

# eCast Monthly External Customized Report for 2008-06-01 ~ 2008-06-30

July 16, 2008

Copyright (c) Atmospheric and Environmental Research (AER), Inc., 2008

AER Proprietary Information --

Release or disclosure only with the expressed written permission of AER

# ECMWF Temperature MAE Regional Summary

Max (2008-06-01~2008-06-30)

	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
CUST1	2.5	3.0	3.4	4.0	4.3	4.6	4.5	4.7	4.9	5.5	5.5	5.6	5.7	5.6	5.7

Min (2008-06-01~2008-06-30)

	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
CUST1	2.0	2.1	2.3	2.8	3.0	3.0	3.1	3.3	3.4	3.5	3.7	3.8	4.0	4.1	4.1



# ECMWF Temperature BIAS Regional Summary

Max (2008-06-01~2008-06-30)

	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
CUST1	0.2	-0.1	-0.3	-0.3	-0.4	-0.2	0.1	-0.1	-0.2	2.2	2.1	2.5	2.5	2.5	2.7

Min (2008-06-01~2008-06-30)

	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
CUST1	0.3	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.3	0.1	0.2	0.1	0.3	0.2	0.1



# ECMWF Temperature MAE in CUST1

Max (2008-06-01~2008-06-30)

	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
AUS	1.8	2.5	2.7	3.0	3.3	3.5	3.2	2.8	2.5	2.6	2.5	2.6	2.5	2.5	2.7
BOS	3.8	4.0	4.5	5.5	5.8	5.5	5.8	7.0	7.9	8.6	7.4	7.3	7.7	7.8	7.2
CVG	1.9	2.3	3.1	4.0	4.0	3.8	3.5	3.7	3.4	4.1	3.9	4.5	4.5	4.5	4.2
DFW	2.3	3.6	3.2	3.8	3.7	3.7	2.9	2.7	3.3	4.6	4.7	4.7	4.6	4.5	5.0
HOU	1.9	2.4	2.3	2.3	2.6	2.6	2.9	2.8	2.8	3.2	3.0	2.7	2.8	2.4	2.5
IAH	2.3	2.4	2.5	2.5	2.9	3.5	3.6	3.4	3.3	4.3	4.5	4.7	4.5	4.4	4.7
MSP	2.0	2.4	3.3	4.5	4.0	5.2	5.3	4.8	4.6	4.6	4.6	5.1	5.1	5.1	4.8
ORD	2.3	2.7	2.5	3.1	3.0	3.6	4.5	4.9	4.5	4.6	4.3	4.6	4.8	5.3	4.8
PDX	3.1	3.8	4.3	5.3	6.8	7.0	5.7	6.2	7.1	8.1	9.3	9.2	9.4	9.1	9.7
SEA	1.9	2.5	2.6	3.3	4.3	5.5	6.1	7.1	7.5	7.7	8.7	9.1	9.1	8.8	9.2
SFO	3.9	4.8	5.9	6.2	6.4	6.7	6.7	6.6	7.0	7.6	7.5	7.3	7.5	7.5	7.3

Min (2008-06-01~2008-06-30)

	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
AUS	2.1	2.7	3.6	4.9	4.8	4.6	4.1	3.9	4.2	4.4	4.6	4.7	4.2	4.2	4.6
BOS	2.7	2.6	3.1	3.1	3.5	3.3	3.2	3.4	3.6	3.7	4.0	3.9	3.9	3.9	3.8
CVG	1.6	1.9	1.9	2.2	2.6	2.6	2.7	3.7	4.1	4.5	4.7	4.8	5.1	5.6	5.3
DFW	2.2	2.6	2.5	2.9	3.5	3.7	3.8	3.7	3.9	3.9	3.7	3.6	3.5	3.5	3.4
HOU	1.9	2.0	2.4	3.4	3.0	3.1	2.9	2.5	2.4	3.0	3.2	3.2	3.3	3.7	3.8
IAH	1.7	1.7	2.1	3.0	2.9	2.9	2.9	3.1	3.6	3.7	3.9	4.2	4.2	4.3	4.5
MSP	2.0	2.2	2.0	2.8	2.6	2.5	3.0	3.3	2.4	2.4	2.6	3.2	3.2	3.2	2.8
ORD	2.2	2.5	2.4	2.1	3.0	3.2	3.6	4.4	4.5	4.2	4.0	4.3	4.9	5.4	4.9
PDX	1.7	1.9	2.2	2.9	2.8	3.0	2.6	2.6	2.6	3.2	4.2	4.2	4.5	4.8	4.9
SEA	1.3	1.2	1.4	1.8	1.4	1.9	2.6	2.7	3.1	3.1	3.5	3.6	3.7	3.8	3.9
SFO	2.0	2.0	2.0	2.2	2.5	2.6	3.0	2.9	2.8	2.4	2.6	2.6	3.0	2.8	2.8



# ECMWF Temperature BIAS in CUST1

Max (2008-06-01~2008-06-30)

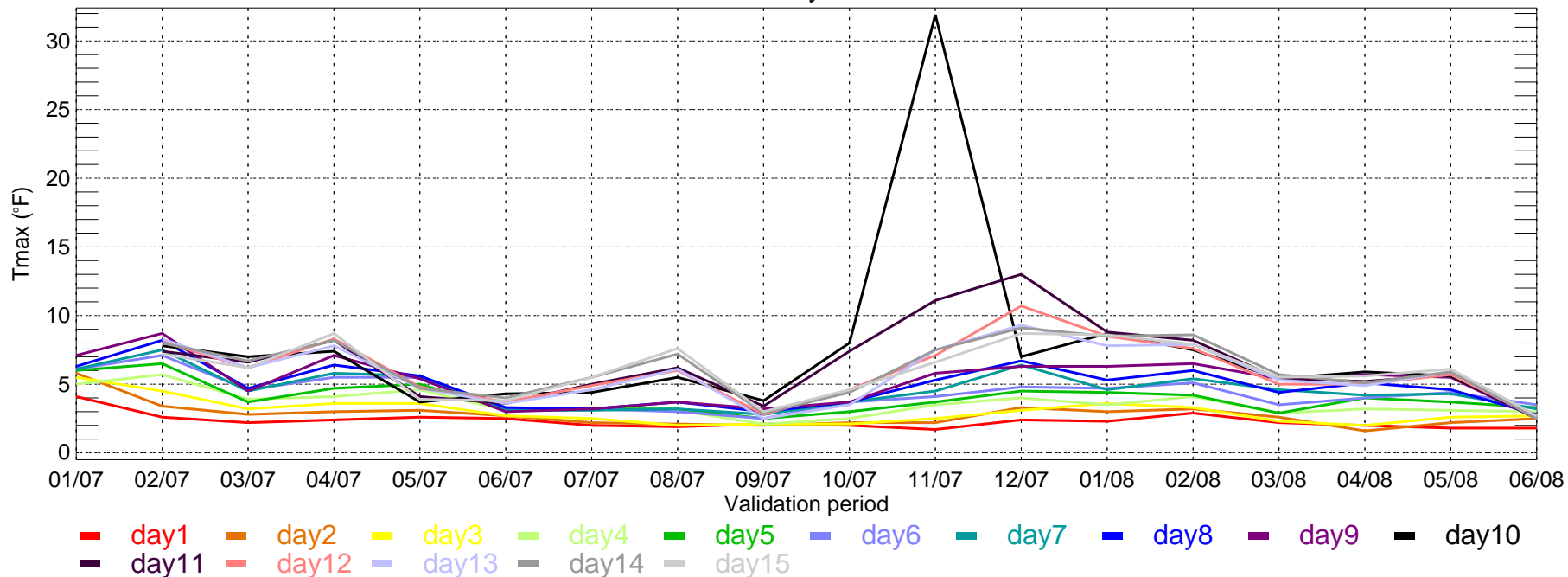
	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
AUS	-0.1	-1.3	-1.2	-0.2	-0.3	-0.4	-0.5	-0.5	-0.2	1.7	1.5	1.6	1.3	1.4	1.8
BOS	0.3	1.2	1.2	0.3	0.9	1.1	1.6	1.7	1.5	0.7	0.4	0.7	0.7	0.3	0.3
CVG	-0.1	1.1	0.0	-0.0	-0.4	-0.4	0.6	-0.0	0.9	2.6	2.5	2.5	2.5	2.2	2.2
DFW	-0.8	-2.4	-1.7	-1.1	-1.6	-0.9	-0.7	-0.7	-0.3	4.4	4.4	4.5	4.2	4.2	4.7
HOU	-0.8	-1.4	-1.0	-0.3	-0.2	0.2	0.0	0.6	0.6	1.9	1.3	1.5	1.6	1.4	1.6
IAH	-0.2	-1.1	-1.4	-0.8	-0.8	-0.7	-0.9	-0.7	-0.6	4.2	4.2	4.4	4.3	4.1	4.6
MSP	1.0	0.5	0.4	-0.2	-0.2	0.9	1.7	1.1	1.6	2.6	2.1	2.3	2.1	2.1	2.3
ORD	0.4	0.9	-0.3	-1.1	-0.9	-0.7	0.1	0.3	-0.4	1.7	0.9	0.7	0.7	0.4	0.6
PDX	0.9	1.1	0.6	0.1	0.1	-0.2	0.0	-0.9	-1.8	2.5	3.7	5.1	5.7	6.1	6.3
SEA	0.6	0.6	-0.5	-1.2	-1.1	-1.0	-1.2	-1.6	-2.1	2.6	3.6	4.9	5.7	6.1	6.0
SFO	1.3	0.4	0.8	0.6	-0.3	-0.2	-0.1	-0.8	-1.2	-0.6	-1.0	-1.1	-0.9	-0.9	-1.0

Min (2008-06-01~2008-06-30)

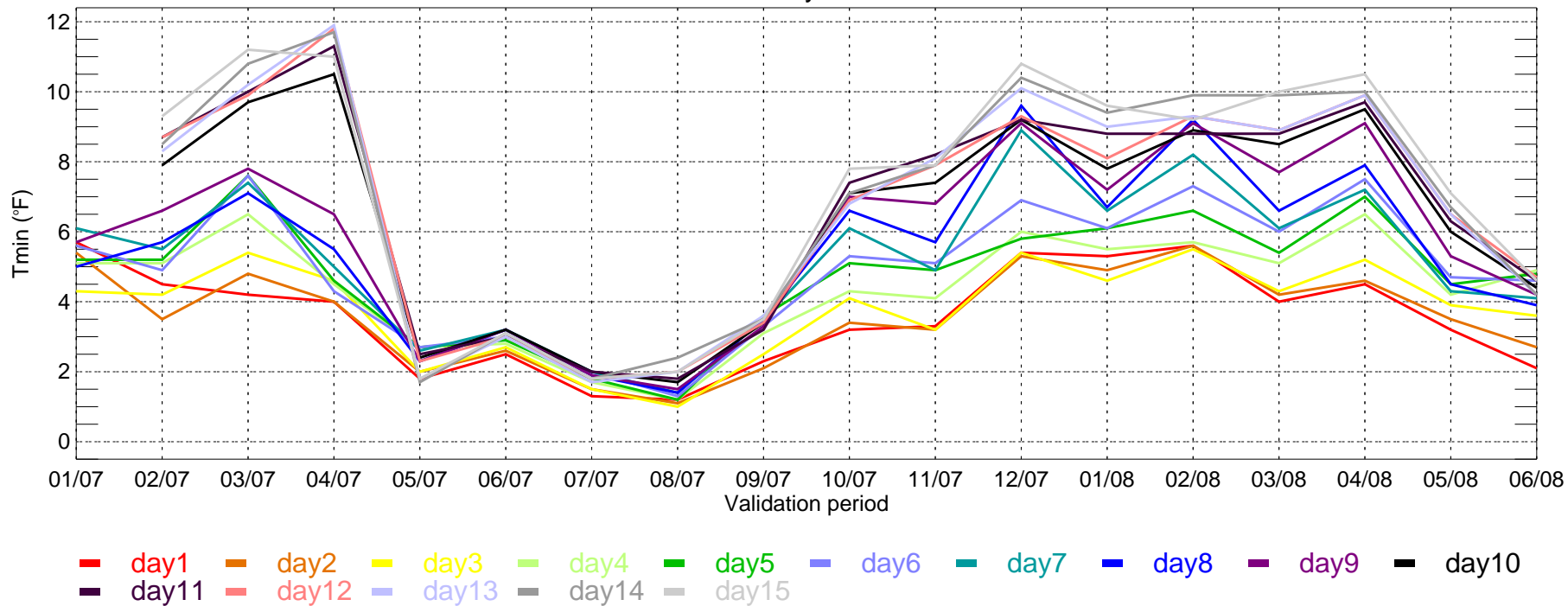
	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
AUS	0.4	0.3	0.4	1.0	1.5	1.7	1.9	1.9	1.2	-0.3	-0.5	-0.7	-0.5	-0.8	-1.5
BOS	0.8	1.2	1.0	0.7	0.7	0.4	0.4	0.2	-0.2	-0.9	-1.4	-1.6	-1.7	-1.7	-1.7
CVG	0.3	0.9	0.7	1.2	1.2	-0.0	0.2	0.3	0.0	0.4	0.0	-0.7	-0.1	-0.5	-0.8
DFW	-0.3	-0.7	0.1	1.2	1.4	1.7	1.8	2.0	2.0	2.0	1.2	1.5	1.5	1.3	1.0
HOU	0.3	0.1	0.0	0.5	1.0	1.4	1.8	2.2	2.0	1.0	0.6	0.6	0.6	0.5	0.1
IAH	0.9	0.5	0.3	0.9	1.6	1.9	2.1	2.2	2.2	1.8	1.8	1.7	1.7	1.6	0.6
MSP	-0.3	-0.5	-0.7	-0.8	-1.2	-0.8	-0.2	-0.6	-0.7	-0.3	-0.1	-0.3	-0.8	-0.6	-0.9
ORD	-0.6	-0.5	-0.5	-0.5	-1.3	-1.8	-1.9	-2.4	-3.1	-2.7	-1.9	-2.4	-2.5	-3.1	-2.8
PDX	0.3	0.1	0.2	-0.1	0.2	0.5	0.3	0.6	0.3	0.4	1.6	2.0	2.5	3.1	3.4
SEA	0.2	0.2	-0.2	-0.8	-0.9	-0.8	-0.8	-0.5	-0.7	-0.6	0.3	0.8	1.2	1.6	2.0
SFO	0.8	0.8	0.8	0.5	0.5	0.4	0.4	0.3	0.0	0.1	0.6	0.6	1.2	1.3	1.4



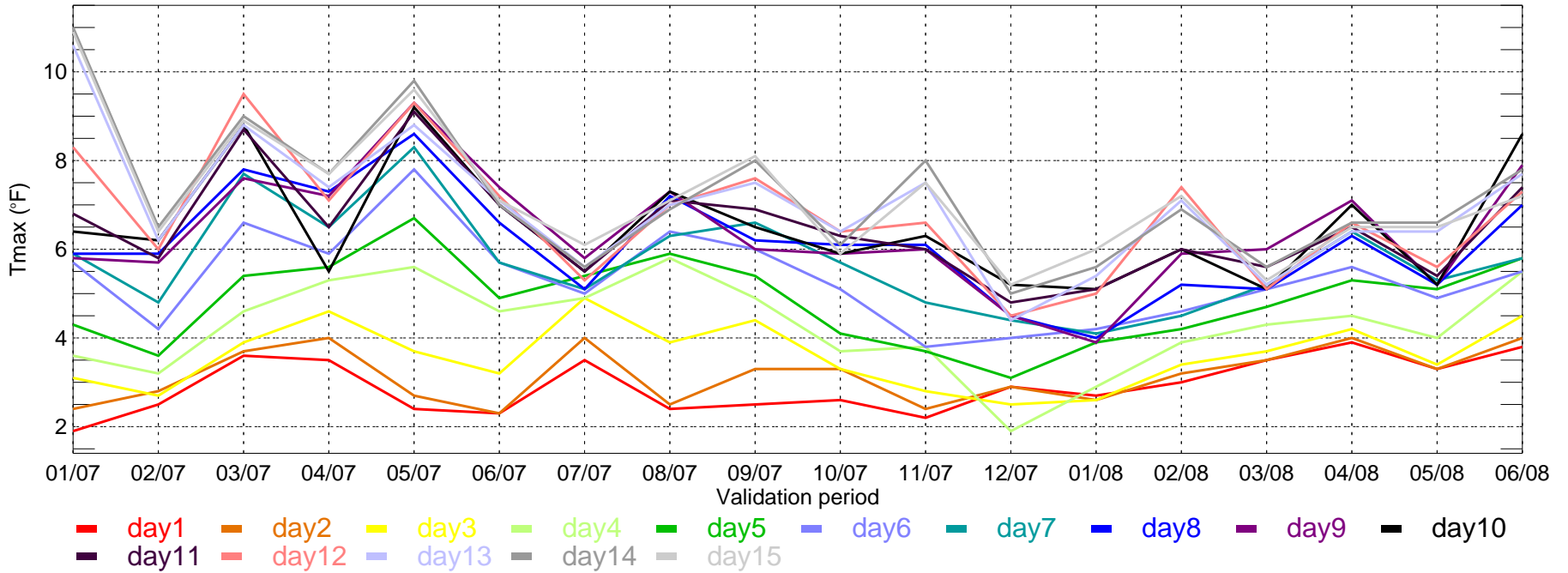
AUS: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



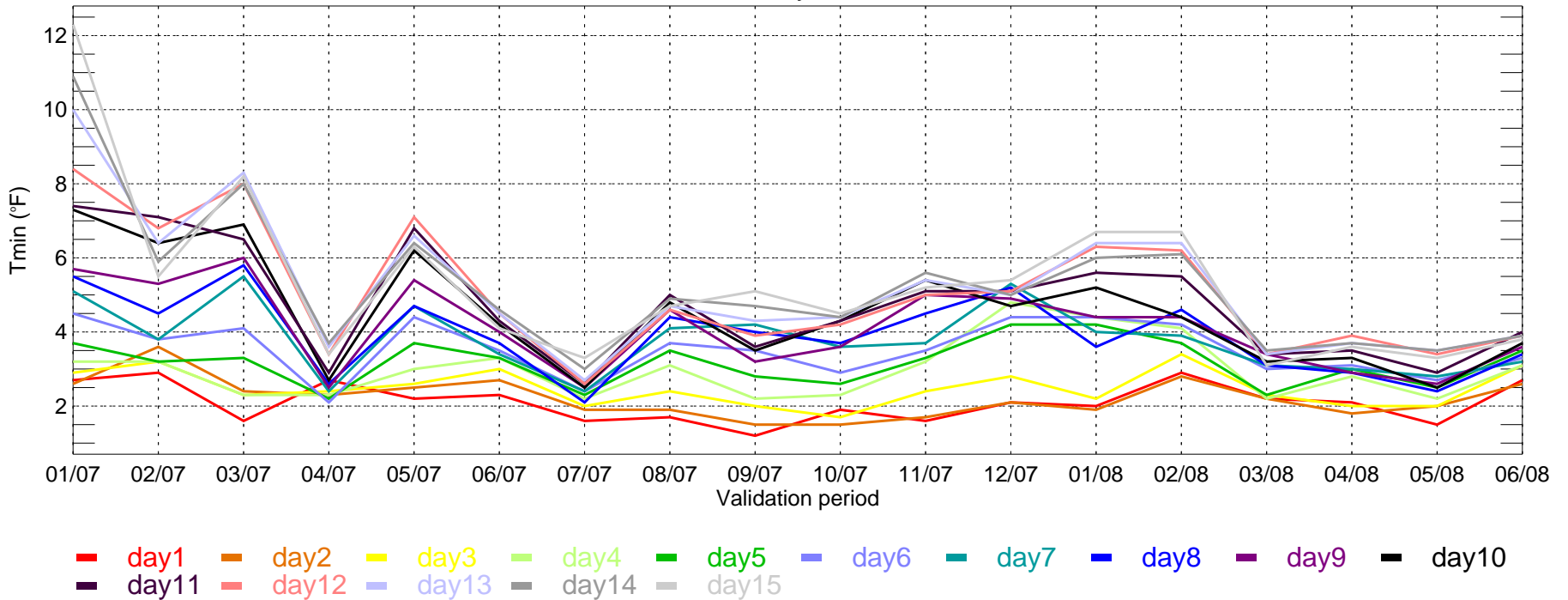
AUS: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



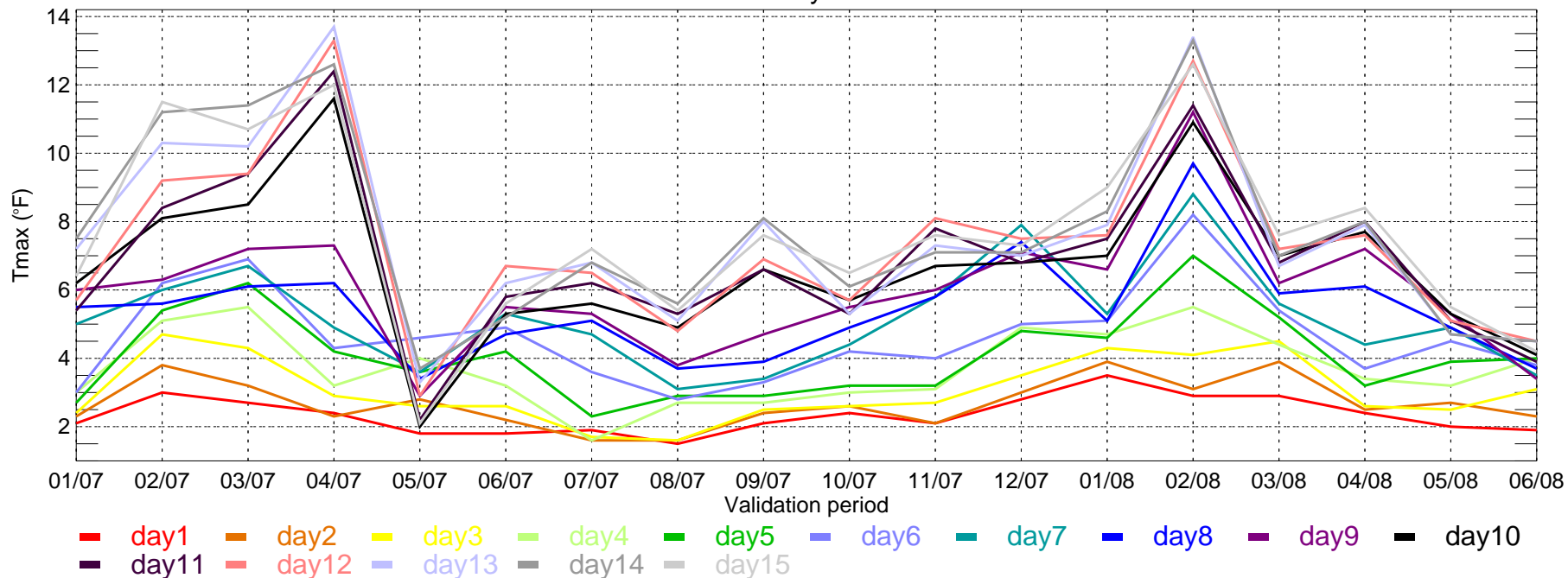
BOS: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



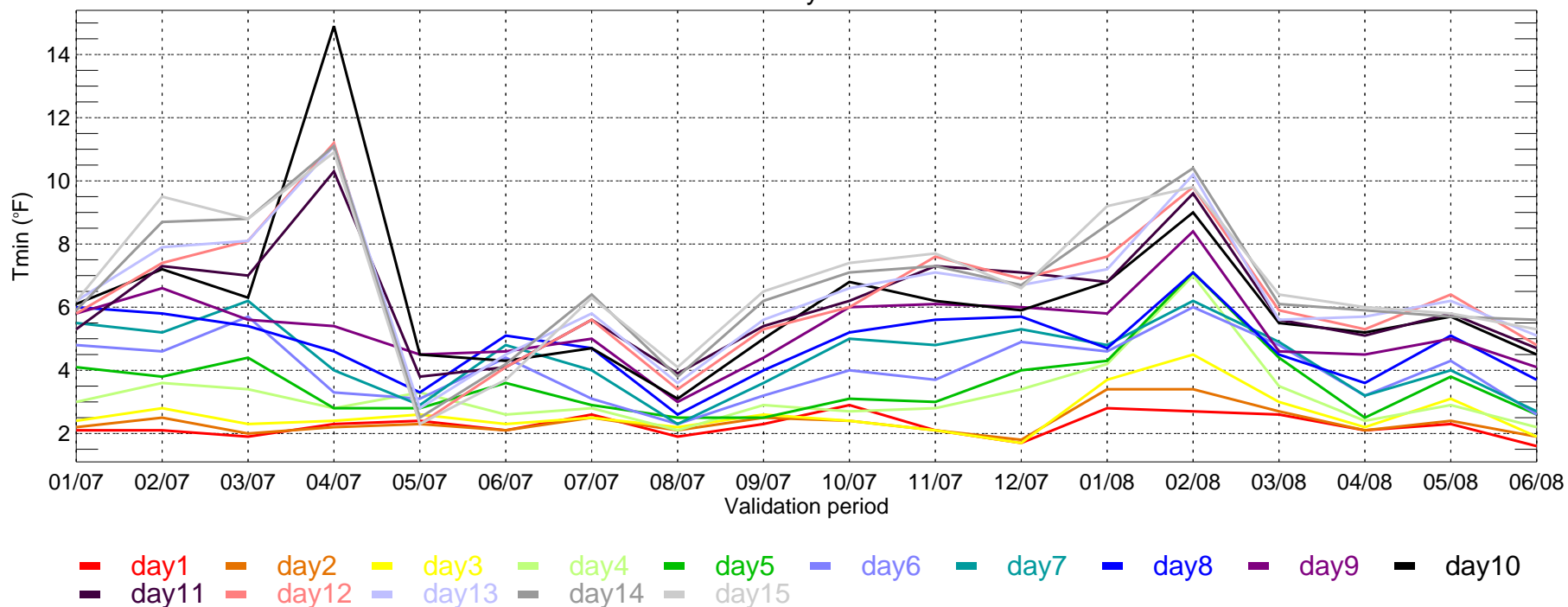
BOS: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



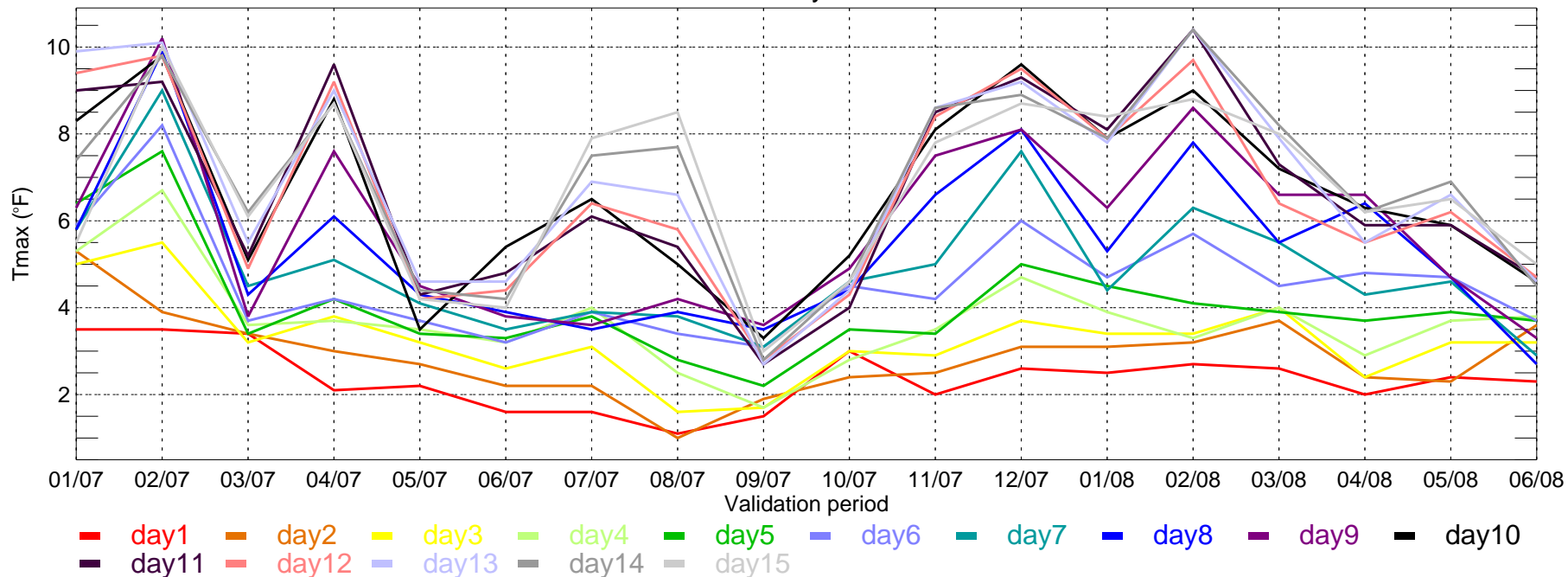
CVG: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



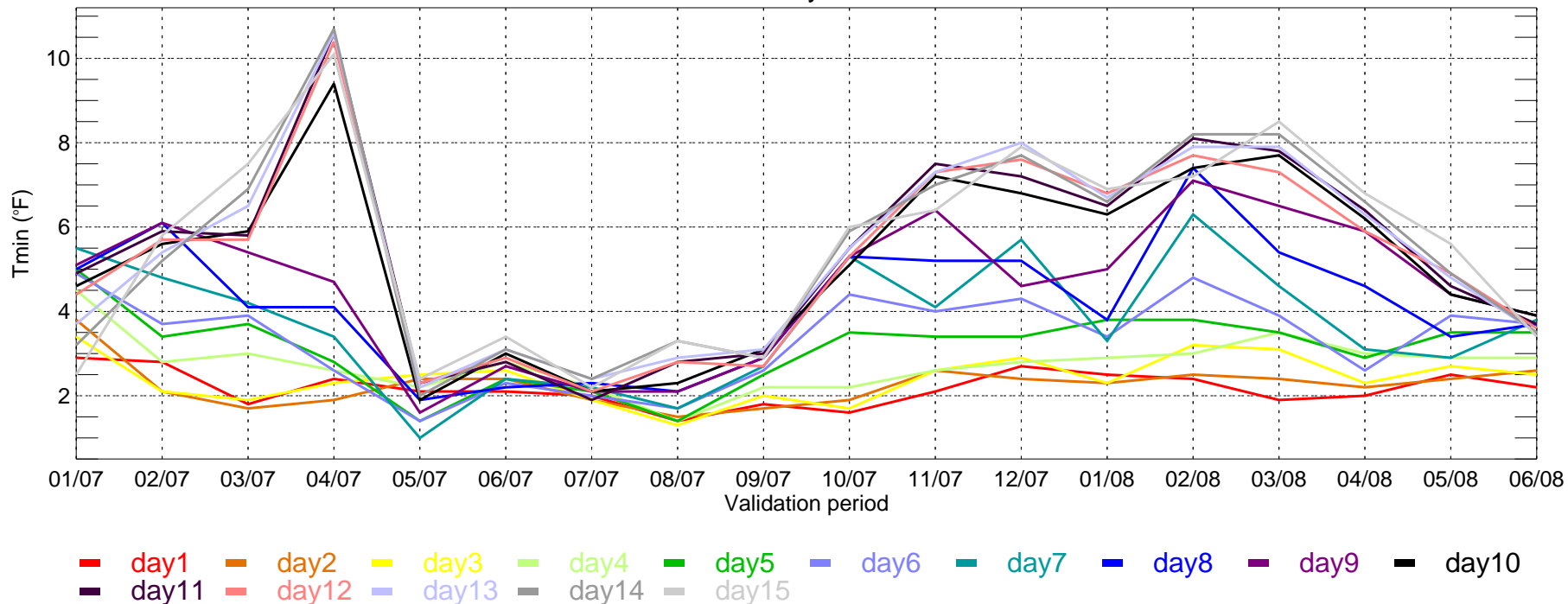
CVG: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



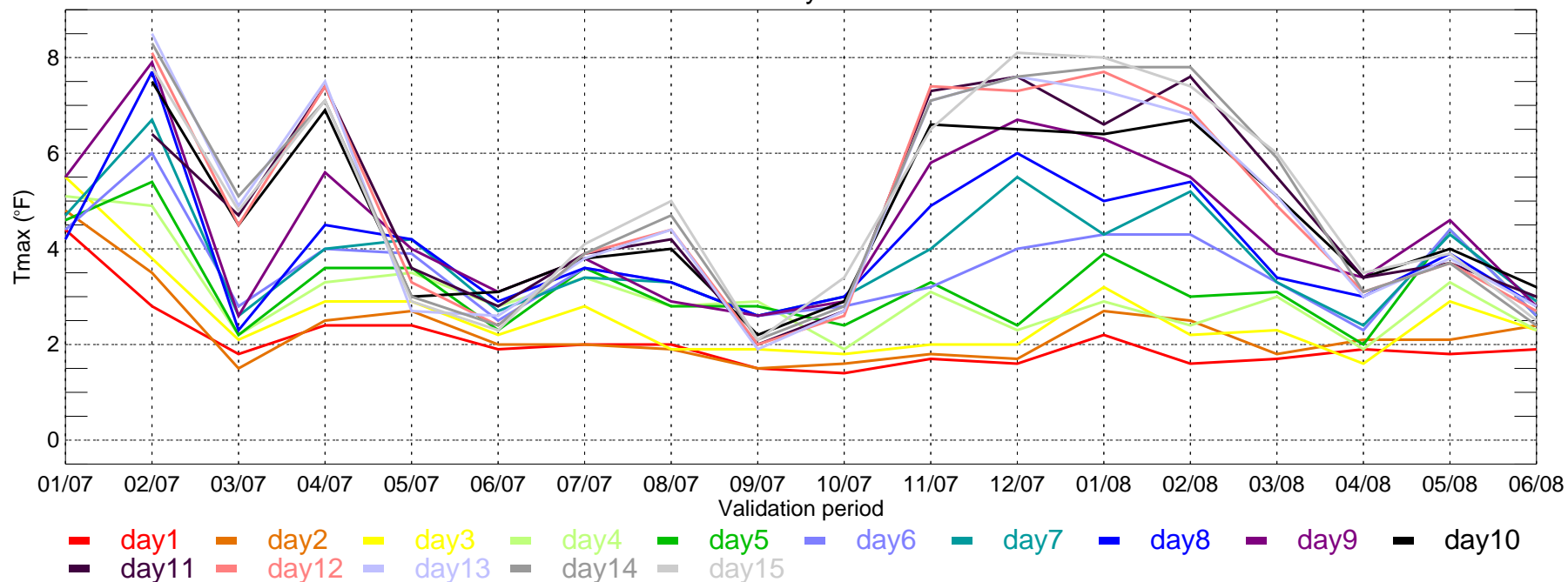
DFW: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



