

# eCast Monthly Customized Report for 2007-11-01 ~ 2007-11-30

December 15, 2007

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## ECMWF/MEX MAX Temperature Regional Summary

		MAE (2007-11-01~2007-11-30)														
	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	0.14	2.3/3.1	2.7/3.3	3.0/3.8	3.2/3.8	3.4/4.2	3.8/4.9	4.5/5.2	5.3/6.7	5.5/6.7	6.1/6.7	6.2/6.7	6.2/6.7	6.3/6.7	6.5/6.7	6.2/6.7

		Bias (2007-11-01~2007-11-30)														
	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	0.10	0.5/1.1	0.4/0.8	0.4/1.5	-0.1/0.6	0.2/0.5	0.3/0.5	0.2/0.2	0.1/0.4	-0.0/0.4	0.3/0.4	-0.3/0.4	-0.6/0.4	-0.4/0.4	0.1/0.4	0.5/0.4

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:  $2.0 > B \geq -2.0$       blue:  $B \leq -4.0$

avg\_bias: average of ECMWF-value

## ECMWF/MEX MIN Temperature Regional Summary

### MAE (2007-11-01~2007-11-30)

	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	0.05	1.9/2.6	2.0/2.8	2.2/2.8	2.8/3.1	3.1/3.2	3.5/3.5	3.8/3.8	4.3/4.6	4.7/4.6	4.5/4.6	4.8/4.6	4.9/4.6	4.8/4.6	4.8/4.6	4.8/4.6

### Bias (2007-11-01~2007-11-30)

	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	-0.61	-0.1/0.7	-0.3/0.5	-0.2/0.7	-0.4/0.7	-0.4/0.4	-0.6/0.9	-0.7/0.6	-0.7/-1.5	-0.8/-1.5	-0.9/-1.5	-1.3/-1.5	-1.3/-1.5	-1.0/-1.5	-0.7/-1.5	0.2/-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  $(1 - \text{ECMWF-value} / \text{MEX-value})$

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

avg\_bias: average of ECMWF-value

# ECMWF/MEX MAX Temperature in CUST2

	S-score	MAE (2007-11-01~2007-11-30)														
		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	0.01	1.5/1.3	1.4/1.3	1.9/1.6	2.1/1.5	1.7/2.0	2.3/2.3	2.3/2.8	3.2/3.1	2.9/3.1	2.9/3.1	2.9/3.1	2.6/3.1	3.0/3.1	2.9/3.1	2.9/3.1
SFO	0.03	3.0/2.9	3.3/3.4	3.3/3.8	3.2/3.9	3.3/4.1	3.4/4.1	4.1/4.4	4.2/3.6	4.2/3.6	3.8/3.6	3.8/3.6	3.7/3.6	3.4/3.6	3.5/3.6	3.7/3.6
LAX	0.03	5.2/5.3	6.5/6.4	6.6/6.6	6.5/6.9	7.2/7.2	7.5/7.3	7.8/7.7	7.9/7.7	7.7/7.7	7.6/7.7	7.8/7.7	7.3/7.7	6.8/7.7	6.9/7.7	6.7/7.7
LGA	0.12	1.5/2.7	1.7/2.6	2.1/4.1	2.6/3.3	2.6/2.9	2.8/4.1	3.9/3.9	5.2/6.3	5.0/6.3	6.1/6.3	6.2/6.3	6.6/6.3	7.2/6.3	7.8/6.3	7.1/6.3
ORD	0.18	1.5/3.6	2.0/3.5	2.7/4.2	2.7/3.4	2.9/4.4	3.2/4.9	4.4/4.6	4.6/5.9	4.9/5.9	6.0/5.9	5.6/5.9	5.9/5.9	5.8/5.9	6.1/5.9	6.2/5.9
IAH	0.18	1.7/2.2	2.1/2.4	2.2/2.7	3.1/3.9	3.4/4.0	3.8/5.5	4.4/5.5	5.0/8.4	5.6/8.4	7.1/8.4	7.8/8.4	7.9/8.4	7.7/8.4	7.7/8.4	7.0/8.4
DFW	0.21	2.0/2.2	2.5/2.9	2.9/3.3	3.5/3.1	3.4/4.8	4.2/6.0	5.0/7.3	6.6/10.7	7.5/10.7	8.1/10.7	8.5/10.7	8.4/10.7	8.6/10.7	8.6/10.7	7.8/10.7
PHL	0.24	1.7/4.3	1.7/3.7	2.0/4.0	2.2/4.4	2.9/4.2	3.0/4.7	4.4/5.2	5.8/7.8	5.9/7.8	7.1/7.8	7.0/7.8	7.4/7.8	7.8/7.8	8.5/7.8	8.3/7.8

	avg-bias	Bias (2007-11-01~2007-11-30)														
		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
SFO	-0.41	0.4/1.1	1.3/2.7	1.0/3.3	0.3/2.8	0.3/2.8	0.4/2.3	-0.1/2.8	-0.4/-0.5	-0.4/-0.5	-1.1/-0.5	-1.3/-0.5	-1.2/-0.5	-1.6/-0.5	-1.7/-0.5	-1.9/-0.5
SEA	-0.23	-0.0/-0.2	0.2/0.2	0.1/1.0	-0.4/0.3	-0.7/-0.2	0.1/1.1	0.8/1.0	1.3/1.8	1.7/1.8	-0.7/1.8	-0.9/1.8	-1.1/1.8	-1.2/1.8	-1.6/1.8	-1.2/1.8
LGA	-0.18	0.1/0.7	-0.7/-0.3	-1.2/1.5	-2.0/-0.1	-1.7/-1.3	-1.6/-1.5	-1.6/-1.2	-1.9/1.5	-1.6/1.5	2.1/1.5	1.3/1.5	0.6/1.5	1.5/1.5	2.2/1.5	1.8/1.5
DFW	-0.12	-0.7/-1.6	0.4/-2.0	0.9/-0.2	0.5/-1.1	0.8/-1.7	0.1/-1.9	-0.7/-4.0	-1.2/-5.4	-2.6/-5.4	0.7/-5.4	-0.6/-5.4	-0.7/-5.4	-0.5/-5.4	0.4/-5.4	1.4/-5.4
IAH	0.01	0.1/-0.1	-0.0/-0.0	0.1/0.9	0.4/-1.0	0.4/-0.4	0.2/-0.7	-0.3/-1.6	-0.2/-1.2	-0.9/-1.2	-0.2/-1.2	-0.6/-1.2	-0.0/-1.2	0.1/-1.2	-0.0/-1.2	1.1/-1.2
ORD	0.02	1.1/3.1	1.1/2.6	1.8/2.5	0.8/1.1	0.7/2.0	0.1/2.4	0.0/1.0	-0.0/0.9	-0.9/0.9	-1.8/0.9	-1.7/0.9	-1.6/0.9	-0.7/0.9	0.3/0.9	1.1/0.9
PHL	0.35	0.5/2.7	0.0/1.4	-0.2/1.5	-0.7/1.3	-0.8/0.4	-0.6/0.3	-0.7/1.4	-0.7/2.5	0.1/2.5	2.3/2.5	1.2/2.5	0.3/2.5	0.6/2.5	1.7/2.5	2.2/2.5
LAX	1.37	2.3/2.8	0.9/1.6	0.7/1.8	0.2/1.4	2.7/2.6	3.3/1.8	3.9/2.2	4.3/3.8	4.4/3.8	0.9/3.8	0.1/3.8	-0.8/3.8	-1.0/3.8	-0.7/3.8	-0.5/3.8

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:  $2.0 > B \geq -2.0$       blue:  $B \leq -4.0$

avg\_bias: average of ECMWF-value

# ECMWF/MEX MIN Temperature in CUST2

	S-score	MAE (2007-11-01~2007-11-30)														
		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
LAX	-0.31	2.2/2.1	2.4/2.8	2.8/2.3	4.3/2.6	3.8/2.9	4.7/2.7	5.2/2.8	5.5/3.1	5.8/3.1	2.7/3.1	3.0/3.1	3.1/3.1	3.3/3.1	3.6/3.1	3.7/3.1
LGA	-0.10	1.6/2.7	1.8/3.2	2.1/2.8	2.3/2.7	2.9/2.9	3.5/3.2	4.1/2.9	4.5/3.5	5.2/3.5	4.4/3.5	4.2/3.5	4.2/3.5	4.4/3.5	4.5/3.5	4.5/3.5
SEA	-0.06	2.2/2.0	2.3/1.9	2.7/2.1	3.8/2.4	3.9/3.1	3.9/3.6	4.1/4.0	3.9/4.1	3.5/4.1	3.1/4.1	3.8/4.1	3.8/4.1	4.0/4.1	4.1/4.1	4.1/4.1
PHL	0.09	1.3/2.9	1.2/3.2	1.7/2.8	2.1/3.1	2.2/3.4	2.0/3.6	2.5/3.0	3.3/3.7	3.8/3.7	4.5/3.7	4.6/3.7	5.0/3.7	4.8/3.7	4.3/3.7	4.5/3.7
ORD	0.10	2.0/3.3	1.8/3.3	1.7/3.6	2.3/4.0	2.5/4.1	3.2/3.9	3.6/4.5	4.2/4.2	4.4/4.2	5.1/4.2	5.4/4.2	5.3/4.2	4.6/4.2	4.9/4.2	4.9/4.2
IAH	0.11	2.1/2.8	2.0/3.0	2.4/3.4	3.4/4.1	4.3/4.1	4.5/4.7	4.6/4.6	5.5/7.6	6.1/7.6	6.8/7.6	7.7/7.6	7.9/7.6	7.5/7.6	7.3/7.6	7.2/7.6
SFO	0.12	1.6/1.9	1.5/1.8	1.4/1.8	1.8/1.8	2.1/2.0	2.1/2.2	2.1/3.4	2.1/2.7	2.1/2.7	1.9/2.7	2.0/2.7	2.5/2.7	2.9/2.7	2.9/2.7	2.8/2.7
DFW	0.17	2.1/3.1	2.6/2.9	2.6/3.3	2.6/3.8	3.4/3.5	4.0/3.9	4.1/5.4	5.2/8.1	6.4/8.1	7.2/8.1	7.5/8.1	7.3/8.1	7.3/8.1	7.0/8.1	6.4/8.1

	avg-bias	Bias (2007-11-01~2007-11-30)														
		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
LAX	-3.05	-1.3/-1.3	-1.3/-2.2	-1.6/-1.2	-3.3/-1.8	-2.7/-2.3	-4.2/-1.9	-4.6/-1.9	-5.2/-2.8	-5.5/-2.8	-1.6/-2.8	-2.3/-2.8	-2.4/-2.8	-3.0/-2.8	-3.3/-2.8	-3.5/-2.8
DFW	-1.58	-0.1/-0.4	0.0/0.1	0.2/0.5	0.3/-0.4	-0.4/-0.6	-1.1/0.6	-1.9/-2.4	-2.4/-6.4	-3.2/-6.4	-3.6/-6.4	-3.6/-6.4	-3.0/-6.4	-1.8/-6.4	-2.2/-6.4	-0.7/-6.4
SEA	-1.52	-1.0/-0.3	-1.7/0.2	-1.8/0.1	-2.9/0.1	-2.8/0.4	-2.7/1.0	-2.2/1.2	-1.6/0.7	-1.2/0.7	-1.0/0.7	-1.0/0.7	-1.1/0.7	-0.9/0.7	-0.8/0.7	-0.3/0.7
ORD	-0.53	0.2/2.1	0.1/1.9	0.2/1.4	0.4/2.4	0.4/1.8	0.4/2.2	0.5/2.7	1.0/-0.2	0.4/-0.2	-1.9/-0.2	-2.6/-0.2	-3.0/-0.2	-2.3/-0.2	-1.4/-0.2	-0.4/-0.2
PHL	-0.22	0.1/1.6	-0.3/1.5	-0.8/1.2	-1.2/0.9	-1.2/0.3	-1.0/0.8	-0.9/0.8	-0.9/1.0	-0.3/1.0	0.8/1.0	0.1/1.0	-0.3/1.0	-0.0/1.0	0.4/1.0	2.1/1.0
IAH	-0.09	0.6/2.1	0.7/2.5	1.2/1.9	1.0/2.3	0.7/2.1	-0.0/2.8	-0.3/1.2	-0.6/-3.7	-1.3/-3.7	-1.7/-3.7	-2.1/-3.7	-1.4/-3.7	-0.9/-3.7	0.3/-3.7	2.5/-3.7
SFO	0.01	0.5/0.6	0.3/0.2	0.4/0.9	0.6/1.1	0.4/1.5	0.6/1.4	0.6/3.1	0.4/-0.6	0.6/-0.6	-0.1/-0.6	-0.6/-0.6	-0.7/-0.6	-0.7/-0.6	-1.0/-0.6	-1.4/-0.6
LGA	2.08	0.4/0.8	0.2/0.3	0.6/0.6	1.4/0.5	2.3/0.1	2.9/0.7	3.3/0.2	3.6/0.4	4.4/0.4	2.2/0.4	1.6/0.4	1.3/0.4	1.8/0.4	2.2/0.4	3.0/0.4

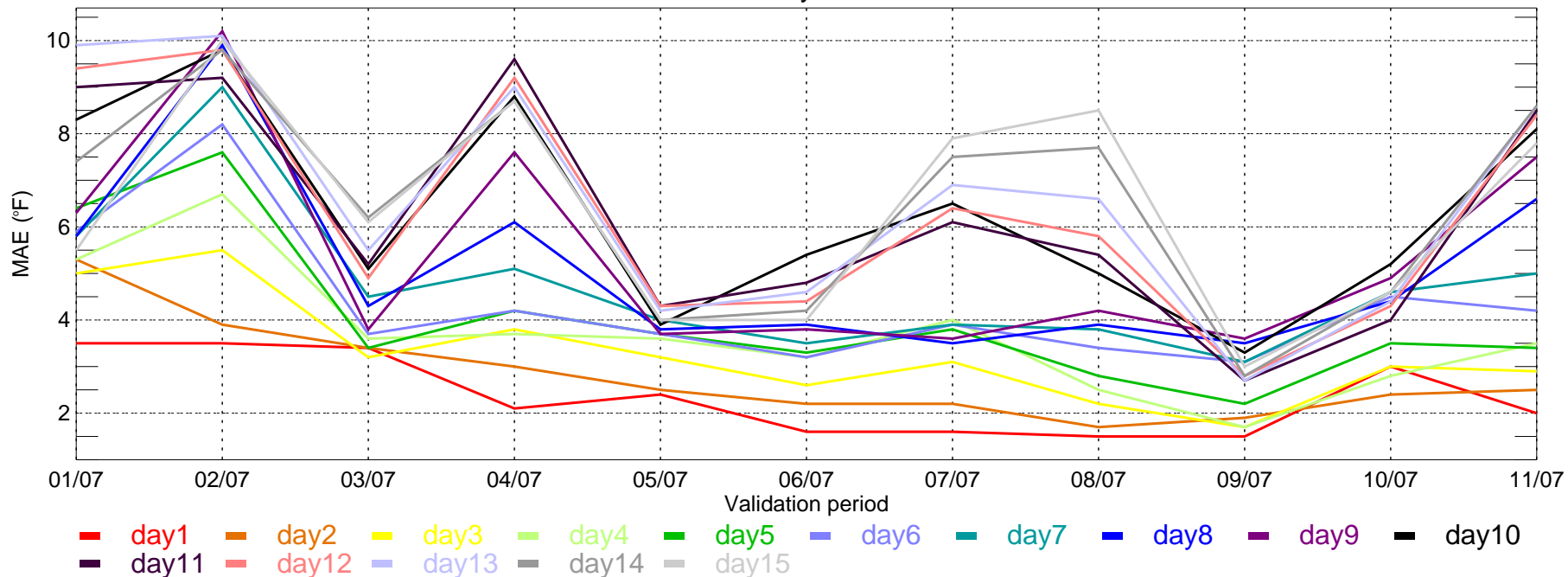
red:  $S < -0.3$       orange:  $-0.3 < S < -0.1$       grey:  $-0.1 < S < 0.1$       green:  $0.1 < S < 0.3$       blue:  $S > 0.3$

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

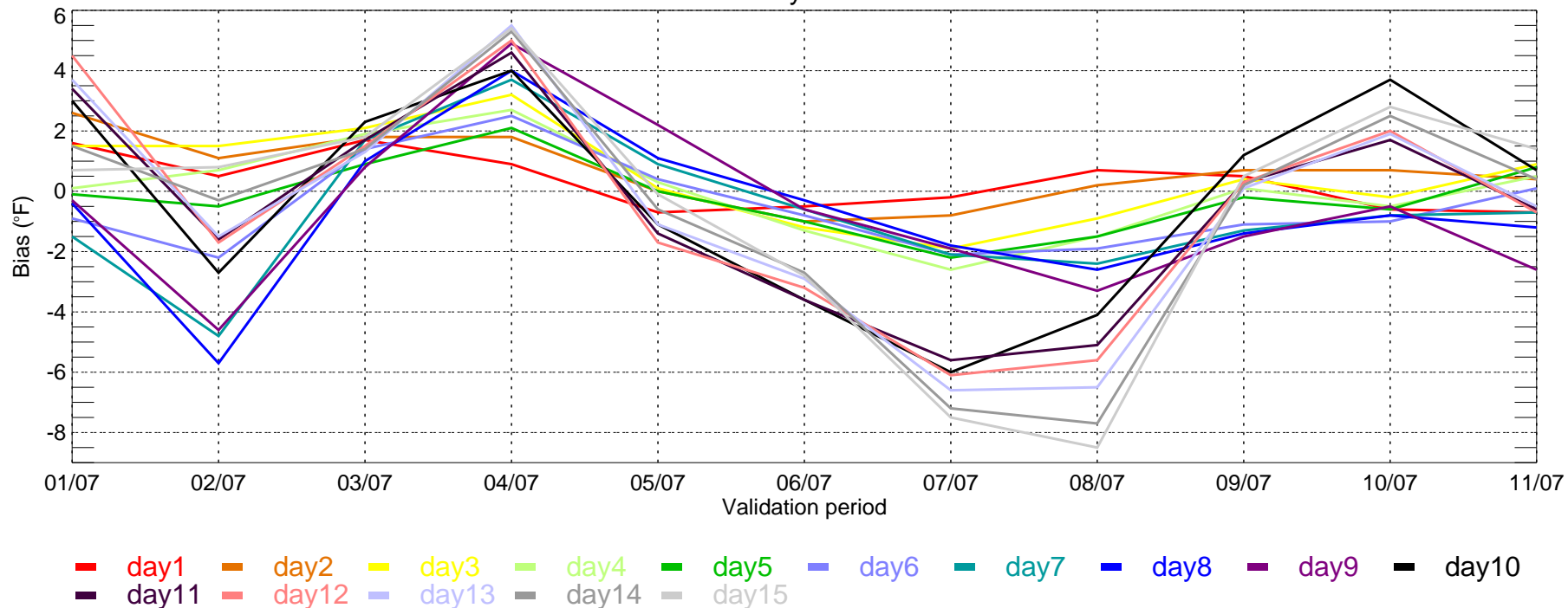
red:  $B \geq 4.0$       orange:  $4.0 > B \geq 2.0$       black:  $2.0 > B \geq -2.0$       green:  $2.0 > B \geq -2.0$       blue:  $B \leq -4.0$

