

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

December 16, 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	-0.18	2.9/2.8	5.2/4.8	6.4/6.2	7.2/6.3	7.4/6.7	7.5/6.4	7.3/6.8	7.4/6.1	7.6/6.1	7.4/6.1	7.5/6.1	7.8/6.1	8.0/6.1	7.9/6.1	7.9/6.1

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	-3.10	0.2/0.8	-0.1/0.0	-0.4/0.3	-0.8/-0.9	-1.6/-1.4	-2.3/-2.2	-3.1/-2.8	-3.7/-0.4	-3.9/-0.4	-4.3/-0.4	-4.6/-0.4	-5.1/-0.4	-5.4/-0.4	-5.6/-0.4	-5.8/-0.4

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

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	-0.15	2.0/0.0	4.4/3.5	6.0/5.8	6.5/6.3	6.6/6.2	6.7/6.1	6.7/5.7	6.8/5.8	6.8/5.8	6.7/5.8	6.8/5.8	6.8/5.8	7.0/5.8	7.1/5.8	6.9/--

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	-3.36	-0.2/0.0	-0.5/0.4	-1.0/0.0	-1.4/-0.0	-2.0/-0.7	-2.5/-1.2	-3.2/-2.1	-3.9/-2.1	-4.2/-2.1	-4.4/-2.1	-4.7/-2.1	-5.1/-2.1	-5.5/-2.1	-5.9/-2.1	-5.7/--

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

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
IAH	-0.35	2.4/3.0	5.5/5.8	6.4/7.7	6.9/6.0	6.6/6.9	6.7/5.8	7.2/7.5	8.0/4.9	8.2/4.9	7.9/4.9	7.8/4.9	8.4/4.9	8.6/4.9	8.5/4.9	8.6/4.9
SEA	-0.35	3.4/1.9	4.7/3.3	5.3/4.2	5.8/4.3	5.2/3.9	4.4/3.2	3.7/3.8	3.6/3.7	4.0/3.7	5.1/3.7	5.1/3.7	5.5/3.7	5.7/3.7	5.5/3.7	5.8/3.7
LGA	-0.29	2.6/2.7	5.1/4.6	6.9/6.8	7.7/6.1	8.1/7.0	8.5/6.1	8.2/6.1	8.0/6.7	8.7/6.7	8.7/6.7	9.3/6.7	9.7/6.7	10.1/6.7	10.1/6.7	9.8/6.7
PHL	-0.22	2.6/4.0	5.5/5.3	7.0/6.0	7.3/6.2	7.7/6.4	8.2/6.2	8.2/6.4	8.2/6.9	9.1/6.9	8.8/6.9	8.7/6.9	9.2/6.9	9.4/6.9	9.5/6.9	9.1/6.9
LAX	-0.15	5.3/3.1	5.9/5.4	7.0/6.9	7.6/7.2	7.8/7.6	7.8/7.0	7.7/7.0	7.7/6.7	7.7/6.7	7.5/6.7	7.6/6.7	7.7/6.7	7.9/6.7	7.8/6.7	7.5/6.7
ORD	-0.11	2.4/2.7	5.0/4.6	7.3/7.0	8.7/8.7	9.0/8.4	10.1/8.7	10.7/9.0	10.7/8.0	9.8/8.0	8.9/8.0	8.7/8.0	8.6/8.0	8.8/8.0	8.6/8.0	8.8/8.0
SFO	-0.08	2.8/2.6	2.9/3.2	4.2/4.6	5.1/4.9	5.5/5.3	5.5/5.4	5.1/5.1	5.1/4.3	4.8/4.3	4.6/4.3	4.9/4.3	5.2/4.3	5.0/4.3	5.1/4.3	5.0/4.3
DFW	-0.05	1.4/2.7	7.0/6.1	7.0/6.4	8.4/7.4	9.4/8.0	8.9/8.8	7.9/9.4	7.8/7.4	8.3/7.4	7.9/7.4	8.2/7.4	8.3/7.4	8.4/7.4	8.3/7.4	8.2/7.4

	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
ORD	-4.65	-0.1/2.2	-0.4/1.7	-1.4/0.1	-2.0/-1.8	-3.0/-2.3	-4.1/-2.8	-5.2/-3.2	-6.1/1.5	-6.2/1.5	-6.1/1.5	-6.1/1.5	-6.9/1.5	-7.3/1.5	-7.3/1.5	-7.5/1.5
LGA	-4.59	0.1/1.8	0.2/0.6	0.3/2.1	-0.6/-0.6	-2.4/-1.4	-3.5/-2.4	-4.5/-2.7	-5.4/2.6	-6.6/2.6	-6.5/2.6	-7.2/2.6	-7.8/2.6	-8.1/2.6	-8.2/2.6	-8.6/2.6
IAH	-4.54	-0.6/0.6	-1.3/0.9	-1.7/1.6	-1.8/0.3	-2.9/-1.3	-4.2/-2.6	-5.0/-3.7	-5.7/-0.7	-5.4/-0.7	-5.5/-0.7	-5.9/-0.7	-6.4/-0.7	-7.0/-0.7	-7.3/-0.7	-7.5/-0.7
PHL	-4.45	0.5/2.9	-0.1/1.5	-0.4/1.2	-1.5/-0.2	-3.0/-0.7	-4.2/-1.3	-5.0/-2.1	-5.8/3.6	-6.4/3.6	-6.1/3.6	-6.3/3.6	-6.8/3.6	-6.9/3.6	-7.3/3.6	-7.5/3.6
DFW	-3.87	0.2/-1.8	-0.9/-1.8	-1.3/-0.9	-1.4/-1.8	-2.3/-3.1	-3.2/-6.0	-4.1/-5.9	-4.5/-5.0	-3.9/-5.0	-4.8/-5.0	-5.5/-5.0	-5.9/-5.0	-6.4/-5.0	-7.0/-5.0	-6.9/-5.0
SEA	-2.73	-0.2/-0.5	-0.4/-1.7	-0.5/-1.3	-0.9/-1.9	-1.1/-2.3	-1.3/-1.7	-1.9/-2.8	-2.0/-3.0	-2.6/-3.0	-4.4/-3.0	-4.6/-3.0	-4.9/-3.0	-5.3/-3.0	-5.1/-3.0	-5.6/-3.0
LAX	-0.23	1.5/0.8	1.4/-1.4	1.4/-1.5	1.2/-1.8	1.0/-0.8	1.0/-1.9	0.3/-2.0	-0.3/-0.7	-0.3/-0.7	-1.3/-0.7	-1.7/-0.7	-1.9/-0.7	-2.0/-0.7	-1.8/-0.7	-1.9/-0.7
SFO	0.25	0.3/0.6	0.5/0.4	0.4/0.8	0.4/0.3	0.7/0.8	0.8/0.6	0.7/0.1	0.5/-1.5	0.2/-1.5	0.2/-1.5	0.2/-1.5	0.0/-1.5	-0.3/-1.5	-0.5/-1.5	-0.6/-1.5

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 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
LGA	-0.25	2.0/0.0	4.5/3.4	6.2/6.0	7.2/6.5	7.7/6.6	8.2/7.2	7.9/6.2	8.2/6.8	8.3/6.8	8.6/6.8	8.6/6.8	9.1/6.8	9.4/6.8	9.7/6.8	9.1/--
PHL	-0.24	1.7/0.0	4.4/3.2	6.6/6.0	7.7/6.9	8.0/6.8	8.5/7.5	7.8/6.4	7.3/6.5	7.8/6.5	8.2/6.5	8.6/6.5	8.8/6.5	8.9/6.5	9.2/6.5	9.0/--
SEA	-0.21	2.0/0.0	4.3/2.5	5.3/4.1	5.2/4.3	5.4/4.2	4.9/3.7	4.1/3.7	4.5/5.0	5.2/5.0	6.0/5.0	6.3/5.0	5.8/5.0	5.9/5.0	5.9/5.0	6.0/--
DFW	-0.17	1.9/0.0	5.8/5.0	7.3/7.2	8.0/8.6	8.1/9.2	8.6/8.3	9.1/8.7	9.4/6.5	8.8/6.5	8.1/6.5	8.0/6.5	7.9/6.5	8.2/6.5	8.4/6.5	8.2/--
IAH	-0.15	2.4/0.0	6.3/6.4	10.0/9.6	10.5/11.0	9.5/10.1	9.1/9.1	9.6/7.7	10.3/6.7	9.1/6.7	7.8/6.7	8.1/6.7	8.0/6.7	7.9/6.7	7.8/6.7	7.8/--
ORD	-0.14	2.7/0.0	4.9/3.4	6.5/6.8	6.9/6.5	7.8/7.0	8.3/7.4	9.1/7.4	8.8/7.4	8.8/7.4	8.2/7.4	8.1/7.4	7.9/7.4	8.4/7.4	8.5/7.4	7.7/--
LAX	-0.07	2.0/0.0	2.6/2.0	3.3/3.4	3.4/3.3	3.6/3.2	3.4/3.3	3.2/3.1	3.2/3.6	3.4/3.6	3.7/3.6	3.7/3.6	3.9/3.6	4.1/3.6	4.4/3.6	4.4/--
SFO	0.10	1.7/0.0	2.5/2.0	3.0/3.3	3.1/3.2	2.9/2.6	2.7/2.5	2.6/2.4	2.8/4.0	3.0/4.0	2.9/4.0	3.0/4.0	3.0/4.0	2.9/4.0	3.2/4.0	3.3/--

	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
ORD	-4.63	0.0/0.0	-0.9/1.0	-1.9/-0.0	-2.3/-0.3	-3.5/-1.4	-4.3/-2.2	-5.0/-2.4	-5.7/-0.7	-6.4/-0.7	-5.8/-0.7	-5.8/-0.7	-6.1/-0.7	-7.1/-0.7	-7.6/-0.7	-7.0/--
DFW	-4.36	-0.3/0.0	-1.1/-0.5	-1.8/-0.5	-2.4/-1.2	-2.5/-1.3	-3.3/-3.3	-4.4/-4.2	-5.4/-4.2	-5.2/-4.2	-5.2/-4.2	-5.9/-4.2	-6.4/-4.2	-7.1/-4.2	-7.4/-4.2	-7.1/--
PHL	-4.19	-0.1/0.0	-0.1/0.5	-0.6/-0.4	-1.4/-0.5	-2.2/-1.4	-3.0/-1.4	-3.6/-3.1	-4.4/0.2	-5.0/0.2	-5.8/0.2	-6.6/0.2	-7.1/0.2	-7.3/0.2	-7.8/0.2	-8.0/--
IAH	-3.83	-0.4/0.0	-0.8/3.1	-1.6/3.1	-1.4/4.4	-1.9/2.6	-2.8/2.0	-4.0/-0.5	-5.9/-1.3	-5.9/-1.3	-5.0/-1.3	-4.6/-1.3	-5.2/-1.3	-6.2/-1.3	-6.3/-1.3	-5.4/--
LGA	-3.42	0.1/0.0	0.1/0.6	-0.2/0.2	-0.9/0.3	-1.8/-0.5	-2.6/-0.9	-3.5/-2.7	-4.2/0.1	-4.5/0.1	-4.9/0.1	-5.2/0.1	-5.6/0.1	-5.8/0.1	-6.2/0.1	-6.2/--
SEA	-2.98	-0.2/0.0	-0.6/-0.3	-1.0/-1.2	-1.3/-1.5	-1.8/-1.5	-2.1/-1.8	-2.4/-1.9	-2.8/-3.9	-3.5/-3.9	-4.4/-3.9	-4.9/-3.9	-4.5/-3.9	-4.8/-3.9	-5.2/-3.9	-5.3/--
LAX	-2.16	-0.4/0.0	-0.6/-0.8	-0.8/-0.5	-1.2/-0.9	-1.3/-1.7	-1.3/-1.5	-1.5/-1.9	-2.0/-3.2	-2.4/-3.2	-2.7/-3.2	-3.0/-3.2	-3.3/-3.2	-3.6/-3.2	-4.0/-3.2	-4.1/--
SFO	-1.30	-0.0/0.0	-0.3/-0.1	-0.4/-0.4	-0.6/-0.7	-0.7/-0.5	-0.9/-0.3	-1.1/0.0	-1.1/-3.7	-1.1/-3.7	-1.4/-3.7	-1.9/-3.7	-2.2/-3.7	-2.4/-3.7	-2.8/-3.7	-2.7/--

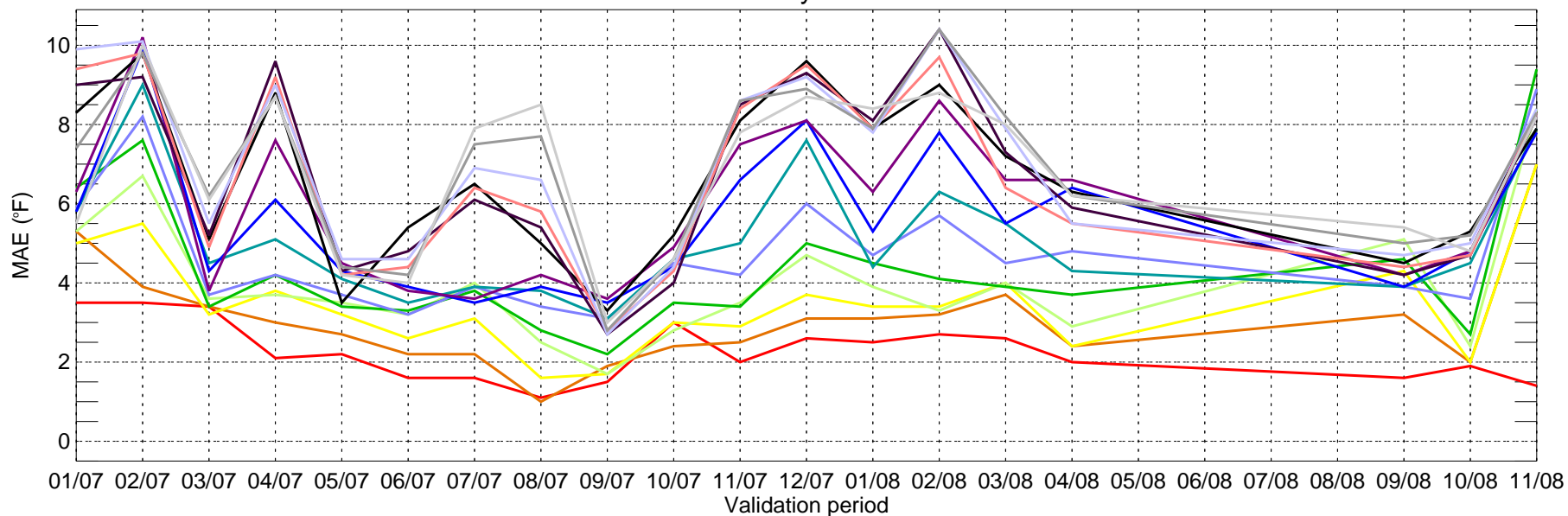
red: $S < -0.3$ orange: $-0.3 < S < -0.1$ grey: $-0.1 < S < 0.1$ green: $0.1 < S < 0.3$ blue: $S > 0.3$

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

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: $B < -4.0$

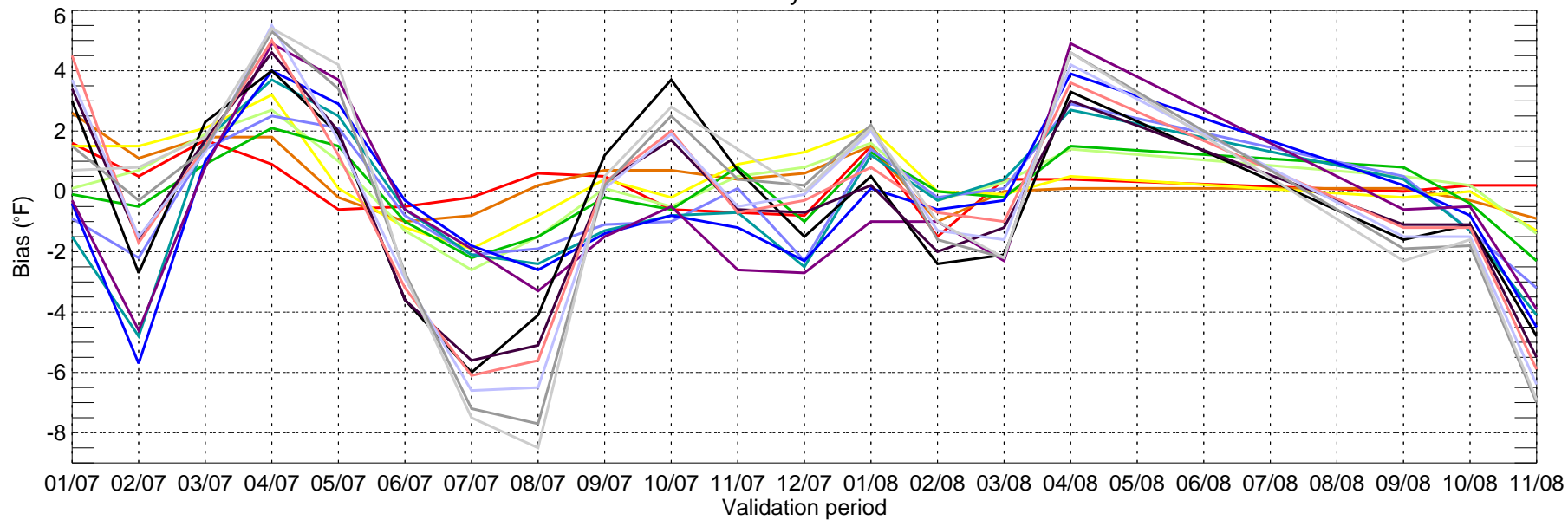
avg_bias: average of ECMWF-value

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



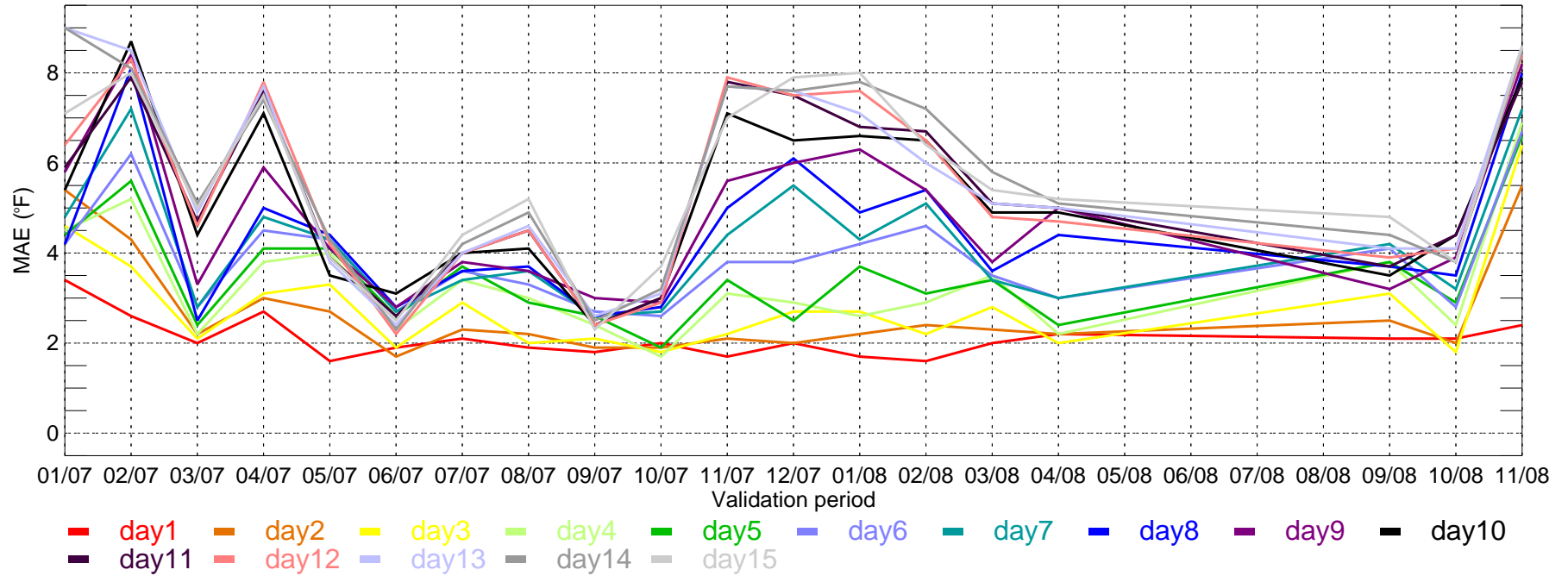
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DFW: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30

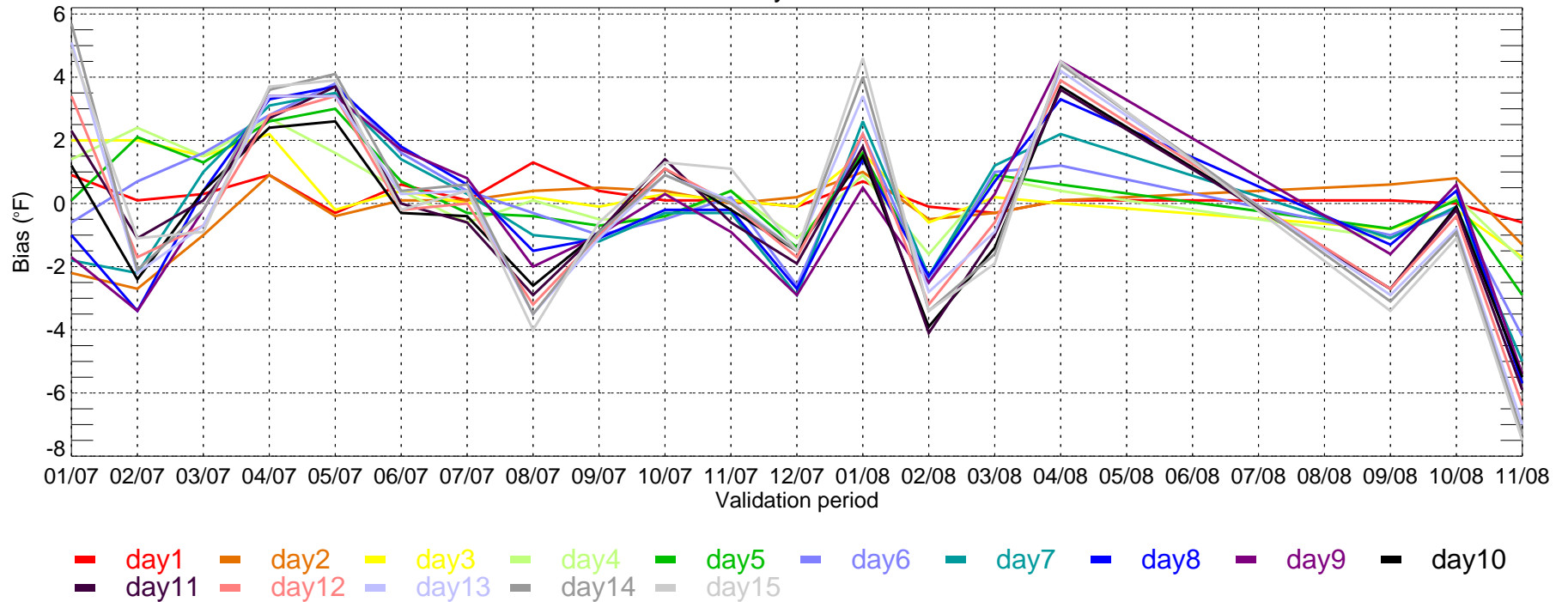


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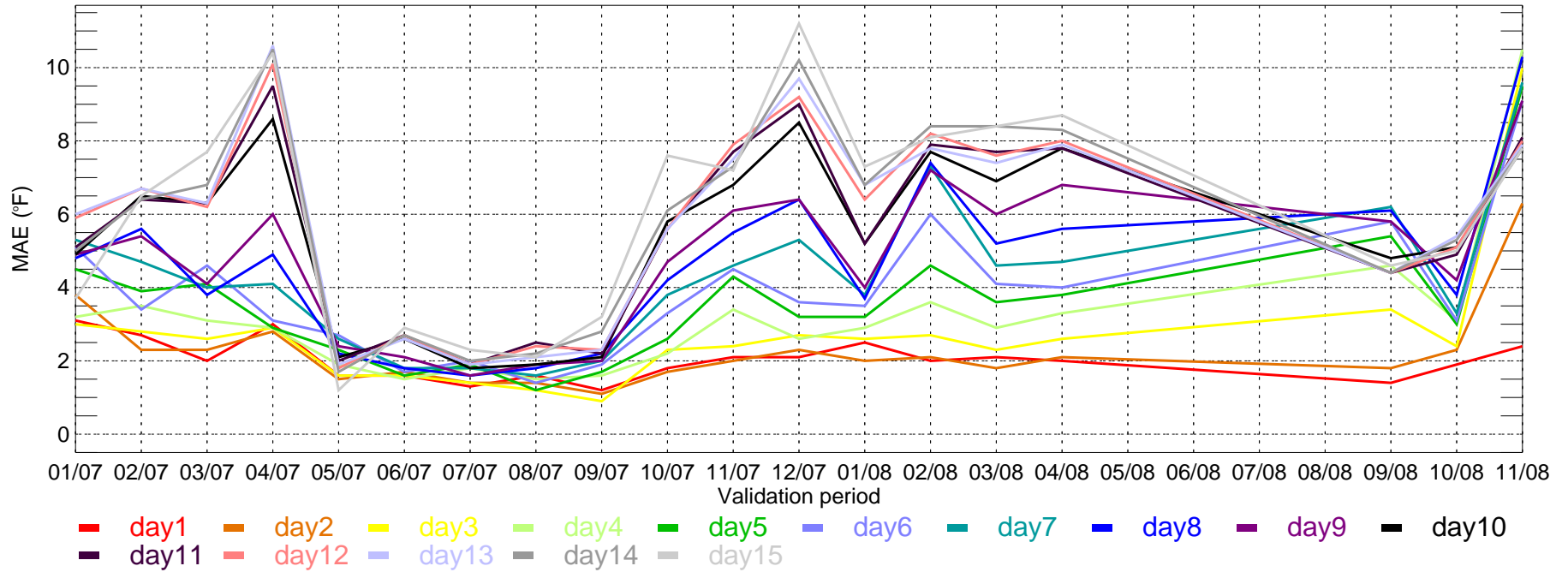
IAH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