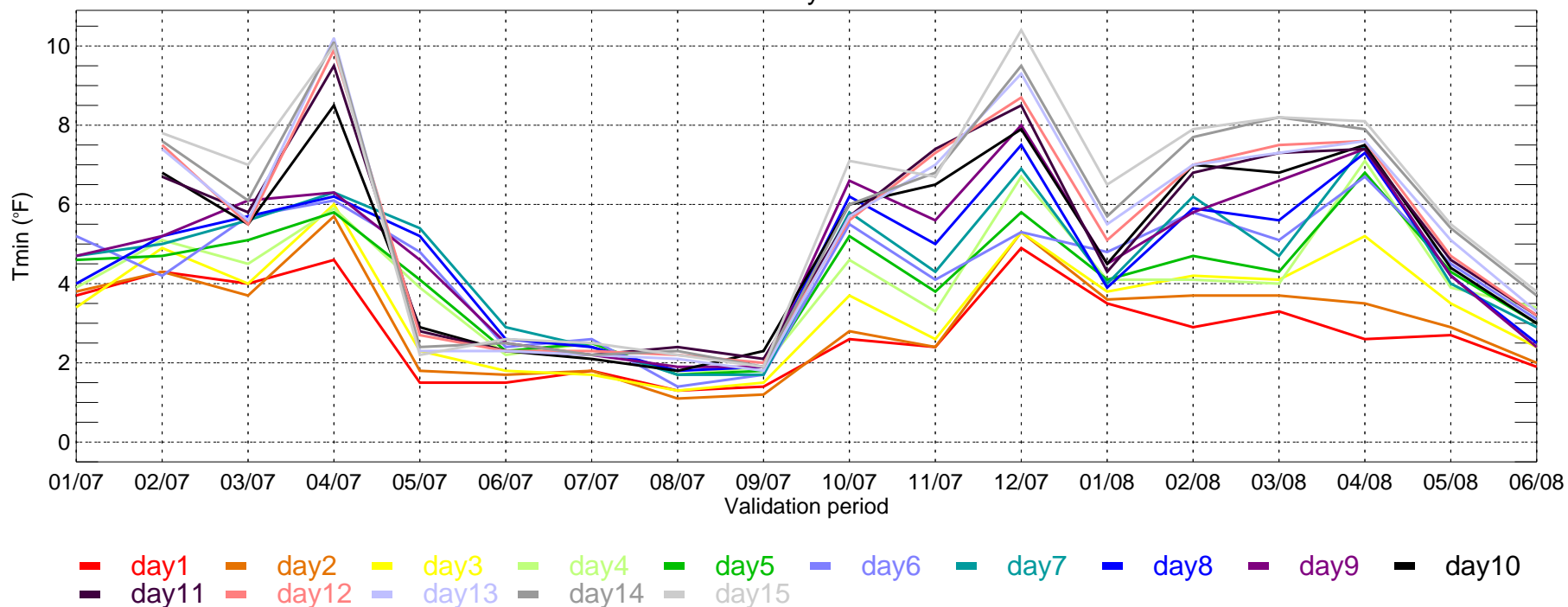
DFW: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



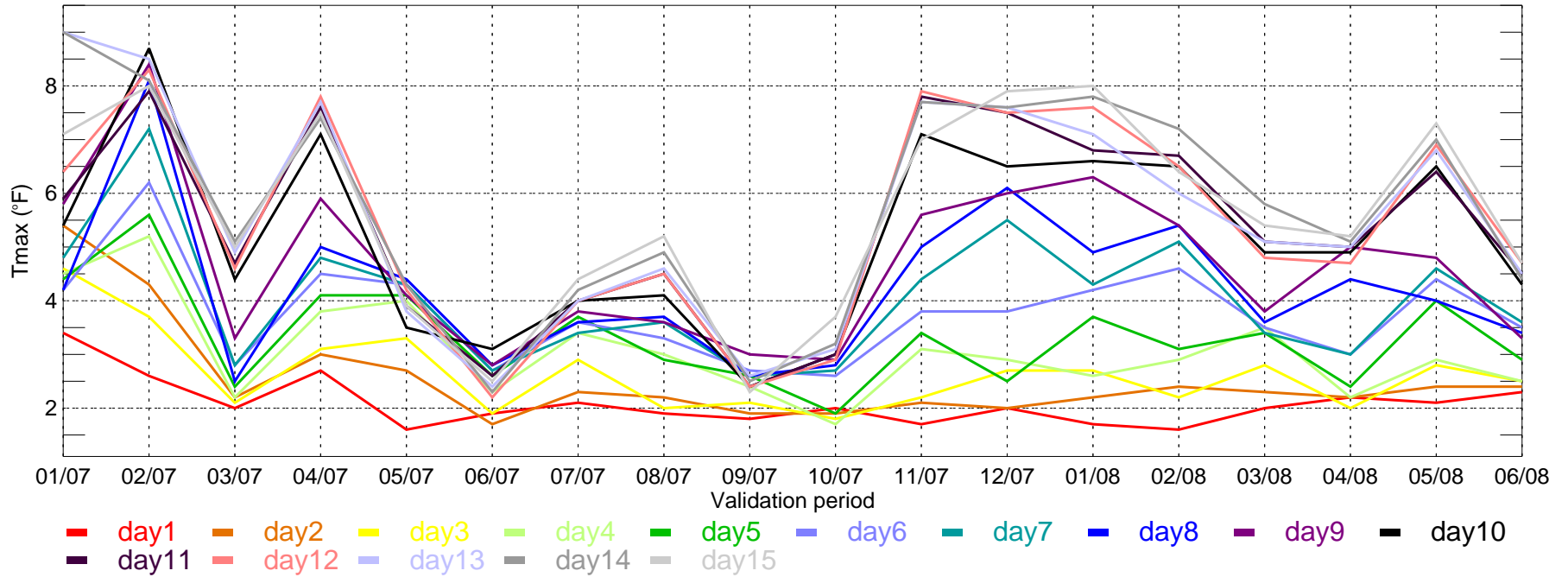
HOU: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



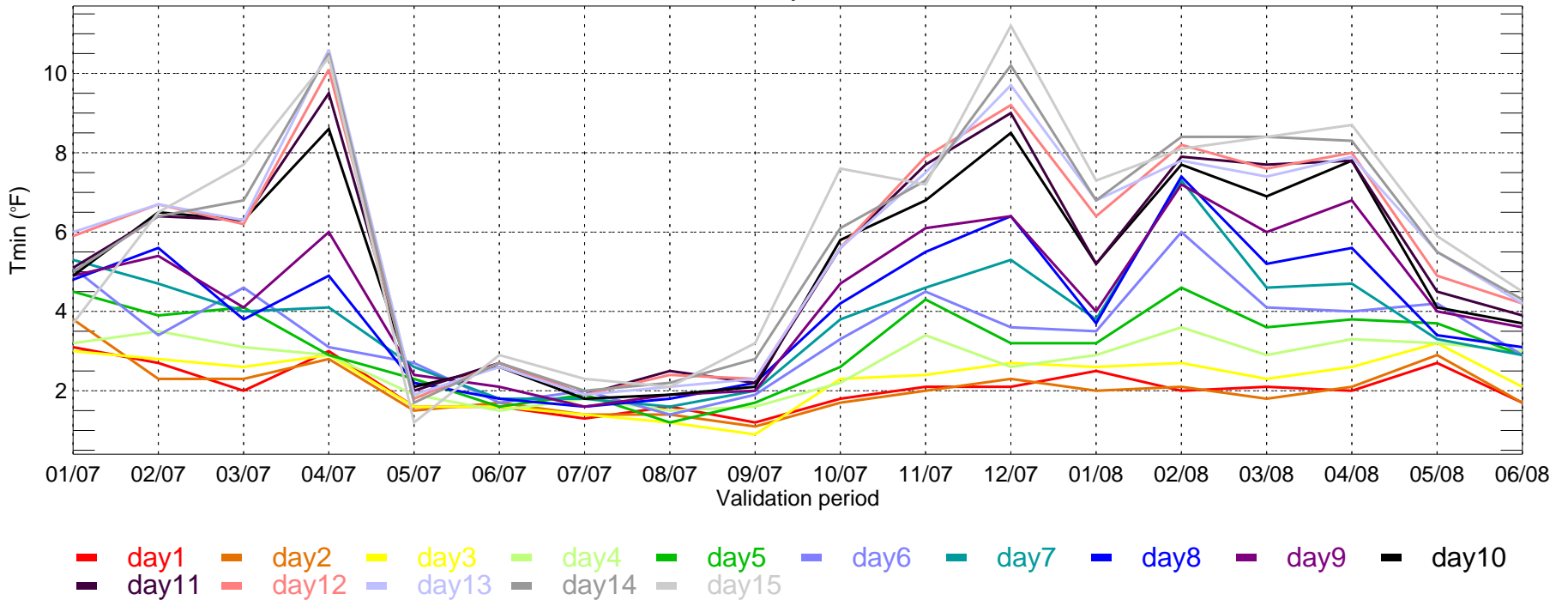
HOU: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



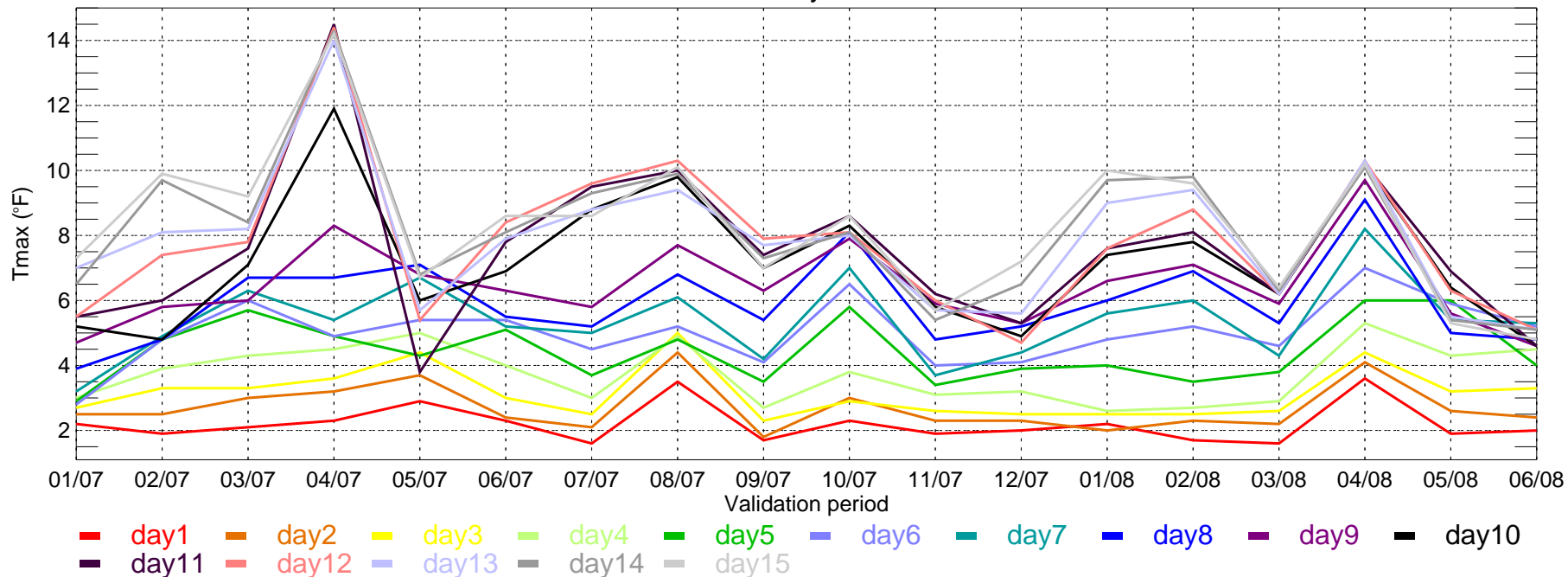
IAH: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



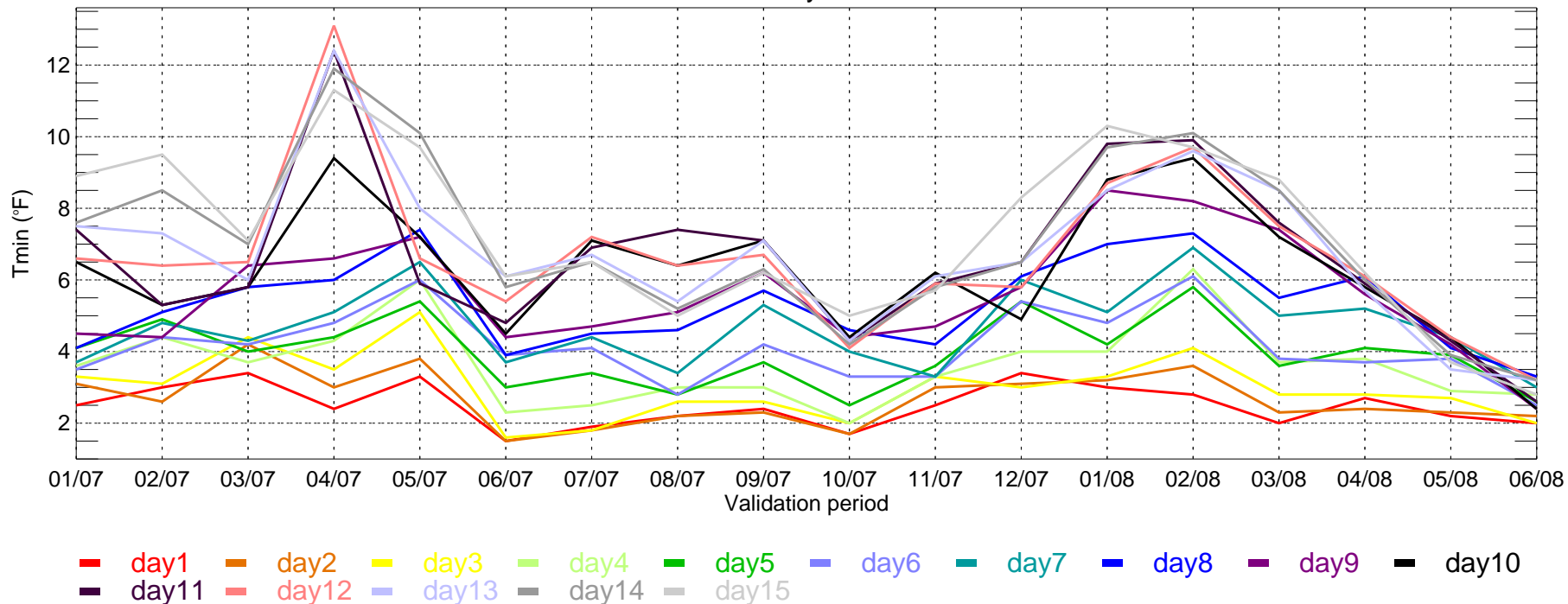
IAH: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



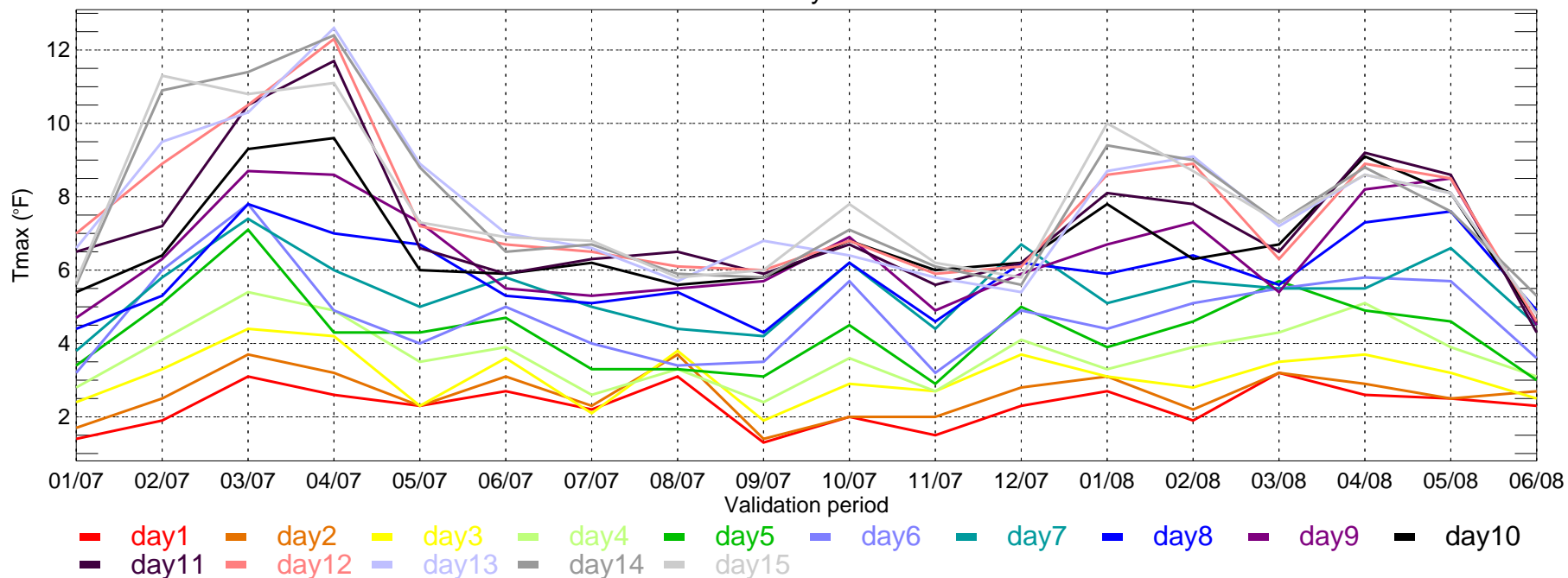
MSP: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



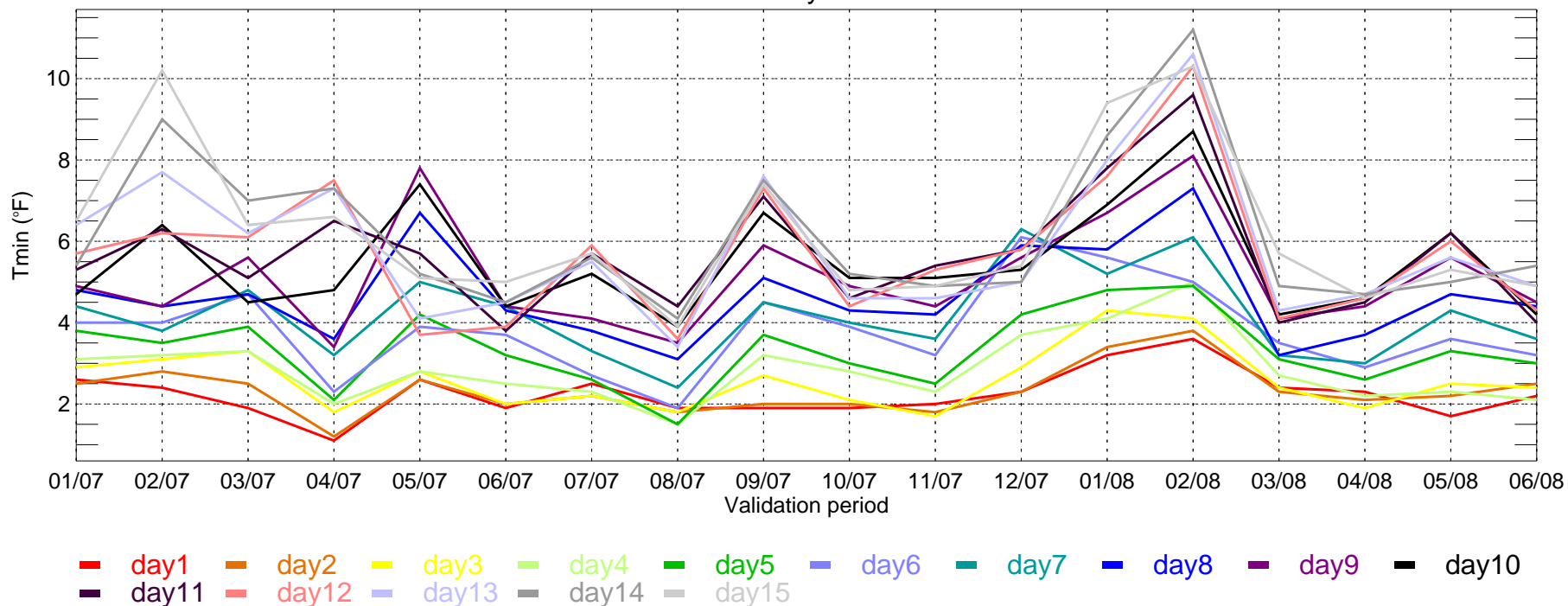
MSP: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



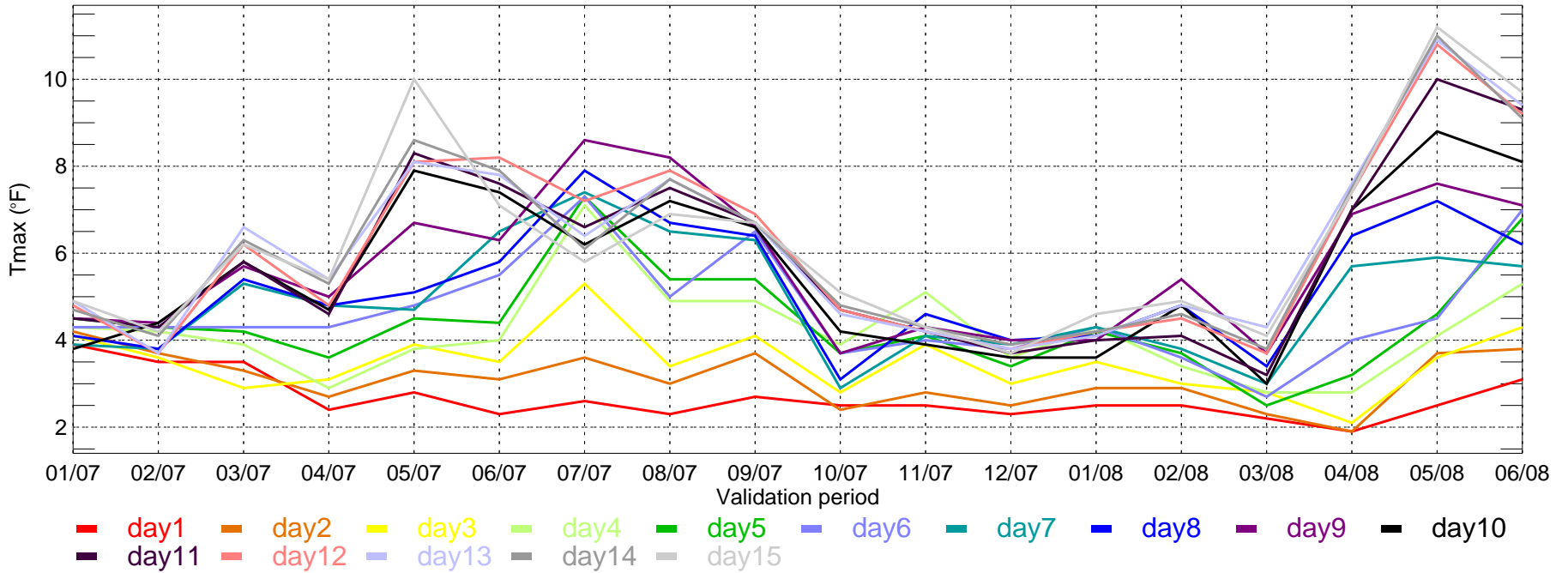
ORD: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



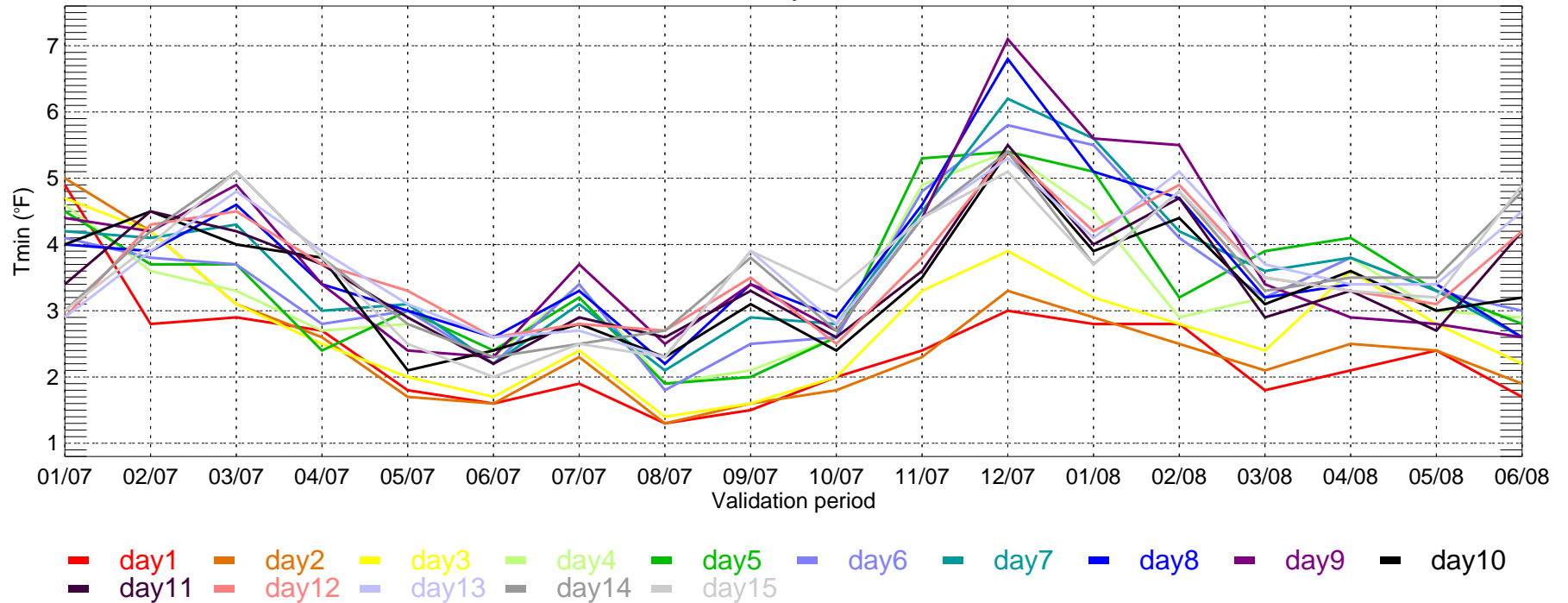
ORD: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



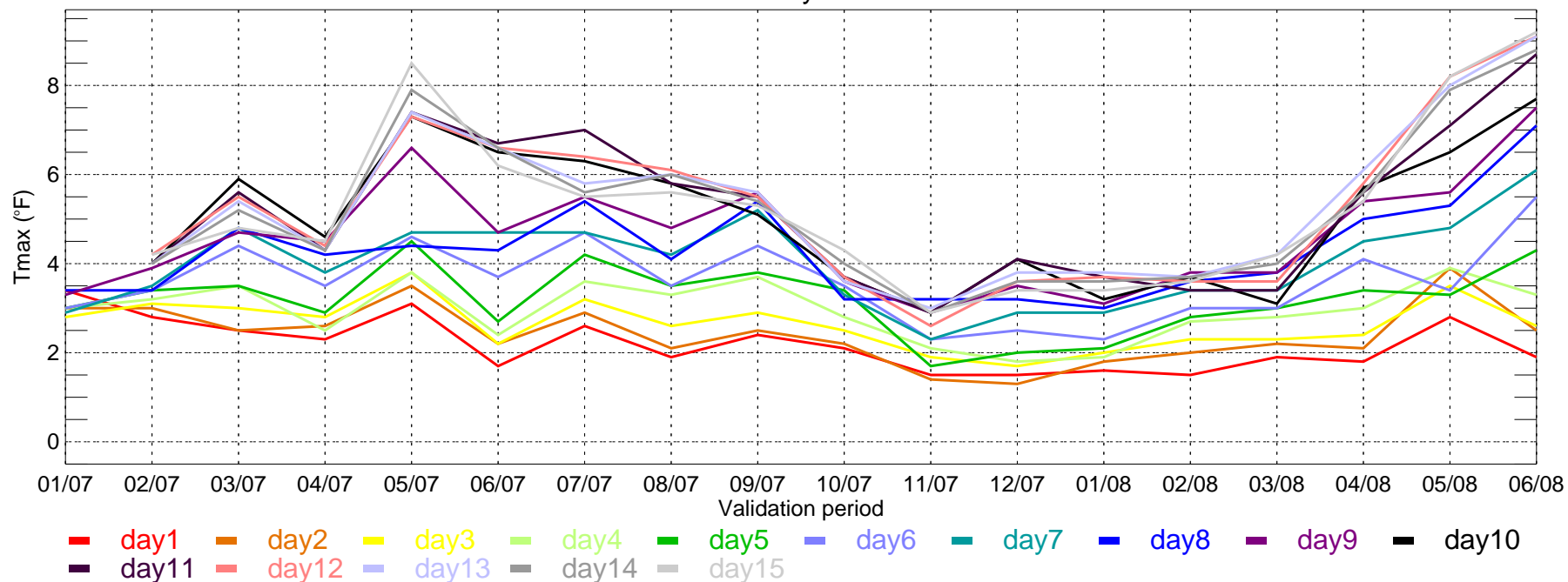
PDX: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



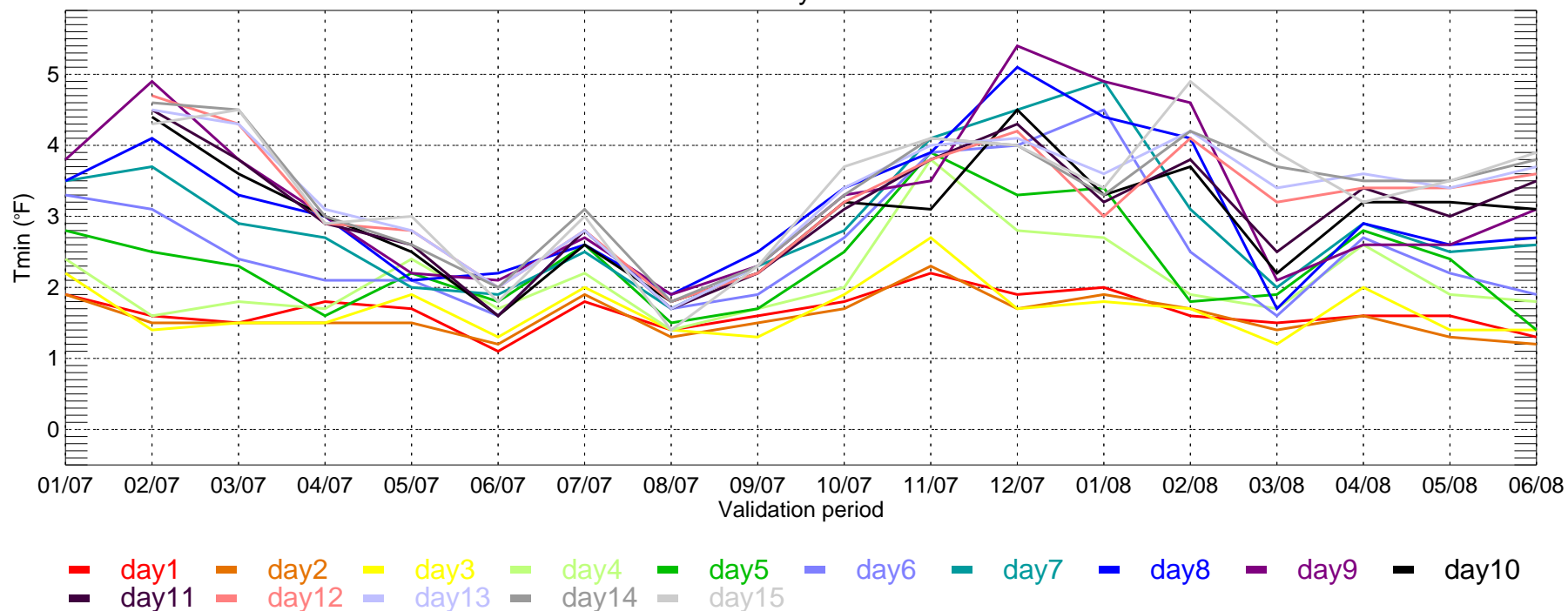
PDX: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



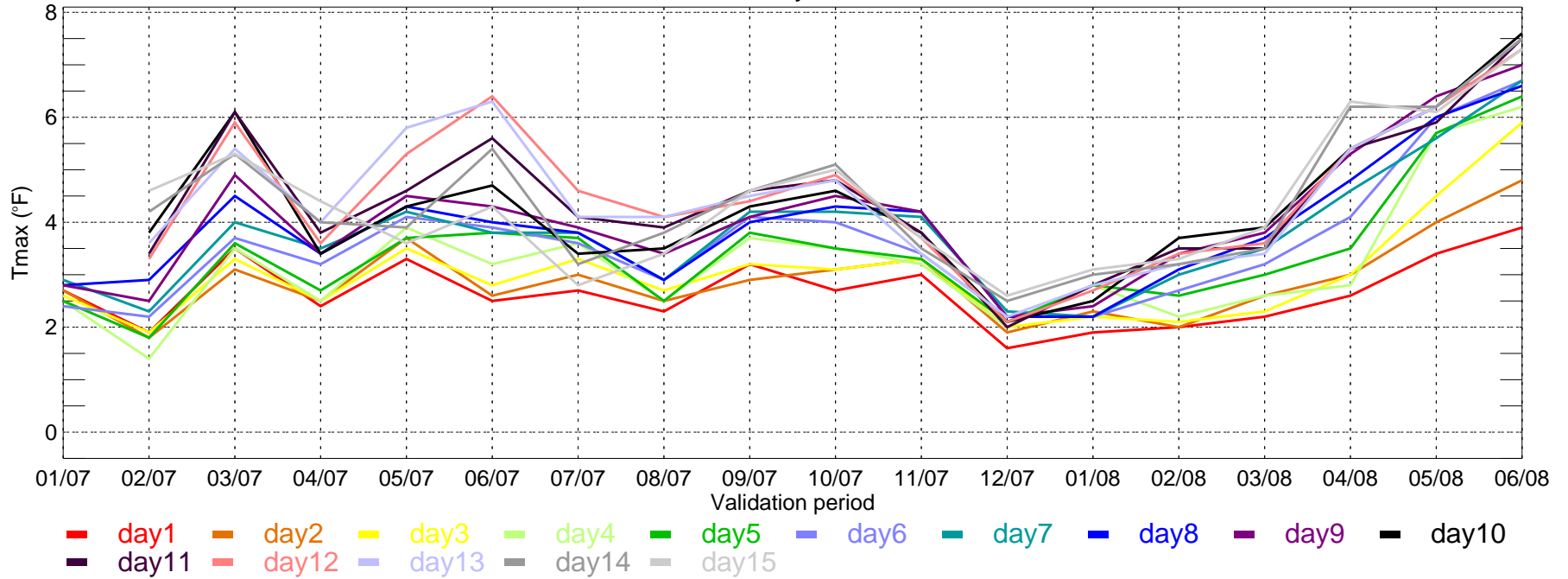
SEA: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



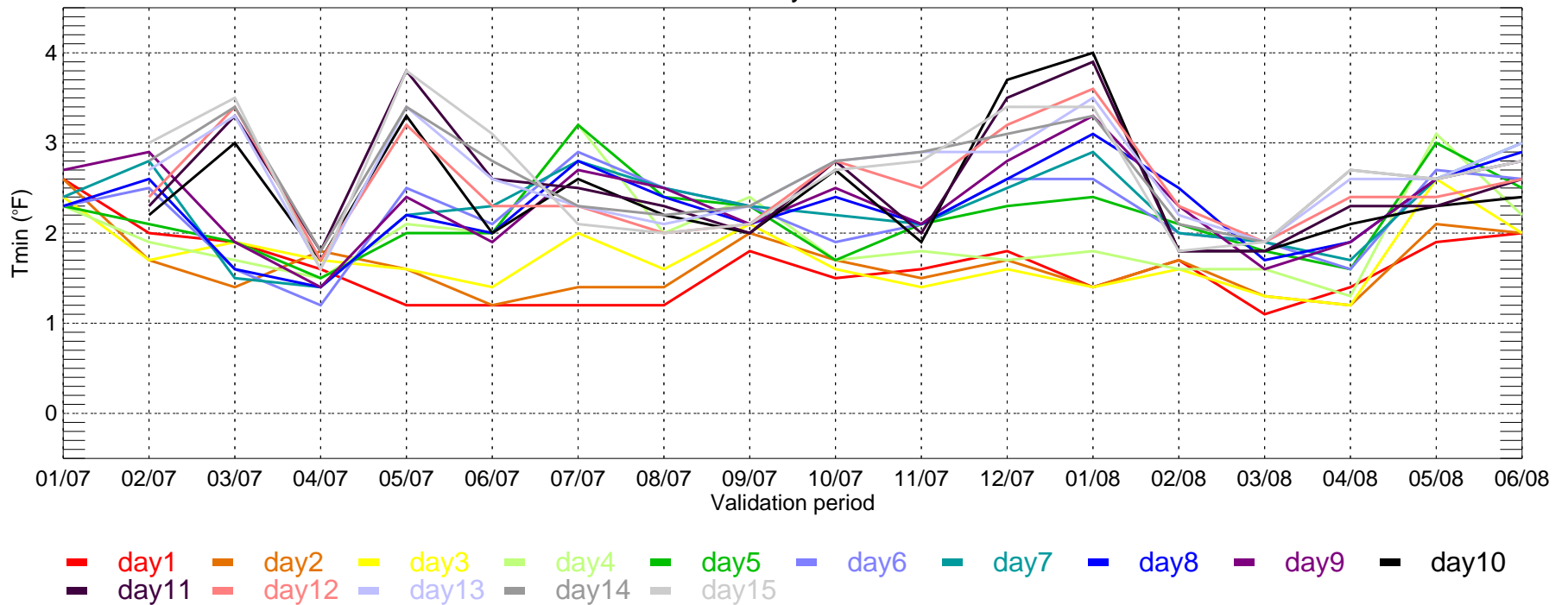
SEA: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