avg\_bias: average of ECMWF-value

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

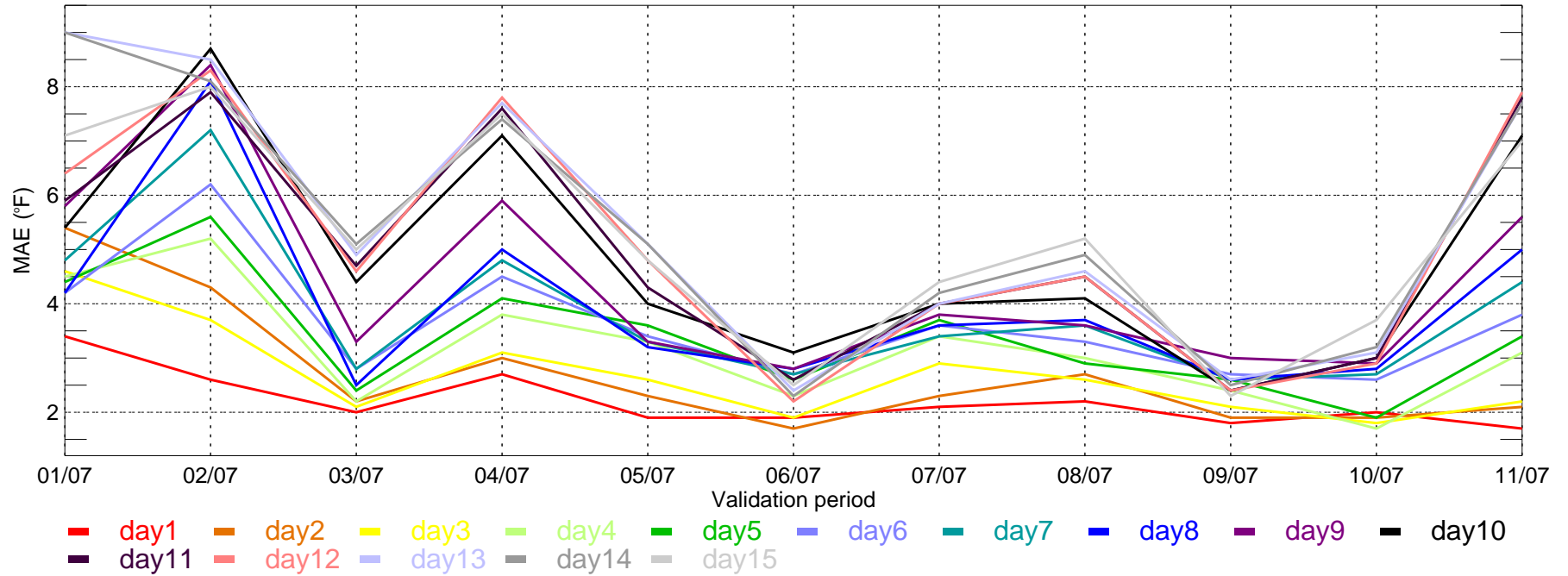


DFW: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2007-11-30

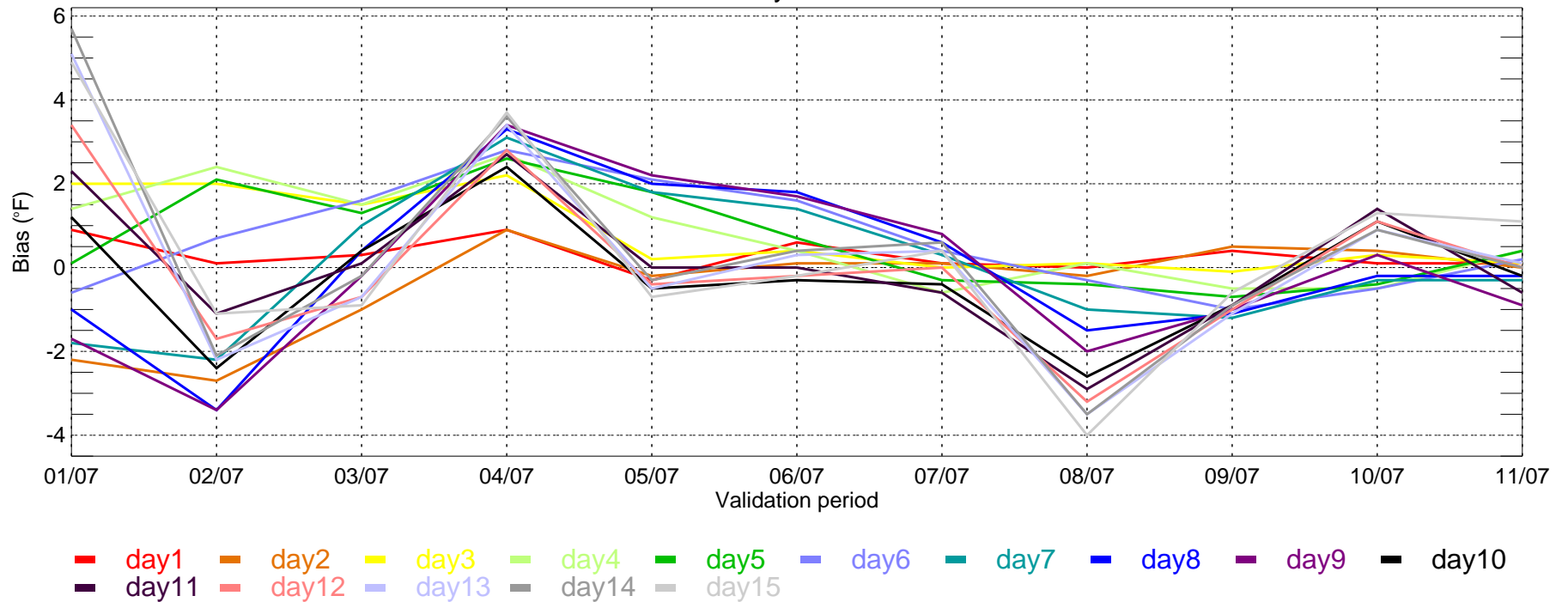




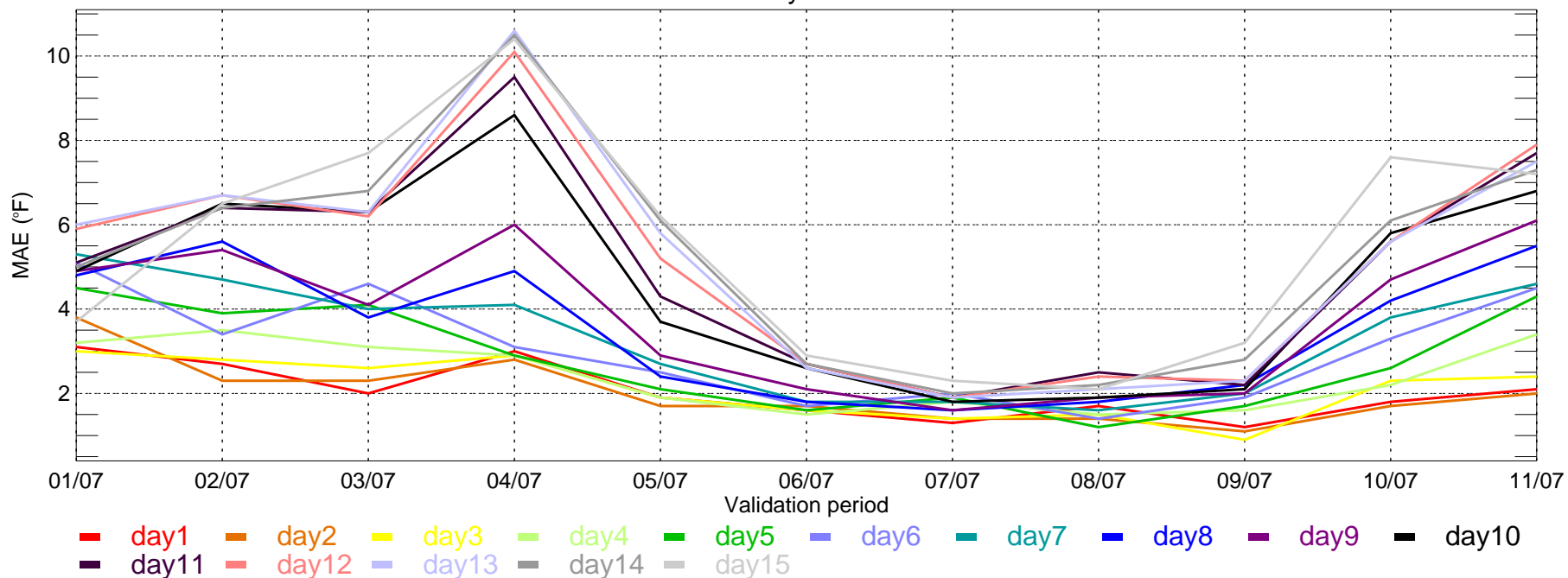
IAH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2007-11-30



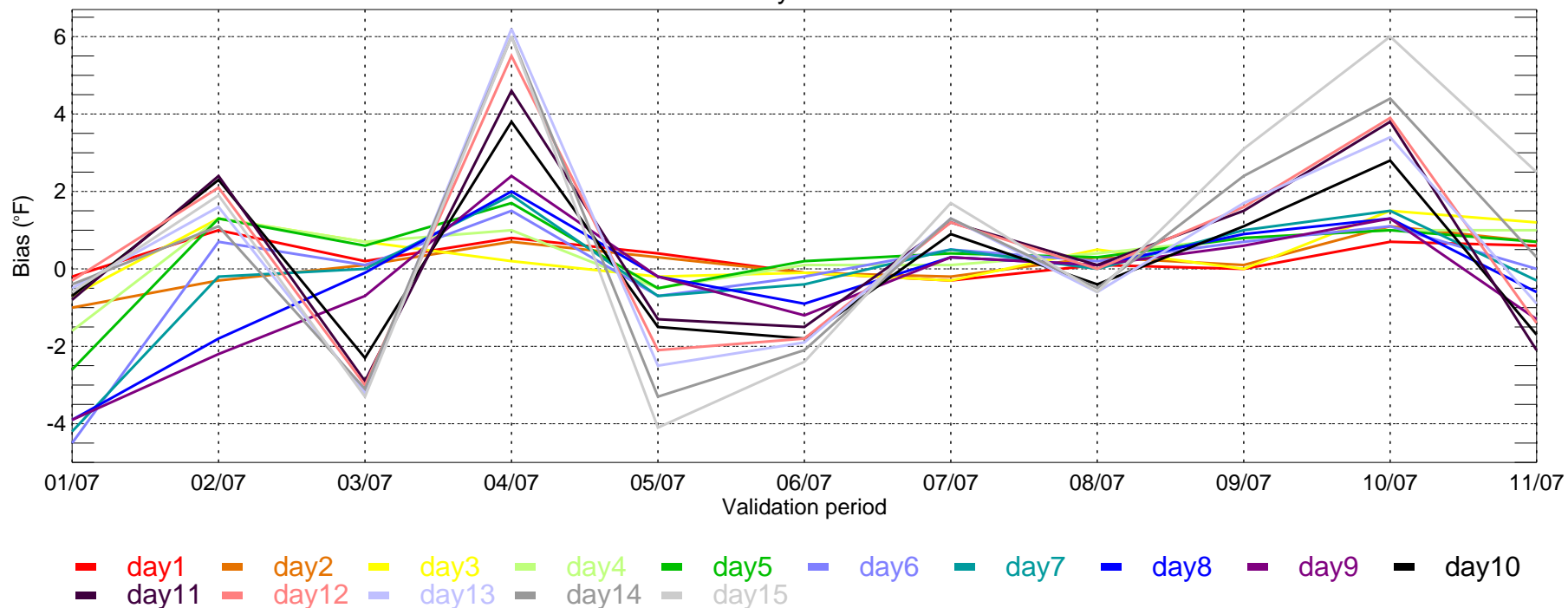
IAH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2007-11-30



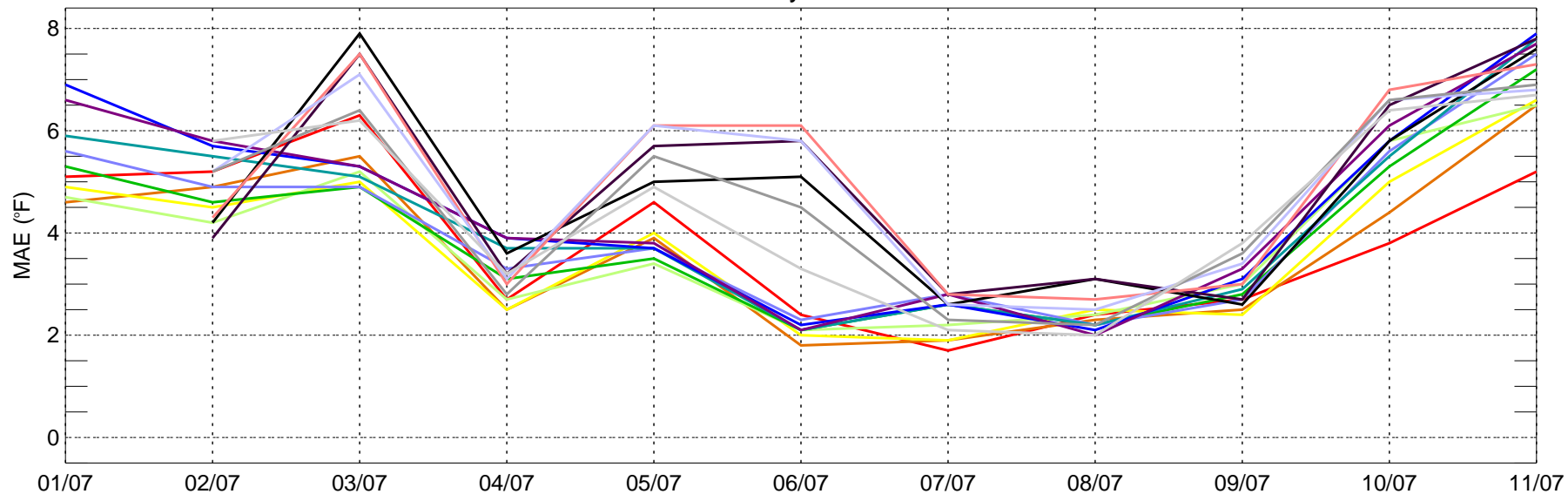
IAH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2007-11-30



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

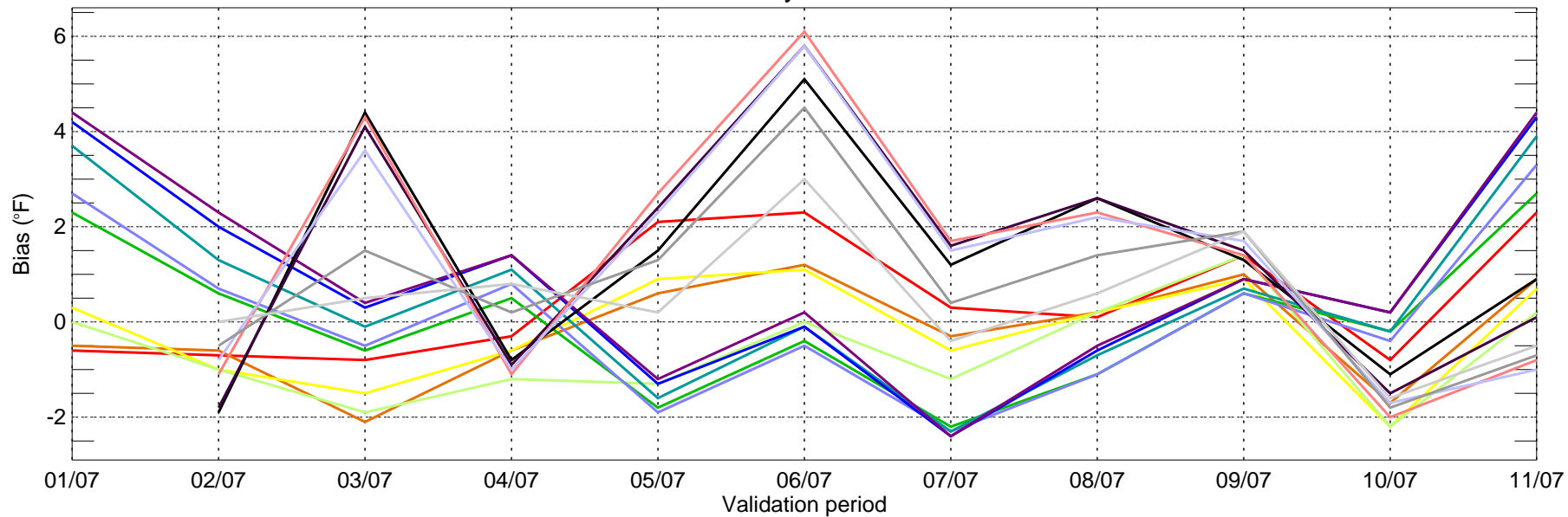


LAX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2007-11-30



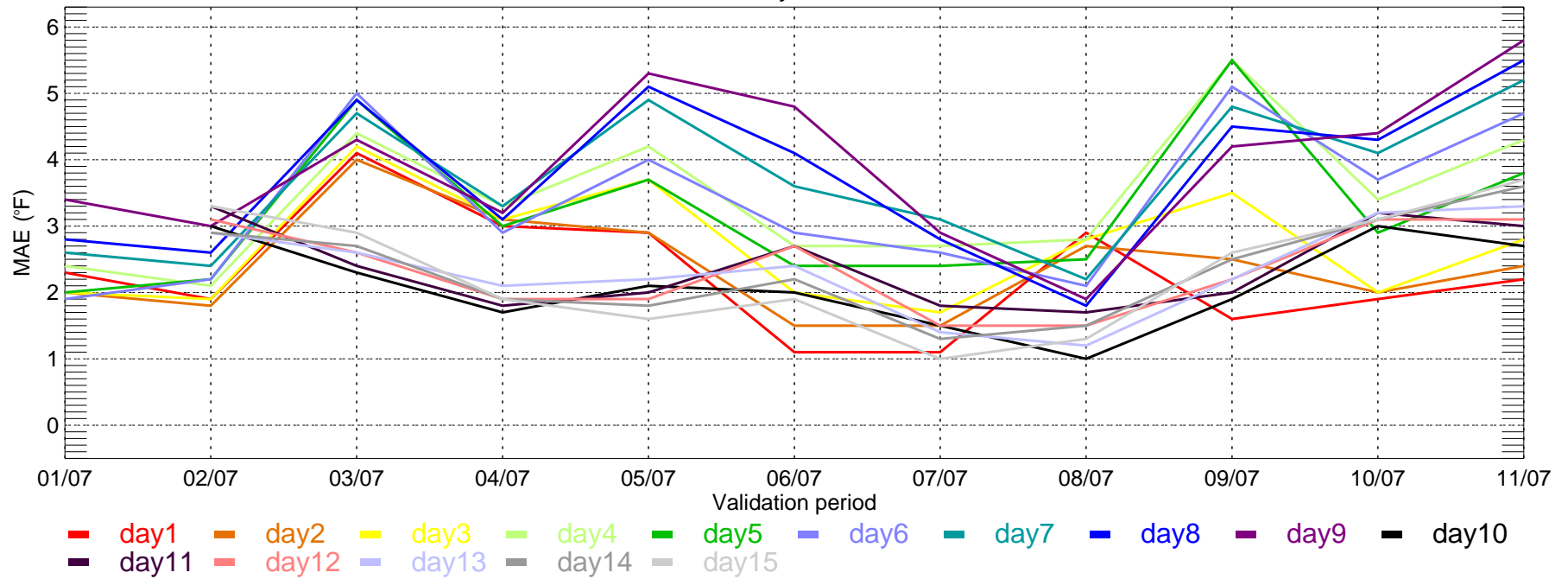
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LAX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2007-11-30

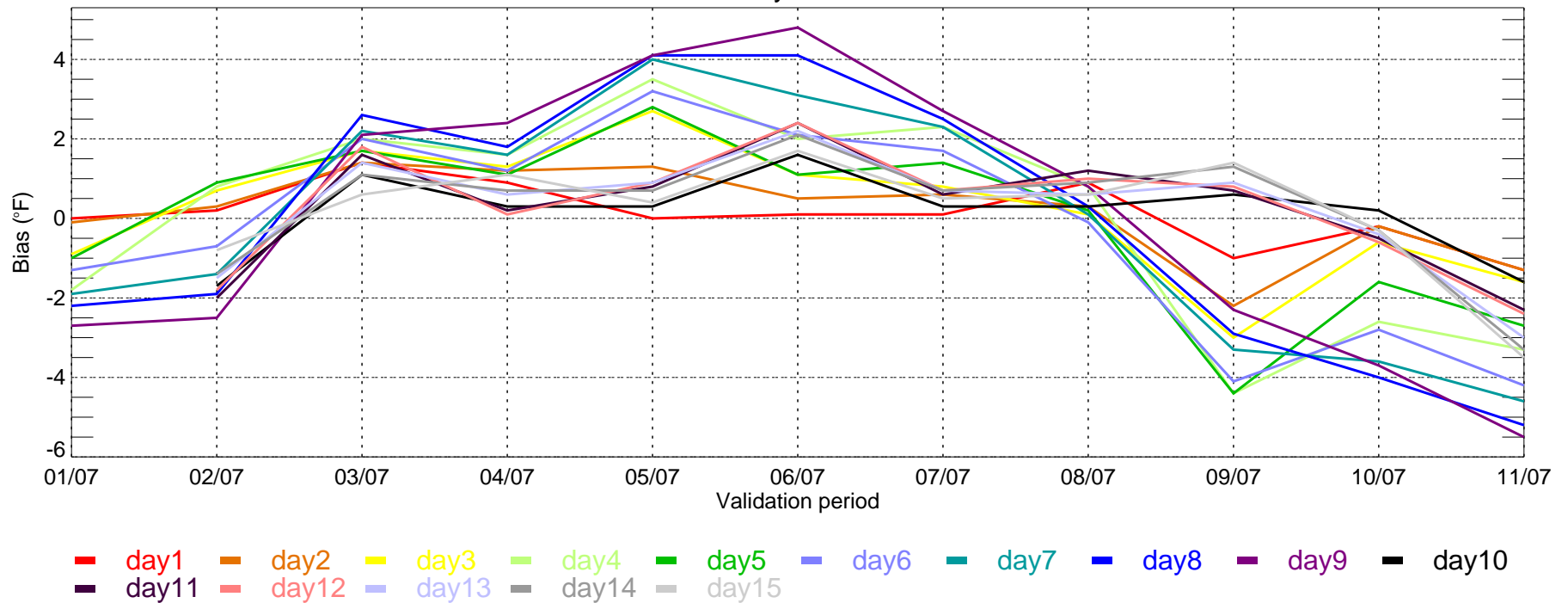


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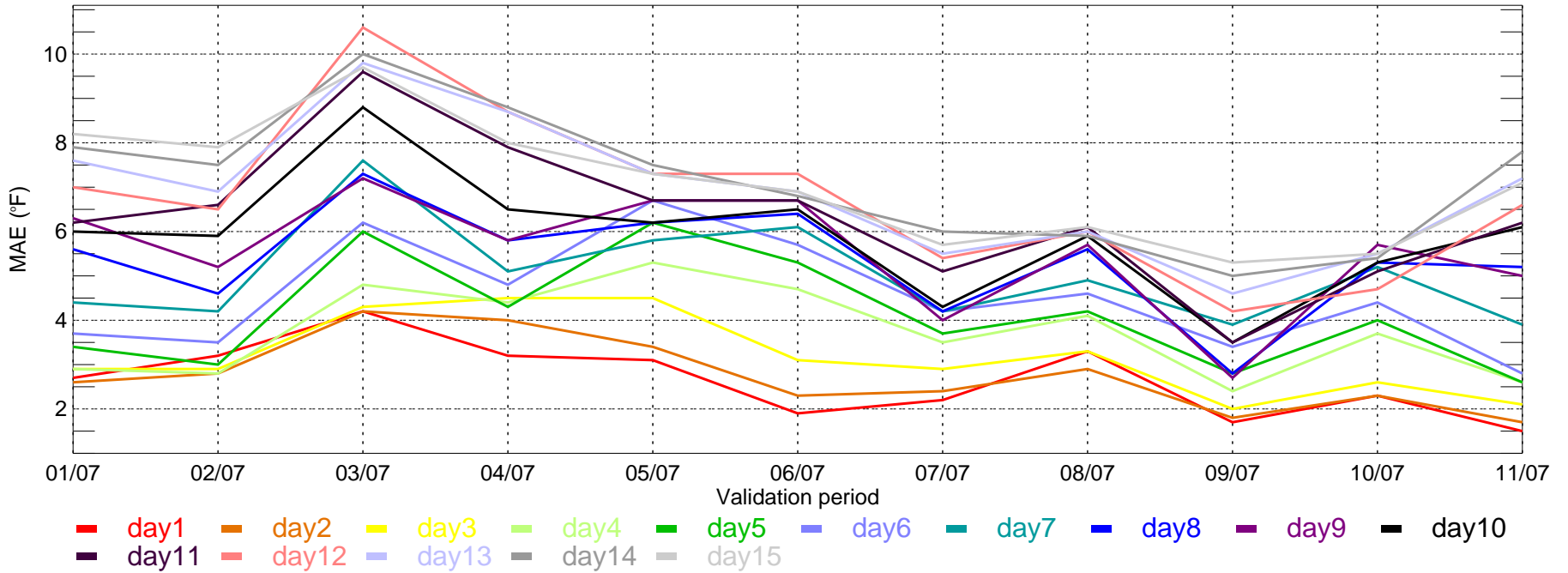
LAX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2007-11-30



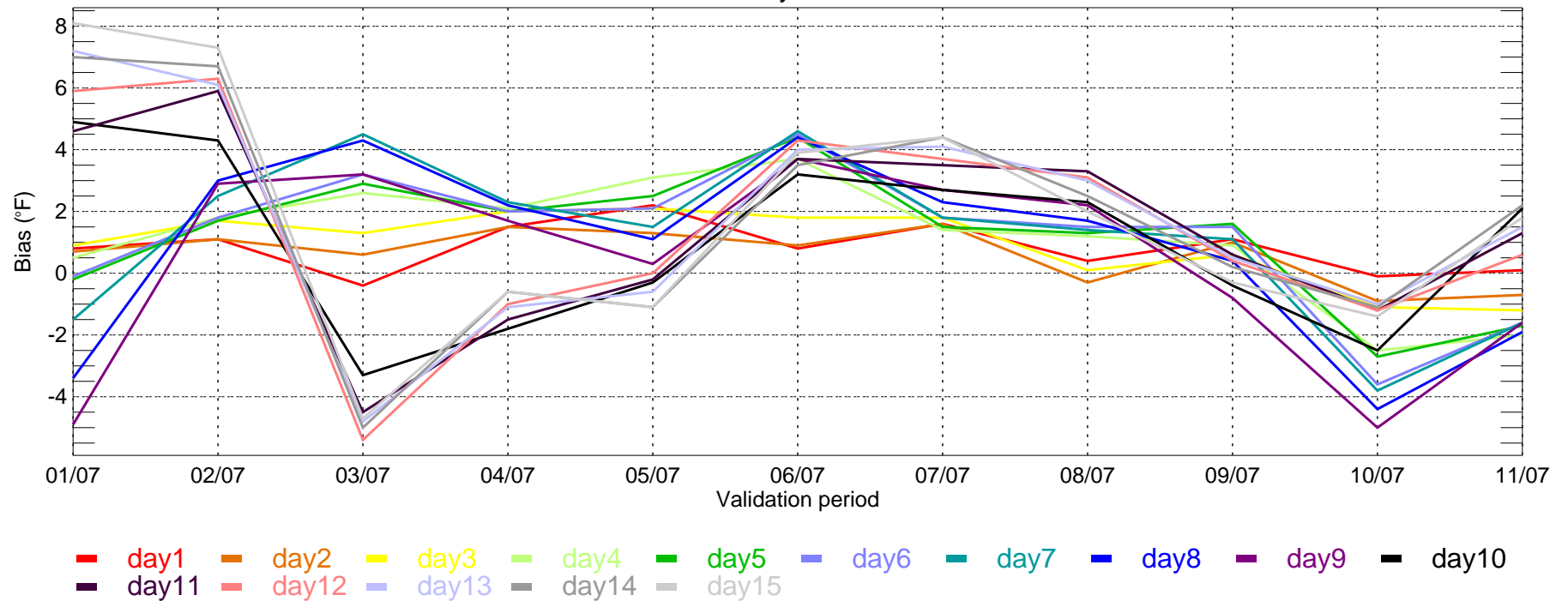
LAX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2007-11-30



