

eCast Monthly Customized Report for 2008-11-01 ~ 2008-11-30

December 17, 2008

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ECMWF/MEX MAX Temperature Regional Summary

MAE (2008-11-01~2008-11-30)

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
CUST2	0.16	2.9/2.8	2.9/3.0	3.1/3.4	3.3/3.6	3.6/4.0	4.0/4.4	4.1/4.8	4.3/6.3	4.7/6.4	4.7/6.5	5.1/6.6	5.2/6.7	5.6/6.9	5.7/7.0	5.8/7.2

Bias (2008-11-01~2008-11-30)

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
CUST2	-0.41	0.2/0.8	0.3/0.4	0.3/0.8	0.2/-0.2	-0.0/-0.3	-0.0/-0.6	-0.3/-0.9	-0.4/1.9	-0.3/2.2	-0.6/2.5	-1.0/2.9	-1.1/3.2	-1.3/3.6	-1.1/3.9	-1.0/4.2

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 (2008-11-01~2008-11-30)														
	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
CUST2	0.18	2.0/0.0	2.0/2.3	2.2/2.6	2.5/3.2	3.1/3.6	3.3/3.6	3.5/4.2	3.8/5.7	4.1/5.7	4.3/5.7	4.6/5.7	4.8/5.7	5.1/5.7	5.2/5.7	5.4/--

		Bias (2008-11-01~2008-11-30)														
	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
CUST2	-0.91	-0.2/0.0	-0.2/0.6	-0.3/0.6	-0.4/0.5	-0.5/0.4	-0.6/0.3	-1.0/-0.1	-1.2/-0.2	-1.3/0.1	-1.2/0.3	-1.2/0.6	-1.4/0.9	-1.6/1.1	-1.5/1.4	-1.1/--

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

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

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 CUST2

	S-score	MAE (2008-11-01~2008-11-30)														
		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
SEA	-0.35	3.4/1.9	3.5/1.9	3.1/2.2	3.0/2.5	3.1/3.0	3.1/2.9	3.1/2.9	3.2/3.2	3.2/3.3	4.4/3.1	4.5/3.1	4.8/3.1	4.8/3.1	4.6/3.2	5.2/3.4
LAX	-0.02	5.3/3.1	5.1/4.1	5.0/4.2	5.0/4.7	5.1/4.8	5.2/4.9	5.4/5.4	6.1/6.8	6.2/6.8	5.9/6.8	5.7/6.8	5.7/6.9	5.7/7.0	6.2/7.1	6.4/7.0
SFO	0.06	2.8/2.6	2.9/2.5	2.7/2.4	2.7/2.7	2.9/3.0	3.3/3.9	3.8/4.1	4.5/4.8	4.6/4.8	4.5/5.0	4.2/5.1	4.3/5.2	4.3/5.2	4.4/5.3	4.7/5.4
IAH	0.12	2.4/3.0	2.5/3.3	2.9/3.9	3.2/4.2	3.7/4.3	4.3/4.4	4.4/4.6	4.7/4.8	4.8/5.0	4.4/5.2	5.3/5.3	5.1/5.5	5.7/5.7	4.9/5.8	4.5/6.0
DFW	0.19	1.4/2.7	1.9/2.8	2.2/3.5	3.0/4.6	3.8/5.1	4.9/5.7	4.8/6.4	5.0/6.2	5.3/6.0	4.7/6.0	5.5/5.9	5.6/5.8	5.4/5.7	5.8/5.6	5.6/5.7
ORD	0.23	2.4/2.7	2.5/2.4	3.1/3.3	3.8/2.9	3.8/4.4	4.1/5.0	4.2/5.6	4.4/9.3	4.9/9.5	5.4/9.8	5.8/10.1	7.5/10.4	8.3/10.7	8.2/11.0	7.6/11.4
LGA	0.29	2.6/2.7	2.3/2.5	2.7/3.7	2.6/3.0	3.1/3.2	3.1/4.0	3.4/4.7	3.0/7.5	3.8/7.7	4.1/7.8	4.8/7.9	4.5/8.0	5.4/8.2	5.9/8.4	6.4/8.6
PHL	0.37	2.6/4.0	2.7/4.2	3.1/4.1	3.0/4.3	3.5/4.2	3.6/4.8	4.0/5.1	3.8/7.9	4.7/8.2	4.5/8.5	4.8/8.7	3.9/8.9	5.0/9.2	5.7/9.4	6.0/9.8

	avg-bias	Bias (2008-11-01~2008-11-30)														
		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
SEA	-1.95	-0.2/-0.5	-0.3/-1.3	-0.3/-0.9	-0.6/-1.7	-0.5/-2.0	-0.7/-1.2	-1.3/-2.3	-1.2/-1.2	-1.5/-0.9	-3.3/-0.6	-3.4/-0.4	-3.8/-0.1	-3.9/0.2	-3.7/--	-4.5/--
IAH	-1.69	-0.6/0.6	-0.5/1.2	-0.7/2.4	-1.2/1.1	-1.6/0.2	-1.8/-0.0	-2.5/-1.5	-3.0/1.6	-2.7/1.9	-2.0/2.2	-2.1/2.6	-1.9/2.9	-2.0/3.3	-1.5/--	-1.3/--
LGA	-0.99	0.1/1.8	0.2/0.8	0.3/2.5	0.1/0.1	-0.9/-0.4	-1.0/-0.7	-0.8/-0.4	-0.5/5.1	-0.8/5.4	-0.8/5.8	-1.9/6.1	-2.4/6.5	-2.5/6.9	-2.1/--	-2.0/--
PHL	-0.44	0.5/2.9	0.2/1.9	0.2/1.9	-0.4/0.6	-1.1/0.8	-1.3/0.8	-0.9/0.7	-0.5/6.1	-0.3/6.5	-0.2/6.9	-0.5/7.2	-0.8/7.6	-0.8/7.9	-0.5/--	-0.3/--
DFW	-0.19	0.2/-1.8	0.2/-1.1	0.1/0.0	0.2/-0.3	0.3/-1.1	0.2/-3.2	-0.5/-3.2	-0.9/-2.2	-0.1/-1.7	-0.1/-1.3	-0.8/-0.9	-0.5/-0.4	-0.6/0.0	-0.5/--	-0.0/--
LAX	0.24	1.5/0.8	1.5/-1.2	1.6/-1.2	1.5/-2.3	1.4/-1.4	1.5/-2.0	0.9/-2.0	0.4/0.3	0.4/0.4	-0.4/0.6	-0.9/0.7	-1.1/0.8	-1.5/1.0	-1.5/--	-1.8/--
ORD	0.44	-0.1/2.2	0.2/1.9	0.3/1.2	0.6/0.2	0.9/0.9	0.8/0.6	0.7/0.9	0.6/4.9	0.6/5.5	0.6/6.0	0.3/6.5	-0.1/7.0	-0.2/7.5	0.3/--	0.9/--
SFO	1.32	0.3/0.6	0.6/0.8	0.8/1.0	1.1/0.3	1.5/0.7	1.8/0.9	1.8/0.8	2.0/0.4	1.9/0.6	1.5/0.9	1.5/1.2	1.7/1.5	1.2/1.7	1.0/--	1.2/--

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 in CUST2

	S-score	MAE (2008-11-01~2008-11-30)														
		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
SEA	-0.09	2.0/0.0	1.8/2.2	2.1/2.1	2.1/2.5	2.6/3.1	2.9/3.8	3.1/3.8	3.8/4.2	4.6/4.1	5.2/4.1	5.8/4.1	5.5/3.9	5.5/3.8	5.5/3.7	5.7/--
LAX	-0.08	2.0/0.0	1.9/1.3	1.9/1.4	1.9/1.5	2.0/2.1	2.1/1.9	2.0/2.1	2.2/2.6	2.3/2.5	2.4/2.5	2.3/2.4	2.5/2.3	2.5/2.2	2.6/2.2	3.1/--
SFO	-0.01	1.7/0.0	1.9/1.4	1.9/1.8	2.1/1.7	2.3/2.3	2.2/1.8	2.1/2.2	2.1/3.2	2.2/3.1	2.3/3.0	2.7/2.8	2.7/2.6	2.8/2.7	2.8/2.6	3.0/--
DFW	0.19	1.9/0.0	1.7/2.5	2.0/2.8	2.6/4.1	3.7/4.9	4.0/4.6	4.3/5.0	4.4/6.0	4.6/6.0	4.3/6.0	5.1/5.9	5.8/5.9	5.8/5.9	5.4/5.9	5.4/--
LGA	0.22	2.0/0.0	2.2/2.4	2.4/2.5	2.8/3.1	3.5/3.2	3.5/3.3	3.5/4.4	4.2/7.4	4.8/7.6	4.9/7.6	4.9/7.7	5.0/7.9	5.3/8.0	5.8/8.0	6.1/--
IAH	0.22	2.4/0.0	1.9/3.7	2.6/4.1	2.6/5.5	3.6/5.5	4.3/5.6	4.8/5.3	5.5/6.9	5.3/6.8	5.4/6.8	6.5/7.0	6.4/7.0	7.1/7.0	6.5/7.1	6.2/--
ORD	0.23	2.7/0.0	2.5/2.5	2.9/3.4	3.2/3.8	3.9/4.2	4.0/4.7	4.2/6.2	4.2/7.9	4.5/7.9	4.7/8.1	5.4/8.2	6.0/8.3	7.2/8.3	7.3/8.4	7.4/--
PHL	0.28	1.7/0.0	2.0/2.6	1.8/2.7	2.6/3.1	3.0/3.3	3.3/3.4	3.8/4.2	3.9/7.2	4.2/7.3	4.7/7.4	4.2/7.5	4.5/7.6	5.0/7.8	5.6/7.9	6.0/--

	avg-bias	Bias (2008-11-01~2008-11-30)														
		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
SEA	-1.92	-0.2/0.0	-0.4/-0.1	-0.7/-0.7	-0.5/-1.2	-0.6/-1.0	-0.6/-1.3	-1.2/-1.4	-1.6/-2.6	-2.4/-2.5	-3.1/-2.3	-3.4/-2.1	-3.2/-1.9	-3.4/-1.7	-3.6/-1.5	-3.9/--
PHL	-1.40	-0.1/0.0	-0.1/0.5	-0.4/-0.4	-0.7/-0.5	-1.0/-0.9	-1.2/-0.2	-1.3/-0.8	-1.2/2.2	-1.1/2.5	-1.7/2.8	-2.1/3.1	-2.6/3.4	-2.6/3.6	-2.6/3.9	-2.2/--
LAX	-1.22	-0.4/0.0	-0.4/-0.5	-0.4/-0.1	-0.6/-0.5	-0.6/-1.4	-0.7/-1.2	-0.9/-1.2	-1.3/-1.7	-1.5/-1.4	-1.7/-1.2	-1.6/-1.0	-1.8/-0.8	-2.0/-0.5	-2.2/-0.3	-2.5/--
IAH	-1.19	-0.4/0.0	-0.2/3.1	-0.4/3.5	-0.6/4.4	-0.9/3.8	-1.4/4.1	-2.2/1.9	-3.6/0.7	-3.6/0.9	-1.7/1.2	-0.7/1.5	-0.9/1.8	-1.2/2.1	-0.6/2.4	0.6/--
DFW	-0.72	-0.3/0.0	-0.3/-0.1	-0.4/0.7	-0.6/-0.2	-0.1/1.1	-0.4/0.1	-1.2/-1.0	-1.7/-1.7	-1.4/-1.4	-0.7/-1.0	-1.0/-0.7	-1.0/-0.3	-1.2/0.0	-0.7/0.4	0.2/--
SFO	-0.55	-0.0/0.0	0.1/0.2	0.1/0.2	0.1/0.1	0.0/0.2	-0.1/0.3	-0.2/0.8	0.0/-2.5	-0.2/-2.3	-0.6/-2.1	-1.0/-1.9	-1.4/-1.8	-1.6/-1.6	-1.7/-1.4	-1.8/--
LGA	-0.38	0.1/0.0	0.1/0.8	0.0/0.4	-0.2/0.4	-0.6/0.0	-0.5/0.2	-0.7/-0.4	-0.5/2.2	-0.2/2.5	-0.5/2.8	-0.3/3.1	-0.7/3.4	-0.8/3.7	-0.7/4.0	-0.2/--
ORD	0.08	0.0/0.0	-0.2/1.3	-0.3/0.9	0.1/1.2	0.1/1.1	0.2/0.9	0.1/1.2	0.4/1.8	-0.1/2.1	0.4/2.5	0.3/2.8	0.3/3.1	-0.6/3.5	-0.3/3.8	0.7/--

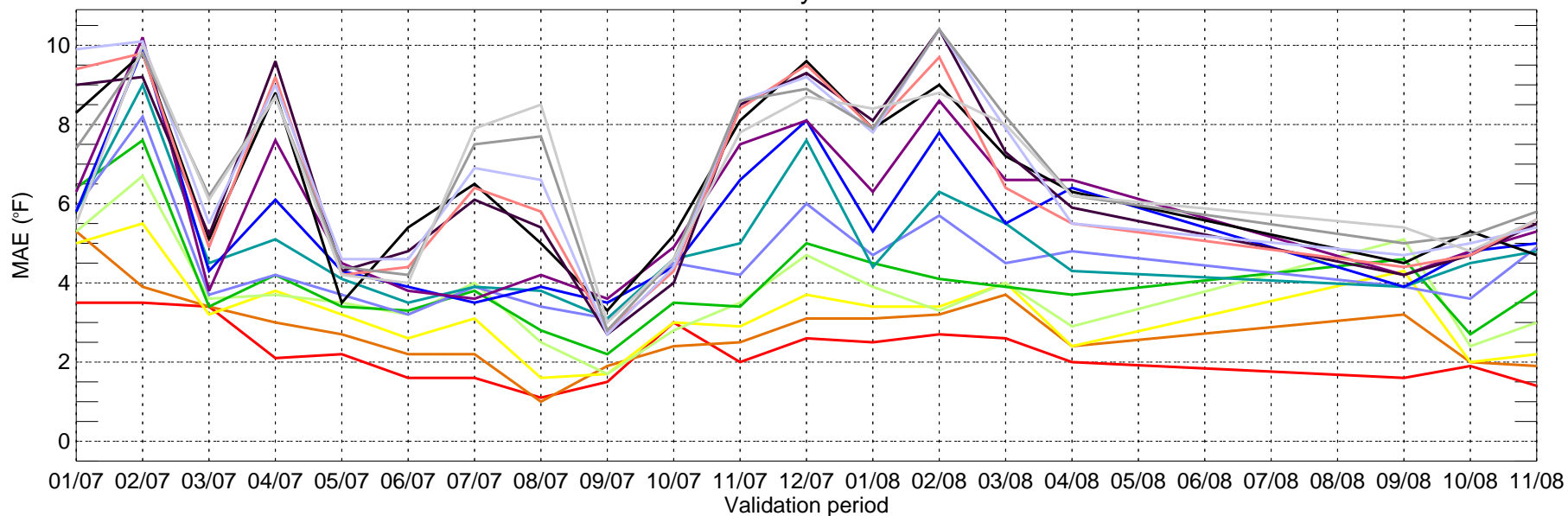
red: $S < -0.3$ orange: $-0.3 < S < -0.1$ grey: $-0.1 < S < 0.1$ green: $0.1 < S < 0.3$ blue: $S > 0.3$

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

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: $B < -4.0$

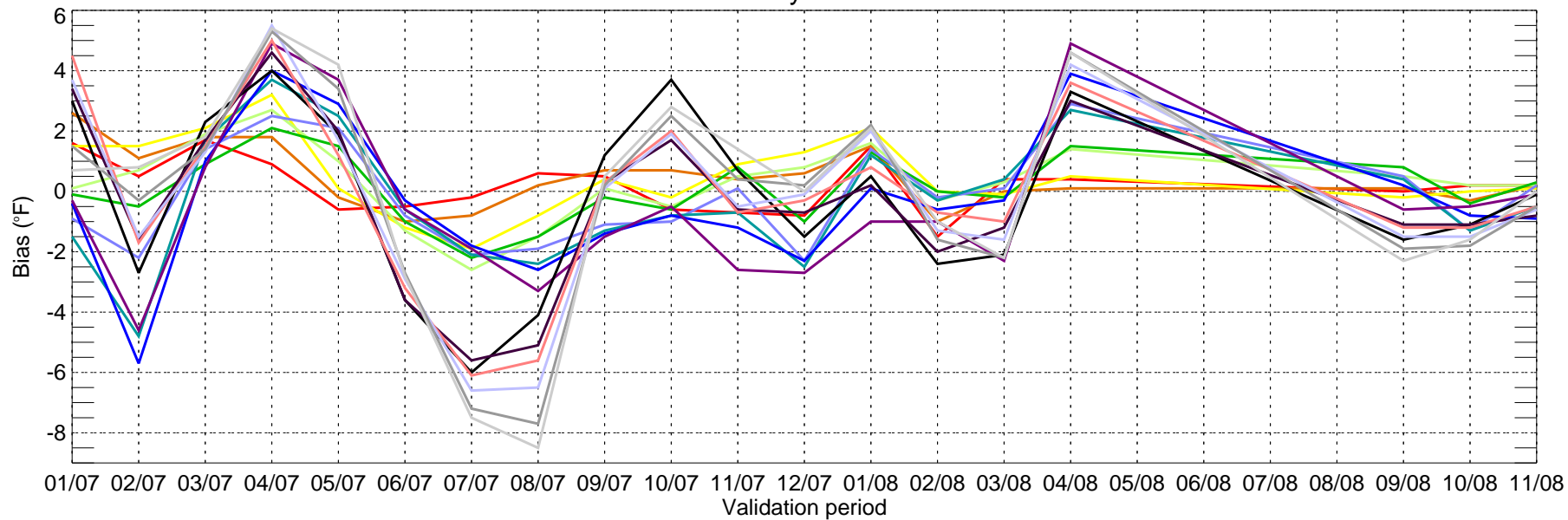
avg_bias: average of ECMWF-value

DFW: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



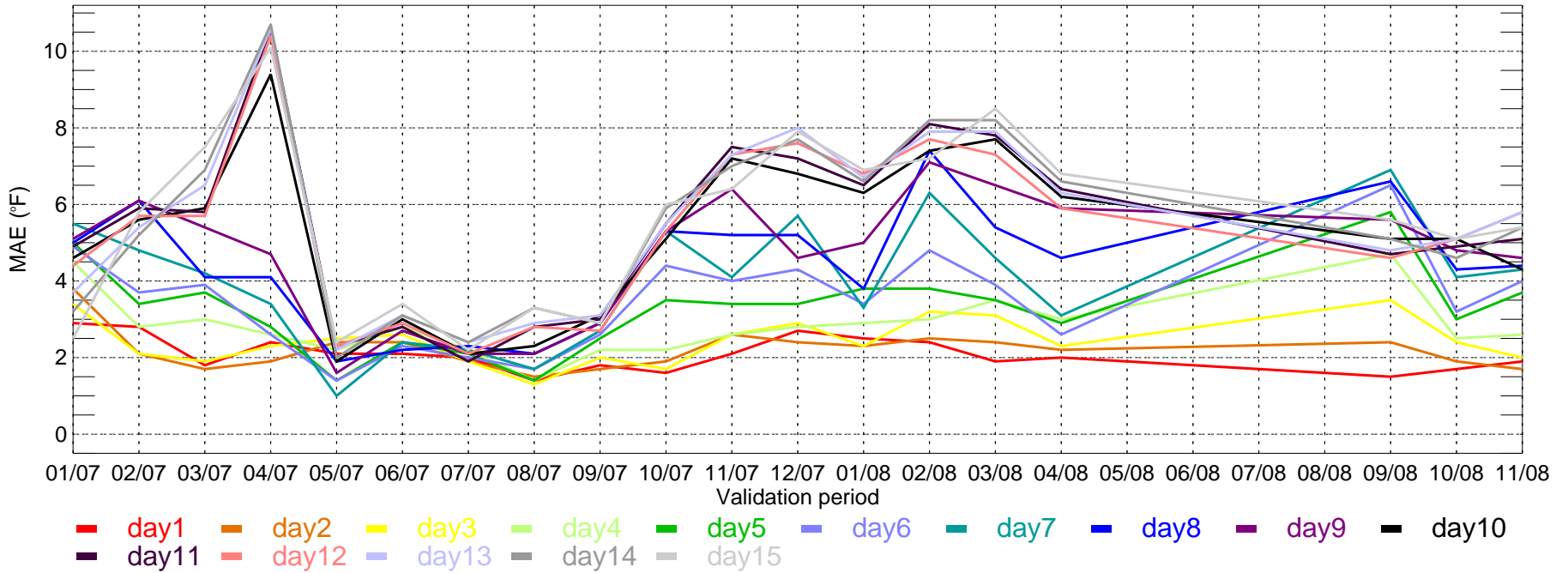
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- day11 ■ day12 ■ day13 ■ day14 ■ day15

DFW: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30

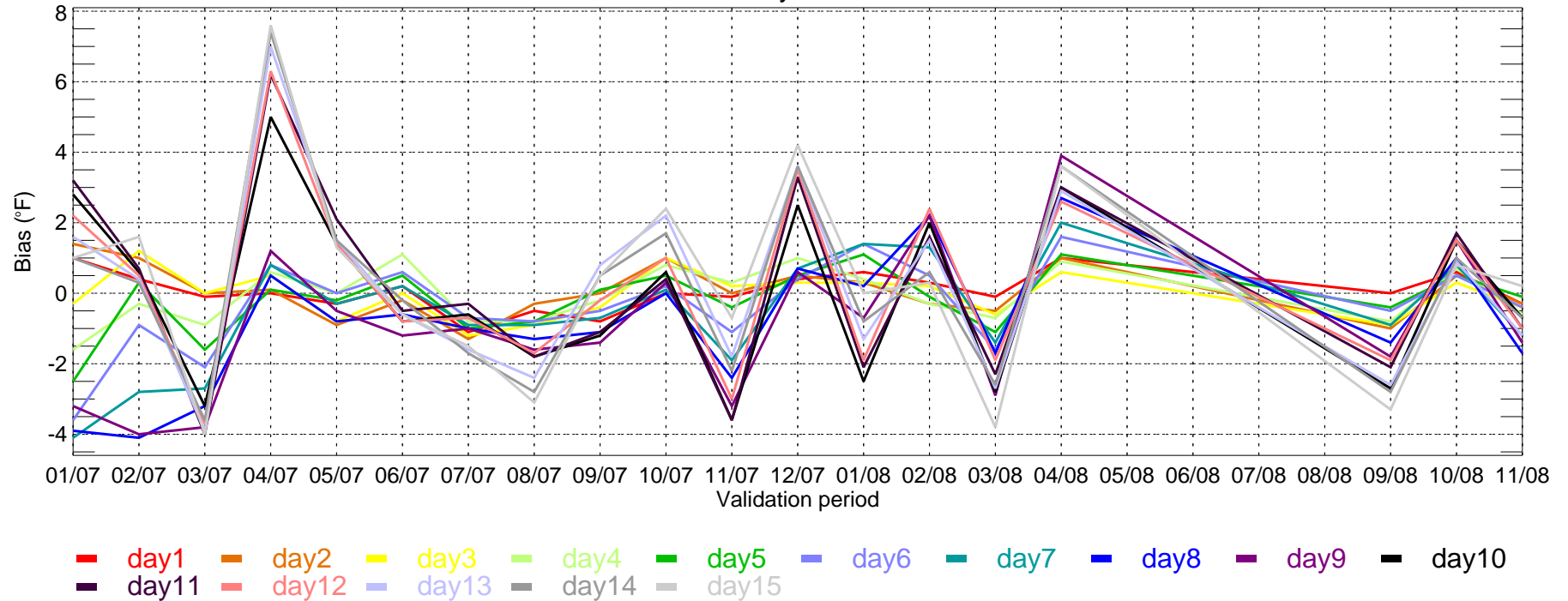


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- day11 ■ day12 ■ day13 ■ day14 ■ day15

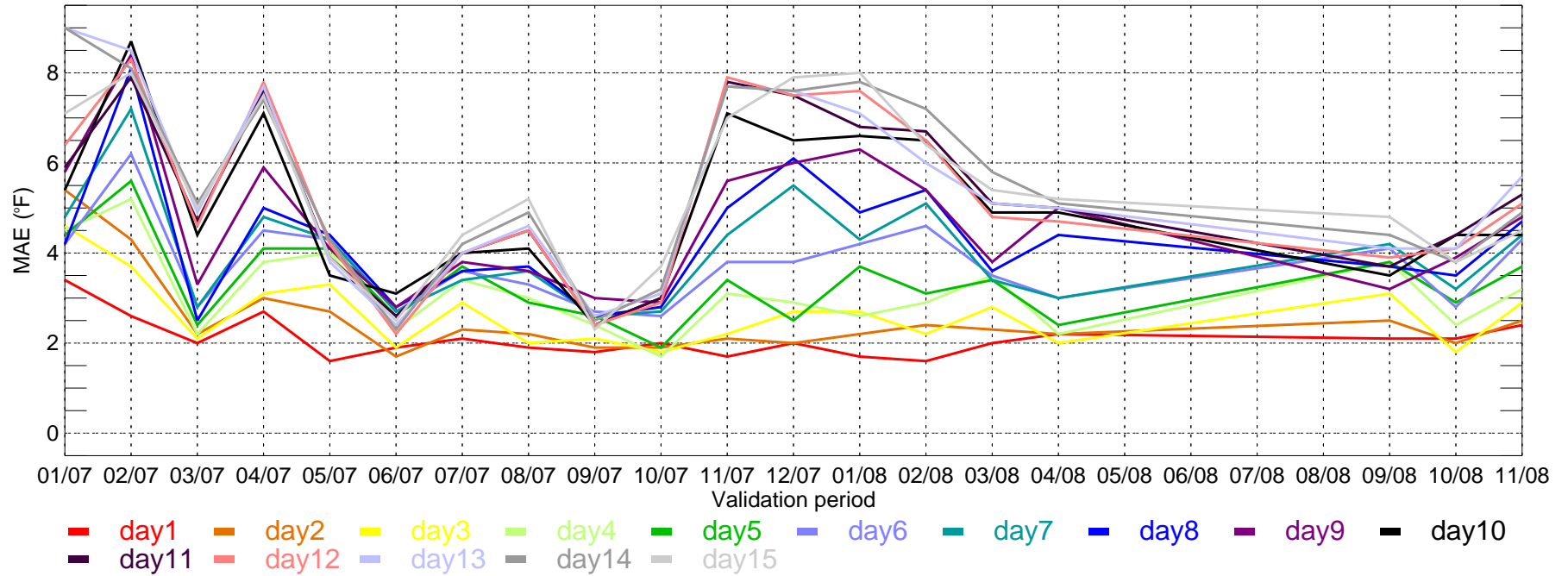
DFW: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