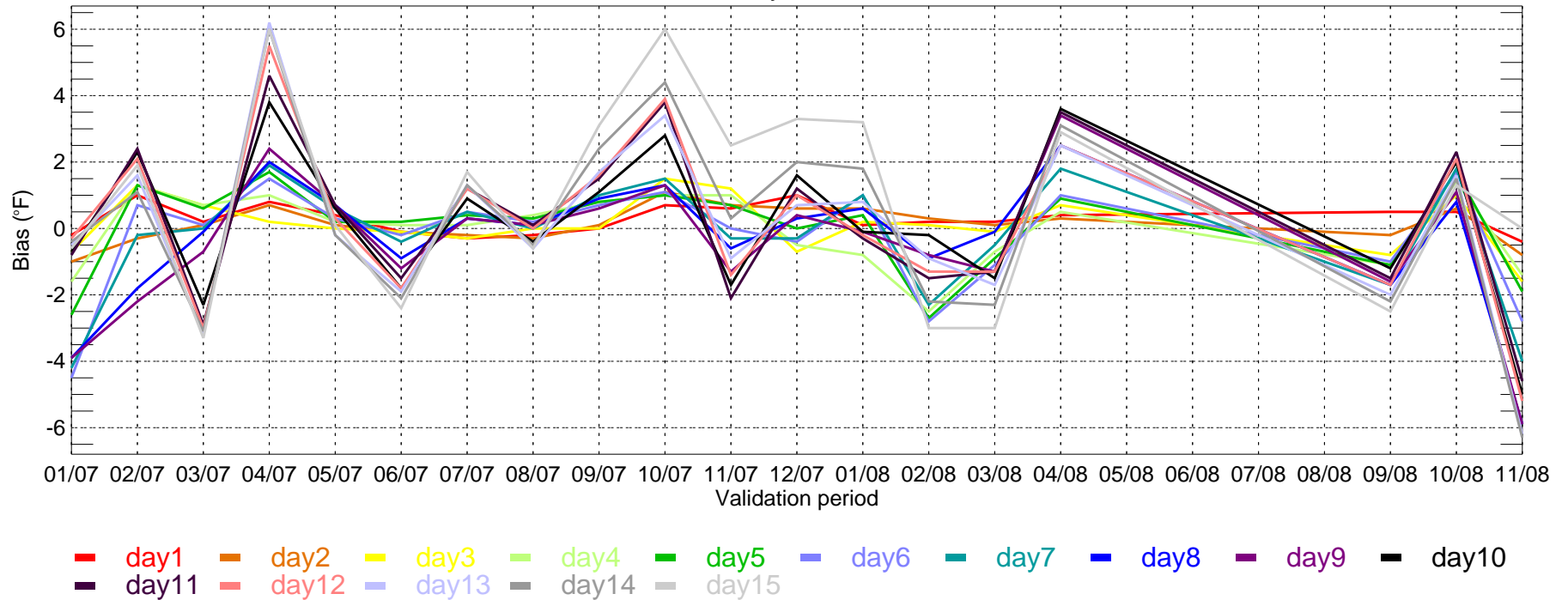
IAH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30



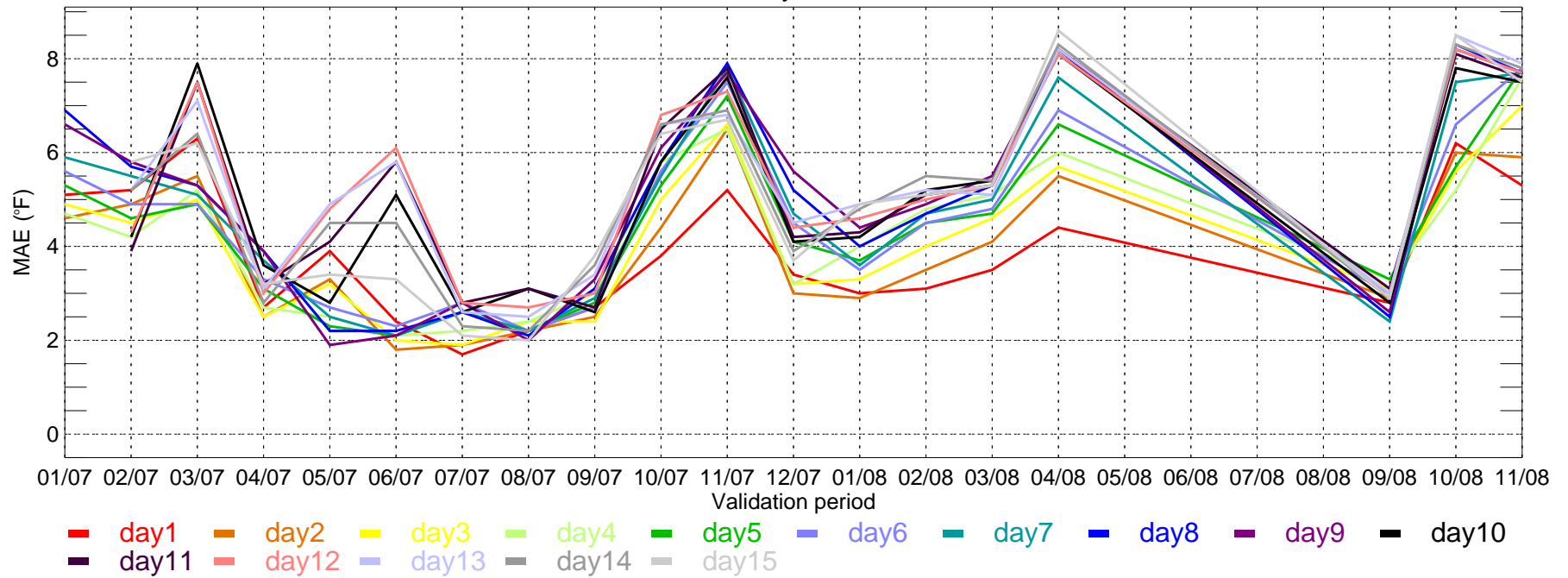
IAH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



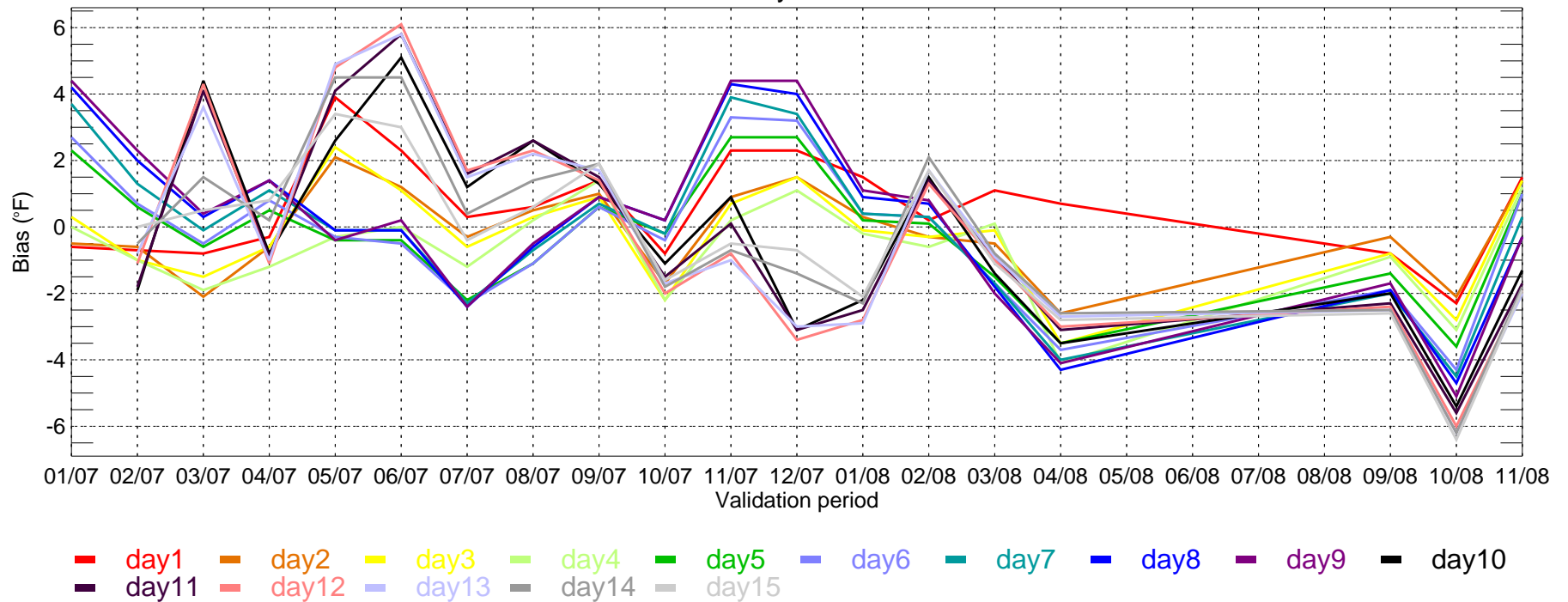
IAH: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30



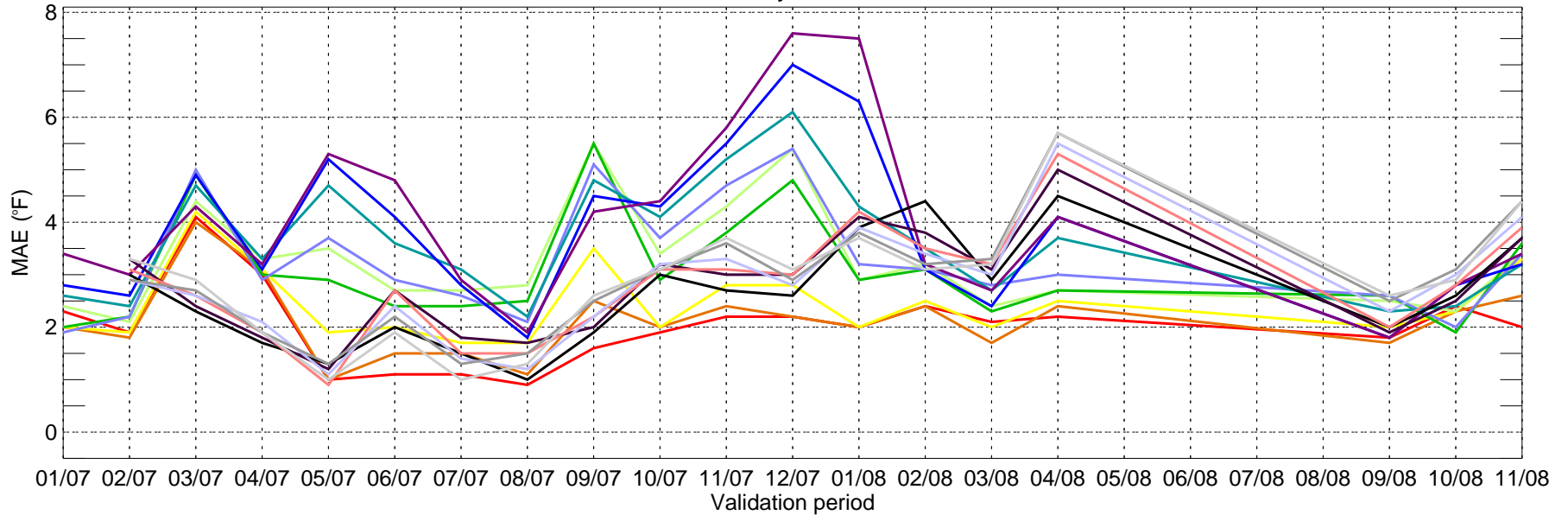
LAX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



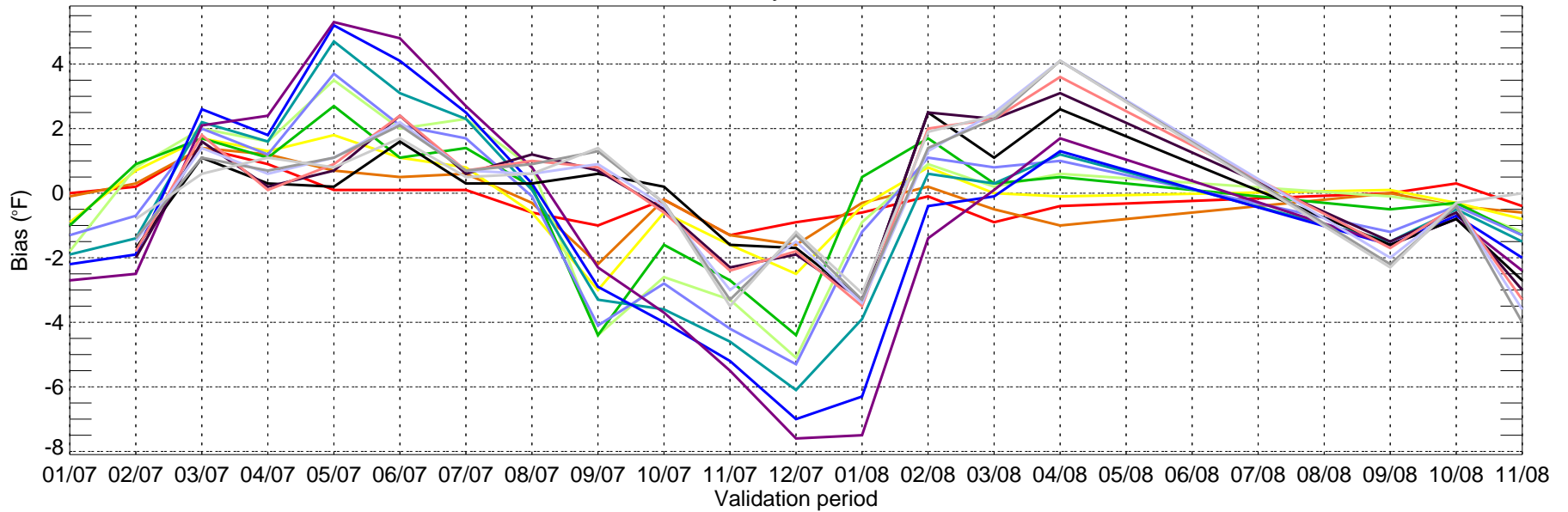
LAX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30



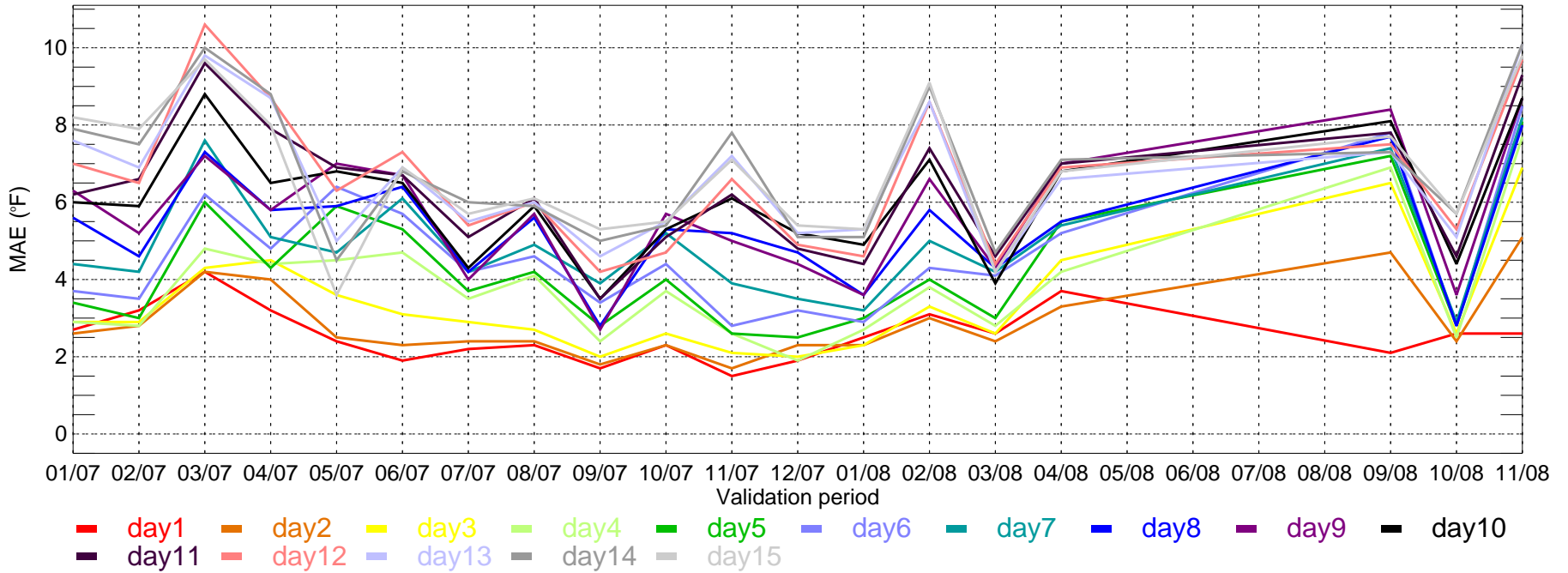
LAX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



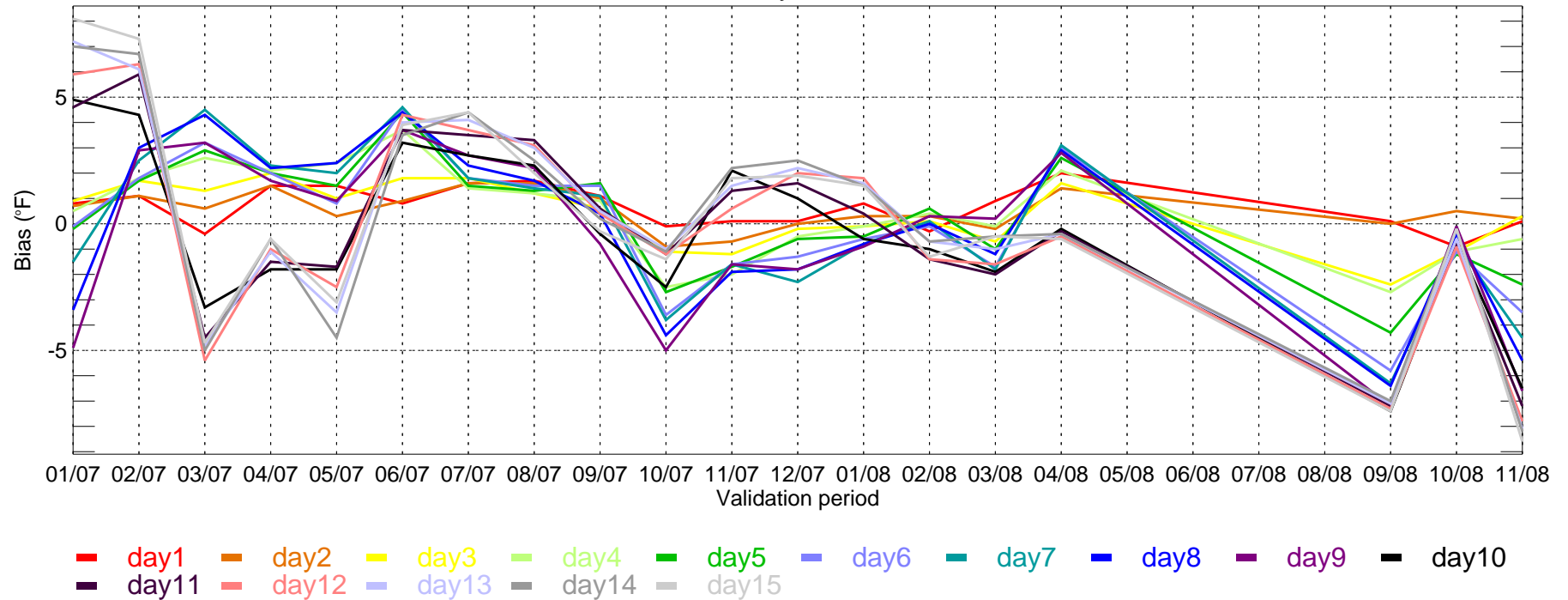
LAX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30



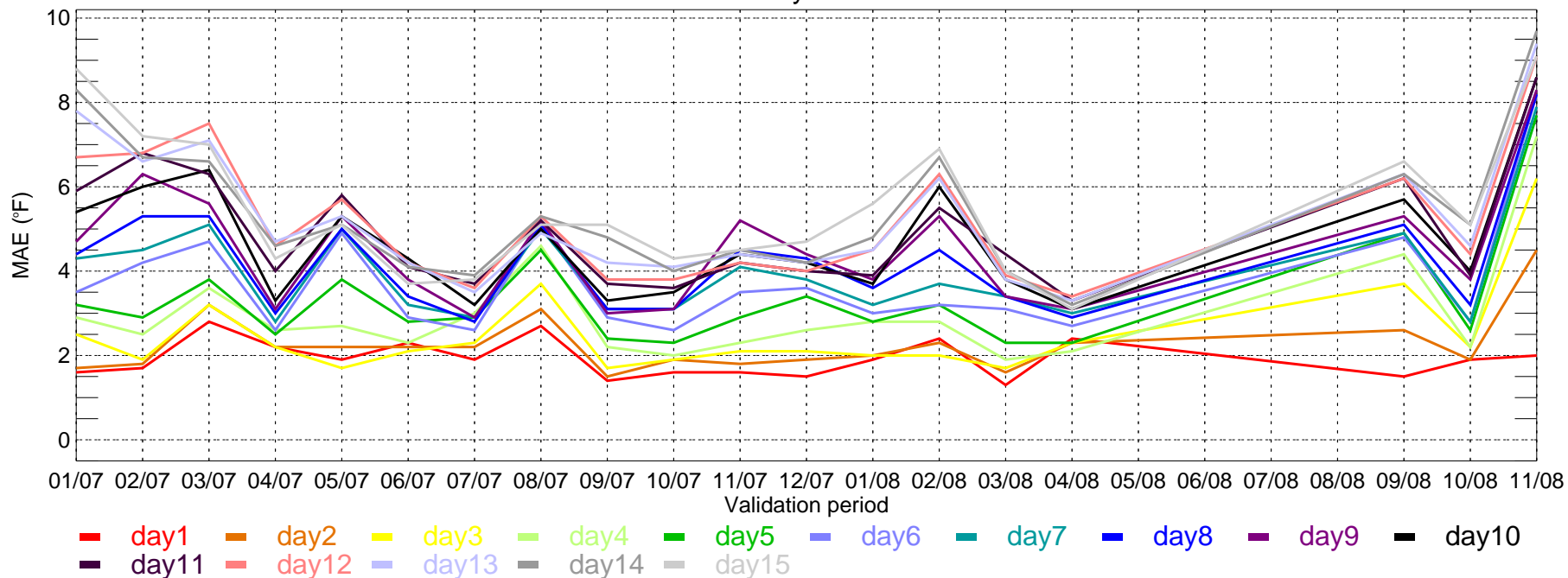
LGA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



