

eCast Bi-monthly Customized 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	
CUST1	0.07	2.7/2.4	3.1/2.8	3.5/3.4	4.0/3.7	4.4/4.4	4.7/4.6	5.2/4.9	5.1/6.1	5.0/6.2	4.7/6.3	5.3/6.4	5.5/6.5	5.5/6.7	5.5/6.9	5.5/7.0

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	
CUST1	0.23	0.6/-0.7	0.6/-0.6	0.6/-0.5	1.0/-0.5	1.0/-0.4	1.1/-0.8	1.2/-1.1	0.3/-3.5	-0.1/-3.7	-0.2/-3.9	-0.6/-4.2	-0.6/-4.4	-0.6/-4.7	-0.5/-4.9	-0.4/-5.2

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 $(1 - \text{ECMWF-value} / \text{MEX-value})$

red: $B \geq 4.0$ orange: $4.0 > B \geq 2.0$ black: $2.0 > B \geq -2.0$ green: $-2.0 > B \geq -4.0$ 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
CUST1	-0.02	2.3/0.0	2.3/2.1	2.4/2.2	2.6/2.5	3.0/2.7	3.0/3.0	3.1/3.2	3.5/3.5	3.8/3.6	3.6/3.7	3.6/3.7	3.7/3.8	3.9/4.0	4.1/4.1	4.3/--

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
CUST1	0.95	-0.1/0.0	0.6/-0.0	0.5/0.2	0.8/0.3	1.0/1.1	0.9/1.3	1.1/1.5	0.8/-1.6	0.4/-1.8	0.8/-2.1	1.0/-2.3	1.3/-2.6	1.6/-2.8	1.9/-3.1	1.8/--

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

S_score: average of $(1 - \text{ECMWF-value} / \text{MEX-value})$

red: $B \geq 4.0$ orange: $4.0 > B \geq 2.0$ black: $2.0 > B \geq -2.0$ green: $-2.0 > B \geq -4.0$ blue: $B < -4.0$

avg_bias: average of ECMWF-value

ECMWF/MEX MAX Temperature in CUST1

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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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

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 CUST1

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
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/--
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/--
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/--
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/--
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/--
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/--
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/--
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/--
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/--
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/--
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/--

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
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/--
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/--
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/--
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/--
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/--
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/--
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/--
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/--
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/--
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/--
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/--

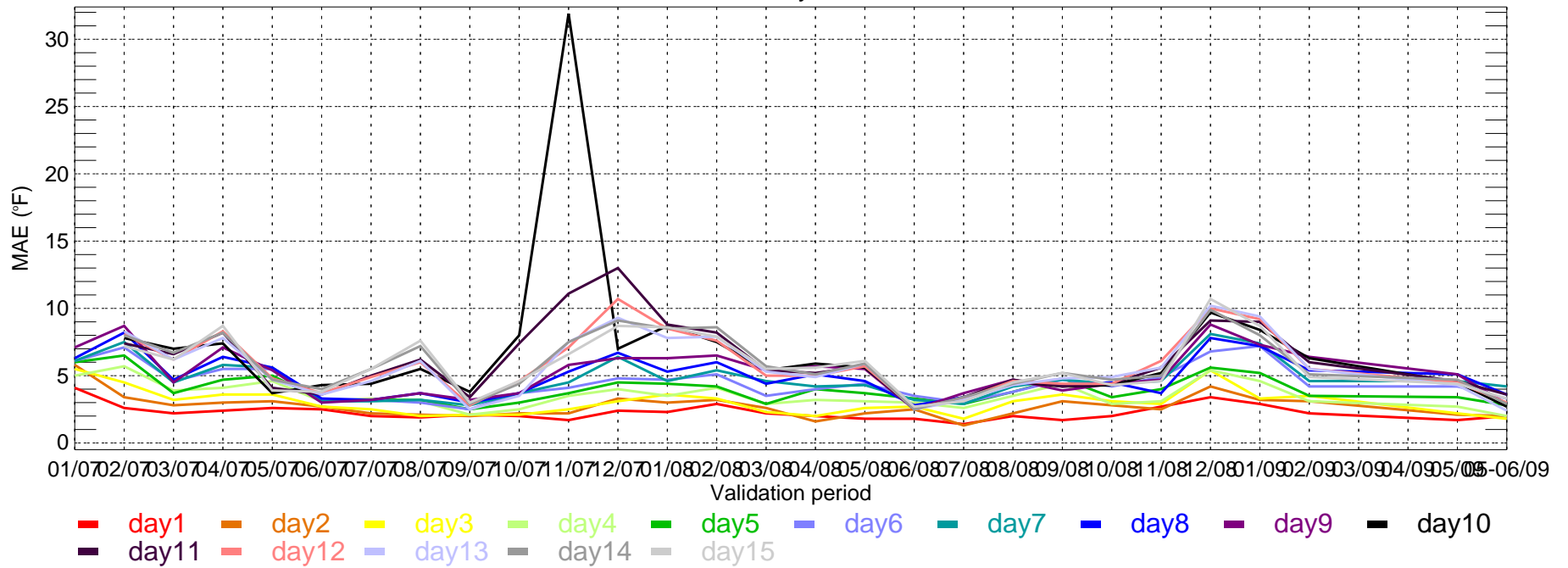
red: S < -0.3 orange: -0.3 < S < -0.1 grey: -0.1 < S < 0.1 green: 0.1 < S < 0.3 blue: S > 0.3

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

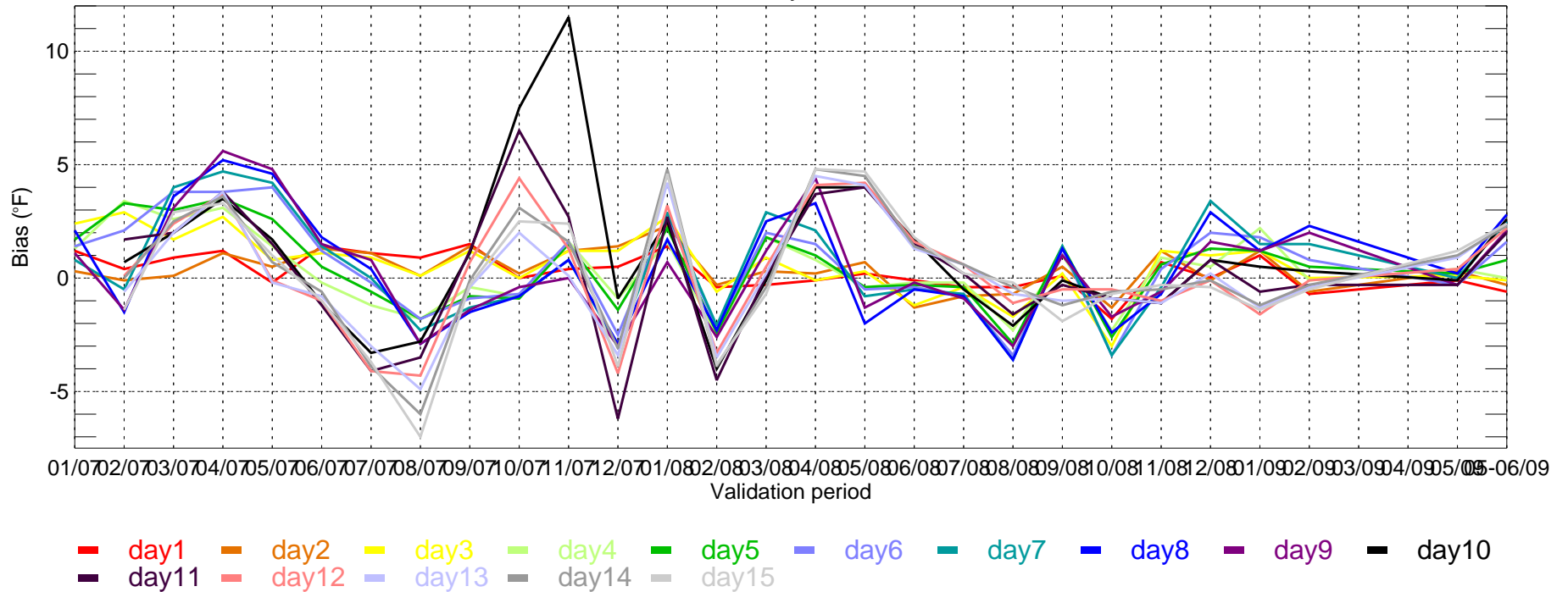
red: B >= 4.0 orange: 4.0 > B >= 2.0 black: 2.0 > B >= -2.0 green: -2.0 > B >= -4.0 blue: B < -4.0

avg_bias: average of ECMWF-value

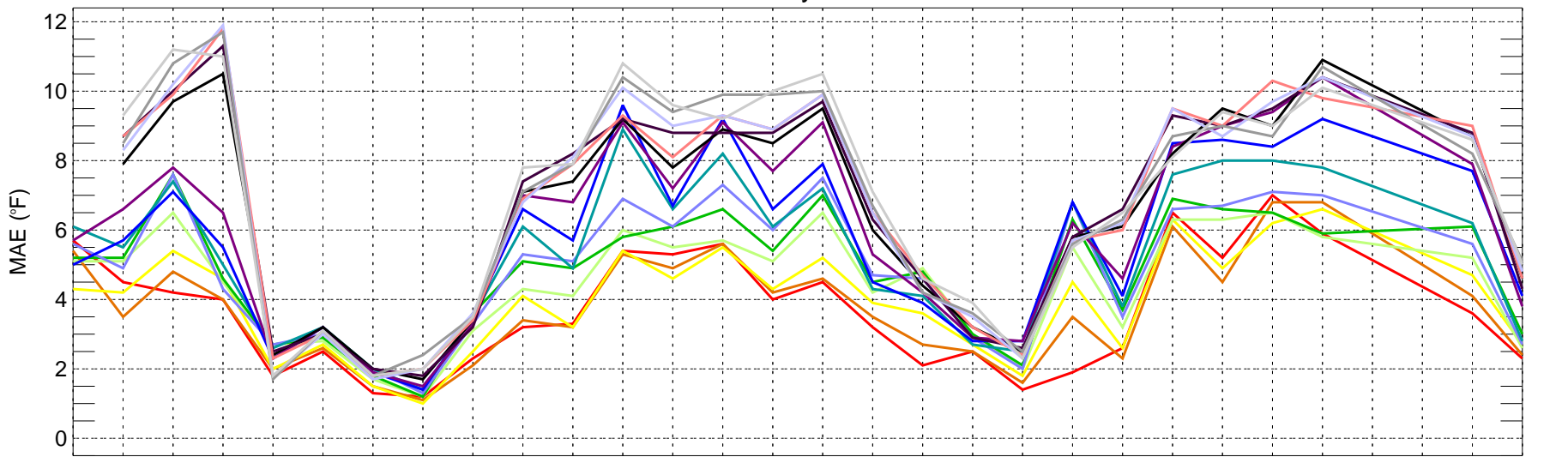
AUS: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



AUS: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



AUS: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

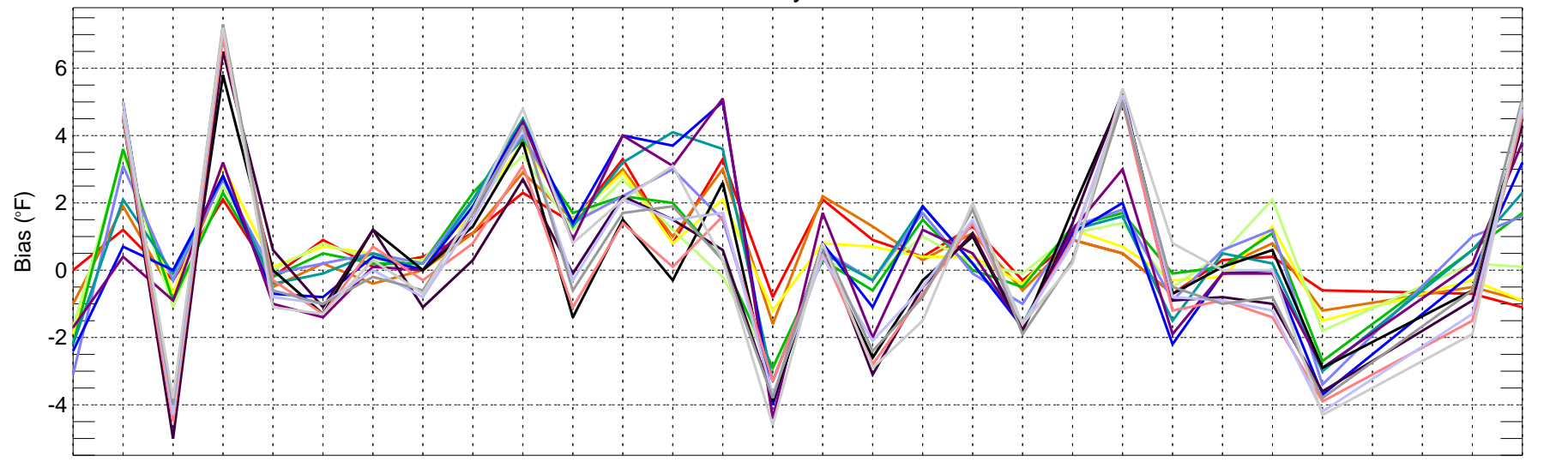


01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09

Validation period

- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

AUS: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

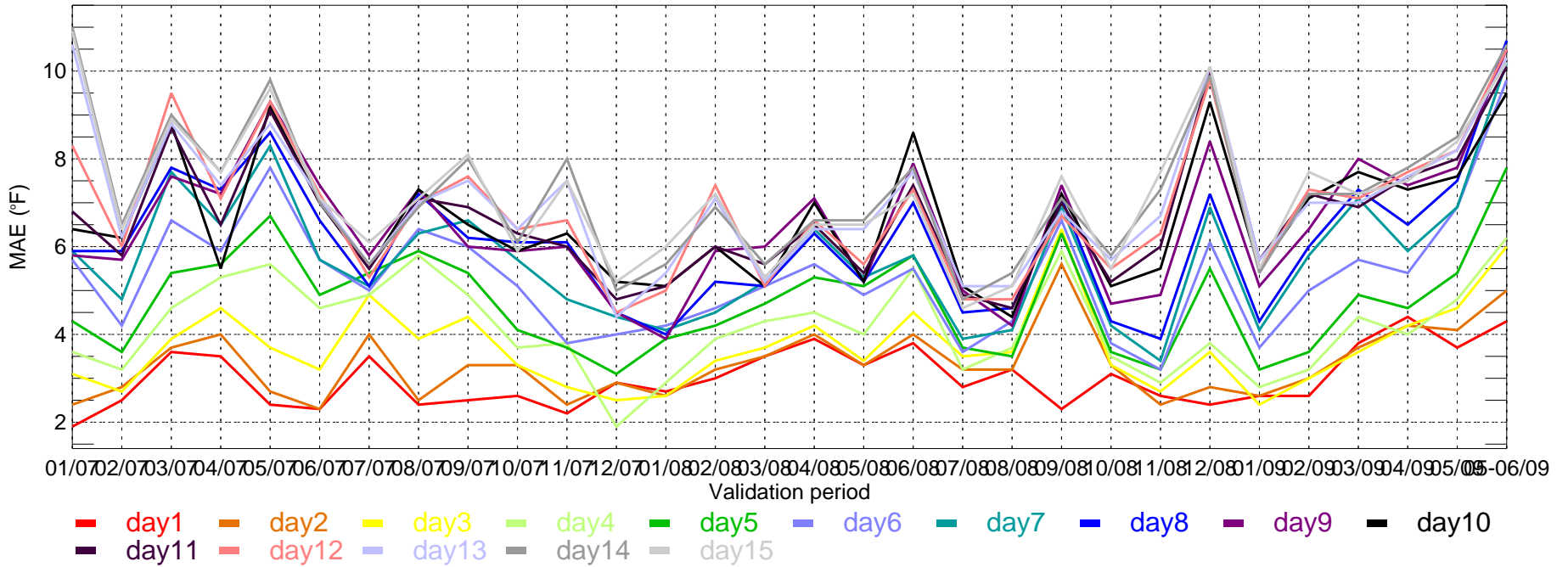


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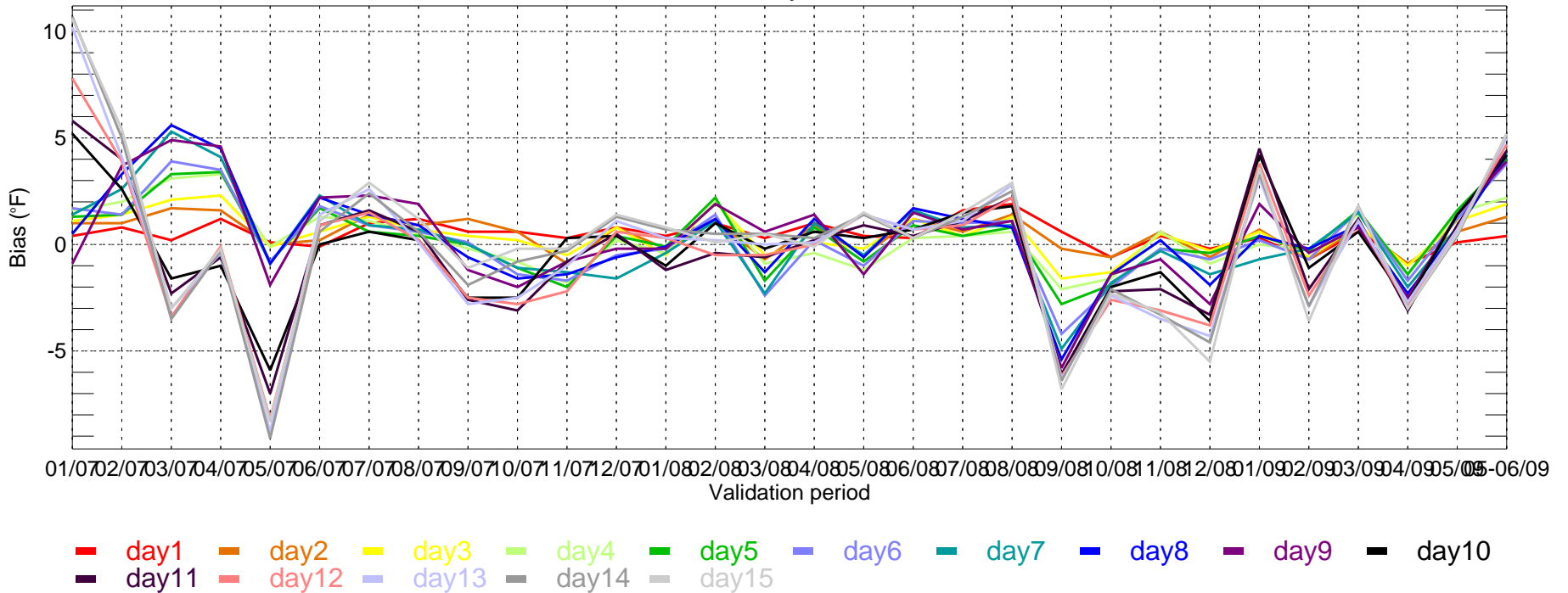
Validation period

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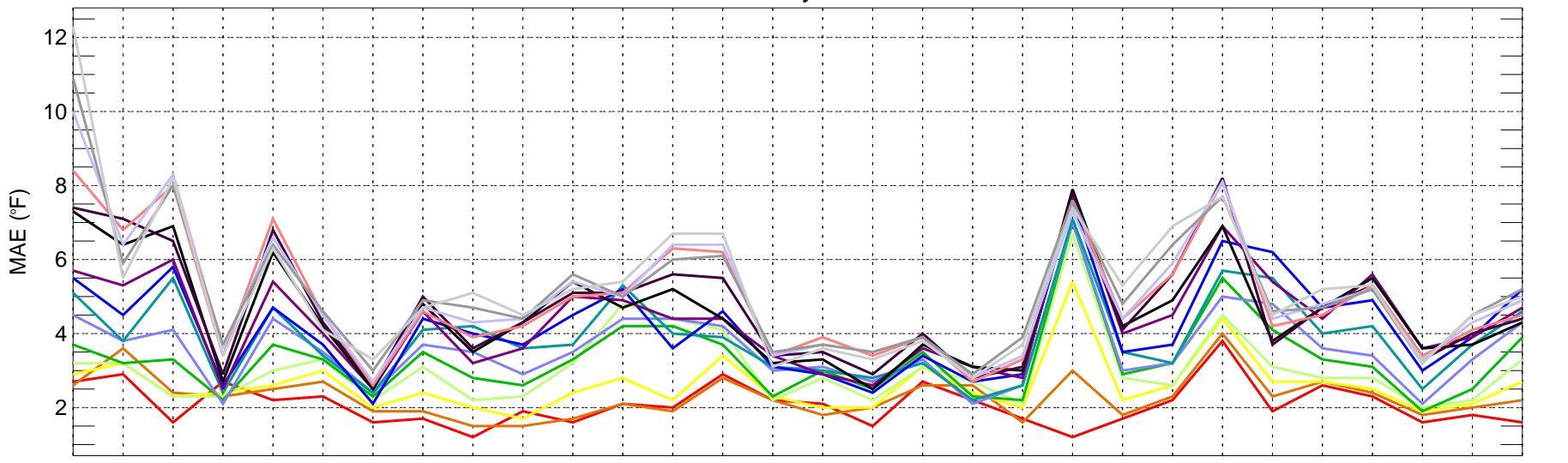
BOS: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



BOS: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



BOS: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

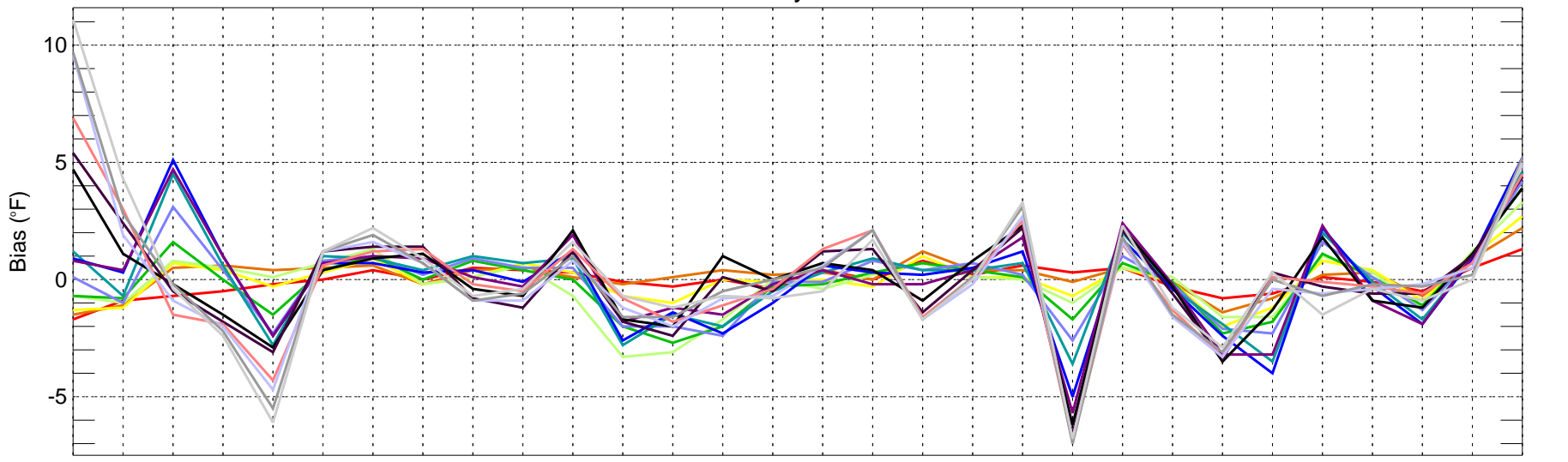


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Validation period

- 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

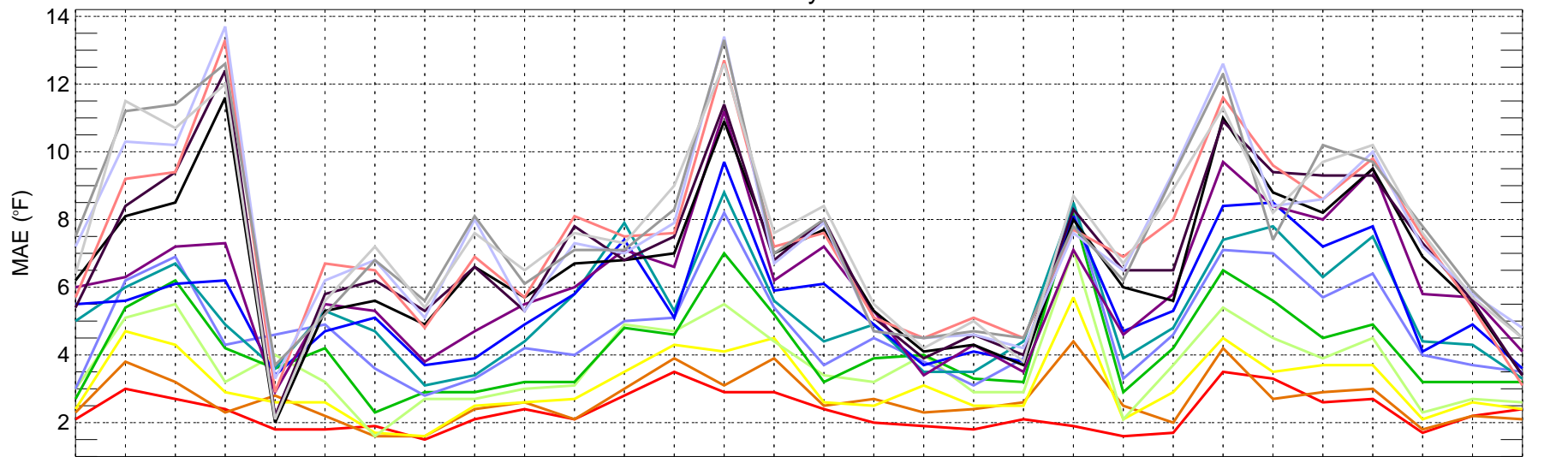


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Validation period

- 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

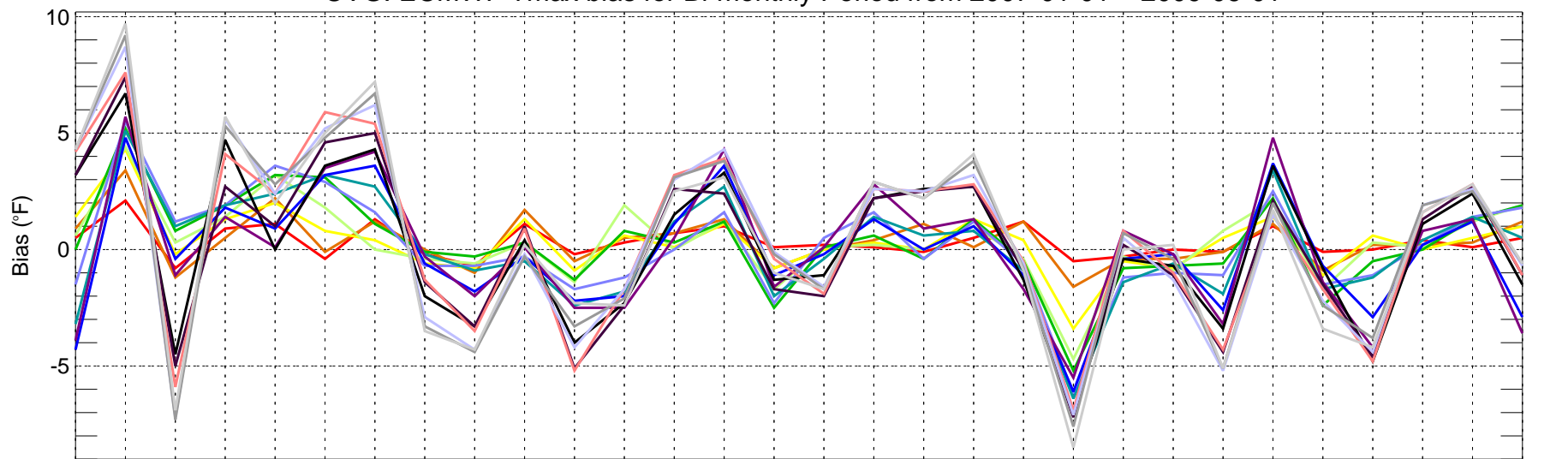


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Validation period

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CVG: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

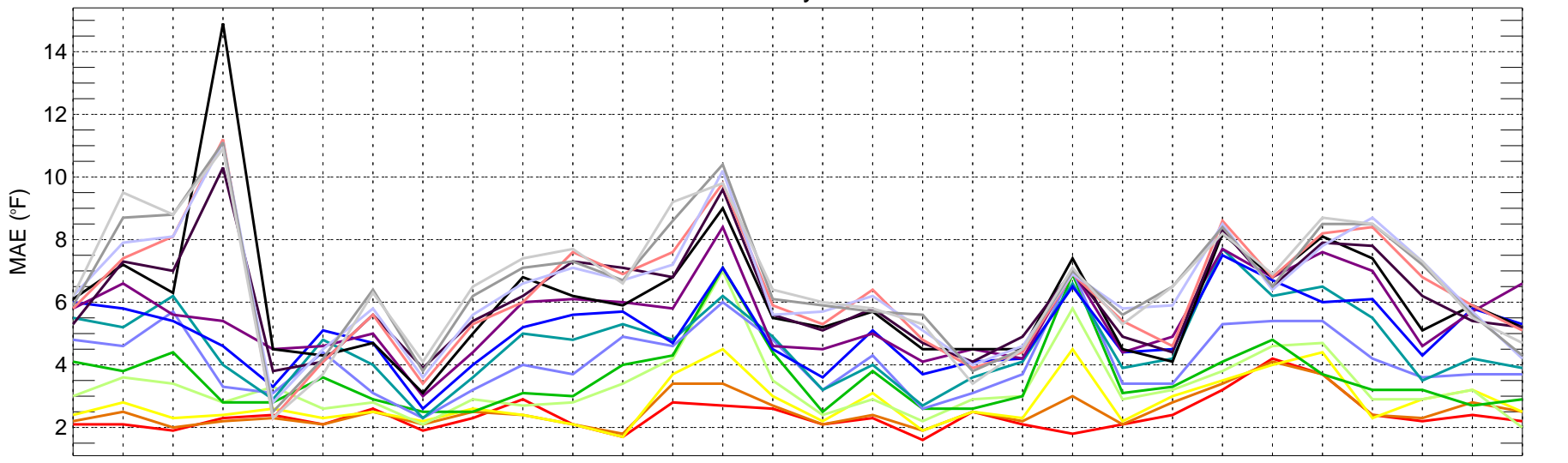


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Validation period

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CVG: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

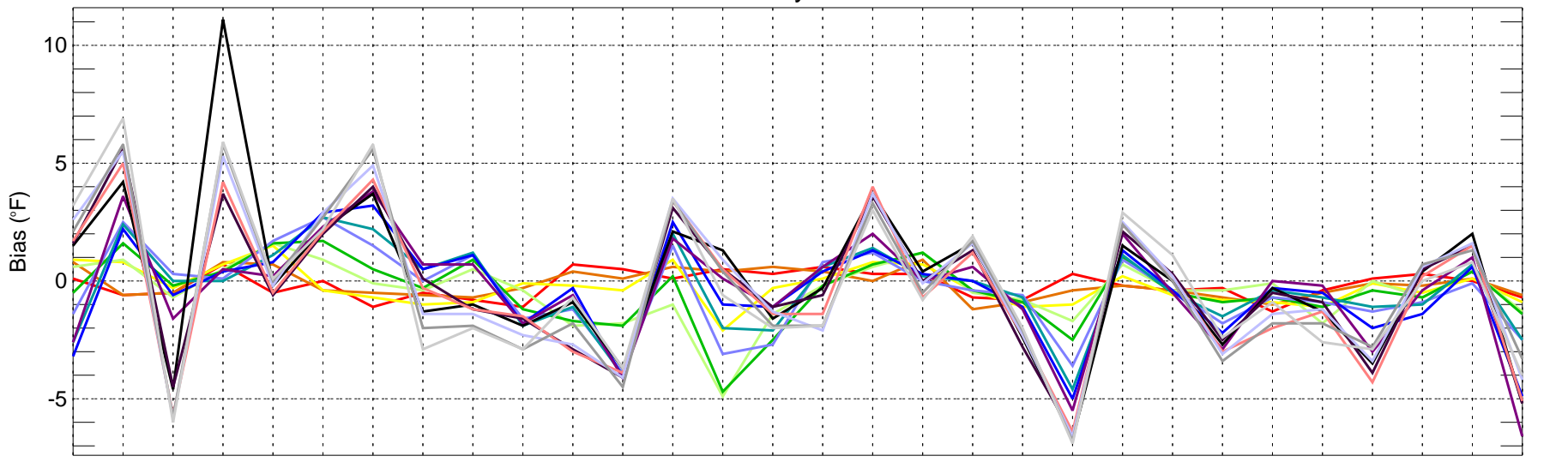


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Validation period

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CVG: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