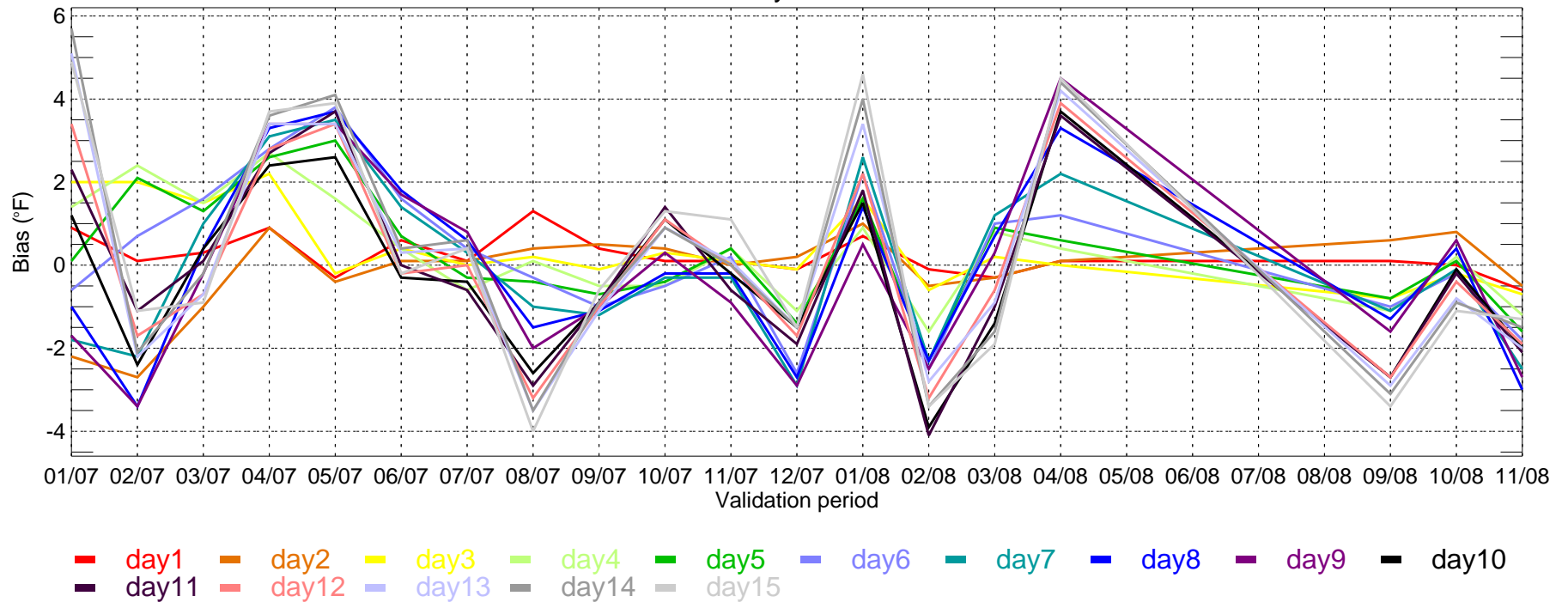
DFW: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30



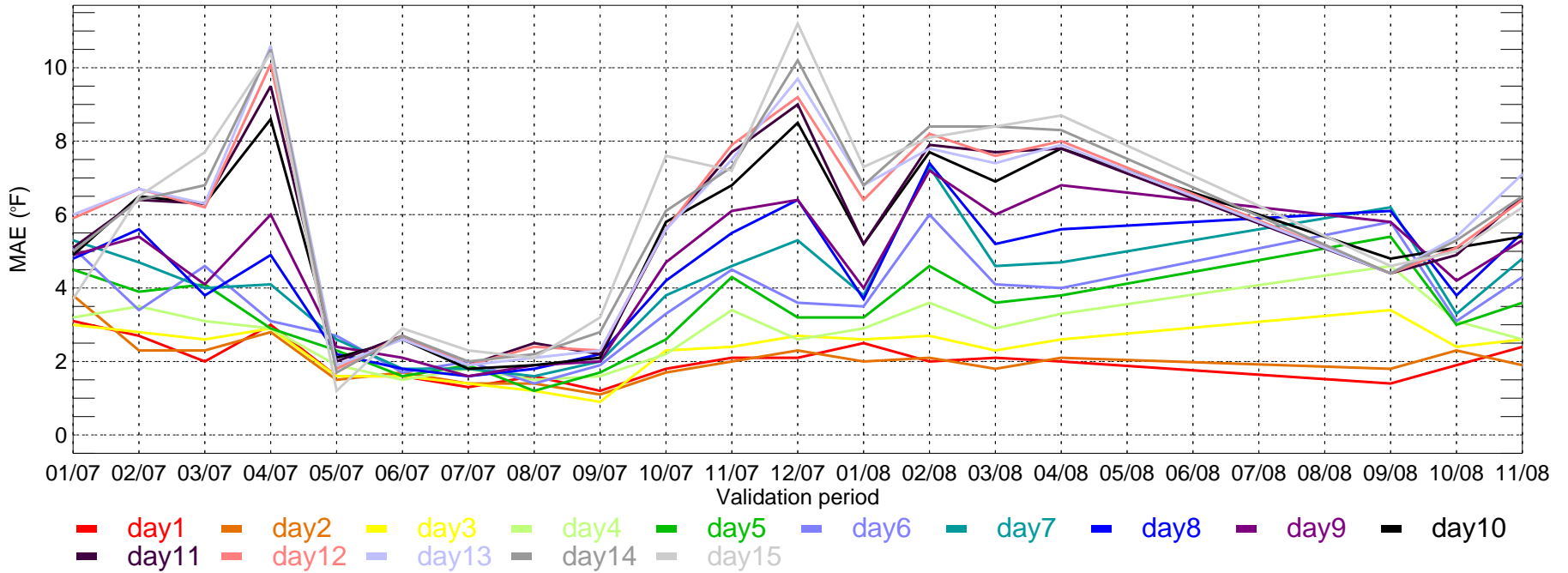
IAH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



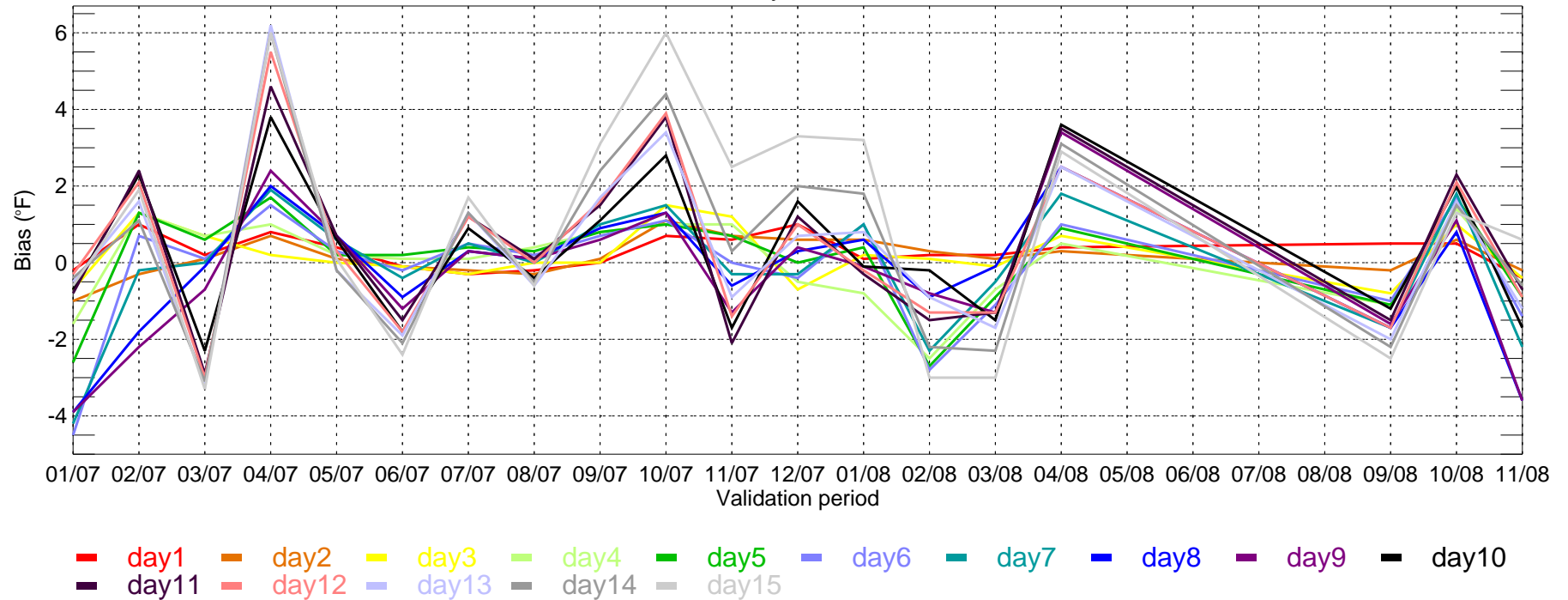
IAH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30



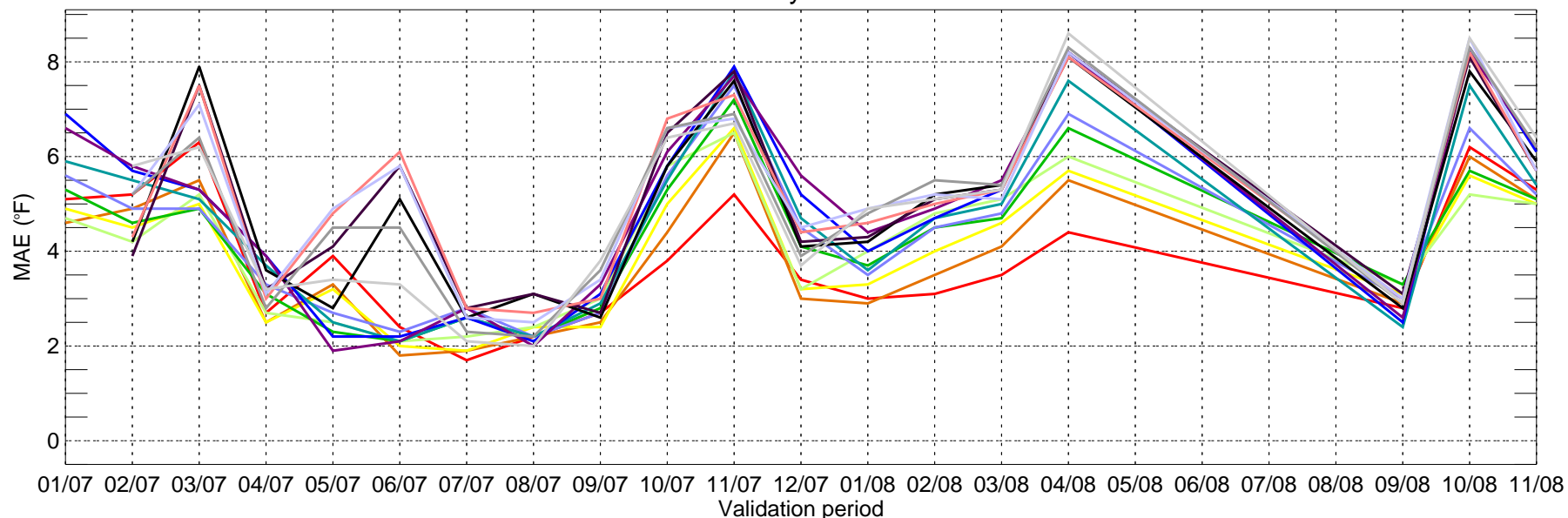
IAH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



IAH: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30

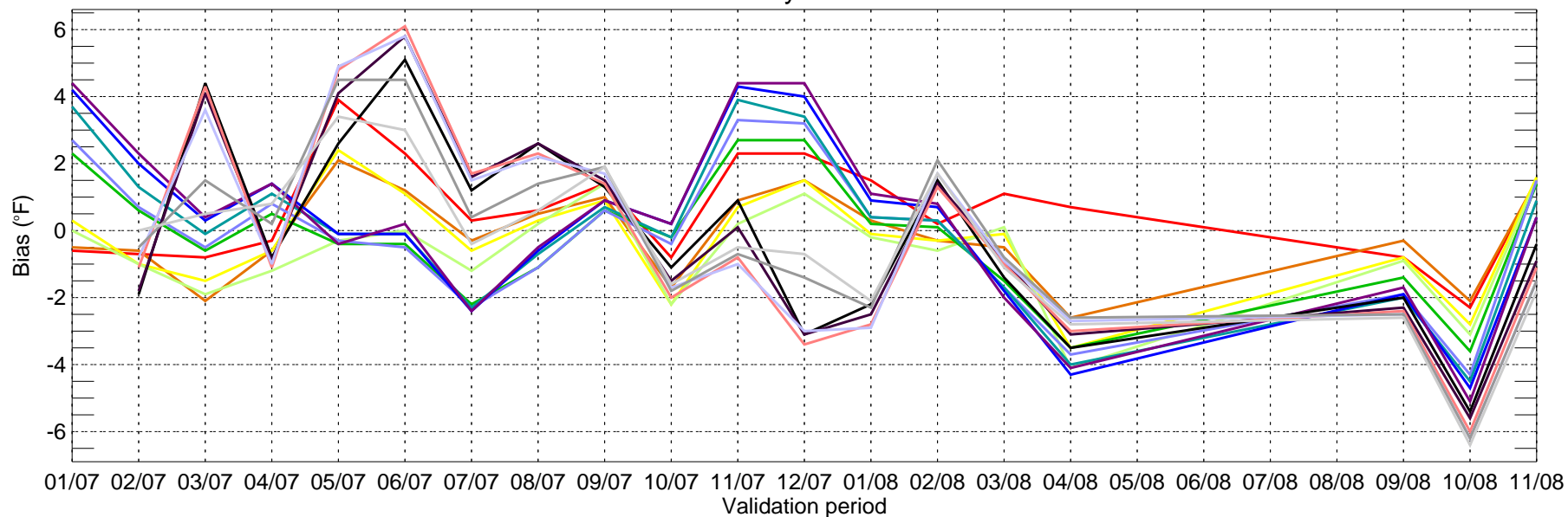


LAX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



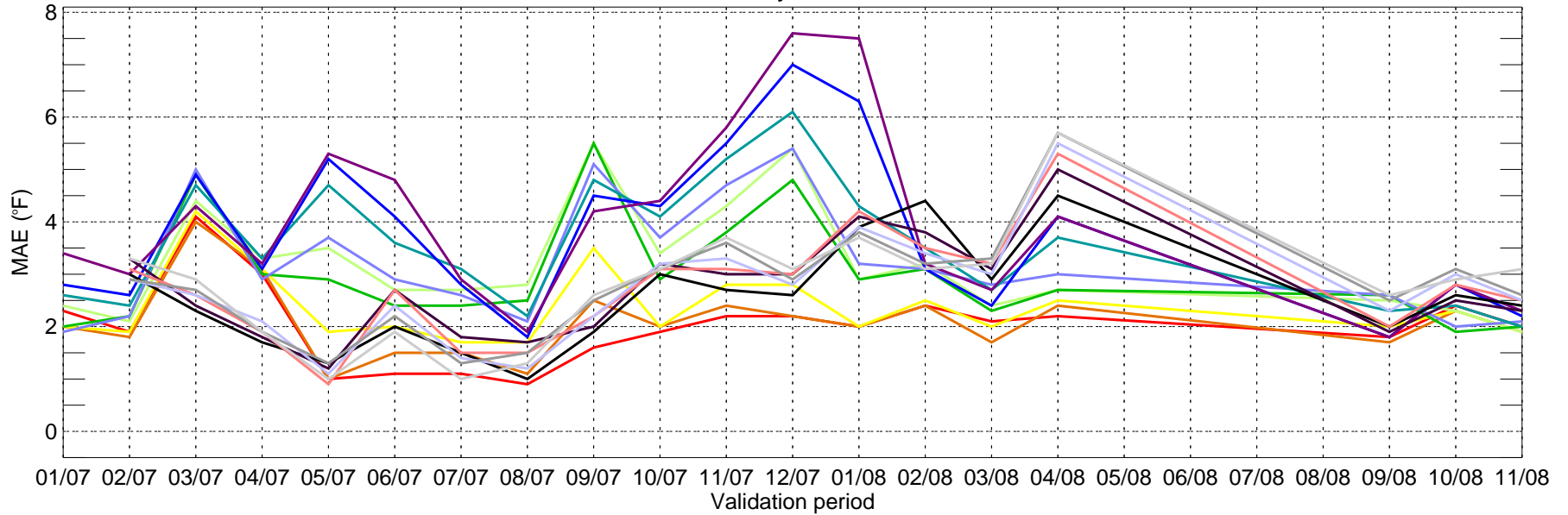
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■ day11 ■ day12 ■ day13 ■ day14 ■ day15

LAX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30

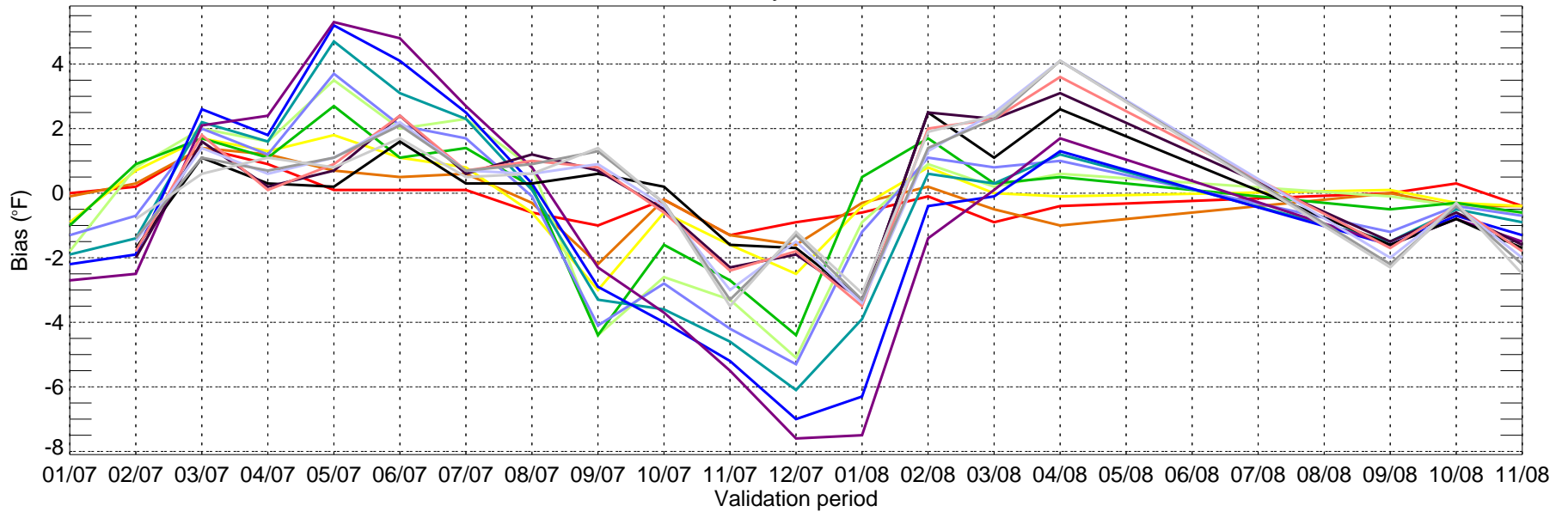


■ day1 ■ day2 ■ day3 ■ day4 ■ day5 ■ day6 ■ day7 ■ day8 ■ day9 ■ day10
■ day11 ■ day12 ■ day13 ■ day14 ■ day15

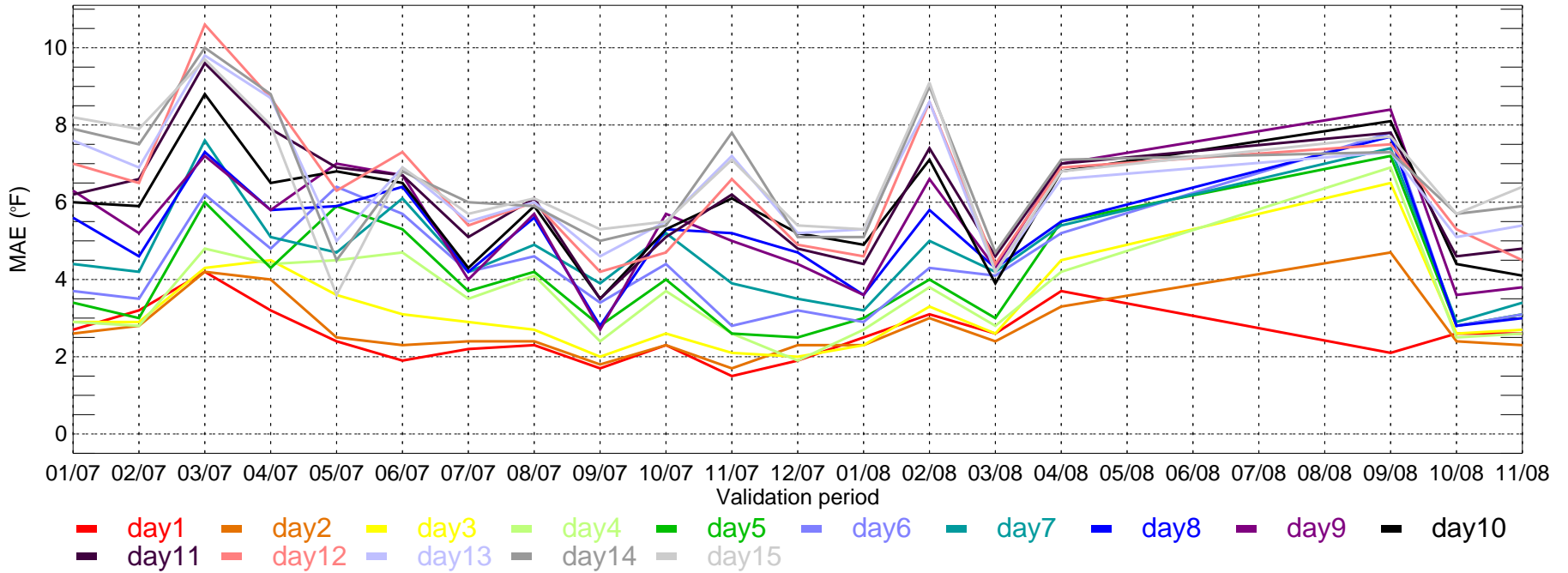
LAX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



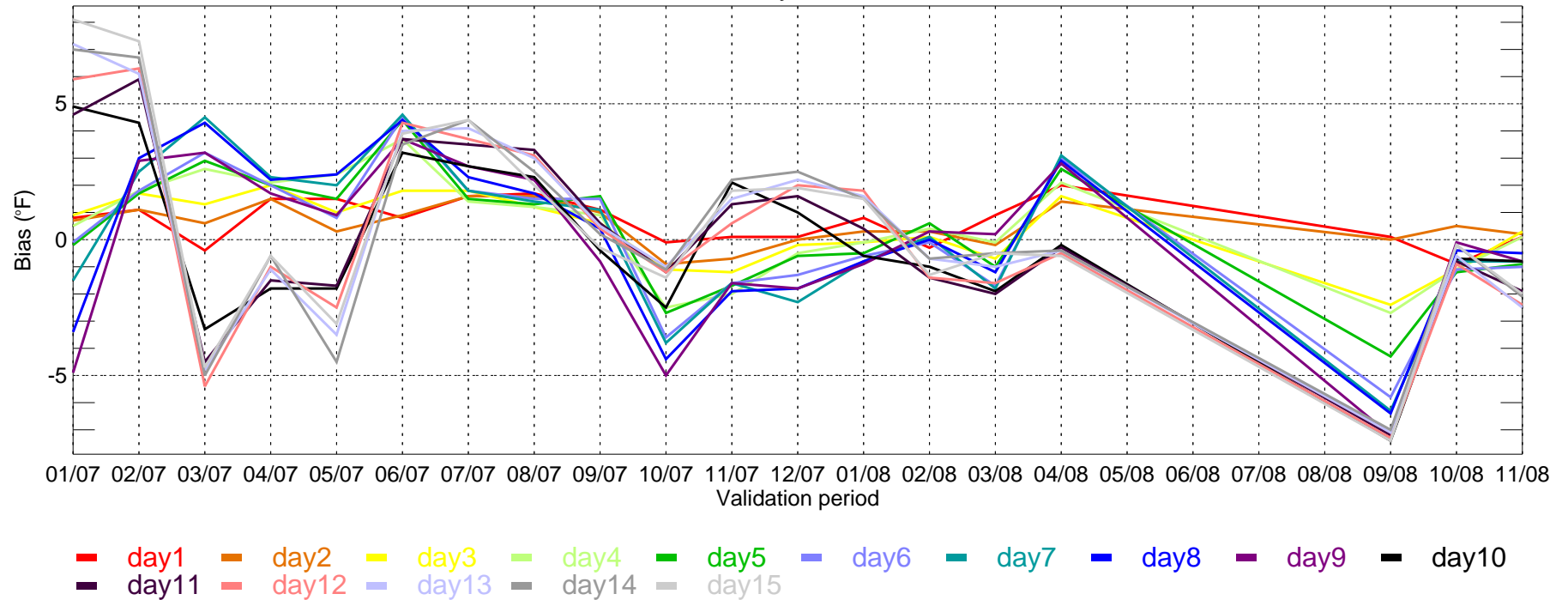
LAX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30