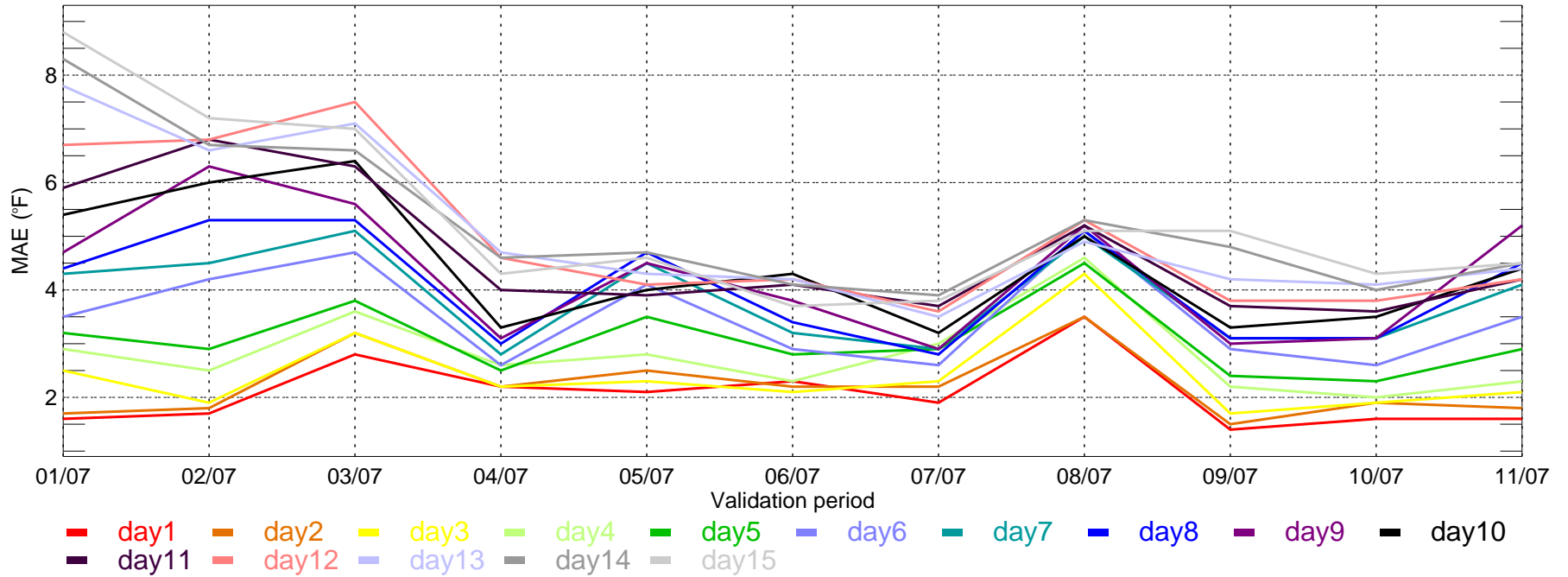
LGA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2007-11-30



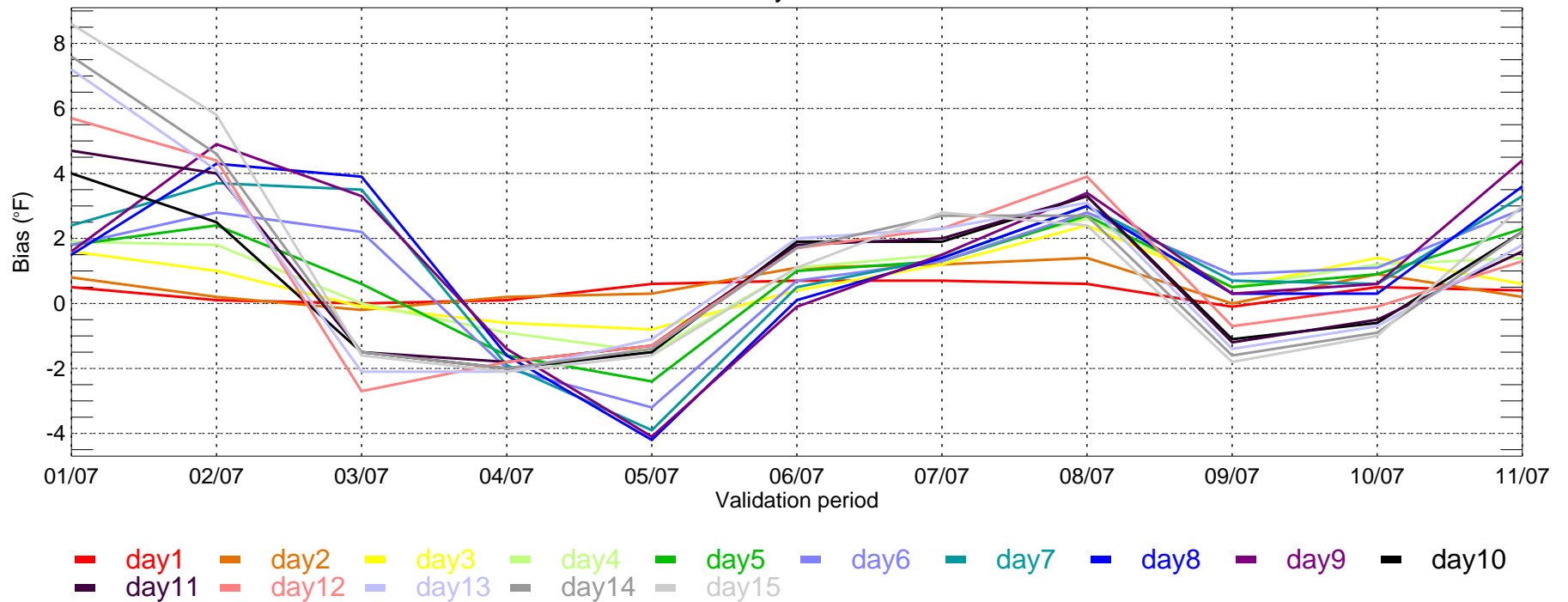
LGA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2007-11-30



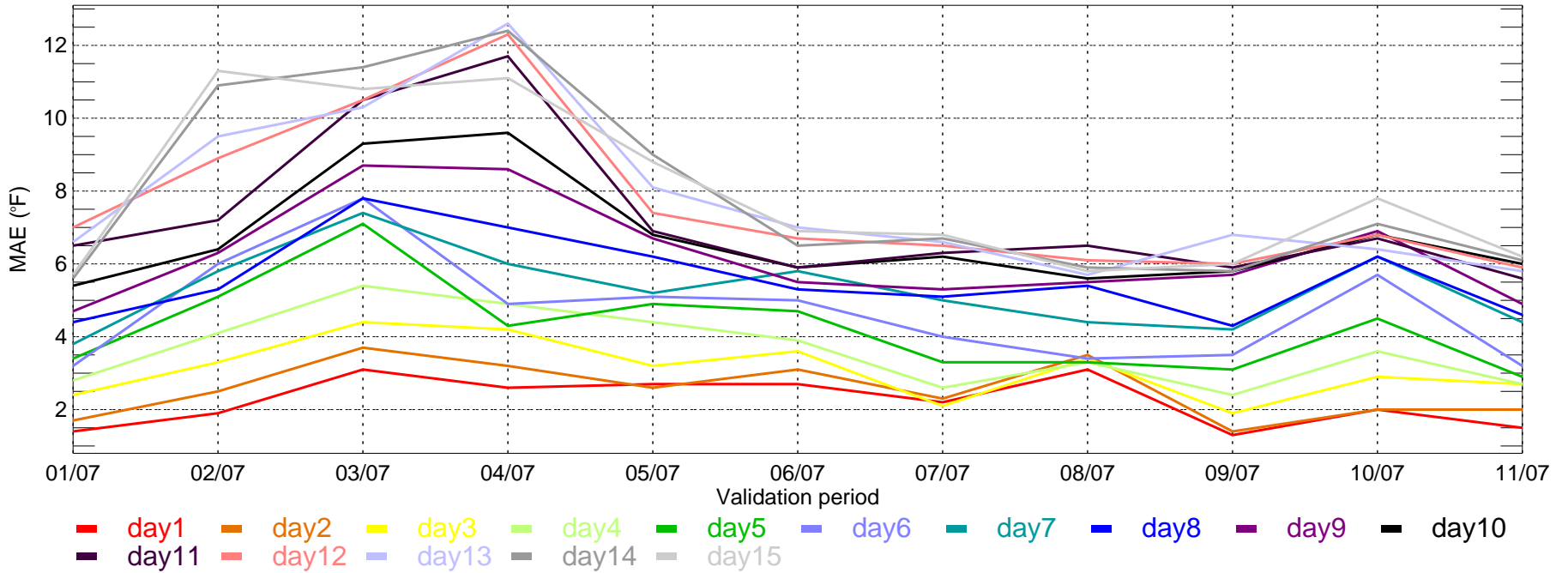
LGA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2007-11-30



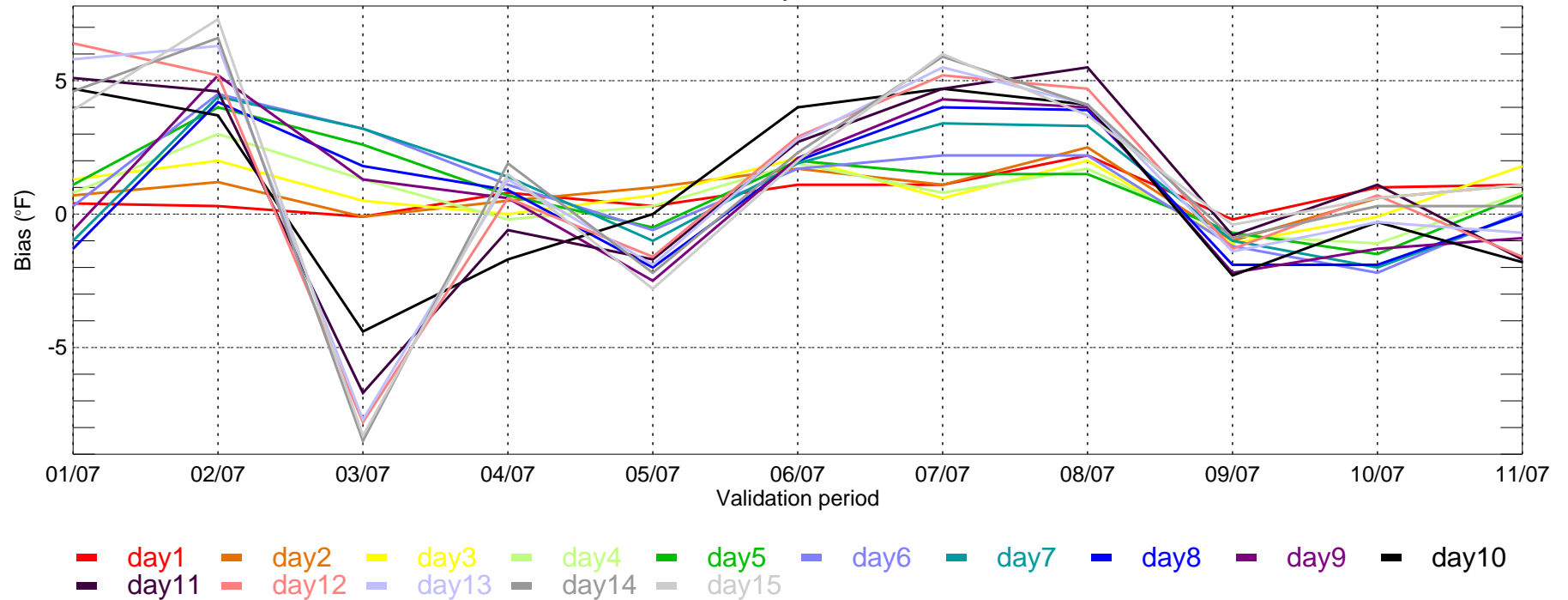
LGA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2007-11-30



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



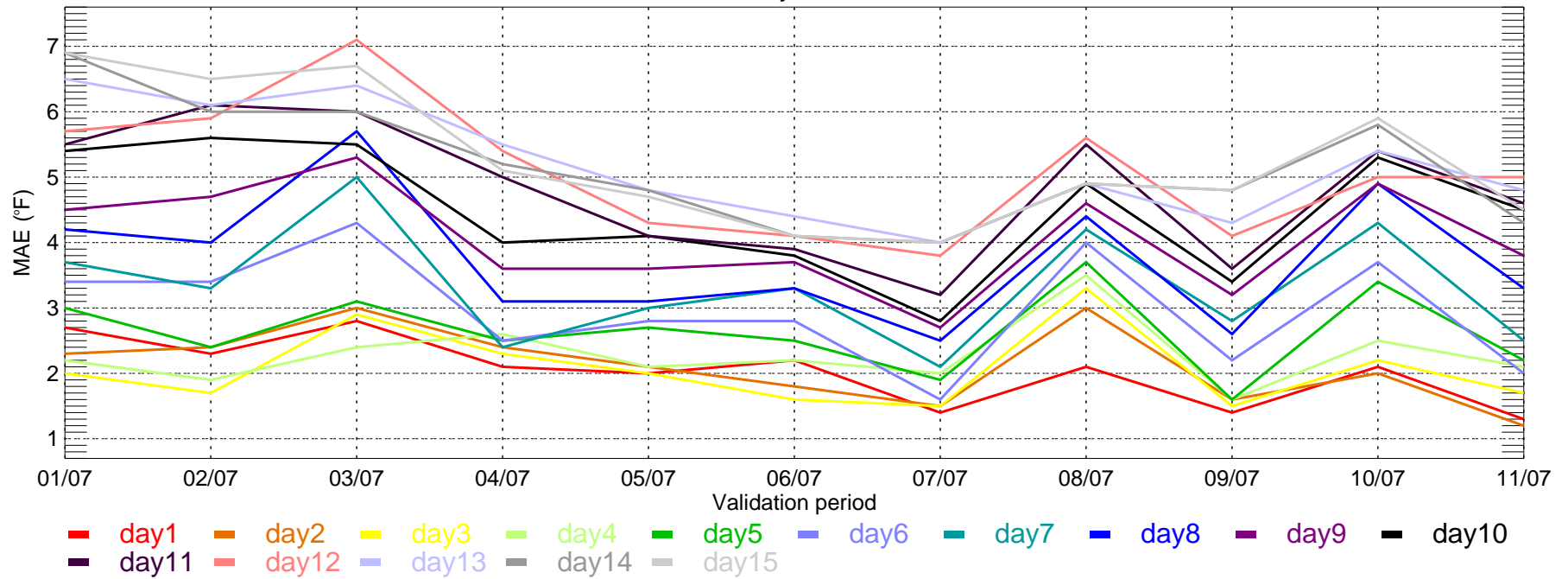
ORD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2007-11-30