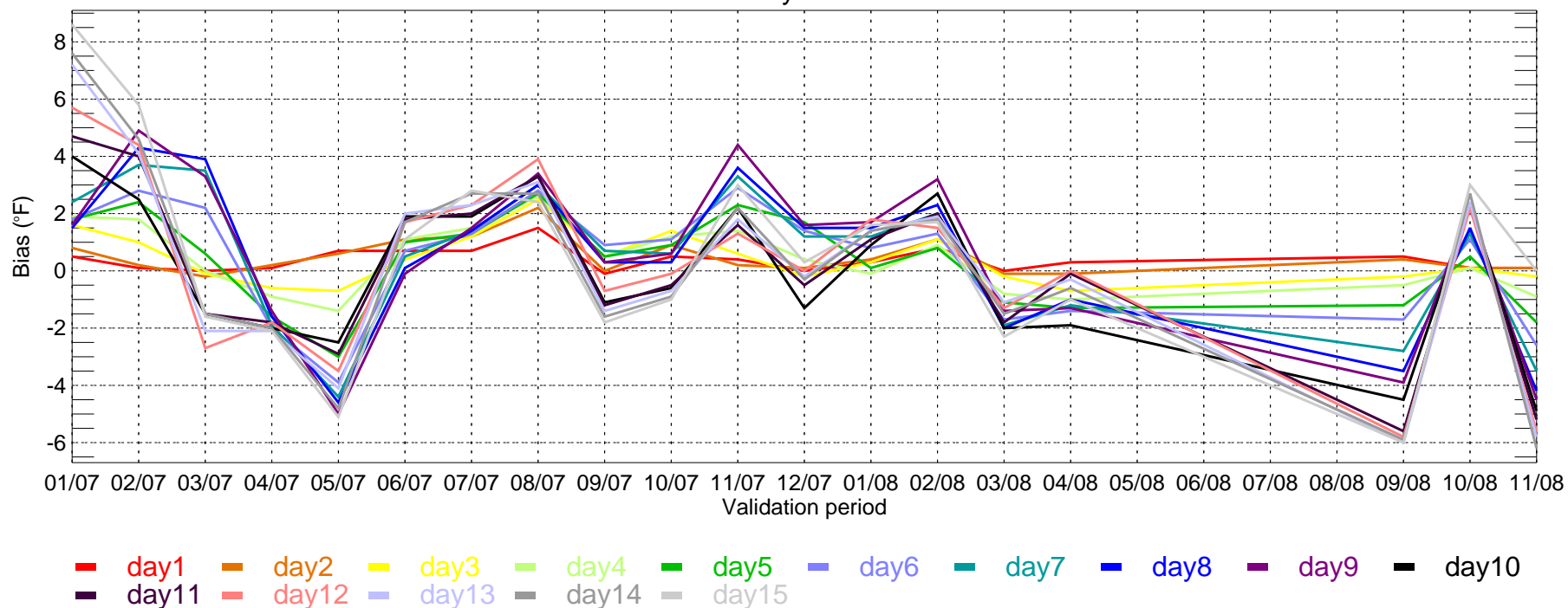
LGA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30



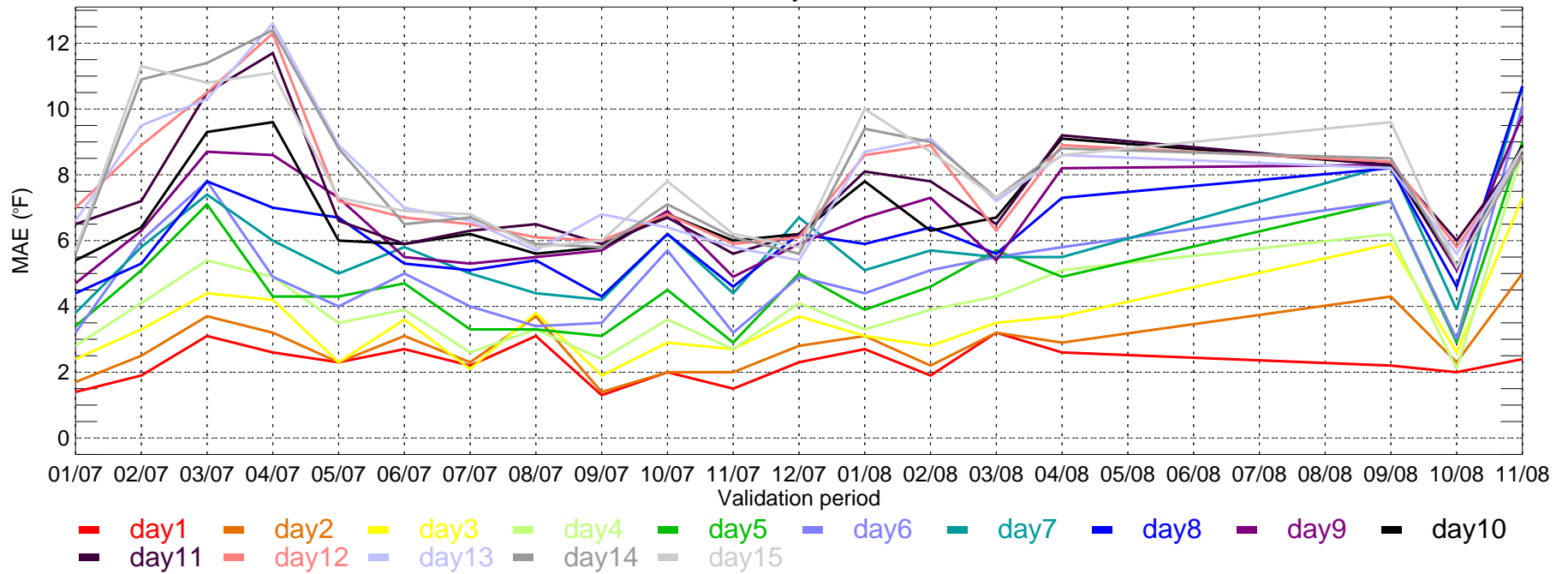
LGA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



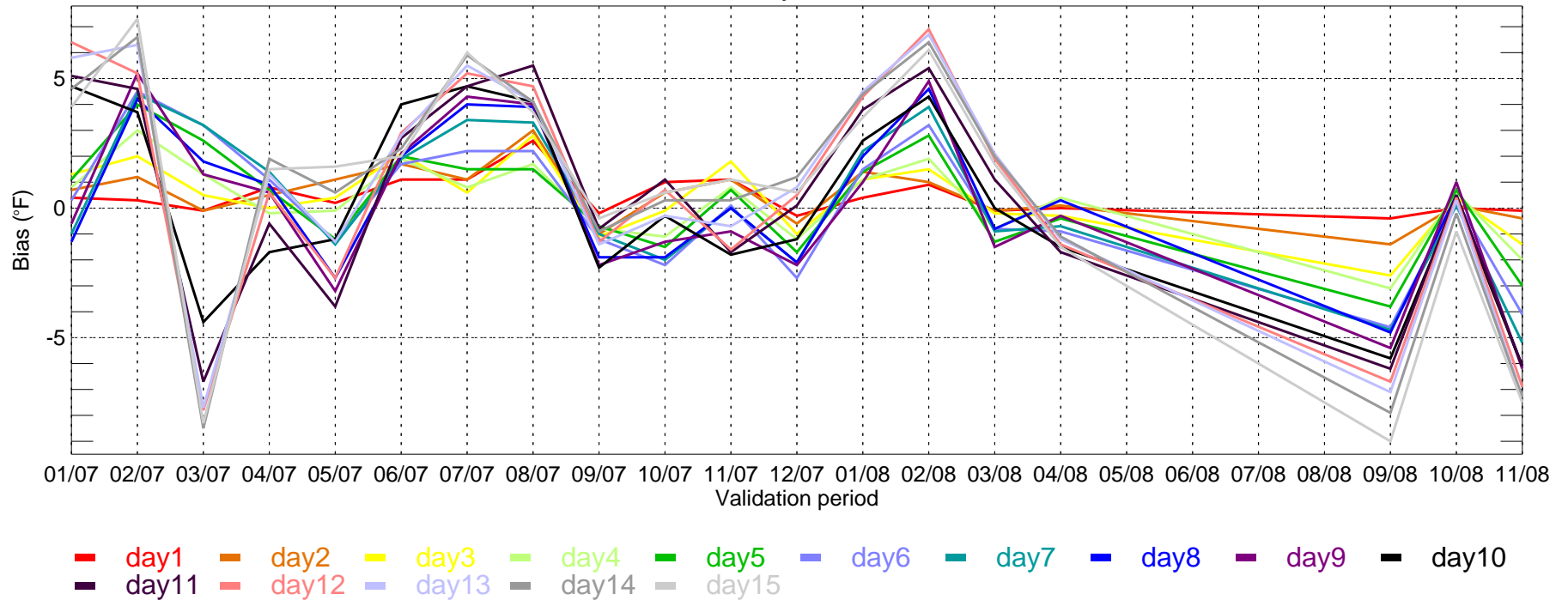
LGA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30



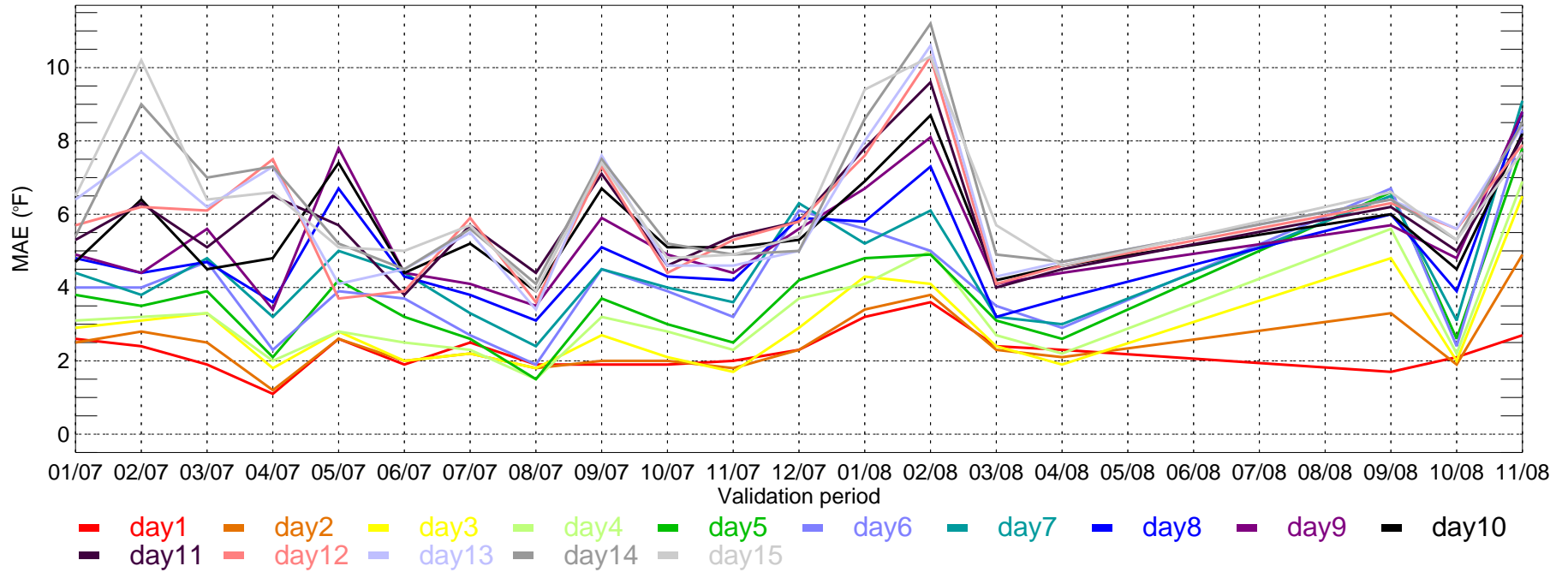
ORD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



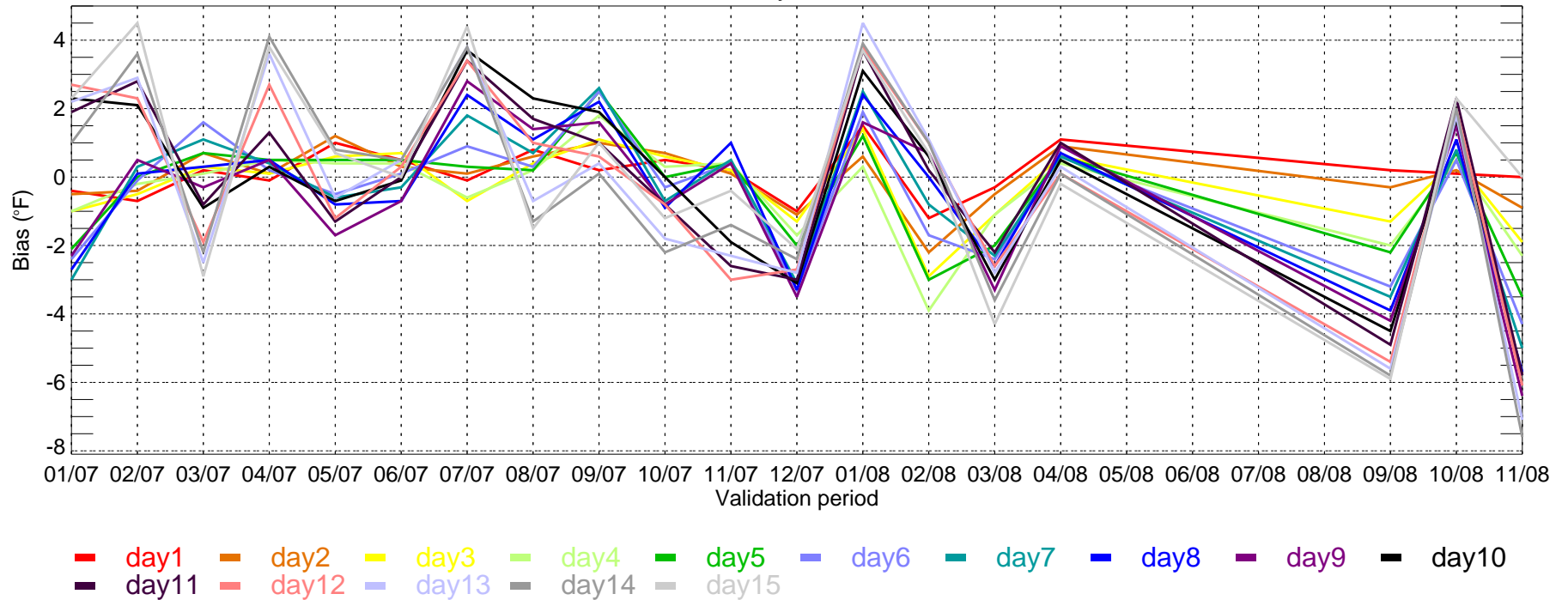
ORD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30



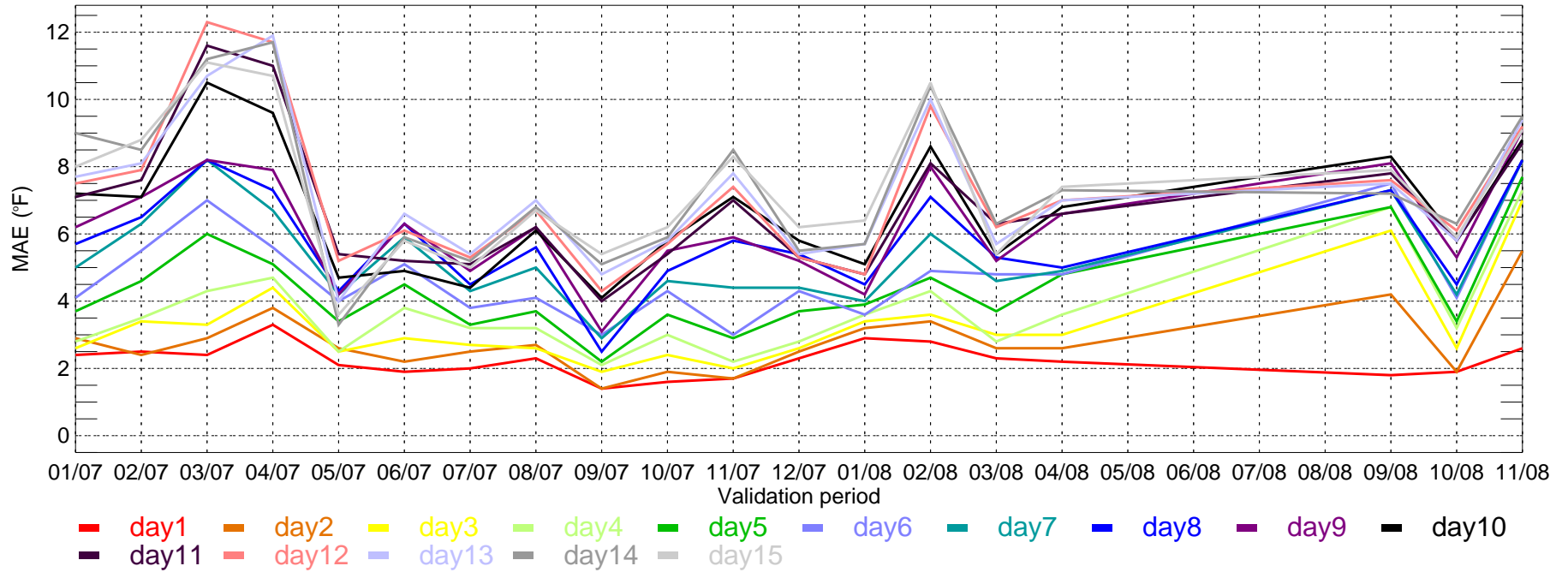
ORD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



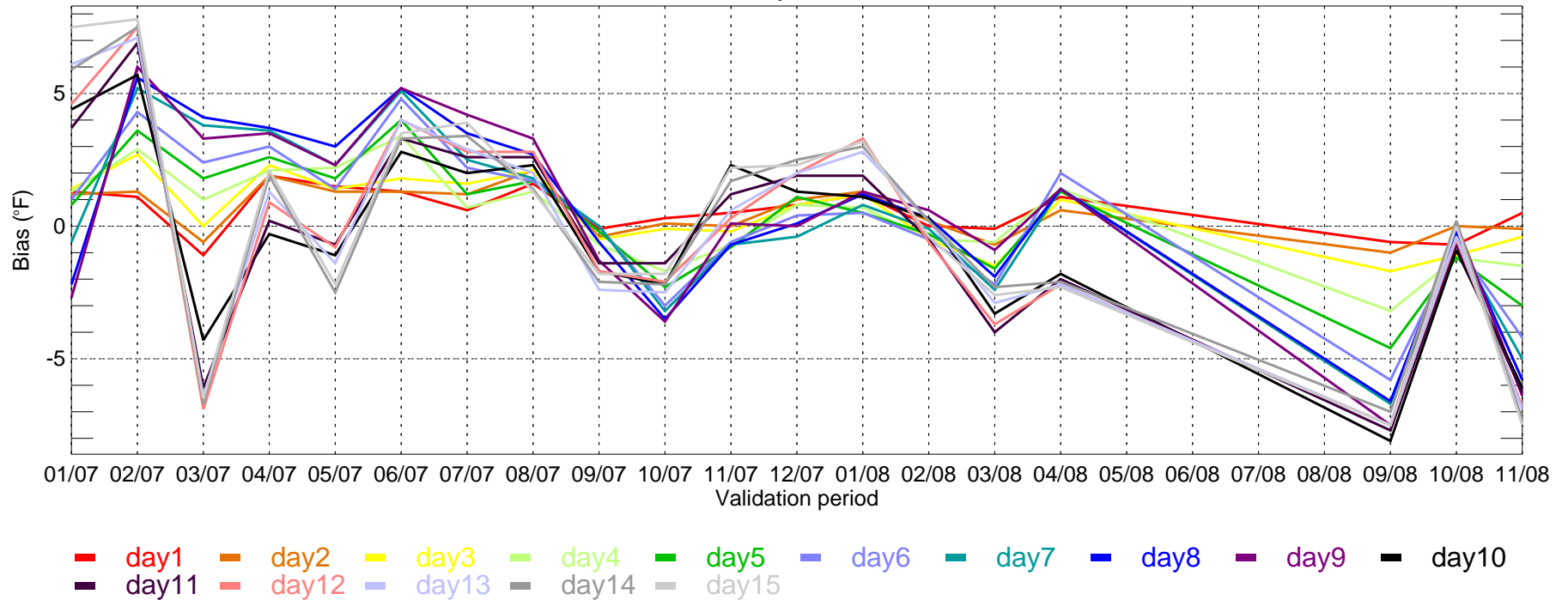
ORD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30



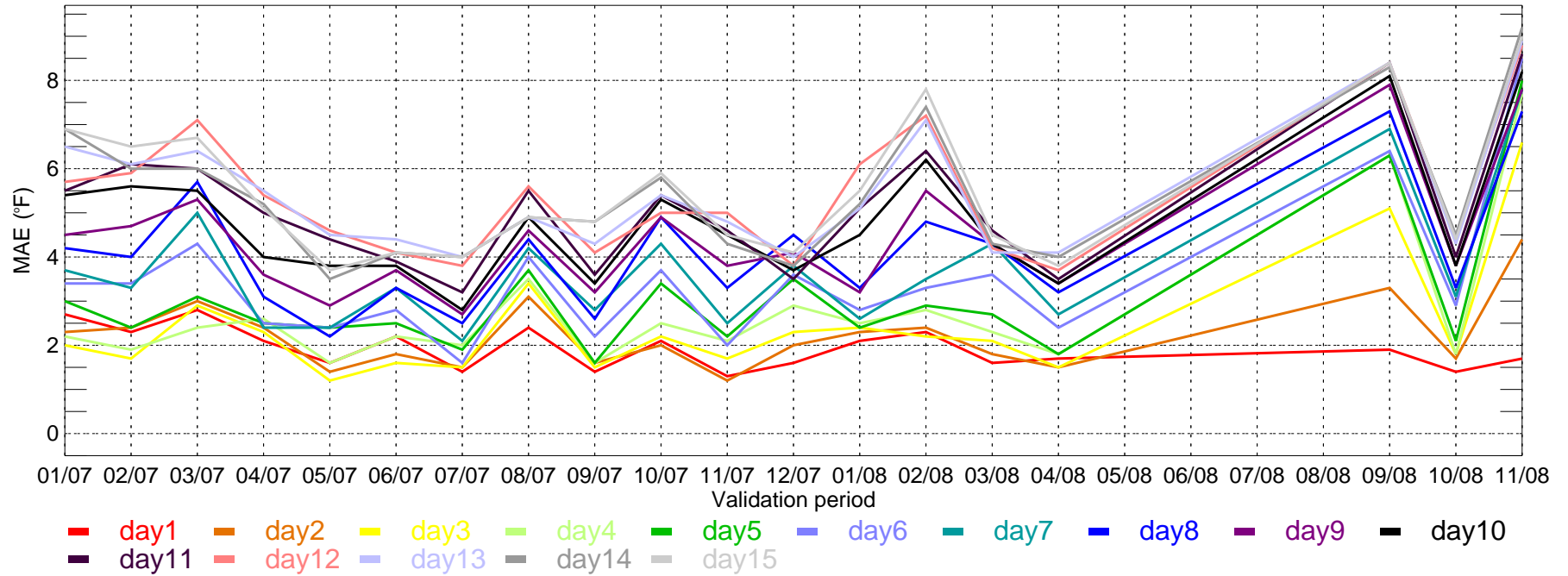
PHL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30



