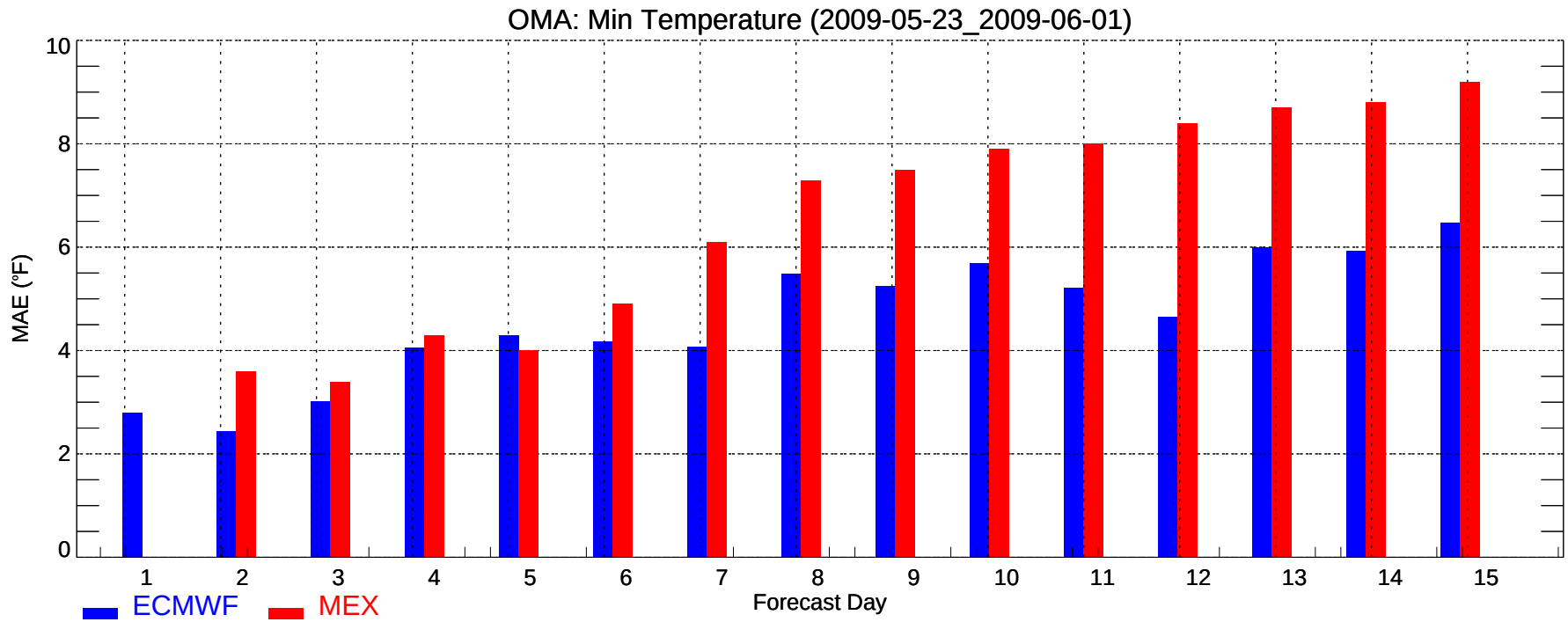

OKC: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

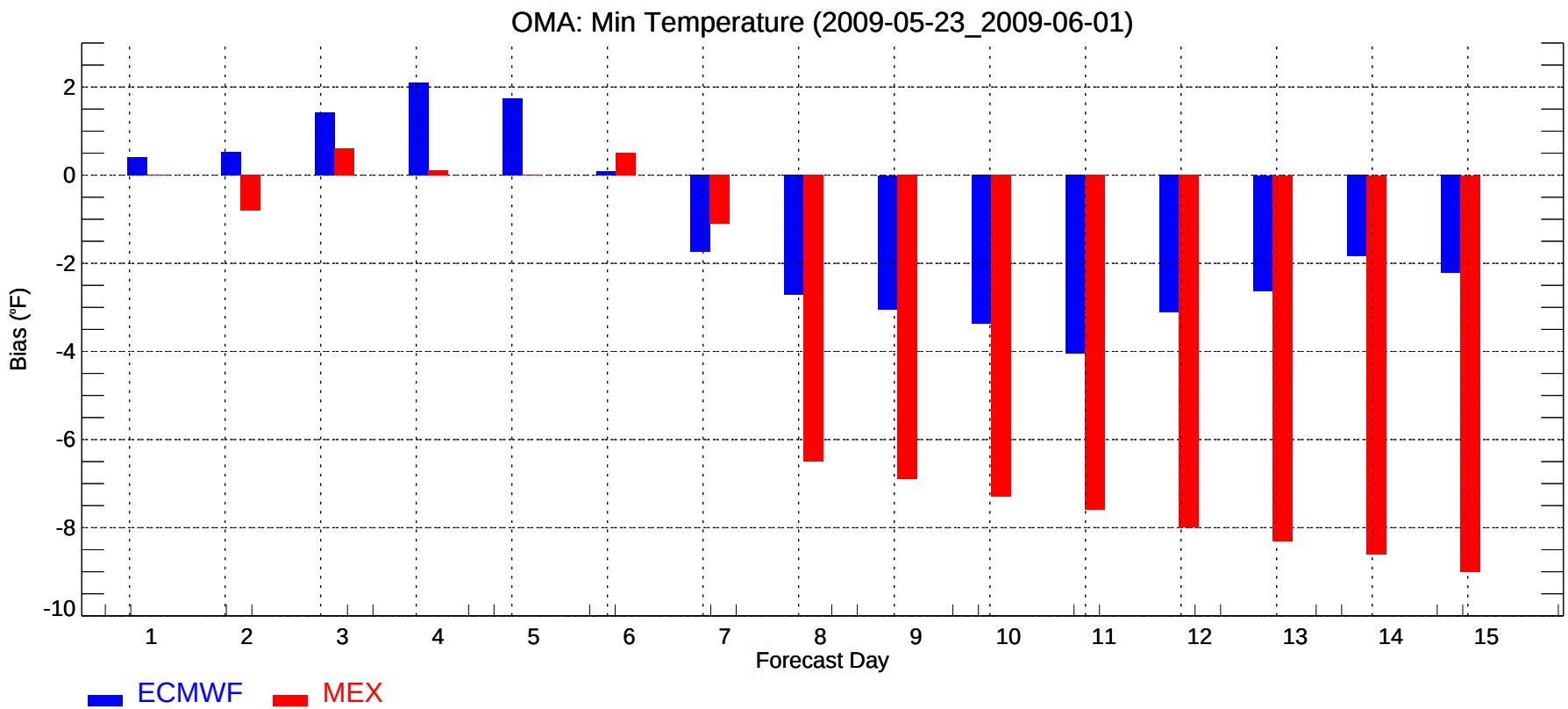

OKC: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

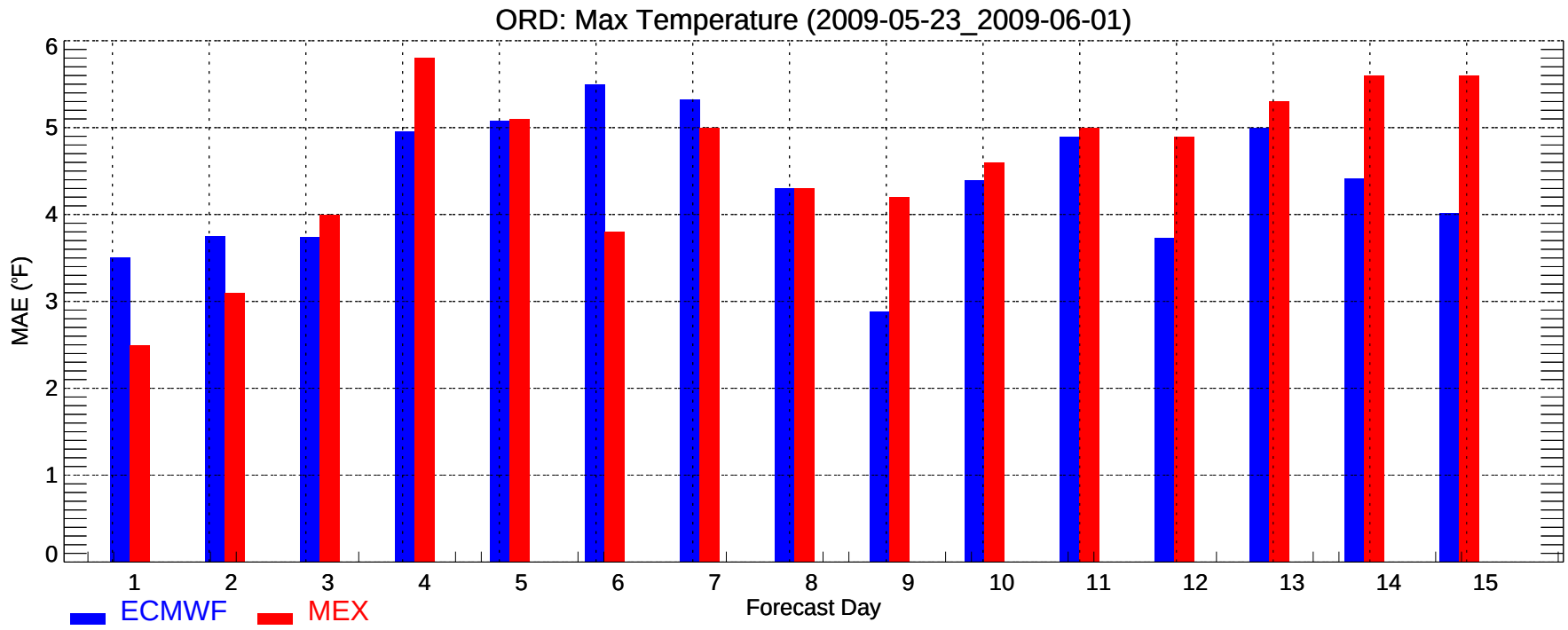

OKC: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

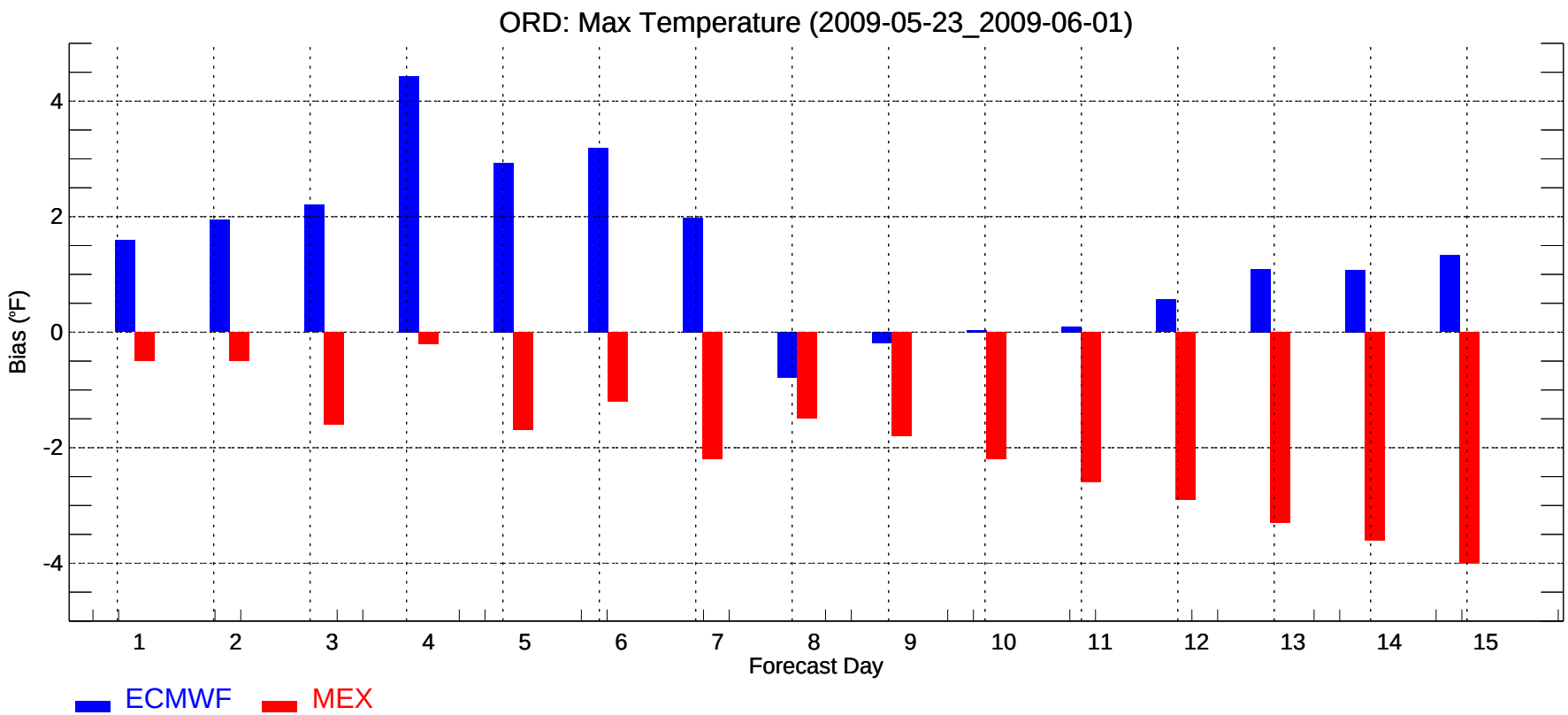

OMA: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

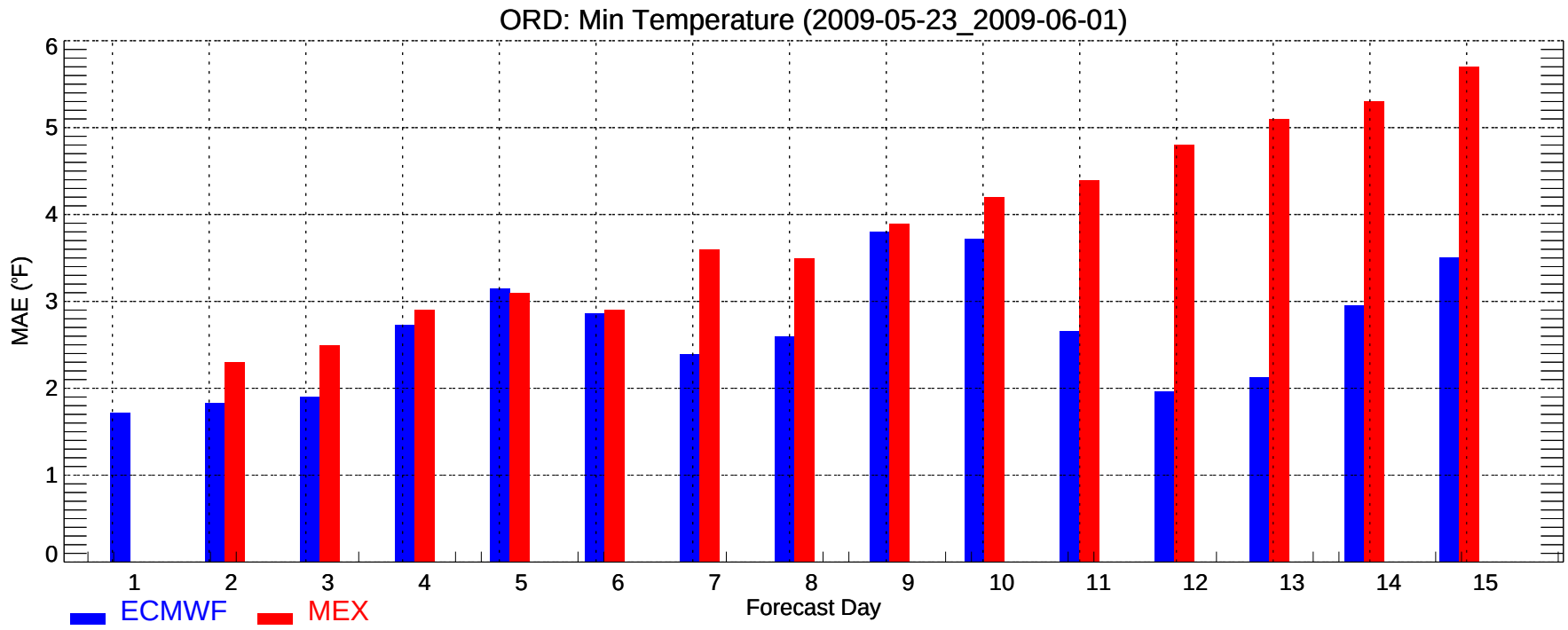

OMA: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
6
4
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

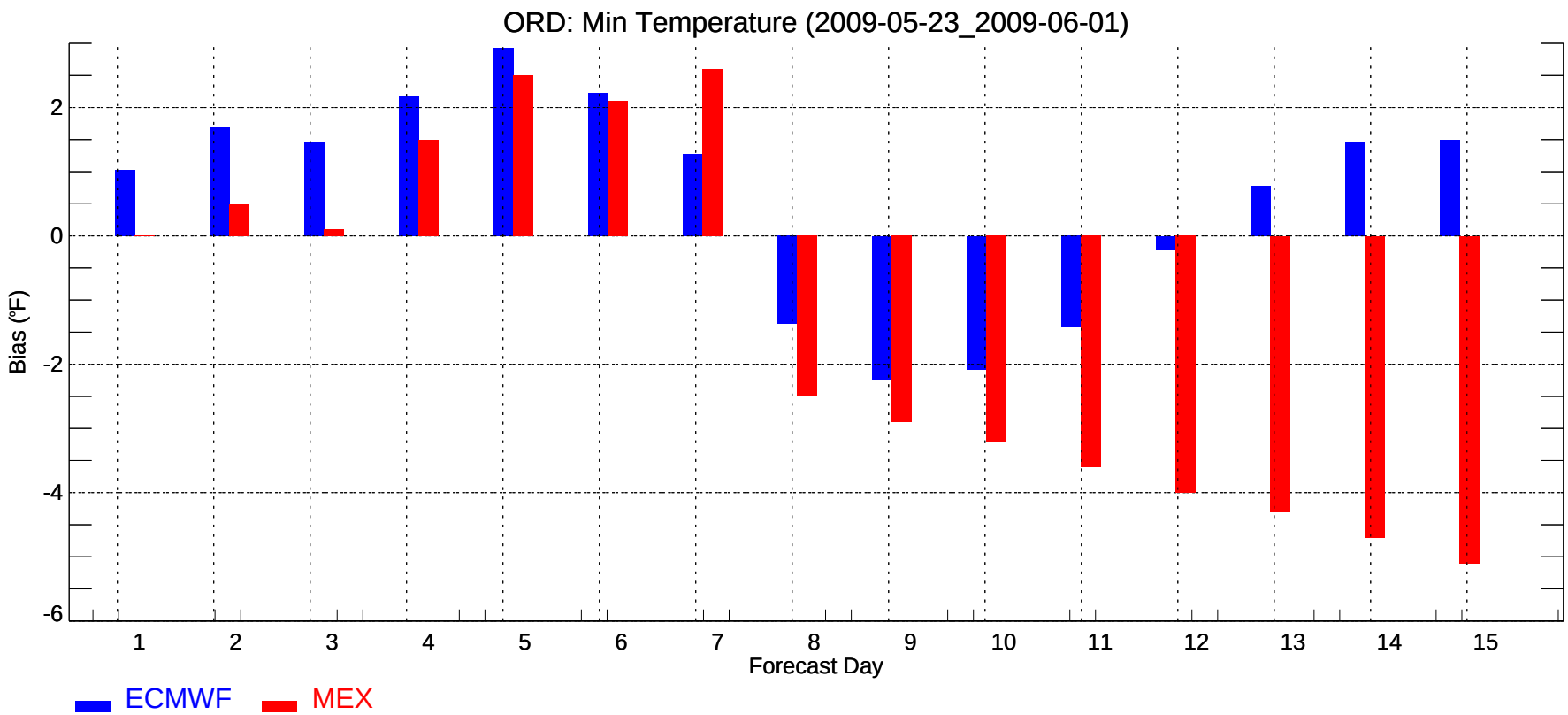

OMA: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

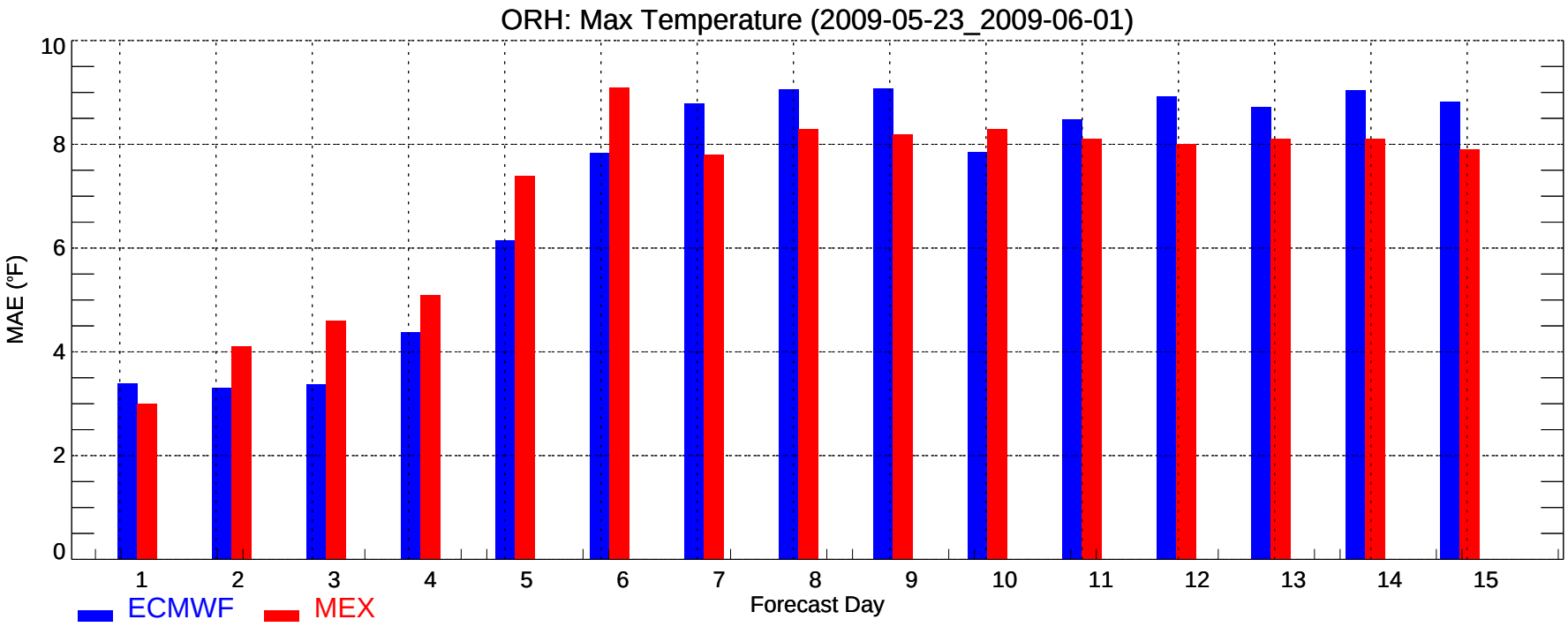

OMA: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

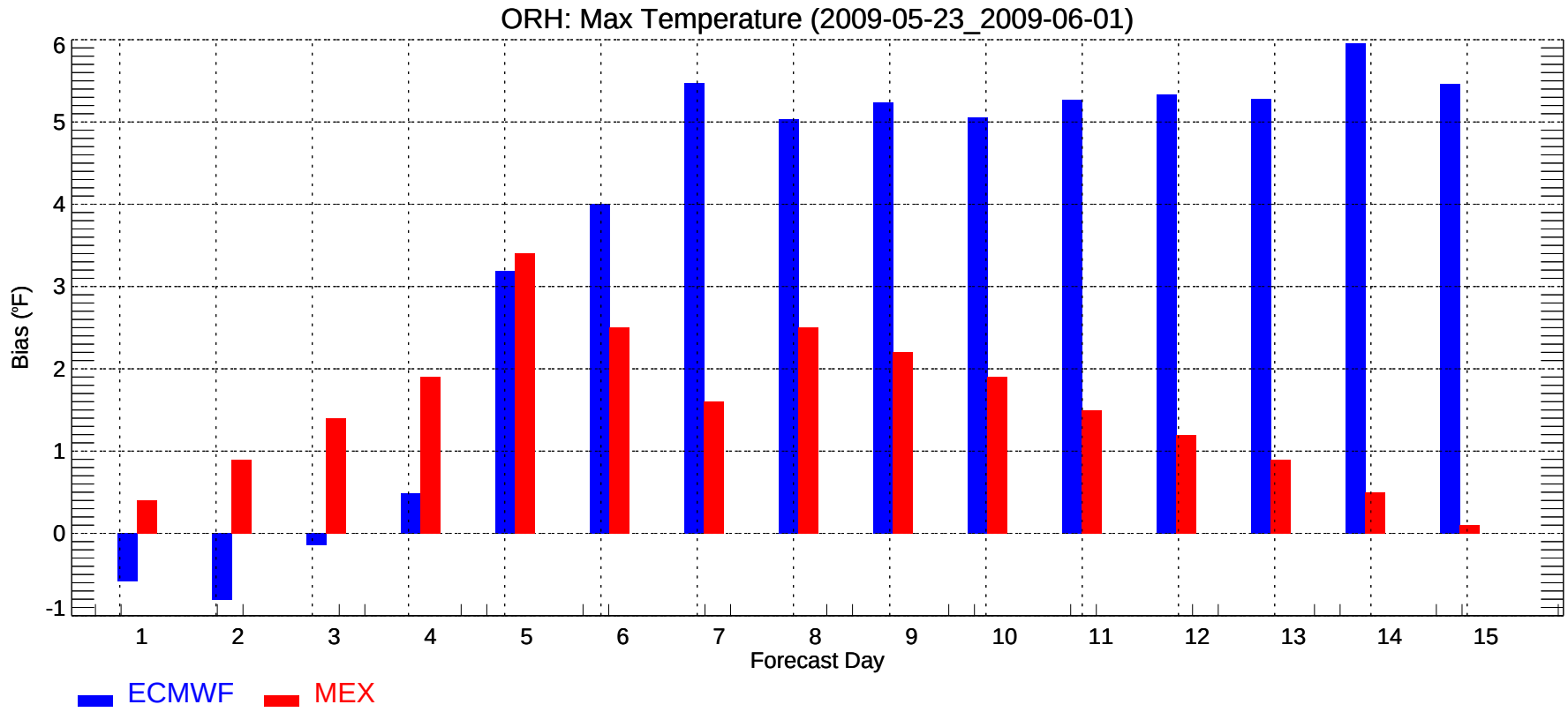

ORD: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

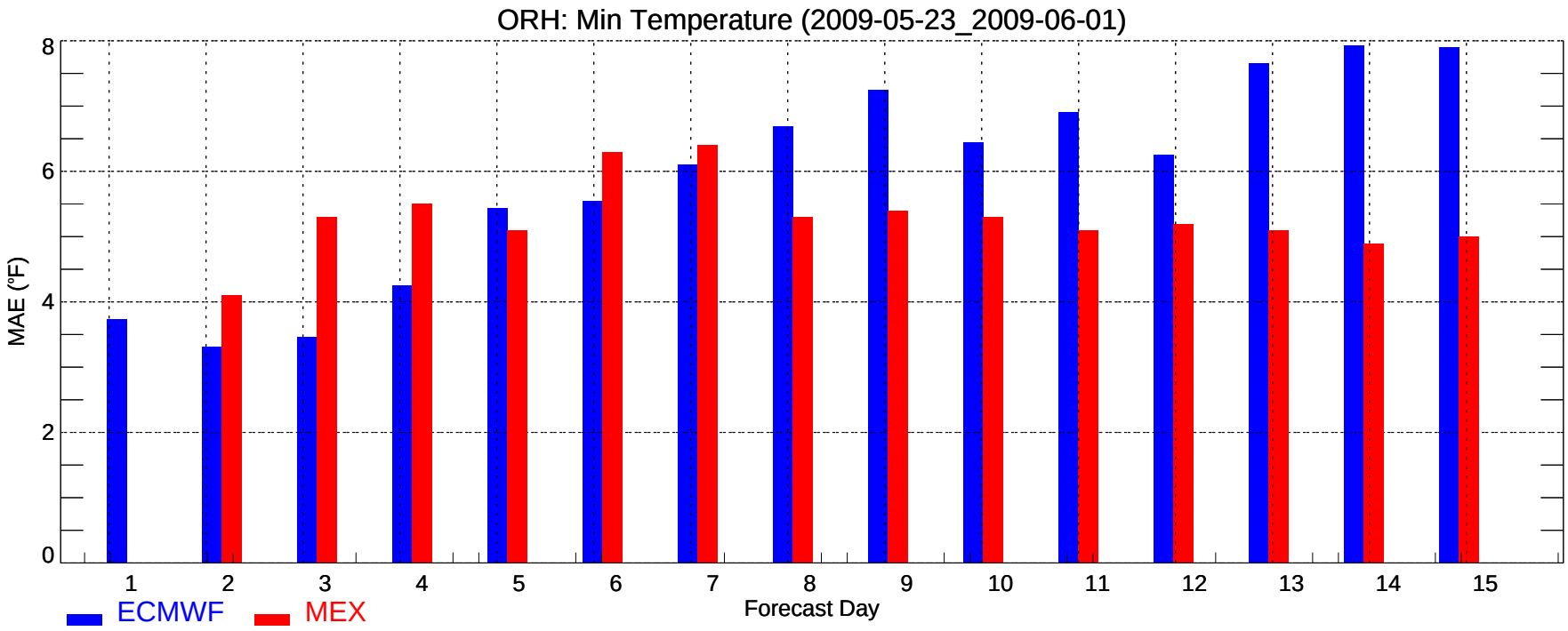

ORD: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

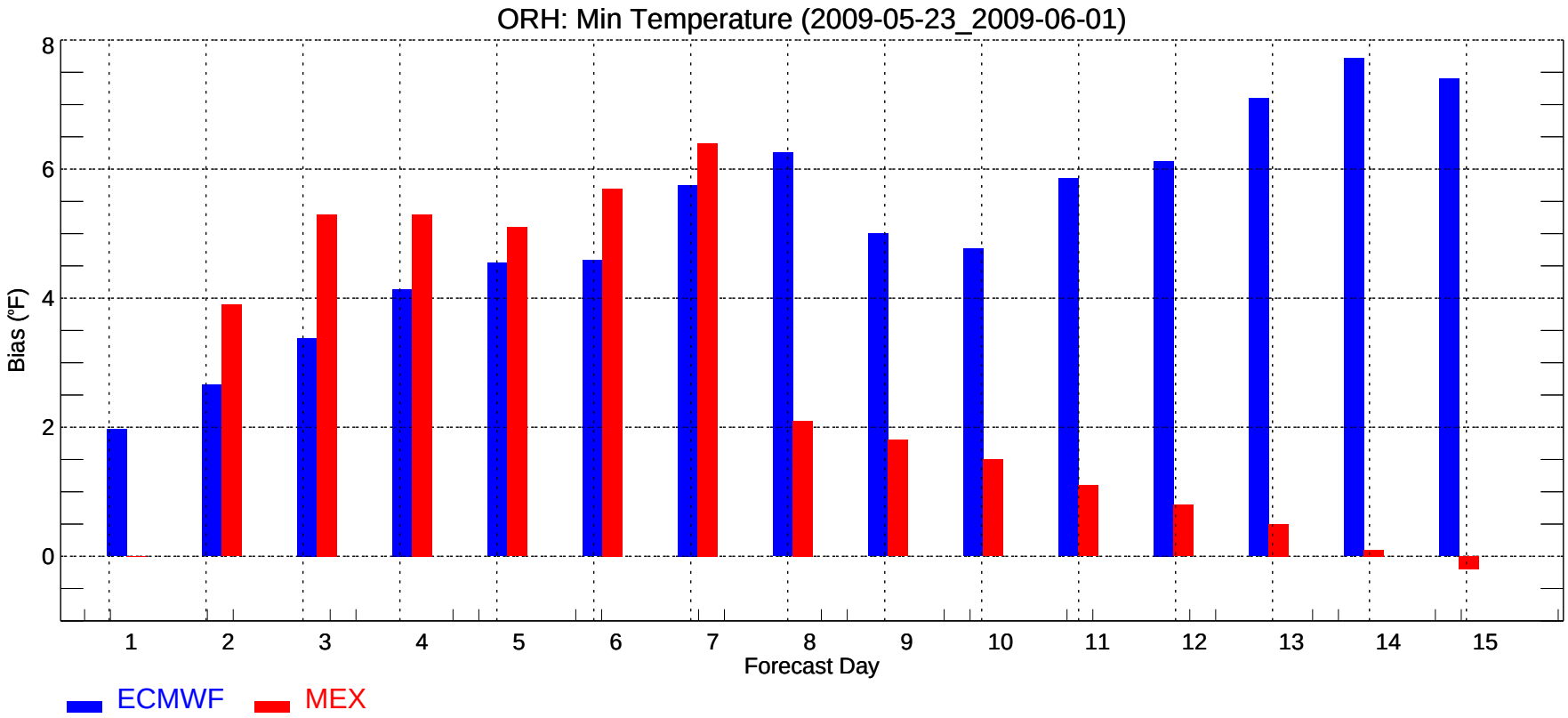

ORD: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

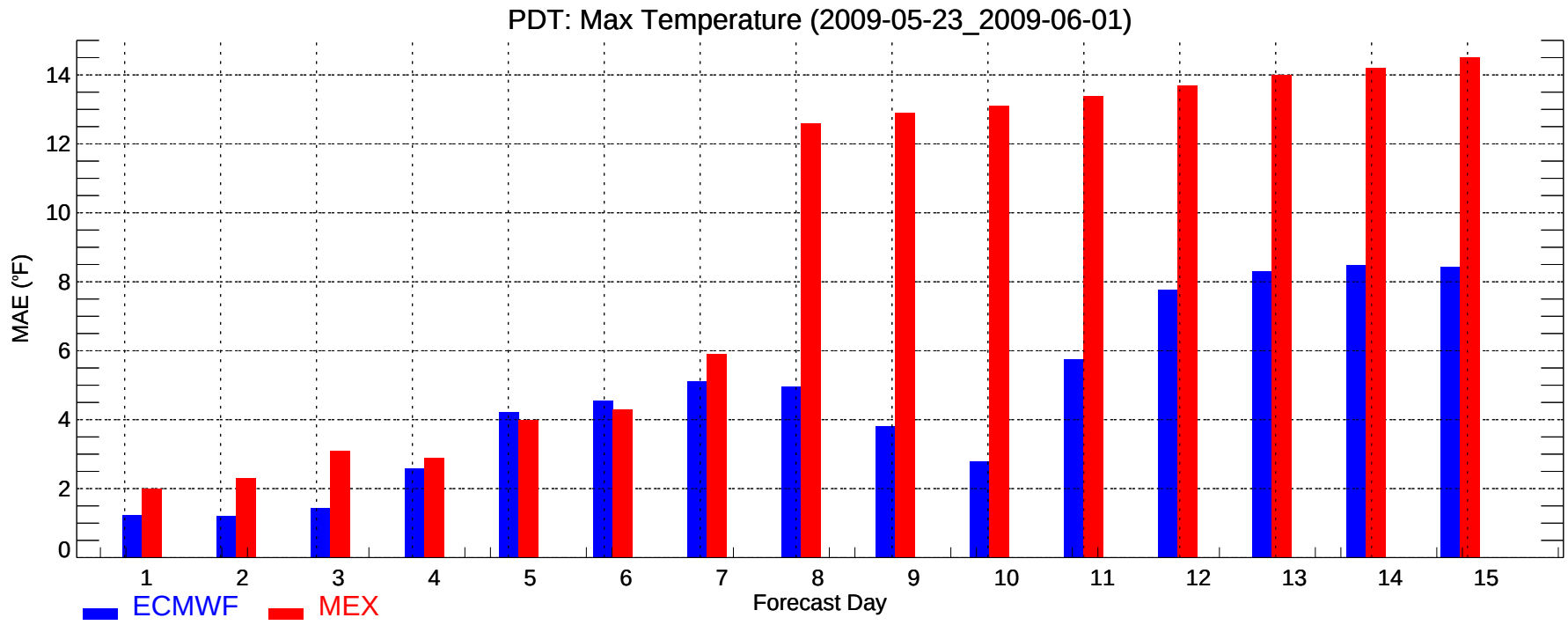

ORD: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

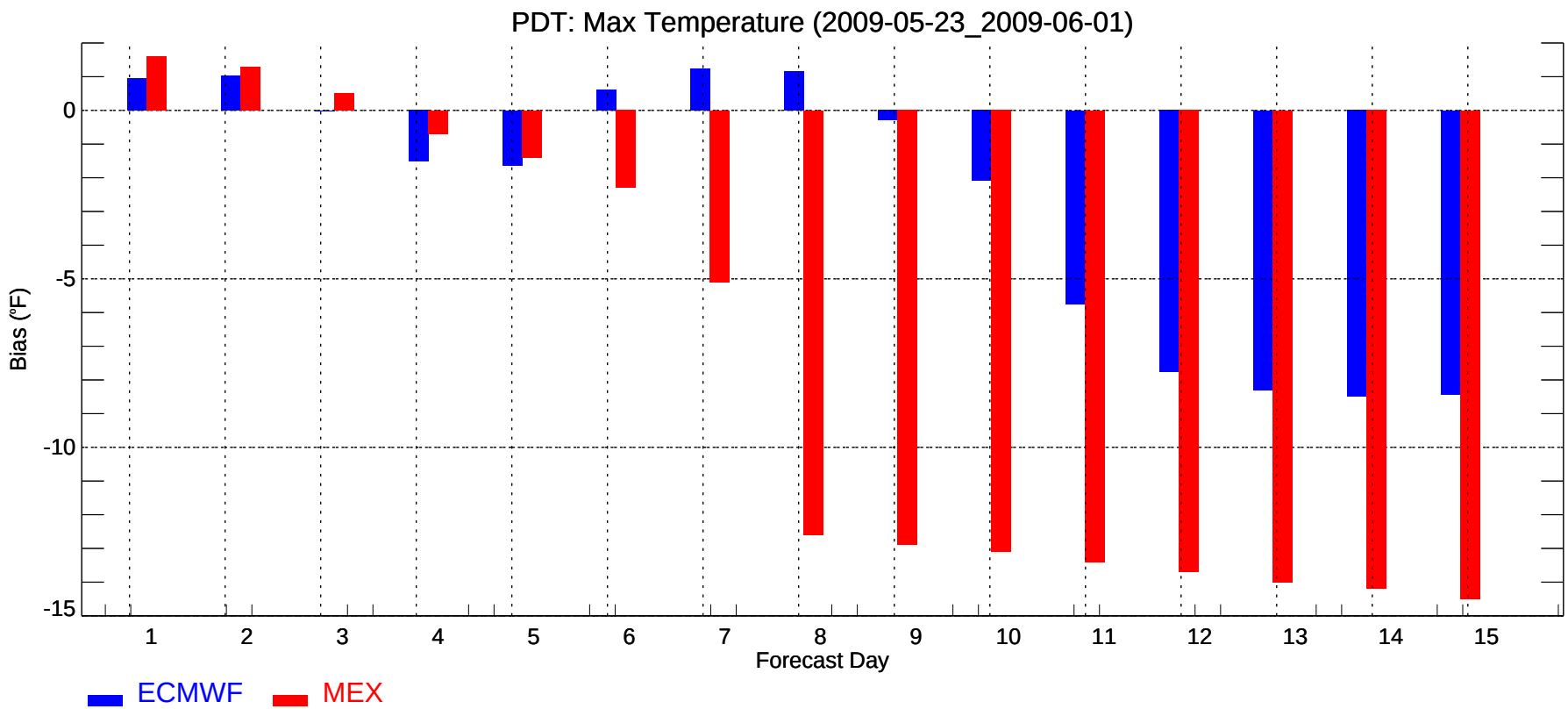

ORH: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

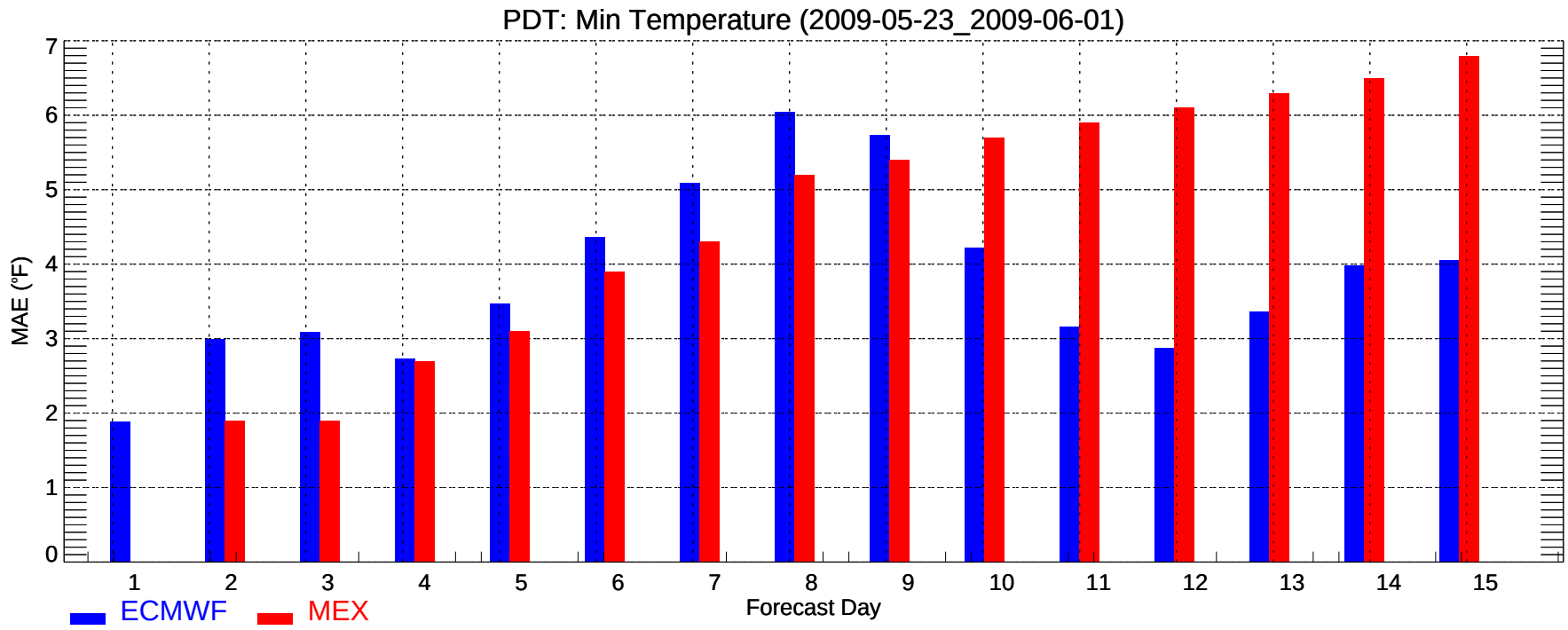

ORH: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

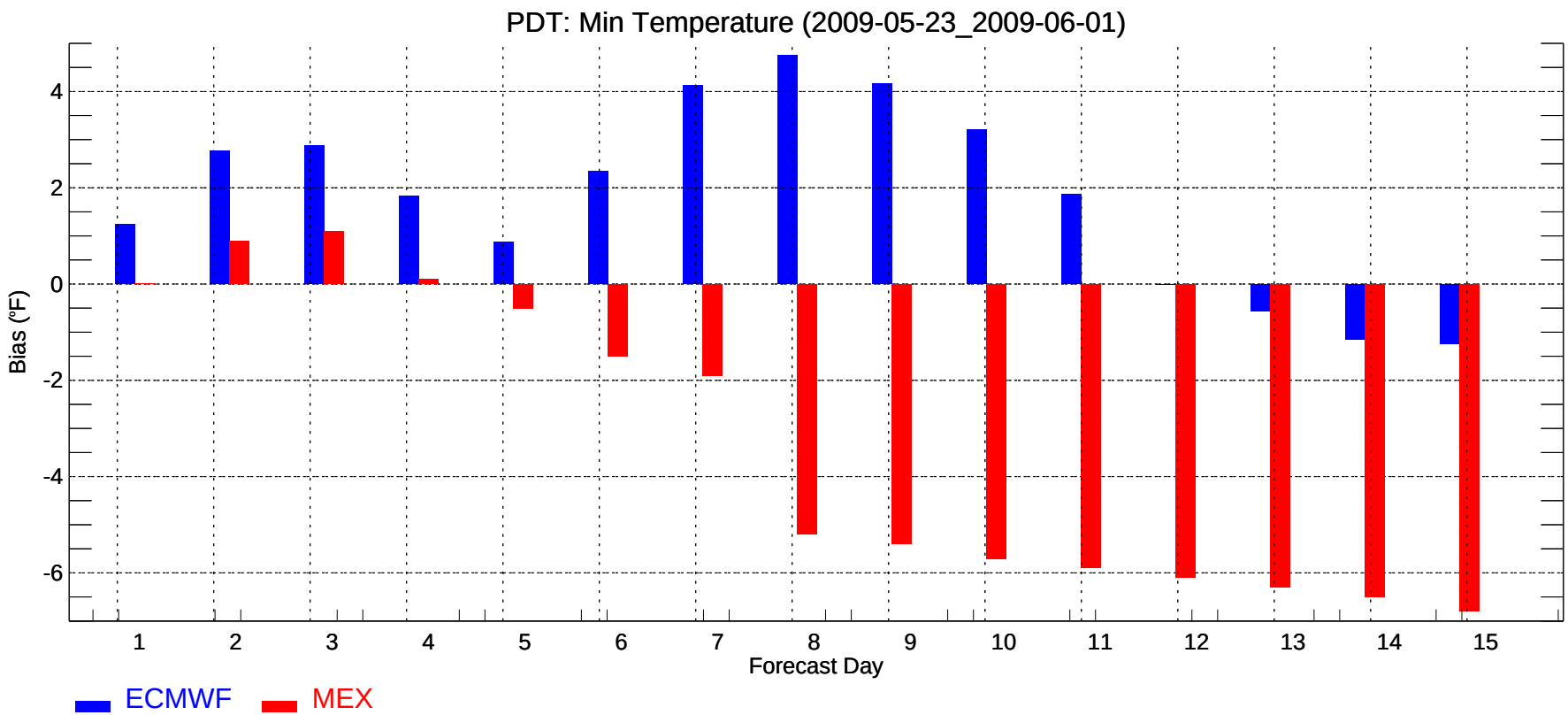

ORH: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

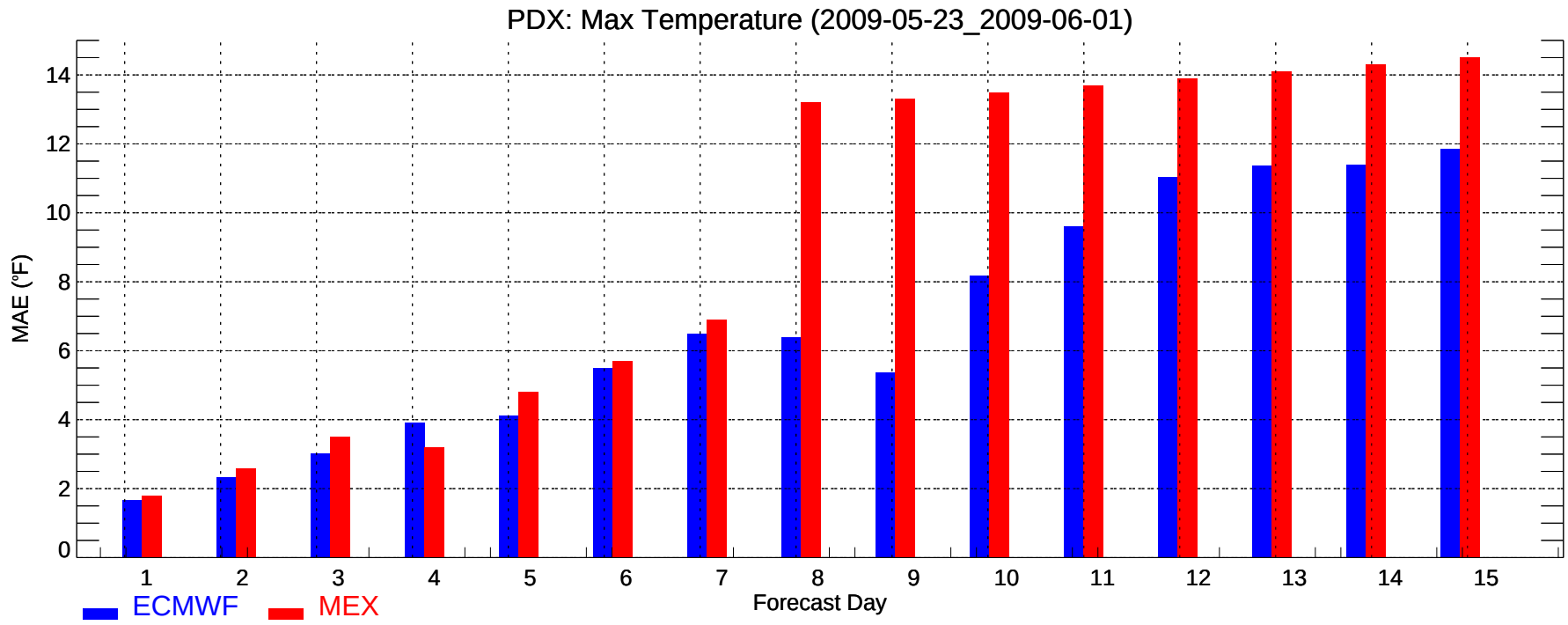

ORH: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

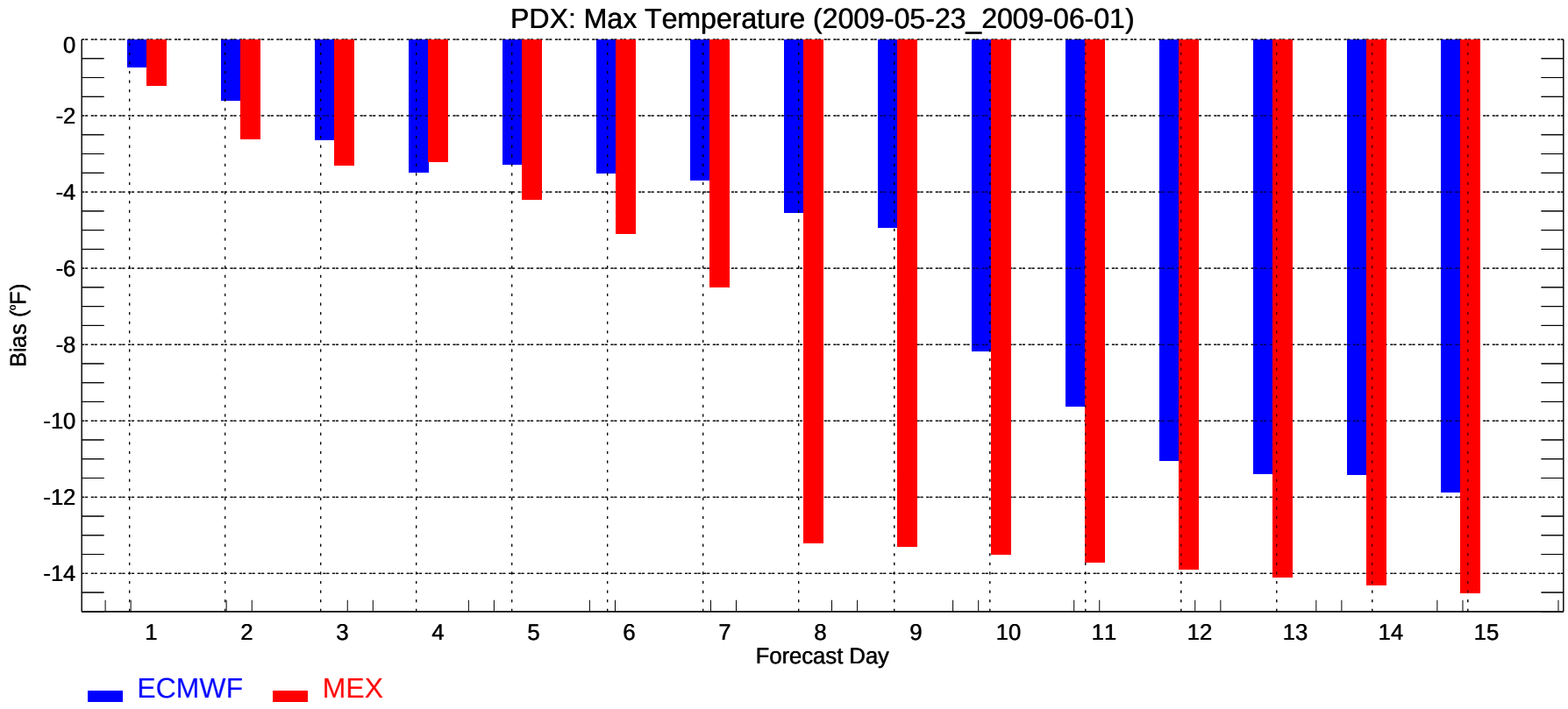

PDT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

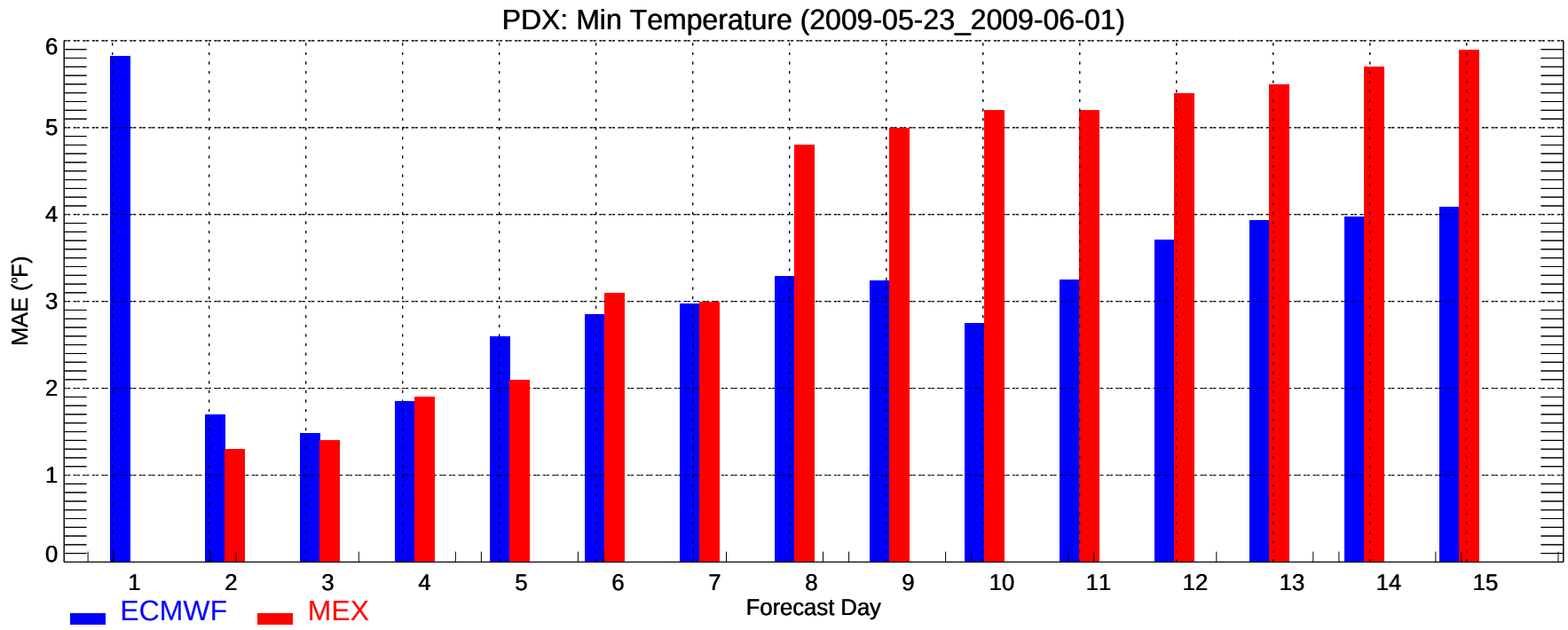

PDT: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

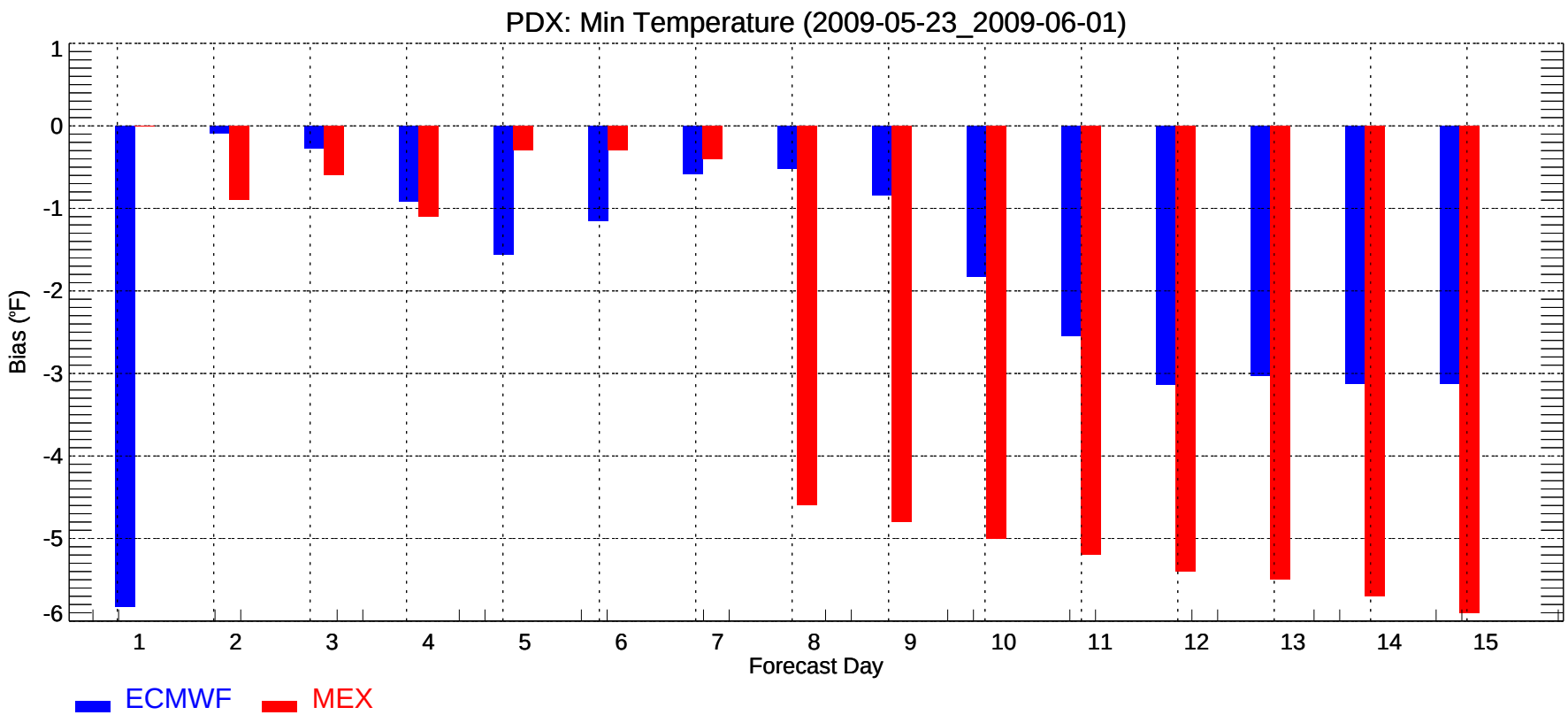

PDT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

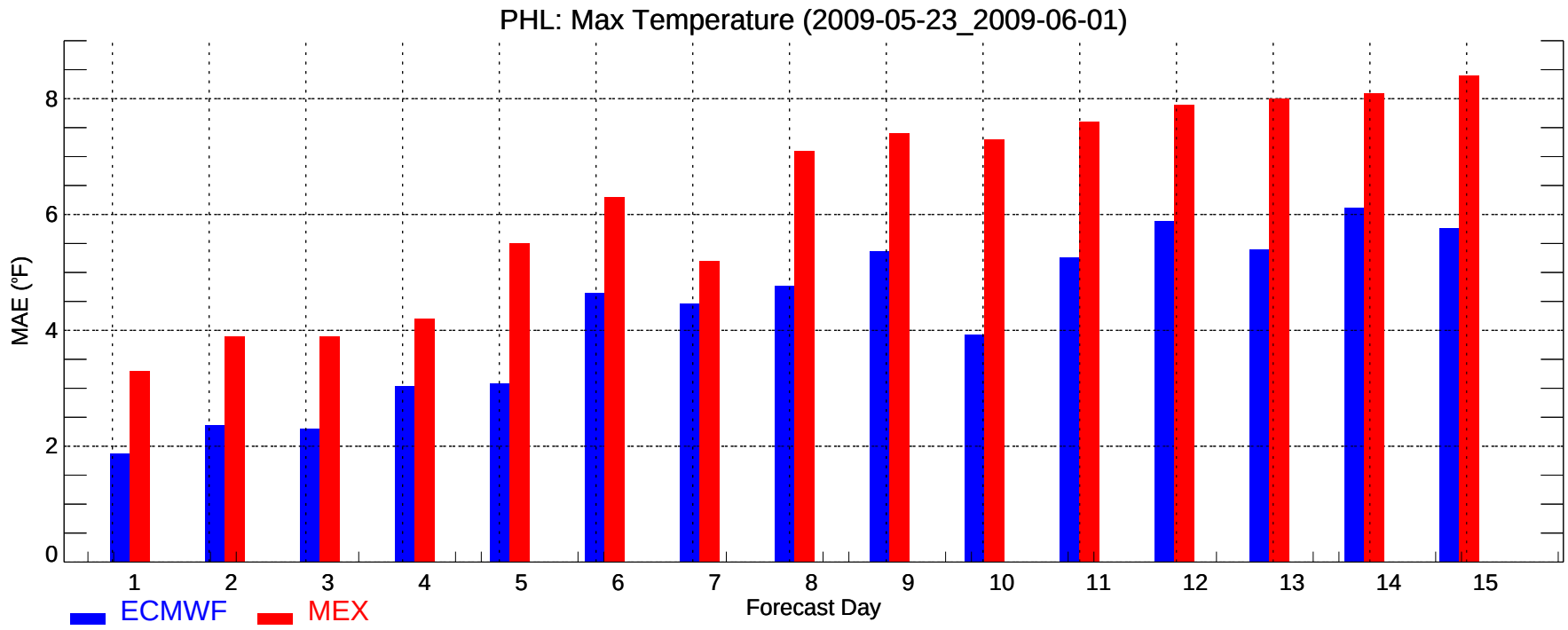

PDT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

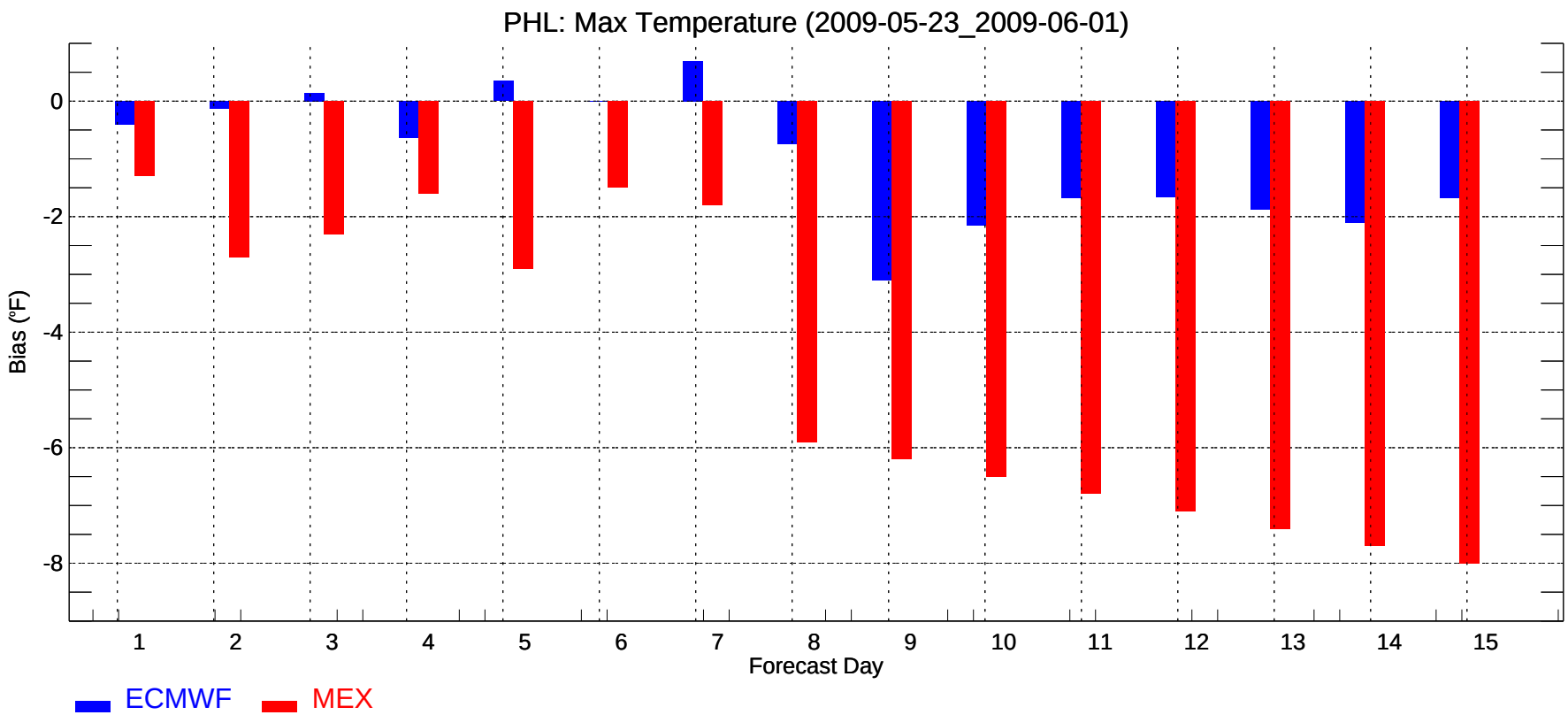

PDX: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

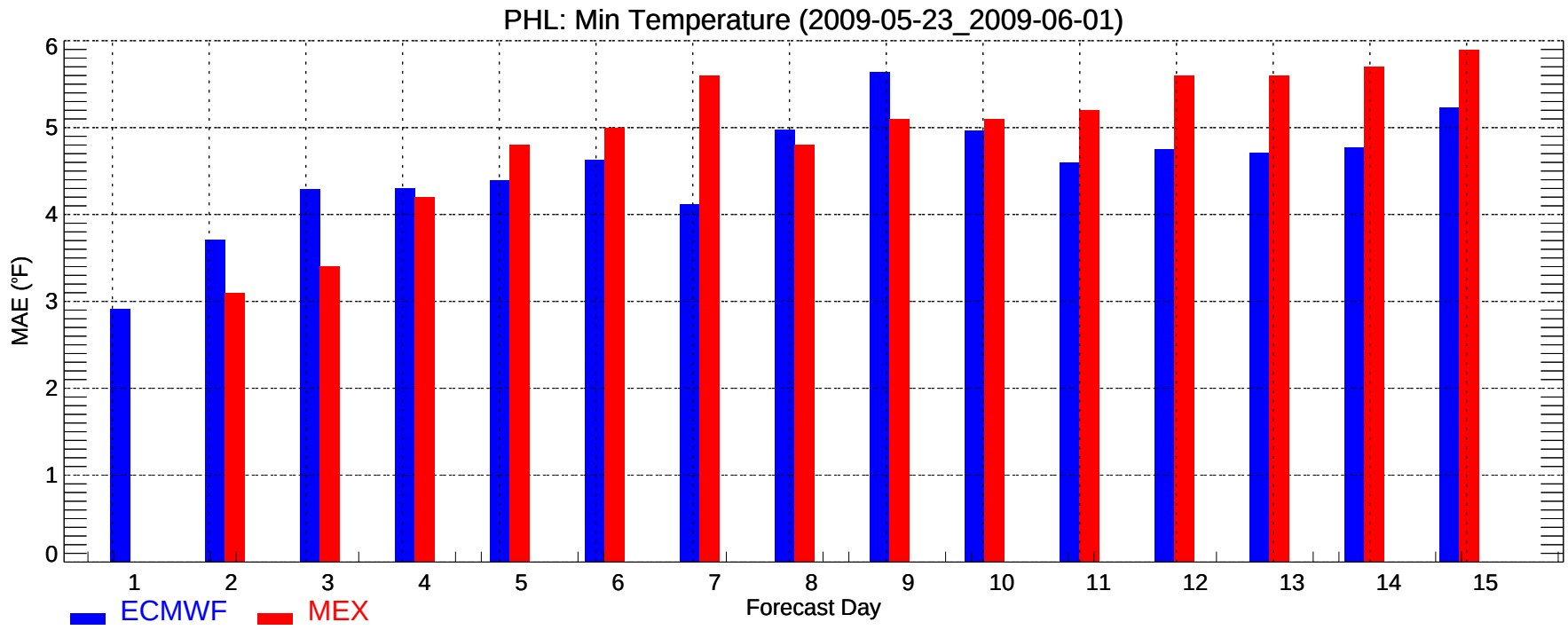

PDX: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
-14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

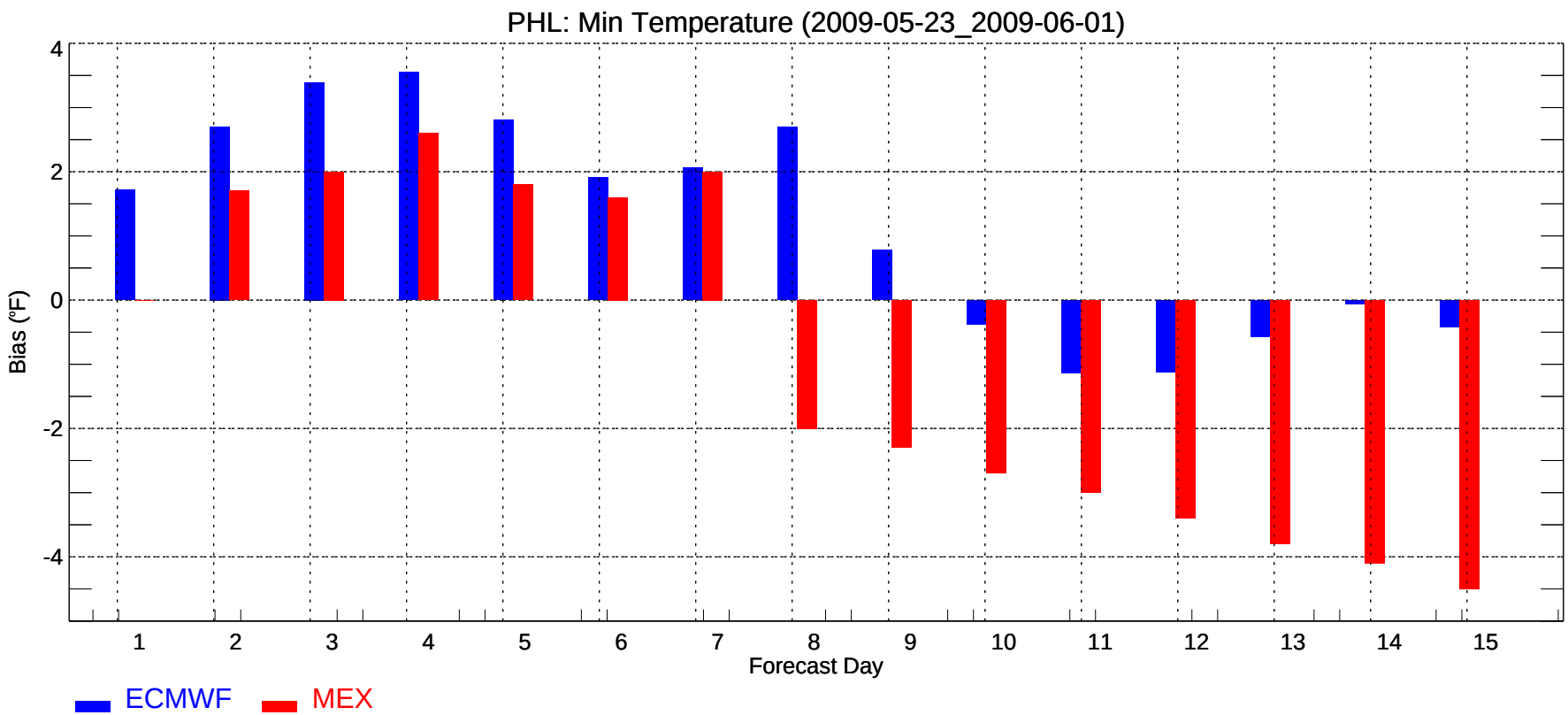

PDX: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

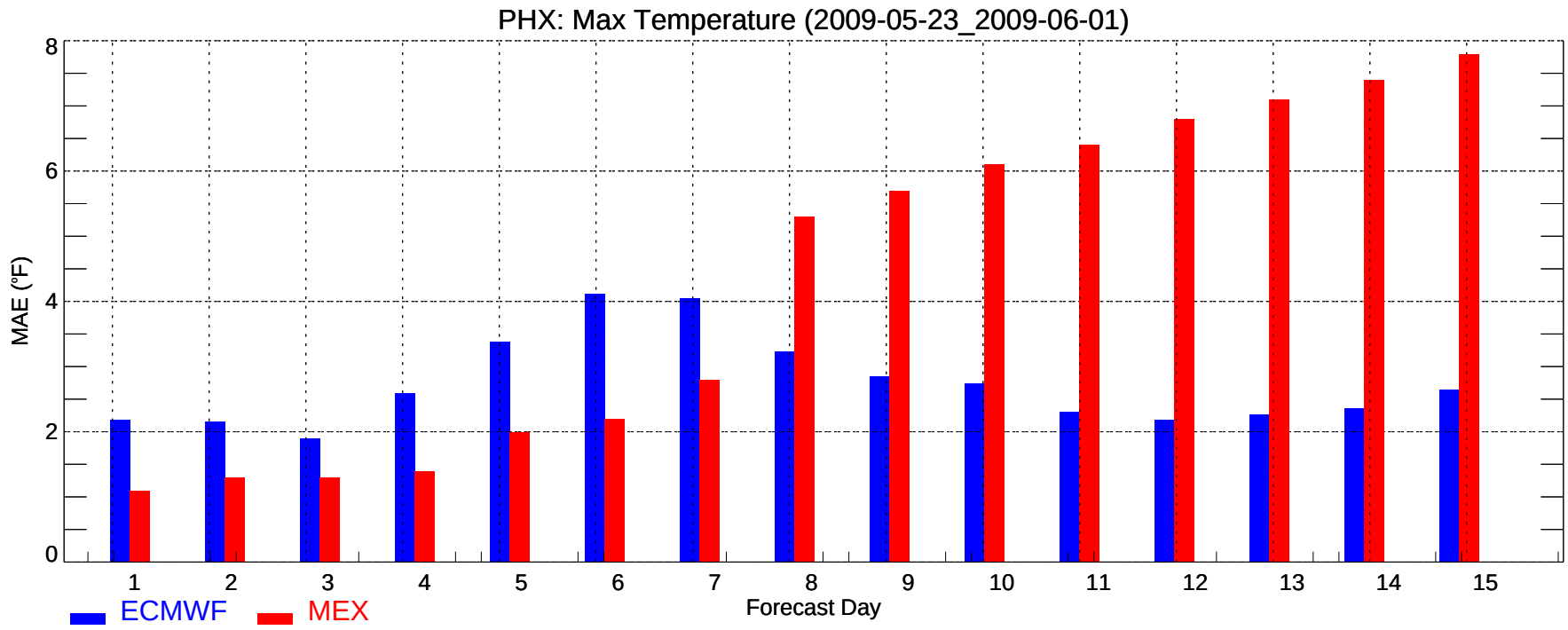

PDX: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

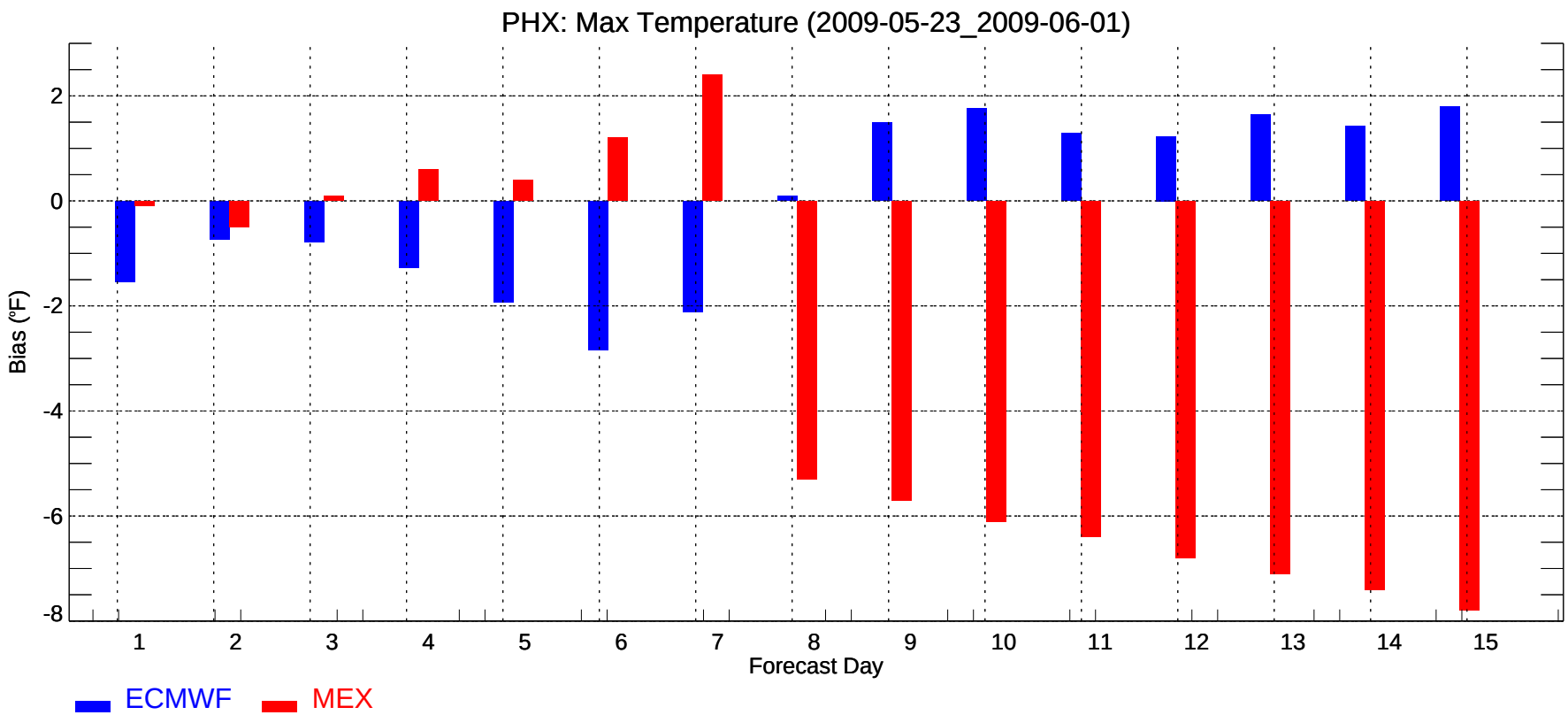

PHL: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PHL: Max Temperature (2009-05-23_2009-06-01)
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


PHL: Min Temperature (2009-05-23_2009-06-01)
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


PHL: Min Temperature (2009-05-23_2009-06-01)
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


PHX: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PHX: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
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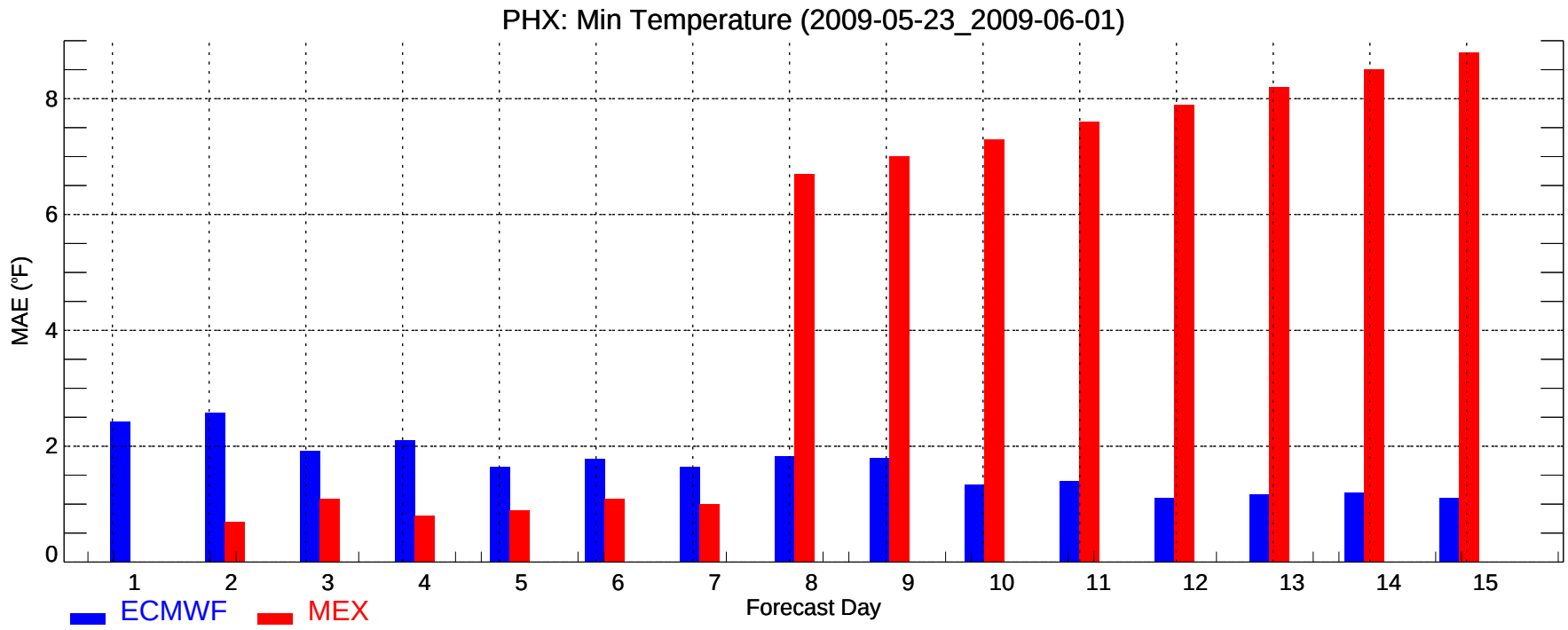
Forecast Day
ECMWF
MEX