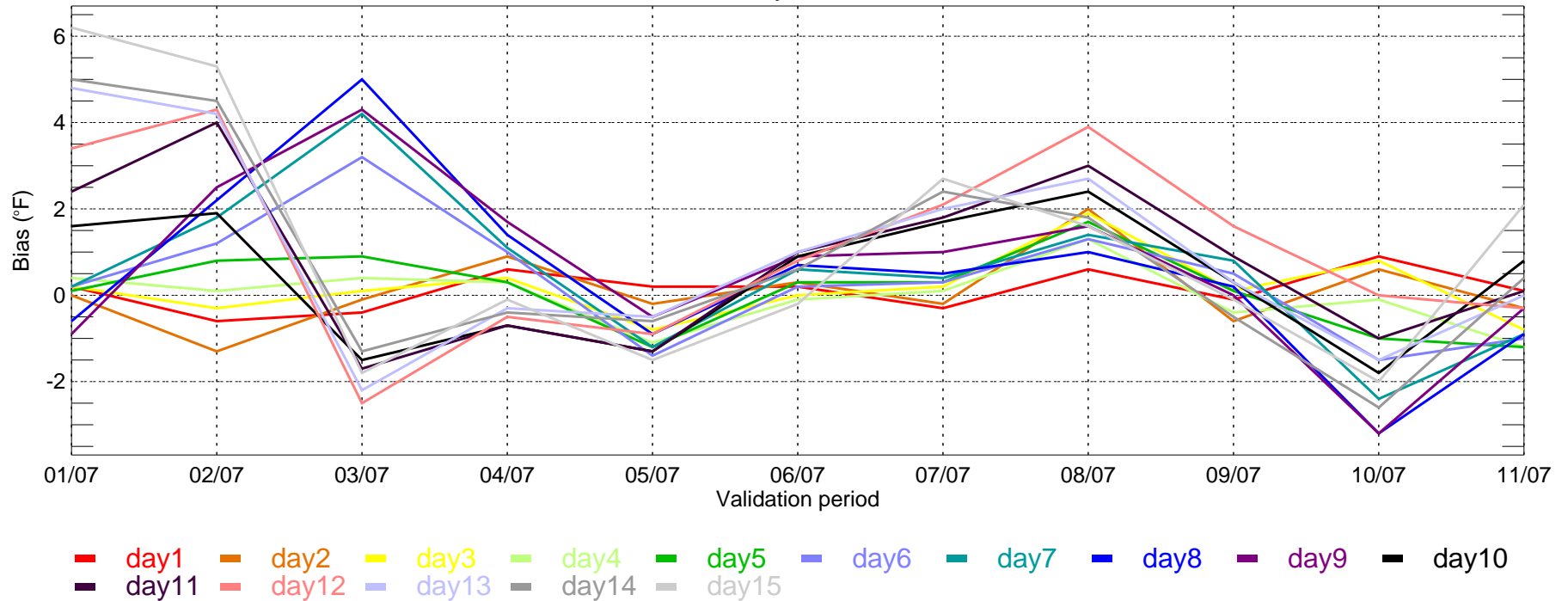




PHL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2007-11-30

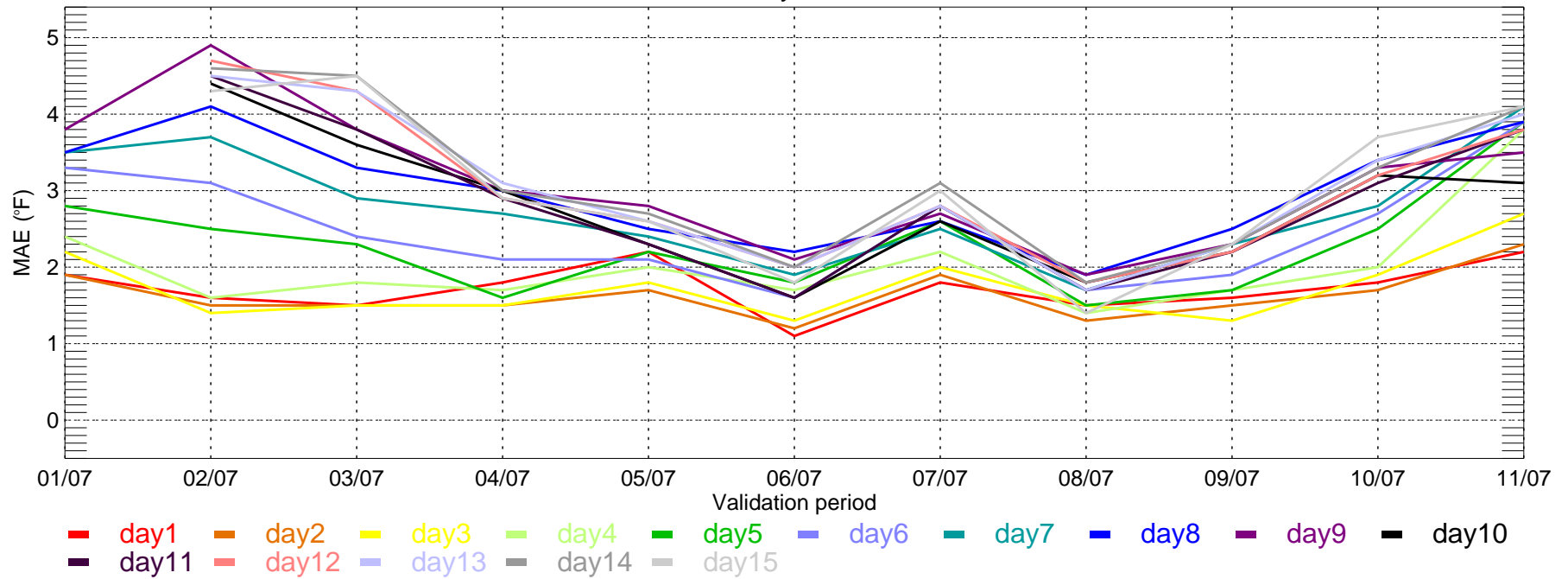


PHL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2007-11-30

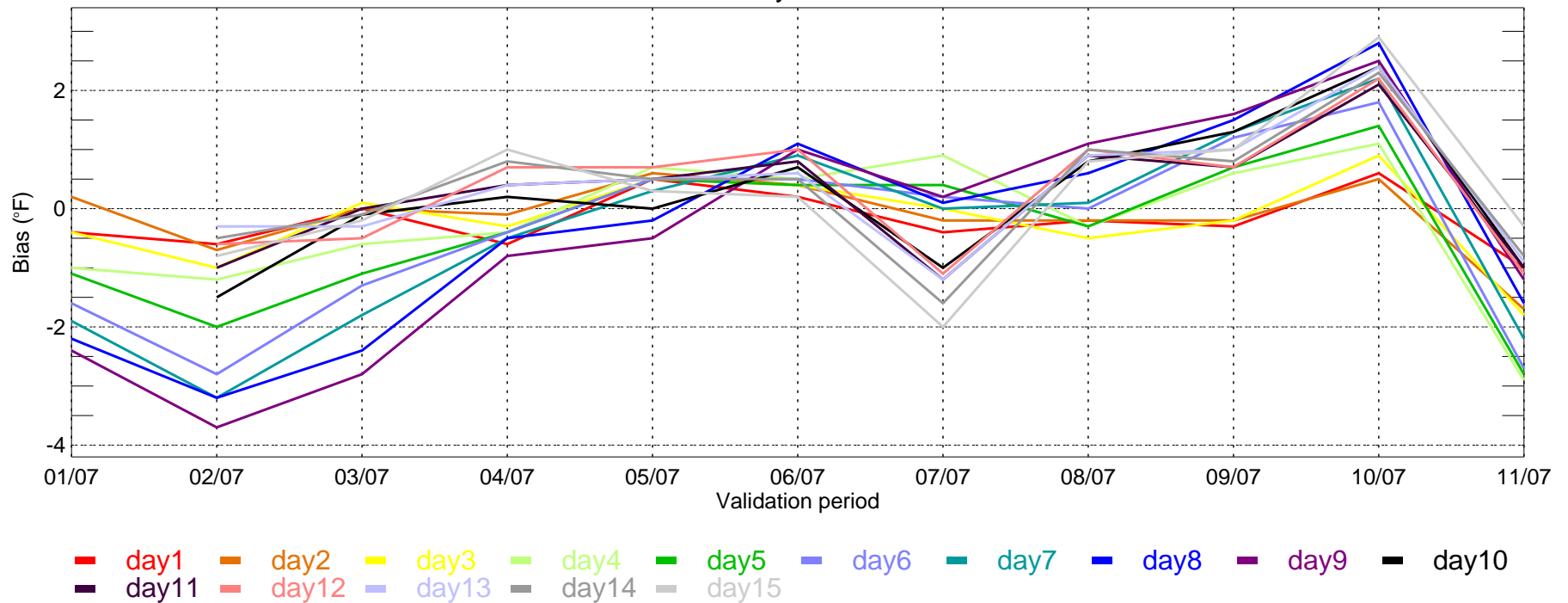




SEA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2007-11-30

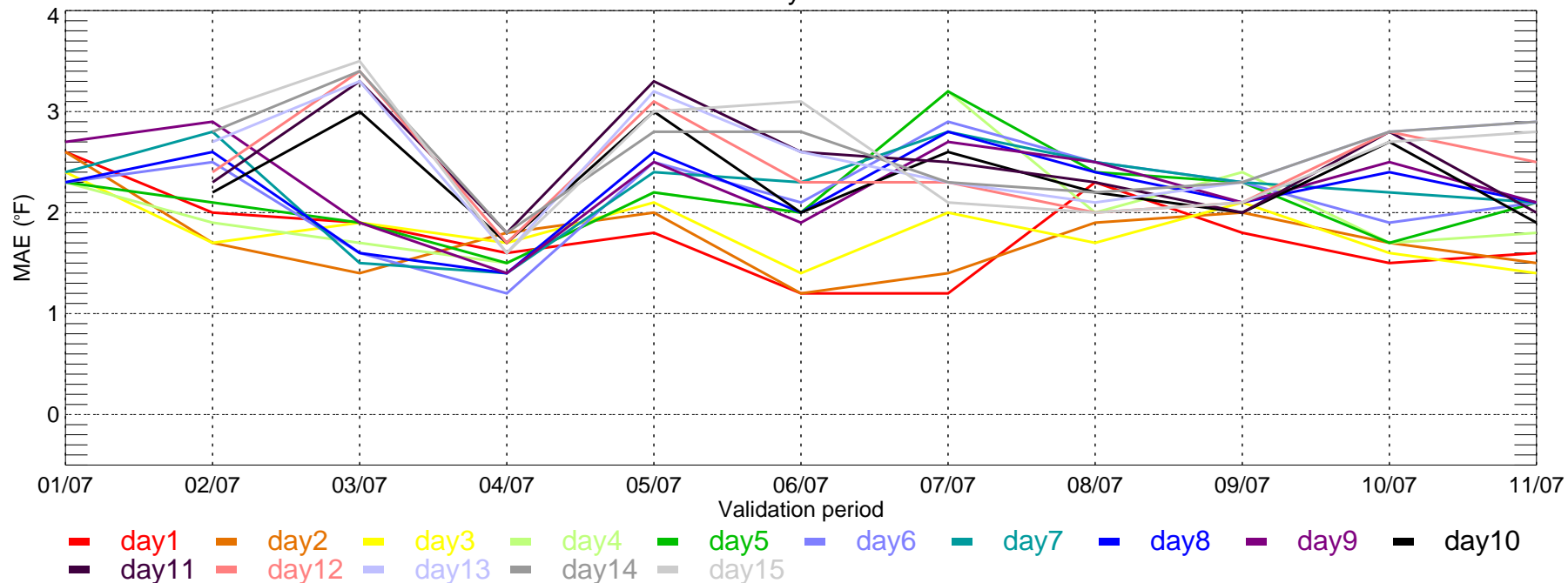


SEA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2007-11-30

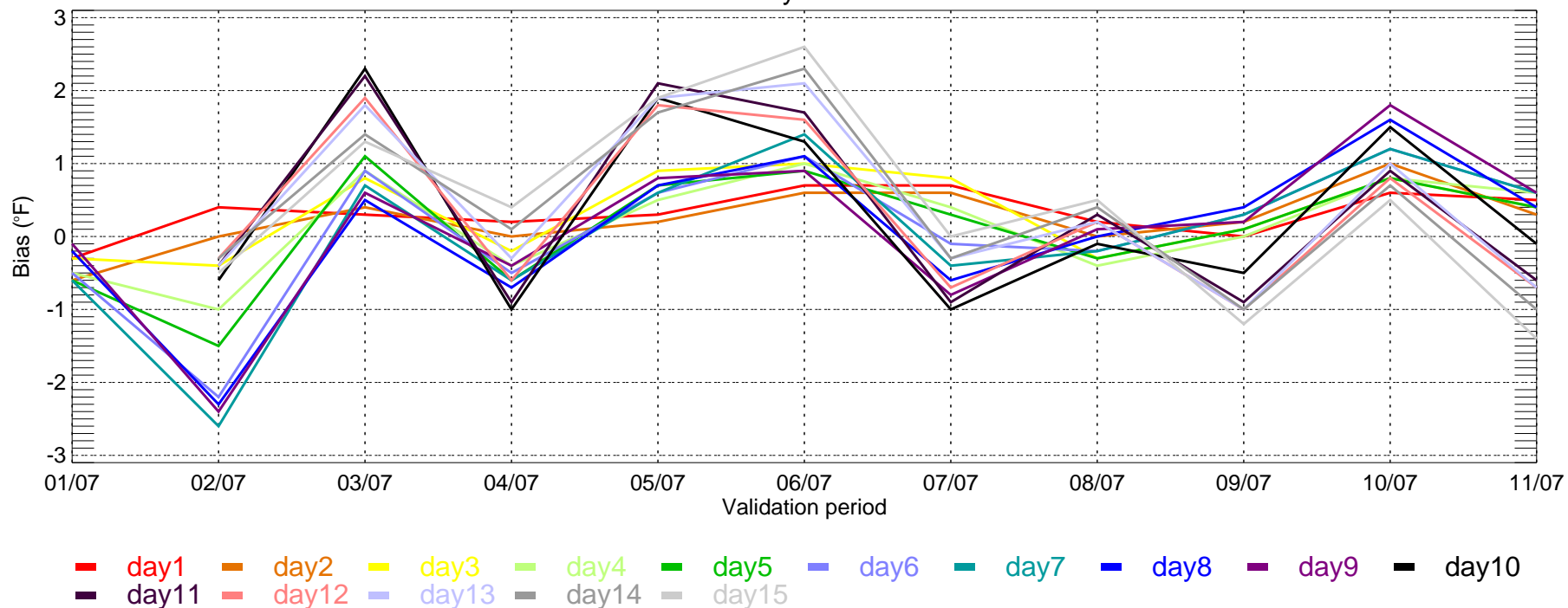




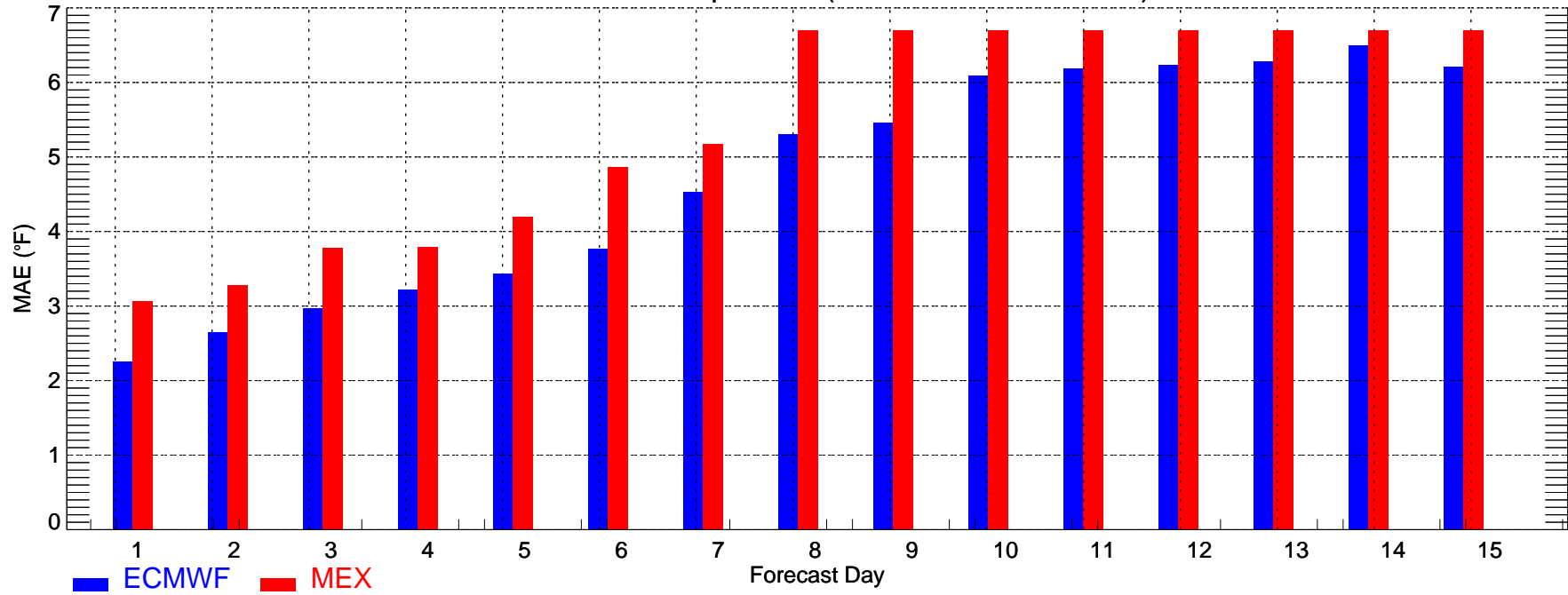
SFO: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2007-11-30



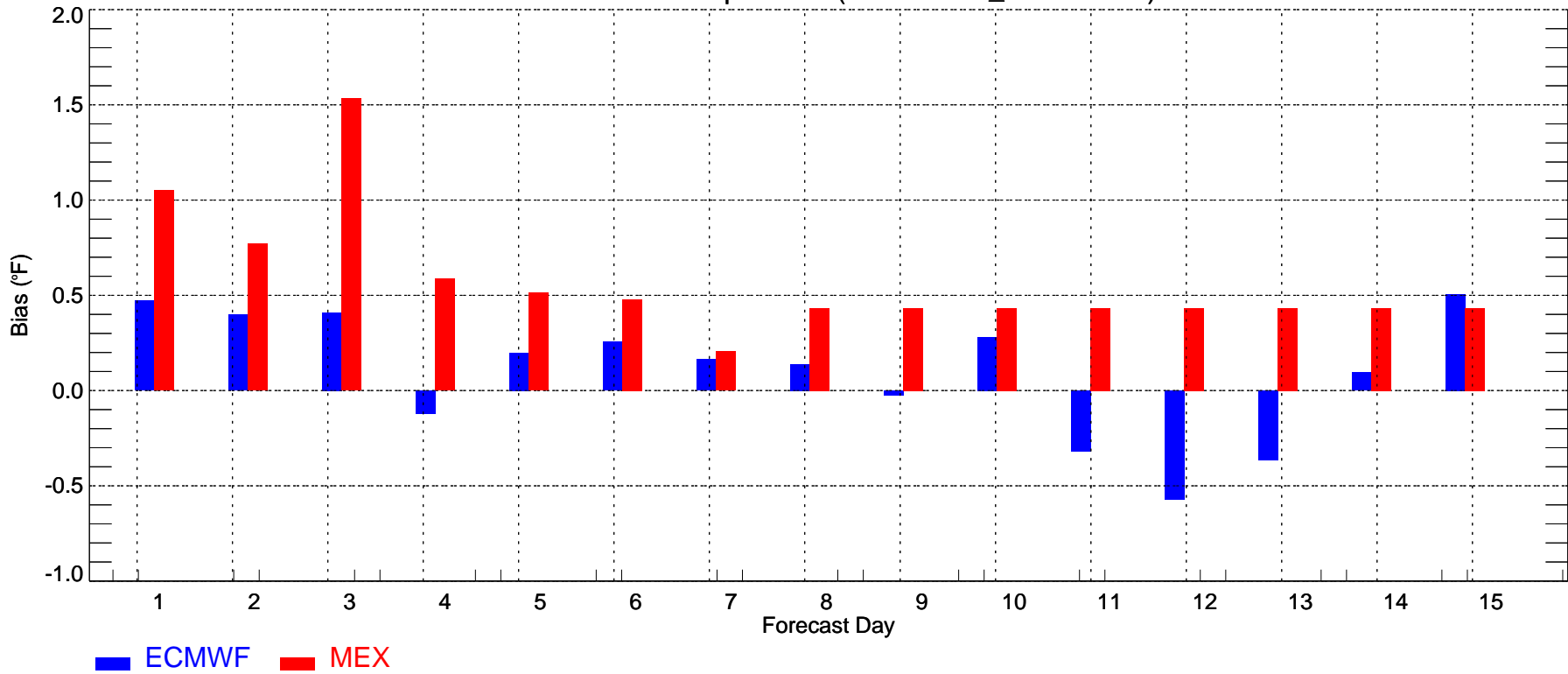
SFO: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2007-11-30



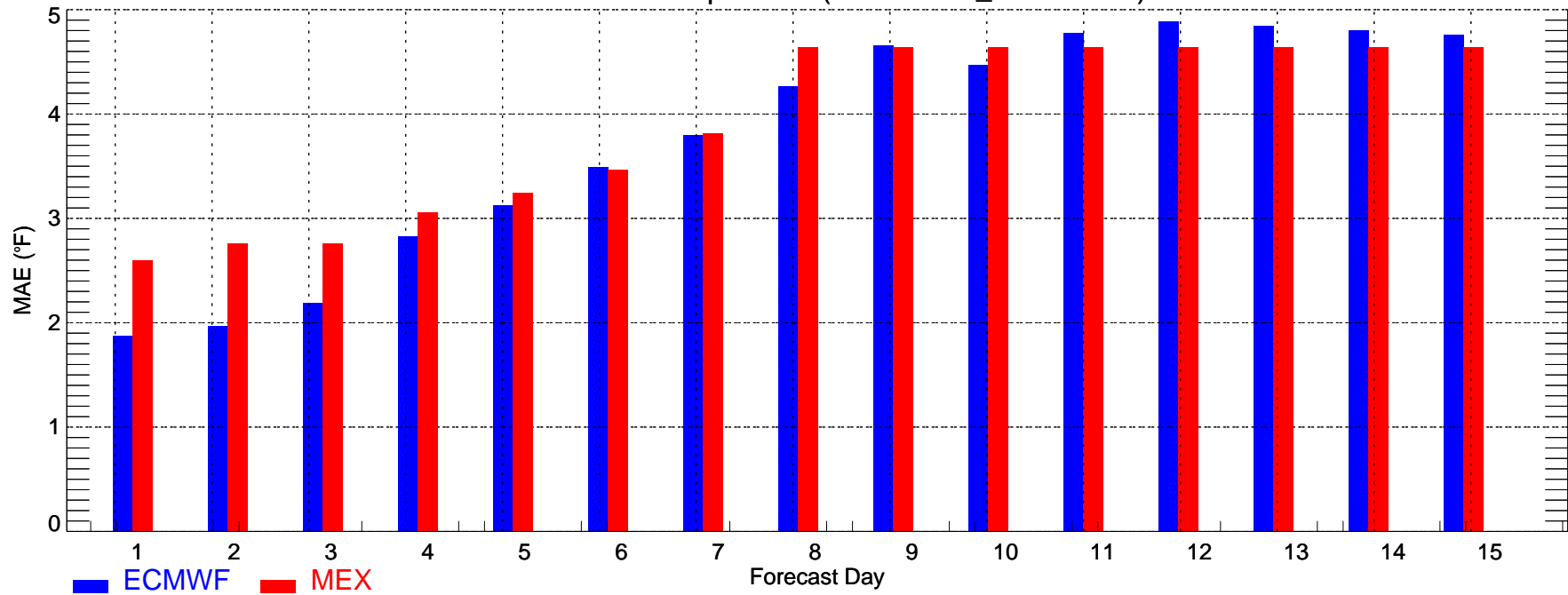
CUST2: Max Temperature (2007-11-01\_2007-11-30)



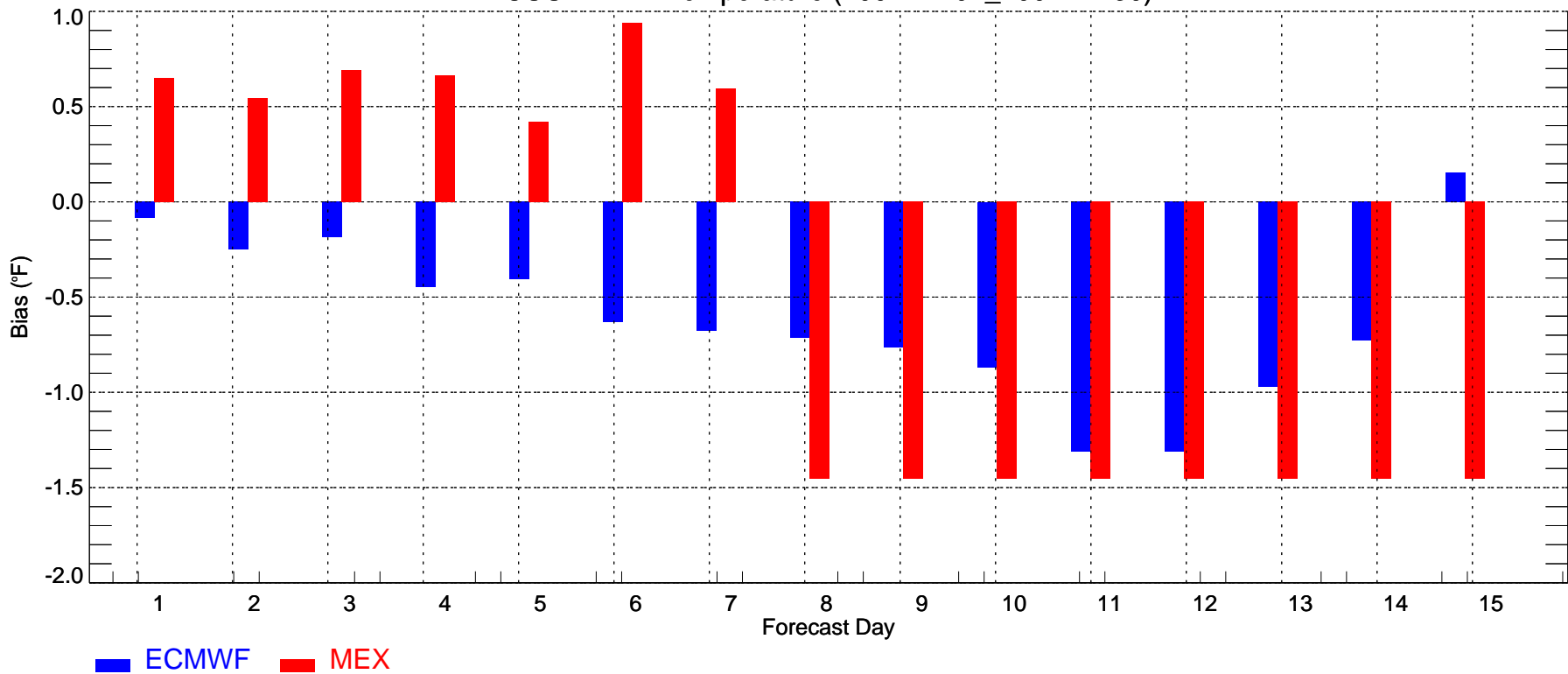
CUST2: Max Temperature (2007-11-01\_2007-11-30)



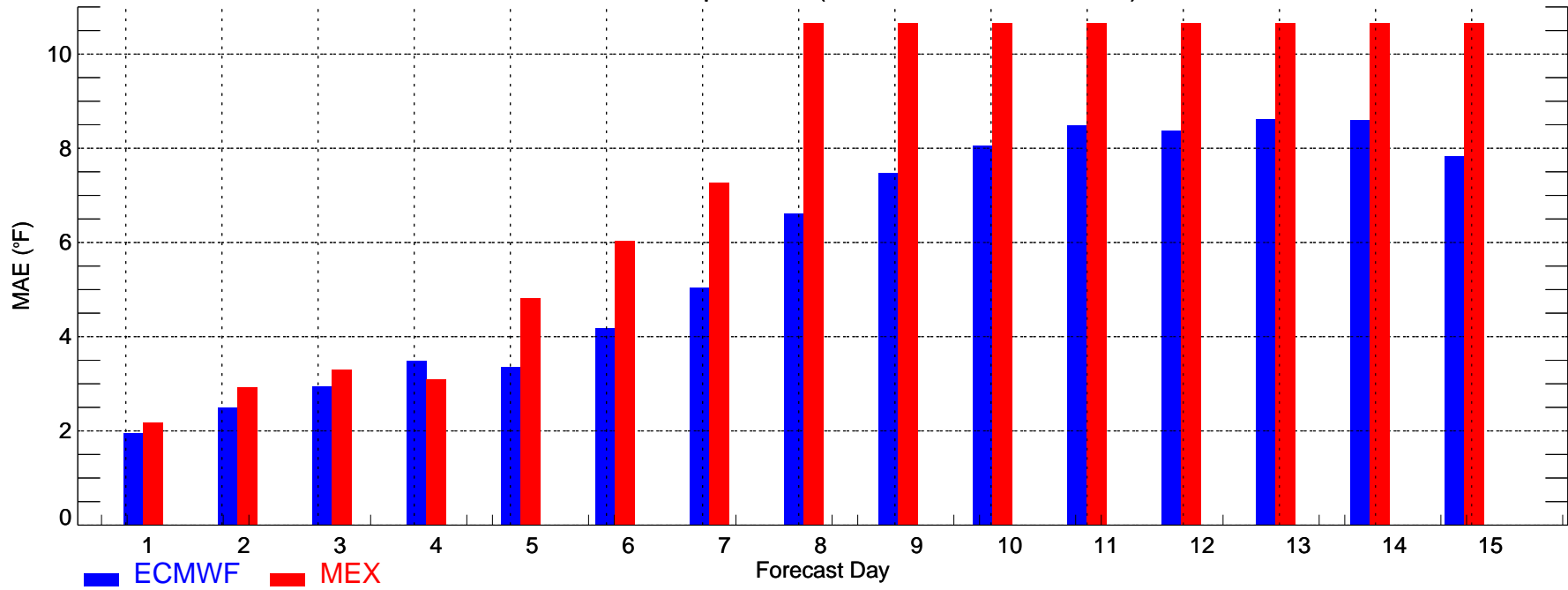
CUST2: Min Temperature (2007-11-01\_2007-11-30)



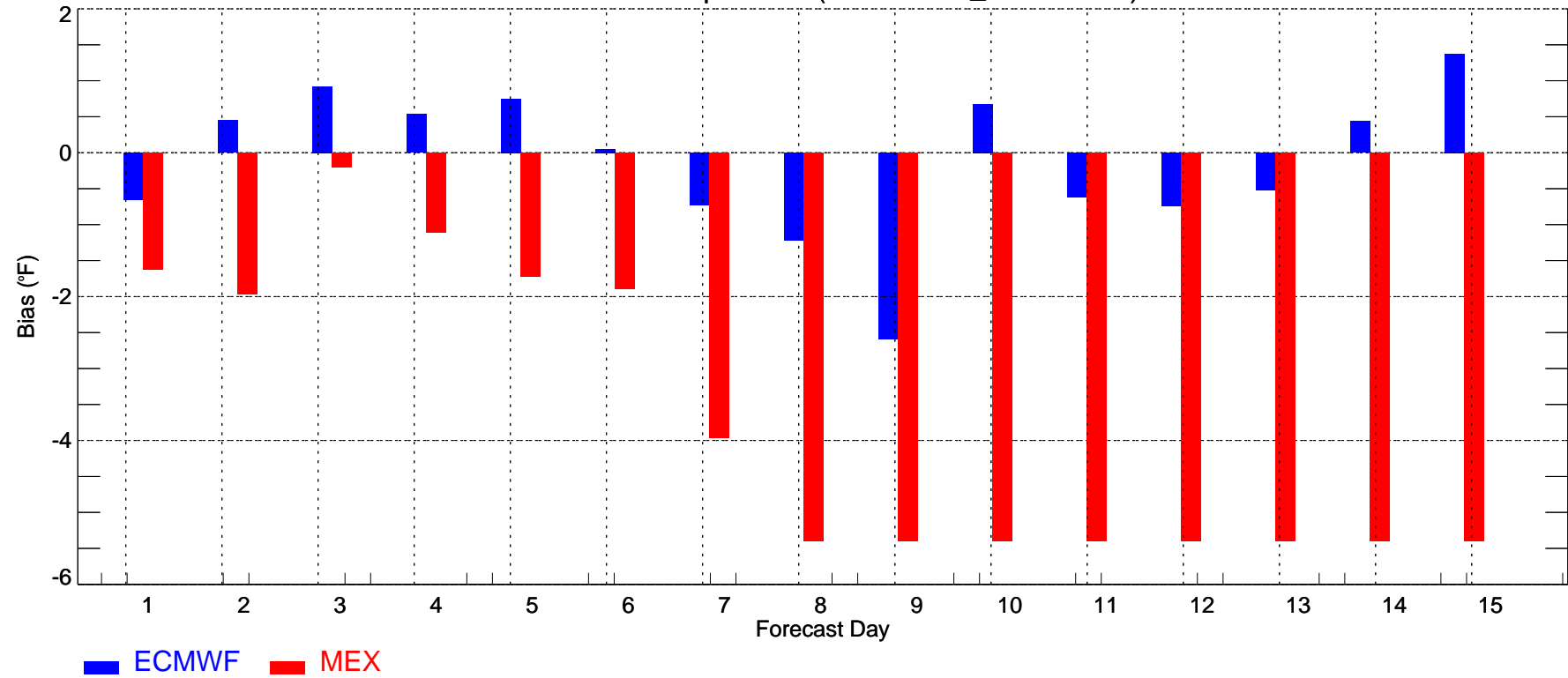
CUST2: Min Temperature (2007-11-01\_2007-11-30)



