# eCast Monthly All Stations Report for 2009-10-01 ~ 2009-10-31

November 4, 2009

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# ECMWF/MEX MAX Temperature Regional Summary

MAE (2009-10-01~2009-10-31)

| | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALL | 0.20 | 2.8/2.6 | 3.0/3.1 | 3.2/3.5 | 3.6/4.0 | 4.0/4.5 | 4.5/5.0 | 5.1/5.6 | 5.7/8.6 | 6.0/8.8 | 6.1/9.0 | 6.4/9.2 | 6.6/9.4 | 6.8/9.6 | 7.0/9.9 | 7.0/10.1 |

Bias (2009-10-01~2009-10-31)

| | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALL | 0.41 | 0.0/-0.0 | 0.1/0.3 | 0.1/0.9 | 0.2/1.3 | 0.2/1.6 | 0.3/1.5 | 0.4/1.6 | 0.4/6.3 | 0.3/6.7 | 0.2/7.0 | 0.6/7.4 | 0.7/7.7 | 0.8/8.1 | 1.0/8.4 | 1.0/8.7 |

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 - 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 Regional Summary

MAE (2009-10-01~2009-10-31)

| | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALL | 0.17 | 2.5/0.0 | 2.6/3.1 | 2.8/3.3 | 3.0/3.7 | 3.4/4.1 | 4.0/4.3 | 4.6/4.5 | 5.0/6.6 | 5.3/6.7 | 5.3/6.8 | 5.5/6.9 | 5.6/7.1 | 5.8/7.2 | 5.9/7.4 | 5.9/-- |

Bias (2009-10-01~2009-10-31)

| | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALL | -0.18 | -0.1/0.0 | -0.1/0.9 | -0.1/1.2 | -0.0/1.6 | -0.1/1.8 | -0.0/1.8 | 0.1/1.3 | -0.1/2.6 | -0.3/2.9 | -0.5/3.3 | -0.4/3.6 | -0.3/4.0 | -0.3/4.3 | -0.3/4.7 | 0.0/-- |

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

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

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

avg_bias: average of ECMWF-value

# ECMWF/MEX MAX Temperature in ALL

MAE (2009-10-01~2009-10-31)

| | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ABE | 0.25 | 2.3/2.7 | 2.7/3.6 | 2.9/3.1 | 3.6/4.3 | 3.7/4.7 | 4.1/5.4 | 4.4/5.7 | 4.8/7.4 | 5.0/7.6 | 5.1/7.9 | 5.6/8.1 | 5.9/8.3 | 6.1/8.6 | 6.7/8.7 | 6.2/9.1 |
| ABI | 0.24 | 2.5/3.3 | 3.5/3.5 | 4.6/5.5 | 4.7/7.1 | 5.5/6.8 | 6.4/6.8 | 6.7/7.6 | 6.7/9.4 | 7.2/9.6 | 6.9/9.8 | 7.2/10.1 | 7.2/10.3 | 7.0/10.5 | 7.0/10.8 | 7.0/11.0 |
| ABQ | 0.20 | 1.8/2.3 | 2.1/2.2 | 2.5/3.1 | 3.2/3.3 | 3.7/4.2 | 3.8/5.1 | 4.9/5.1 | 5.8/7.7 | 6.5/7.9 | 6.2/8.2 | 6.1/8.5 | 6.0/8.6 | 6.5/8.8 | 6.5/9.2 | 6.5/9.4 |
| ABY | 0.11 | 3.1/3.5 | 3.3/3.8 | 3.5/3.8 | 3.6/4.1 | 4.2/3.9 | 4.6/5.1 | 4.3/5.5 | 4.7/6.5 | 5.6/6.5 | 5.5/6.5 | 5.7/6.6 | 6.2/6.6 | 6.1/6.7 | 6.3/6.8 | 6.5/6.9 |
| ACT | 0.27 | 2.9/3.4 | 4.1/3.9 | 4.9/5.6 | 5.0/5.9 | 4.5/5.7 | 5.0/6.7 | 5.3/6.9 | 5.3/8.8 | 5.8/9.0 | 5.9/9.3 | 6.2/9.5 | 6.6/9.7 | 6.3/9.9 | 6.5/10.1 | 6.2/10.4 |
| ACY | 0.07 | 2.3/2.2 | 2.7/2.7 | 2.8/2.2 | 3.5/3.2 | 4.3/3.9 | 4.5/4.5 | 5.1/5.4 | 5.3/7.2 | 5.6/7.3 | 5.9/7.4 | 6.1/7.5 | 6.5/7.8 | 6.6/7.8 | 7.1/8.0 | 7.0/8.2 |
| ALB | 0.29 | 2.9/2.3 | 2.8/3.7 | 3.0/4.0 | 3.3/3.8 | 3.6/4.7 | 4.0/4.3 | 4.1/4.4 | 4.1/8.2 | 4.8/8.4 | 4.8/8.7 | 5.1/8.9 | 5.1/9.1 | 5.3/9.5 | 5.4/9.8 | 5.7/10.1 |
| ALW | 0.25 | 3.2/3.5 | 3.4/3.4 | 3.3/3.8 | 3.4/4.1 | 4.1/4.7 | 5.3/6.3 | 5.8/7.0 | 6.3/10.8 | 6.6/11.1 | 6.6/11.4 | 7.1/11.8 | 7.9/12.2 | 8.5/12.6 | 8.7/13.0 | 9.6/13.5 |
| AOO | 0.13 | 3.1/2.8 | 3.8/3.8 | 4.0/4.3 | 5.4/4.5 | 4.9/4.7 | 5.5/5.1 | 5.7/6.6 | 6.6/9.3 | 6.7/9.5 | 6.9/9.7 | 7.4/9.8 | 7.4/10.1 | 7.4/10.3 | 7.4/10.5 | 7.4/10.7 |
| APN | 0.32 | 2.0/2.6 | 2.3/3.4 | 2.6/3.7 | 2.9/3.1 | 3.0/4.1 | 2.6/3.4 | 3.8/5.4 | 5.6/7.9 | 5.8/8.2 | 5.5/8.5 | 5.6/8.8 | 5.3/9.2 | 5.3/9.5 | 5.1/9.8 | 5.5/10.2 |
| ATL | 0.18 | 3.5/2.3 | 3.4/3.4 | 3.5/3.0 | 3.6/3.6 | 4.0/4.7 | 4.3/5.0 | 4.7/5.5 | 4.6/6.8 | 4.5/7.0 | 4.5/7.2 | 4.8/7.5 | 4.7/7.7 | 5.0/8.0 | 5.3/8.3 | 5.4/8.5 |
| AUG | 0.29 | 3.7/2.5 | 3.8/3.1 | 3.6/3.8 | 3.3/3.4 | 3.6/4.6 | 4.0/5.1 | 4.1/5.6 | 4.2/9.3 | 4.5/9.6 | 4.7/10.0 | 5.3/10.4 | 5.3/10.7 | 5.1/11.0 | 4.9/11.4 | 5.5/11.7 |
| AUS | 0.19 | 3.7/3.3 | 3.6/4.5 | 4.1/5.7 | 4.2/4.8 | 4.1/5.3 | 4.8/5.9 | 5.4/6.0 | 5.9/7.7 | 6.4/7.8 | 6.2/8.0 | 6.1/8.2 | 6.7/8.3 | 6.3/8.4 | 6.7/8.7 | 6.1/8.7 |
| AVP | 0.31 | 2.5/2.9 | 2.8/3.2 | 3.2/4.1 | 3.7/5.0 | 3.8/5.5 | 4.0/5.7 | 4.7/5.5 | 5.1/8.9 | 5.4/9.2 | 5.4/9.3 | 5.8/9.6 | 6.2/9.8 | 6.3/10.0 | 6.7/10.4 | 6.6/10.5 |
| BDL | 0.24 | 3.2/2.9 | 3.5/3.6 | 3.5/4.3 | 4.0/4.9 | 4.0/5.8 | 4.4/4.8 | 4.2/4.6 | 5.0/8.0 | 5.1/8.2 | 5.4/8.5 | 5.8/8.7 | 6.0/8.9 | 6.0/9.2 | 6.5/9.5 | 6.5/9.9 |
| BFL | 0.31 | 2.5/2.3 | 2.7/3.9 | 2.4/3.4 | 2.3/3.5 | 2.7/4.2 | 3.5/4.7 | 3.9/4.7 | 4.3/6.9 | 3.8/7.1 | 4.3/7.4 | 4.7/7.6 | 5.2/7.9 | 5.4/8.1 | 5.7/8.5 | 5.9/8.8 |
| BGM | 0.21 | 2.5/2.7 | 2.9/2.8 | 3.2/3.7 | 4.0/4.5 | 3.8/4.7 | 4.1/5.0 | 4.8/5.0 | 5.4/8.1 | 5.7/8.2 | 5.8/8.5 | 6.1/8.6 | 6.4/8.9 | 6.5/9.1 | 6.7/9.4 | 6.4/9.6 |
| BHM | 0.14 | 3.9/2.7 | 3.8/3.0 | 3.9/3.5 | 4.2/4.8 | 4.3/5.8 | 5.0/5.7 | 5.3/5.8 | 5.8/8.2 | 6.2/8.4 | 6.3/8.5 | 6.5/8.7 | 5.9/9.0 | 6.3/9.2 | 6.8/9.4 | 6.6/9.6 |
| BIS | 0.29 | 2.8/3.0 | 3.5/4.3 | 4.0/5.0 | 4.3/5.4 | 5.4/6.2 | 5.9/7.9 | 7.2/7.9 | 8.9/16.6 | 10.2/17.0 | 10.4/17.5 | 9.8/17.9 | 10.6/18.4 | 11.5/18.7 | 12.0/19.2 | 12.2/19.5 |
| BNA | 0.23 | 2.8/3.1 | 3.3/3.9 | 3.8/4.6 | 4.4/5.3 | 5.1/6.1 | 6.1/6.7 | 6.8/7.3 | 7.0/9.2 | 6.6/9.4 | 6.6/9.8 | 7.3/9.9 | 6.7/10.2 | 7.1/10.5 | 7.0/10.7 | 6.7/11.0 |
| BOI | 0.31 | 2.2/3.2 | 2.5/3.4 | 3.1/4.5 | 3.5/4.4 | 3.6/5.3 | 5.0/6.6 | 6.0/7.8 | 7.1/10.7 | 7.0/11.1 | 6.4/11.5 | 6.9/11.8 | 8.1/12.1 | 8.9/12.4 | 9.0/12.8 | 10.0/13.1 |
| BOS | 0.26 | 2.3/2.5 | 2.6/3.0 | 2.7/3.3 | 3.4/3.9 | 4.2/4.8 | 4.0/4.6 | 3.9/4.2 | 4.4/7.8 | 4.5/8.0 | 4.6/8.2 | 5.4/8.4 | 5.6/8.6 | 5.6/8.8 | 6.0/9.1 | 6.1/9.3 |
| BRO | 0.10 | 1.4/2.9 | 2.3/2.8 | 1.7/3.4 | 2.0/3.1 | 2.5/2.7 | 3.2/3.2 | 3.4/2.6 | 3.5/3.7 | 3.3/3.7 | 3.4/3.7 | 3.4/3.6 | 3.5/3.5 | 3.8/3.5 | 3.7/3.5 | 3.7/3.4 |
| BTV | 0.38 | 2.4/2.8 | 2.4/3.1 | 2.5/3.1 | 2.5/4.0 | 3.0/4.2 | 3.2/4.4 | 2.9/4.8 | 3.4/7.6 | 4.6/8.0 | 4.1/8.3 | 4.7/8.6 | 5.1/9.0 | 4.8/9.3 | 4.8/9.6 | 5.3/9.9 |
| BUF | 0.27 | 2.4/2.3 | 2.4/2.9 | 2.4/3.6 | 3.4/4.5 | 3.5/4.9 | 3.3/3.6 | 3.9/5.1 | 5.4/8.3 | 6.0/8.5 | 5.6/8.7 | 6.1/8.9 | 6.0/9.2 | 6.0/9.4 | 6.4/9.5 | 6.3/9.8 |
| BUR | 0.19 | 2.3/2.5 | 2.1/3.5 | 2.3/2.9 | 3.1/3.5 | 3.9/4.6 | 4.7/5.6 | 6.1/6.8 | 6.8/9.8 | 7.1/9.9 | 7.3/9.9 | 7.9/9.9 | 8.2/10.0 | 8.8/10.0 | 9.2/10.2 | 9.1/10.2 |
| BWI | 0.08 | 2.8/2.7 | 3.1/2.3 | 3.4/3.0 | 4.1/3.8 | 4.6/3.9 | 5.3/5.4 | 5.7/6.5 | 6.1/8.5 | 6.2/8.7 | 6.5/8.7 | 6.8/8.9 | 7.1/9.2 | 7.4/9.4 | 7.9/9.6 | 7.7/9.9 |
| CAE | 0.20 | 2.4/3.0 | 2.8/3.2 | 2.9/3.4 | 3.3/4.4 | 3.6/5.0 | 4.1/4.9 | 4.6/5.6 | 5.0/7.7 | 5.3/7.9 | 6.2/7.8 | 6.5/8.0 | 6.8/8.2 | 6.9/8.2 | 7.4/8.3 | 7.5/8.6 |
| CHA | 0.27 | 3.3/2.8 | 3.2/4.0 | 3.5/3.9 | 3.8/4.8 | 4.0/5.2 | 4.6/5.6 | 5.0/5.8 | 4.9/7.3 | 5.0/7.5 | 5.1/7.9 | 4.9/8.3 | 5.0/8.5 | 5.1/8.8 | 5.3/9.1 | 5.1/9.4 |
| CLE | 0.21 | 2.2/3.1 | 2.7/3.2 | 3.0/4.0 | 3.5/4.6 | 3.9/4.9 | 4.1/4.4 | 5.2/6.4 | 6.3/8.5 | 6.6/8.7 | 7.0/8.9 | 7.2/9.1 | 7.1/9.2 | 7.6/9.4 | 7.3/9.5 | 7.5/9.7 |
| CLT | 0.17 | 3.9/3.3 | 4.4/4.2 | 4.0/4.3 | 4.3/5.7 | 4.0/4.5 | 4.0/5.5 | 5.2/5.6 | 5.4/8.1 | 5.2/8.3 | 6.2/8.2 | 6.3/8.4 | 6.6/8.6 | 7.0/8.5 | 7.3/8.8 | 7.2/8.9 |
| CMH | 0.30 | 2.2/2.7 | 2.6/3.6 | 2.9/3.8 | 3.3/4.4 | 4.1/4.6 | 3.6/4.6 | 5.0/6.1 | 5.8/9.6 | 6.2/9.8 | 6.4/10.1 | 6.5/10.4 | 6.8/10.6 | 6.8/10.9 | 7.1/11.1 | 6.9/11.5 |
| CON | 0.24 | 3.9/3.3 | 4.0/3.7 | 3.9/4.1 | 3.9/4.0 | 4.5/5.2 | 4.5/4.7 | 4.6/4.9 | 4.7/8.5 | 4.5/8.7 | 5.1/8.9 | 5.5/9.2 | 5.4/9.5 | 5.3/9.8 | 5.2/10.1 | 5.5/10.4 |
| COS | 0.11 | 5.9/4.4 | 6.9/4.5 | 7.1/5.3 | 6.4/5.7 | 6.1/7.0 | 6.8/8.4 | 7.6/9.8 | 8.9/13.7 | 9.2/13.9 | 9.9/14.1 | 10.1/14.4 | 9.9/14.5 | 10.2/14.6 | 10.1/14.7 | 11.0/15.0 |
| COU | 0.33 | 3.7/4.0 | 3.5/4.3 | 4.1/5.1 | 4.9/5.6 | 4.8/5.7 | 5.2/6.9 | 5.8/7.4 | 6.3/12.8 | 6.5/13.0 | 6.7/13.4 | 7.6/13.6 | 7.4/13.9 | 7.9/14.2 | 7.9/14.4 | 7.9/14.6 |
| CQT | 0.14 | 2.9/2.6 | 2.4/4.3 | 2.3/3.9 | 2.1/3.3 | 3.1/3.4 | 3.6/4.0 | 4.4/5.0 | 5.3/7.3 | 5.7/7.3 | 6.2/7.3 | 7.0/7.4 | 7.2/7.5 | 7.5/7.5 | 7.6/7.5 | 7.6/7.7 |
| CRP | -0.10 | 2.5/1.8 | 3.2/1.9 | 2.7/2.2 | 2.8/2.4 | 3.1/3.4 | 3.8/3.6 | 4.4/3.6 | 4.8/4.7 | 4.7/4.6 | 4.6/4.7 | 4.6/4.8 | 4.7/4.9 | 4.8/4.9 | 5.0/4.9 | 4.8/5.0 |
| CRW | 0.12 | 2.9/3.2 | 2.9/3.3 | 3.0/3.4 | 3.8/3.5 | 4.6/4.3 | 5.3/4.8 | 6.2/7.1 | 6.8/8.5 | 7.0/8.6 | 6.9/8.6 | 7.3/8.9 | 7.0/9.0 | 7.1/9.2 | 7.2/9.4 | 7.2/9.5 |
| CVG | 0.29 | 2.2/3.1 | 2.6/3.5 | 2.9/3.9 | 3.4/4.6 | 4.0/4.9 | 4.0/5.1 | 6.0/6.2 | 6.2/9.7 | 6.5/9.9 | 6.6/10.2 | 7.0/10.4 | 7.1/10.7 | 6.9/11.0 | 7.0/11.4 | 7.0/11.8 |
| DAY | 0.27 | 2.8/3.2 | 2.4/3.4 | 3.0/3.8 | 3.4/4.0 | 3.8/4.5 | 3.9/5.3 | 5.6/6.7 | 5.9/9.2 | 6.4/9.4 | 6.6/9.6 | 6.9/9.8 | 7.0/10.0 | 7.2/10.3 | 7.0/10.5 | 7.0/10.9 |
| DBQ | 0.34 | 2.0/2.5 | 1.9/3.3 | 2.8/4.9 | 3.1/4.4 | 3.3/4.7 | 4.4/7.1 | 5.7/7.0 | 6.4/12.3 | 7.1/12.6 | 8.1/12.9 | 9.0/13.1 | 8.8/13.5 | 9.5/13.8 | 9.4/14.2 | 9.5/14.4 |
| DCA | 0.07 | 2.6/2.3 | 2.7/2.3 | 2.7/2.4 | 3.2/3.5 | 3.7/3.7 | 4.6/4.5 | 5.3/5.7 | 5.7/7.5 | 5.9/7.6 | 6.1/7.6 | 6.5/7.8 | 6.8/8.1 | 7.1/8.3 | 7.6/8.5 | 7.3/8.8 |
| DEC | 0.36 | 2.4/2.3 | 2.7/3.5 | 3.1/4.8 | 3.7/5.2 | 4.7/5.7 | 4.8/6.6 | 5.9/6.8 | 6.9/12.7 | 6.9/13.0 | 6.9/13.4 | 7.4/13.9 | 6.6/14.2 | 6.9/14.6 | 7.2/15.0 | 7.4/15.4 |
| DEN | 0.16 | 4.3/3.1 | 5.0/4.2 | 5.9/4.3 | 6.1/4.7 | 6.1/5.8 | 6.8/8.6 | 7.4/8.2 | 9.2/15.5 | 9.1/15.9 | 9.2/16.2 | 9.2/16.6 | 9.2/16.8 | 10.4/17.2 | 10.9/17.5 | 10.8/17.9 |
| DFW | 0.26 | 3.3/3.7 | 4.7/4.6 | 5.2/6.7 | 5.6/7.5 | 5.3/6.9 | 6.1/7.5 | 6.5/7.9 | 6.3/9.4 | 6.8/9.5 | 6.7/9.8 | 7.0/10.1 | 7.3/10.4 | 6.8/10.5 | 7.1/10.8 | 6.4/11.0 |
| DLH | 0.25 | 2.3/2.4 | 2.4/2.7 | 2.6/2.7 | 3.0/3.6 | 3.4/3.7 | 4.0/4.9 | 4.9/5.5 | 6.1/11.5 | 7.0/11.8 | 7.5/12.2 | 7.9/12.5 | 7.8/12.9 | 8.8/13.2 | 9.8/13.6 | 9.5/14.0 |
| DSM | 0.23 | 2.5/2.3 | 2.8/3.0 | 3.5/3.2 | 3.8/3.7 | 4.2/5.5 | 5.0/6.0 | 5.8/6.9 | 6.8/12.3 | 8.1/12.6 | 8.3/13.0 | 8.7/13.3 | 8.6/13.7 | 8.6/14.0 | 8.8/14.4 | 9.0/14.6 |
| DTW | 0.19 | 3.0/2.5 | 2.7/3.1 | 3.0/3.8 | 3.3/4.0 | 3.8/4.6 | 3.9/5.0 | 5.2/5.7 | 6.4/9.1 | 6.9/9.4 | 7.1/9.6 | 7.6/9.9 | 7.8/10.0 | 7.8/10.3 | 7.8/10.5 | 7.7/10.7 |
| ELP | -0.05 | 1.9/1.4 | 2.3/1.7 | 2.2/2.4 | 2.7/2.6 | 4.0/3.7 | 3.9/3.5 | 4.8/3.8 | 5.1/5.3 | 5.3/5.5 | 5.5/5.6 | 5.7/5.6 | 5.7/5.7 | 5.8/5.9 | 5.5/6.0 | 5.5/6.2 |
| ERI | 0.28 | 2.0/2.4 | 2.3/2.7 | 2.7/3.3 | 3.6/4.9 | 3.6/5.2 | 3.5/4.1 | 4.1/6.0 | 5.5/9.3 | 6.3/9.5 | 6.0/9.6 | 6.5/9.8 | 6.5/10.0 | 6.6/10.2 | 6.9/10.3 | 6.8/10.5 |
| EUG | -0.00 | 3.6/1.8 | 3.5/2.2 | 3.4/2.4 | 3.6/2.7 | 4.2/3.4 | 4.7/4.1 | 5.1/4.5 | 5.1/6.7 | 4.7/7.0 | 4.9/7.4 | 4.8/7.7 | 5.4/8.1 | 5.4/8.5 | 5.4/8.9 | 5.4/9.2 |
| EVV | 0.29 | 3.1/2.8 | 3.6/3.7 | 3.8/5.0 | 4.1/5.7 | 5.1/6.2 | 5.2/6.5 | 6.2/6.9 | 6.5/10.8 | 6.1/11.2 | 6.4/11.5 | 7.0/12.0 | 7.1/12.3 | 7.2/12.7 | 7.4/13.0 | 7.3/13.4 |
| EWR | 0.06 | 2.9/2.5 | 3.2/2.8 | 3.4/2.9 | 4.1/3.1 | 4.7/4.6 | 5.0/5.2 | 5.1/5.9 | 5.4/7.2 | 5.7/7.4 | 5.7/7.5 | 6.4/7.6 | 6.4/7.9 | 6.6/7.9 | 7.3/8.2 | 7.0/8.4 |
| FAR | 0.32 | 2.4/2.7 | 2.7/2.8 | 2.9/2.9 | 3.4/4.2 | 4.3/5.1 | 4.3/5.9 | 5.3/6.8 | 6.3/13.1 | 7.2/13.5 | 7.3/13.8 | 7.3/14.3 | 7.4/14.6 | 8.0/15.0 | 8.8/15.4 | 9.2/15.8 |
| FAT | 0.17 | 2.1/2.4 | 2.4/2.5 | 2.4/2.6 | 2.9/3.4 | 3.1/4.1 | 3.6/4.3 | 4.4/4.9 | 4.6/6.5 | 4.5/6.7 | 4.9/7.1 | 6.0/7.4 | 6.5/7.7 | 7.3/8.0 | 7.3/8.3 | 7.5/8.7 |
| FLG | 0.17 | 2.2/2.2 | 2.2/2.1 | 2.6/2.5 | 3.3/3.5 | 4.1/4.0 | 4.0/4.7 | 5.0/5.4 | 5.8/7.5 | 5.5/7.7 | 5.5/7.9 | 5.2/8.1 | 5.2/8.3 | 5.6/8.5 | 5.8/8.6 | 5.9/8.8 |
| FMY | 0.05 | 1.2/1.3 | 1.2/1.5 | 1.5/1.5 | 1.7/1.3 | 2.1/1.5 | 2.3/1.9 | 3.0/3.0 | 3.2/4.0 | 3.3/3.9 | 3.2/3.8 | 3.1/3.7 | 3.0/3.8 | 2.7/3.7 | 2.9/3.7 | 2.9/3.6 |
| FSD | 0.36 | 2.1/2.2 | 2.2/2.5 | 2.1/2.7 | 2.7/4.1 | 3.2/4.8 | 4.5/6.0 | 5.9/7.1 | 7.2/15.0 | 8.6/15.5 | 8.5/16.0 | 8.7/16.5 | 8.7/16.9 | 8.6/17.4 | 9.2/17.8 | 9.5/18.2 |
| FWA | 0.23 | 2.8/3.0 | 3.1/4.1 | 4.4/4.7 | 4.6/4.9 | 4.9/5.2 | 5.0/6.2 | 6.6/6.7 | 6.9/10.5 | 6.9/10.7 | 7.2/10.9 | 7.7/11.1 | 7.7/11.3 | 7.8/11.6 | 7.7/11.8 | 7.8/12.1 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GAD | 0.23 | 4.5/3.5 | 4.6/4.0 | 4.2/3.7 | 4.0/4.8 | 4.0/4.9 | 4.0/5.4 | 4.3/5.8 | 4.6/8.0 | 5.2/8.2 | 5.4/8.4 | 5.4/8.7 | 5.3/8.8 | 5.5/9.0 | 5.7/9.4 | 5.6/9.5 |
| GEG | 0.34 | 2.2/2.3 | 2.2/2.7 | 2.3/3.3 | 2.4/3.6 | 2.9/4.7 | 4.2/5.5 | 4.9/7.0 | 5.3/10.5 | 6.0/10.9 | 5.8/11.4 | 6.4/11.8 | 7.3/12.2 | 7.9/12.6 | 8.2/13.0 | 9.1/13.5 |
| GTF | 0.17 | 3.0/3.6 | 3.1/3.4 | 3.7/4.4 | 4.5/4.8 | 4.8/6.0 | 6.3/8.2 | 8.0/10.0 | 9.6/14.8 | 10.5/15.1 | 11.6/15.3 | 12.3/15.5 | 13.8/15.7 | 14.5/15.9 | 14.5/16.2 | 15.2/16.5 |
| HOU | 0.03 | 2.5/2.3 | 2.6/2.6 | 2.5/3.1 | 2.6/2.8 | 3.6/3.5 | 4.4/4.5 | 5.3/4.7 | 5.6/5.6 | 5.8/5.7 | 5.6/5.8 | 5.3/6.0 | 5.7/6.0 | 6.1/6.2 | 6.1/6.4 | 6.1/6.5 |
| HSV | 0.10 | 3.3/2.7 | 3.3/2.9 | 3.7/3.7 | 3.9/4.8 | 4.1/4.3 | 5.1/5.5 | 5.4/5.6 | 5.8/7.0 | 6.3/7.1 | 6.3/7.4 | 6.4/7.6 | 5.9/7.8 | 6.4/8.0 | 6.7/8.2 | 6.5/8.4 |
| IAH | 0.02 | 2.7/2.1 | 2.1/3.0 | 2.5/3.3 | 2.8/2.7 | 3.8/4.0 | 4.8/4.6 | 5.6/4.9 | 6.0/6.1 | 6.3/6.2 | 6.5/6.4 | 6.1/6.6 | 6.8/6.7 | 6.8/6.8 | 6.7/7.0 | 6.5/7.2 |
| ICT | 0.35 | 2.4/3.0 | 2.7/4.0 | 4.3/5.8 | 4.8/6.6 | 5.4/6.7 | 6.3/6.7 | 6.6/8.4 | 6.3/12.9 | 7.2/13.3 | 7.3/13.6 | 7.6/13.9 | 7.9/14.3 | 8.0/14.7 | 8.0/15.1 | 7.8/15.4 |
| ILG | 0.14 | 2.7/3.0 | 2.6/3.2 | 3.1/3.1 | 3.6/3.7 | 3.9/4.1 | 4.4/4.8 | 5.2/5.8 | 5.8/7.5 | 5.8/7.6 | 6.1/7.8 | 6.5/8.0 | 6.9/8.4 | 6.9/8.6 | 7.4/8.8 | 7.4/9.1 |
| IND | 0.26 | 2.6/2.5 | 3.0/3.6 | 3.1/4.2 | 3.3/5.2 | 4.3/5.4 | 4.8/6.2 | 6.7/6.5 | 7.0/10.3 | 7.4/10.6 | 7.2/10.8 | 7.5/11.1 | 7.5/11.4 | 7.6/11.6 | 7.5/12.0 | 7.8/12.3 |
| IPT | 0.23 | 2.6/3.5 | 2.8/3.5 | 2.8/4.2 | 3.5/3.9 | 3.2/4.8 | 3.6/4.6 | 4.2/5.6 | 5.1/7.0 | 5.6/7.2 | 5.6/7.4 | 5.8/7.5 | 6.1/7.7 | 6.2/7.8 | 6.5/8.1 | 6.2/8.4 |
| JAN | 0.20 | 3.2/3.0 | 3.6/3.1 | 3.7/4.2 | 3.8/4.4 | 3.9/5.0 | 4.7/5.6 | 5.2/5.7 | 6.1/8.2 | 6.1/8.5 | 6.2/8.7 | 6.3/8.9 | 6.0/9.1 | 6.2/9.4 | 6.8/9.5 | 6.4/9.7 |
| JAX | 0.01 | 2.9/2.0 | 2.9/2.4 | 2.8/3.1 | 3.1/3.0 | 3.6/3.4 | 3.9/3.4 | 3.7/4.4 | 4.2/6.2 | 4.9/6.1 | 4.9/5.9 | 5.1/5.8 | 5.4/5.8 | 5.5/5.8 | 5.7/5.8 | 5.9/5.6 |
| JFK | 0.19 | 2.3/2.2 | 2.2/2.5 | 2.5/2.4 | 3.1/3.2 | 3.6/3.8 | 3.7/4.2 | 4.0/4.6 | 4.3/6.2 | 4.1/6.3 | 4.2/6.5 | 4.8/6.7 | 4.8/6.9 | 4.9/7.2 | 5.3/7.3 | 5.2/7.5 |
| LAN | 0.30 | 1.7/2.2 | 2.0/2.8 | 2.4/4.0 | 3.0/4.2 | 3.1/4.1 | 3.3/4.8 | 4.9/6.0 | 5.8/8.9 | 6.4/9.3 | 6.5/9.6 | 7.0/9.9 | 7.0/10.2 | 7.0/10.5 | 7.1/10.9 | 7.0/11.1 |
| LAS | 0.34 | 1.7/2.5 | 1.8/2.5 | 2.0/3.4 | 2.2/3.4 | 2.2/3.8 | 3.0/4.3 | 4.5/5.3 | 5.2/8.3 | 5.5/8.6 | 5.3/8.9 | 5.6/9.2 | 5.8/9.5 | 6.2/9.8 | 6.8/10.1 | 6.8/10.4 |
| LAX | 0.07 | 3.8/2.9 | 3.5/3.5 | 3.6/3.5 | 3.5/3.3 | 3.7/3.3 | 3.9/3.9 | 4.3/4.4 | 4.7/6.8 | 5.2/6.9 | 5.2/6.9 | 5.6/7.0 | 5.7/7.1 | 6.0/7.1 | 6.3/7.1 | 6.3/7.1 |
| LEX | 0.34 | 2.8/3.5 | 3.2/4.2 | 3.1/4.7 | 3.5/5.2 | 4.0/6.0 | 4.4/6.1 | 5.6/6.9 | 6.2/9.9 | 6.2/10.2 | 6.4/10.4 | 6.7/10.8 | 6.7/11.0 | 6.6/11.4 | 7.0/11.7 | 6.8/12.0 |
| LFK | 0.16 | 3.3/2.5 | 3.0/3.4 | 4.0/4.5 | 4.2/4.3 | 4.3/4.4 | 4.9/5.8 | 5.6/5.7 | 5.7/7.9 | 6.0/8.0 | 6.0/8.2 | 6.1/8.4 | 6.4/8.5 | 6.5/8.7 | 6.5/8.9 | 6.2/9.0 |
| LGA | 0.14 | 2.4/2.5 | 2.8/2.4 | 2.9/2.8 | 3.2/3.3 | 3.5/4.4 | 3.9/4.5 | 4.2/4.8 | 4.8/6.7 | 4.9/6.9 | 5.1/7.1 | 5.6/7.2 | 5.9/7.4 | 6.0/7.7 | 6.7/7.9 | 6.5/8.2 |
| LGB | 0.12 | 3.8/3.2 | 3.1/3.9 | 3.3/3.8 | 3.6/3.7 | 4.7/3.9 | 4.5/4.5 | 5.0/5.5 | 5.5/8.0 | 5.7/8.0 | 6.0/8.1 | 6.2/8.1 | 6.4/8.1 | 6.9/8.3 | 7.3/8.3 | 7.1/8.4 |
| LIT | 0.32 | 3.9/3.4 | 3.5/4.2 | 3.7/4.9 | 5.2/6.0 | 4.5/6.1 | 5.7/7.1 | 5.7/6.8 | 5.8/10.5 | 5.8/10.8 | 6.3/11.1 | 6.4/11.5 | 6.2/11.7 | 6.3/12.0 | 6.1/12.4 | 5.9/12.6 |
| LNS | 0.13 | 2.3/3.3 | 2.5/3.1 | 3.0/2.9 | 3.7/3.8 | 3.8/4.3 | 4.3/5.2 | 4.8/5.6 | 5.3/6.8 | 5.5/6.8 | 5.9/6.9 | 6.1/7.0 | 6.4/7.2 | 6.6/7.3 | 6.9/7.5 | 6.8/7.6 |
| MAF | 0.12 | 3.7/4.3 | 4.3/4.0 | 4.8/5.3 | 5.3/5.4 | 5.8/7.0 | 6.3/6.4 | 6.1/7.4 | 6.7/8.6 | 6.9/8.8 | 7.0/8.8 | 7.5/8.8 | 8.1/9.0 | 8.3/9.1 | 8.2/9.2 | 8.2/9.3 |
| MBA | 0.20 | 3.2/2.8 | 3.5/3.1 | 3.4/3.9 | 4.0/3.9 | 4.8/5.7 | 4.6/5.1 | 4.4/5.0 | 5.0/8.3 | 5.1/8.5 | 5.5/8.6 | 6.1/8.8 | 6.0/9.1 | 5.9/9.2 | 6.5/9.5 | 6.5/9.7 |
| MCI | 0.34 | 2.4/3.5 | 2.7/4.2 | 3.7/5.1 | 4.3/5.0 | 4.4/5.8 | 5.0/6.5 | 5.9/7.4 | 6.2/12.4 | 7.3/12.6 | 7.7/12.9 | 8.4/13.2 | 7.9/13.6 | 8.3/13.9 | 8.1/14.2 | 8.6/14.6 |
| MCN | 0.24 | 2.8/3.6 | 3.5/4.3 | 3.6/4.1 | 3.8/4.5 | 4.4/5.7 | 4.2/5.9 | 4.6/5.8 | 4.9/7.1 | 4.9/7.1 | 5.0/7.2 | 5.3/7.3 | 5.3/7.4 | 5.4/7.5 | 5.9/7.6 | 6.1/7.8 |
| MCO | -0.03 | 1.8/1.5 | 1.7/1.6 | 1.8/1.6 | 2.2/1.8 | 2.4/2.1 | 2.8/2.2 | 3.8/3.6 | 4.2/4.8 | 4.6/4.7 | 4.4/4.7 | 4.0/4.6 | 4.2/4.6 | 4.0/4.6 | 4.2/4.6 | 4.3/4.6 |
| MDT | 0.25 | 2.1/3.7 | 2.7/3.6 | 3.3/3.4 | 3.8/4.3 | 3.6/5.0 | 4.1/4.8 | 4.9/5.8 | 5.6/8.0 | 5.9/8.2 | 5.8/8.4 | 6.1/8.6 | 6.3/8.7 | 6.5/9.0 | 6.7/9.3 | 6.7/9.5 |
| MEM | 0.29 | 2.5/2.7 | 2.9/2.9 | 3.1/3.4 | 3.8/5.0 | 4.3/5.0 | 4.9/6.2 | 5.1/6.2 | 5.5/9.5 | 5.1/9.8 | 5.9/10.1 | 6.4/10.3 | 6.4/10.7 | 6.3/11.0 | 6.6/11.2 | 6.2/11.5 |
| MHT | 0.23 | 3.0/2.4 | 3.6/3.5 | 3.4/3.5 | 3.9/4.2 | 4.6/5.2 | 4.4/5.1 | 4.0/4.9 | 4.6/8.1 | 4.6/8.3 | 5.1/8.5 | 5.5/8.7 | 5.7/8.9 | 5.7/9.2 | 5.8/9.4 | 6.2/9.7 |
| MIA | 0.16 | 1.4/1.3 | 1.5/1.3 | 1.4/1.4 | 1.7/1.6 | 1.6/1.6 | 1.8/1.7 | 2.1/2.2 | 2.1/3.8 | 2.4/3.7 | 2.4/3.5 | 2.3/3.4 | 2.4/3.4 | 2.3/3.4 | 2.4/3.3 | 2.3/3.2 |
| MKE | 0.22 | 2.6/2.4 | 2.9/3.1 | 3.5/3.7 | 3.7/3.8 | 4.0/3.9 | 4.5/5.8 | 5.9/5.8 | 6.7/10.5 | 7.2/10.8 | 7.0/11.1 | 6.9/11.4 | 6.7/11.7 | 6.9/12.0 | 7.4/12.3 | 7.3/12.7 |
| MOB | -0.02 | 3.5/2.6 | 3.3/3.0 | 3.9/3.1 | 4.3/3.6 | 4.8/4.5 | 5.5/5.5 | 5.8/5.6 | 6.2/6.5 | 6.3/6.6 | 6.2/6.7 | 6.0/6.8 | 5.8/6.8 | 6.1/6.8 | 6.4/7.0 | 6.4/7.0 |
| MSP | 0.33 | 2.2/2.6 | 2.0/3.0 | 2.5/3.2 | 3.2/3.8 | 3.4/4.5 | 4.1/6.2 | 5.4/6.5 | 7.0/13.2 | 8.2/13.6 | 8.4/14.0 | 8.7/14.3 | 8.5/14.7 | 8.4/15.1 | 8.9/15.5 | 9.3/15.9 |
| MSY | -0.02 | 3.1/1.9 | 3.0/2.2 | 3.0/2.4 | 3.0/3.0 | 3.1/3.2 | 4.5/4.7 | 5.5/5.5 | 6.1/6.6 | 6.6/6.8 | 6.5/6.8 | 6.2/6.9 | 5.9/7.0 | 6.2/7.2 | 6.4/7.2 | 6.4/7.3 |
| MWL | 0.26 | 2.9/2.8 | 5.0/4.4 | 5.9/6.2 | 6.8/8.8 | 6.8/8.2 | 7.2/8.7 | 7.2/8.5 | 7.0/12.0 | 7.4/12.2 | 7.4/12.5 | 7.9/12.8 | 7.6/13.1 | 7.5/13.4 | 7.6/13.6 | 7.4/13.9 |
| NKX | -0.45 | 5.0/3.9 | 5.1/4.6 | 5.1/3.9 | 6.2/4.1 | 7.1/4.8 | 8.0/4.4 | 8.5/5.2 | 6.8/0.0 | 7.4/0.0 | 8.0/0.0 | 8.4/0.0 | 8.6/0.0 | 9.0/0.0 | 9.0/0.0 | 9.3/0.0 |
| NTU | 0.13 | 2.4/2.4 | 2.3/2.5 | 2.7/3.2 | 3.0/3.4 | 3.6/4.3 | 4.1/4.0 | 4.6/6.1 | 6.0/7.4 | 5.8/7.6 | 6.7/7.6 | 6.3/7.7 | 6.7/7.9 | 7.0/7.9 | 7.1/8.0 | 7.4/8.3 |
| OAK | 0.09 | 3.4/2.5 | 3.2/3.3 | 3.1/3.3 | 3.3/3.6 | 3.9/3.3 | 4.0/3.8 | 4.1/4.5 | 4.7/5.7 | 4.7/5.8 | 4.8/5.9 | 4.8/6.0 | 4.8/6.1 | 4.7/6.2 | 4.8/6.3 | 4.7/6.3 |
| OKC | 0.31 | 3.0/2.8 | 4.2/3.8 | 5.4/6.0 | 5.7/6.9 | 5.4/7.8 | 6.3/7.3 | 6.7/8.5 | 5.8/11.9 | 6.6/12.1 | 6.5/12.4 | 6.8/12.7 | 6.8/13.1 | 7.3/13.3 | 7.0/13.6 | 6.7/14.0 |
| OMA | 0.25 | 3.4/3.0 | 3.6/3.9 | 4.5/3.1 | 4.7/4.7 | 4.4/6.5 | 5.2/7.1 | 6.4/8.1 | 7.3/13.7 | 8.6/14.1 | 8.6/14.5 | 8.8/14.9 | 8.6/15.3 | 8.7/15.6 | 8.9/16.1 | 8.9/16.5 |
| ORD | 0.36 | 1.6/2.0 | 2.2/2.9 | 3.2/4.8 | 3.4/4.7 | 3.6/4.7 | 4.0/6.3 | 5.5/7.3 | 6.1/11.0 | 6.5/11.2 | 6.6/11.5 | 7.0/11.9 | 6.9/12.3 | 7.1/12.7 | 7.5/12.9 | 7.3/13.4 |
| ORH | 0.18 | 3.3/3.0 | 3.9/2.7 | 3.9/3.4 | 4.2/3.9 | 4.6/5.4 | 4.5/5.0 | 4.4/5.5 | 4.8/8.4 | 5.0/8.5 | 5.4/8.8 | 5.8/9.0 | 5.8/9.1 | 6.1/9.3 | 6.6/9.6 | 6.5/9.8 |
| PDT | 0.23 | 2.9/3.9 | 2.8/3.4 | 3.5/3.6 | 3.5/4.7 | 3.9/4.9 | 5.4/6.5 | 6.6/7.9 | 7.0/9.8 | 7.3/10.1 | 7.4/10.4 | 7.4/10.7 | 7.9/11.0 | 8.4/11.4 | 8.6/11.7 | 8.8/12.2 |
| PDX | 0.06 | 2.8/2.3 | 2.5/2.2 | 2.6/2.5 | 2.8/2.1 | 3.1/2.6 | 3.5/3.2 | 3.7/3.8 | 4.0/4.5 | 3.7/4.7 | 3.6/5.1 | 4.0/5.4 | 4.4/5.8 | 4.7/6.2 | 4.8/6.4 | 4.9/6.8 |
| PHL | 0.16 | 2.2/2.8 | 2.5/3.1 | 2.7/2.7 | 3.4/4.5 | 4.1/4.0 | 4.6/4.4 | 5.3/6.3 | 5.4/7.3 | 5.7/7.5 | 5.7/7.6 | 6.2/7.8 | 6.7/8.0 | 6.6/8.2 | 7.2/8.4 | 7.0/8.5 |
| PHX | 0.16 | 1.8/1.6 | 1.9/1.5 | 1.8/2.3 | 2.7/2.5 | 2.9/3.7 | 2.9/4.8 | 4.0/4.6 | 4.3/6.3 | 4.8/6.5 | 4.8/6.8 | 5.0/6.9 | 5.4/7.1 | 5.9/7.2 | 6.3/7.5 | 6.3/7.6 |
| PIR | 0.36 | 3.3/3.8 | 3.6/4.5 | 3.9/4.7 | 4.1/5.9 | 4.4/6.9 | 5.5/7.8 | 7.9/10.3 | 9.6/19.0 | 10.4/19.5 | 10.6/19.9 | 9.5/20.4 | 10.6/20.8 | 12.3/21.3 | 12.6/21.6 | 12.3/22.1 |
| PIT | 0.15 | 3.6/3.2 | 3.5/3.7 | 3.4/4.0 | 4.3/4.3 | 4.5/4.8 | 4.7/4.6 | 5.6/6.8 | 6.5/9.3 | 7.5/9.4 | 7.3/9.7 | 7.7/10.0 | 7.9/10.1 | 7.7/10.4 | 8.0/10.5 | 7.8/10.9 |
| PVD | 0.20 | 2.6/3.3 | 2.8/3.3 | 3.4/3.4 | 4.0/4.0 | 4.3/5.7 | 4.5/5.1 | 4.3/5.3 | 5.2/7.5 | 5.2/7.8 | 5.7/7.9 | 6.3/8.0 | 6.3/8.2 | 6.1/8.4 | 6.7/8.5 | 6.5/8.7 |
| PWM | 0.23 | 2.7/2.6 | 2.7/2.9 | 2.7/3.0 | 3.3/3.5 | 3.9/4.5 | 4.0/4.5 | 3.7/4.2 | 4.1/6.5 | 4.4/6.7 | 4.4/7.0 | 5.0/7.1 | 4.7/7.4 | 4.7/7.7 | 4.7/7.9 | 5.1/8.2 |
| RAL | 0.15 | 1.7/2.8 | 2.2/3.5 | 2.3/3.4 | 2.9/4.1 | 4.5/5.0 | 5.8/6.1 | 7.3/7.5 | 8.4/10.4 | 8.5/10.5 | 9.6/10.6 | 10.4/10.7 | 10.4/10.8 | 10.5/10.8 | 10.4/10.9 | 10.3/11.0 |
| RAP | 0.26 | 3.5/3.6 | 4.2/3.5 | 3.9/4.4 | 4.5/5.4 | 4.9/7.3 | 7.0/9.2 | 8.4/11.2 | 10.2/18.6 | 11.0/19.0 | 11.4/19.3 | 11.7/19.8 | 13.3/20.1 | 14.4/20.5 | 13.6/20.8 | 13.5/21.1 |
| RBL | 0.20 | 2.5/2.9 | 2.5/2.6 | 2.2/2.7 | 2.3/3.3 | 3.7/3.7 | 4.3/4.5 | 4.7/4.6 | 5.2/8.4 | 6.3/8.7 | 6.5/9.0 | 6.6/9.4 | 6.9/9.7 | 7.2/10.0 | 7.2/10.3 | 7.5/10.5 |
| RDD | 0.11 | 2.9/3.1 | 2.9/2.7 | 2.9/2.8 | 3.4/3.5 | 4.4/4.0 | 5.1/4.8 | 5.4/5.4 | 5.9/8.3 | 7.2/8.7 | 7.2/8.9 | 7.3/9.2 | 7.3/9.4 | 7.5/9.6 | 7.7/9.8 | 7.9/10.2 |
| RDU | 0.15 | 3.5/2.9 | 3.6/3.5 | 3.7/4.5 | 3.6/5.6 | 4.4/4.8 | 4.7/4.9 | 5.1/6.9 | 5.5/8.5 | 6.0/8.4 | 6.5/8.5 | 6.8/8.7 | 7.3/8.7 | 7.6/8.7 | 8.0/9.0 | 7.9/9.1 |
| RIC | 0.03 | 3.1/2.3 | 3.4/3.0 | 3.9/3.4 | 4.6/4.5 | 5.2/5.2 | 5.5/5.2 | 6.2/7.2 | 6.6/8.4 | 6.8/8.5 | 7.0/8.5 | 7.4/8.6 | 7.7/8.7 | 8.0/8.8 | 8.4/9.0 | 8.1/9.0 |
| RNO | 0.21 | 2.8/1.8 | 2.5/3.0 | 2.7/3.8 | 2.8/3.6 | 3.0/4.3 | 4.1/5.1 | 5.3/5.9 | 5.9/8.7 | 5.8/8.8 | 6.1/9.1 | 6.5/9.4 | 7.2/9.7 | 7.6/10.0 | 7.8/10.4 | 8.1/10.5 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ROA | 0.10 | 3.6/2.6 | 3.6/2.9 | 3.2/3.3 | 3.7/4.8 | 4.1/4.8 | 4.4/4.8 | 5.1/6.3 | 5.7/7.9 | 6.1/8.1 | 6.7/8.2 | 7.0/8.3 | 7.2/8.5 | 7.4/8.7 | 7.7/8.8 | 7.7/9.0 |
| ROC | 0.22 | 2.3/1.8 | 2.8/2.8 | 3.4/3.2 | 4.1/5.1 | 3.7/5.0 | 3.9/4.5 | 4.2/5.7 | 5.6/8.5 | 6.2/8.7 | 5.5/9.0 | 6.1/9.1 | 6.2/9.3 | 6.3/9.5 | 6.4/9.7 | 6.1/10.0 |
| SAC | 0.20 | 2.1/3.1 | 2.2/2.4 | 2.2/3.0 | 2.7/3.1 | 3.6/3.4 | 4.0/3.6 | 4.3/4.4 | 4.5/7.2 | 5.0/7.4 | 5.3/7.7 | 6.3/8.0 | 6.4/8.4 | 6.4/8.6 | 6.6/9.0 | 6.6/9.2 |
| SAN | 0.09 | 2.2/2.3 | 1.8/1.9 | 1.8/1.9 | 1.9/1.8 | 2.5/1.8 | 2.6/2.5 | 3.2/3.0 | 3.8/4.8 | 3.9/4.9 | 3.8/4.9 | 3.4/5.1 | 3.6/5.1 | 4.1/5.2 | 4.3/5.3 | 4.5/5.3 |
| SAT | 0.15 | 3.0/2.9 | 3.5/3.7 | 4.2/4.8 | 3.8/4.1 | 3.8/4.8 | 4.1/5.5 | 4.6/5.1 | 5.4/6.4 | 6.1/6.6 | 5.3/6.9 | 5.3/7.0 | 6.0/7.0 | 5.7/7.2 | 6.1/7.5 | 5.5/7.5 |
| SAV | 0.11 | 2.4/2.5 | 2.3/2.5 | 2.7/3.1 | 3.3/3.4 | 3.8/4.7 | 4.0/4.4 | 4.4/4.5 | 5.0/6.4 | 5.3/6.4 | 5.7/6.5 | 5.0/6.5 | 5.9/6.5 | 5.7/6.6 | 6.1/6.7 | 6.5/6.7 |
| SDF | 0.29 | 2.7/2.5 | 2.9/3.7 | 3.3/5.4 | 3.5/5.1 | 4.4/6.1 | 4.8/6.1 | 6.2/6.9 | 6.6/9.4 | 6.3/9.7 | 6.3/10.0 | 6.8/10.3 | 6.7/10.5 | 6.8/10.8 | 6.8/11.2 | 6.9/11.5 |
| SEA | 0.14 | 2.6/2.4 | 2.7/2.5 | 2.7/3.0 | 2.8/2.4 | 2.9/2.8 | 3.5/3.5 | 3.0/3.6 | 3.1/4.5 | 3.2/4.7 | 3.4/5.0 | 3.5/5.3 | 4.2/5.5 | 4.6/5.8 | 4.4/6.1 | 4.2/6.4 |
| SFO | 0.03 | 3.2/2.8 | 2.8/3.7 | 2.3/3.5 | 2.7/3.5 | 3.4/3.4 | 3.8/3.9 | 4.0/4.2 | 4.1/4.5 | 4.6/4.5 | 4.7/4.5 | 4.9/4.5 | 4.9/4.5 | 4.9/4.5 | 5.0/4.6 | 5.0/4.7 |
| SJC | 0.14 | 2.2/2.8 | 2.0/3.1 | 2.1/3.2 | 2.9/3.2 | 4.1/3.5 | 4.2/3.9 | 4.7/4.6 | 5.7/6.5 | 6.1/6.6 | 5.3/6.7 | 5.5/6.9 | 5.7/7.1 | 6.1/7.1 | 6.1/7.4 | 6.0/7.5 |
| SJT | 0.09 | 2.9/3.3 | 3.5/2.7 | 3.7/4.1 | 4.4/5.2 | 5.0/5.6 | 6.0/5.5 | 5.9/6.5 | 6.5/6.9 | 6.5/6.9 | 6.0/7.0 | 6.3/7.3 | 6.4/7.3 | 6.1/7.4 | 6.1/7.5 | 6.1/7.7 |
| SLC | 0.39 | 2.0/2.9 | 2.2/4.2 | 2.4/3.4 | 2.8/4.1 | 2.8/4.8 | 3.3/5.7 | 4.6/5.7 | 5.2/9.5 | 5.5/9.8 | 5.0/10.1 | 5.3/10.5 | 6.1/10.8 | 7.0/11.2 | 7.5/11.5 | 7.7/11.9 |
| SSI | 0.10 | 2.1/2.0 | 2.6/2.6 | 2.4/2.6 | 2.6/3.2 | 2.8/3.8 | 3.4/3.9 | 3.6/3.6 | 4.1/5.2 | 4.3/5.2 | 4.3/5.2 | 4.2/5.1 | 4.8/5.2 | 4.8/5.1 | 4.9/5.1 | 5.2/5.1 |
| STL | 0.32 | 2.8/3.1 | 2.9/3.6 | 3.3/4.6 | 4.6/5.0 | 5.0/4.7 | 5.0/6.5 | 5.8/6.7 | 6.1/11.3 | 6.1/11.6 | 6.1/11.9 | 7.0/12.2 | 6.4/12.5 | 6.4/12.8 | 6.9/13.1 | 7.0/13.4 |
| SYR | 0.22 | 2.9/2.5 | 3.5/2.8 | 3.6/3.4 | 4.0/4.7 | 3.9/5.0 | 3.5/5.4 | 4.0/5.9 | 4.5/8.0 | 5.2/8.2 | 5.0/8.5 | 5.7/8.6 | 6.1/8.8 | 6.4/9.0 | 6.7/9.3 | 6.8/9.6 |
| TLH | -0.03 | 2.6/2.6 | 3.2/2.9 | 3.6/3.0 | 3.8/3.5 | 4.1/3.5 | 4.9/4.0 | 5.1/4.9 | 5.4/6.4 | 5.9/6.3 | 5.9/6.4 | 5.9/6.4 | 6.1/6.4 | 6.2/6.2 | 6.3/6.3 | 6.4/6.3 |
| TPA | -0.14 | 1.6/1.7 | 2.4/1.8 | 2.5/1.8 | 2.5/1.6 | 2.8/1.7 | 3.3/2.2 | 3.8/2.5 | 4.0/4.4 | 4.3/4.3 | 4.1/4.2 | 3.9/4.2 | 3.6/4.2 | 3.4/4.2 | 3.4/4.1 | 3.5/4.0 |
| TRM | 0.19 | 2.6/2.3 | 2.5/2.1 | 2.2/2.2 | 2.6/2.5 | 2.8/3.4 | 2.9/4.2 | 4.1/5.2 | 4.8/7.7 | 5.0/7.7 | 5.0/8.0 | 5.3/8.1 | 5.9/8.4 | 6.5/8.5 | 6.9/8.8 | 6.8/9.0 |
| TUL | 0.37 | 3.1/3.6 | 4.1/4.5 | 5.0/6.6 | 5.8/7.3 | 5.5/8.2 | 5.7/7.4 | 6.1/8.3 | 5.6/12.5 | 6.2/12.8 | 6.3/13.2 | 6.9/13.4 | 6.8/13.7 | 7.1/14.0 | 6.9/14.3 | 6.7/14.6 |
| TUS | 0.04 | 2.3/1.7 | 2.7/1.9 | 2.7/2.2 | 2.8/2.4 | 3.4/3.2 | 3.4/3.9 | 4.0/4.0 | 4.4/6.0 | 5.0/6.1 | 4.6/6.3 | 4.9/6.4 | 5.3/6.6 | 5.7/6.8 | 5.9/7.1 | 5.6/7.3 |
| TYR | 0.27 | 3.2/3.2 | 3.7/4.1 | 4.2/5.1 | 4.9/5.9 | 4.4/5.7 | 5.1/6.4 | 5.4/6.3 | 5.2/9.1 | 5.9/9.3 | 6.1/9.6 | 6.2/9.7 | 6.5/10.0 | 6.5/10.3 | 6.5/10.5 | 6.0/10.8 |
| TYS | 0.30 | 2.3/2.4 | 2.2/3.4 | 2.4/3.5 | 2.4/4.1 | 2.6/4.3 | 3.6/4.6 | 4.2/5.3 | 4.6/7.0 | 5.3/7.2 | 5.2/7.5 | 5.3/7.8 | 5.3/8.0 | 5.5/8.2 | 5.9/8.5 | 5.8/8.7 |
| VCT | -0.02 | 2.8/2.1 | 3.0/2.6 | 3.1/2.9 | 3.2/2.6 | 3.3/4.0 | 4.2/4.3 | 4.8/4.0 | 5.4/5.4 | 5.4/5.4 | 5.1/5.6 | 5.2/5.7 | 5.4/5.6 | 5.5/5.7 | 5.5/5.9 | 5.3/6.0 |
| WJF | 0.06 | 2.3/2.1 | 2.7/2.1 | 2.7/2.8 | 3.1/3.1 | 3.0/3.6 | 4.0/5.1 | 5.3/6.1 | 6.4/8.0 | 6.5/8.2 | 6.5/8.3 | 7.3/8.4 | 7.8/8.5 | 8.5/8.5 | 8.7/8.7 | 8.8/8.8 |
| YKM | 0.25 | 3.3/4.0 | 3.5/4.6 | 4.0/4.1 | 4.2/4.3 | 4.2/4.7 | 5.0/5.6 | 5.8/6.6 | 6.1/9.3 | 6.1/9.7 | 6.3/10.1 | 6.5/10.5 | 6.8/10.9 | 7.5/11.3 | 7.6/11.7 | 8.0/12.1 |
| YNG | 0.22 | 2.9/2.9 | 2.8/3.0 | 3.1/3.7 | 4.3/5.4 | 4.4/6.0 | 4.5/4.9 | 5.2/7.0 | 6.6/9.4 | 7.0/9.6 | 7.0/9.7 | 7.5/9.9 | 7.6/10.2 | 7.2/10.4 | 7.4/10.6 | 7.3/10.9 |
| YQB | 0.57 | 2.8/0.0 | 3.0/0.0 | 3.2/0.0 | 2.9/0.0 | 3.0/0.0 | 3.3/0.0 | 3.8/0.0 | 3.8/8.2 | 3.9/8.6 | 4.1/8.9 | 4.4/9.3 | 4.3/9.7 | 4.0/10.1 | 4.0/10.5 | 4.0/10.8 |
| YUL | 0.51 | 2.4/0.0 | 2.7/0.0 | 2.6/0.0 | 3.0/0.0 | 3.0/0.0 | 3.6/0.0 | 3.6/0.0 | 4.1/8.1 | 4.5/8.4 | 4.6/8.7 | 4.8/9.1 | 4.5/9.4 | 4.3/9.8 | 4.2/10.2 | 5.0/10.5 |
| YVR | -0.01 | 2.7/0.0 | 2.8/0.0 | 3.2/0.0 | 3.4/0.0 | 3.4/0.0 | 3.6/0.0 | 3.7/0.0 | 3.8/4.1 | 4.0/4.2 | 4.4/4.4 | 4.5/4.6 | 4.9/4.7 | 5.1/4.9 | 5.3/5.1 | 5.7/5.3 |
| YXD | 0.13 | 2.9/0.0 | 3.1/0.0 | 3.5/0.0 | 3.7/0.0 | 4.7/0.0 | 5.2/0.0 | 5.9/0.0 | 7.6/10.1 | 8.5/10.4 | 9.0/10.7 | 10.0/11.1 | 10.1/11.4 | 10.9/11.7 | 10.9/12.1 | 11.6/12.4 |
| YYC | 0.30 | 2.7/0.0 | 3.1/0.0 | 3.4/0.0 | 3.2/0.0 | 4.3/0.0 | 5.6/0.0 | 7.3/0.0 | 8.9/14.7 | 9.2/15.0 | 9.6/15.3 | 10.8/15.6 | 11.6/15.9 | 12.4/16.2 | 12.4/16.5 | 13.6/16.7 |
| YYZ | 0.24 | 3.0/0.0 | 3.4/0.0 | 3.3/0.0 | 3.4/0.0 | 3.7/0.0 | 4.1/0.0 | 4.9/0.0 | 6.0/7.0 | 6.4/7.3 | 6.1/7.6 | 5.9/7.9 | 6.1/8.1 | 5.9/8.4 | 5.9/8.7 | 5.8/9.0 |

Bias (2009-10-01~2009-10-31)

| | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ABE | -0.81 | -0.2/-0.5 | -0.1/-0.9 | -0.4/0.4 | -0.3/0.8 | -0.1/1.2 | -0.1/0.6 | 0.1/1.3 | -0.3/4.9 | -0.3/5.3 | -1.5/5.7 | -1.4/6.1 | -1.5/6.5 | -2.0/6.8 | -2.2/7.2 | -1.8/7.6 |
| ABI | 0.77 | 0.1/1.7 | 0.5/2.5 | 0.6/4.7 | 0.4/4.5 | 0.5/3.8 | 0.8/2.5 | 0.4/3.2 | 0.4/8.0 | 0.7/8.3 | 1.1/8.6 | 1.1/8.9 | 0.5/9.2 | 1.4/9.5 | 1.2/9.8 | 1.8/10.1 |
| ABQ | 0.65 | -0.2/0.0 | 0.0/1.6 | 0.3/2.1 | 0.5/1.6 | 0.8/2.0 | 1.2/4.1 | -0.2/2.0 | 0.4/6.2 | 0.8/6.6 | 0.5/7.0 | 1.0/7.4 | 1.0/7.8 | 0.8/8.2 | 1.5/8.6 | 1.3/9.0 |
| ABY | 0.15 | 0.1/-1.3 | 0.4/-1.0 | 0.8/-0.4 | 1.2/0.0 | 1.3/0.9 | 1.0/-0.0 | 1.0/-0.3 | 0.6/2.0 | 0.3/2.3 | -0.8/2.6 | -0.7/2.9 | -0.7/3.2 | -0.4/3.5 | -0.8/3.7 | -1.1/4.0 |
| ACT | -0.54 | -0.3/-1.0 | -0.3/0.8 | -0.2/2.8 | -0.3/3.8 | -0.5/3.2 | -0.1/3.5 | -0.3/3.6 | -0.6/7.6 | -1.1/8.0 | -0.8/8.3 | -0.6/8.6 | -1.5/9.0 | -0.8/9.3 | -0.7/9.6 | -0.1/9.9 |
| ACY | -0.80 | 0.1/-0.4 | 0.3/-0.4 | -0.3/0.1 | -0.3/0.3 | -0.0/0.4 | 0.1/-0.1 | 0.5/0.1 | 0.0/3.5 | 0.0/3.8 | -1.7/4.2 | -1.6/4.5 | -1.9/4.9 | -2.2/5.2 | -2.5/5.6 | -2.4/5.9 |
| ALB | -0.96 | -0.1/0.3 | -0.5/1.6 | -0.9/1.5 | -1.1/0.5 | -0.9/0.9 | -1.1/0.4 | -1.3/1.0 | -1.0/6.0 | -0.9/6.4 | -1.3/6.7 | -0.8/7.1 | -0.7/7.5 | -1.5/7.9 | -1.4/8.3 | -0.9/8.7 |
| ALW | 2.10 | -0.4/-0.5 | -0.6/-0.3 | -0.3/-0.5 | -0.5/2.1 | -0.3/1.8 | -0.0/2.3 | 0.7/2.3 | 0.9/10.2 | 1.3/10.7 | 2.4/11.2 | 3.9/11.6 | 4.9/12.1 | 5.6/12.5 | 6.4/13.0 | 7.5/13.5 |
| AOO | -1.00 | -0.1/-0.5 | 0.4/-0.6 | -0.3/0.7 | -0.1/-0.1 | -0.4/0.5 | -0.9/-1.3 | -1.4/-0.2 | -1.5/6.7 | -1.7/7.1 | -1.9/7.4 | -1.7/7.8 | -1.6/8.2 | -1.5/8.5 | -1.1/8.9 | -1.2/9.3 |
| APN | -0.55 | -0.1/-0.8 | 0.0/0.6 | -0.2/0.1 | -0.4/0.5 | -0.3/0.5 | -0.4/0.6 | -0.7/1.7 | -0.4/6.5 | -0.9/6.9 | -1.5/7.3 | -0.5/7.7 | -0.8/8.1 | -0.7/8.5 | -0.4/8.9 | -0.8/9.3 |
| ATL | 1.22 | 0.3/-0.8 | 1.2/-0.1 | 1.5/1.2 | 2.1/2.1 | 2.3/3.7 | 1.7/3.4 | 2.0/3.4 | 1.5/5.8 | 1.0/6.1 | 0.4/6.5 | 0.9/6.8 | 0.8/7.1 | 1.1/7.4 | 0.9/7.7 | 0.6/8.1 |
| AUG | 0.42 | 0.2/0.4 | -0.2/1.1 | -0.5/2.0 | 0.2/1.9 | -0.0/2.5 | -0.2/2.5 | 0.5/3.4 | 0.8/8.7 | 0.7/9.1 | 0.7/9.5 | 1.1/9.8 | 1.0/10.3 | 0.8/10.6 | 0.5/11.0 | 0.8/11.4 |
| AUS | -1.08 | 0.2/0.9 | 0.5/1.8 | -0.1/2.8 | 0.1/2.2 | -0.4/3.6 | 0.0/2.8 | -0.6/2.4 | -1.4/5.6 | -2.3/5.9 | -1.9/6.2 | -1.8/6.5 | -2.5/6.8 | -2.1/7.1 | -2.1/7.4 | -1.9/7.6 |
| AVP | -0.44 | -0.4/0.6 | -0.3/-0.1 | -0.4/2.1 | -0.2/1.2 | -0.0/1.3 | -0.4/0.9 | -0.5/1.2 | -0.5/6.8 | -0.4/7.2 | -0.7/7.5 | -0.6/7.9 | -0.5/8.3 | -0.9/8.7 | -0.7/9.1 | -0.1/9.5 |
| BDL | -0.27 | 0.4/0.0 | -0.1/-1.3 | -0.6/0.2 | -0.7/0.1 | -0.4/-0.1 | -0.2/-1.2 | 0.0/0.9 | 0.4/5.9 | 0.1/6.3 | -0.2/6.7 | -0.2/7.1 | -0.2/7.5 | -0.6/7.8 | -1.1/8.2 | -0.7/8.6 |
| BFL | 1.65 | 0.4/0.8 | 0.5/3.2 | 0.4/2.2 | 0.4/2.2 | 0.4/2.9 | 0.4/4.2 | 1.0/3.5 | 1.3/6.1 | 1.4/6.5 | 1.3/6.8 | 2.5/7.2 | 3.2/7.5 | 3.6/7.9 | 3.7/8.2 | 4.1/8.5 |
| BGM | -1.26 | -0.3/-0.7 | -0.6/-0.8 | -0.8/-0.4 | -0.9/-0.3 | -0.4/-0.4 | -1.3/-0.3 | -1.4/-0.0 | -1.5/5.5 | -1.3/5.9 | -2.0/6.3 | -1.2/6.6 | -1.4/7.0 | -2.2/7.4 | -1.8/7.7 | -1.7/8.1 |
| BHM | 0.19 | 0.2/-0.7 | 1.1/0.2 | 1.2/1.5 | 1.4/2.9 | 1.0/3.4 | 0.7/2.2 | 0.8/2.7 | 0.4/6.0 | -0.3/6.3 | -1.3/6.7 | -0.7/7.0 | -0.5/7.4 | -0.1/7.7 | -0.2/8.0 | -0.9/8.3 |
| BIS | 3.08 | 0.4/1.9 | 0.5/2.8 | 0.2/2.6 | -0.2/3.0 | -0.4/3.5 | 0.1/4.6 | 1.6/4.5 | 2.9/15.4 | 3.6/15.9 | 4.2/16.4 | 4.8/16.8 | 5.8/17.3 | 7.1/17.7 | 7.7/18.1 | 8.0/18.5 |
| BNA | 0.30 | 0.7/1.0 | 1.1/2.4 | 1.0/2.8 | 1.7/4.3 | 1.5/4.7 | 1.6/2.8 | 1.4/3.0 | 0.7/7.6 | -0.5/8.0 | -1.0/8.4 | -0.6/8.7 | -0.5/9.1 | -0.8/9.4 | -0.7/9.8 | -1.1/10.1 |
| BOI | 1.28 | -0.2/0.2 | -0.4/1.3 | -0.7/2.5 | -0.5/2.5 | -0.4/4.0 | -0.5/5.0 | 0.1/5.1 | -0.2/9.5 | -0.0/10.0 | 0.6/10.4 | 1.5/10.9 | 3.2/11.3 | 4.5/11.7 | 5.3/12.1 | 6.8/12.5 |
| BOS | -0.35 | 0.1/0.2 | -0.3/0.2 | -0.6/1.4 | -1.0/0.1 | -1.0/-0.2 | -0.6/0.3 | -0.2/0.4 | -0.1/5.2 | -0.1/5.6 | -0.6/5.9 | 0.1/6.3 | -0.0/6.6 | -0.3/7.0 | -0.5/7.4 | -0.3/7.7 |
| BRO | -0.05 | 0.3/1.1 | 0.3/1.2 | 0.5/1.2 | 0.2/1.5 | 0.4/1.7 | 0.3/1.8 | -0.2/0.5 | -0.0/-1.0 | -0.0/-0.8 | 0.1/-0.7 | -0.2/-0.5 | -0.6/-0.3 | -0.7/-0.1 | -0.5/0.1 | -0.5/0.3 |
| BTV | 0.22 | 0.1/1.8 | -0.2/1.5 | -0.5/2.0 | -0.4/0.1 | -0.2/1.9 | -0.1/0.9 | -0.5/1.5 | -0.1/6.1 | 0.1/6.5 | 0.7/6.9 | 1.1/7.3 | 0.9/7.7 | 0.5/8.2 | 0.8/8.6 | 1.0/9.0 |
| BUF | -0.76 | -0.3/0.4 | -0.4/0.5 | -0.7/0.4 | -0.7/0.6 | -0.8/-0.2 | -0.6/0.2 | -0.3/1.0 | -0.3/6.1 | -0.1/6.5 | -0.2/6.9 | -1.0/7.2 | -1.2/7.6 | -1.6/8.0 | -1.6/8.4 | -1.8/8.7 |
| BUR | 1.65 | -0.2/-1.1 | -0.5/-1.3 | -0.7/-0.5 | -0.3/-1.5 | 0.1/0.2 | 0.7/0.5 | 1.8/0.5 | 2.7/5.6 | 3.0/5.8 | 3.2/6.0 | 1.8/6.2 | 2.4/6.4 | 3.6/6.6 | 3.4/6.8 | 3.8/7.0 |
| BWI | -1.28 | 0.1/0.4 | 0.3/0.4 | -0.5/0.9 | -0.5/0.6 | -0.5/0.9 | -0.4/0.3 | -0.0/0.2 | -1.1/5.3 | -1.3/5.6 | -2.6/6.0 | -2.0/6.4 | -2.2/6.8 | -2.7/7.2 | -2.8/7.6 | -2.9/8.0 |
| CAE | 0.82 | 0.4/0.7 | 0.5/1.0 | 0.6/1.1 | 0.9/2.0 | 1.6/3.1 | 1.5/3.5 | 2.1/1.3 | 1.3/4.4 | 0.8/4.7 | 0.3/5.0 | 0.6/5.3 | 0.5/5.6 | 0.5/6.0 | 0.6/6.3 | 0.2/6.6 |
| CHA | 0.94 | 0.7/0.1 | 1.4/1.0 | 1.6/2.1 | 2.1/3.5 | 1.8/4.2 | 1.4/4.5 | 1.5/3.5 | 0.9/6.5 | 0.2/6.9 | -0.2/7.3 | 0.5/7.6 | 0.7/8.0 | 0.7/8.3 | 0.7/8.7 | 0.1/9.0 |
| CLE | -2.02 | -0.5/-1.5 | -0.6/-1.2 | -0.6/-0.8 | -0.6/-0.8 | -1.3/0.1 | -1.6/-0.2 | -2.1/-1.1 | -2.1/4.0 | -2.5/4.4 | -2.8/4.7 | -2.6/5.2 | -2.9/5.5 | -3.3/5.9 | -3.2/6.3 | -3.6/6.7 |
| CLT | 0.69 | 1.4/0.5 | 1.6/1.1 | 1.0/1.0 | 1.0/2.5 | 1.8/2.5 | 1.8/3.2 | 2.5/1.5 | 1.5/5.5 | 0.6/5.9 | -0.9/6.2 | -0.1/6.5 | -0.3/6.9 | -0.5/7.2 | -0.4/7.5 | -0.7/7.8 |
| CMH | -1.58 | -0.5/-0.4 | -0.5/0.2 | -0.7/0.7 | -0.8/1.5 | -1.4/3.0 | -1.3/1.3 | -1.5/1.0 | -1.4/7.5 | -2.0/8.0 | -2.2/8.4 | -2.0/8.8 | -2.1/9.2 | -2.4/9.6 | -2.2/10.0 | -2.6/10.4 |
| CON | 0.10 | 0.1/1.5 | -0.2/1.0 | -0.4/1.7 | -0.1/1.1 | 0.3/1.7 | 0.2/1.2 | 0.2/2.0 | 0.5/6.7 | 0.3/7.1 | 0.2/7.5 | 0.4/7.9 | 0.3/8.3 | 0.1/8.7 | -0.4/9.1 | 0.1/9.5 |
| COS | 0.33 | -0.1/-0.1 | 0.1/0.9 | 0.8/3.1 | 0.3/1.9 | -0.5/4.0 | -0.5/4.7 | -0.3/5.5 | -0.0/10.7 | 0.1/11.1 | -0.3/11.5 | 0.1/11.8 | 0.6/12.2 | 0.9/12.6 | 1.9/12.9 | 1.8/13.3 |
| COU | 0.94 | 0.4/0.3 | 0.7/1.3 | 0.5/1.3 | 1.3/3.0 | 1.1/2.3 | 1.0/2.9 | 0.5/3.4 | -0.1/11.7 | -0.2/12.1 | 0.5/12.5 | 1.2/12.9 | 1.0/13.3 | 2.1/13.6 | 2.2/14.0 | 2.1/14.4 |
| CQT | 1.23 | -0.1/-1.5 | -0.2/-4.1 | -0.2/-3.7 | -0.0/-2.8 | 0.5/-2.3 | 1.1/-2.0 | 1.4/-2.4 | 1.8/2.4 | 1.9/2.6 | 1.4/2.7 | 1.4/2.9 | 1.9/3.1 | 2.4/3.2 | 2.4/3.4 | 2.6/3.5 |
| CRP | -0.01 | 0.2/-0.4 | 0.4/-0.0 | 0.6/0.5 | 0.5/-0.2 | 0.5/0.8 | 0.7/0.8 | 0.6/-0.2 | 0.4/0.5 | -0.2/0.7 | -0.1/0.9 | -0.2/1.2 | -0.6/1.4 | -0.8/1.6 | -1.1/1.8 | -1.1/2.0 |
| CRW | -1.34 | -0.6/-0.2 | -0.3/-0.8 | -0.5/1.0 | -0.5/0.8 | -1.1/2.4 | -1.5/0.4 | -2.1/-0.0 | -2.0/4.5 | -2.6/4.9 | -1.9/5.2 | -1.8/5.6 | -1.6/5.9 | -1.3/6.3 | -1.0/6.6 | -1.2/7.0 |
| CVG | -1.51 | -0.3/-0.0 | -0.2/0.9 | -0.4/1.4 | -0.8/2.4 | -1.2/3.1 | -1.0/1.7 | -1.2/1.1 | -1.2/8.1 | -1.9/8.5 | -2.6/8.9 | -2.0/9.3 | -2.3/9.7 | -2.5/10.1 | -2.4/10.5 | -2.8/10.9 |
| DAY | -1.42 | -0.4/0.4 | -0.3/1.6 | -0.3/1.1 | -0.4/1.2 | -1.0/2.2 | -0.7/2.0 | -1.1/1.3 | -1.1/6.9 | -1.7/7.3 | -2.2/7.8 | -2.1/8.2 | -2.2/8.6 | -2.5/9.0 | -2.3/9.5 | -2.8/9.8 |
| DBQ | 0.77 | -0.2/-0.0 | -0.2/0.1 | -0.4/1.2 | -0.2/1.4 | -0.1/2.8 | -0.7/2.8 | -0.5/3.5 | 0.0/11.1 | 0.1/11.5 | 0.6/12.0 | 1.5/12.4 | 2.0/12.8 | 2.9/13.2 | 3.3/13.5 | 3.3/13.9 |
| DCA | -0.79 | 0.4/-0.7 | 0.8/-0.7 | -0.0/-0.1 | 0.0/0.3 | -0.0/-0.1 | 0.0/-0.3 | 0.5/-0.1 | -0.4/4.5 | -0.8/4.9 | -2.1/5.3 | -1.5/5.7 | -1.7/6.1 | -2.2/6.5 | -2.3/6.8 | -2.4/7.2 |
| DEC | -0.18 | 0.2/0.2 | 0.4/1.3 | 0.6/1.3 | 0.3/2.5 | 0.5/4.2 | 0.5/3.0 | 0.3/2.9 | -0.0/12.4 | -0.7/12.8 | -0.7/13.3 | -0.4/13.7 | -1.2/14.2 | -0.8/14.6 | -0.6/15.0 | -1.0/15.4 |
| DEN | 3.61 | 1.1/0.1 | 2.2/1.1 | 2.9/1.8 | 3.2/1.5 | 3.3/3.1 | 2.9/5.1 | 3.3/5.0 | 4.0/13.9 | 4.0/14.4 | 3.9/14.7 | 3.5/15.2 | 3.9/15.5 | 4.6/15.9 | 5.6/16.3 | 5.8/16.7 |
| DFW | -0.36 | -0.2/-1.3 | 0.2/0.2 | 0.5/3.5 | 1.0/4.9 | 1.1/4.4 | 1.2/3.9 | 0.4/4.8 | 0.0/8.4 | -0.8/8.7 | -1.1/9.1 | -1.2/9.4 | -1.8/9.7 | -1.4/10.1 | -1.7/10.4 | -1.7/10.7 |
| DLH | 2.44 | 0.2/1.7 | 0.3/2.0 | 0.2/0.8 | 0.3/1.8 | 0.1/0.2 | 0.1/1.1 | 0.6/2.8 | 1.7/10.9 | 2.5/11.3 | 2.7/11.7 | 3.5/12.2 | 4.5/12.6 | 6.1/13.0 | 7.0/13.4 | 6.6/13.8 |
| DSM | 1.72 | 0.5/-0.8 | 0.7/-0.8 | 0.7/-0.5 | 1.1/1.9 | 0.9/1.9 | 0.8/1.7 | 1.1/3.4 | 1.7/11.5 | 1.8/11.9 | 2.3/12.3 | 2.5/12.7 | 2.5/13.2 | 3.0/13.6 | 3.2/14.0 | 2.8/14.4 |
| DTW | 0.26 | -0.0/-0.6 | -0.2/-0.2 | -0.4/-0.3 | -0.3/0.2 | -0.1/0.8 | -0.3/0.6 | -0.2/0.4 | 0.0/6.3 | -0.2/6.7 | 0.2/7.1 | 1.1/7.5 | 1.0/8.0 | 0.9/8.4 | 1.4/8.8 | 1.0/9.3 |
| ELP | -0.65 | -0.5/-0.5 | -0.0/0.3 | 0.0/1.6 | 0.1/1.7 | -0.2/1.3 | 0.8/1.7 | -1.4/1.5 | -0.8/2.9 | -0.7/3.2 | -1.5/3.5 | -1.0/3.9 | -1.1/4.2 | -1.1/4.5 | -1.1/4.8 | -1.4/5.1 |
| ERI | -1.10 | 0.2/-0.5 | 0.1/-0.4 | -0.1/-0.4 | -0.1/0.1 | -0.2/0.7 | -0.4/0.5 | -0.8/0.0 | -0.7/6.6 | -1.5/7.0 | -2.0/7.4 | -1.6/7.7 | -1.9/8.1 | -2.3/8.5 | -2.3/8.8 | -2.7/9.2 |
| EUG | 1.06 | 0.0/-0.6 | -0.0/-0.2 | 0.4/-0.3 | 0.6/-0.1 | 0.2/0.2 | 0.0/1.6 | 0.7/1.3 | 0.8/5.7 | 0.5/6.1 | 1.4/6.6 | 1.9/7.0 | 2.4/7.5 | 2.0/7.9 | 2.3/8.3 | 2.6/8.7 |
| EVV | 1.00 | 0.5/0.8 | 0.7/1.9 | 0.9/2.6 | 0.7/4.9 | 0.6/5.4 | 0.5/3.2 | 0.2/3.5 | 0.1/10.4 | 0.2/10.8 | 0.5/11.2 | 1.2/11.6 | 1.8/12.0 | 2.0/12.4 | 2.6/12.7 | 2.5/13.1 |
| EWR | -1.42 | 0.0/-1.4 | -0.6/-1.9 | -1.1/-0.7 | -1.5/-0.1 | -1.1/0.1 | -1.0/-0.7 | -0.8/-0.6 | -0.8/3.9 | -1.0/4.2 | -1.8/4.6 | -1.9/5.0 | -1.9/5.4 | -2.5/5.7 | -2.9/6.1 | -2.6/6.5 |
| FAR | 1.92 | -0.1/1.8 | -0.0/1.8 | -0.2/0.2 | -0.0/1.4 | -0.0/1.8 | -0.2/2.0 | 0.7/3.7 | 1.9/12.6 | 2.6/13.1 | 2.5/13.6 | 2.9/14.1 | 3.8/14.5 | 4.7/15.0 | 4.9/15.4 | 5.2/15.8 |
| FAT | 2.91 | 0.4/0.5 | 0.3/1.1 | 0.5/1.3 | 0.7/2.5 | 0.6/3.2 | 0.9/3.6 | 2.0/3.6 | 2.1/6.0 | 2.6/6.4 | 3.6/6.7 | 5.0/7.1 | 5.7/7.5 | 6.1/7.8 | 6.4/8.2 | 6.8/8.6 |
| FLG | 0.64 | -0.3/-0.1 | -0.1/-0.0 | 0.3/0.2 | 0.2/-0.4 | 0.2/1.4 | -0.1/3.2 | 0.1/1.5 | 0.2/5.2 | 0.5/5.5 | 0.5/5.9 | 1.1/6.3 | 1.7/6.7 | 1.5/7.0 | 2.0/7.4 | 1.9/7.8 |
| FMY | 0.82 | 0.1/1.1 | 0.3/1.0 | 0.5/0.6 | 0.3/0.3 | 0.5/-0.2 | 0.8/-0.2 | 0.9/-1.3 | 0.9/-1.0 | 1.1/-0.8 | 1.2/-0.7 | 1.2/-0.5 | 1.2/-0.4 | 1.2/-0.3 | 1.1/-0.1 | 0.9/0.0 |
| FSD | 1.24 | -0.2/0.4 | -0.1/0.7 | -0.1/0.3 | -0.2/1.9 | -0.7/2.3 | -0.5/3.0 | 0.3/4.7 | 1.0/15.0 | 1.5/15.5 | 1.6/16.0 | 2.0/16.5 | 2.7/16.9 | 3.7/17.4 | 3.9/17.8 | 3.8/18.2 |
| FWA | -1.02 | 0.4/-0.5 | 0.5/0.8 | 0.5/0.7 | 0.4/0.7 | 0.1/0.6 | -0.4/0.9 | -0.5/0.8 | -0.9/7.4 | -1.4/7.8 | -2.4/8.3 | -1.9/8.7 | -2.2/9.2 | -2.5/9.6 | -2.1/10.0 | -2.6/10.5 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GAD | 0.18 | -0.1/-0.6 | 0.8/-0.2 | 0.8/0.9 | 1.3/2.7 | 0.8/2.7 | 0.7/2.5 | 0.9/2.9 | 0.4/6.6 | -0.2/7.0 | -1.1/7.3 | -0.5/7.6 | -0.3/8.0 | 0.0/8.3 | -0.1/8.6 | -0.8/9.0 |
| GEG | 2.73 | -0.1/1.6 | -0.1/1.2 | -0.0/1.8 | 0.3/2.3 | 0.7/2.7 | 1.1/3.2 | 1.7/4.2 | 2.0/9.9 | 3.1/10.4 | 3.4/10.9 | 4.1/11.4 | 5.1/11.8 | 5.6/12.3 | 6.5/12.7 | 7.6/13.2 |
| GTF | 3.84 | -0.0/0.4 | -0.4/0.1 | -0.9/1.5 | -1.1/1.0 | -1.0/1.5 | 0.0/2.6 | 1.2/4.4 | 1.9/12.7 | 3.3/13.1 | 5.5/13.5 | 7.2/13.9 | 9.3/14.3 | 10.4/14.6 | 10.4/15.0 | 11.7/15.4 |
| HOU | -0.54 | 0.2/-1.4 | 0.5/-0.7 | 0.4/0.1 | 0.0/0.3 | -0.2/1.3 | 0.5/0.8 | 0.6/0.0 | -0.3/3.4 | -1.2/3.6 | -1.5/3.9 | -1.2/4.2 | -1.5/4.4 | -1.3/4.7 | -1.4/4.9 | -1.7/5.2 |
| HSV | 0.06 | 0.5/-1.8 | 1.1/-0.7 | 1.1/1.1 | 1.6/1.9 | 1.1/2.3 | 0.7/0.8 | 0.8/1.4 | 0.5/4.8 | -0.5/5.2 | -1.6/5.5 | -0.9/5.9 | -0.7/6.3 | -0.7/6.6 | -0.8/6.9 | -1.2/7.3 |
| IAH | -1.75 | -0.0/-1.2 | 0.4/-1.4 | -0.1/-0.2 | 0.0/0.5 | -0.5/0.9 | -0.1/0.2 | -0.3/0.5 | -1.6/3.6 | -2.5/3.9 | -3.6/4.2 | -3.3/4.4 | -3.8/4.7 | -3.6/4.9 | -3.6/5.2 | -3.7/5.4 |
| ICT | 0.90 | 0.5/0.7 | 0.3/0.2 | 0.9/1.8 | 1.7/3.8 | 1.1/2.3 | 1.2/4.1 | 0.9/4.2 | 0.5/12.5 | 0.5/12.9 | 0.7/13.4 | 0.7/13.7 | 0.6/14.2 | 1.2/14.5 | 1.6/14.9 | 1.3/15.3 |
| ILG | -0.92 | 0.0/0.1 | 0.4/-0.5 | 0.0/0.7 | 0.1/0.4 | 0.2/0.5 | 0.3/0.3 | 0.4/-0.3 | -0.5/4.6 | -0.5/5.0 | -2.1/5.4 | -1.9/5.8 | -2.1/6.2 | -2.6/6.5 | -2.8/6.9 | -2.8/7.3 |
| IND | -0.46 | 0.1/0.7 | 0.4/2.3 | 0.4/1.5 | 0.1/2.9 | 0.1/3.1 | 0.4/2.2 | -0.1/2.0 | -0.2/9.1 | -0.9/9.5 | -1.4/9.9 | -0.9/10.4 | -1.3/10.8 | -1.3/11.2 | -1.0/11.6 | -1.4/12.0 |
| IPT | -1.01 | -0.4/-1.9 | -0.3/-1.9 | -0.4/-1.7 | -0.2/-1.3 | 0.1/-0.7 | 0.0/-1.2 | -0.1/-0.9 | -0.6/4.1 | -0.6/4.5 | -2.2/4.9 | -1.7/5.3 | -1.8/5.7 | -2.4/6.1 | -2.4/6.5 | -2.2/6.8 |
| JAN | 0.83 | 0.1/0.3 | 0.6/0.4 | 0.5/1.4 | 0.9/1.7 | 1.1/3.0 | 1.3/1.5 | 1.4/2.2 | 1.6/5.7 | 0.8/6.1 | 0.5/6.4 | 0.6/6.7 | 0.8/7.1 | 1.0/7.4 | 0.8/7.7 | 0.5/8.1 |
| JAX | -0.46 | -0.0/-0.3 | -0.1/0.4 | 0.0/0.0 | 0.2/-0.1 | 0.7/1.1 | 0.4/0.5 | 0.2/-0.5 | -0.1/-1.6 | -0.3/-1.4 | -1.1/-1.1 | -1.2/-0.9 | -1.3/-0.7 | -1.1/-0.4 | -1.4/-0.2 | -1.8/0.1 |
| JFK | 0.27 | 0.2/-0.7 | 0.4/-1.5 | 0.1/0.4 | 0.4/-0.1 | 0.7/-0.2 | 0.9/-0.8 | 0.9/-0.2 | 0.6/4.4 | 0.6/4.7 | 0.1/5.1 | 0.2/5.5 | -0.2/5.8 | -0.3/6.2 | -0.4/6.5 | -0.1/6.9 |
| LAN | 0.05 | -0.1/-0.5 | -0.2/0.1 | -0.3/0.3 | -0.4/1.6 | -0.3/1.2 | -0.5/1.7 | -0.4/1.2 | -0.5/7.2 | -0.5/7.6 | -0.1/8.0 | 0.8/8.5 | 0.7/8.9 | 0.6/9.3 | 1.2/9.7 | 0.7/10.1 |
| LAS | 2.30 | 0.6/2.0 | 0.9/2.3 | 1.0/2.7 | 1.2/2.6 | 1.4/3.2 | 1.3/3.4 | 1.6/3.9 | 2.2/6.6 | 2.5/7.0 | 2.5/7.5 | 3.0/8.0 | 3.5/8.4 | 3.8/8.9 | 4.5/9.3 | 4.5/9.7 |
| LAX | -0.31 | -0.9/-1.3 | -1.2/-2.3 | -1.2/-1.9 | -1.2/-1.8 | -1.1/-1.3 | -0.9/-1.3 | -0.5/-0.7 | -0.1/2.8 | 0.1/2.9 | -0.3/2.9 | -0.2/3.0 | 0.1/3.1 | 0.6/3.1 | 0.8/3.2 | 1.2/3.3 |
| LEX | -0.38 | -0.5/2.0 | -0.4/2.1 | -0.4/3.1 | -0.5/4.6 | -0.8/5.0 | -0.9/2.6 | -1.2/2.4 | -1.0/8.4 | -1.2/8.7 | -0.7/9.1 | -0.1/9.5 | 0.3/9.9 | 0.2/10.3 | 0.8/10.7 | 0.8/11.1 |
| LFK | -0.03 | -0.3/-0.9 | 0.3/-0.1 | 0.2/0.6 | 0.5/1.8 | 0.1/1.7 | 0.5/0.4 | 1.3/0.7 | 0.3/5.6 | -0.6/5.9 | -0.7/6.2 | -0.6/6.5 | -0.8/6.8 | -0.4/7.1 | -0.3/7.4 | -0.1/7.6 |
| LGA | -1.75 | -0.3/-0.5 | -1.0/-0.3 | -1.5/0.6 | -1.6/0.3 | -1.3/0.1 | -1.3/-0.5 | -1.1/-0.3 | -1.2/4.3 | -1.4/4.7 | -2.2/5.1 | -2.1/5.5 | -2.3/5.8 | -2.9/6.2 | -3.2/6.6 | -2.9/6.9 |
| LGB | -0.05 | -0.4/-1.7 | -0.9/-2.9 | -1.2/-2.9 | -1.1/-2.7 | -0.9/-2.1 | -0.5/-1.3 | 0.1/-2.2 | 0.8/3.6 | 1.0/3.7 | 0.6/3.9 | -0.6/4.0 | -0.2/4.2 | 0.8/4.4 | 0.7/4.5 | 1.1/4.6 |
| LIT | 0.05 | -0.0/-0.7 | 0.6/0.5 | 0.2/1.5 | 1.3/2.5 | 1.4/4.0 | 1.3/3.3 | 1.1/4.0 | 1.0/9.9 | -0.2/10.3 | -0.7/10.6 | -0.8/11.0 | -1.0/11.3 | -1.1/11.6 | -1.0/12.0 | -1.3/12.3 |
| LNS | -1.38 | -0.3/-0.6 | -0.3/-0.3 | -0.7/0.4 | -0.6/0.1 | -0.4/0.7 | -0.3/0.1 | -0.3/-0.1 | -1.1/1.5 | -1.1/1.9 | -2.5/2.4 | -2.2/2.8 | -2.4/3.2 | -2.8/3.6 | -2.9/4.0 | -2.8/4.4 |
| MAF | 0.61 | 0.4/-0.7 | 1.1/1.6 | 1.5/2.5 | 0.8/1.2 | 1.3/2.4 | 1.5/1.2 | 0.8/1.0 | 0.3/4.1 | 0.4/4.4 | 0.4/4.6 | 0.1/5.0 | -0.0/5.3 | 0.4/5.5 | 0.0/5.8 | 0.2/6.1 |
| MBA | -1.45 | -0.1/0.7 | -0.7/-1.1 | -1.1/1.2 | -1.4/-0.0 | -1.2/-0.3 | -1.2/-1.5 | -1.1/0.3 | -0.9/5.1 | -1.2/5.4 | -2.0/5.8 | -1.8/6.1 | -1.8/6.5 | -2.3/6.8 | -2.8/7.2 | -2.3/7.5 |
| MCI | -0.06 | -0.0/0.0 | -0.5/0.1 | 0.0/1.3 | 0.6/1.7 | -0.1/1.8 | -0.1/2.3 | -0.4/3.5 | -0.4/11.8 | -0.5/12.2 | -0.3/12.6 | -0.1/13.0 | -0.4/13.4 | 0.5/13.7 | 0.5/14.1 | 0.2/14.5 |
| MCN | 0.62 | 0.3/0.9 | 0.4/1.6 | 0.7/2.1 | 1.1/3.2 | 2.0/4.1 | 1.3/3.5 | 1.2/3.4 | 1.0/4.5 | 0.4/4.8 | -0.2/5.1 | 0.3/5.4 | 0.2/5.7 | 0.3/6.0 | 0.1/6.3 | 0.1/6.5 |
| MCO | 0.40 | 0.1/0.4 | 0.2/0.2 | 0.4/0.2 | 0.6/-0.0 | 0.8/-0.4 | 0.7/-0.4 | 0.5/-0.8 | 0.2/-0.8 | 0.3/-0.6 | 0.3/-0.5 | 0.5/-0.3 | 0.6/-0.1 | 0.3/0.1 | 0.4/0.3 | 0.0/0.5 |
| MDT | -0.51 | -0.1/-0.3 | 0.4/-0.6 | 0.1/0.6 | 0.3/-0.1 | 0.3/0.8 | 0.1/0.2 | -0.3/0.1 | -0.8/5.4 | -0.8/5.8 | -1.3/6.2 | -1.0/6.5 | -1.2/6.9 | -1.3/7.3 | -1.1/7.7 | -1.1/8.1 |
| MEM | -0.88 | -0.2/-1.3 | -0.1/-0.0 | 0.4/0.6 | 0.2/2.1 | 0.4/2.8 | 1.1/1.2 | 0.1/2.7 | -0.3/8.6 | -1.3/9.0 | -2.2/9.4 | -2.0/9.7 | -2.2/10.1 | -2.2/10.5 | -2.1/10.8 | -2.6/11.2 |
| MHT | -0.34 | -0.2/0.2 | -0.6/-0.3 | -0.6/1.6 | -0.8/0.5 | -0.4/0.3 | -0.5/-0.7 | -0.4/1.4 | -0.0/5.8 | -0.2/6.2 | -0.2/6.6 | 0.0/6.9 | -0.0/7.3 | -0.3/7.7 | -0.7/8.1 | -0.2/8.5 |
| MIA | 0.25 | -0.0/-0.0 | 0.0/-0.4 | 0.1/-0.3 | -0.0/-0.7 | 0.0/-0.4 | 0.2/-0.5 | 0.4/-0.9 | 0.5/-2.3 | 0.5/-2.2 | 0.6/-2.1 | 0.4/-1.9 | 0.3/-1.8 | 0.4/-1.7 | 0.3/-1.5 | 0.0/-1.4 |
| MKE | 0.16 | -0.4/-0.7 | -0.6/-0.9 | -0.5/-0.9 | -0.5/-0.7 | -0.4/-0.2 | -0.6/2.0 | -0.8/1.8 | -0.5/8.9 | -0.6/9.4 | 0.5/9.8 | 0.9/10.2 | 1.0/10.6 | 1.6/11.0 | 1.8/11.4 | 1.5/11.8 |
| MOB | 1.61 | 0.6/-1.0 | 1.0/0.5 | 1.4/1.0 | 2.1/1.2 | 2.2/2.2 | 2.3/0.7 | 2.4/1.4 | 2.1/3.0 | 1.5/3.3 | 1.3/3.6 | 1.3/3.9 | 1.7/4.1 | 1.6/4.4 | 1.4/4.6 | 1.2/4.9 |
| MSP | 1.62 | -0.0/1.5 | -0.1/2.0 | 0.2/1.2 | 0.4/1.5 | -0.0/3.1 | -0.2/2.9 | 0.3/3.4 | 1.4/12.7 | 2.0/13.2 | 2.0/13.6 | 2.6/14.1 | 3.0/14.5 | 3.9/15.0 | 4.5/15.4 | 4.3/15.8 |
| MSY | 0.24 | 0.0/-0.2 | 0.5/0.5 | 0.7/1.6 | 0.8/1.3 | 0.7/1.7 | 1.1/0.5 | 1.4/1.1 | 1.0/2.1 | 0.4/2.4 | -0.4/2.6 | -0.5/2.9 | -0.4/3.1 | -0.2/3.4 | -0.5/3.6 | -0.9/3.9 |
| MWL | 0.86 | 0.0/0.5 | 0.5/2.7 | 0.6/4.0 | 0.8/6.5 | 0.8/6.3 | 1.0/6.3 | 0.7/5.5 | 0.8/11.5 | 0.8/11.8 | 1.3/12.1 | 1.1/12.4 | 0.2/12.7 | 1.3/13.0 | 1.1/13.3 | 1.8/13.6 |
| NKX | 2.34 | 0.6/-3.5 | 0.6/-4.5 | 0.6/-3.5 | -0.3/-2.9 | -1.1/-4.1 | -1.8/-2.8 | -2.3/-3.4 | 1.5/0.0 | 2.3/0.0 | 5.0/0.0 | 5.5/0.0 | 5.7/0.0 | 6.2/0.0 | 6.0/0.0 | 6.7/0.0 |
| NTU | -1.83 | -0.3/-1.5 | -0.5/-1.0 | -1.1/-0.7 | -1.1/-0.1 | -1.0/-1.0 | -1.0/-0.1 | -0.2/-1.8 | -1.3/2.6 | -1.2/3.0 | -3.3/3.3 | -2.6/3.6 | -3.1/4.0 | -3.5/4.3 | -3.5/4.6 | -3.7/4.9 |
| OAK | 1.42 | 0.2/-0.6 | 0.4/0.1 | 0.7/0.5 | 0.9/0.5 | 1.4/0.4 | 0.9/0.8 | 1.2/1.0 | 1.5/4.7 | 1.4/4.8 | 1.7/4.9 | 2.1/5.1 | 2.3/5.2 | 2.0/5.3 | 2.2/5.4 | 2.4/5.5 |
| OKC | 0.33 | -0.2/-0.2 | -0.1/1.3 | 0.8/3.7 | 1.4/4.9 | 1.5/4.1 | 1.6/3.9 | 0.5/4.4 | -0.2/11.4 | -0.1/11.8 | 0.1/12.2 | -0.1/12.5 | -0.5/12.9 | -0.1/13.2 | 0.2/13.6 | 0.1/13.9 |
| OMA | 1.99 | 0.6/0.8 | 0.6/1.4 | 1.2/0.9 | 1.8/3.4 | 1.3/3.5 | 1.4/4.2 | 1.7/5.8 | 2.1/13.5 | 2.7/14.0 | 2.5/14.4 | 2.5/14.8 | 2.5/15.3 | 3.1/15.6 | 3.2/16.1 | 2.8/16.5 |
| ORD | 0.40 | 0.5/0.8 | 0.3/0.9 | 0.7/2.3 | 0.5/2.6 | 0.6/3.1 | 0.2/3.3 | -0.3/3.7 | -0.2/9.9 | -0.3/10.4 | 0.2/10.8 | 0.7/11.2 | 0.5/11.6 | 0.8/12.0 | 1.2/12.4 | 0.7/12.8 |
| ORH | -1.20 | -0.6/0.5 | -1.2/-0.1 | -1.5/0.0 | -1.8/-0.1 | -1.6/-0.5 | -1.4/-1.4 | -1.3/0.6 | -0.8/5.3 | -1.1/5.6 | -1.1/6.0 | -0.9/6.4 | -0.9/6.7 | -1.1/7.1 | -1.7/7.4 | -1.0/7.8 |
| PDT | 1.20 | -0.6/-0.5 | -0.5/-0.6 | -0.4/0.1 | -0.4/1.6 | -0.7/2.4 | -0.4/3.0 | -0.2/3.9 | 0.1/8.7 | 0.4/9.2 | 1.0/9.6 | 2.4/10.1 | 3.3/10.5 | 3.9/11.0 | 4.6/11.5 | 5.8/11.9 |
| PDX | 1.52 | 0.3/-1.5 | 0.2/-1.4 | -0.1/-0.7 | 0.4/-0.4 | 0.7/-0.3 | 0.4/0.5 | 0.8/0.3 | 1.4/3.9 | 1.3/4.3 | 1.6/4.7 | 2.2/5.1 | 2.9/5.5 | 3.1/5.9 | 3.8/6.3 | 3.9/6.7 |
| PHL | -0.30 | 0.0/0.6 | 0.3/-0.7 | -0.2/1.1 | 0.0/1.4 | 0.4/0.6 | 0.6/0.3 | 1.1/0.1 | 0.6/4.2 | 0.6/4.5 | -0.9/4.9 | -0.9/5.3 | -1.2/5.6 | -1.5/6.0 | -1.8/6.4 | -1.6/6.7 |
| PHX | 1.44 | 0.0/0.3 | 0.1/0.2 | 0.3/1.4 | 0.1/1.5 | 0.4/2.7 | 0.1/3.9 | 0.2/3.0 | 1.0/2.9 | 1.4/3.3 | 1.4/3.7 | 2.2/4.1 | 2.9/4.5 | 3.3/4.9 | 4.0/5.3 | 4.2/5.6 |
| PIR | 3.25 | -0.5/3.0 | 0.1/3.7 | 0.5/3.7 | 0.3/3.8 | 0.4/4.7 | 0.5/6.0 | 1.9/8.4 | 2.8/18.4 | 3.4/18.9 | 4.4/19.5 | 4.9/20.0 | 6.2/20.5 | 7.7/21.0 | 7.9/21.5 | 8.2/22.0 |
| PIT | -1.29 | -0.2/-0.7 | 0.0/-0.7 | -0.5/-0.3 | -0.2/-0.7 | -0.7/0.3 | -1.1/0.3 | -1.4/0.3 | -1.4/5.9 | -2.2/6.3 | -1.9/6.7 | -1.7/7.1 | -1.7/7.5 | -2.0/7.9 | -2.0/8.4 | -2.4/8.7 |
| PVD | -1.61 | 0.1/0.9 | -0.4/-0.2 | -1.2/0.5 | -1.5/0.1 | -1.2/0.1 | -1.0/-0.5 | -0.9/0.3 | -0.8/4.7 | -1.0/5.1 | -2.3/5.4 | -2.3/5.8 | -2.3/6.1 | -2.9/6.5 | -3.3/6.8 | -3.1/7.2 |
| PWM | 0.22 | 0.6/-0.7 | 0.2/0.7 | 0.0/0.3 | 0.1/0.9 | 0.2/2.1 | 0.2/1.1 | 0.4/1.8 | 0.8/5.0 | 0.7/5.3 | 0.2/5.7 | 0.3/6.1 | 0.3/6.4 | -0.1/6.8 | -0.6/7.2 | -0.0/7.5 |
| RAL | 3.69 | 0.5/1.3 | 0.6/0.0 | 0.9/0.4 | 1.2/1.1 | 2.3/2.1 | 2.8/2.2 | 4.0/2.6 | 4.8/6.2 | 5.0/6.5 | 5.4/6.7 | 5.2/7.0 | 5.5/7.3 | 5.8/7.5 | 5.5/7.8 | 5.8/8.1 |
| RAP | 2.78 | -0.0/2.7 | -0.3/1.1 | -0.4/0.9 | -1.2/3.6 | -1.5/3.2 | -1.0/6.2 | 1.0/8.4 | 2.4/16.7 | 2.9/17.2 | 3.7/17.7 | 5.3/18.2 | 7.4/18.6 | 7.9/19.1 | 7.4/19.5 | 8.0/20.0 |
| RBL | 1.97 | 0.5/0.6 | 0.7/0.8 | 0.7/0.6 | 0.6/1.5 | 0.0/0.7 | 0.6/1.3 | 1.6/1.4 | 1.7/7.6 | 1.9/8.1 | 1.9/8.5 | 3.2/8.9 | 3.6/9.3 | 3.8/9.7 | 4.3/10.1 | 4.5/10.5 |
| RDD | 0.61 | 0.1/0.3 | 0.5/0.4 | 0.6/0.3 | 0.2/1.0 | -0.5/0.9 | -0.6/1.4 | 0.1/1.9 | -0.3/6.9 | -0.3/7.4 | -0.7/7.8 | 0.9/8.2 | 1.7/8.6 | 2.1/9.0 | 2.6/9.4 | 2.7/9.8 |
| RDU | 0.10 | 0.9/0.1 | 1.4/1.1 | 0.6/0.7 | 0.6/3.0 | 1.2/1.6 | 1.1/2.2 | 1.5/1.5 | 0.4/4.0 | -0.3/4.3 | -1.4/4.6 | -0.6/4.9 | -0.8/5.3 | -1.2/5.6 | -0.9/5.9 | -1.2/6.2 |
| RIC | -0.07 | 0.4/-0.1 | 0.7/-0.0 | 0.2/0.6 | 0.1/1.1 | 0.3/0.6 | 0.6/-0.0 | 1.5/0.2 | 0.4/2.8 | 0.5/3.2 | -1.0/3.5 | -0.4/3.9 | -0.8/4.3 | -1.1/4.6 | -1.2/5.0 | -1.2/5.4 |
| RNO | 0.74 | -0.2/-0.1 | -0.4/1.3 | -0.2/2.1 | 0.0/0.4 | -0.2/1.7 | -1.0/3.3 | -0.4/3.0 | 0.1/6.8 | 0.4/7.2 | 0.2/7.6 | 1.0/8.1 | 1.9/8.5 | 2.8/8.9 | 3.1/9.3 | 3.9/9.6 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ROA | -1.43 | -0.2/-0.4 | 0.5/-0.2 | -0.3/-0.2 | -0.3/0.4 | -0.2/0.1 | -0.5/0.6 | -0.5/-1.1 | -1.0/4.1 | -1.9/4.5 | -3.1/4.8 | -2.2/5.2 | -2.5/5.5 | -2.9/5.8 | -3.0/6.2 | -3.2/6.5 |
| ROC | -0.18 | -0.1/0.1 | -0.0/0.1 | -0.4/0.5 | -0.2/1.6 | -0.2/1.2 | -0.2/0.8 | -0.3/1.1 | -0.1/6.5 | 0.2/6.9 | -0.1/7.3 | 0.2/7.7 | -0.1/8.1 | -0.4/8.5 | -0.5/8.8 | -0.4/9.2 |
| SAC | 2.28 | 0.4/0.2 | 0.4/0.6 | 0.7/0.6 | 1.0/1.1 | 0.8/1.5 | 1.2/1.4 | 1.7/1.9 | 1.9/6.7 | 2.0/7.1 | 2.1/7.4 | 3.8/7.8 | 4.3/8.1 | 4.3/8.5 | 4.6/8.8 | 4.9/9.1 |
| SAN | 0.92 | -0.2/-0.8 | -0.2/-1.3 | -0.2/-1.0 | -0.2/-0.3 | 0.1/-0.5 | 0.6/-0.1 | 1.2/-0.3 | 1.5/3.0 | 1.9/3.1 | 1.6/3.3 | 0.9/3.4 | 1.2/3.5 | 1.7/3.6 | 1.8/3.7 | 2.2/3.8 |
| SAT | -1.29 | -0.1/0.0 | 0.0/0.4 | -0.8/2.5 | -0.4/1.6 | -0.3/2.6 | -0.0/2.3 | -0.9/1.4 | -1.2/4.6 | -2.3/4.9 | -1.9/5.2 | -1.9/5.5 | -2.5/5.7 | -2.2/6.0 | -2.5/6.3 | -2.4/6.5 |
| SAV | -0.52 | -0.2/0.0 | -0.1/-0.5 | 0.3/0.4 | 0.2/1.2 | 0.7/2.5 | 0.4/1.2 | 0.2/0.6 | -0.2/1.3 | -0.5/1.5 | -1.8/1.8 | -1.2/2.1 | -1.4/2.4 | -1.3/2.6 | -1.2/2.9 | -1.6/3.2 |
| SDF | 0.35 | 0.3/1.5 | 0.4/2.5 | 0.4/4.1 | 0.2/4.2 | -0.0/5.3 | -0.2/3.1 | -0.2/2.9 | -0.3/7.9 | -0.5/8.3 | -0.3/8.6 | 0.4/9.0 | 1.0/9.4 | 1.0/9.8 | 1.4/10.2 | 1.6/10.5 |
| SEA | 0.54 | -0.2/-1.1 | -0.2/-1.8 | -0.3/-1.4 | -0.0/-0.7 | 0.2/-0.7 | 0.6/-0.2 | 0.3/0.4 | 0.6/3.8 | 0.7/4.2 | -0.2/4.5 | 0.6/4.9 | 1.0/5.3 | 1.3/5.6 | 1.8/6.0 | 2.0/6.4 |
| SFO | 0.08 | -0.5/-1.6 | -0.6/-1.5 | -0.4/-0.6 | -0.4/-0.4 | -0.2/-0.3 | -0.6/-0.2 | -0.6/0.4 | -0.8/1.6 | -0.5/1.7 | -0.2/1.9 | 1.0/2.0 | 1.4/2.2 | 1.0/2.3 | 1.1/2.4 | 1.5/2.5 |
| SJC | 2.66 | 0.5/-1.0 | 0.6/-0.2 | 1.1/0.1 | 1.5/0.6 | 2.2/0.5 | 2.4/0.6 | 3.5/1.6 | 4.3/5.4 | 4.8/5.6 | 2.8/5.9 | 2.6/6.2 | 3.2/6.4 | 3.2/6.6 | 3.5/6.8 | 3.8/7.0 |
| SJT | -0.14 | -0.2/-1.7 | 0.4/0.0 | 0.4/1.1 | 0.2/0.5 | 0.5/1.2 | 0.7/0.5 | -0.1/-0.9 | -0.7/2.6 | -0.7/2.9 | -0.2/3.3 | -0.2/3.5 | -0.9/3.8 | -0.5/4.1 | -0.6/4.4 | -0.2/4.7 |
| SLC | 1.00 | -0.4/-1.3 | -0.3/1.5 | -0.8/-0.0 | -0.8/2.2 | -0.4/1.7 | -0.6/2.9 | -0.5/2.8 | 0.3/7.8 | 0.7/8.2 | 0.7/8.7 | 1.4/9.1 | 2.5/9.6 | 3.6/10.0 | 4.5/10.5 | 5.2/10.9 |
| SSI | -0.00 | -0.3/0.0 | -0.3/0.7 | -0.0/1.2 | 0.0/1.1 | 0.7/2.0 | 0.8/0.9 | 0.6/0.9 | 0.1/0.0 | 0.5/0.3 | -0.0/0.5 | -0.2/0.8 | -0.4/1.0 | -0.3/1.3 | -0.3/1.5 | -0.9/1.8 |
| STL | 0.32 | 0.4/0.1 | 0.6/0.7 | 0.8/1.2 | 1.2/2.3 | 1.2/2.5 | 1.2/2.8 | 0.8/2.7 | 0.4/10.1 | -0.2/10.5 | 0.0/10.9 | 0.0/11.3 | -0.8/11.7 | -0.3/12.1 | 0.0/12.5 | -0.5/12.9 |
| SYR | -0.15 | -0.2/0.8 | -0.4/0.5 | -0.4/0.6 | -0.2/1.4 | 0.0/0.5 | -0.5/0.2 | -0.9/0.5 | -0.5/5.7 | -0.2/6.1 | -0.4/6.5 | 0.3/6.9 | 0.0/7.3 | 0.1/7.7 | 0.4/8.1 | 0.7/8.5 |
| TLH | 0.17 | -0.1/-0.7 | 0.1/-1.1 | 0.4/-0.5 | 0.8/0.0 | 1.1/0.3 | 1.1/0.2 | 0.8/-0.7 | 0.6/0.5 | 0.1/0.8 | -0.3/1.1 | -0.1/1.3 | -0.5/1.6 | -0.4/1.8 | -0.6/2.1 | -0.7/2.3 |
| TPA | 0.78 | -0.1/1.0 | 0.1/1.3 | 0.4/1.1 | 0.5/0.7 | 0.8/0.4 | 1.0/0.3 | 1.0/0.0 | 0.9/-0.5 | 1.1/-0.3 | 1.1/-0.2 | 1.2/0.0 | 1.1/0.2 | 1.0/0.4 | 0.8/0.6 | 0.7/0.7 |
| TRM | 2.24 | 0.8/0.4 | 0.7/0.5 | 0.7/1.0 | 0.9/1.4 | 1.0/1.9 | 1.1/2.7 | 2.0/2.8 | 2.2/5.4 | 2.3/5.7 | 2.8/6.1 | 2.5/6.5 | 3.1/6.8 | 4.0/7.2 | 4.7/7.5 | 4.9/7.8 |
| TUL | 0.72 | 0.2/1.8 | 0.4/1.9 | 0.7/4.3 | 1.8/5.0 | 1.9/5.1 | 2.0/4.8 | 1.3/5.5 | 0.6/12.1 | 0.2/12.5 | 0.4/12.8 | 0.5/13.2 | -0.2/13.5 | 0.3/13.8 | 0.5/14.2 | 0.2/14.5 |
| TUS | 1.58 | 0.1/-0.6 | 0.1/-0.4 | 0.2/-0.5 | 0.3/0.5 | 0.8/1.9 | 0.3/2.3 | 0.4/1.7 | 1.5/2.9 | 2.0/3.3 | 1.9/3.7 | 2.4/4.0 | 3.0/4.4 | 3.5/4.8 | 3.8/5.1 | 3.5/5.5 |
| TYR | -0.46 | -0.6/-0.2 | -0.2/-0.3 | -0.2/2.2 | 0.2/3.9 | -0.2/3.4 | 0.1/2.2 | 0.3/2.8 | -0.1/7.7 | -1.1/8.0 | -1.1/8.4 | -1.1/8.7 | -1.1/9.0 | -0.9/9.4 | -0.5/9.6 | -0.4/10.0 |
| TYS | -0.61 | 0.3/-0.3 | 0.5/0.1 | 0.4/1.0 | 1.0/3.0 | 0.6/3.4 | 0.0/1.7 | 0.4/1.1 | -0.8/4.9 | -1.5/5.3 | -1.7/5.7 | -1.4/6.0 | -1.6/6.4 | -1.5/6.8 | -1.7/7.2 | -2.2/7.5 |
| VCT | 0.16 | 0.3/-0.4 | 0.6/-0.2 | 0.4/0.2 | 0.4/0.7 | 0.3/1.5 | 0.8/0.8 | 0.7/-0.1 | 0.2/2.5 | -0.3/2.8 | -0.1/3.0 | 0.2/3.3 | -0.6/3.5 | -0.3/3.7 | -0.4/4.0 | 0.0/4.2 |
| WJF | 3.14 | 0.4/0.2 | 0.5/0.9 | 0.8/1.2 | 1.0/0.9 | 0.9/1.8 | 1.2/2.5 | 2.4/2.4 | 2.5/3.4 | 2.9/3.8 | 4.0/4.2 | 4.8/4.5 | 5.6/4.9 | 6.5/5.3 | 6.7/5.6 | 6.9/6.0 |
| YKM | 1.34 | -0.4/3.2 | -0.1/3.4 | -0.1/2.7 | -0.1/3.1 | -0.3/3.0 | 0.3/3.5 | 0.3/3.5 | 0.4/8.7 | 0.8/9.2 | 1.0/9.6 | 2.1/10.1 | 2.9/10.6 | 3.6/11.0 | 4.3/11.5 | 5.4/11.9 |
| YNG | -0.38 | -0.1/-0.7 | -0.1/-0.6 | -0.1/0.3 | 0.0/0.0 | -0.4/1.1 | -0.4/0.9 | -0.8/0.3 | -0.5/5.8 | -0.7/6.2 | -0.6/6.6 | -0.1/7.0 | -0.2/7.4 | -0.5/7.8 | -0.5/8.2 | -0.7/8.6 |
| YQB | 0.22 | -0.8/0.0 | -1.1/0.0 | -1.1/0.0 | -0.7/0.0 | -0.5/0.0 | -0.3/0.0 | -0.6/0.0 | -0.1/7.5 | 0.5/7.9 | 1.1/8.3 | 1.4/8.7 | 1.3/9.1 | 1.2/9.5 | 1.6/10.0 | 1.6/10.4 |
| YUL | 0.54 | 0.0/0.0 | 0.0/0.0 | -0.3/0.0 | -0.4/0.0 | -0.0/0.0 | 0.3/0.0 | 0.2/0.0 | 0.6/7.3 | 0.4/7.7 | 0.7/8.1 | 1.6/8.5 | 1.2/8.9 | 1.0/9.3 | 1.3/9.7 | 1.4/10.1 |
| YVR | 1.87 | 0.0/0.0 | 0.1/0.0 | 0.3/0.0 | 0.1/0.0 | 0.3/0.0 | 0.4/0.0 | 0.8/0.0 | 1.4/2.7 | 1.6/3.1 | 2.6/3.4 | 3.1/3.7 | 3.8/4.0 | 3.9/4.3 | 4.5/4.6 | 5.1/4.9 |
| YXD | 3.72 | -0.1/0.0 | 0.2/0.0 | 0.2/0.0 | 0.2/0.0 | 0.1/0.0 | 1.2/0.0 | 2.0/0.0 | 3.0/9.5 | 3.8/9.9 | 4.2/10.4 | 6.8/10.8 | 7.5/11.2 | 7.8/11.6 | 8.7/11.9 | 10.0/12.3 |
| YYC | 4.38 | -0.8/0.0 | -0.8/0.0 | -1.0/0.0 | -0.6/0.0 | 0.8/0.0 | 2.0/0.0 | 2.8/0.0 | 2.9/14.1 | 4.2/14.5 | 5.5/14.8 | 7.7/15.2 | 9.2/15.5 | 10.4/15.8 | 10.9/16.2 | 12.6/16.5 |
| YYZ | 0.76 | -0.2/0.0 | -0.1/0.0 | -0.2/0.0 | 0.0/0.0 | 0.3/0.0 | 0.3/0.0 | 0.3/0.0 | 1.0/5.4 | 0.7/5.8 | 1.9/6.2 | 1.6/6.6 | 1.6/7.1 | 1.4/7.5 | 1.5/7.9 | 1.2/8.3 |

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 ALL

MAE (2009-10-01~2009-10-31)

| | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ABE | 0.28 | 2.9/0.0 | 2.8/3.9 | 2.7/3.9 | 2.8/4.0 | 3.7/5.4 | 3.8/5.1 | 4.2/4.6 | 4.9/7.8 | 5.1/7.9 | 5.4/8.1 | 5.5/8.3 | 5.9/8.3 | 6.1/8.5 | 6.8/8.6 | 7.0/-- |
| ABI | 0.41 | 2.4/0.0 | 2.2/4.8 | 2.8/7.5 | 2.9/8.2 | 3.9/7.8 | 4.9/7.7 | 5.9/7.1 | 5.9/7.8 | 5.6/8.1 | 5.5/8.3 | 5.5/8.6 | 5.5/8.9 | 5.4/9.2 | 5.5/9.4 | 5.4/-- |
| ABQ | -0.02 | 2.8/0.0 | 3.1/2.1 | 3.1/2.4 | 3.1/3.2 | 3.2/3.0 | 3.2/3.4 | 3.5/4.0 | 4.3/5.3 | 5.1/5.4 | 5.2/5.5 | 5.8/5.7 | 6.1/5.8 | 5.7/6.0 | 5.7/6.1 | 5.6/-- |
| ABY | 0.13 | 2.2/0.0 | 2.2/3.4 | 2.4/3.5 | 3.1/3.7 | 3.5/3.4 | 4.8/4.8 | 6.0/5.5 | 7.0/9.4 | 8.0/9.2 | 7.7/9.1 | 7.8/8.9 | 7.6/8.9 | 7.5/8.7 | 8.1/8.6 | 8.2/-- |
| ACT | 0.33 | 2.0/0.0 | 1.9/5.0 | 2.2/6.4 | 2.8/7.2 | 3.0/7.5 | 4.9/7.1 | 6.1/6.5 | 6.1/6.1 | 5.4/6.4 | 5.3/6.5 | 5.0/6.7 | 5.3/6.9 | 5.2/7.2 | 5.2/7.4 | 5.2/-- |
| ACY | 0.15 | 3.9/0.0 | 3.6/3.6 | 3.3/3.3 | 3.5/4.3 | 3.6/4.7 | 3.9/4.5 | 4.0/4.7 | 4.0/6.2 | 5.1/6.1 | 5.2/6.2 | 5.0/6.3 | 5.5/6.5 | 5.6/6.6 | 6.3/6.8 | 6.2/-- |
| ALB | 0.19 | 2.9/0.0 | 2.9/4.3 | 2.9/3.8 | 3.4/4.3 | 4.1/4.9 | 4.6/4.6 | 4.8/4.1 | 4.5/7.1 | 5.3/7.3 | 5.6/7.3 | 5.8/7.4 | 5.6/7.5 | 6.0/7.6 | 6.3/7.8 | 6.2/-- |
| ALW | -0.09 | 3.0/0.0 | 3.4/2.6 | 3.6/2.2 | 3.6/2.4 | 4.2/2.7 | 4.3/4.2 | 4.9/5.5 | 5.7/6.4 | 5.9/6.4 | 5.9/6.6 | 5.7/6.5 | 6.2/6.6 | 6.0/6.8 | 6.4/6.9 | 6.2/-- |
| AOO | 0.24 | 2.2/0.0 | 2.3/2.9 | 2.7/3.4 | 2.8/3.9 | 3.4/4.3 | 3.8/4.2 | 4.1/4.1 | 4.5/7.8 | 5.0/7.9 | 5.3/8.1 | 5.7/8.2 | 6.2/8.4 | 6.5/8.5 | 6.7/8.7 | 6.8/-- |
| APN | 0.17 | 3.6/0.0 | 3.0/3.8 | 2.8/3.8 | 3.2/4.4 | 3.2/4.3 | 3.7/4.3 | 3.7/4.5 | 5.0/6.6 | 5.6/6.7 | 5.3/6.8 | 5.6/6.8 | 6.2/6.9 | 6.6/7.0 | 7.1/7.1 | 6.4/-- |
| ATL | 0.12 | 2.6/0.0 | 3.0/3.0 | 3.6/3.3 | 3.5/4.3 | 3.2/4.5 | 4.1/4.7 | 5.4/4.9 | 5.7/6.2 | 6.0/6.4 | 5.7/6.5 | 5.5/6.6 | 5.6/6.7 | 5.3/7.0 | 5.3/7.2 | 5.3/-- |
| AUG | 0.22 | 2.5/0.0 | 2.5/2.6 | 2.7/3.0 | 2.8/2.5 | 2.6/3.0 | 2.9/3.6 | 3.7/3.9 | 3.4/5.7 | 3.5/5.8 | 3.9/5.9 | 4.2/5.9 | 4.1/6.1 | 3.9/6.3 | 4.5/6.5 | 4.1/-- |
| AUS | 0.24 | 3.7/0.0 | 3.5/4.8 | 3.7/5.4 | 3.9/6.7 | 3.9/6.9 | 5.1/6.2 | 6.9/7.4 | 7.9/9.2 | 8.0/9.3 | 7.3/9.4 | 6.8/9.5 | 7.2/9.7 | 7.8/9.9 | 8.1/10.0 | 8.3/-- |
| AVP | 0.32 | 1.9/0.0 | 1.8/2.8 | 2.1/3.2 | 2.1/3.7 | 2.8/4.4 | 3.2/4.3 | 3.6/3.7 | 4.1/7.4 | 4.8/7.5 | 4.9/7.6 | 5.0/7.7 | 5.5/7.9 | 5.9/8.1 | 6.1/8.4 | 6.2/-- |
| BDL | 0.31 | 2.3/0.0 | 2.2/4.0 | 2.5/3.7 | 2.9/3.7 | 3.4/4.8 | 3.6/4.5 | 3.9/4.1 | 3.3/6.5 | 3.8/6.6 | 4.1/6.6 | 4.5/6.7 | 4.4/6.9 | 4.9/6.9 | 5.9/7.0 | 5.7/-- |
| BFL | 0.25 | 2.1/0.0 | 2.3/2.0 | 2.3/2.5 | 2.4/2.7 | 2.7/3.1 | 2.4/3.7 | 2.9/4.0 | 3.4/6.4 | 4.1/6.5 | 3.8/6.7 | 4.5/6.9 | 4.9/7.0 | 5.4/7.2 | 5.7/7.4 | 5.7/-- |
| BGM | 0.25 | 1.4/0.0 | 1.6/2.5 | 2.1/3.0 | 2.4/3.2 | 3.2/3.7 | 3.6/3.9 | 3.3/4.2 | 3.8/6.5 | 4.4/6.6 | 4.6/6.6 | 4.8/6.7 | 5.0/6.8 | 5.8/6.9 | 5.7/7.1 | 6.0/-- |
| BHM | 0.07 | 2.6/0.0 | 2.8/3.0 | 3.1/4.0 | 3.0/4.2 | 3.4/5.5 | 5.0/5.8 | 6.8/5.6 | 7.4/7.2 | 8.0/7.3 | 6.8/7.2 | 7.0/7.2 | 6.9/7.1 | 6.8/7.1 | 7.1/7.2 | 7.2/-- |
| BIS | 0.17 | 3.0/0.0 | 3.0/3.5 | 3.0/3.6 | 3.4/4.5 | 3.6/4.5 | 3.7/4.3 | 4.0/4.8 | 3.9/5.6 | 4.7/5.5 | 4.7/5.8 | 5.1/5.9 | 5.2/6.0 | 5.1/6.1 | 5.2/6.3 | 5.2/-- |
| BNA | 0.19 | 2.0/0.0 | 1.9/3.7 | 2.3/4.0 | 2.6/4.4 | 2.8/5.1 | 4.3/5.8 | 6.6/6.0 | 6.7/6.8 | 7.4/7.0 | 6.4/7.2 | 6.7/7.3 | 6.7/7.5 | 6.6/7.6 | 6.7/7.9 | 6.1/-- |
| BOI | 0.13 | 2.7/0.0 | 2.7/2.4 | 2.6/2.2 | 3.4/2.4 | 3.0/2.8 | 3.0/4.0 | 3.3/4.6 | 4.4/7.2 | 5.2/7.3 | 5.2/7.5 | 5.4/7.6 | 5.7/7.6 | 6.3/7.8 | 6.6/8.0 | 6.5/-- |
| BOS | 0.18 | 1.9/0.0 | 2.5/2.3 | 2.9/2.6 | 3.2/2.7 | 3.2/3.5 | 3.3/3.5 | 3.4/3.7 | 3.2/5.4 | 3.4/5.6 | 3.4/5.8 | 4.0/5.9 | 4.2/6.2 | 4.3/6.4 | 4.5/6.5 | 4.6/-- |
| BRO | 0.12 | 1.9/0.0 | 1.8/3.4 | 2.6/3.9 | 2.9/4.6 | 3.5/4.5 | 4.5/4.5 | 5.3/4.9 | 5.6/6.3 | 5.5/6.2 | 6.0/6.2 | 5.7/6.3 | 6.1/6.3 | 6.4/6.2 | 6.6/6.2 | 6.9/-- |
| BTV | 0.15 | 2.1/0.0 | 2.4/3.0 | 2.6/3.2 | 2.9/3.7 | 3.6/4.1 | 4.6/4.1 | 5.0/4.0 | 4.7/6.9 | 5.4/7.0 | 5.7/7.1 | 5.7/7.2 | 5.6/7.2 | 5.7/7.3 | 6.0/7.5 | 5.8/-- |
| BUF | 0.26 | 1.9/0.0 | 2.1/2.7 | 2.4/3.2 | 2.8/3.2 | 3.3/4.2 | 3.4/4.1 | 3.6/4.0 | 4.2/6.6 | 4.6/6.8 | 4.4/6.9 | 4.7/7.2 | 5.0/7.4 | 5.4/7.5 | 5.3/7.7 | 5.6/-- |
| BUR | -0.39 | 2.6/0.0 | 2.9/1.9 | 2.8/1.8 | 3.0/1.9 | 2.9/1.7 | 3.3/1.7 | 3.3/2.3 | 3.4/3.2 | 3.4/3.3 | 4.1/3.4 | 4.4/3.3 | 4.4/3.4 | 4.1/3.5 | 4.1/3.5 | 4.0/-- |
| BWI | 0.22 | 2.4/0.0 | 2.4/3.5 | 2.7/3.9 | 2.8/3.9 | 3.3/5.3 | 3.9/4.9 | 4.7/4.4 | 4.6/6.5 | 5.5/6.8 | 5.6/6.9 | 5.5/7.2 | 6.0/7.4 | 6.2/7.6 | 6.4/7.8 | 6.2/-- |
| CAE | 0.13 | 2.6/0.0 | 2.2/3.0 | 2.5/2.5 | 3.2/4.1 | 3.8/4.4 | 4.1/4.5 | 4.9/5.1 | 6.0/6.8 | 6.5/6.9 | 6.0/6.9 | 6.0/7.0 | 6.4/7.1 | 6.0/7.3 | 5.9/7.5 | 5.9/-- |
| CHA | 0.09 | 1.9/0.0 | 1.4/3.4 | 2.0/3.4 | 2.6/4.2 | 3.0/4.1 | 4.9/4.9 | 7.0/6.3 | 7.4/6.5 | 7.9/6.6 | 6.7/6.7 | 7.2/6.7 | 7.2/6.7 | 6.4/6.9 | 6.7/6.9 | 6.6/-- |
| CLE | 0.15 | 2.3/0.0 | 2.8/4.1 | 3.1/4.2 | 3.1/4.1 | 3.5/3.9 | 3.8/4.2 | 4.0/4.0 | 5.0/6.1 | 5.3/6.2 | 5.2/6.4 | 5.6/6.5 | 6.1/6.6 | 6.0/6.9 | 5.9/7.0 | 5.7/-- |
| CLT | 0.25 | 3.1/0.0 | 2.7/3.6 | 2.8/4.0 | 3.7/5.2 | 4.3/5.4 | 4.4/4.8 | 5.2/5.9 | 5.8/7.7 | 6.3/8.0 | 6.2/8.3 | 6.1/8.5 | 6.3/8.8 | 6.2/9.0 | 5.9/9.3 | 6.1/-- |
| CMH | 0.33 | 2.0/0.0 | 2.2/4.0 | 2.7/4.4 | 2.8/5.1 | 3.2/5.0 | 3.9/5.0 | 4.2/5.0 | 4.6/7.1 | 4.9/7.4 | 5.3/7.7 | 5.4/7.9 | 5.8/8.3 | 5.8/8.5 | 5.7/8.8 | 5.1/-- |
| CON | 0.33 | 3.1/0.0 | 3.1/5.3 | 3.0/5.2 | 3.4/5.1 | 4.1/6.1 | 4.4/6.0 | 4.5/5.5 | 4.3/7.5 | 4.7/7.6 | 4.9/7.7 | 5.4/7.9 | 5.2/8.0 | 5.6/8.1 | 6.4/8.4 | 6.0/-- |
| COS | 0.28 | 3.7/0.0 | 3.6/3.3 | 4.1/3.4 | 3.5/4.3 | 3.7/4.1 | 3.3/4.4 | 3.5/4.9 | 3.9/8.1 | 4.1/8.3 | 4.9/8.5 | 5.4/8.7 | 5.3/9.0 | 5.5/9.3 | 5.4/9.5 | 5.9/-- |
| COU | 0.14 | 1.7/0.0 | 2.0/3.1 | 2.9/3.5 | 3.4/4.7 | 4.1/4.5 | 5.5/5.6 | 6.2/6.1 | 6.5/7.8 | 6.8/7.8 | 7.1/8.0 | 7.5/8.2 | 7.2/8.4 | 7.1/8.5 | 7.2/8.6 | 7.3/-- |
| CQT | 0.14 | 1.5/0.0 | 1.7/1.8 | 1.7/1.8 | 1.6/1.9 | 1.7/2.1 | 1.8/2.2 | 2.0/2.0 | 2.2/3.2 | 2.4/3.3 | 2.6/3.3 | 2.7/3.4 | 3.2/3.6 | 3.4/3.6 | 3.4/3.7 | 3.4/-- |
| CRP | 0.13 | 1.8/0.0 | 1.8/3.9 | 2.3/4.1 | 3.0/5.1 | 3.4/5.4 | 5.0/4.8 | 6.1/5.4 | 6.3/6.9 | 7.1/6.8 | 7.0/6.8 | 6.3/7.0 | 6.9/7.0 | 7.5/7.1 | 7.4/7.2 | 7.7/-- |
| CRW | 0.19 | 2.0/0.0 | 2.5/3.2 | 2.5/3.9 | 2.3/4.5 | 3.3/4.9 | 4.4/5.4 | 5.3/5.6 | 5.7/6.4 | 6.1/6.6 | 6.4/6.9 | 6.4/7.1 | 6.5/7.4 | 6.1/7.6 | 6.1/7.9 | 6.0/-- |
| CVG | 0.30 | 2.4/0.0 | 2.3/3.5 | 2.6/4.1 | 3.2/4.7 | 3.2/5.0 | 4.7/5.9 | 5.3/6.3 | 5.2/7.8 | 5.9/8.1 | 6.3/8.5 | 6.3/8.6 | 6.6/9.0 | 6.5/9.3 | 6.0/9.5 | 5.8/-- |
| DAY | 0.31 | 1.6/0.0 | 1.8/3.5 | 2.4/3.7 | 2.5/4.5 | 2.8/4.6 | 3.9/5.1 | 3.9/4.3 | 4.6/7.3 | 5.0/7.4 | 5.6/7.6 | 5.9/7.9 | 6.2/8.1 | 6.3/8.3 | 6.0/8.6 | 5.8/-- |
| DBQ | 0.25 | 1.9/0.0 | 2.7/3.7 | 3.2/4.0 | 3.3/3.9 | 3.7/4.8 | 4.5/5.2 | 5.1/5.4 | 5.6/8.4 | 5.4/8.6 | 5.8/8.8 | 6.4/9.1 | 6.7/9.4 | 6.8/9.5 | 6.9/9.8 | 6.7/-- |
| DCA | 0.17 | 1.8/0.0 | 2.4/2.5 | 2.5/2.4 | 2.5/3.0 | 2.9/3.3 | 3.2/3.4 | 3.6/3.0 | 3.6/5.9 | 4.3/6.0 | 4.7/6.2 | 4.4/6.4 | 4.7/6.6 | 4.8/6.8 | 5.1/7.0 | 5.3/-- |
| DEC | 0.23 | 2.9/0.0 | 2.3/3.5 | 2.3/3.7 | 2.9/4.1 | 3.1/4.5 | 3.8/4.3 | 3.9/4.9 | 5.2/6.9 | 5.2/7.0 | 5.3/7.2 | 6.4/7.3 | 6.0/7.4 | 6.3/7.6 | 6.6/7.8 | 6.5/-- |
| DEN | 0.17 | 4.1/0.0 | 3.9/3.4 | 4.0/4.1 | 4.3/4.4 | 5.3/4.5 | 5.6/4.8 | 5.8/5.5 | 5.2/8.9 | 5.7/9.2 | 5.4/9.5 | 6.1/9.8 | 6.3/10.0 | 6.4/10.3 | 6.7/10.6 | 6.7/-- |
| DFW | 0.37 | 2.1/0.0 | 1.9/4.4 | 2.3/6.0 | 2.8/6.7 | 3.1/7.1 | 4.9/7.1 | 6.2/6.7 | 5.9/6.6 | 5.3/6.9 | 5.3/7.1 | 5.0/7.4 | 4.6/7.6 | 4.6/7.9 | 4.5/8.3 | 4.5/-- |
| DLH | 0.05 | 1.9/0.0 | 2.3/2.6 | 2.6/2.3 | 2.8/3.1 | 2.9/3.0 | 3.6/3.1 | 4.6/4.0 | 4.8/5.5 | 5.0/5.7 | 5.0/5.8 | 5.7/6.1 | 5.9/6.4 | 5.8/6.6 | 5.8/6.8 | 5.9/-- |
| DSM | 0.27 | 2.3/0.0 | 2.1/3.3 | 2.4/3.3 | 2.4/3.5 | 3.3/4.4 | 4.3/4.7 | 5.0/5.4 | 5.2/7.9 | 5.6/8.0 | 5.9/8.3 | 6.2/8.5 | 6.1/8.7 | 6.5/9.0 | 6.1/9.3 | 6.3/-- |
| DTW | 0.32 | 1.8/0.0 | 2.1/3.5 | 2.2/3.8 | 2.6/4.1 | 2.3/3.9 | 3.1/4.2 | 3.2/4.2 | 4.0/7.1 | 4.7/7.2 | 4.8/7.4 | 5.5/7.5 | 5.9/7.8 | 6.2/8.0 | 6.1/8.3 | 5.6/-- |
| ELP | -0.03 | 3.0/0.0 | 2.7/3.8 | 2.8/3.2 | 2.7/3.2 | 3.4/3.6 | 4.5/4.1 | 4.8/3.9 | 5.4/5.0 | 5.2/5.1 | 5.4/5.1 | 5.8/5.2 | 6.3/5.1 | 5.8/5.3 | 5.7/5.3 | 5.7/-- |
| ERI | 0.29 | 3.0/0.0 | 2.8/3.1 | 2.2/3.2 | 2.0/3.1 | 2.8/3.8 | 3.5/4.1 | 3.3/4.6 | 3.8/6.7 | 4.4/6.9 | 4.4/7.1 | 4.9/7.2 | 5.2/7.5 | 5.4/7.6 | 5.7/7.8 | 5.6/-- |
| EUG | -0.06 | 3.0/0.0 | 3.7/2.9 | 3.5/3.3 | 3.6/3.5 | 4.8/3.4 | 5.2/4.1 | 5.4/4.9 | 5.6/6.7 | 6.0/6.7 | 6.1/6.7 | 6.2/6.6 | 6.5/6.5 | 6.8/6.6 | 7.2/6.6 | 7.0/-- |
| EVV | 0.27 | 2.3/0.0 | 2.1/3.7 | 2.3/3.9 | 2.9/5.3 | 2.6/5.0 | 3.9/5.3 | 4.1/4.5 | 4.7/5.7 | 5.3/6.0 | 5.4/6.2 | 5.3/6.4 | 5.1/6.7 | 5.3/6.9 | 5.1/7.2 | 5.1/-- |
| EWR | 0.24 | 2.5/0.0 | 2.6/2.6 | 2.6/2.6 | 2.8/3.2 | 2.7/3.5 | 3.2/3.5 | 3.2/3.3 | 3.5/6.7 | 3.9/6.7 | 4.2/6.9 | 4.4/7.0 | 4.5/7.1 | 5.0/7.3 | 5.5/7.5 | 5.8/-- |
| FAR | 0.19 | 2.8/0.0 | 2.7/3.5 | 2.9/3.2 | 3.3/3.5 | 3.2/4.2 | 3.9/4.6 | 4.2/4.8 | 4.4/7.0 | 5.0/7.1 | 5.5/7.2 | 6.4/7.4 | 6.3/7.5 | 6.4/7.7 | 5.9/7.9 | 6.3/-- |
| FAT | 0.17 | 1.9/0.0 | 2.0/1.7 | 2.1/2.2 | 1.9/2.0 | 2.3/2.4 | 2.3/3.1 | 2.5/3.7 | 3.1/5.6 | 3.6/5.8 | 3.6/5.8 | 4.7/5.9 | 5.1/6.0 | 5.4/6.0 | 5.7/6.1 | 5.9/-- |
| FLG | 0.18 | 4.7/0.0 | 4.4/3.4 | 4.1/3.8 | 3.7/4.5 | 3.4/4.6 | 3.7/5.6 | 4.2/5.7 | 4.9/7.3 | 5.5/7.5 | 5.8/7.7 | 6.0/7.8 | 6.3/8.1 | 6.7/8.2 | 6.8/8.4 | 7.0/-- |
| FMY | -0.00 | 1.9/0.0 | 2.3/2.4 | 2.6/2.2 | 3.0/2.6 | 3.2/3.0 | 3.5/3.0 | 4.0/3.5 | 4.5/5.4 | 5.2/5.4 | 5.2/5.3 | 4.8/5.3 | 4.8/5.3 | 4.6/5.3 | 4.6/5.3 | 4.6/-- |
| FSD | 0.17 | 2.9/0.0 | 2.8/3.9 | 3.1/4.1 | 3.1/3.7 | 3.9/4.3 | 4.4/4.6 | 4.8/5.0 | 4.5/5.9 | 4.8/5.9 | 5.4/6.1 | 5.5/6.3 | 5.2/6.5 | 5.4/6.8 | 5.3/7.1 | 5.6/-- |
| FWA | 0.17 | 2.8/0.0 | 2.8/3.6 | 3.4/4.0 | 3.6/4.0 | 3.4/4.0 | 4.2/4.6 | 4.8/4.5 | 5.3/6.7 | 5.5/6.9 | 5.0/7.2 | 5.9/7.3 | 6.2/7.5 | 6.4/7.7 | 6.3/7.9 | 5.8/-- |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GAD | 0.01 | 2.8/0.0 | 2.9/4.2 | 3.3/3.8 | 3.8/4.6 | 4.2/4.5 | 6.4/6.0 | 8.5/6.3 | 8.8/7.8 | 9.1/7.8 | 7.6/8.0 | 8.3/8.0 | 8.0/8.1 | 7.5/8.3 | 7.9/8.4 | 7.8/-- |
| GEG | -0.06 | 3.0/0.0 | 3.2/3.1 | 3.7/2.8 | 4.0/2.5 | 3.8/3.5 | 4.4/4.0 | 5.0/4.8 | 5.9/6.4 | 6.2/6.5 | 6.2/6.5 | 6.1/6.7 | 6.3/6.8 | 6.6/6.9 | 6.9/7.1 | 6.5/-- |
| GTF | 0.12 | 3.1/0.0 | 3.3/3.6 | 3.8/4.5 | 3.7/4.0 | 3.8/4.3 | 4.3/5.6 | 5.0/6.4 | 6.2/8.6 | 7.2/8.6 | 7.7/8.8 | 8.1/9.0 | 8.4/9.0 | 9.2/9.1 | 9.5/9.3 | 9.5/-- |
| HOU | 0.04 | 3.8/0.0 | 3.4/4.3 | 3.5/4.3 | 3.6/4.7 | 3.9/5.4 | 5.2/4.9 | 6.7/6.2 | 7.1/7.1 | 7.8/7.2 | 7.3/7.2 | 7.2/7.2 | 7.7/7.4 | 7.8/7.4 | 7.9/7.5 | 8.1/-- |
| HSV | 0.06 | 2.8/0.0 | 2.7/3.5 | 2.9/3.6 | 2.9/4.5 | 3.3/4.5 | 5.1/5.7 | 7.0/5.4 | 7.4/7.3 | 8.3/7.3 | 6.8/7.2 | 7.2/7.2 | 7.3/7.3 | 6.8/7.2 | 7.1/7.2 | 7.0/-- |
| IAH | 0.15 | 2.3/0.0 | 2.2/4.1 | 2.6/4.5 | 2.7/5.1 | 3.0/5.5 | 4.2/5.0 | 6.3/6.2 | 6.8/6.8 | 7.3/6.8 | 6.5/6.9 | 6.3/6.9 | 6.6/6.9 | 7.5/7.0 | 7.2/7.1 | 7.6/-- |
| ICT | 0.37 | 2.7/0.0 | 2.6/4.5 | 3.1/5.6 | 4.0/6.2 | 4.3/6.7 | 5.4/7.3 | 6.4/7.4 | 6.3/10.2 | 6.6/10.5 | 7.1/10.7 | 6.9/11.1 | 6.8/11.4 | 6.6/11.7 | 6.4/12.1 | 6.9/-- |
| ILG | 0.32 | 1.9/0.0 | 2.1/3.1 | 2.6/3.4 | 2.4/3.9 | 3.1/4.5 | 3.1/4.5 | 3.4/3.9 | 3.7/6.9 | 4.5/7.0 | 4.8/7.3 | 4.7/7.4 | 5.2/7.7 | 5.2/7.8 | 5.9/8.0 | 6.1/-- |
| IND | 0.22 | 1.5/0.0 | 1.7/2.4 | 2.3/3.1 | 2.3/3.8 | 2.1/3.7 | 3.5/4.2 | 3.7/4.2 | 4.6/6.2 | 4.8/6.3 | 5.4/6.5 | 5.9/6.7 | 5.8/6.9 | 5.9/7.1 | 5.9/7.3 | 5.3/-- |
| IPT | 0.24 | 2.6/0.0 | 2.5/2.8 | 2.7/2.9 | 2.7/3.5 | 3.9/4.7 | 3.5/4.6 | 3.8/3.8 | 4.3/7.0 | 5.0/7.0 | 4.6/7.1 | 4.9/7.3 | 5.3/7.5 | 5.6/7.7 | 5.9/7.9 | 6.1/-- |
| JAN | 0.12 | 2.4/0.0 | 2.4/3.6 | 3.1/4.5 | 3.4/5.4 | 3.9/6.2 | 5.2/6.3 | 7.3/6.4 | 8.2/7.3 | 8.4/7.4 | 7.4/7.5 | 6.8/7.5 | 6.6/7.6 | 6.6/7.7 | 7.2/7.7 | 7.5/-- |
| JAX | 0.08 | 1.7/0.0 | 2.0/3.0 | 2.5/2.9 | 3.1/3.1 | 3.1/3.3 | 4.2/4.0 | 4.9/4.5 | 6.2/7.8 | 7.3/7.7 | 7.1/7.7 | 7.0/7.6 | 7.3/7.5 | 7.0/7.5 | 7.4/7.5 | 7.5/-- |
| JFK | 0.31 | 1.5/0.0 | 1.7/2.5 | 2.0/2.5 | 2.1/2.8 | 2.6/3.5 | 2.6/3.4 | 2.6/3.0 | 2.7/5.5 | 3.1/5.6 | 3.4/5.7 | 3.6/5.7 | 3.8/5.9 | 4.3/6.1 | 4.8/6.2 | 4.9/-- |
| LAN | 0.13 | 2.8/0.0 | 2.9/3.1 | 2.9/3.5 | 3.5/4.2 | 3.7/3.7 | 4.3/5.0 | 4.1/5.1 | 4.8/6.5 | 5.1/6.5 | 5.3/6.5 | 5.6/6.7 | 6.4/6.7 | 6.5/6.8 | 6.6/6.9 | 6.3/-- |
| LAS | 0.13 | 1.9/0.0 | 2.2/1.9 | 2.1/2.0 | 2.5/2.6 | 2.7/2.6 | 2.4/3.0 | 3.0/3.2 | 3.5/5.5 | 4.2/5.6 | 4.4/5.8 | 4.6/6.0 | 4.8/6.2 | 5.1/6.3 | 5.4/6.5 | 5.5/-- |
| LAX | 0.16 | 1.9/0.0 | 1.9/1.7 | 1.7/1.2 | 1.8/1.4 | 1.6/1.3 | 1.6/1.6 | 1.7/2.0 | 1.8/3.2 | 1.8/3.4 | 1.8/3.4 | 2.2/3.5 | 2.3/3.6 | 2.2/3.7 | 2.2/3.8 | 2.2/-- |
| LEX | 0.27 | 2.0/0.0 | 2.3/3.3 | 2.6/4.0 | 3.1/4.1 | 3.0/4.7 | 4.2/5.7 | 5.1/5.4 | 5.3/7.5 | 5.8/7.7 | 5.8/7.9 | 5.9/8.2 | 6.0/8.5 | 6.2/8.8 | 6.1/9.1 | 5.9/-- |
| LFK | 0.20 | 1.9/0.0 | 1.9/3.9 | 2.6/4.1 | 2.4/5.3 | 2.6/5.4 | 3.7/5.2 | 5.4/5.8 | 6.2/6.4 | 7.0/6.6 | 6.3/6.5 | 6.1/6.7 | 6.3/6.9 | 6.4/7.0 | 6.5/7.2 | 6.7/-- |
| LGA | 0.14 | 2.1/0.0 | 2.4/1.9 | 2.3/2.2 | 2.8/2.1 | 2.9/3.0 | 3.0/2.8 | 3.1/3.1 | 3.1/5.1 | 3.5/5.2 | 3.3/5.3 | 3.4/5.5 | 3.6/5.6 | 4.0/5.7 | 4.6/6.1 | 4.5/-- |
| LGB | -0.59 | 3.8/0.0 | 3.7/1.8 | 3.9/1.8 | 4.1/1.6 | 4.2/1.6 | 4.5/2.2 | 4.5/2.6 | 4.5/3.7 | 4.2/3.8 | 4.4/3.9 | 4.6/3.9 | 4.6/4.0 | 4.1/4.1 | 3.6/4.2 | 3.6/-- |
| LIT | 0.11 | 3.0/0.0 | 3.0/3.0 | 3.1/3.3 | 3.6/4.8 | 3.9/5.6 | 4.8/3.9 | 5.3/5.5 | 5.6/5.3 | 5.4/5.5 | 5.3/5.8 | 5.0/6.0 | 4.7/6.3 | 4.8/6.5 | 5.2/6.9 | 5.4/-- |
| LNS | 0.22 | 2.4/0.0 | 2.2/3.4 | 2.6/3.7 | 2.7/4.1 | 3.4/4.7 | 3.3/4.6 | 3.6/4.2 | 4.2/6.2 | 5.1/6.3 | 5.0/6.2 | 5.0/6.2 | 5.5/6.2 | 5.6/6.3 | 6.3/6.4 | 6.3/-- |
| MAF | 0.32 | 2.7/0.0 | 2.2/5.9 | 2.4/7.0 | 2.6/7.0 | 3.3/5.7 | 4.7/6.3 | 6.0/6.2 | 6.3/7.2 | 5.9/7.4 | 5.8/7.5 | 5.8/7.7 | 6.2/7.8 | 6.0/7.9 | 6.1/8.2 | 6.1/-- |
| MBA | 0.27 | 2.5/0.0 | 2.8/4.1 | 3.2/4.2 | 3.7/4.3 | 3.6/5.0 | 4.1/4.9 | 4.1/4.5 | 3.8/6.9 | 4.3/6.9 | 4.6/7.1 | 5.0/7.2 | 4.9/7.4 | 5.3/7.5 | 6.1/7.7 | 5.9/-- |
| MCI | 0.31 | 2.3/0.0 | 2.5/3.5 | 2.7/4.0 | 3.1/5.0 | 3.8/5.1 | 4.8/5.6 | 5.6/5.5 | 5.4/9.0 | 5.6/9.2 | 6.4/9.5 | 6.6/9.7 | 6.2/9.9 | 6.3/10.2 | 6.1/10.5 | 6.6/-- |
| MCN | 0.14 | 2.5/0.0 | 2.5/3.4 | 2.3/3.0 | 3.0/4.4 | 3.7/4.6 | 4.5/5.4 | 5.8/5.4 | 6.4/7.7 | 7.3/7.7 | 6.9/7.6 | 6.9/7.6 | 6.9/7.6 | 6.8/7.6 | 6.7/7.5 | 6.9/-- |
| MCO | 0.10 | 1.8/0.0 | 1.5/1.9 | 1.5/1.9 | 1.9/2.1 | 2.3/2.2 | 2.9/2.8 | 3.2/3.2 | 4.0/5.5 | 4.9/5.5 | 5.0/5.3 | 4.7/5.3 | 4.8/5.2 | 4.6/5.2 | 4.7/5.1 | 4.9/-- |
| MDT | 0.33 | 1.7/0.0 | 1.7/2.7 | 1.8/2.9 | 2.0/3.5 | 3.0/4.3 | 3.0/4.3 | 3.4/3.5 | 3.8/6.7 | 4.3/6.9 | 4.4/7.1 | 4.7/7.3 | 5.1/7.5 | 5.1/7.7 | 5.6/7.8 | 5.9/-- |
| MEM | 0.11 | 2.6/0.0 | 2.8/3.7 | 2.7/3.3 | 3.3/4.4 | 3.4/5.5 | 4.7/4.8 | 5.5/5.4 | 6.1/5.6 | 6.3/5.7 | 6.1/5.9 | 5.6/5.9 | 5.4/6.2 | 5.3/6.3 | 5.1/6.6 | 5.1/-- |
| MHT | 0.32 | 1.5/0.0 | 1.9/3.2 | 2.2/3.2 | 2.8/3.3 | 2.7/3.8 | 3.4/4.1 | 3.6/3.7 | 3.3/6.9 | 3.4/6.7 | 3.5/6.6 | 3.9/6.5 | 3.9/6.3 | 4.3/6.3 | 5.1/6.3 | 4.7/-- |
| MIA | 0.01 | 1.7/0.0 | 1.7/1.5 | 1.9/1.4 | 2.2/1.8 | 2.5/1.7 | 2.9/2.3 | 3.3/2.4 | 3.7/5.4 | 4.1/5.3 | 3.9/5.2 | 3.7/5.1 | 3.6/5.1 | 3.5/5.0 | 3.5/4.9 | 3.6/-- |
| MKE | 0.26 | 2.3/0.0 | 2.2/3.3 | 2.6/3.5 | 2.4/3.4 | 3.0/3.9 | 3.3/4.6 | 3.7/4.7 | 4.9/6.3 | 4.6/6.5 | 4.7/6.6 | 5.2/6.8 | 5.1/7.1 | 5.8/7.2 | 6.0/7.4 | 6.0/-- |
| MOB | 0.05 | 3.1/0.0 | 3.0/3.5 | 3.9/3.9 | 3.3/4.3 | 4.0/4.4 | 5.4/5.8 | 6.6/5.8 | 7.8/8.4 | 8.3/8.4 | 7.8/8.3 | 7.8/8.3 | 7.9/8.2 | 8.1/8.2 | 8.5/8.0 | 8.5/-- |
| MSP | 0.26 | 2.0/0.0 | 1.8/2.4 | 1.9/2.8 | 1.8/2.7 | 2.2/3.4 | 2.9/4.1 | 3.9/3.9 | 4.5/6.6 | 5.3/6.8 | 5.3/7.0 | 5.9/7.3 | 5.6/7.6 | 6.0/7.9 | 5.6/8.2 | 5.8/-- |
| MSY | 0.14 | 2.5/0.0 | 2.5/4.0 | 3.2/4.5 | 3.0/4.5 | 3.3/5.2 | 4.1/5.0 | 5.7/5.5 | 6.8/7.5 | 7.1/7.5 | 6.4/7.4 | 7.0/7.4 | 7.1/7.4 | 7.1/7.3 | 8.1/7.3 | 8.3/-- |
| MWL | 0.40 | 2.6/0.0 | 2.5/5.6 | 2.5/6.6 | 3.3/7.4 | 4.0/7.8 | 5.5/7.2 | 6.3/6.9 | 6.2/8.3 | 5.4/8.6 | 5.5/8.8 | 5.4/9.1 | 5.5/9.4 | 5.5/9.6 | 5.3/9.8 | 5.4/-- |
| NKX | -0.11 | 3.0/0.0 | 3.2/3.2 | 3.4/3.4 | 3.7/2.6 | 3.6/2.8 | 3.3/3.3 | 3.2/3.5 | 4.1/0.0 | 3.8/0.0 | 3.0/0.0 | 2.6/0.0 | 3.3/0.0 | 3.2/0.0 | 3.6/0.0 | 4.0/-- |
| NTU | 0.22 | 3.2/0.0 | 2.8/2.7 | 3.0/3.4 | 2.9/4.2 | 2.8/3.6 | 3.5/4.5 | 4.1/4.6 | 4.0/6.6 | 4.7/6.8 | 5.8/6.8 | 5.4/7.1 | 5.4/7.3 | 5.5/7.5 | 6.0/7.6 | 6.4/-- |
| OAK | 0.04 | 2.2/0.0 | 2.1/2.2 | 2.4/2.3 | 2.5/2.2 | 2.3/2.2 | 2.8/2.7 | 3.5/2.5 | 3.9/5.5 | 3.8/5.5 | 4.1/5.5 | 5.1/5.6 | 5.2/5.7 | 5.7/5.8 | 5.6/5.9 | 5.5/-- |
| OKC | 0.38 | 2.1/0.0 | 1.9/3.5 | 2.3/4.9 | 3.2/5.6 | 3.3/6.4 | 4.5/6.4 | 5.7/6.1 | 5.3/8.1 | 5.3/8.4 | 5.6/8.6 | 5.6/8.8 | 5.5/9.2 | 5.5/9.4 | 5.6/9.8 | 5.8/-- |
| OMA | 0.25 | 2.7/0.0 | 2.9/3.7 | 3.1/3.9 | 3.0/4.1 | 3.2/4.4 | 4.6/4.5 | 5.0/5.0 | 5.3/7.9 | 5.6/8.2 | 6.2/8.4 | 6.0/8.6 | 5.8/8.9 | 6.3/9.2 | 5.8/9.5 | 6.3/-- |
| ORD | 0.21 | 1.8/0.0 | 2.0/3.2 | 2.3/3.4 | 2.6/3.2 | 2.9/4.2 | 3.5/4.5 | 4.1/4.6 | 5.2/6.3 | 5.0/6.4 | 5.2/6.5 | 5.9/6.7 | 5.6/6.8 | 5.9/7.0 | 6.1/7.2 | 5.7/-- |
| ORH | 0.23 | 2.1/0.0 | 2.7/2.9 | 2.3/2.7 | 2.7/3.2 | 3.3/3.7 | 3.6/3.7 | 3.7/3.8 | 3.5/5.7 | 3.7/5.9 | 3.7/5.9 | 4.0/6.1 | 3.9/6.2 | 4.4/6.4 | 4.6/6.6 | 4.6/-- |
| PDT | 0.03 | 2.7/0.0 | 2.7/3.2 | 3.2/3.0 | 3.5/2.9 | 3.6/2.7 | 4.2/4.1 | 5.1/5.0 | 6.1/6.8 | 6.4/7.1 | 6.3/7.2 | 6.3/7.3 | 6.4/7.5 | 6.3/7.8 | 6.6/7.9 | 6.3/-- |
| PDX | 0.13 | 3.7/0.0 | 2.4/3.0 | 2.8/2.8 | 2.7/2.9 | 2.8/3.4 | 2.9/3.3 | 3.3/4.2 | 3.8/4.8 | 4.2/4.8 | 4.0/4.9 | 4.3/4.9 | 4.1/5.0 | 4.5/5.1 | 5.0/5.1 | 4.9/-- |
| PHL | 0.27 | 1.8/0.0 | 2.0/2.3 | 2.3/2.2 | 2.5/3.0 | 2.7/3.9 | 2.8/3.8 | 3.2/3.7 | 3.6/6.5 | 4.2/6.7 | 4.3/6.8 | 4.1/6.9 | 4.5/7.1 | 4.7/7.4 | 5.4/7.6 | 5.4/-- |
| PHX | 0.28 | 2.0/0.0 | 2.0/2.0 | 1.8/2.1 | 1.7/2.4 | 2.0/2.4 | 2.1/3.4 | 2.8/3.9 | 3.0/5.2 | 3.9/5.4 | 4.0/5.8 | 4.2/6.1 | 4.2/6.4 | 3.8/6.7 | 4.4/6.9 | 4.9/-- |
| PIR | 0.32 | 2.6/0.0 | 2.8/3.5 | 2.9/4.0 | 2.7/4.4 | 3.4/4.3 | 3.5/4.5 | 4.4/4.7 | 4.3/8.0 | 4.7/8.2 | 5.3/8.5 | 5.4/8.7 | 5.4/9.0 | 5.6/9.4 | 5.5/9.6 | 6.2/-- |
| PIT | 0.28 | 2.0/0.0 | 2.4/3.5 | 2.8/3.9 | 2.9/4.5 | 3.5/4.8 | 3.7/5.0 | 4.1/4.4 | 4.3/6.9 | 4.5/7.0 | 4.6/7.2 | 5.2/7.4 | 5.5/7.5 | 6.0/7.7 | 5.9/7.9 | 5.7/-- |
| PVD | 0.29 | 2.3/0.0 | 2.4/3.6 | 2.6/3.5 | 2.9/3.2 | 3.1/4.0 | 3.4/3.8 | 3.5/4.0 | 3.3/5.8 | 3.5/5.9 | 3.6/6.0 | 3.7/6.3 | 3.8/6.4 | 4.4/6.5 | 5.0/6.7 | 4.9/-- |
| PWM | 0.30 | 2.2/0.0 | 2.1/3.8 | 2.6/4.2 | 2.8/3.6 | 2.7/4.6 | 3.4/4.2 | 3.6/4.1 | 3.4/5.7 | 3.9/5.7 | 3.8/5.8 | 4.4/5.9 | 4.2/6.1 | 4.5/6.2 | 5.1/6.4 | 4.8/-- |
| RAL | 0.46 | 3.9/0.0 | 3.6/4.5 | 3.4/3.8 | 3.5/4.8 | 3.4/4.9 | 3.1/5.8 | 3.2/5.5 | 3.8/9.5 | 3.8/9.7 | 3.9/10.0 | 4.3/10.2 | 4.3/10.4 | 4.4/10.7 | 4.6/10.9 | 4.6/-- |
| RAP | 0.23 | 4.0/0.0 | 3.3/4.6 | 3.6/4.4 | 4.1/4.7 | 4.9/4.9 | 5.2/5.9 | 5.4/6.1 | 5.8/9.6 | 6.2/9.9 | 6.8/10.3 | 7.5/10.5 | 7.8/10.8 | 8.6/11.1 | 7.9/11.4 | 7.7/-- |
| RBL | 0.13 | 2.7/0.0 | 3.1/3.0 | 3.1/3.6 | 3.1/3.5 | 3.3/3.5 | 3.3/3.2 | 3.4/3.7 | 3.4/4.5 | 3.5/4.6 | 3.9/4.7 | 3.9/4.8 | 4.1/4.9 | 4.5/5.2 | 4.4/5.3 | 4.4/-- |
| RDD | 0.00 | 3.8/0.0 | 4.1/4.5 | 4.0/3.9 | 4.2/3.8 | 4.4/3.7 | 4.2/3.7 | 4.2/4.2 | 4.5/4.9 | 4.3/4.9 | 4.5/4.8 | 4.4/4.8 | 4.5/4.8 | 4.9/4.8 | 4.7/4.8 | 4.6/-- |
| RDU | 0.20 | 2.4/0.0 | 2.1/3.4 | 2.1/2.8 | 2.4/3.8 | 3.3/4.4 | 3.7/4.4 | 4.3/3.8 | 4.7/5.9 | 5.3/5.9 | 5.0/6.0 | 5.0/6.2 | 5.3/6.4 | 5.2/6.6 | 5.1/6.8 | 5.2/-- |
| RIC | 0.27 | 2.0/0.0 | 2.2/2.9 | 2.4/3.3 | 2.7/3.7 | 2.8/4.1 | 2.9/3.7 | 3.2/3.5 | 3.7/6.2 | 4.6/6.3 | 4.8/6.5 | 4.7/6.7 | 5.1/6.9 | 5.0/7.2 | 5.5/7.4 | 5.5/-- |
| RNO | -0.05 | 2.9/0.0 | 3.0/2.3 | 3.5/2.6 | 3.2/2.5 | 3.3/2.6 | 3.5/2.5 | 3.5/2.8 | 4.1/5.0 | 3.7/5.0 | 3.5/4.7 | 3.5/4.7 | 3.9/4.7 | 4.3/4.5 | 4.2/4.5 | 4.4/-- |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ROA | 0.12 | 2.5/0.0 | 2.8/3.2 | 3.1/3.0 | 2.9/3.4 | 3.0/4.0 | 3.8/3.7 | 3.9/3.3 | 3.9/4.9 | 4.0/5.1 | 4.0/5.0 | 4.2/5.2 | 4.4/5.3 | 4.5/5.4 | 4.6/5.5 | 5.1/-- |
| ROC | 0.24 | 2.8/0.0 | 2.8/3.8 | 3.1/3.7 | 3.3/4.3 | 3.9/5.1 | 4.3/5.0 | 4.2/4.5 | 4.4/7.2 | 4.9/7.4 | 5.2/7.7 | 5.6/7.7 | 5.9/7.8 | 6.3/8.1 | 6.3/8.1 | 6.5/-- |
| SAC | -0.41 | 2.7/0.0 | 3.3/2.4 | 3.3/2.0 | 3.3/2.2 | 8.3/2.6 | 4.7/2.6 | 4.3/3.0 | 5.1/5.2 | 5.3/5.3 | 5.4/5.4 | 6.0/5.4 | 5.8/5.5 | 5.9/5.4 | 6.0/5.5 | 5.7/-- |
| SAN | 0.20 | 1.9/0.0 | 2.1/1.6 | 2.0/1.8 | 1.9/1.7 | 2.2/1.8 | 2.0/2.1 | 2.0/2.6 | 2.2/3.8 | 2.3/4.0 | 2.2/4.0 | 2.3/4.0 | 2.5/4.2 | 2.5/4.4 | 2.6/4.6 | 2.7/-- |
| SAT | 0.21 | 2.5/0.0 | 2.4/3.9 | 2.5/4.8 | 3.1/5.6 | 3.7/6.4 | 4.4/6.1 | 6.1/6.7 | 7.2/7.8 | 7.6/7.9 | 6.9/8.0 | 6.3/8.0 | 7.0/8.0 | 7.8/8.2 | 7.8/8.3 | 8.1/-- |
| SAV | 0.01 | 2.4/0.0 | 2.8/2.5 | 3.3/2.6 | 3.3/2.7 | 3.6/3.6 | 3.7/4.1 | 4.3/4.4 | 5.2/6.5 | 5.9/6.5 | 6.2/6.4 | 6.1/6.4 | 6.1/6.5 | 6.0/6.5 | 6.2/6.6 | 6.2/-- |
| SDF | 0.38 | 1.6/0.0 | 1.6/3.0 | 1.9/4.1 | 2.3/4.6 | 2.1/4.5 | 3.5/5.0 | 4.0/4.7 | 4.2/6.5 | 4.8/6.7 | 4.8/7.1 | 5.0/7.4 | 4.9/7.7 | 5.0/8.1 | 5.2/8.4 | 5.0/-- |
| SEA | 0.13 | 2.6/0.0 | 2.9/3.1 | 3.0/3.1 | 3.0/3.4 | 3.1/3.4 | 3.0/3.4 | 3.2/3.6 | 3.4/4.1 | 3.8/4.2 | 3.4/4.2 | 3.5/4.3 | 3.6/4.3 | 3.4/4.4 | 3.9/4.5 | 3.6/-- |
| SFO | -0.33 | 1.7/0.0 | 2.0/1.8 | 2.2/1.8 | 2.5/1.8 | 2.8/1.9 | 3.3/1.8 | 3.5/2.4 | 3.9/3.5 | 4.2/3.5 | 4.1/3.5 | 4.3/3.4 | 4.4/3.4 | 4.6/3.4 | 4.7/3.3 | 4.7/-- |
| SJC | -0.10 | 1.9/0.0 | 1.8/1.8 | 2.3/1.8 | 2.5/1.8 | 2.3/2.0 | 2.4/2.1 | 3.1/2.4 | 3.4/4.0 | 3.5/4.0 | 3.7/4.0 | 4.1/4.1 | 4.4/4.0 | 4.9/4.0 | 4.9/4.1 | 4.8/-- |
| SJT | 0.16 | 3.3/0.0 | 2.5/5.7 | 3.1/5.9 | 3.7/6.1 | 4.1/6.3 | 5.9/6.2 | 7.3/6.5 | 7.6/7.4 | 7.1/7.4 | 6.9/7.6 | 6.7/7.7 | 7.3/7.6 | 7.3/7.8 | 7.4/7.9 | 7.4/-- |
| SLC | 0.15 | 2.4/0.0 | 2.6/2.7 | 2.9/2.7 | 3.1/3.0 | 2.9/2.9 | 3.3/3.2 | 3.8/4.0 | 4.2/6.1 | 4.3/6.3 | 4.8/6.5 | 4.6/6.7 | 4.8/6.9 | 5.1/7.2 | 5.3/7.3 | 5.5/-- |
| SSI | 0.07 | 1.6/0.0 | 2.0/3.1 | 3.0/2.9 | 3.2/3.6 | 3.6/4.1 | 4.5/4.8 | 5.0/4.4 | 6.0/6.5 | 6.5/6.6 | 6.3/6.6 | 6.2/6.7 | 6.3/6.6 | 5.8/6.7 | 5.9/6.8 | 6.1/-- |
| STL | 0.28 | 1.4/0.0 | 1.3/2.7 | 1.9/2.5 | 2.7/4.1 | 3.0/4.3 | 3.8/4.2 | 4.1/4.9 | 4.9/7.3 | 4.9/7.4 | 5.4/7.6 | 6.2/7.7 | 5.7/7.9 | 5.8/8.1 | 5.9/8.4 | 6.1/-- |
| SYR | 0.25 | 2.1/0.0 | 1.9/3.8 | 2.3/3.5 | 2.8/4.0 | 3.5/4.7 | 4.0/4.5 | 4.2/4.0 | 4.0/6.4 | 4.7/6.7 | 5.1/6.7 | 5.3/6.8 | 5.2/7.0 | 5.5/7.2 | 5.6/7.3 | 5.8/-- |
| TLH | 0.07 | 2.7/0.0 | 2.6/3.5 | 3.0/2.8 | 3.9/3.9 | 3.8/4.6 | 6.1/5.8 | 6.9/6.0 | 7.9/10.1 | 9.1/10.1 | 9.0/10.0 | 8.8/9.8 | 9.1/9.7 | 8.9/9.5 | 9.2/9.4 | 9.1/-- |
| TPA | 0.02 | 1.6/0.0 | 2.4/2.5 | 3.0/2.5 | 3.2/2.8 | 3.2/3.2 | 3.6/3.7 | 4.9/4.0 | 6.0/7.5 | 6.8/7.4 | 6.9/7.4 | 6.6/7.4 | 6.6/7.2 | 6.4/7.2 | 6.4/7.2 | 6.2/-- |
| TRM | -0.19 | 6.5/0.0 | 6.8/4.1 | 6.5/3.8 | 6.4/4.0 | 6.3/4.0 | 6.6/3.5 | 6.3/4.4 | 6.7/6.6 | 6.6/6.9 | 6.2/7.2 | 6.0/7.6 | 5.6/7.9 | 5.3/8.3 | 5.5/8.6 | 5.2/-- |
| TUL | 0.28 | 2.0/0.0 | 2.4/4.2 | 3.3/5.4 | 4.0/5.6 | 4.0/7.3 | 5.0/6.0 | 6.3/6.2 | 6.4/8.3 | 6.2/8.5 | 6.5/8.8 | 6.6/9.1 | 6.6/9.4 | 6.6/9.7 | 6.4/10.0 | 6.8/-- |
| TUS | 0.10 | 2.5/0.0 | 2.8/3.2 | 3.0/2.9 | 3.0/2.8 | 3.4/2.5 | 3.9/3.9 | 4.1/4.5 | 4.9/6.3 | 5.5/6.5 | 5.8/6.6 | 5.6/6.9 | 5.7/7.1 | 5.0/7.4 | 5.2/7.7 | 5.4/-- |
| TYR | 0.32 | 1.8/0.0 | 1.8/3.3 | 2.1/4.7 | 2.5/5.3 | 2.9/6.4 | 4.3/5.9 | 5.3/7.0 | 6.1/6.7 | 5.7/6.8 | 5.4/7.1 | 5.3/7.2 | 5.4/7.5 | 5.6/7.7 | 5.5/7.8 | 5.5/-- |
| TYS | 0.10 | 2.0/0.0 | 2.3/3.2 | 2.5/3.7 | 2.5/4.2 | 3.2/4.4 | 4.9/5.2 | 6.5/6.3 | 7.4/6.9 | 7.8/6.9 | 6.9/7.1 | 7.1/7.1 | 7.5/7.2 | 7.0/7.4 | 6.6/7.4 | 6.6/-- |
| VCT | 0.19 | 1.9/0.0 | 1.7/4.1 | 2.3/4.4 | 2.6/5.0 | 3.0/5.9 | 4.6/5.2 | 6.7/6.1 | 7.6/7.8 | 7.8/7.8 | 7.3/8.0 | 6.9/8.1 | 7.5/8.1 | 7.9/8.3 | 8.1/8.4 | 8.2/-- |
| WJF | -0.29 | 9.6/0.0 | 8.5/3.7 | 7.1/3.6 | 7.2/3.9 | 7.6/3.6 | 7.2/5.0 | 6.8/5.4 | 6.6/7.4 | 6.6/7.5 | 5.4/7.7 | 6.1/7.8 | 6.8/7.9 | 6.9/8.1 | 7.0/8.1 | 7.2/-- |
| YKM | 0.00 | 3.8/0.0 | 4.0/3.6 | 4.2/3.5 | 4.1/3.6 | 4.3/4.5 | 4.5/4.5 | 5.0/4.9 | 5.2/5.9 | 5.8/5.9 | 5.5/6.0 | 5.5/6.1 | 5.9/6.2 | 5.8/6.3 | 6.3/6.3 | 5.9/-- |
| YNG | 0.22 | 2.6/0.0 | 3.0/3.7 | 3.2/4.2 | 3.2/4.2 | 3.8/4.7 | 3.8/4.6 | 4.1/4.4 | 4.7/7.0 | 5.2/7.1 | 5.2/7.3 | 5.3/7.3 | 6.1/7.5 | 6.2/7.7 | 6.4/7.7 | 6.2/-- |
| YQB | 0.28 | 1.7/0.0 | 1.8/0.0 | 1.8/0.0 | 2.2/0.0 | 2.3/0.0 | 2.9/0.0 | 3.5/0.0 | 3.7/5.6 | 4.5/5.7 | 4.6/5.8 | 4.4/5.9 | 4.0/6.0 | 4.3/6.2 | 4.2/6.3 | 4.5/-- |
| YUL | 0.25 | 1.3/0.0 | 1.7/0.0 | 2.4/0.0 | 2.6/0.0 | 3.3/0.0 | 3.9/0.0 | 3.8/0.0 | 3.8/6.5 | 5.1/6.6 | 5.3/6.6 | 5.2/6.7 | 5.0/6.7 | 5.3/6.8 | 5.4/6.9 | 5.7/-- |
| YVR | 0.08 | 2.7/0.0 | 2.4/0.0 | 2.4/0.0 | 2.0/0.0 | 2.6/0.0 | 2.8/0.0 | 2.9/0.0 | 3.6/4.6 | 3.9/4.6 | 3.9/4.7 | 4.4/4.7 | 4.7/4.8 | 4.9/4.8 | 5.0/4.9 | 4.9/-- |
| YXD | -0.02 | 4.8/0.0 | 5.2/0.0 | 5.6/0.0 | 6.1/0.0 | 6.9/0.0 | 6.9/0.0 | 7.0/0.0 | 7.5/7.6 | 7.8/7.7 | 7.9/7.8 | 7.8/7.9 | 8.1/8.0 | 8.8/8.1 | 8.7/8.3 | 8.2/-- |
| YYC | 0.06 | 3.8/0.0 | 4.7/0.0 | 5.1/0.0 | 4.8/0.0 | 5.0/0.0 | 5.6/0.0 | 5.8/0.0 | 6.3/7.8 | 7.2/7.9 | 7.7/7.9 | 7.8/8.1 | 8.0/8.2 | 8.2/8.3 | 8.2/8.4 | 8.2/-- |
| YYZ | 0.14 | 2.0/0.0 | 2.6/0.0 | 2.8/0.0 | 3.0/0.0 | 3.7/0.0 | 4.3/0.0 | 4.5/0.0 | 5.0/6.3 | 5.7/6.4 | 5.3/6.5 | 5.7/6.6 | 6.0/6.7 | 6.2/6.9 | 6.2/7.0 | 6.1/-- |