PHX: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
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6
7
8
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13
14
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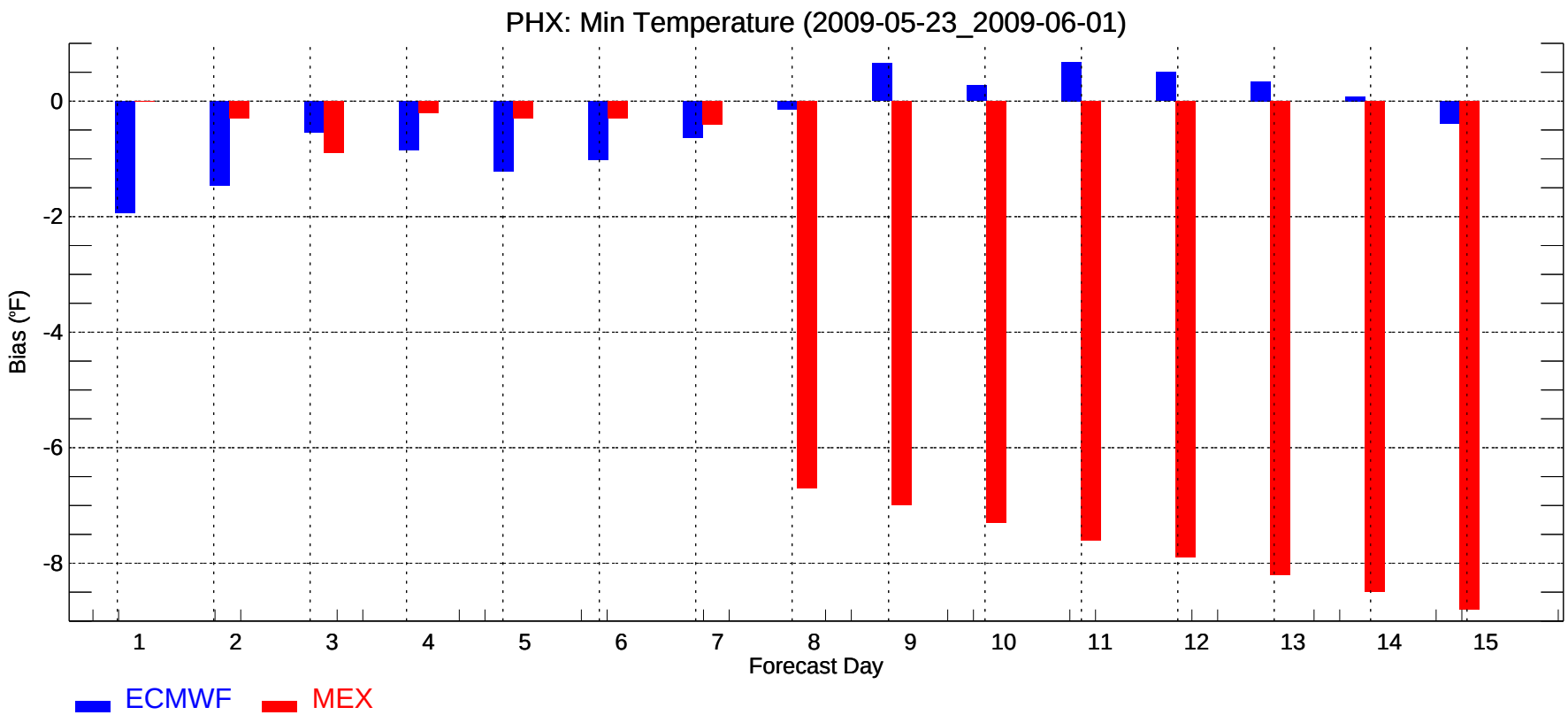
Forecast Day
ECMWF
MEX


PHX: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
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13
14
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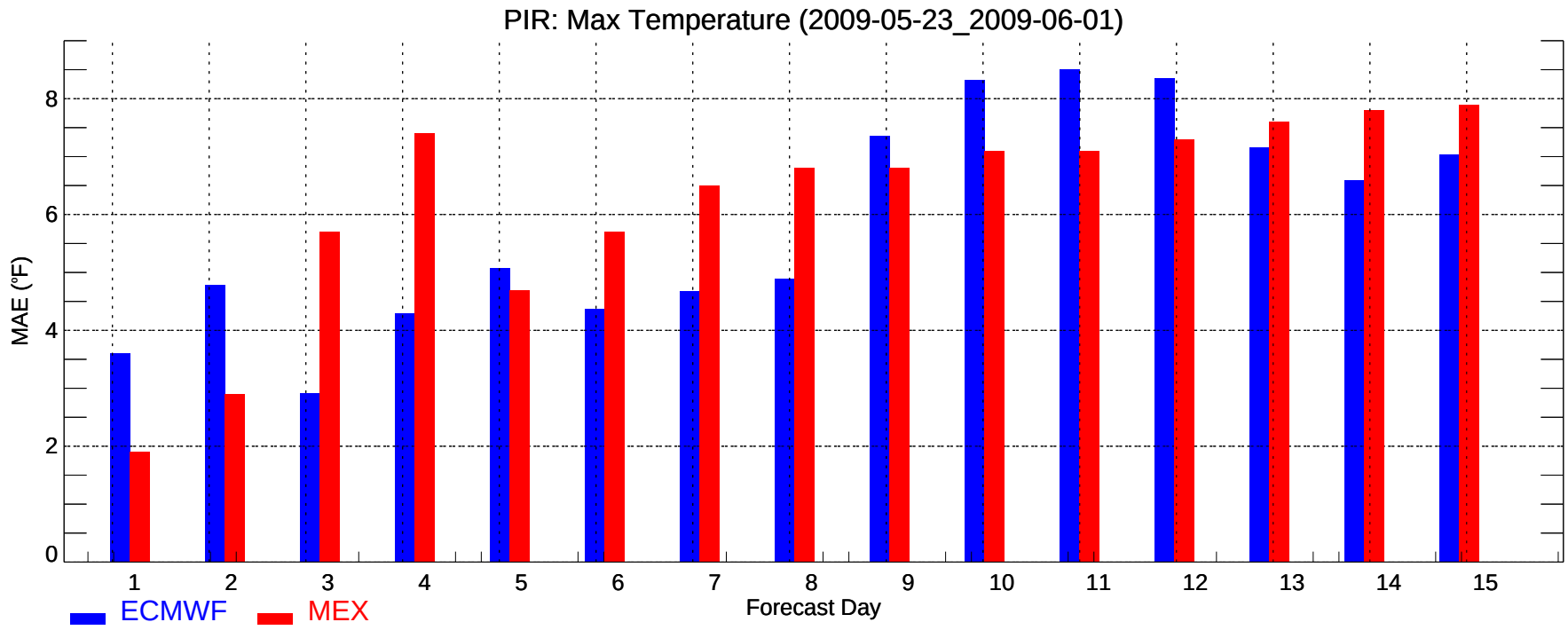
Forecast Day
ECMWF
MEX


PIR: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
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6
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8
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10
11
12
13
14
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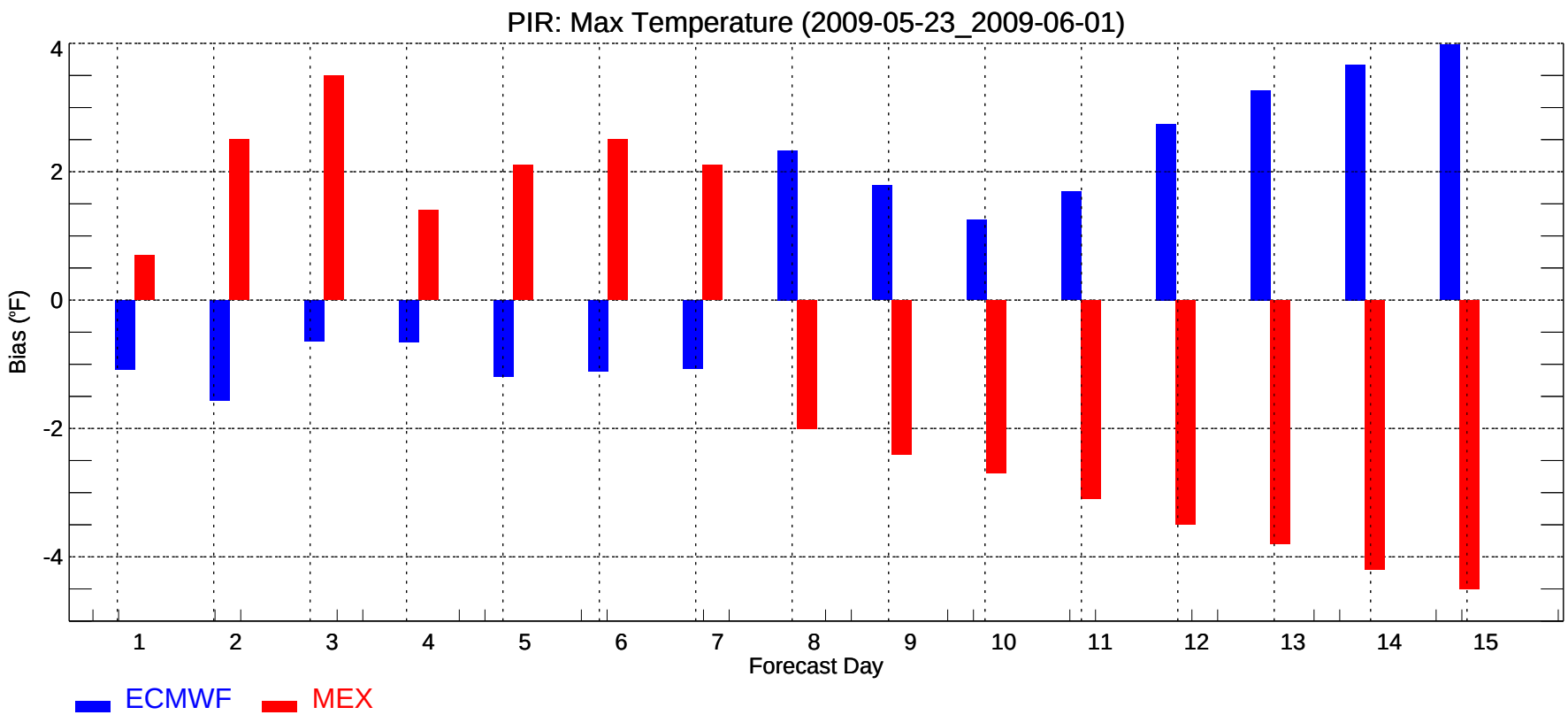
Forecast Day
ECMWF
MEX


PIR: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
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11
12
13
14
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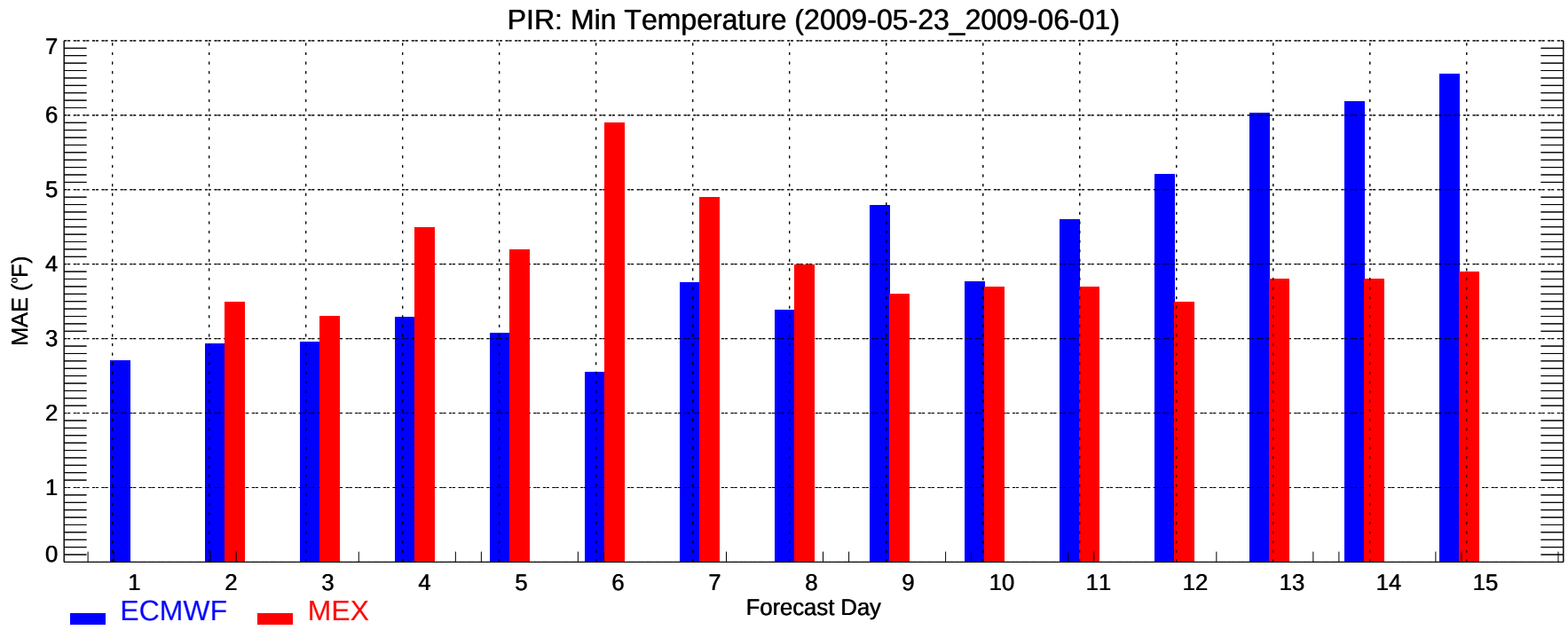
Forecast Day
ECMWF
MEX


PIR: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
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2
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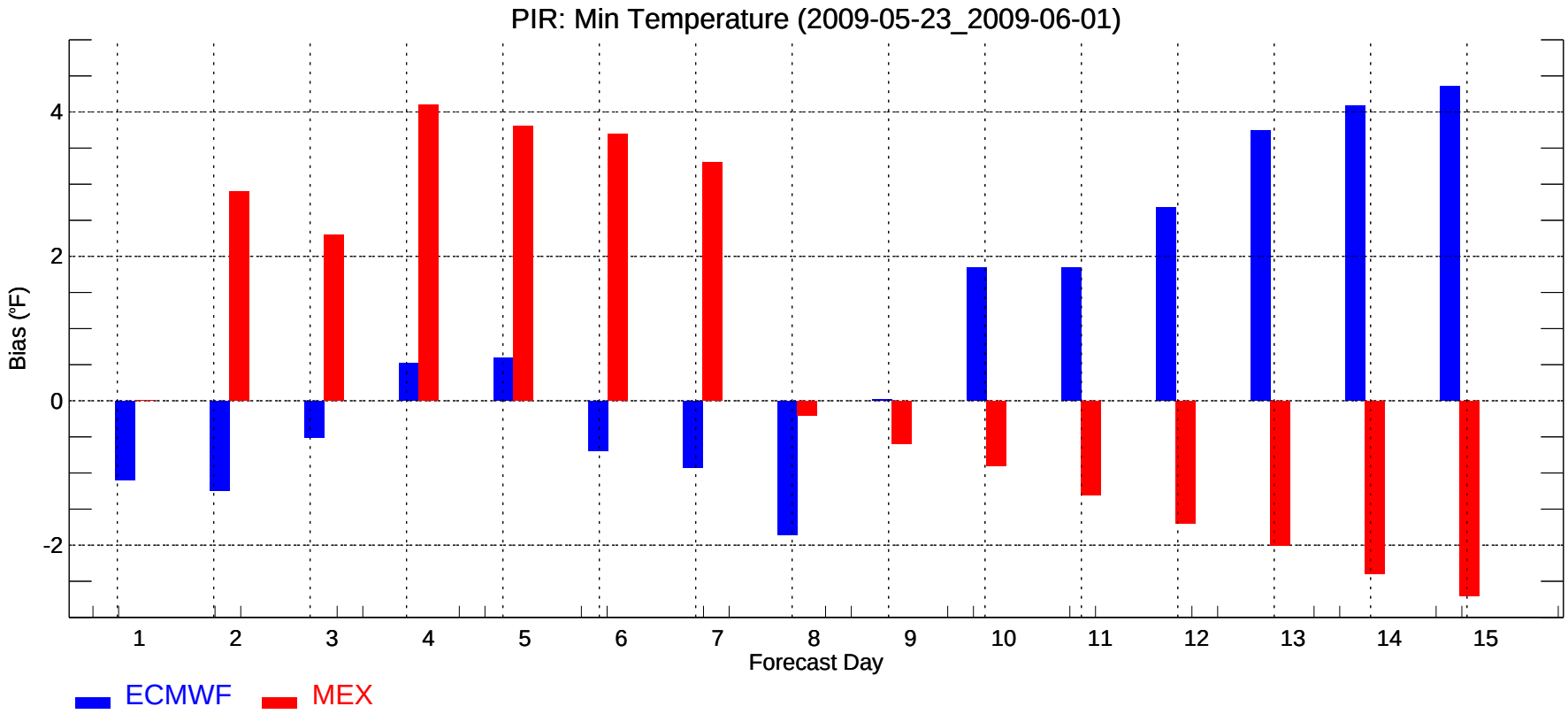
Forecast Day
ECMWF
MEX


PIR: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
1
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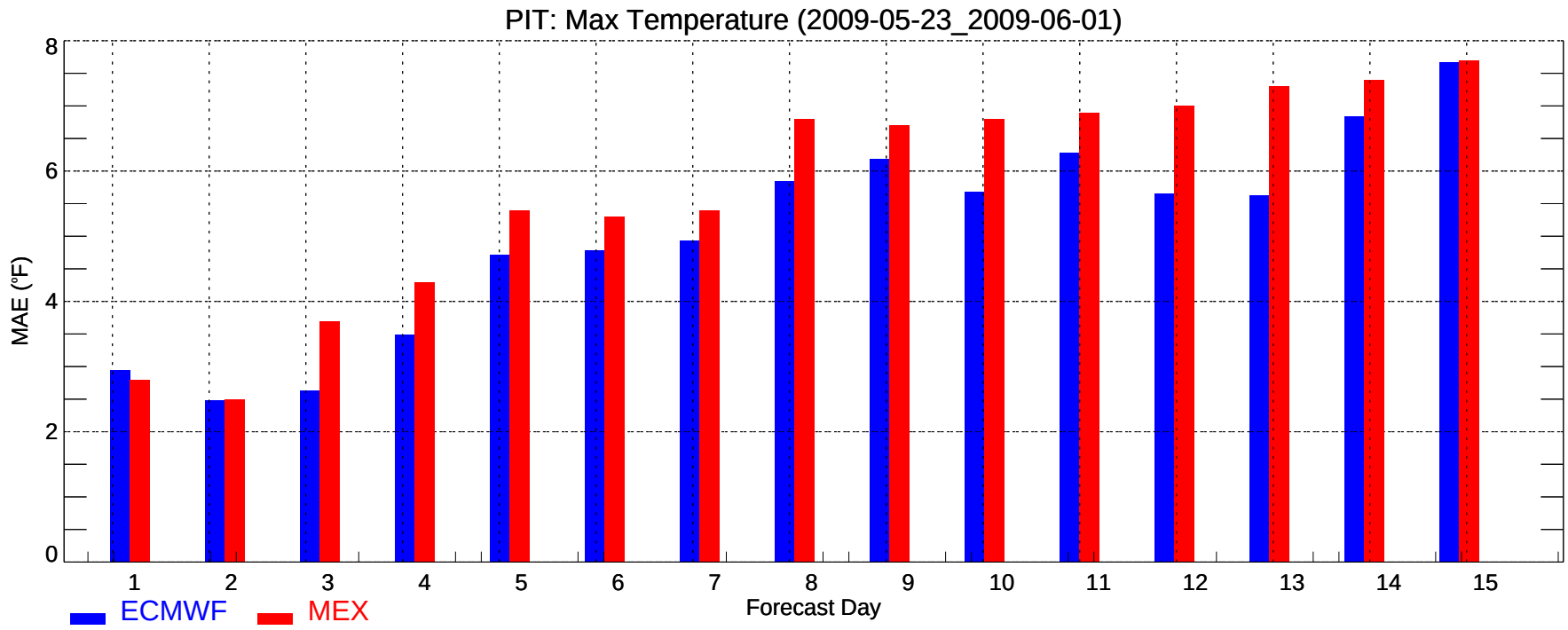
13
14
15
Forecast Day
ECMWF
MEX


PIT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
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8
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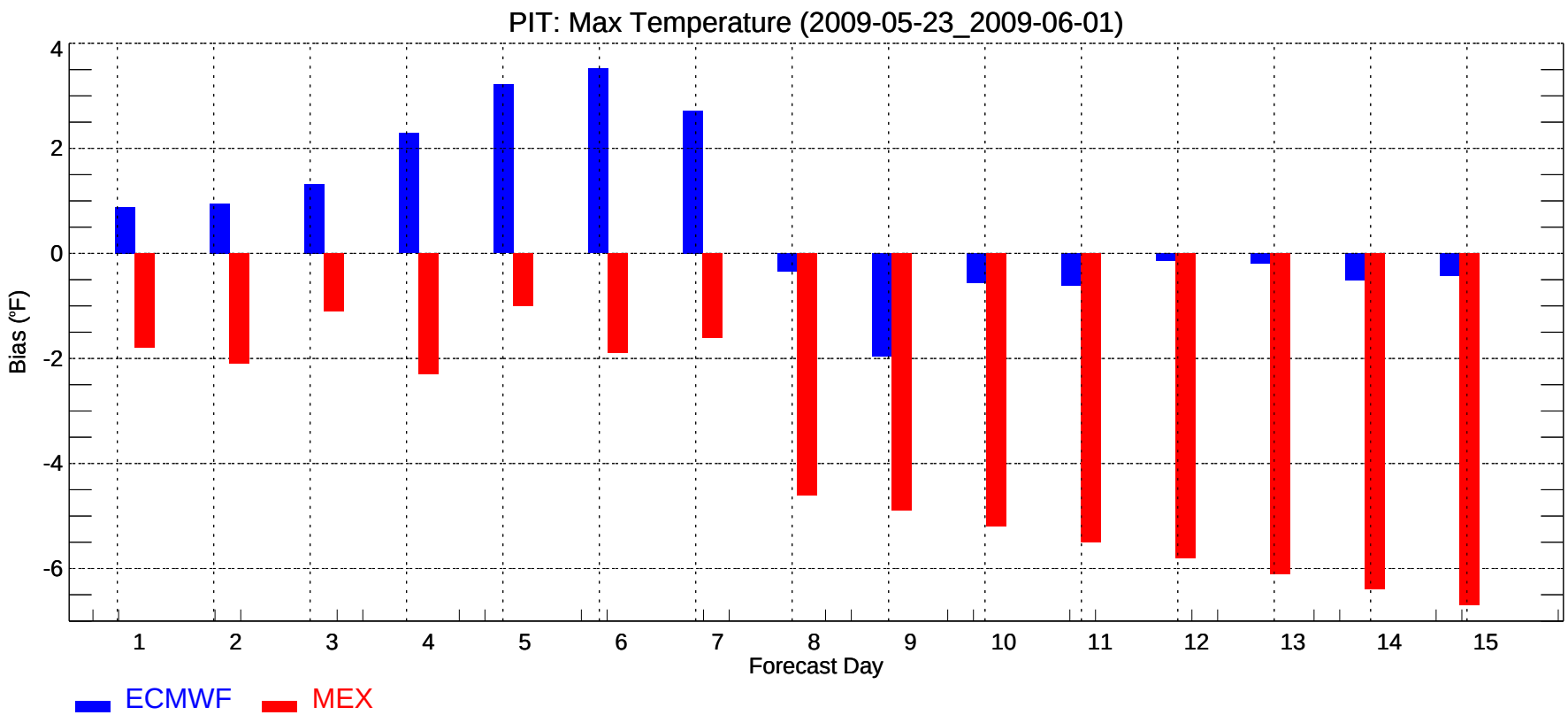
Forecast Day
ECMWF
MEX


PIT: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
-6
1
2
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14
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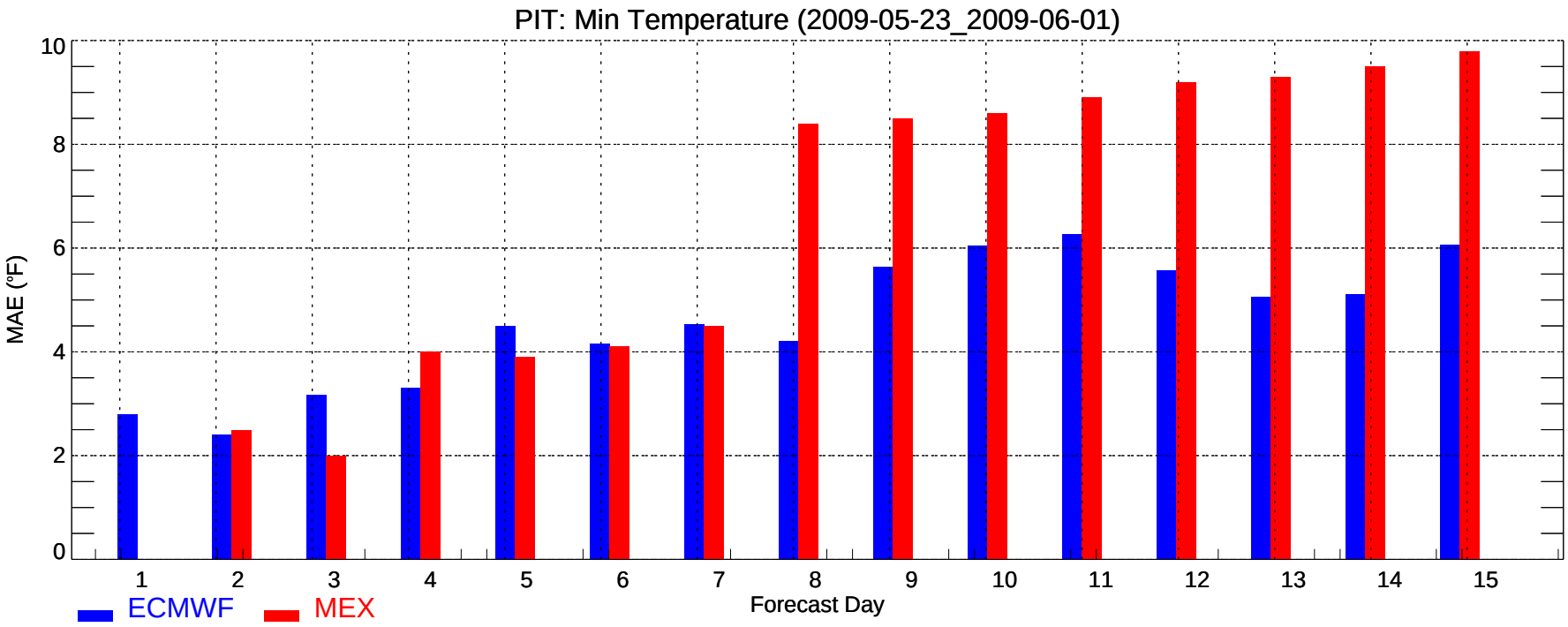
Forecast Day
ECMWF
MEX


PIT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
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5
6
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8
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11
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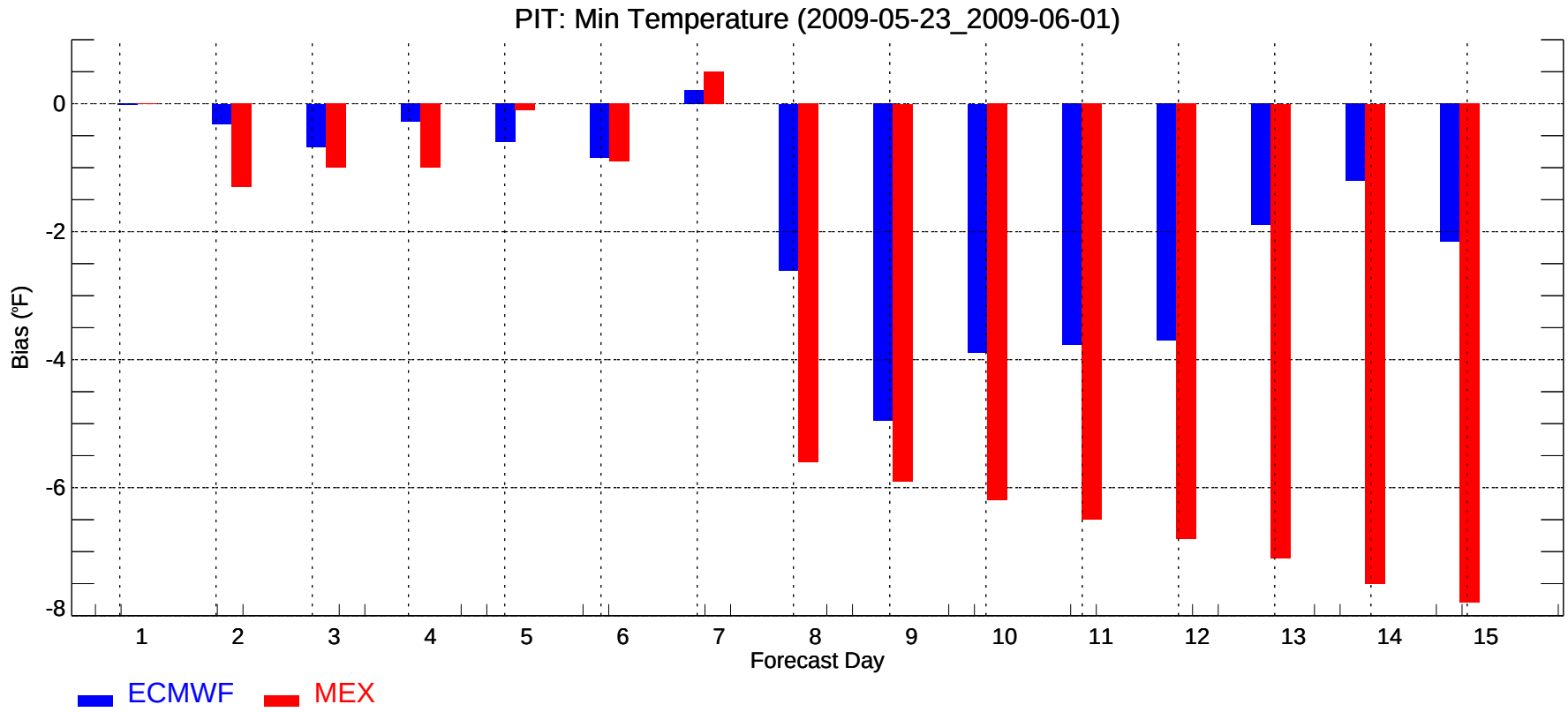
14
15
Forecast Day
ECMWF
MEX


PIT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
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4
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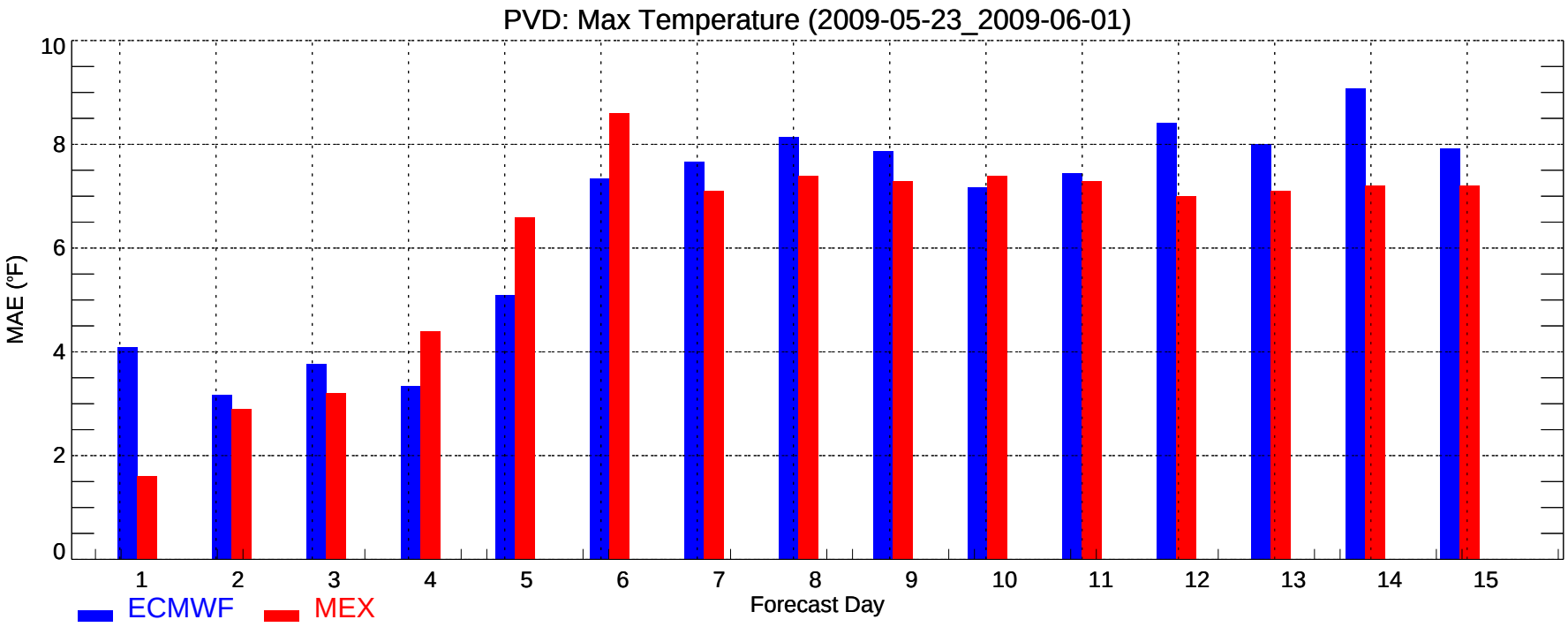
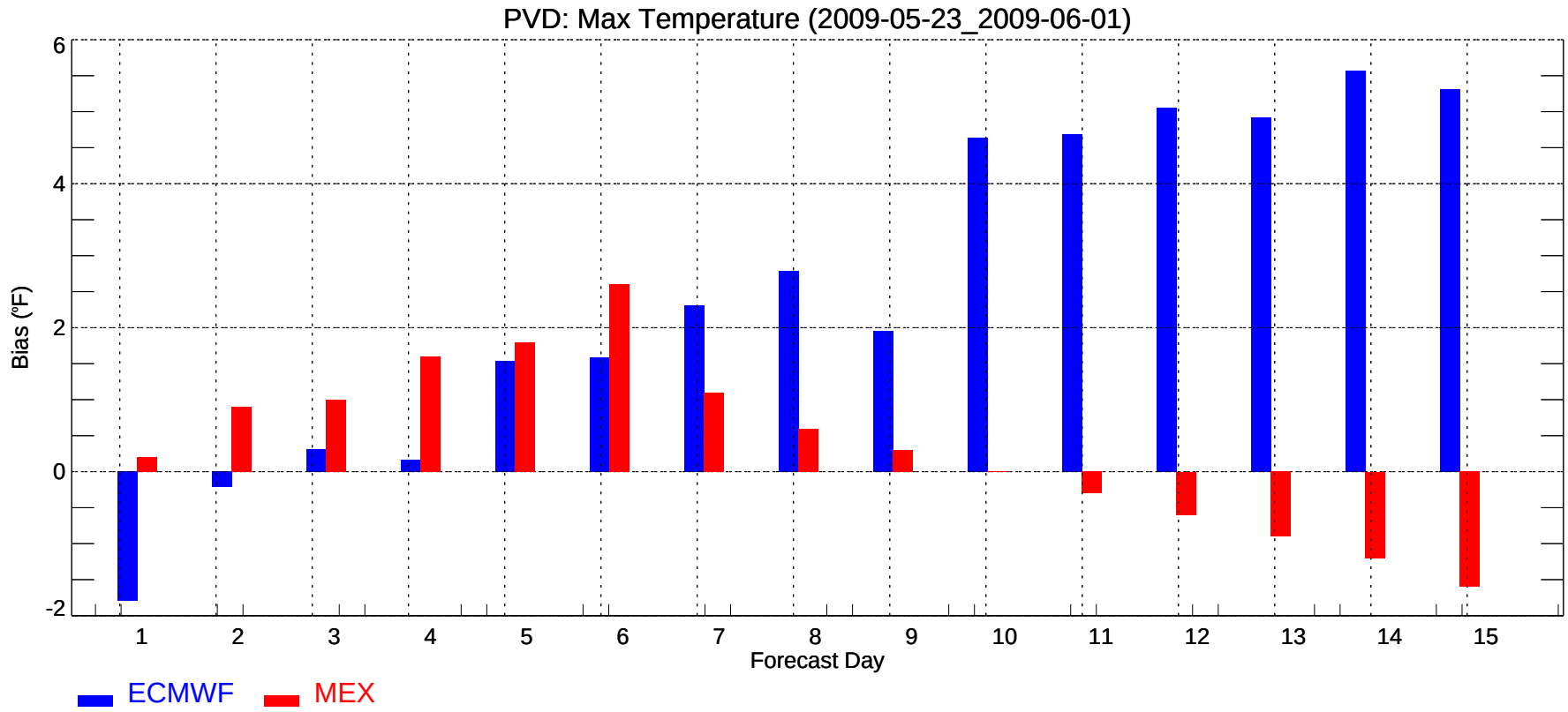
14
15
Forecast Day
ECMWF
MEX


PVD: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PVD: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
1
2
3
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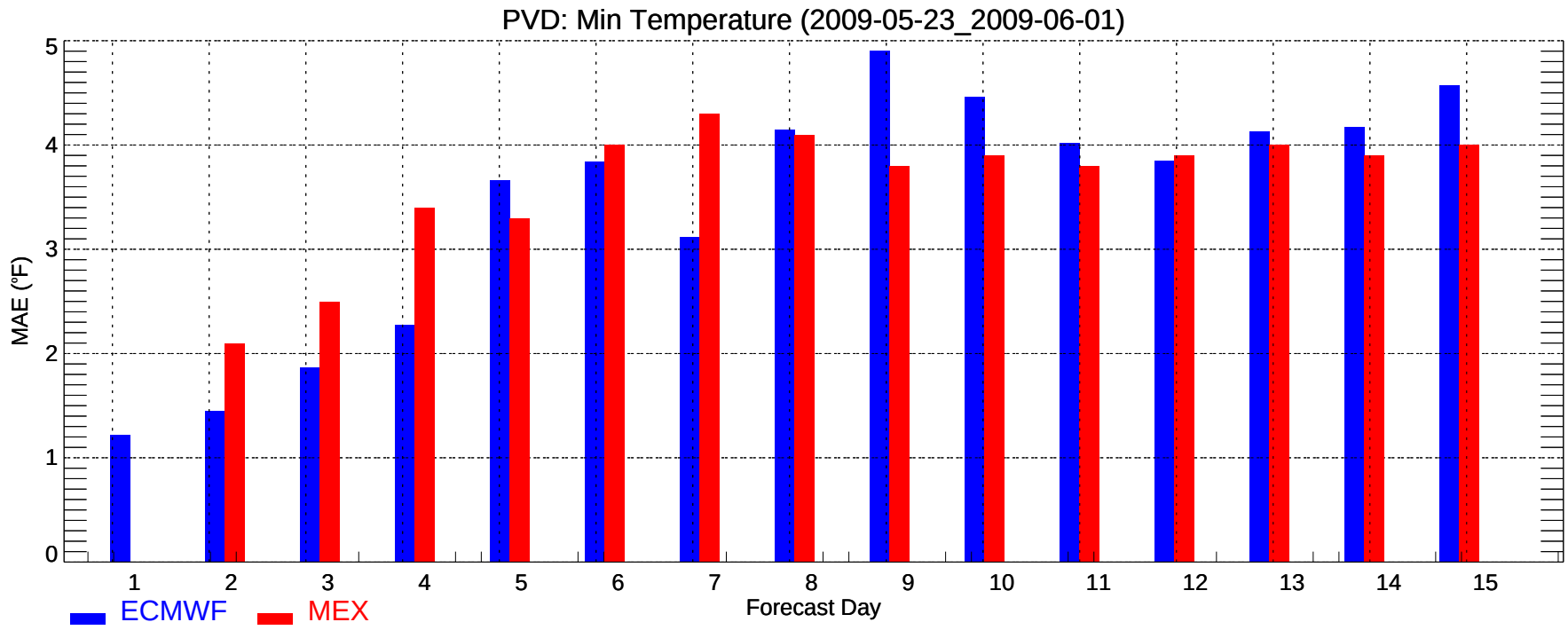
15
Forecast Day
ECMWF
MEX


PVD: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
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5
1
2
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4
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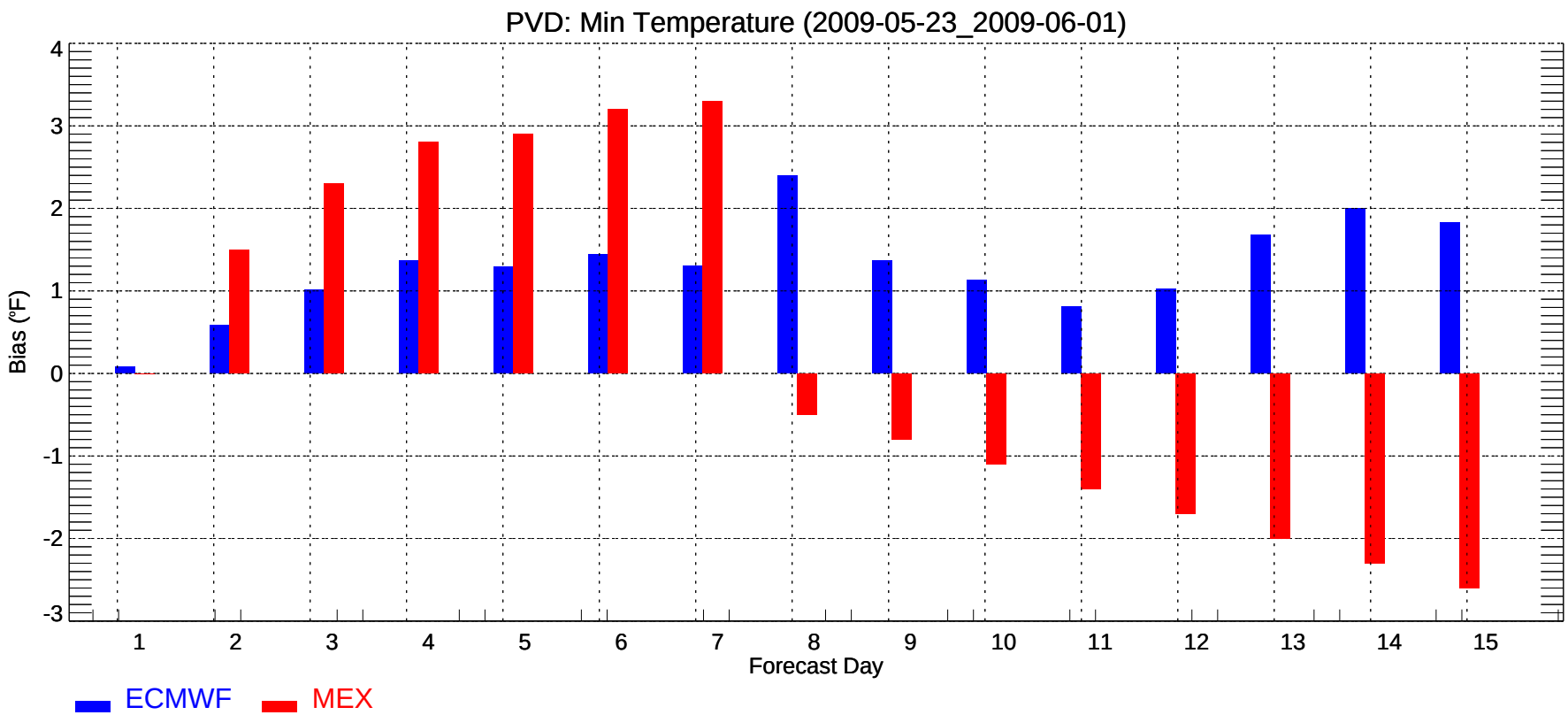
15
Forecast Day
ECMWF
MEX


PVD: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
3
2
1
0
-1
-2
-3
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2
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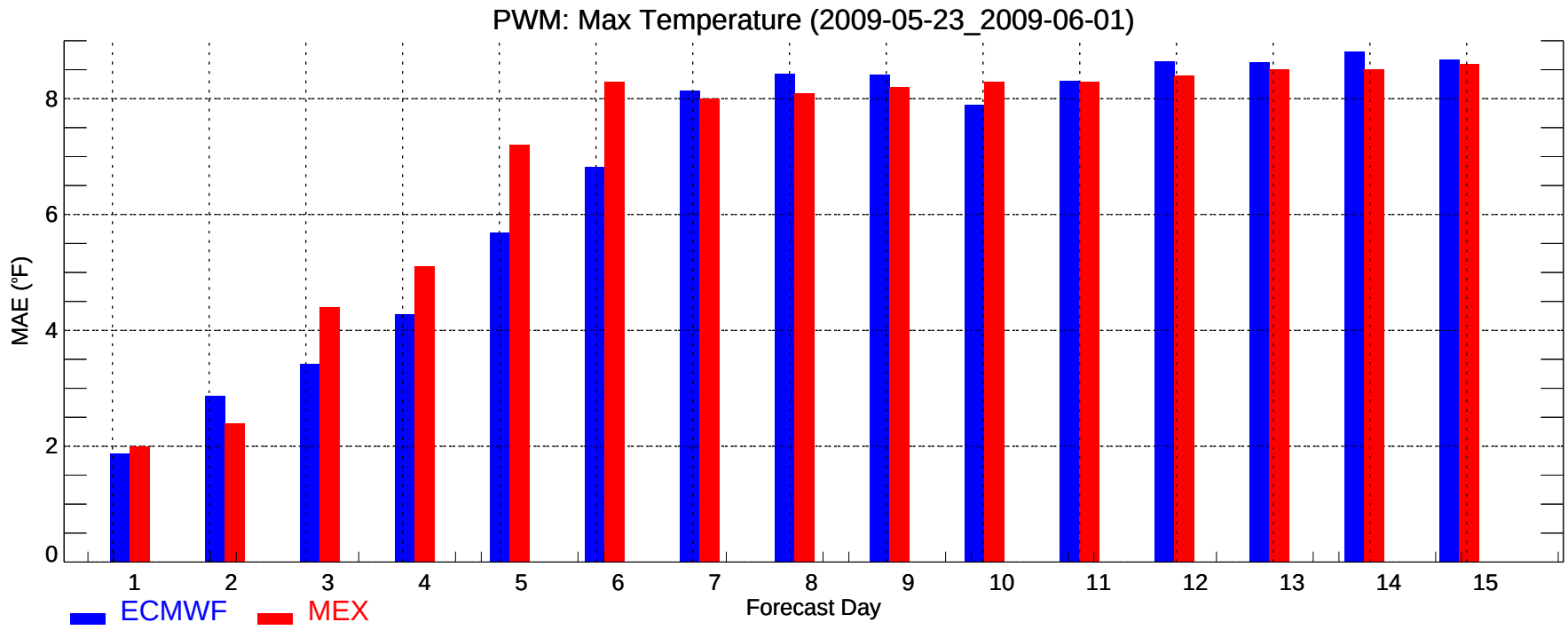
Forecast Day
ECMWF
MEX


PWM: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
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8
1
2
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4
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6
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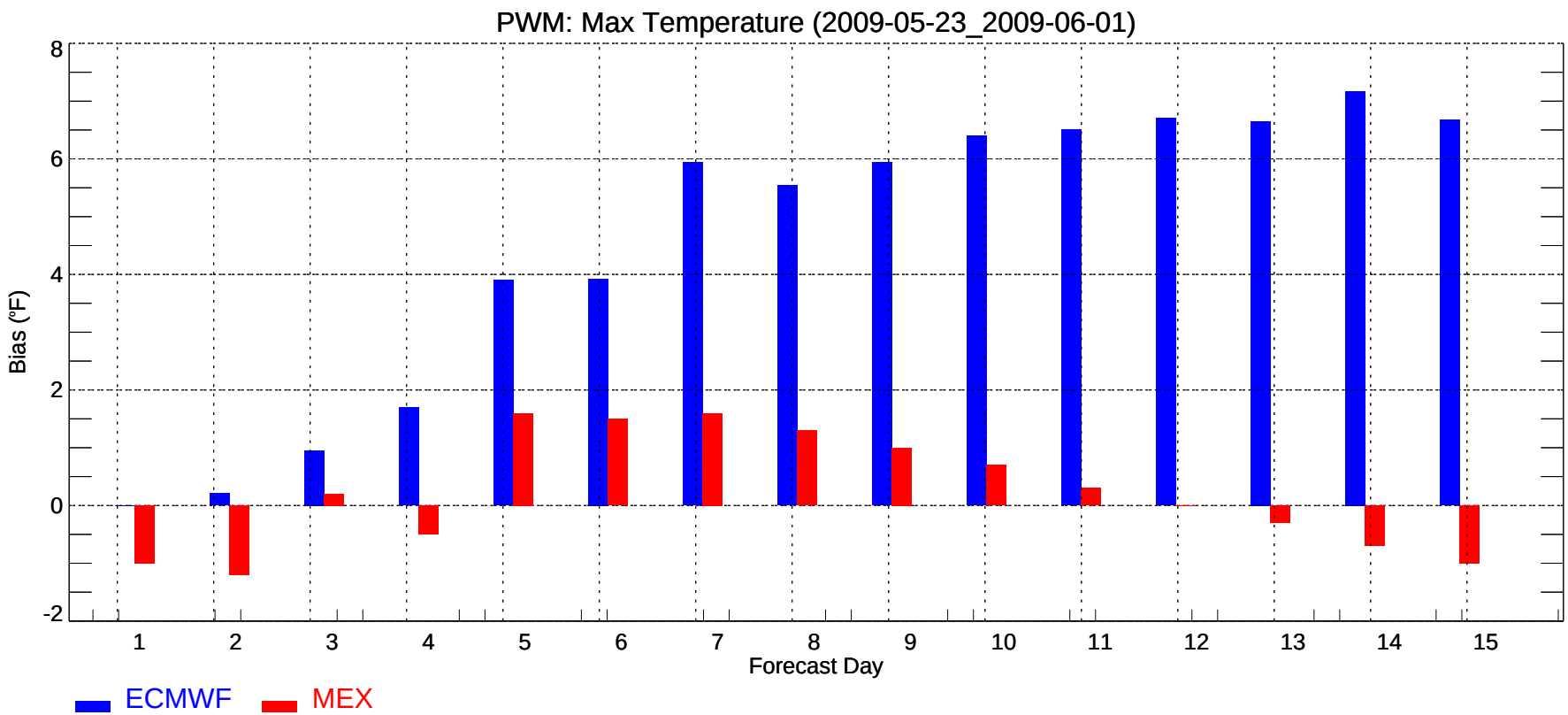
12
13
14
15
Forecast Day
ECMWF
MEX


PWM: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
8
1
2
3
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6
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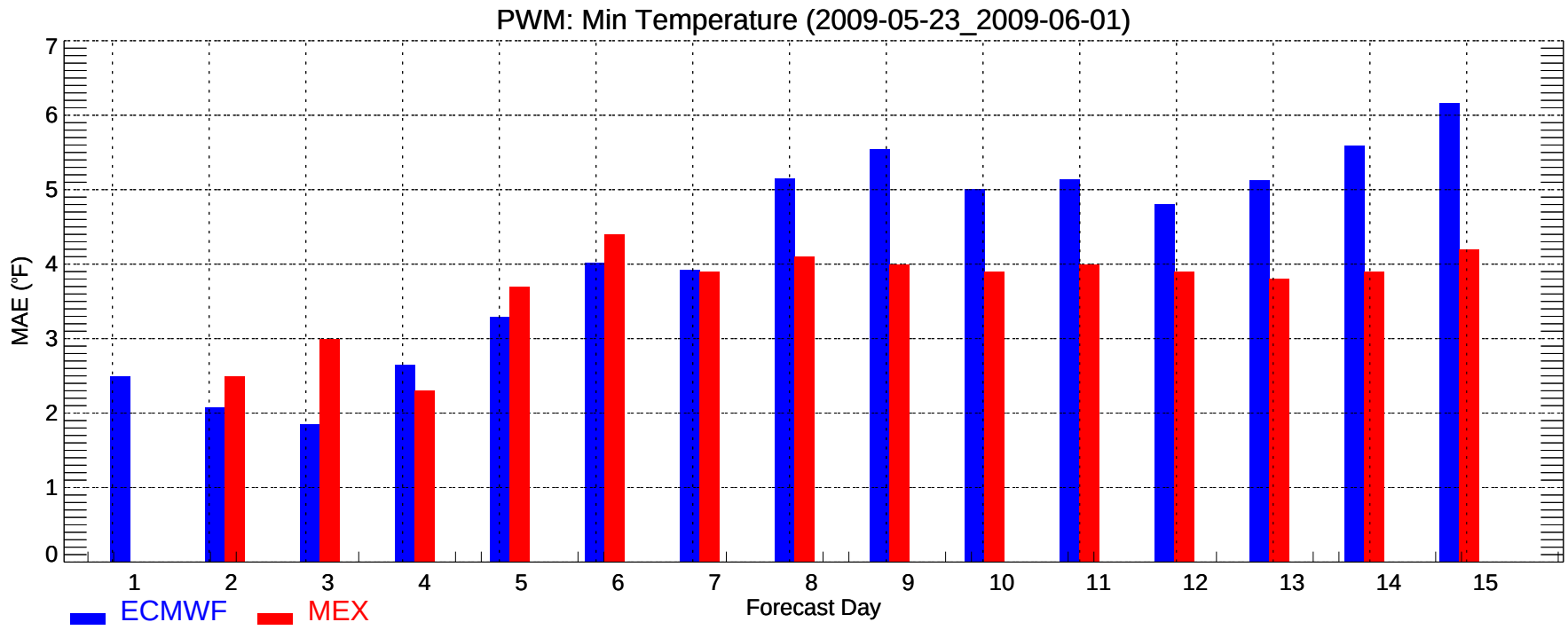
Forecast Day
ECMWF
MEX


PWM: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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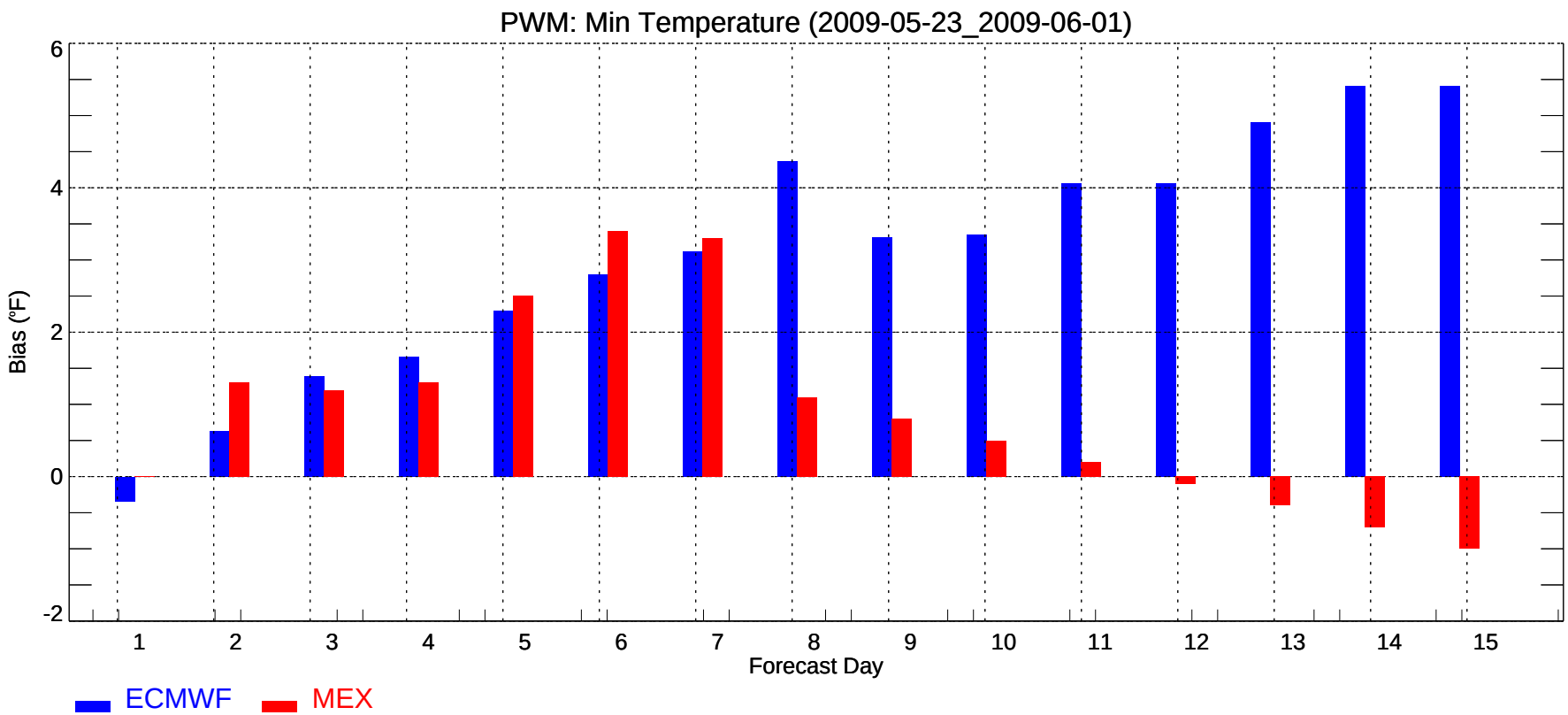
Forecast Day
ECMWF
MEX


PWM: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
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4
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1
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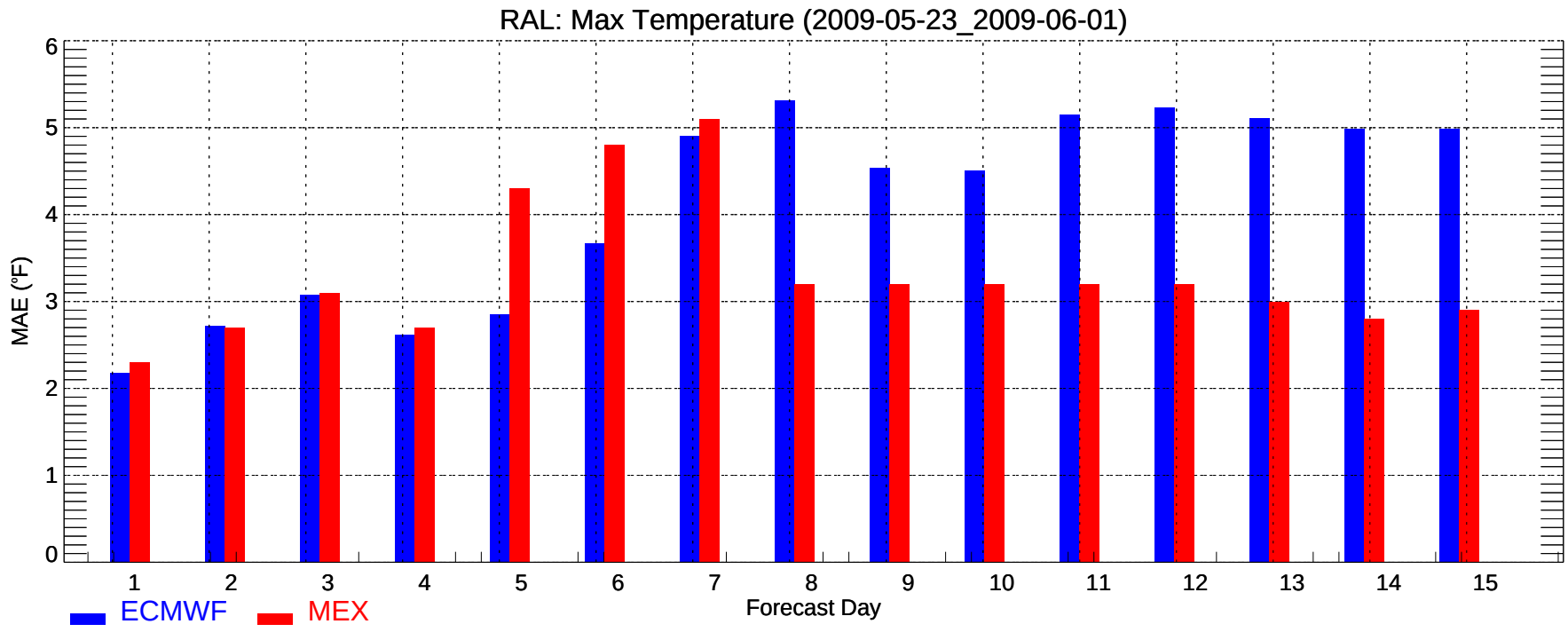
Forecast Day
ECMWF
MEX


RAL: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
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2
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6
7
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13
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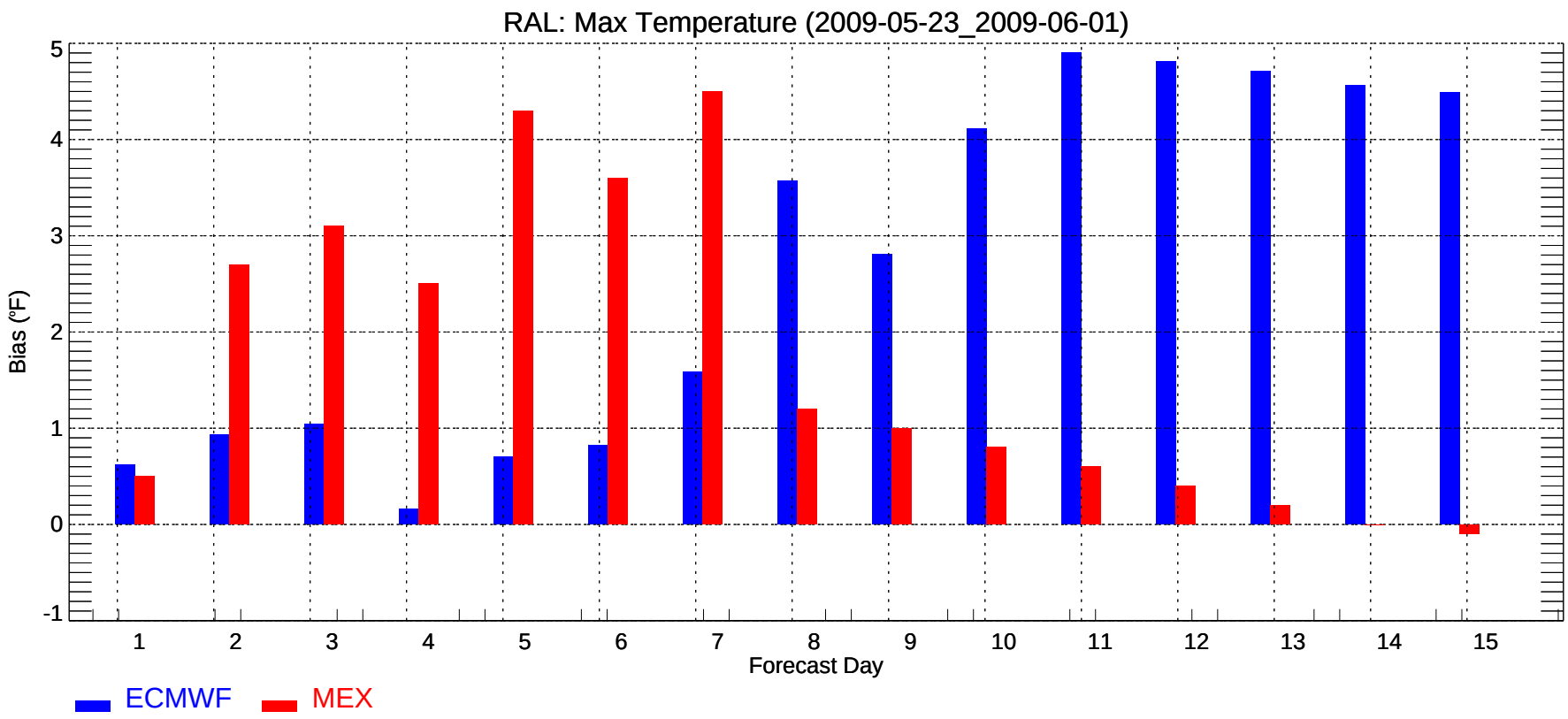
15
Forecast Day
ECMWF
MEX


RAL: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-1
0
1
2
3
4
5
1
2
3
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5
6
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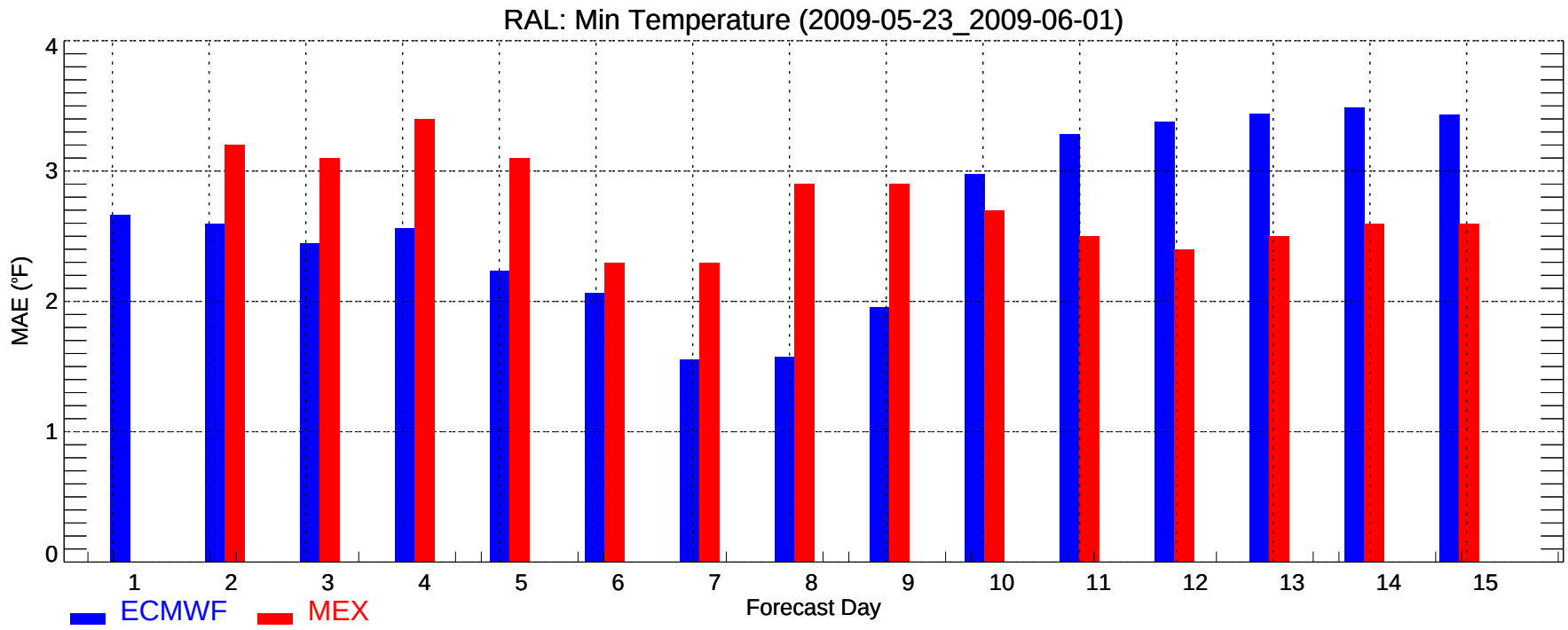
14
15
Forecast Day
ECMWF
MEX


RAL: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
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2
3
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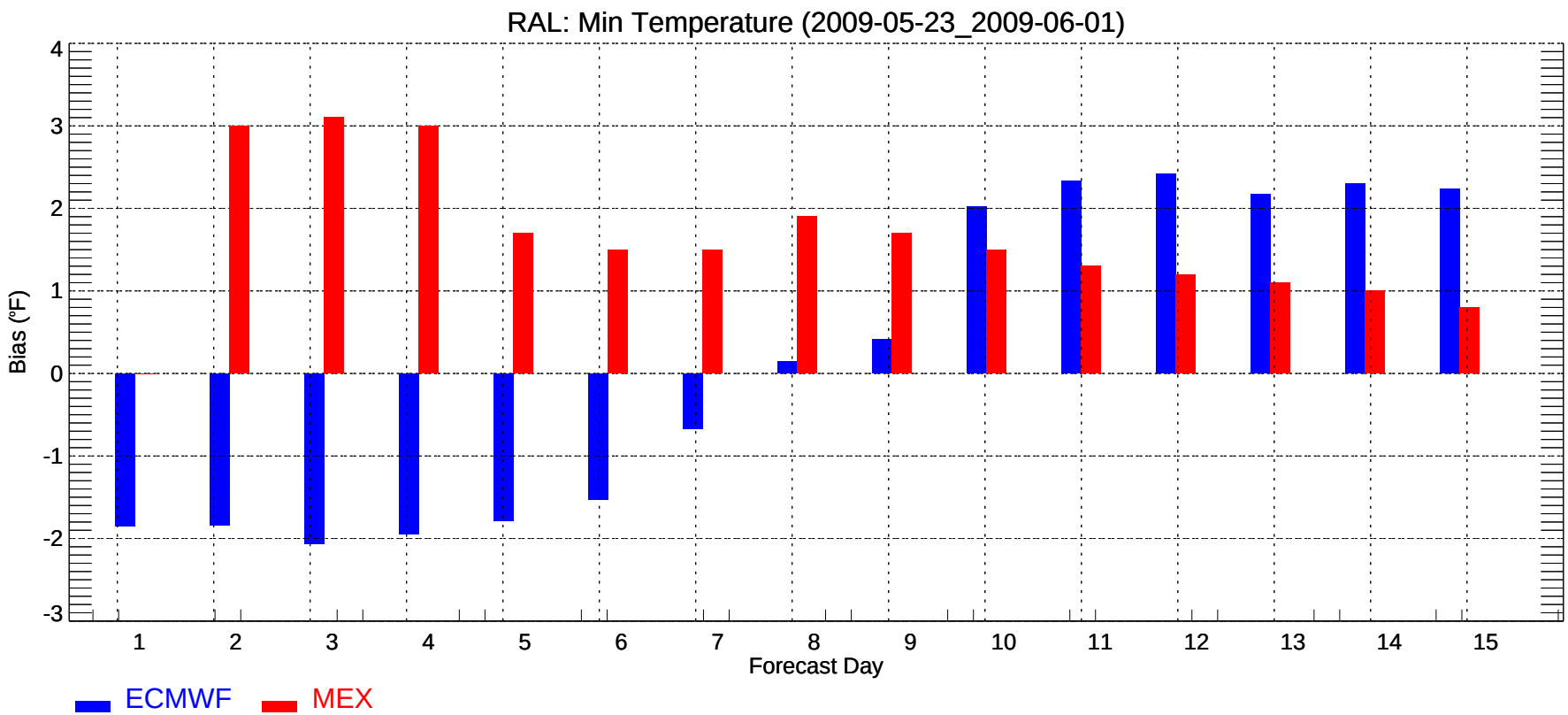
Forecast Day
ECMWF
MEX


RAL: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
3
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14
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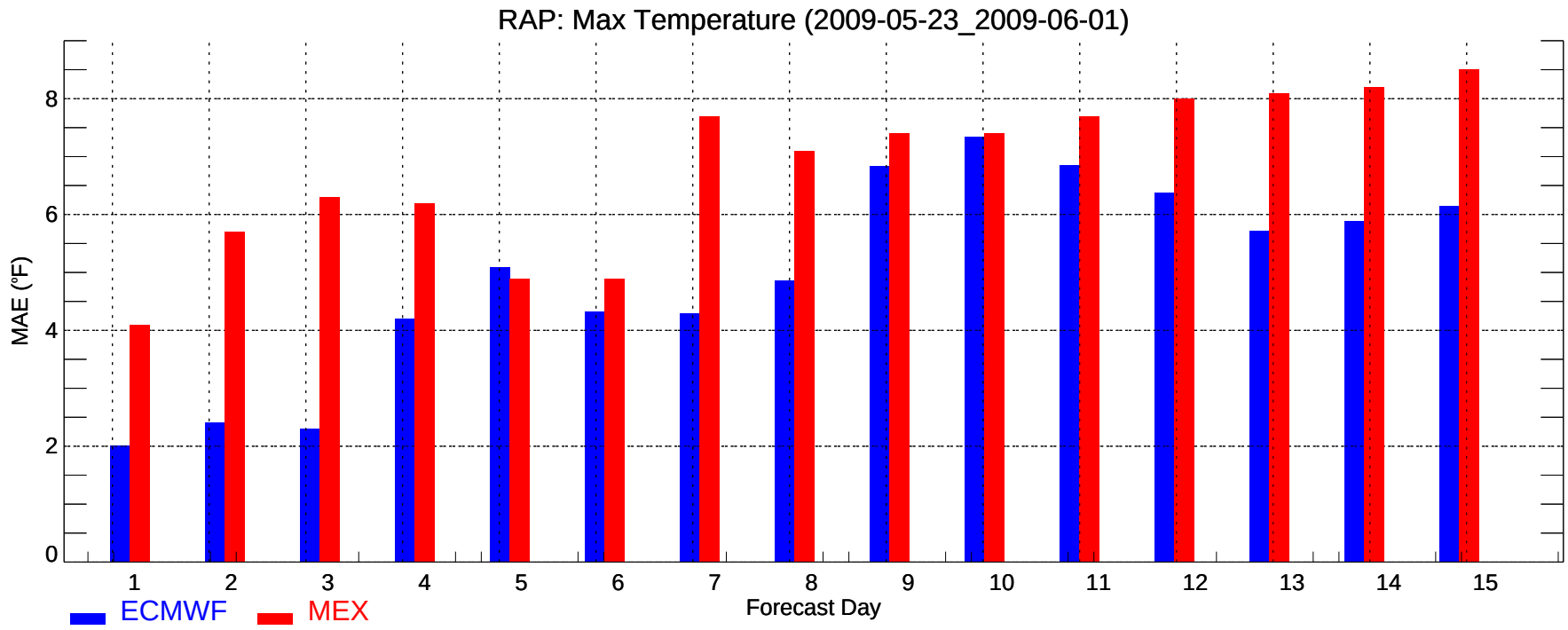
Forecast Day
ECMWF
MEX


RAP: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
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2
3
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6
7
8
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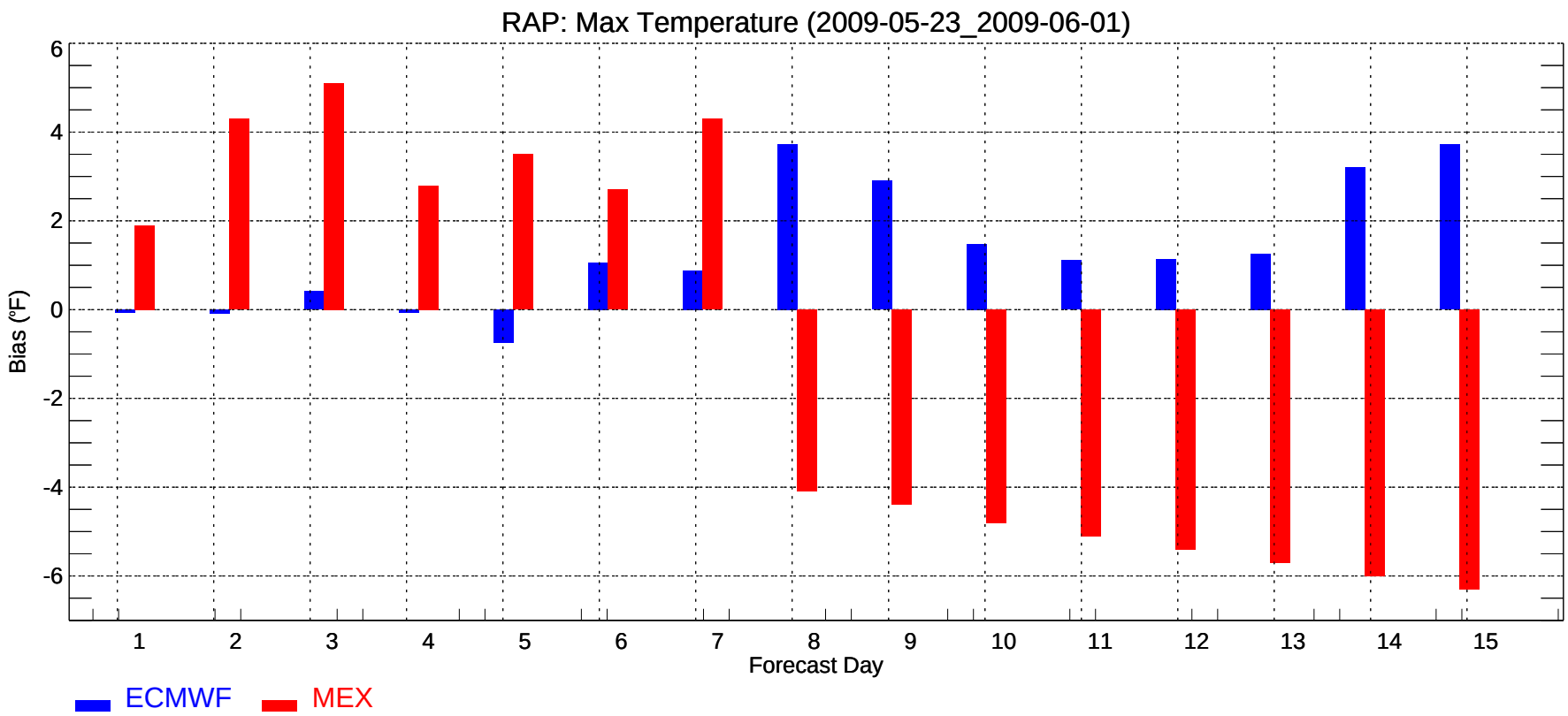
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RAP: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
6
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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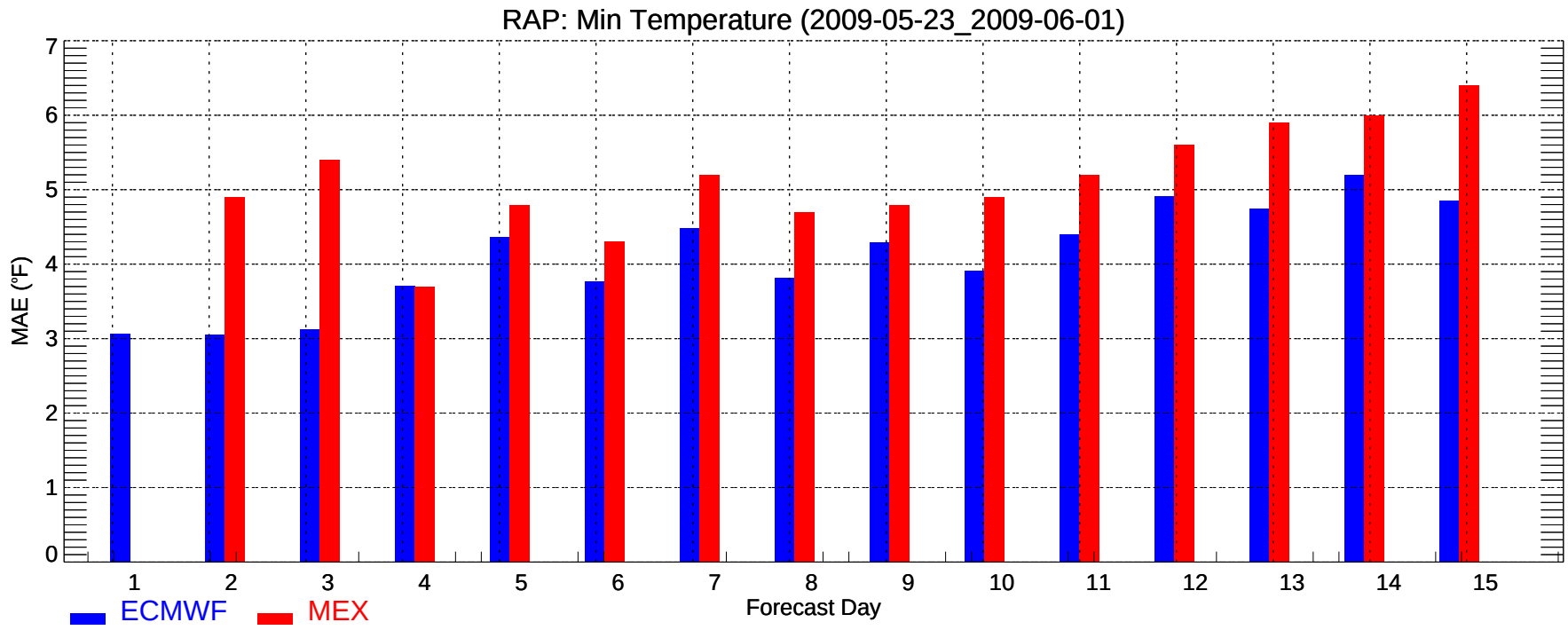
11
12
13
14
15
Forecast Day
ECMWF
MEX