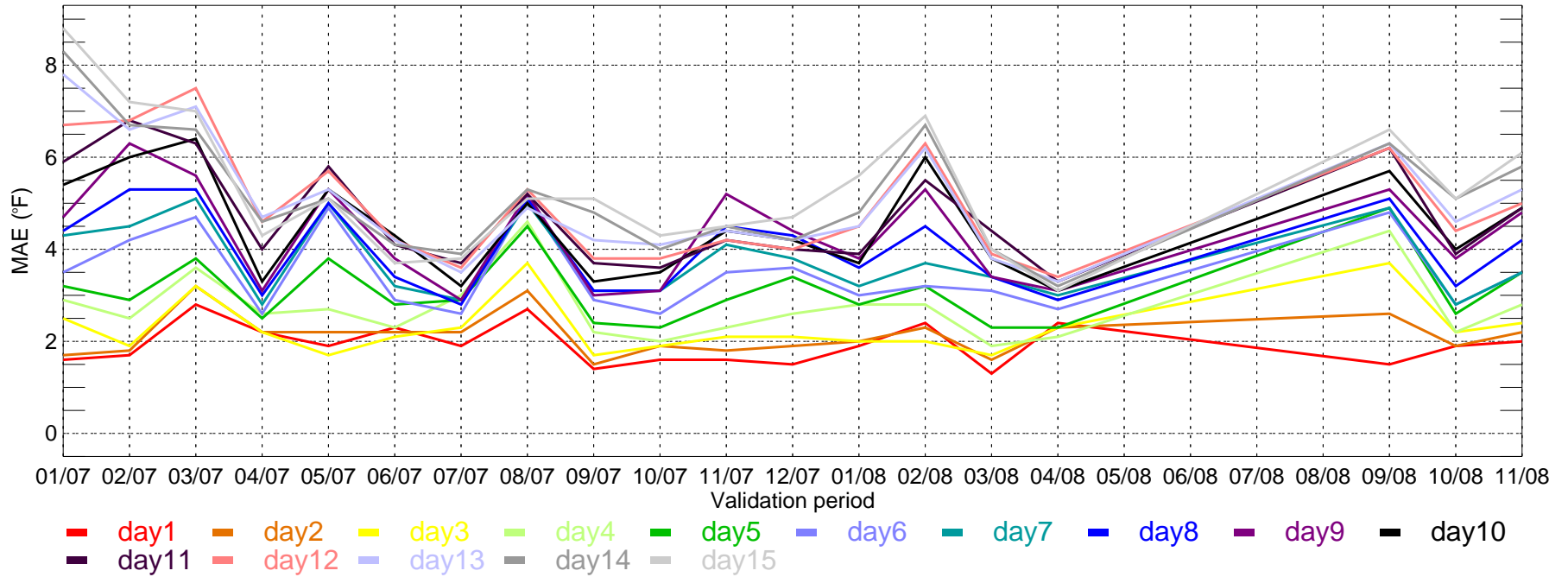
LGA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



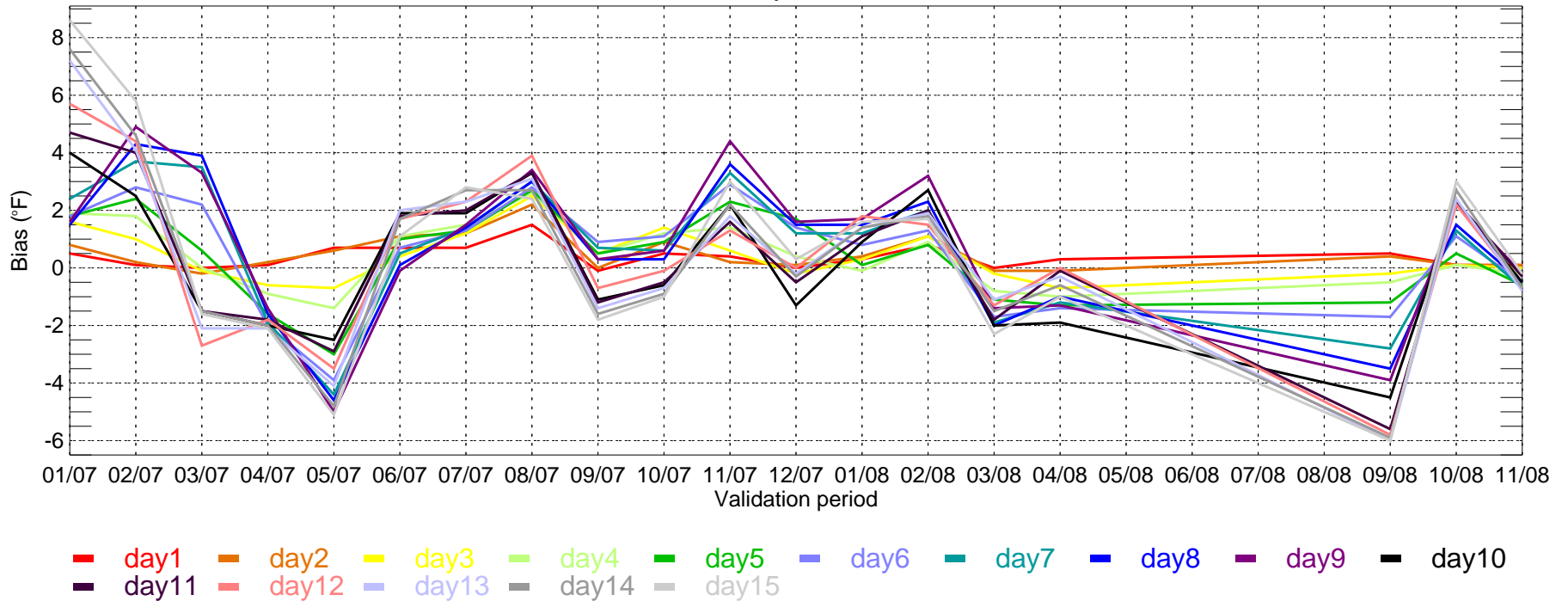
LGA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30



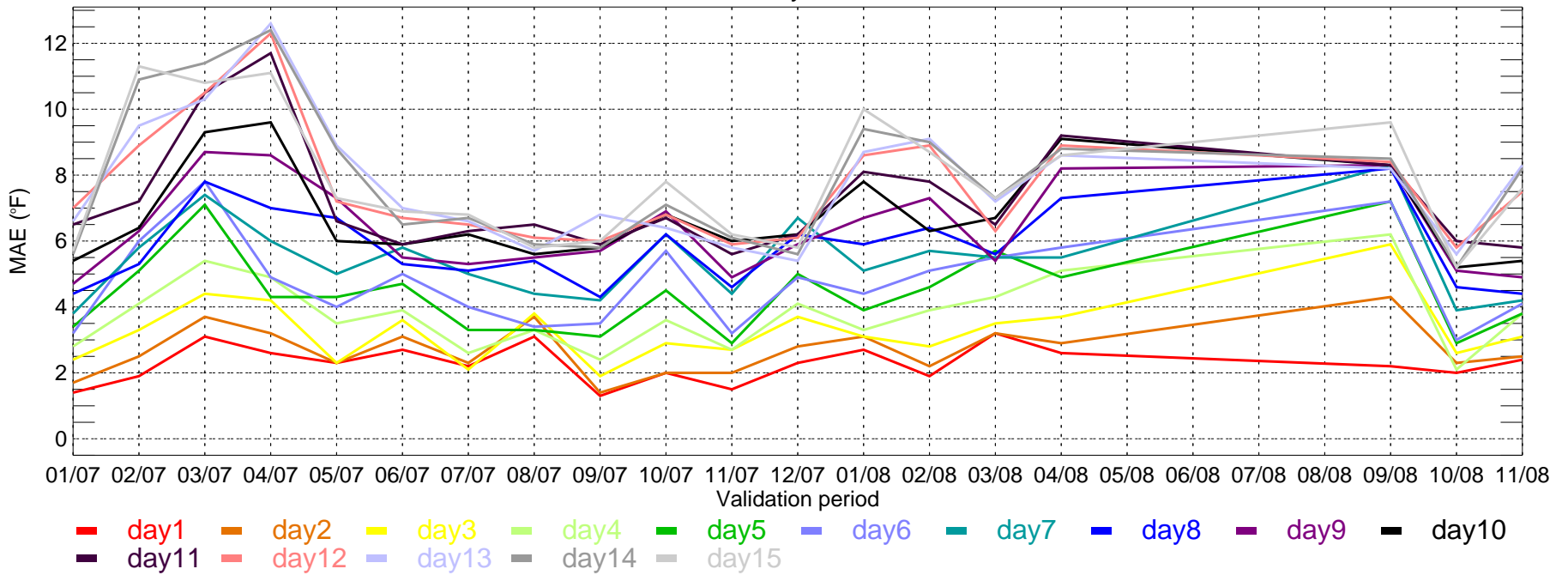
LGA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



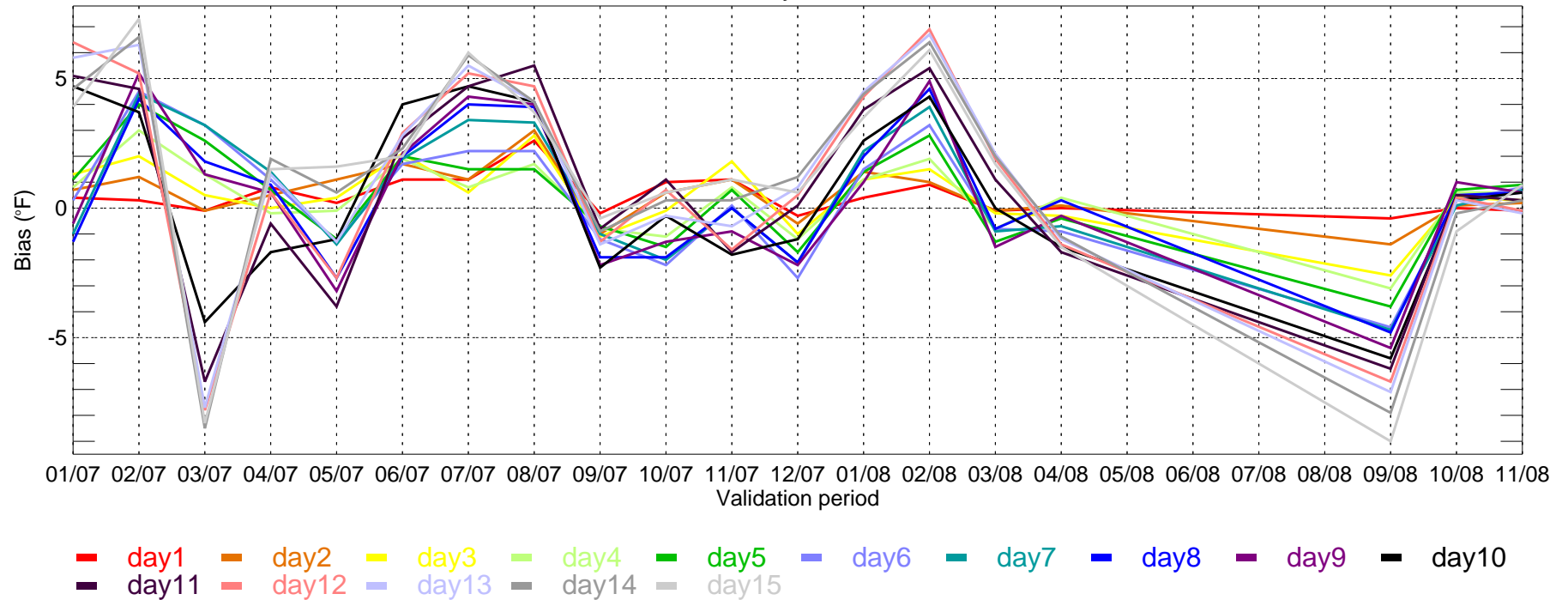
LGA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30



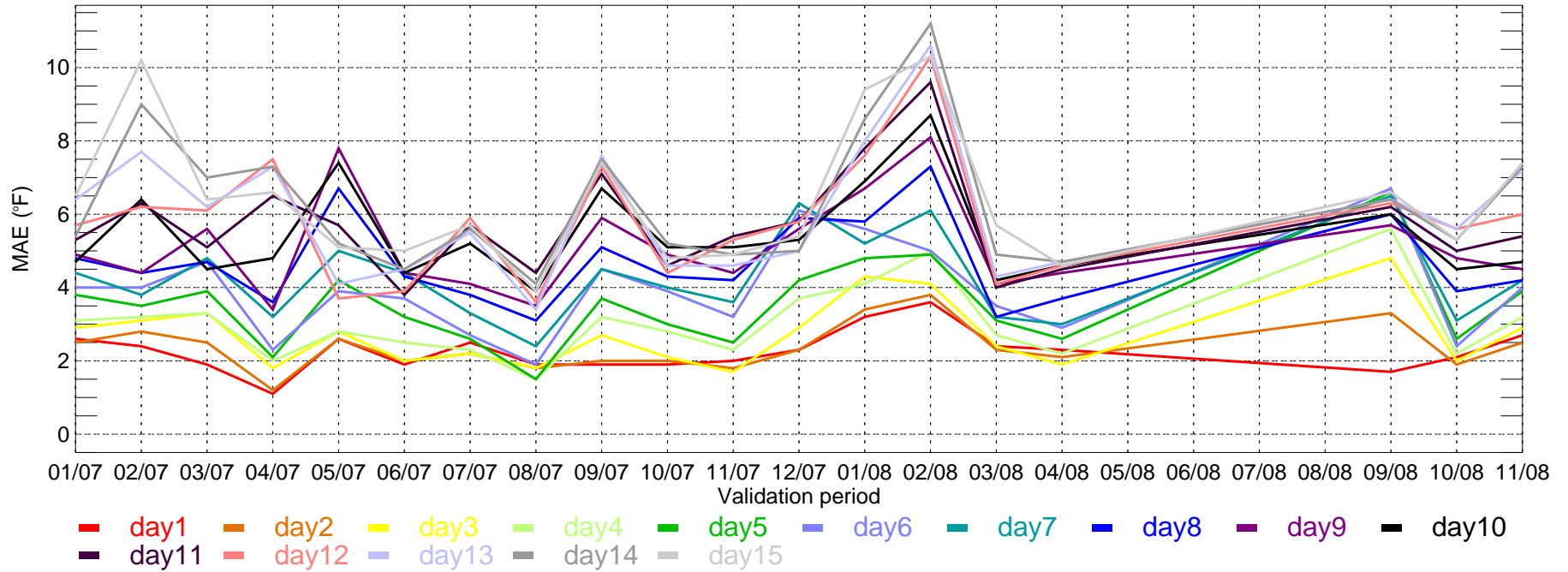
ORD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



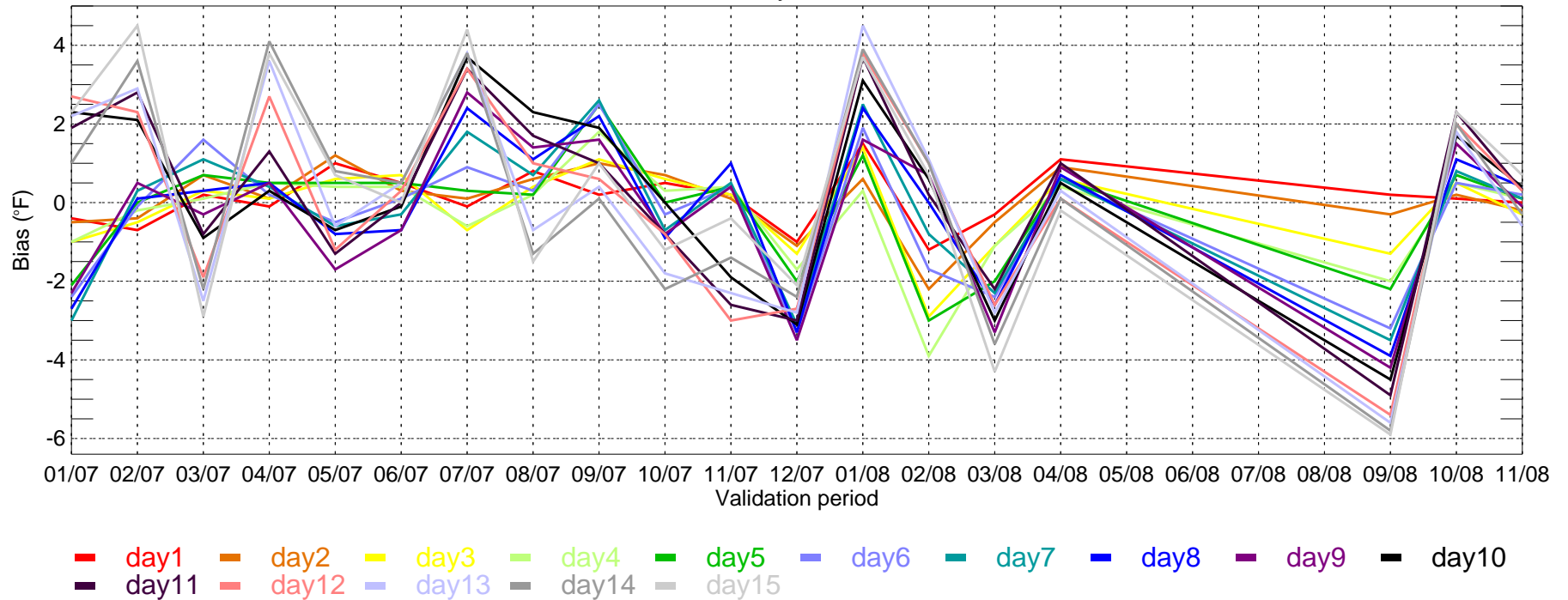
ORD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30



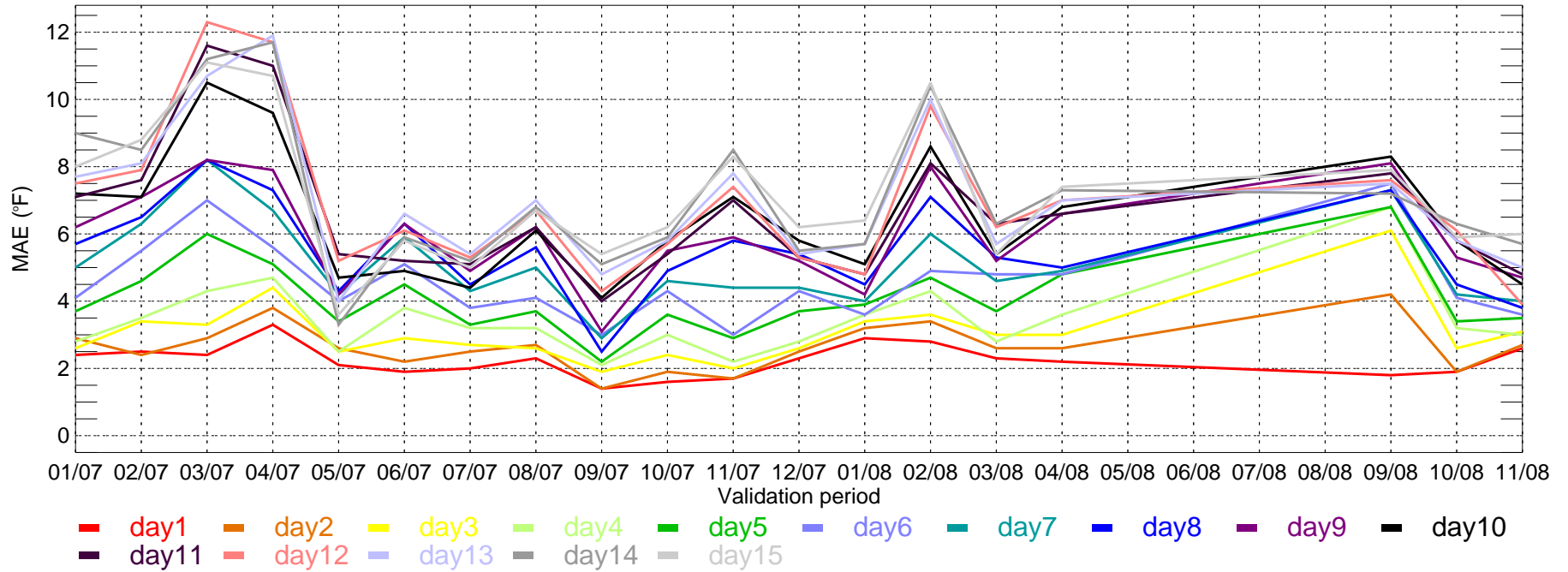
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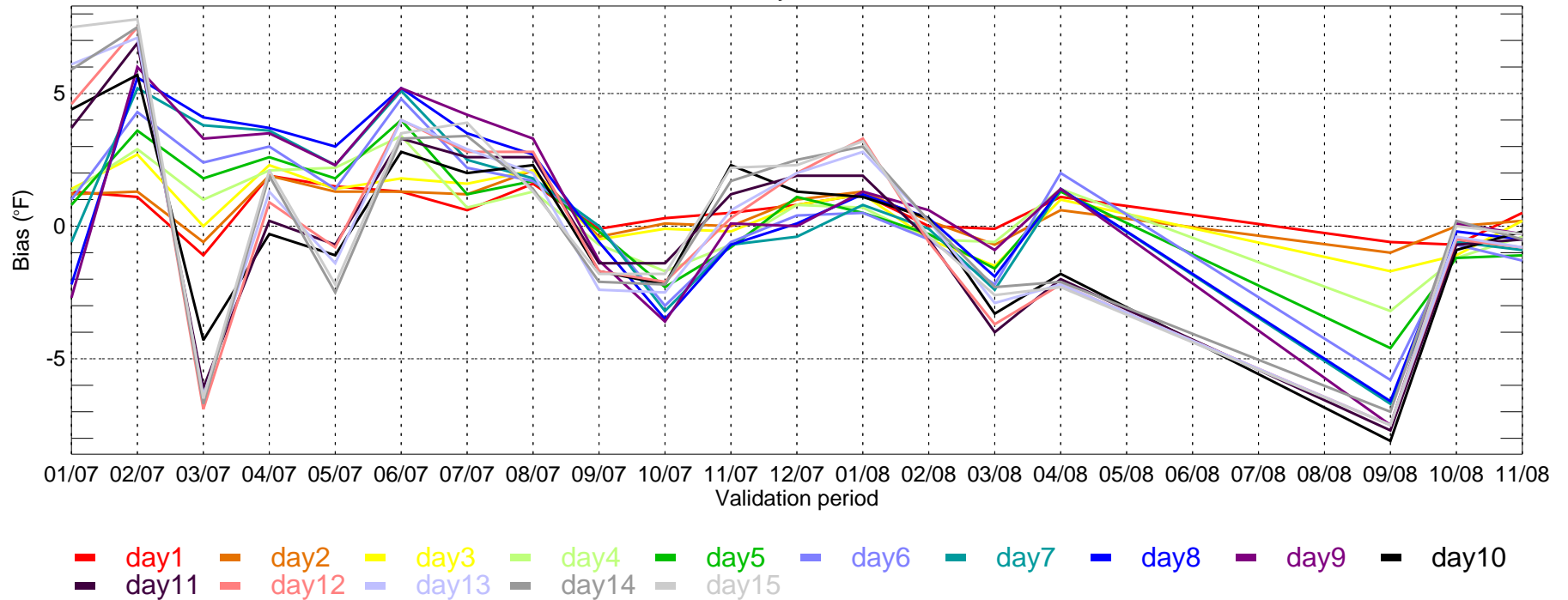
ORD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30



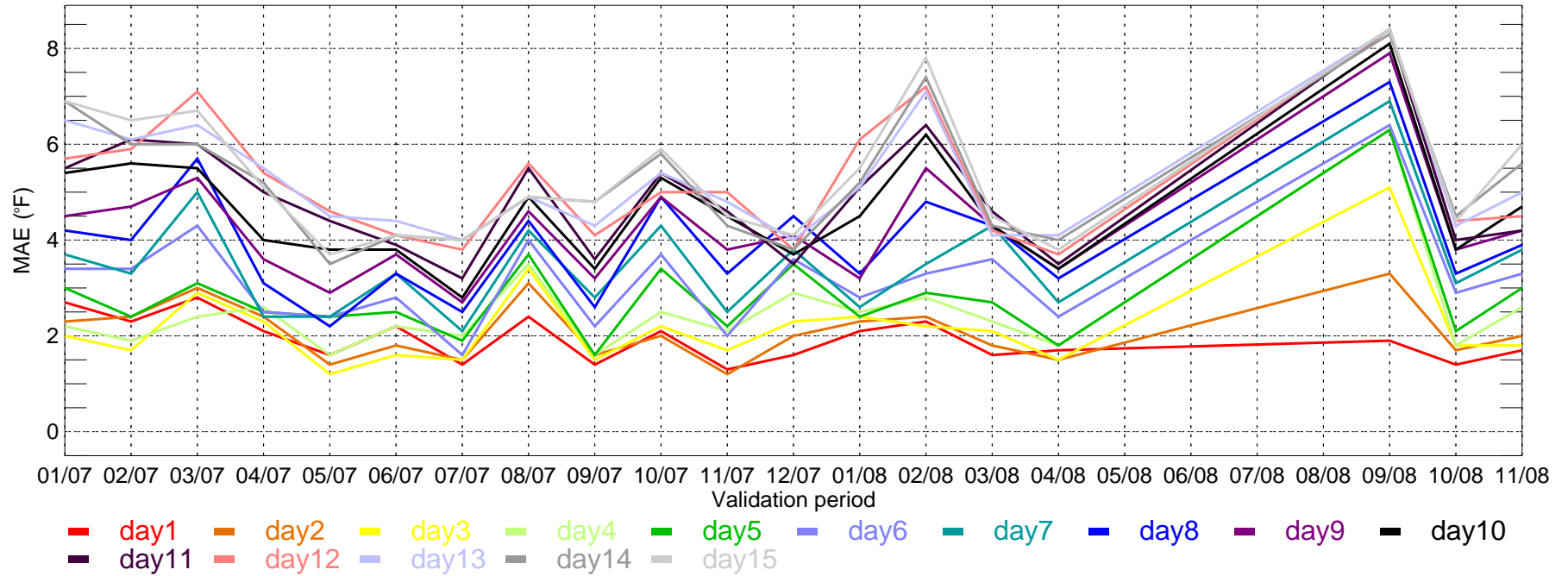
PHL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