Bias (2009-10-01~2009-10-31)

| | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ABE | -1.64 | -1.0/0.0 | -1.0/1.2 | -1.1/0.5 | -1.3/1.0 | -1.2/1.9 | -1.8/1.1 | -1.4/0.1 | -1.7/1.6 | -2.2/2.0 | -2.0/2.4 | -1.8/2.8 | -1.9/3.2 | -2.1/3.5 | -2.3/3.9 | -1.7/-- |
| ABI | 0.06 | 0.4/0.0 | 0.2/4.3 | 0.3/7.5 | 0.3/7.7 | -0.1/7.5 | 0.6/6.3 | -0.0/5.9 | -0.2/6.7 | -0.3/7.0 | -0.2/7.4 | -0.2/7.7 | 0.1/8.1 | -0.1/8.4 | 0.1/8.7 | 0.2/-- |
| ABQ | -1.36 | -0.2/0.0 | -0.4/0.5 | -0.6/0.9 | -0.5/2.1 | -0.7/2.1 | -0.9/1.8 | -1.2/2.3 | -1.8/1.9 | -1.7/2.4 | -1.8/2.8 | -2.3/3.2 | -2.7/3.6 | -2.4/4.0 | -1.8/4.5 | -1.3/-- |
| ABY | -0.41 | -0.1/0.0 | 0.1/-0.7 | -0.1/-0.8 | 0.2/-0.3 | 0.5/1.0 | 0.6/-0.1 | 0.3/-0.3 | 0.6/-3.9 | -0.3/-3.5 | -1.1/-3.1 | -1.3/-2.6 | -1.3/-2.2 | -1.4/-1.7 | -1.6/-1.3 | -1.4/-- |
| ACT | 0.53 | 0.7/0.0 | 0.6/4.8 | 0.6/6.4 | 1.0/7.0 | 0.7/7.5 | 1.0/5.6 | 1.2/4.8 | 0.3/3.8 | -0.1/4.2 | 0.1/4.5 | 0.2/4.8 | 0.5/5.2 | 0.4/5.5 | 0.3/5.9 | 0.4/-- |
| ACY | -0.59 | -0.2/0.0 | 0.1/1.5 | 0.0/0.2 | 0.1/0.7 | -0.2/1.0 | -0.4/0.5 | -0.4/-0.2 | -0.9/0.0 | -1.5/0.4 | -1.1/0.8 | -0.7/1.2 | -0.9/1.6 | -0.9/2.1 | -1.1/2.5 | -0.6/-- |
| ALB | -0.16 | -0.2/0.0 | 0.1/1.8 | -0.2/1.2 | -0.4/0.7 | 0.1/1.8 | 0.1/1.1 | 0.3/0.7 | -0.1/1.8 | -0.0/2.2 | -0.1/2.5 | 0.0/2.9 | -0.2/3.3 | -0.6/3.6 | -1.0/4.0 | -0.4/-- |
| ALW | -0.12 | -0.7/0.0 | -1.1/-0.8 | -1.1/-1.0 | -0.8/-0.8 | -0.8/-0.9 | -0.7/0.1 | -0.9/0.7 | -0.9/3.4 | -0.7/3.7 | -0.6/4.0 | 0.4/4.3 | 0.7/4.6 | 1.5/4.9 | 1.5/5.2 | 2.6/-- |
| AOO | -0.29 | 0.1/0.0 | 0.3/0.4 | -0.1/0.1 | 0.1/1.0 | -0.2/0.9 | -0.3/1.1 | -0.2/-0.2 | -0.5/3.7 | -1.2/4.1 | -1.1/4.5 | -0.3/4.8 | -0.5/5.2 | -0.4/5.5 | -0.3/5.9 | 0.1/-- |
| APN | -1.78 | 0.2/0.0 | 0.2/1.1 | -0.2/0.6 | -0.1/0.2 | -0.5/0.3 | -0.8/1.1 | -1.0/-0.4 | -1.4/1.5 | -1.9/1.8 | -3.2/2.1 | -3.0/2.4 | -3.5/2.7 | -3.7/3.0 | -4.0/3.3 | -3.8/-- |
| ATL | 0.63 | -0.1/0.0 | 0.2/1.2 | 0.4/1.4 | 1.2/3.1 | 1.0/3.5 | 1.4/3.7 | 2.2/1.8 | 1.5/3.2 | 0.7/3.6 | 0.1/4.0 | 0.2/4.4 | 0.1/4.8 | 0.2/5.2 | 0.1/5.6 | 0.4/-- |
| AUG | -1.12 | -1.1/0.0 | -0.9/0.7 | -1.0/0.4 | -1.3/0.3 | -1.2/1.7 | -1.0/2.0 | -0.2/2.1 | -0.6/3.2 | -0.6/3.5 | -1.1/3.8 | -1.4/4.2 | -1.5/4.5 | -1.5/4.8 | -2.0/5.2 | -1.3/-- |
| AUS | 0.76 | 0.5/0.0 | 1.4/3.6 | 1.5/3.9 | 2.0/5.6 | 1.8/5.4 | 1.9/4.0 | 1.9/4.1 | 1.2/4.8 | 1.2/5.2 | 0.3/5.5 | -0.4/5.8 | -0.3/6.1 | -0.5/6.5 | -0.6/6.7 | -0.5/-- |
| AVP | -1.21 | -0.2/0.0 | -0.2/1.0 | -0.7/0.8 | -0.9/1.1 | -0.7/1.5 | -1.1/1.2 | -1.1/0.4 | -1.4/3.2 | -1.9/3.6 | -1.8/3.9 | -1.4/4.3 | -1.6/4.6 | -1.9/5.0 | -1.7/5.4 | -1.4/-- |
| BDL | -1.38 | -0.5/0.0 | -0.6/1.0 | -0.8/1.5 | -1.1/1.1 | -0.6/1.4 | -0.3/0.4 | -0.4/0.5 | -1.1/2.1 | -1.2/2.5 | -1.6/2.8 | -2.0/3.2 | -2.1/3.6 | -2.6/4.0 | -3.2/4.4 | -2.6/-- |
| BFL | 1.55 | 0.5/0.0 | 0.7/0.5 | 0.7/1.5 | 0.8/1.4 | 0.8/1.4 | 0.9/2.1 | 0.8/2.4 | 1.1/4.3 | 1.6/4.6 | 1.9/5.0 | 1.8/5.3 | 2.4/5.6 | 2.6/5.9 | 3.1/6.2 | 3.7/-- |
| BGM | -1.63 | -0.3/0.0 | -0.4/-0.5 | -1.0/-0.7 | -1.2/-0.6 | -0.9/-0.1 | -1.3/-0.5 | -1.5/-0.9 | -1.6/1.6 | -2.0/1.9 | -2.2/2.3 | -1.8/2.6 | -2.1/3.0 | -2.8/3.3 | -2.8/3.6 | -2.5/-- |
| BHM | 0.59 | 0.0/0.0 | -0.1/1.6 | 0.2/2.3 | 0.6/1.9 | 0.5/4.3 | 1.3/3.9 | 2.5/2.0 | 1.7/1.1 | 1.0/1.5 | -0.1/1.9 | 0.5/2.4 | 0.4/2.8 | 0.3/3.2 | 0.1/3.6 | 0.0/-- |
| BIS | -0.95 | -0.5/0.0 | -0.8/-1.4 | -0.6/-2.2 | -0.9/-3.0 | -1.4/-2.1 | -1.6/-2.5 | -1.4/-3.0 | -1.0/2.3 | -0.7/2.7 | -1.2/3.1 | -1.3/3.5 | -1.2/3.8 | -0.6/4.2 | -0.6/4.6 | -0.5/-- |
| BNA | 1.32 | 0.0/0.0 | 0.4/1.7 | 1.0/2.8 | 1.4/3.7 | 1.3/4.4 | 1.7/4.4 | 3.8/2.9 | 2.3/3.7 | 1.6/4.1 | 0.6/4.5 | 1.6/4.9 | 1.1/5.4 | 1.2/5.8 | 1.0/6.2 | 0.7/-- |
| BOI | -0.30 | -0.3/0.0 | -0.3/0.5 | -0.7/0.2 | -1.1/0.5 | -0.7/0.1 | -1.1/2.1 | -1.5/1.4 | -1.4/4.4 | -1.3/4.7 | -1.0/5.0 | -0.3/5.3 | 0.4/5.6 | 1.2/6.0 | 1.5/6.3 | 2.2/-- |
| BOS | 0.46 | -0.1/0.0 | -0.1/1.4 | -0.1/2.1 | 0.0/1.9 | 0.6/2.1 | 0.6/1.4 | 0.8/1.8 | 0.7/4.1 | 0.8/4.4 | 0.6/4.8 | 0.8/5.1 | 0.8/5.5 | 0.5/5.8 | 0.2/6.2 | 0.6/-- |
| BRO | 0.16 | -0.1/0.0 | -0.1/3.1 | -0.1/3.8 | 0.1/4.2 | 0.1/3.7 | 0.4/2.6 | 0.8/2.6 | 0.5/-1.5 | 0.5/-1.2 | 0.3/-1.0 | 0.2/-0.7 | 0.0/-0.5 | 0.1/-0.3 | -0.1/-0.0 | -0.1/-- |
| BTV | -0.38 | -0.4/0.0 | -0.3/0.6 | -0.4/0.1 | -0.5/0.8 | -0.0/1.6 | -0.1/1.3 | 0.2/0.4 | 0.0/2.7 | -0.1/3.1 | -0.2/3.5 | -0.2/3.8 | -0.3/4.2 | -1.0/4.5 | -1.4/4.9 | -0.9/-- |
| BUF | -0.70 | -0.3/0.0 | -0.6/1.0 | -0.8/0.9 | -1.0/0.7 | -1.0/1.9 | -1.1/1.7 | -1.3/1.1 | -1.4/3.4 | -0.9/3.8 | -0.4/4.1 | 0.0/4.5 | -0.2/4.8 | -0.6/5.2 | -0.6/5.5 | -0.2/-- |
| BUR | -2.77 | -1.0/0.0 | -1.6/-1.0 | -1.9/-1.0 | -2.1/-1.1 | -2.3/-0.8 | -2.5/0.1 | -3.0/0.3 | -3.1/-0.2 | -3.1/0.0 | -4.1/0.3 | -4.1/0.5 | -4.0/0.7 | -3.5/0.9 | -2.9/1.2 | -2.4/-- |
| BWI | -1.42 | -0.5/0.0 | -0.4/0.6 | -1.1/0.2 | -1.0/1.0 | -1.2/1.3 | -1.2/1.0 | -1.0/0.3 | -1.1/0.6 | -1.8/1.0 | -2.3/1.5 | -2.0/1.9 | -1.8/2.4 | -1.9/2.8 | -2.2/3.3 | -1.8/-- |
| CAE | 0.08 | -0.4/0.0 | -0.1/0.5 | -0.1/1.2 | 0.2/1.3 | 0.4/2.1 | 0.2/2.6 | 0.9/1.2 | 1.3/1.4 | 0.3/1.9 | -0.2/2.3 | -0.5/2.7 | -0.5/3.2 | -0.3/3.6 | -0.2/4.1 | 0.2/-- |
| CHA | 1.24 | 0.2/0.0 | 0.5/0.4 | 1.0/1.2 | 1.9/1.9 | 1.9/2.0 | 2.0/2.0 | 2.9/0.3 | 2.4/0.9 | 1.4/1.3 | 0.3/1.8 | 1.1/2.2 | 0.8/2.7 | 0.7/3.1 | 0.7/3.6 | 0.8/-- |
| CLE | -1.08 | -0.1/0.0 | 0.1/-0.4 | -0.0/-0.4 | 0.1/-0.1 | -0.4/0.1 | -0.4/0.8 | -0.3/-1.1 | -1.2/1.3 | -1.6/1.6 | -2.1/2.0 | -1.5/2.4 | -1.9/2.7 | -2.3/3.1 | -2.4/3.4 | -2.1/-- |
| CLT | -0.06 | -0.5/0.0 | -0.6/1.0 | -0.4/1.3 | -0.2/2.2 | 0.0/3.1 | -0.3/3.0 | 0.5/2.4 | 0.9/5.0 | 0.0/5.4 | -0.4/5.8 | -0.1/6.2 | -0.0/6.6 | -0.1/7.1 | -0.1/7.5 | 0.4/-- |
| CMH | 0.64 | 0.2/0.0 | 0.5/2.0 | 0.6/3.1 | 0.8/3.7 | 0.5/3.3 | 0.9/3.4 | 1.2/2.3 | 0.6/4.4 | 0.3/4.7 | 0.3/5.2 | 1.1/5.5 | 0.8/6.0 | 0.6/6.4 | 0.4/6.8 | 0.9/-- |
| CON | -0.66 | -0.3/0.0 | -0.2/3.2 | -0.3/2.3 | -0.7/3.0 | -0.7/3.2 | -0.3/2.8 | 0.1/3.2 | -0.4/3.4 | -0.8/3.8 | -0.7/4.1 | -0.8/4.5 | -1.0/4.9 | -1.2/5.3 | -1.6/5.6 | -1.0/-- |
| COS | -0.84 | -0.9/0.0 | -1.5/2.4 | -1.7/2.6 | -0.9/3.4 | -1.1/3.4 | -1.0/3.4 | -1.7/4.4 | -1.4/6.5 | -0.9/6.9 | -0.2/7.3 | -1.0/7.6 | -0.9/8.0 | -0.2/8.4 | 0.1/8.8 | 0.6/-- |
| COU | -0.61 | -0.3/0.0 | -0.3/0.8 | -0.4/1.4 | -0.5/3.1 | -0.9/2.7 | -1.1/1.3 | -1.2/1.2 | -1.5/4.3 | -1.4/4.7 | -0.8/5.1 | -0.7/5.5 | -0.2/5.8 | -0.1/6.2 | -0.1/6.6 | 0.2/-- |
| CQT | 0.12 | -0.0/0.0 | -0.0/-1.6 | -0.1/-1.6 | -0.2/-1.8 | 0.1/-1.6 | 0.1/-1.1 | -0.0/-0.2 | 0.1/2.0 | -0.0/2.2 | 0.0/2.4 | -0.1/2.6 | 0.0/2.7 | 0.4/2.9 | 0.7/3.1 | 0.8/-- |
| CRP | -0.02 | 0.5/0.0 | 0.4/3.3 | 0.4/3.6 | 1.0/3.8 | 1.1/4.0 | 1.3/3.0 | 1.2/2.0 | 0.5/-0.3 | -0.4/-0.0 | -0.6/0.3 | -1.2/0.5 | -0.9/0.8 | -1.1/1.1 | -1.2/1.3 | -1.2/-- |
| CRW | 1.11 | -0.0/0.0 | -0.0/0.7 | 0.2/1.4 | 1.3/3.0 | 0.8/2.5 | 1.1/3.4 | 1.5/1.9 | 1.7/1.9 | 1.3/2.4 | 0.8/2.7 | 1.5/3.1 | 1.4/3.5 | 1.9/4.0 | 1.5/4.4 | 1.8/-- |
| CVG | 0.35 | -0.4/0.0 | -0.1/2.6 | 0.4/3.4 | 0.2/3.9 | 0.1/4.0 | 0.7/3.8 | 1.6/2.8 | 0.5/5.1 | 0.2/5.5 | -0.1/5.9 | 0.6/6.3 | 0.6/6.6 | 0.5/7.1 | 0.1/7.5 | 0.3/-- |
| DAY | -0.73 | -0.0/0.0 | 0.3/1.5 | 0.3/1.9 | 0.1/3.0 | -0.2/2.9 | -0.2/3.5 | 0.1/1.6 | -0.9/4.3 | -1.3/4.6 | -1.7/5.0 | -1.1/5.4 | -1.5/5.7 | -1.6/6.1 | -1.7/6.5 | -1.5/-- |
| DBQ | -0.13 | 0.4/0.0 | 0.4/1.0 | 0.4/0.4 | 0.5/1.4 | 0.1/1.9 | 0.1/1.1 | -0.4/0.7 | -1.0/5.8 | -0.7/6.2 | -0.7/6.5 | -0.6/6.9 | -0.4/7.3 | 0.1/7.7 | -0.2/8.1 | 0.1/-- |
| DCA | -1.23 | 0.1/0.0 | 0.2/-0.5 | -0.3/-0.2 | -0.4/0.8 | -0.6/0.9 | -0.7/0.8 | -0.7/0.0 | -0.5/1.8 | -1.4/2.2 | -2.6/2.6 | -2.3/3.1 | -2.2/3.5 | -2.3/3.9 | -2.6/4.3 | -2.2/-- |
| DEC | -1.96 | -0.4/0.0 | -0.3/-0.2 | -0.5/-0.6 | -0.7/0.8 | -1.0/1.3 | -1.6/-0.5 | -1.2/-0.9 | -2.2/3.3 | -2.7/3.7 | -2.8/4.1 | -3.1/4.4 | -3.3/4.8 | -3.3/5.2 | -3.2/5.5 | -3.2/-- |
| DEN | -0.42 | -0.2/0.0 | -0.7/0.7 | -0.5/1.0 | -0.5/1.6 | -0.9/2.1 | -1.2/3.4 | -1.6/3.7 | -1.2/7.3 | -0.5/7.7 | 0.0/8.1 | -0.5/8.4 | -0.4/8.8 | 0.1/9.2 | 0.5/9.5 | 1.2/-- |
| DFW | -0.05 | 0.7/0.0 | 0.6/3.7 | 0.4/5.7 | 0.8/6.7 | 0.3/7.0 | 0.9/5.8 | 1.0/5.2 | 0.2/5.5 | -0.3/5.8 | -0.6/6.2 | -0.6/6.6 | -0.7/7.0 | -1.1/7.3 | -1.3/7.7 | -1.1/-- |
| DLH | 1.00 | 0.2/0.0 | 0.4/-0.9 | 0.6/-0.1 | 0.7/0.7 | 0.9/0.1 | 0.4/0.2 | 0.2/-0.4 | 0.5/3.8 | 0.9/4.2 | 1.1/4.5 | 1.0/4.9 | 1.3/5.2 | 2.1/5.5 | 2.4/5.9 | 2.3/-- |
| DSM | 0.02 | -0.4/0.0 | -0.3/-0.1 | 0.2/0.2 | 0.5/0.5 | 0.4/1.0 | 0.4/0.2 | -0.0/-0.7 | -0.3/5.1 | 0.0/5.5 | -0.0/5.9 | -0.3/6.3 | -0.2/6.7 | 0.3/7.1 | 0.1/7.5 | 0.1/-- |
| DTW | 0.40 | 0.4/0.0 | 0.2/1.4 | 0.5/2.0 | 0.6/1.8 | 0.5/2.4 | 0.8/2.6 | 0.4/1.2 | 0.3/4.0 | 0.3/4.3 | 0.4/4.7 | 0.9/5.1 | 0.2/5.5 | -0.1/5.9 | 0.1/6.3 | 0.5/-- |
| ELP | -0.15 | 0.3/0.0 | 0.3/3.1 | 0.4/2.2 | 0.7/2.0 | 1.0/2.4 | 0.8/1.0 | 0.3/1.1 | 0.3/1.3 | 0.1/1.7 | -0.8/2.1 | -1.0/2.5 | -1.3/2.9 | -1.4/3.4 | -1.1/3.7 | -0.9/-- |
| ERI | -0.13 | 0.1/0.0 | 0.3/1.8 | 0.0/1.3 | -0.1/1.7 | -0.1/2.0 | -0.1/2.2 | -0.1/1.4 | -0.1/4.2 | -0.1/4.6 | -0.1/4.9 | 0.1/5.3 | -0.3/5.6 | -0.5/6.0 | -0.6/6.4 | -0.3/-- |
| EUG | -1.79 | -0.2/0.0 | -0.7/0.4 | -0.9/0.2 | -0.9/0.4 | -1.4/-0.2 | -1.9/1.1 | -2.4/0.8 | -2.5/-0.4 | -2.7/-0.2 | -2.9/-0.0 | -2.4/0.2 | -2.5/0.4 | -2.0/0.6 | -1.9/0.8 | -1.5/-- |
| EVV | 0.21 | -0.3/0.0 | -0.2/1.8 | 0.0/2.1 | 0.1/3.9 | -0.4/3.9 | -0.0/3.5 | 0.0/1.2 | -0.4/2.5 | -0.3/2.9 | 0.3/3.4 | 0.7/3.8 | 1.0/4.2 | 1.0/4.6 | 0.8/5.0 | 0.8/-- |
| EWR | -0.09 | -0.4/0.0 | -0.5/0.8 | -0.4/1.0 | -0.3/1.4 | -0.1/1.4 | -0.3/0.6 | -0.1/0.8 | -0.2/3.3 | -0.2/3.7 | 0.1/4.1 | 0.4/4.5 | 0.3/4.8 | -0.0/5.2 | -0.2/5.6 | 0.4/-- |
| FAR | -0.15 | -0.0/0.0 | 0.0/-0.4 | 0.0/-1.3 | 0.2/0.1 | -0.1/0.2 | -0.3/-0.0 | -0.7/-0.4 | -0.1/3.9 | 0.2/4.3 | -0.3/4.7 | -0.4/5.1 | -0.7/5.5 | 0.1/5.9 | 0.1/6.3 | -0.1/-- |
| FAT | 0.53 | 0.2/0.0 | 0.3/-0.9 | 0.2/-0.4 | -0.0/-0.4 | 0.0/0.5 | 0.1/1.0 | -0.1/1.6 | -0.0/1.6 | 0.1/1.9 | 0.4/2.2 | 0.5/2.5 | 1.0/2.8 | 1.3/3.1 | 1.7/3.4 | 2.4/-- |
| FLG | -0.07 | -0.7/0.0 | -0.5/2.2 | -0.2/2.7 | -0.8/2.4 | -0.9/1.4 | -1.1/3.1 | -1.1/2.6 | -0.6/4.3 | -0.0/4.6 | 0.5/5.0 | 0.6/5.3 | 0.4/5.7 | 0.8/6.0 | 1.4/6.4 | 1.3/-- |
| FMY | 2.04 | 0.4/0.0 | 0.9/2.0 | 1.4/1.4 | 1.7/1.8 | 1.9/2.2 | 2.4/2.4 | 2.7/2.8 | 2.5/0.8 | 2.2/1.0 | 2.1/1.2 | 2.6/1.4 | 2.5/1.6 | 2.5/1.8 | 2.4/2.0 | 2.4/-- |
| FSD | -1.57 | -0.6/0.0 | -0.9/-1.3 | -1.1/-0.9 | -1.5/-0.7 | -1.9/-0.0 | -2.2/0.4 | -2.1/-1.9 | -1.6/2.7 | -1.8/3.1 | -1.5/3.5 | -2.0/3.9 | -2.0/4.4 | -1.4/4.8 | -1.6/5.2 | -1.5/-- |
| FWA | -0.31 | 0.2/0.0 | 0.2/0.6 | 0.2/1.1 | 0.2/1.5 | 0.1/1.2 | 0.5/1.6 | 0.4/-0.3 | 0.5/3.5 | 0.2/3.9 | -1.0/4.3 | -0.7/4.6 | -1.3/5.0 | -1.6/5.4 | -1.4/5.7 | -1.2/-- |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GAD | 0.99 | 0.1/0.0 | 0.1/-1.7 | 0.5/0.1 | 1.1/2.5 | 1.2/2.2 | 1.8/2.4 | 2.9/0.6 | 2.3/2.2 | 1.7/2.6 | 0.3/3.1 | 0.9/3.5 | 0.7/4.0 | 0.5/4.4 | 0.3/4.9 | 0.3/-- |
| GEG | 1.94 | 0.1/0.0 | 0.5/-0.9 | 0.9/-0.5 | 1.4/-0.5 | 1.1/-1.4 | 1.0/0.2 | 1.4/0.8 | 1.8/2.9 | 2.1/3.2 | 2.7/3.5 | 2.5/3.9 | 2.4/4.2 | 3.3/4.5 | 3.4/4.9 | 4.4/-- |
| GTF | 0.29 | -0.5/0.0 | -1.0/-1.4 | -1.6/-2.7 | -2.3/-1.5 | -2.9/-1.9 | -2.6/-0.1 | -1.5/-0.2 | -0.9/5.0 | 0.1/5.3 | 0.7/5.5 | 2.1/5.8 | 2.8/6.1 | 3.6/6.3 | 3.9/6.6 | 4.5/-- |
| HOU | 2.44 | 1.0/0.0 | 1.4/2.4 | 1.7/2.9 | 2.3/2.9 | 2.6/2.6 | 2.8/1.4 | 3.3/2.3 | 2.5/0.9 | 2.5/1.2 | 2.7/1.5 | 2.8/1.9 | 2.9/2.2 | 2.7/2.5 | 2.7/2.8 | 2.7/-- |
| HSV | 0.77 | 0.0/0.0 | 0.1/0.6 | 0.2/0.6 | 0.9/2.7 | 0.9/2.8 | 1.3/2.9 | 2.5/0.1 | 1.9/1.3 | 1.3/1.7 | 0.0/2.1 | 0.9/2.5 | 0.6/2.9 | 0.2/3.4 | 0.2/3.8 | 0.2/-- |
| IAH | -0.42 | -0.0/0.0 | 0.3/2.4 | 0.6/3.4 | 1.3/3.6 | 1.1/3.1 | 1.0/2.1 | 0.9/2.3 | 0.2/-0.6 | -0.1/-0.3 | -1.6/0.1 | -2.0/0.4 | -2.0/0.7 | -2.1/1.1 | -2.1/1.4 | -1.8/-- |
| ICT | 0.11 | 0.1/0.0 | -0.3/2.6 | -0.0/4.8 | -0.2/5.2 | -0.4/5.0 | 0.5/4.8 | -0.2/4.5 | -0.5/8.2 | -0.4/8.6 | 0.5/9.0 | 0.3/9.5 | 0.3/9.9 | 0.4/10.3 | 0.6/10.7 | 1.0/-- |
| ILG | -0.24 | -0.3/0.0 | -0.1/0.7 | -0.3/0.4 | 0.0/1.2 | -0.2/1.1 | -0.4/1.3 | -0.1/0.3 | -0.4/2.1 | -0.9/2.5 | -0.8/2.9 | -0.1/3.3 | -0.1/3.7 | -0.1/4.1 | -0.2/4.5 | 0.3/-- |
| IND | 0.27 | -0.2/0.0 | 0.1/1.0 | 0.5/1.4 | 0.4/2.8 | 0.1/2.6 | 0.5/1.7 | 1.3/0.4 | 0.1/2.7 | -0.4/3.1 | 0.1/3.5 | 0.5/3.8 | 0.4/4.2 | 0.3/4.6 | 0.0/5.0 | 0.2/-- |
| IPT | -1.14 | -0.4/0.0 | -0.4/-0.1 | -0.9/-0.8 | -0.7/-0.3 | -0.7/-0.1 | -0.9/0.2 | -0.7/-0.7 | -1.0/0.7 | -1.4/1.1 | -1.7/1.5 | -1.2/1.9 | -1.5/2.3 | -1.9/2.7 | -2.1/3.1 | -1.7/-- |
| JAN | 1.49 | 0.2/0.0 | 0.9/1.8 | 1.4/3.2 | 1.8/4.3 | 2.0/4.9 | 2.2/4.4 | 3.7/3.2 | 3.2/1.5 | 2.7/1.9 | 1.3/2.3 | 1.0/2.7 | 0.7/3.2 | 0.5/3.6 | 0.4/4.1 | 0.4/-- |
| JAX | -0.13 | 0.2/0.0 | 0.4/0.4 | 0.4/0.2 | 0.5/0.2 | 1.0/1.1 | 0.5/1.3 | 0.4/0.6 | 0.3/-1.1 | -0.4/-0.8 | -0.5/-0.4 | -0.9/-0.1 | -1.0/0.3 | -0.9/0.6 | -1.0/0.9 | -1.0/-- |
| JFK | -0.07 | 0.2/0.0 | 0.4/1.0 | 0.3/0.5 | 0.5/0.7 | 0.7/0.9 | 0.4/1.1 | 0.2/0.0 | -0.0/2.4 | -0.3/2.8 | -0.5/3.2 | -0.3/3.5 | -0.4/3.9 | -0.8/4.3 | -0.9/4.6 | -0.5/-- |
| LAN | -1.19 | 0.2/0.0 | 0.1/0.5 | -0.0/0.5 | -0.0/1.2 | -0.5/0.4 | -0.7/0.4 | -1.1/0.1 | -1.4/1.5 | -1.8/1.9 | -1.9/2.2 | -1.6/2.5 | -2.2/2.9 | -2.3/3.2 | -2.5/3.5 | -2.1/-- |
| LAS | 1.48 | 0.4/0.0 | 0.6/0.0 | 0.6/-0.3 | 0.7/1.5 | 0.7/0.8 | 0.6/1.1 | 0.8/1.5 | 1.1/2.6 | 1.8/3.1 | 2.0/3.5 | 1.8/3.9 | 2.2/4.4 | 2.6/4.8 | 3.2/5.2 | 3.4/-- |
| LAX | -0.75 | -0.5/0.0 | -0.7/-1.0 | -0.8/0.2 | -0.9/-0.2 | -1.0/-0.1 | -1.0/-0.3 | -0.9/0.7 | -0.8/2.6 | -0.8/2.8 | -0.8/2.9 | -1.2/3.1 | -1.1/3.2 | -0.7/3.4 | -0.3/3.5 | 0.1/-- |
| LEX | 0.78 | -0.2/0.0 | -0.0/1.6 | 0.5/2.5 | 0.5/3.5 | 0.2/4.2 | 0.5/4.5 | 1.0/1.8 | 0.3/4.7 | 0.3/5.1 | 0.5/5.5 | 1.2/5.8 | 1.7/6.3 | 1.9/6.6 | 1.6/7.0 | 1.8/-- |
| LFK | 0.89 | 0.1/0.0 | 0.2/2.8 | 0.4/3.6 | 1.4/4.8 | 1.6/4.1 | 1.6/3.5 | 1.9/3.1 | 1.6/1.4 | 1.0/1.7 | 0.7/2.1 | 0.6/2.5 | 0.7/2.9 | 0.5/3.2 | 0.6/3.6 | 0.5/-- |
| LGA | 0.60 | 0.1/0.0 | 0.3/0.4 | 0.3/0.2 | 0.6/0.8 | 0.9/1.2 | 0.8/1.4 | 0.8/0.2 | 0.8/2.7 | 0.6/3.0 | 0.6/3.4 | 0.7/3.7 | 0.7/4.1 | 0.5/4.5 | 0.4/4.8 | 0.9/-- |
| LGB | -2.65 | -0.9/0.0 | -1.3/-0.4 | -1.8/-0.5 | -2.0/-0.3 | -2.5/-0.4 | -2.5/0.6 | -2.8/0.4 | -2.9/2.1 | -2.9/2.3 | -3.9/2.5 | -3.9/2.7 | -3.8/2.9 | -3.5/3.1 | -2.7/3.3 | -2.3/-- |
| LIT | -0.32 | -0.1/0.0 | 0.1/0.3 | 0.1/1.9 | 0.1/3.1 | -0.1/4.5 | 0.6/1.5 | 1.6/1.2 | 0.4/3.3 | -0.2/3.7 | -1.0/4.1 | -1.0/4.5 | -1.2/4.9 | -1.4/5.4 | -1.3/5.8 | -1.3/-- |
| LNS | -1.17 | -0.8/0.0 | -0.8/0.4 | -1.1/0.4 | -1.0/0.6 | -1.1/0.5 | -1.2/0.5 | -0.6/-0.4 | -1.0/-3.0 | -1.5/-2.7 | -1.5/-2.4 | -1.2/-2.0 | -1.3/-1.7 | -1.5/-1.4 | -1.8/-1.0 | -1.2/-- |
| MAF | 0.46 | 0.3/0.0 | 0.7/5.9 | 1.2/7.0 | 1.2/6.6 | 1.1/5.5 | 1.2/5.4 | 0.9/4.7 | 0.2/4.6 | 0.3/5.0 | 0.0/5.4 | -0.1/5.7 | -0.0/6.1 | -0.1/6.5 | -0.1/6.8 | 0.2/-- |
| MBA | -1.11 | -0.6/0.0 | -0.5/1.6 | -0.9/1.9 | -1.2/2.3 | -0.8/2.5 | -0.6/1.3 | -0.3/1.5 | -0.9/2.9 | -1.0/3.2 | -1.1/3.6 | -1.4/3.9 | -1.5/4.3 | -1.8/4.7 | -2.4/5.0 | -1.8/-- |
| MCI | -0.65 | -0.2/0.0 | -0.3/1.4 | -0.1/2.7 | -0.0/3.0 | -0.2/2.1 | -0.4/1.1 | -1.2/1.8 | -1.3/6.4 | -1.4/6.8 | -1.0/7.2 | -1.0/7.5 | -0.9/7.9 | -0.6/8.3 | -0.6/8.6 | -0.5/-- |
| MCN | -0.10 | -0.1/0.0 | -0.0/0.2 | -0.4/0.7 | 0.3/2.3 | 0.5/2.0 | 0.6/3.1 | 0.7/1.4 | 1.1/-0.4 | 0.5/0.0 | -0.7/0.5 | -0.8/0.9 | -0.9/1.3 | -0.9/1.8 | -1.0/2.2 | -0.5/-- |
| MCO | 0.71 | 0.2/0.0 | 0.3/1.0 | 0.5/1.5 | 0.8/1.1 | 1.0/1.6 | 1.2/1.9 | 1.3/2.2 | 1.2/-0.5 | 0.6/-0.3 | 0.6/-0.1 | 0.8/0.2 | 0.6/0.4 | 0.6/0.6 | 0.4/0.9 | 0.5/-- |
| MDT | -0.25 | -0.0/0.0 | 0.1/0.6 | -0.3/-0.3 | -0.0/1.0 | -0.5/1.2 | -0.5/1.0 | -0.2/0.8 | -0.4/2.5 | -0.9/2.9 | -0.6/3.3 | -0.1/3.7 | -0.1/4.1 | -0.2/4.5 | -0.3/4.9 | 0.2/-- |
| MEM | 0.84 | 0.1/0.0 | 0.6/1.1 | 0.1/1.9 | 0.7/3.5 | 0.9/4.2 | 1.4/2.7 | 2.4/2.1 | 1.2/2.7 | 1.1/3.2 | 0.4/3.5 | 1.1/4.0 | 0.8/4.4 | 0.9/4.8 | 0.6/5.2 | 0.3/-- |
| MHT | -0.17 | -0.3/0.0 | -0.2/2.2 | -0.4/1.4 | -0.4/1.5 | -0.1/1.8 | 0.3/2.1 | 0.5/1.2 | 0.3/-5.4 | 0.0/-5.0 | 0.0/-4.6 | -0.2/-4.3 | -0.2/-3.9 | -0.5/-3.5 | -1.0/-3.1 | -0.4/-- |
| MIA | 0.45 | 0.1/0.0 | 0.4/-0.2 | 0.4/0.1 | 0.4/0.1 | 0.4/0.6 | 0.7/0.6 | 1.0/0.1 | 0.7/-2.9 | 0.5/-2.8 | 0.4/-2.6 | 0.5/-2.5 | 0.5/-2.4 | 0.4/-2.2 | 0.2/-2.1 | 0.2/-- |
| MKE | -1.04 | -0.0/0.0 | -0.3/-0.8 | -0.2/0.1 | -0.2/-0.4 | -0.1/0.4 | -0.1/1.2 | -0.7/-0.1 | -1.3/3.0 | -1.5/3.4 | -1.9/3.8 | -1.6/4.2 | -1.9/4.6 | -1.8/5.0 | -2.0/5.4 | -2.0/-- |
| MOB | 1.20 | 0.4/0.0 | 0.4/1.4 | 0.9/1.8 | 1.0/1.8 | 1.5/2.5 | 1.8/2.8 | 2.5/1.3 | 2.1/-0.9 | 1.2/-0.5 | 1.1/-0.1 | 1.0/0.3 | 1.2/0.7 | 0.9/1.1 | 1.1/1.5 | 1.0/-- |
| MSP | 0.71 | -0.1/0.0 | -0.2/0.1 | 0.1/-0.5 | 0.3/0.9 | 0.1/1.4 | 0.1/1.8 | 0.3/0.6 | 0.7/4.5 | 1.4/4.8 | 1.4/5.2 | 0.9/5.6 | 1.0/6.0 | 1.6/6.4 | 1.6/6.8 | 1.5/-- |
| MSY | -1.11 | 0.1/0.0 | 0.4/2.0 | 1.1/2.7 | 0.9/2.6 | 0.5/2.8 | 0.6/2.5 | 0.9/1.5 | -0.5/-1.5 | -0.8/-1.1 | -2.6/-0.8 | -3.2/-0.4 | -3.6/0.0 | -3.4/0.4 | -3.6/0.7 | -3.5/-- |
| MWL | 0.75 | 0.3/0.0 | 0.2/5.2 | 0.3/6.6 | 0.7/7.4 | 0.3/7.8 | 0.8/6.2 | 1.0/5.3 | 0.6/7.4 | 0.6/7.7 | 0.9/8.1 | 0.7/8.4 | 1.1/8.7 | 1.0/9.1 | 1.2/9.4 | 1.5/-- |
| NKX | 0.05 | -0.5/0.0 | -0.2/2.6 | -0.4/3.0 | -0.3/2.3 | -0.4/2.3 | -0.6/2.3 | -0.6/2.4 | -0.8/0.0 | -0.5/0.0 | -0.3/0.0 | 0.1/0.0 | 0.5/0.0 | 0.7/0.0 | 1.7/0.0 | 2.4/-- |
| NTU | -1.82 | -0.9/0.0 | -0.7/0.3 | -0.9/0.1 | -0.9/0.6 | -1.4/1.1 | -1.7/1.7 | -1.3/0.7 | -1.1/2.8 | -2.1/3.2 | -3.1/3.6 | -2.6/4.0 | -2.7/4.4 | -2.6/4.7 | -2.7/5.1 | -2.5/-- |
| OAK | -2.24 | -0.4/0.0 | -0.7/-0.8 | -1.1/-0.5 | -1.3/-0.4 | -1.5/-0.5 | -1.7/-0.1 | -2.5/0.1 | -2.7/4.5 | -2.9/4.7 | -2.8/4.8 | -3.6/4.9 | -3.5/5.0 | -3.3/5.1 | -3.1/5.2 | -2.7/-- |
| OKC | -0.46 | 0.1/0.0 | 0.2/2.8 | 0.2/4.2 | 0.2/5.0 | -0.3/5.5 | 0.5/4.3 | -0.1/3.8 | -0.6/6.9 | -0.9/7.3 | -0.8/7.7 | -1.0/8.1 | -0.9/8.5 | -1.3/8.8 | -1.3/9.3 | -0.8/-- |
| OMA | -0.50 | -0.3/0.0 | -0.4/0.7 | 0.0/1.3 | 0.3/2.3 | 0.3/2.3 | 0.1/1.4 | -0.8/1.3 | -1.3/5.5 | -1.1/5.9 | -0.9/6.3 | -1.0/6.7 | -0.8/7.1 | -0.3/7.5 | -0.7/8.0 | -0.5/-- |
| ORD | -0.72 | 0.0/0.0 | -0.2/1.0 | -0.3/0.3 | -0.6/0.9 | -0.6/0.5 | -0.5/0.3 | -0.7/-0.3 | -1.2/2.2 | -1.1/2.5 | -0.9/2.9 | -0.9/3.3 | -1.1/3.7 | -0.8/4.1 | -1.0/4.5 | -0.8/-- |
| ORH | -0.36 | -0.2/0.0 | 0.2/1.9 | -0.3/1.9 | -0.3/2.1 | 0.3/2.3 | 0.5/1.5 | 0.4/1.6 | 0.1/2.9 | 0.2/3.3 | -0.1/3.6 | -0.8/3.9 | -0.8/4.3 | -1.3/4.6 | -1.9/5.0 | -1.3/-- |
| PDT | -1.91 | -1.2/0.0 | -1.5/1.3 | -2.0/1.4 | -1.9/2.1 | -1.8/1.0 | -2.5/2.3 | -2.6/2.6 | -2.8/5.1 | -2.6/5.4 | -3.3/5.7 | -2.4/6.0 | -1.8/6.3 | -1.2/6.5 | -1.0/6.8 | -0.0/-- |
| PDX | 0.43 | 2.8/0.0 | 0.6/-1.5 | 0.1/-0.7 | 0.3/-0.2 | 0.5/-0.7 | 0.3/0.1 | 0.1/-0.2 | 0.0/-0.4 | 0.0/-0.2 | -0.3/0.1 | 0.0/0.3 | 0.2/0.5 | 0.5/0.8 | 0.3/1.1 | 0.9/-- |
| PHL | -0.36 | -0.0/0.0 | -0.0/1.2 | -0.2/0.8 | -0.2/1.5 | -0.2/1.6 | -0.4/1.8 | -0.1/0.5 | -0.1/3.2 | -0.7/3.6 | -0.7/4.0 | -0.5/4.4 | -0.5/4.8 | -0.6/5.2 | -0.8/5.6 | -0.3/-- |
| PHX | 1.06 | 0.4/0.0 | 0.4/1.7 | 0.5/1.6 | 0.4/1.4 | 0.5/1.7 | 0.7/2.8 | 0.7/3.0 | 0.6/3.5 | 0.8/3.9 | 1.1/4.3 | 1.2/4.7 | 1.5/5.1 | 1.7/5.5 | 2.3/5.9 | 3.1/-- |
| PIR | -0.61 | -0.7/0.0 | -0.9/1.2 | -0.9/1.0 | -1.2/0.8 | -1.8/0.5 | -1.4/1.5 | -1.5/1.1 | -0.8/7.0 | -0.6/7.4 | -0.5/7.8 | -0.6/8.2 | -0.1/8.6 | 0.5/9.0 | 0.5/9.4 | 0.8/-- |
| PIT | 0.42 | 0.4/0.0 | 0.6/1.4 | 0.5/1.5 | 0.6/2.0 | 0.4/1.8 | 0.5/2.2 | 0.5/0.9 | 0.5/3.4 | -0.2/3.7 | -0.1/4.1 | 0.8/4.5 | 0.6/4.9 | 0.4/5.3 | 0.2/5.7 | 0.6/-- |
| PVD | -0.15 | -0.3/0.0 | -0.2/1.9 | -0.3/2.0 | -0.4/2.1 | -0.0/2.2 | 0.0/1.7 | 0.1/1.7 | -0.0/2.4 | -0.1/2.8 | 0.1/3.1 | -0.0/3.5 | 0.1/3.9 | -0.3/4.3 | -0.7/4.6 | -0.2/-- |
| PWM | -0.29 | -0.1/0.0 | -0.1/2.2 | -0.2/2.6 | -0.4/1.4 | -0.2/2.5 | 0.2/2.2 | 0.5/2.4 | 0.3/1.7 | 0.0/2.1 | -0.2/2.4 | -0.6/2.8 | -0.6/3.2 | -0.8/3.5 | -1.3/3.9 | -0.8/-- |
| RAL | 0.62 | 0.3/0.0 | 0.1/3.7 | -0.1/2.9 | -0.0/4.1 | 0.2/4.2 | 0.3/5.3 | 0.1/4.5 | 0.7/9.4 | 0.9/9.6 | 0.4/9.9 | 0.8/10.2 | 0.9/10.4 | 1.1/10.7 | 1.6/10.9 | 1.9/-- |
| RAP | -0.85 | -1.2/0.0 | -1.6/1.7 | -2.0/1.8 | -2.7/1.4 | -3.1/1.8 | -2.9/2.3 | -2.2/2.7 | -1.4/8.4 | -1.4/8.7 | -0.9/9.1 | 0.4/9.5 | 1.4/9.8 | 2.0/10.2 | 1.2/10.6 | 1.5/-- |
| RBL | 0.21 | 0.2/0.0 | 0.1/-2.1 | 0.0/-1.5 | 0.1/-1.6 | 0.1/-1.9 | 0.1/-0.8 | -0.0/-1.6 | -0.2/2.0 | -0.1/2.3 | 0.1/2.5 | 0.2/2.8 | 0.4/3.1 | 0.5/3.4 | 1.0/3.7 | 0.8/-- |
| RDD | -0.35 | -0.3/0.0 | -0.2/-0.9 | -0.3/-0.2 | -0.2/0.0 | -0.8/-1.5 | -0.8/-0.1 | -0.8/0.2 | -0.9/0.1 | -0.8/0.4 | -0.7/0.6 | -0.4/1.0 | -0.1/1.3 | 0.1/1.6 | 0.4/1.9 | 0.2/-- |
| RDU | -0.89 | -0.2/0.0 | -0.3/-0.2 | -0.4/-0.3 | -0.5/1.3 | -0.5/1.6 | -0.5/1.6 | -0.1/1.1 | -0.1/1.0 | -1.2/1.5 | -2.2/1.9 | -1.8/2.3 | -1.5/2.8 | -1.5/3.2 | -1.6/3.7 | -0.9/-- |
| RIC | -0.43 | -0.4/0.0 | -0.5/0.2 | -0.6/0.3 | -0.4/1.0 | -0.4/1.0 | -0.6/0.6 | 0.1/0.5 | 0.3/1.2 | -0.5/1.6 | -1.0/2.1 | -0.5/2.5 | -0.4/2.9 | -0.5/3.4 | -0.7/3.8 | -0.2/-- |
| RNO | -1.50 | -0.7/0.0 | -1.0/-0.2 | -1.6/0.6 | -1.7/-0.8 | -2.2/-0.6 | -1.9/0.4 | -2.4/0.5 | -2.7/-2.5 | -2.8/-2.2 | -2.3/-1.9 | -2.3/-1.6 | -1.4/-1.3 | -0.6/-1.0 | 0.5/-0.7 | 0.6/-- |

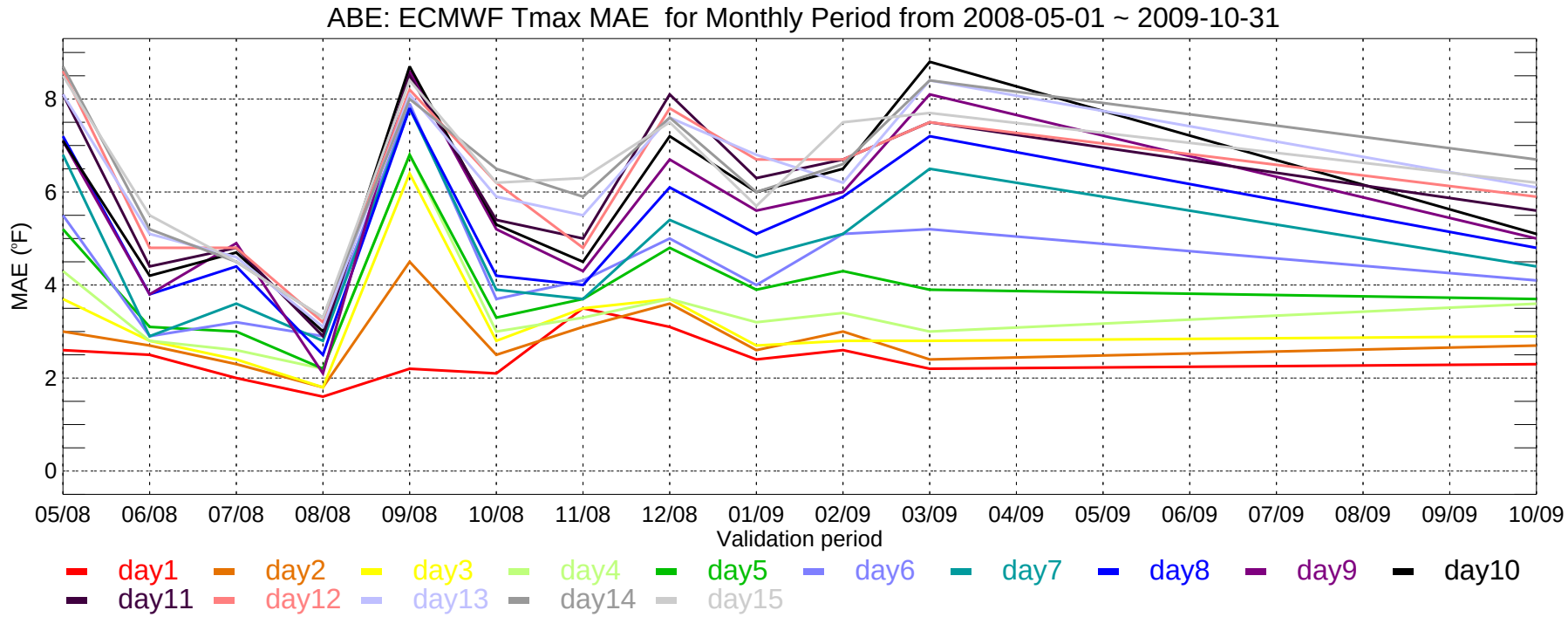
| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ROA | -0.25 | 0.2/0.0 | 0.3/-0.4 | 0.4/-0.7 | 0.4/0.9 | -0.1/1.4 | 0.3/1.0 | 0.6/0.7 | 0.8/-0.1 | -0.1/0.3 | -1.3/0.7 | -1.0/1.2 | -0.9/1.5 | -0.9/2.0 | -1.4/2.4 | -1.0/-- |
| ROC | -0.91 | -0.1/0.0 | -0.0/1.6 | -0.8/1.8 | -1.1/2.0 | -0.8/2.9 | -1.1/2.0 | -1.2/1.4 | -1.4/3.3 | -1.5/3.6 | -0.9/3.9 | -0.6/4.3 | -0.8/4.6 | -1.3/5.0 | -1.1/5.3 | -0.8/-- |
| SAC | -0.03 | 0.2/0.0 | 0.1/-1.5 | -0.3/-0.2 | -0.3/-0.4 | -3.6/-1.0 | -0.5/-0.6 | -0.2/-0.1 | -0.0/1.9 | -0.0/2.1 | 0.4/2.3 | 0.4/2.5 | 0.6/2.7 | 0.8/2.8 | 0.9/3.0 | 1.1/-- |
| SAN | -0.30 | -0.1/0.0 | -0.1/1.1 | -0.3/1.5 | -0.3/1.4 | -0.4/1.3 | -0.6/1.6 | -0.6/1.8 | -0.6/3.2 | -0.7/3.4 | -0.7/3.6 | -0.5/3.8 | -0.3/4.0 | -0.1/4.2 | 0.3/4.3 | 0.6/-- |
| SAT | -0.19 | 0.5/0.0 | 0.9/3.1 | 0.9/4.2 | 1.5/5.3 | 1.3/5.6 | 1.4/4.3 | 0.9/4.1 | 0.2/1.5 | -0.1/1.9 | -1.1/2.2 | -1.8/2.5 | -1.7/2.9 | -1.9/3.2 | -2.0/3.5 | -1.9/-- |
| SAV | -1.08 | -0.1/0.0 | -0.2/1.5 | -0.6/0.5 | -0.3/1.7 | -0.2/2.8 | -0.7/3.0 | -0.9/2.4 | -0.4/0.5 | -1.7/0.8 | -2.7/1.3 | -1.7/1.6 | -1.9/2.1 | -1.8/2.5 | -1.6/2.9 | -1.3/-- |
| SDF | 0.91 | 0.1/0.0 | 0.2/1.8 | 0.6/3.2 | 0.5/3.9 | 0.3/4.1 | 0.6/4.0 | 1.1/2.3 | 0.6/4.8 | 0.5/5.3 | 0.8/5.7 | 1.5/6.1 | 1.8/6.5 | 1.8/7.0 | 1.5/7.4 | 1.6/-- |
| SEA | -1.12 | -0.5/0.0 | -0.6/-1.8 | -0.8/-1.6 | -0.9/-1.4 | -1.2/-1.5 | -1.1/-0.4 | -1.2/0.0 | -1.2/0.9 | -1.0/1.1 | -1.4/1.3 | -1.7/1.5 | -1.6/1.7 | -1.4/1.9 | -1.4/2.2 | -0.7/-- |
| SFO | -1.20 | -0.3/0.0 | -0.5/-1.2 | -0.6/-0.9 | -0.8/-0.6 | -0.9/-0.6 | -0.9/-0.5 | -1.4/-0.3 | -1.4/-1.2 | -1.5/-1.0 | -1.7/-0.9 | -1.9/-0.8 | -1.7/-0.7 | -1.8/-0.6 | -1.5/-0.5 | -1.2/-- |
| SJC | -1.51 | -0.4/0.0 | -0.7/-0.4 | -1.0/-0.9 | -1.1/-0.4 | -1.0/-0.4 | -1.3/0.3 | -1.9/0.2 | -1.9/0.9 | -1.9/1.1 | -1.6/1.2 | -2.5/1.4 | -2.3/1.5 | -2.1/1.7 | -1.7/1.9 | -1.3/-- |
| SJT | -0.15 | 0.1/0.0 | 0.2/5.3 | 0.5/5.6 | 0.5/5.2 | -0.0/6.0 | 0.6/5.2 | 0.4/4.2 | -0.5/2.9 | -0.7/3.3 | -0.6/3.6 | -0.7/3.9 | -0.4/4.3 | -0.6/4.6 | -0.6/4.9 | -0.4/-- |
| SLC | 0.76 | -0.2/0.0 | 0.1/0.2 | -0.2/0.2 | 0.0/-0.5 | -0.0/1.0 | 0.1/1.6 | 0.4/2.5 | 0.9/4.3 | 1.1/4.6 | 1.3/5.0 | 0.7/5.4 | 0.8/5.8 | 1.5/6.1 | 2.3/6.5 | 2.6/-- |
| SSI | 0.72 | 0.0/0.0 | 0.3/0.5 | 0.5/0.5 | 0.5/1.7 | 1.2/1.9 | 1.2/2.1 | 1.1/1.6 | 1.2/0.4 | 0.6/0.8 | 0.6/1.1 | 0.7/1.5 | 0.6/1.8 | 0.8/2.1 | 0.7/2.5 | 0.8/-- |
| STL | -0.32 | 0.1/0.0 | 0.3/0.6 | 0.4/0.8 | 0.2/2.3 | -0.1/2.3 | -0.2/1.7 | 0.3/1.4 | -0.4/4.9 | -1.0/5.3 | -0.6/5.7 | -0.8/6.1 | -0.7/6.5 | -0.7/6.9 | -0.8/7.3 | -0.7/-- |
| SYR | -0.56 | 0.3/0.0 | 0.4/0.6 | 0.0/0.5 | -0.1/0.8 | 0.2/1.3 | -0.1/0.5 | -0.4/1.0 | -0.8/1.8 | -1.0/2.1 | -1.1/2.5 | -0.6/2.8 | -0.9/3.2 | -1.5/3.5 | -1.5/3.9 | -1.3/-- |
| TLH | -0.57 | -0.2/0.0 | -0.2/-0.2 | -0.3/0.7 | 0.0/0.6 | 0.3/0.8 | 0.2/0.7 | 0.0/-0.4 | -0.3/-1.7 | -0.9/-1.3 | -1.2/-0.9 | -0.9/-0.4 | -0.9/0.0 | -1.1/0.5 | -1.5/0.9 | -1.6/-- |
| TPA | 1.30 | 0.3/0.0 | 0.8/1.3 | 1.3/1.1 | 1.6/1.0 | 1.9/1.1 | 2.3/1.5 | 2.1/1.0 | 1.8/-0.7 | 0.7/-0.5 | 0.9/-0.2 | 1.2/0.1 | 1.3/0.3 | 1.2/0.5 | 1.0/0.8 | 1.1/-- |
| TRM | -0.11 | 0.1/0.0 | 0.0/-2.5 | -0.3/-0.3 | -0.8/1.0 | -0.6/0.3 | -0.5/0.3 | -1.6/1.8 | -1.0/5.8 | -0.9/6.3 | -0.3/6.7 | -0.1/7.1 | 0.0/7.5 | 0.5/7.9 | 1.5/8.4 | 2.3/-- |
| TUL | -0.67 | -0.1/0.0 | -0.3/2.7 | -0.4/4.6 | -0.6/4.7 | -0.7/6.0 | 0.4/3.7 | 0.4/3.1 | -0.8/6.7 | -1.4/7.1 | -1.1/7.5 | -1.2/7.9 | -1.0/8.3 | -1.3/8.7 | -1.1/9.1 | -0.9/-- |
| TUS | 0.89 | 1.0/0.0 | 1.0/2.5 | 1.2/1.8 | 1.3/0.8 | 1.1/0.2 | 1.1/2.0 | 0.7/2.7 | 0.7/3.7 | 0.9/4.1 | 0.4/4.5 | 0.4/4.9 | 0.4/5.3 | 0.6/5.7 | 0.9/6.0 | 1.6/-- |
| TYR | 0.35 | -0.1/0.0 | -0.1/1.8 | -0.1/4.3 | 0.3/5.1 | 0.2/6.4 | 0.7/4.2 | 1.2/4.5 | 0.4/4.2 | 0.3/4.5 | 0.1/4.9 | 0.3/5.2 | 0.5/5.6 | 0.6/5.9 | 0.6/6.3 | 0.6/-- |
| TYS | 0.93 | 0.2/0.0 | 0.1/0.1 | 0.3/0.5 | 1.1/2.7 | 0.9/2.7 | 1.2/2.6 | 2.5/1.3 | 2.5/2.4 | 1.6/2.8 | 0.4/3.3 | 0.9/3.7 | 0.7/4.2 | 0.7/4.6 | 0.4/5.1 | 0.4/-- |
| VCT | -0.24 | 0.1/0.0 | 0.3/2.0 | 0.5/3.0 | 1.0/3.2 | 0.9/4.1 | 1.2/2.7 | 1.5/1.9 | 0.2/0.9 | -0.7/1.2 | -1.3/1.5 | -1.6/1.8 | -1.4/2.1 | -1.6/2.5 | -1.5/2.7 | -1.4/-- |
| WJF | 1.47 | 0.6/0.0 | 1.1/0.8 | 0.9/0.4 | 0.6/0.9 | 0.7/0.2 | 0.4/1.0 | 0.5/2.6 | 0.6/4.6 | 1.0/5.0 | 1.5/5.4 | 1.5/5.7 | 1.9/6.1 | 2.6/6.5 | 3.8/6.8 | 4.2/-- |
| YKM | -0.88 | -0.9/0.0 | -1.1/-0.7 | -1.1/-2.1 | -1.1/-1.3 | -1.1/-2.5 | -1.2/-1.4 | -1.5/-0.7 | -1.7/0.2 | -1.6/0.5 | -1.2/0.8 | -1.0/1.1 | -0.7/1.5 | -0.1/1.7 | 0.2/2.1 | 1.1/-- |
| YNG | -0.60 | 0.4/0.0 | 0.4/1.0 | 0.2/1.1 | 0.4/1.0 | 0.2/1.5 | 0.2/1.7 | 0.0/0.3 | -0.2/2.2 | -1.0/2.5 | -1.8/2.9 | -1.1/3.2 | -1.4/3.5 | -1.8/3.9 | -1.9/4.2 | -1.7/-- |
| YQB | 0.33 | -0.0/0.0 | -0.1/0.0 | 0.1/0.0 | 0.2/0.0 | 0.4/0.0 | 1.0/0.0 | 1.5/0.0 | 1.0/2.9 | 0.8/3.2 | 0.3/3.5 | 0.3/3.8 | -0.1/4.1 | -0.2/4.5 | -0.3/4.8 | 0.1/-- |
| YUL | 0.87 | -0.0/0.0 | 0.0/0.0 | 0.1/0.0 | 0.0/0.0 | 0.7/0.0 | 1.1/0.0 | 1.3/0.0 | 1.1/2.9 | 1.5/3.3 | 1.5/3.6 | 1.5/3.9 | 1.4/4.3 | 0.8/4.6 | 0.7/5.0 | 1.3/-- |
| YVR | 0.48 | -0.0/0.0 | 0.0/0.0 | -0.1/0.0 | -0.3/0.0 | -0.1/0.0 | 0.0/0.0 | 0.2/0.0 | 0.2/1.7 | 0.4/1.9 | 1.3/2.1 | 0.7/2.4 | 0.9/2.6 | 1.2/2.8 | 1.2/3.0 | 1.7/-- |
| YXD | -2.59 | -2.0/0.0 | -2.6/0.0 | -2.9/0.0 | -3.5/0.0 | -3.7/0.0 | -3.0/0.0 | -3.6/0.0 | -3.5/5.0 | -3.5/5.4 | -3.1/5.7 | -2.5/6.1 | -1.6/6.4 | -1.6/6.8 | -1.4/7.1 | -0.3/-- |
| YYC | 1.06 | -1.0/0.0 | -0.9/0.0 | -1.6/0.0 | -1.3/0.0 | -1.3/0.0 | -0.8/0.0 | -0.4/0.0 | 0.7/5.2 | 1.2/5.5 | 1.5/5.8 | 2.7/6.2 | 3.7/6.5 | 4.1/6.8 | 4.4/7.1 | 4.9/-- |
| YYZ | -0.66 | -0.4/0.0 | -0.4/0.0 | -0.5/0.0 | -0.7/0.0 | -0.7/0.0 | -0.9/0.0 | -1.2/0.0 | -1.4/0.8 | -1.3/1.2 | -0.6/1.5 | -0.1/1.8 | -0.3/2.1 | -0.5/2.5 | -0.5/2.8 | -0.2/-- |

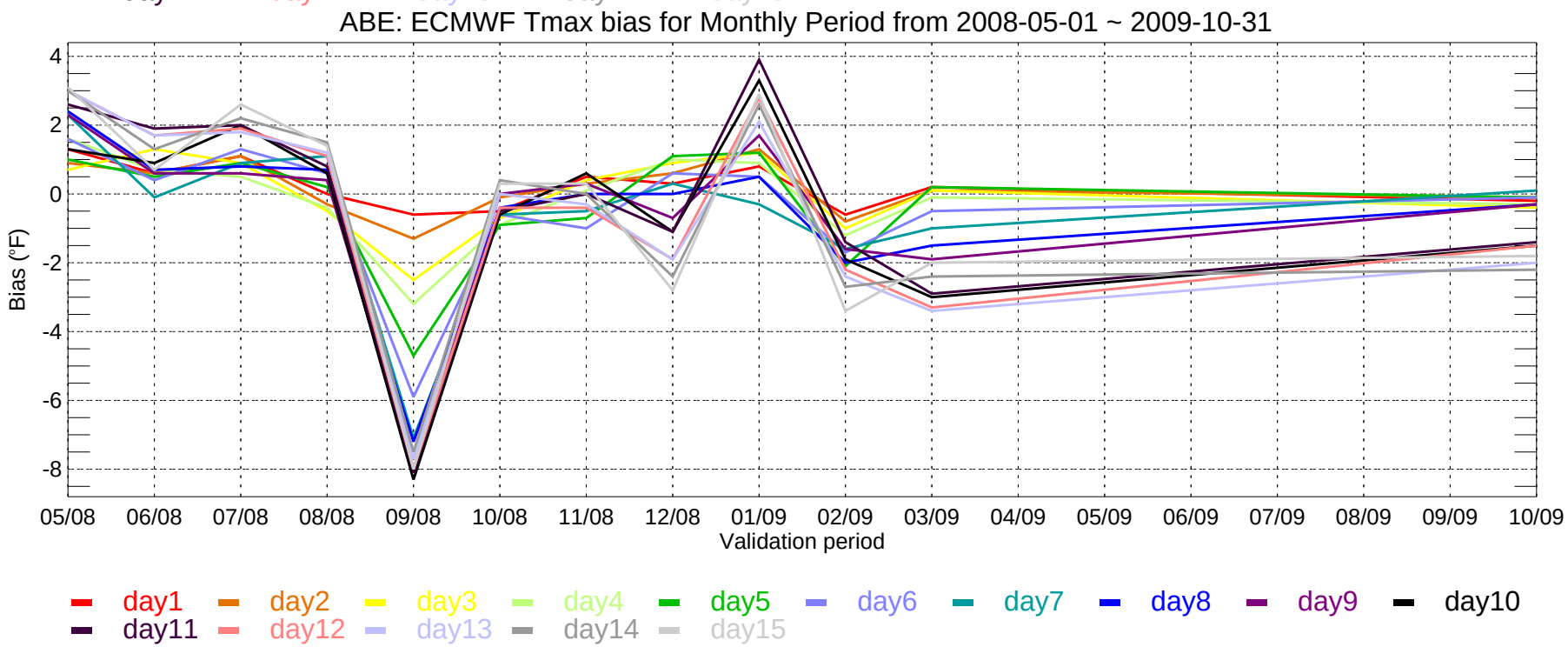
red: S < -0.3 orange: -0.3 < S < -0.1 grey: -0.1 < S < 0.1 green: 0.1 < S < 0.3 blue: S > 0.3

S_score: average of (1 - 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


ABE: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


ABE: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
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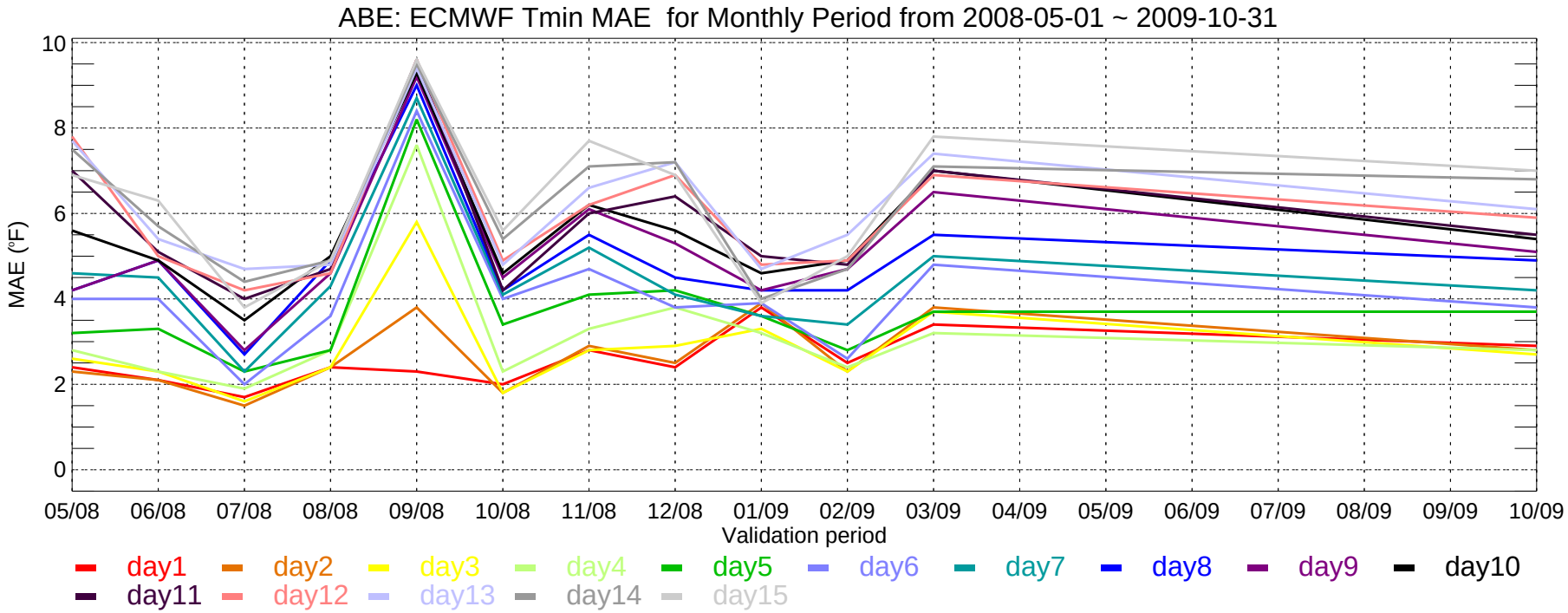
day12
day13
day14
day15


ABE: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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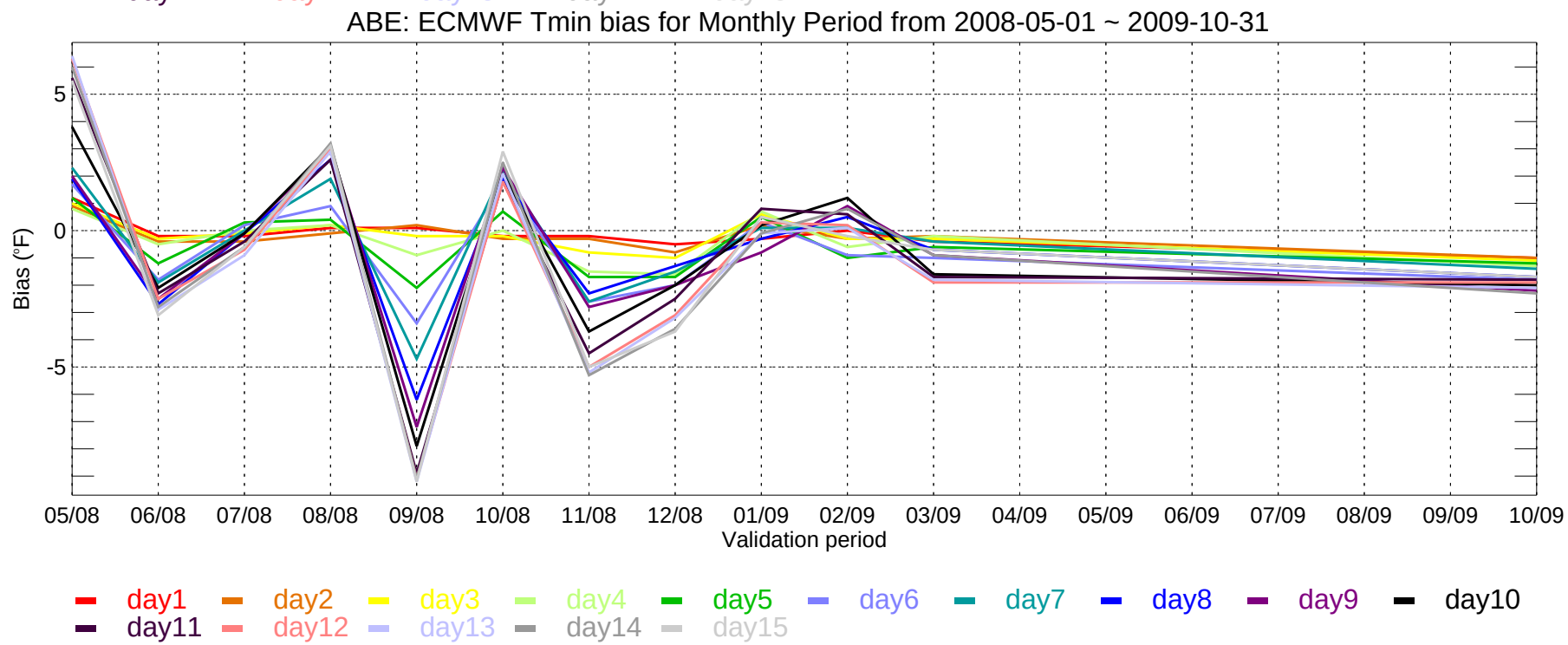
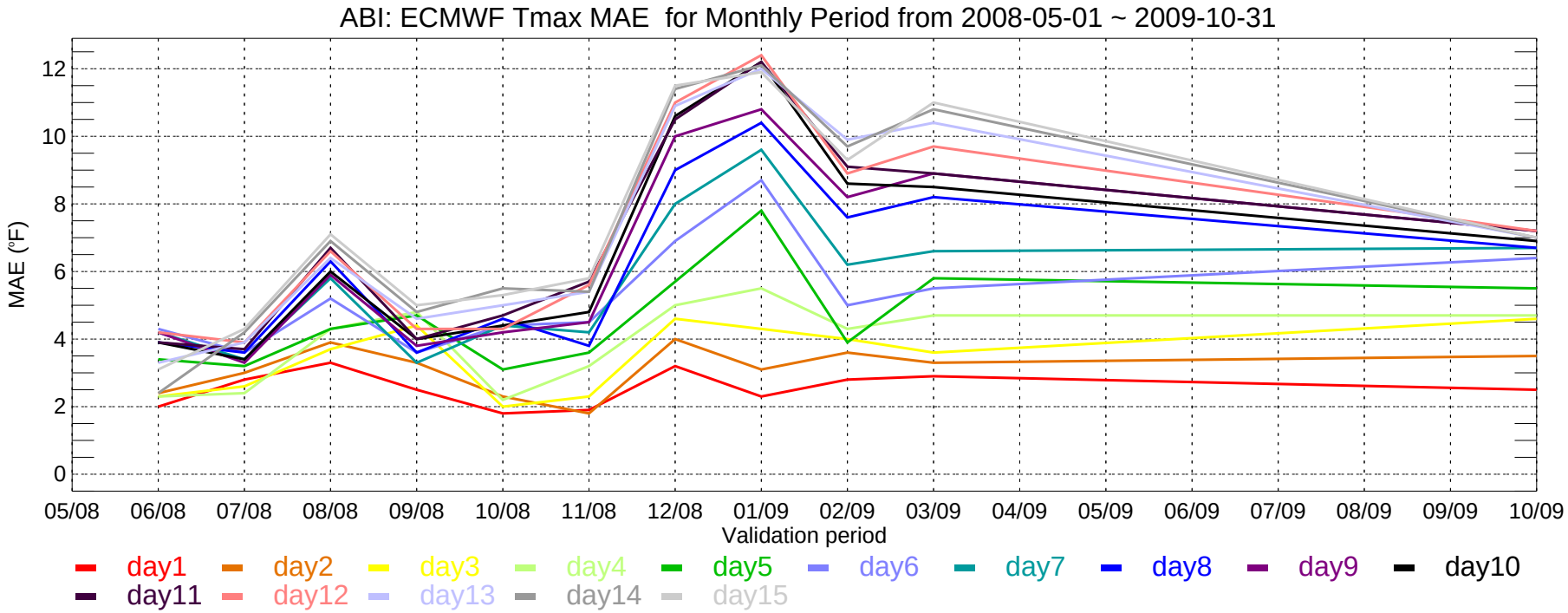
day10
day11
day12
day13
day14
day15


ABE: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


ABI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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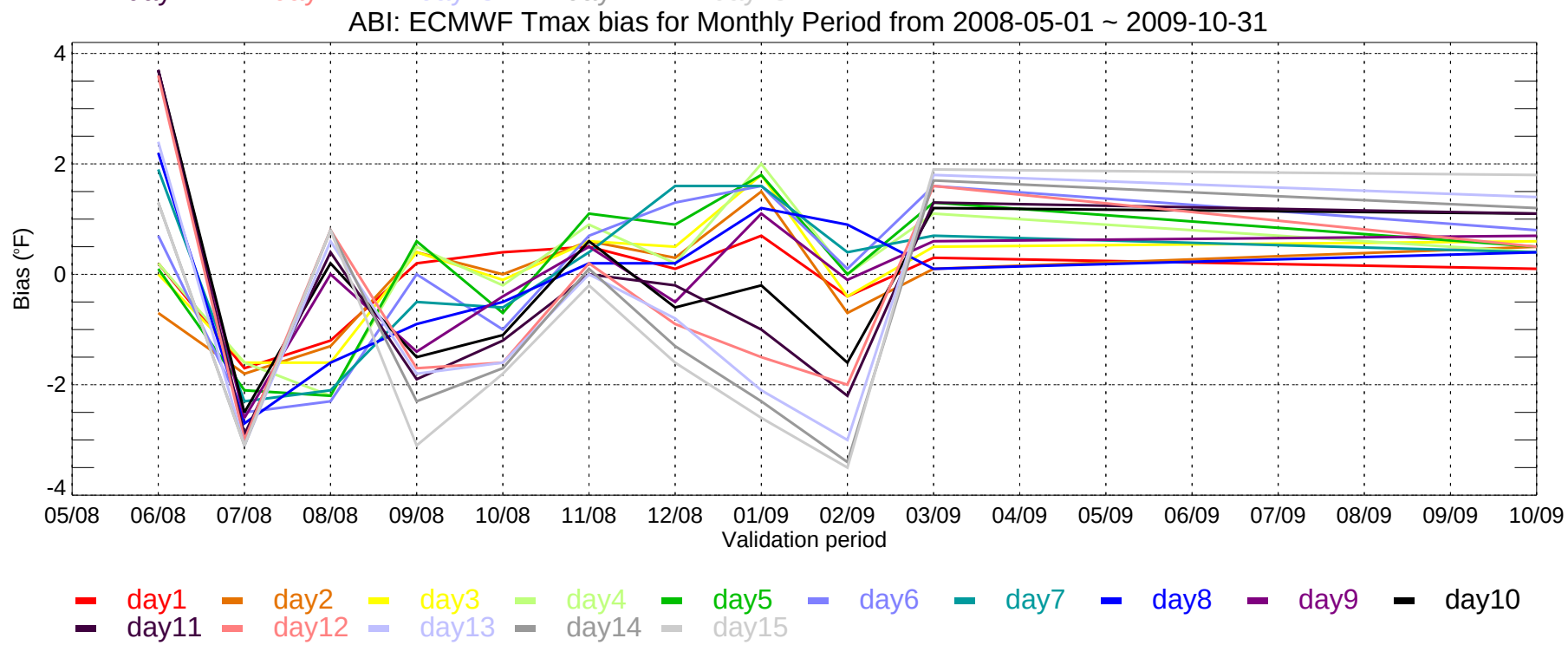
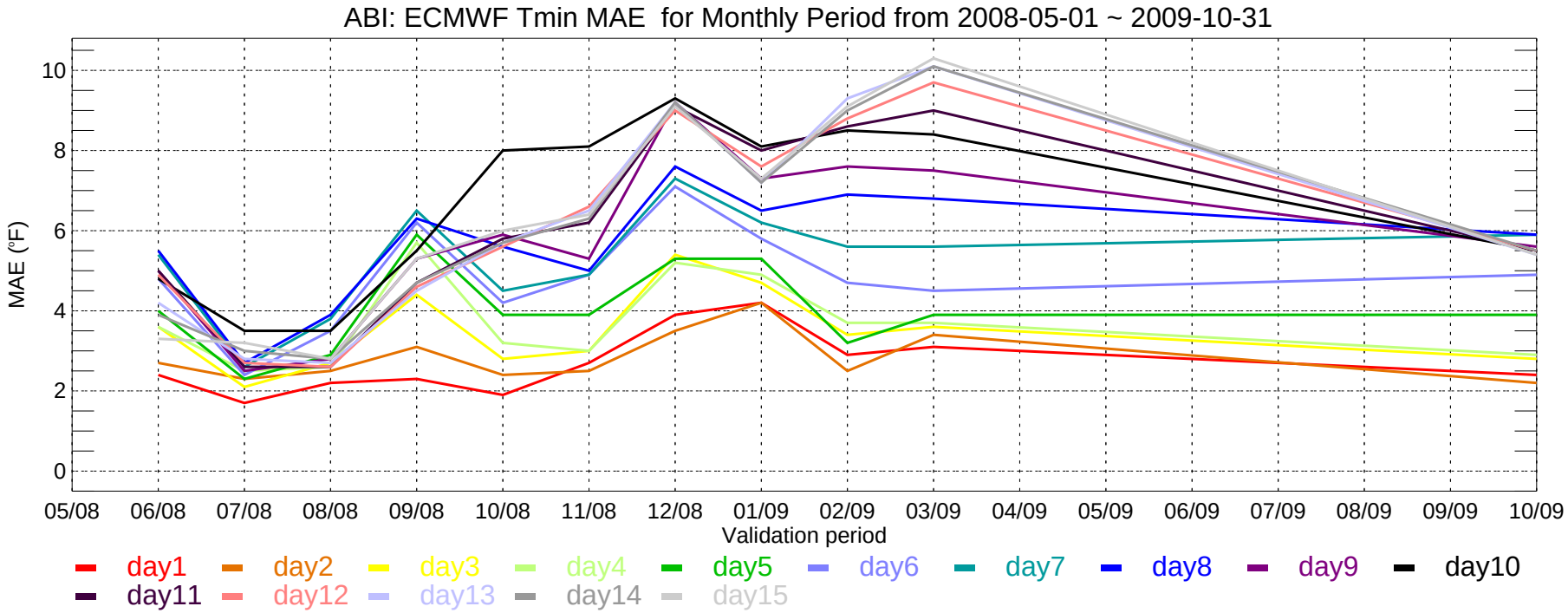
day10
day11
day12
day13
day14
day15


ABI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


ABI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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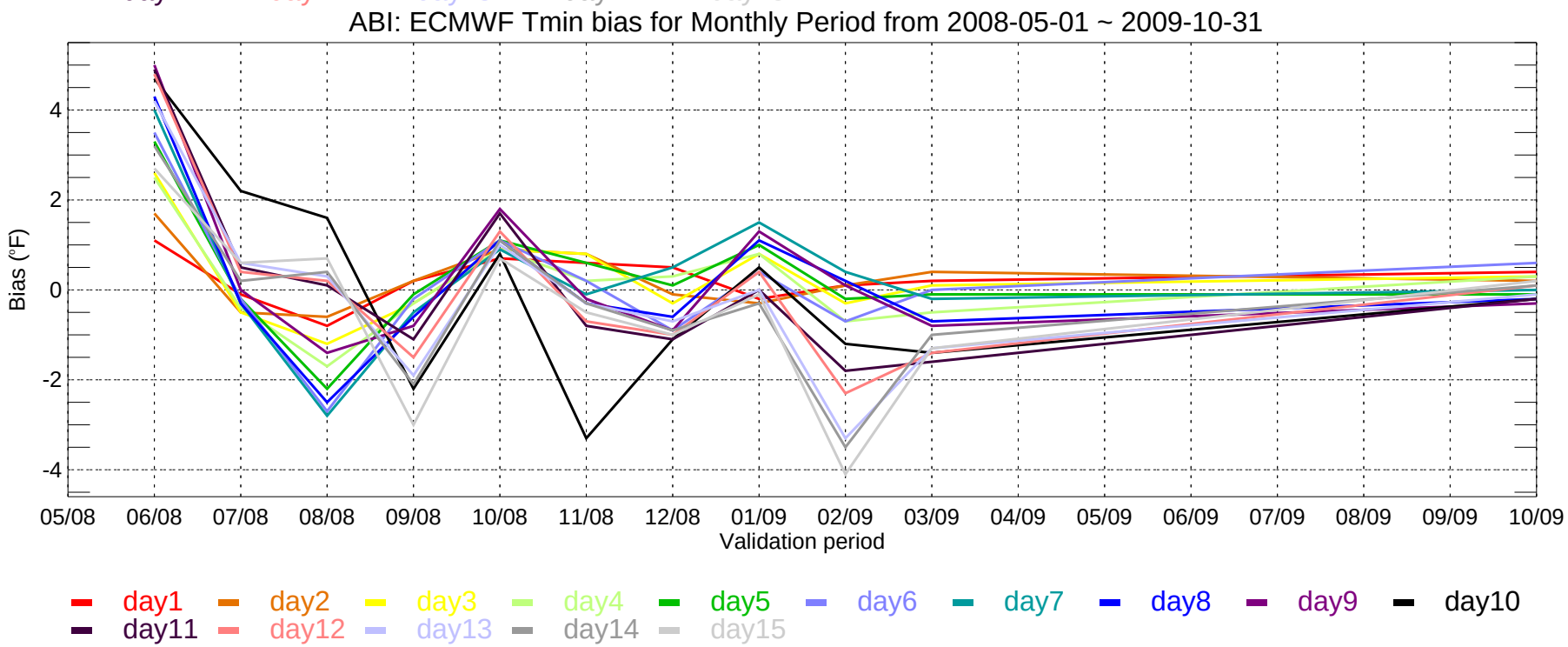
day10
day11
day12
day13
day14
day15


ABI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day7
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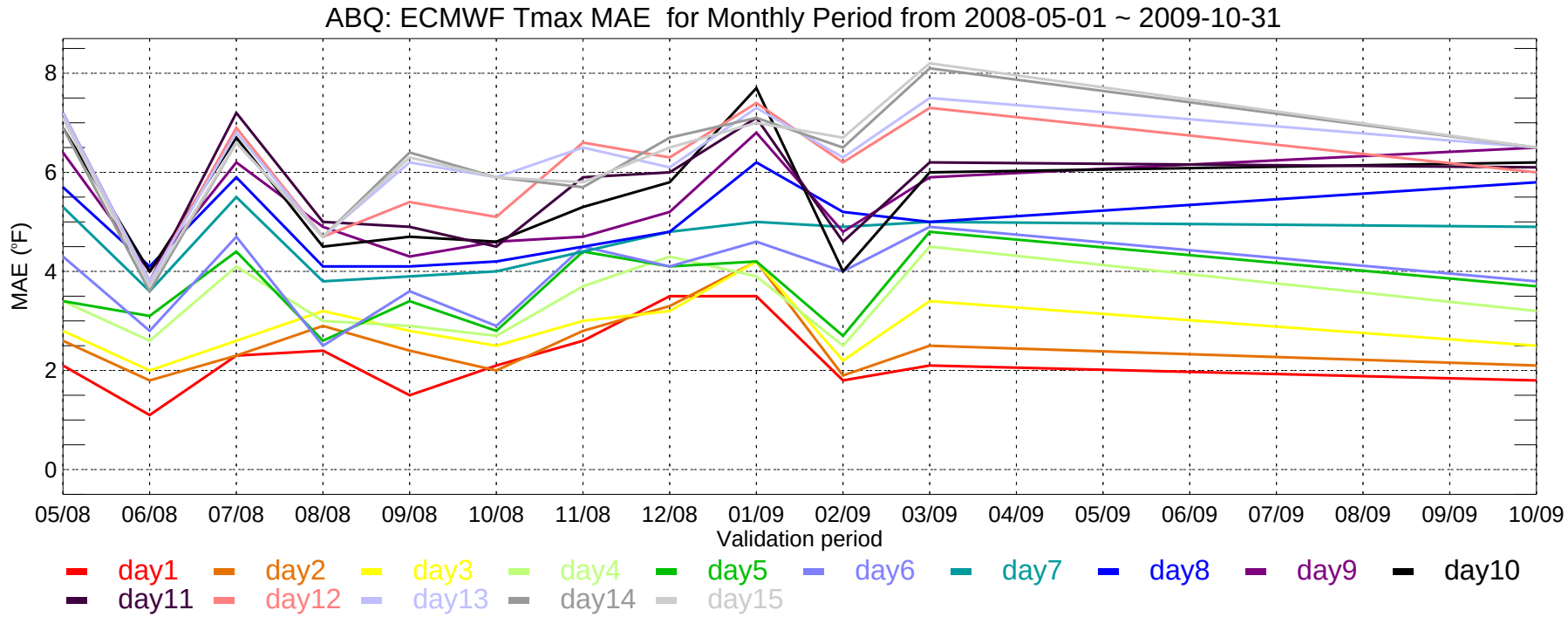
day13
day14
day15


ABQ: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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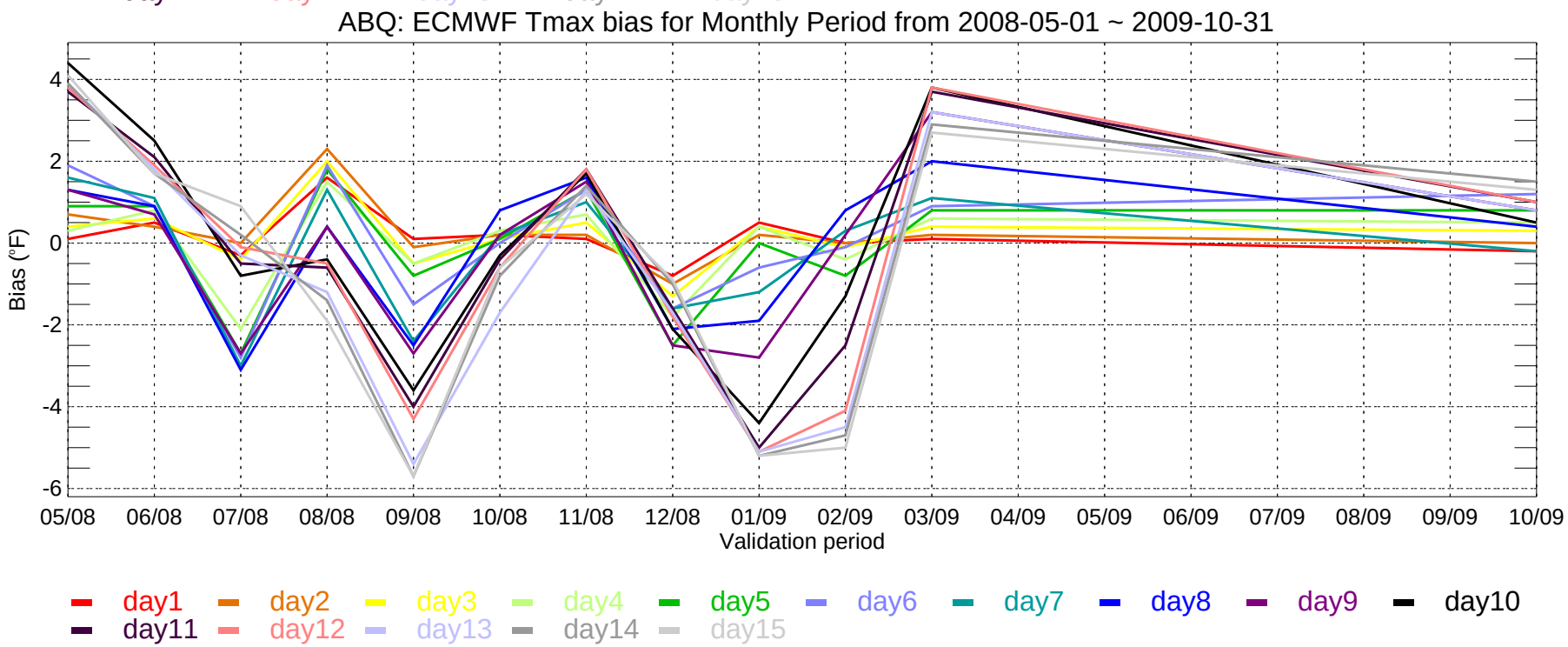
day10
day11
day12
day13
day14
day15


ABQ: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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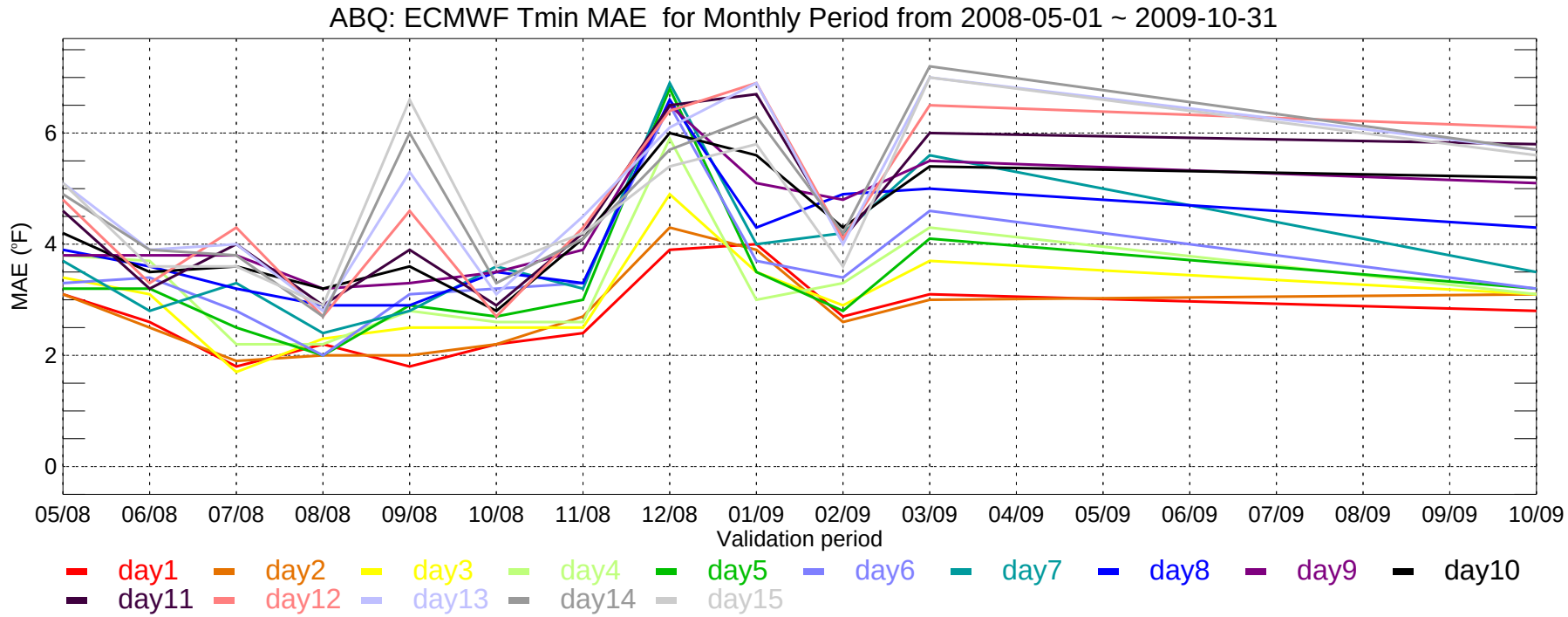
day14
day15


ABQ: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day3
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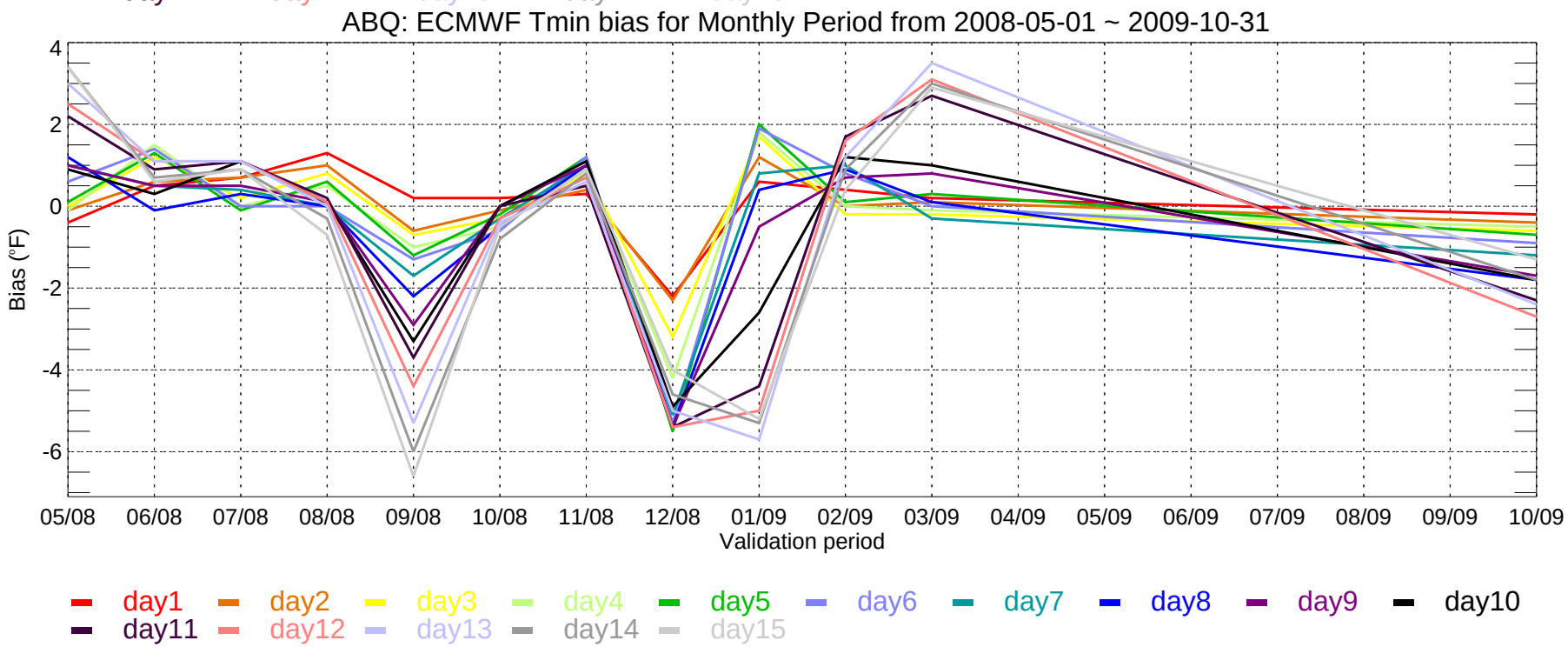
day14
day15


ABQ: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
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08/09
09/09
10/09
Validation period
day1
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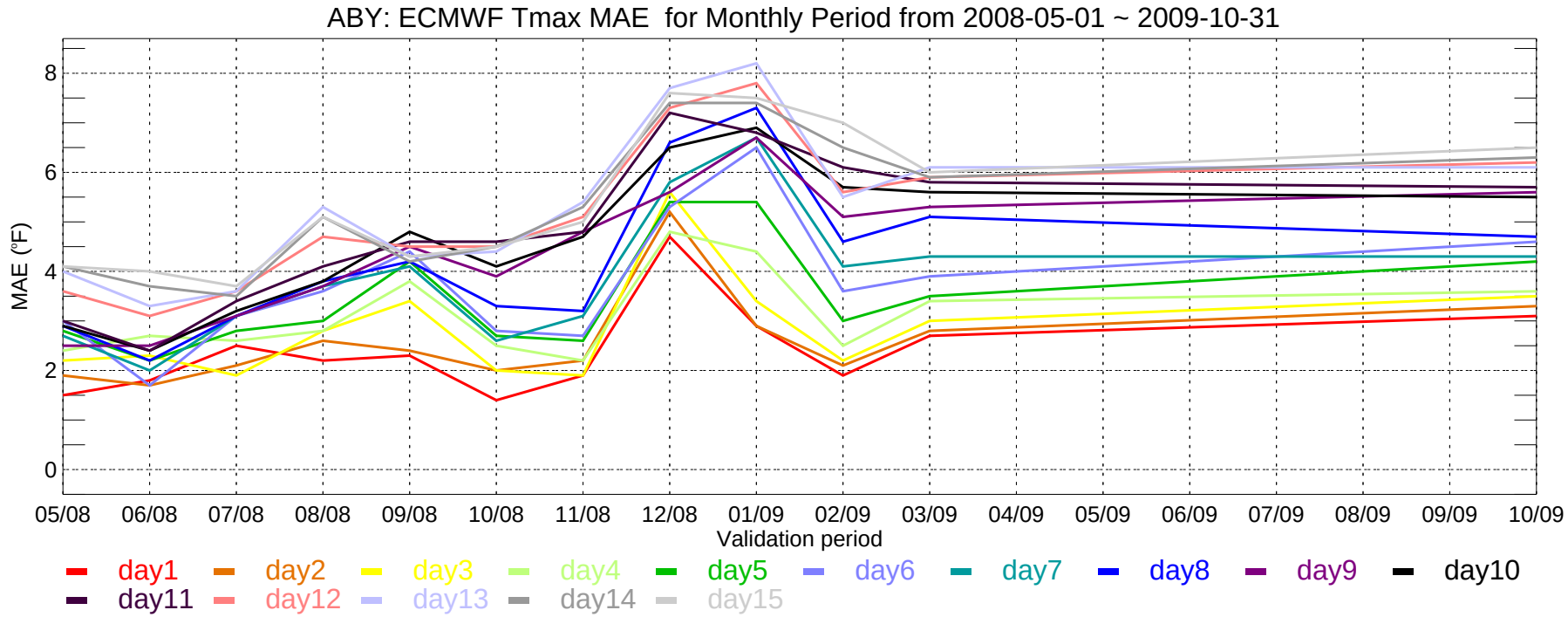
day14
day15


ABY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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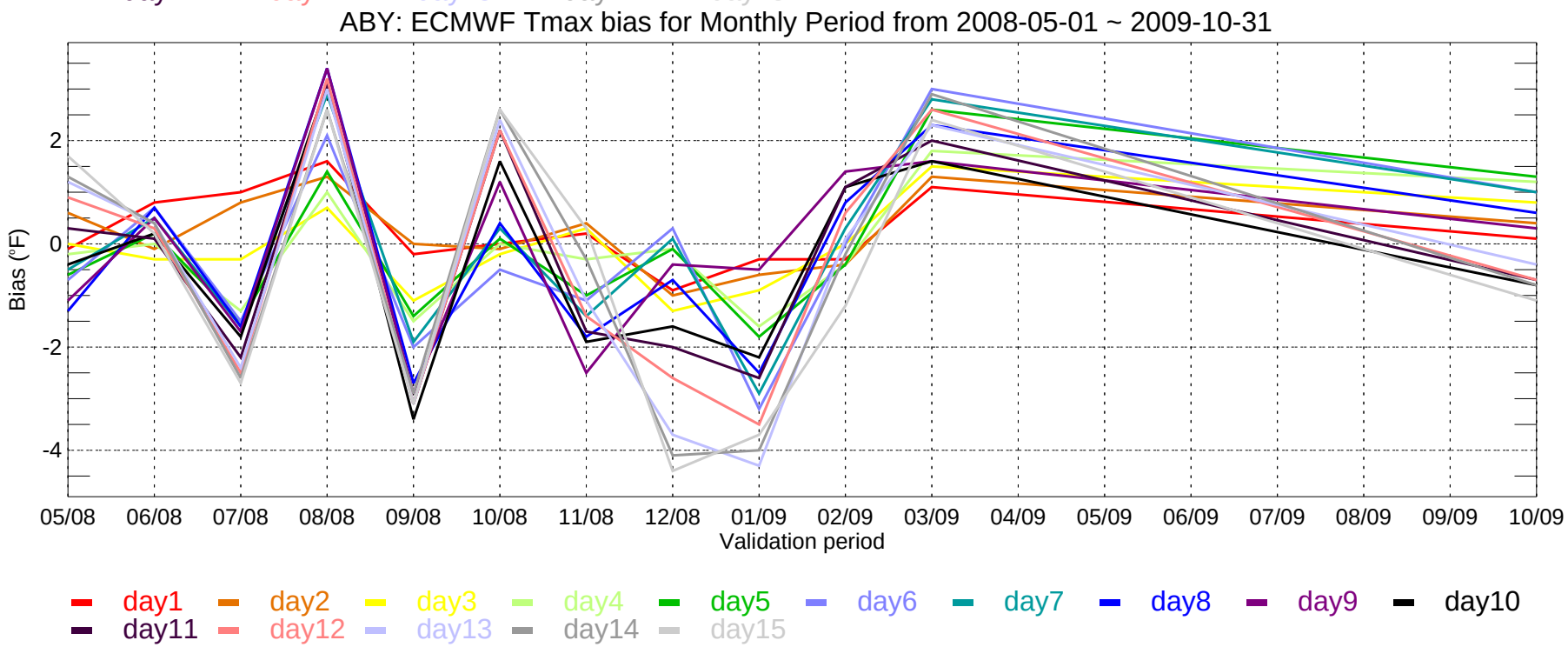
day15


ABY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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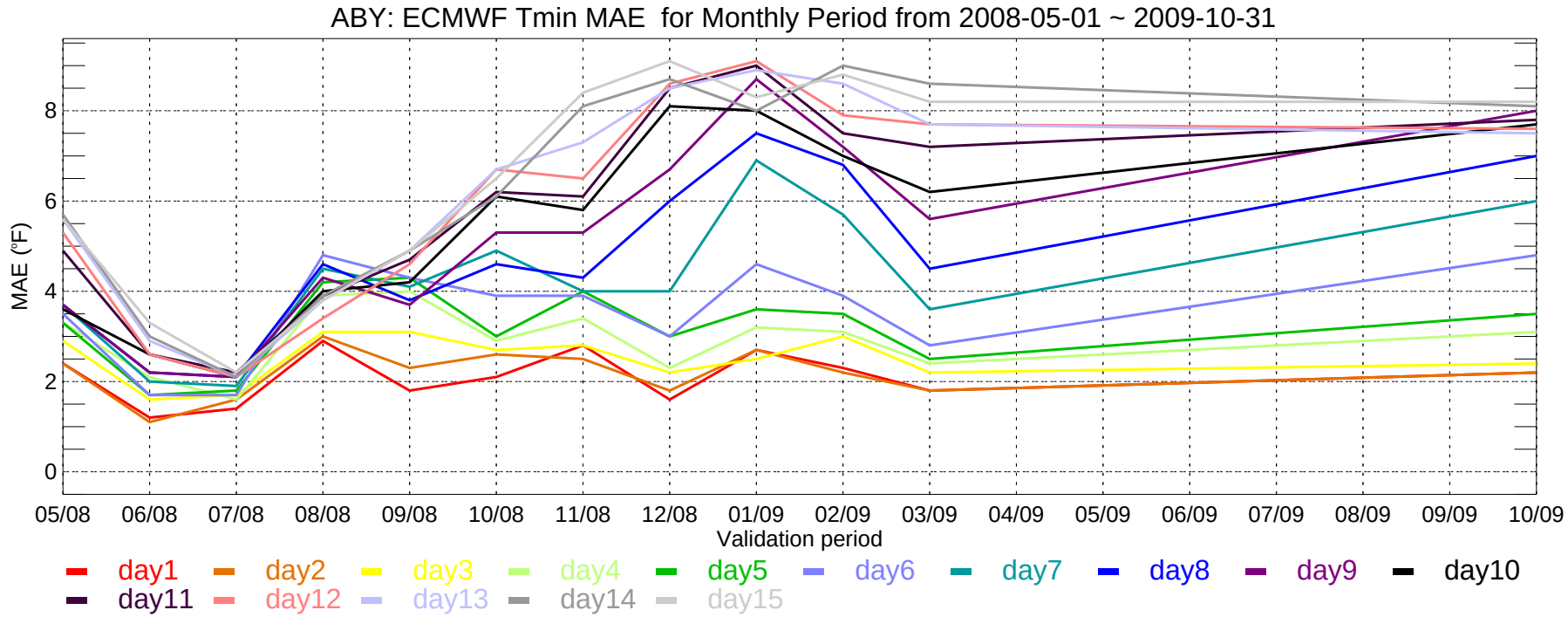
day13
day14
day15


ABY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
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10/09
Validation period
day1
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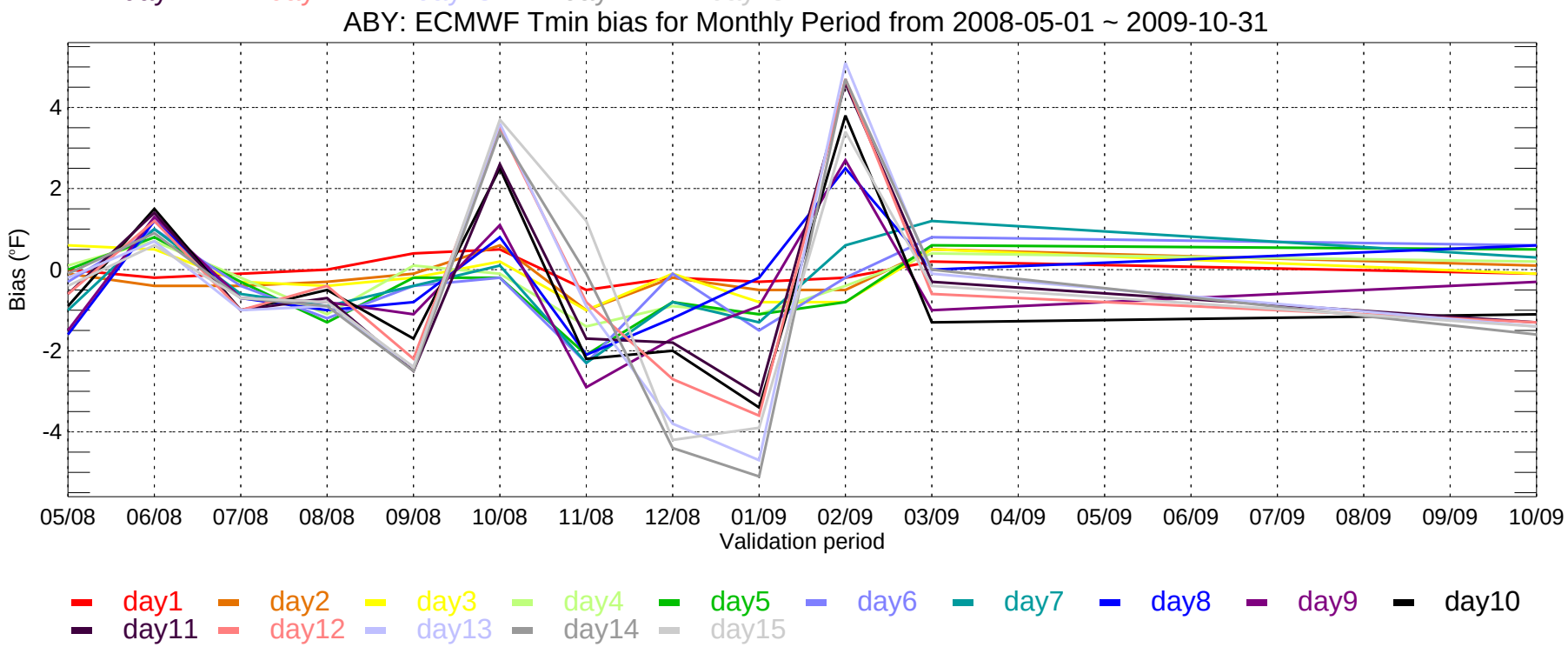
day14
day15


ABY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
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day8
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day11
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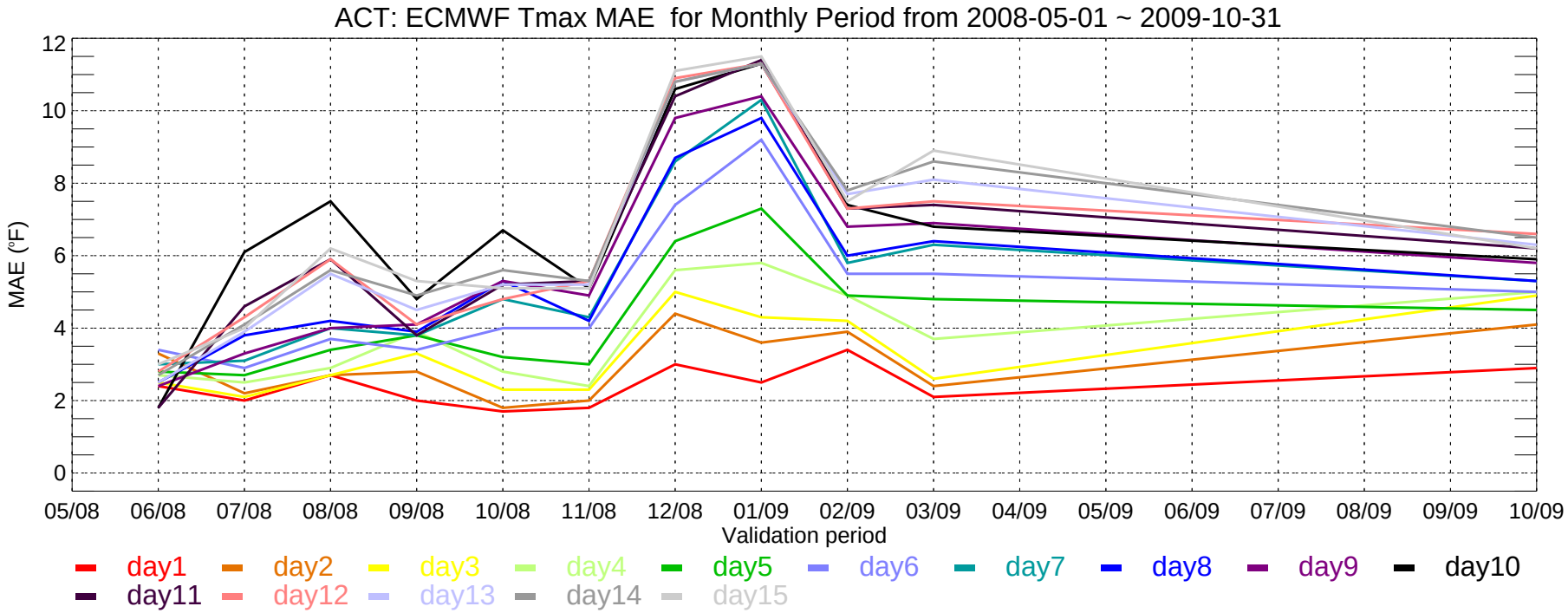
day13
day14
day15


ACT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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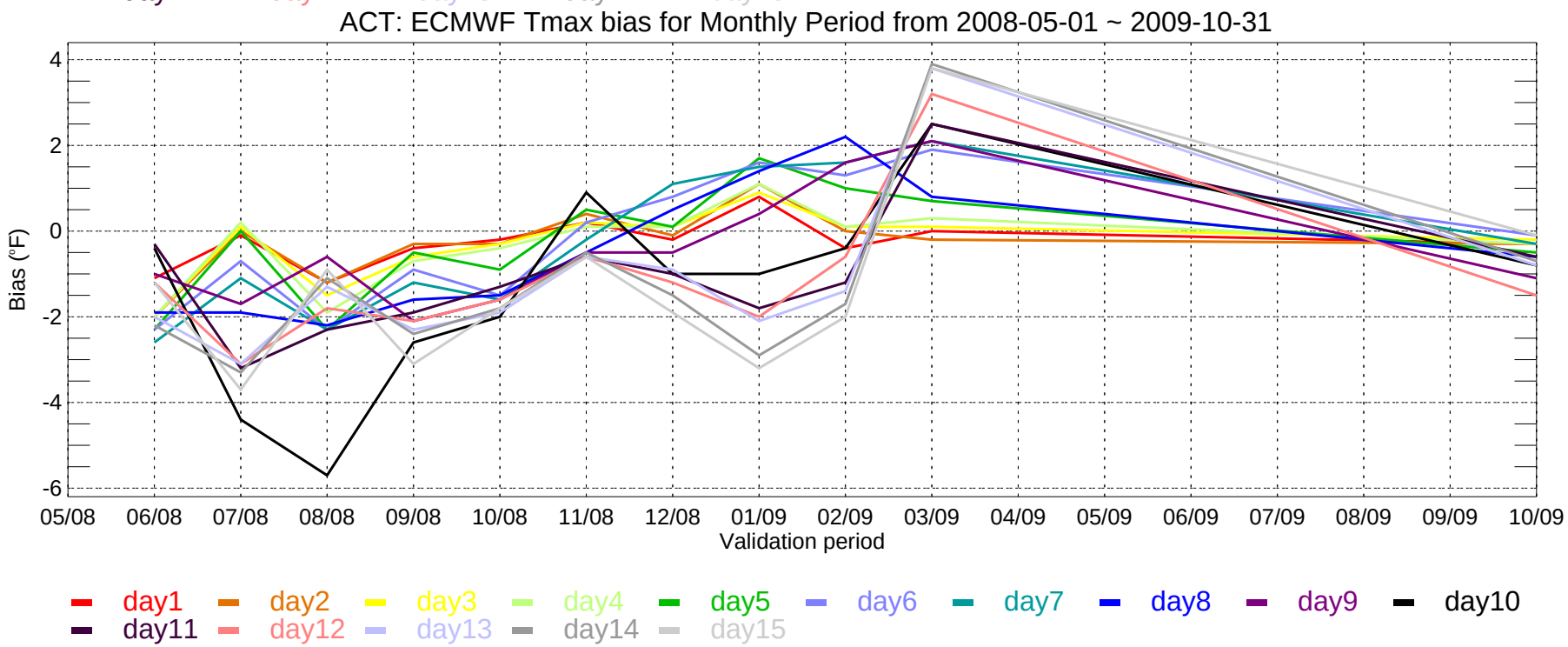
day13
day14
day15


ACT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
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day8
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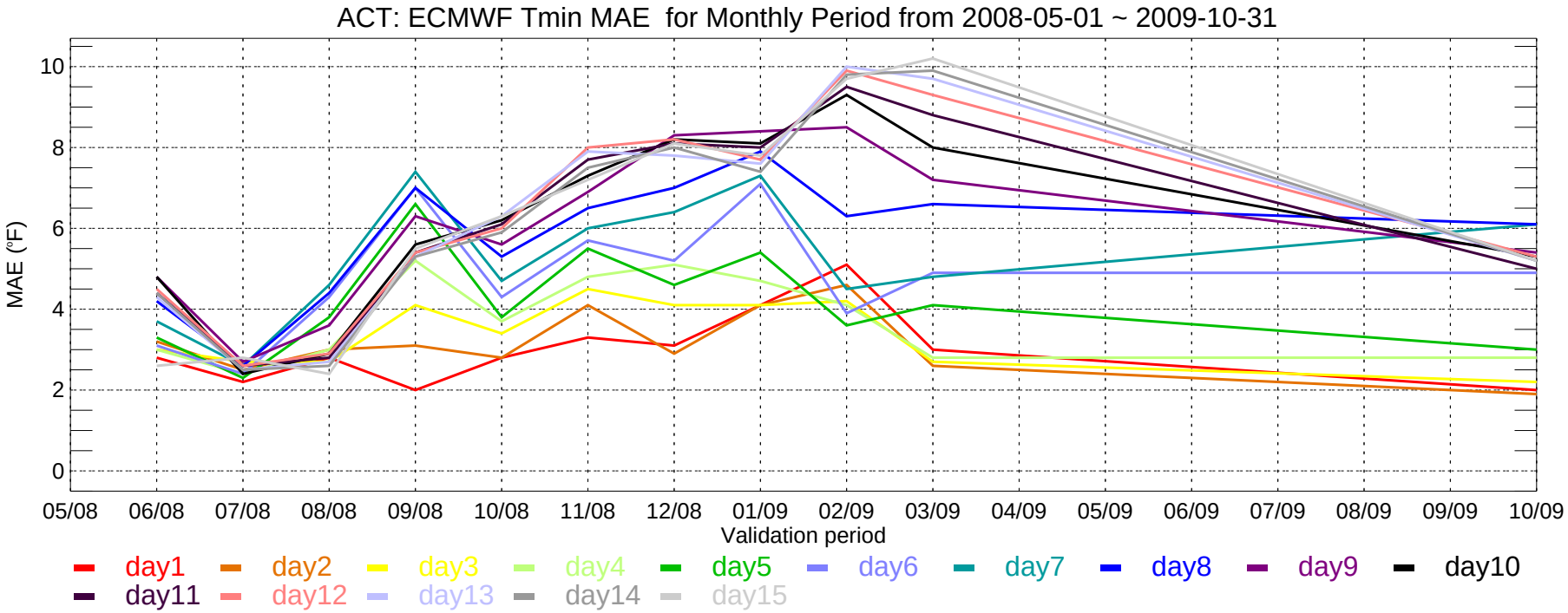
day12
day13
day14
day15


ACT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
day11
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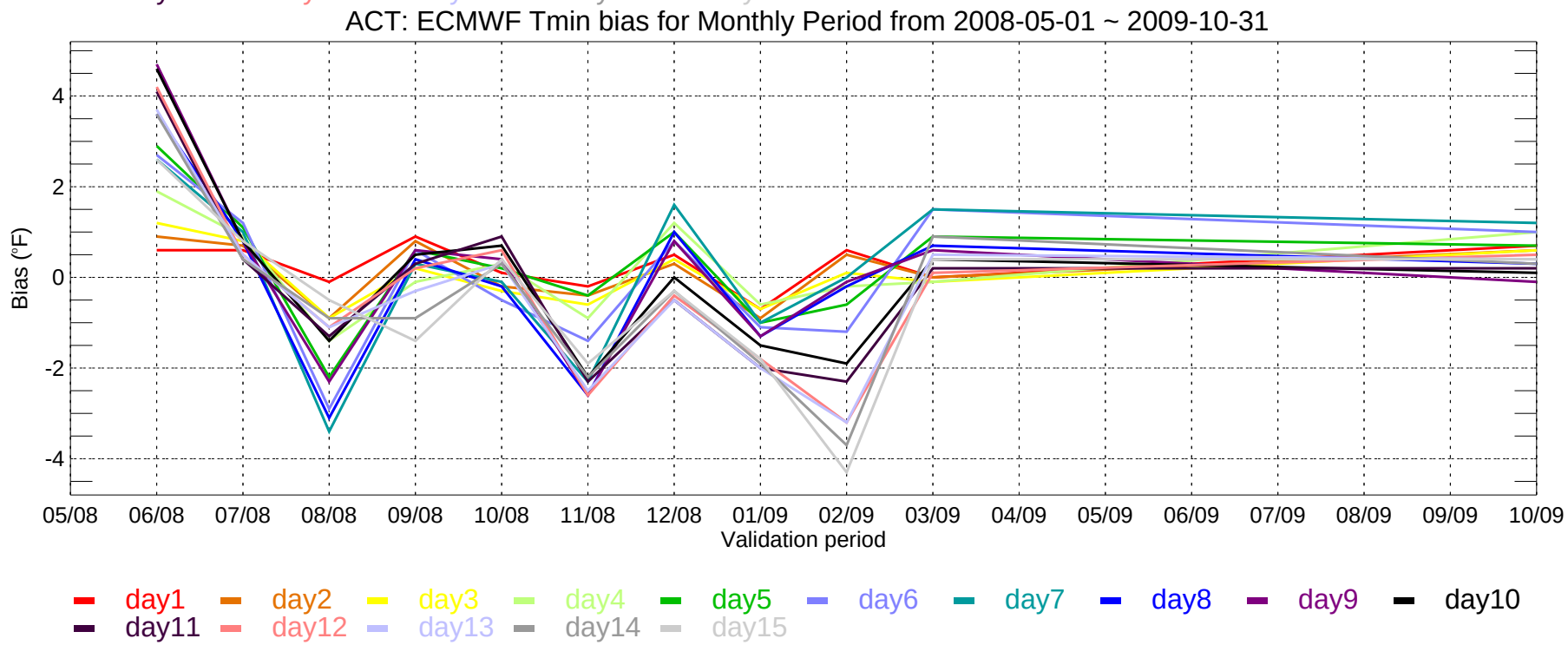
day13
day14
day15


ACT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day7
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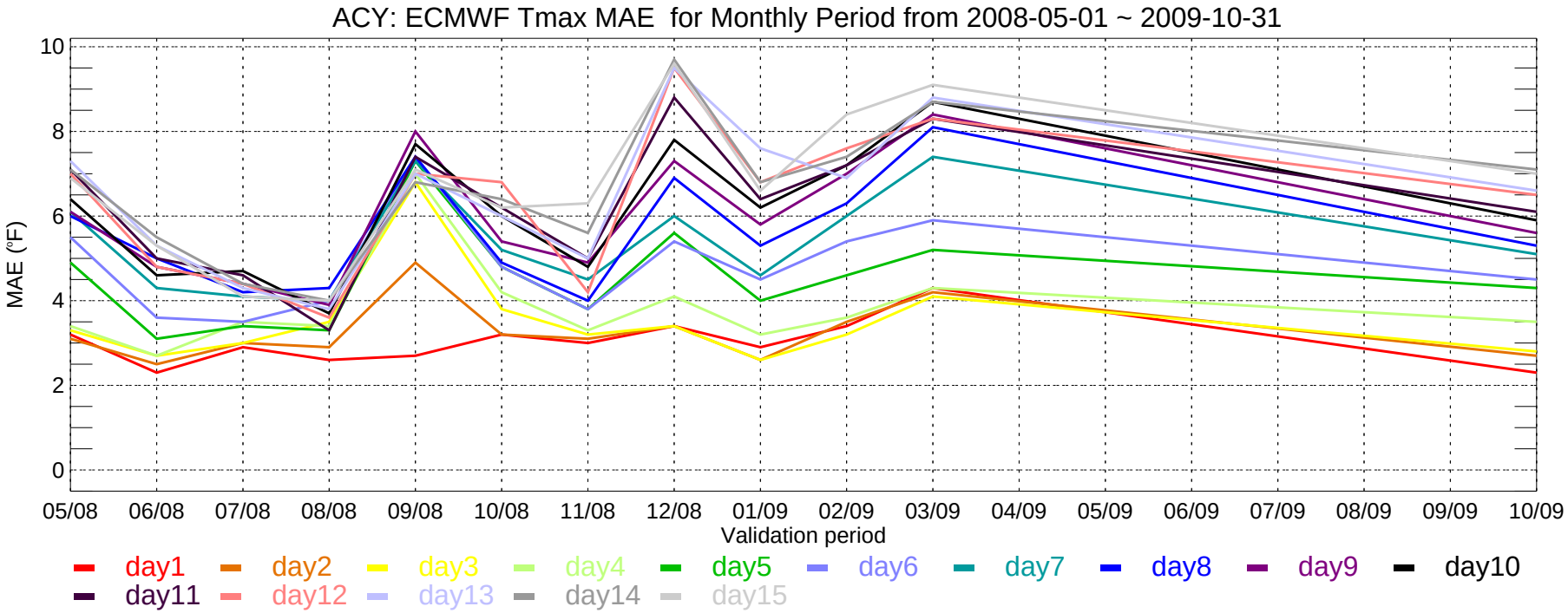
day14
day15


ACY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
day8
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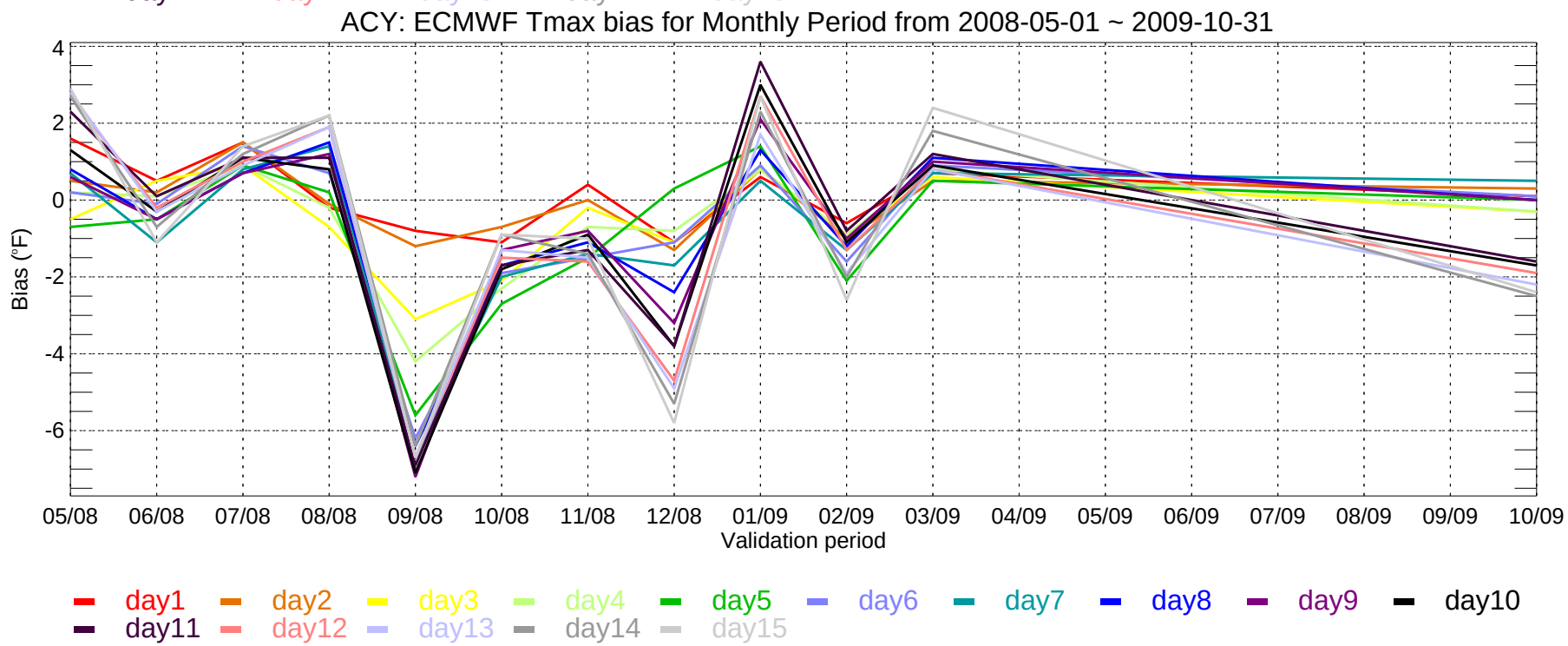
day13
day14
day15


ACY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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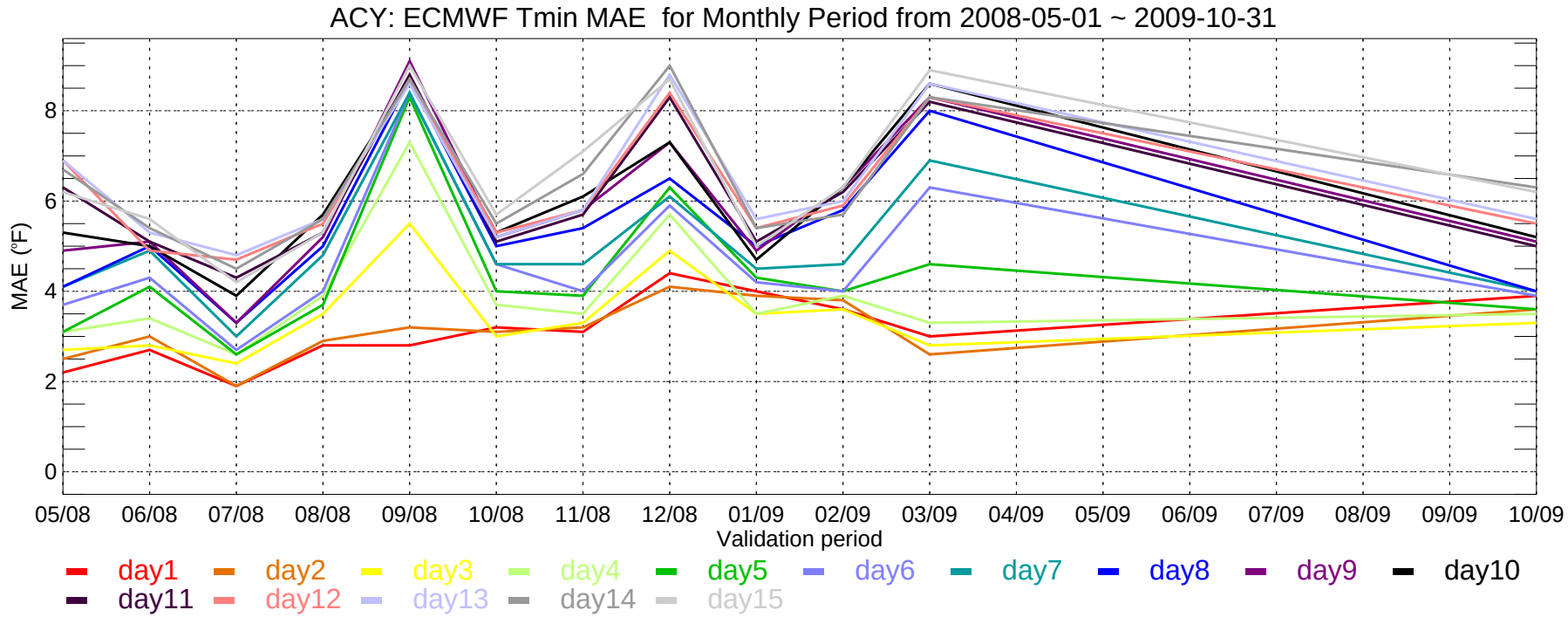
day14
day15


ACY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
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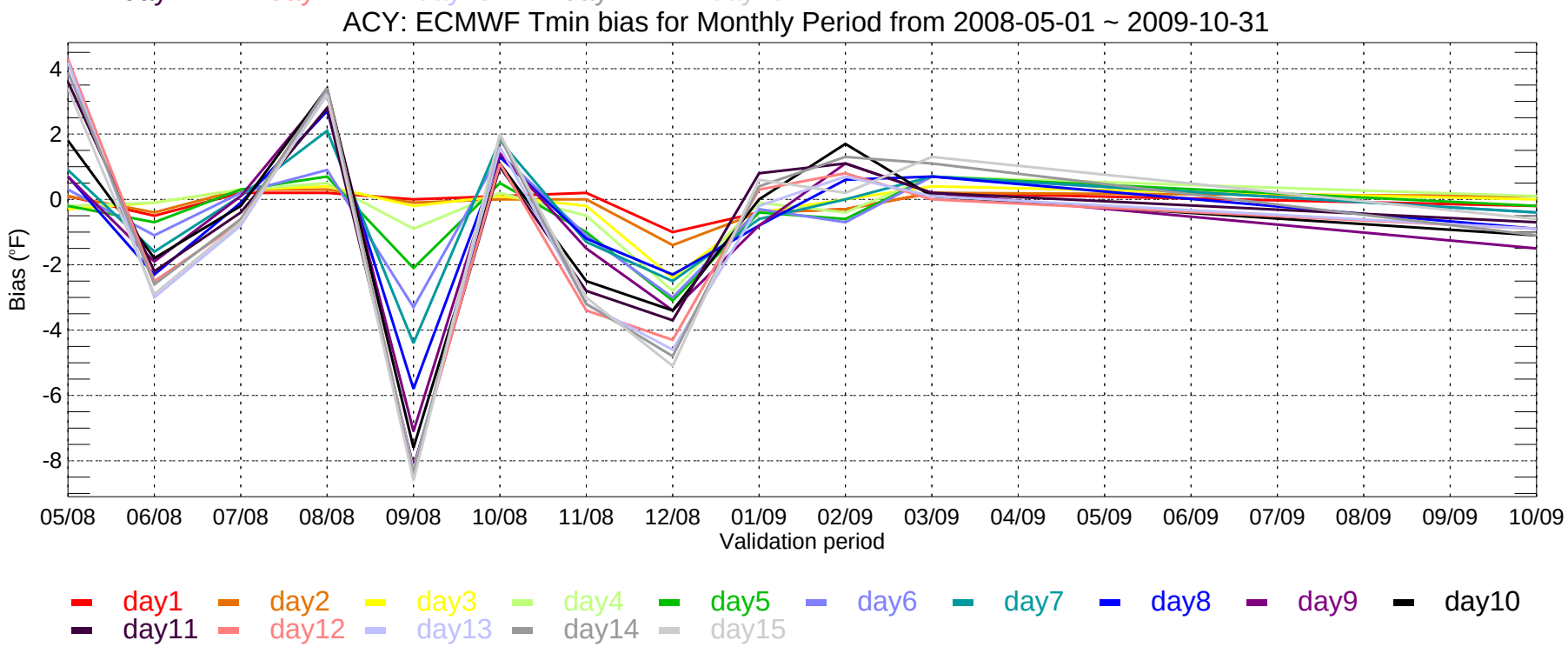
day14
day15


ACY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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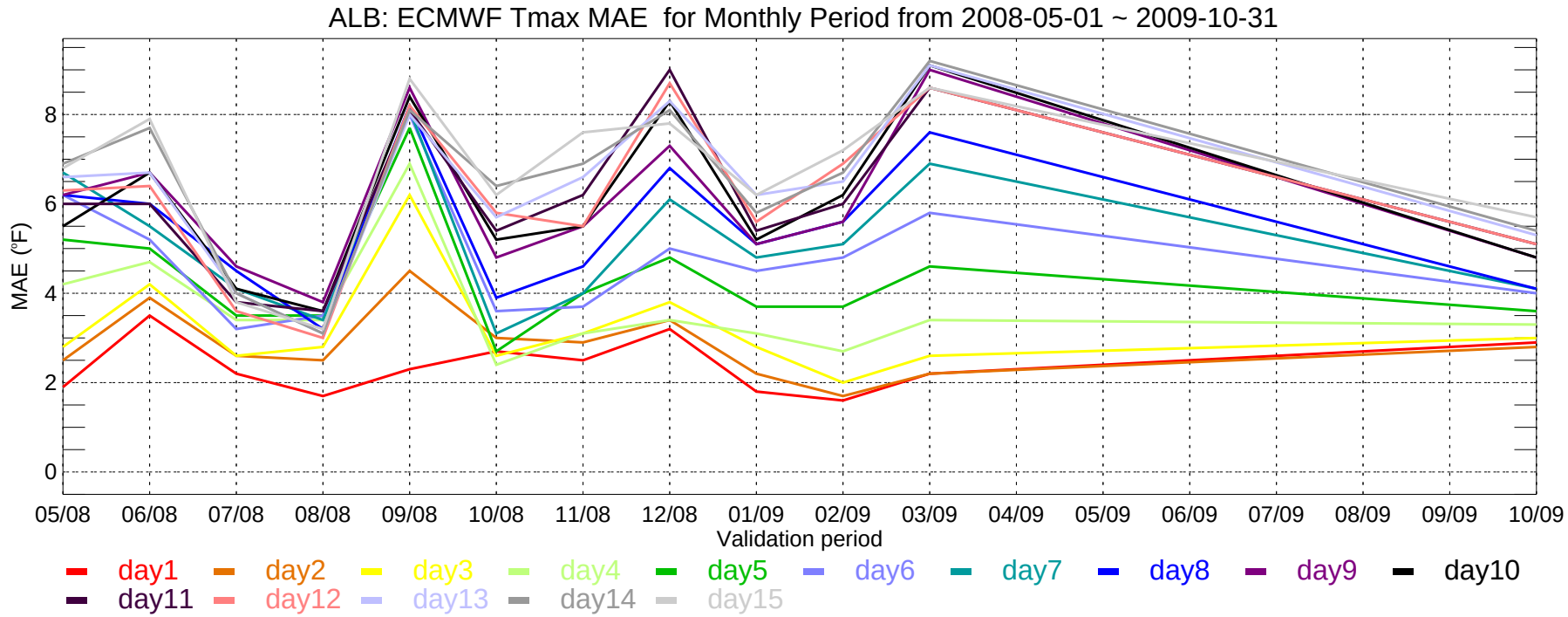
day14
day15


ALB: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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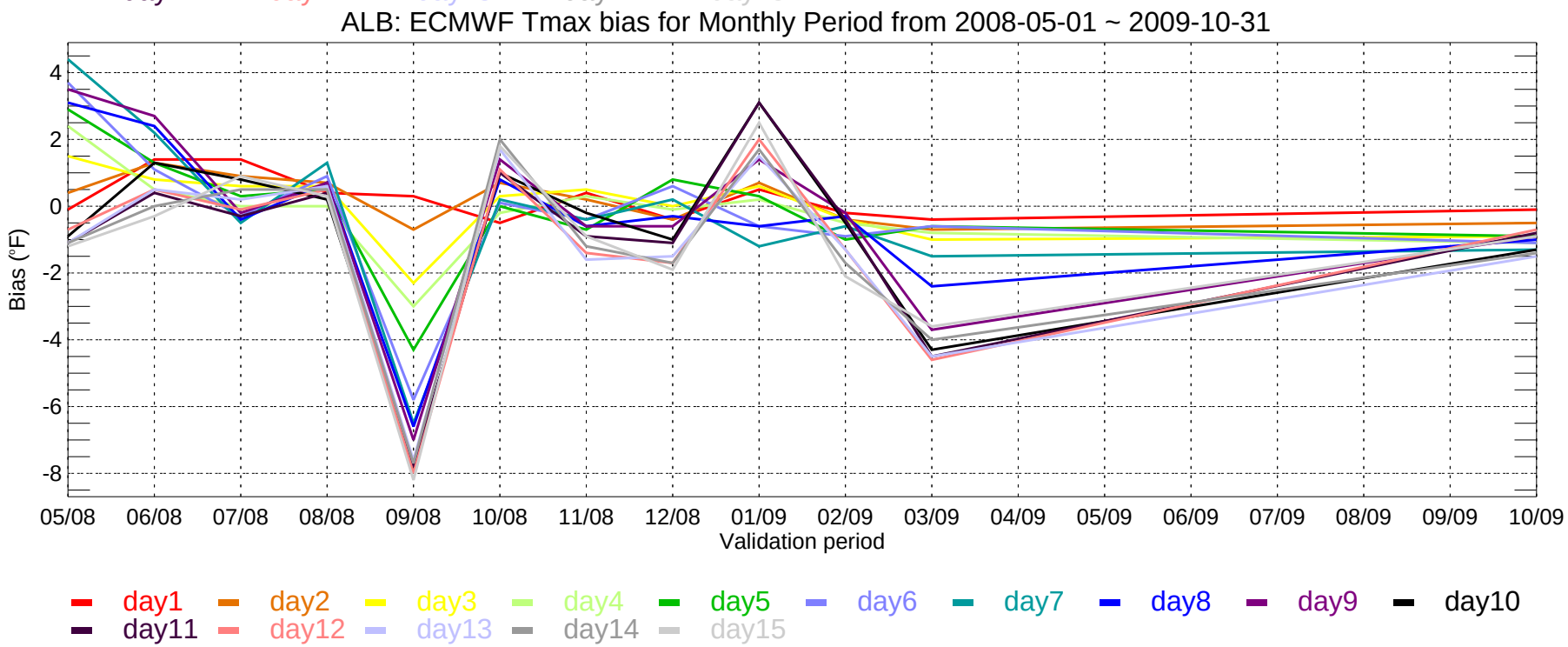
day11
day12
day13
day14
day15


ALB: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day7
day8
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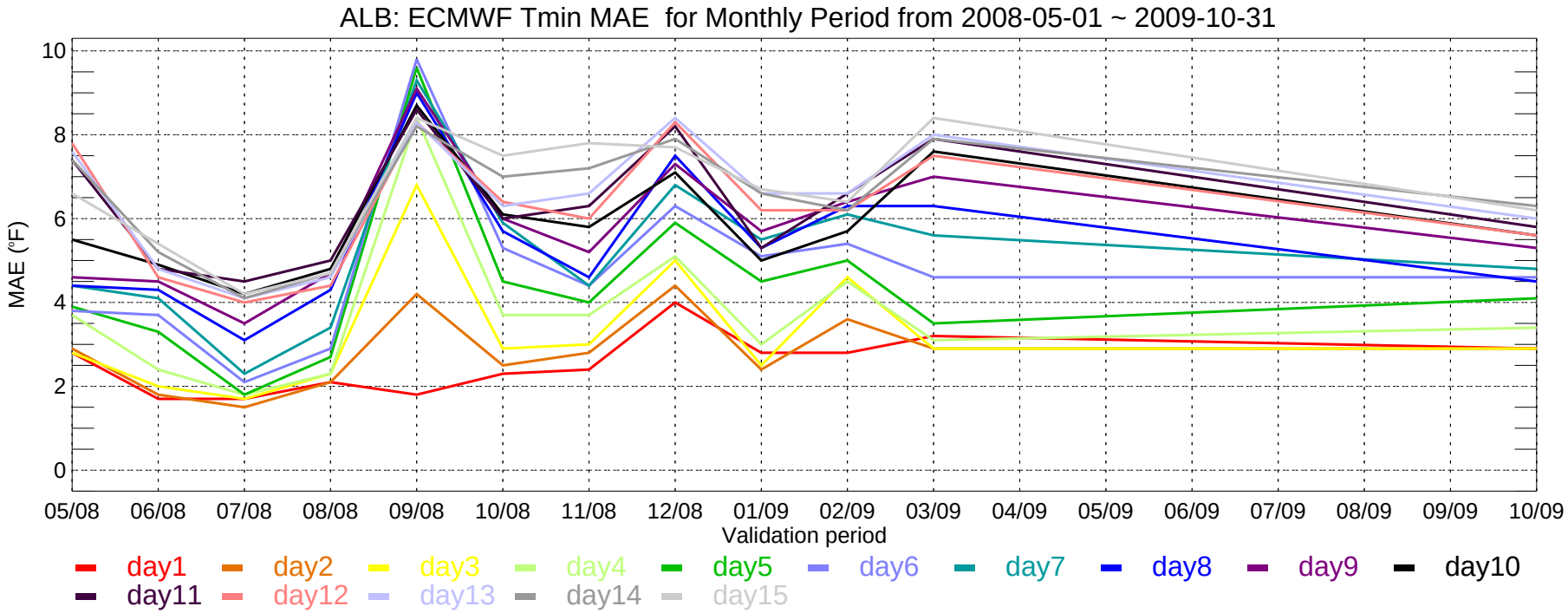
day12
day13
day14
day15


ALB: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
day8
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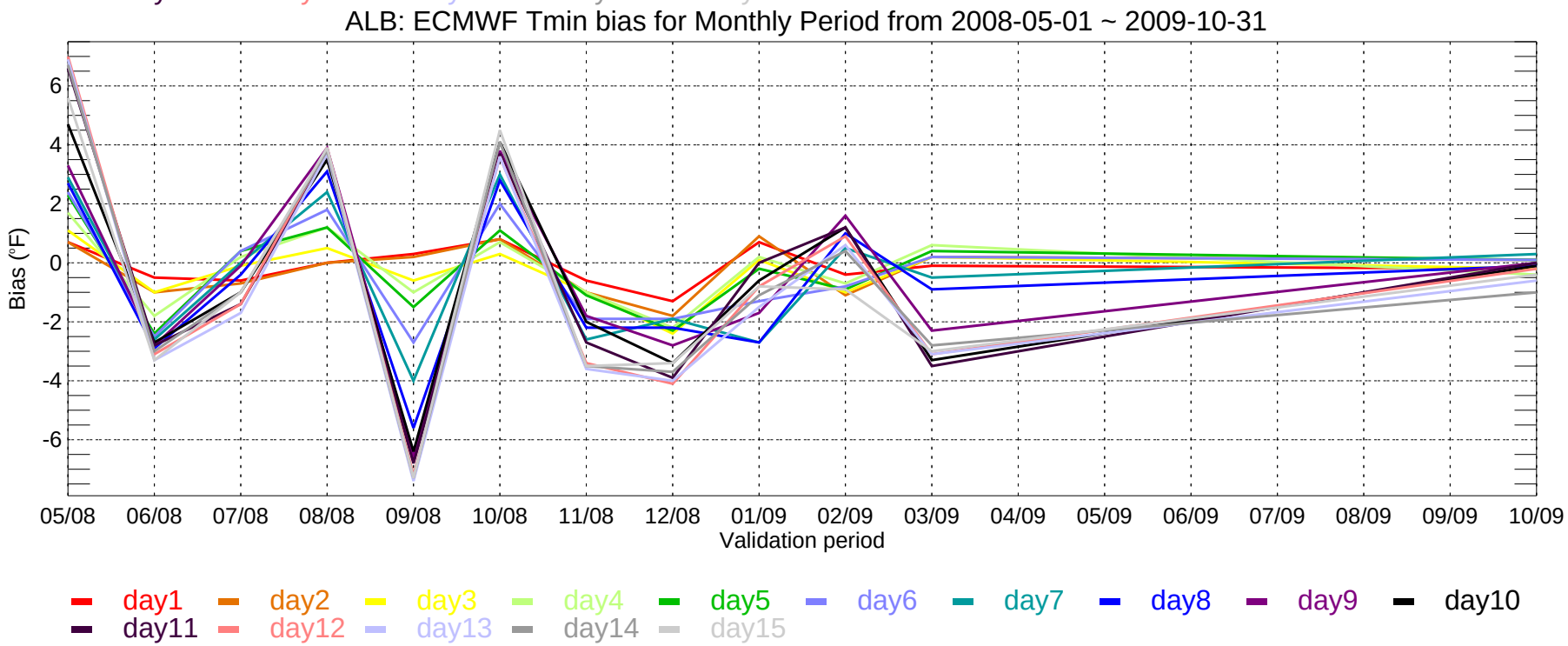
day10
day11
day12
day13
day14
day15


ALB: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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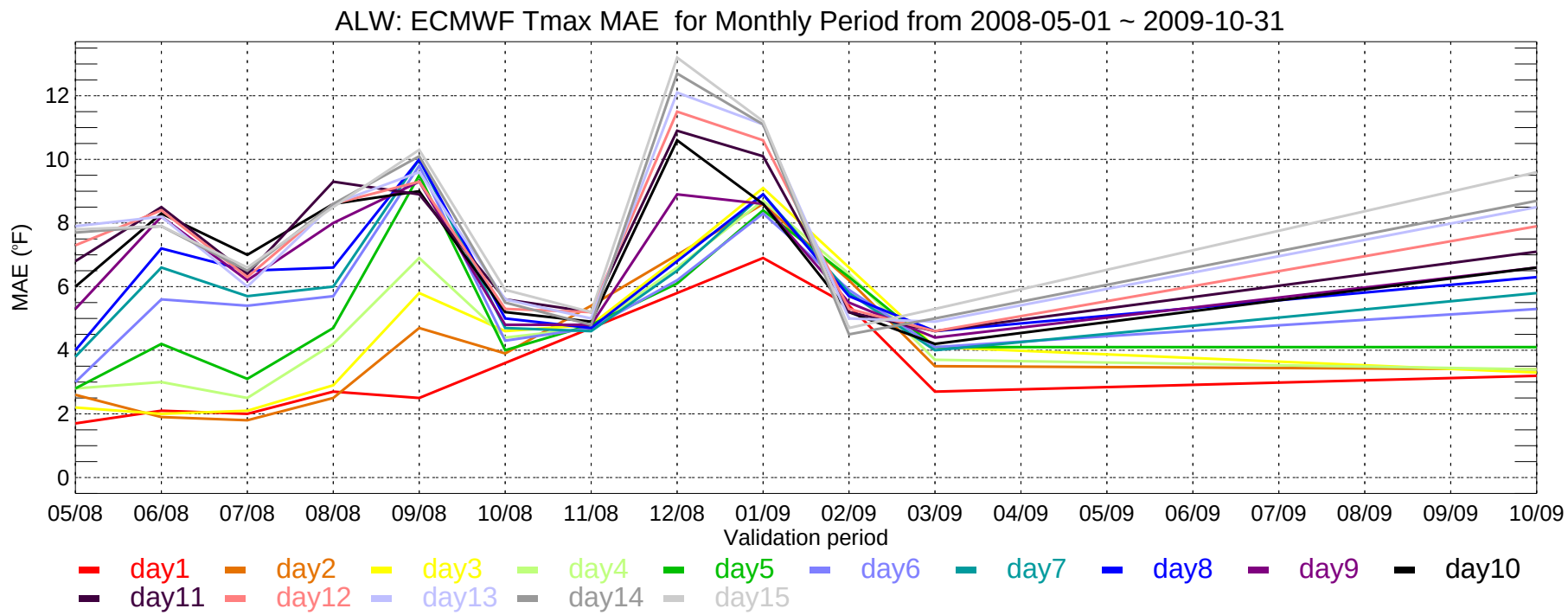
day11
day12
day13
day14
day15


ALW: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
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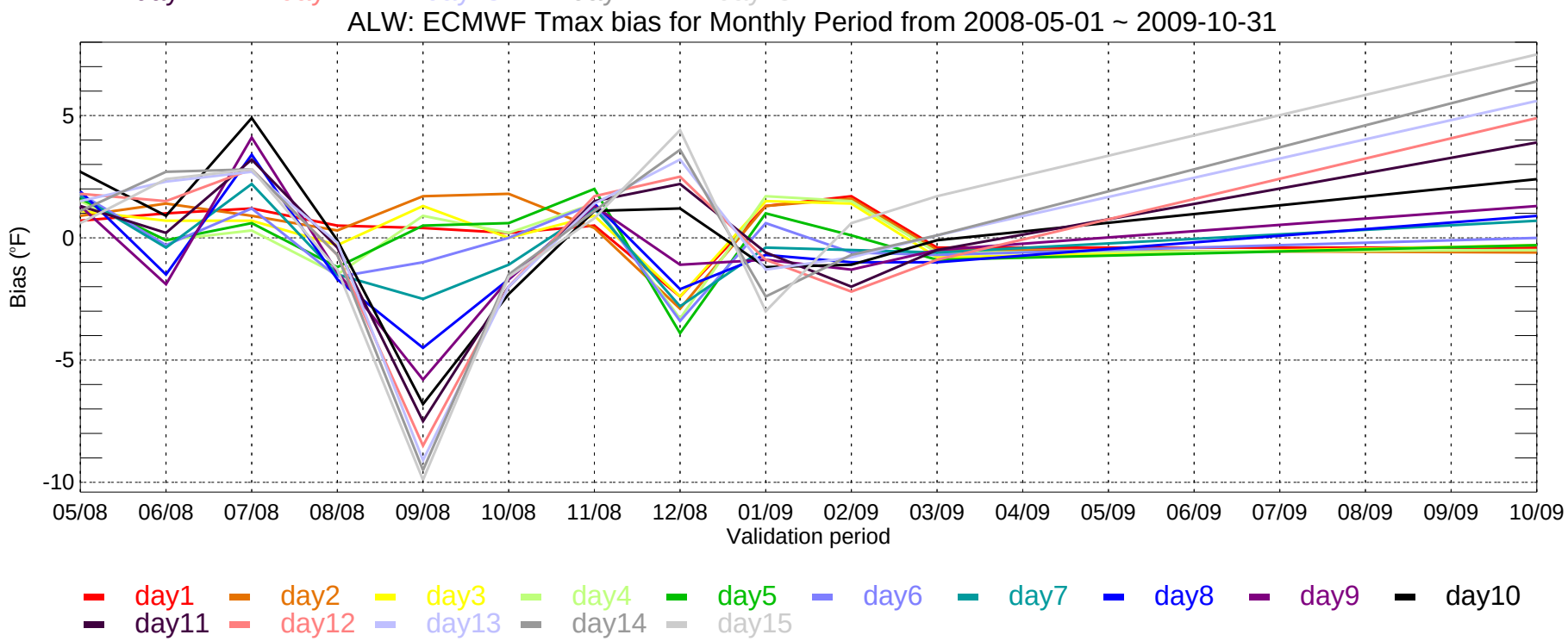
day13
day14
day15


ALW: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-10
-5
0
5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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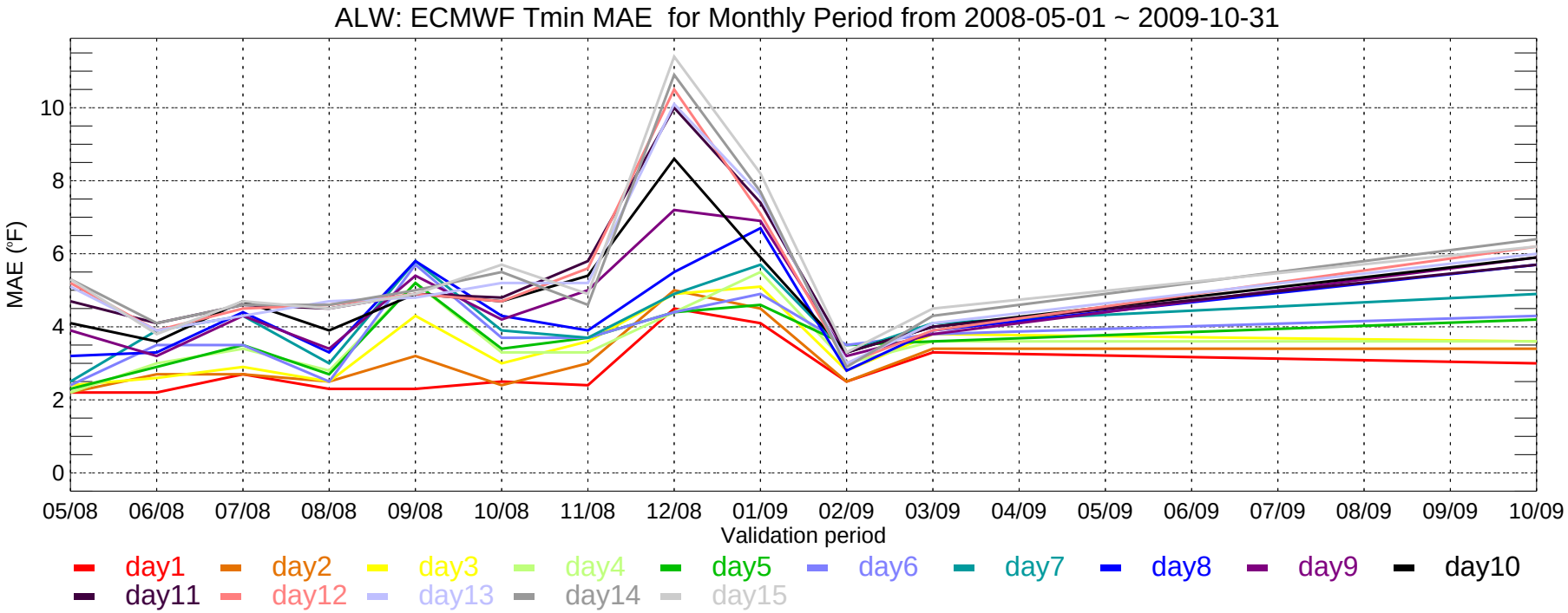
day15


ALW: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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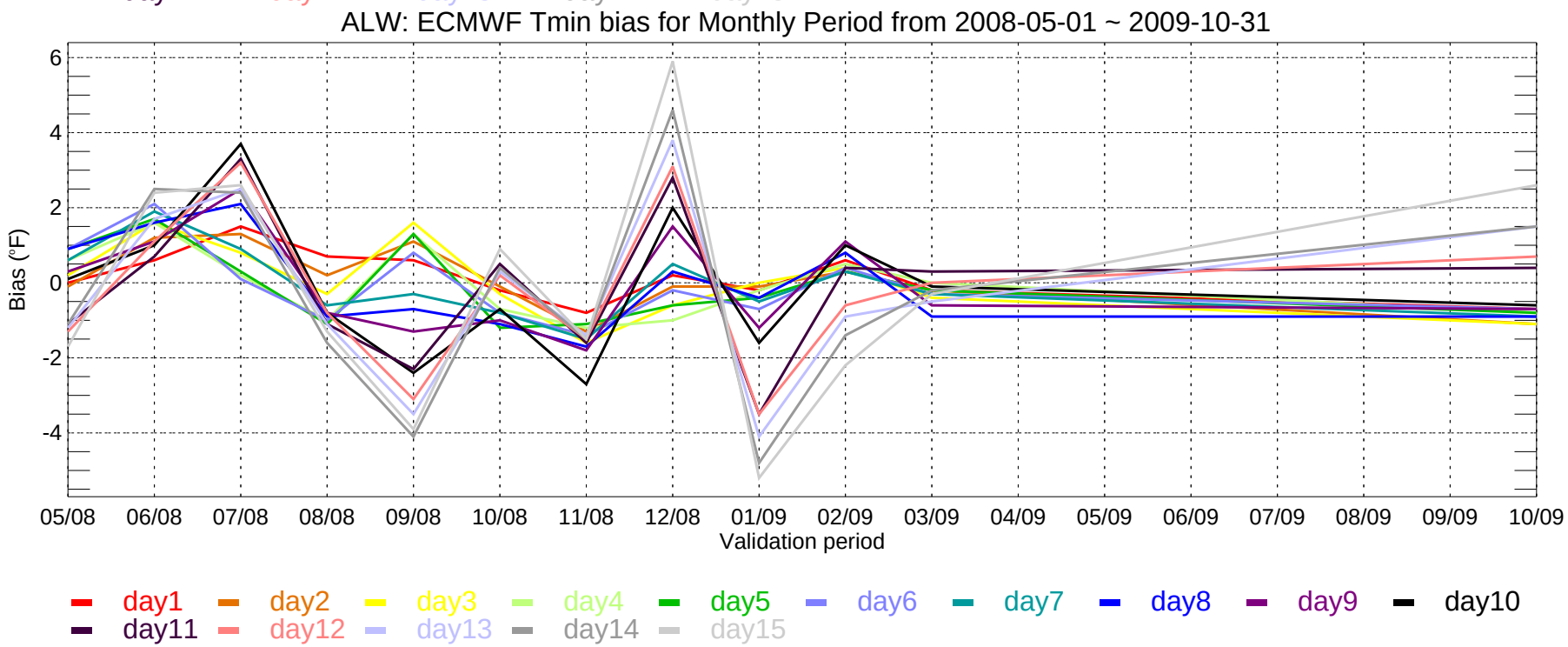
day15


ALW: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day4
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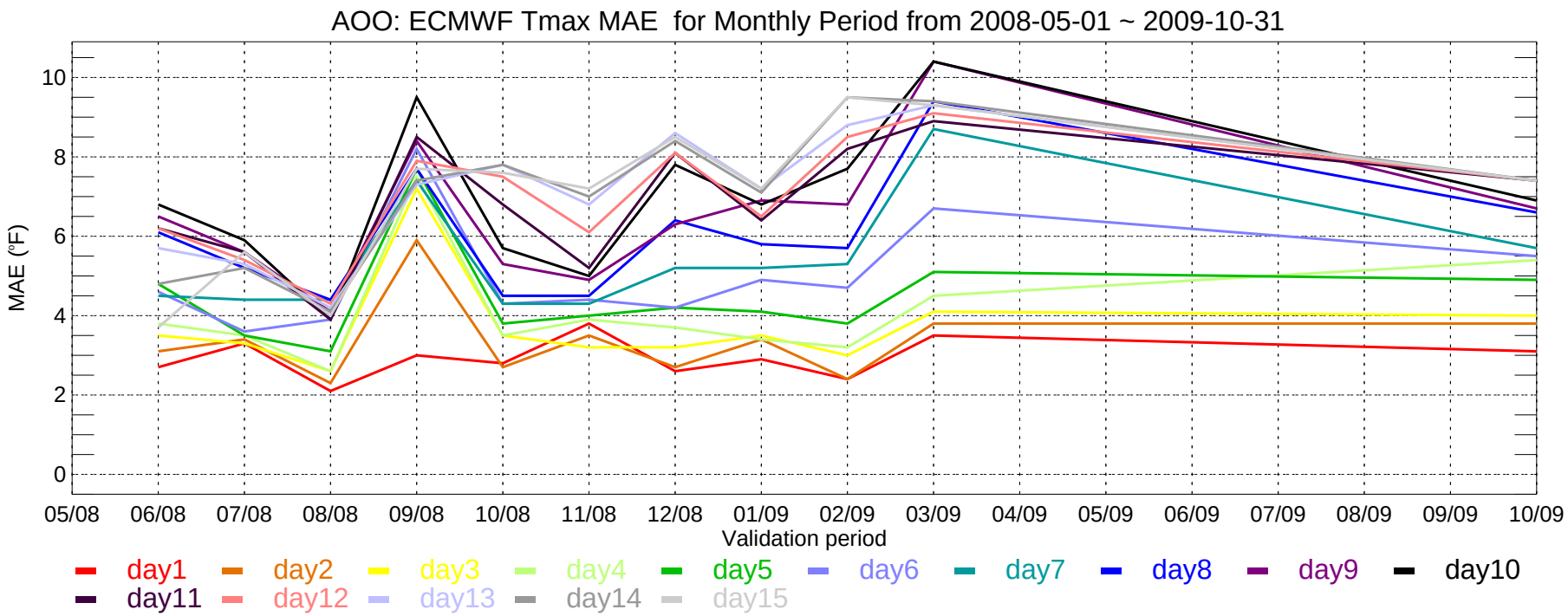
day14
day15


AOO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day4
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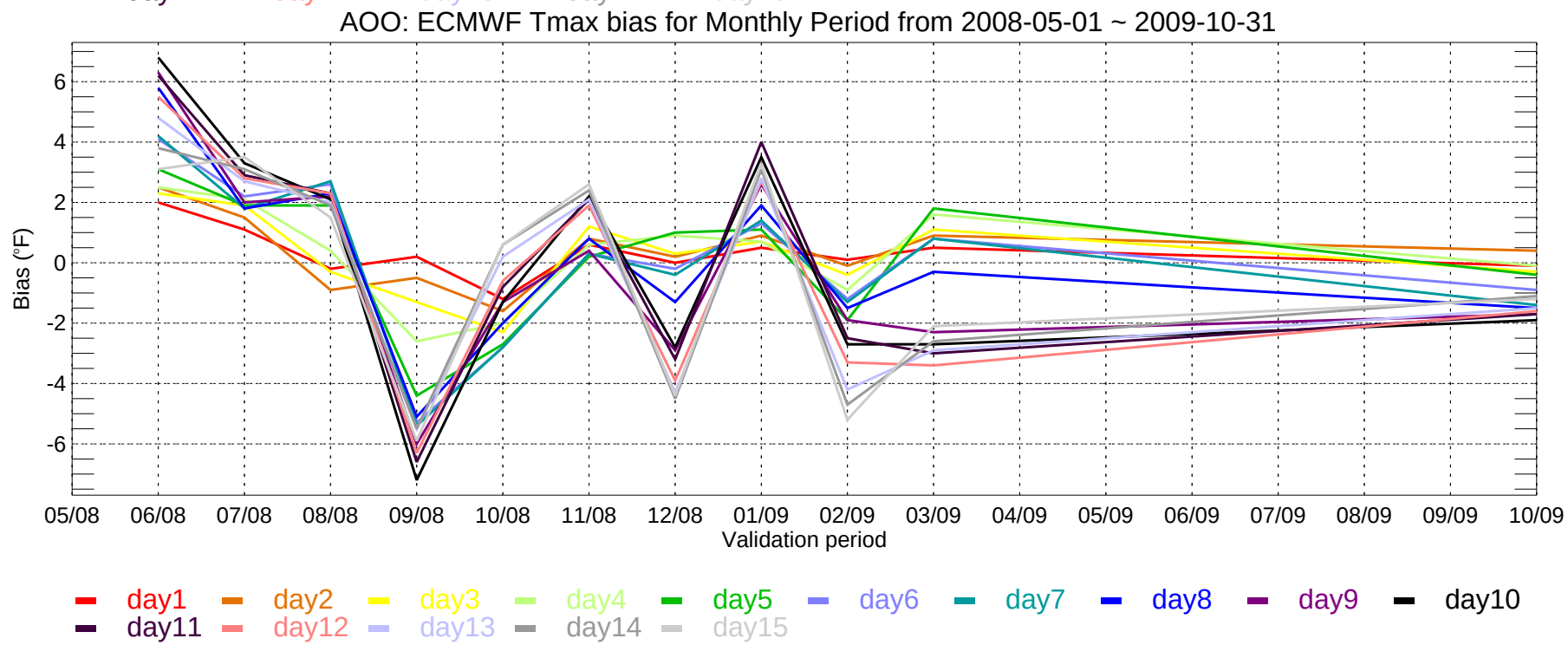
day14
day15


AOO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
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10/09
Validation period
day1
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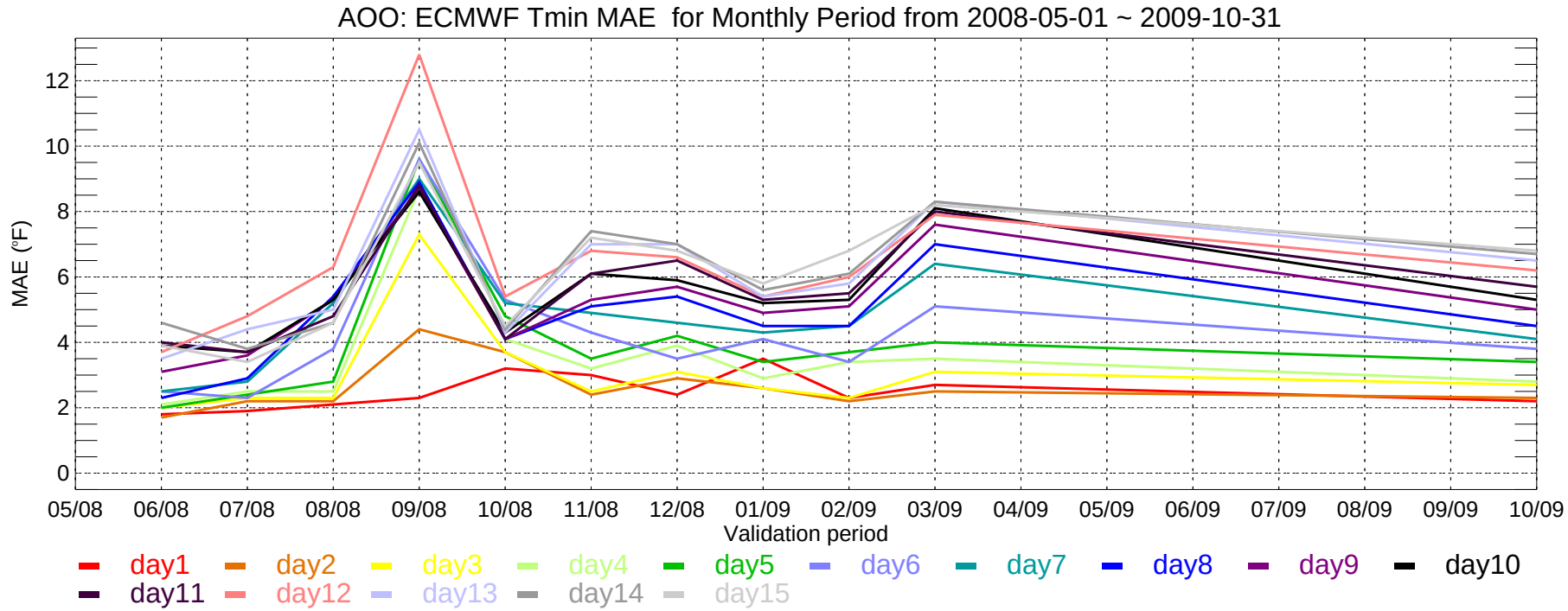
day13
day14
day15


AOO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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10/09
Validation period
day1
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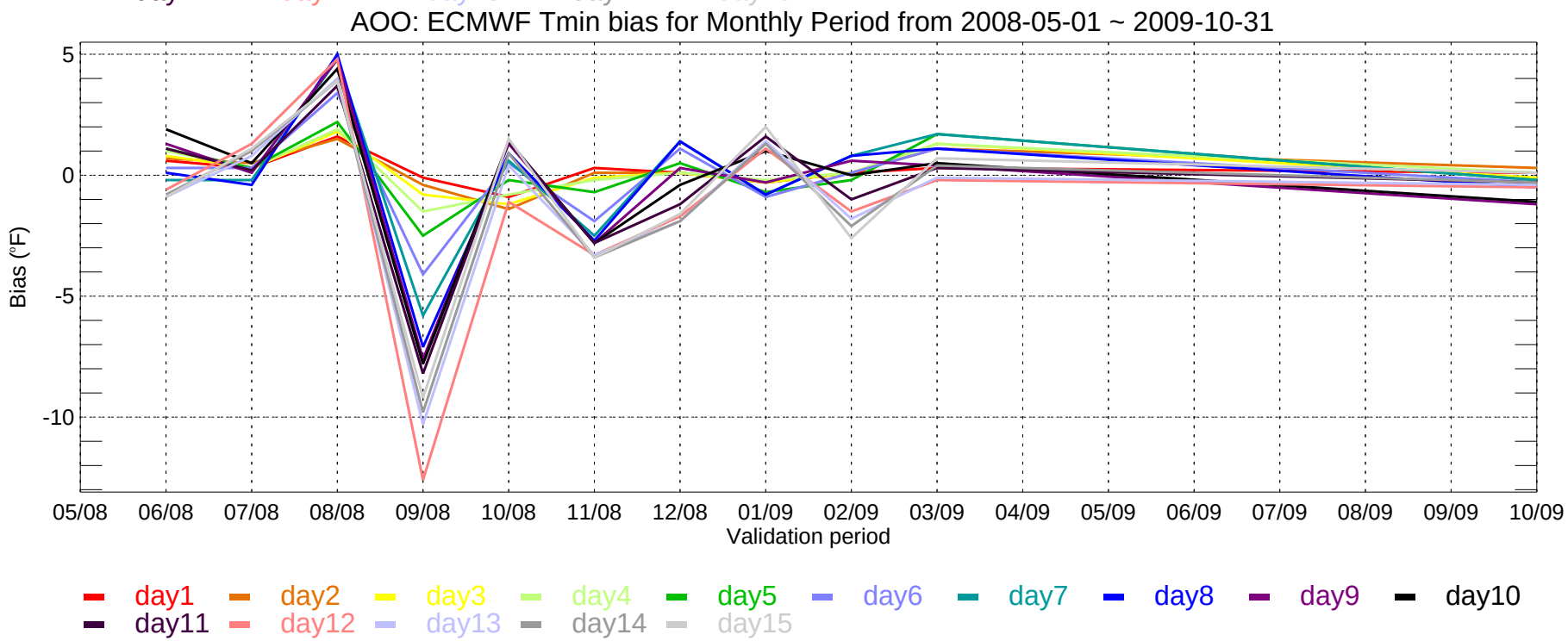
day15


AOO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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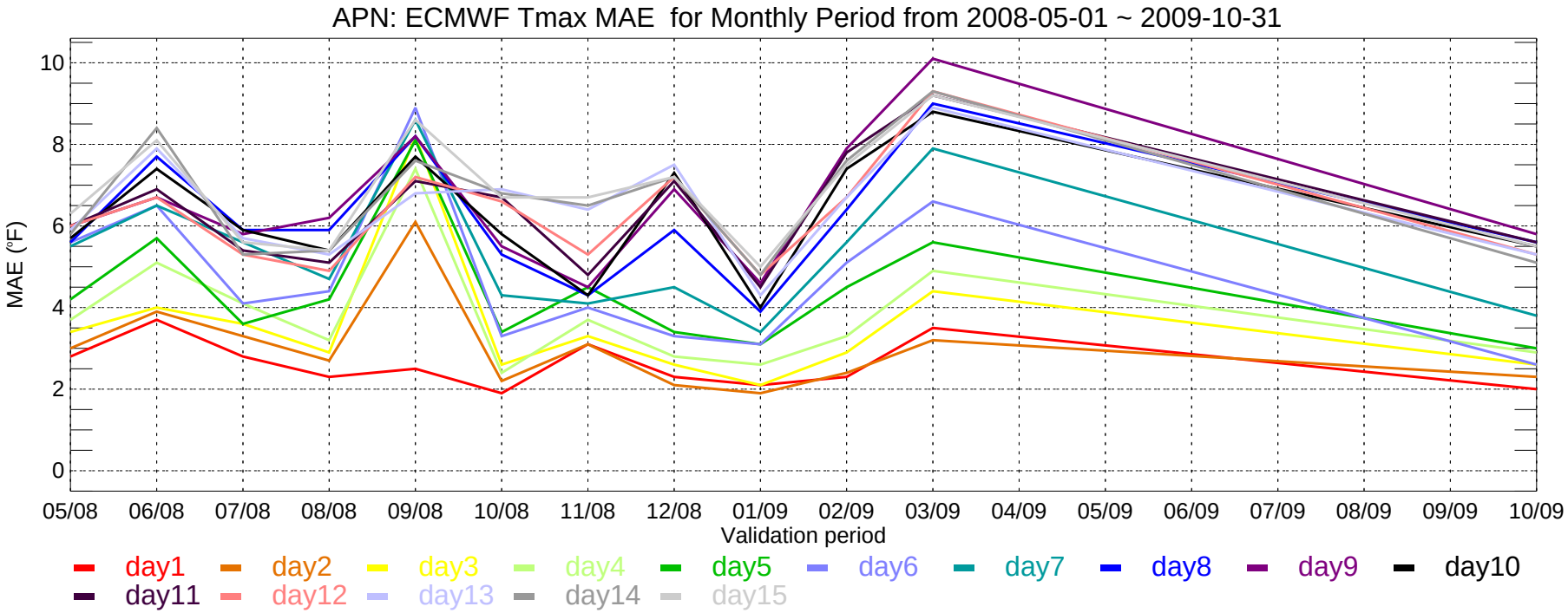
day14
day15


APN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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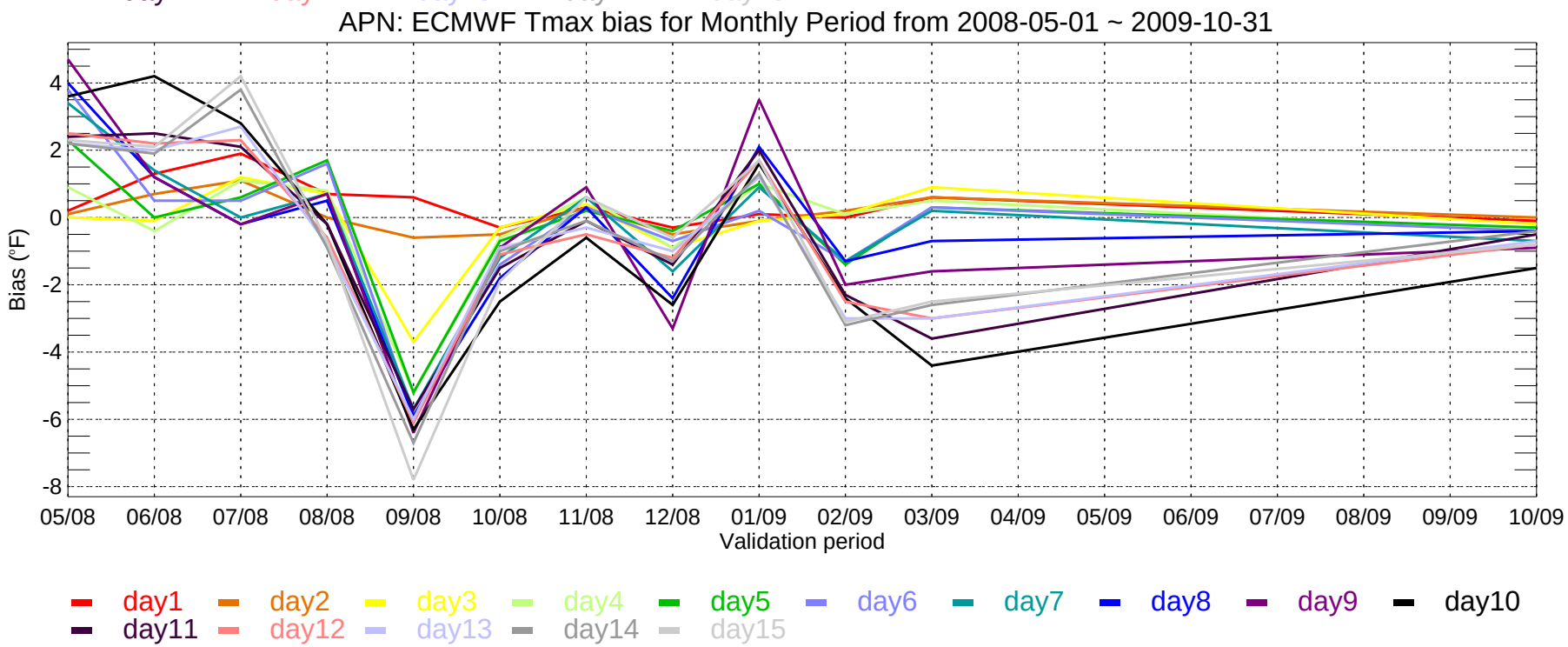
day10
day11
day12
day13
day14
day15


APN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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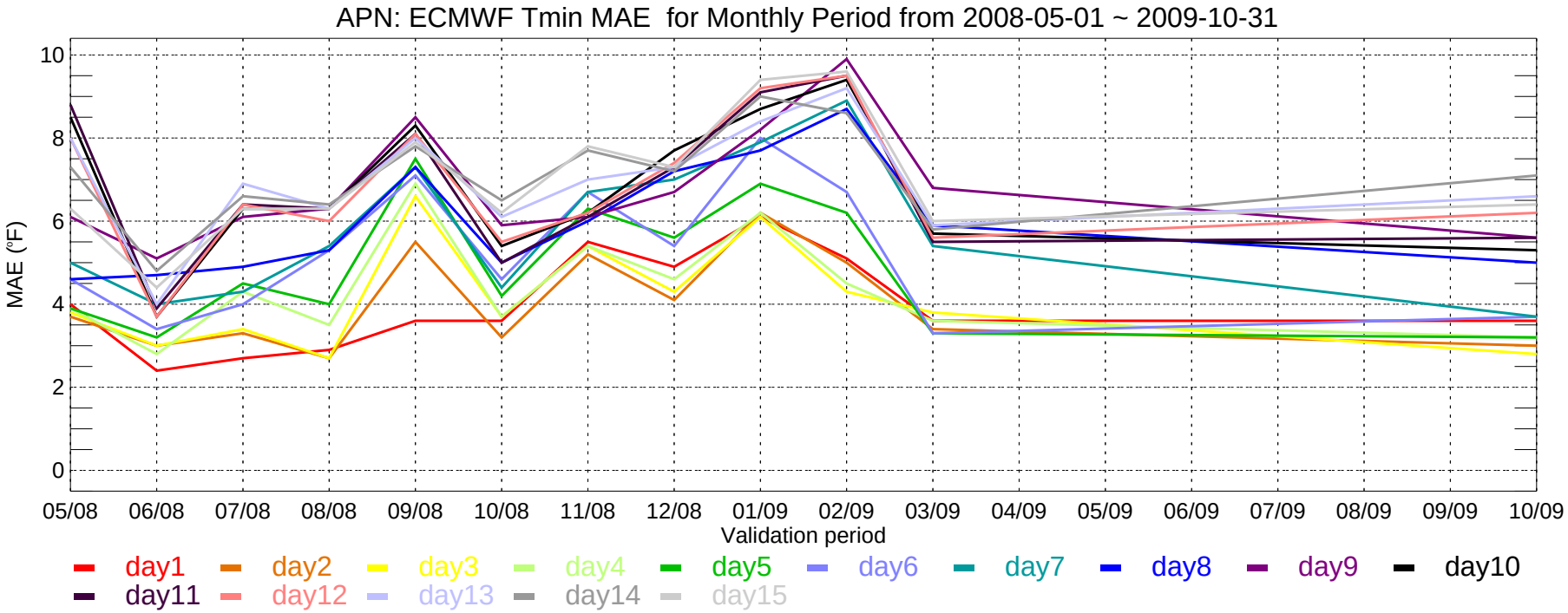
day14
day15


APN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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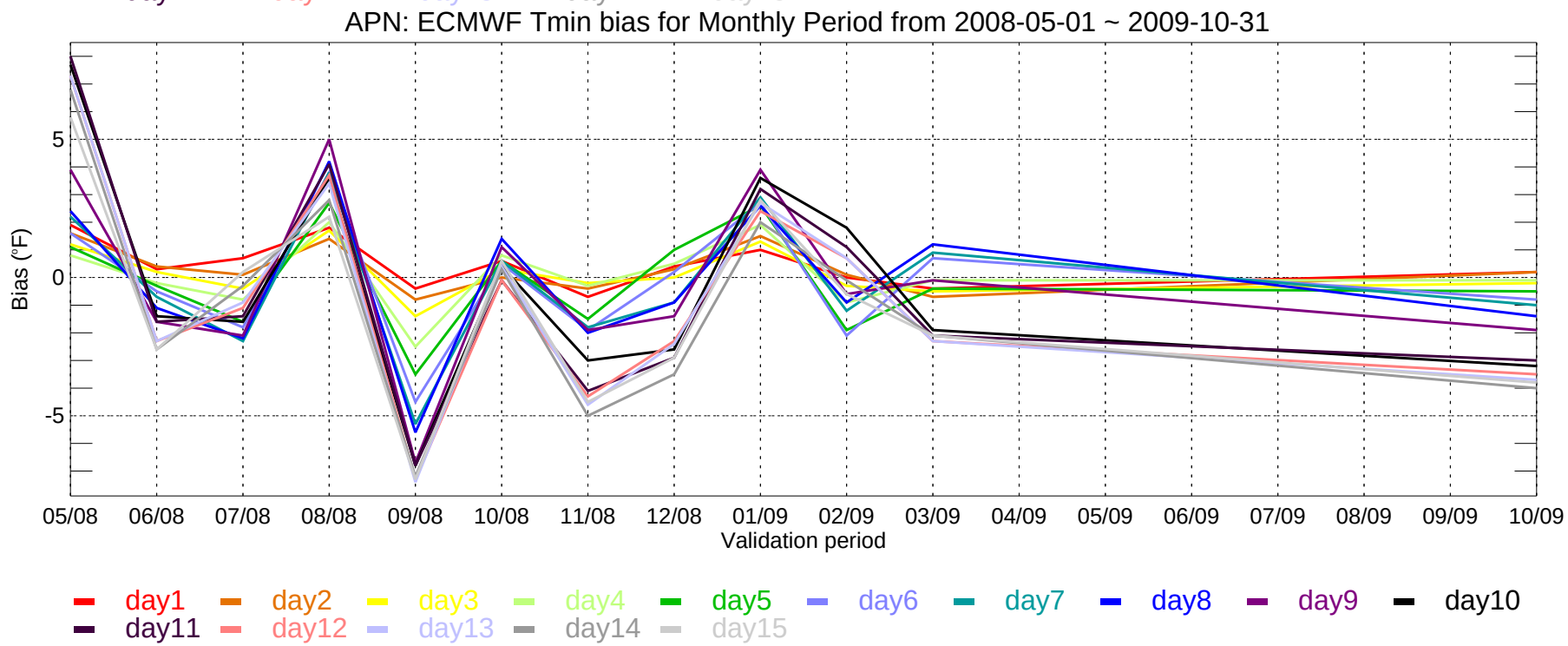
day14
day15


APN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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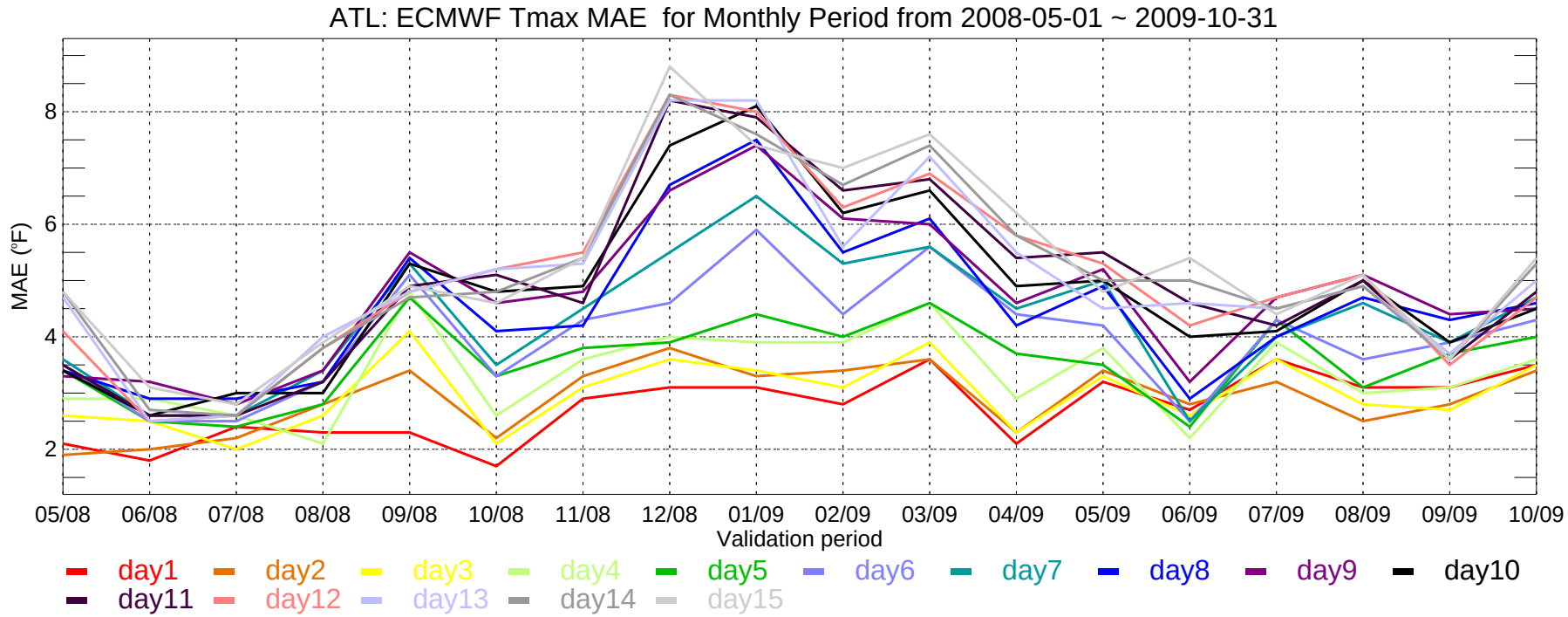
day14
day15


ATL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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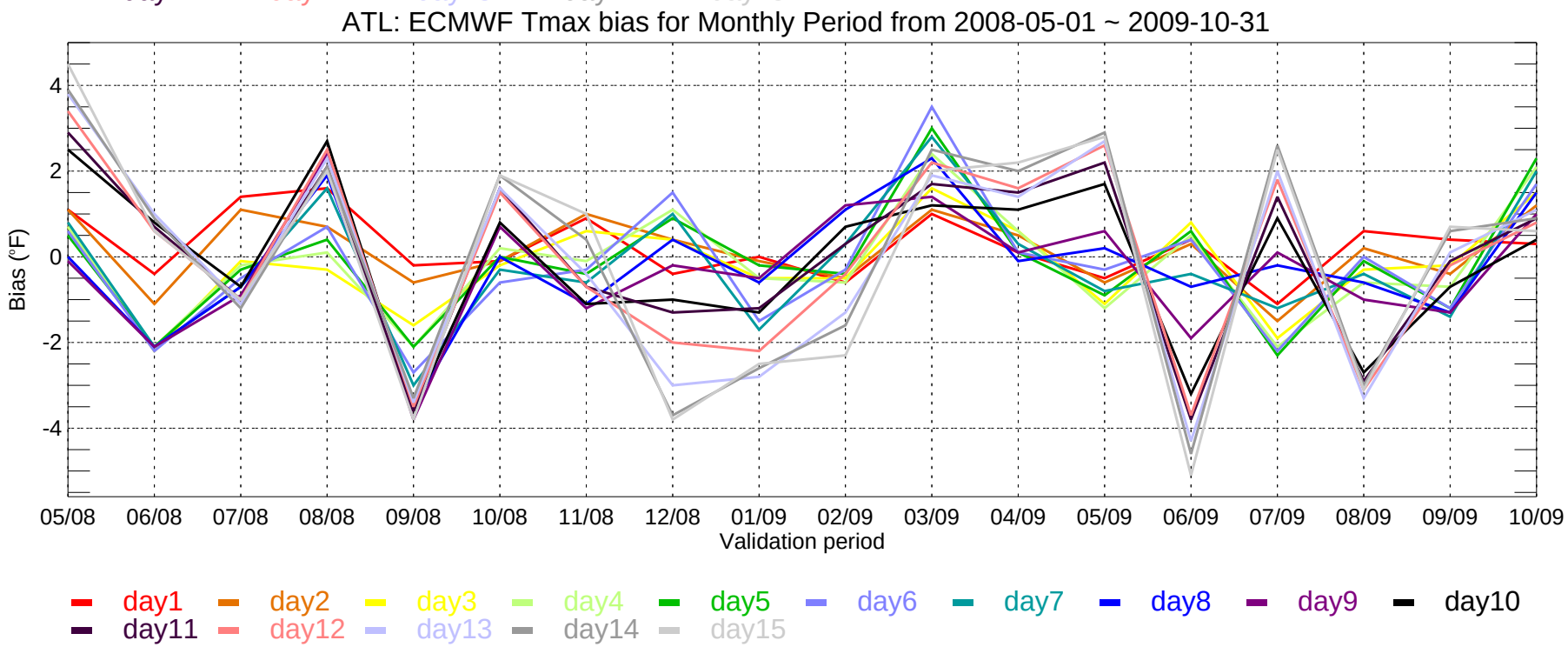
day15


ATL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day3
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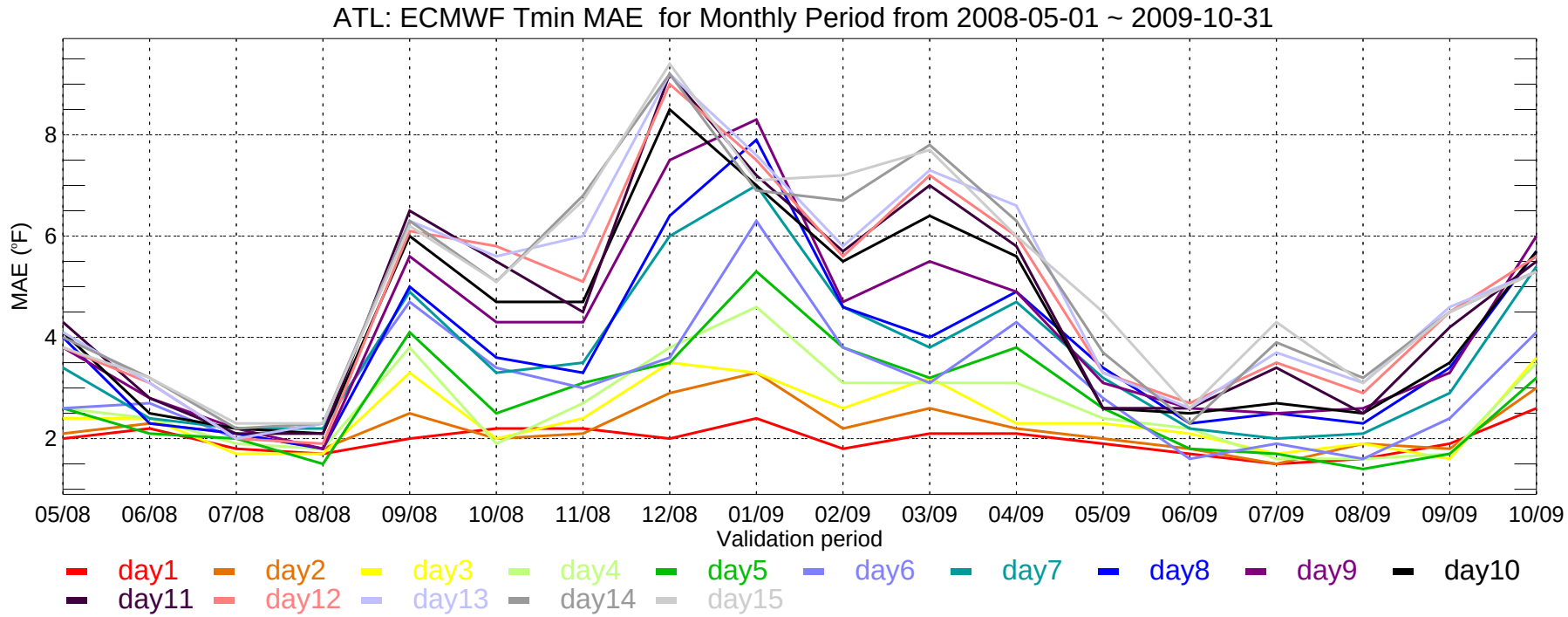
day15


ATL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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07/09
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10/09
Validation period
day1
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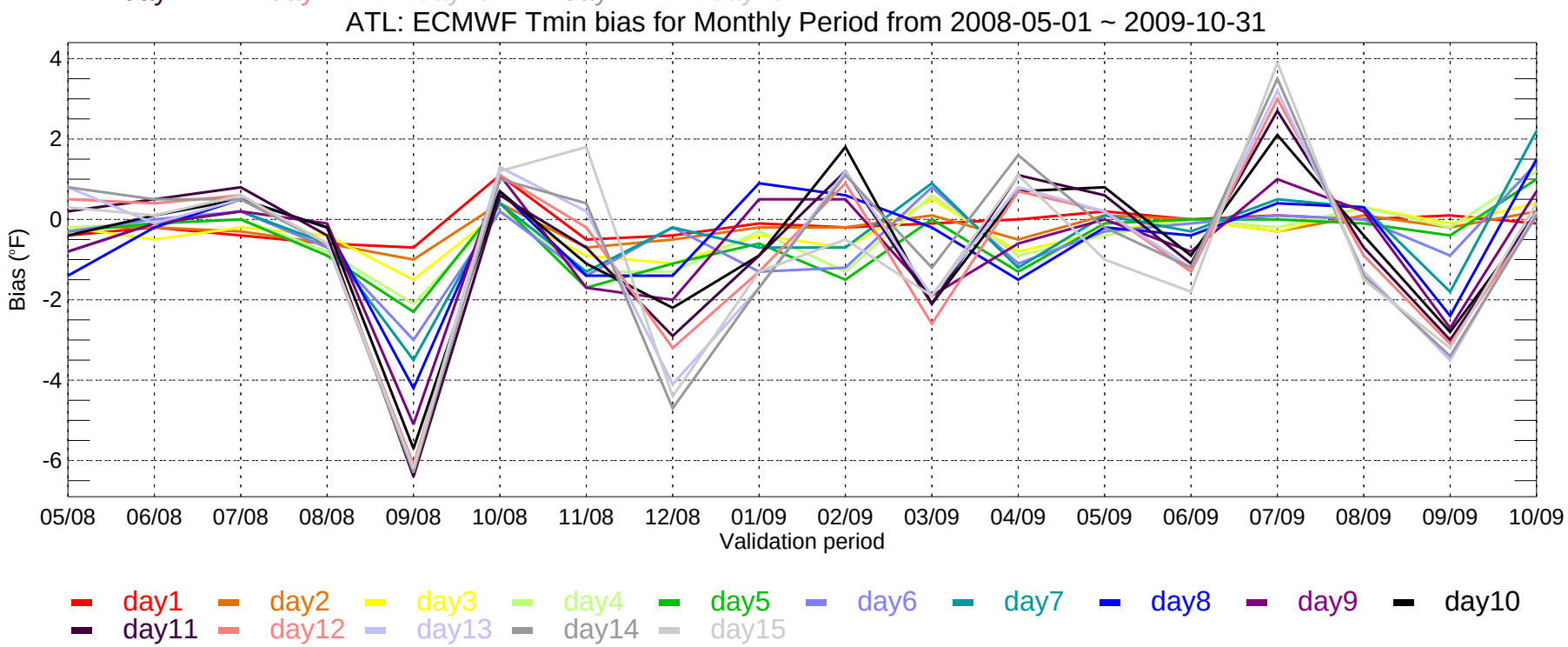
day15


ATL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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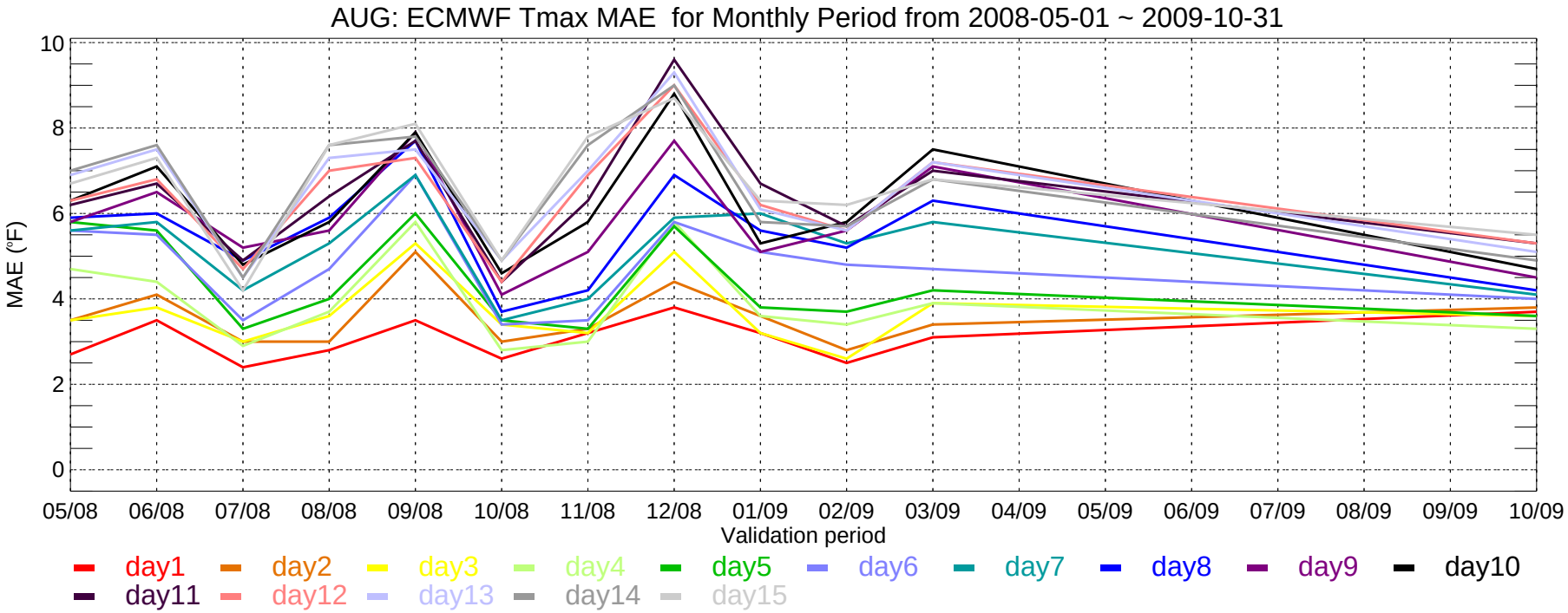
day15


AUG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day4
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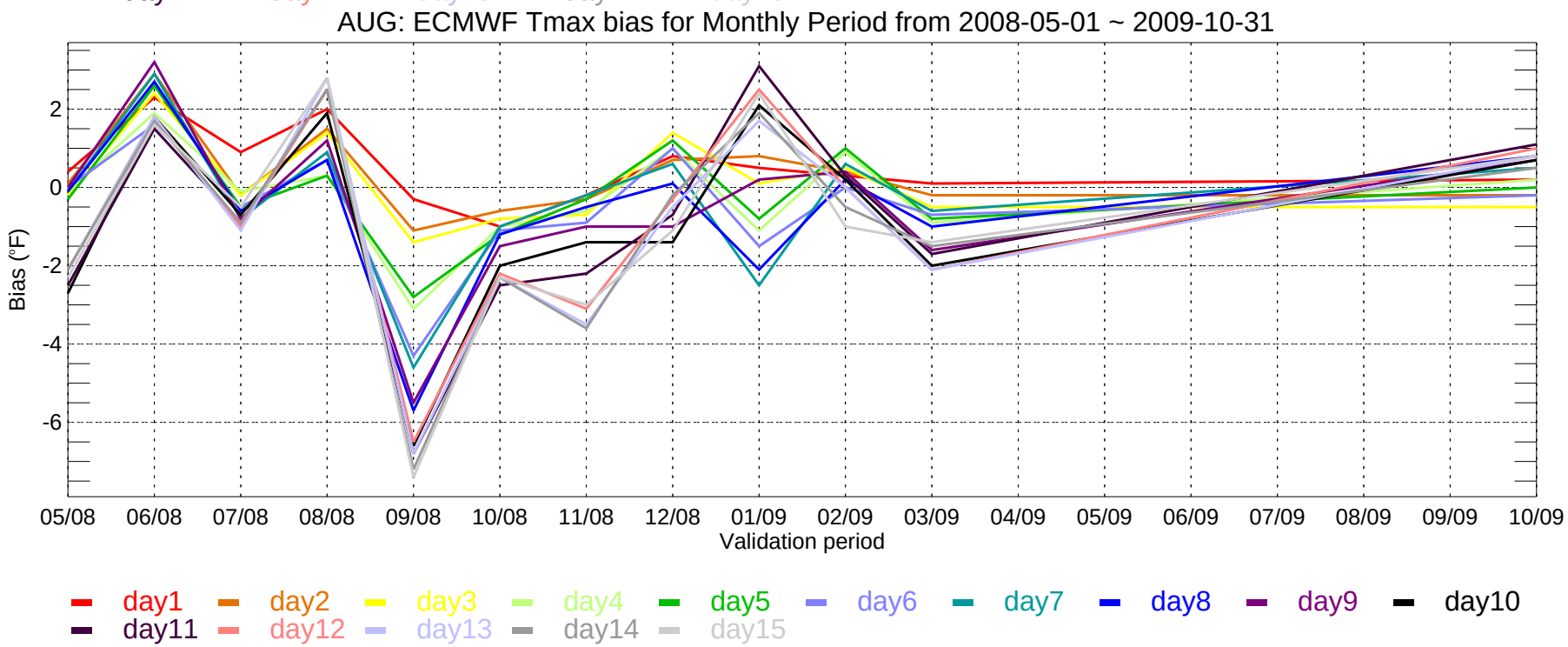
day15


AUG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day3
day4
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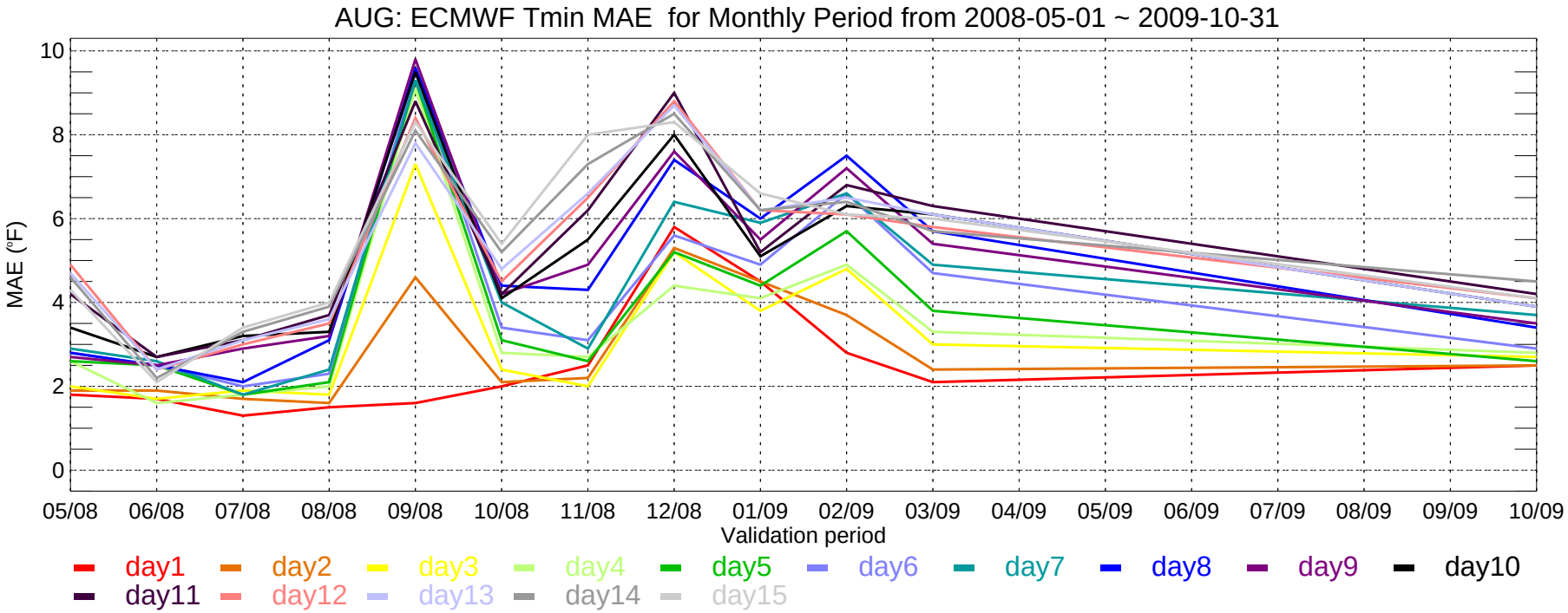
day14
day15


AUG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
07/09
08/09
09/09
10/09
Validation period
day1
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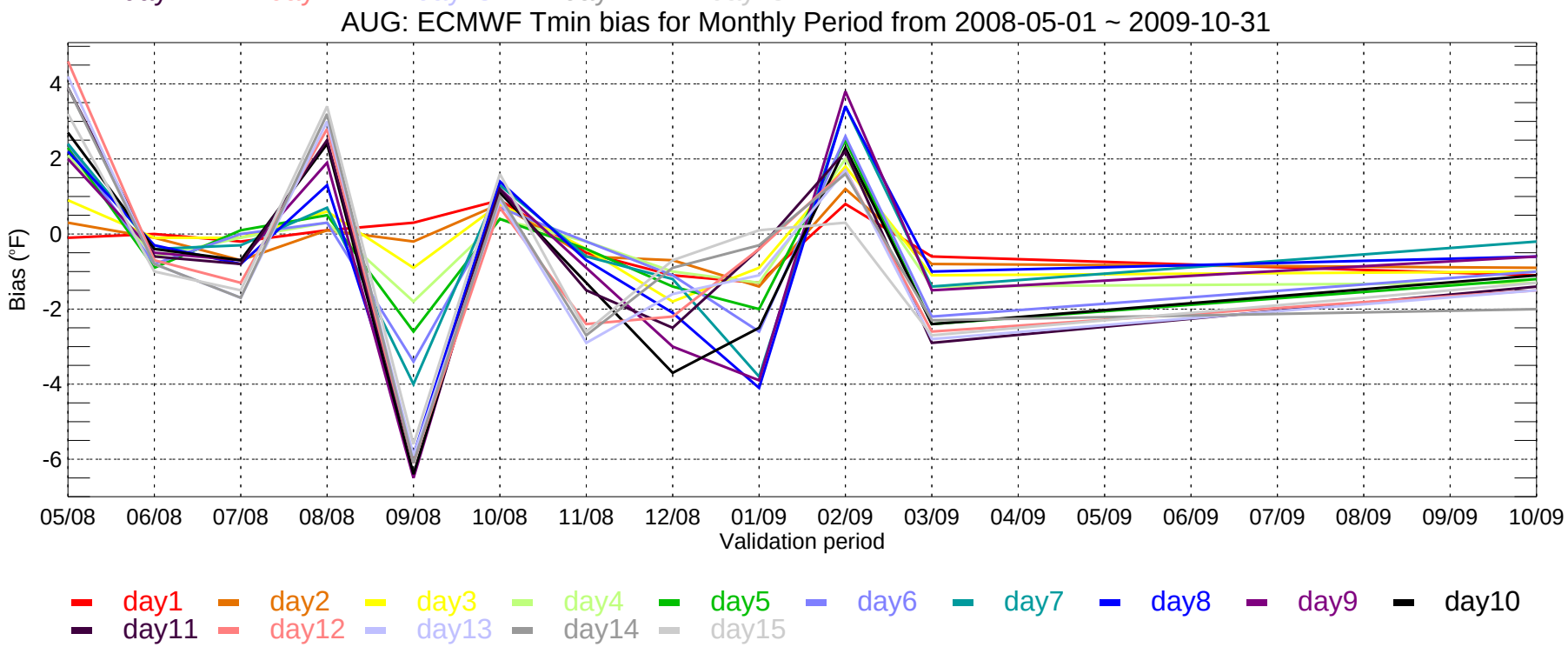
day15


AUG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
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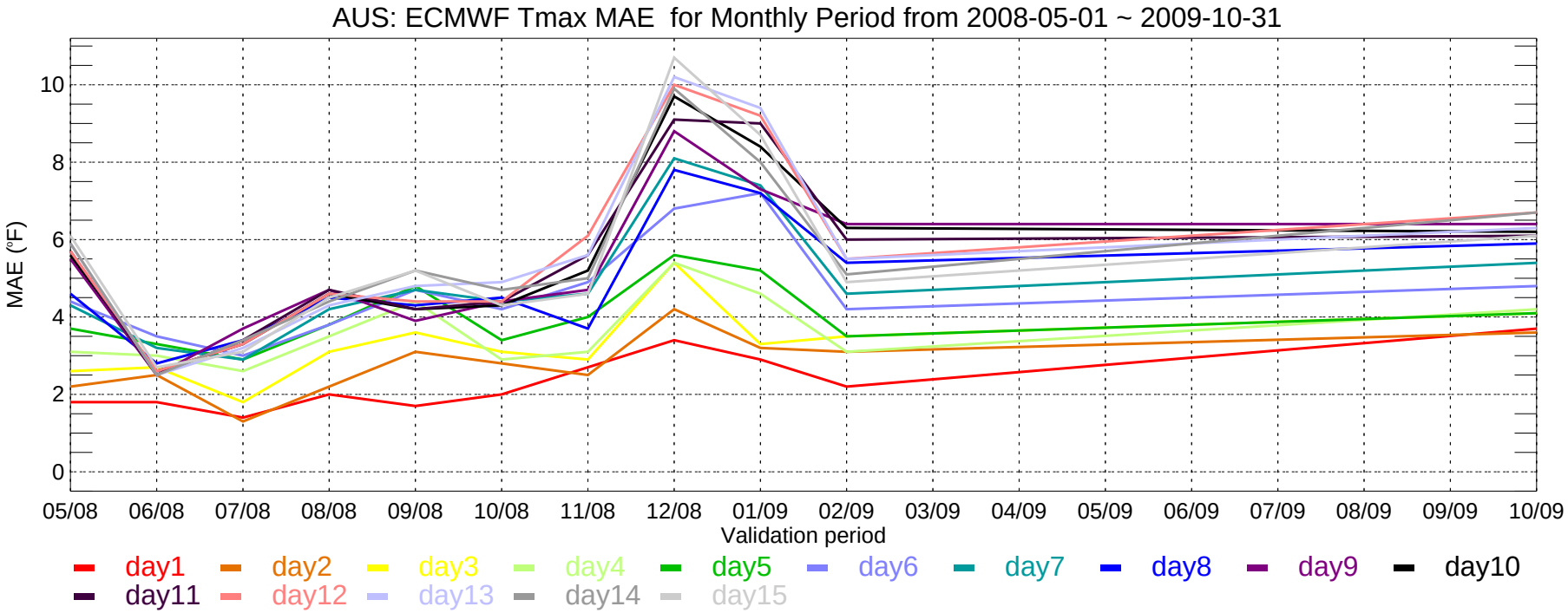
day15


AUS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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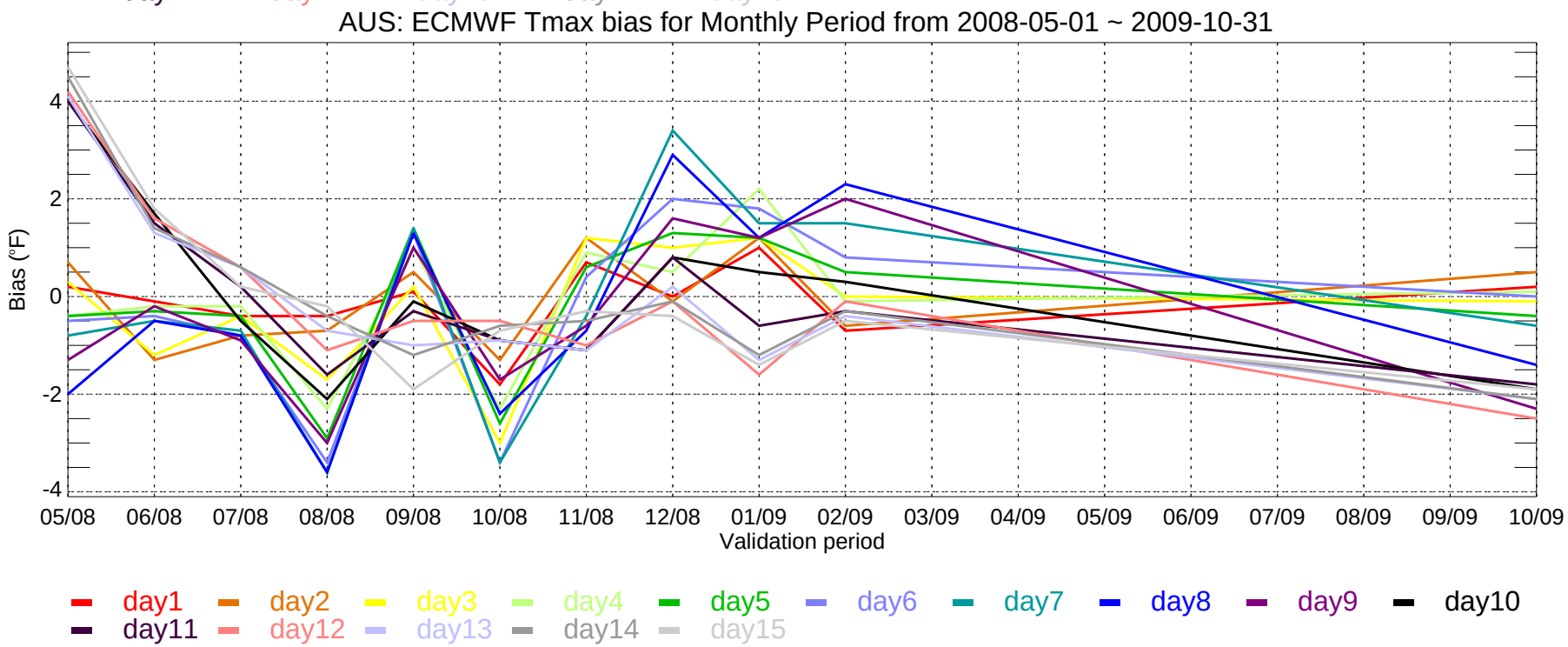
day13
day14
day15


AUS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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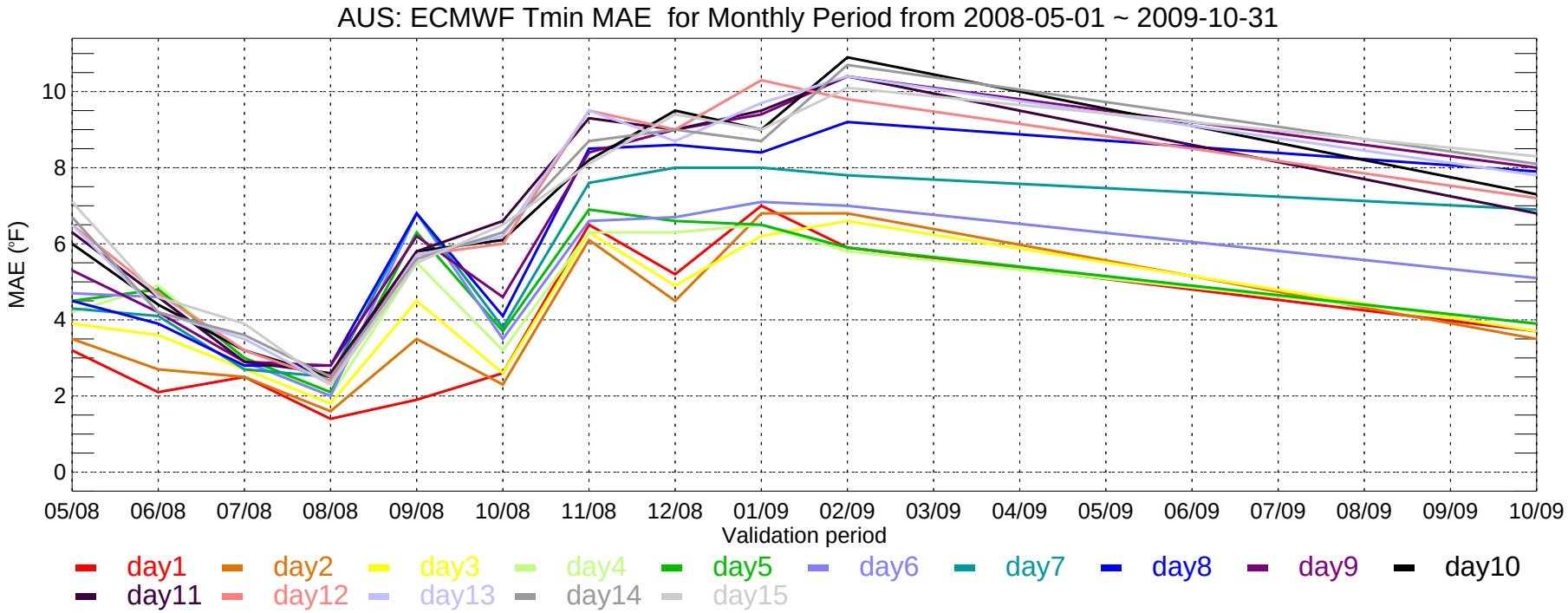
day15


AUS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day4
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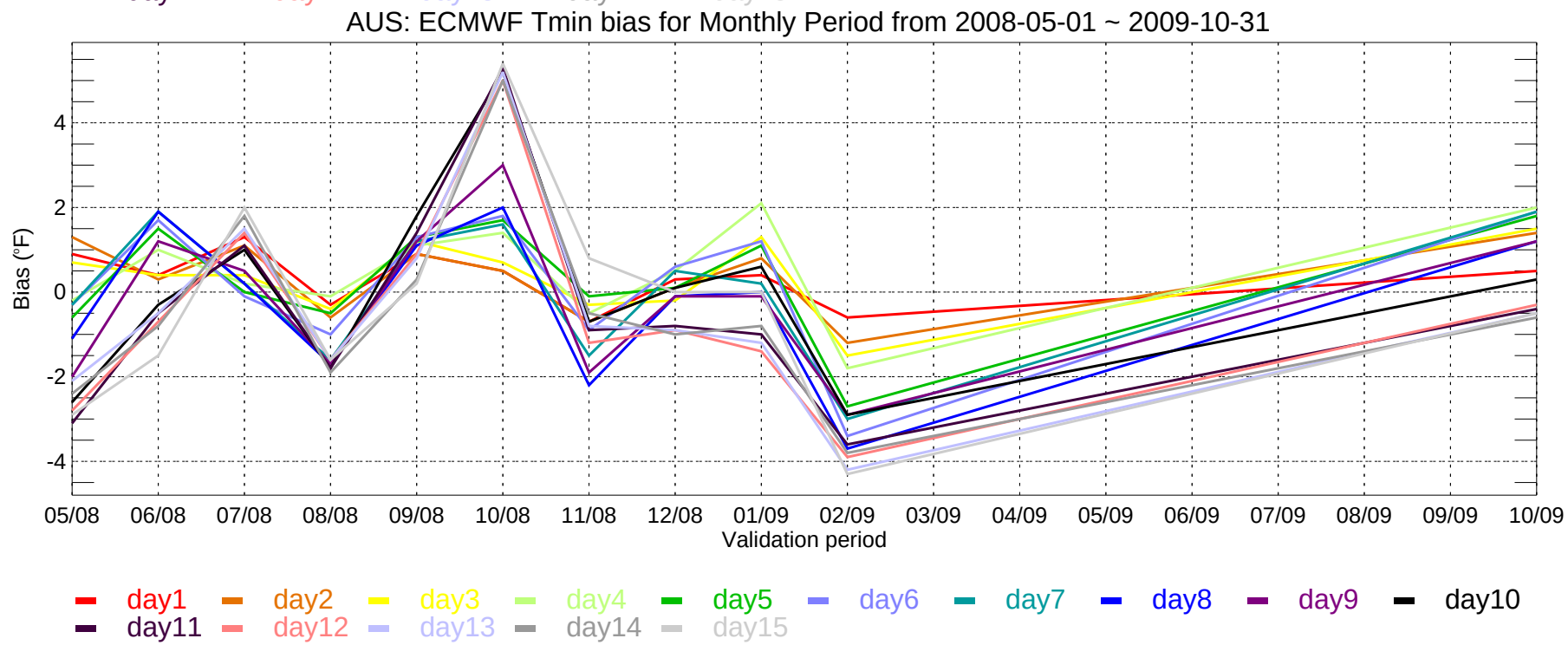
day15