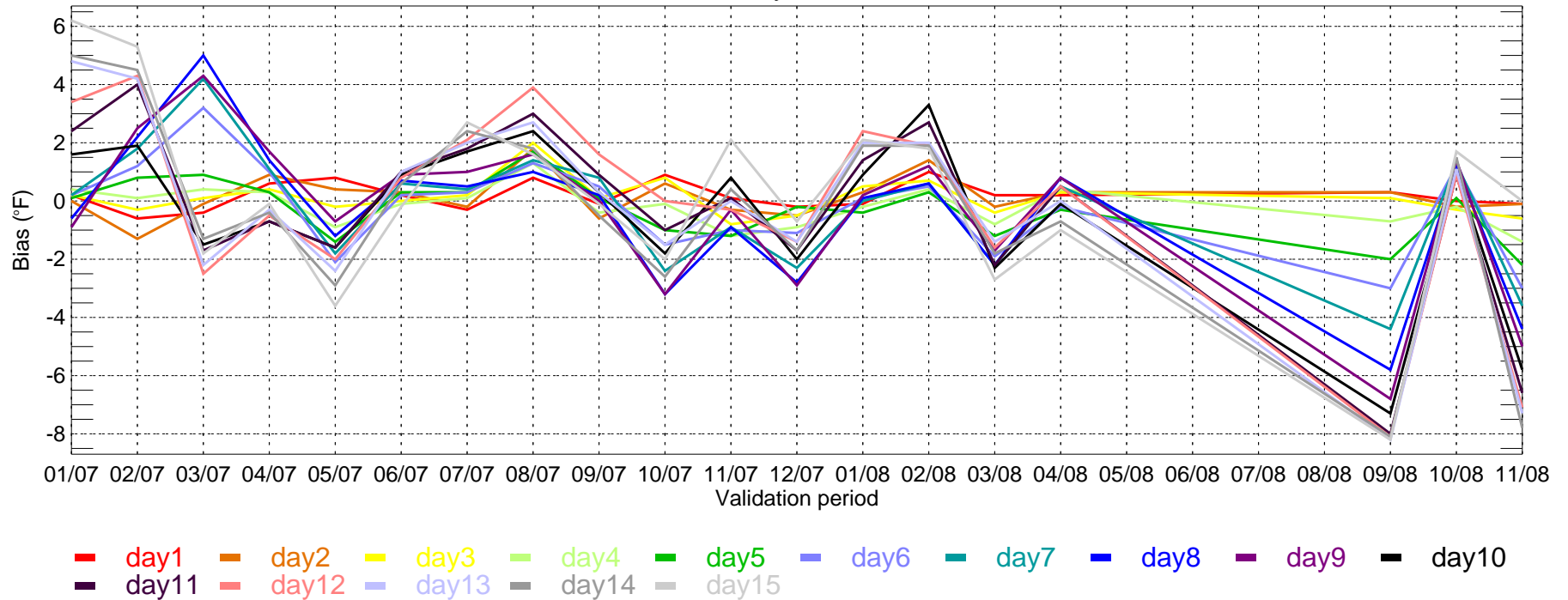
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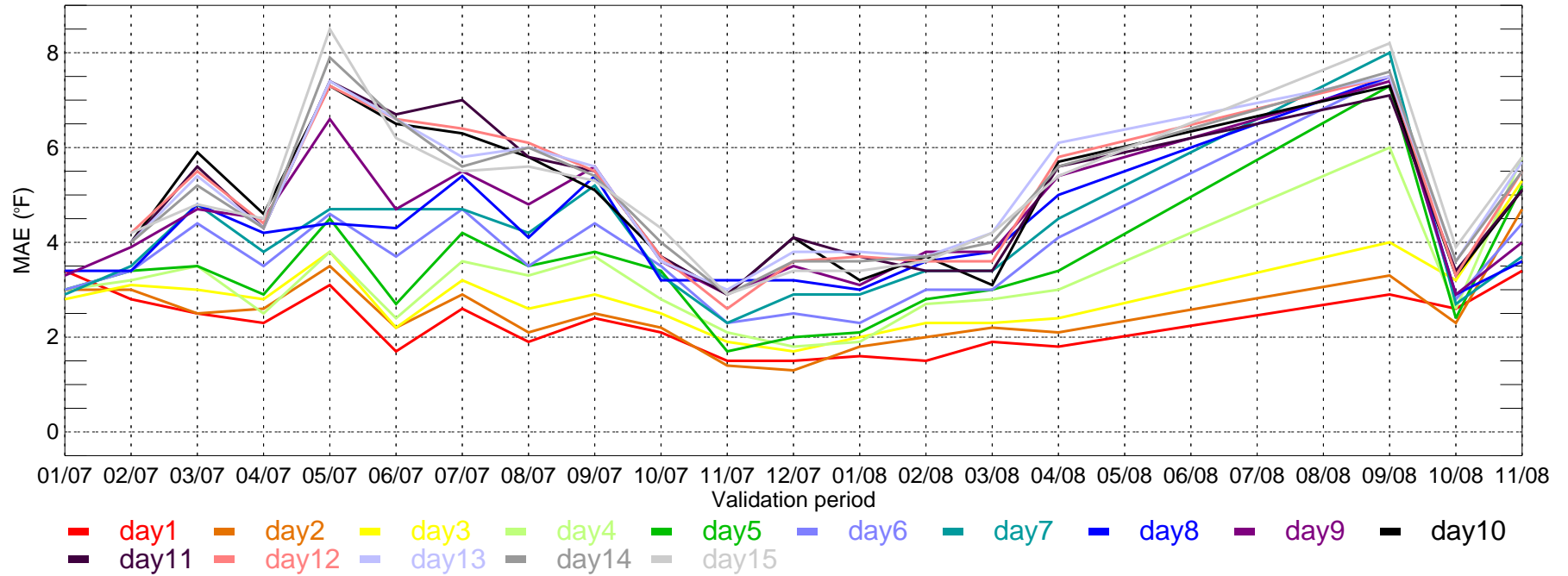
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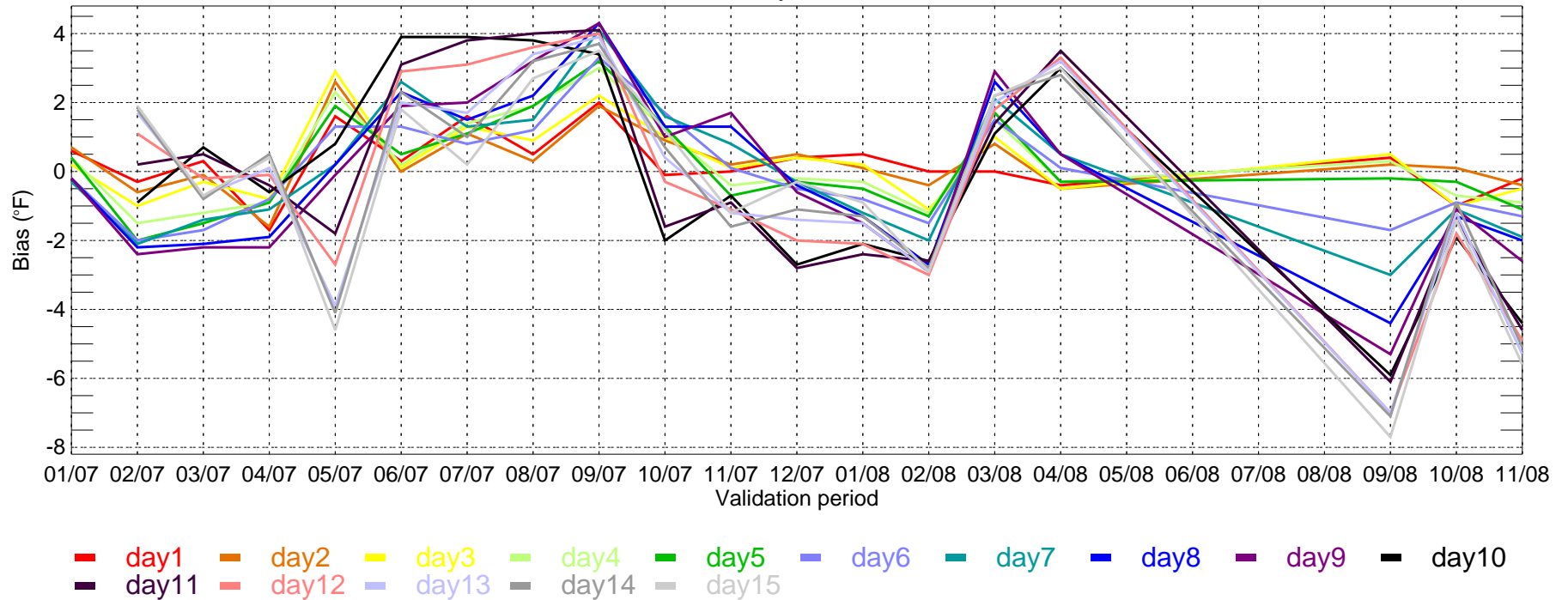
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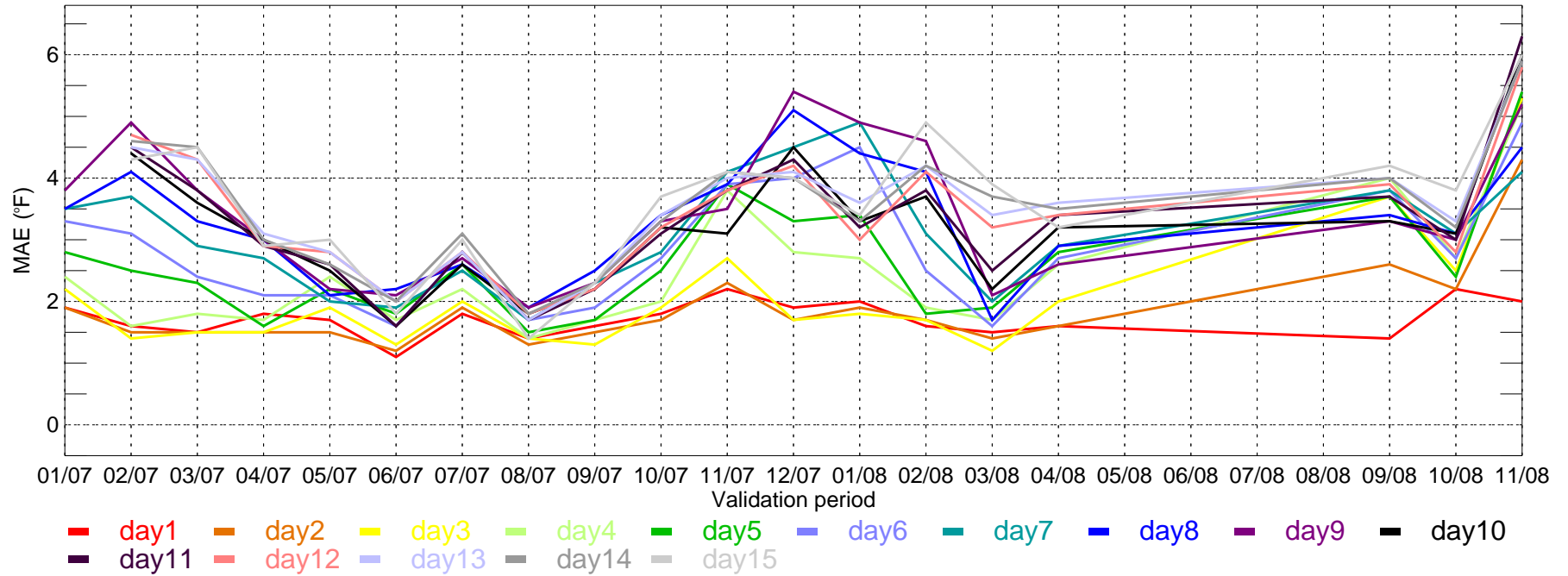
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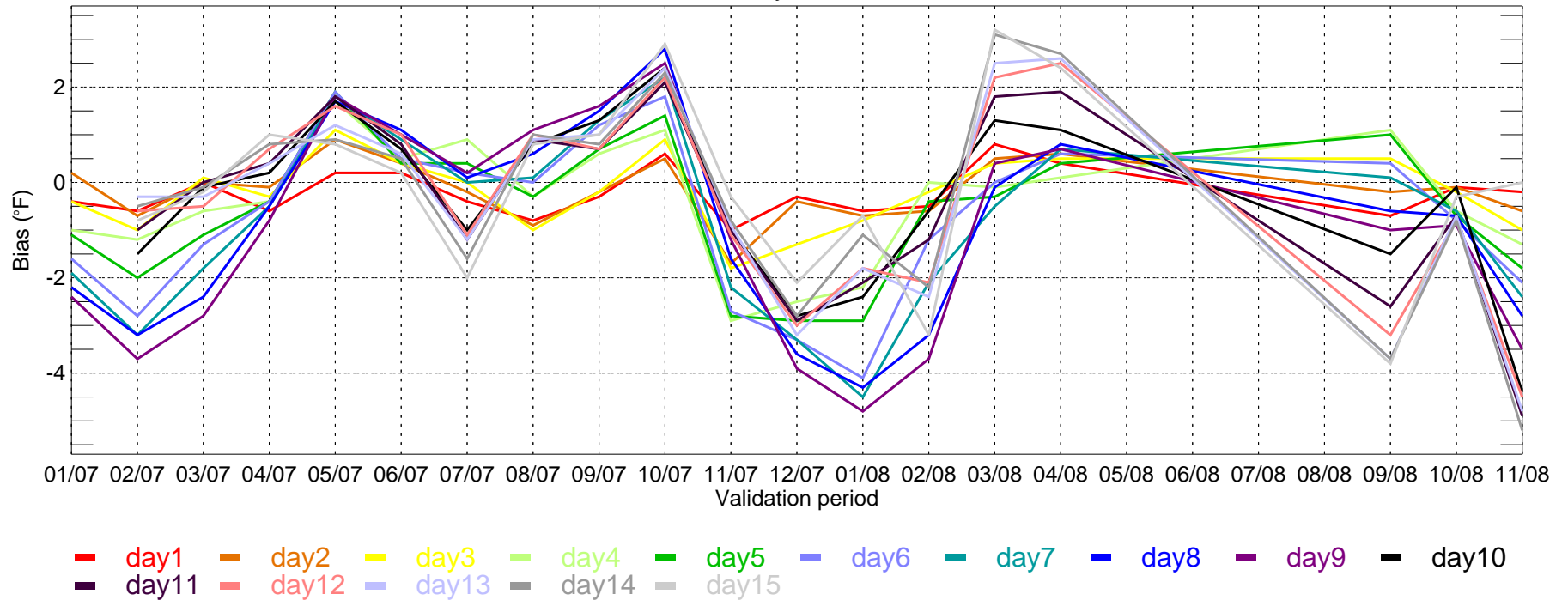
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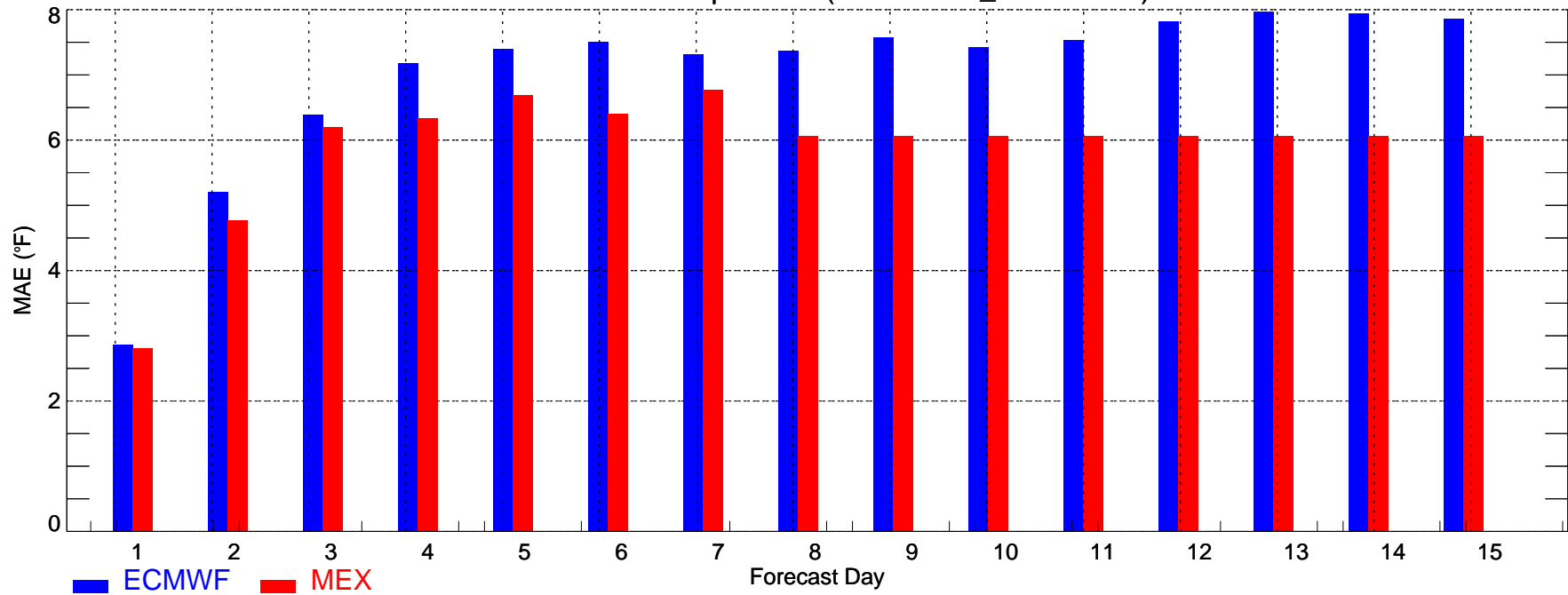
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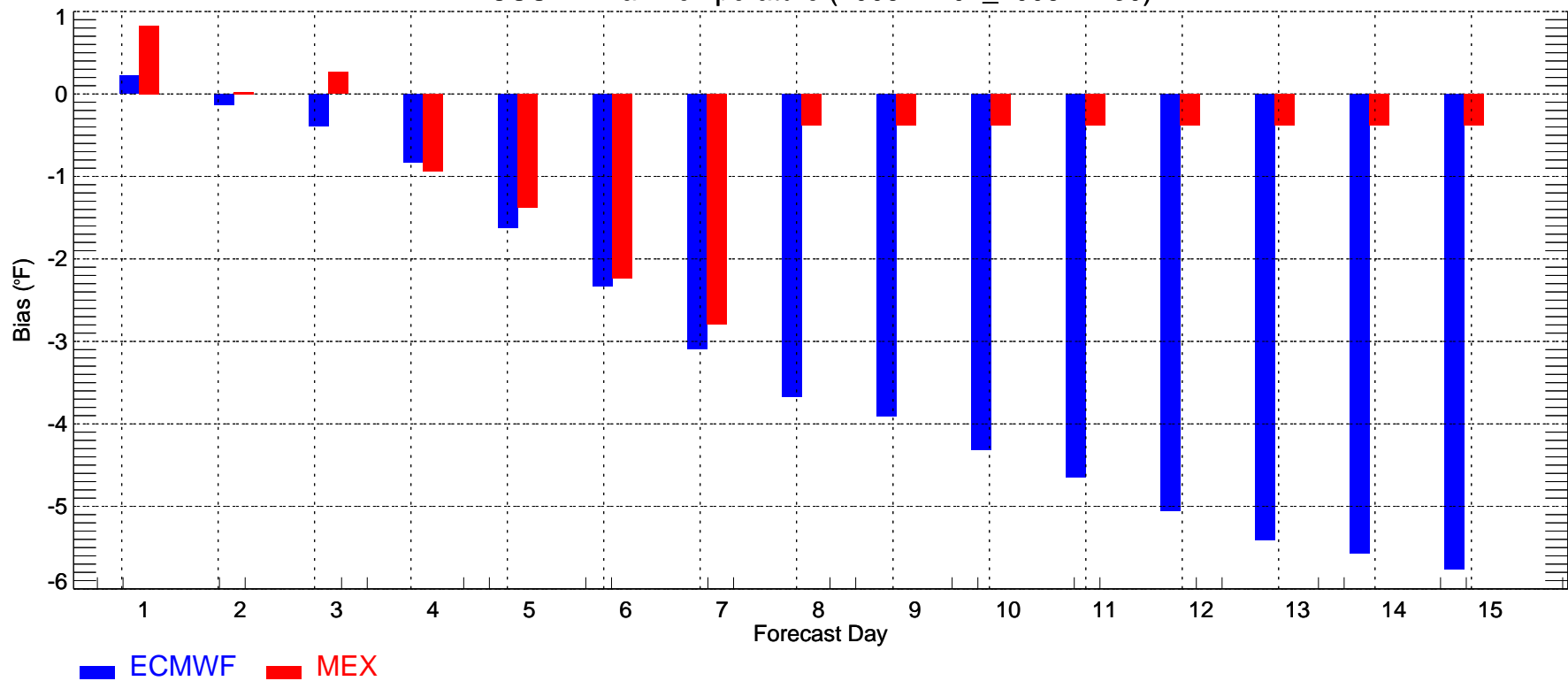
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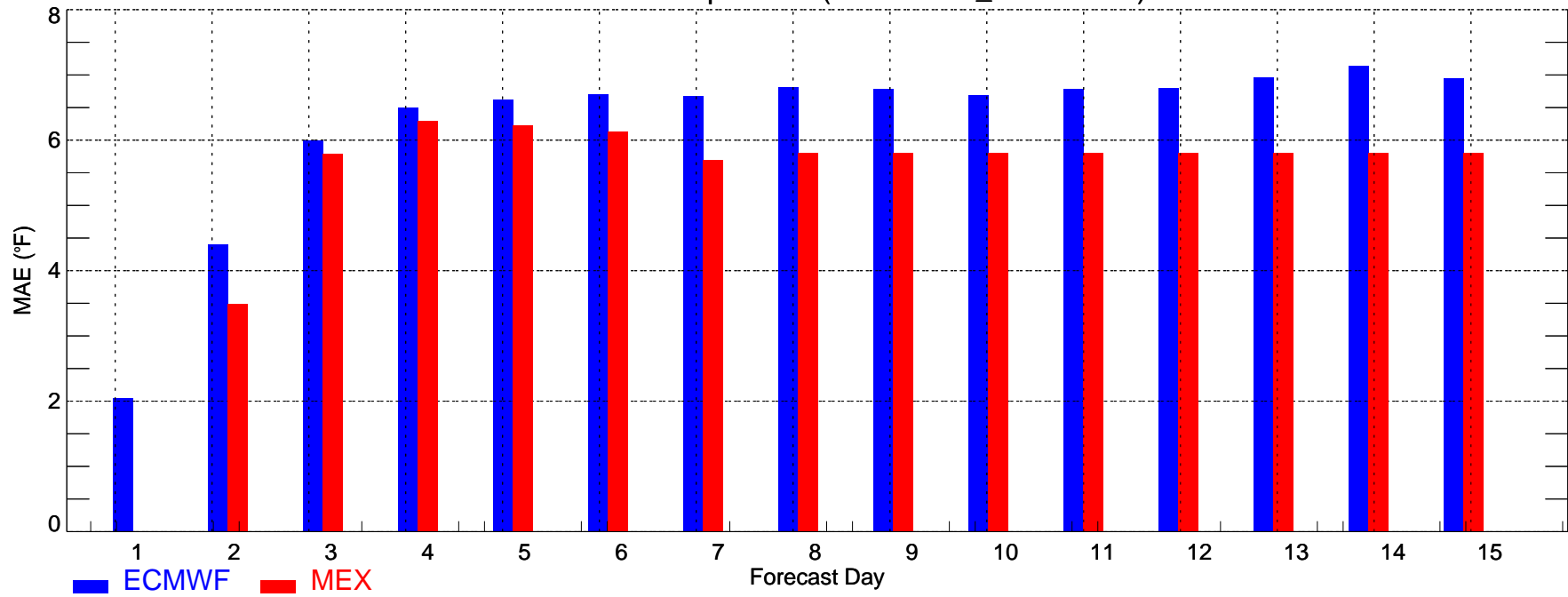
CUST2: Max Temperature (2008-11-01_2008-11-30)



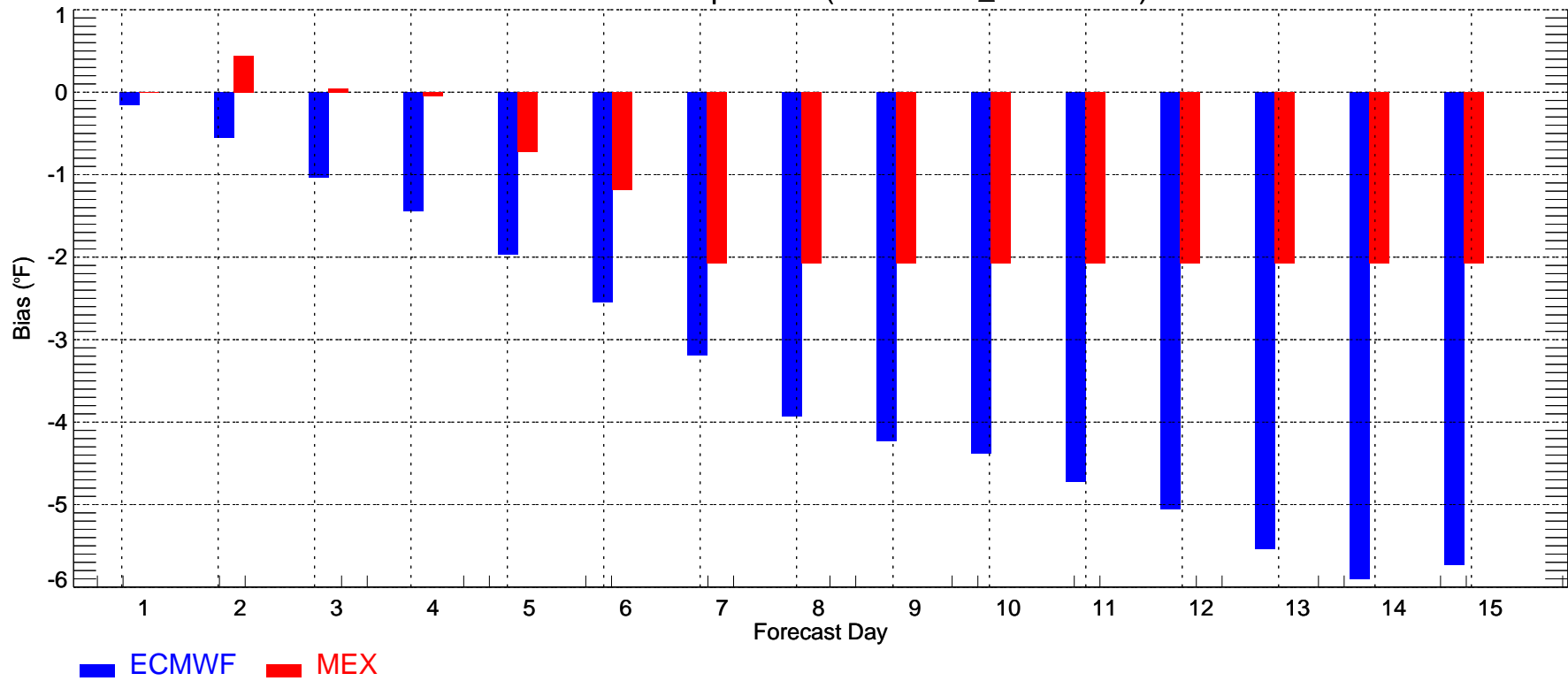
CUST2: Max Temperature (2008-11-01_2008-11-30)