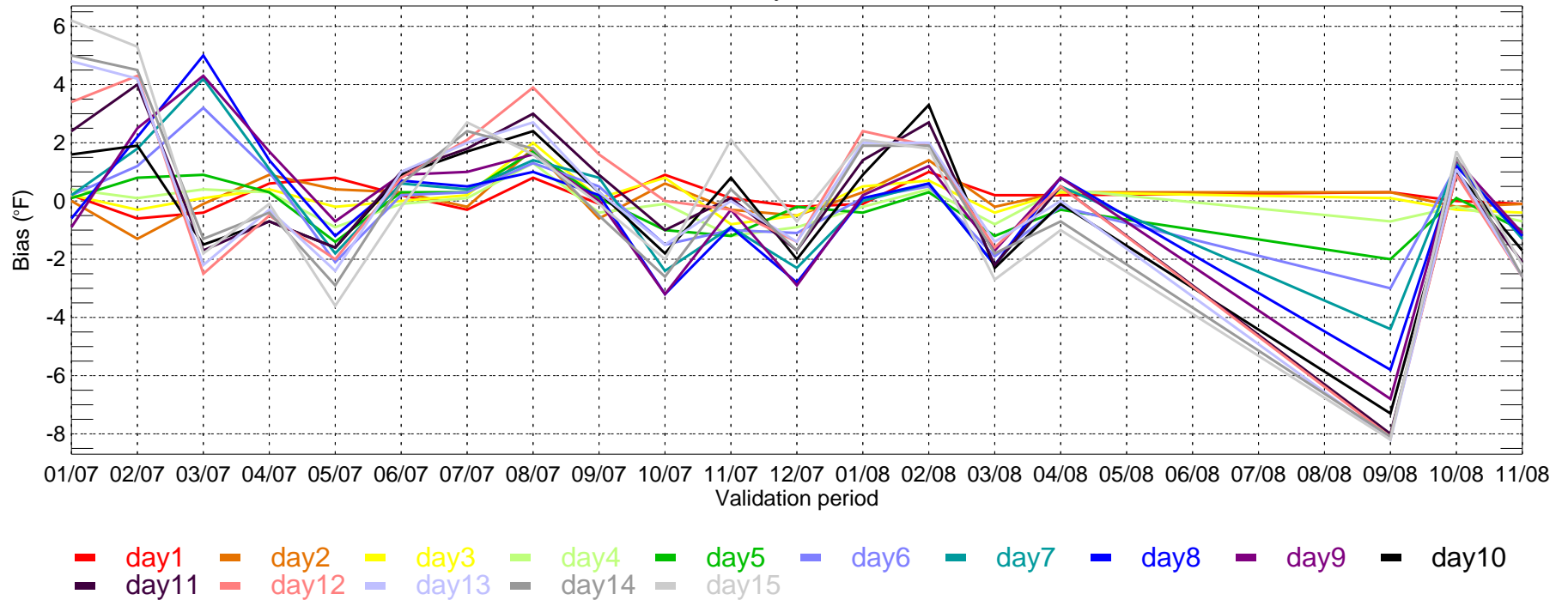
PHL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30



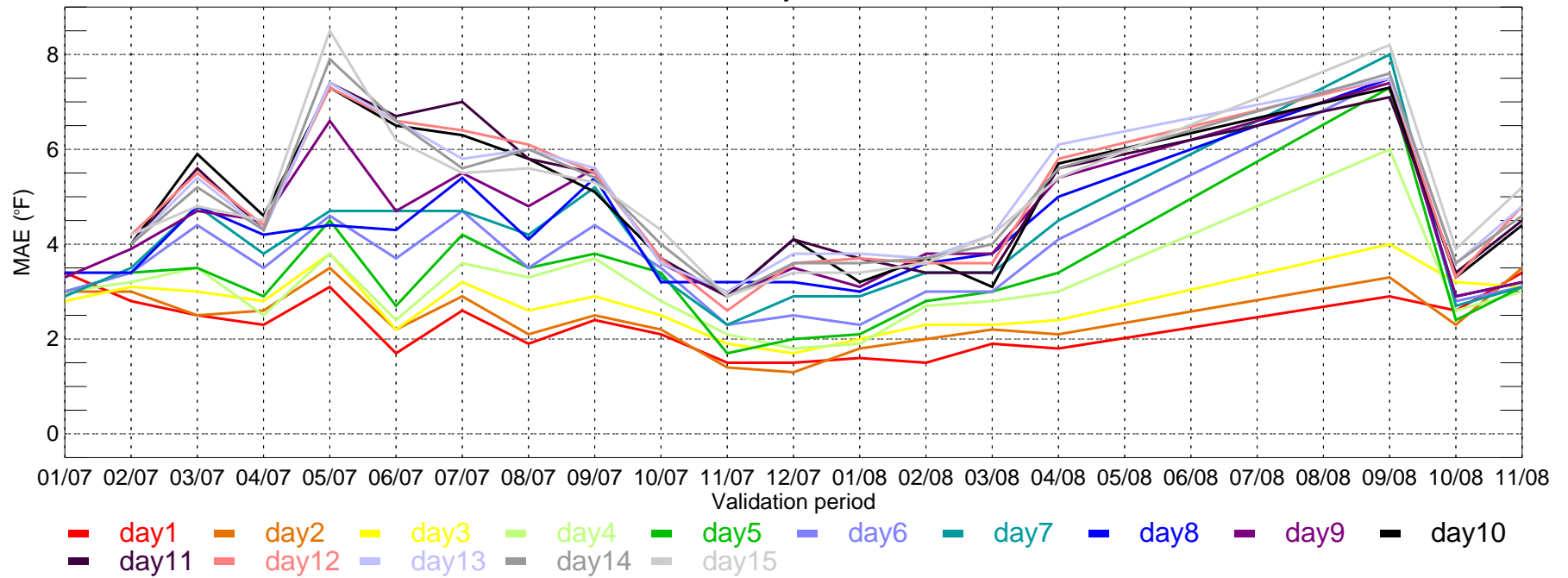
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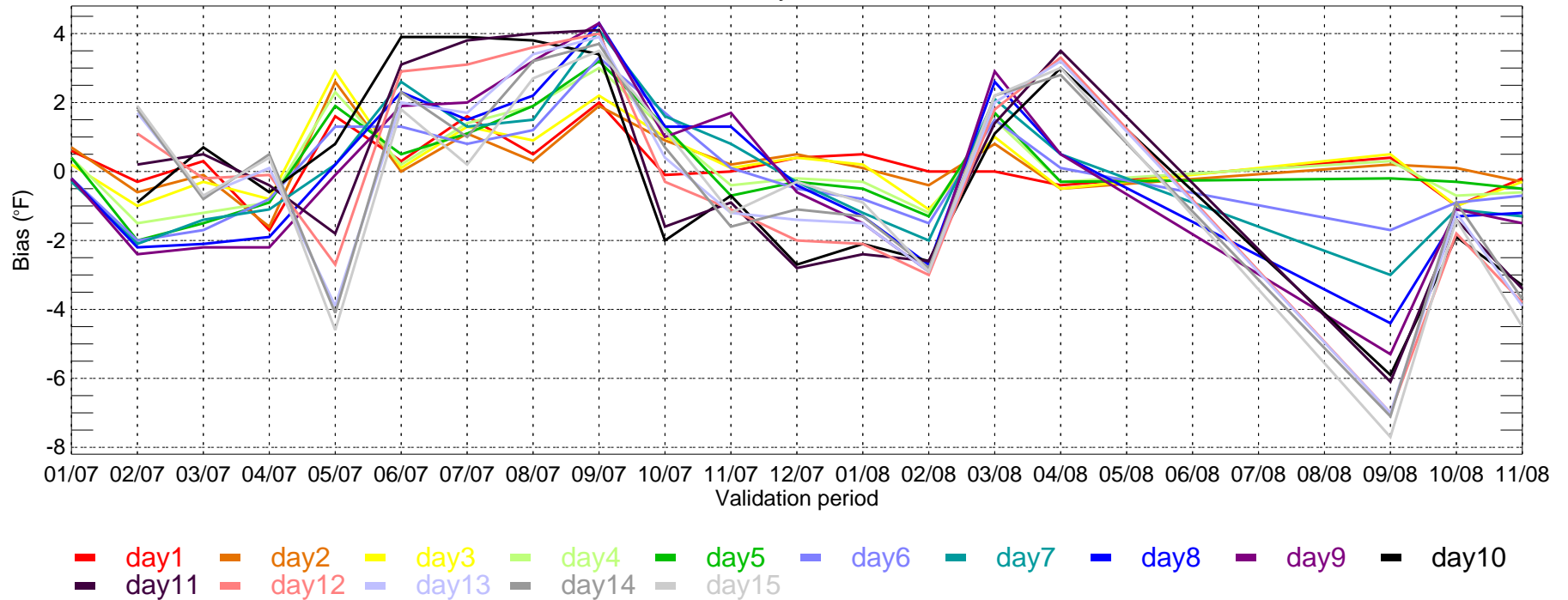
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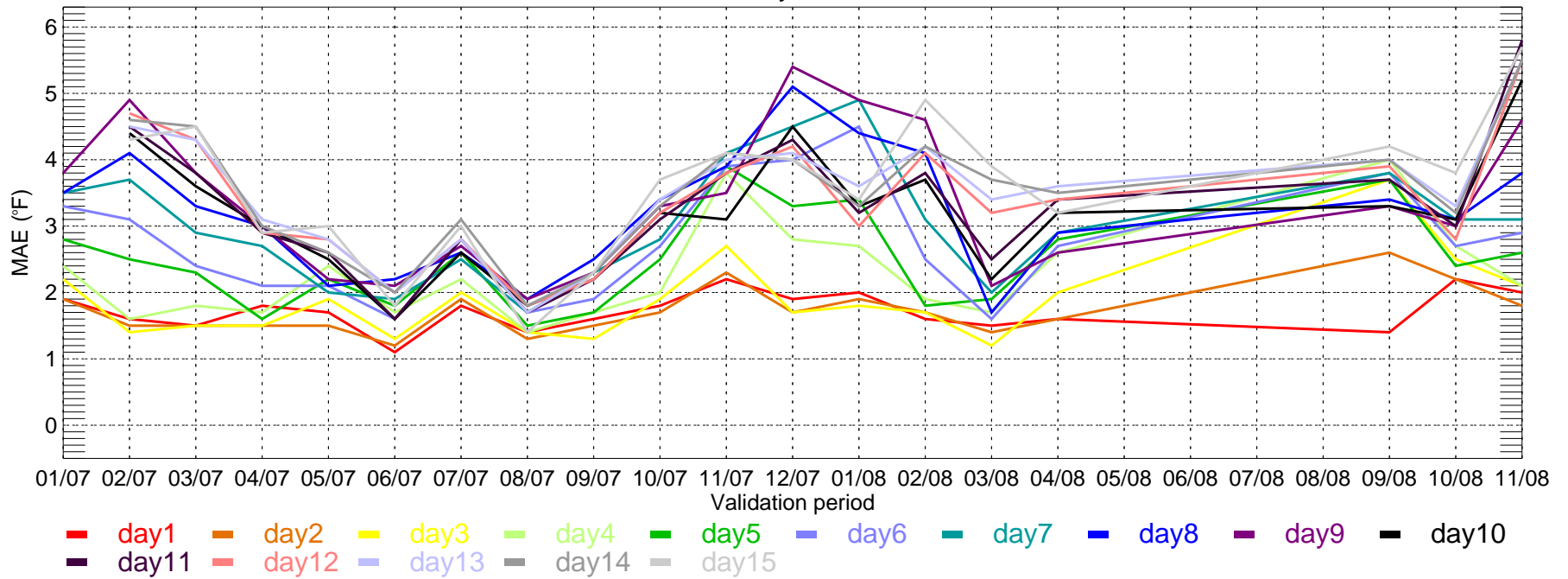
SEA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



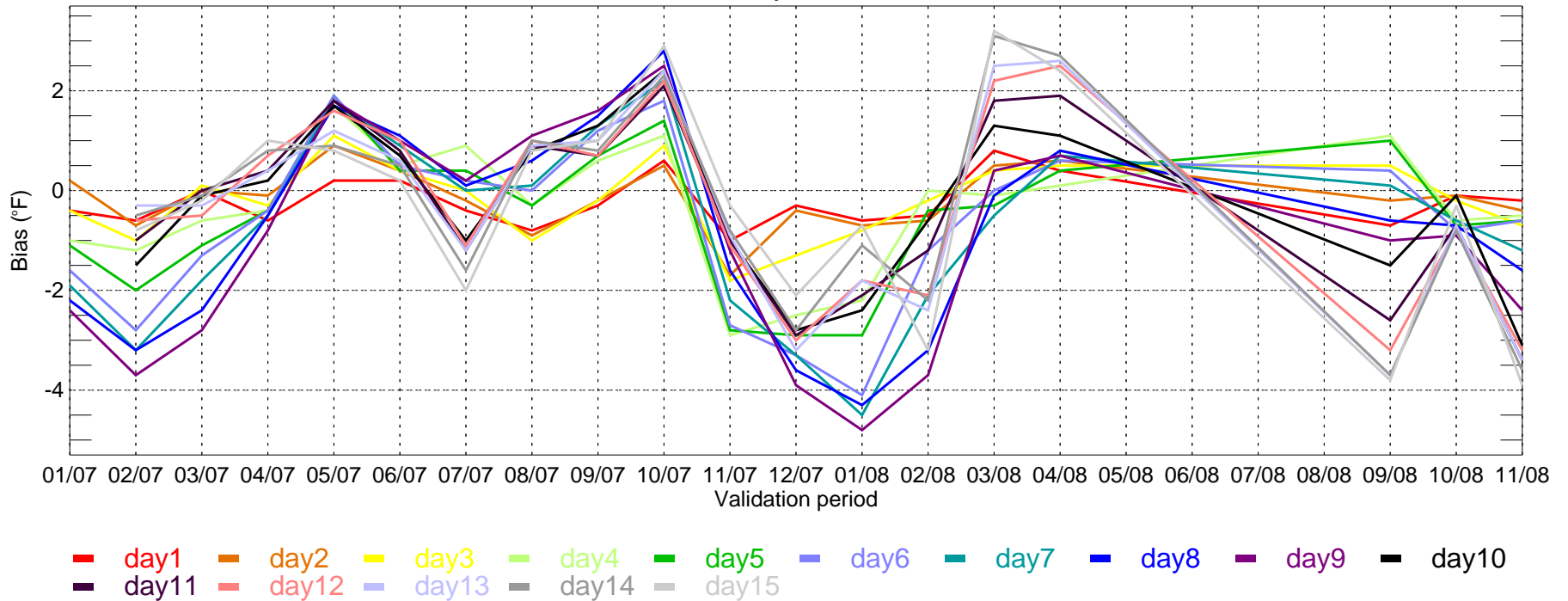
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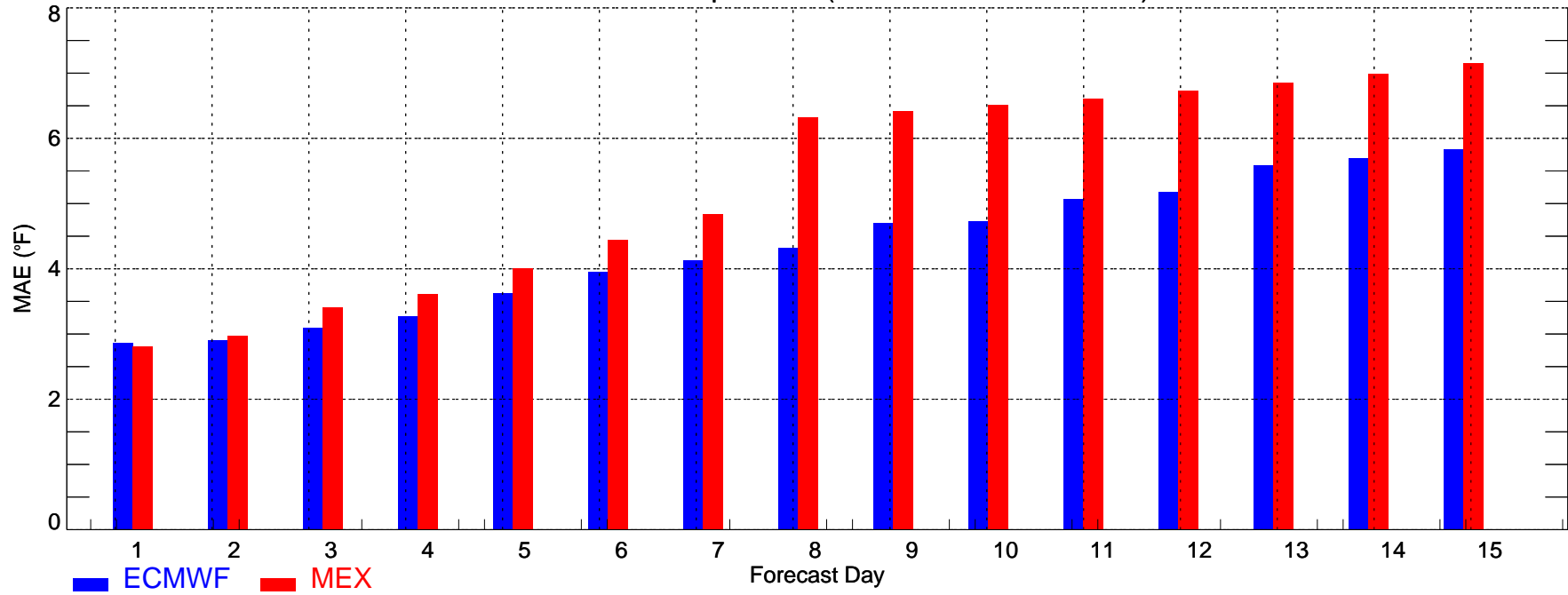
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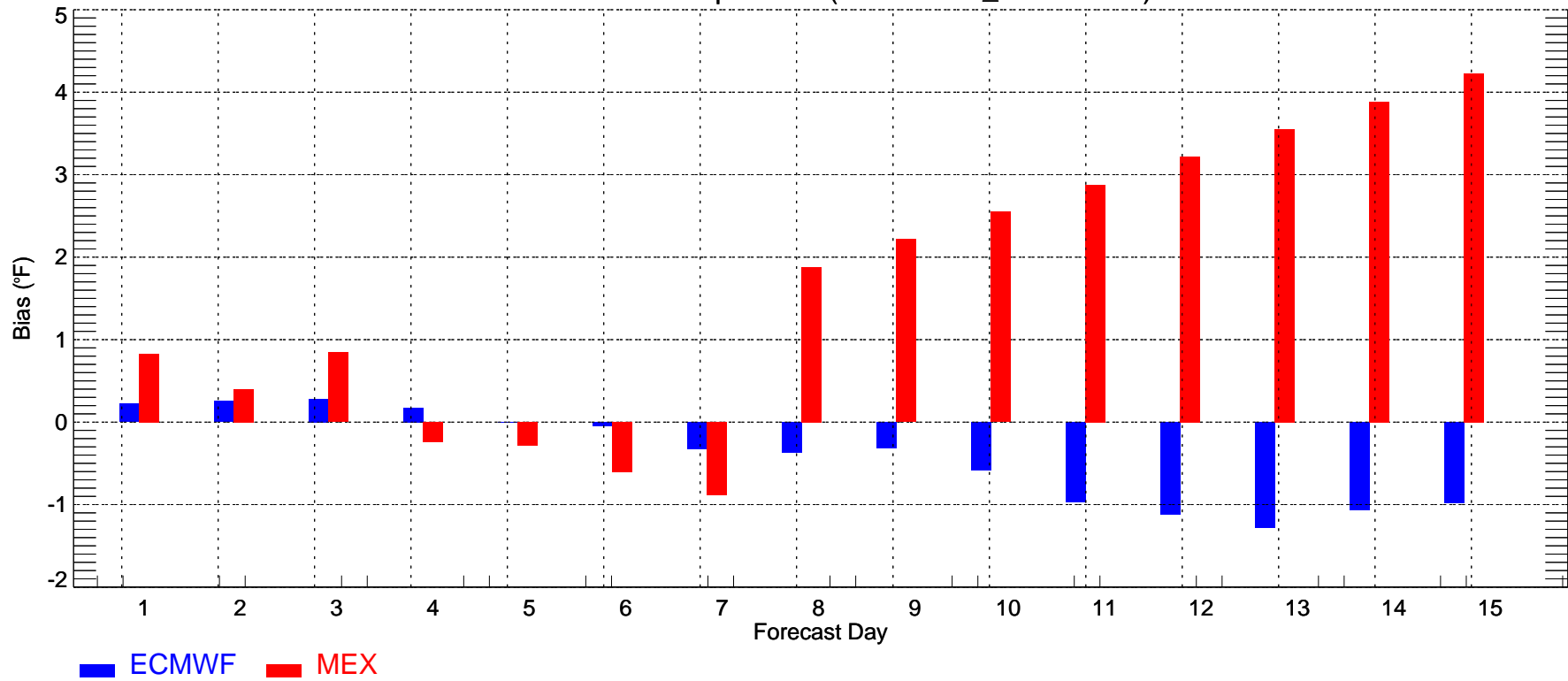
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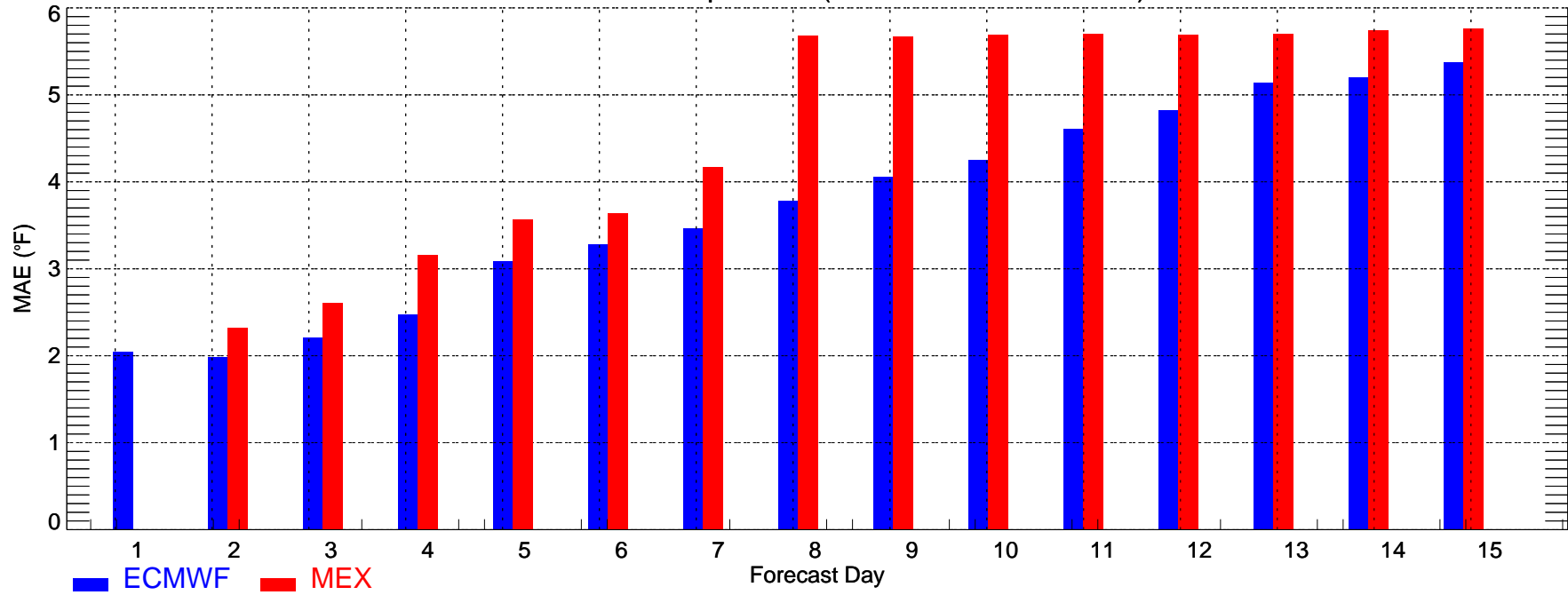
CUST2: Max Temperature (2008-11-01_2008-11-30)