AUS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
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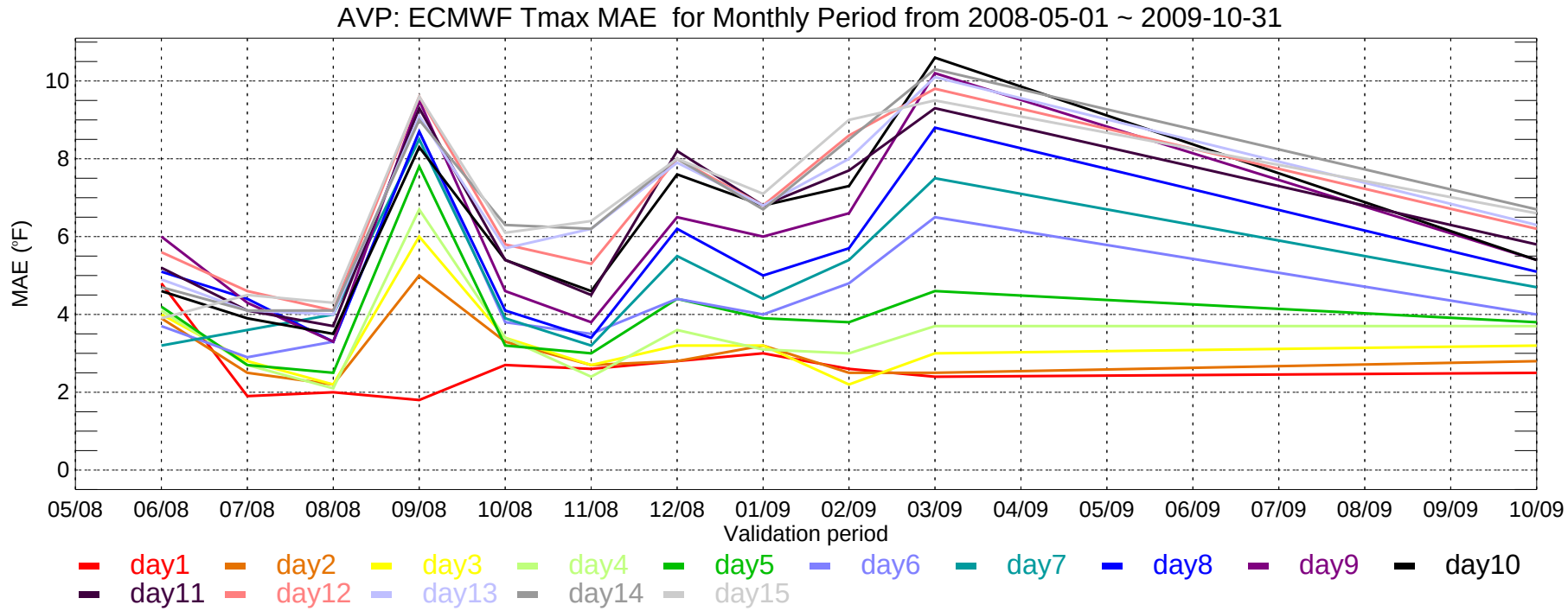
day15


AVP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
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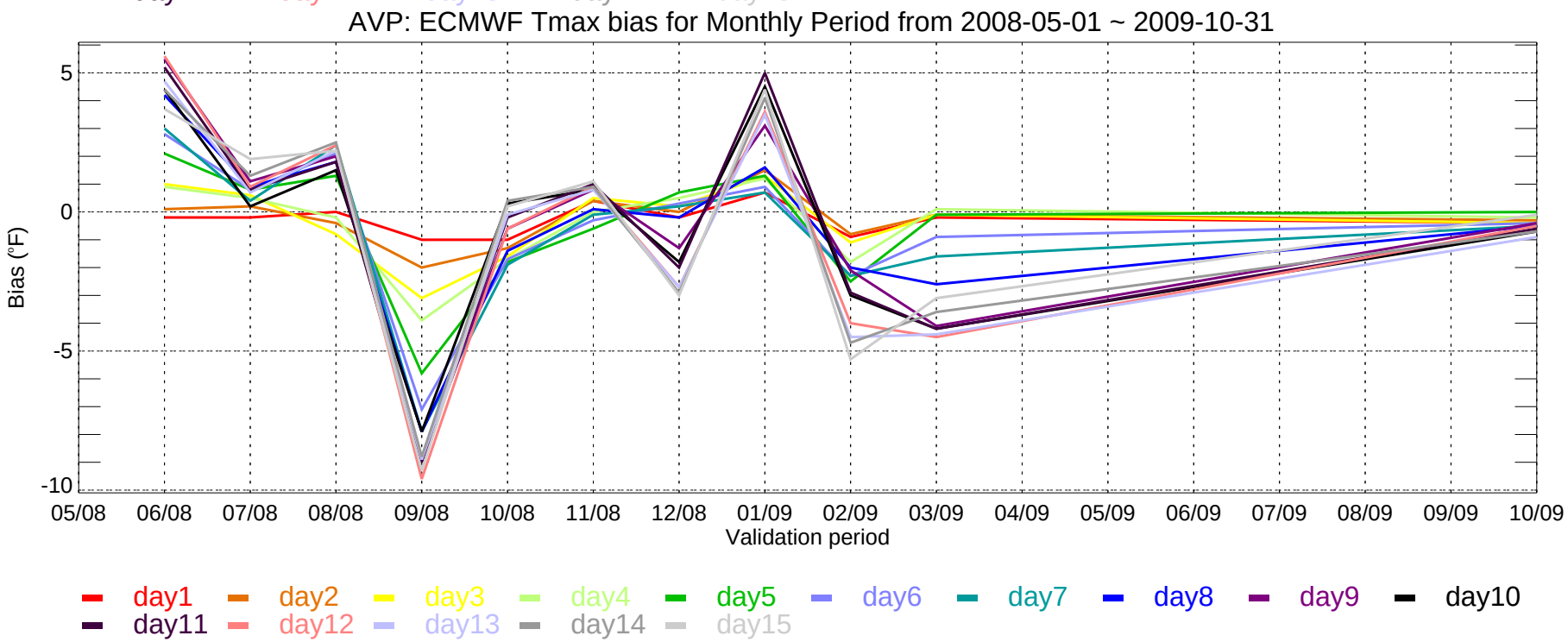
day15


AVP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
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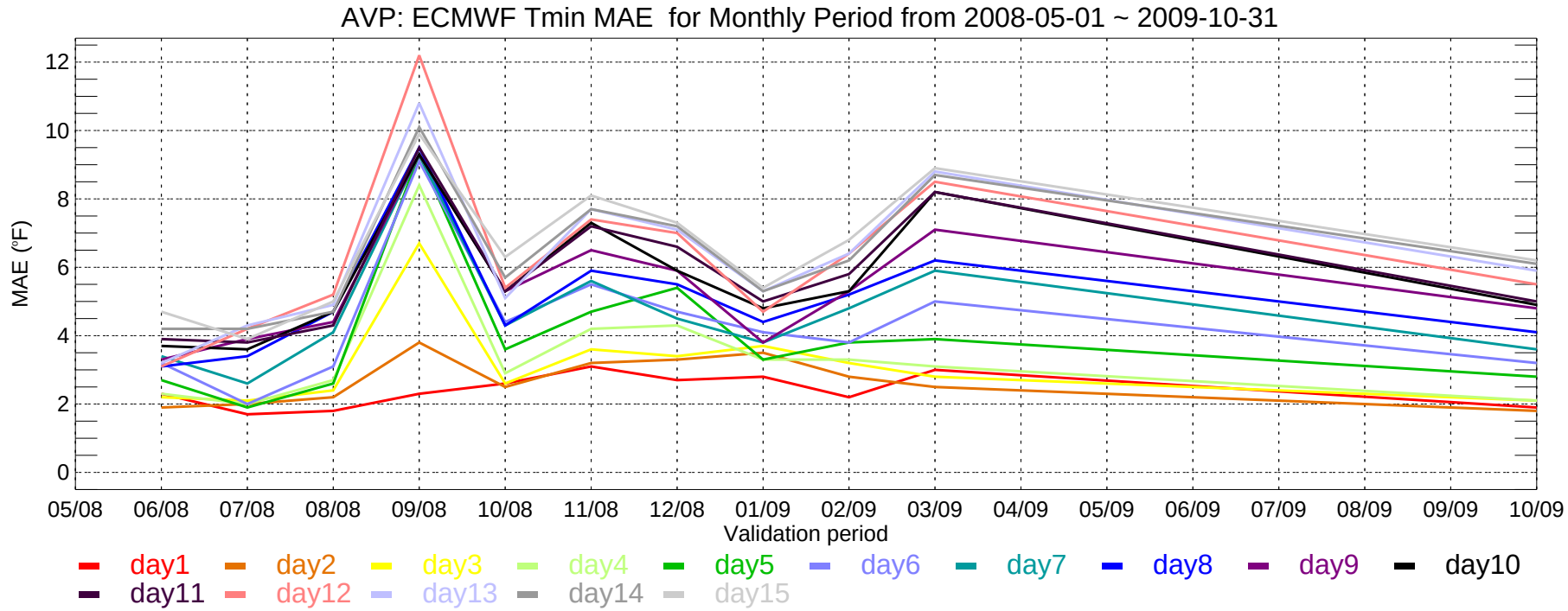
day15


AVP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
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10/09
Validation period
day1
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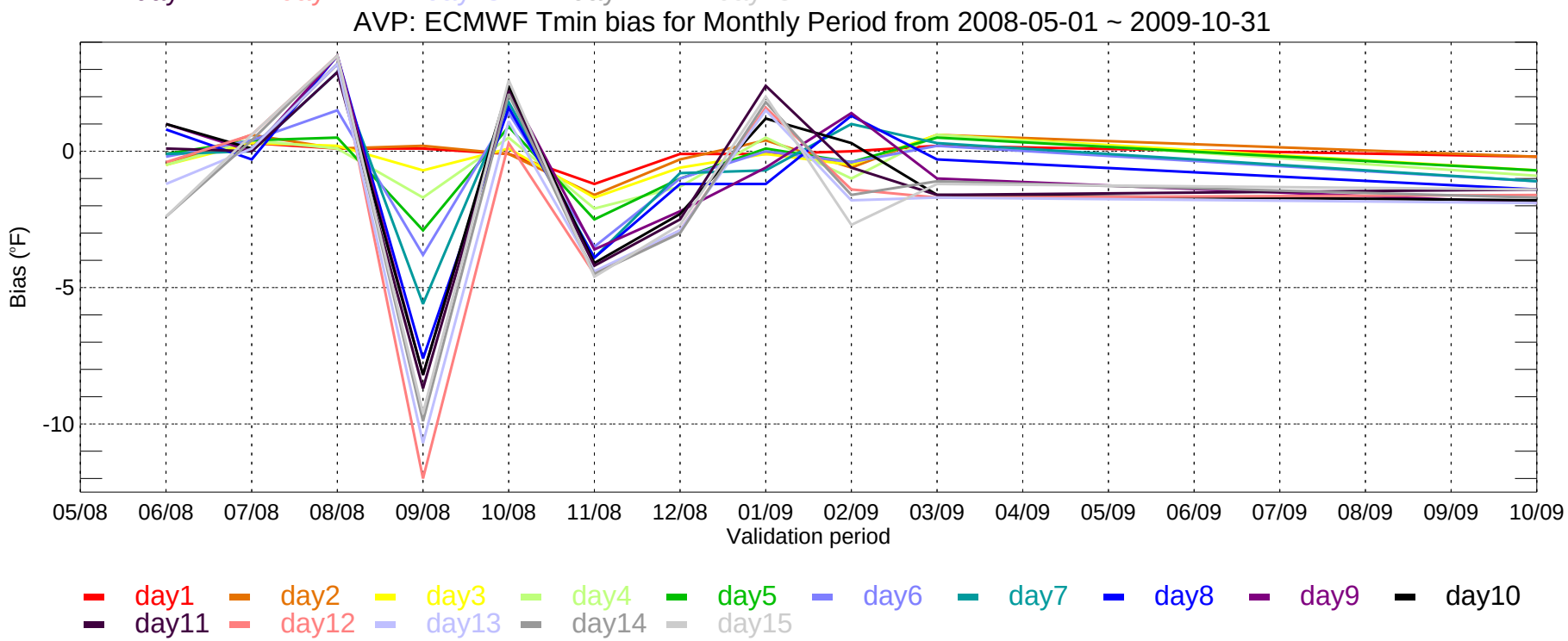
day15


AVP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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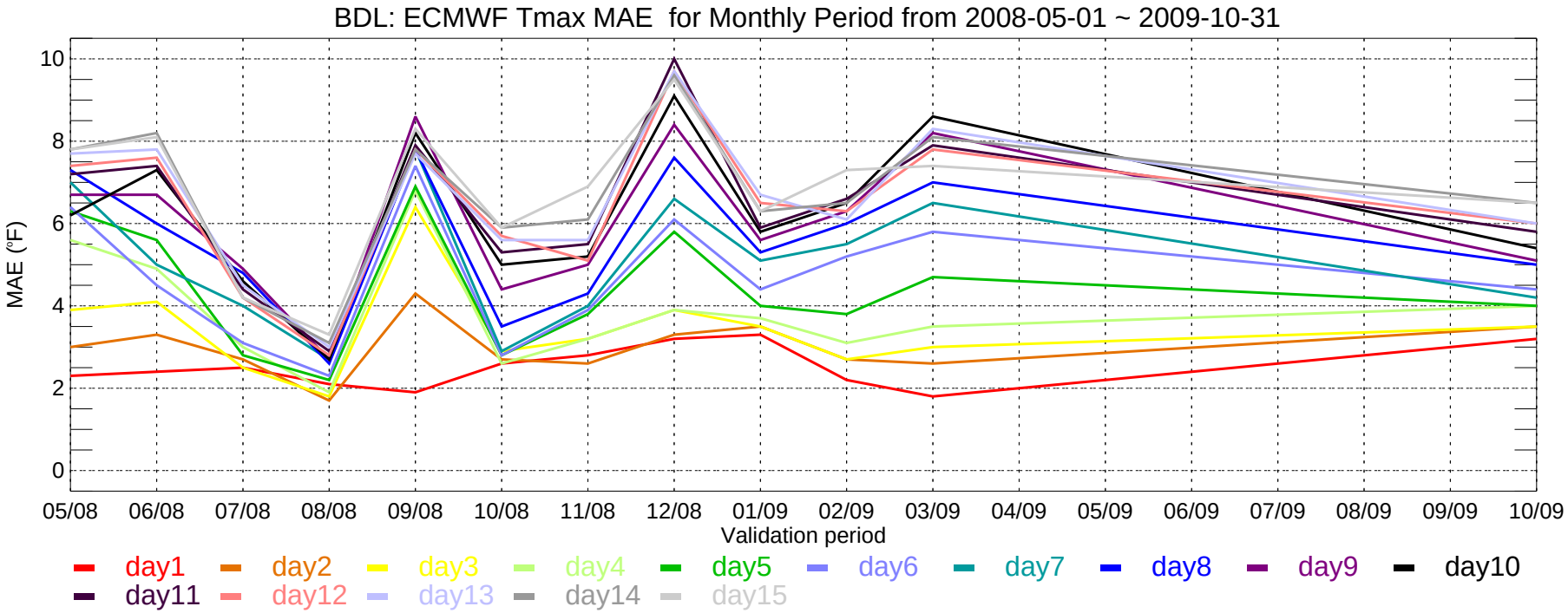
day15


BDL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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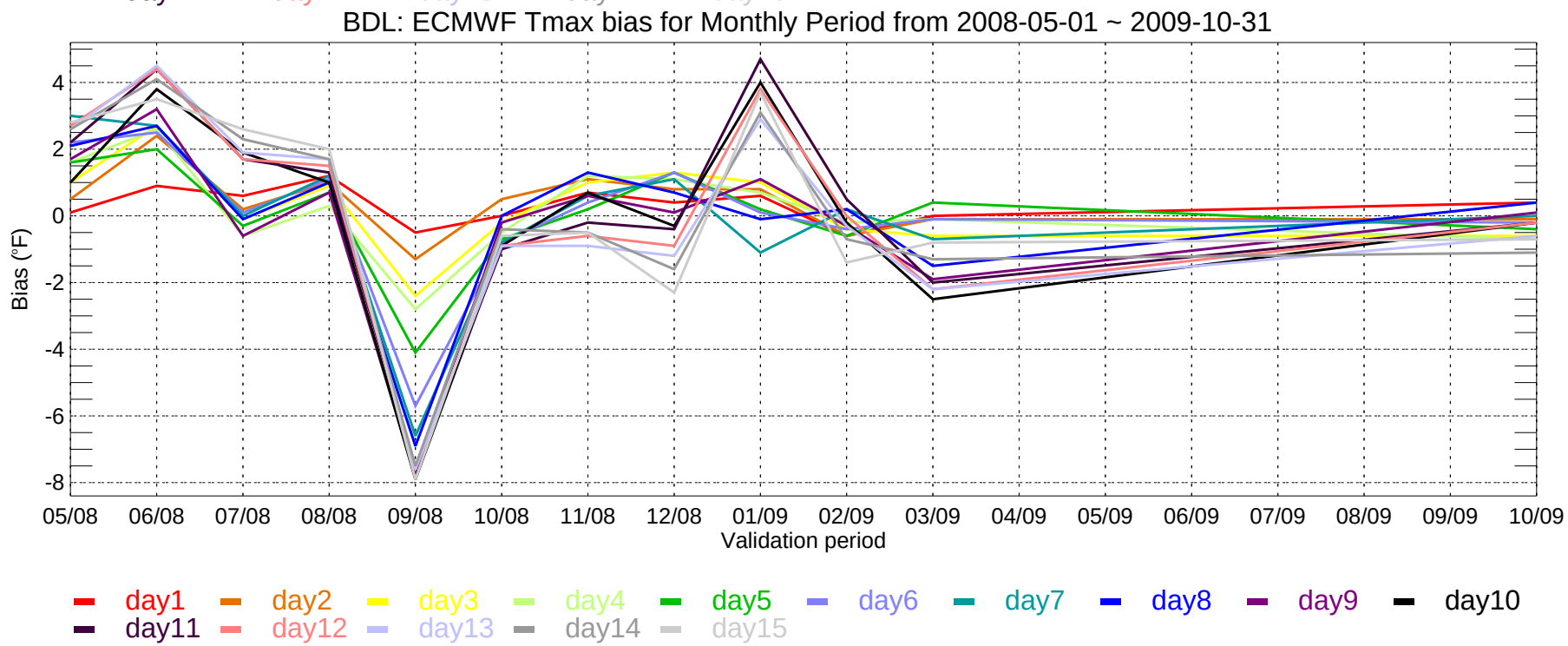
day15


BDL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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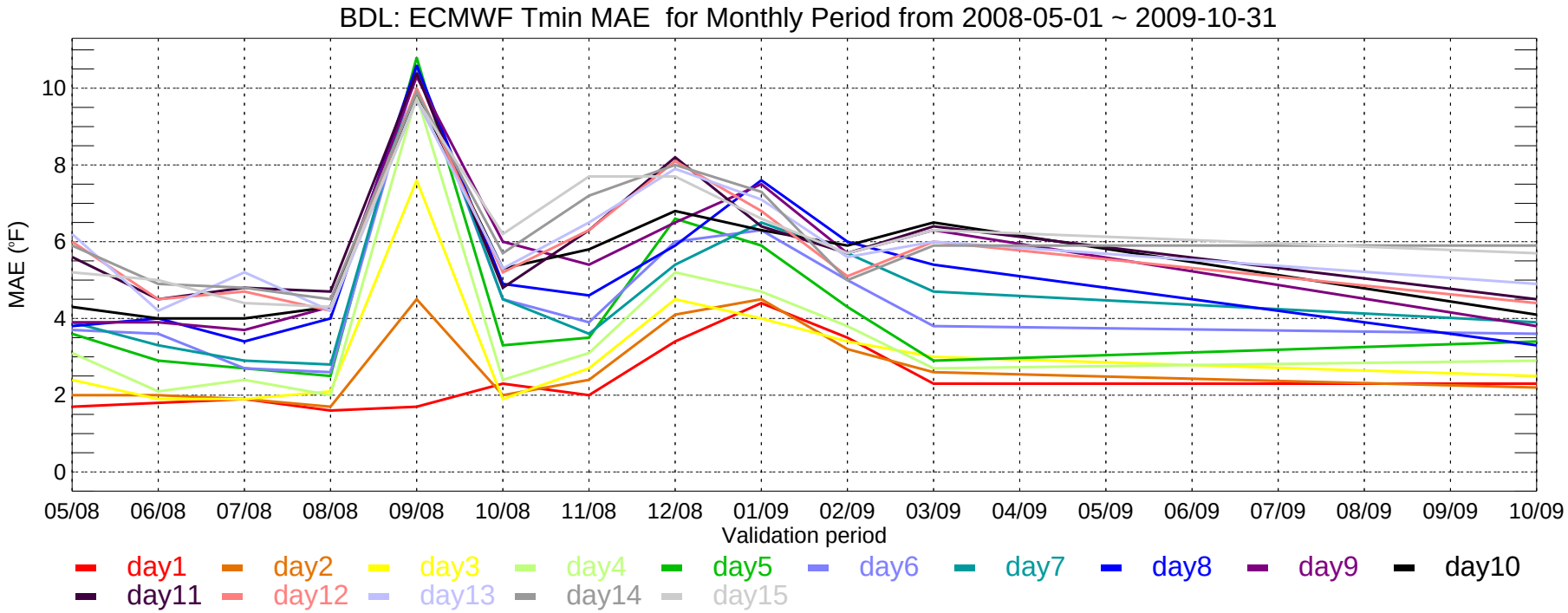
day15


BDL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
day1
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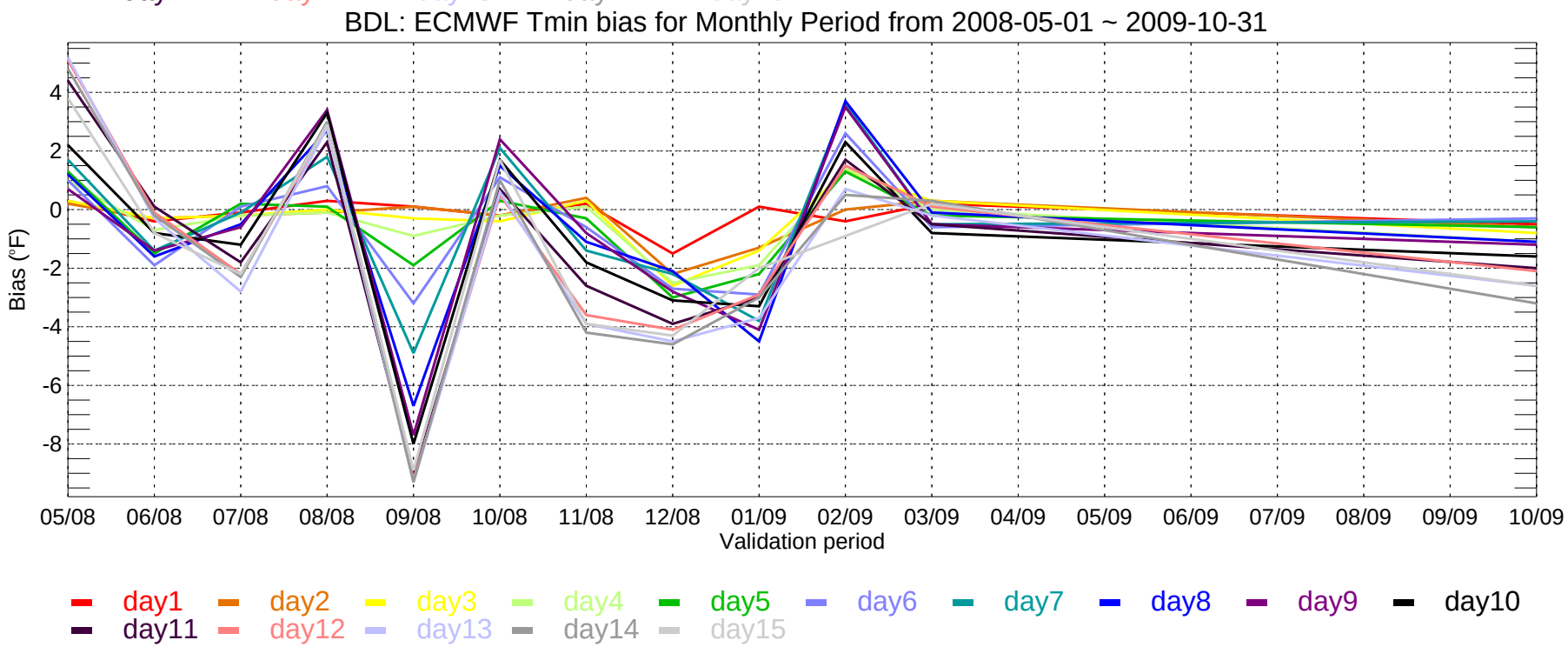
BDL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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10/09
Validation period
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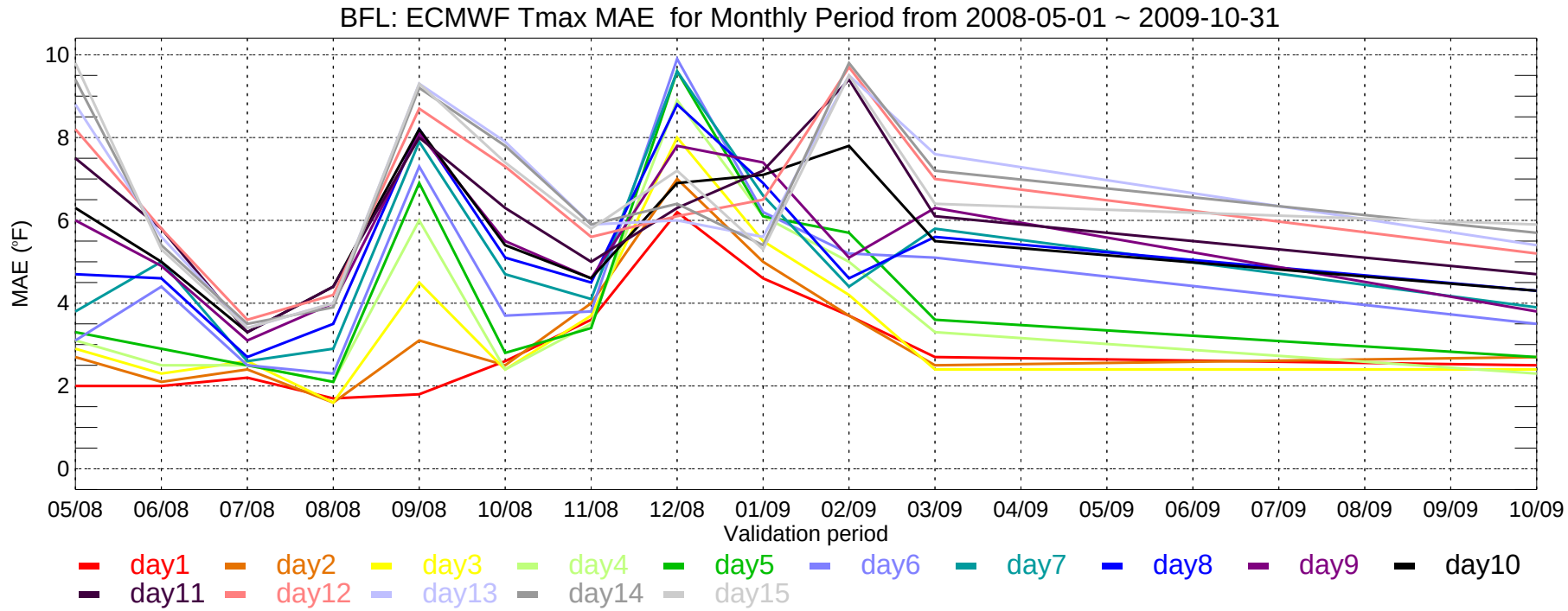
BFL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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08/09
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10/09
Validation period
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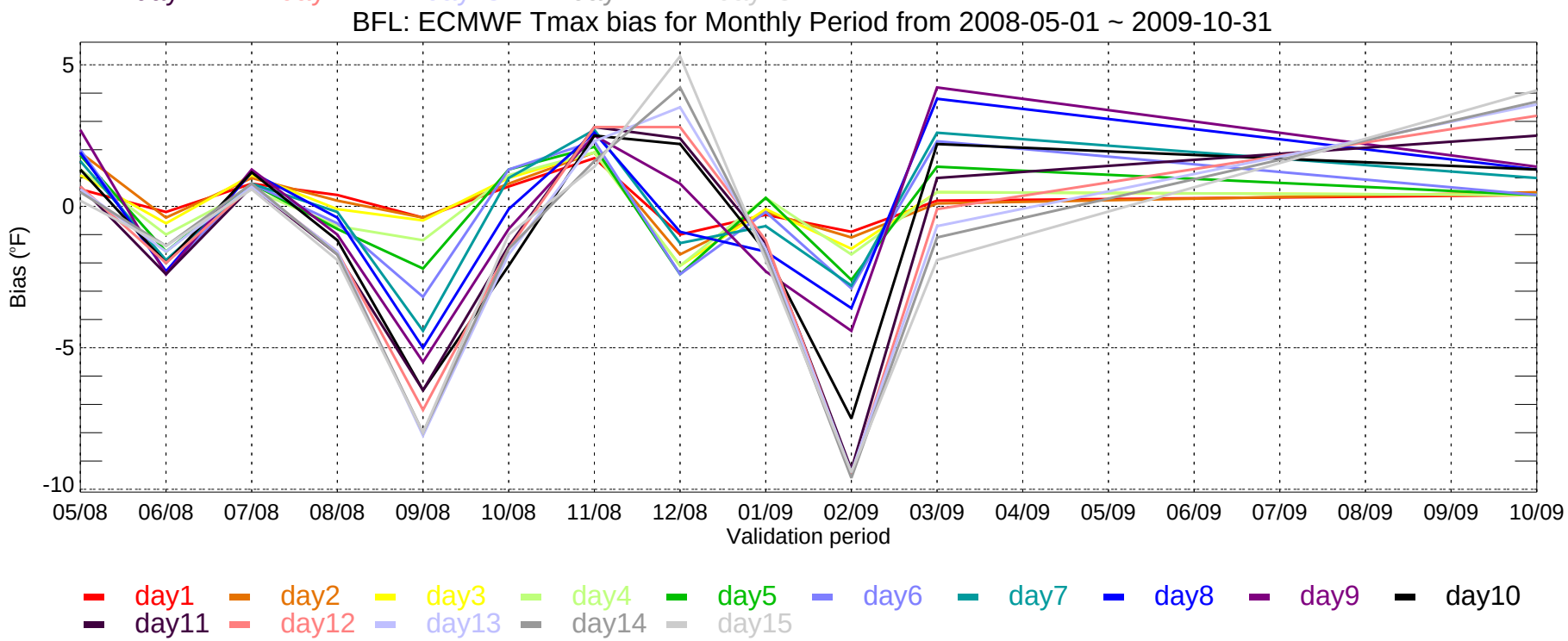
day15


BFL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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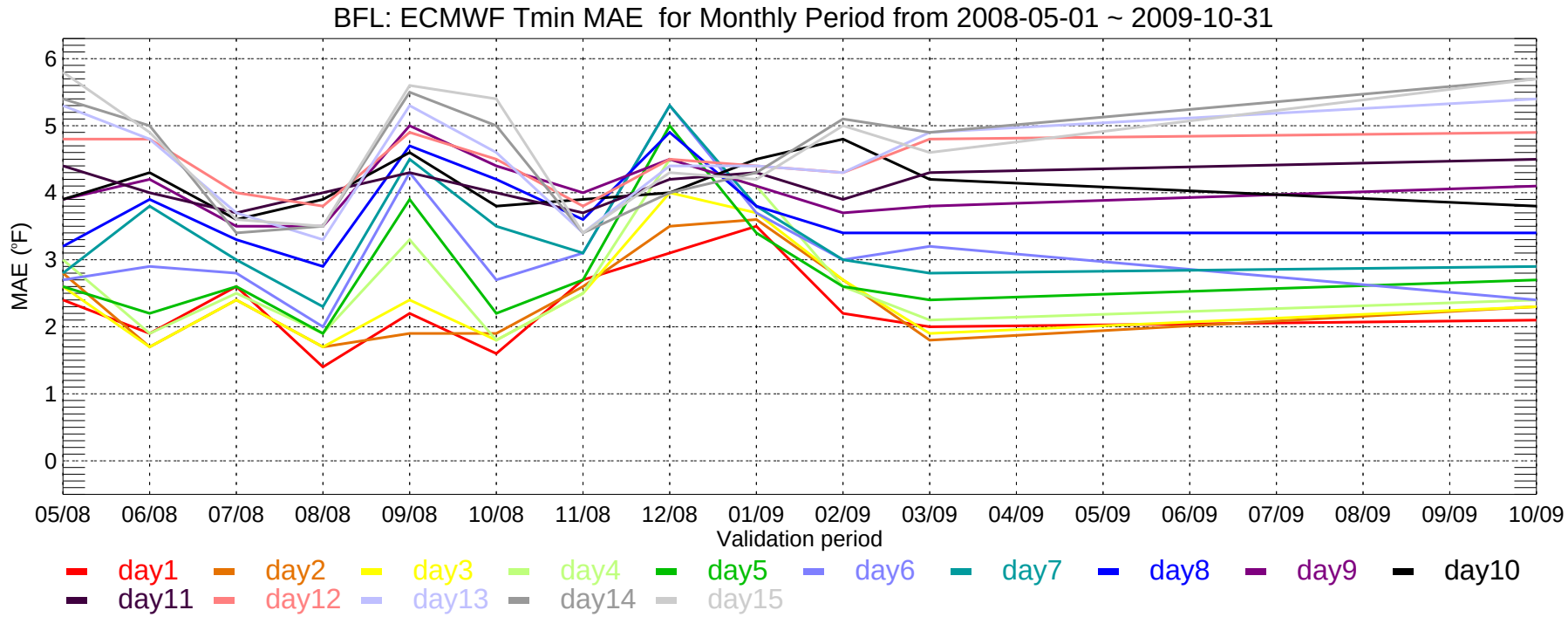
day14
day15


BFL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
1
2
3
4
5
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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day7
day8
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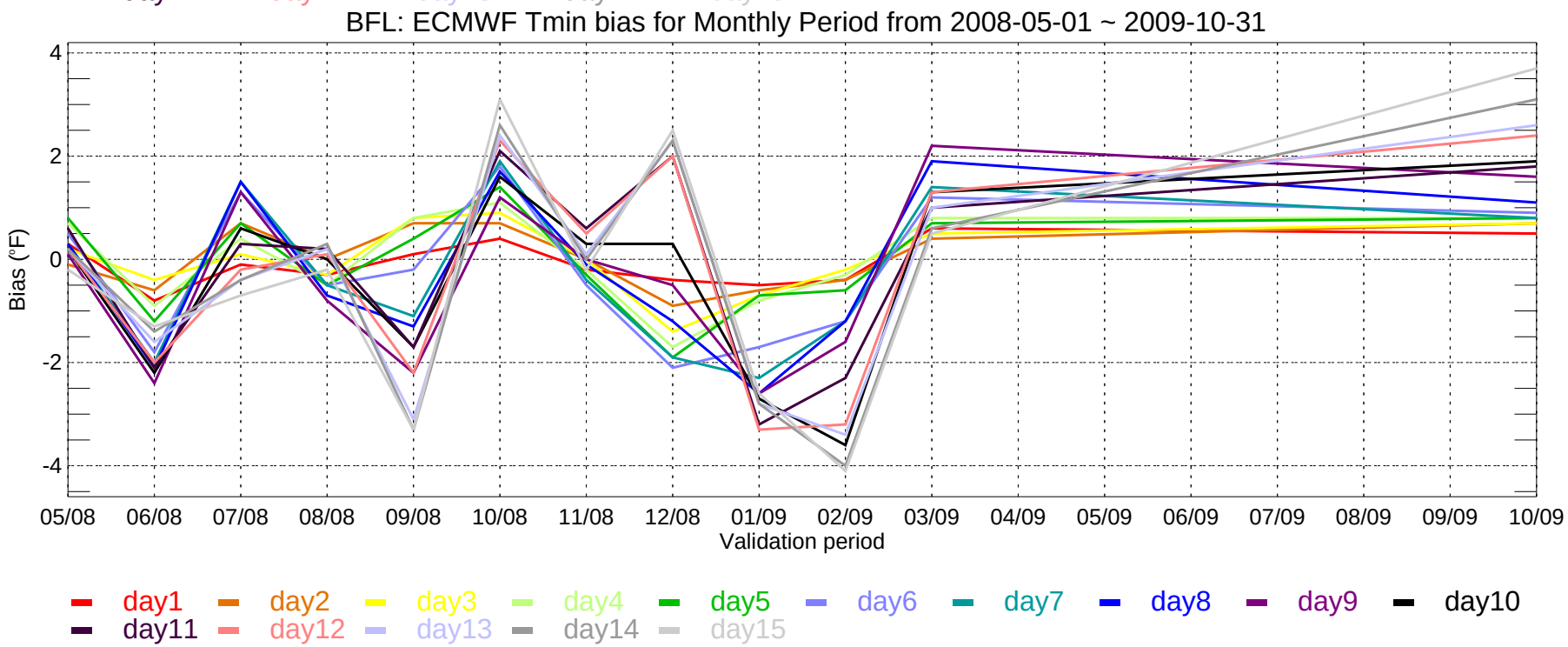
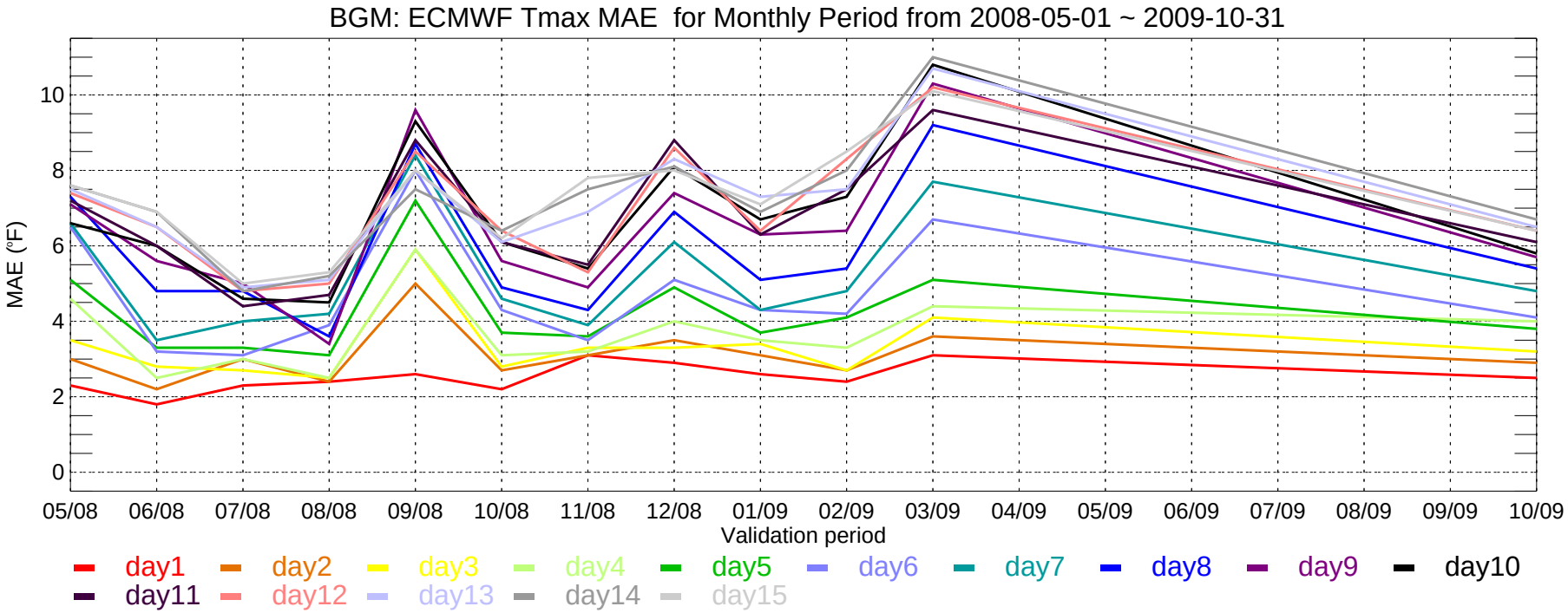
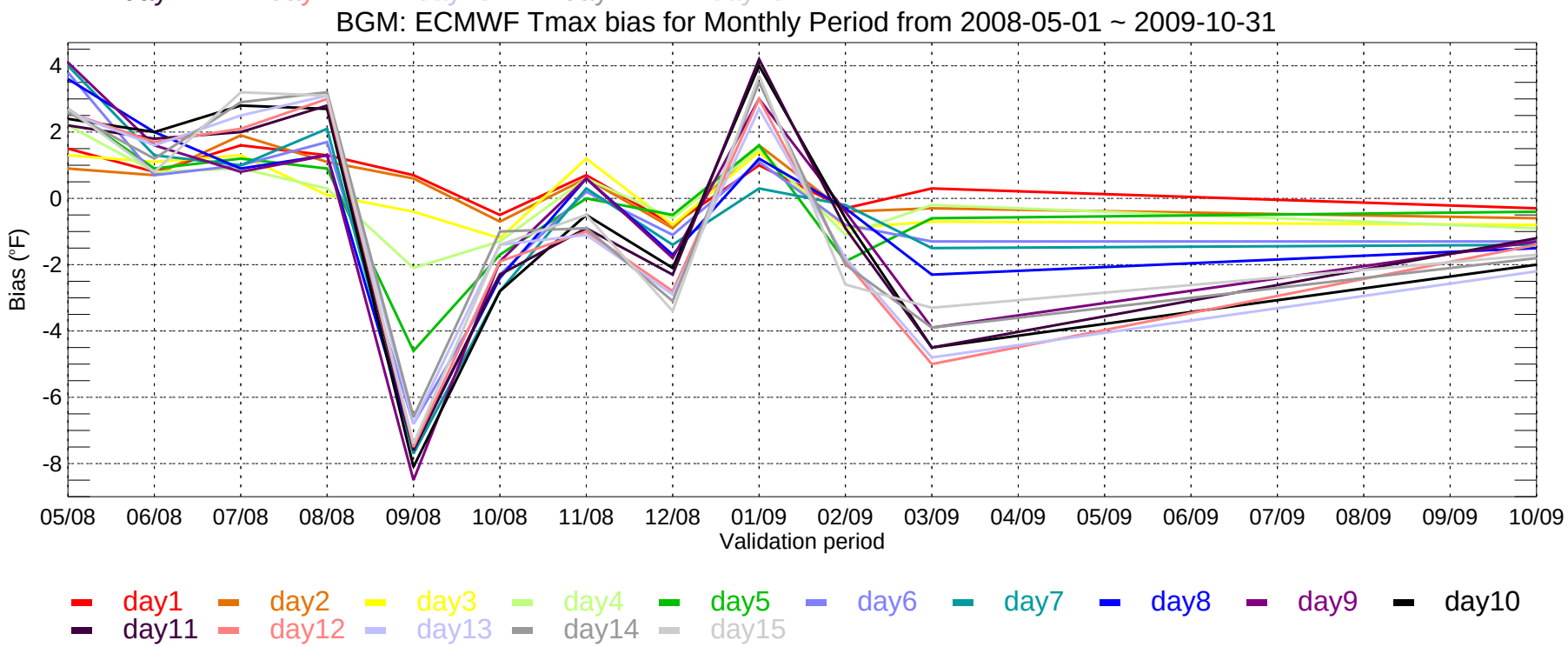
day13
day14
day15


BFL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


BGM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


BGM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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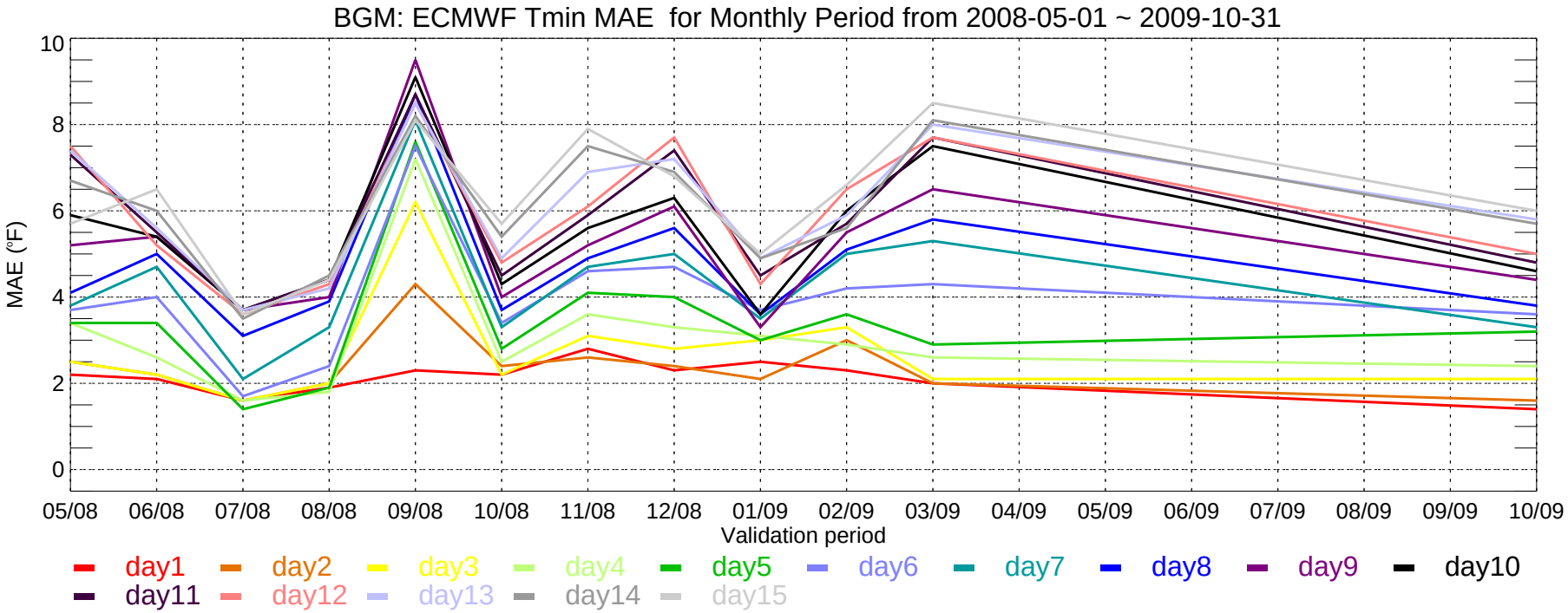
day10
day11
day12
day13
day14
day15


BGM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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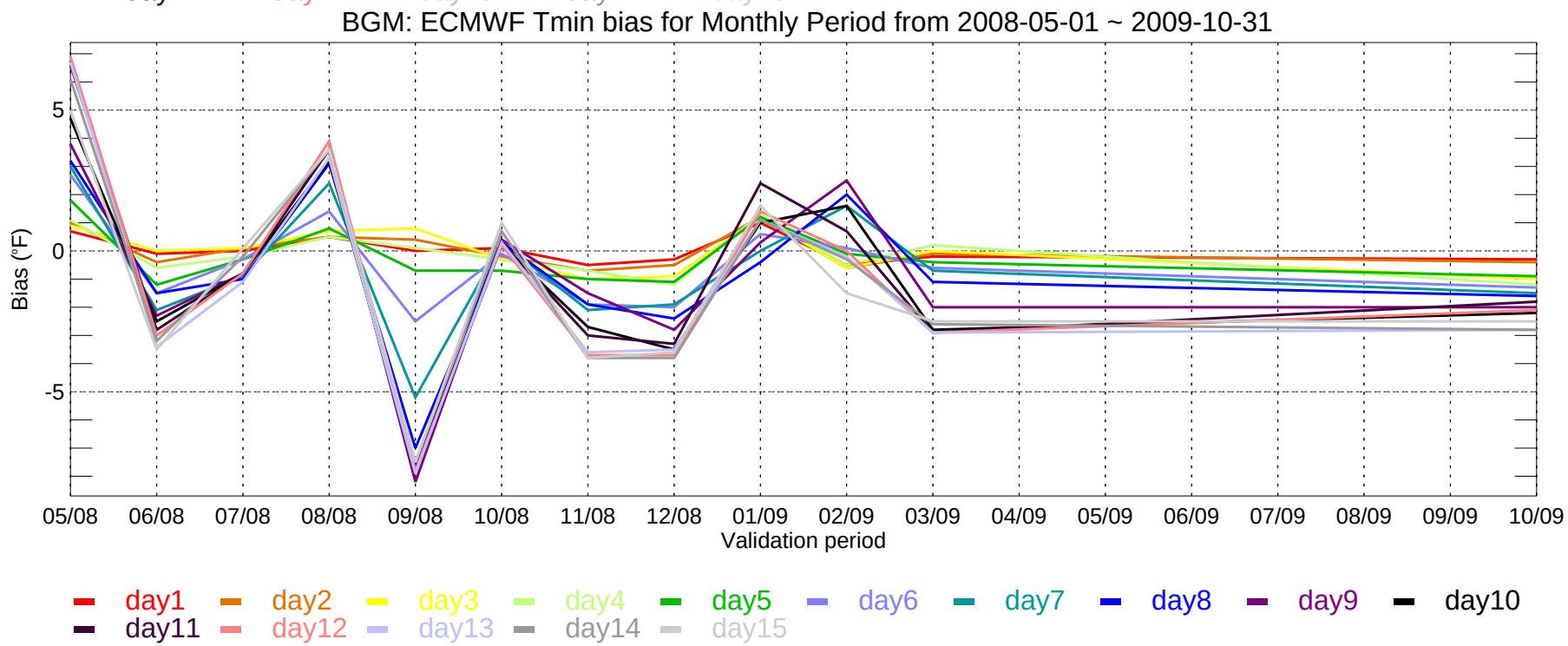
day14
day15


BGM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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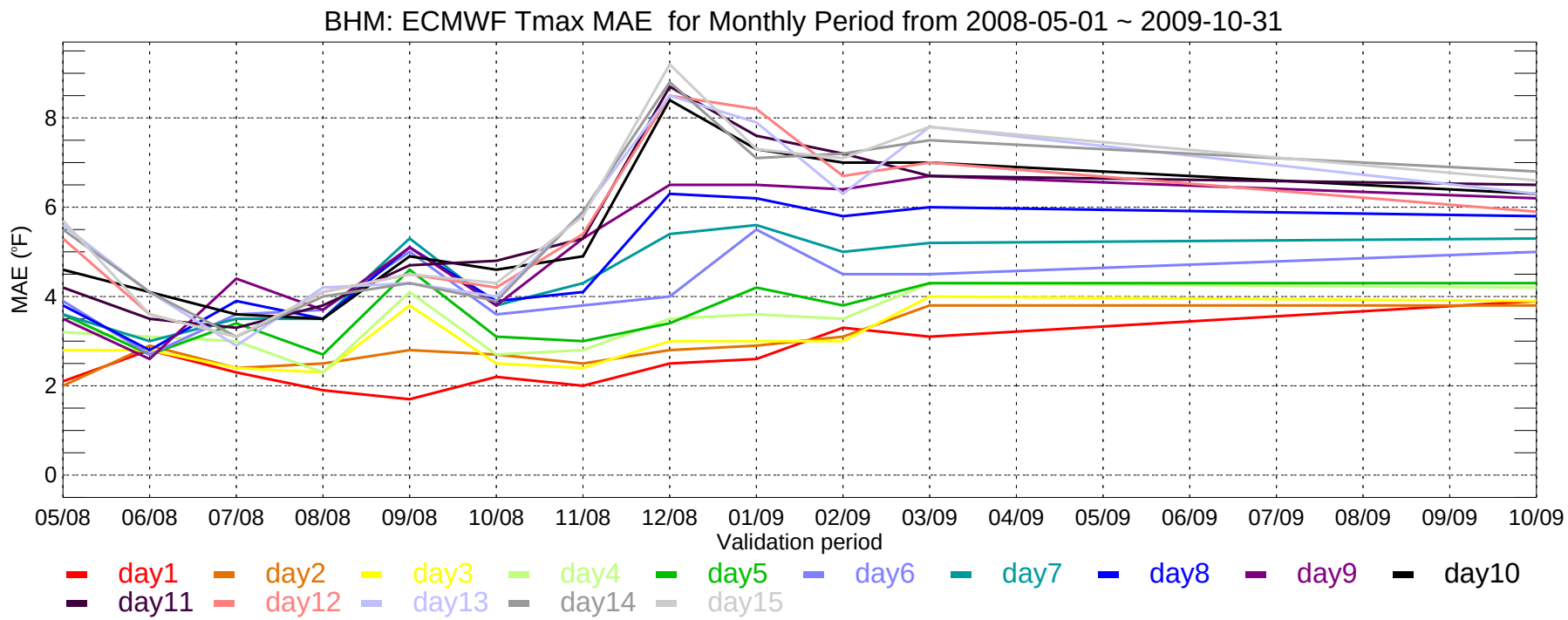
day14
day15


BHM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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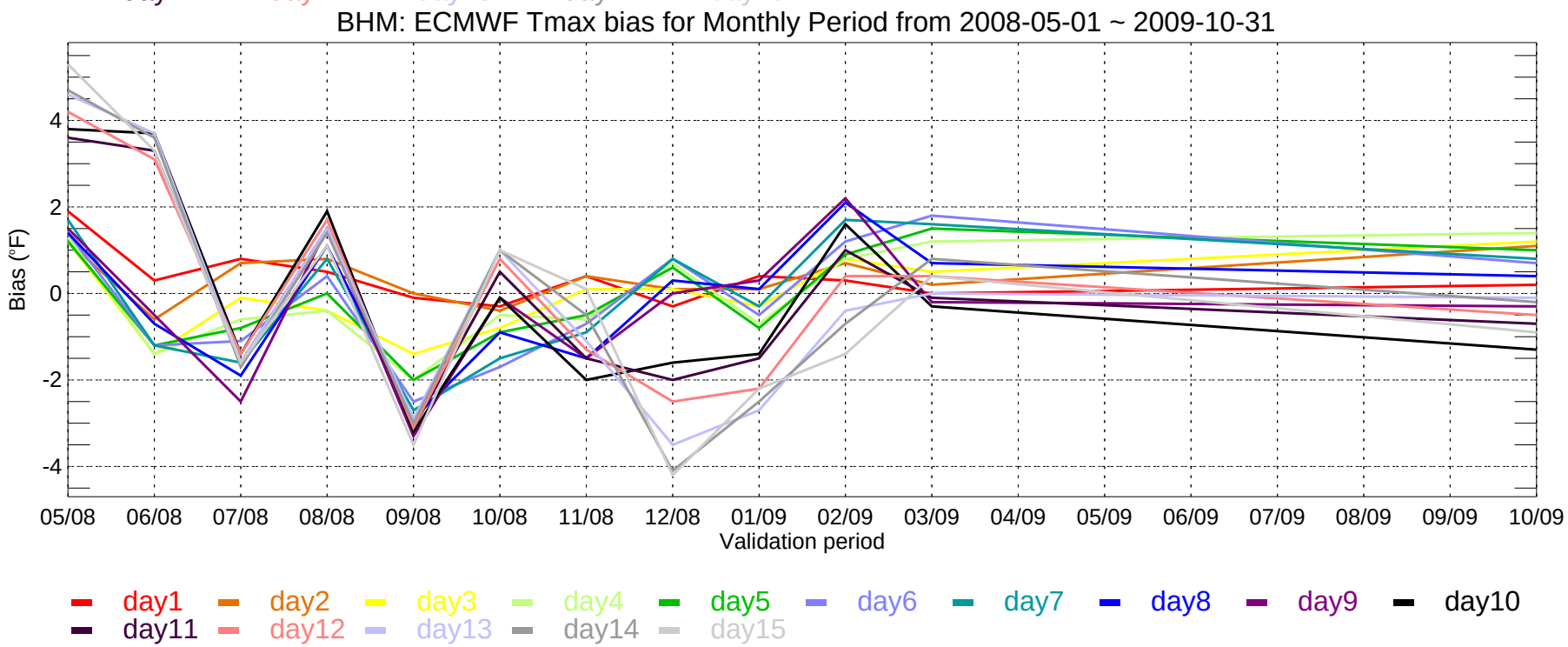
day13
day14
day15


BHM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day7
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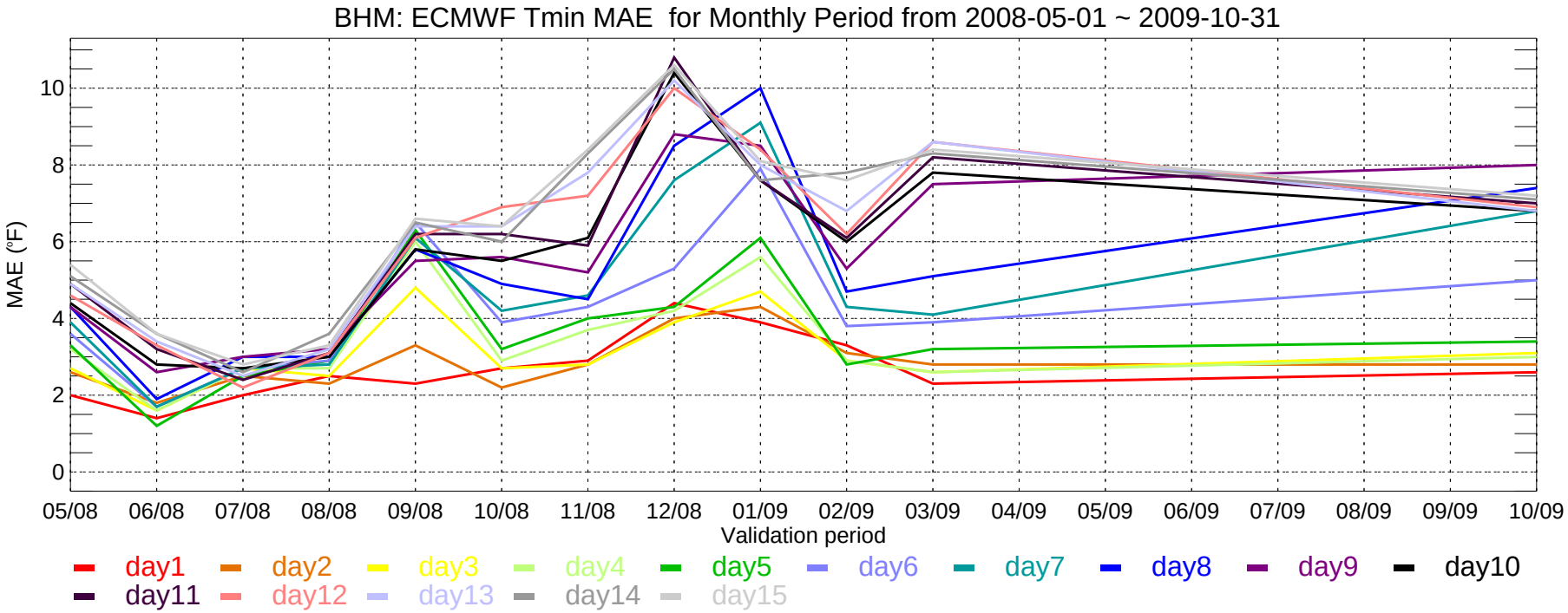
day14
day15


BHM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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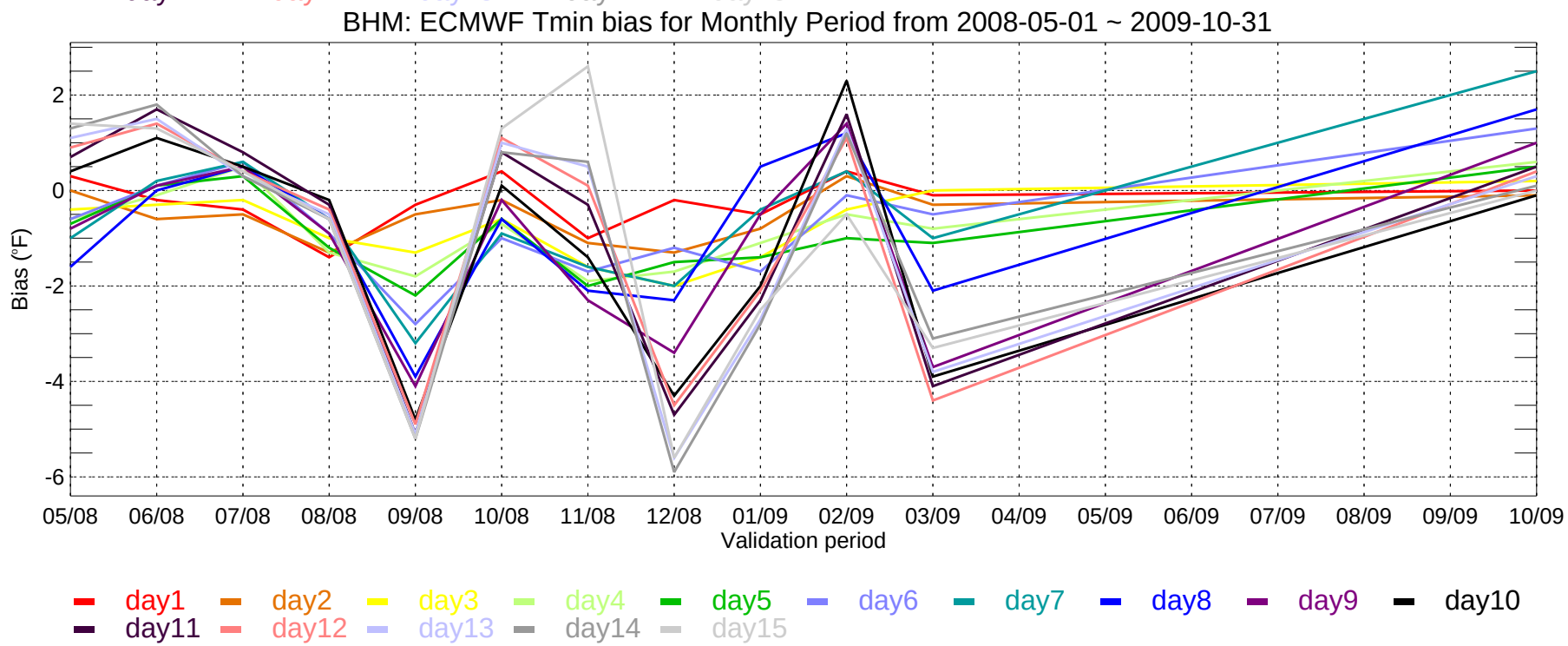
day15


BHM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day10
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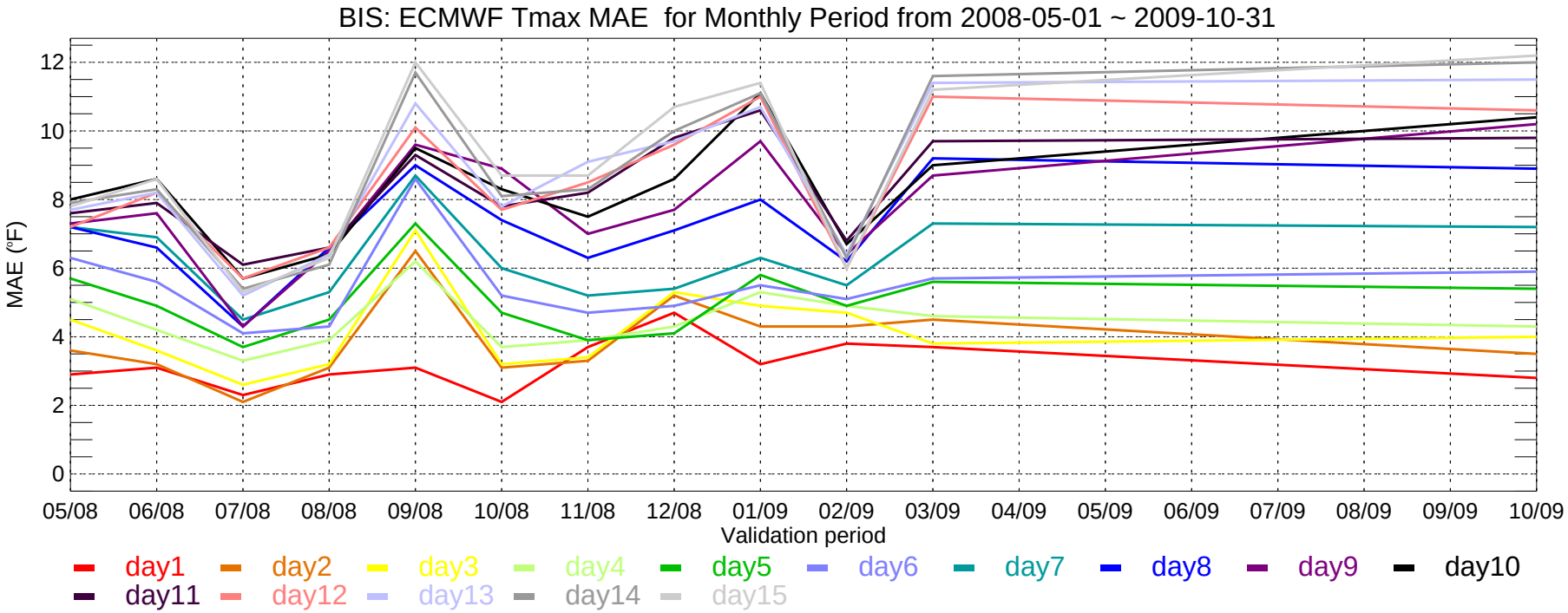
day13
day14
day15


BIS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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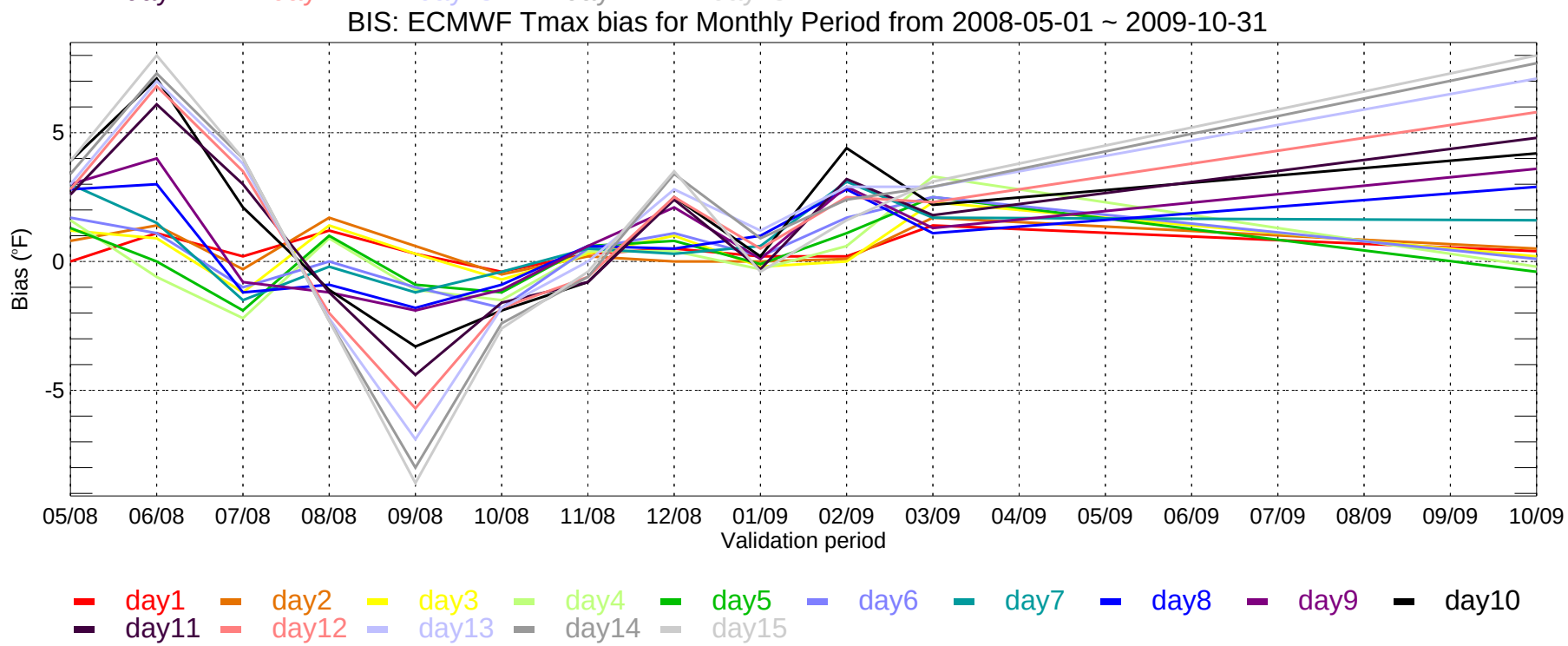
day13
day14
day15


BIS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-5
0
5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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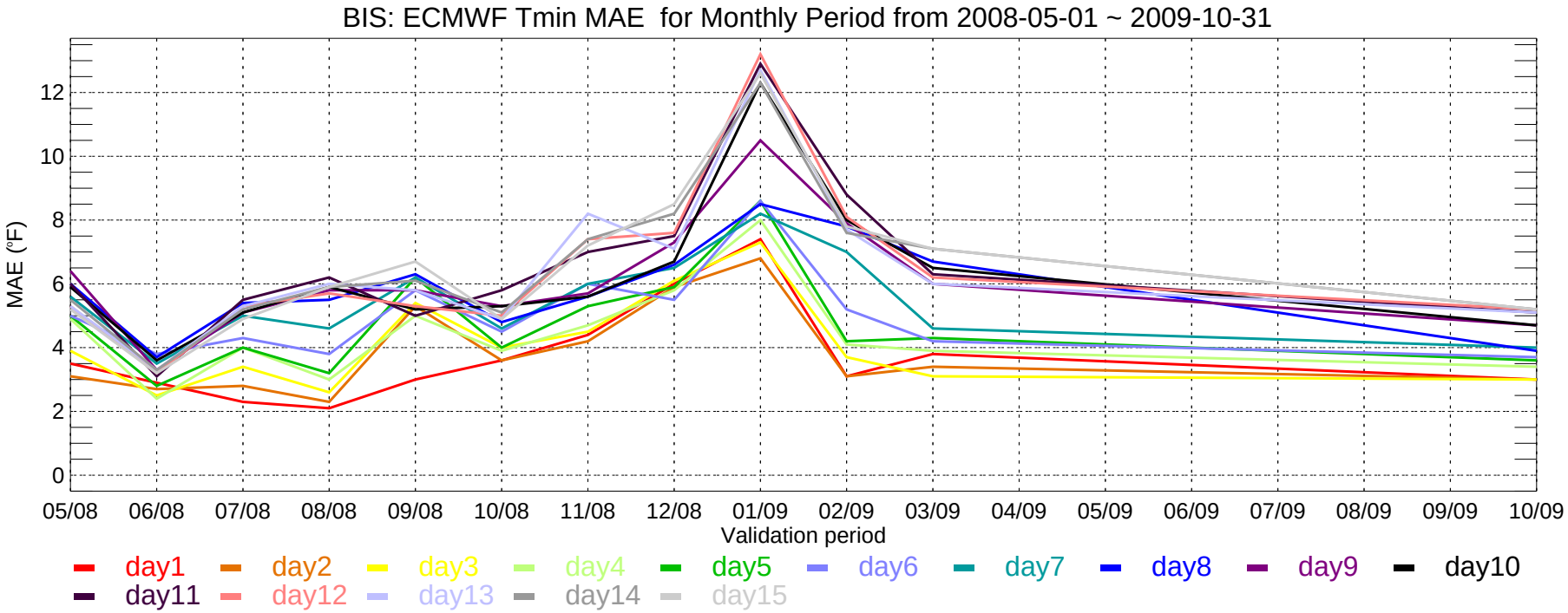
day15


BIS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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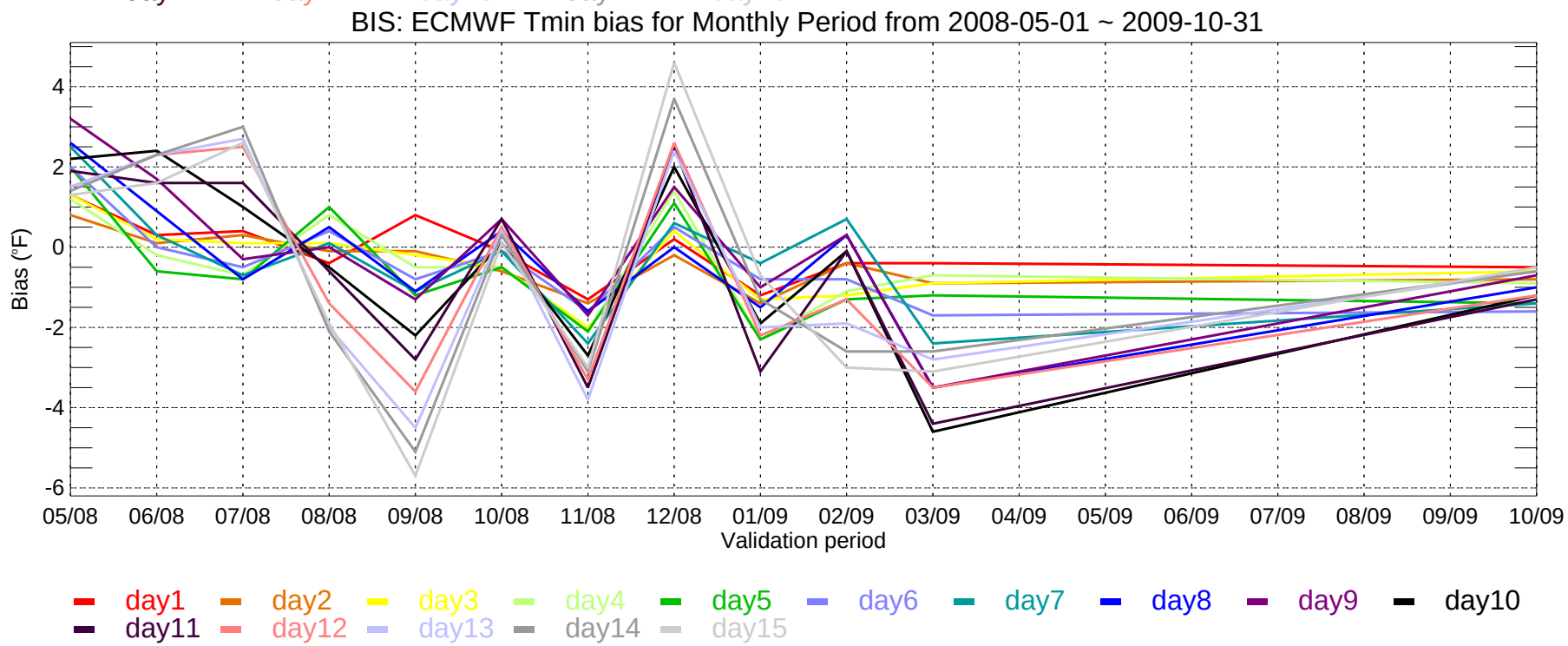
day15


BIS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-6
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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09/09
10/09
Validation period
day1
day2
day3
day4
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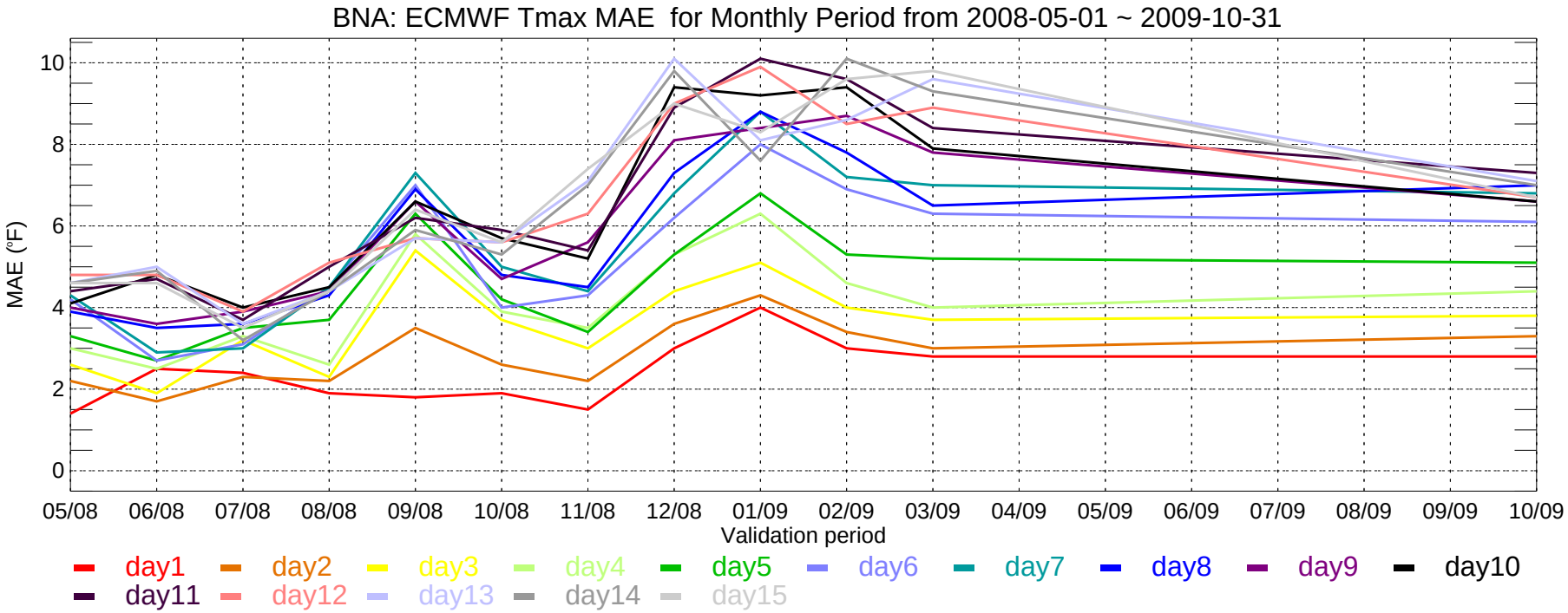
day14
day15


BNA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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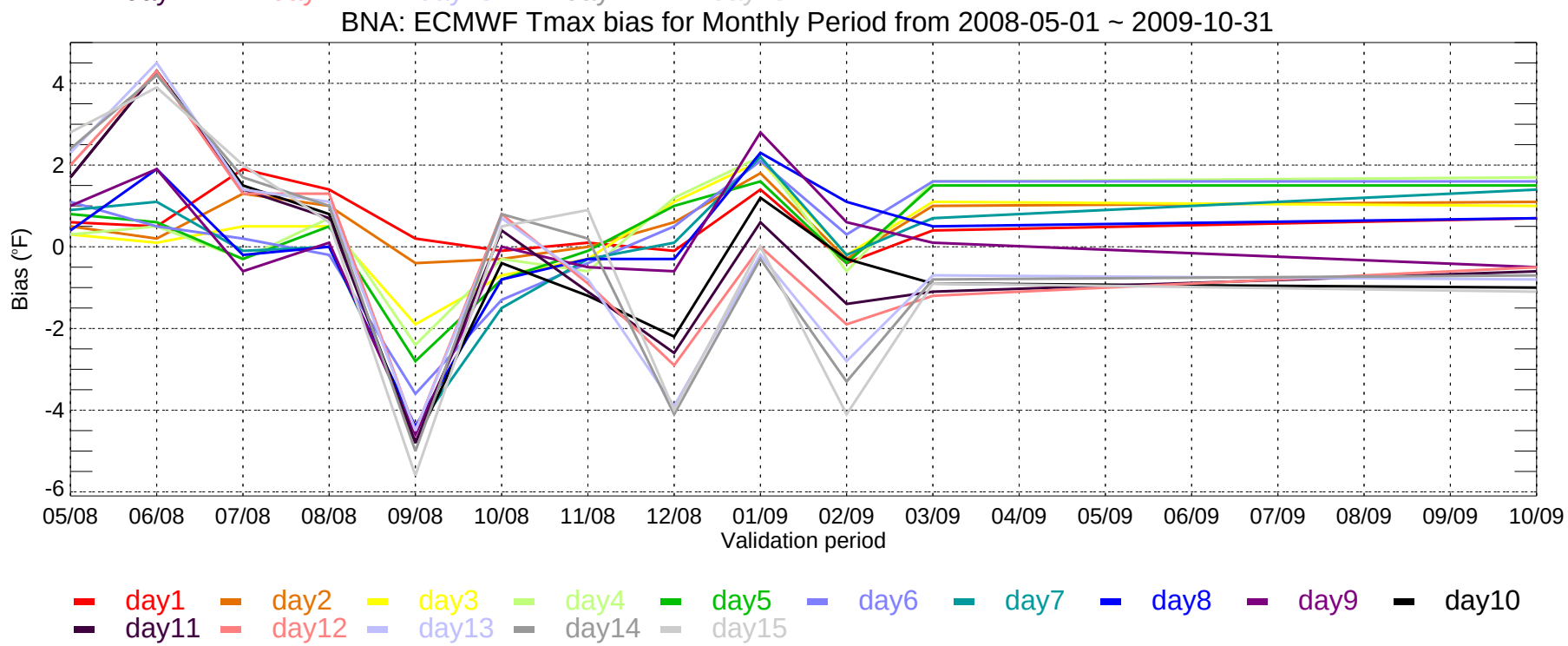
day14
day15


BNA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
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day8
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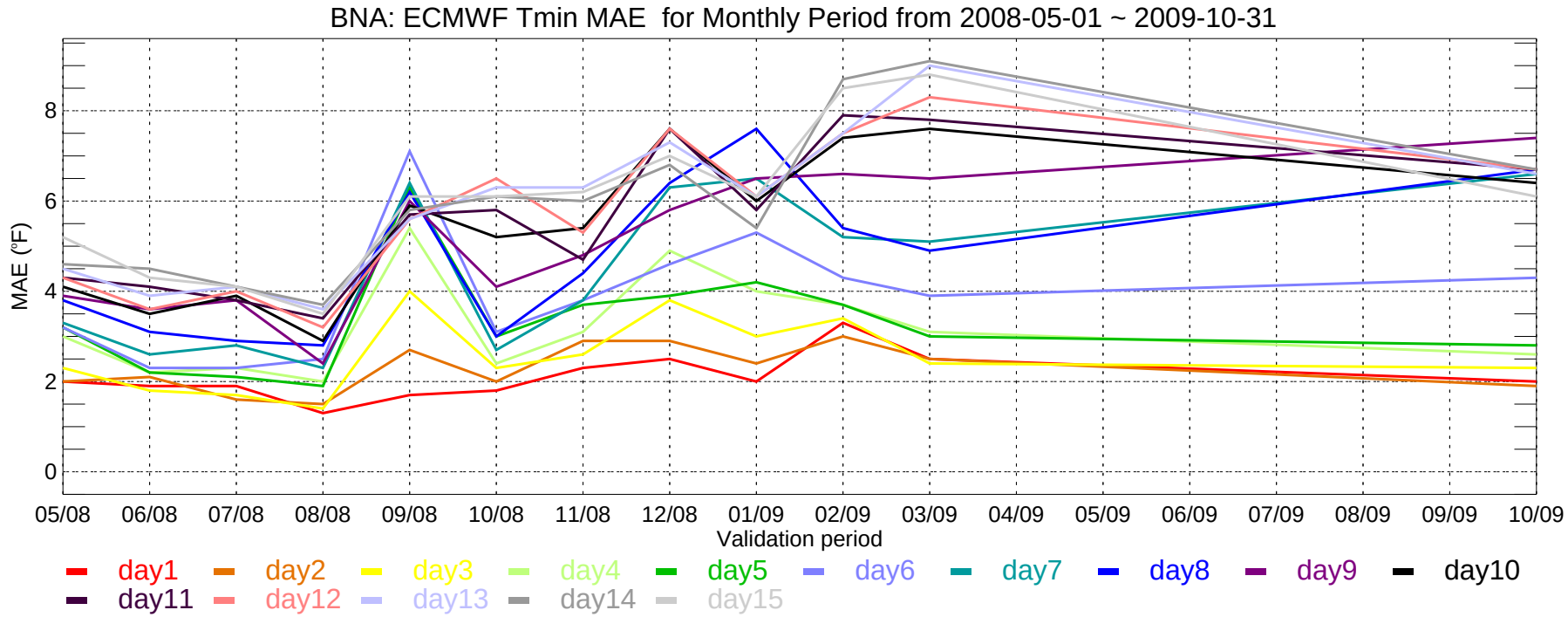
day13
day14
day15


BNA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
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08/09
09/09
10/09
Validation period
day1
day2
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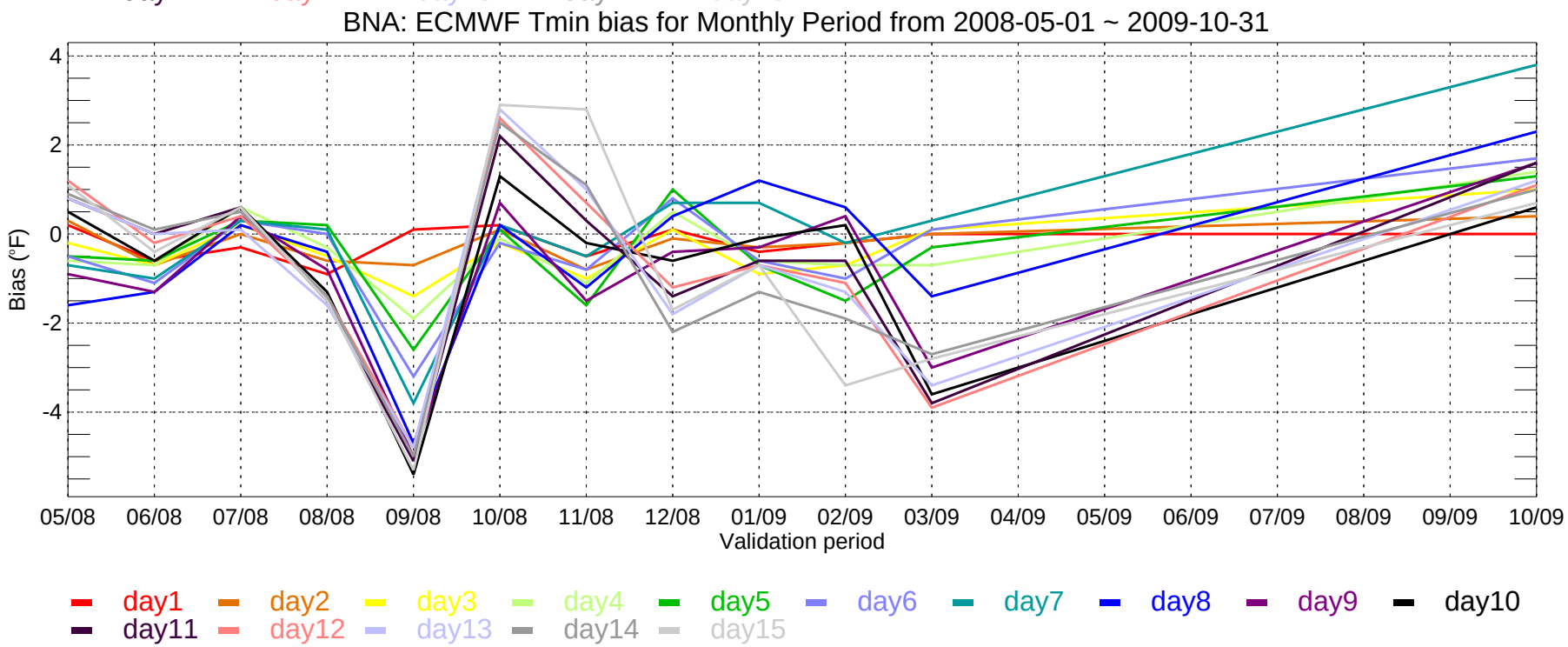
day14
day15


BNA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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08/09
09/09
10/09
Validation period
day1
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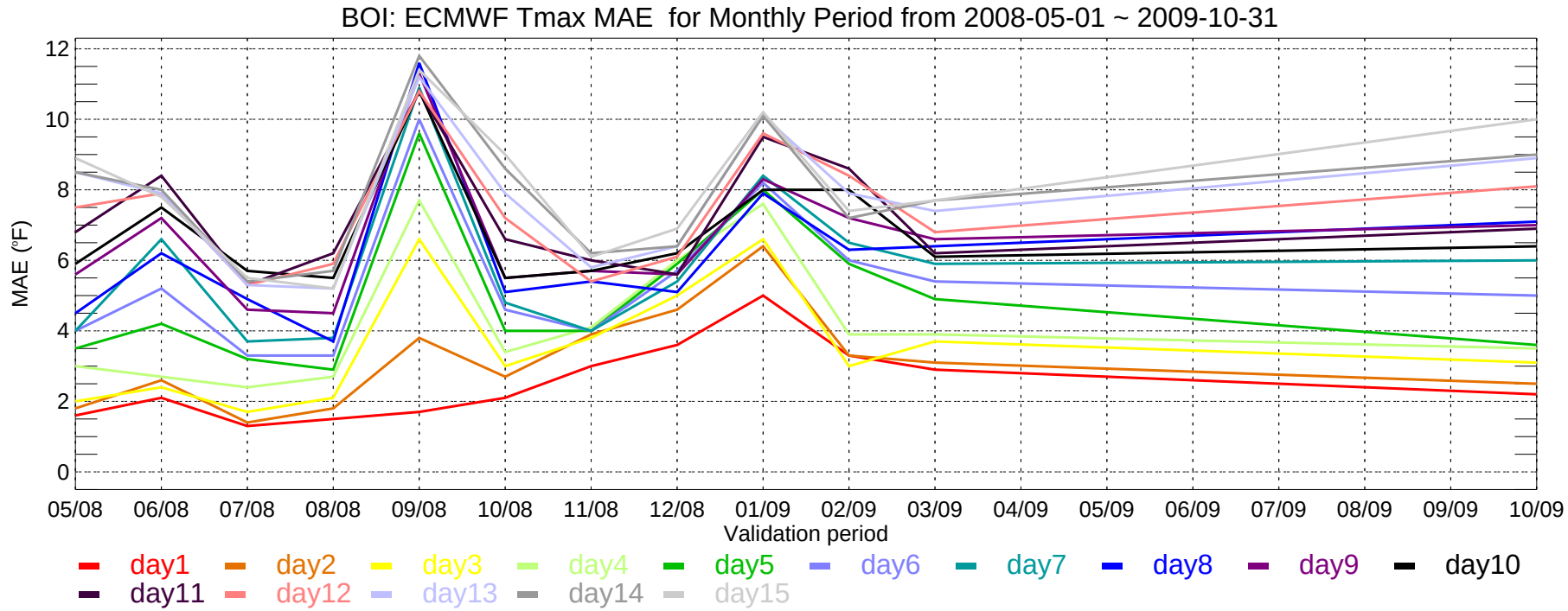
day15


BOI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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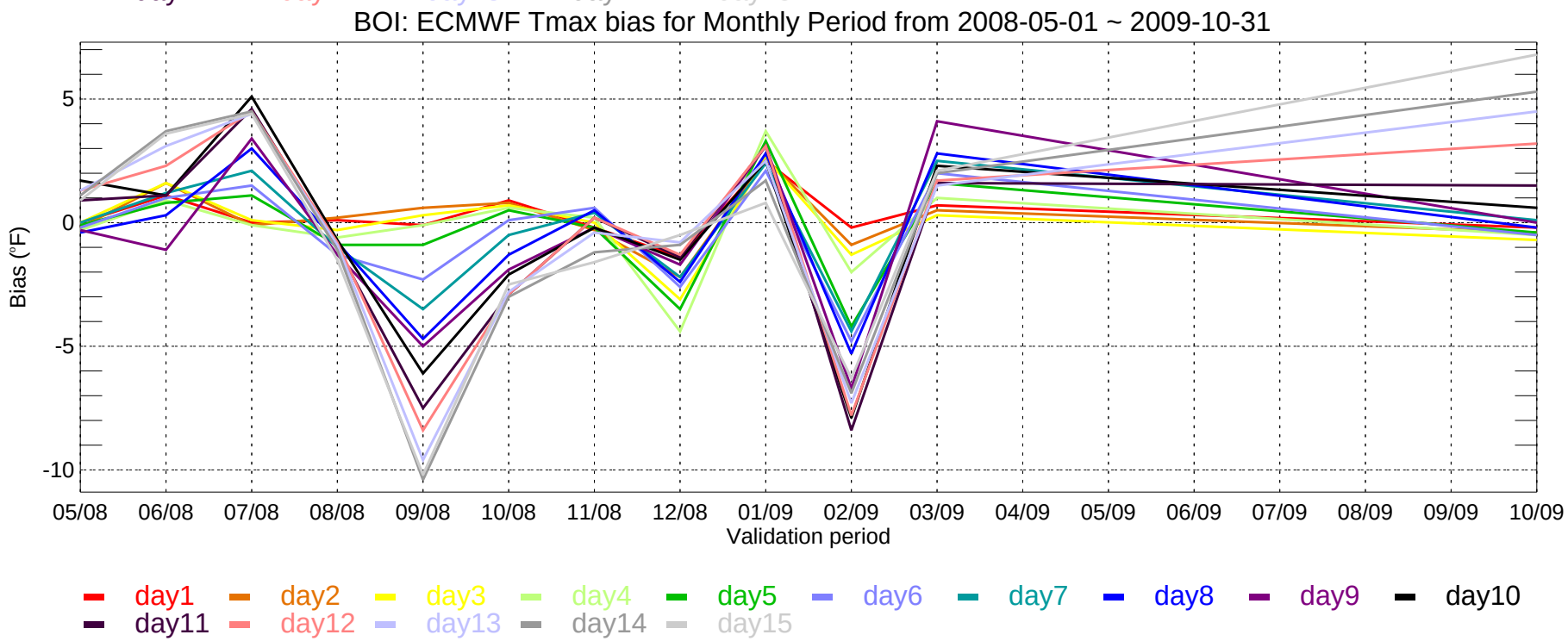
day14
day15


BOI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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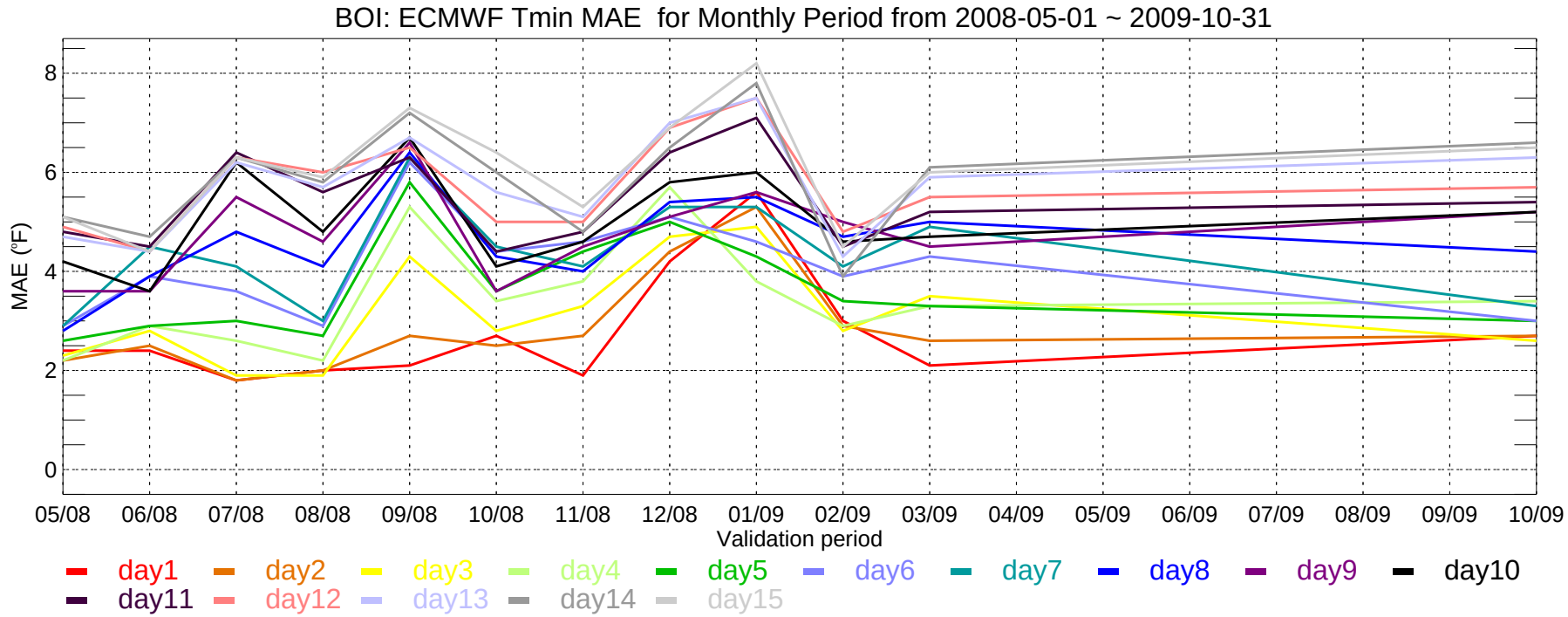
day14
day15


BOI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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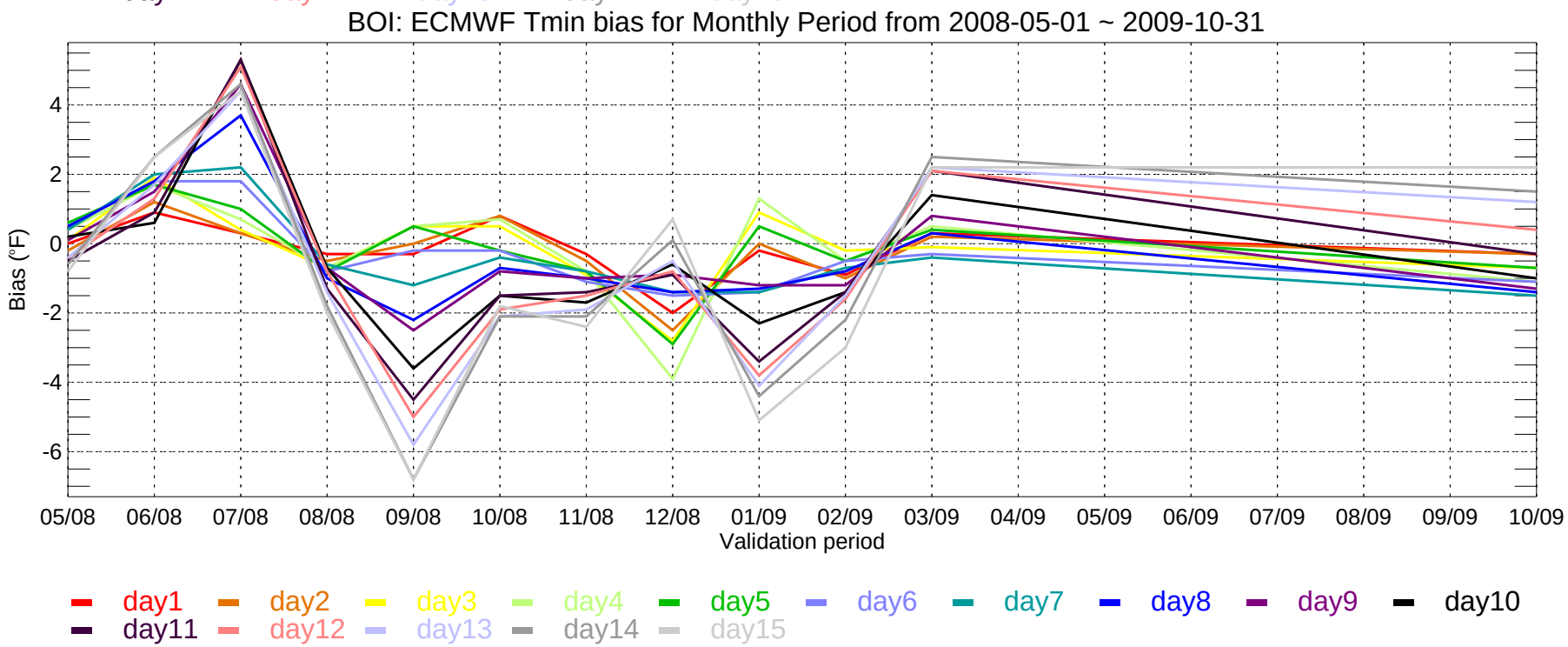
day15


BOI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
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10/09
Validation period
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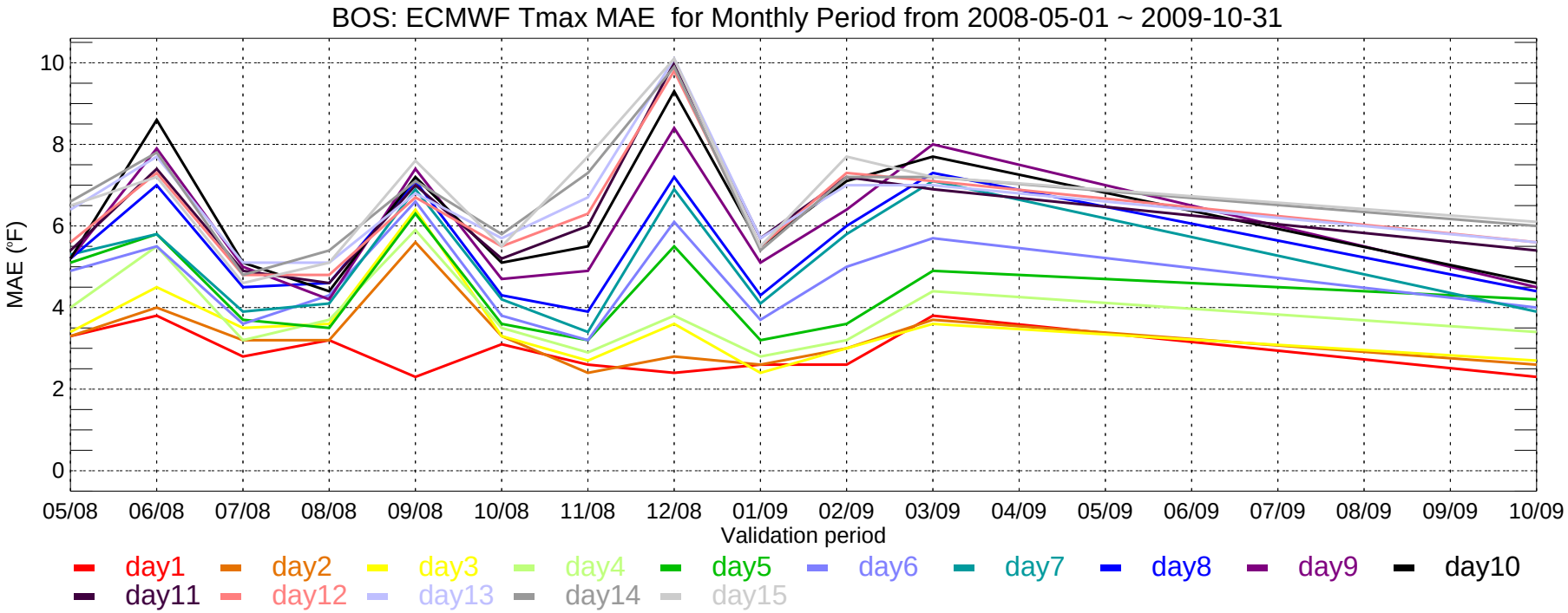
day15


BOS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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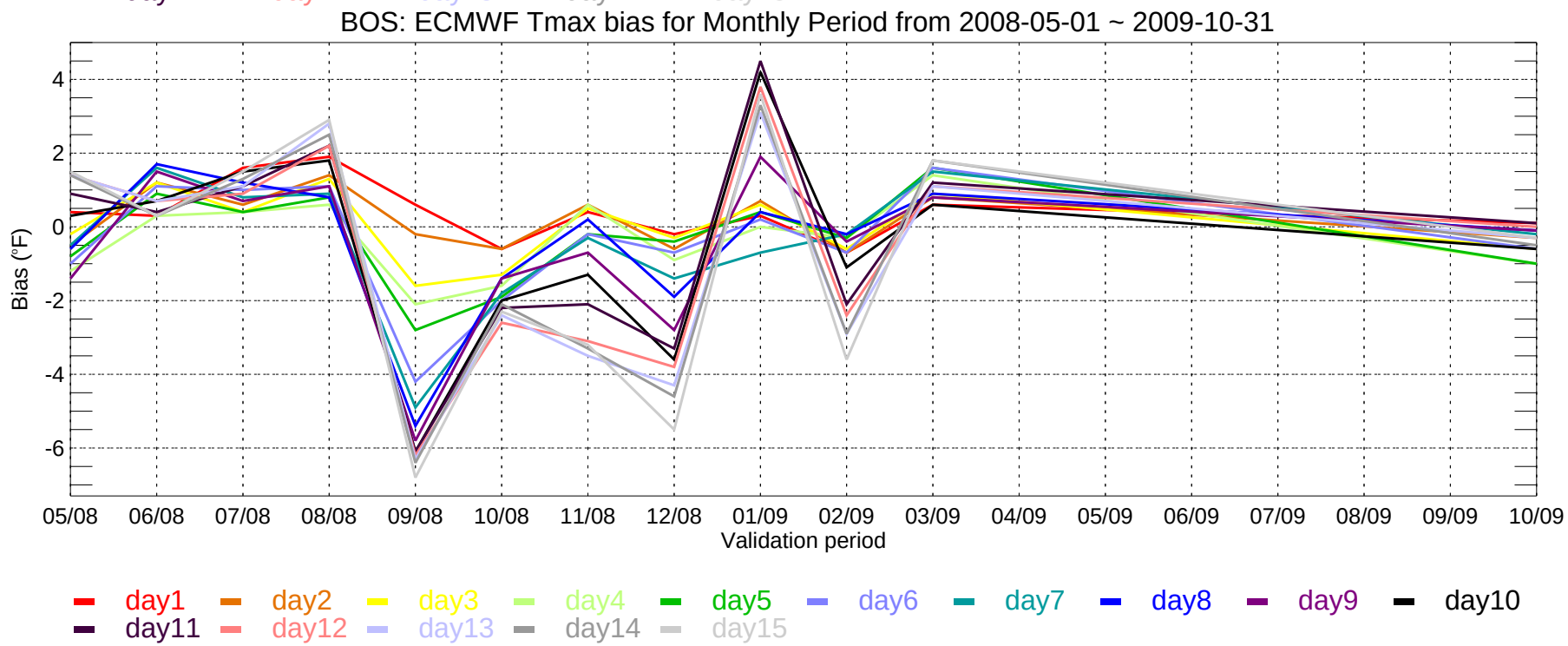
day14
day15


BOS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
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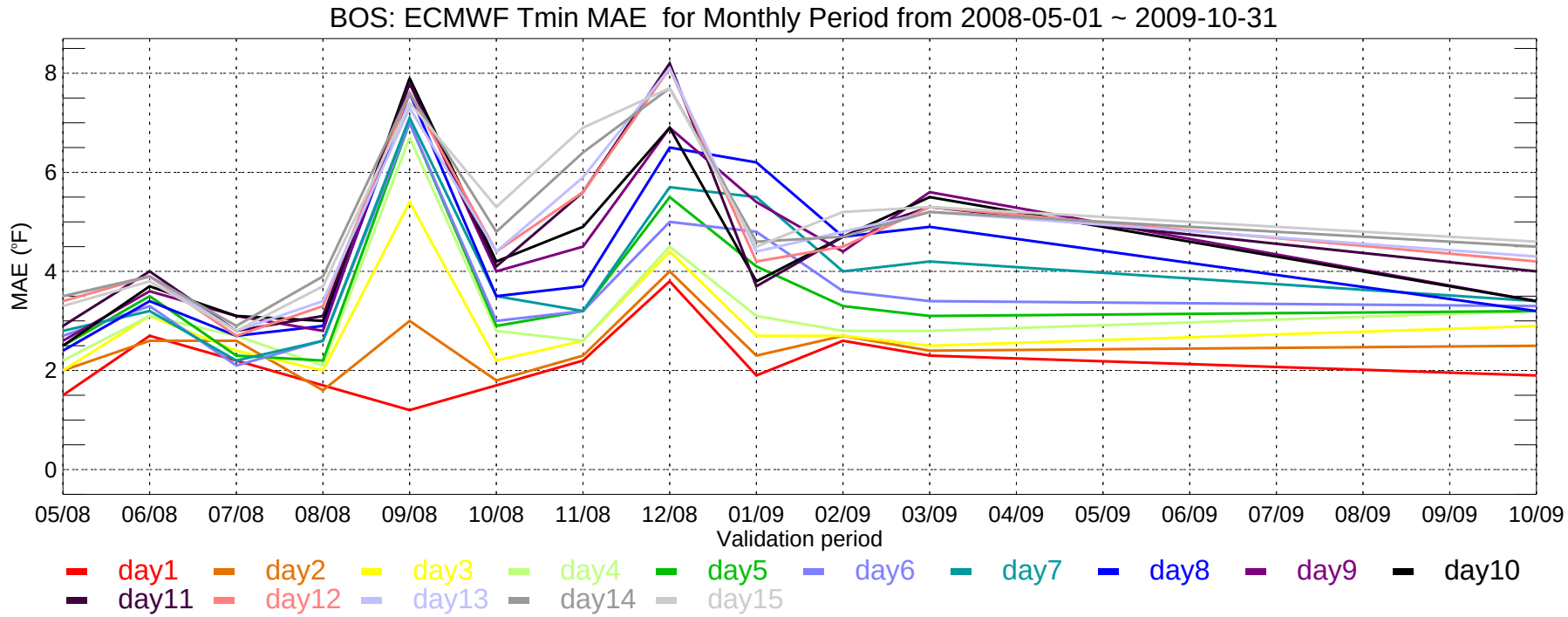
day13
day14
day15


BOS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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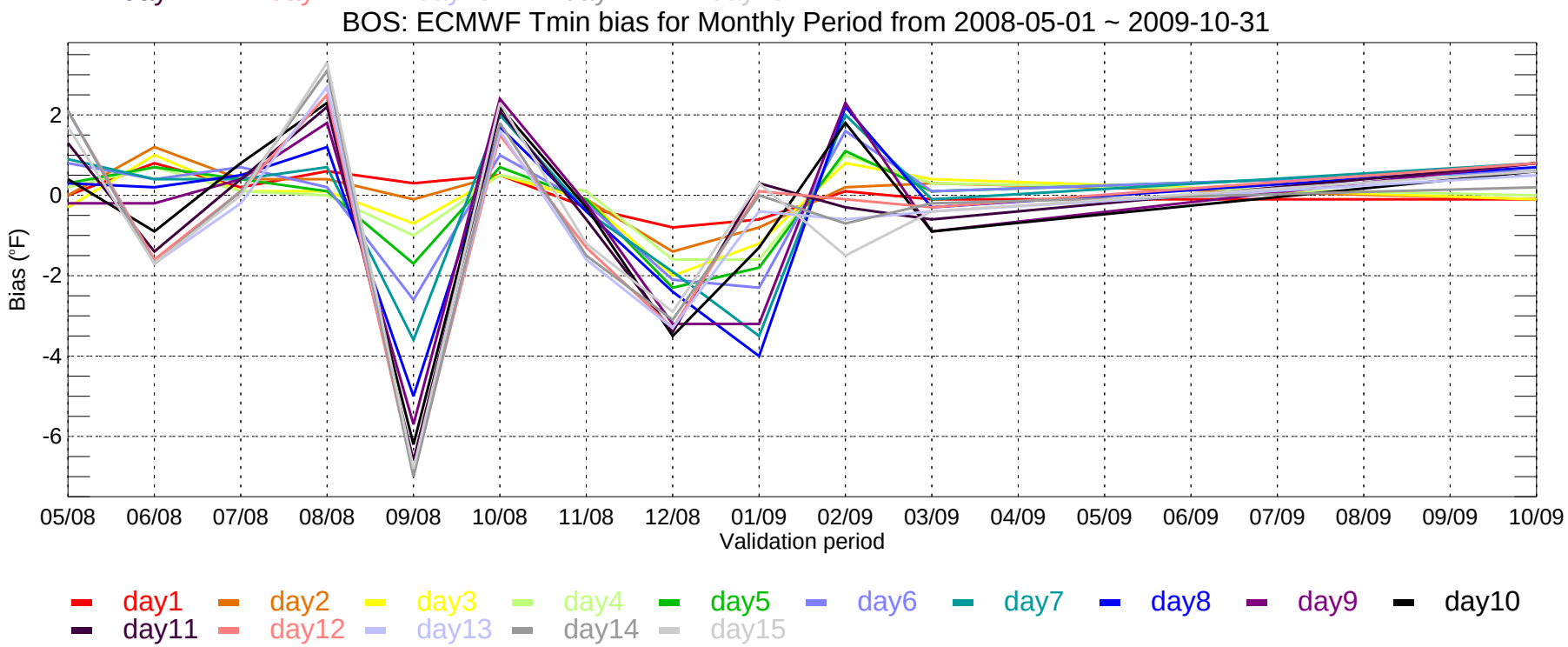
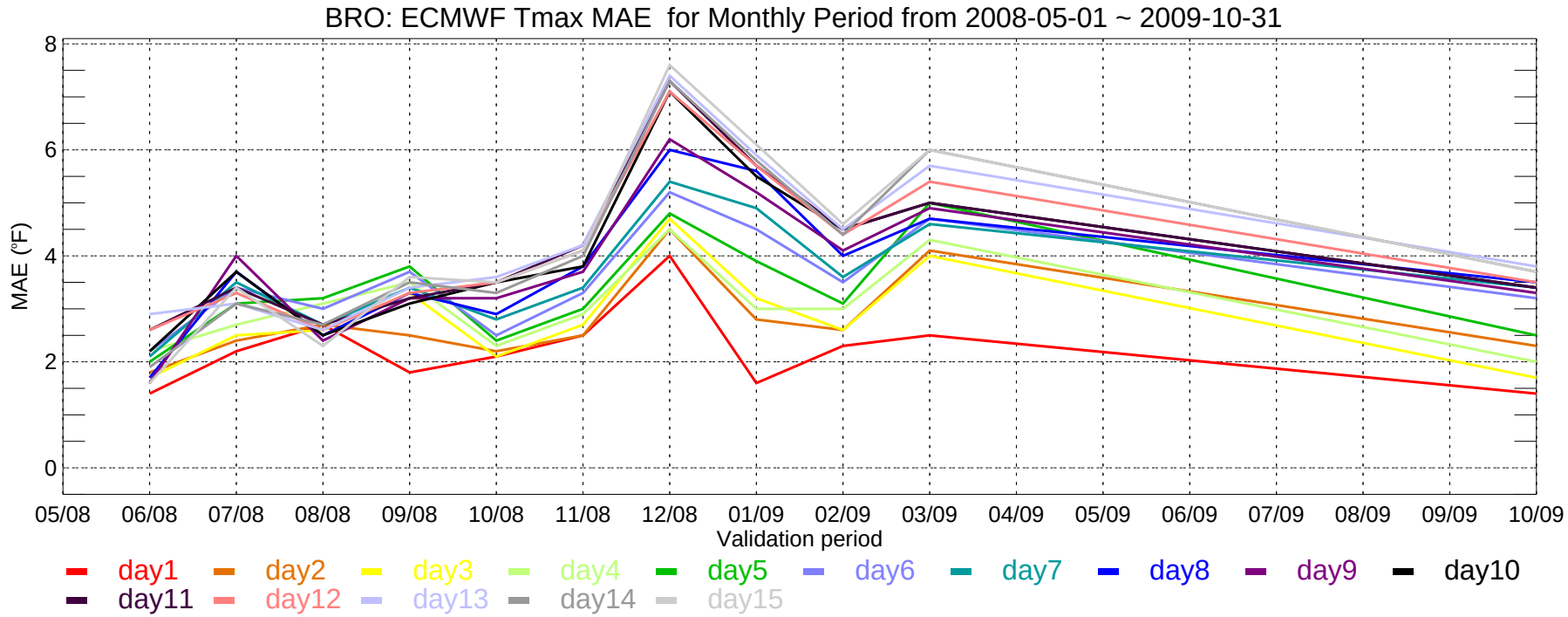
day13
day14
day15


BOS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


BRO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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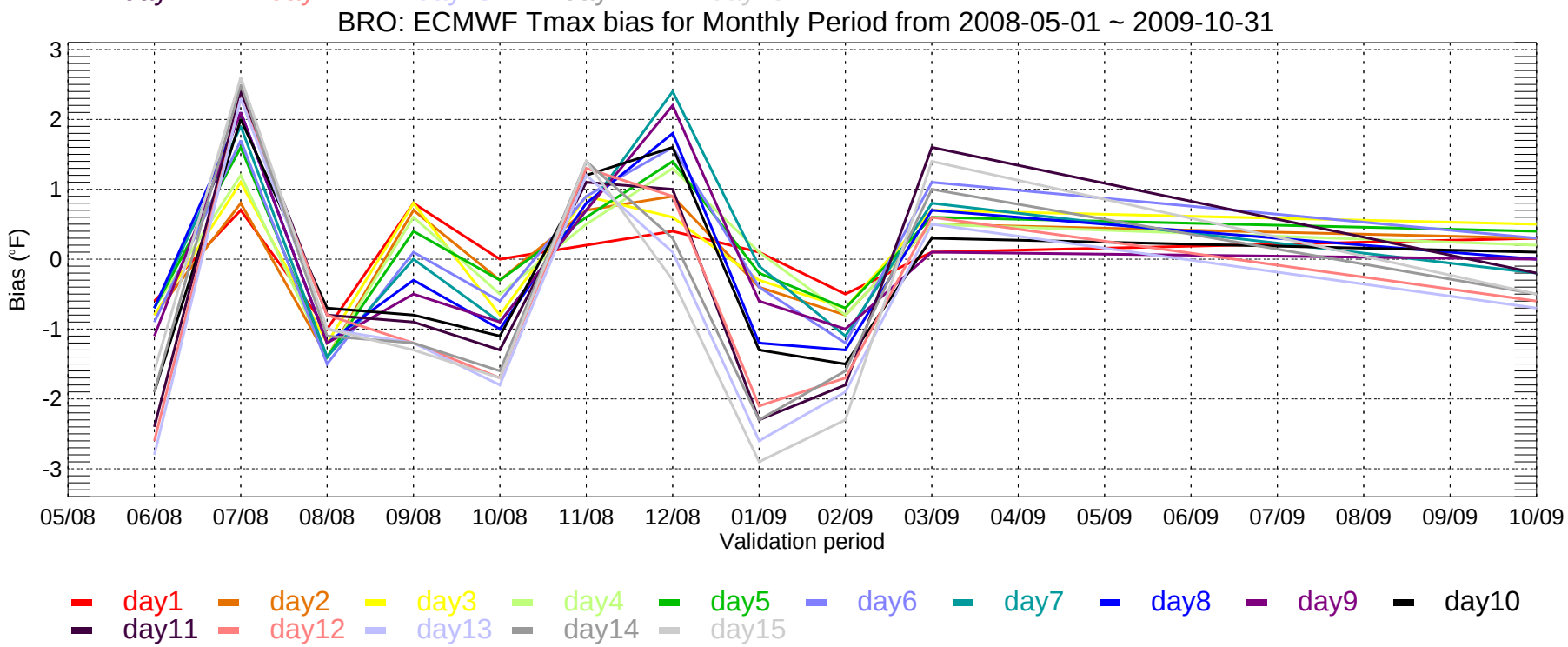
day13
day14
day15


BRO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
3
2
1
0
-1
-2
-3
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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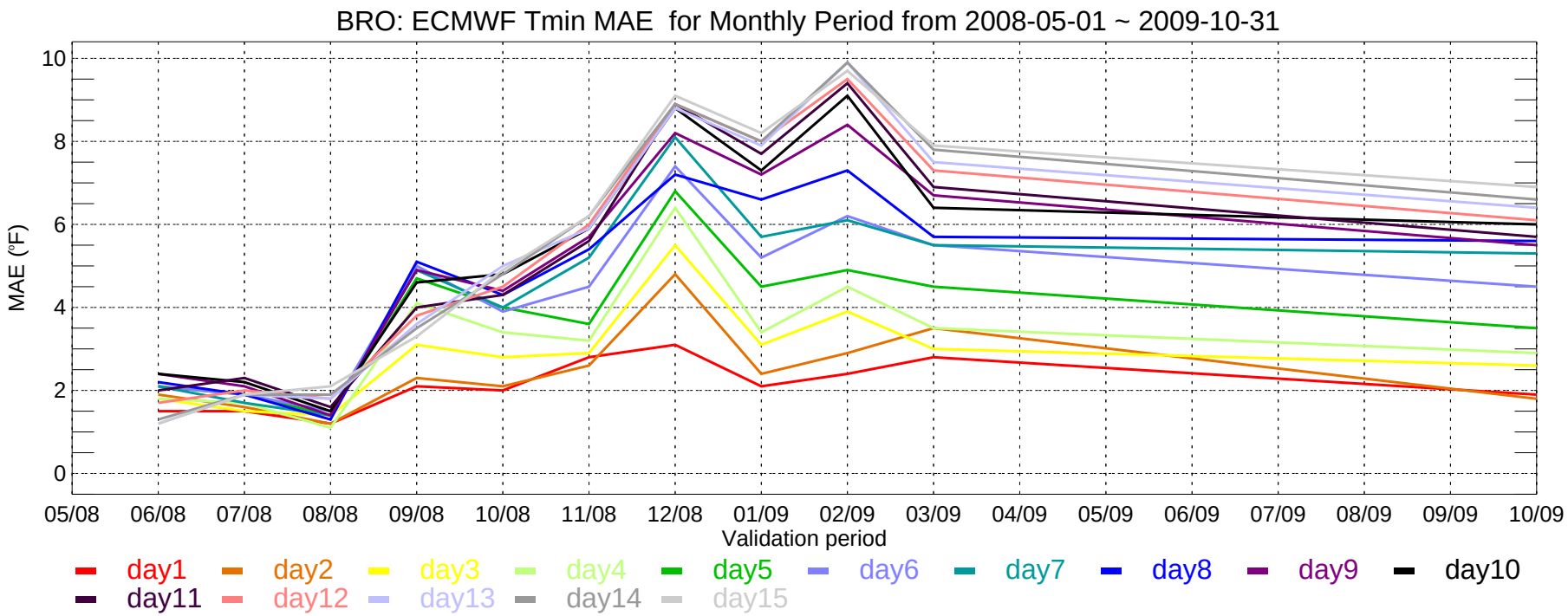
day14
day15


BRO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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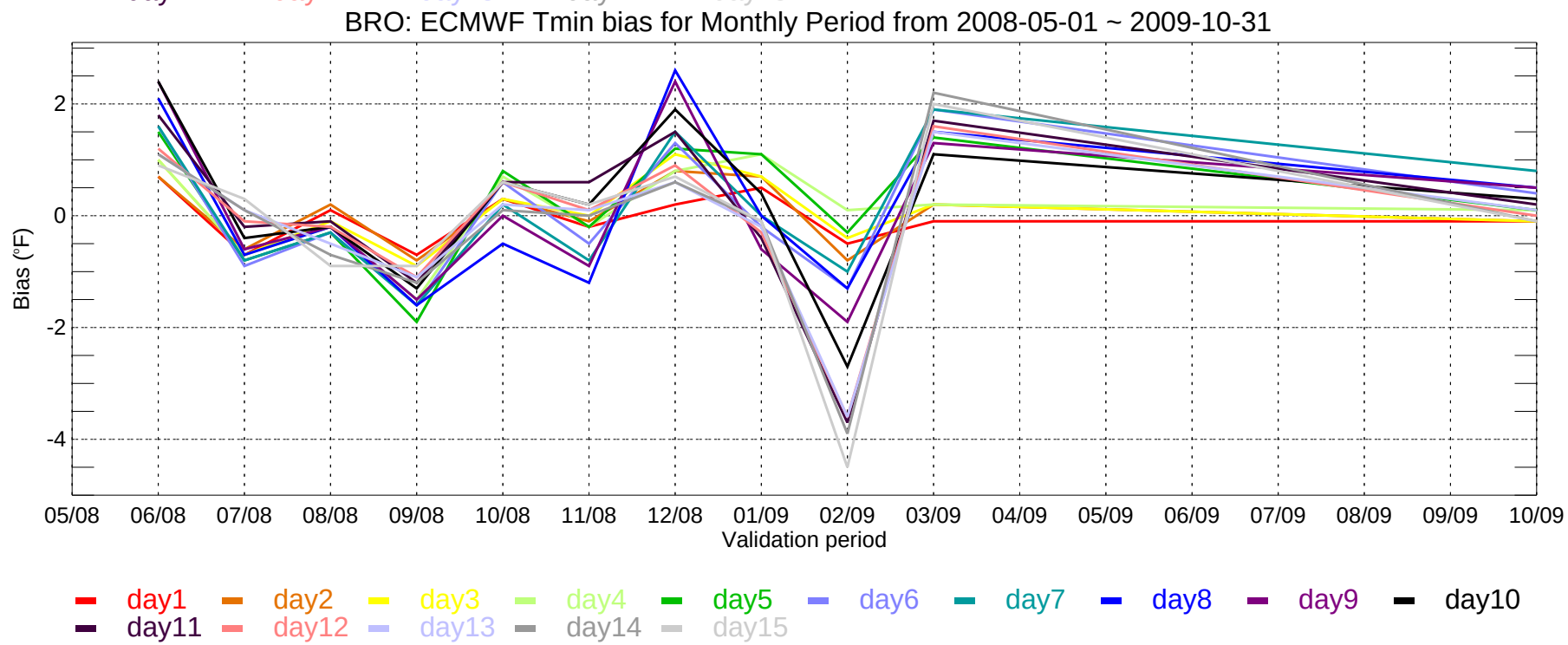
day14
day15


BRO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
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day8
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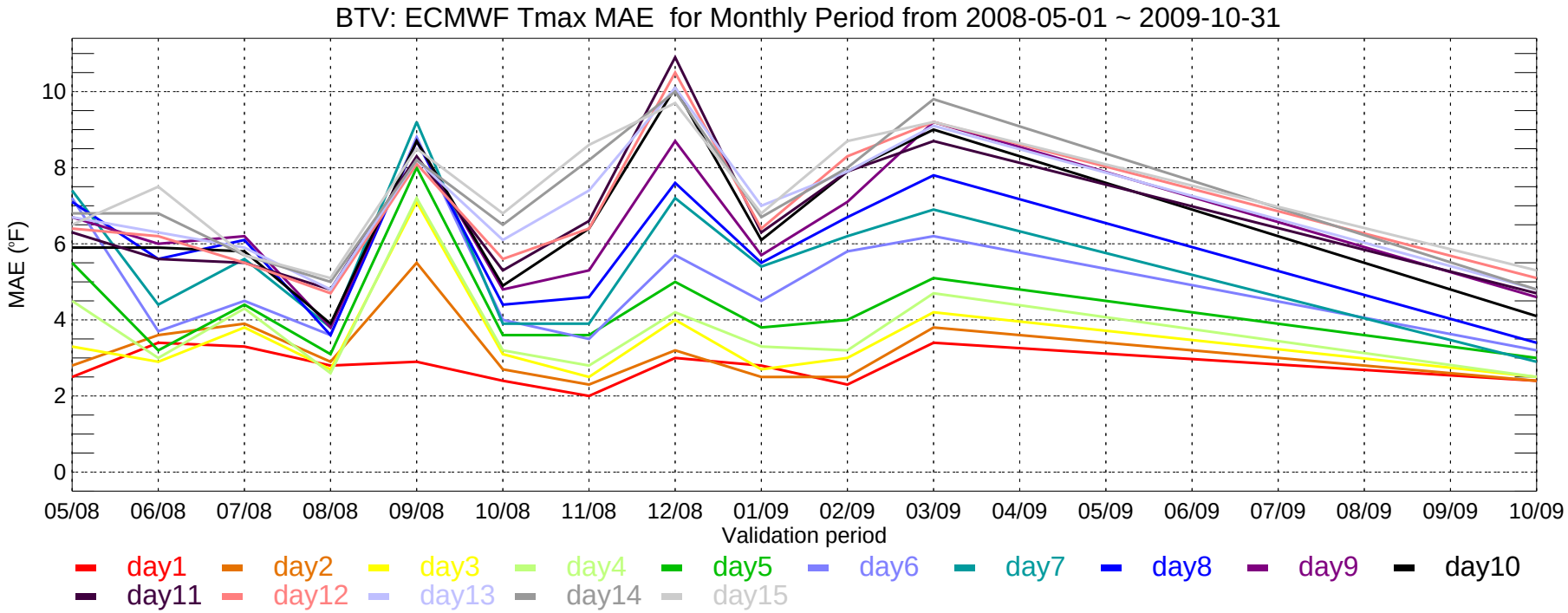
day12
day13
day14
day15


BTV: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
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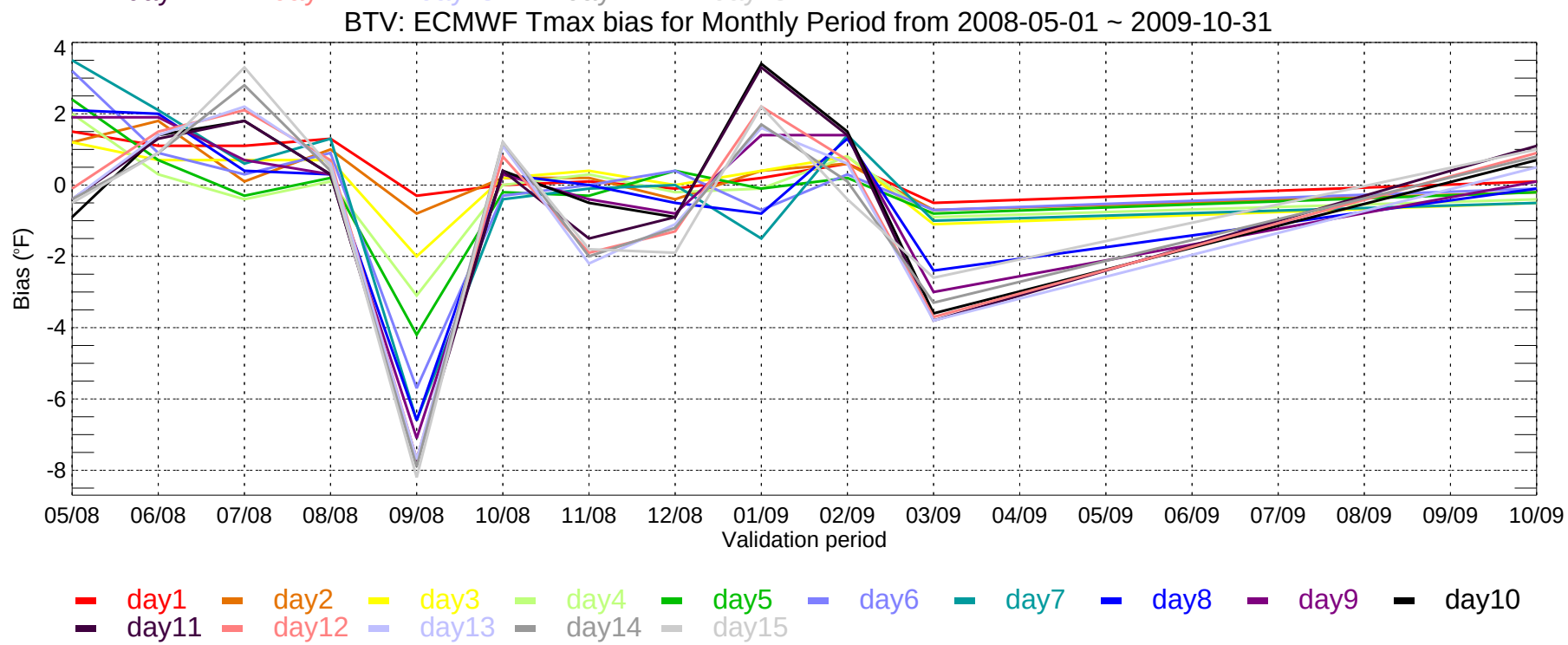
day13
day14
day15


BTV: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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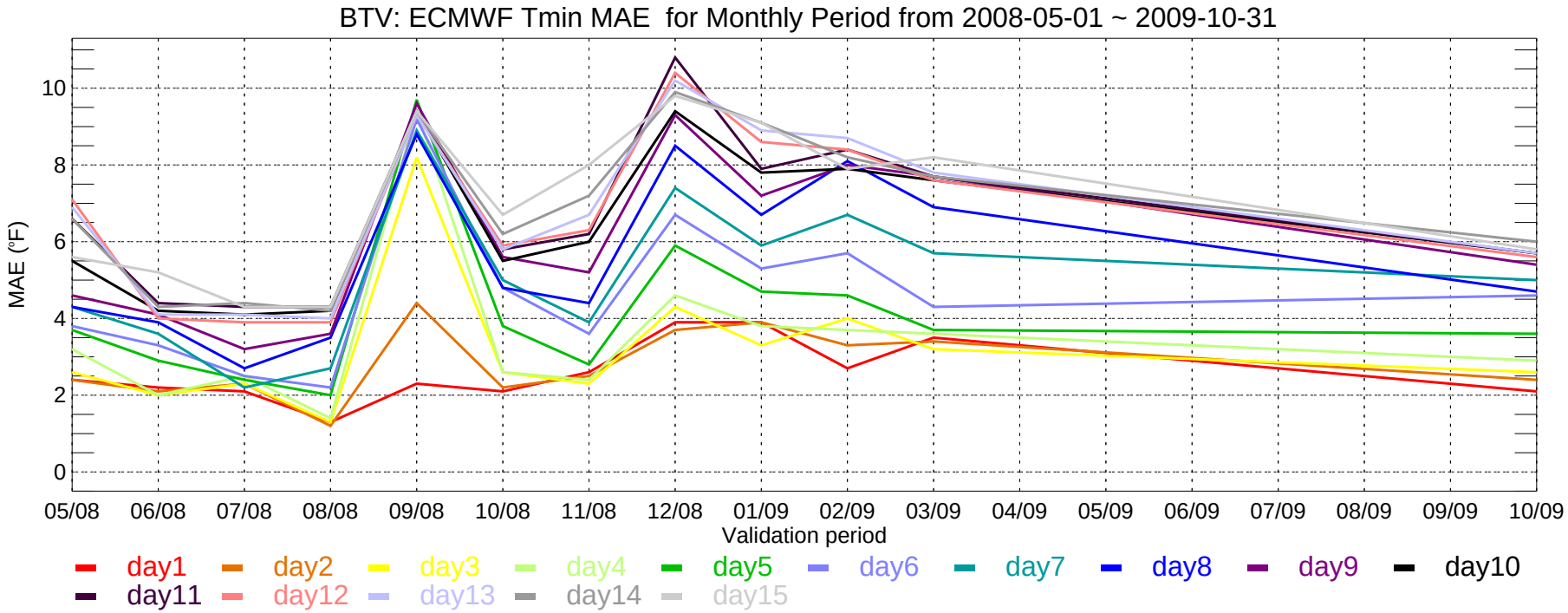
day14
day15


BTV: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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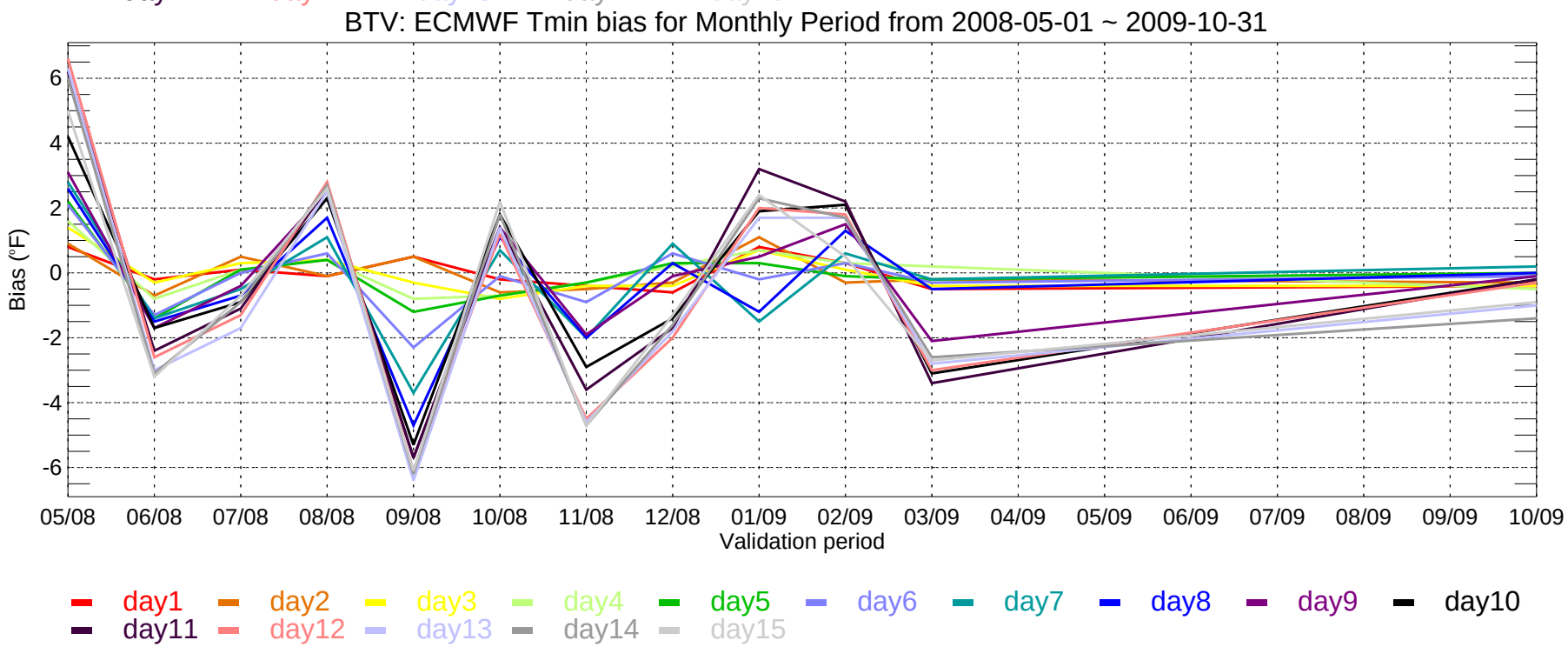
day14
day15


BTV: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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day7
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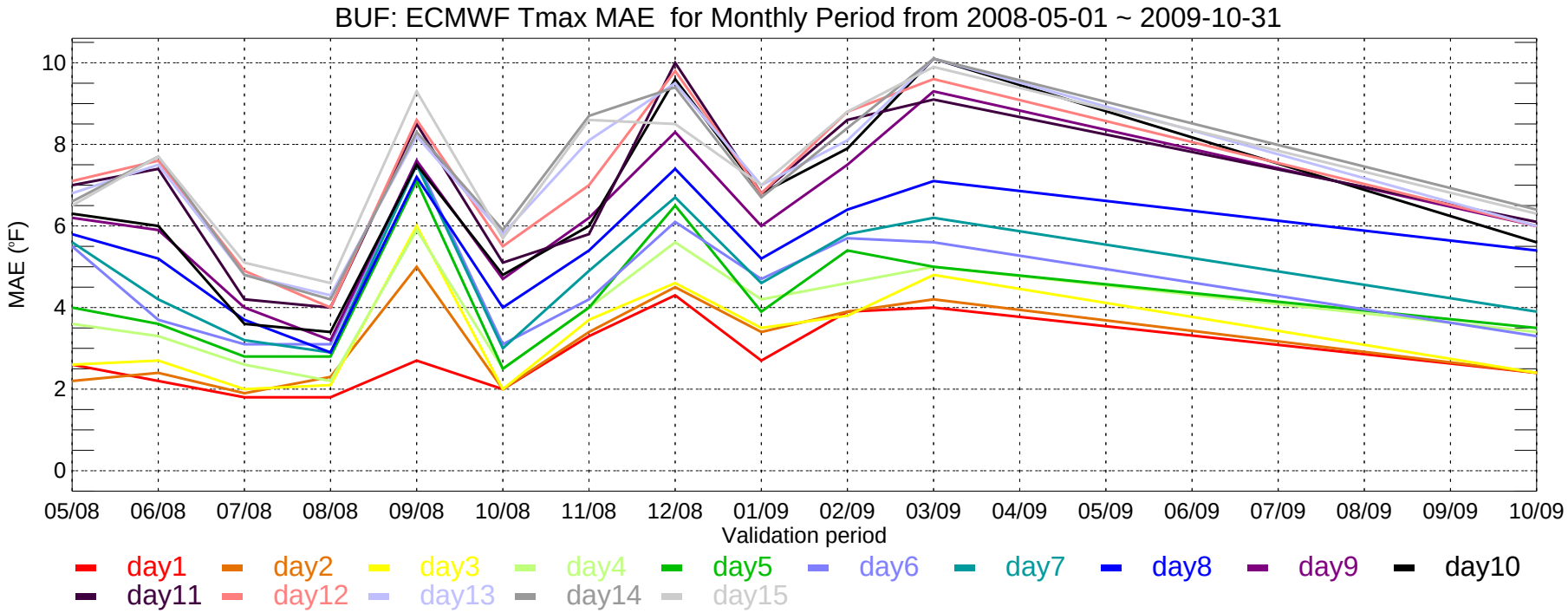
day12
day13
day14
day15


BUF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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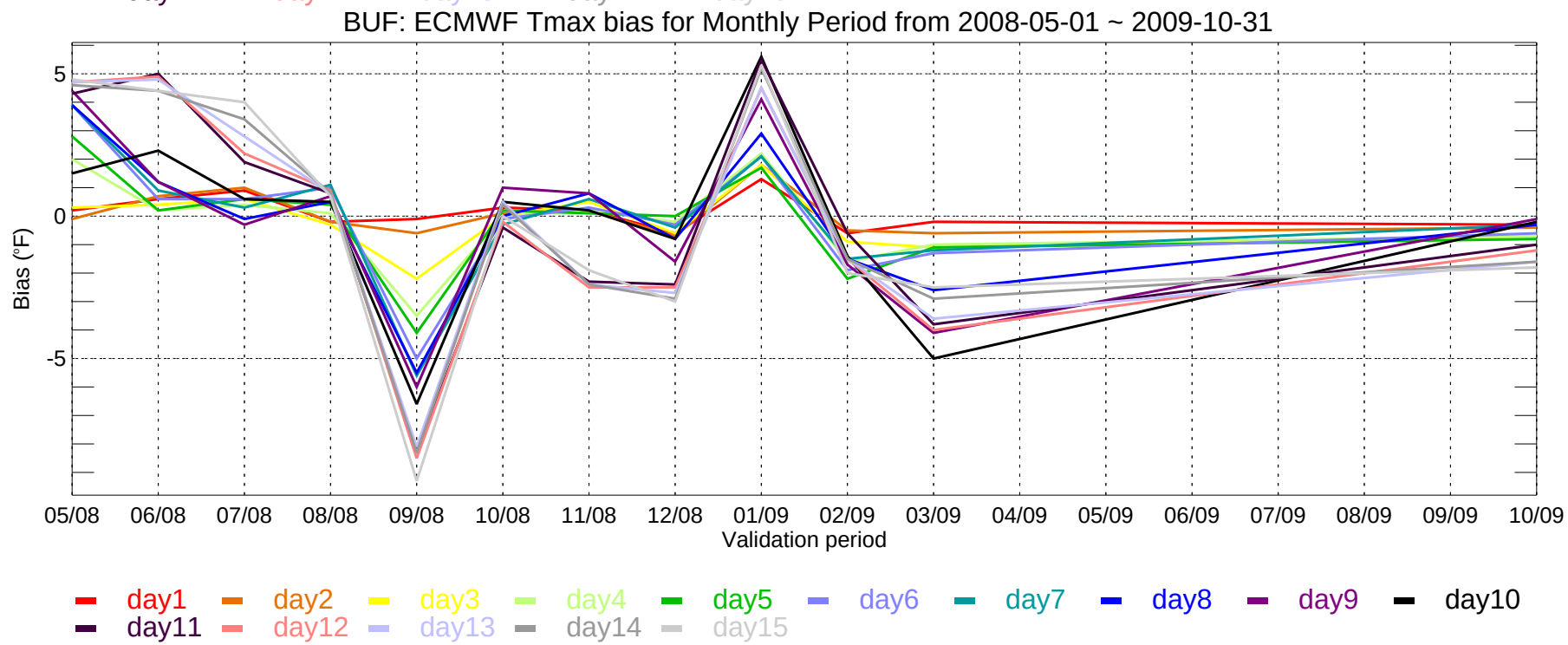
day11
day12
day13
day14
day15


BUF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
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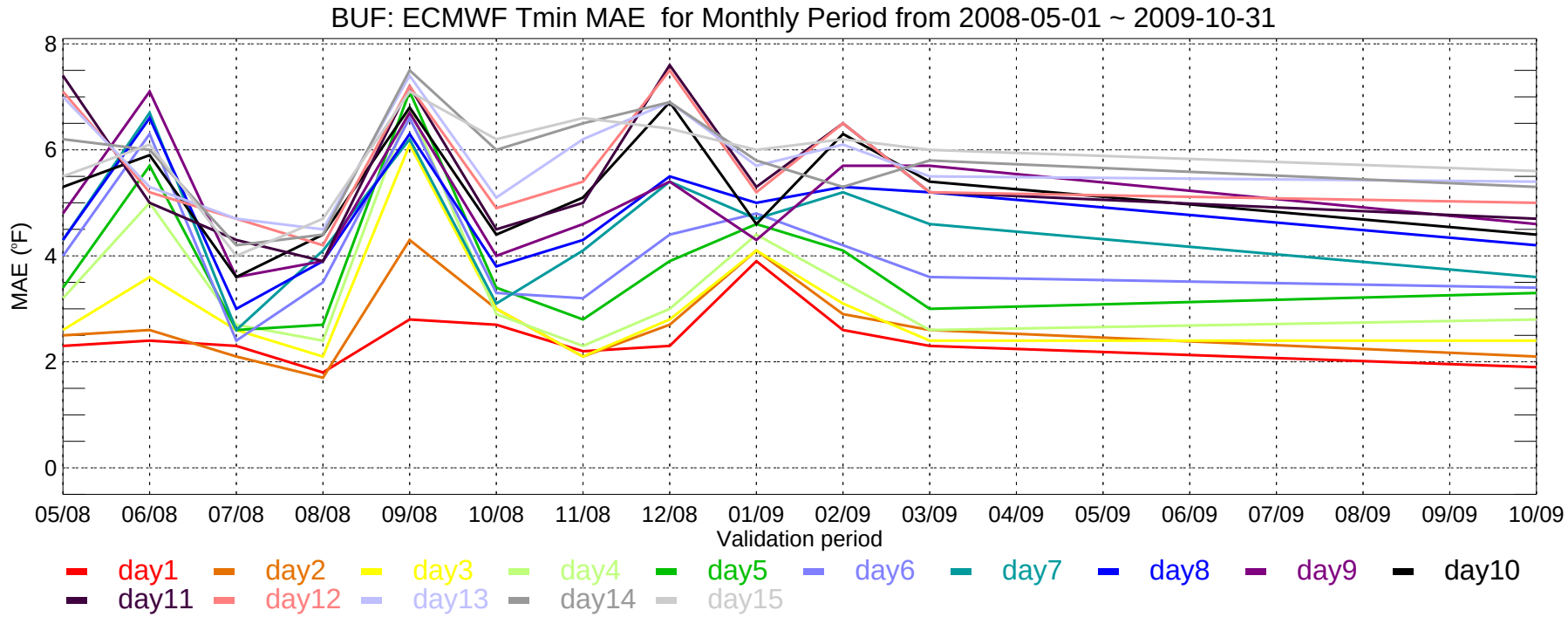
day12
day13
day14
day15


BUF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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day9
day10
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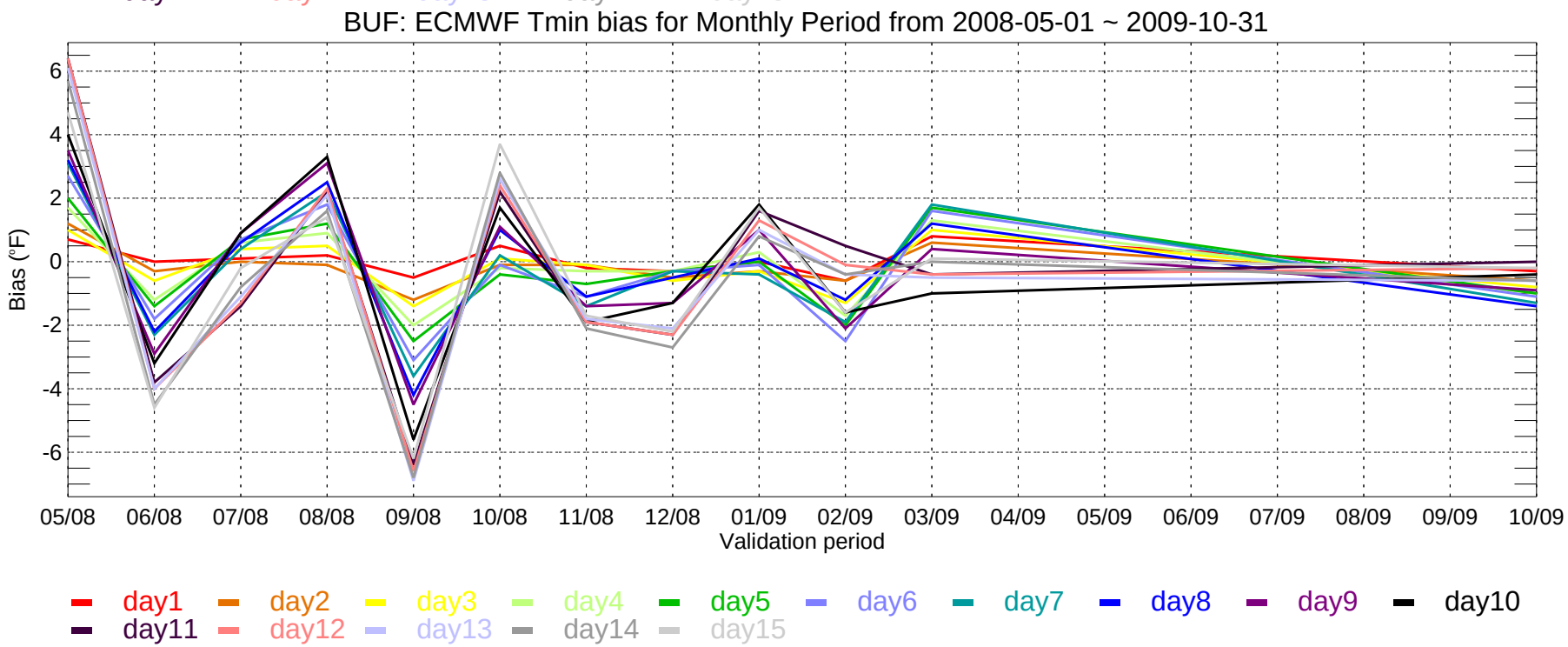
day14
day15


BUF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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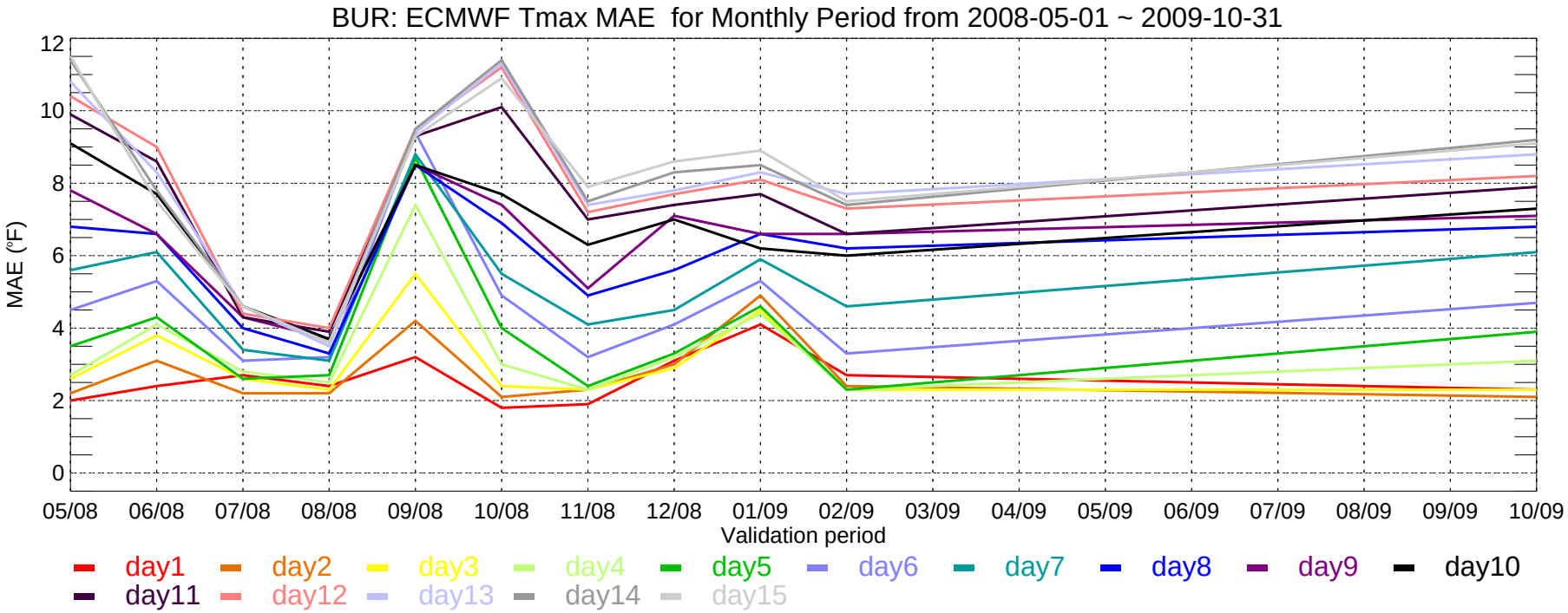
day14
day15


BUR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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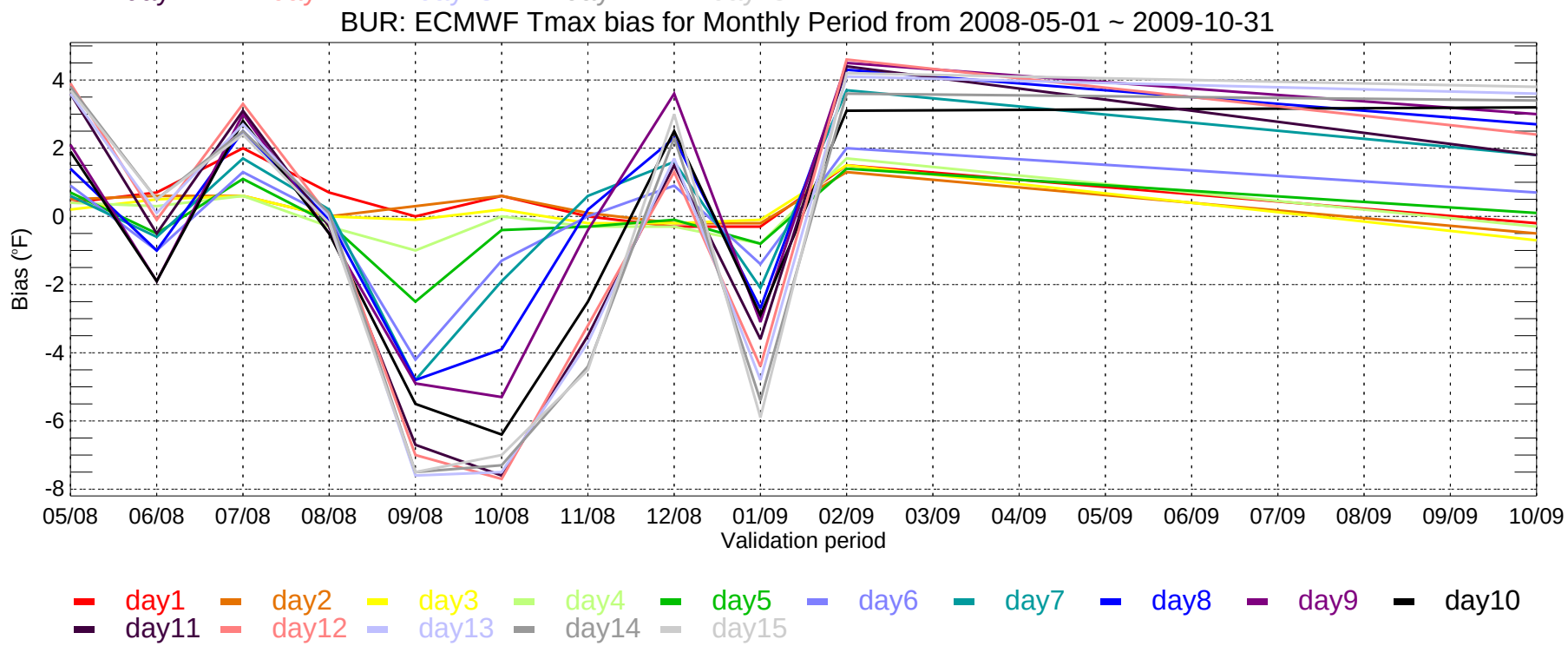
day14
day15


BUR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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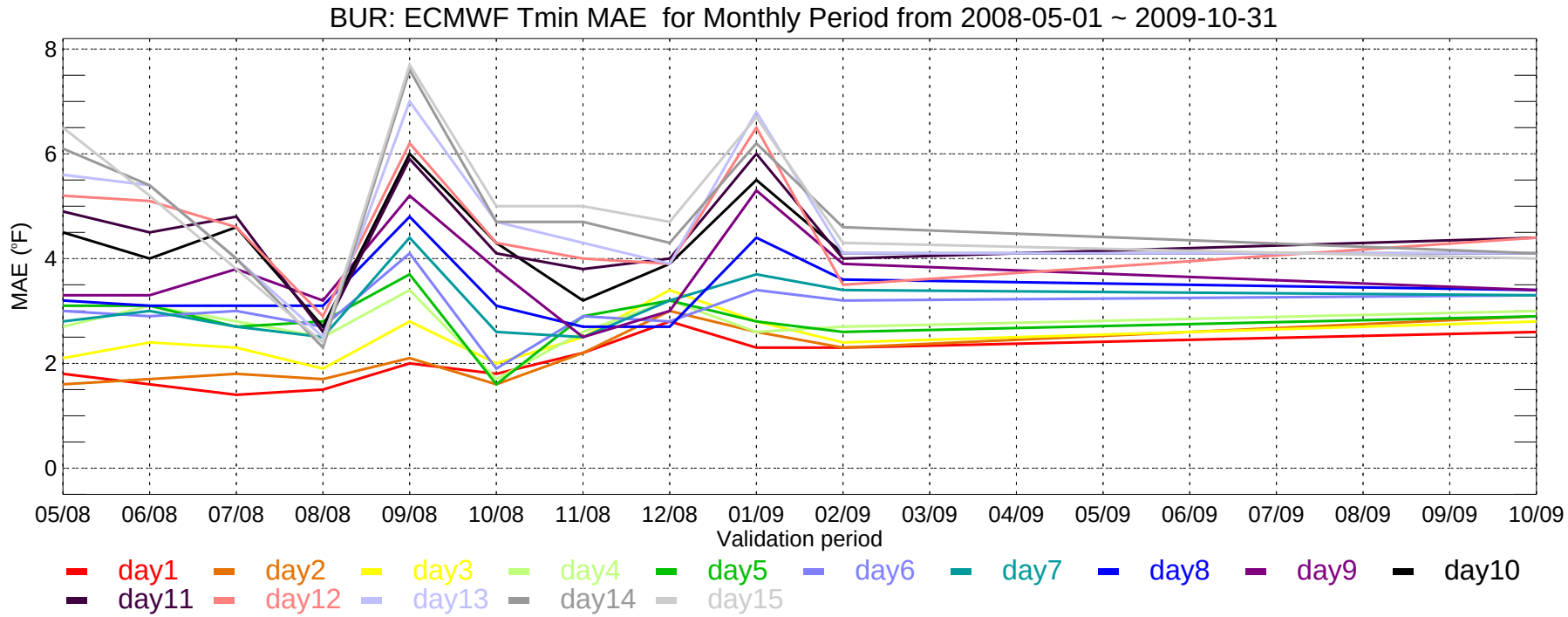
day11
day12
day13
day14
day15


BUR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day3
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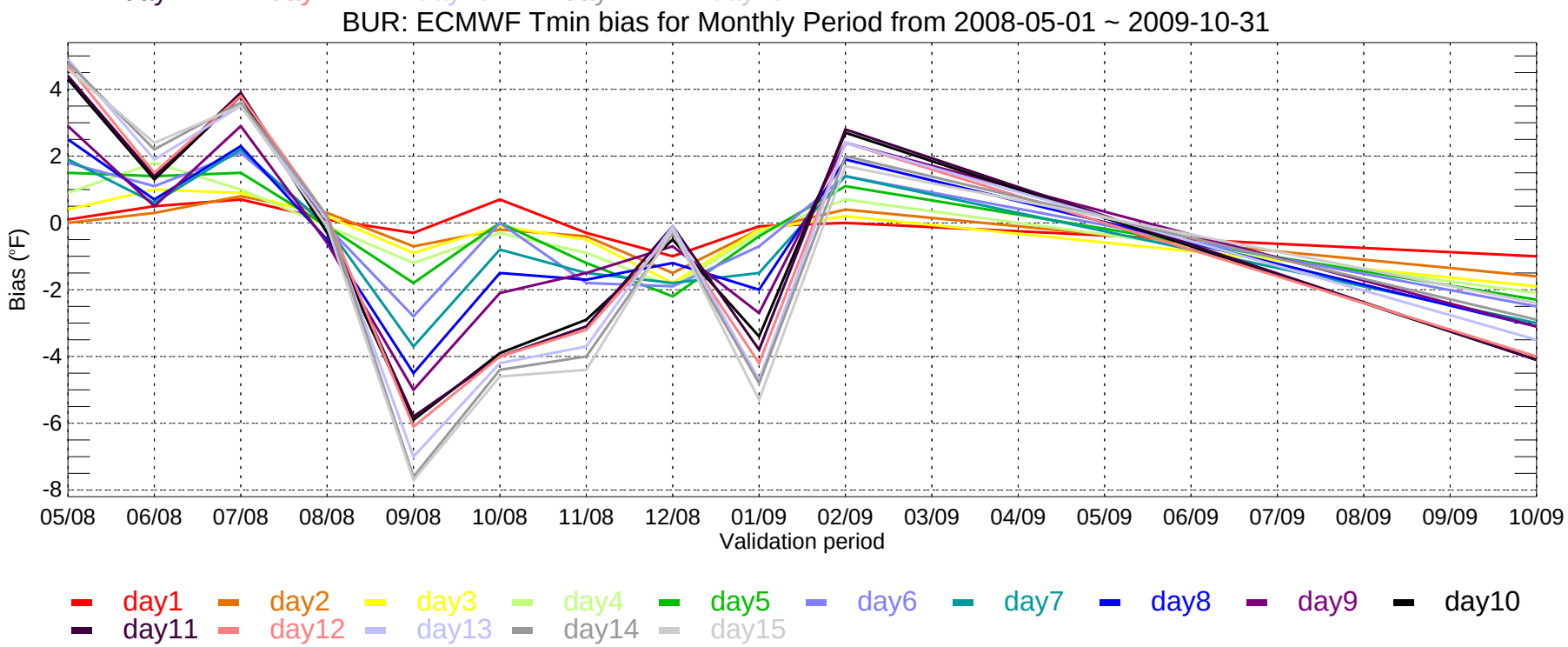
day14
day15


BUR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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10/09
Validation period
day1
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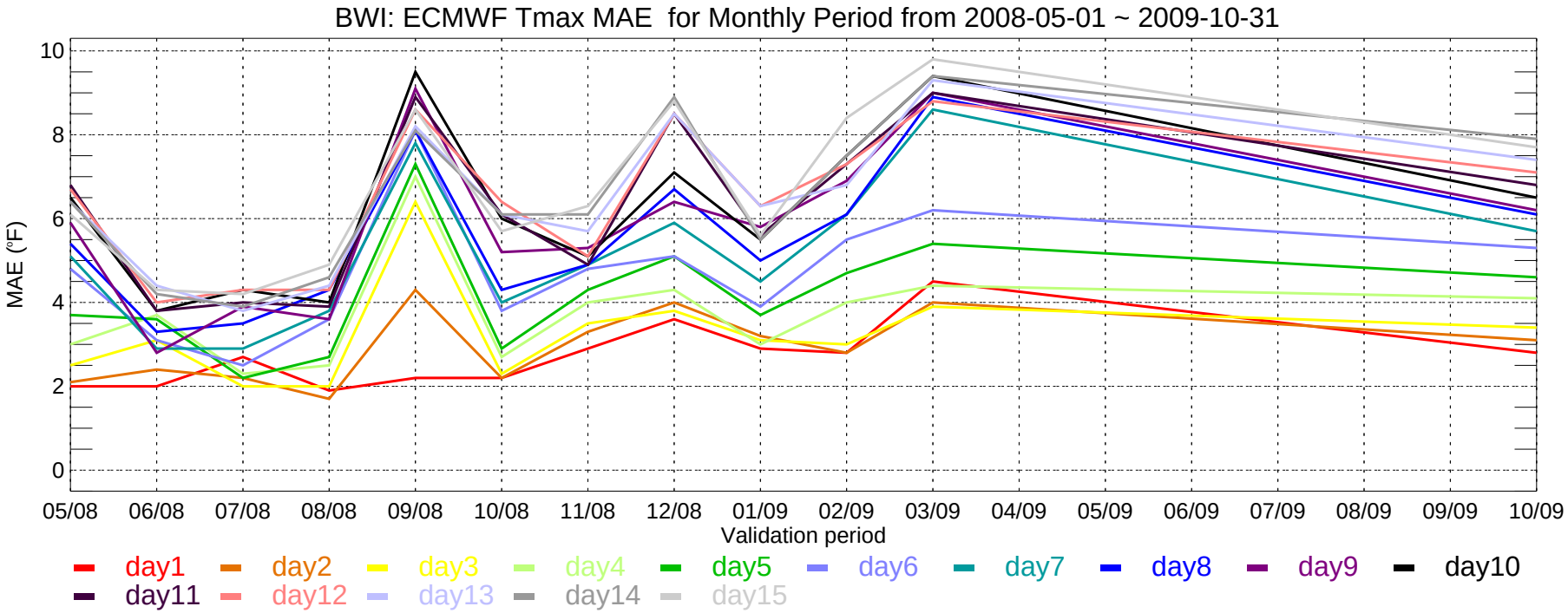
day15


BWI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day4
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day7
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day11
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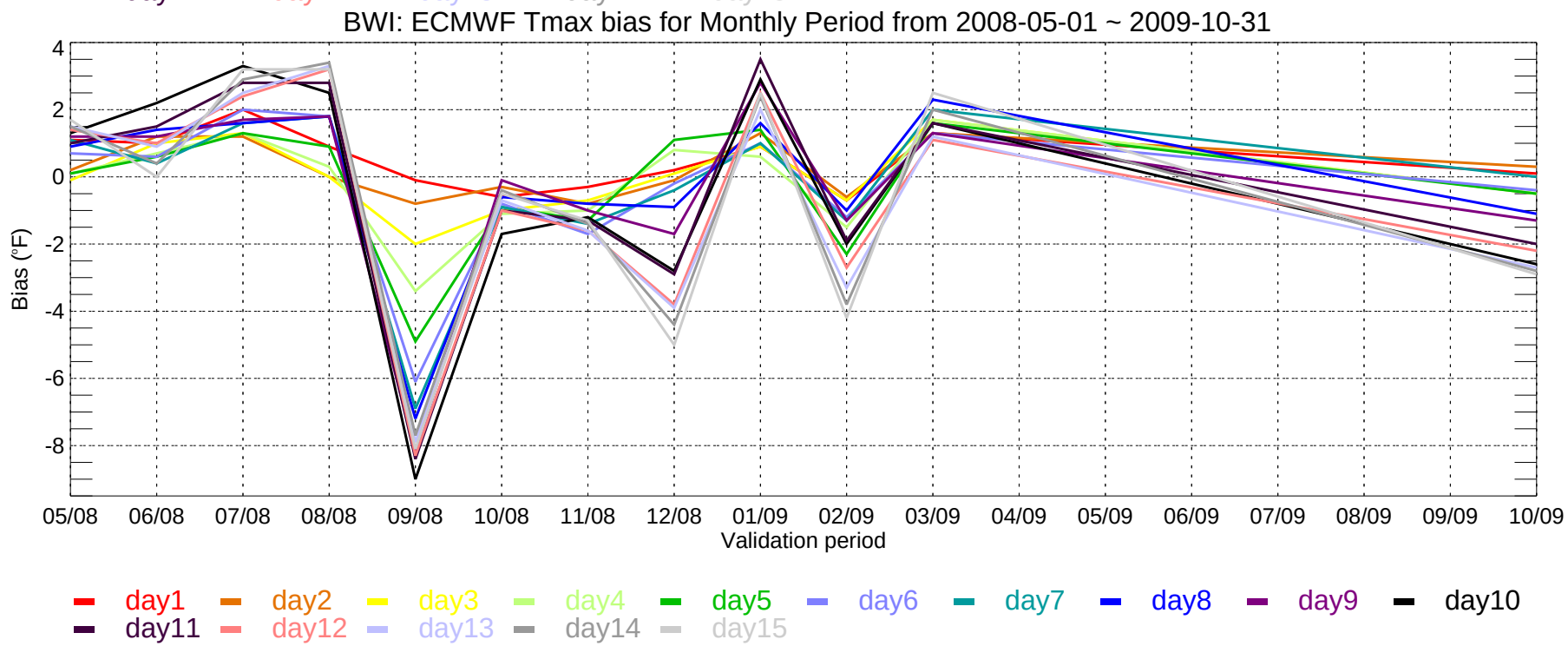
day13
day14
day15


BWI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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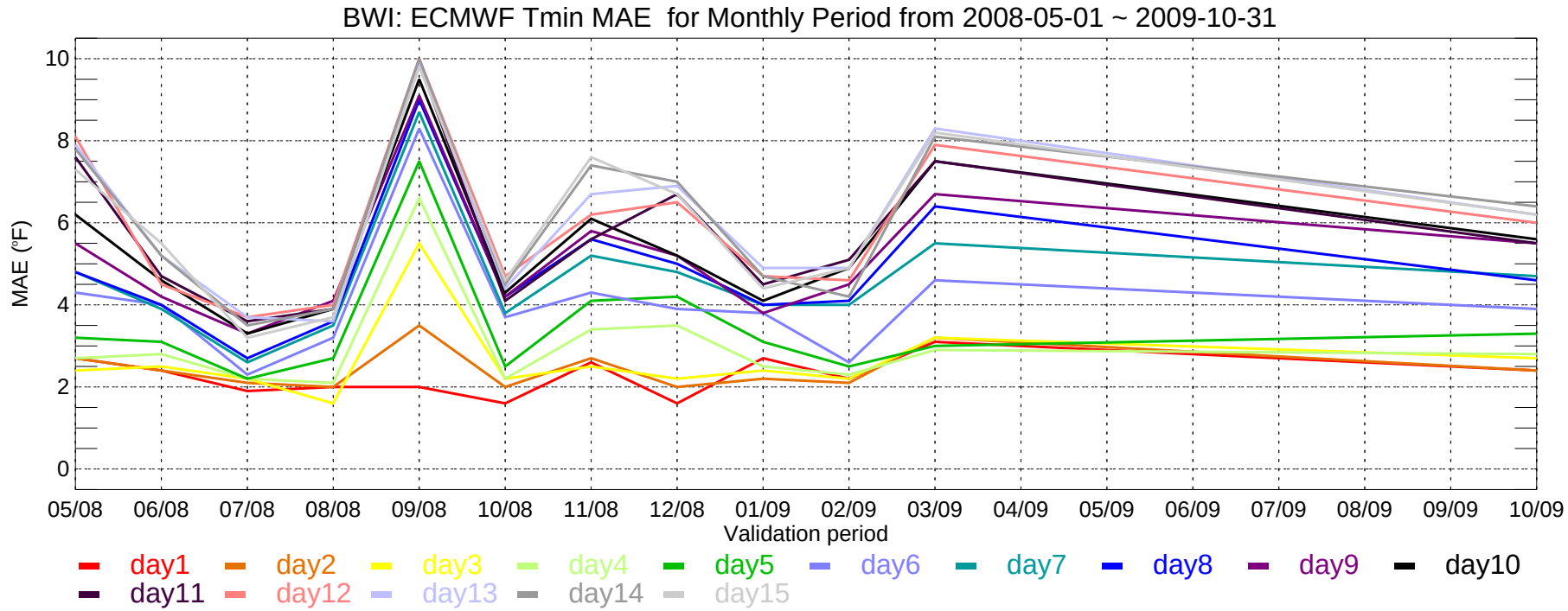
day12
day13
day14
day15


BWI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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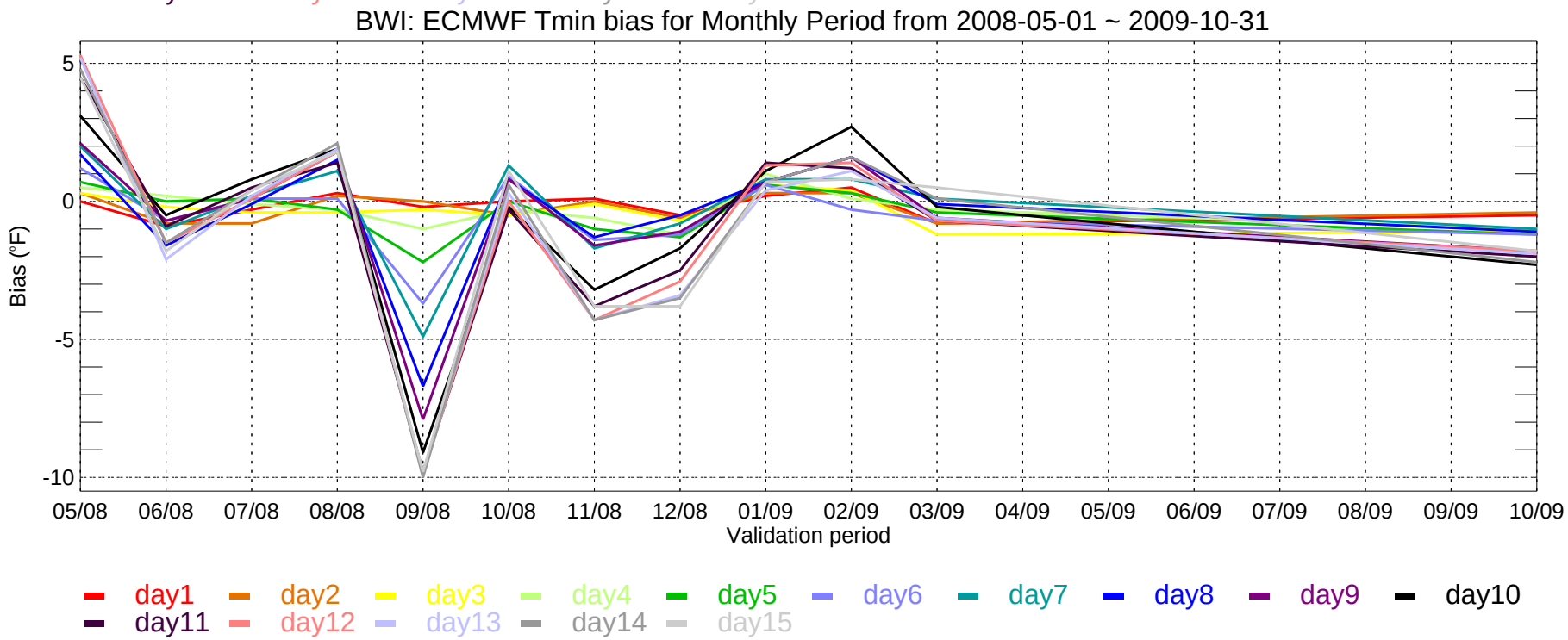
day14
day15