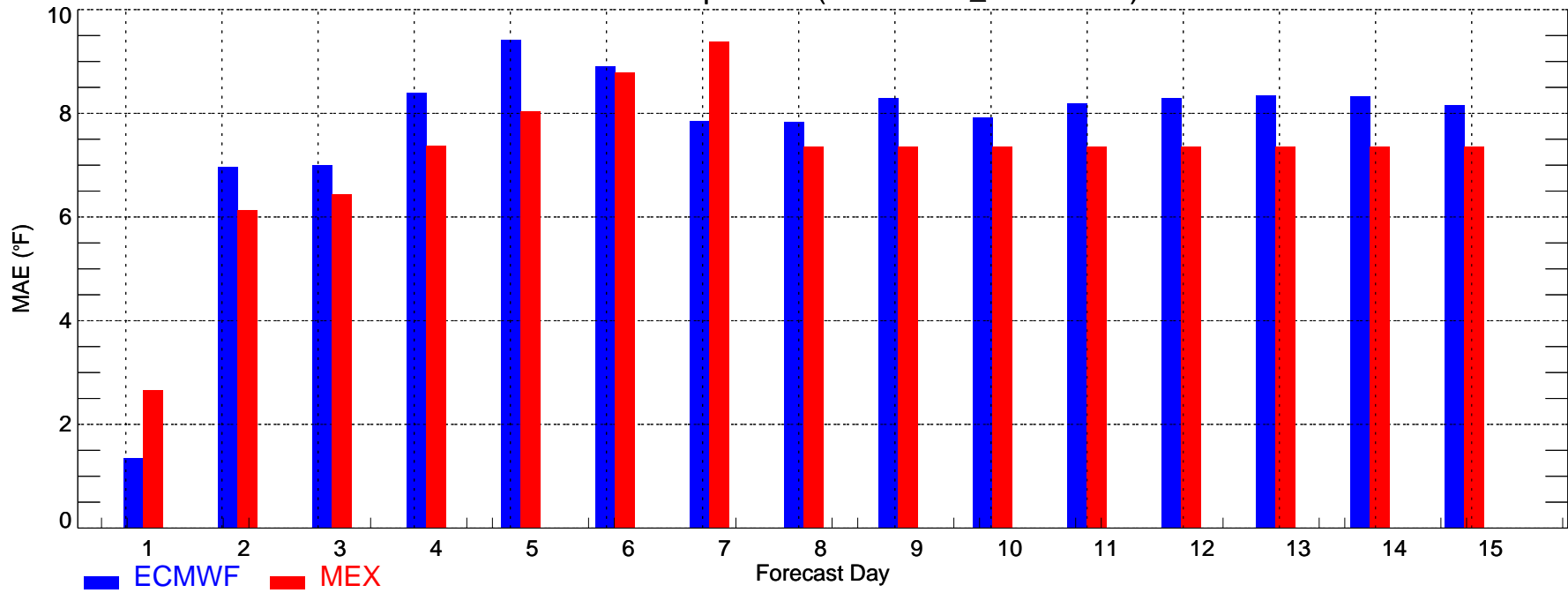
CUST2: Min Temperature (2008-11-01_2008-11-30)



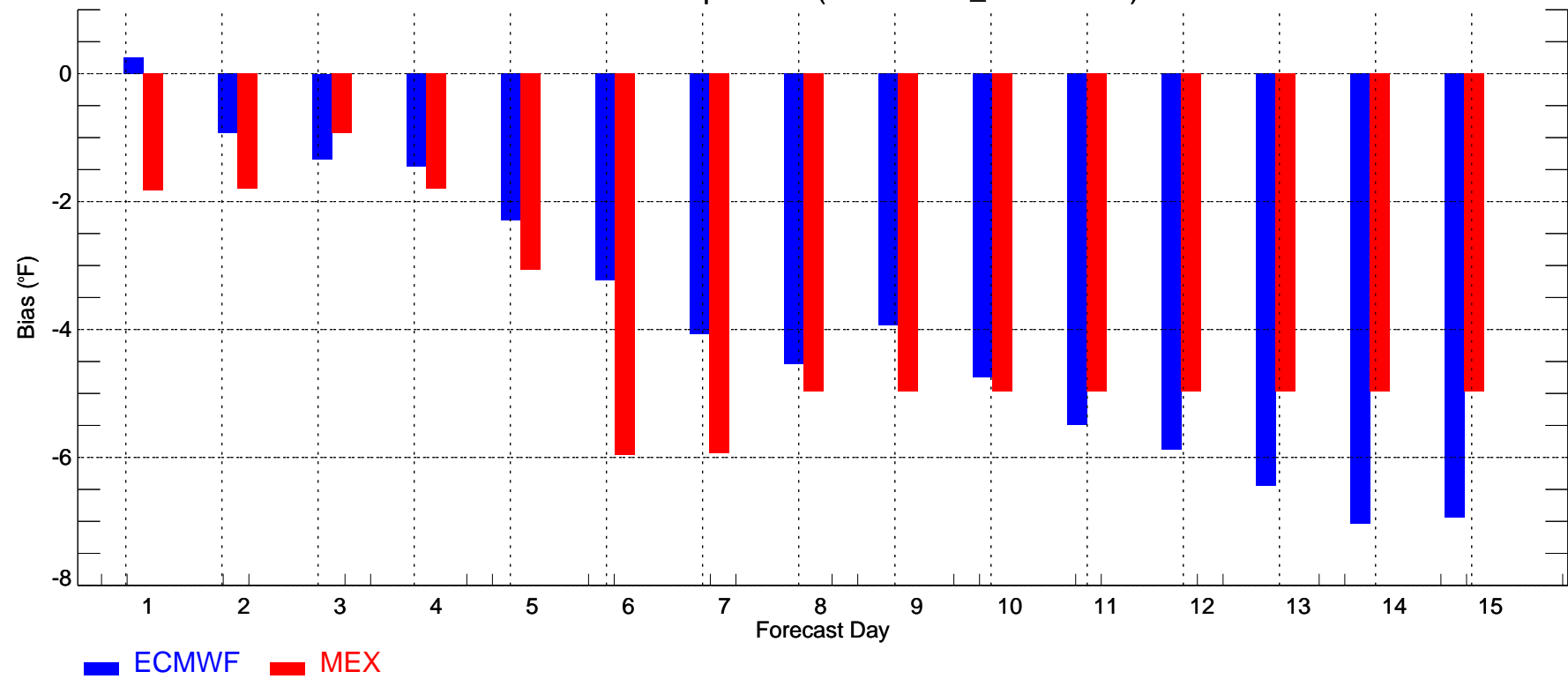
CUST2: Min Temperature (2008-11-01_2008-11-30)



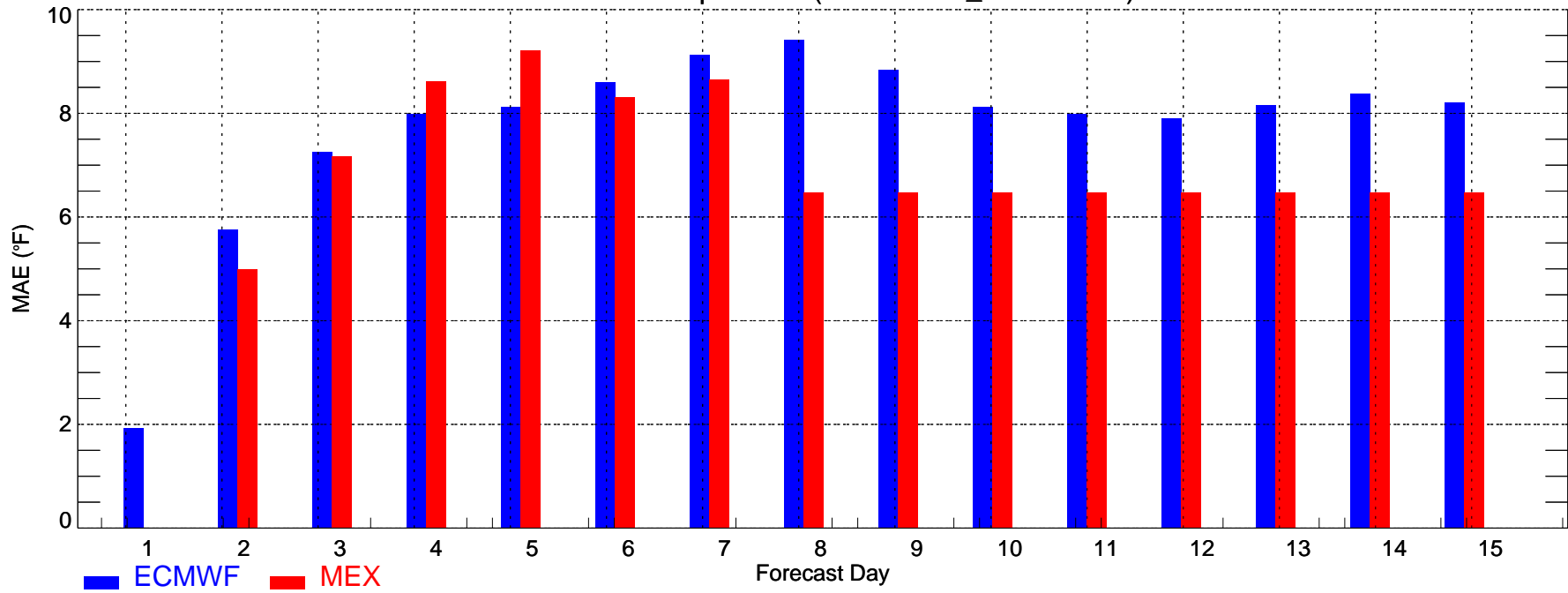
DFW: Max Temperature (2008-11-01_2008-11-30)



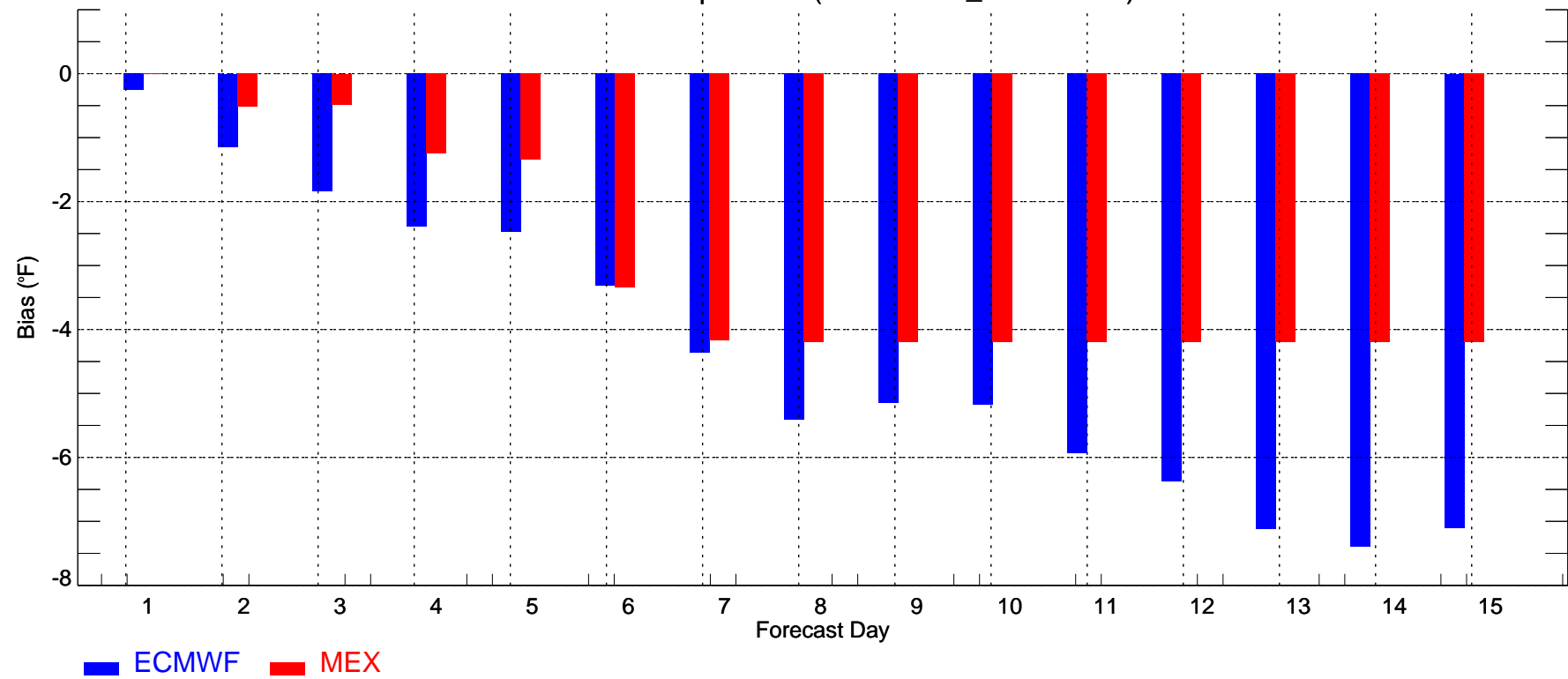
DFW: Max Temperature (2008-11-01_2008-11-30)



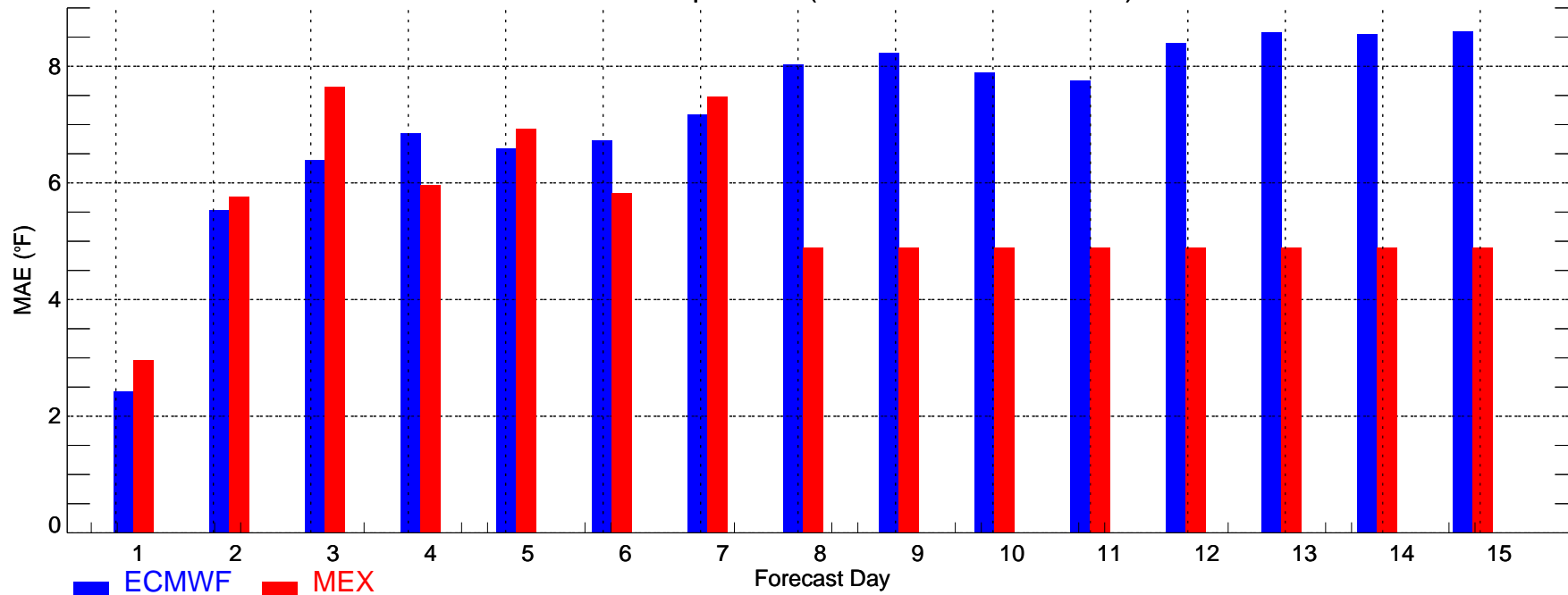
DFW: Min Temperature (2008-11-01_2008-11-30)



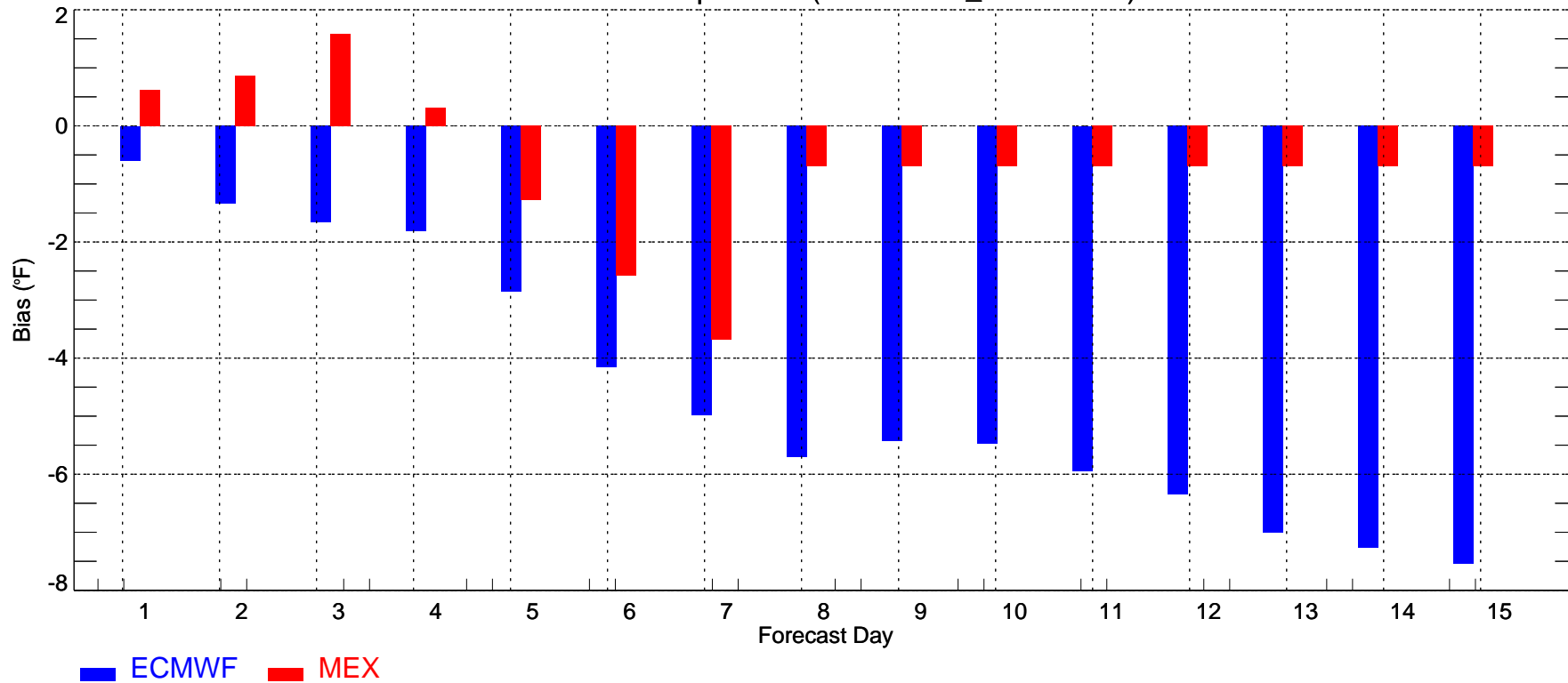
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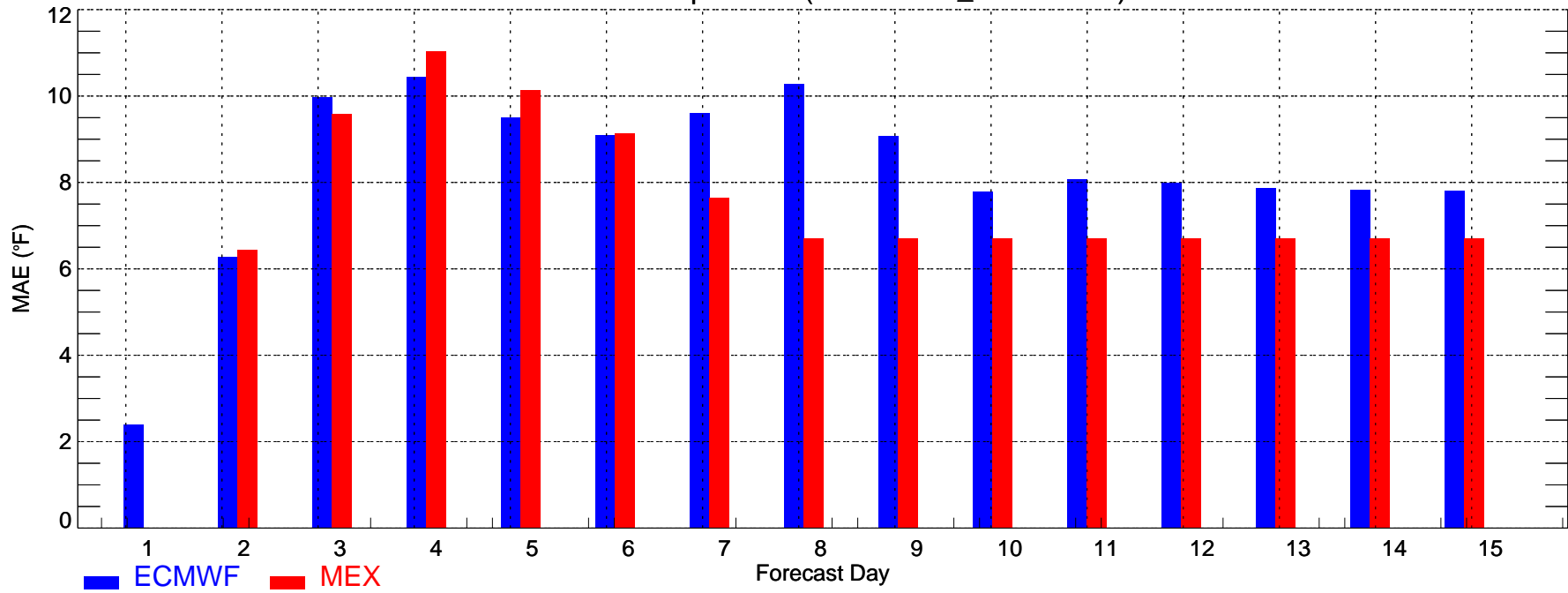
IAH: Max Temperature (2008-11-01_2008-11-30)



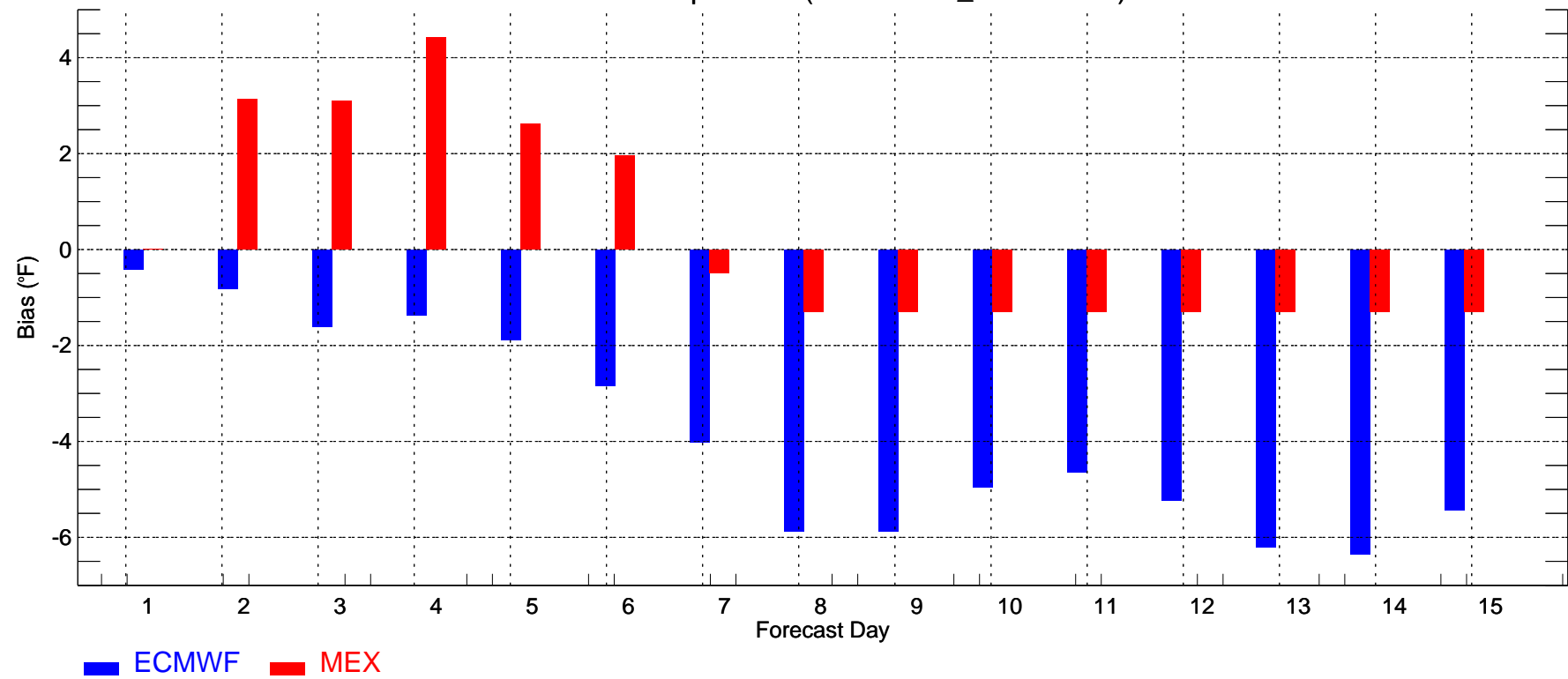
IAH: Max Temperature (2008-11-01_2008-11-30)