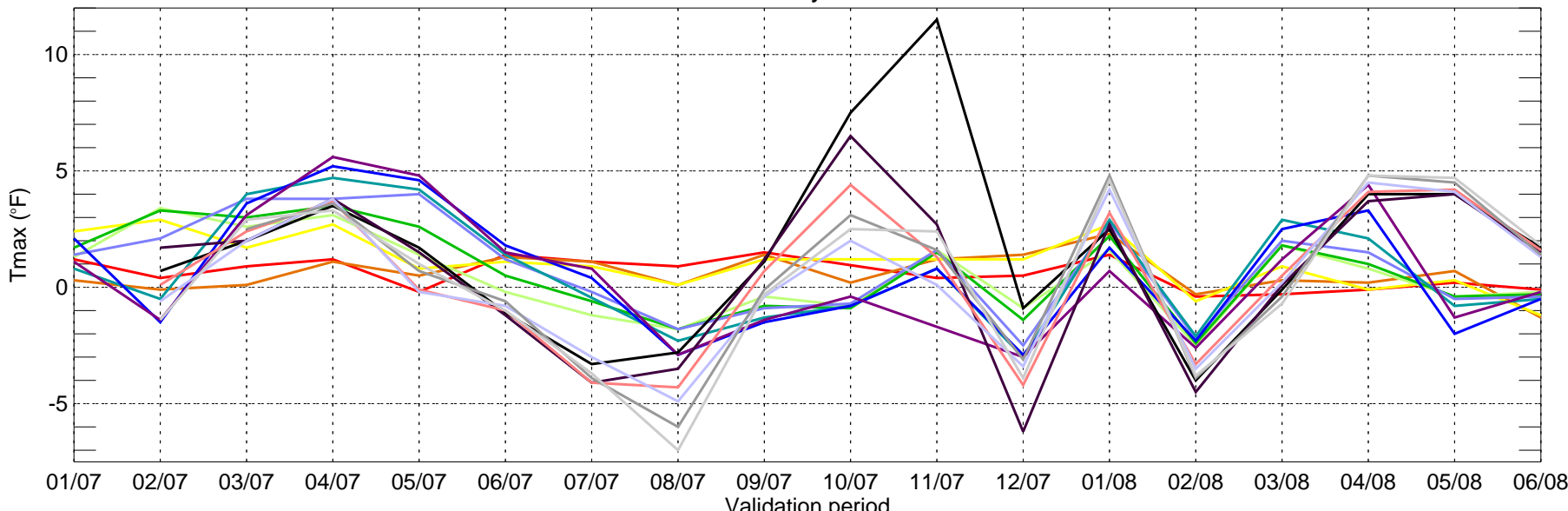
SFO: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



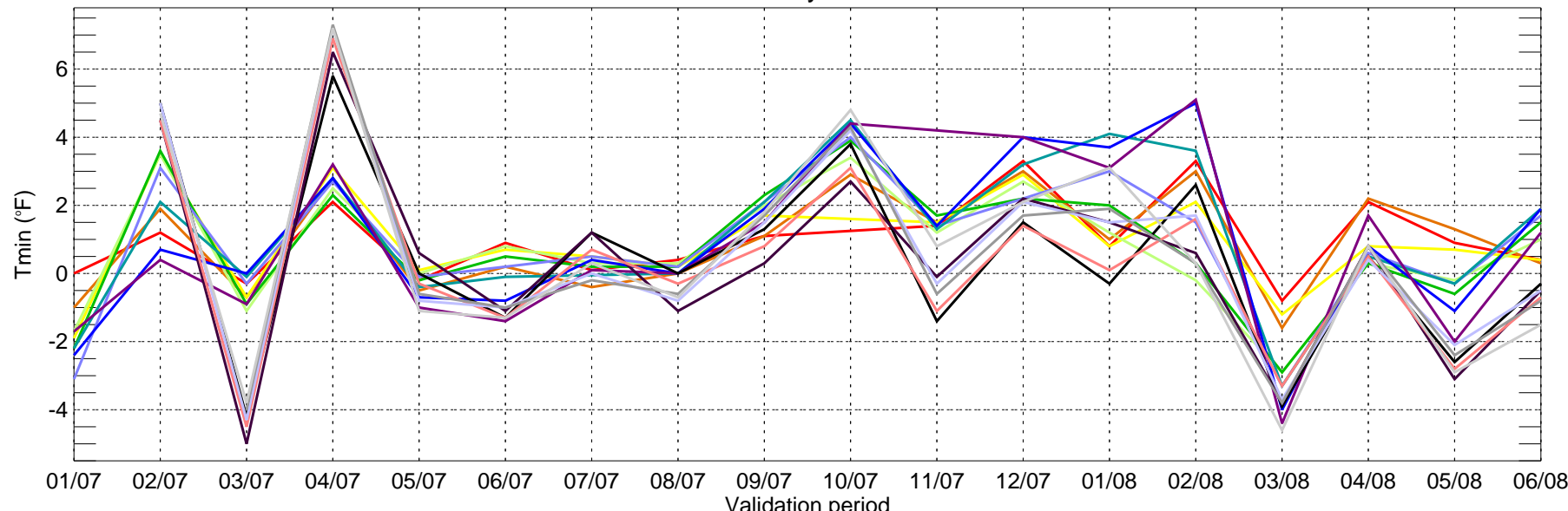
SFO: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



AUS: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30

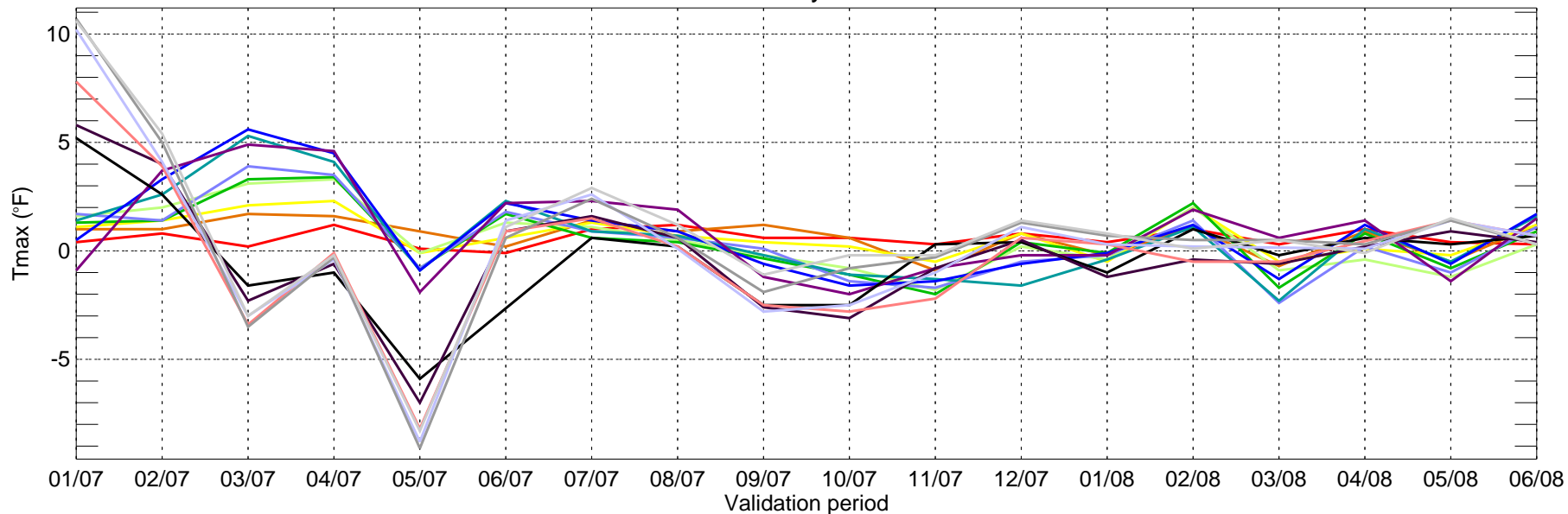


AUS: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



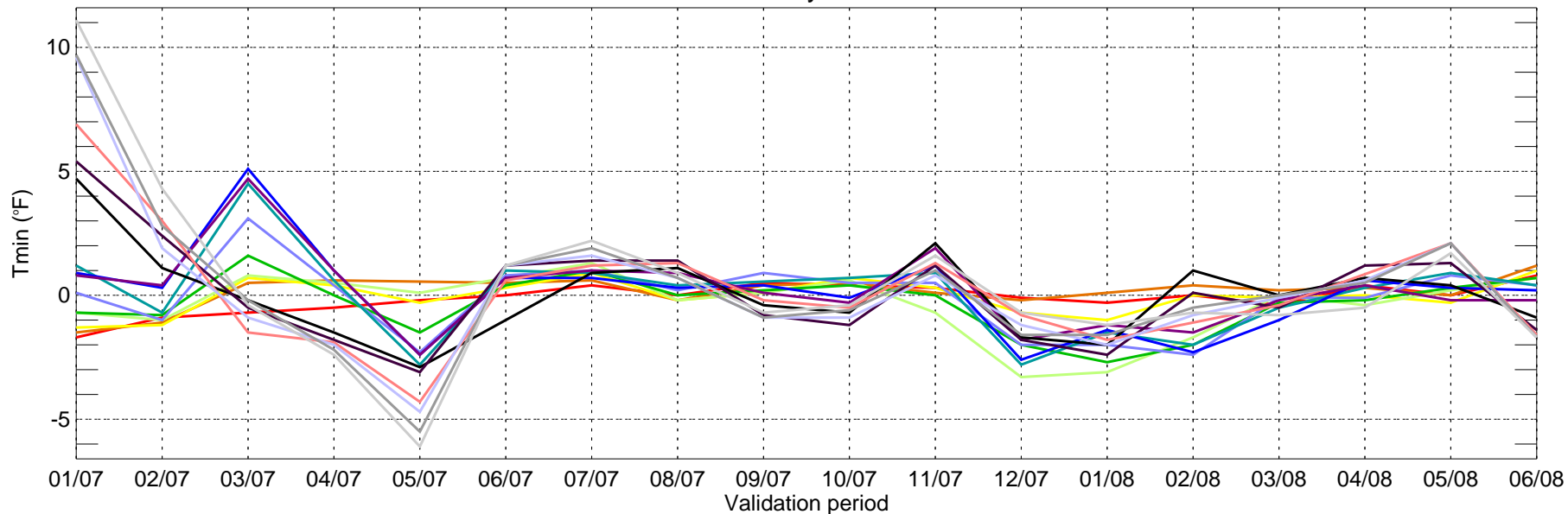
- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

BOS: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



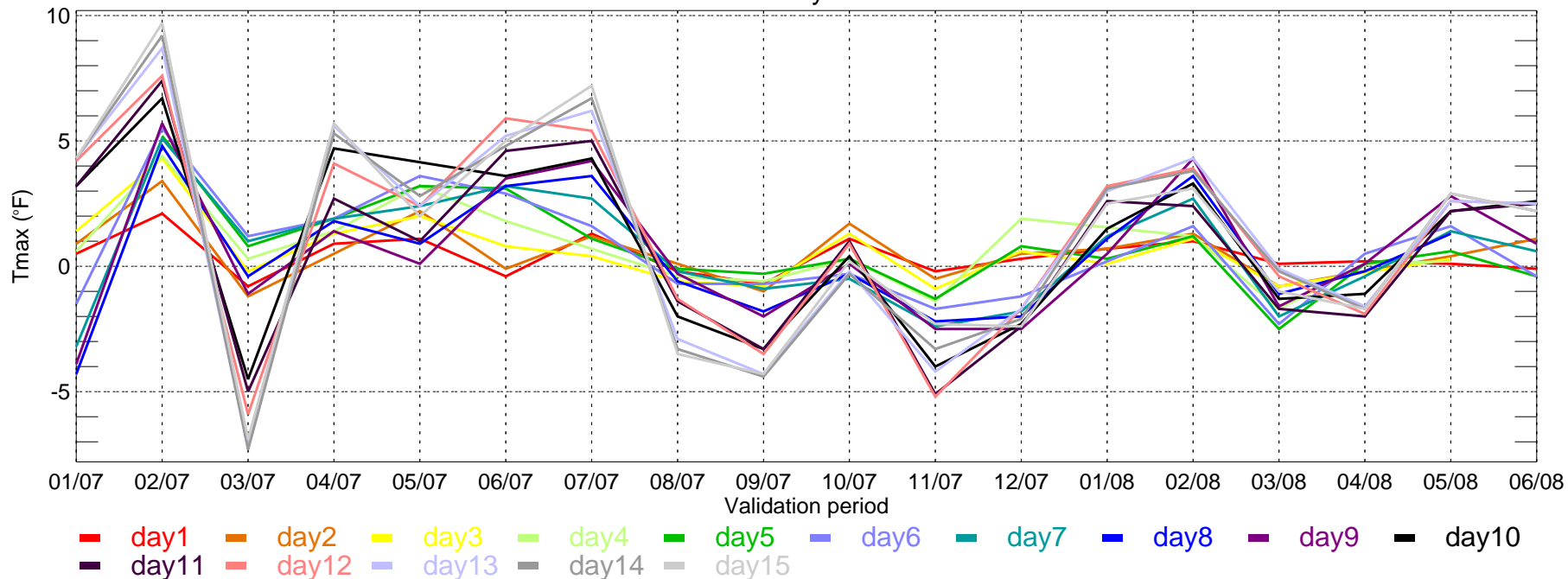
- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

BOS: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30

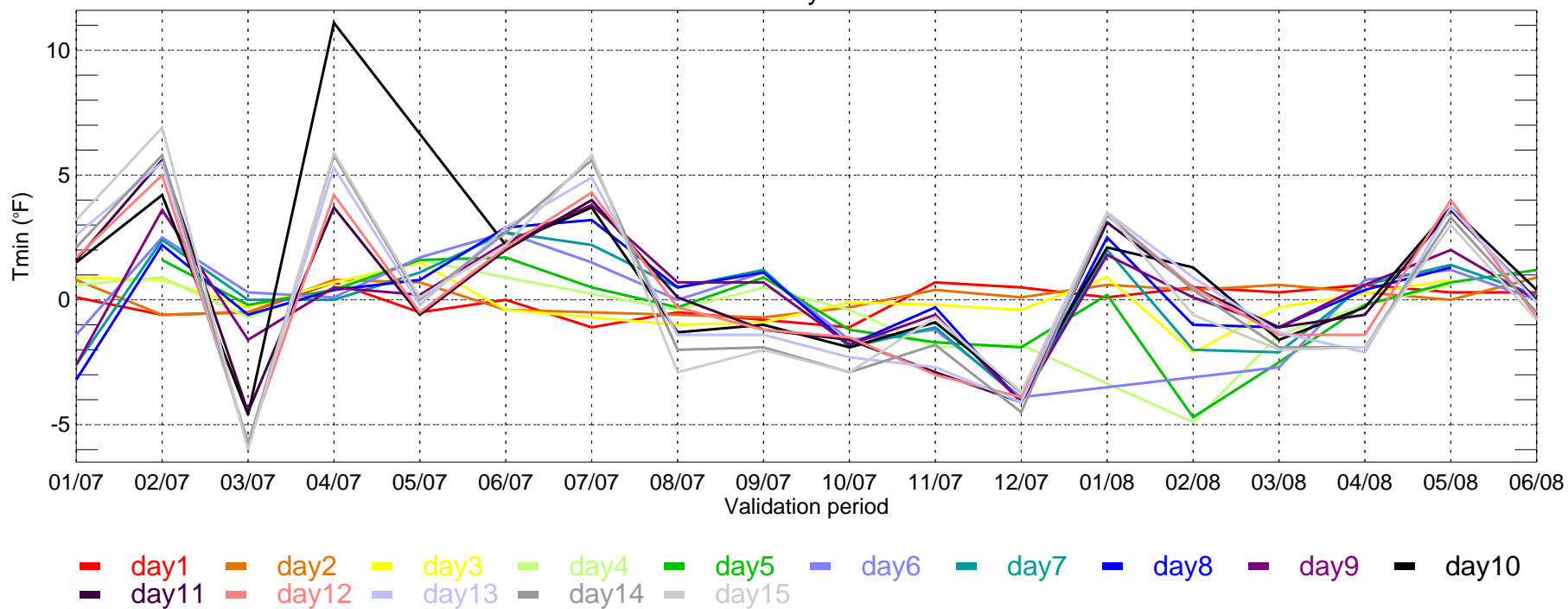


- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

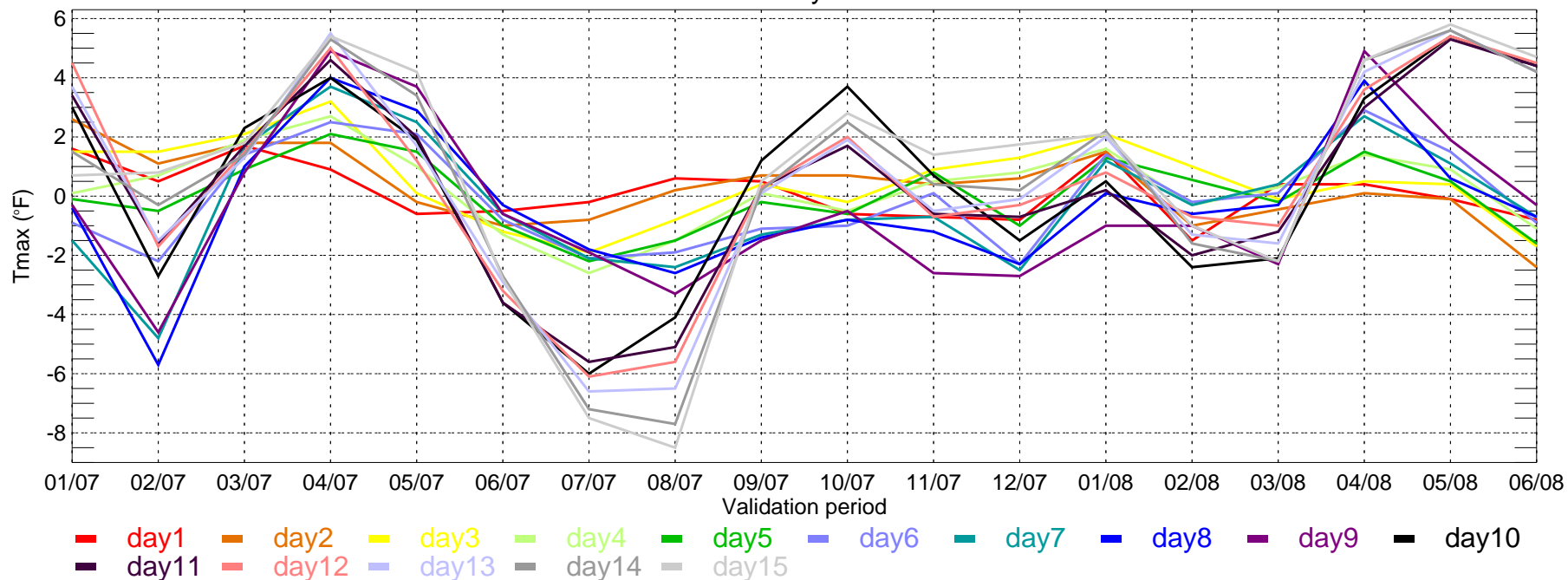
CVG: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



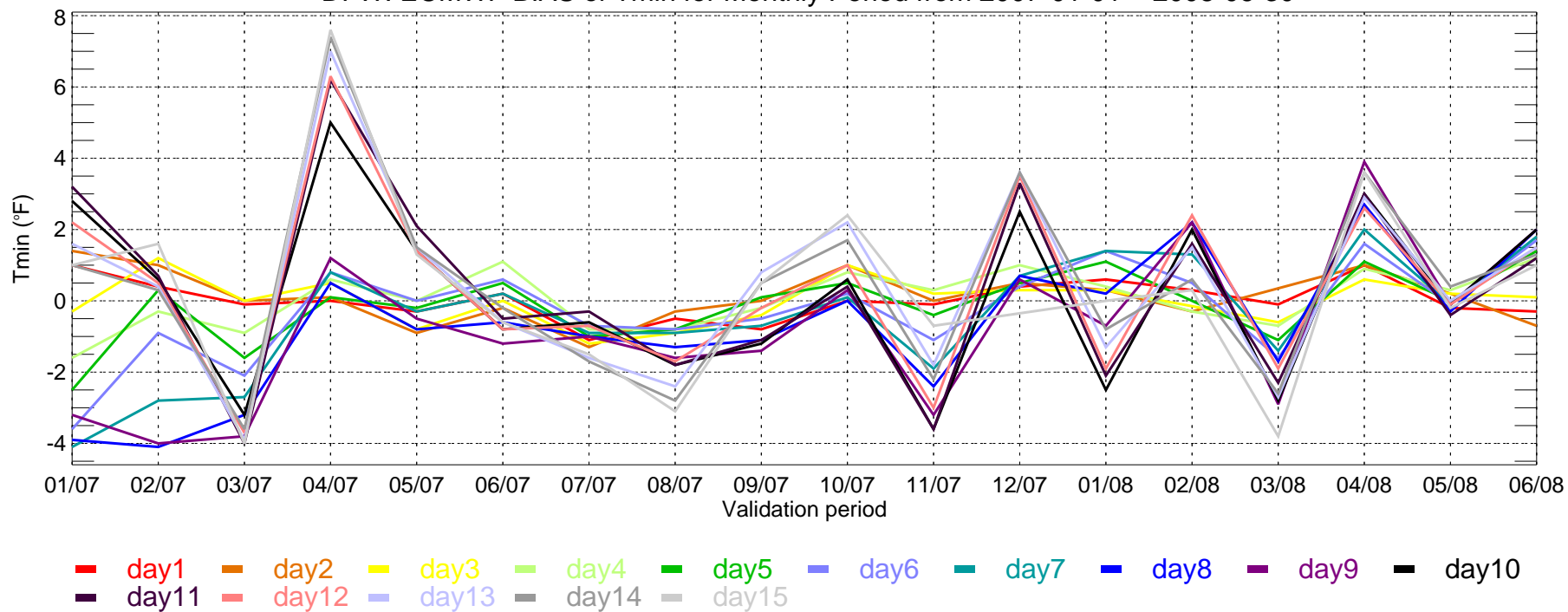
CVG: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



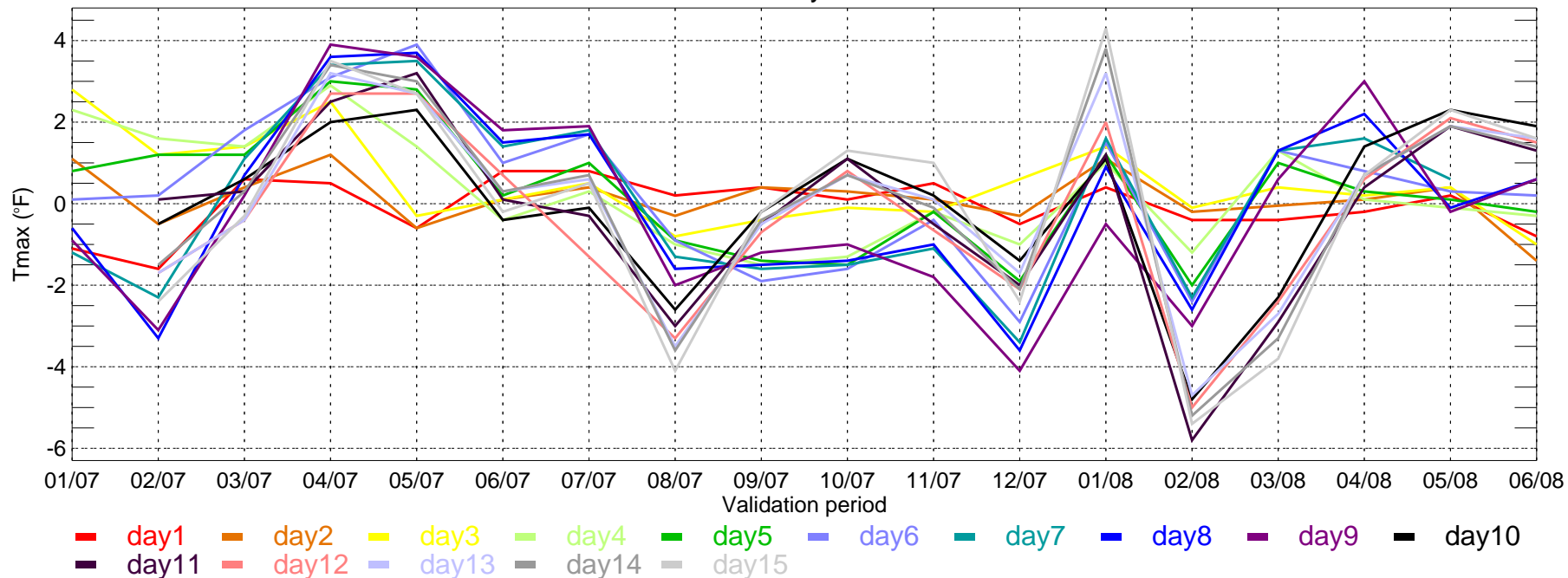
DFW: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



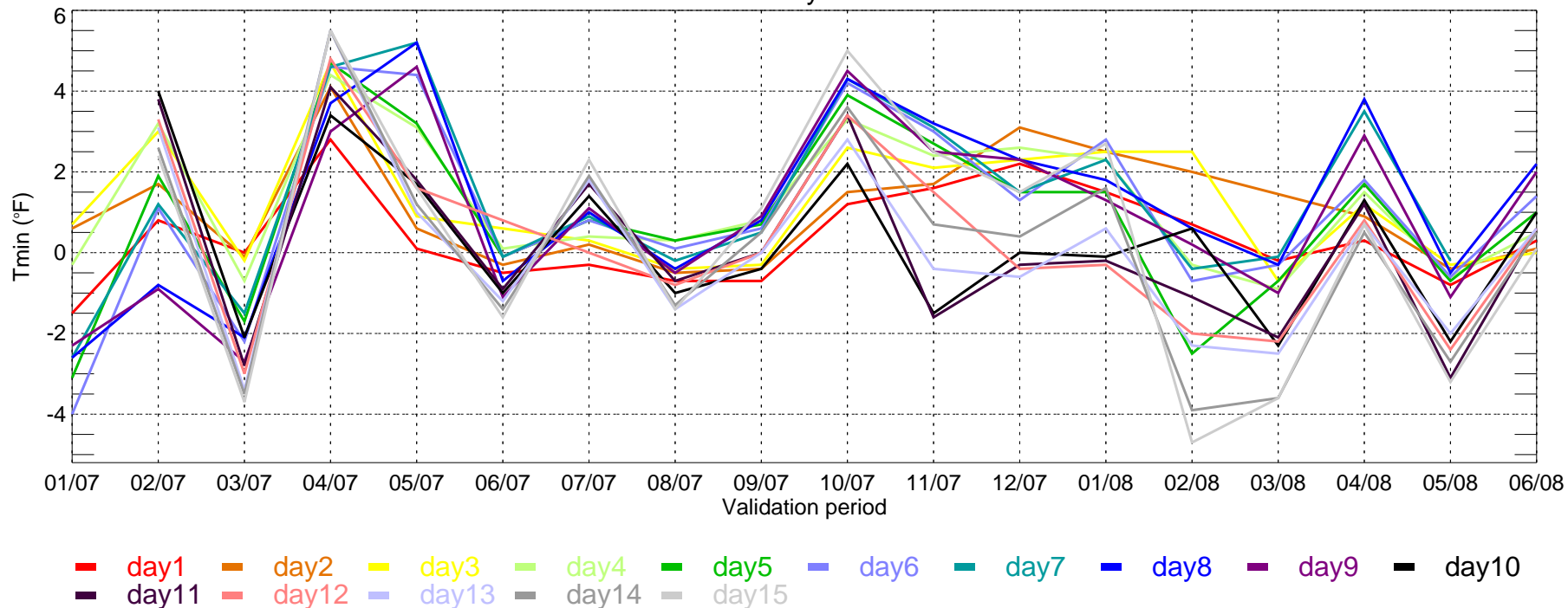
DFW: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



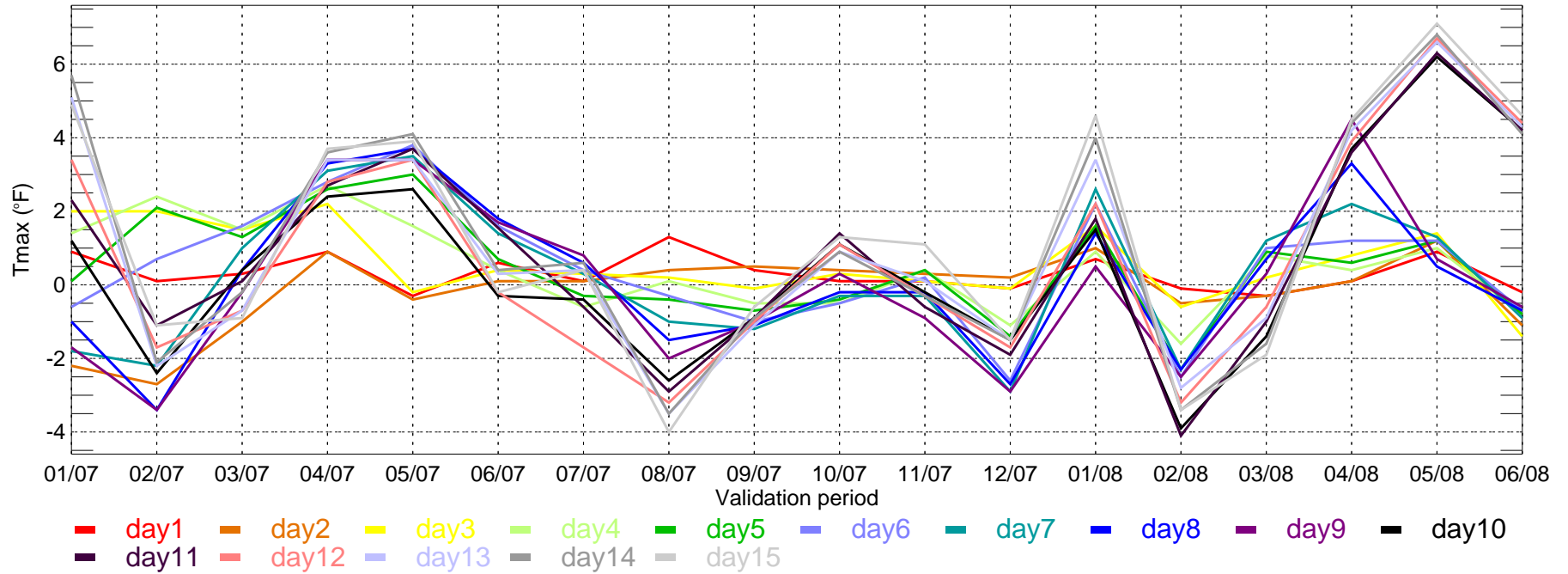
HOU: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



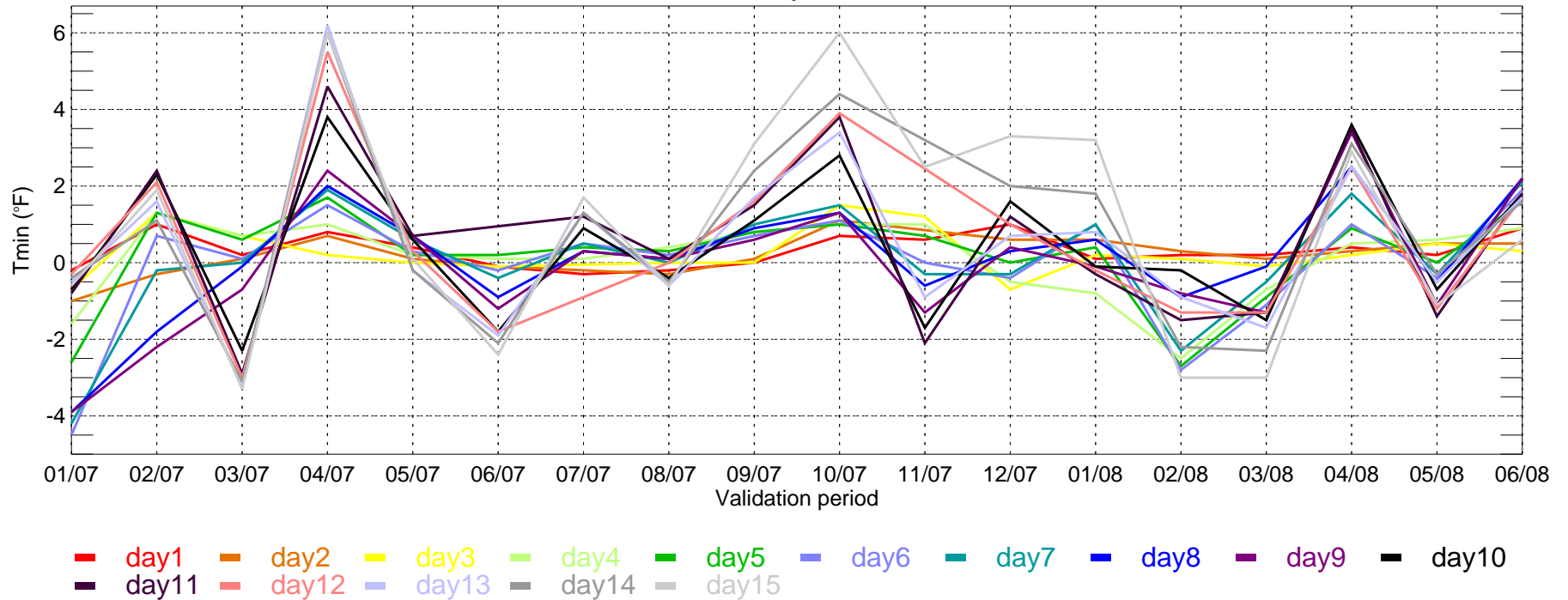
HOU: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