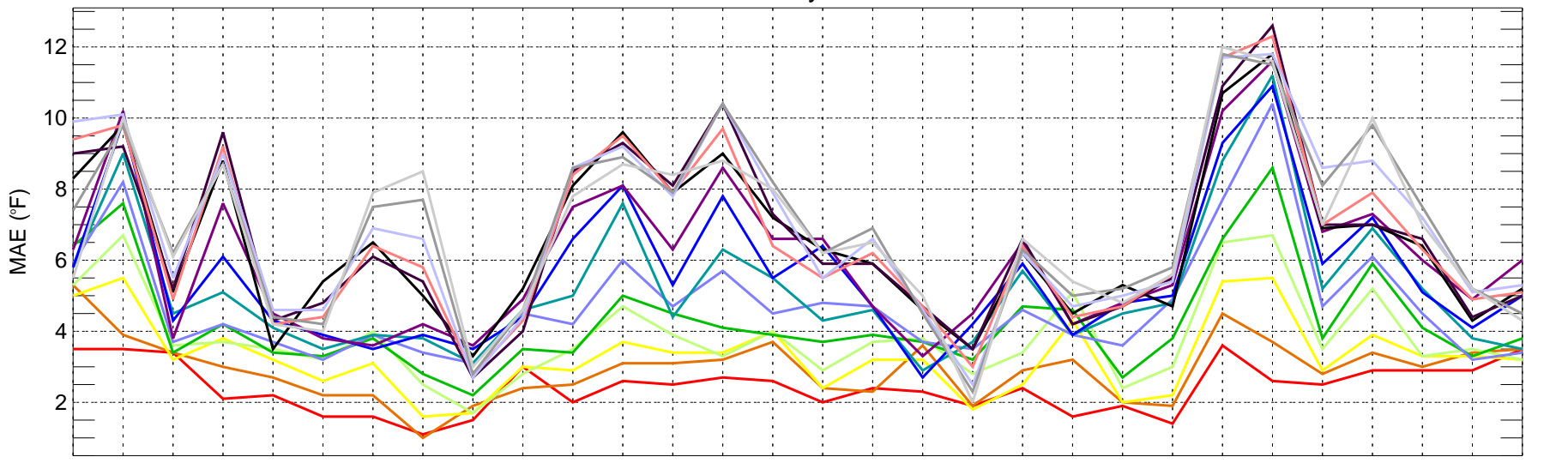


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Validation period

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DFW: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

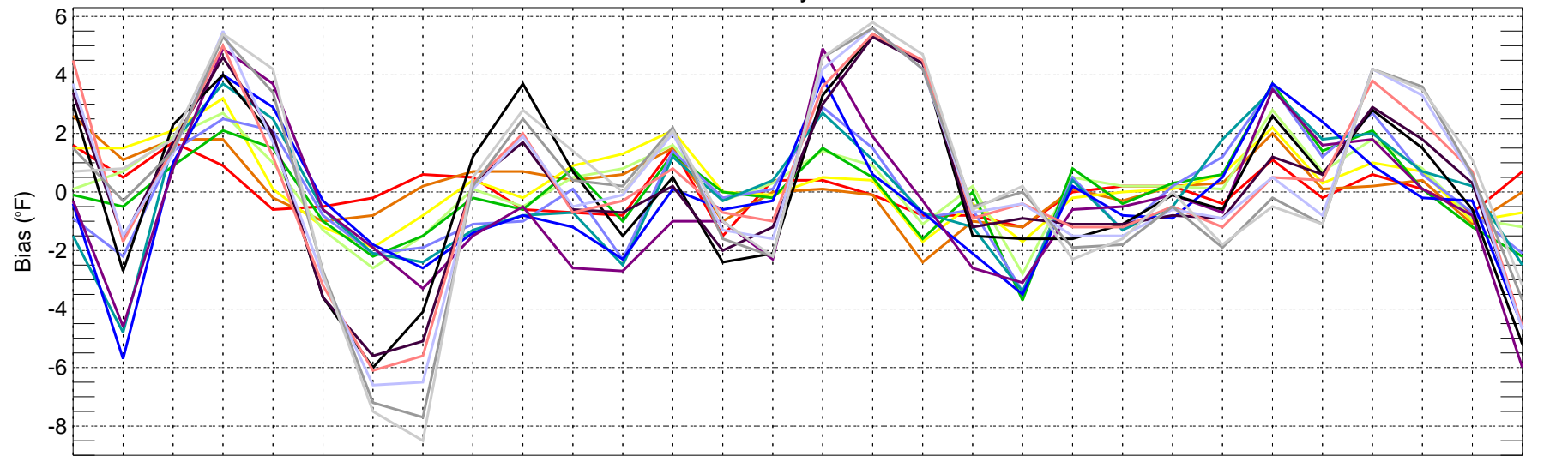


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Validation period

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DFW: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

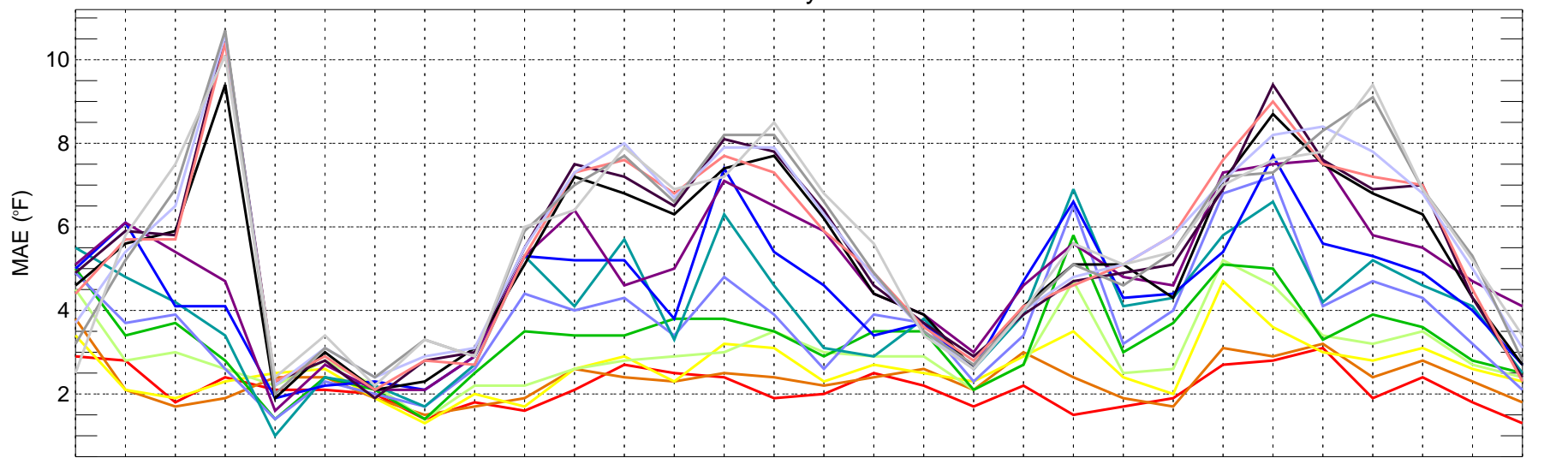


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Validation period

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DFW: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

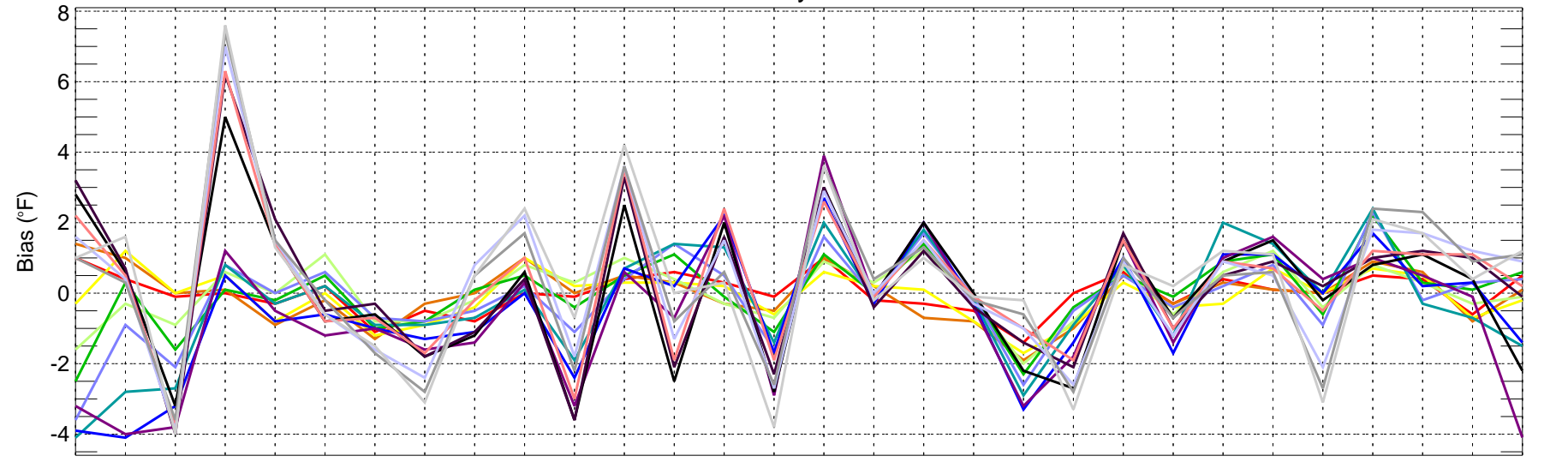


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DFW: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

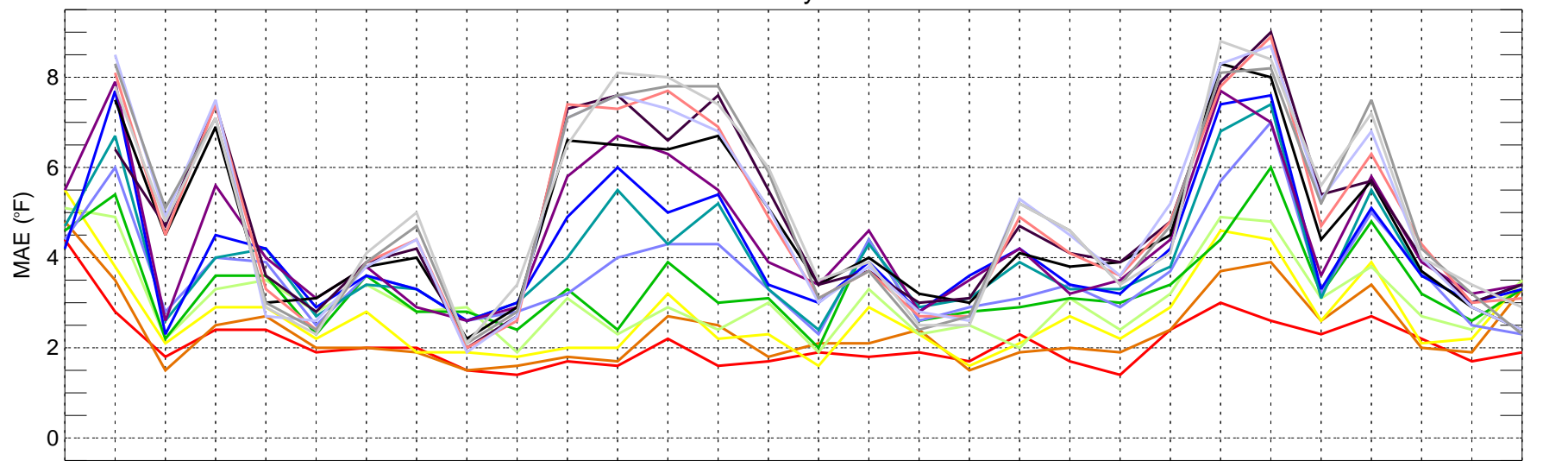


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Validation period

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HOU: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

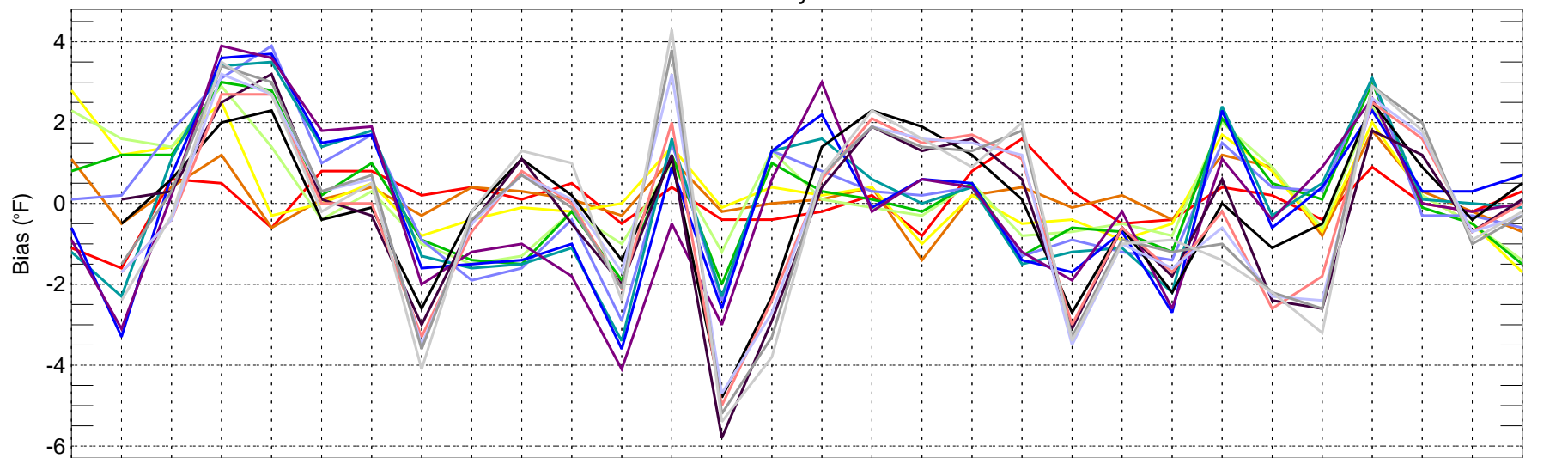


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Validation period

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HOU: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

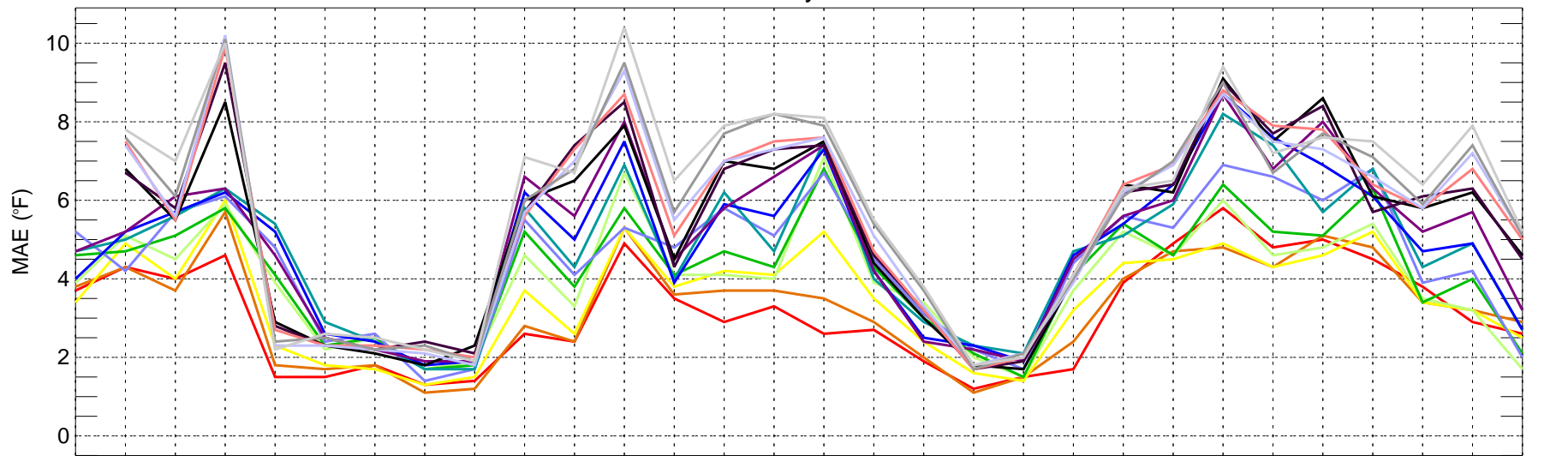


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Validation period

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HOU: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

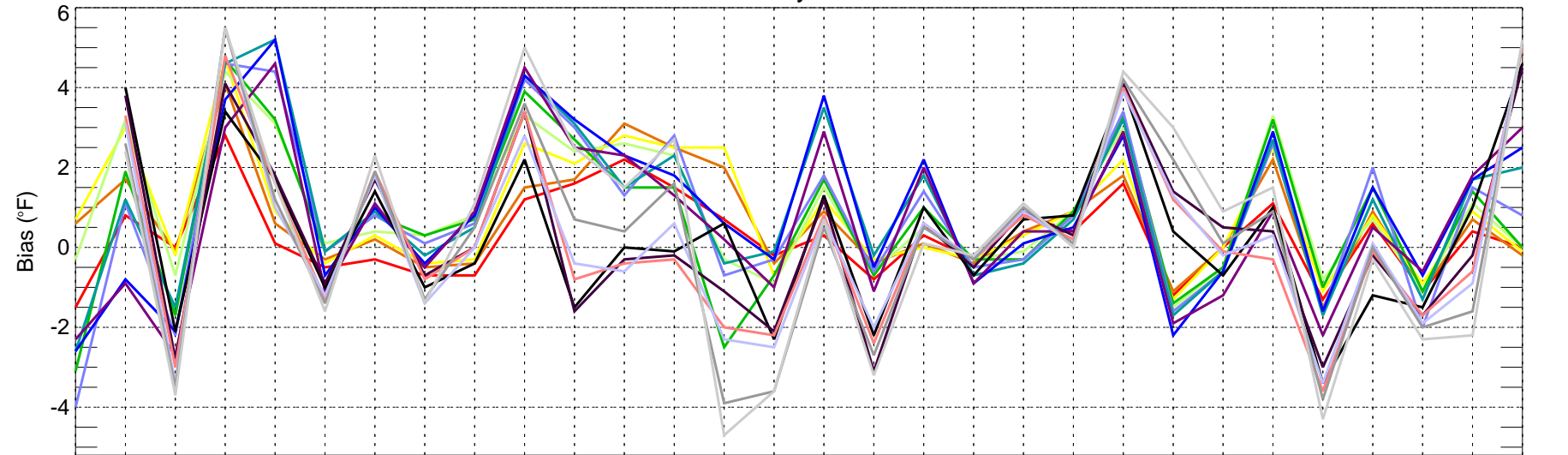


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Validation period

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HOU: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

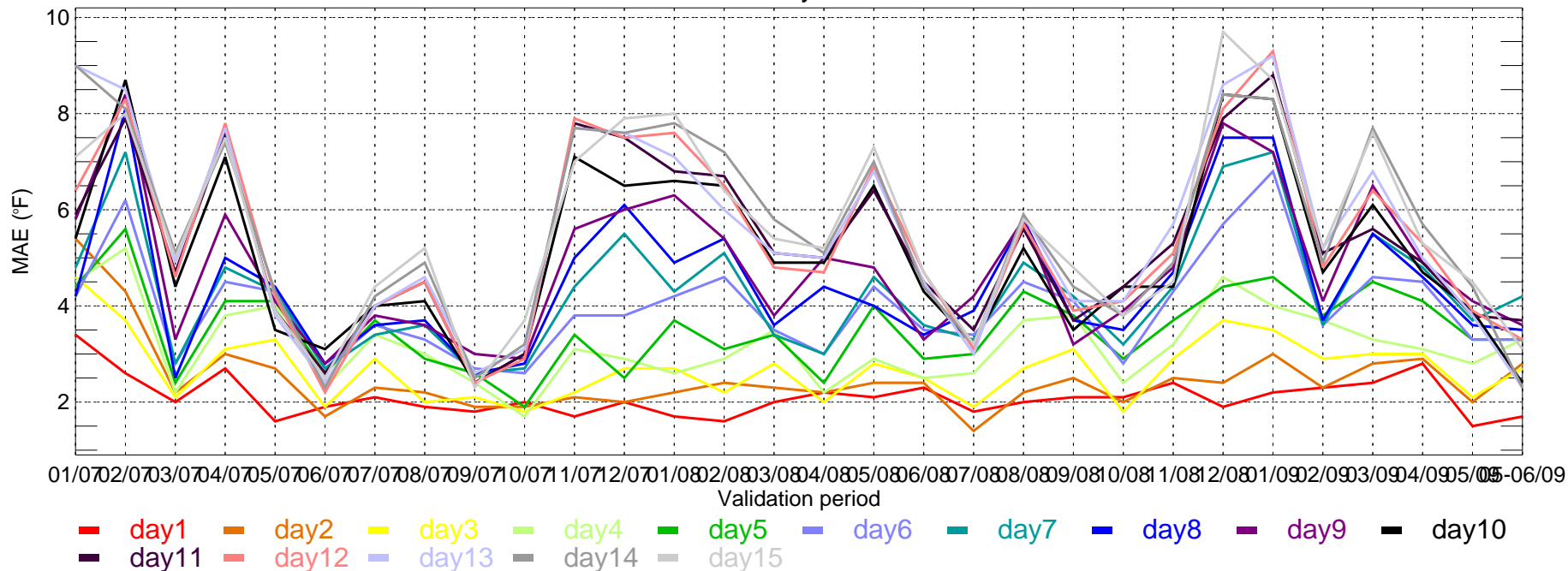


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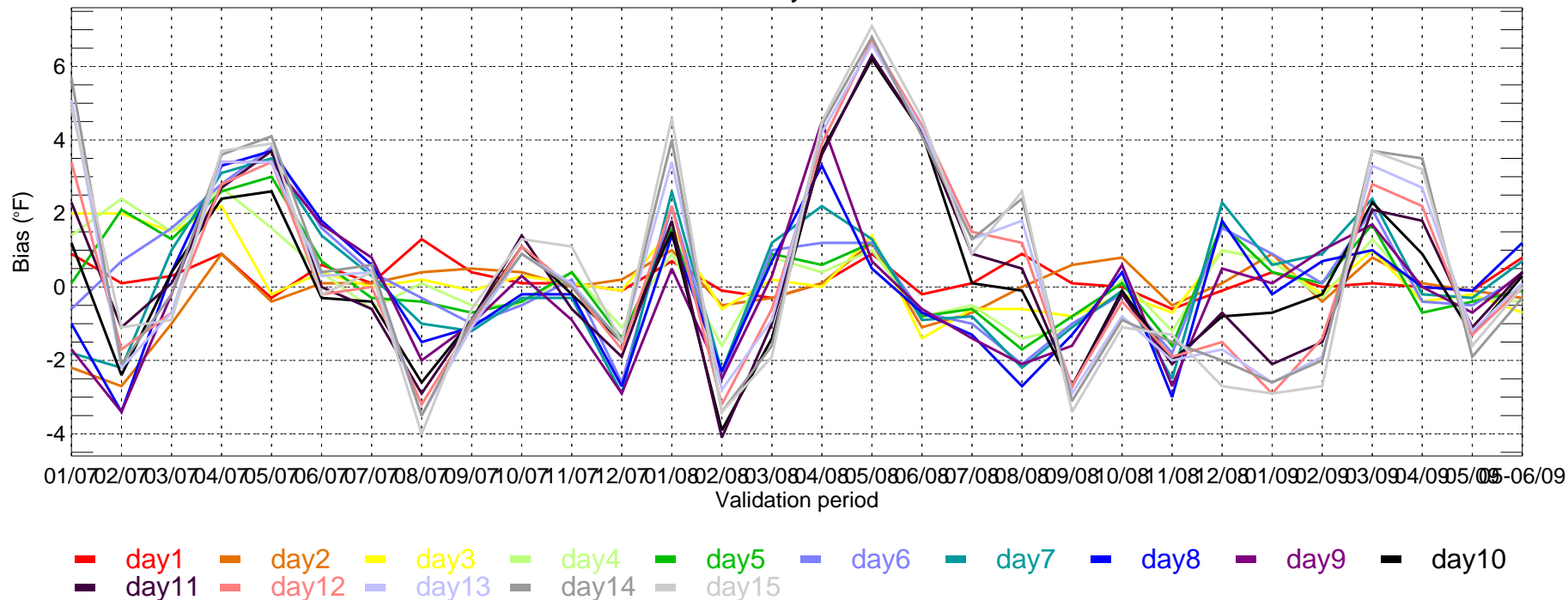
Validation period

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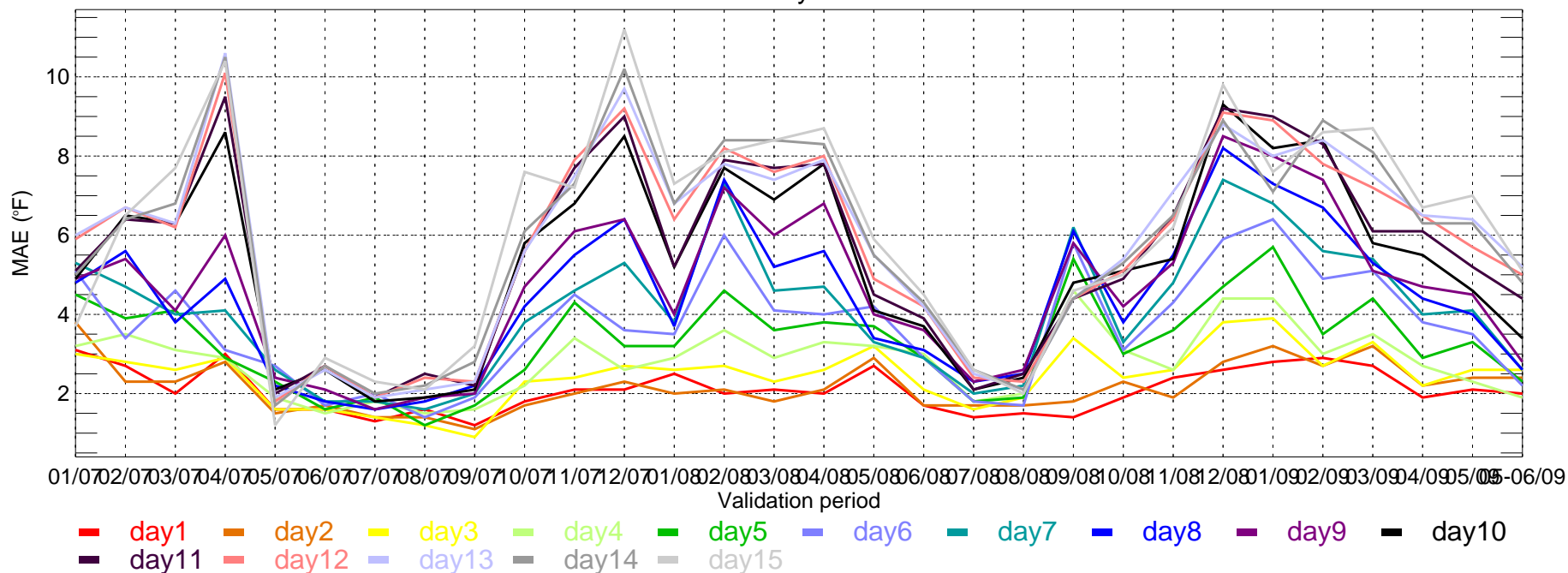
IAH: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