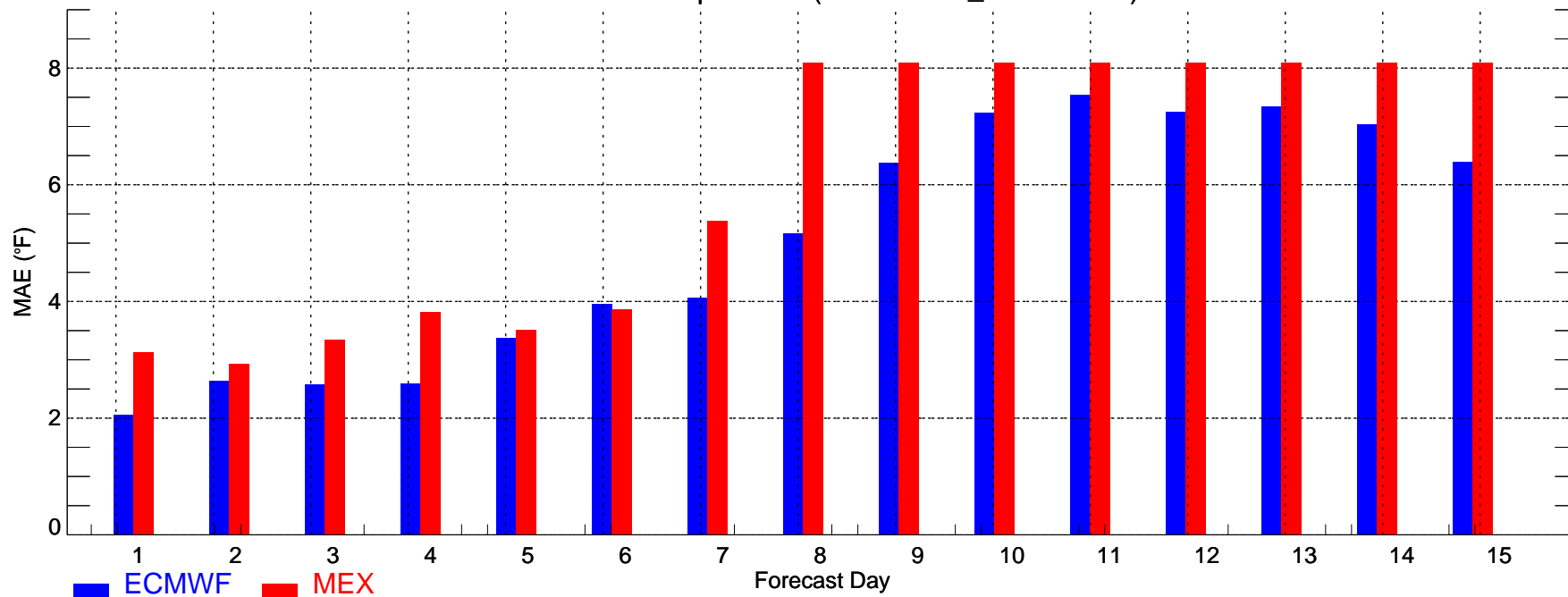
DFW: Max Temperature (2007-11-01\_2007-11-30)



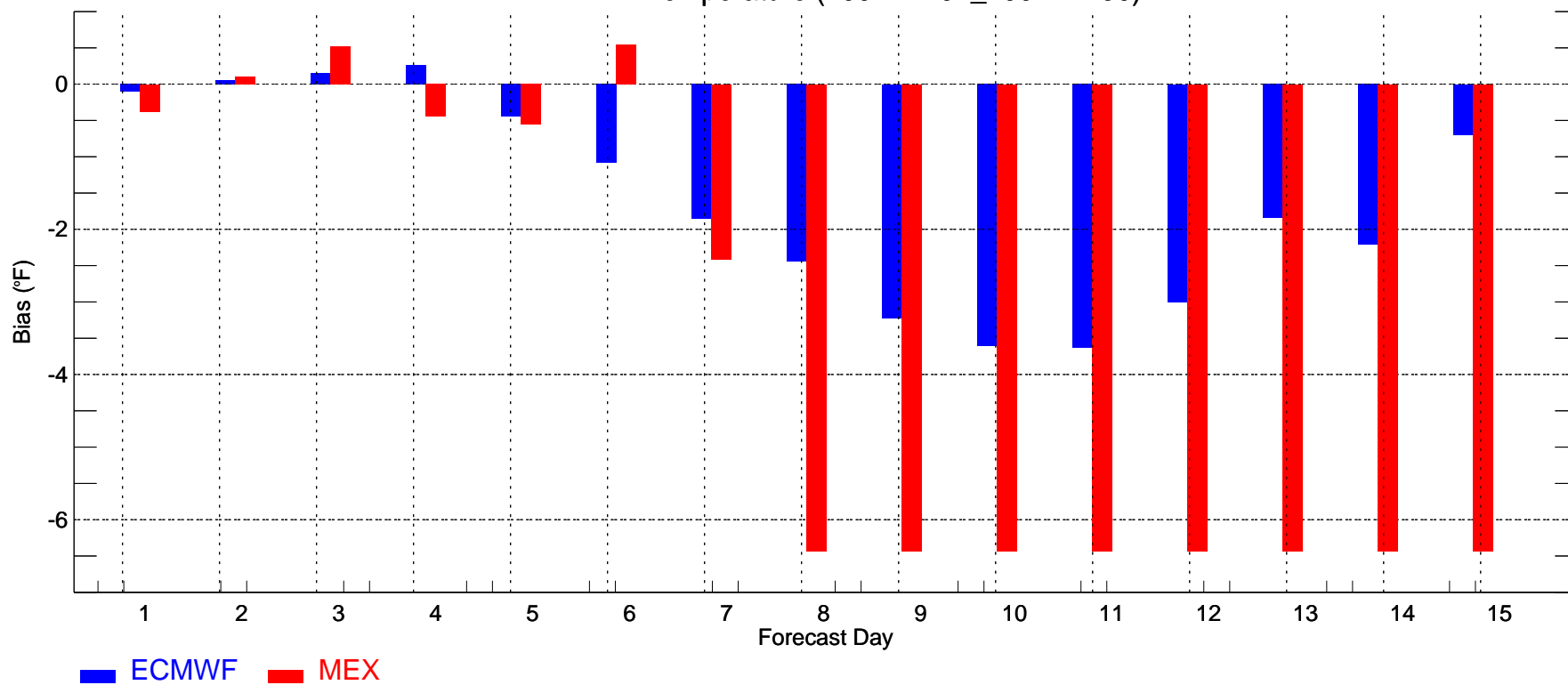
DFW: Max Temperature (2007-11-01\_2007-11-30)



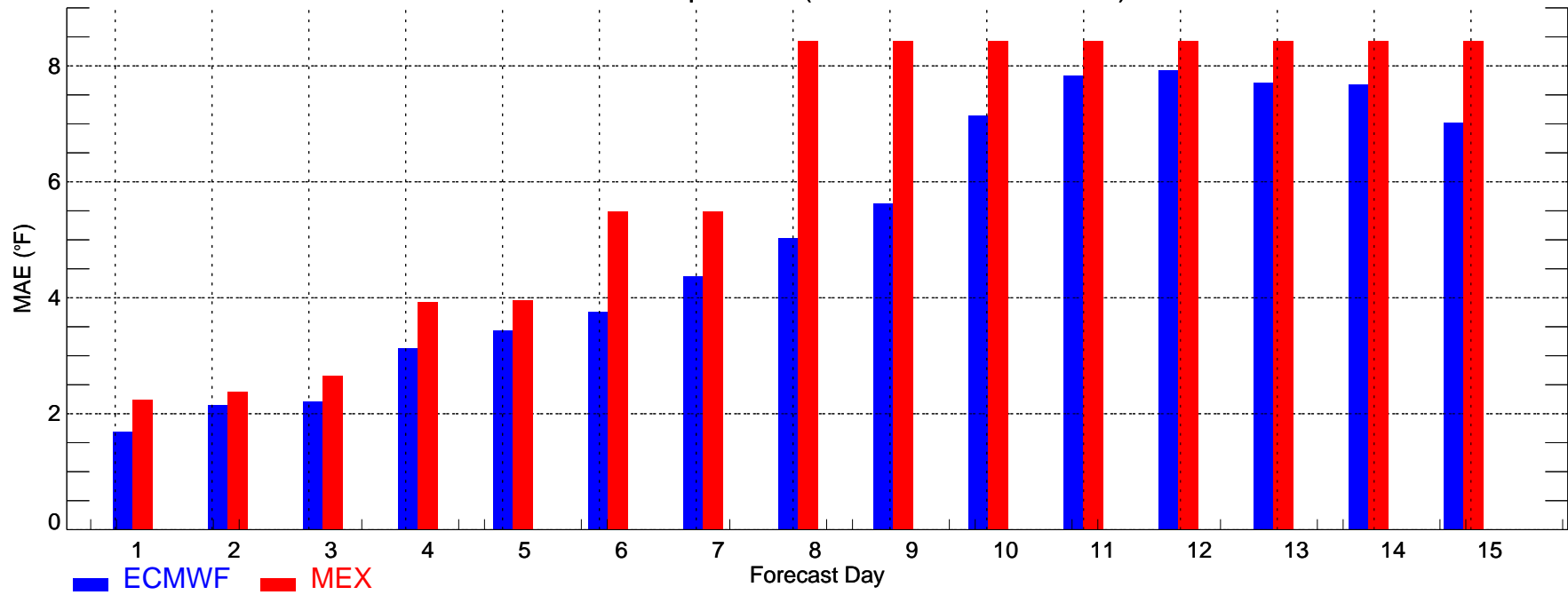
DFW: Min Temperature (2007-11-01\_2007-11-30)



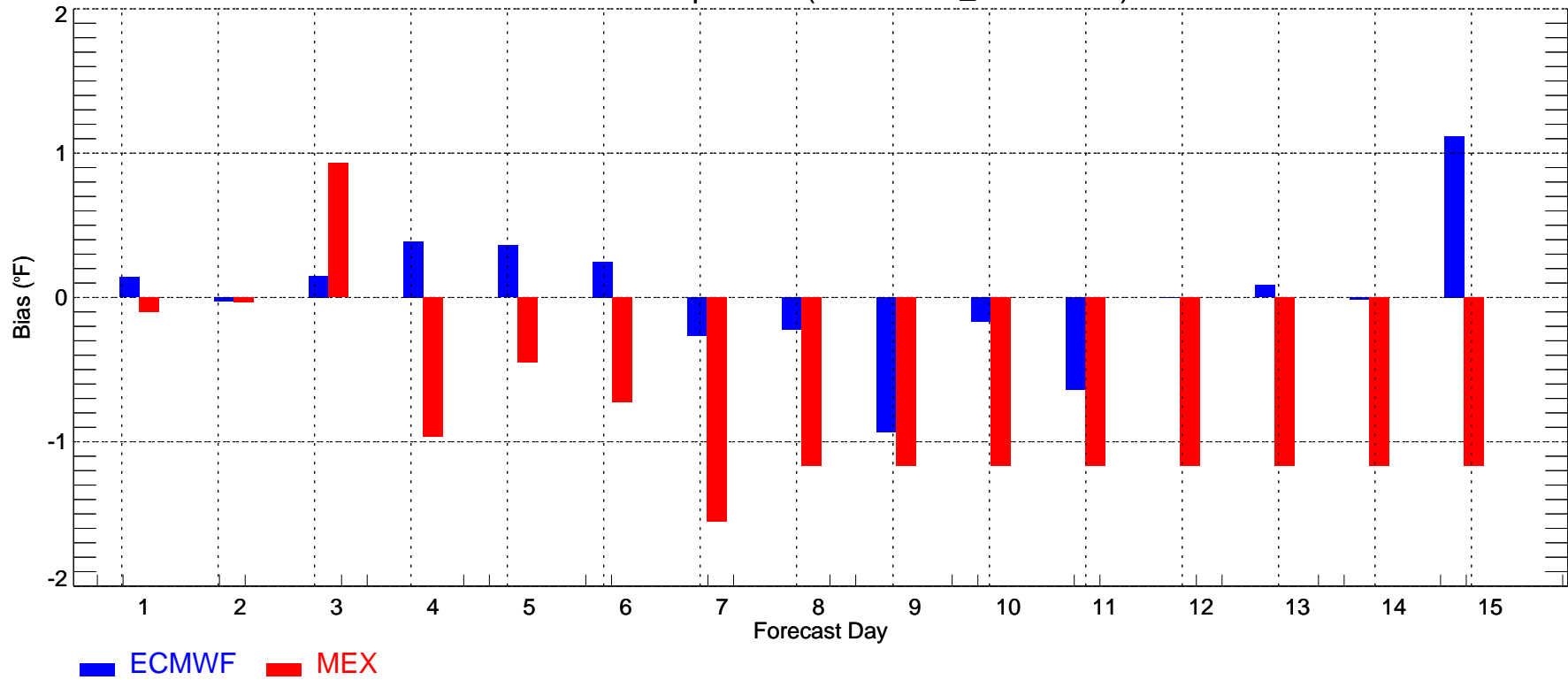
DFW: Min Temperature (2007-11-01\_2007-11-30)



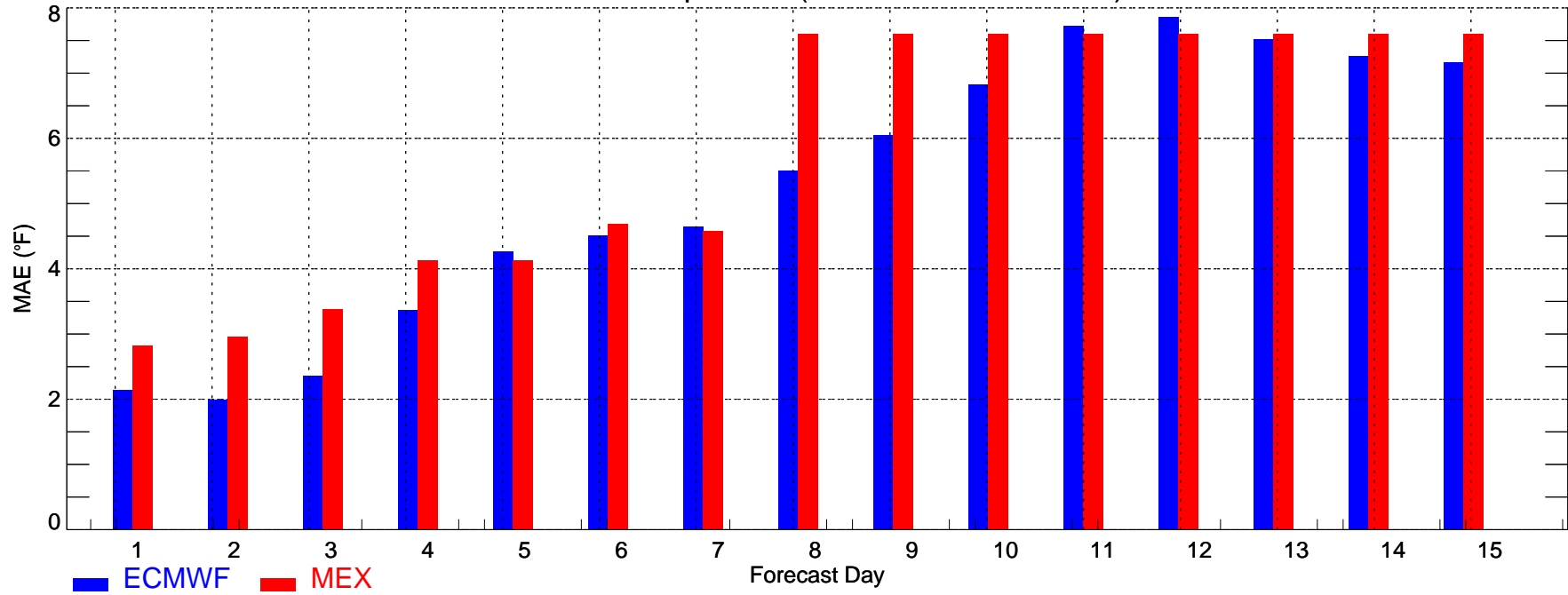
IAH: Max Temperature (2007-11-01\_2007-11-30)



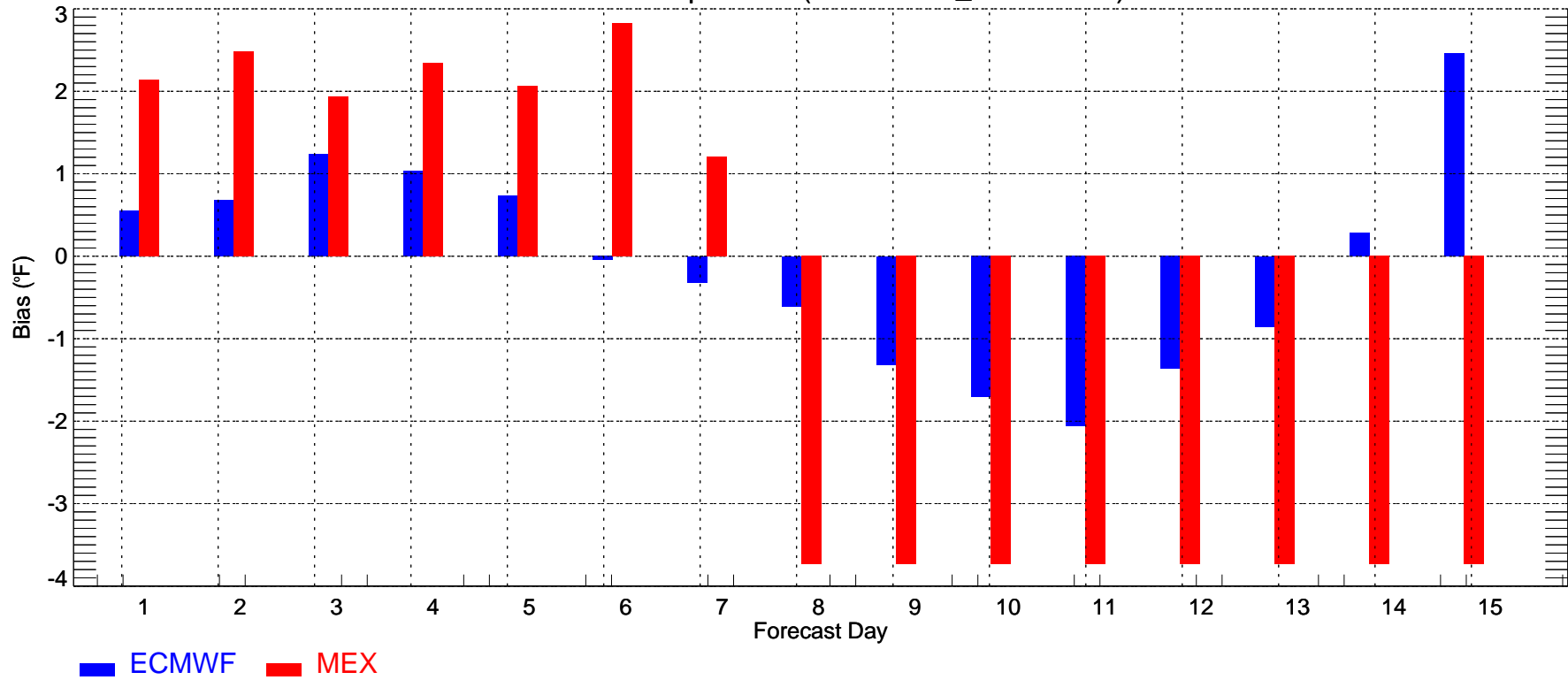
IAH: Max Temperature (2007-11-01\_2007-11-30)



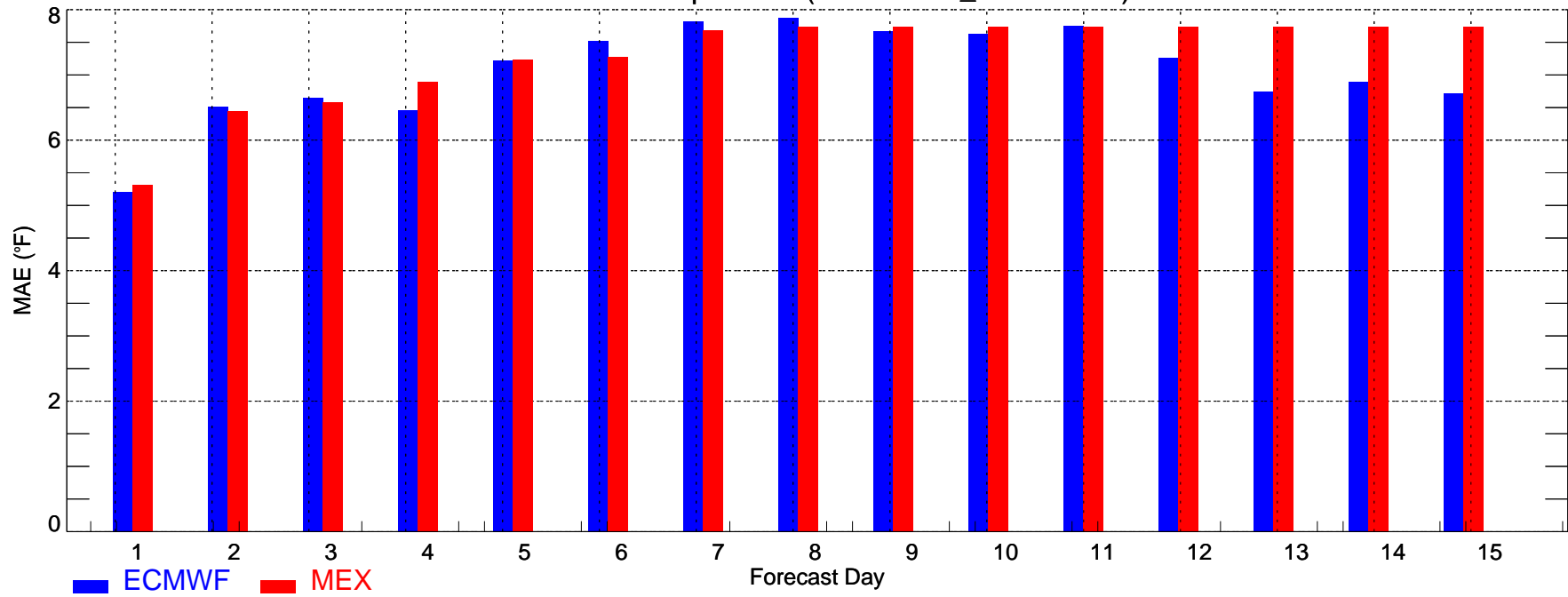
IAH: Min Temperature (2007-11-01\_2007-11-30)