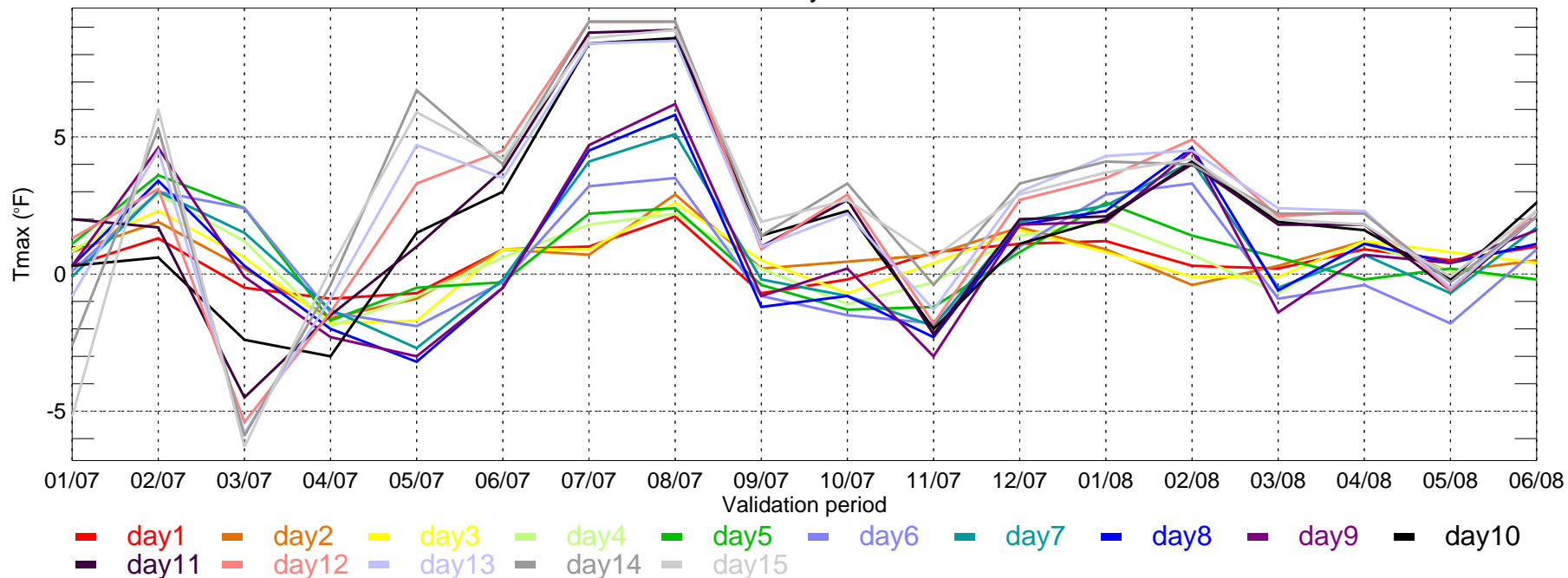
IAH: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



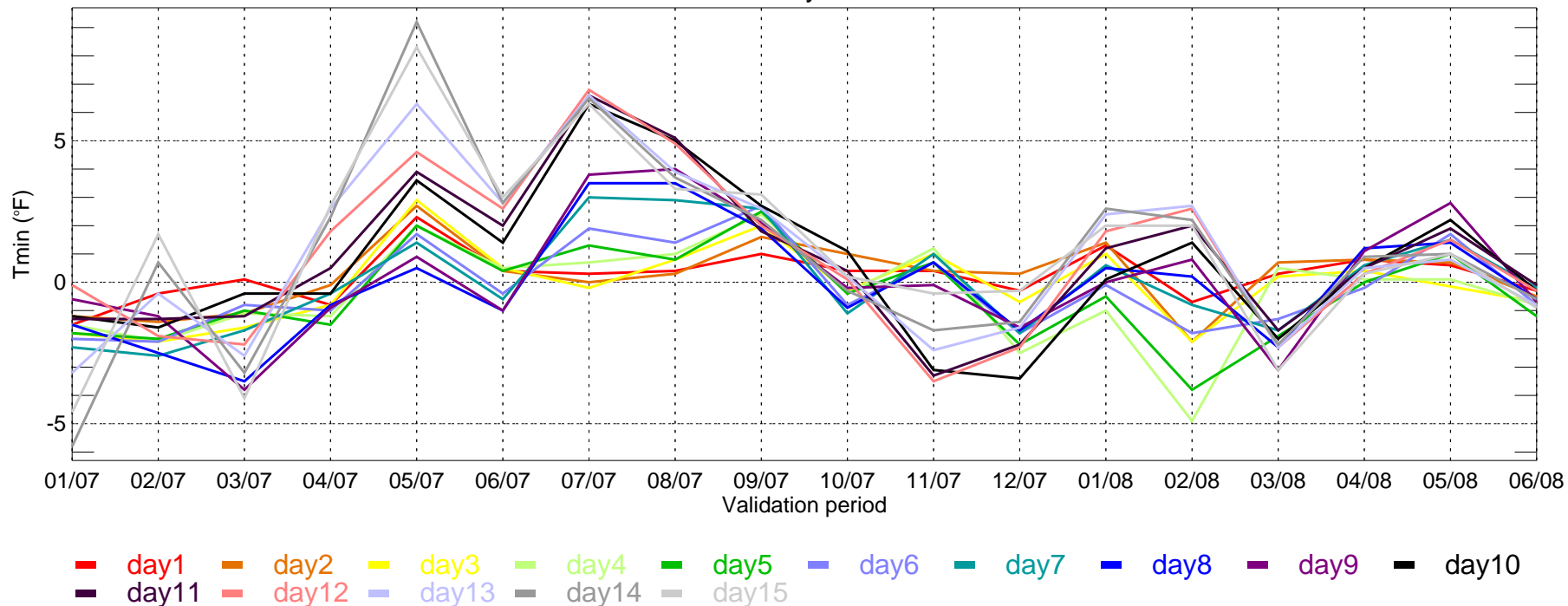
IAH: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



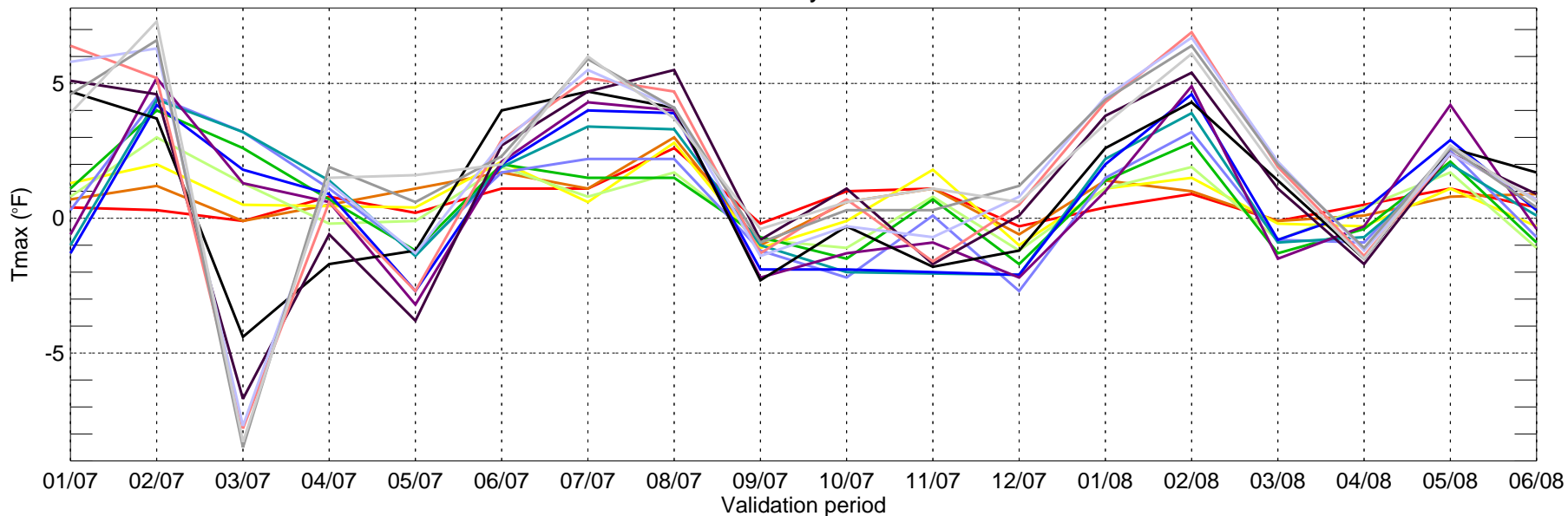
MSP: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



MSP: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30

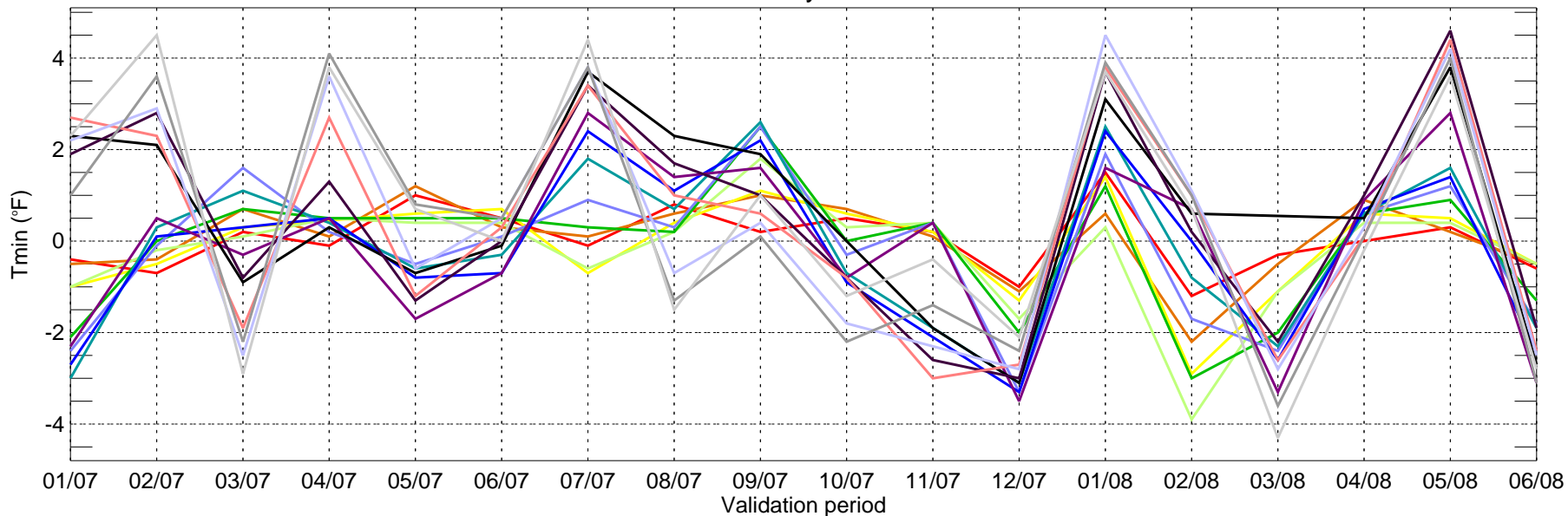


ORD: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



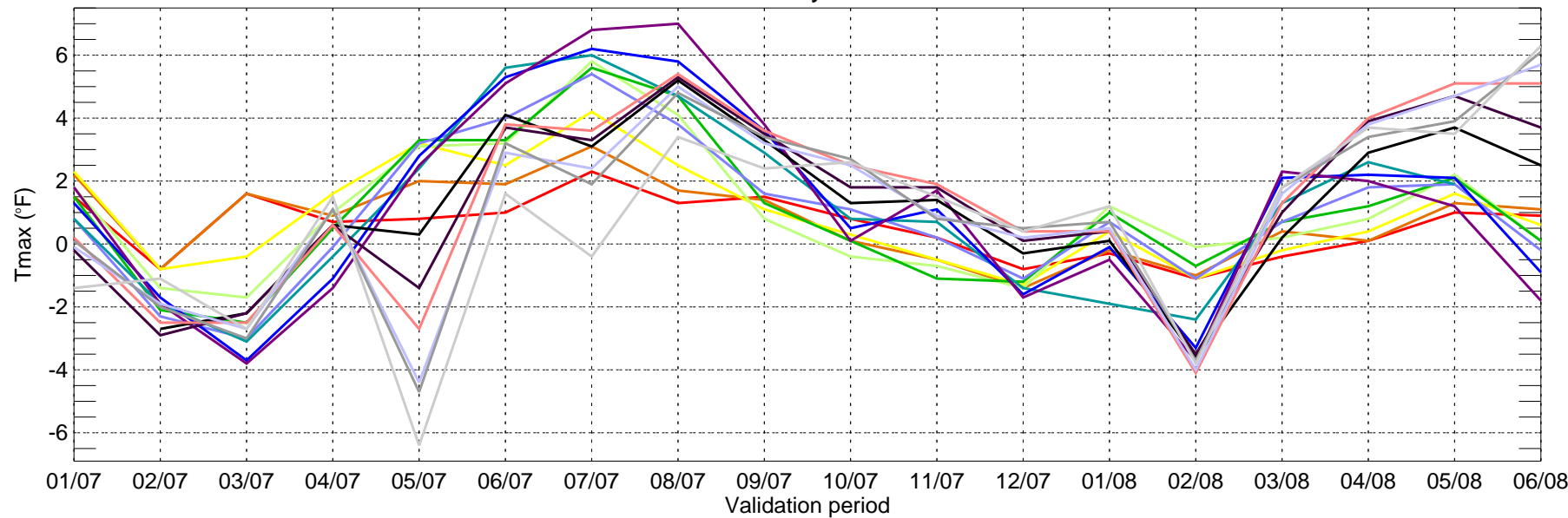
- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

ORD: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



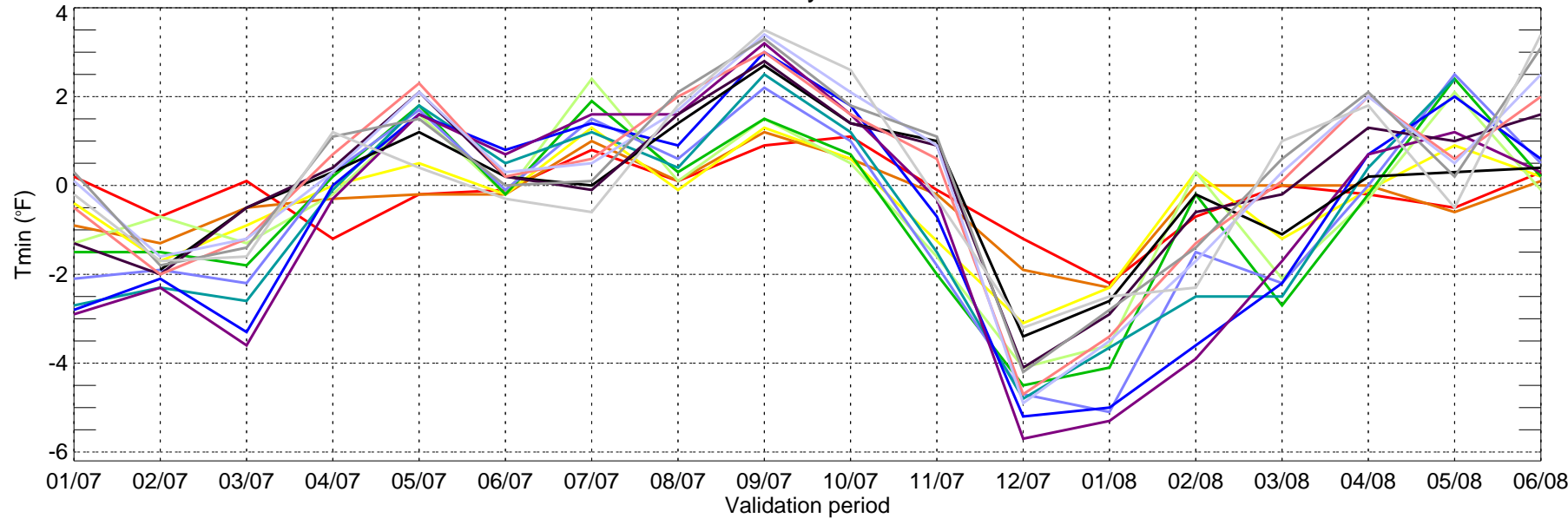
- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

PDX: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



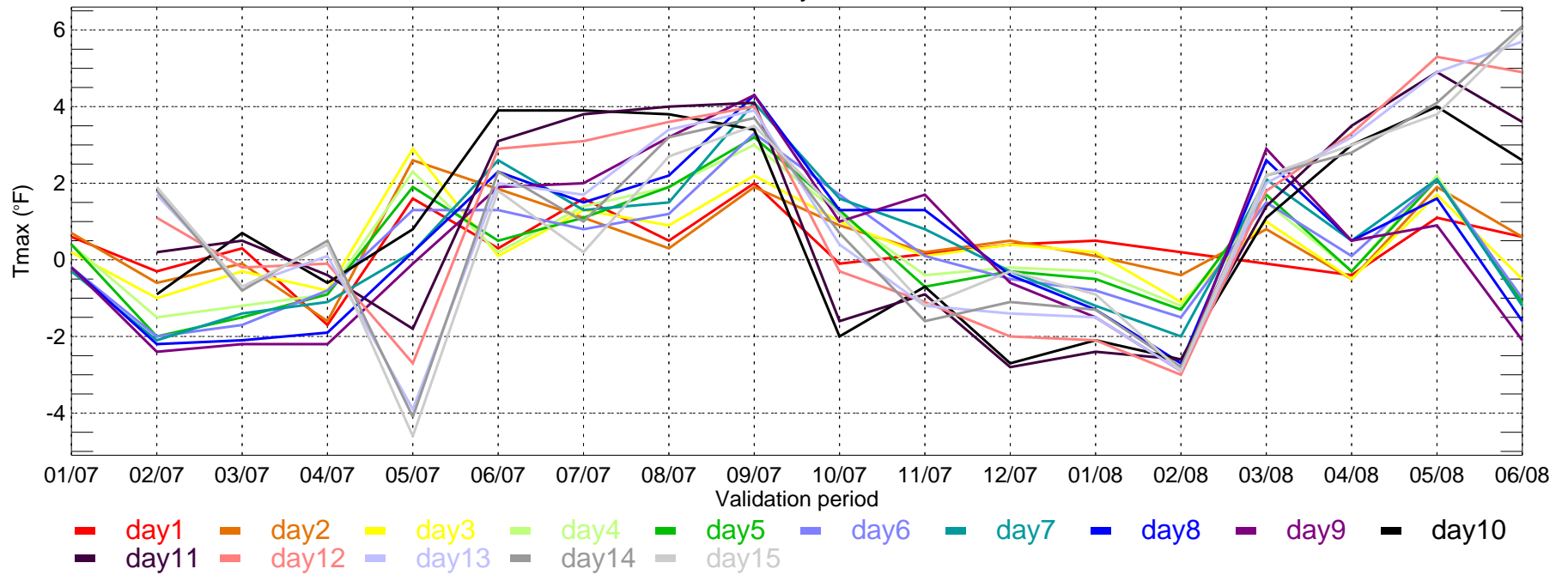
- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

PDX: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30

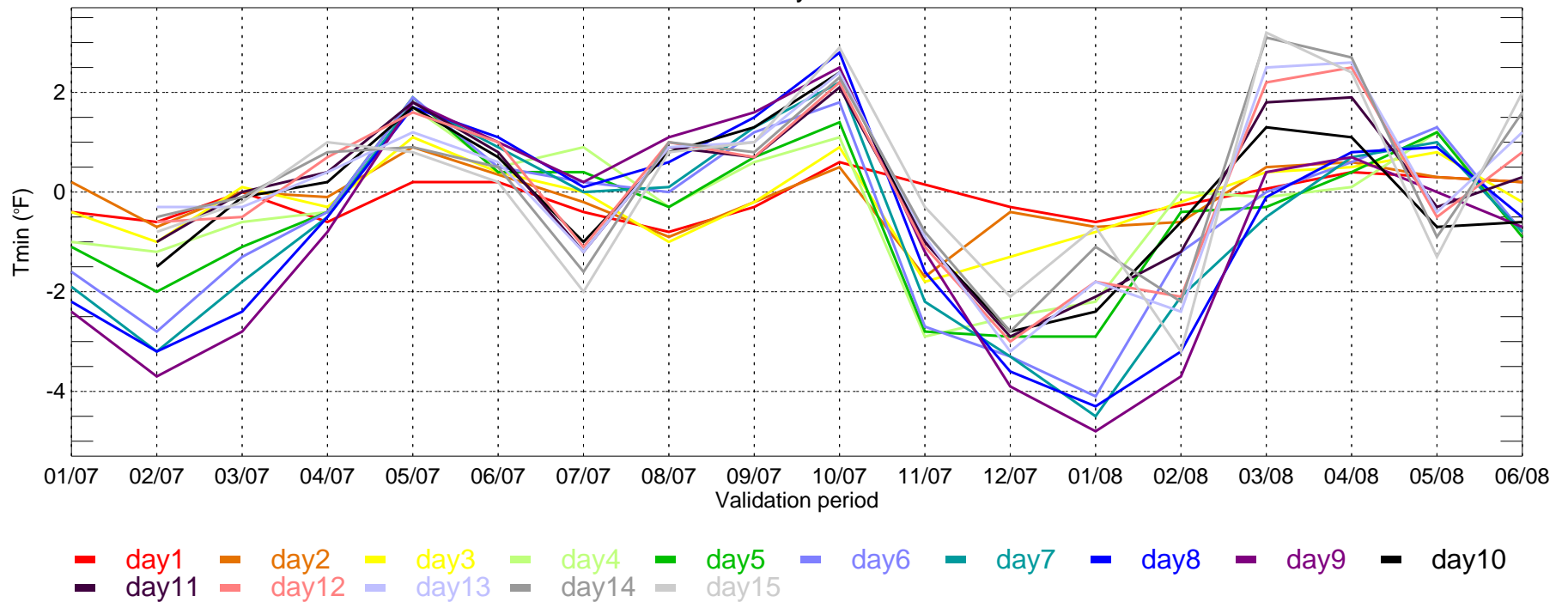


- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

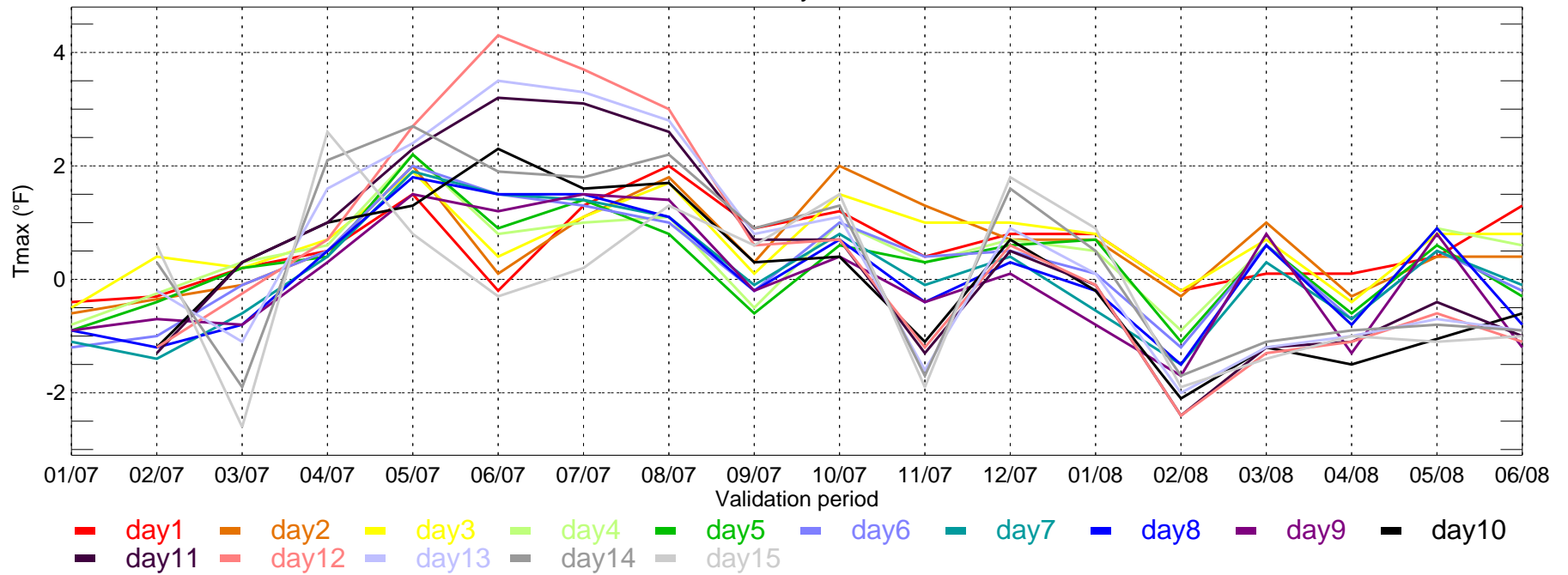
SEA: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



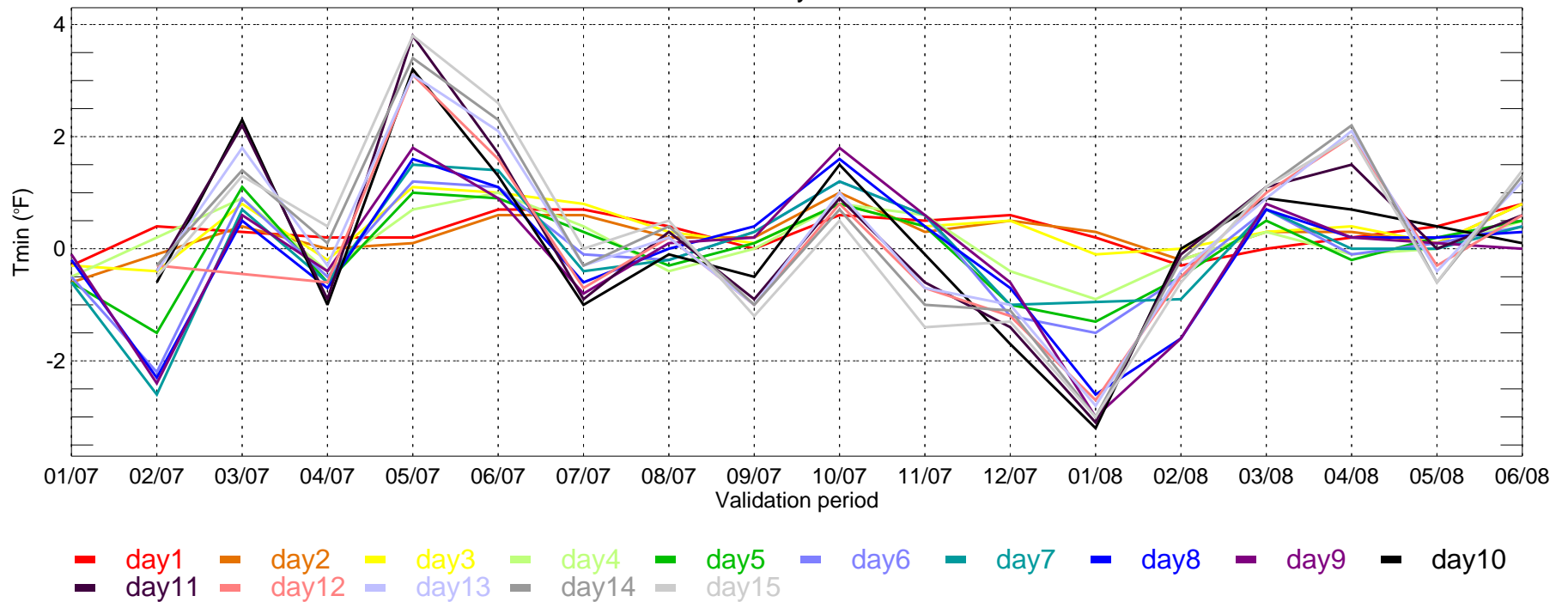
SEA: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



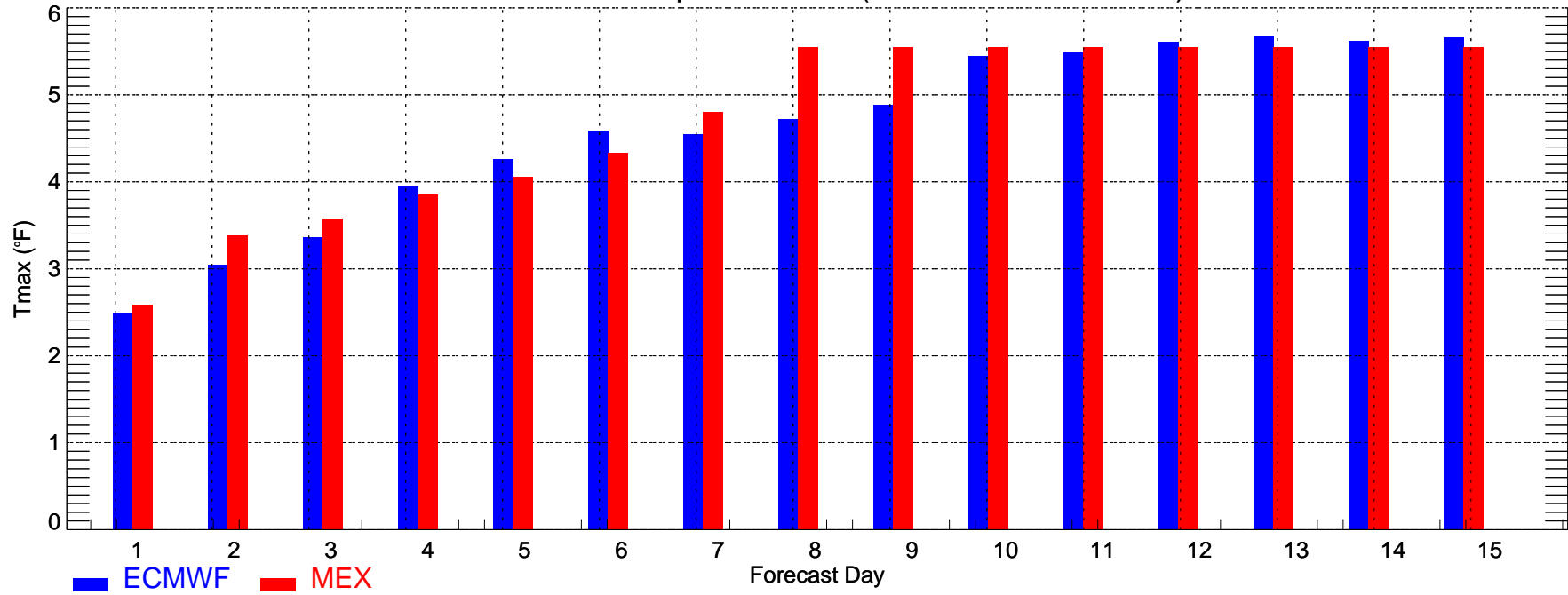
SFO: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2008-06-30



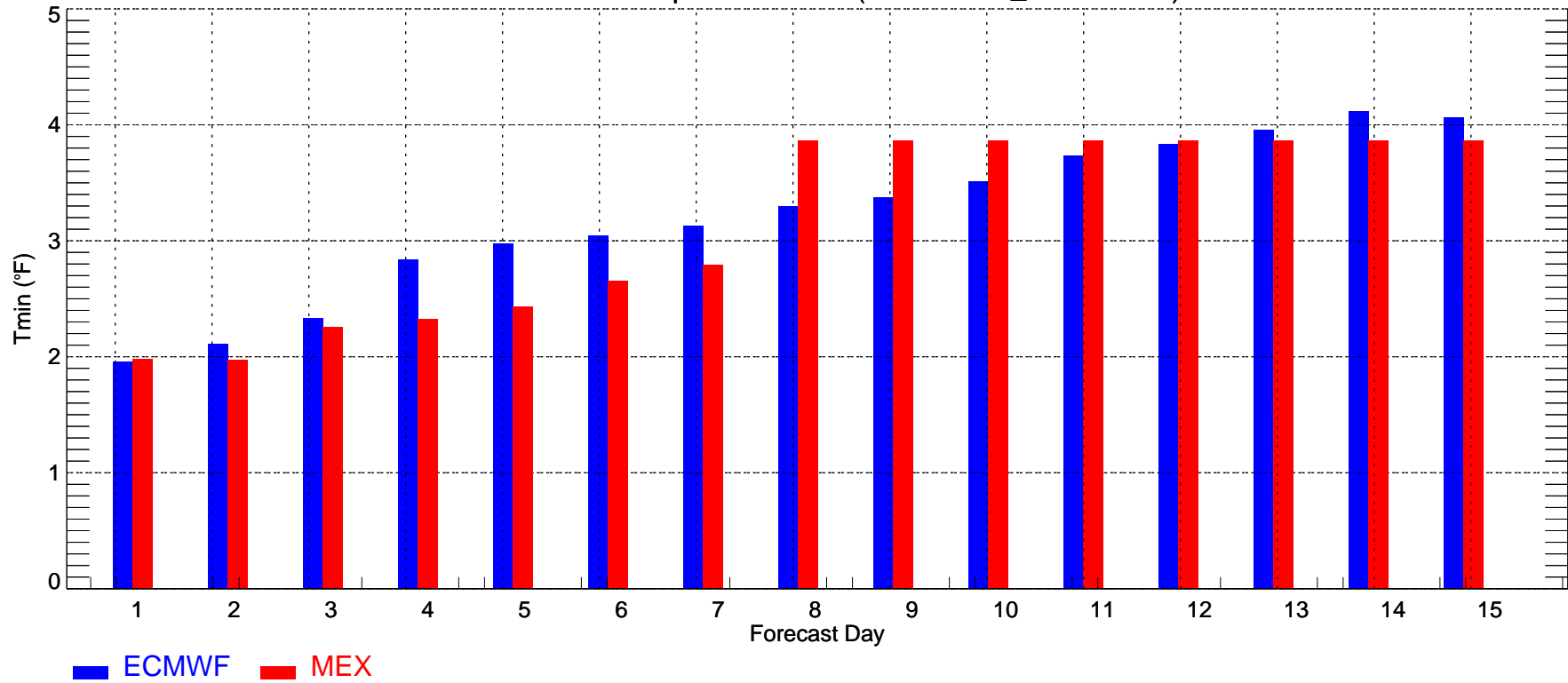
SFO: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2008-06-30



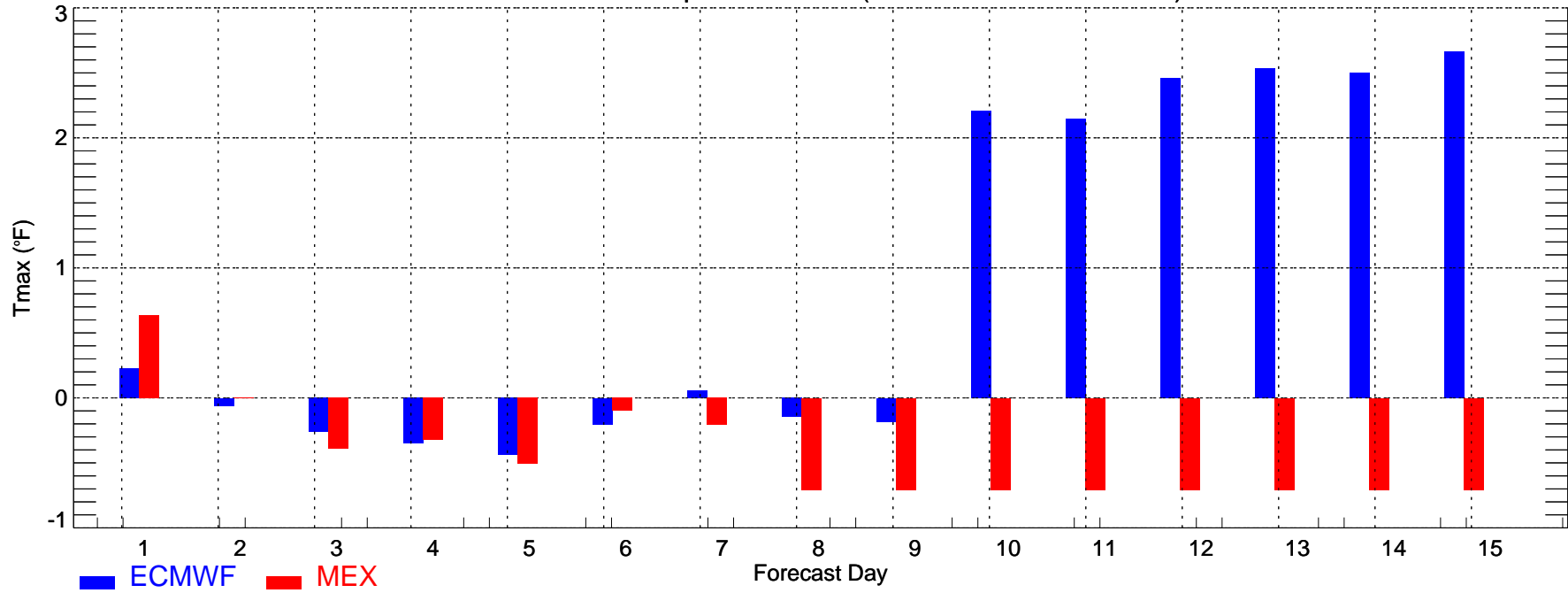
CUST1: Max Temperature MAE (2008-06-01\_2008-06-30)