BWI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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10/09
Validation period
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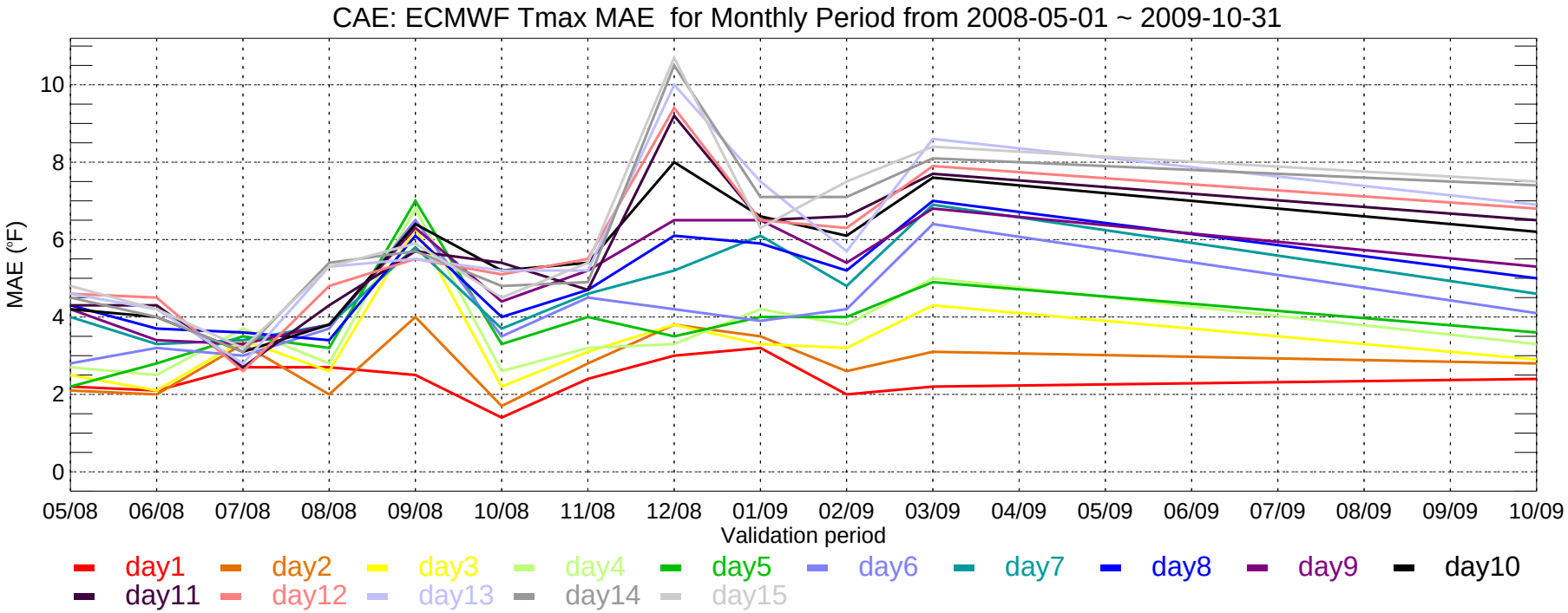
CAE: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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Validation period
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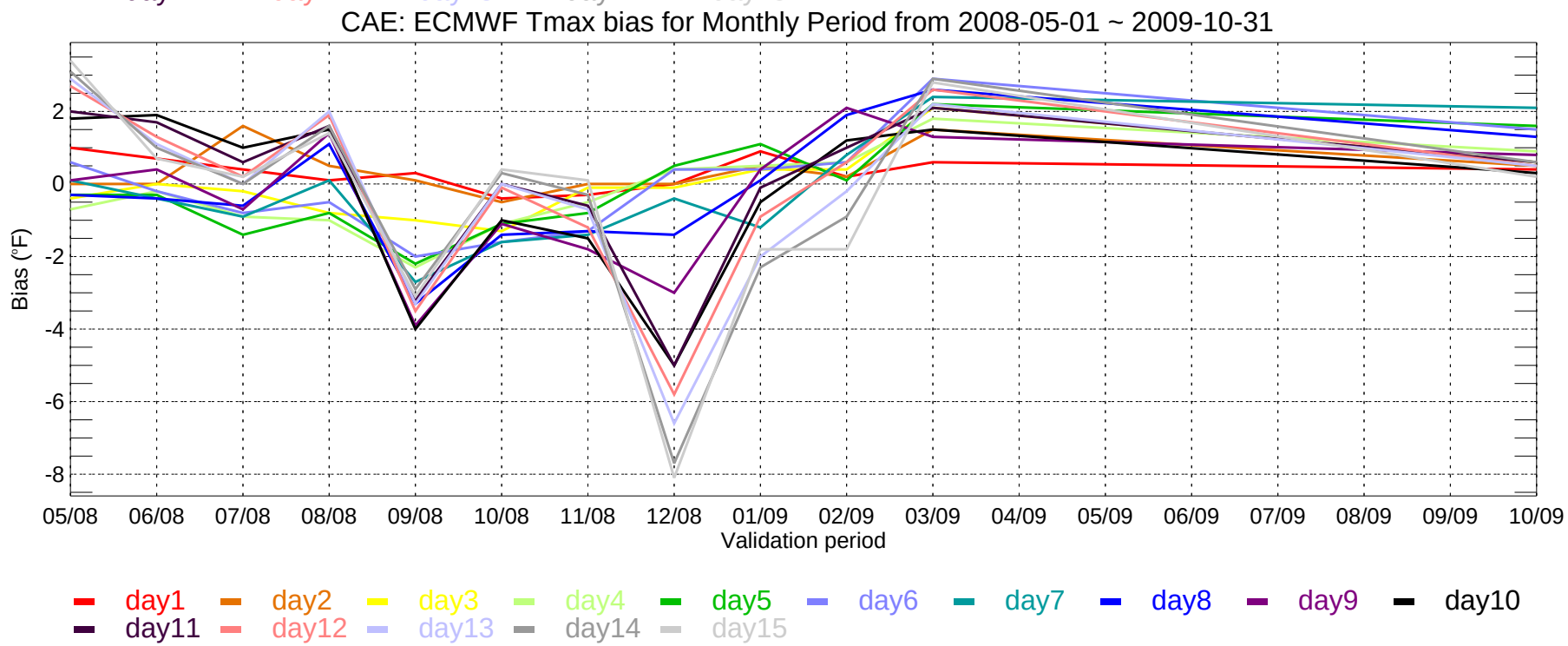
CAE: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
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Validation period
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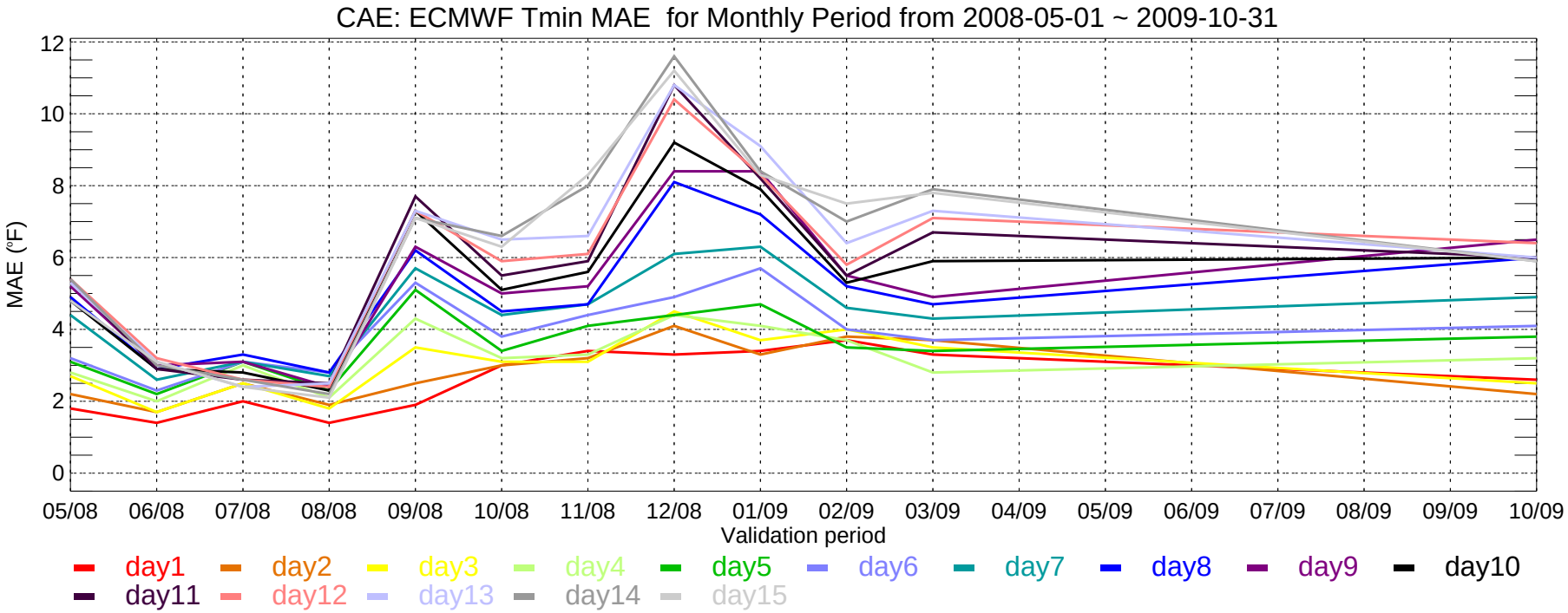
CAE: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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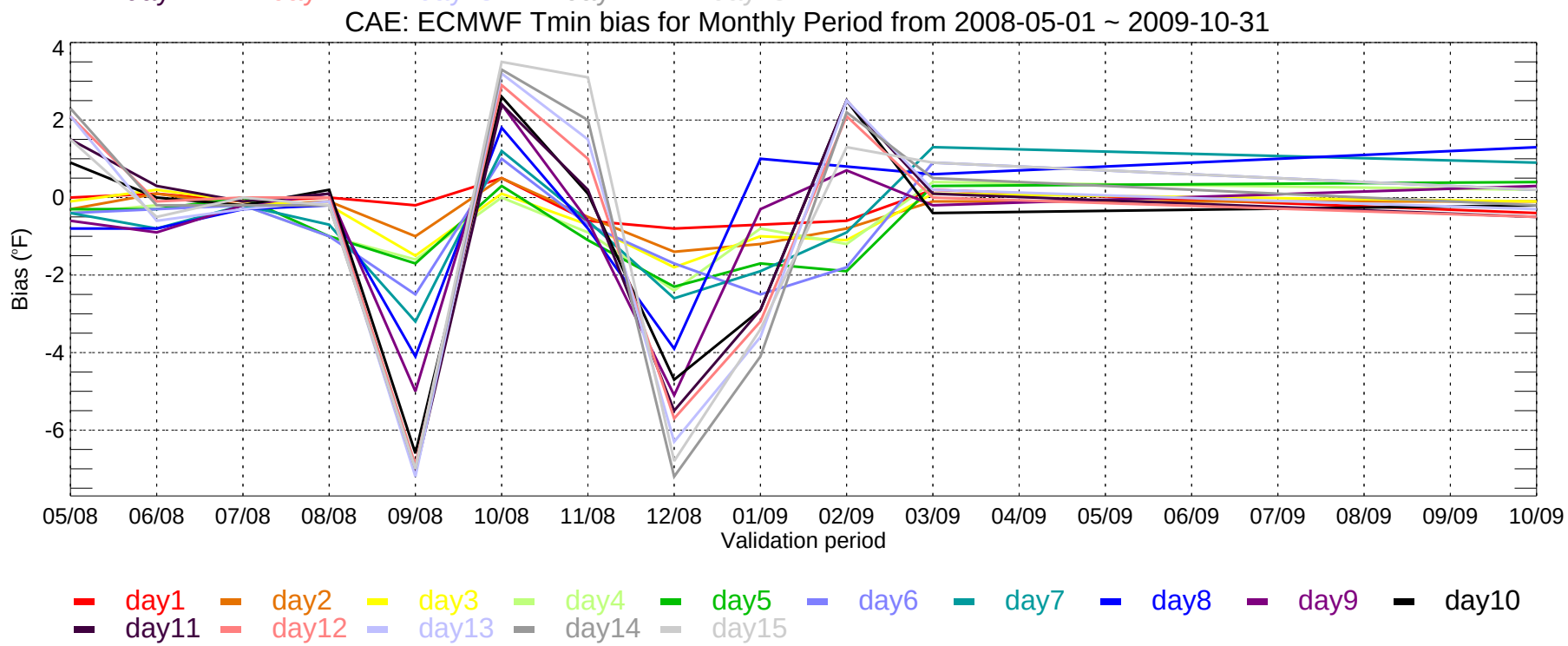
CAE: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
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Validation period
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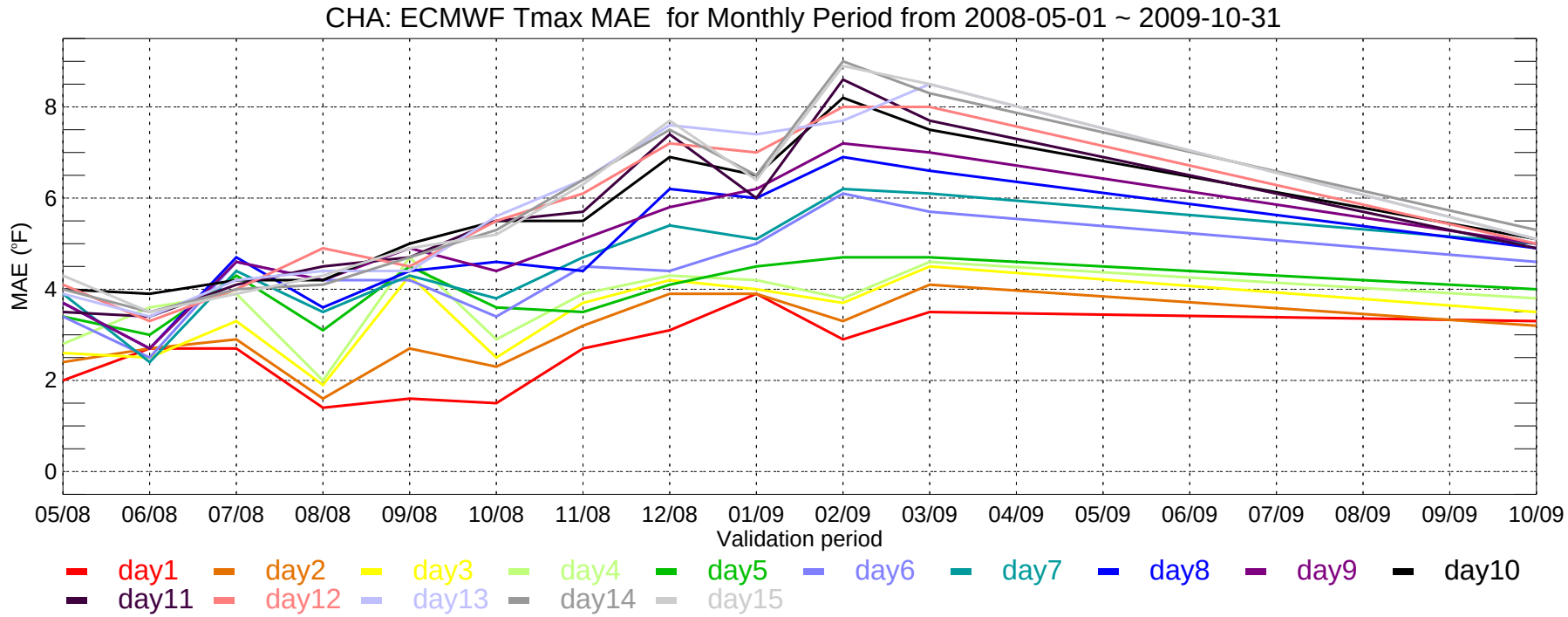
CHA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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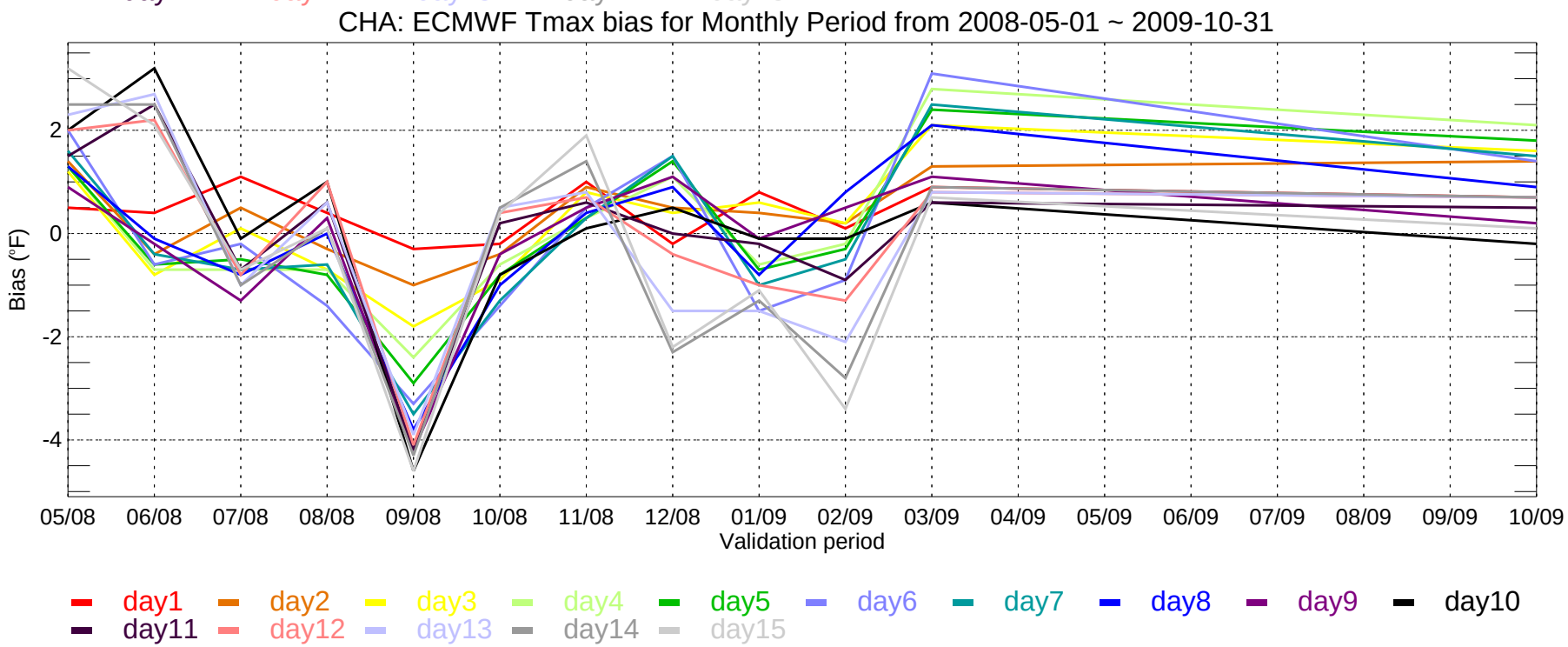
CHA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
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Validation period
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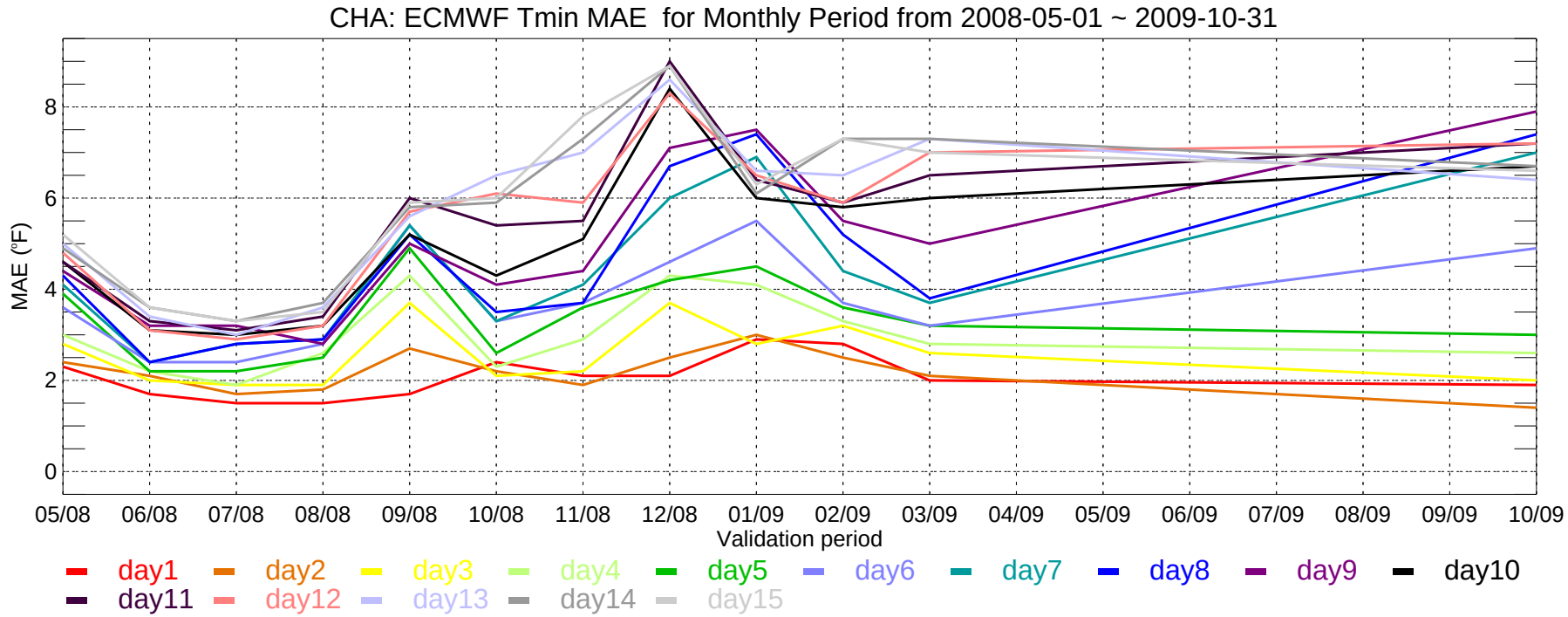
CHA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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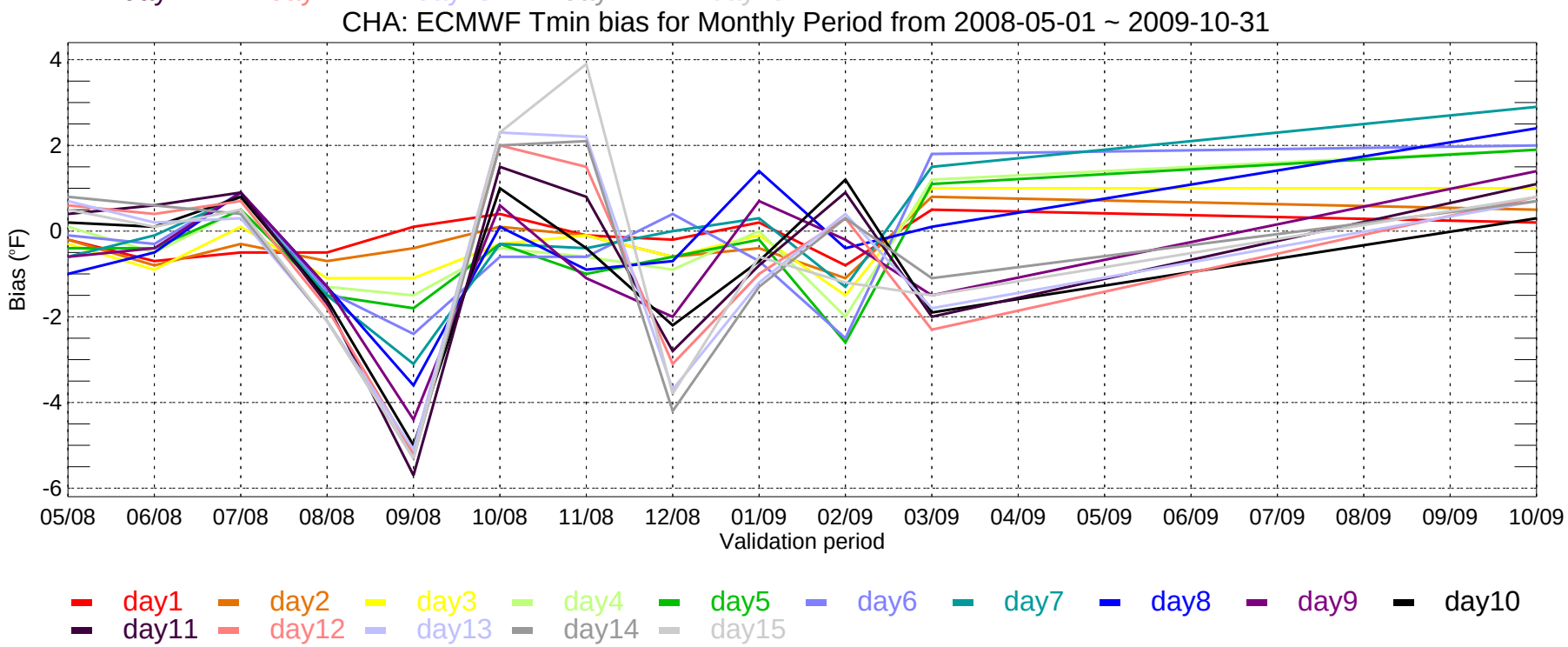
CHA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
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Validation period
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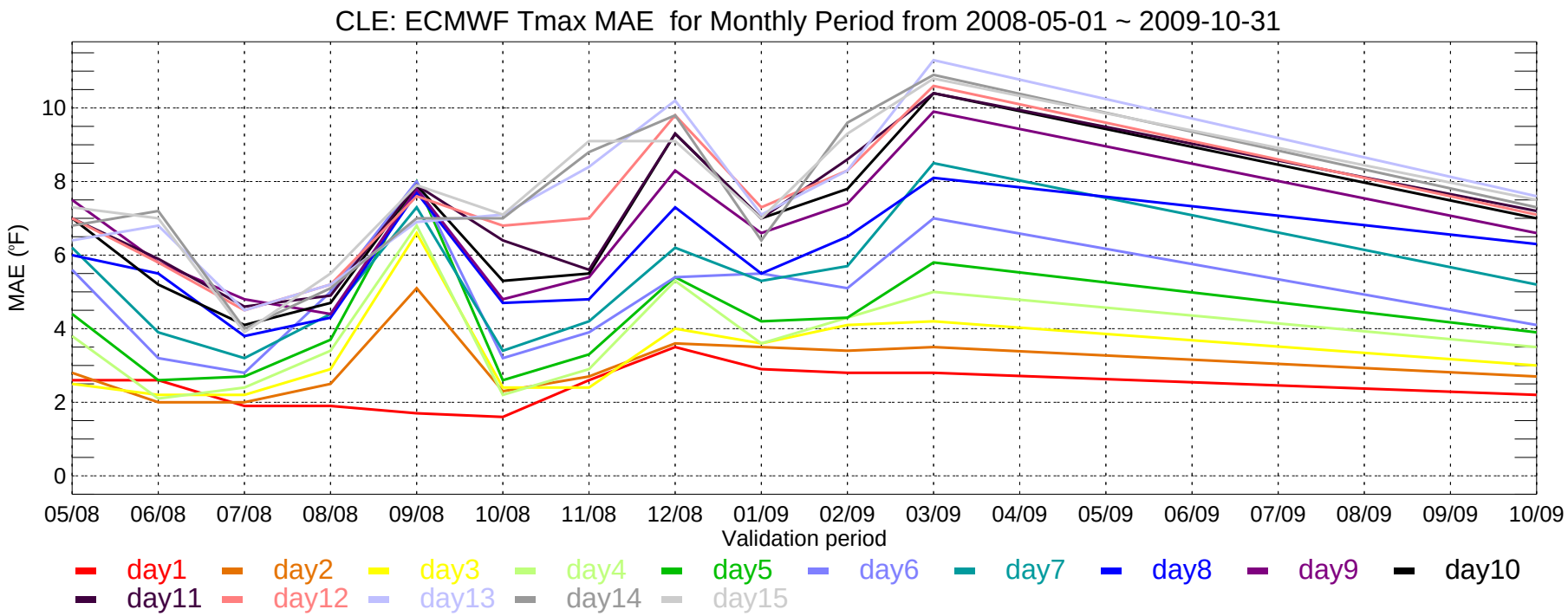
CLE: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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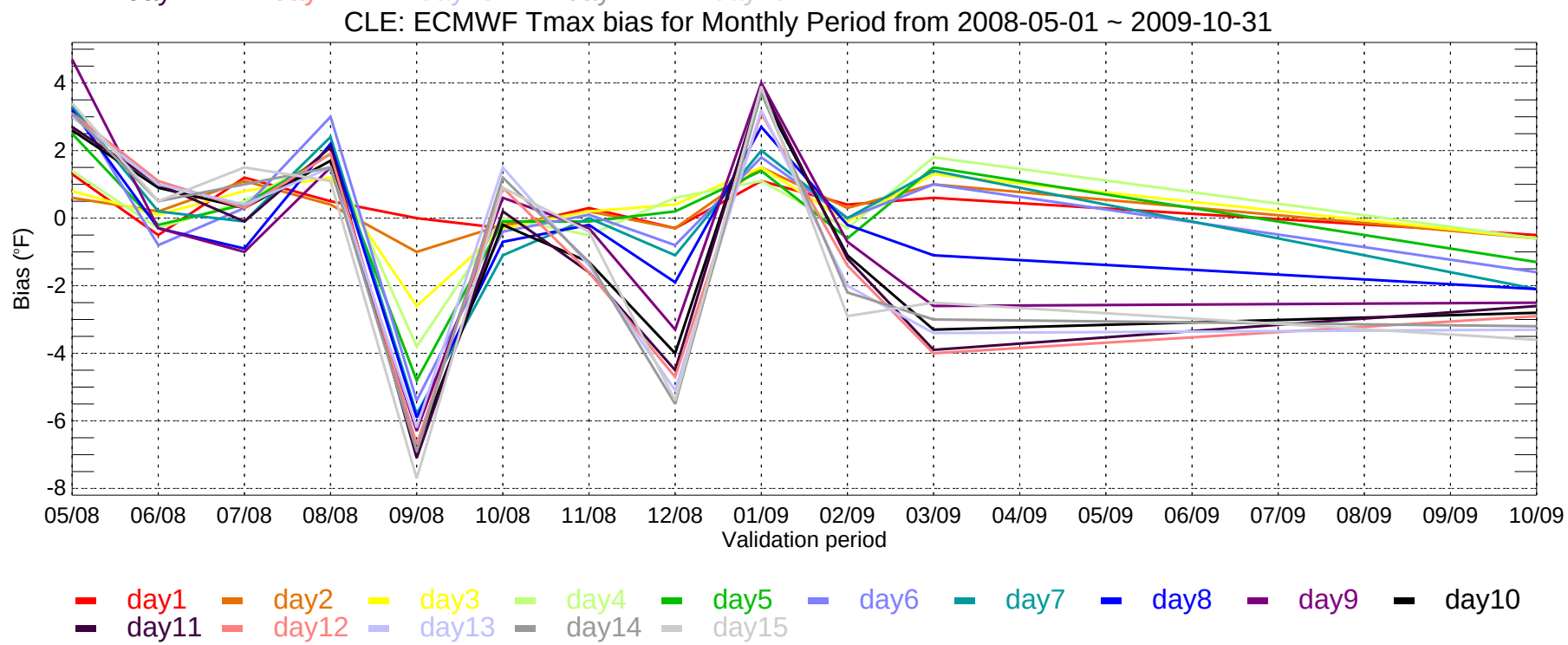
CLE: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
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Validation period
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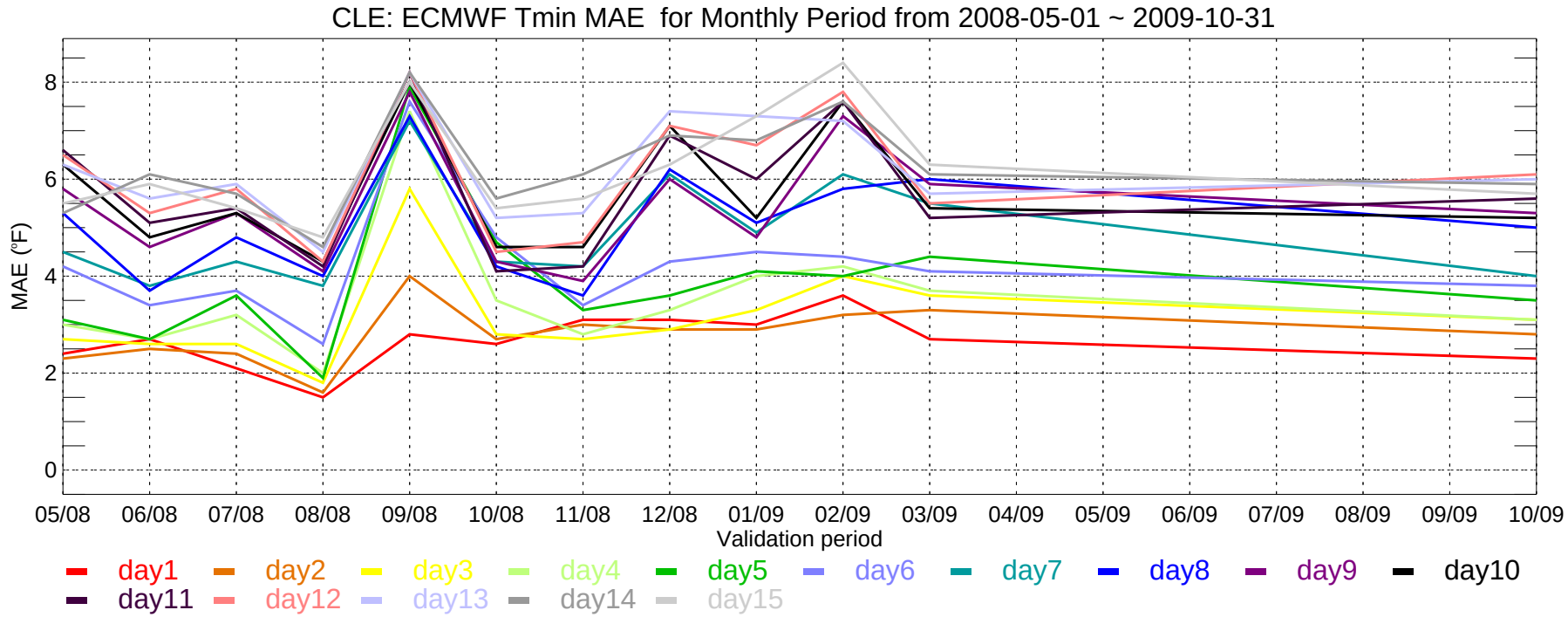
CLE: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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Validation period
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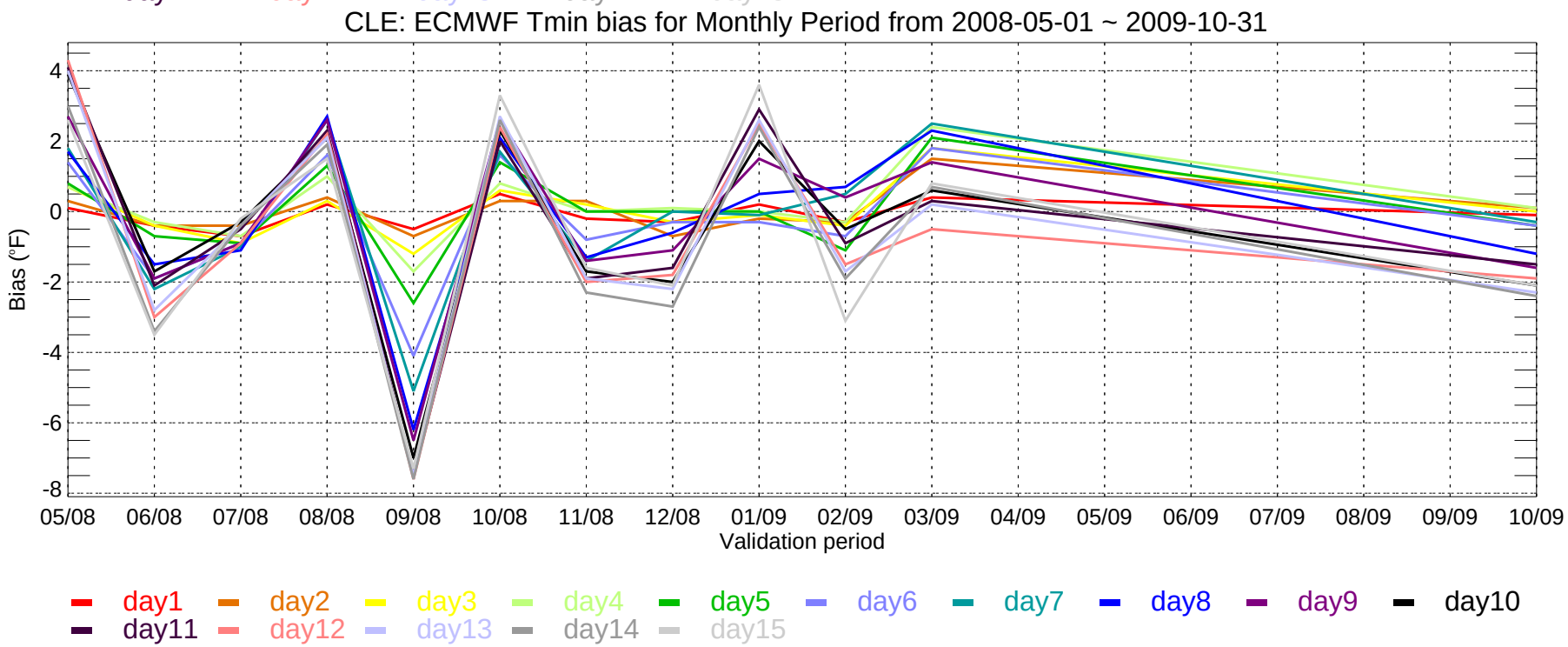
CLE: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
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Validation period
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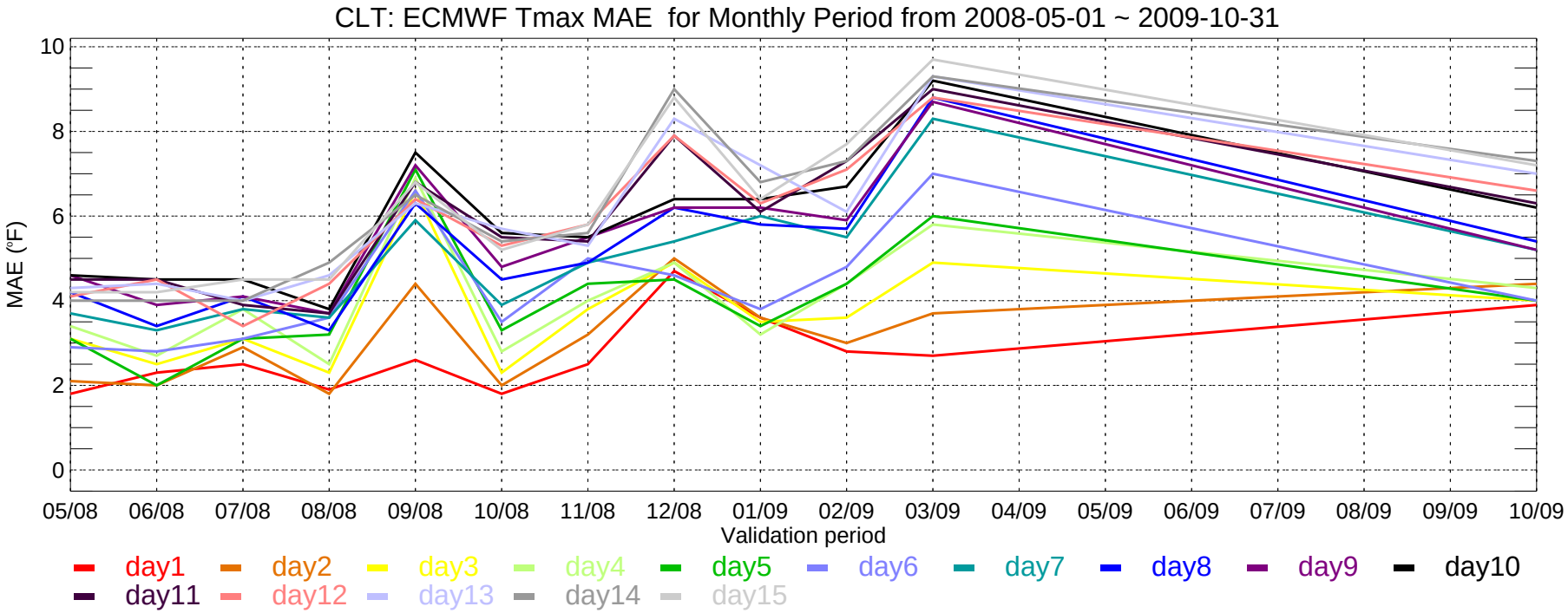
CLT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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09/08
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11/08
12/08
01/09
02/09
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Validation period
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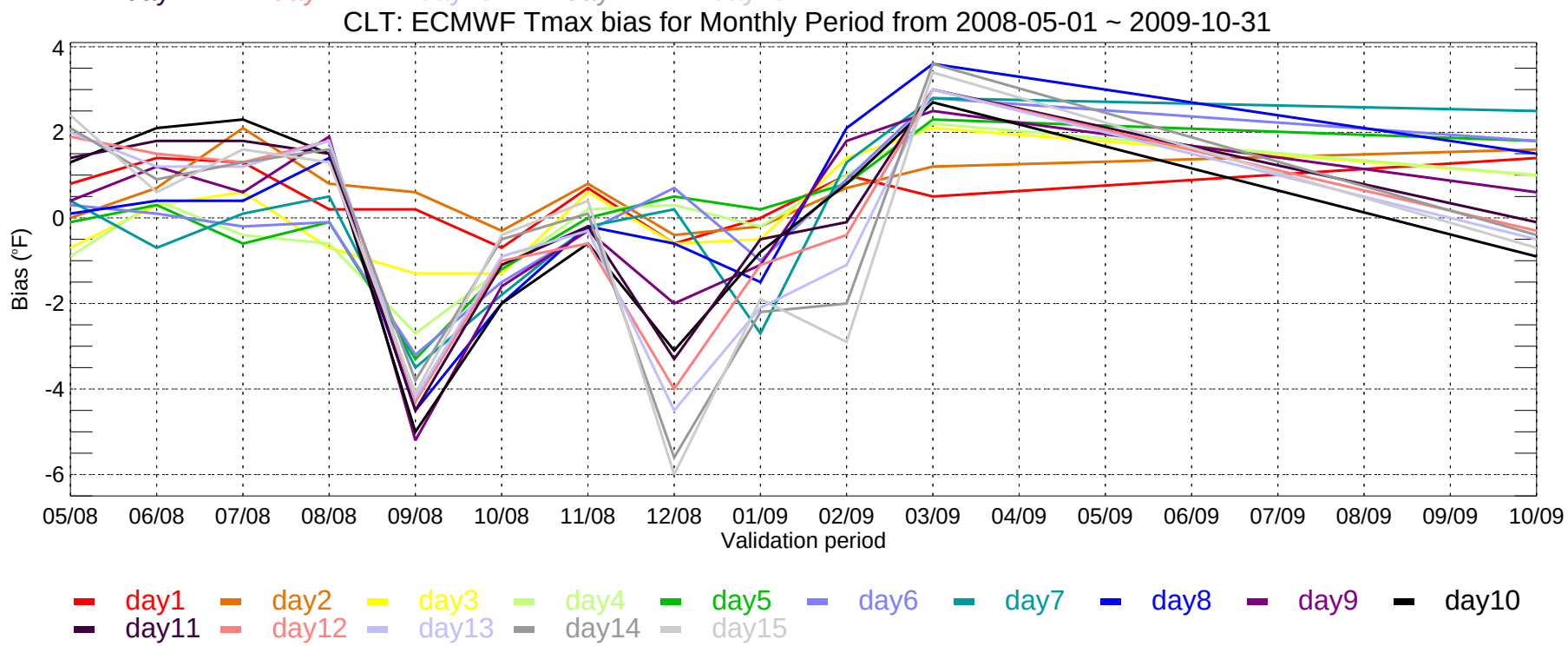
CLT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
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Validation period
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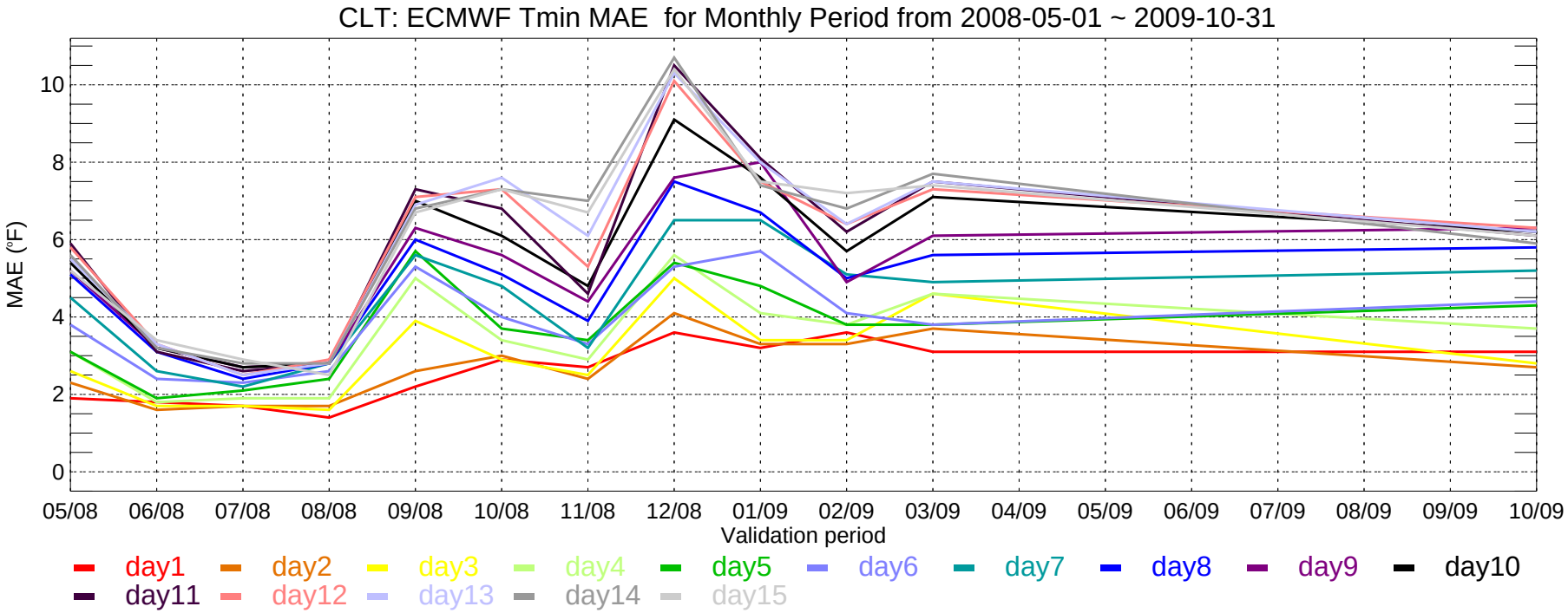
CLT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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Validation period
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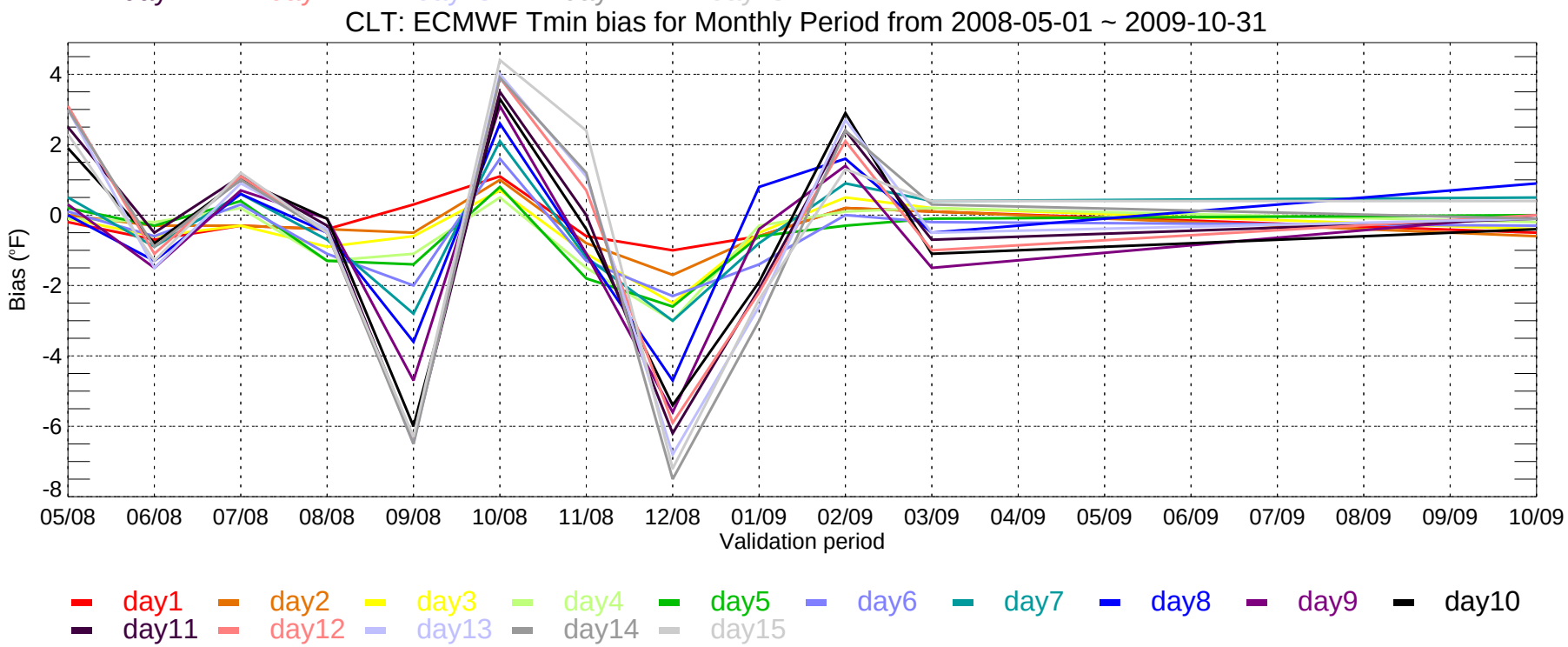
CLT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
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Validation period
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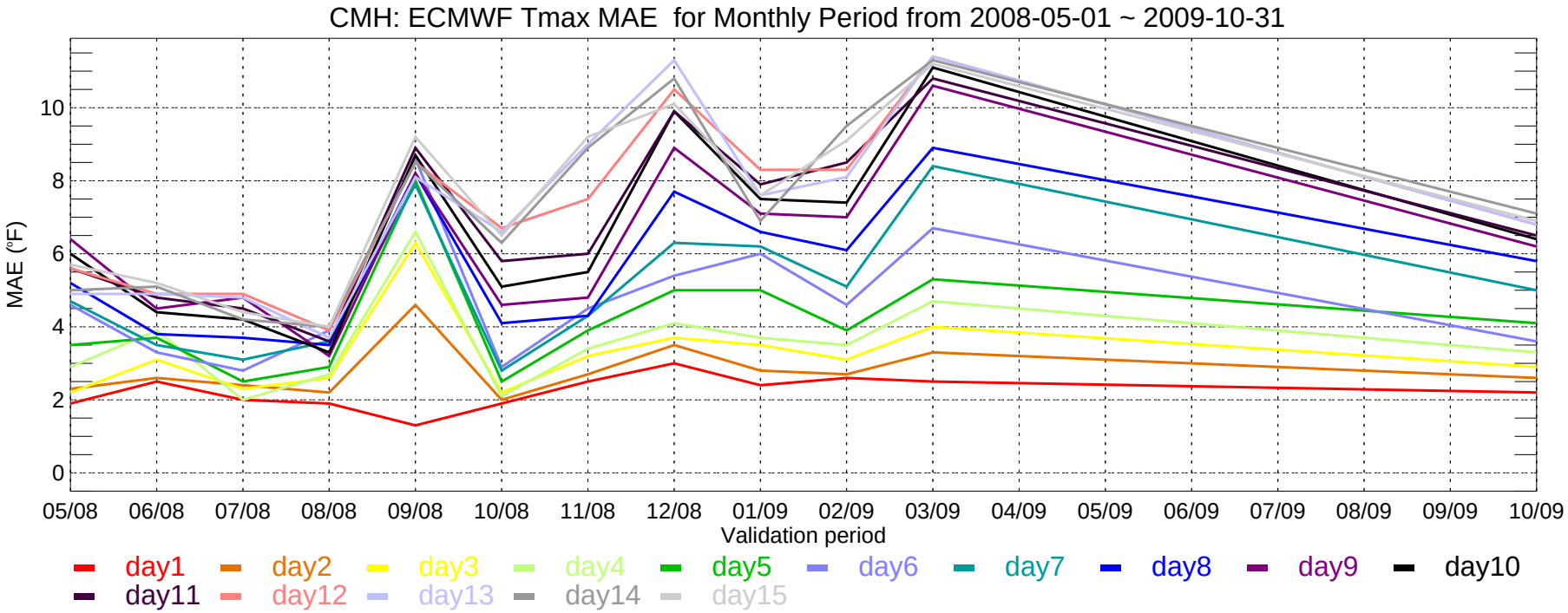
CMH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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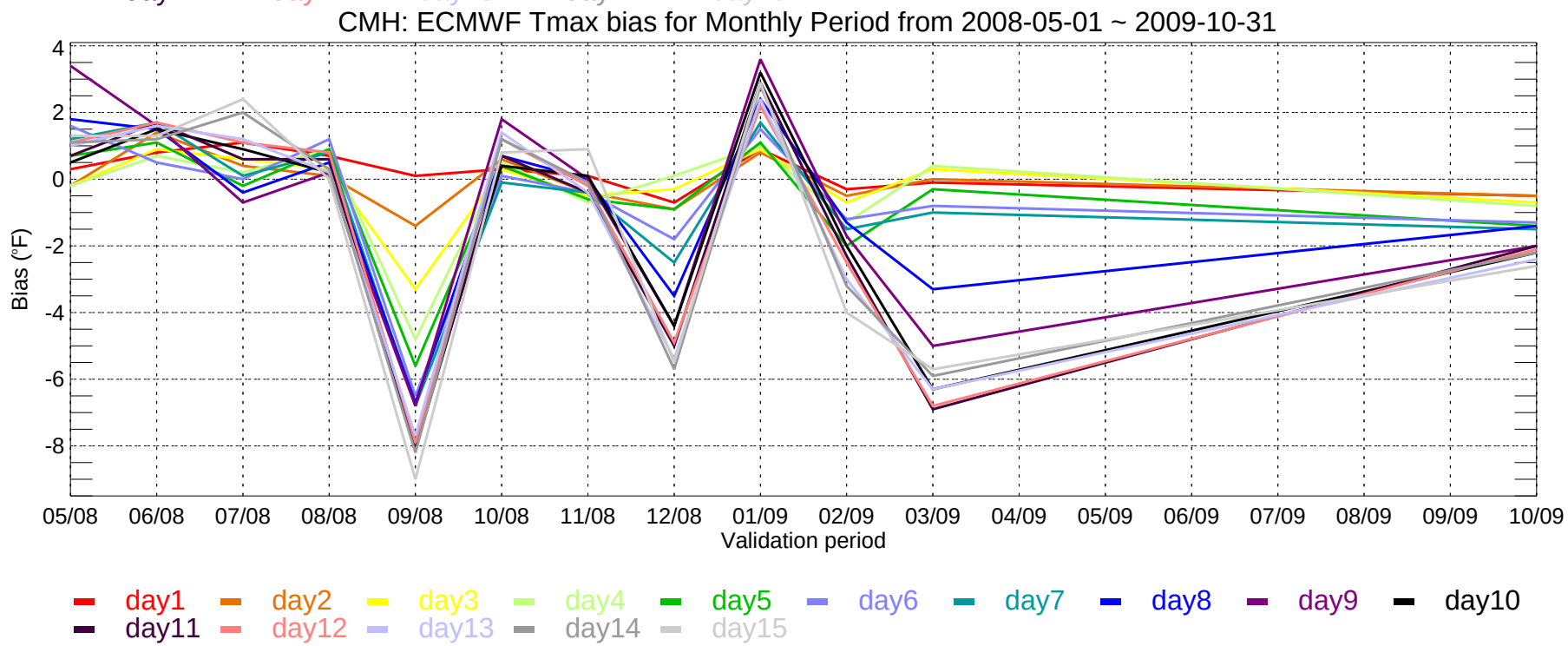
CMH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
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Validation period
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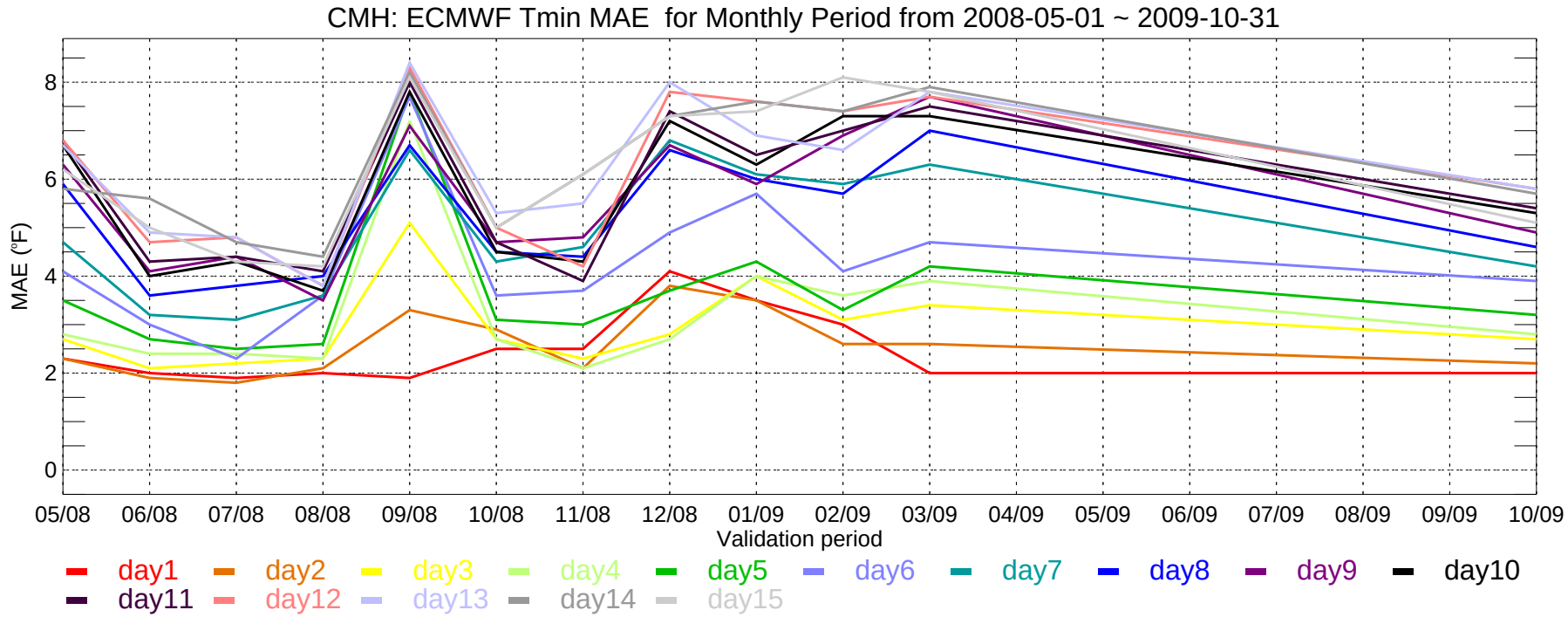
CMH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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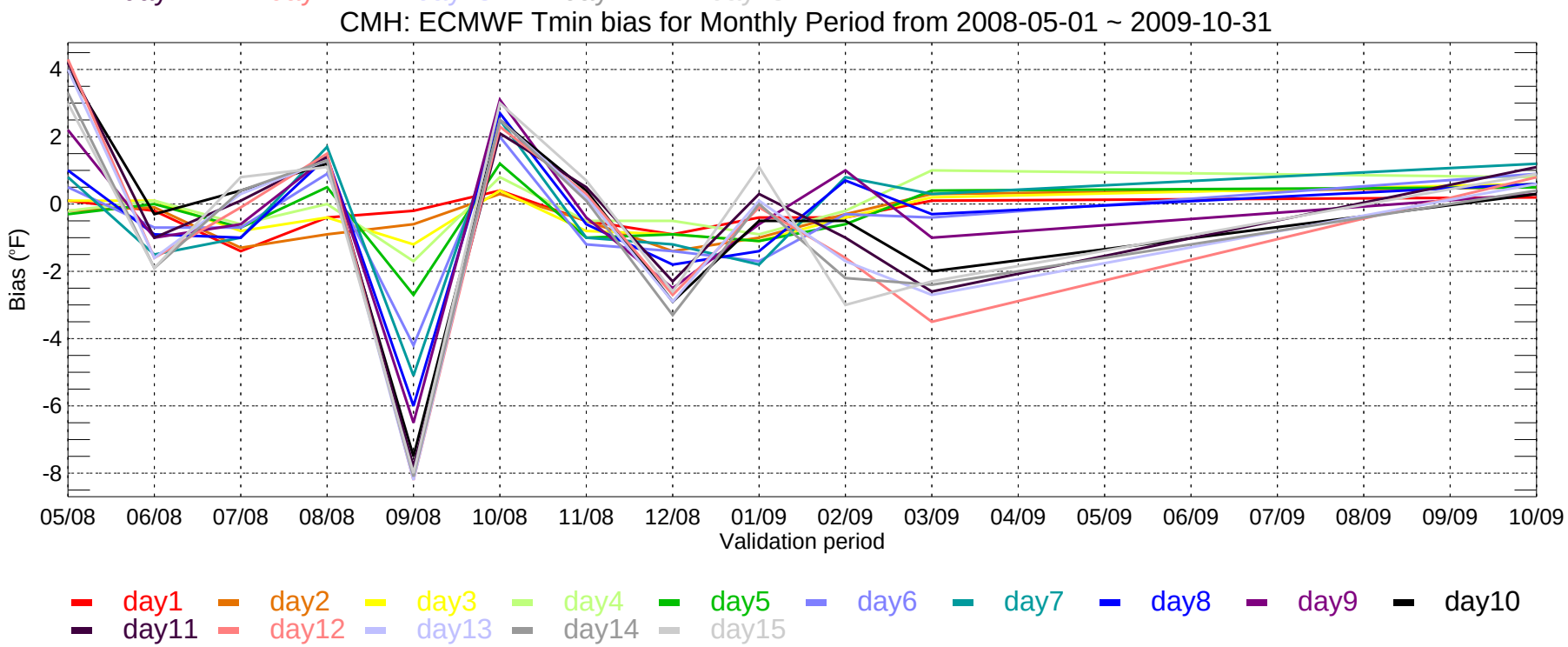
CMH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
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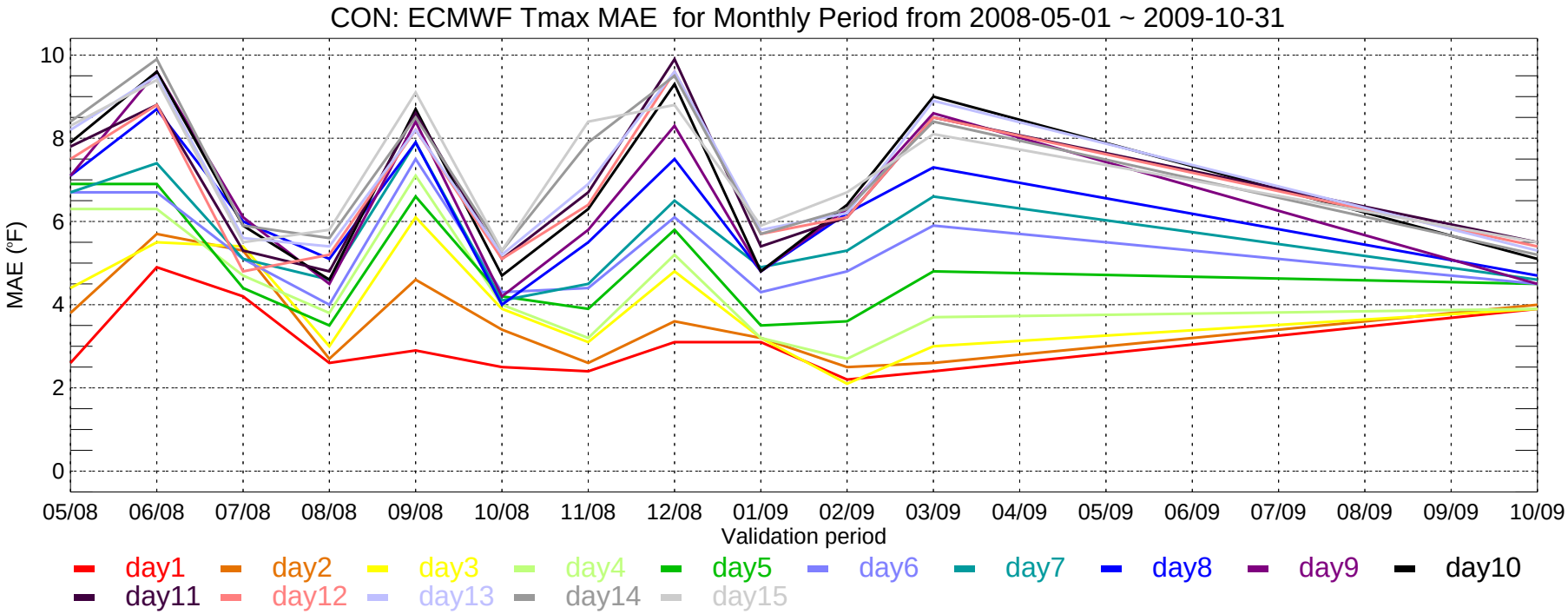
CON: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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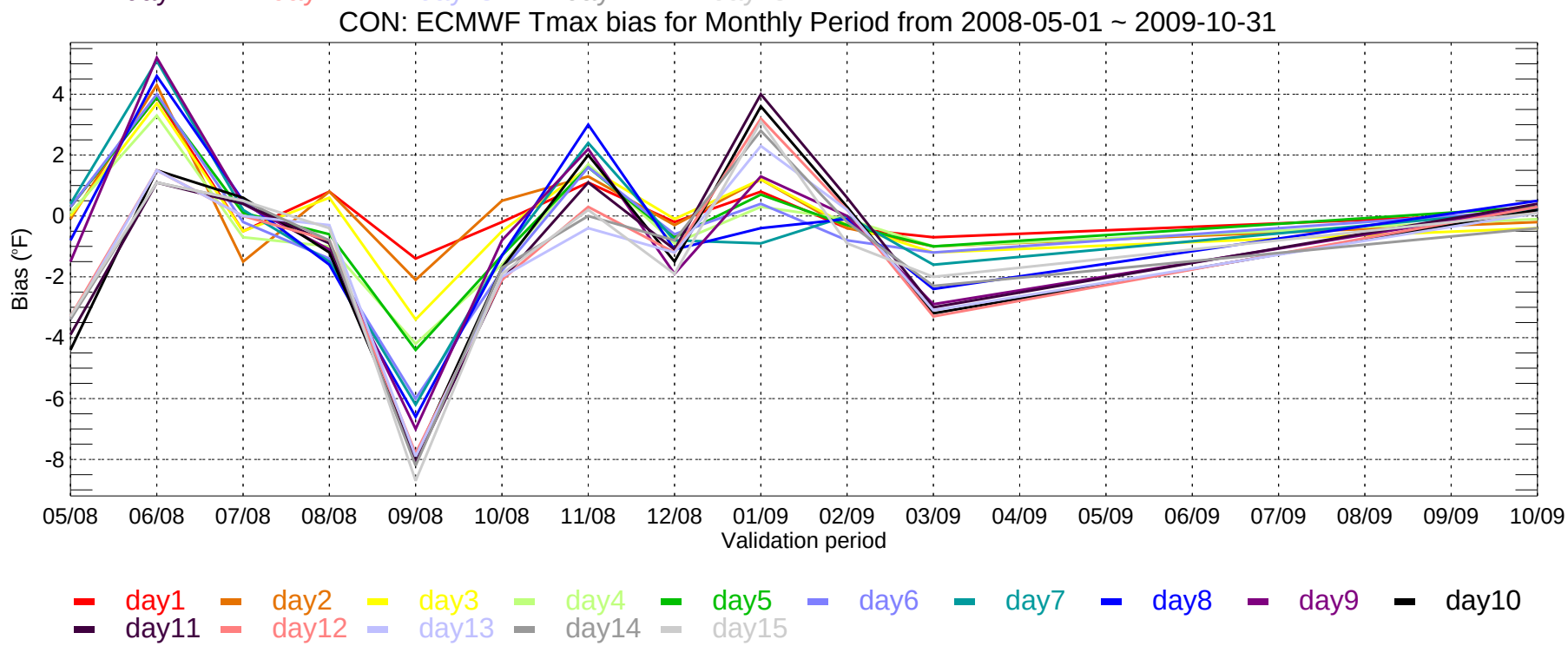
CON: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
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Validation period
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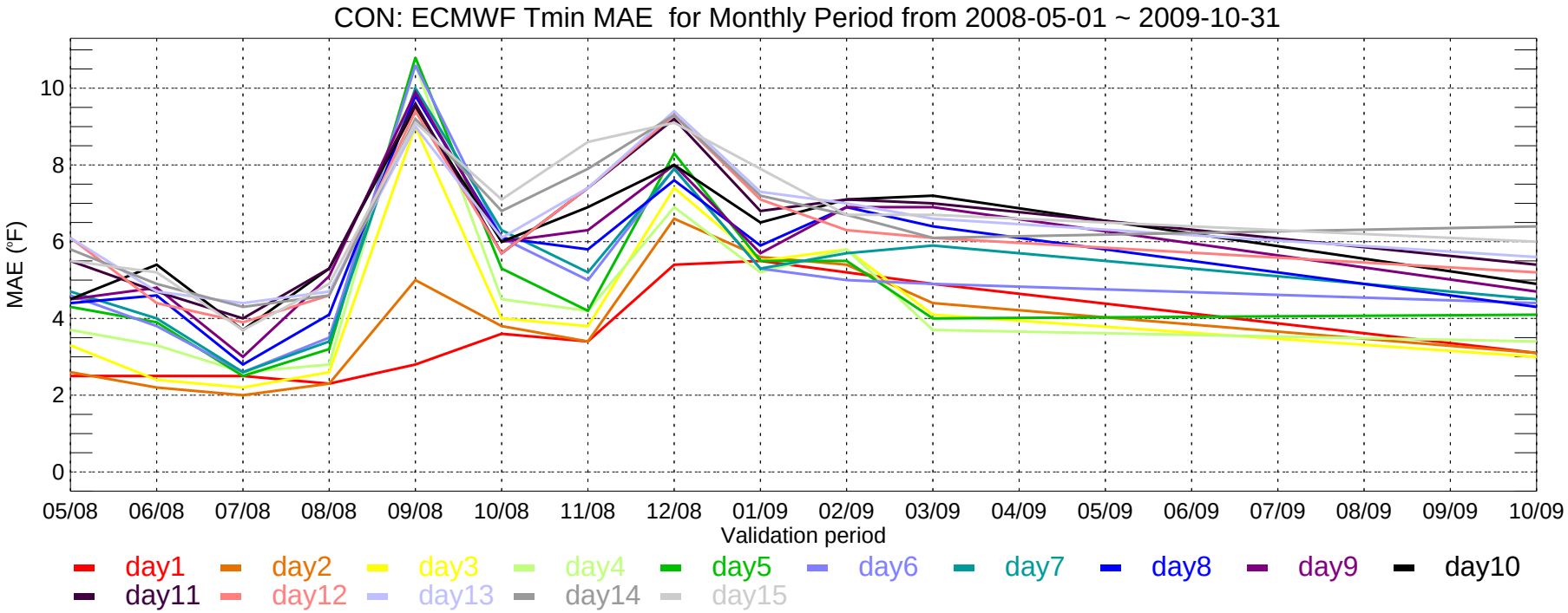
CON: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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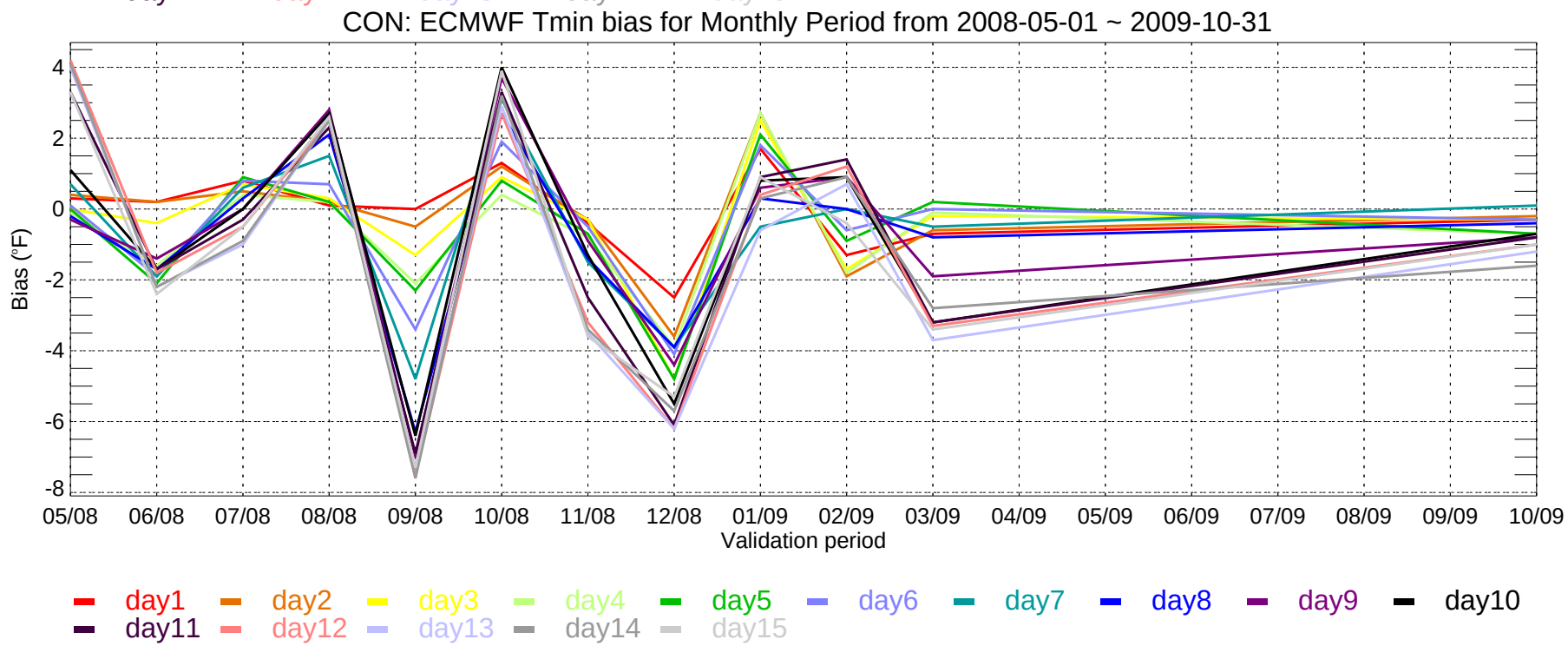
CON: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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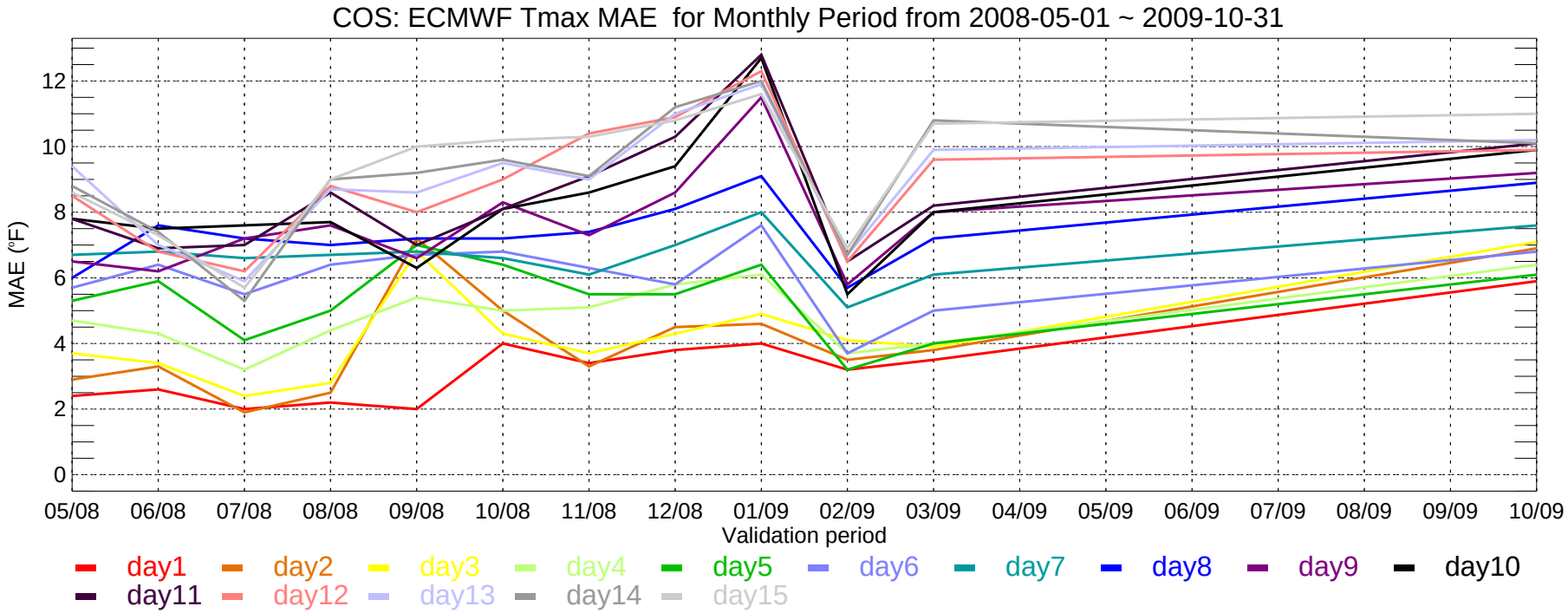
day12
day13
day14
day15


COS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day7
day8
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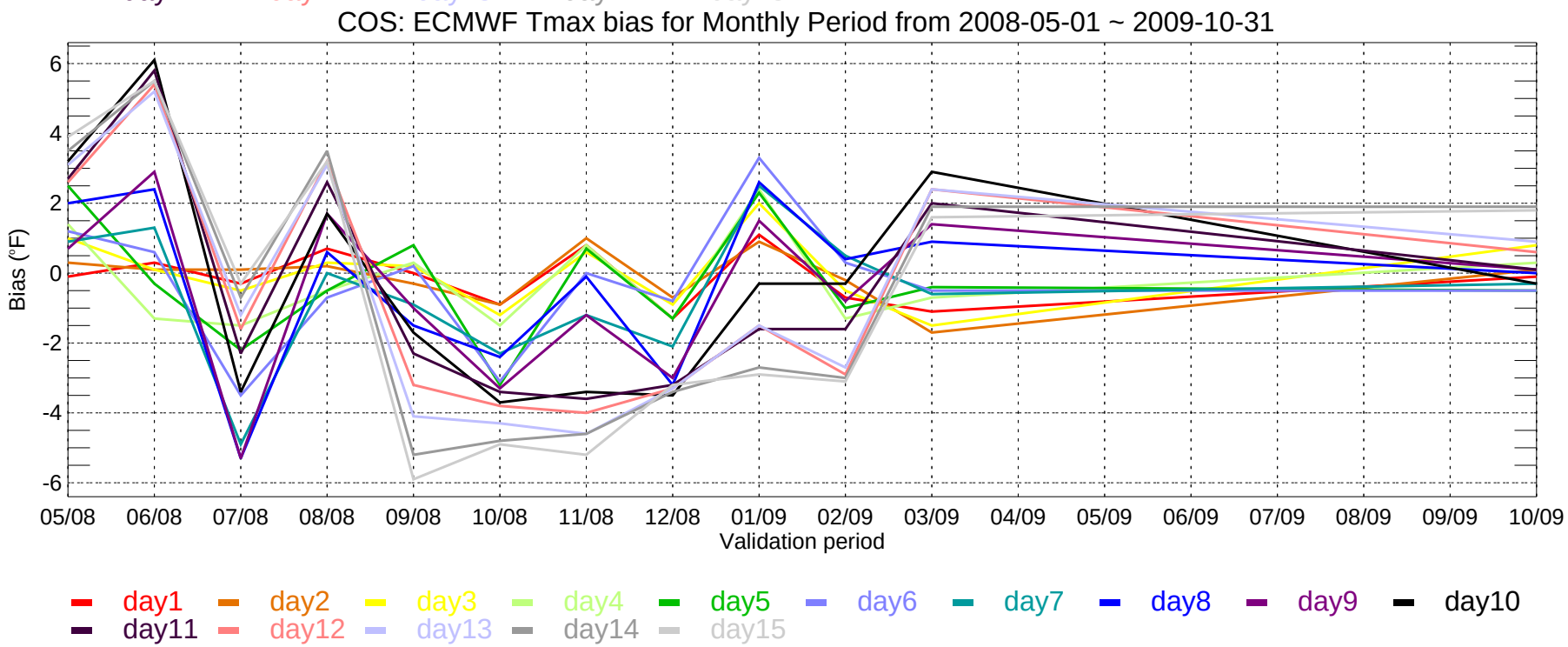
day12
day13
day14
day15


COS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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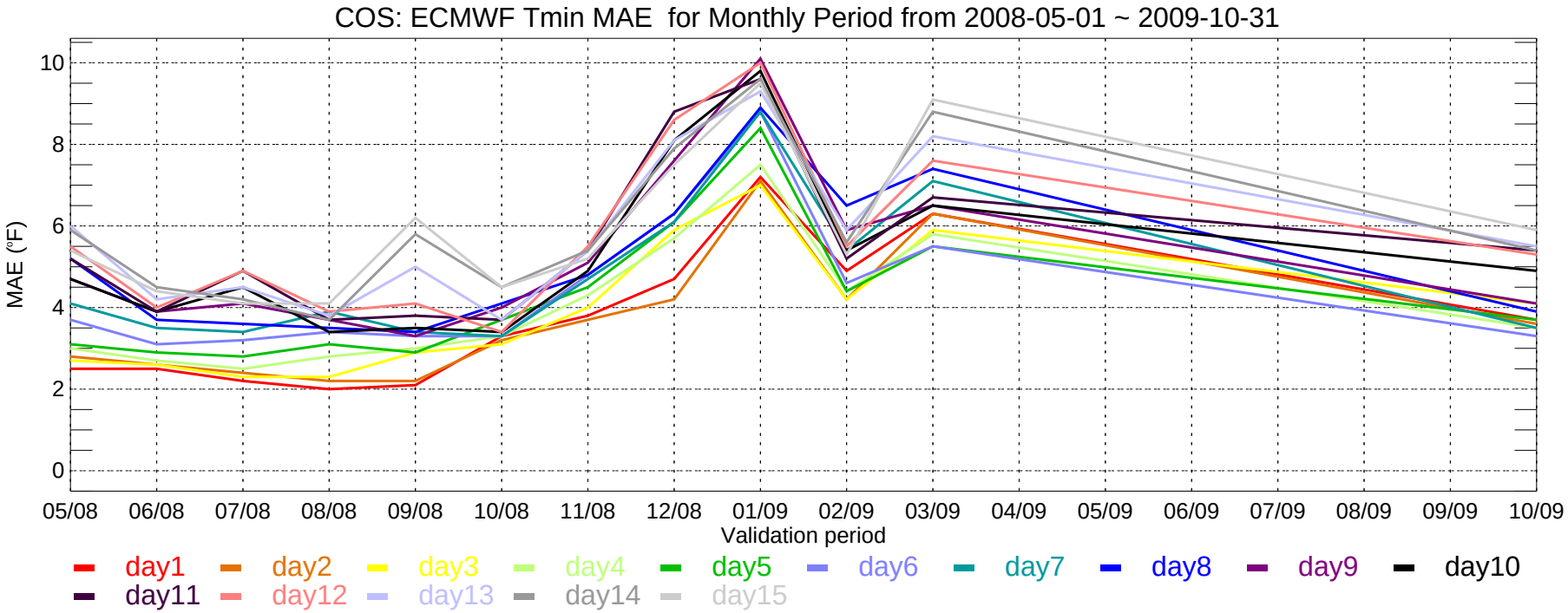
day11
day12
day13
day14
day15


COS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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day7
day8
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day10
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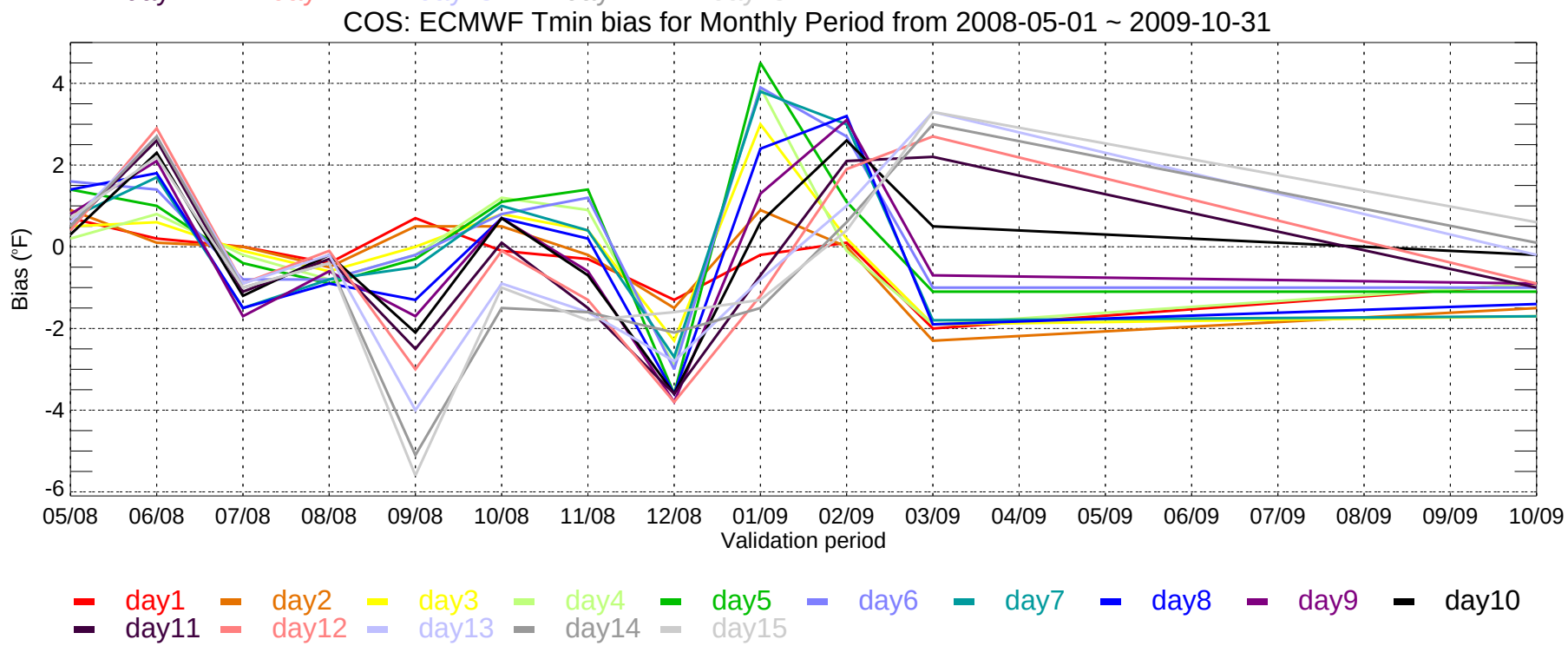
day13
day14
day15


COS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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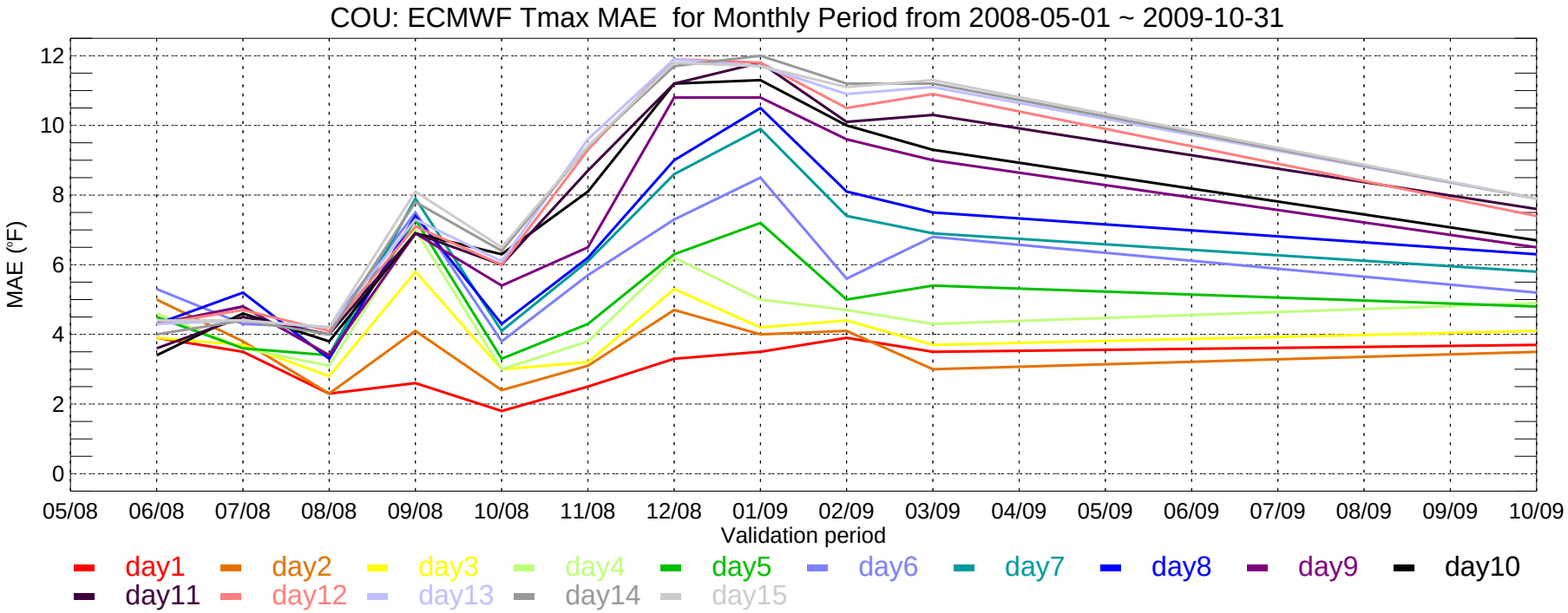
day14
day15


COU: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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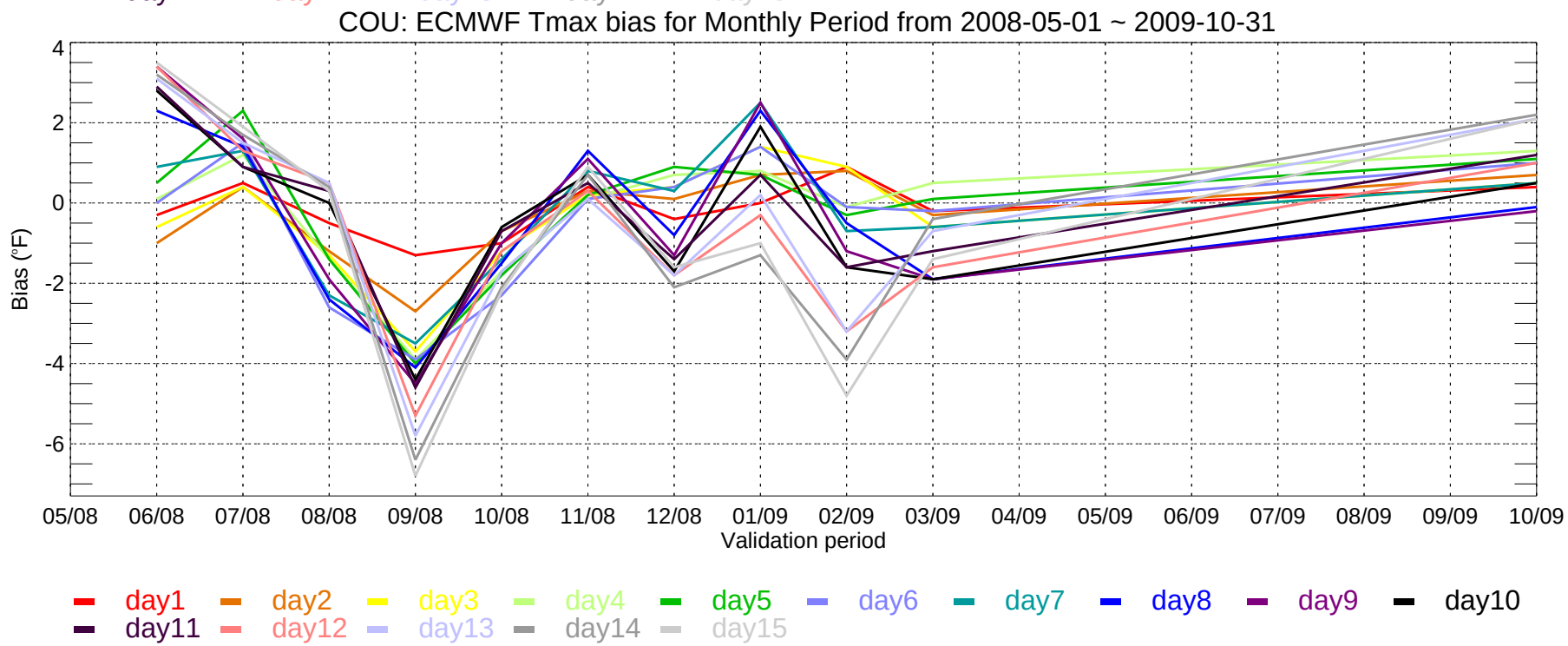
day13
day14
day15


COU: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
day8
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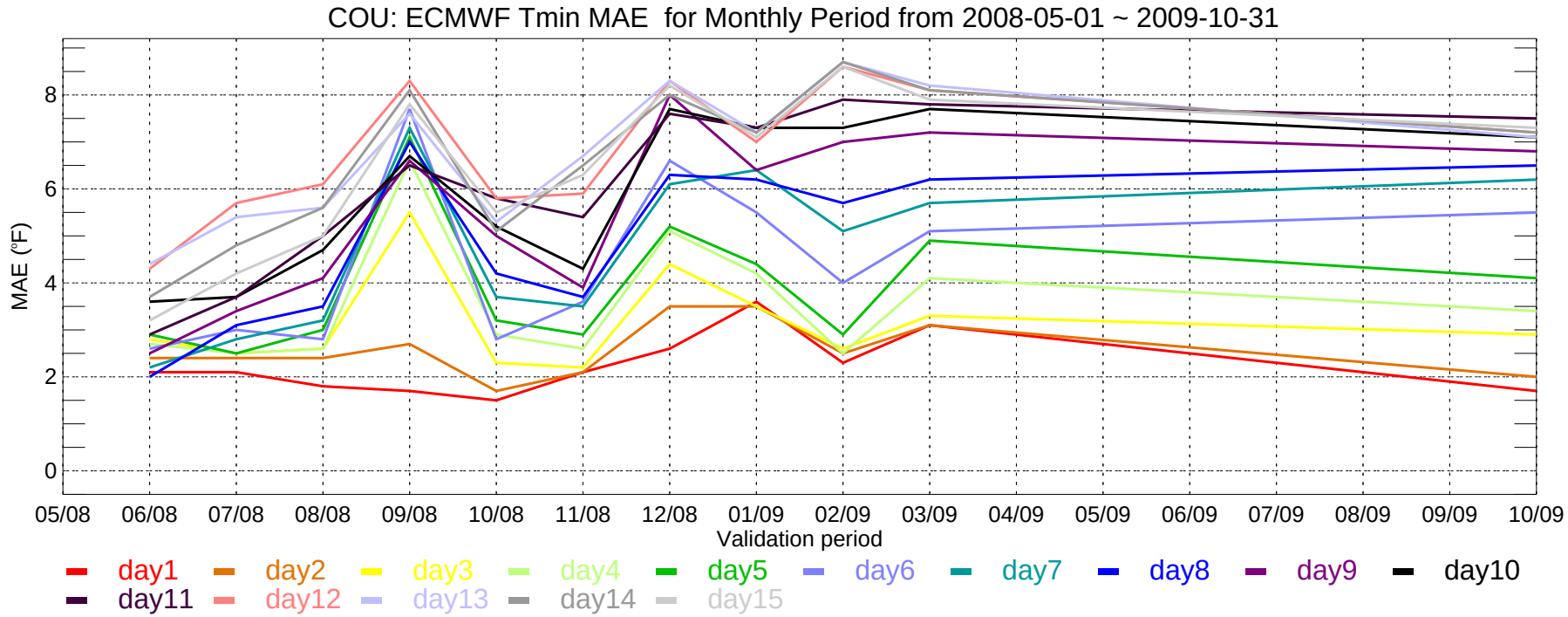
day13
day14
day15


COU: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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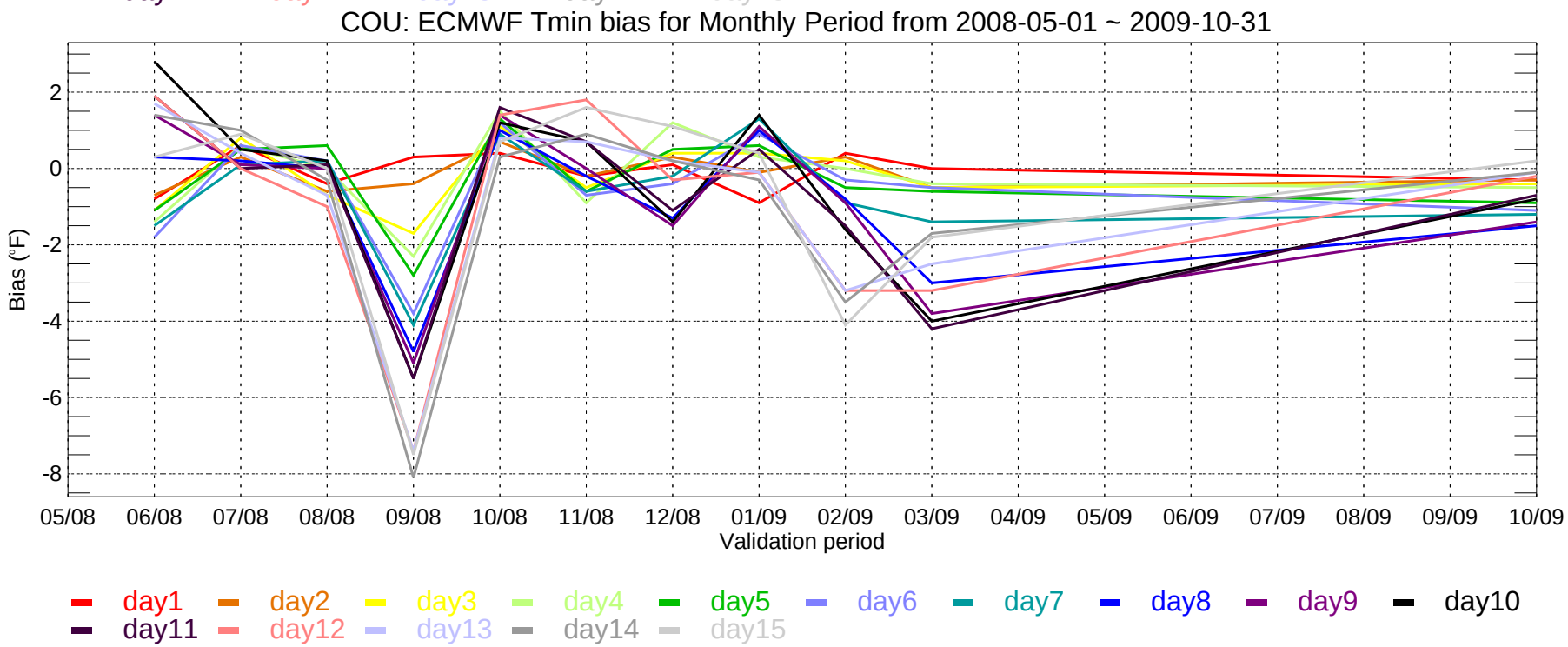
day14
day15


COU: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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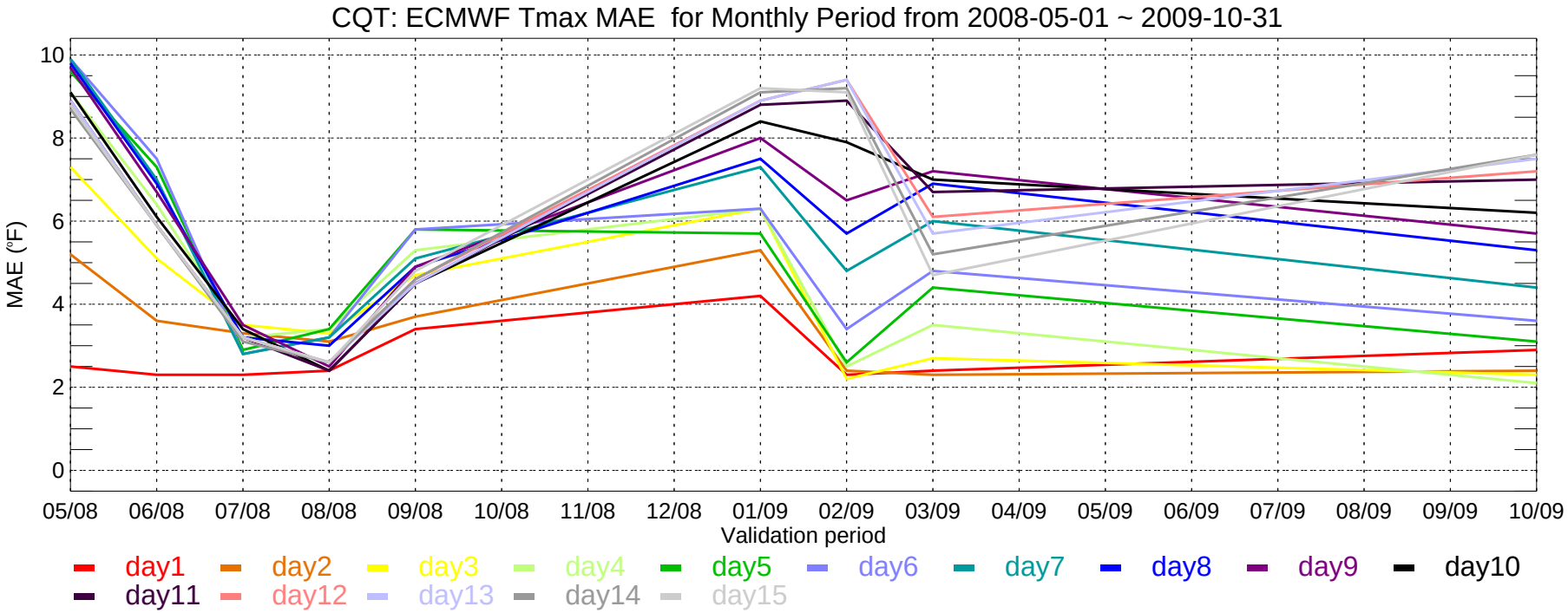
day14
day15


CQT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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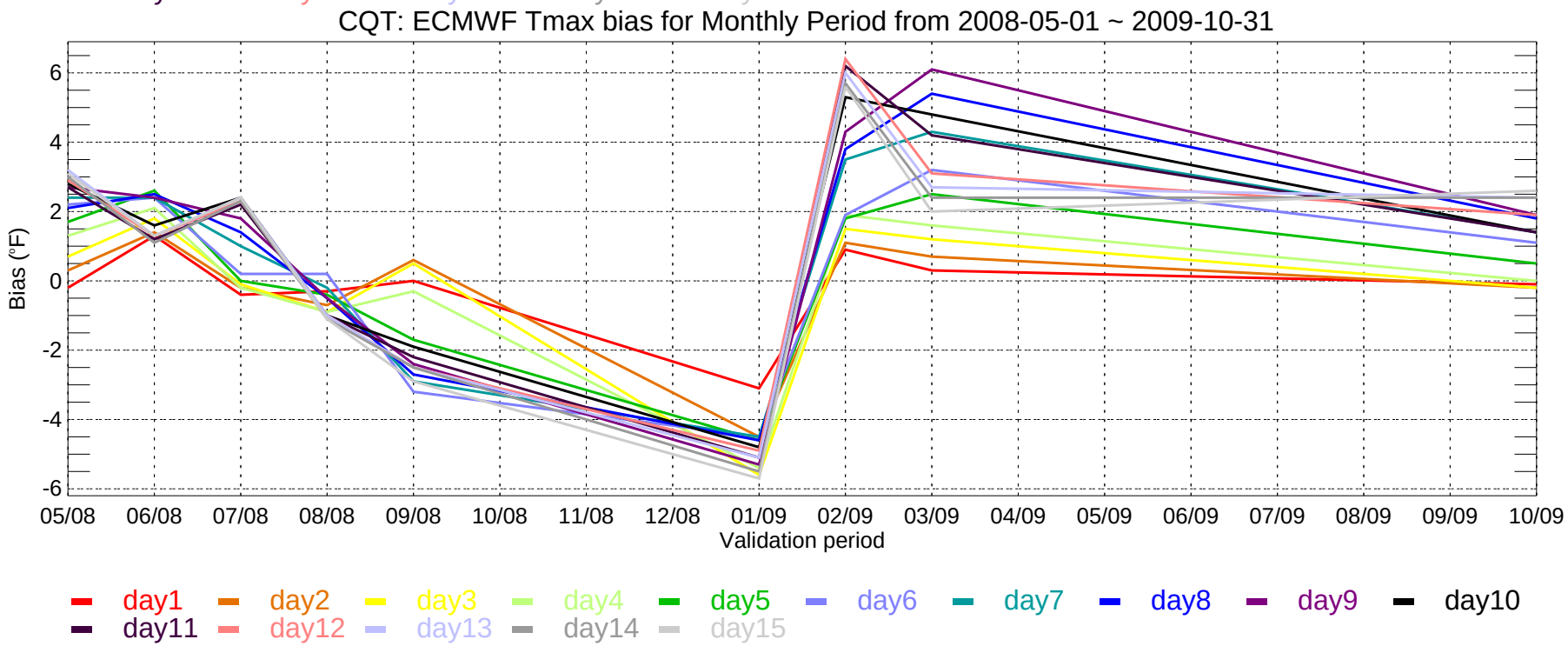
day14
day15


CQT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day3
day4
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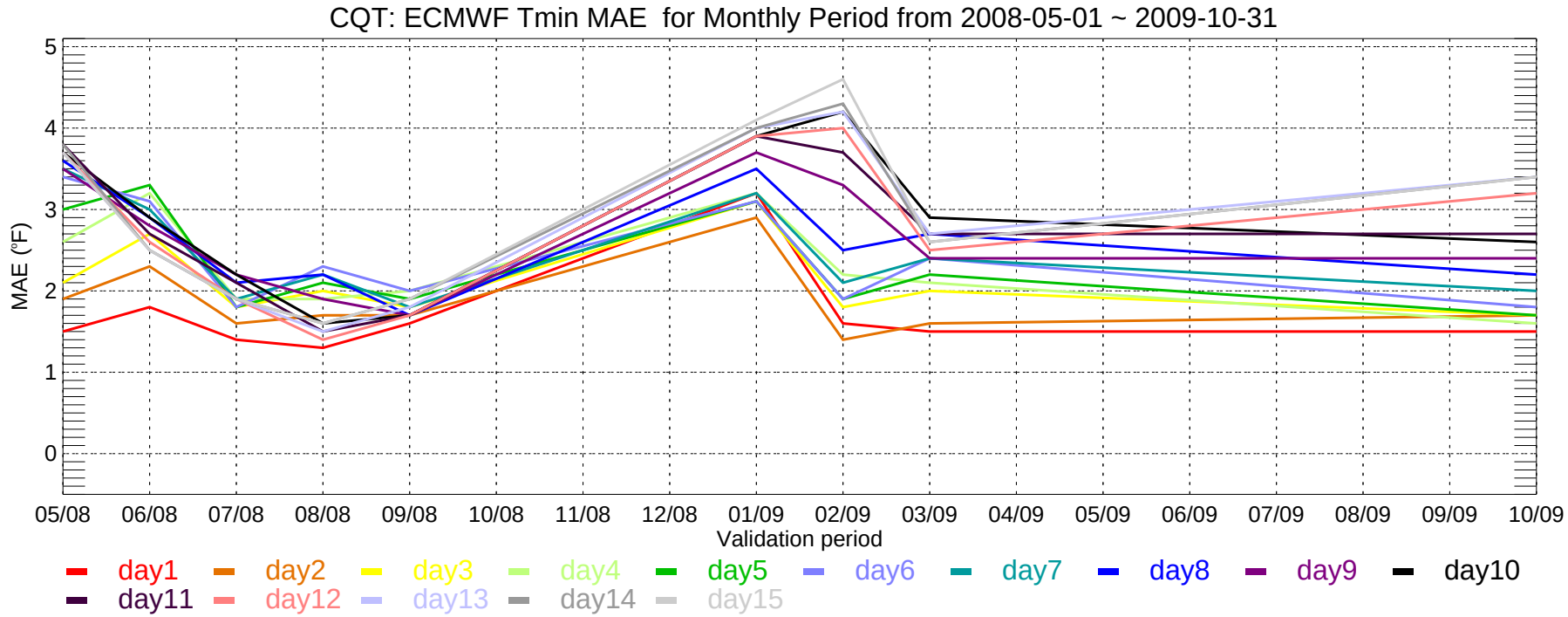
day14
day15


CQT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
5
4
3
2
1
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day7
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day10
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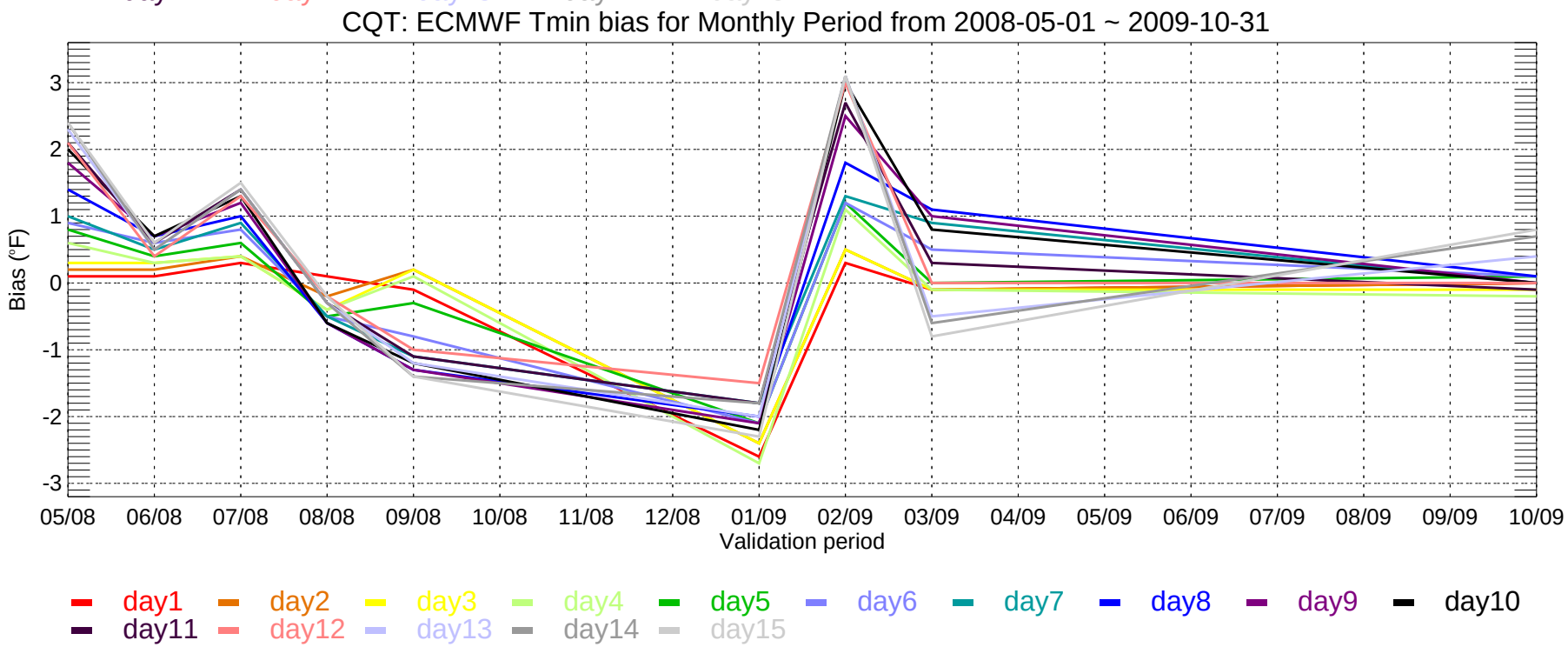
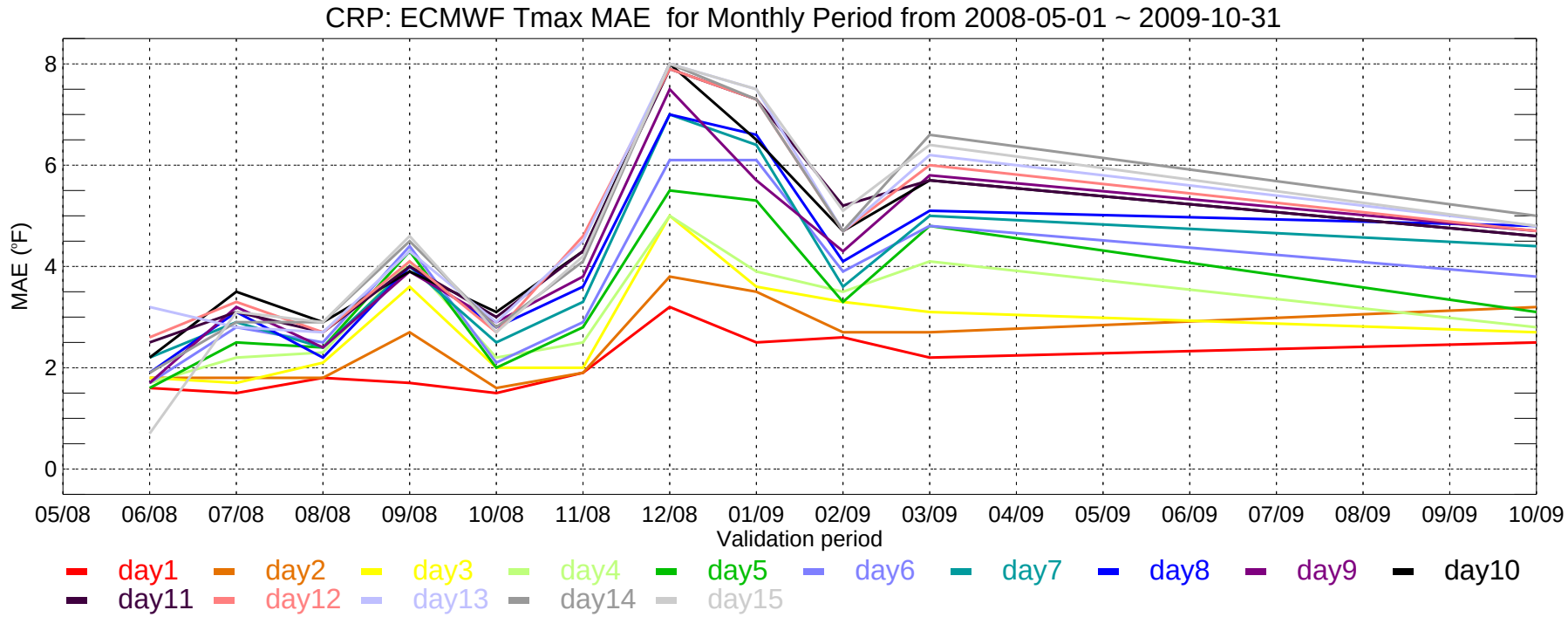
day13
day14
day15


CQT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
3
2
1
0
-1
-2
-3
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


CRP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
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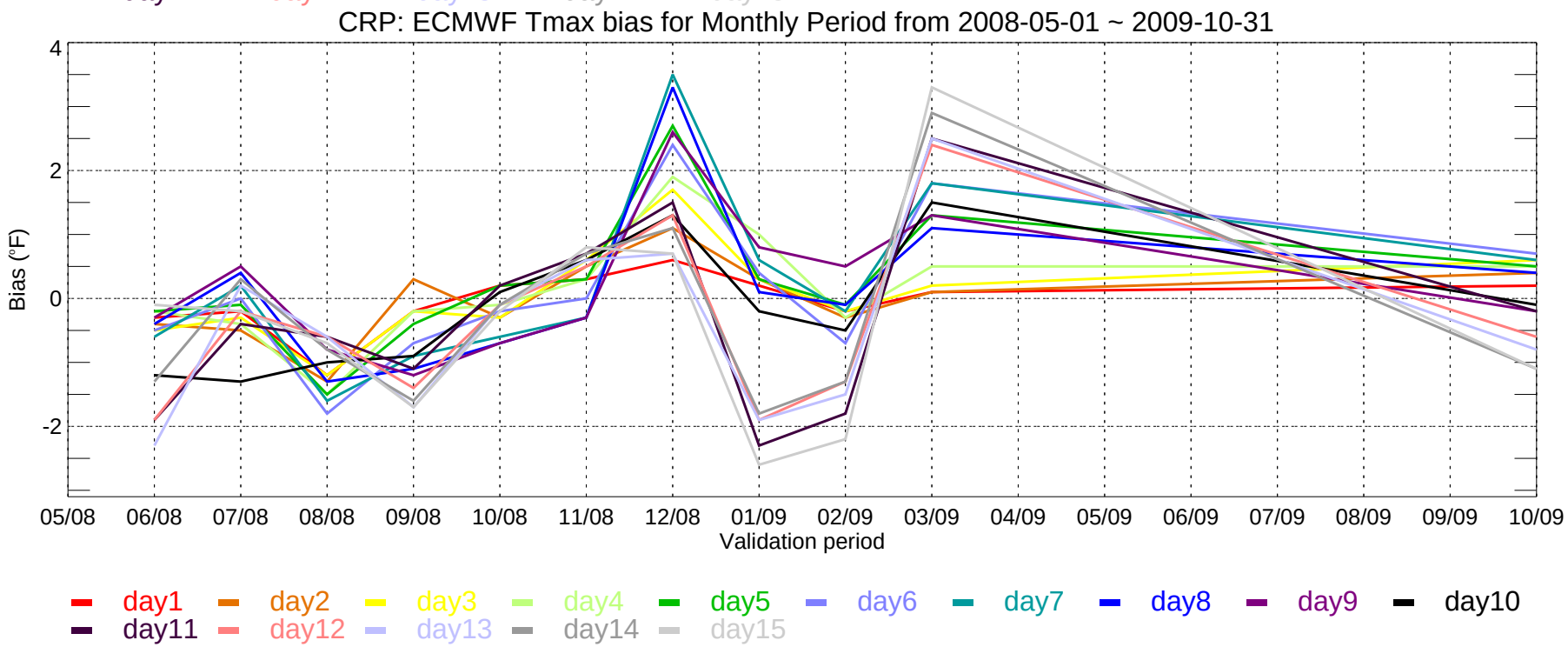
day10
day11
day12
day13
day14
day15


CRP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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08/09
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10/09
Validation period
day1
day2
day3
day4
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day6
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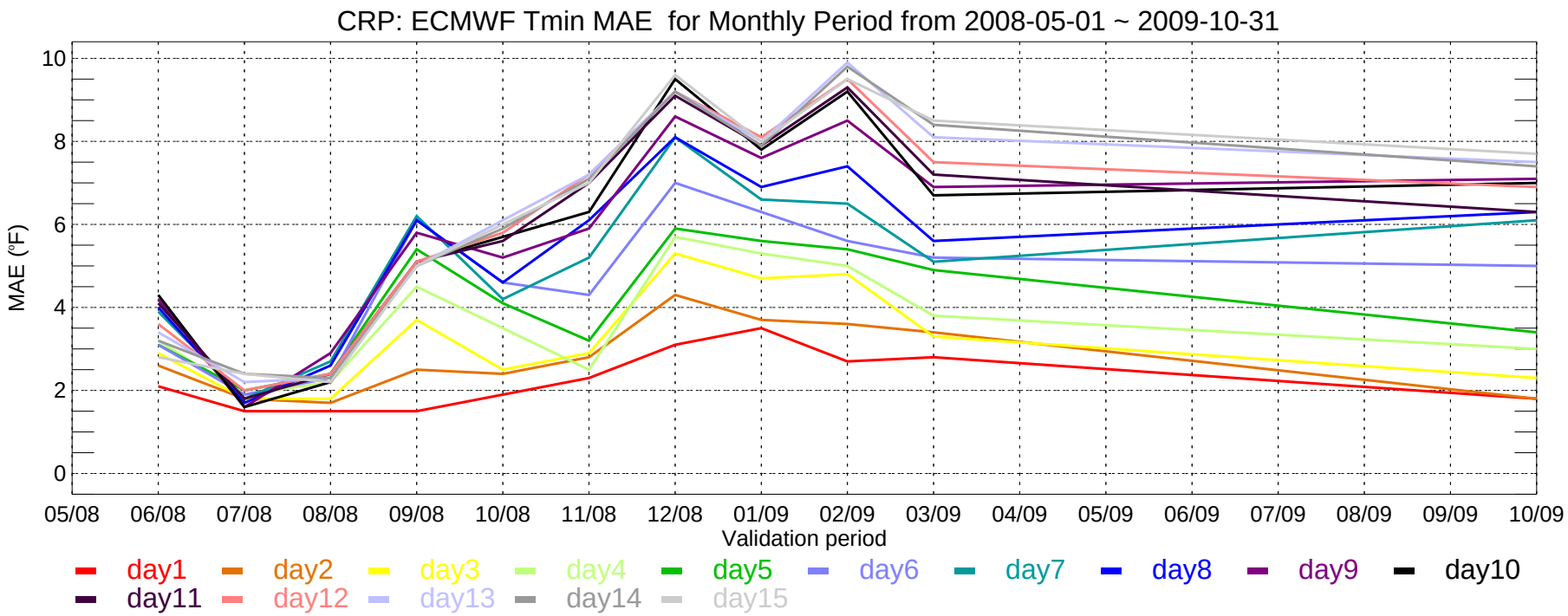
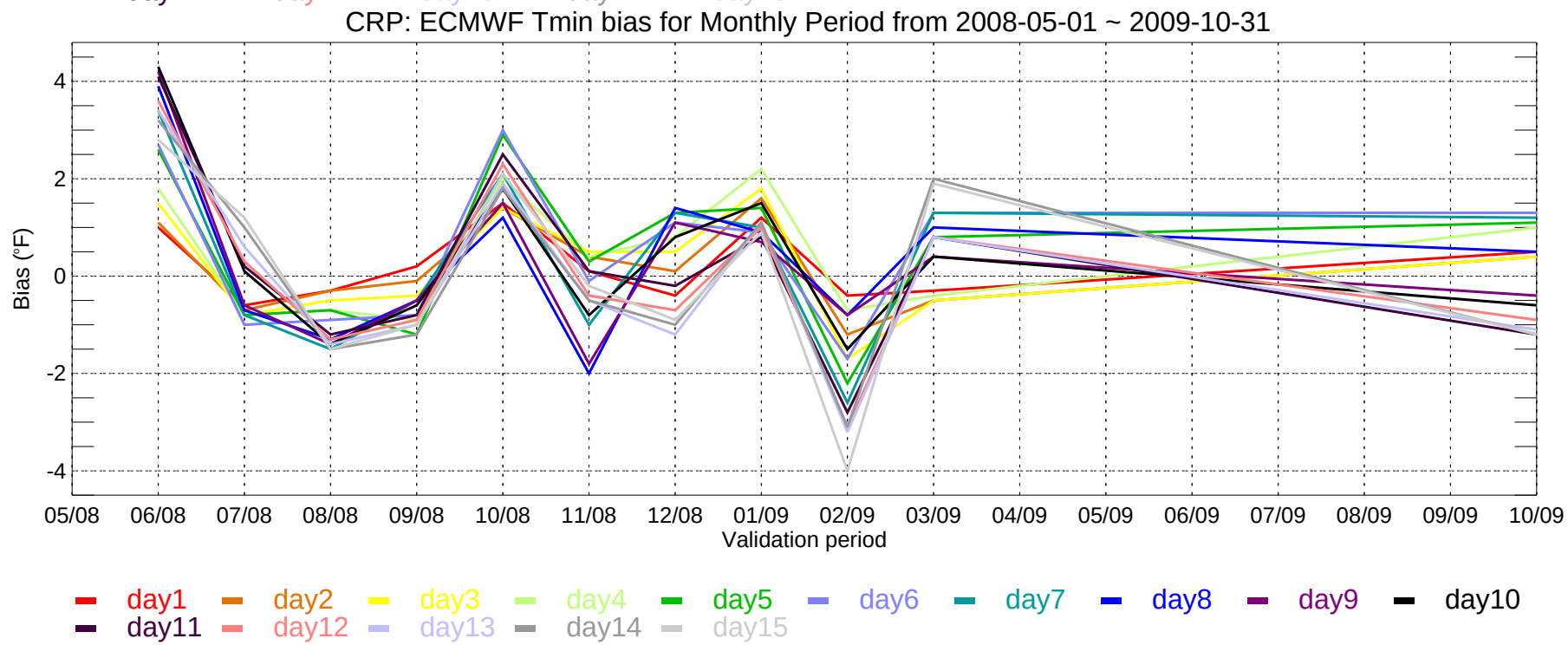
day11
day12
day13
day14
day15


CRP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


CRP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
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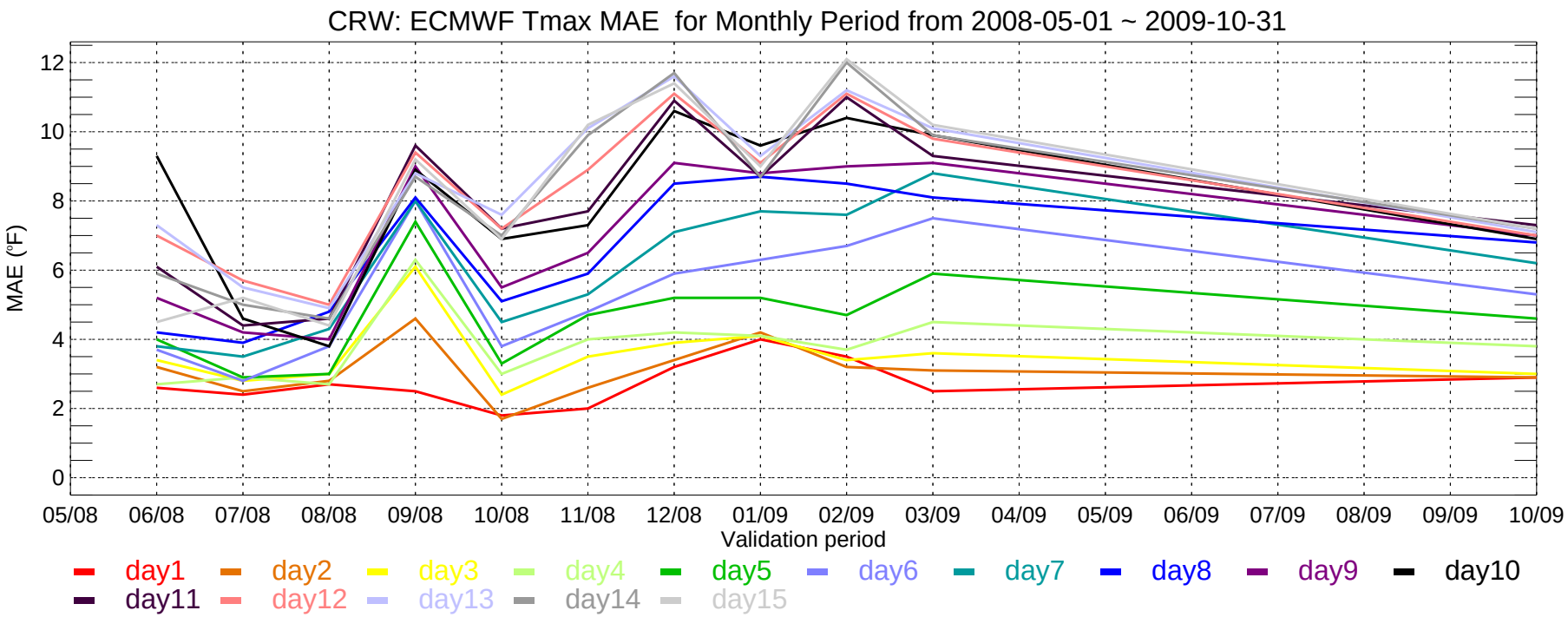
day13
day14
day15


CRW: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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day6
day7
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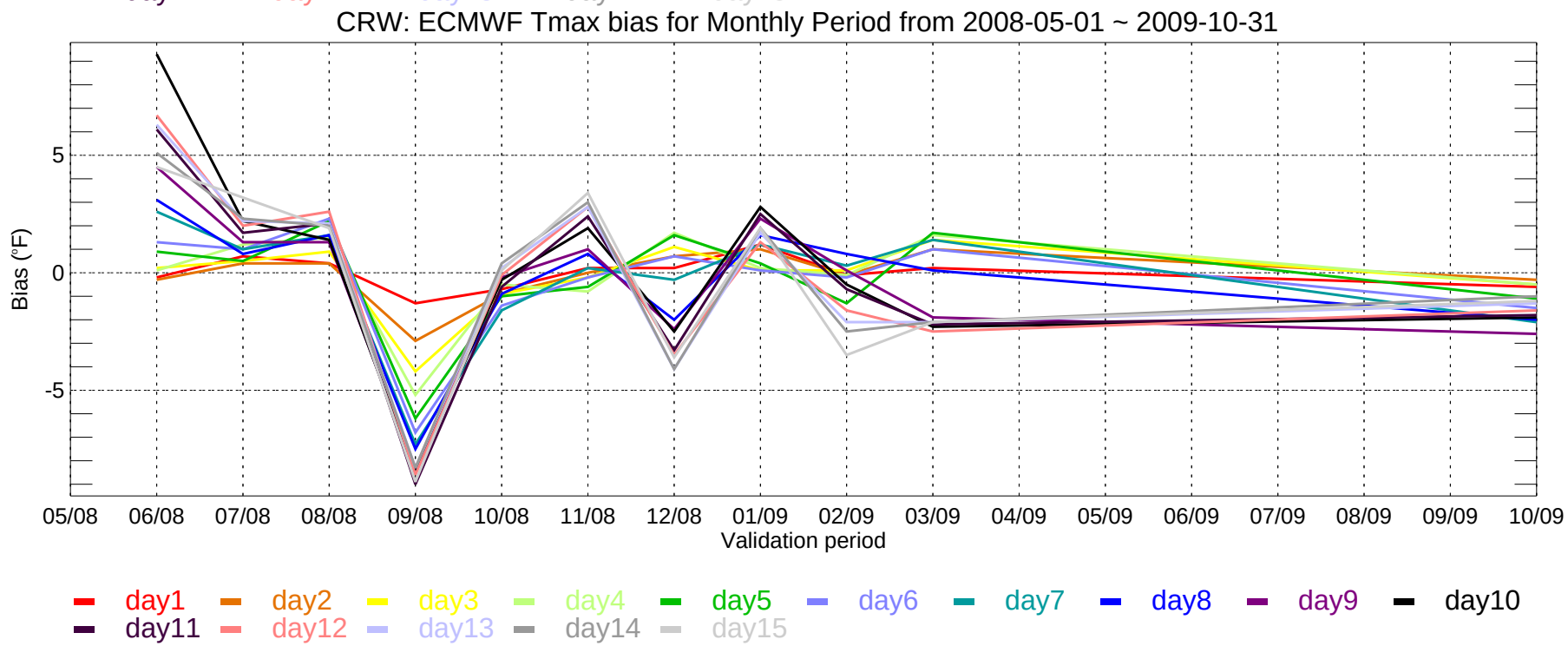
day14
day15


CRW: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-5
0
5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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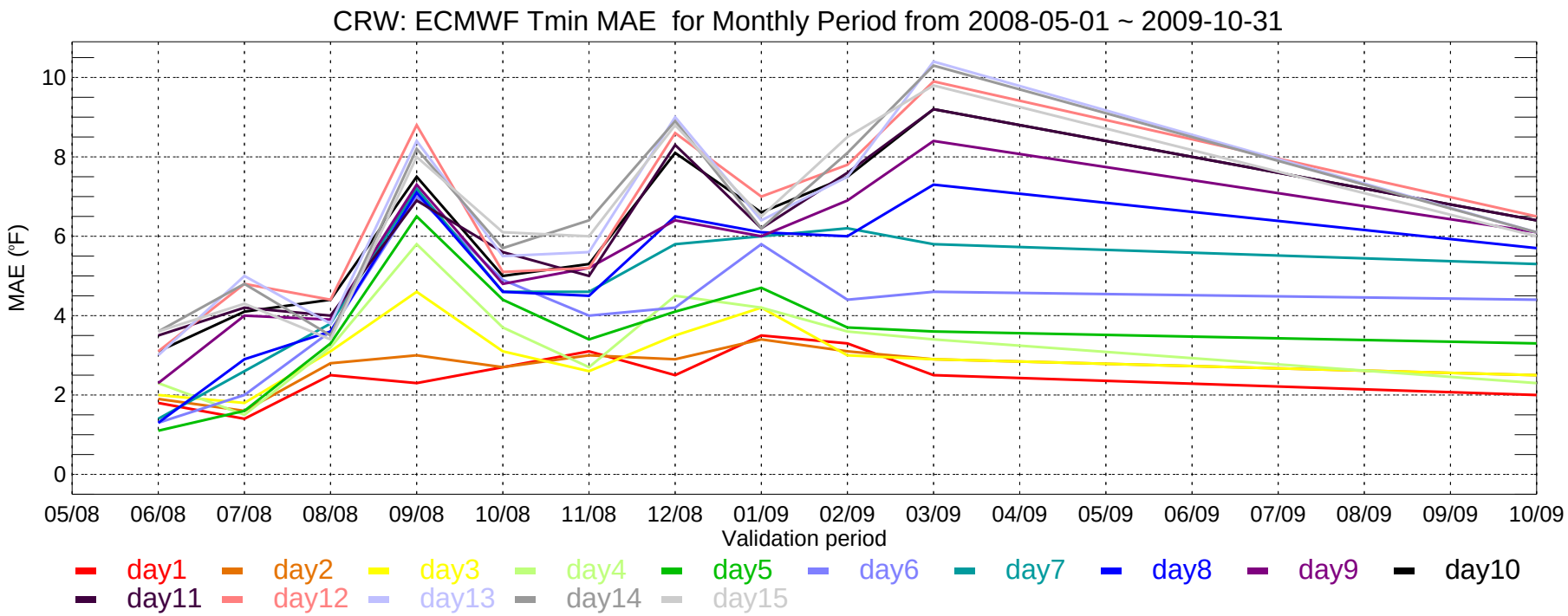
day15


CRW: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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10/09
Validation period
day1
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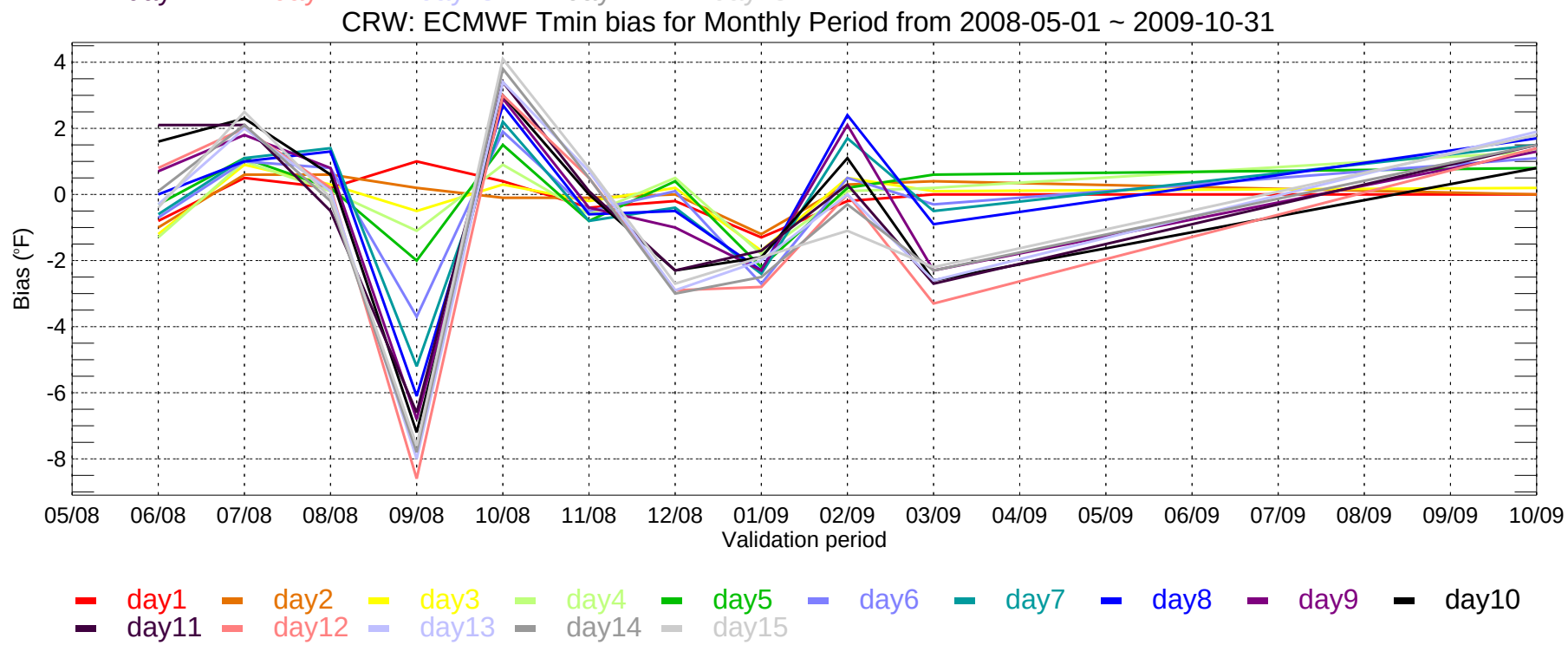
day15


CRW: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
day1
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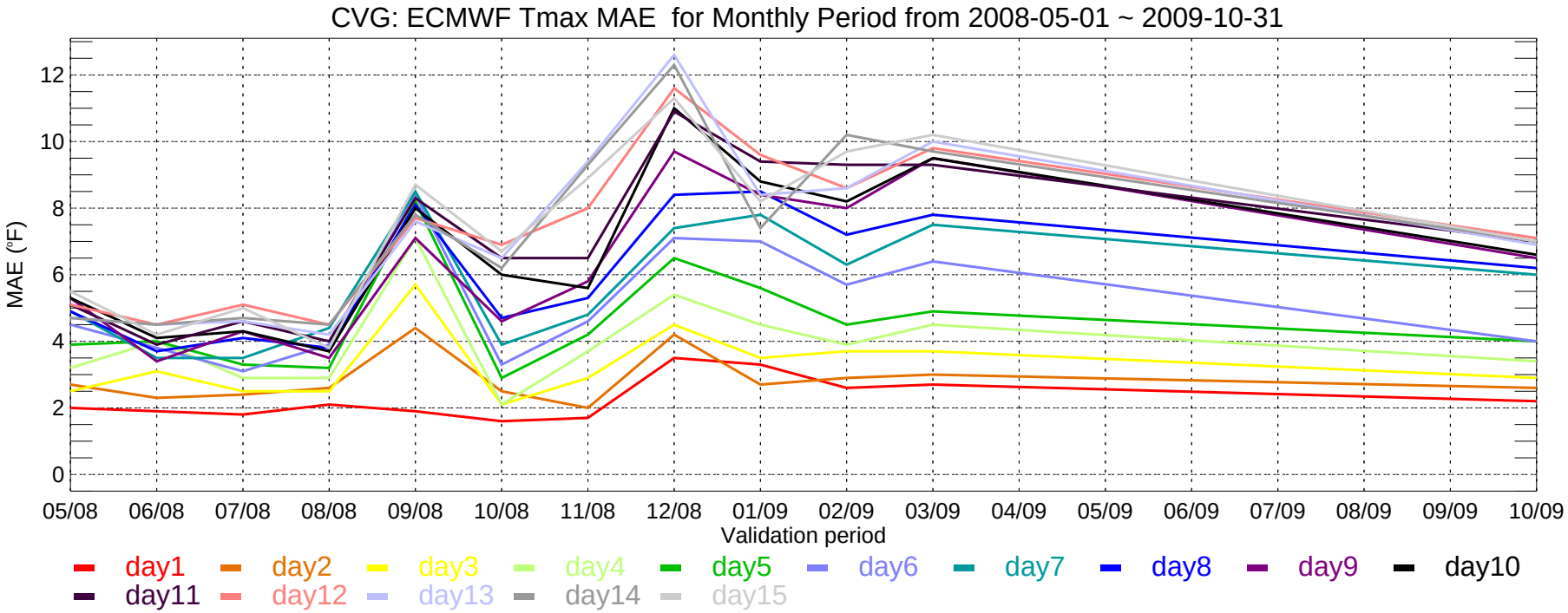
day15


CVG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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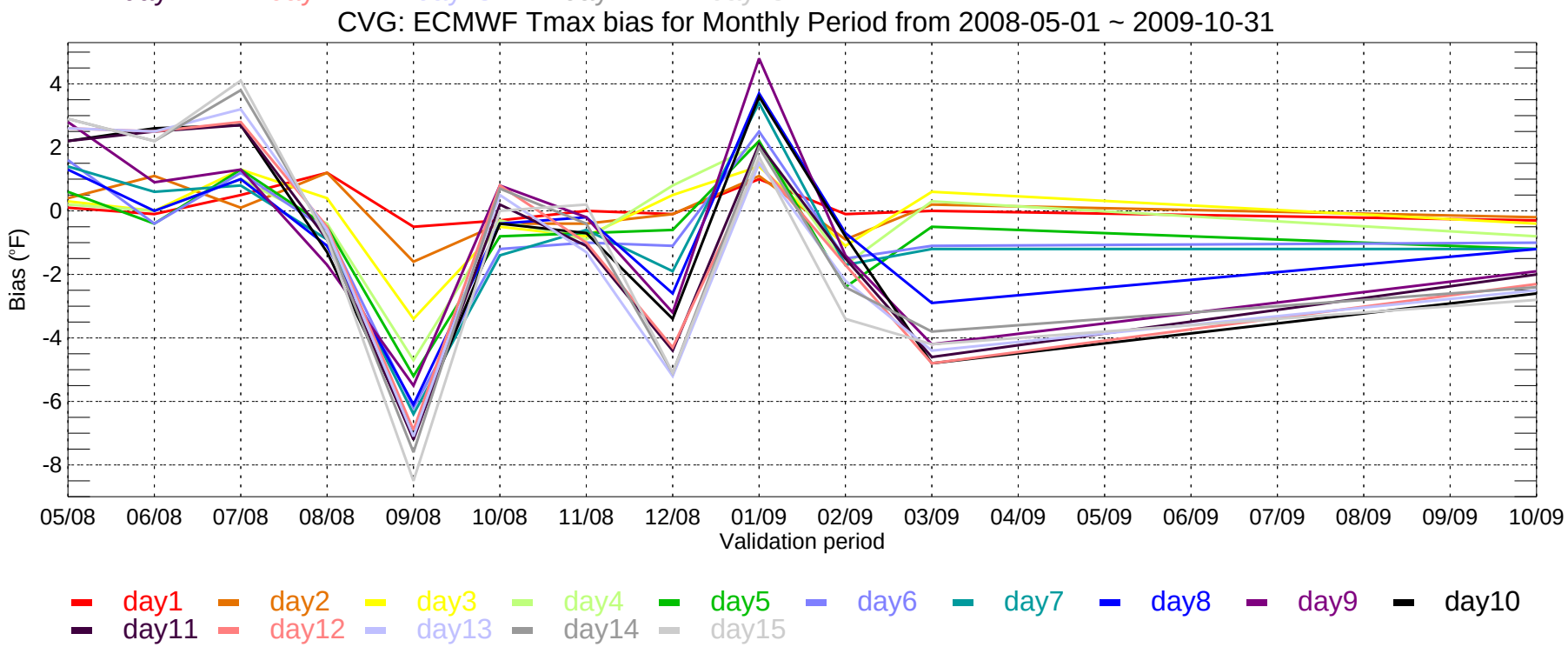
day15


CVG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
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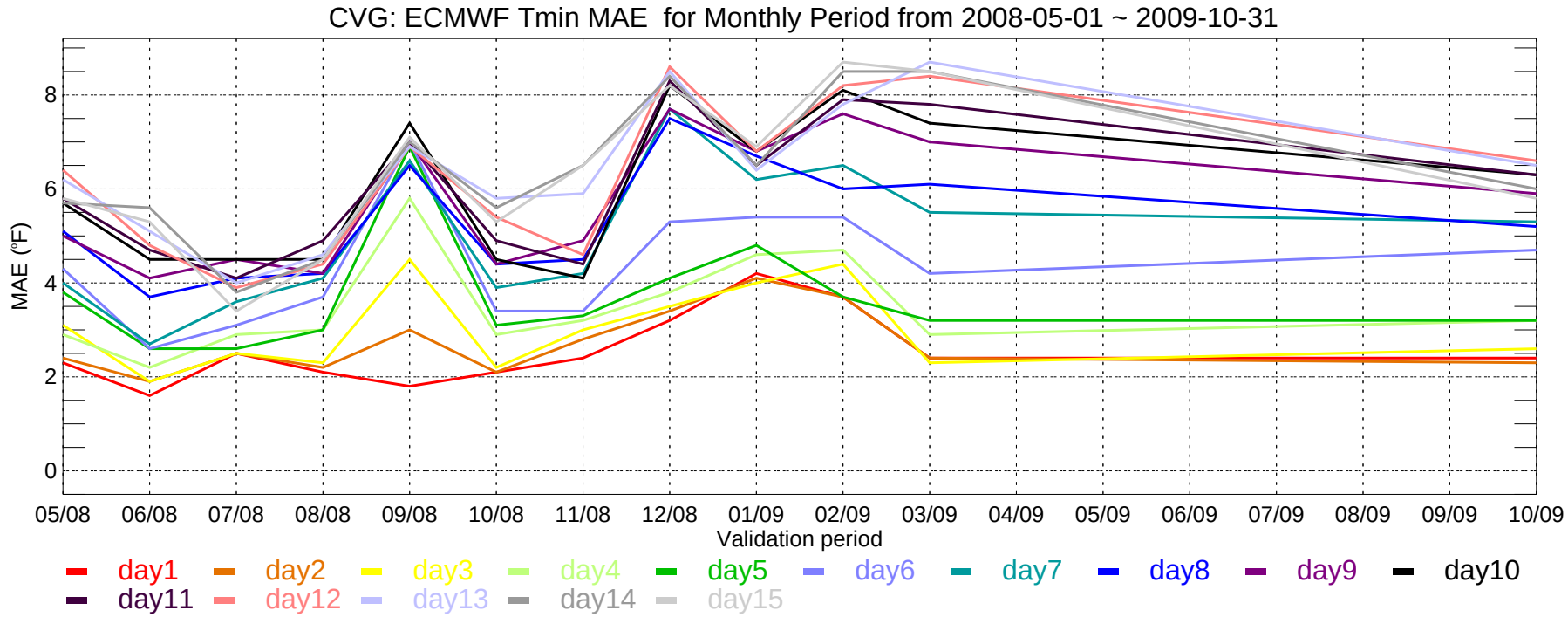
day15


CVG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
07/09
08/09
09/09
10/09
Validation period
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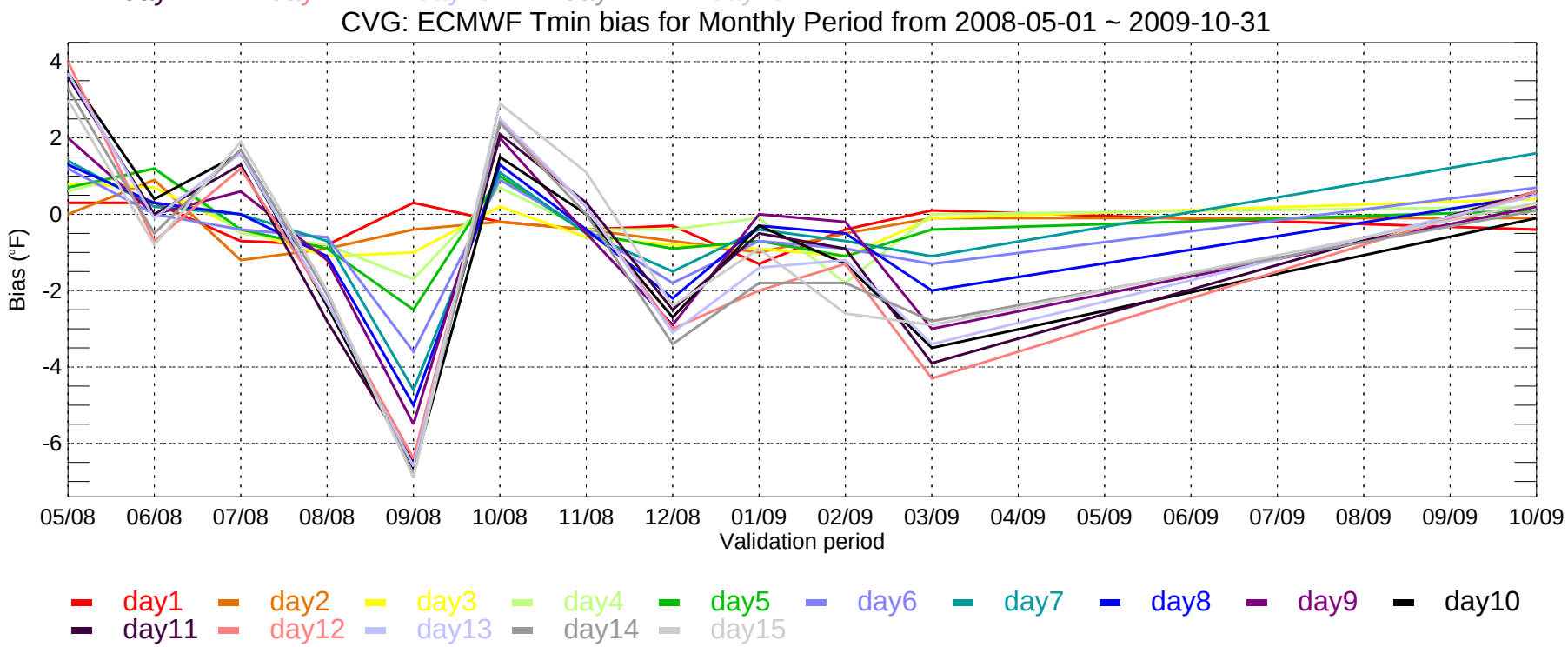
day15


CVG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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10/09
Validation period
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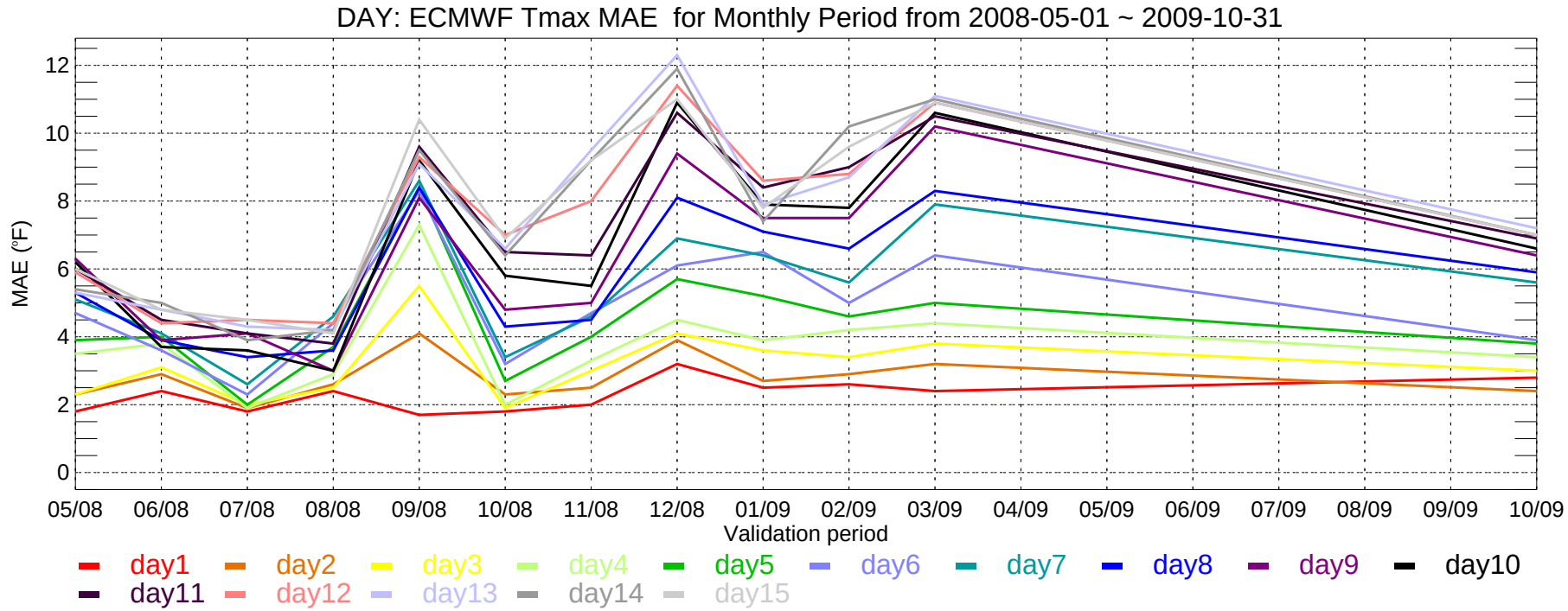
DAY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
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8
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12
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06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
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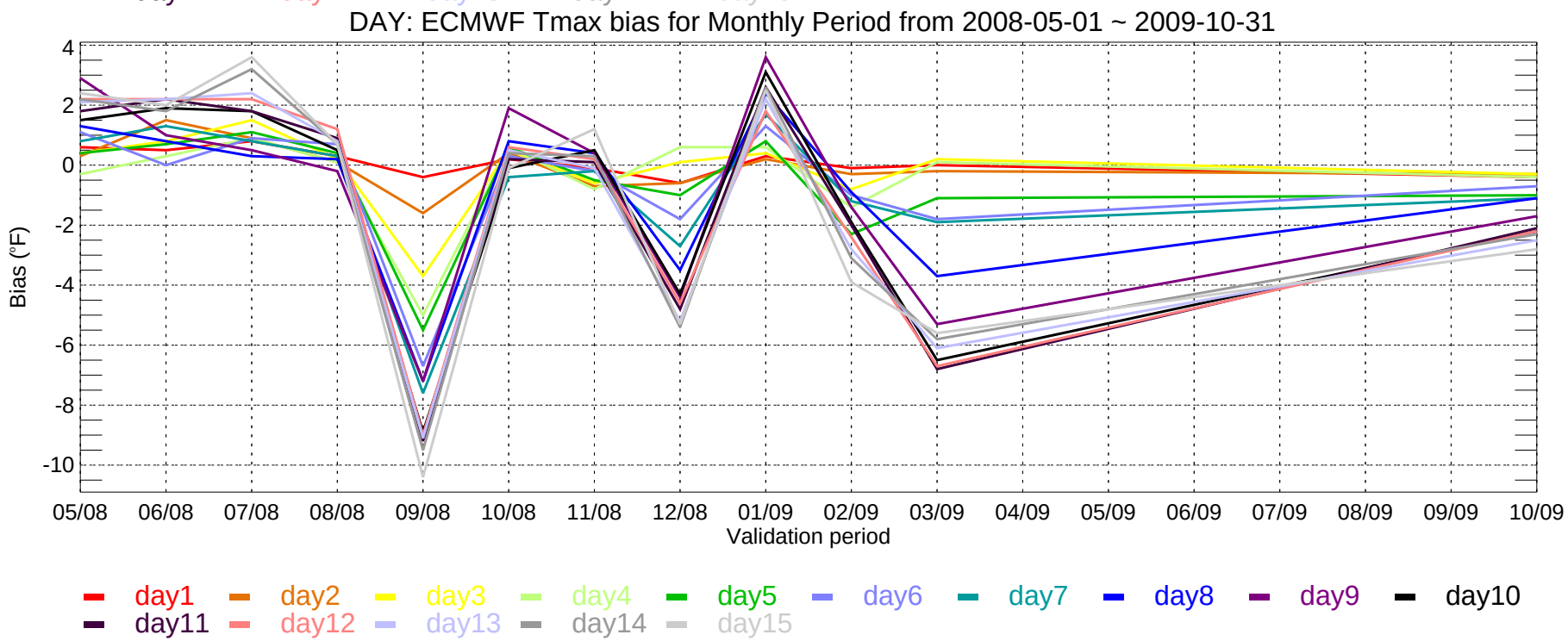
DAY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
Validation period
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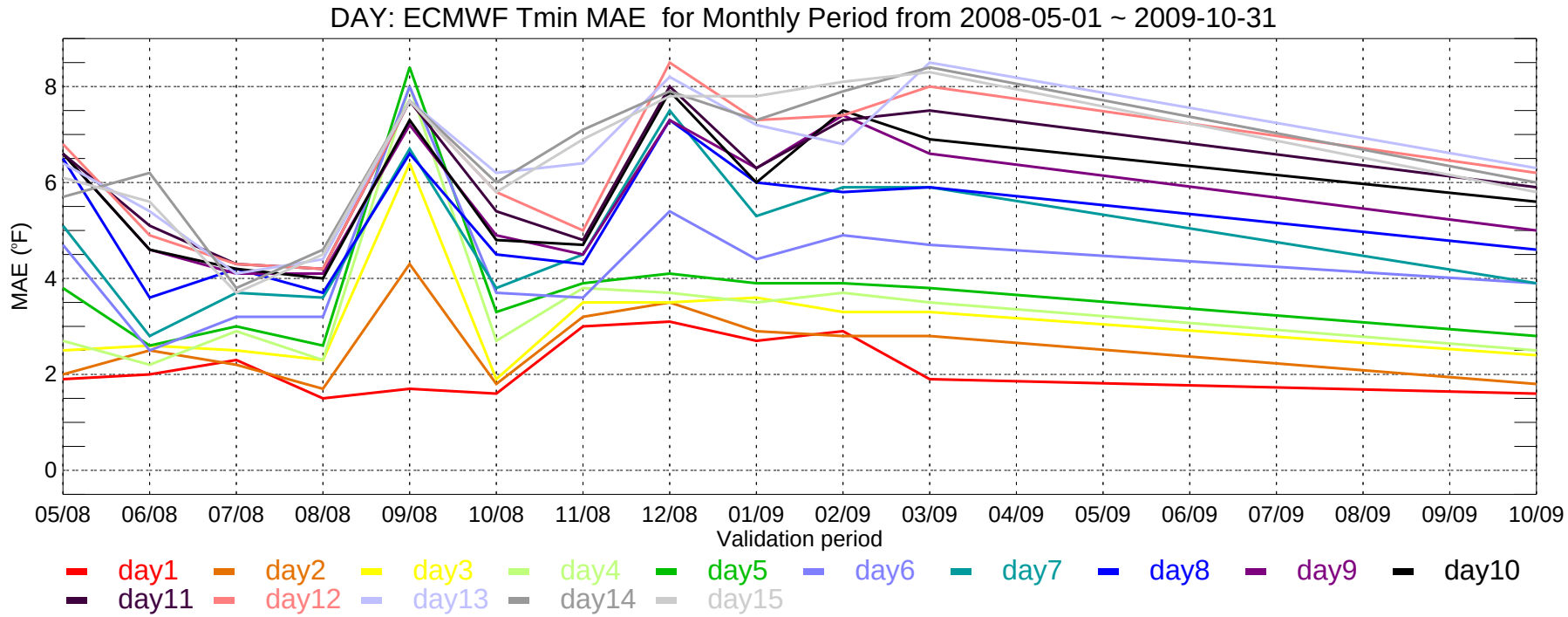
DAY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
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11/08
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02/09
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10/09
Validation period
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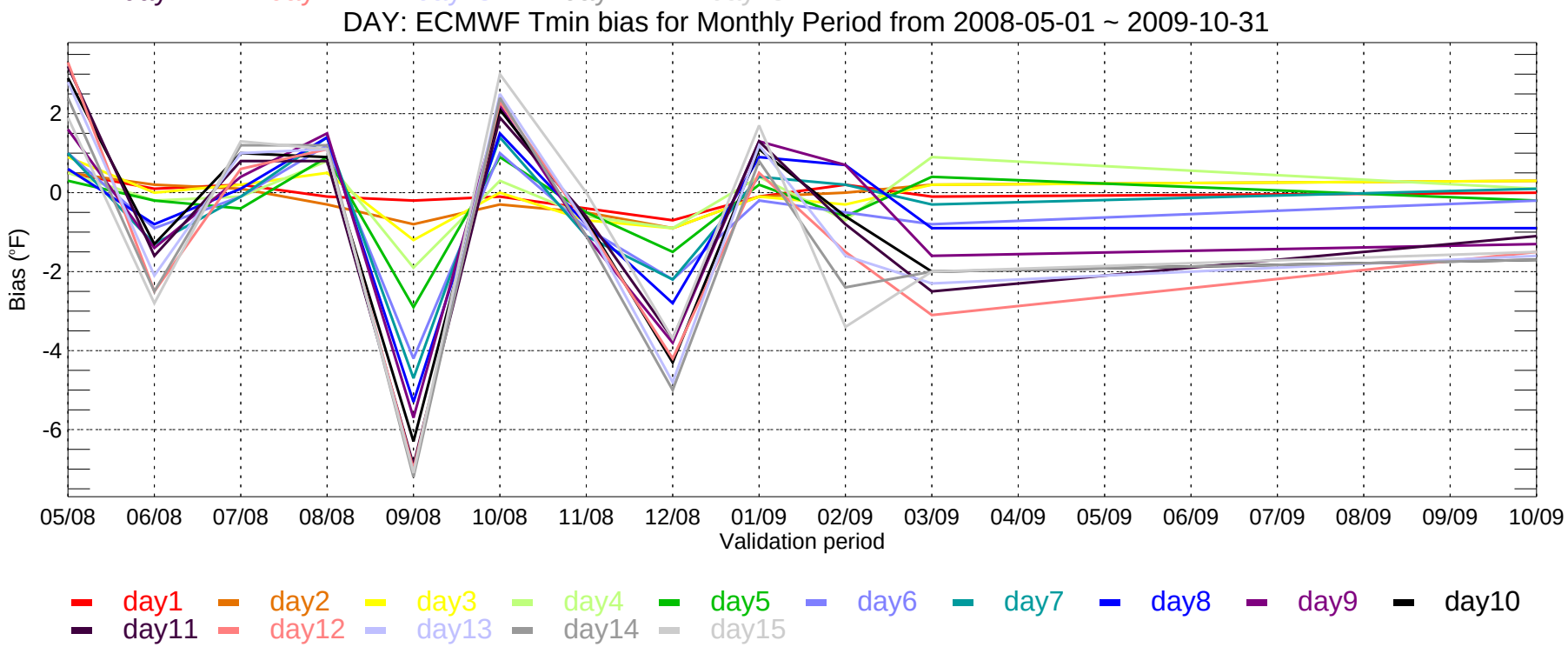
DAY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
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10/09
Validation period
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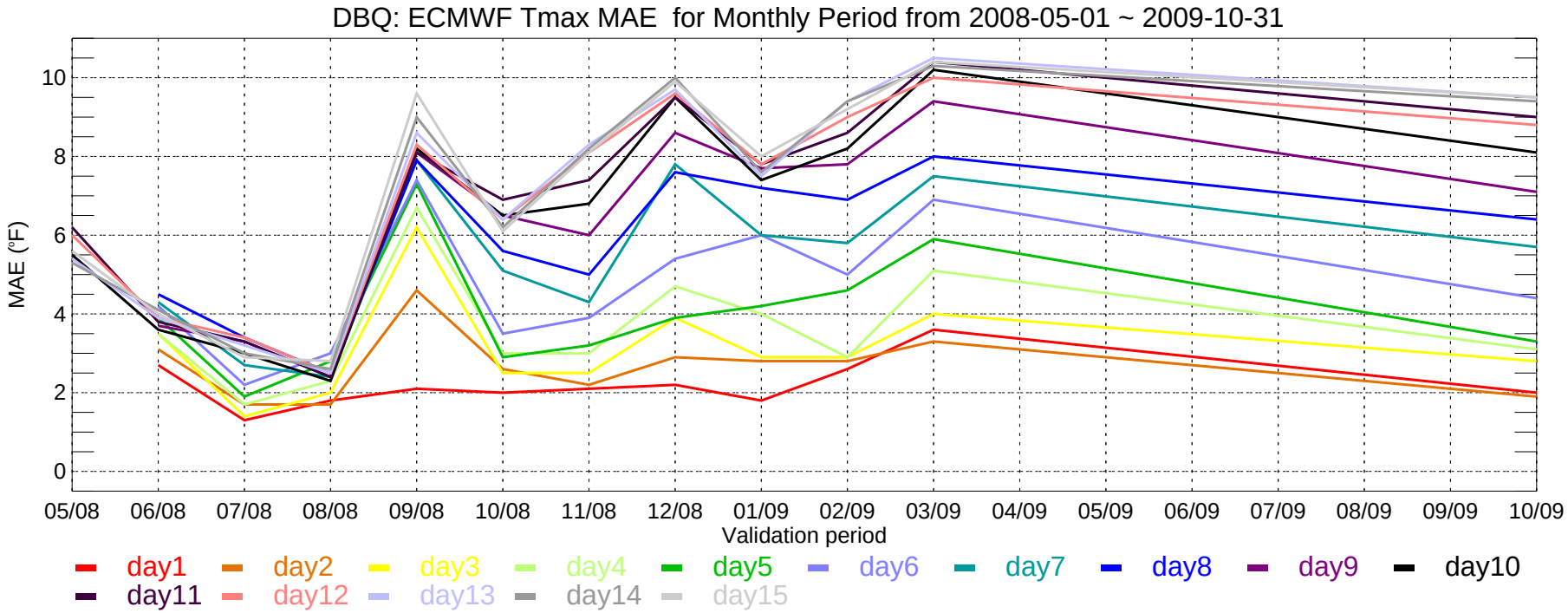
DBQ: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
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05/08
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09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
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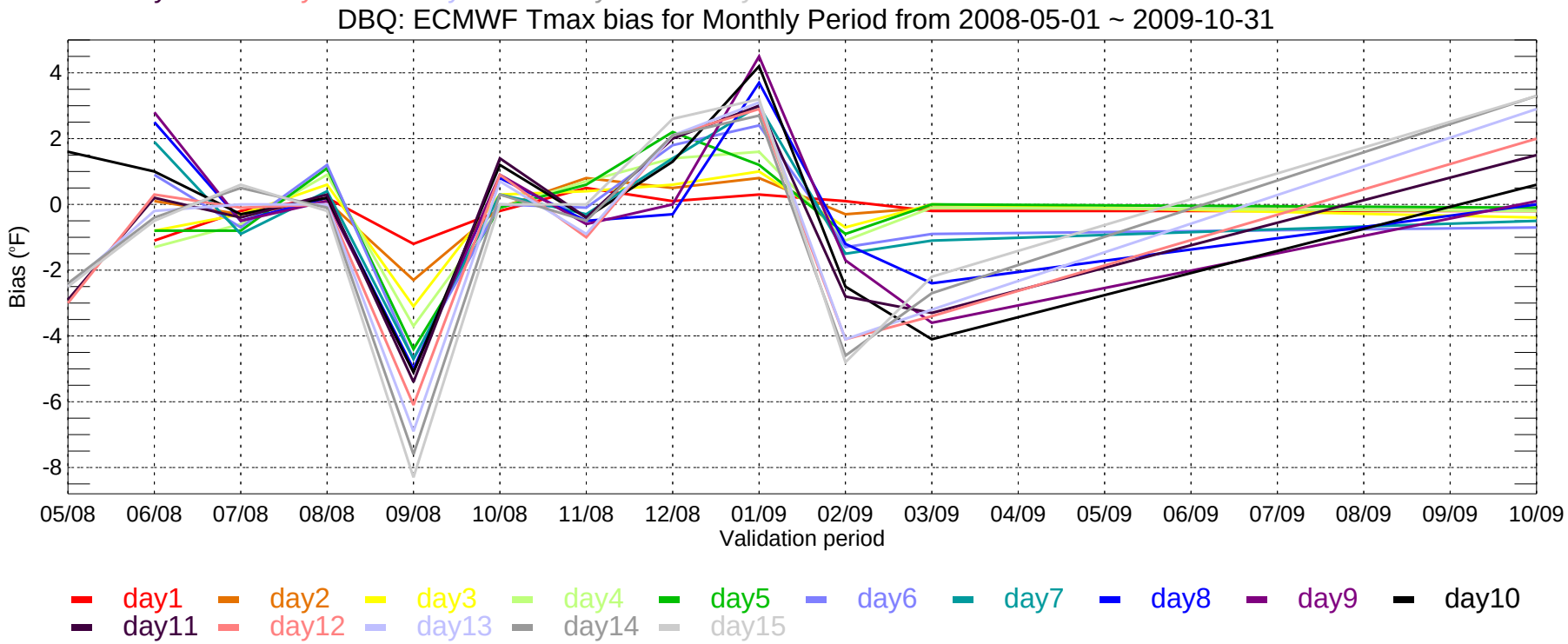
DBQ: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
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-6
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
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07/09
08/09
09/09
10/09
Validation period
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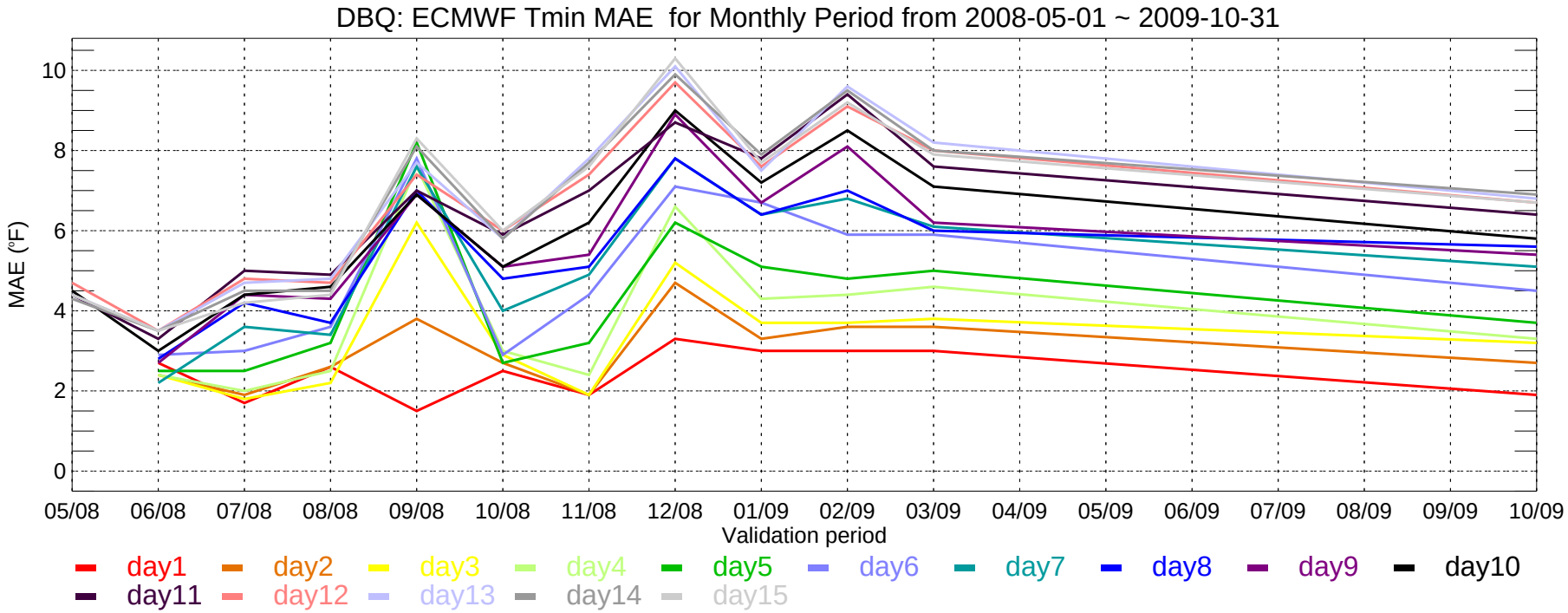
DBQ: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
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10/08
11/08
12/08
01/09
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10/09
Validation period
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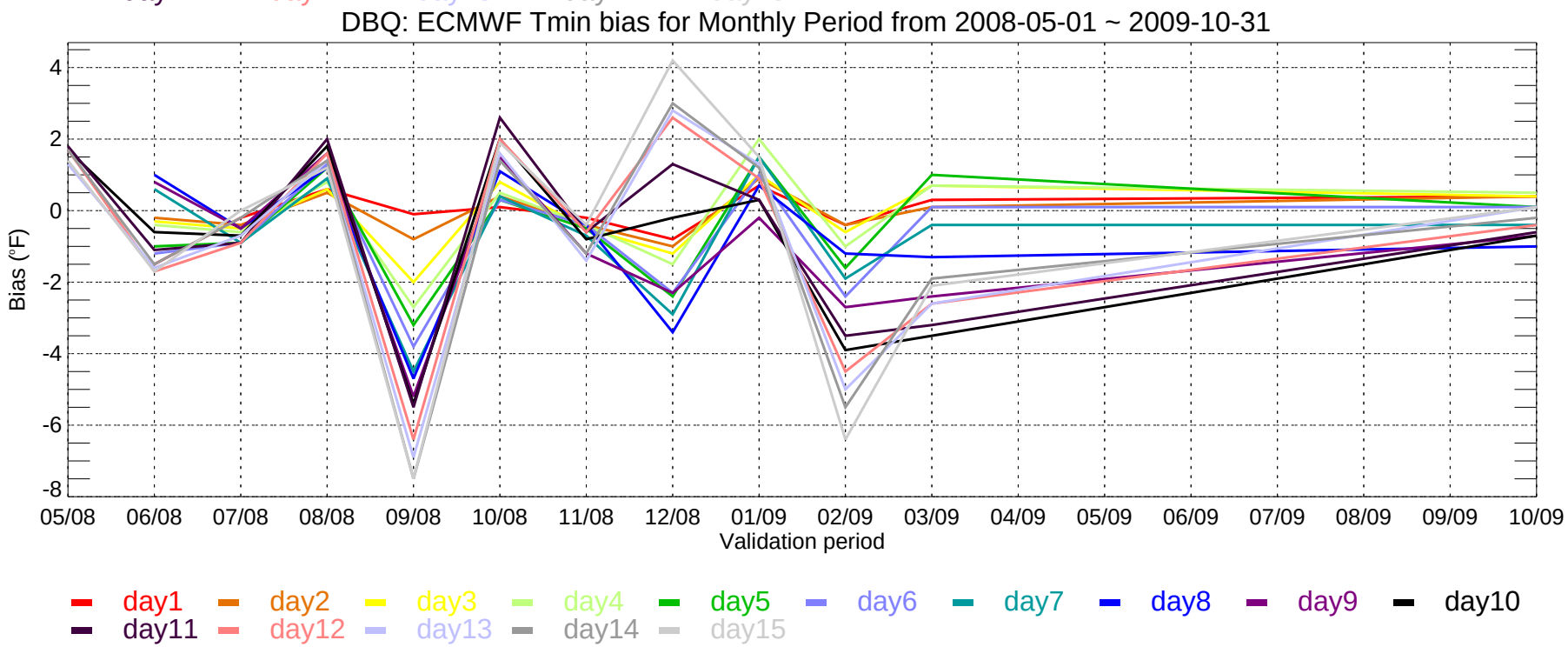
DBQ: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
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-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
Validation period
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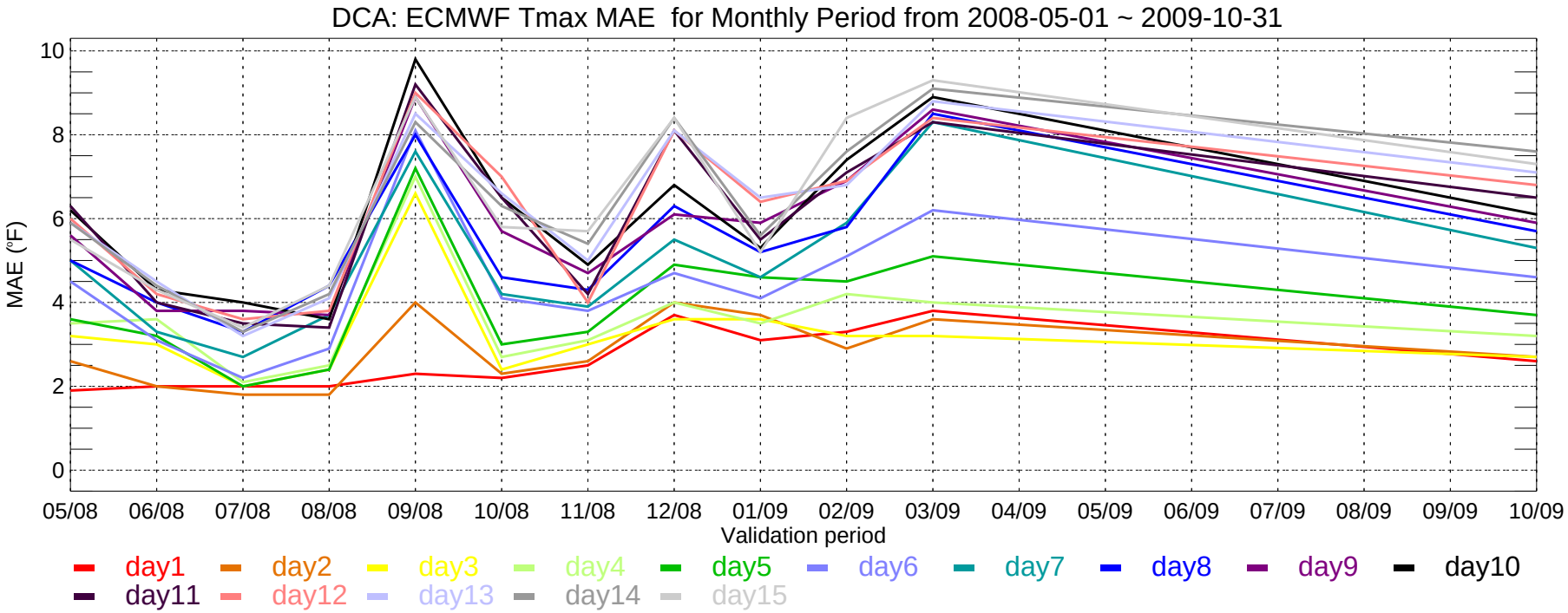
DCA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
07/09
08/09
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10/09
Validation period
day1
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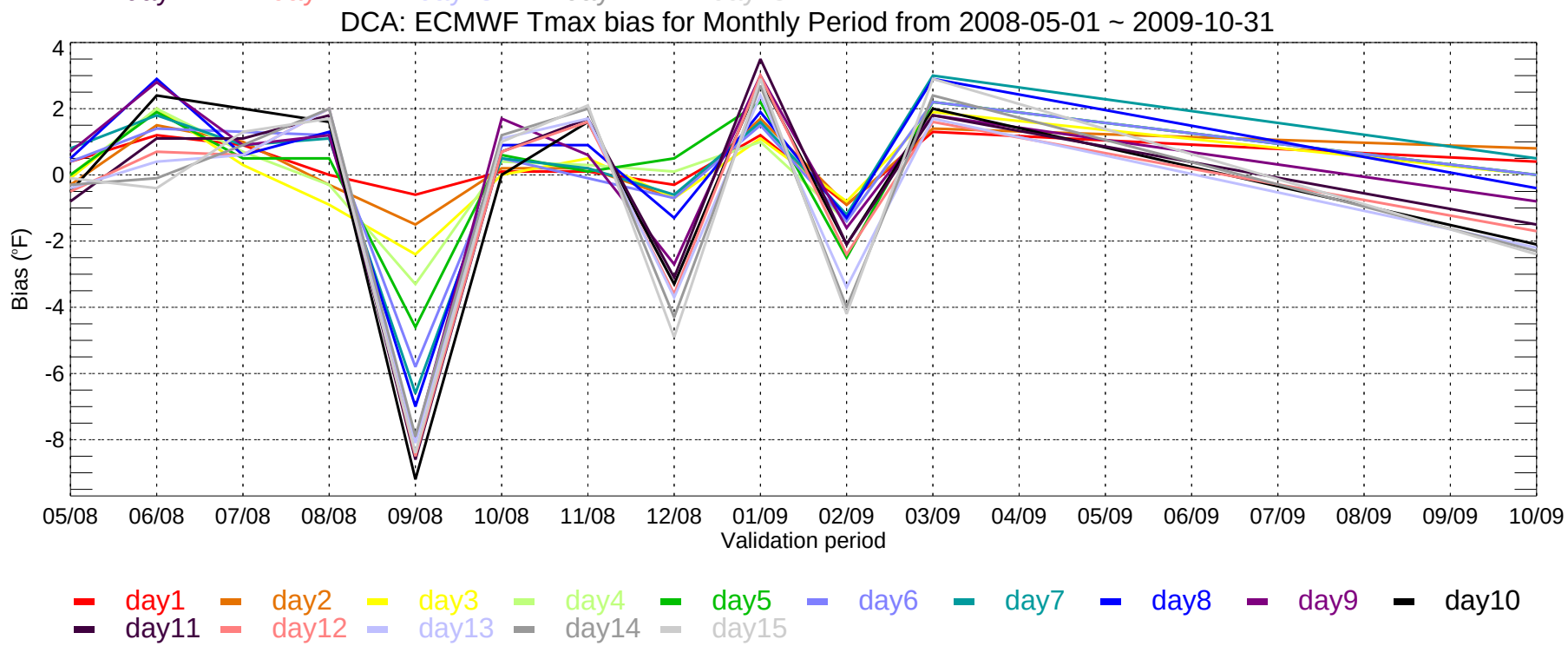
DCA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
Validation period
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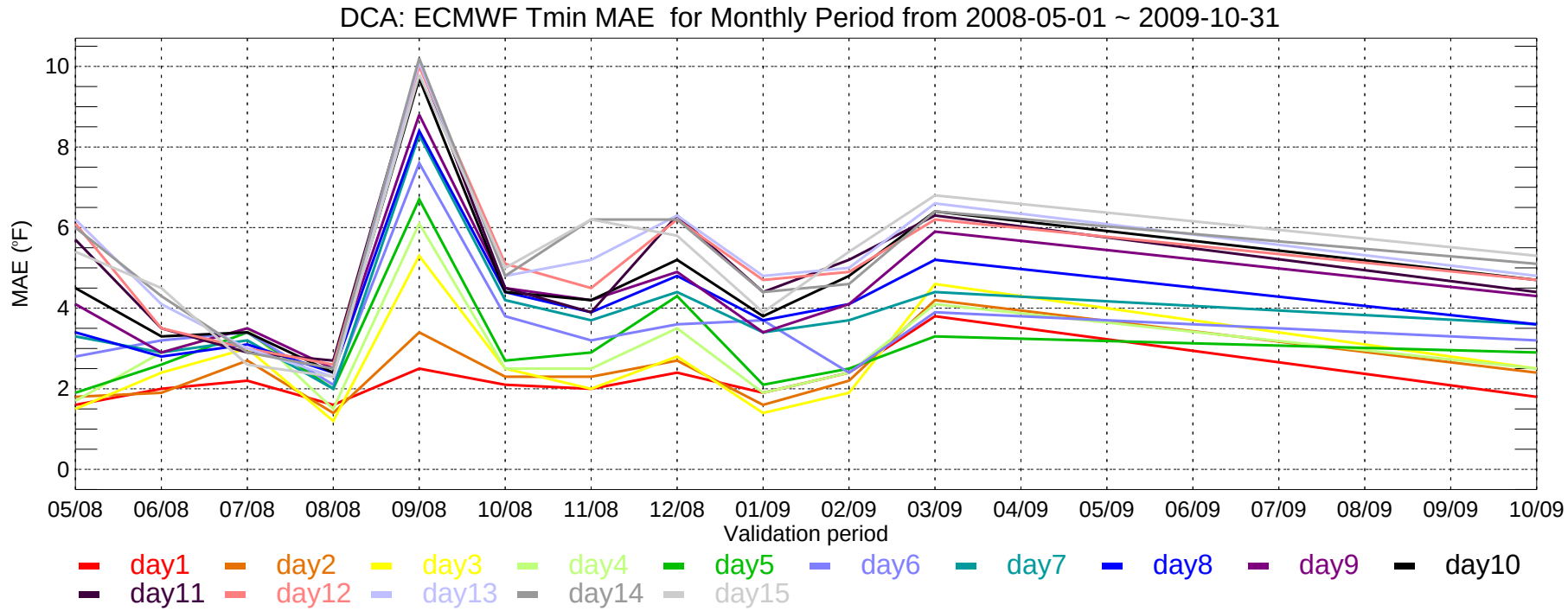
DCA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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10/09
Validation period
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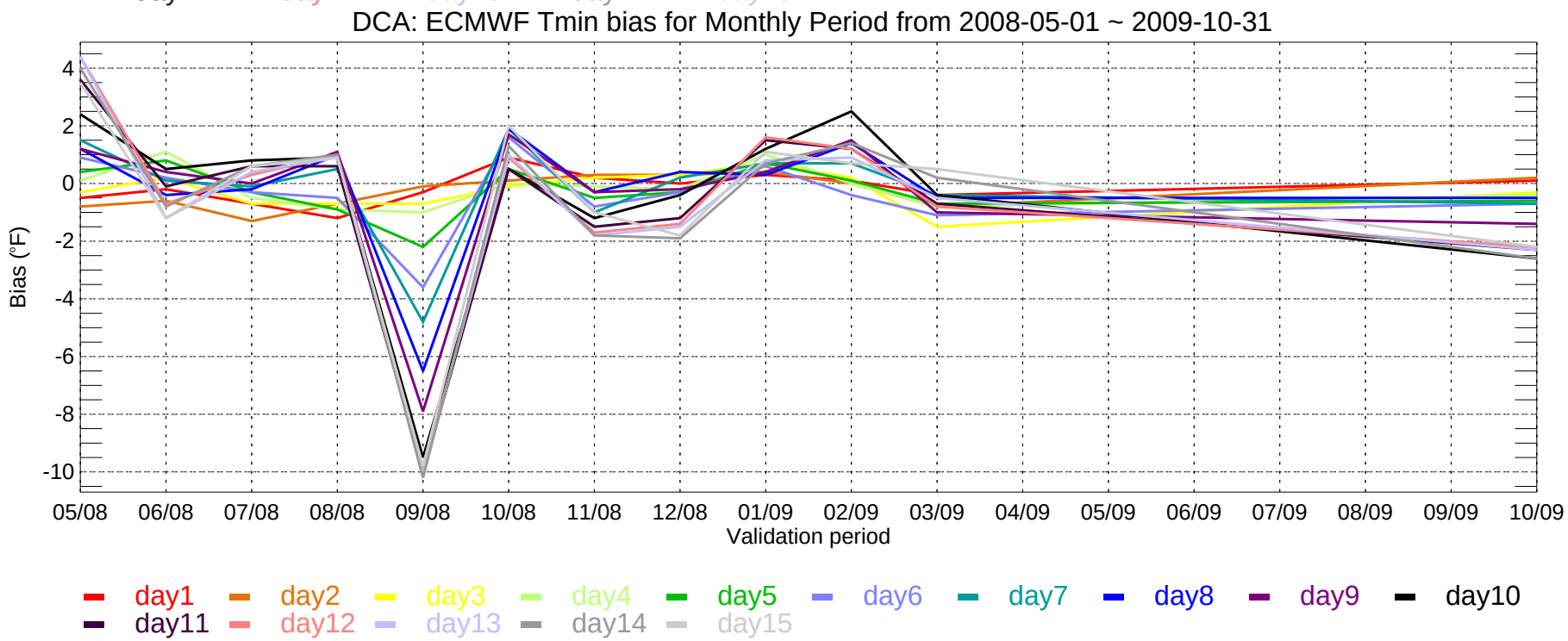
DCA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
Validation period
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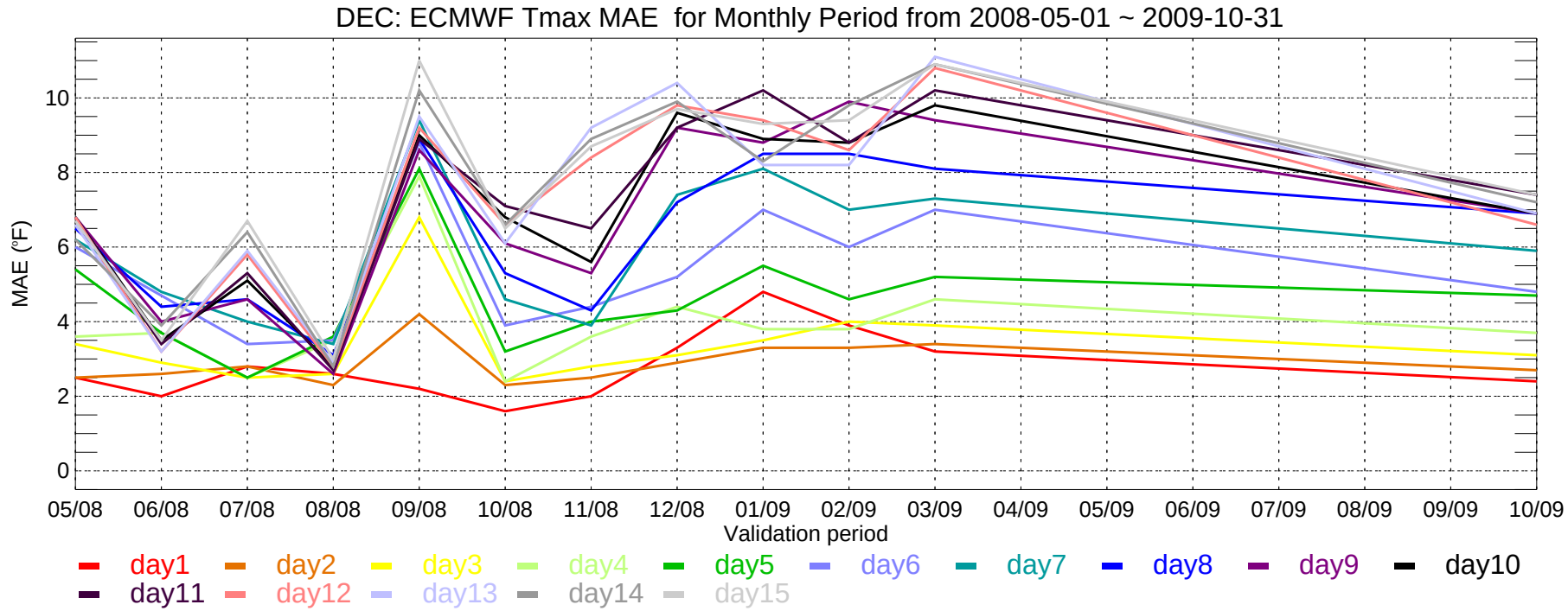
DEC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
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05/08
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07/08
08/08
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10/08
11/08
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Validation period
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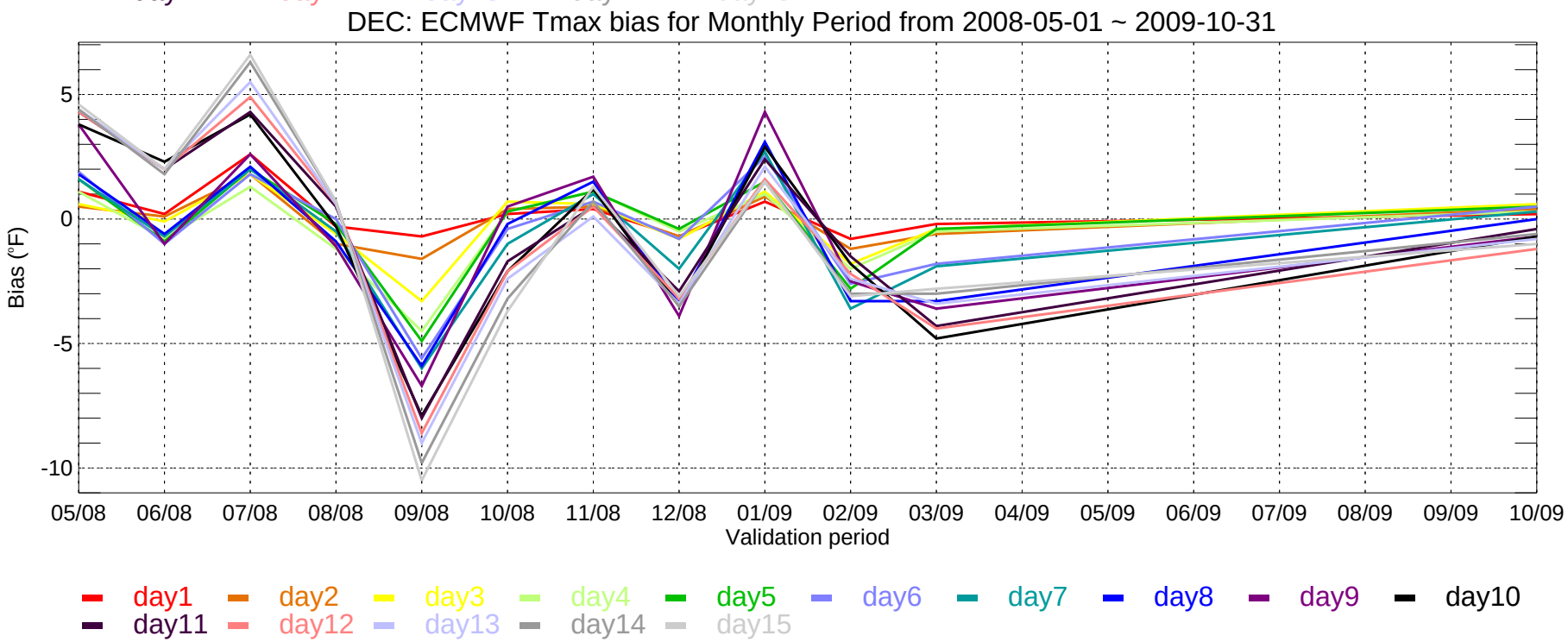
DEC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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Validation period
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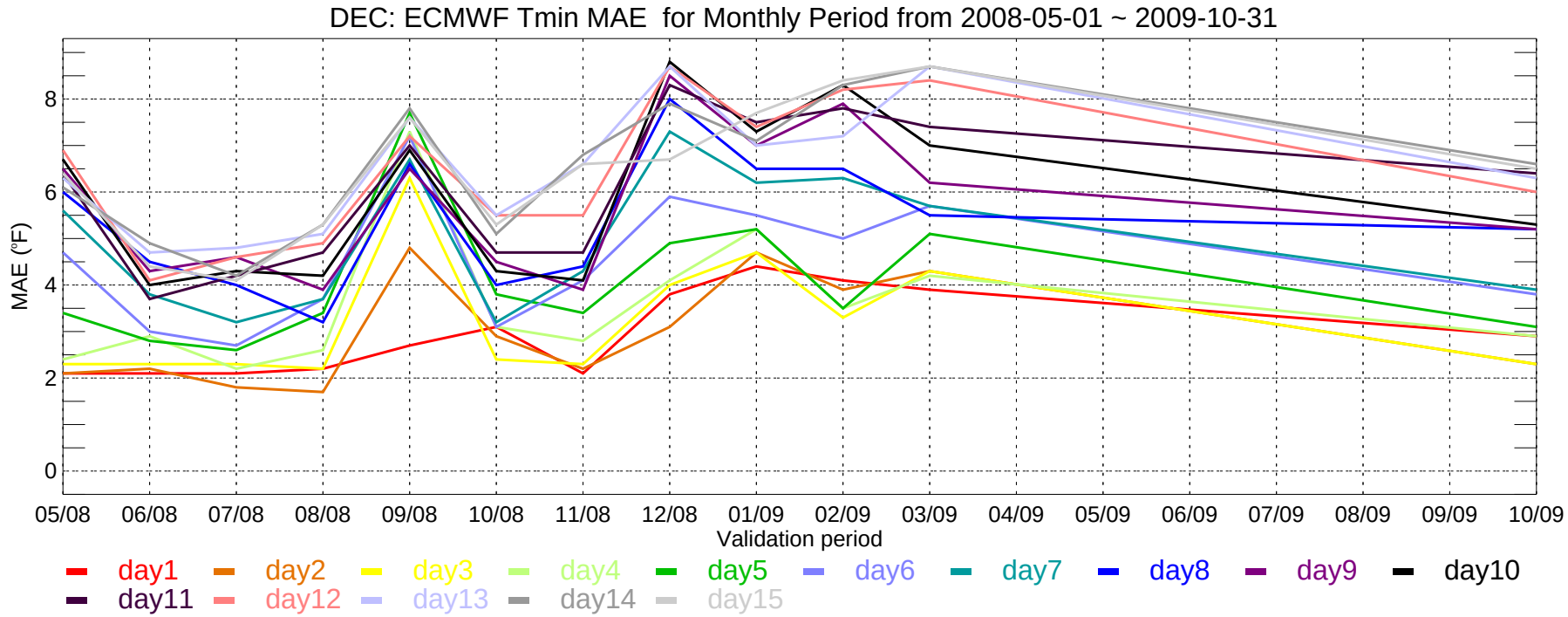
DEC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
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Validation period
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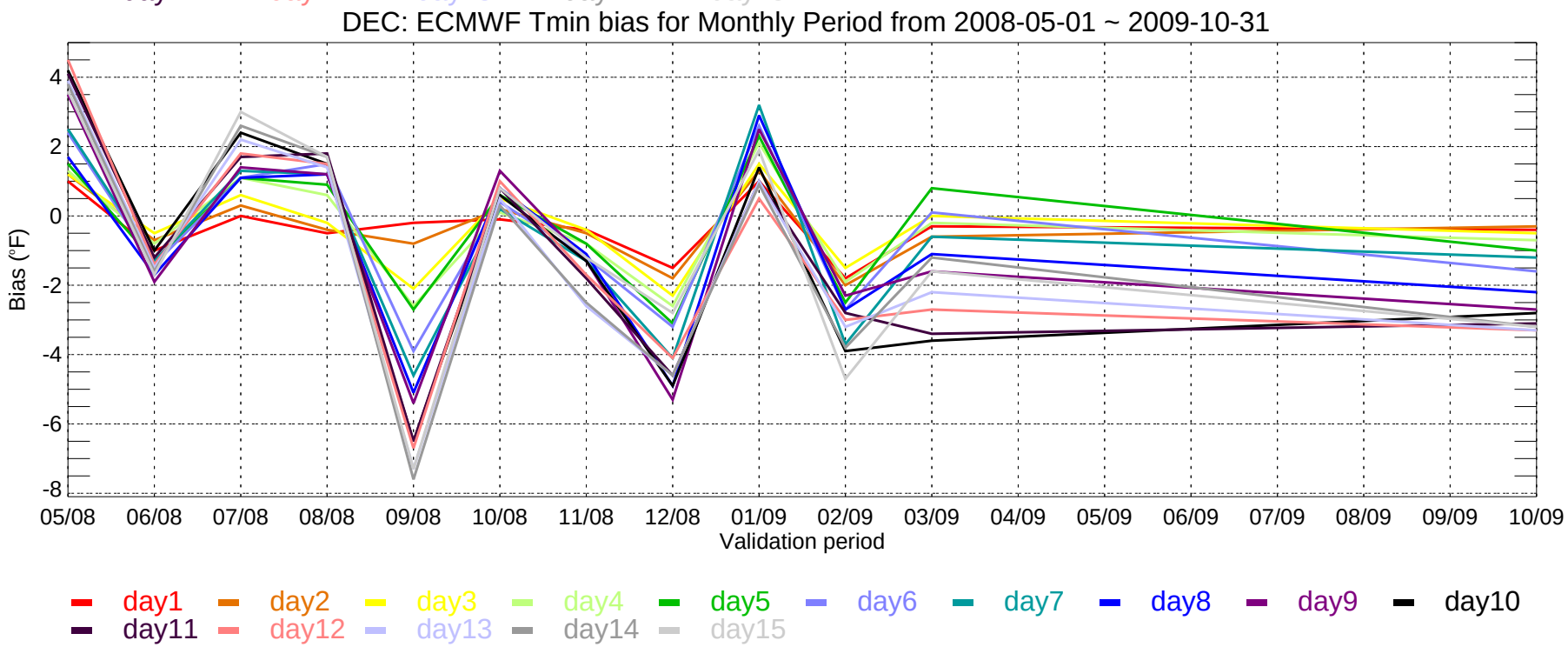
DEC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
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Validation period
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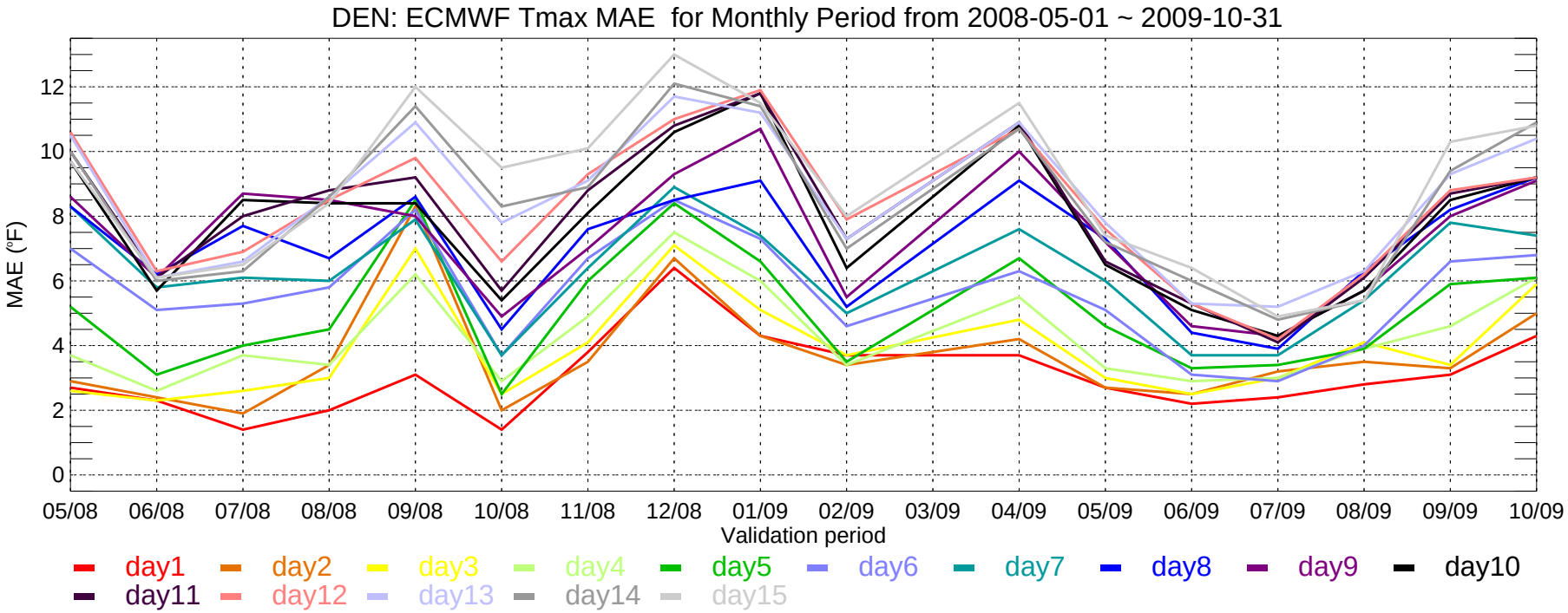
DEN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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Validation period
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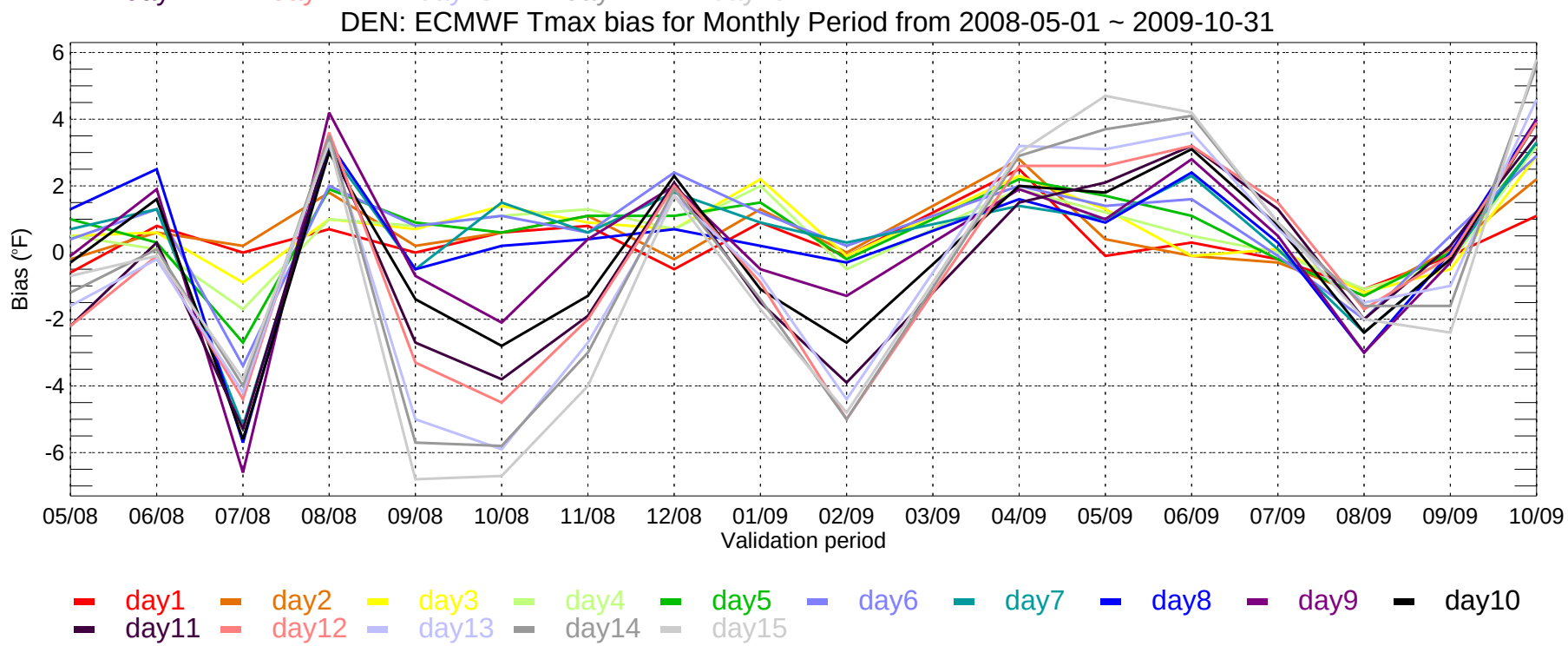
DEN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
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-2
-4
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05/08
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10/08
11/08
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Validation period
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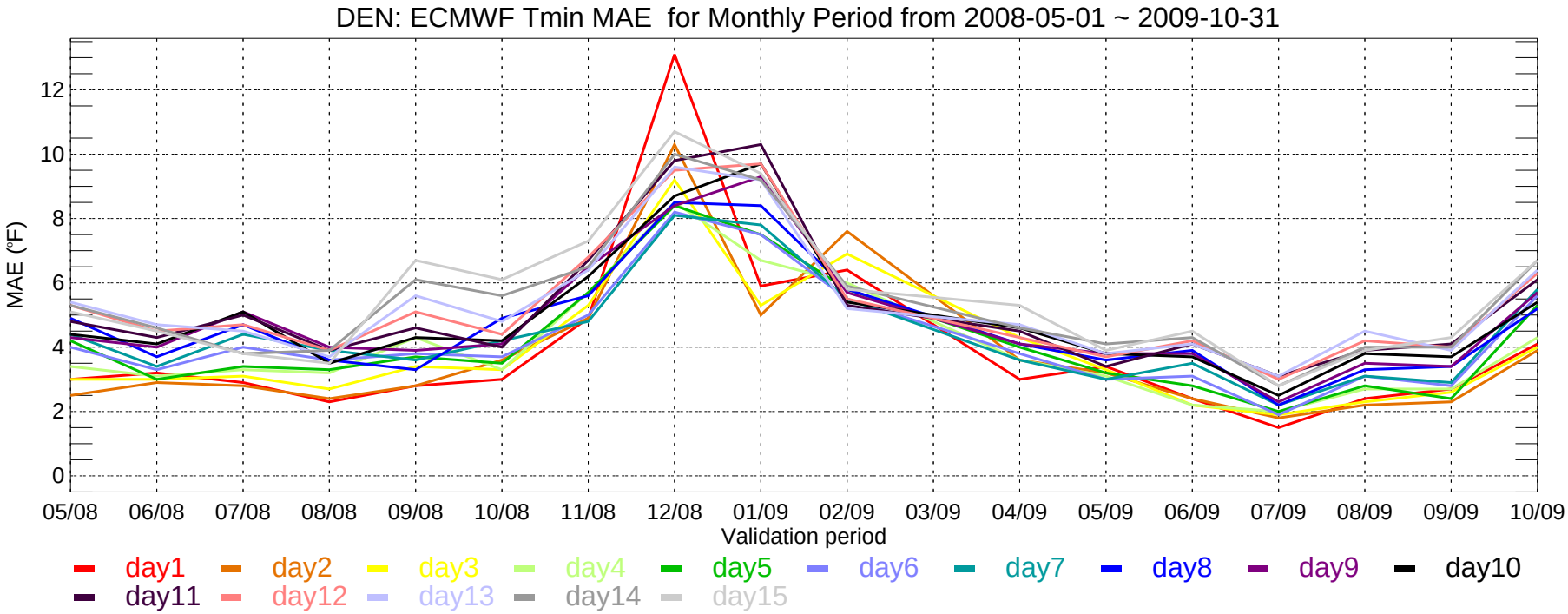
DEN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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Validation period
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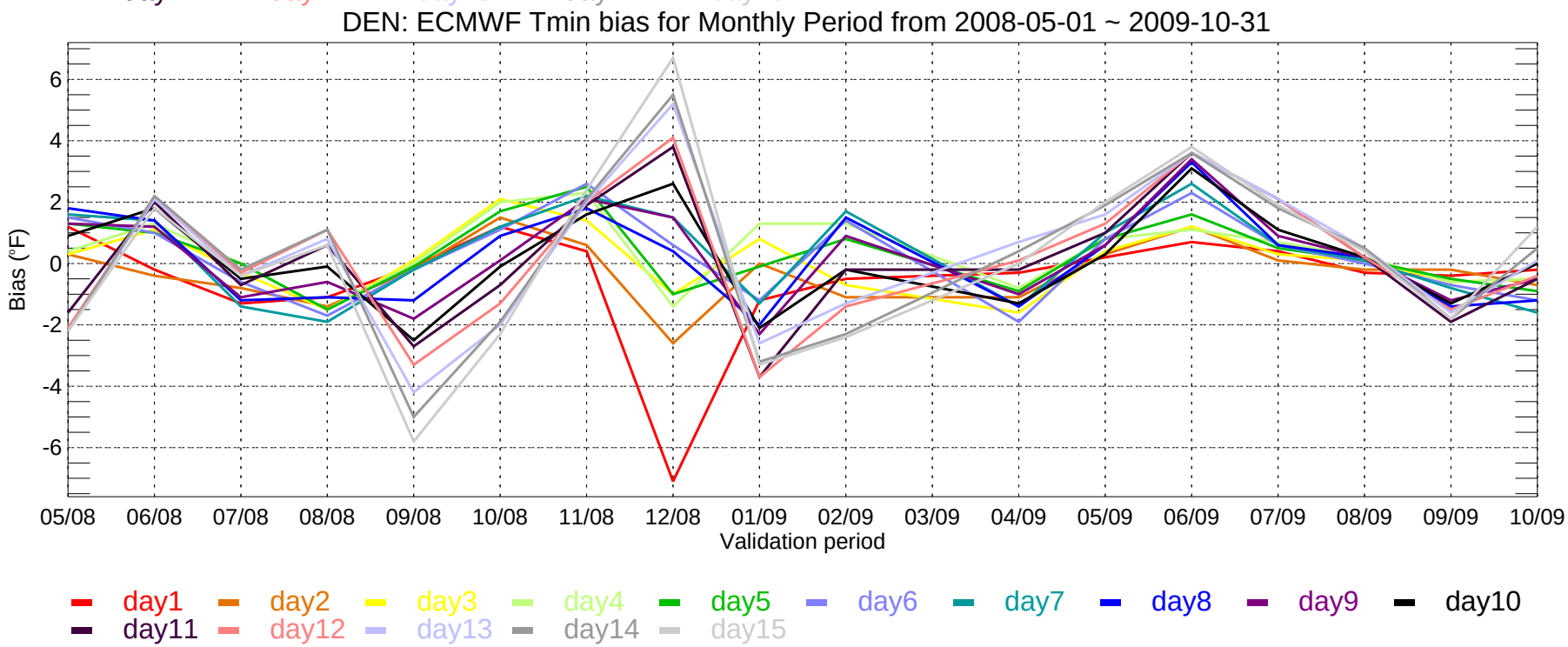
DEN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-6
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05/08
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10/08
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Validation period
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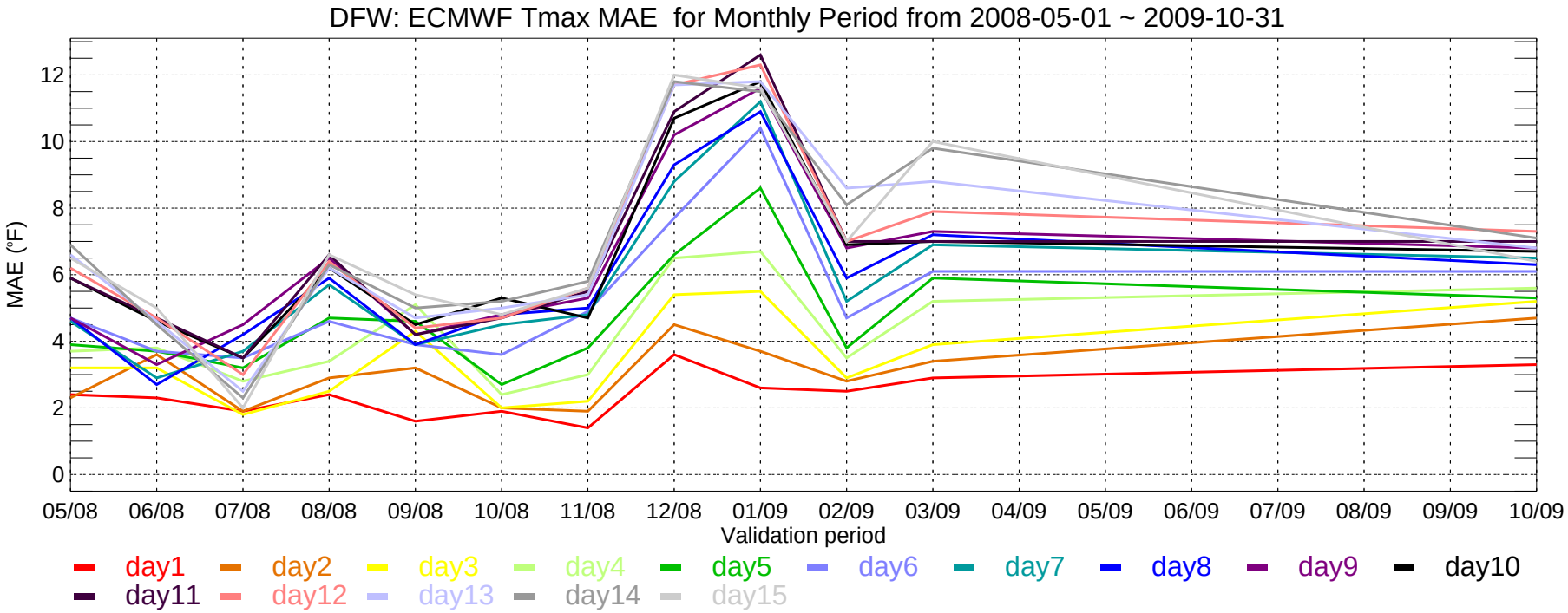
DFW: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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Validation period
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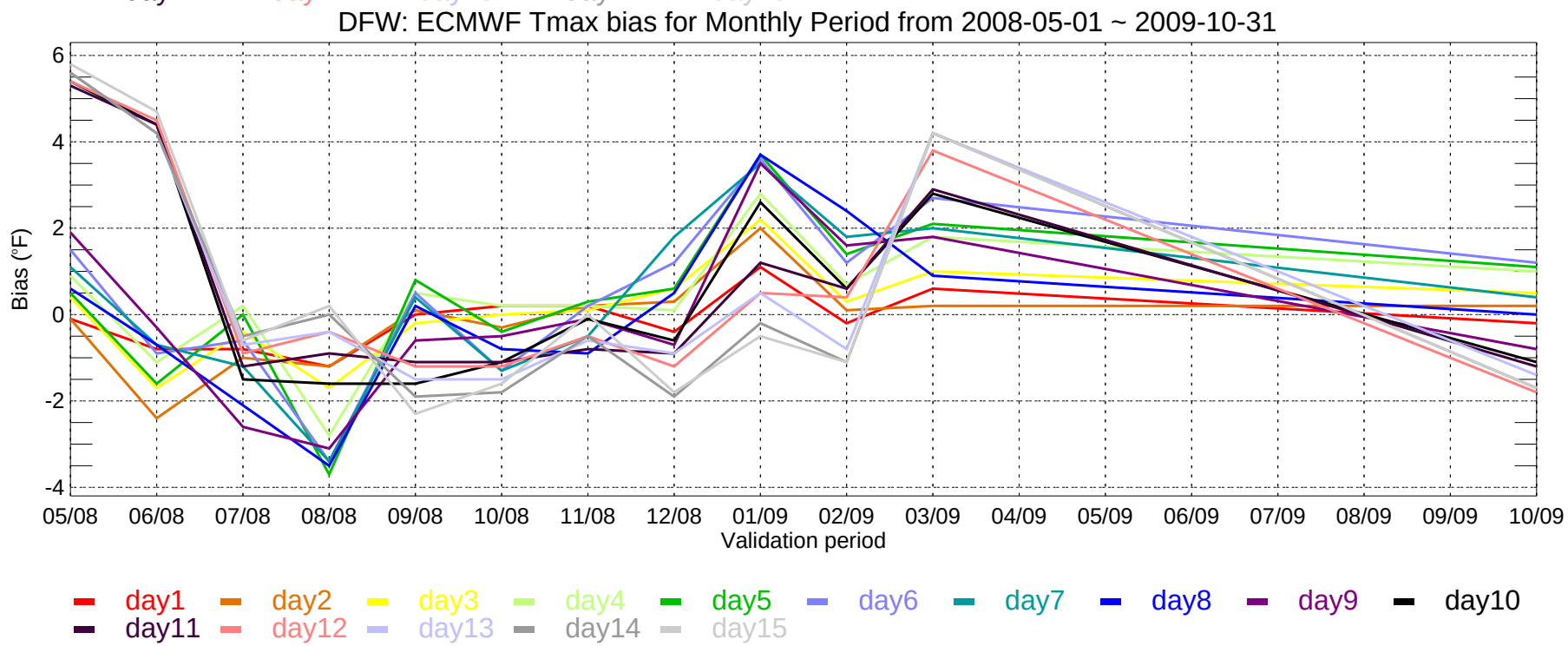
DFW: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
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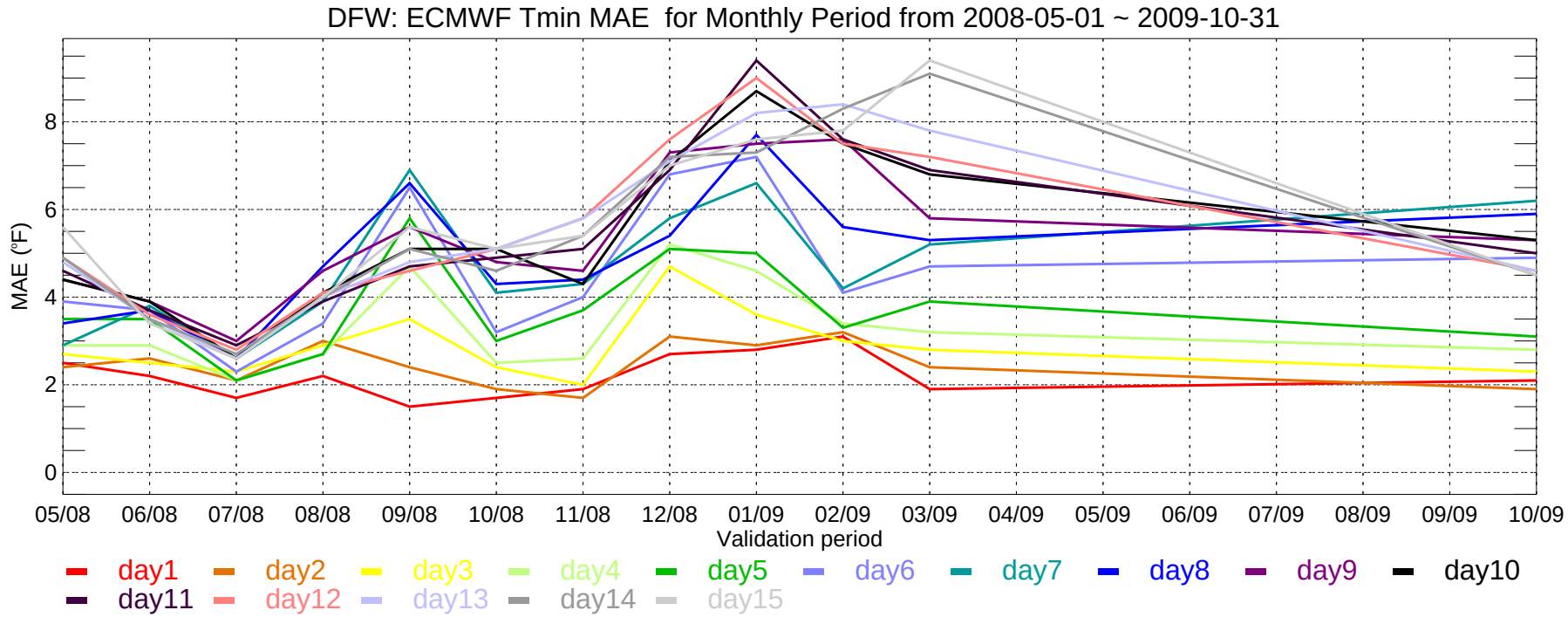
day12
day13
day14
day15