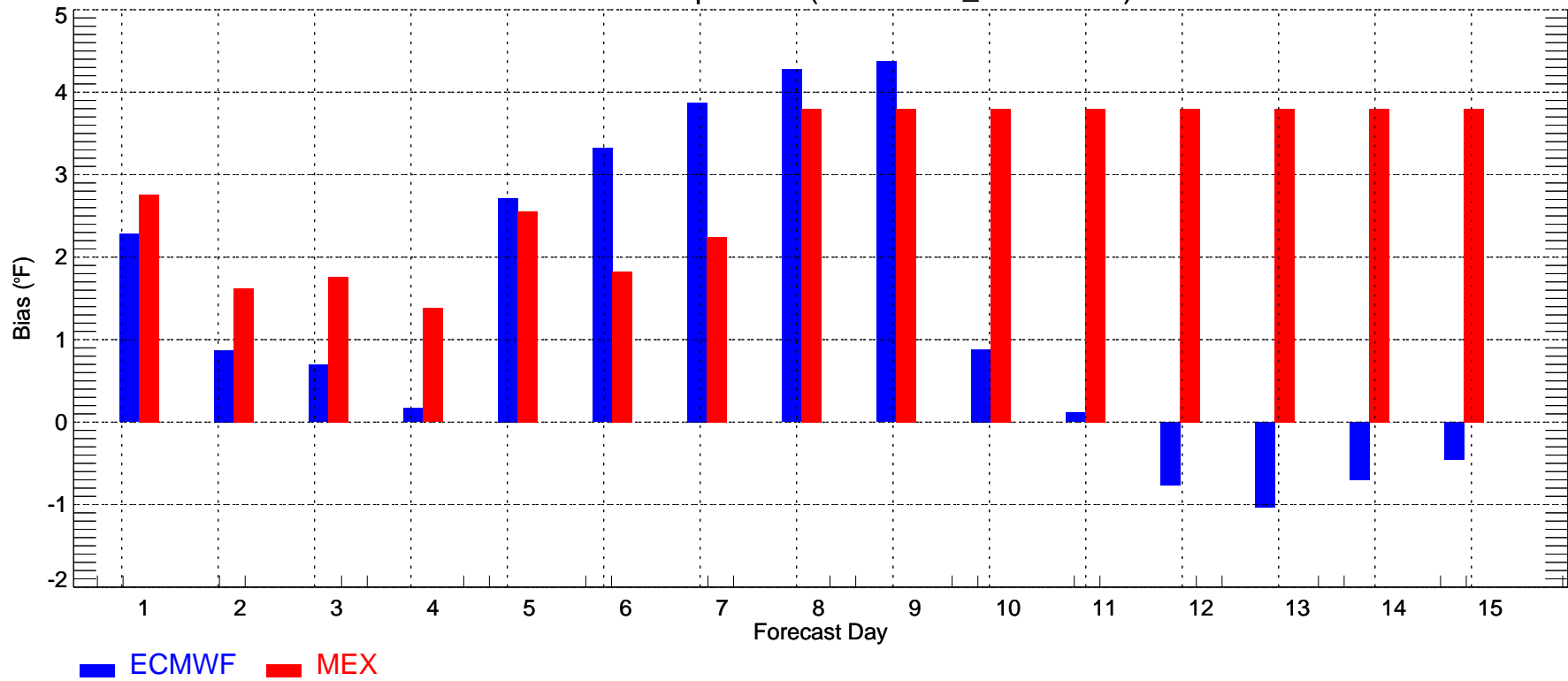
IAH: Min Temperature (2007-11-01\_2007-11-30)



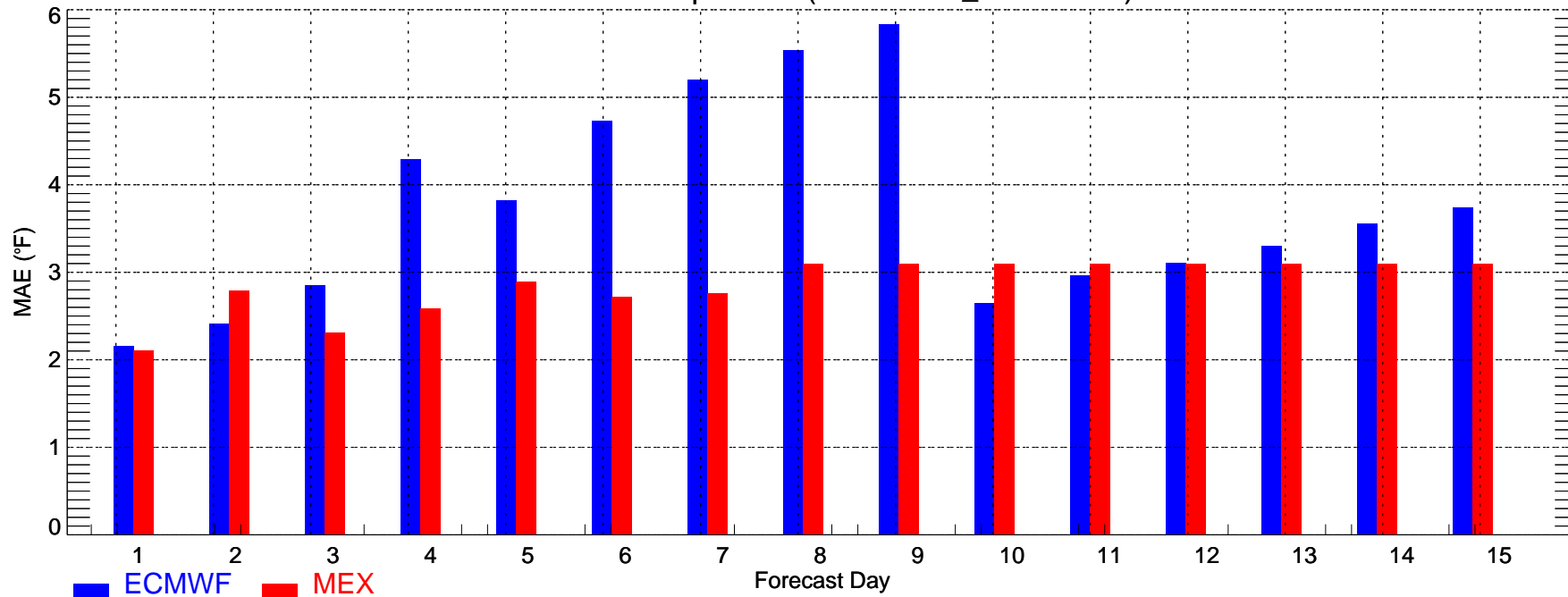
LAX: Max Temperature (2007-11-01\_2007-11-30)



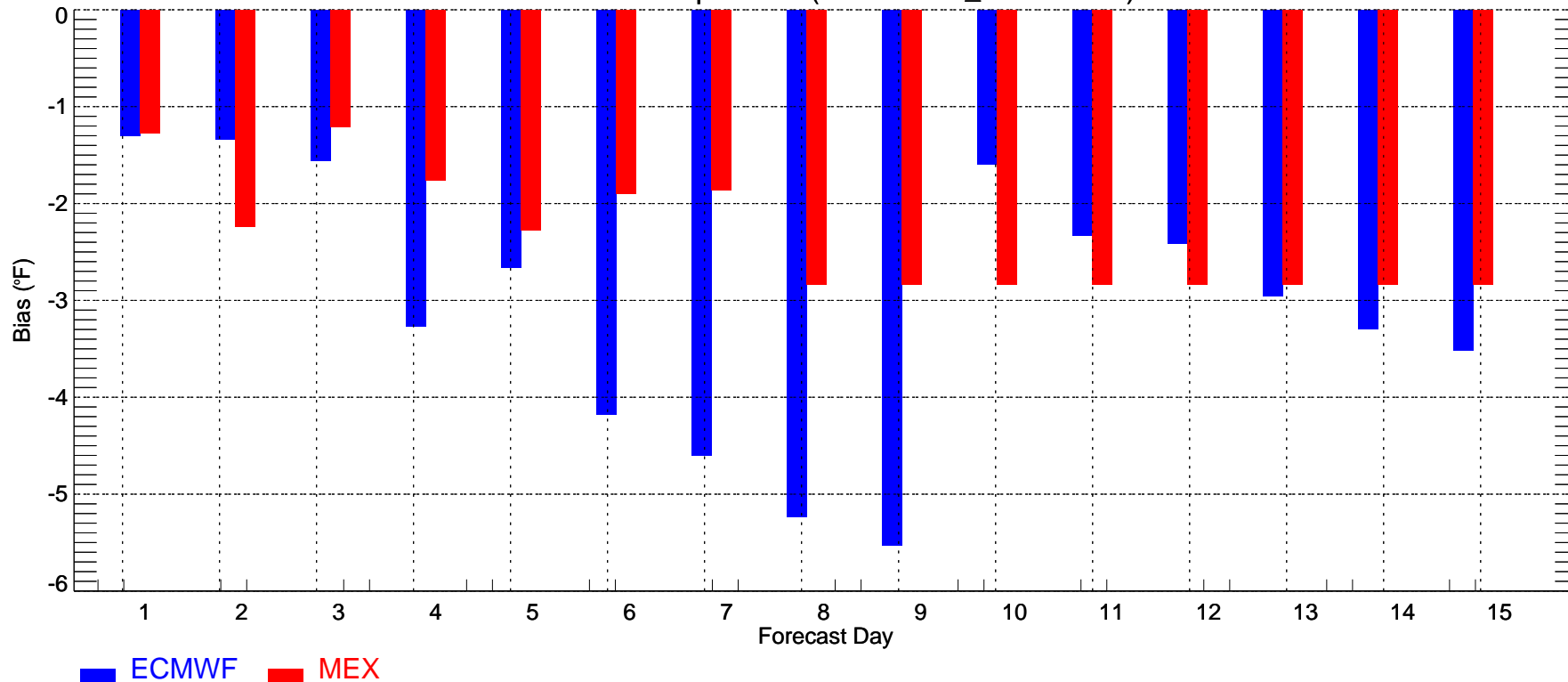
LAX: Max Temperature (2007-11-01\_2007-11-30)



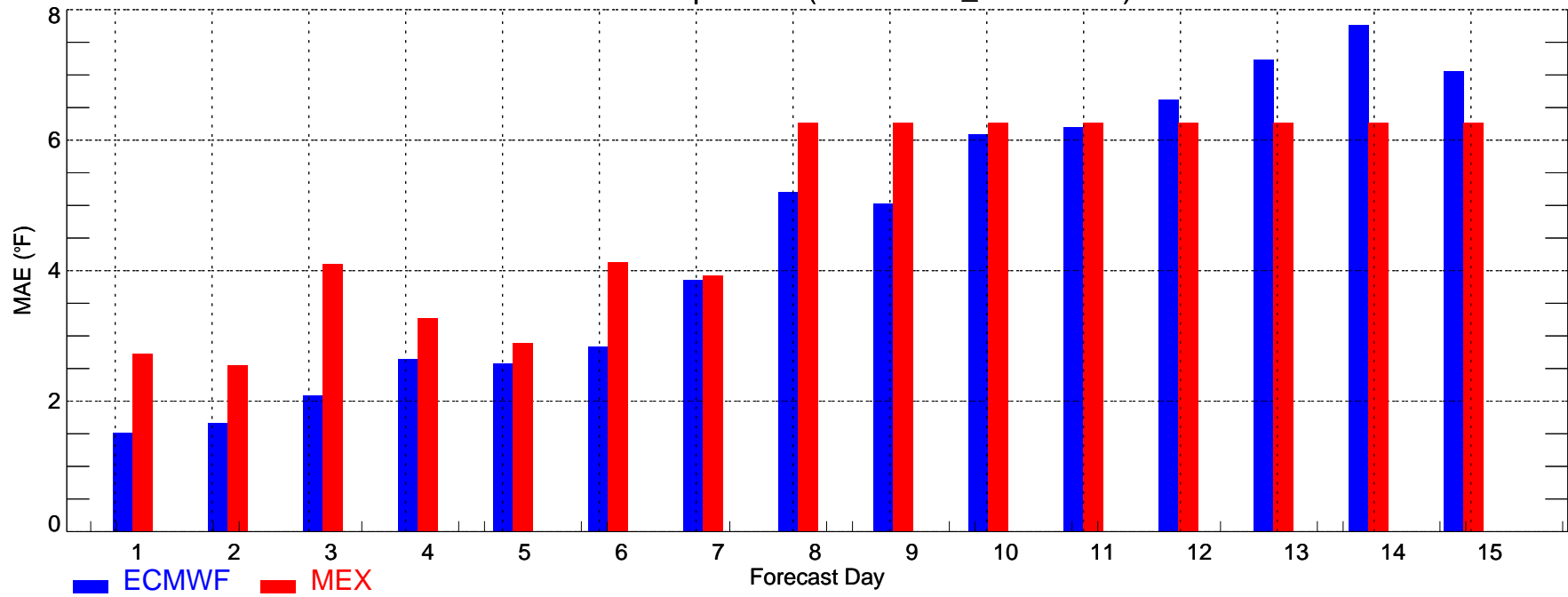
LAX: Min Temperature (2007-11-01\_2007-11-30)



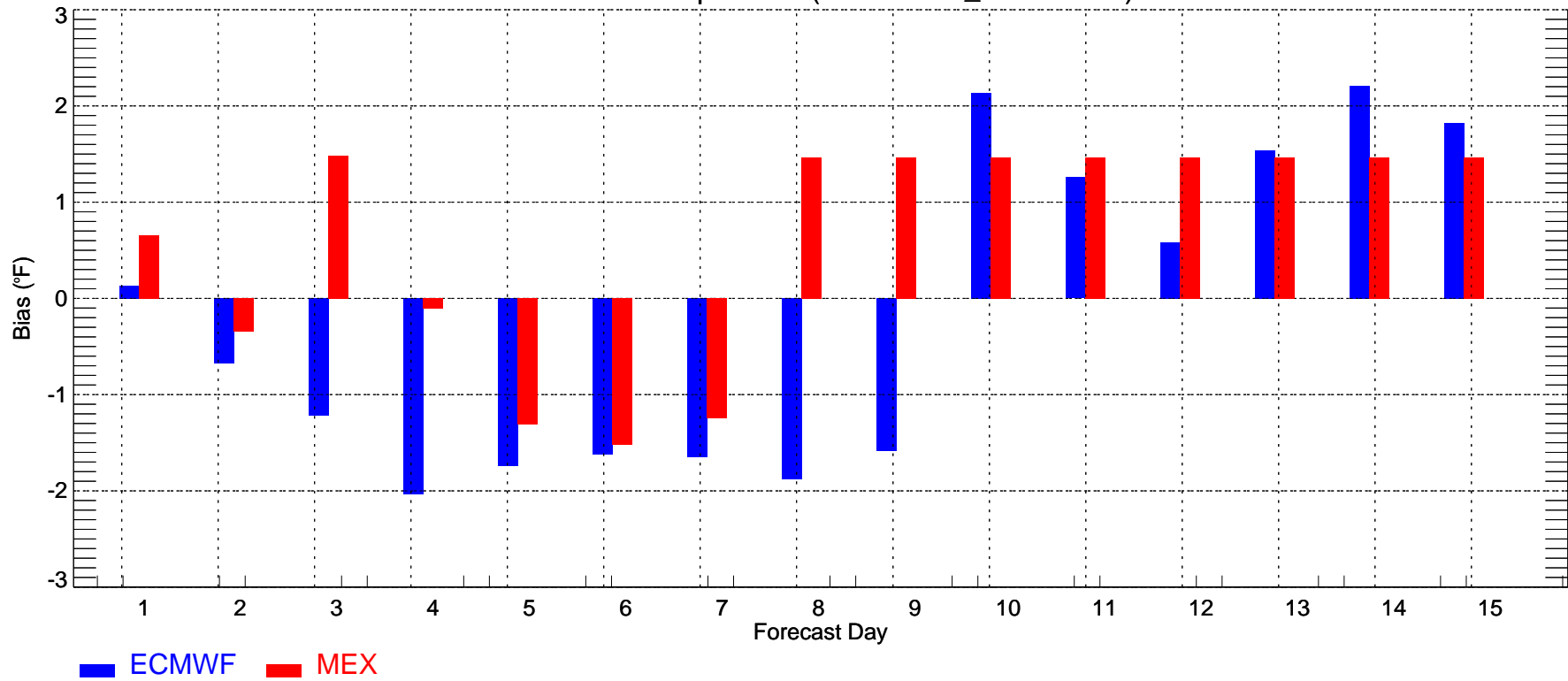
LAX: Min Temperature (2007-11-01\_2007-11-30)



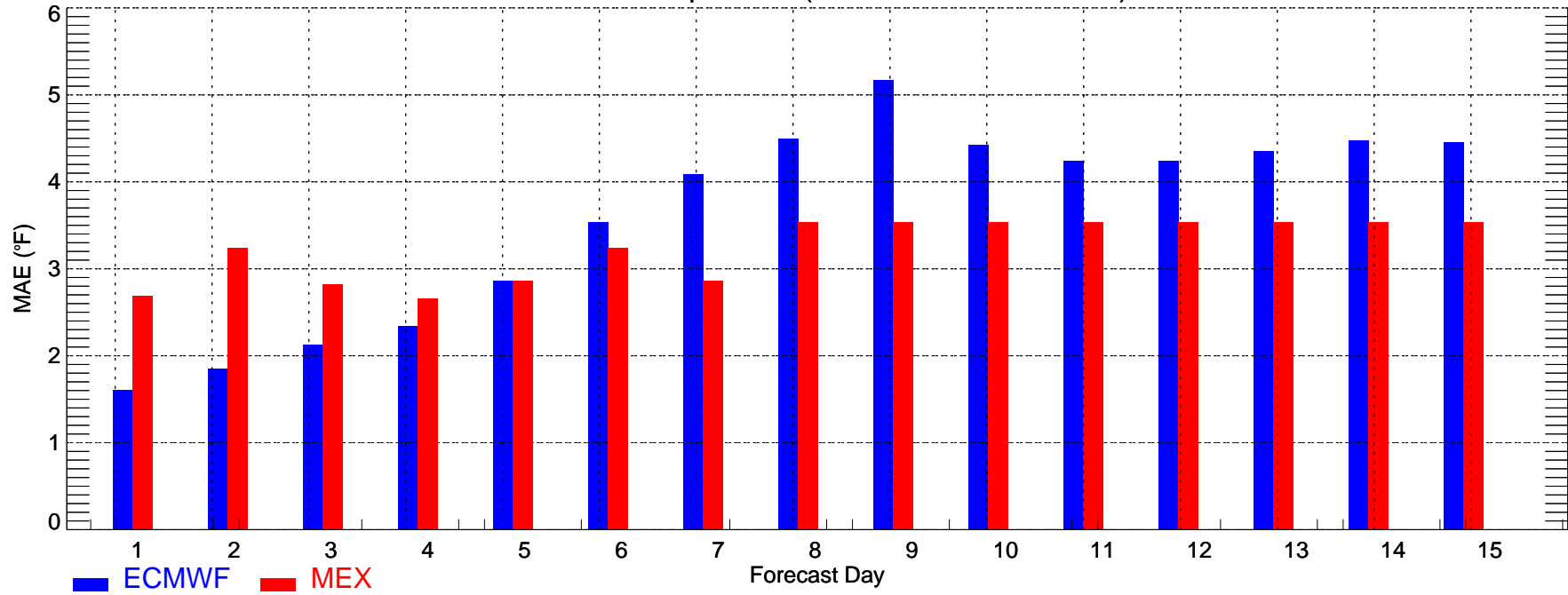
LGA: Max Temperature (2007-11-01\_2007-11-30)



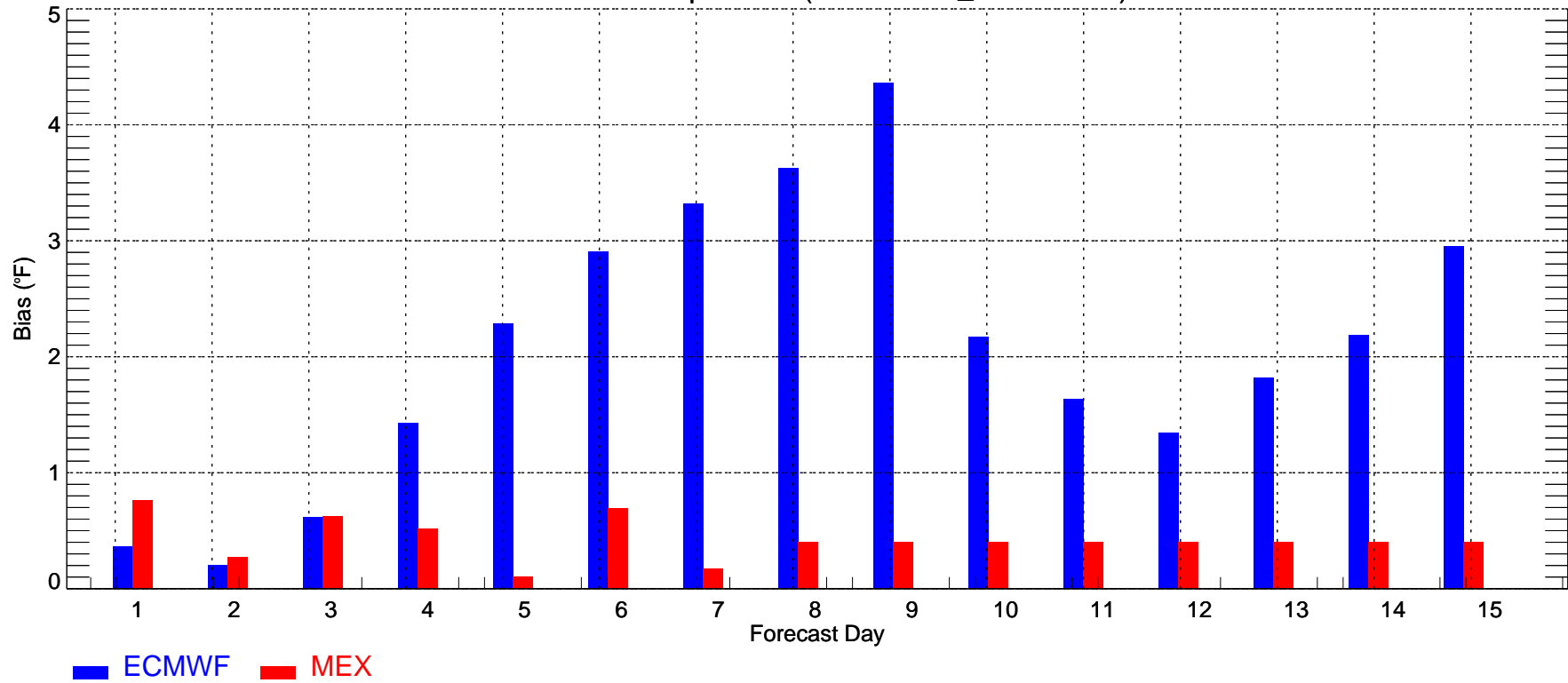
LGA: Max Temperature (2007-11-01\_2007-11-30)