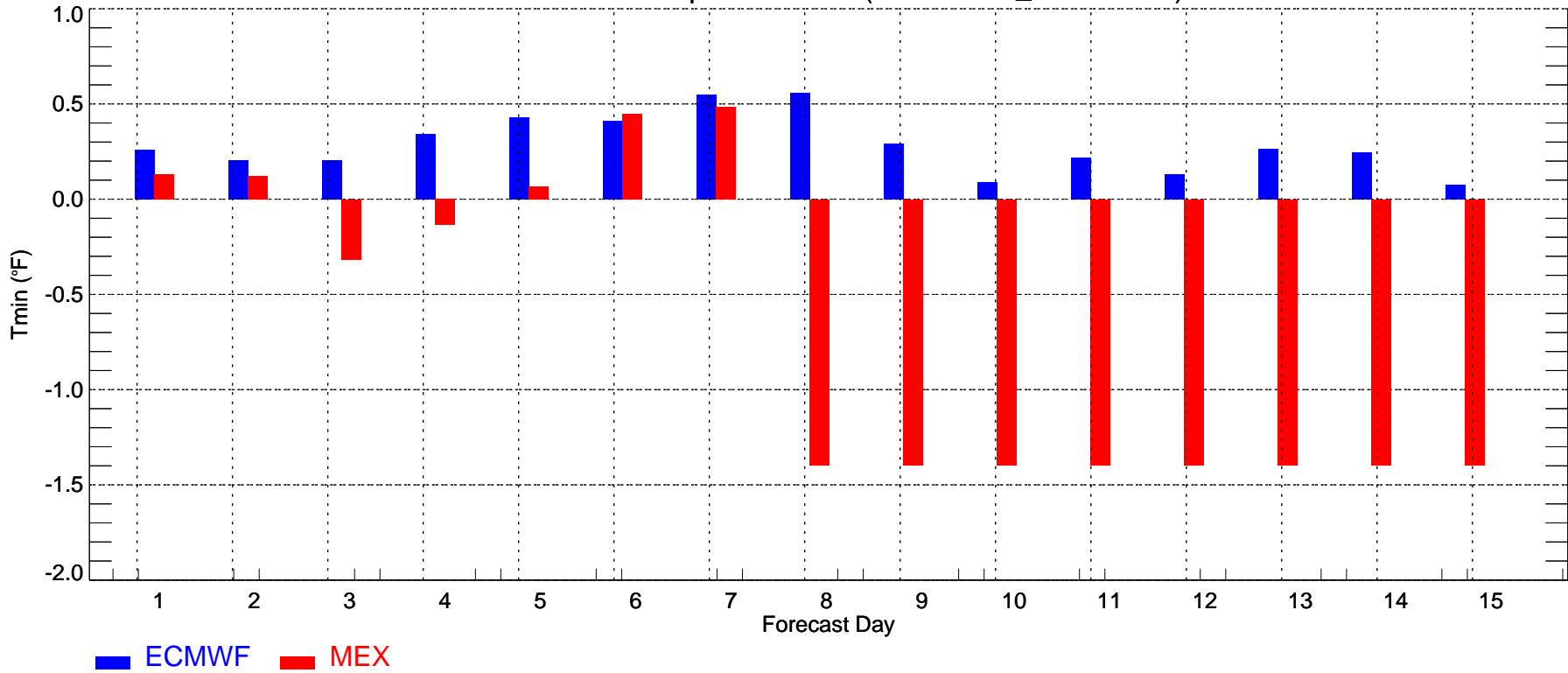
CUST1: Min Temperature MAE (2008-06-01\_2008-06-30)



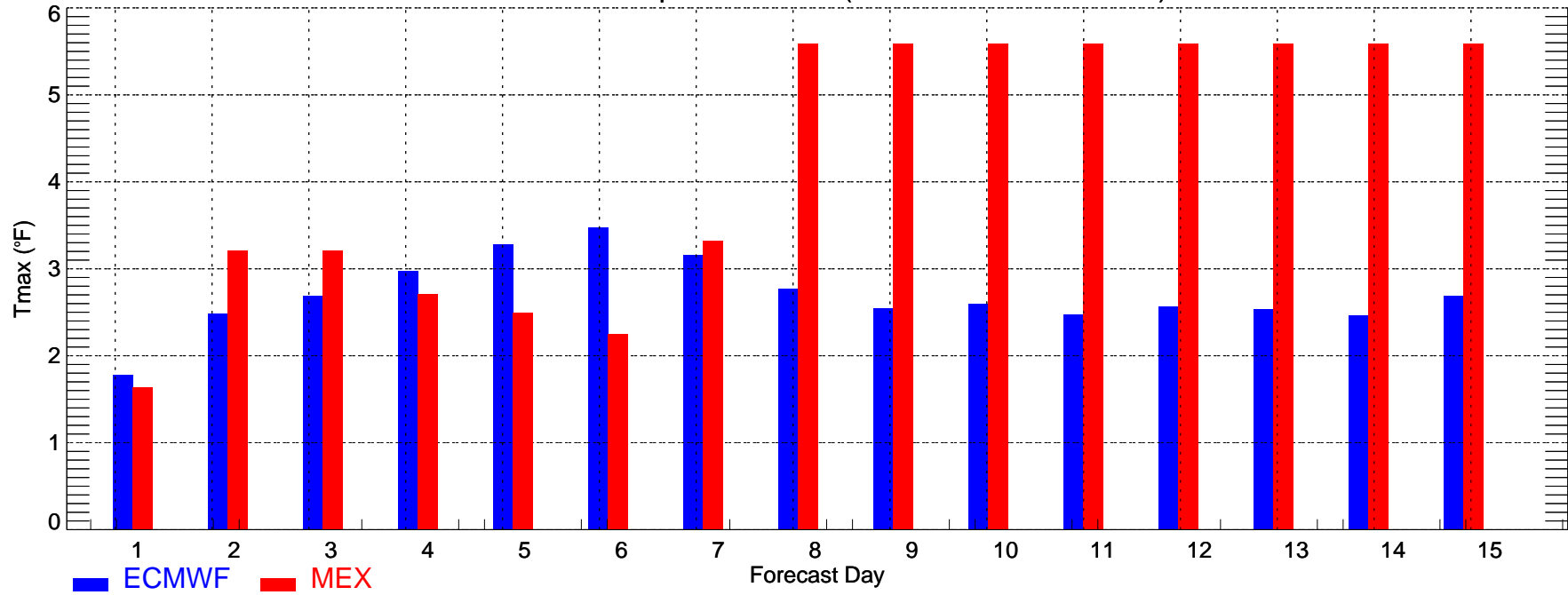
CUST1: Max Temperature Bias (2008-06-01\_2008-06-30)



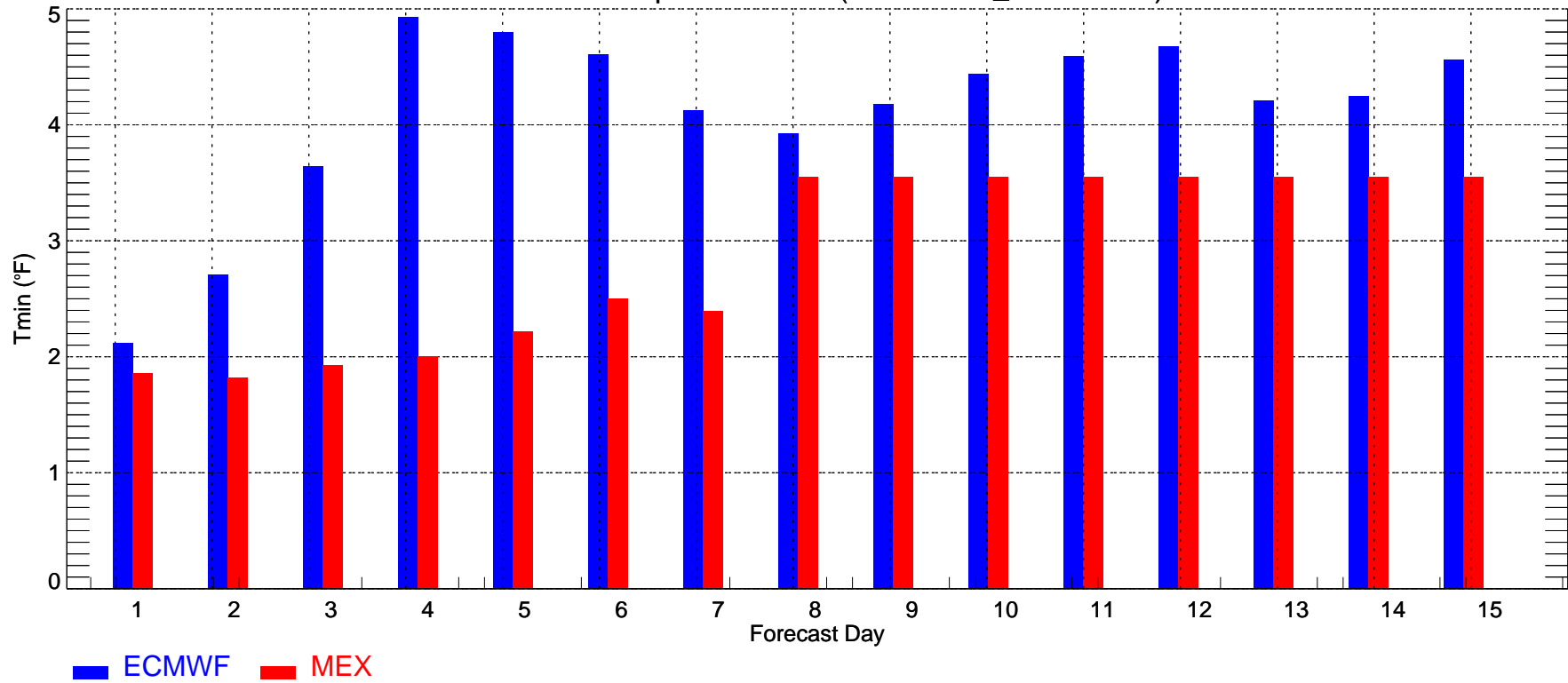
CUST1: Min Temperature Bias (2008-06-01\_2008-06-30)



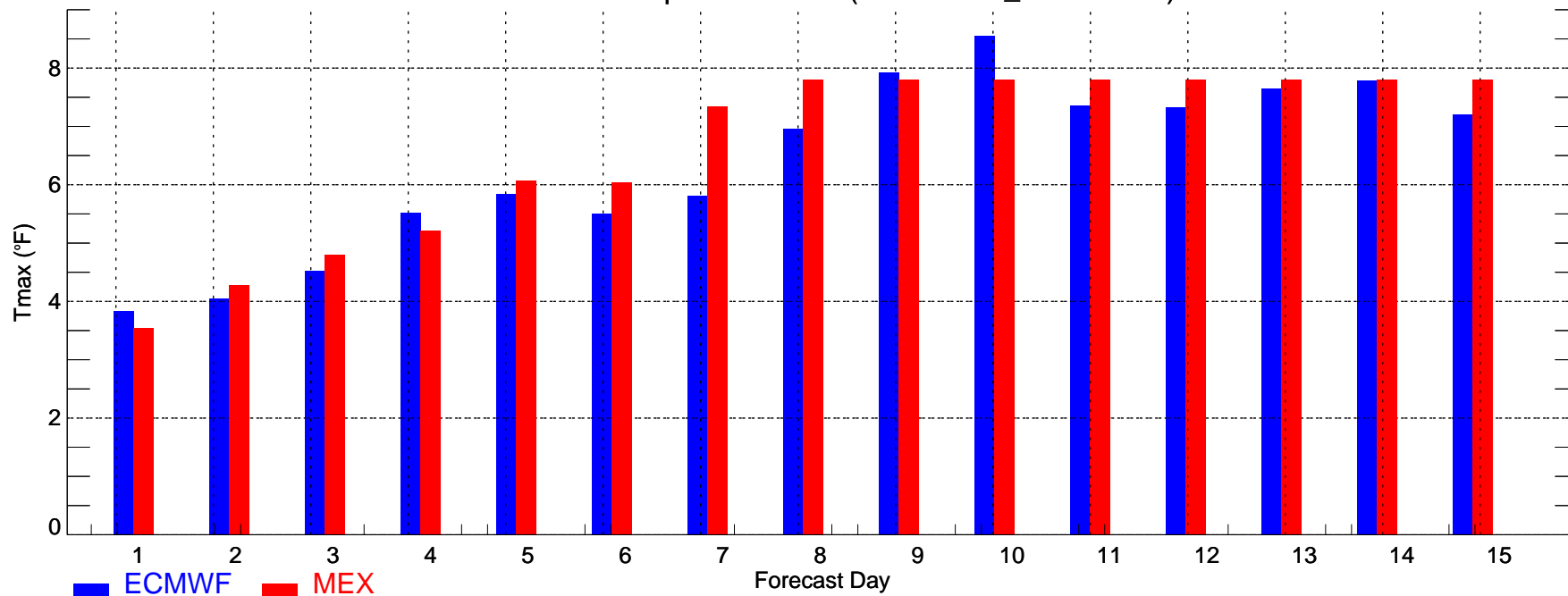
AUS: Max Temperature MAE (2008-06-01\_2008-06-30)



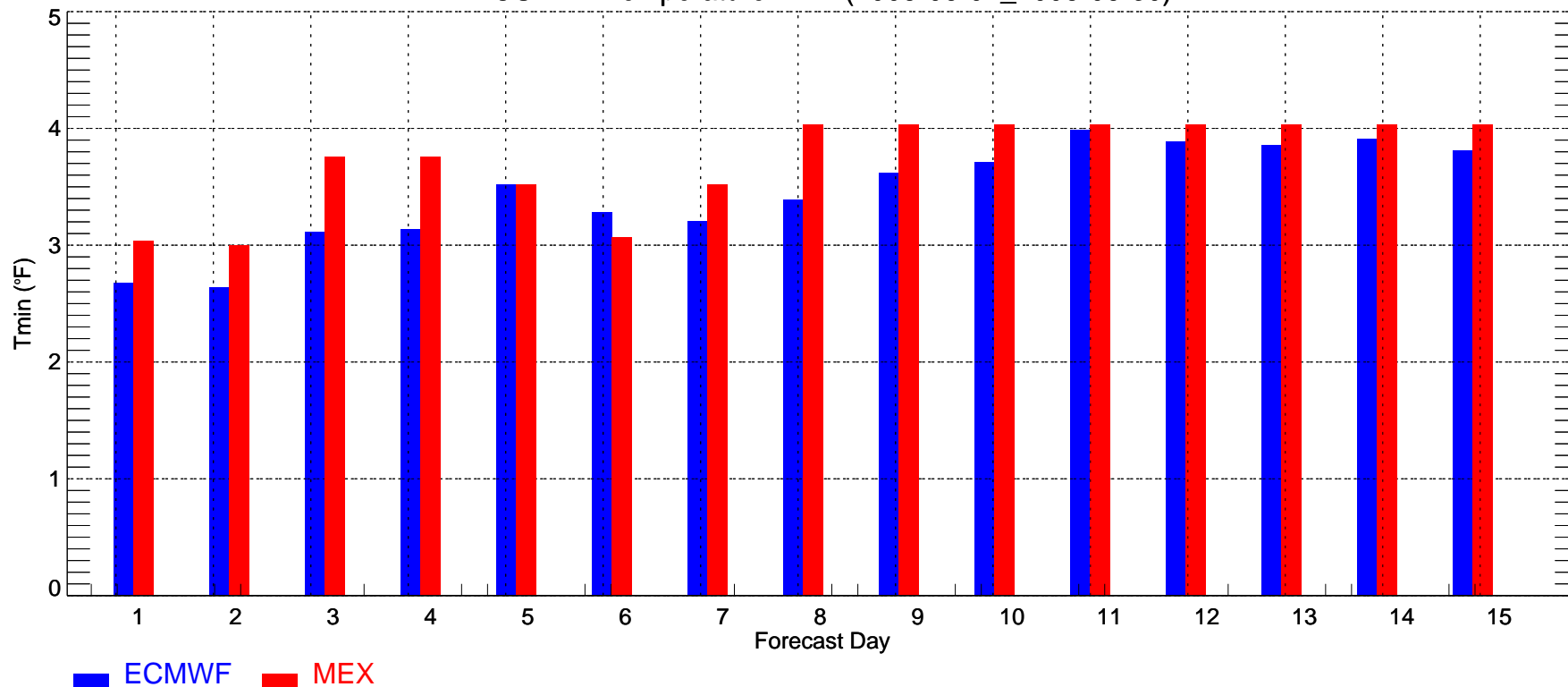
AUS: Min Temperature MAE (2008-06-01\_2008-06-30)



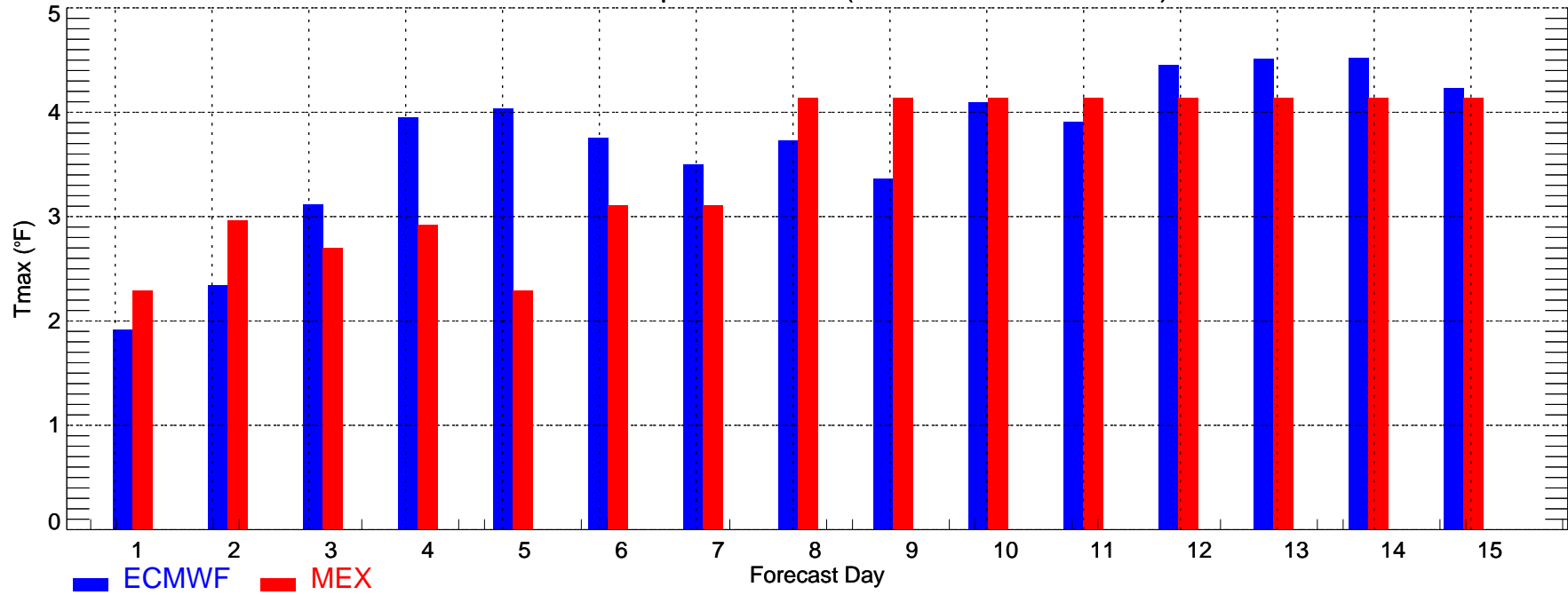
BOS: Max Temperature MAE (2008-06-01\_2008-06-30)



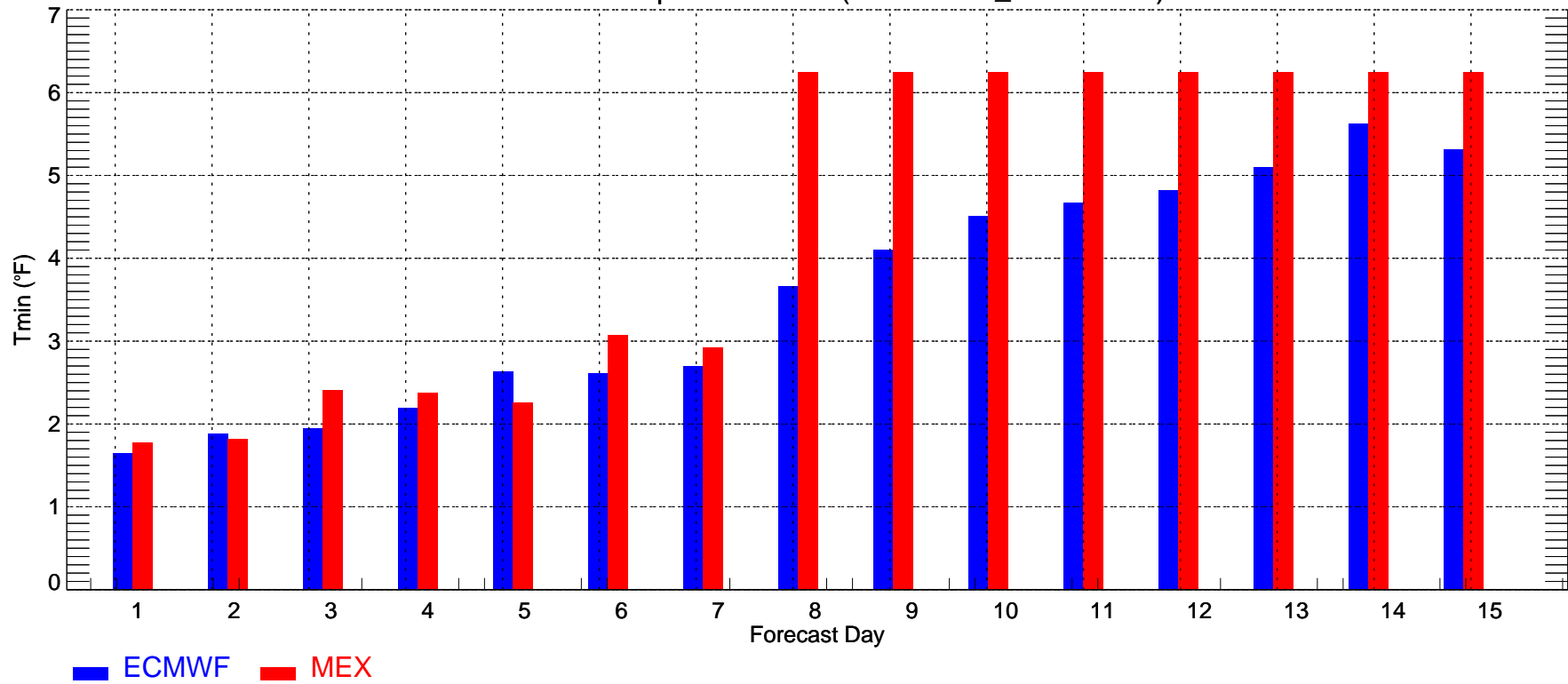
BOS: Min Temperature MAE (2008-06-01\_2008-06-30)



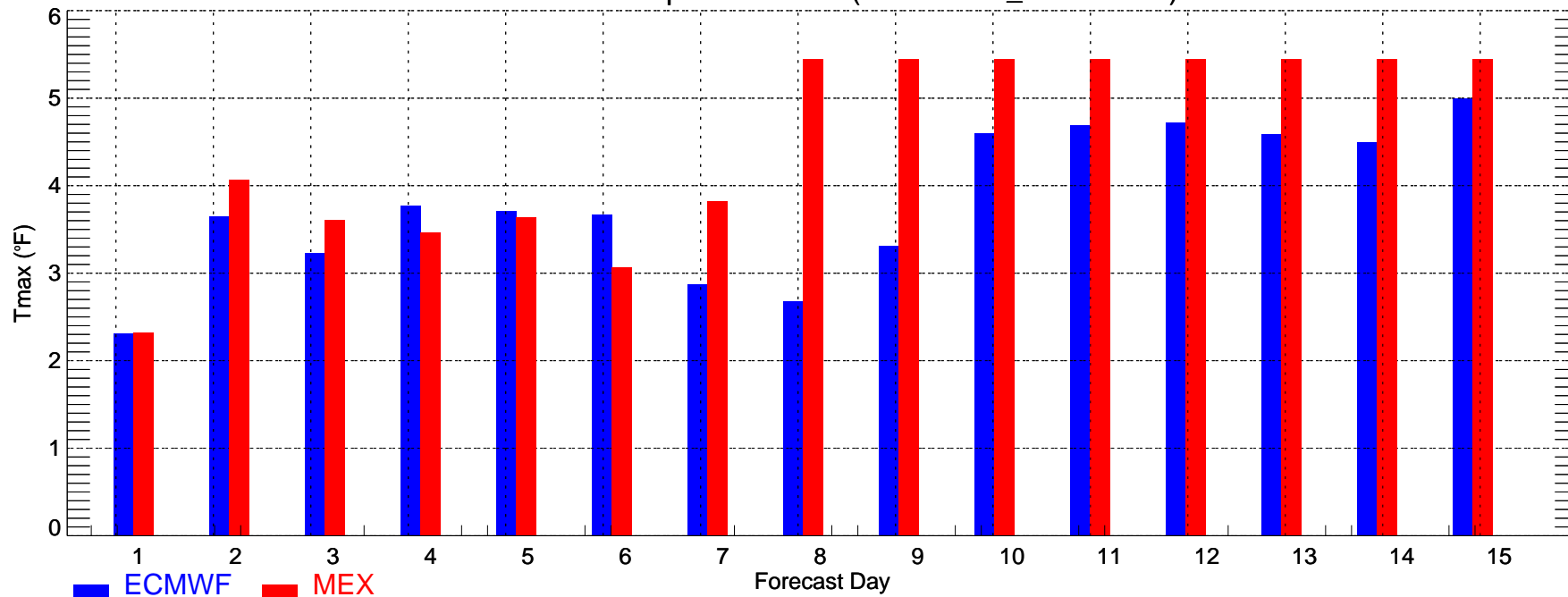
CVG: Max Temperature MAE (2008-06-01\_2008-06-30)



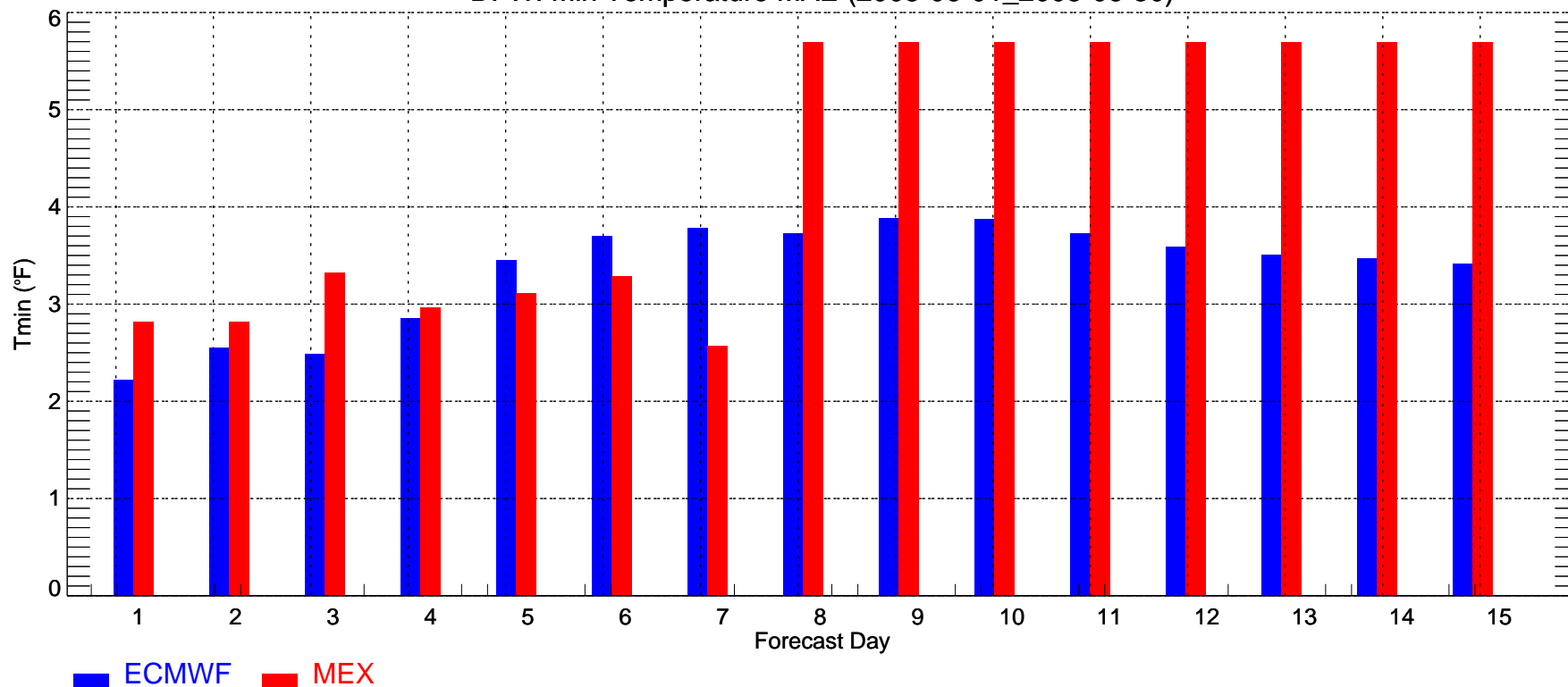
CVG: Min Temperature MAE (2008-06-01\_2008-06-30)



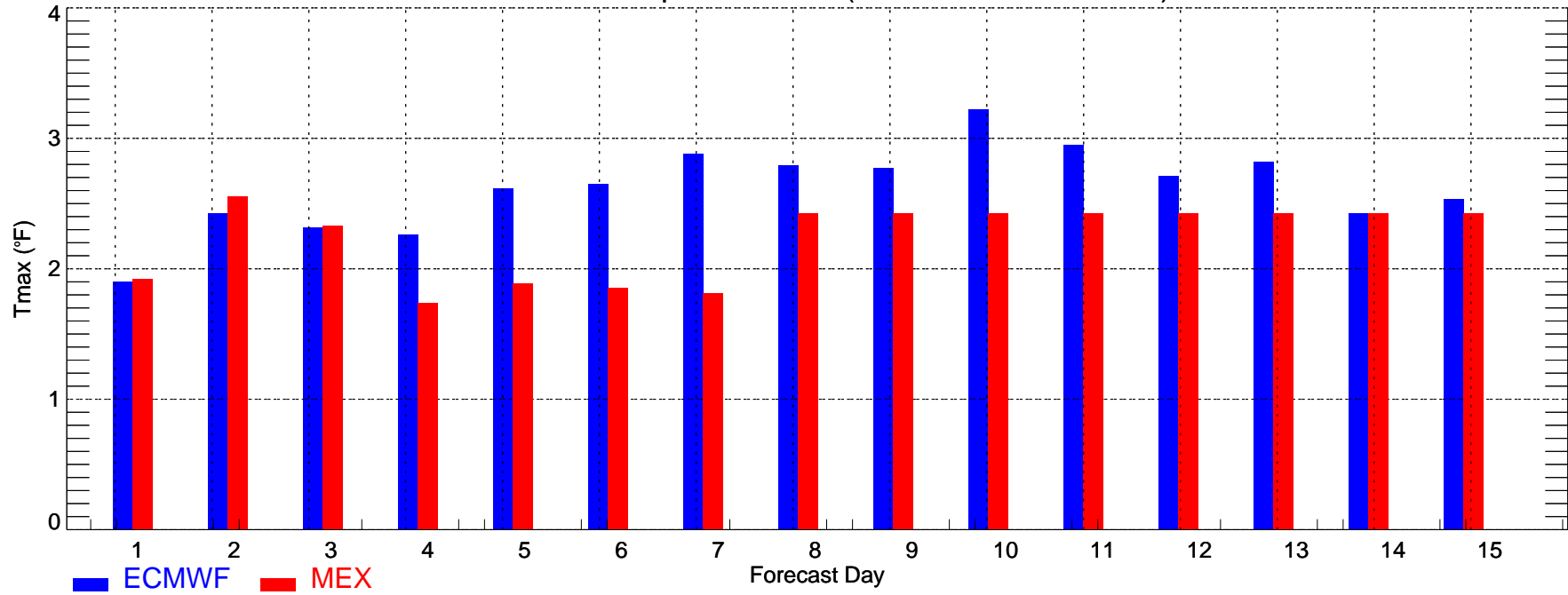
DFW: Max Temperature MAE (2008-06-01\_2008-06-30)



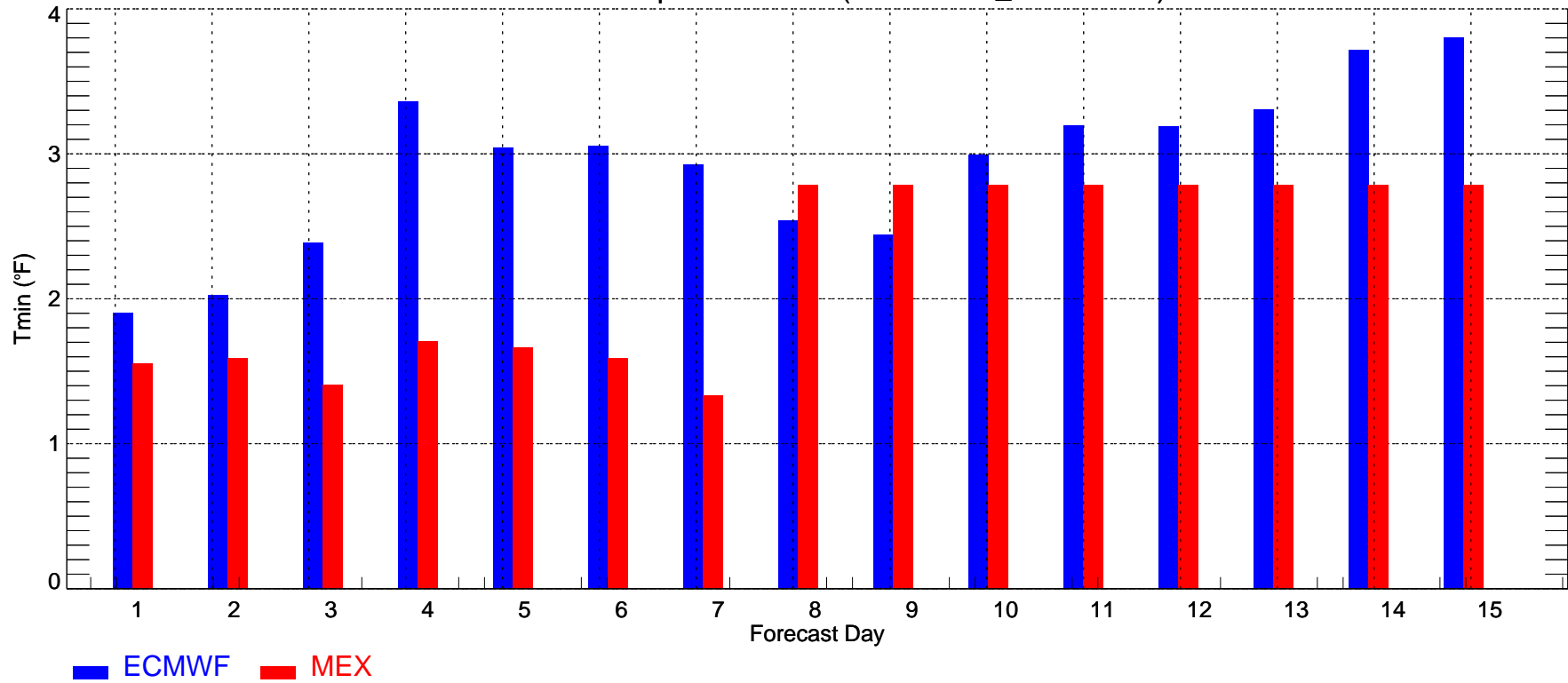
DFW: Min Temperature MAE (2008-06-01\_2008-06-30)