DFW: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
day8
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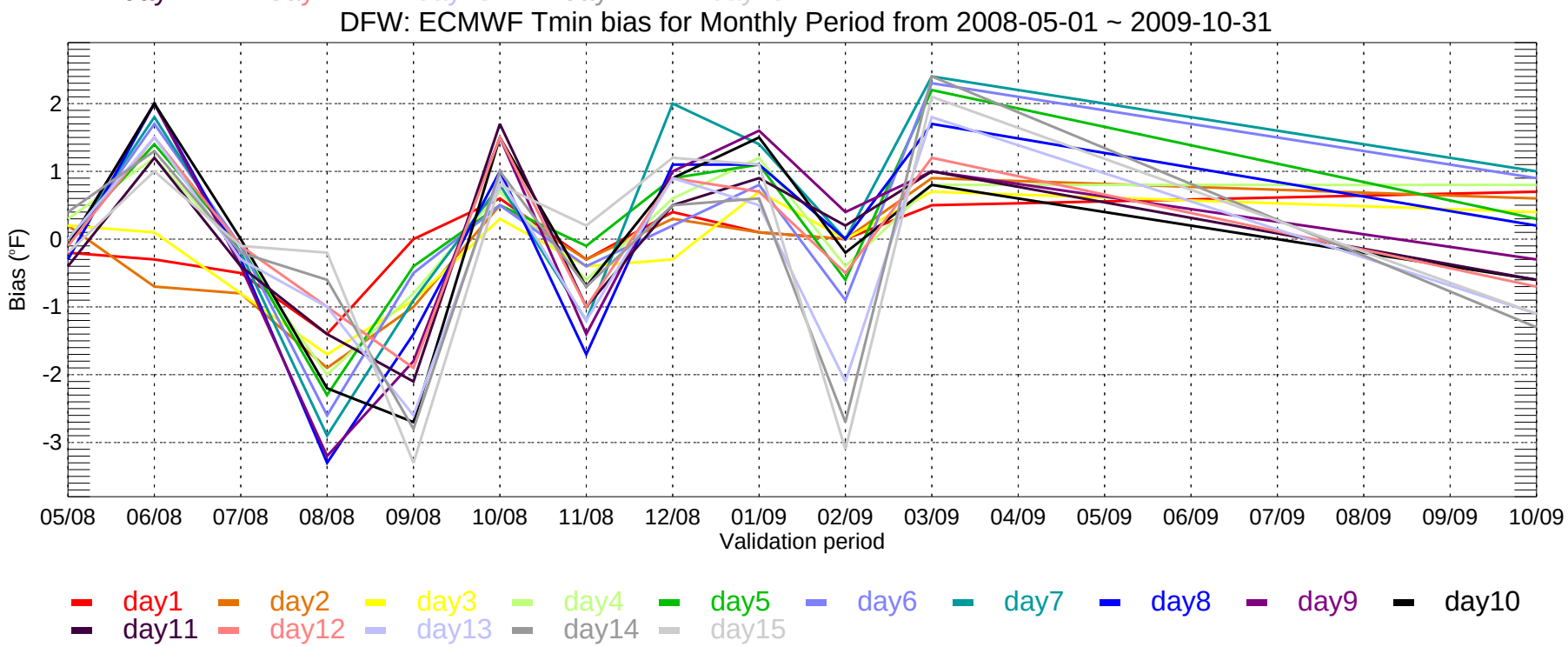
day13
day14
day15


DFW: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
1
0
-1
-2
-3
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day7
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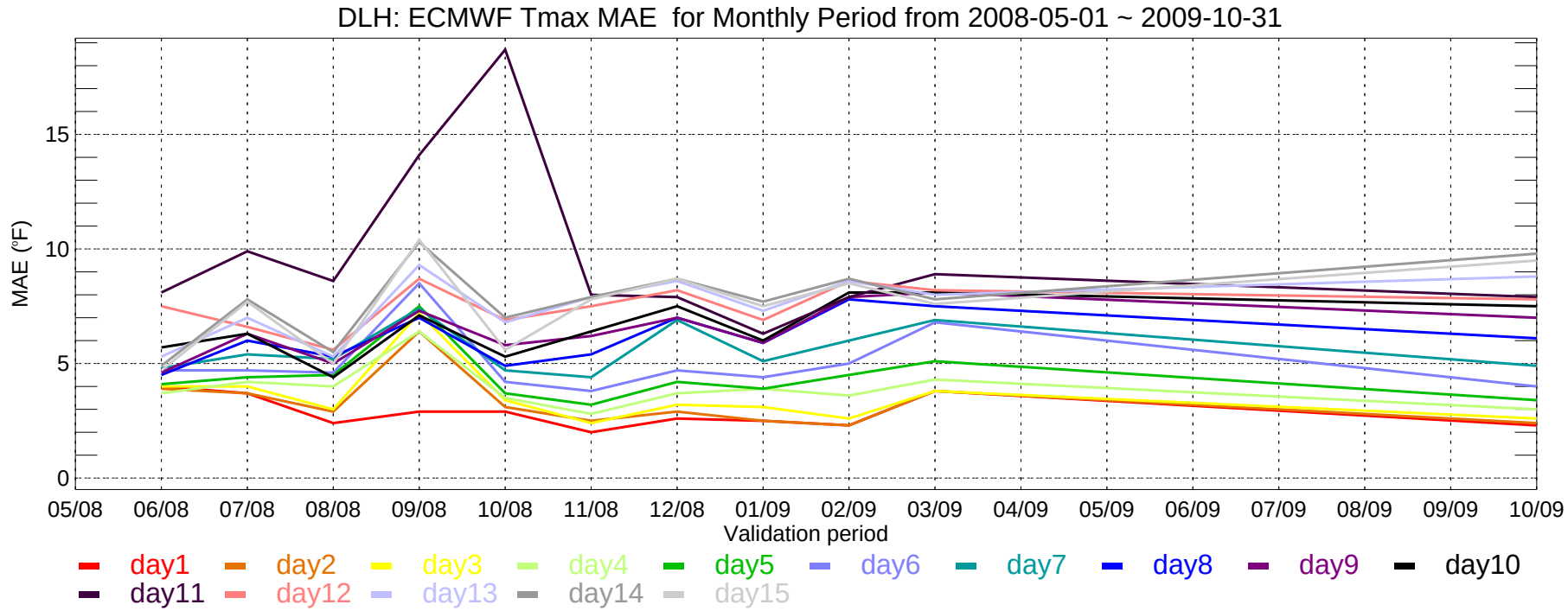
day11
day12
day13
day14
day15


DLH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
5
10
15
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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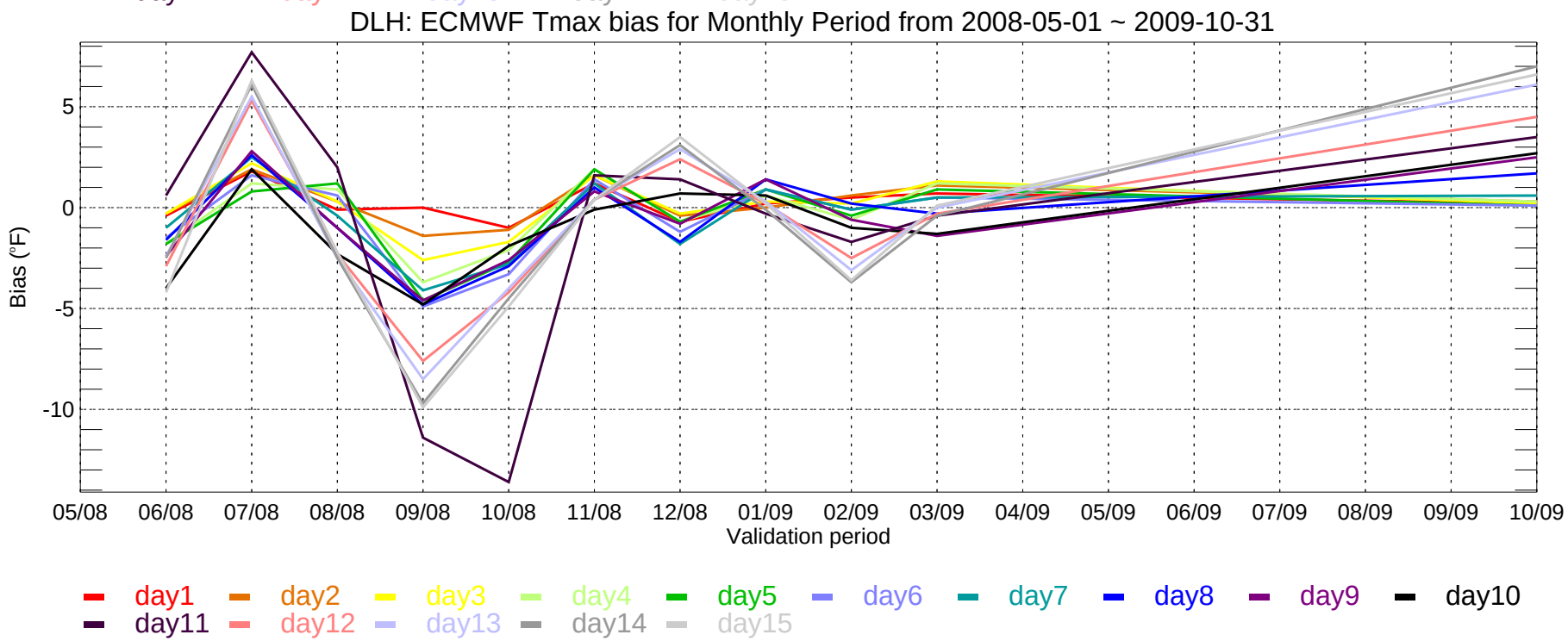
day12
day13
day14
day15


DLH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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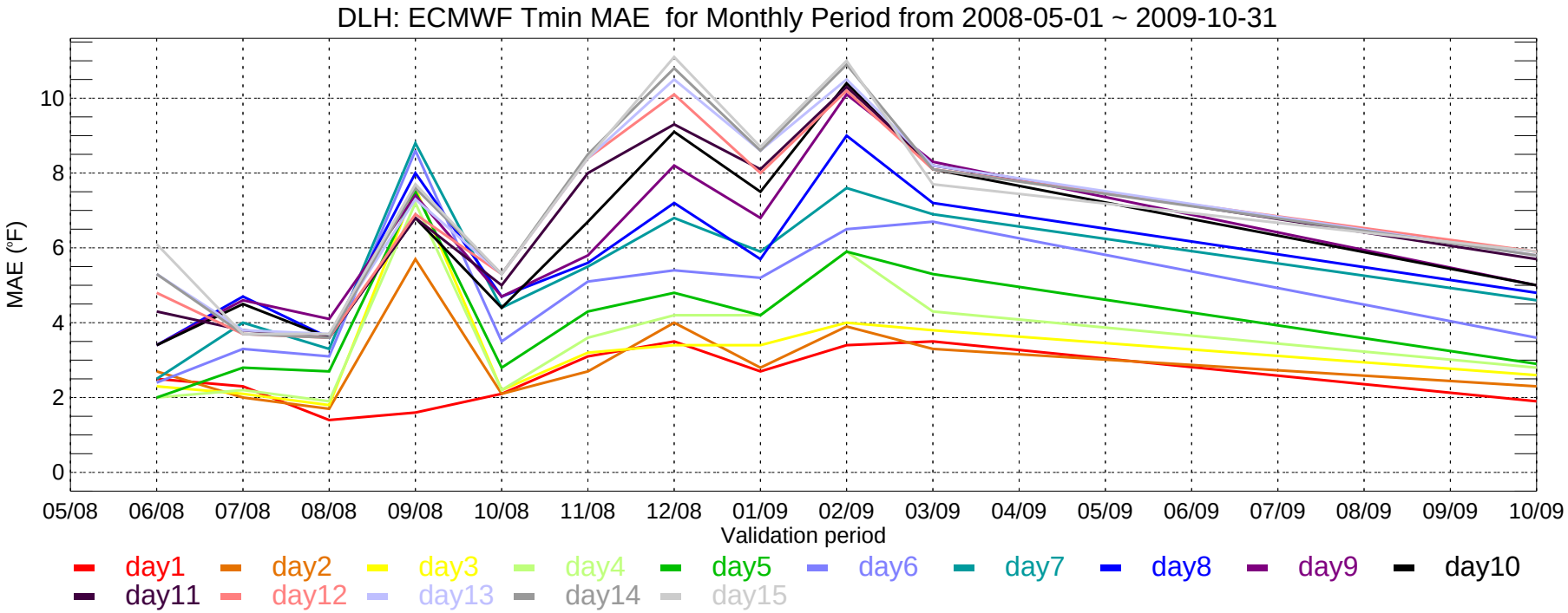
day15


DLH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
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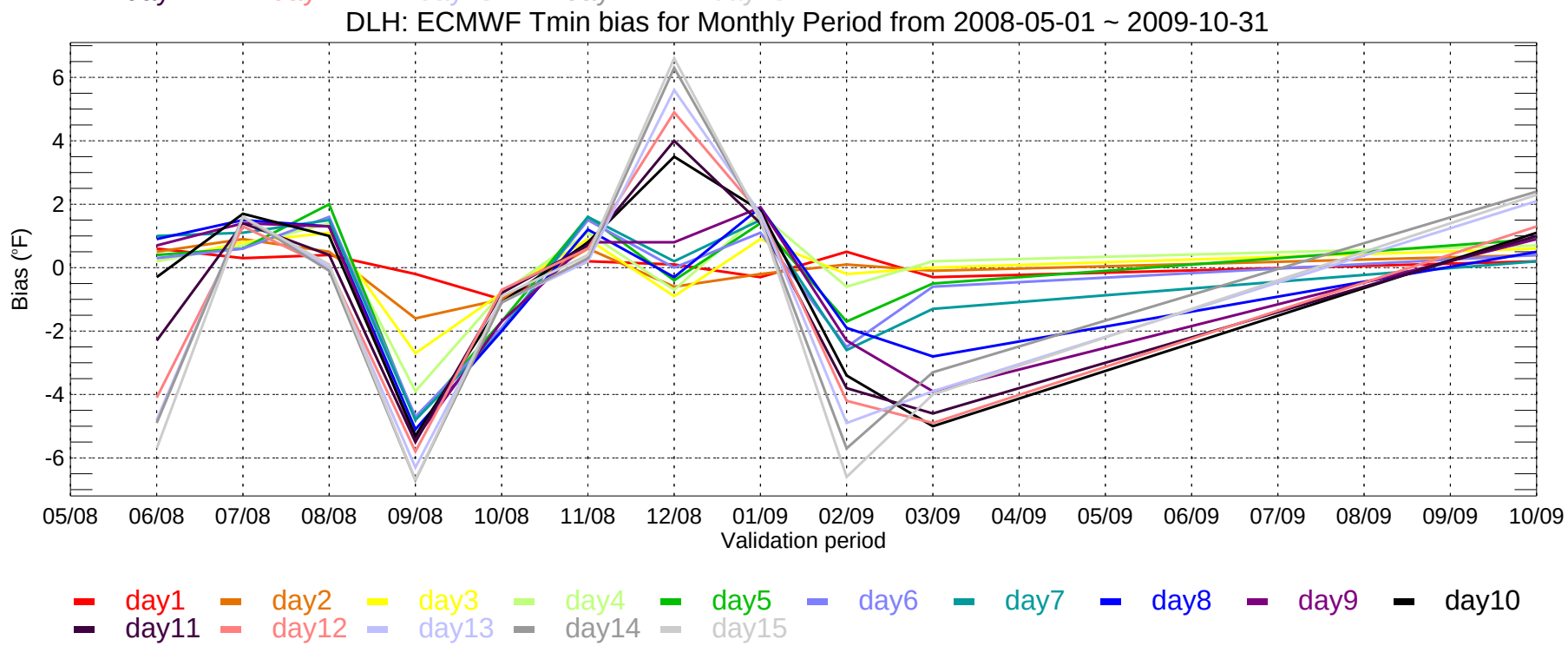
day15


DLH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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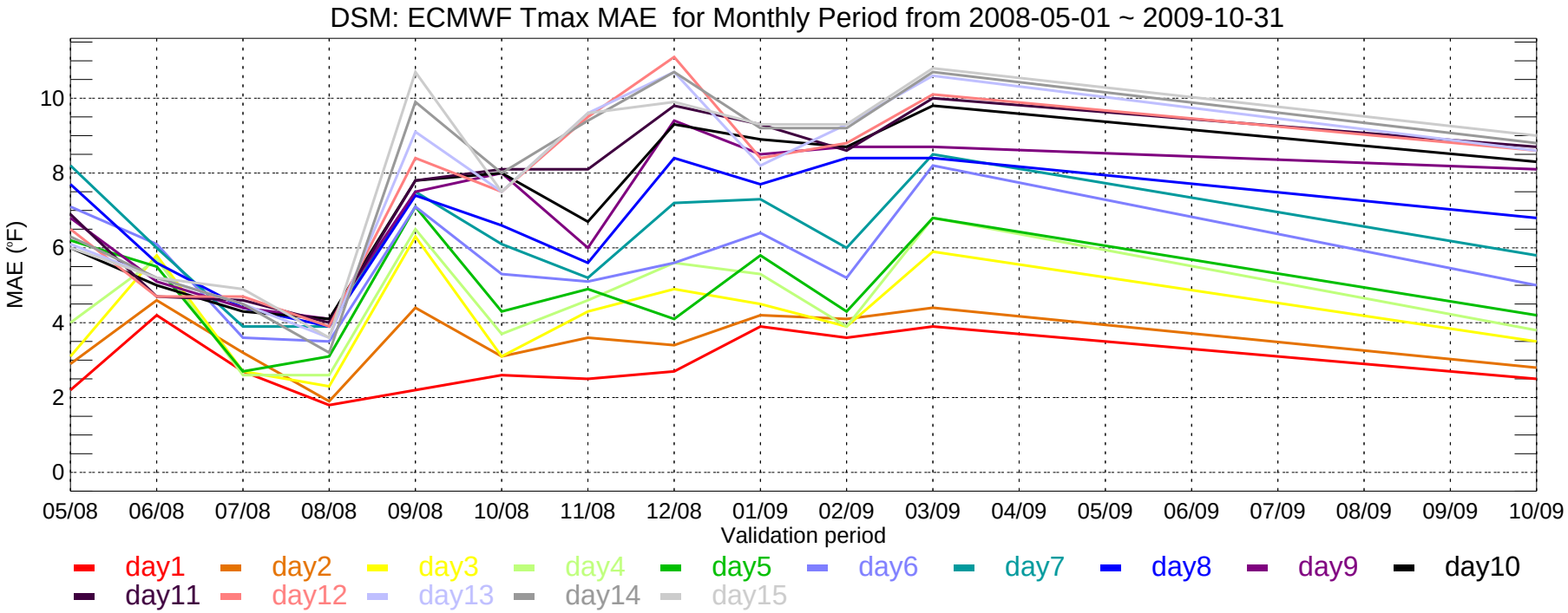
day15


DSM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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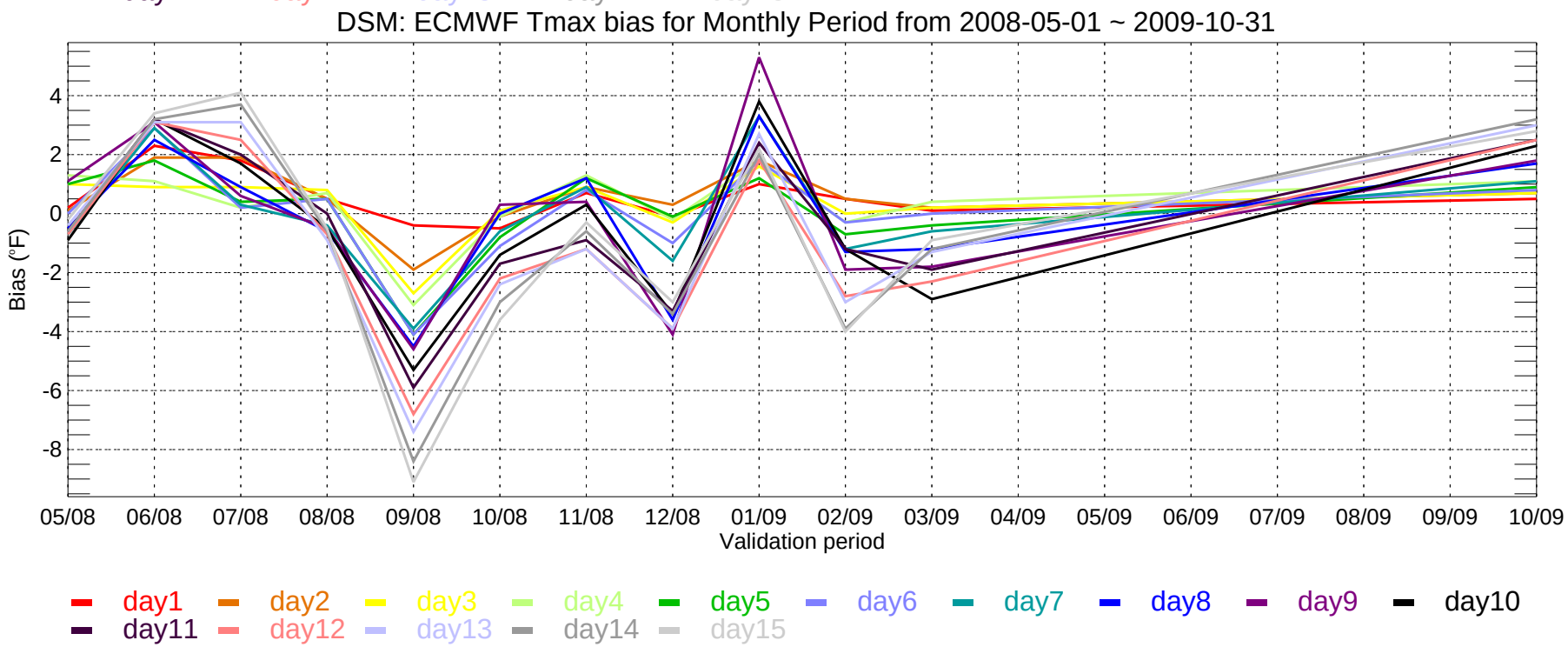
day14
day15


DSM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day3
day4
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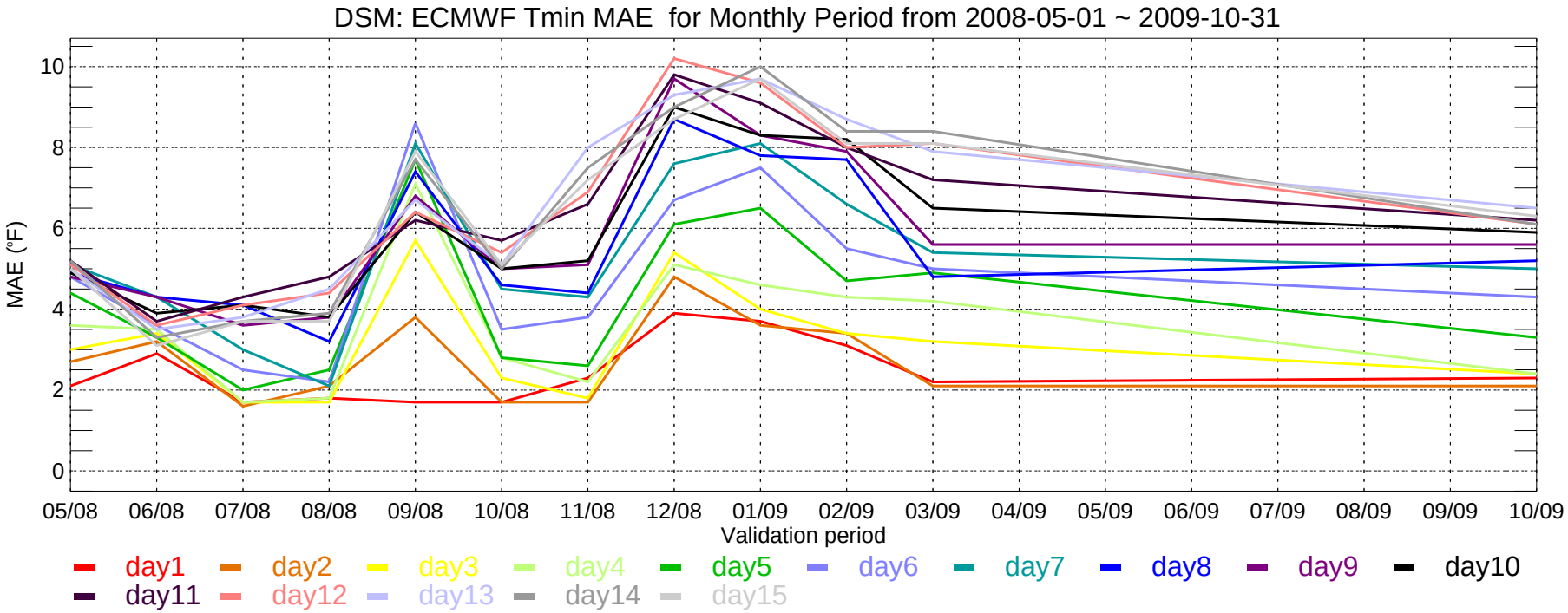
day14
day15


DSM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
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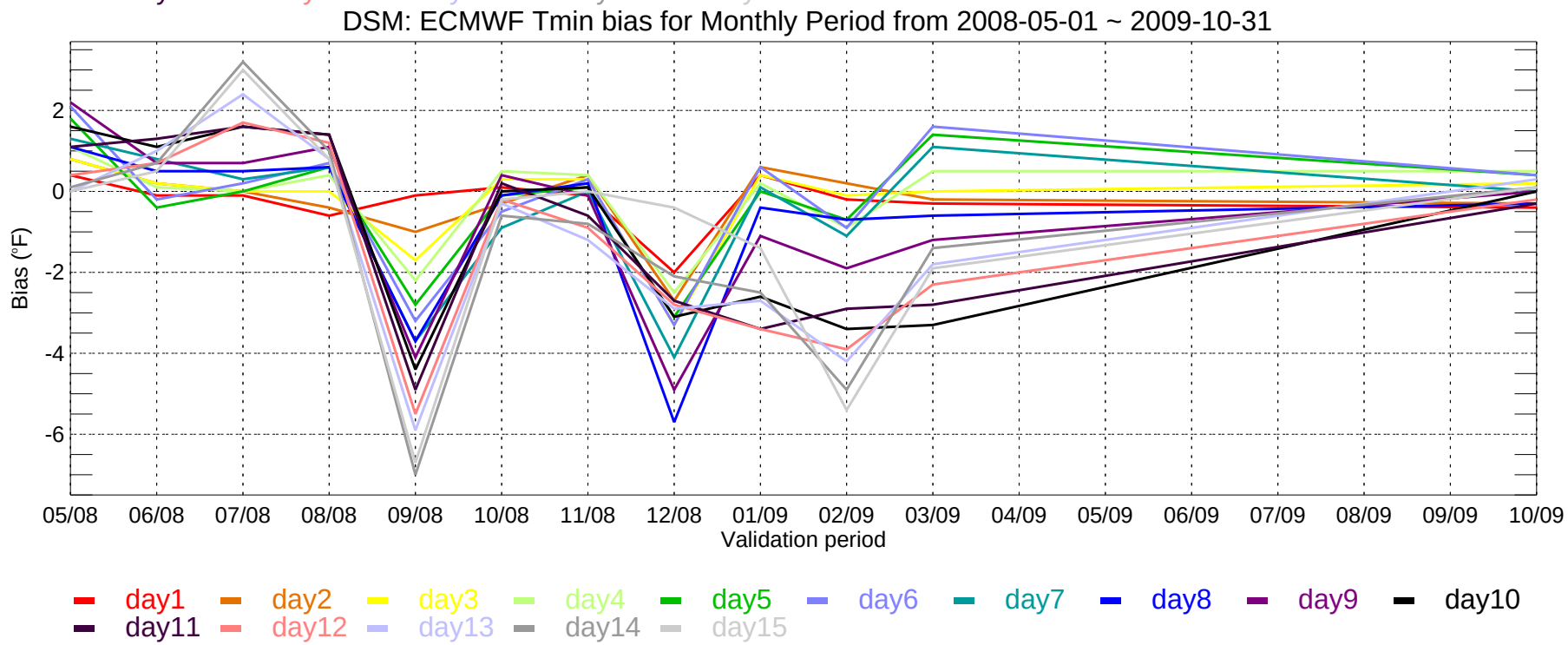
day14
day15


DSM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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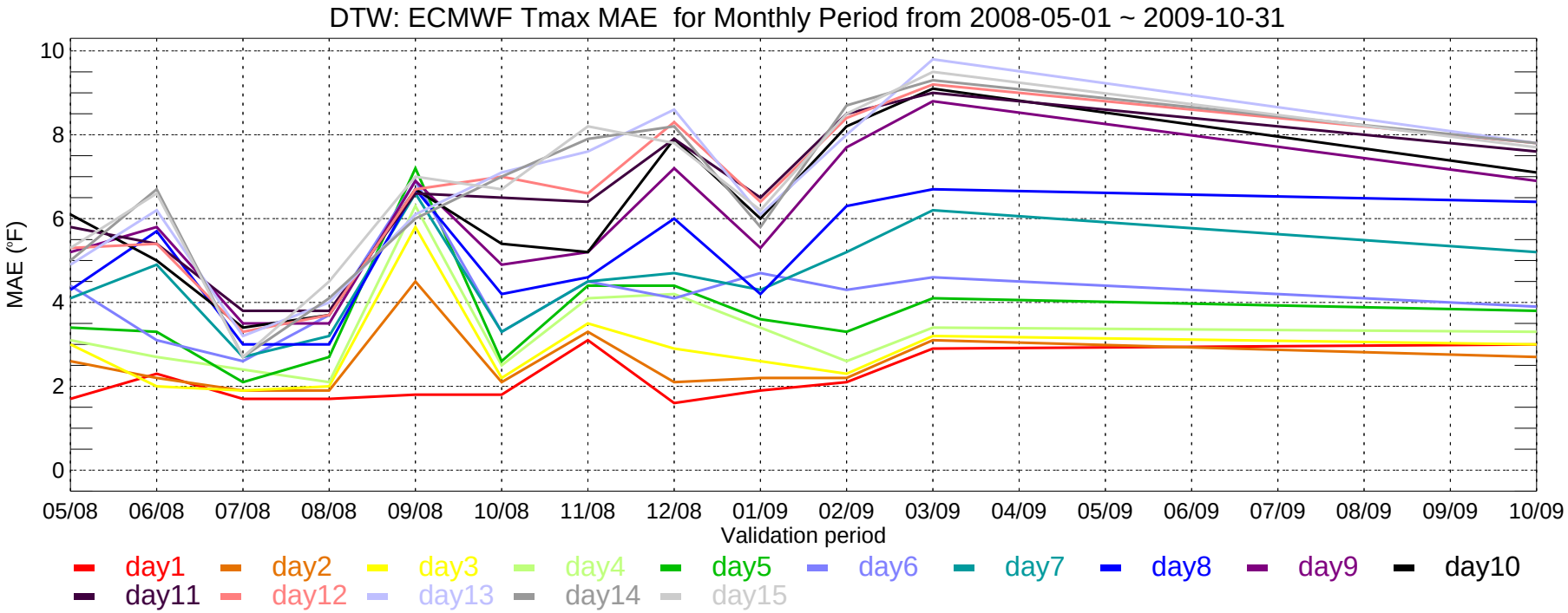
day14
day15


DTW: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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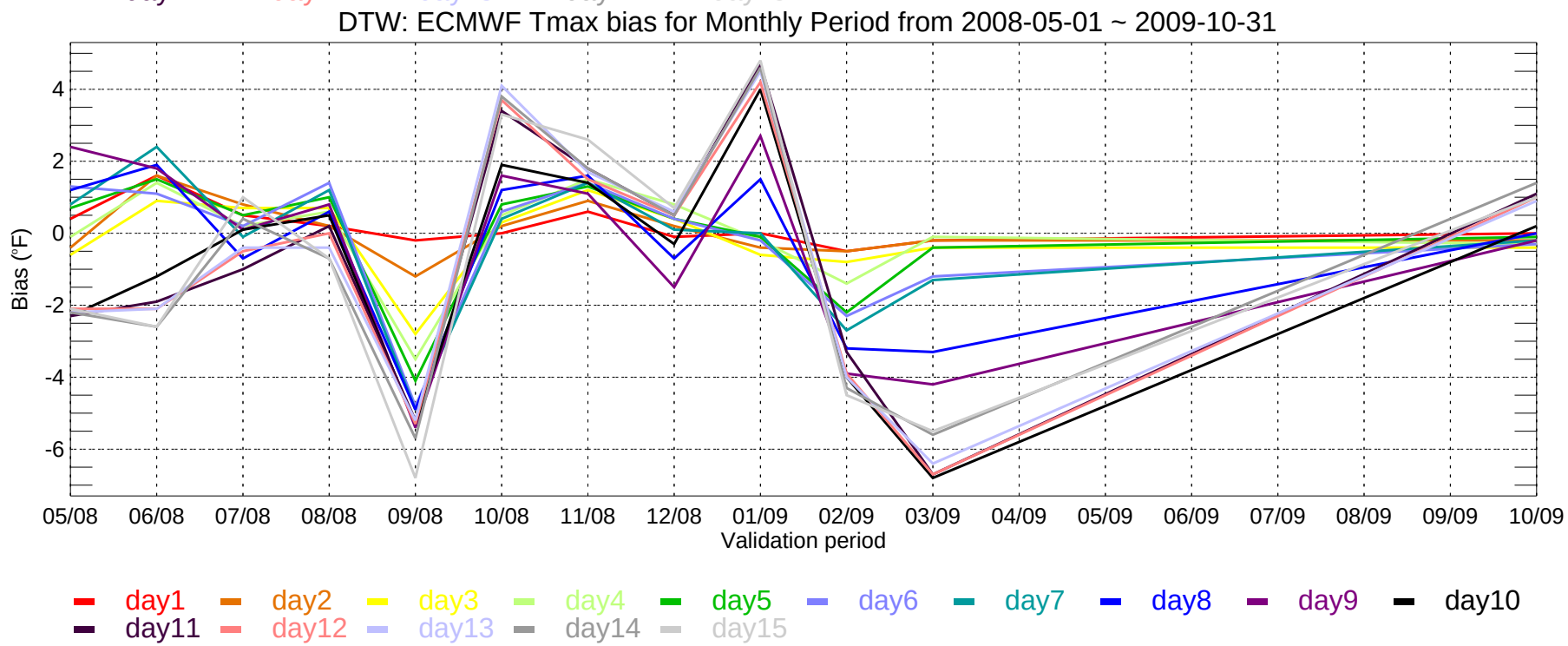
day12
day13
day14
day15


DTW: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
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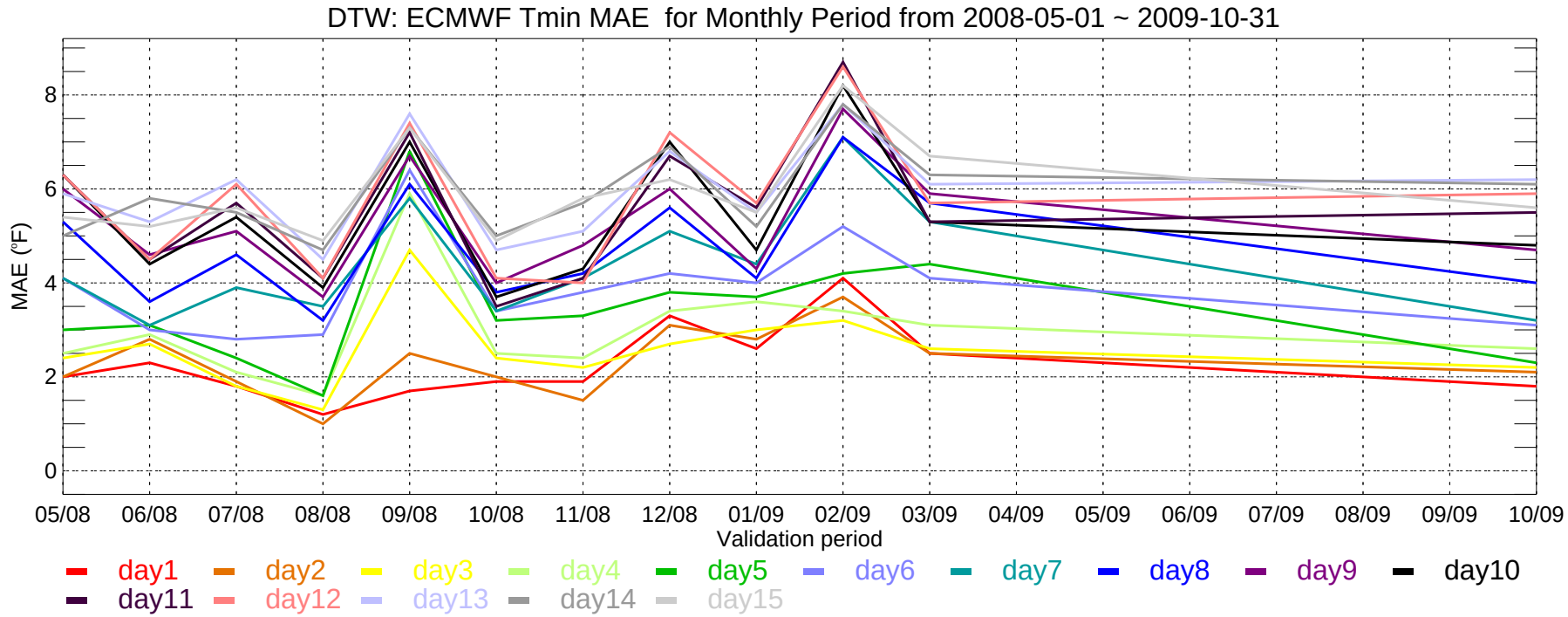
day13
day14
day15


DTW: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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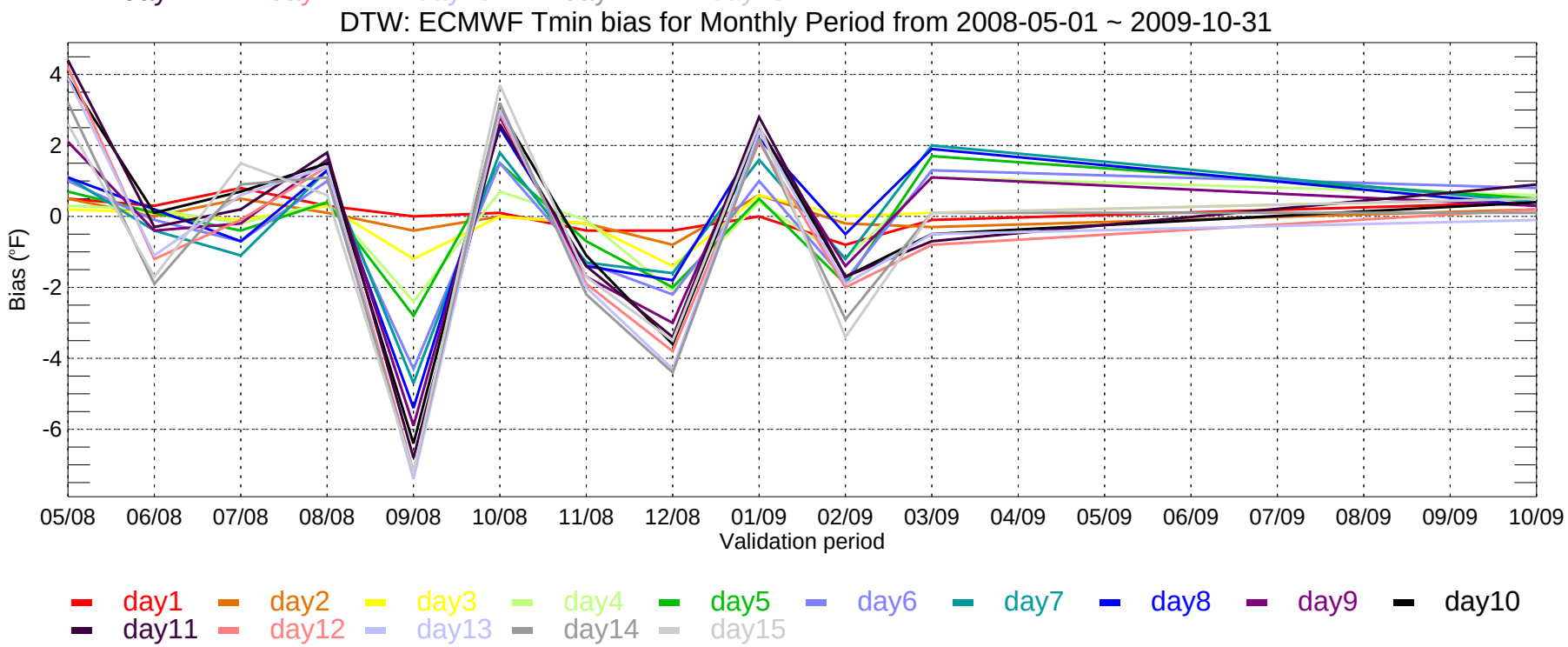
day15


DTW: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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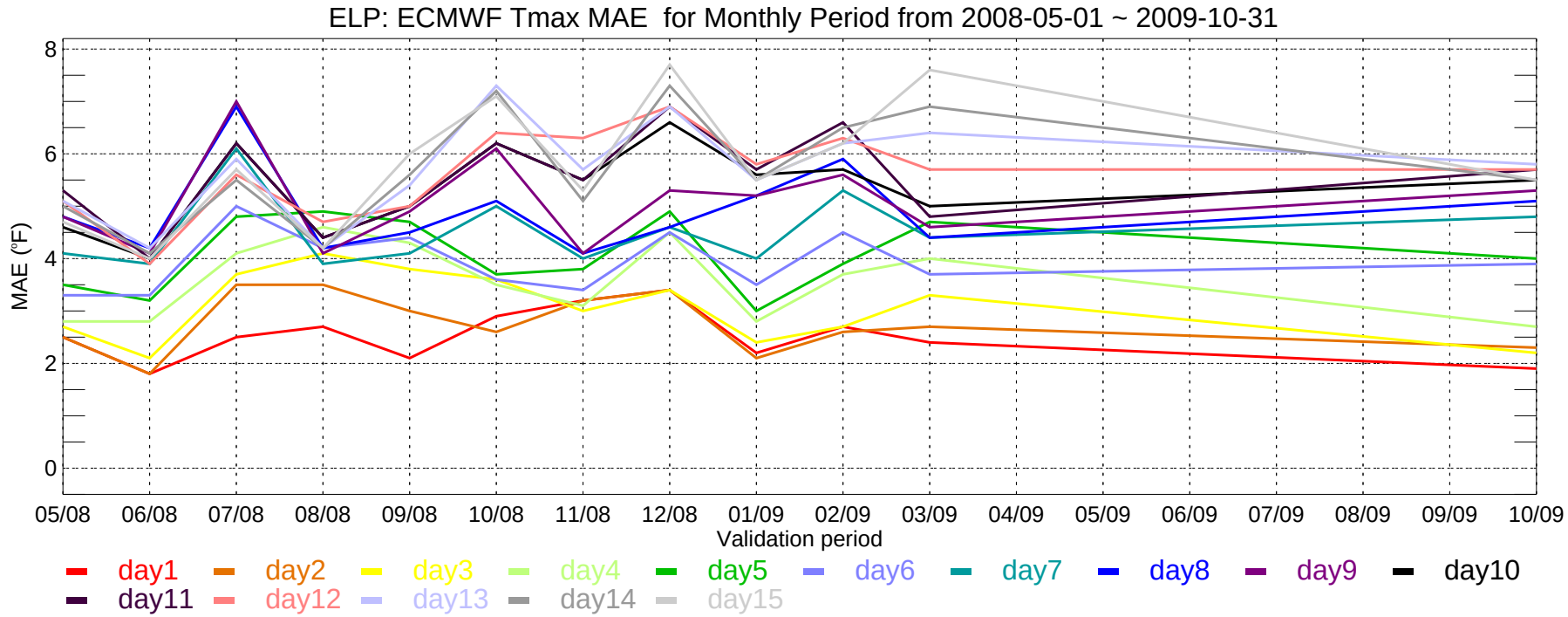
day15


ELP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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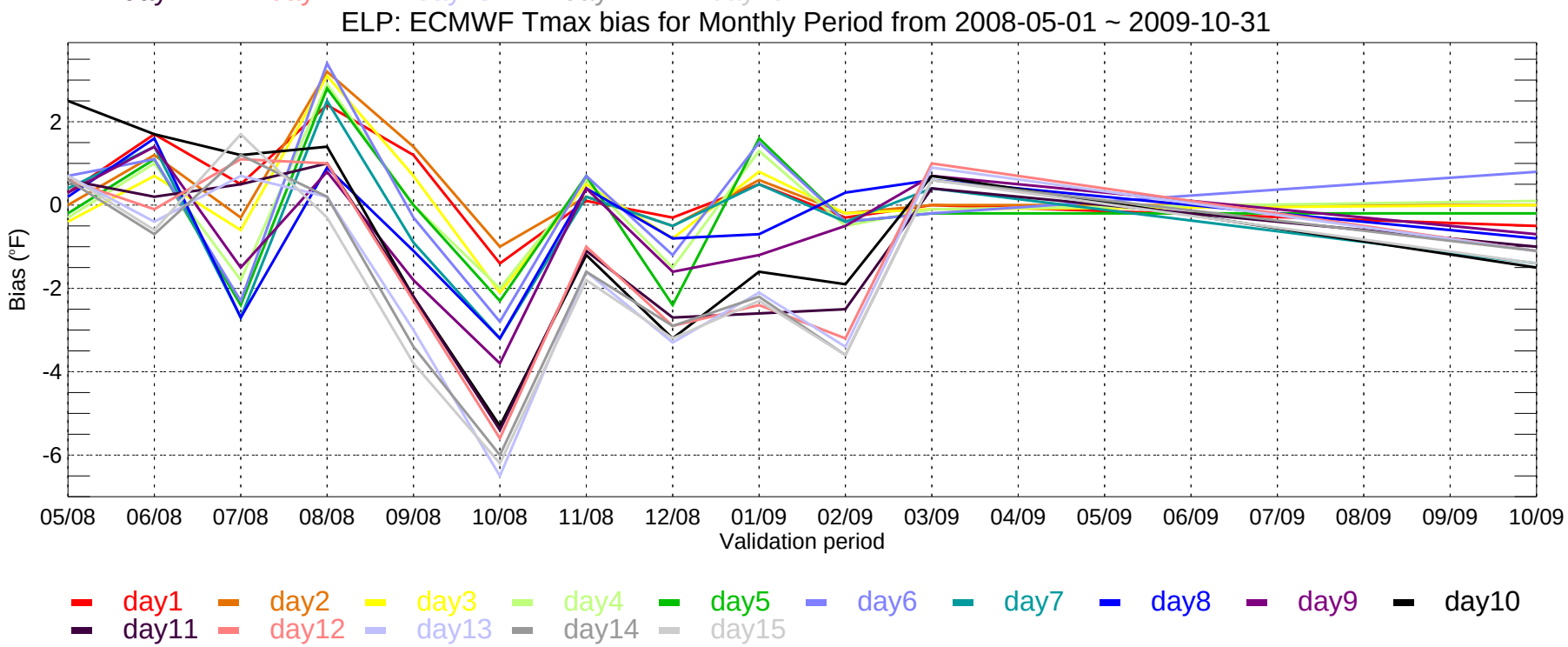
day15


ELP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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06/09
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10/09
Validation period
day1
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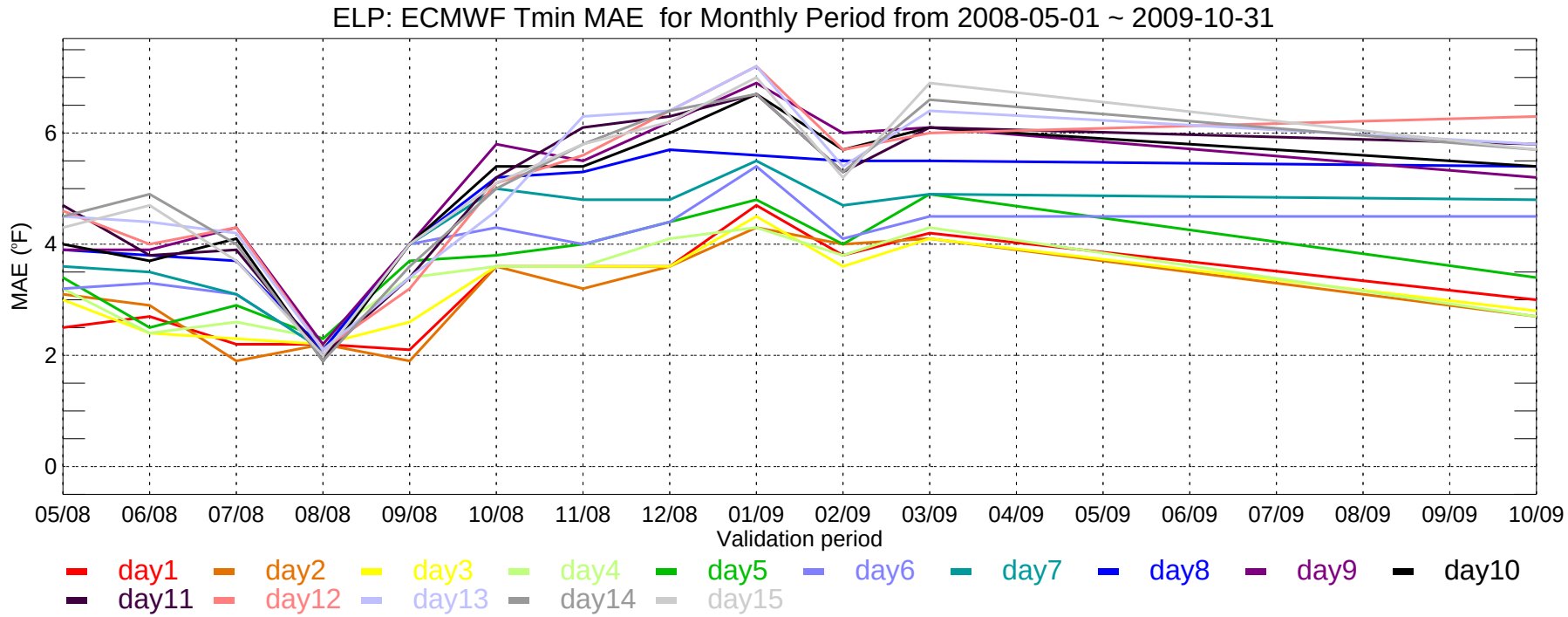
day15


ELP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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10/09
Validation period
day1
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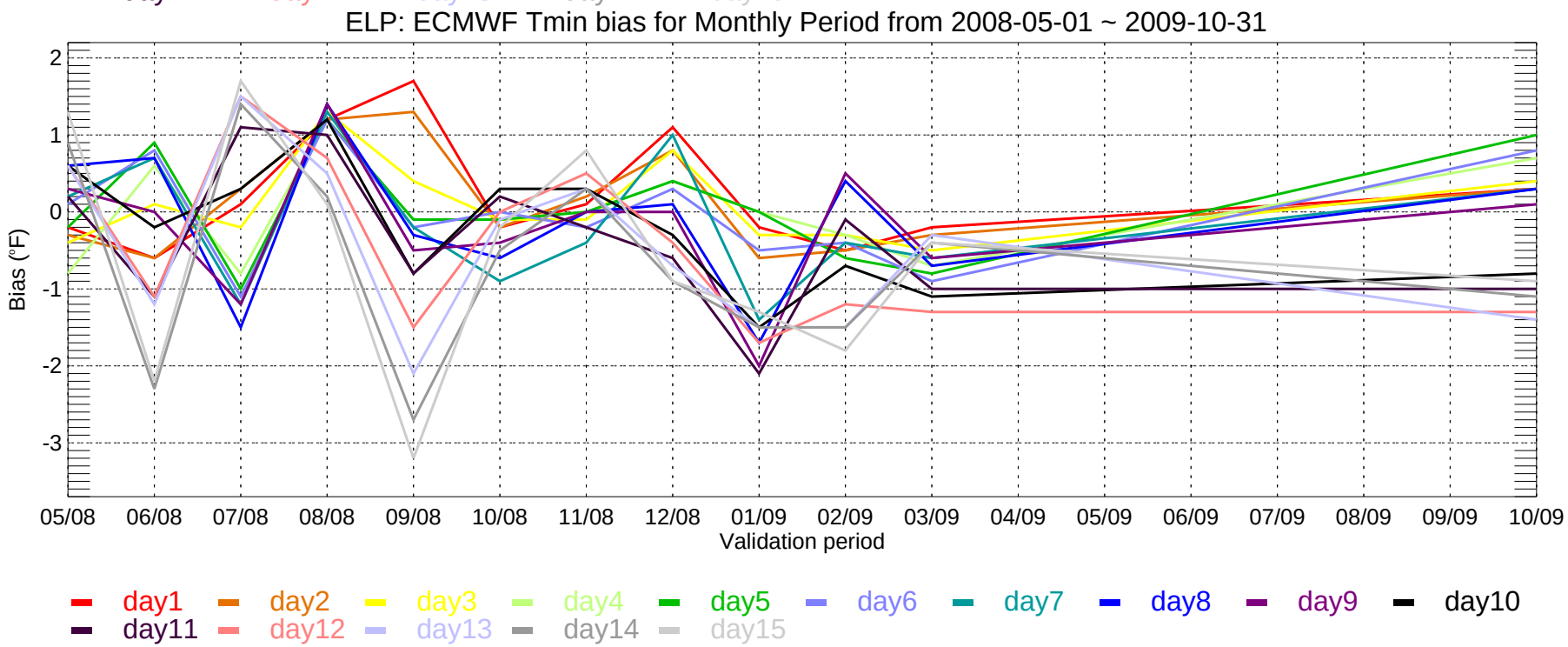
ELP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
1
0
-1
-2
-3
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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Validation period
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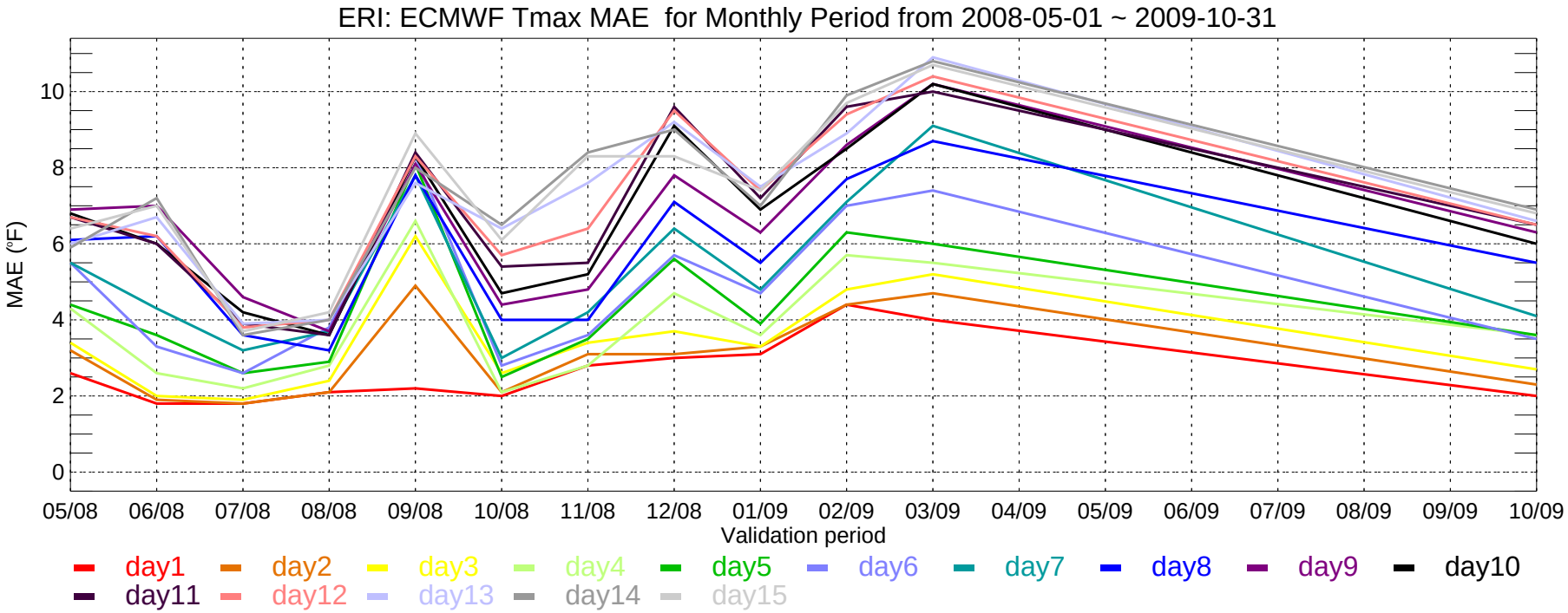
ERI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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10/09
Validation period
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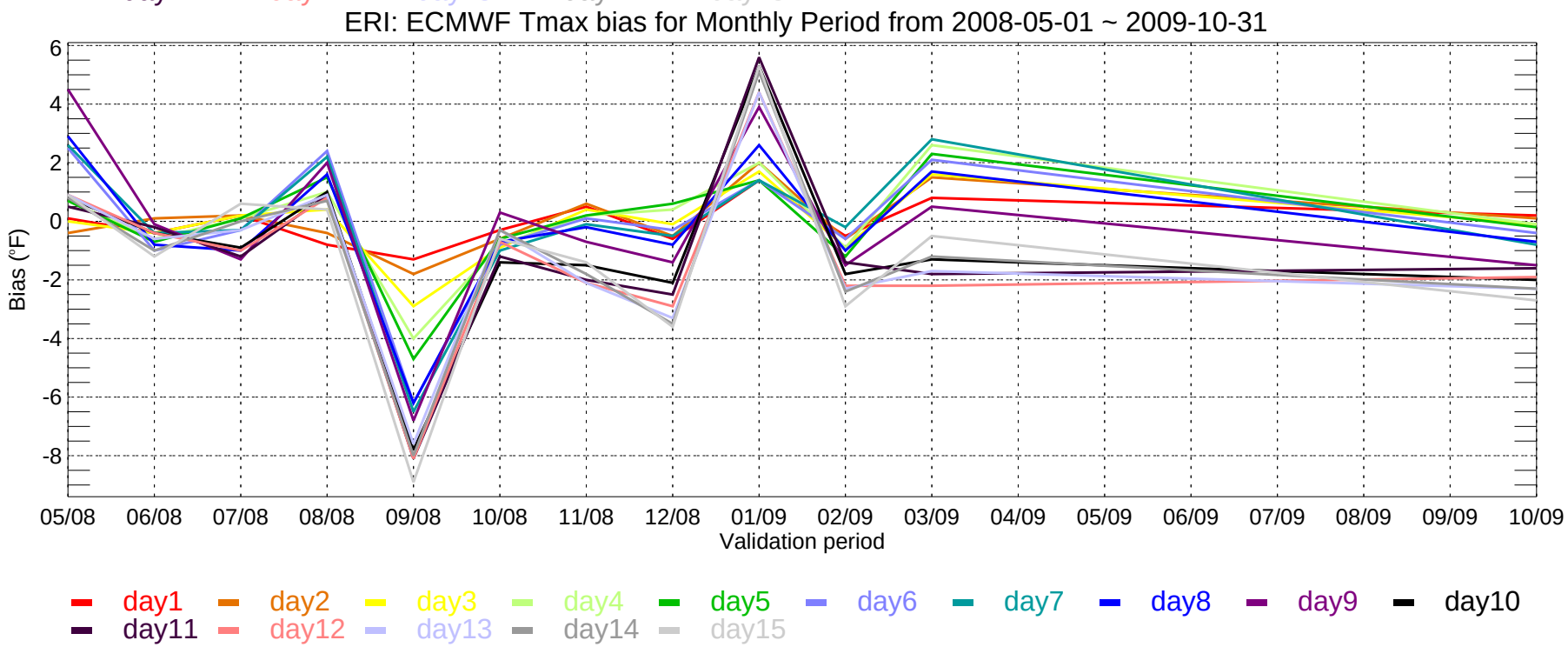
ERI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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Validation period
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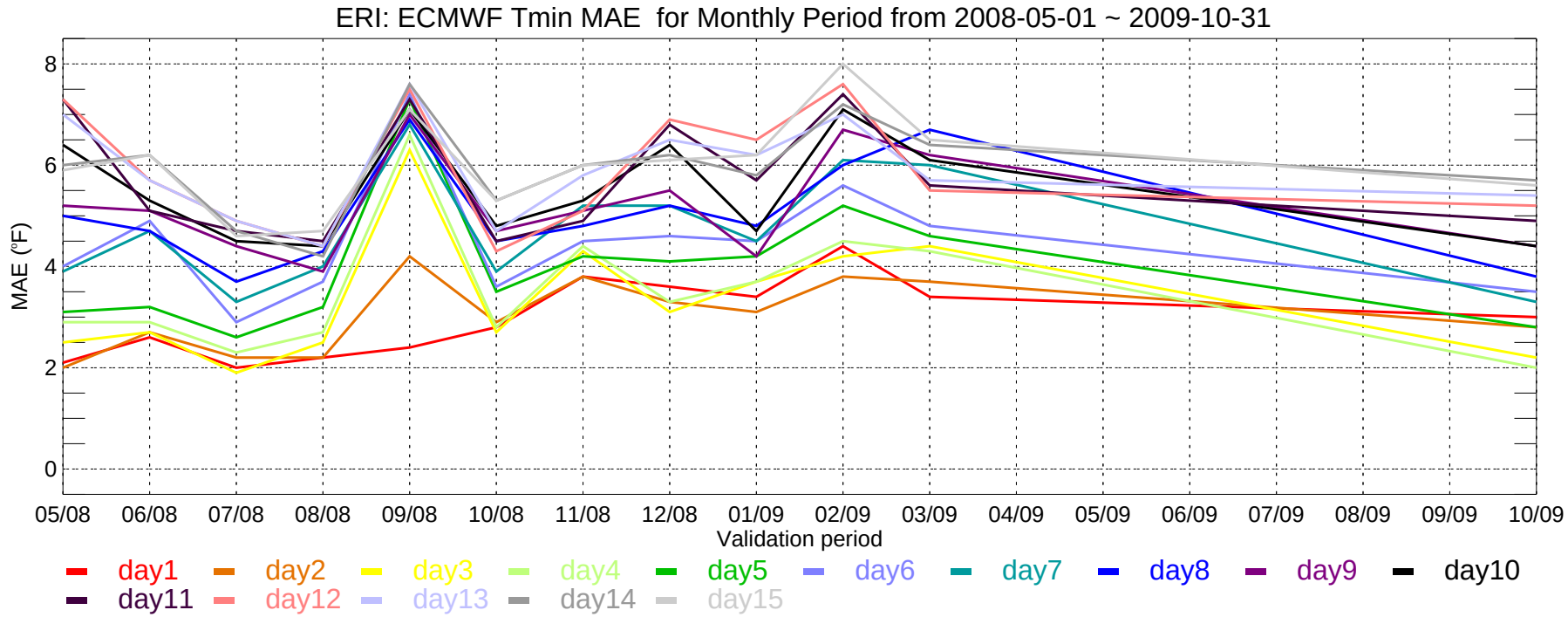
ERI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
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05/08
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09/08
10/08
11/08
12/08
01/09
02/09
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04/09
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Validation period
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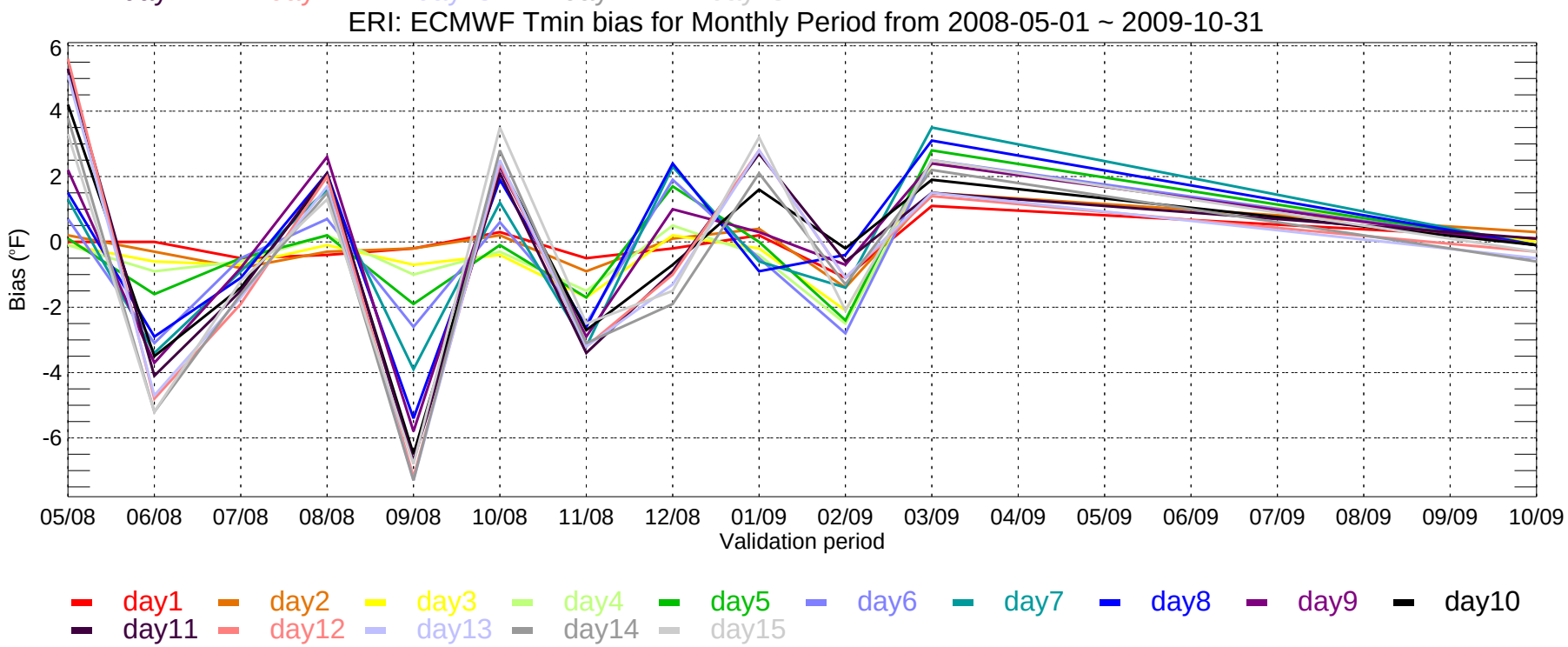
ERI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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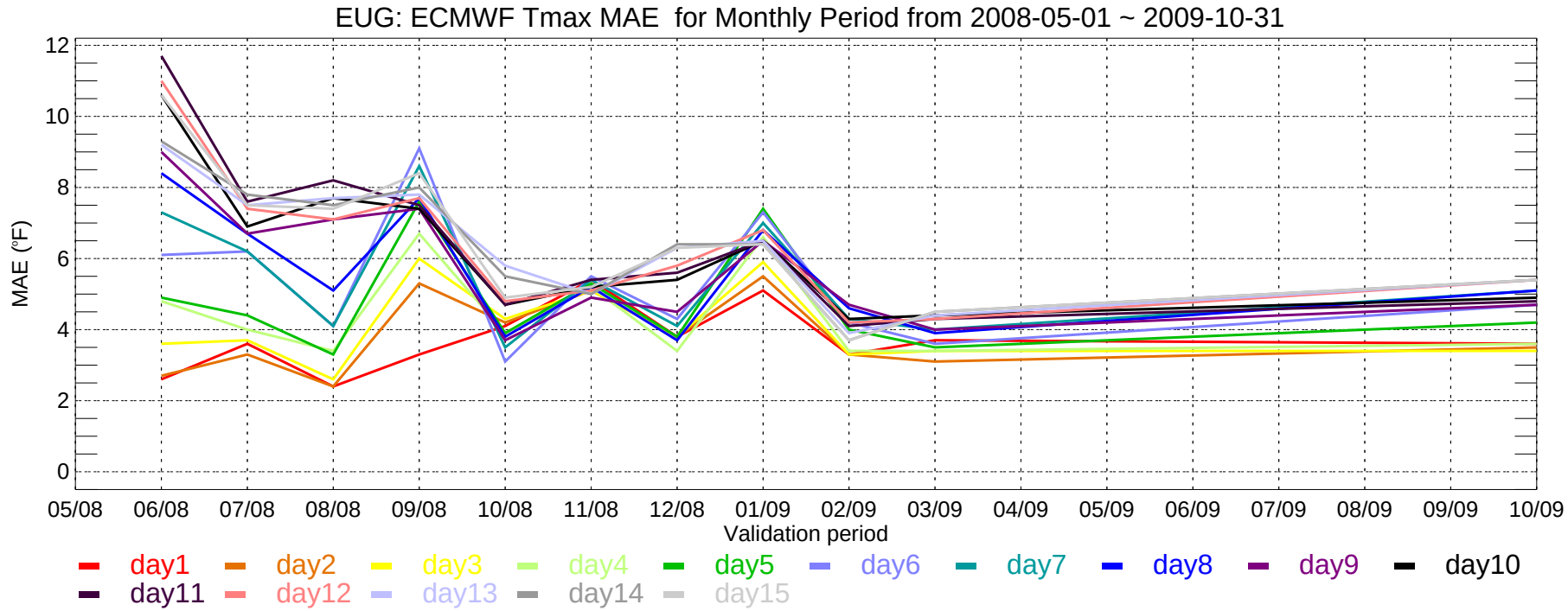
EUG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day11
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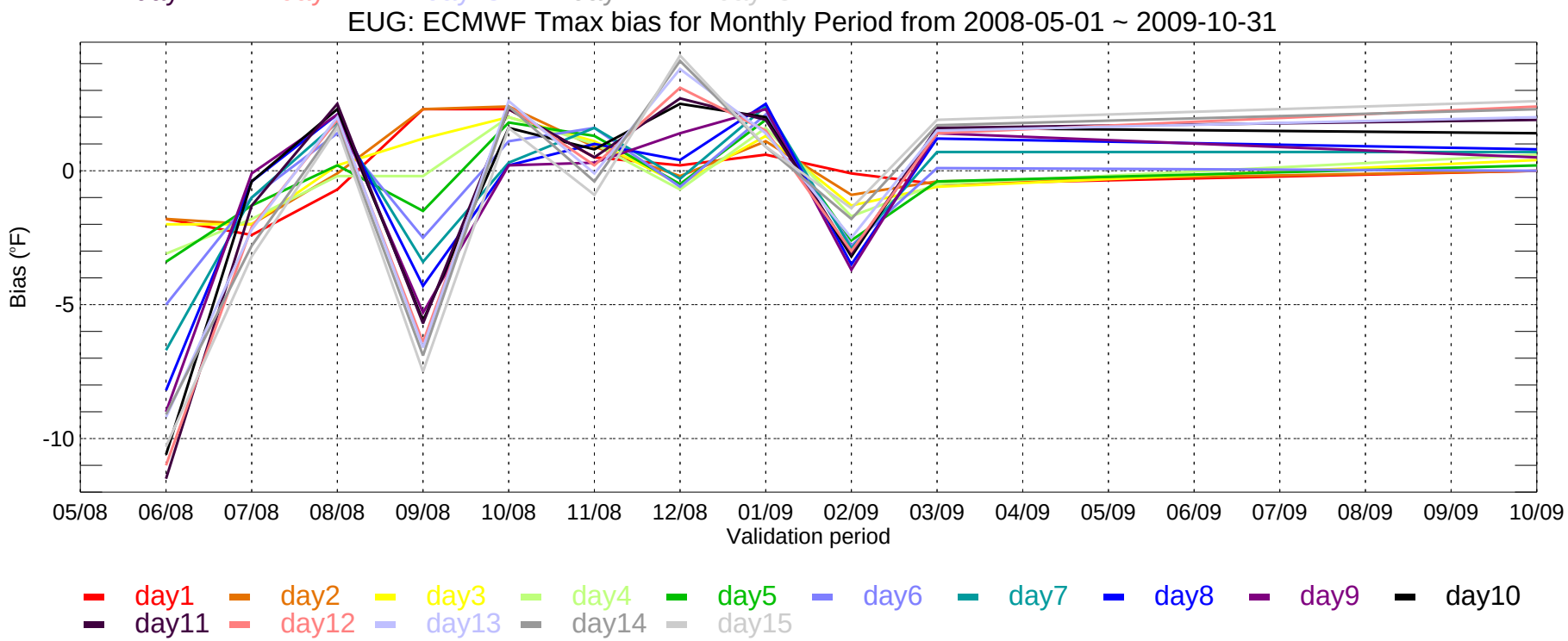
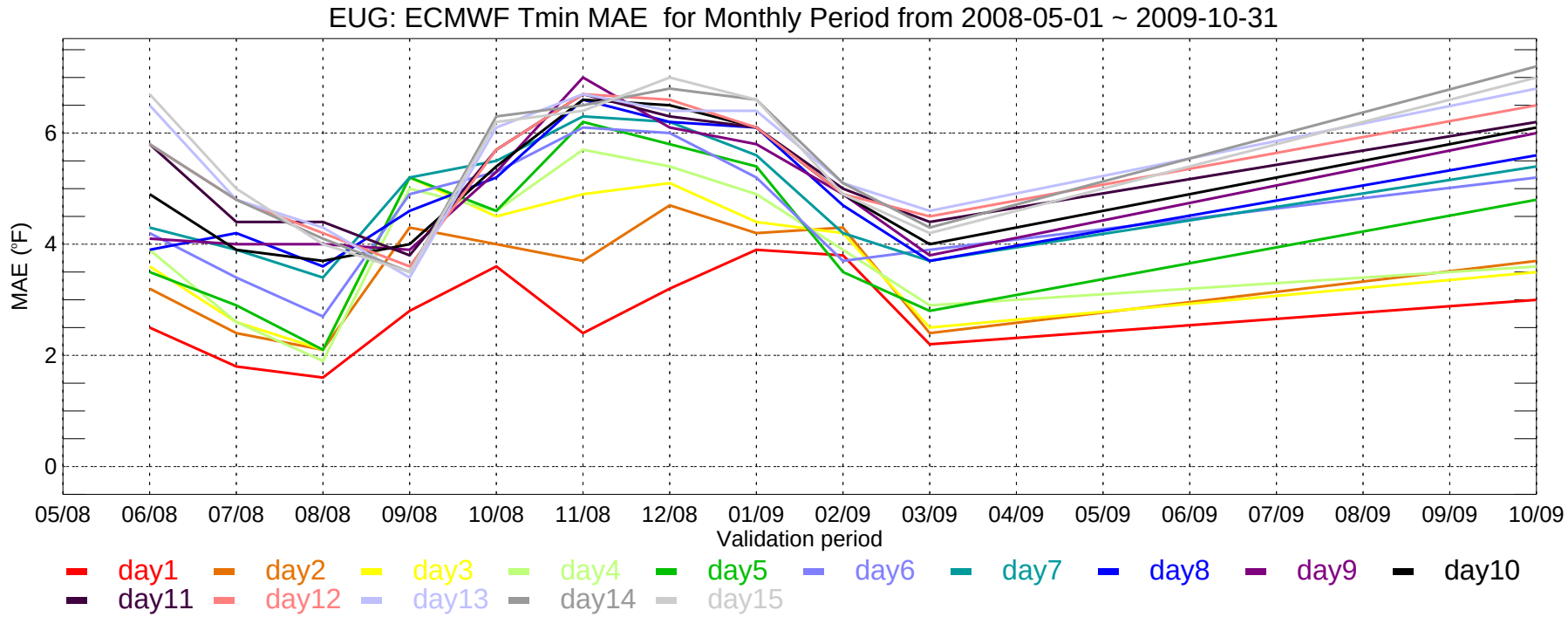
day13
day14
day15


EUG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


EUG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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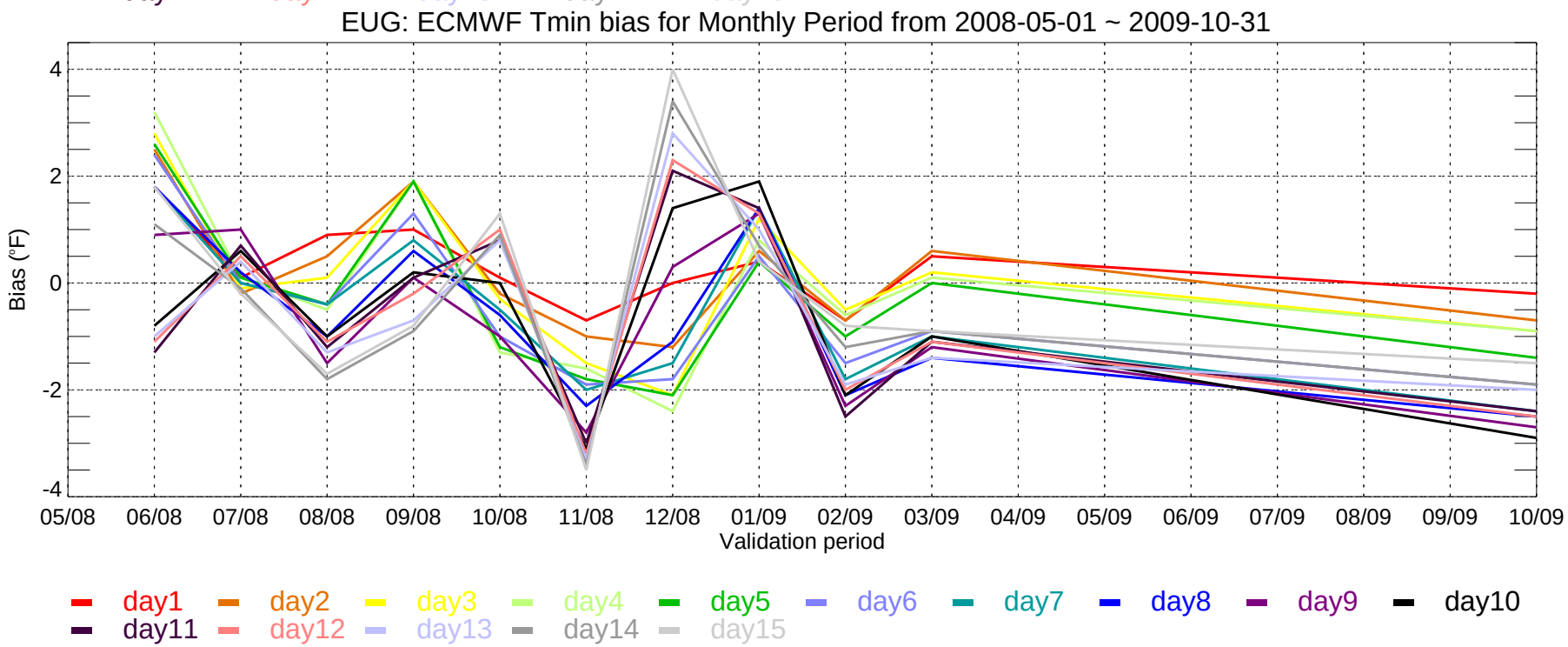
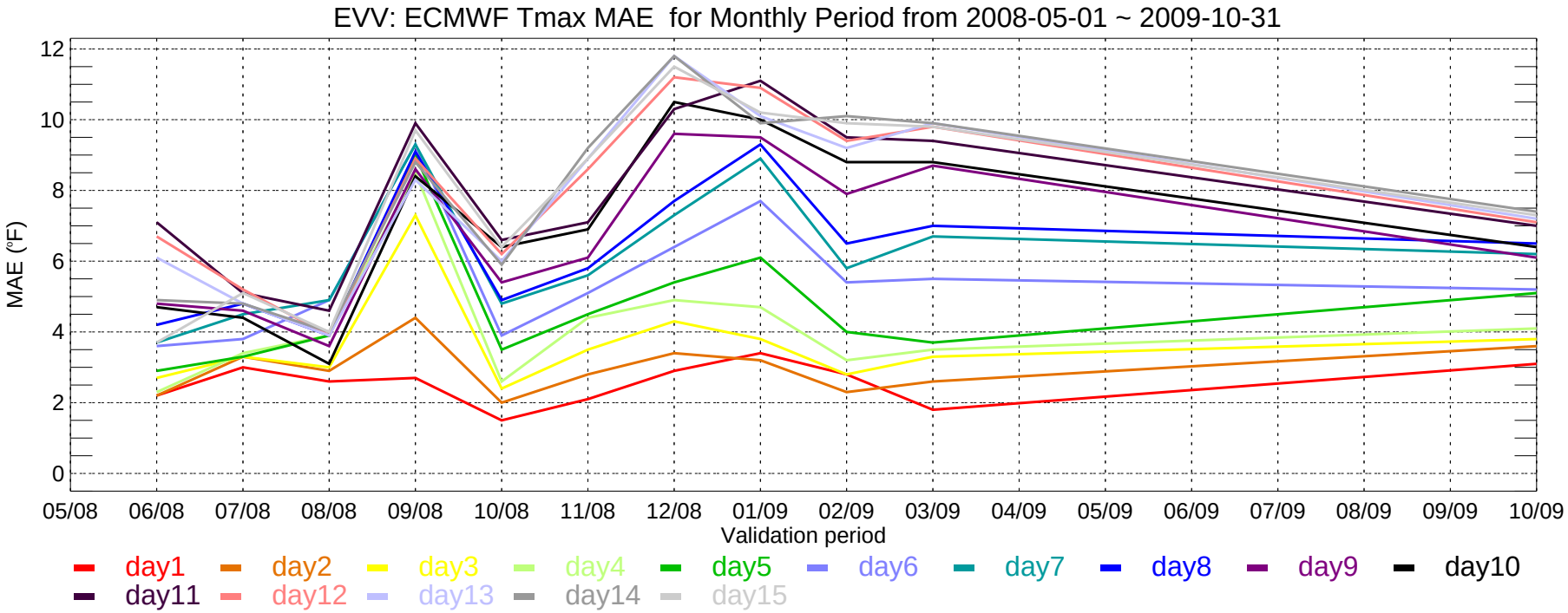
day13
day14
day15


EUG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


EVV: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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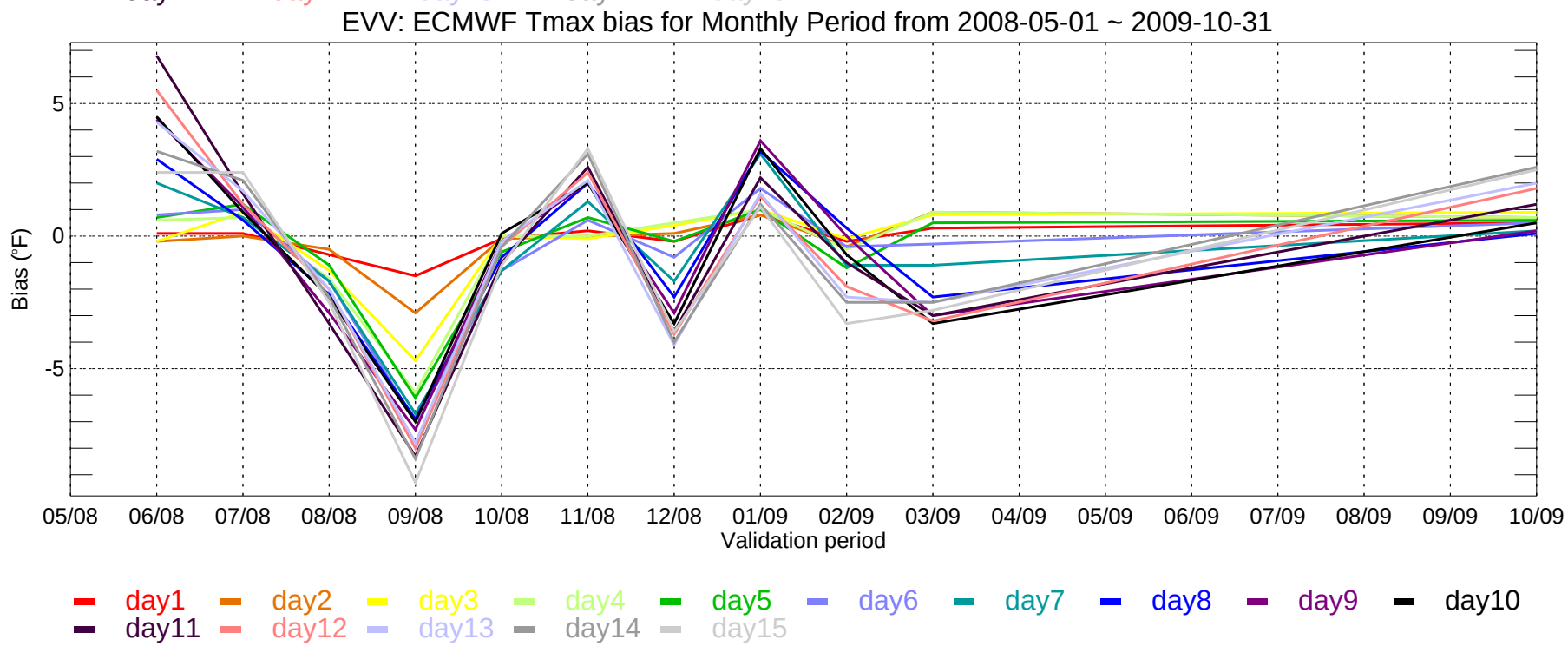
day13
day14
day15


EVV: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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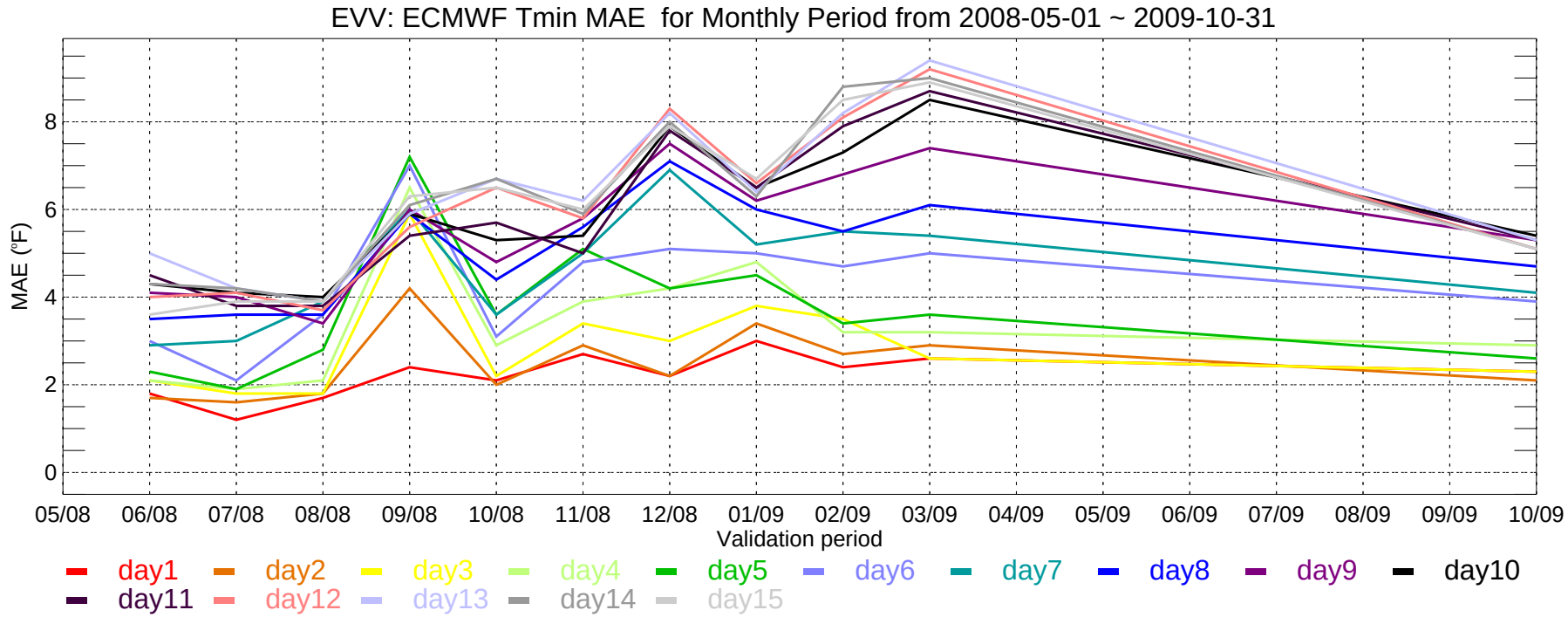
day10
day11
day12
day13
day14
day15


EVV: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
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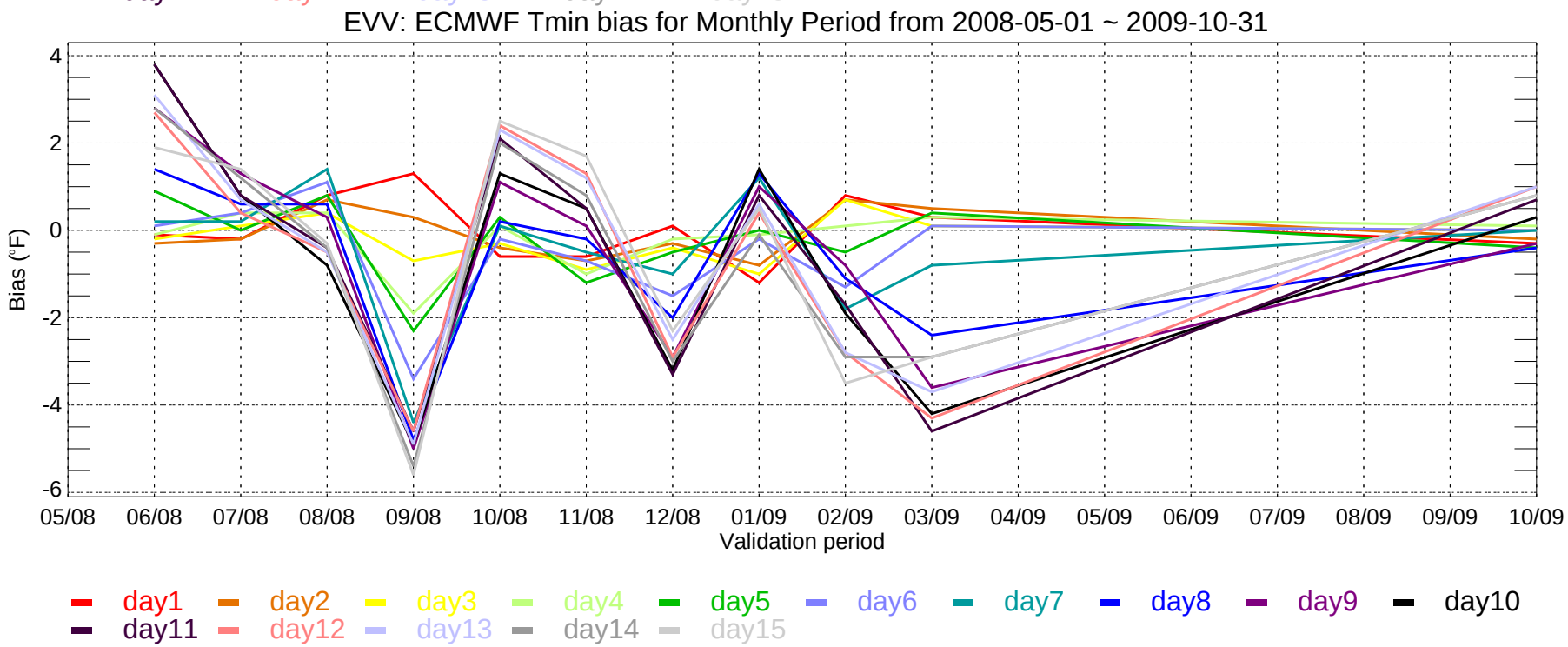
day14
day15


EVV: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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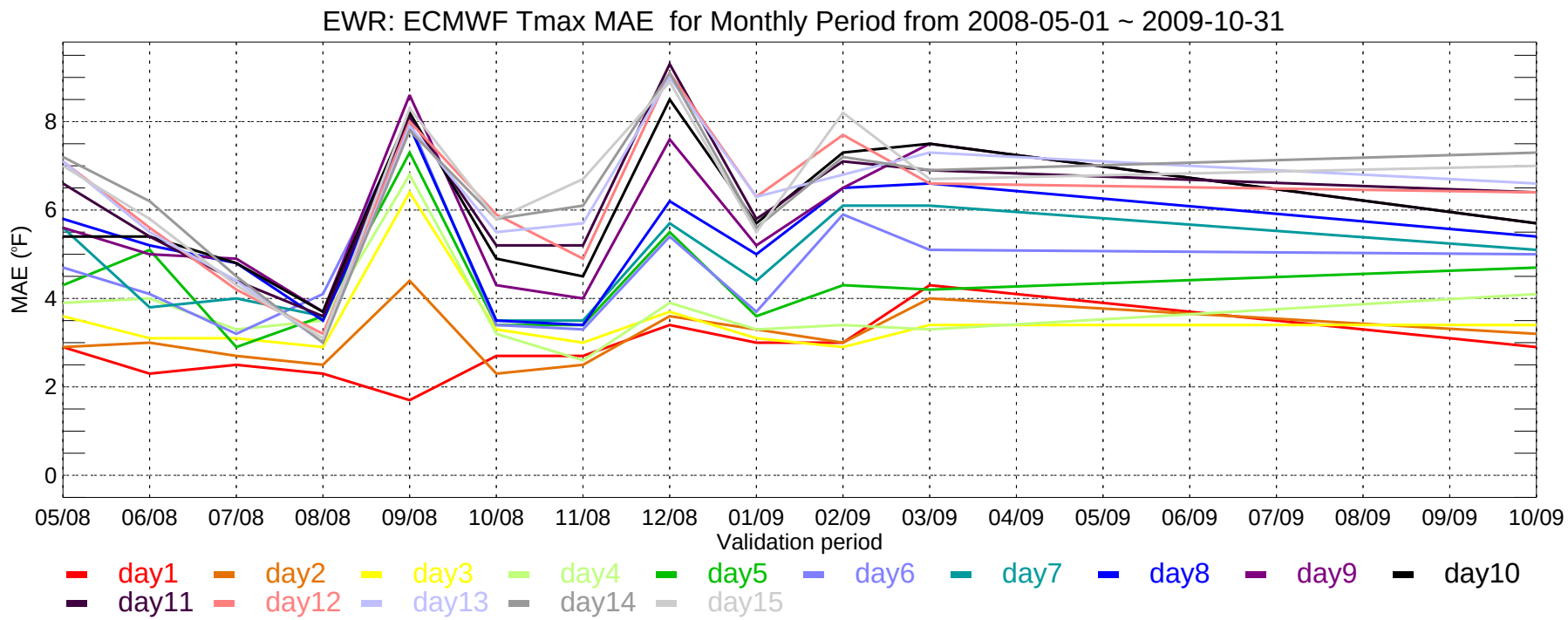
day14
day15


EWR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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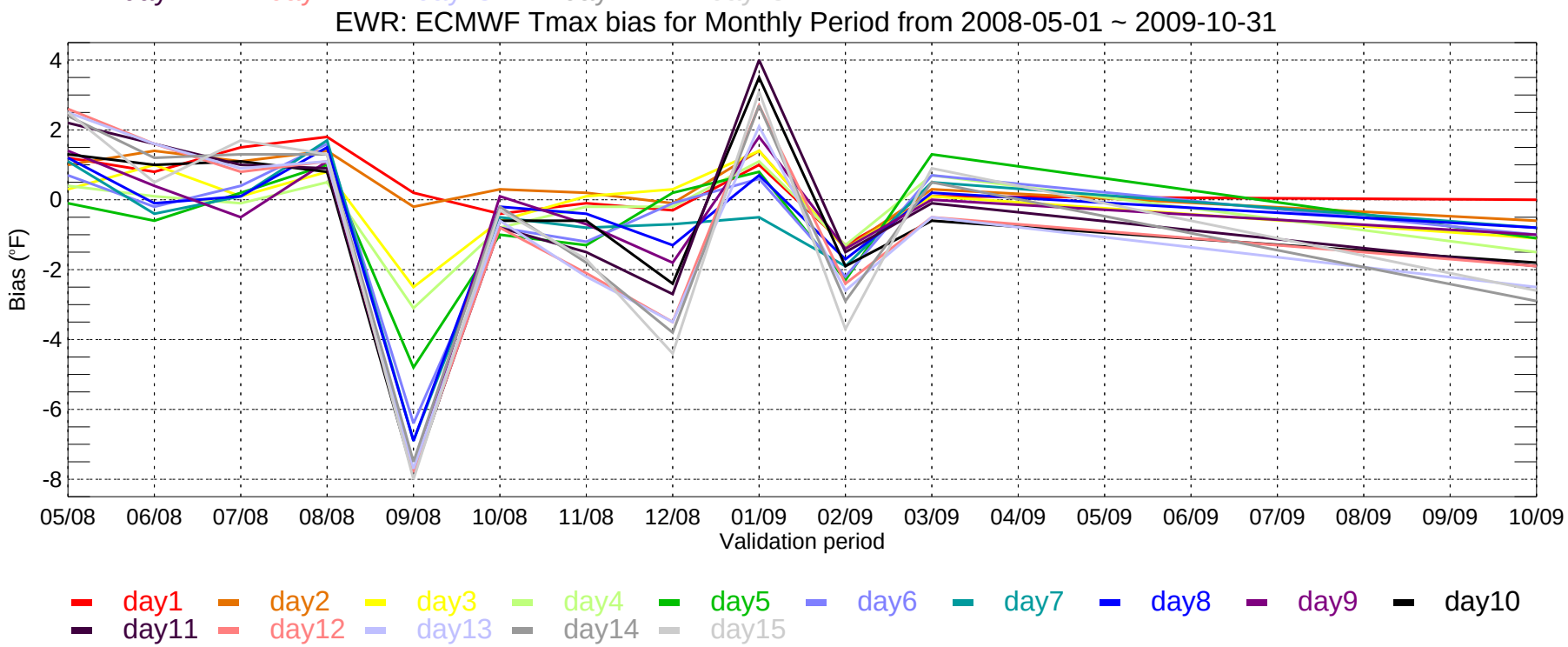
day15


EWR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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07/09
08/09
09/09
10/09
Validation period
day1
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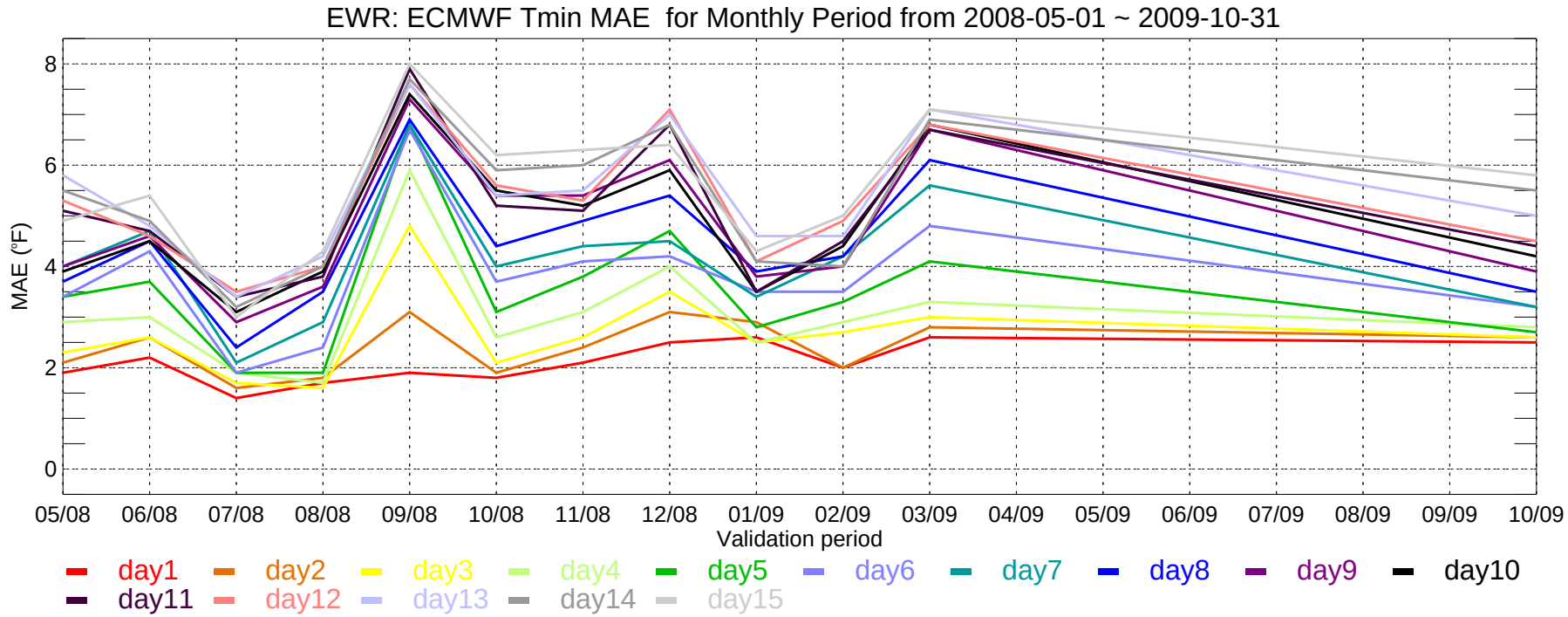
day14
day15


EWR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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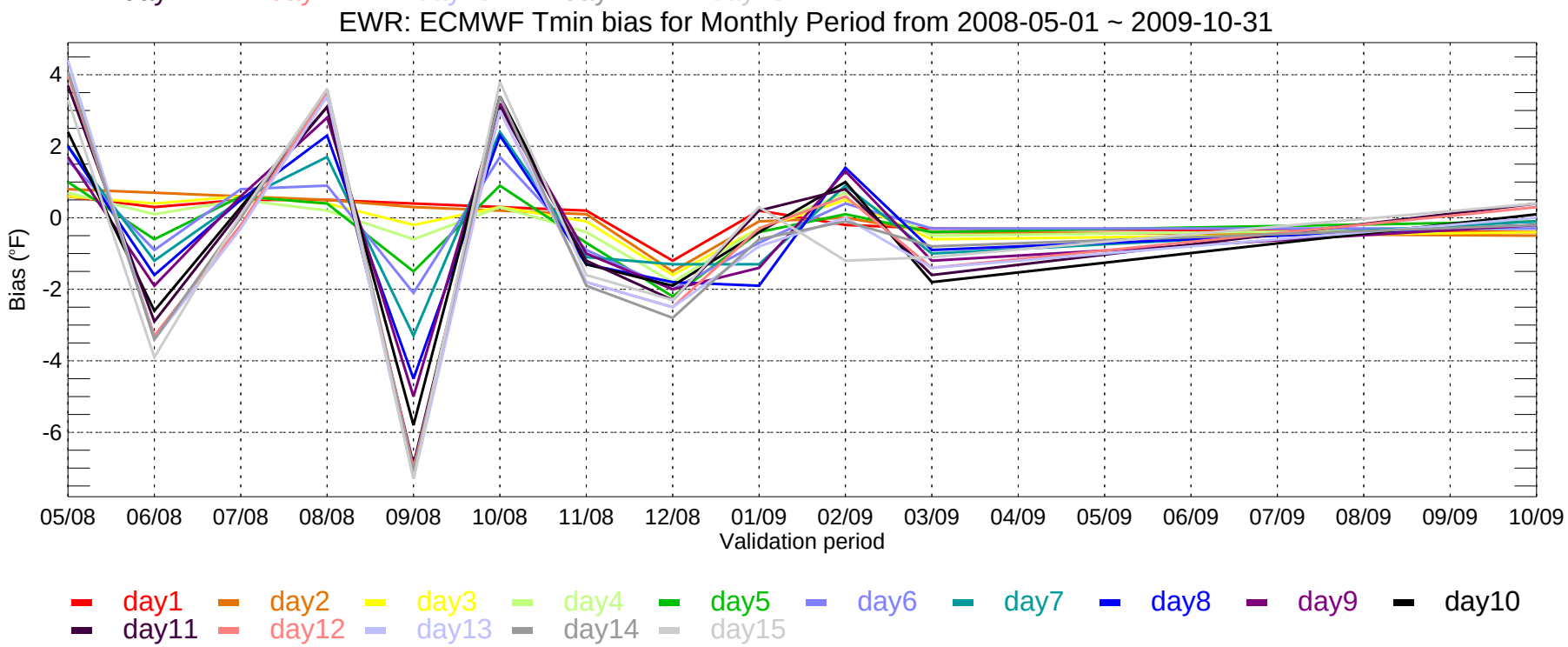
day15


EWR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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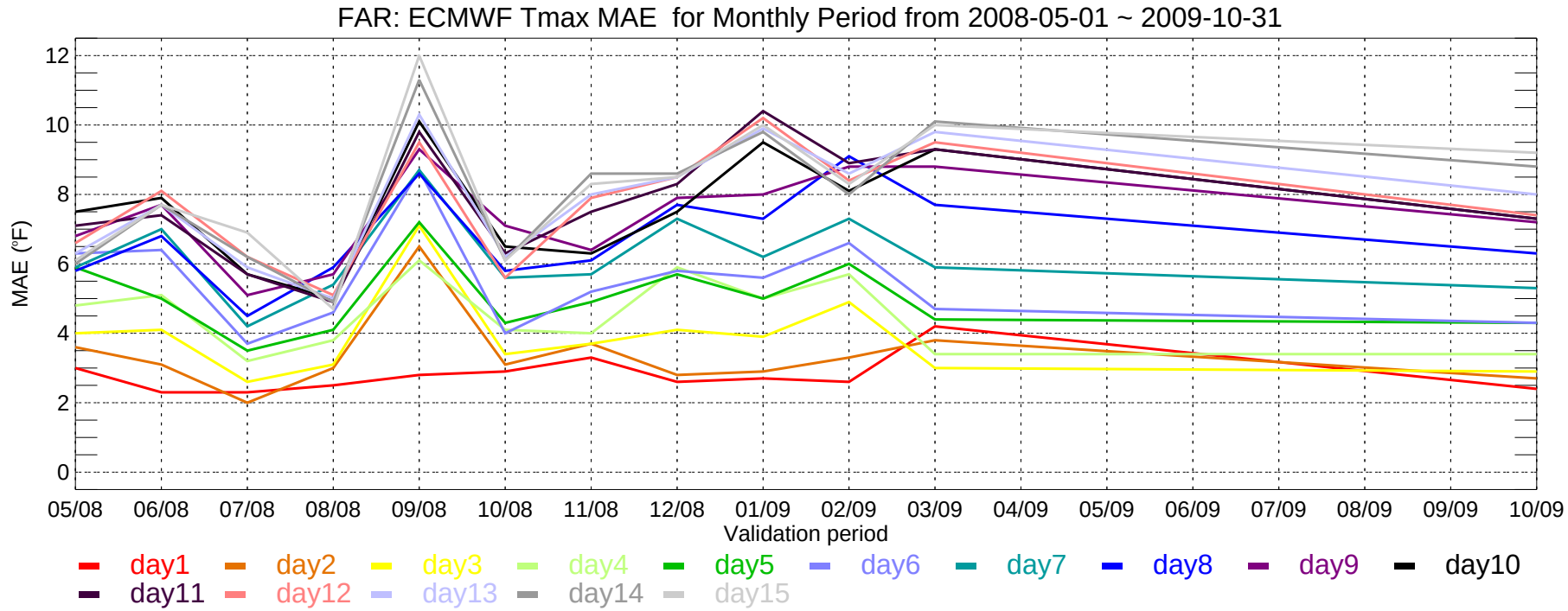
day14
day15


FAR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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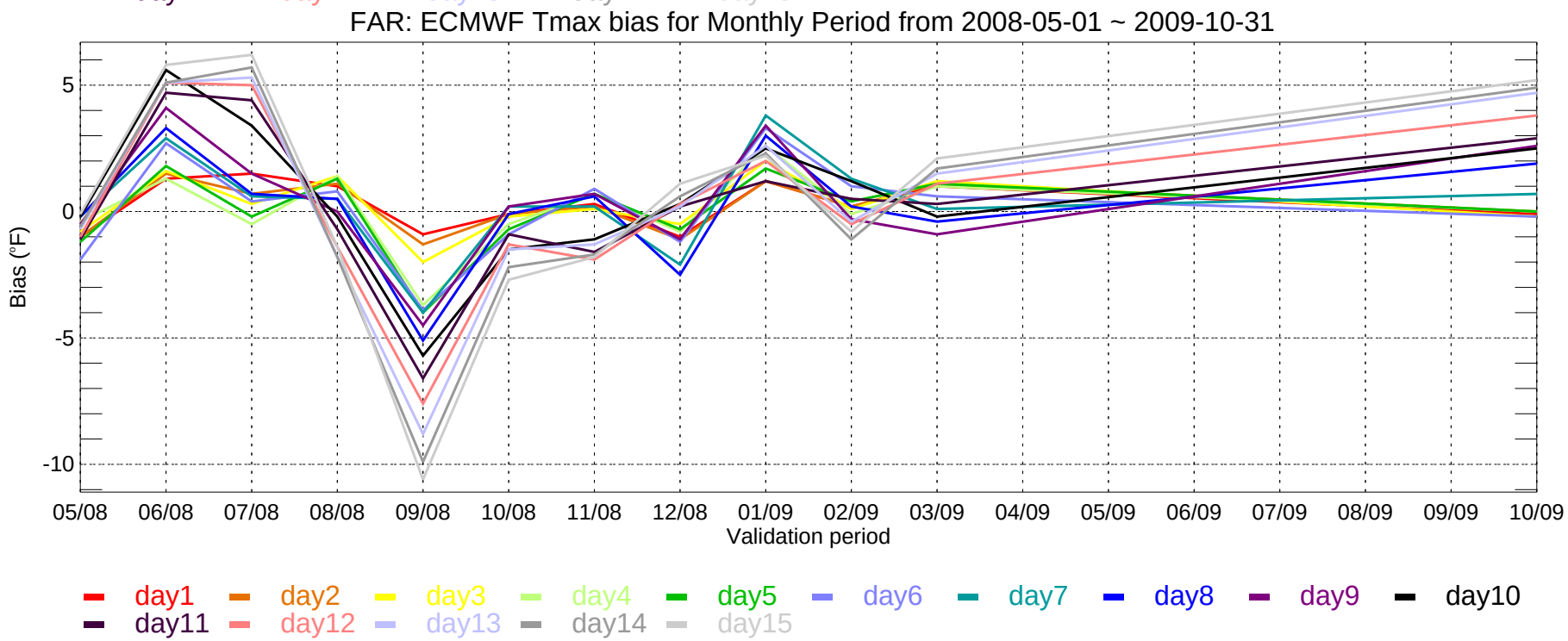
day14
day15


FAR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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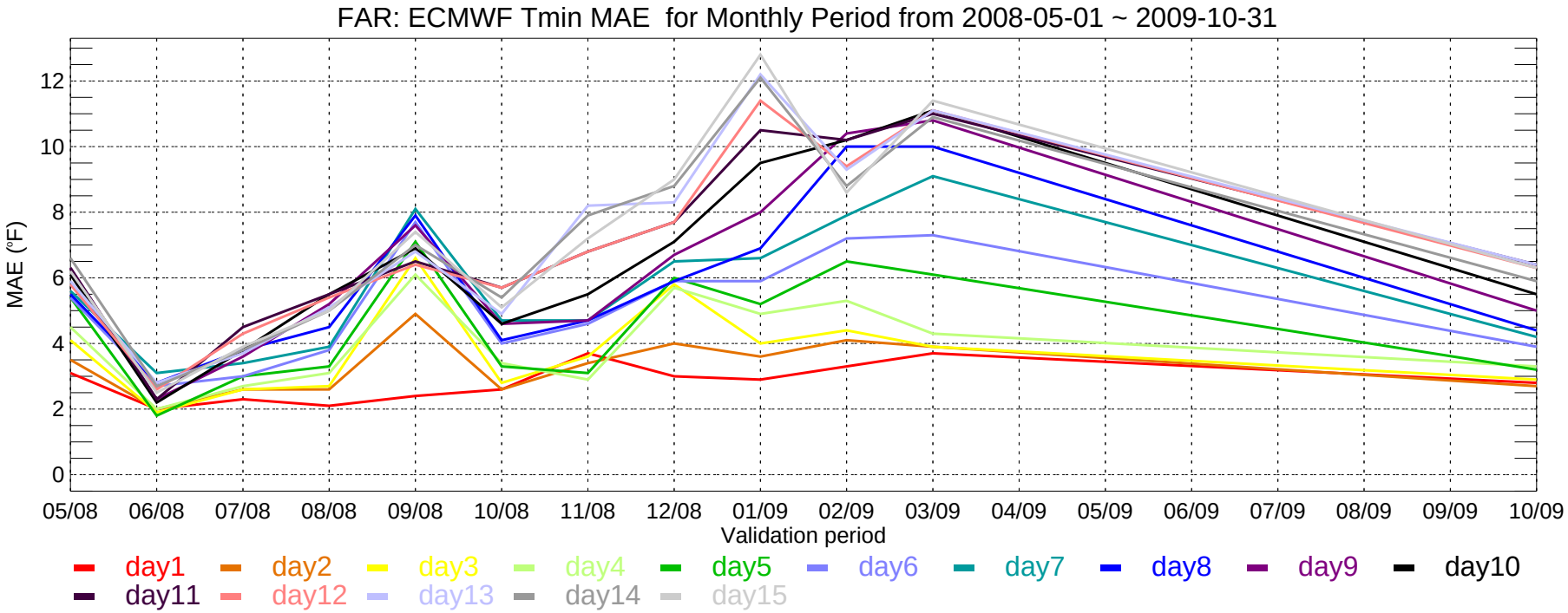
day14
day15


FAR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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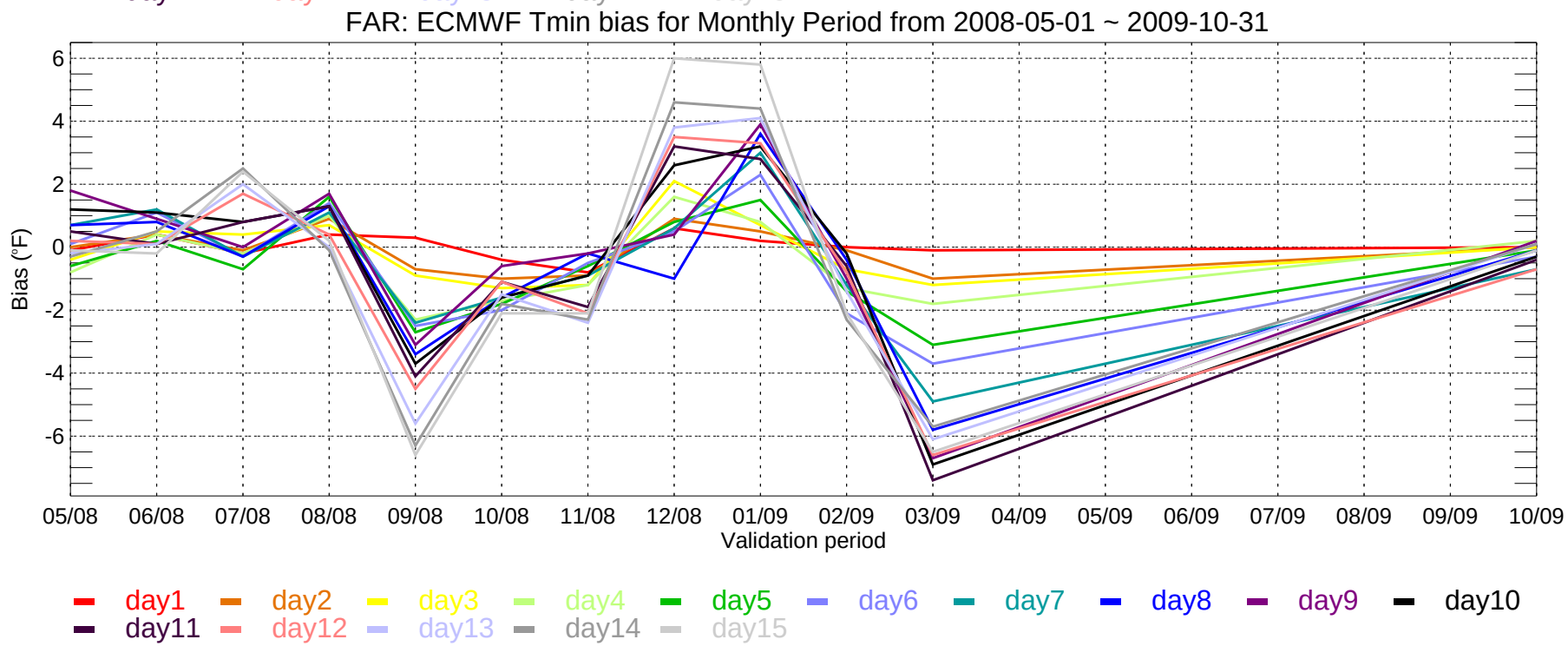
day15


FAR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
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10/09
Validation period
day1
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day4
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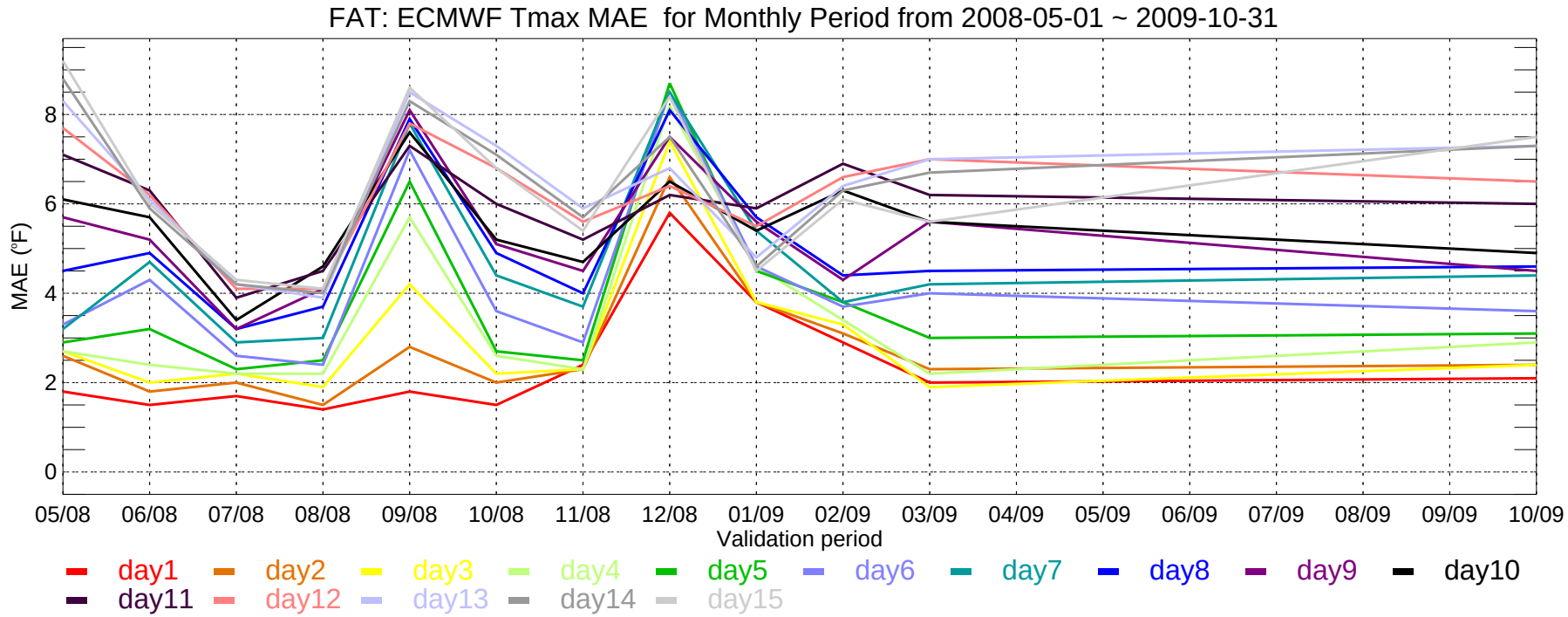
day15


FAT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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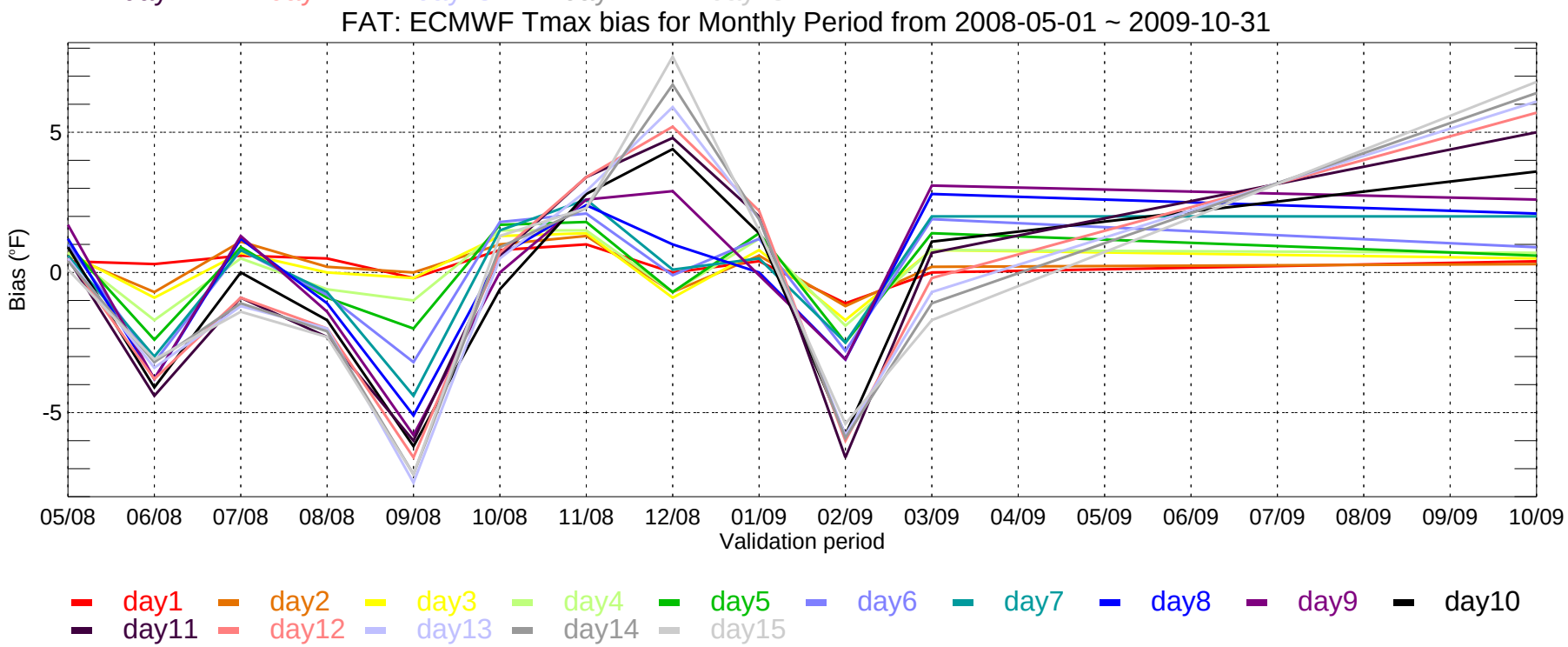
day15


FAT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-5
0
5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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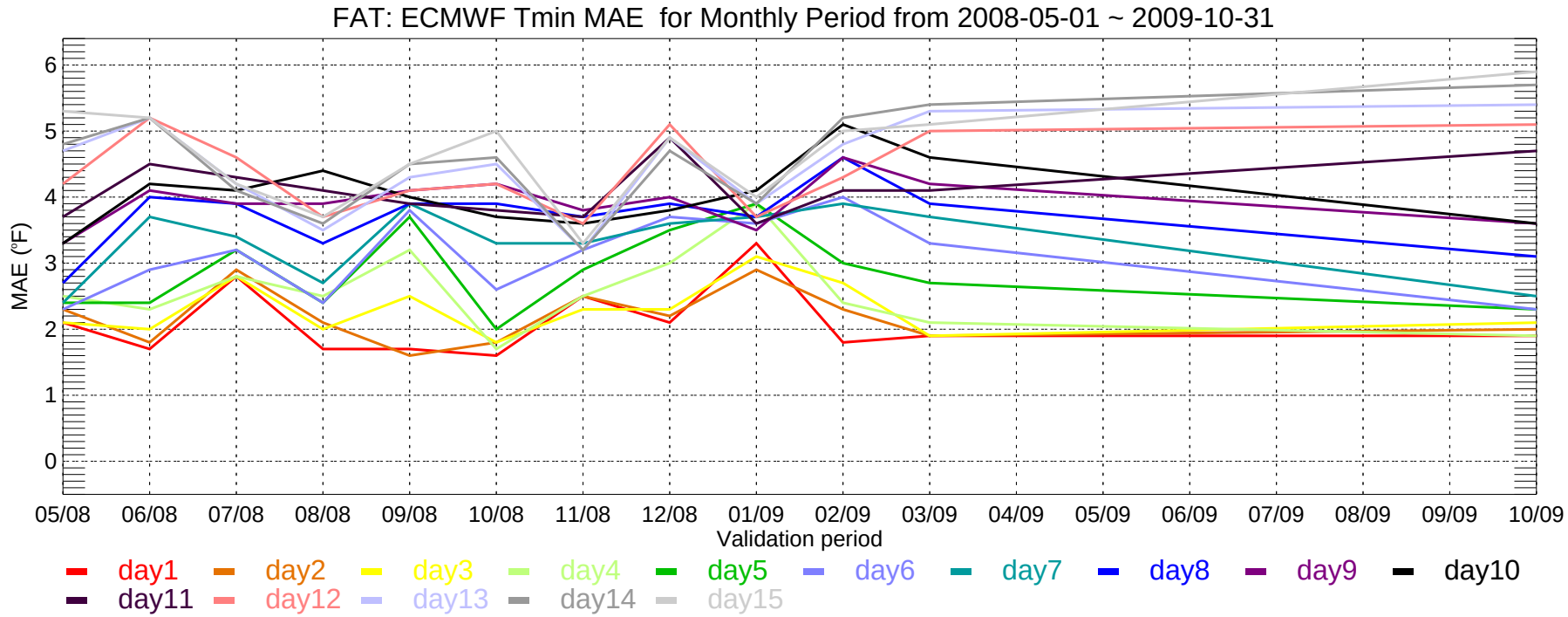
day15


FAT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
1
2
3
4
5
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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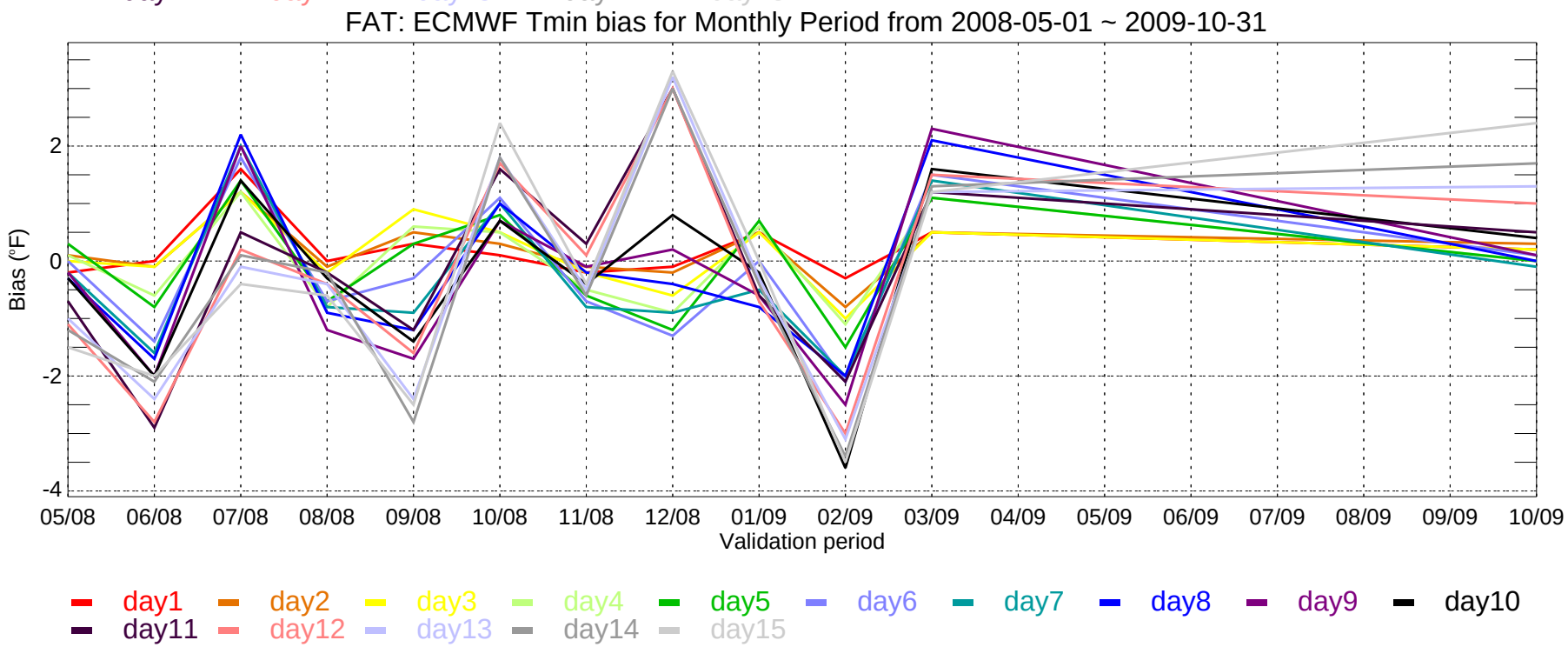
day15


FAT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day11
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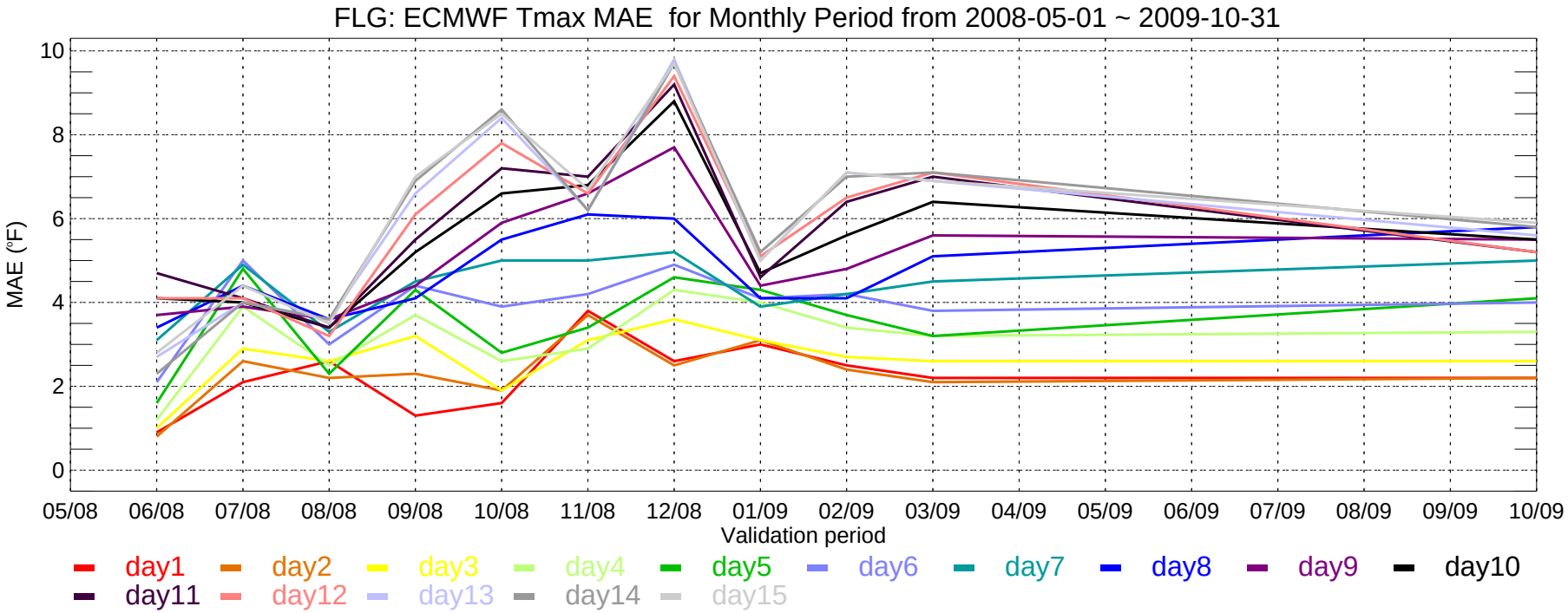
day13
day14
day15


FLG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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day8
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day11
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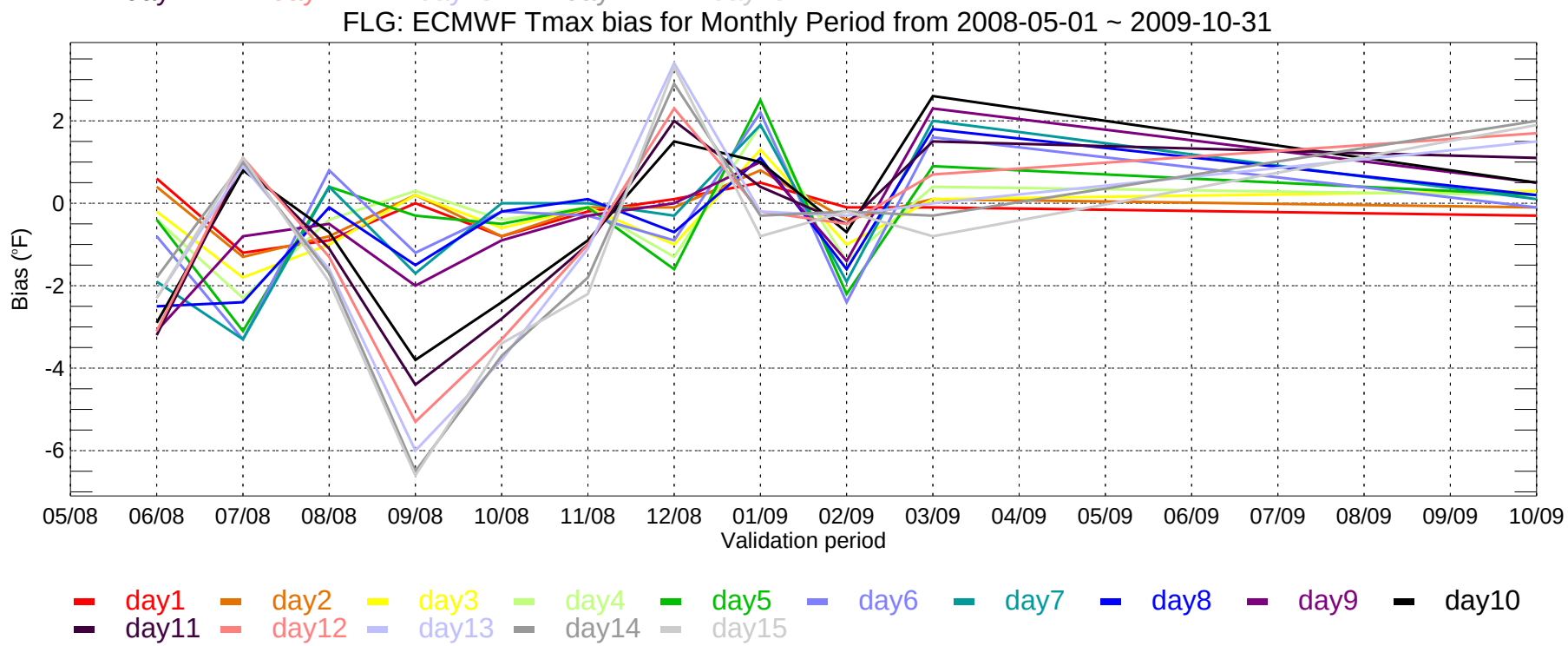
day14
day15


FLG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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day11
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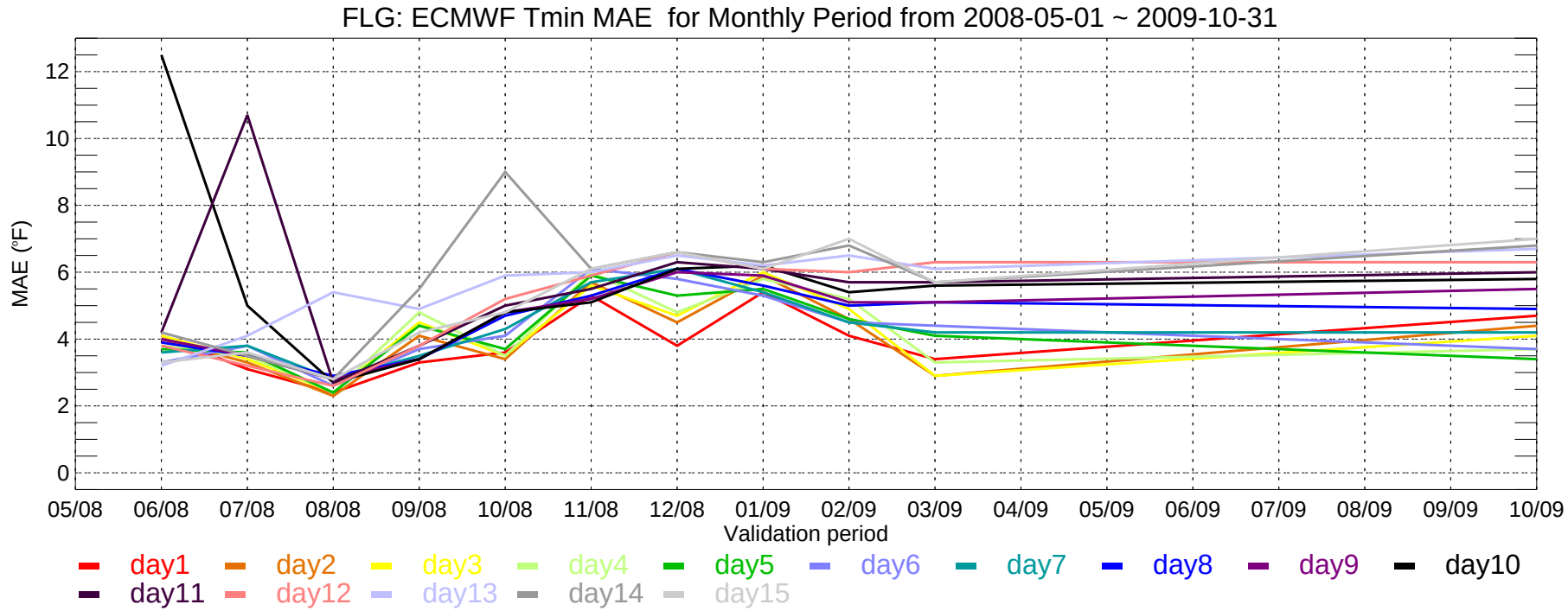
day14
day15


FLG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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10/09
Validation period
day1
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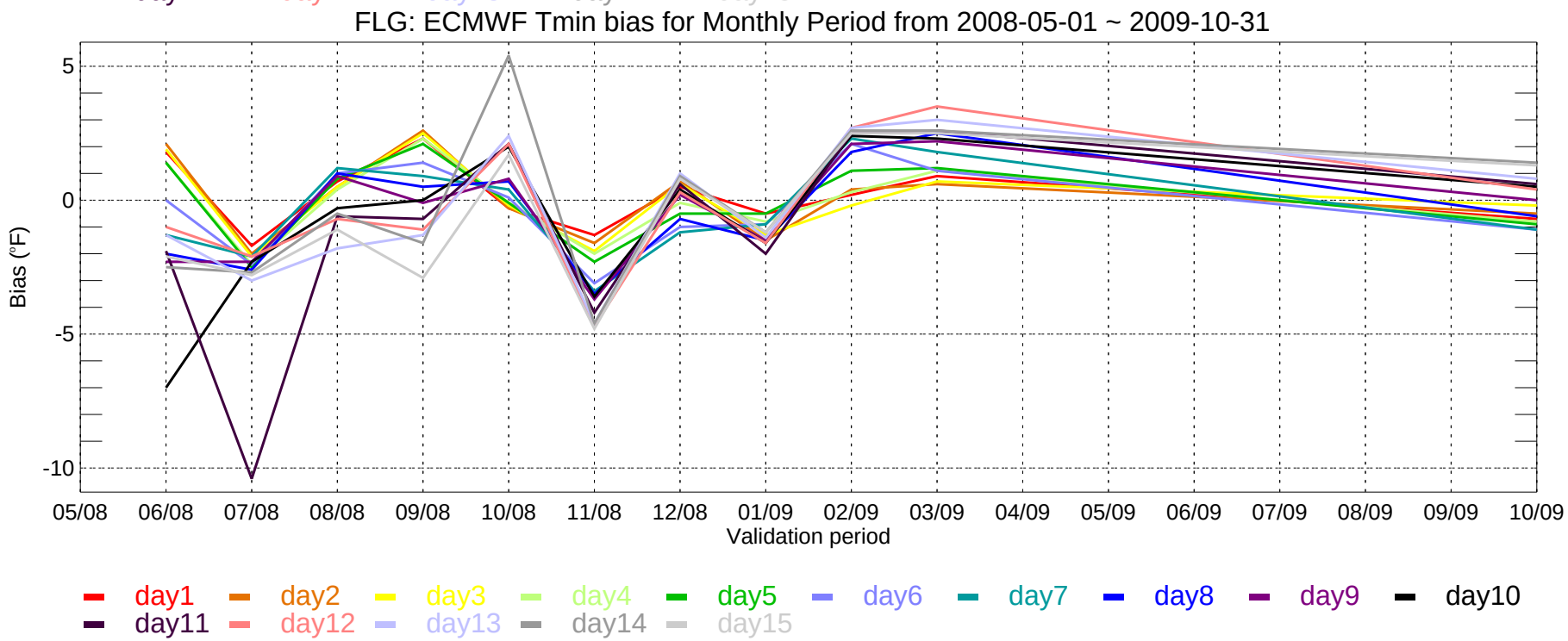
FLG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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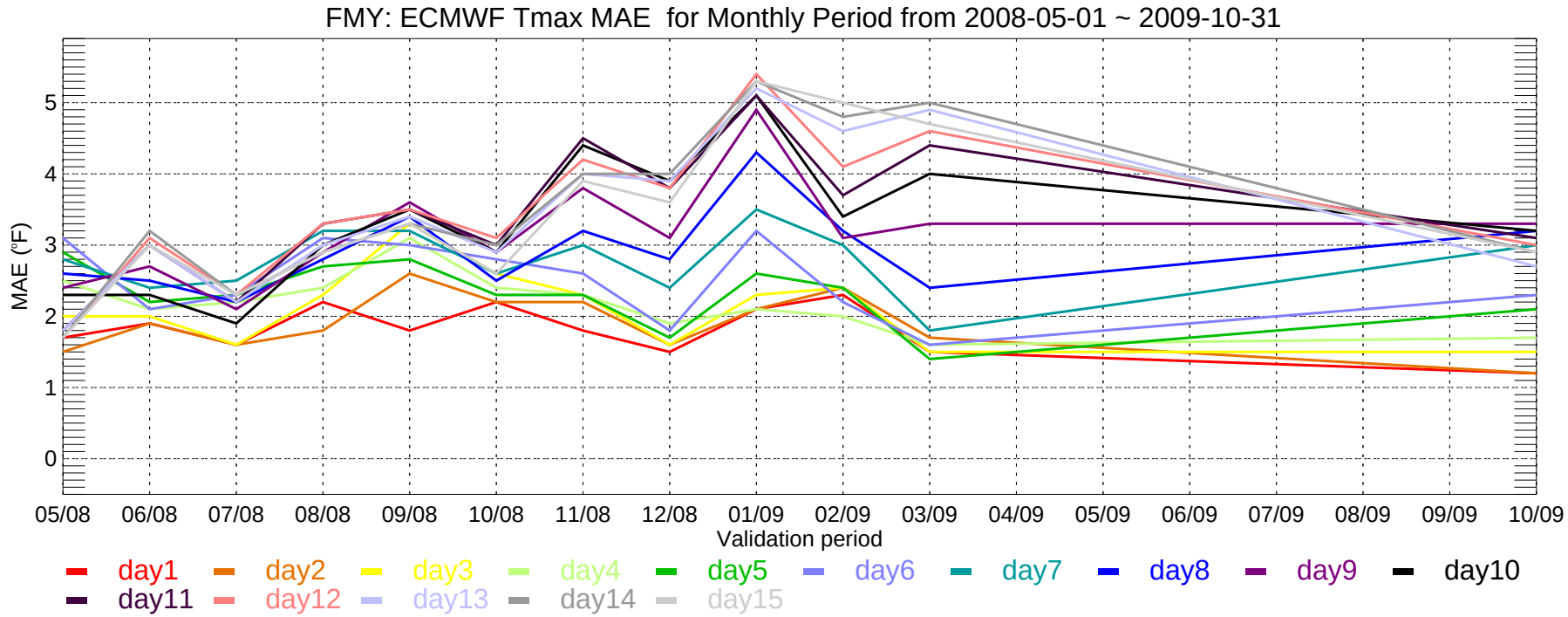
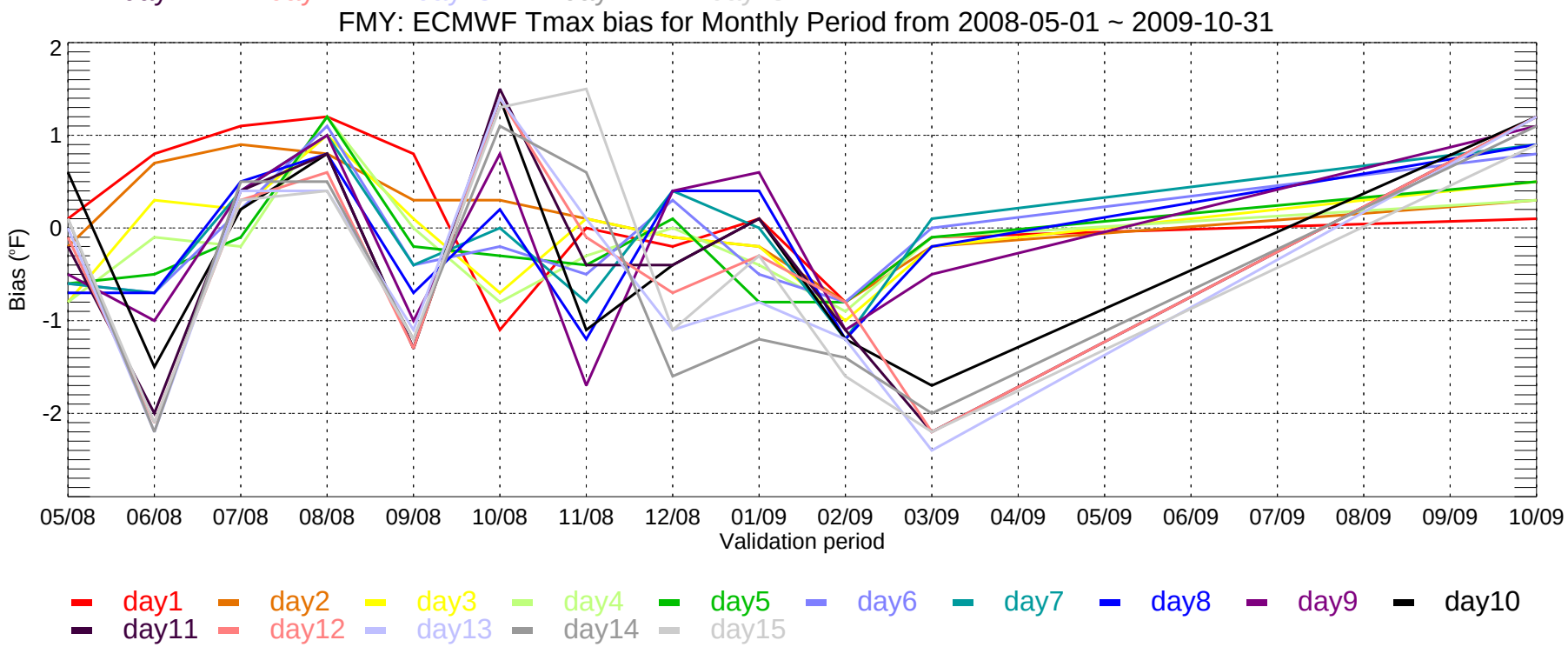
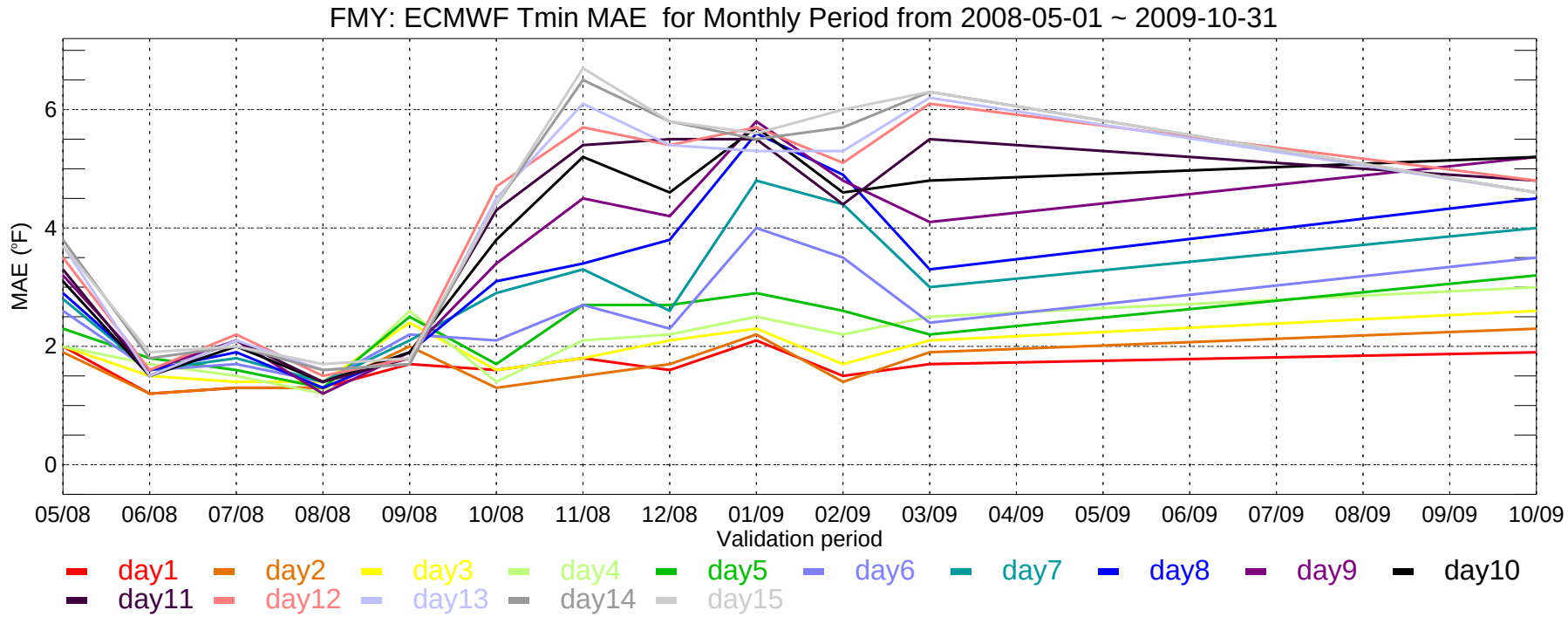
day12
day13
day14
day15


FMY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
1
2
3
4
5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


FMY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
1
0
-1
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


FMY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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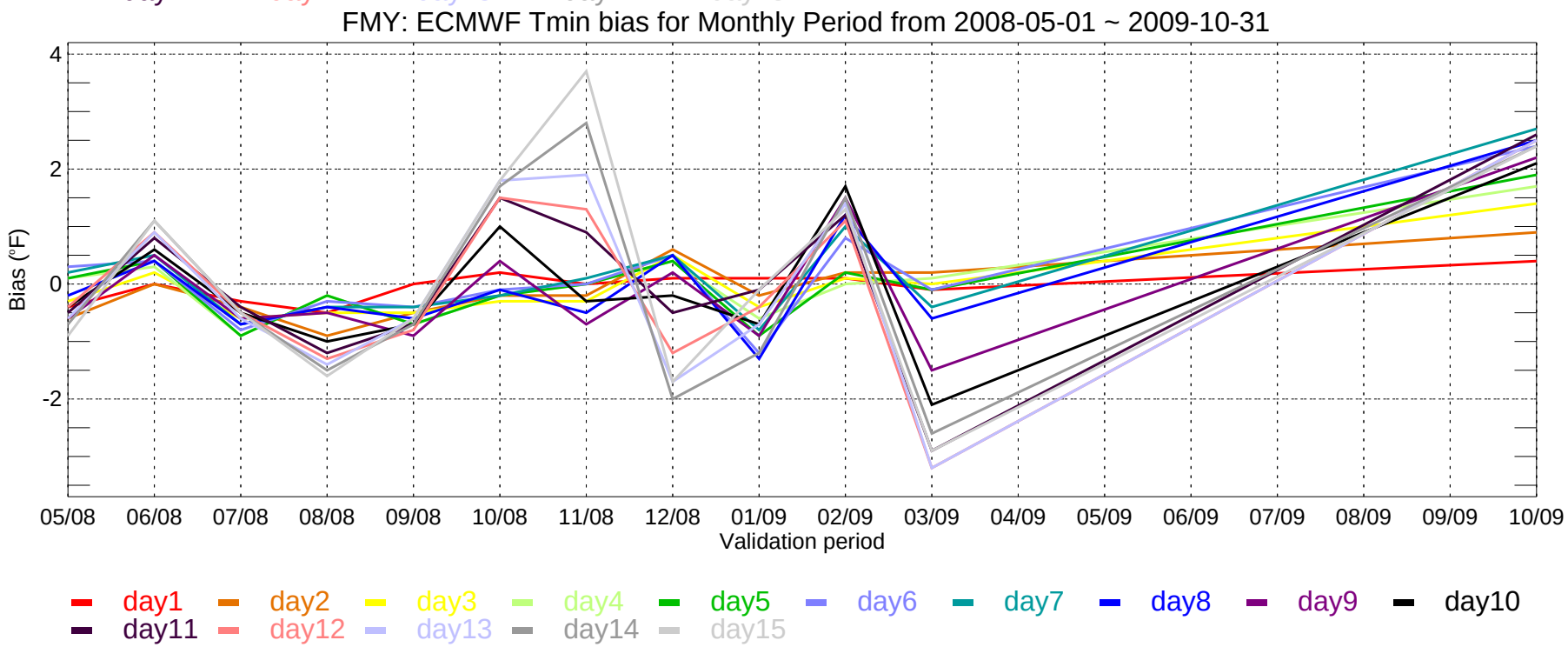
day10
day11
day12
day13
day14
day15


FMY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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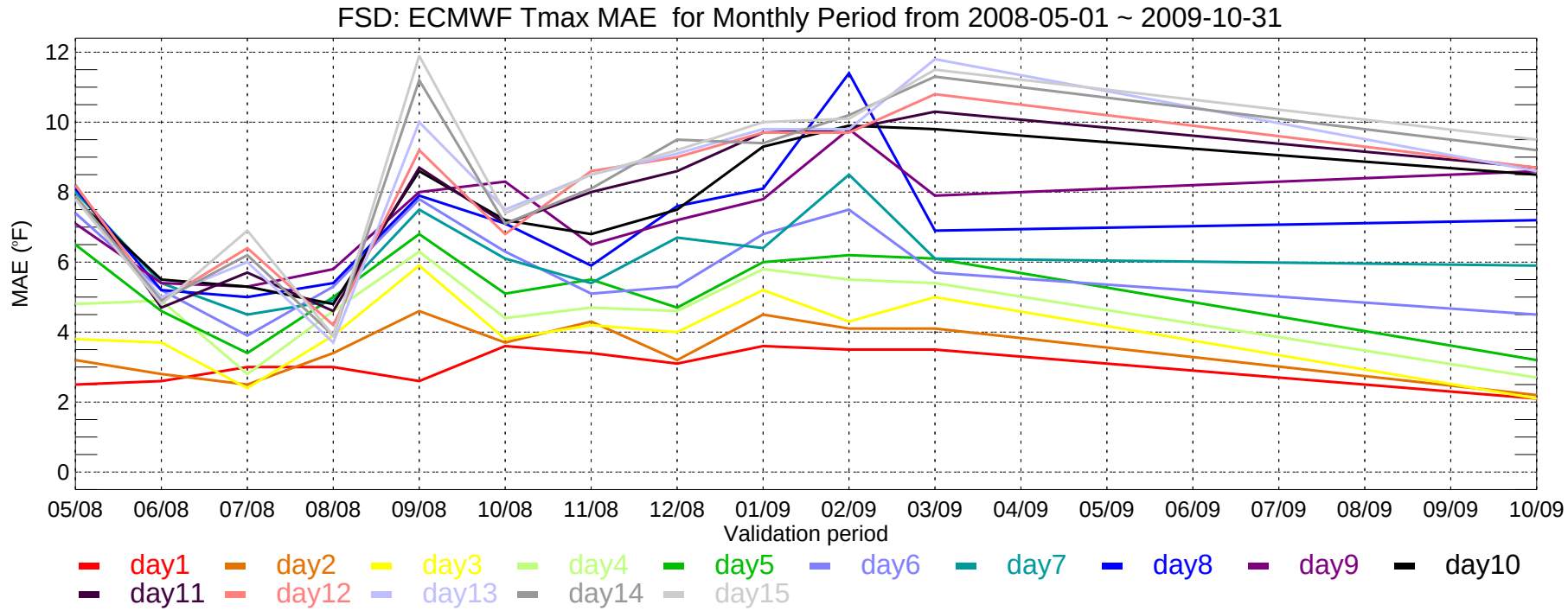
day10
day11
day12
day13
day14
day15


FSD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day11
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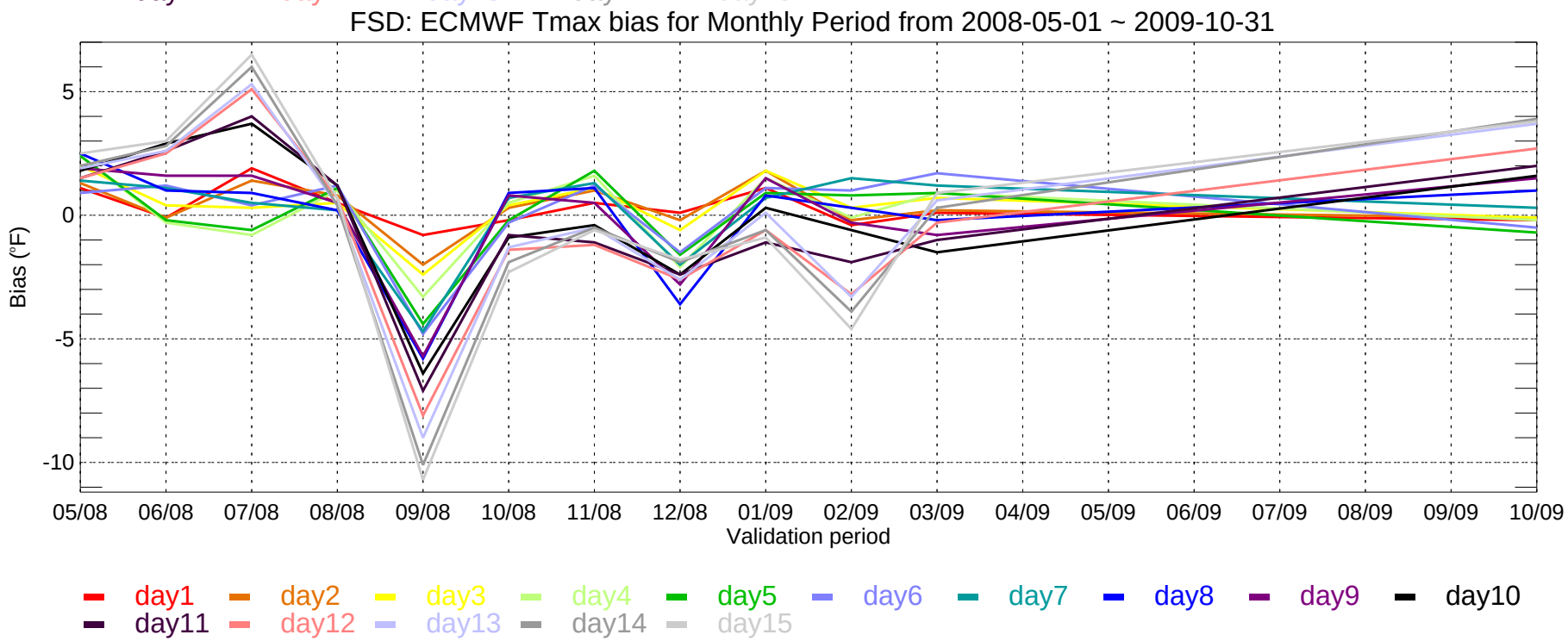
day14
day15


FSD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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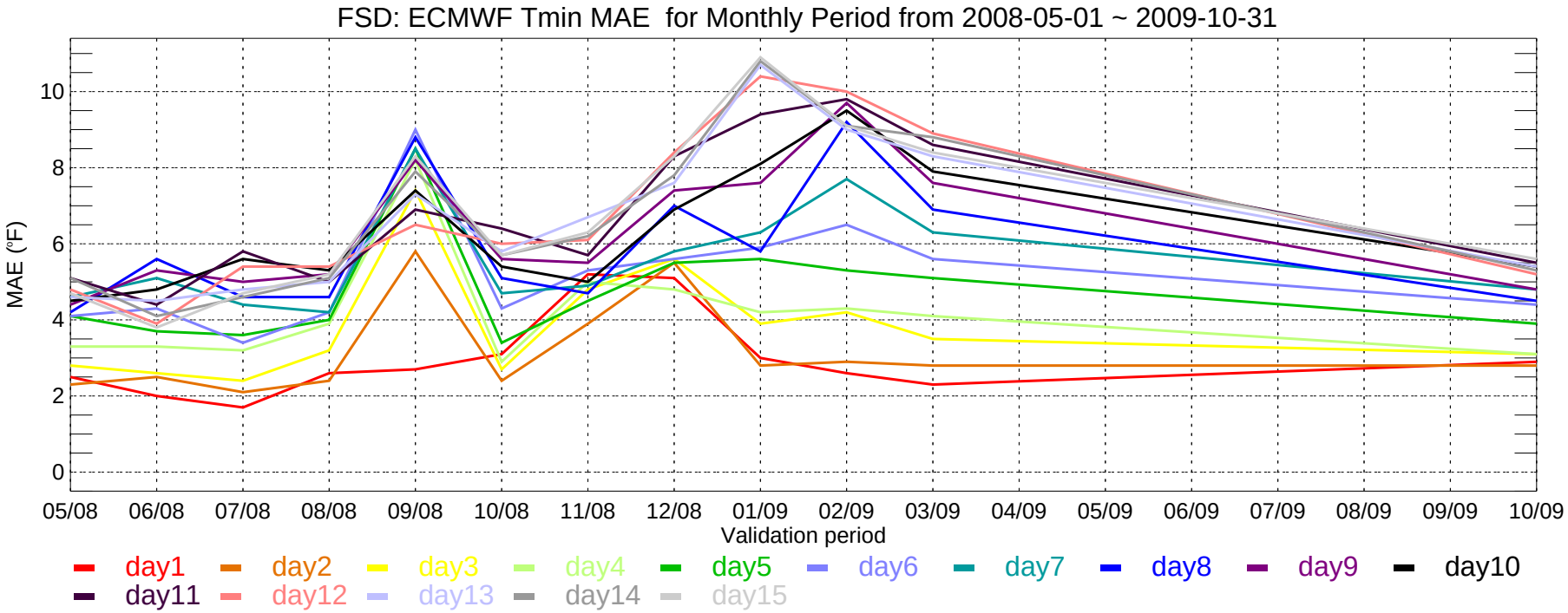
day10
day11
day12
day13
day14
day15


FSD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day7
day8
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day11
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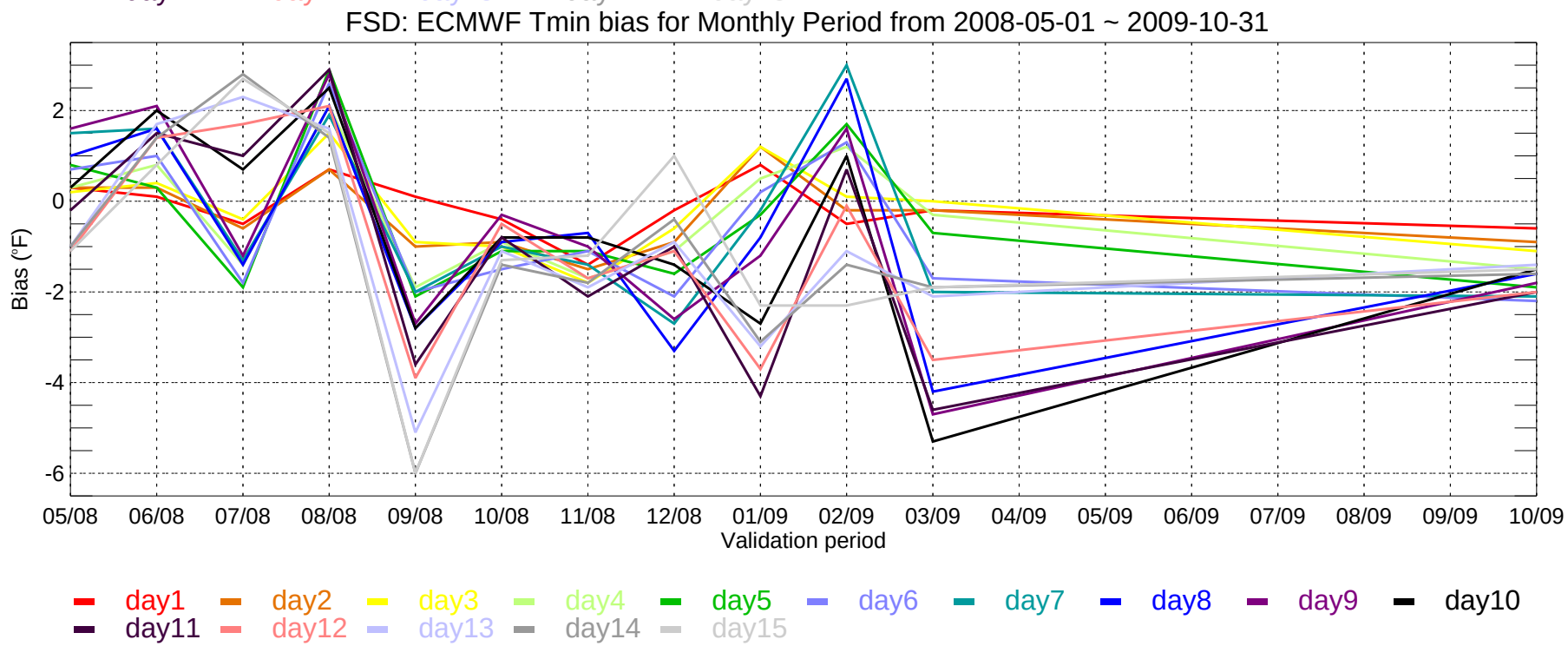
day13
day14
day15


FSD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
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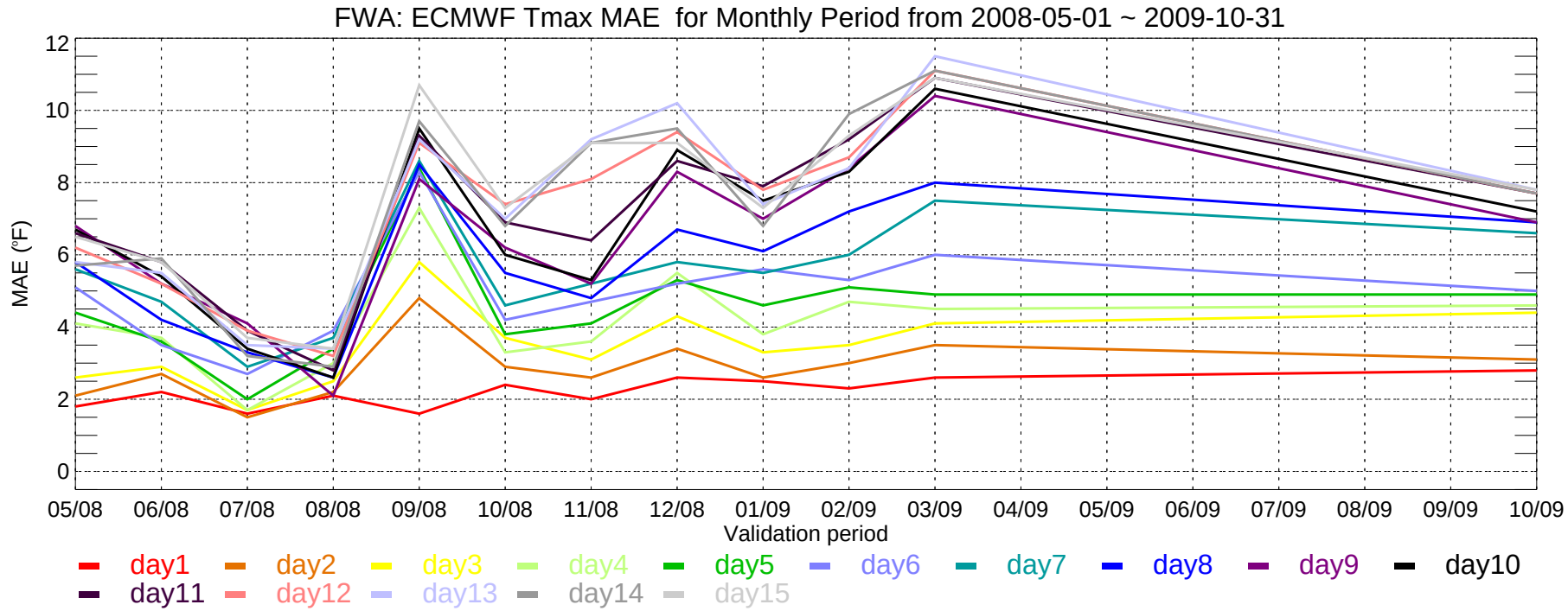
day14
day15


FWA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
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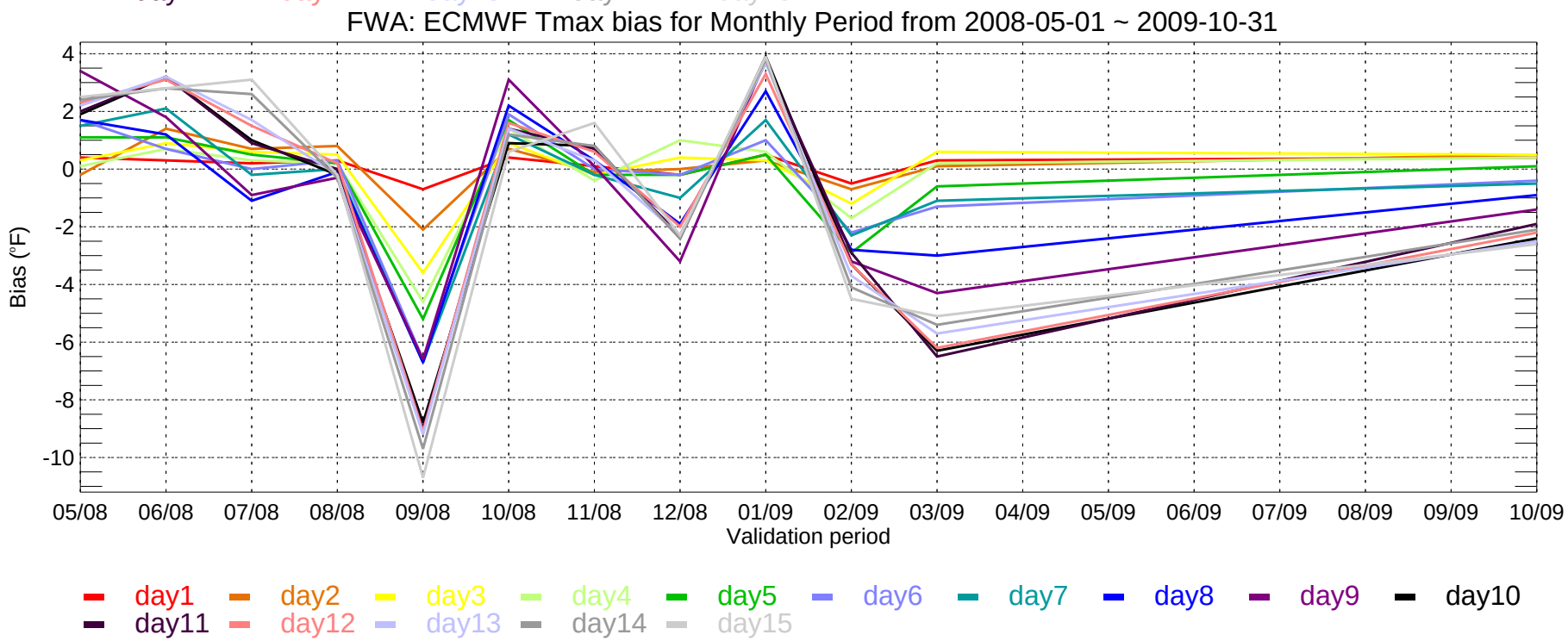
day14
day15


FWA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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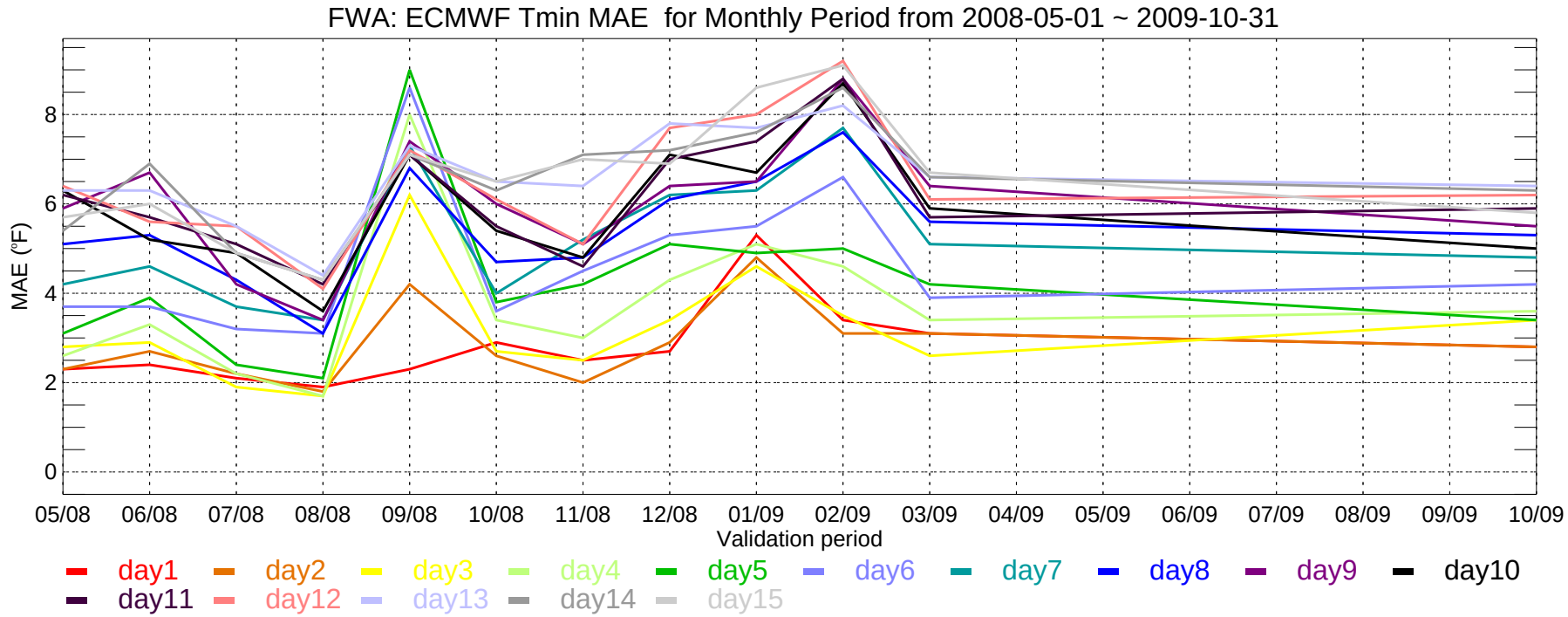
day11
day12
day13
day14
day15


FWA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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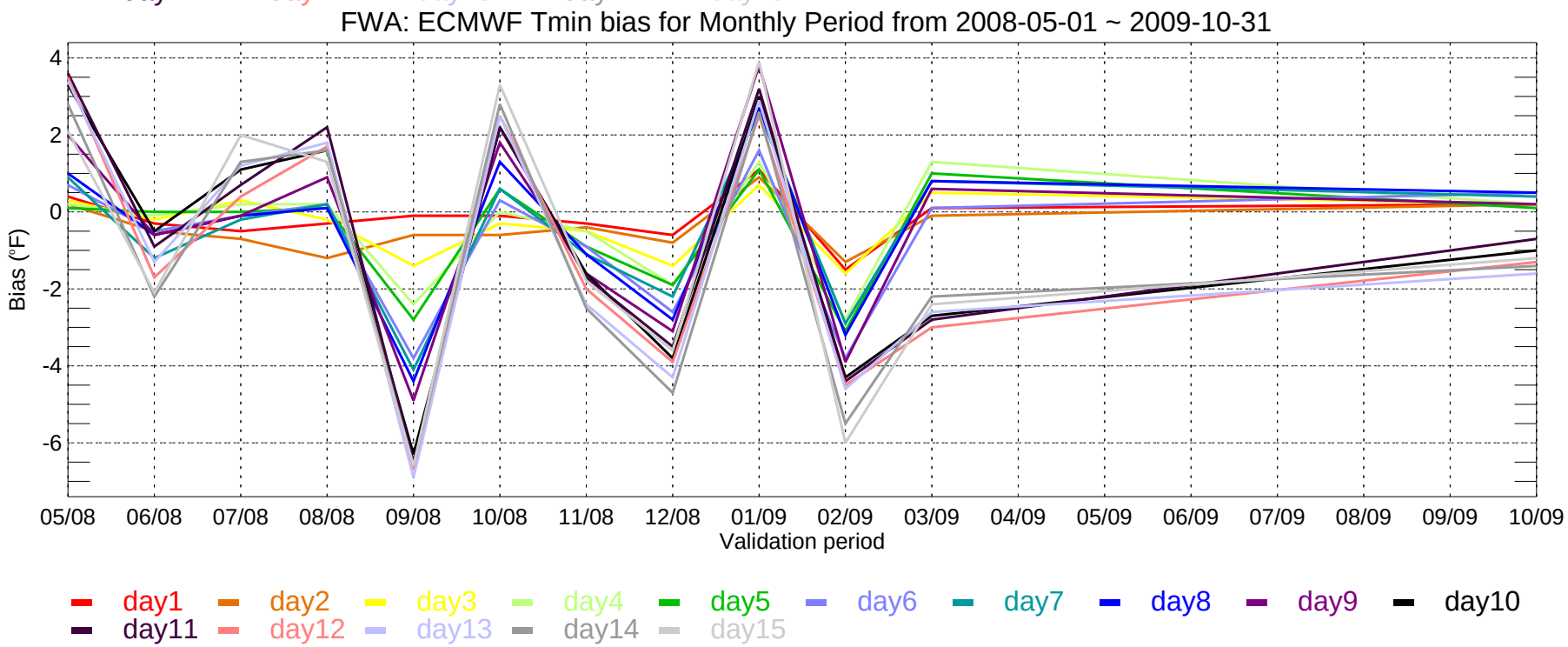
day10
day11
day12
day13
day14
day15


FWA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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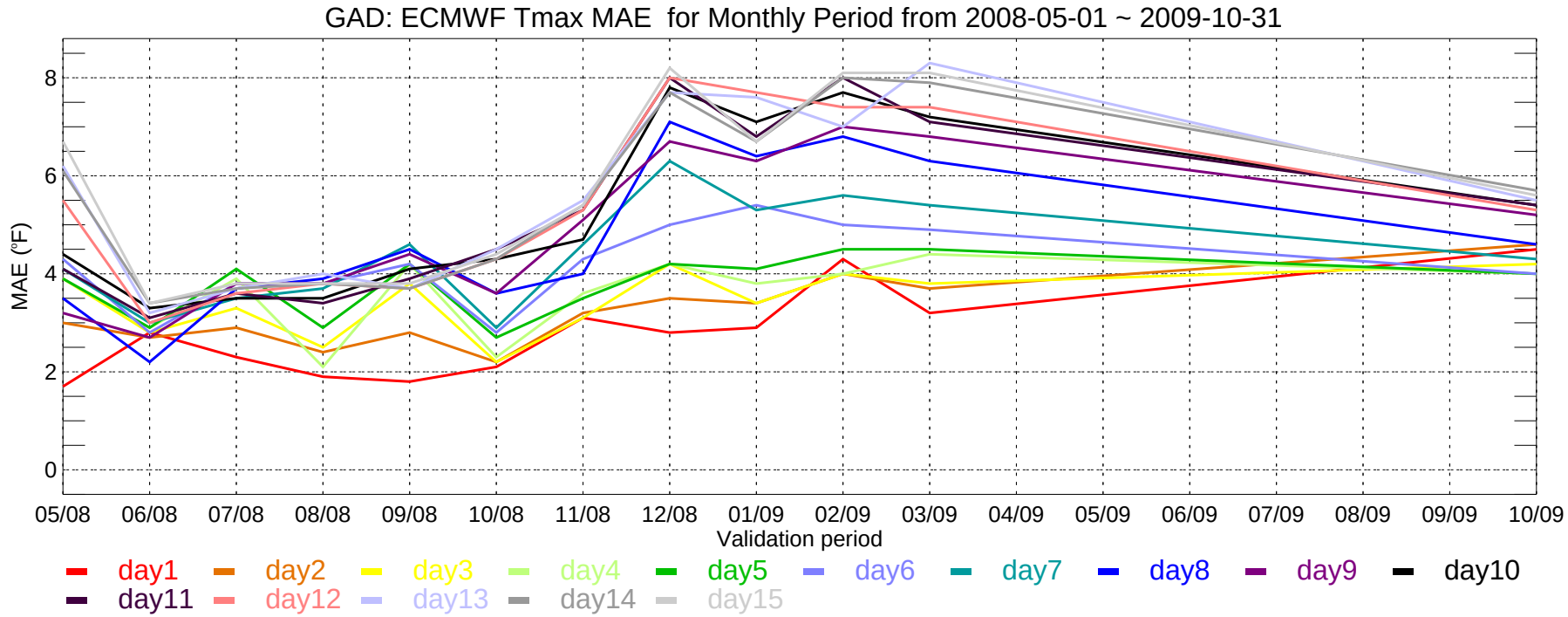
day13
day14
day15


GAD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
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day8
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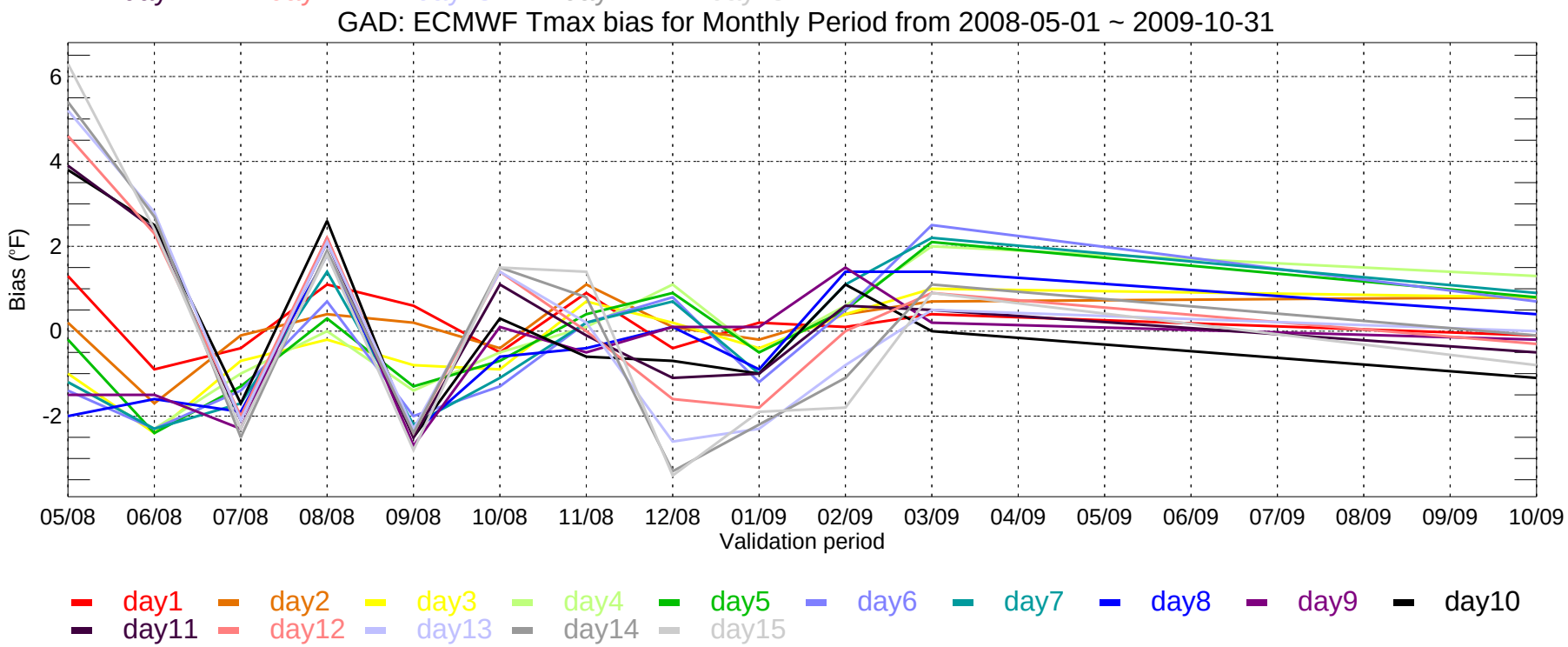
day10
day11
day12
day13
day14
day15


GAD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-2
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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day10
day11
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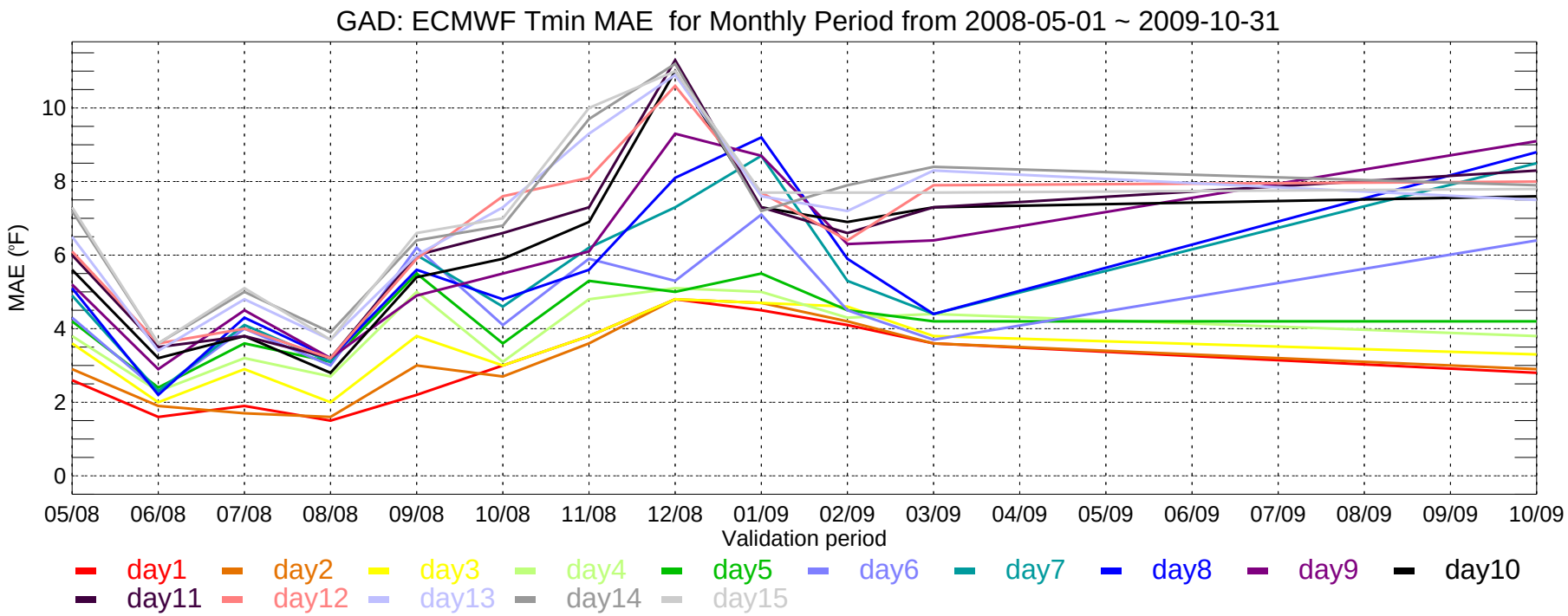
day13
day14
day15


GAD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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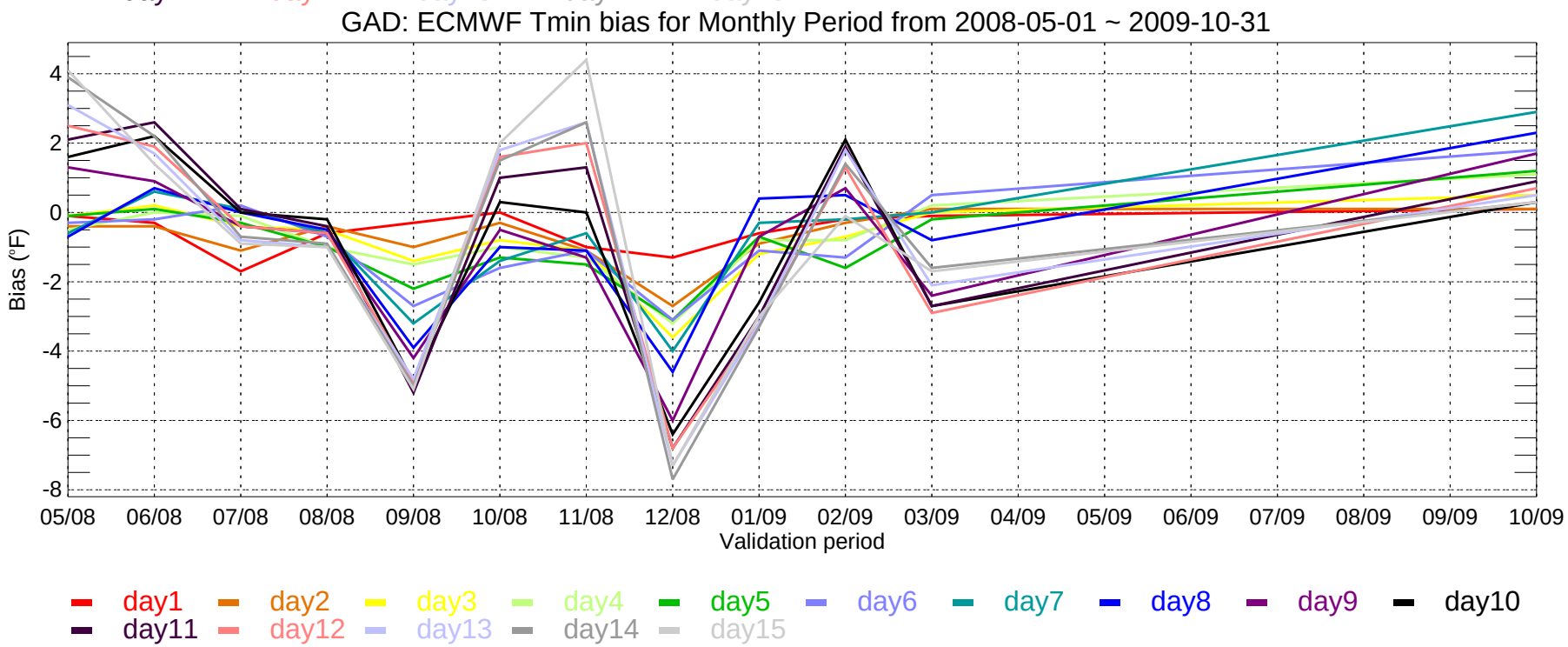
day14
day15


GAD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
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day4
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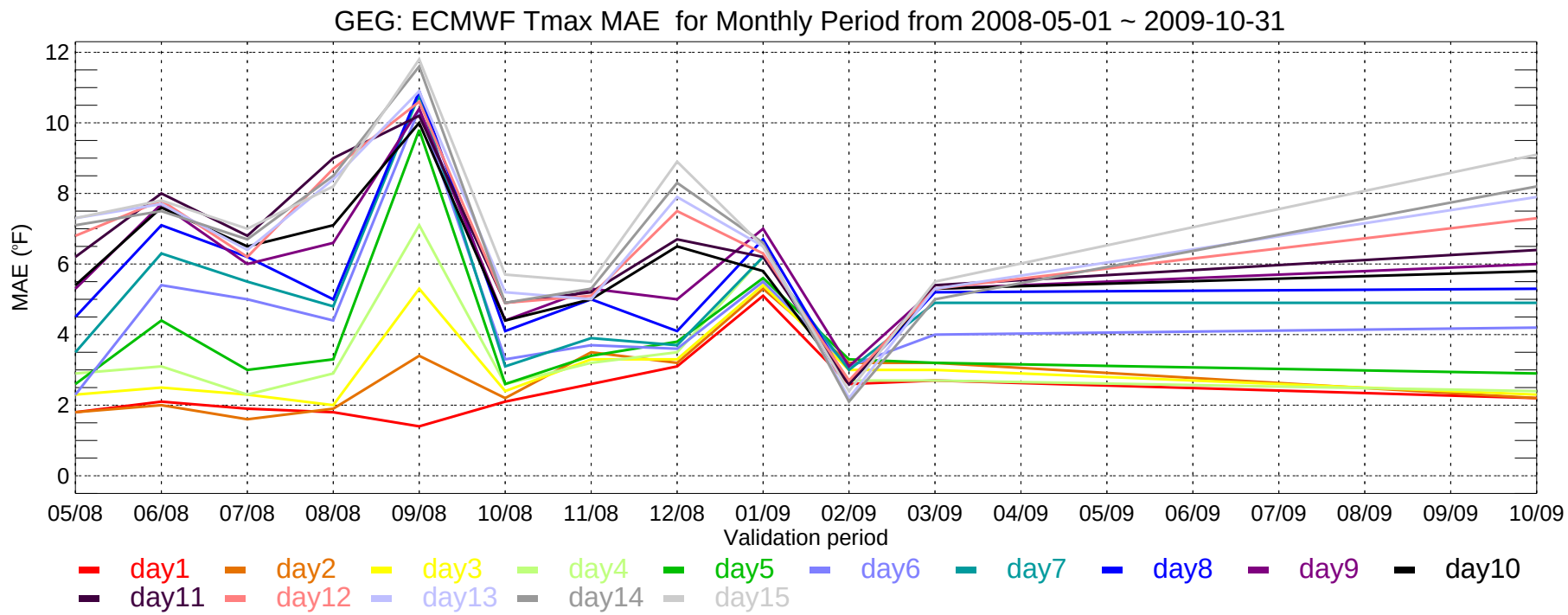
day14
day15