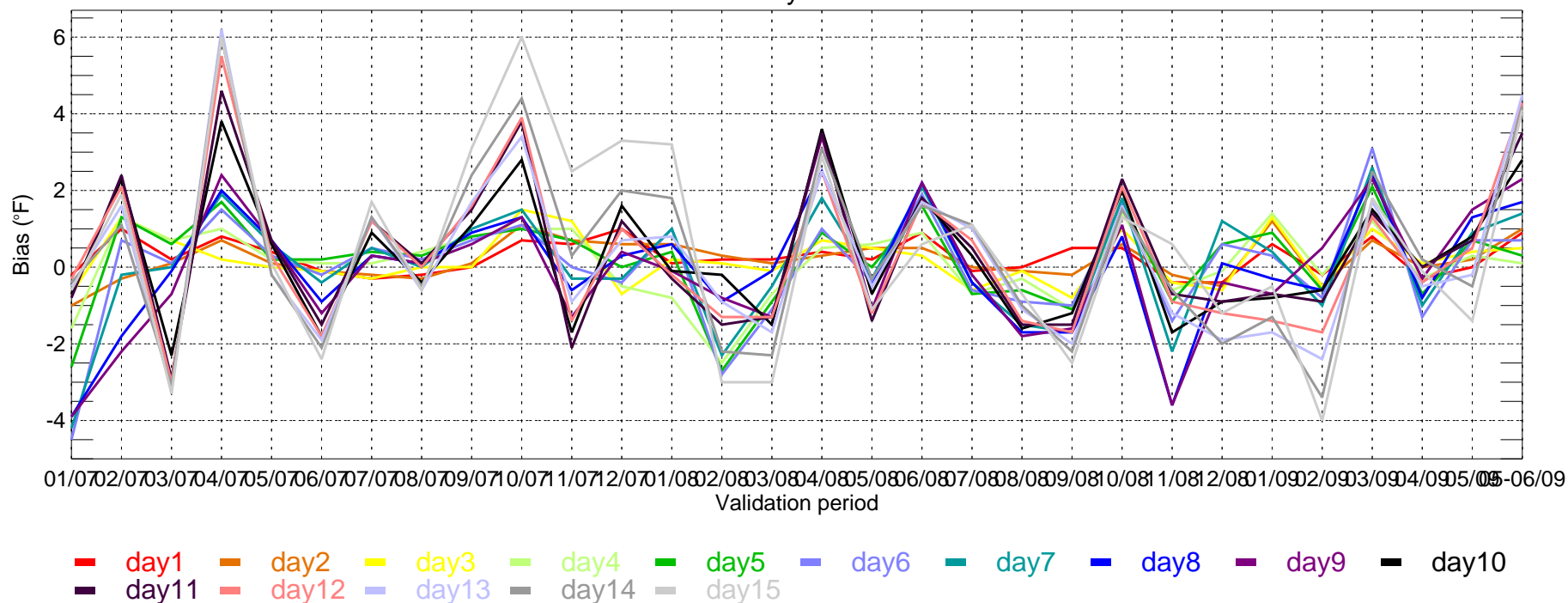
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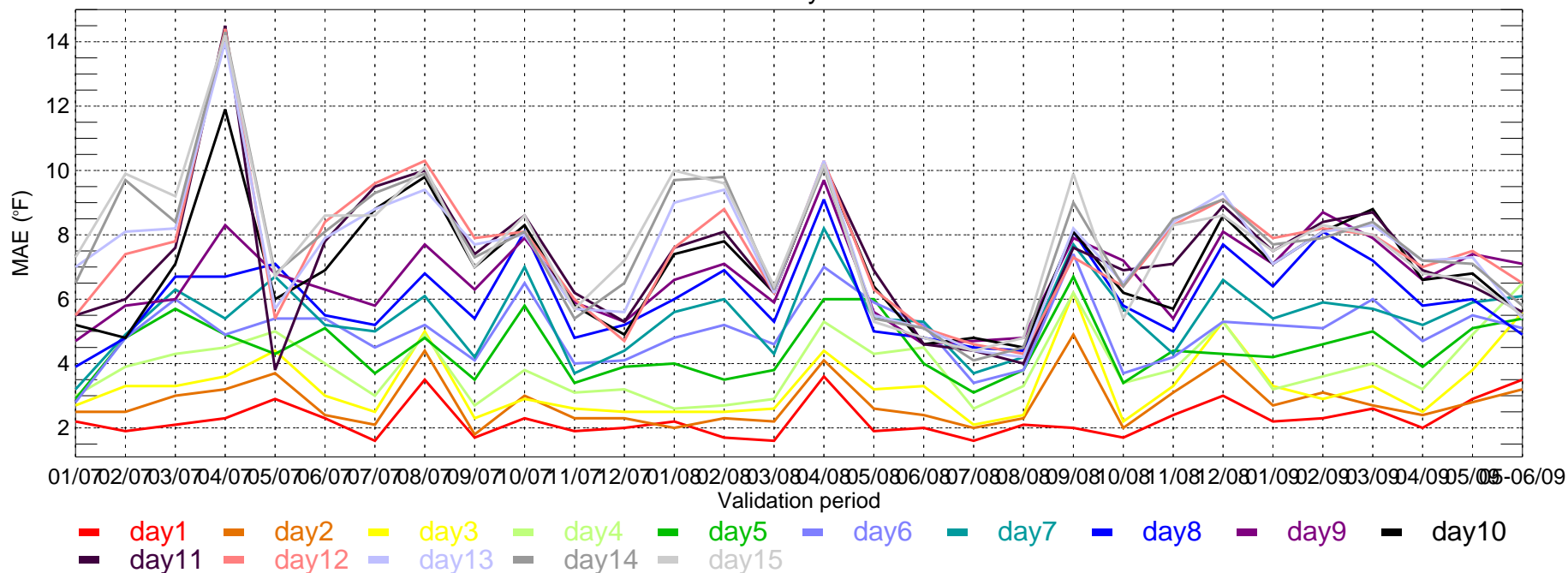
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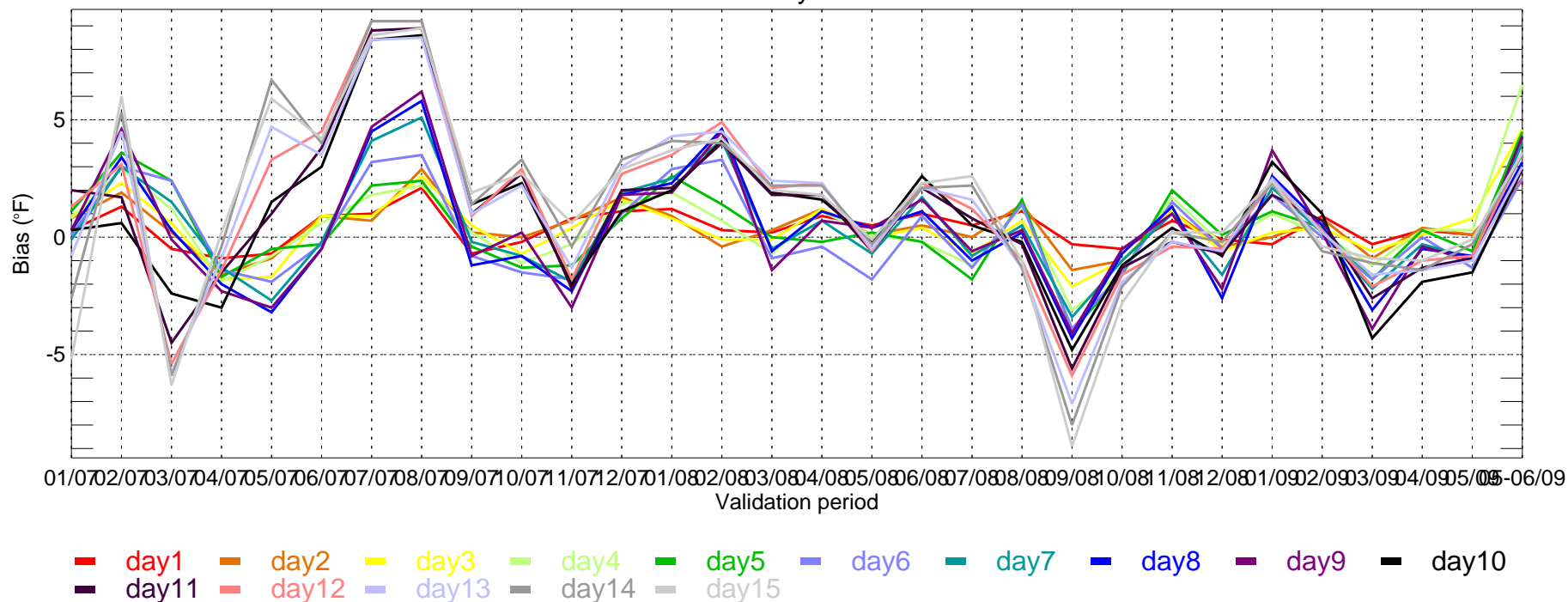
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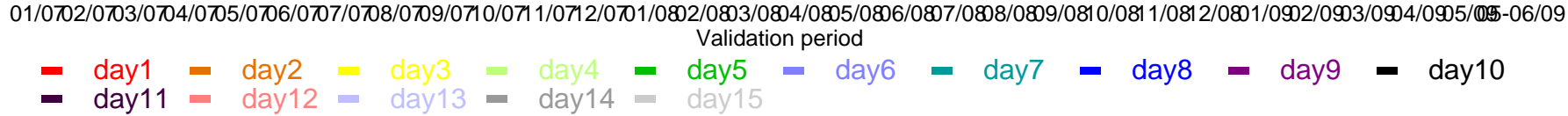
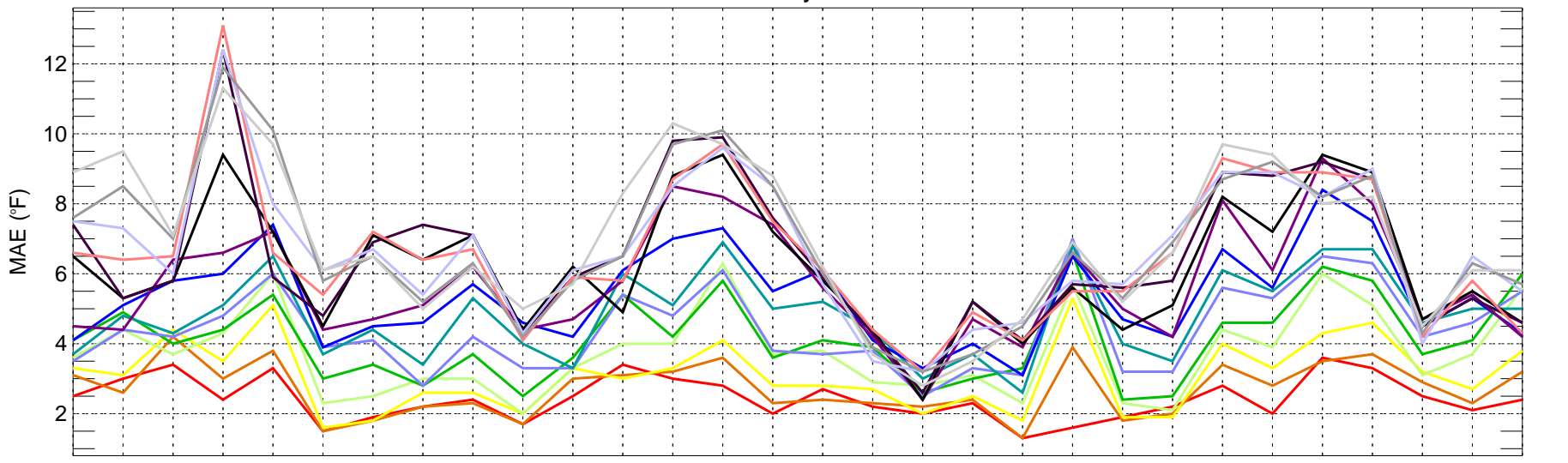
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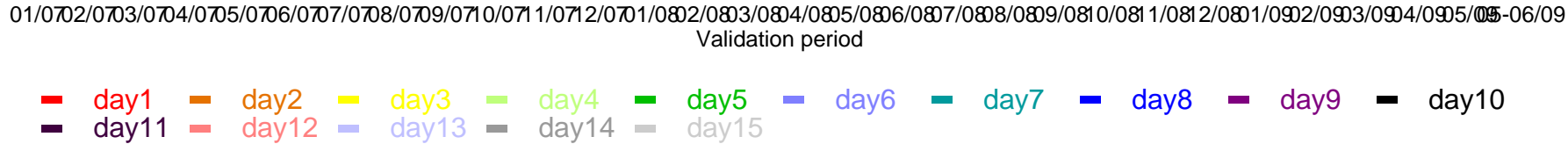
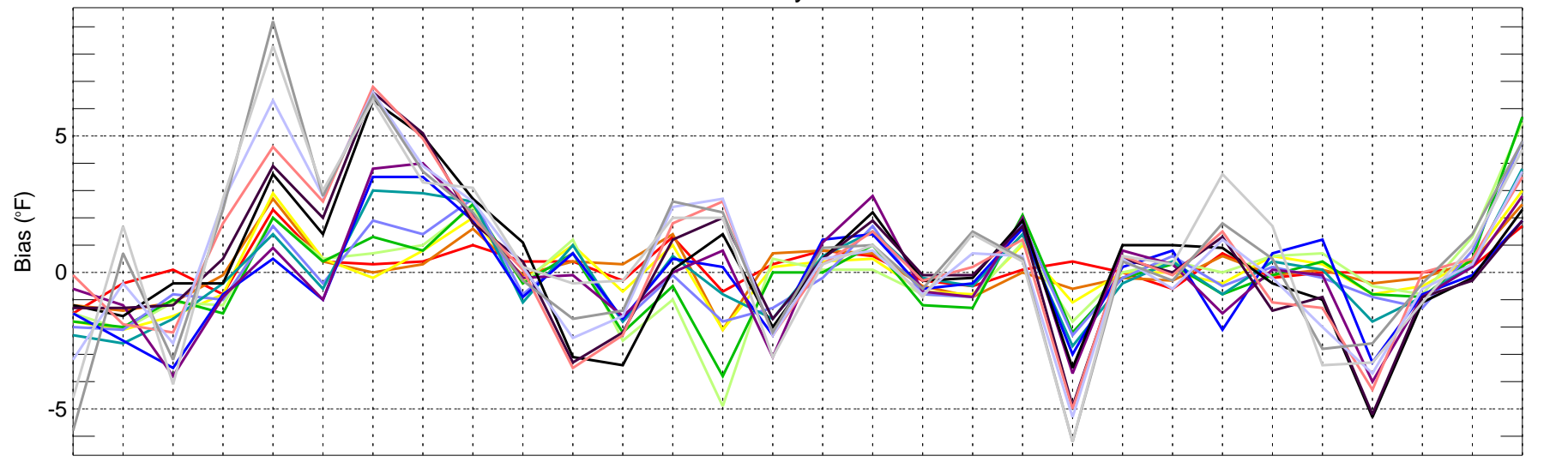
MSP: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



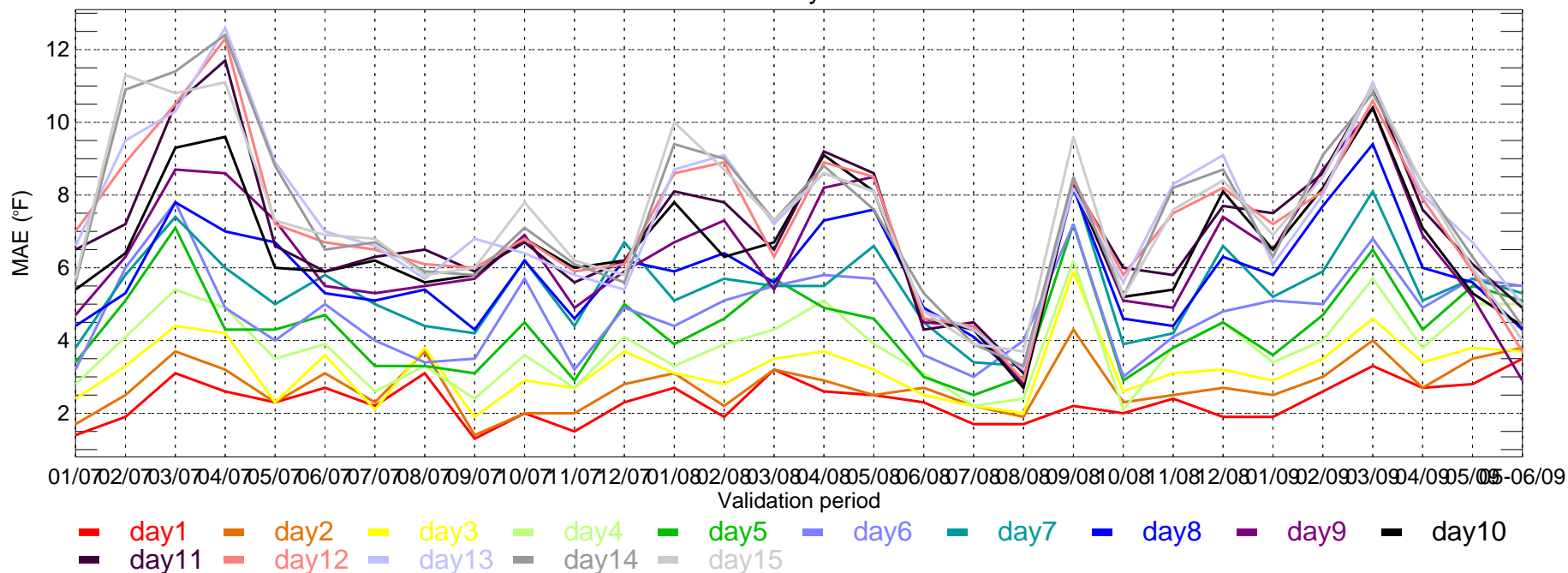
MSP: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



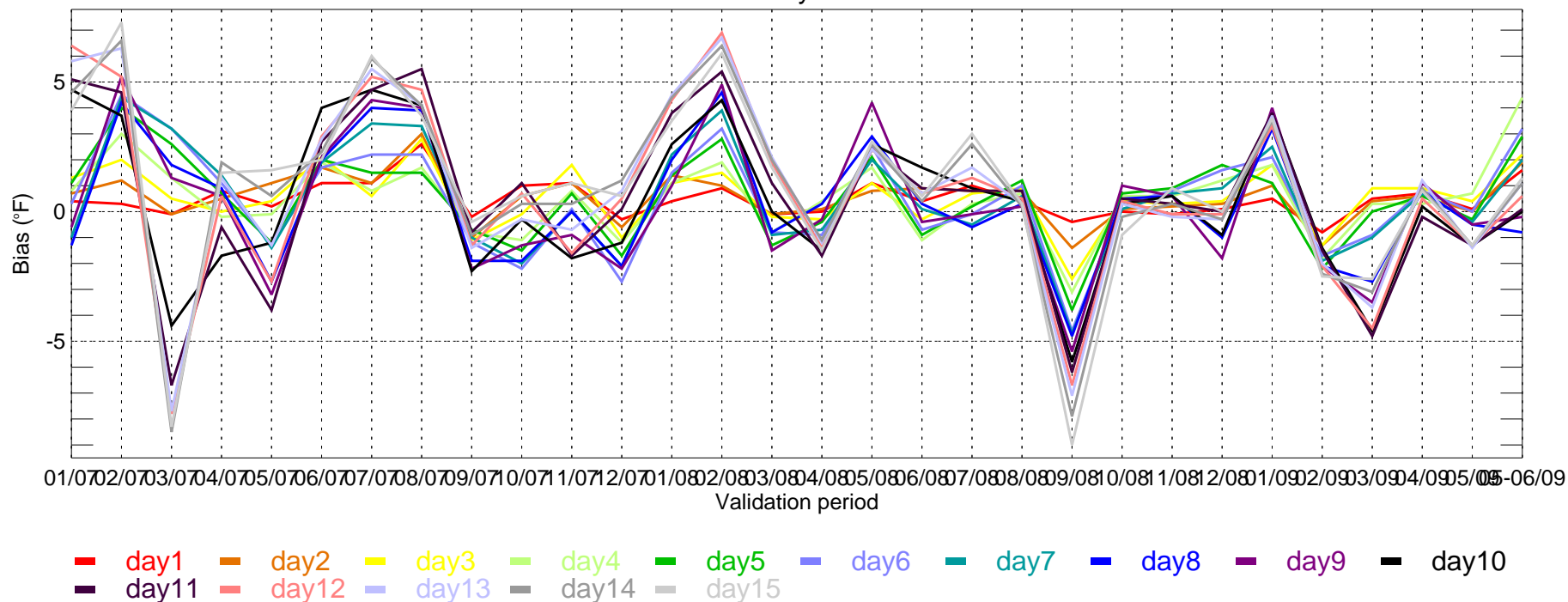
MSP: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



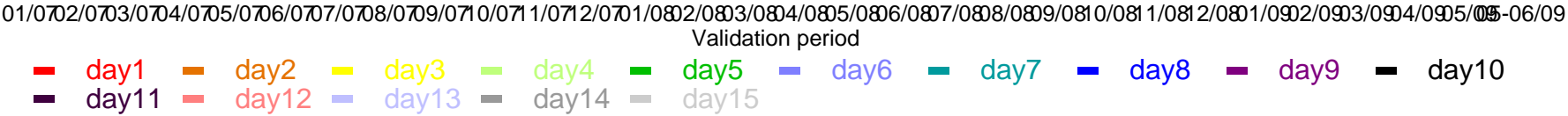
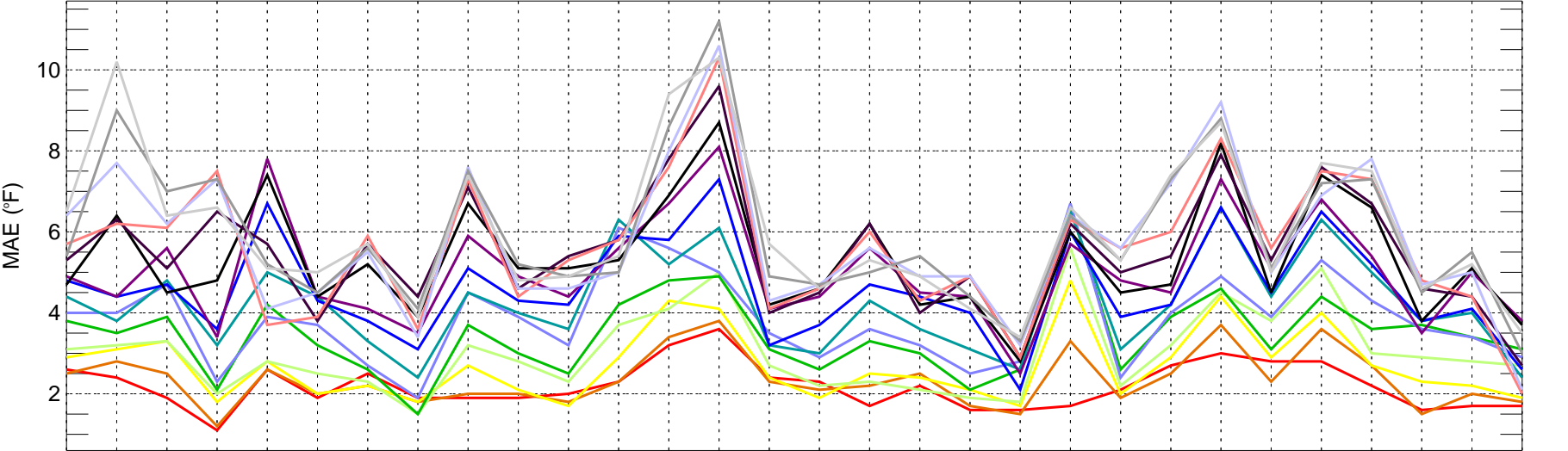
ORD: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



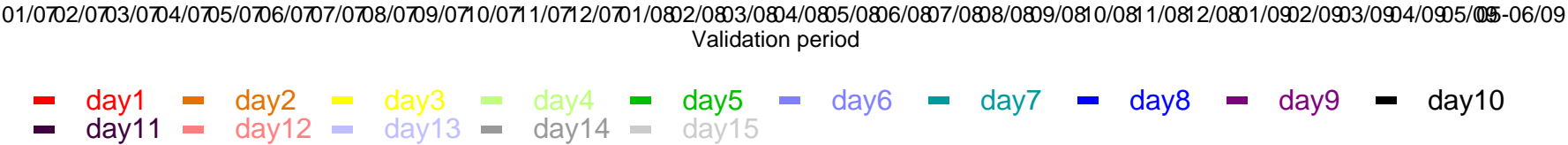
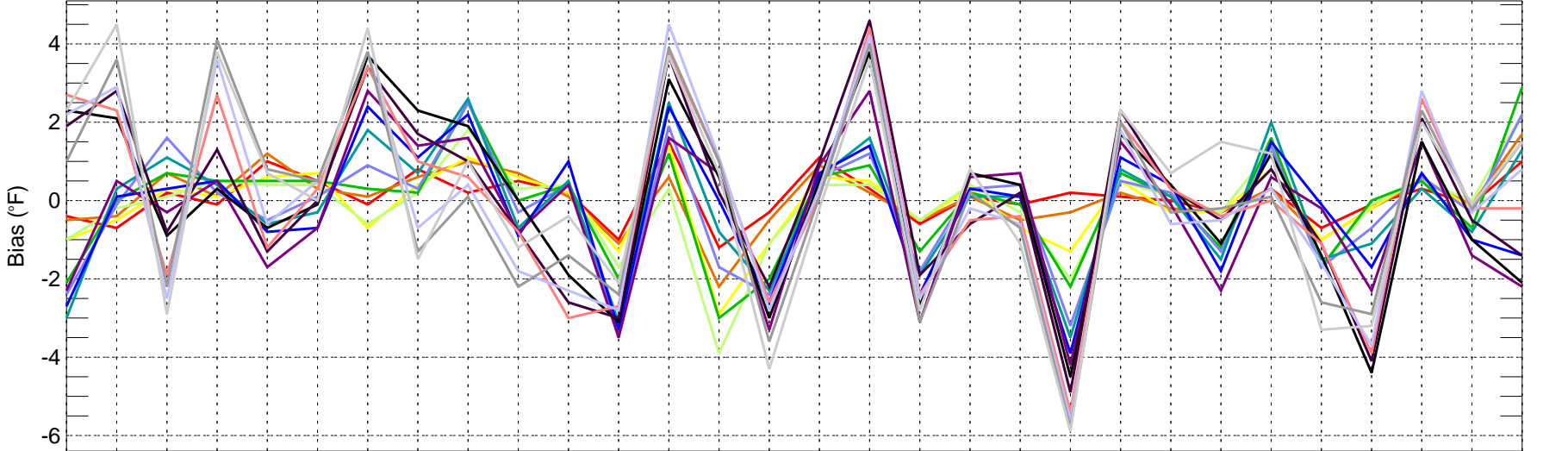
ORD: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



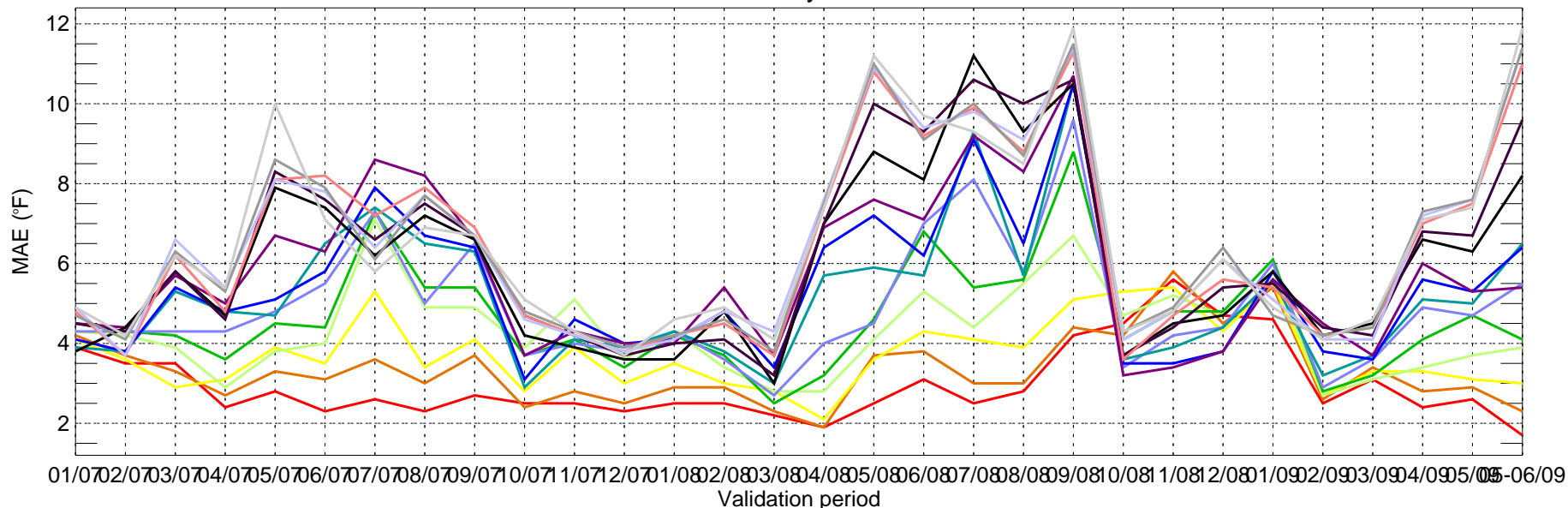
ORD: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



ORD: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

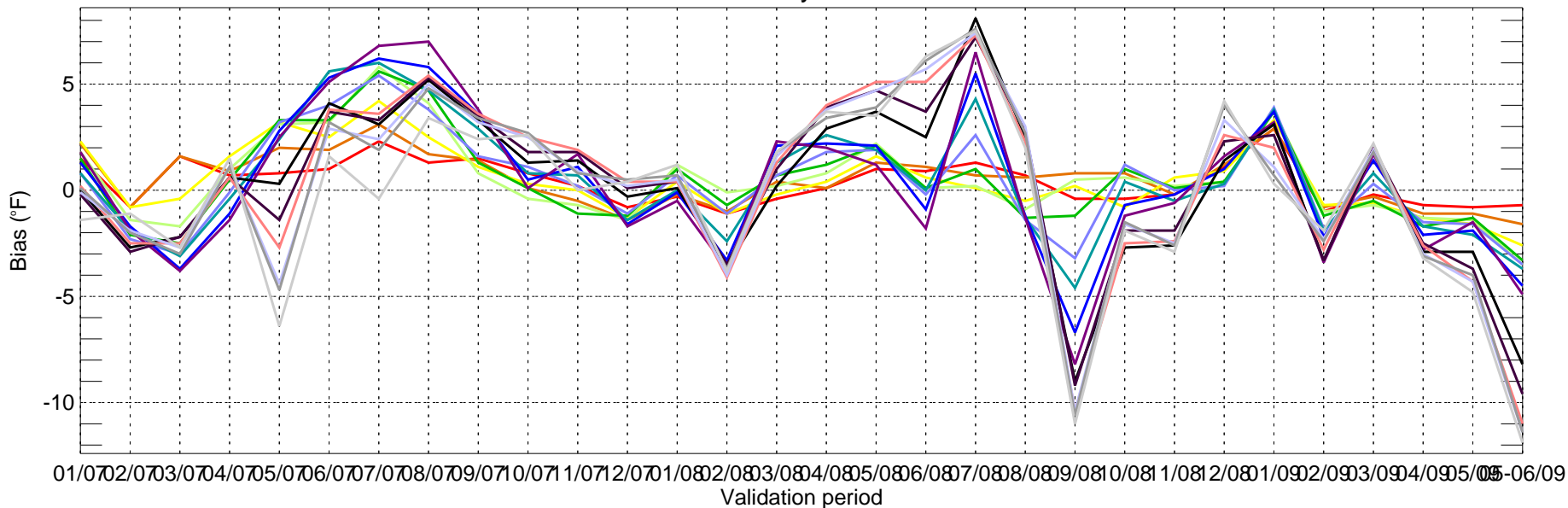


PDX: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



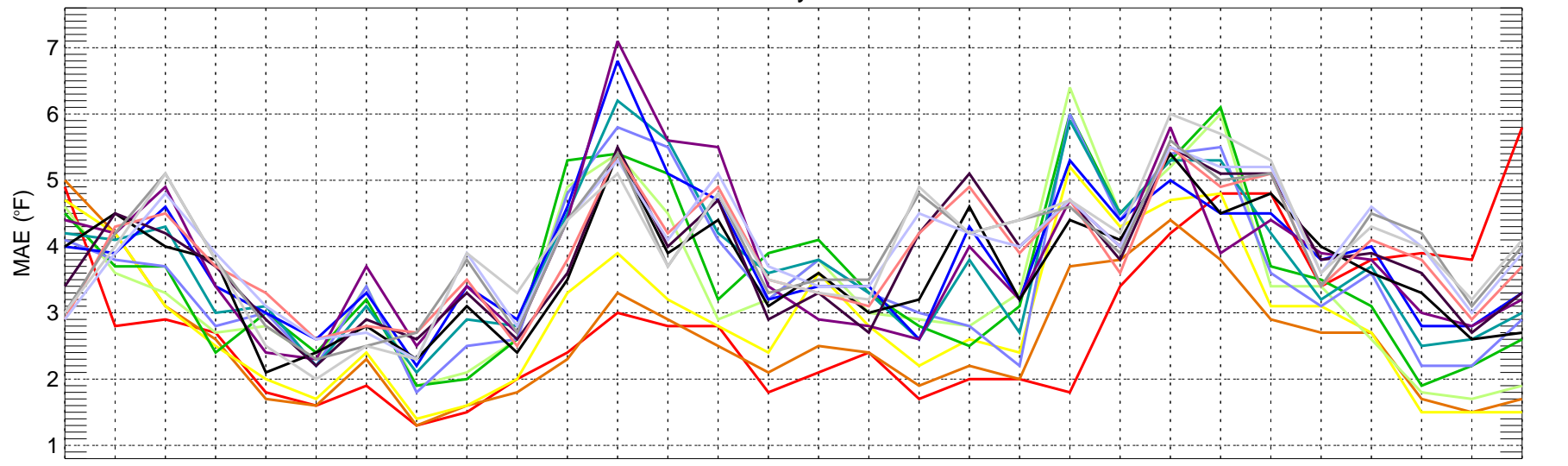
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PDX: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



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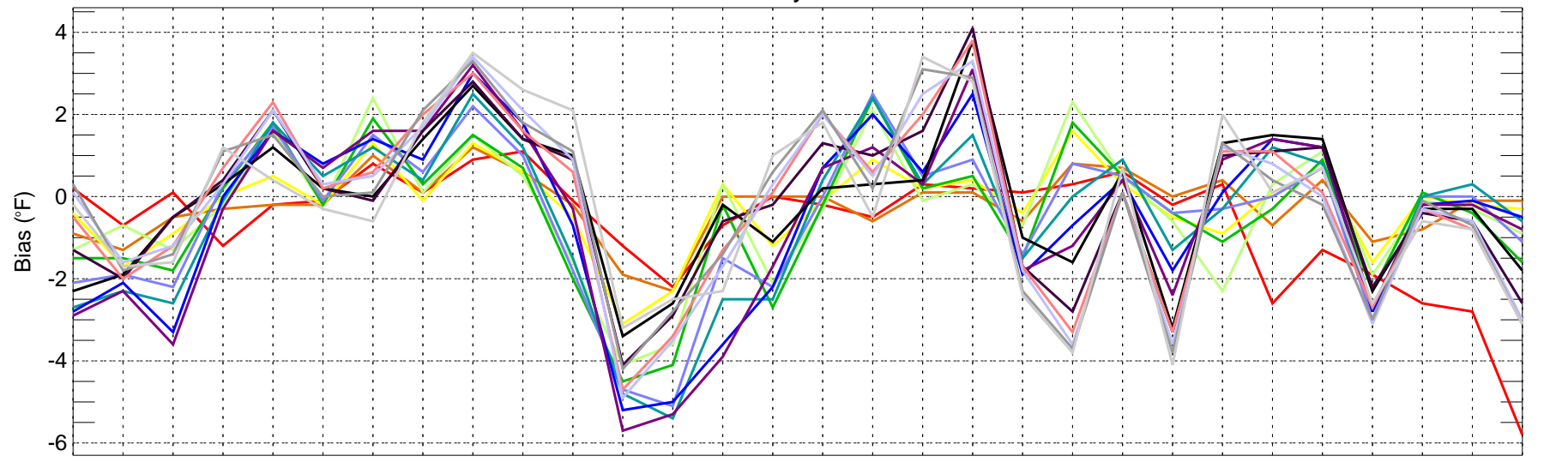
PDX: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09

- Validation period
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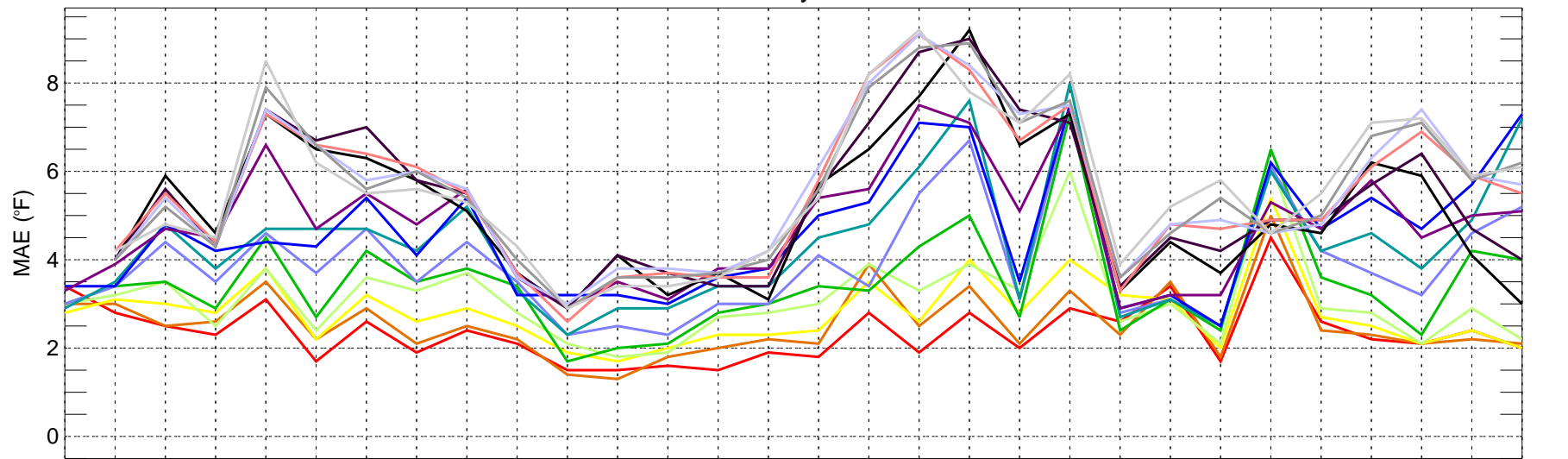
PDX: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01



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SEA: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