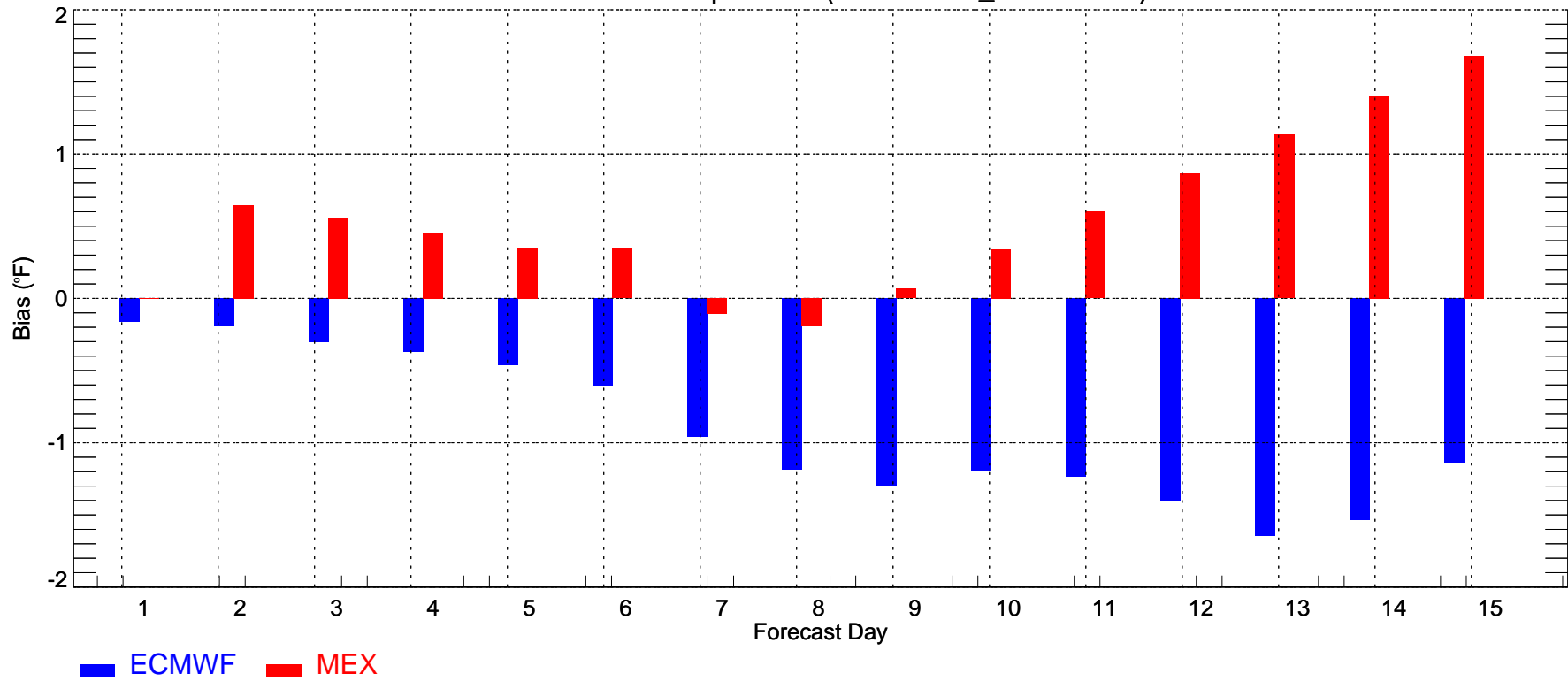
CUST2: Max Temperature (2008-11-01_2008-11-30)



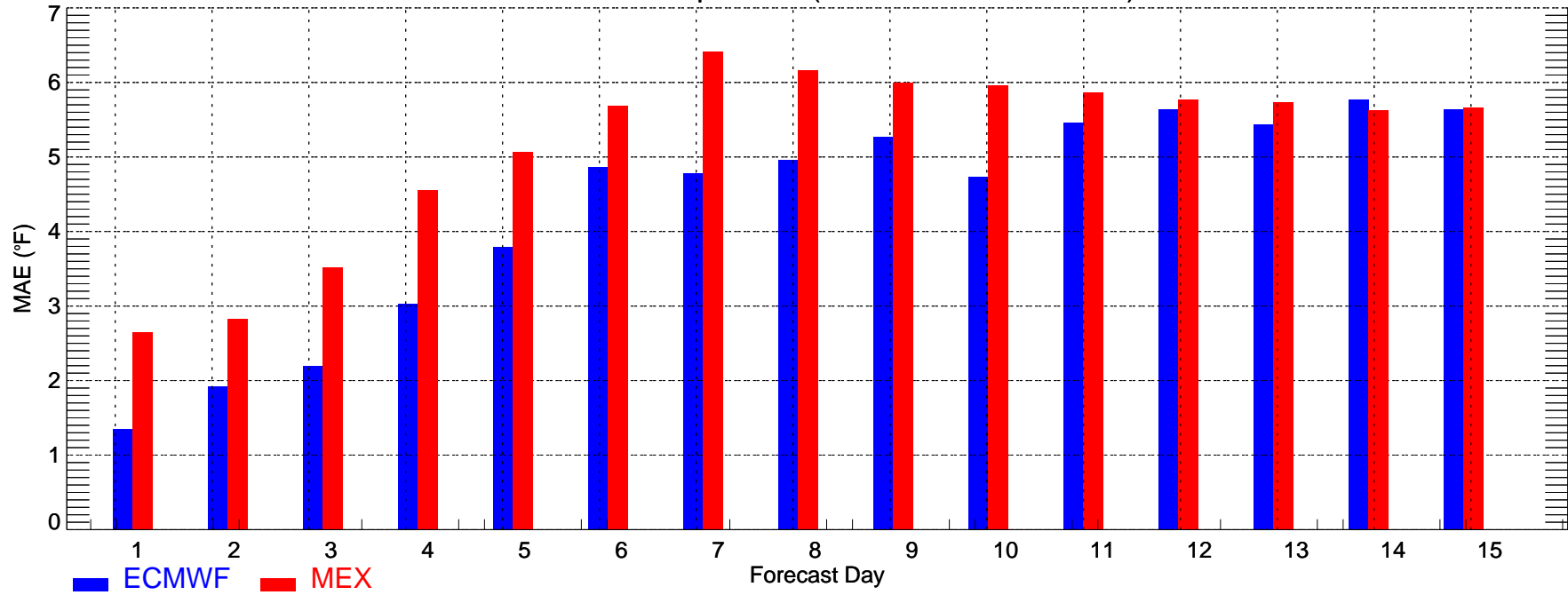
CUST2: Min Temperature (2008-11-01_2008-11-30)



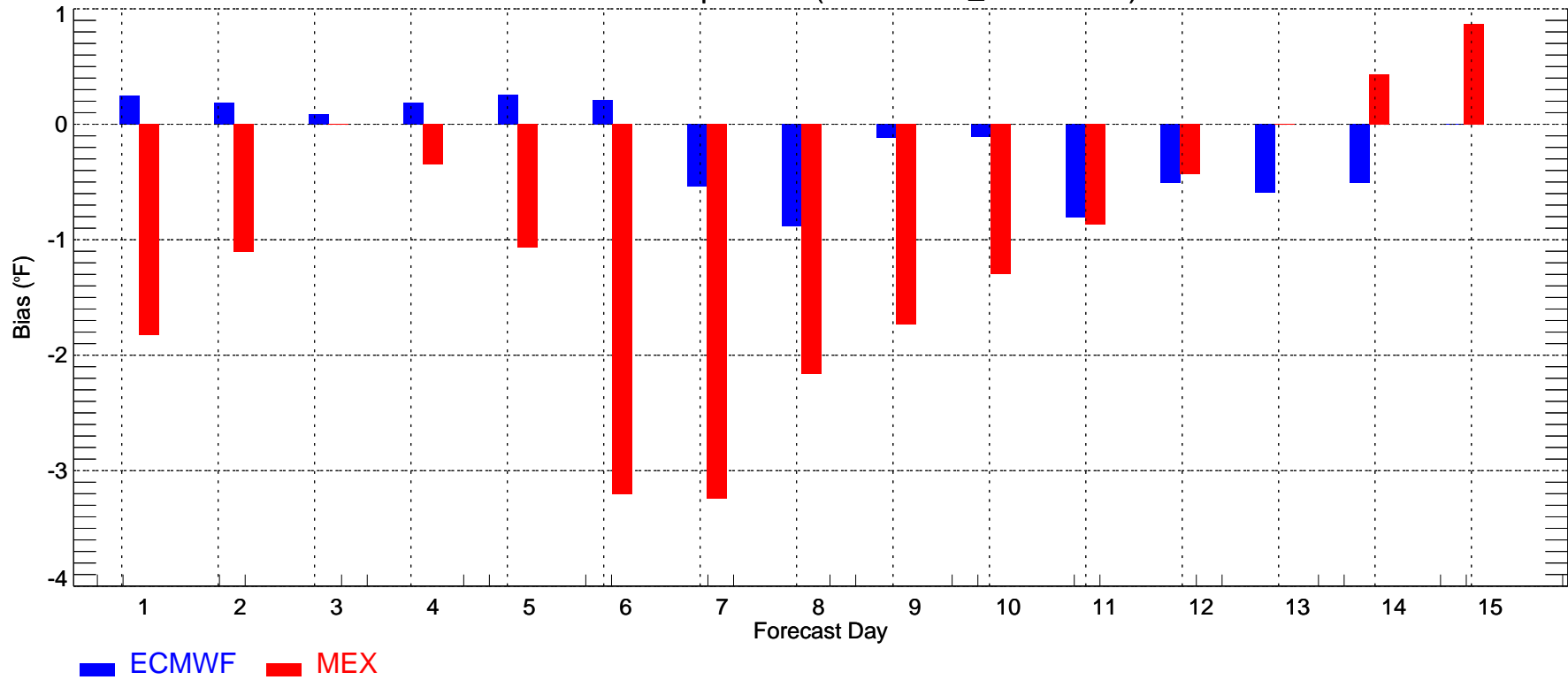
CUST2: Min Temperature (2008-11-01_2008-11-30)



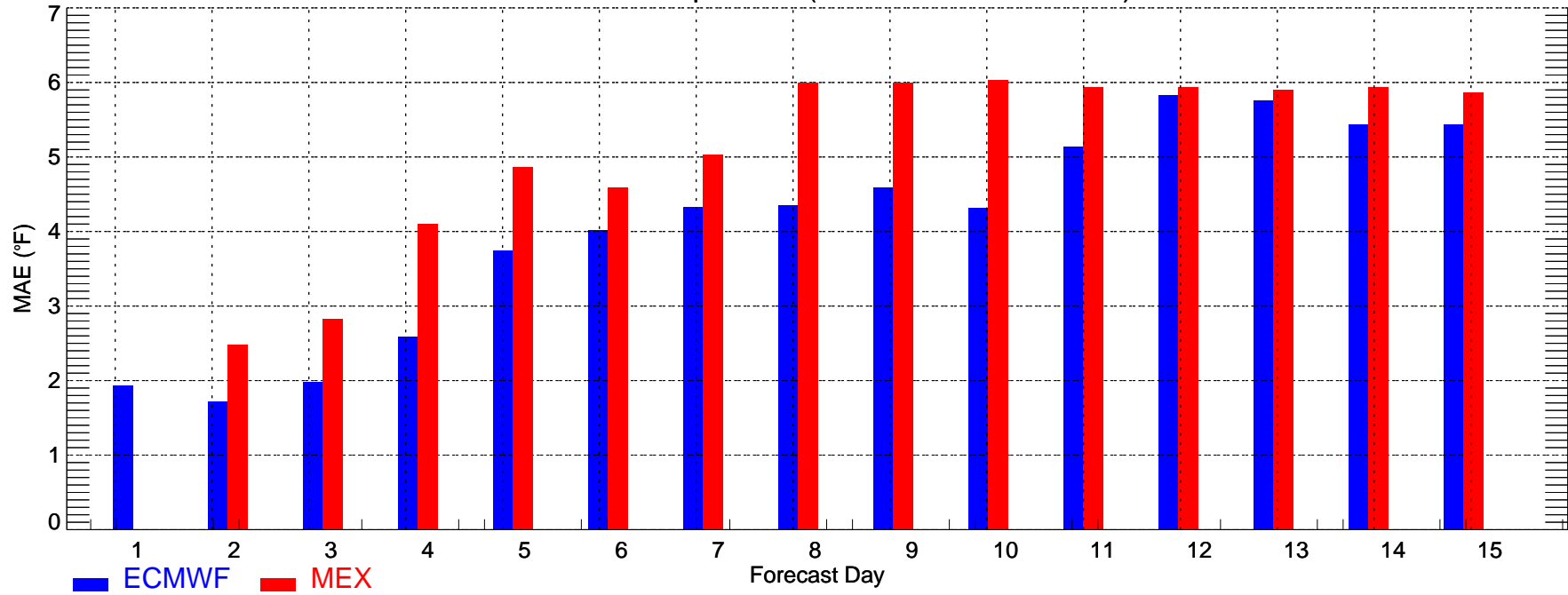
DFW: Max Temperature (2008-11-01_2008-11-30)



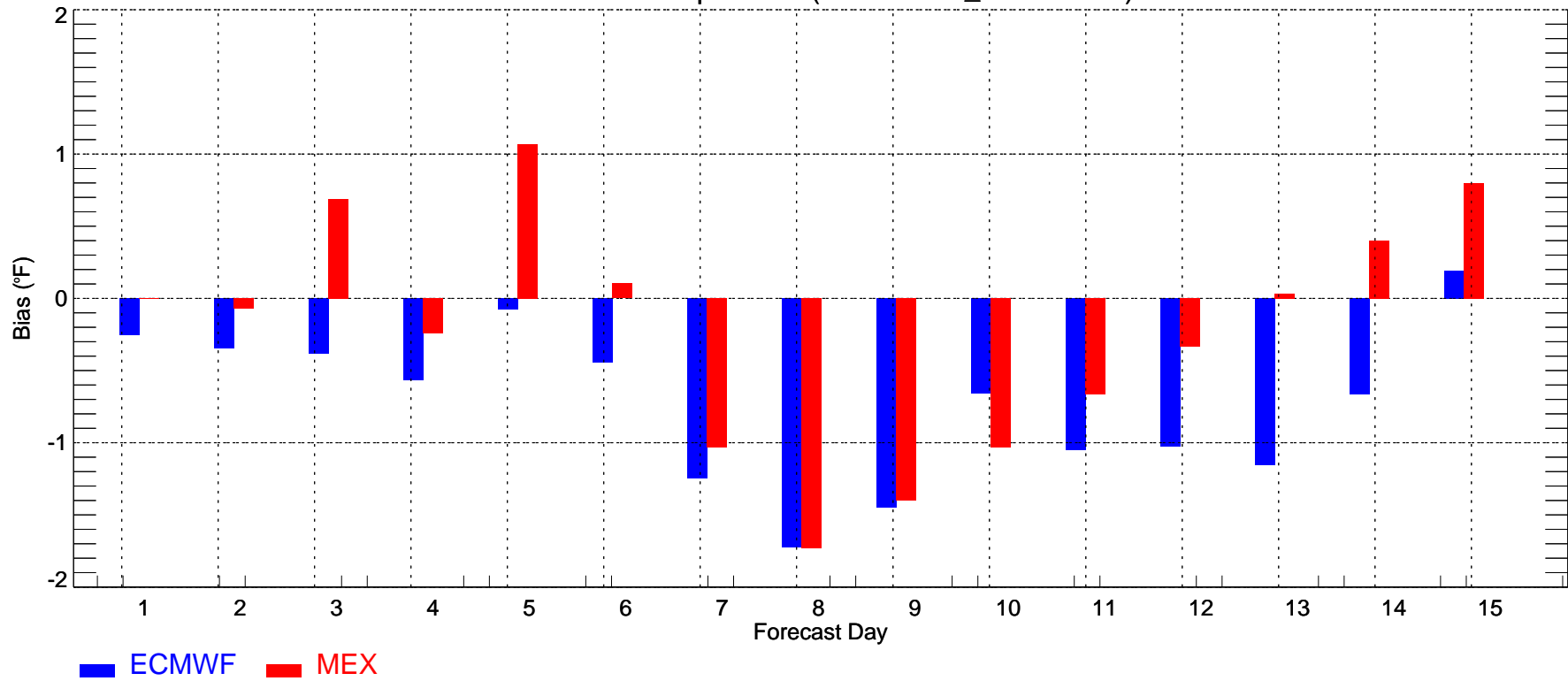
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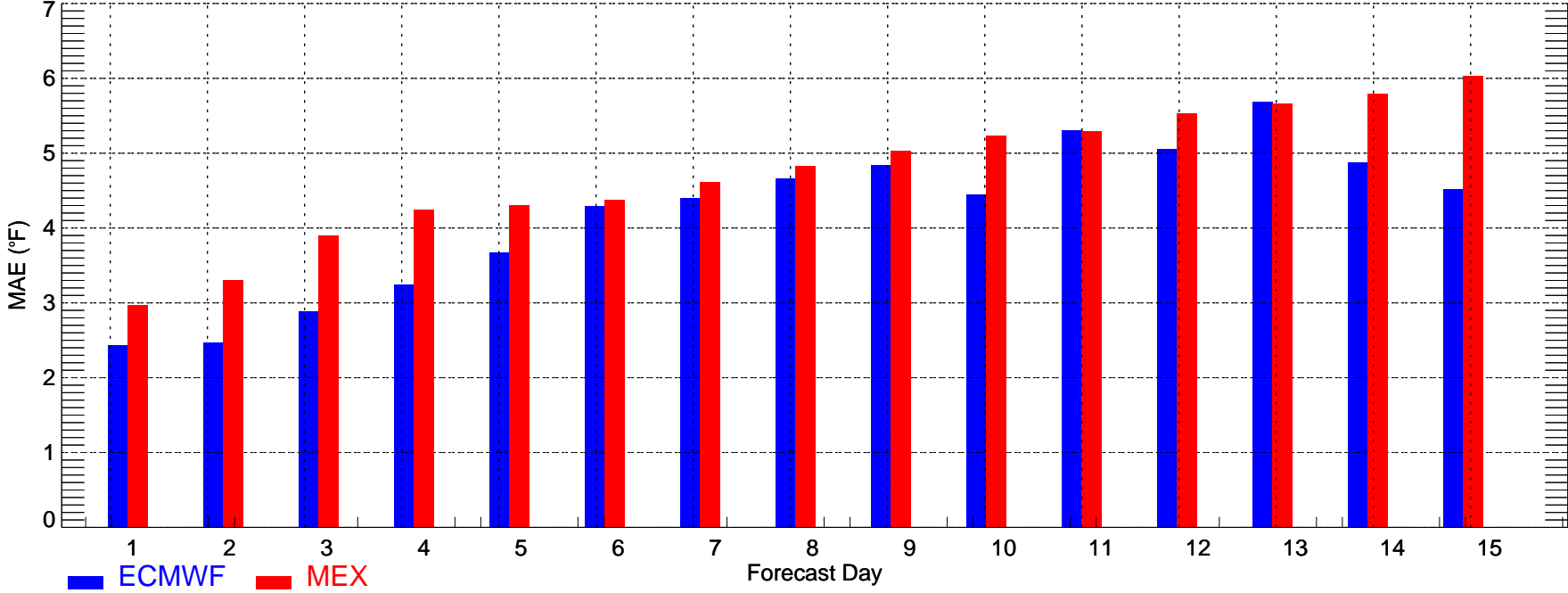
DFW: Min Temperature (2008-11-01_2008-11-30)



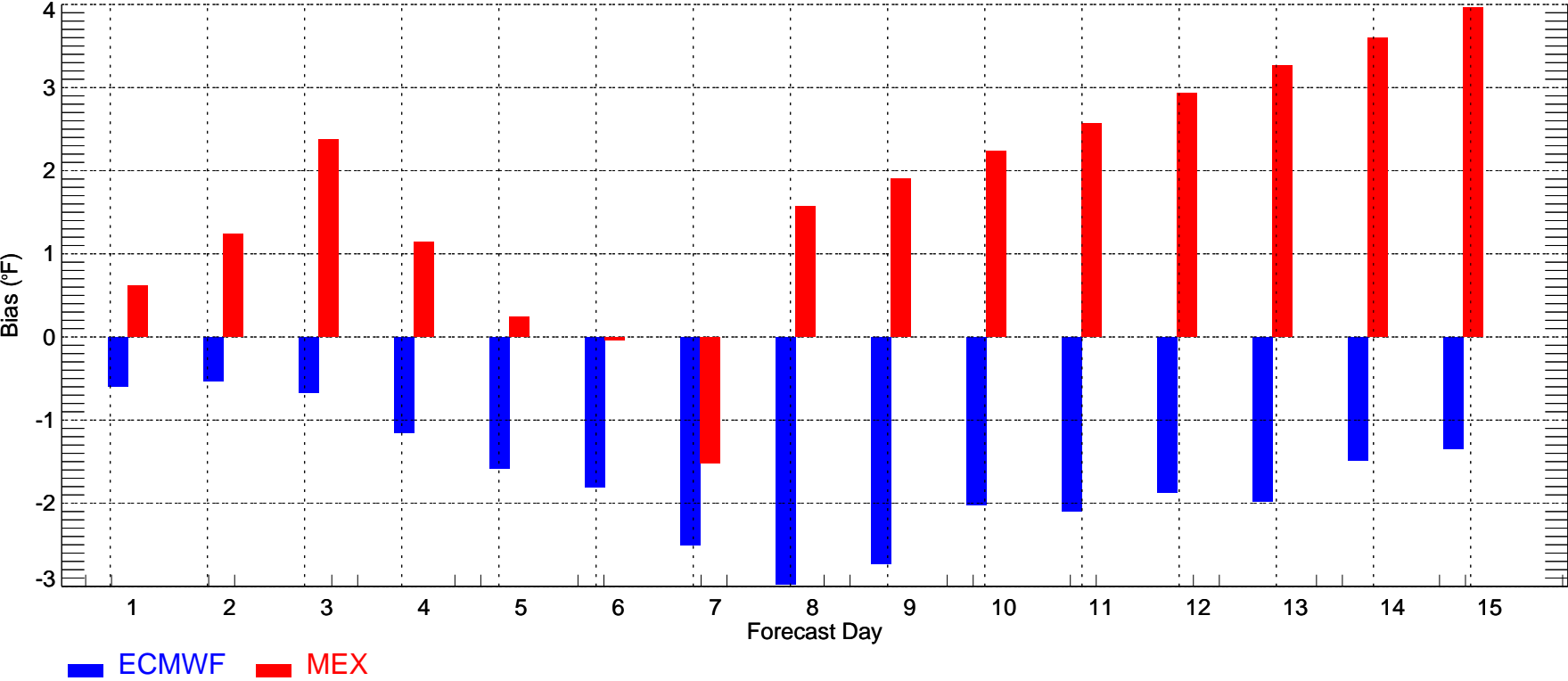
DFW: Min Temperature (2008-11-01_2008-11-30)



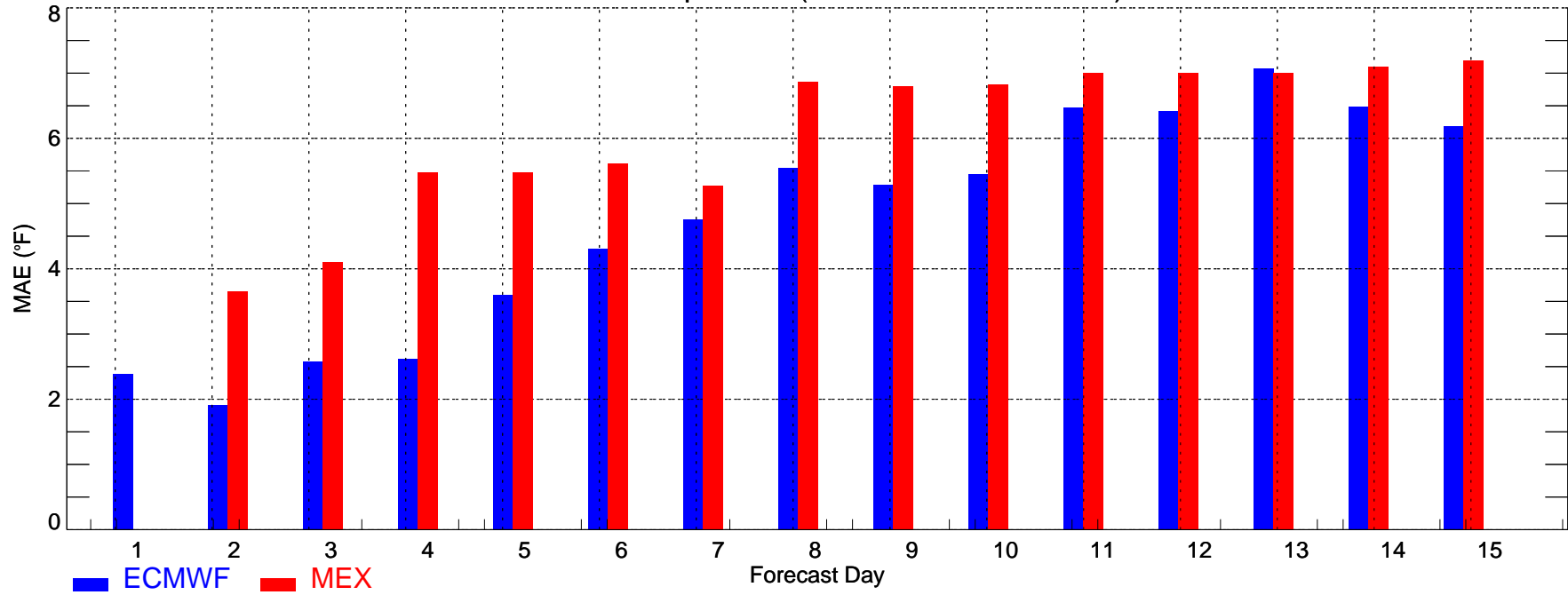
IAH: Max Temperature (2008-11-01_2008-11-30)