GEG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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day6
day7
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day11
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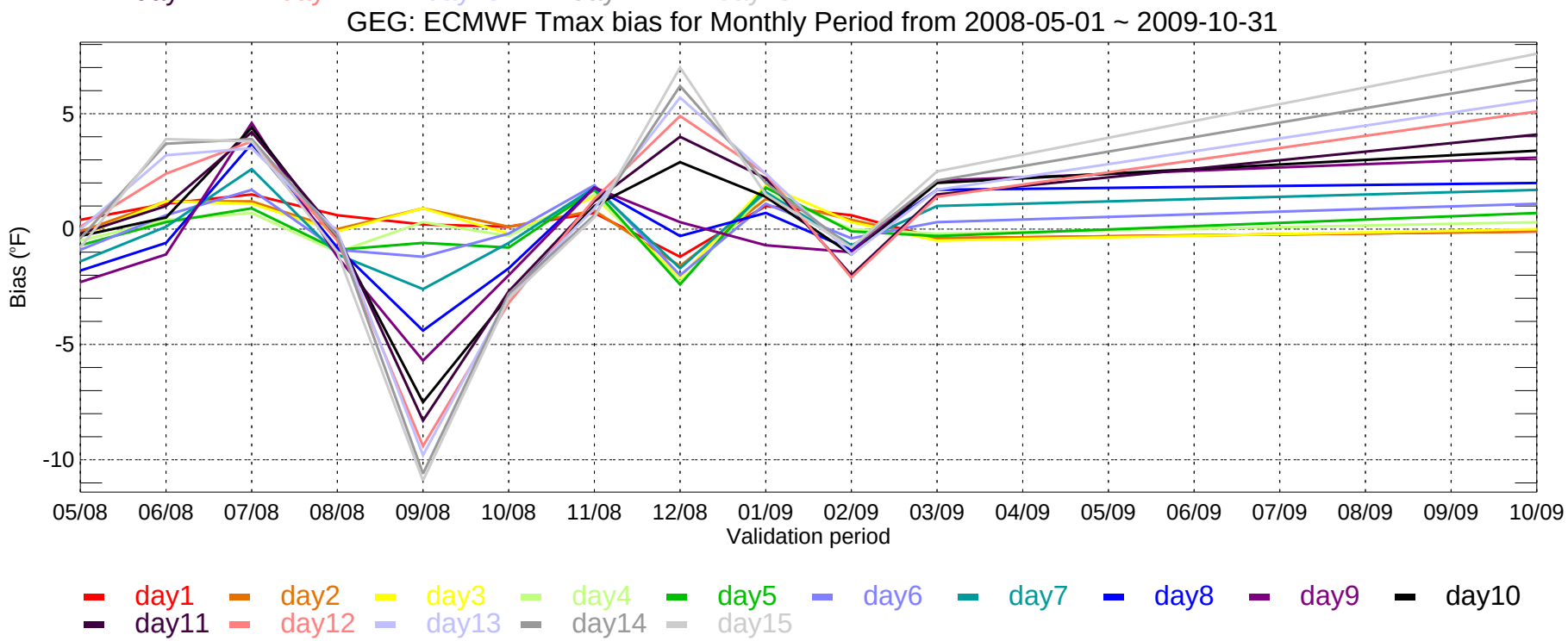
day13
day14
day15


GEG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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day7
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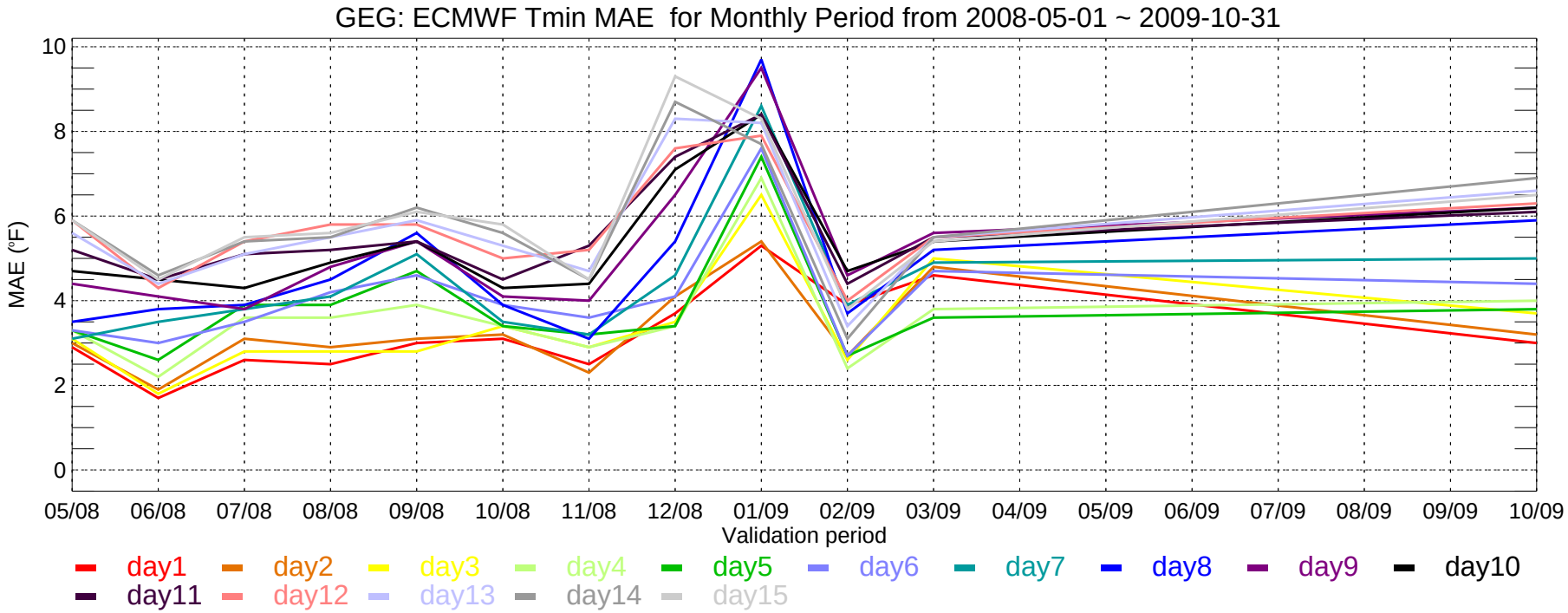
day13
day14
day15


GEG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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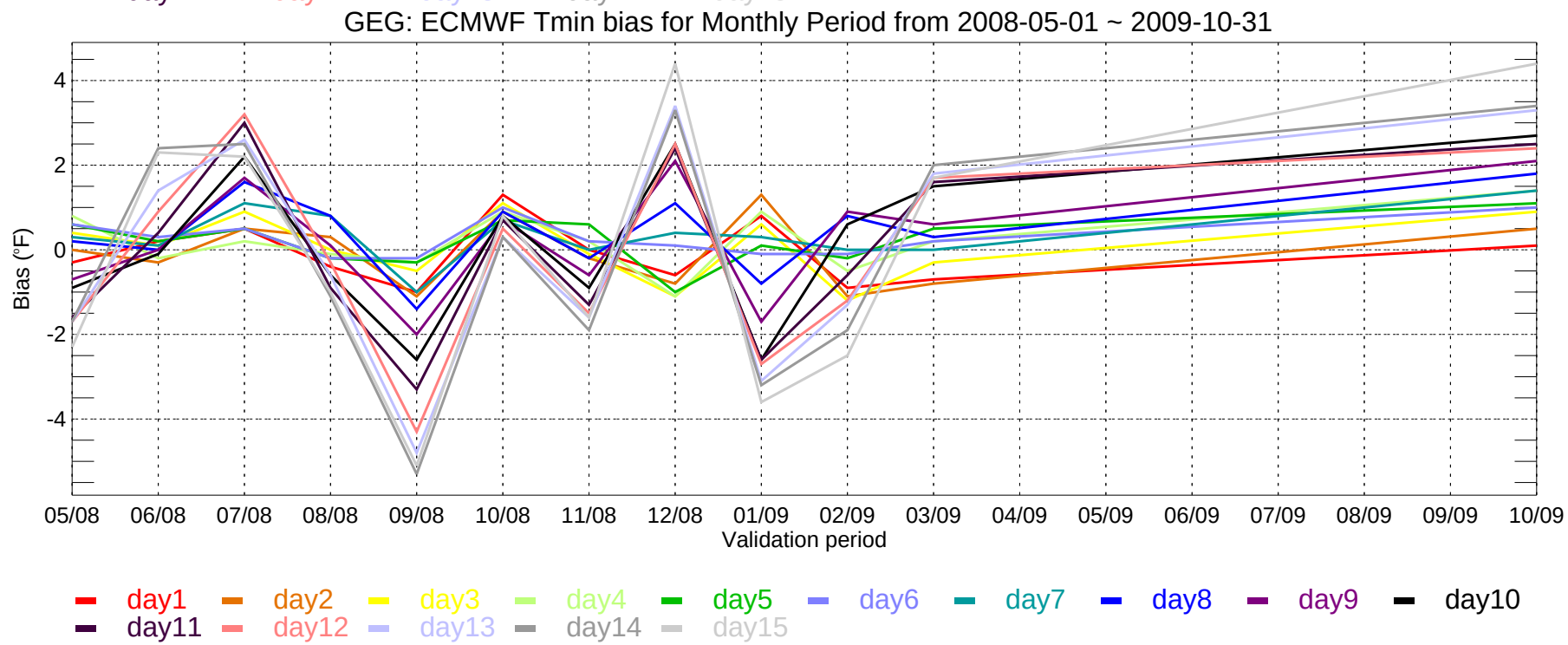
day15


GEG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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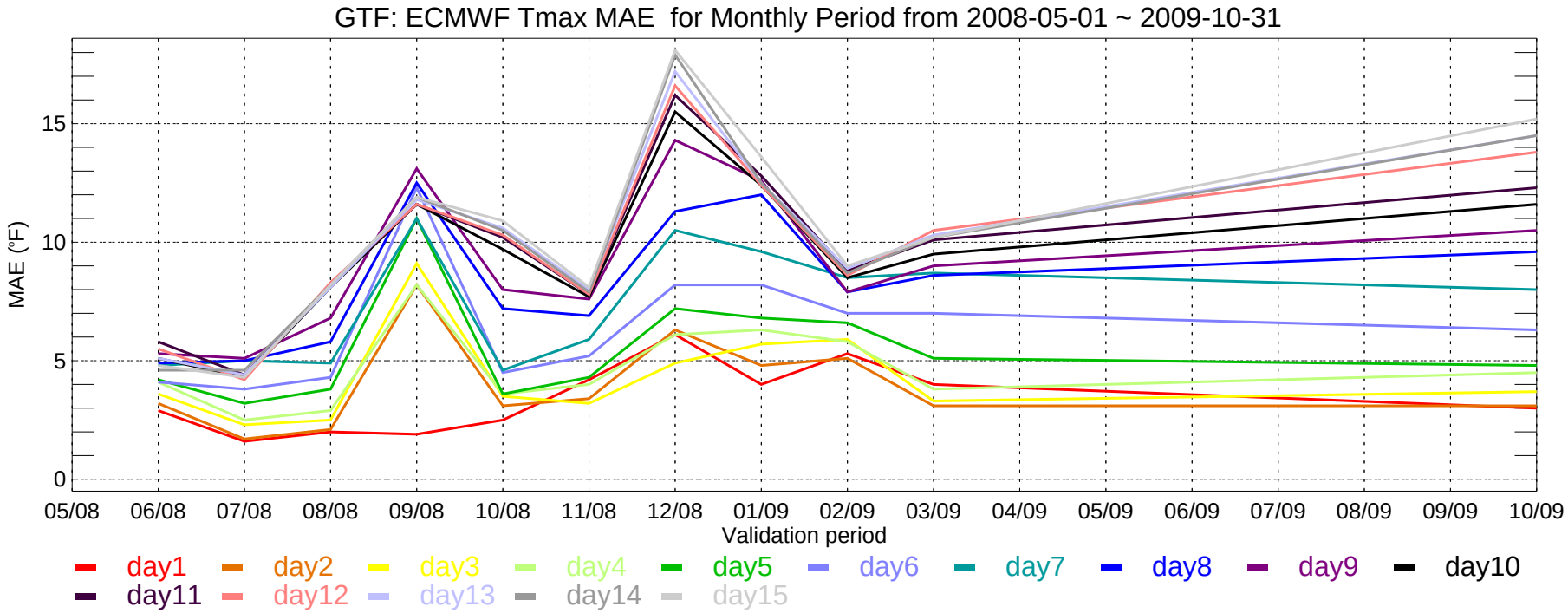
day15


GTF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
5
10
15
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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08/09
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10/09
Validation period
day1
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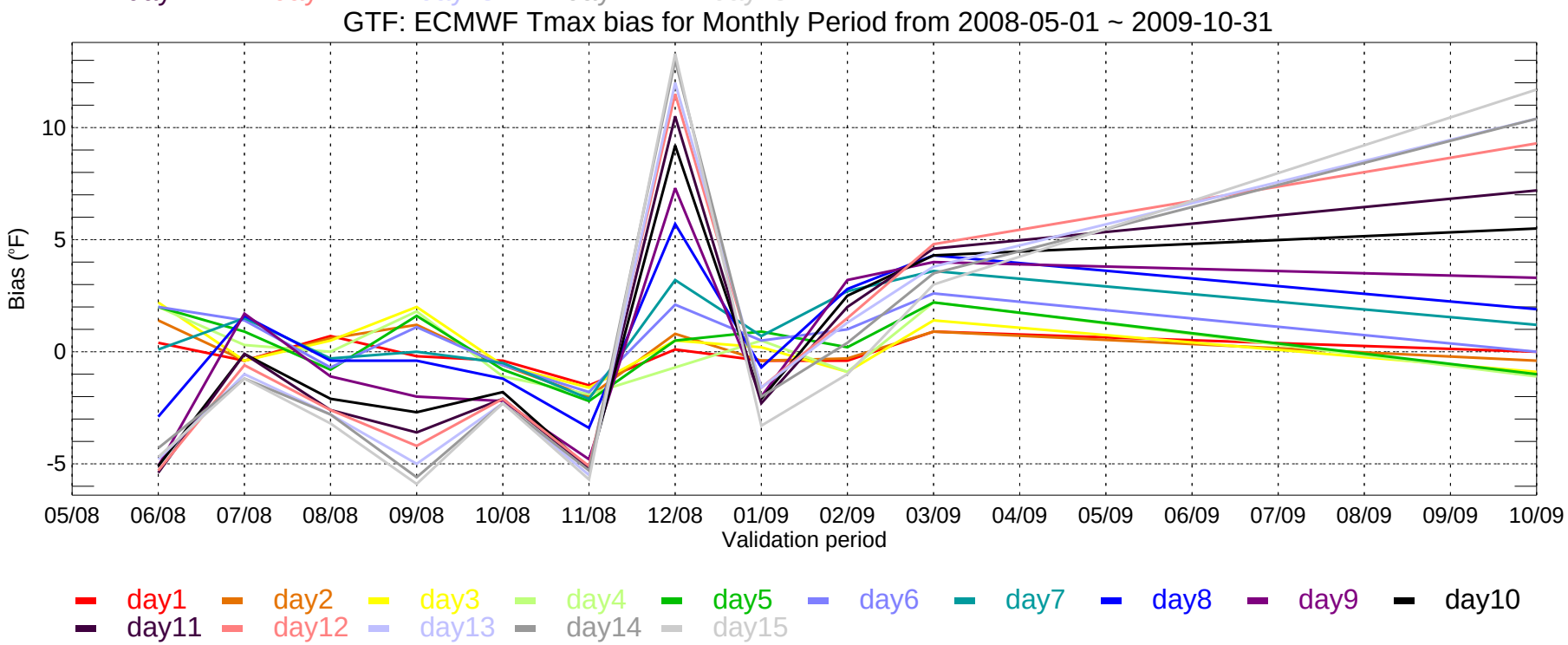
day15


GTF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-5
0
5
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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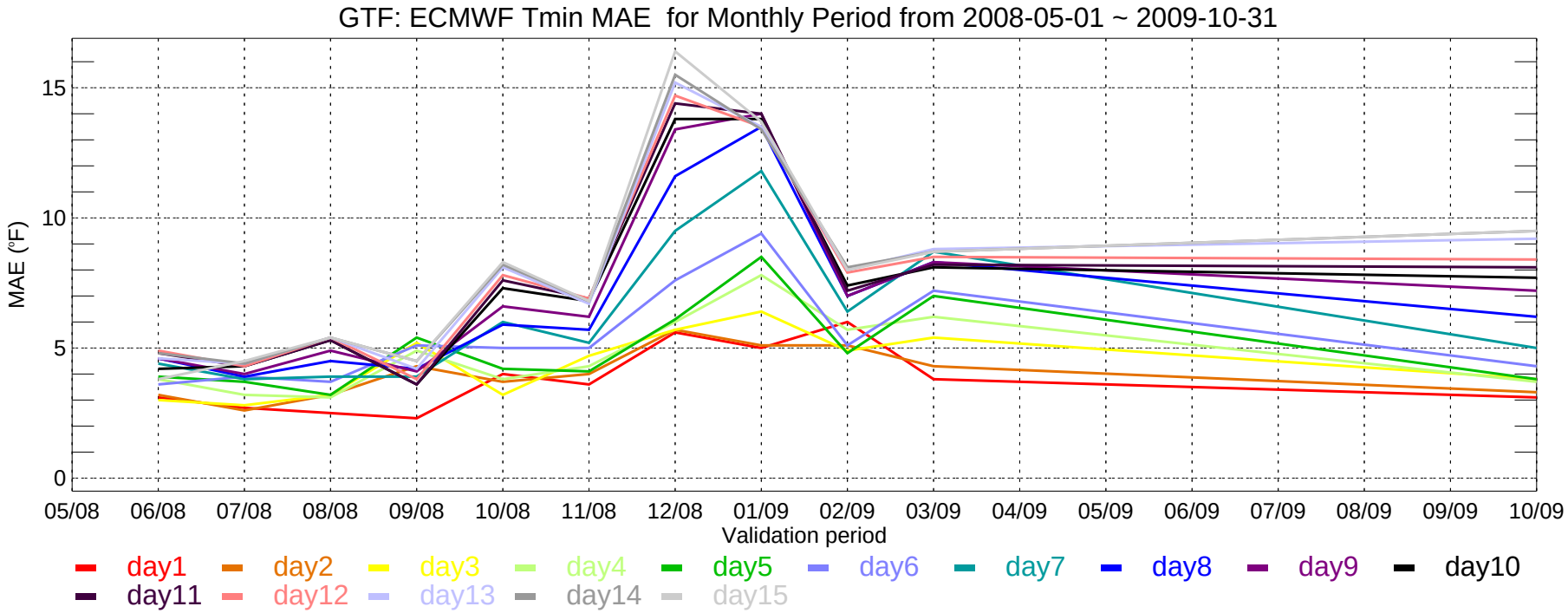
day15


GTF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
5
10
15
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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10/09
Validation period
day1
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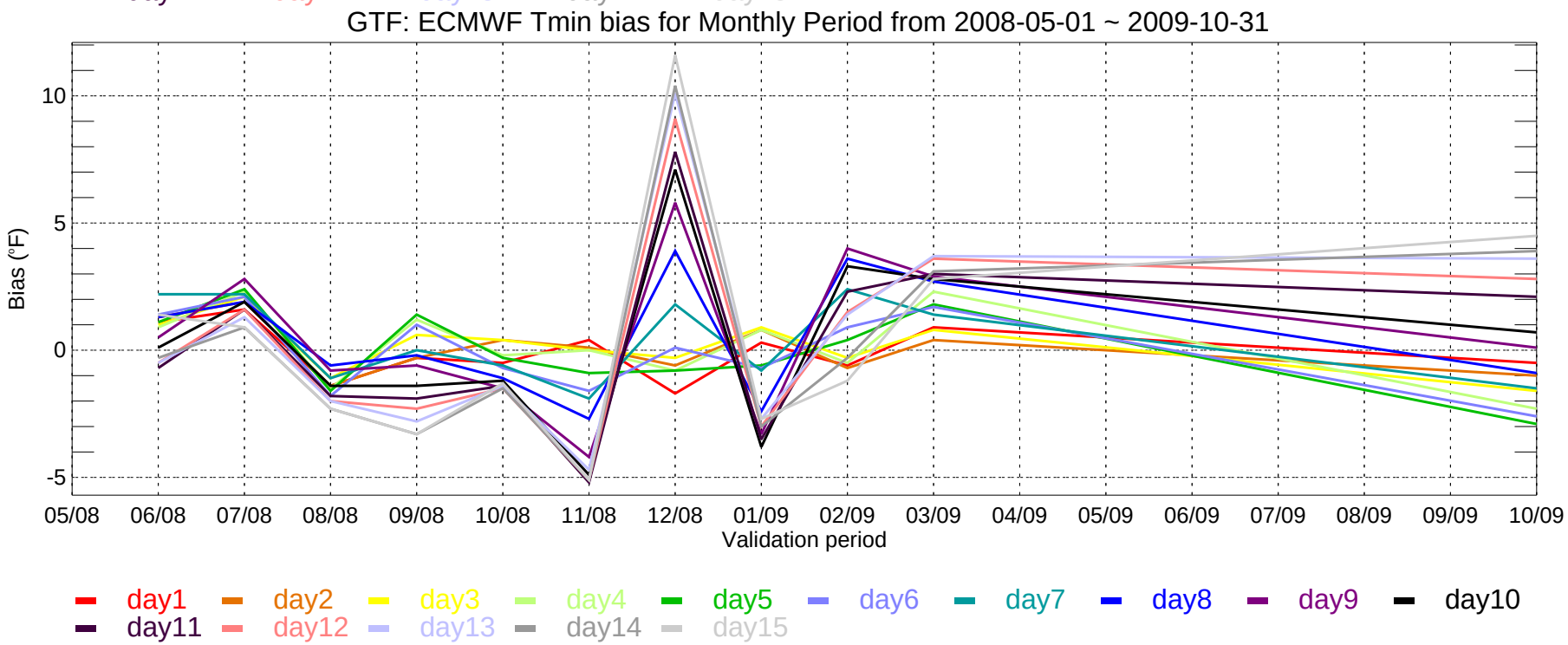
day14
day15


GTF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-5
0
5
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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10/09
Validation period
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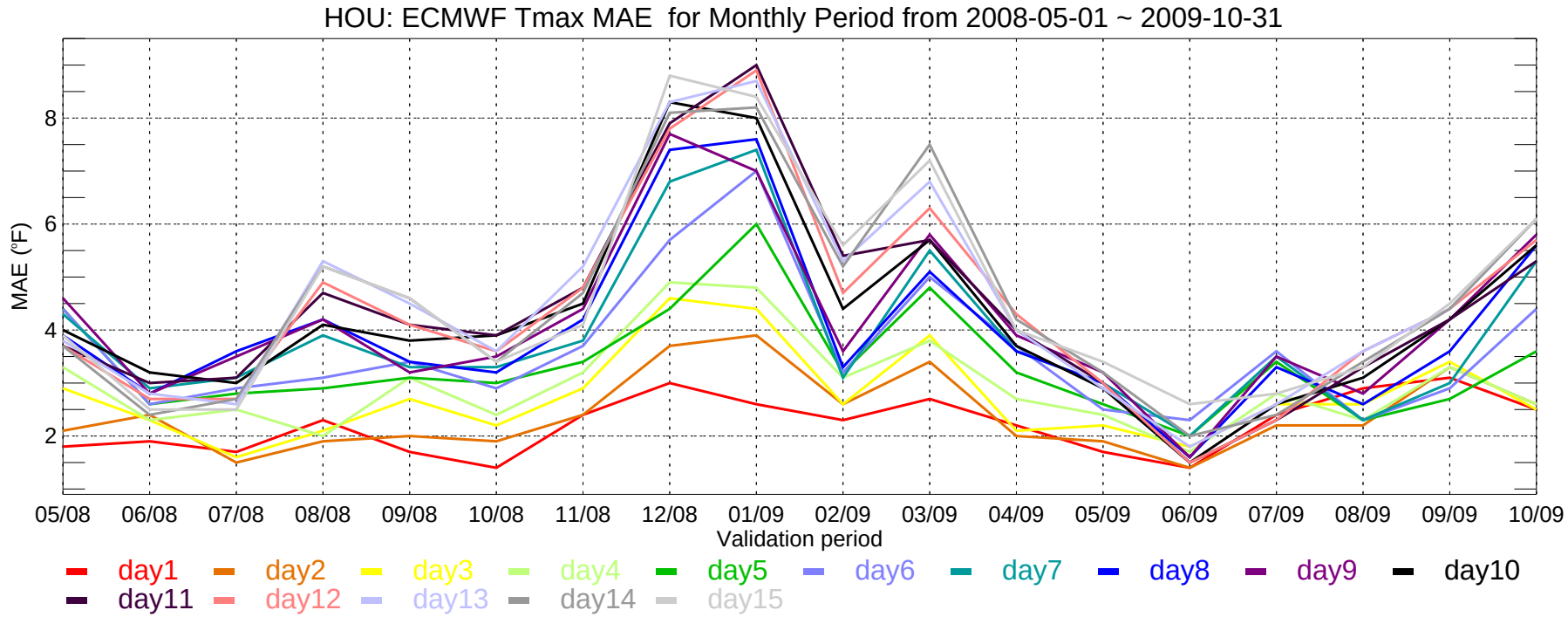
day15


HOU: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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10/09
Validation period
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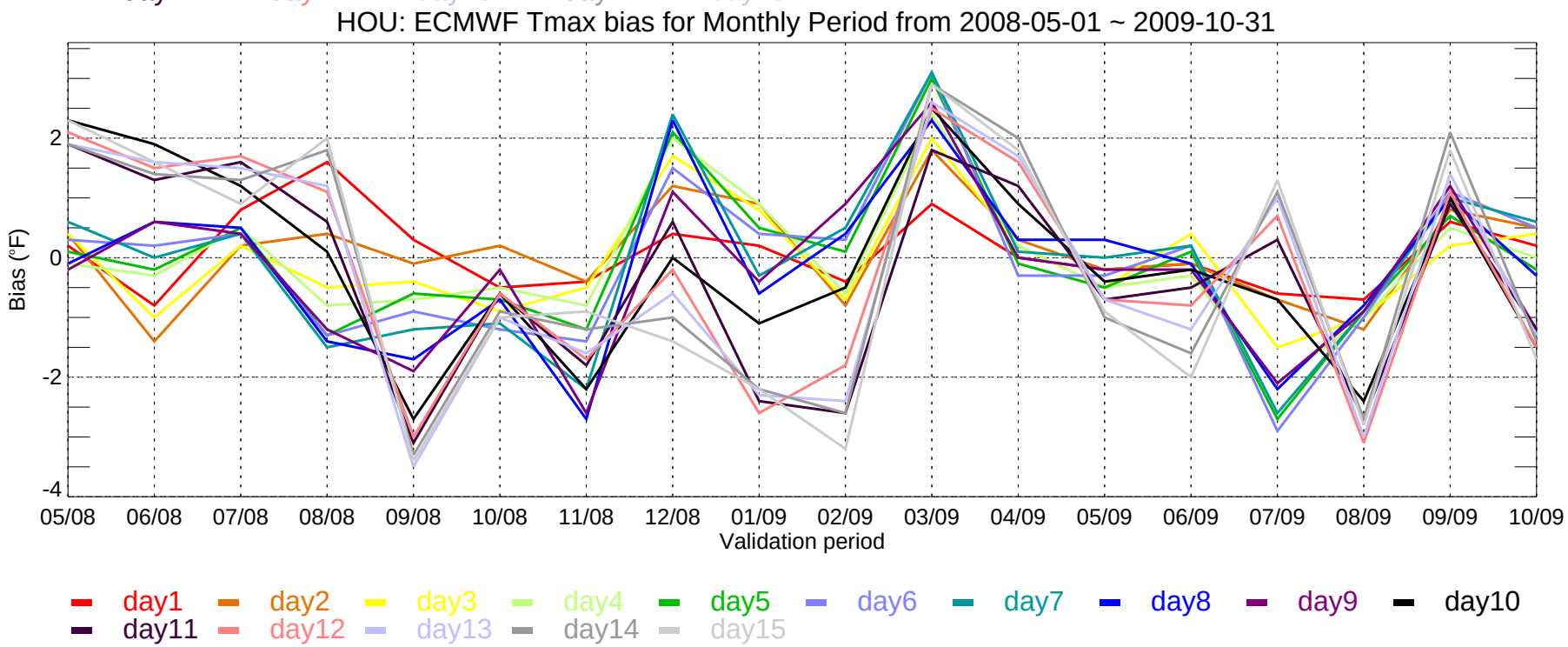
HOU: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
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08/09
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10/09
Validation period
day1
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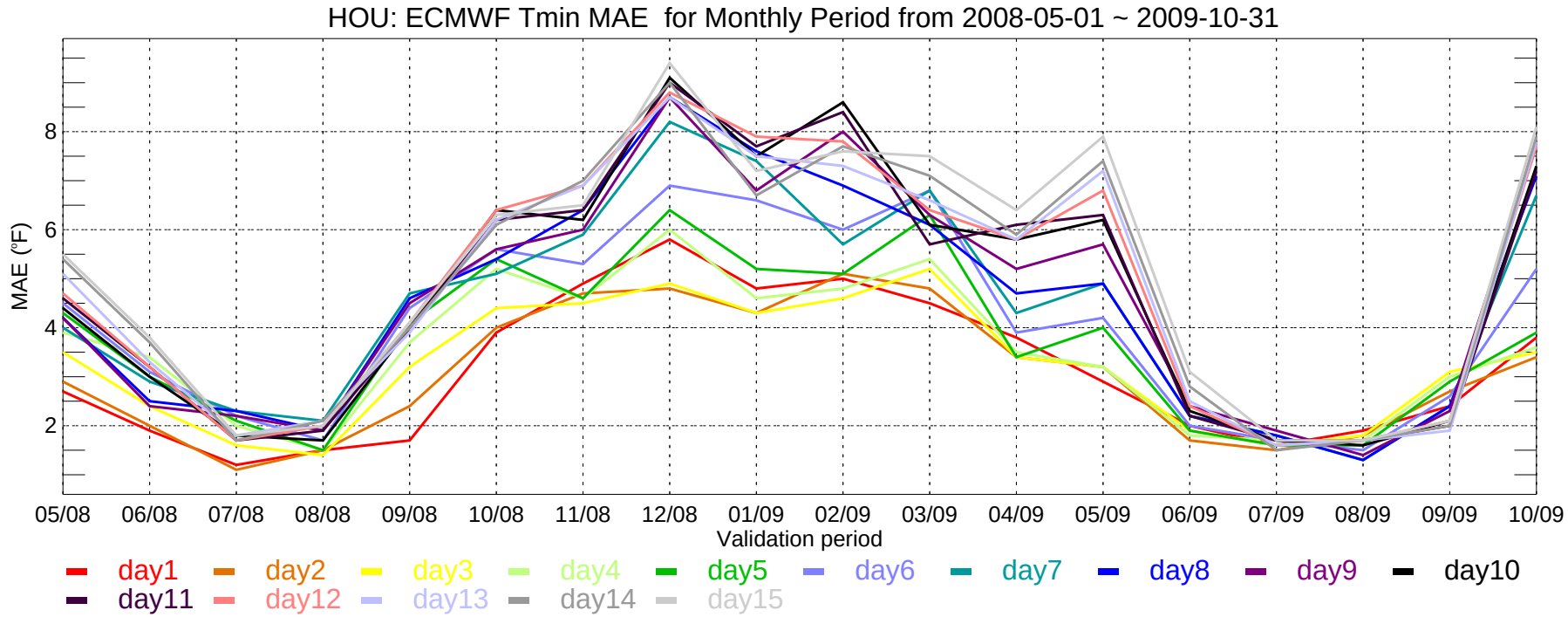
day15


HOU: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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10/09
Validation period
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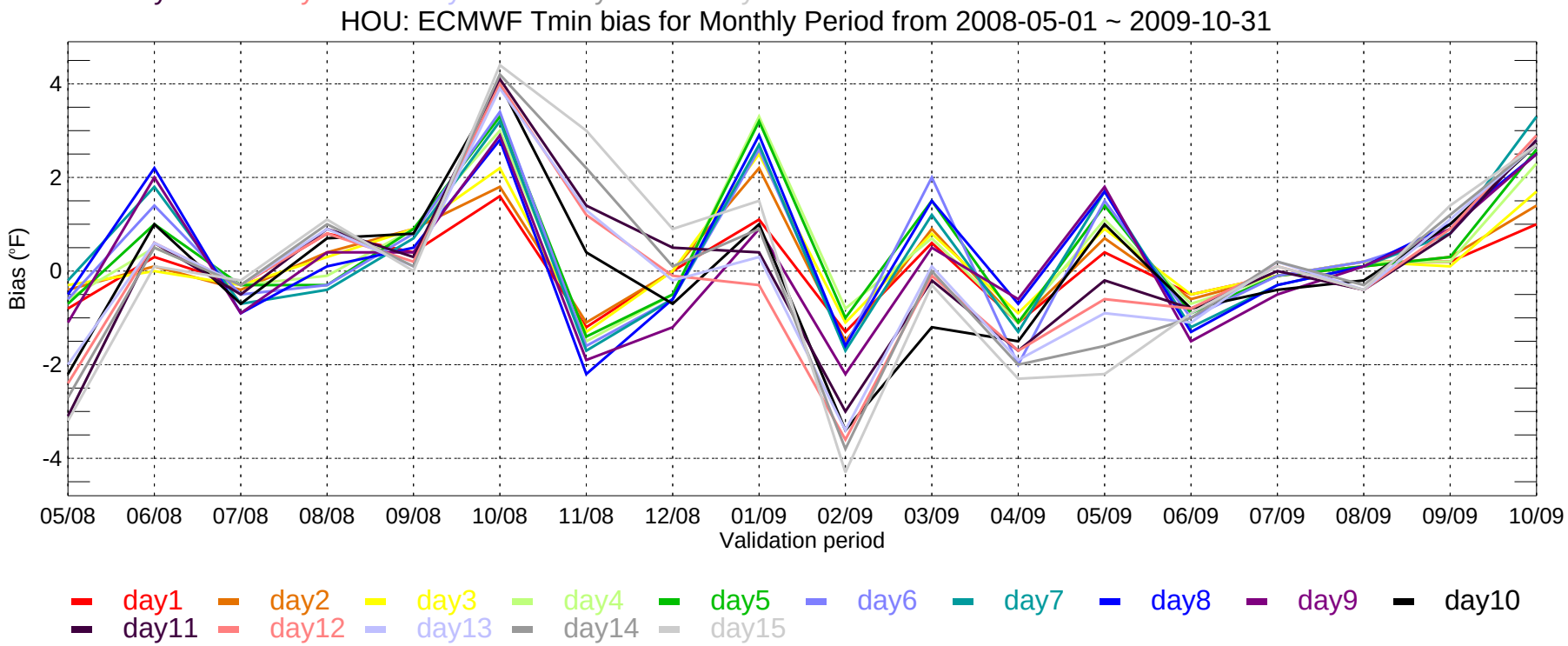
HOU: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
07/09
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10/09
Validation period
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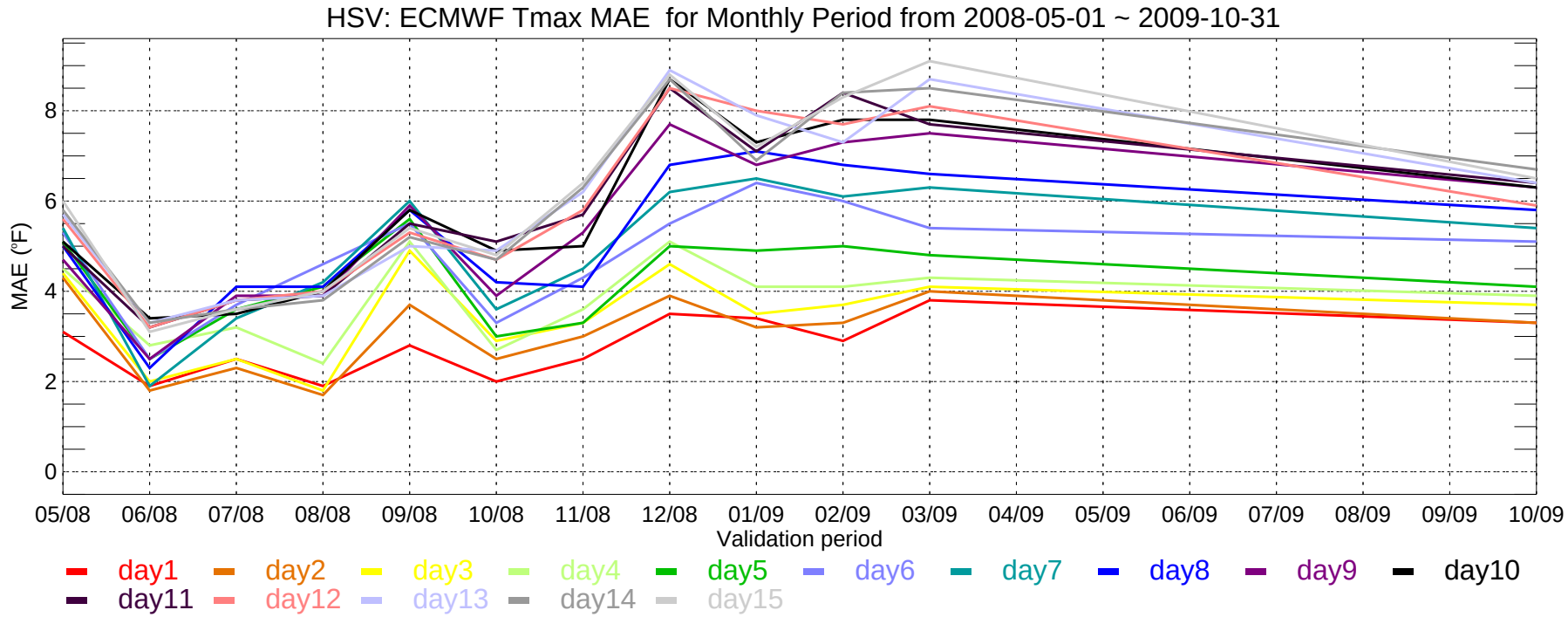
day15


HSV: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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10/09
Validation period
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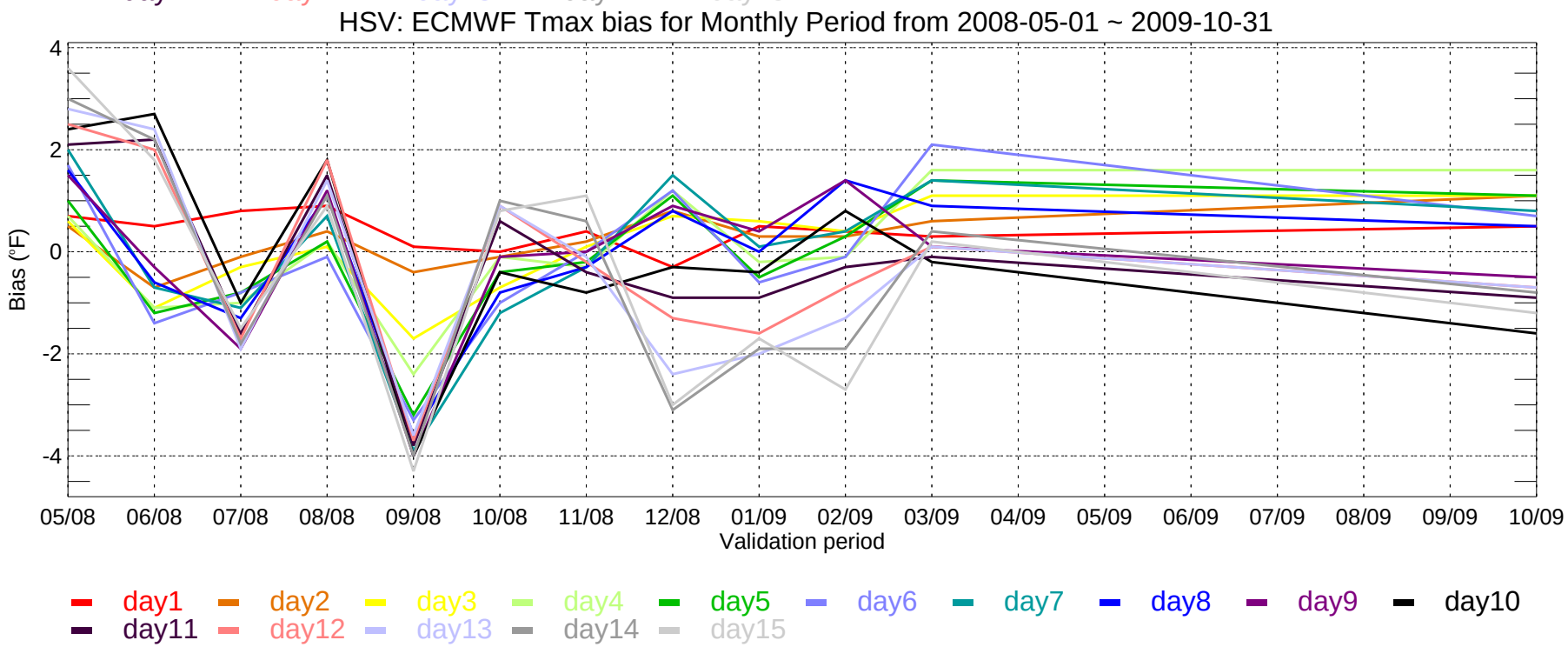
HSV: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
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-2
-4
05/08
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07/08
08/08
09/08
10/08
11/08
12/08
01/09
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10/09
Validation period
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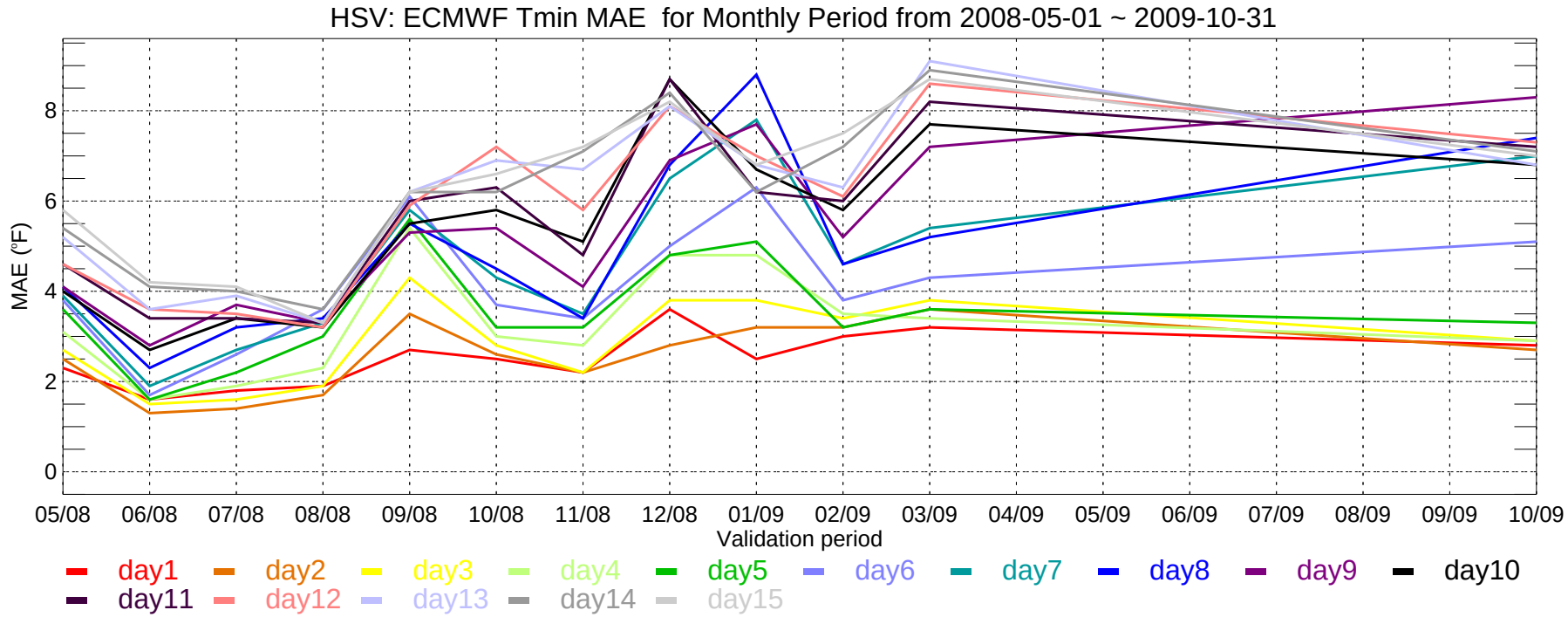
day15


HSV: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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11/08
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10/09
Validation period
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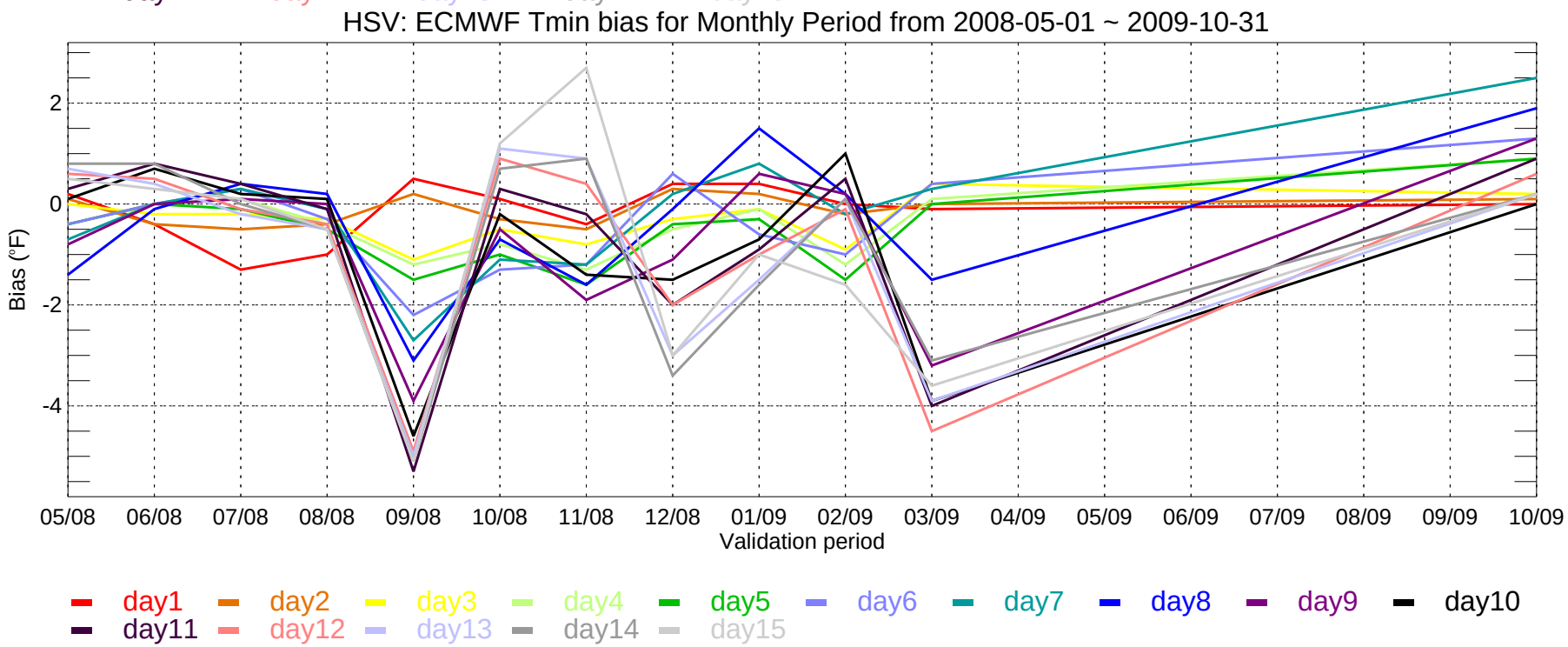
HSV: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
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-4
05/08
06/08
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08/08
09/08
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11/08
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Validation period
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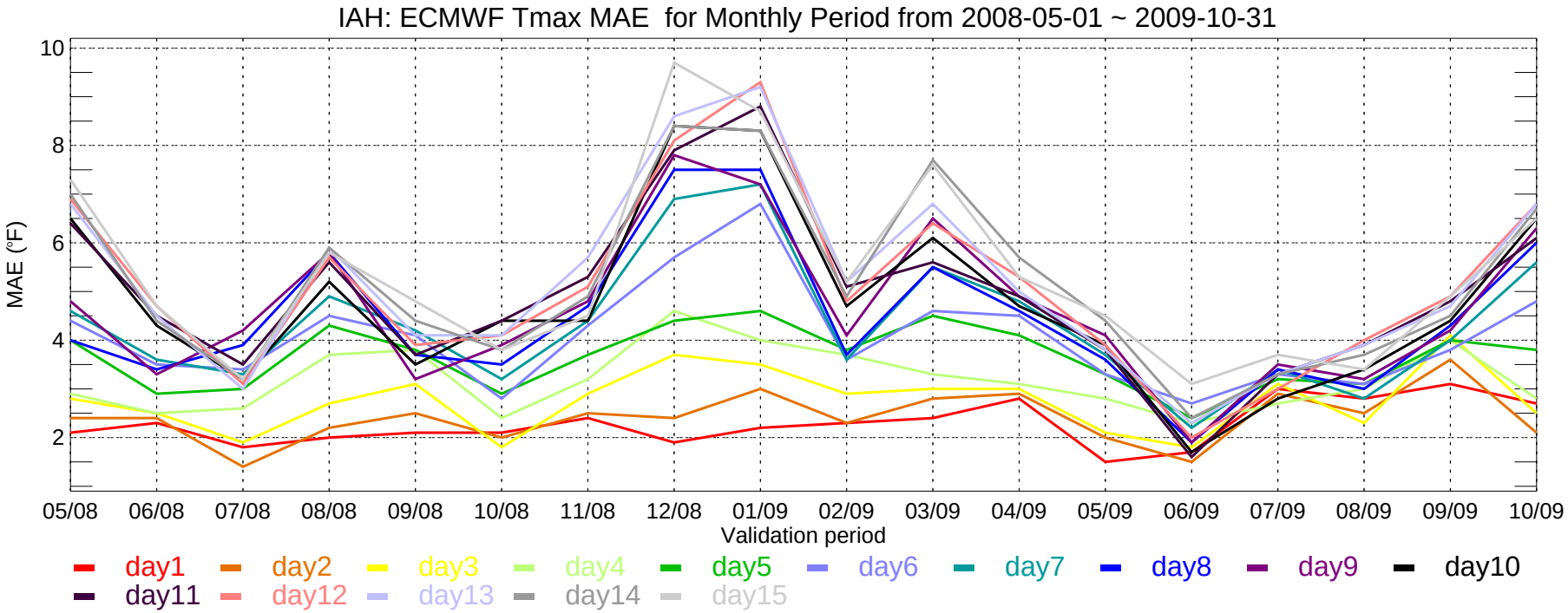
IAH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
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07/09
08/09
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10/09
Validation period
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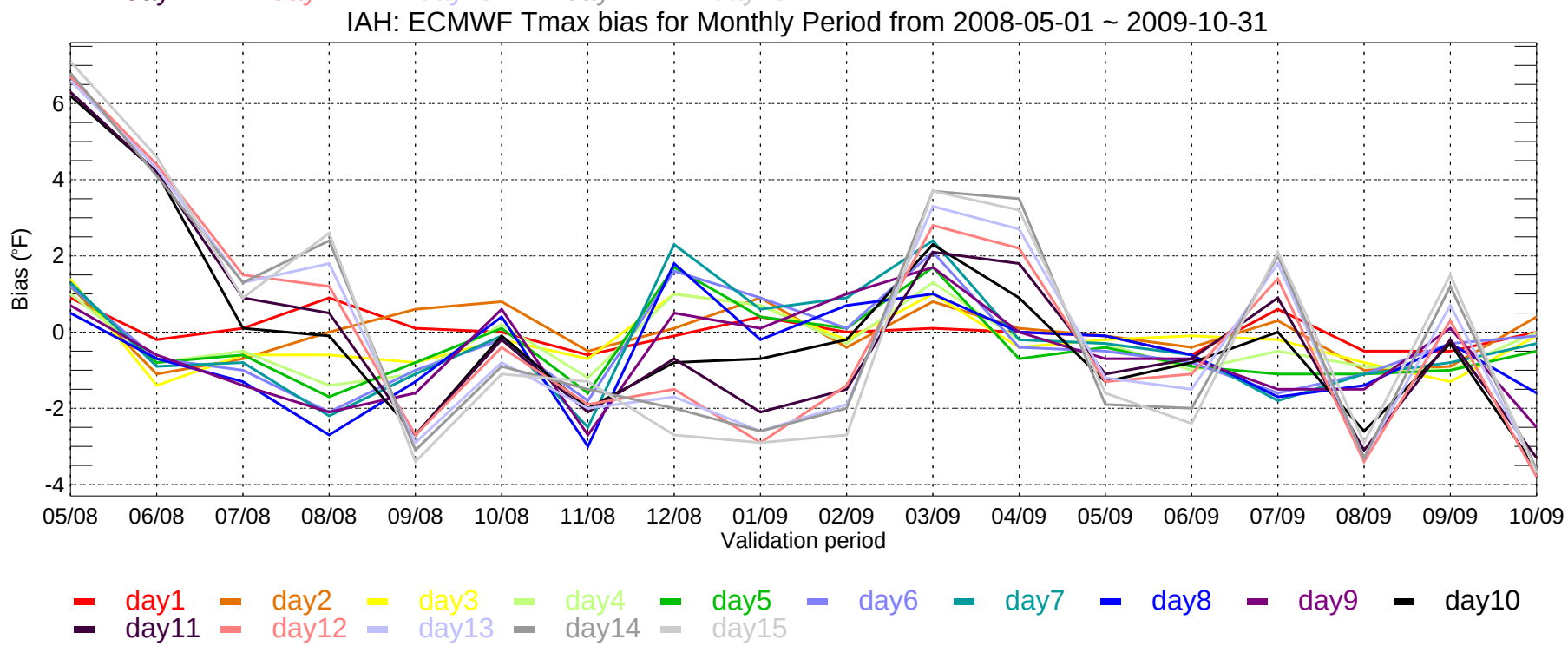
IAH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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10/09
Validation period
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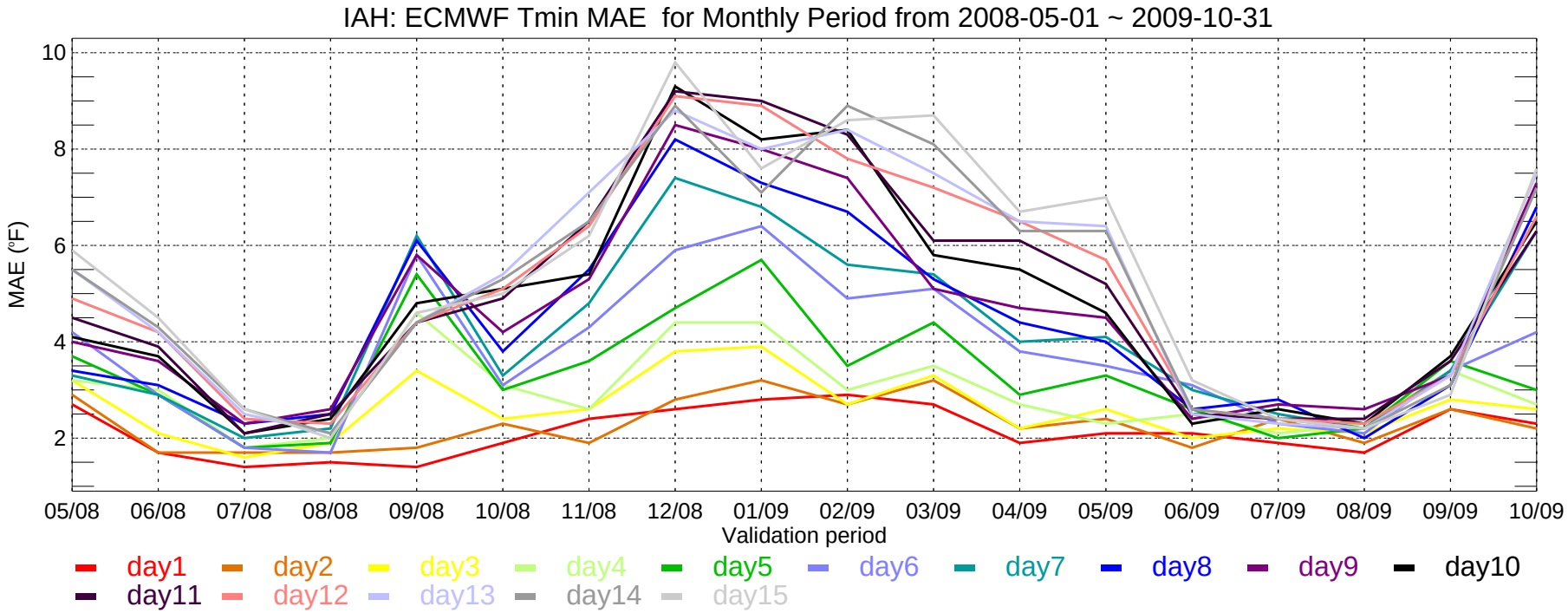
IAH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
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05/08
06/08
07/08
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09/08
10/08
11/08
12/08
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Validation period
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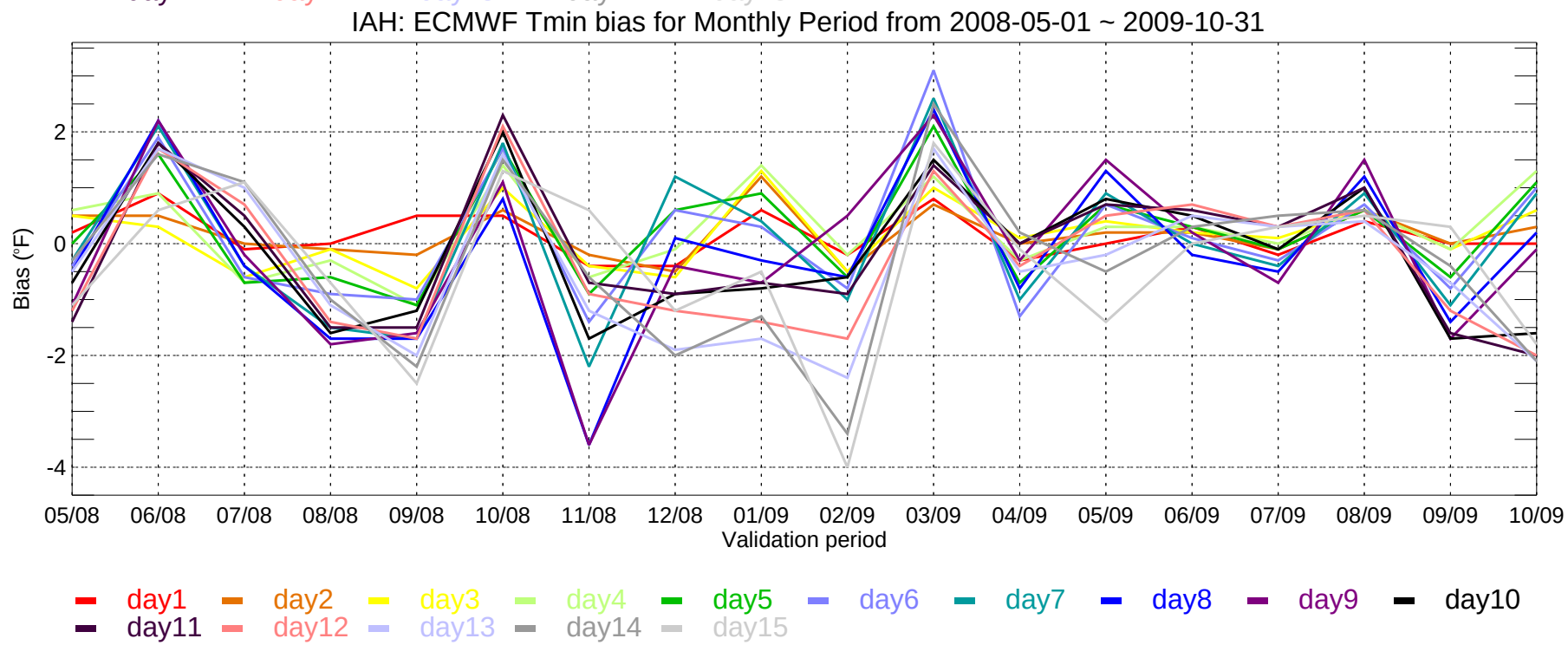
IAH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
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-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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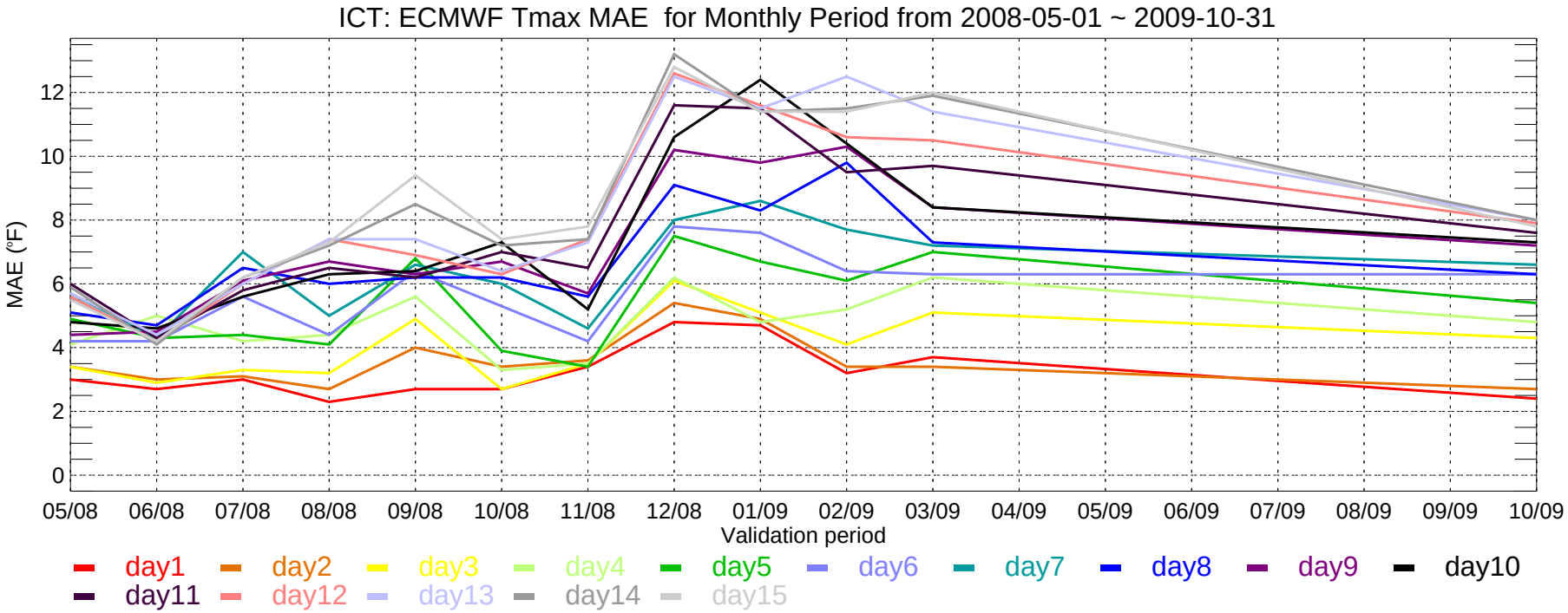
ICT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
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12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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Validation period
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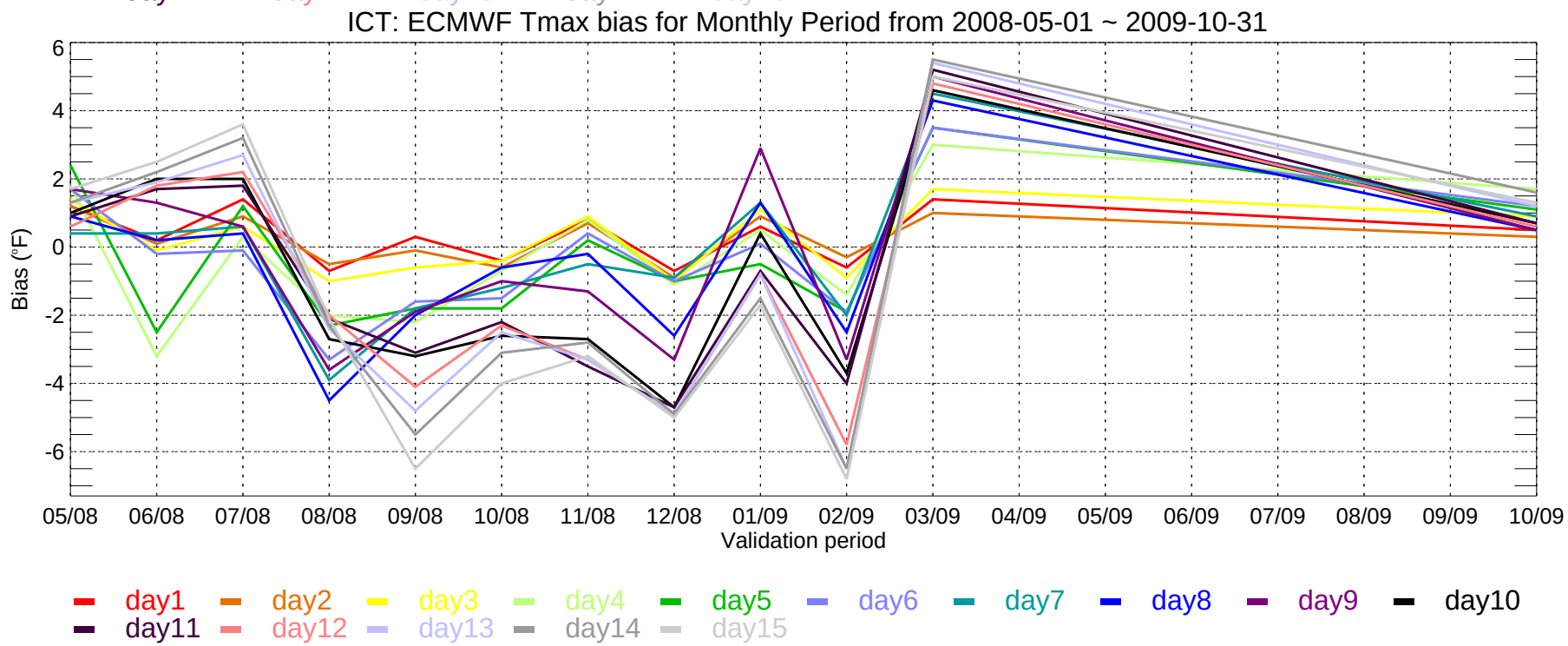
ICT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
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-6
05/08
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Validation period
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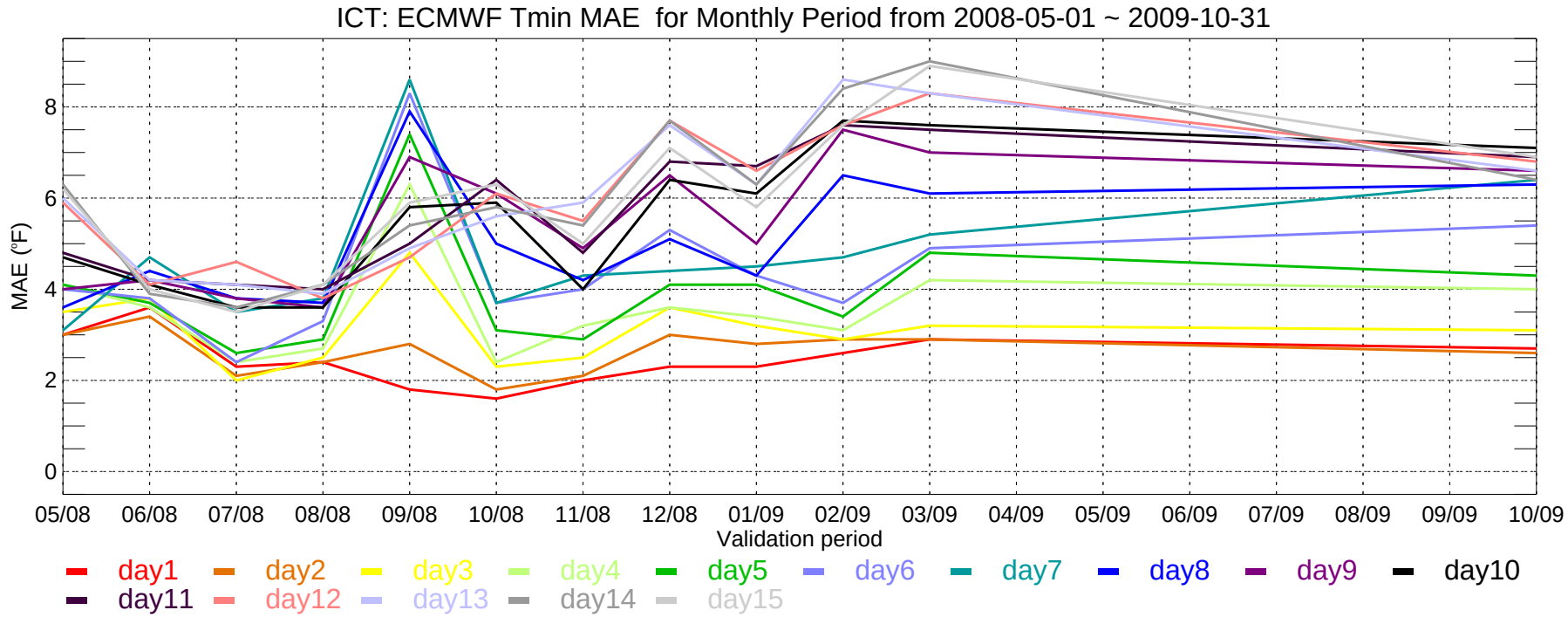
ICT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
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05/08
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Validation period
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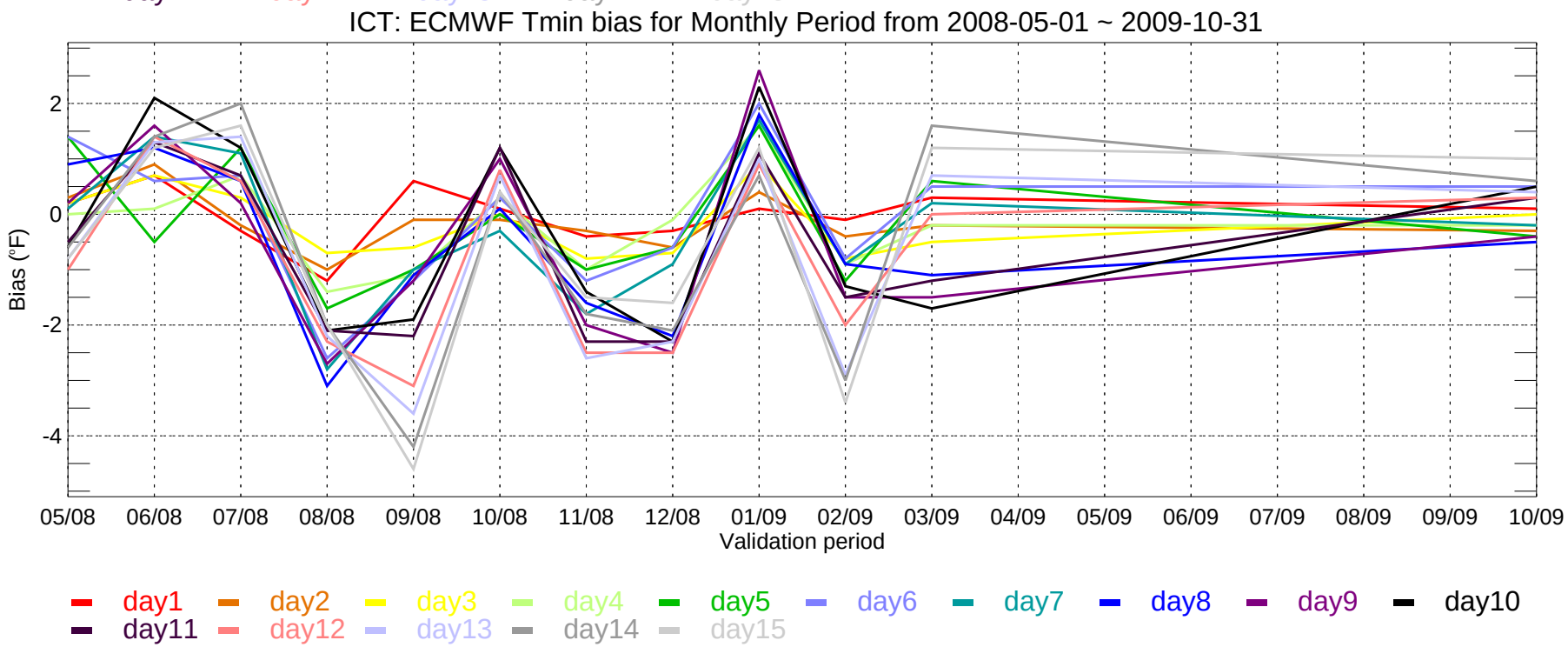
ICT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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02/09
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Validation period
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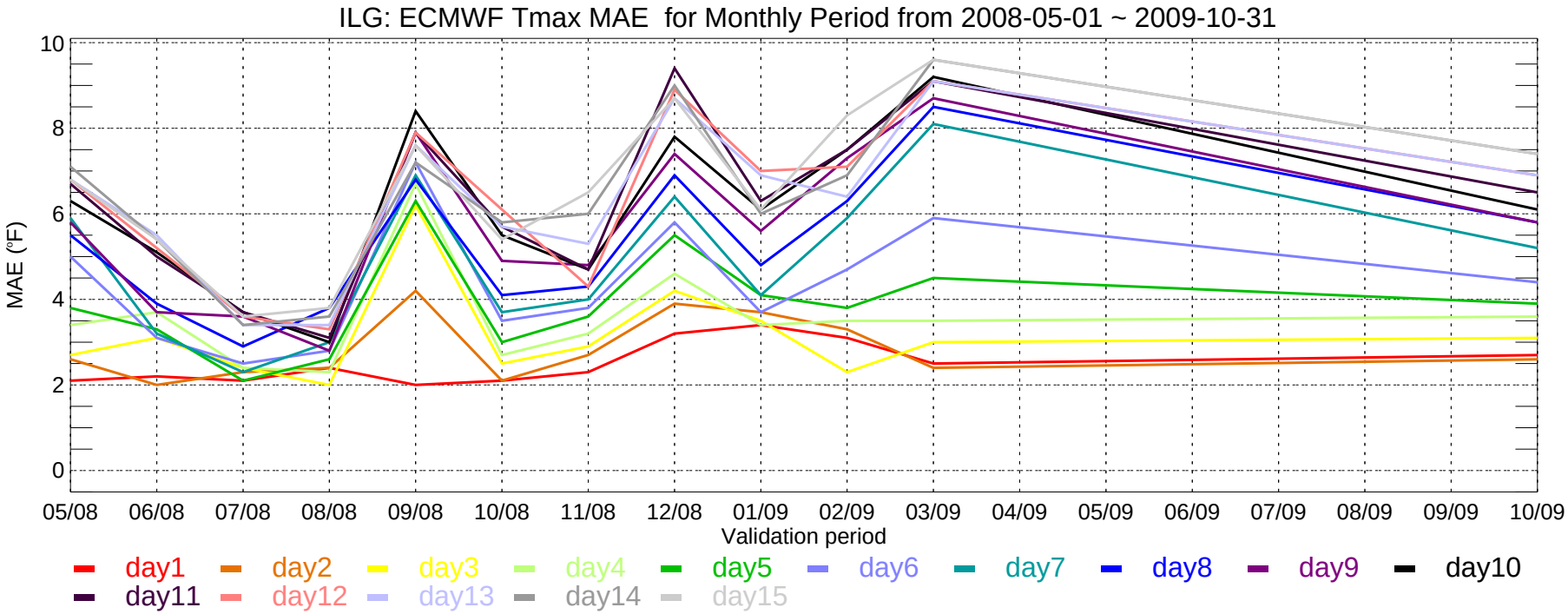
ILG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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04/09
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10/09
Validation period
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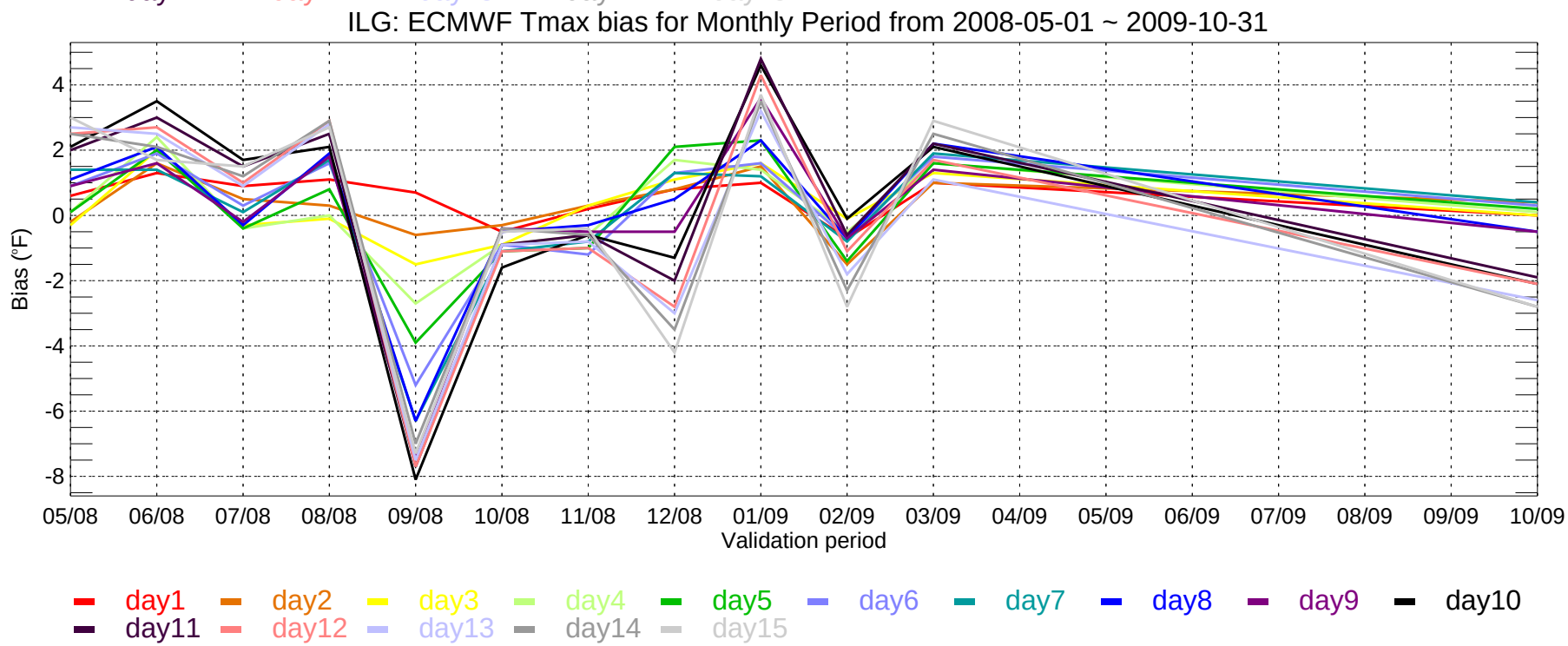
ILG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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Validation period
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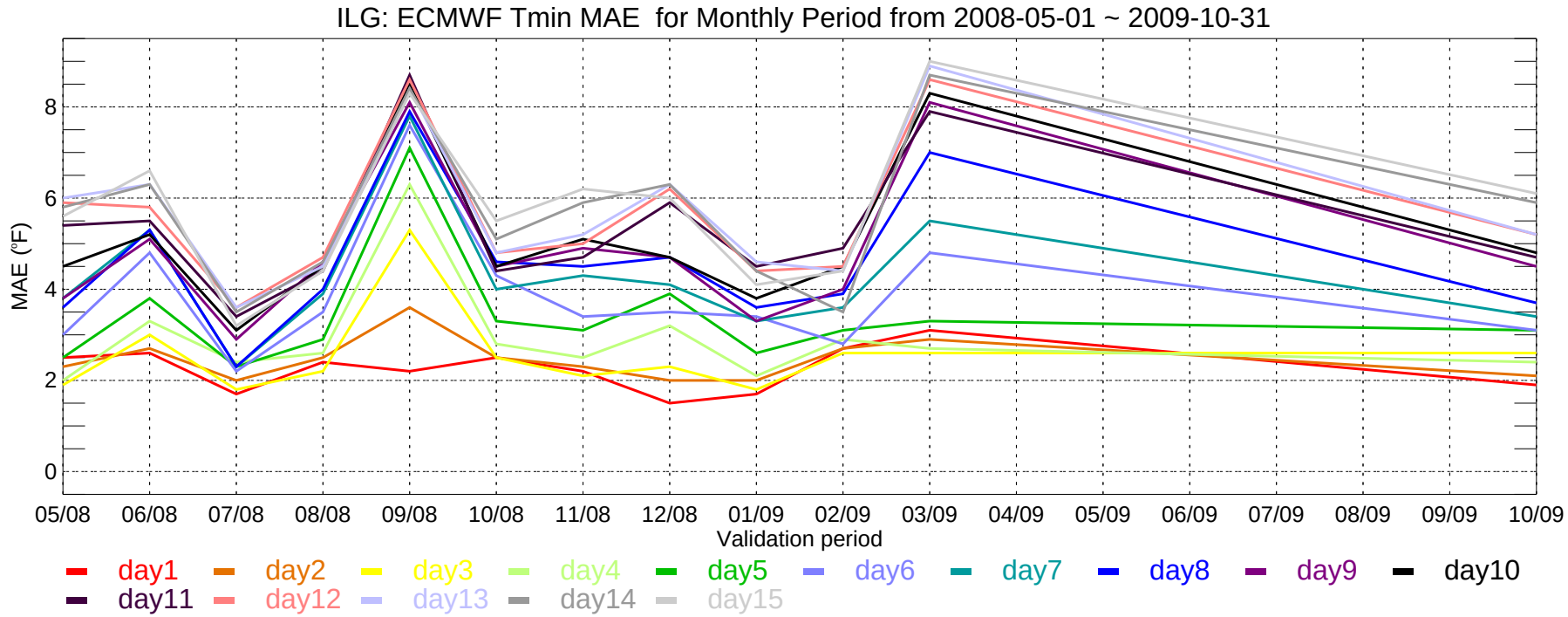
ILG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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05/08
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Validation period
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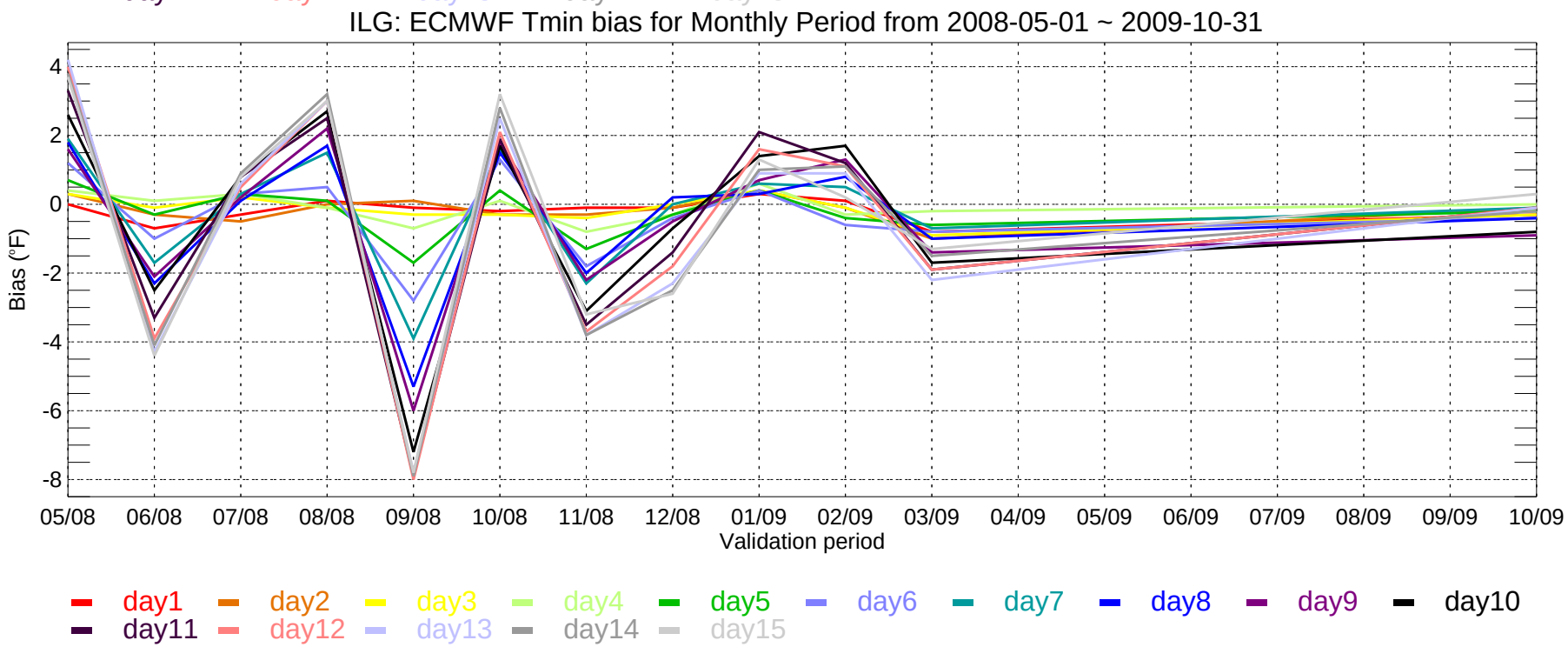
ILG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
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-6
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Validation period
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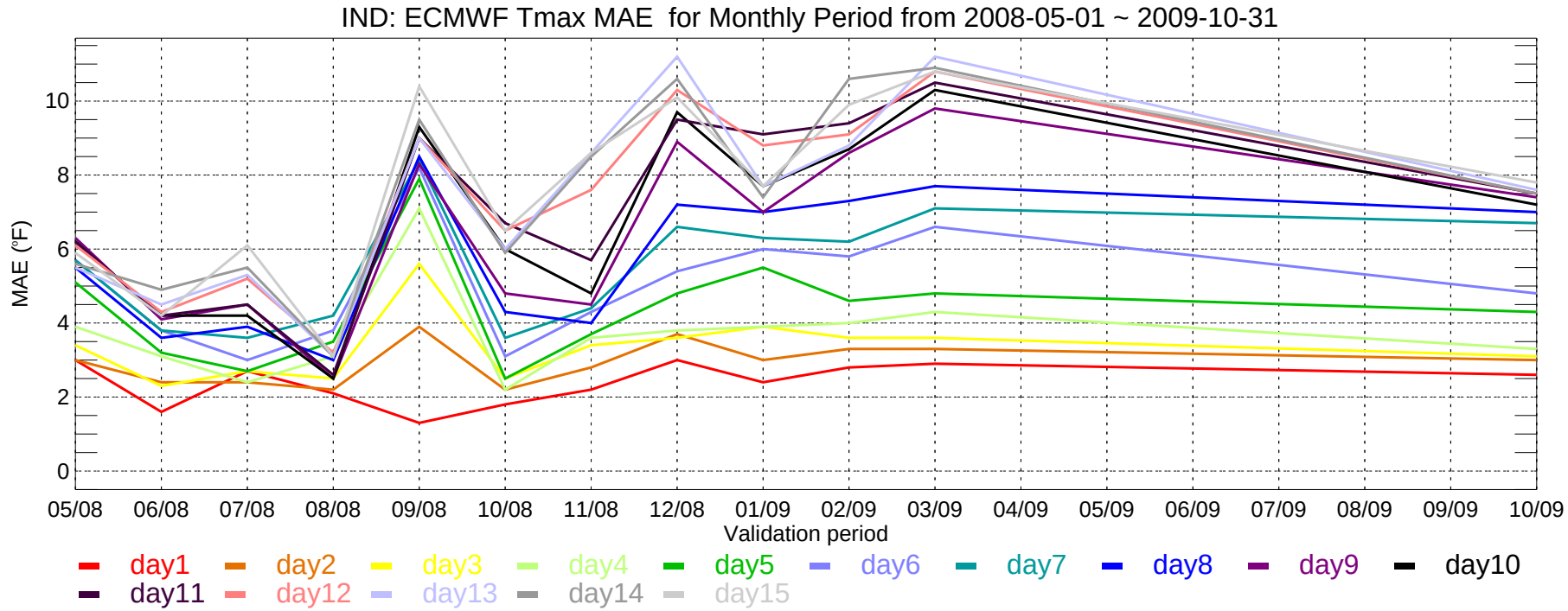
IND: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
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Validation period
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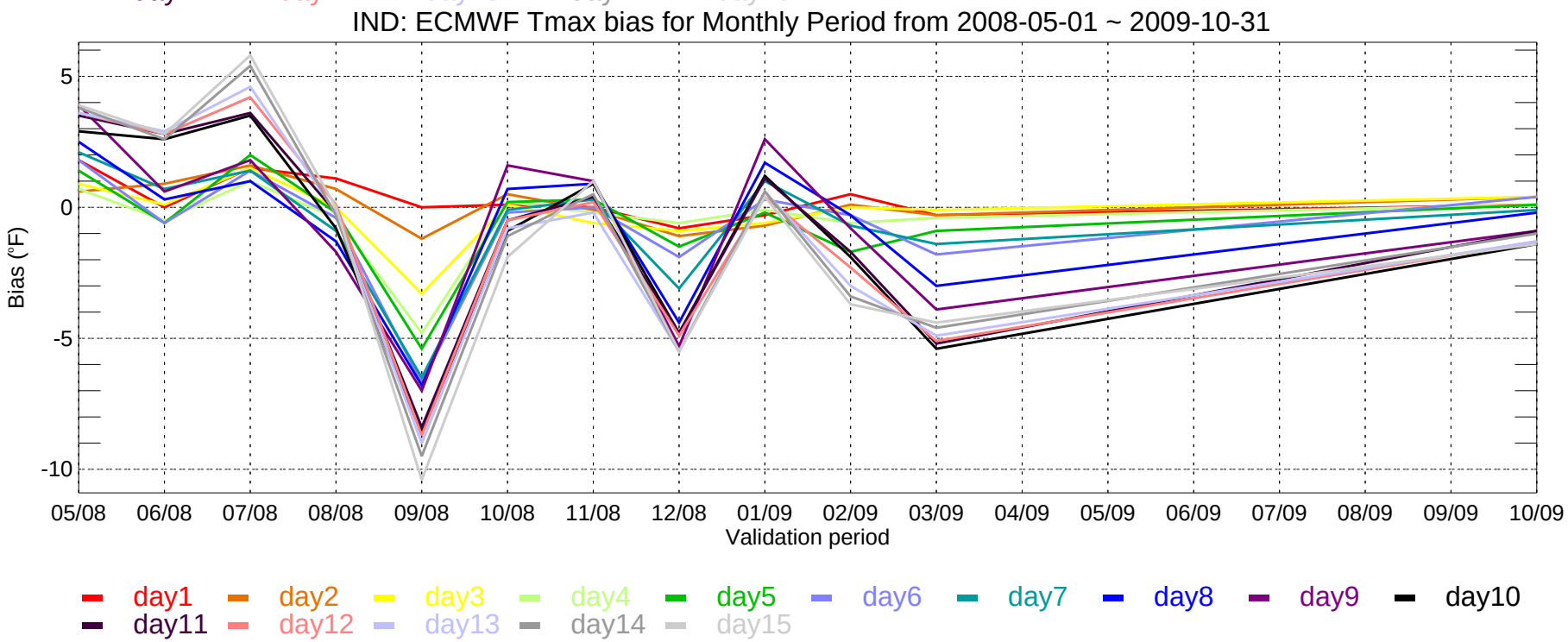
IND: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
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05/08
06/08
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12/08
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Validation period
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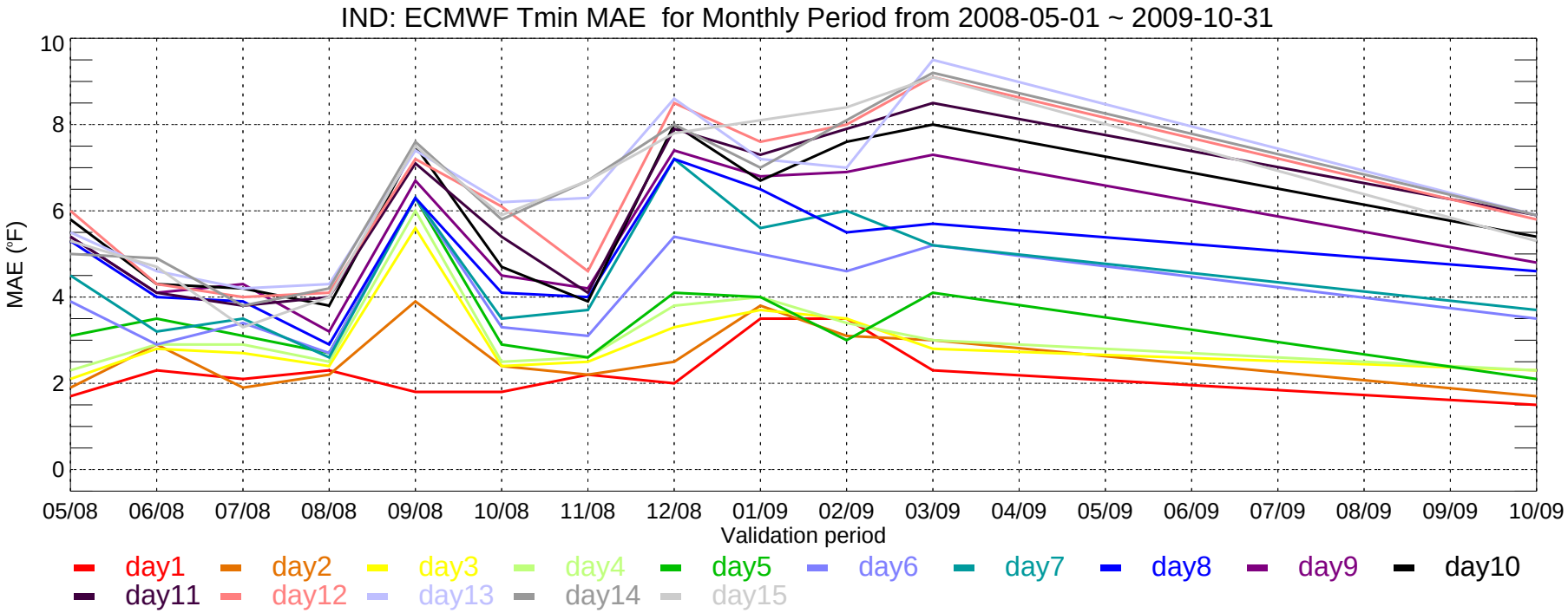
IND: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
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6
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05/08
06/08
07/08
08/08
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11/08
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Validation period
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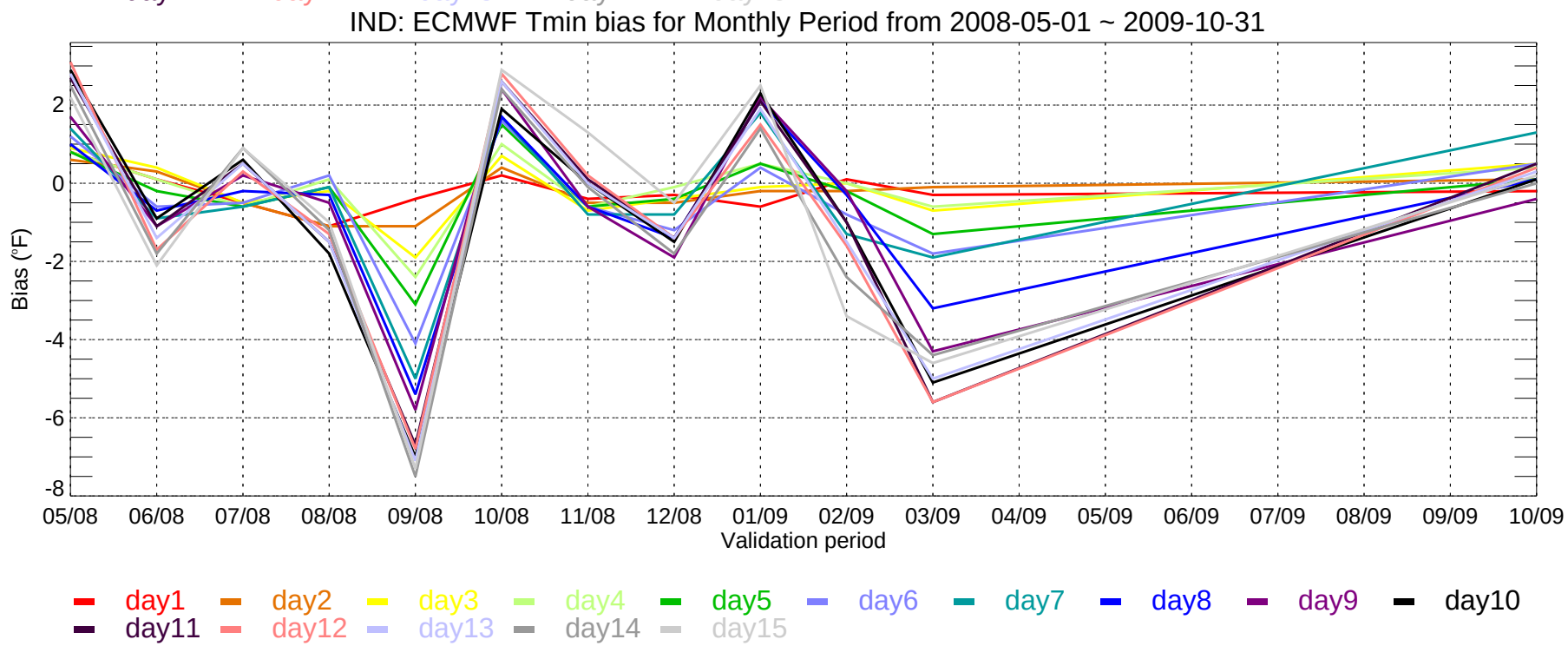
IND: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
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Validation period
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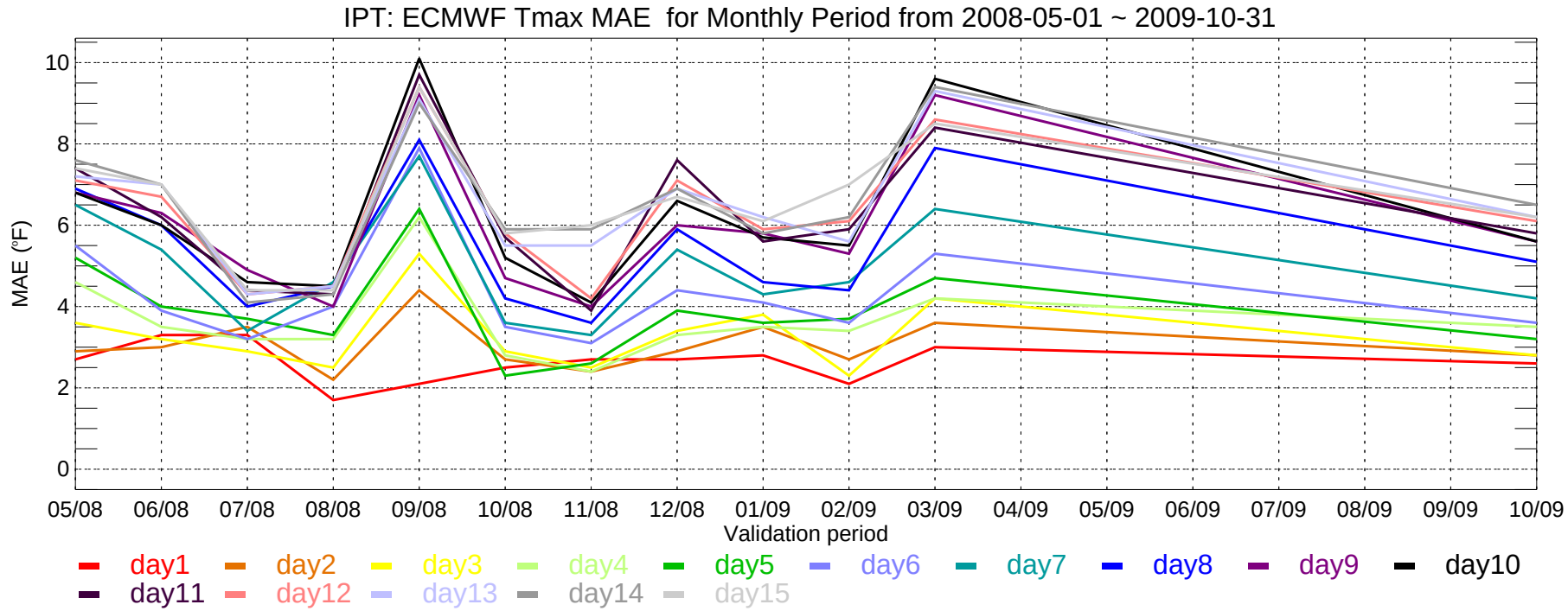
IPT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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Validation period
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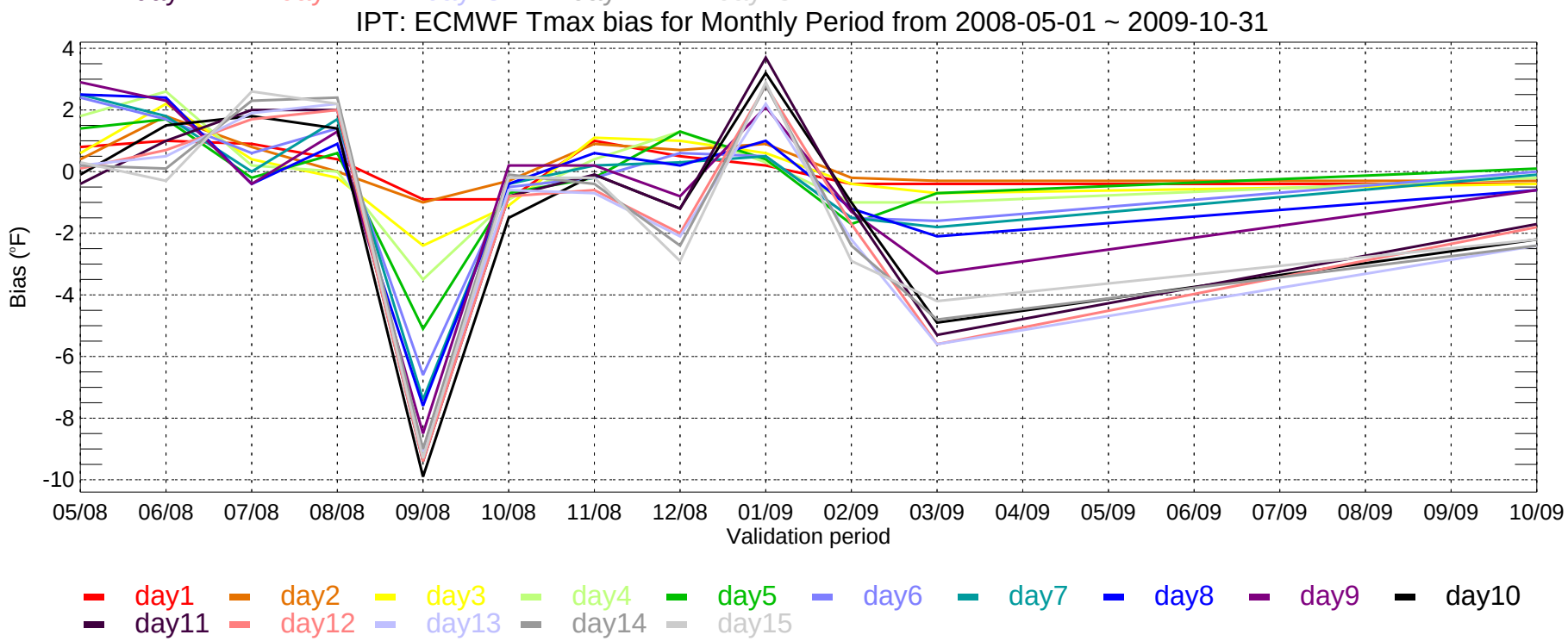
IPT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
Validation period
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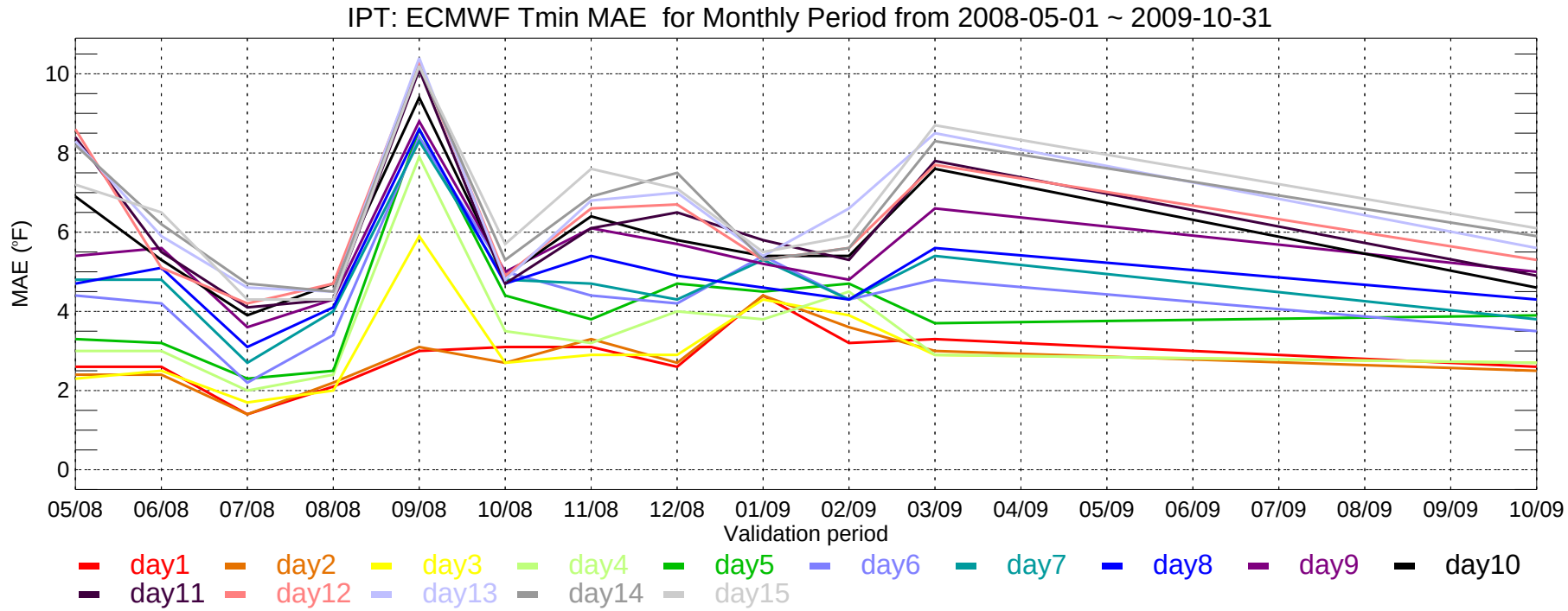
IPT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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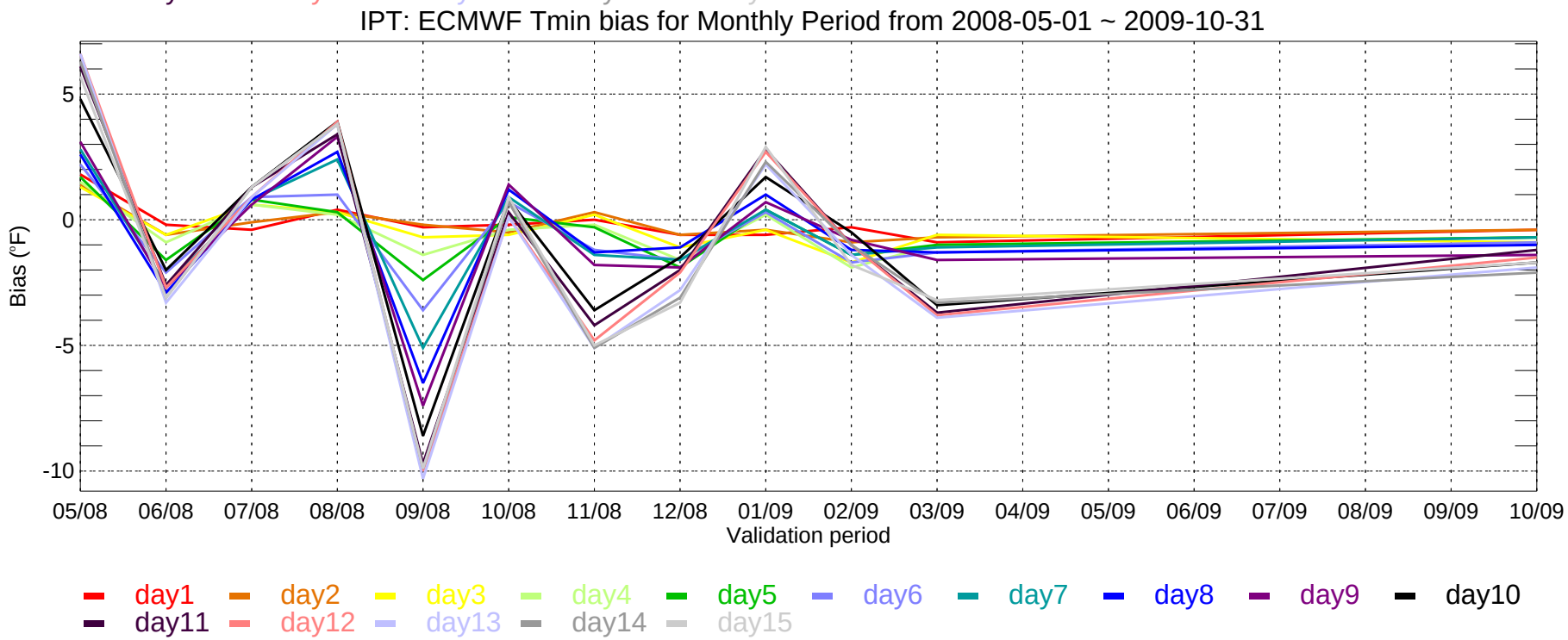
IPT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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Validation period
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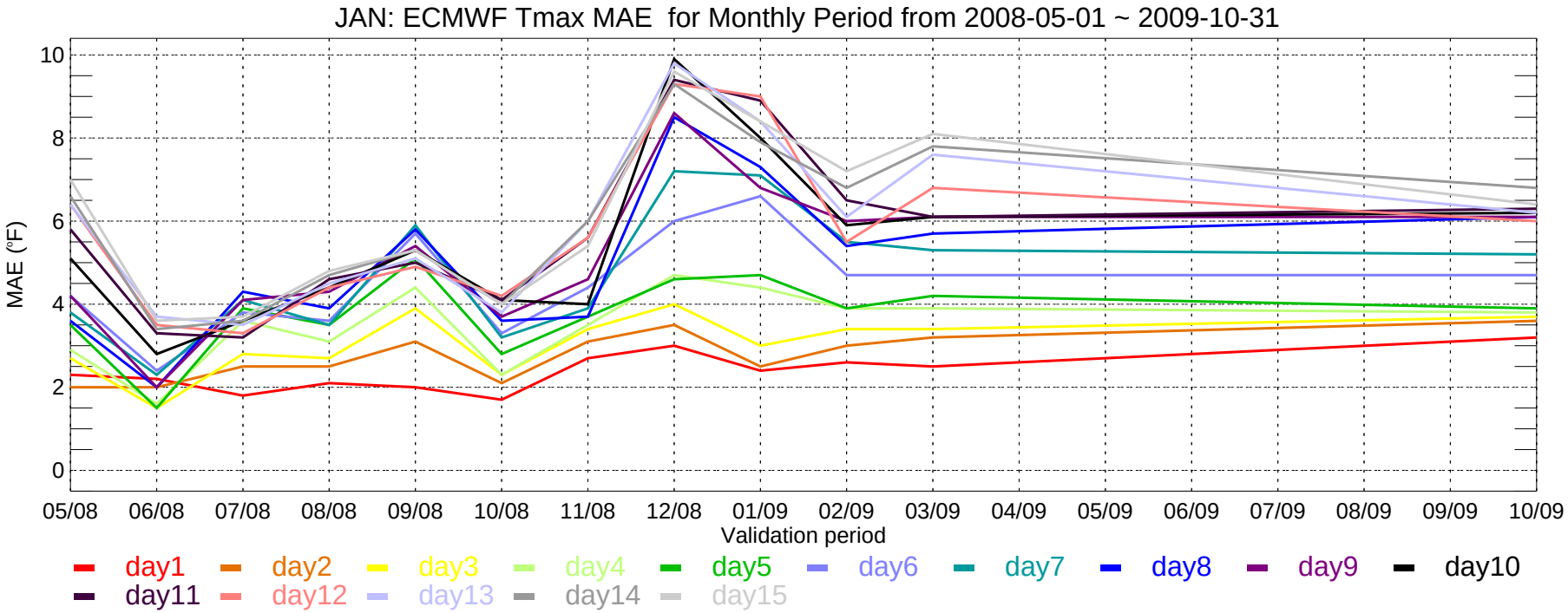
JAN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
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0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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Validation period
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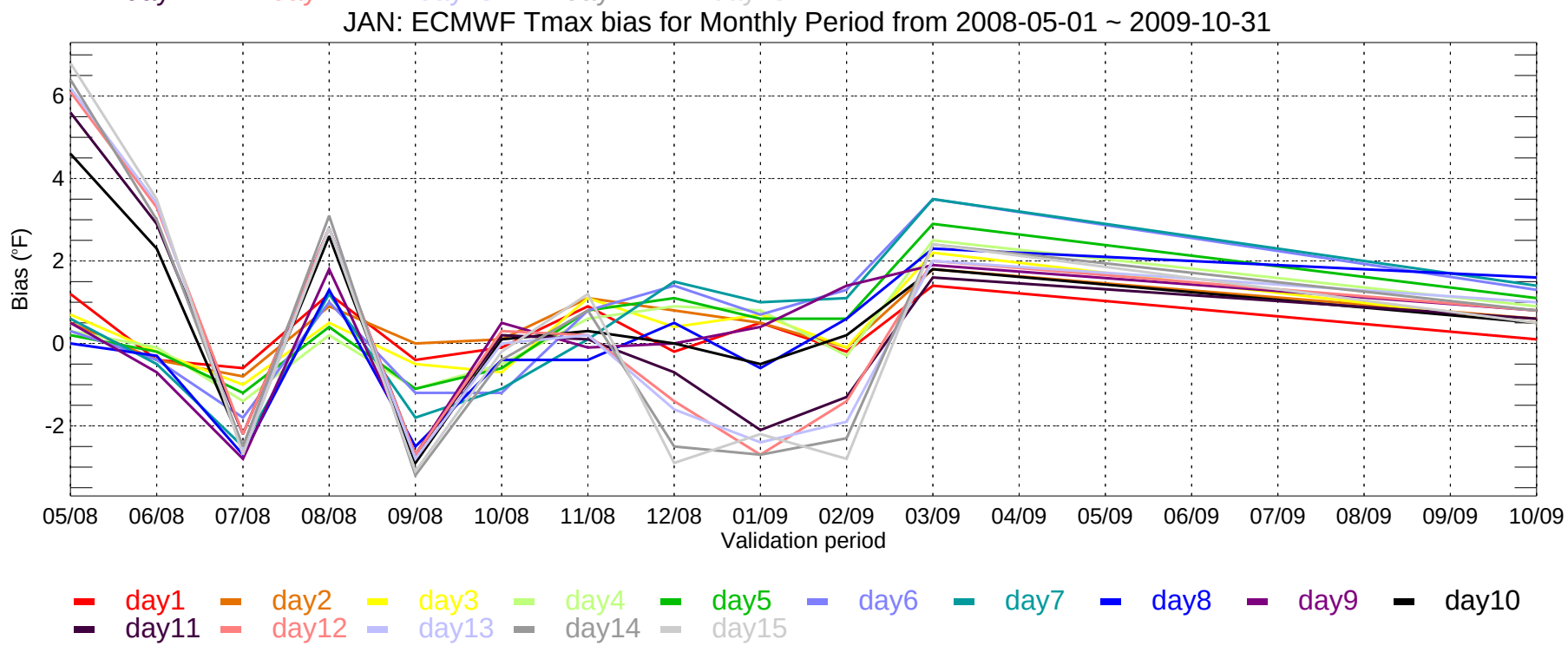
JAN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
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05/08
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07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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Validation period
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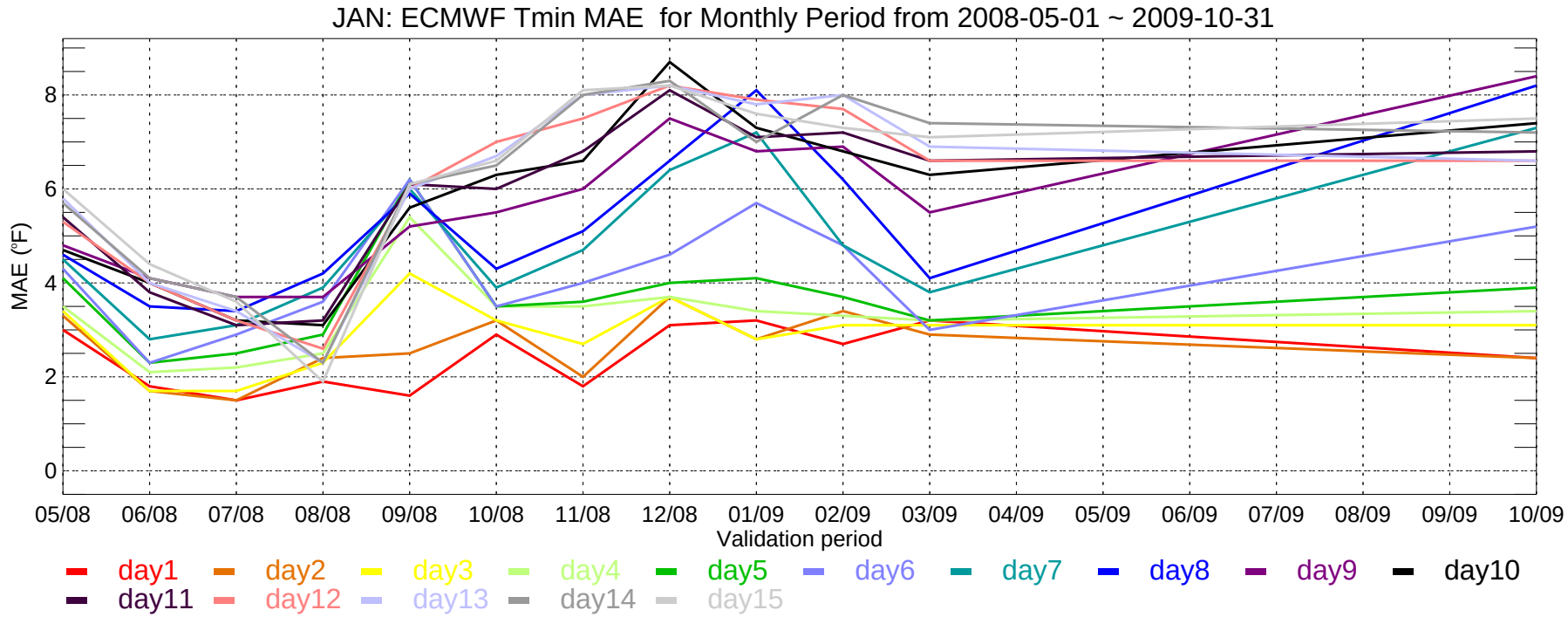
JAN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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Validation period
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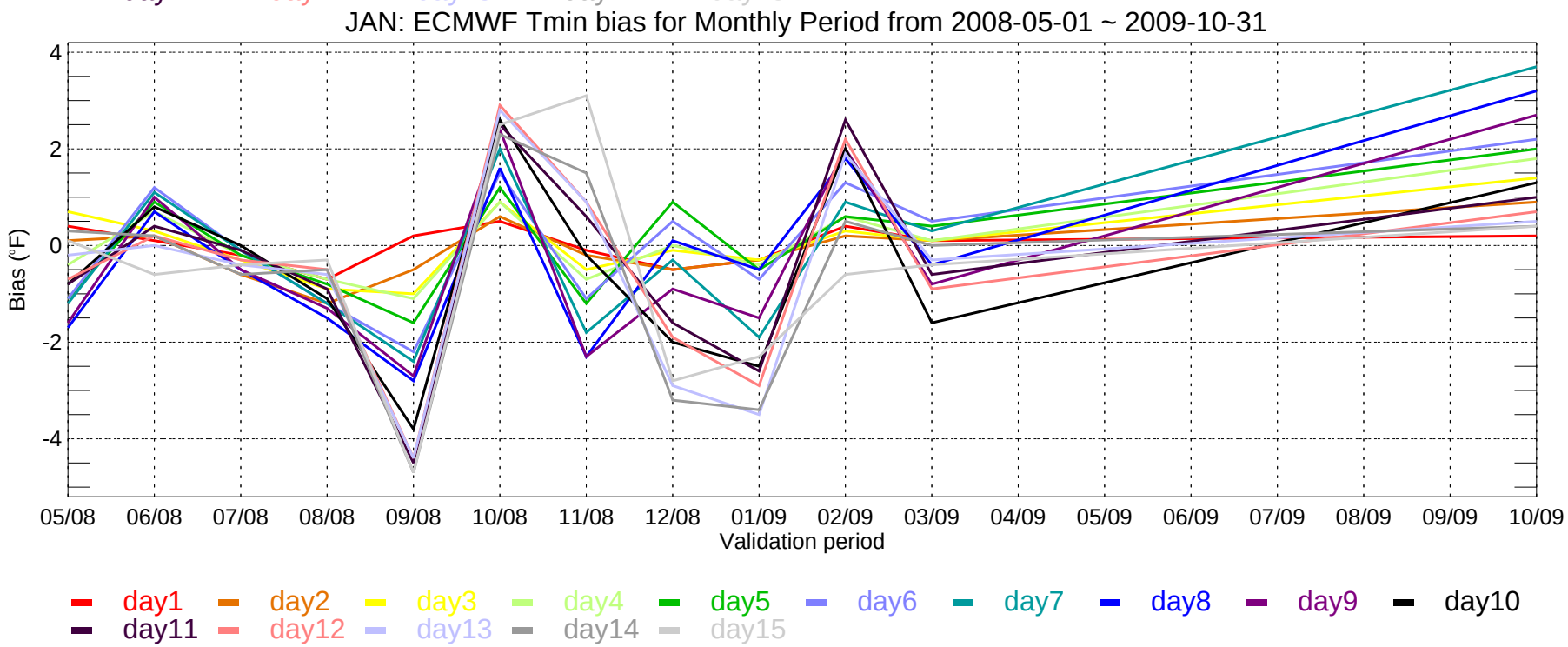
JAN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
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05/08
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11/08
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Validation period
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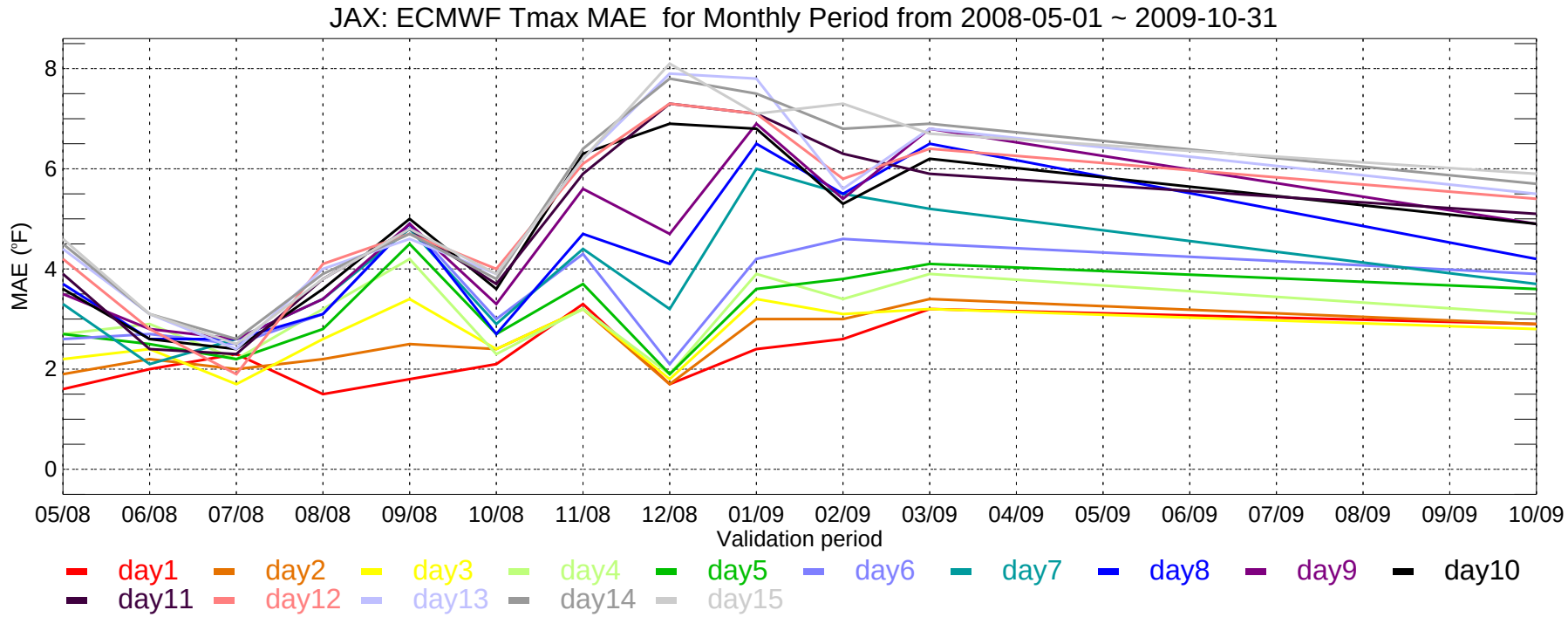
JAX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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Validation period
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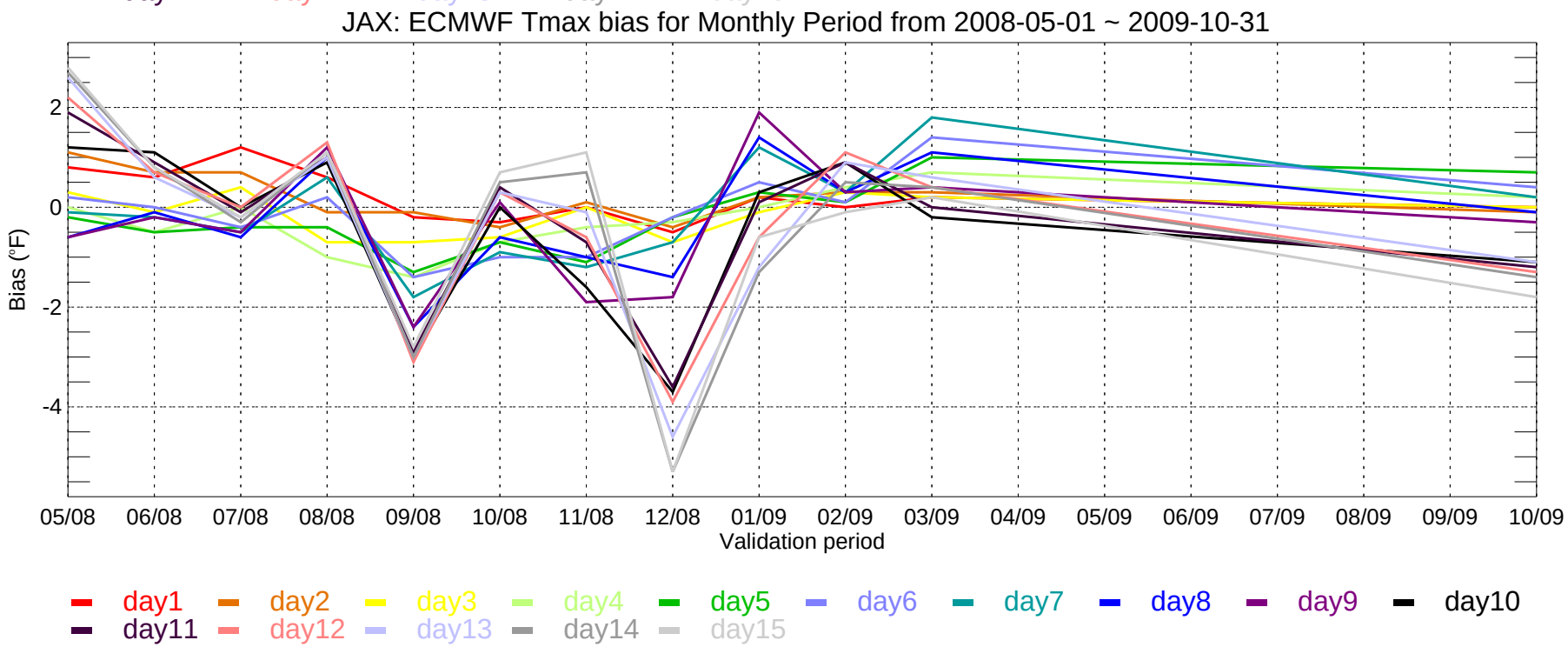
JAX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
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-2
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Validation period
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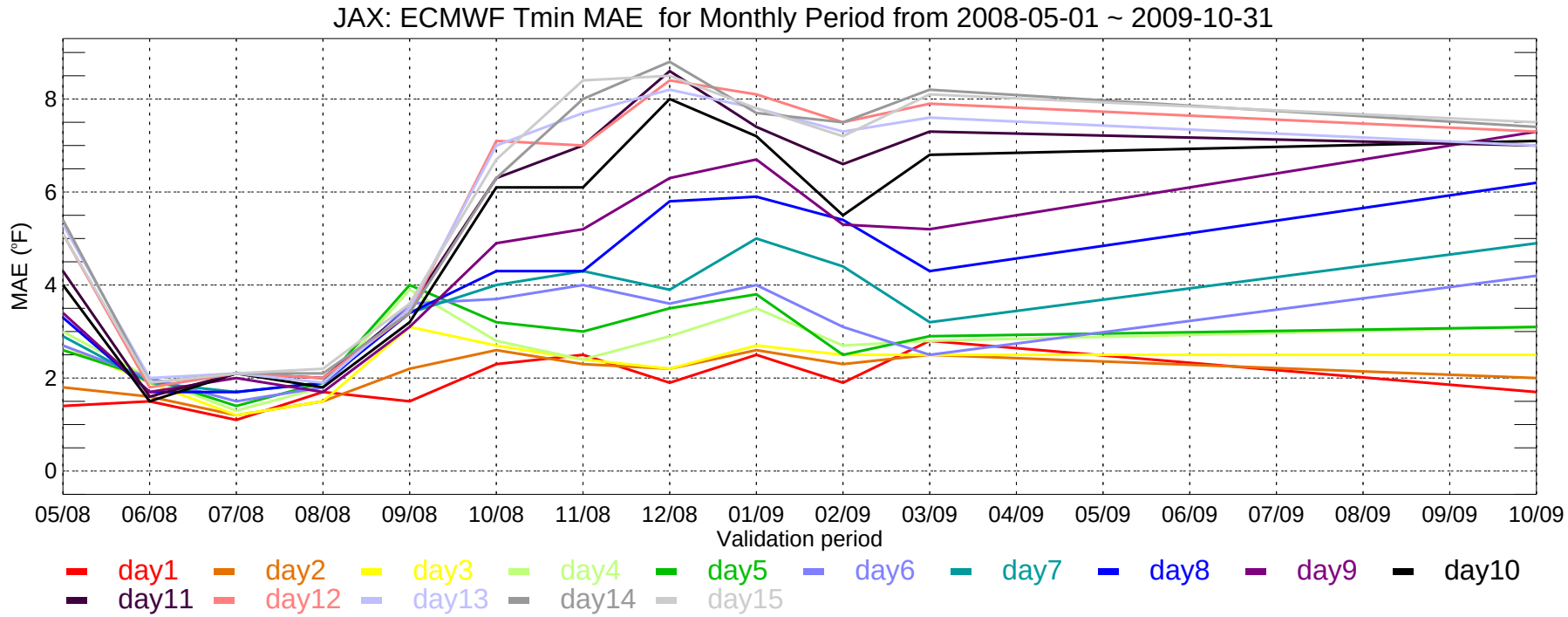
JAX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
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12/08
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Validation period
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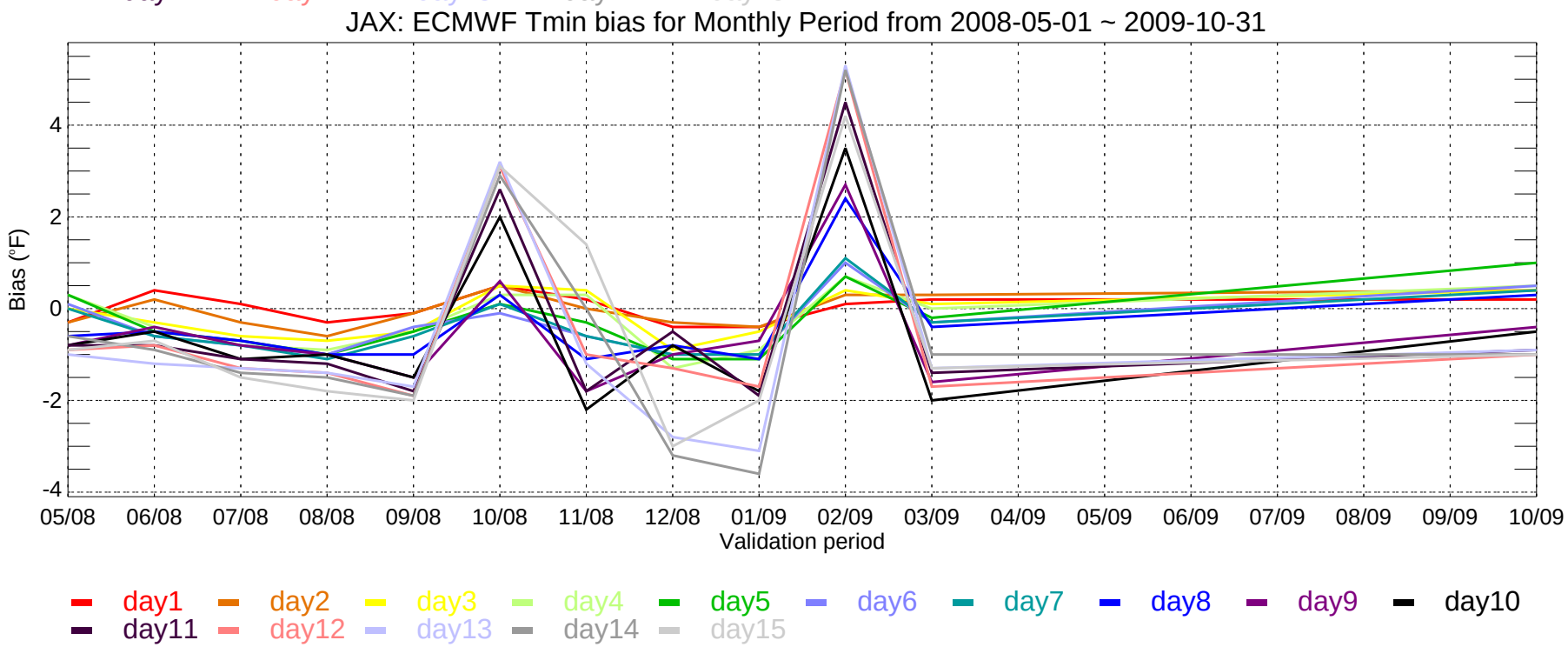
JAX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
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05/08
06/08
07/08
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10/08
11/08
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Validation period
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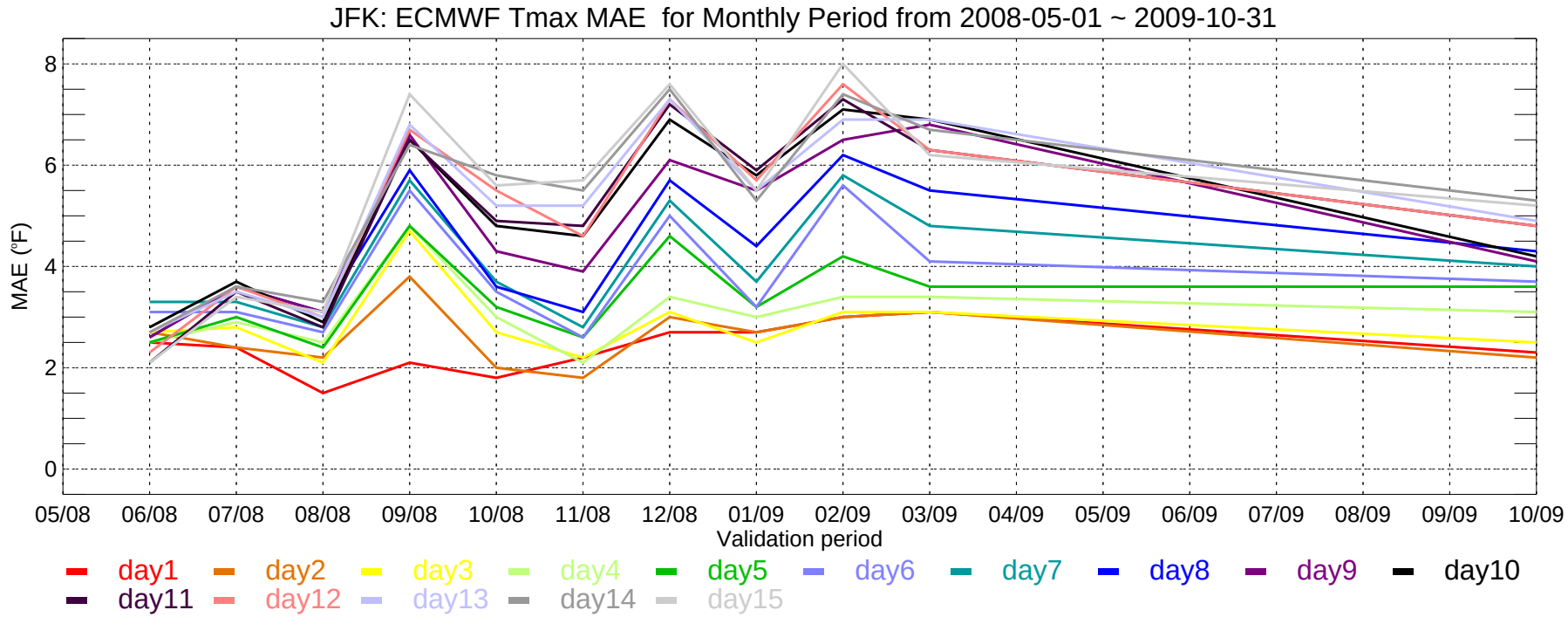
JFK: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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Validation period
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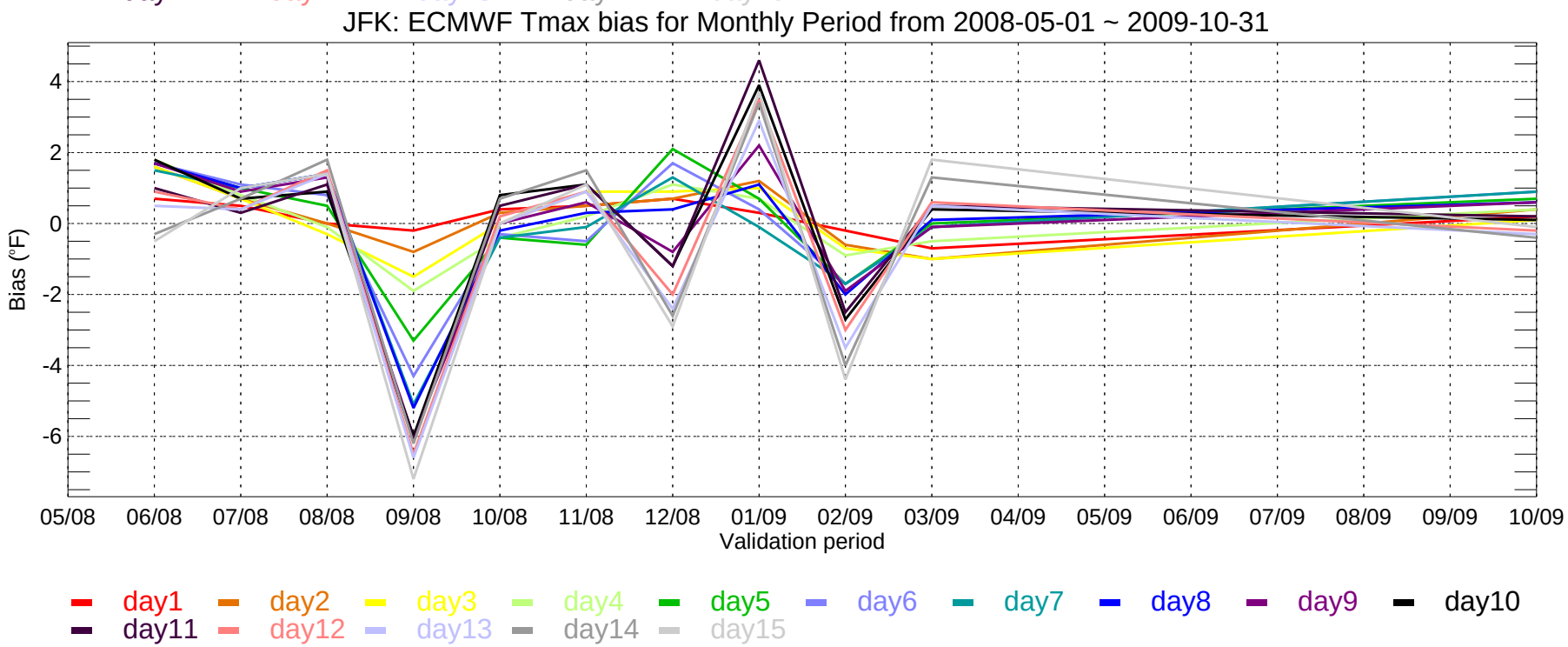
JFK: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
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-2
-4
-6
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Validation period
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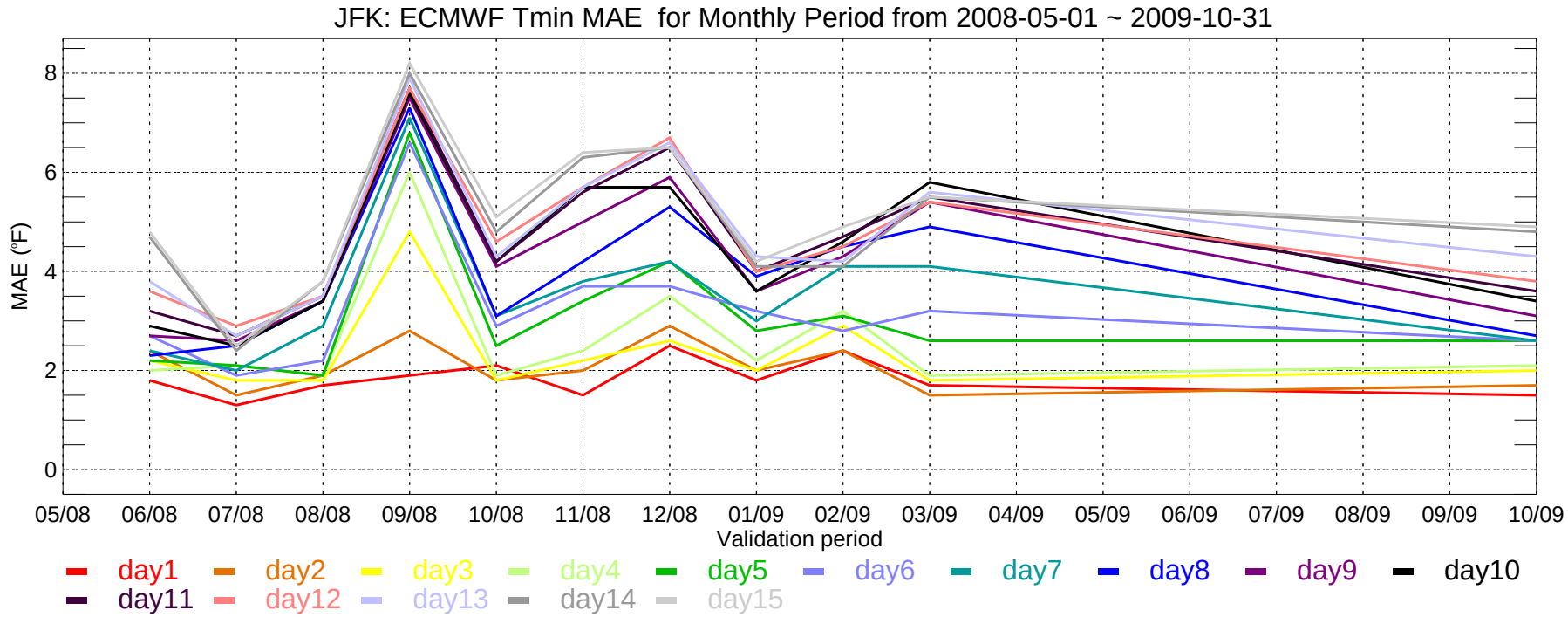
JFK: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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Validation period
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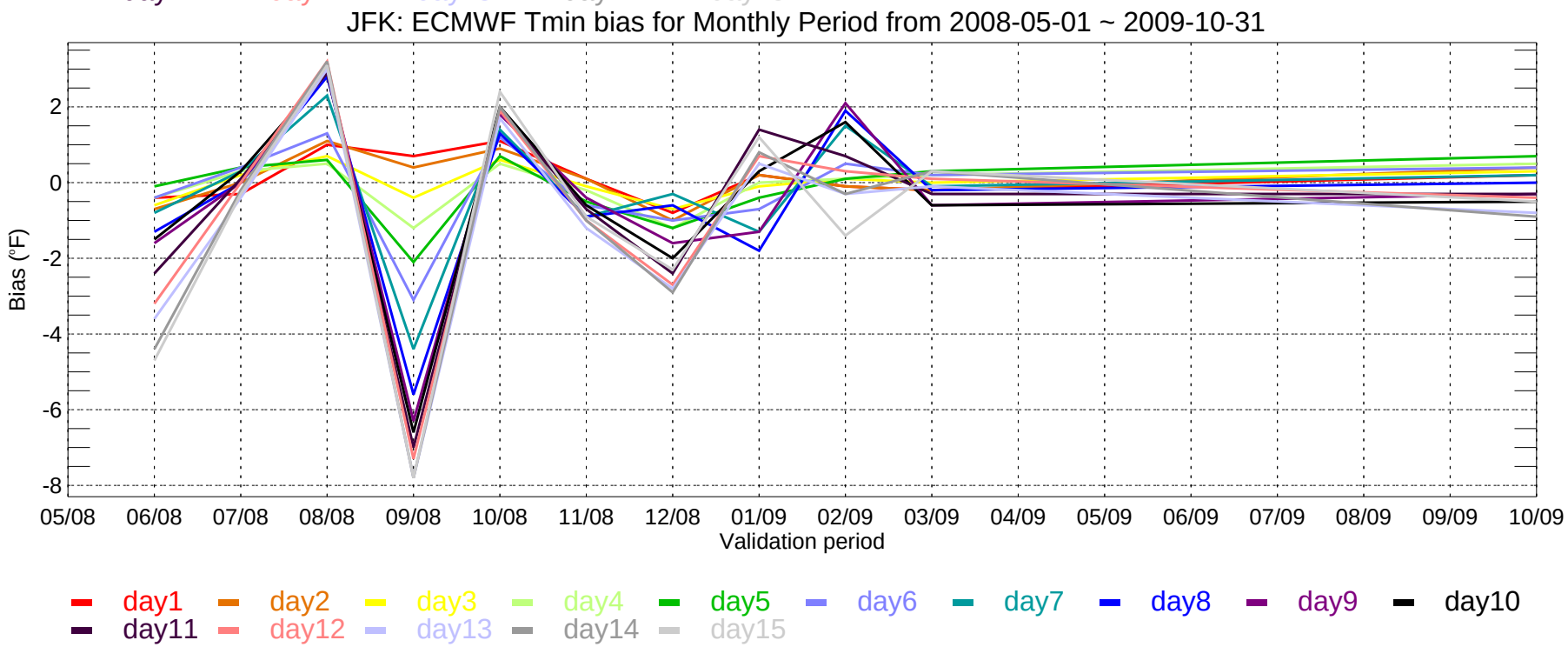
JFK: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
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10/08
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Validation period
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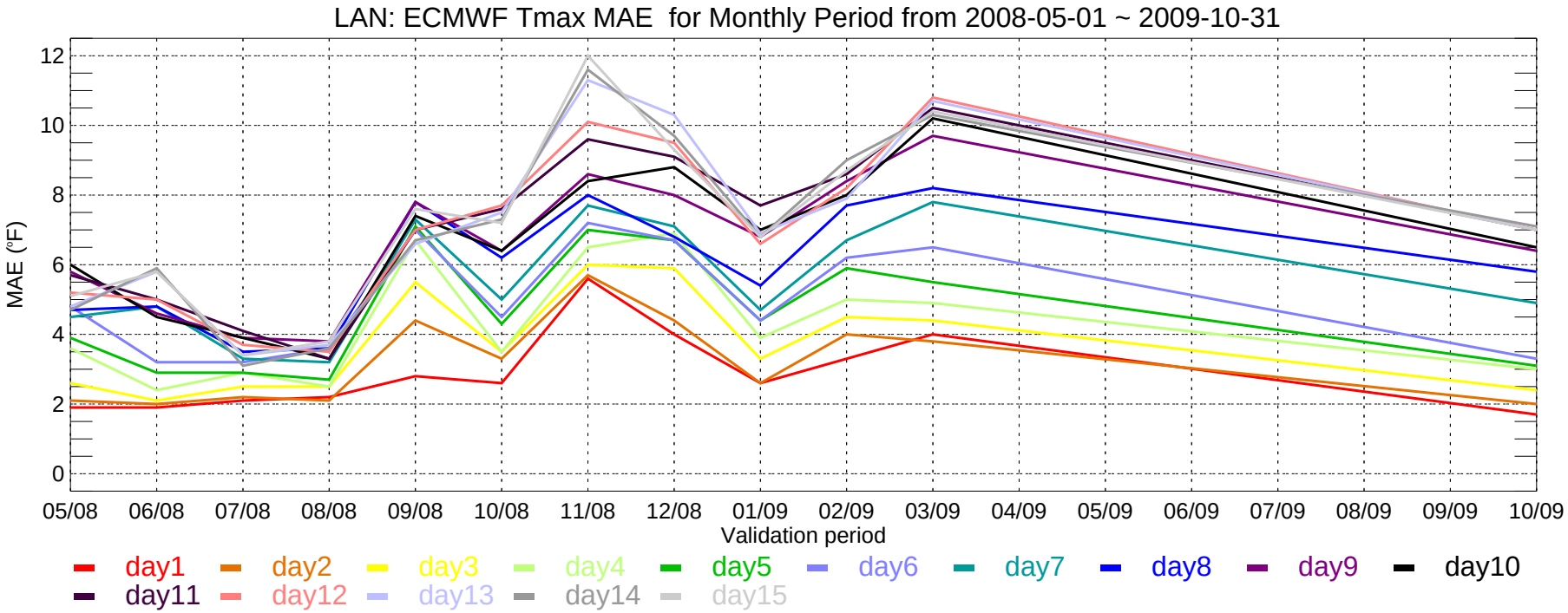
LAN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
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10
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08/08
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10/08
11/08
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Validation period
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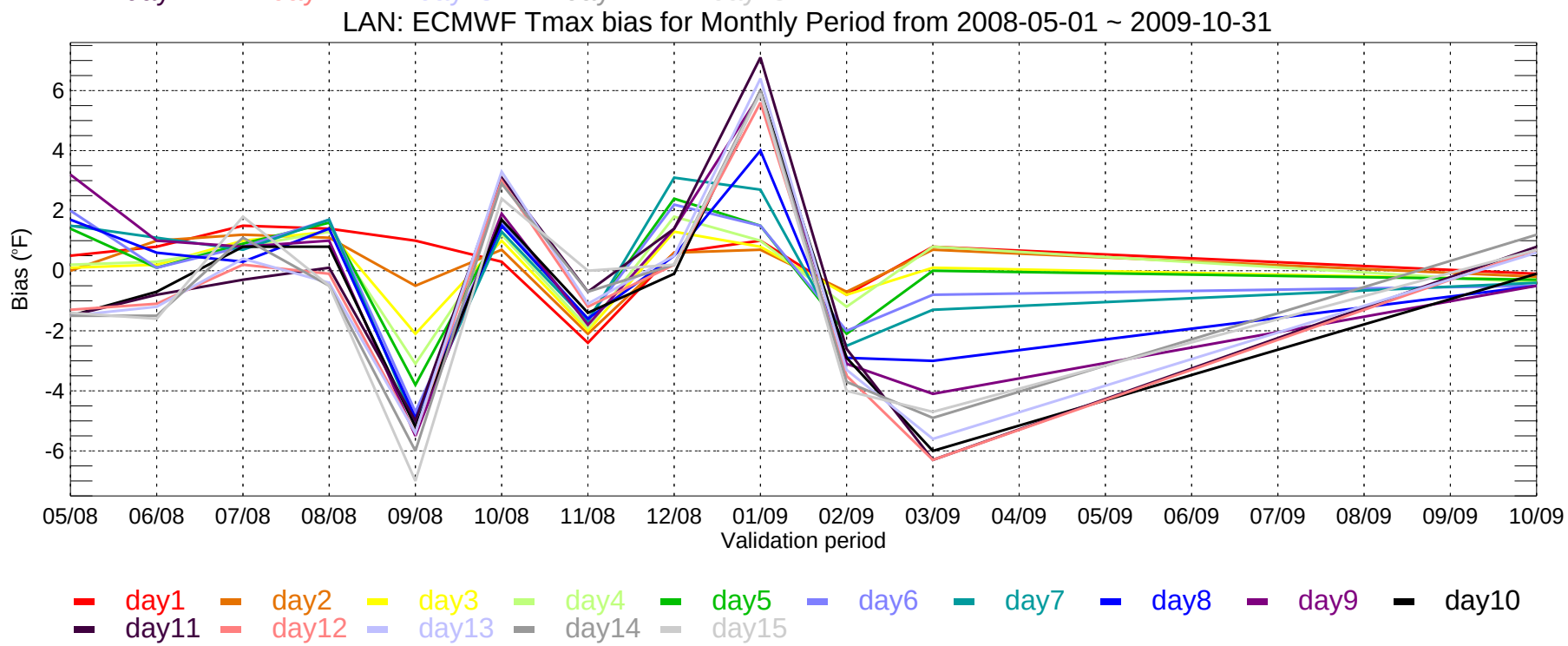
LAN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-6
-4
-2
0
2
4
6
05/08
06/08
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10/08
11/08
12/08
01/09
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Validation period
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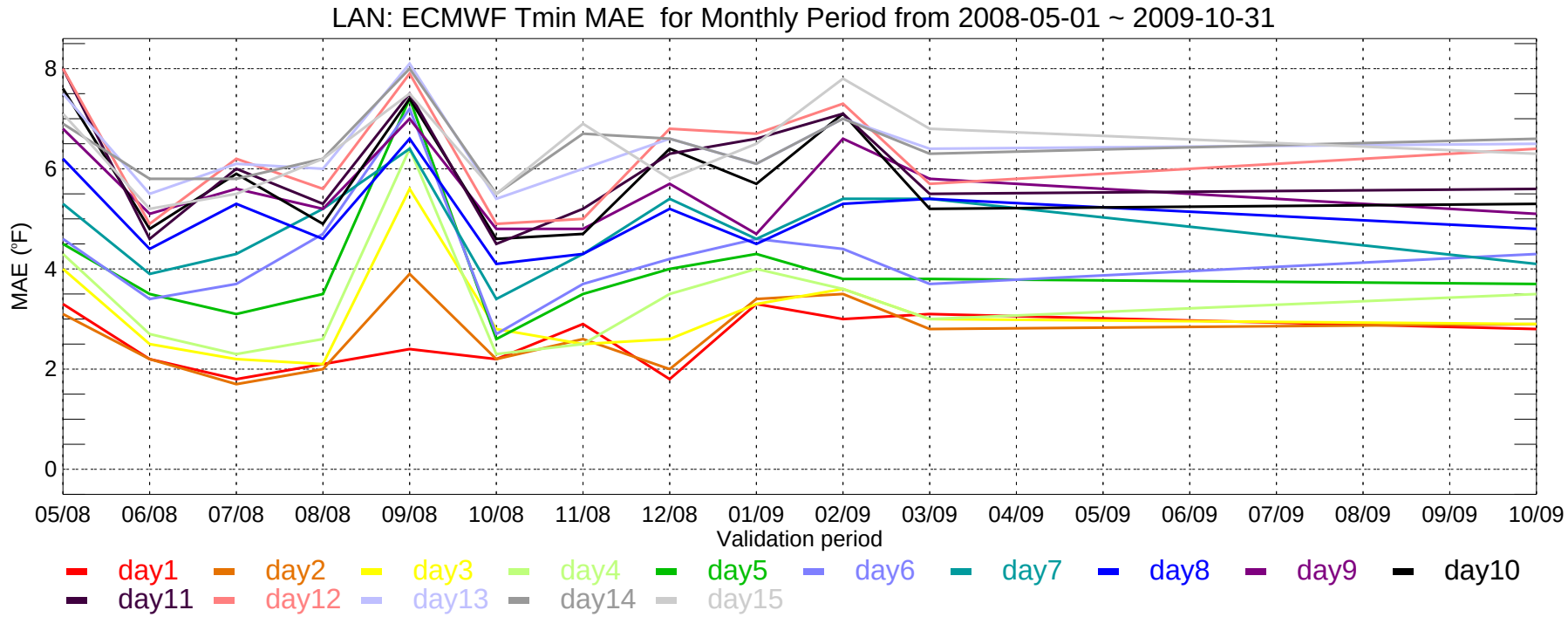
LAN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
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05/08
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Validation period
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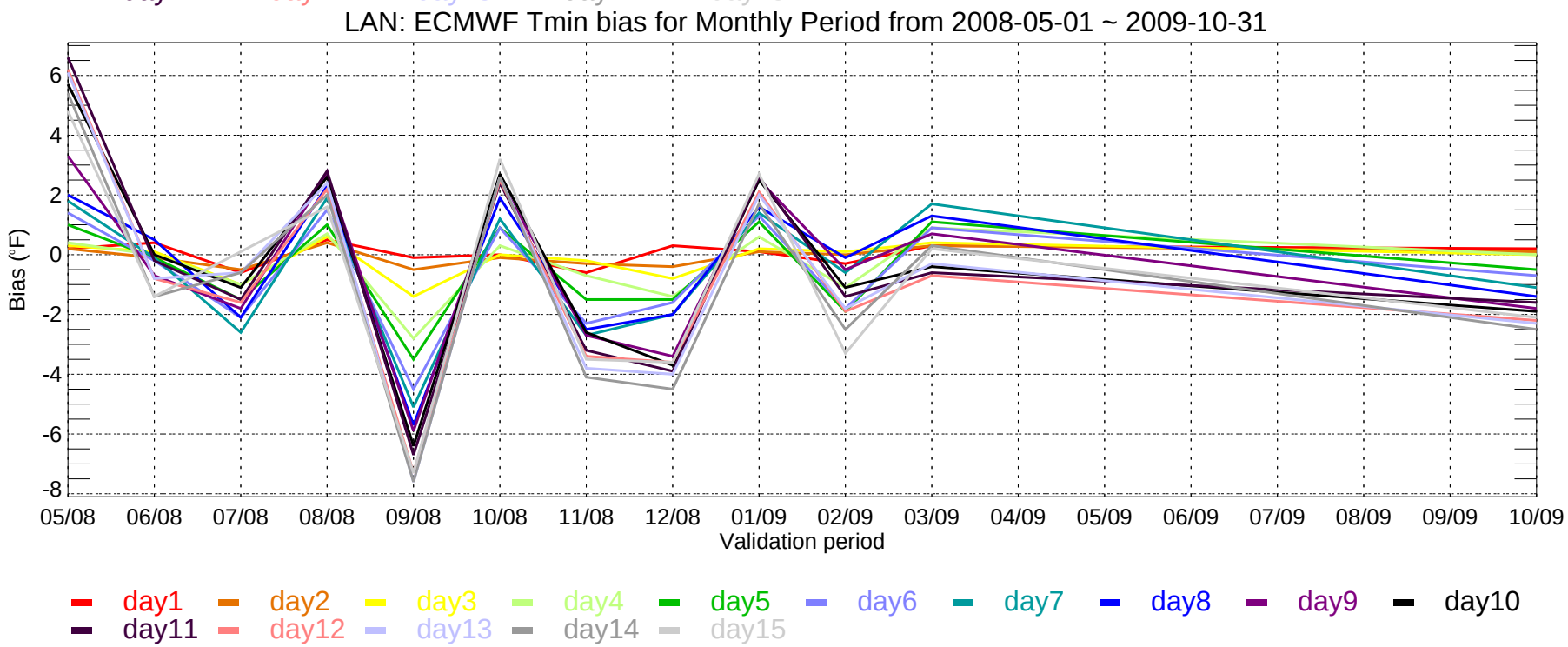
LAN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
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09/08
10/08
11/08
12/08
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Validation period
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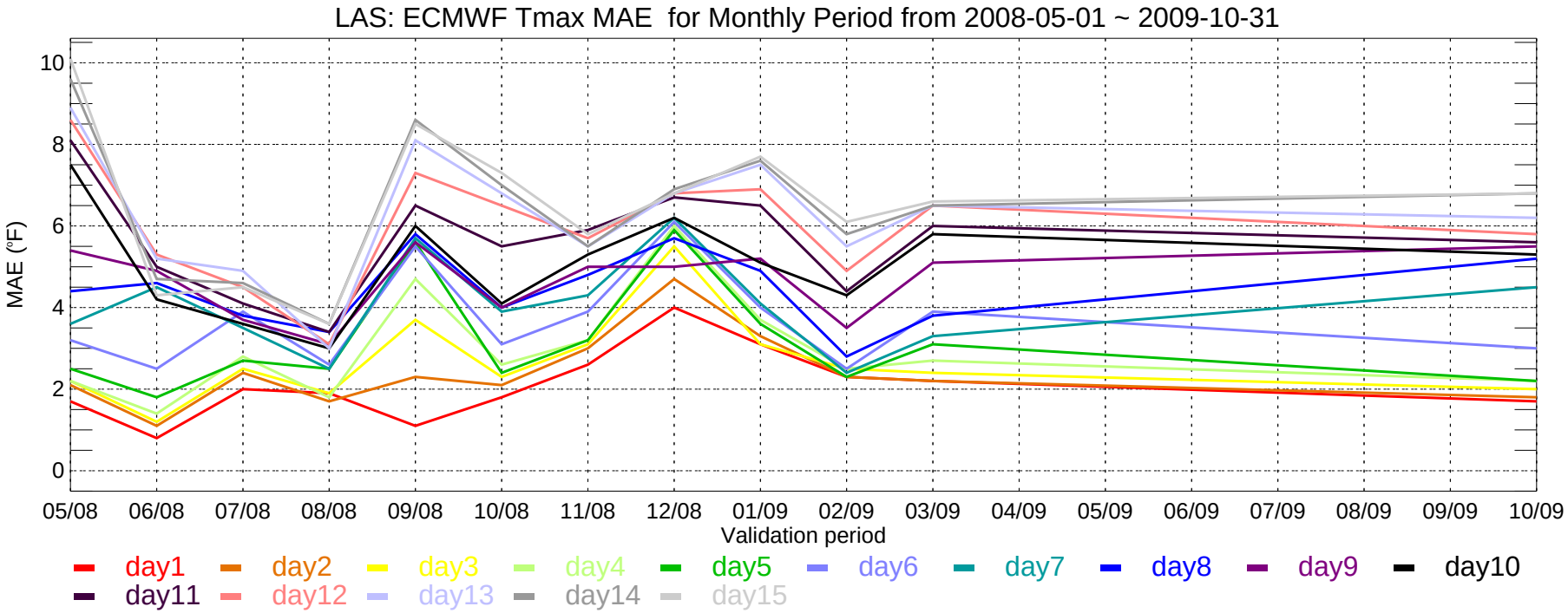
LAS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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10/09
Validation period
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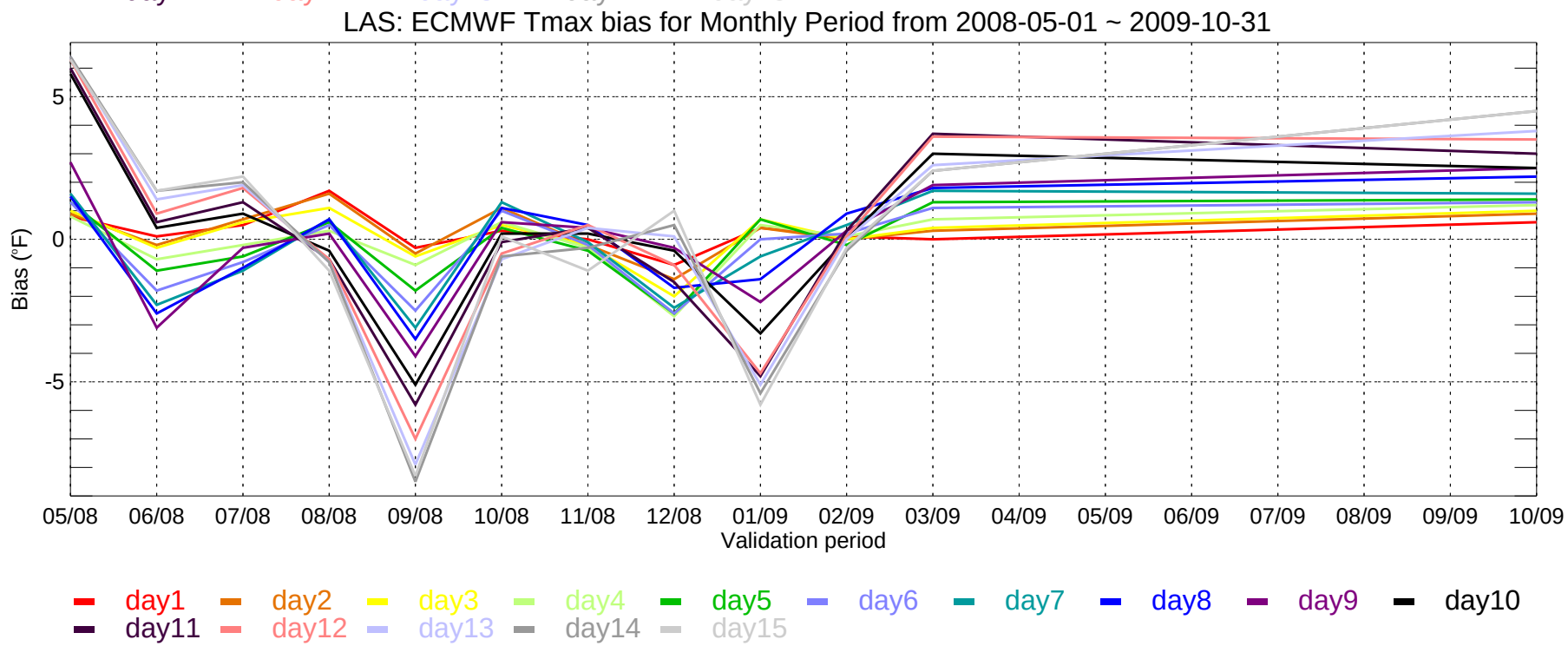
LAS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
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05/08
06/08
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10/08
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01/09
02/09
03/09
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Validation period
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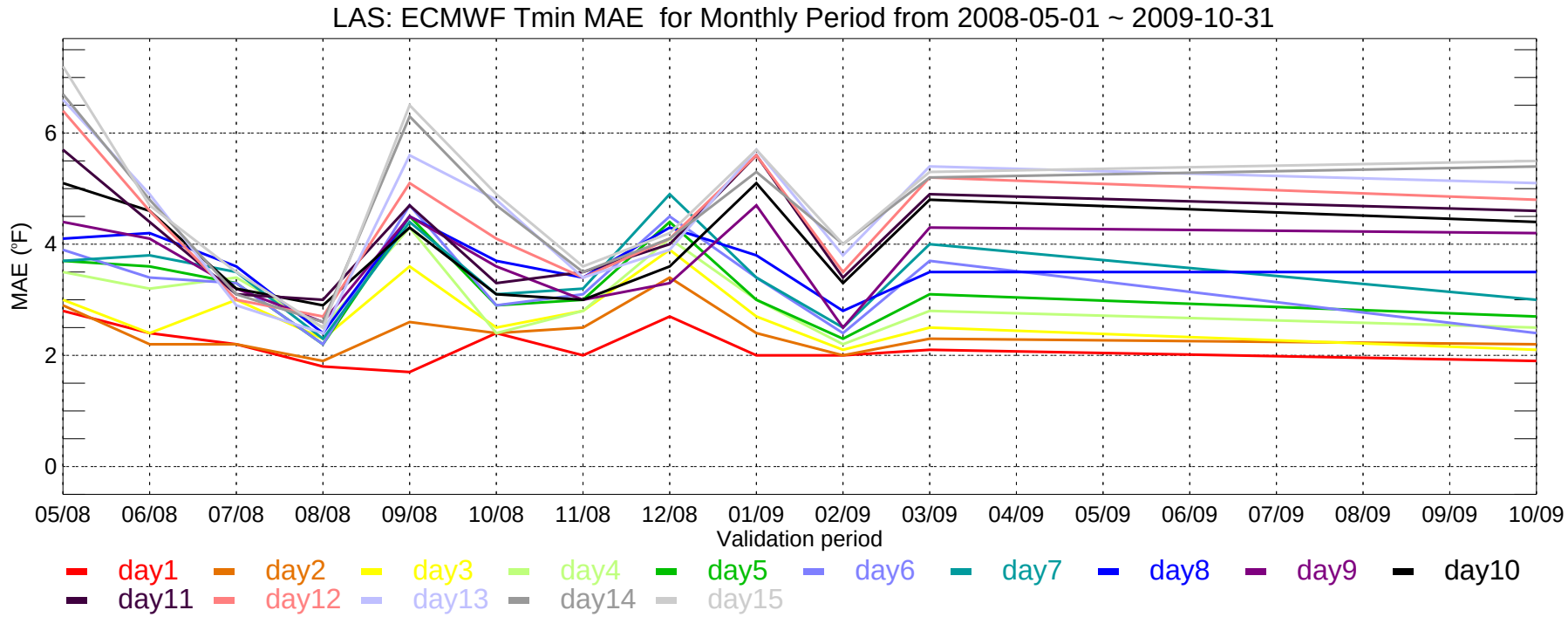
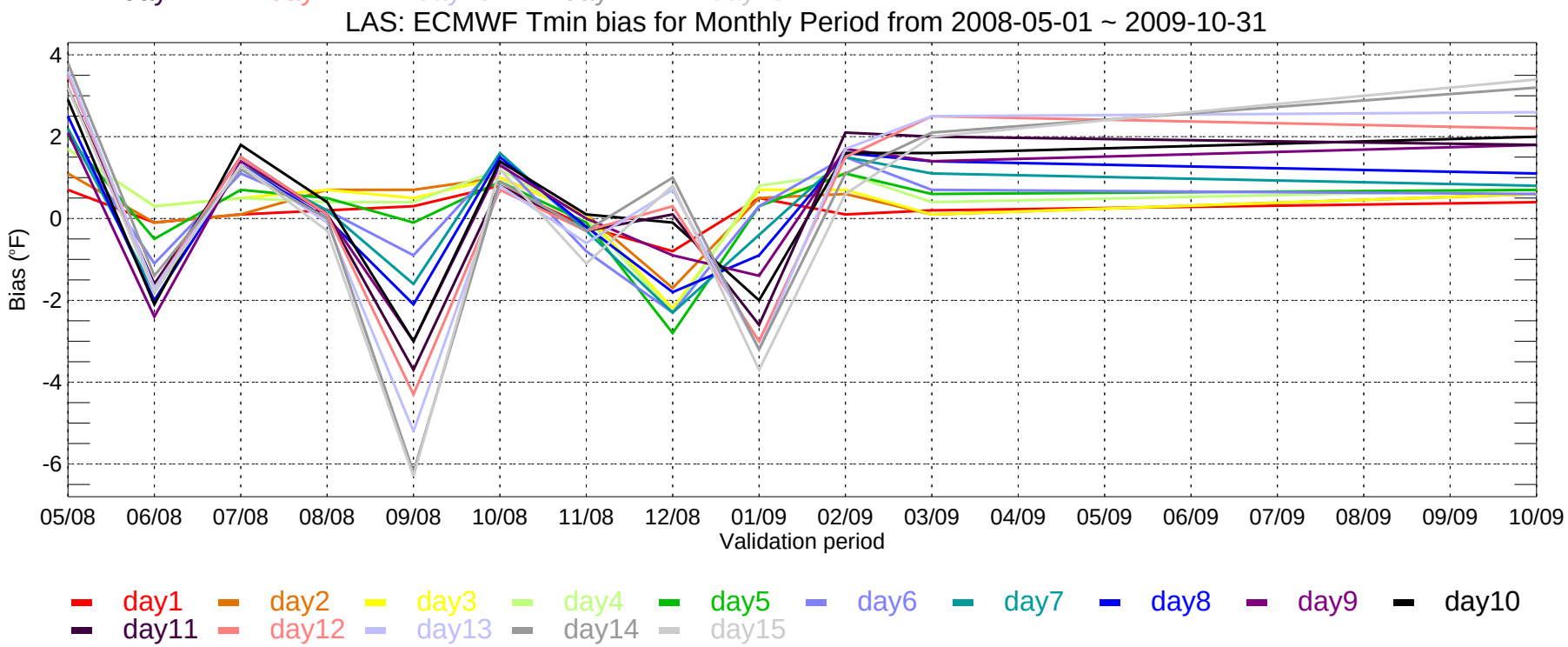
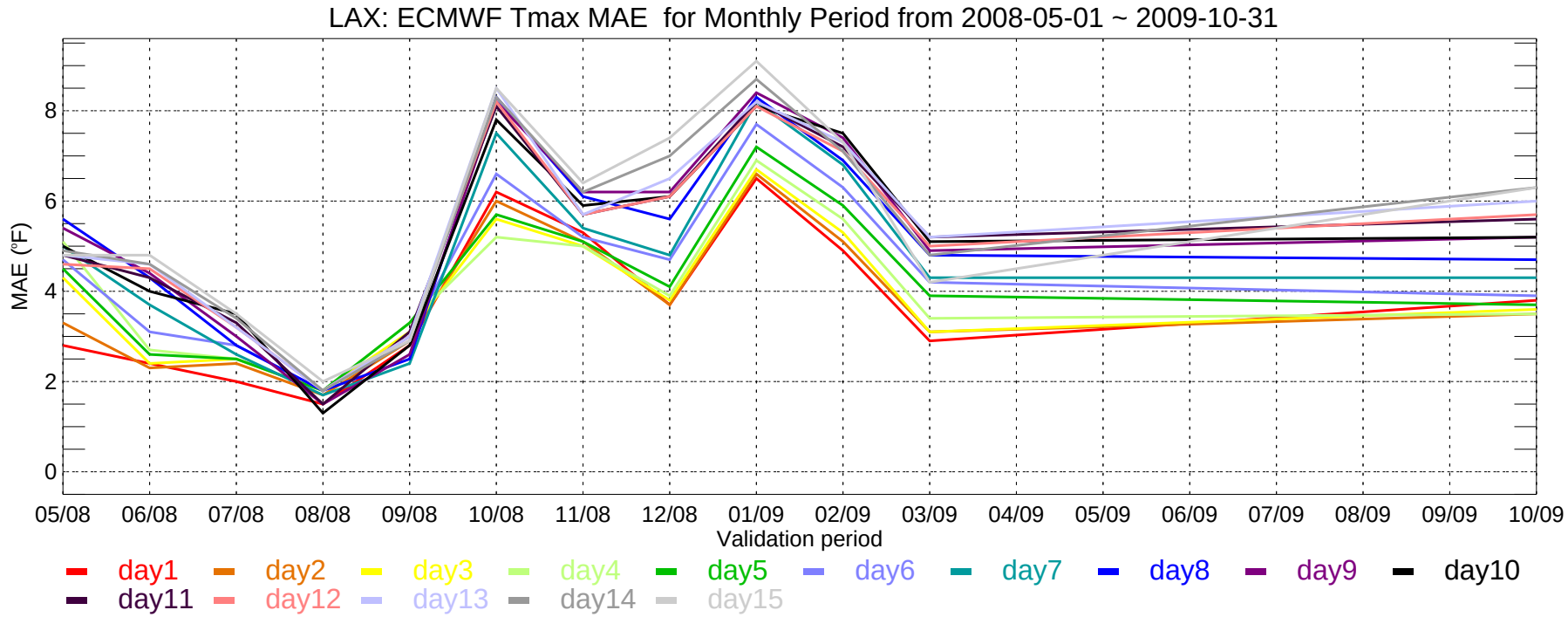
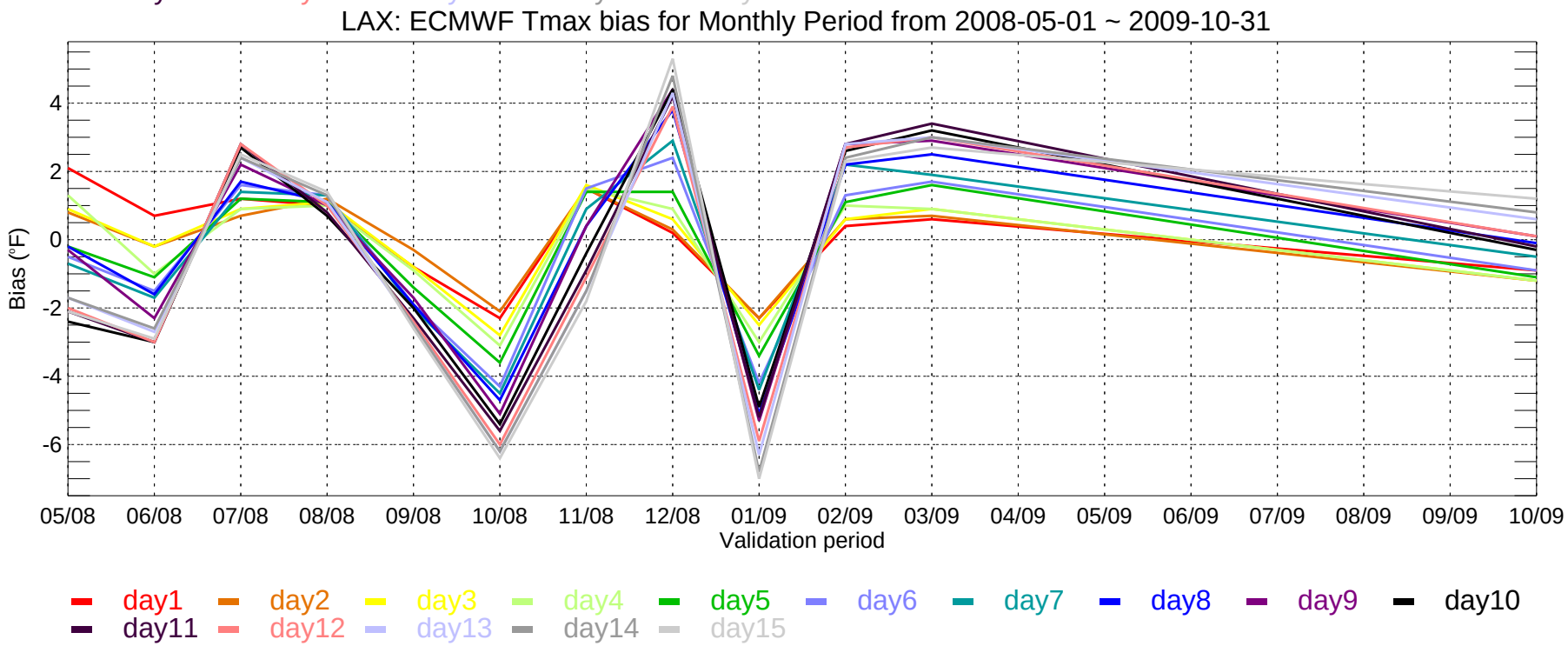
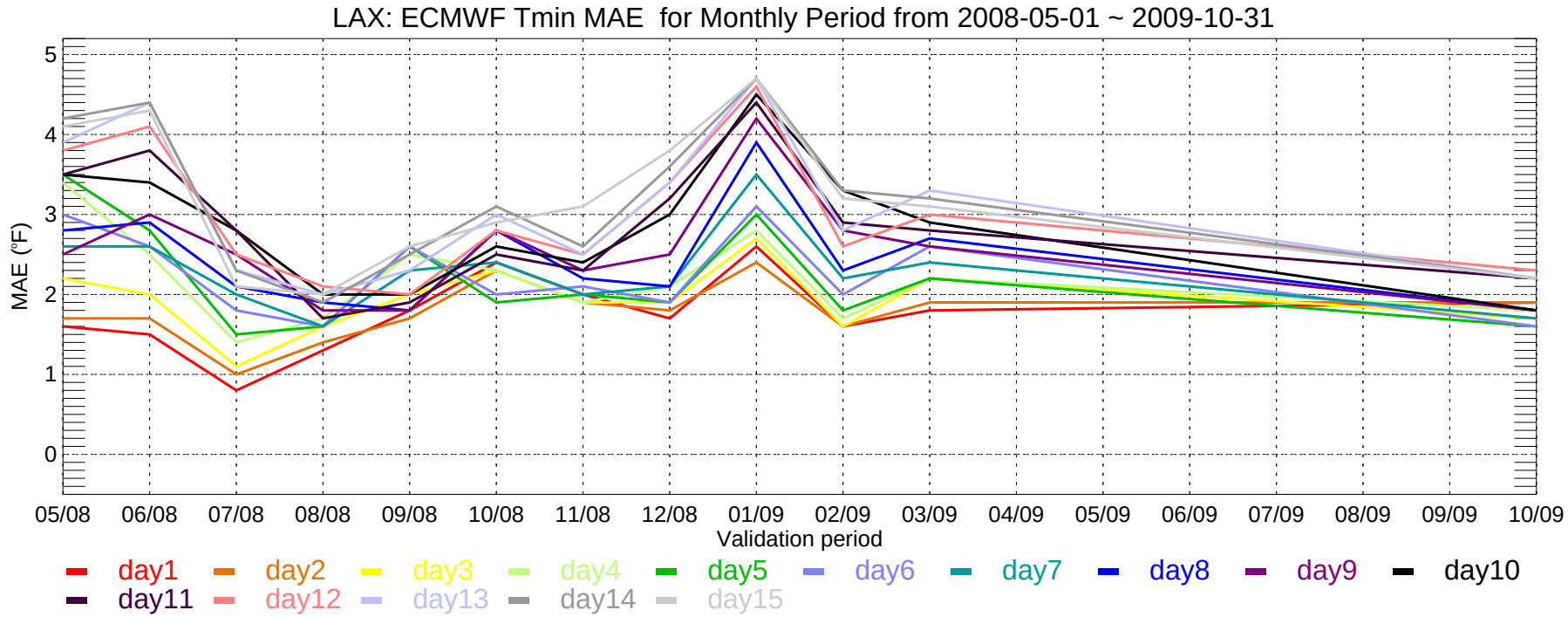
day14
day15

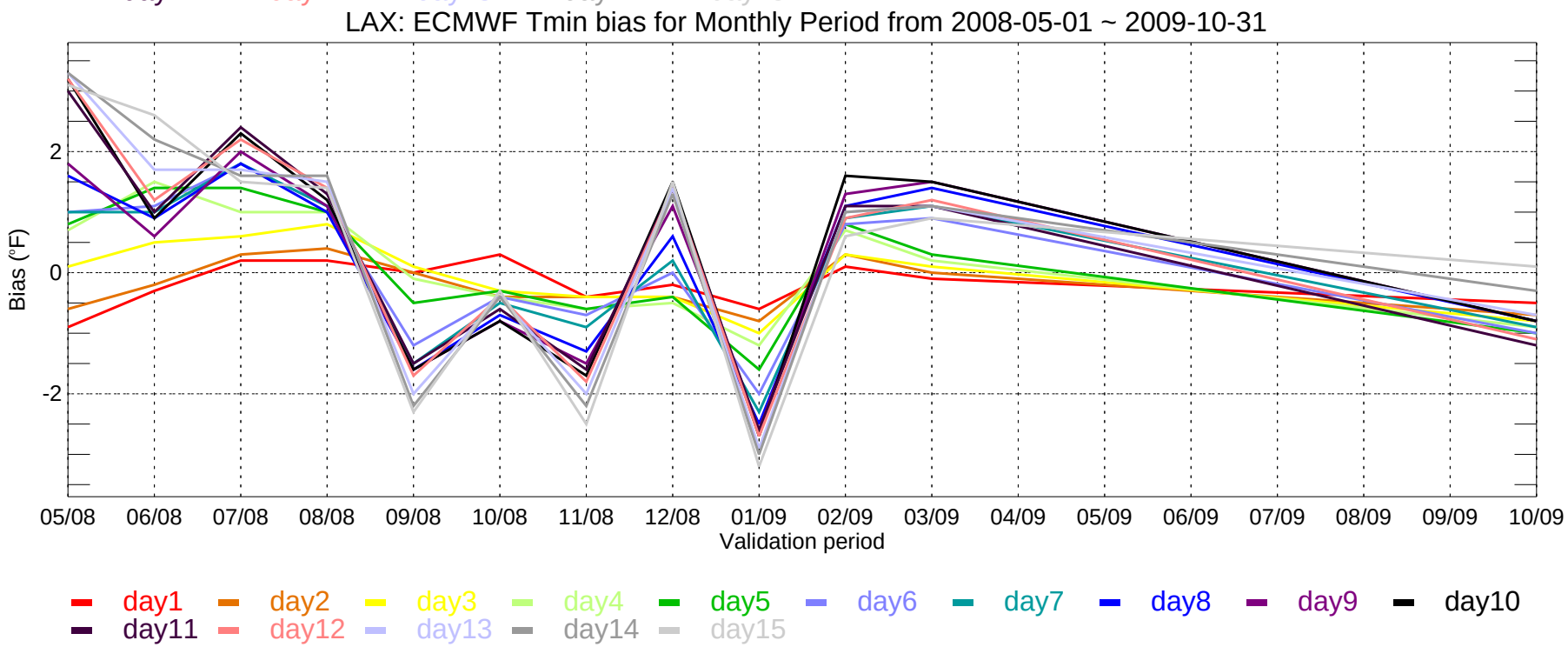

LAS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

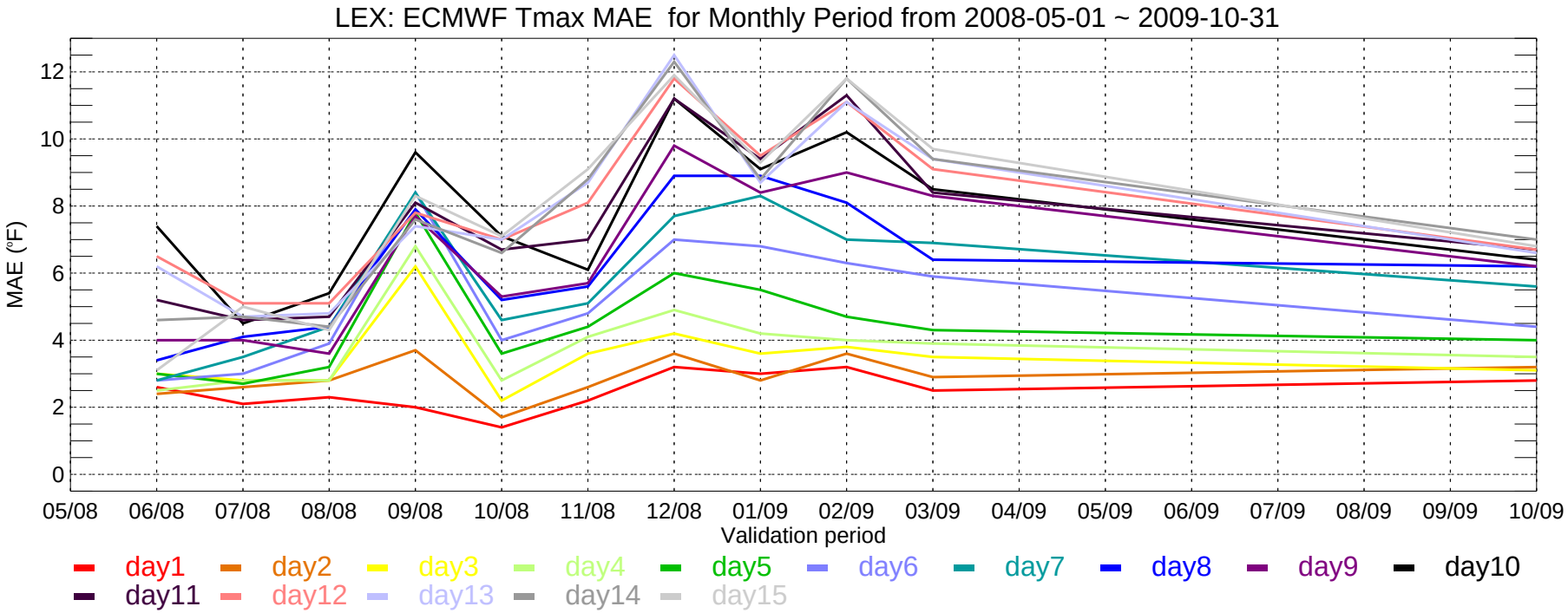

LAS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LAX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LAX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LAX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
5
4
3
2
1
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LAX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LEX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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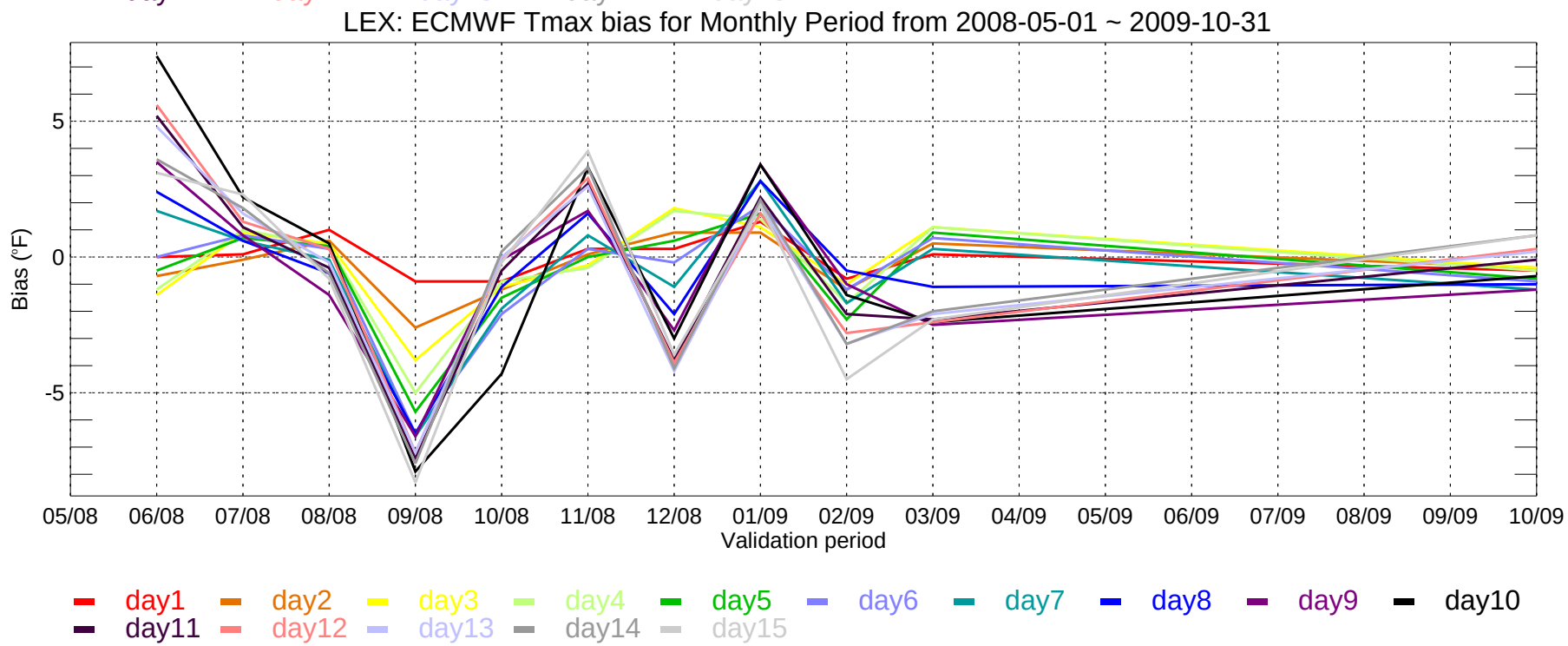
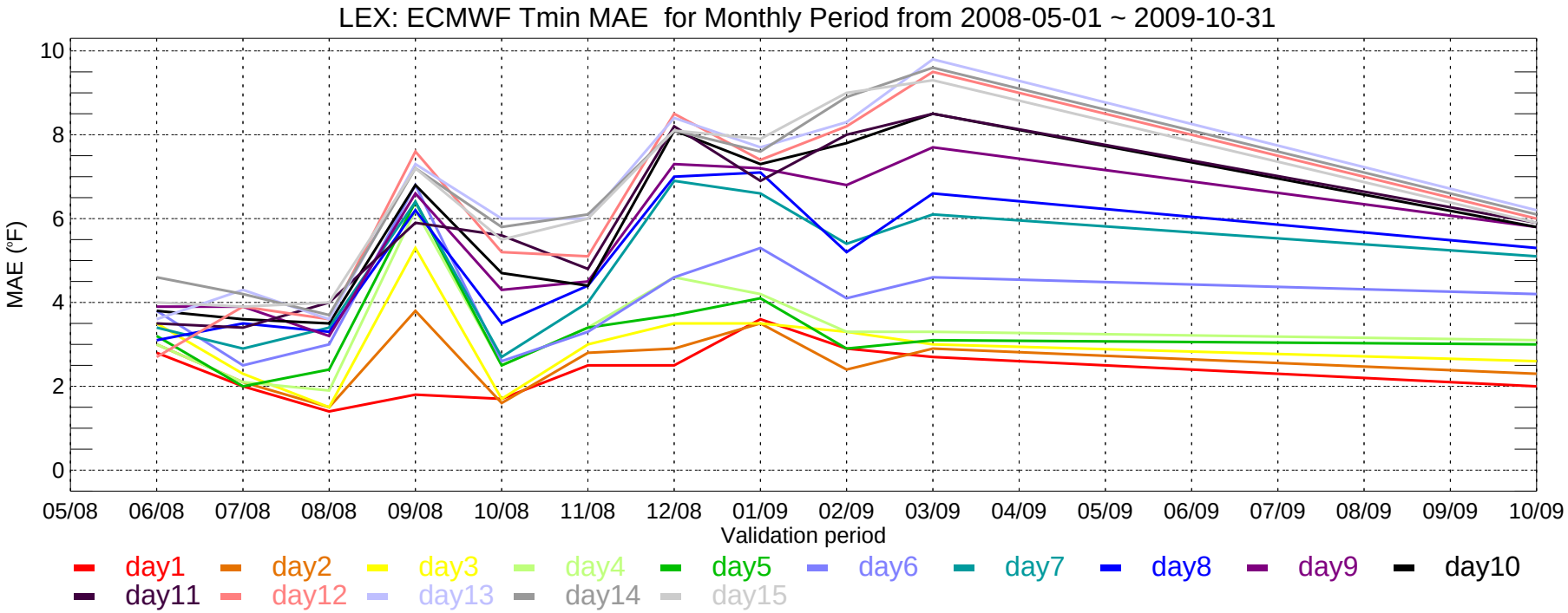
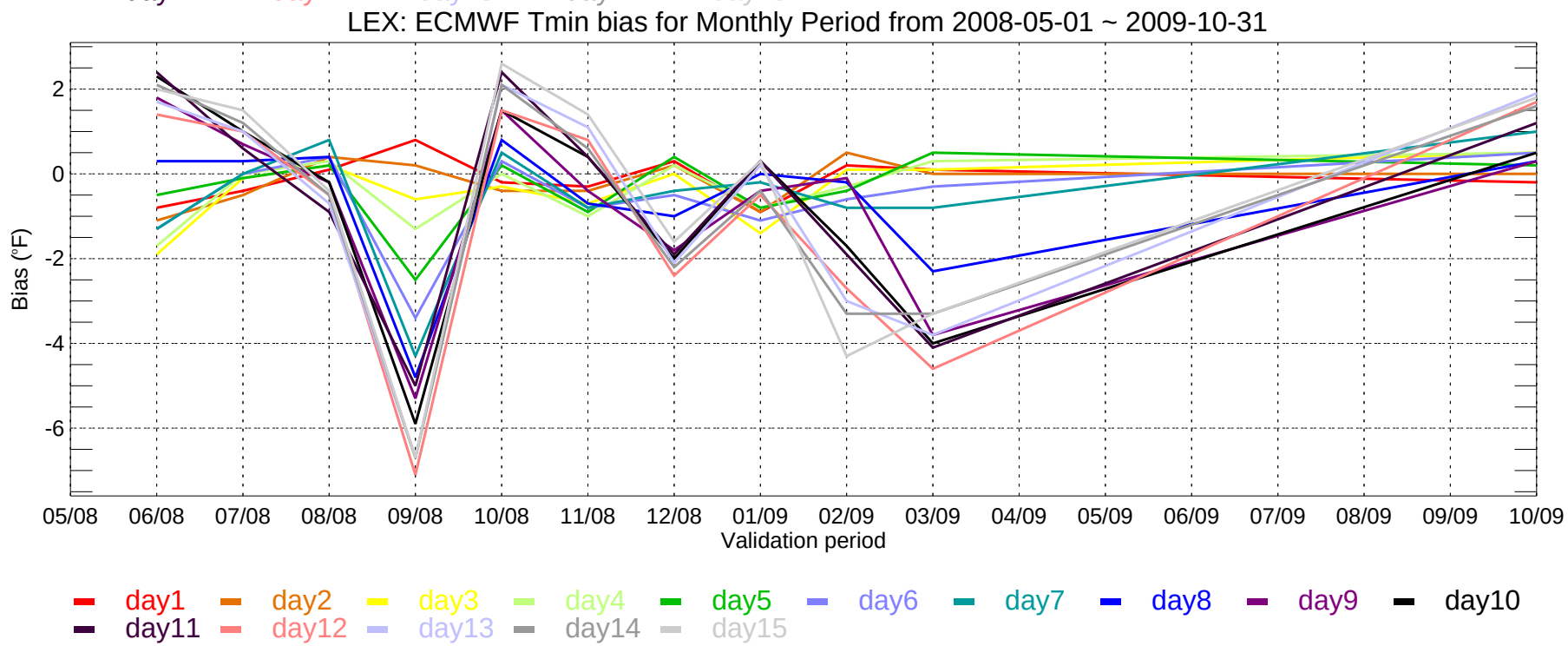
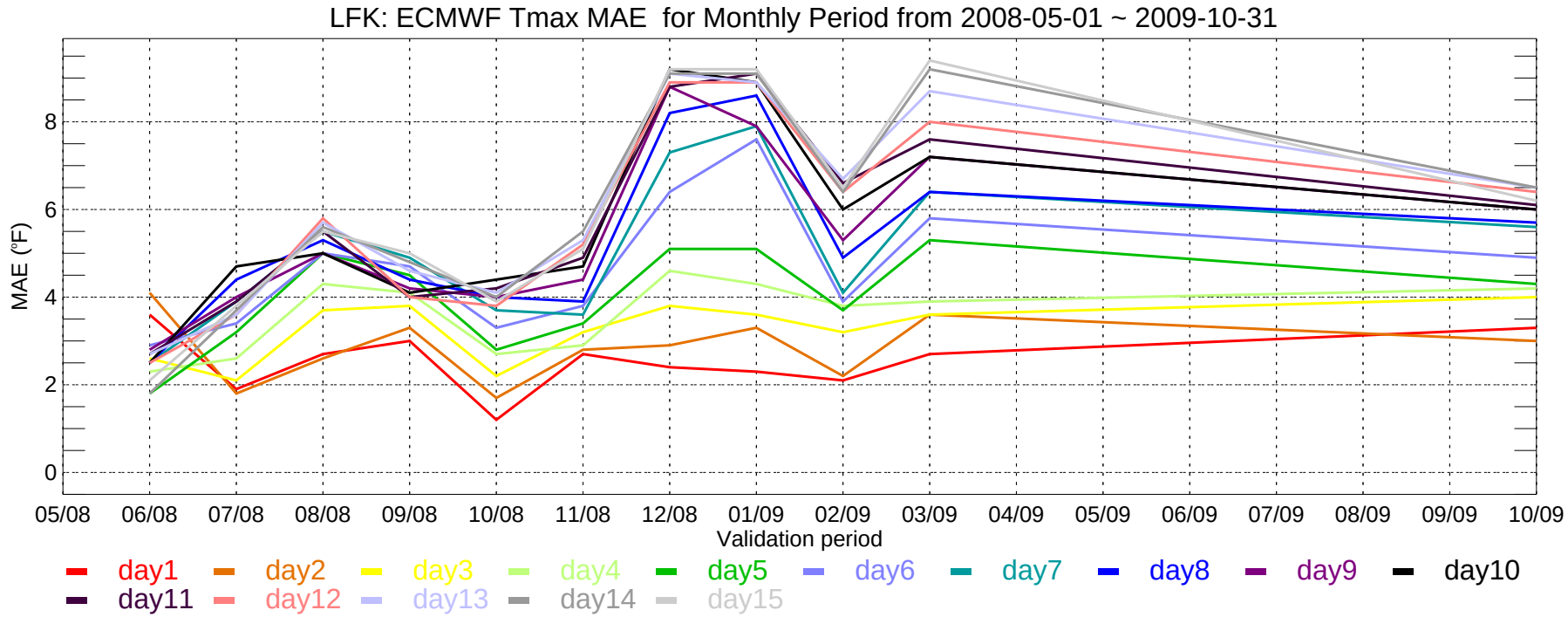
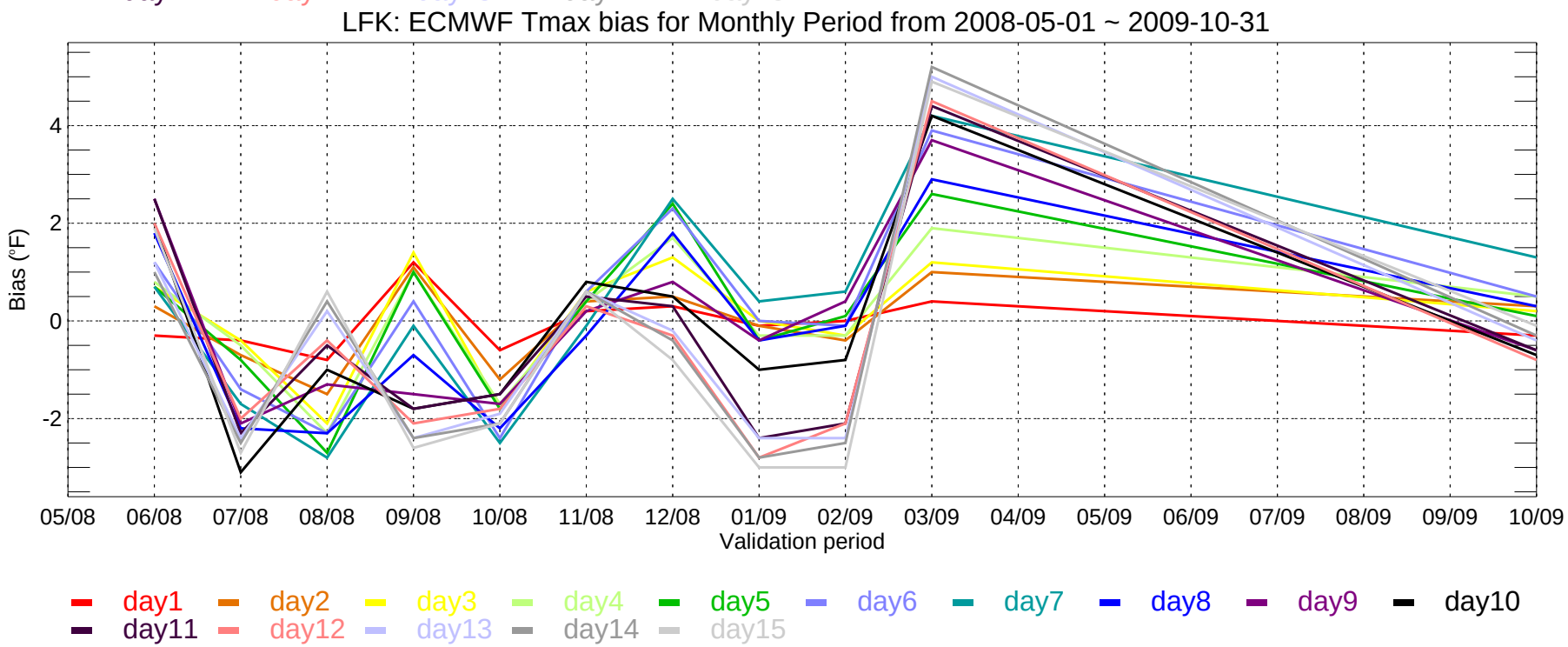
day10
day11
day12
day13
day14
day15