RAP: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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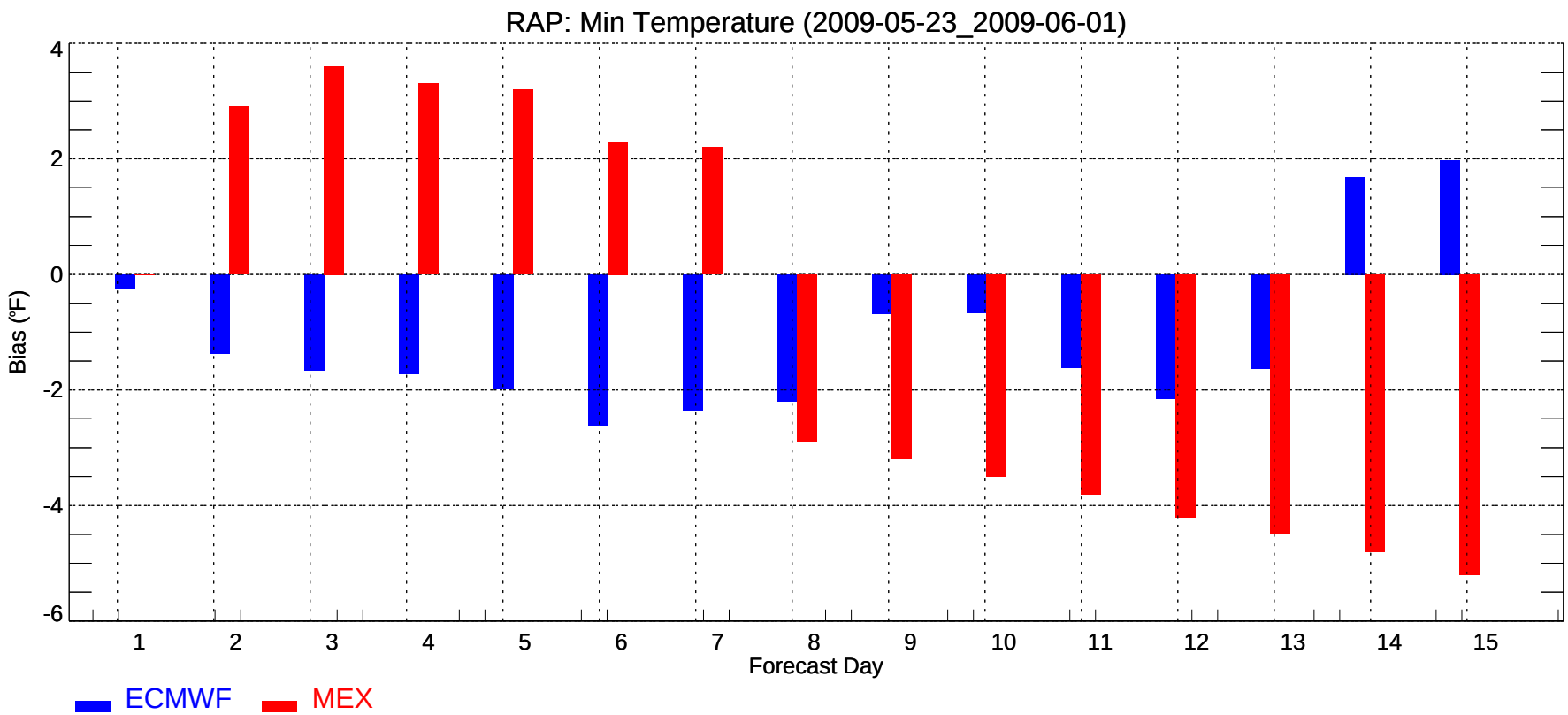
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RAP: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
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6
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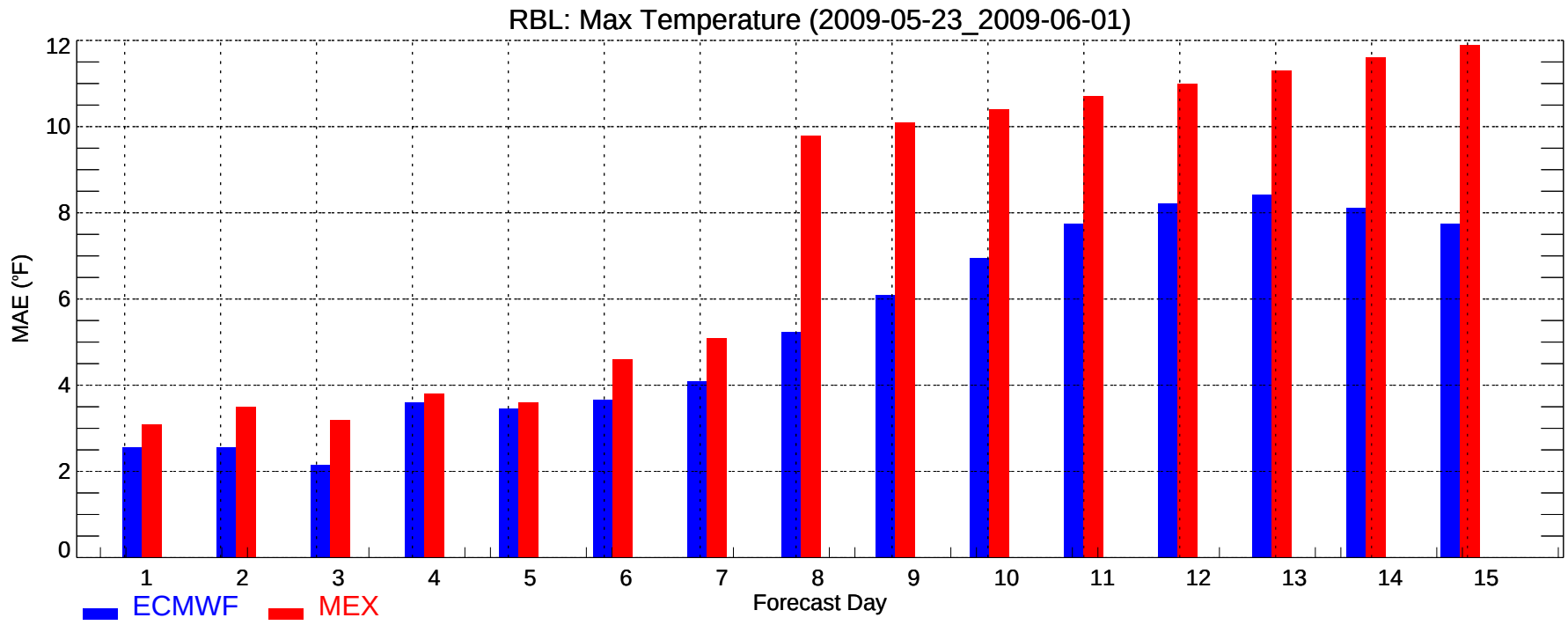
Forecast Day
ECMWF
MEX


RBL: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
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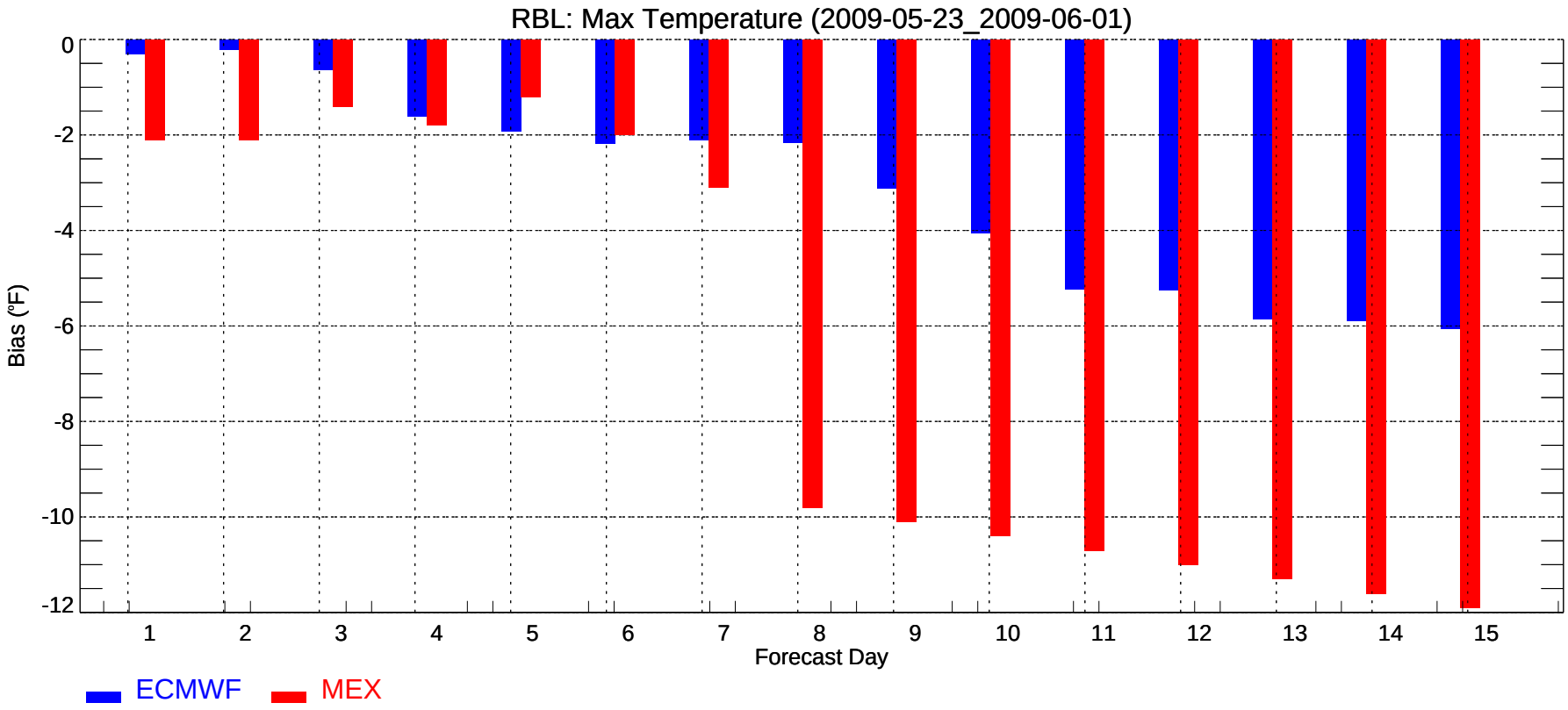
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RBL: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
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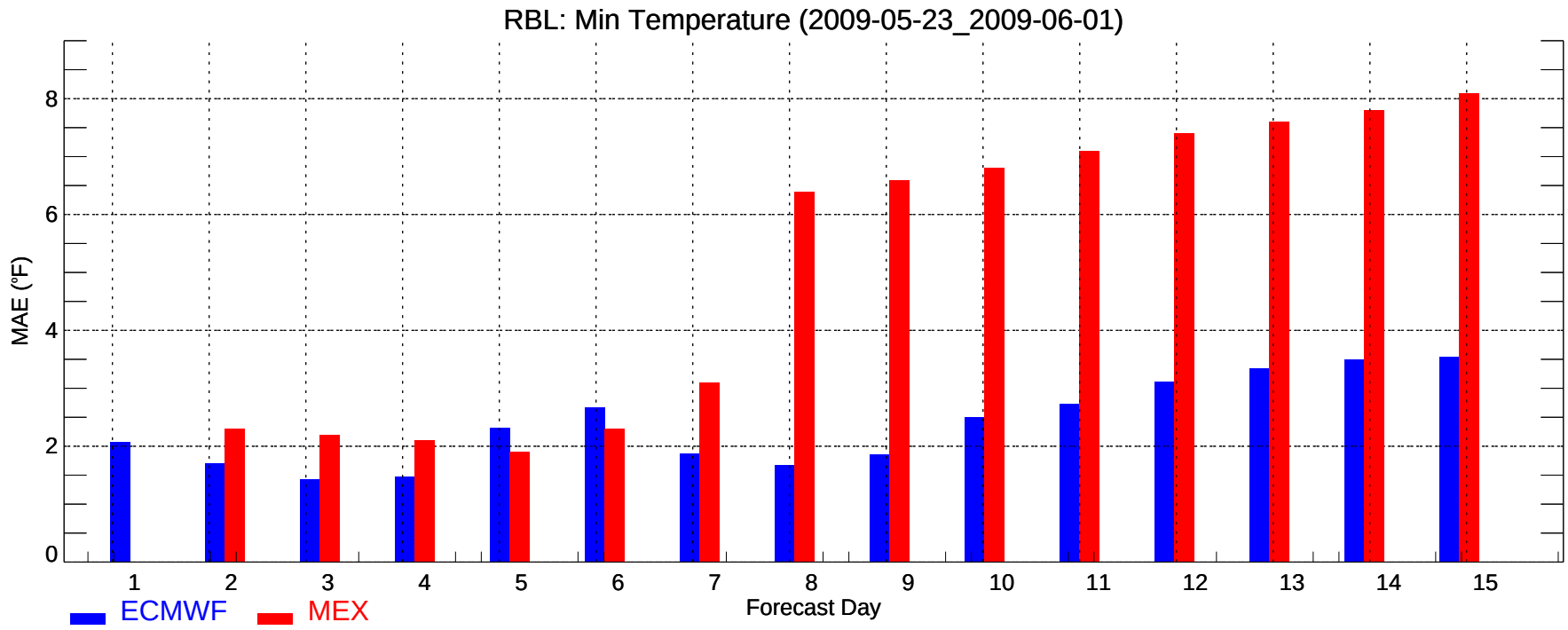
15
Forecast Day
ECMWF
MEX


RBL: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
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1
2
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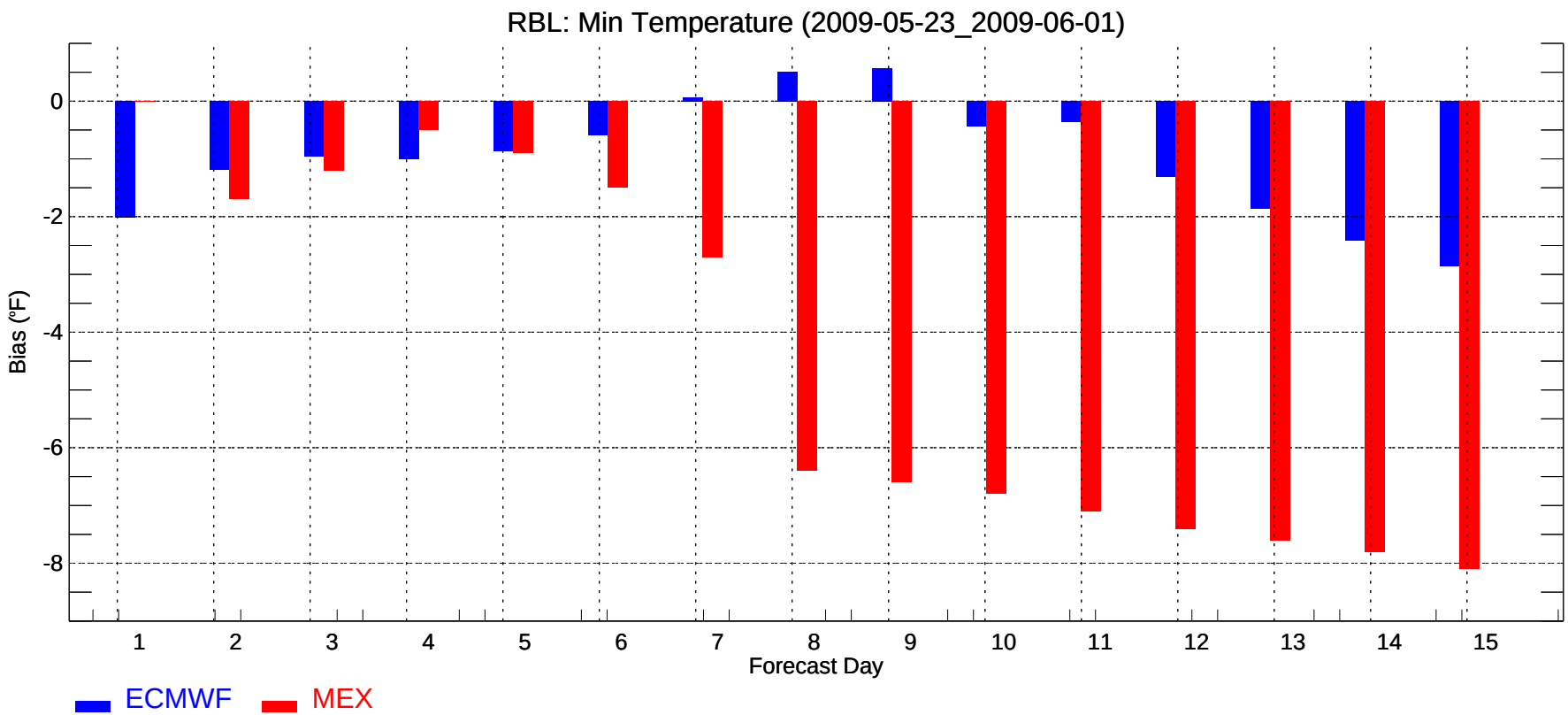
Forecast Day
ECMWF
MEX


RBL: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
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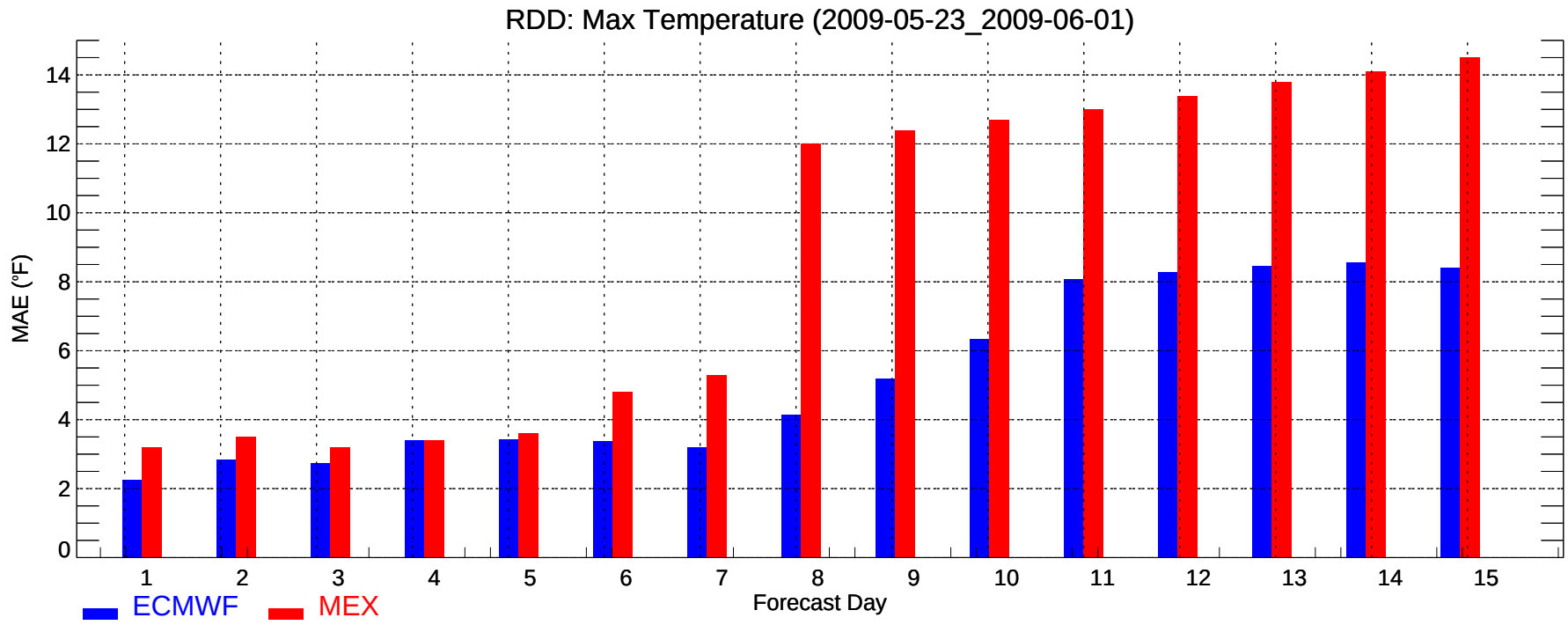
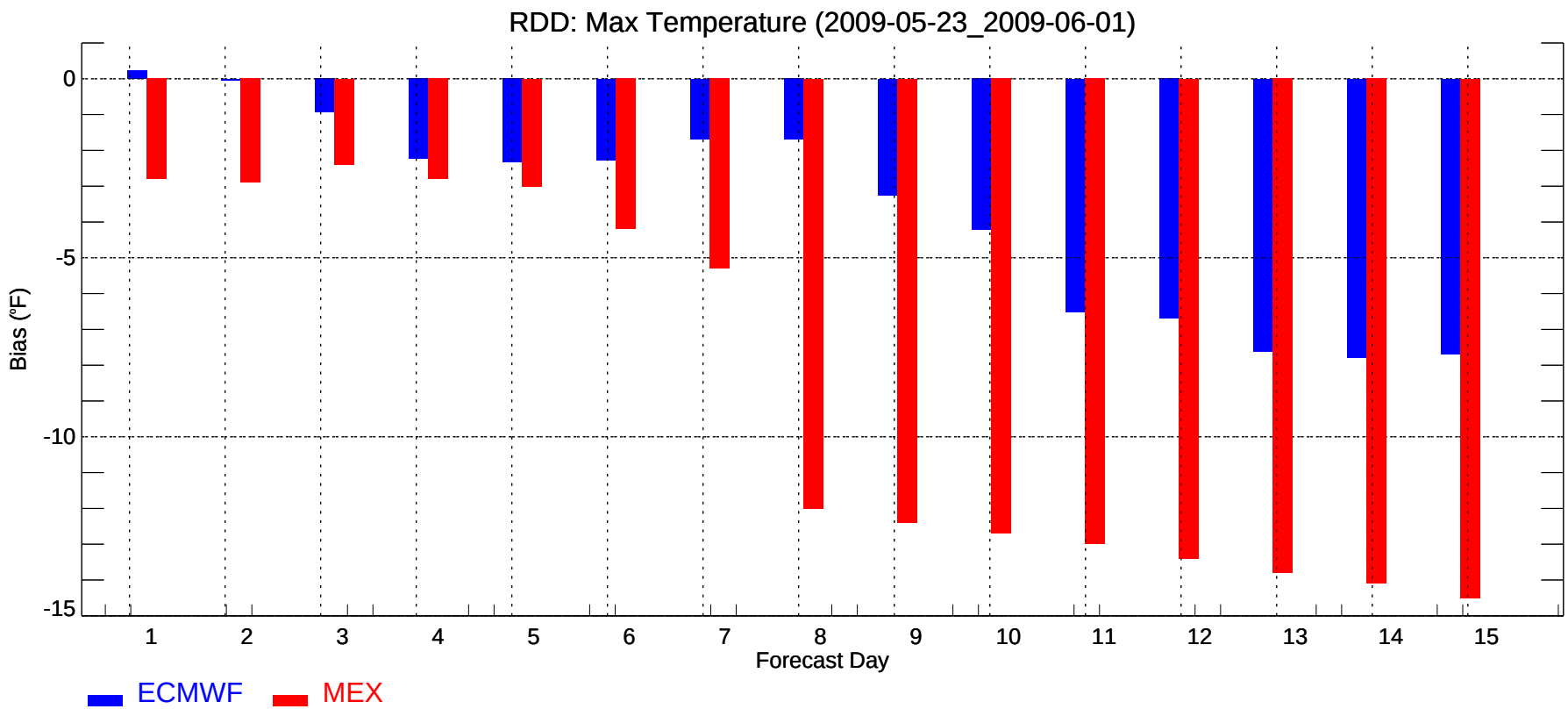
Forecast Day
ECMWF
MEX


RDD: Max Temperature (2009-05-23_2009-06-01)
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


RDD: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-5
-10
-15
1
2
3
4
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6
7
8
9
10
11
12
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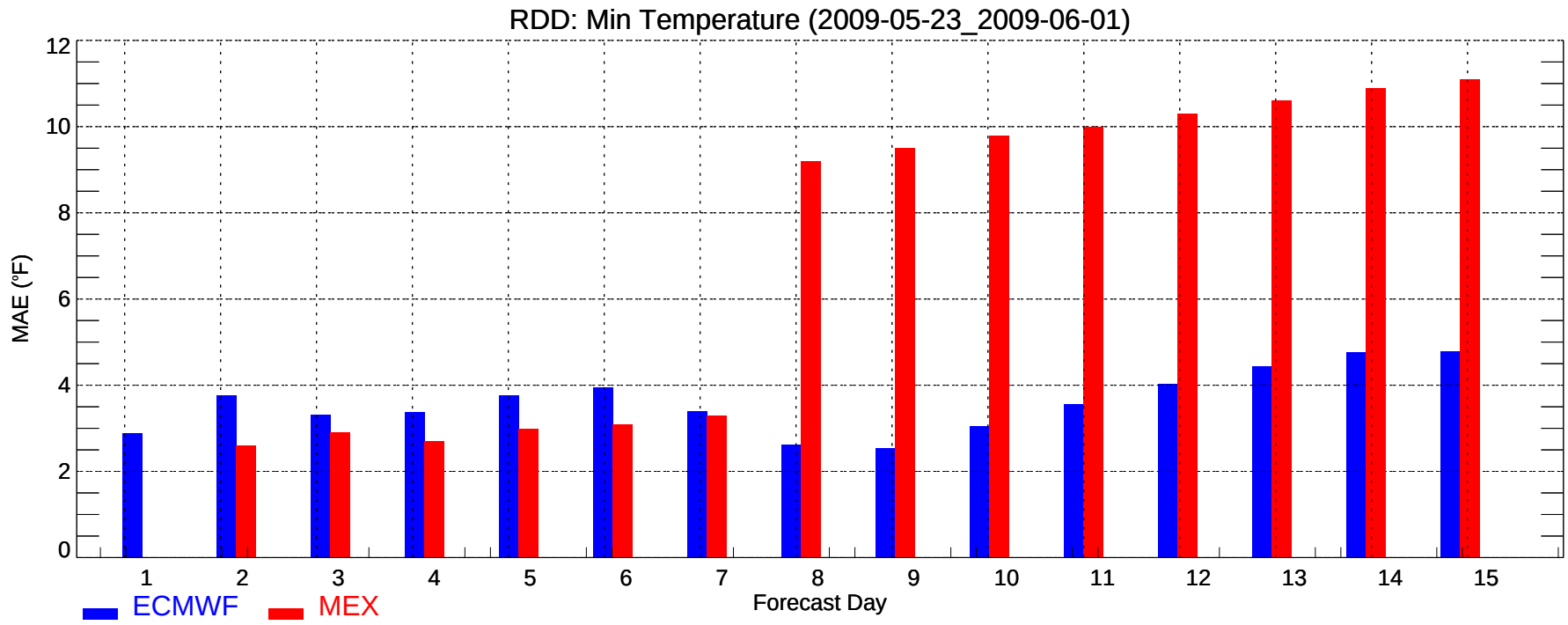
14
15
Forecast Day
ECMWF
MEX


RDD: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
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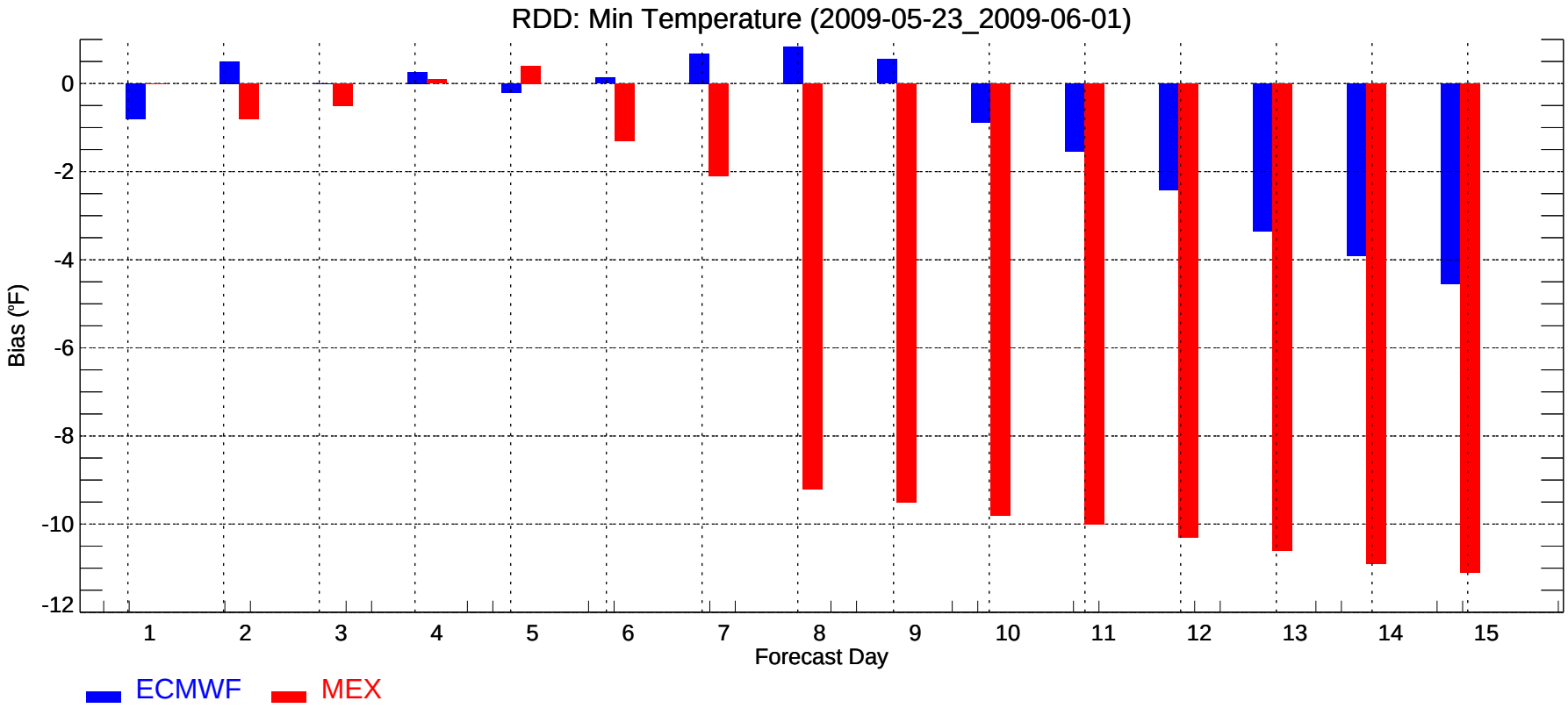
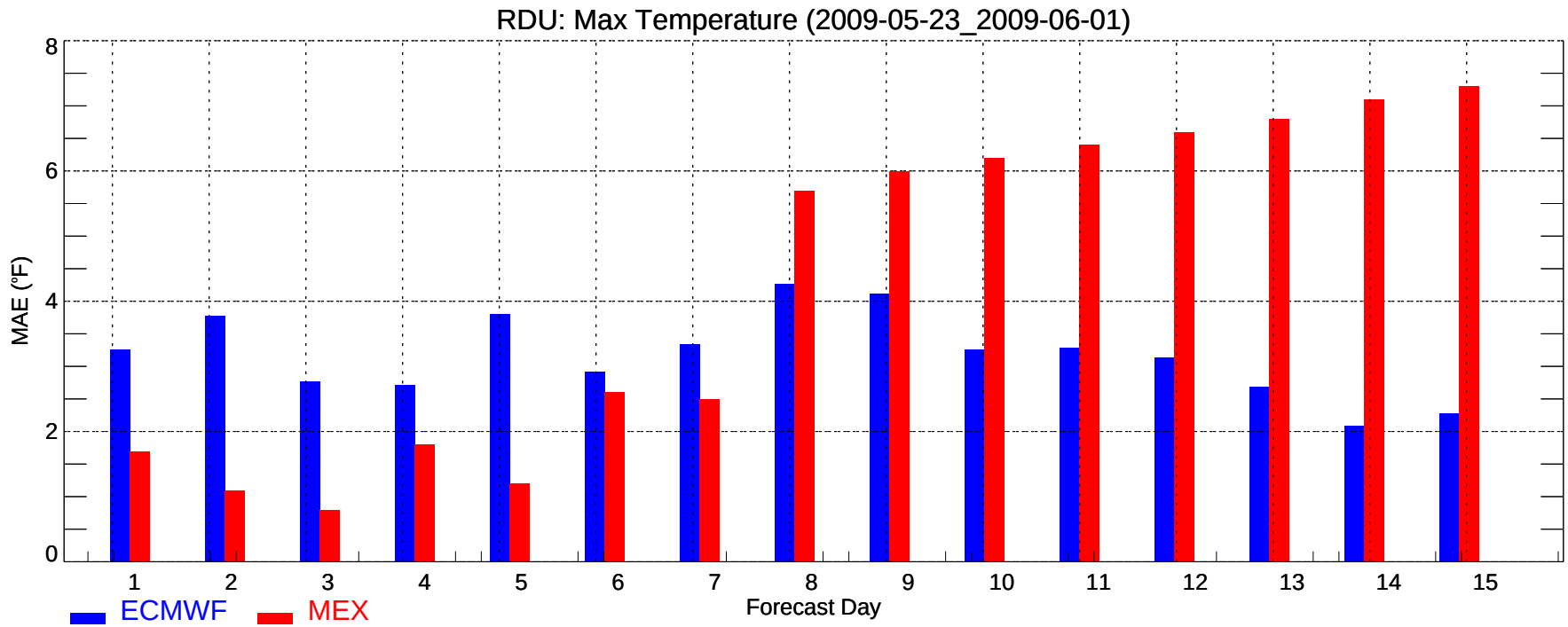
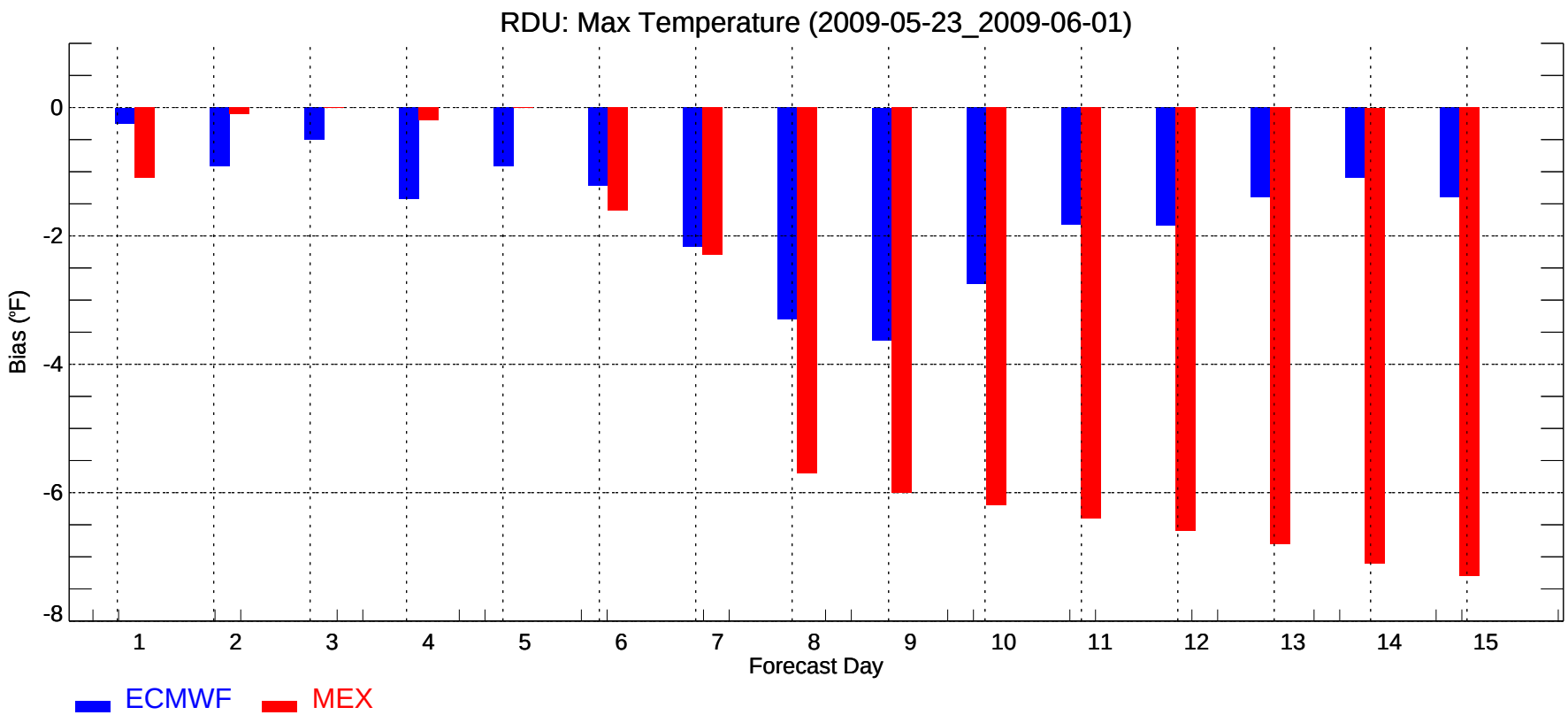
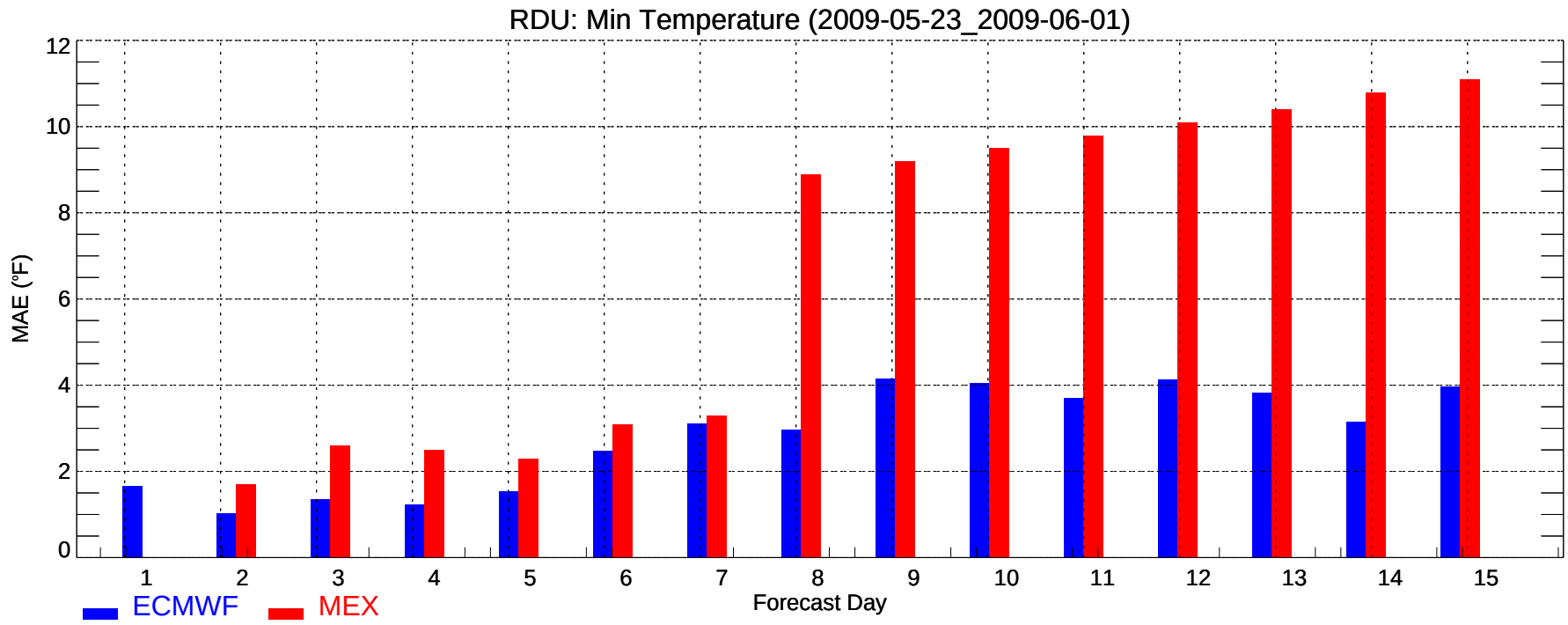
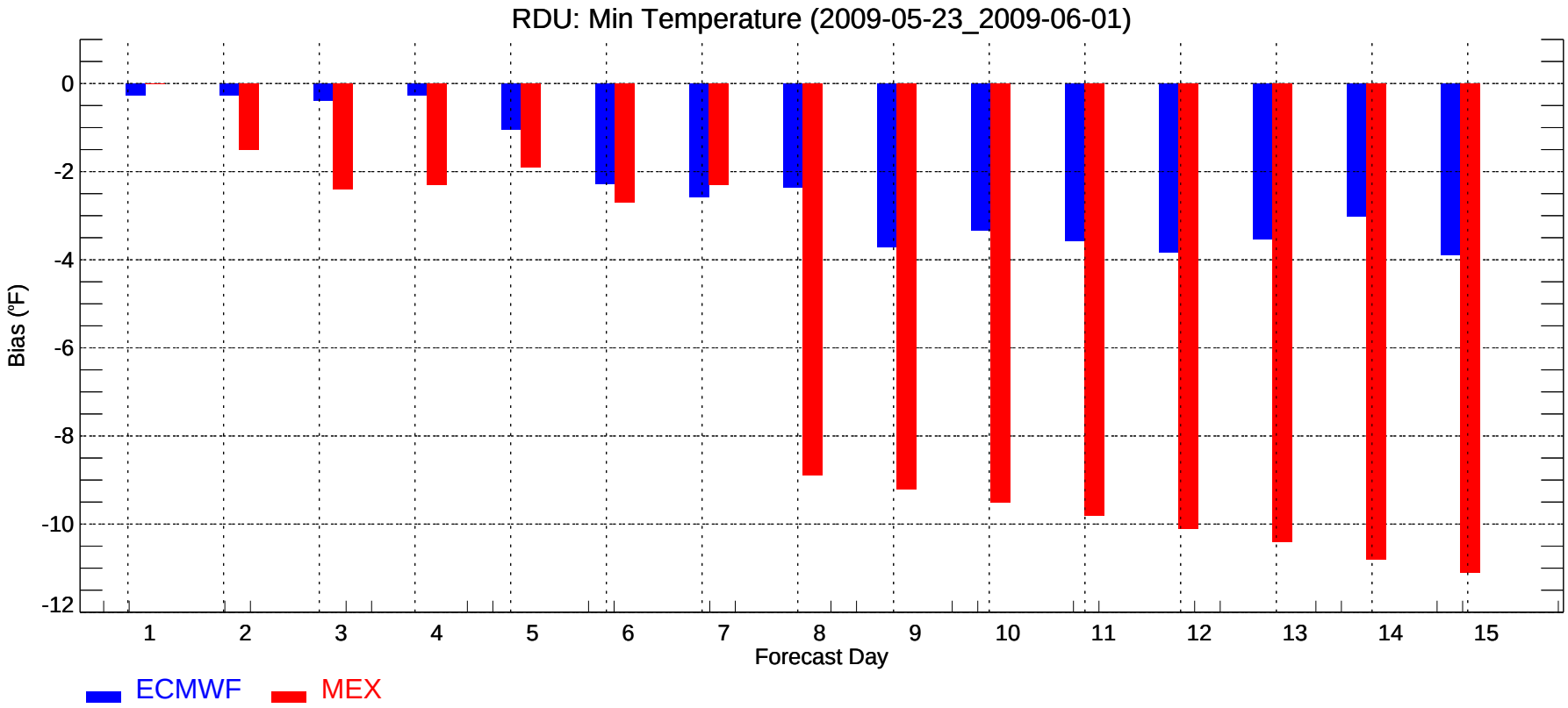
13
14
15
Forecast Day
ECMWF
MEX

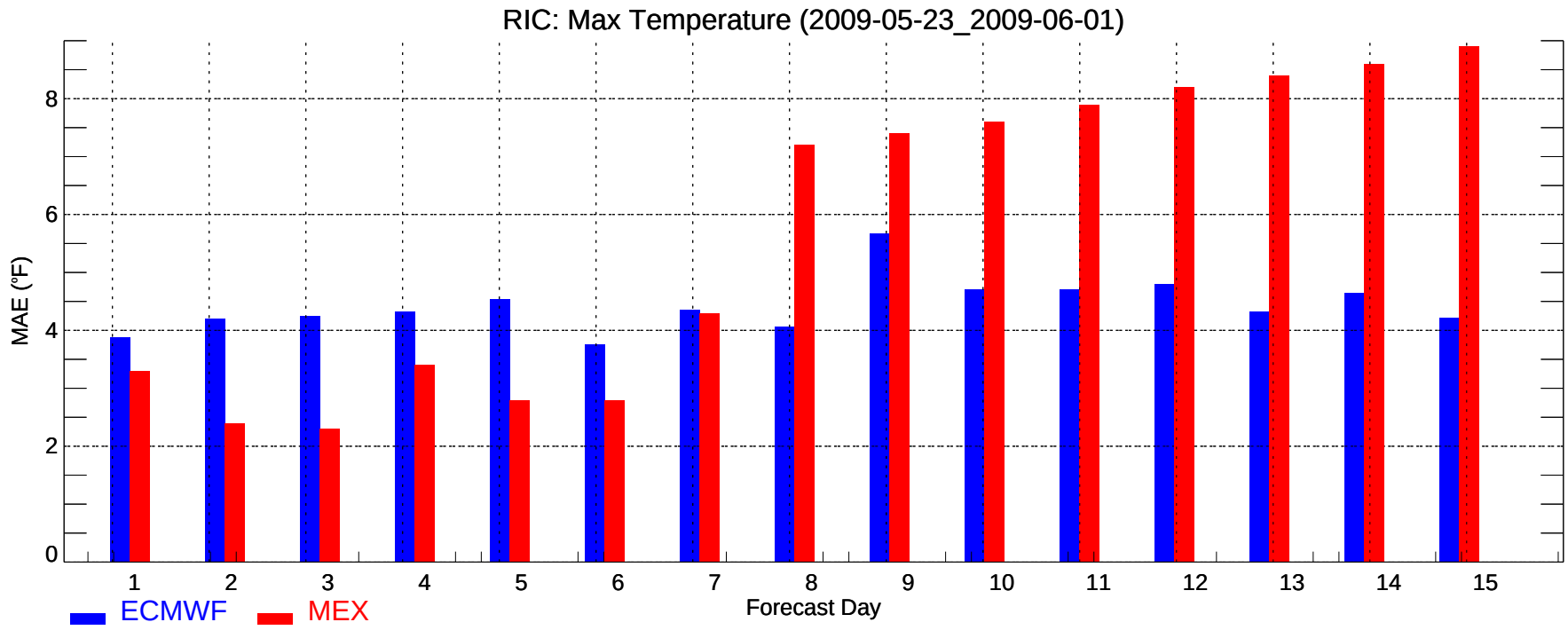

RDD: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

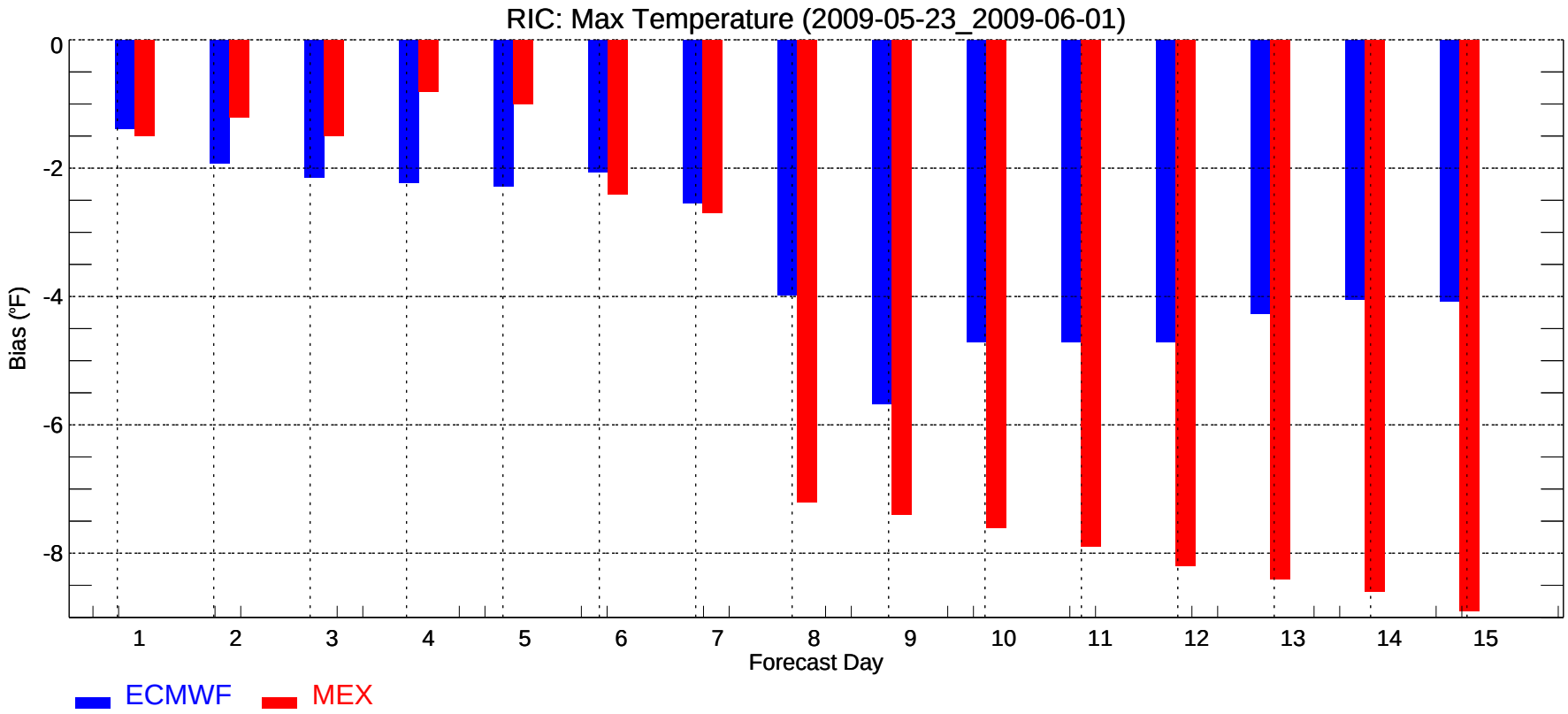

RDU: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

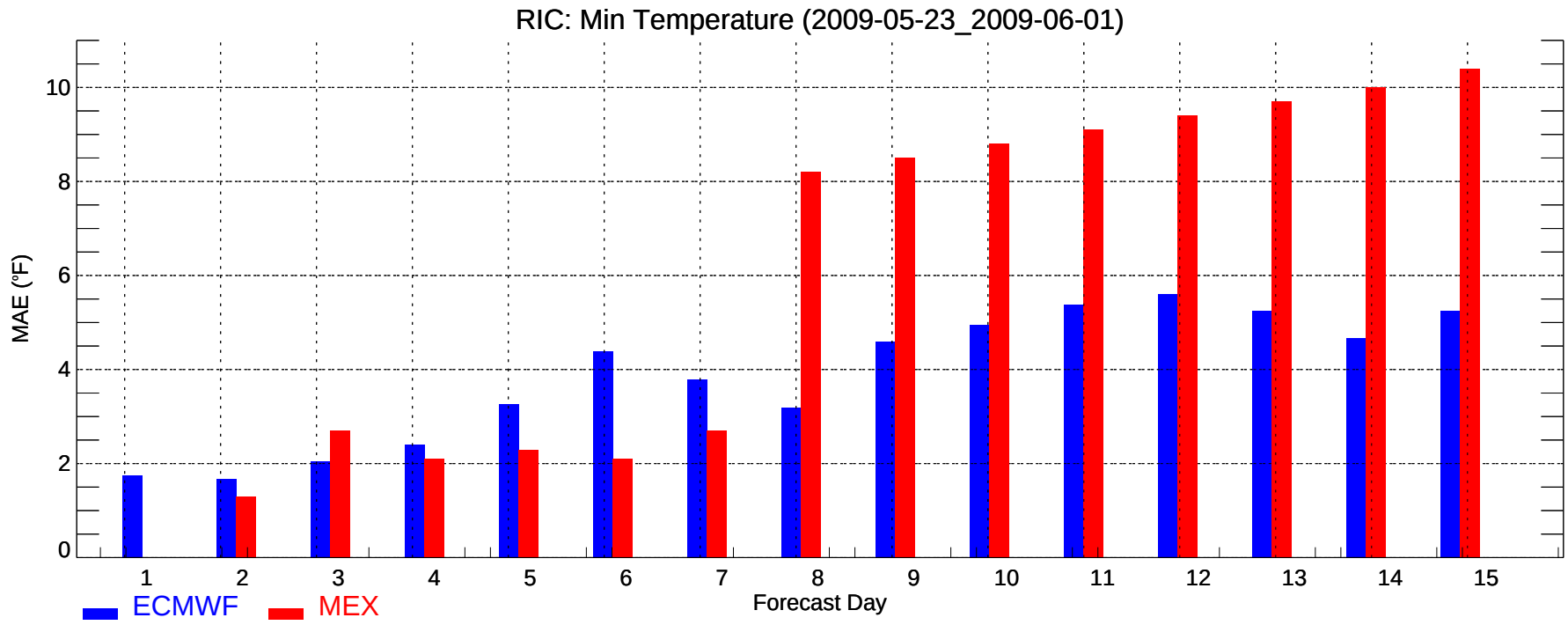

RDU: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

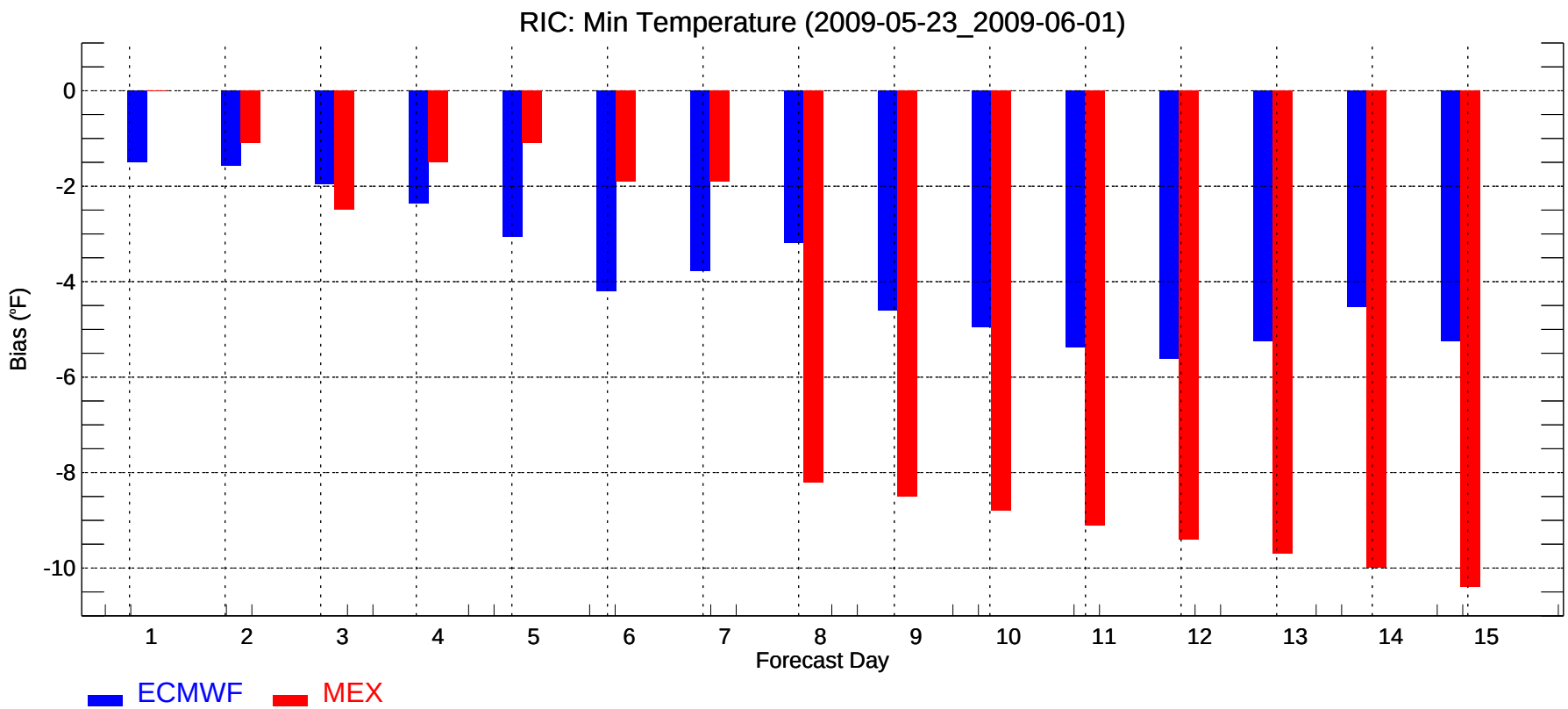

RDU: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

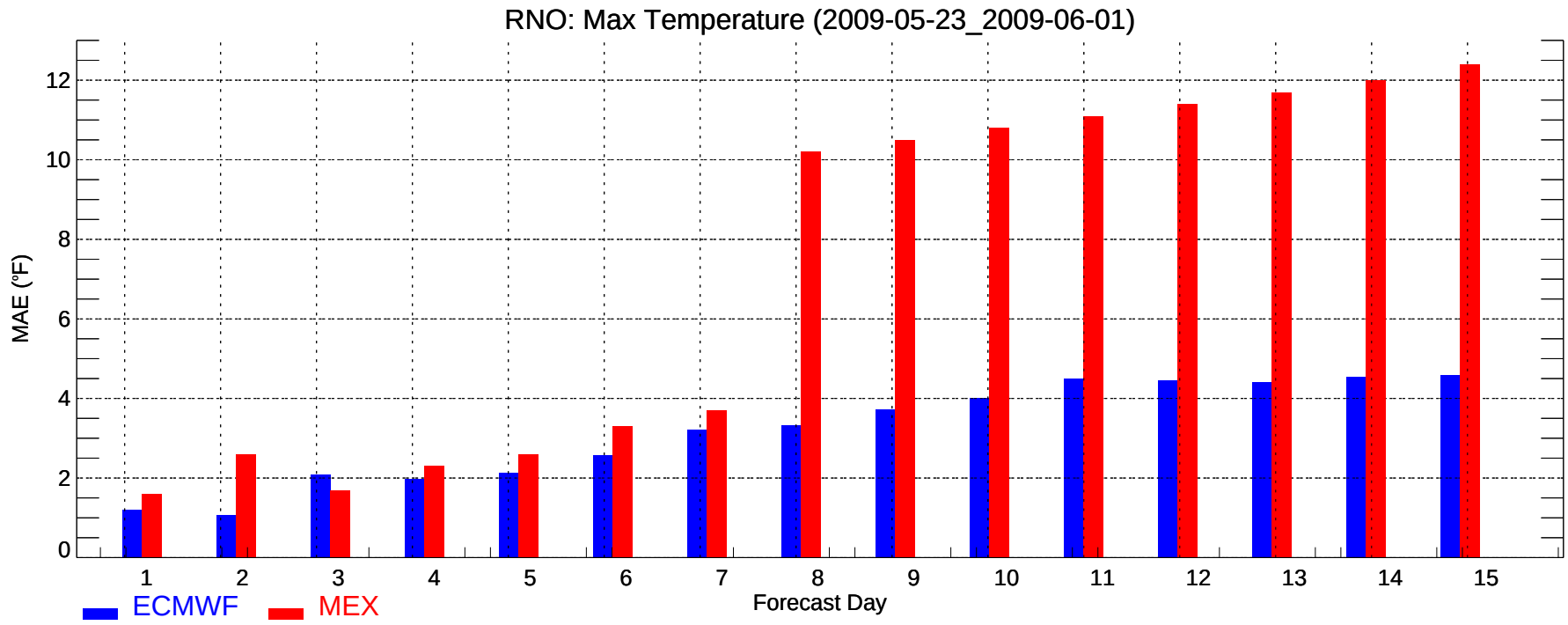

RDU: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

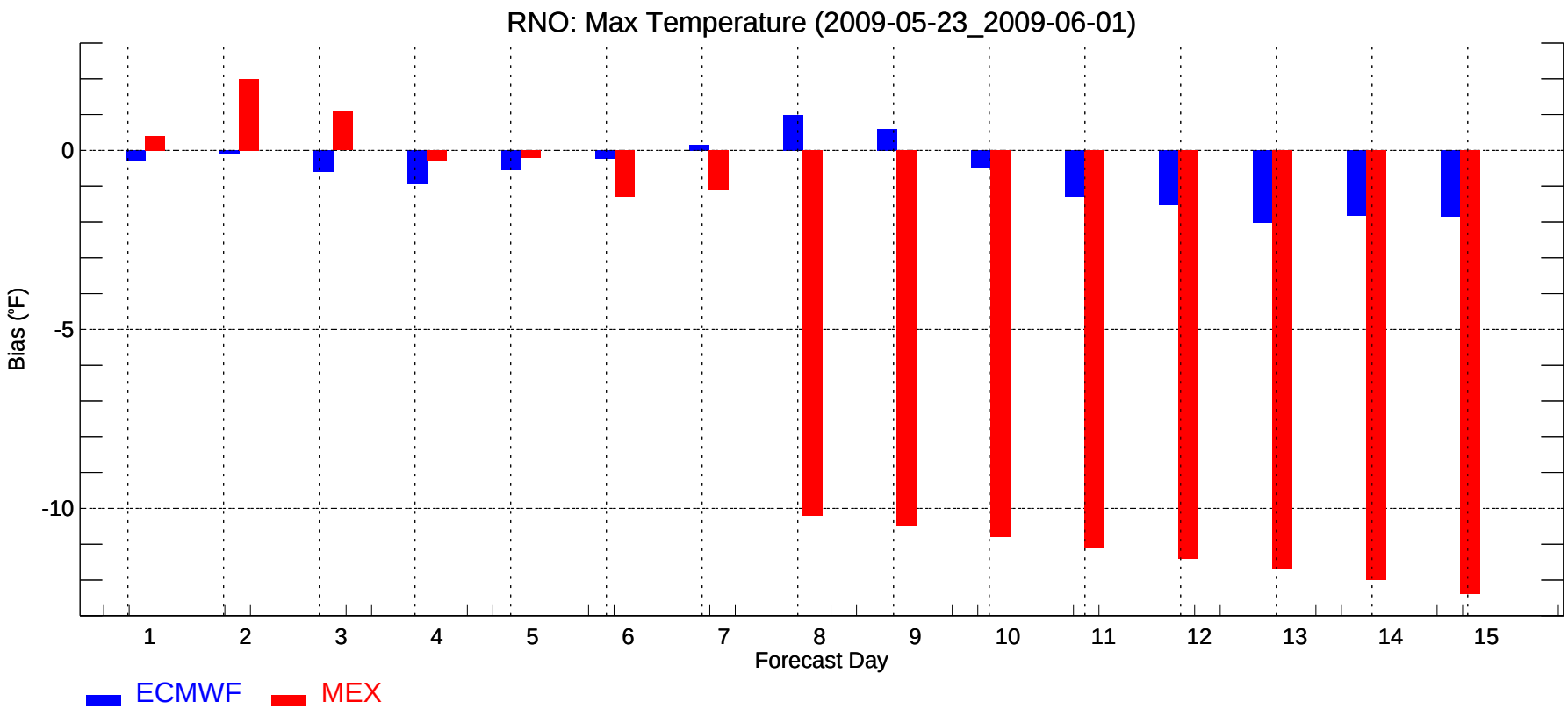

RIC: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

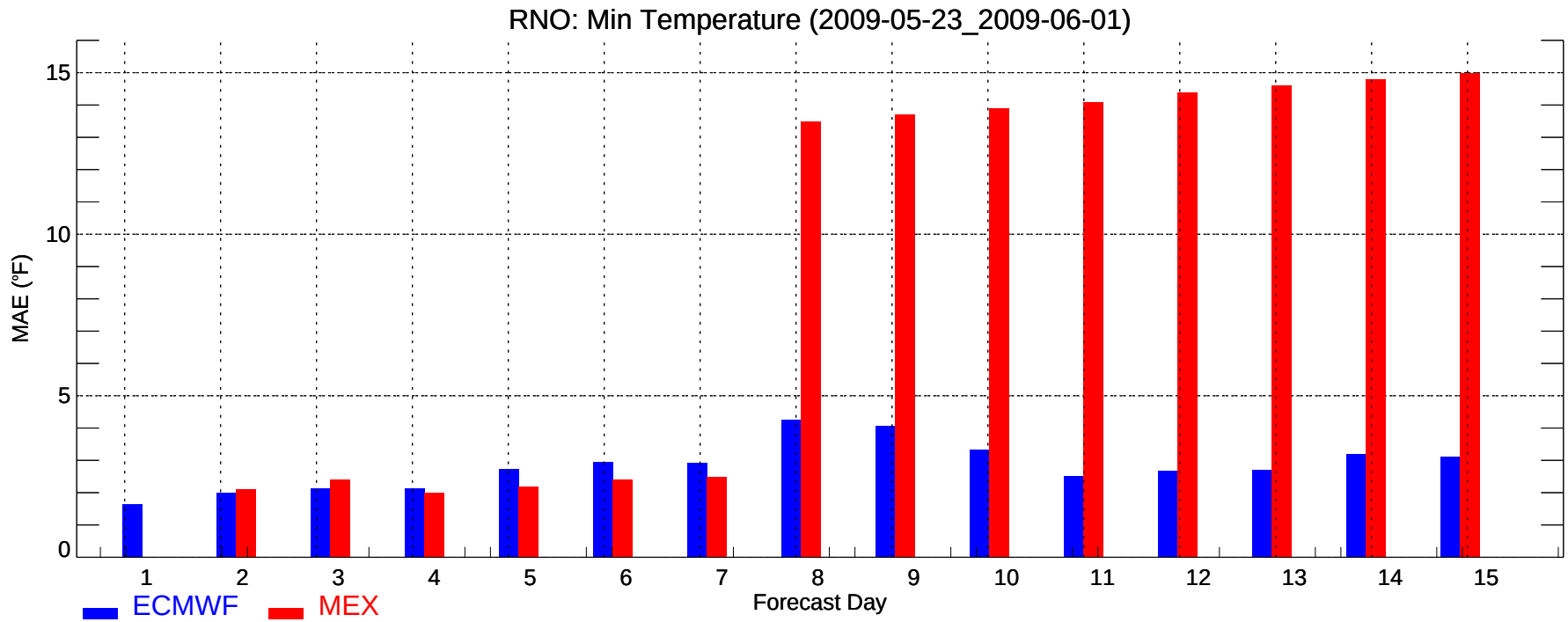

RIC: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

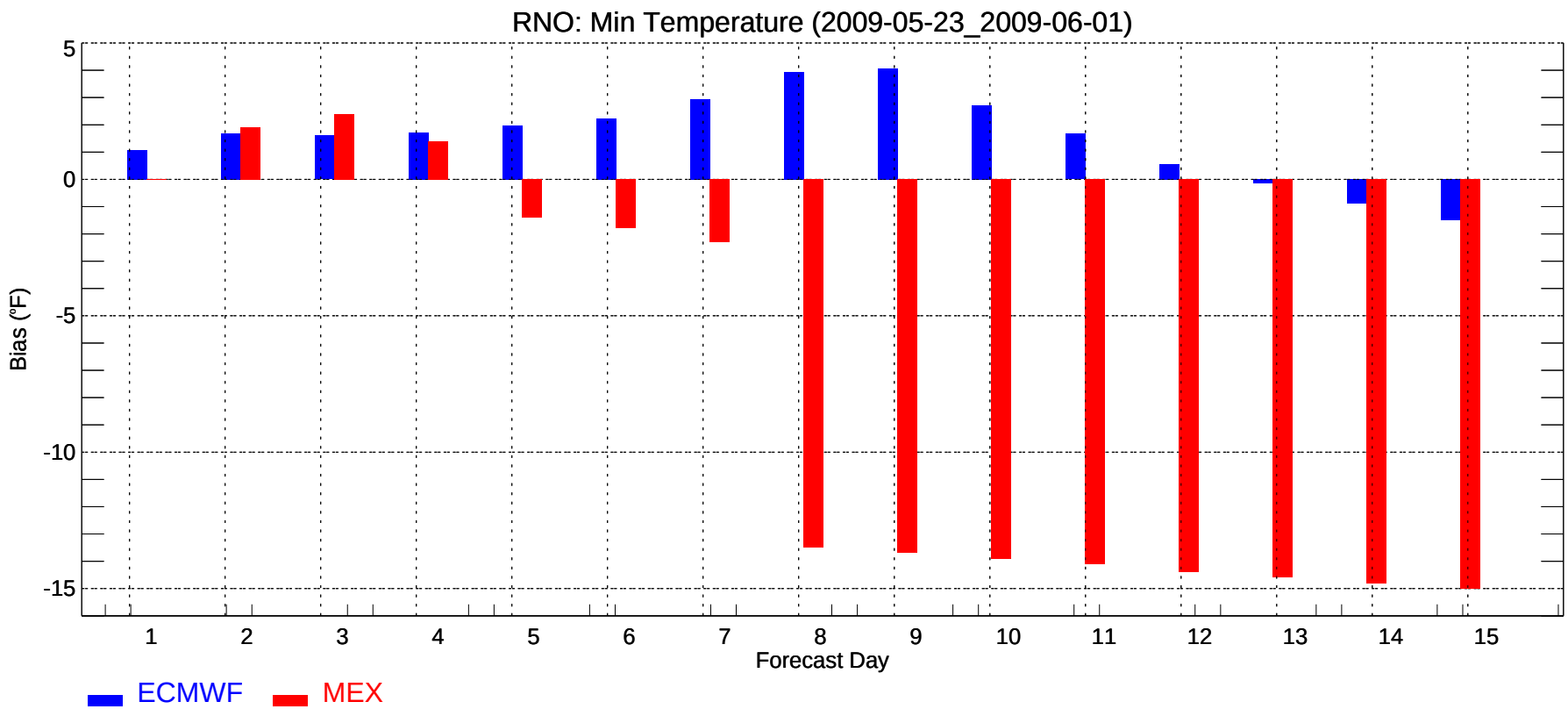

RIC: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

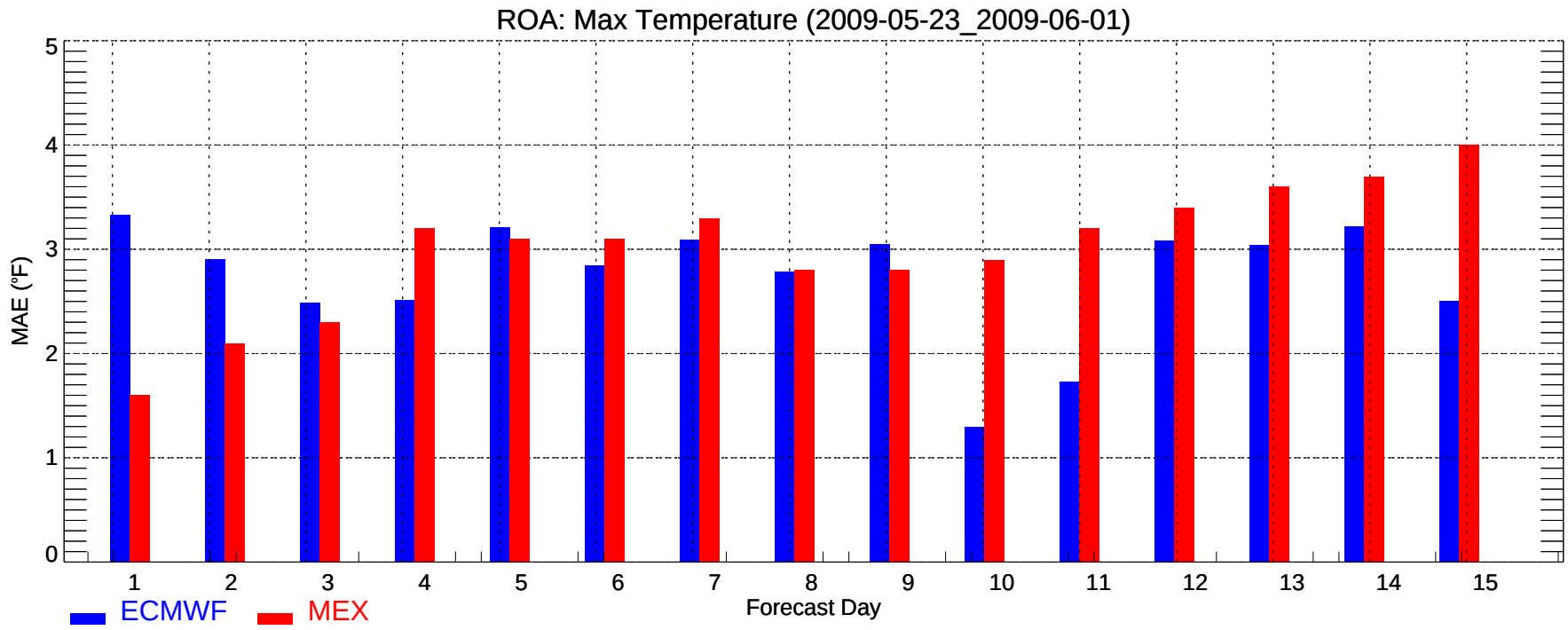

RIC: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

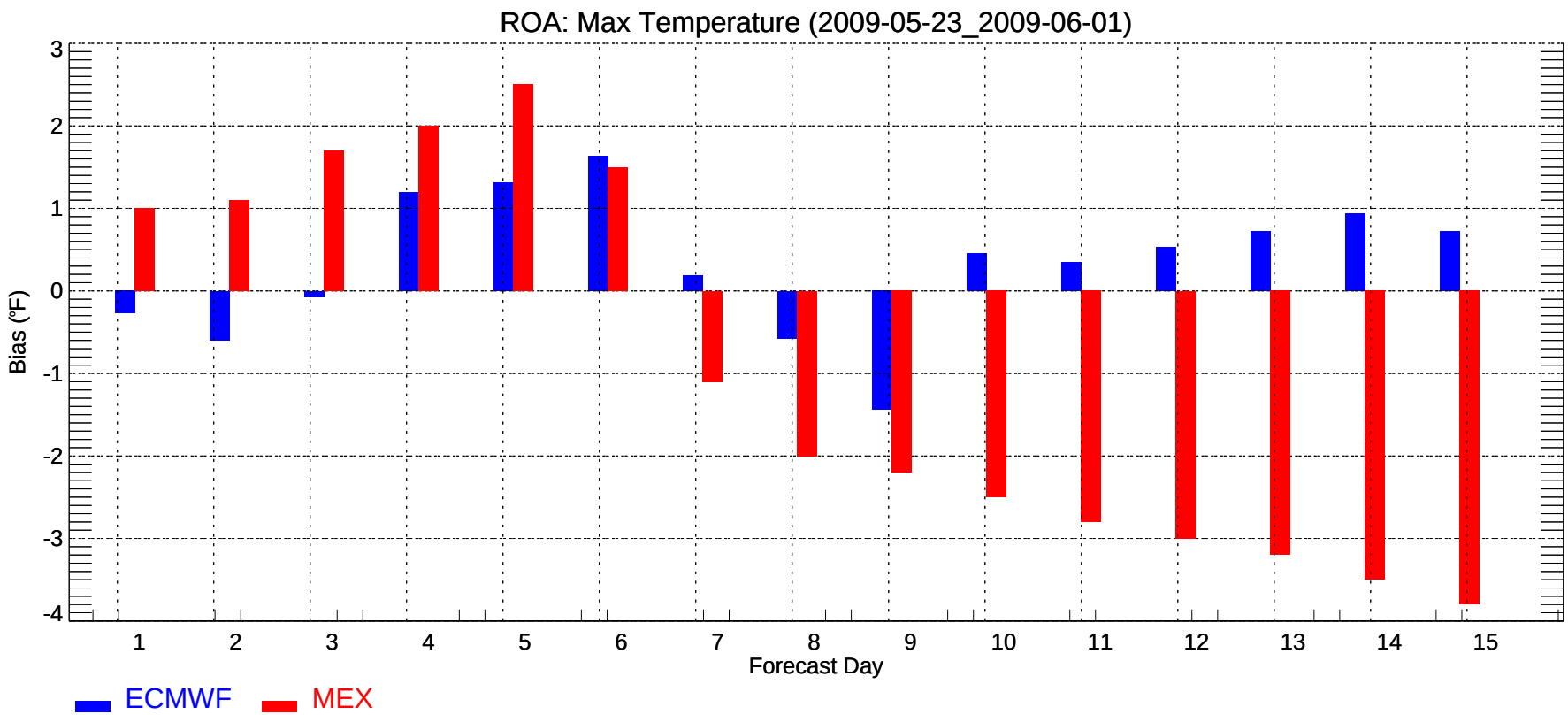

RNO: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

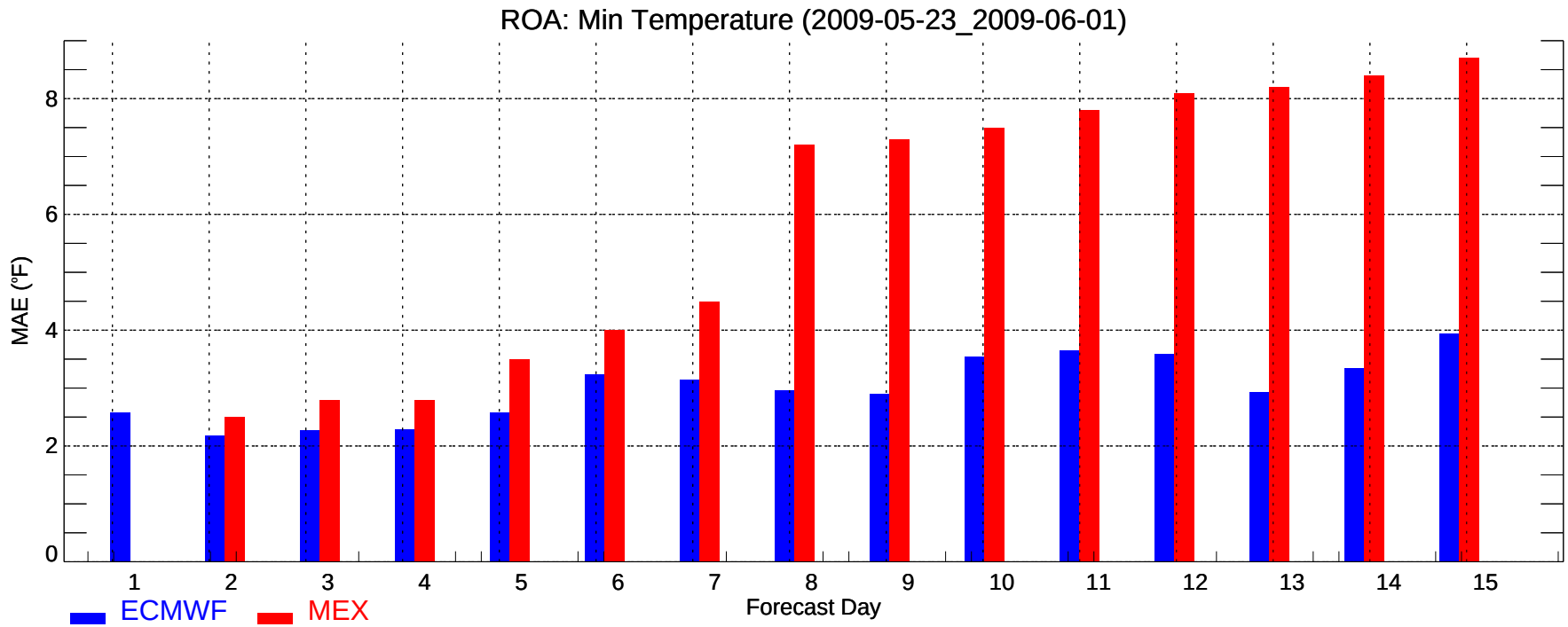

RNO: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-5
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

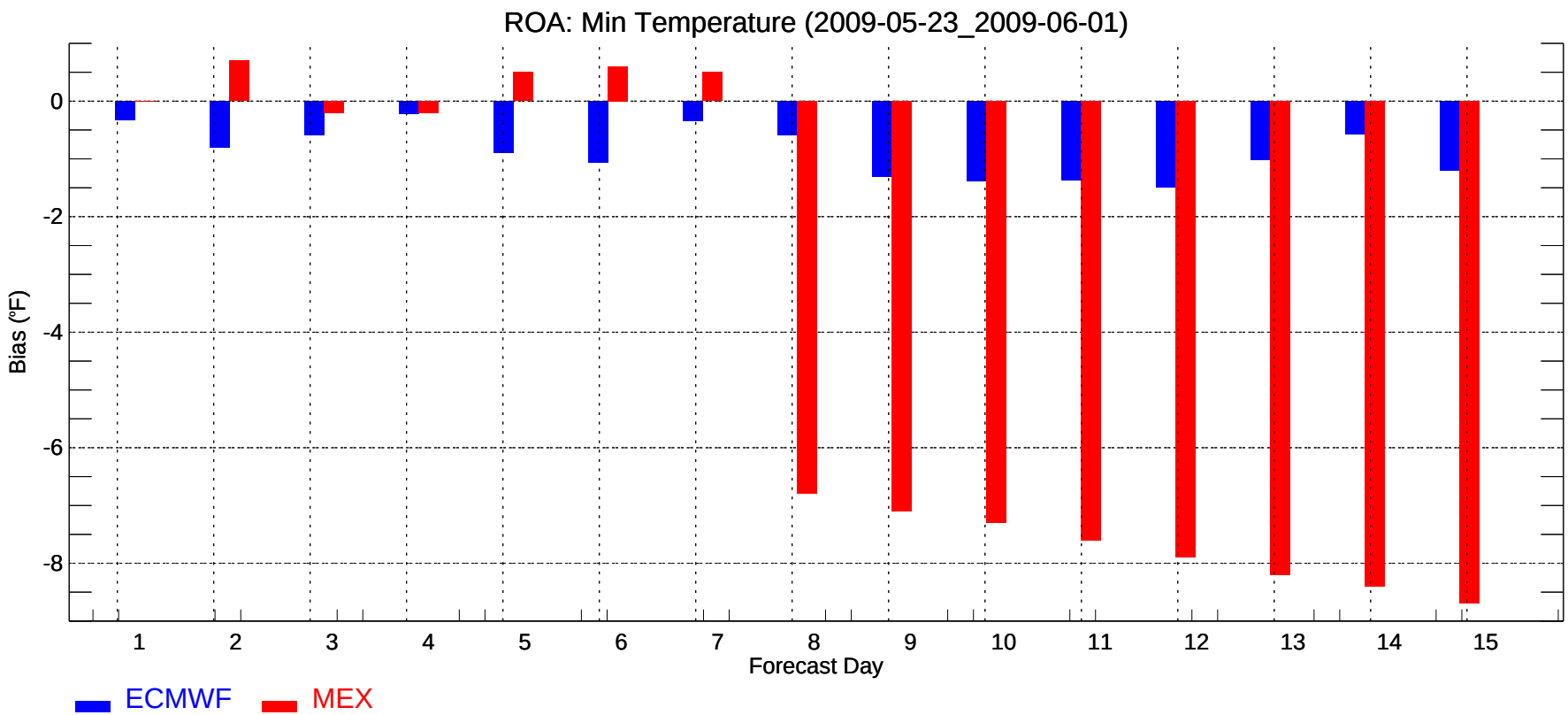

RNO: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RNO: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
5
0
-5
-10
-15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ROA: Max Temperature (2009-05-23_2009-06-01)
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


ROA: Max Temperature (2009-05-23_2009-06-01)
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