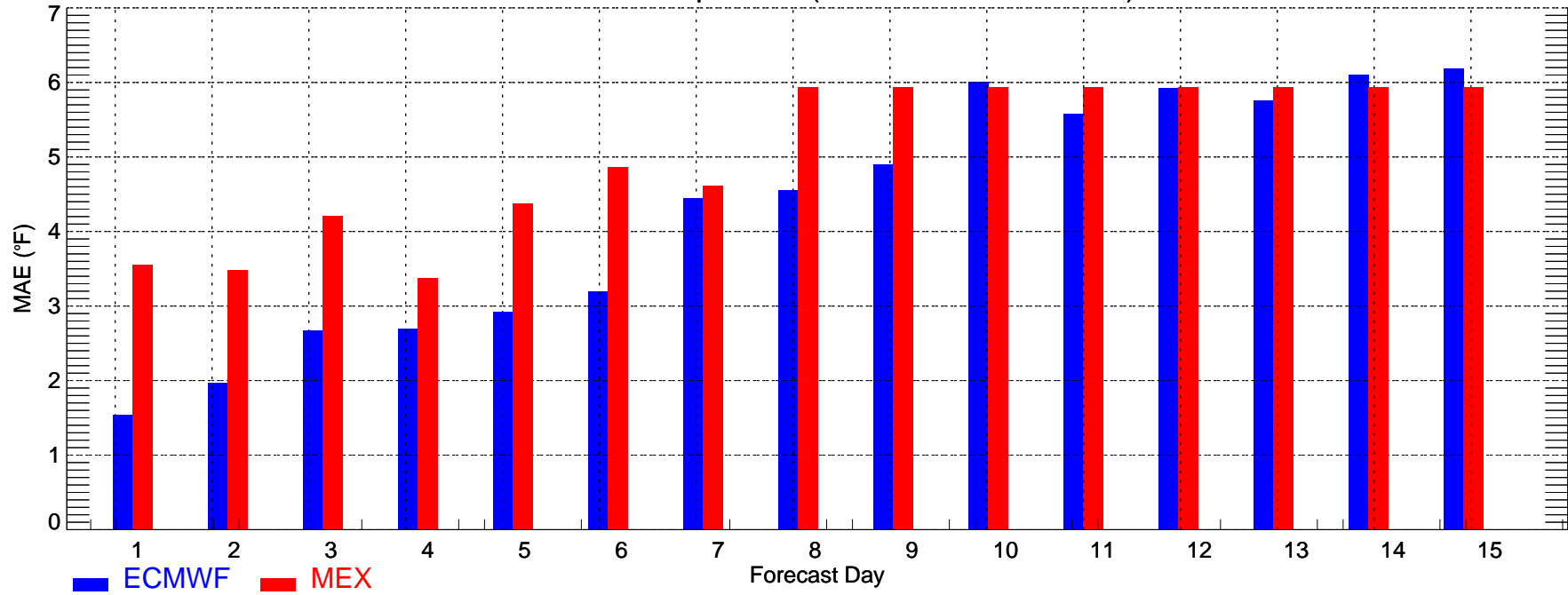
LGA: Min Temperature (2007-11-01\_2007-11-30)



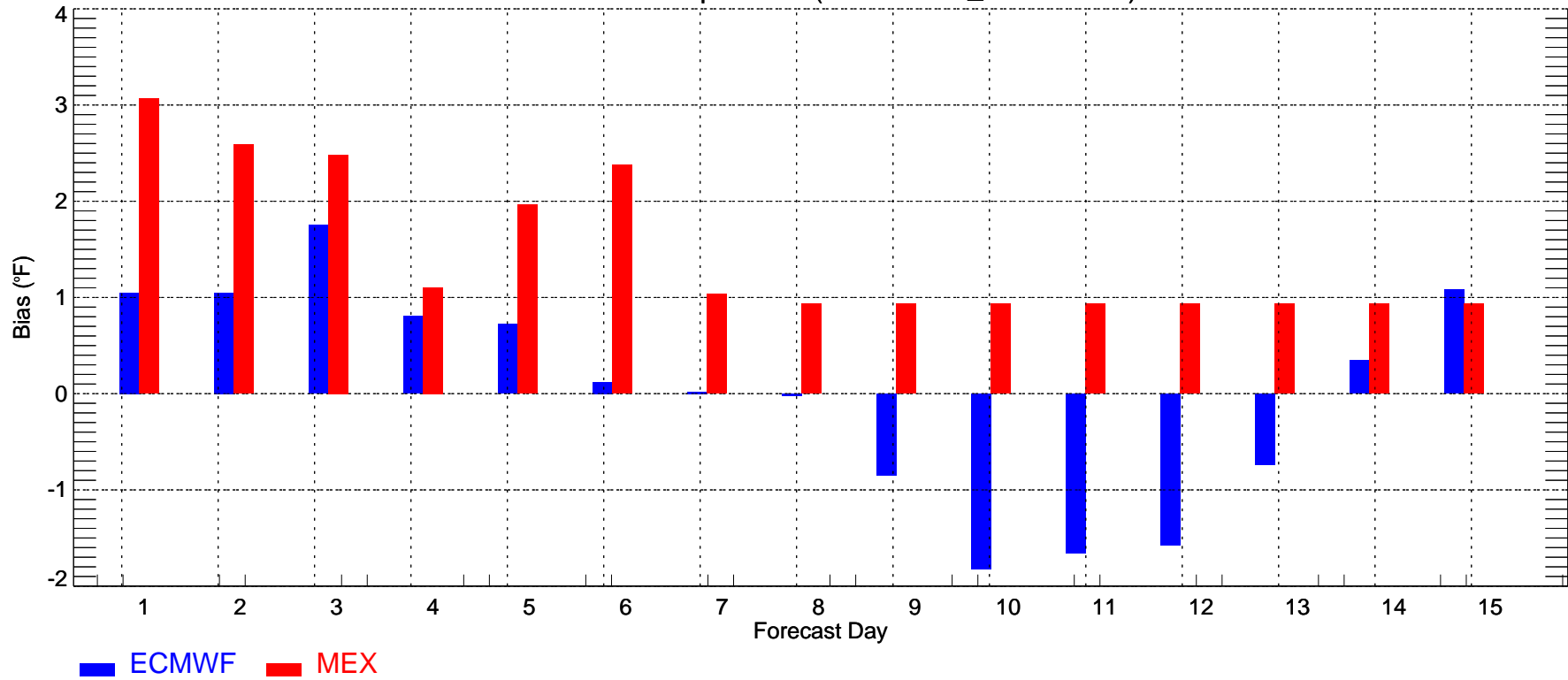
LGA: Min Temperature (2007-11-01\_2007-11-30)



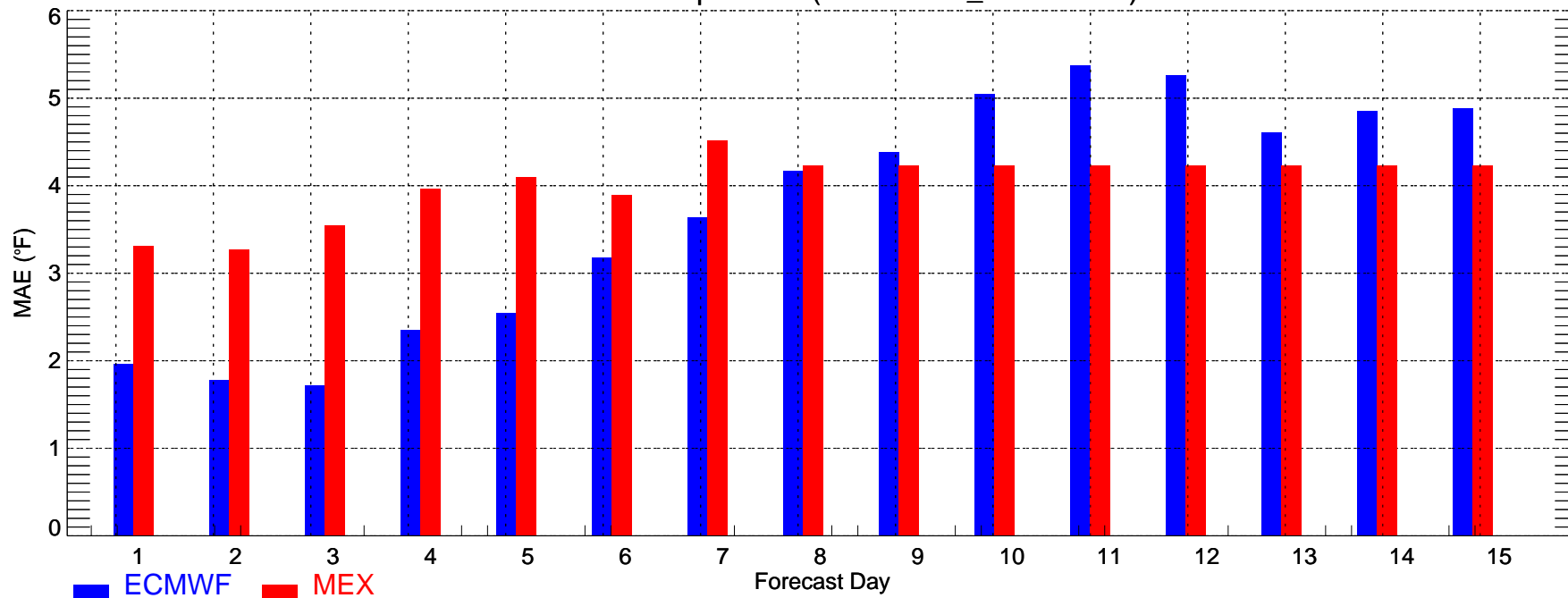
ORD: Max Temperature (2007-11-01\_2007-11-30)



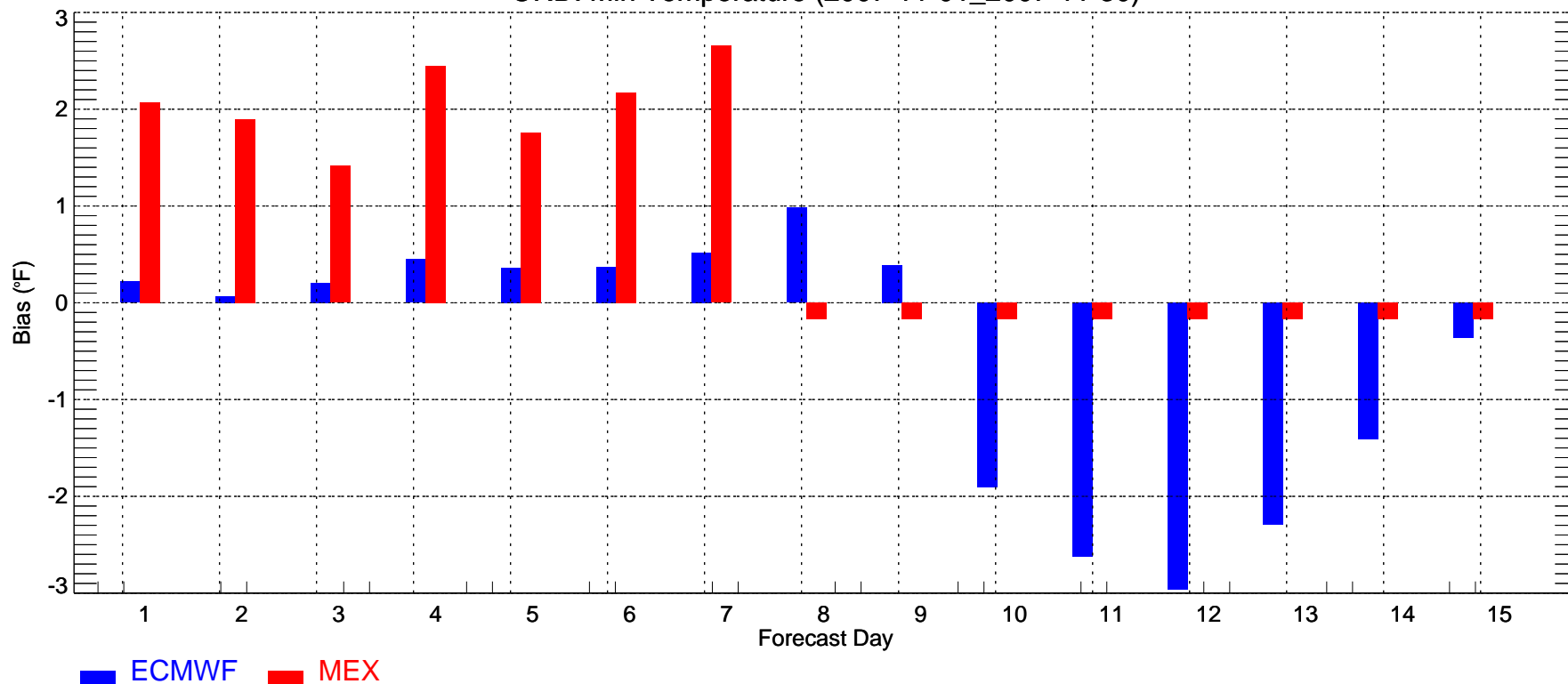
ORD: Max Temperature (2007-11-01\_2007-11-30)



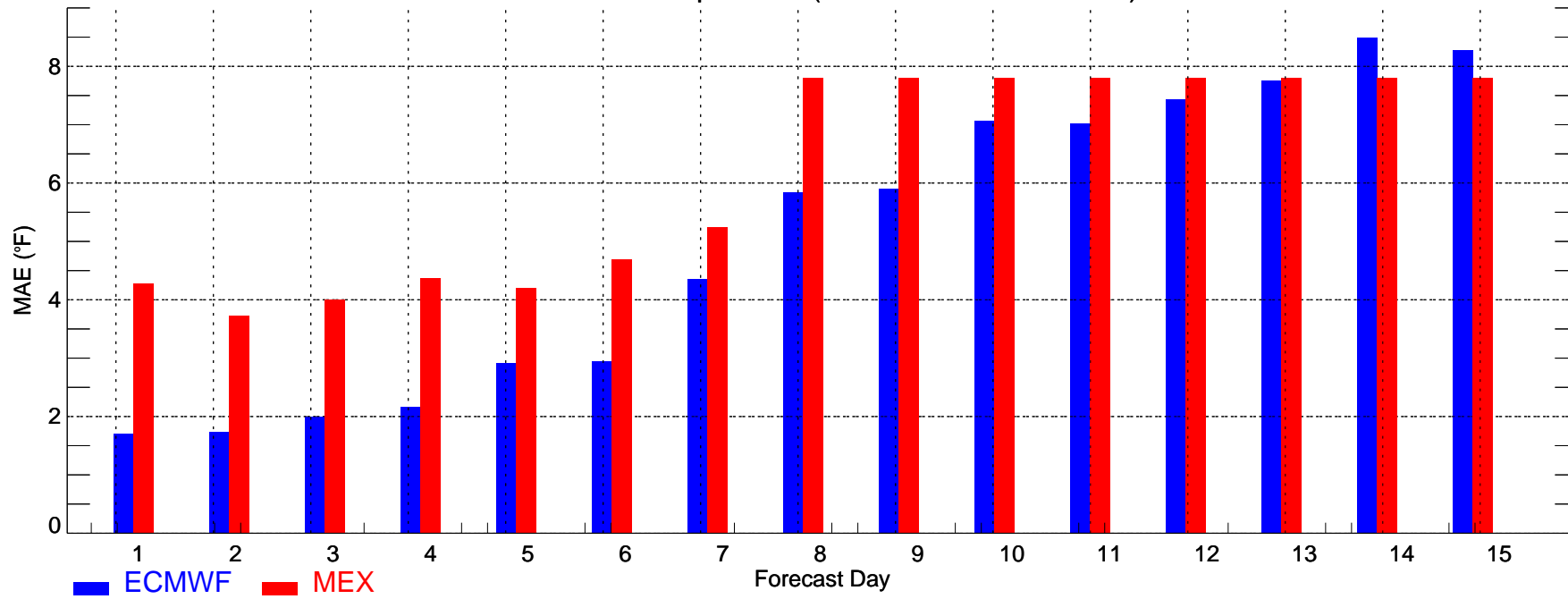
ORD: Min Temperature (2007-11-01\_2007-11-30)



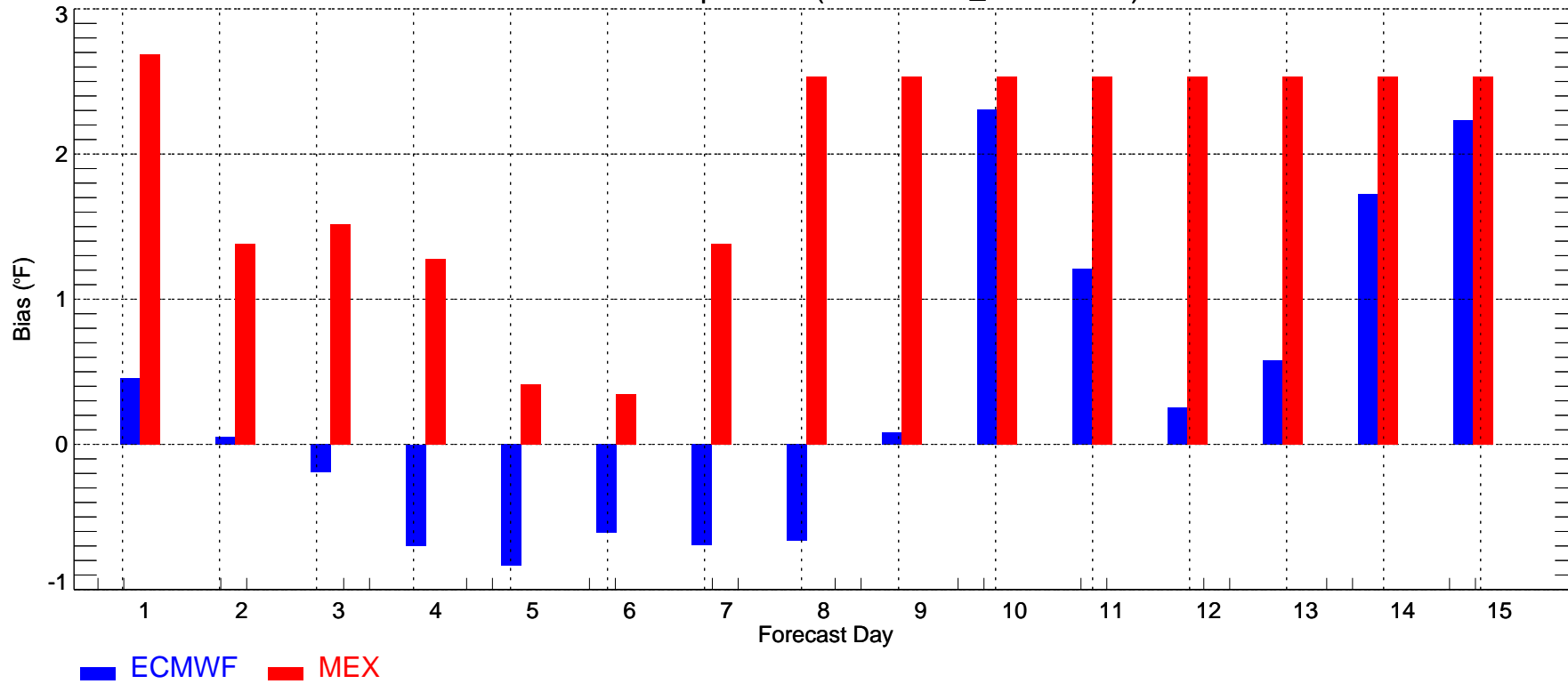
ORD: Min Temperature (2007-11-01\_2007-11-30)



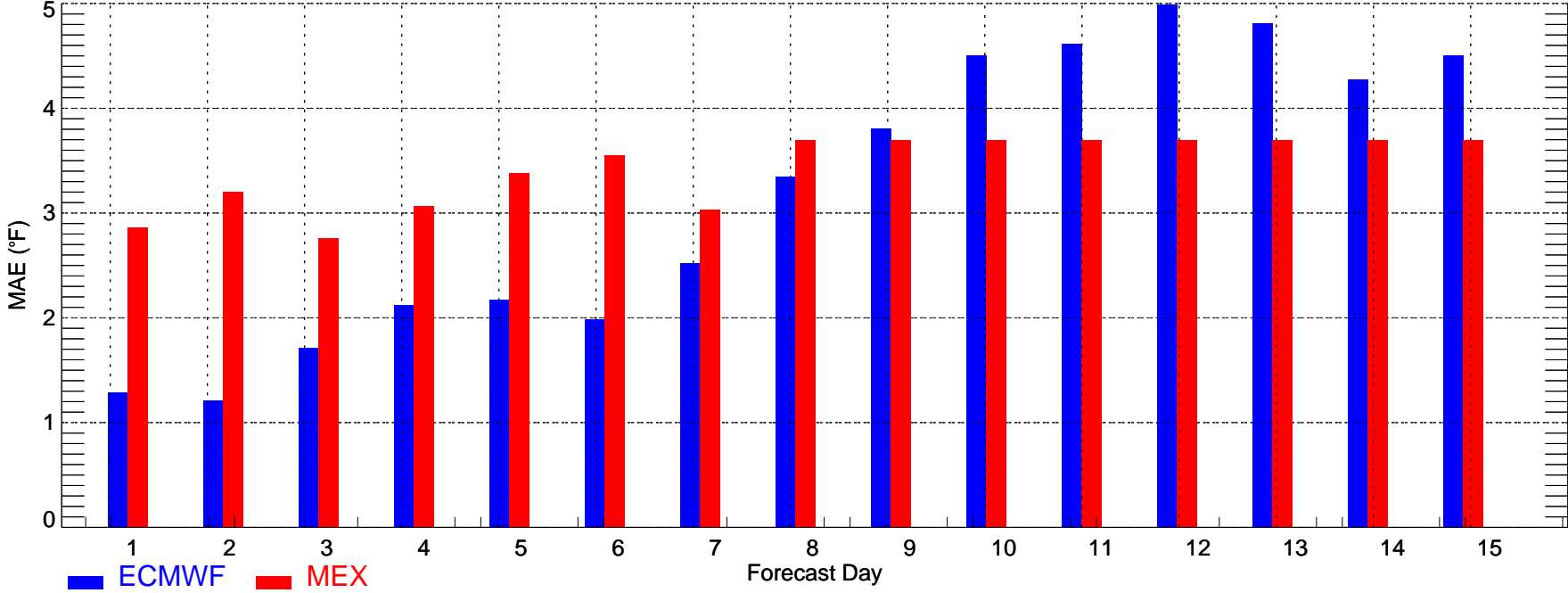
PHL: Max Temperature (2007-11-01\_2007-11-30)



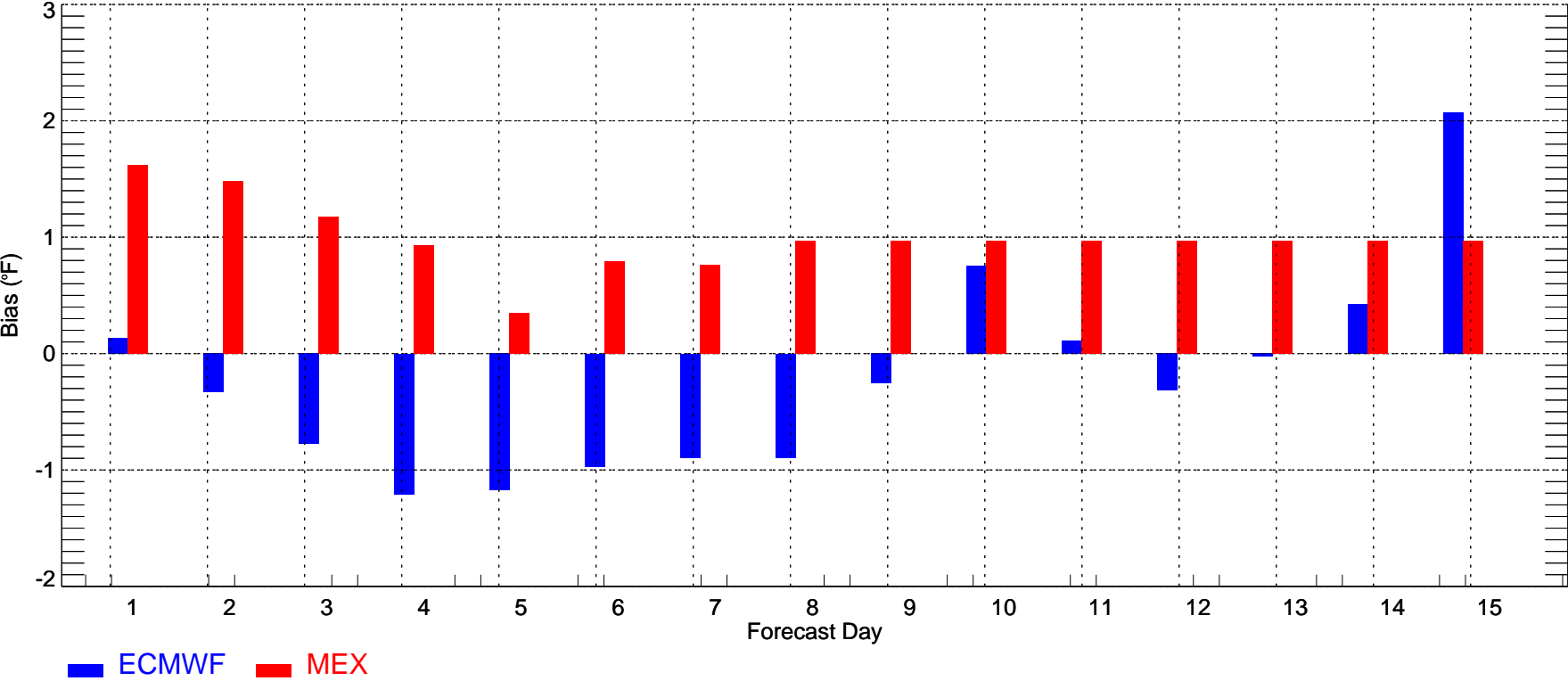
PHL: Max Temperature (2007-11-01\_2007-11-30)