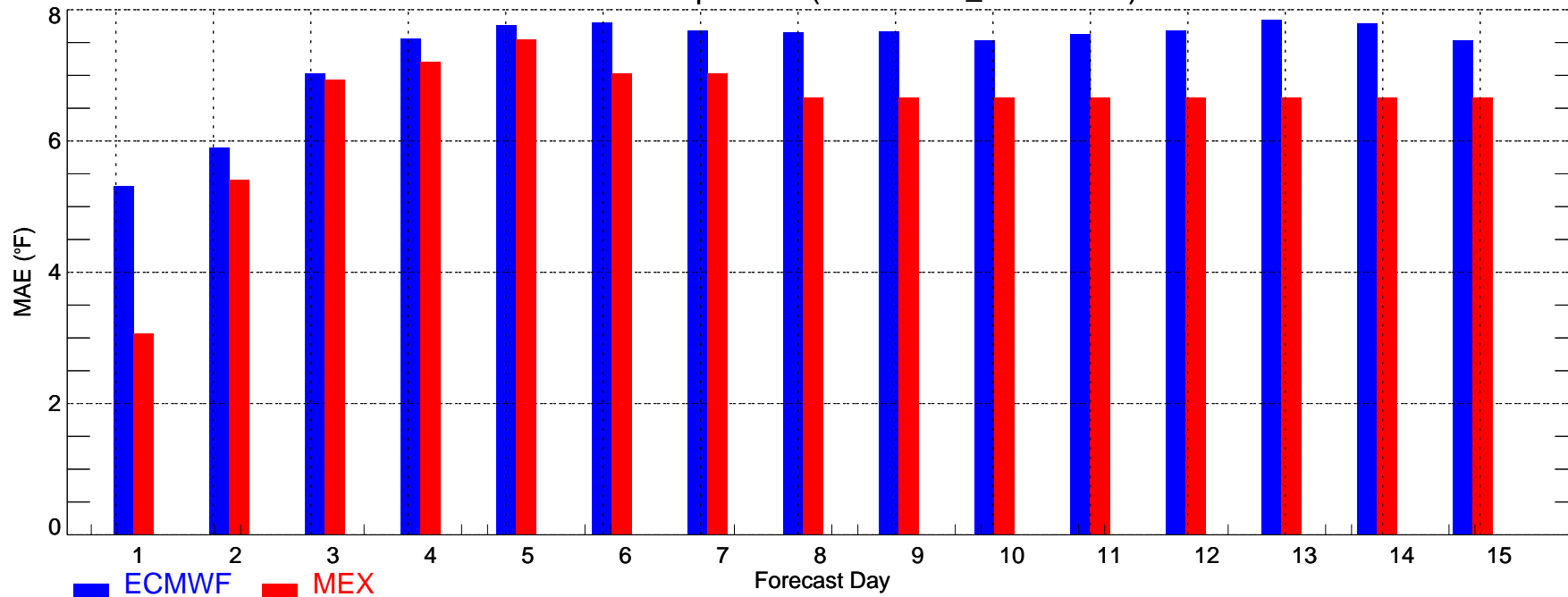
IAH: Min Temperature (2008-11-01_2008-11-30)



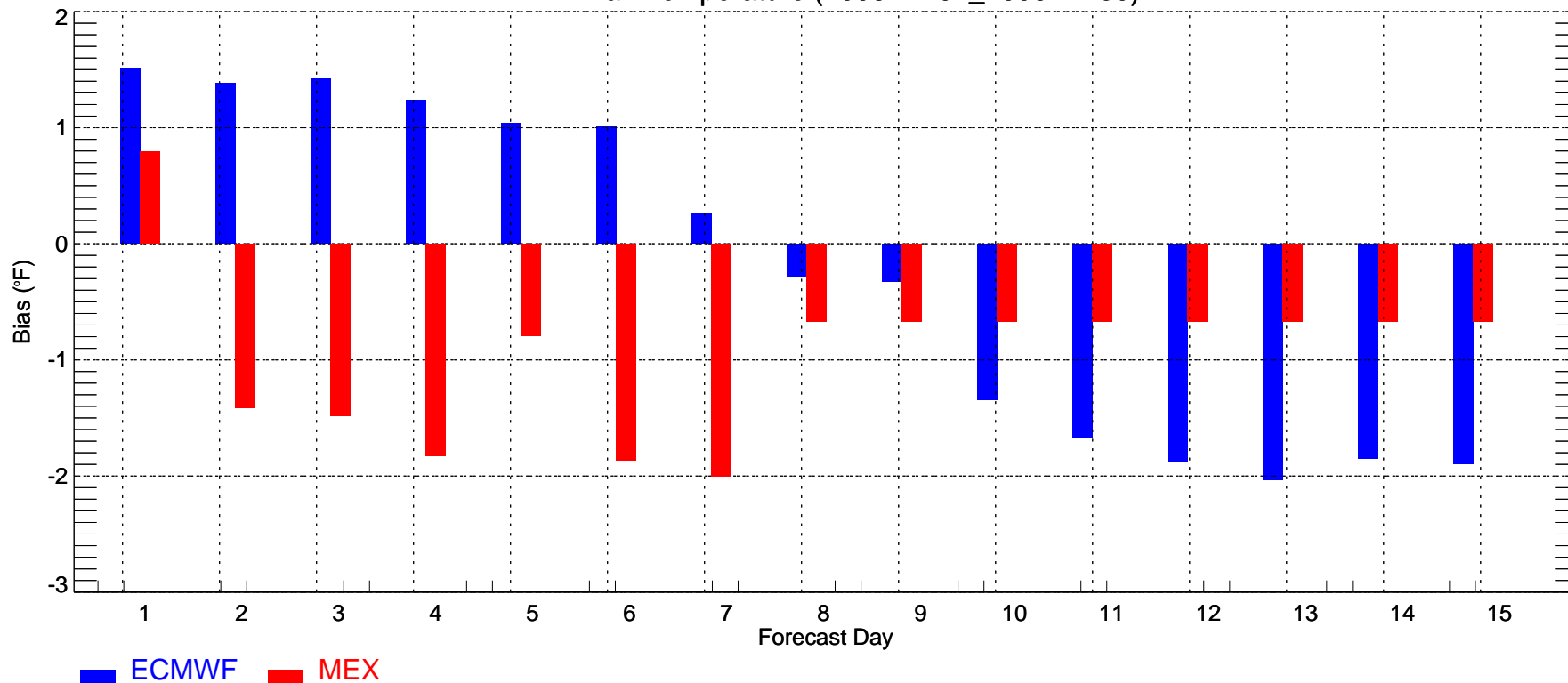
IAH: Min Temperature (2008-11-01_2008-11-30)



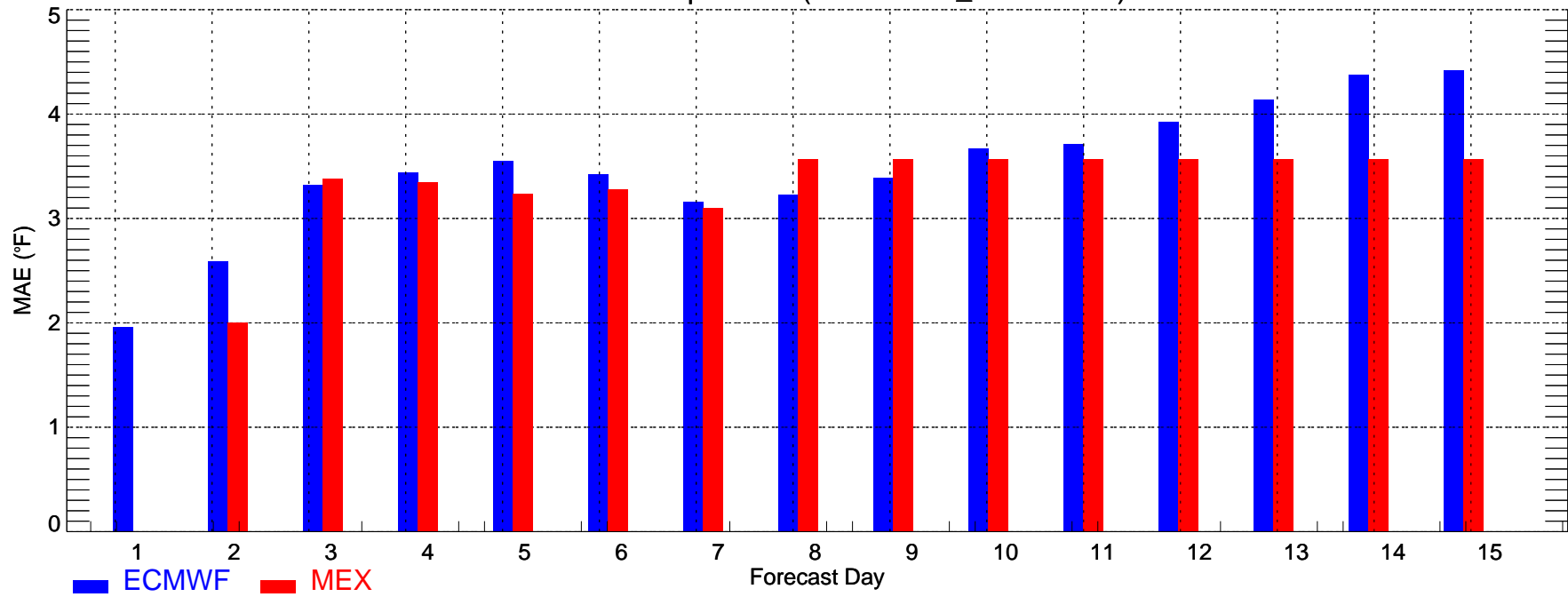
LAX: Max Temperature (2008-11-01_2008-11-30)



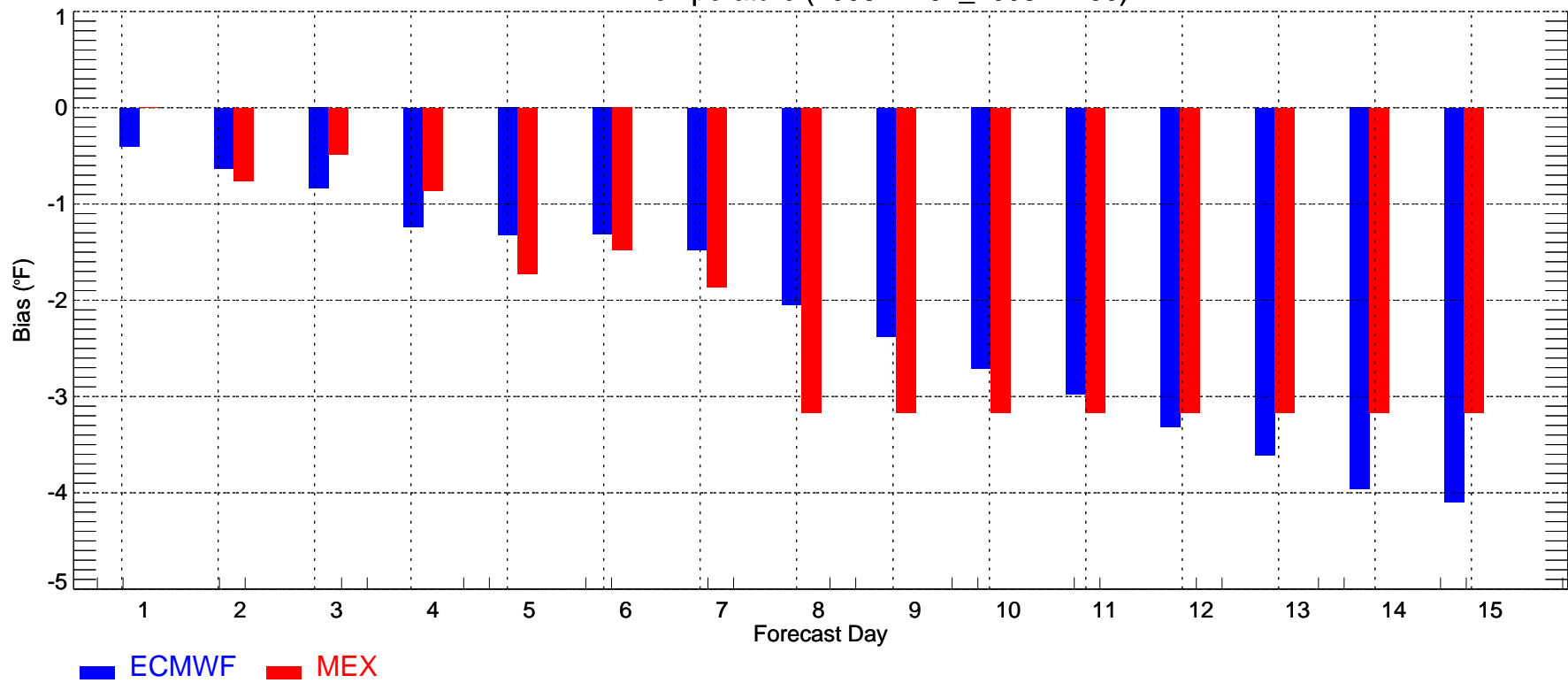
LAX: Max Temperature (2008-11-01_2008-11-30)



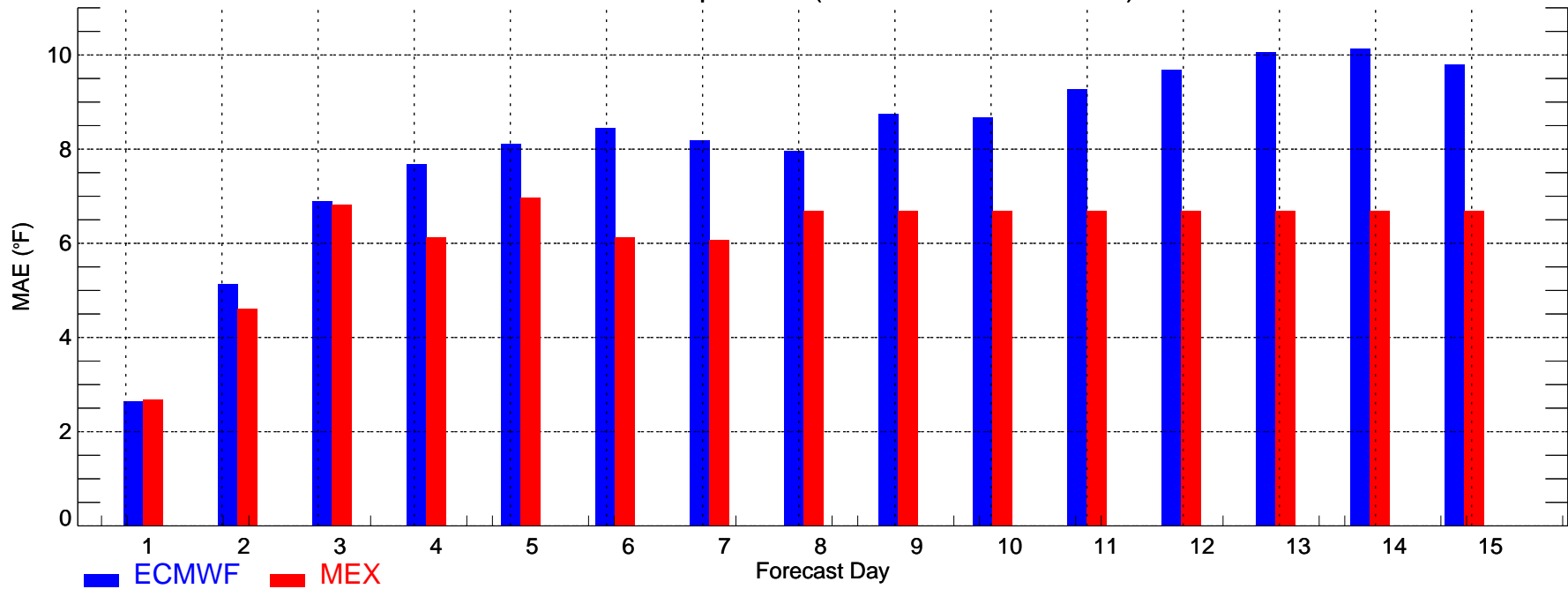
LAX: Min Temperature (2008-11-01_2008-11-30)



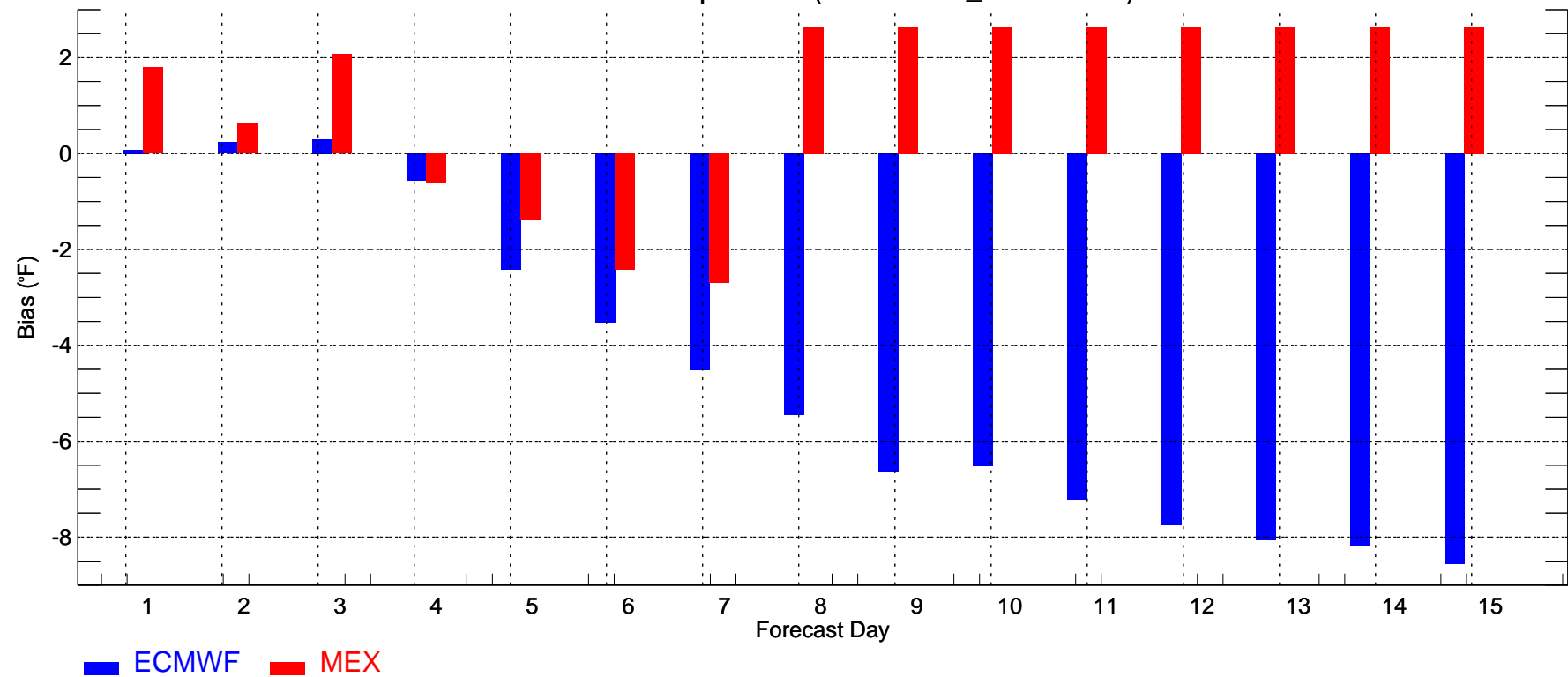
LAX: Min Temperature (2008-11-01_2008-11-30)



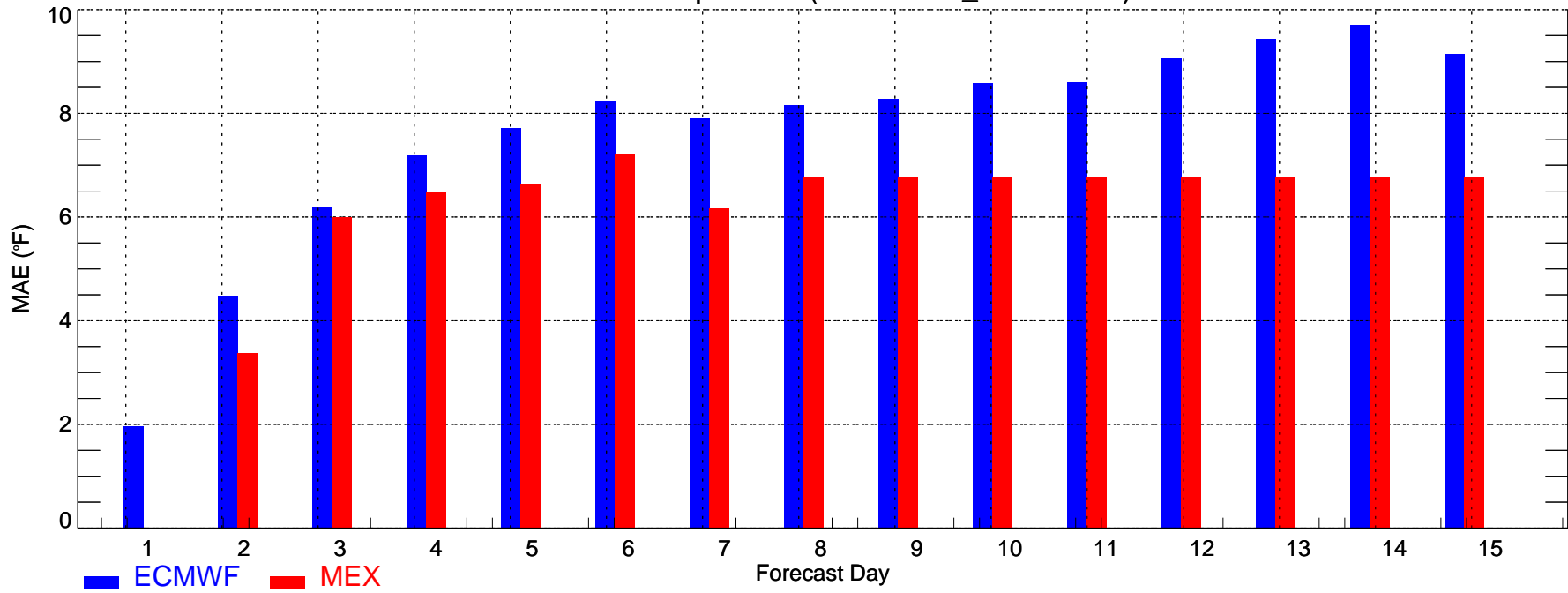
LGA: Max Temperature (2008-11-01_2008-11-30)