ROA: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ROA: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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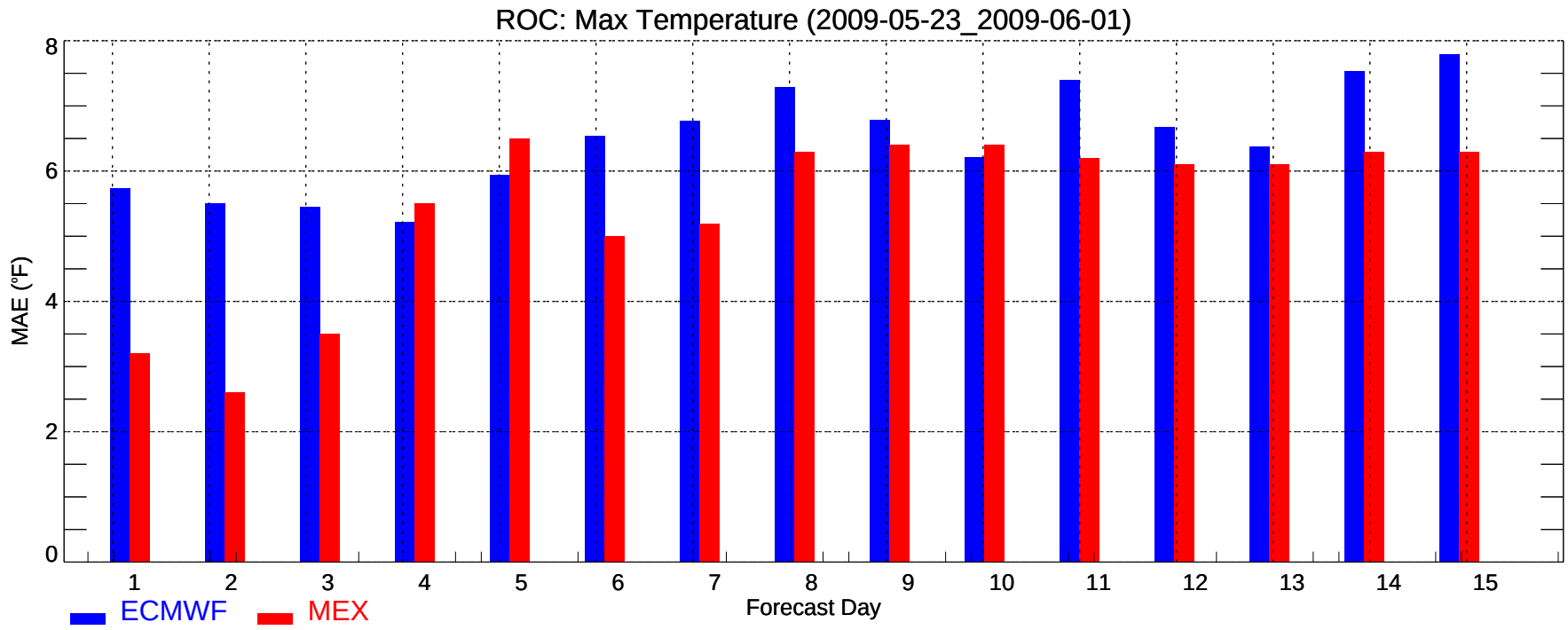
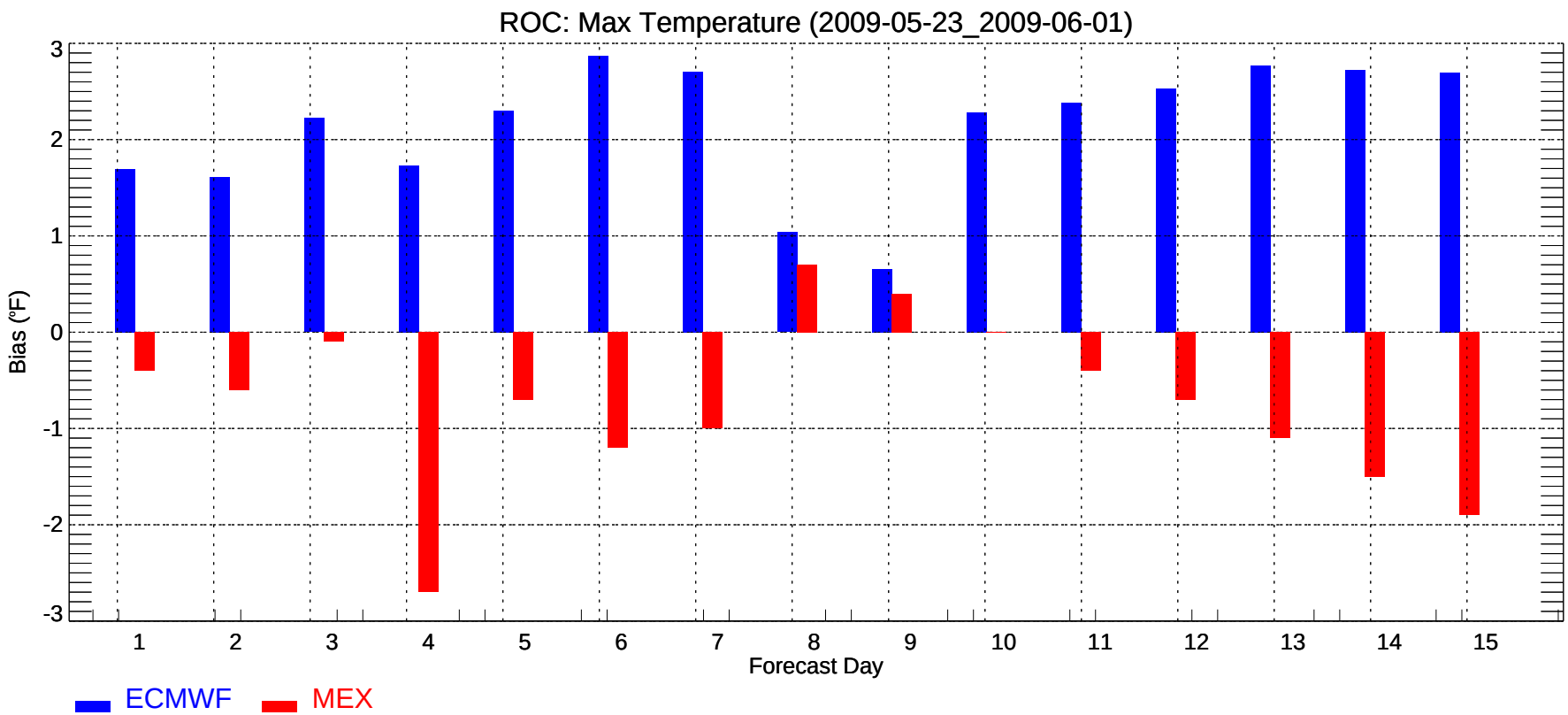
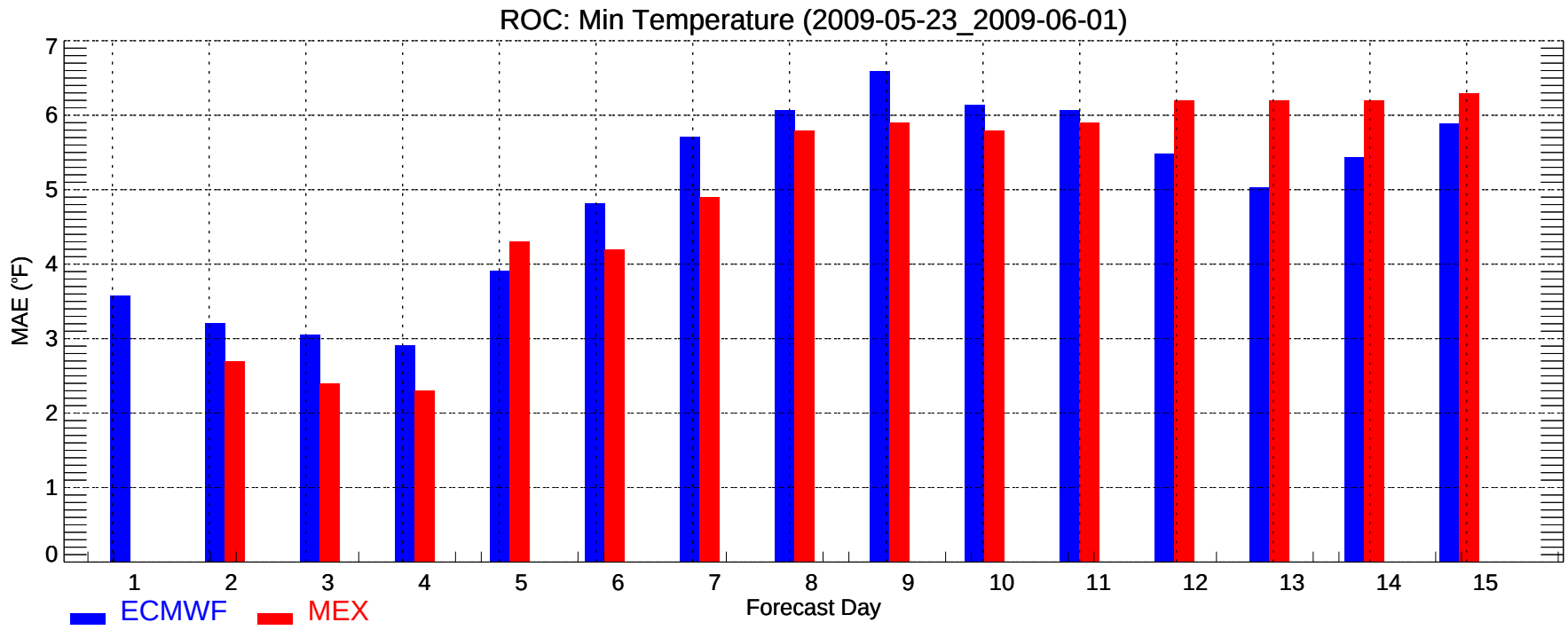
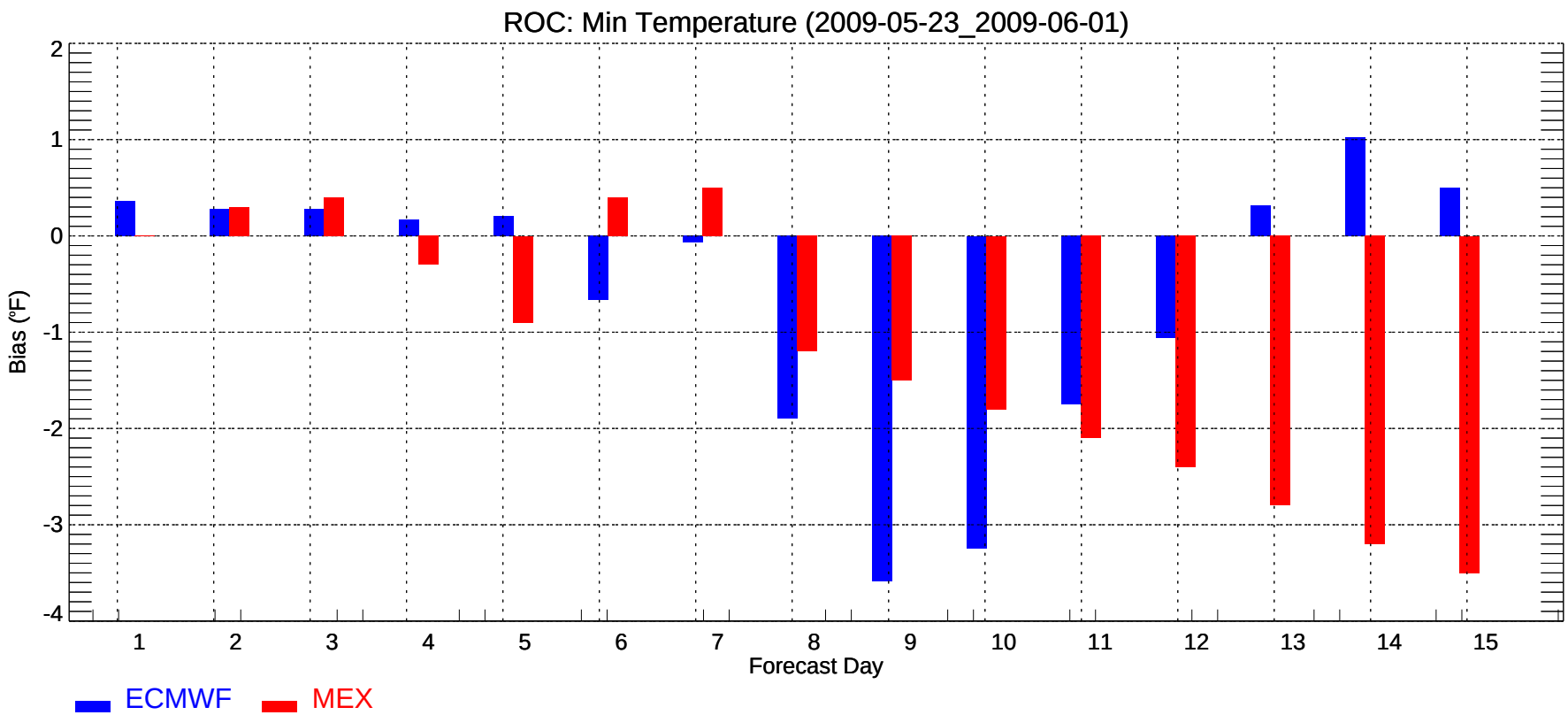
11
12
13
14
15
Forecast Day
ECMWF
MEX


ROC: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ROC: Max Temperature (2009-05-23_2009-06-01)
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


ROC: Min Temperature (2009-05-23_2009-06-01)
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


ROC: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
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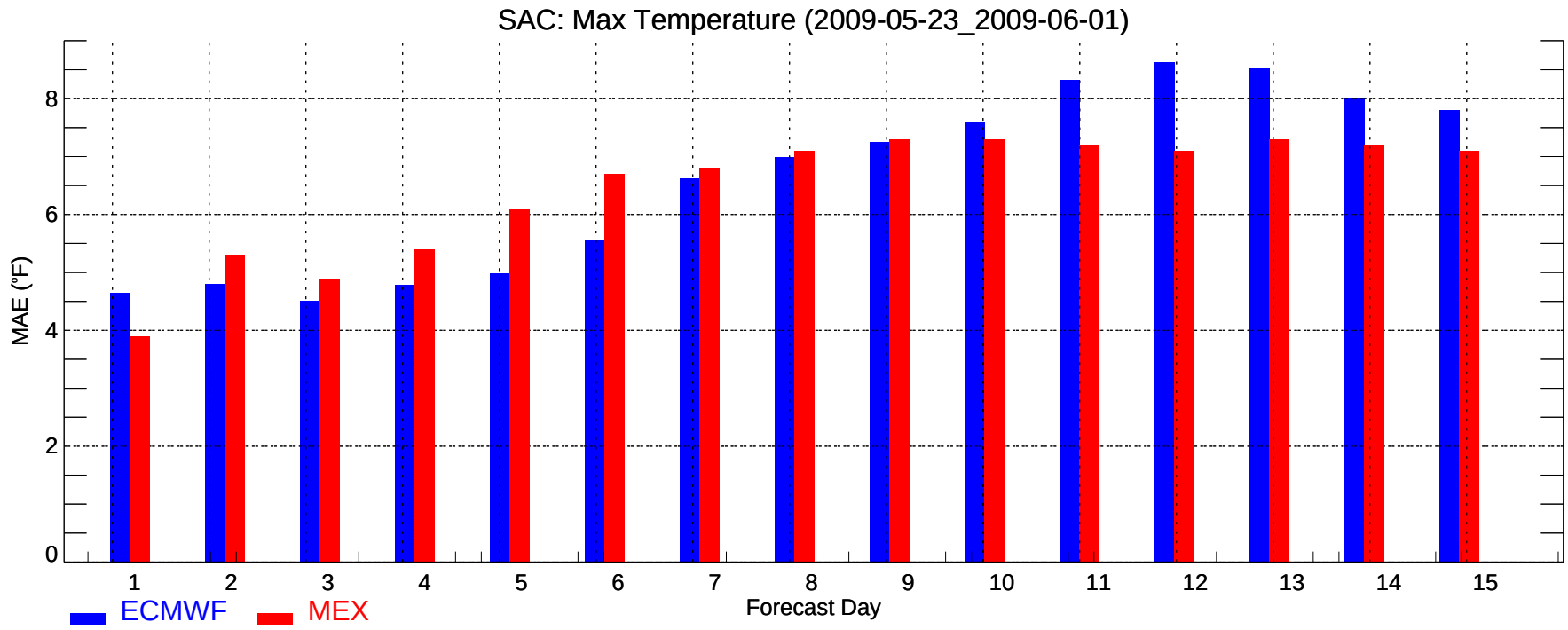
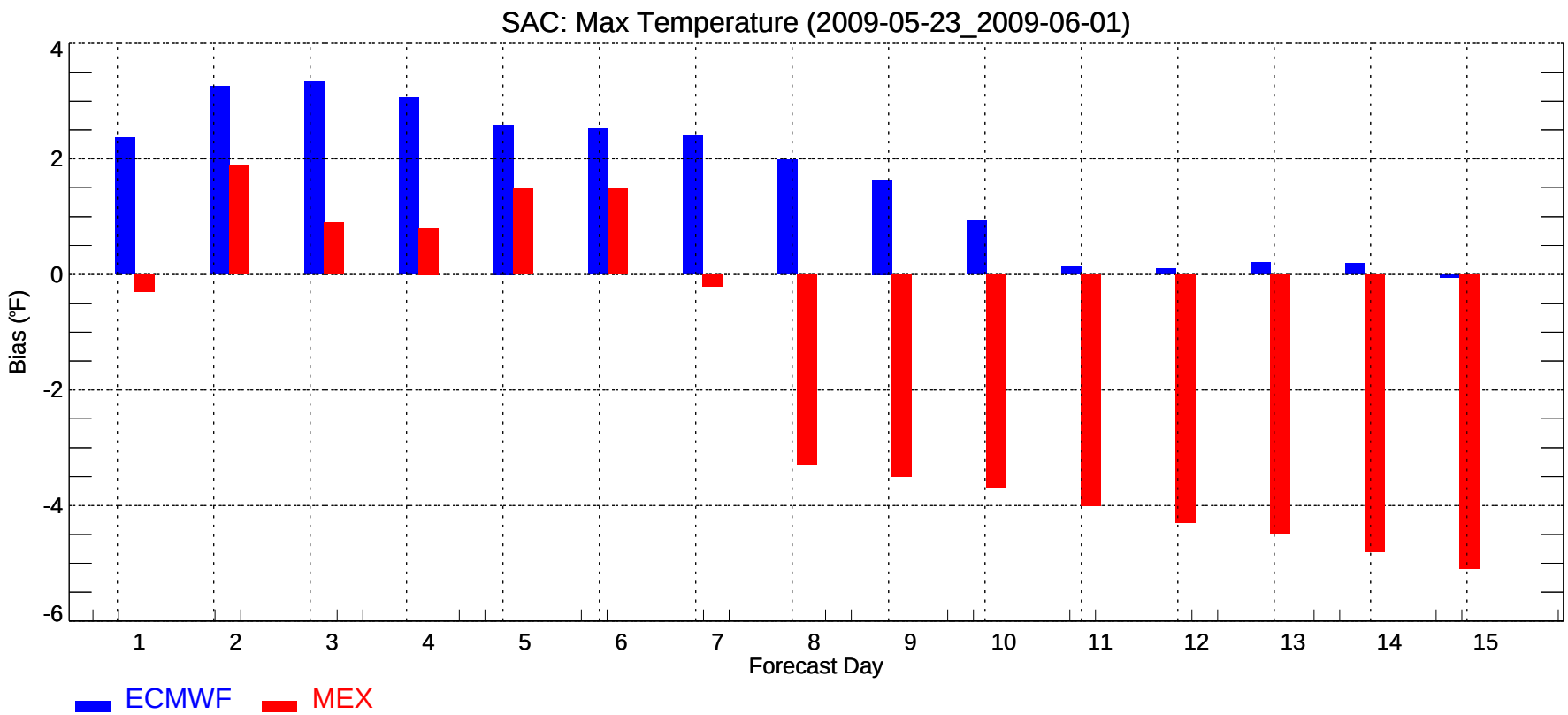
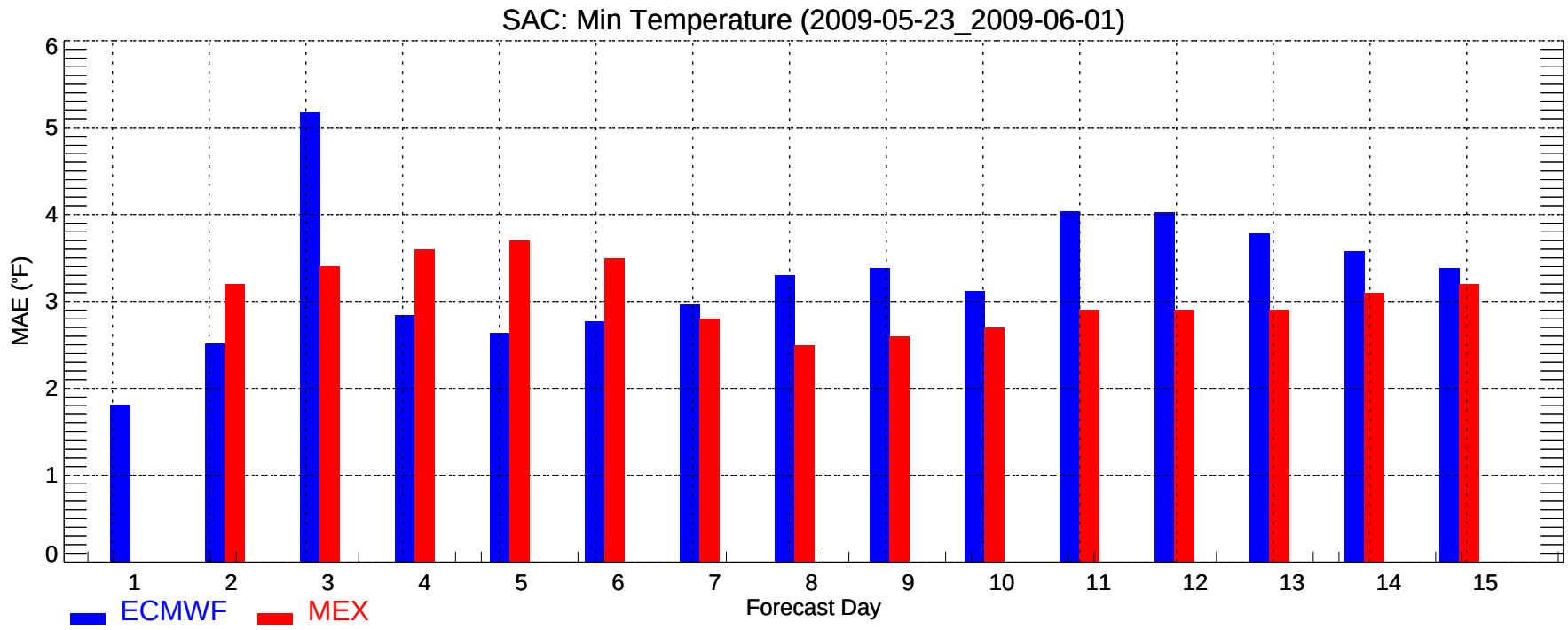
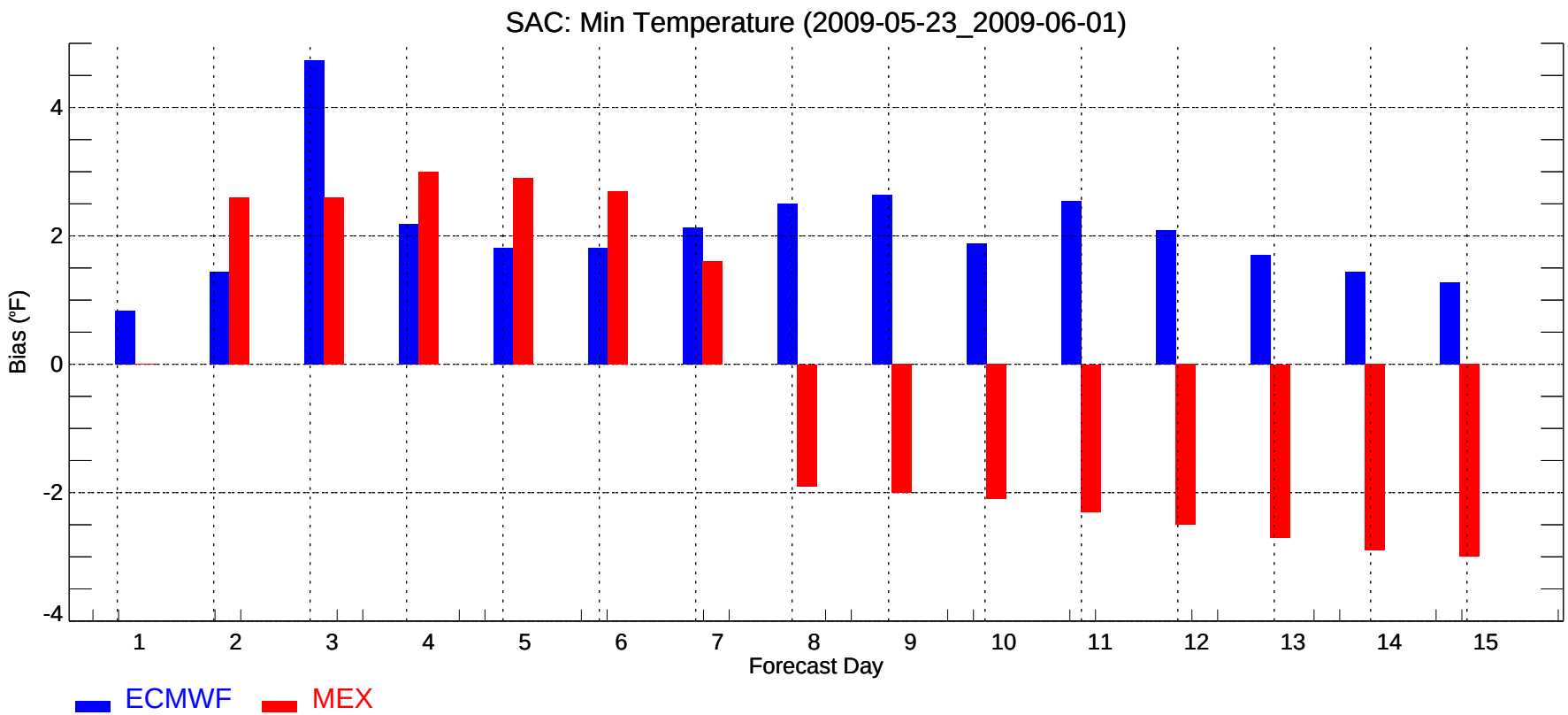
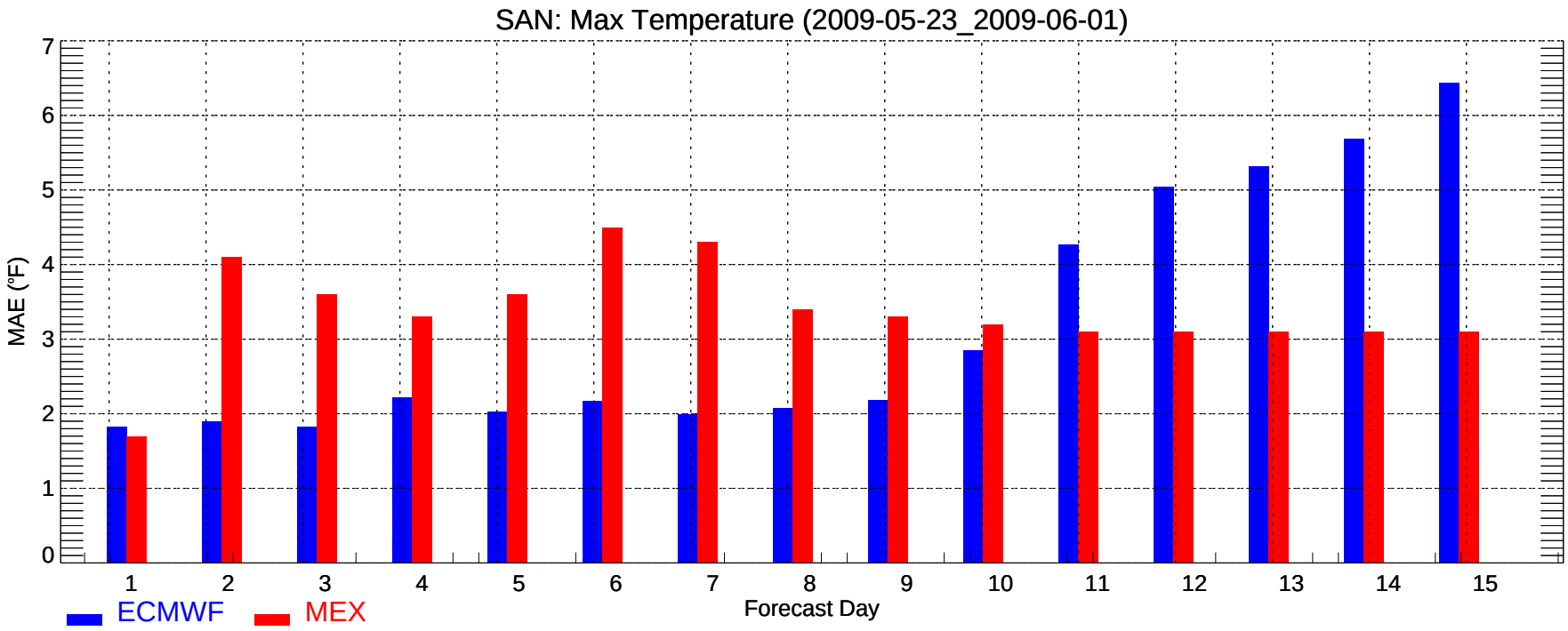
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

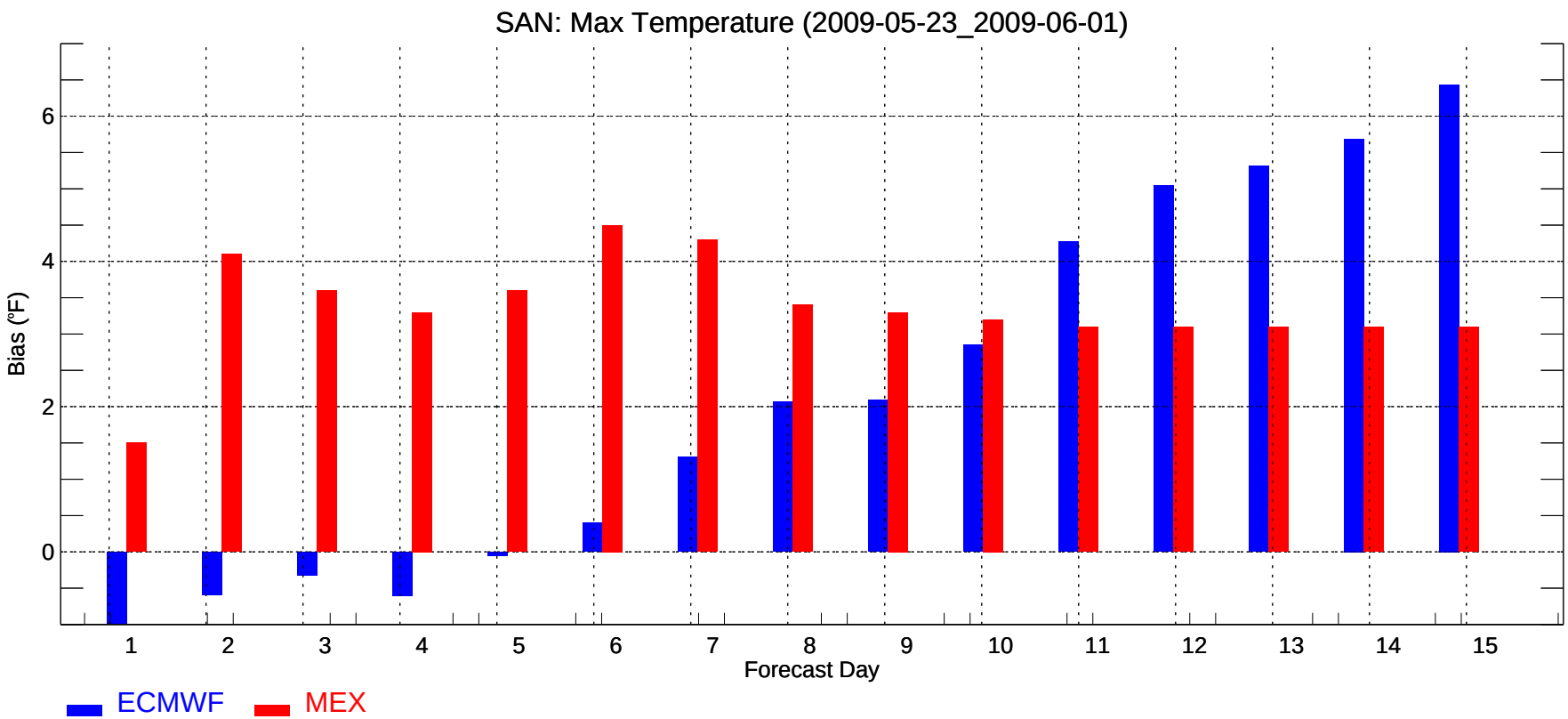

SAC: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

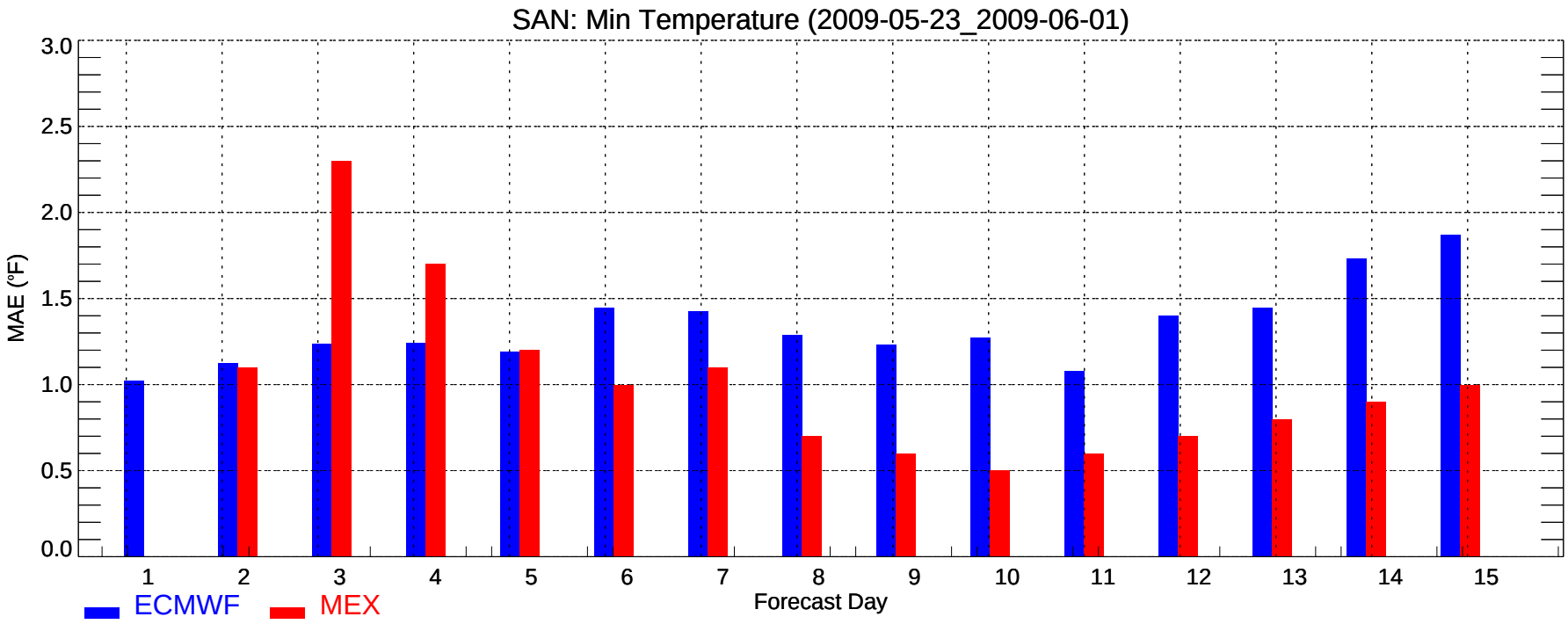

SAC: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

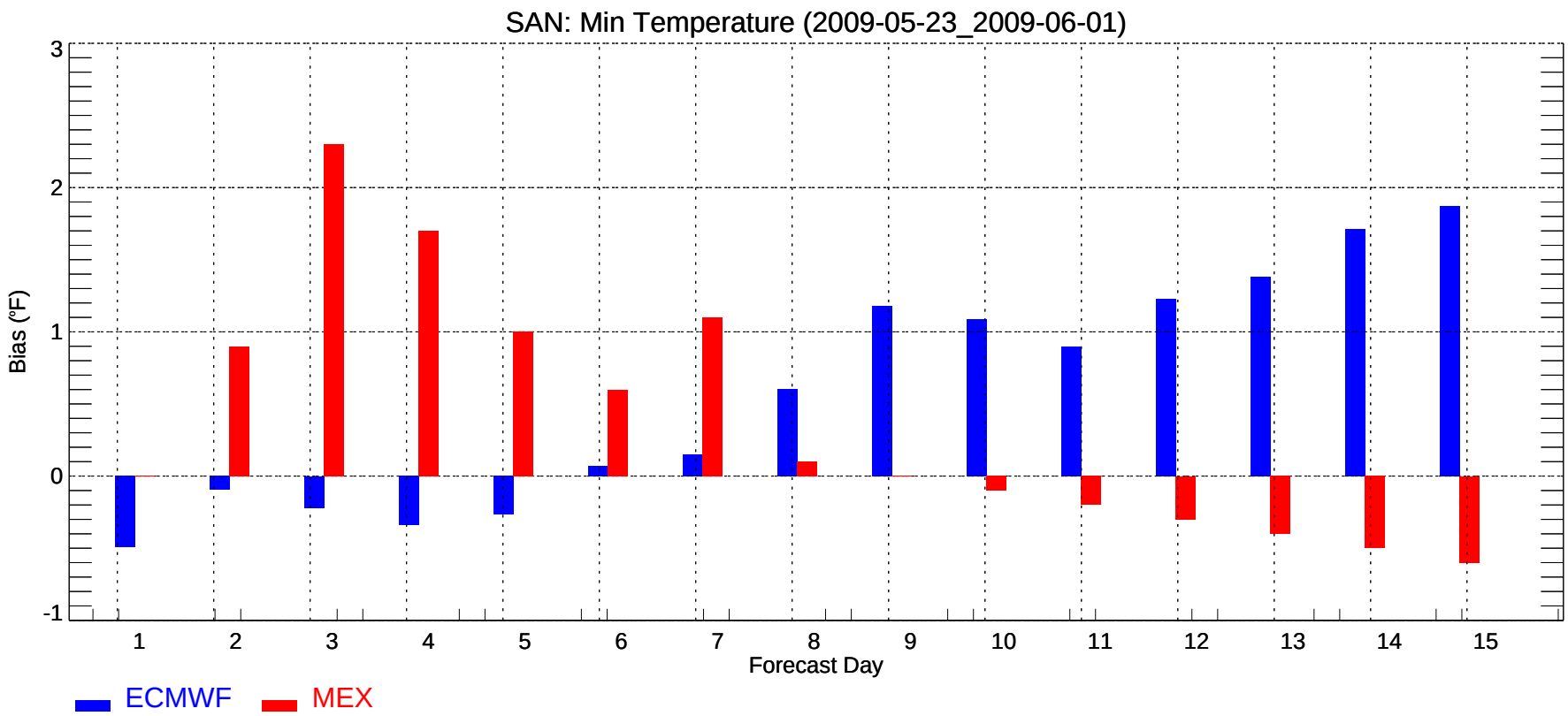

SAC: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

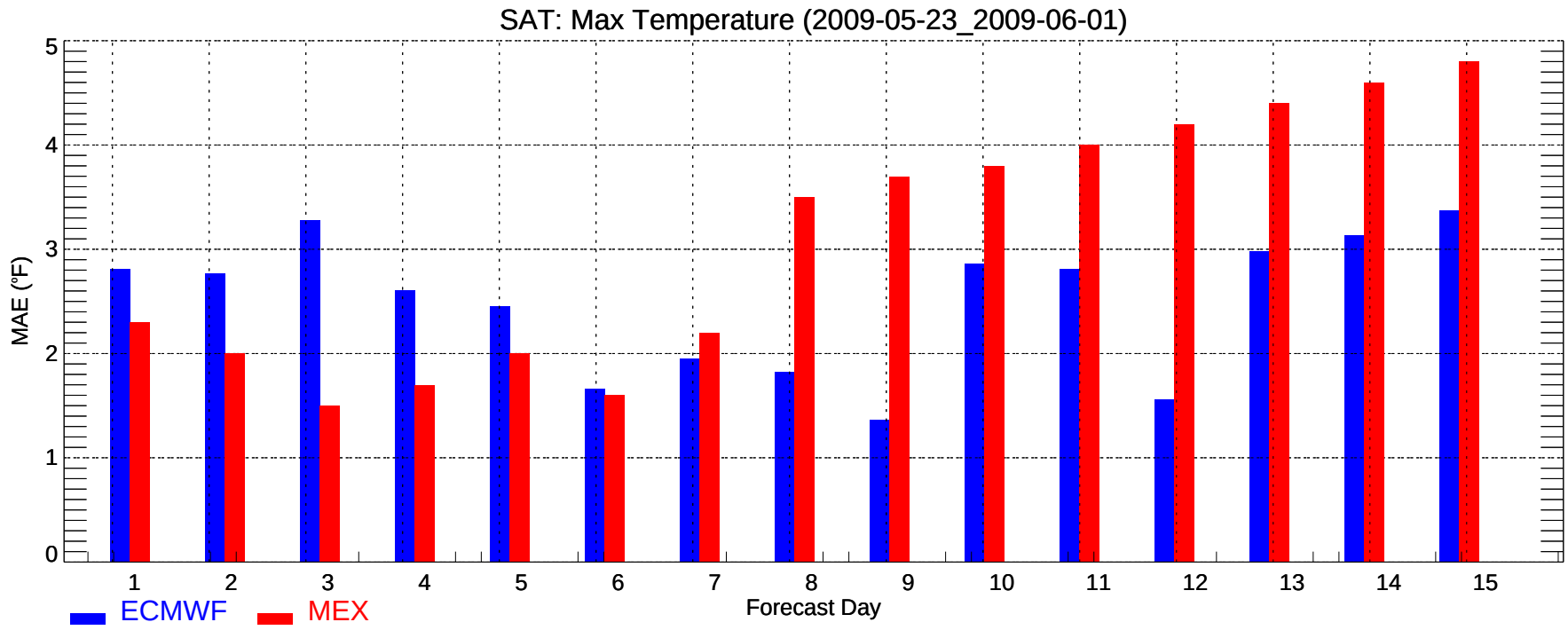

SAC: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

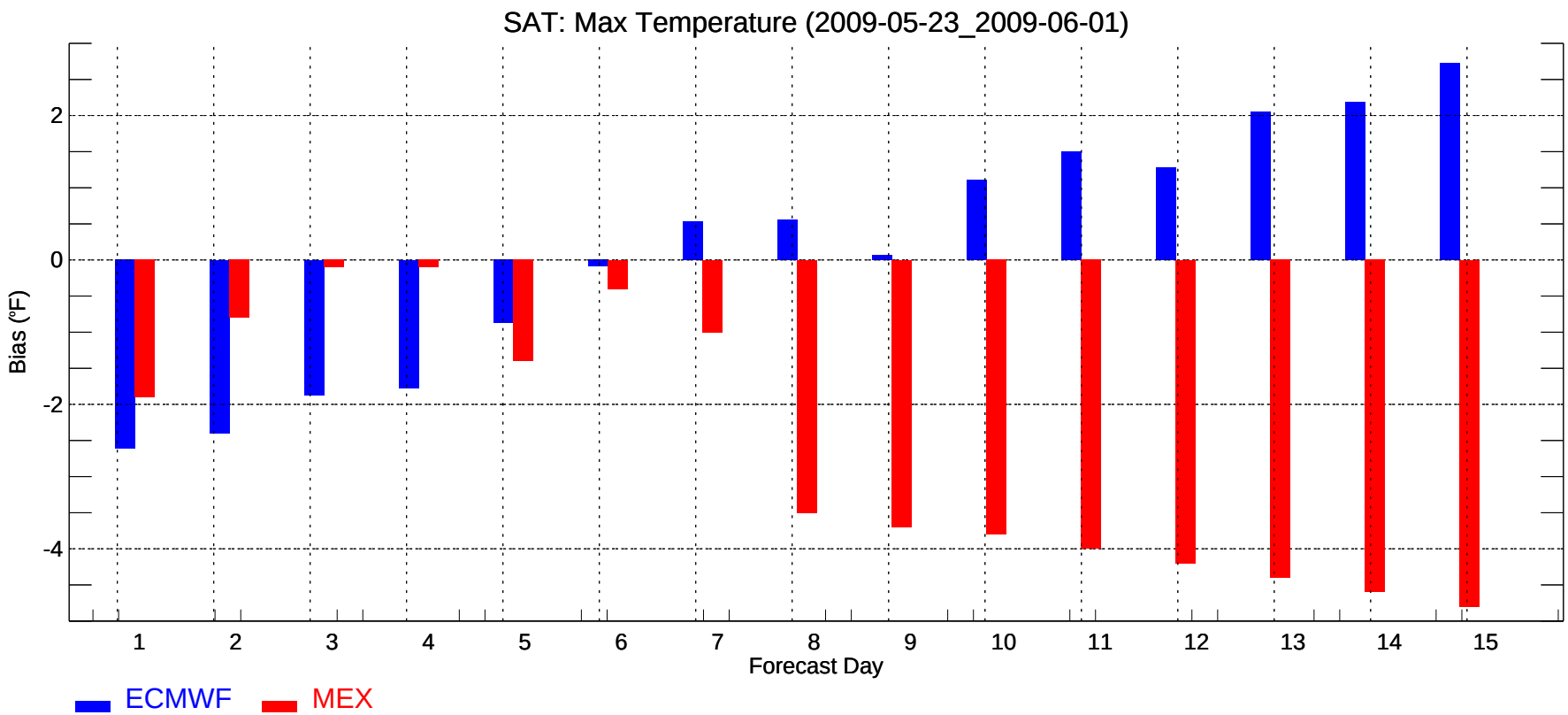

SAN: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

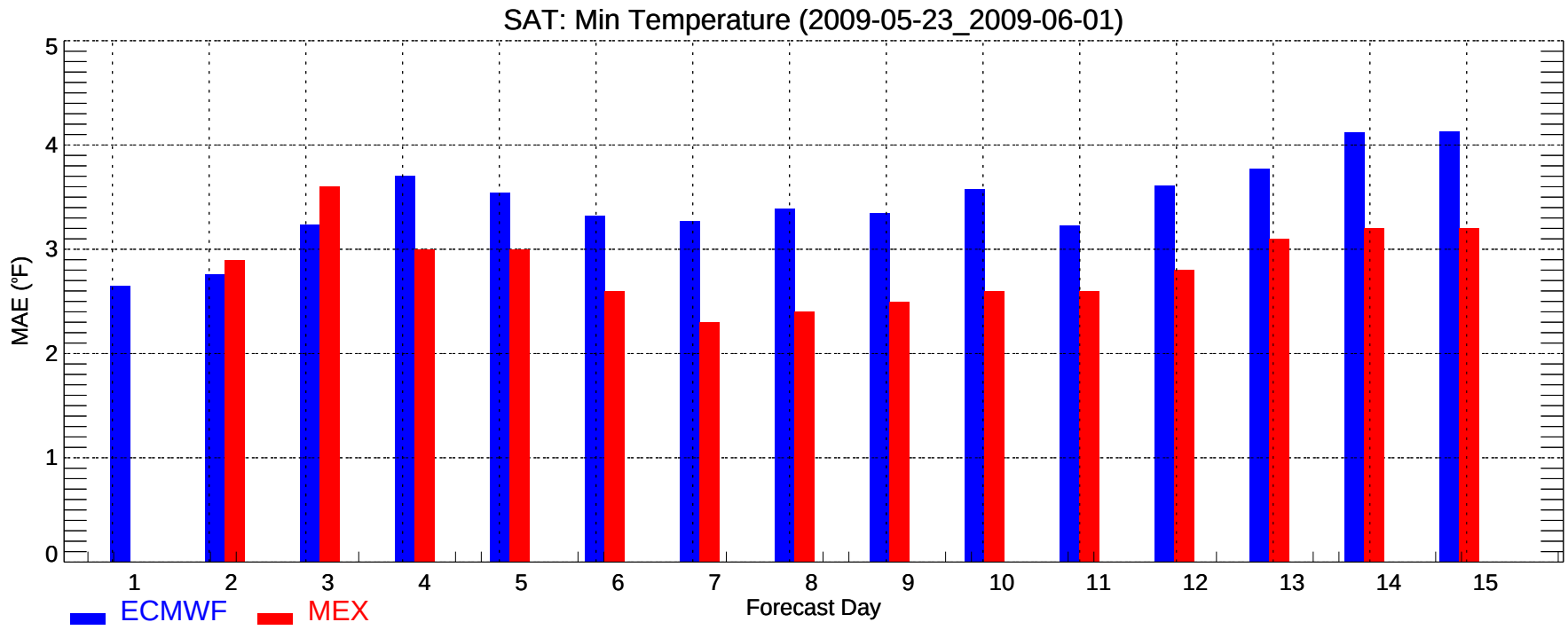

SAN: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

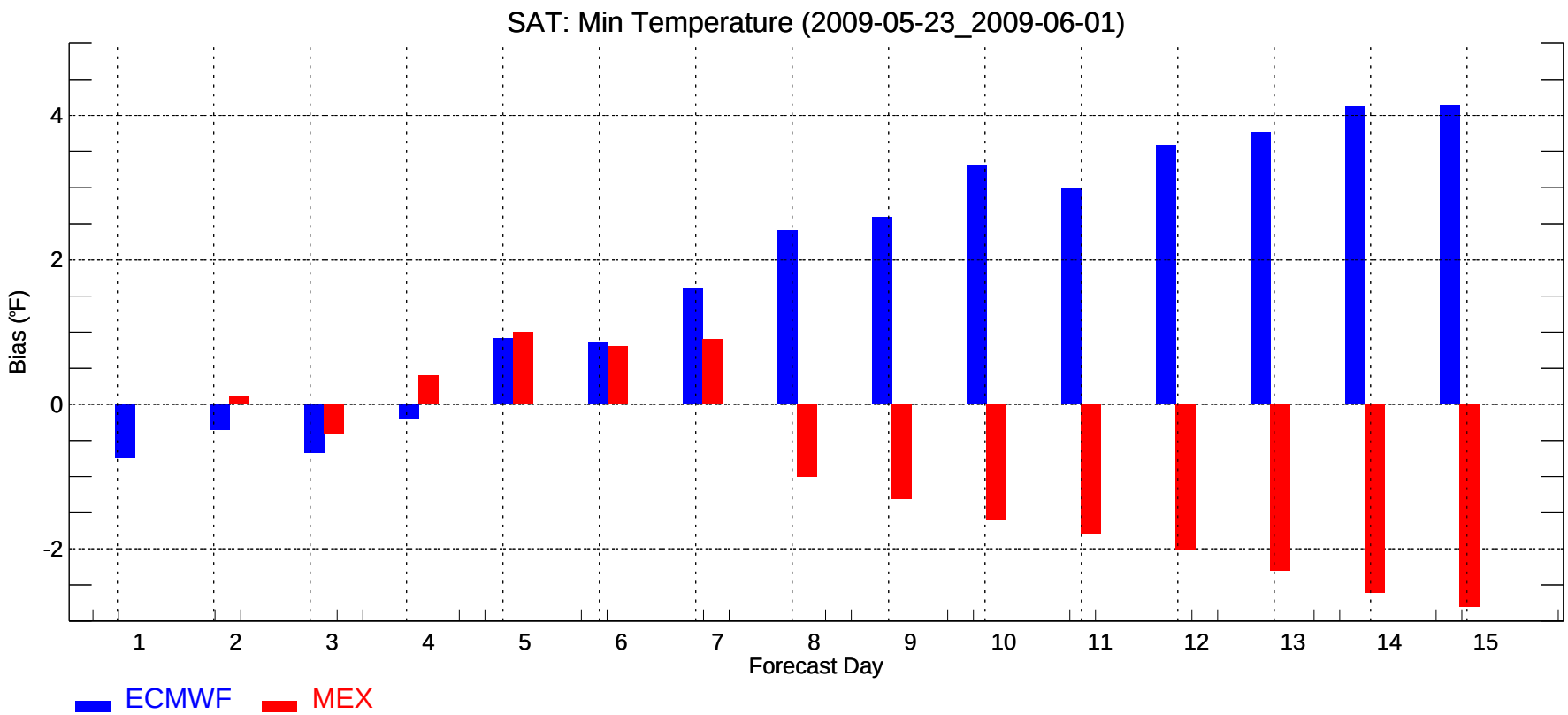

SAN: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAN: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
3
2
1
0
-1
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAT: Max Temperature (2009-05-23_2009-06-01)
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


SAT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
1
2
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14
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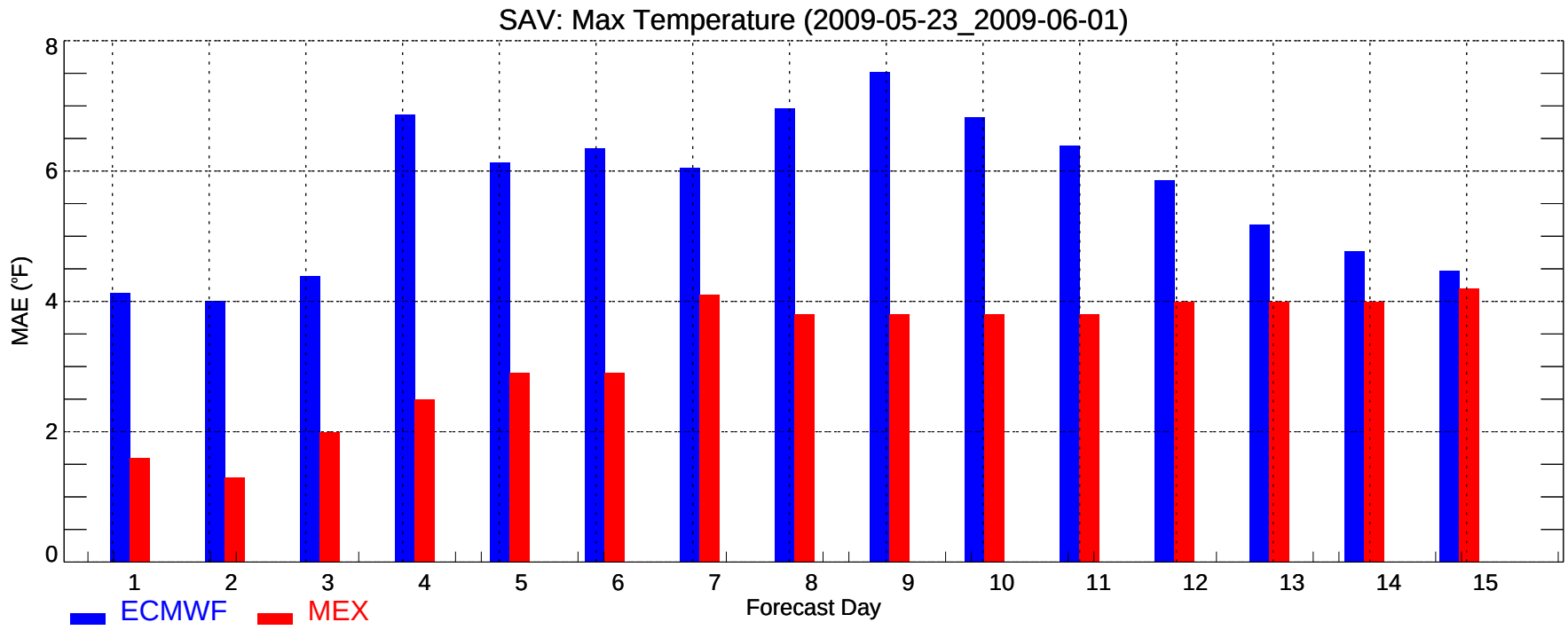
Forecast Day
ECMWF
MEX


SAV: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
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5
6
7
8
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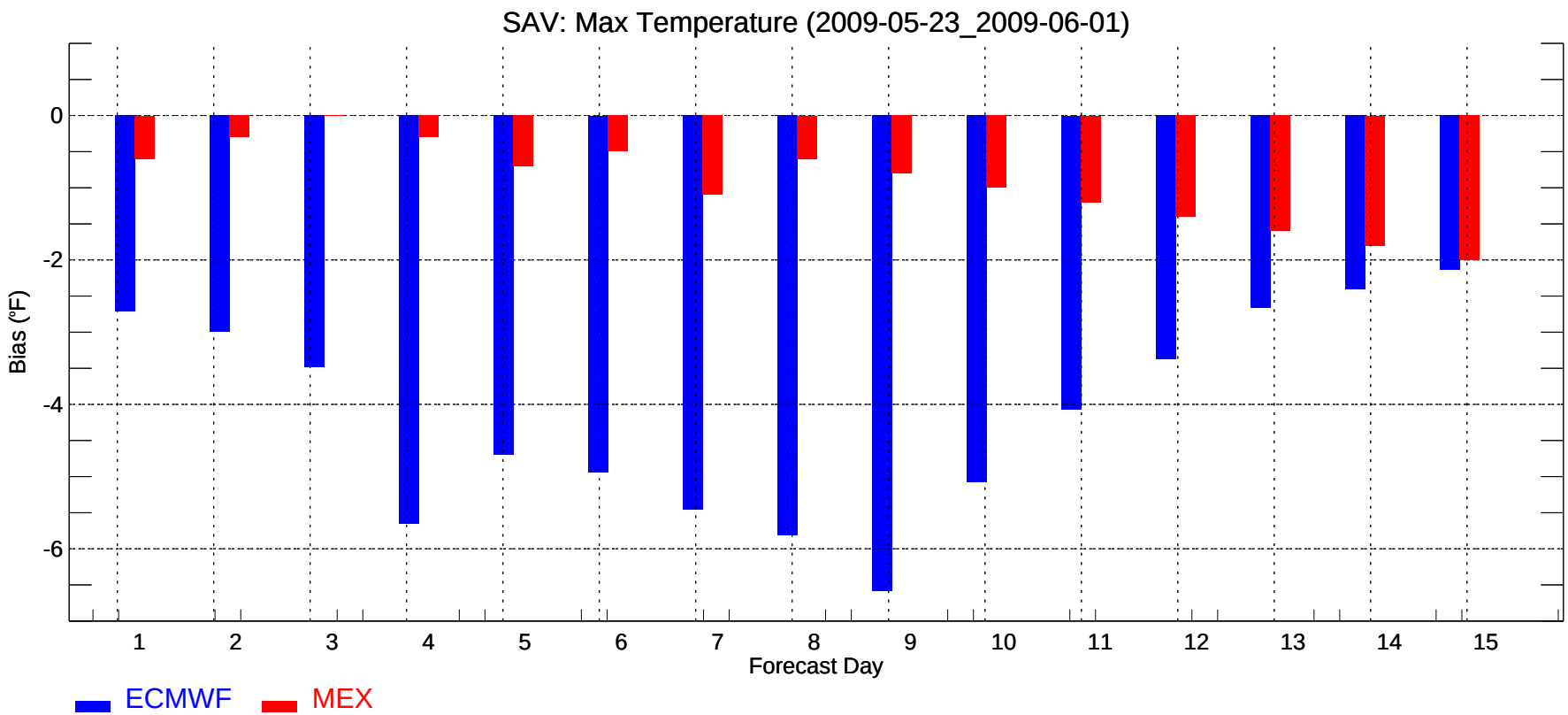
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAV: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
1
2
3
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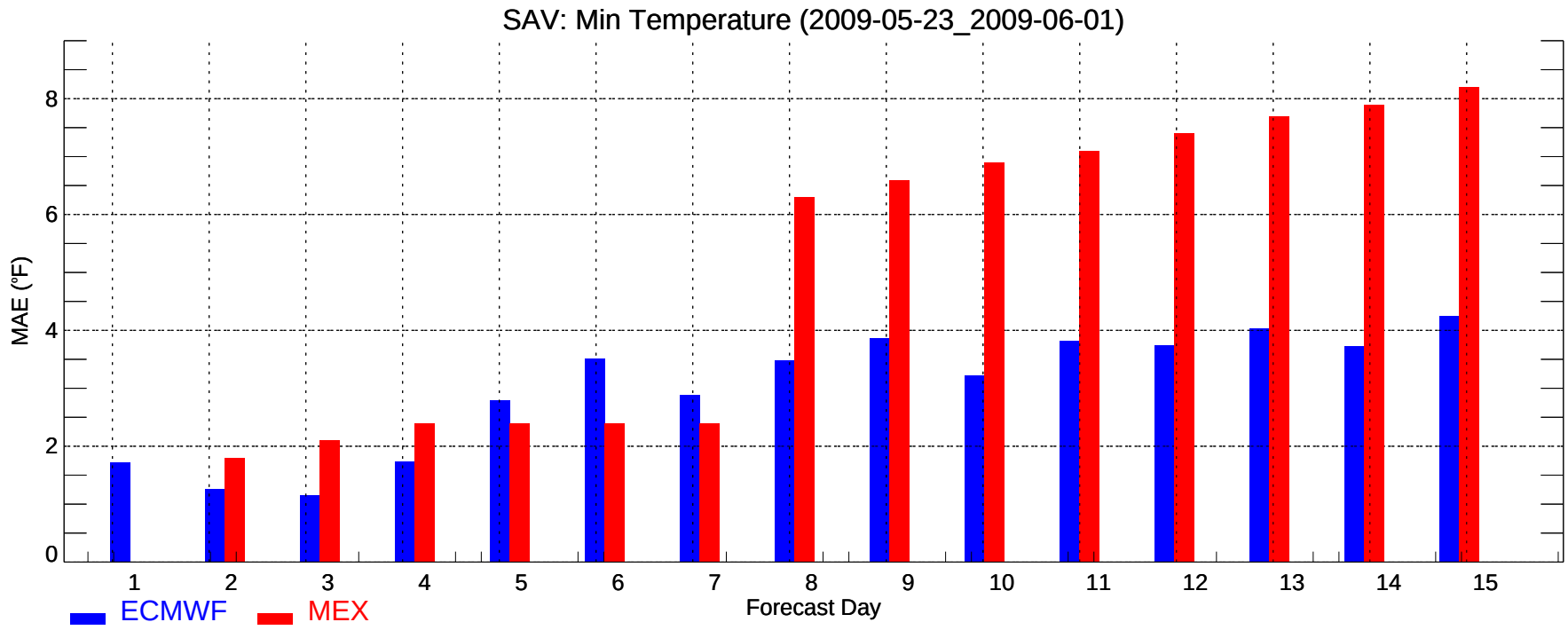
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAV: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
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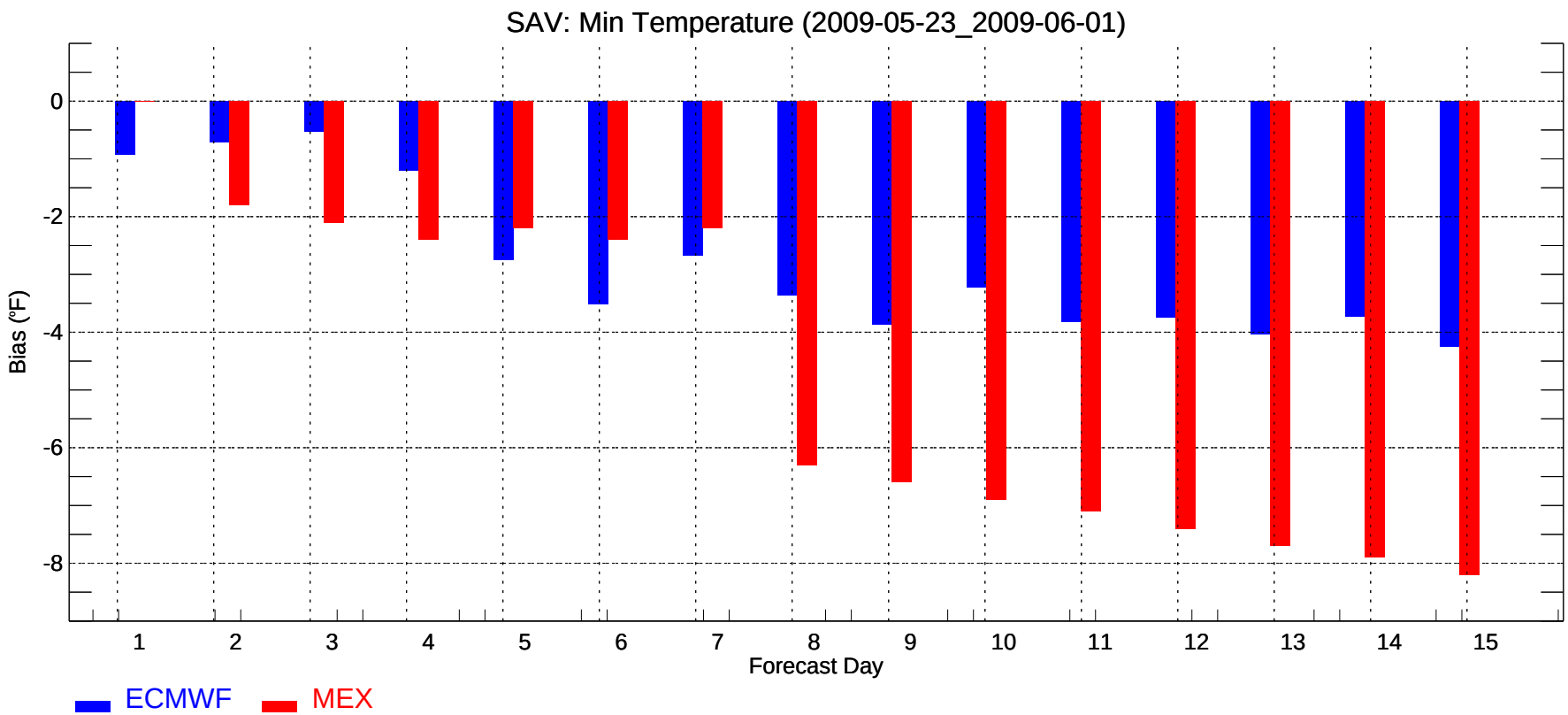
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SAV: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
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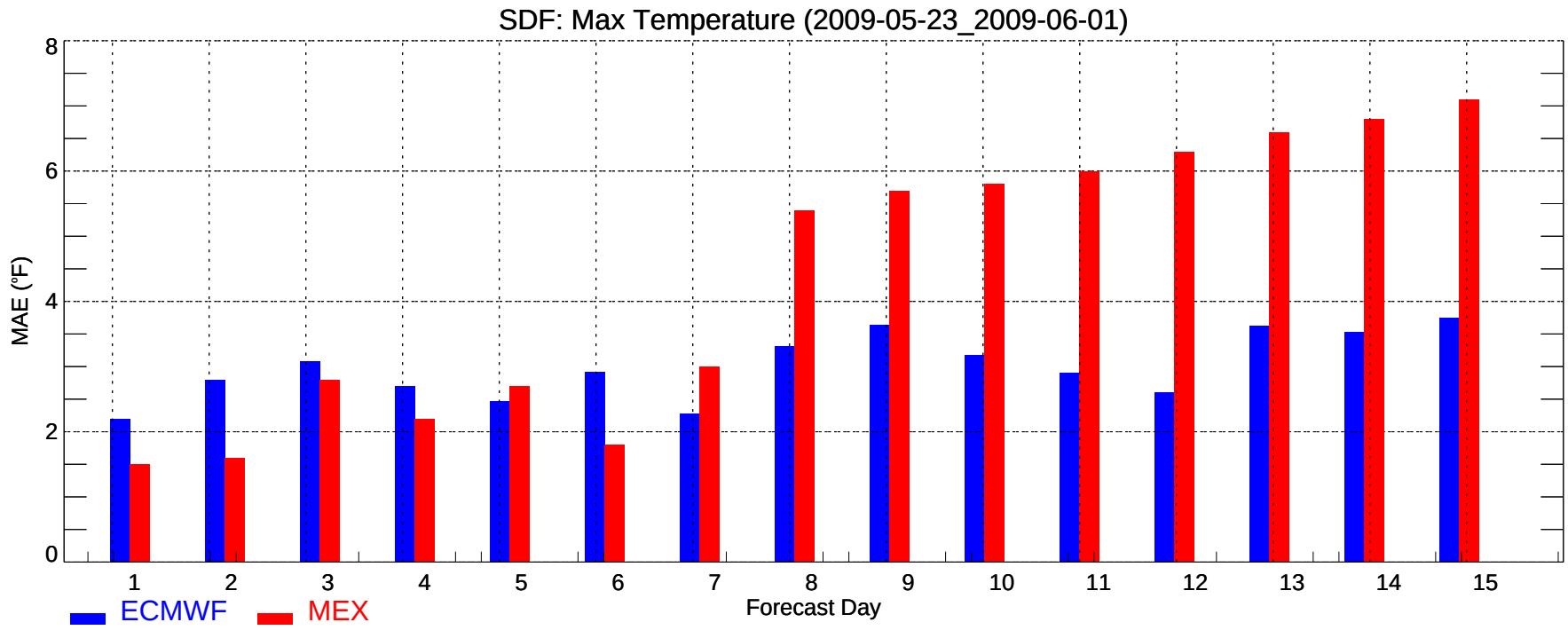
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SDF: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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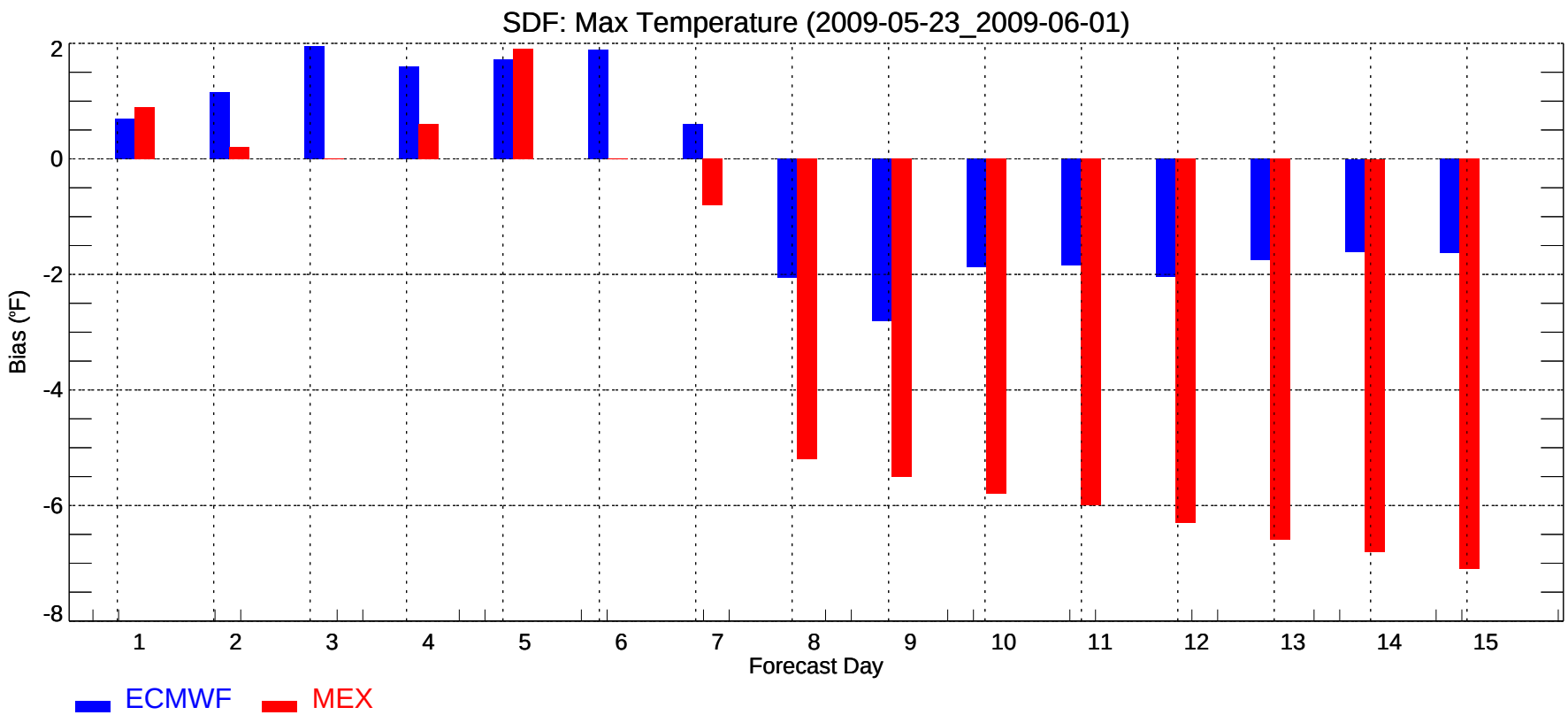
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SDF: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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5
6
7
8
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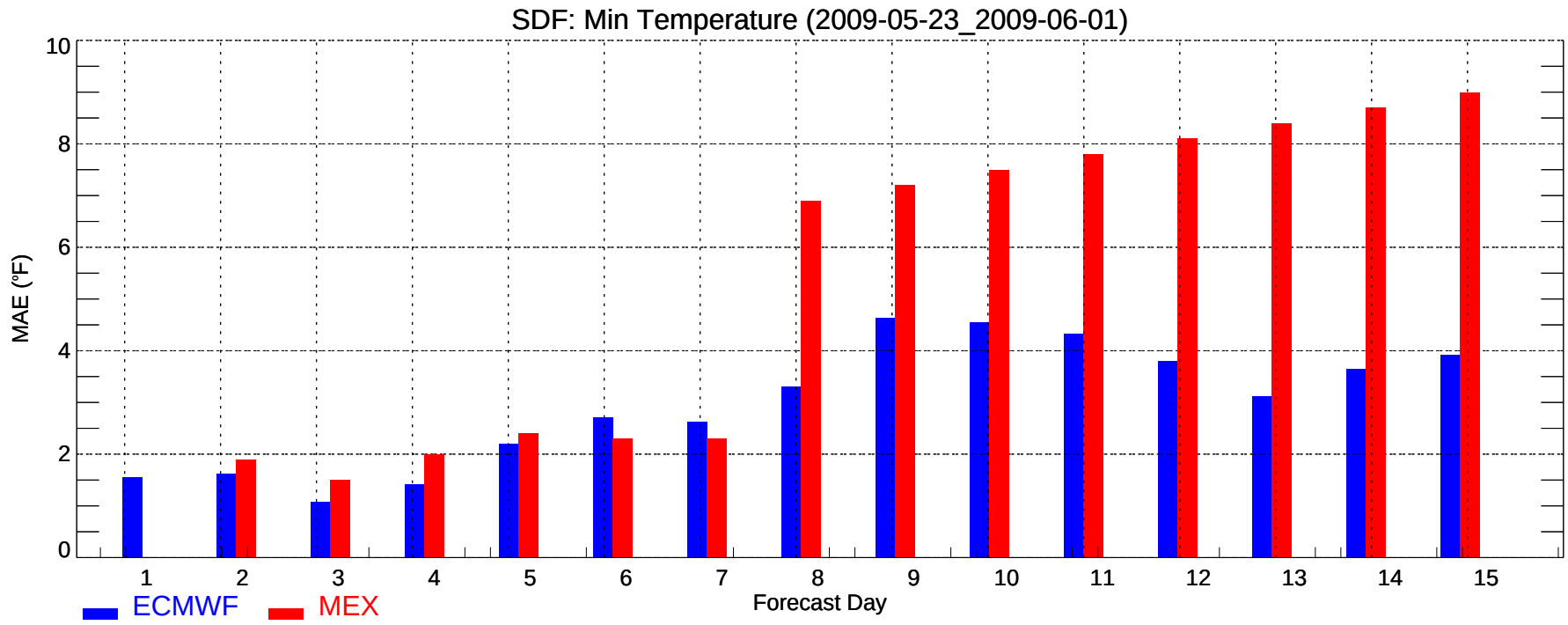
11
12
13
14
15
Forecast Day
ECMWF
MEX


SDF: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
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6
7
8
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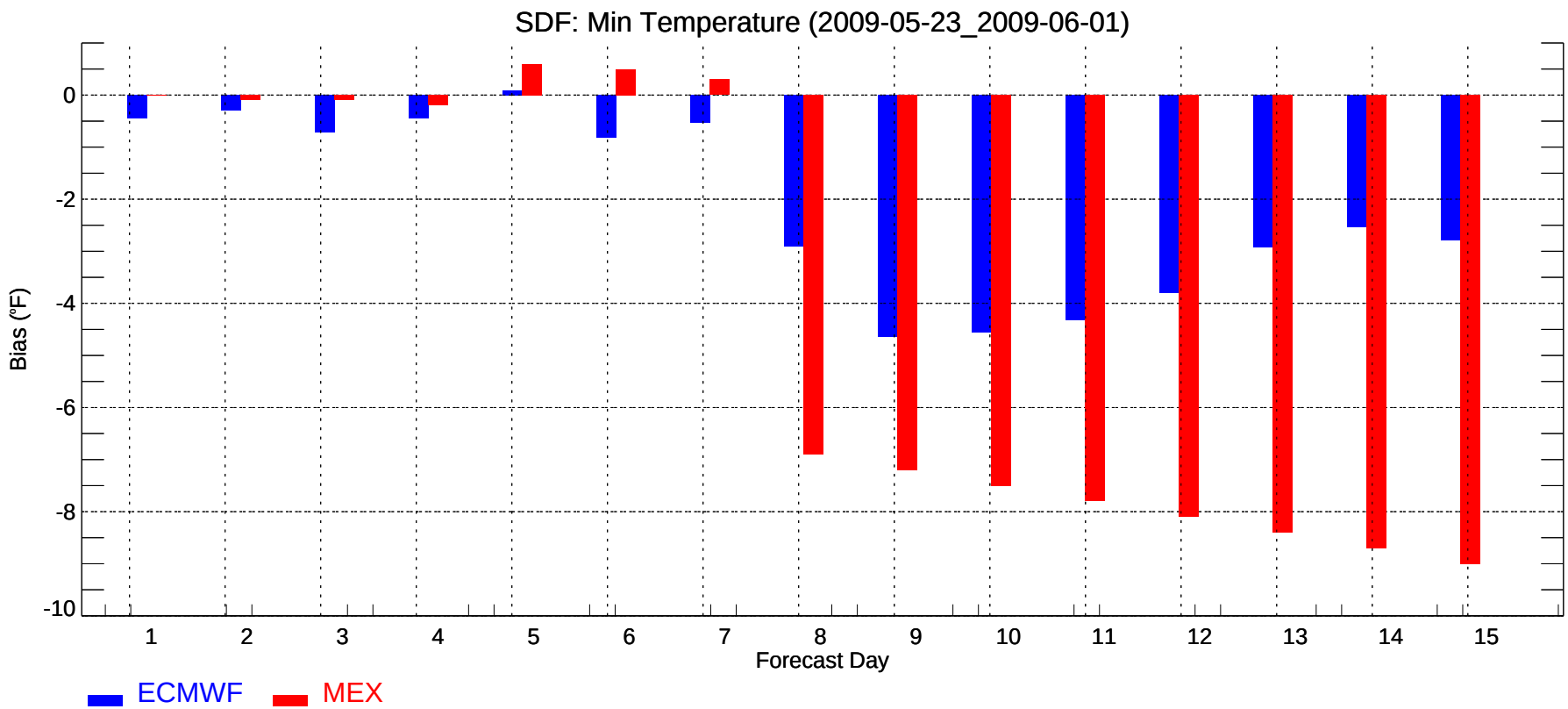
11
12
13
14
15
Forecast Day
ECMWF
MEX