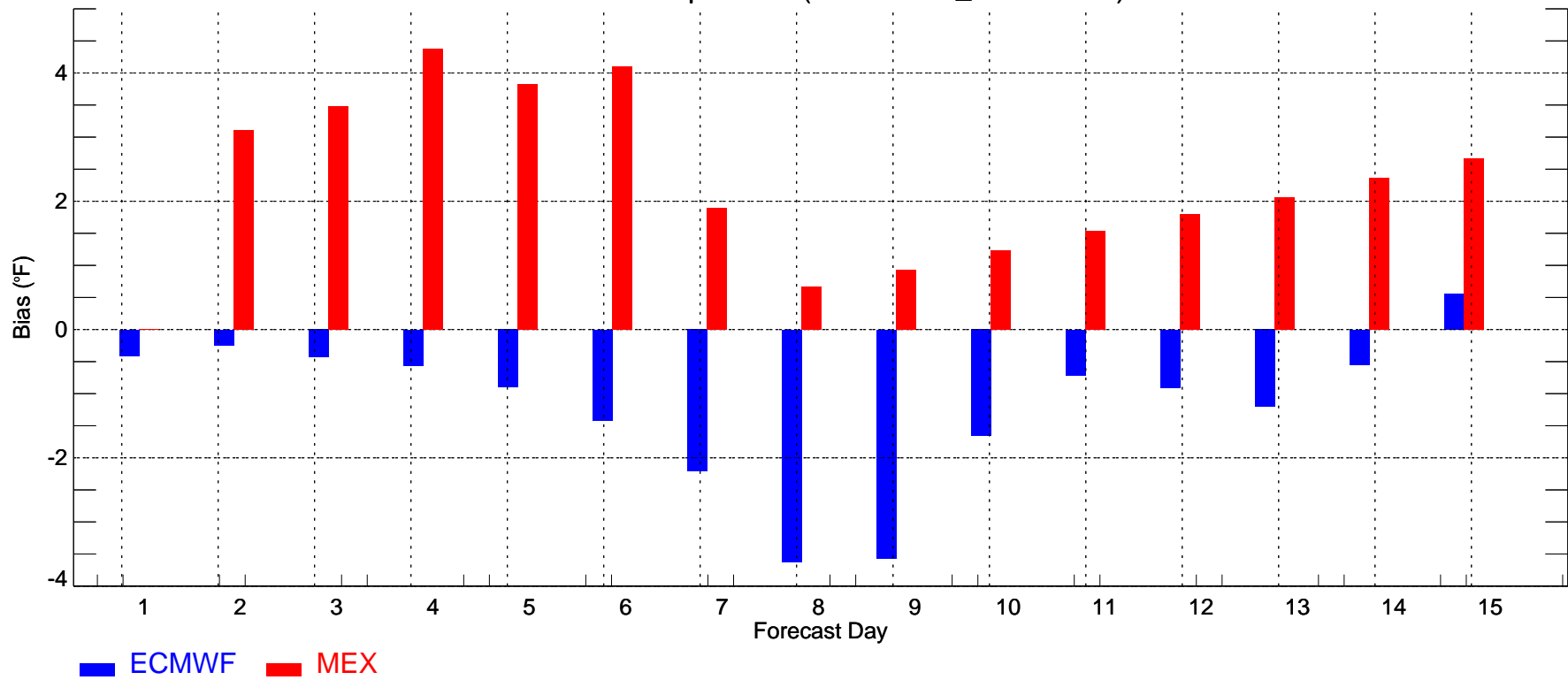
IAH: Max Temperature (2008-11-01_2008-11-30)



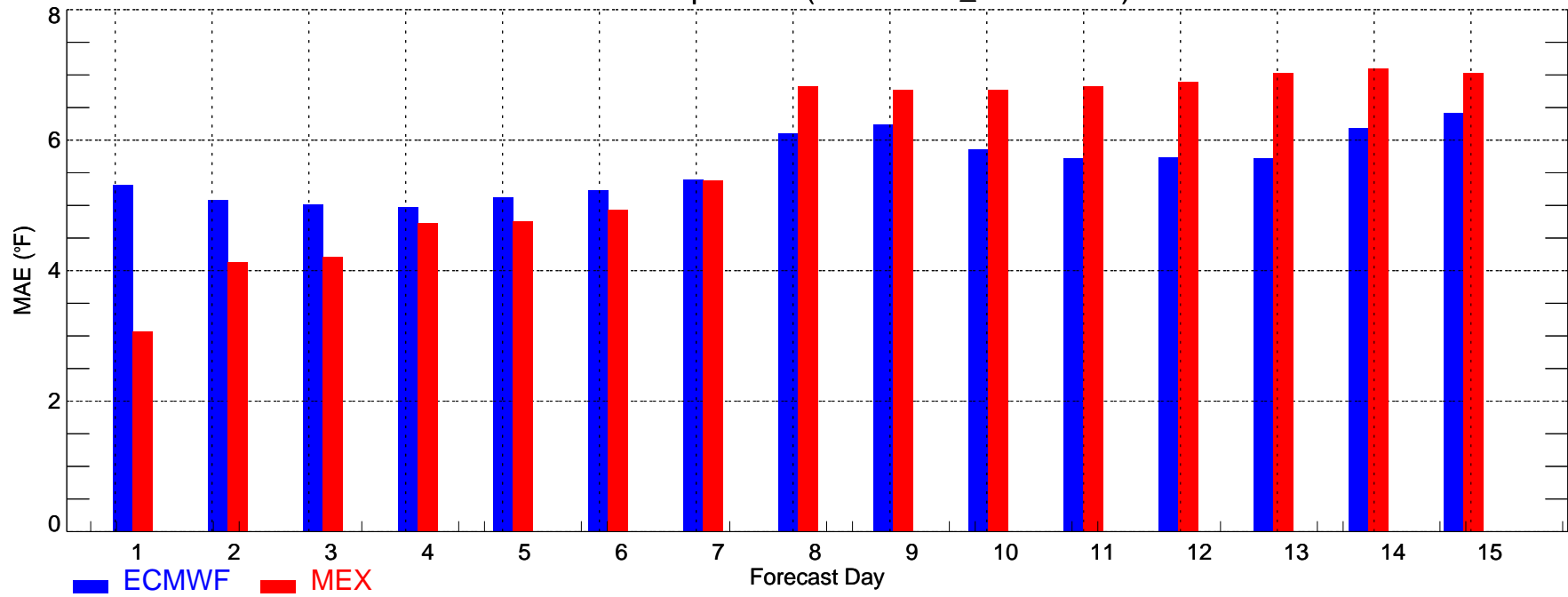
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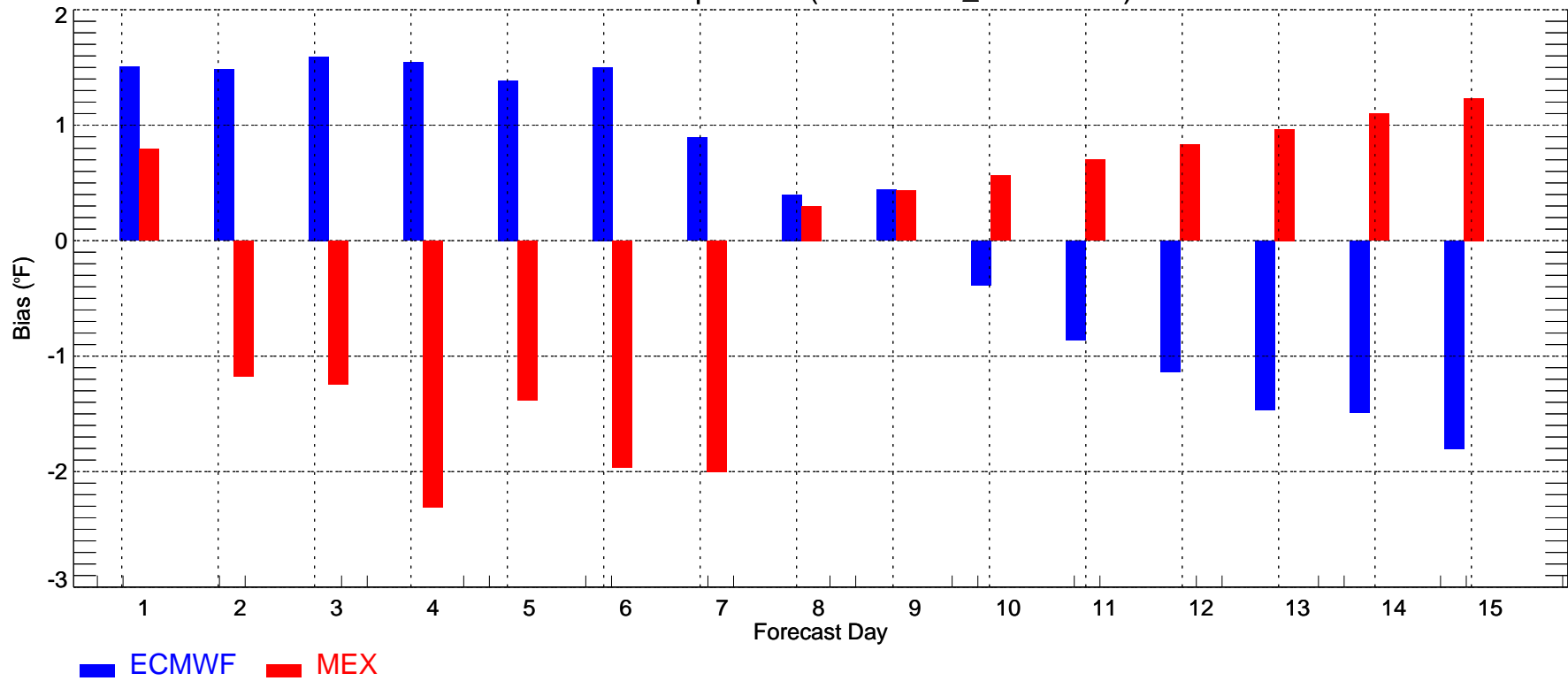
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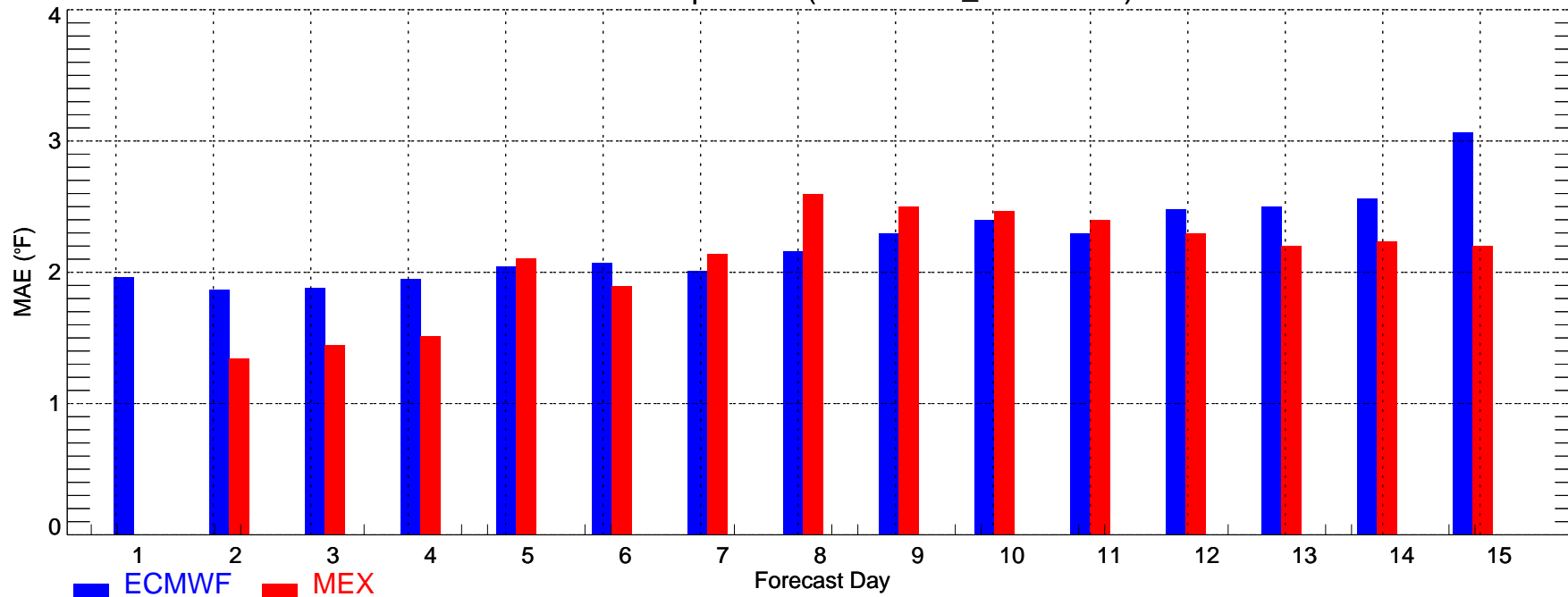
LAX: Max Temperature (2008-11-01_2008-11-30)



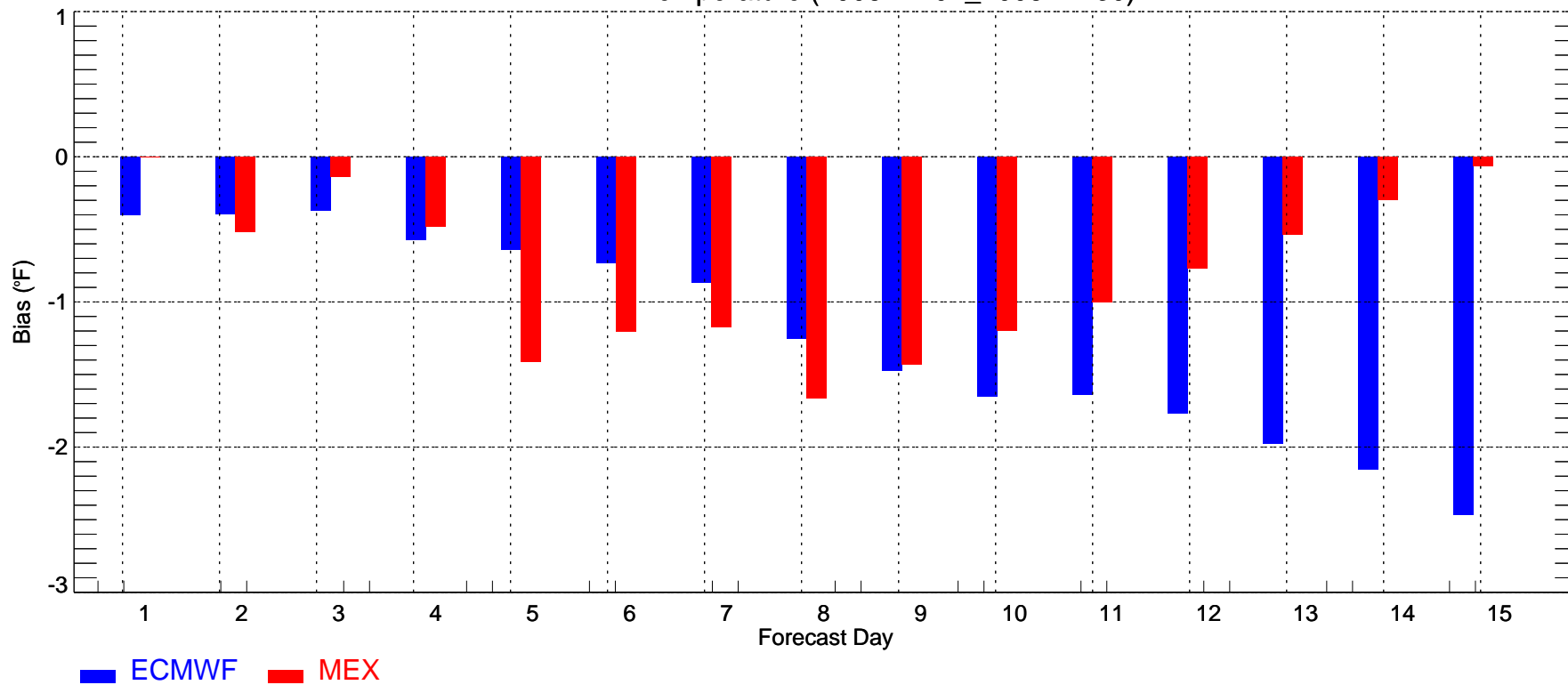
LAX: Max Temperature (2008-11-01_2008-11-30)



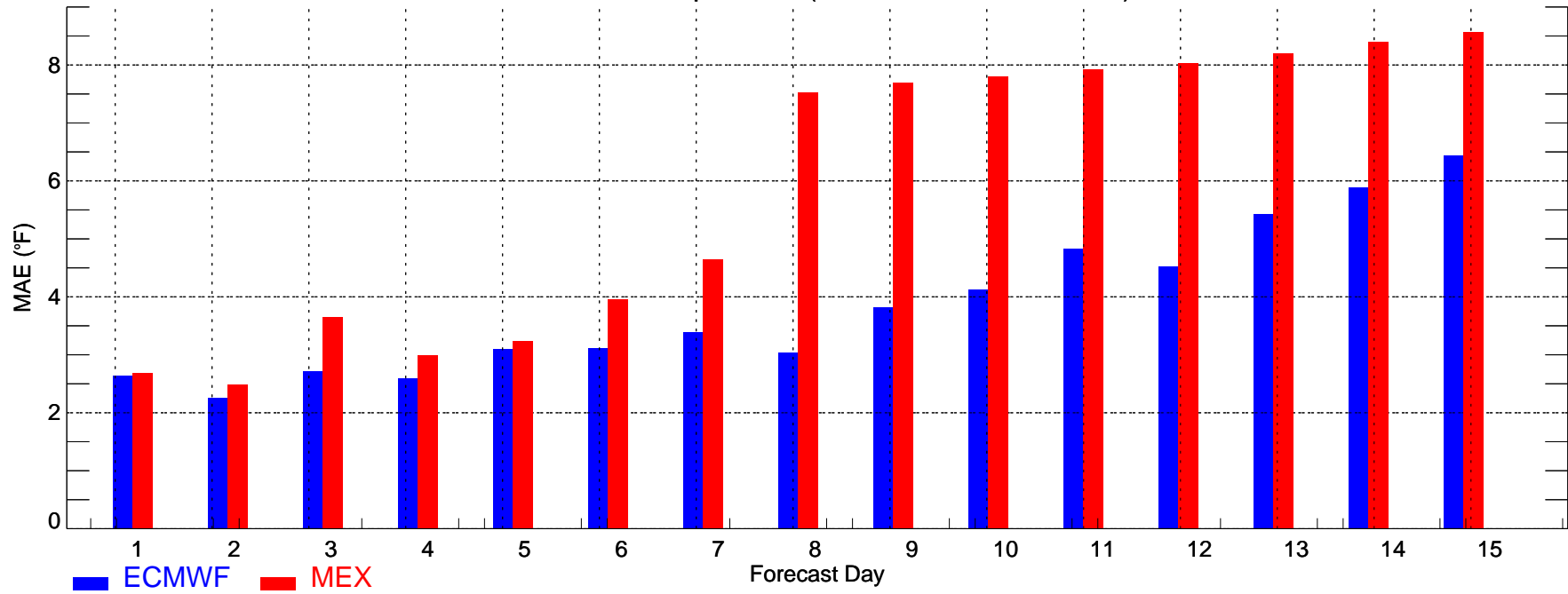
LAX: Min Temperature (2008-11-01_2008-11-30)



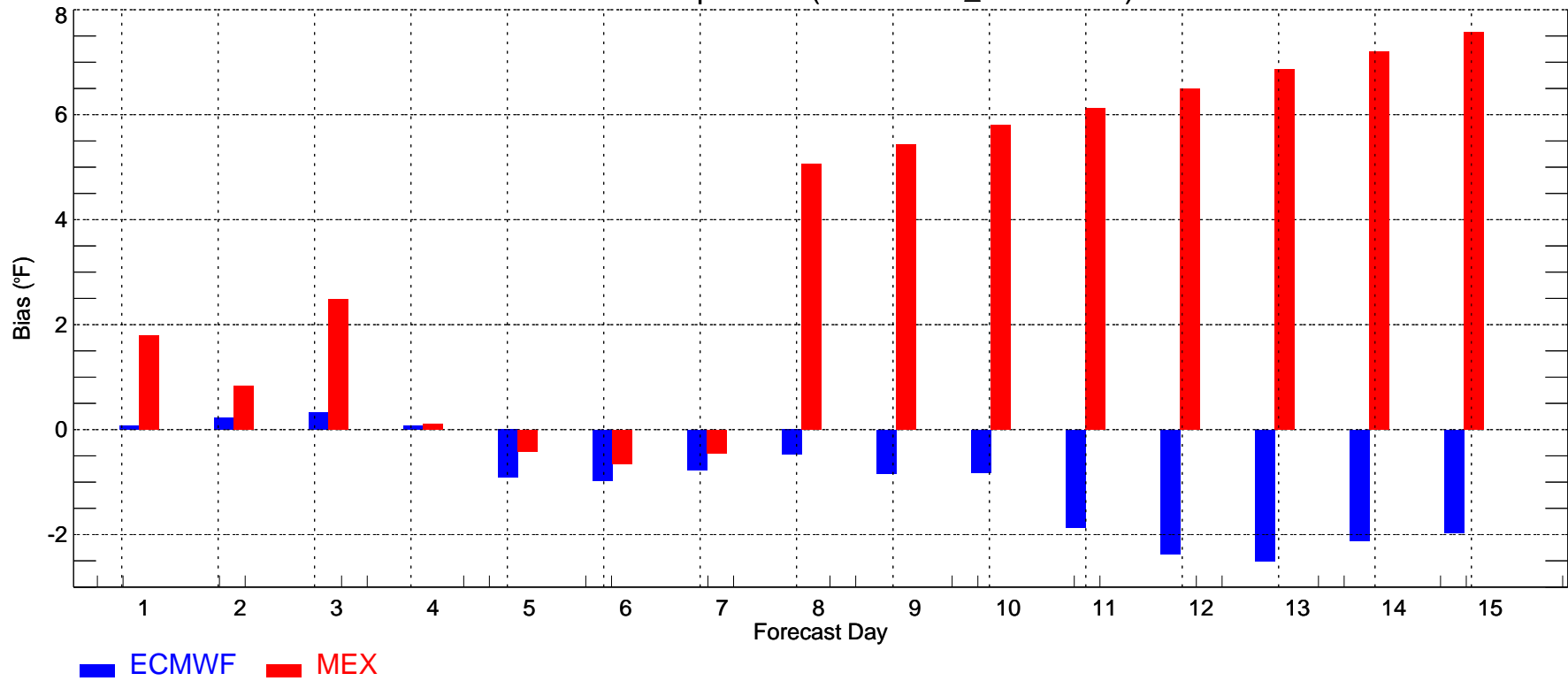
LAX: Min Temperature (2008-11-01_2008-11-30)



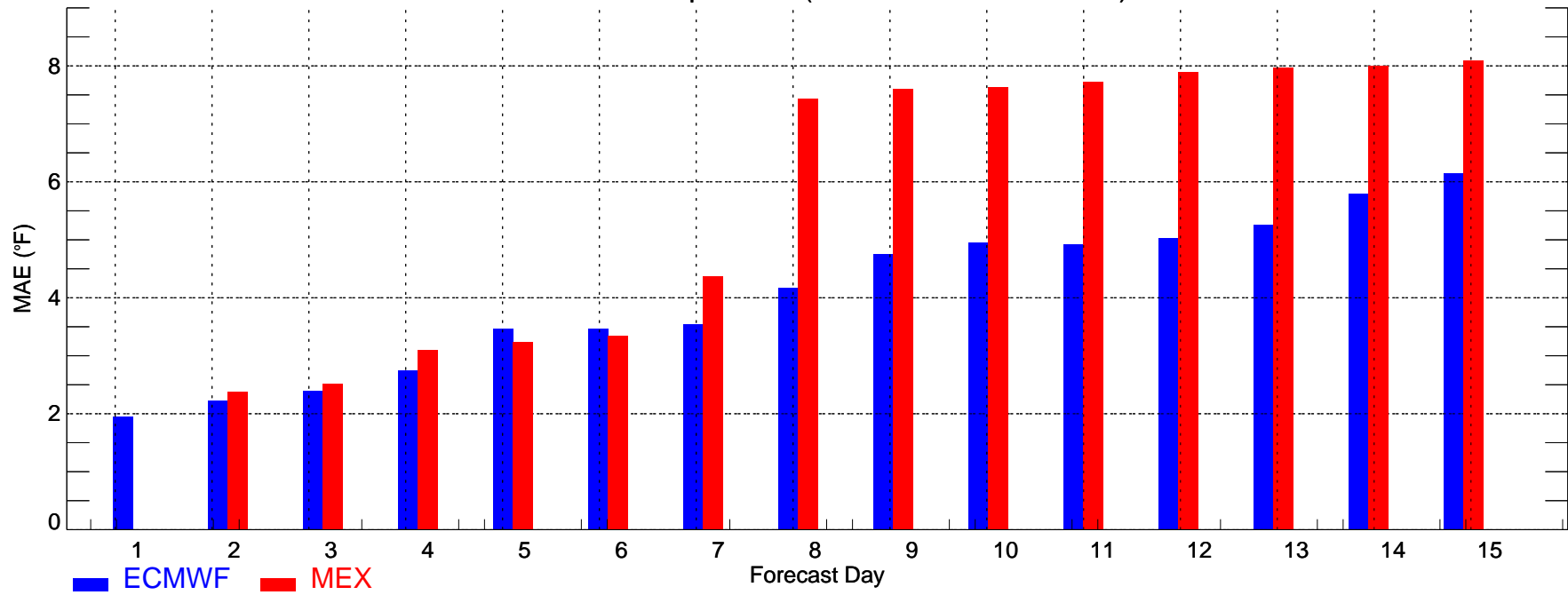
LGA: Max Temperature (2008-11-01_2008-11-30)