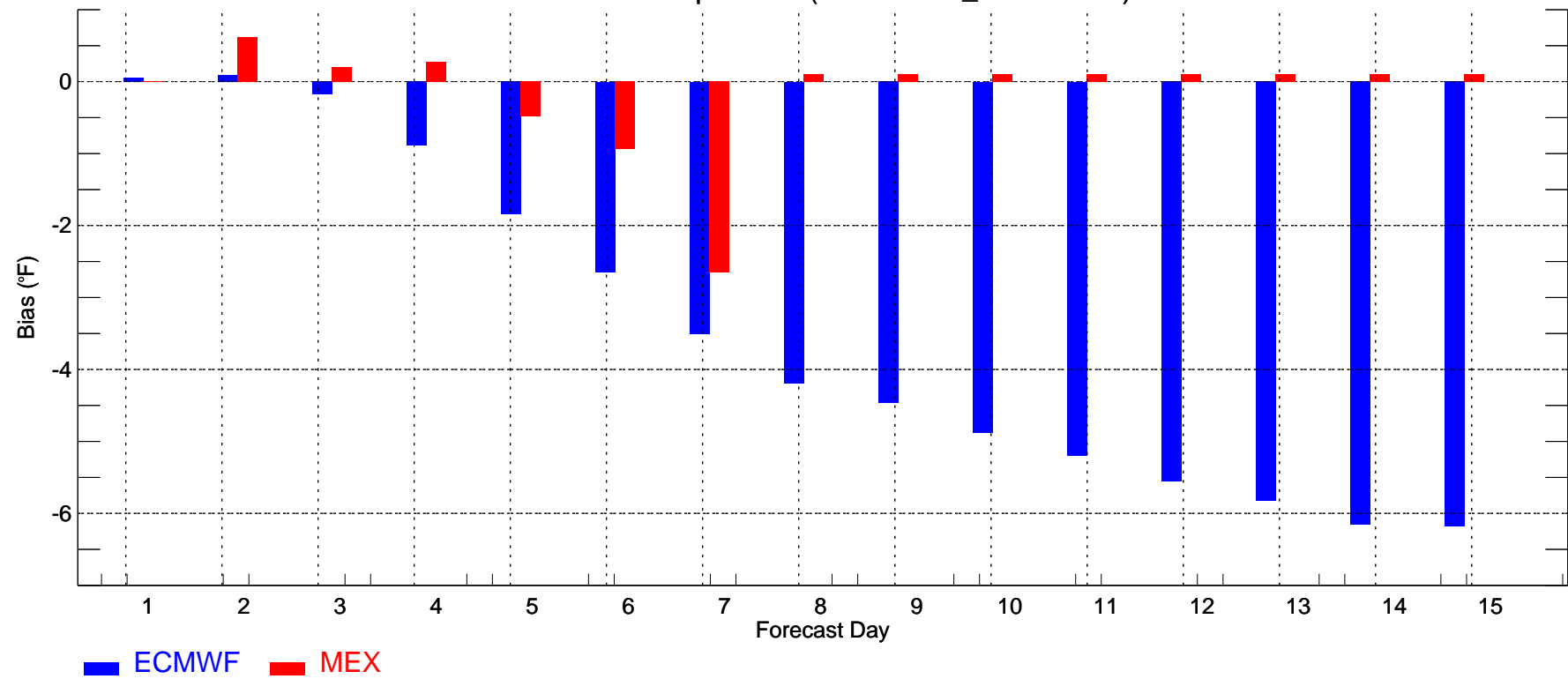
LGA: Max Temperature (2008-11-01_2008-11-30)



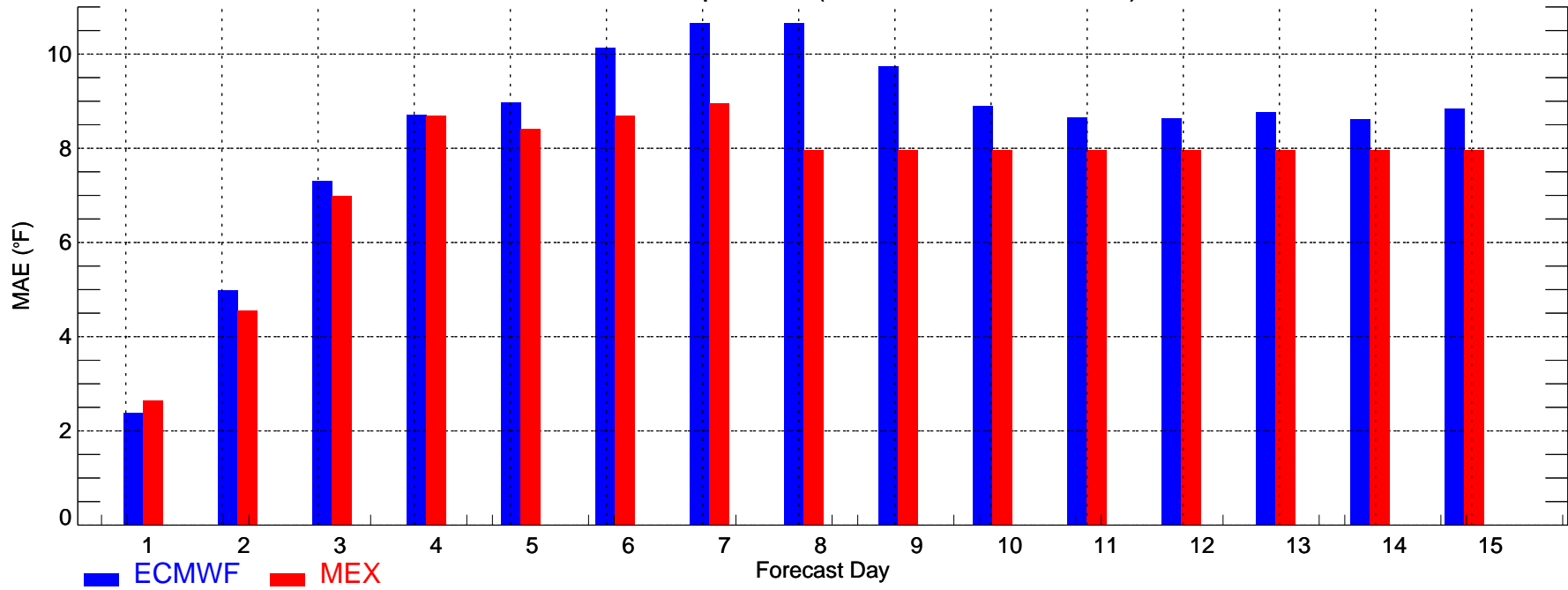
LGA: Min Temperature (2008-11-01_2008-11-30)



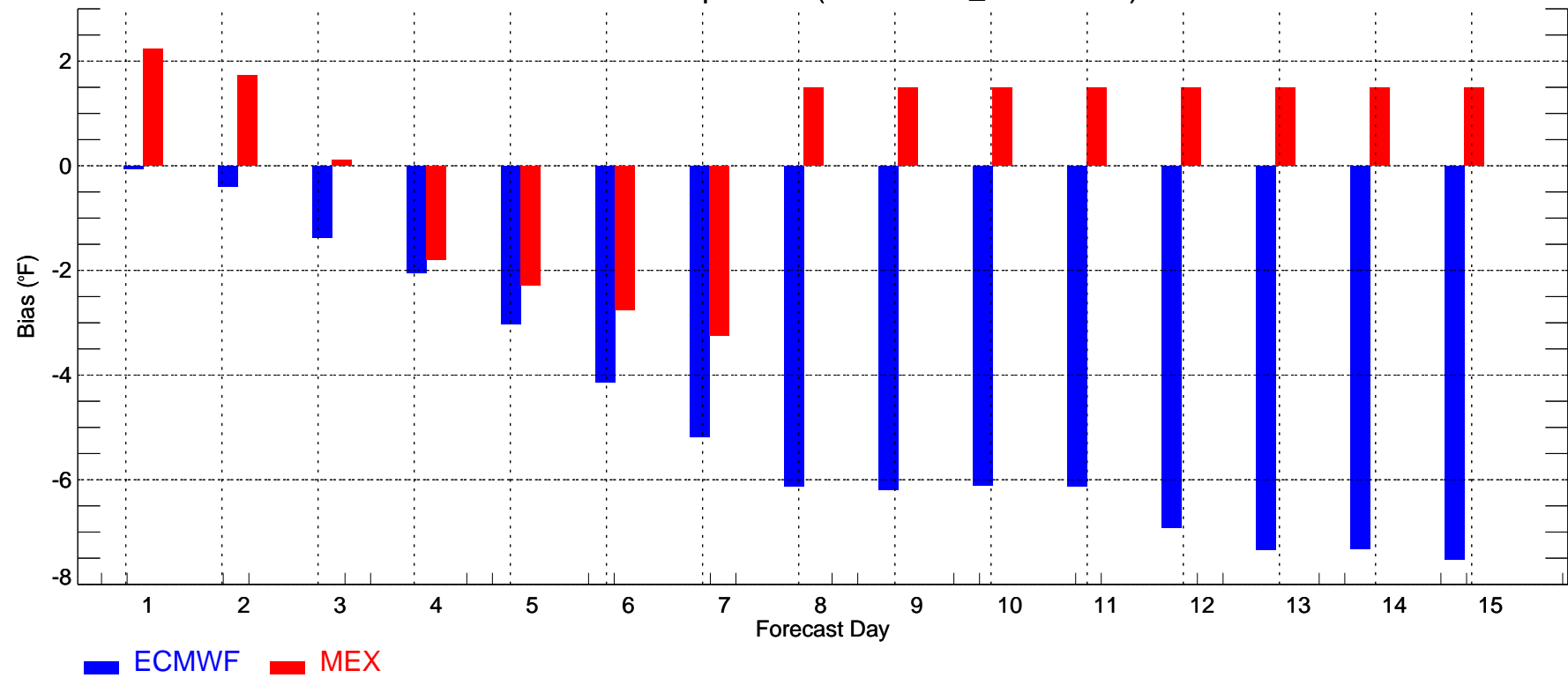
LGA: Min Temperature (2008-11-01_2008-11-30)



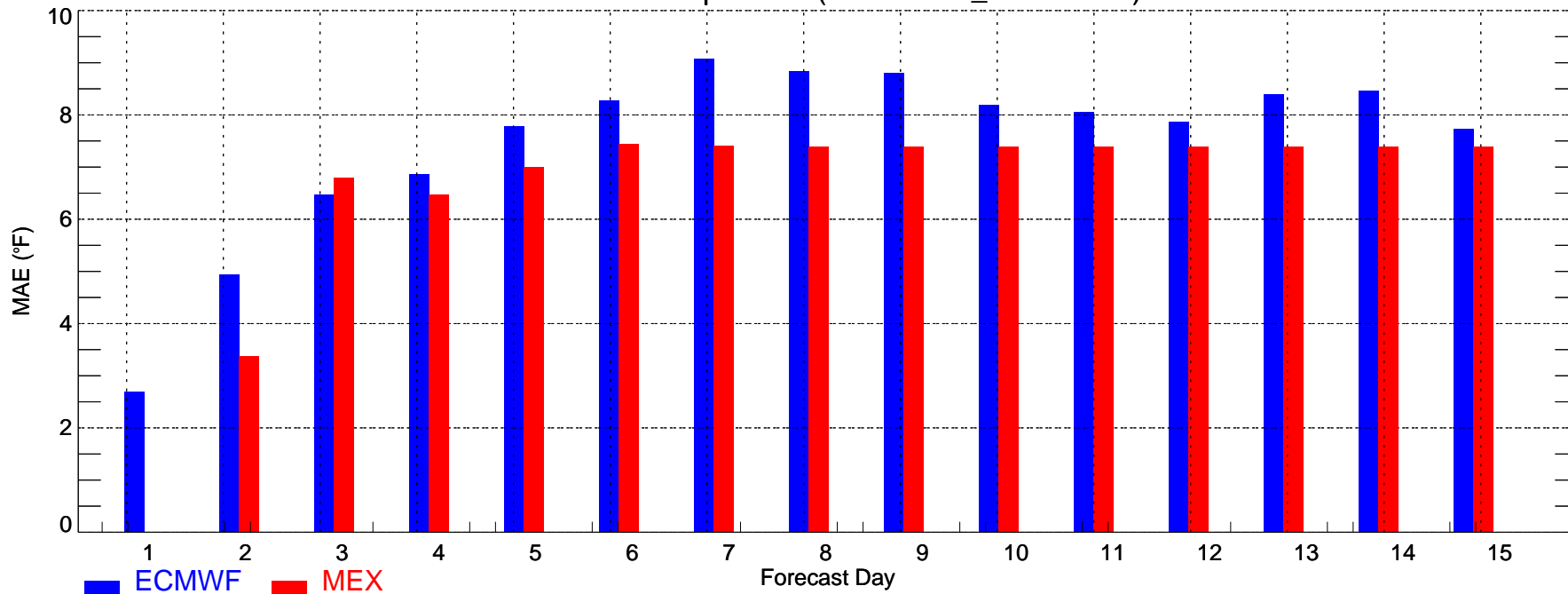
ORD: Max Temperature (2008-11-01_2008-11-30)



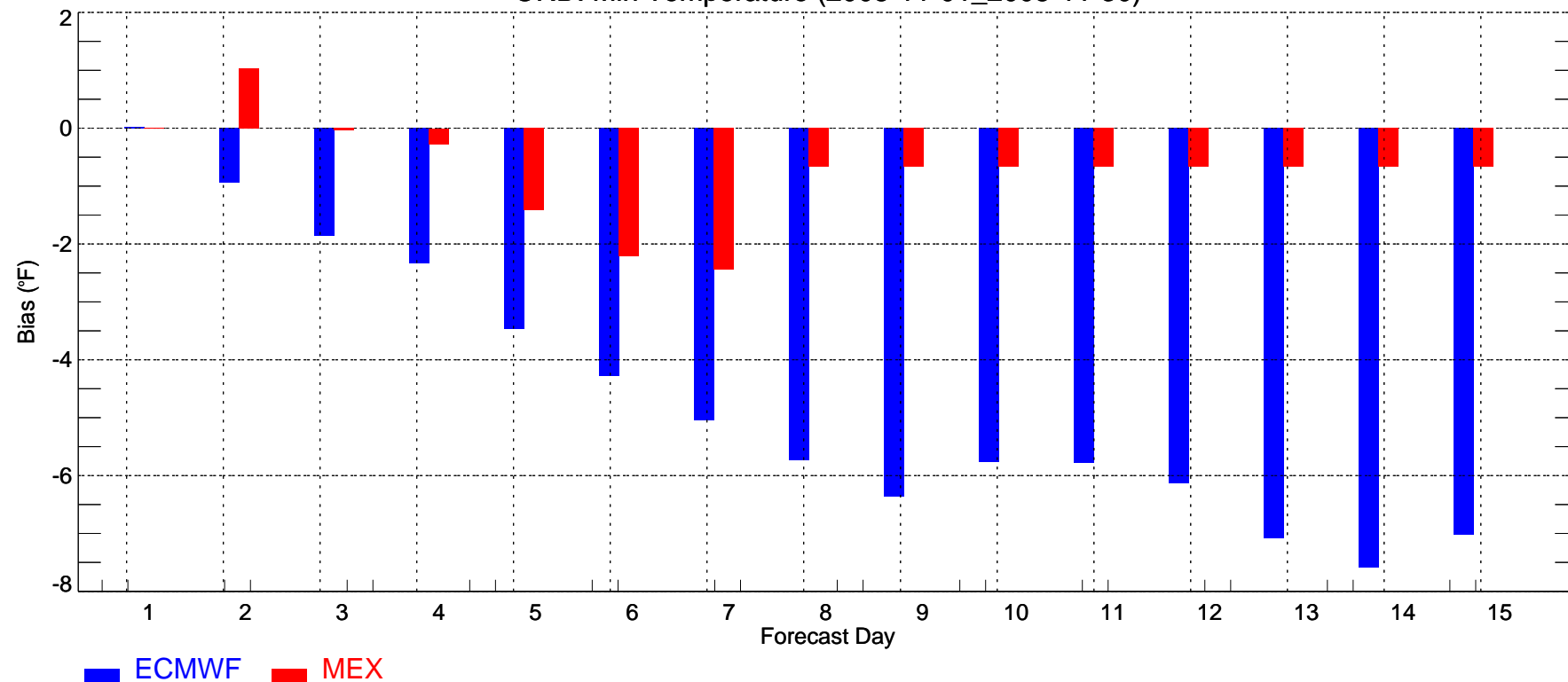
ORD: Max Temperature (2008-11-01_2008-11-30)



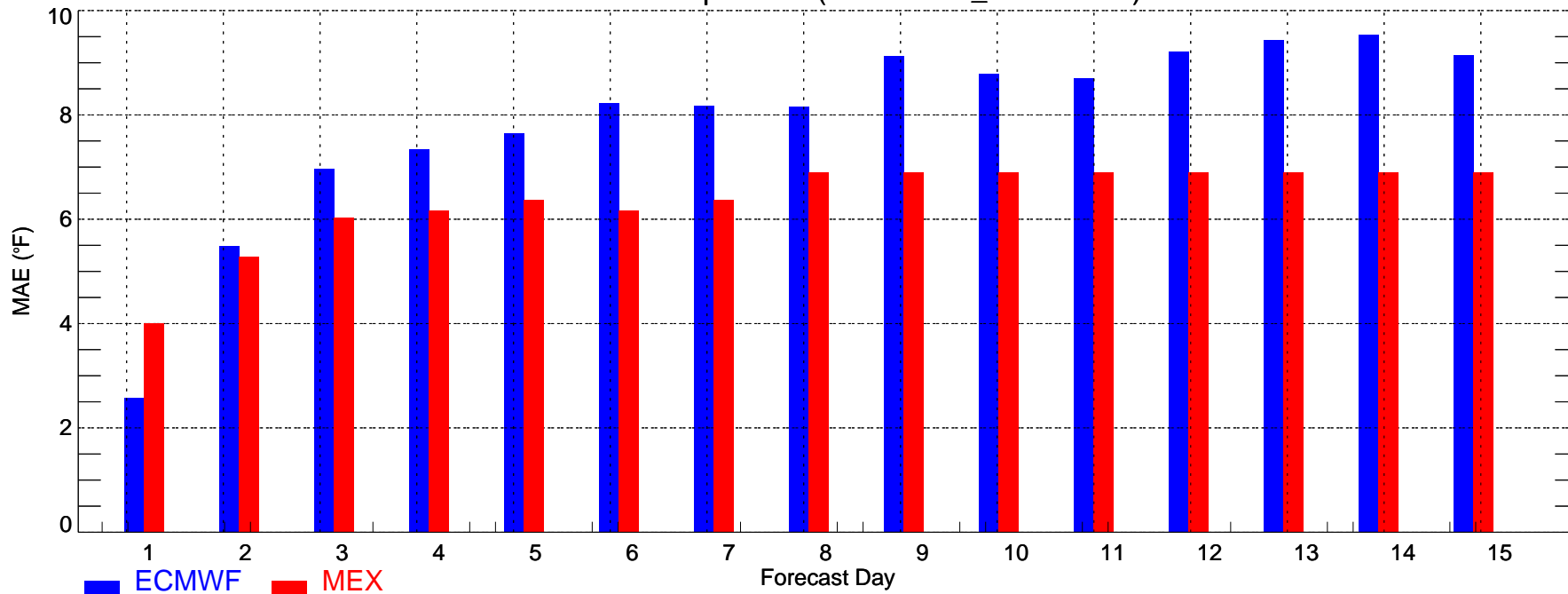
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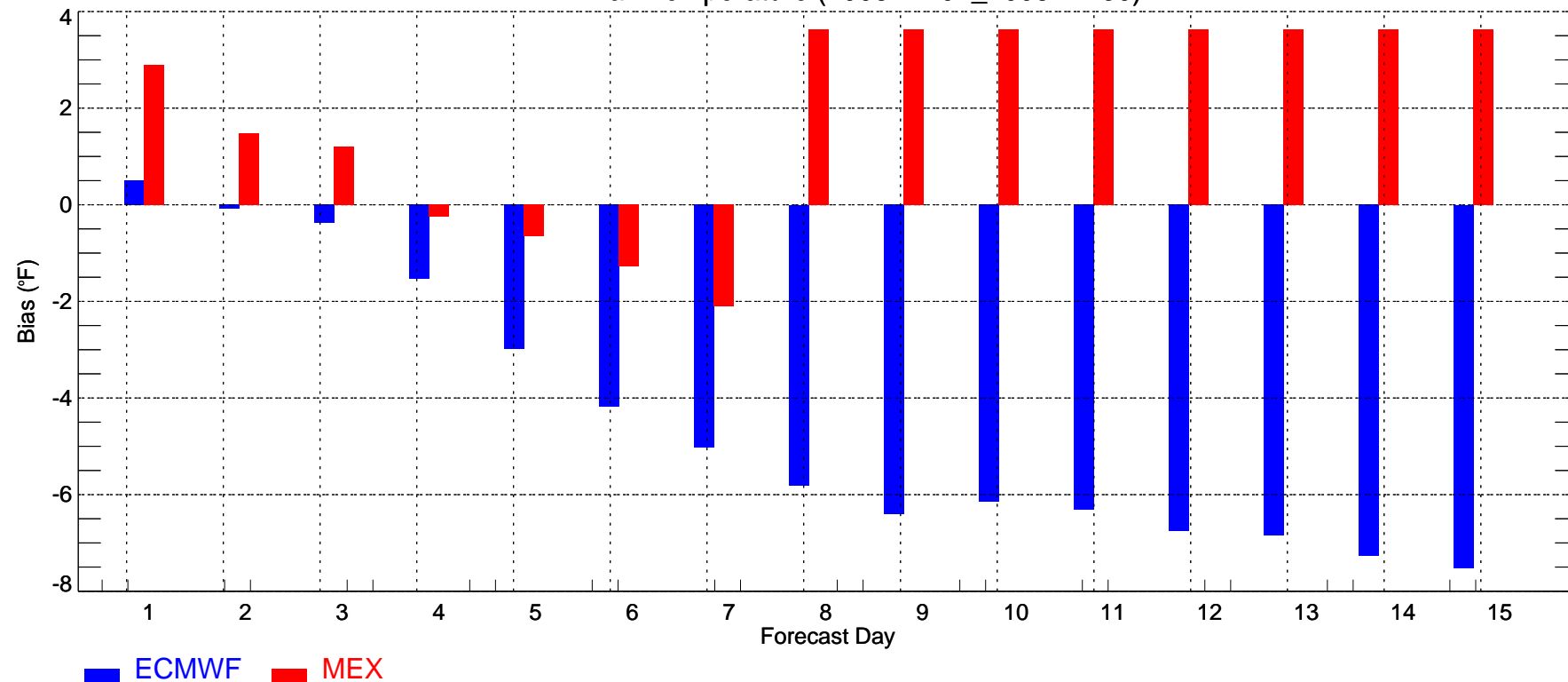
ORD: Min Temperature (2008-11-01_2008-11-30)



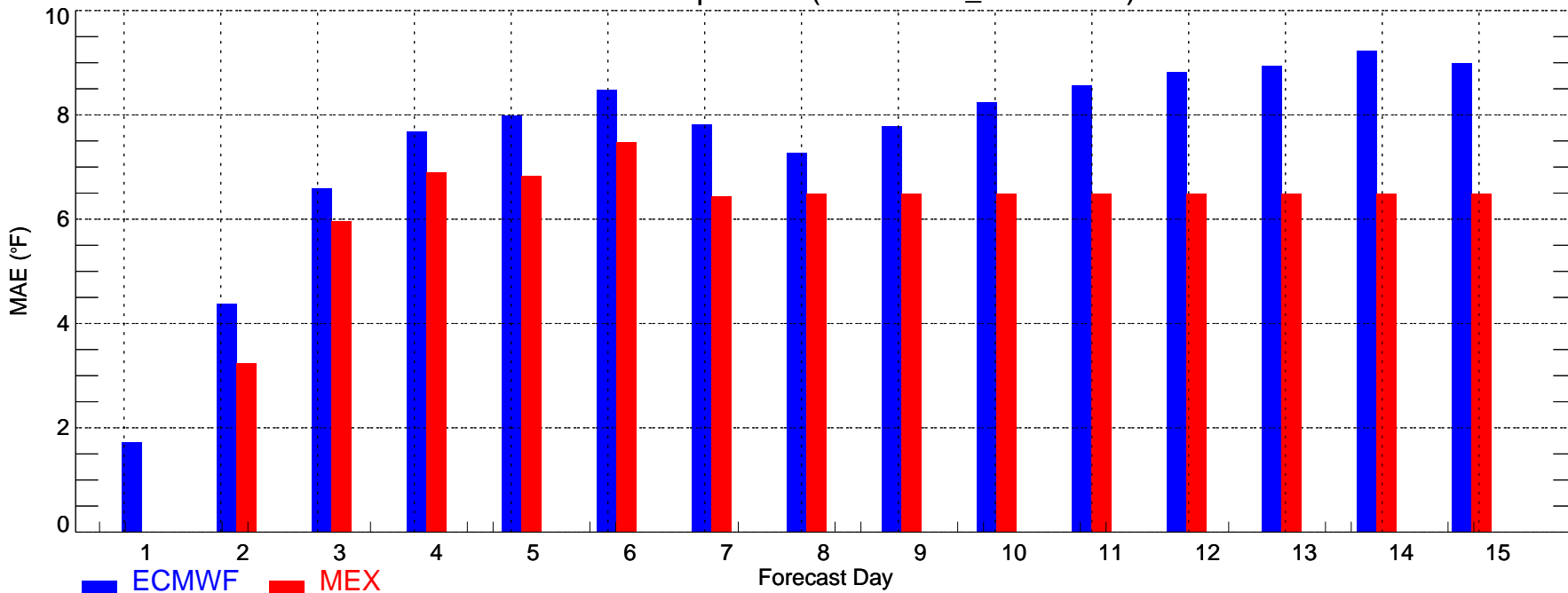
PHL: Max Temperature (2008-11-01_2008-11-30)