SDF: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
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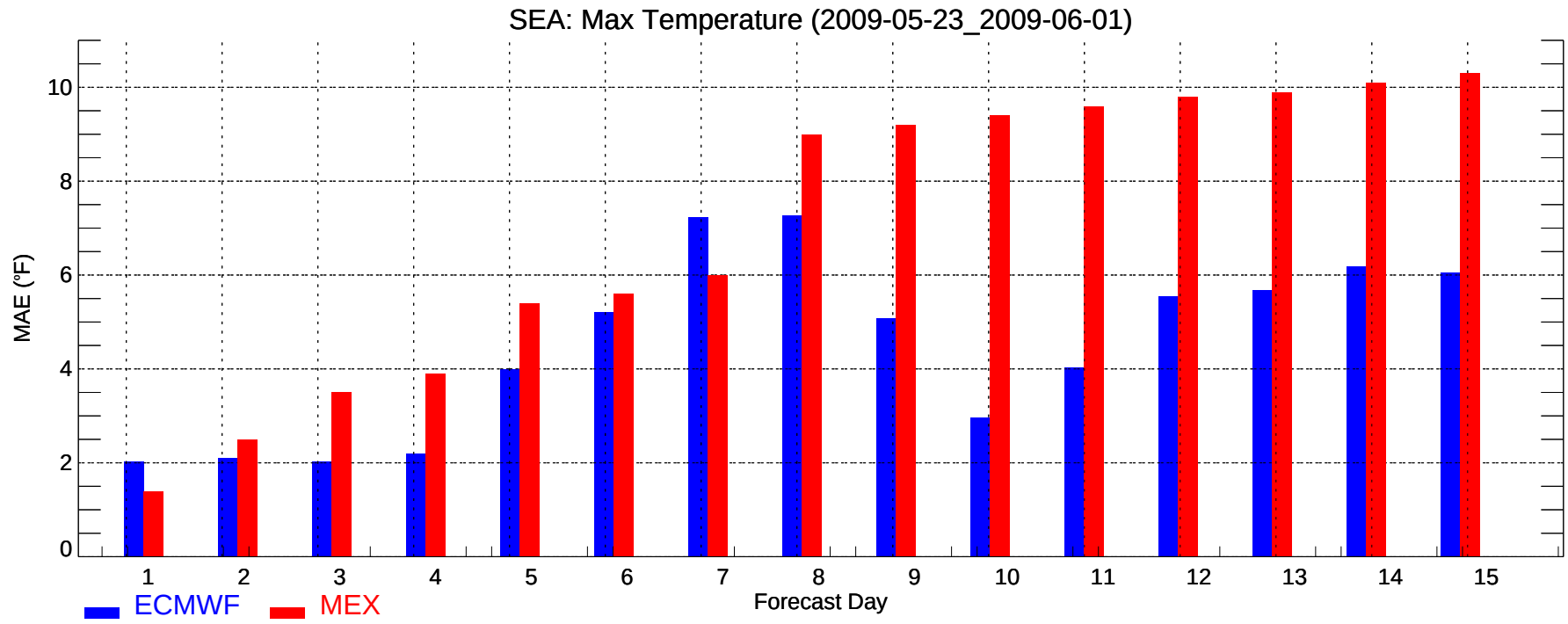
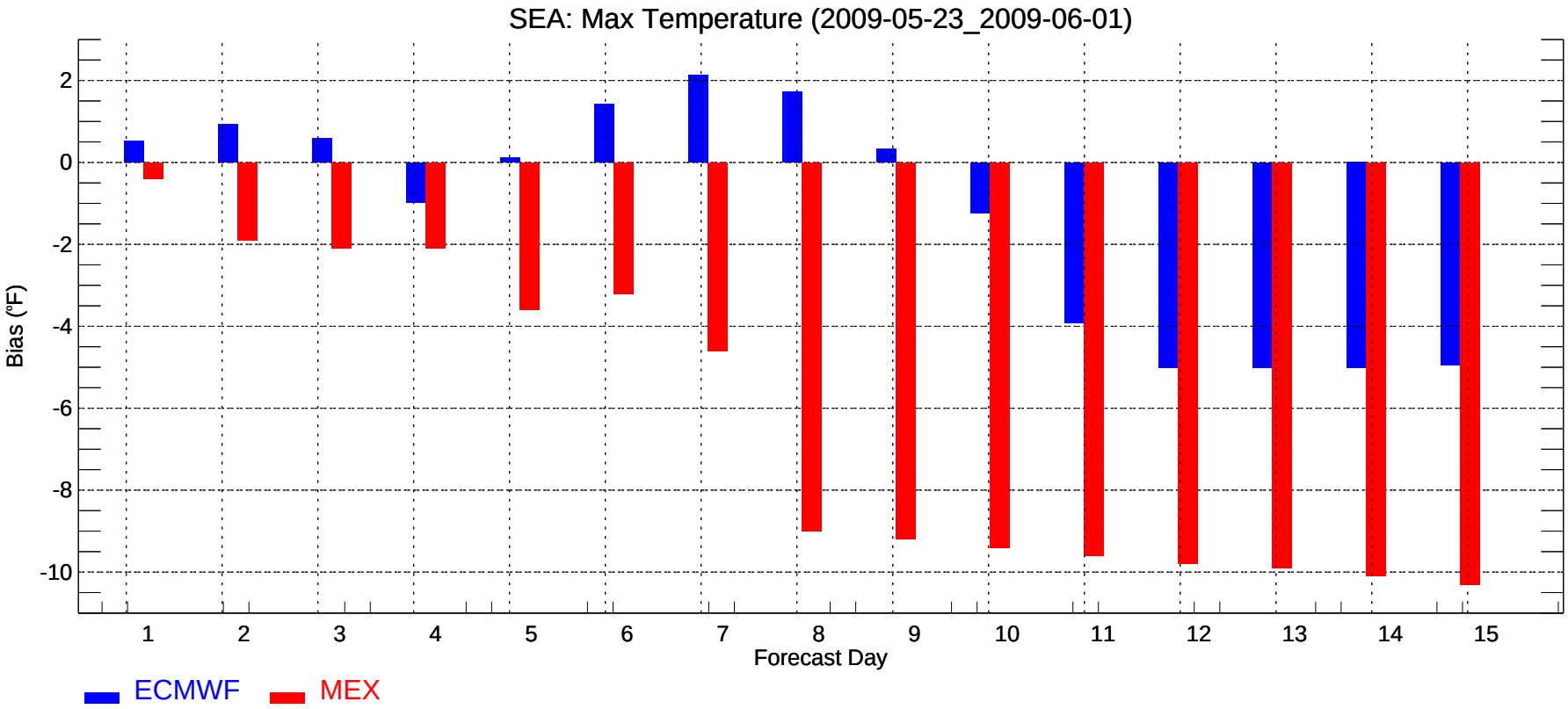
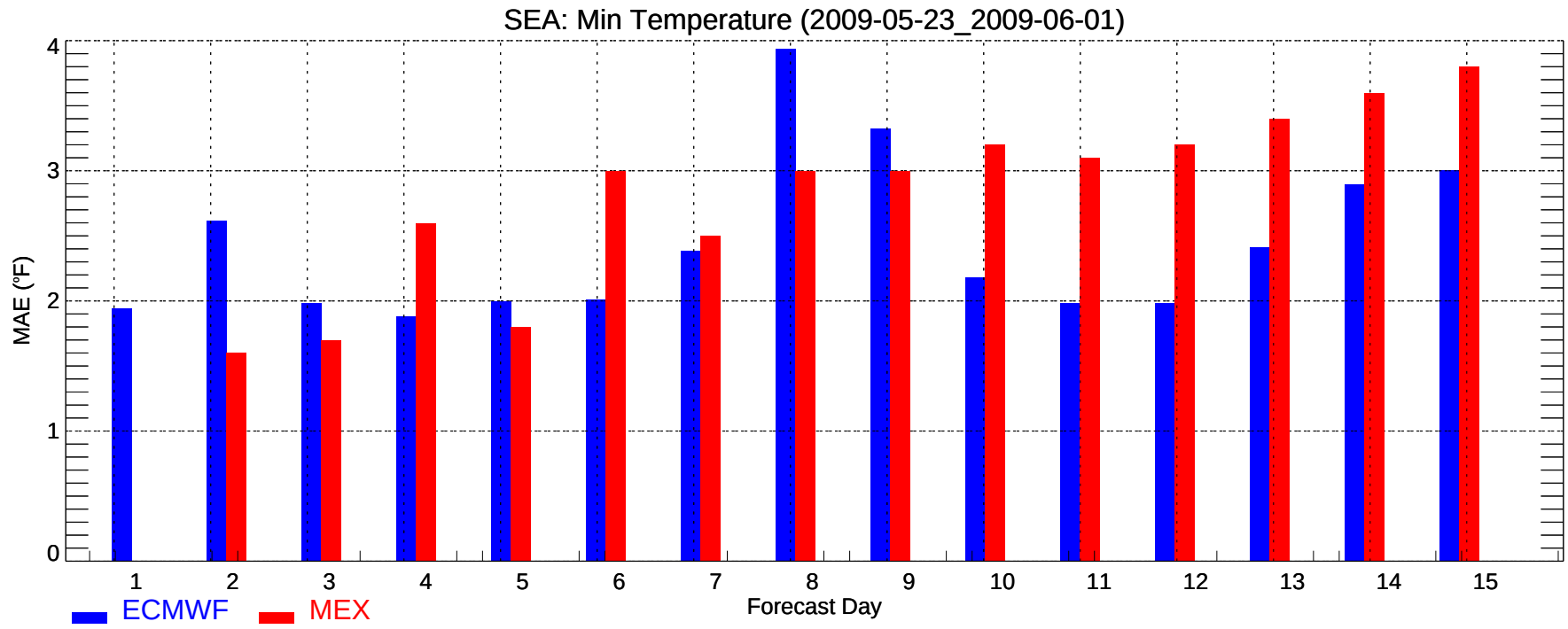
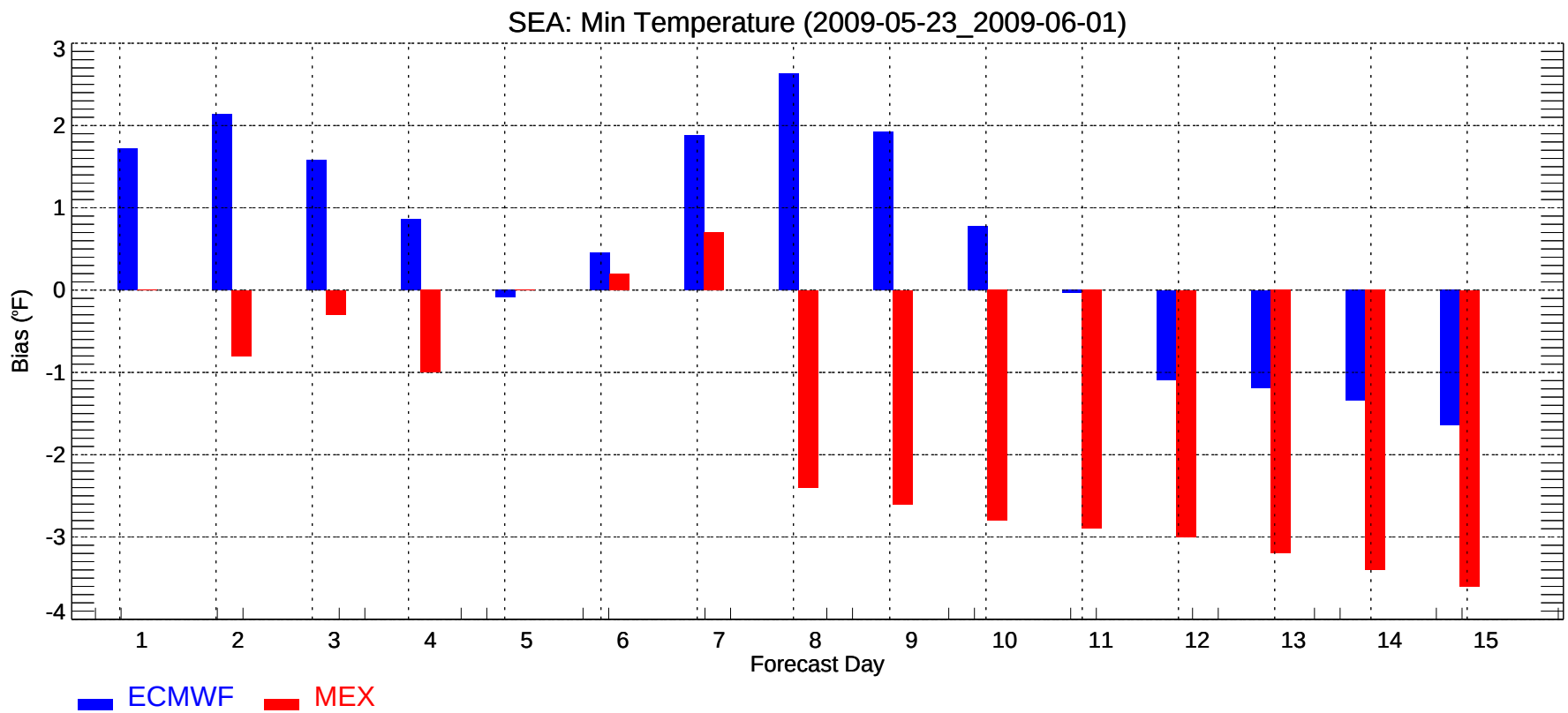
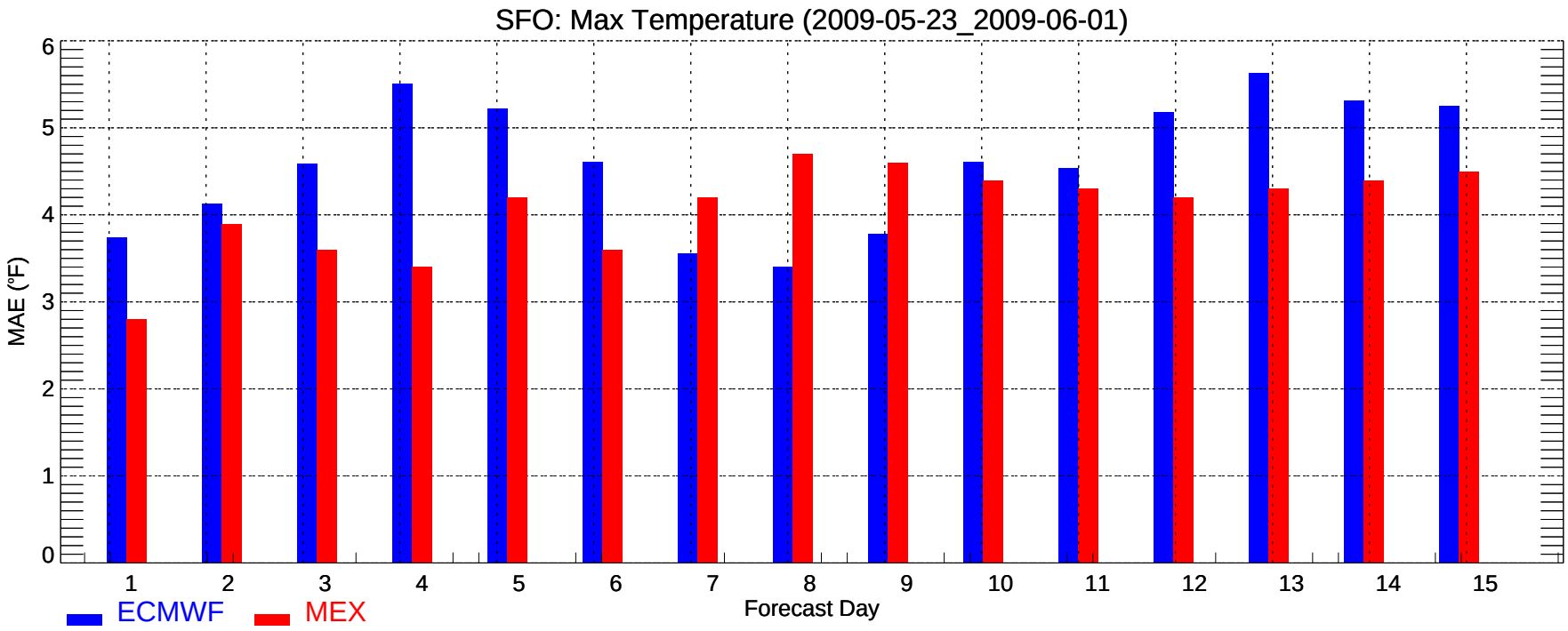
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

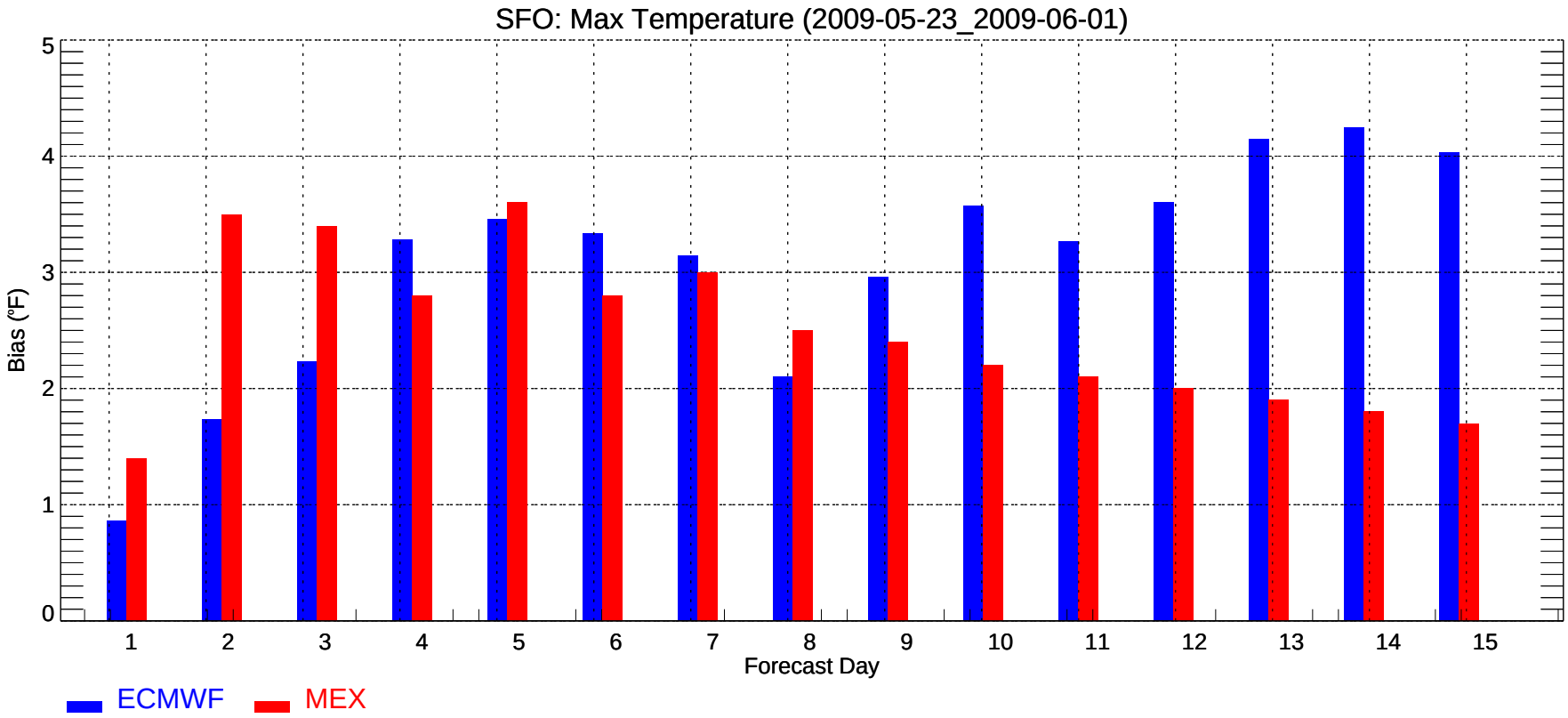

SEA: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SEA: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SEA: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SEA: Min Temperature (2009-05-23_2009-06-01)
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


SFO: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SFO: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
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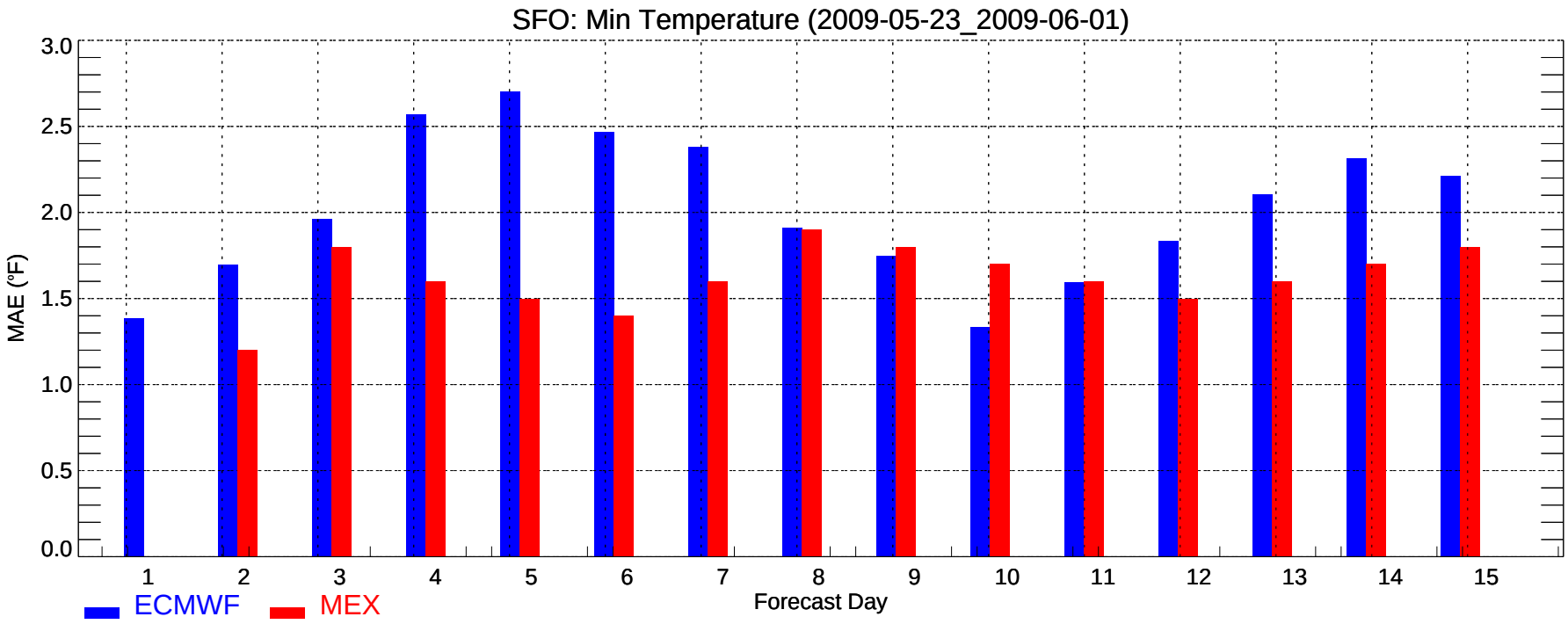
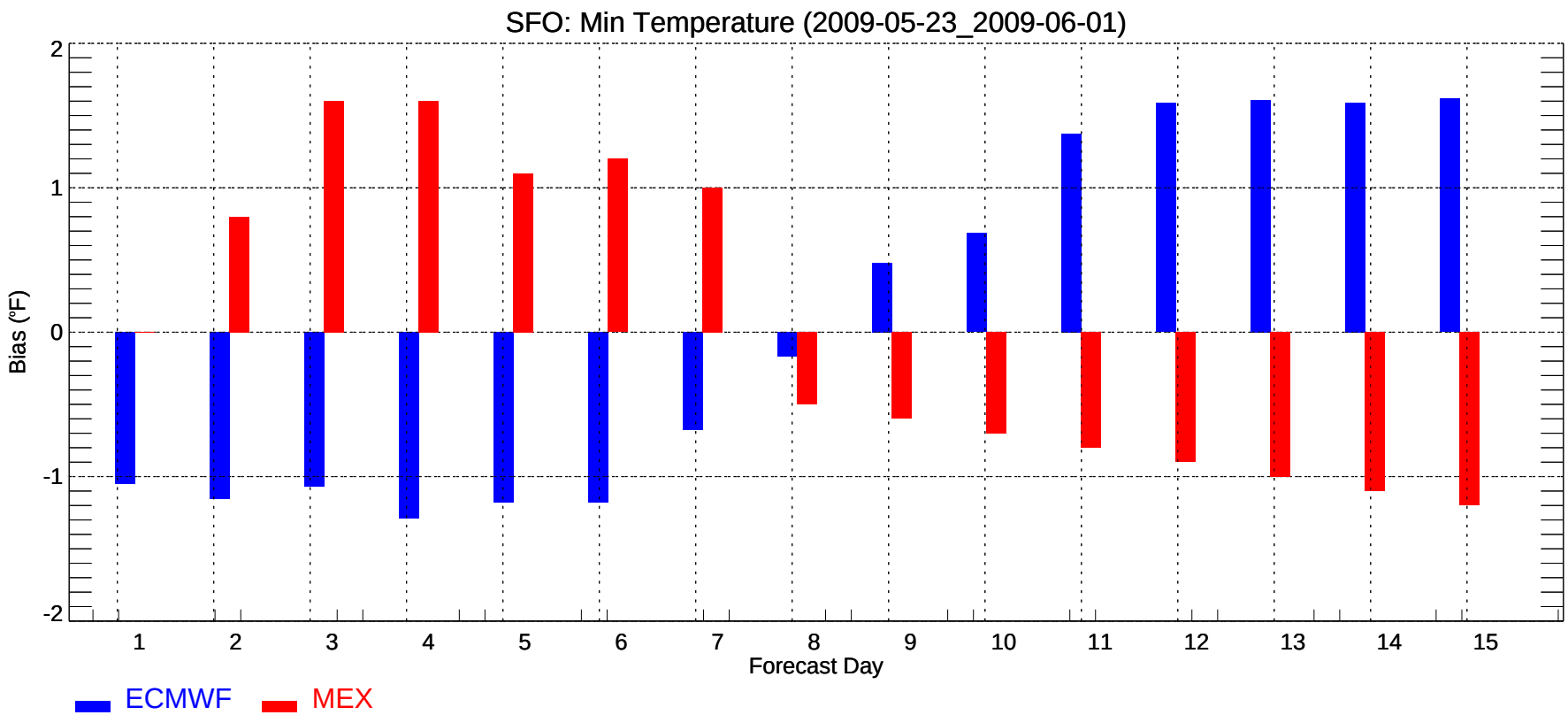
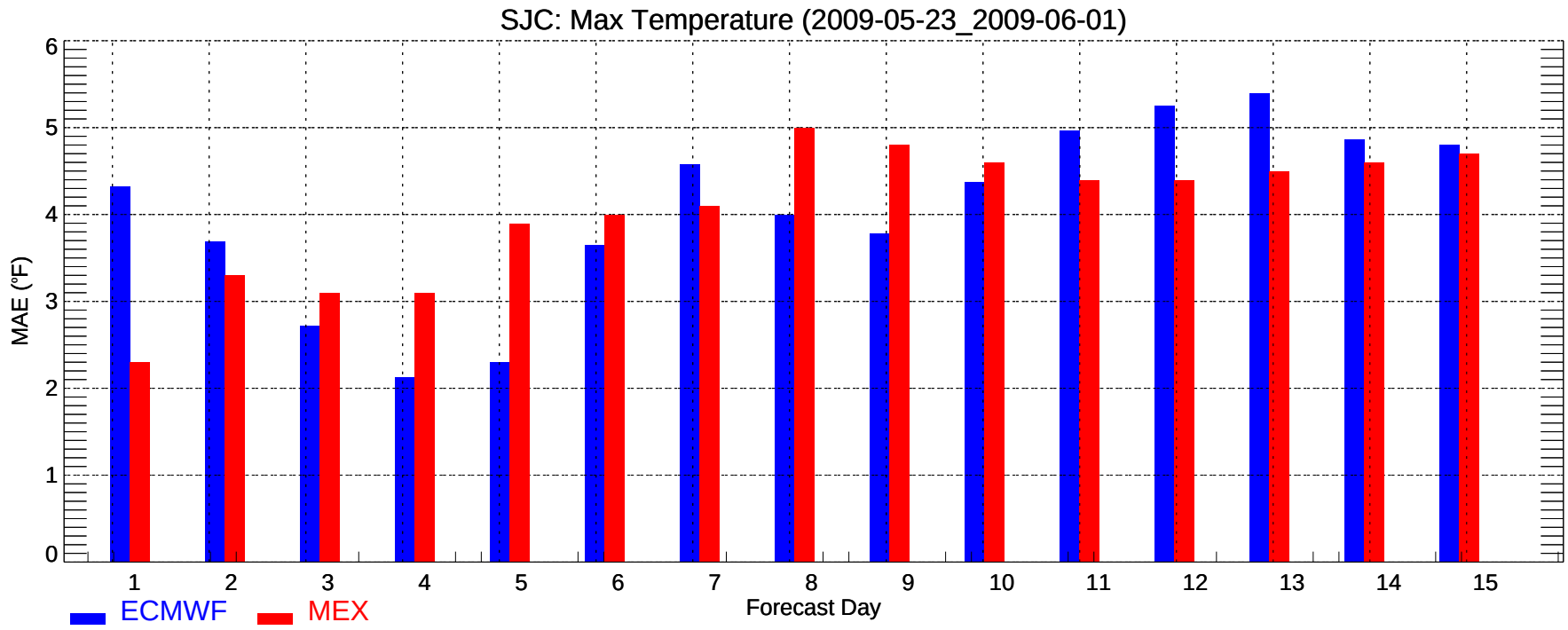
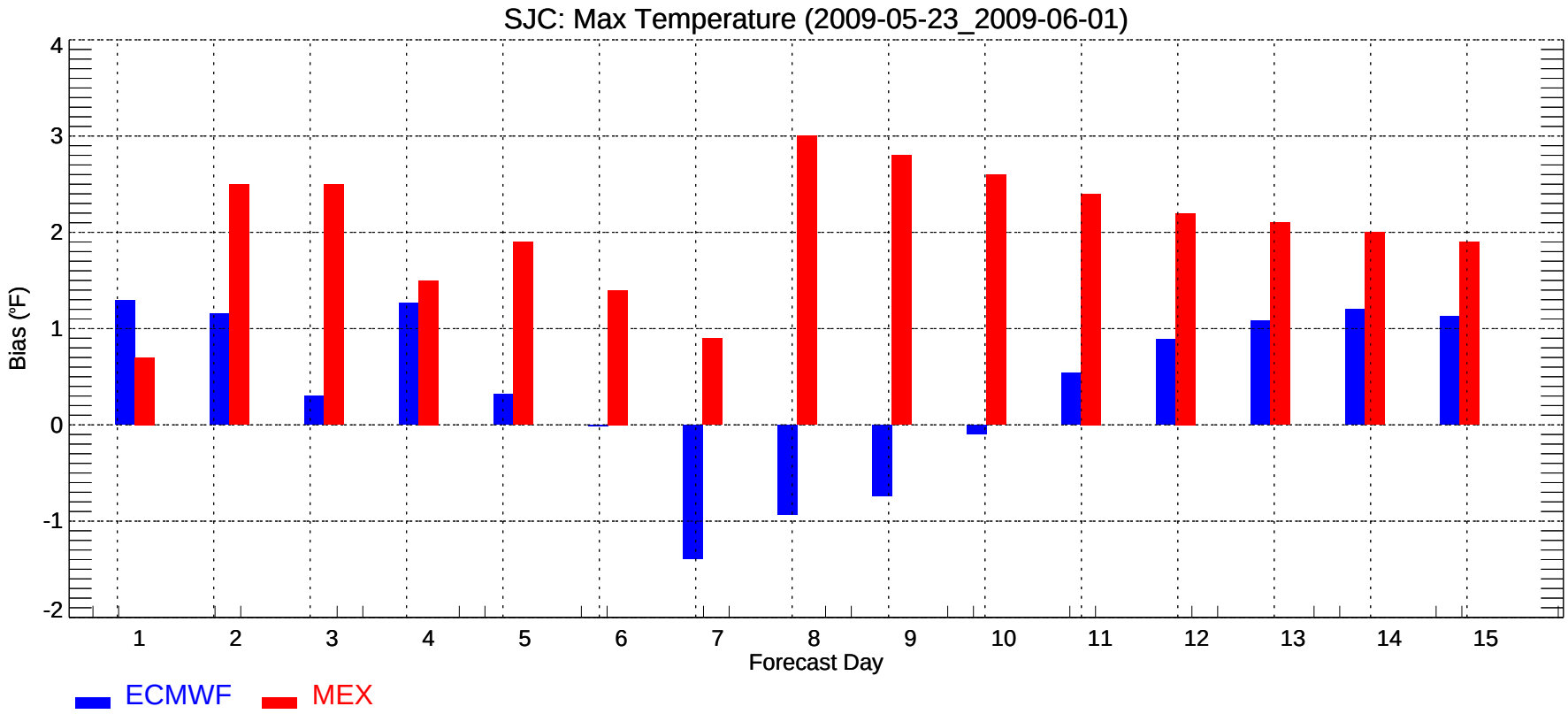
11
12
13
14
15
Forecast Day
ECMWF
MEX


SFO: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX


SFO: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
1
0
-1
-2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX


SJC: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJC: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
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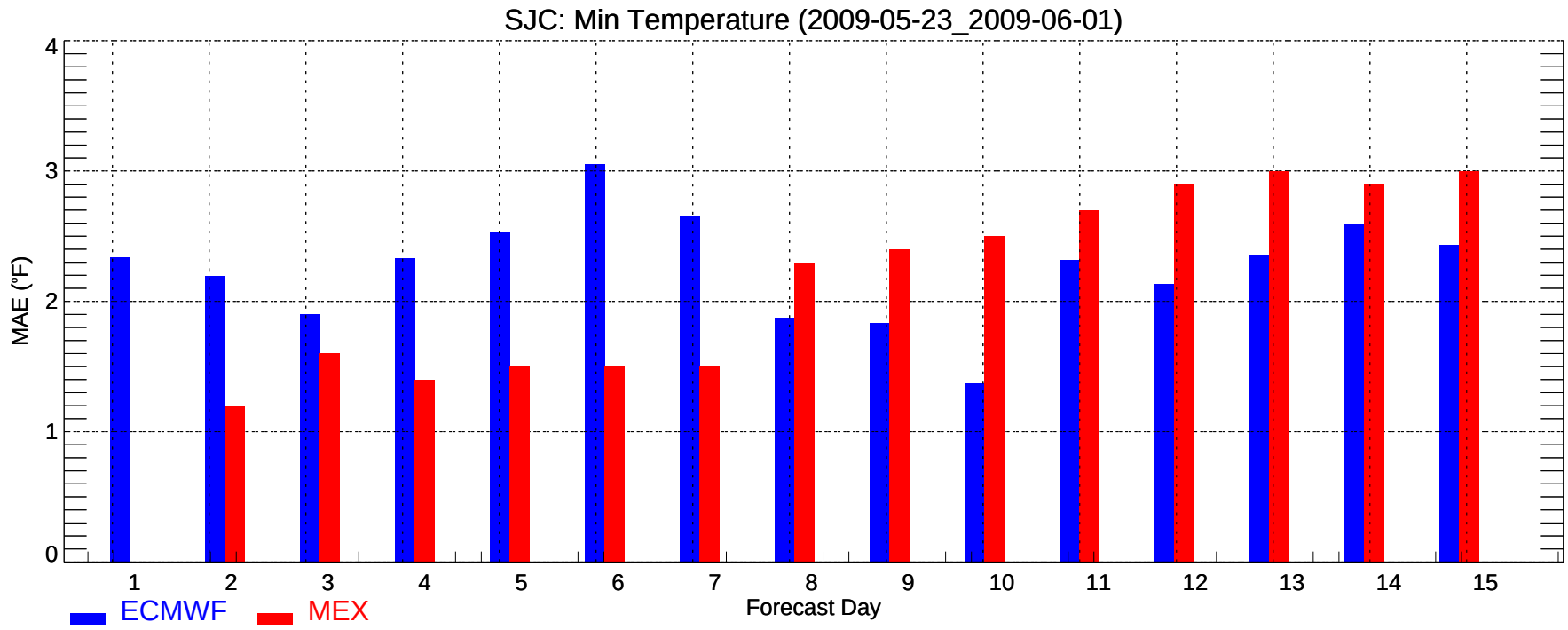
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJC: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
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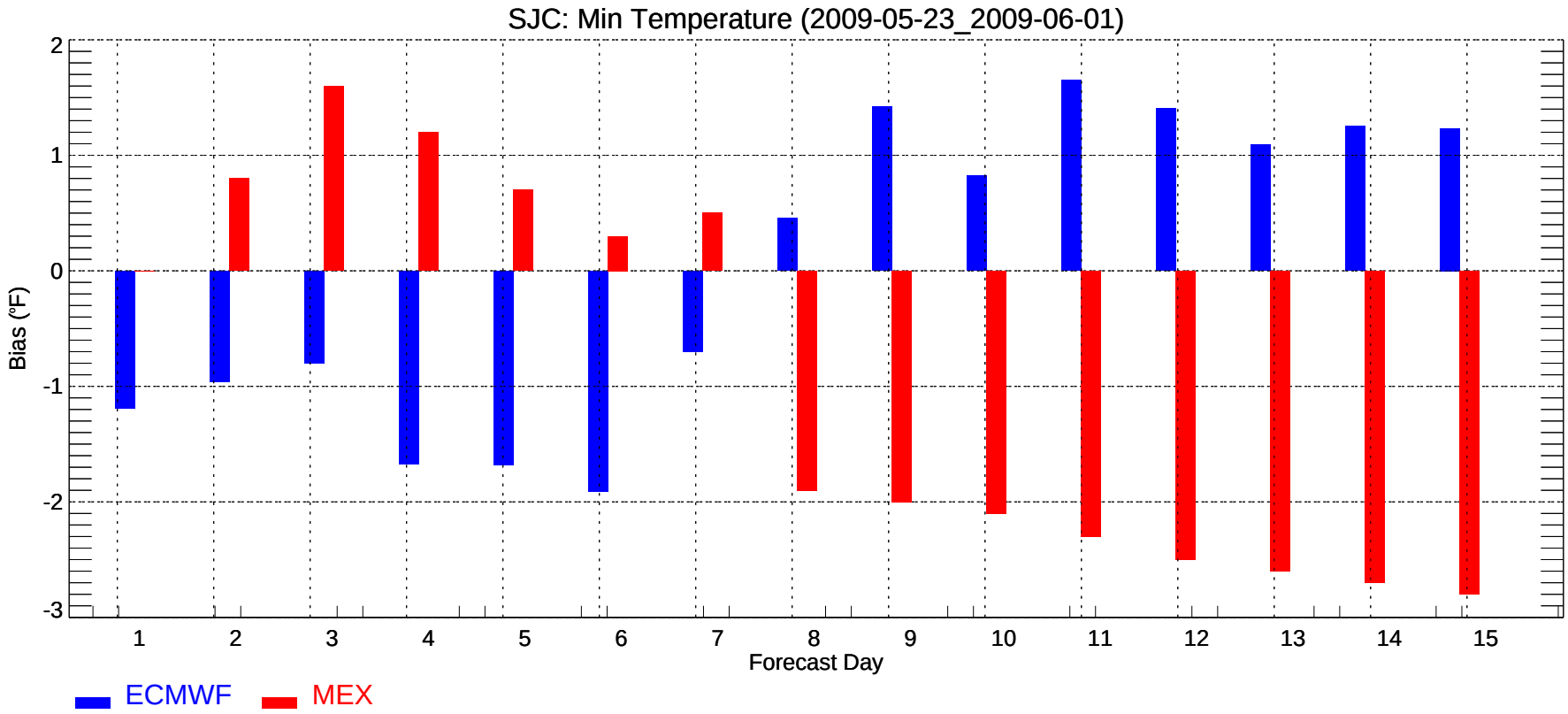
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJC: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
1
0
-1
-2
-3
1
2
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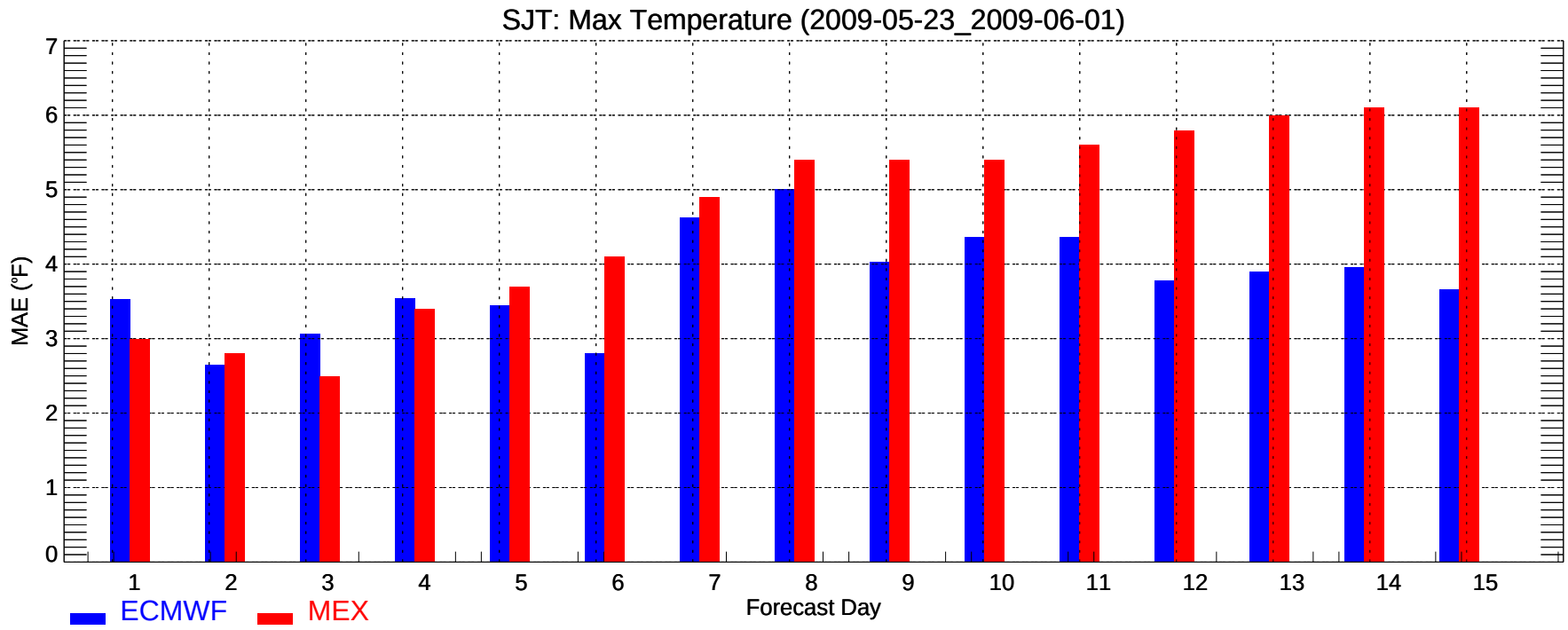
Forecast Day
ECMWF
MEX


SJT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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1
2
3
4
5
6
7
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6
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8
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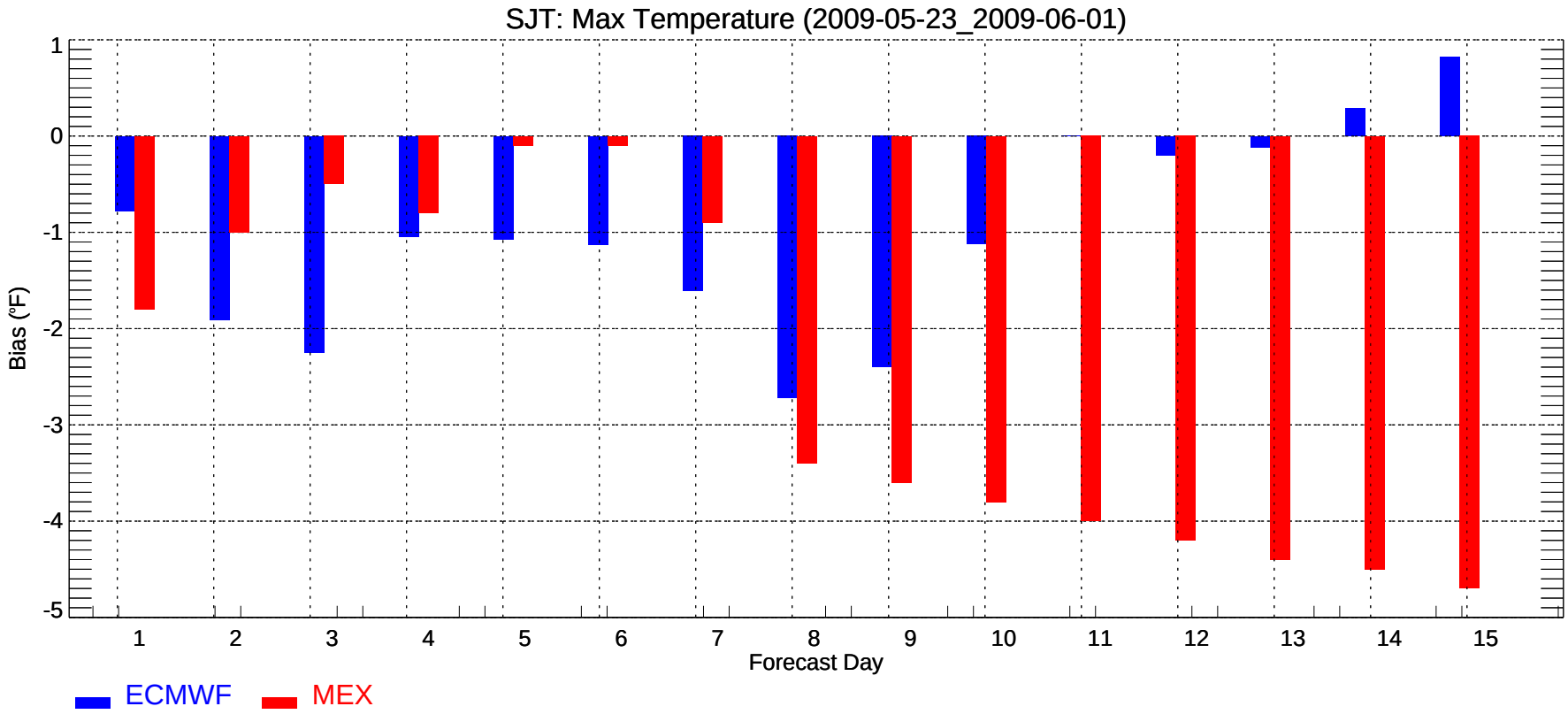
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
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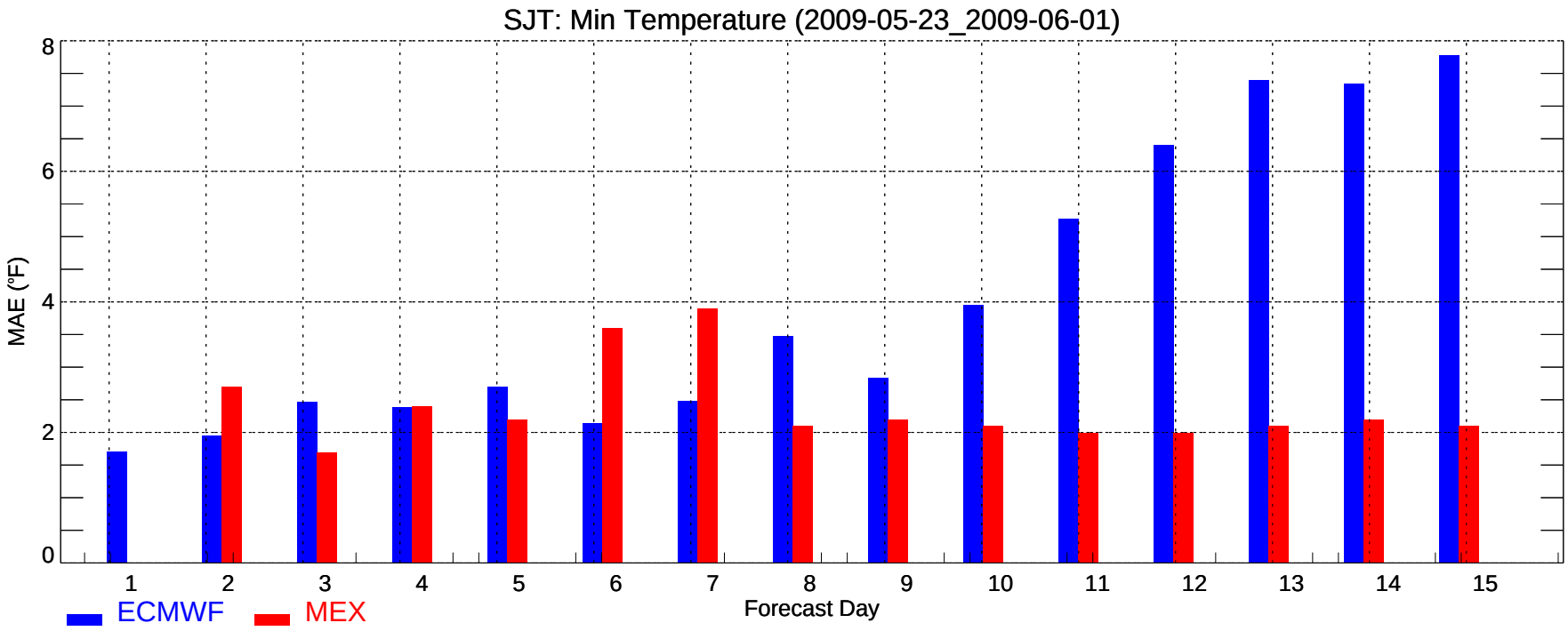
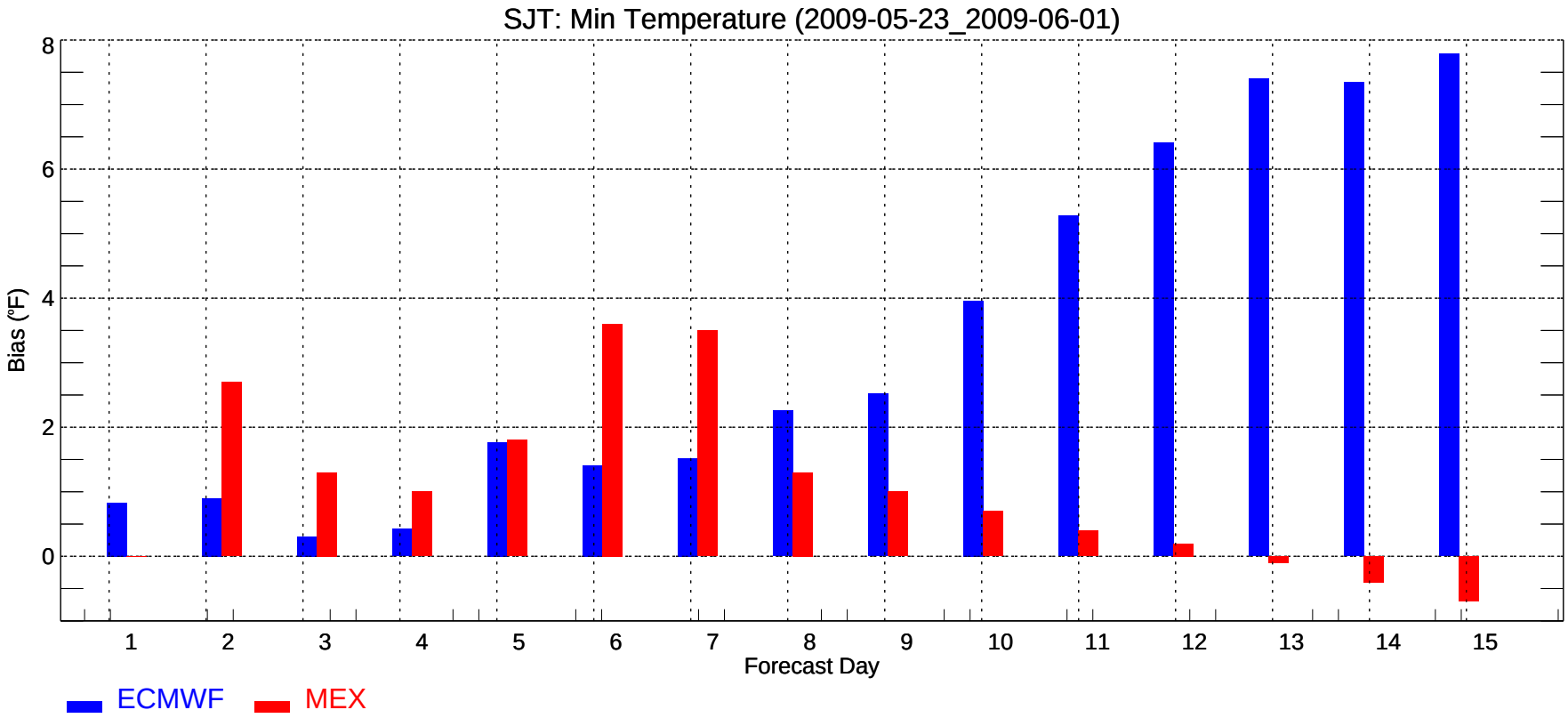
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
1
2
3
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5
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11
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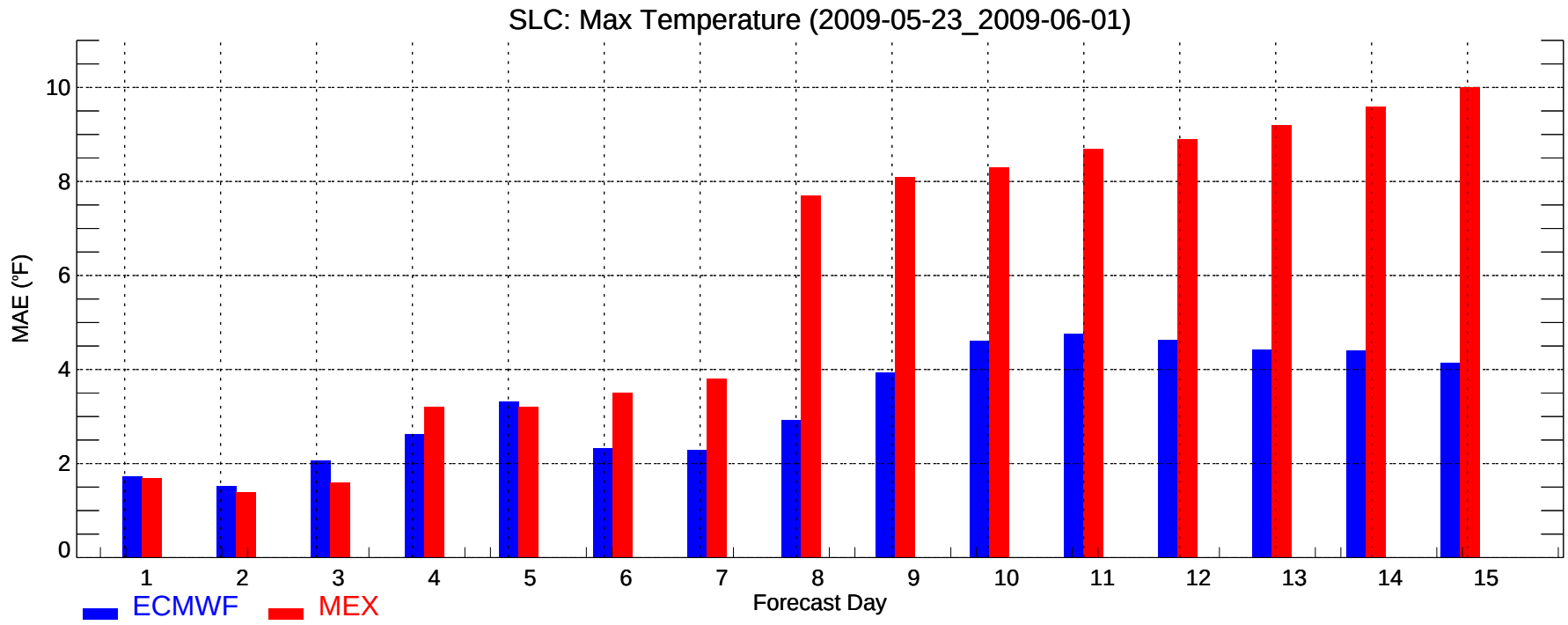
15
Forecast Day
ECMWF
MEX


SLC: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
1
2
3
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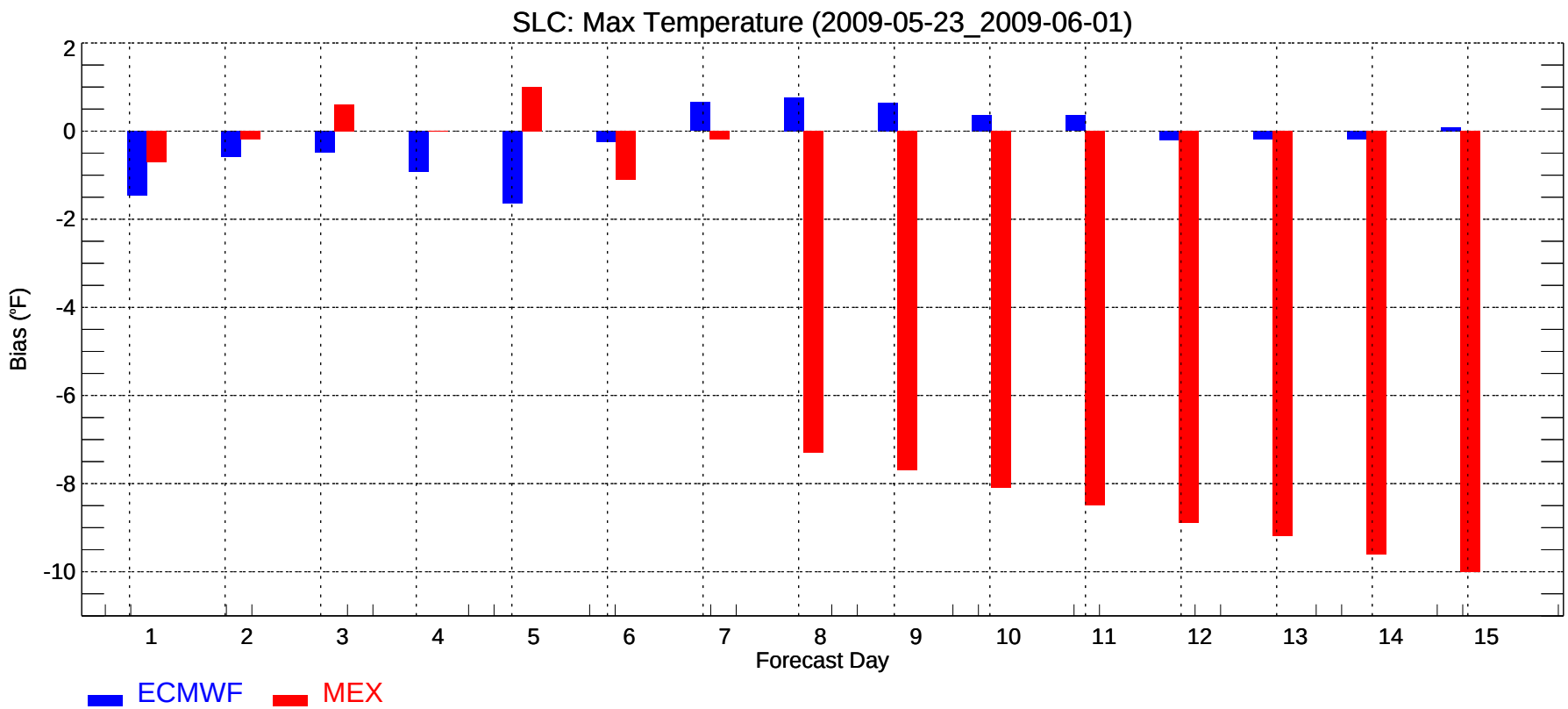
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SLC: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
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11
12
13
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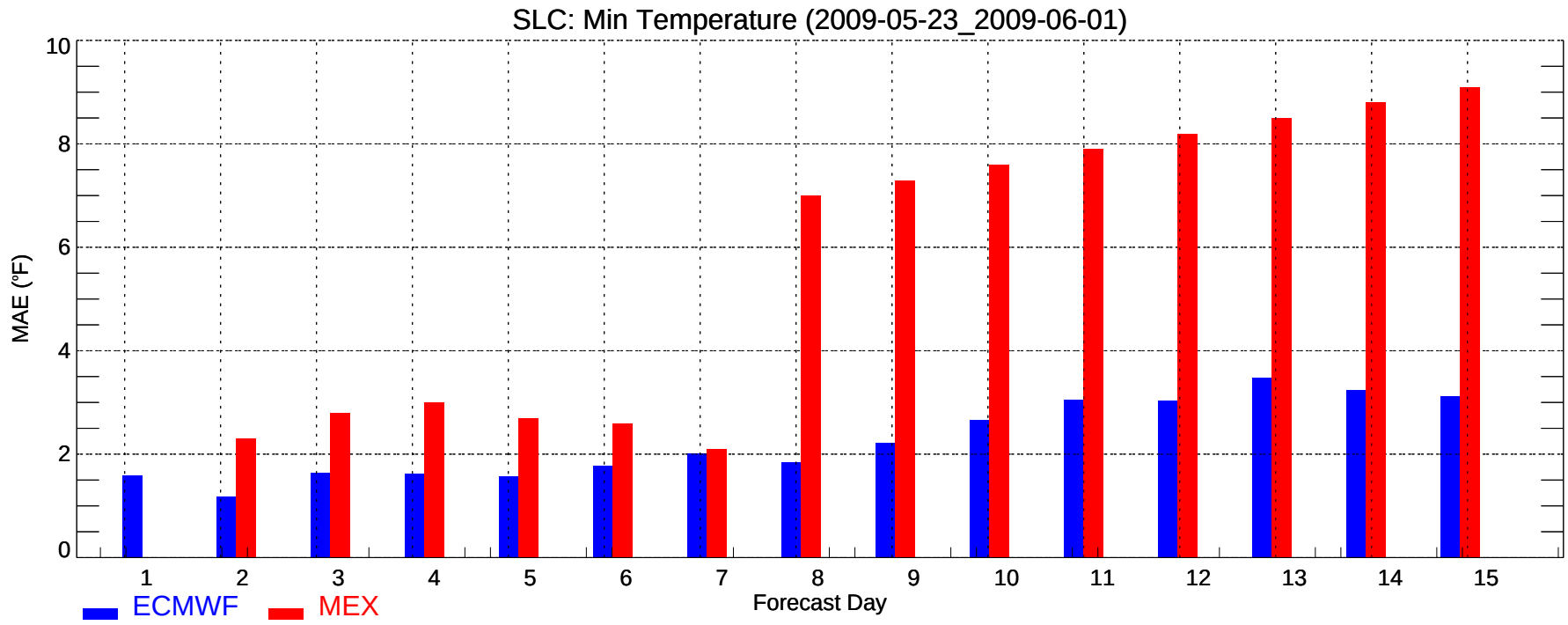
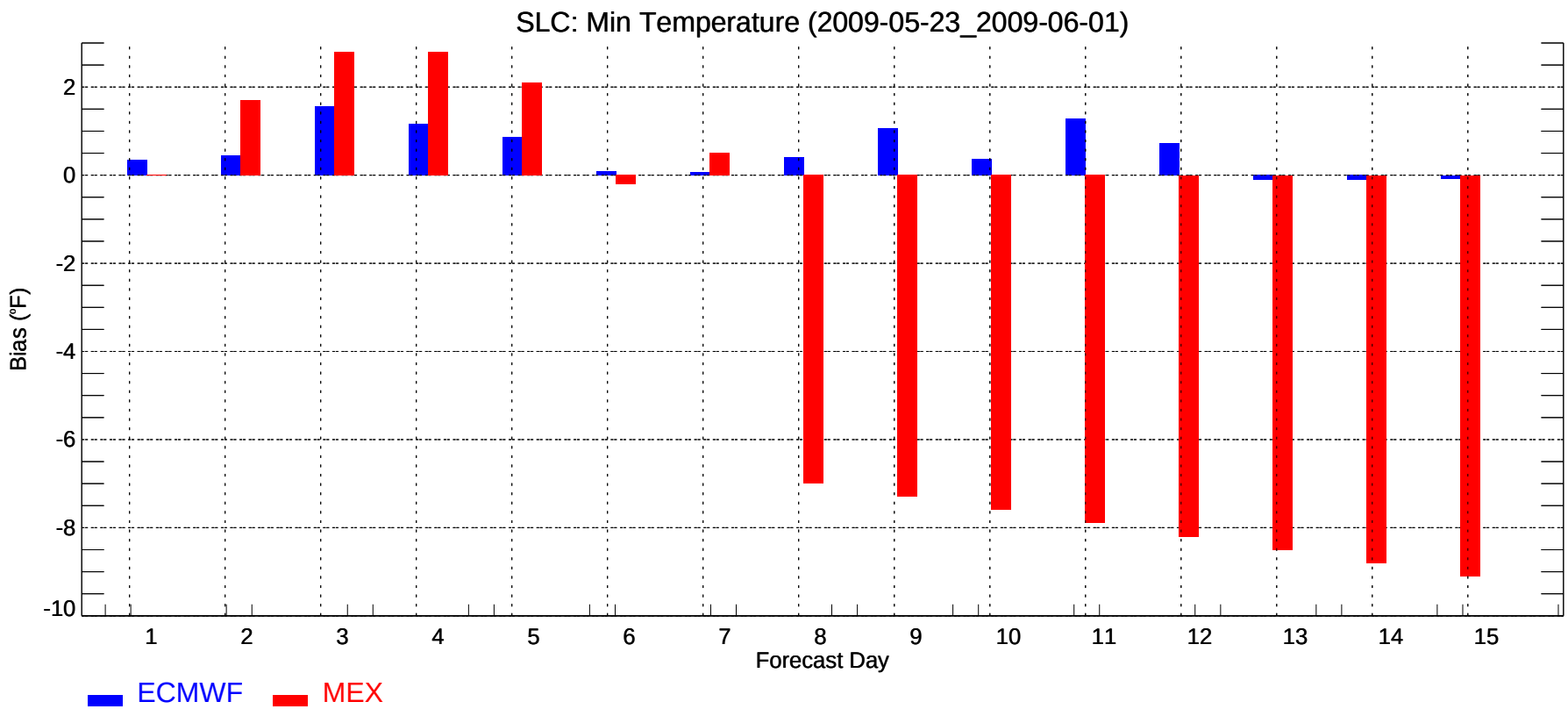
Forecast Day
ECMWF
MEX


SLC: Min Temperature (2009-05-23_2009-06-01)
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


SLC: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
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5
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11
12
13
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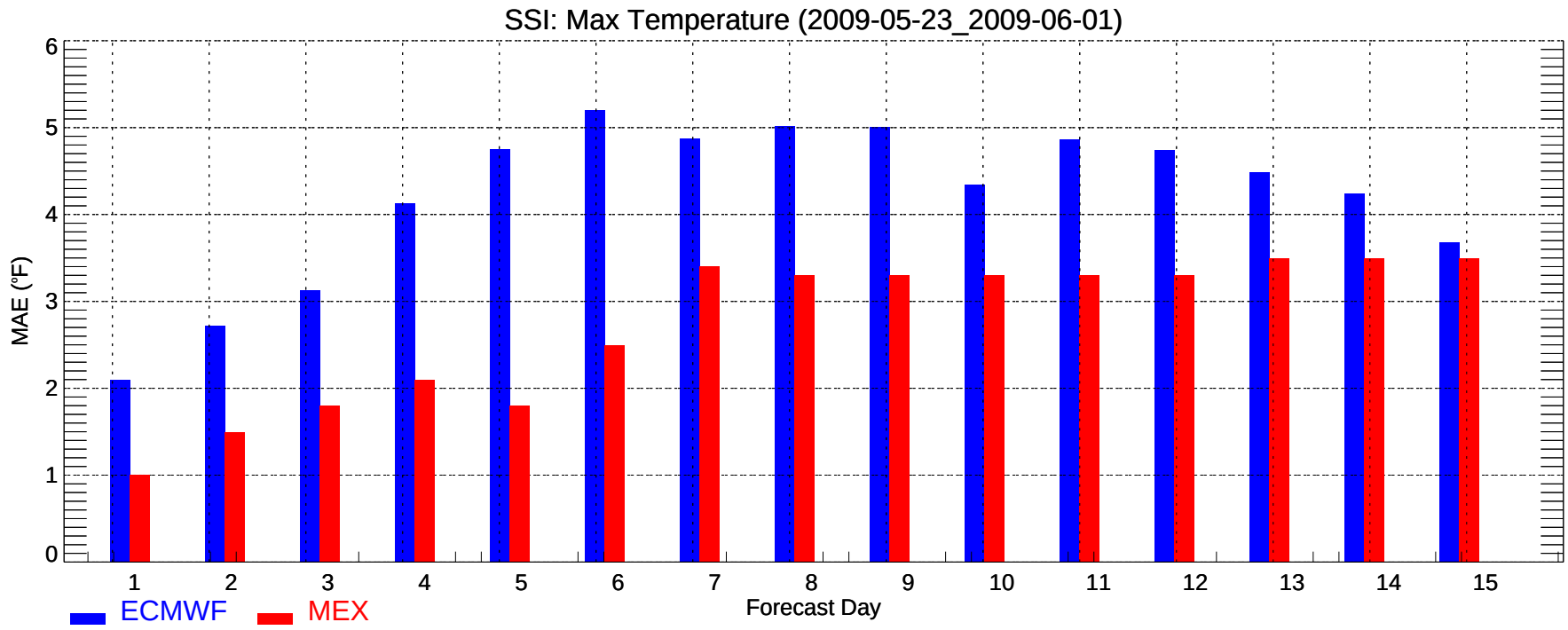
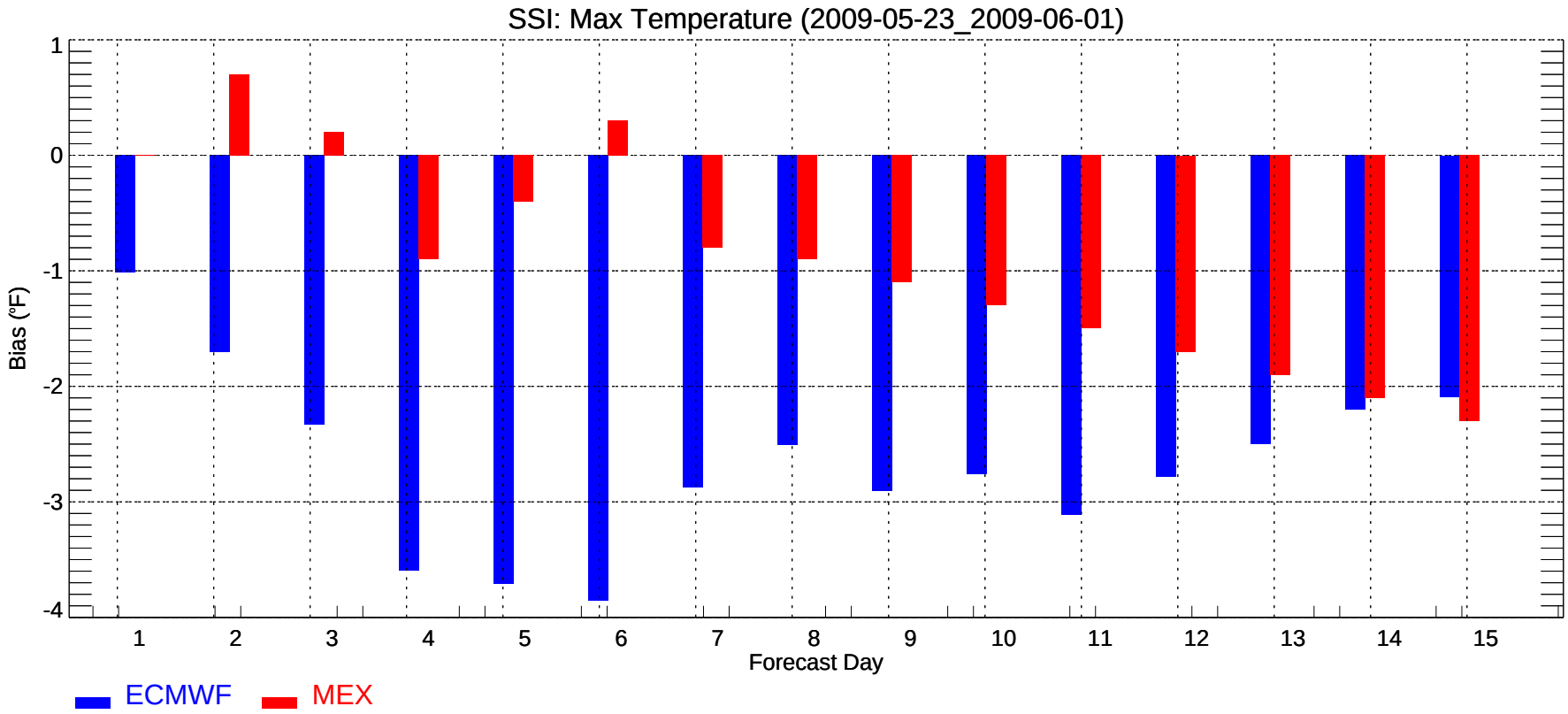
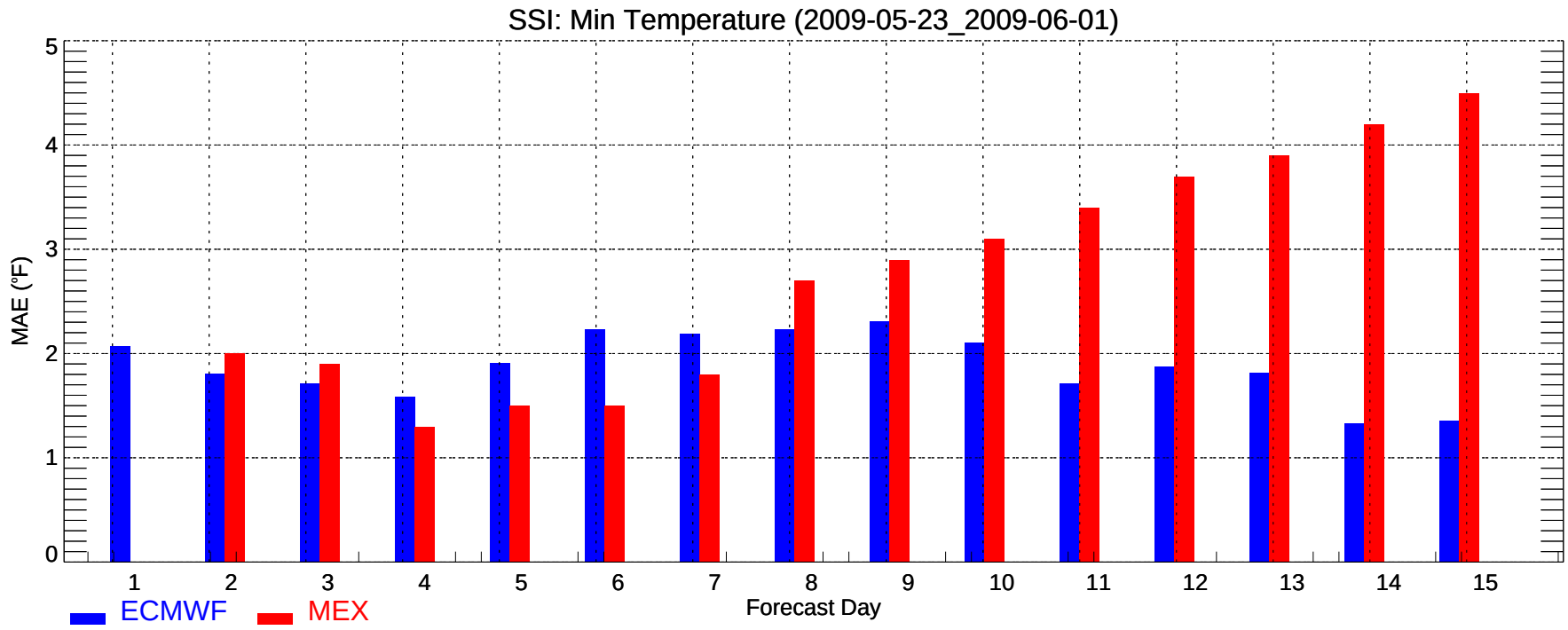
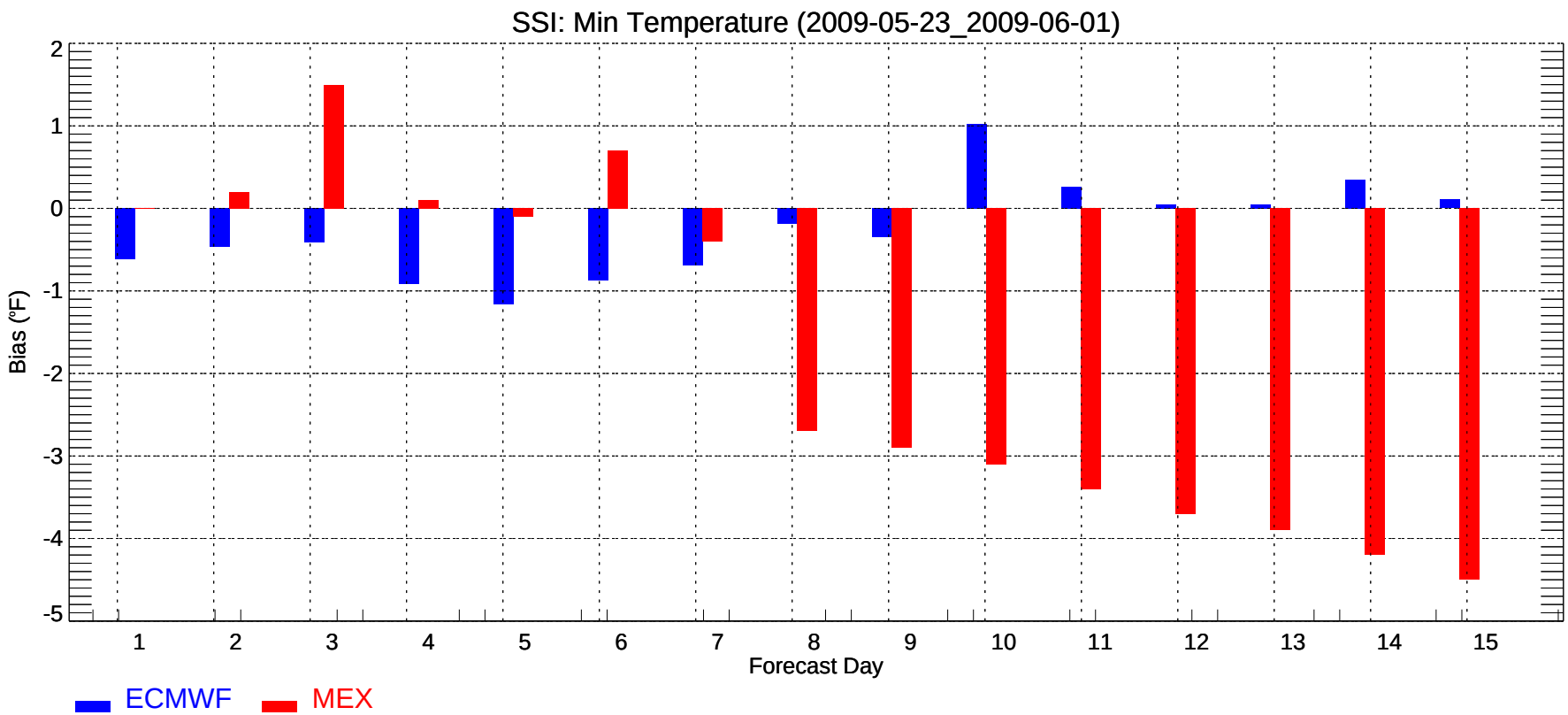
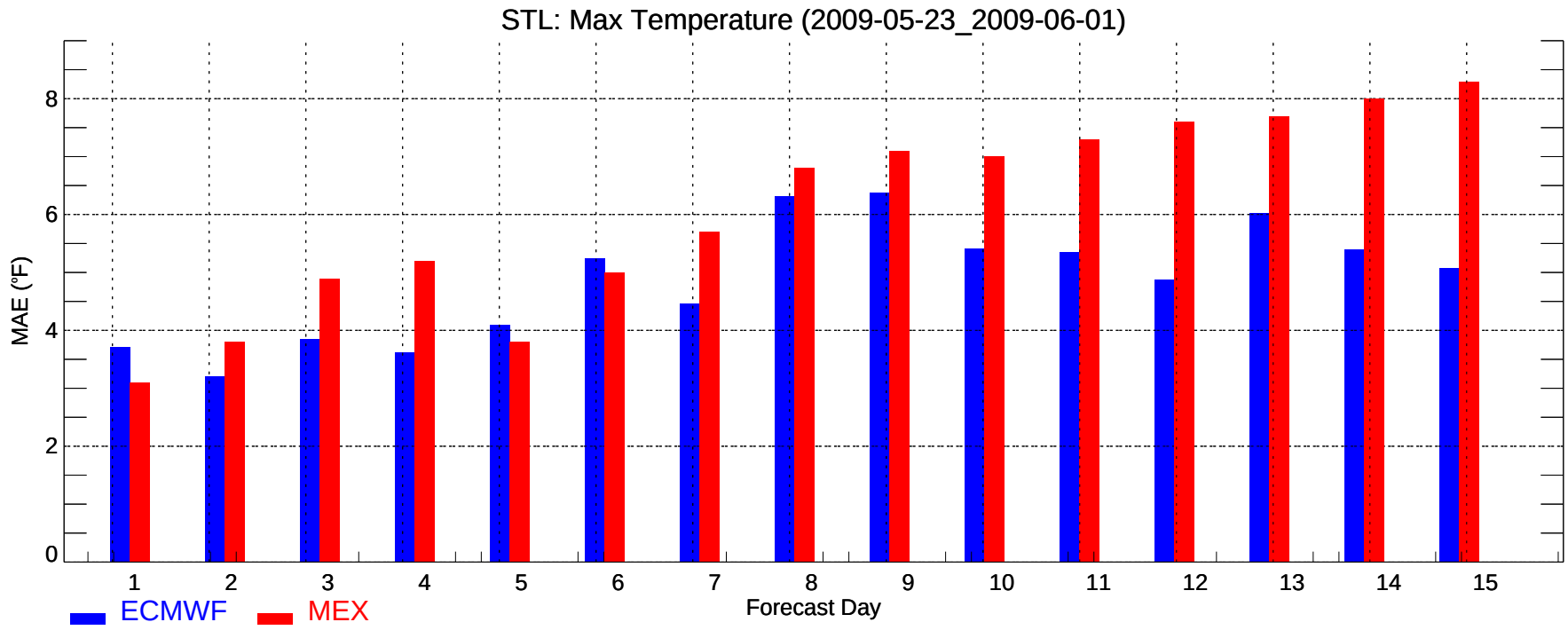
Forecast Day
ECMWF
MEX


SSI: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SSI: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SSI: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SSI: Min Temperature (2009-05-23_2009-06-01)
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


STL: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
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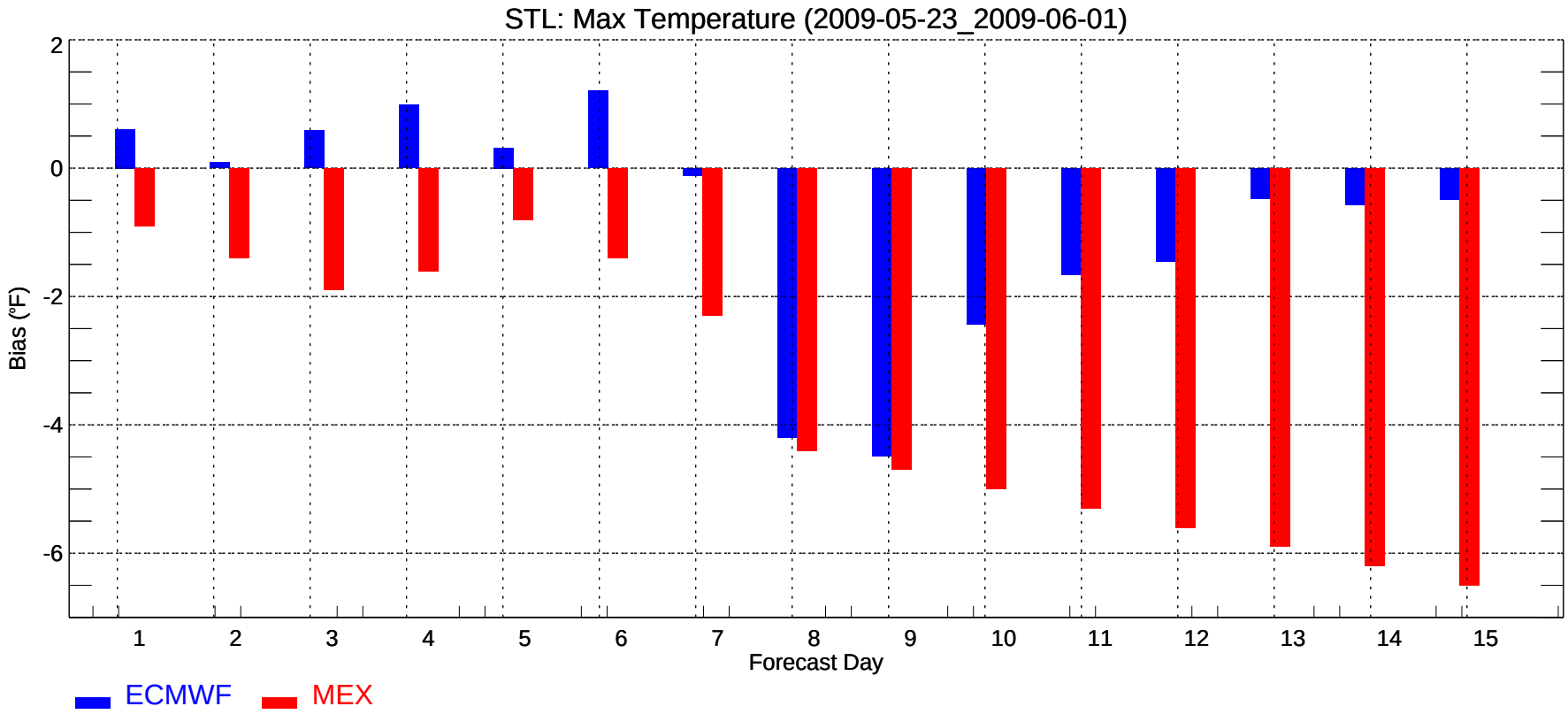
14
15
Forecast Day
ECMWF
MEX