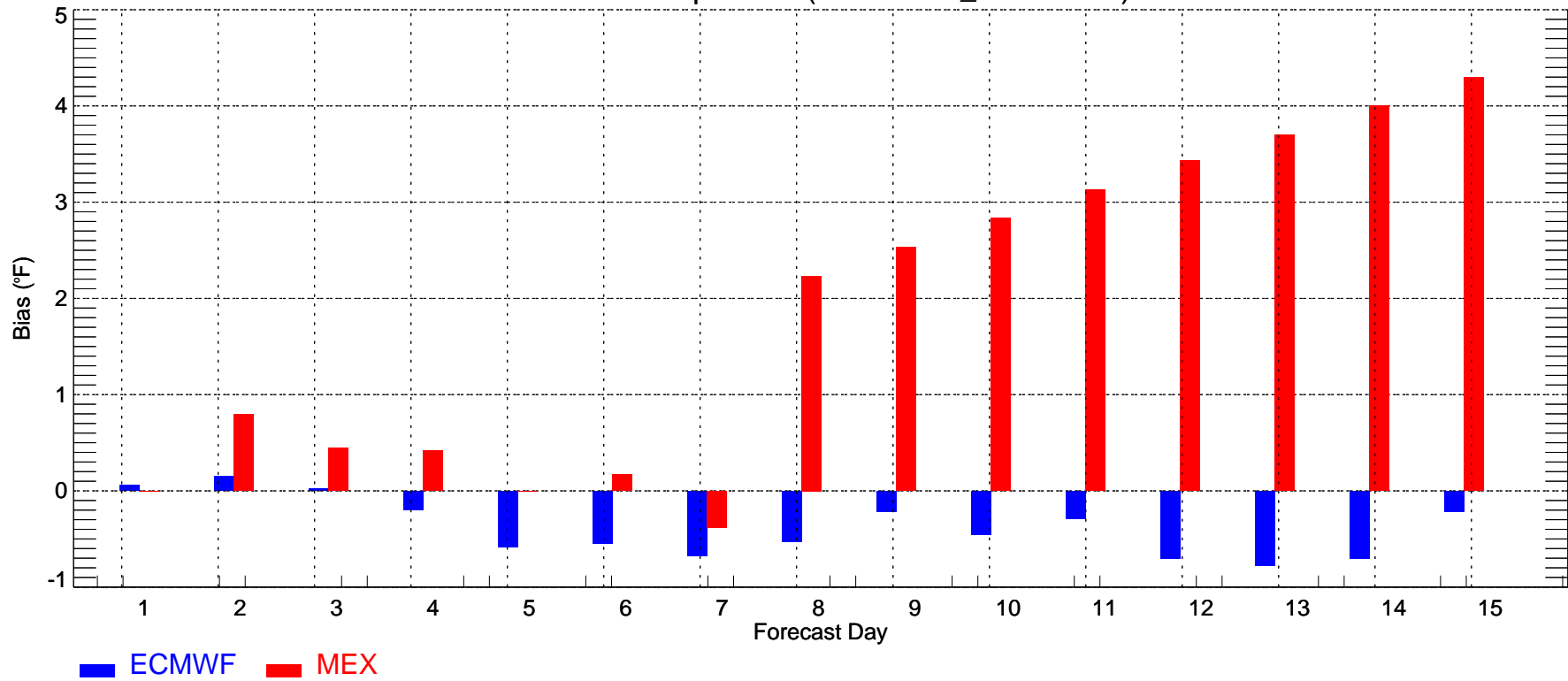
LGA: Max Temperature (2008-11-01_2008-11-30)



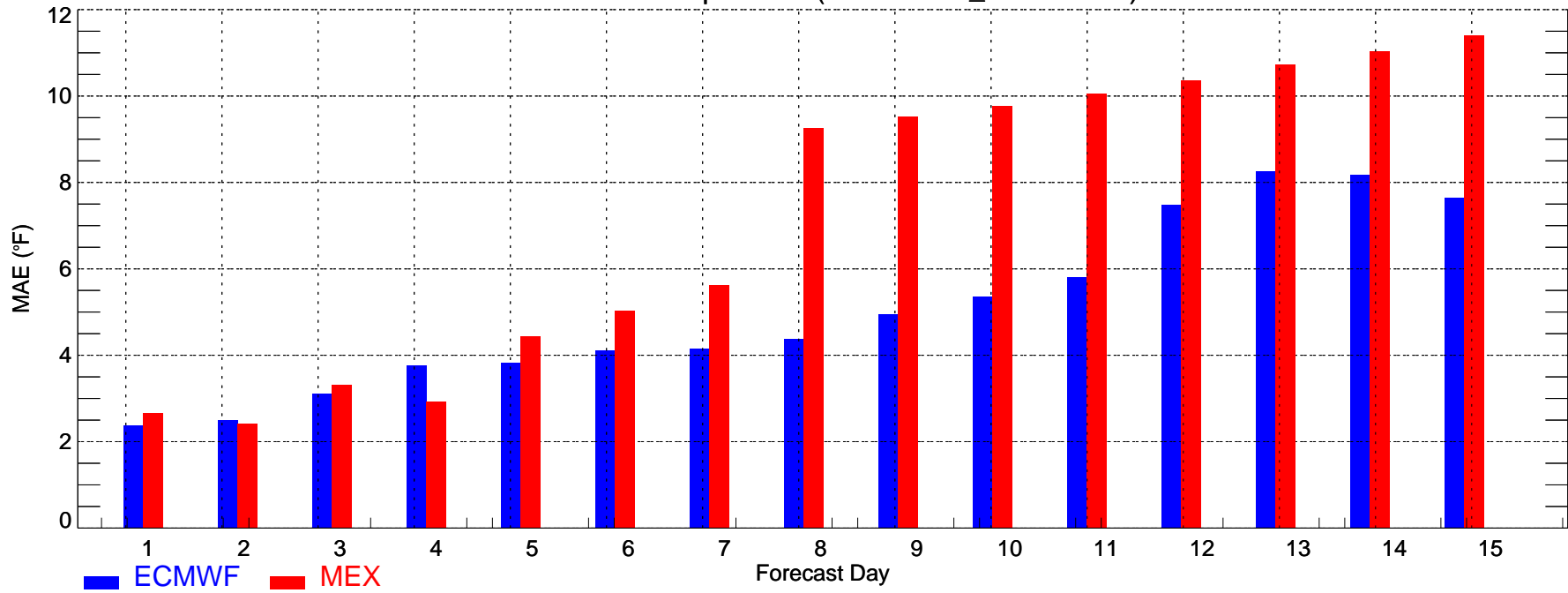
LGA: Min Temperature (2008-11-01_2008-11-30)



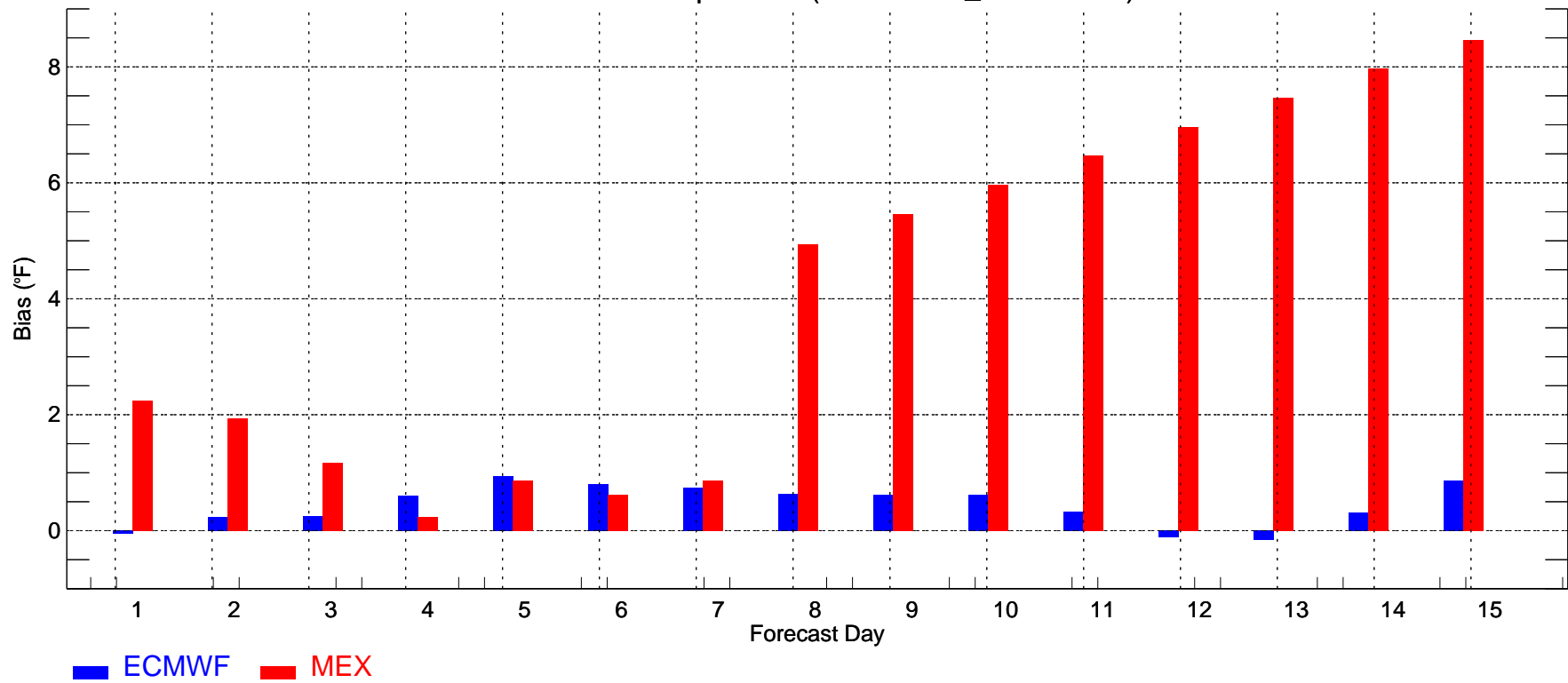
LGA: Min Temperature (2008-11-01_2008-11-30)



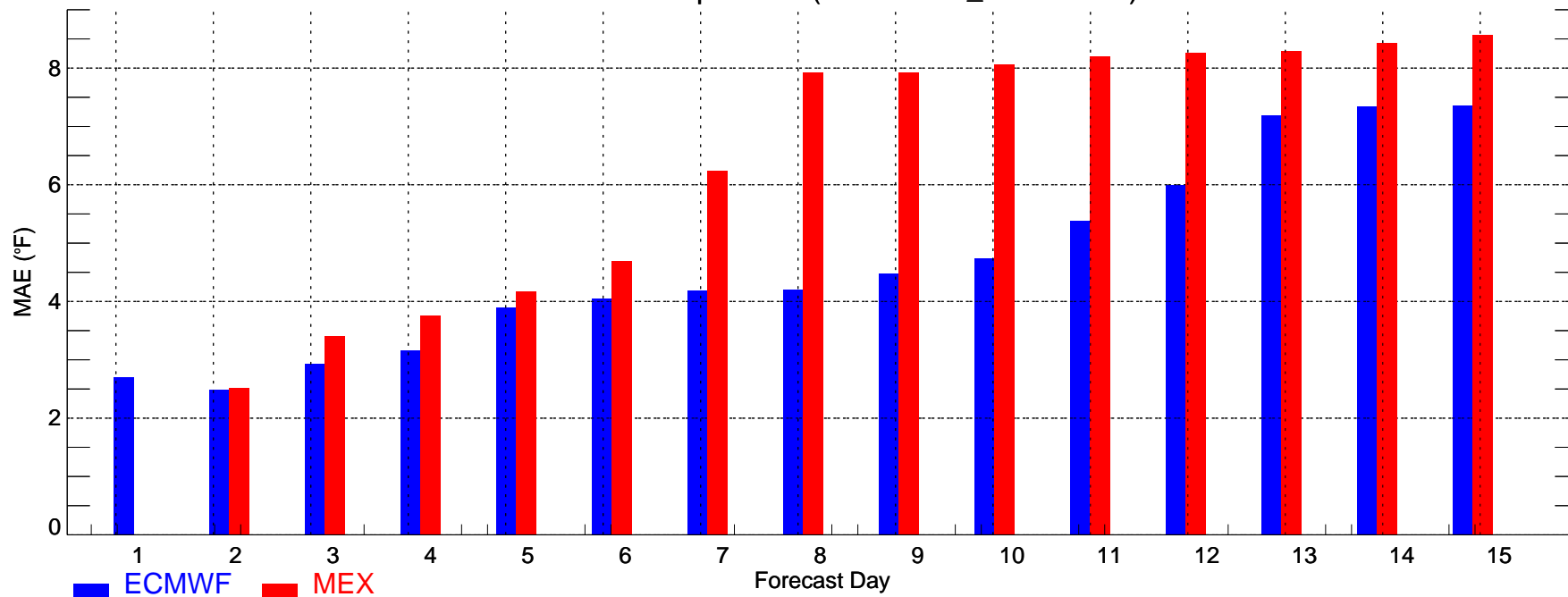
ORD: Max Temperature (2008-11-01_2008-11-30)



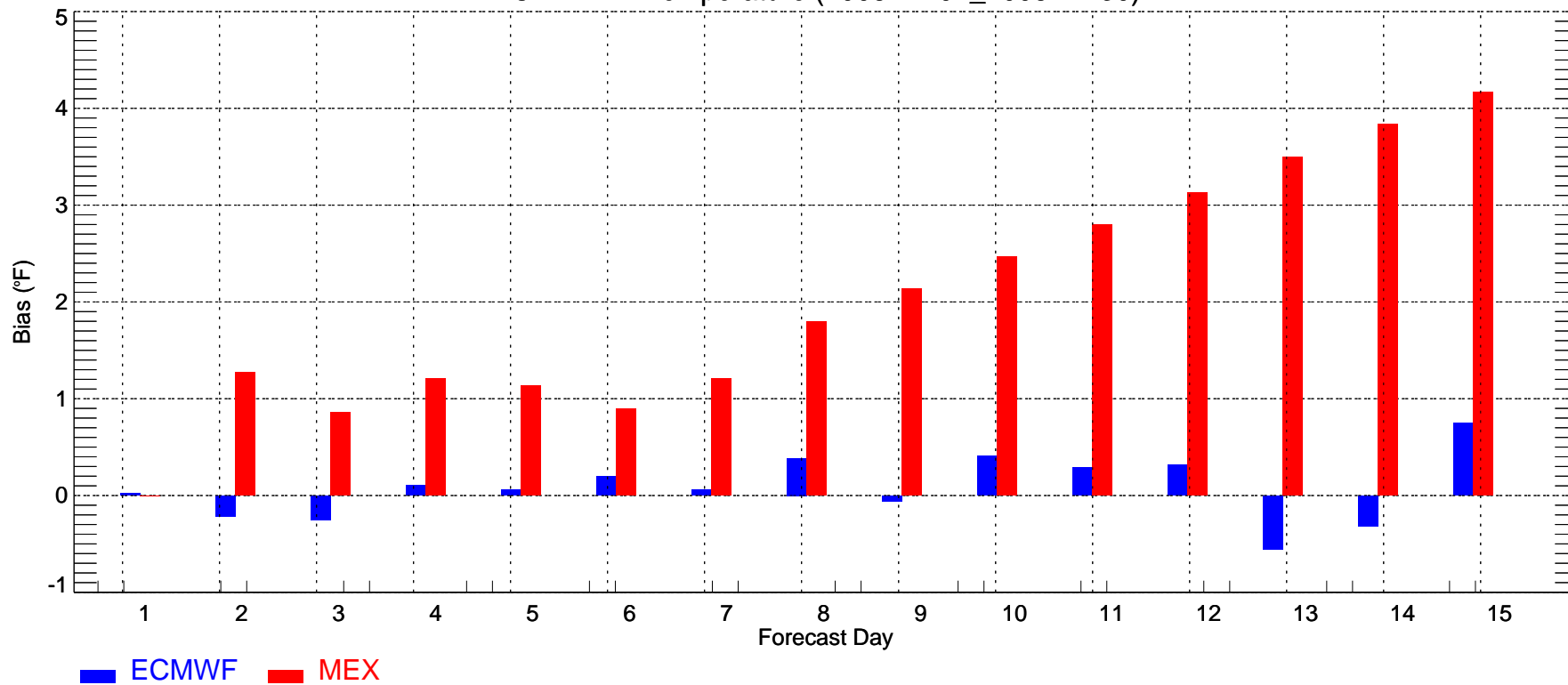
ORD: Max Temperature (2008-11-01_2008-11-30)



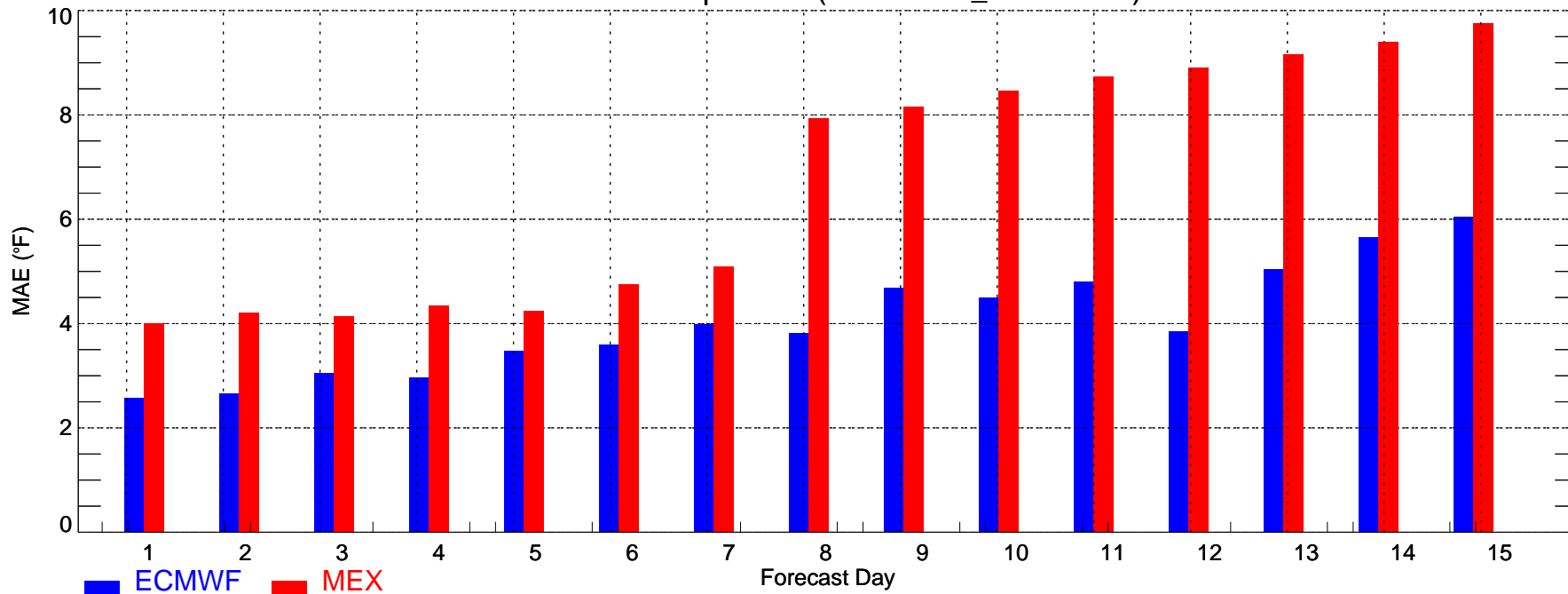
ORD: Min Temperature (2008-11-01_2008-11-30)



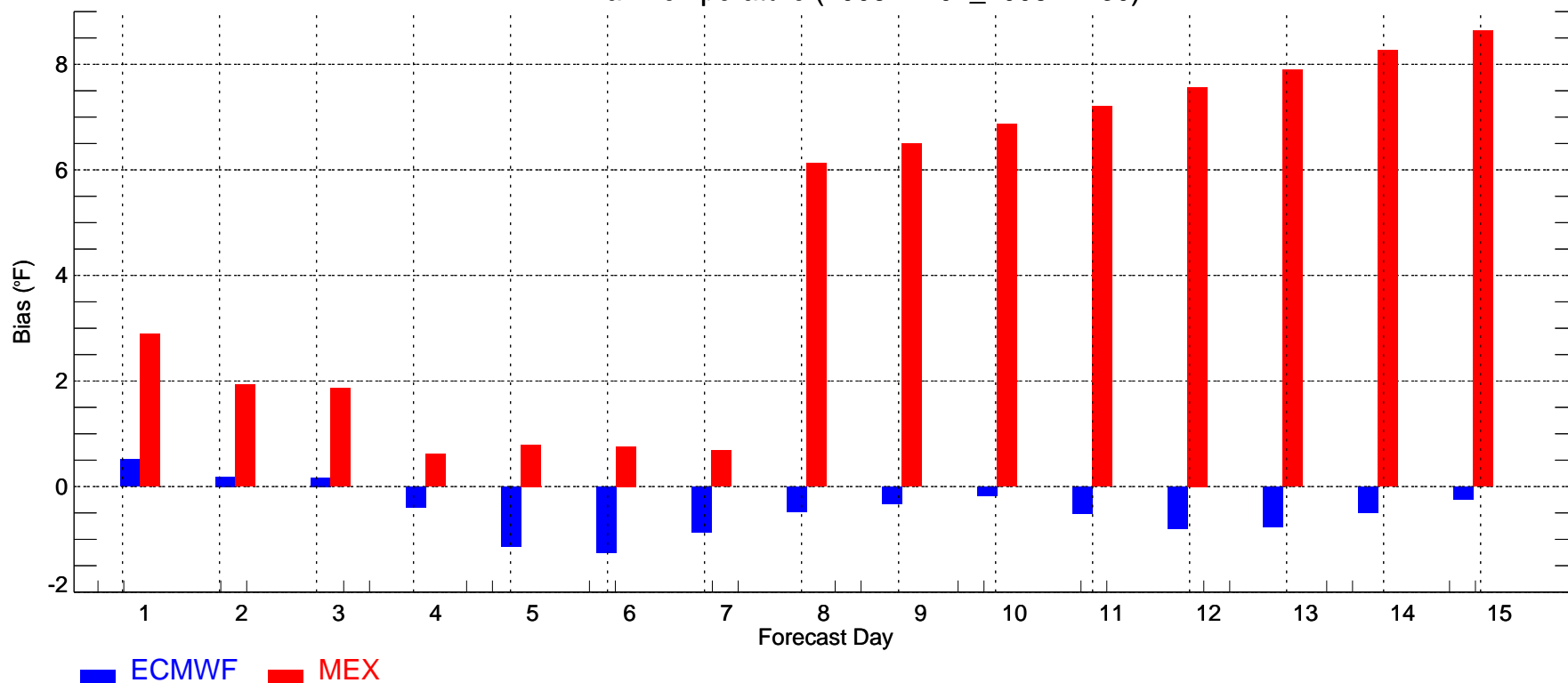
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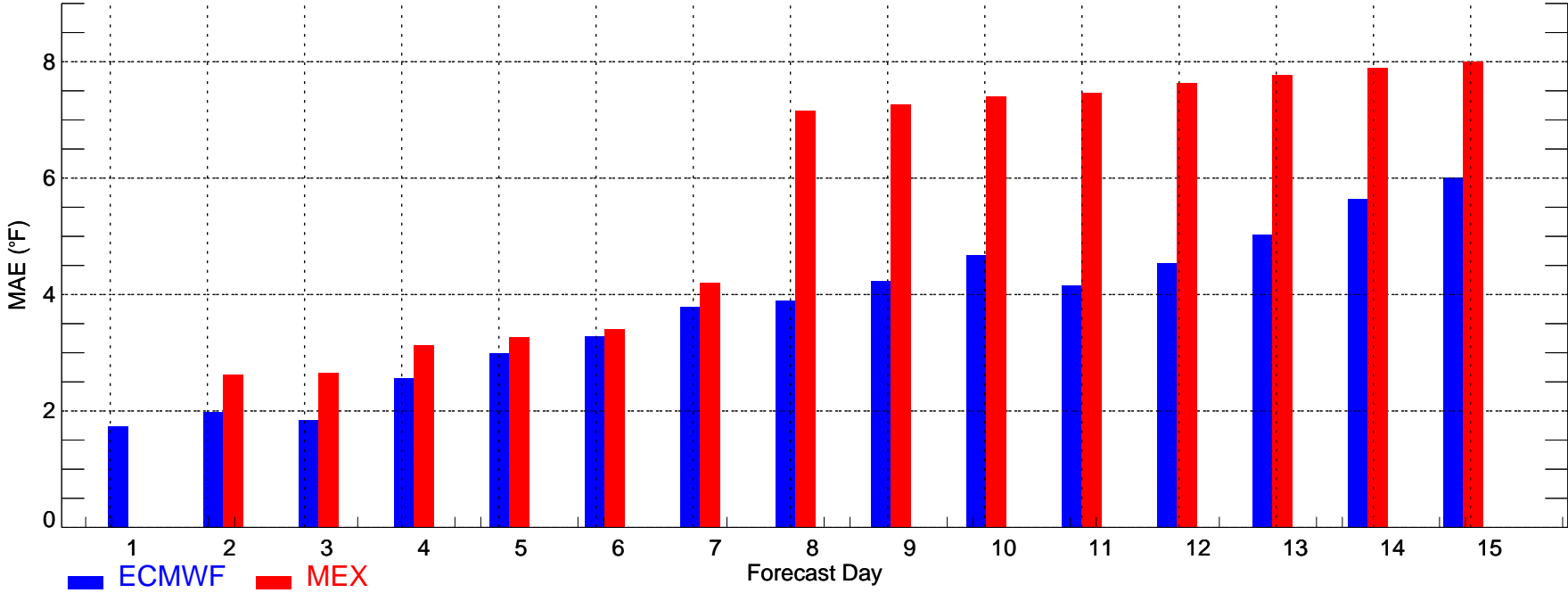
PHL: Max Temperature (2008-11-01_2008-11-30)