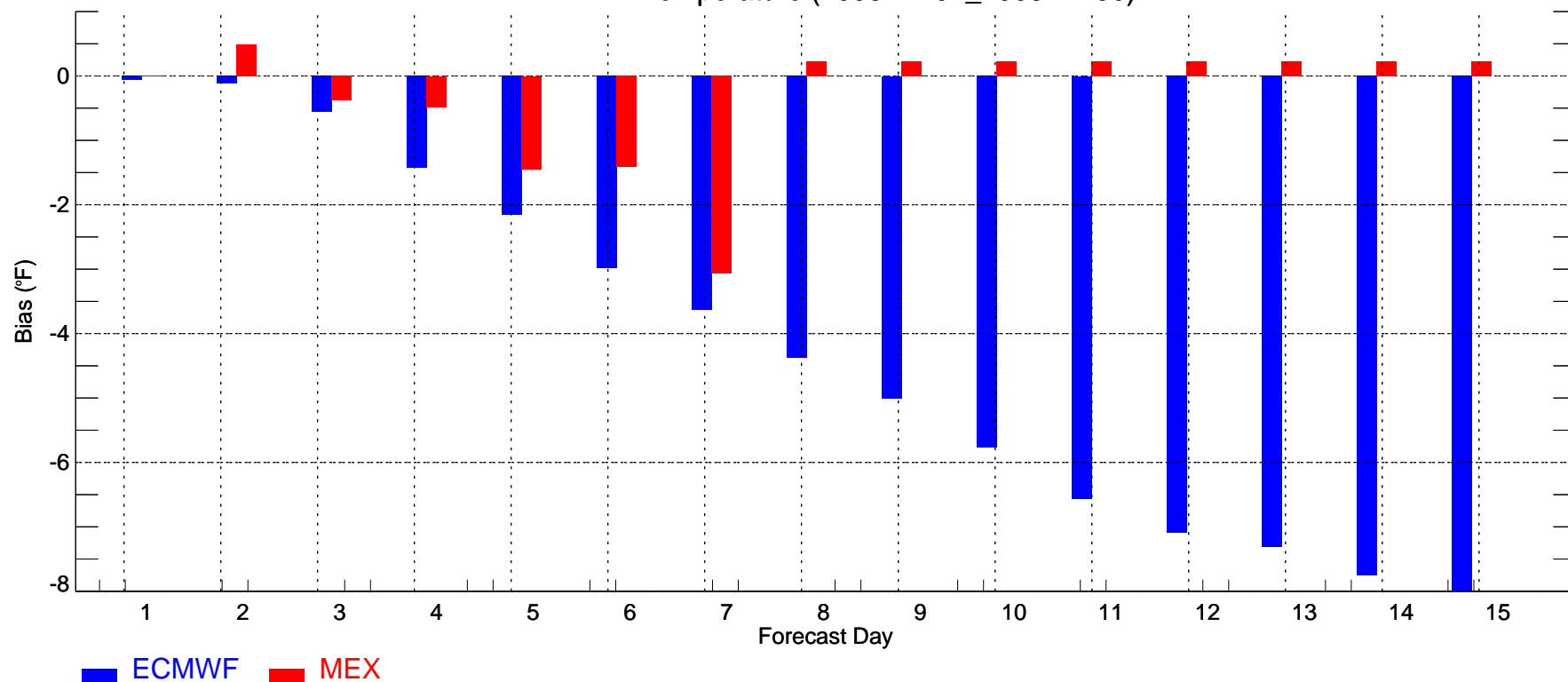
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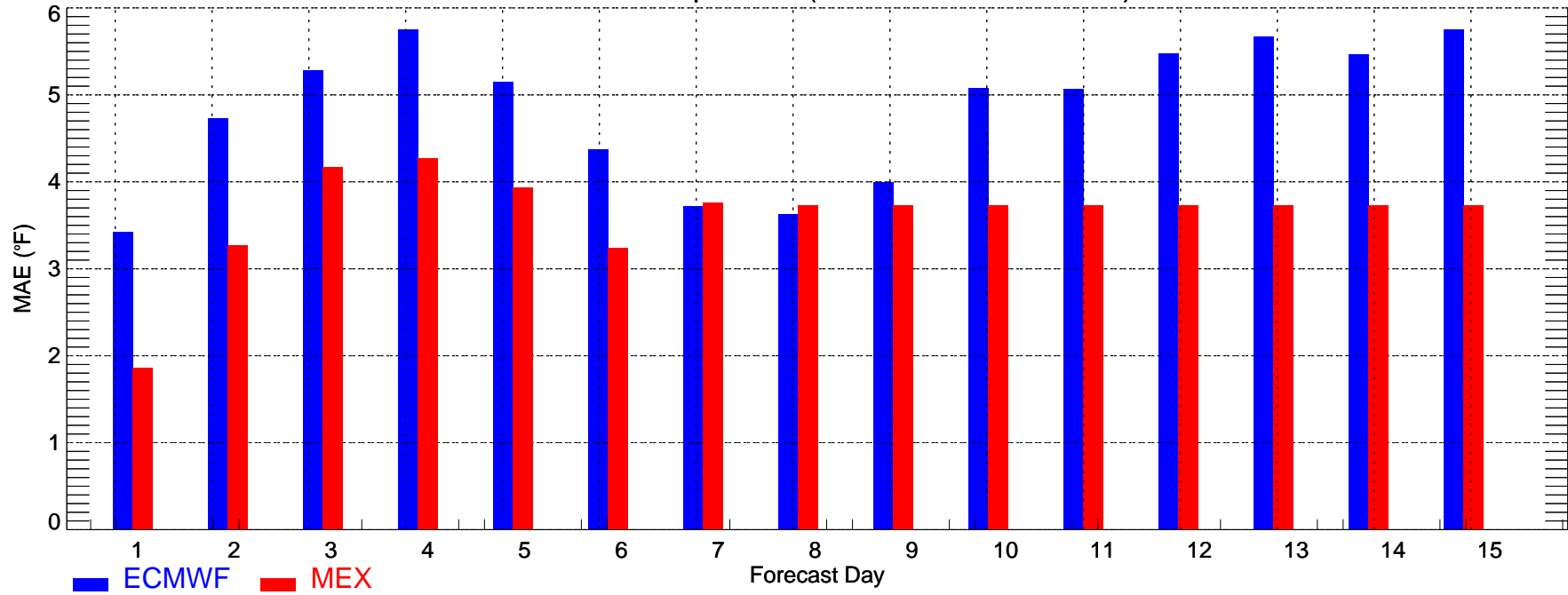
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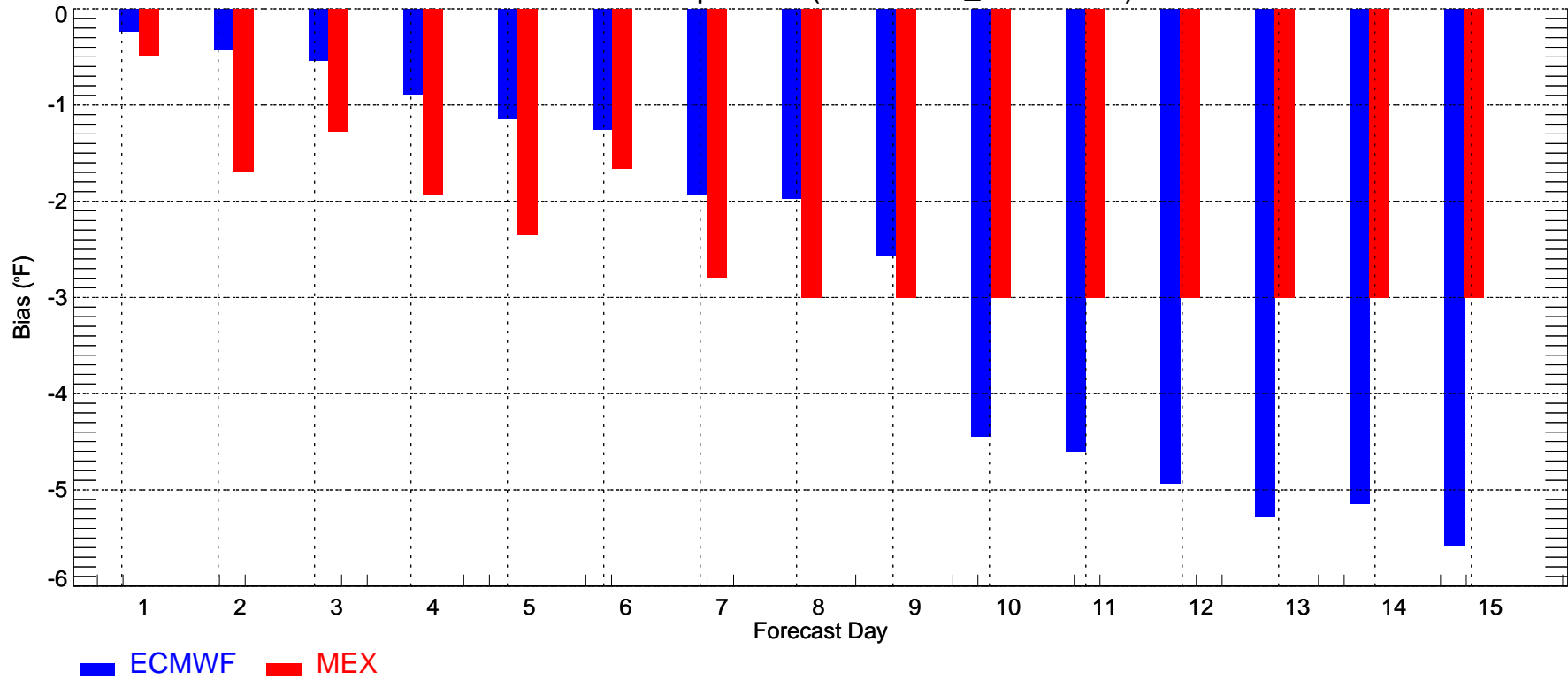
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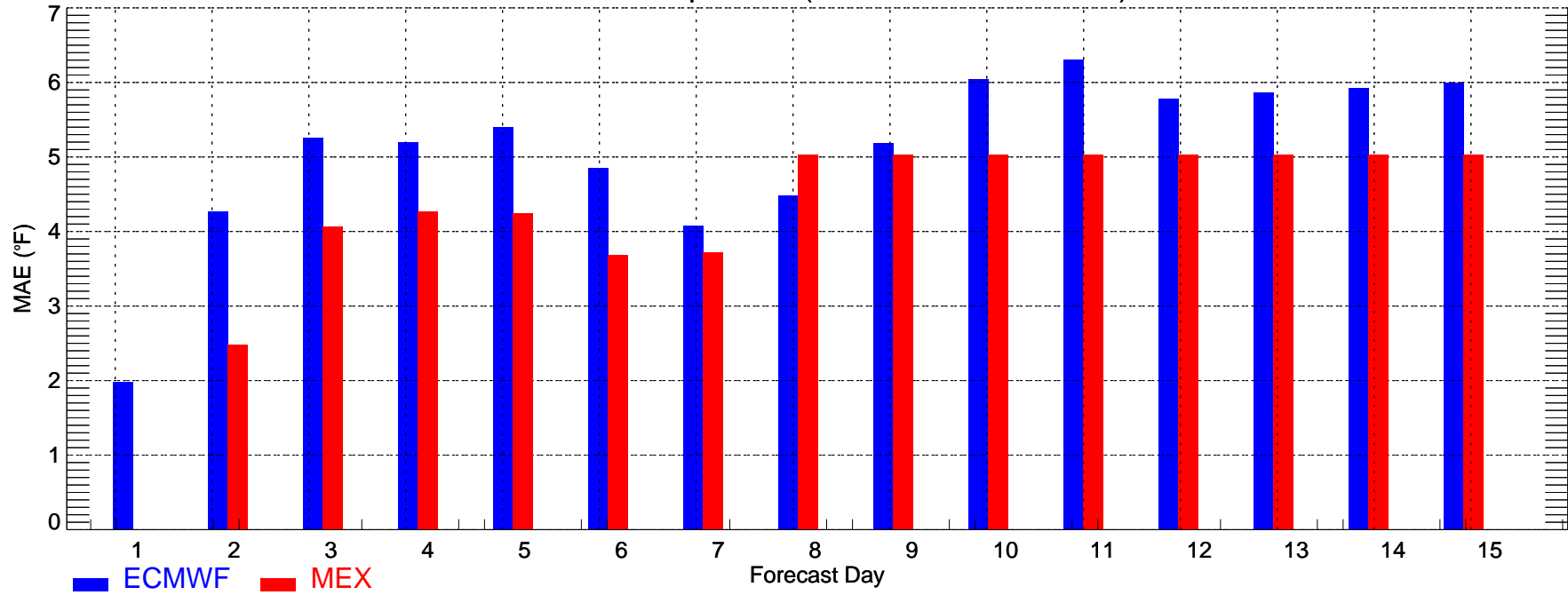
SEA: Max Temperature (2008-11-01_2008-11-30)



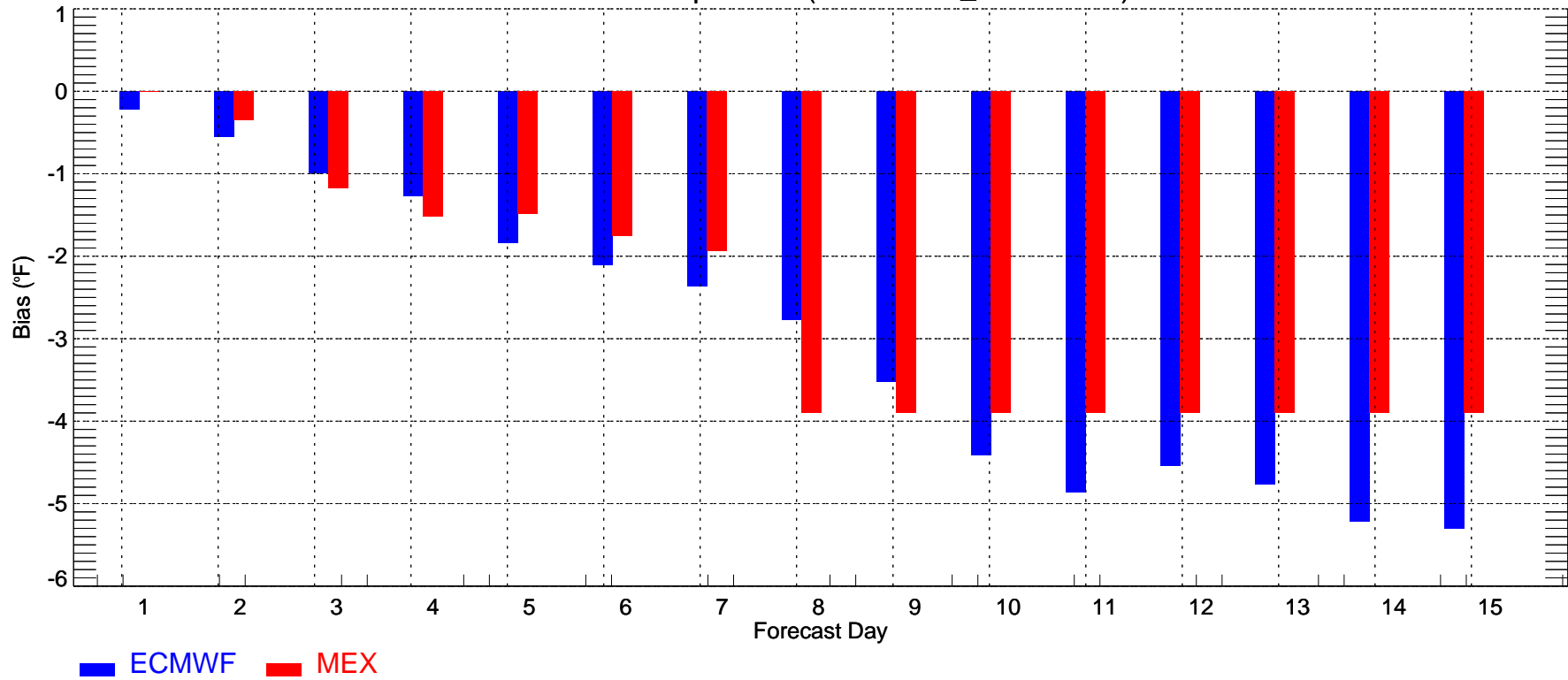
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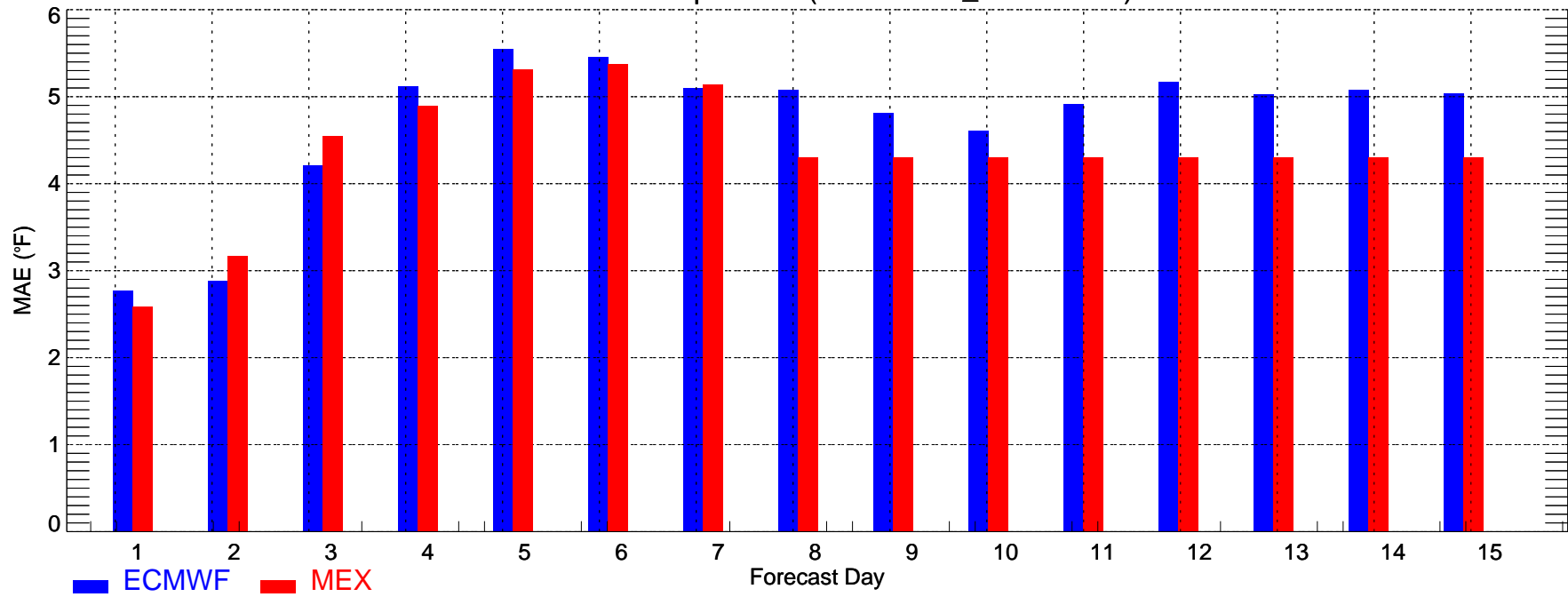
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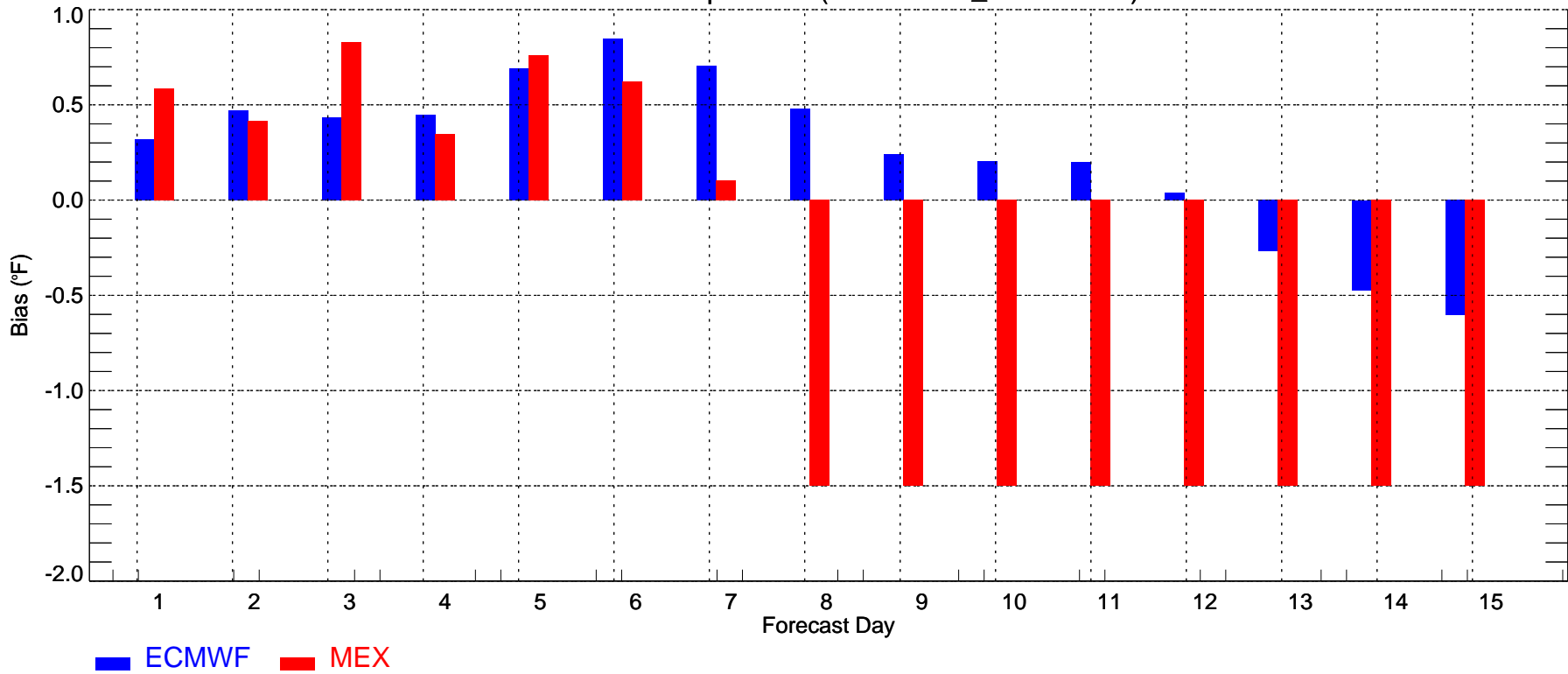
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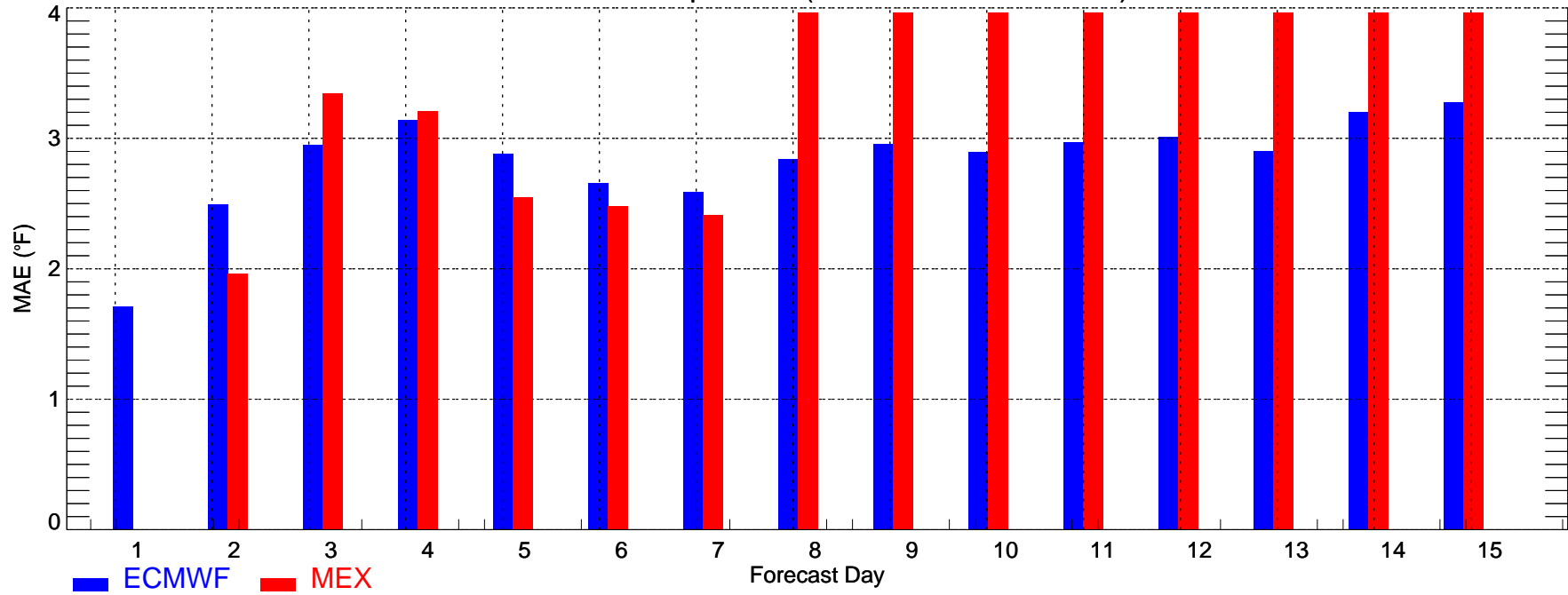
SFO: Max Temperature (2008-11-01_2008-11-30)



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)