STL: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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13
14
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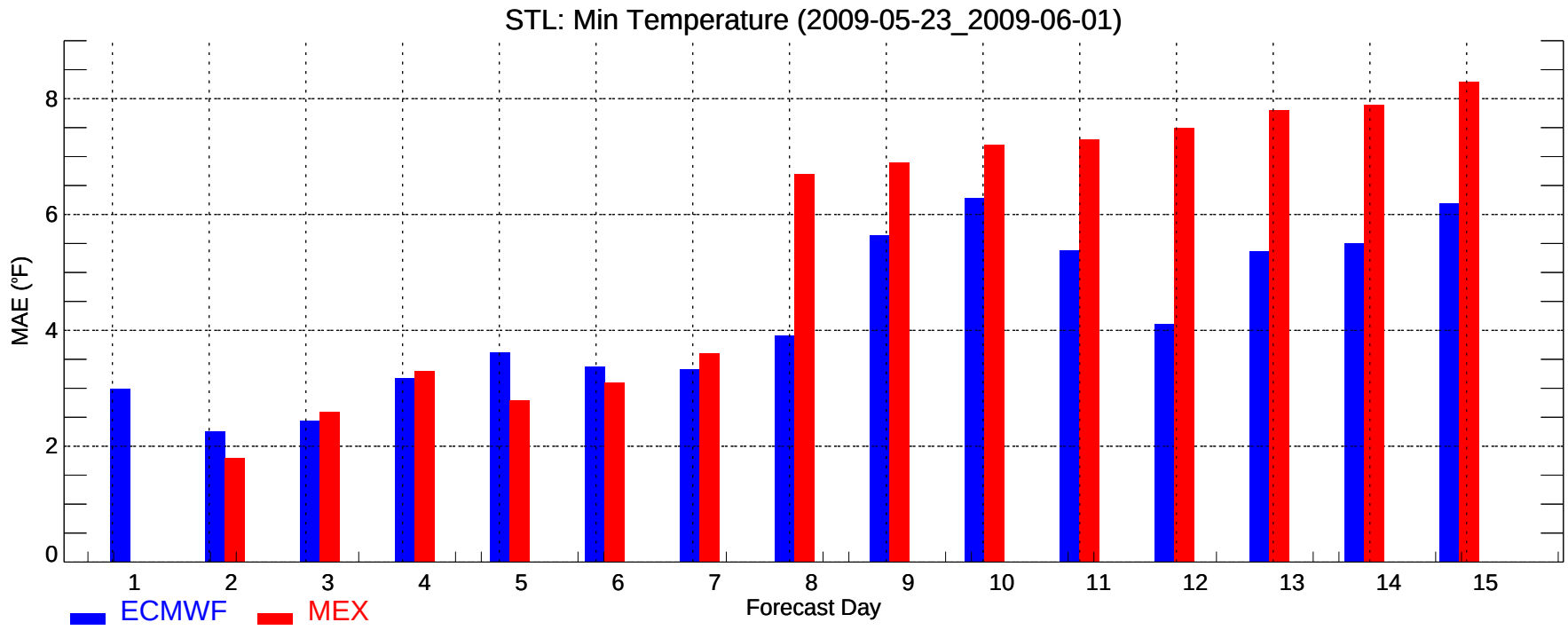
Forecast Day
ECMWF
MEX


STL: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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10
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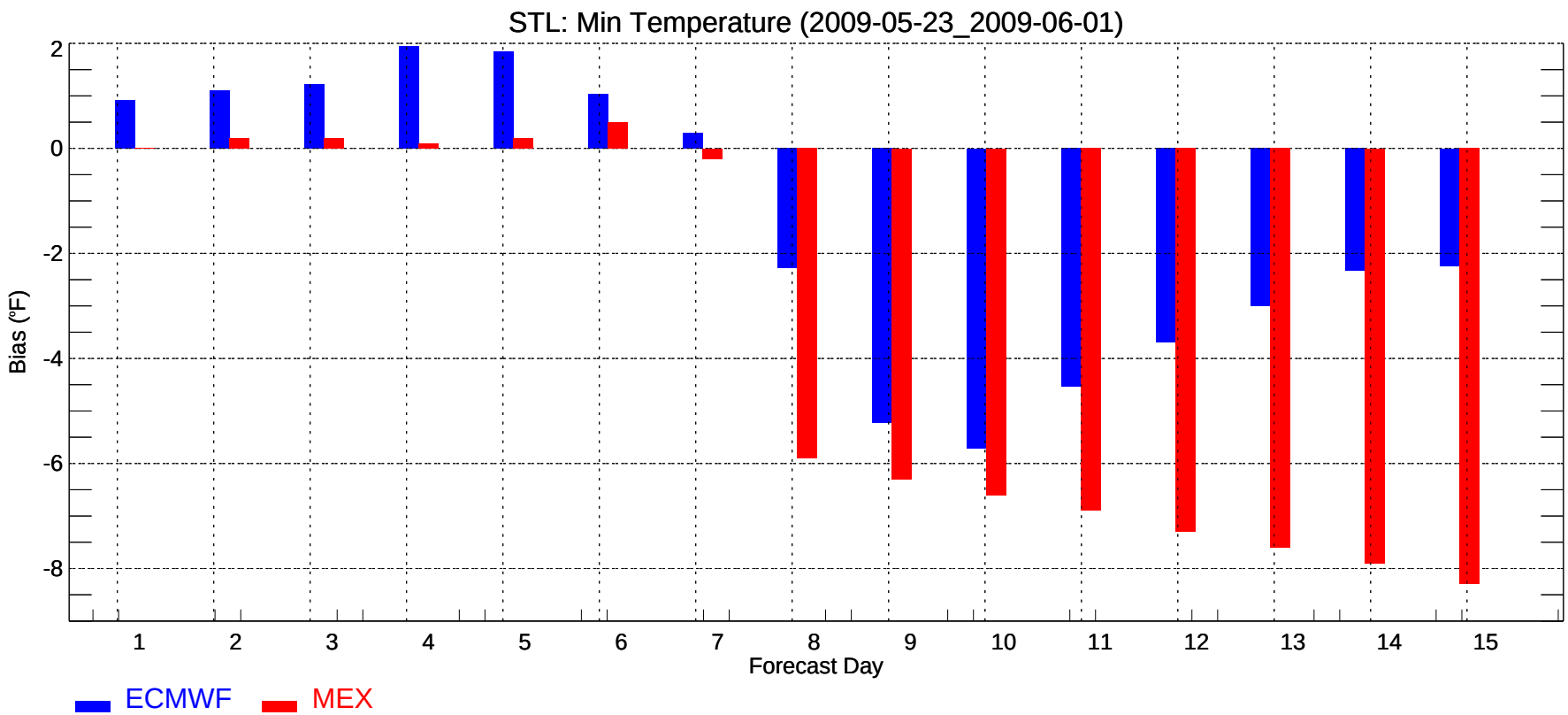
12
13
14
15
Forecast Day
ECMWF
MEX


STL: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
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8
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12
13
14
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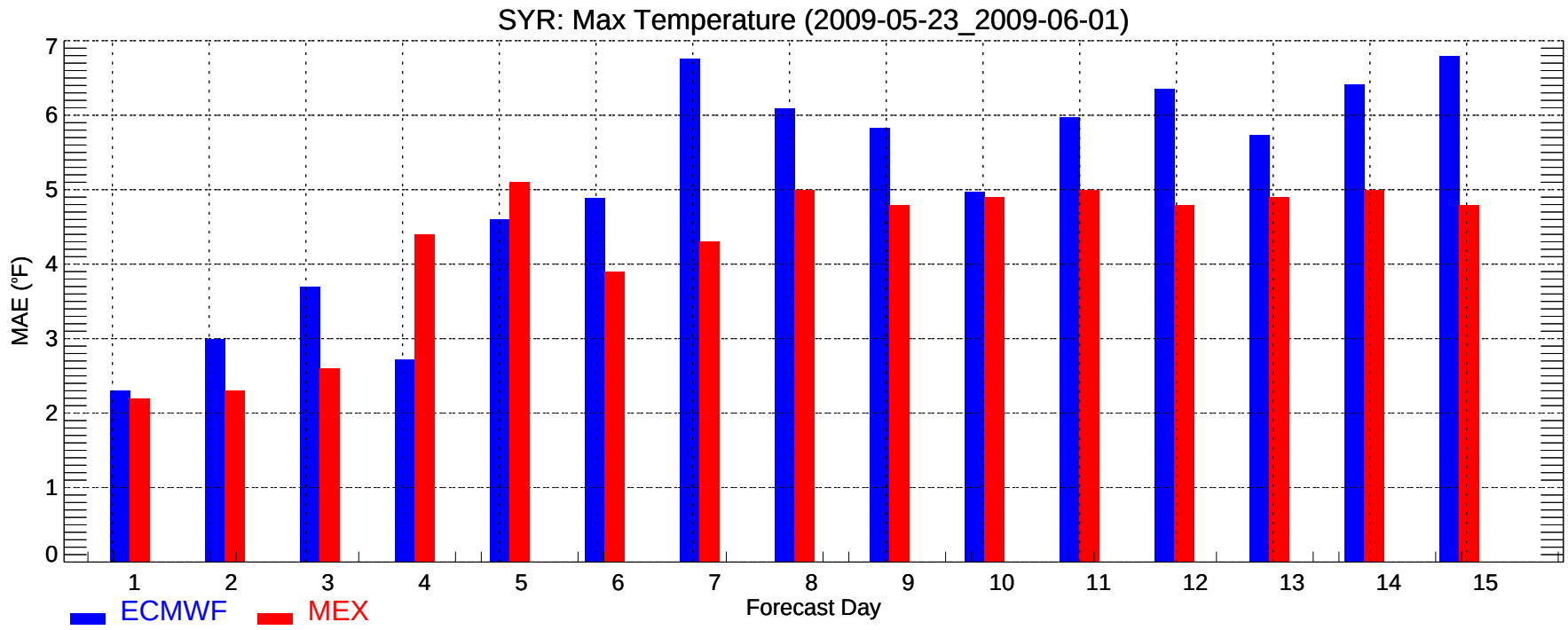
Forecast Day
ECMWF
MEX


SYR: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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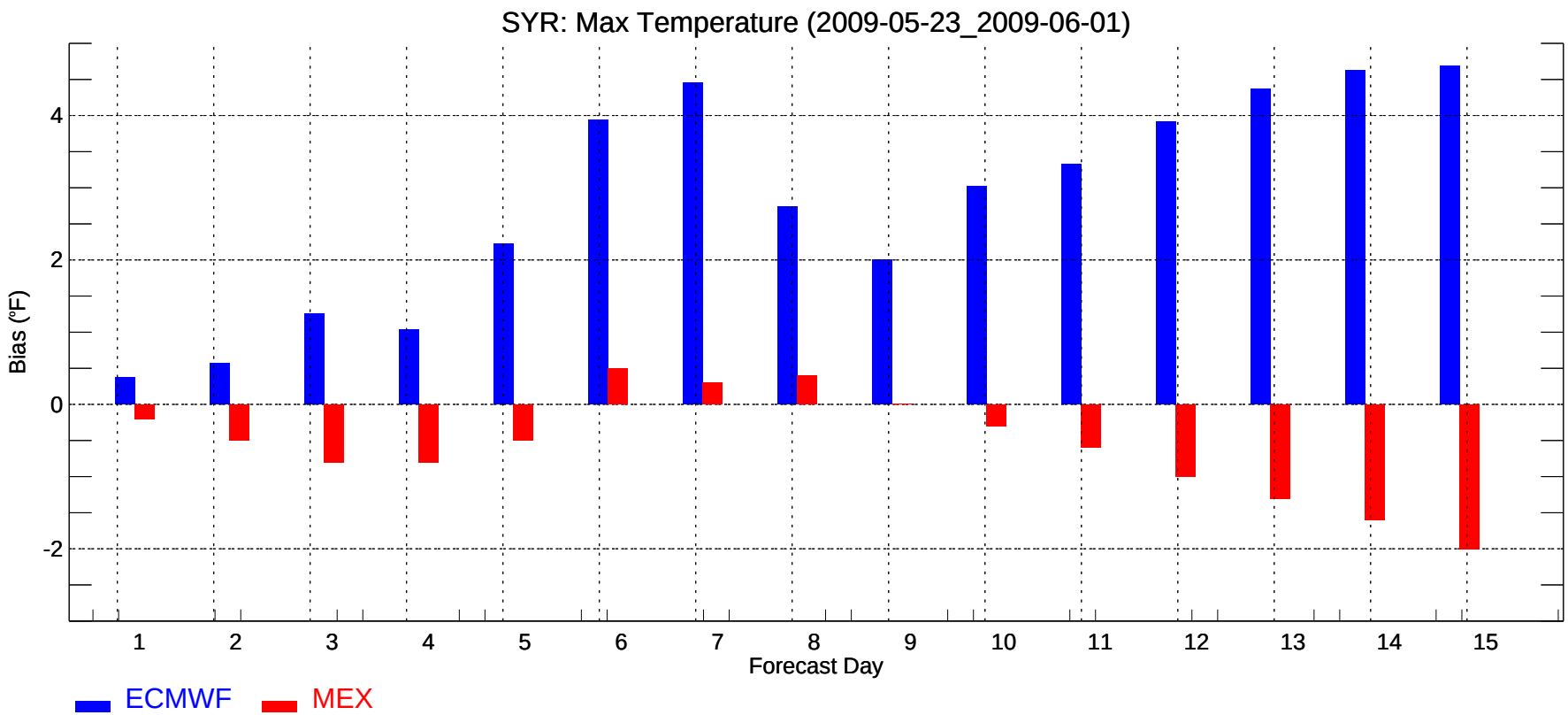
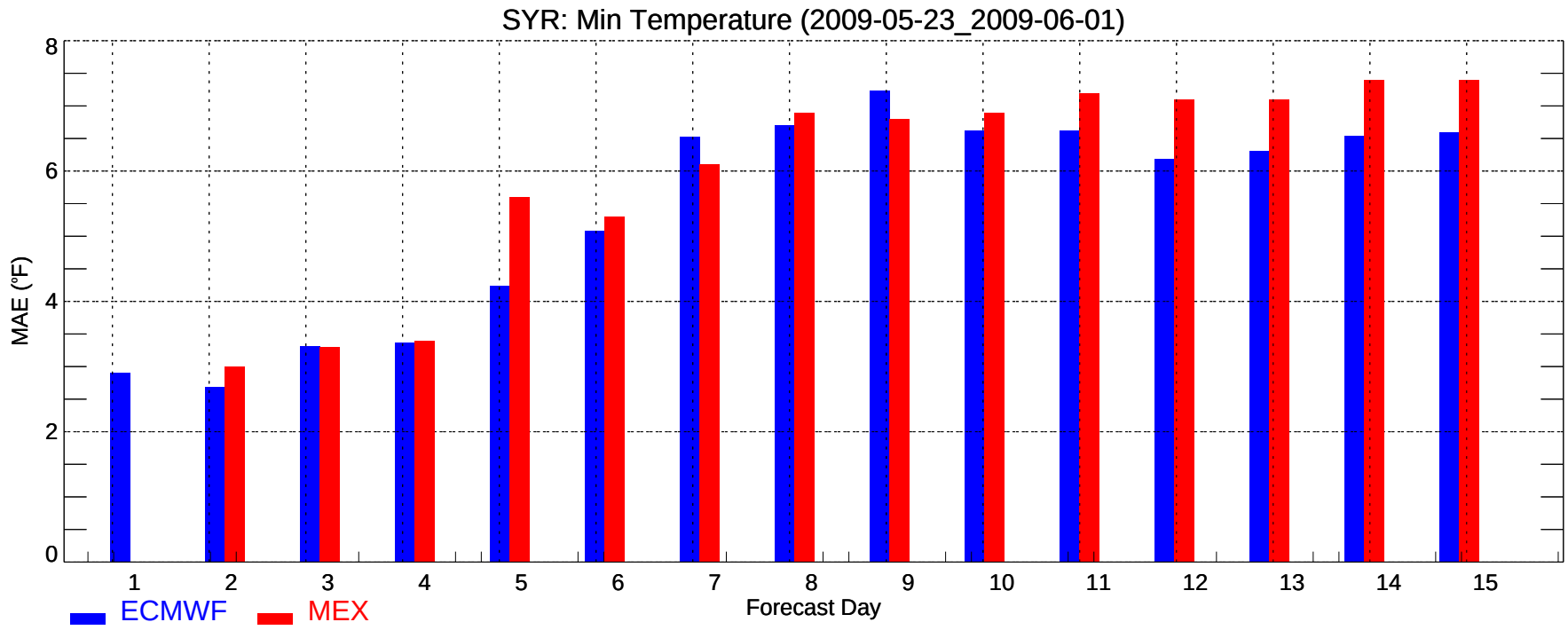
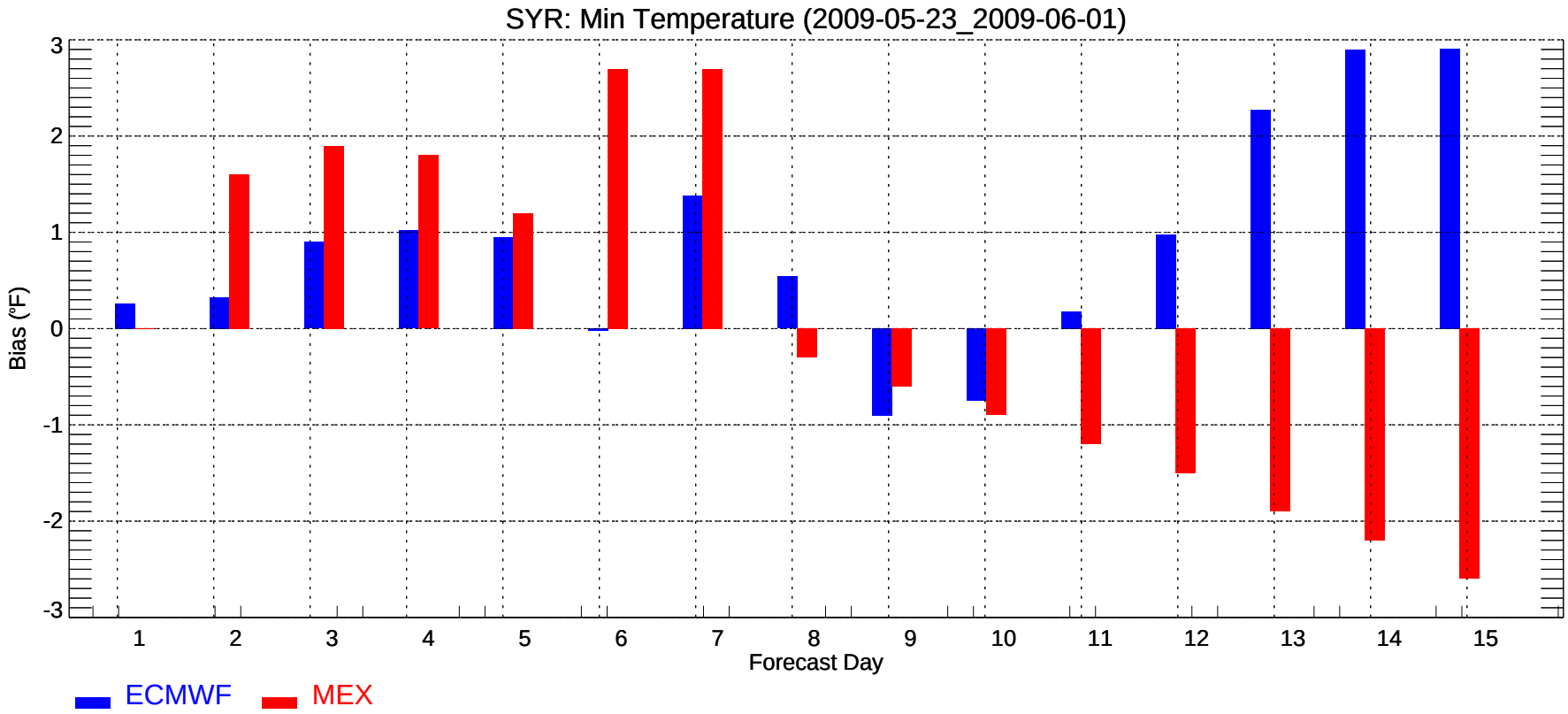
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SYR: Max Temperature (2009-05-23_2009-06-01)
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


SYR: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SYR: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
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8
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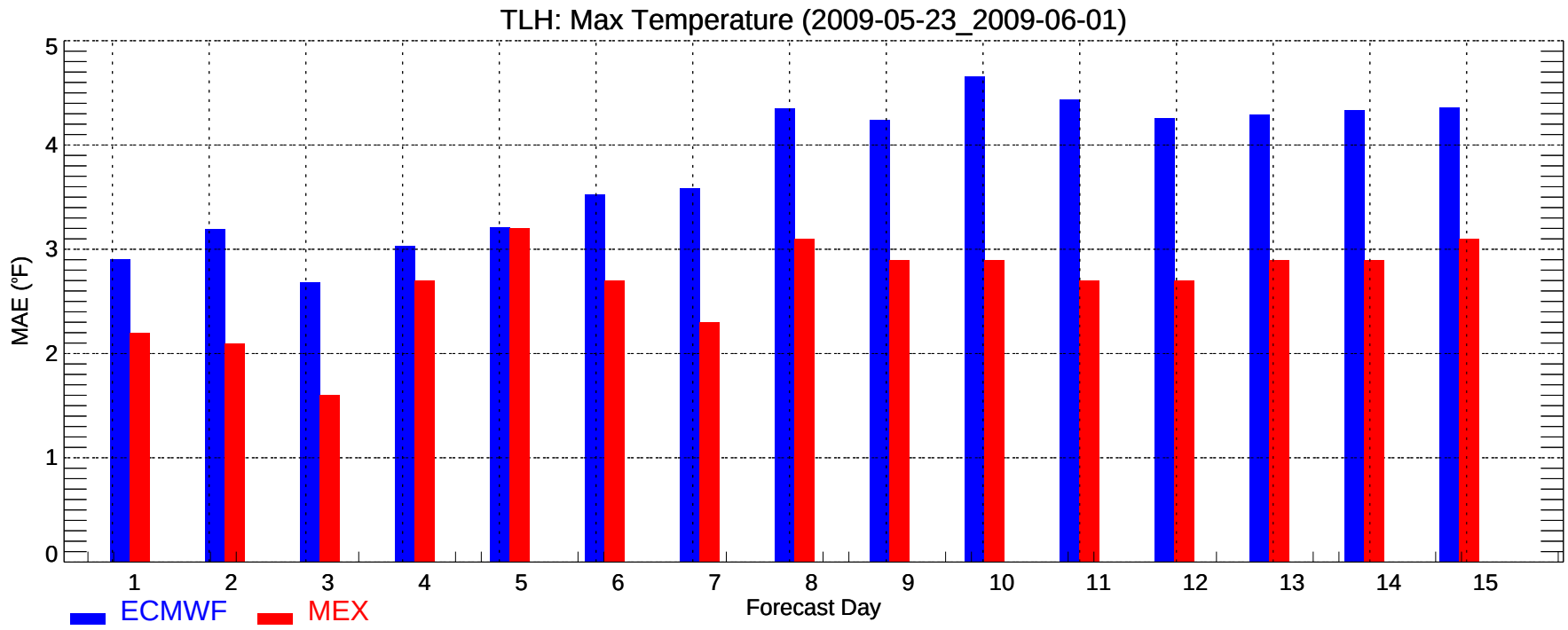
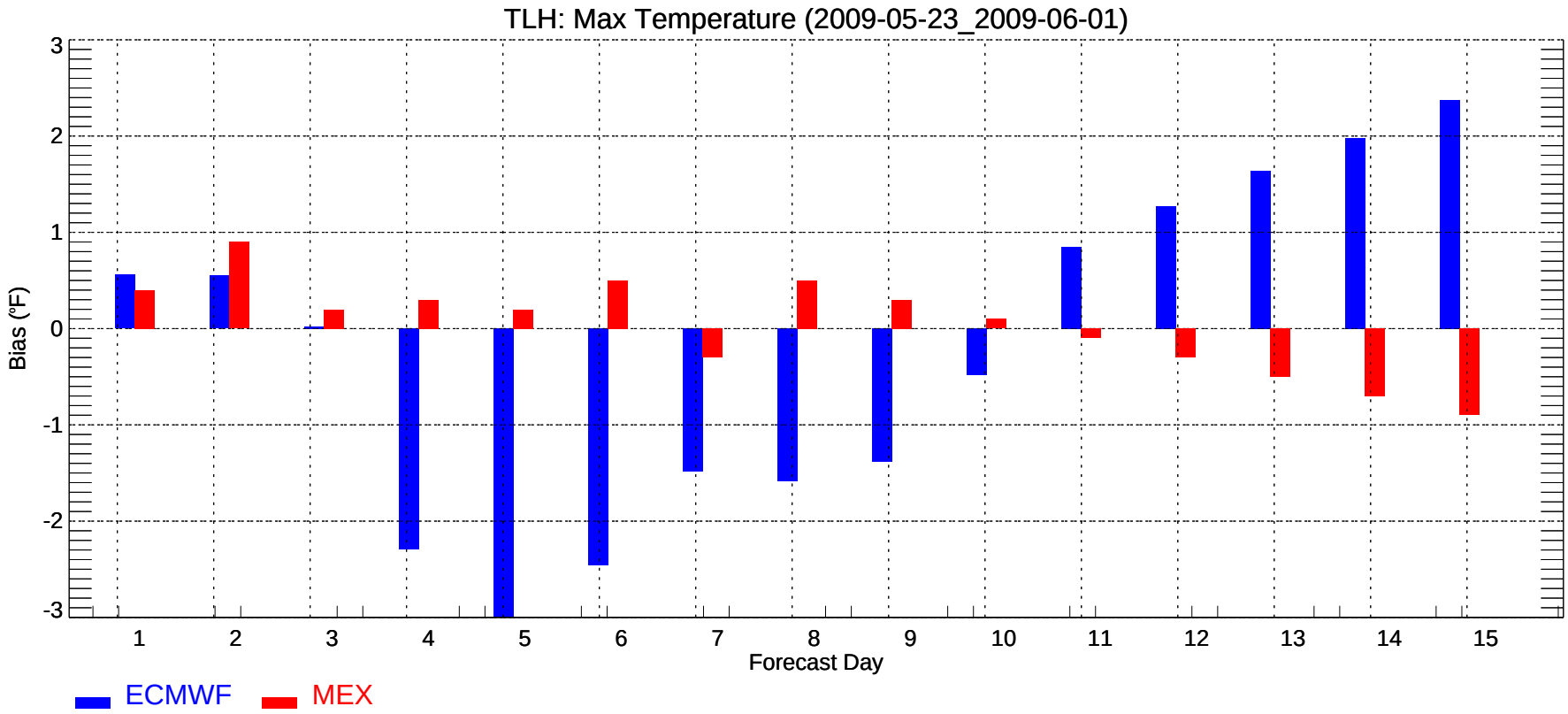
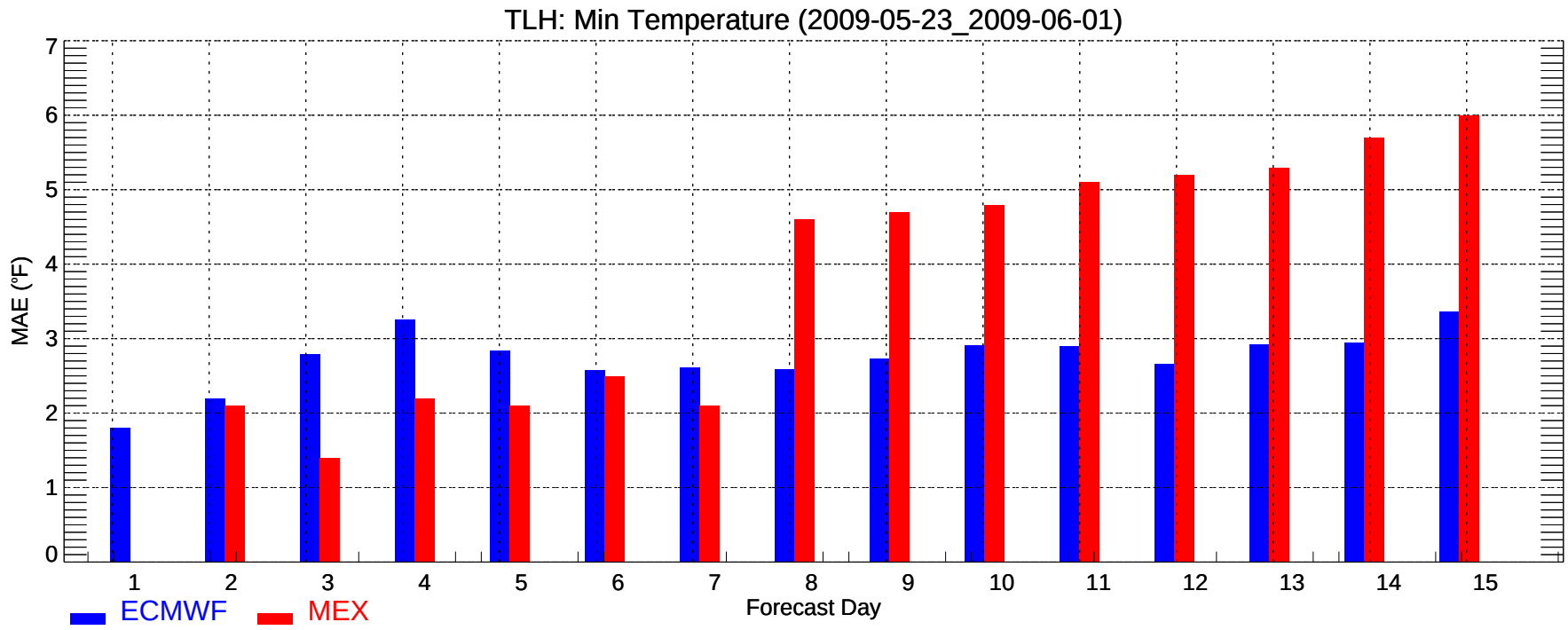
11
12
13
14
15
Forecast Day
ECMWF
MEX


TLH: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TLH: Max Temperature (2009-05-23_2009-06-01)
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


TLH: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
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8
9
10
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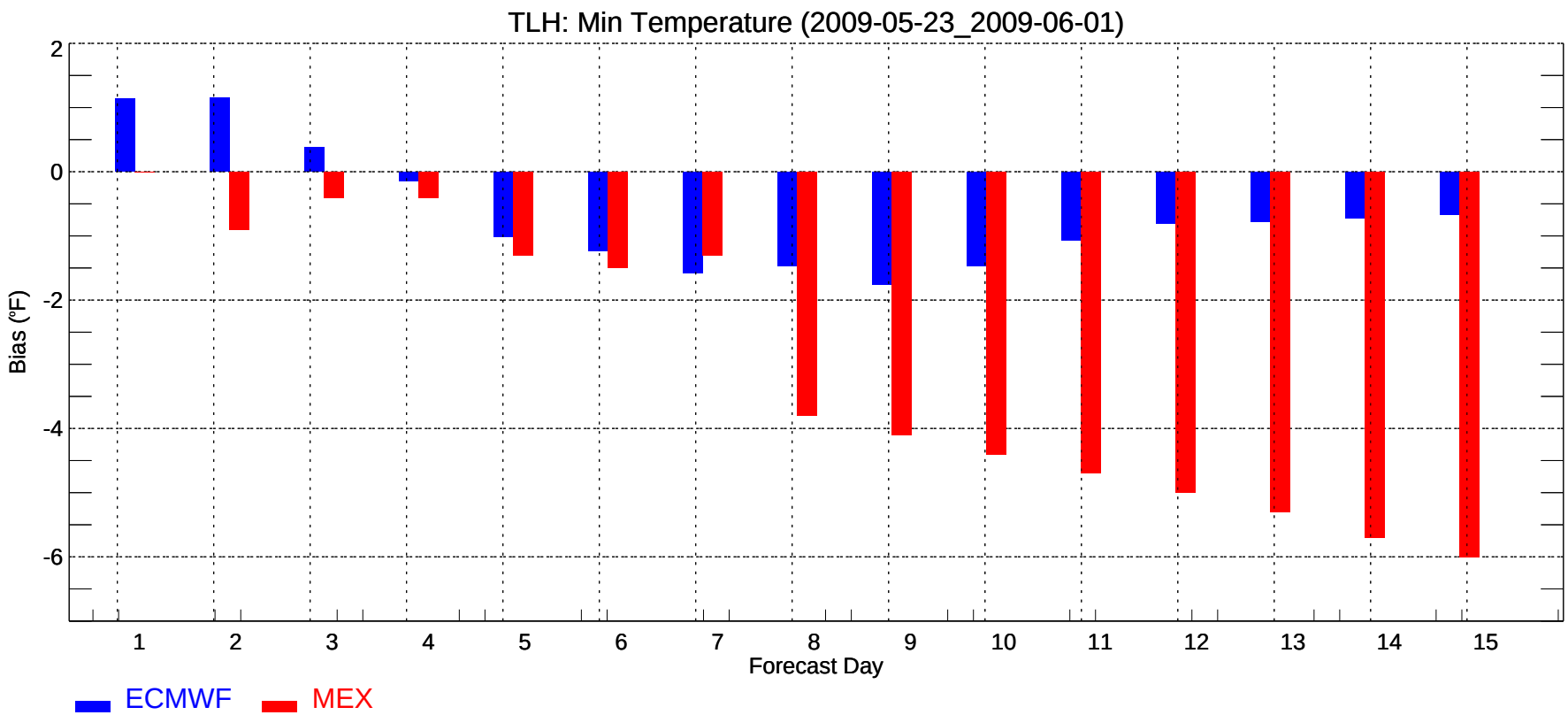
12
13
14
15
Forecast Day
ECMWF
MEX


TLH: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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11
12
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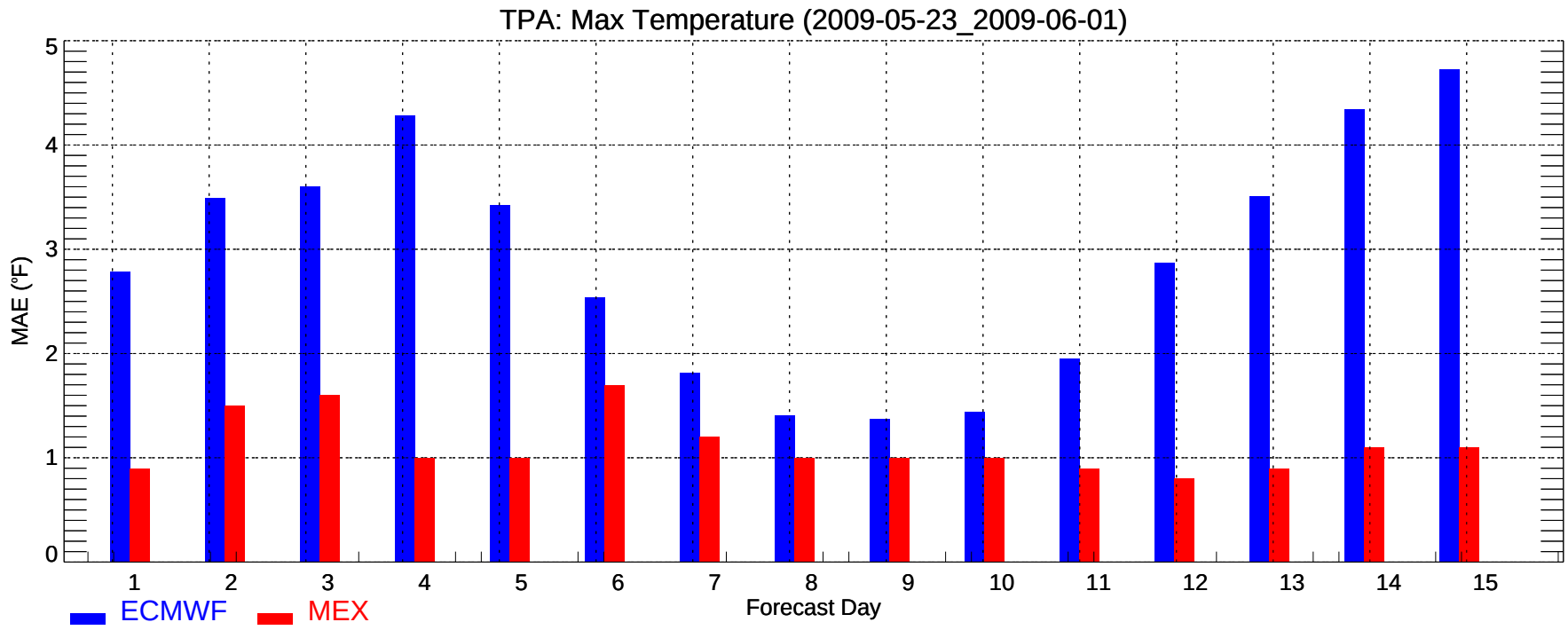
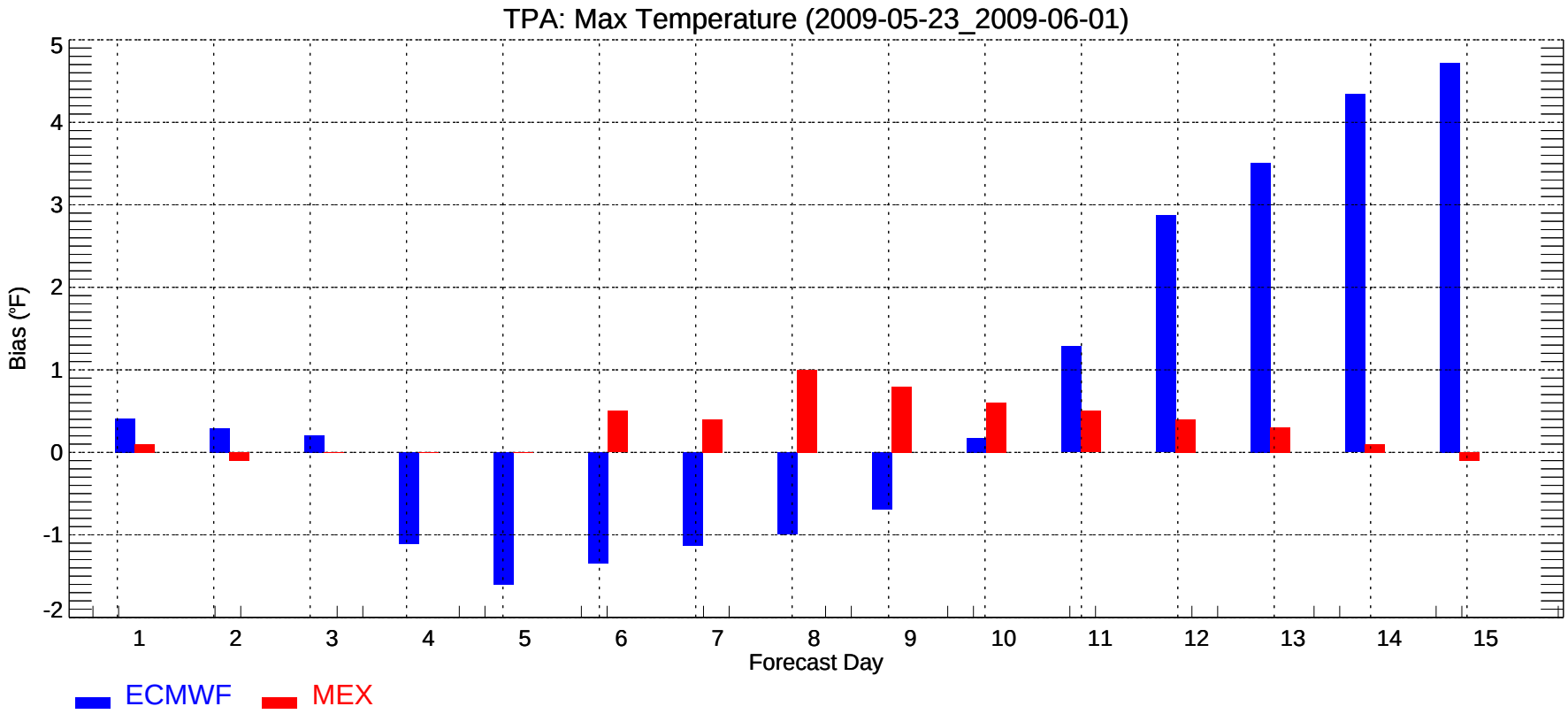
14
15
Forecast Day
ECMWF
MEX


TPA: Max Temperature (2009-05-23_2009-06-01)
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


TPA: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
-1
0
1
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2
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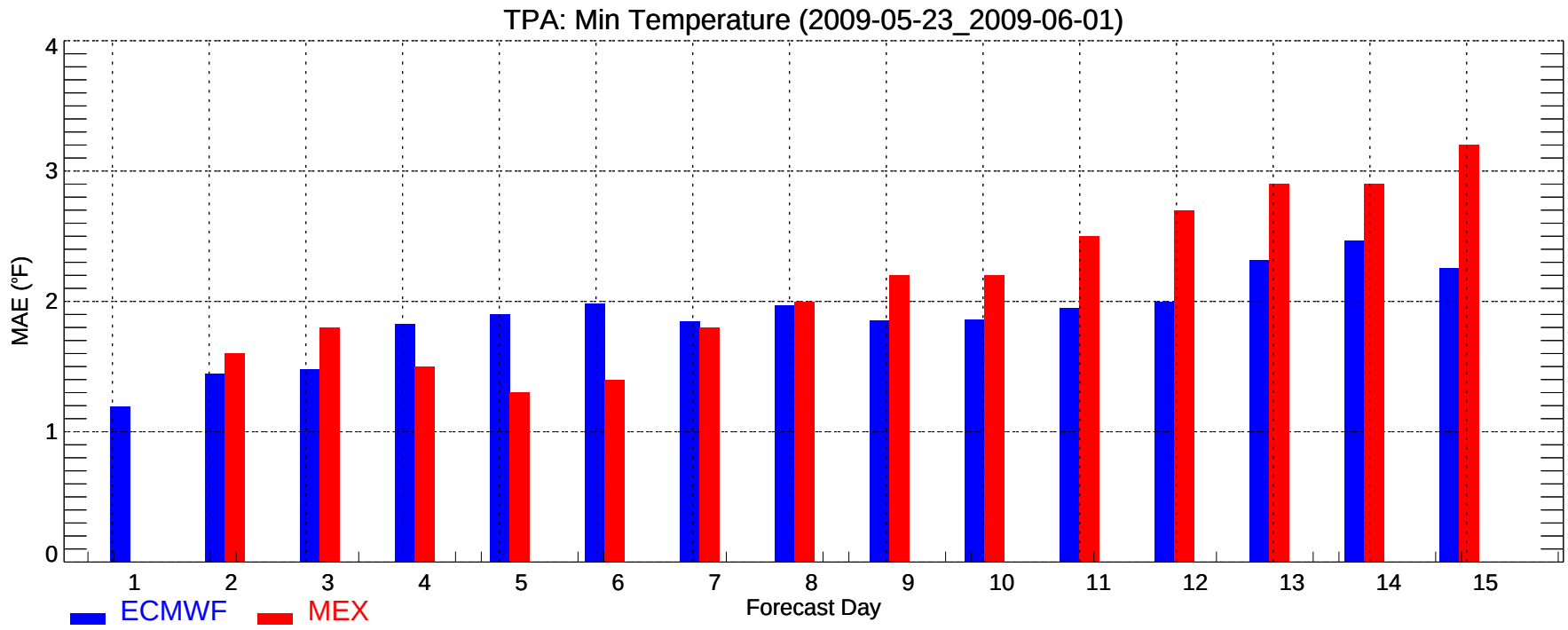
Forecast Day
ECMWF
MEX


TPA: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
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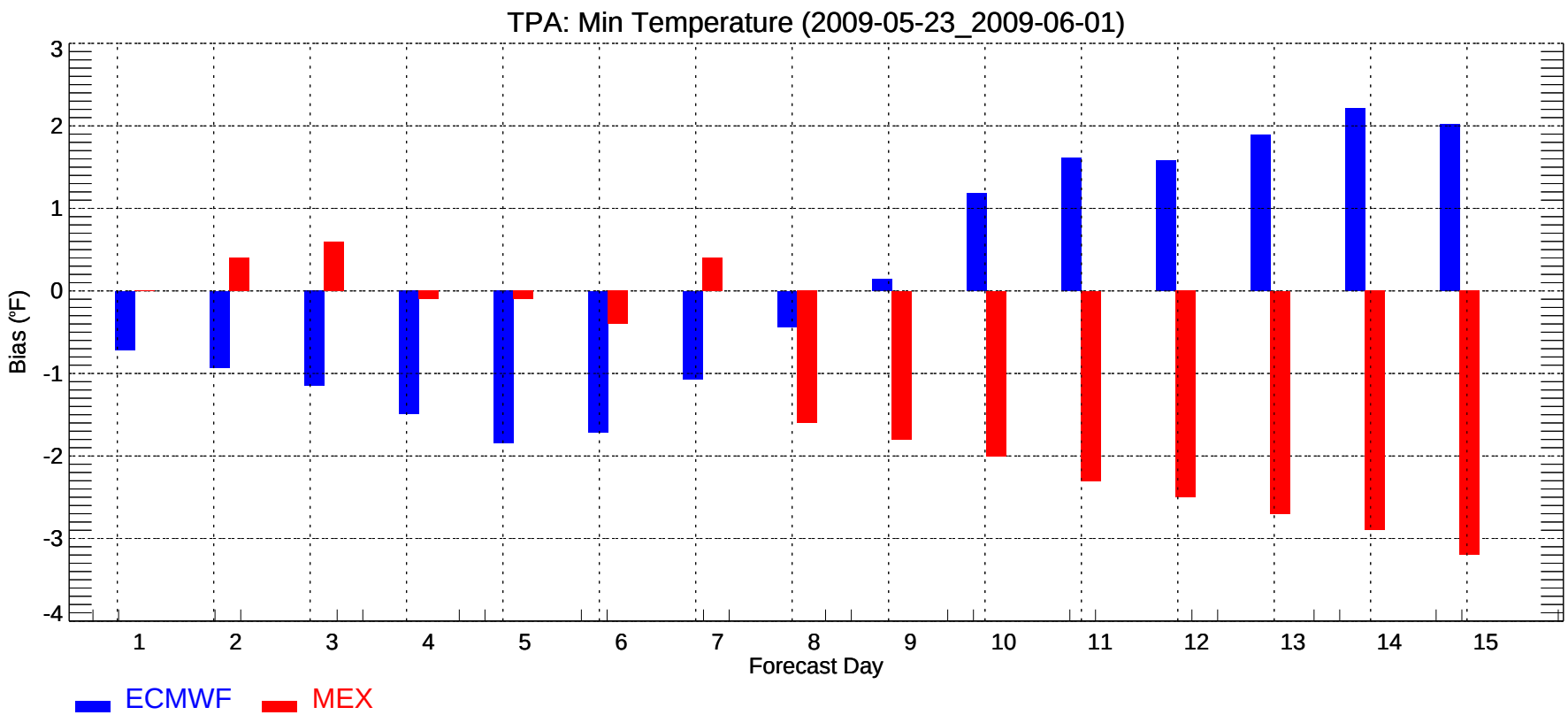
11
12
13
14
15
Forecast Day
ECMWF
MEX


TPA: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
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8
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13
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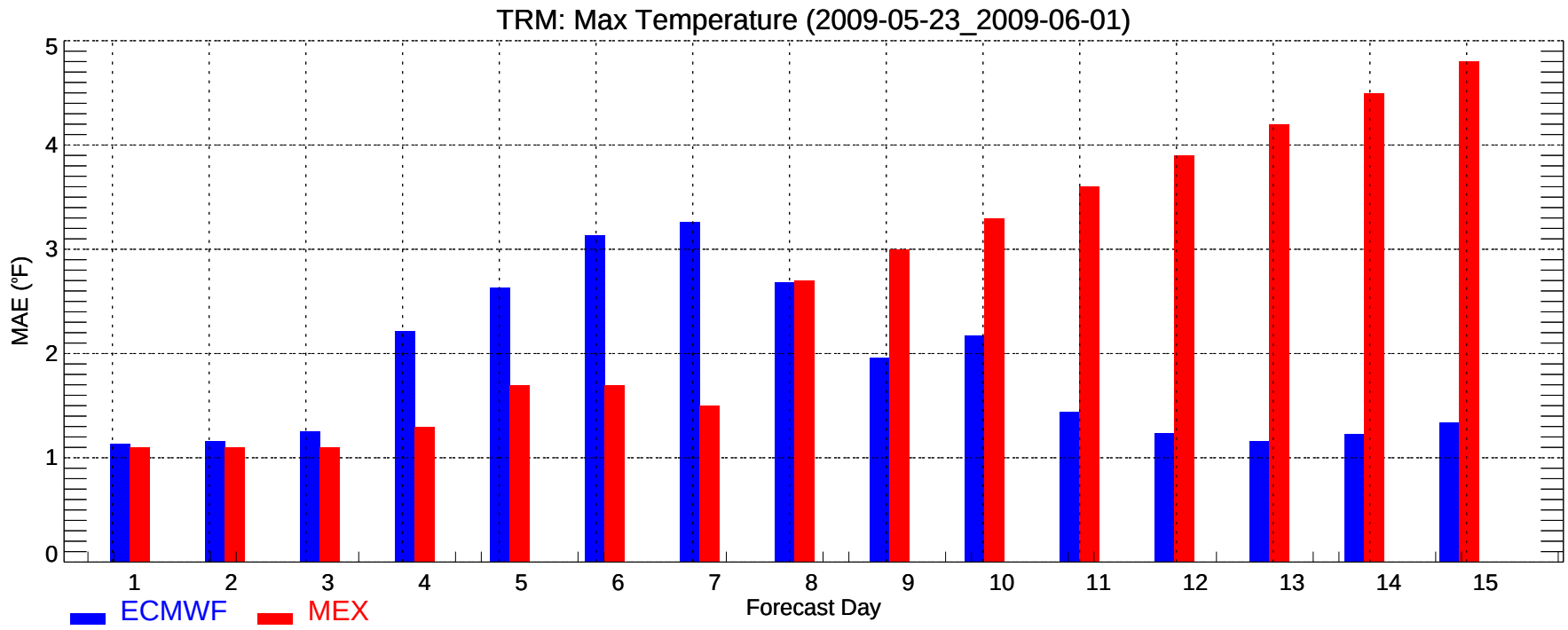
Forecast Day
ECMWF
MEX


TRM: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
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8
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10
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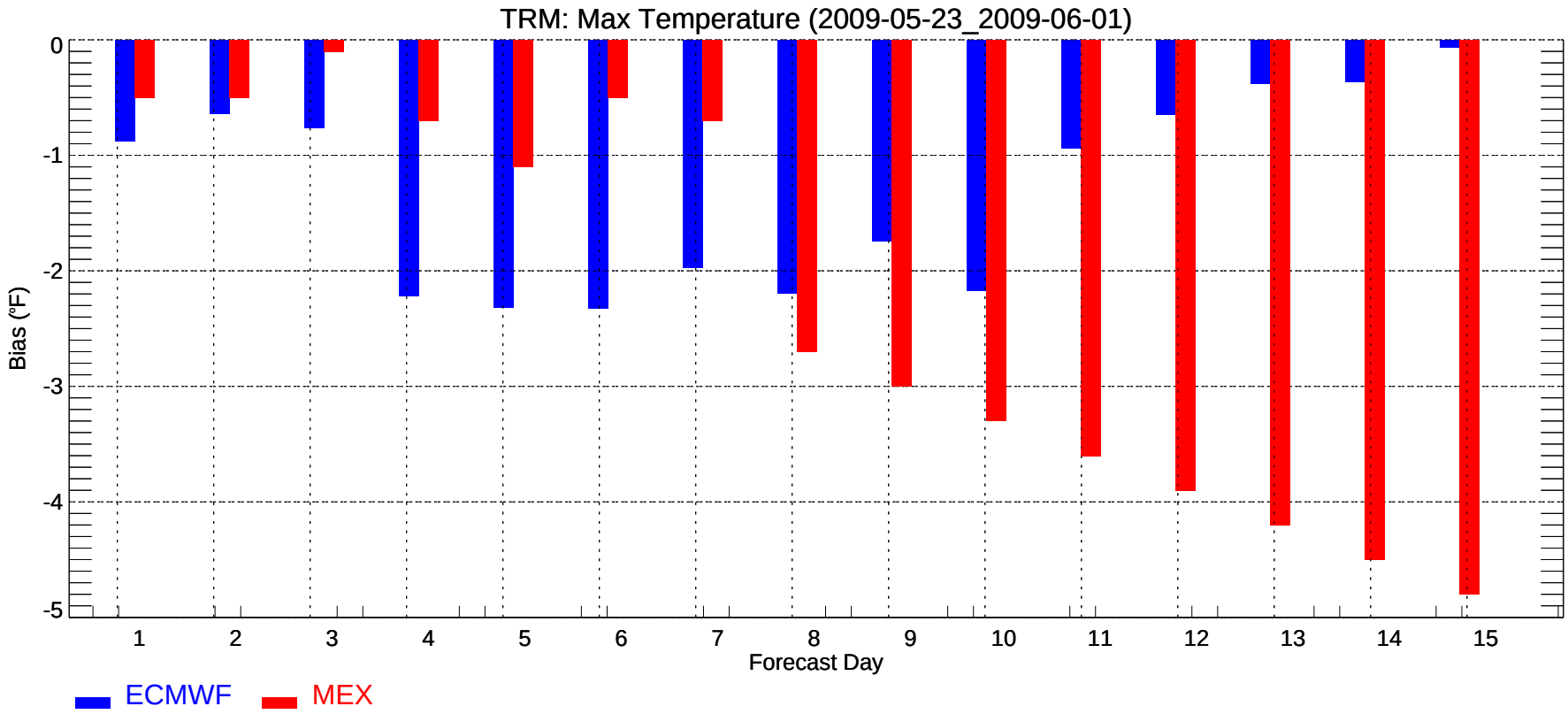
12
13
14
15
Forecast Day
ECMWF
MEX


TRM: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
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11
12
13
14
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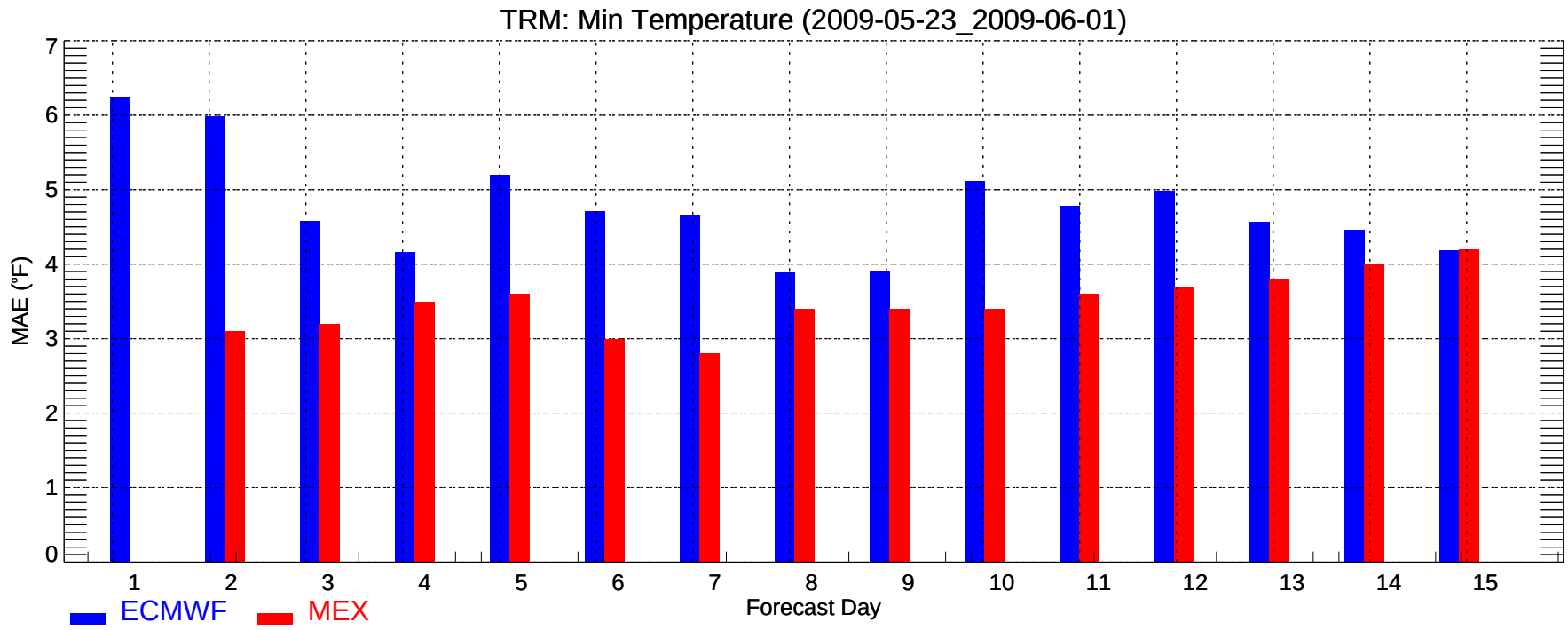
Forecast Day
ECMWF
MEX


TRM: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
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6
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8
9
10
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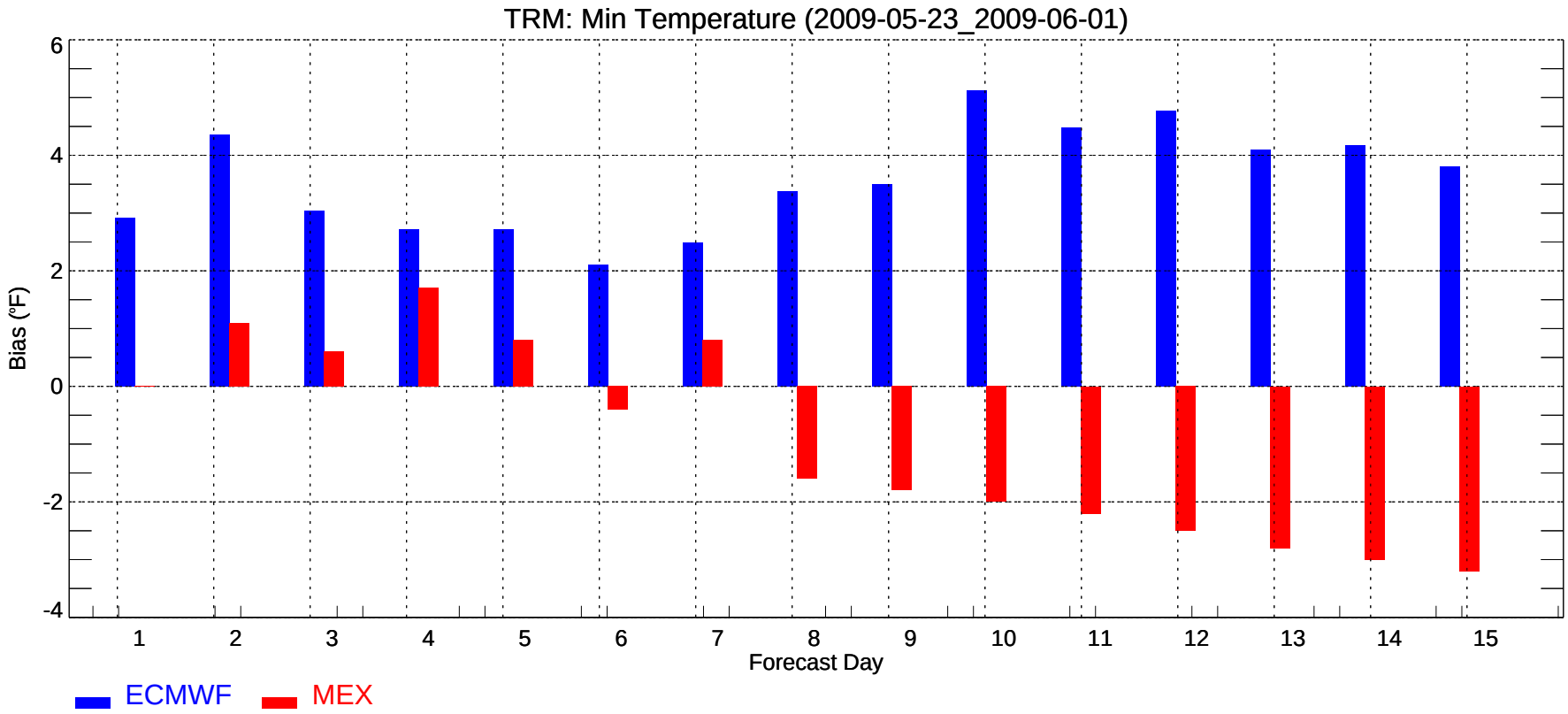
Forecast Day
ECMWF
MEX


TRM: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
6
4
2
0
-2
-4
1
2
3
4
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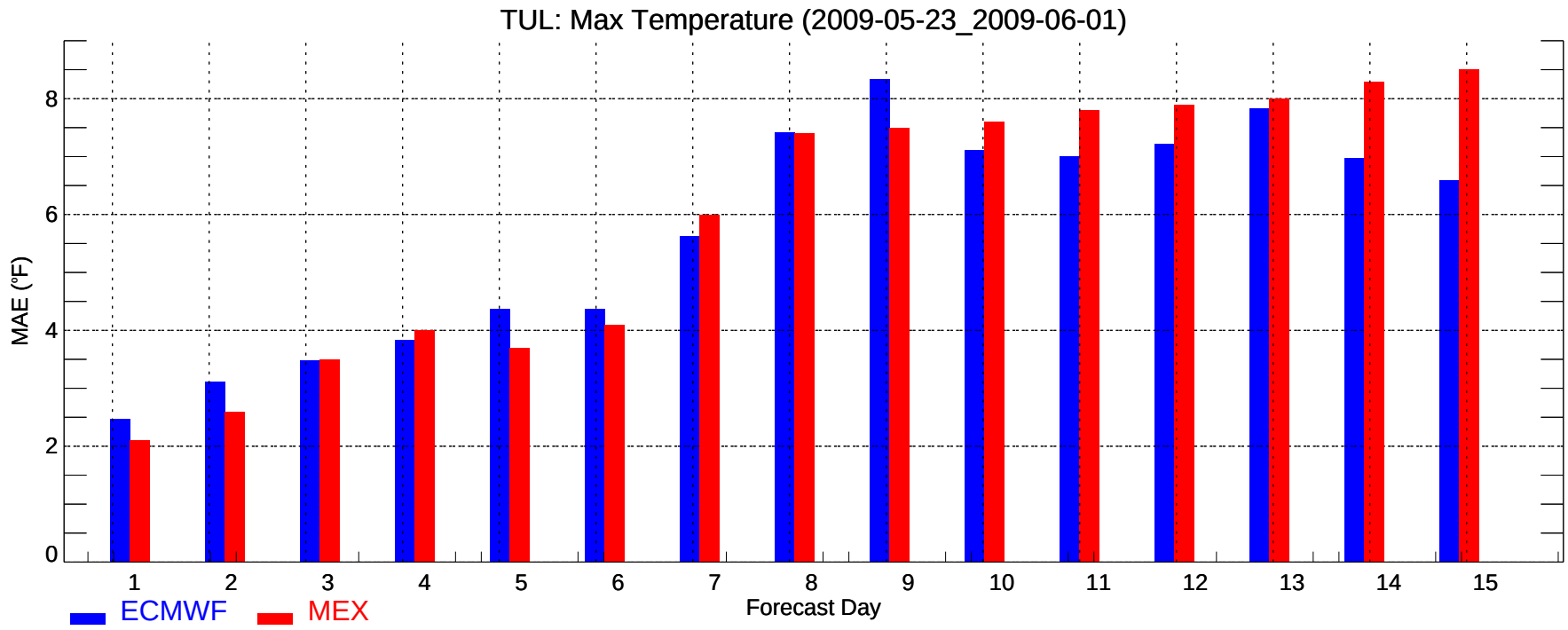
Forecast Day
ECMWF
MEX


TUL: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
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8
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10
11
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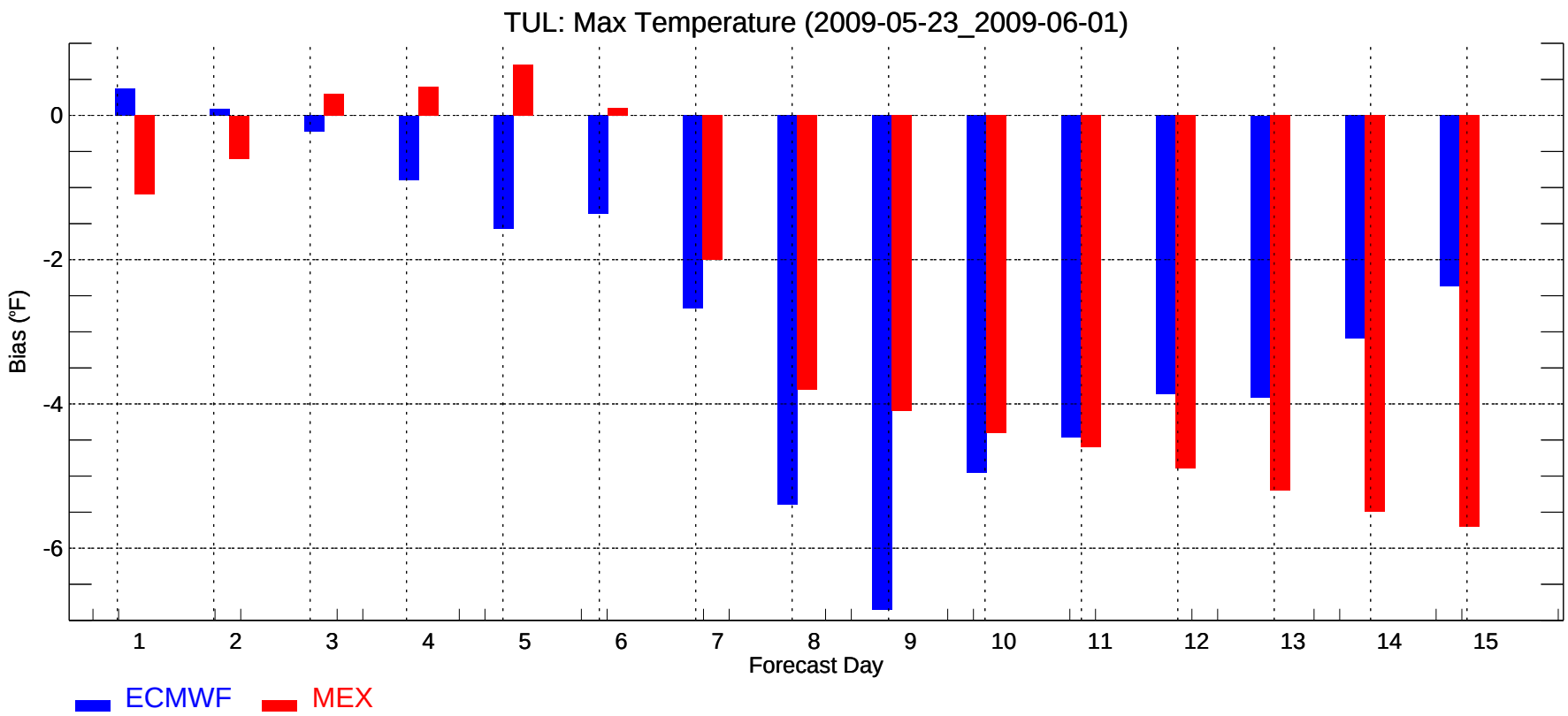
13
14
15
Forecast Day
ECMWF
MEX


TUL: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
1
2
3
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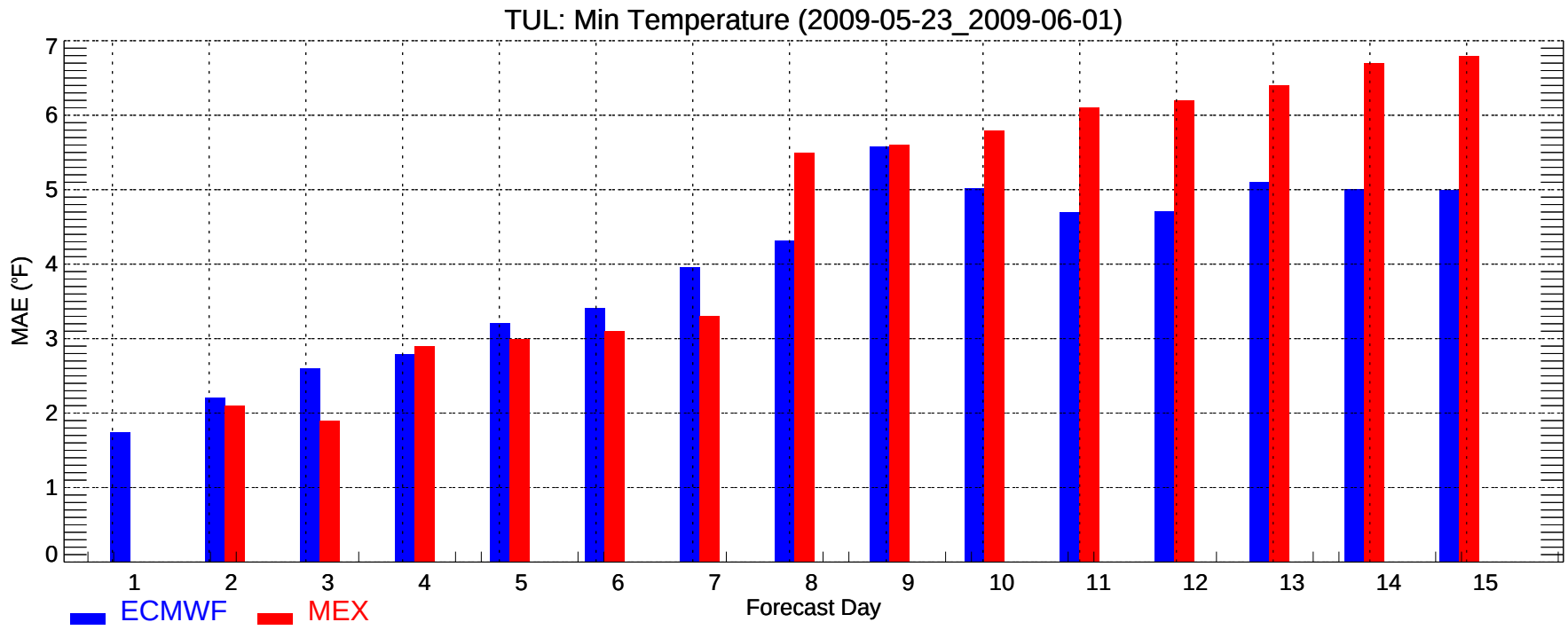
Forecast Day
ECMWF
MEX


TUL: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
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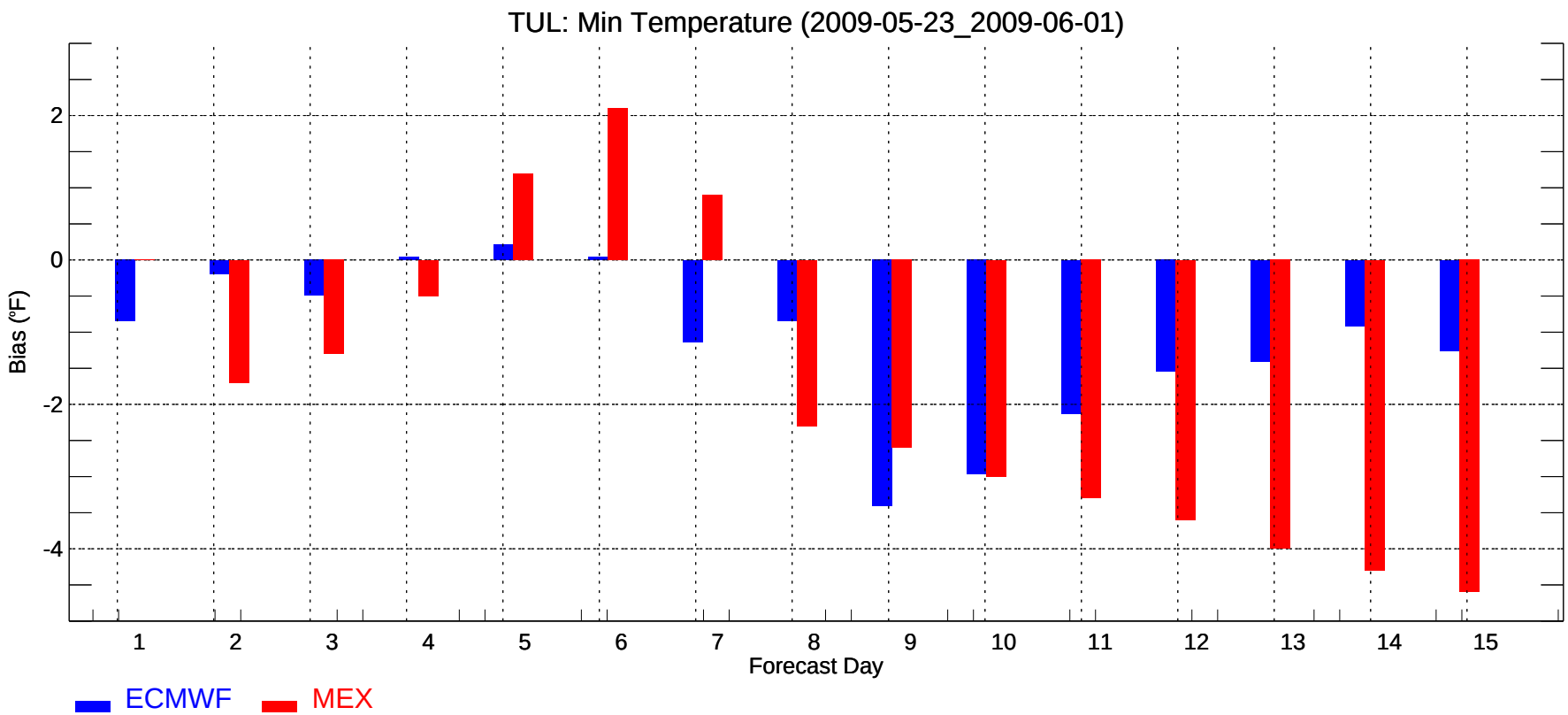
Forecast Day
ECMWF
MEX


TUL: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
1
2
3
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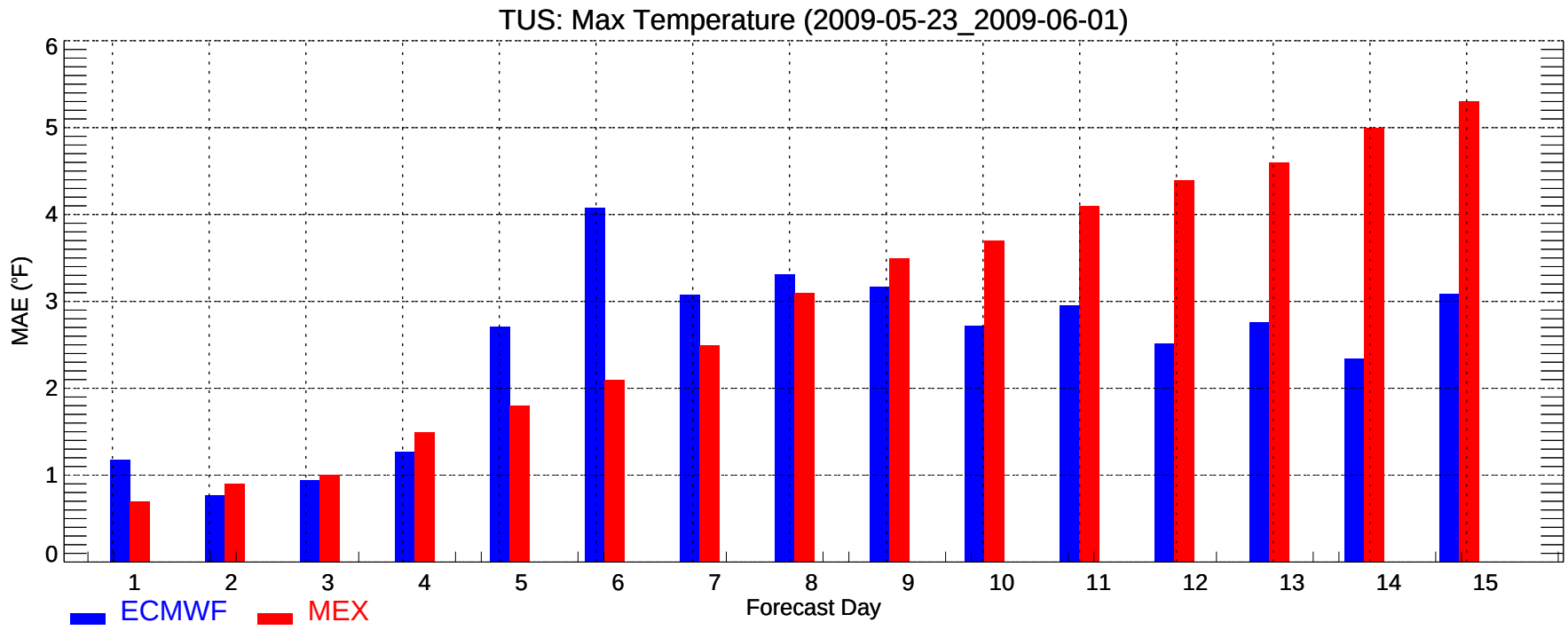
Forecast Day
ECMWF
MEX


TUS: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
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5
6
7
8
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12
13
14
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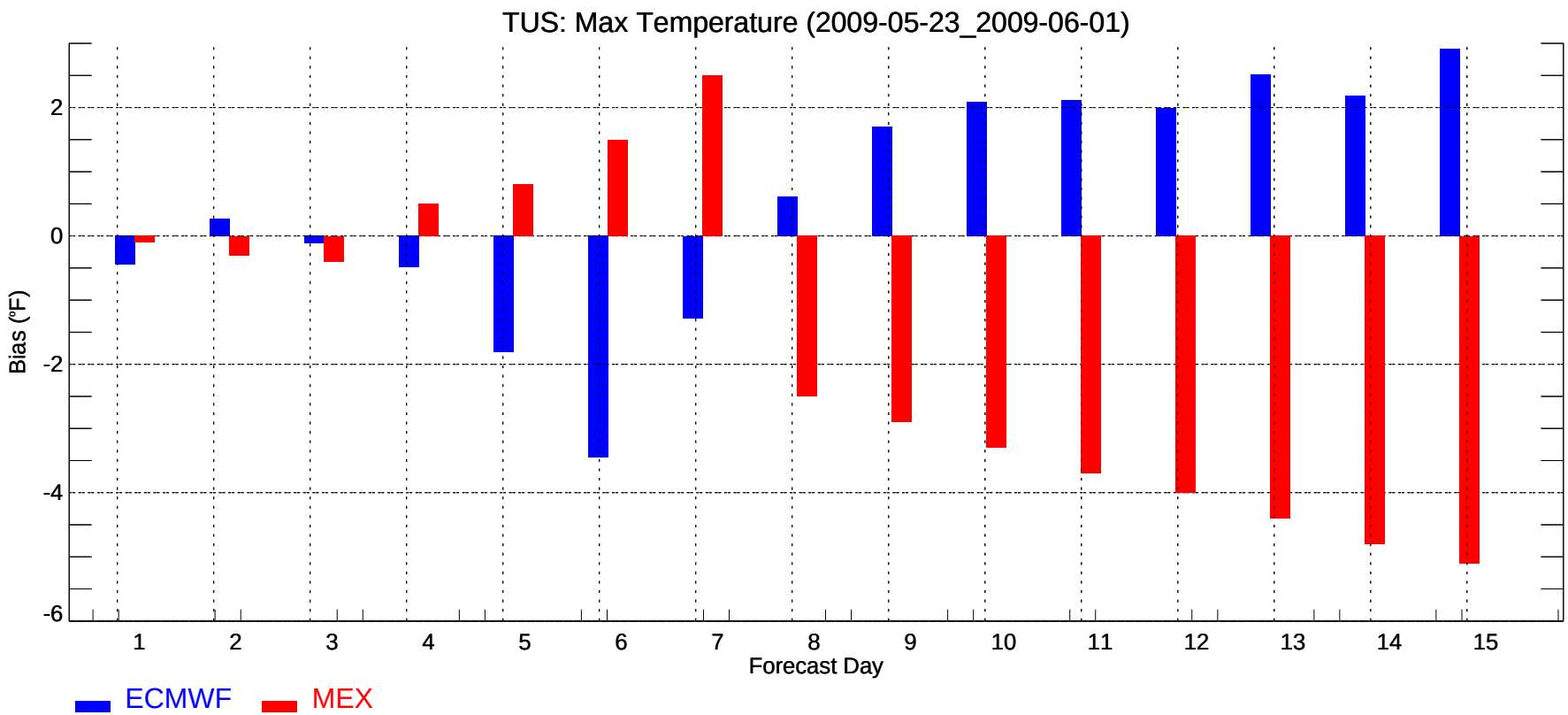
Forecast Day
ECMWF
MEX


TUS: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
2
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4
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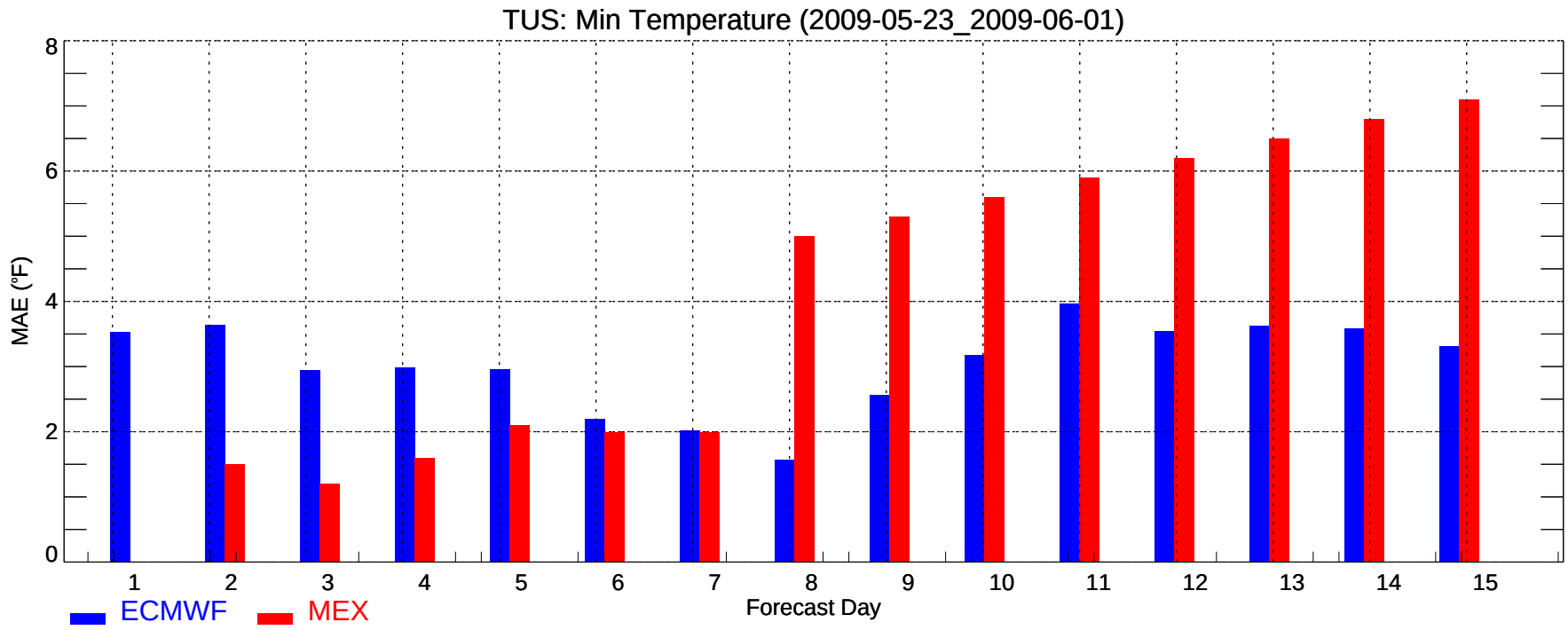
Forecast Day
ECMWF
MEX