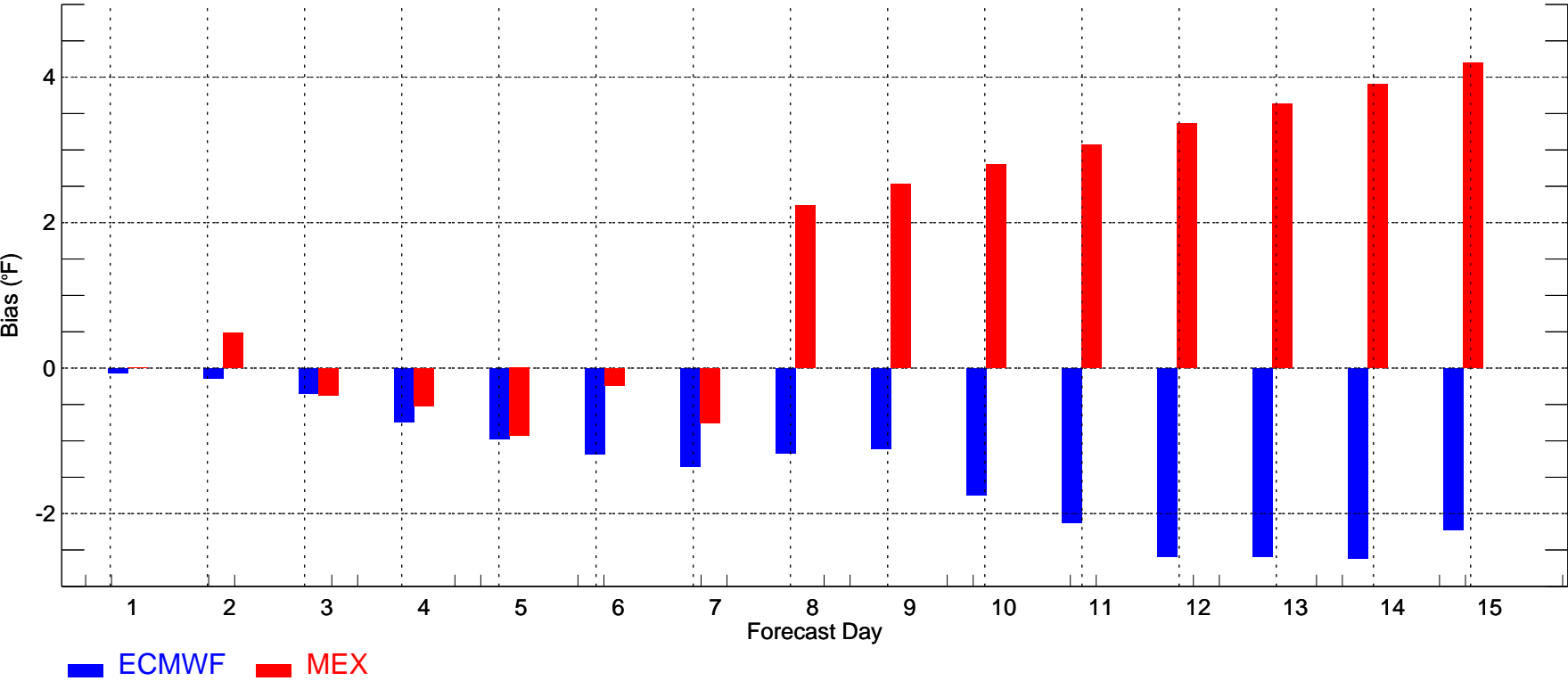
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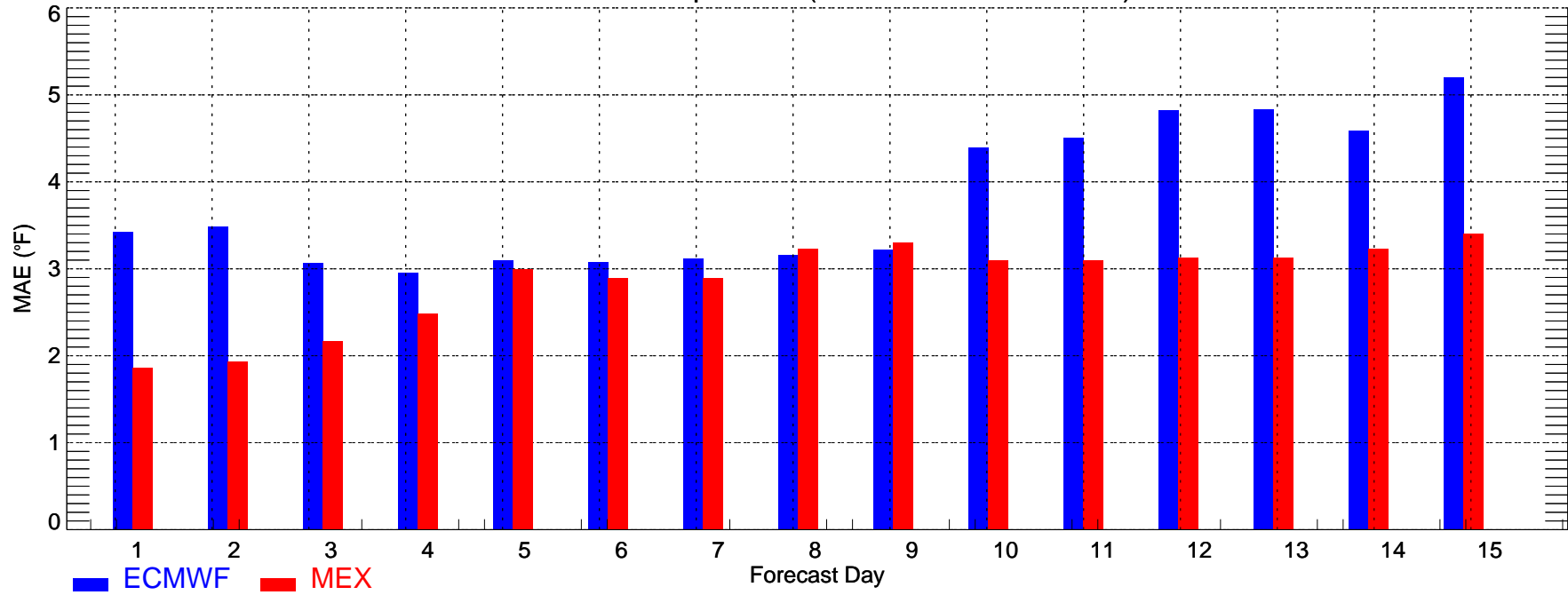
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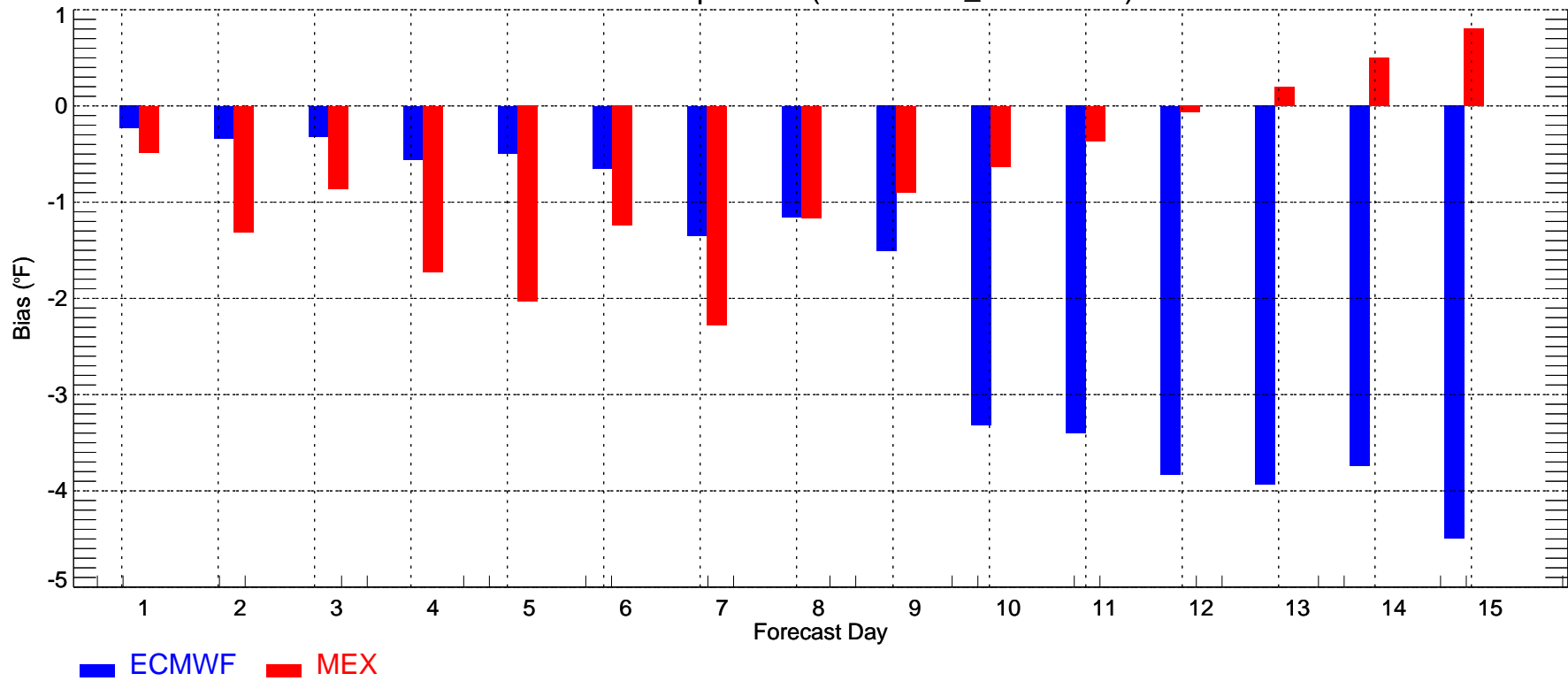
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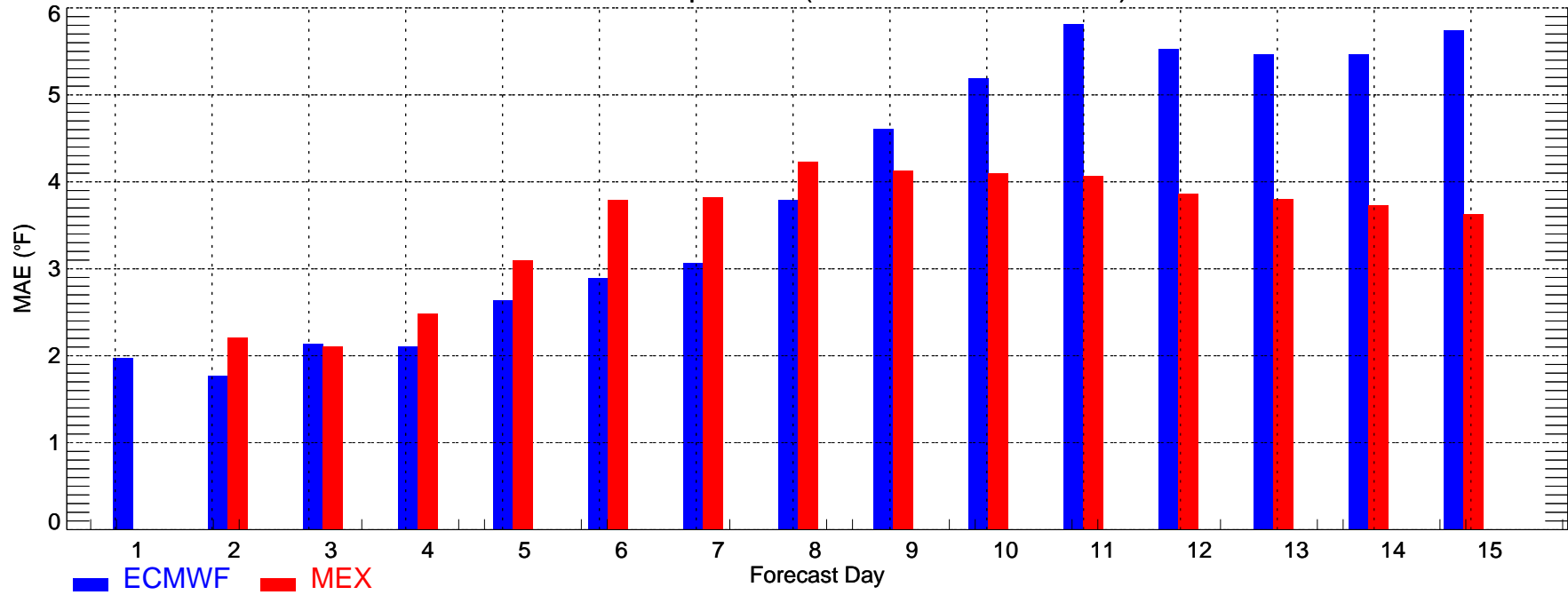
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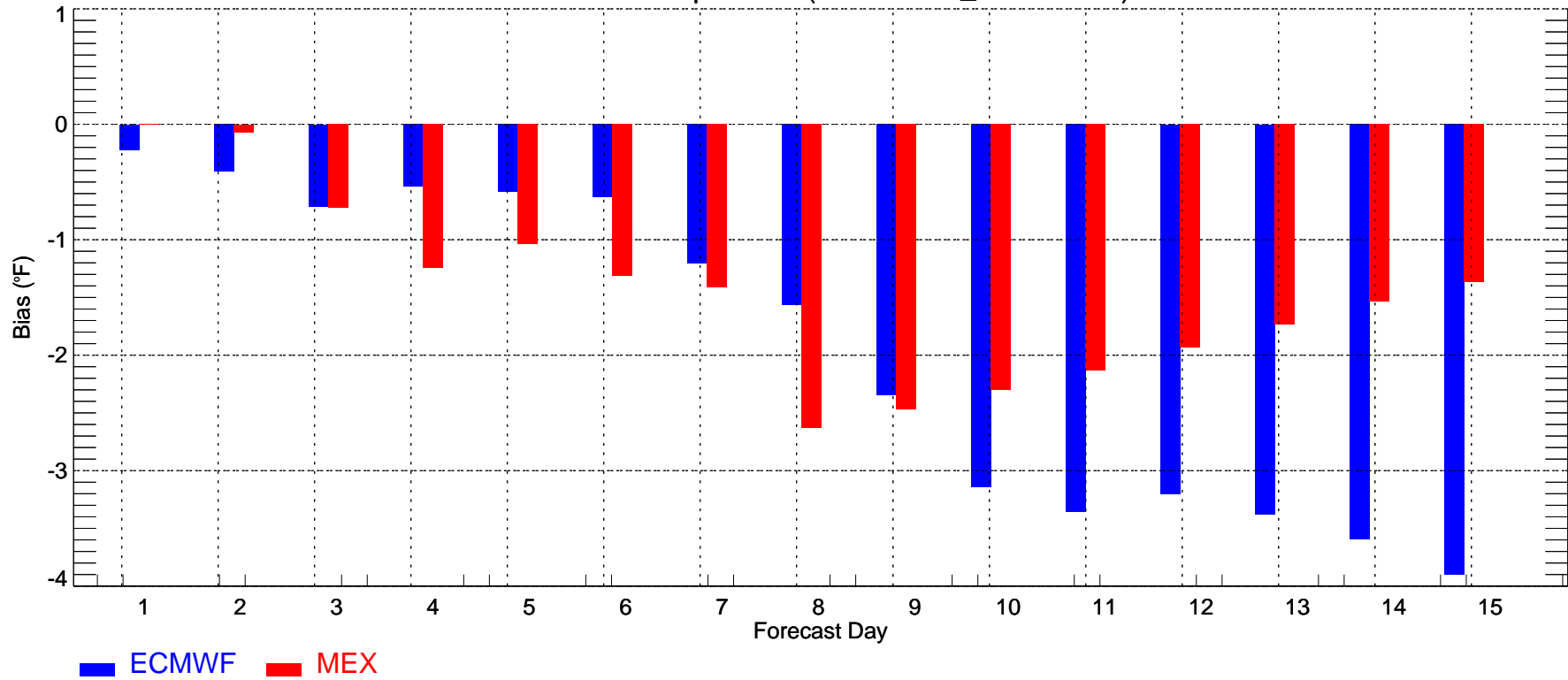
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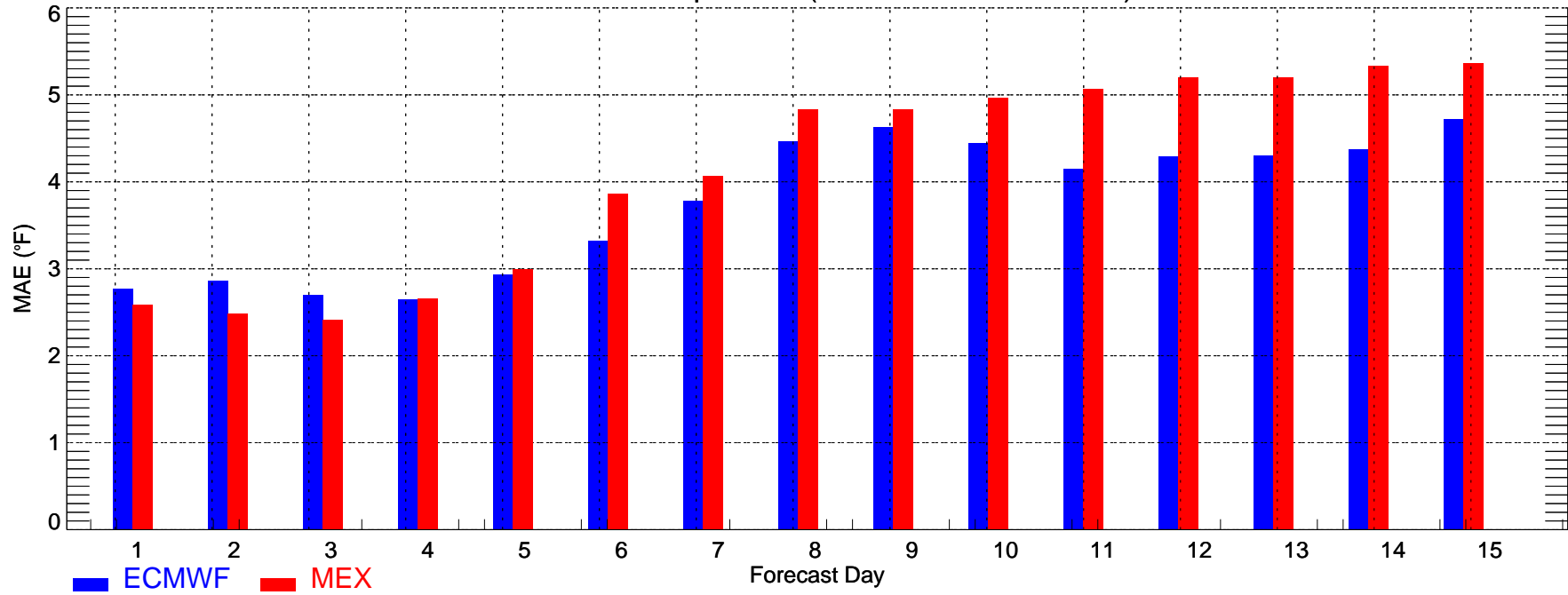
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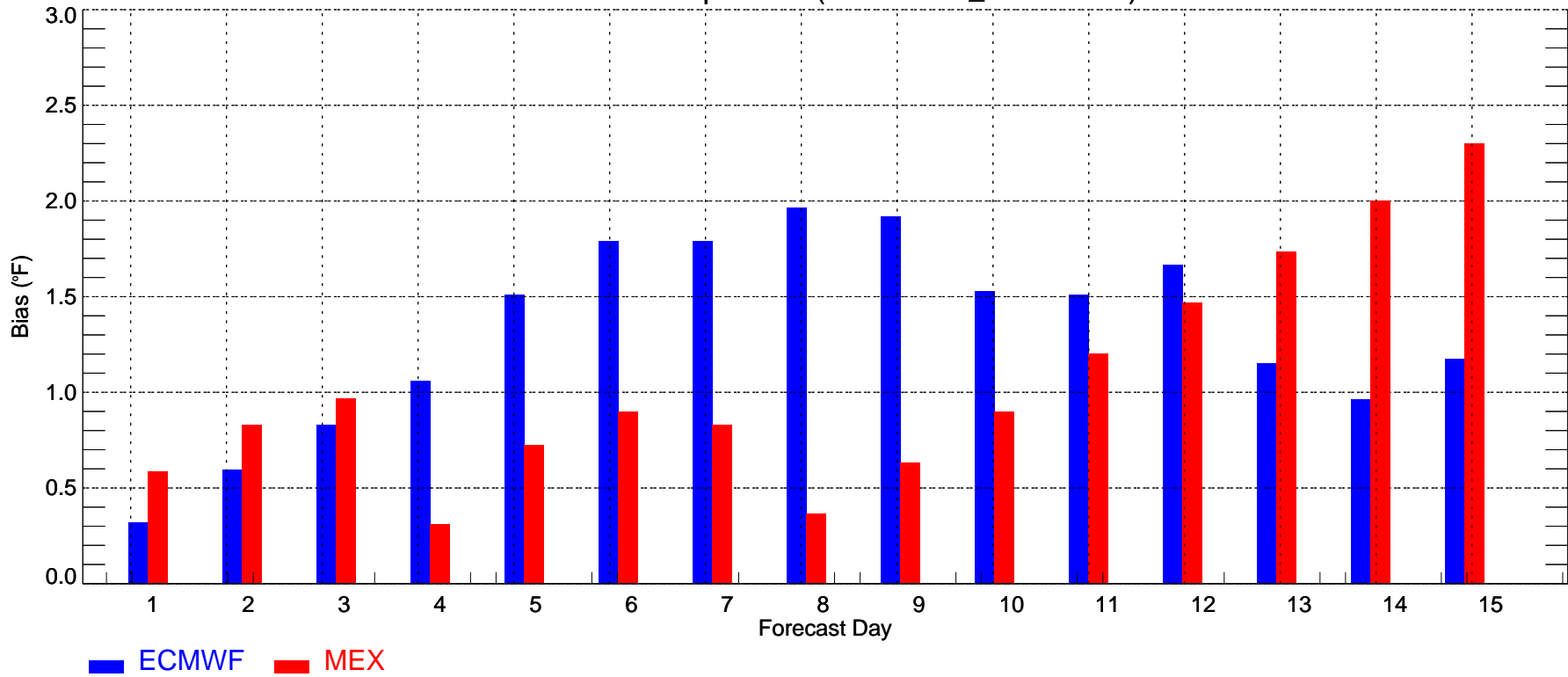
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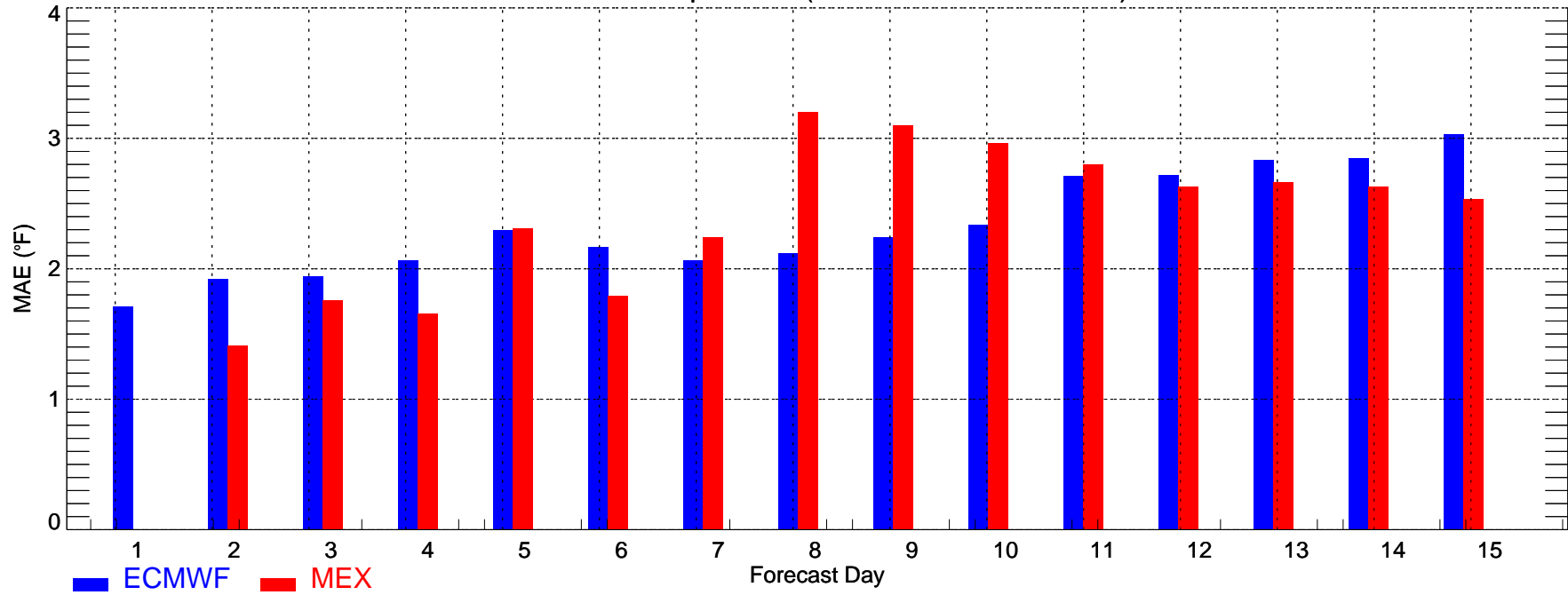
SFO: Max Temperature (2008-11-01_2008-11-30)



SFO: Max Temperature (2008-11-01_2008-11-30)



SFO: Min Temperature (2008-11-01_2008-11-30)



SFO: Min Temperature (2008-11-01_2008-11-30)