LEX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LEX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LEX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LFK: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LFK: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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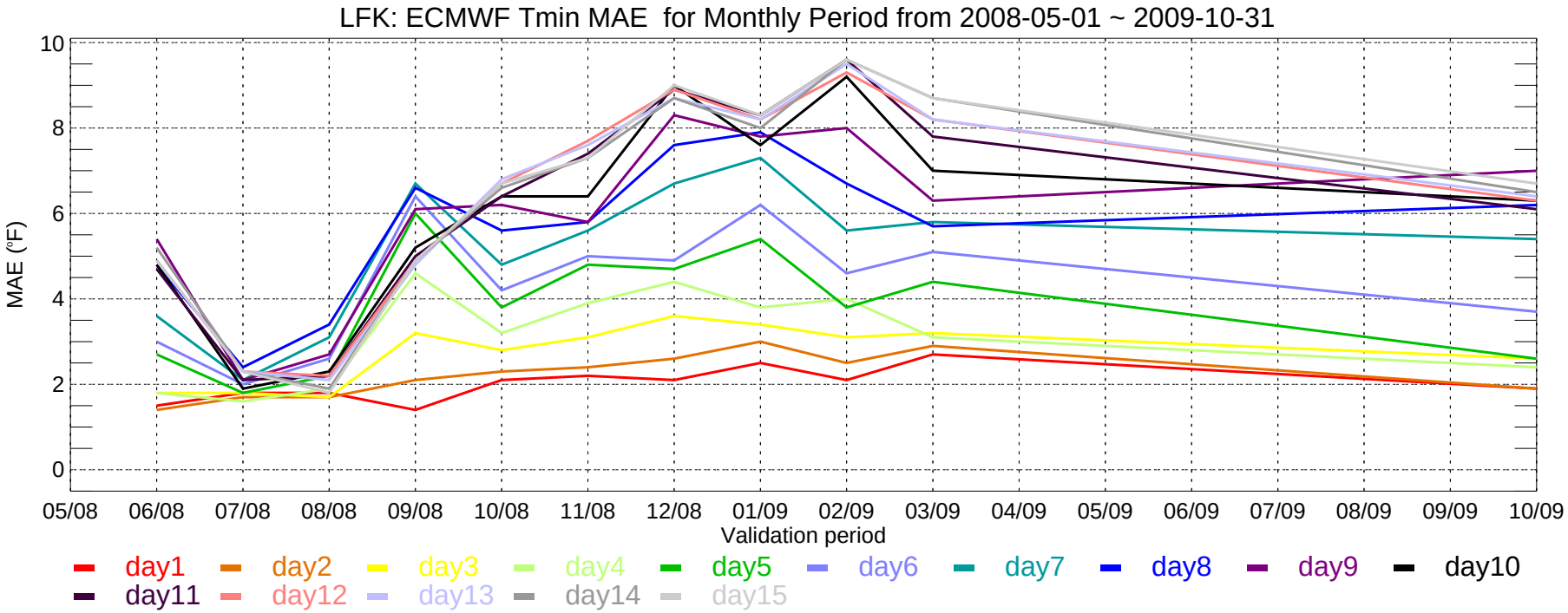
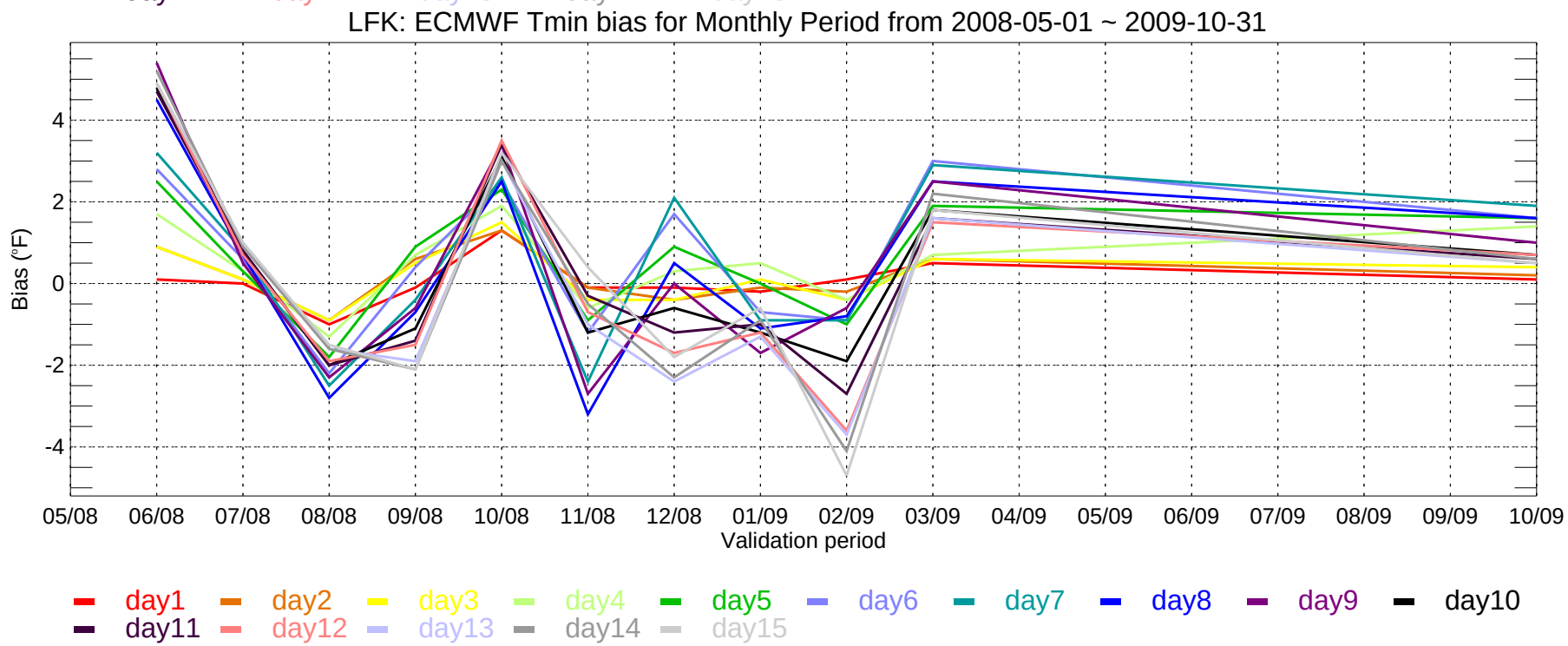
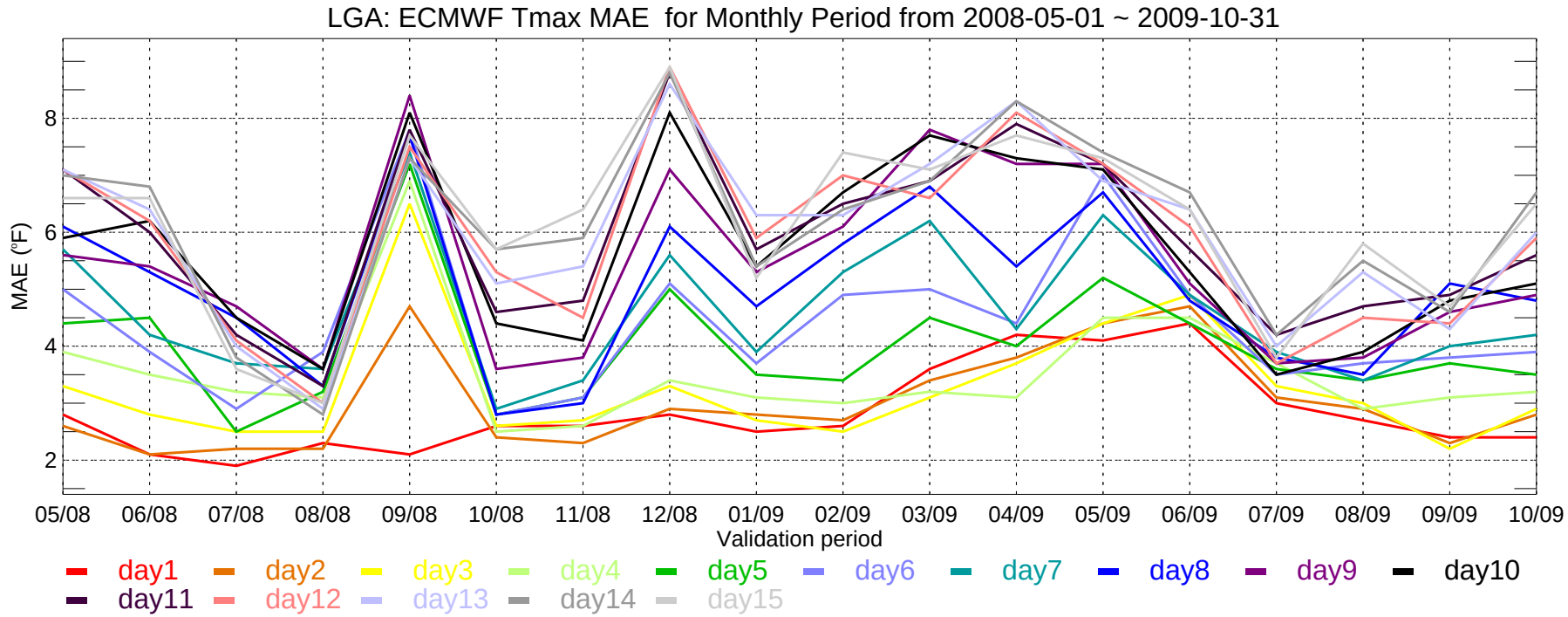
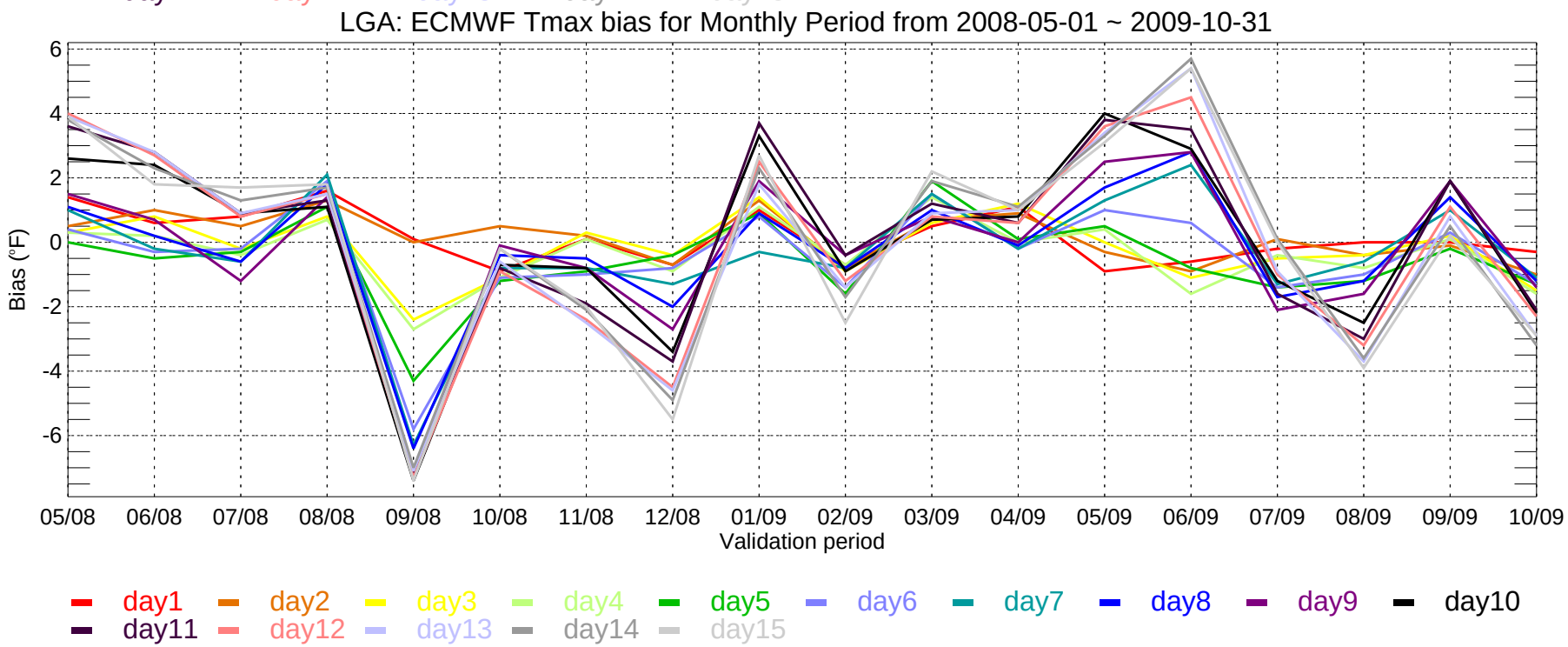
day10
day11
day12
day13
day14
day15


LFK: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LFK: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LGA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


LGA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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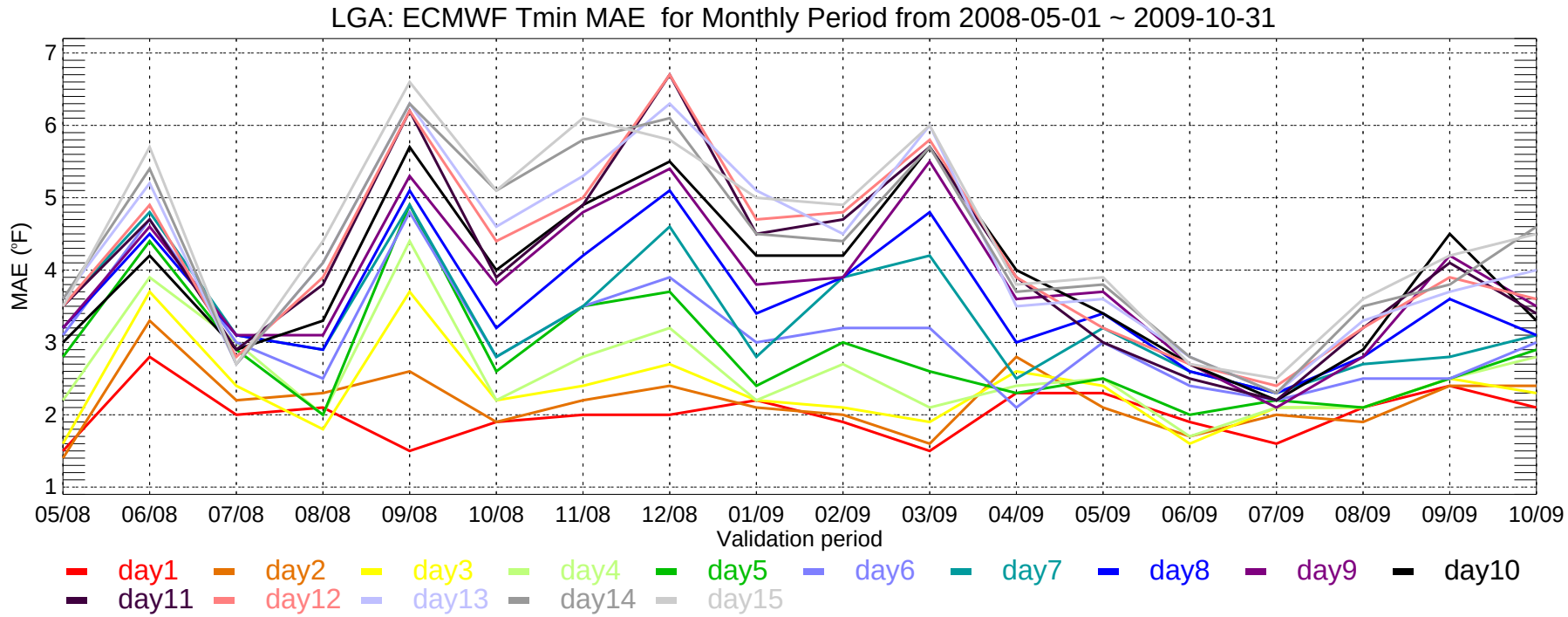
day10
day11
day12
day13
day14
day15


LGA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
7
6
5
4
3
2
1
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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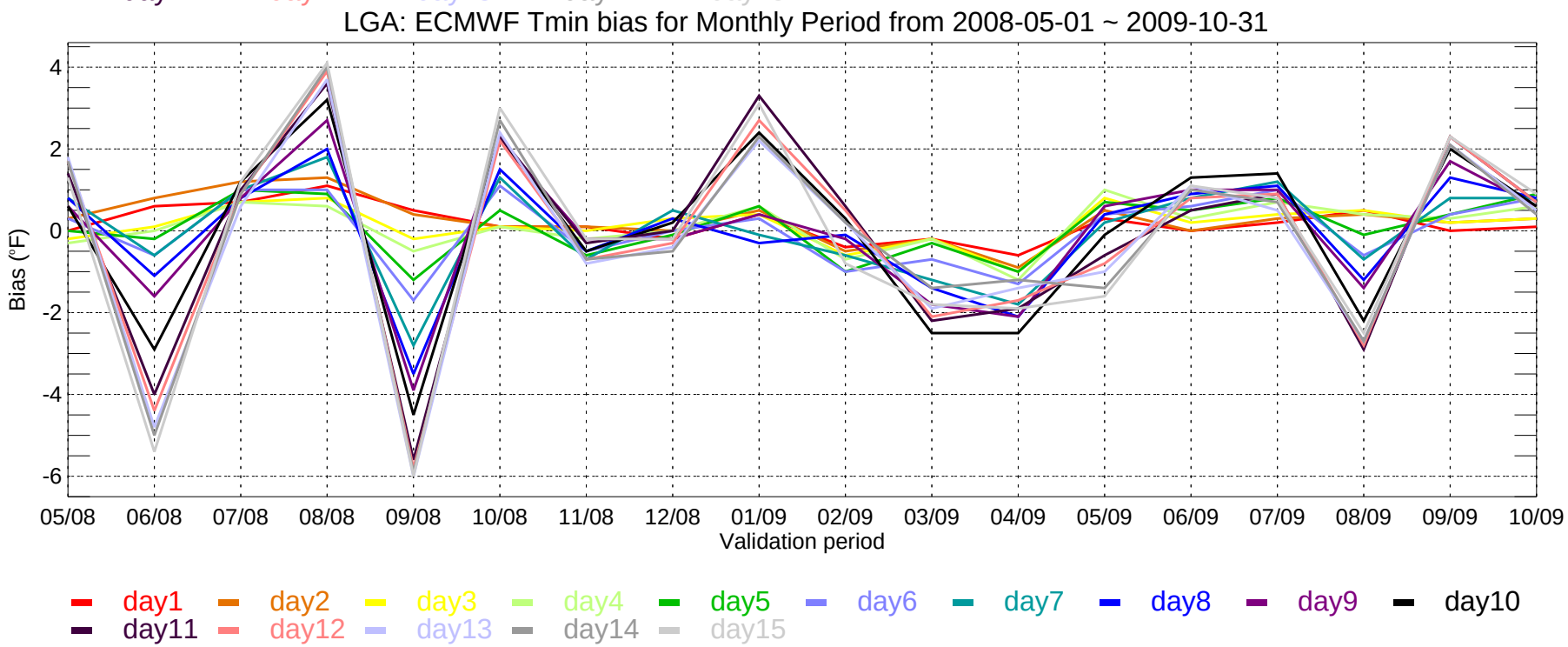
day11
day12
day13
day14
day15


LGA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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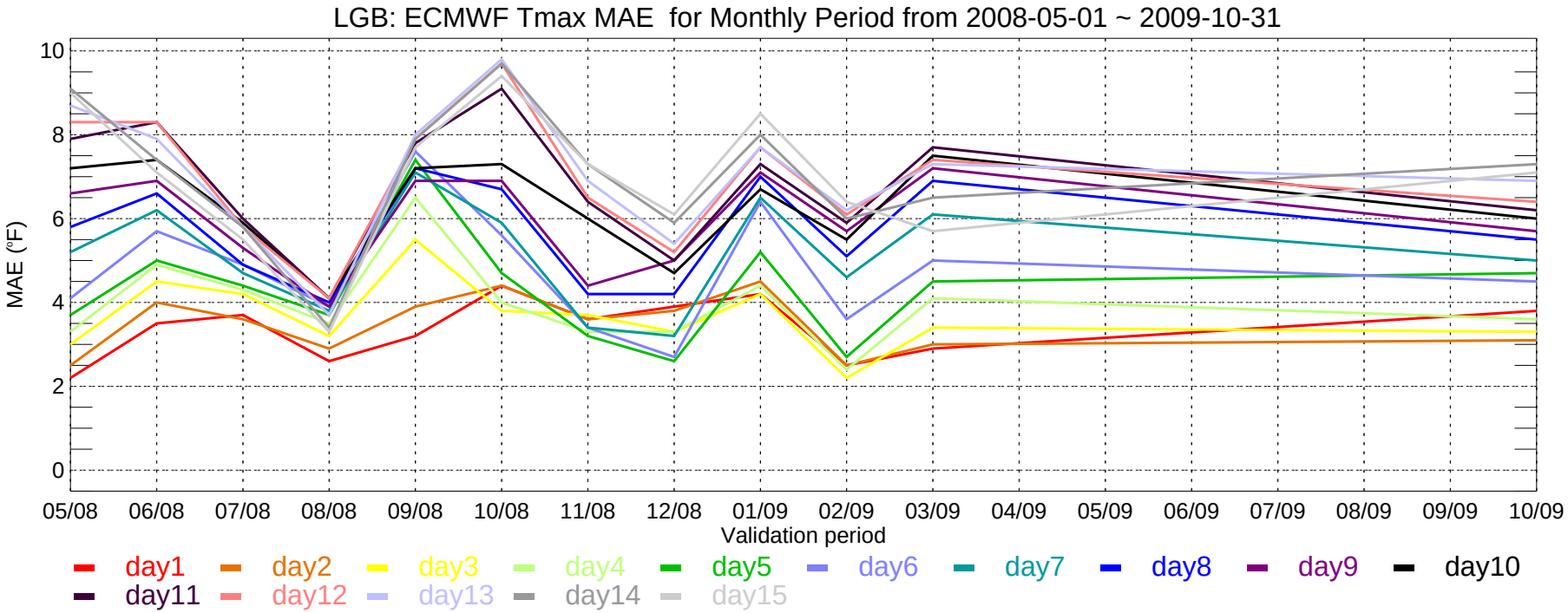
day10
day11
day12
day13
day14
day15


LGB: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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day11
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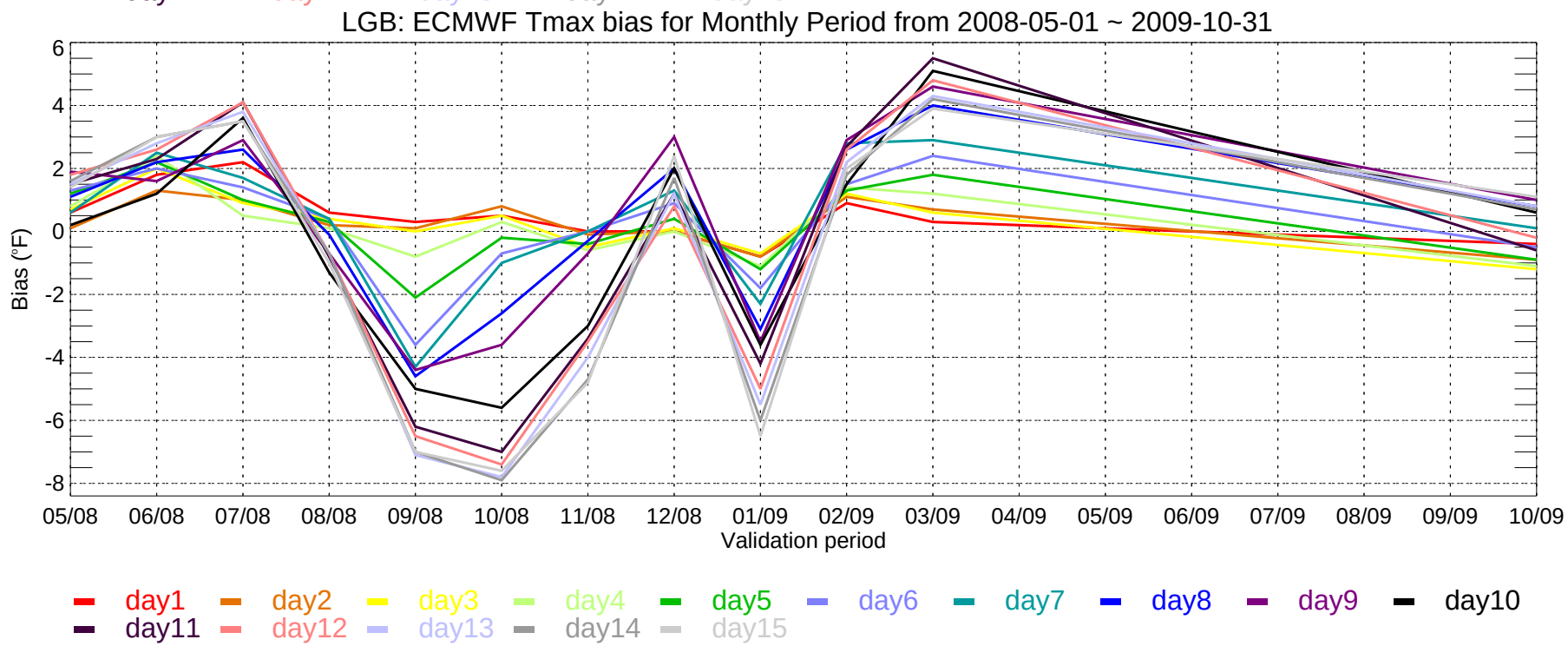
day13
day14
day15


LGB: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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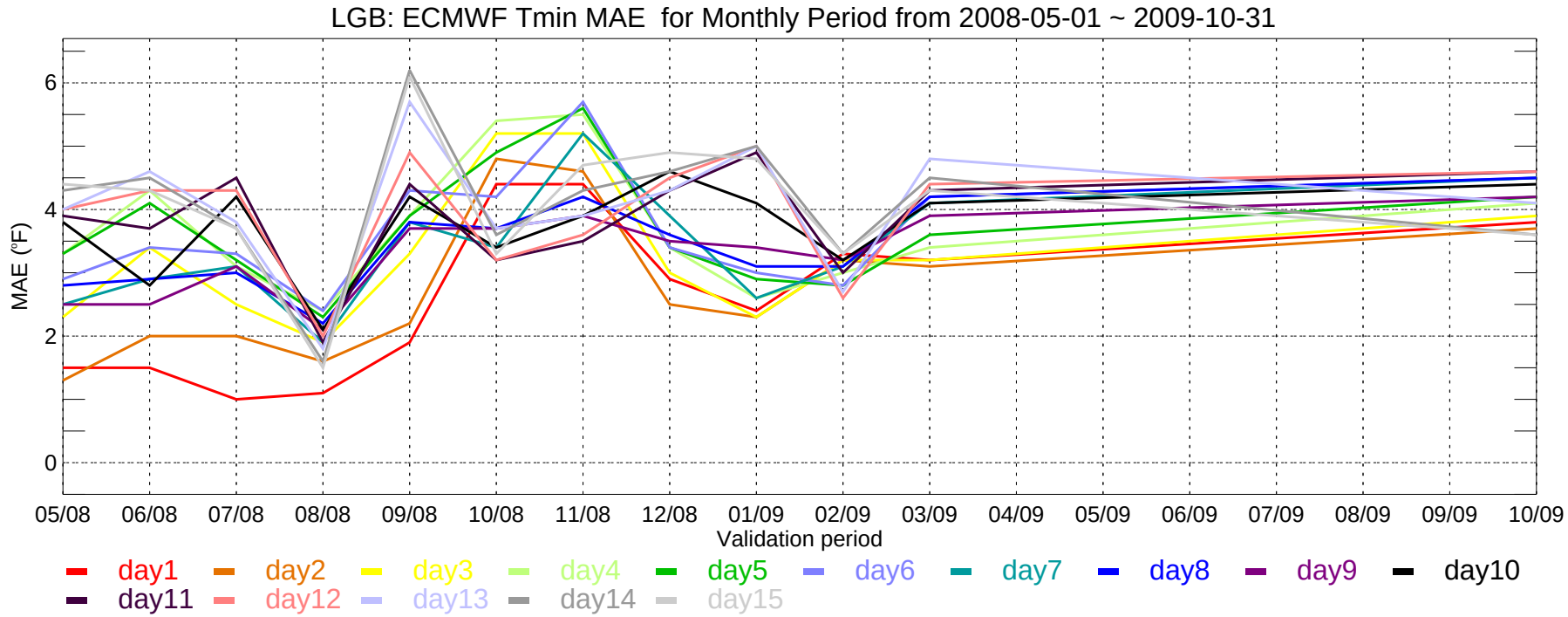
day12
day13
day14
day15


LGB: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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day11
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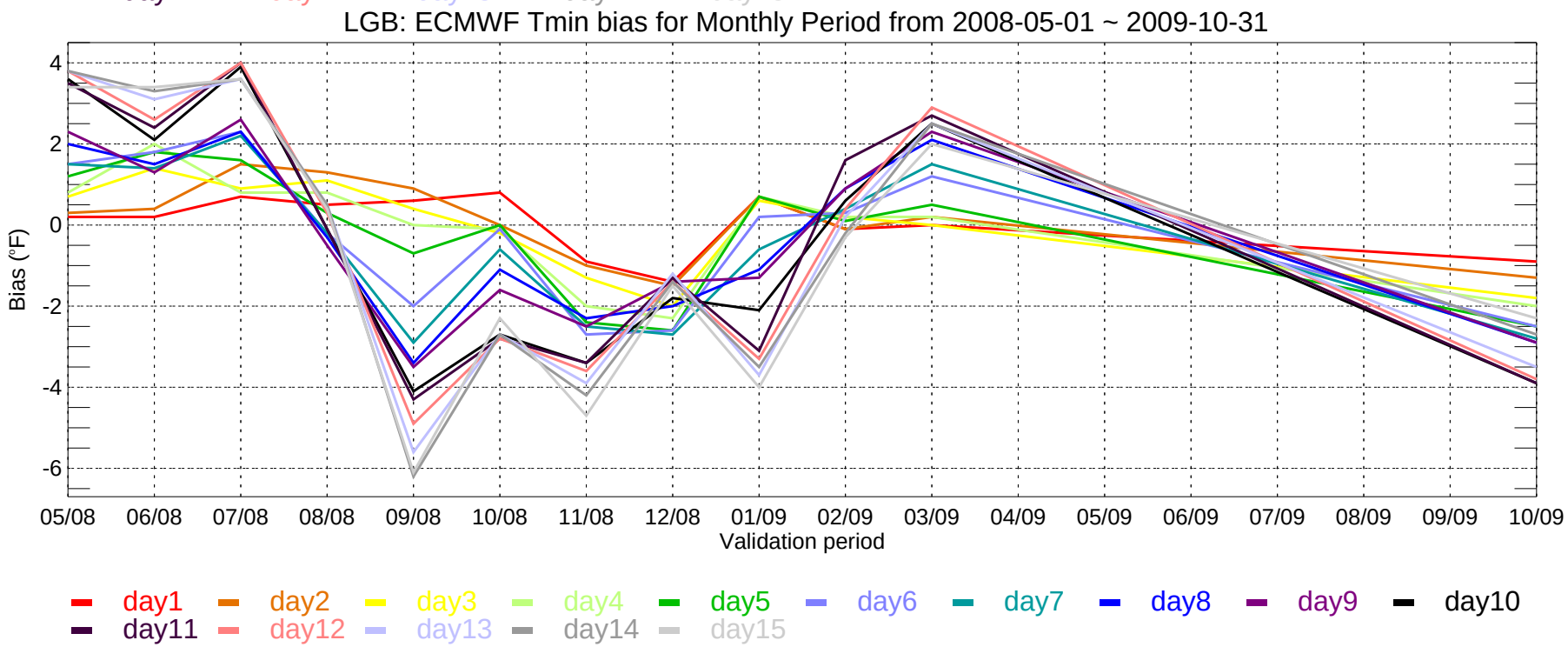
day13
day14
day15


LGB: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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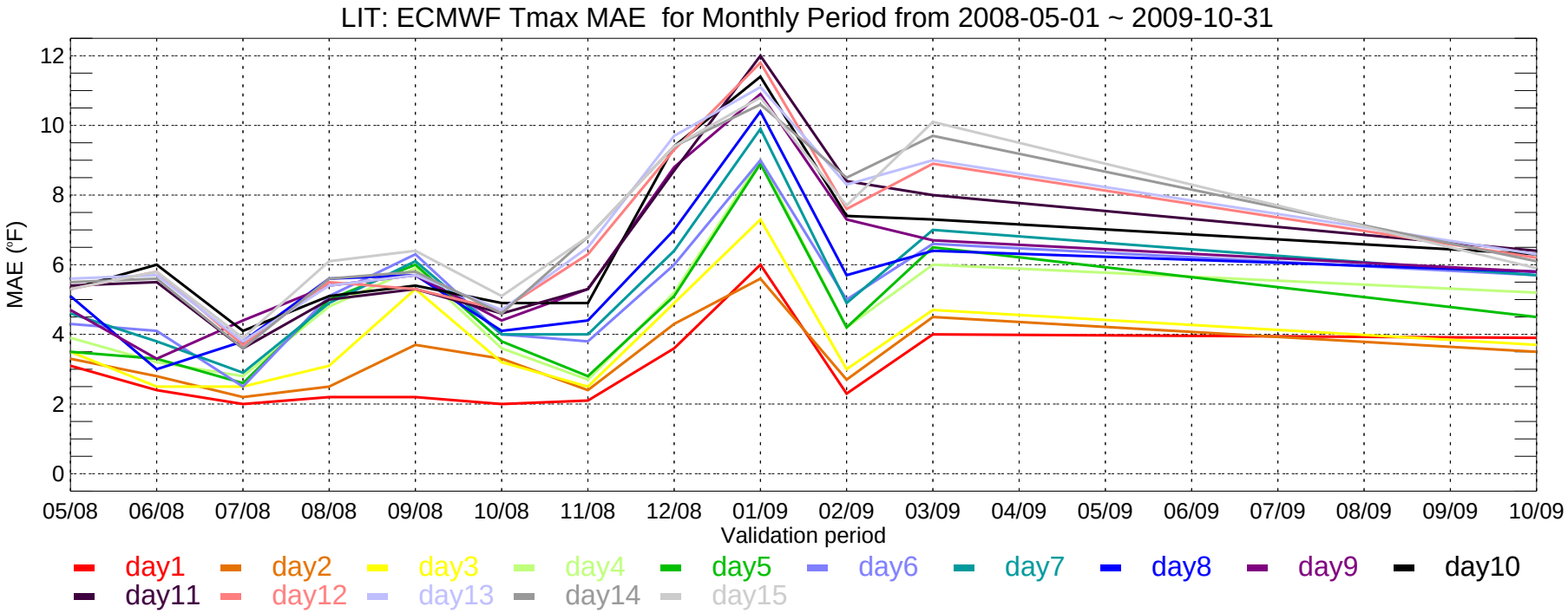
day14
day15


LIT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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day7
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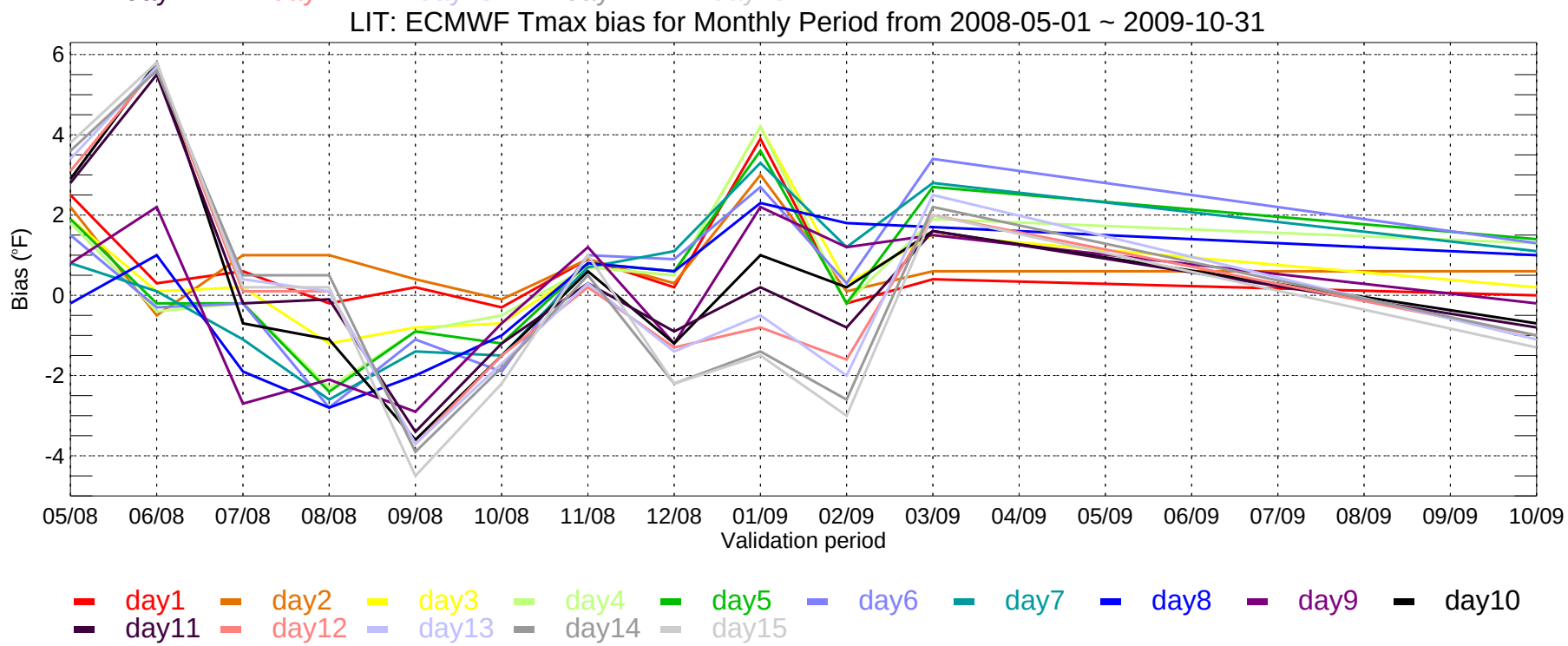
day14
day15


LIT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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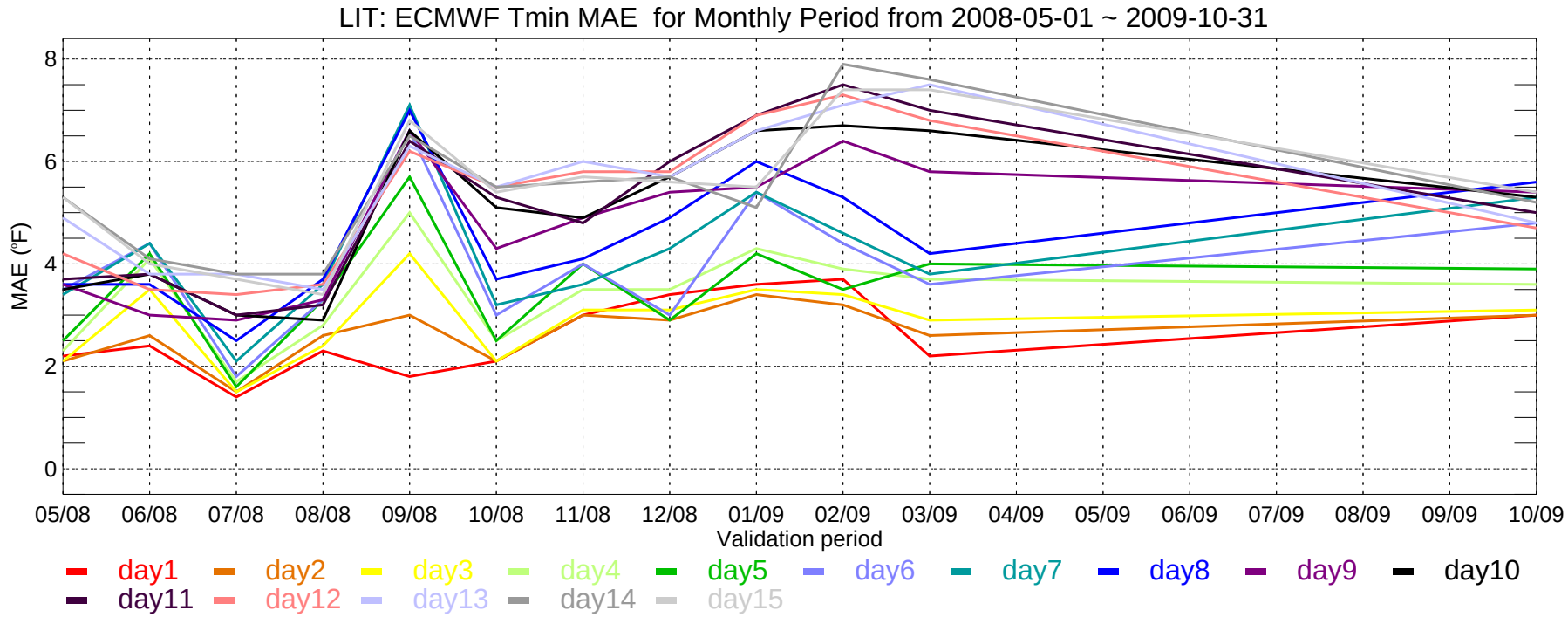
day14
day15


LIT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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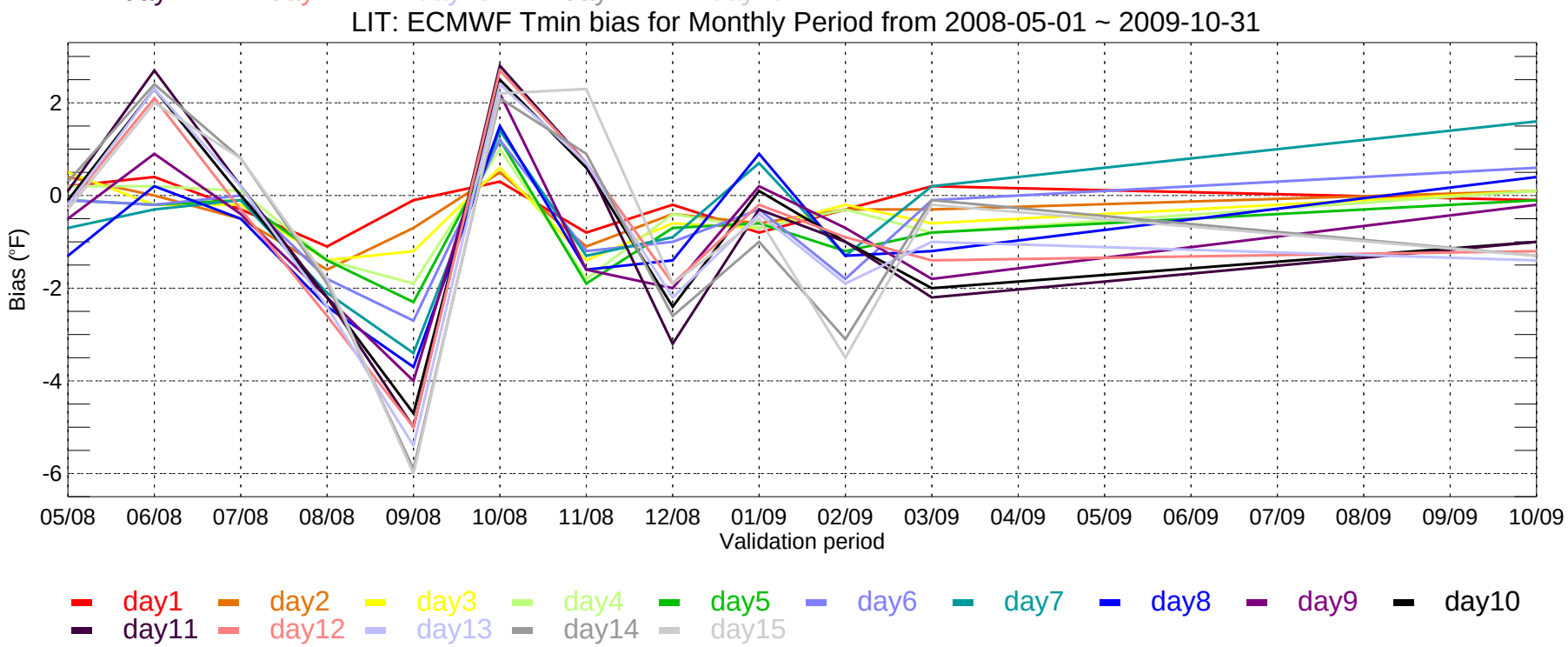
day14
day15


LIT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
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day11
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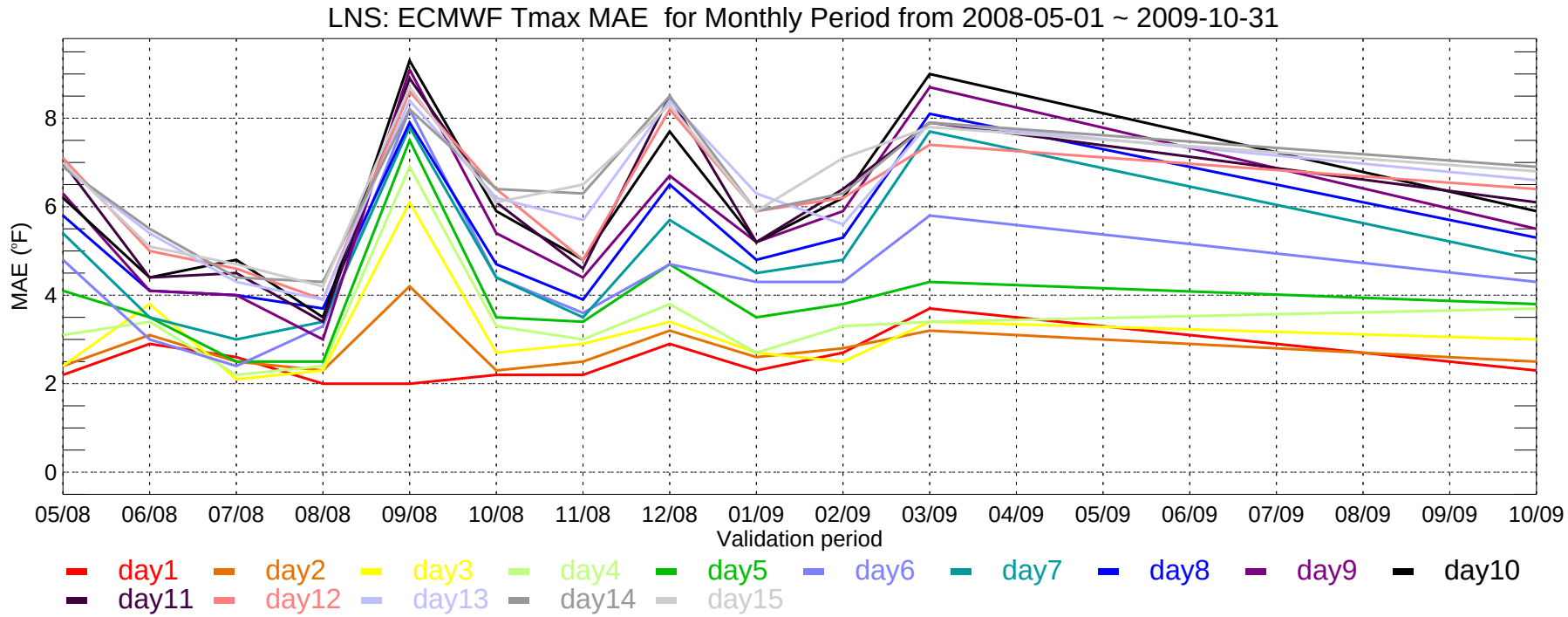
day13
day14
day15


LNS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
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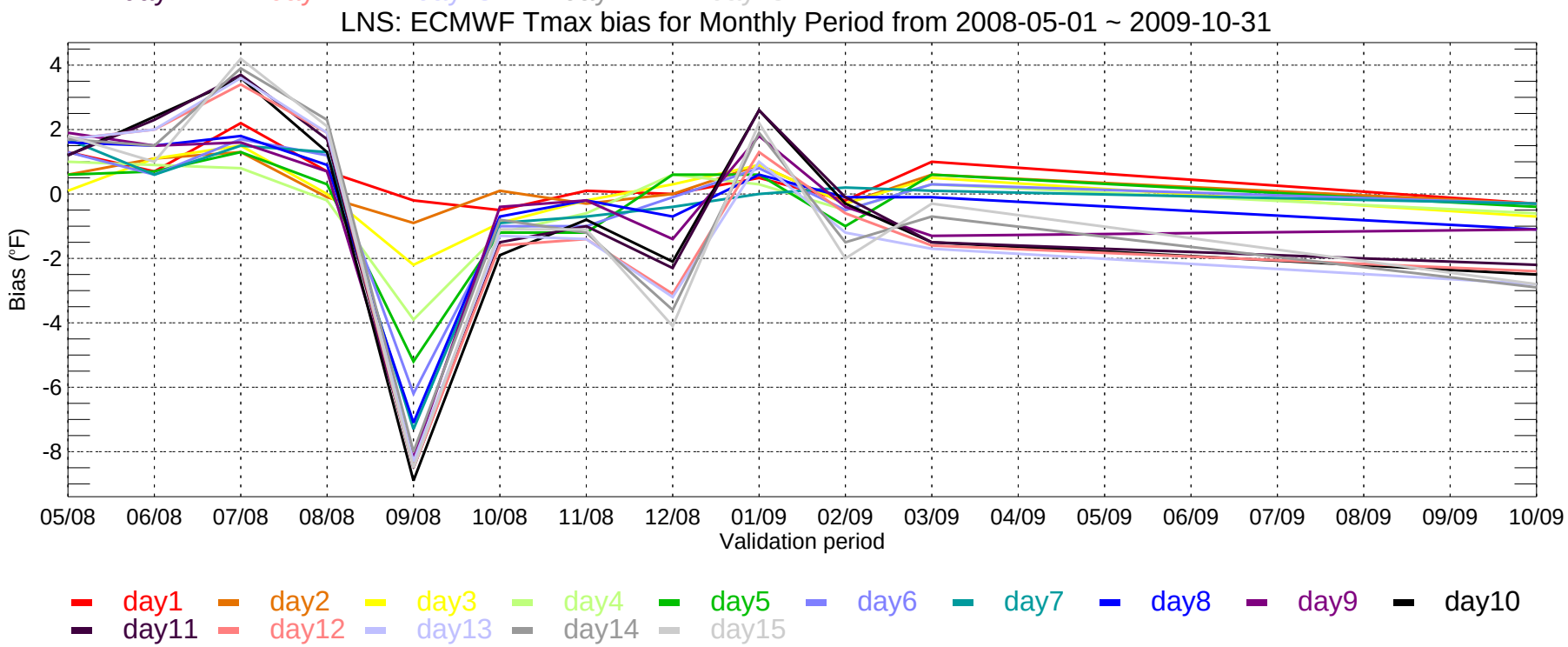
day13
day14
day15


LNS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
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day8
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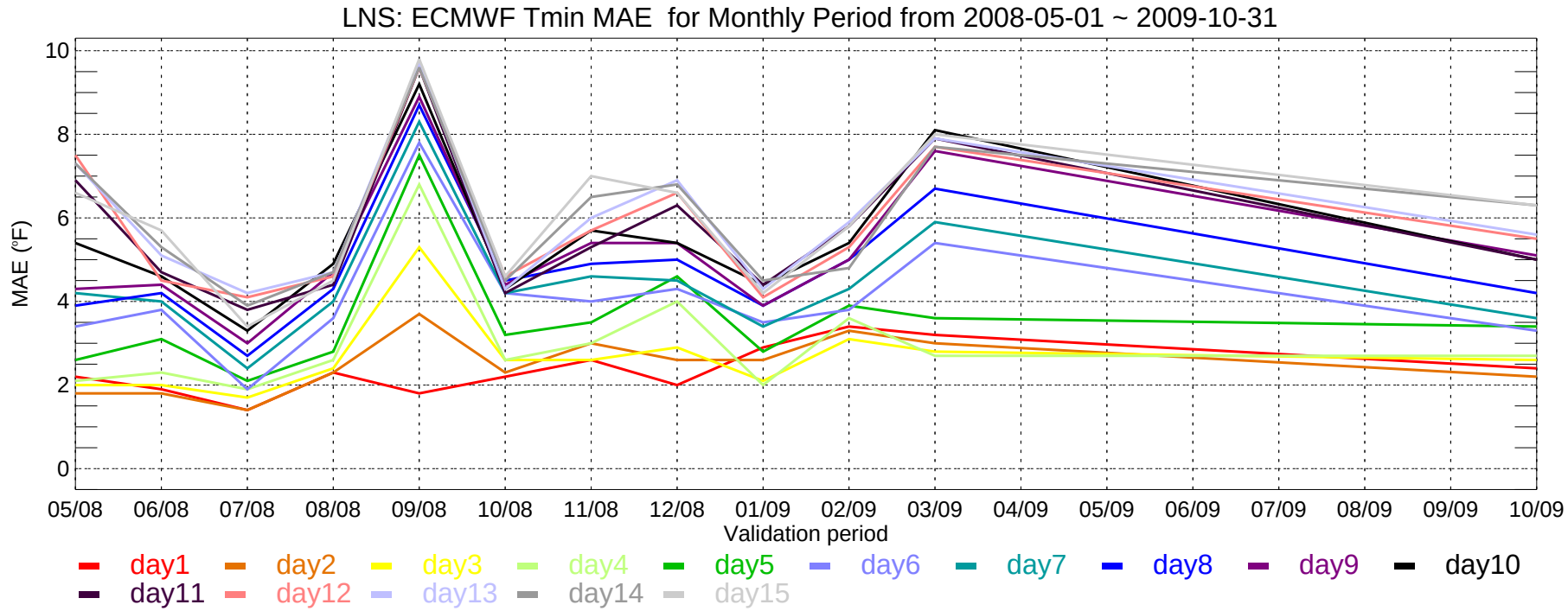
day13
day14
day15


LNS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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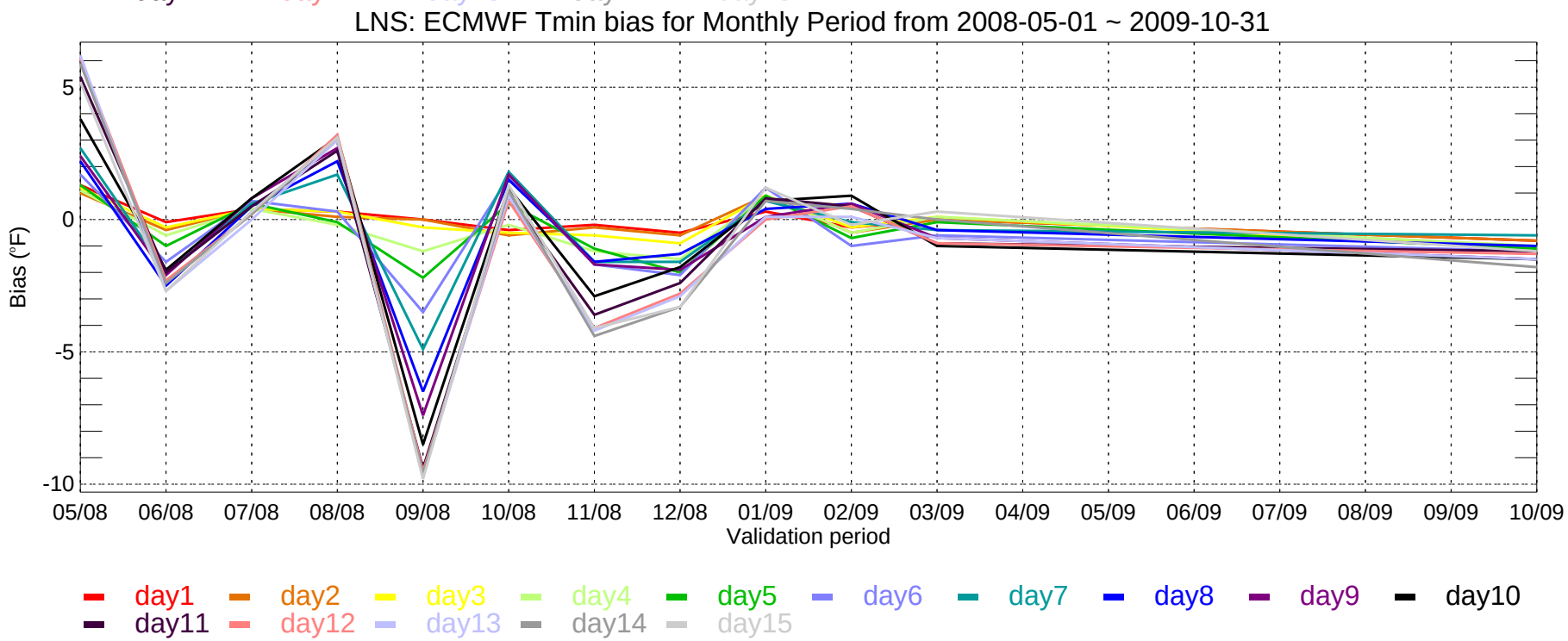
day15


LNS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
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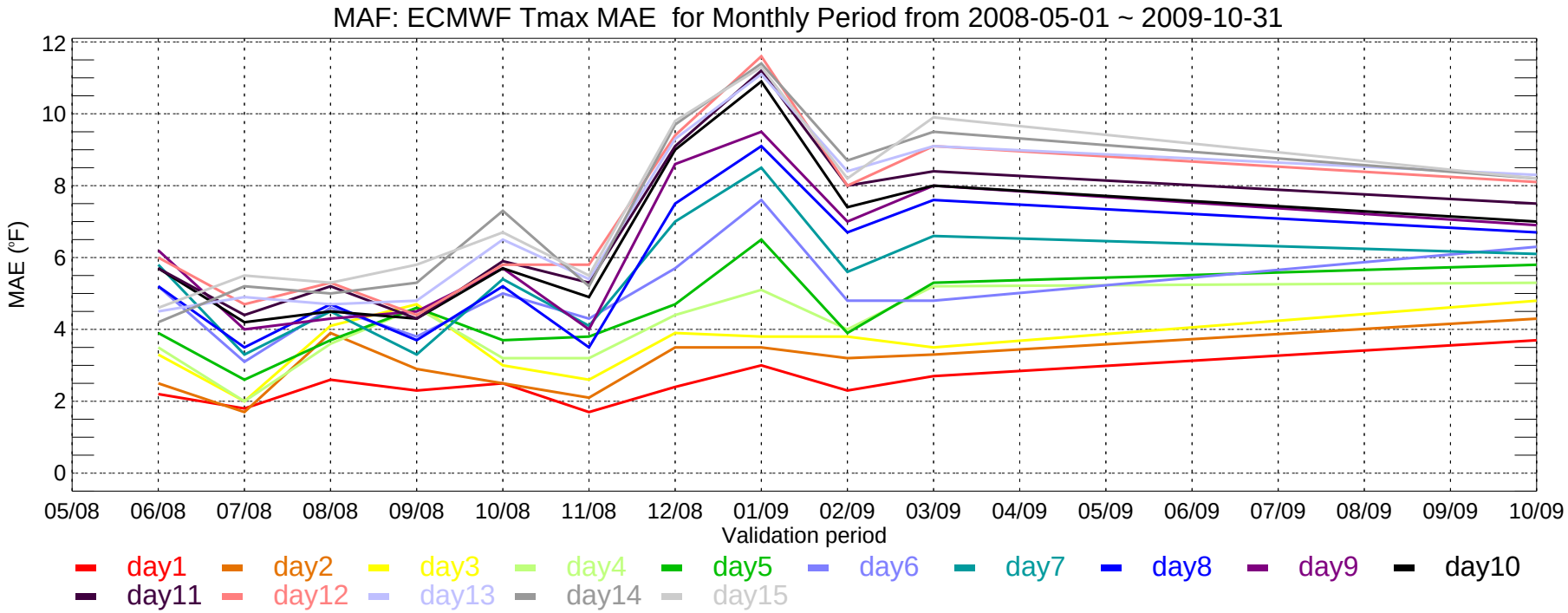
day14
day15


MAF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day11
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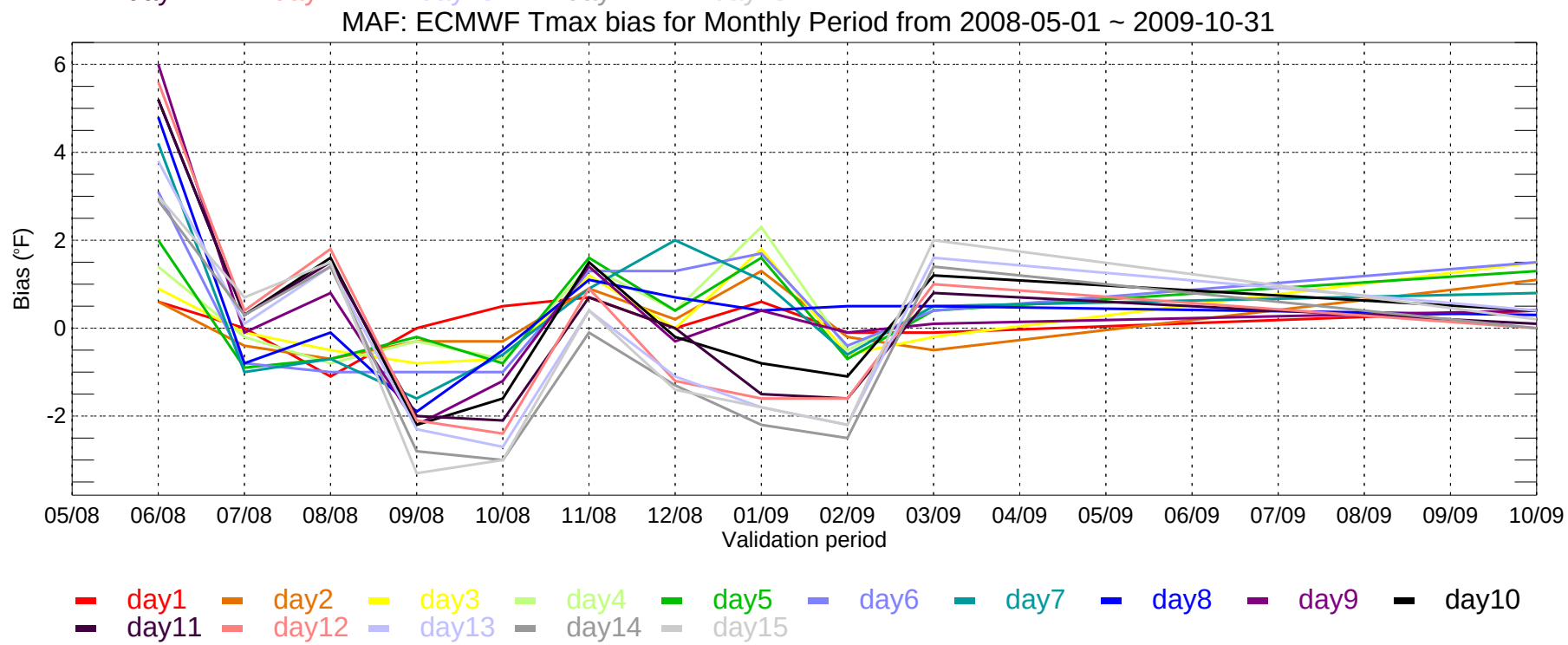
day13
day14
day15


MAF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
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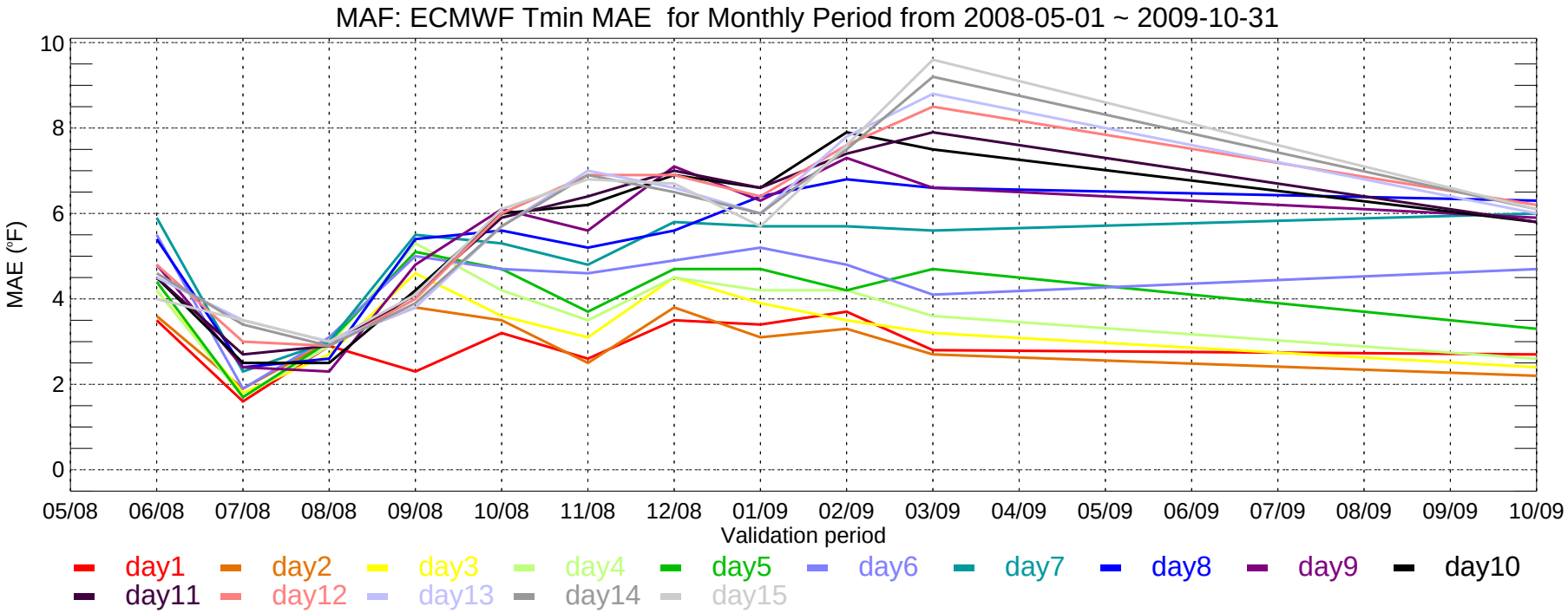
day14
day15


MAF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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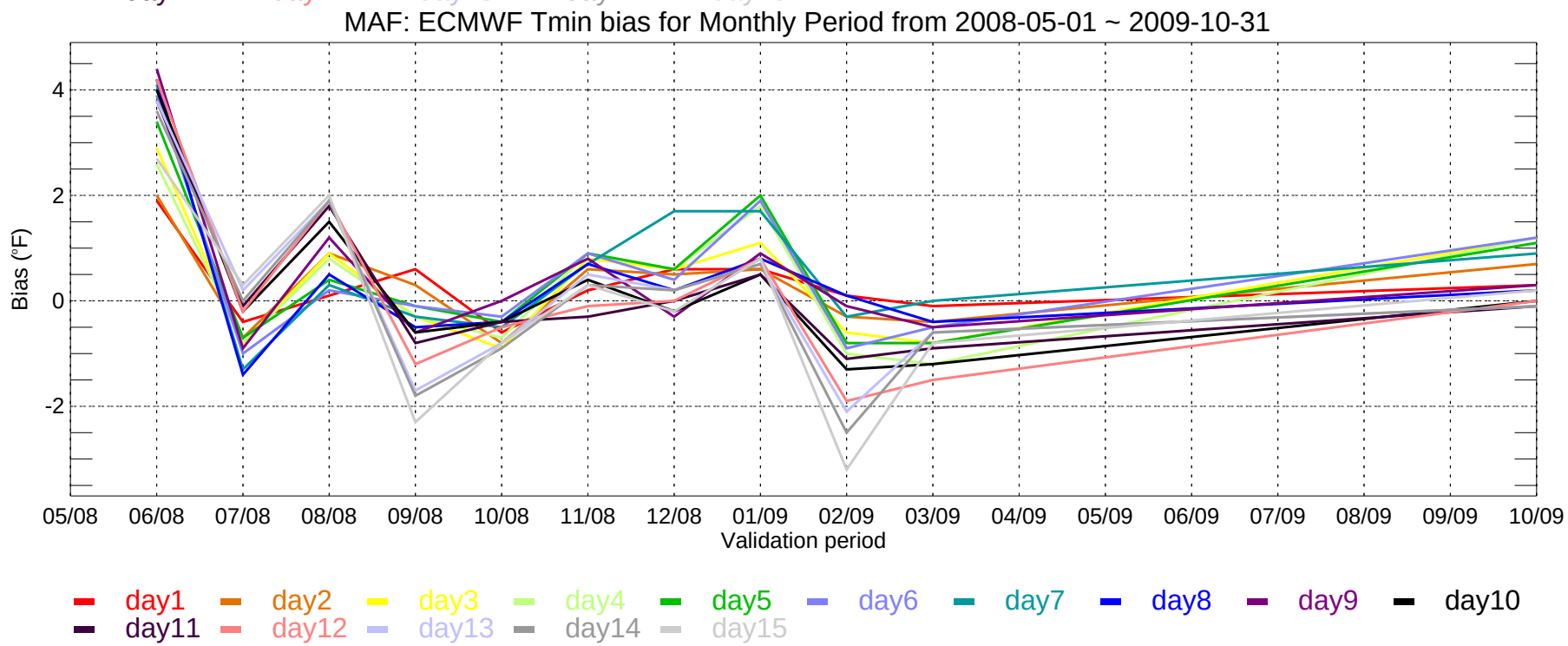
day14
day15


MAF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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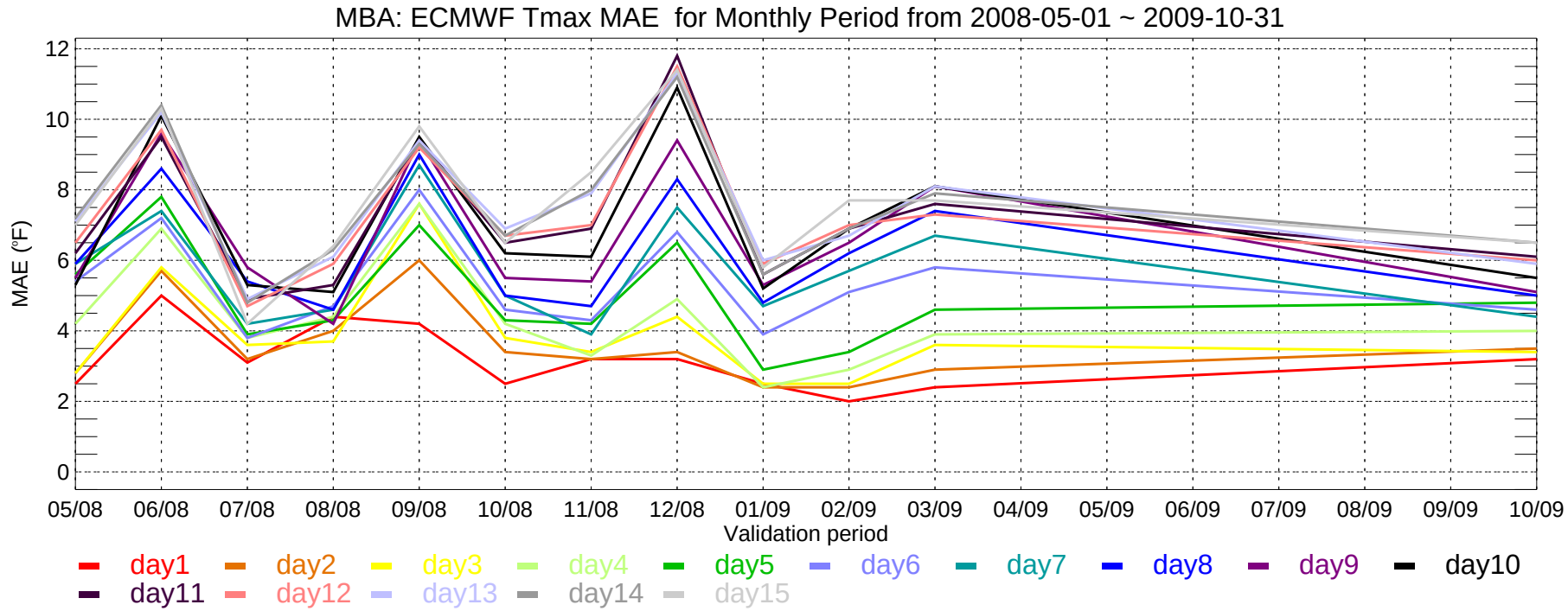
day10
day11
day12
day13
day14
day15


MBA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
day11
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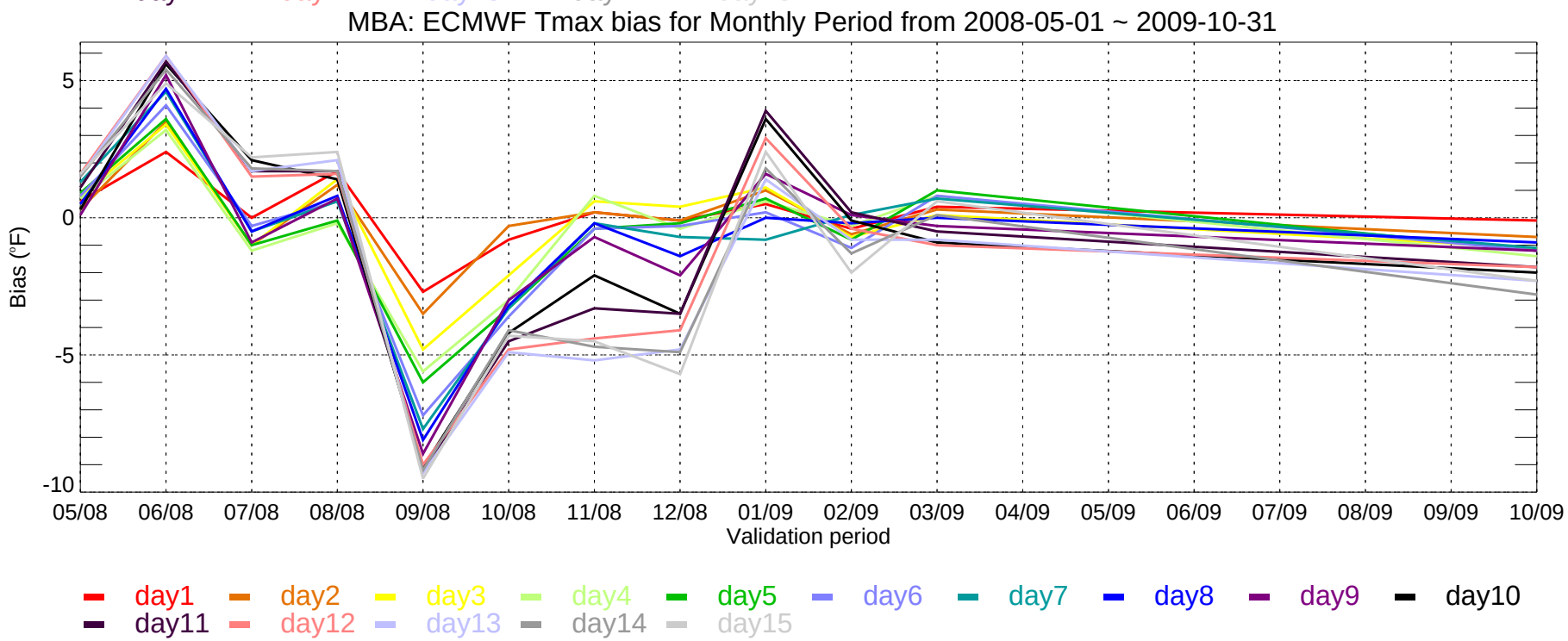
day13
day14
day15


MBA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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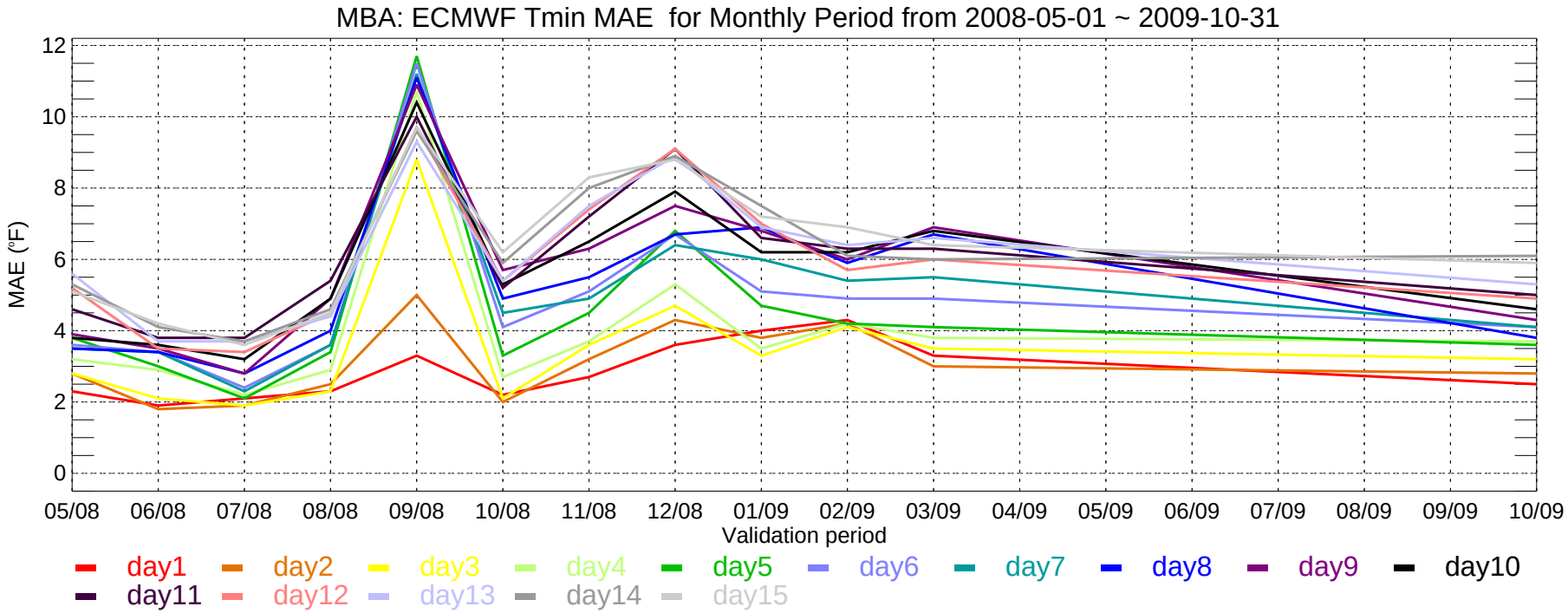
day10
day11
day12
day13
day14
day15


MBA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
07/09
08/09
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10/09
Validation period
day1
day2
day3
day4
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day11
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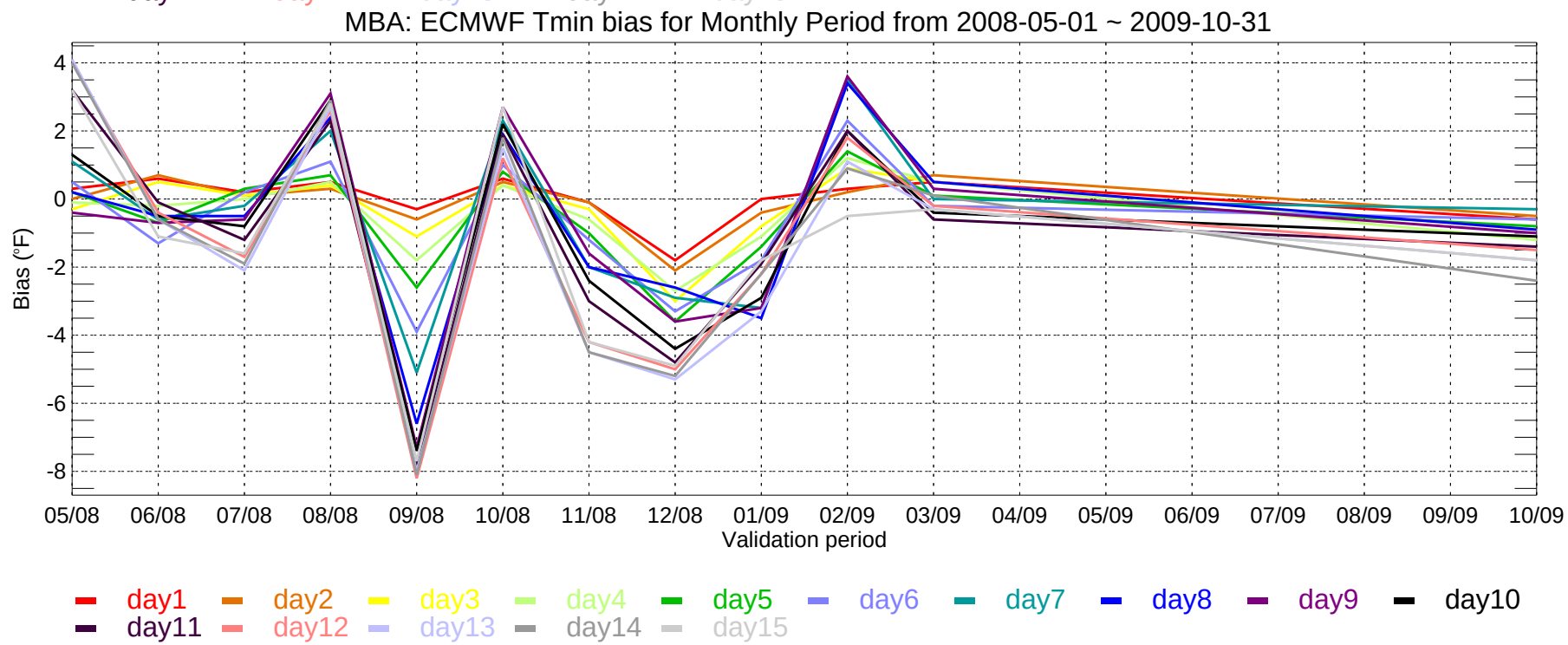
day15


MBA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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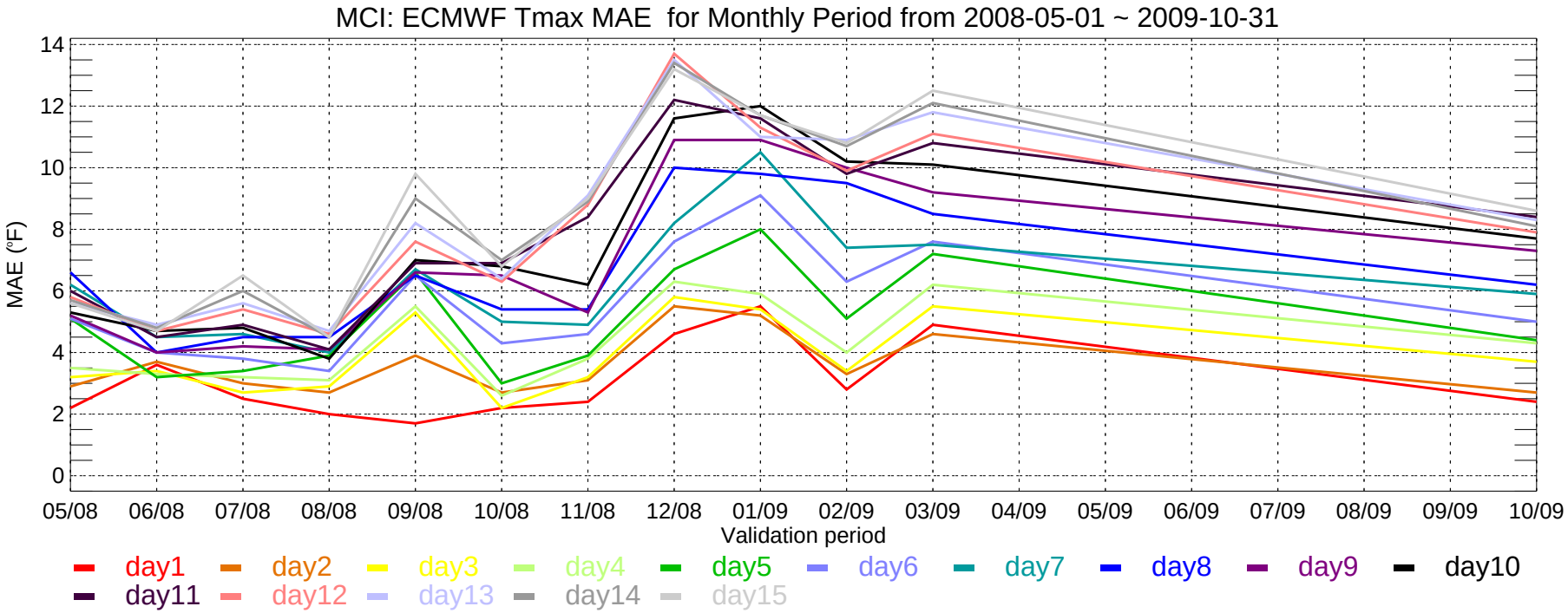
day15


MCI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
14
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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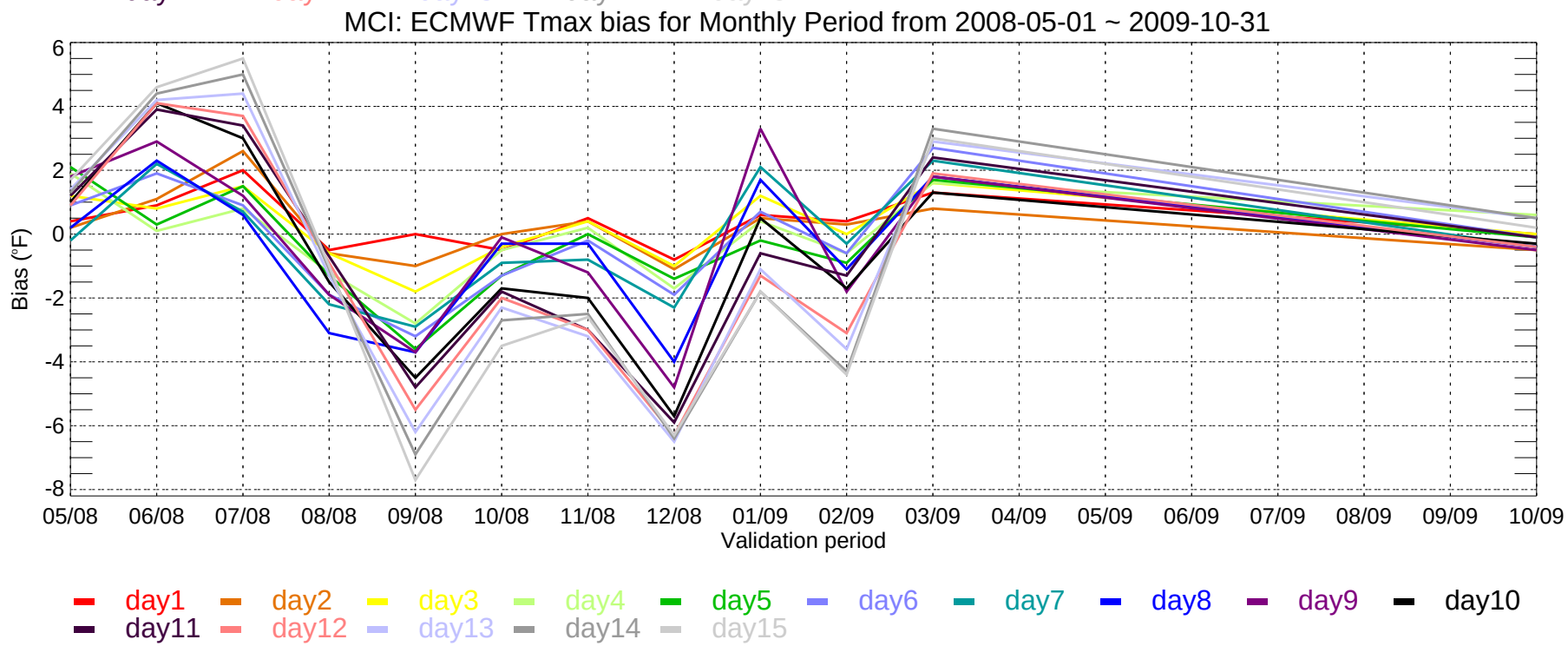
day15


MCI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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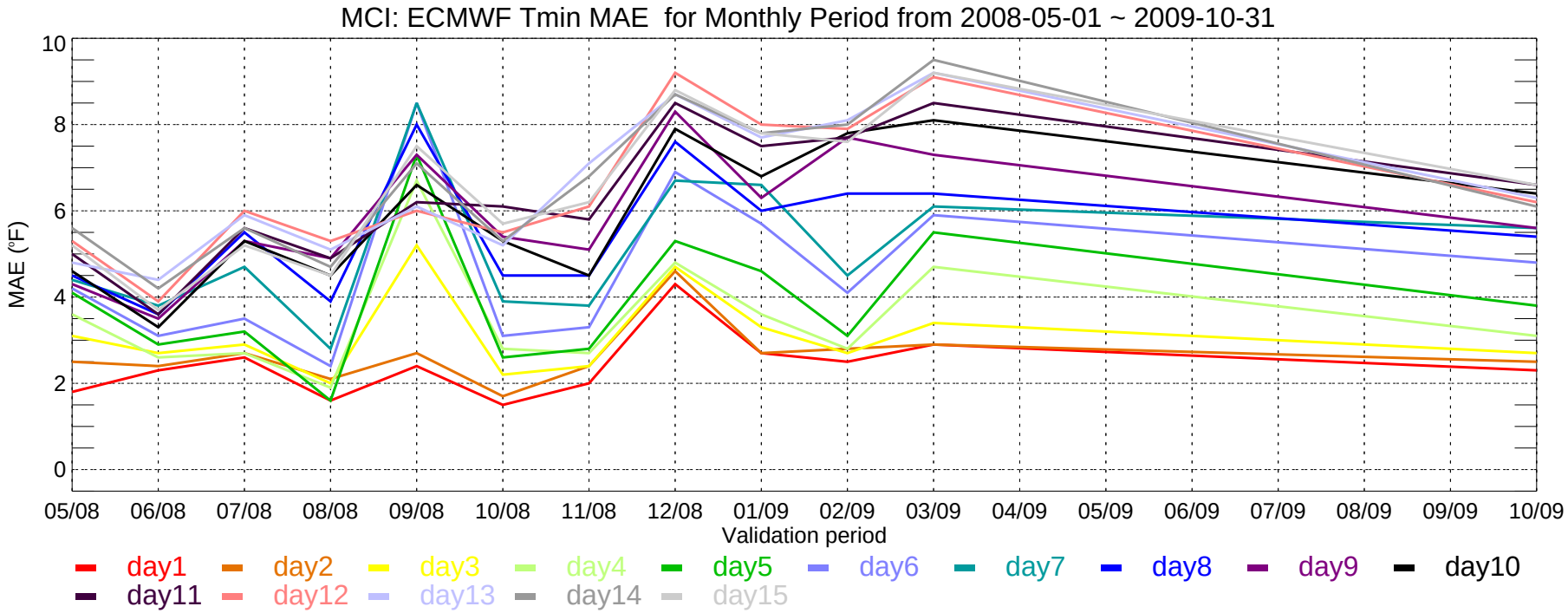
day13
day14
day15


MCI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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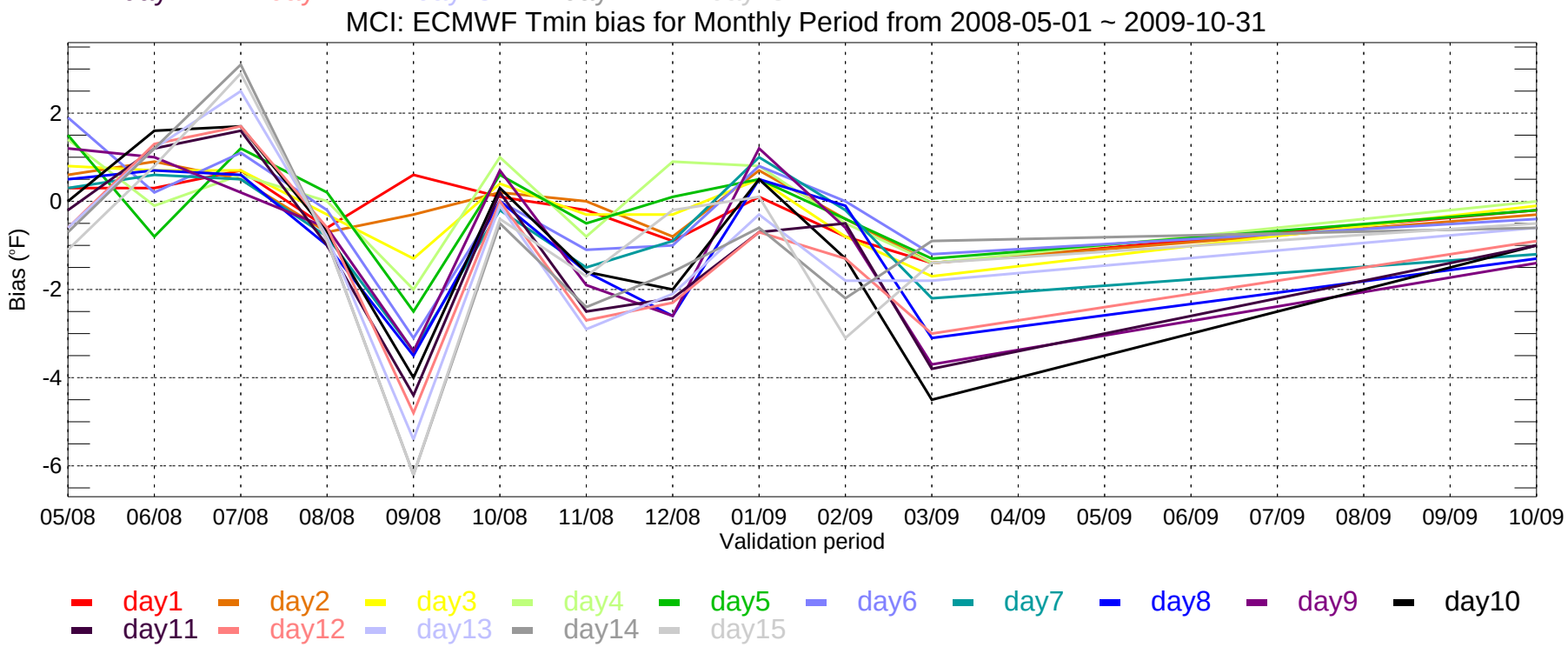
day10
day11
day12
day13
day14
day15


MCI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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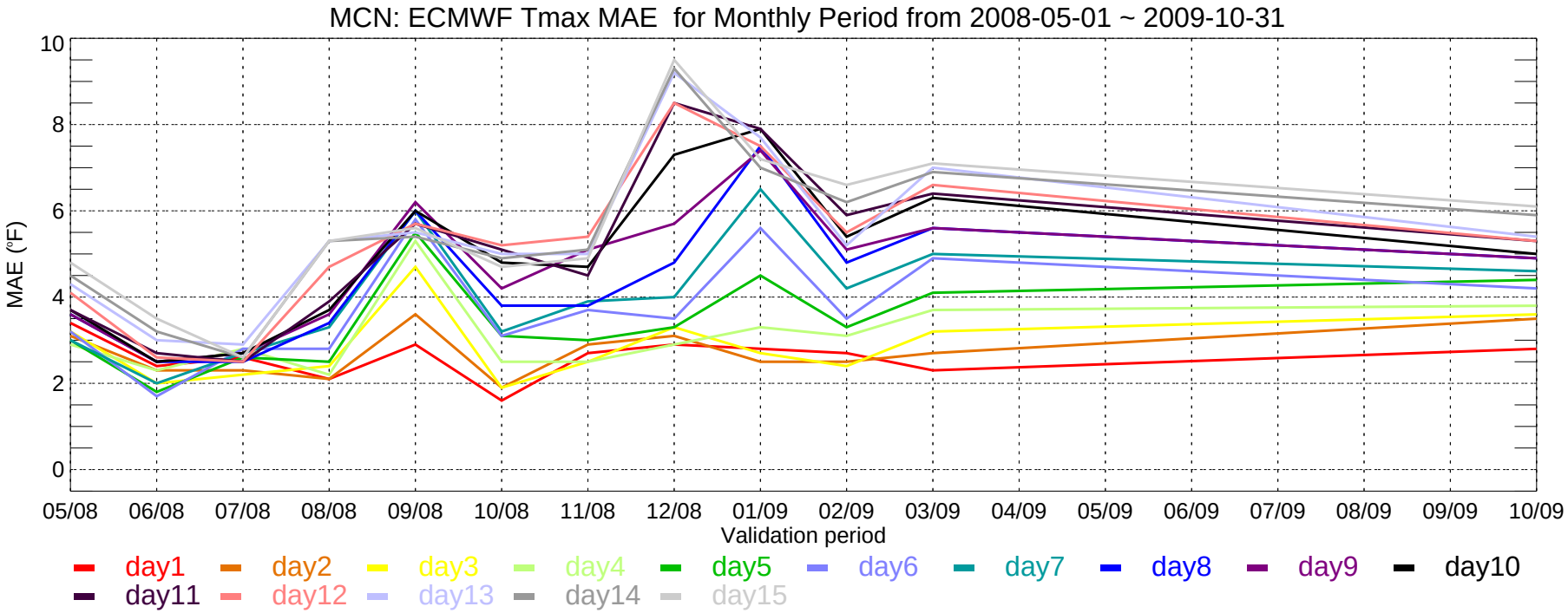
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MCN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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day8
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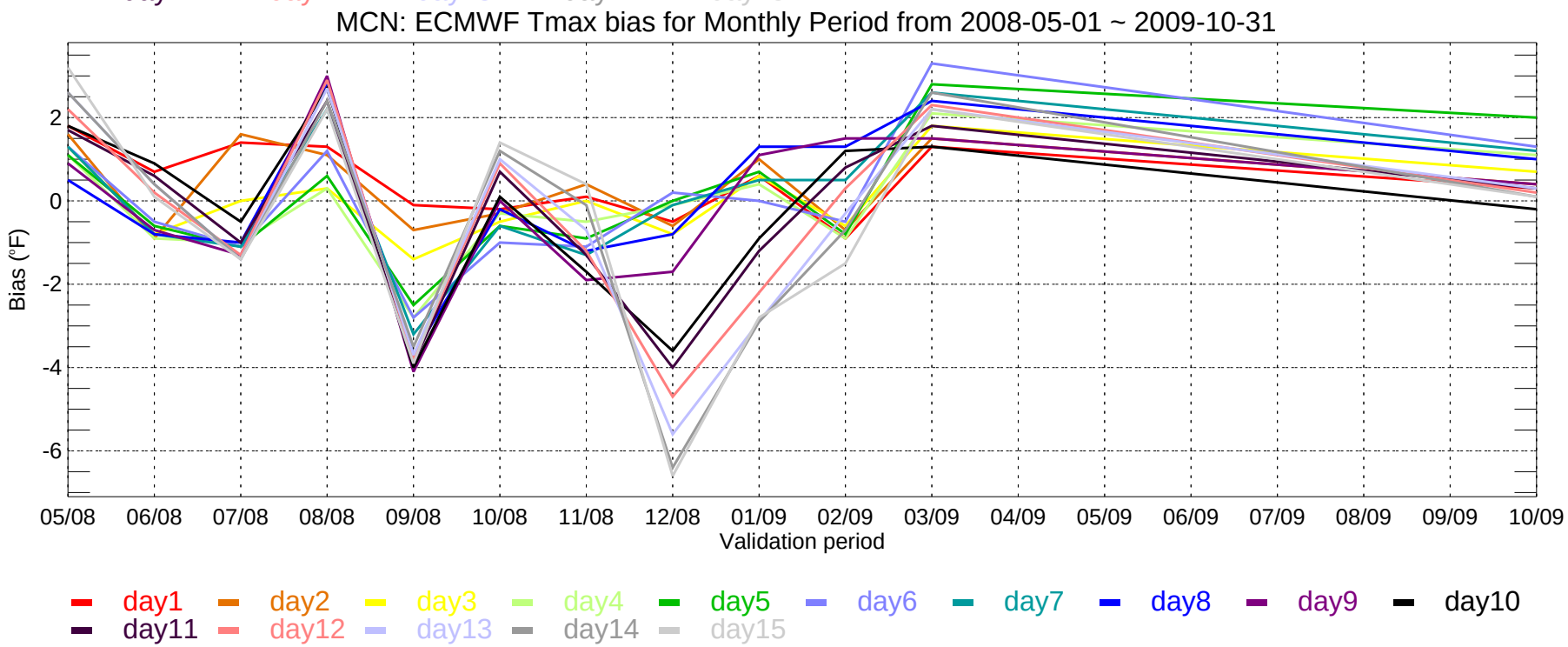
day10
day11
day12
day13
day14
day15


MCN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
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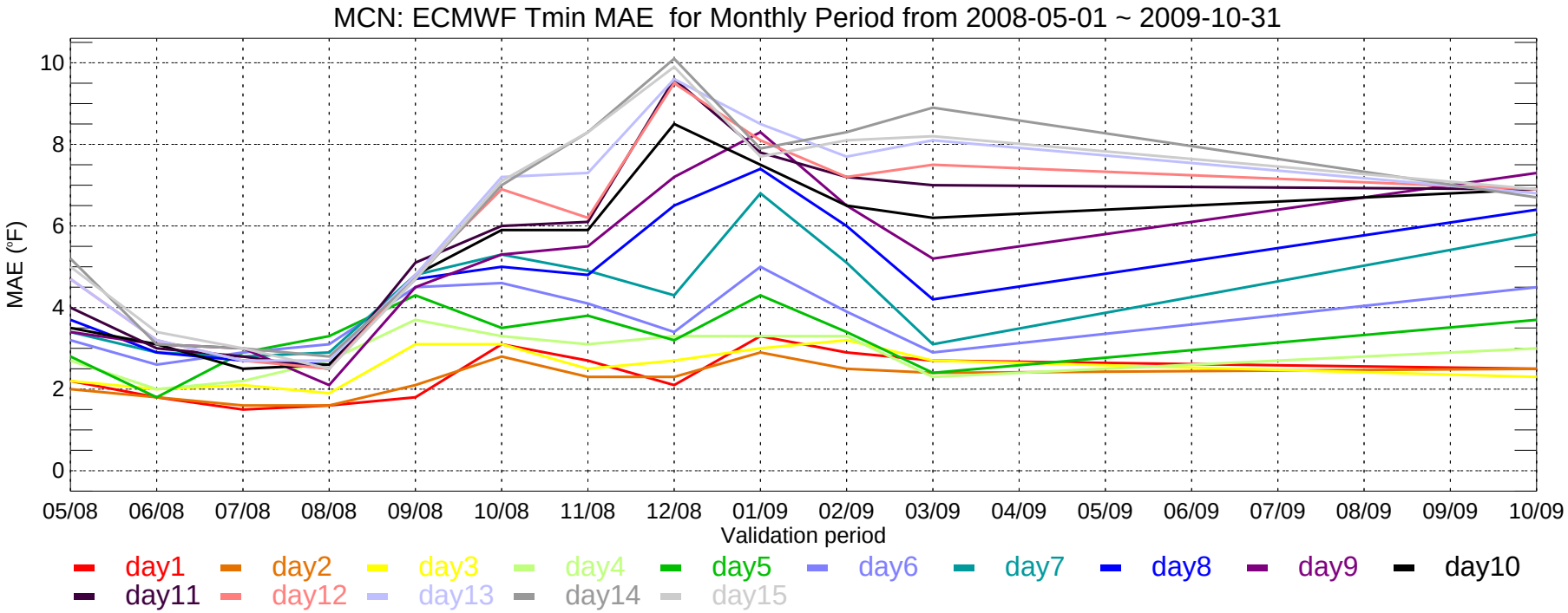
day9
day10
day11
day12
day13
day14
day15


MCN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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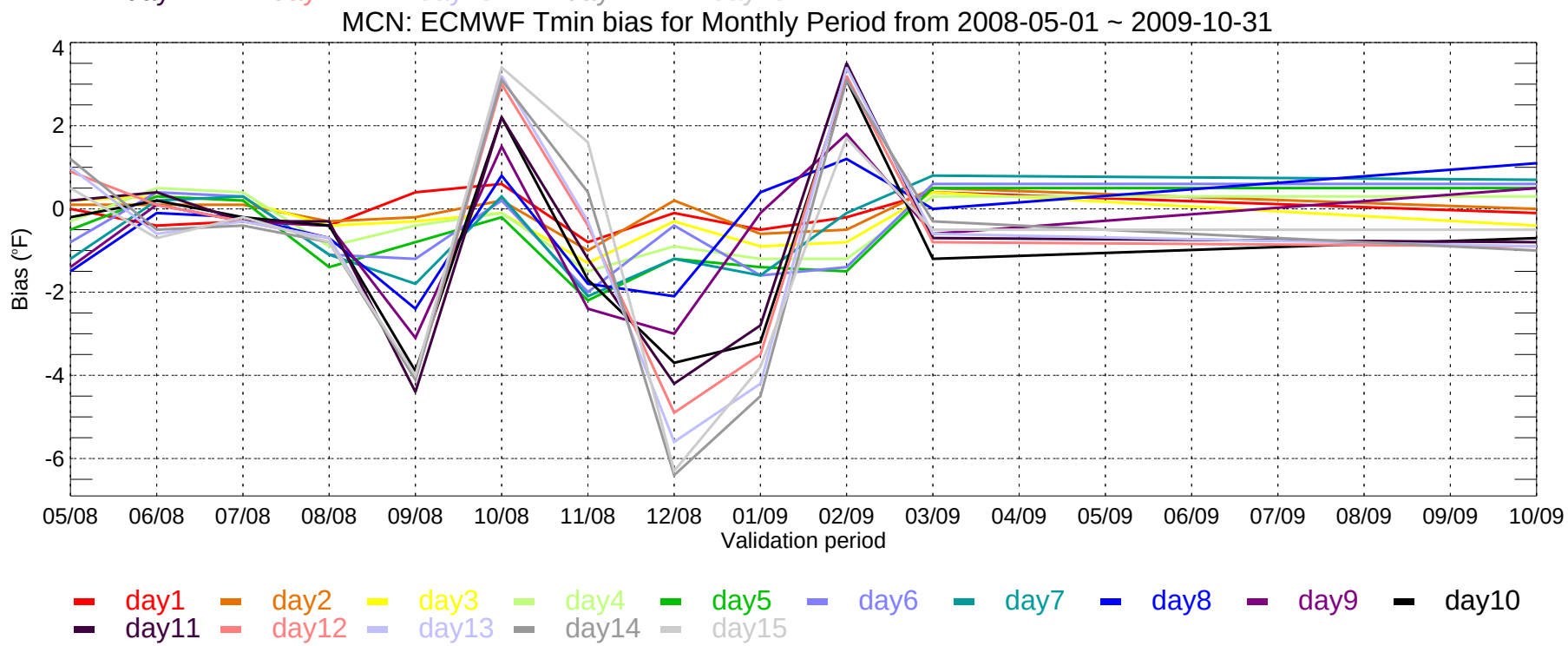
day11
day12
day13
day14
day15


MCN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
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10/09
Validation period
day1
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day3
day4
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day6
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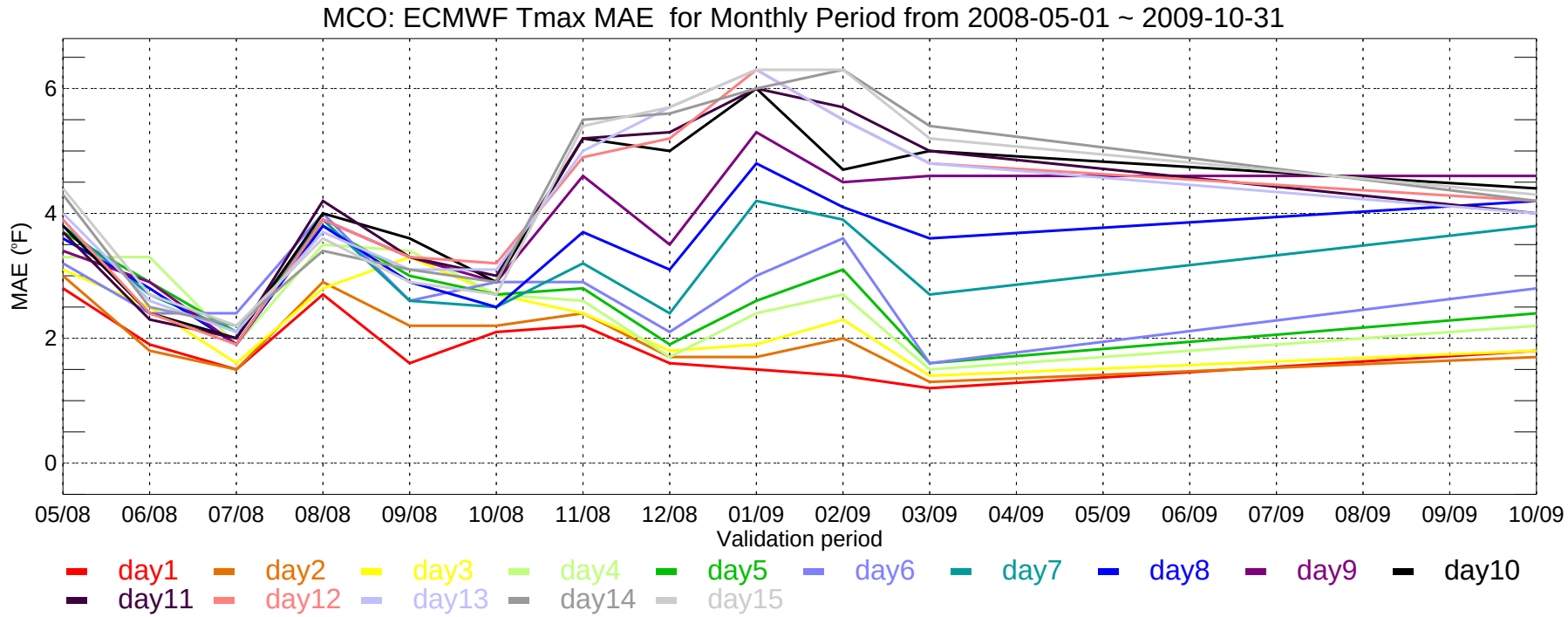
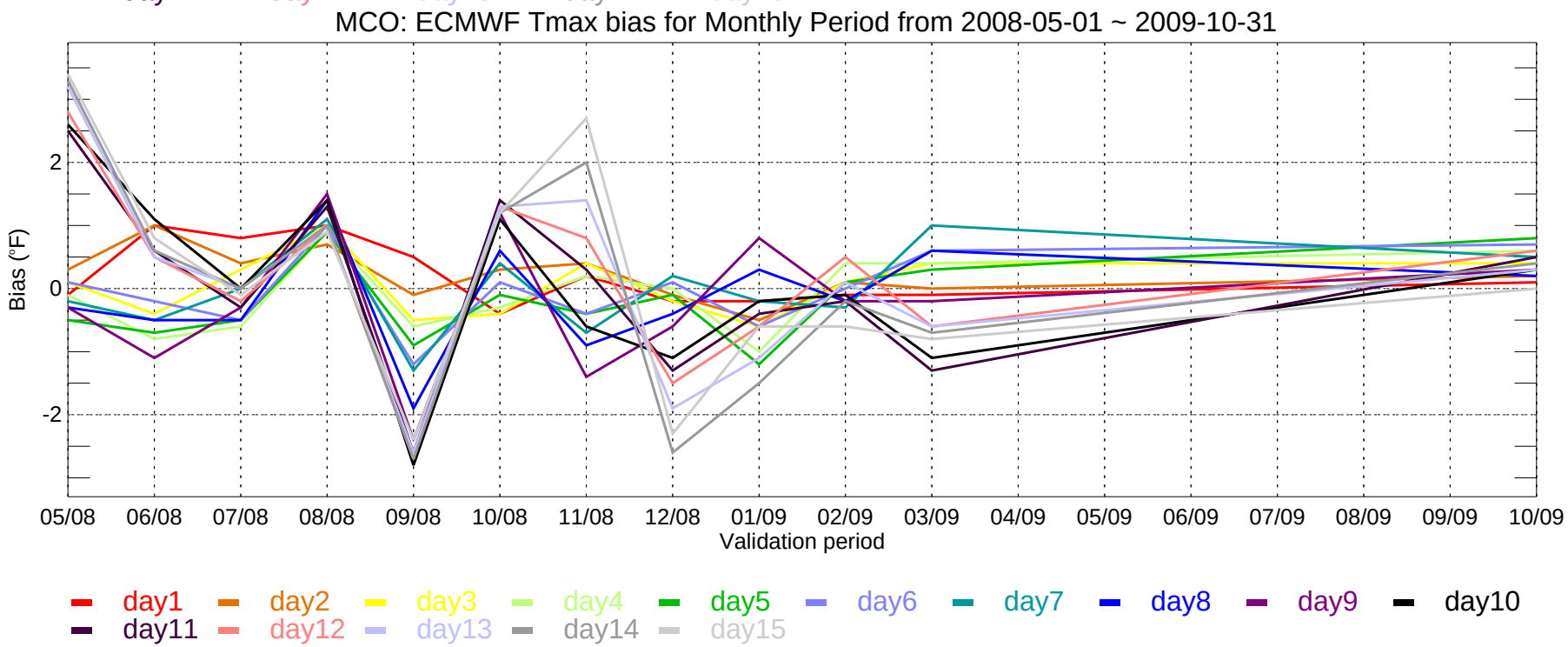
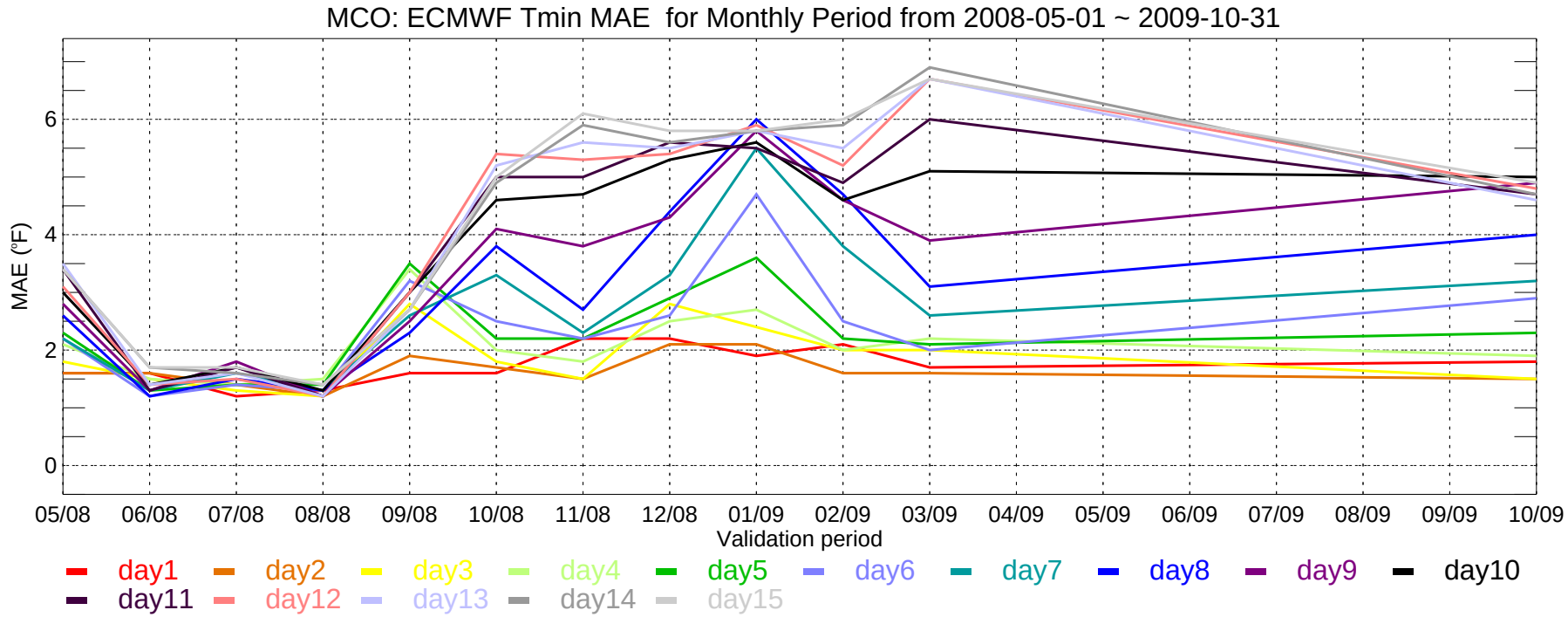
day13
day14
day15


MCO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MCO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-2
0
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MCO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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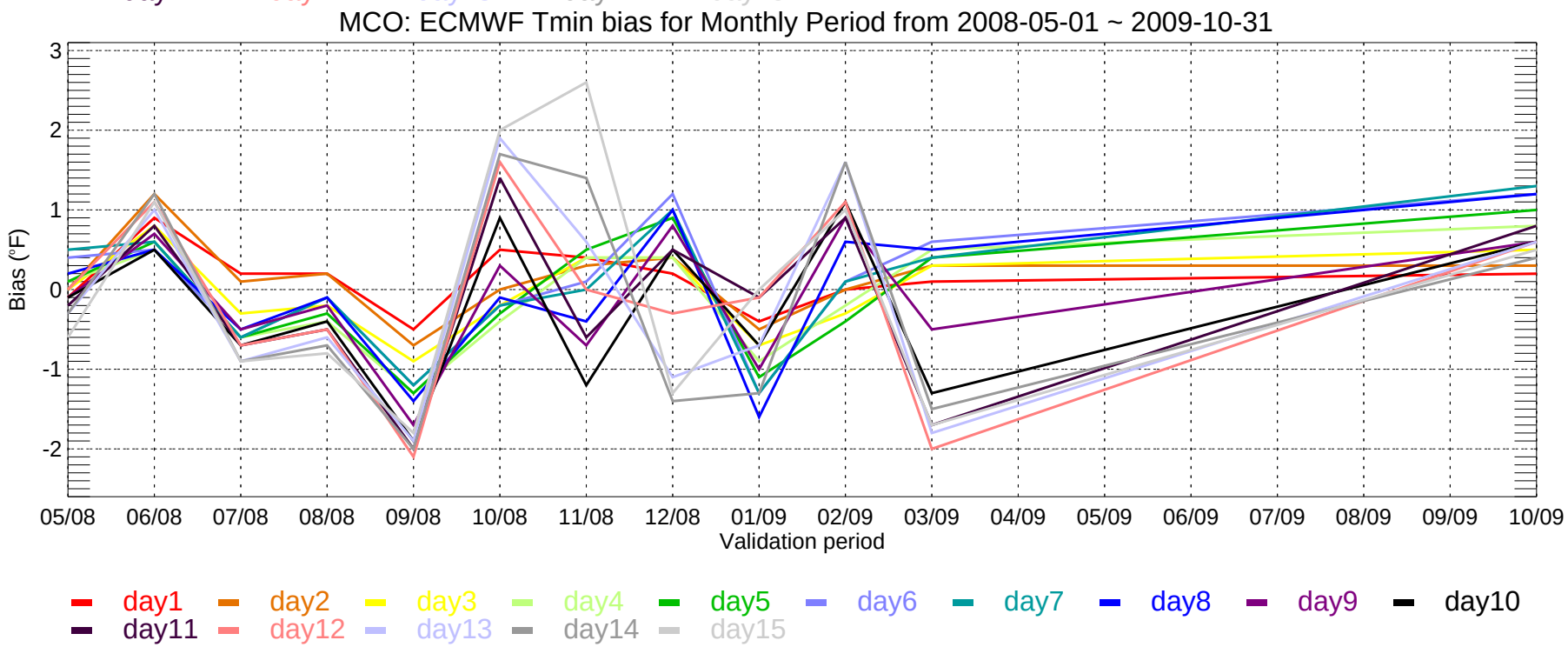
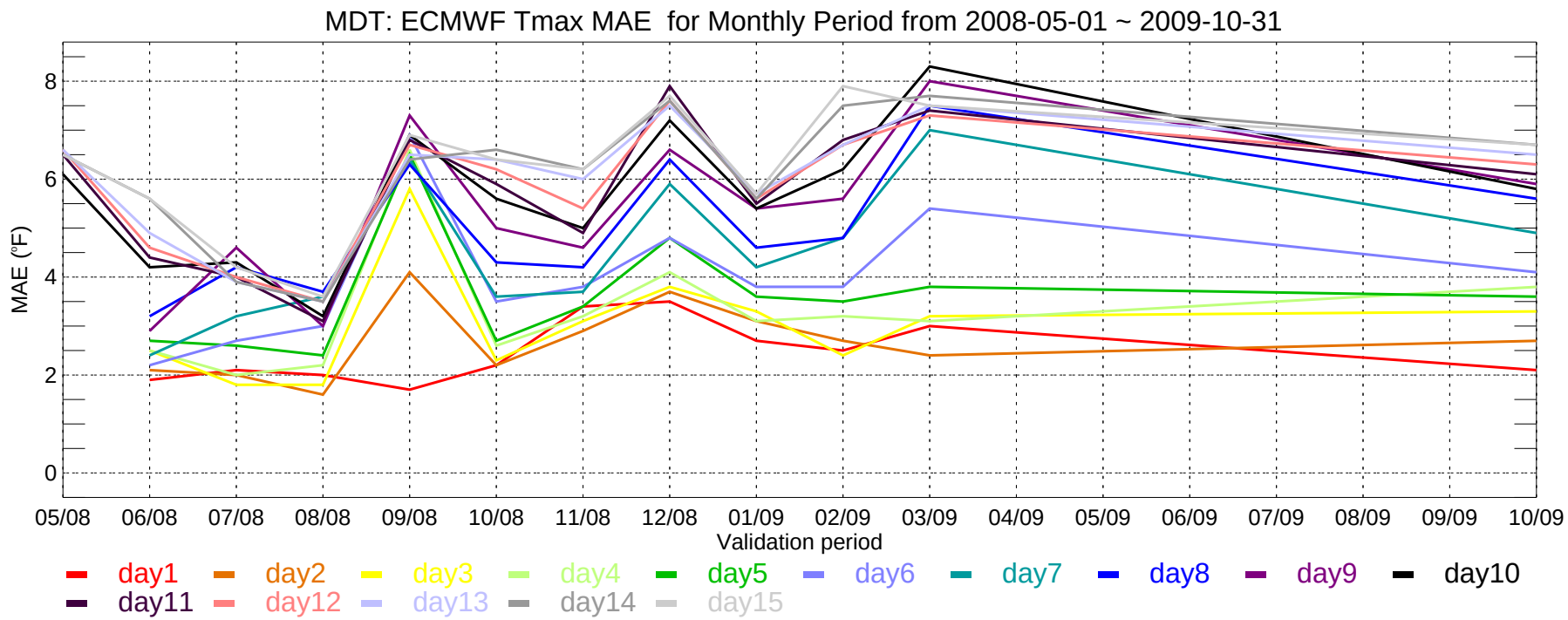
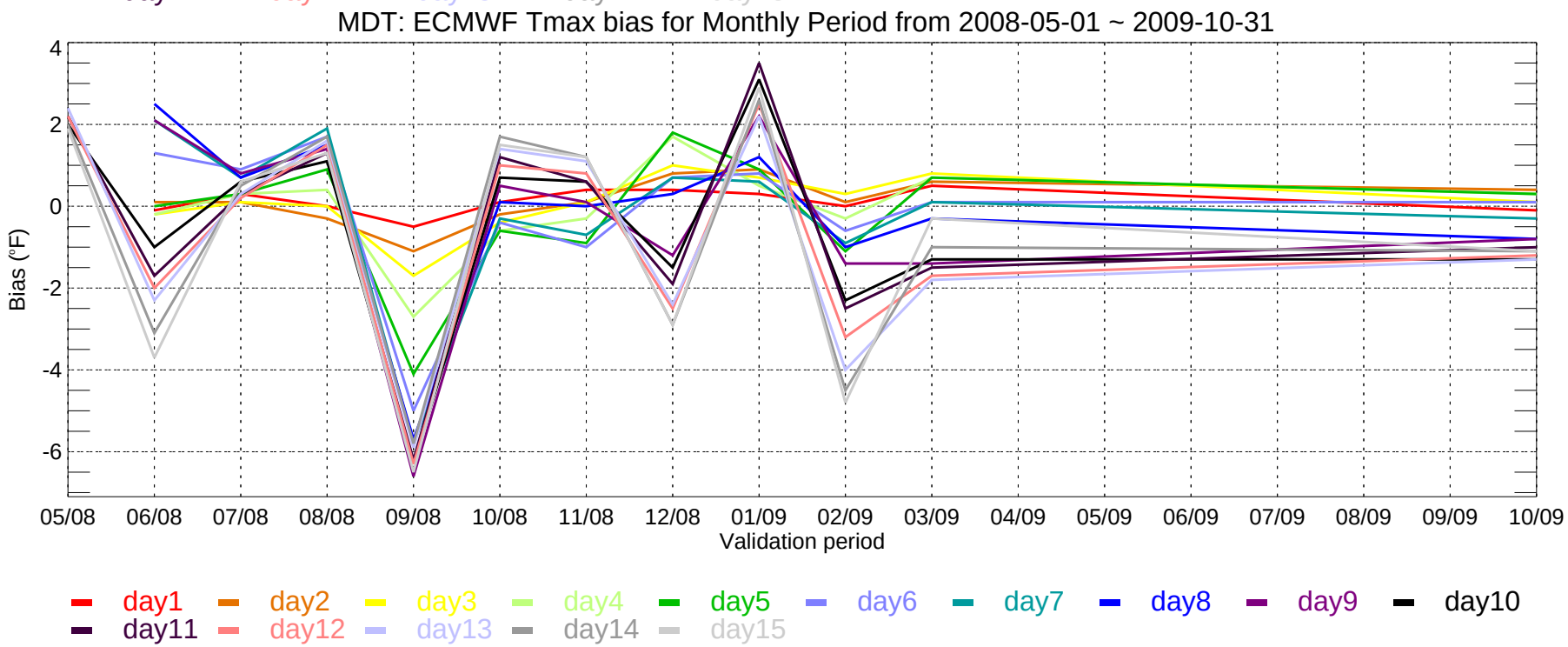
day10
day11
day12
day13
day14
day15


MCO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
3
2
1
0
-1
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MDT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MDT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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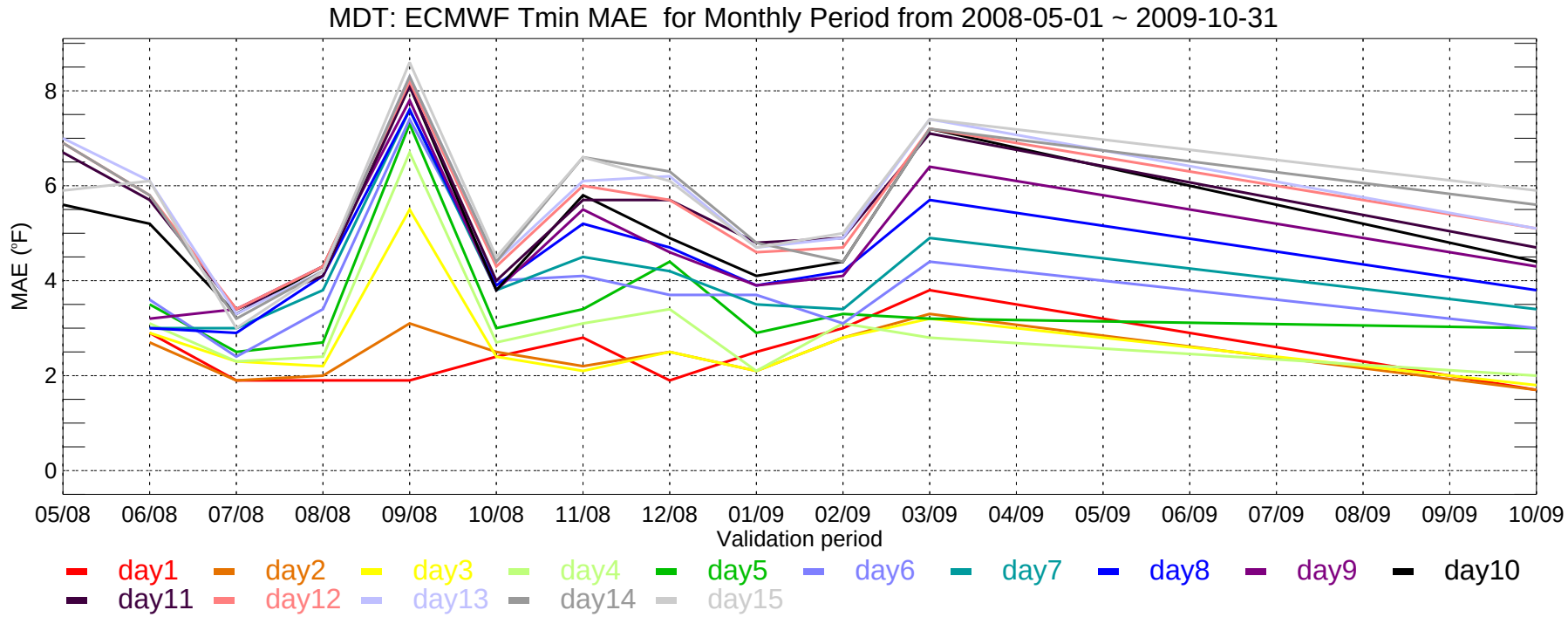
day11
day12
day13
day14
day15


MDT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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day10
day11
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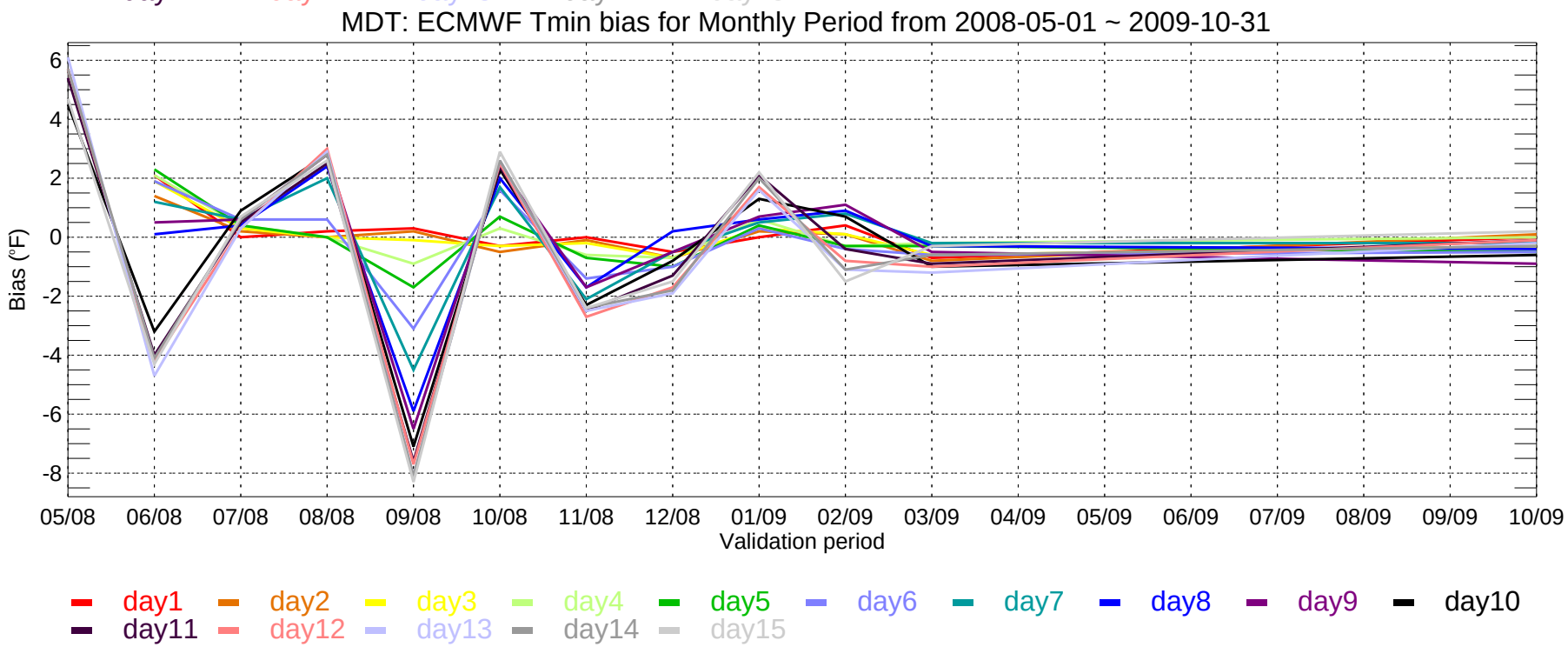
day13
day14
day15


MDT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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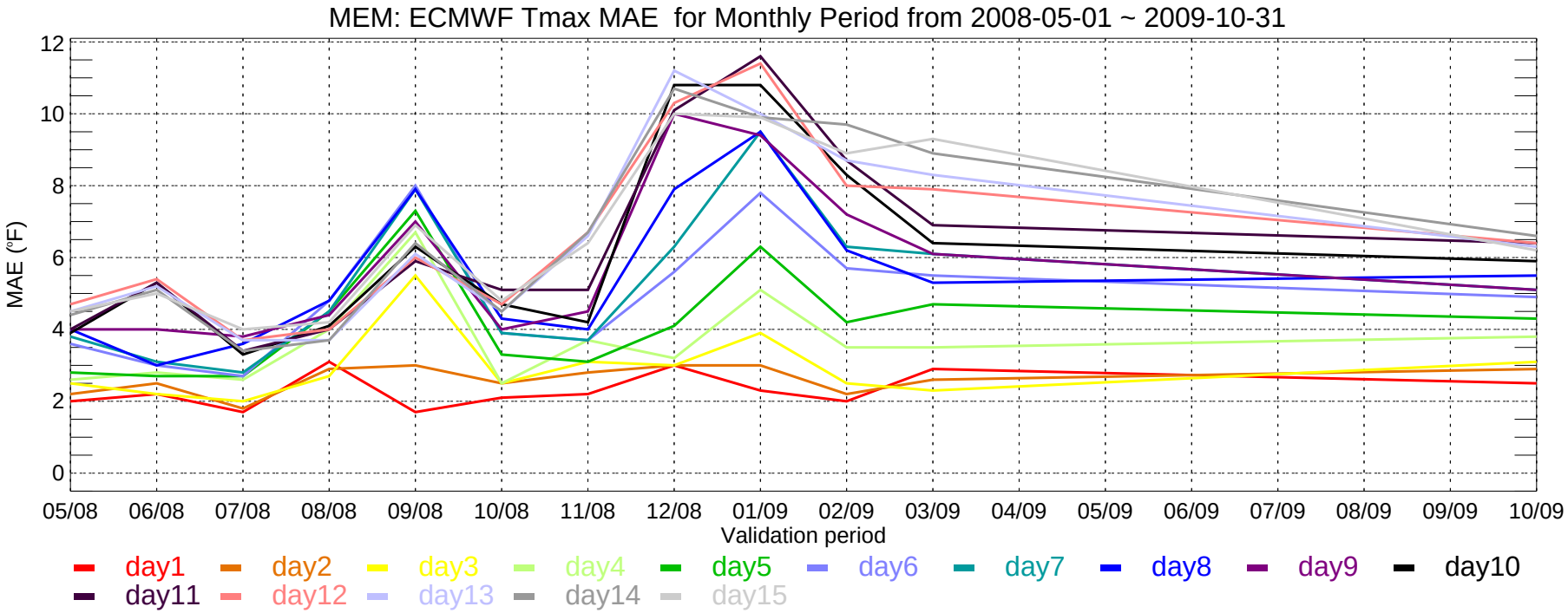
day11
day12
day13
day14
day15


MEM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
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day8
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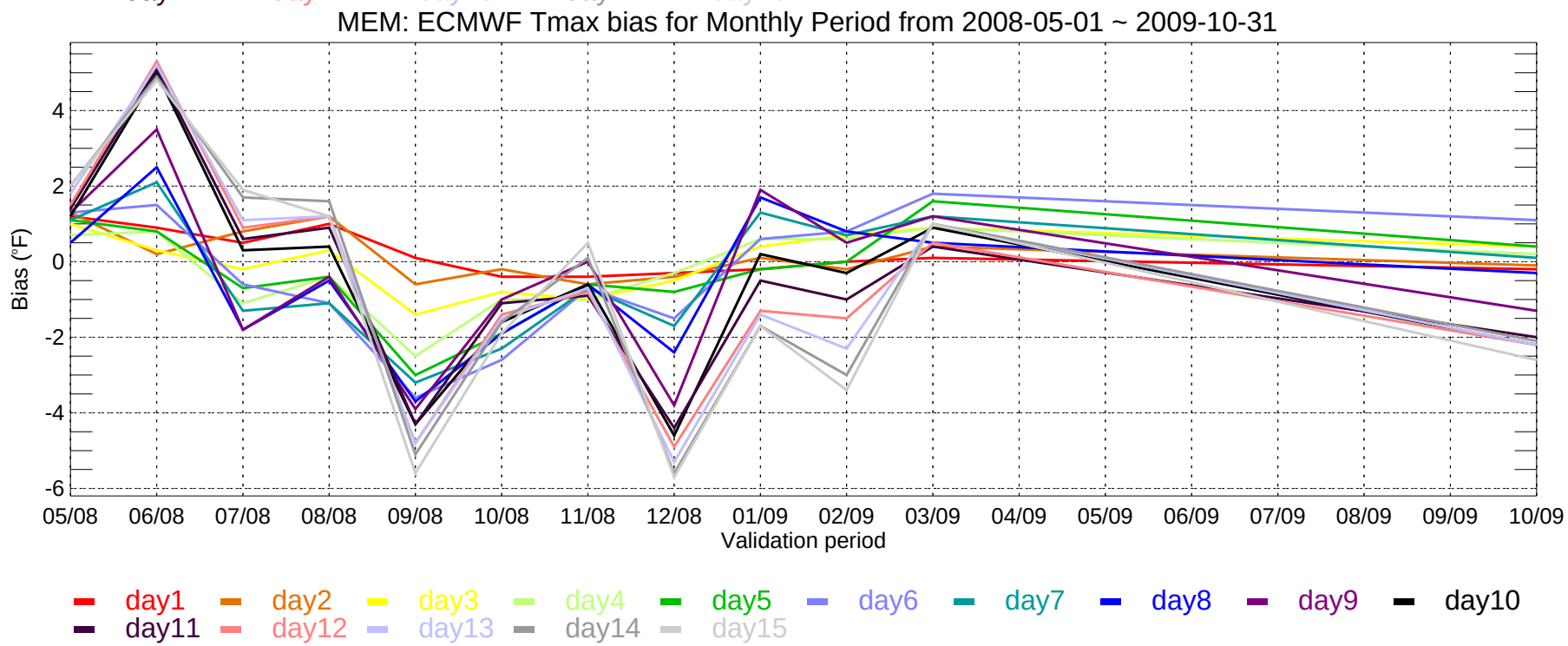
day10
day11
day12
day13
day14
day15


MEM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-6
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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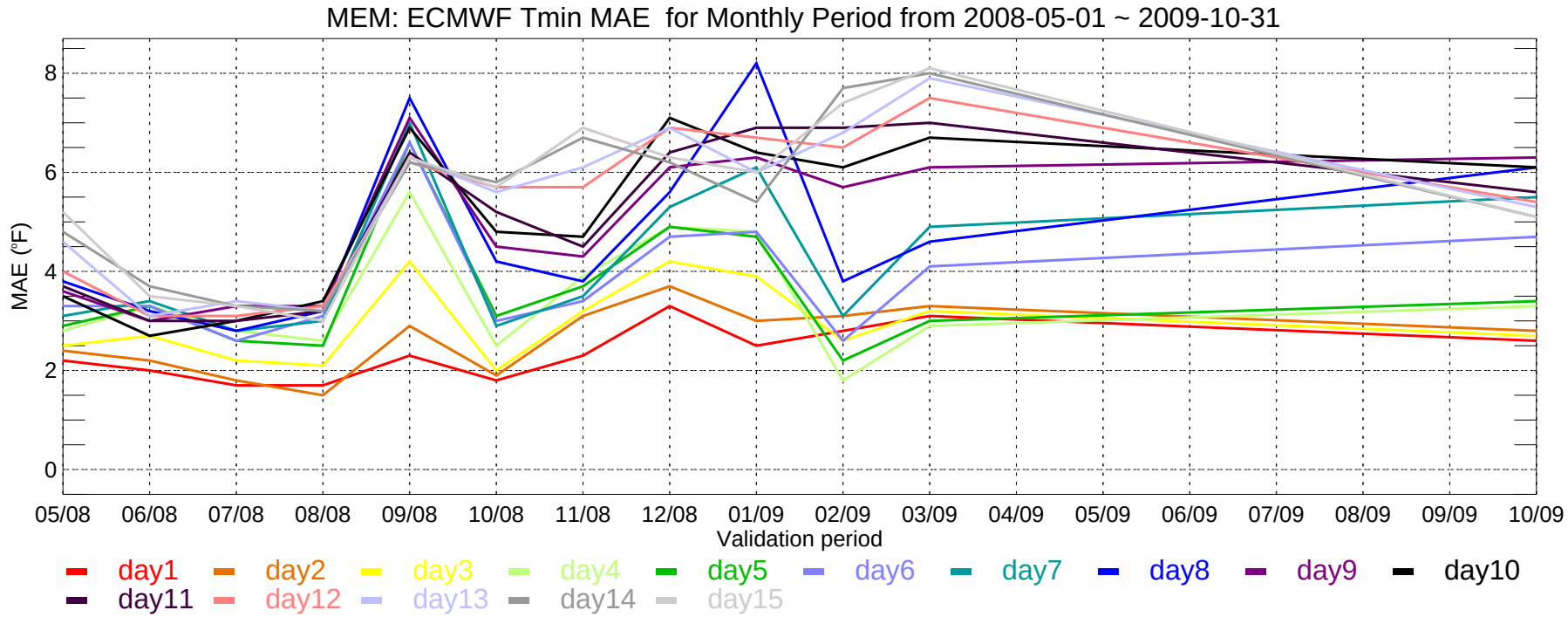
day12
day13
day14
day15


MEM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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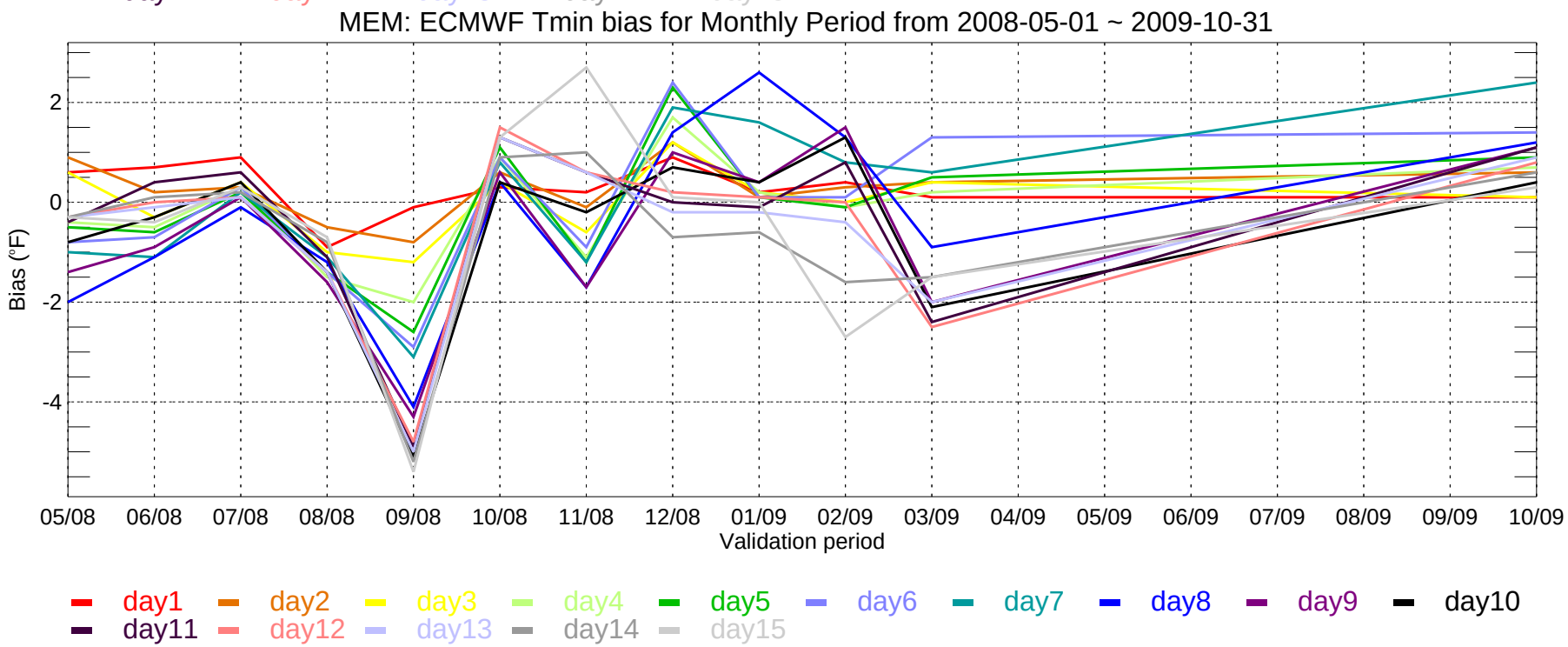
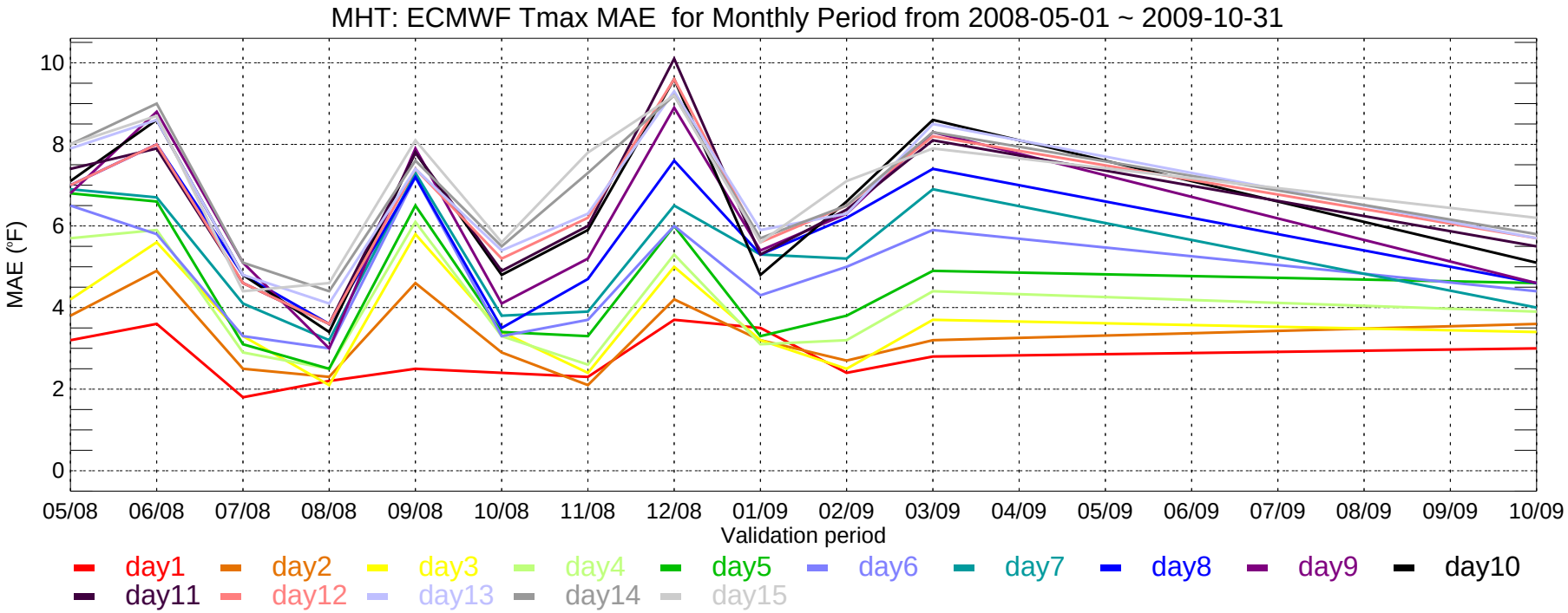
day10
day11
day12
day13
day14
day15


MEM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MHT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
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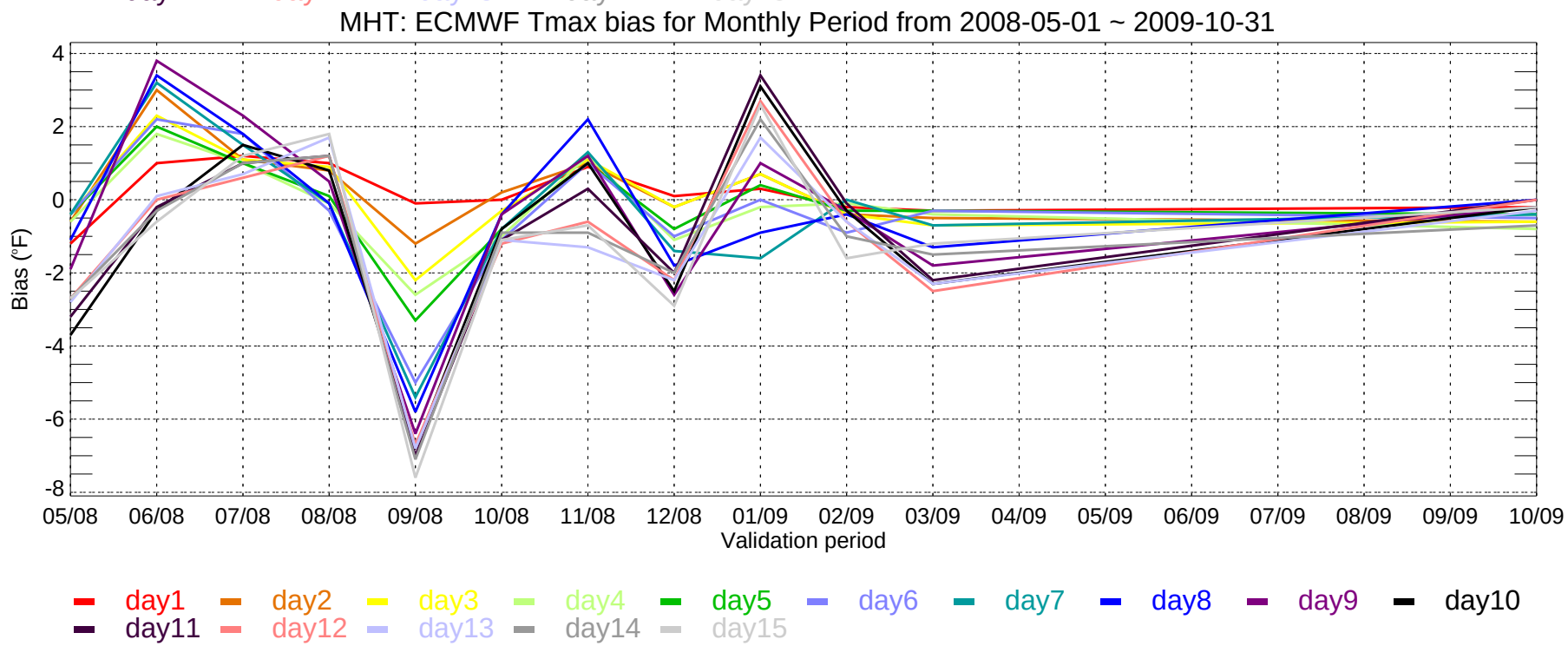
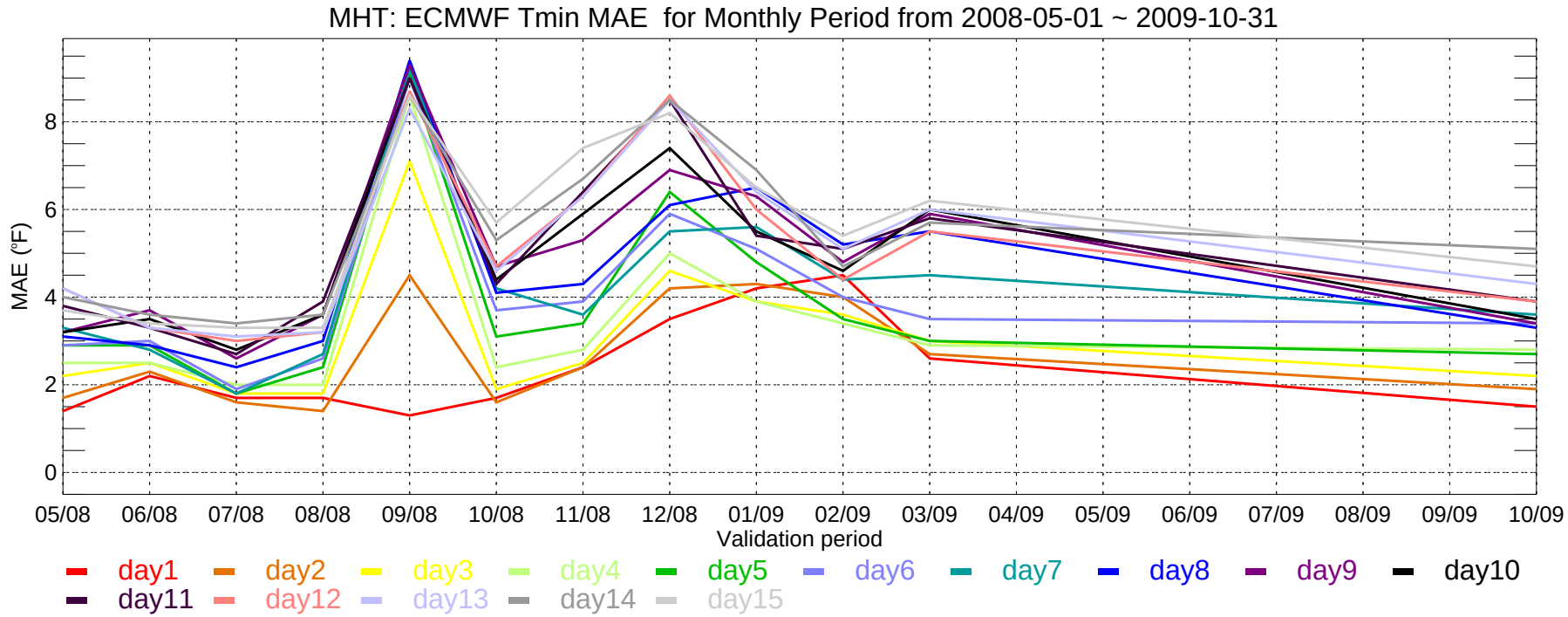
day12
day13
day14
day15


MHT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MHT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
day11
day12
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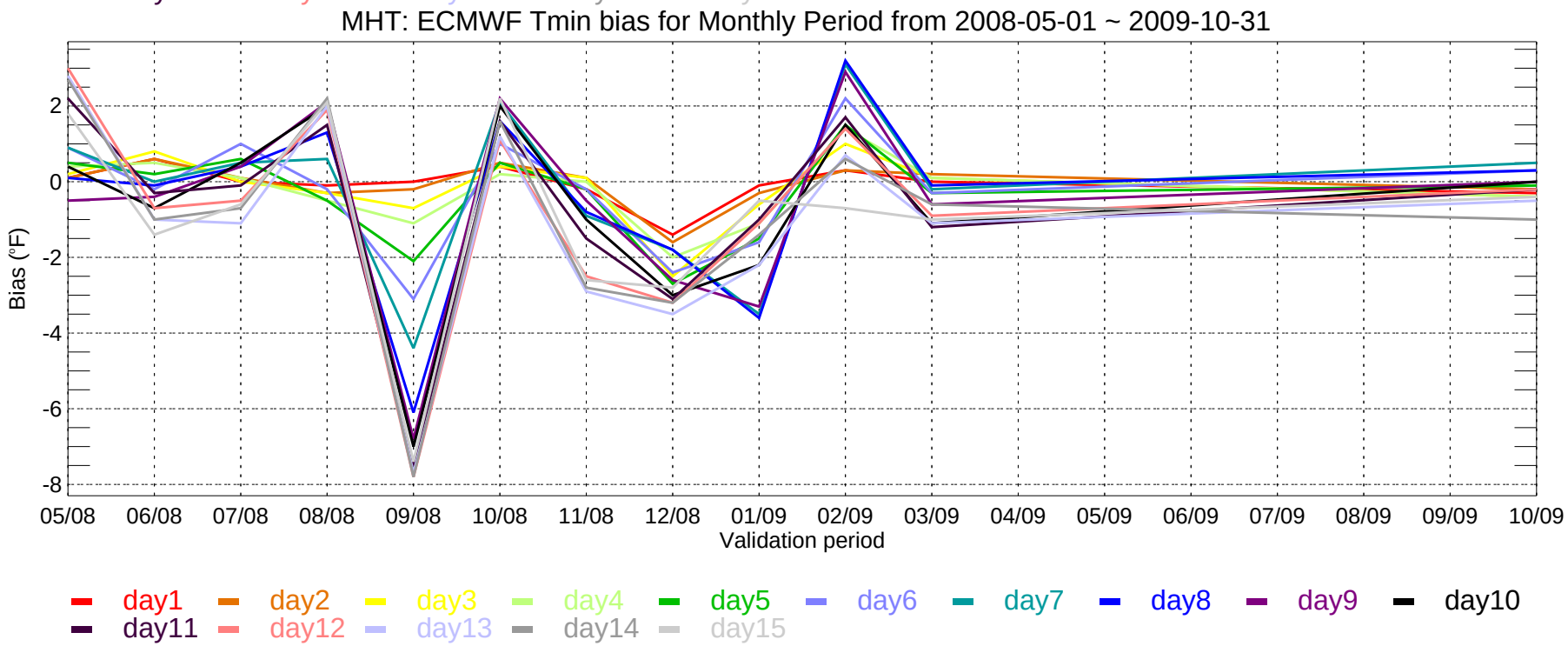
day14
day15


MHT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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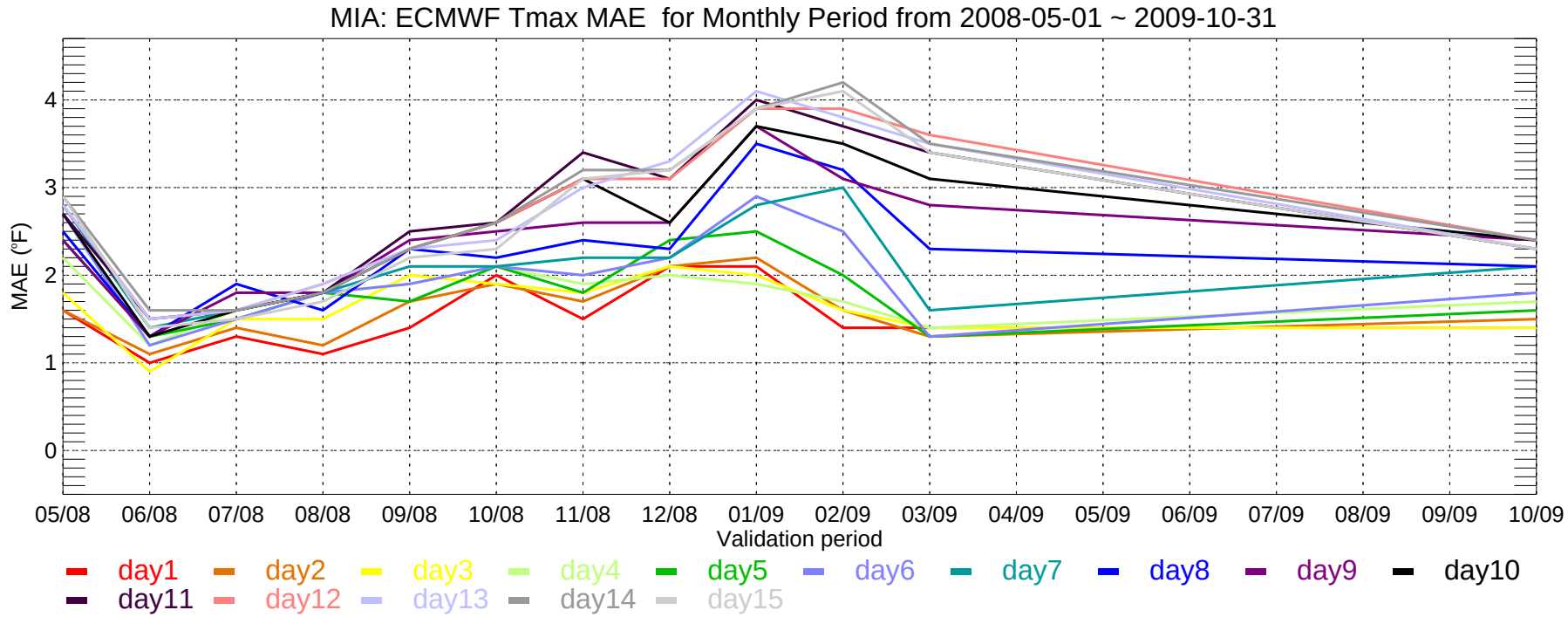
day15


MIA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
4
3
2
1
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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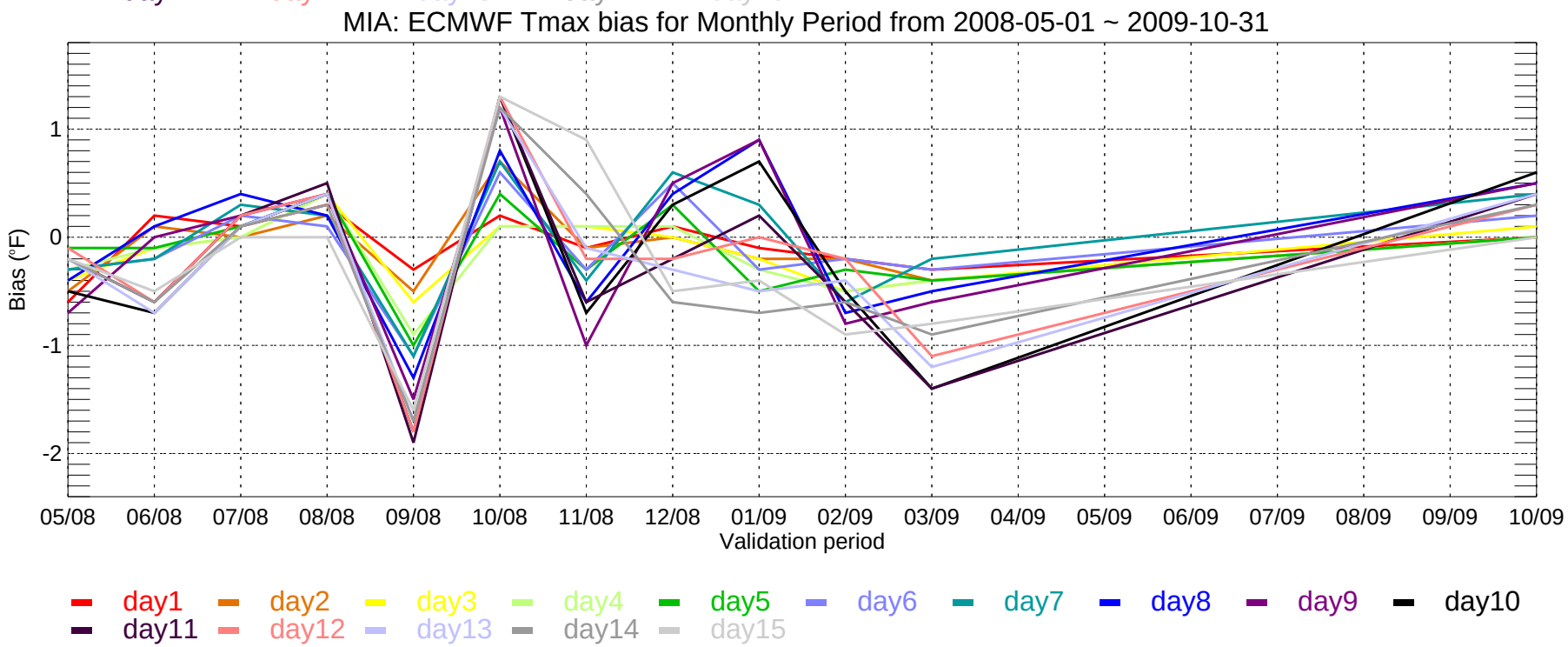
day10
day11
day12
day13
day14
day15


MIA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
1
0
-1
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
day8
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day11
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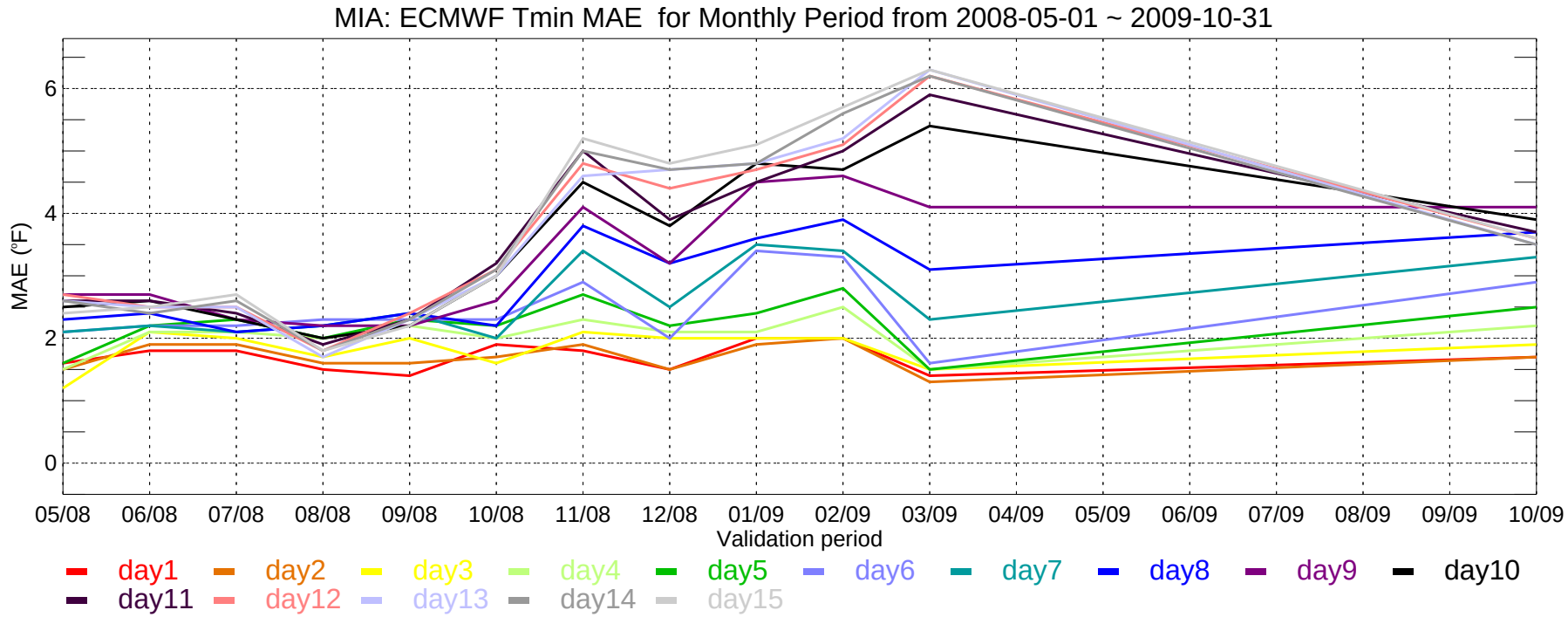
day14
day15


MIA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
day11
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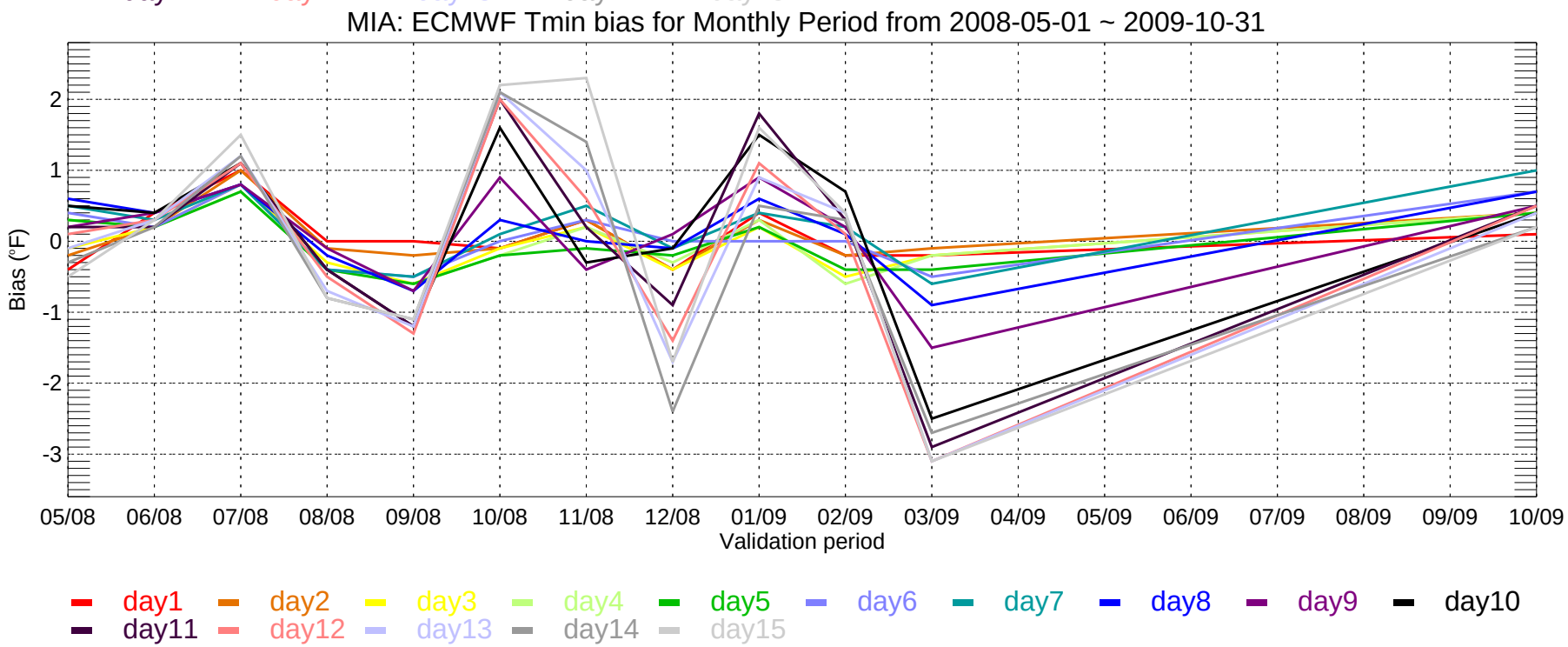
day14
day15


MIA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
1
0
-1
-2
-3
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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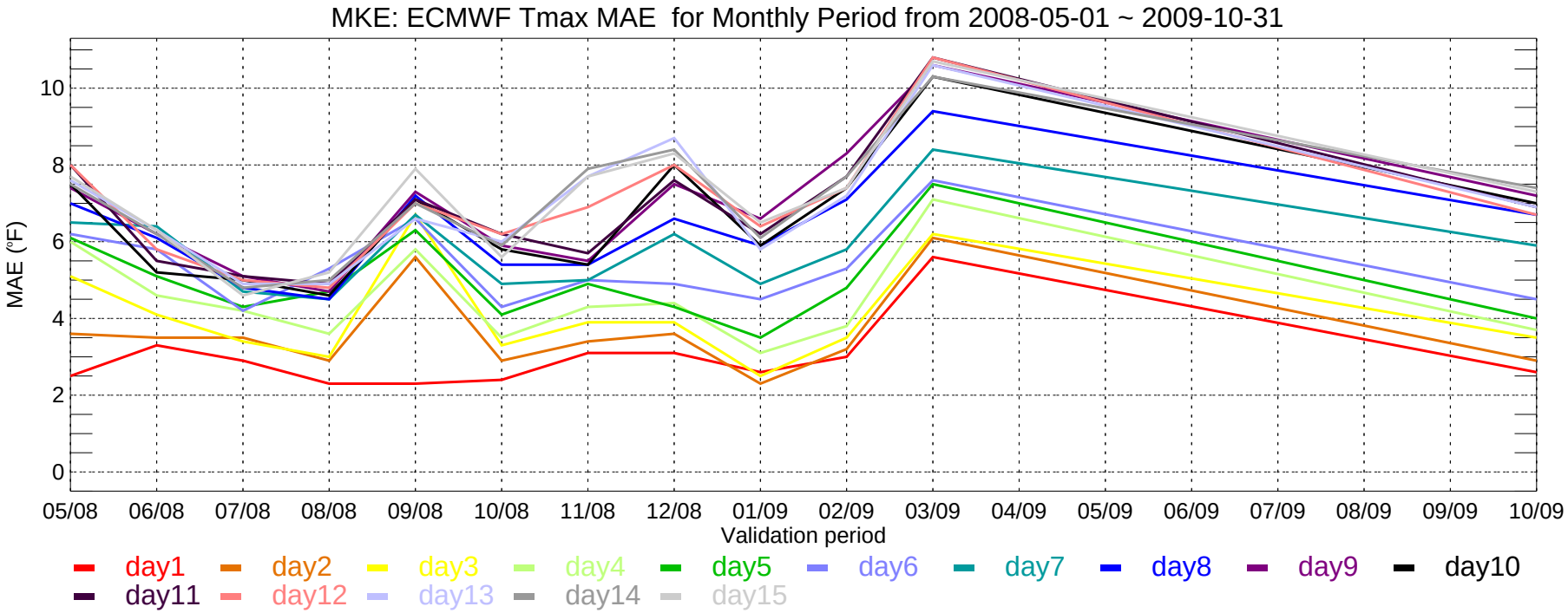
day14
day15


MKE: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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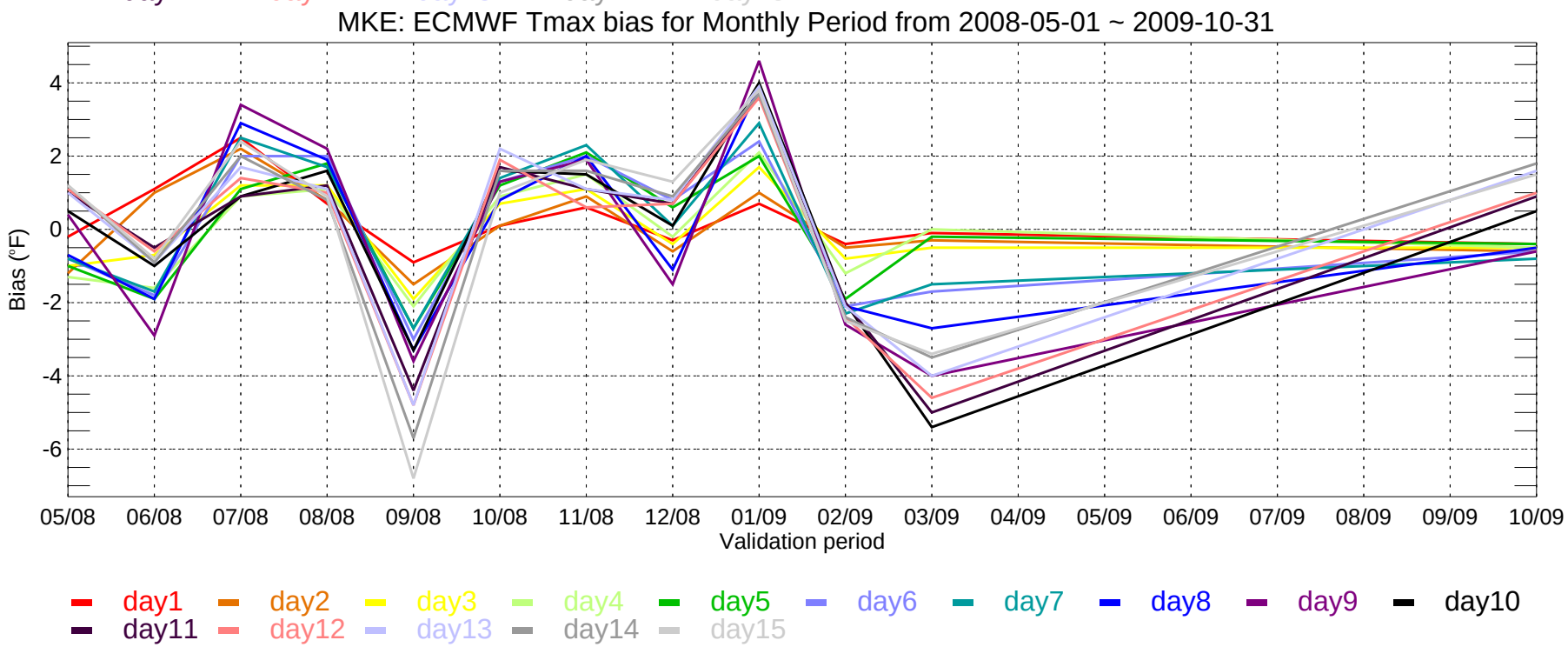
day14
day15


MKE: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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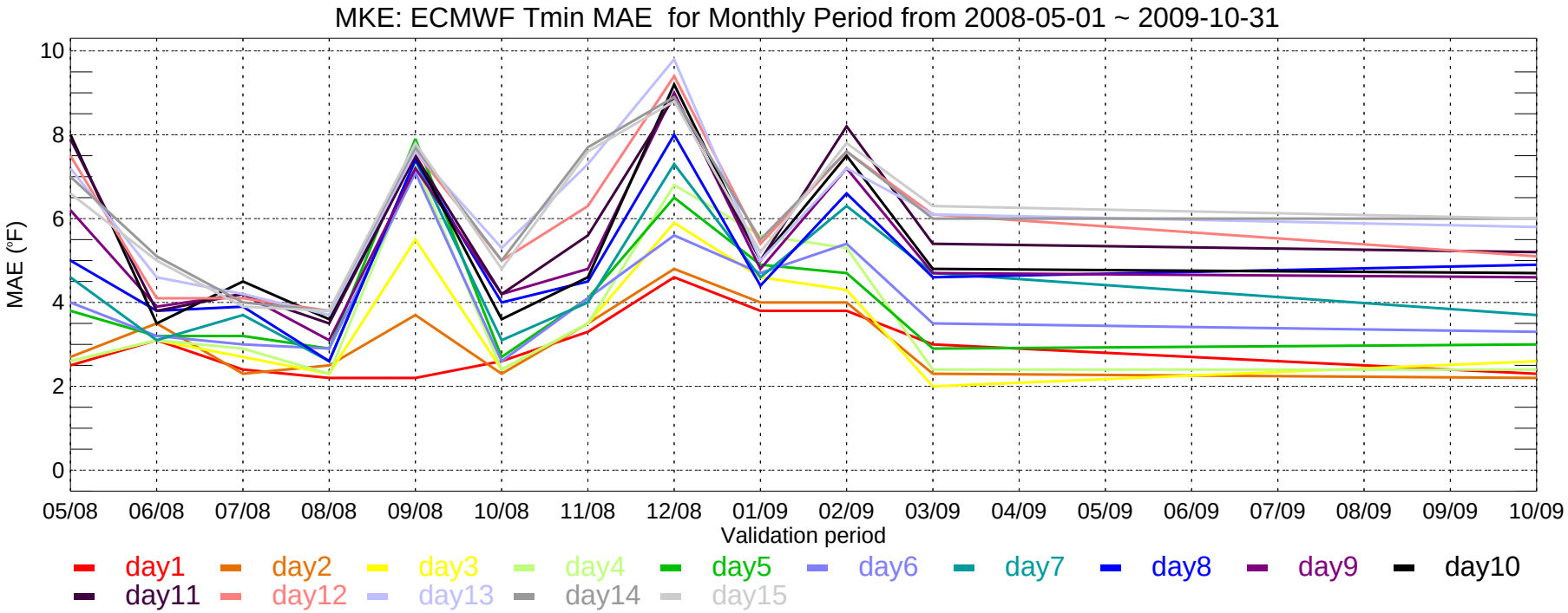
day14
day15


MKE: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day3
day4
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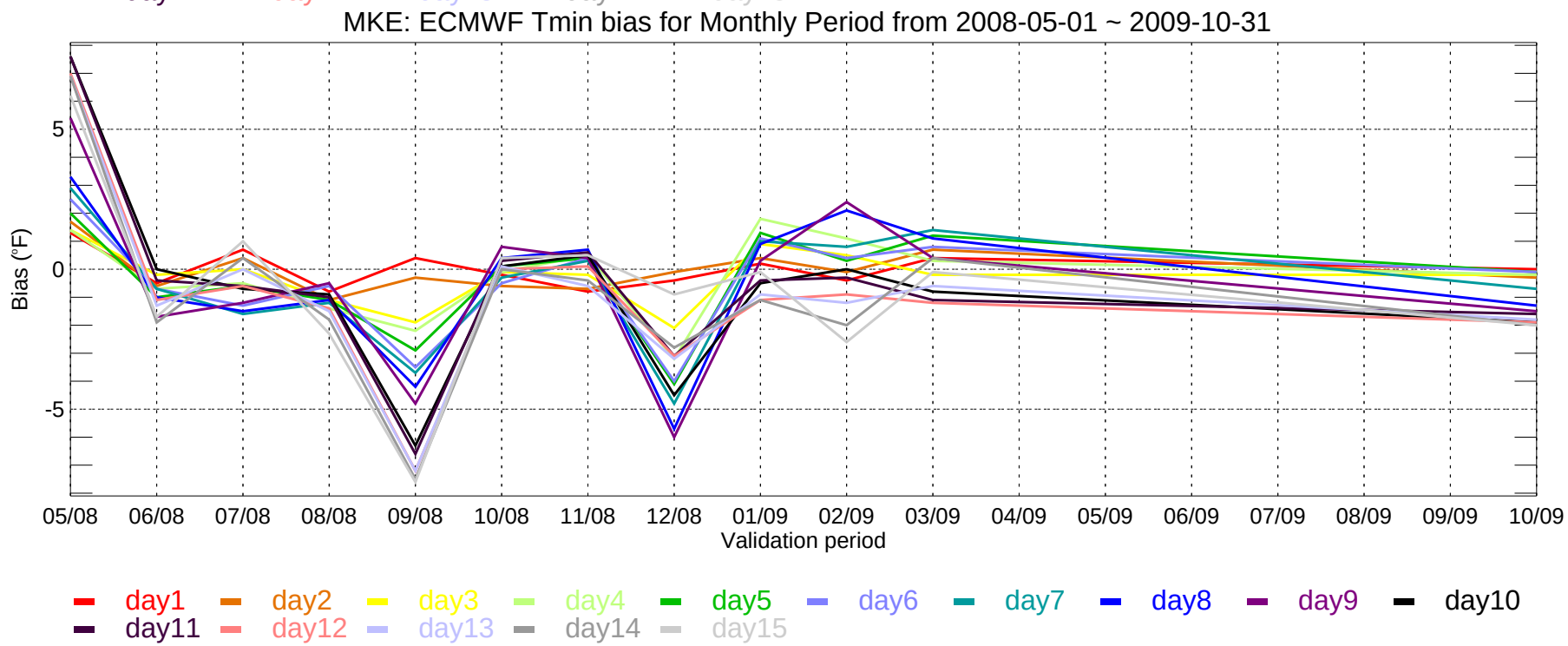
day14
day15


MKE: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
day11
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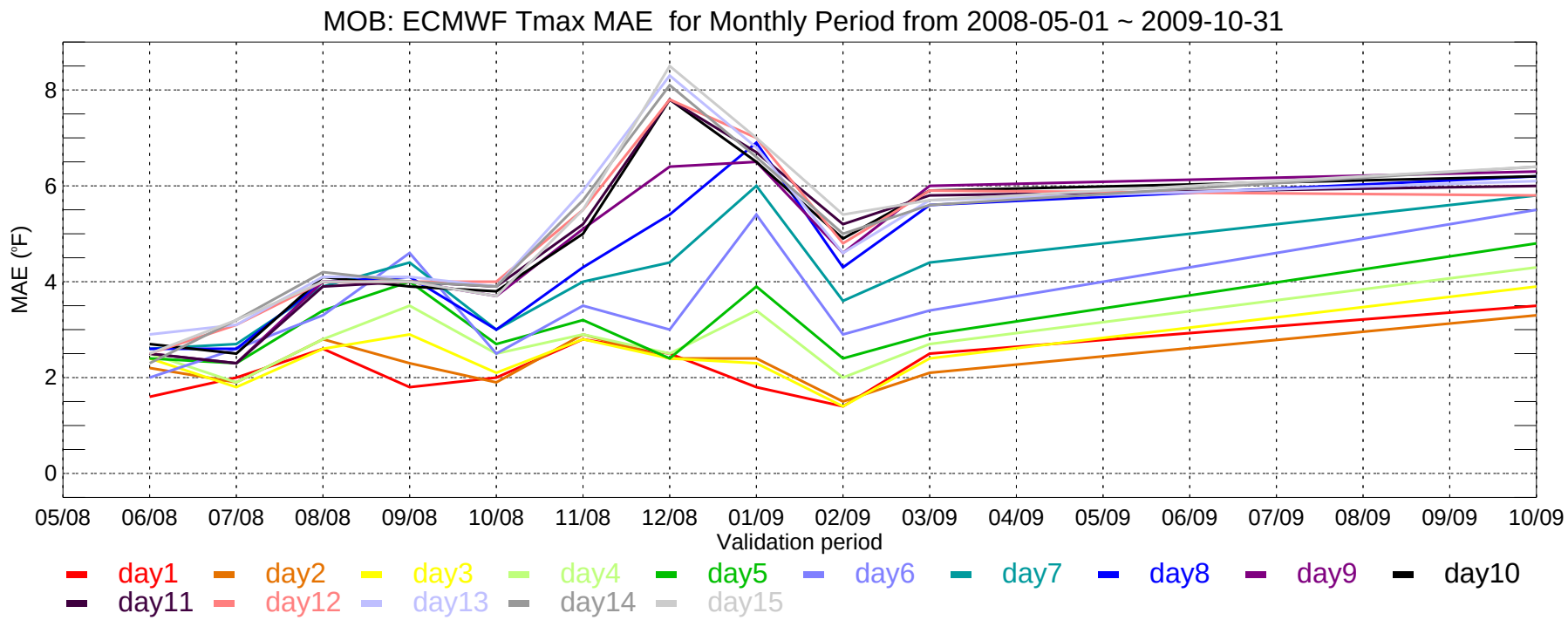
day13
day14
day15