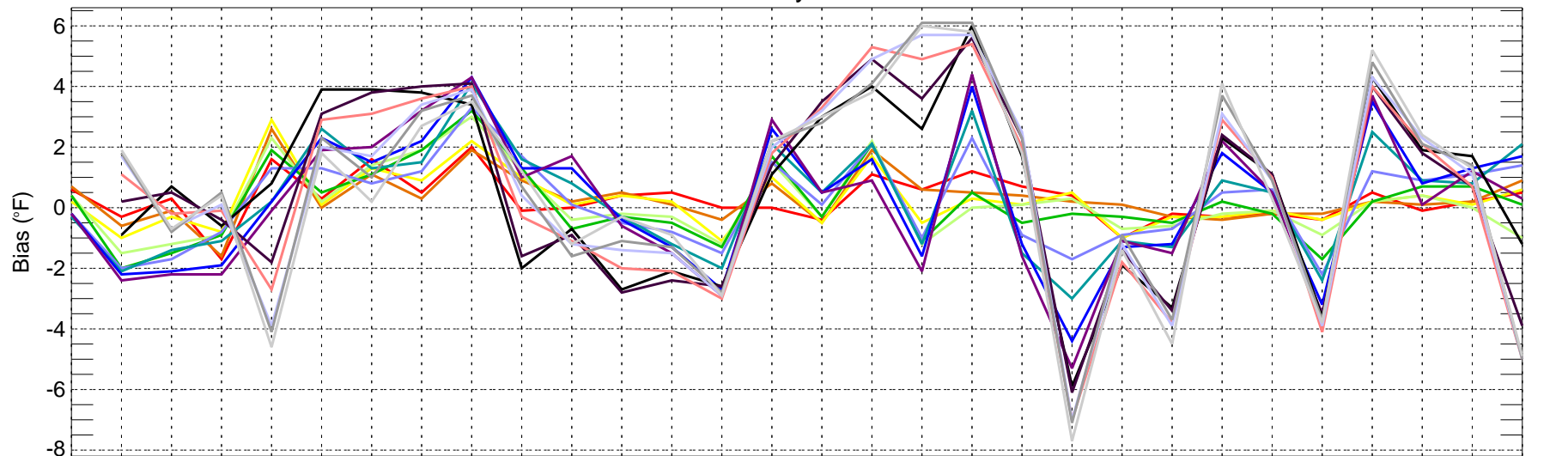


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Validation period

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SEA: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

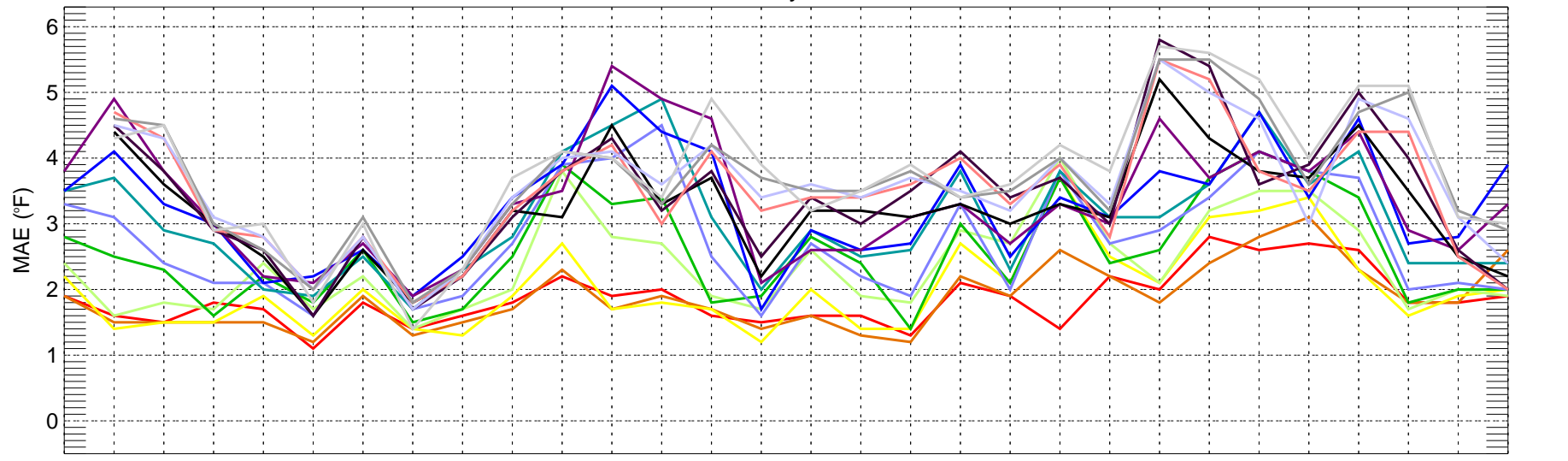


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SEA: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

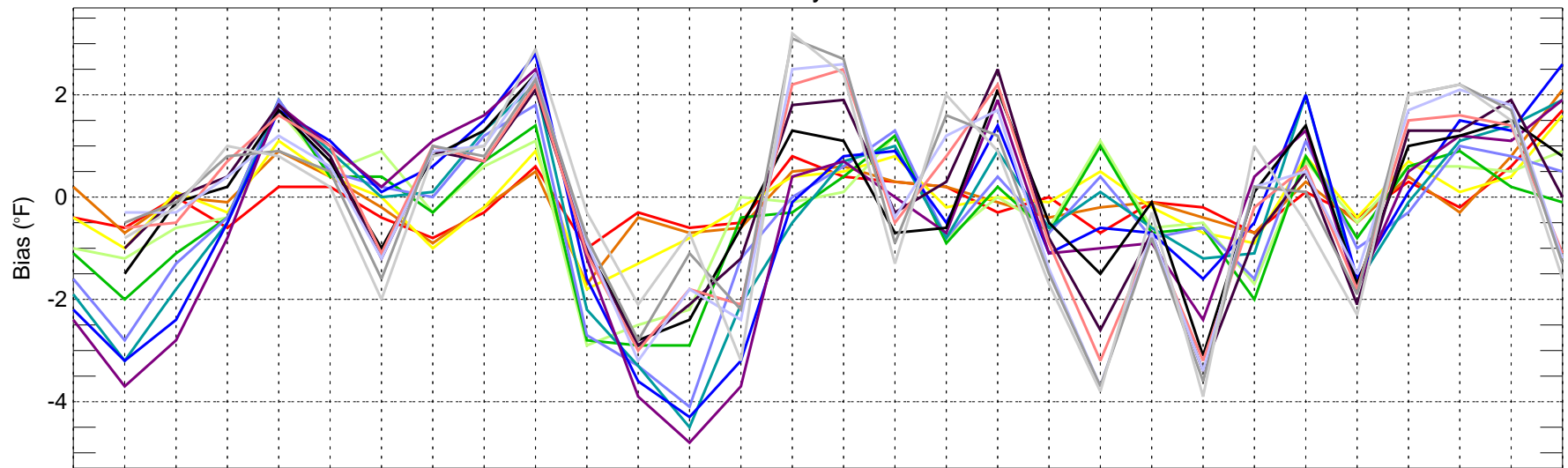


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Validation period

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- day11 day12 day13 day14 day15

SEA: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

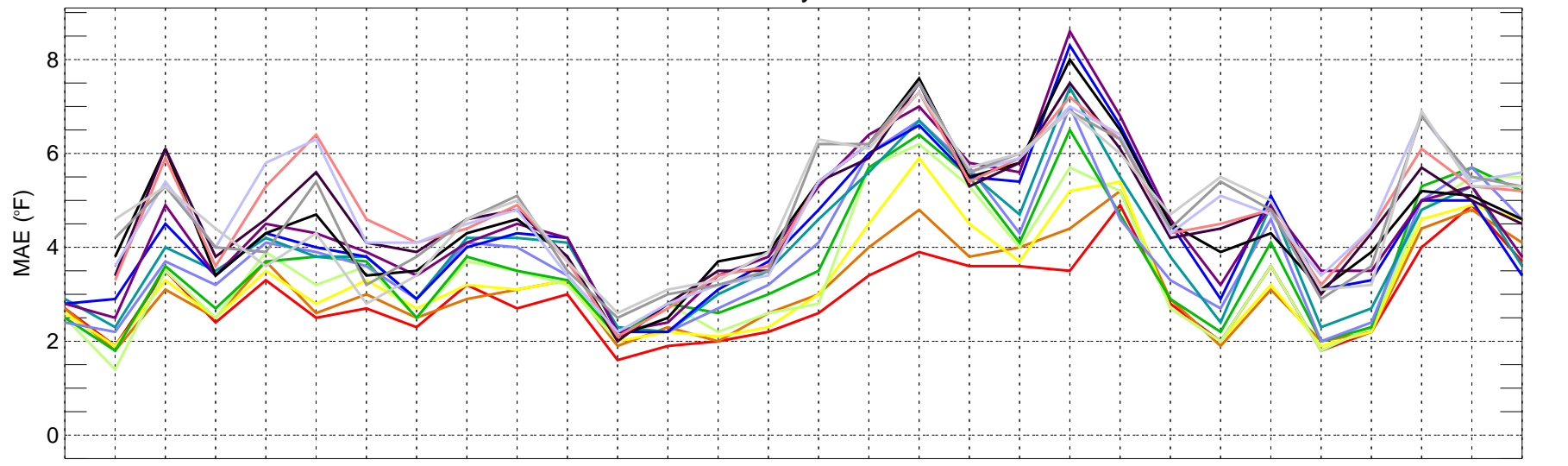


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Validation period

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- day11 day12 day13 day14 day15

SFO: ECMWF Tmax MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

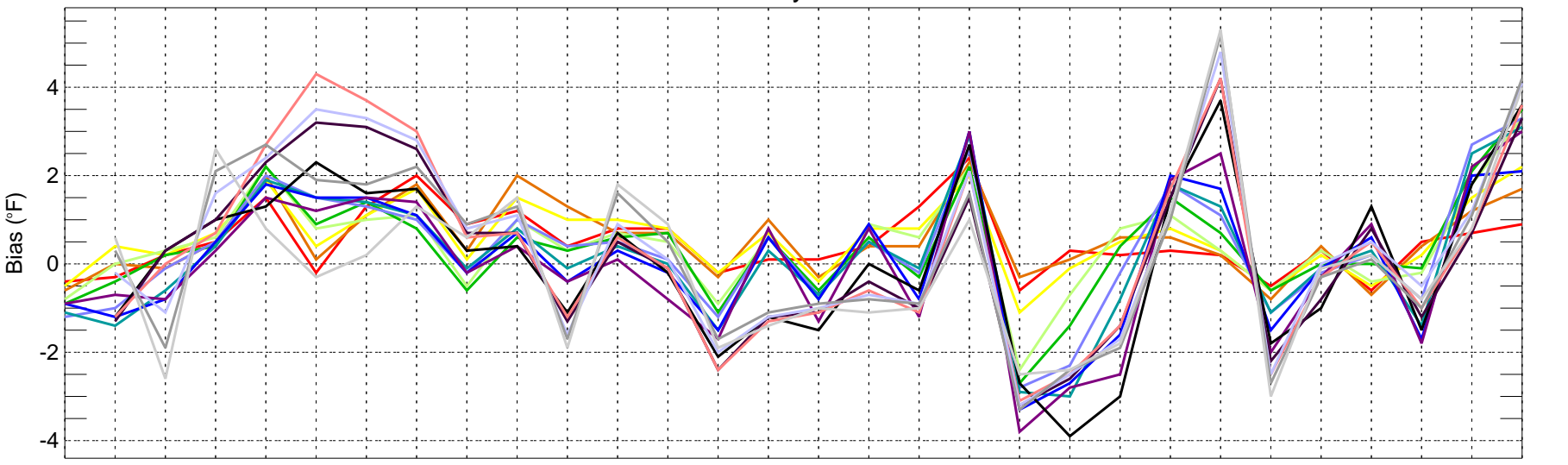


01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09

Validation period

- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

SFO: ECMWF Tmax bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

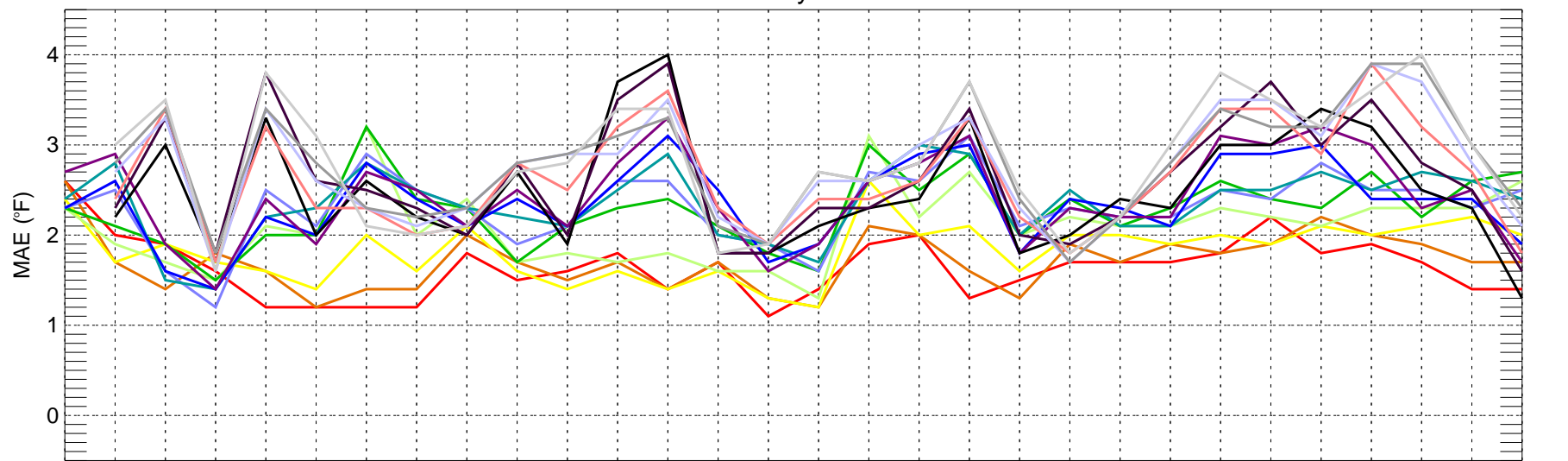


01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09

Validation period

- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

SFO: ECMWF Tmin MAE for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

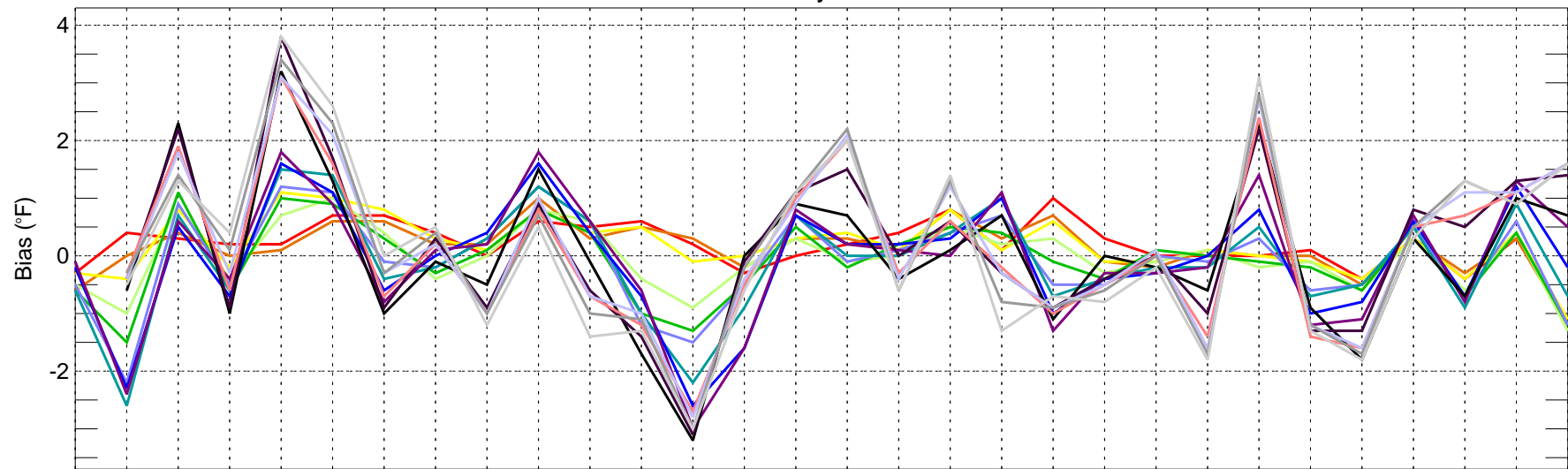


01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09

Validation period

- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

SFO: ECMWF Tmin bias for Bi-monthly Period from 2007-01-01 ~ 2009-06-01

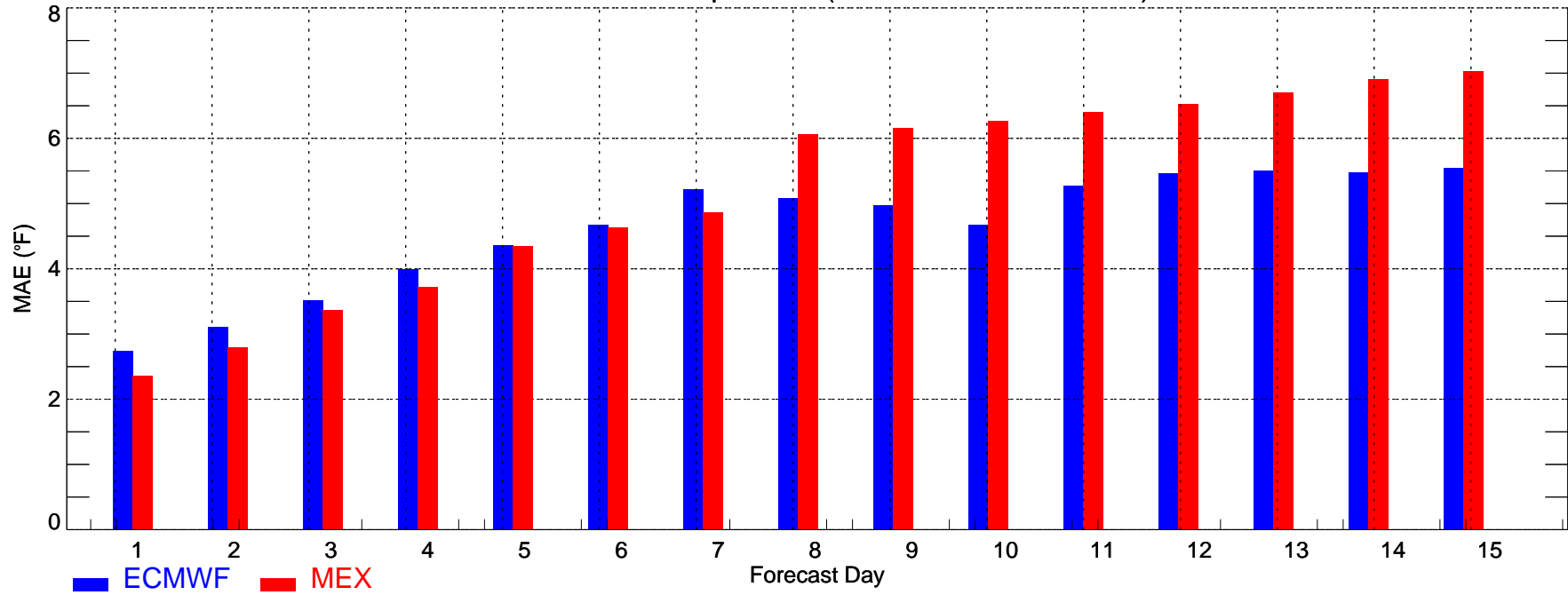


01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08 12/08 01/09 02/09 03/09 04/09 05/09

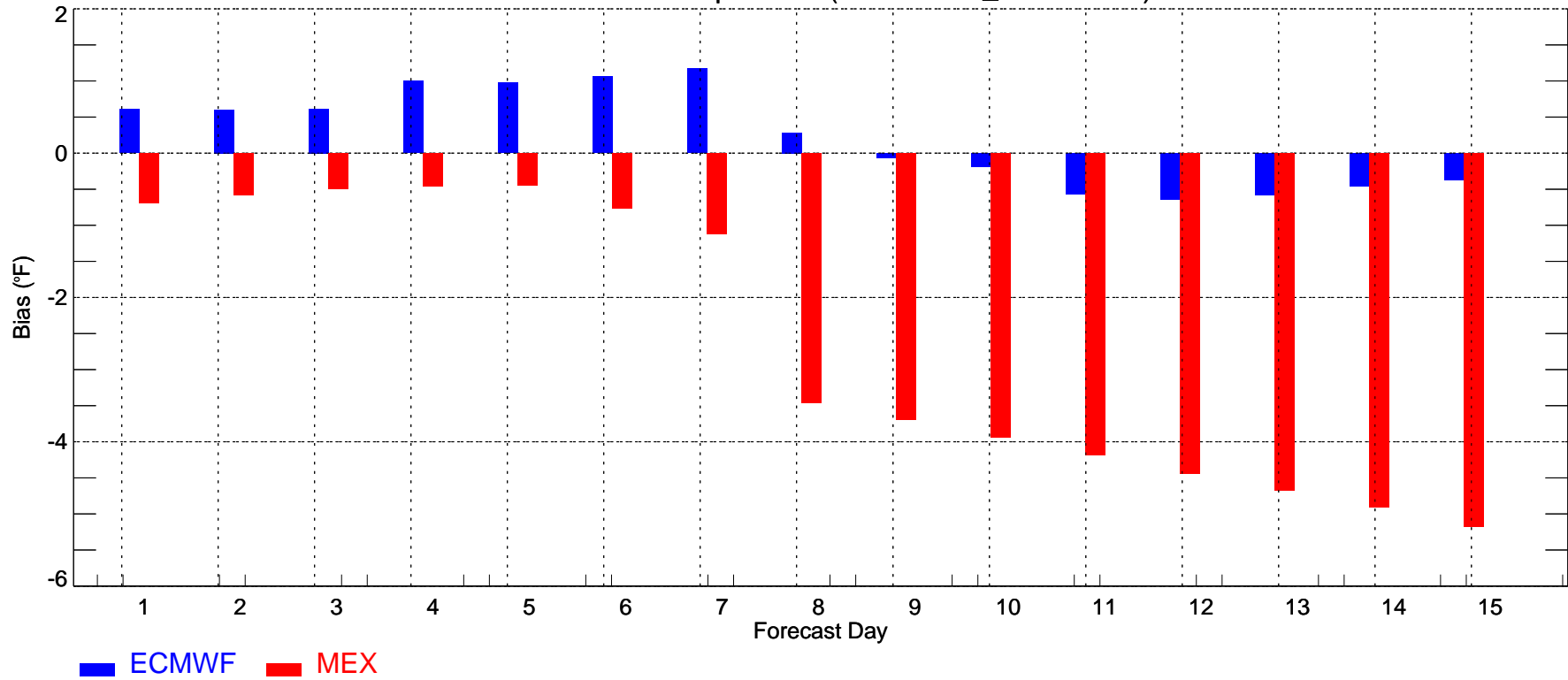
Validation period

- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

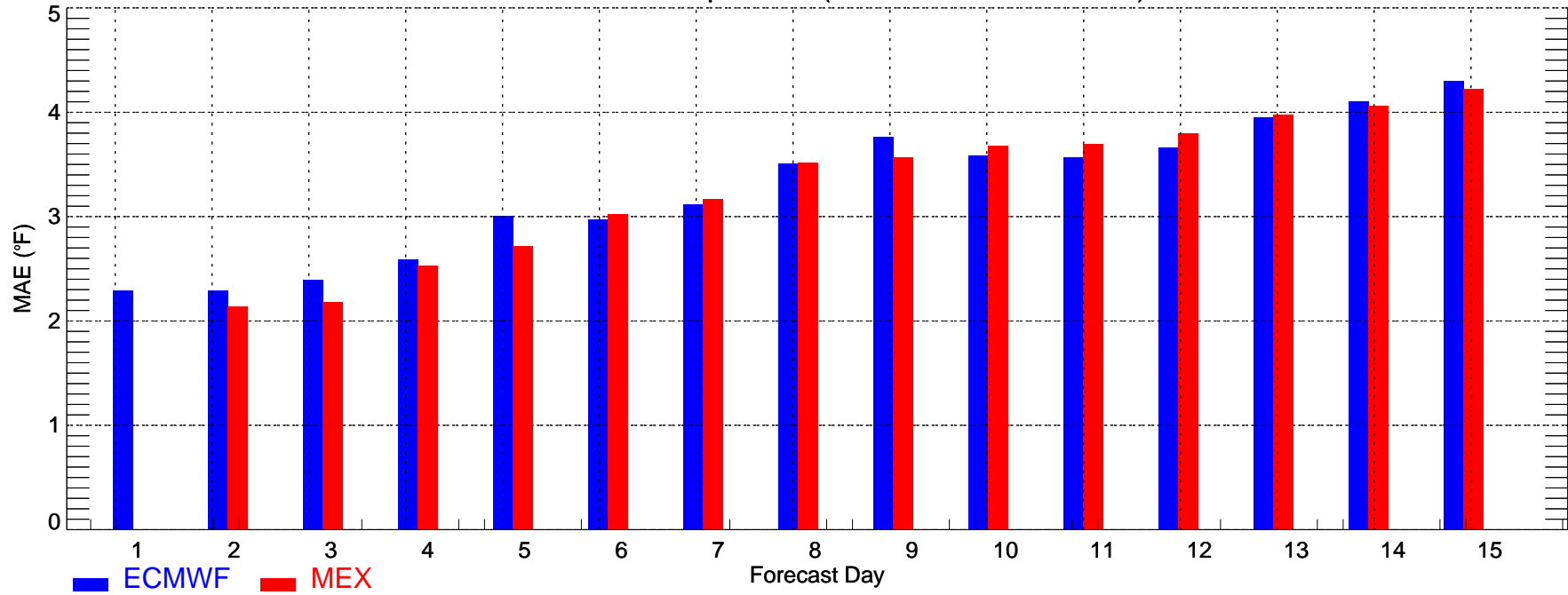
CUST1: Max Temperature (2009-05-23_2009-06-01)



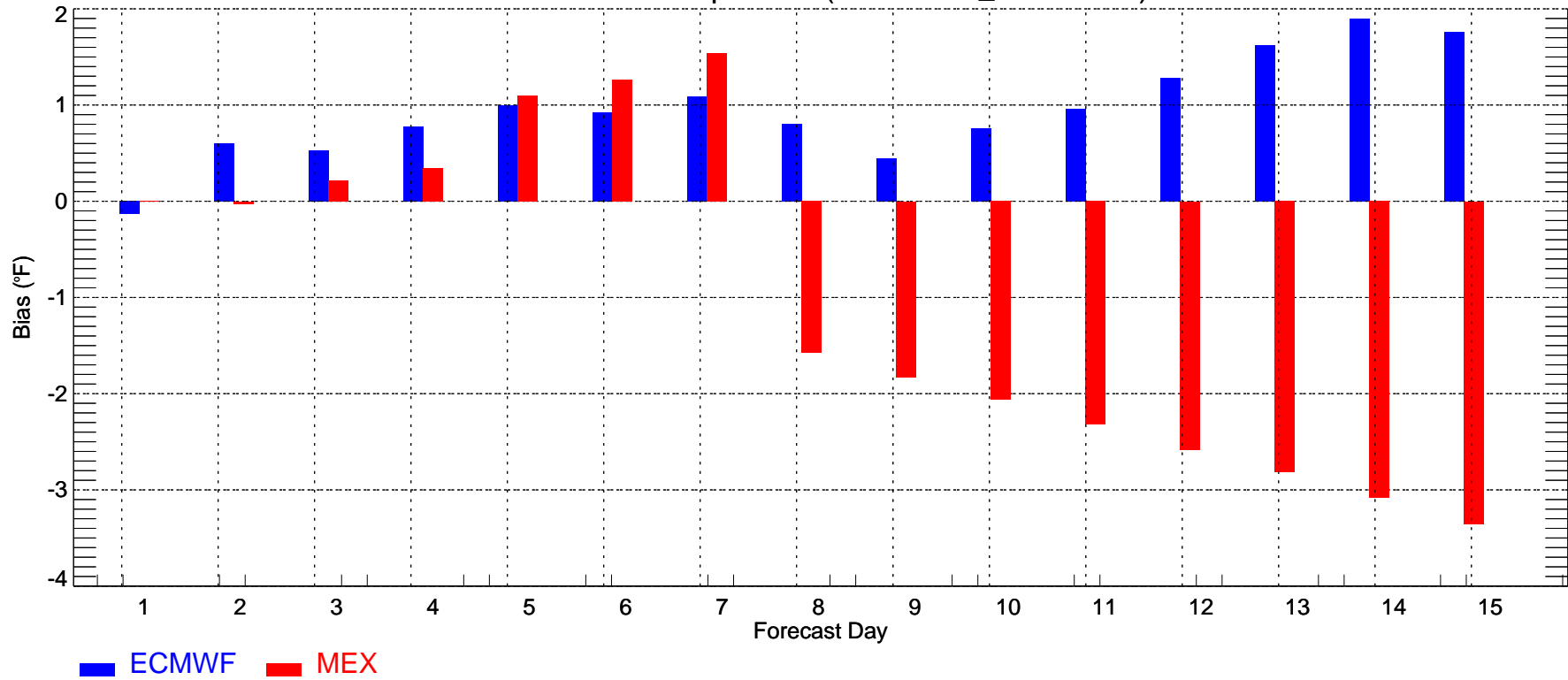
CUST1: Max Temperature (2009-05-23_2009-06-01)



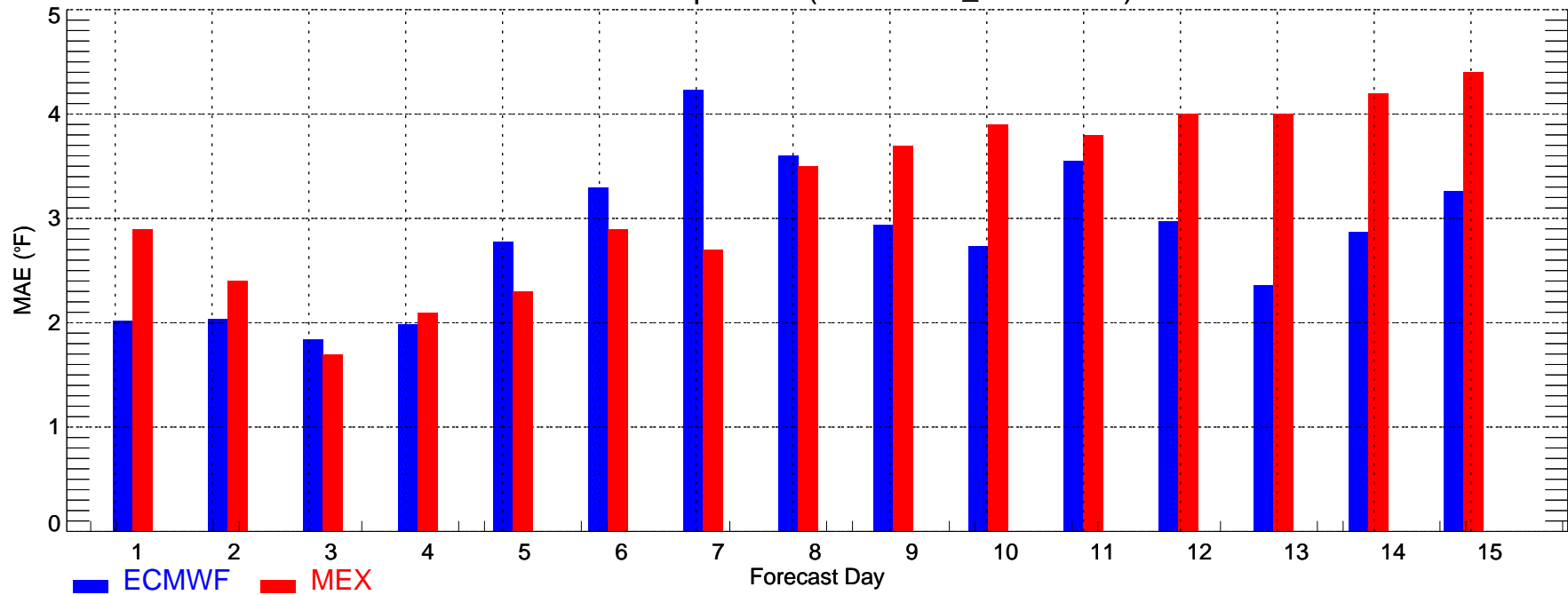
CUST1: Min Temperature (2009-05-23_2009-06-01)



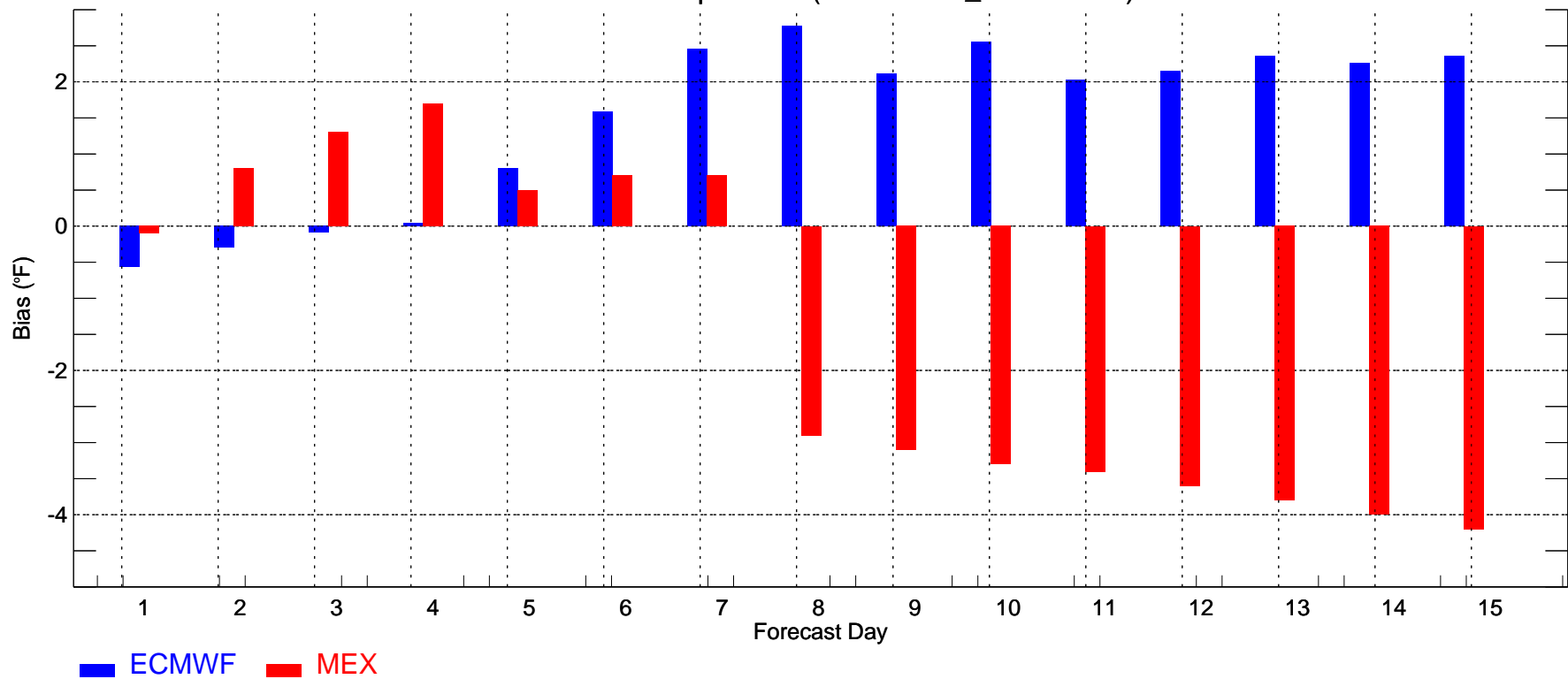
CUST1: Min Temperature (2009-05-23_2009-06-01)