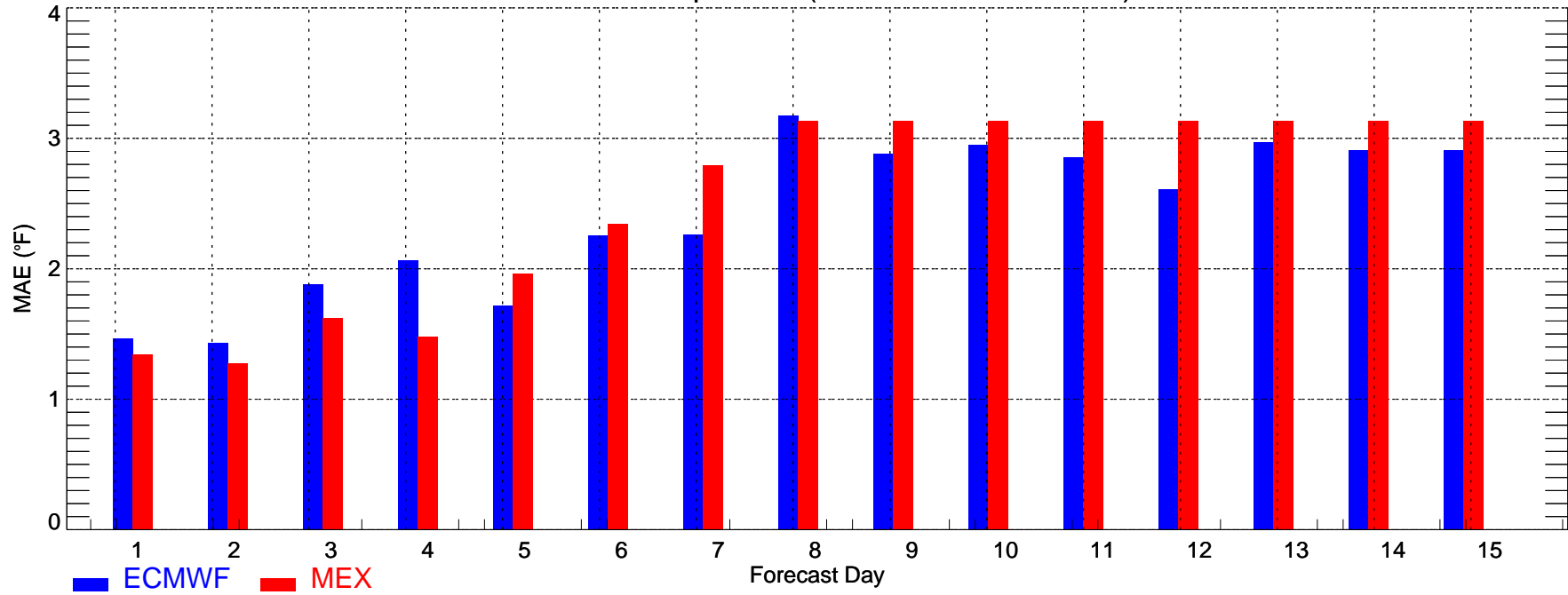
PHL: Min Temperature (2007-11-01\_2007-11-30)



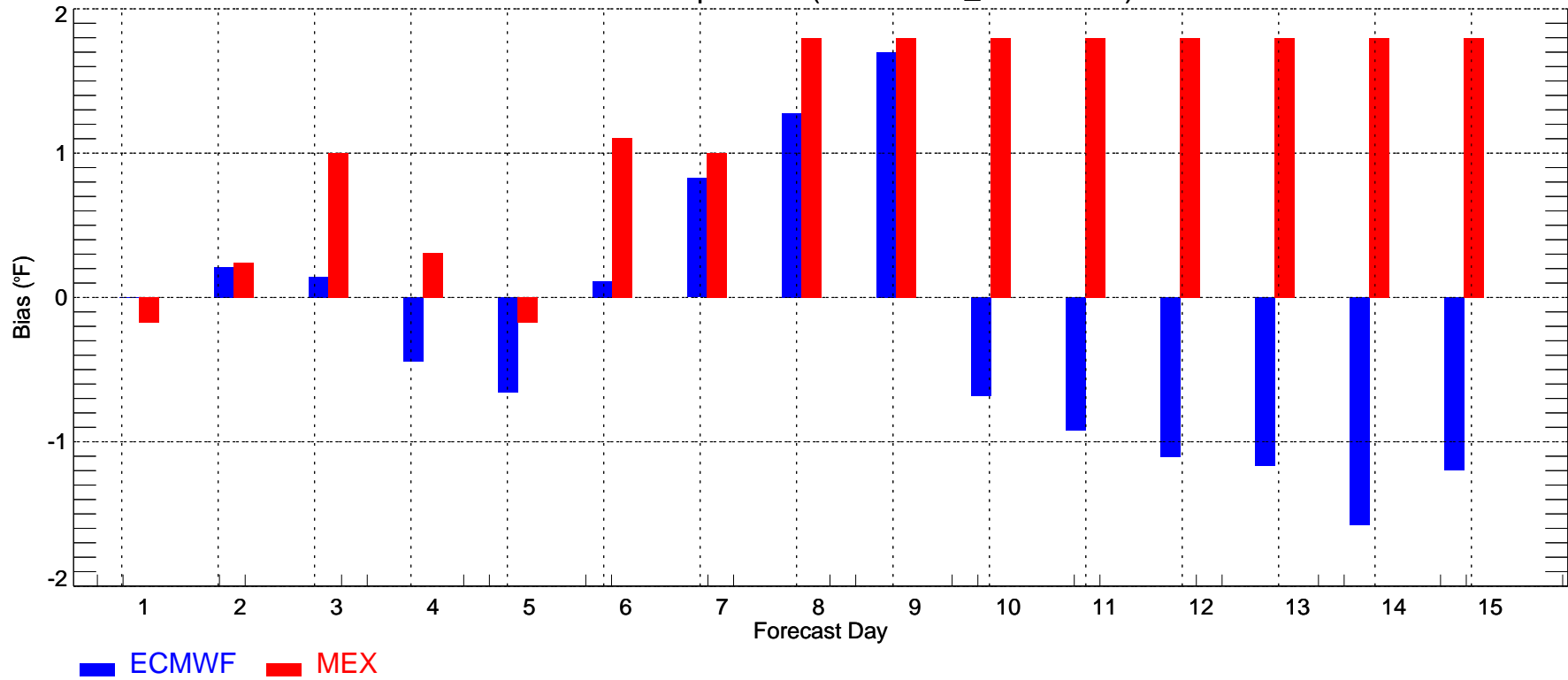
PHL: Min Temperature (2007-11-01\_2007-11-30)



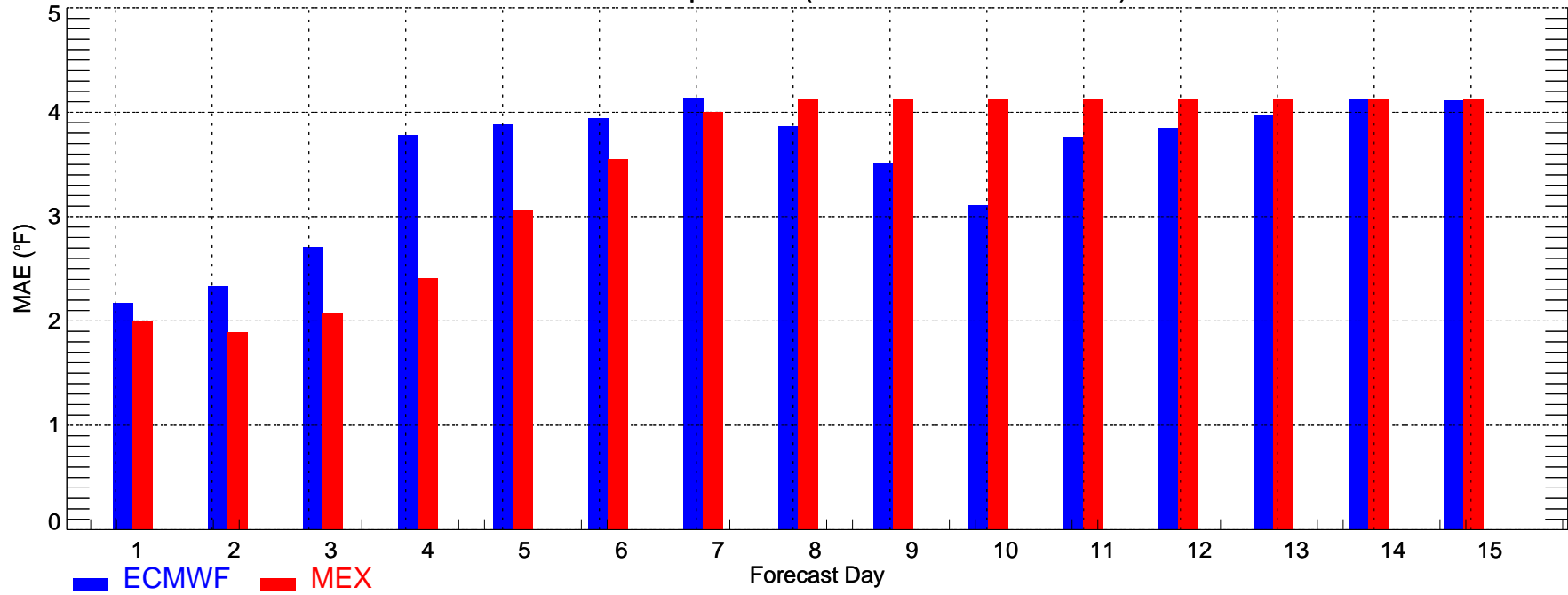
SEA: Max Temperature (2007-11-01\_2007-11-30)



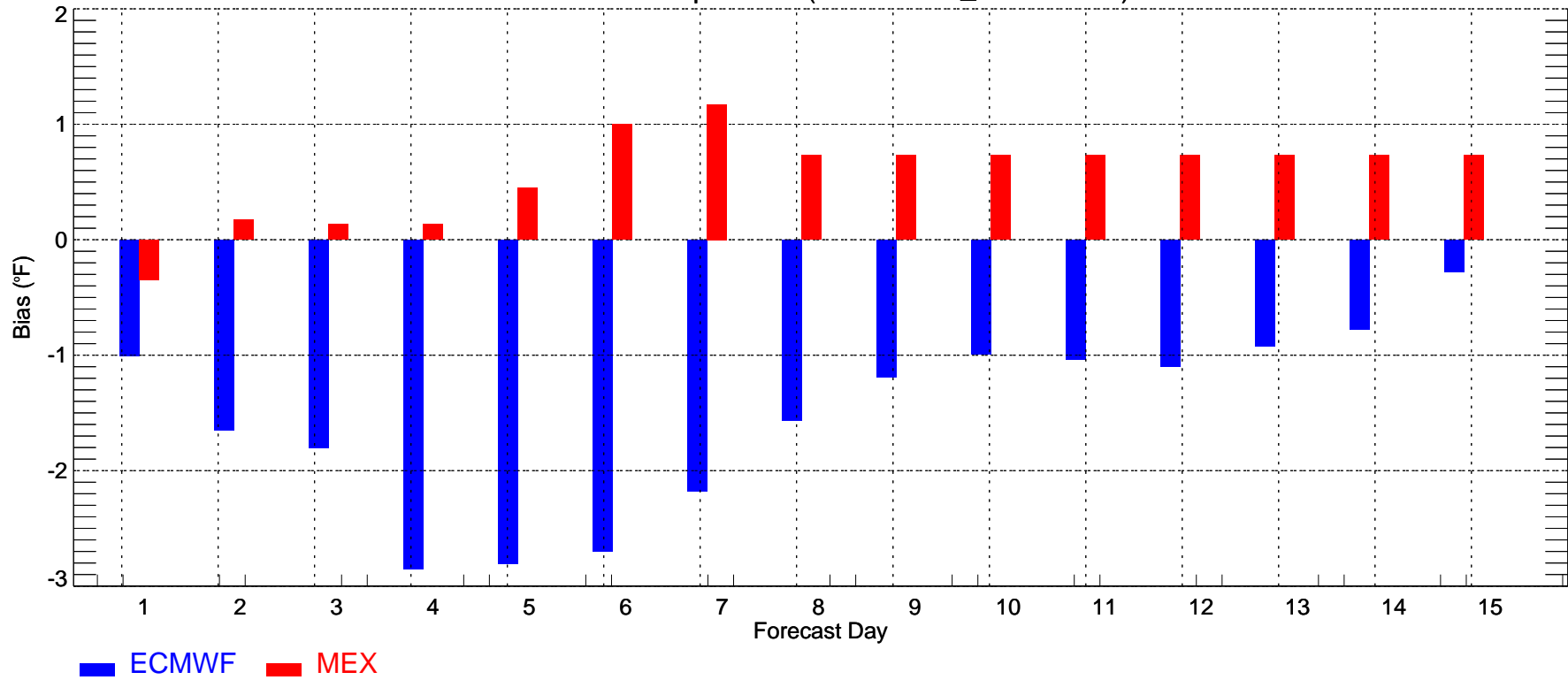
SEA: Max Temperature (2007-11-01\_2007-11-30)



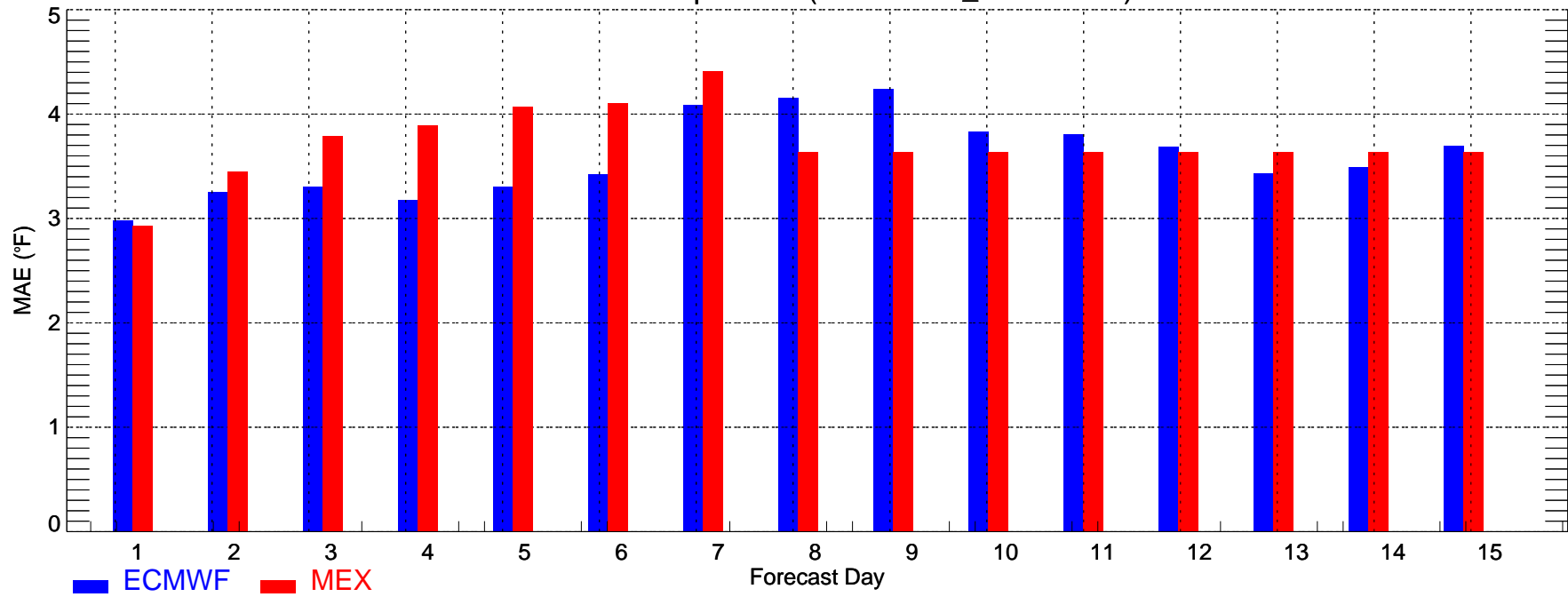
SEA: Min Temperature (2007-11-01\_2007-11-30)



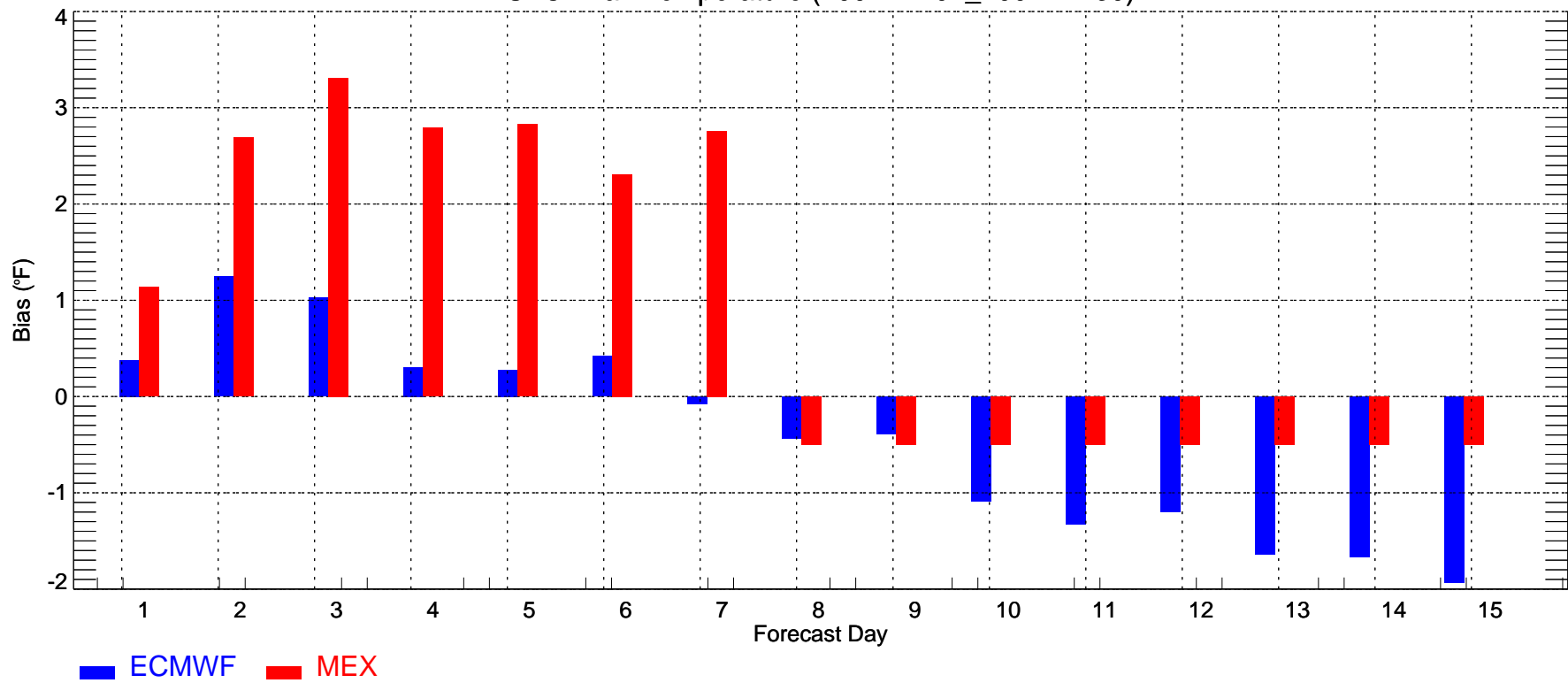
SEA: Min Temperature (2007-11-01\_2007-11-30)



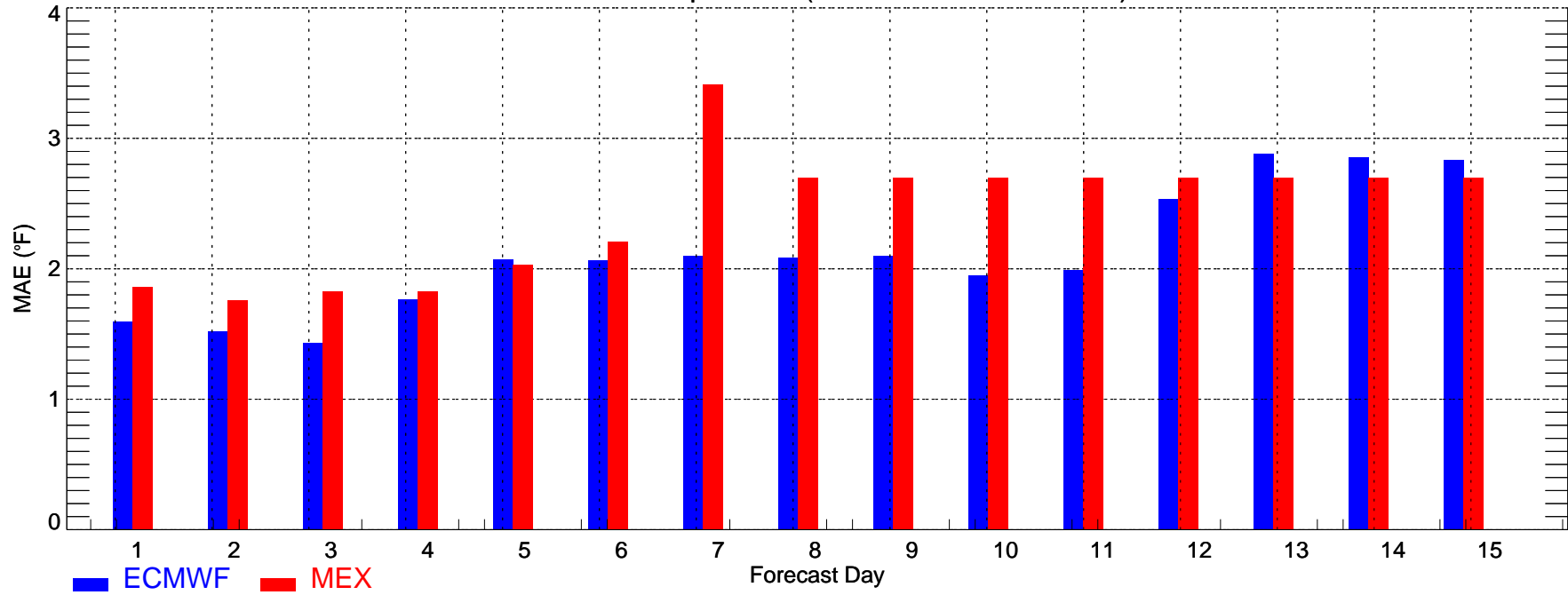
SFO: Max Temperature (2007-11-01\_2007-11-30)



SFO: Max Temperature (2007-11-01\_2007-11-30)



SFO: Min Temperature (2007-11-01\_2007-11-30)



SFO: Min Temperature (2007-11-01\_2007-11-30)