TUS: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
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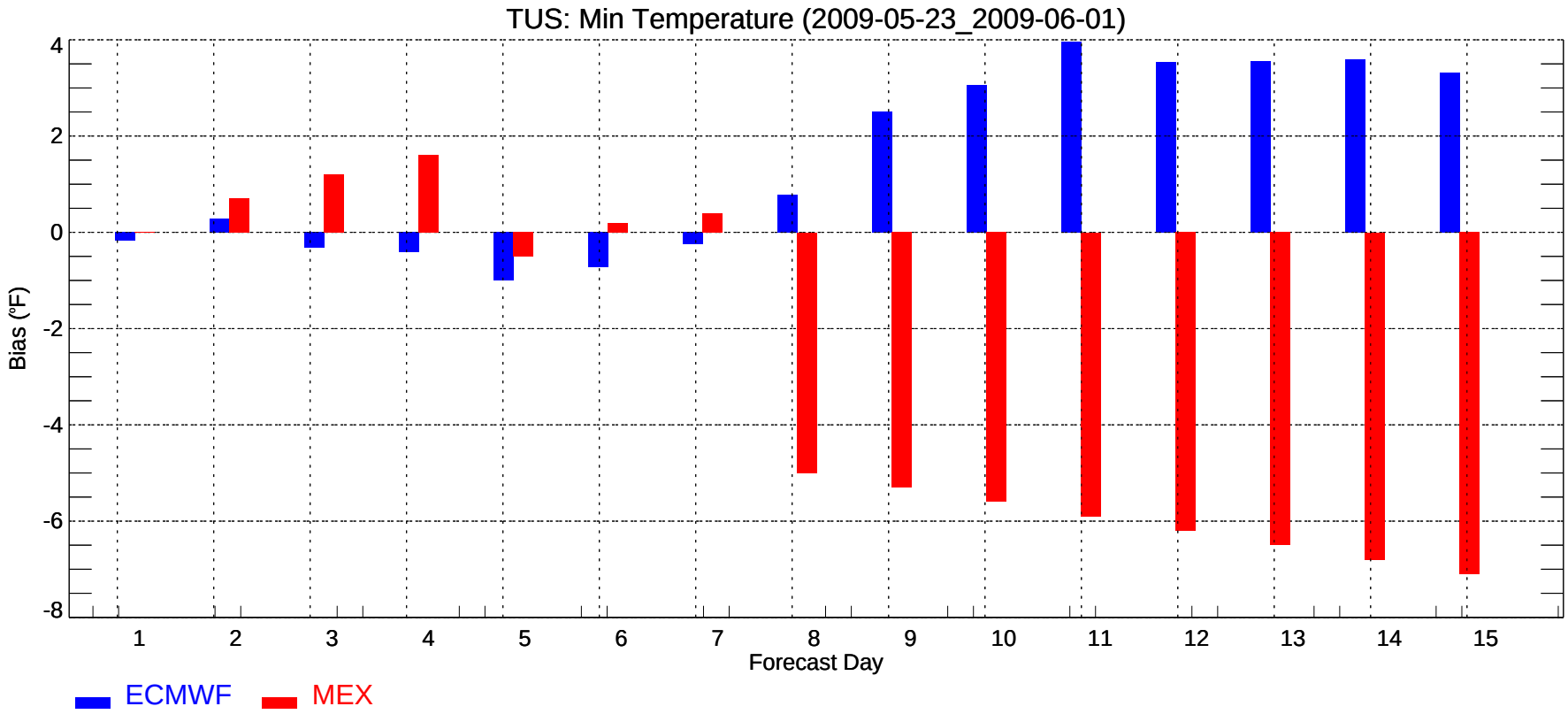
Forecast Day
ECMWF
MEX


TUS: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
3
4
5
6
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12
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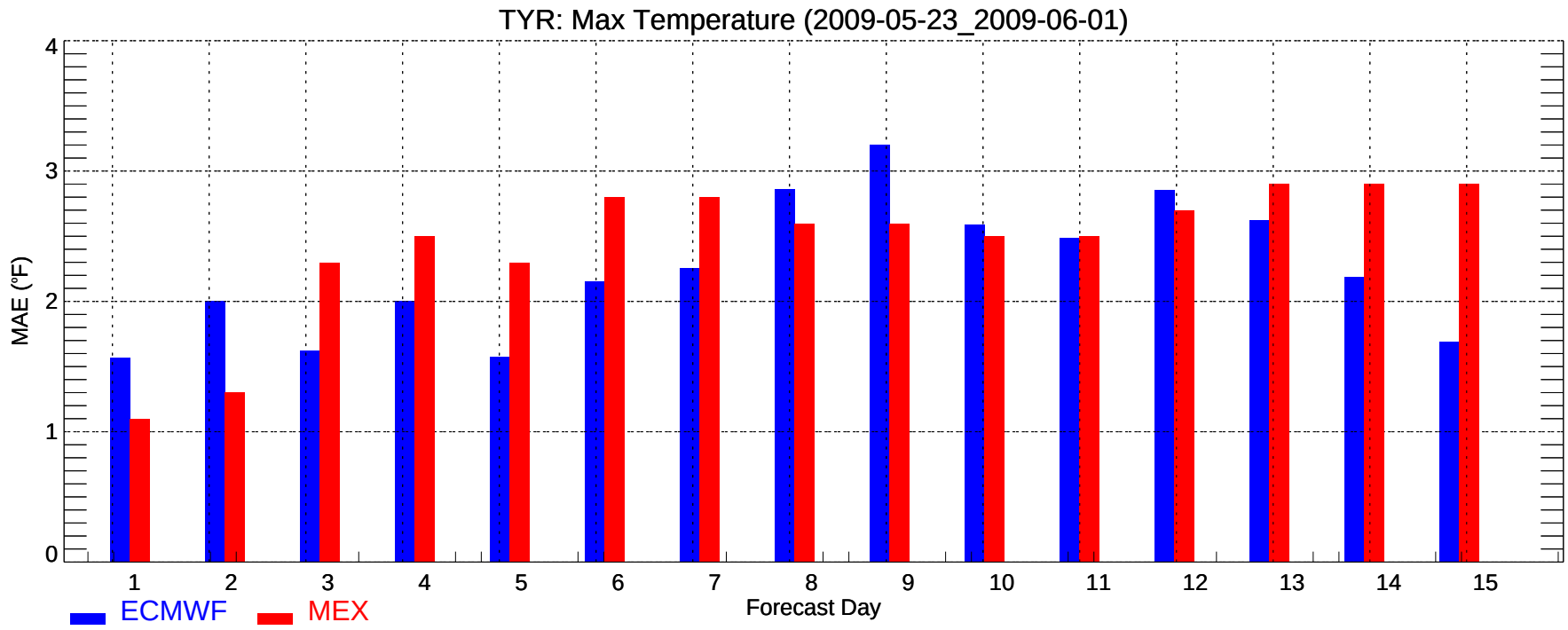
Forecast Day
ECMWF
MEX


TYR: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
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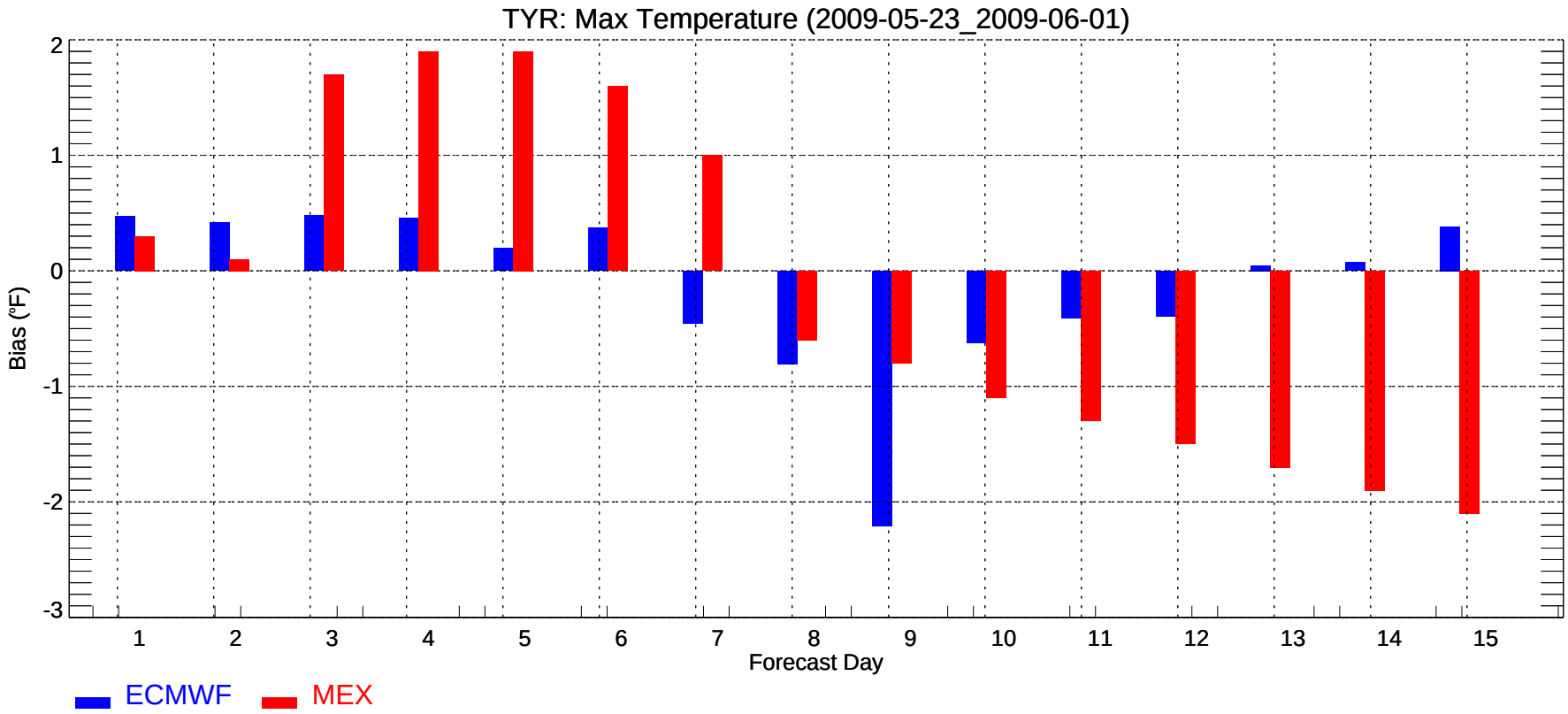
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TYR: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
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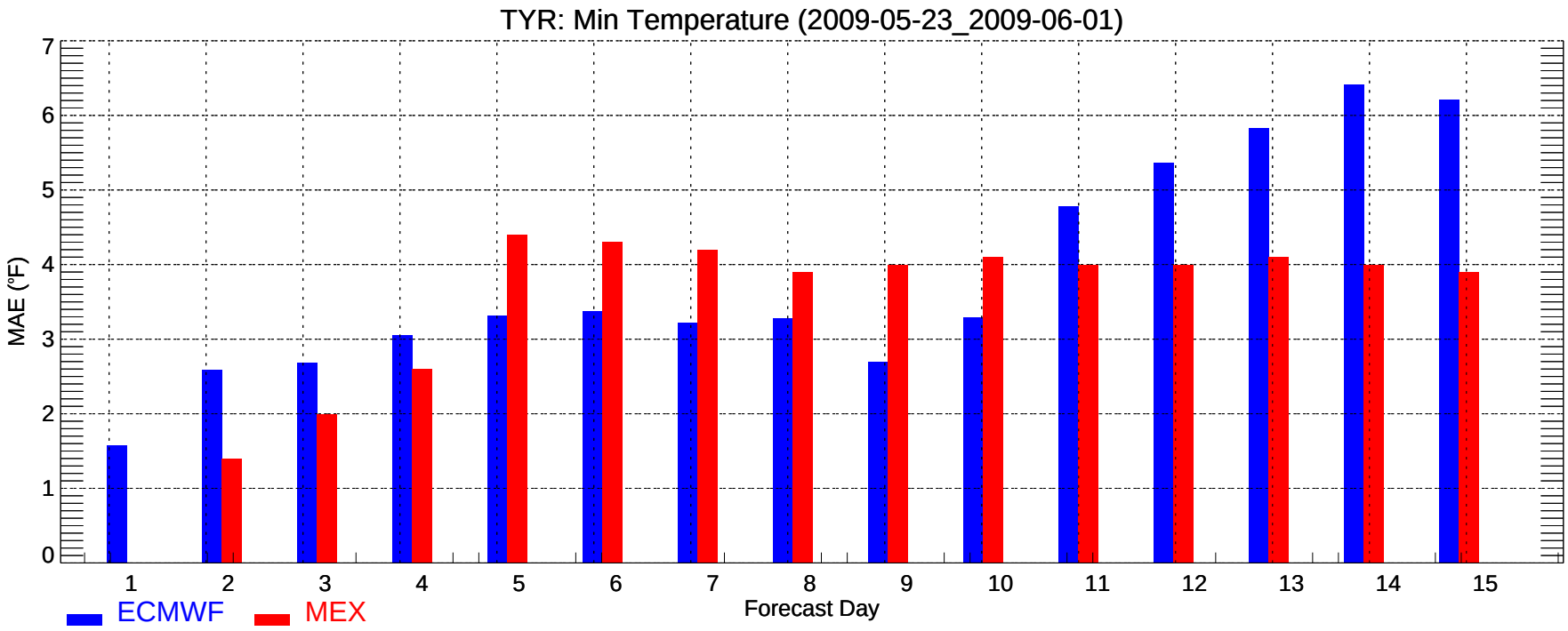
14
15
Forecast Day
ECMWF
MEX


TYR: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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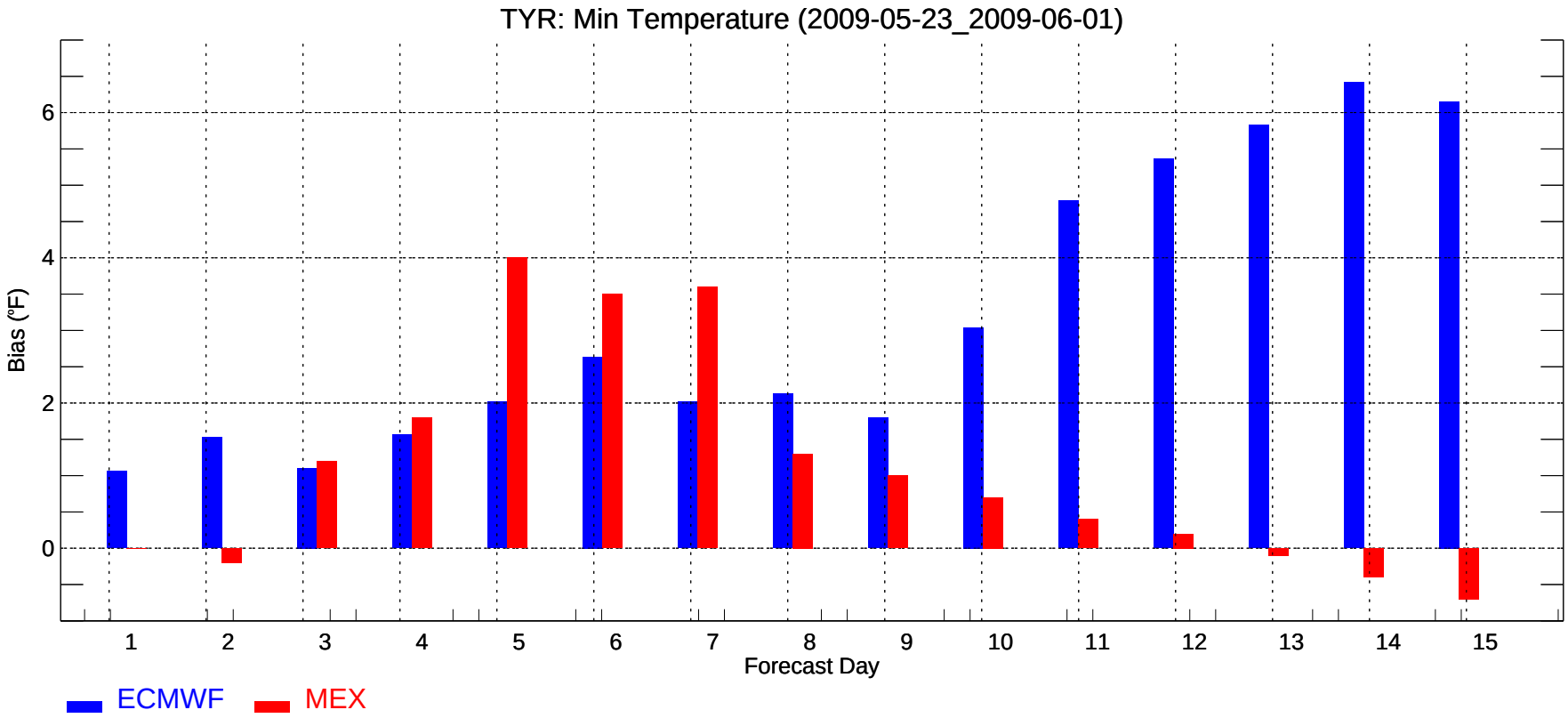
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TYR: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
1
2
3
4
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6
7
8
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12
13
14
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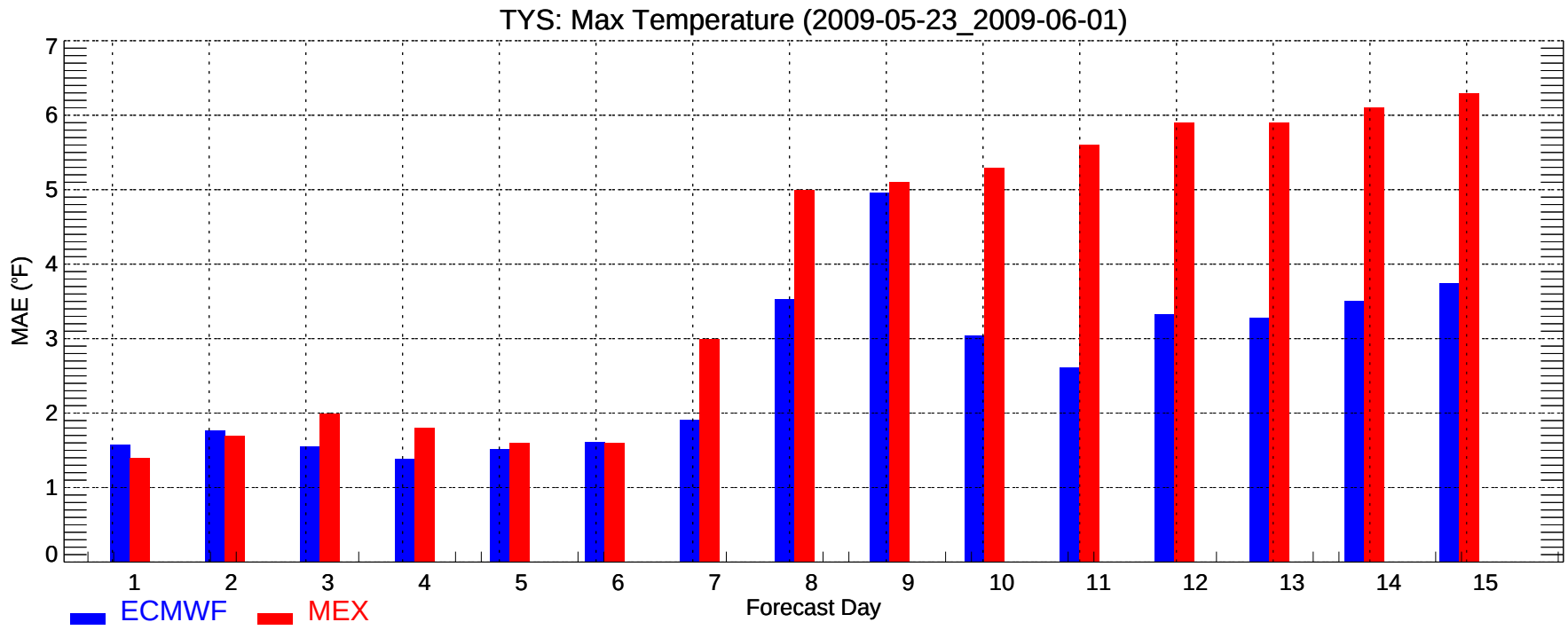
Forecast Day
ECMWF
MEX


TYS: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
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2
3
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6
7
8
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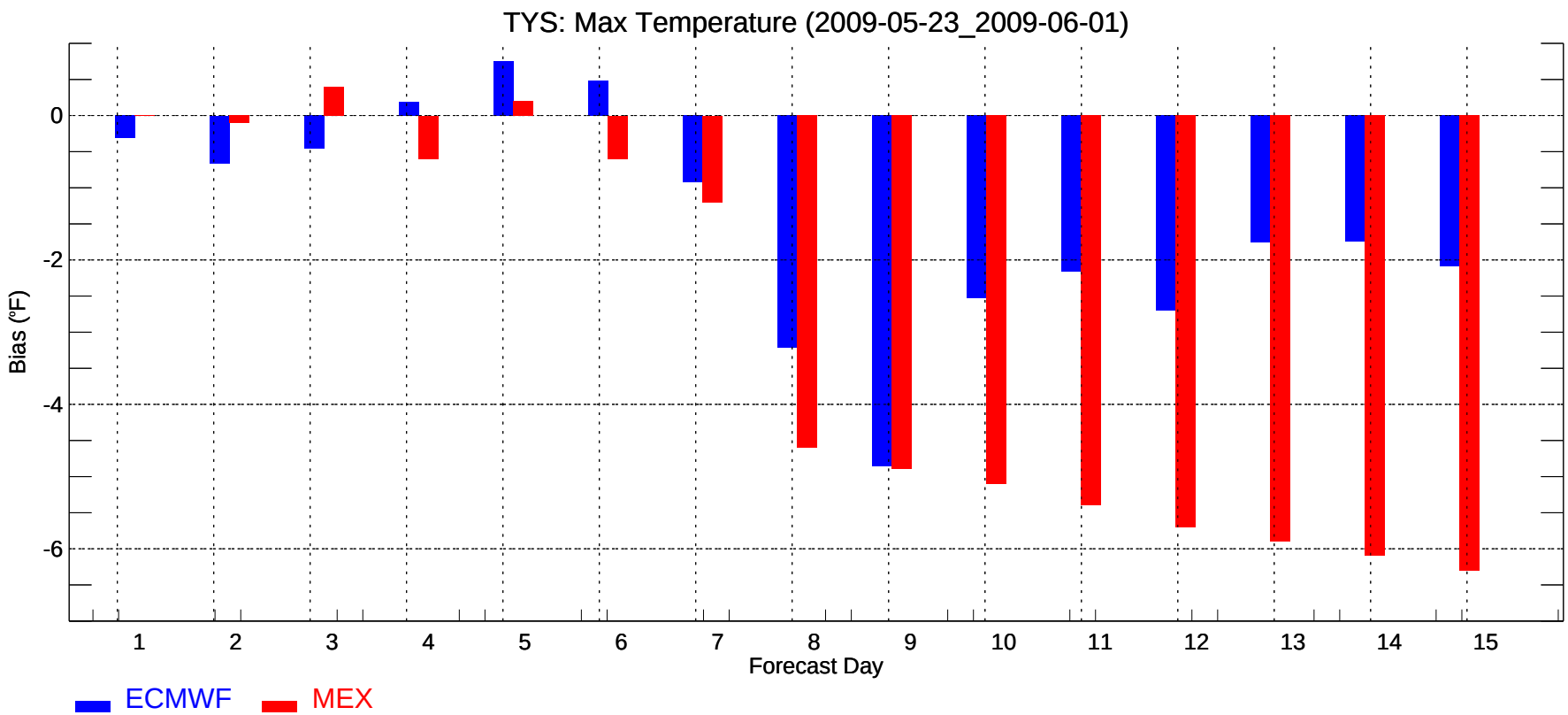
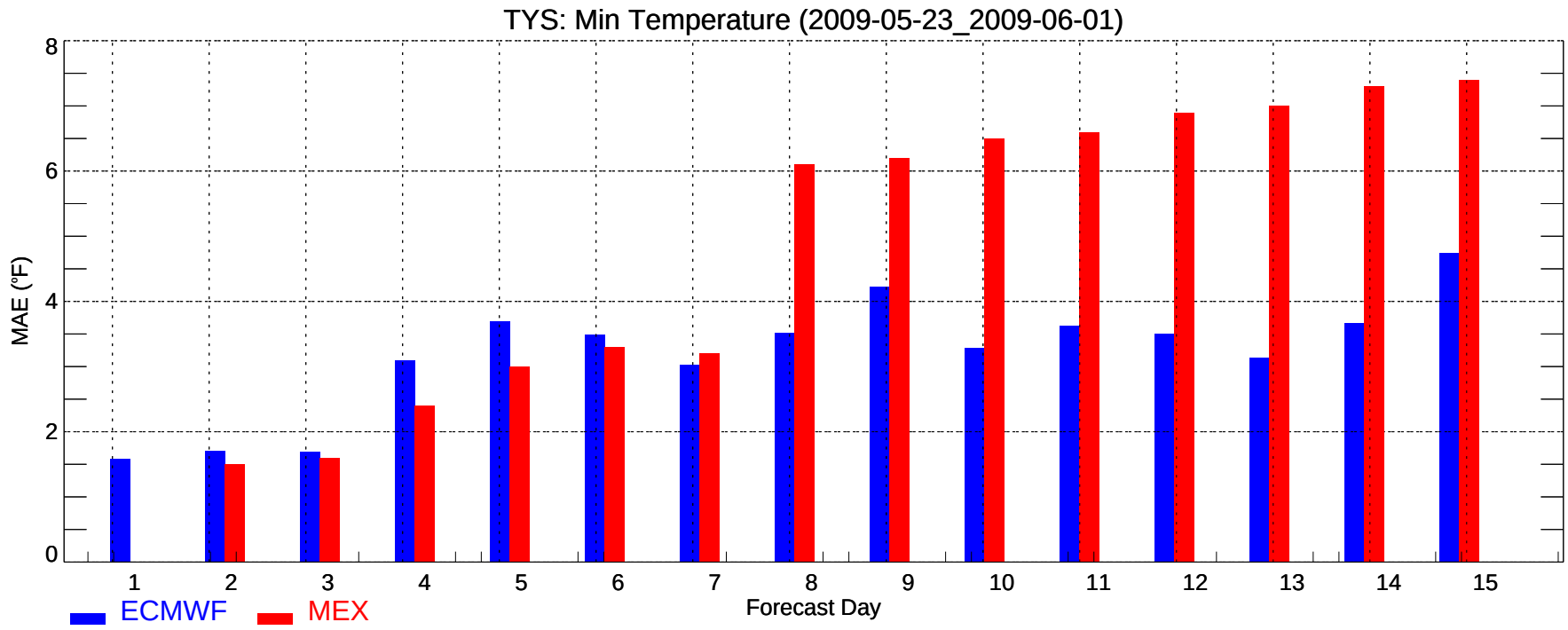
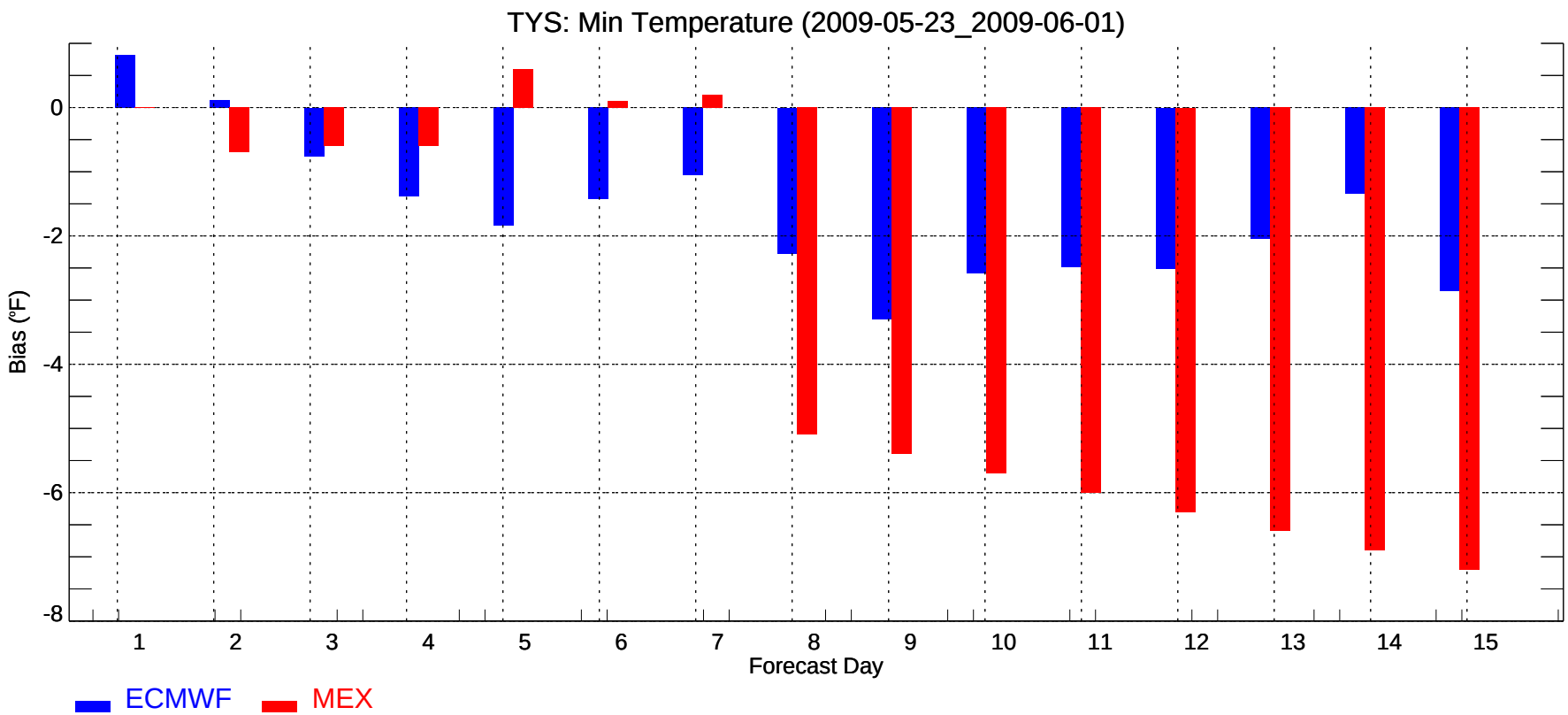
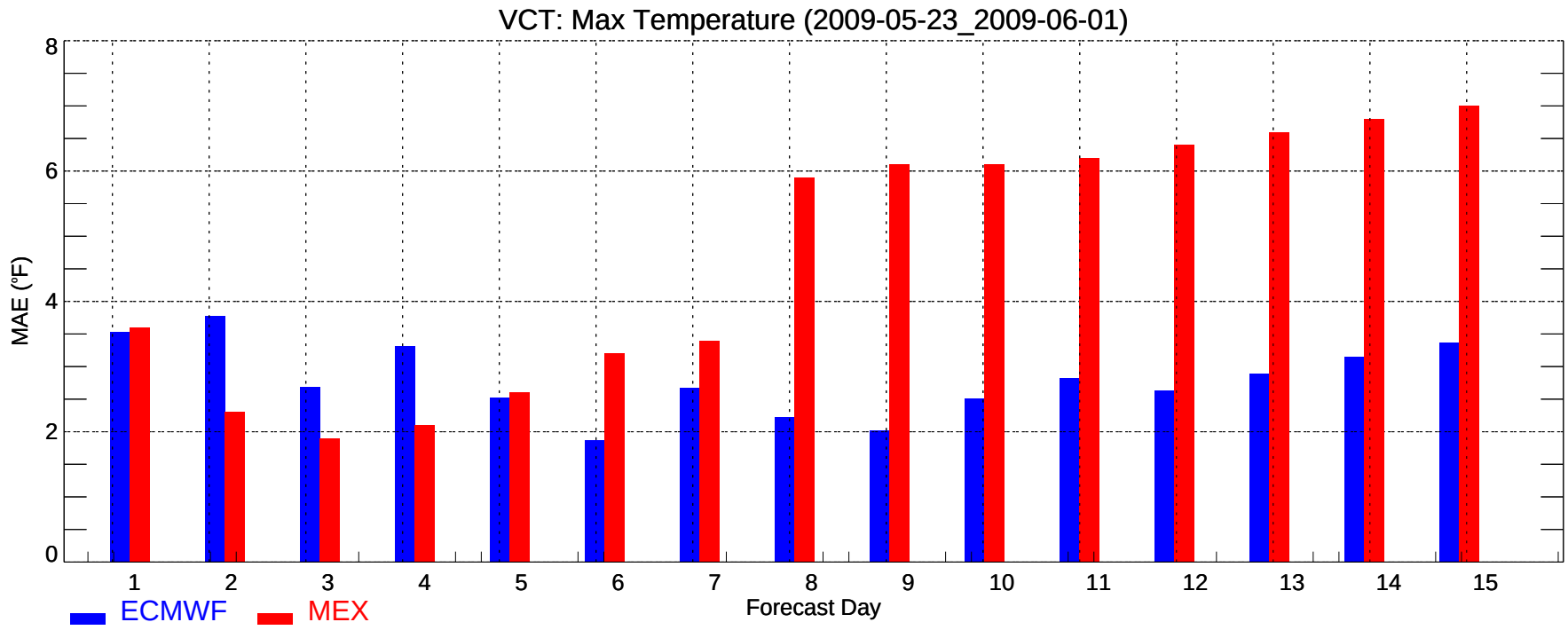
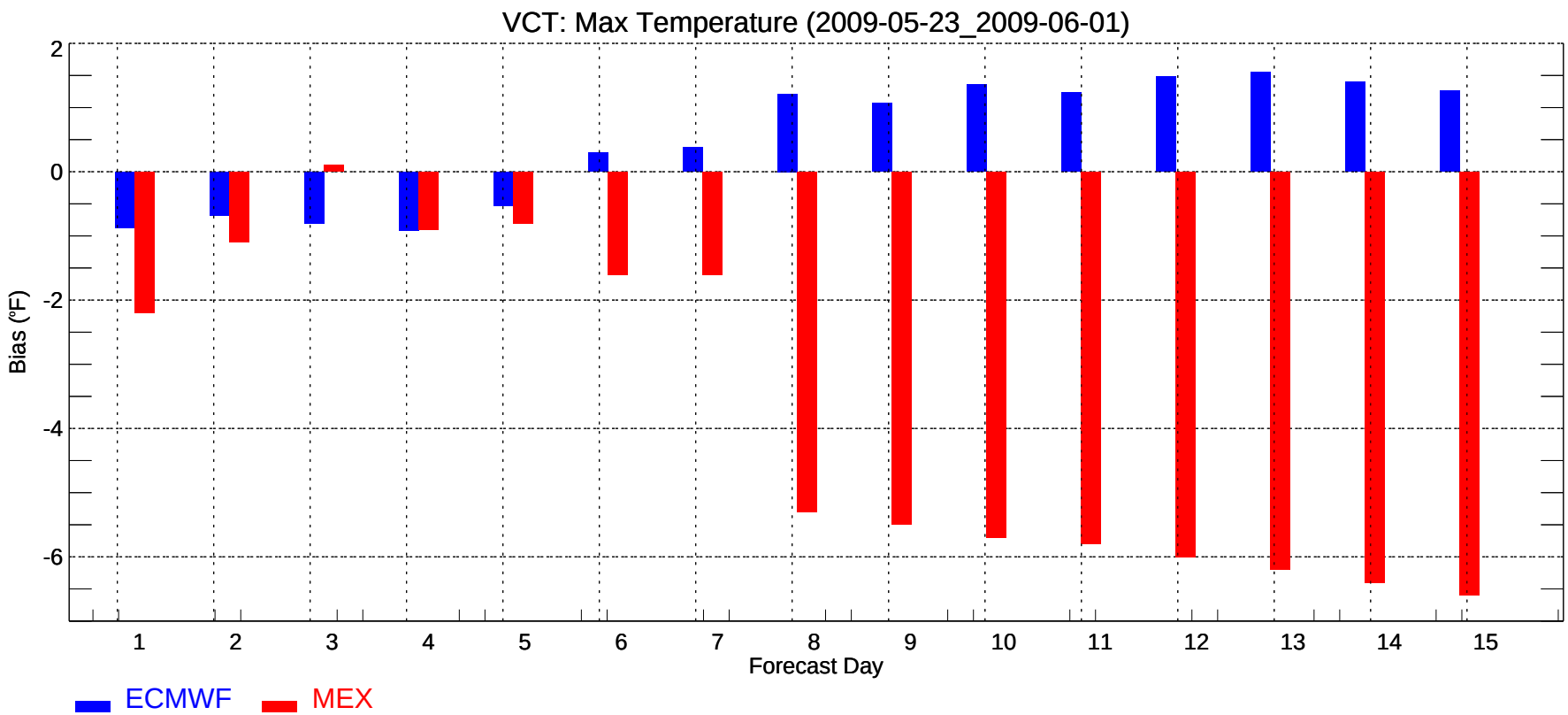
13
14
15
Forecast Day
ECMWF
MEX

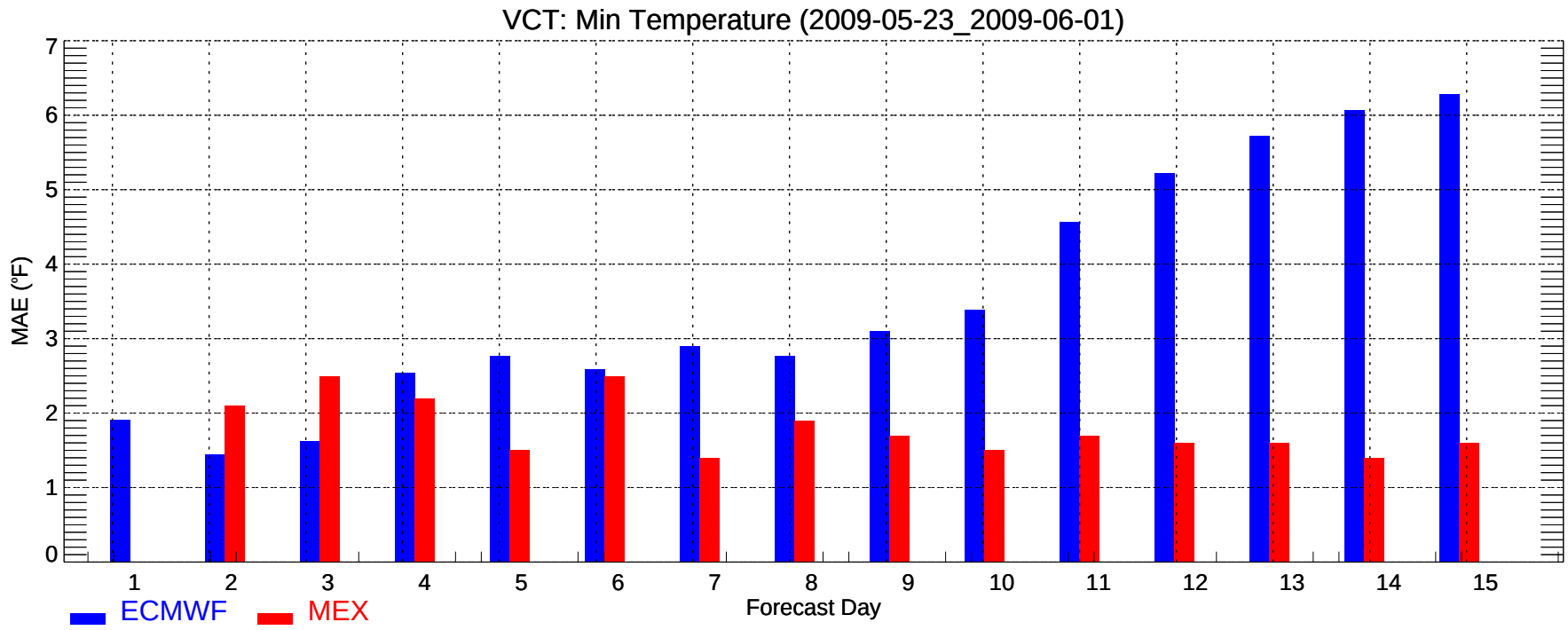

TYS: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TYS: Min Temperature (2009-05-23_2009-06-01)
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


TYS: Min Temperature (2009-05-23_2009-06-01)
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


VCT: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


VCT: Max Temperature (2009-05-23_2009-06-01)
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


VCT: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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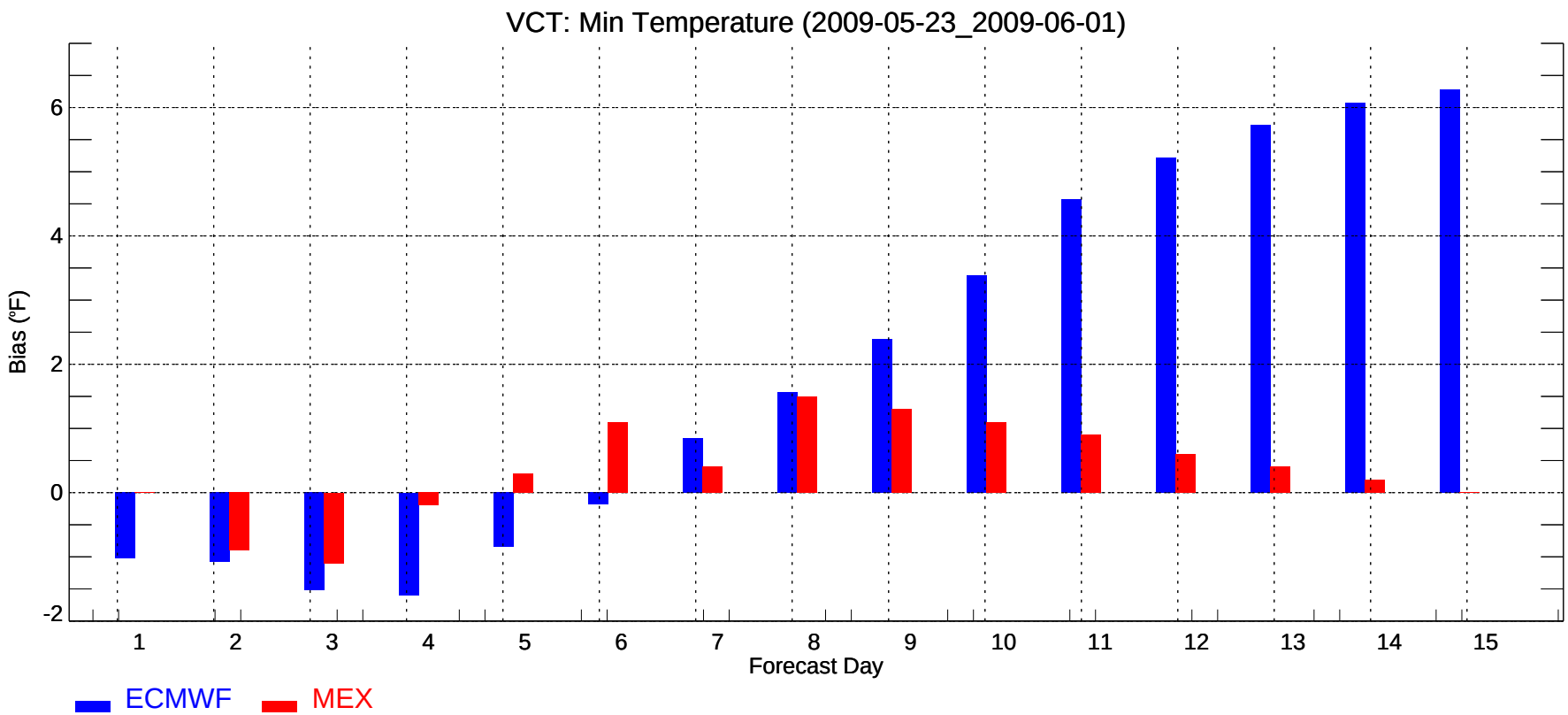
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


VCT: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
-2
0
2
4
6
1
2
3
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5
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7
8
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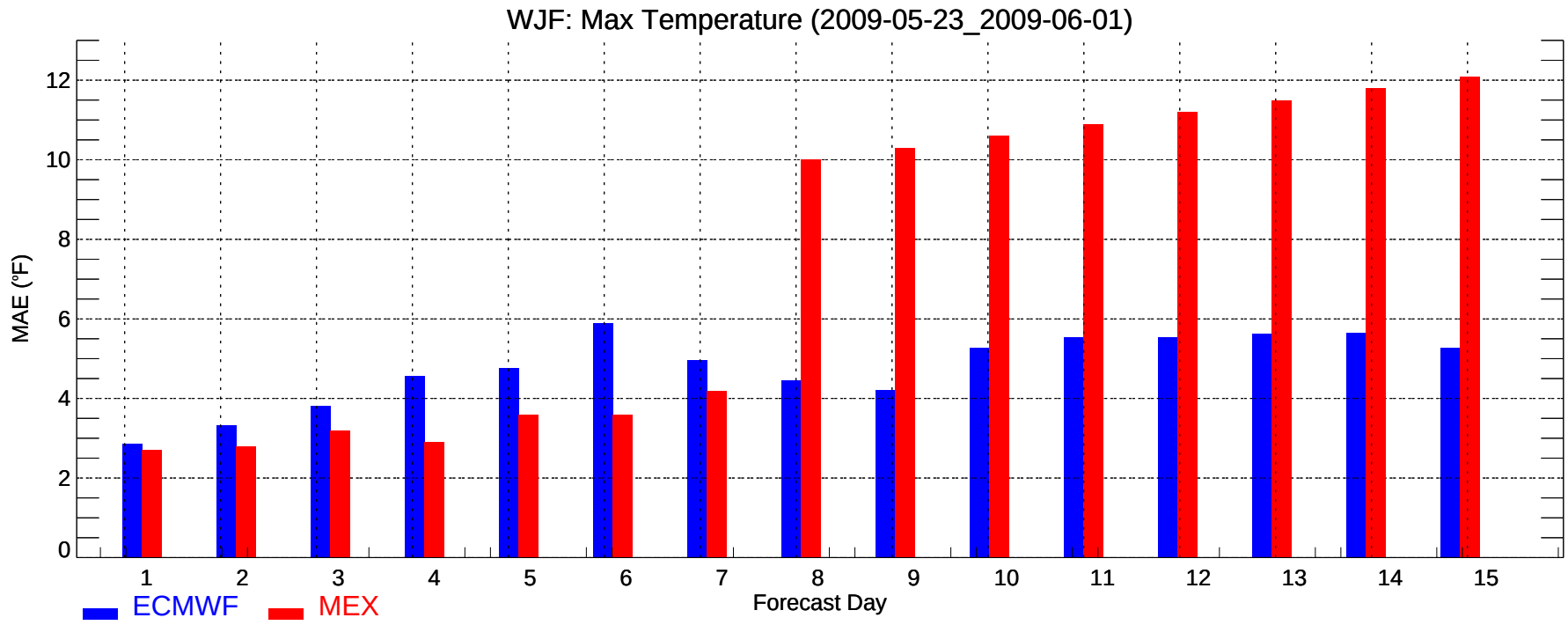
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


WJF: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
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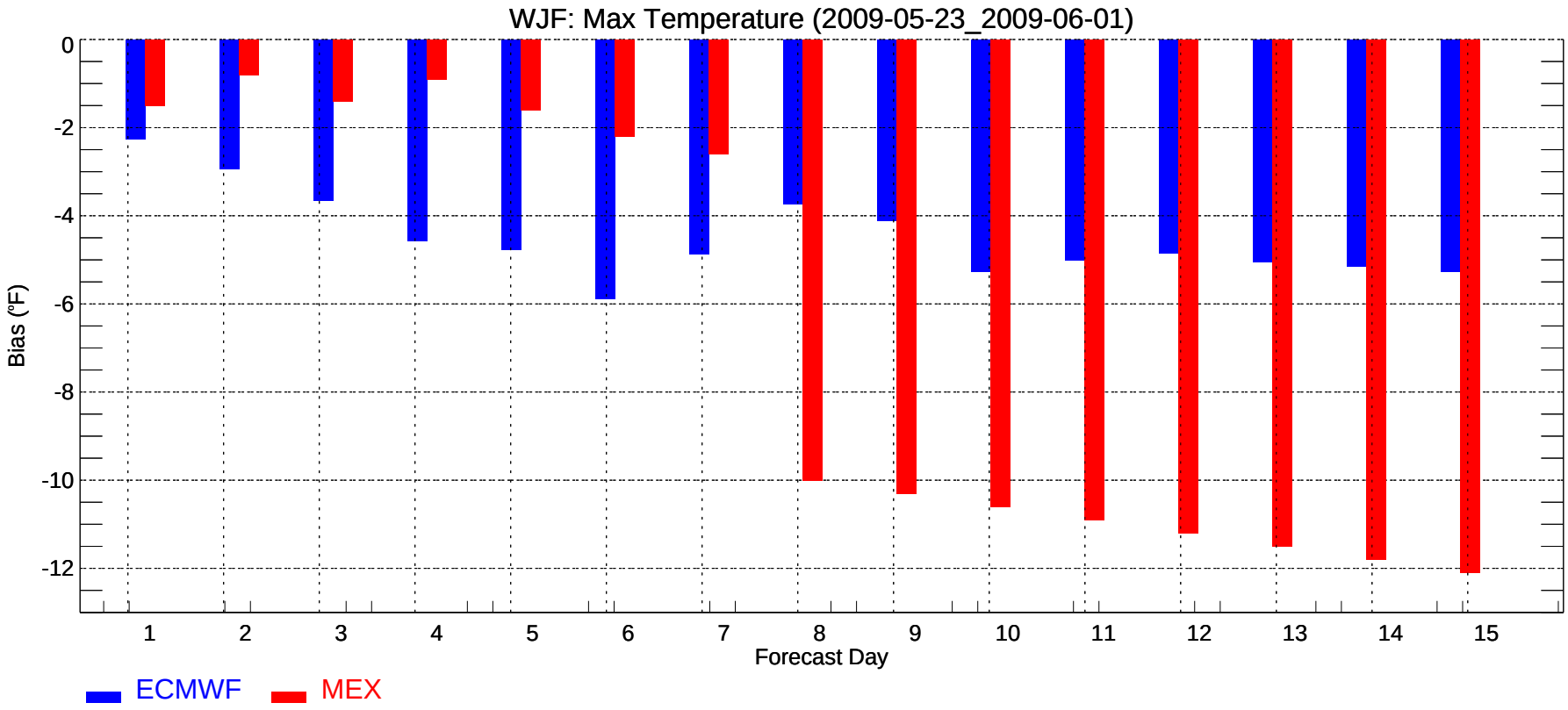
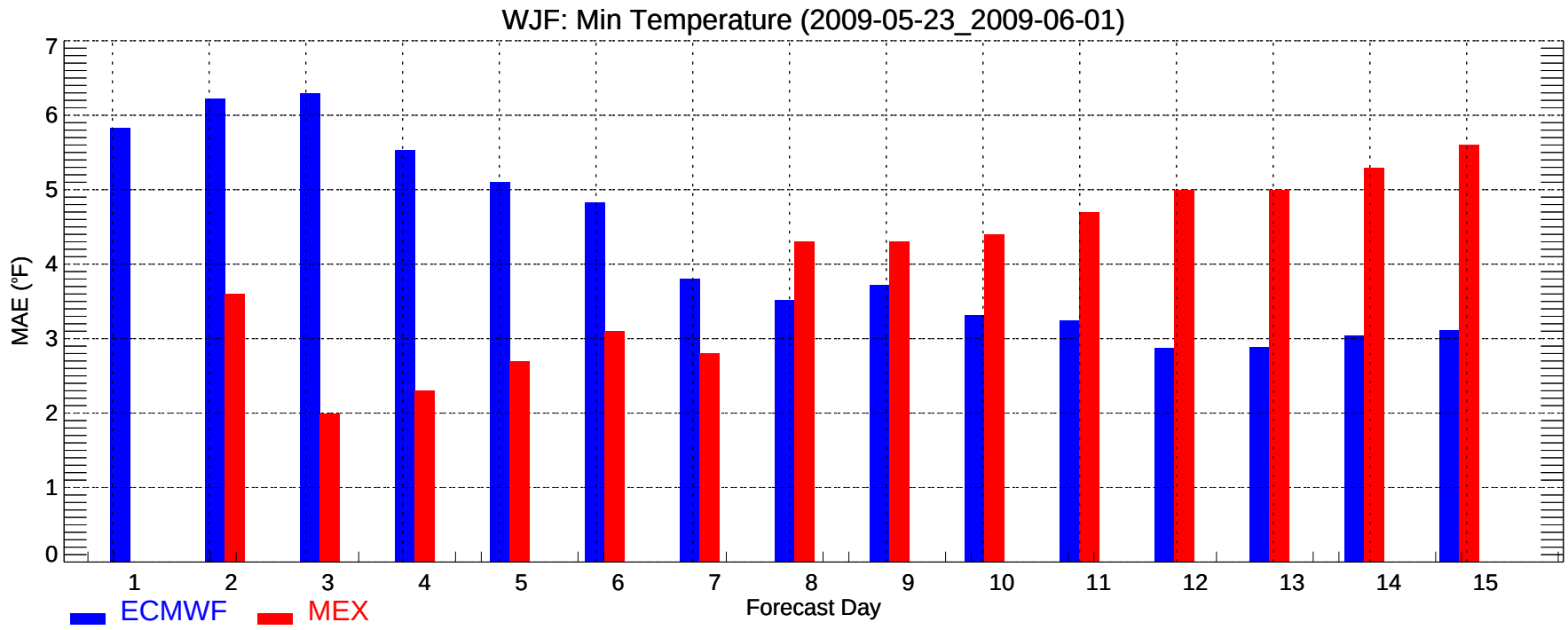
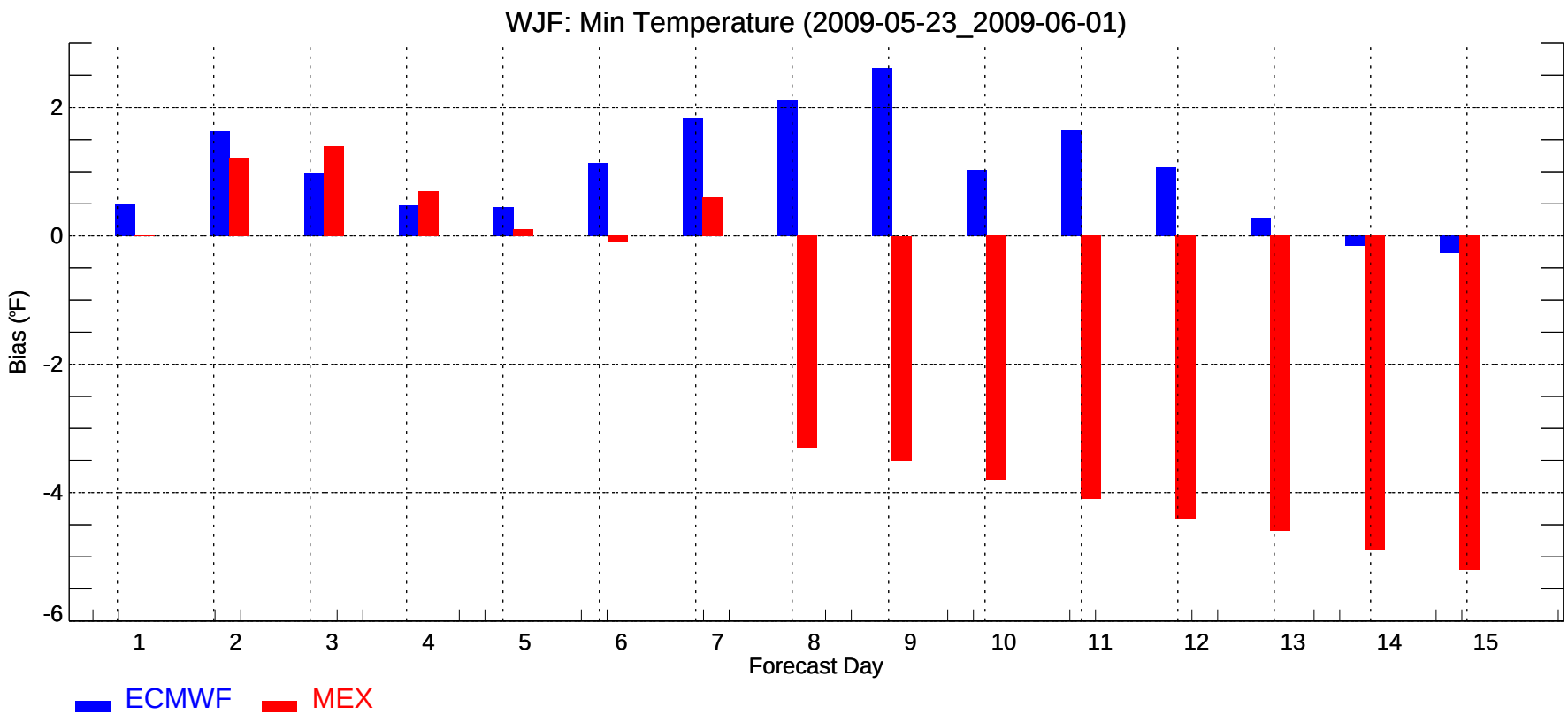
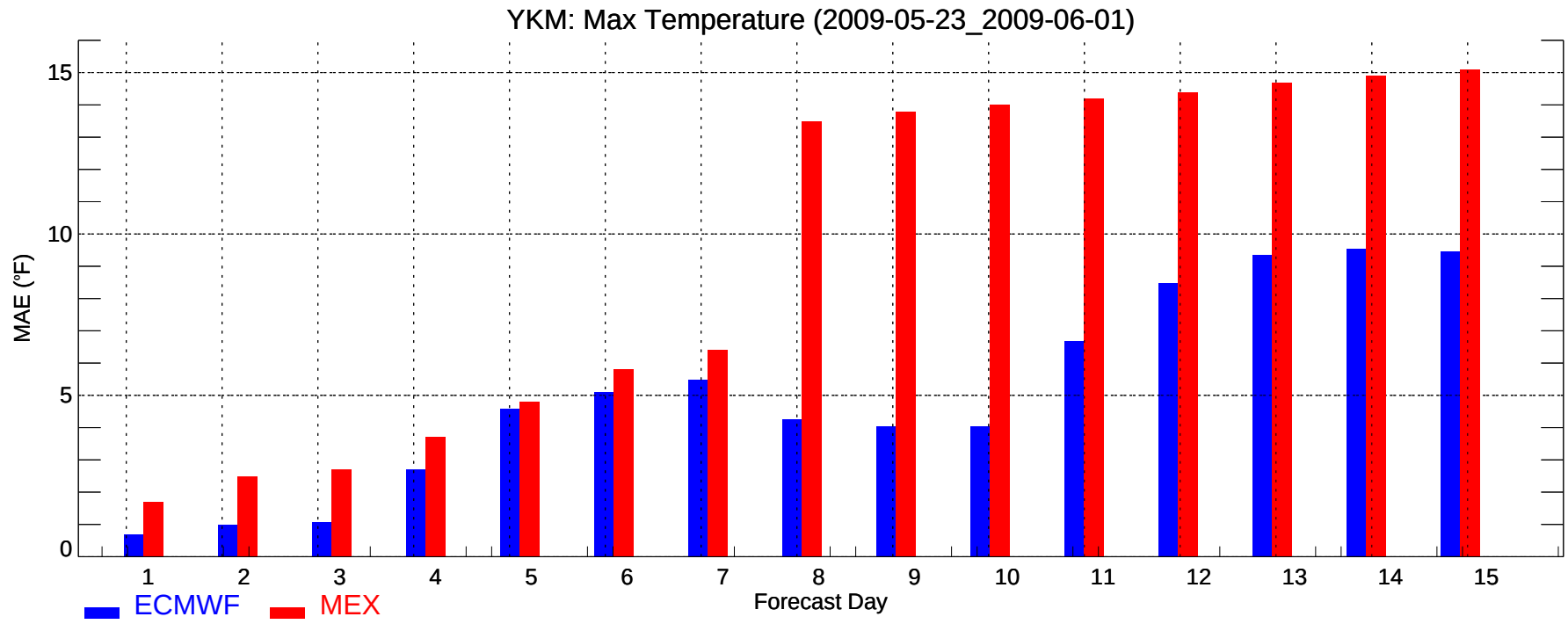
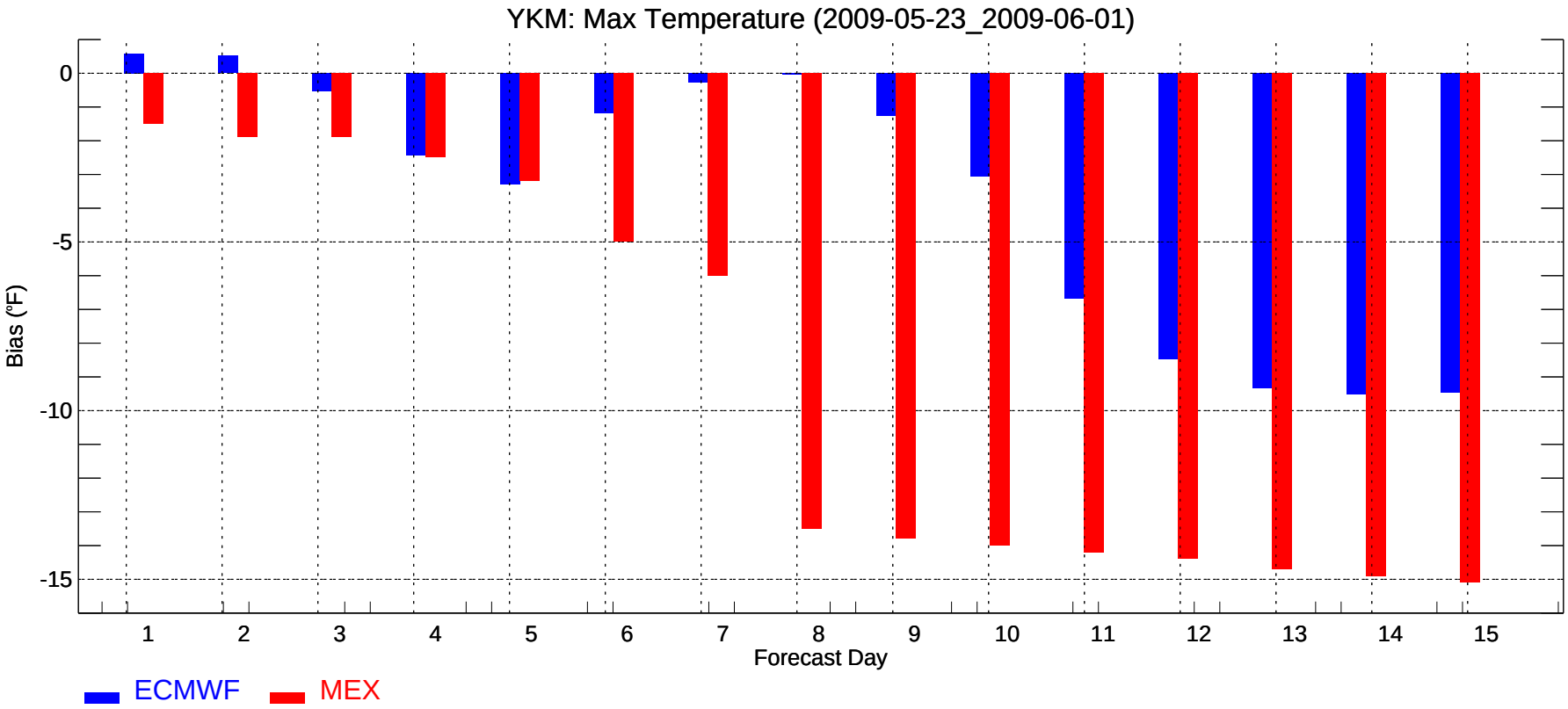
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

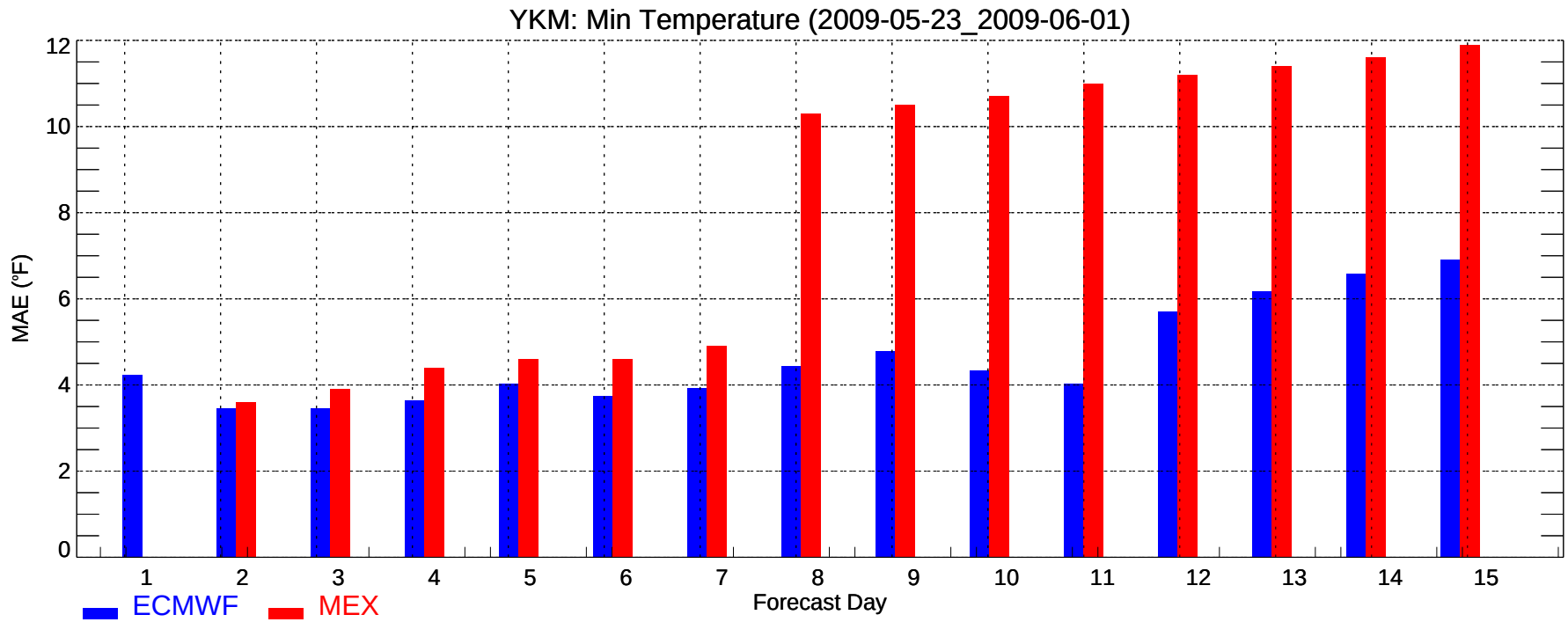

WJF: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

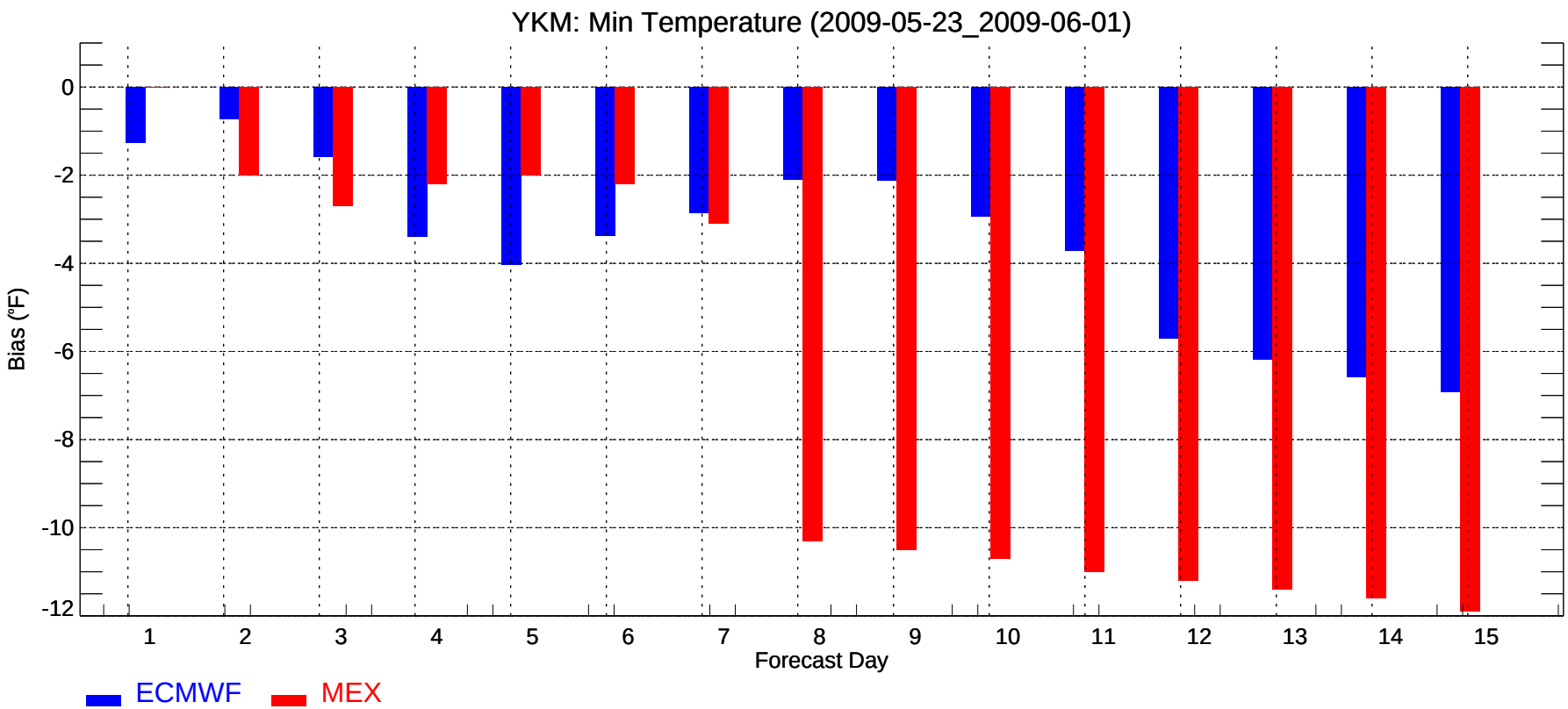

WJF: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


WJF: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YKM: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YKM: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-5
-10
-15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YKM: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YKM: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
-12
1
2
3
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5
6
7
8
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10
11
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13
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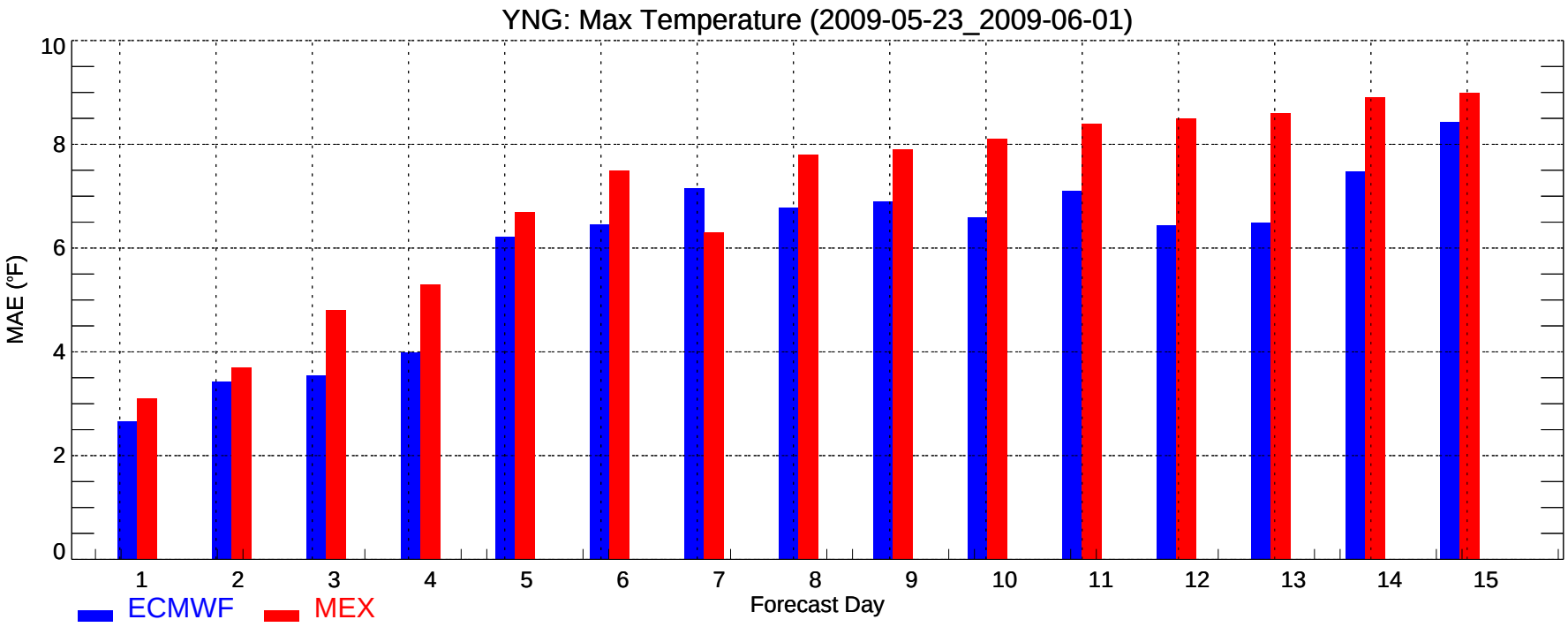
Forecast Day
ECMWF
MEX


YNG: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
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1
2
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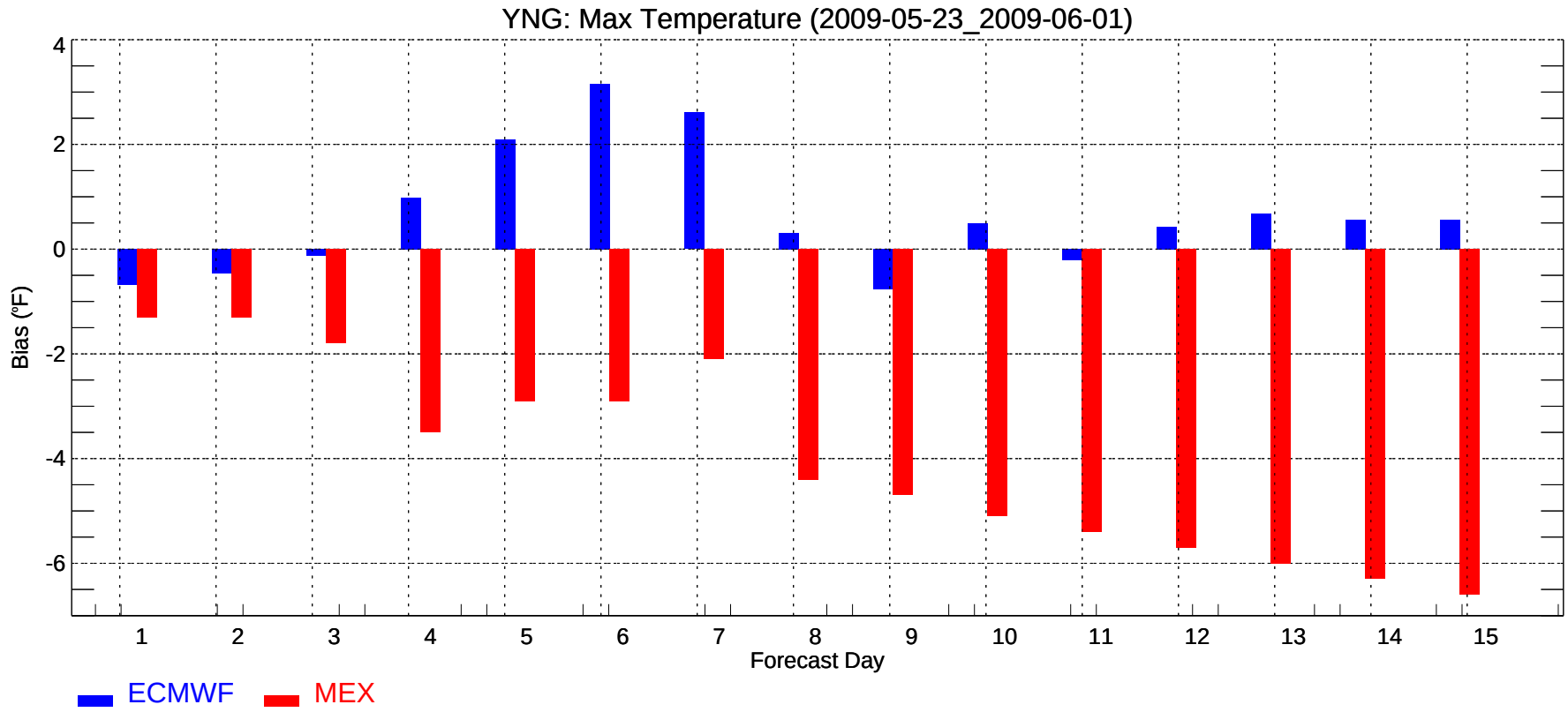
Forecast Day
ECMWF
MEX


YNG: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
2
0
-2
-4
-6
1
2
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8
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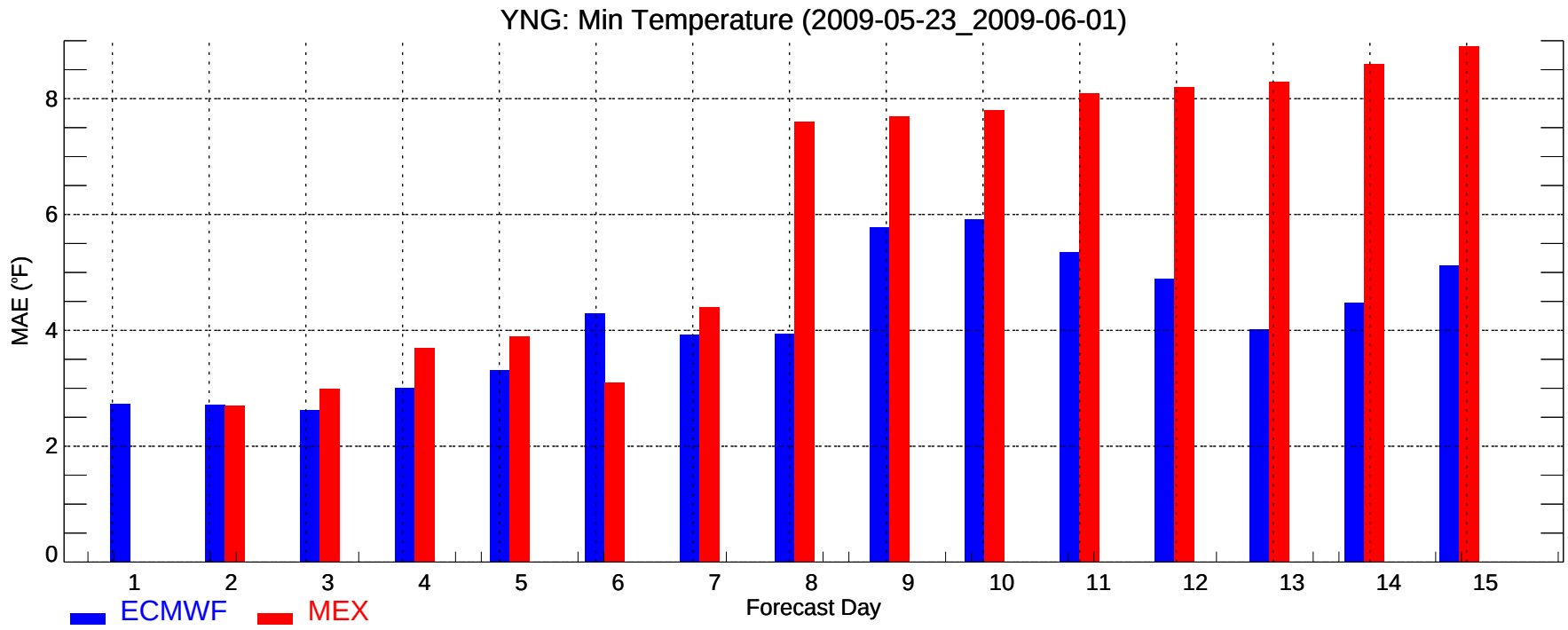
Forecast Day
ECMWF
MEX