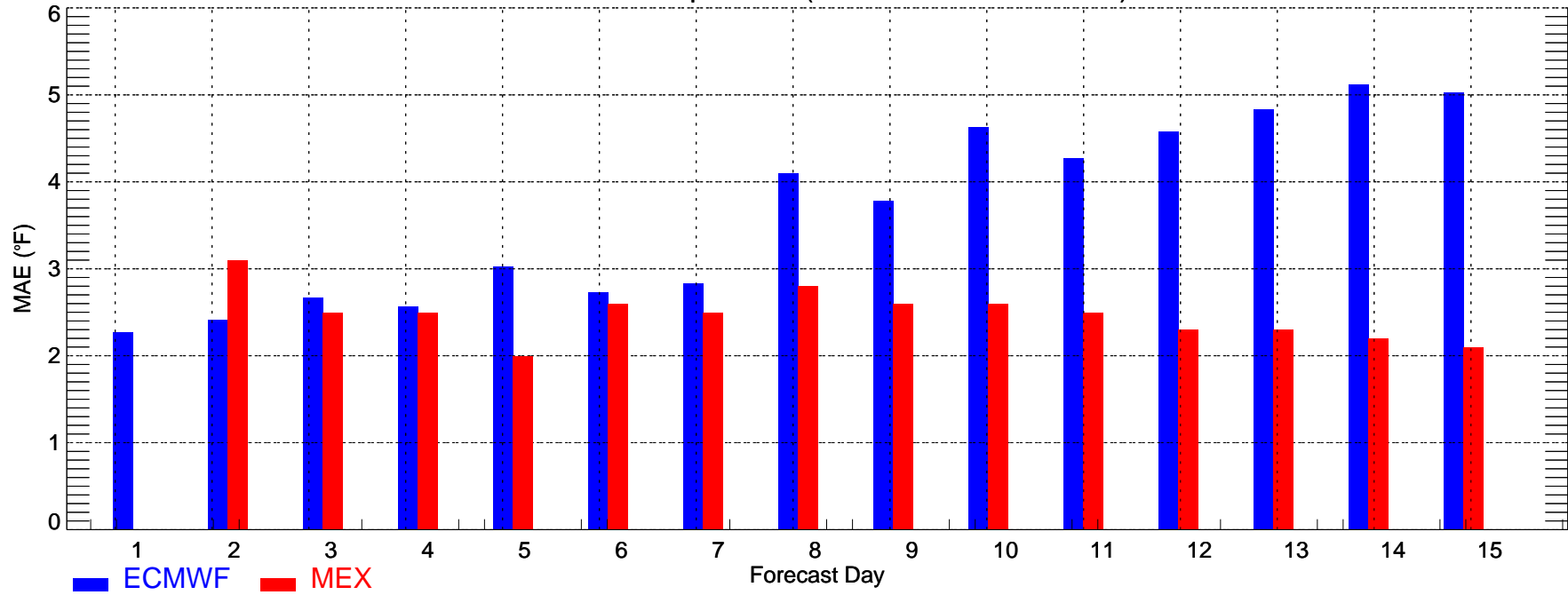
AUS: Max Temperature (2009-05-23_2009-06-01)



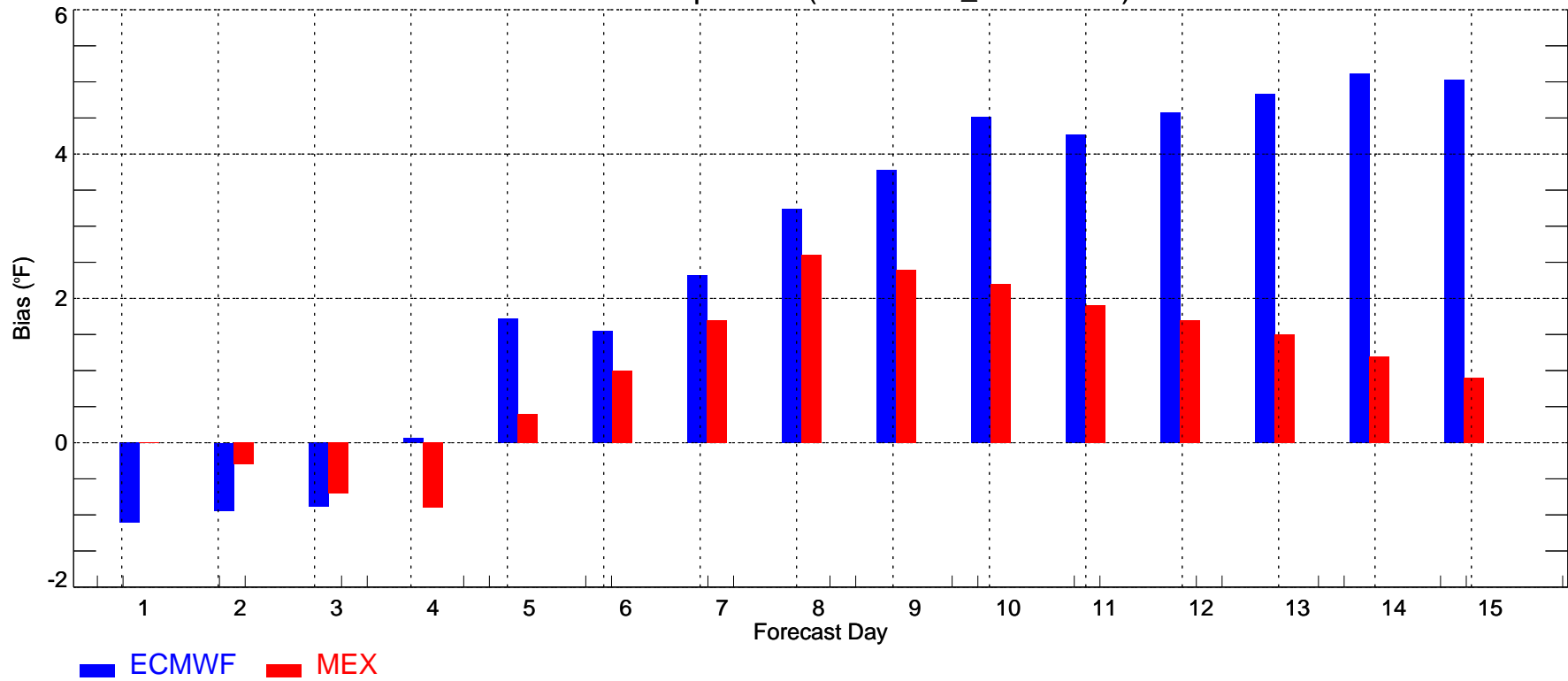
AUS: Max Temperature (2009-05-23_2009-06-01)



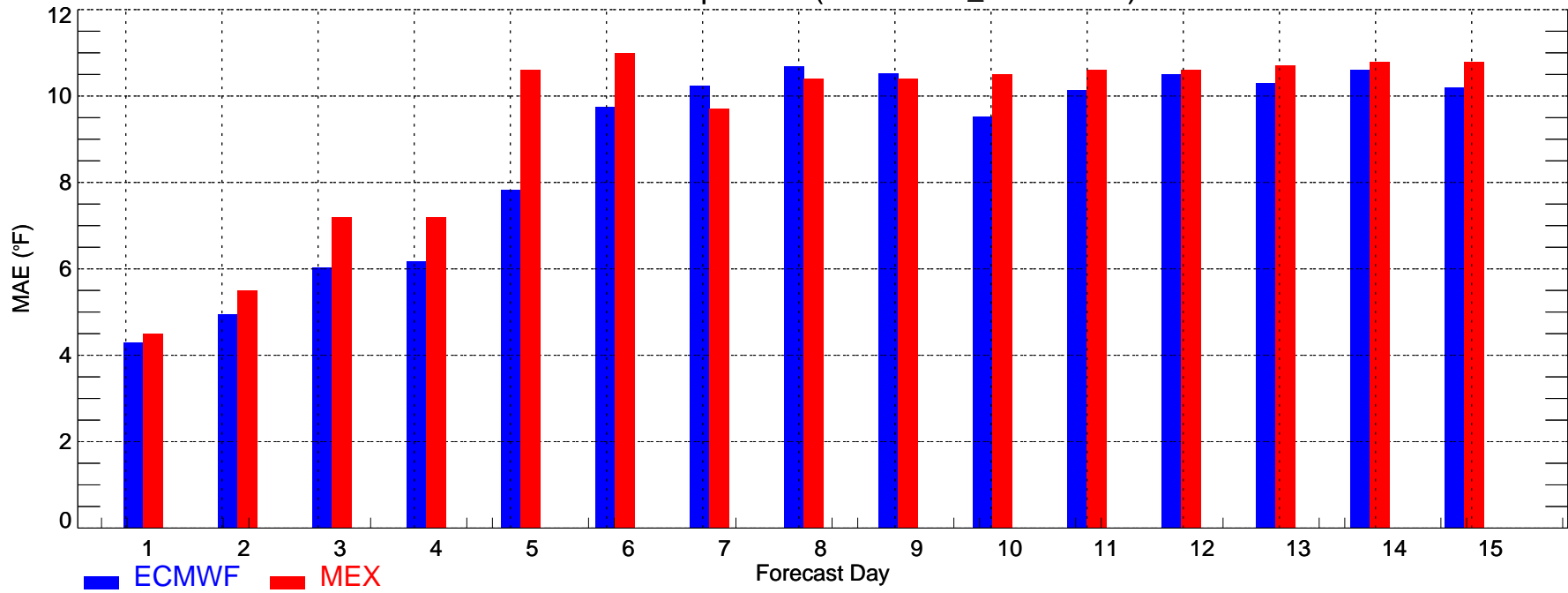
AUS: Min Temperature (2009-05-23_2009-06-01)



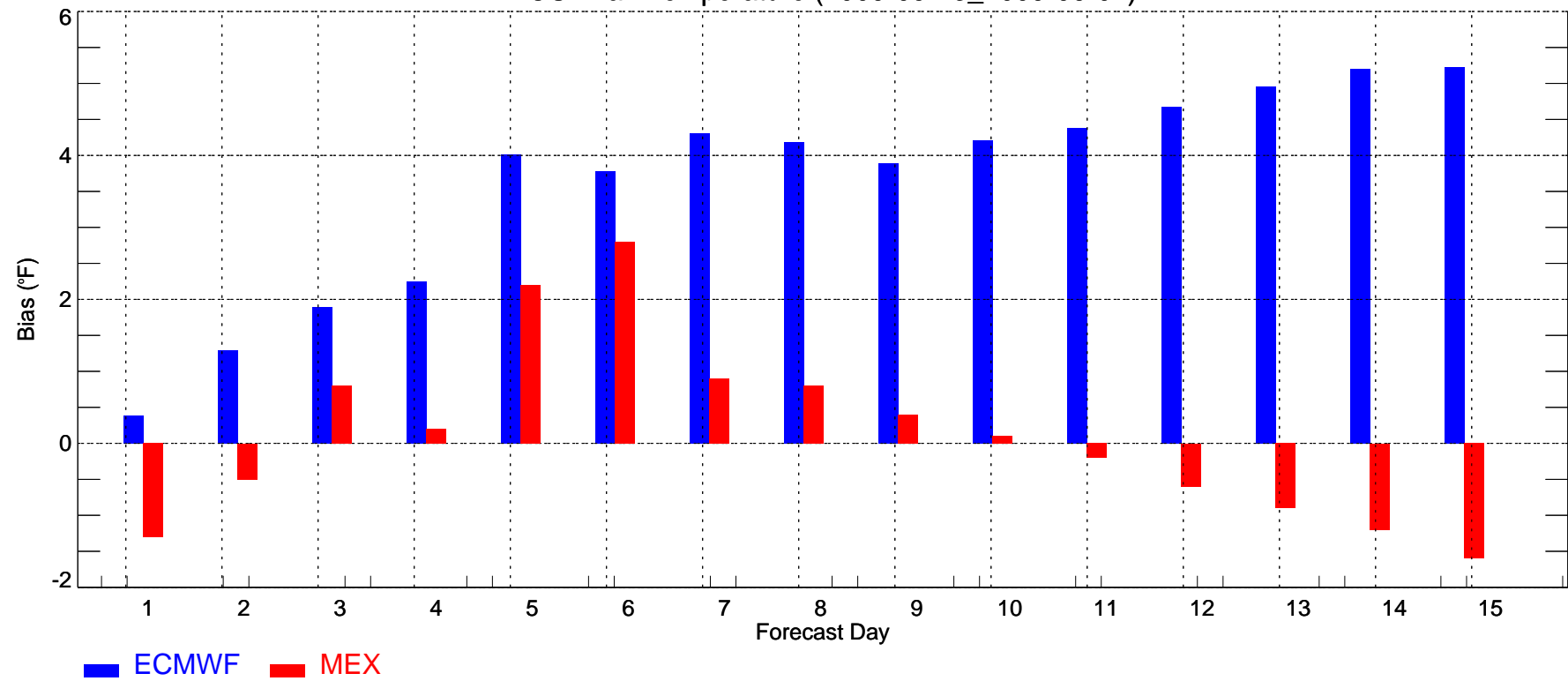
AUS: Min Temperature (2009-05-23_2009-06-01)



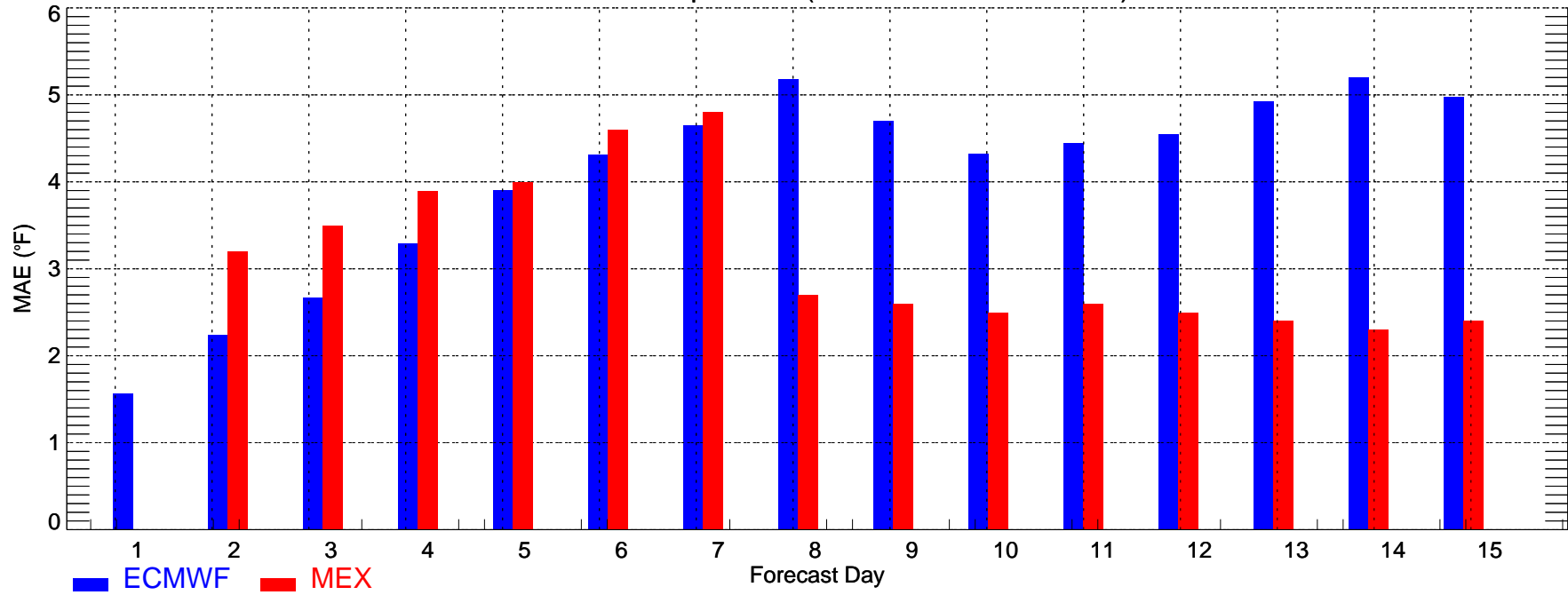
BOS: Max Temperature (2009-05-23_2009-06-01)



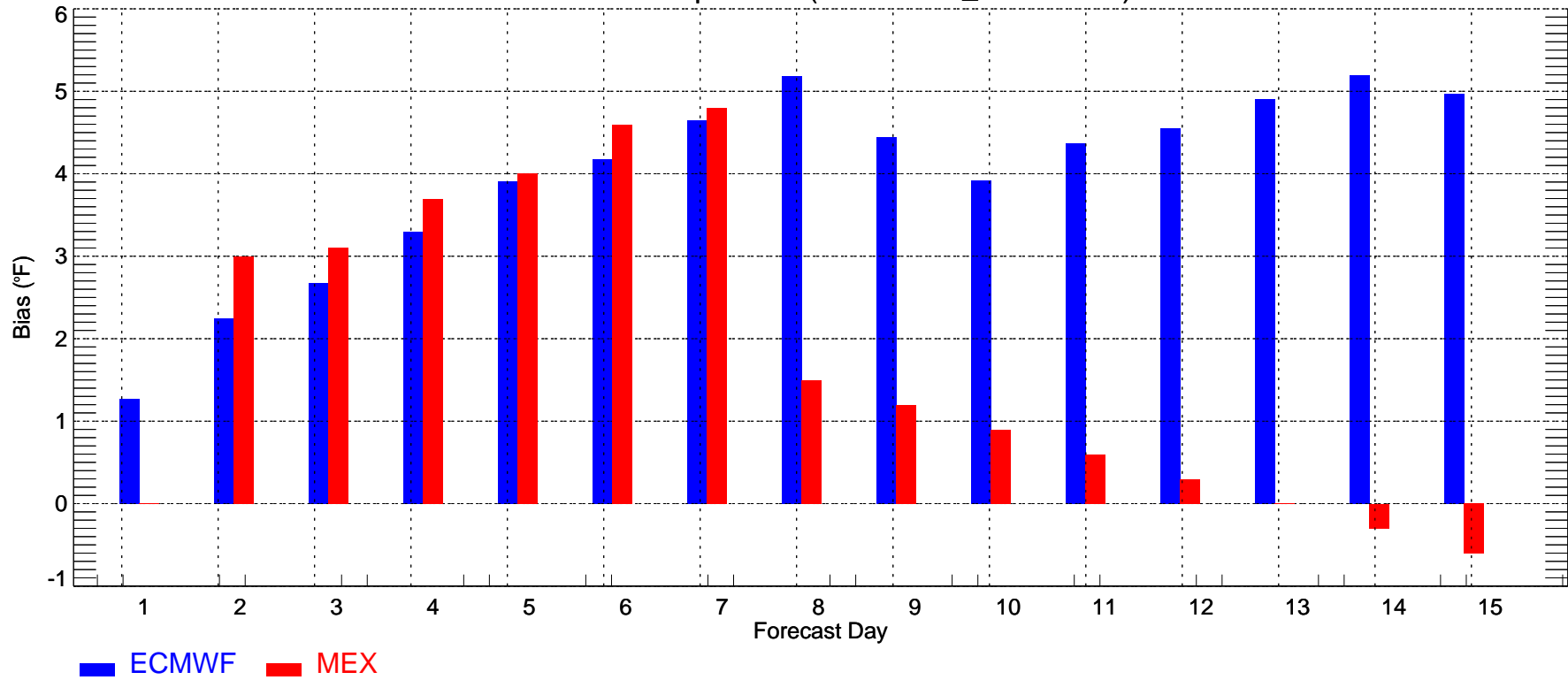
BOS: Max Temperature (2009-05-23_2009-06-01)



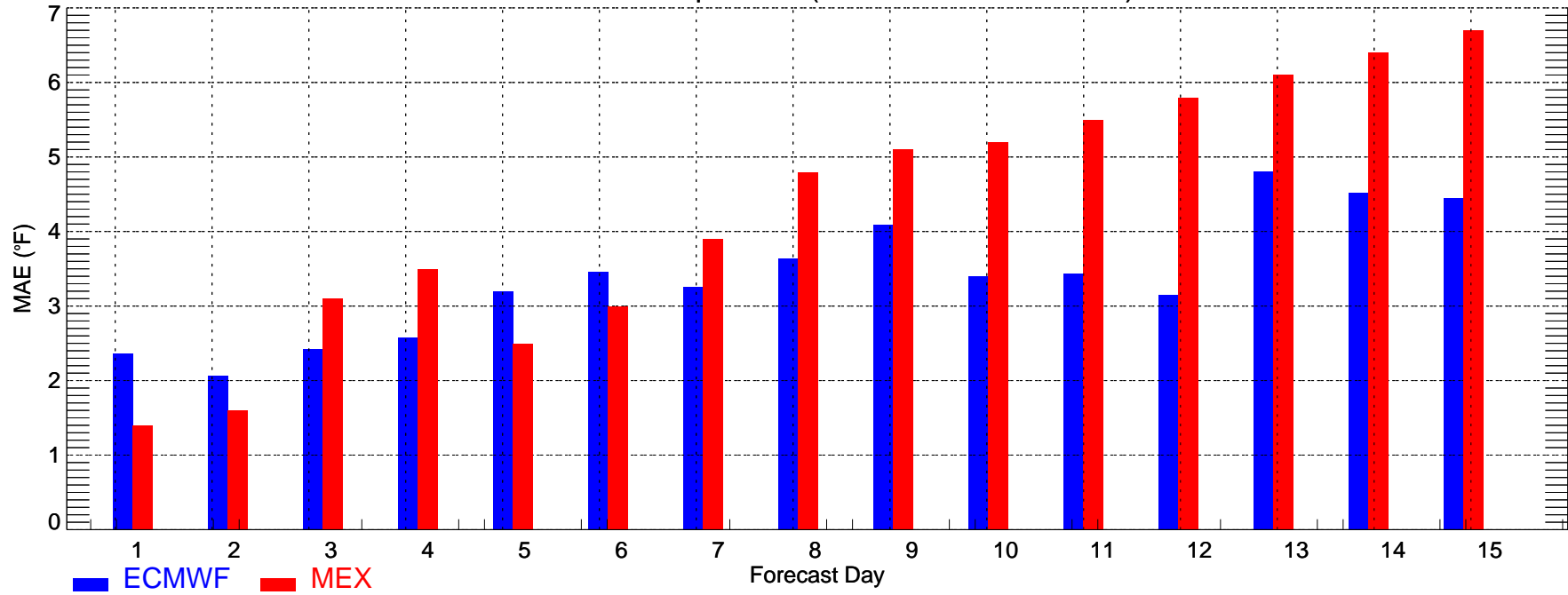
BOS: Min Temperature (2009-05-23_2009-06-01)



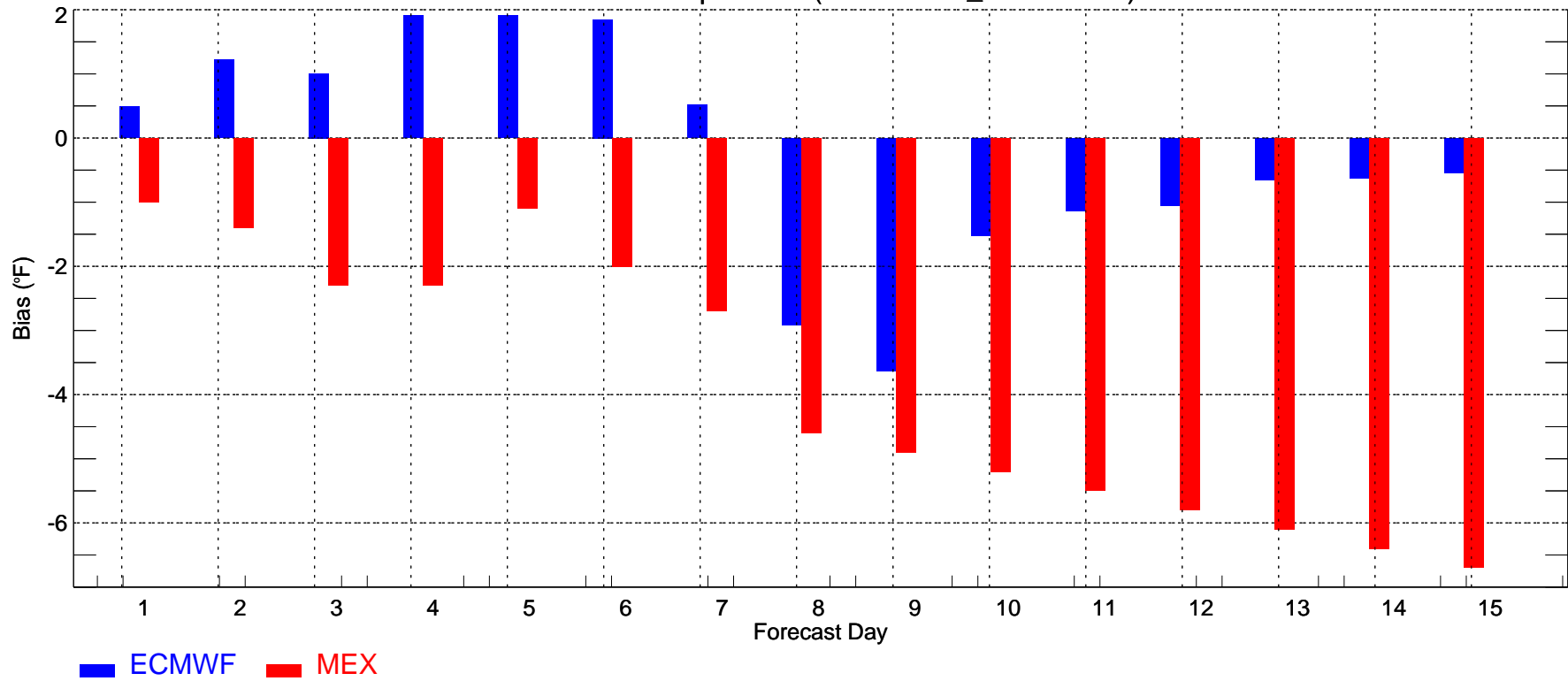
BOS: Min Temperature (2009-05-23_2009-06-01)



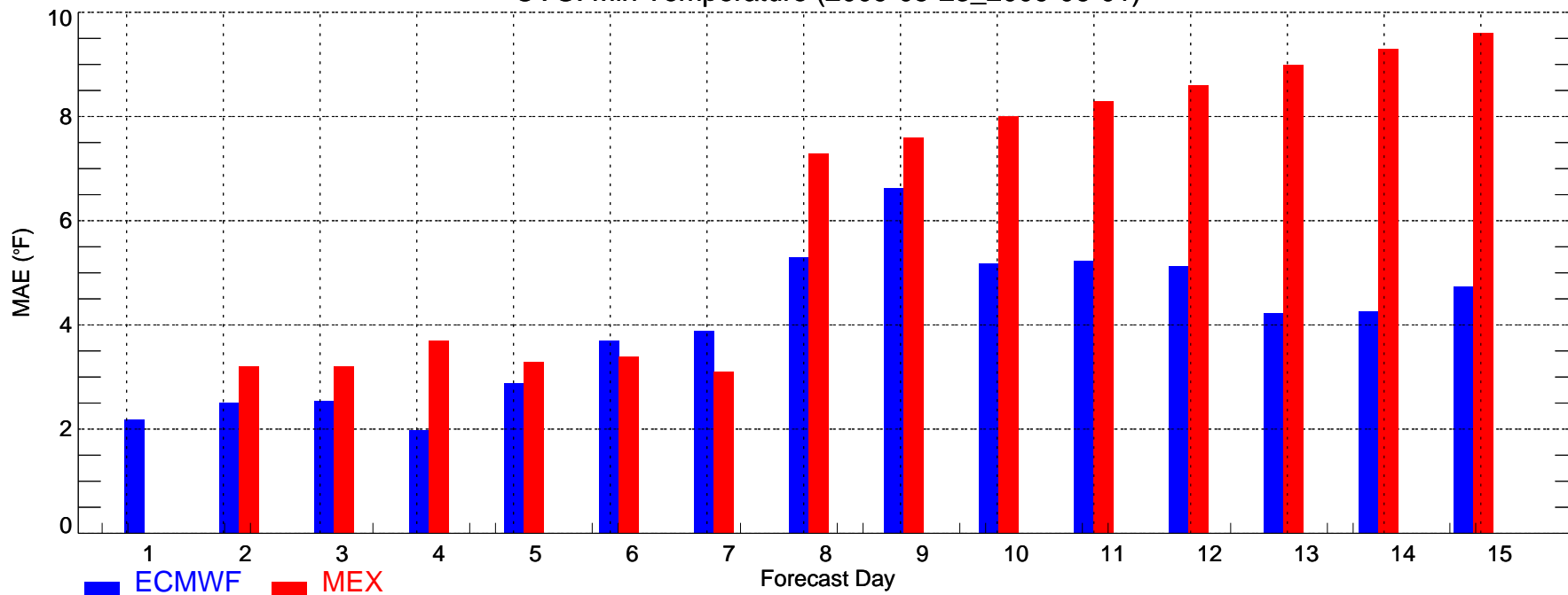
CVG: Max Temperature (2009-05-23_2009-06-01)



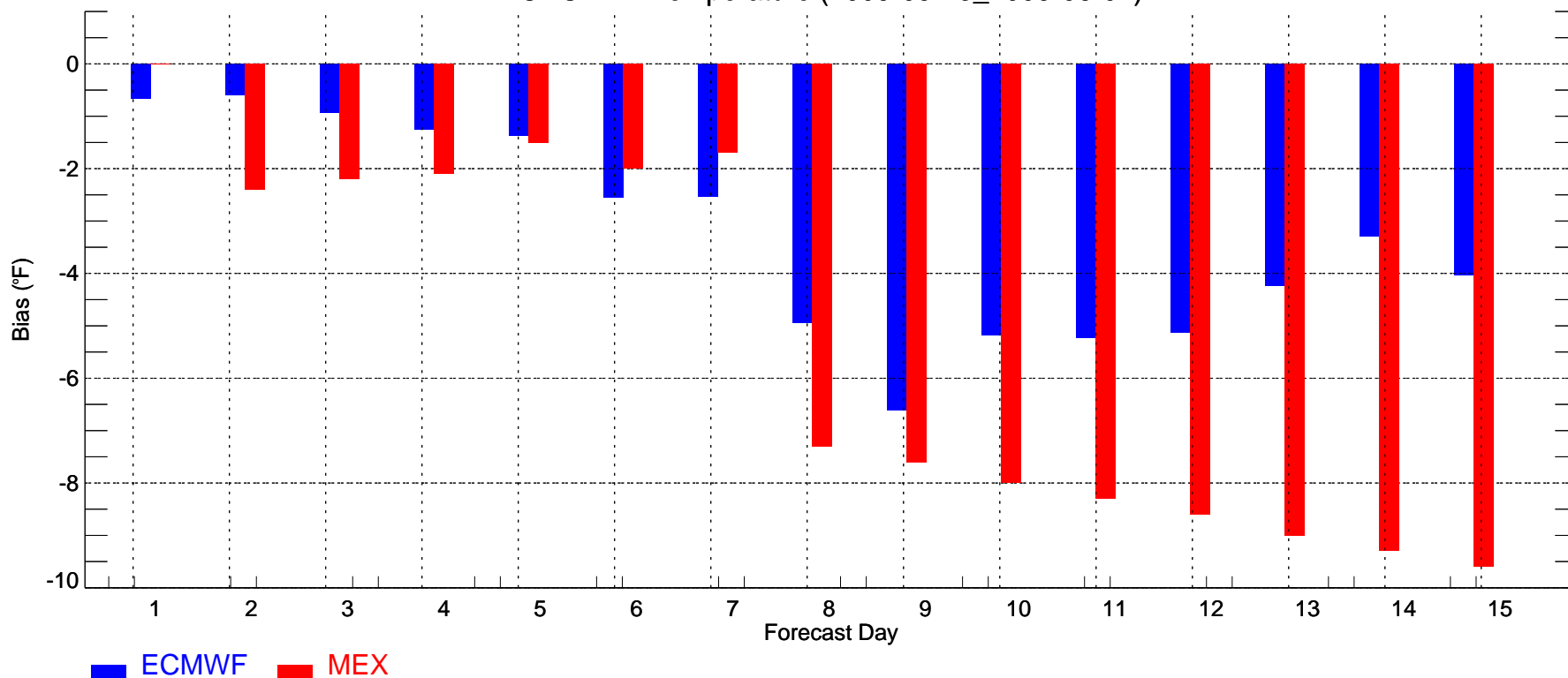
CVG: Max Temperature (2009-05-23_2009-06-01)