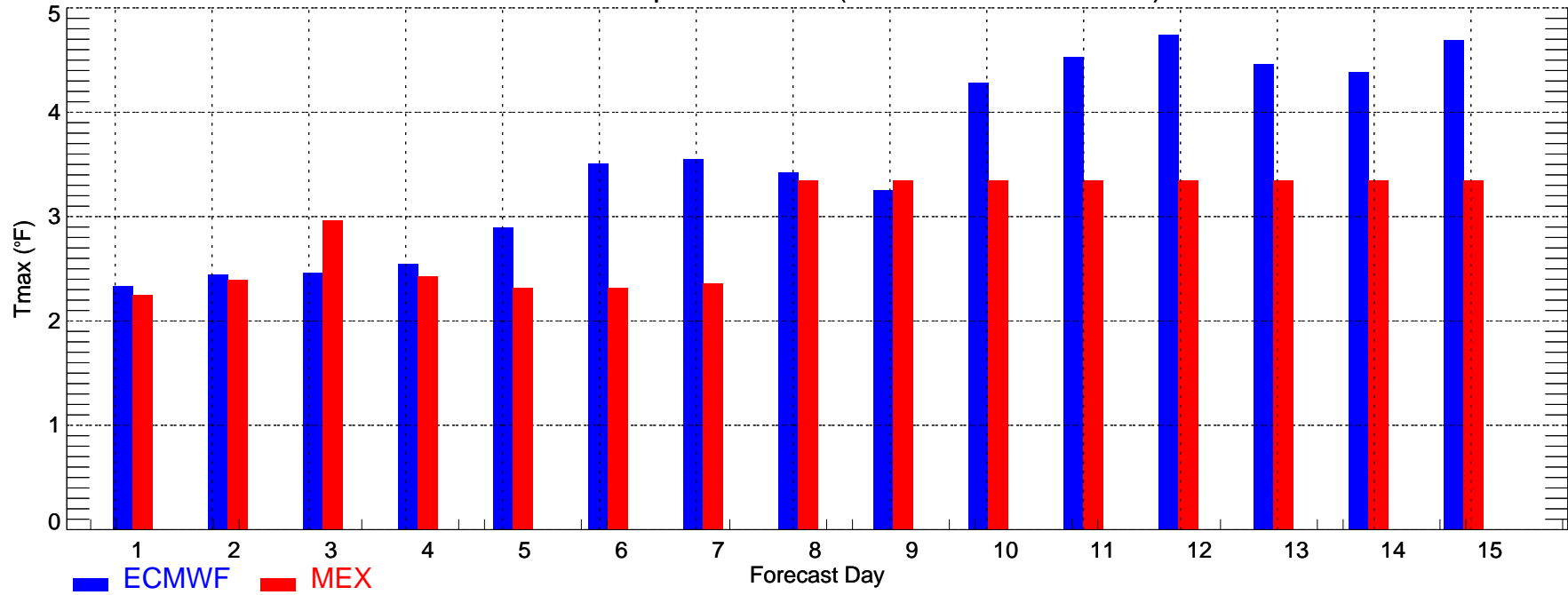
HOU: Max Temperature MAE (2008-06-01\_2008-06-30)



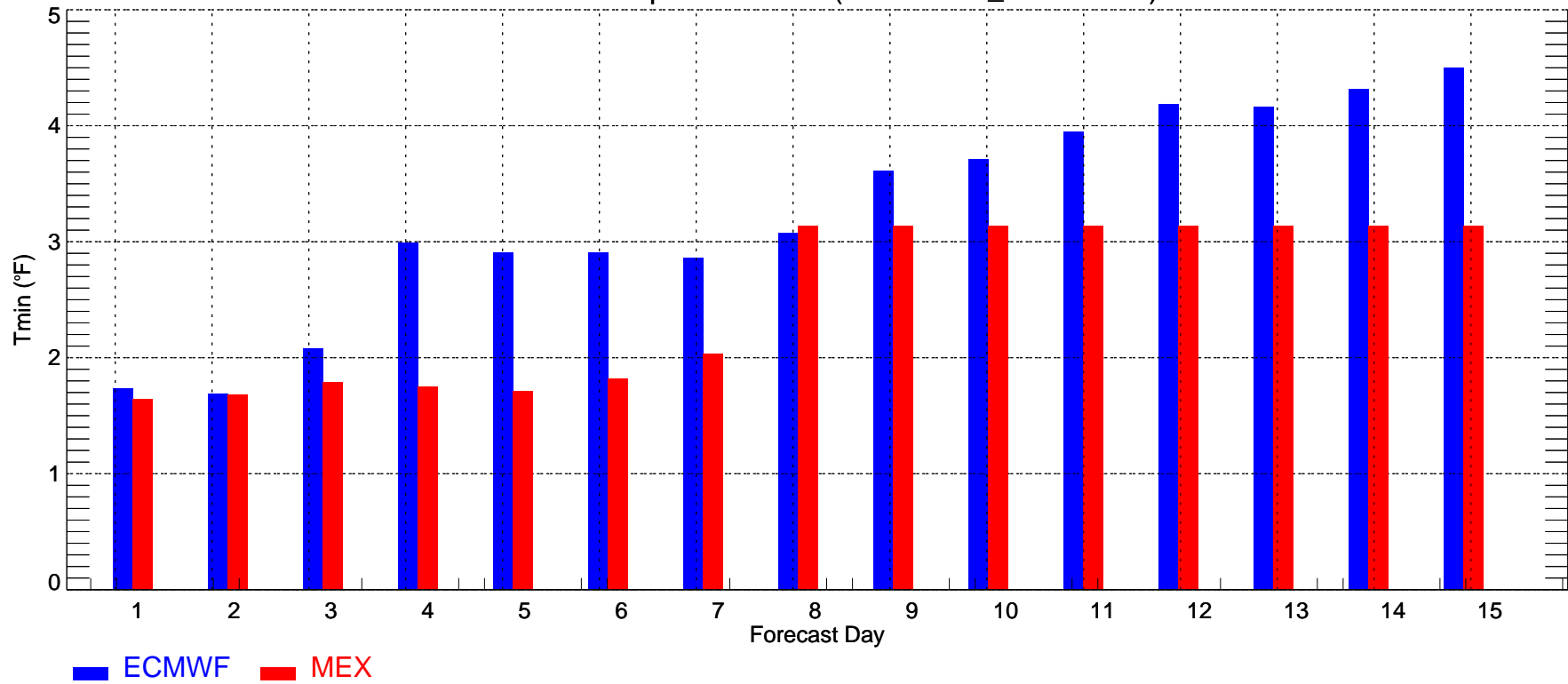
HOU: Min Temperature MAE (2008-06-01\_2008-06-30)



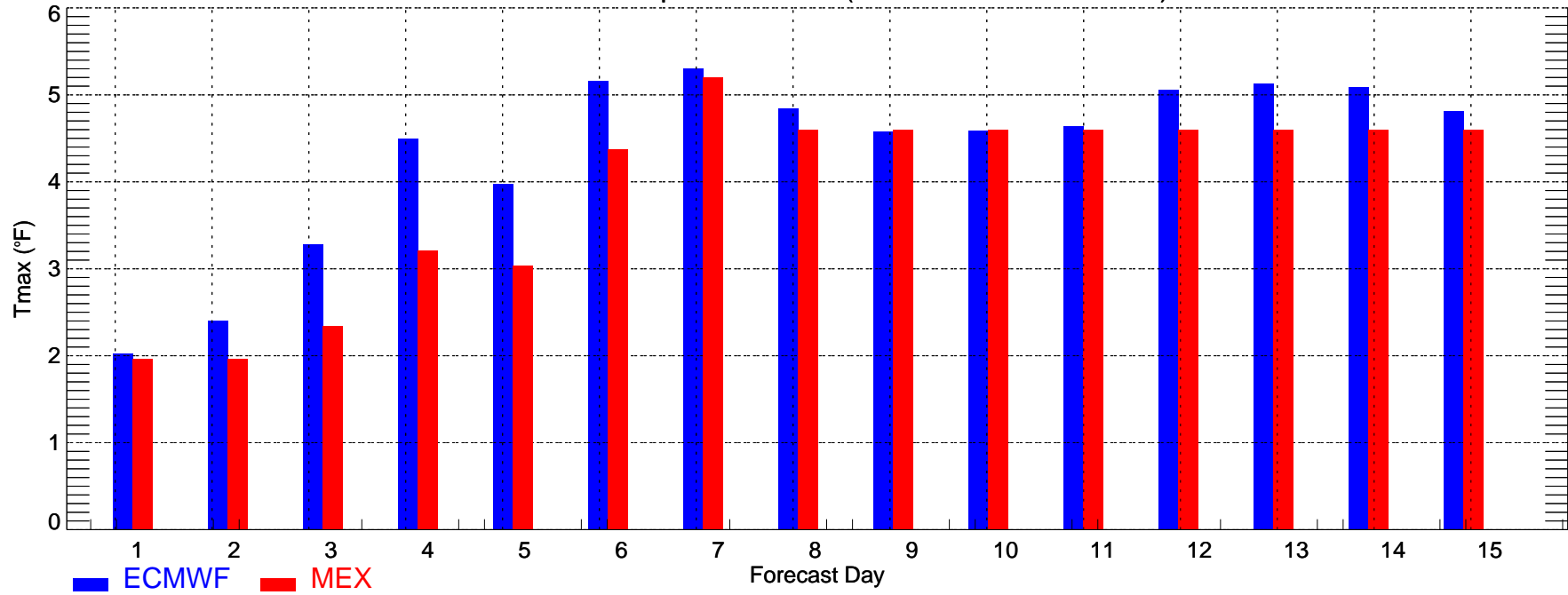
IAH: Max Temperature MAE (2008-06-01\_2008-06-30)



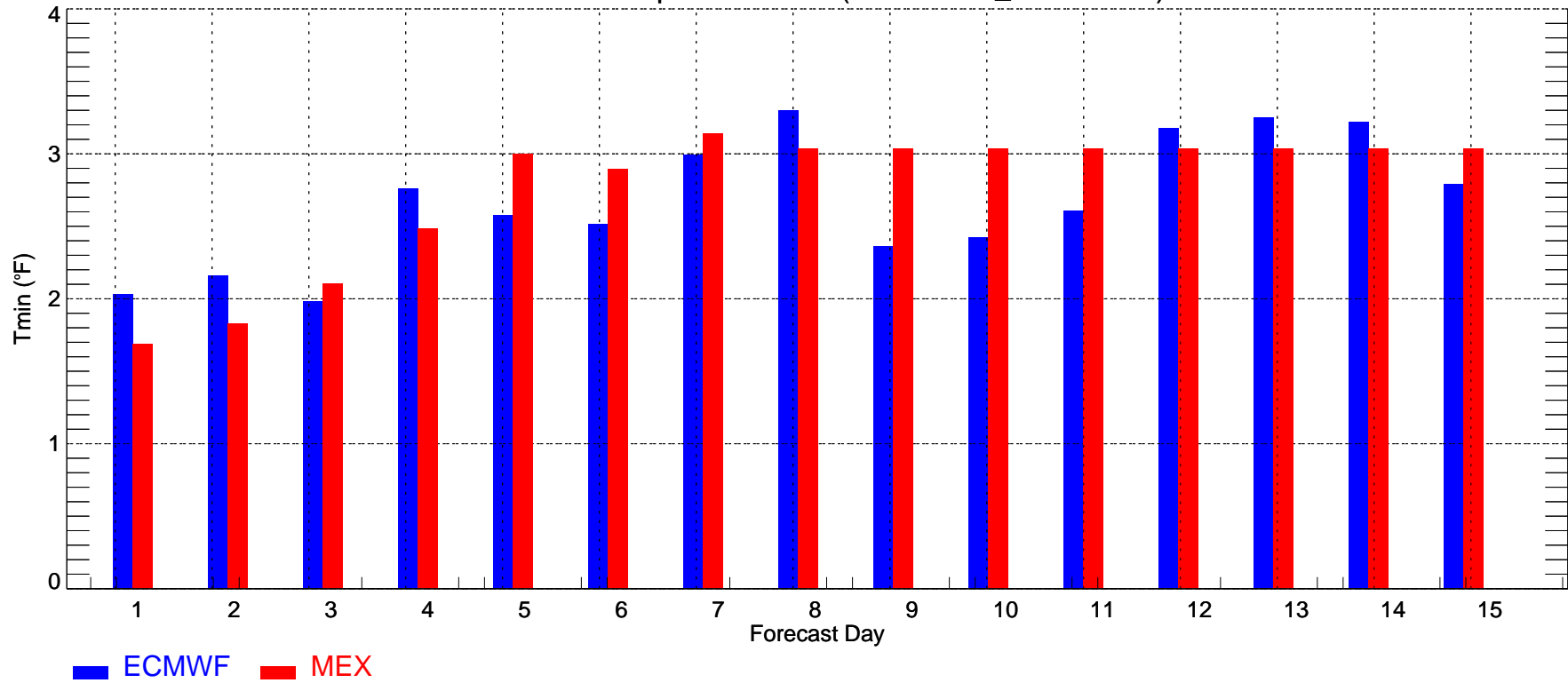
IAH: Min Temperature MAE (2008-06-01\_2008-06-30)



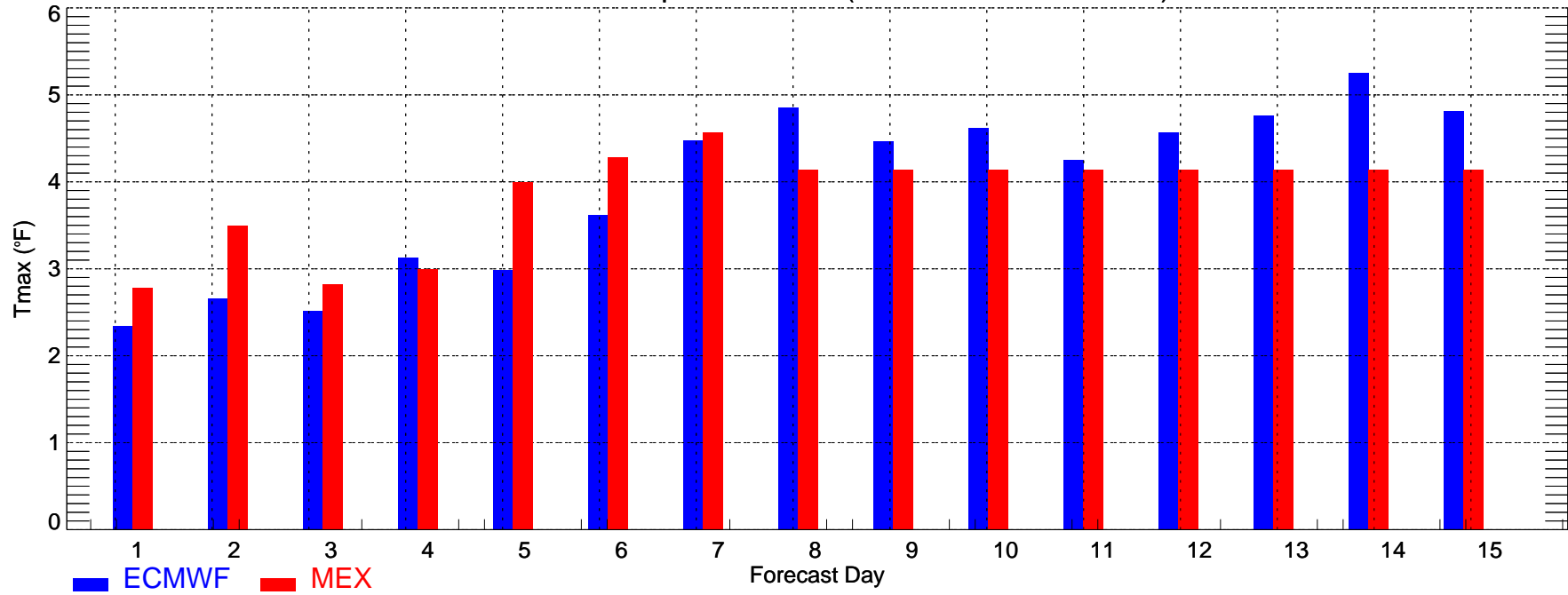
MSP: Max Temperature MAE (2008-06-01\_2008-06-30)



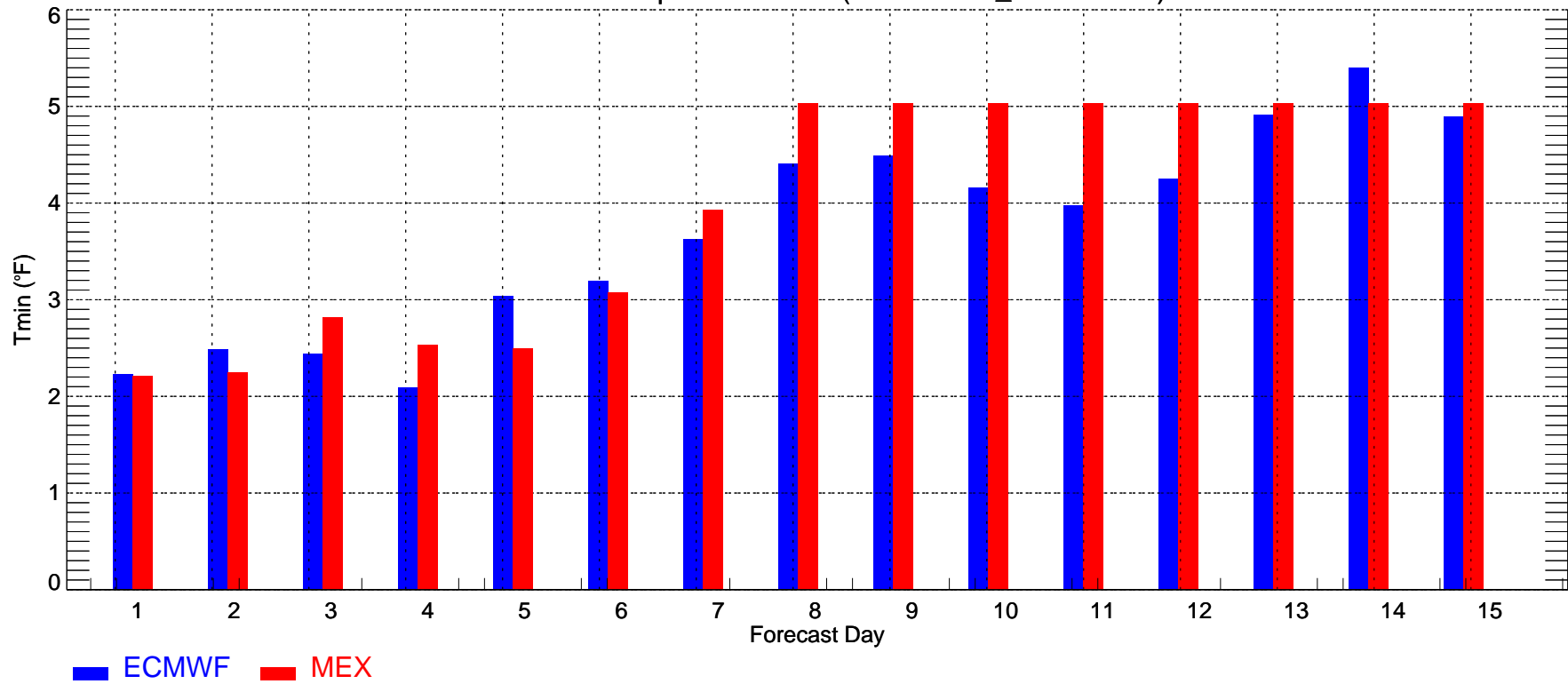
MSP: Min Temperature MAE (2008-06-01\_2008-06-30)



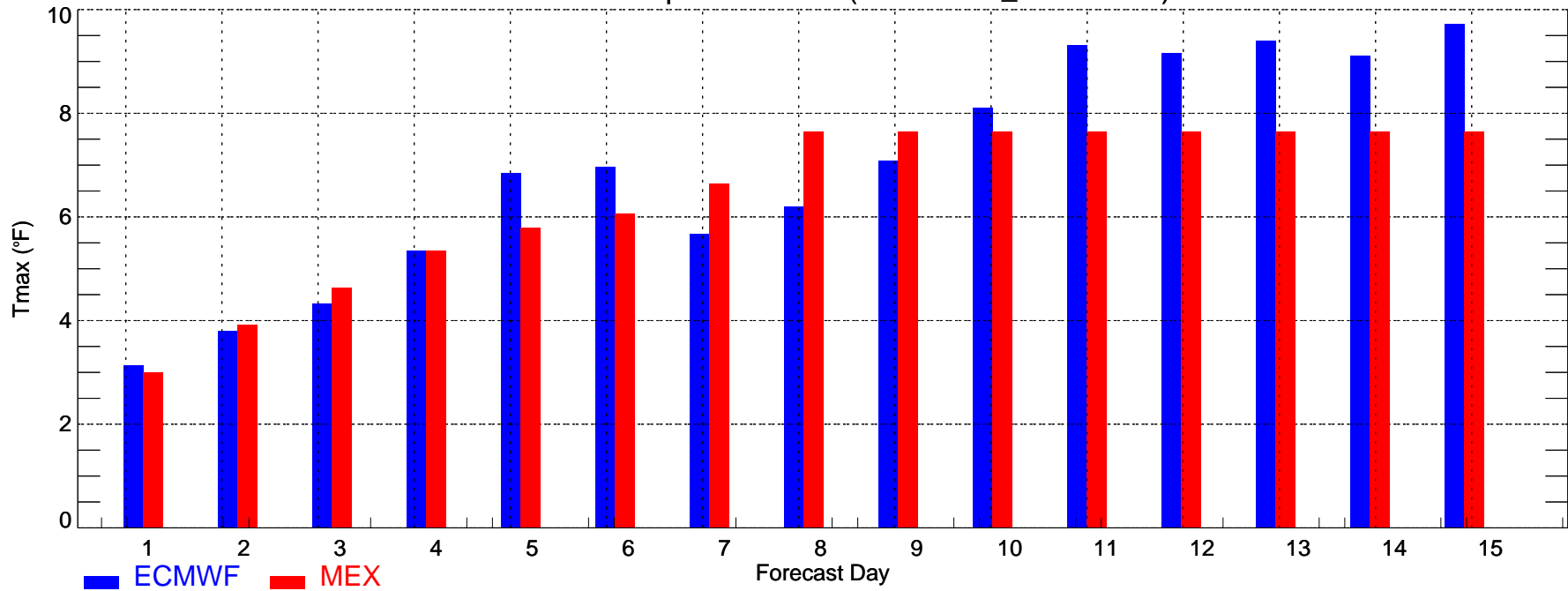
ORD: Max Temperature MAE (2008-06-01\_2008-06-30)



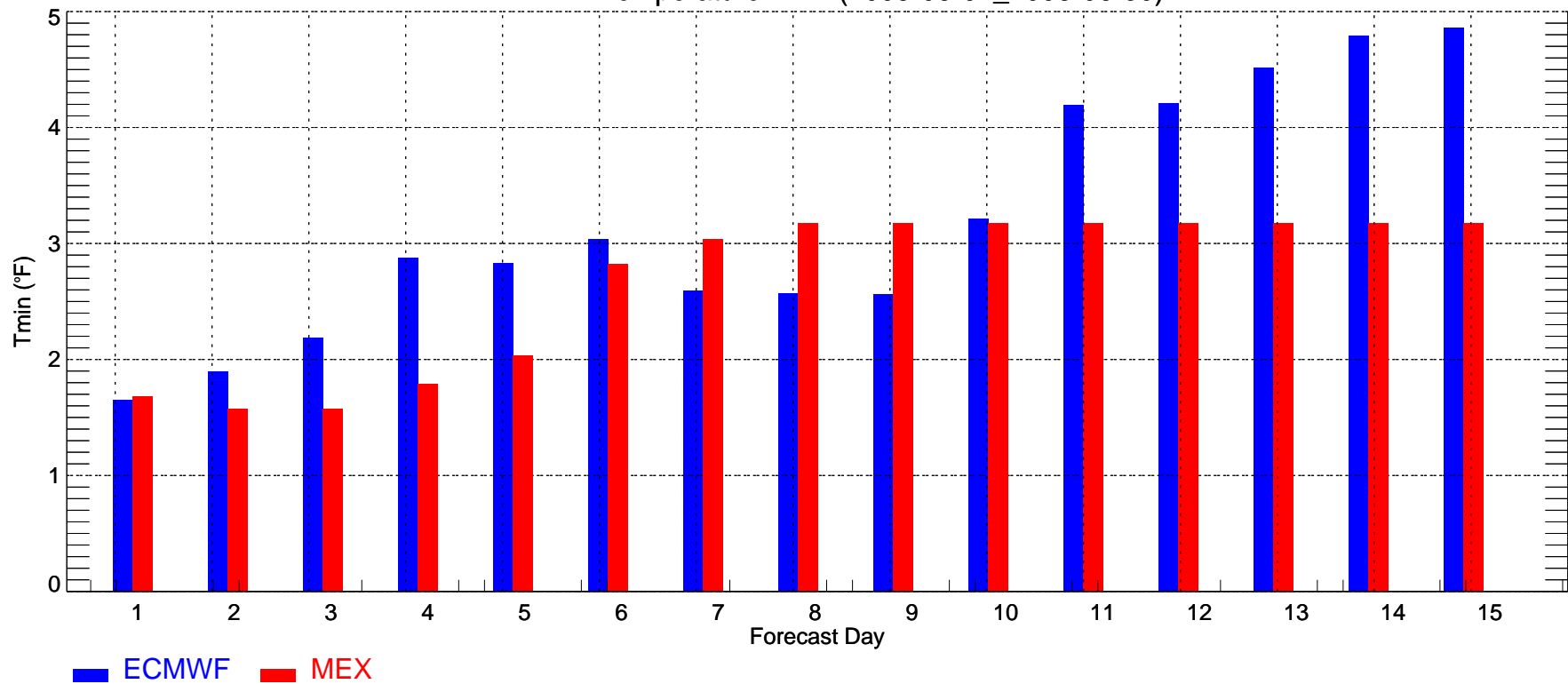
ORD: Min Temperature MAE (2008-06-01\_2008-06-30)



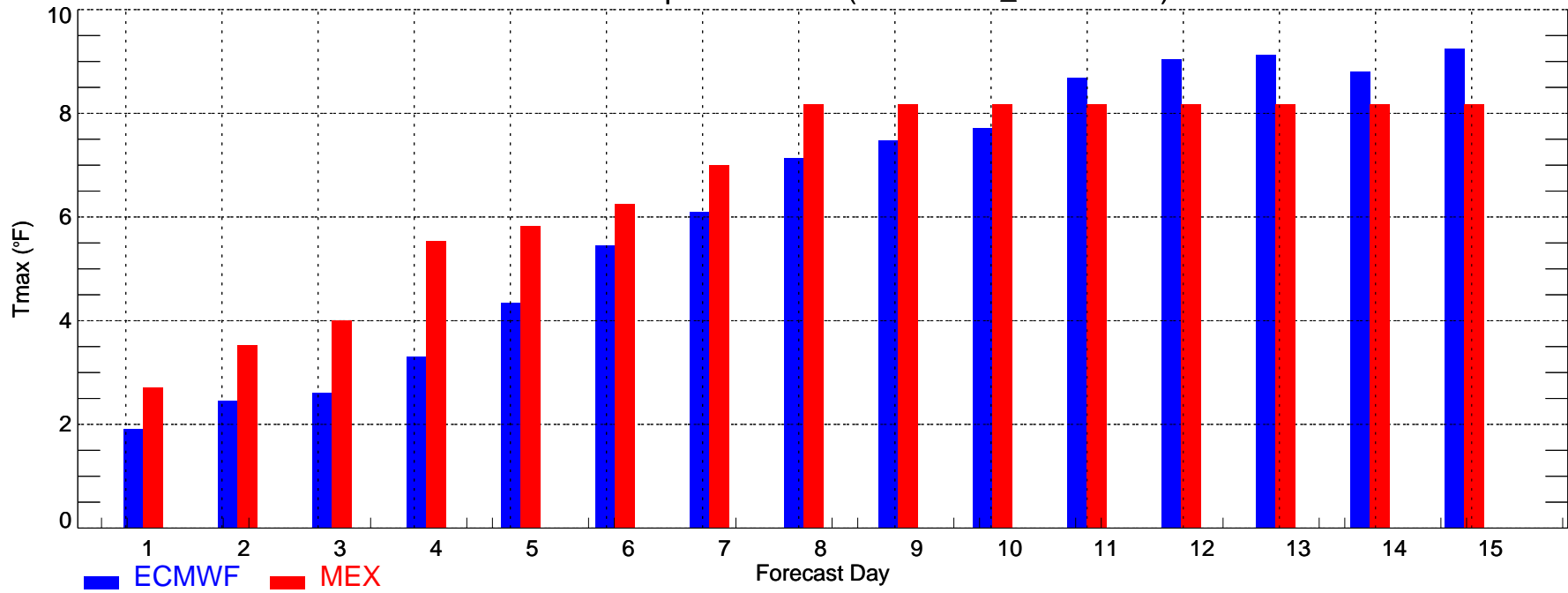
PDX: Max Temperature MAE (2008-06-01\_2008-06-30)



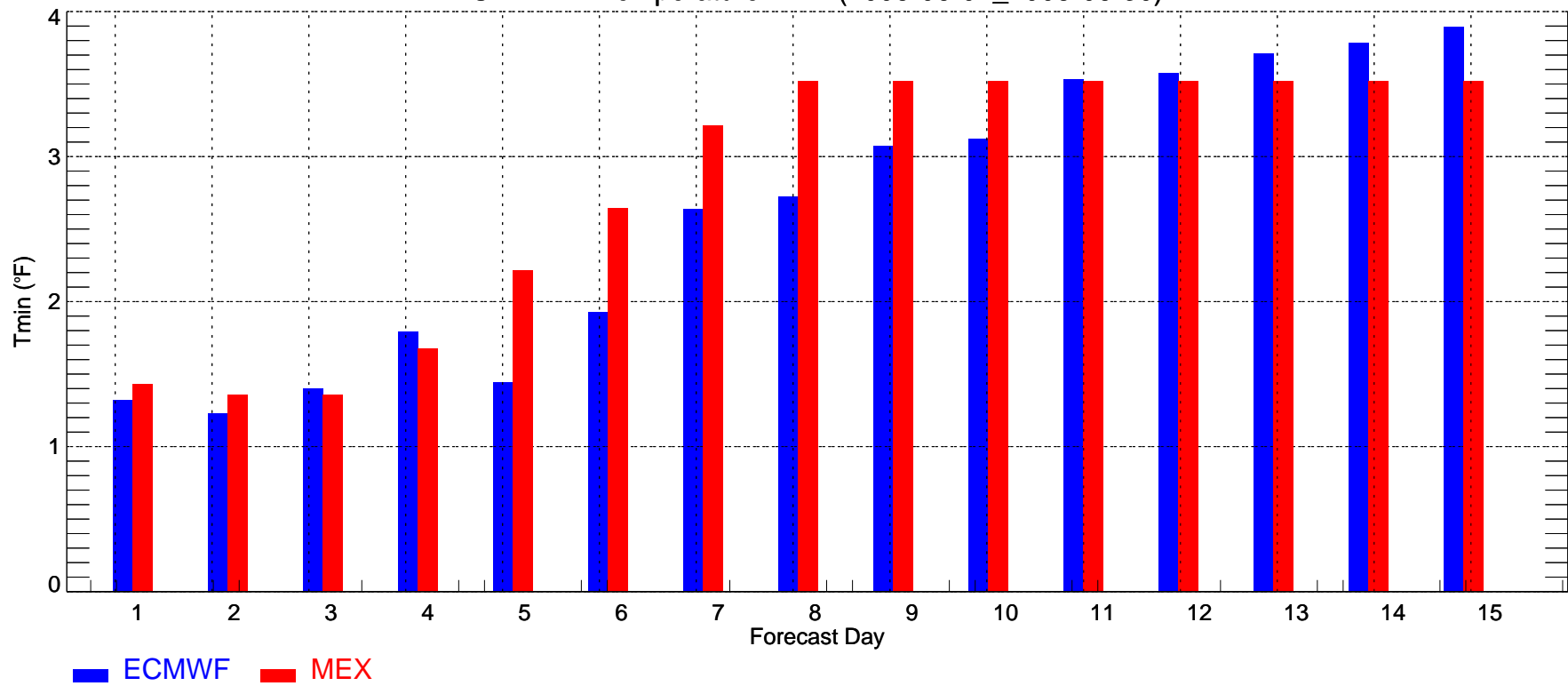
PDX: Min Temperature MAE (2008-06-01\_2008-06-30)



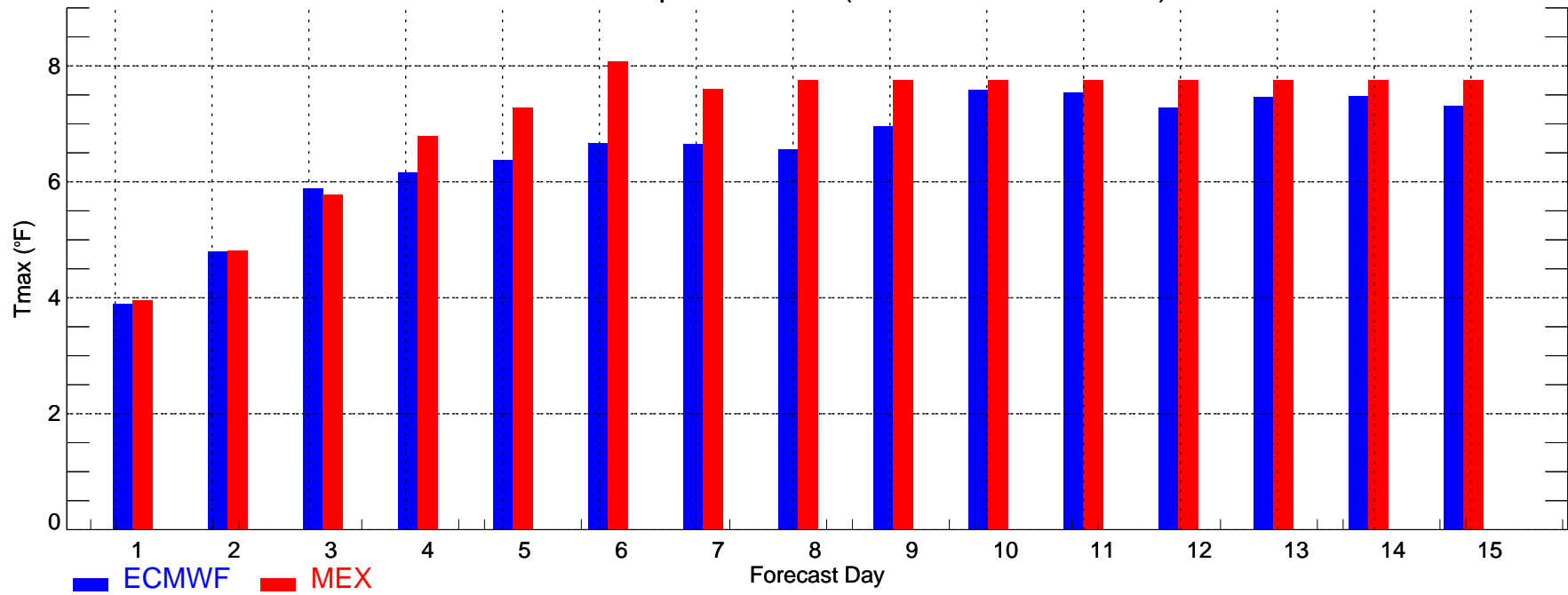
SEA: Max Temperature MAE (2008-06-01\_2008-06-30)