YNG: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
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2
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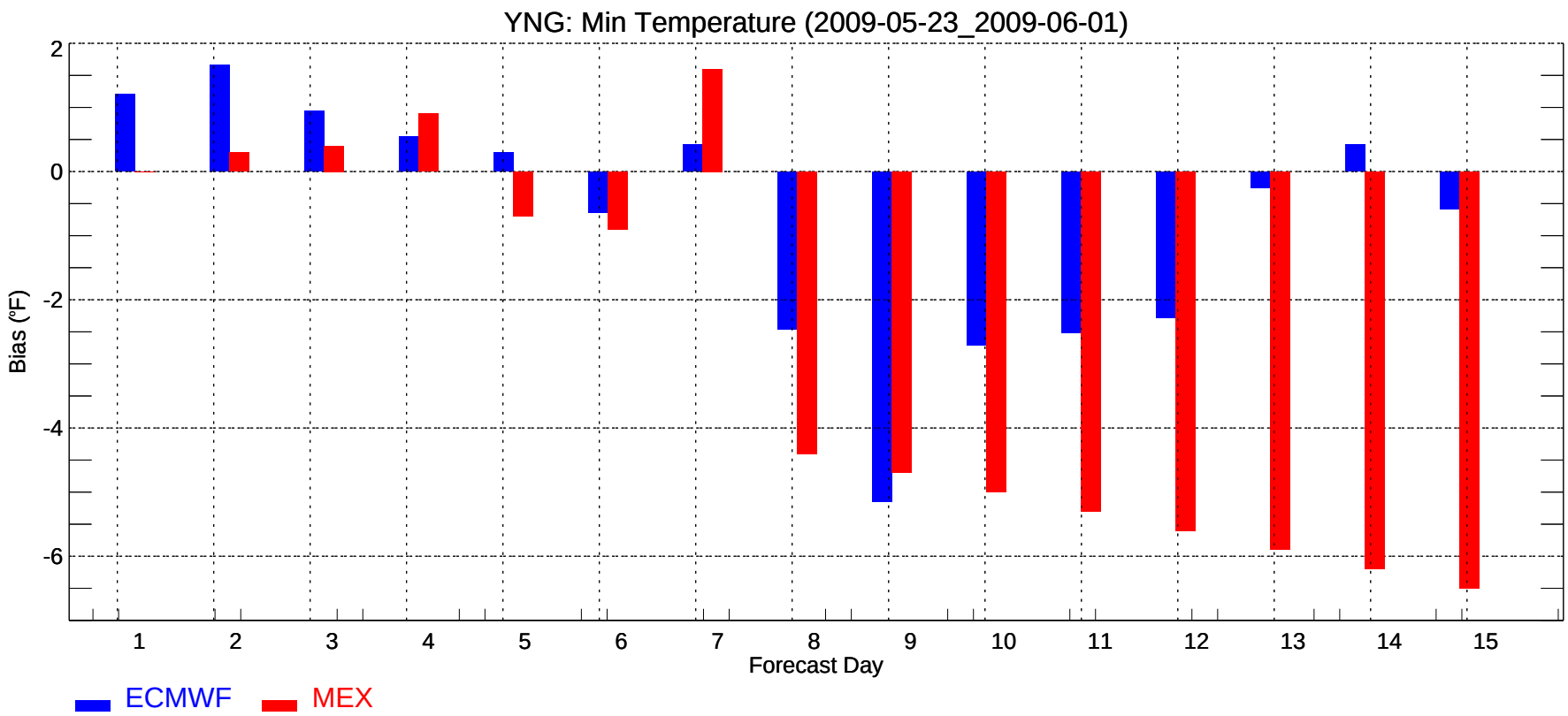
Forecast Day
ECMWF
MEX


YNG: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
2
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7
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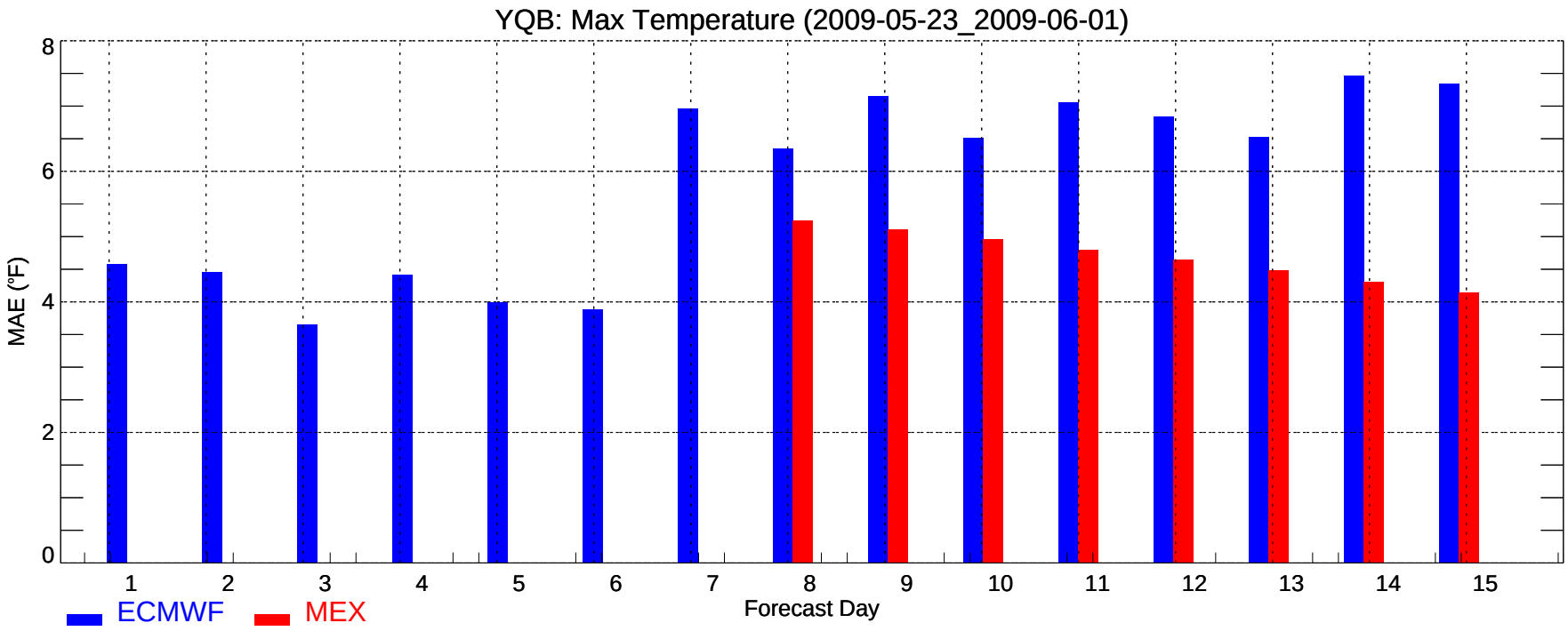
Forecast Day
ECMWF
MEX


YQB: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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2
4
6
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1
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6
7
8
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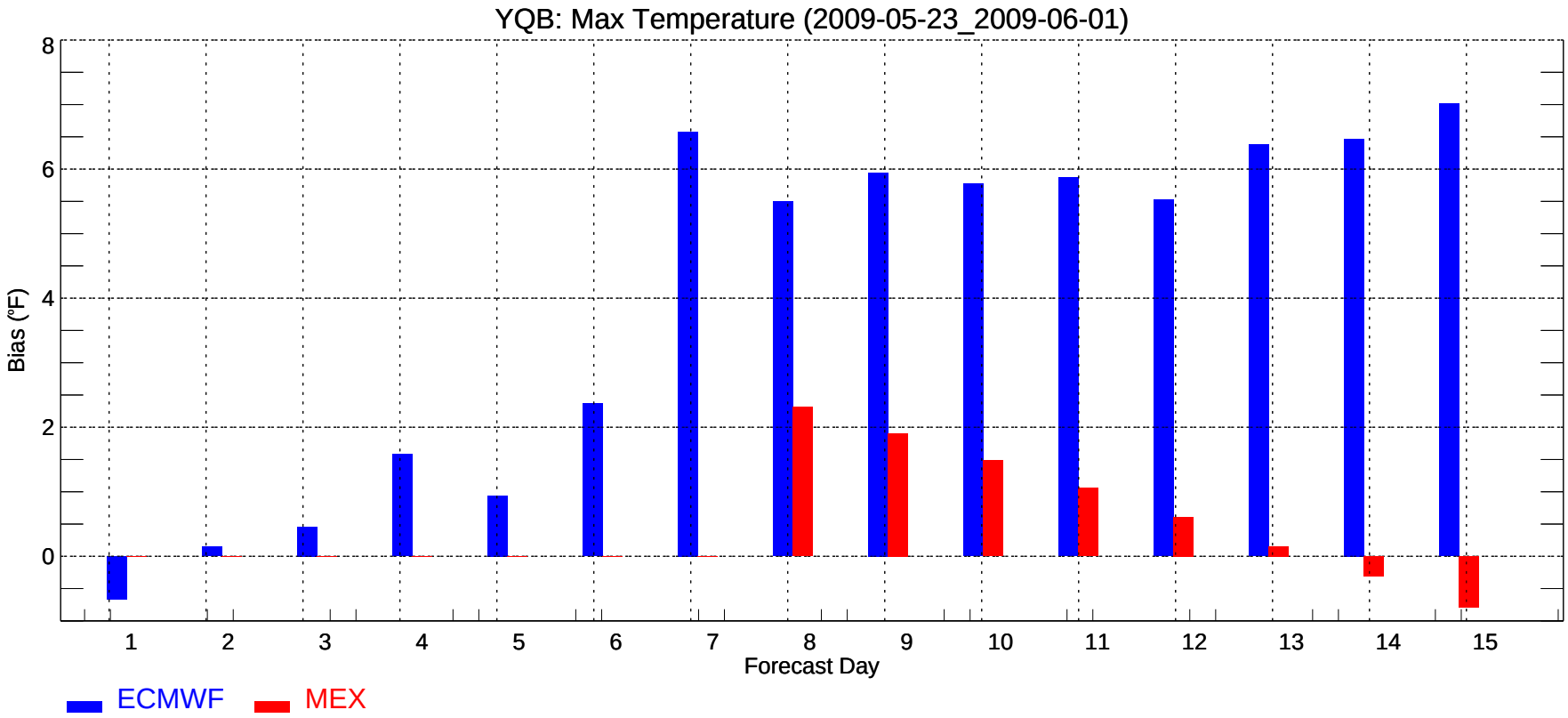
12
13
14
15
Forecast Day
ECMWF
MEX


YQB: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
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2
3
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7
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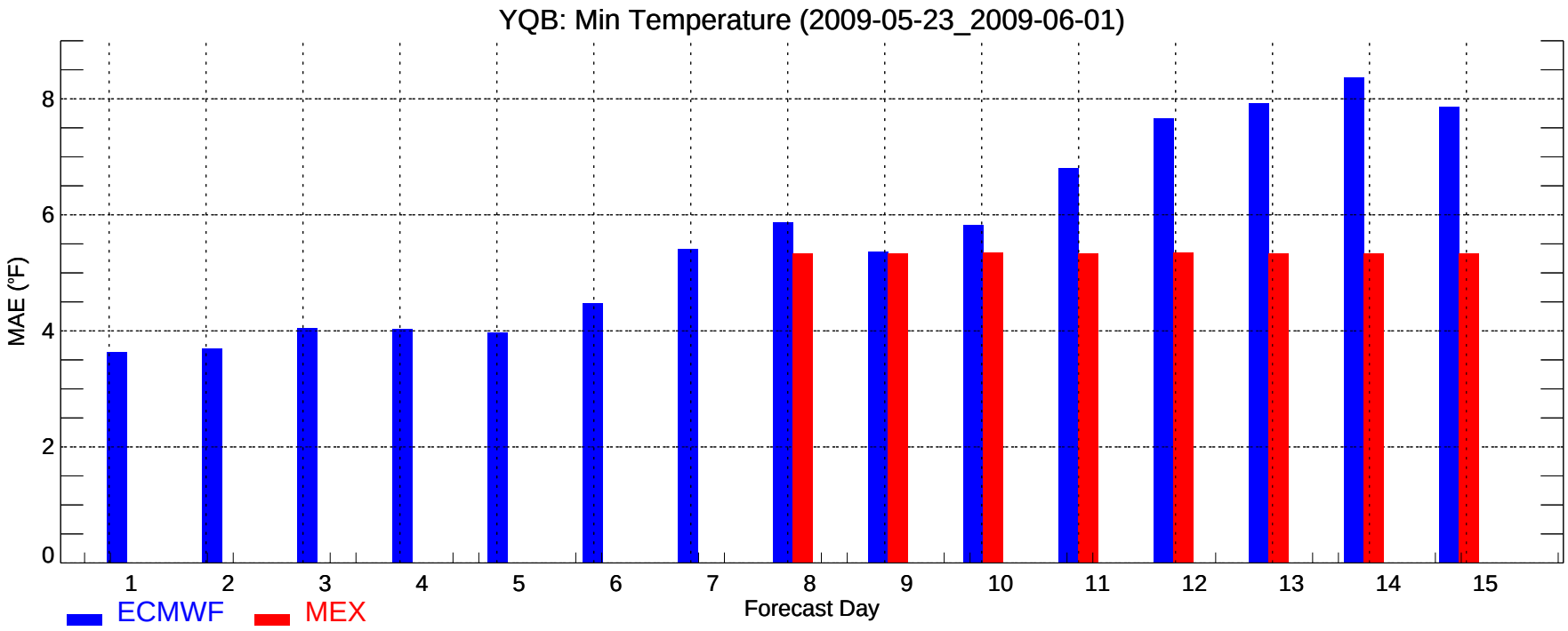
Forecast Day
ECMWF
MEX


YQB: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
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5
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7
8
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13
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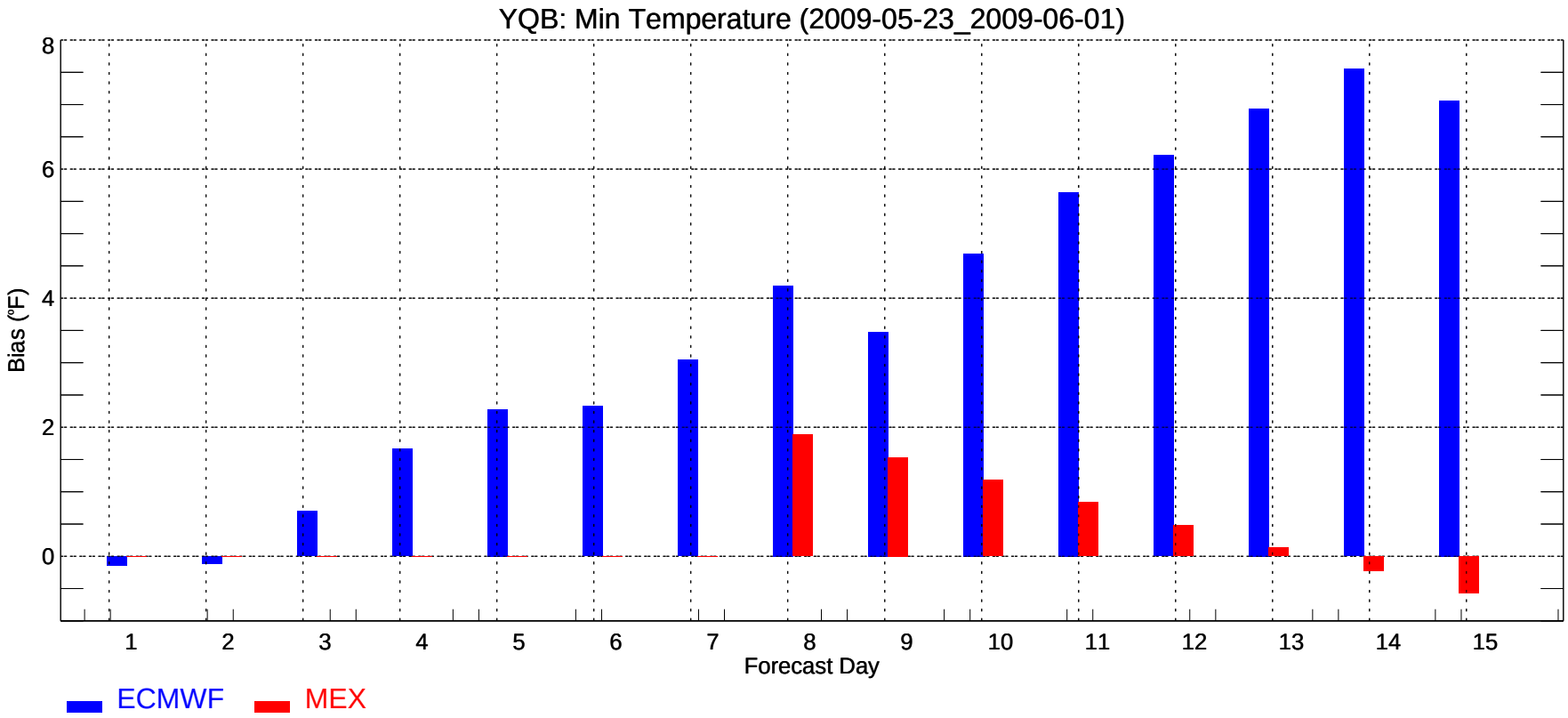
Forecast Day
ECMWF
MEX


YQB: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
1
2
3
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7
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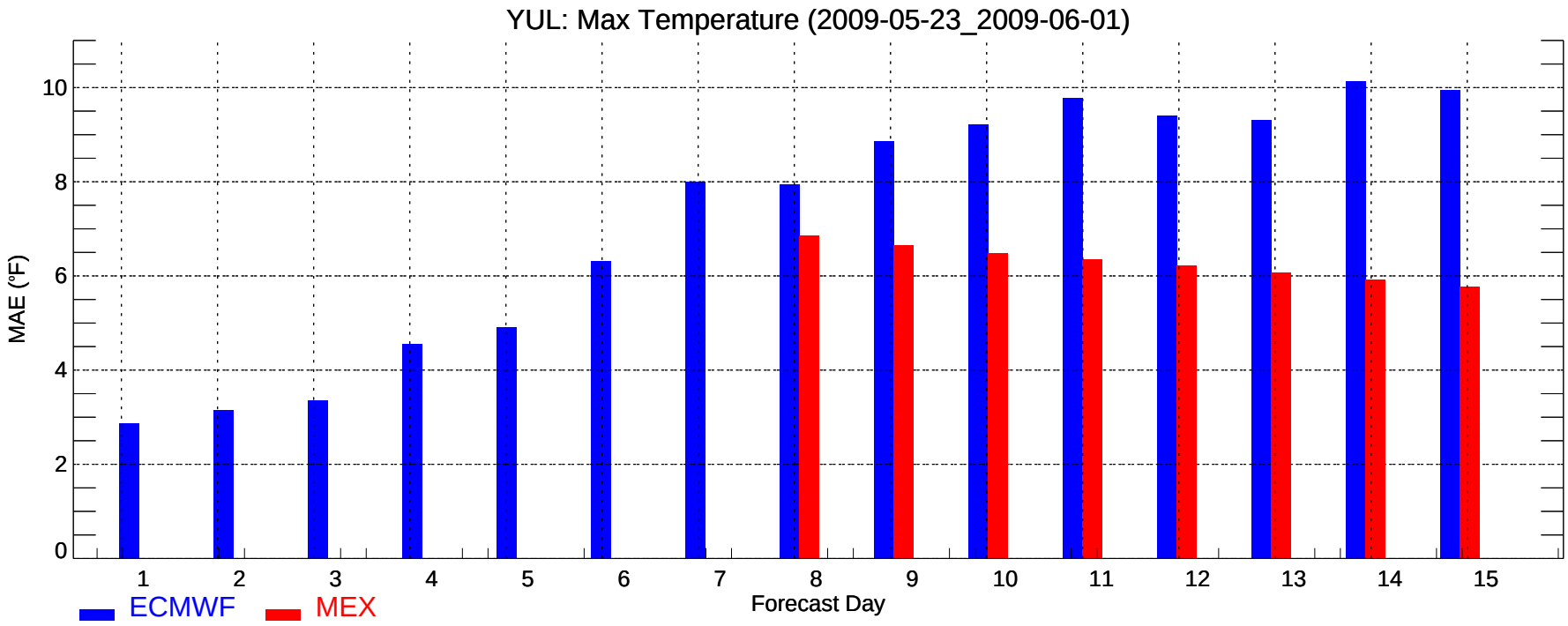
Forecast Day
ECMWF
MEX


YUL: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
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2
4
6
8
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6
7
8
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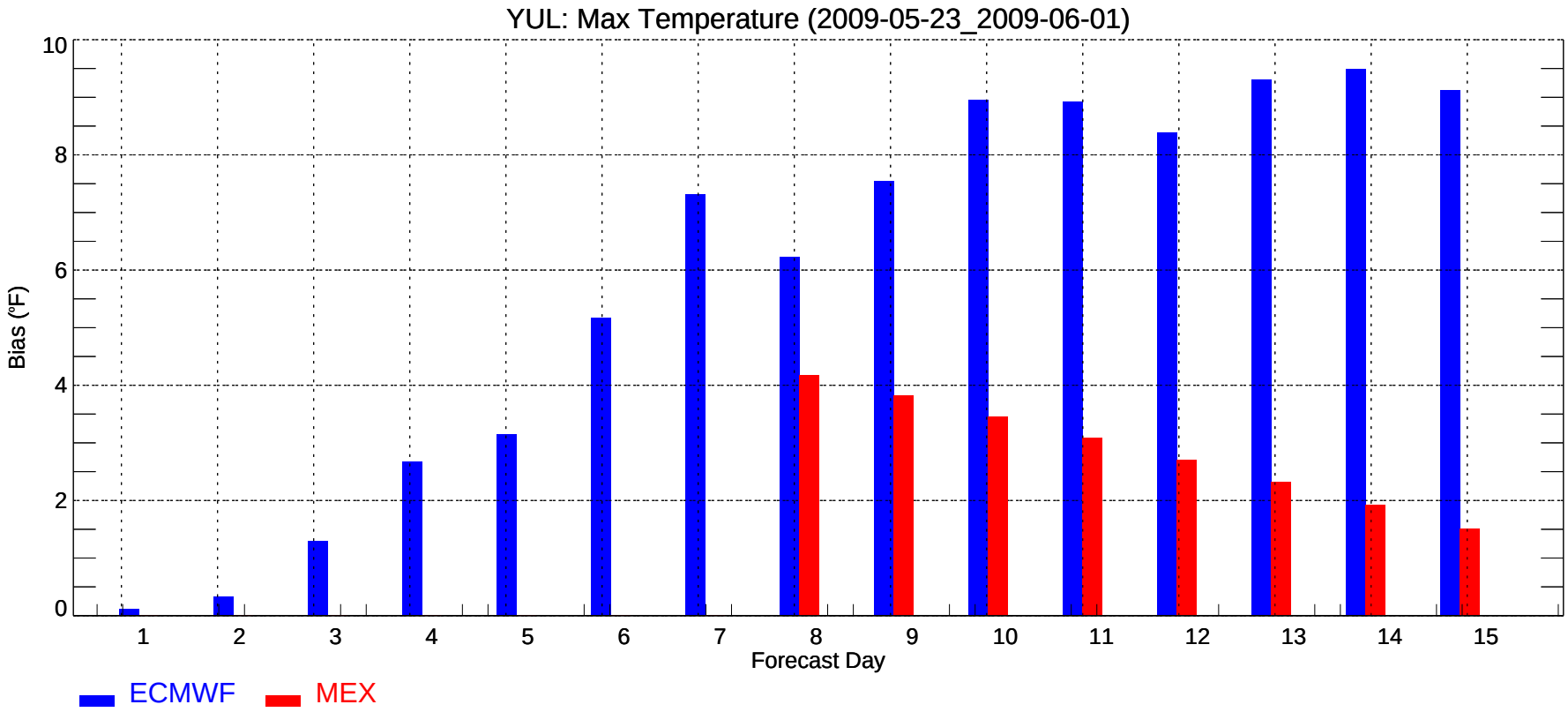
11
12
13
14
15
Forecast Day
ECMWF
MEX


YUL: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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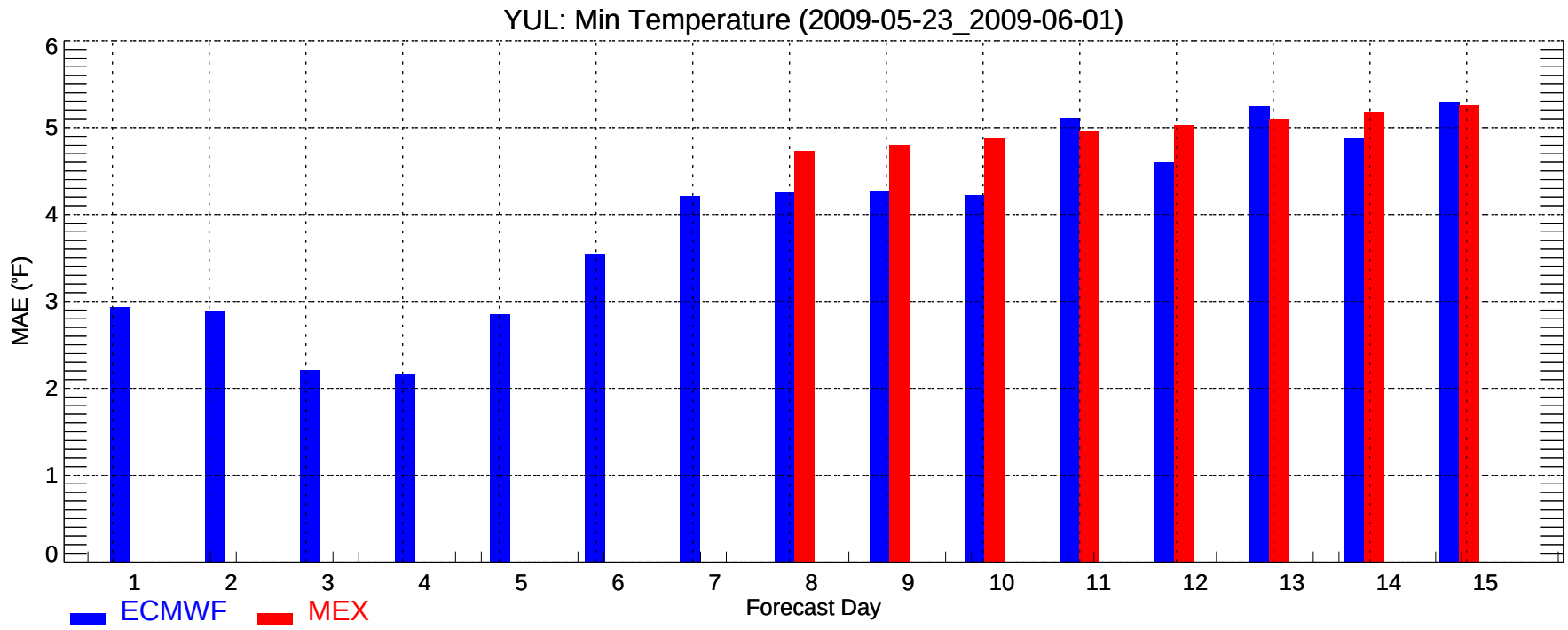
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YUL: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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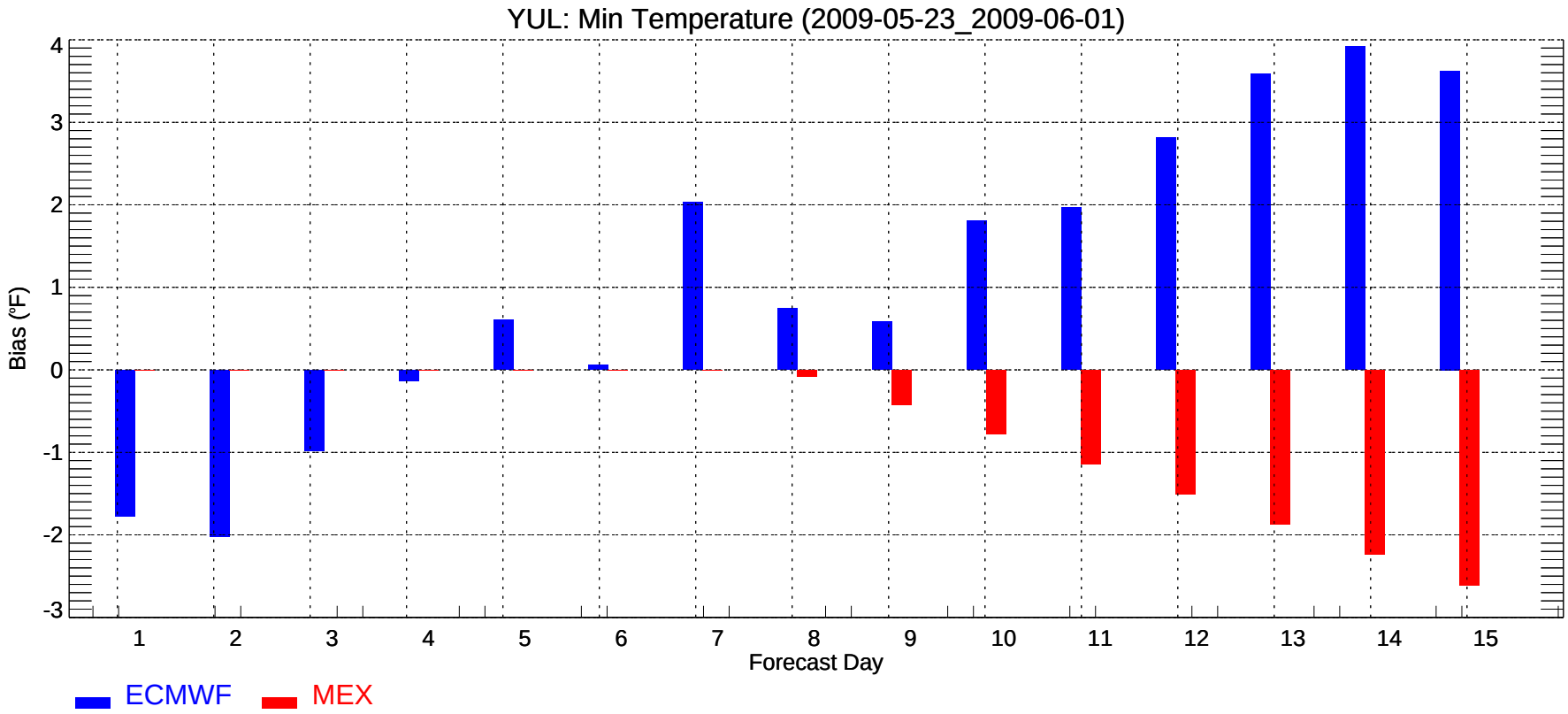
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YUL: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
3
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5
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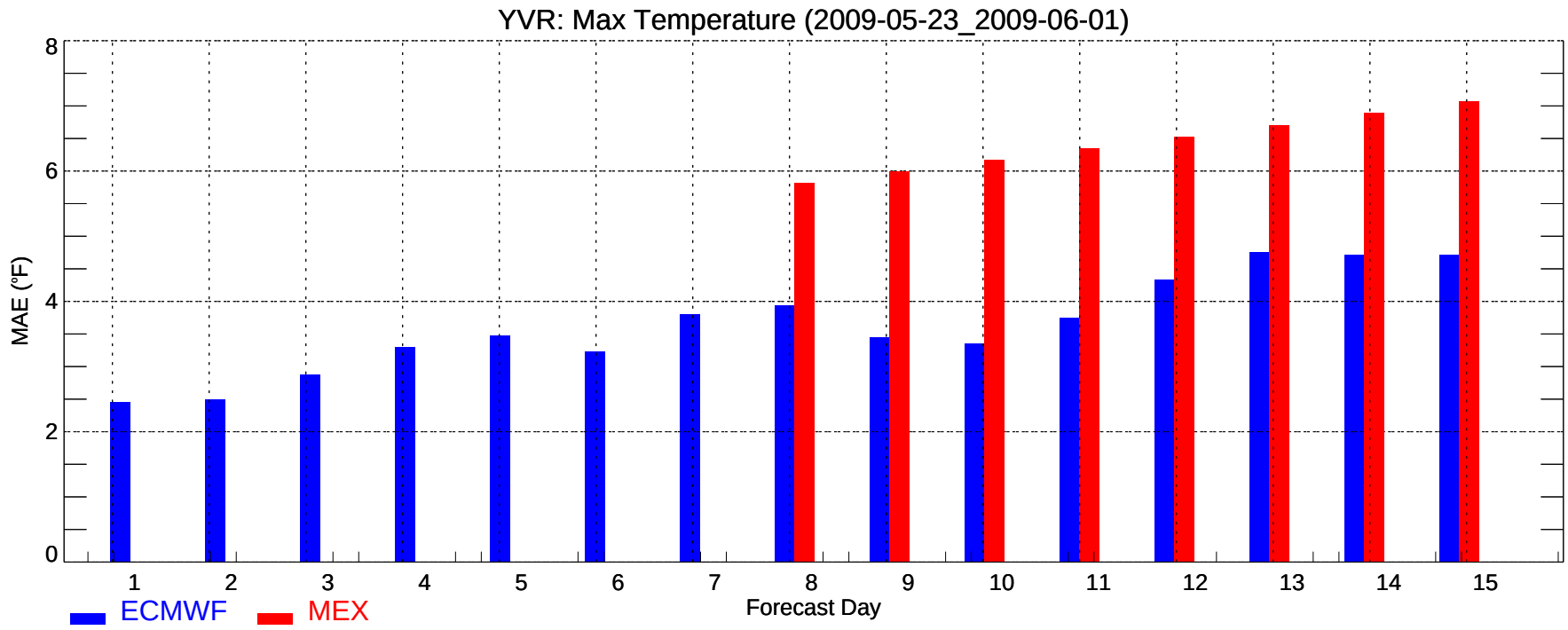
Forecast Day
ECMWF
MEX


YVR: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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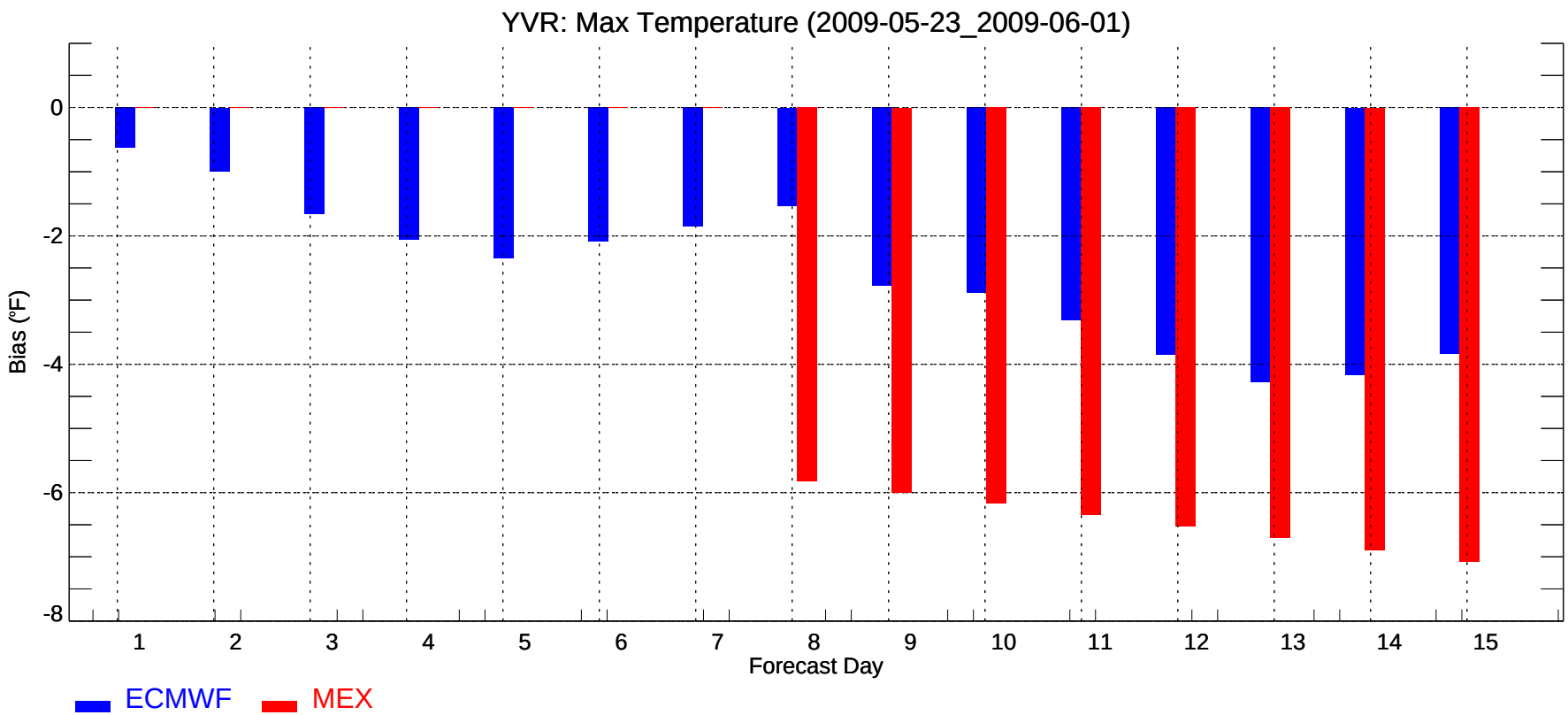
11
12
13
14
15
Forecast Day
ECMWF
MEX


YVR: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
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8
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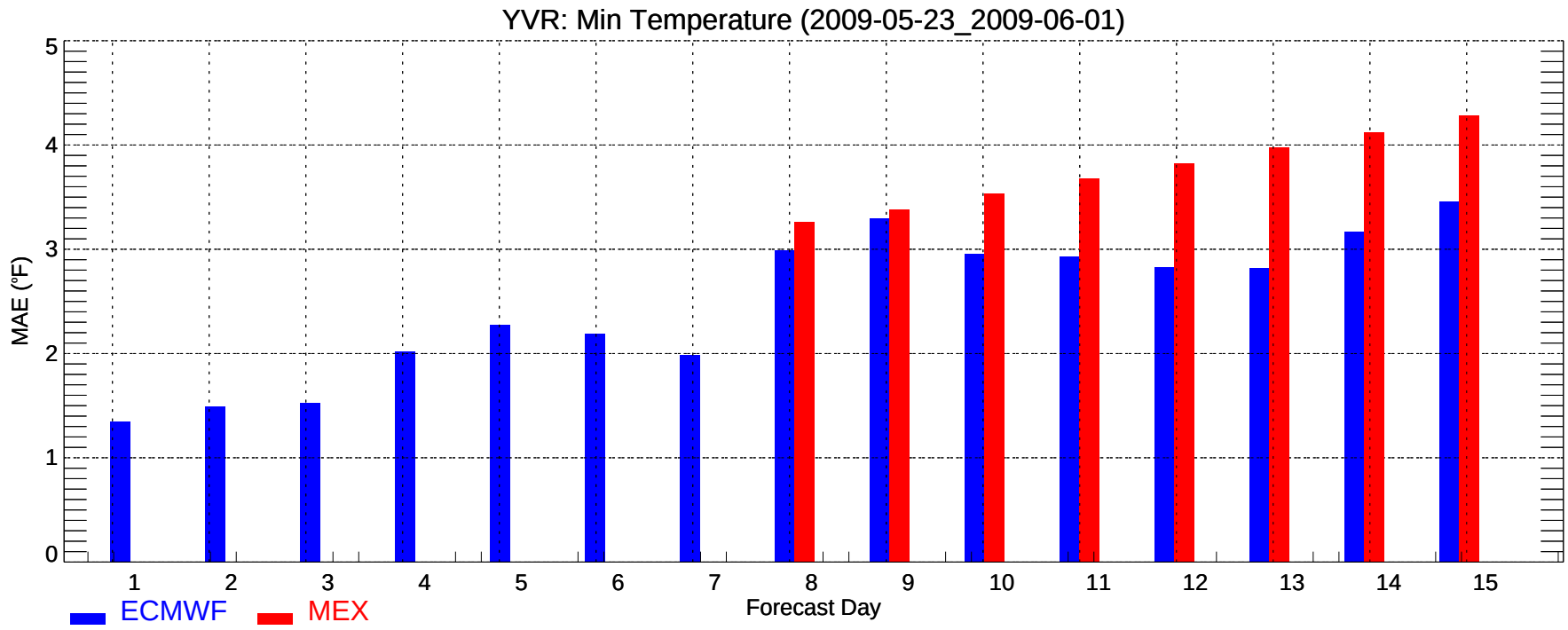
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YVR: Min Temperature (2009-05-23_2009-06-01)
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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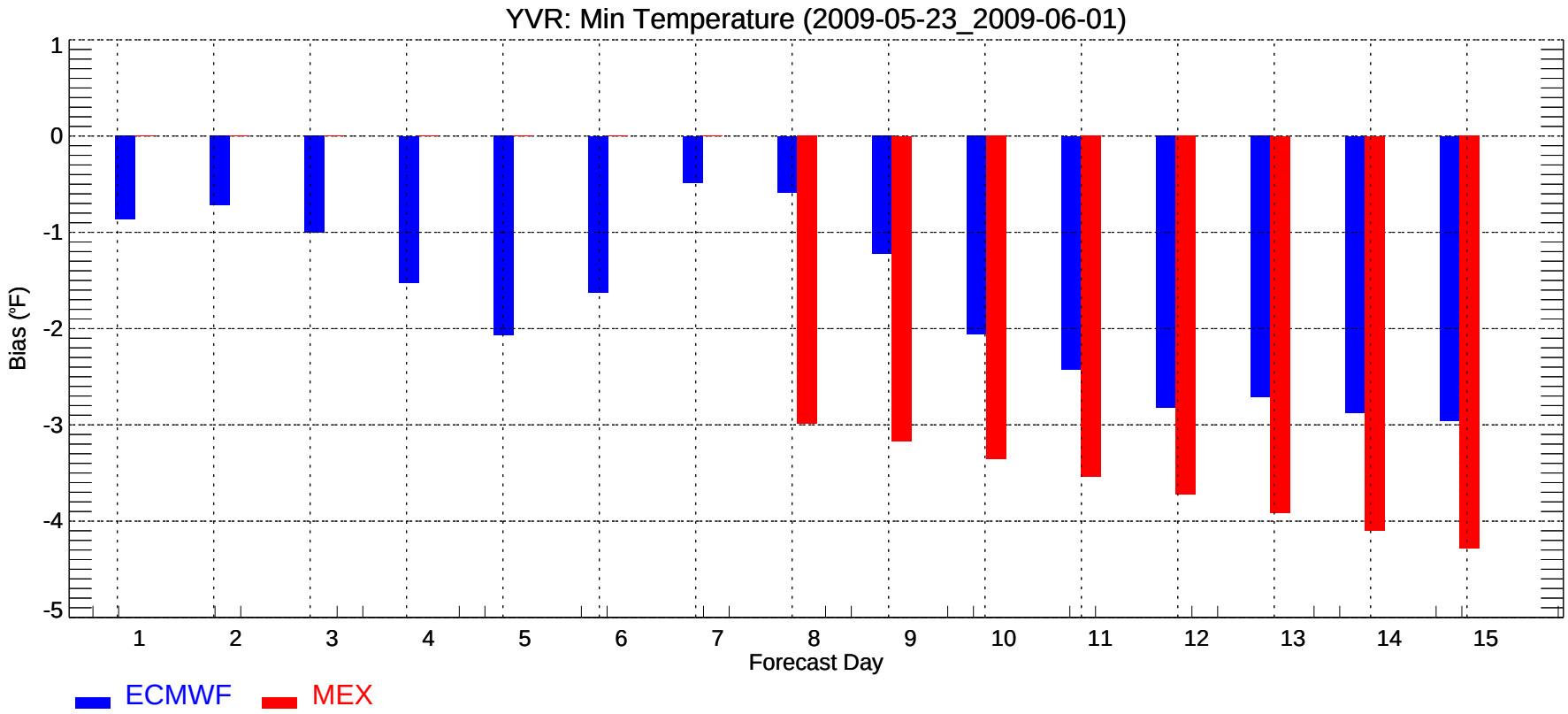
12
13
14
15
Forecast Day
ECMWF
MEX


YVR: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
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8
9
10
11
12
13
14
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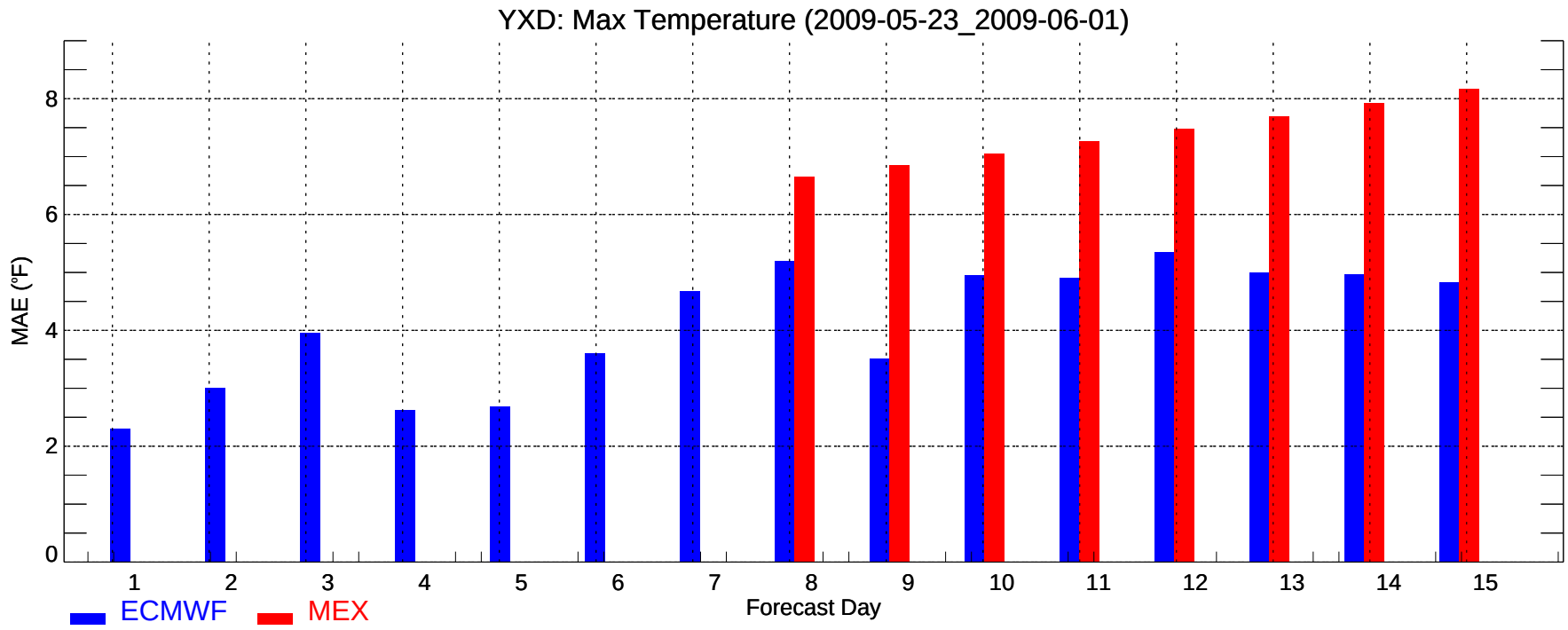
Forecast Day
ECMWF
MEX


YXD: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
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6
7
8
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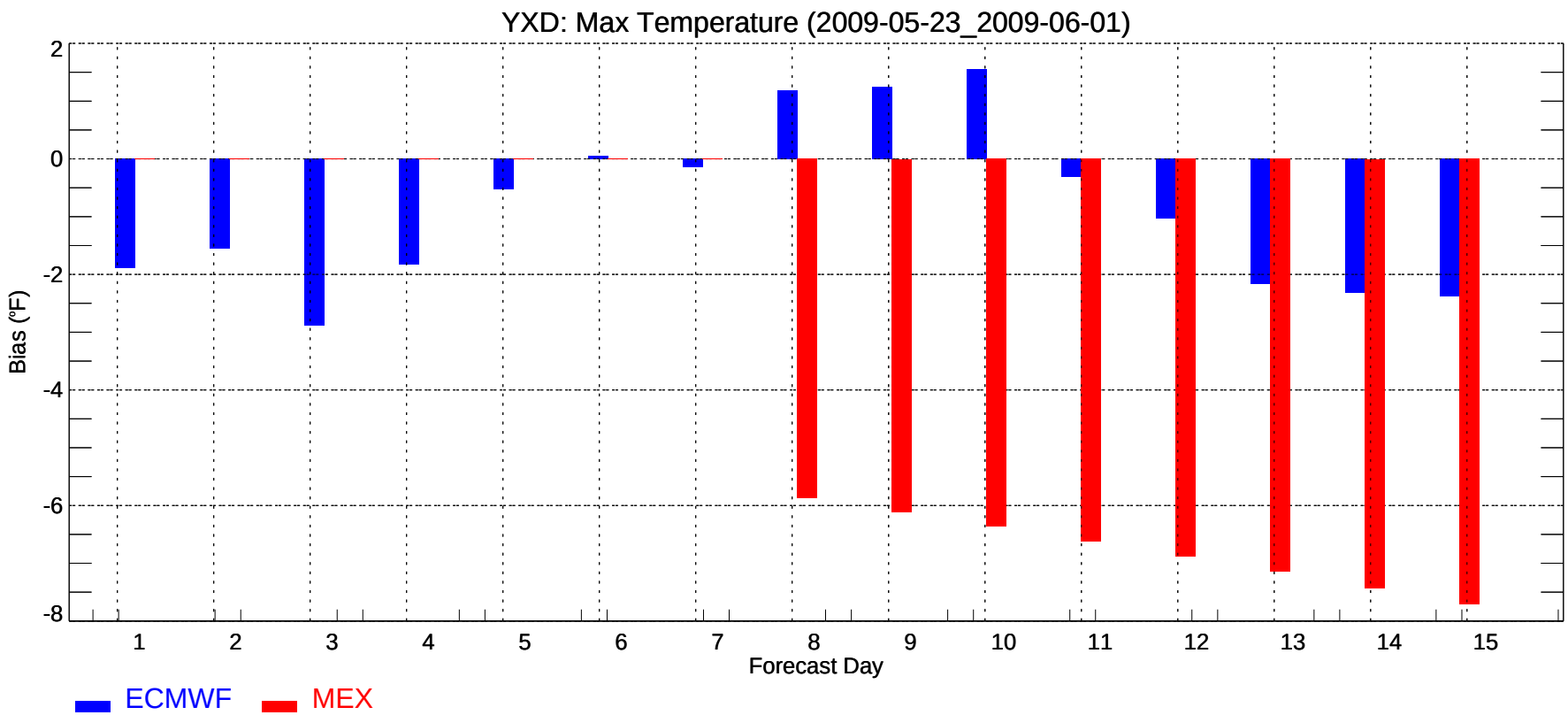
12
13
14
15
Forecast Day
ECMWF
MEX


YXD: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
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6
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13
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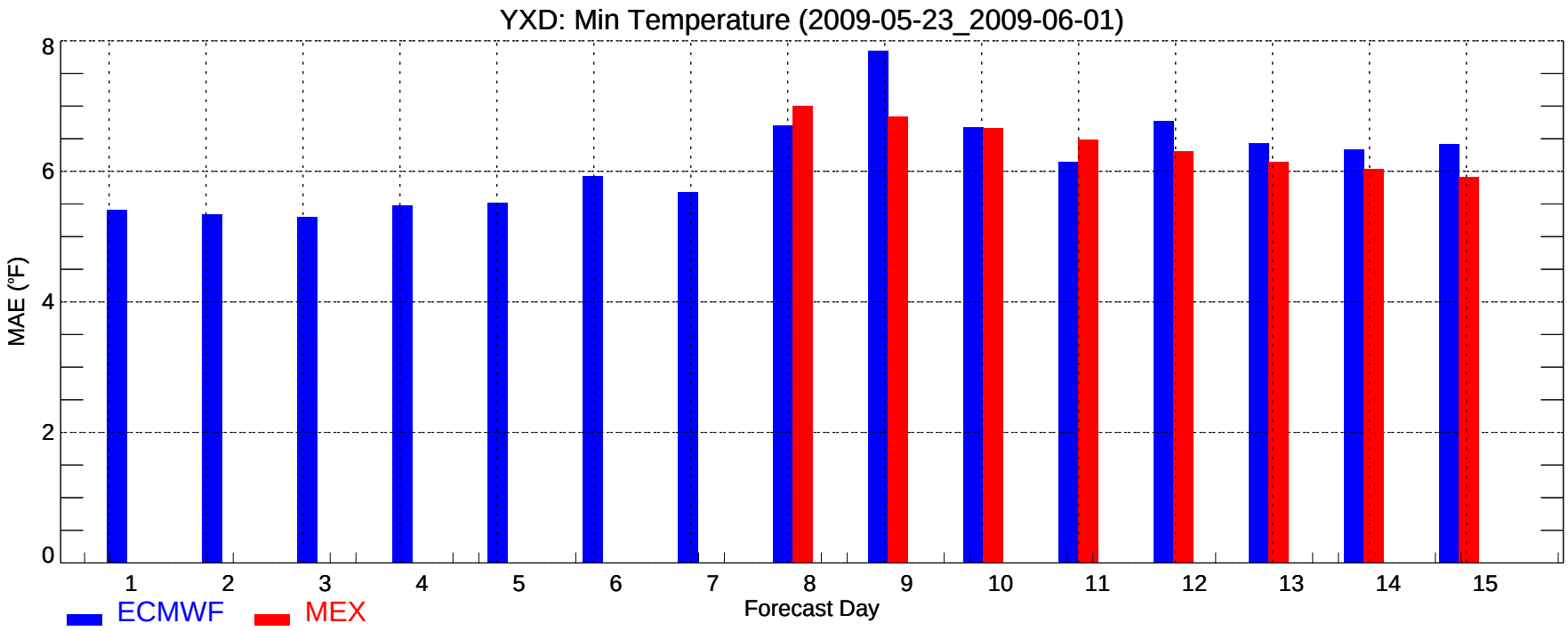
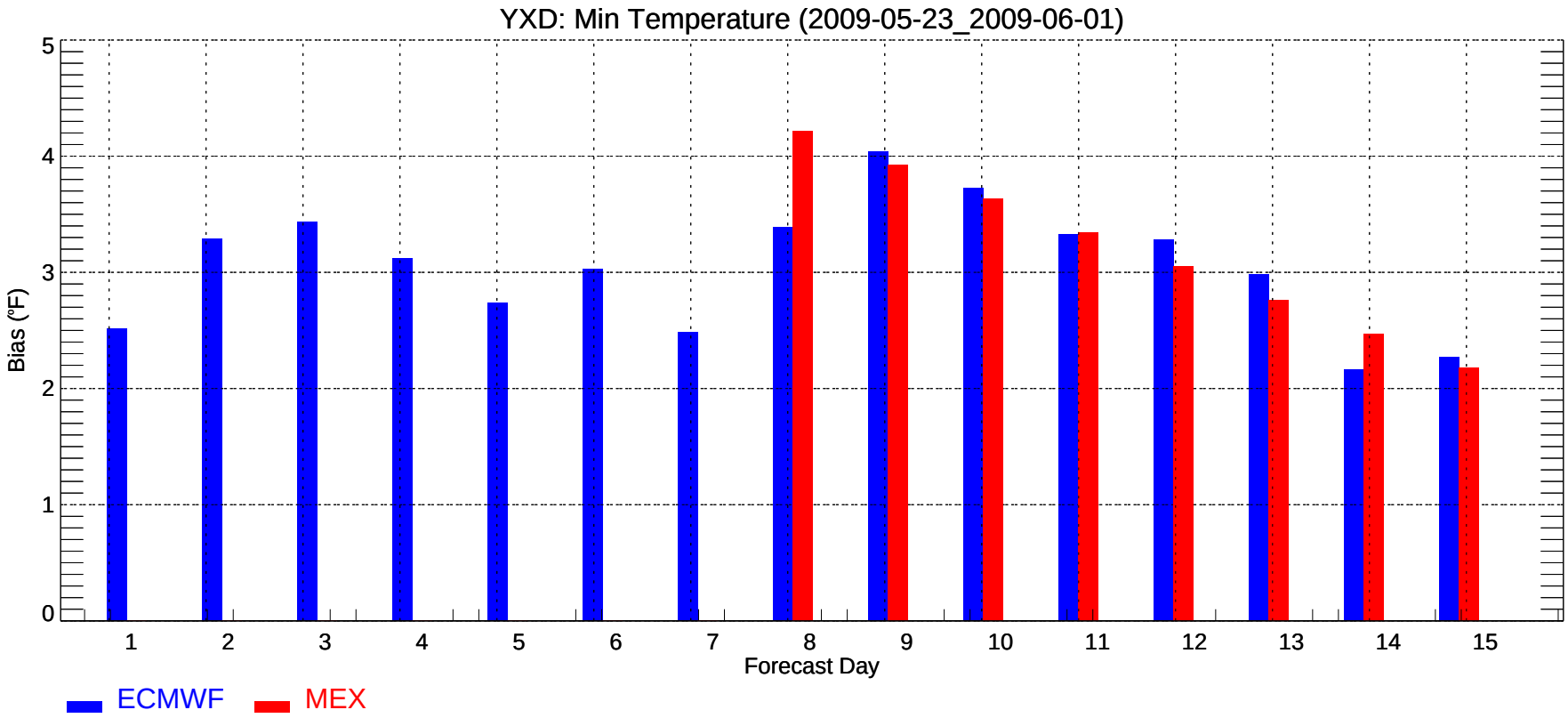
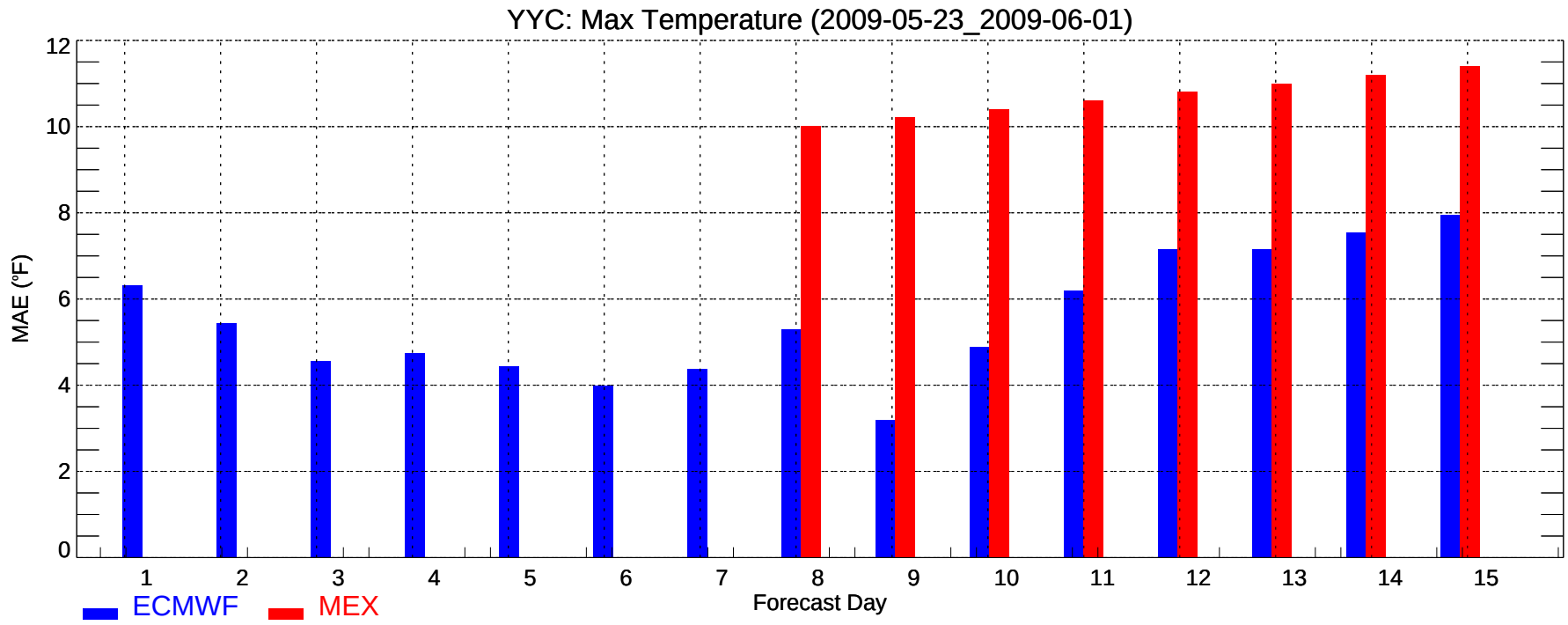
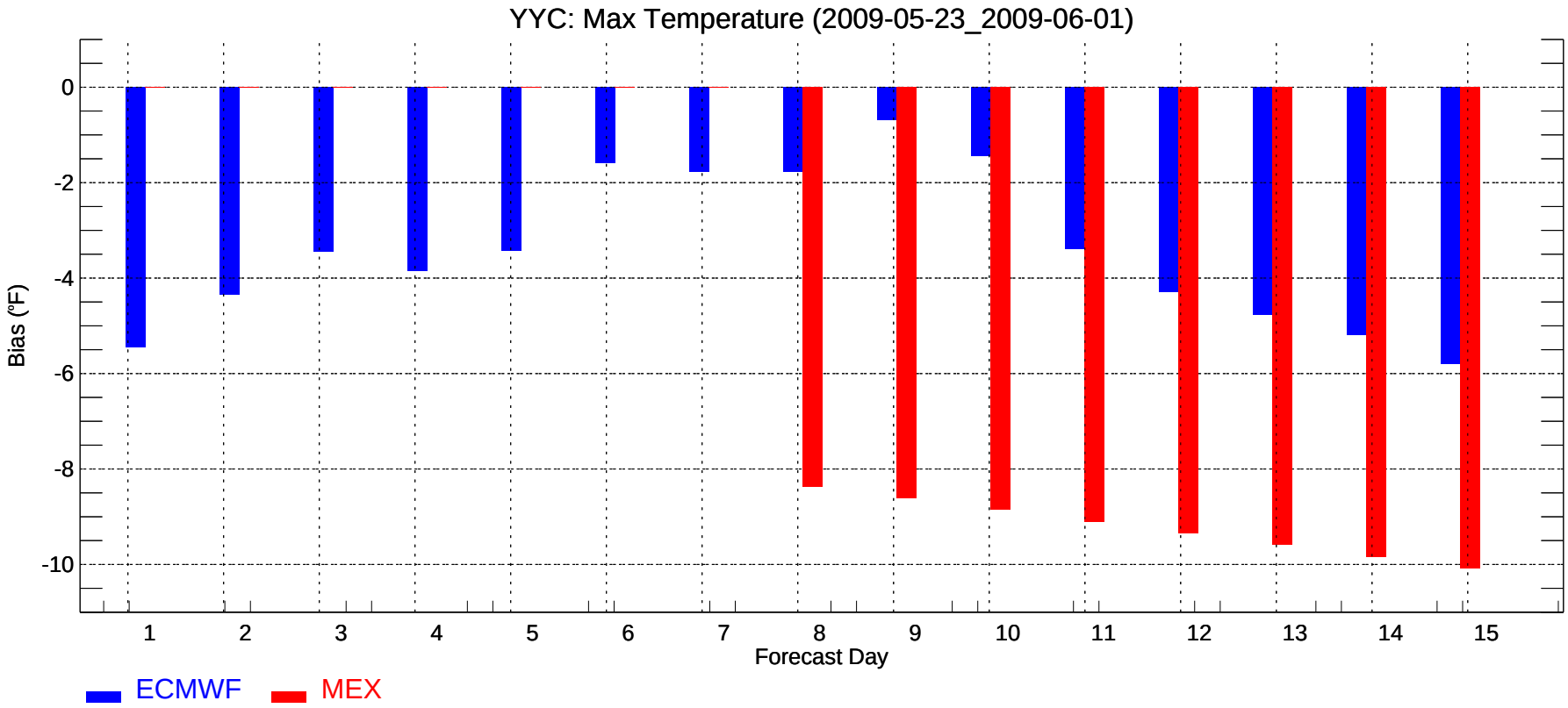
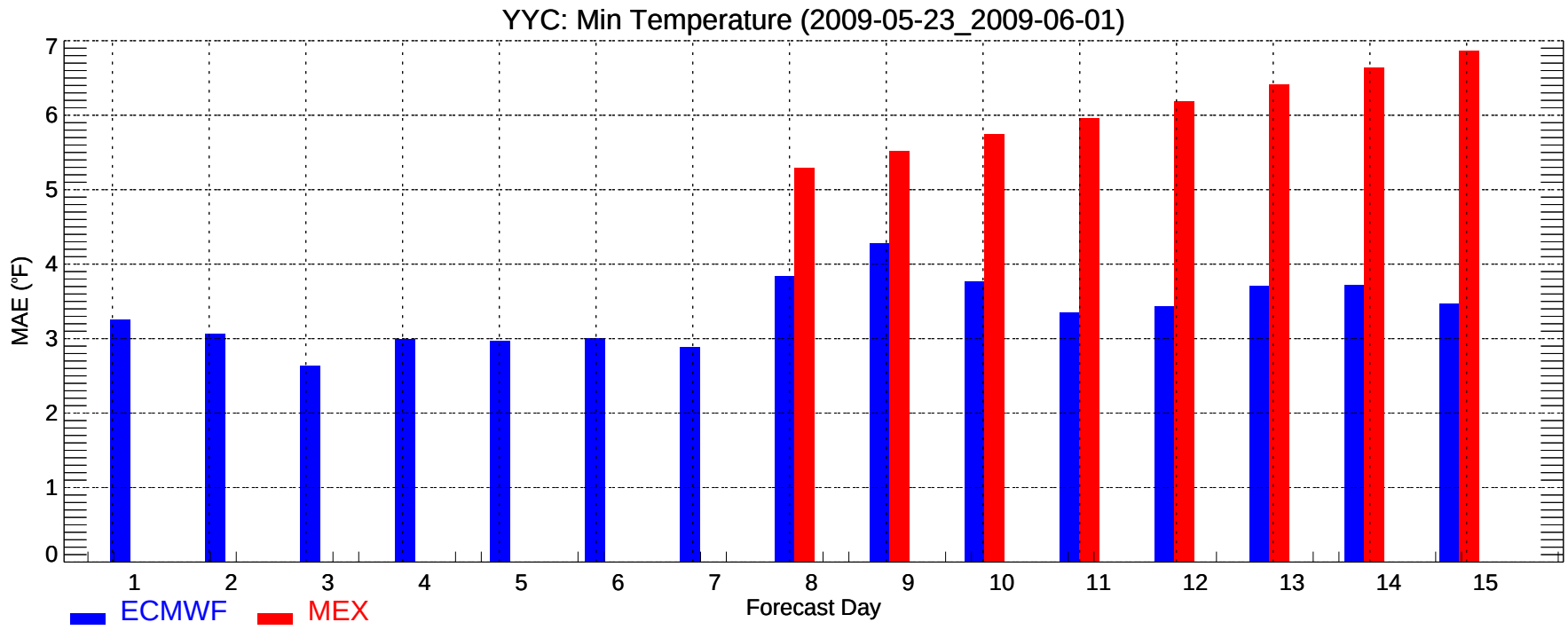
Forecast Day
ECMWF
MEX

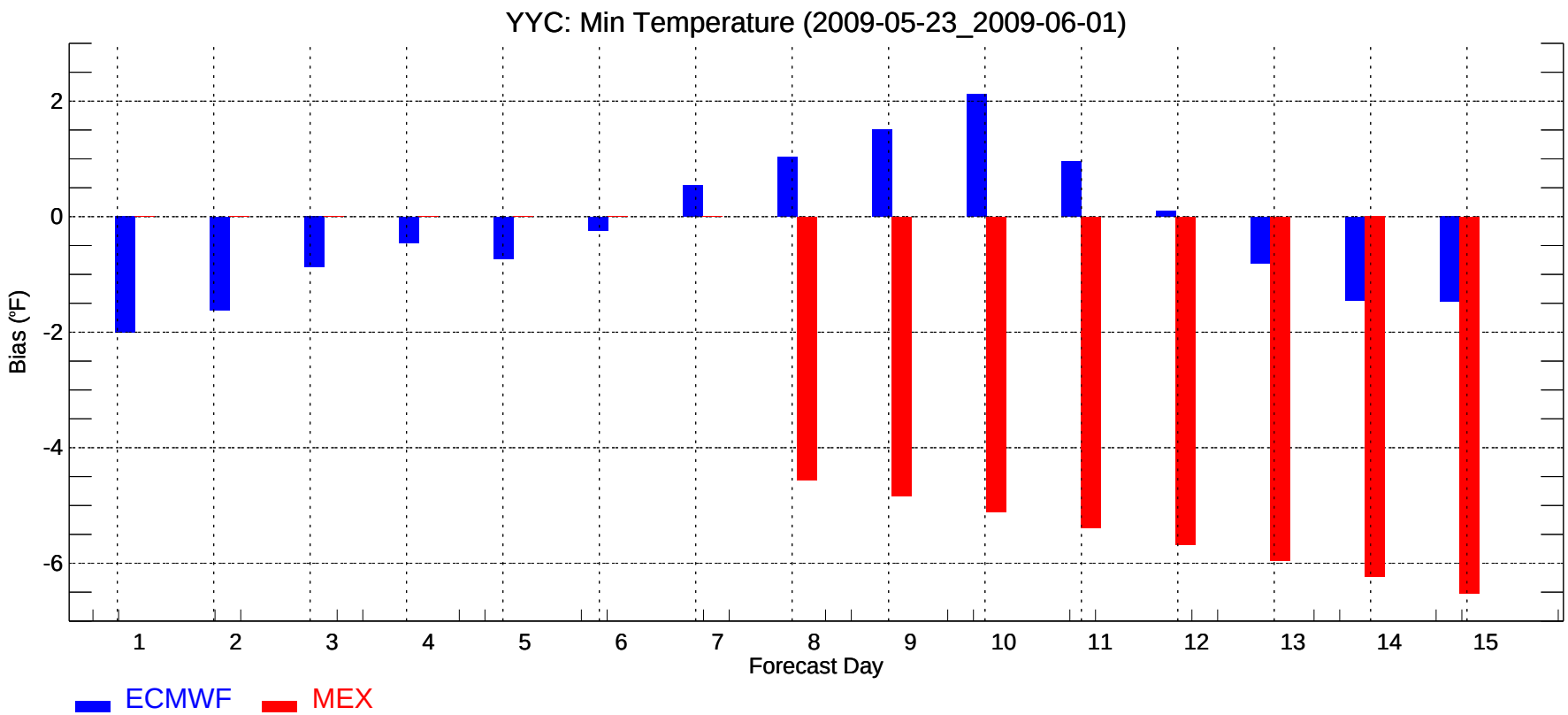

YXD: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YXD: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYC: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYC: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYC: Min Temperature (2009-05-23_2009-06-01)
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


YYC: Min Temperature (2009-05-23_2009-06-01)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
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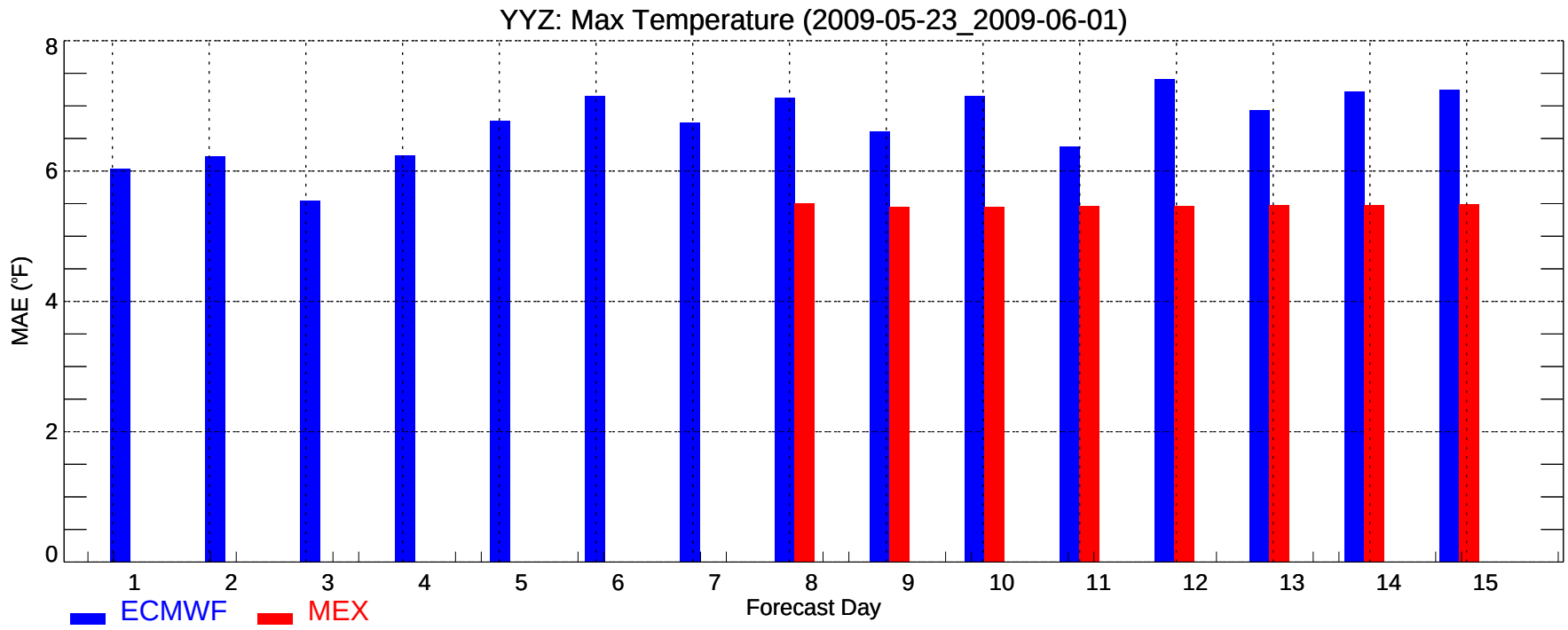
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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11
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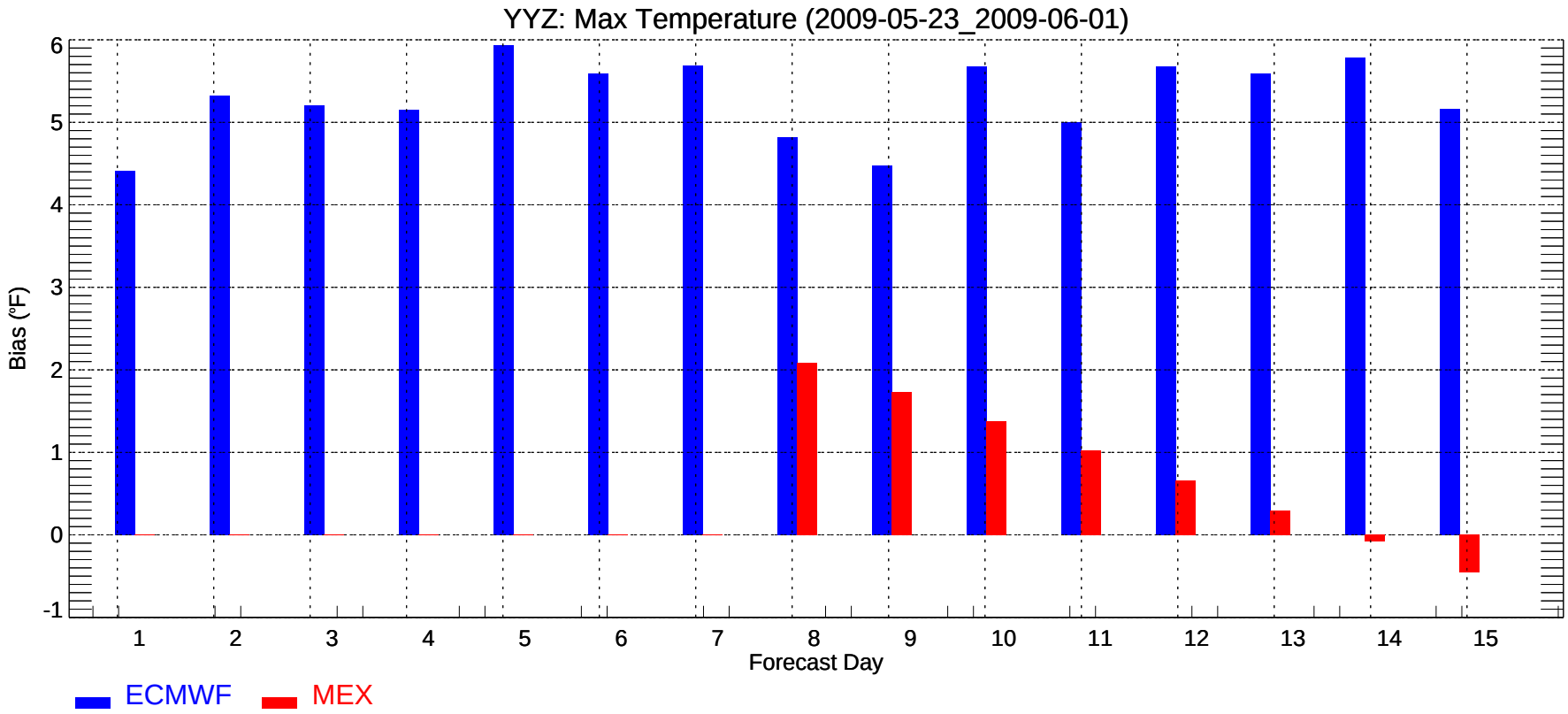
13
14
15
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2009-05-23_2009-06-01)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
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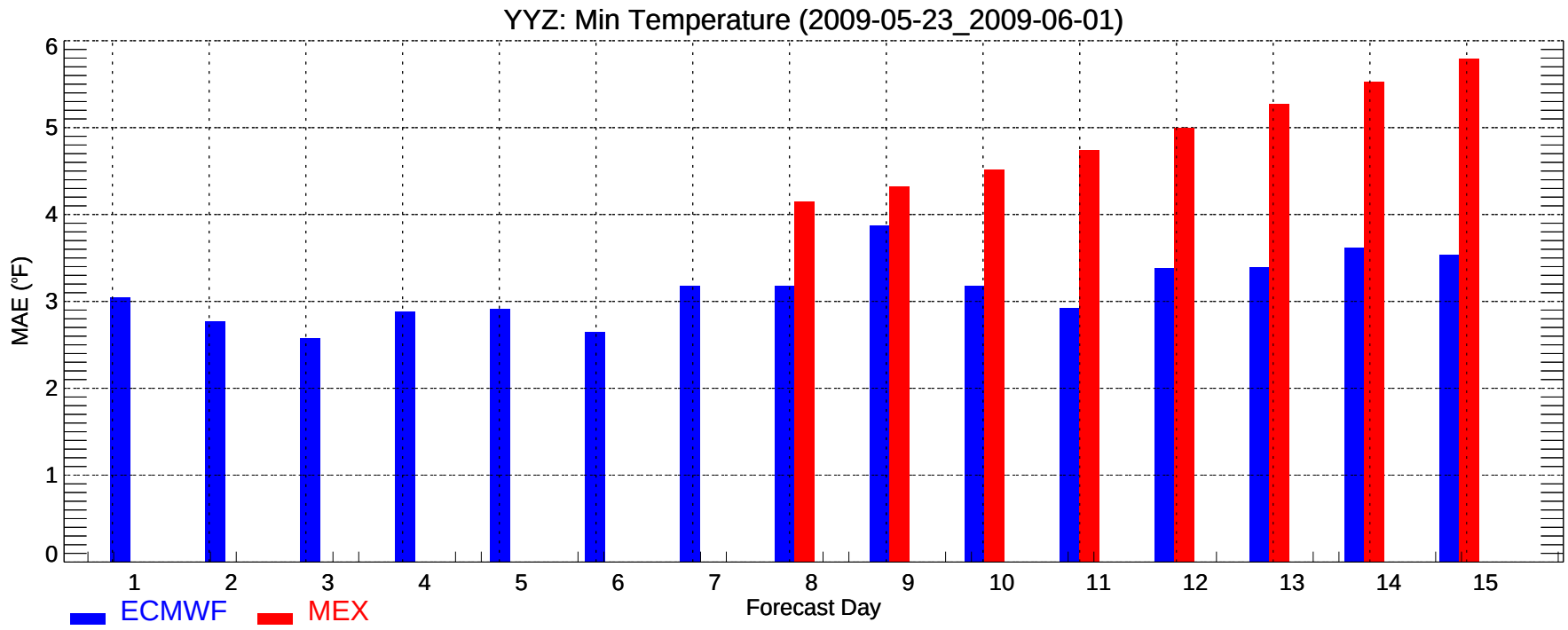
14
15
Forecast Day
ECMWF
MEX


YYZ: Min Temperature (2009-05-23_2009-06-01)
MAE (°F)
0
1
2
3
4
5
6
1
2
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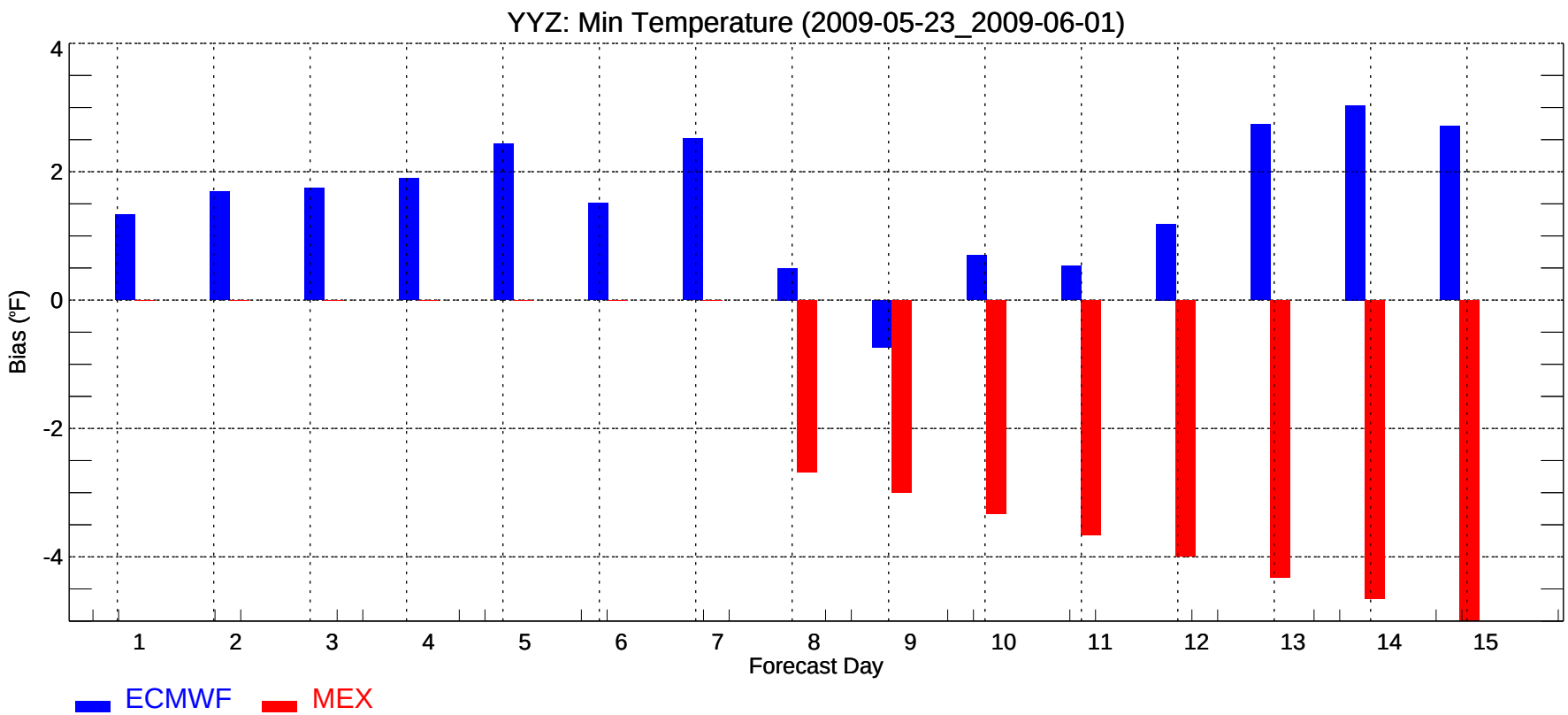
14
15
Forecast Day
ECMWF
MEX


YYZ: Min Temperature (2009-05-23_2009-06-01)
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