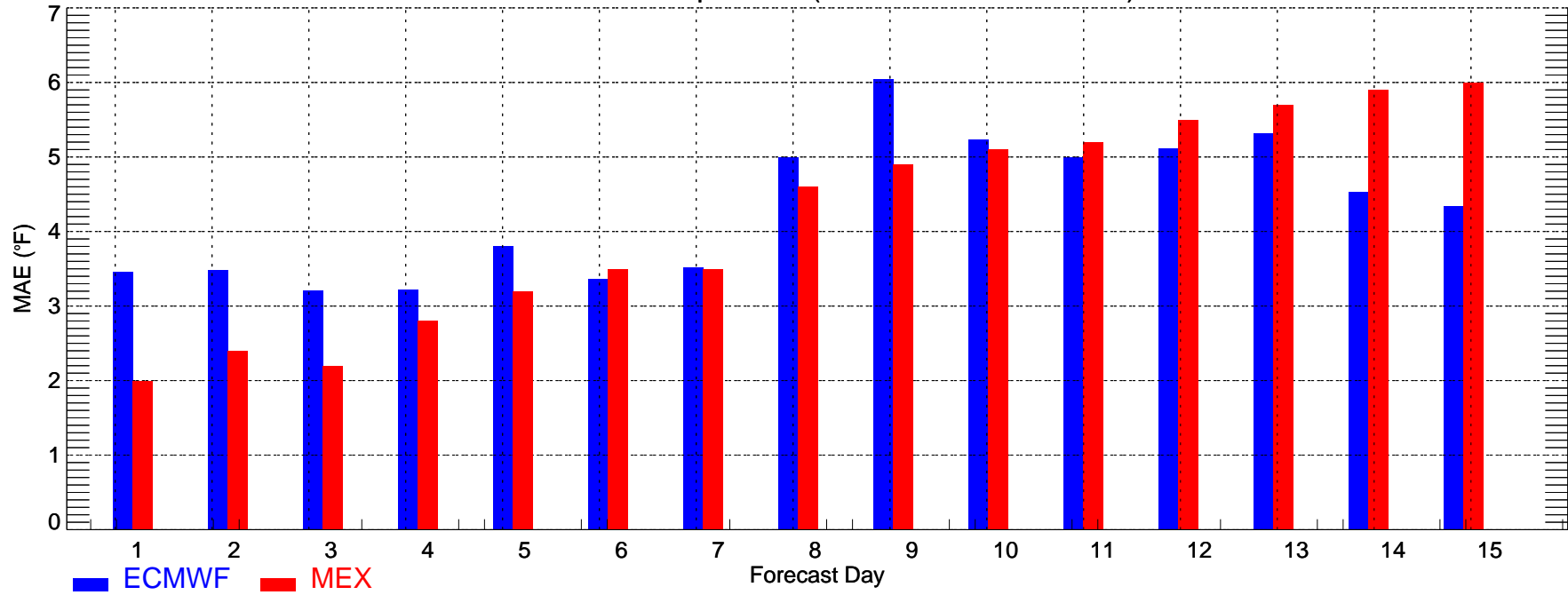
CVG: Min Temperature (2009-05-23_2009-06-01)



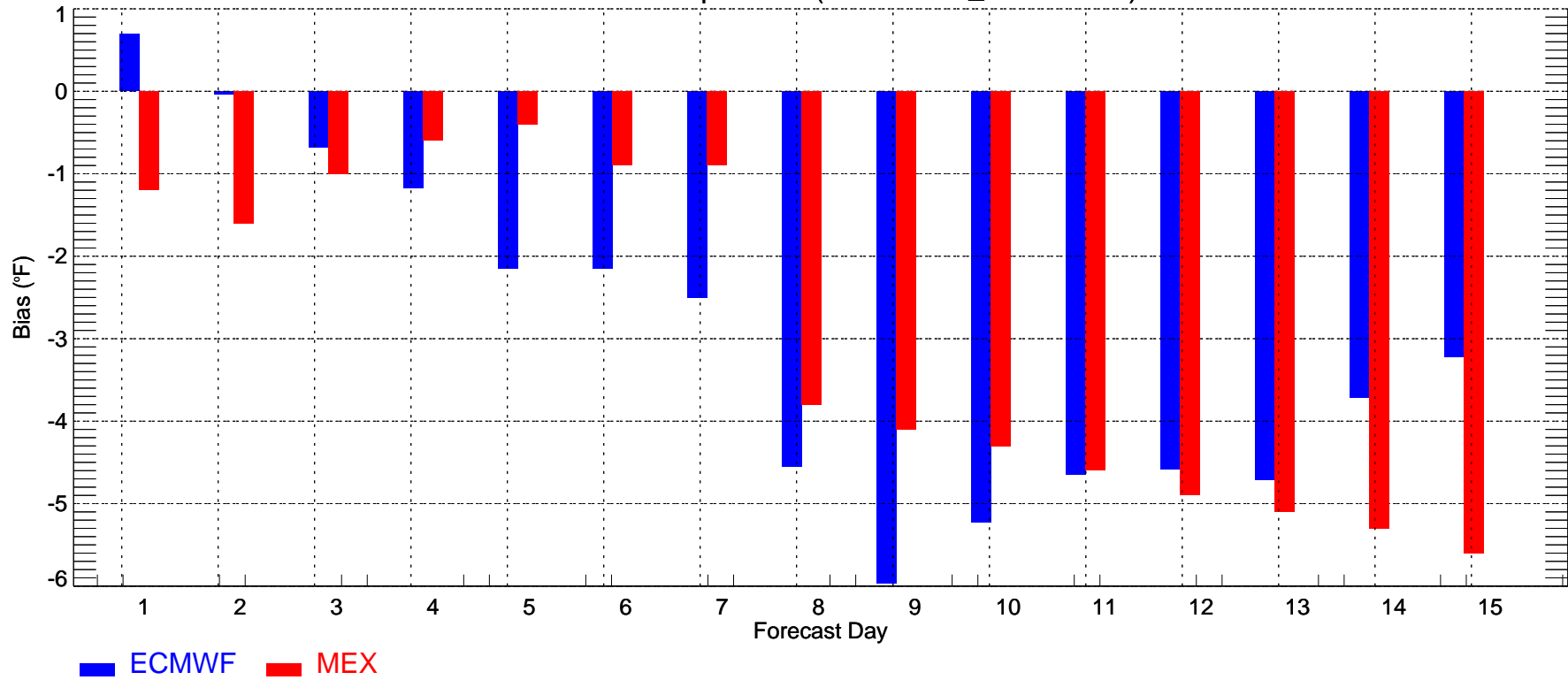
CVG: Min Temperature (2009-05-23_2009-06-01)



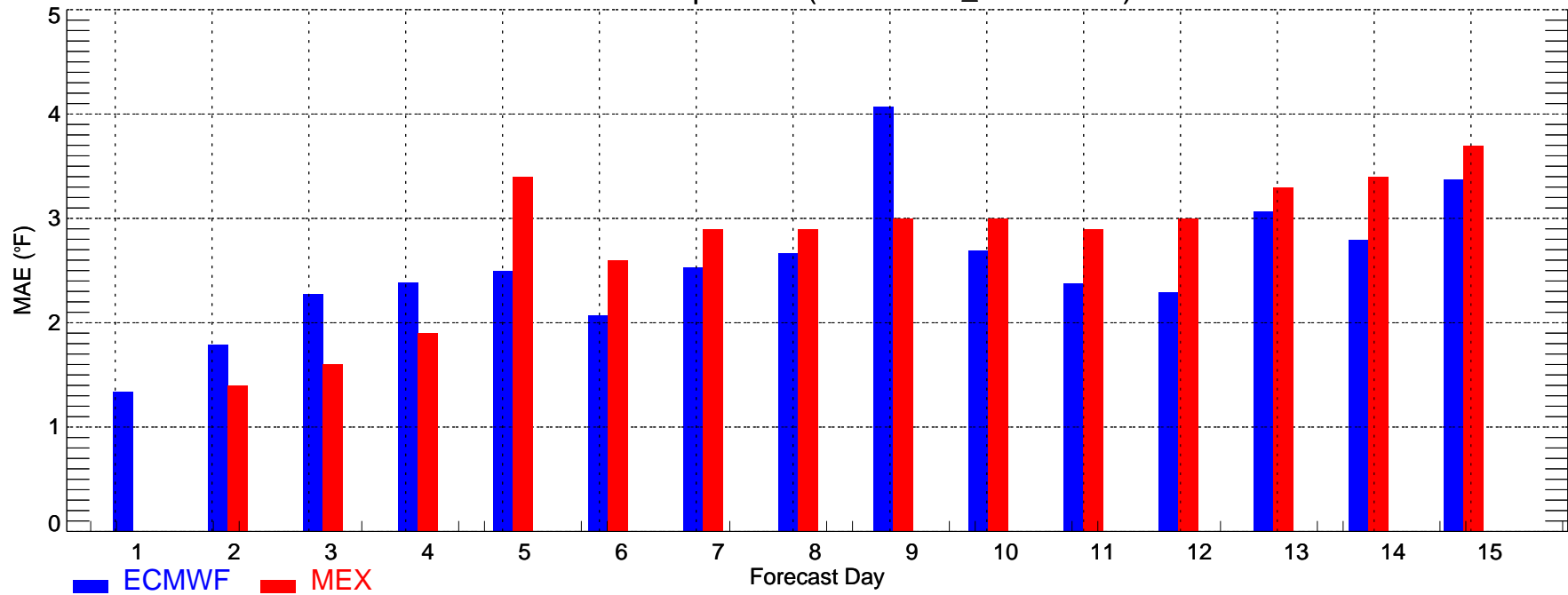
DFW: Max Temperature (2009-05-23_2009-06-01)



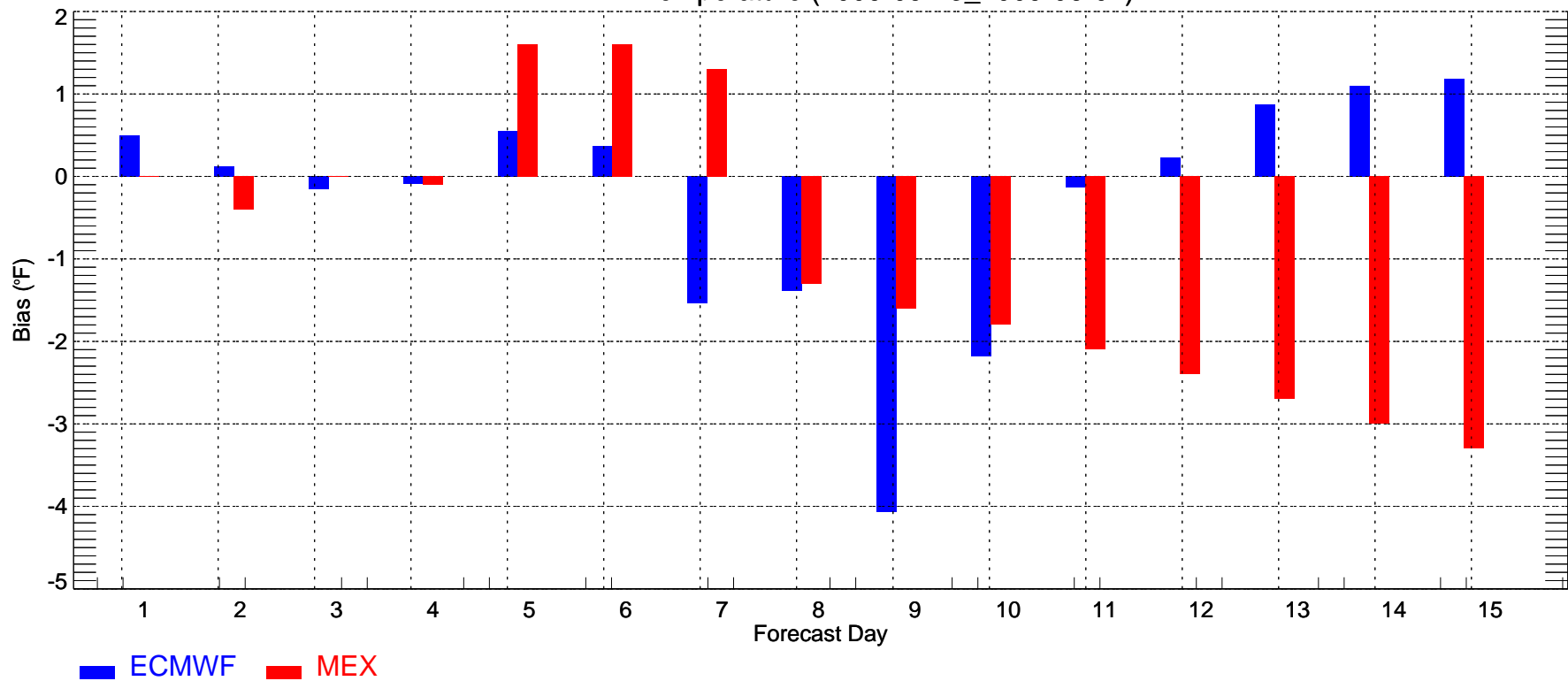
DFW: Max Temperature (2009-05-23_2009-06-01)



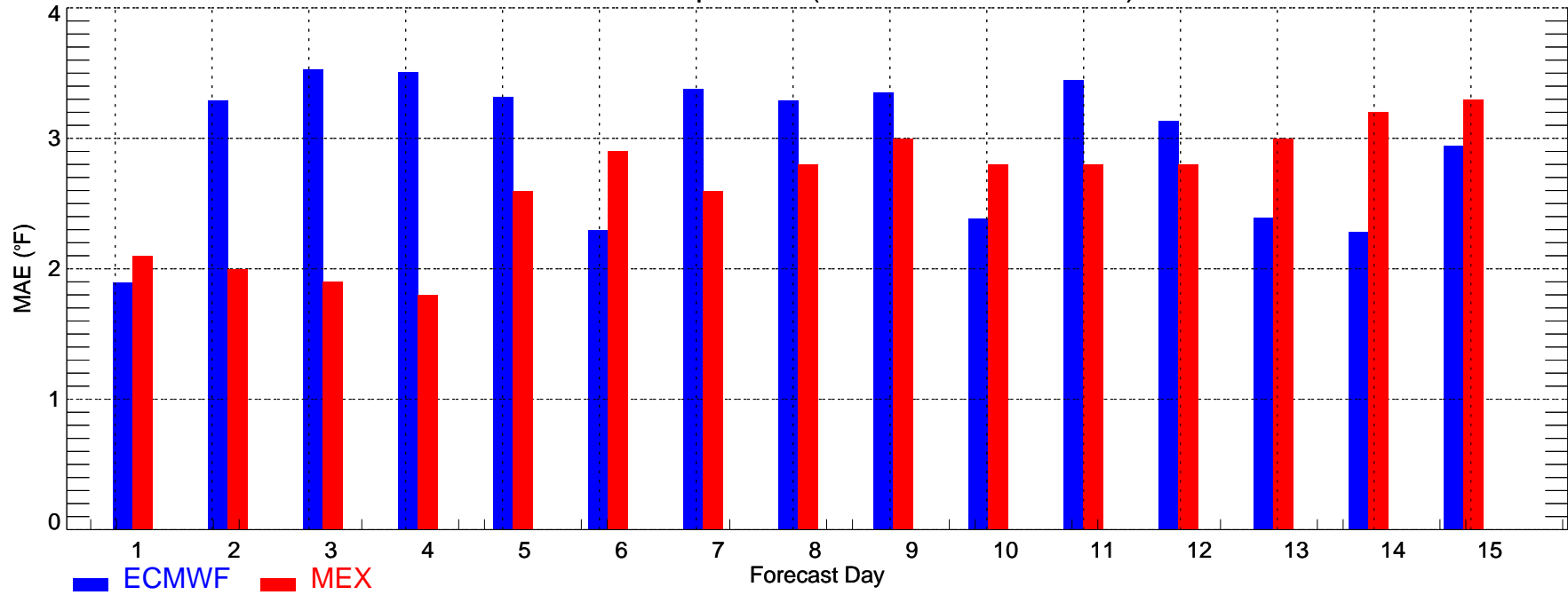
DFW: Min Temperature (2009-05-23_2009-06-01)



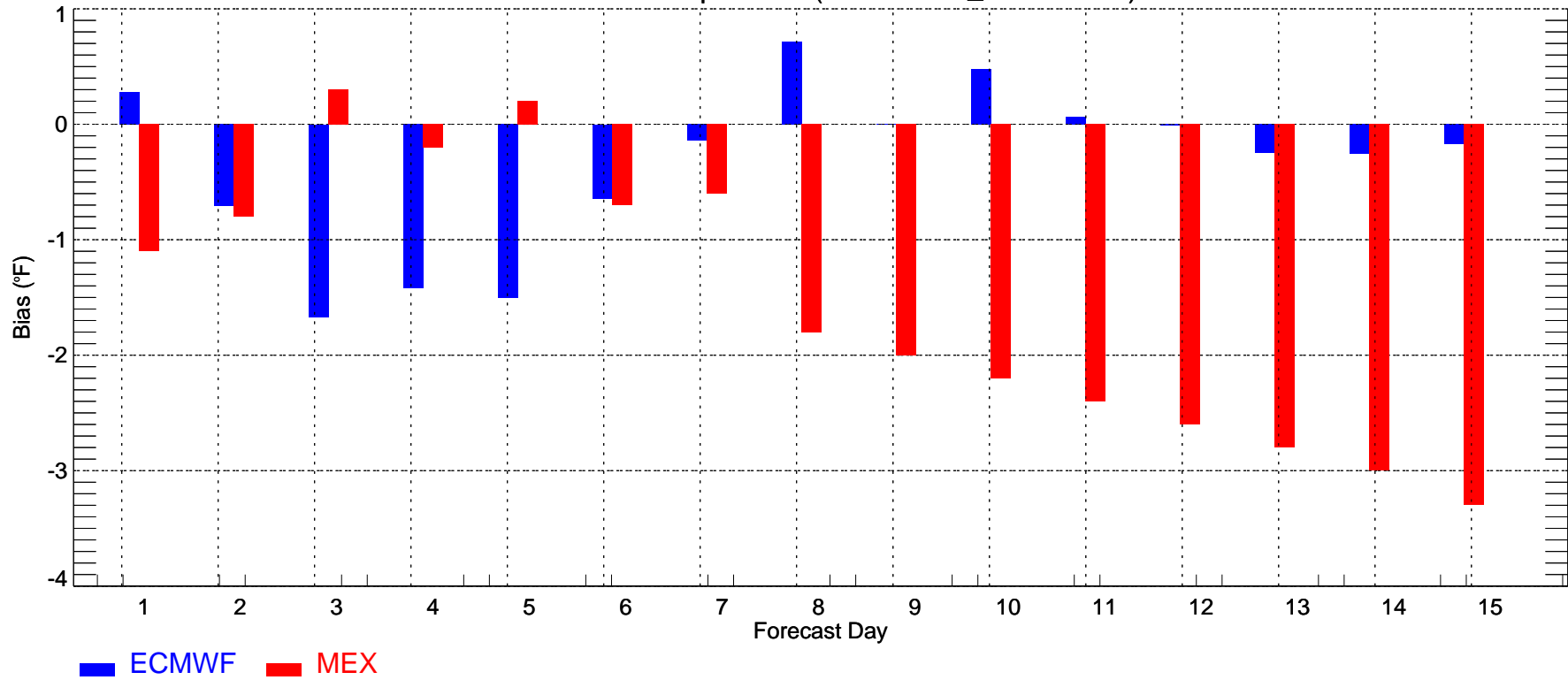
DFW: Min Temperature (2009-05-23_2009-06-01)



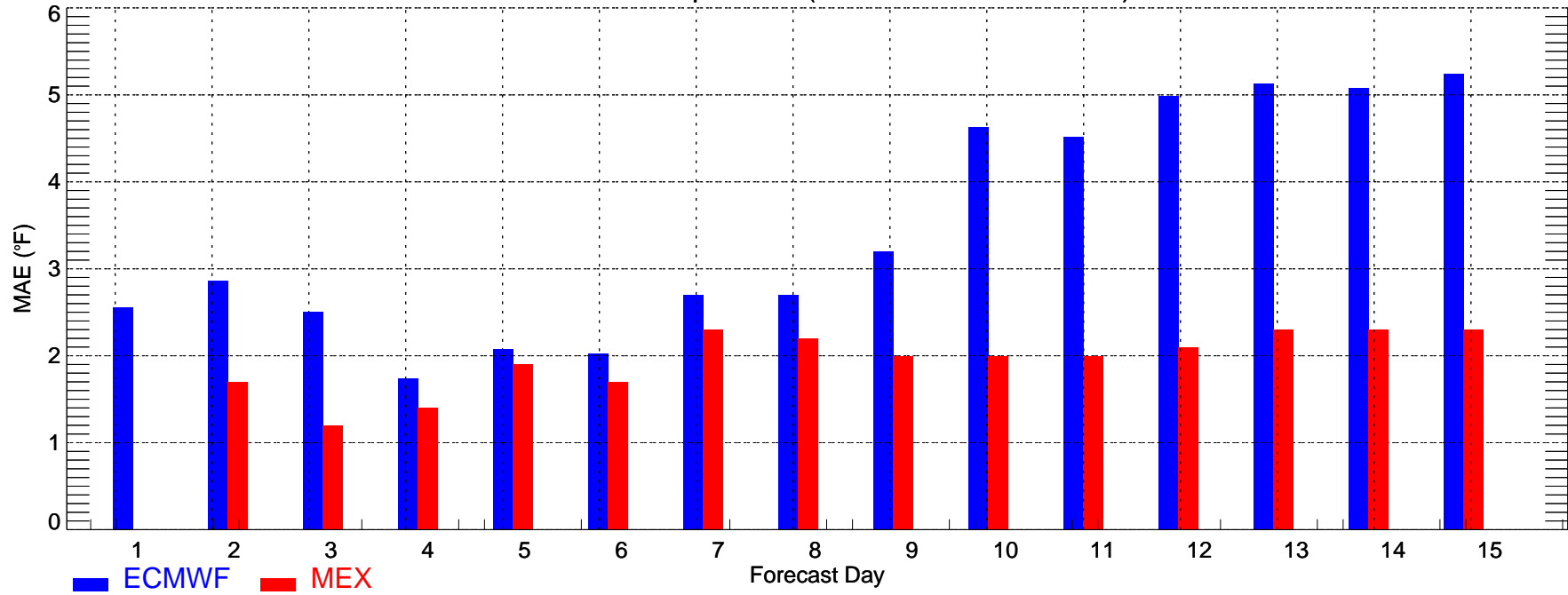
HOU: Max Temperature (2009-05-23_2009-06-01)



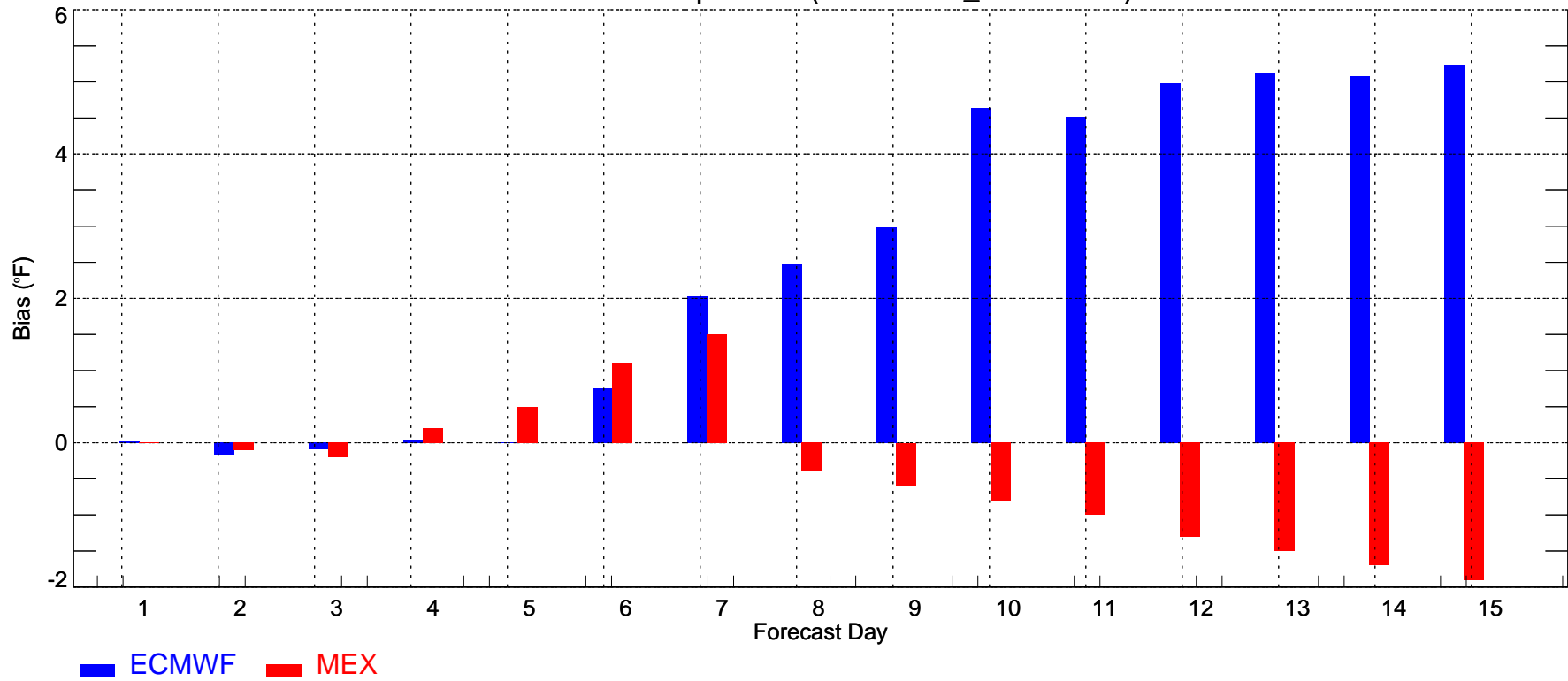
HOU: Max Temperature (2009-05-23_2009-06-01)



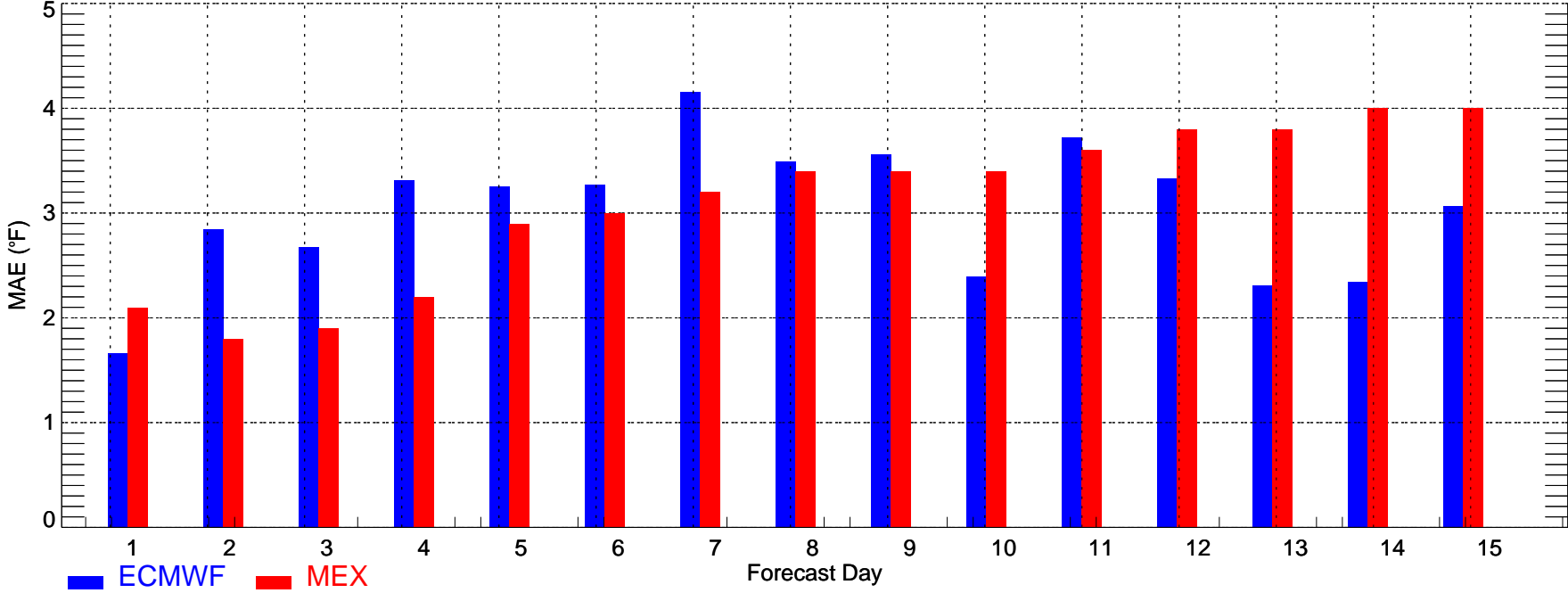
HOU: Min Temperature (2009-05-23_2009-06-01)



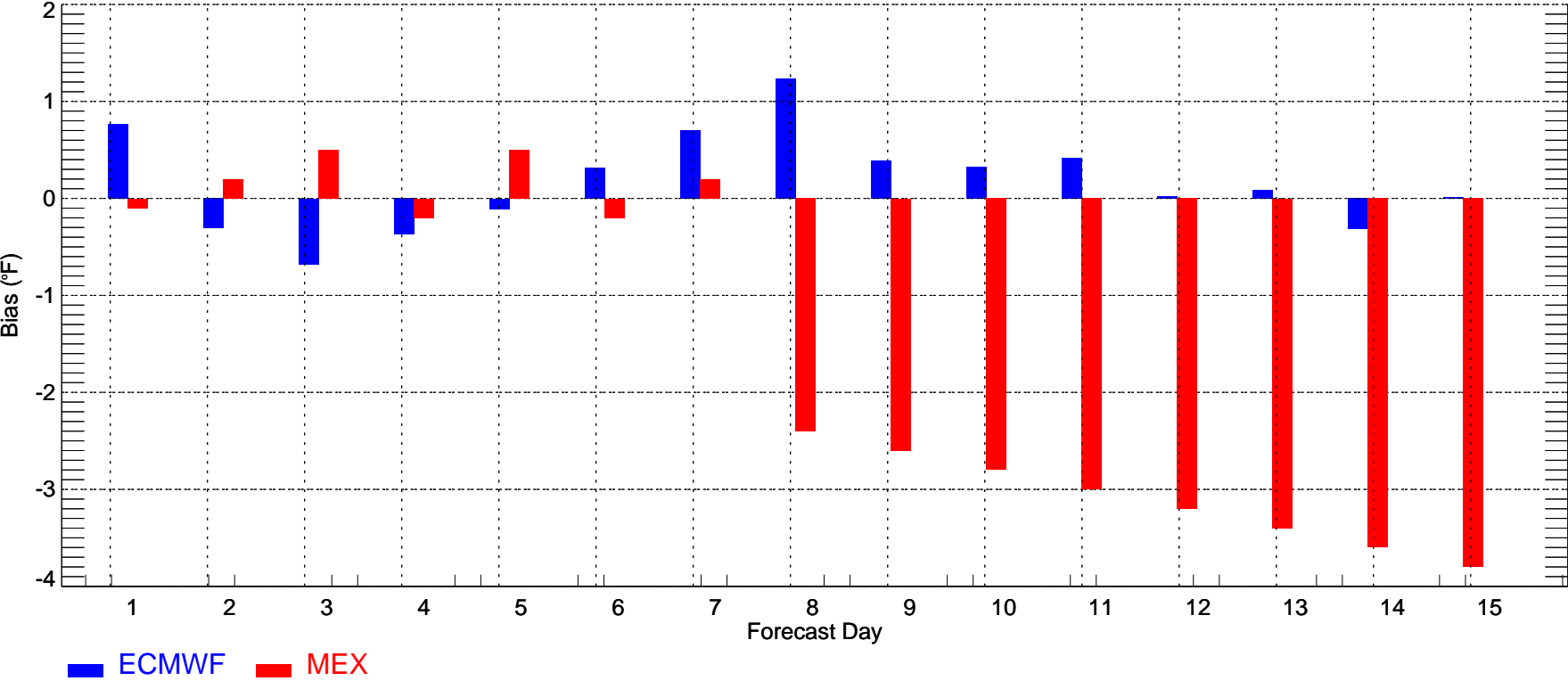
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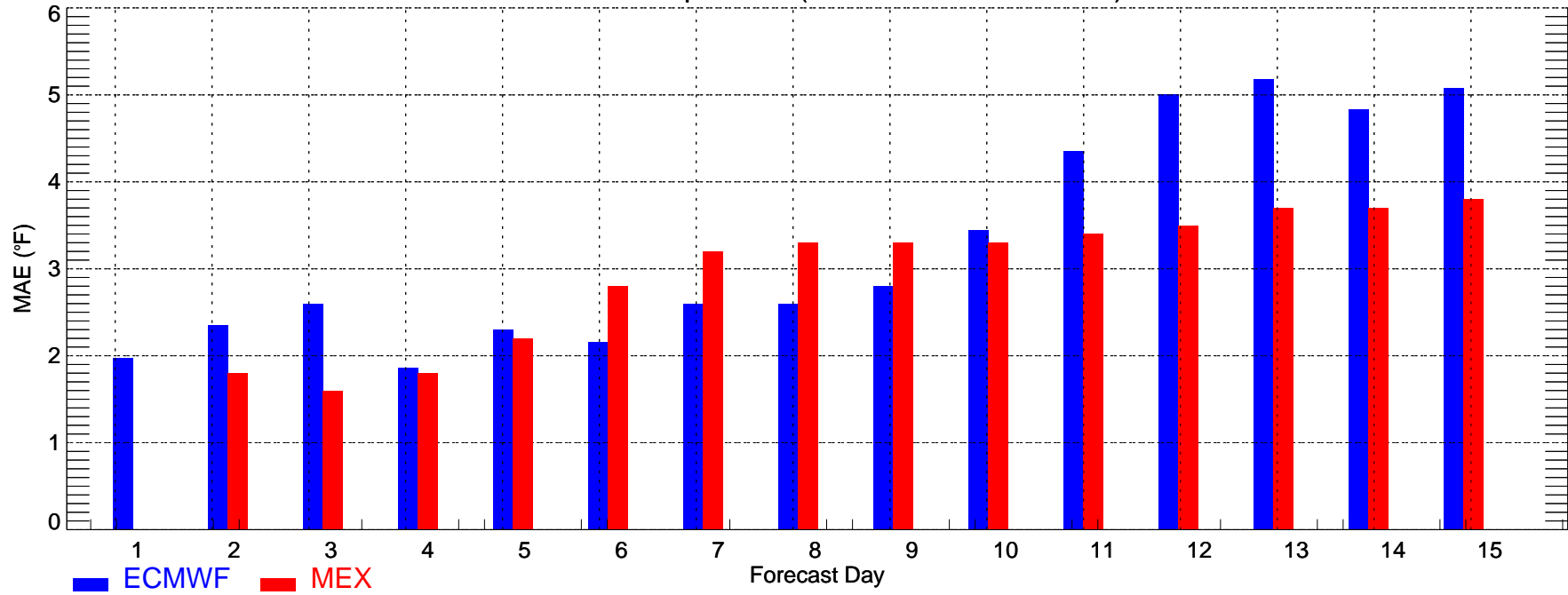
IAH: Max Temperature (2009-05-23_2009-06-01)