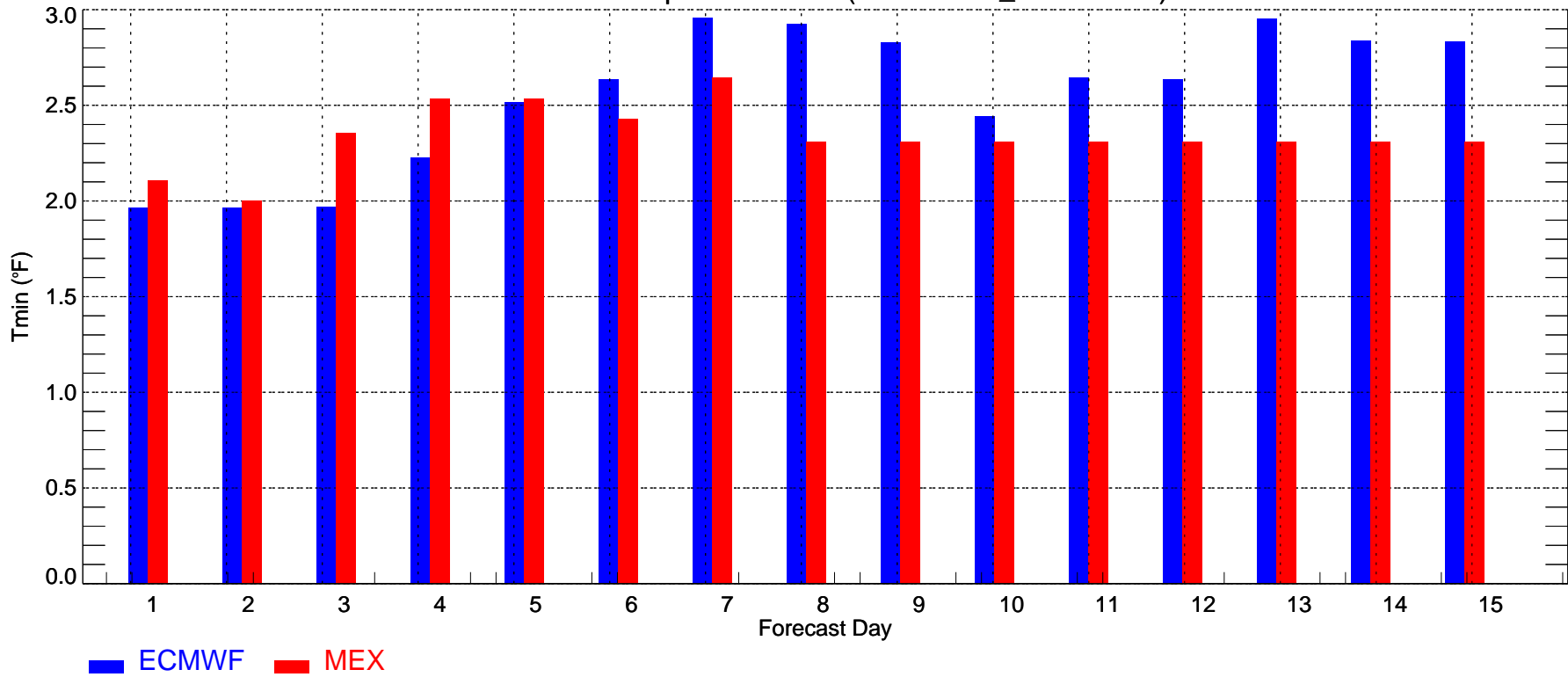
SEA: Min Temperature MAE (2008-06-01\_2008-06-30)



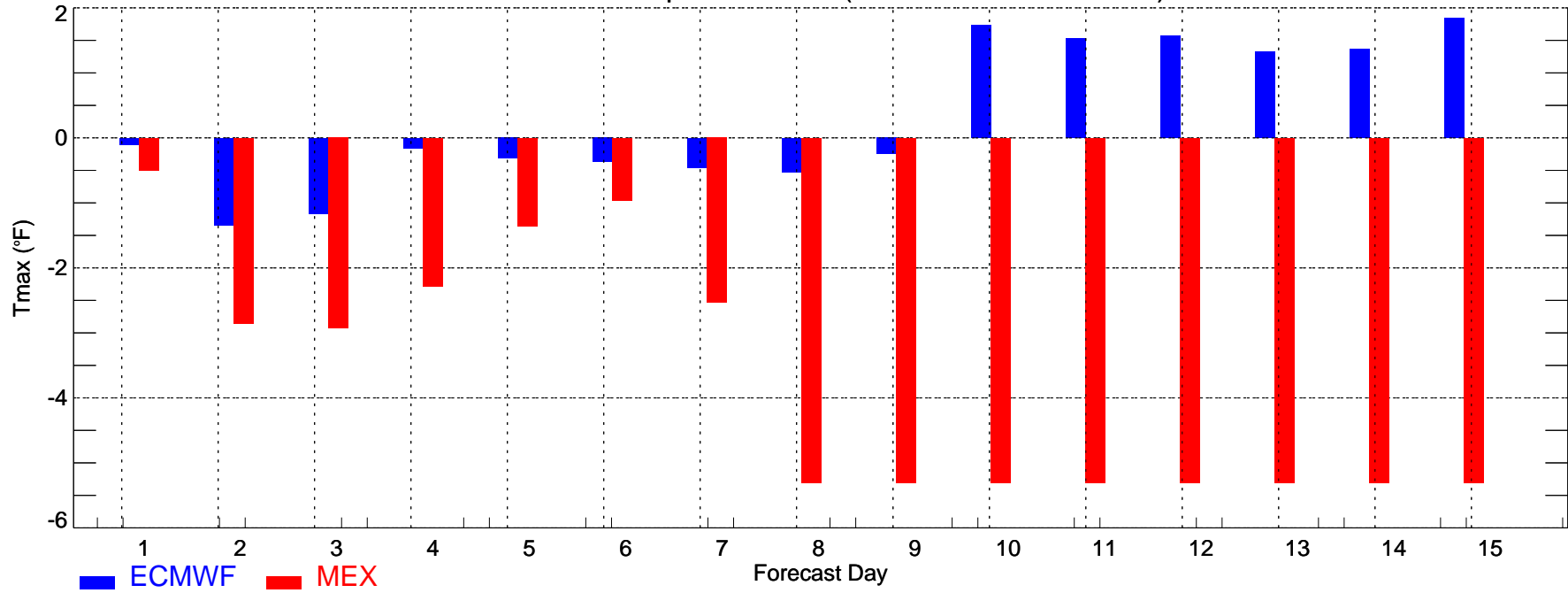
SFO: Max Temperature MAE (2008-06-01\_2008-06-30)



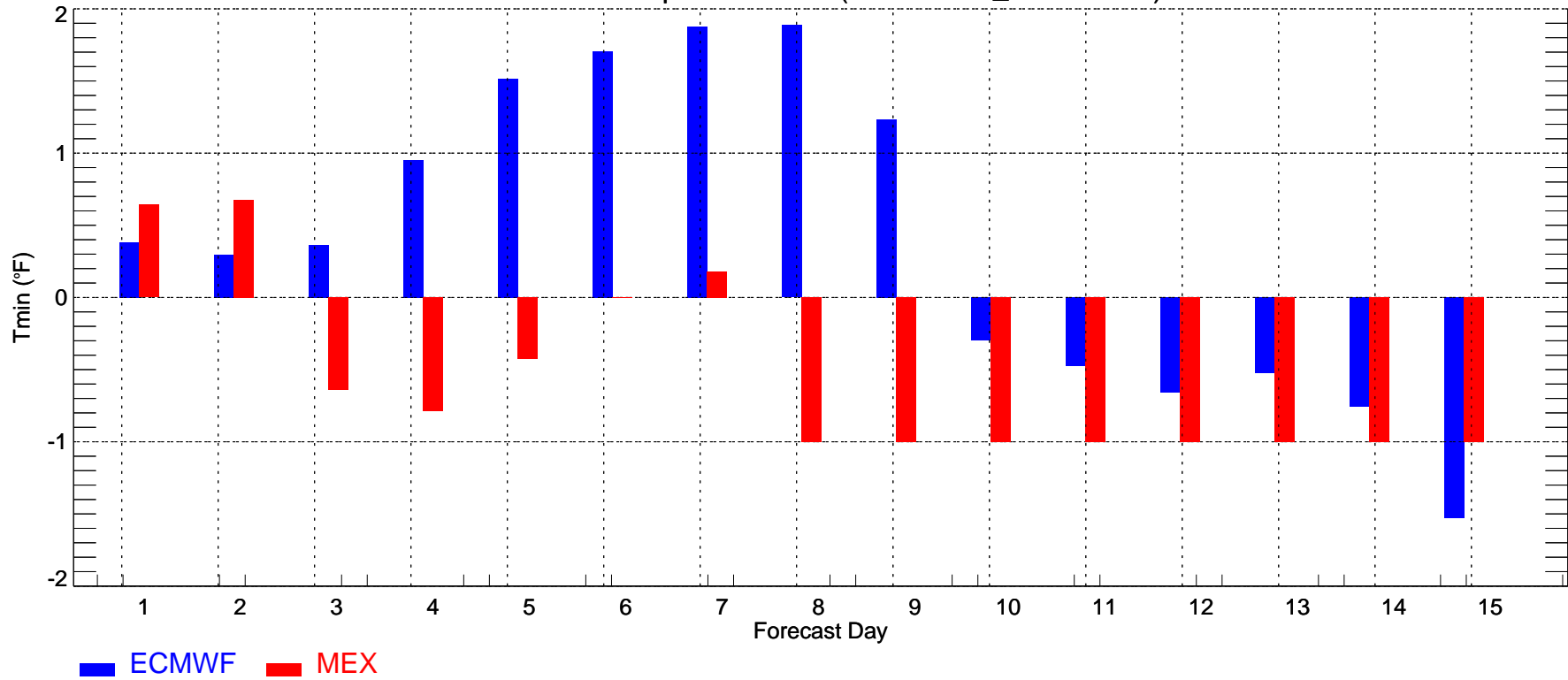
SFO: Min Temperature MAE (2008-06-01\_2008-06-30)



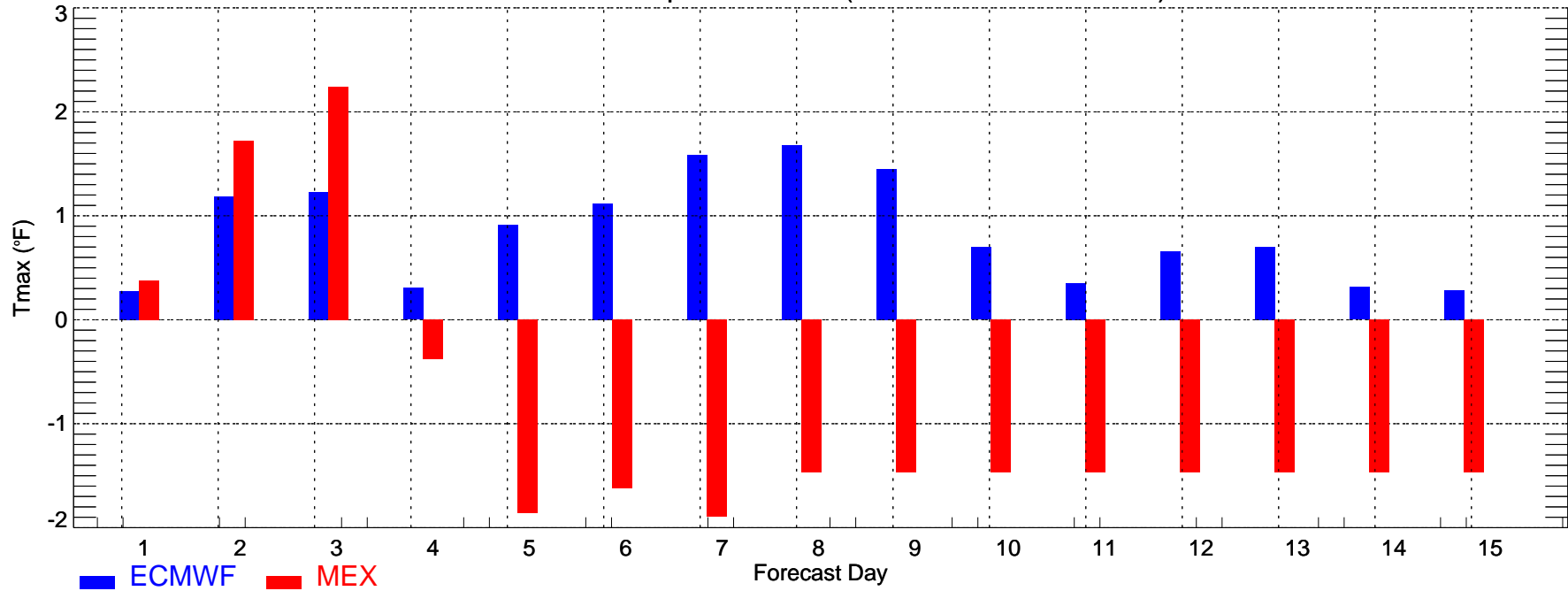
AUS: Max Temperature Bias (2008-06-01\_2008-06-30)



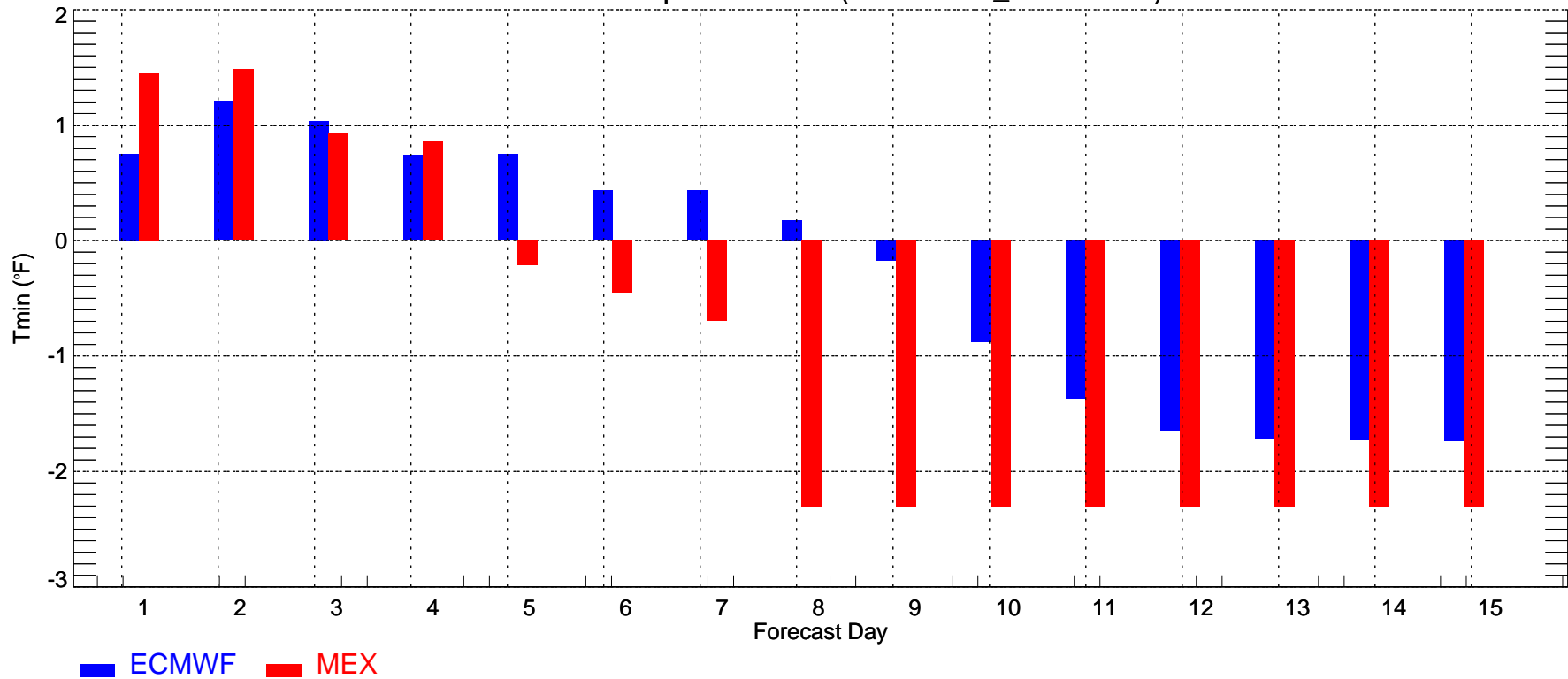
AUS: Min Temperature Bias (2008-06-01\_2008-06-30)



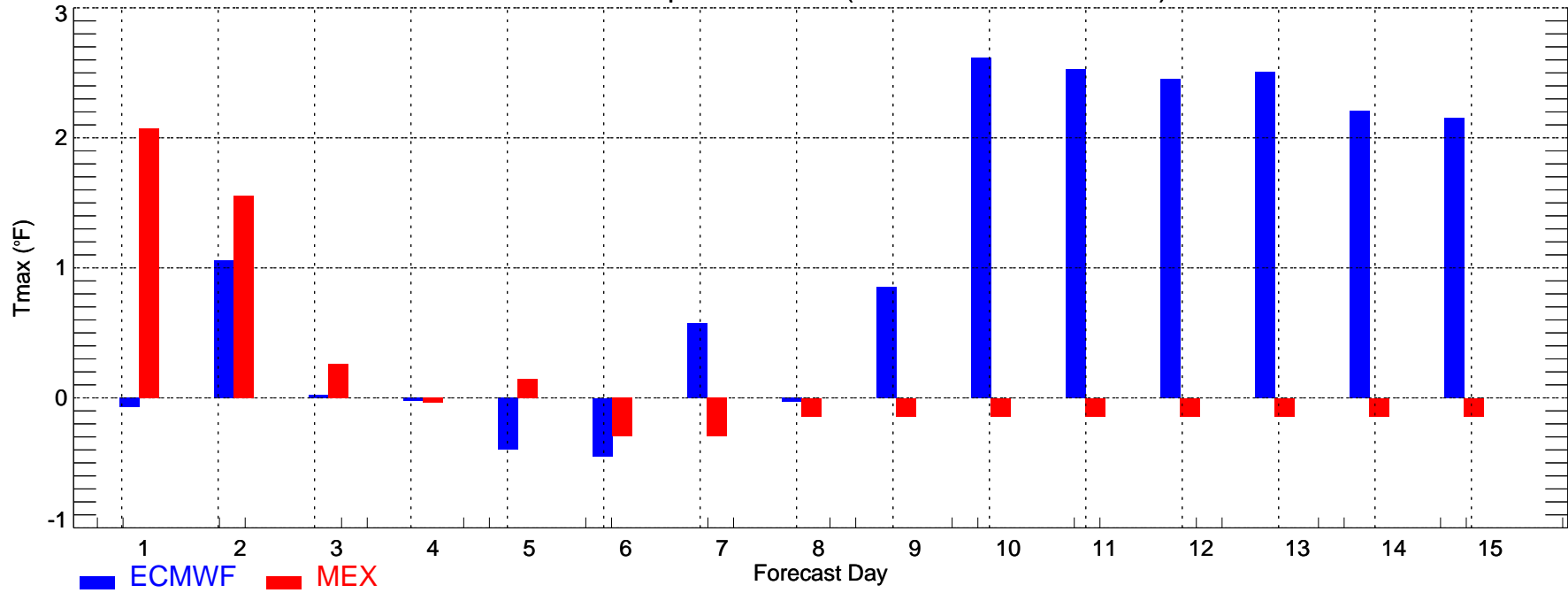
BOS: Max Temperature Bias (2008-06-01\_2008-06-30)



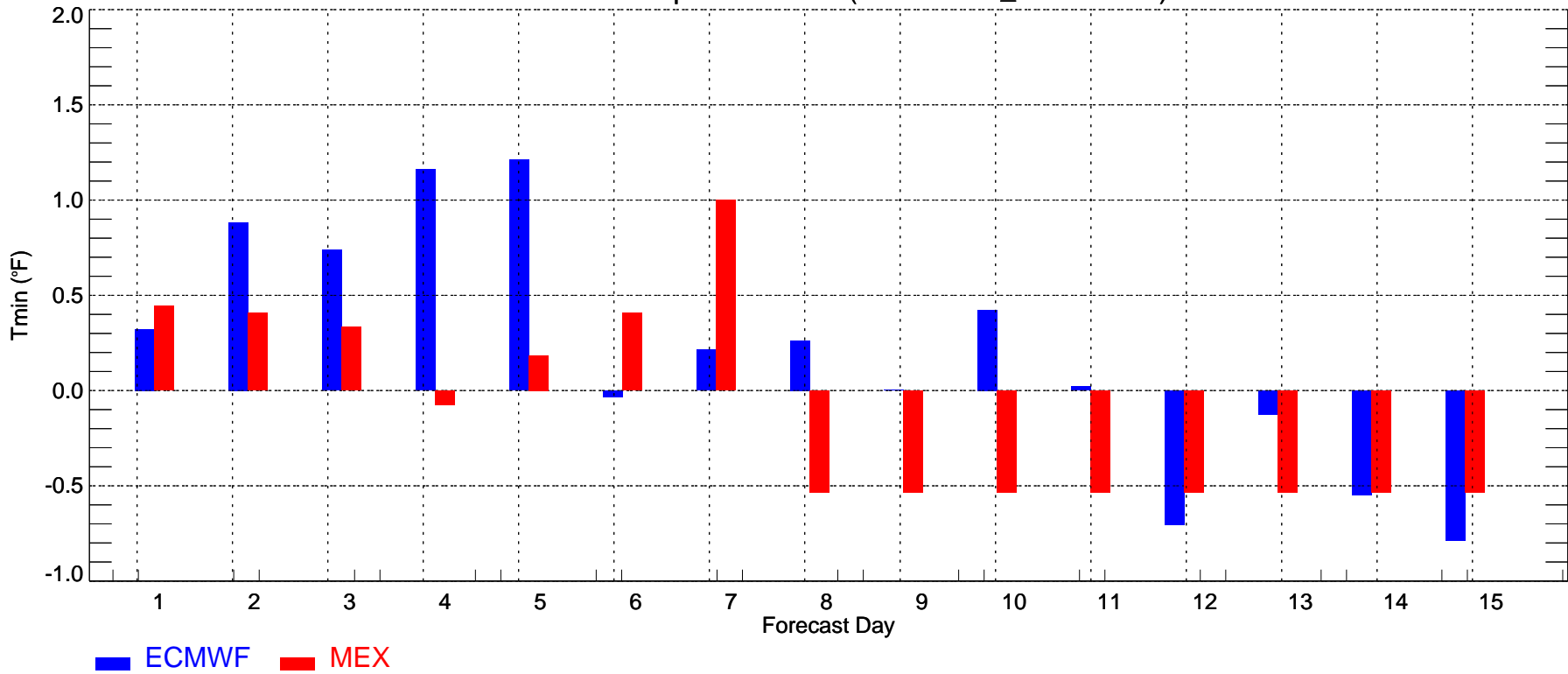
BOS: Min Temperature Bias (2008-06-01\_2008-06-30)



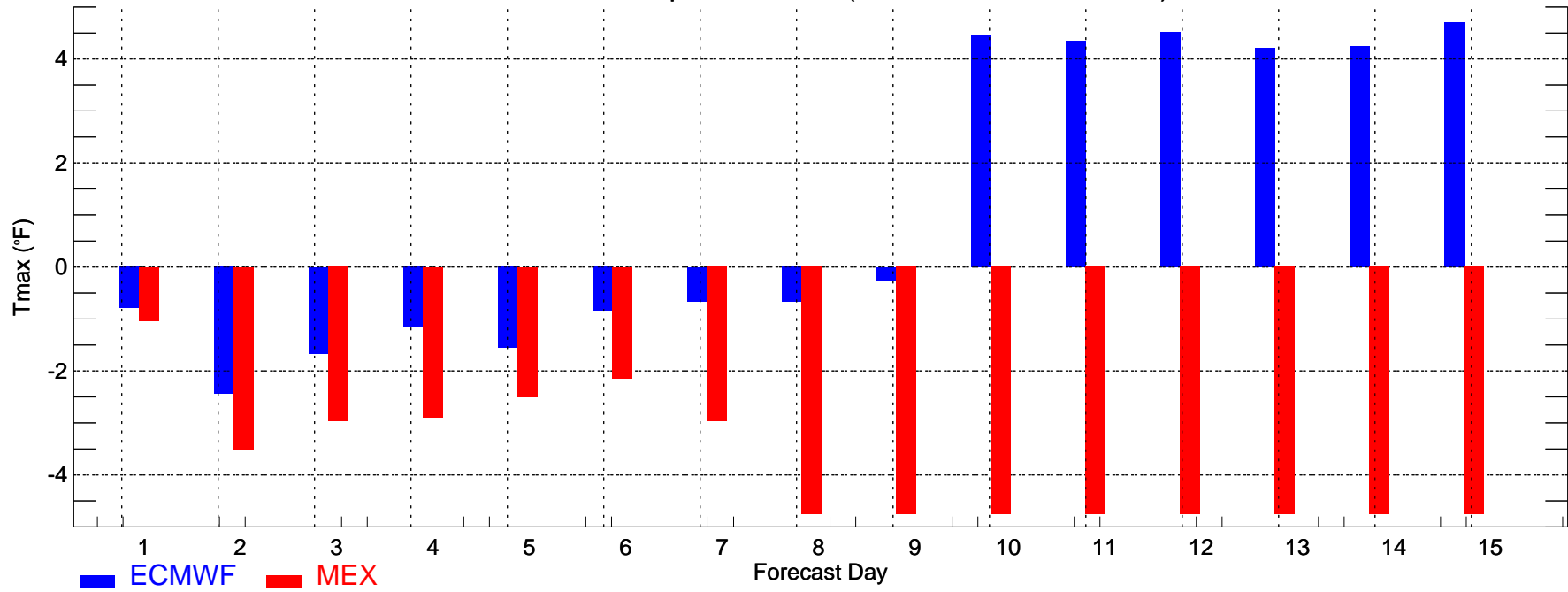
CVG: Max Temperature Bias (2008-06-01\_2008-06-30)



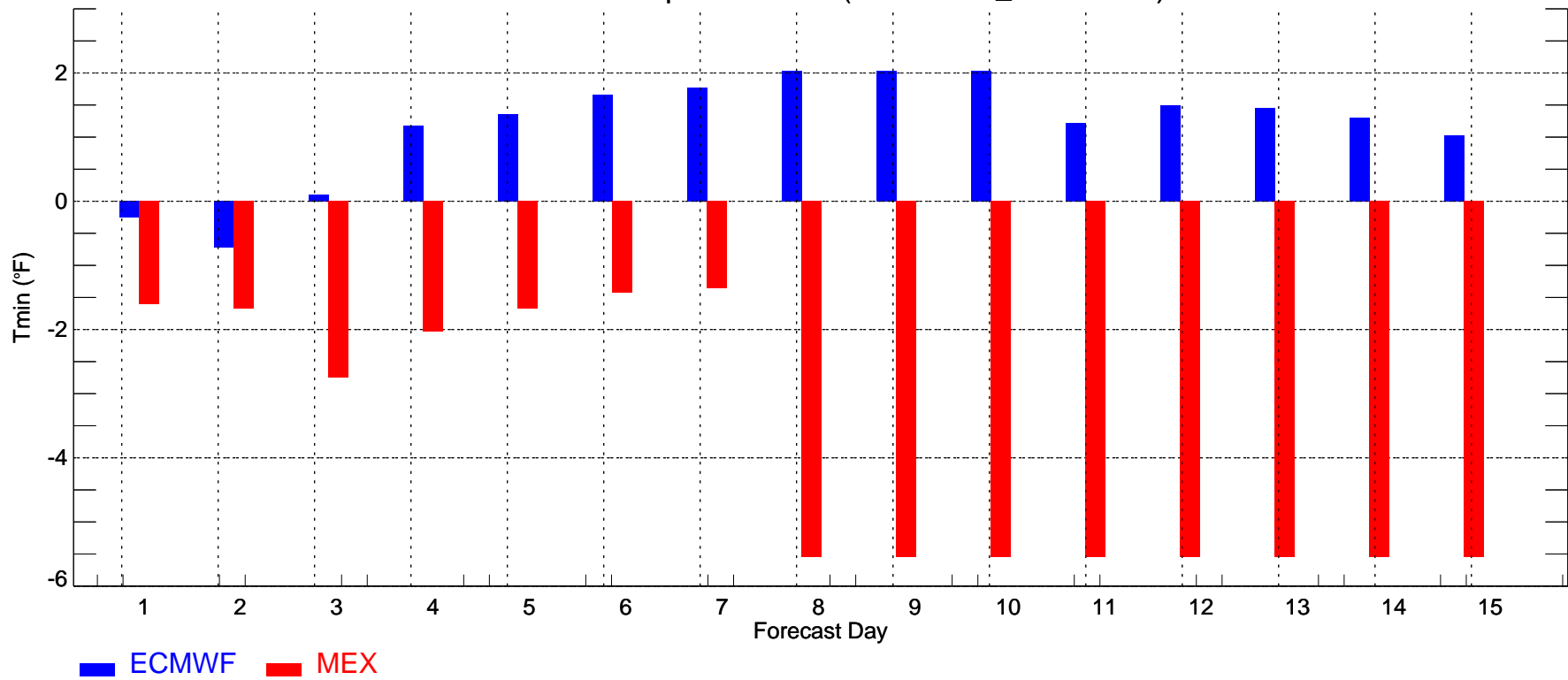
CVG: Min Temperature Bias (2008-06-01\_2008-06-30)



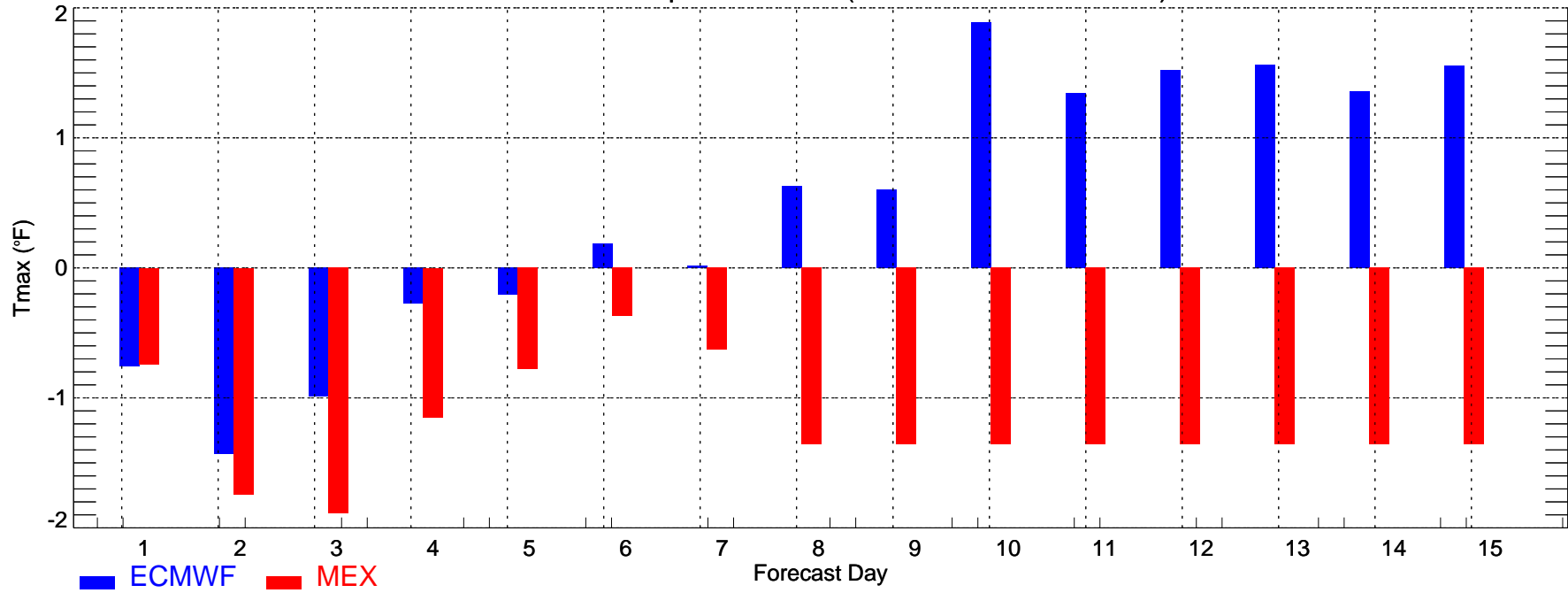
DFW: Max Temperature Bias (2008-06-01\_2008-06-30)



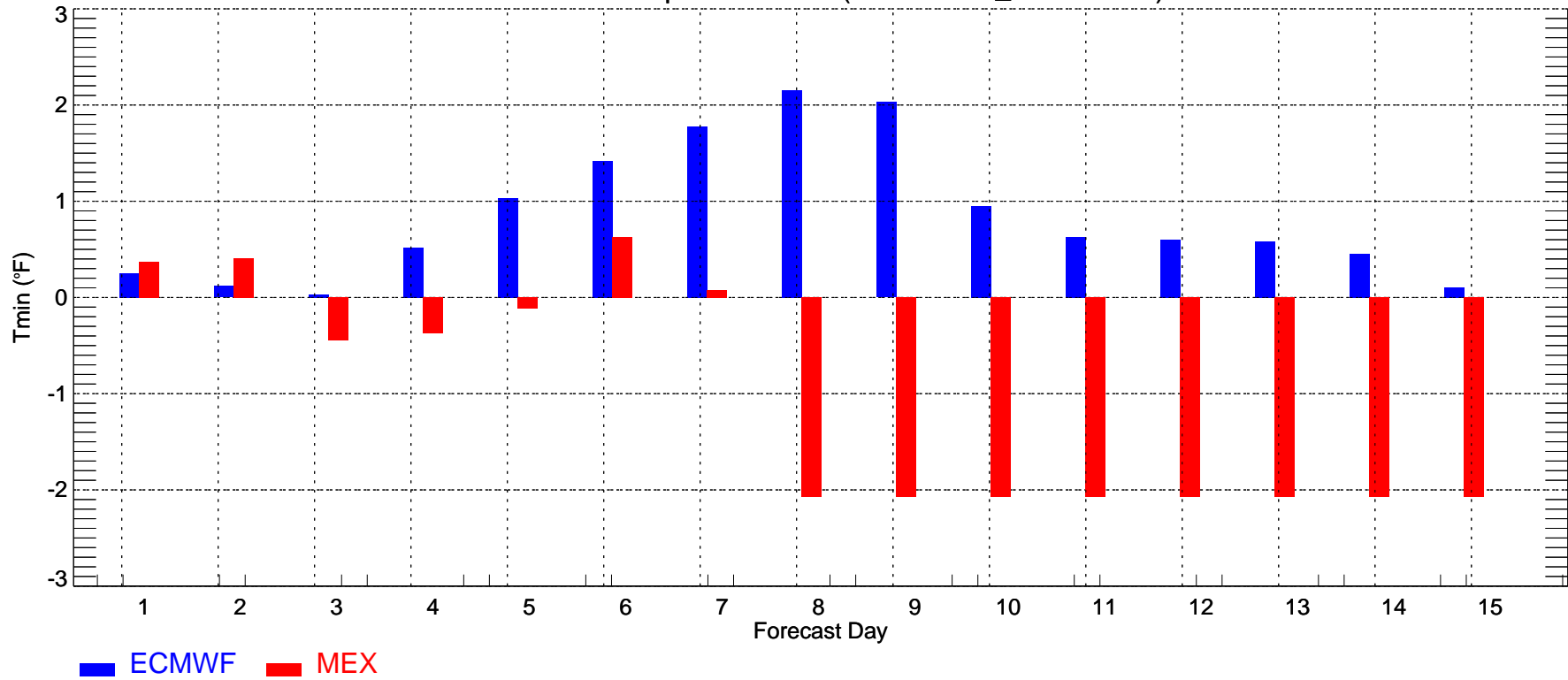
DFW: Min Temperature Bias (2008-06-01\_2008-06-30)