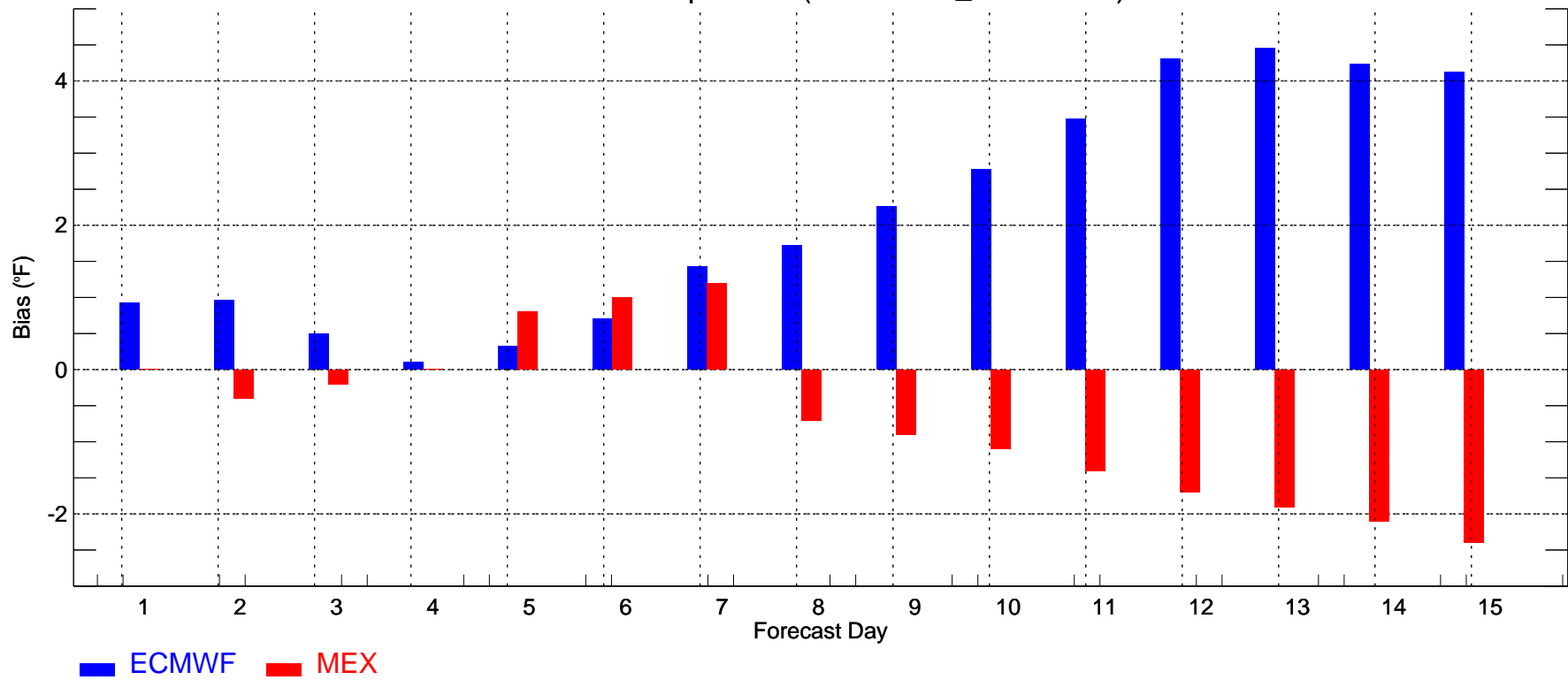
IAH: Max Temperature (2009-05-23_2009-06-01)



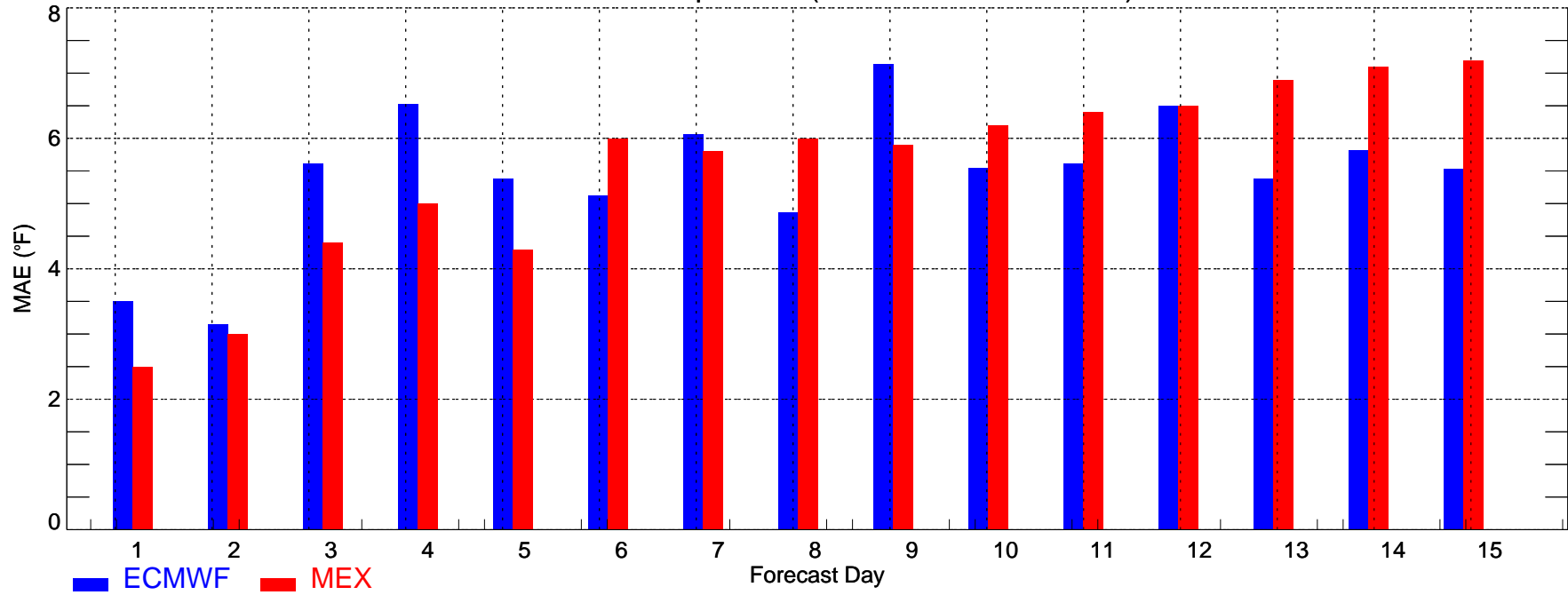
IAH: Min Temperature (2009-05-23_2009-06-01)



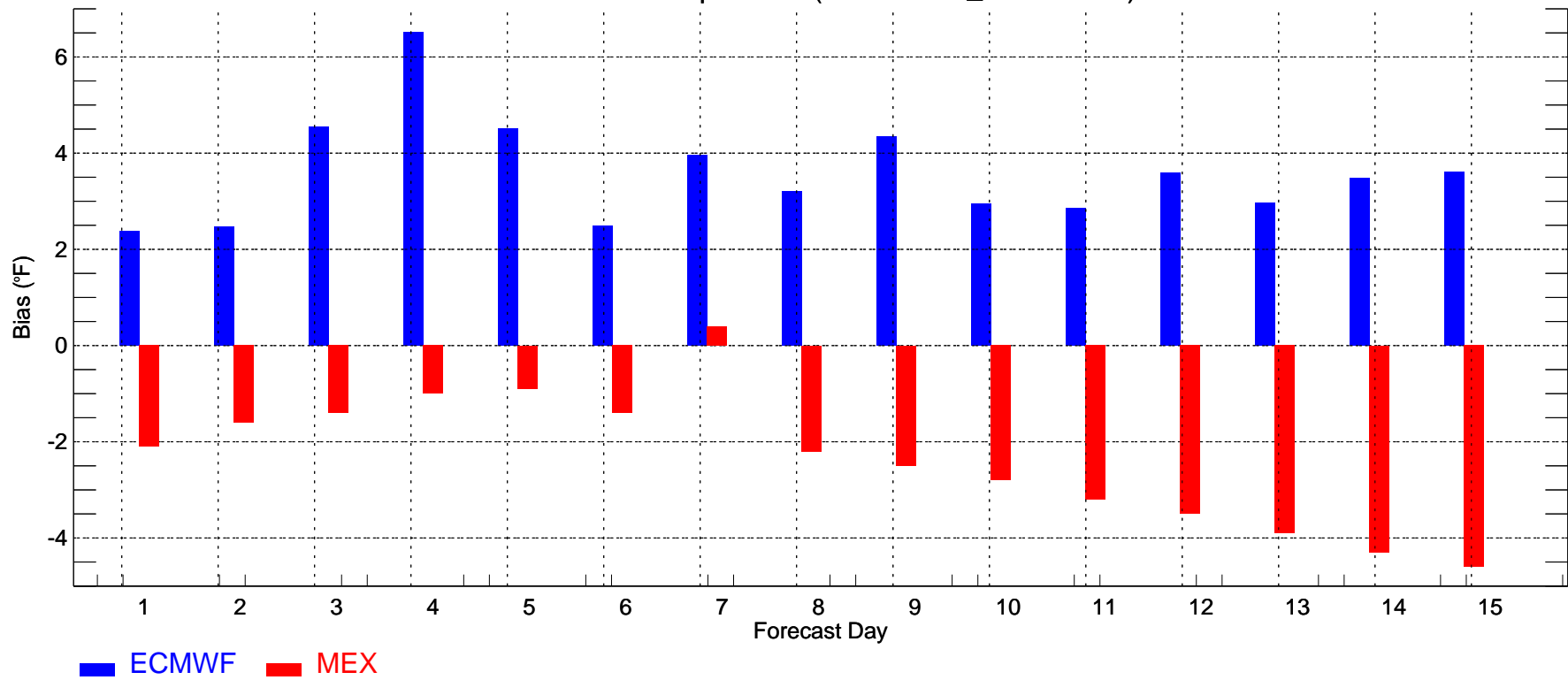
IAH: Min Temperature (2009-05-23_2009-06-01)



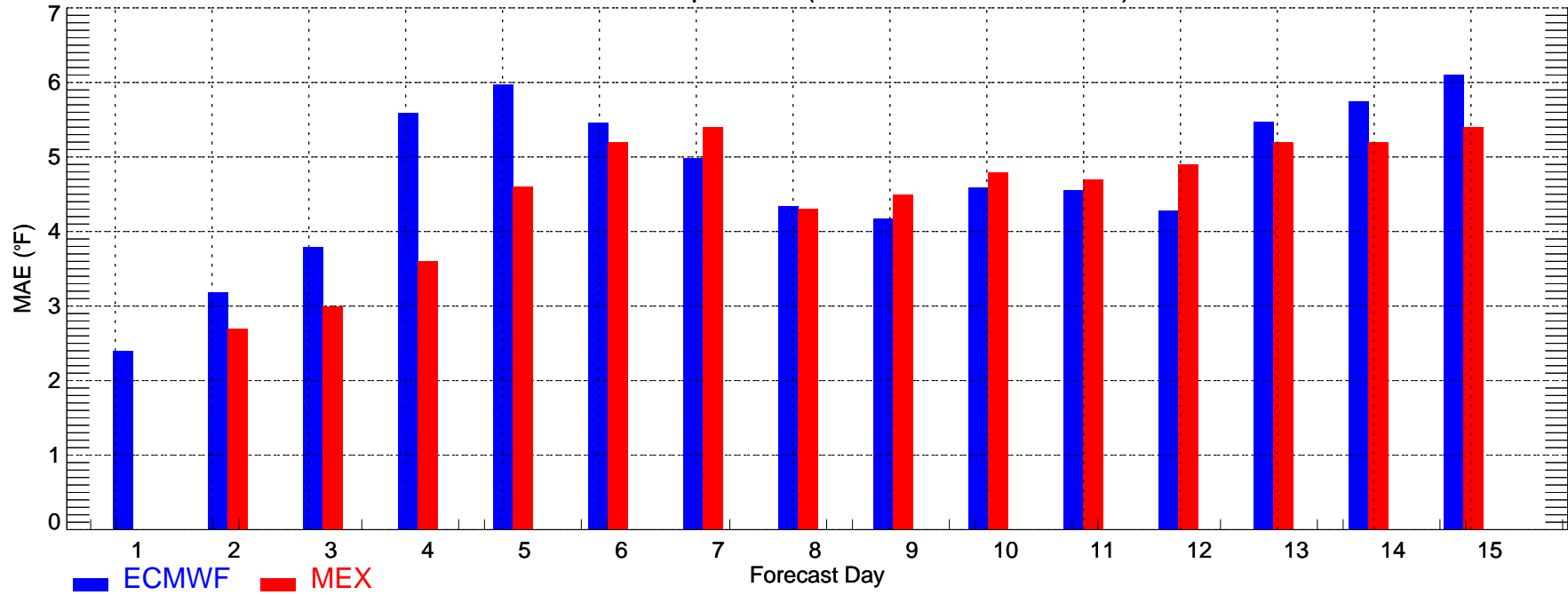
MSP: Max Temperature (2009-05-23_2009-06-01)



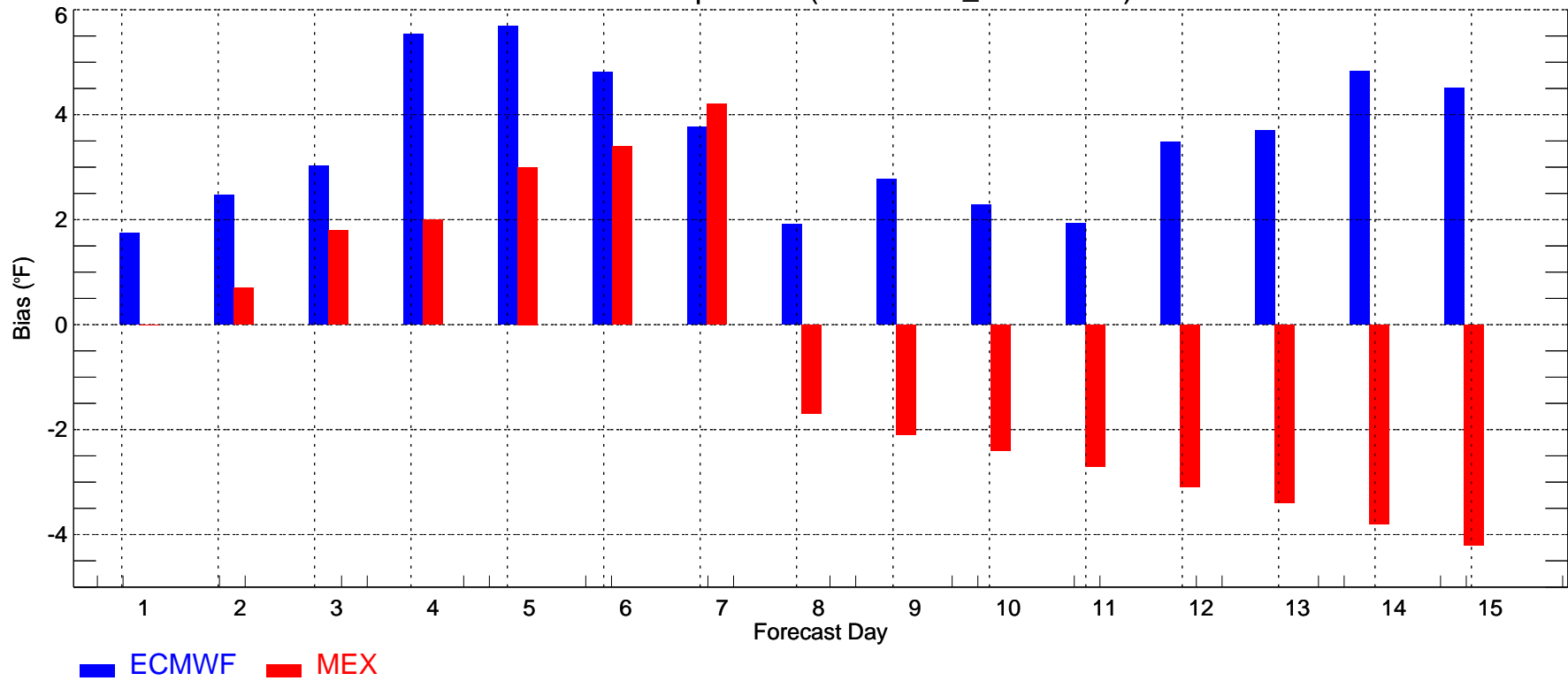
MSP: Max Temperature (2009-05-23_2009-06-01)



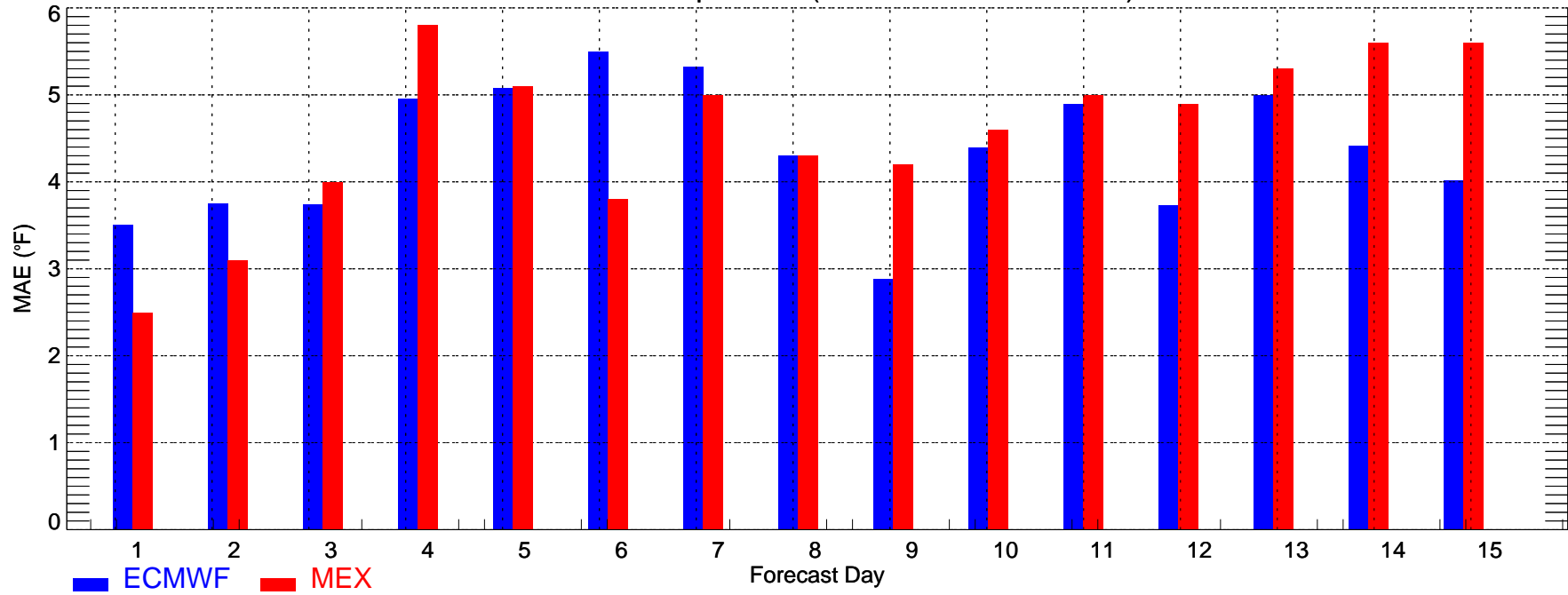
MSP: Min Temperature (2009-05-23_2009-06-01)



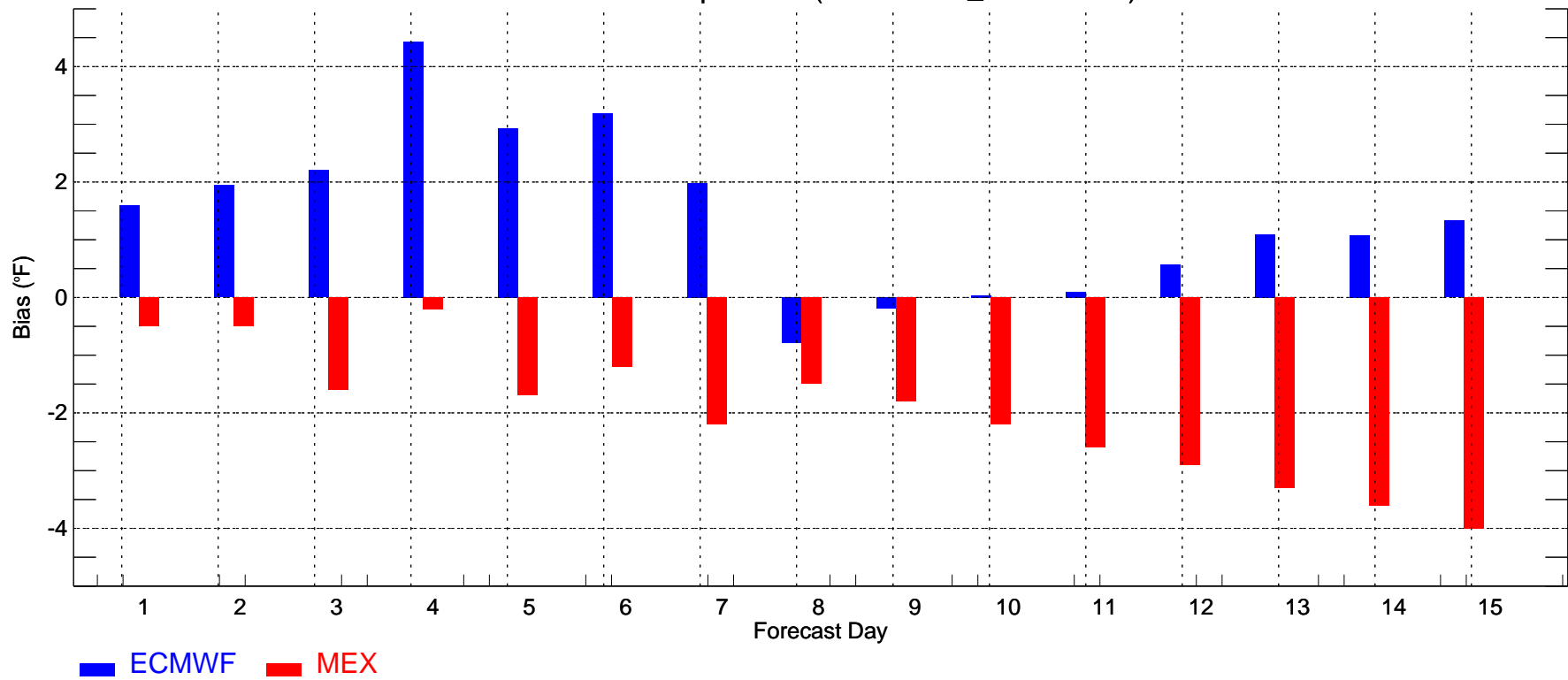
MSP: Min Temperature (2009-05-23_2009-06-01)



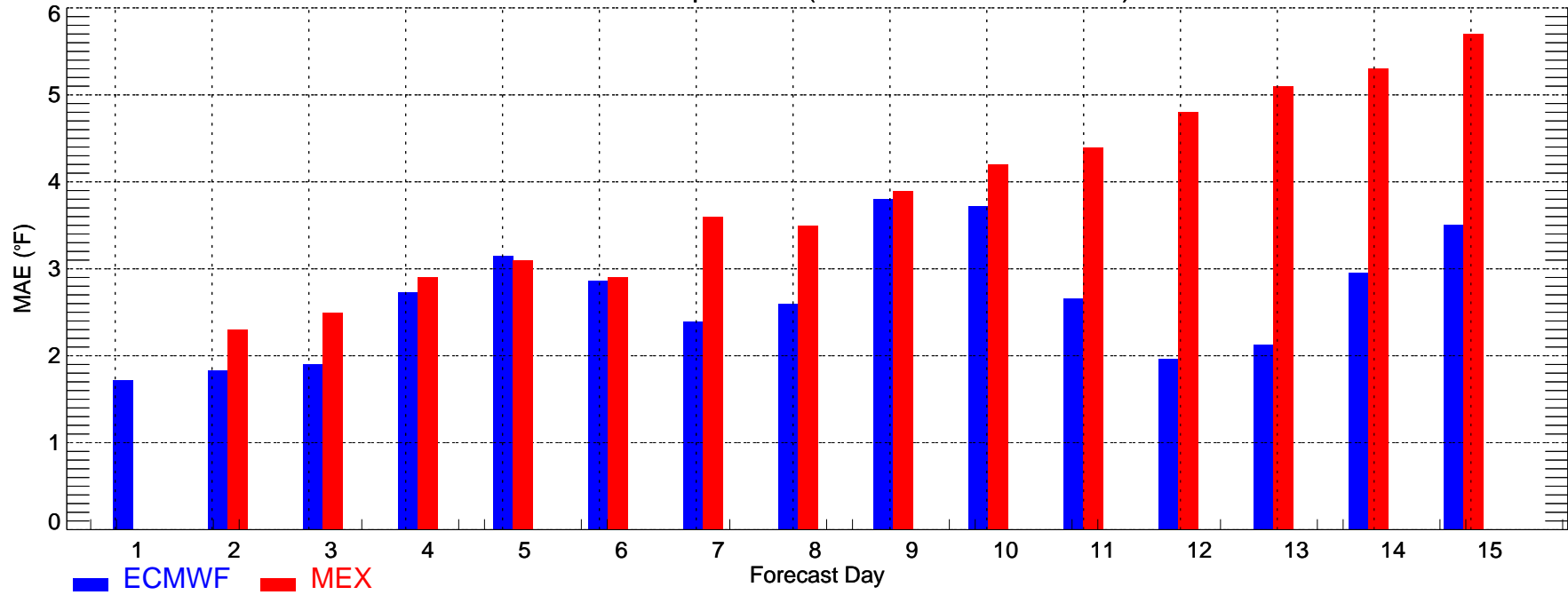
ORD: Max Temperature (2009-05-23_2009-06-01)



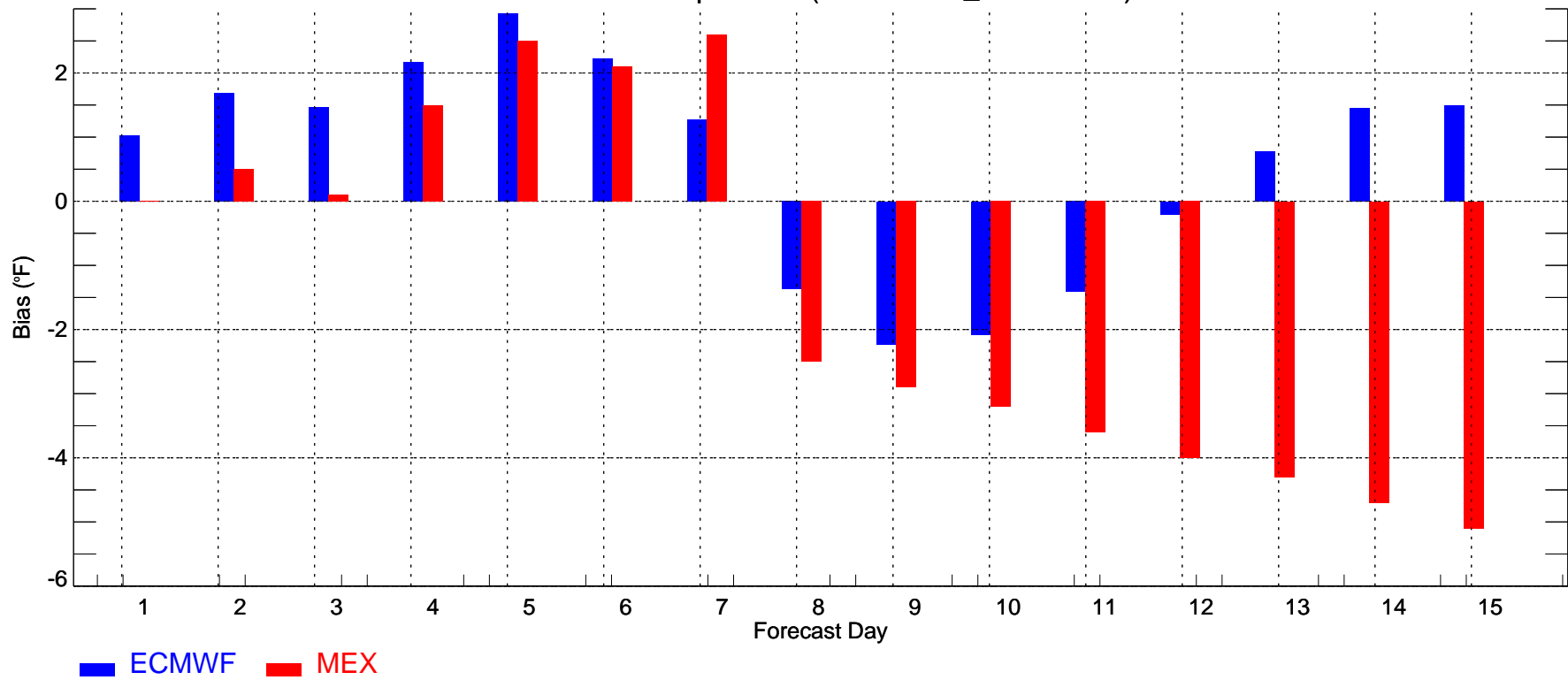
ORD: Max Temperature (2009-05-23_2009-06-01)



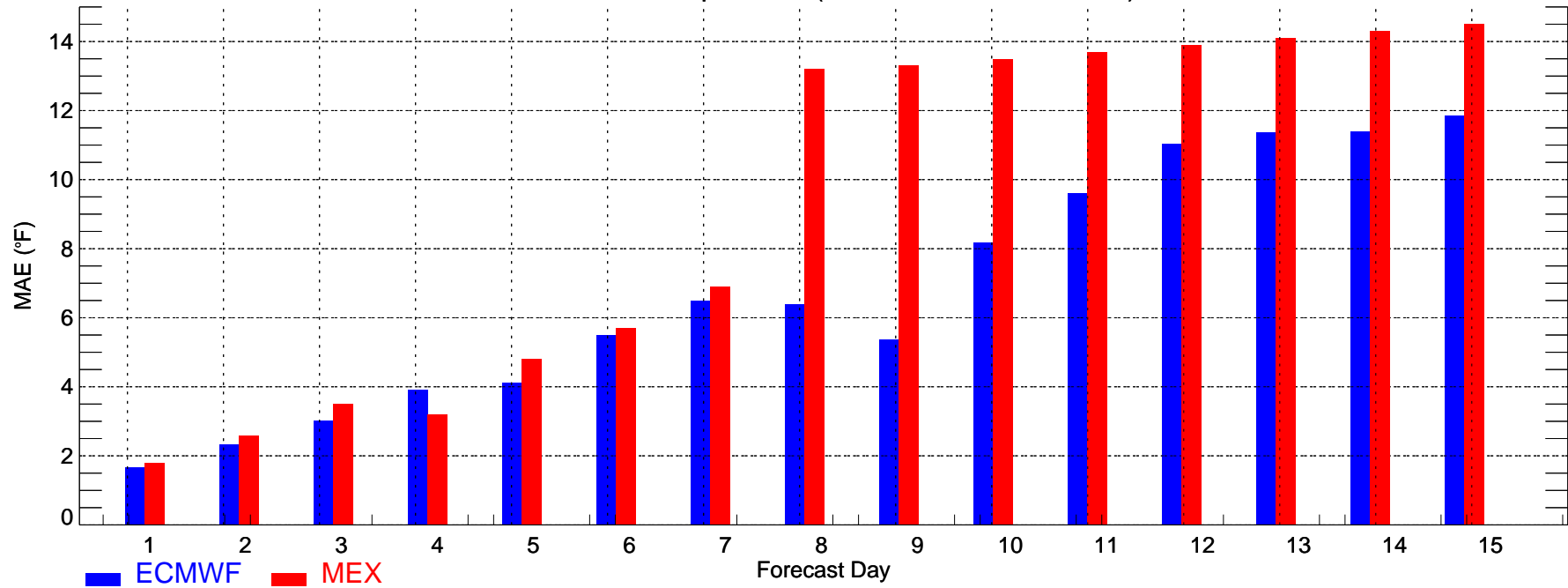
ORD: Min Temperature (2009-05-23_2009-06-01)