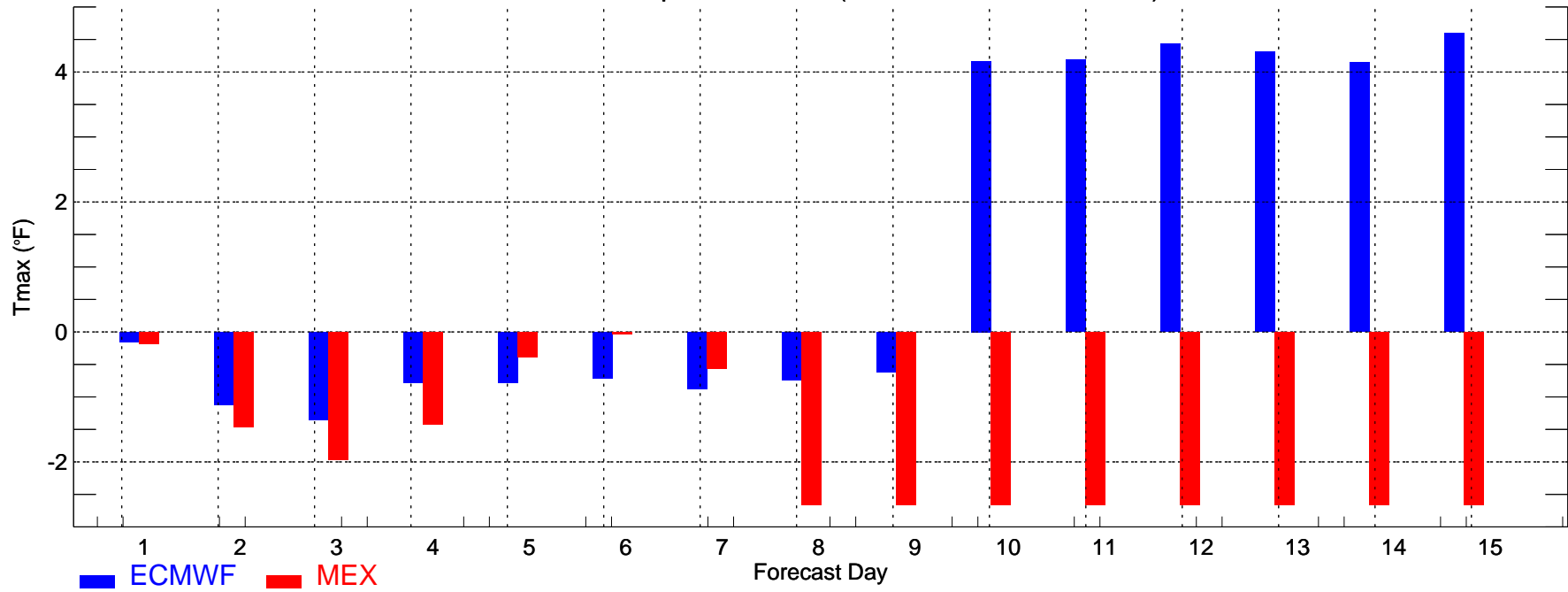
HOU: Max Temperature Bias (2008-06-01\_2008-06-30)



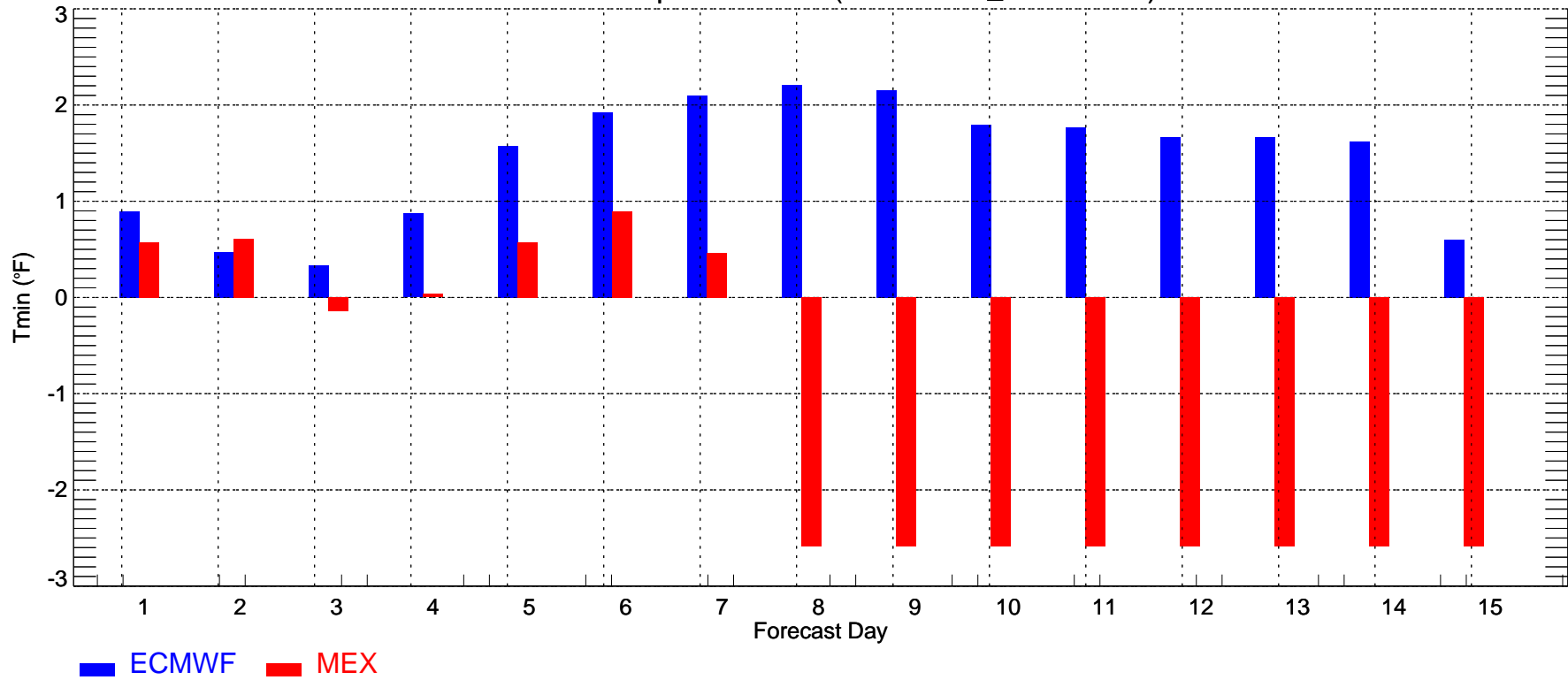
HOU: Min Temperature Bias (2008-06-01\_2008-06-30)



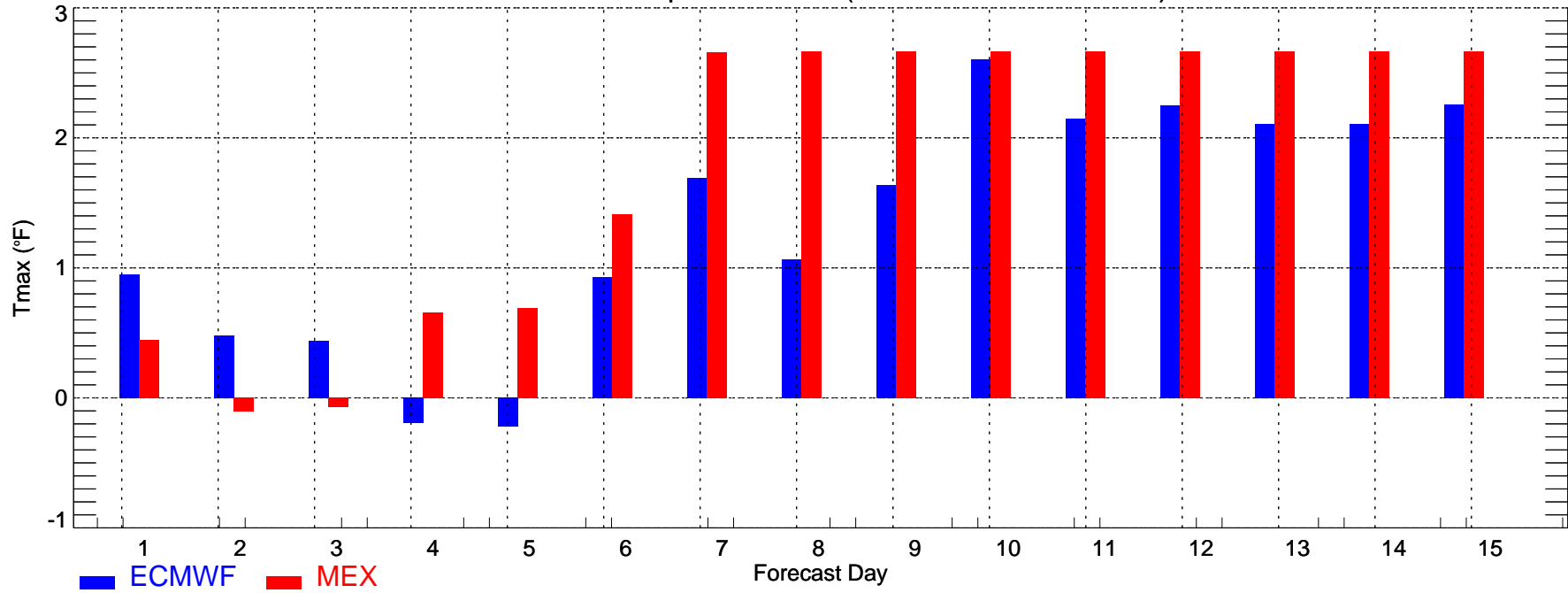
IAH: Max Temperature Bias (2008-06-01\_2008-06-30)



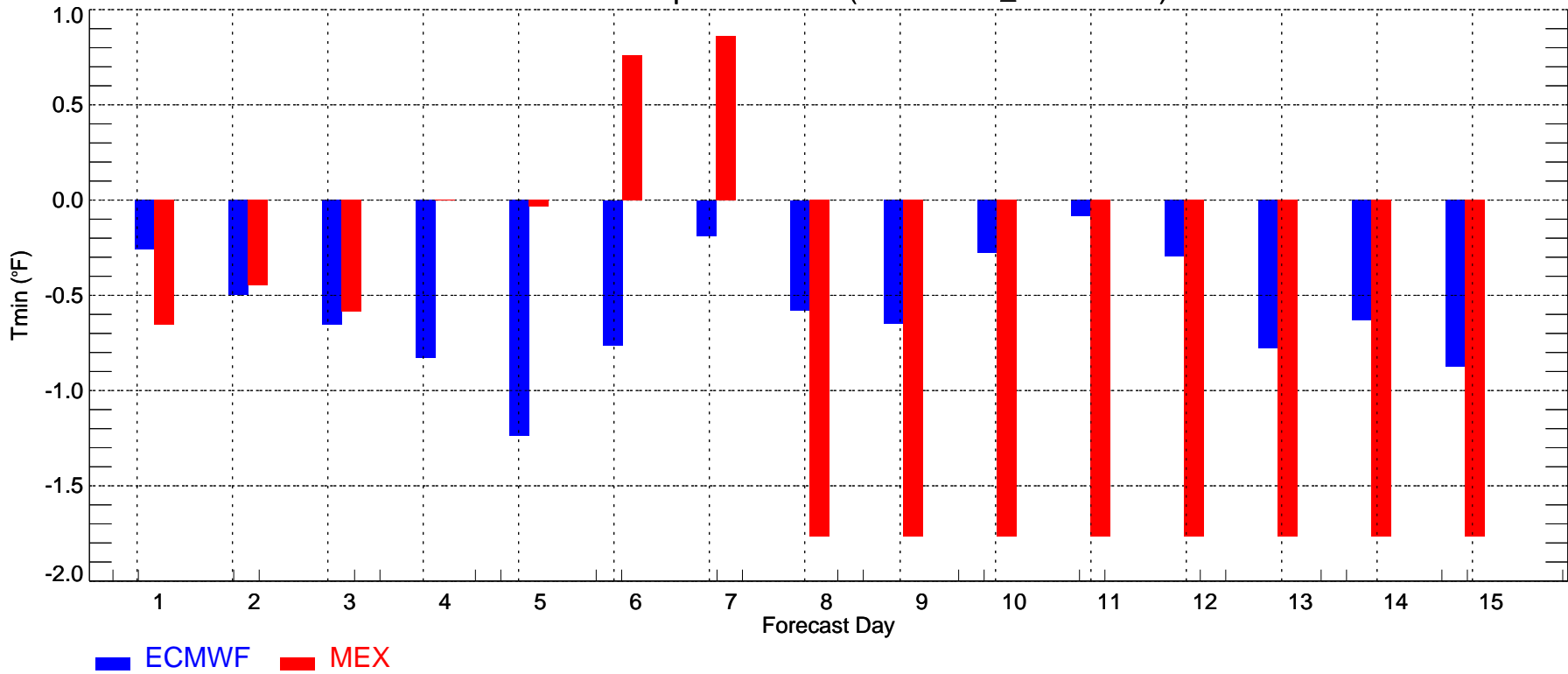
IAH: Min Temperature Bias (2008-06-01\_2008-06-30)



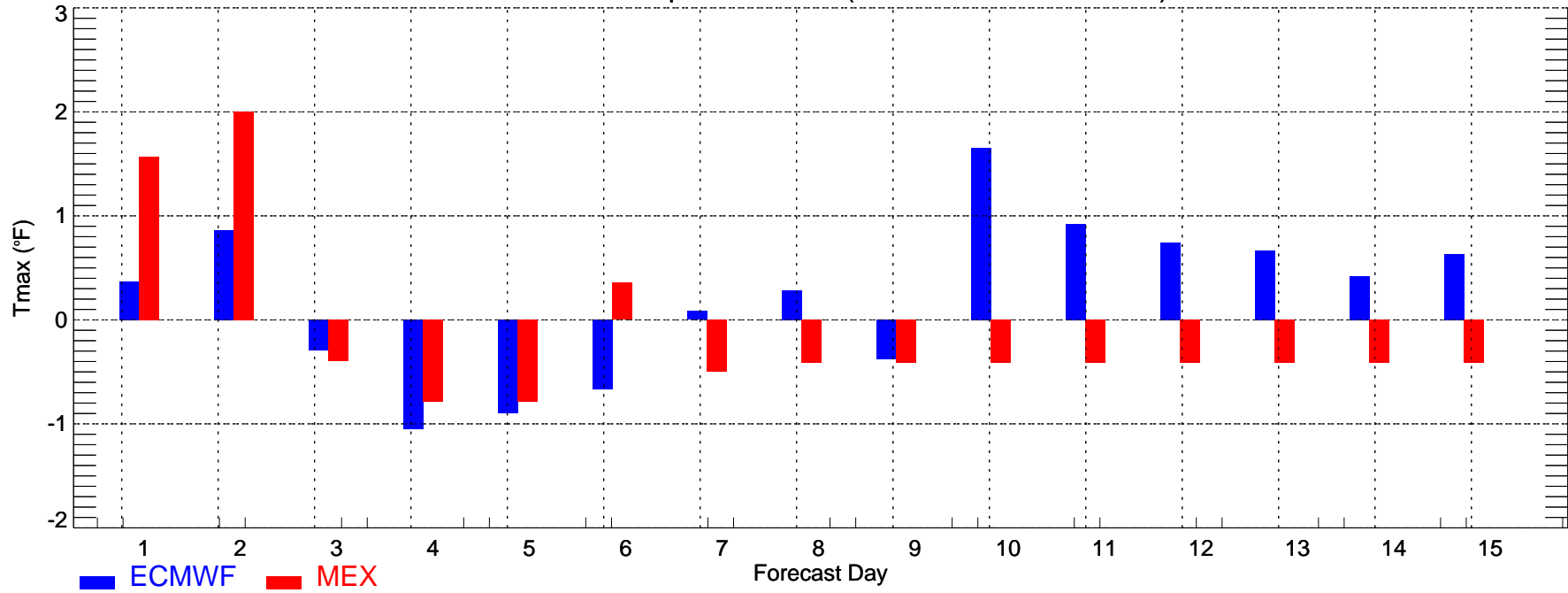
MSP: Max Temperature Bias (2008-06-01\_2008-06-30)



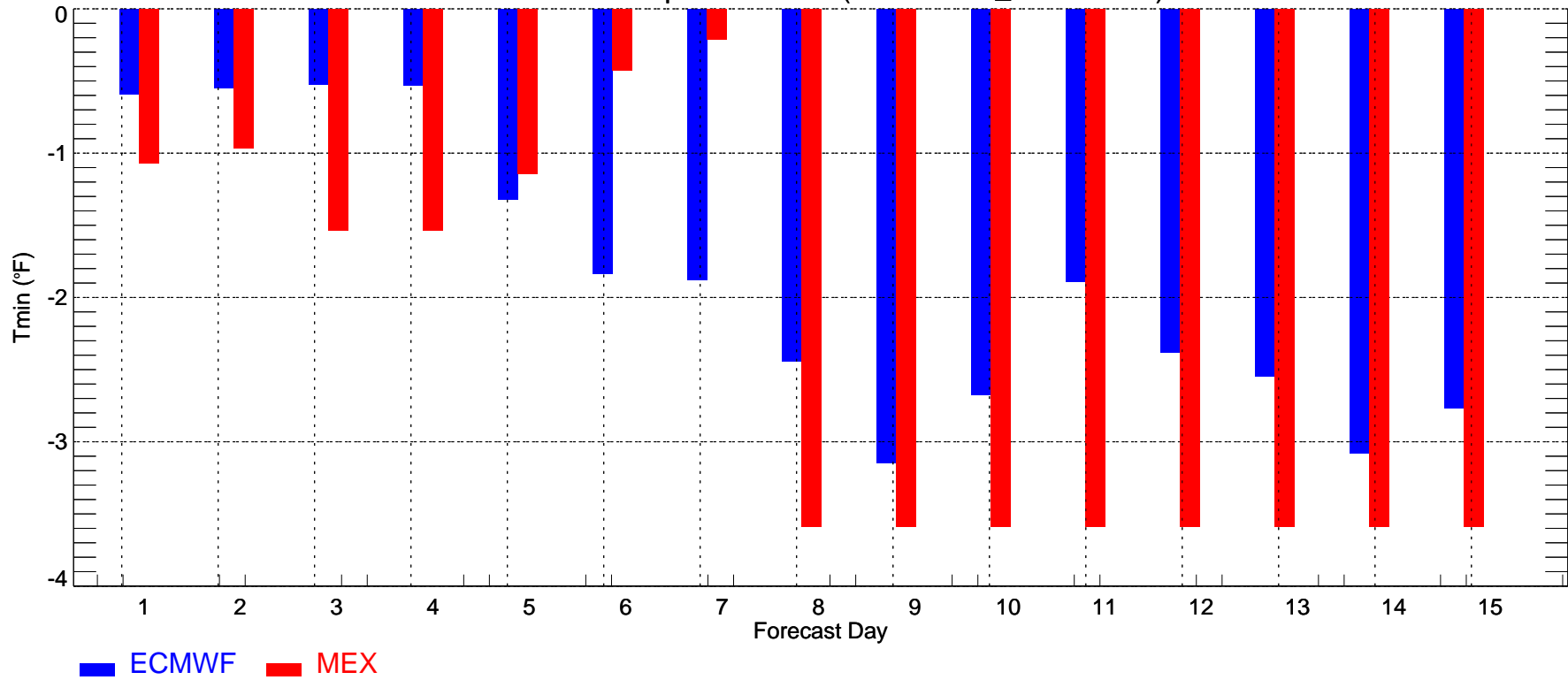
MSP: Min Temperature Bias (2008-06-01\_2008-06-30)



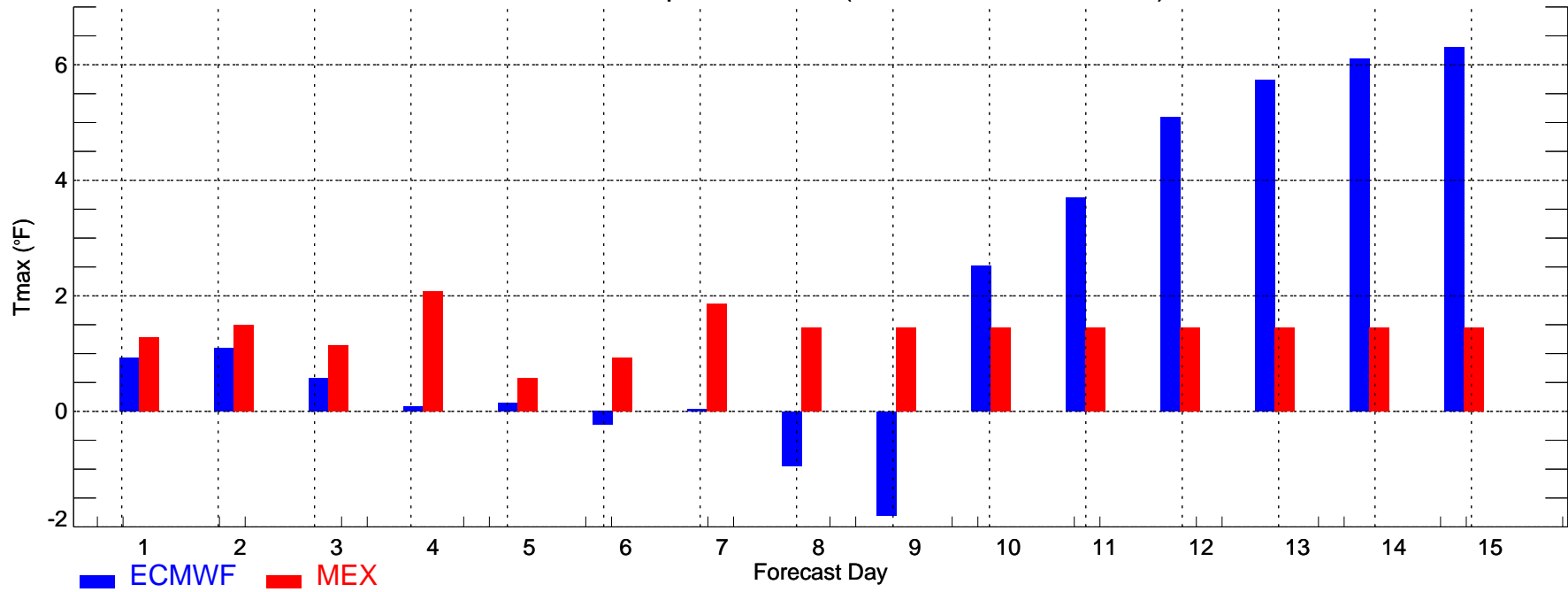
ORD: Max Temperature Bias (2008-06-01\_2008-06-30)



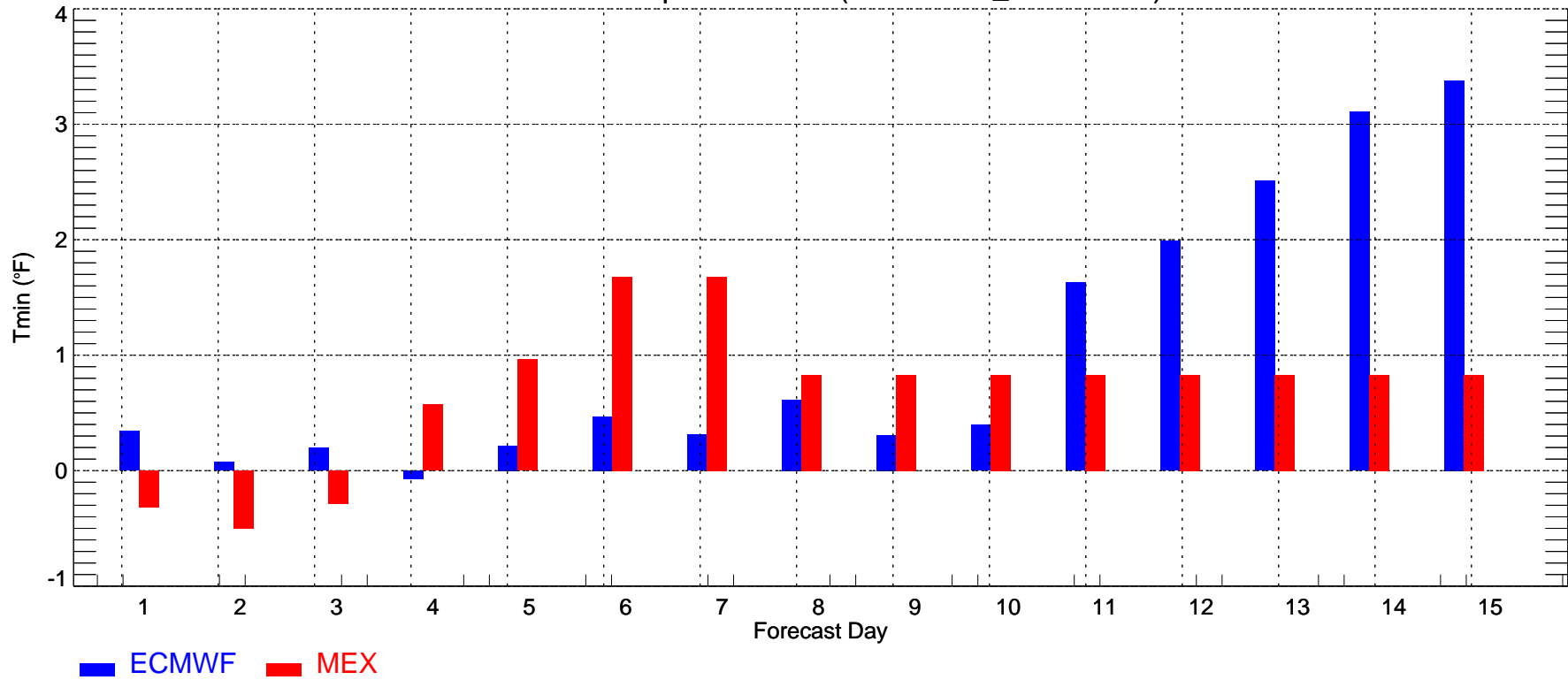
ORD: Min Temperature Bias (2008-06-01\_2008-06-30)



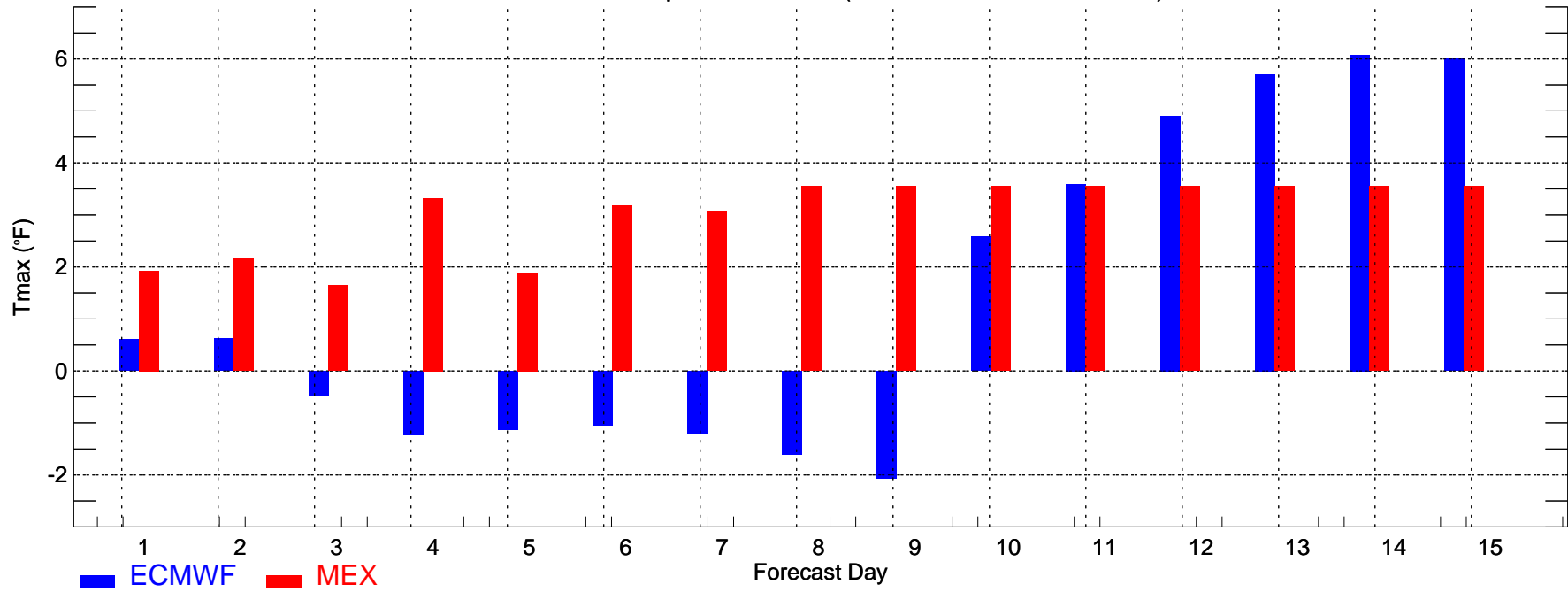
PDX: Max Temperature Bias (2008-06-01\_2008-06-30)



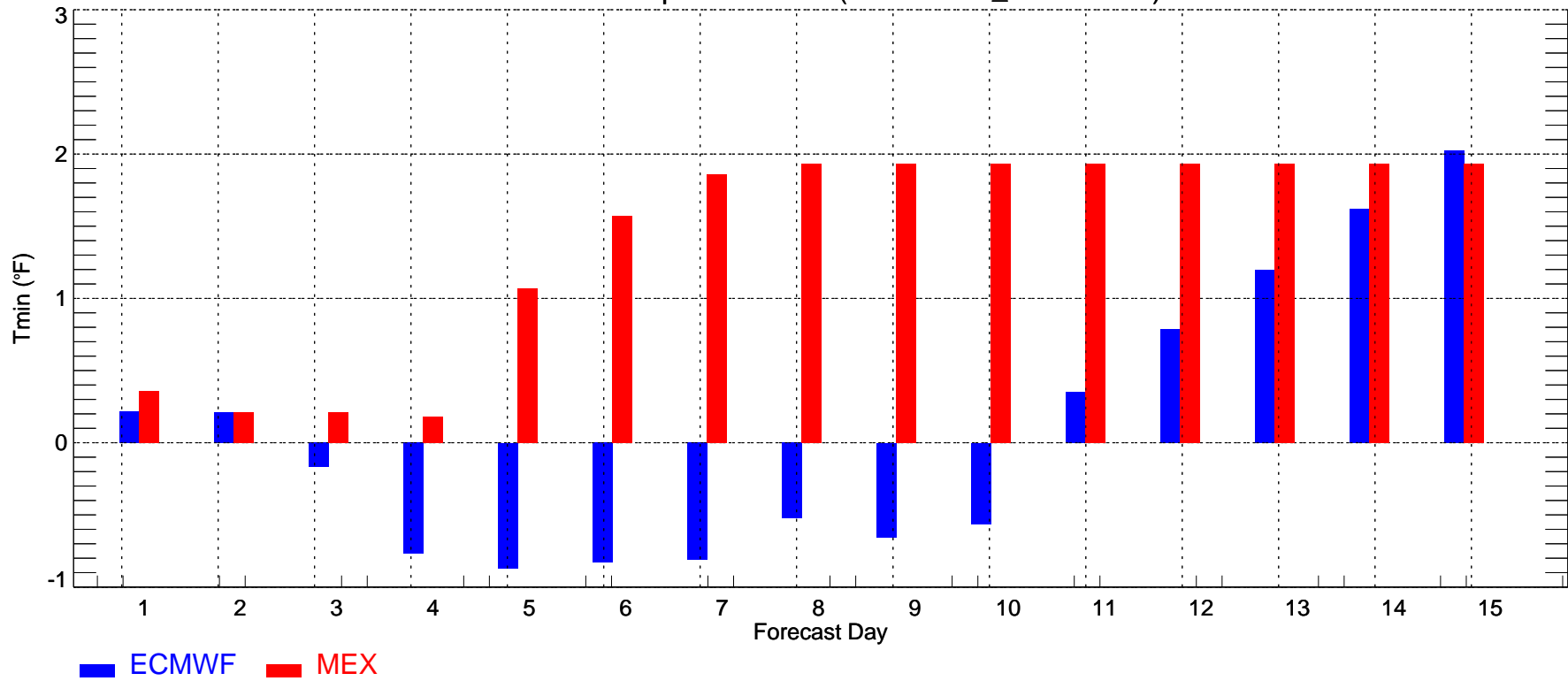
PDX: Min Temperature Bias (2008-06-01\_2008-06-30)



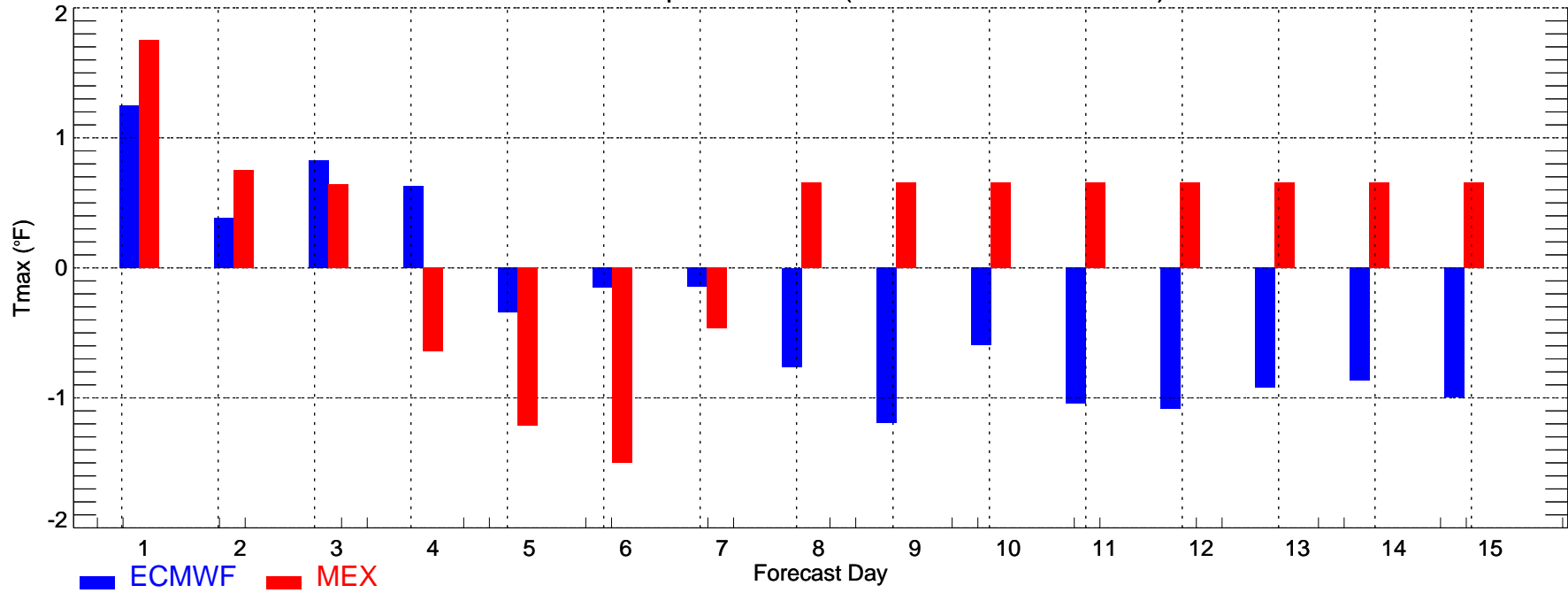
SEA: Max Temperature Bias (2008-06-01\_2008-06-30)



SEA: Min Temperature Bias (2008-06-01\_2008-06-30)



SFO: Max Temperature Bias (2008-06-01\_2008-06-30)



SFO: Min Temperature Bias (2008-06-01\_2008-06-30)