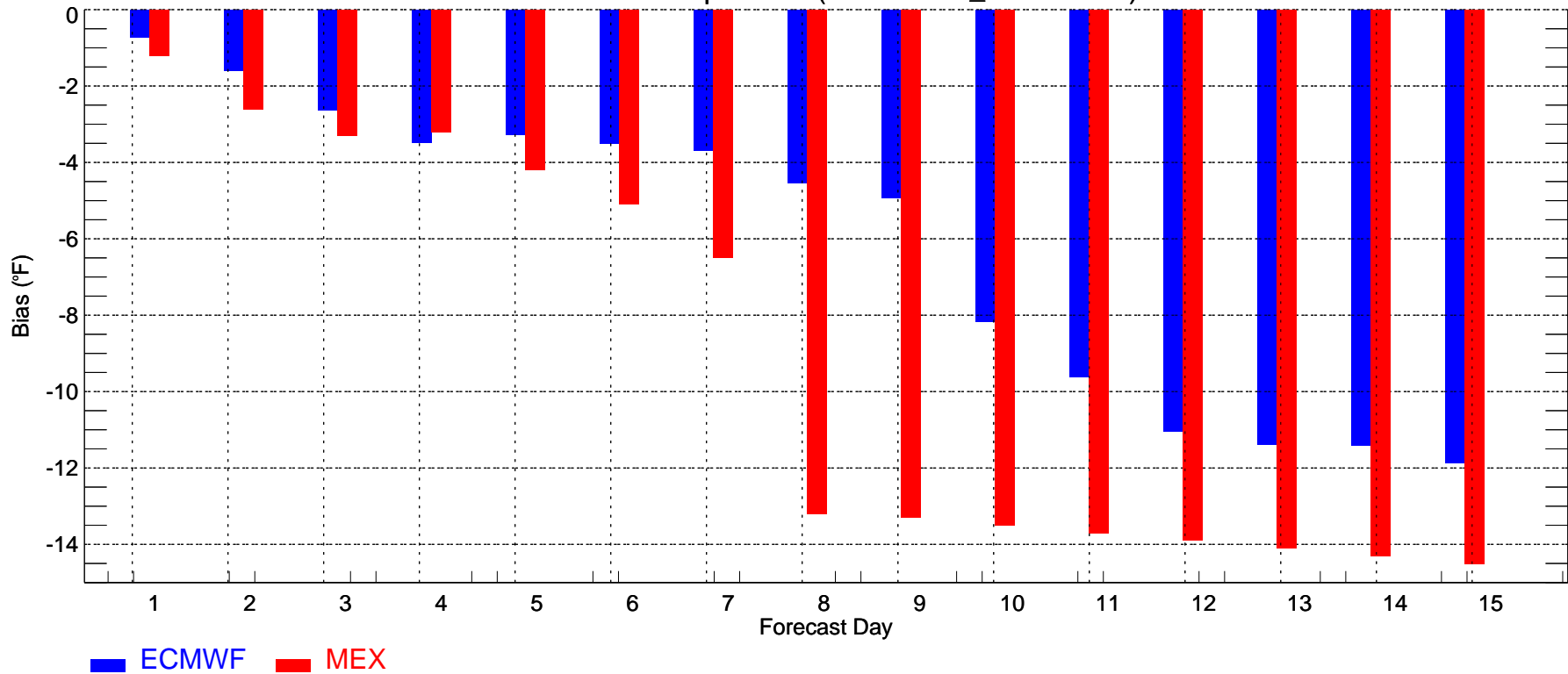
ORD: Min Temperature (2009-05-23_2009-06-01)



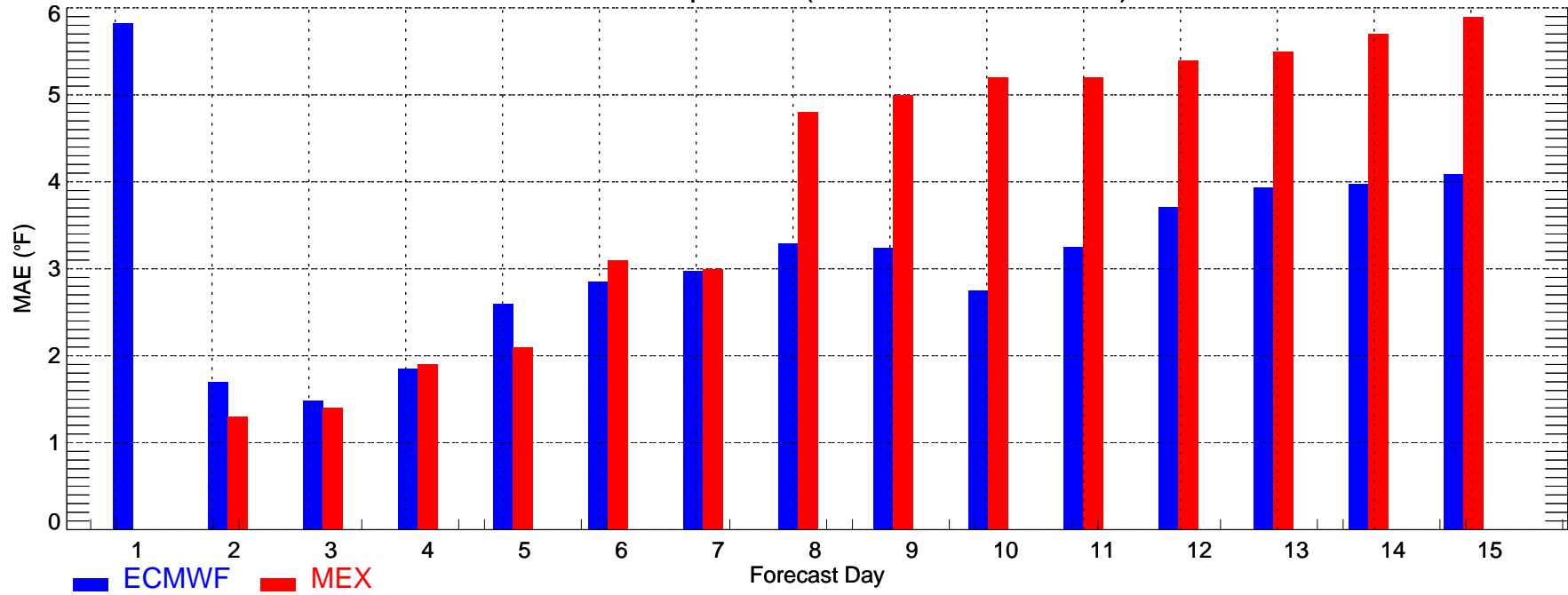
PDX: Max Temperature (2009-05-23_2009-06-01)



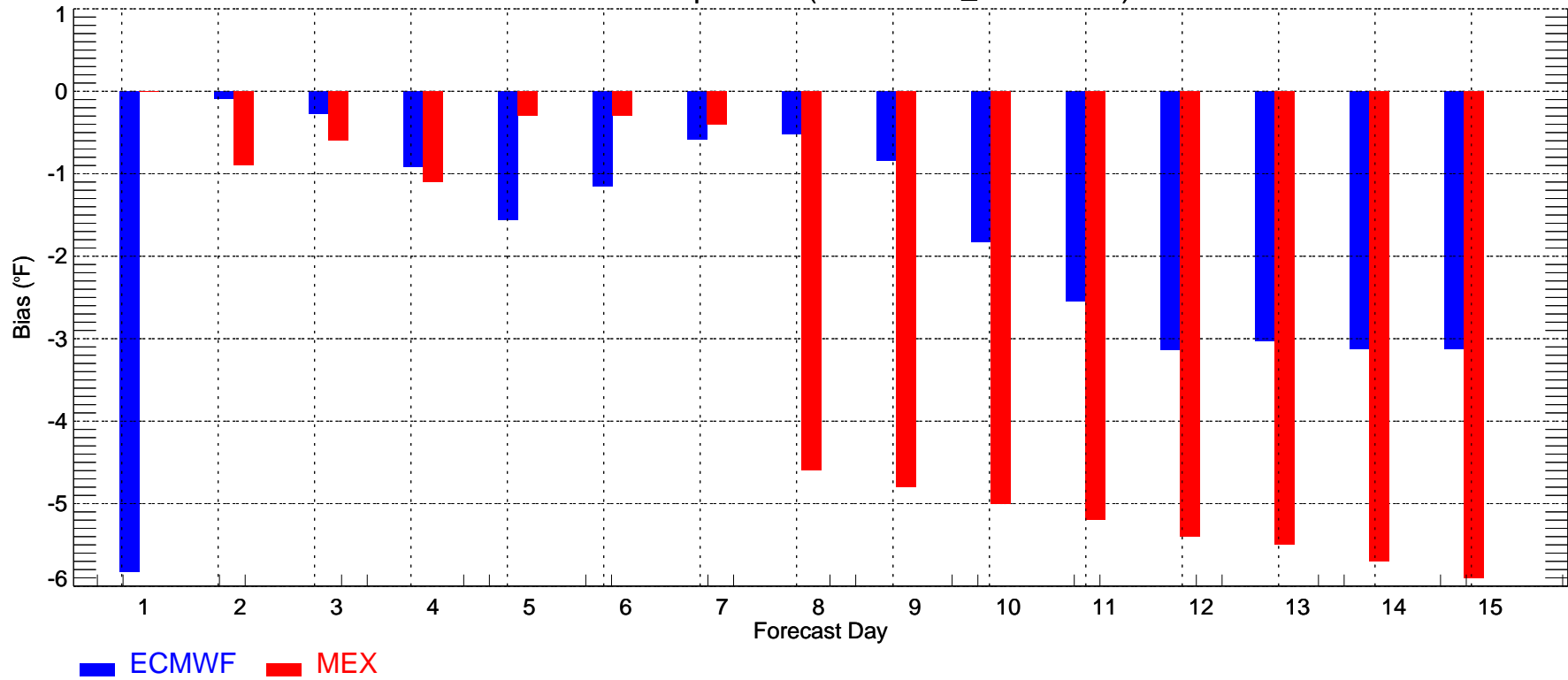
PDX: Max Temperature (2009-05-23_2009-06-01)



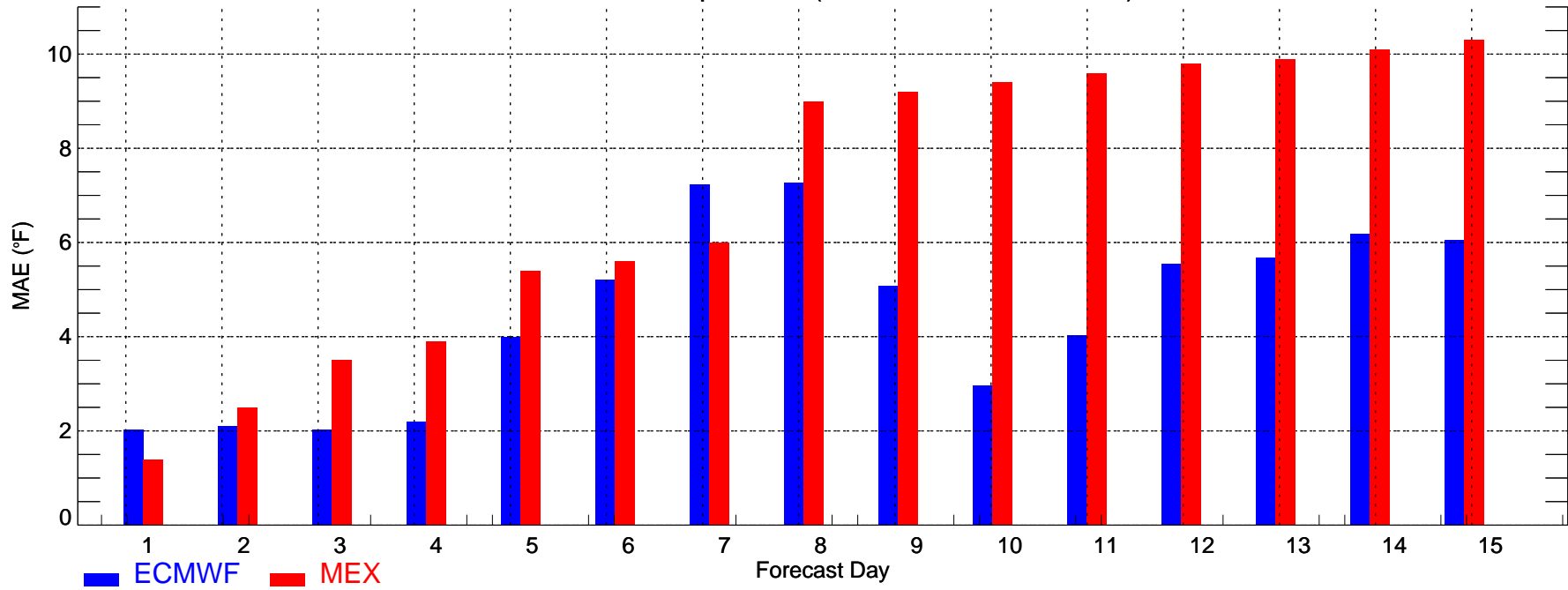
PDX: Min Temperature (2009-05-23_2009-06-01)



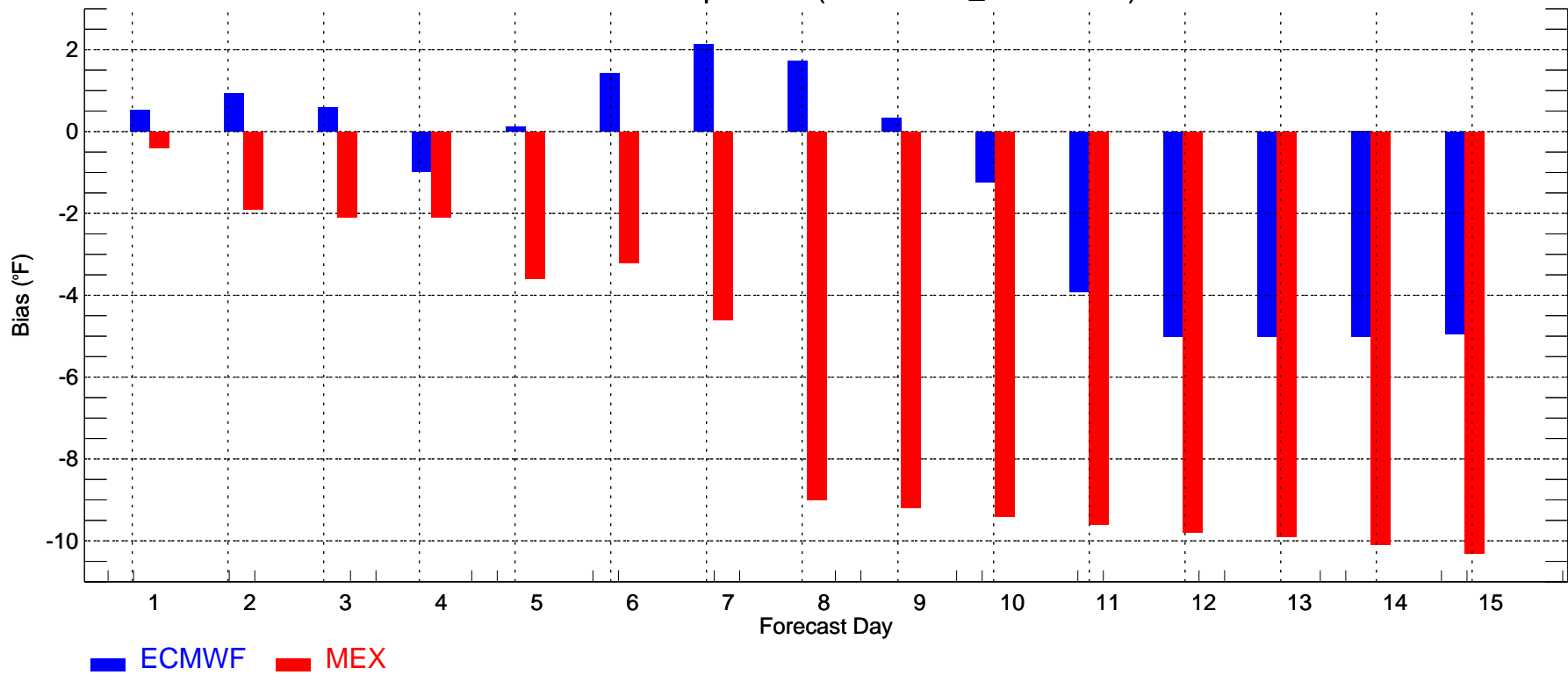
PDX: Min Temperature (2009-05-23_2009-06-01)



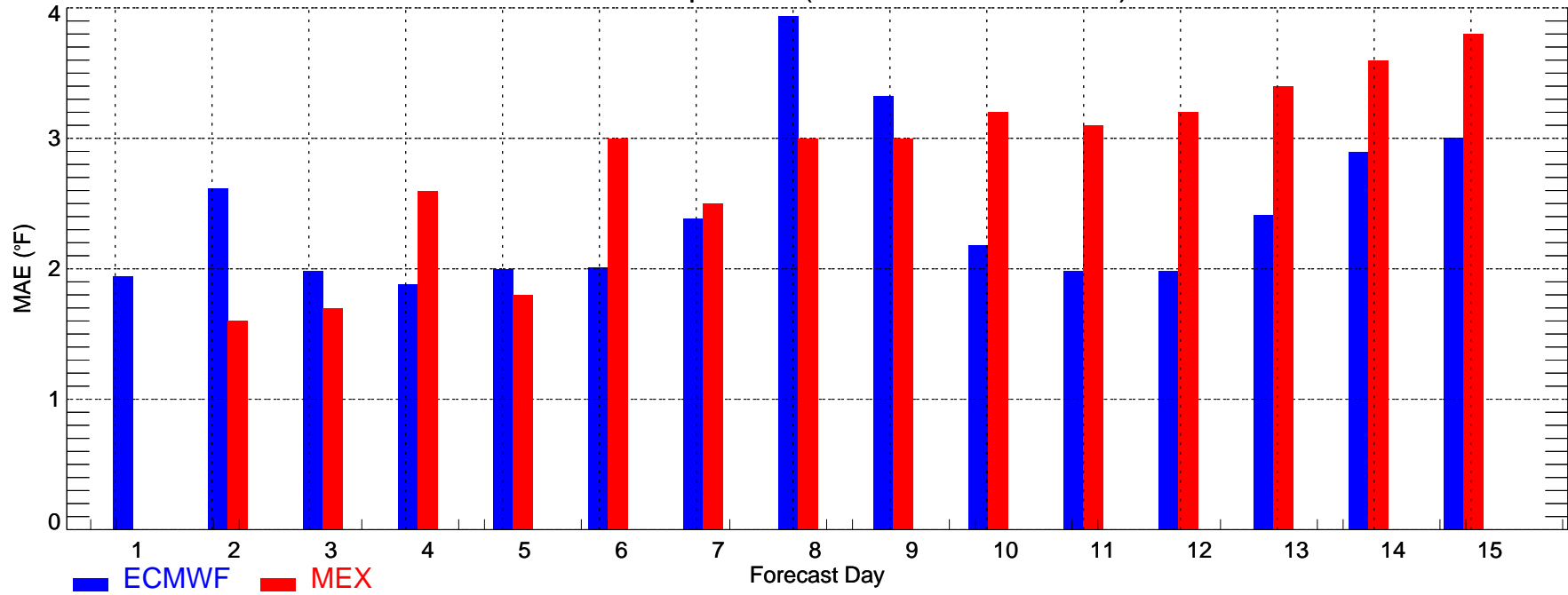
SEA: Max Temperature (2009-05-23_2009-06-01)



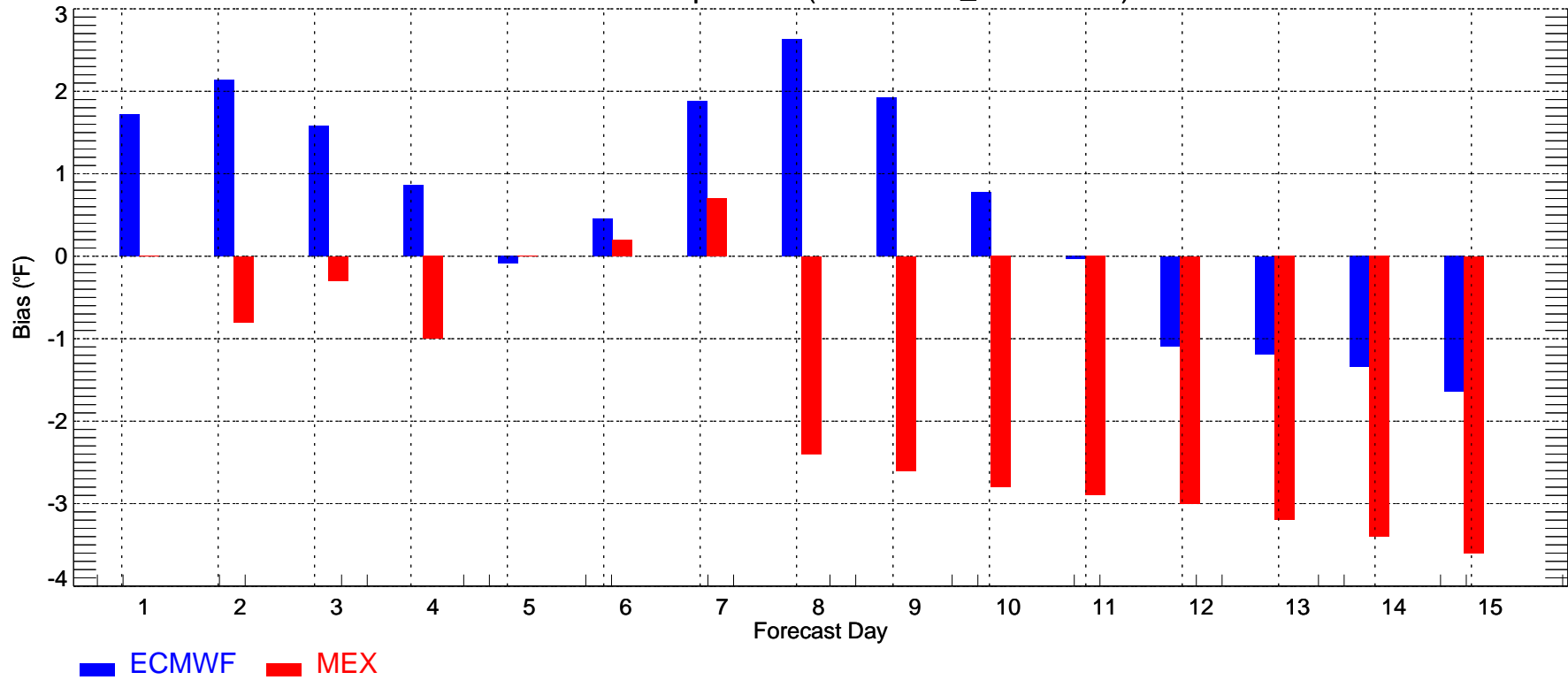
SEA: Max Temperature (2009-05-23_2009-06-01)



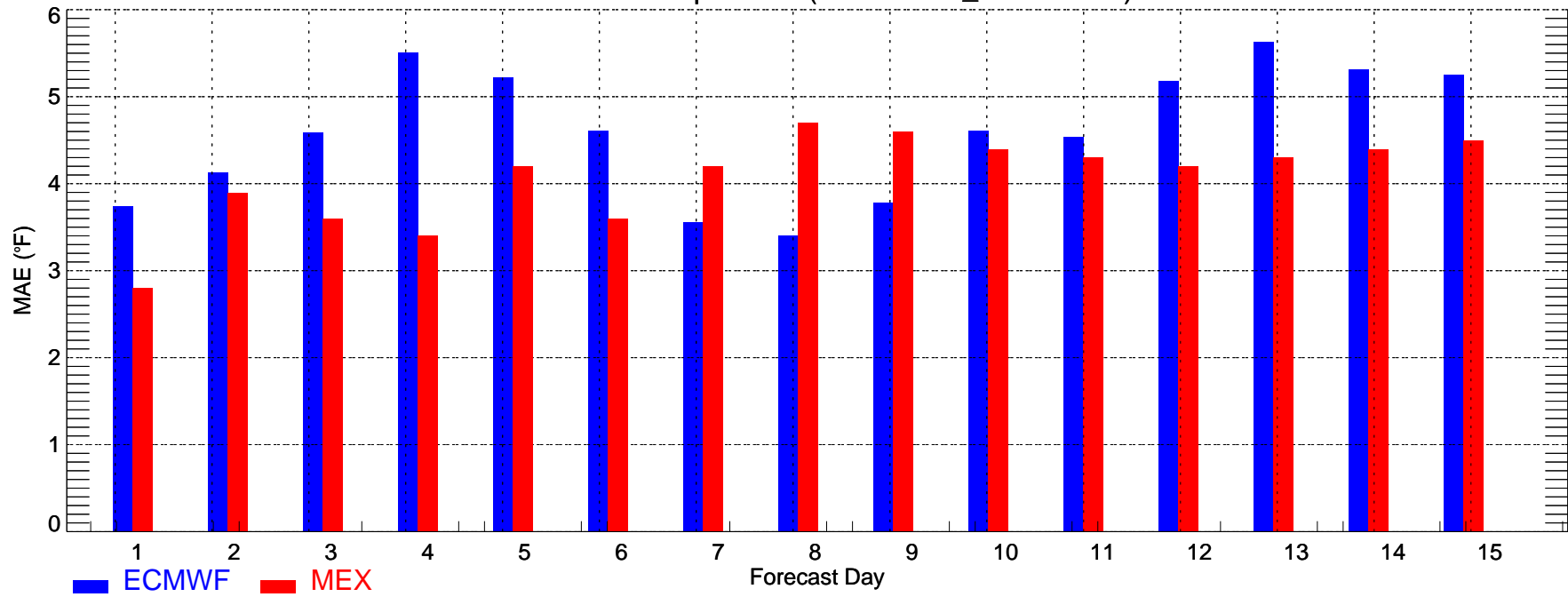
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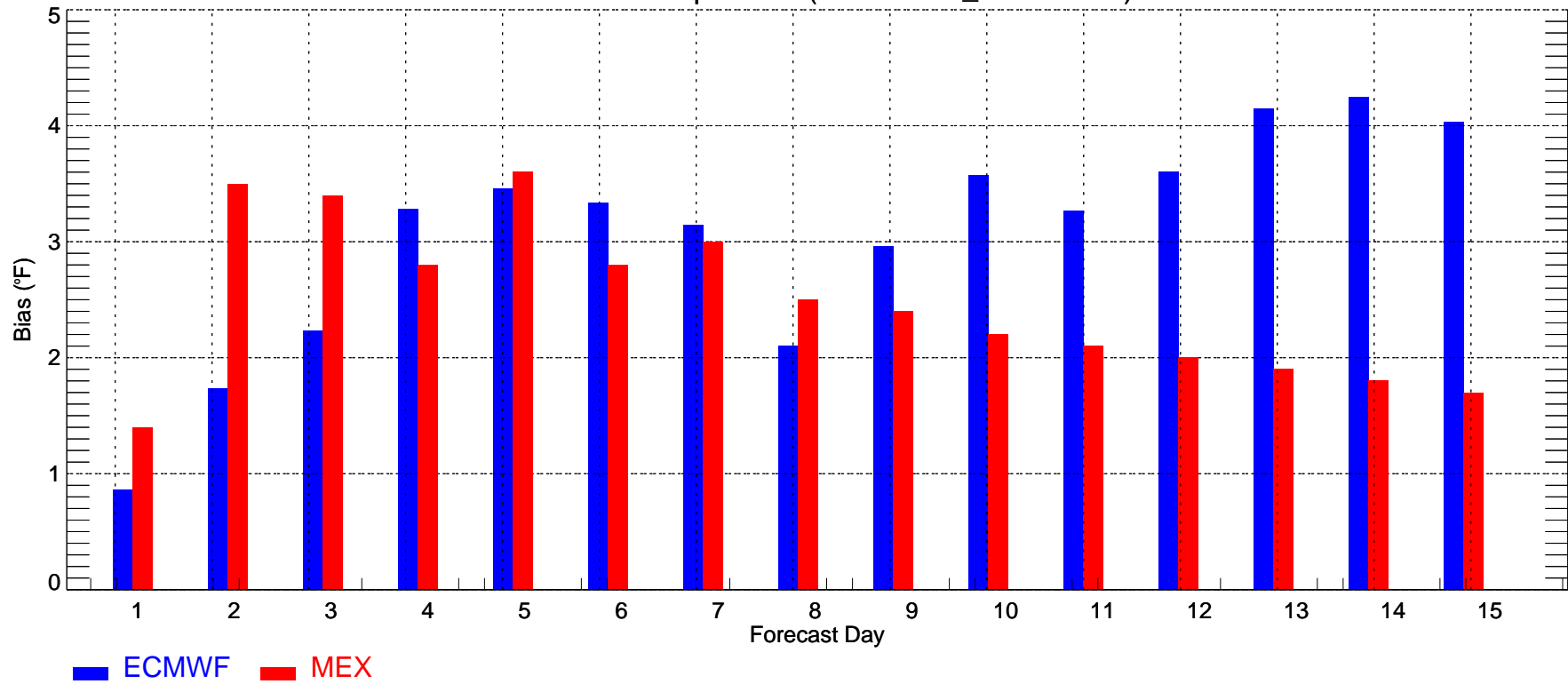
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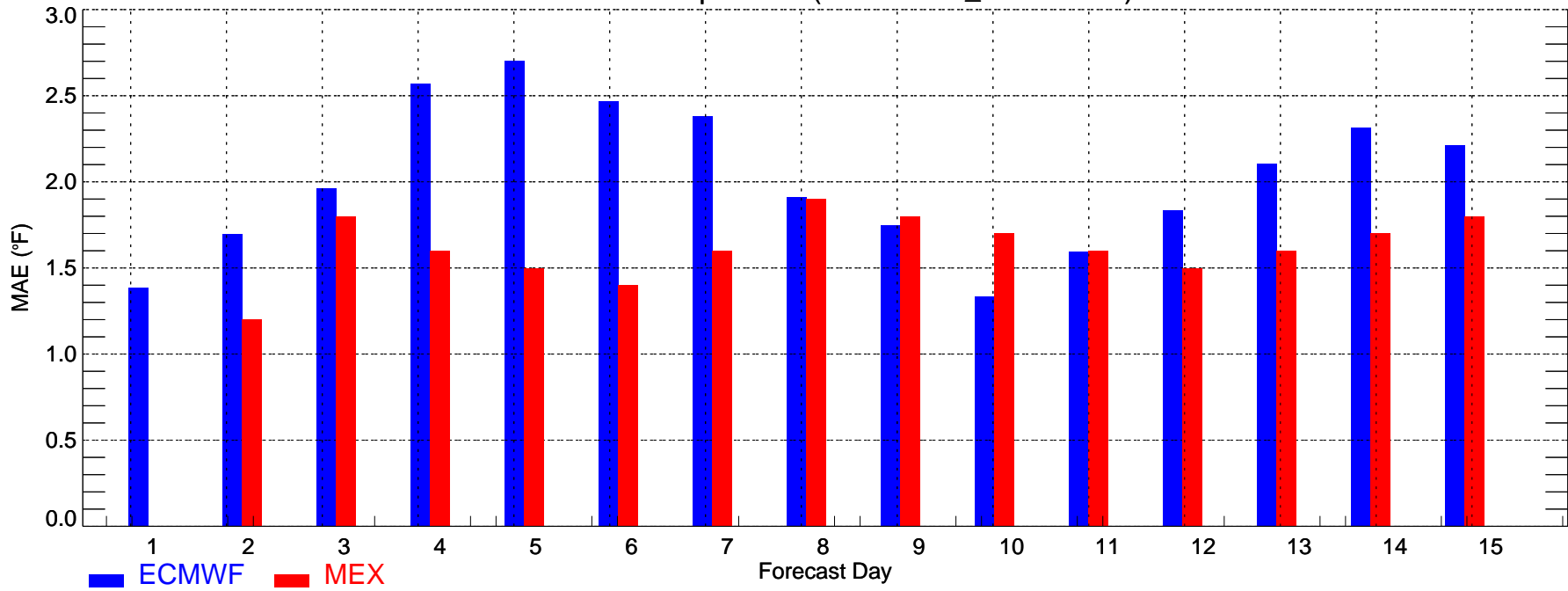
SFO: Max Temperature (2009-05-23_2009-06-01)



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



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



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