MOB: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day8
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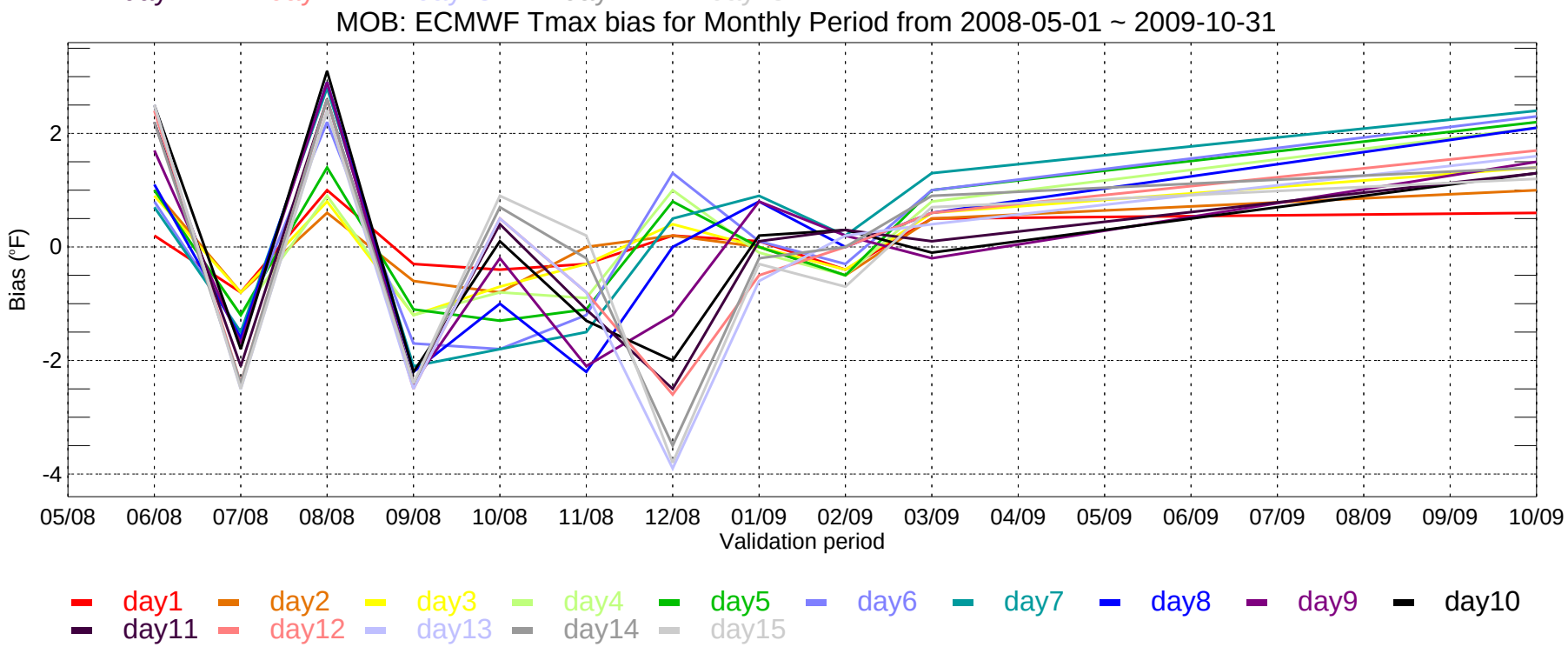
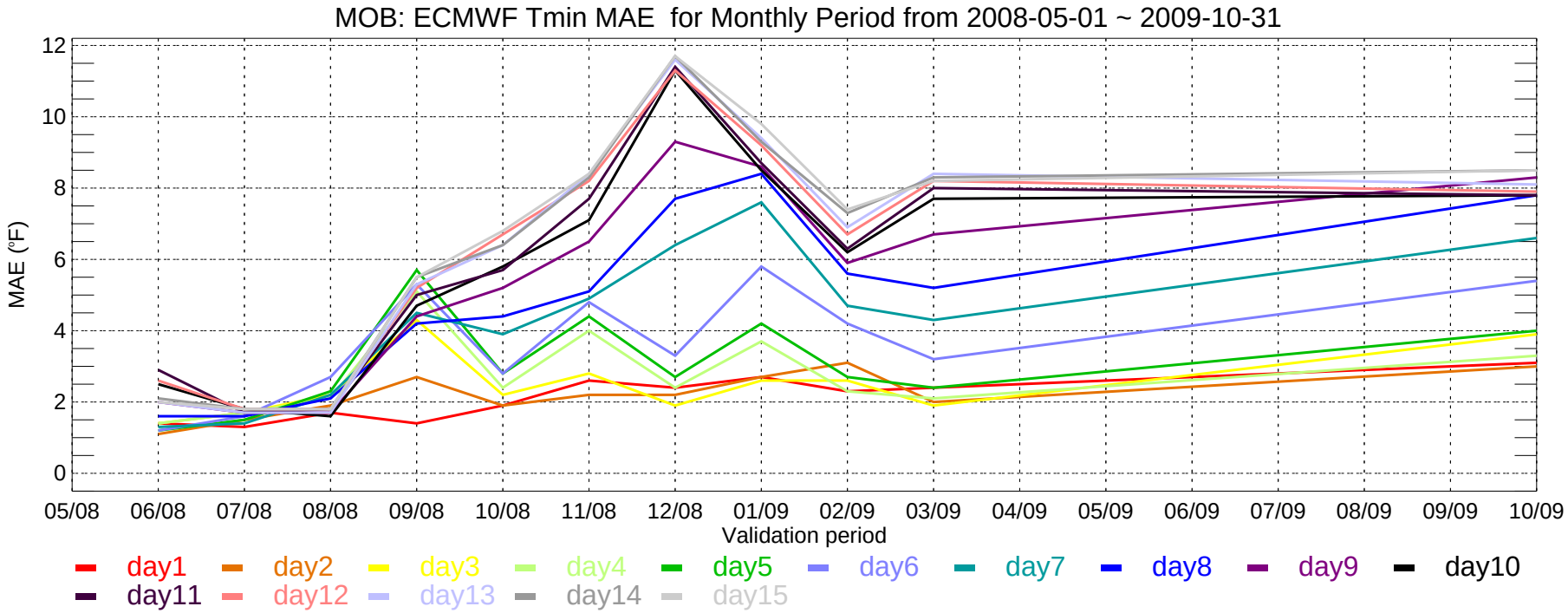
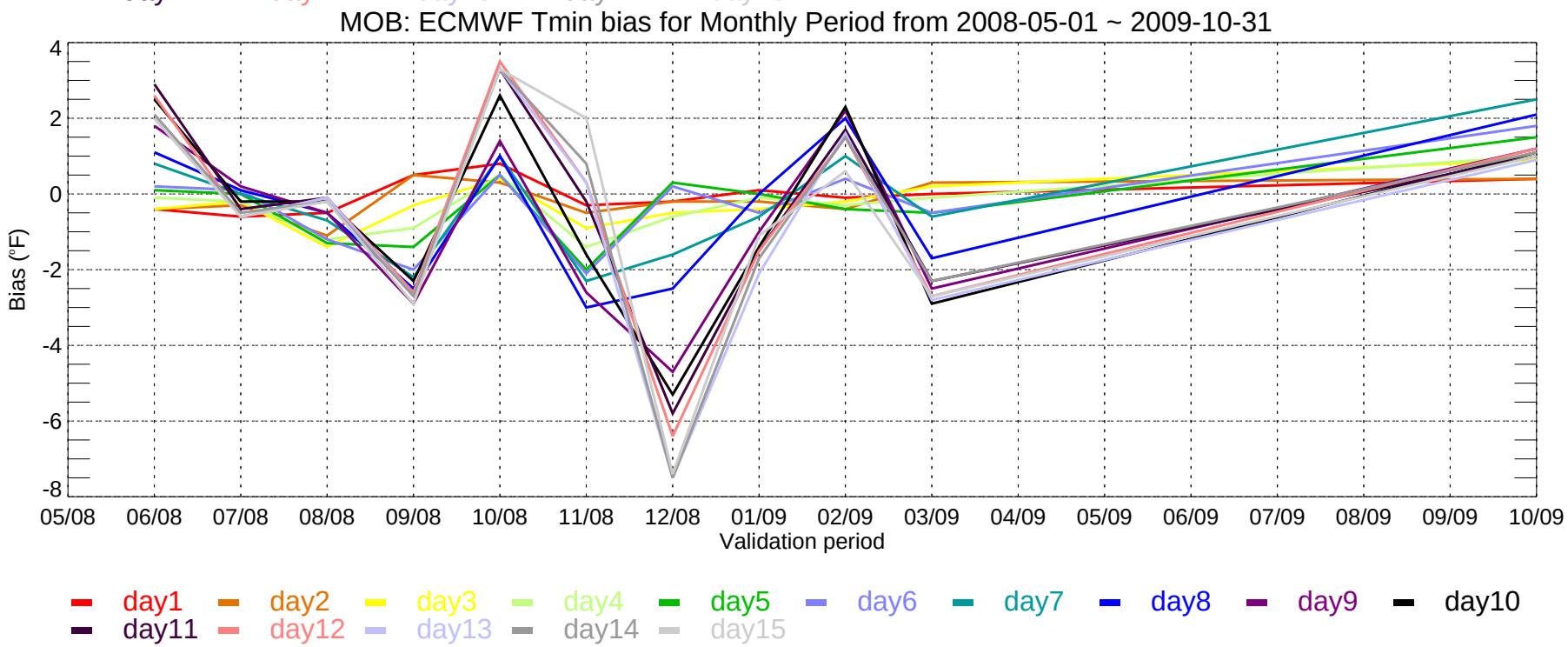
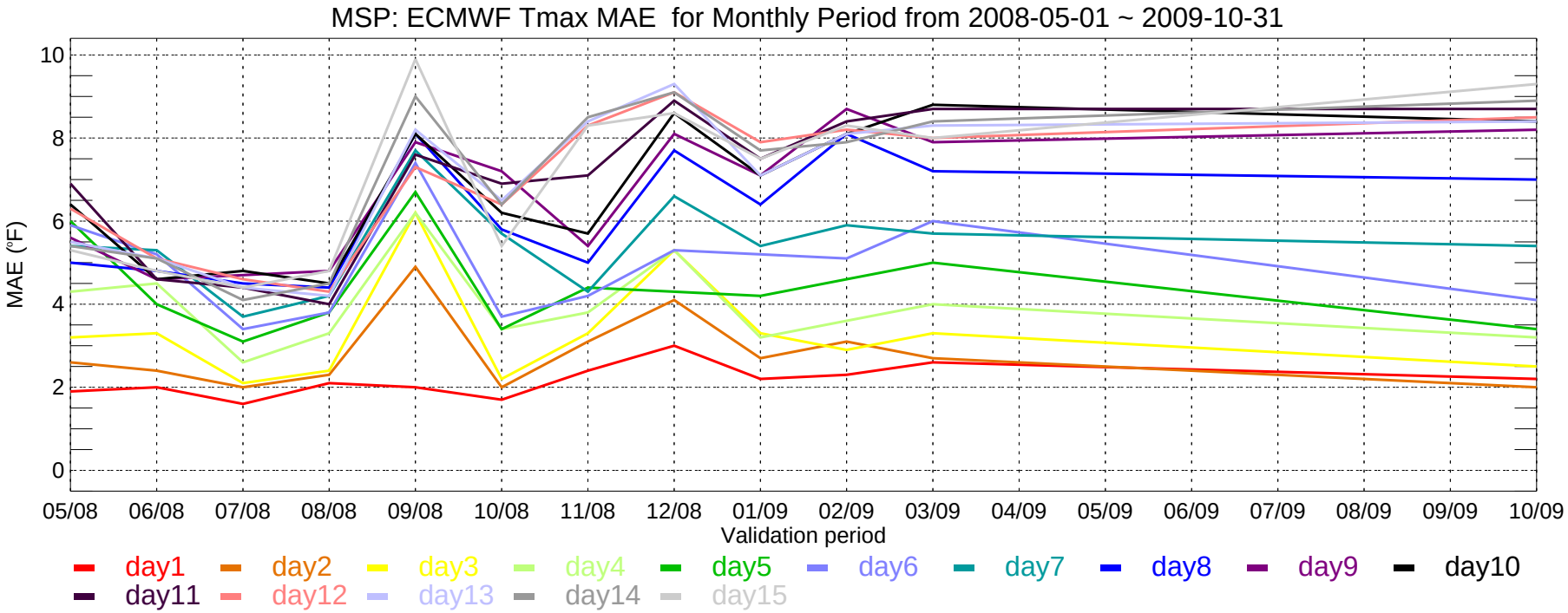
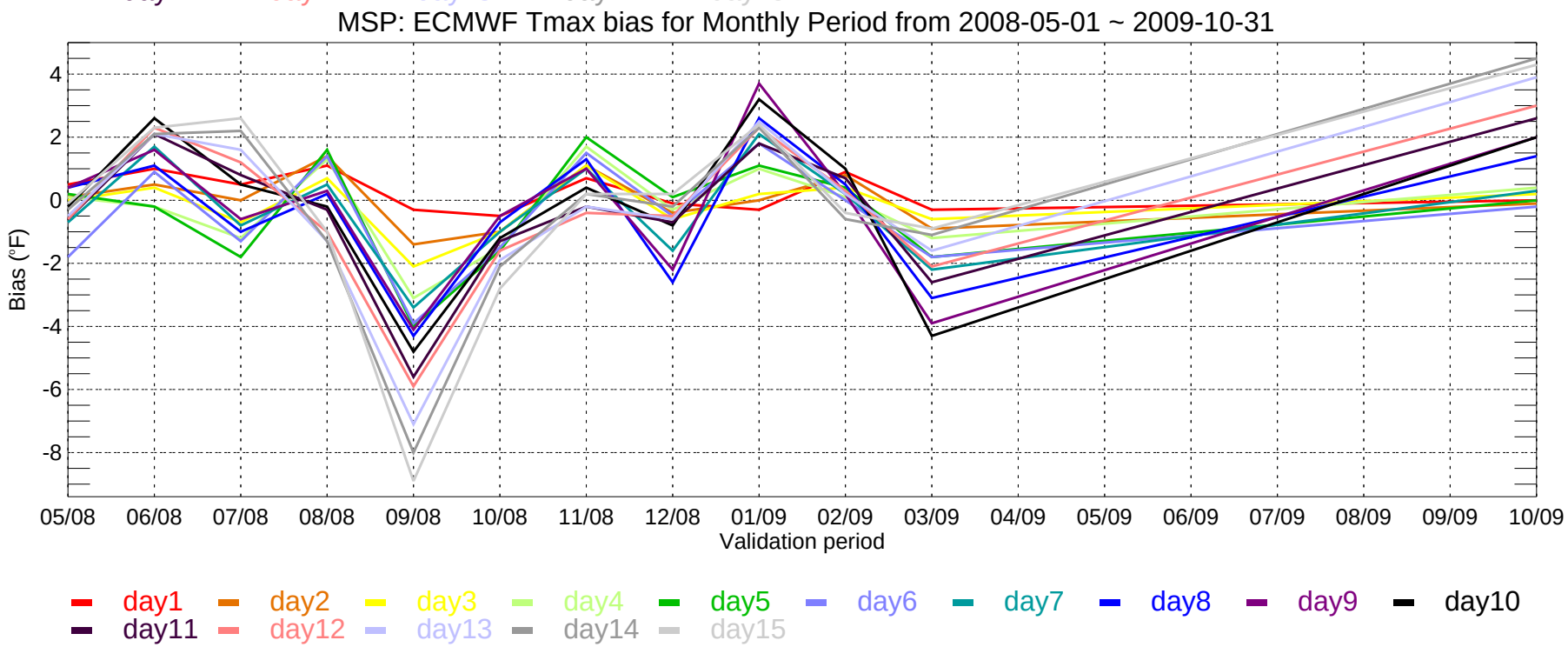
day11
day12
day13
day14
day15

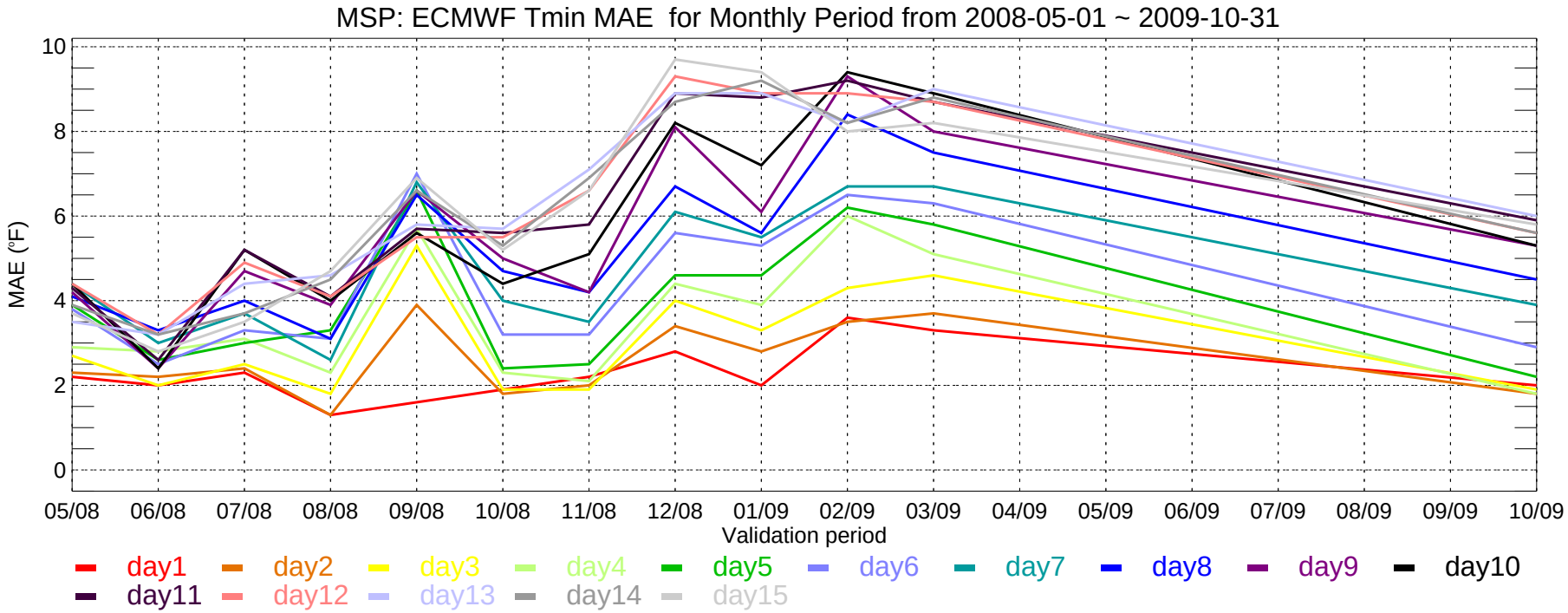

MOB: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

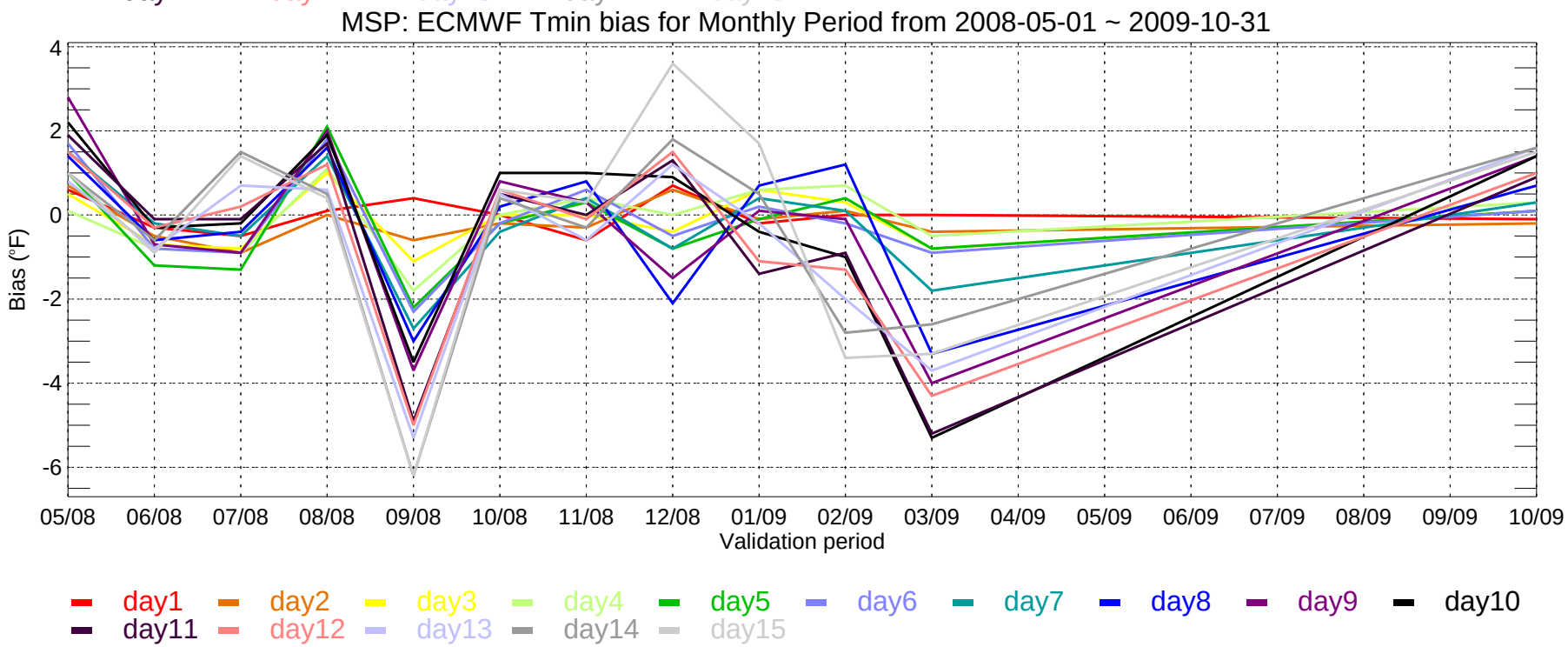

MOB: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MOB: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MSP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MSP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MSP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MSP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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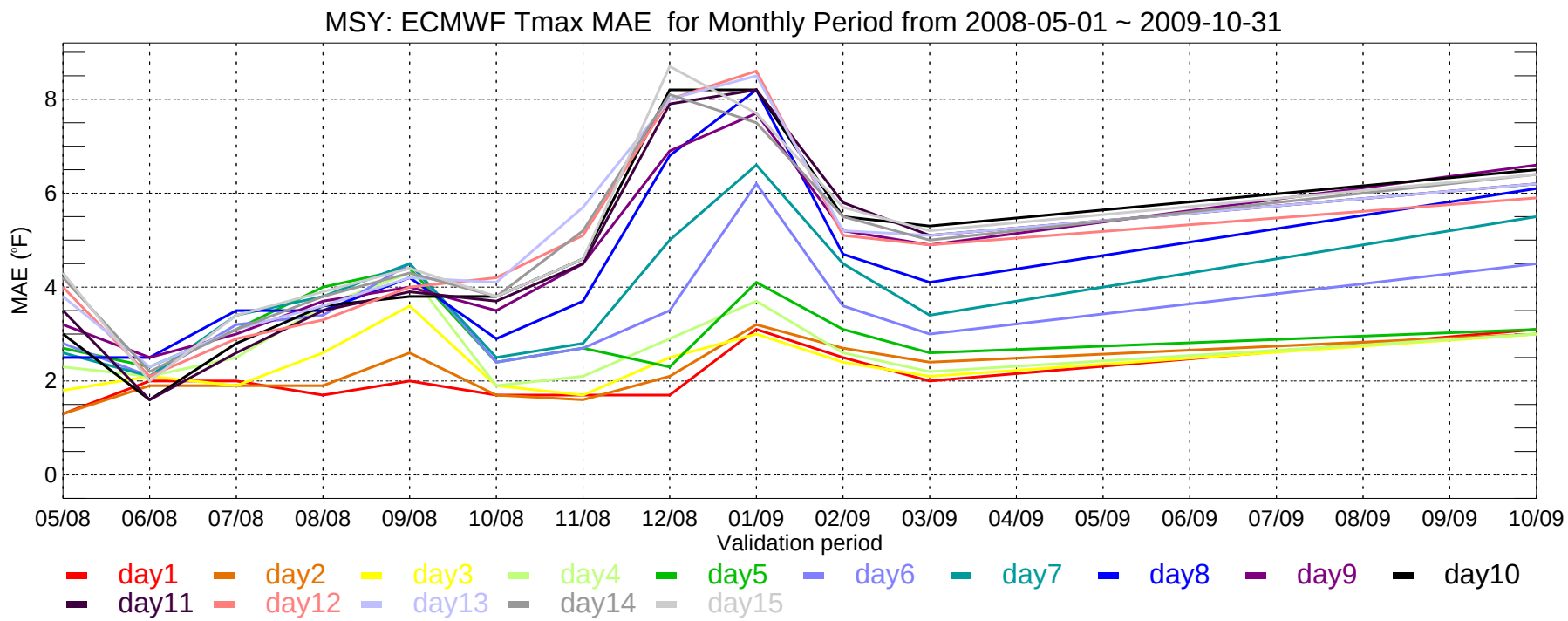
day10
day11
day12
day13
day14
day15


MSY: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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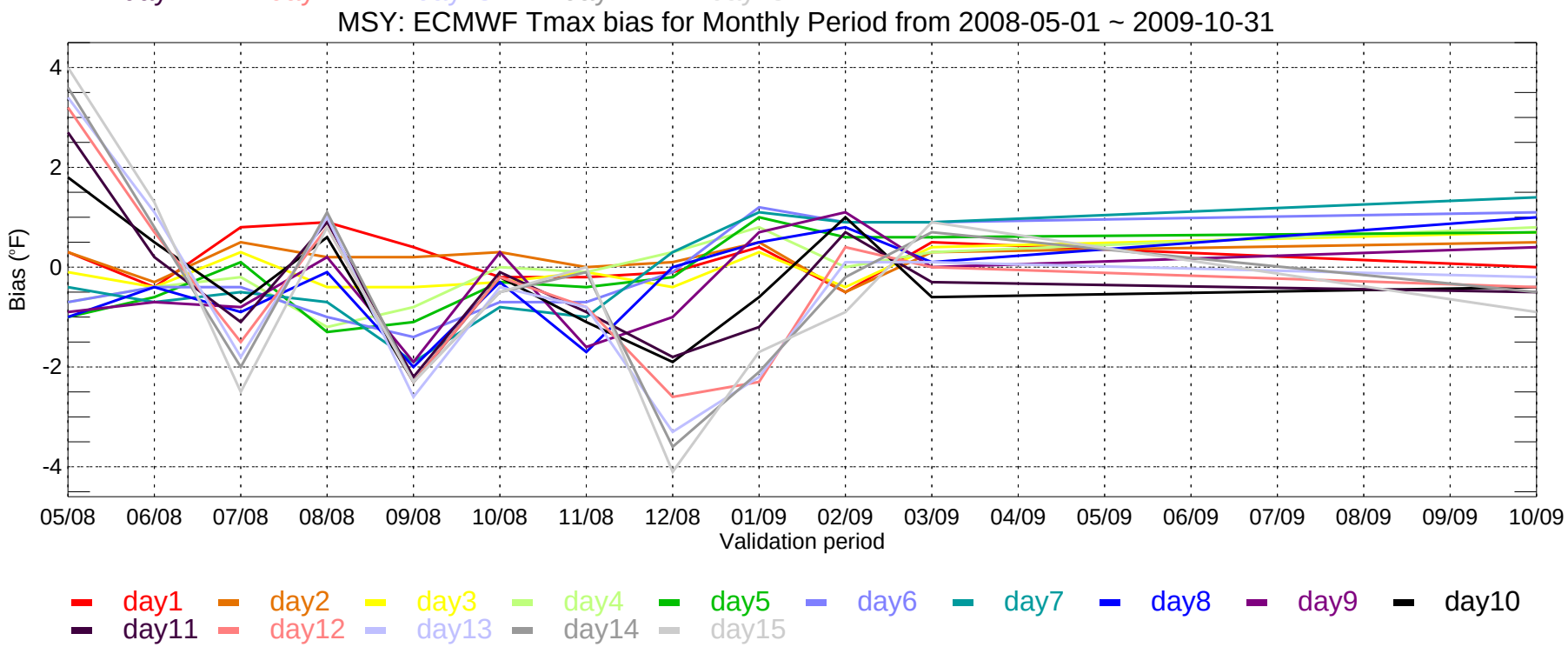
day10
day11
day12
day13
day14
day15


MSY: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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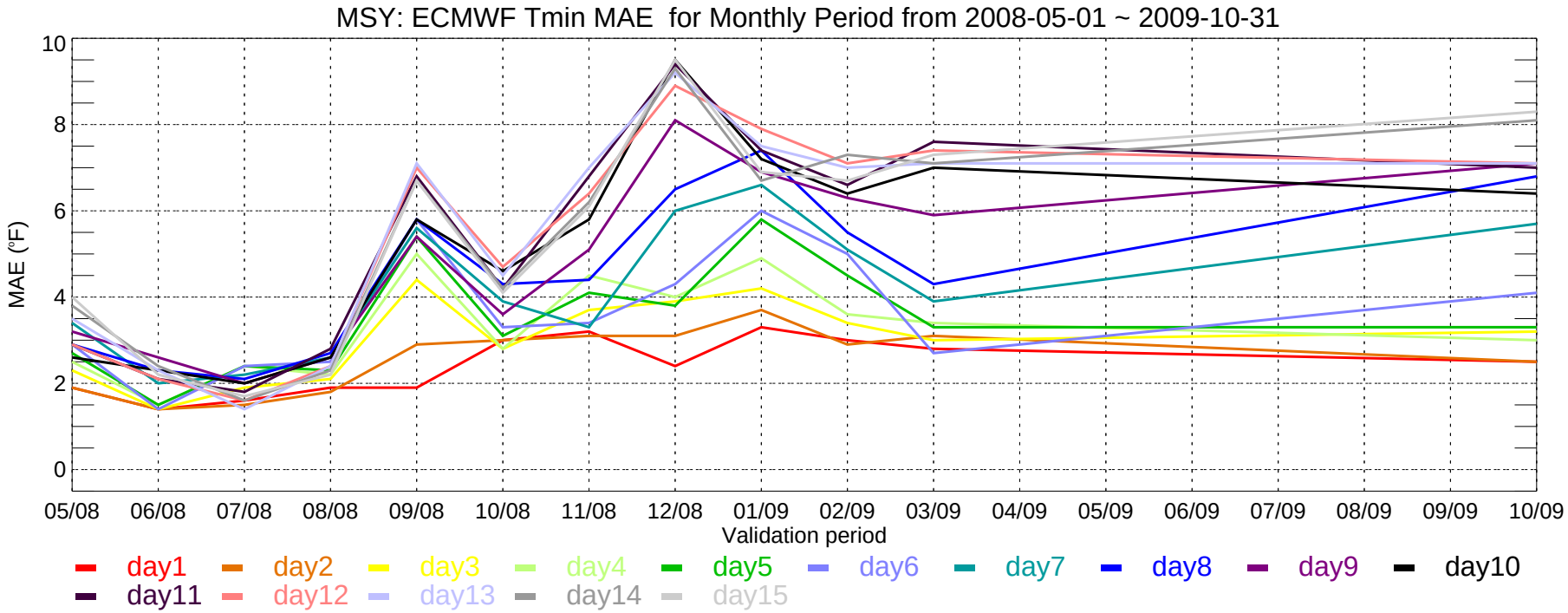
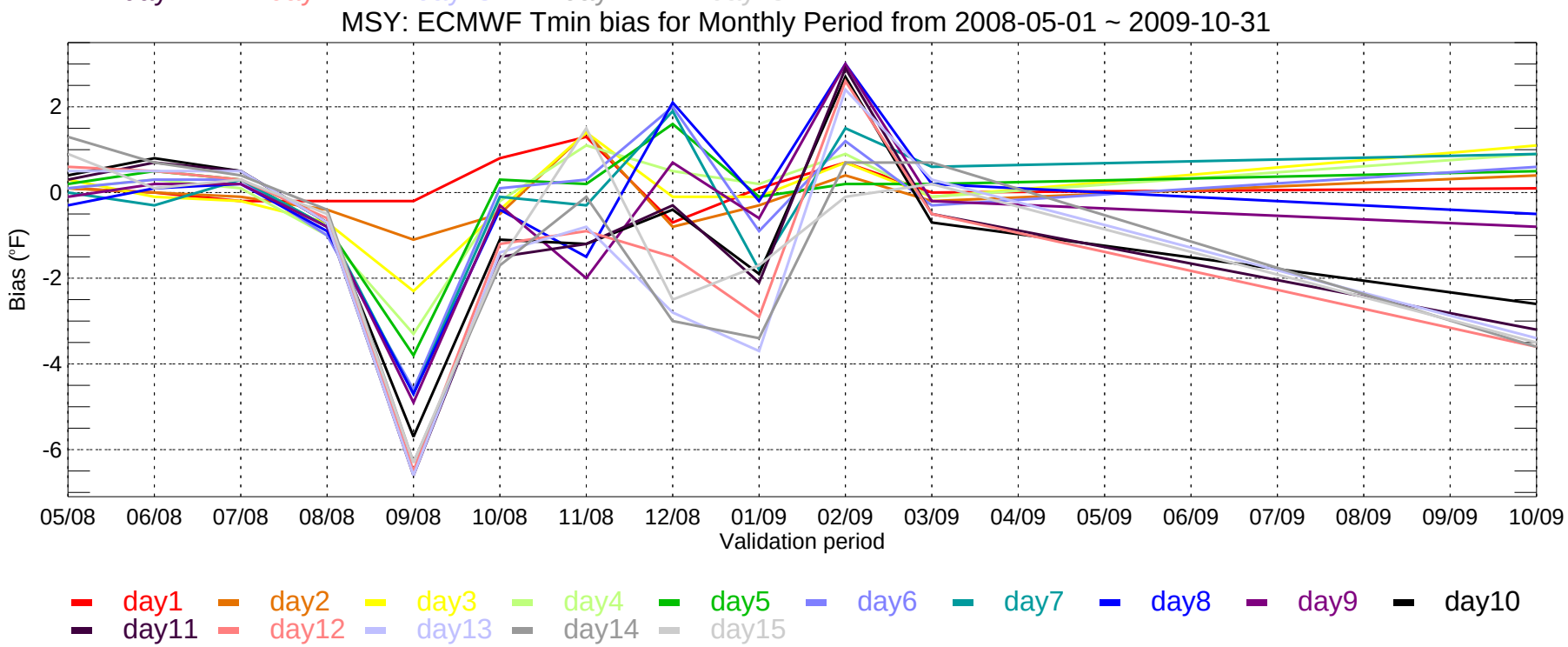
day10
day11
day12
day13
day14
day15


MSY: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MSY: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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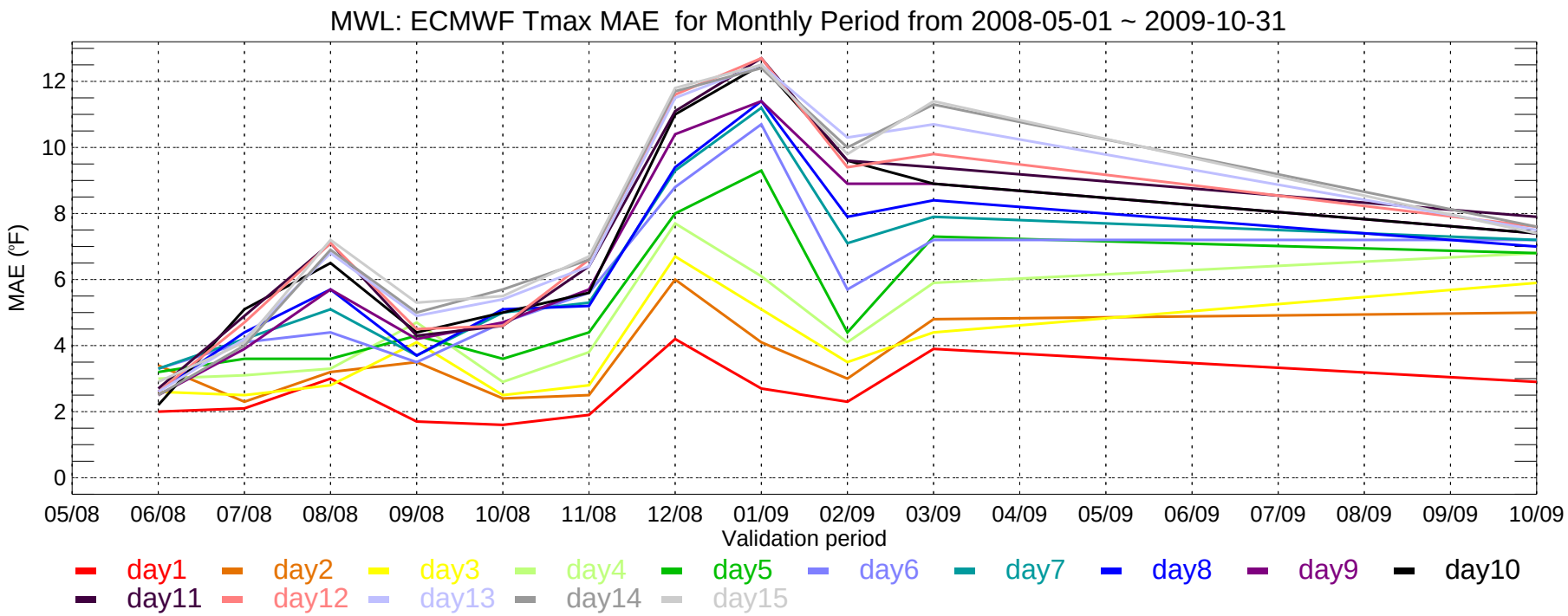
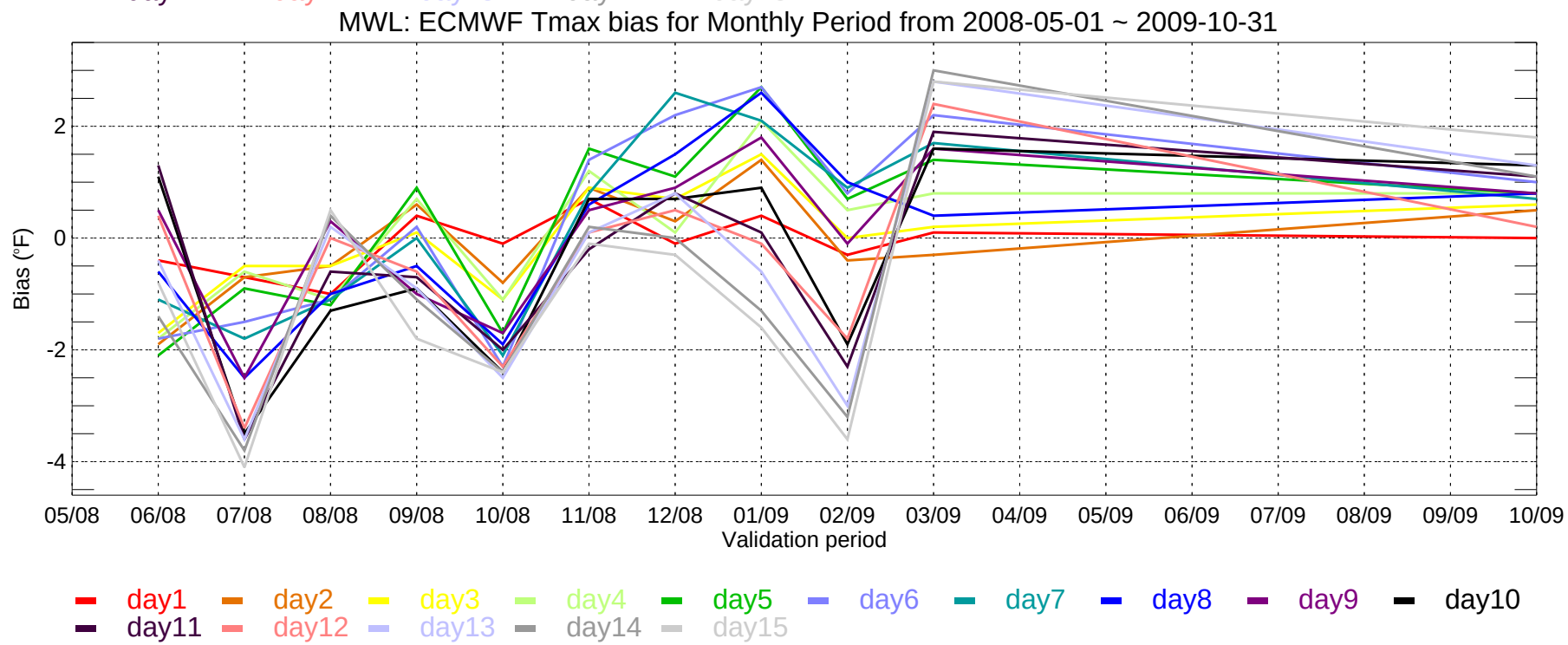
day10
day11
day12
day13
day14
day15


MWL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


MWL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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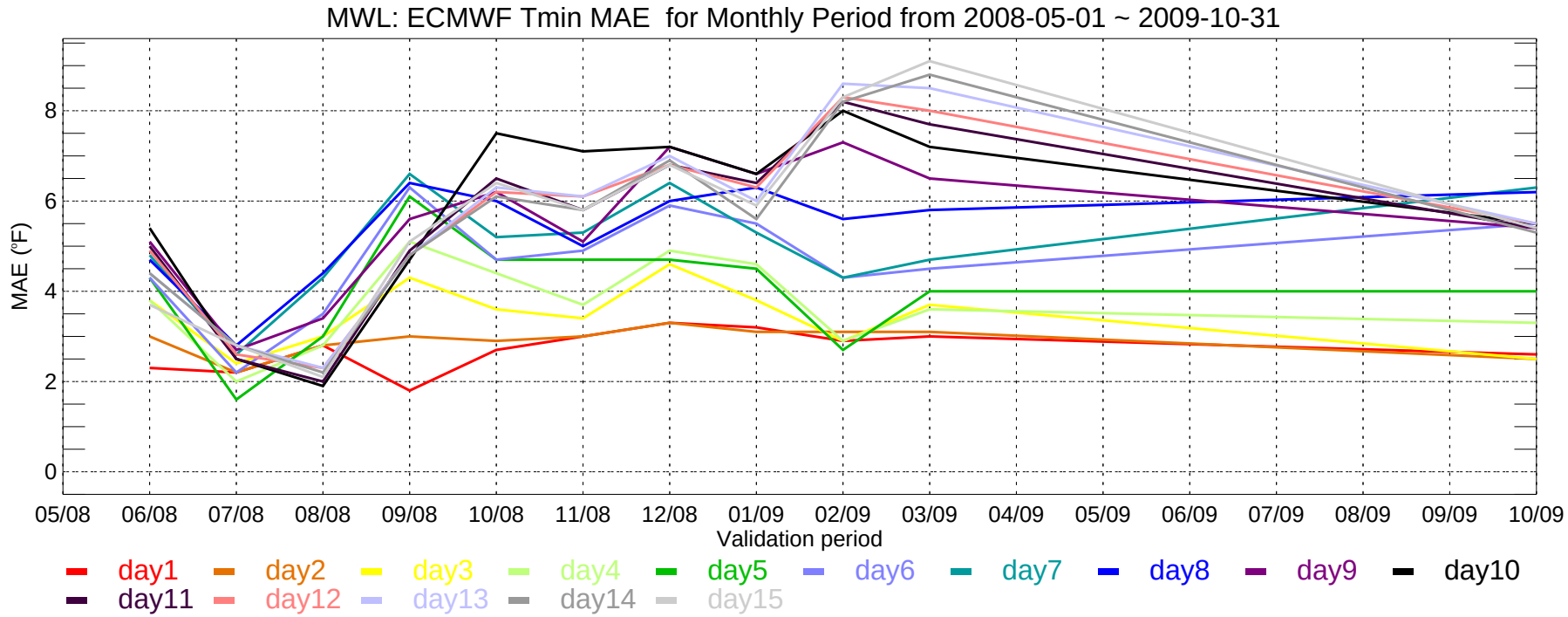
day10
day11
day12
day13
day14
day15


MWL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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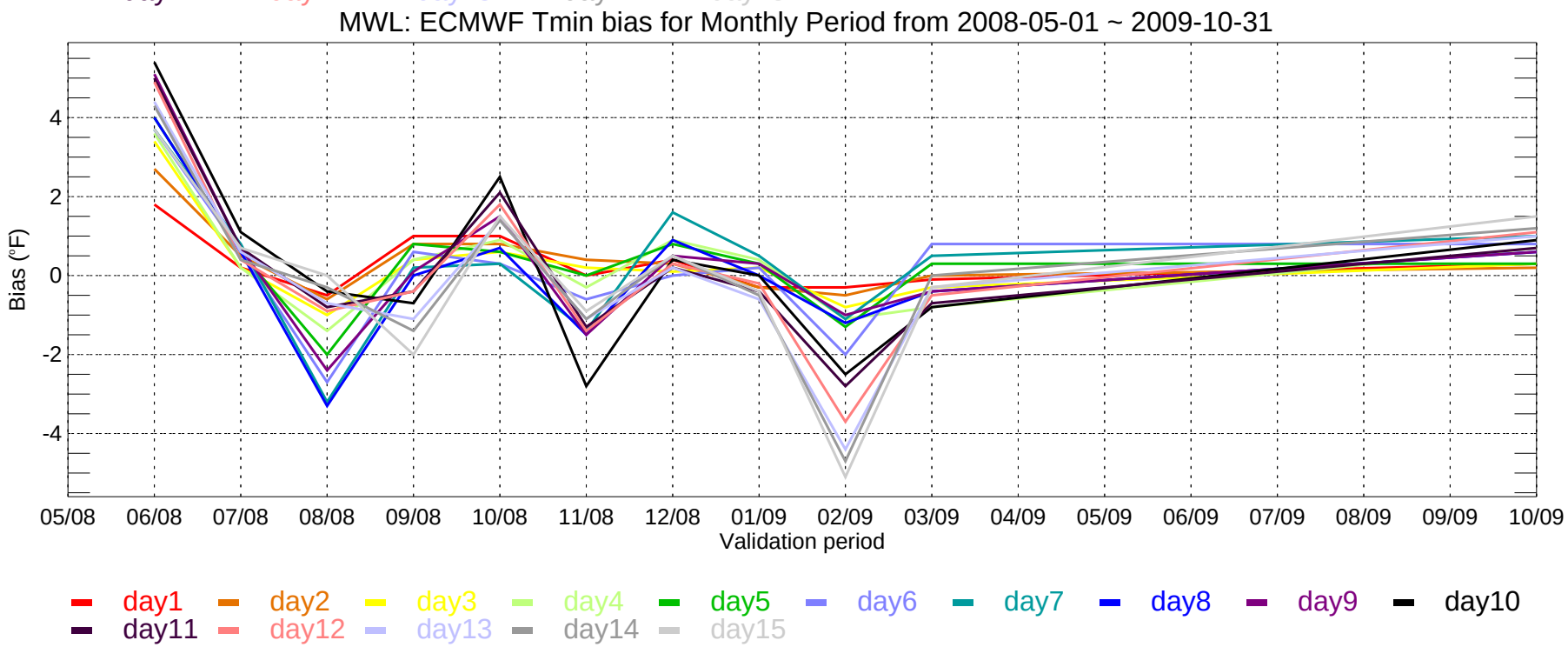
day10
day11
day12
day13
day14
day15


MWL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
day11
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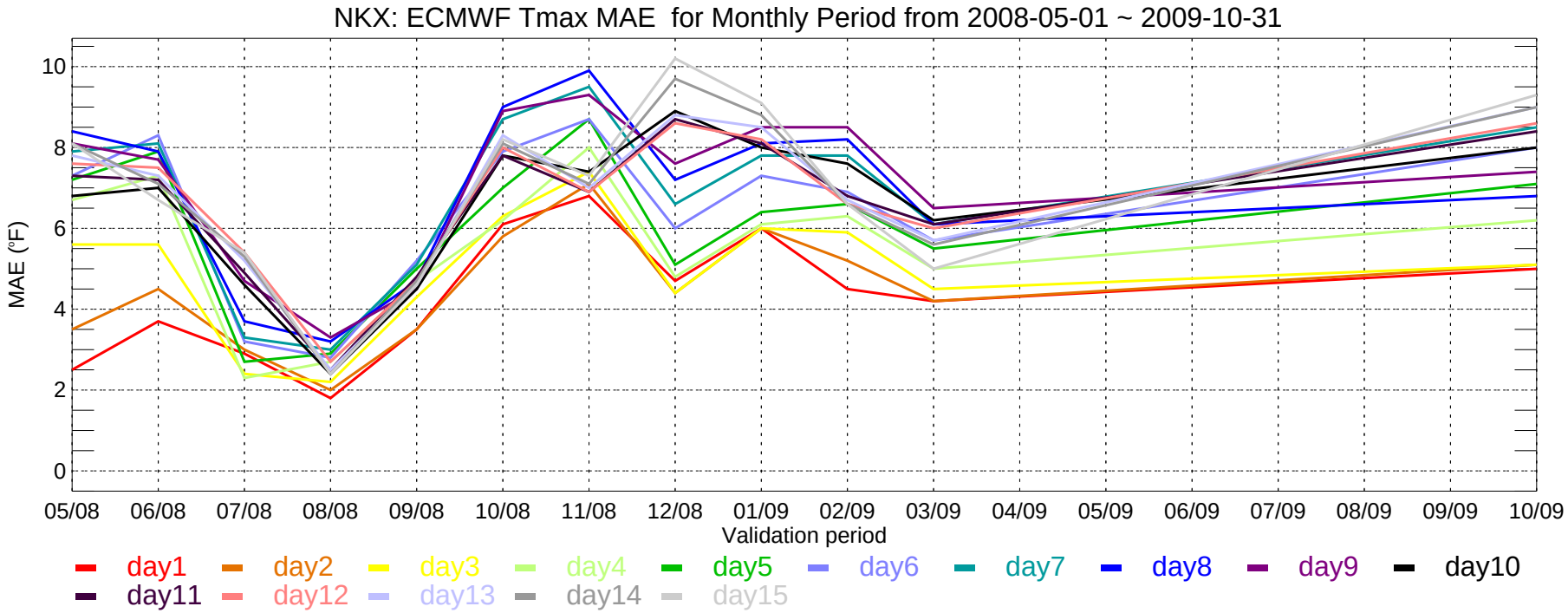
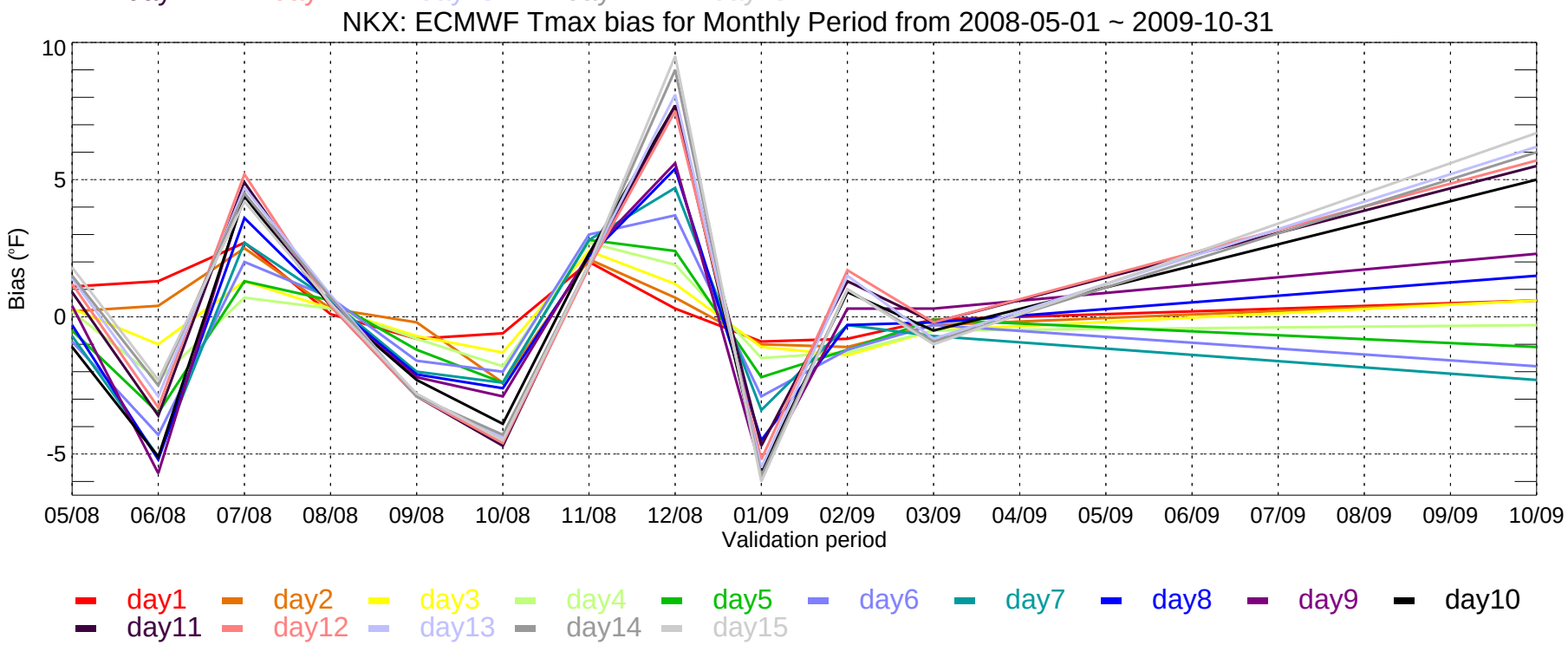
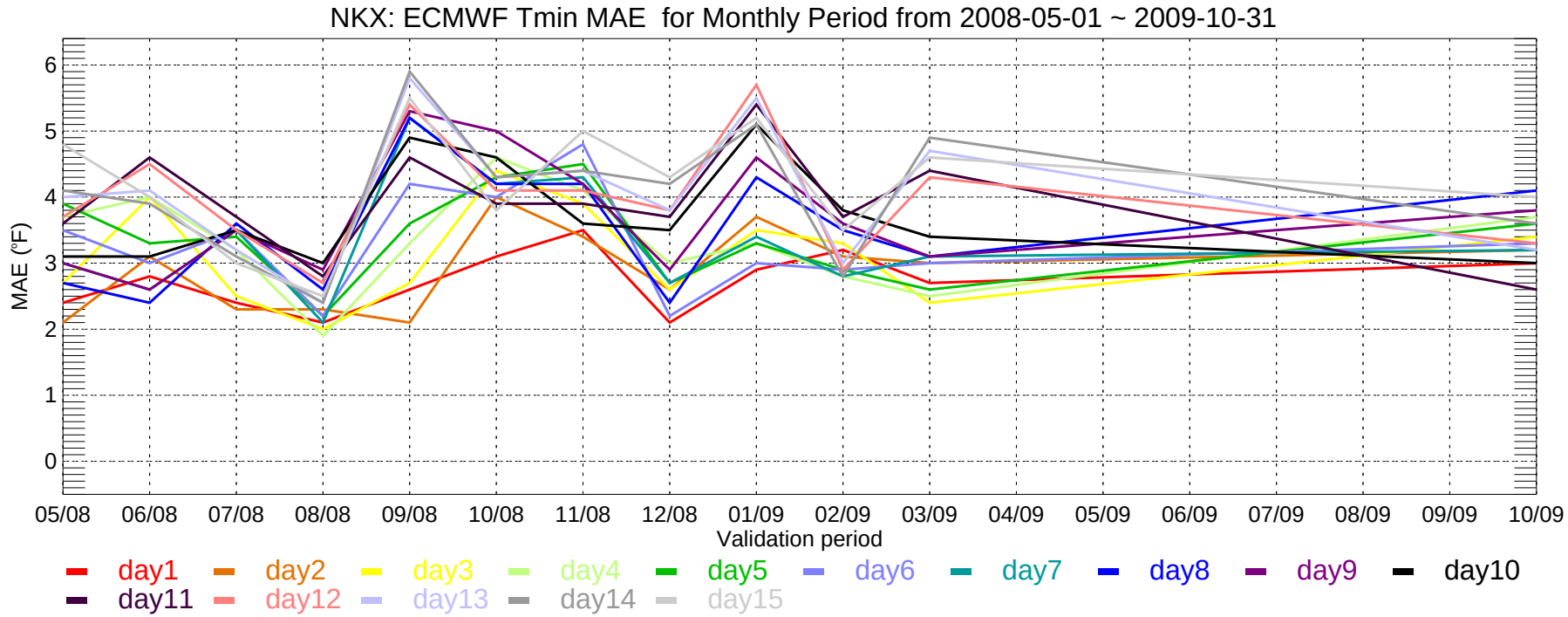
day13
day14
day15


NKX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


NKX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
10
5
0
-5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


NKX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
1
2
3
4
5
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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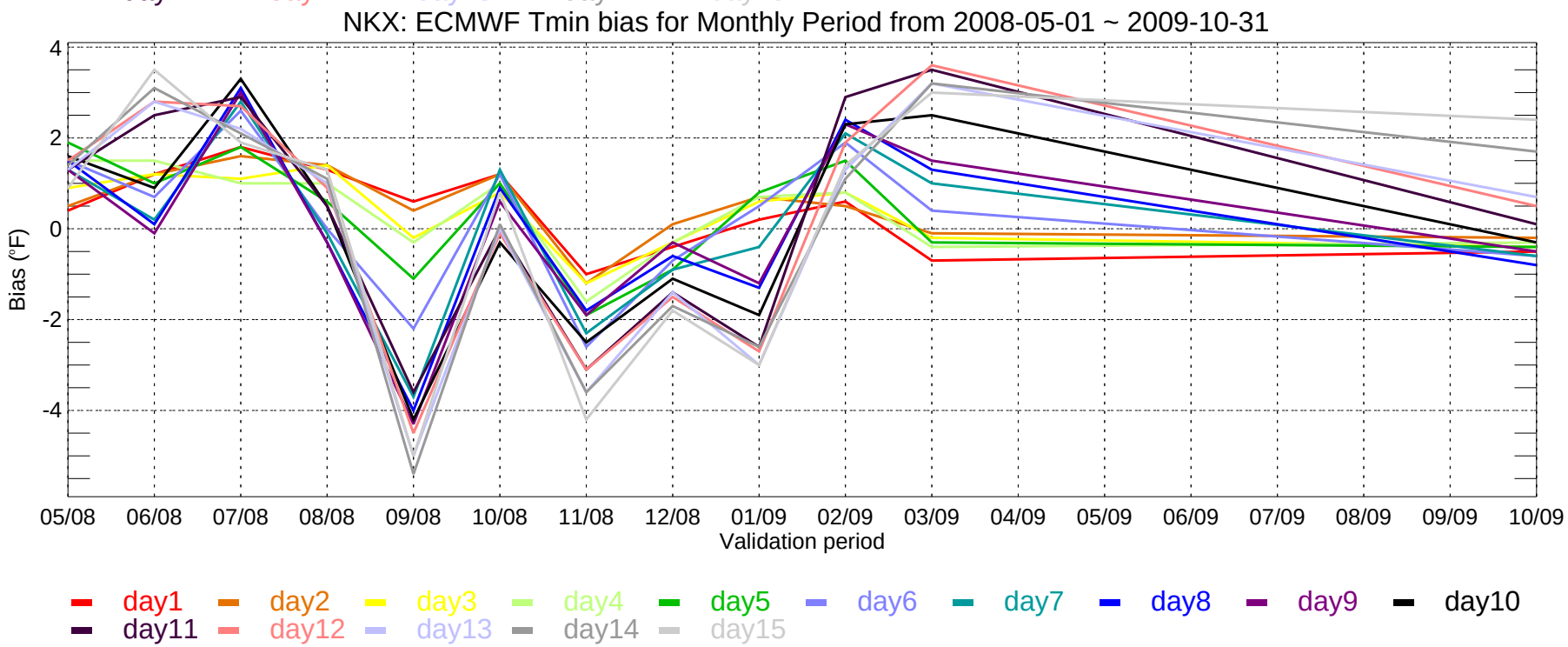
day10
day11
day12
day13
day14
day15


NKX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day11
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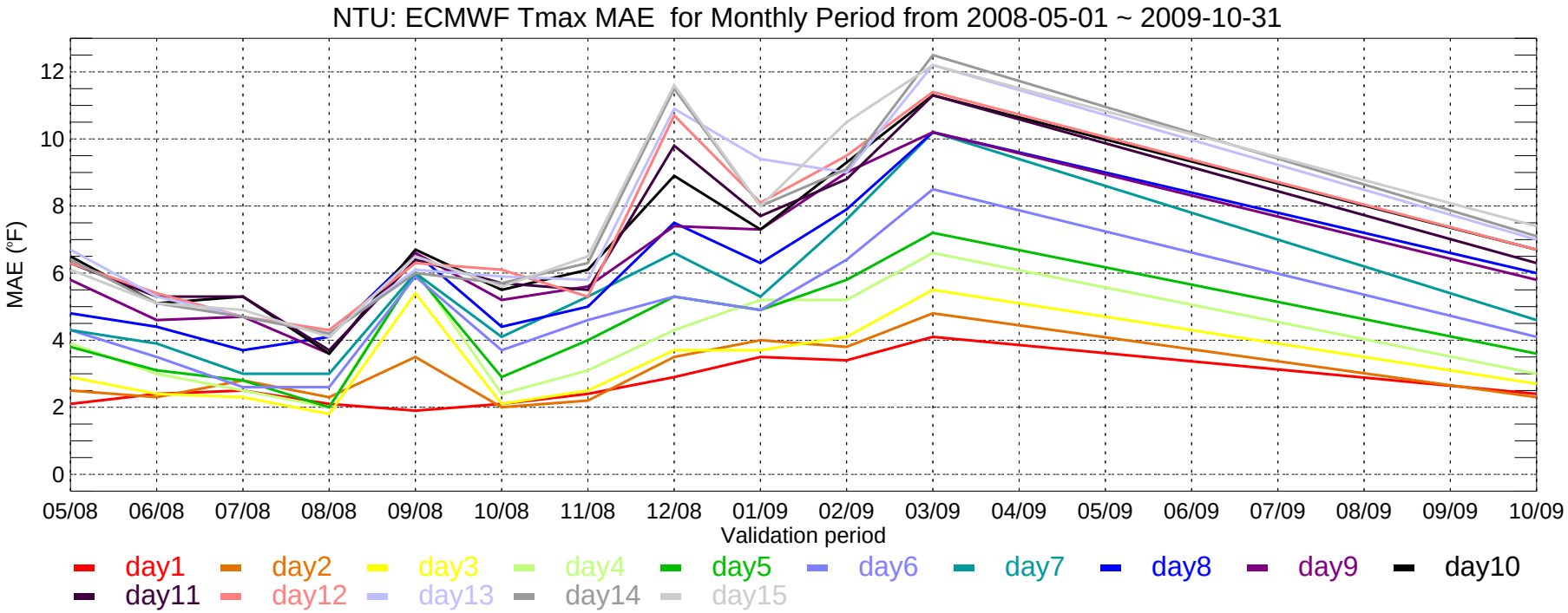
day13
day14
day15


NTU: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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day11
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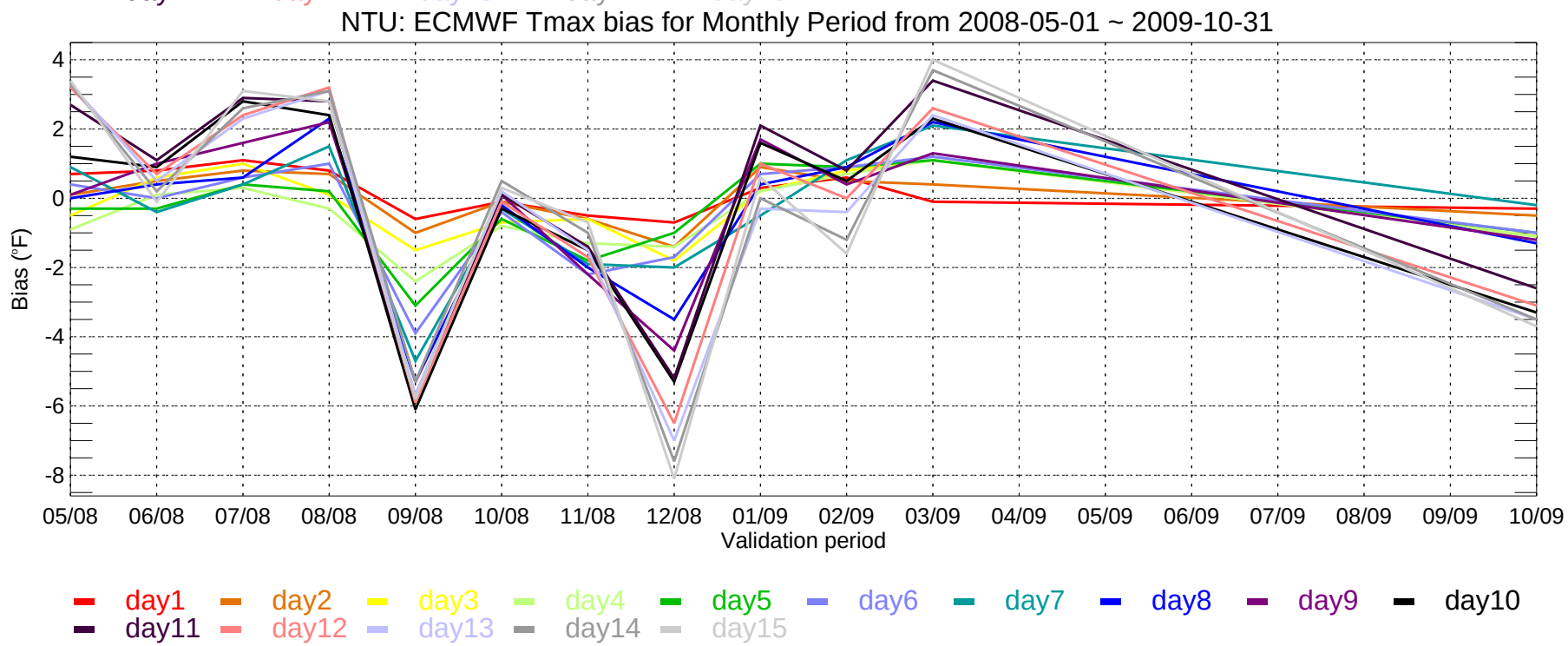
day14
day15


NTU: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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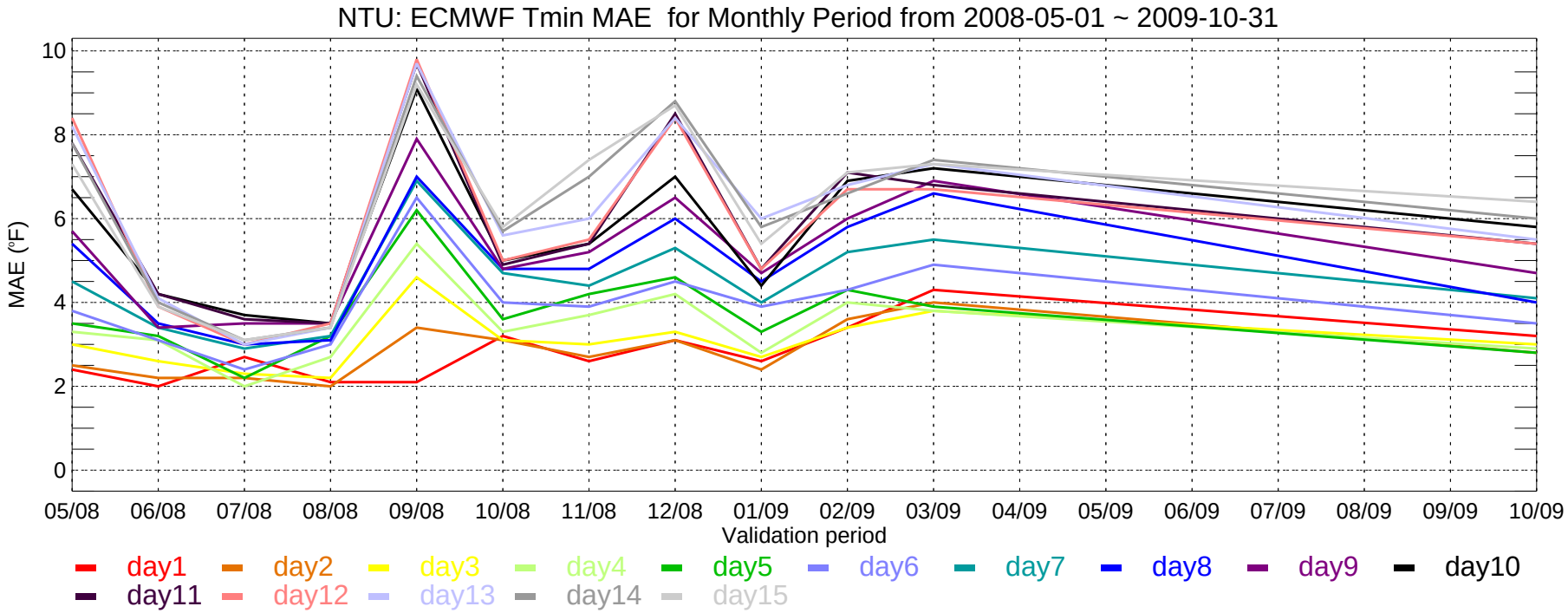
day14
day15


NTU: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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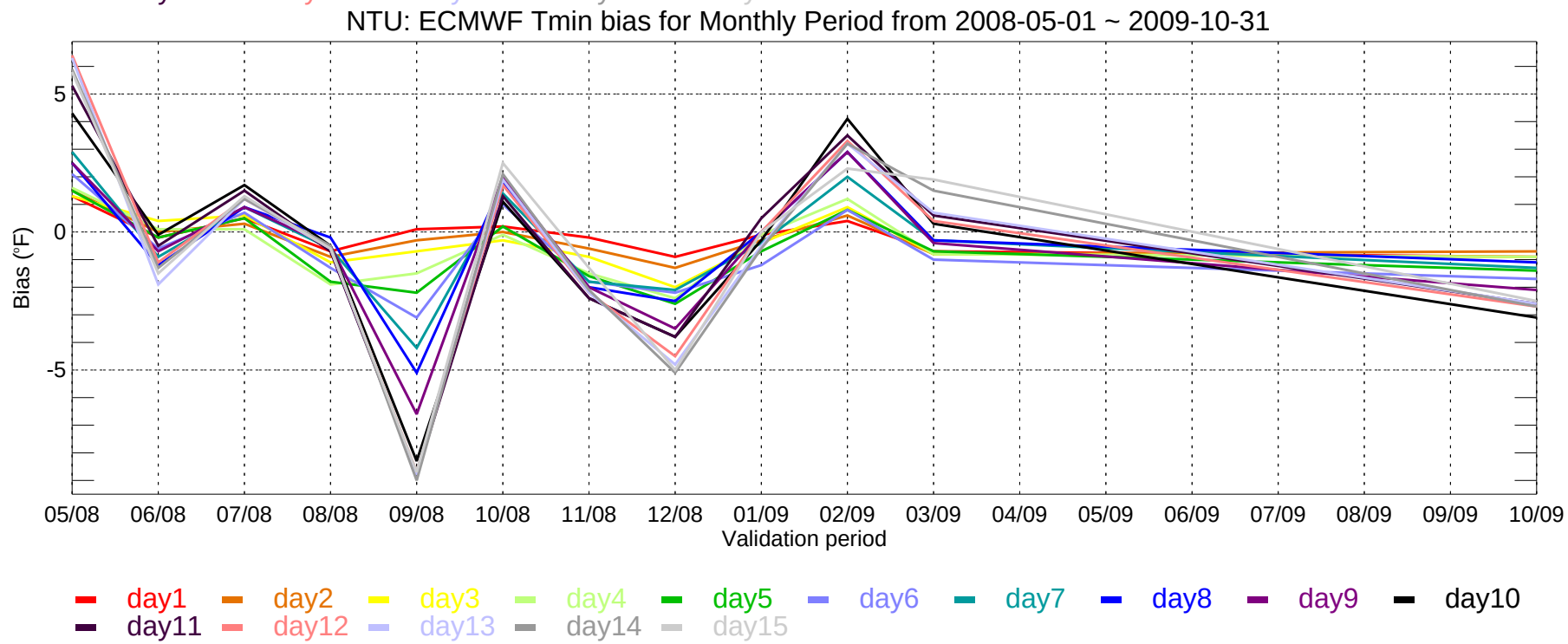
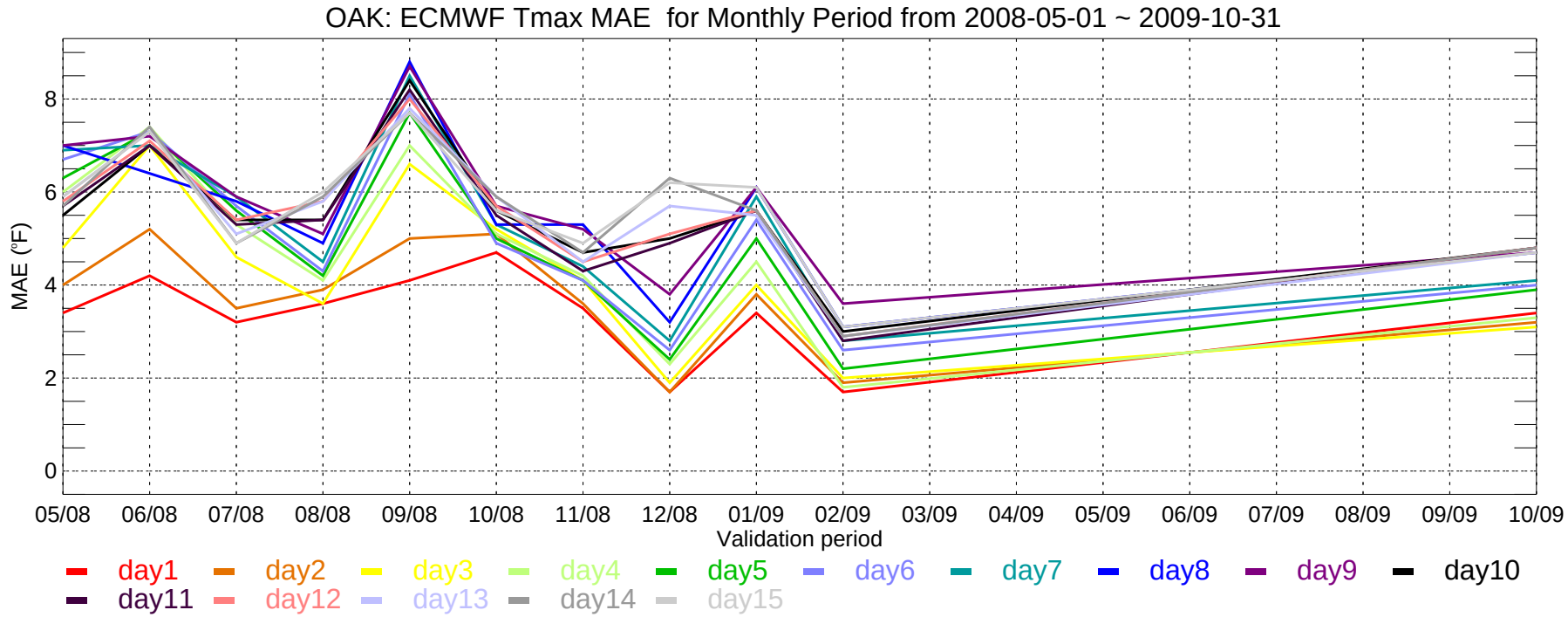
day11
day12
day13
day14
day15


NTU: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


OAK: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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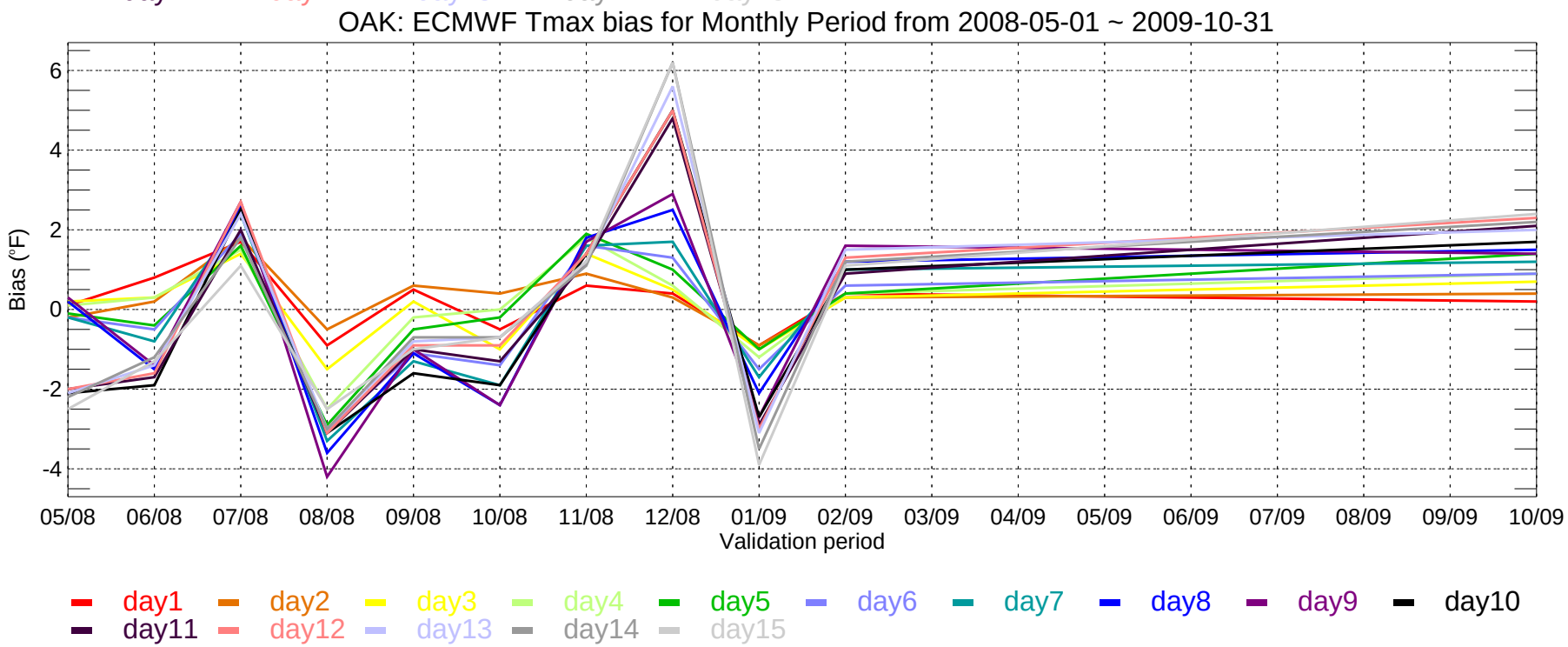
day11
day12
day13
day14
day15


OAK: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day11
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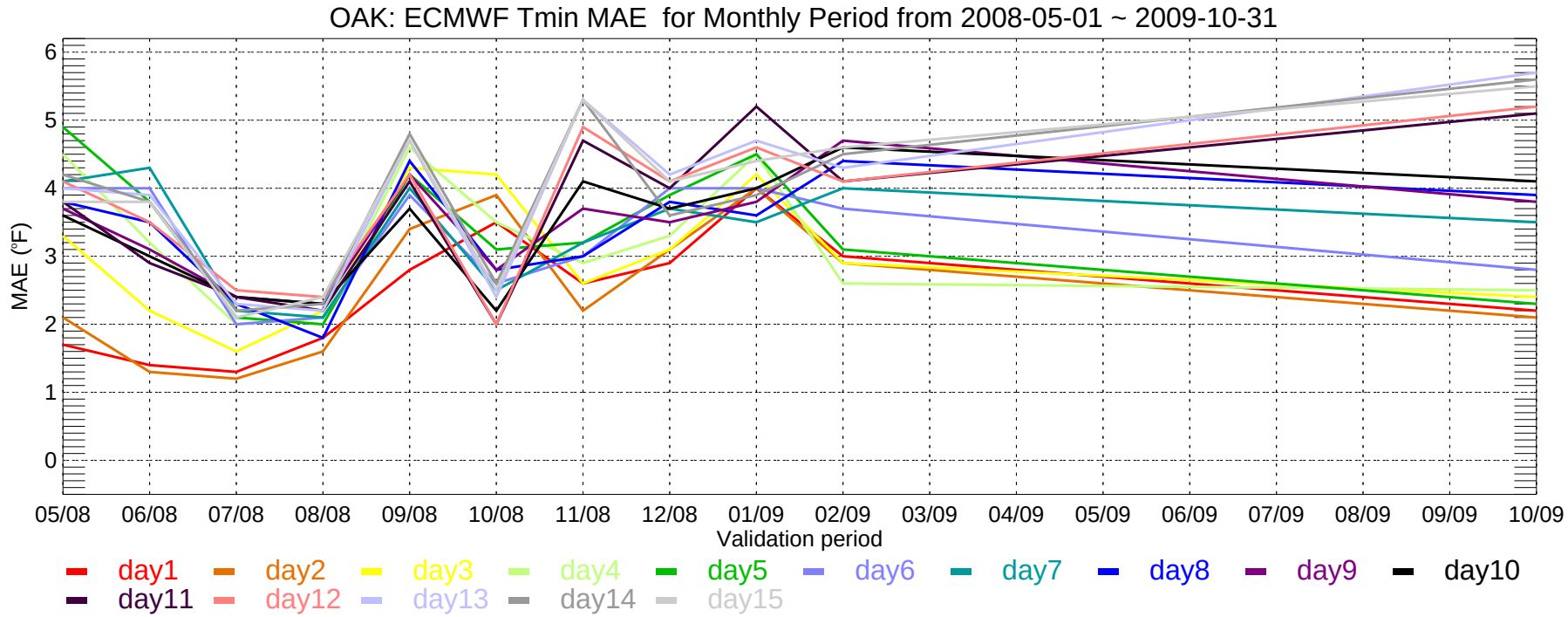
day13
day14
day15


OAK: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
6
5
4
3
2
1
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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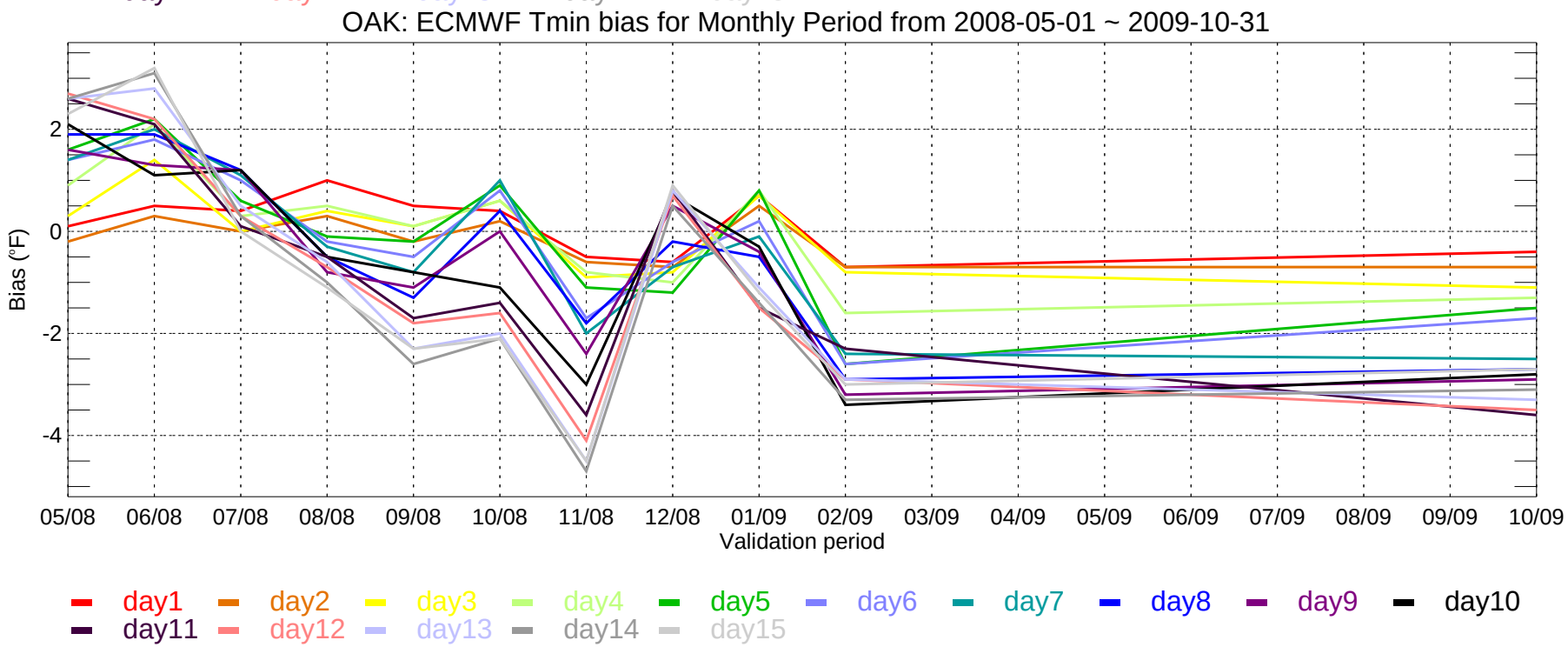
day10
day11
day12
day13
day14
day15


OAK: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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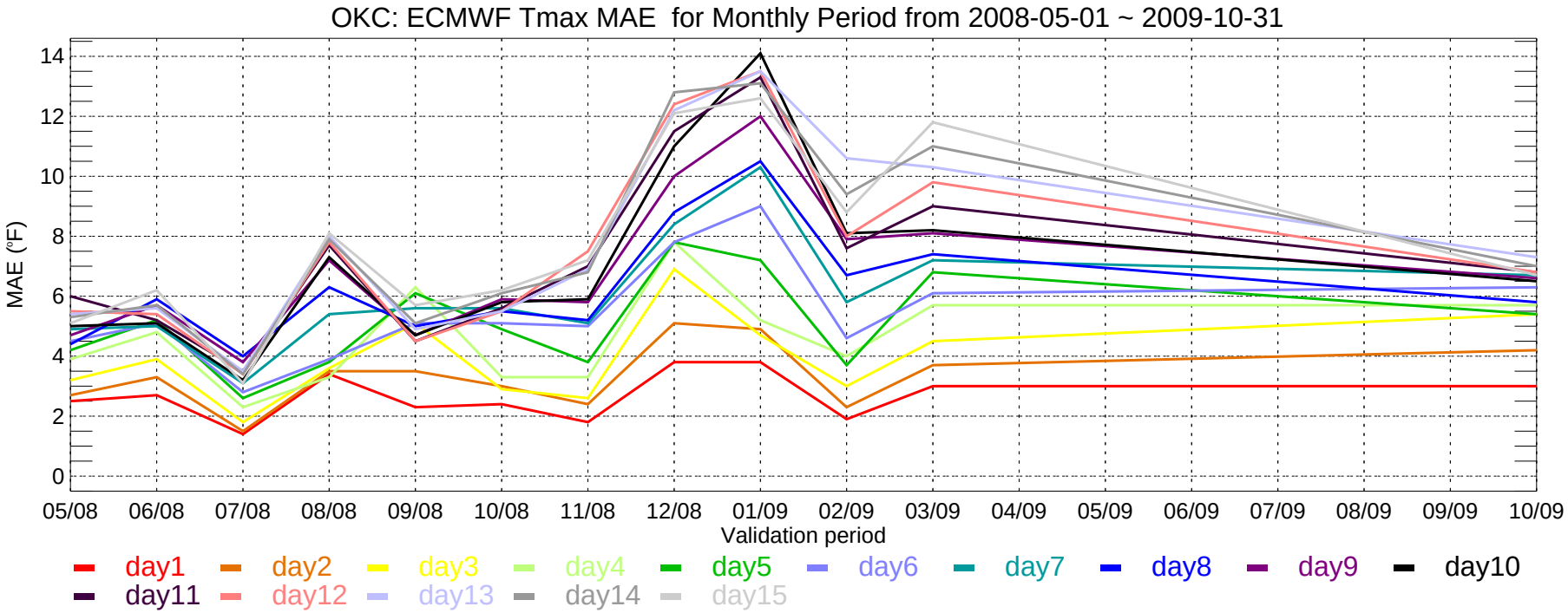
day10
day11
day12
day13
day14
day15


OKC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
14
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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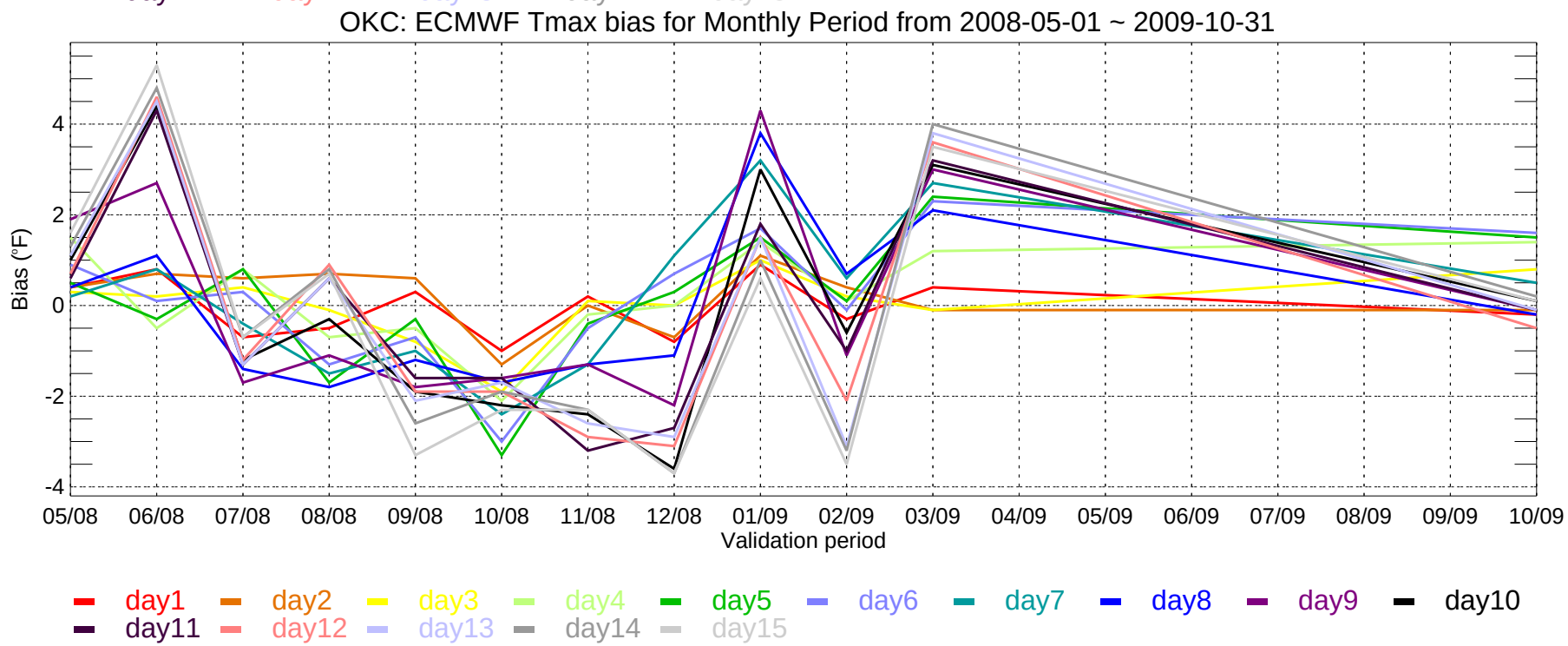
day10
day11
day12
day13
day14
day15


OKC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day4
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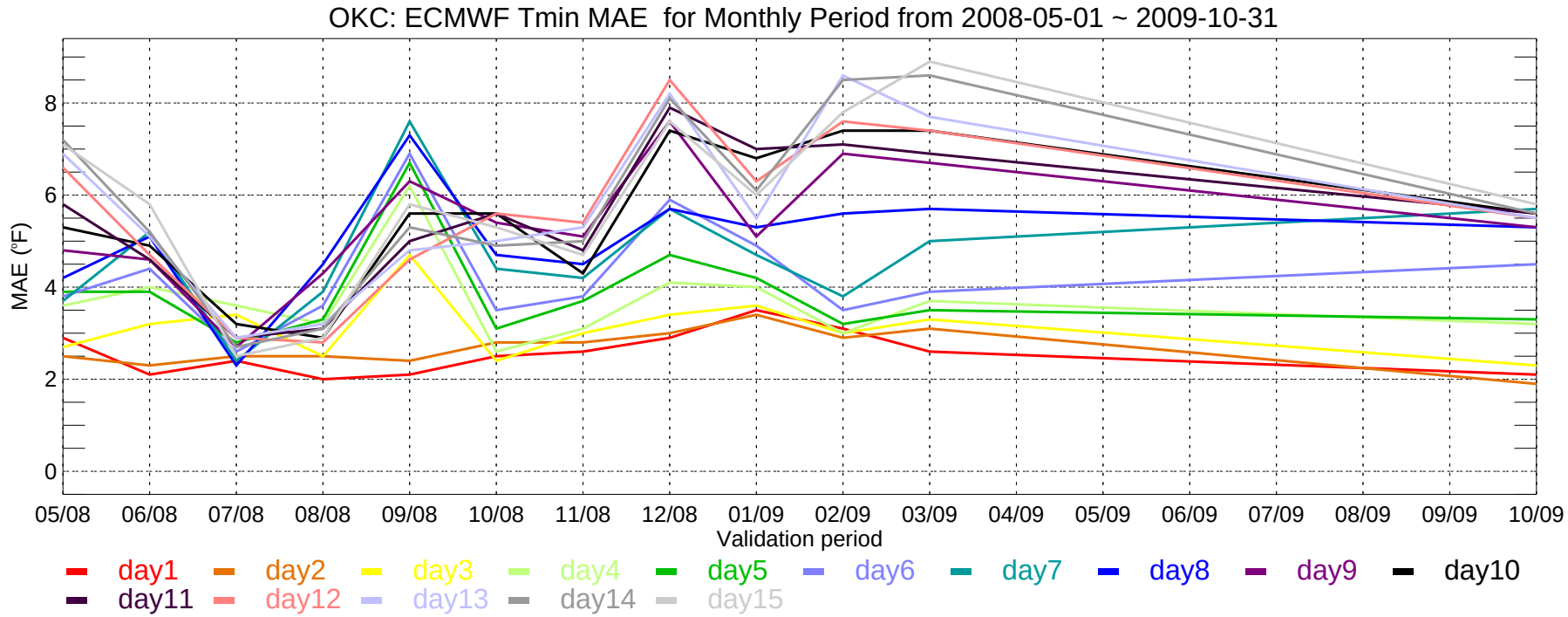
day14
day15


OKC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day3
day4
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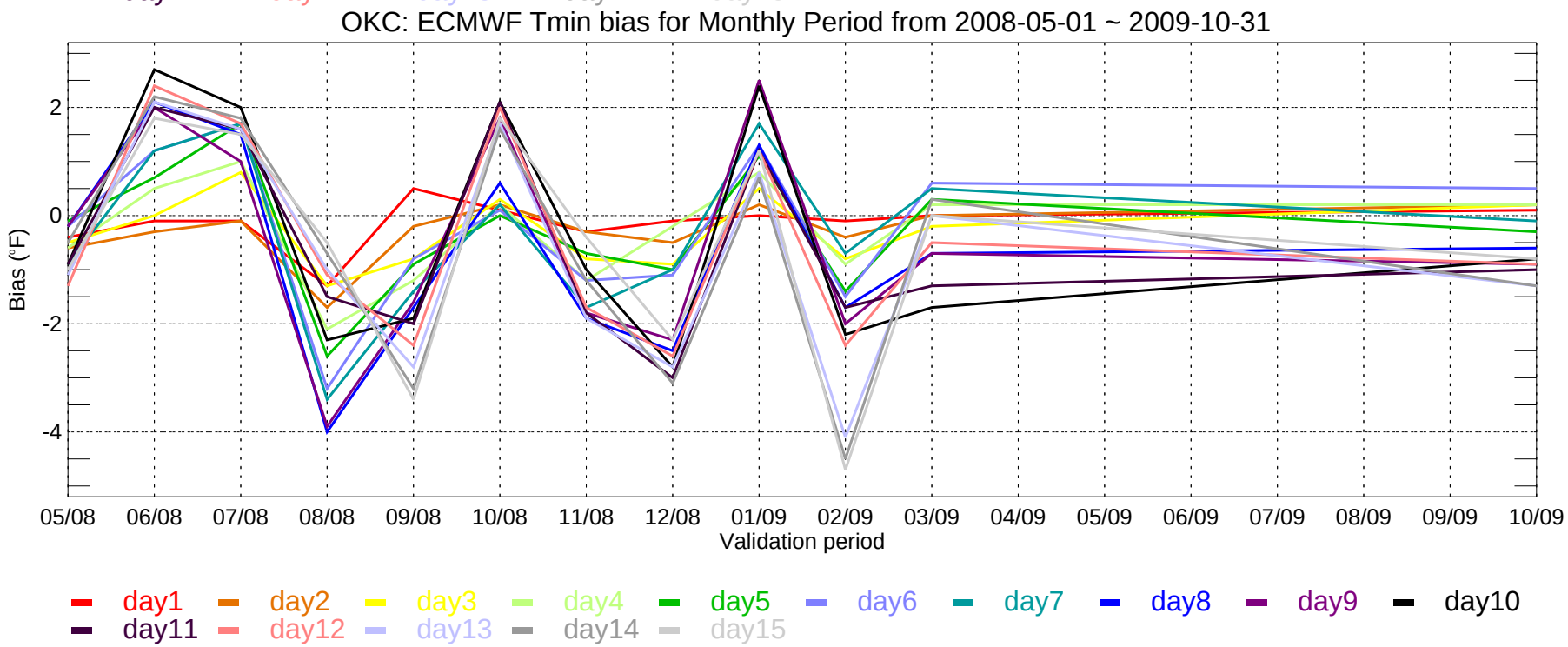
day13
day14
day15


OKC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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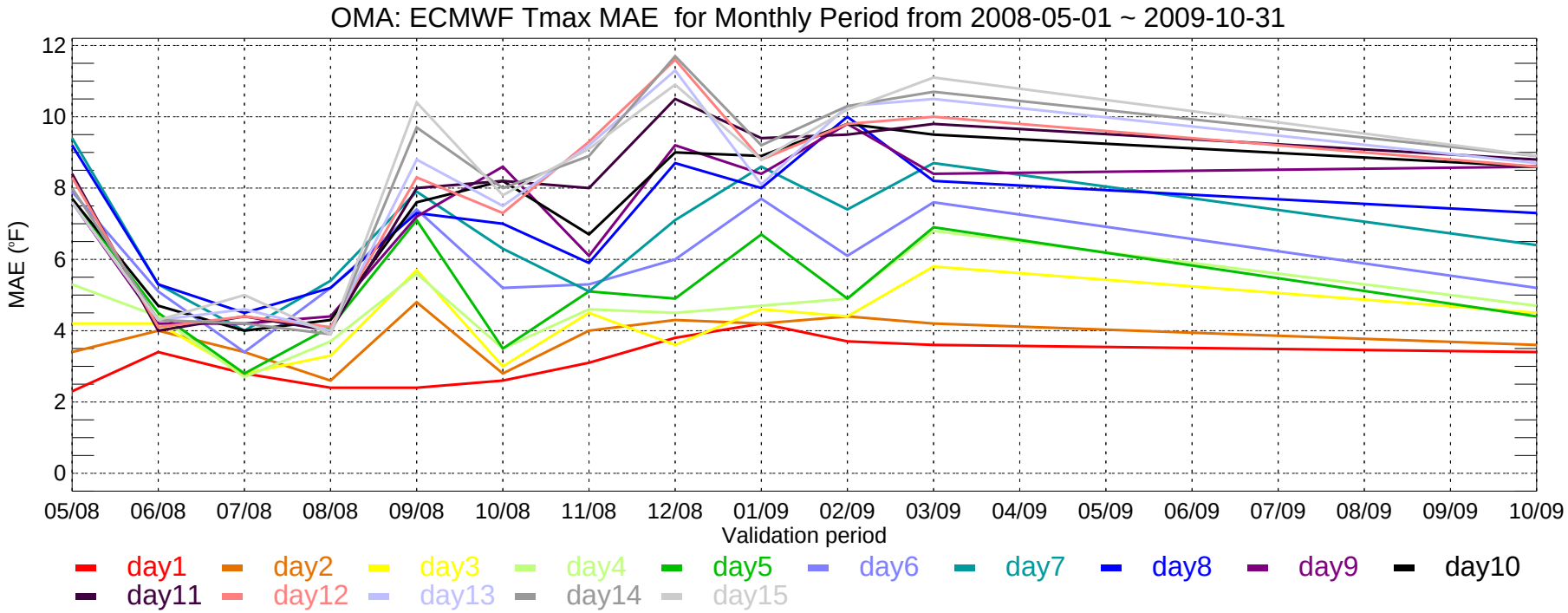
day13
day14
day15


OMA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
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day11
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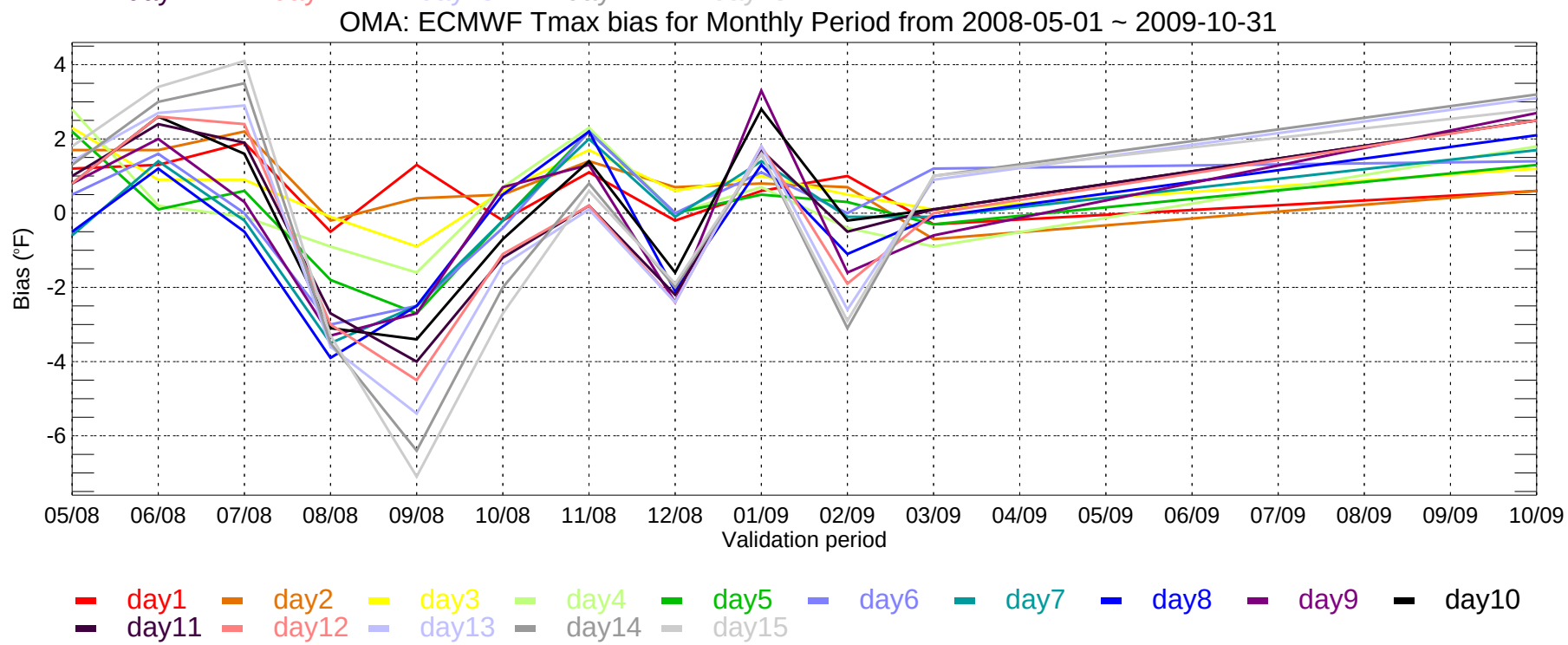
day13
day14
day15


OMA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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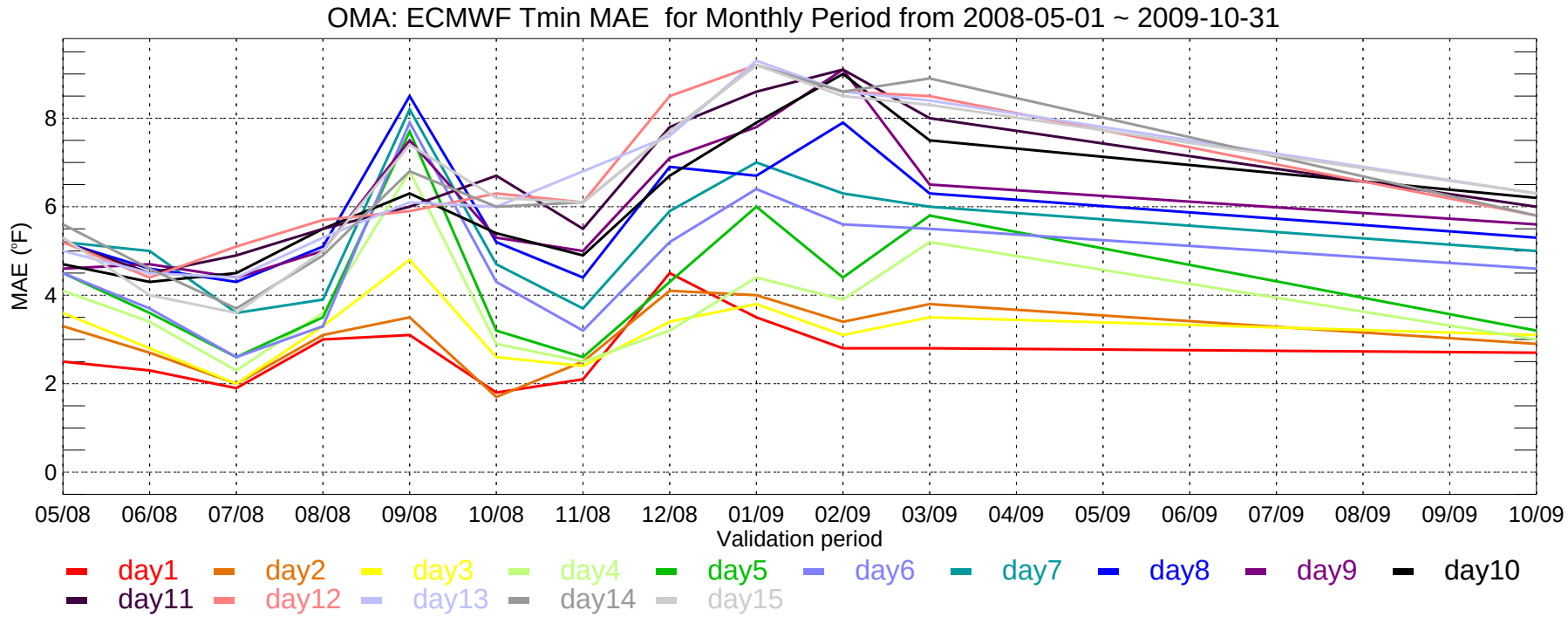
day11
day12
day13
day14
day15


OMA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
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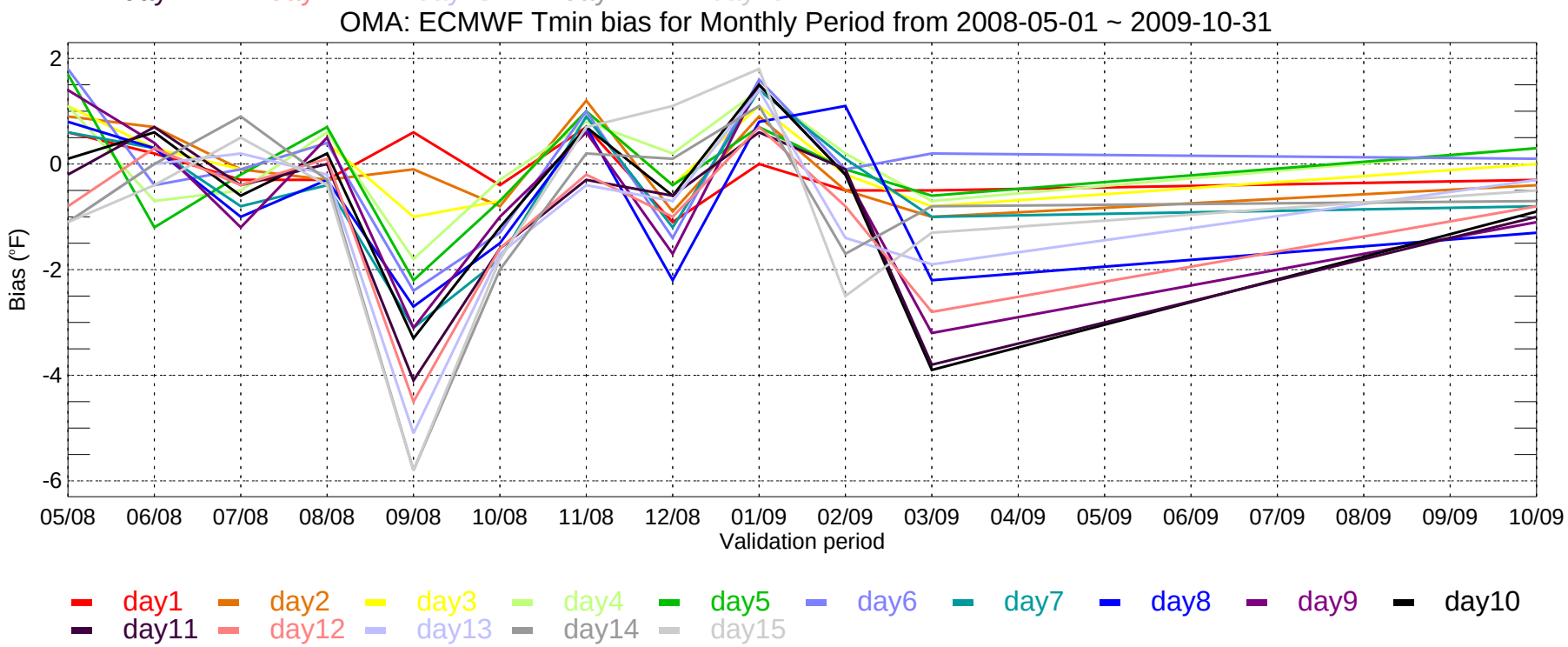
day14
day15


OMA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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day7
day8
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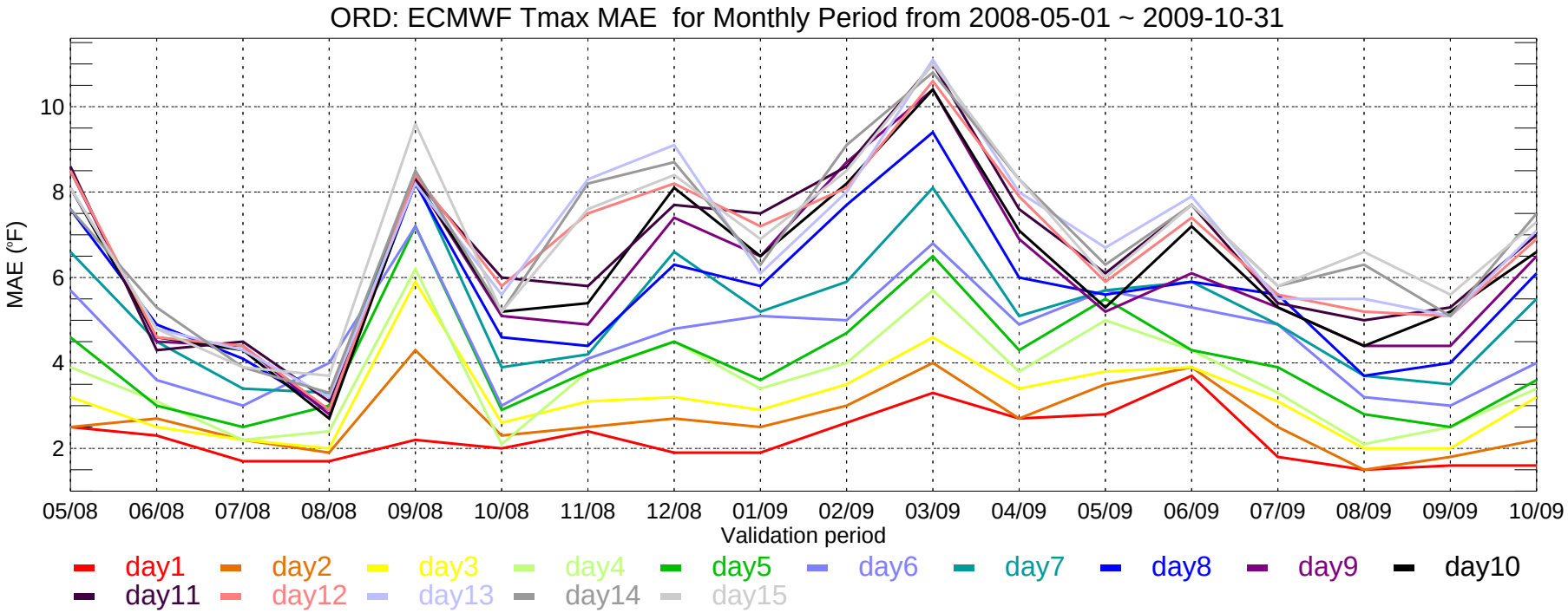
day11
day12
day13
day14
day15


ORD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
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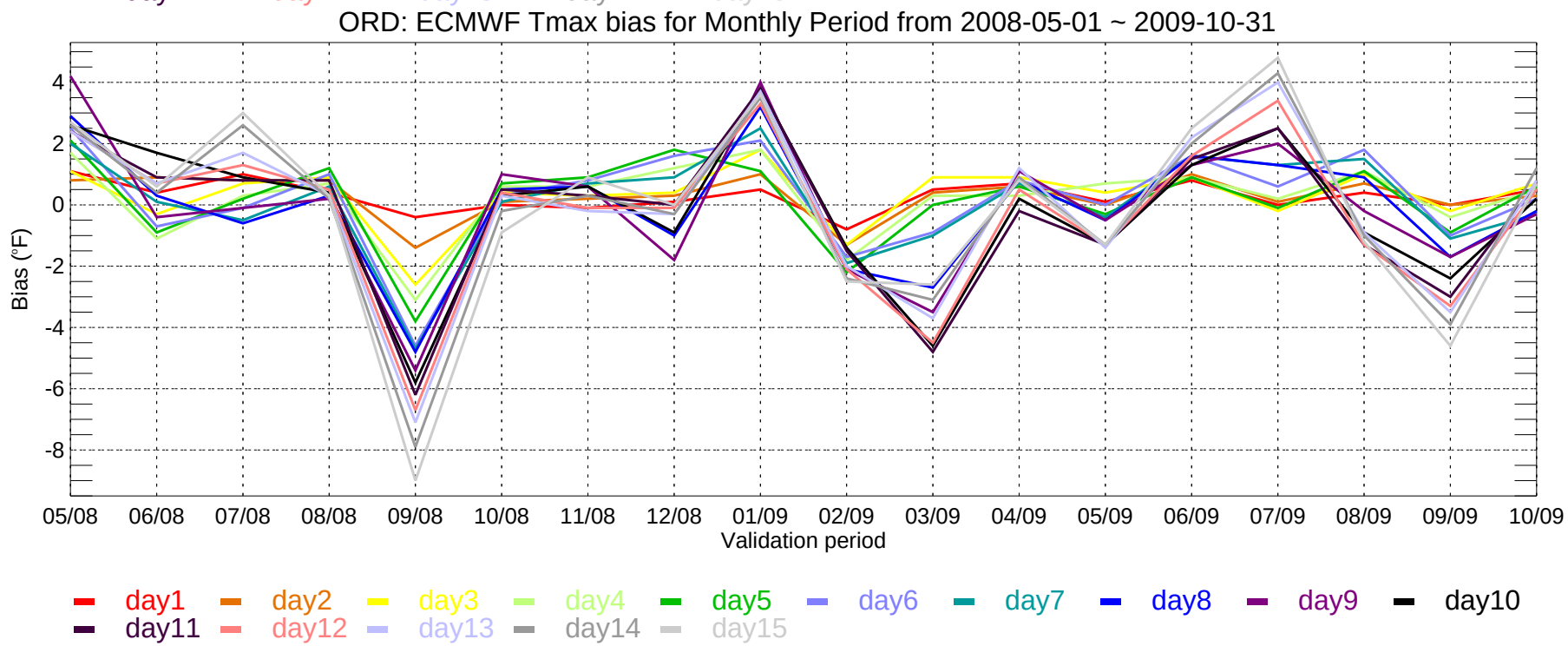
day12
day13
day14
day15


ORD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
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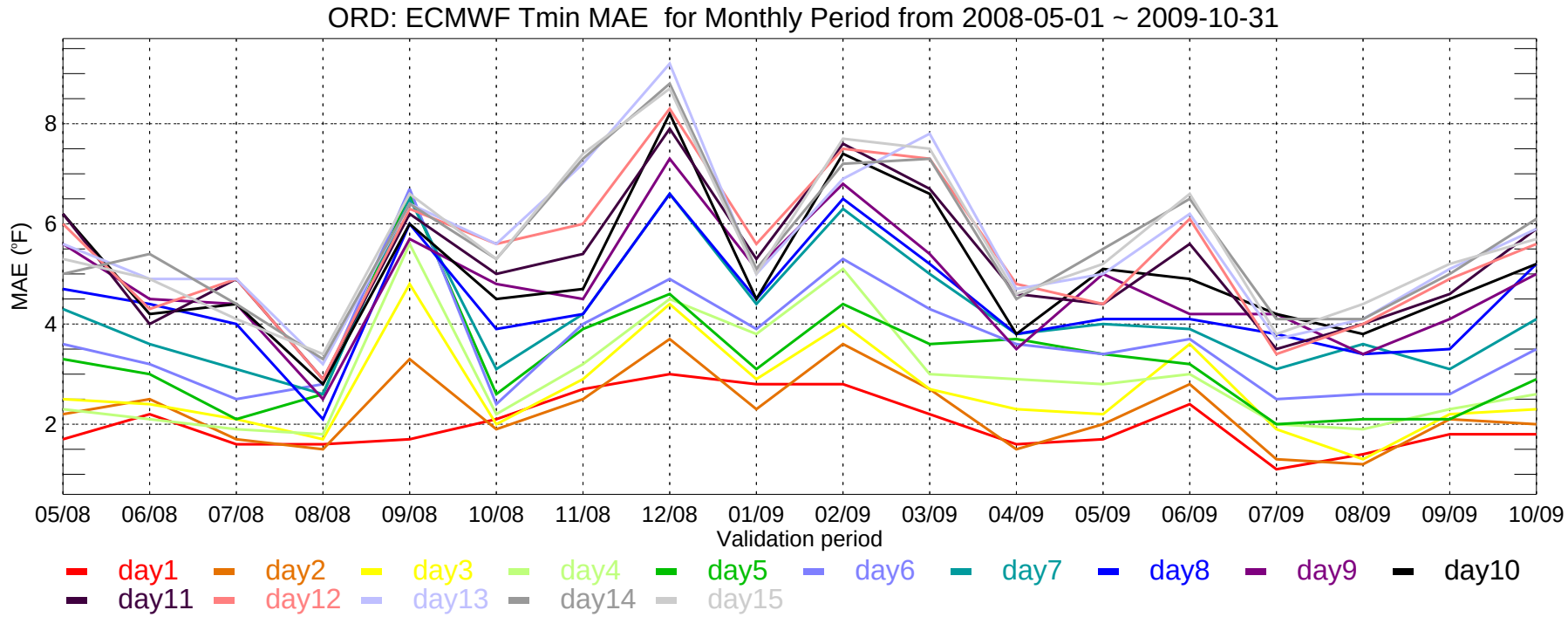
day14
day15


ORD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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day10
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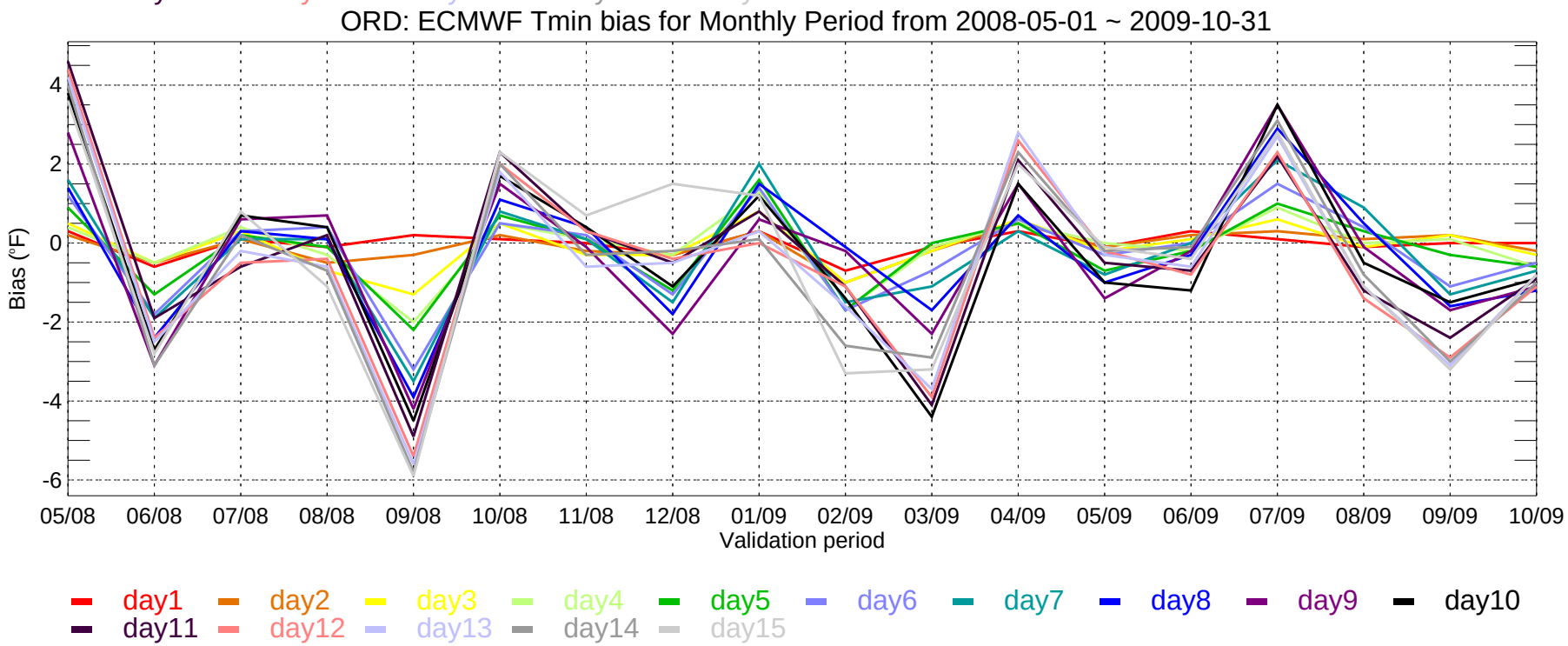
day14
day15


ORD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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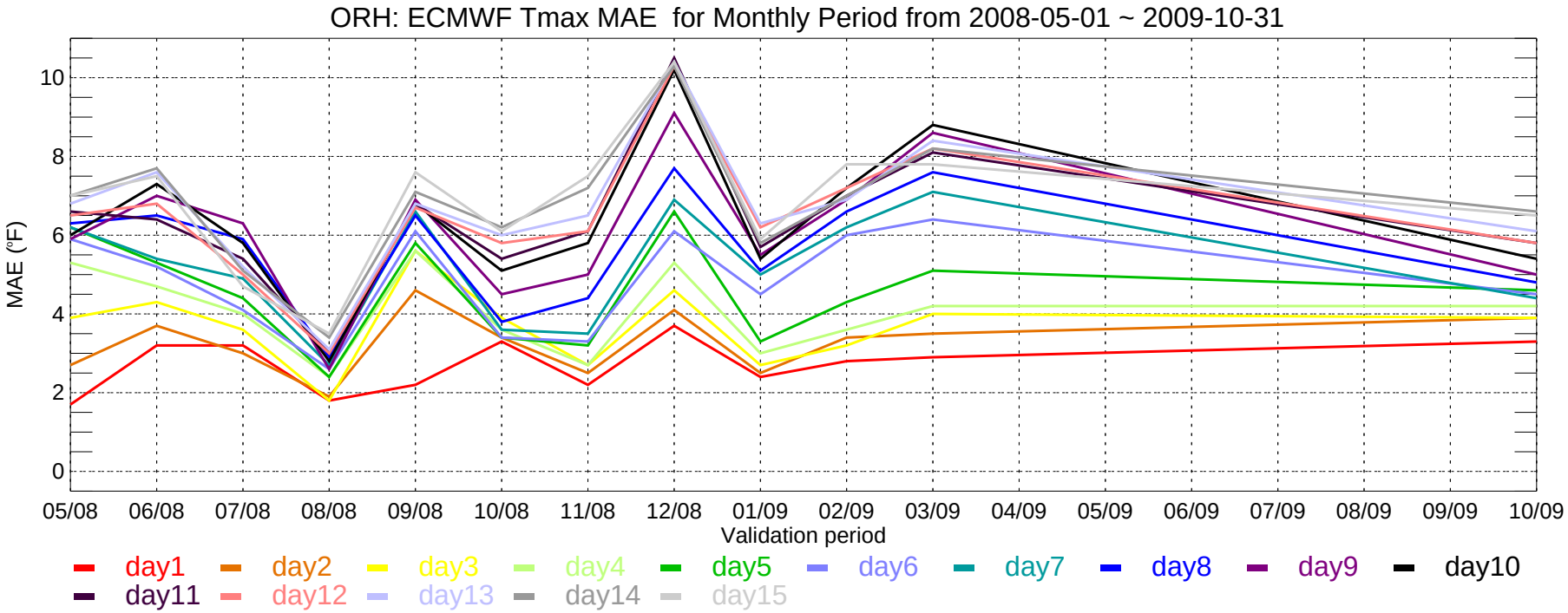
day14
day15


ORH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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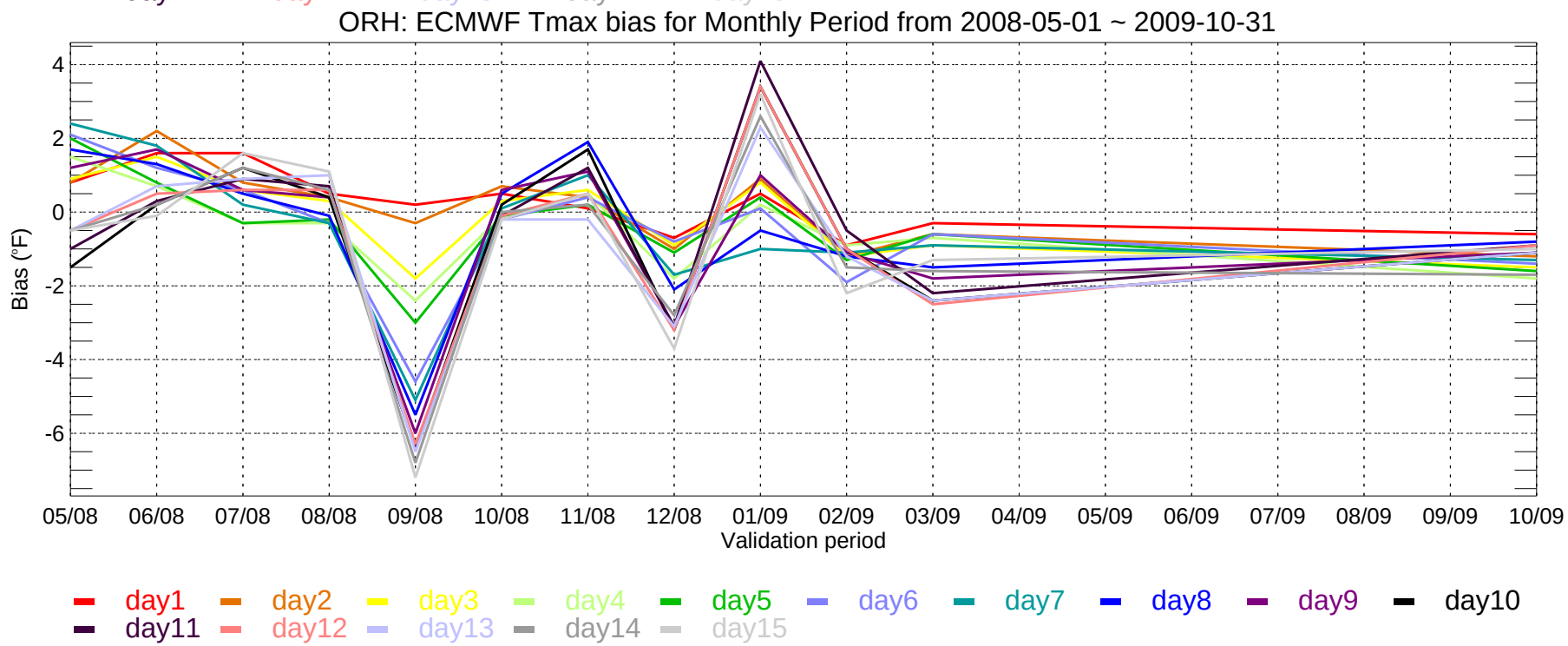
day14
day15


ORH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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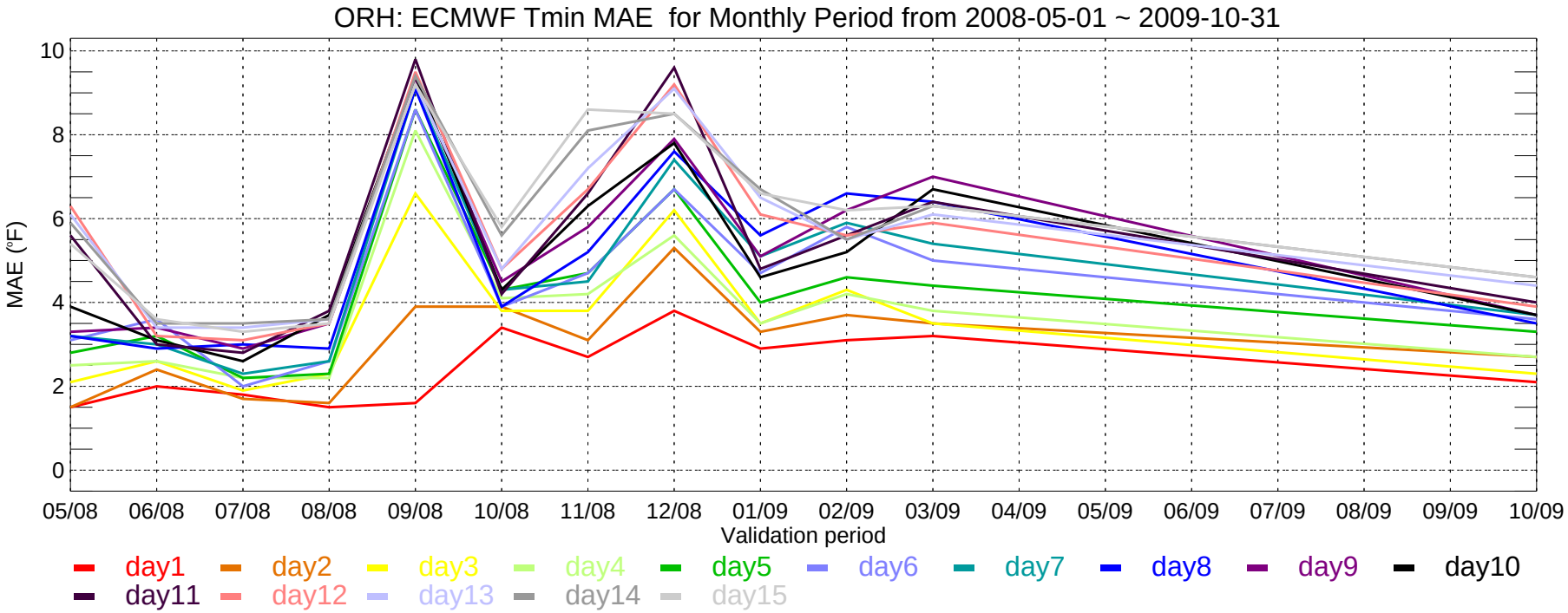
day14
day15


ORH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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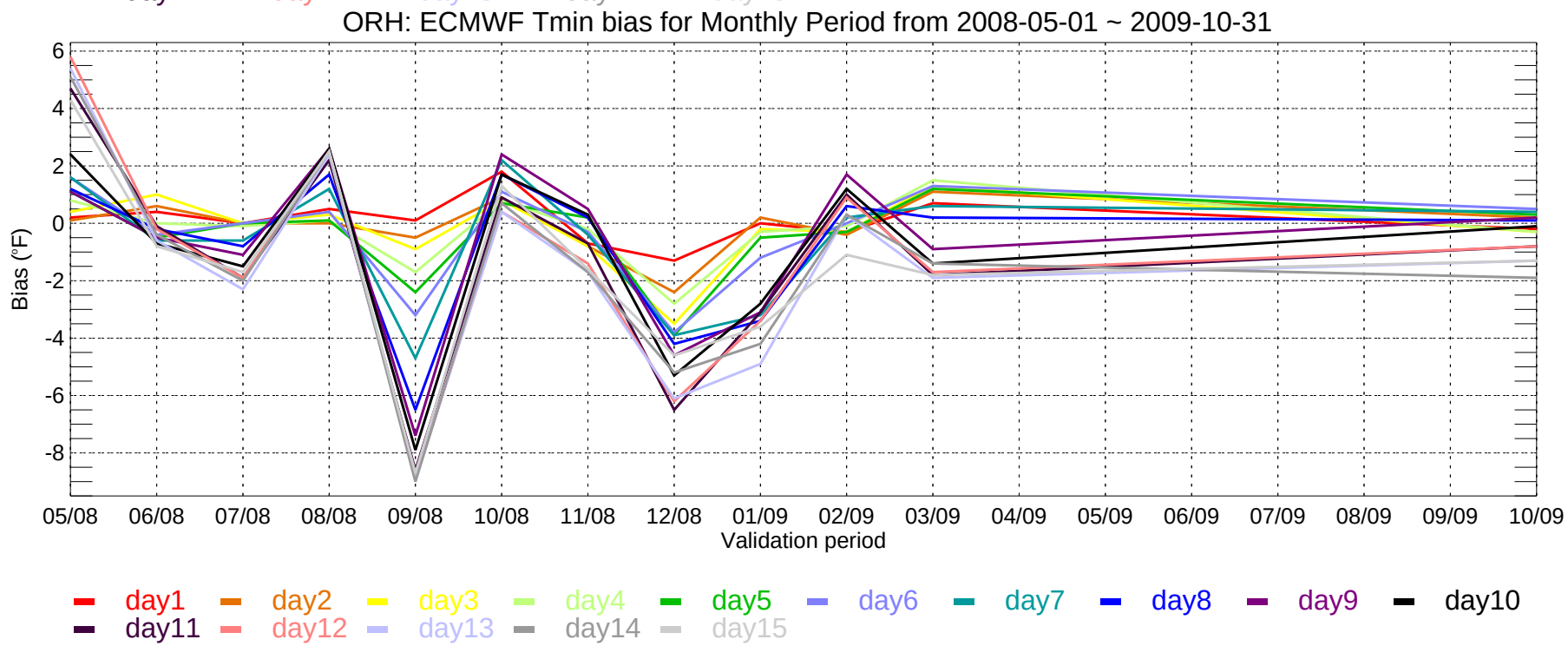
day14
day15


ORH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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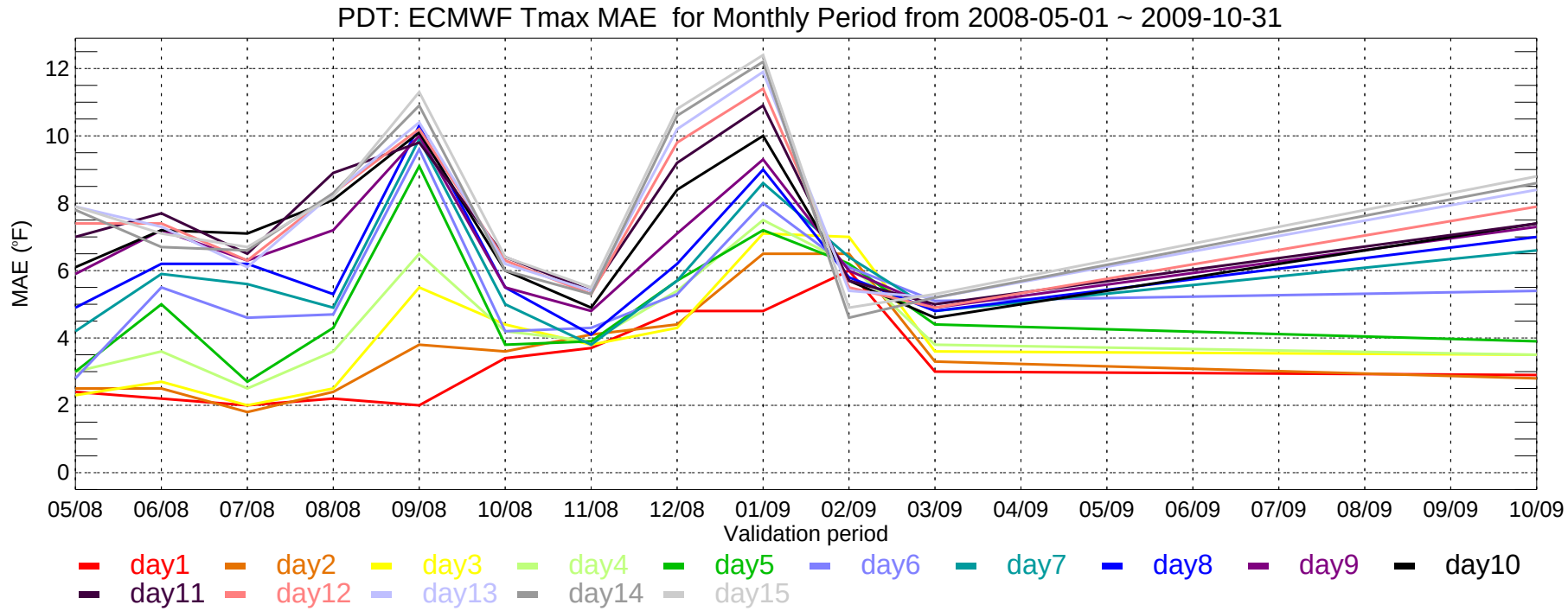
day14
day15


PDT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day4
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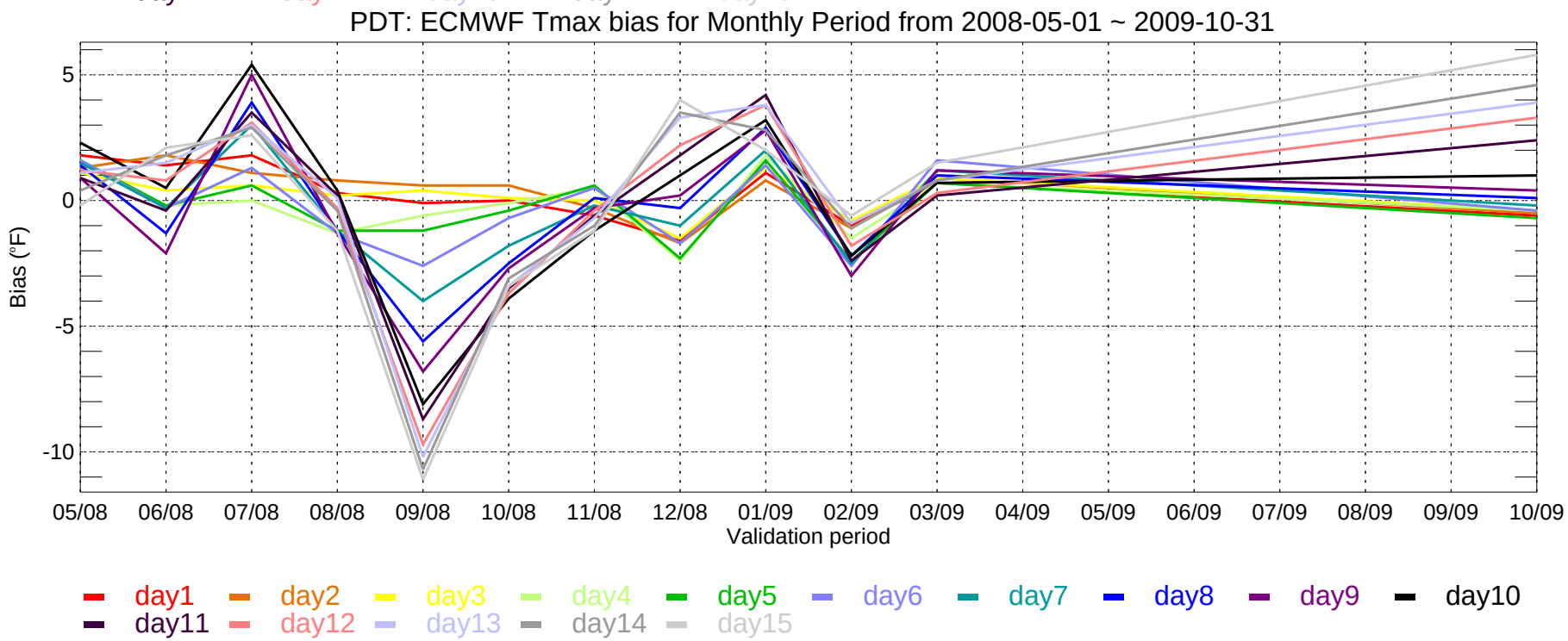
day13
day14
day15


PDT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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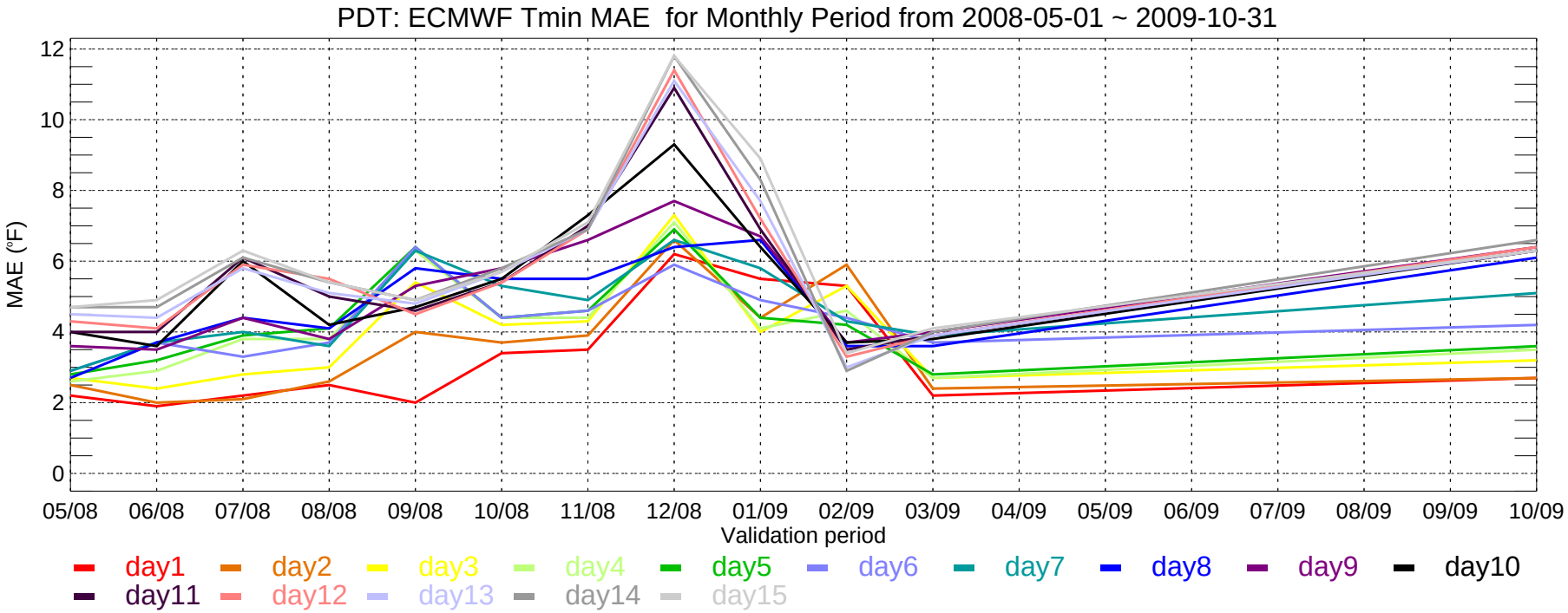
day14
day15


PDT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day4
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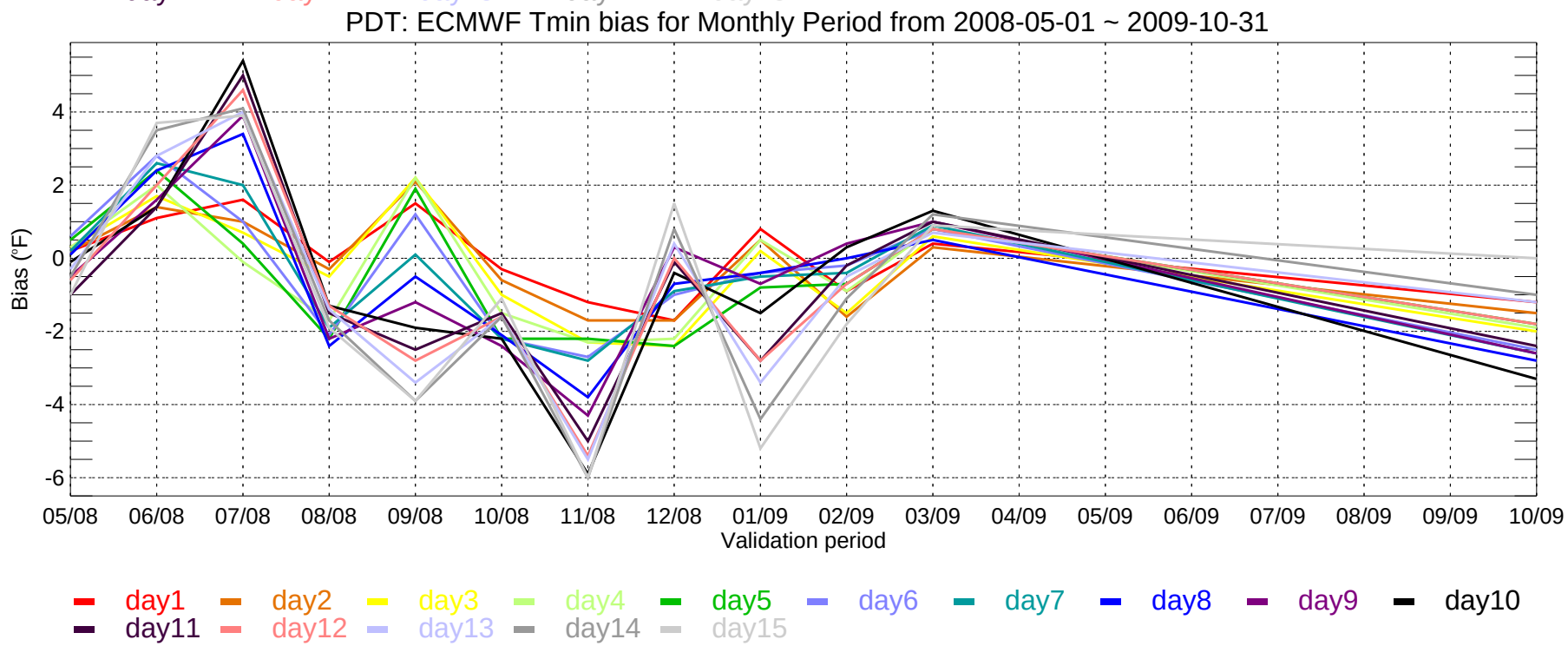
day15


PDT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-6
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
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08/09
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10/09
Validation period
day1
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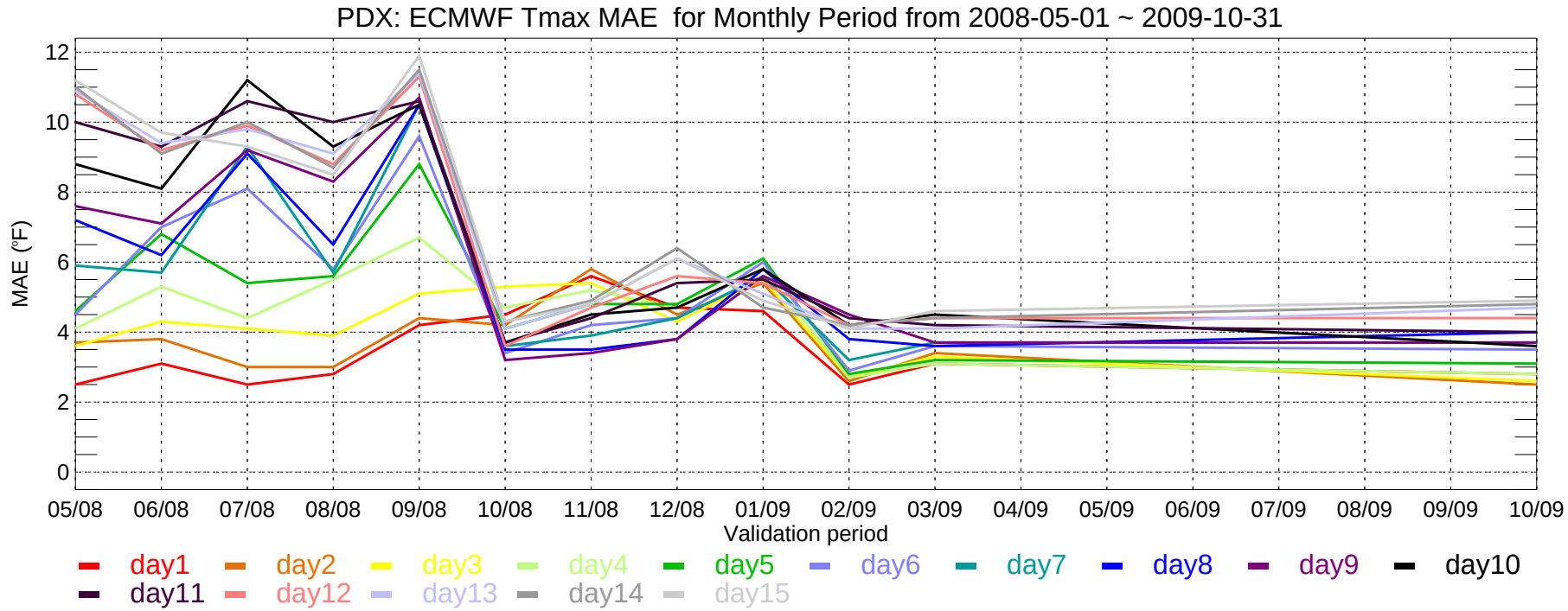
day14
day15


PDX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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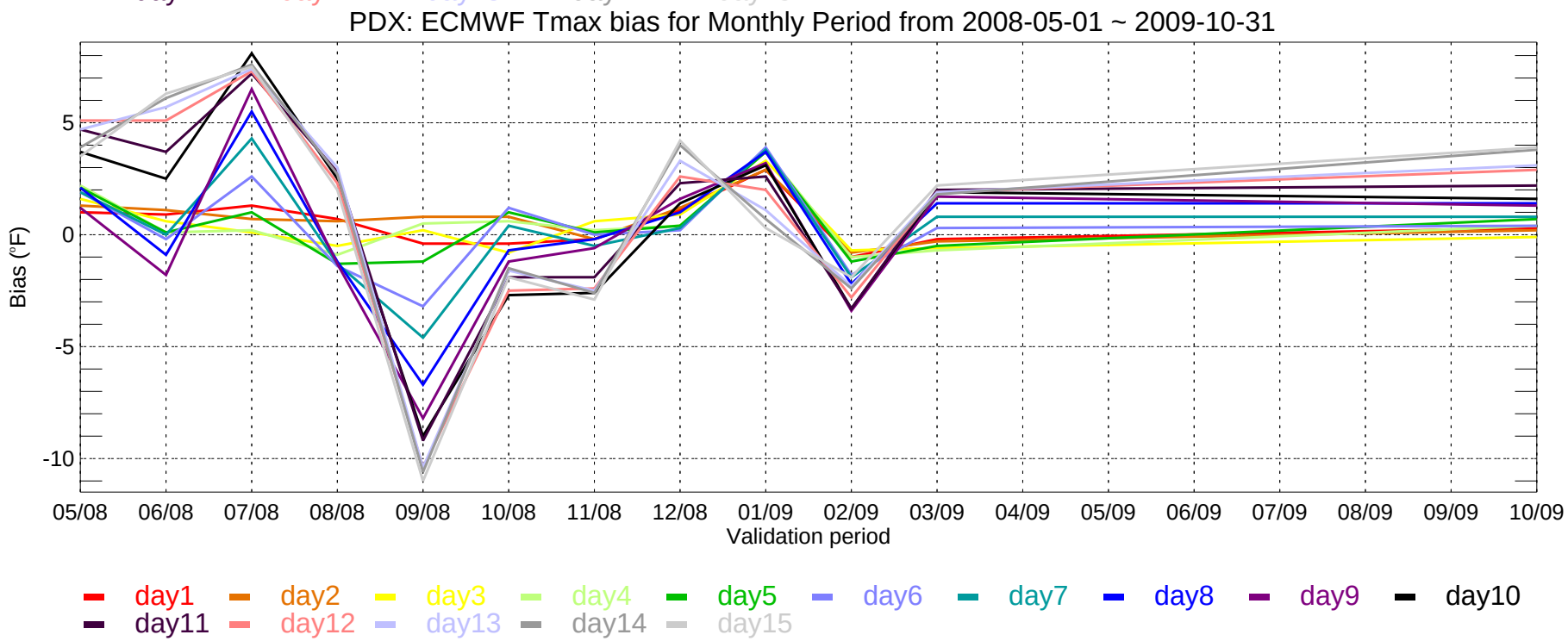
day14
day15


PDX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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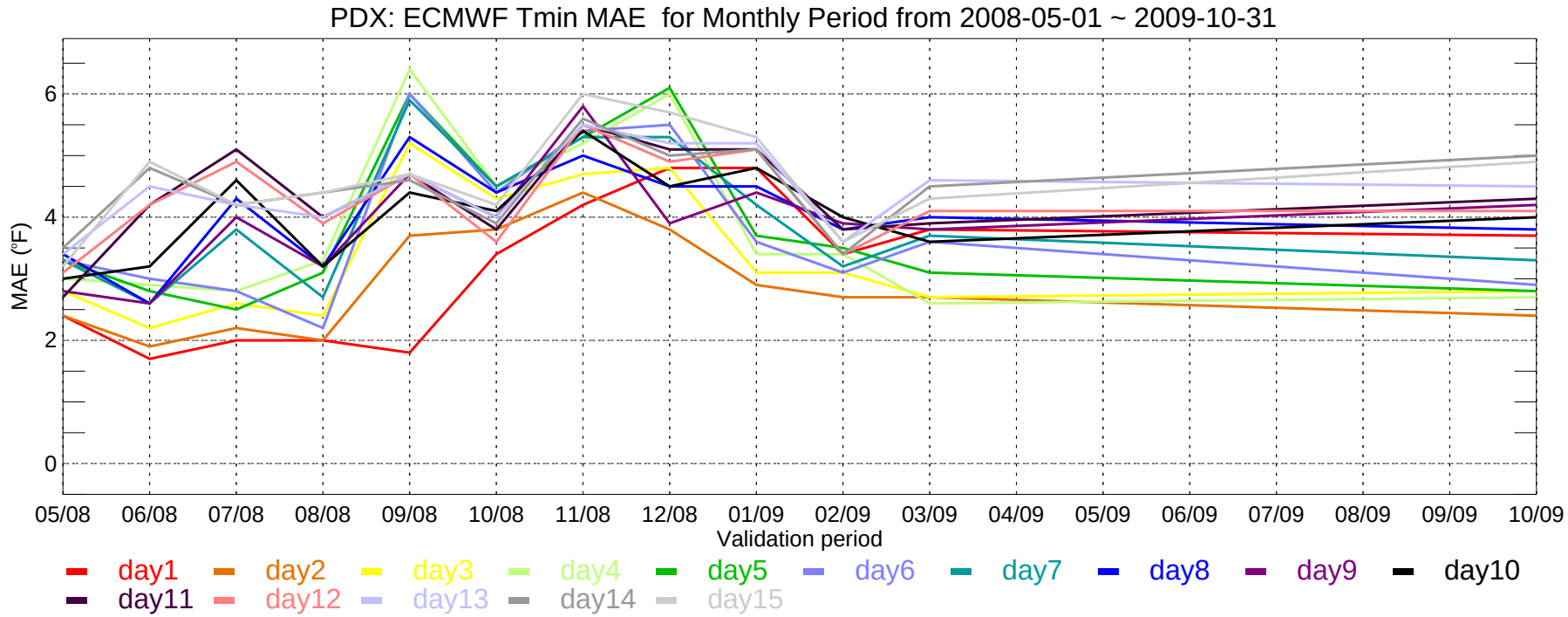
day15


PDX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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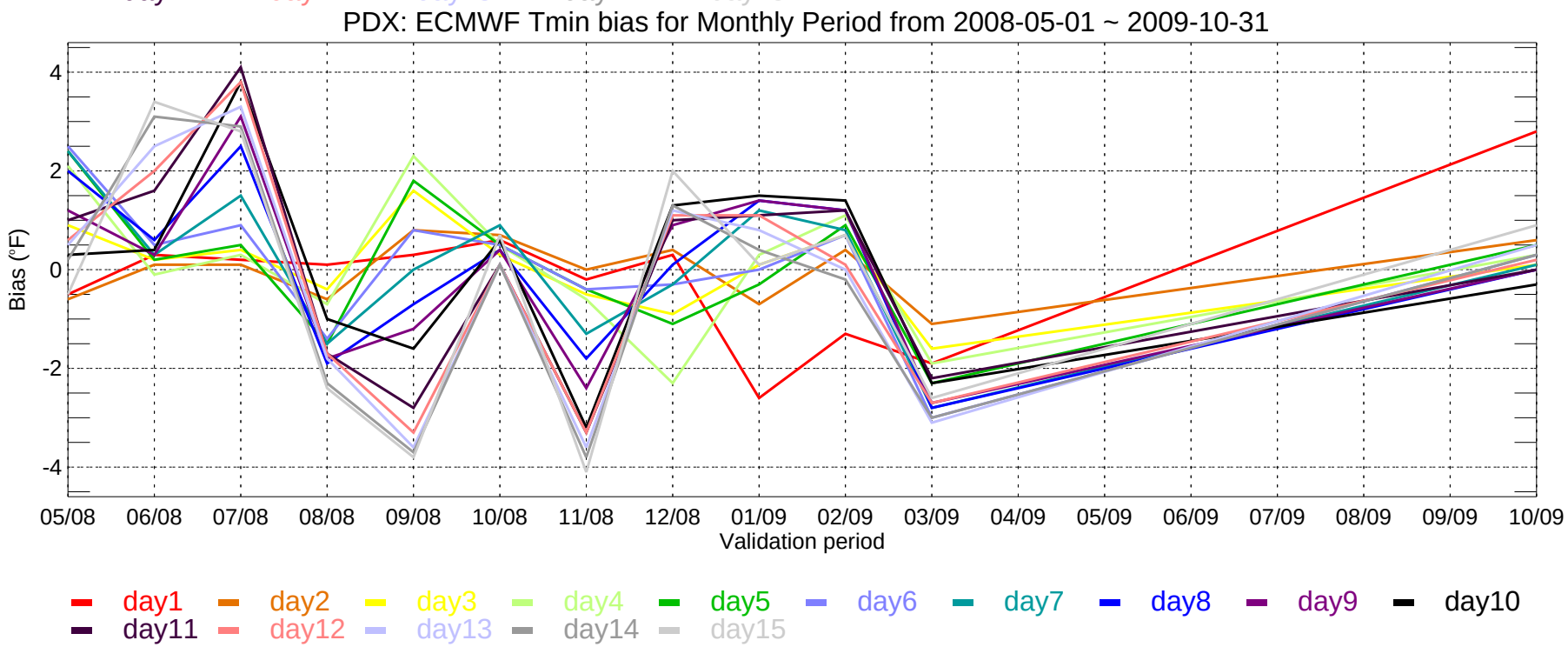
day14
day15


PDX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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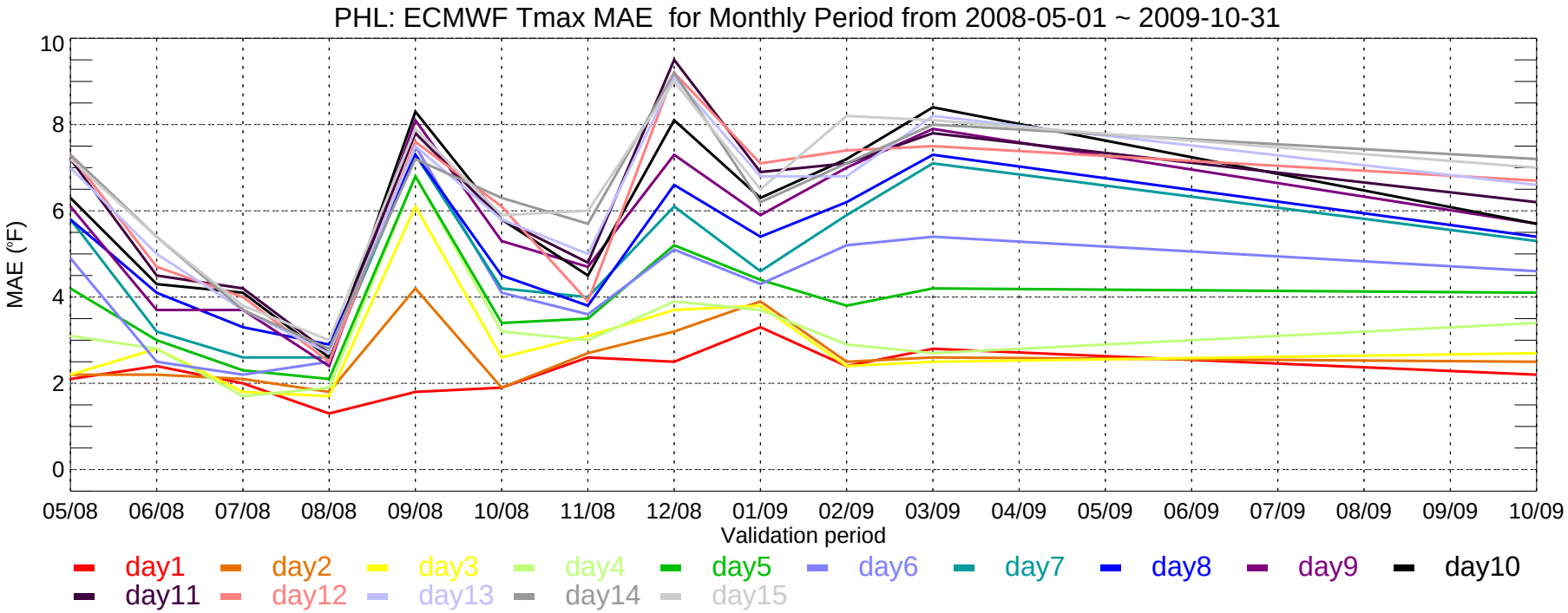
day13
day14
day15


PHL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
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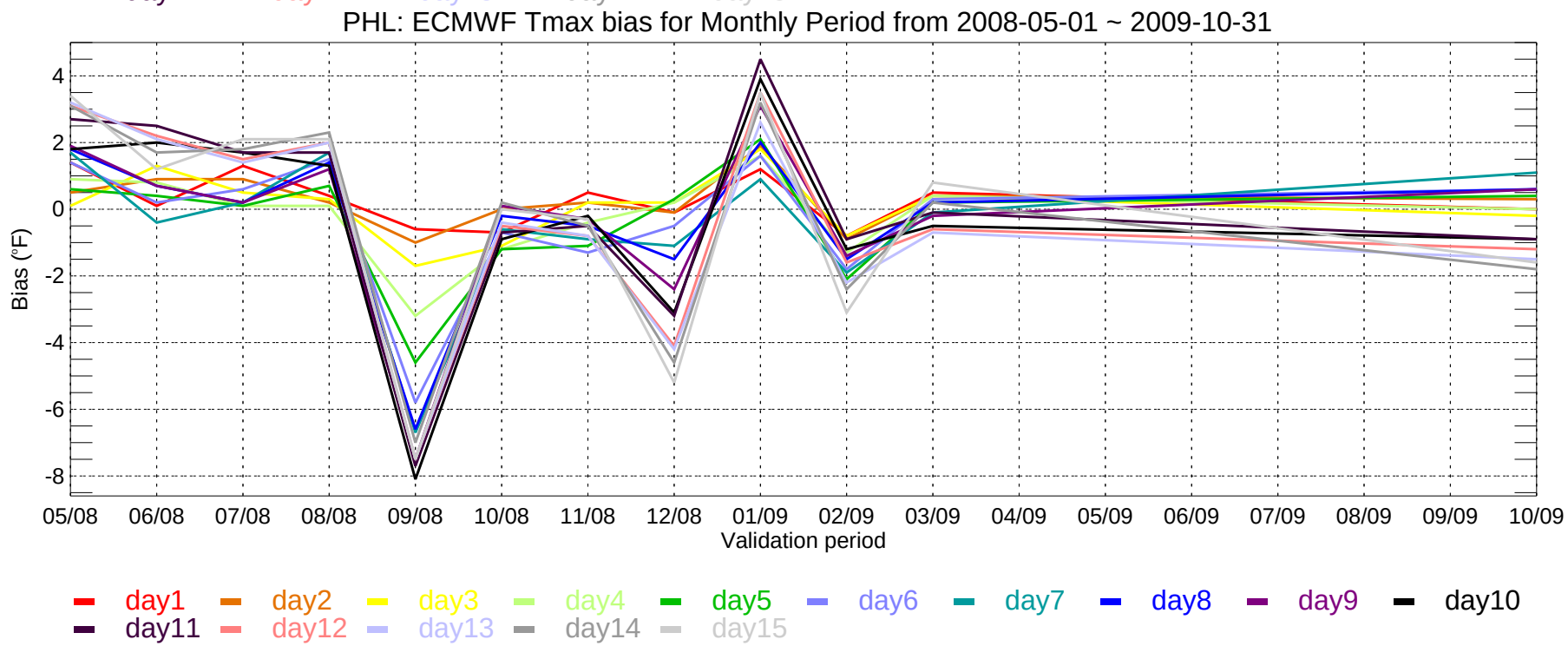
day15


PHL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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07/09
08/09
09/09
10/09
Validation period
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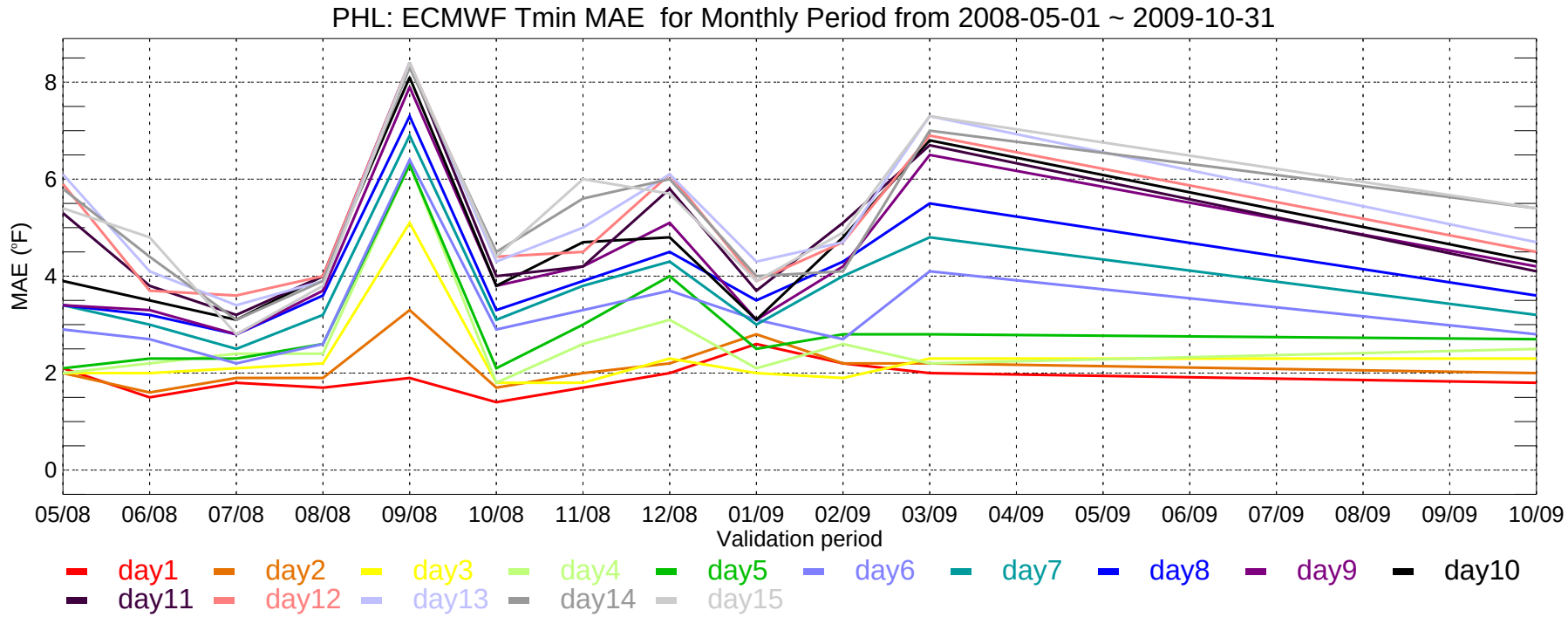
day15


PHL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
day1
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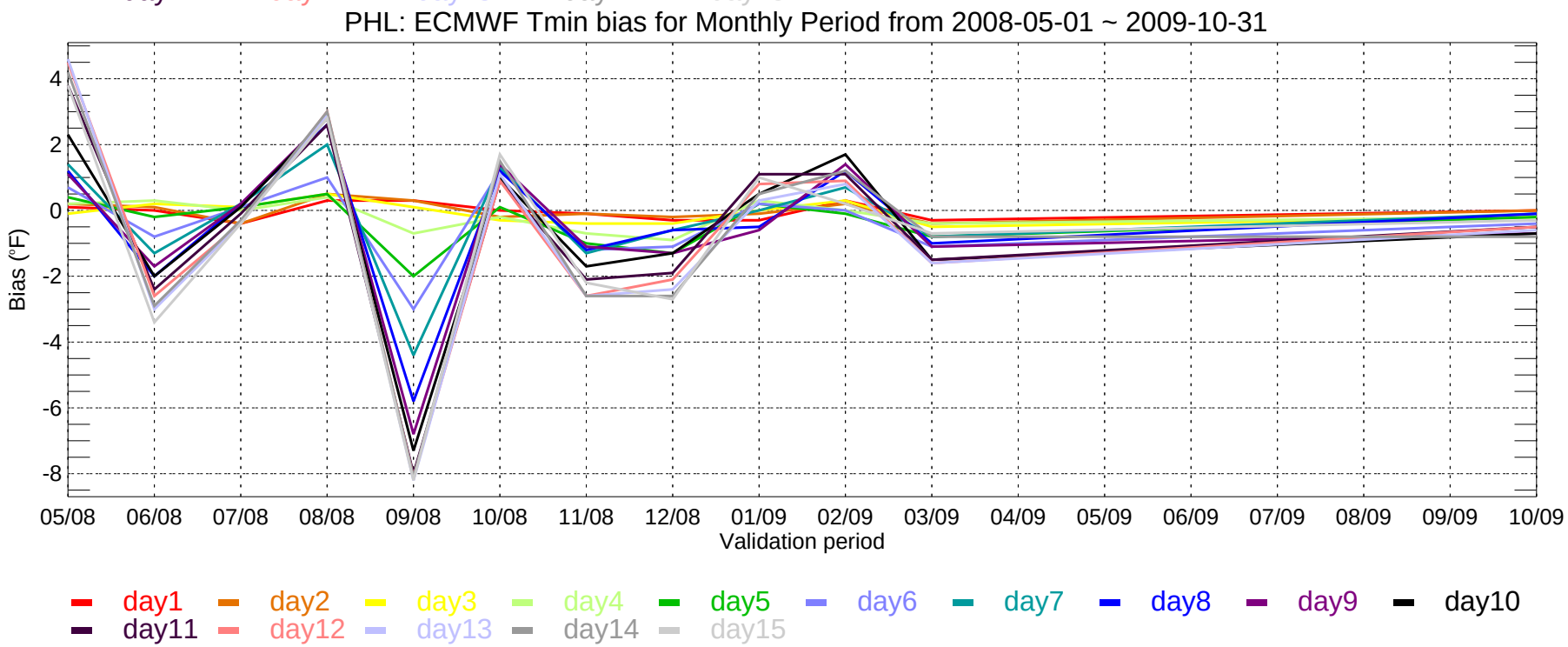
day15


PHL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
Validation period
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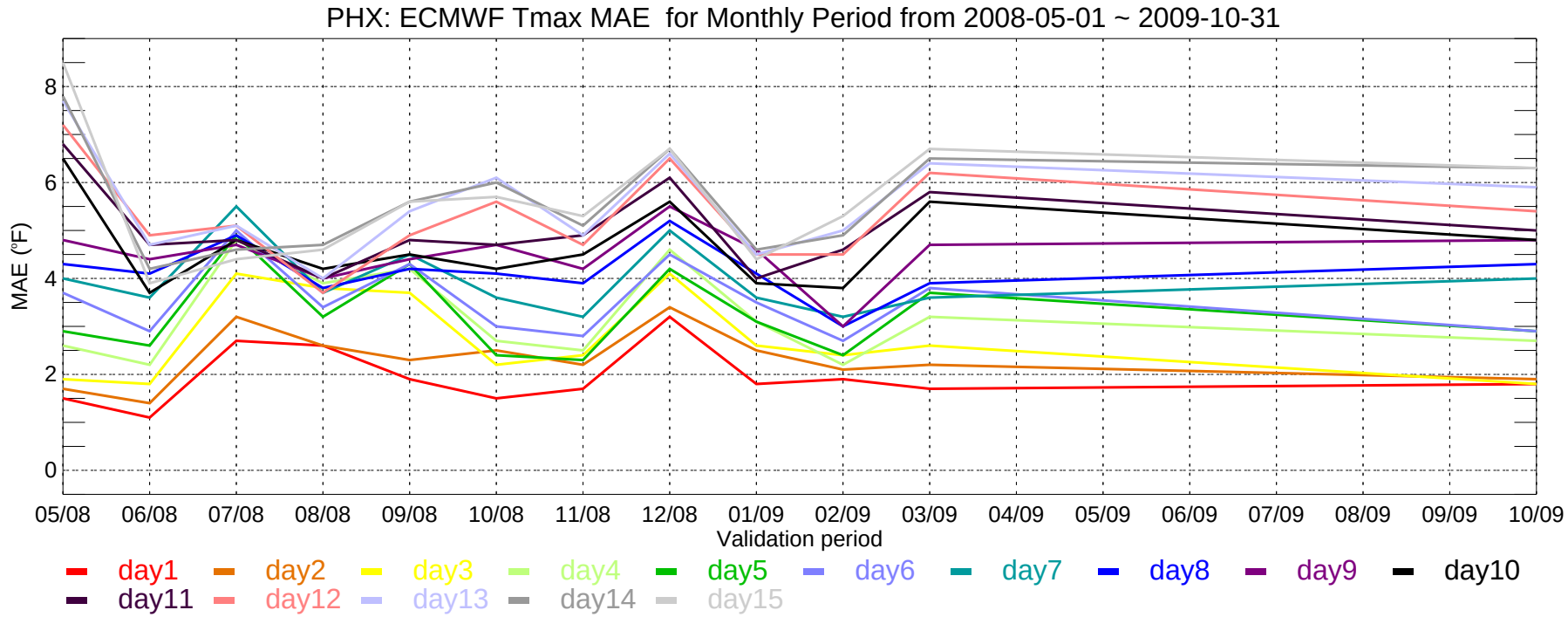
day15


PHX: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
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10/09
Validation period
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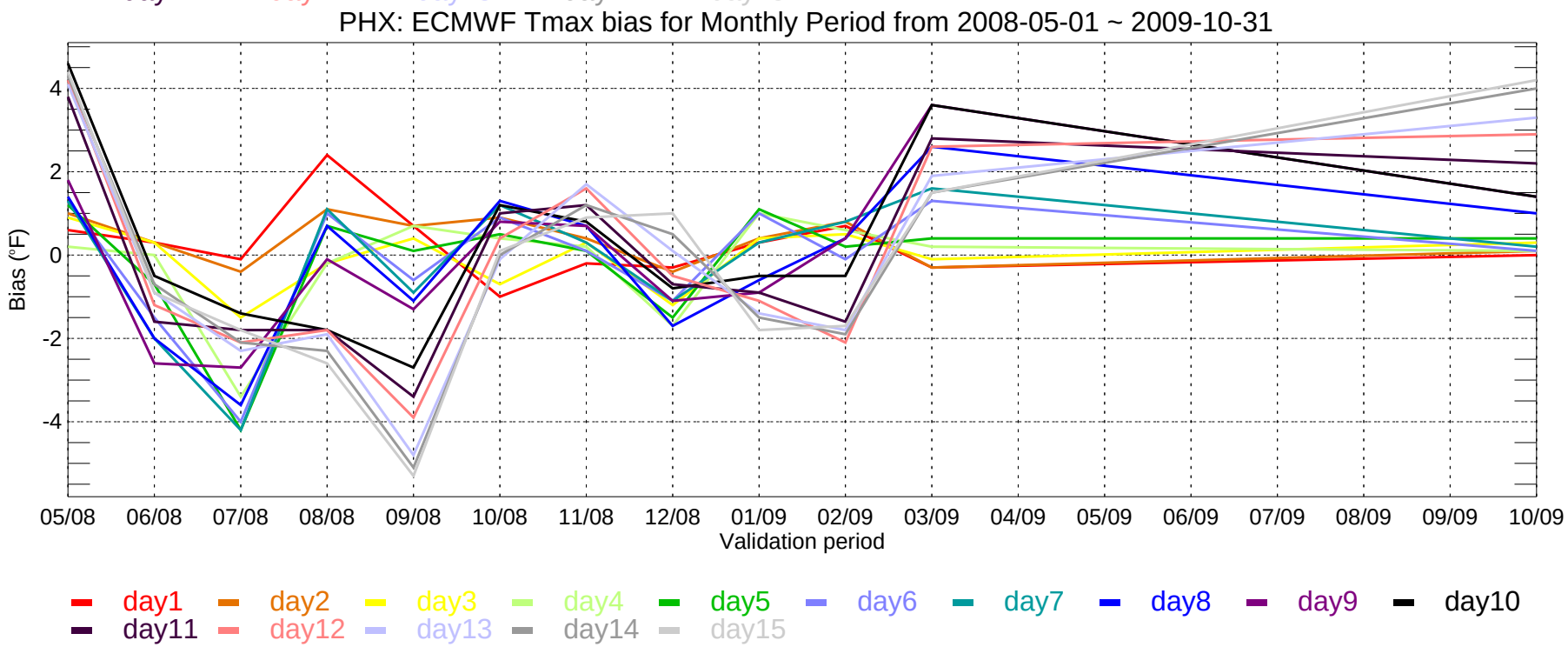
PHX: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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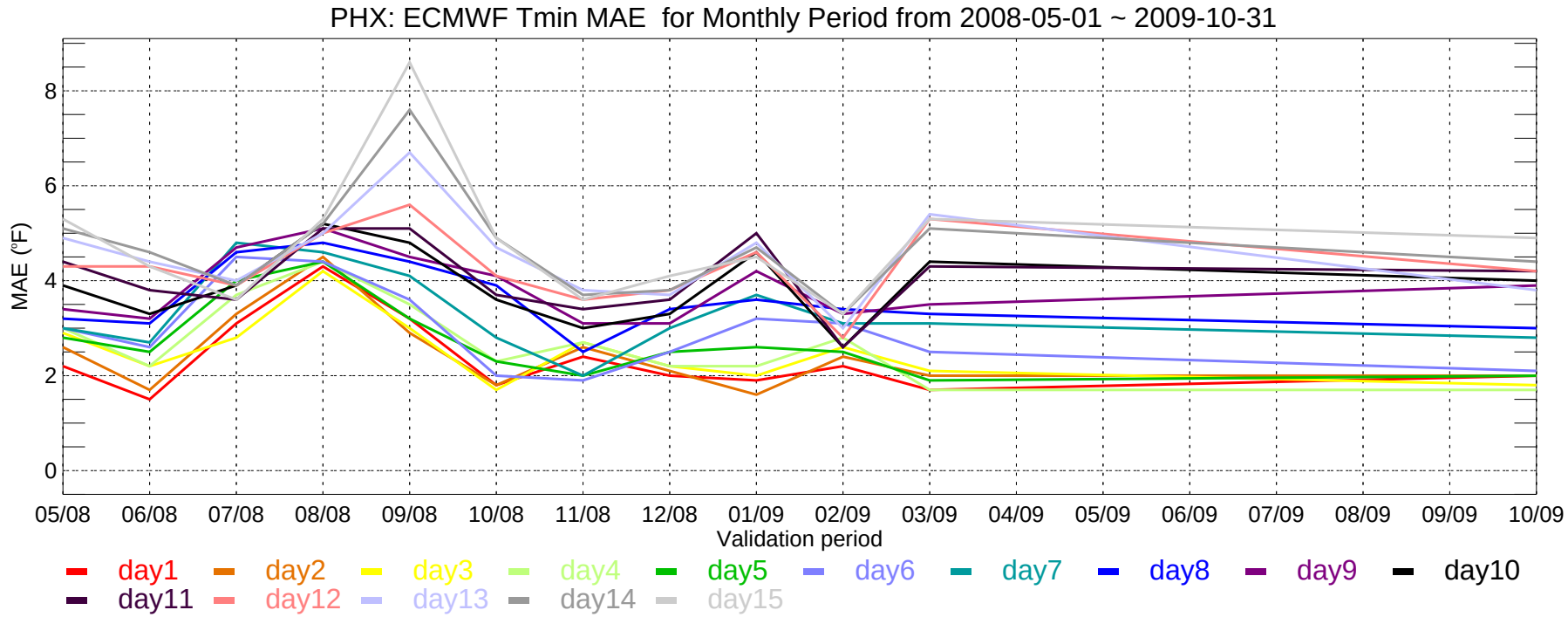
day15


PHX: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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08/09
09/09
10/09
Validation period
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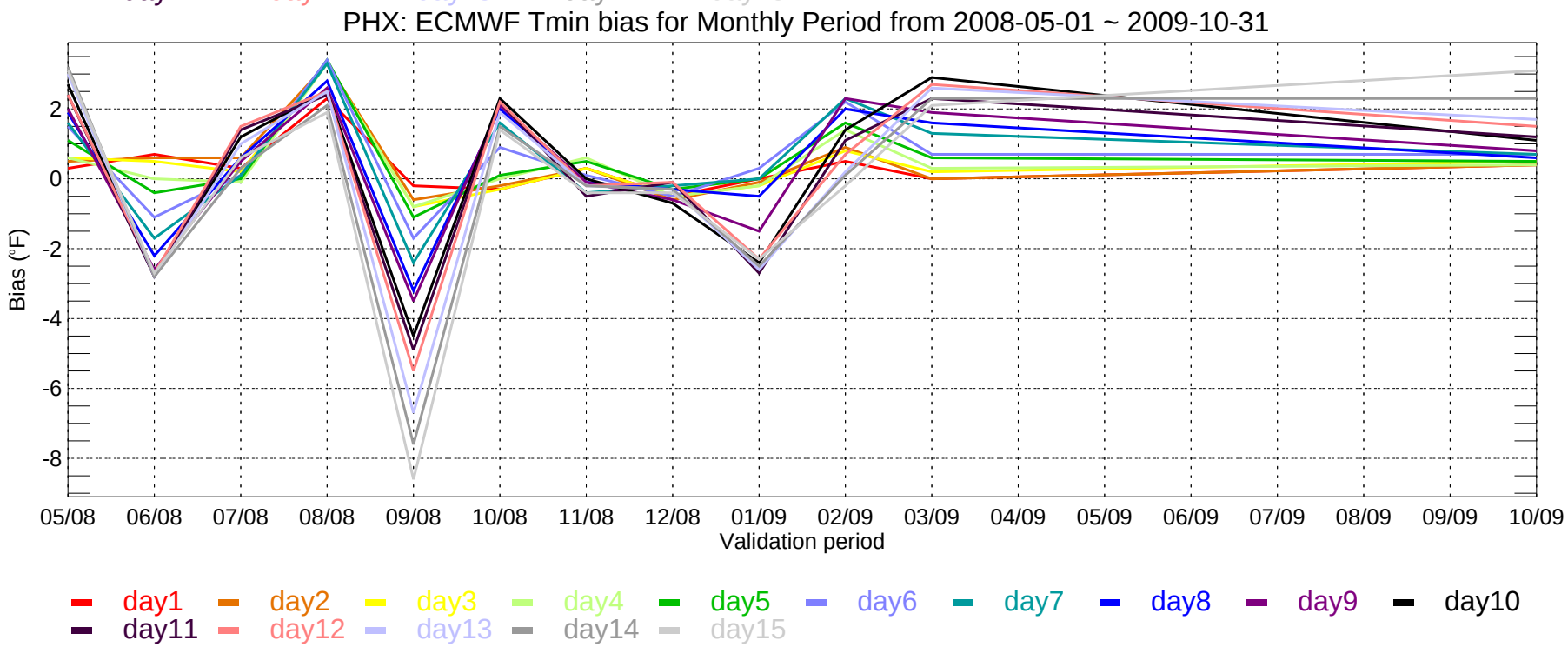
PHX: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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08/09
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10/09
Validation period
day1
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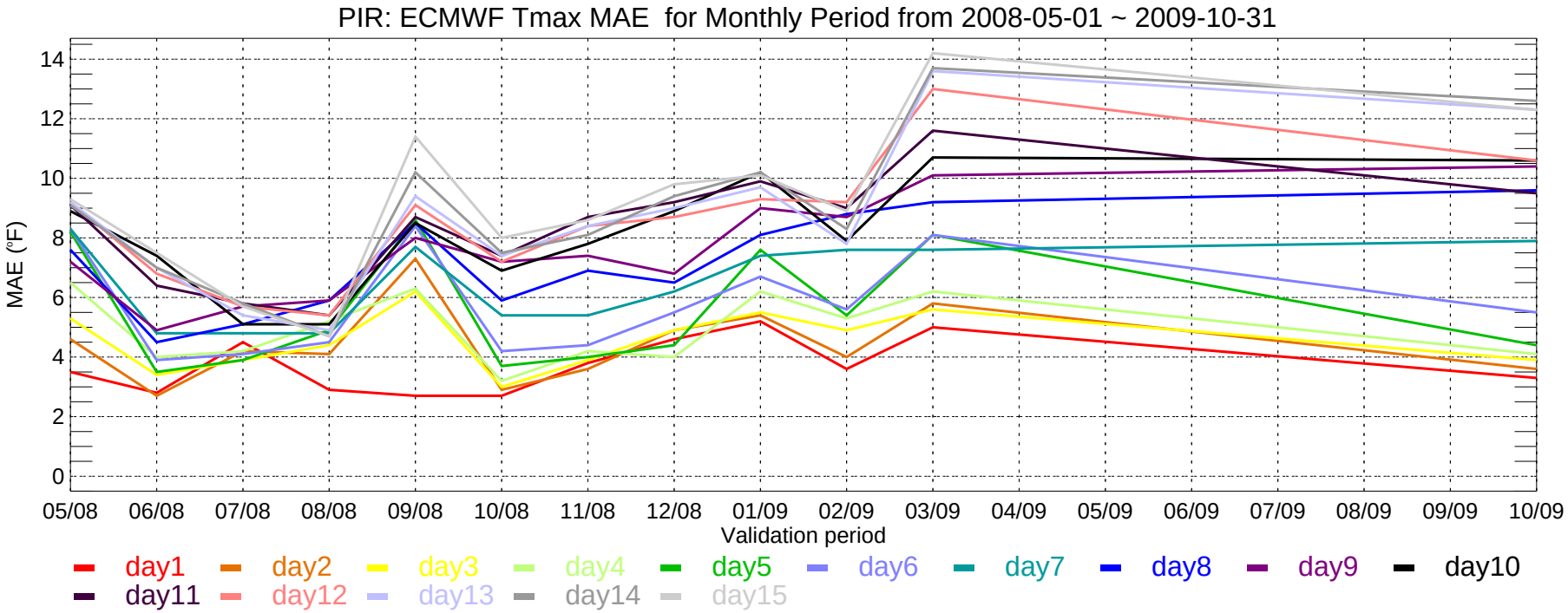
day15


PIR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
14
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
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10/09
Validation period
day1
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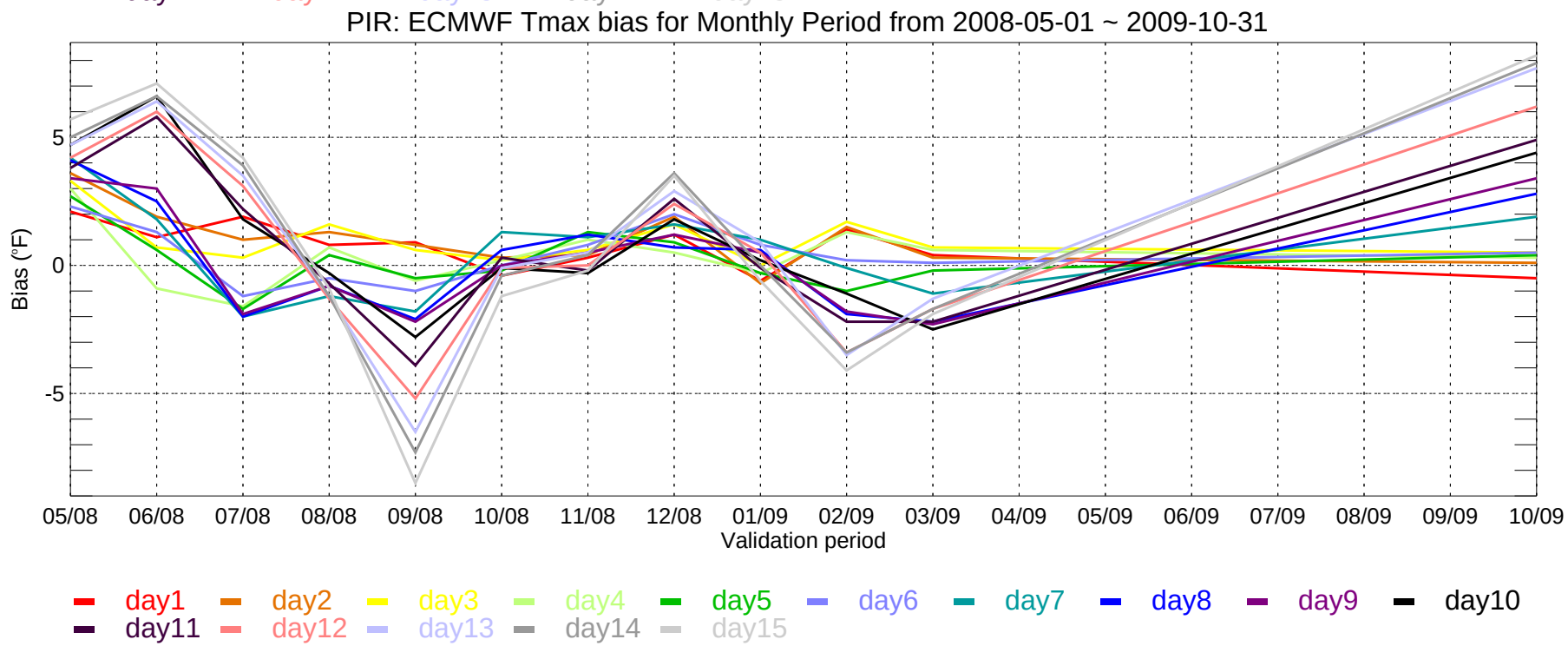
day14
day15


PIR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-5
0
5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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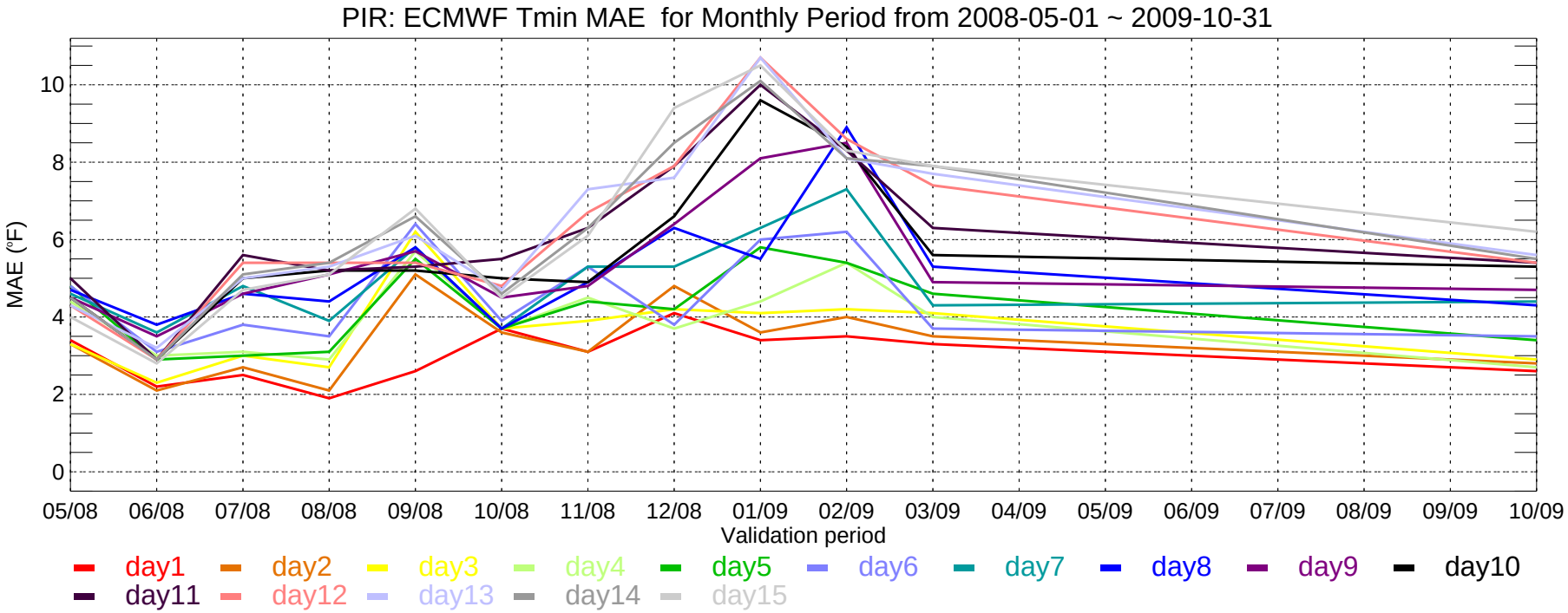
PIR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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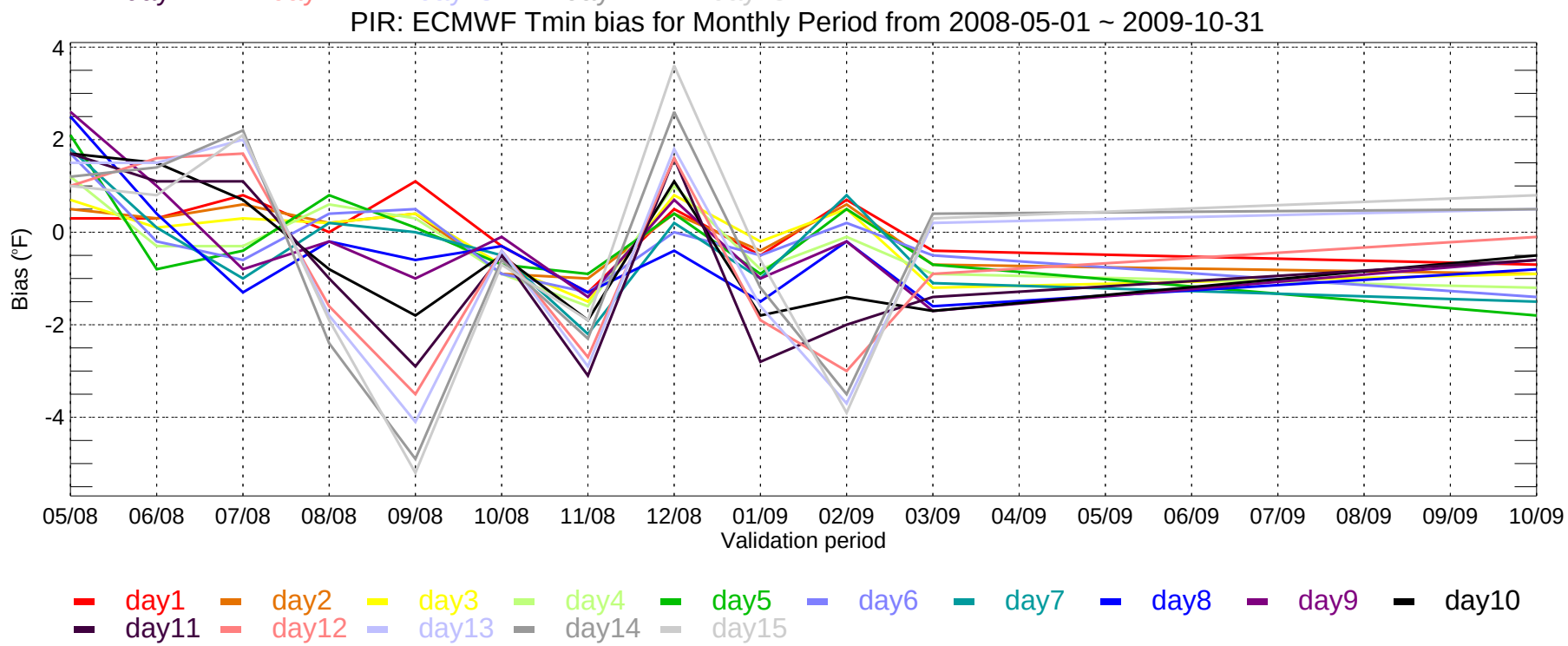
PIR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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04/09
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10/09
Validation period
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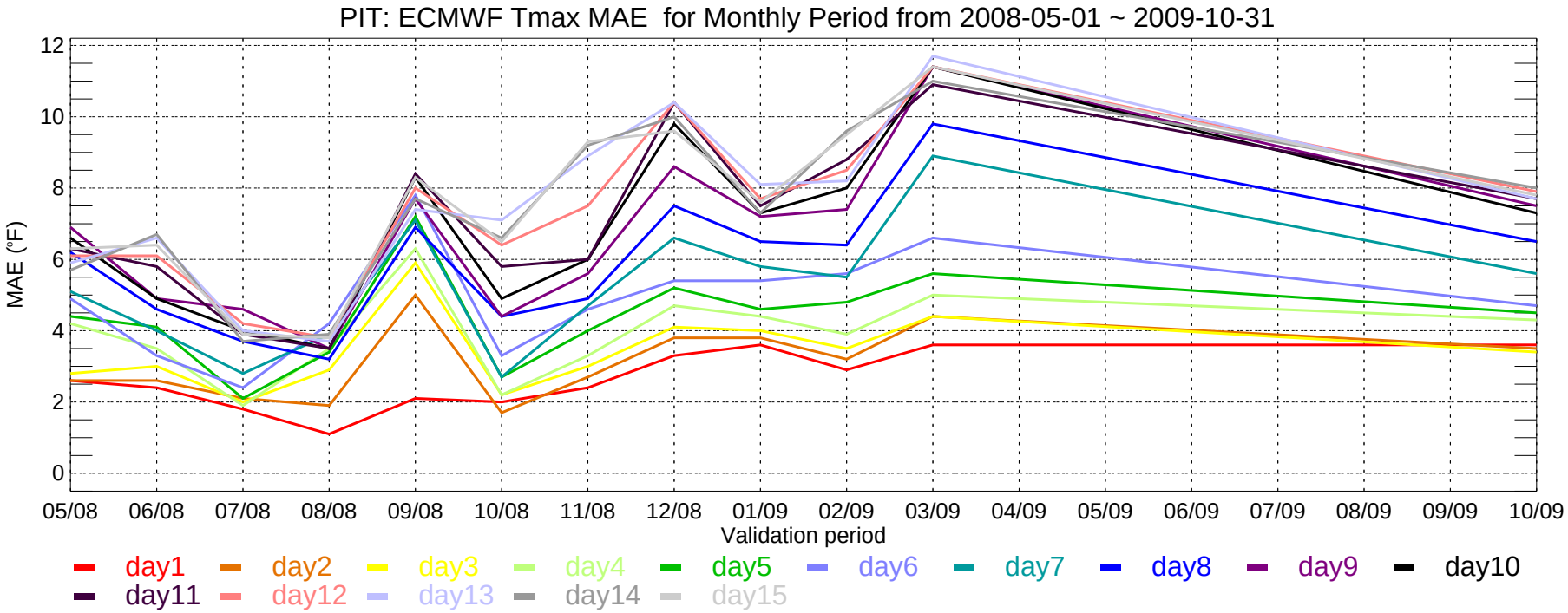
PIT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
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10/09
Validation period
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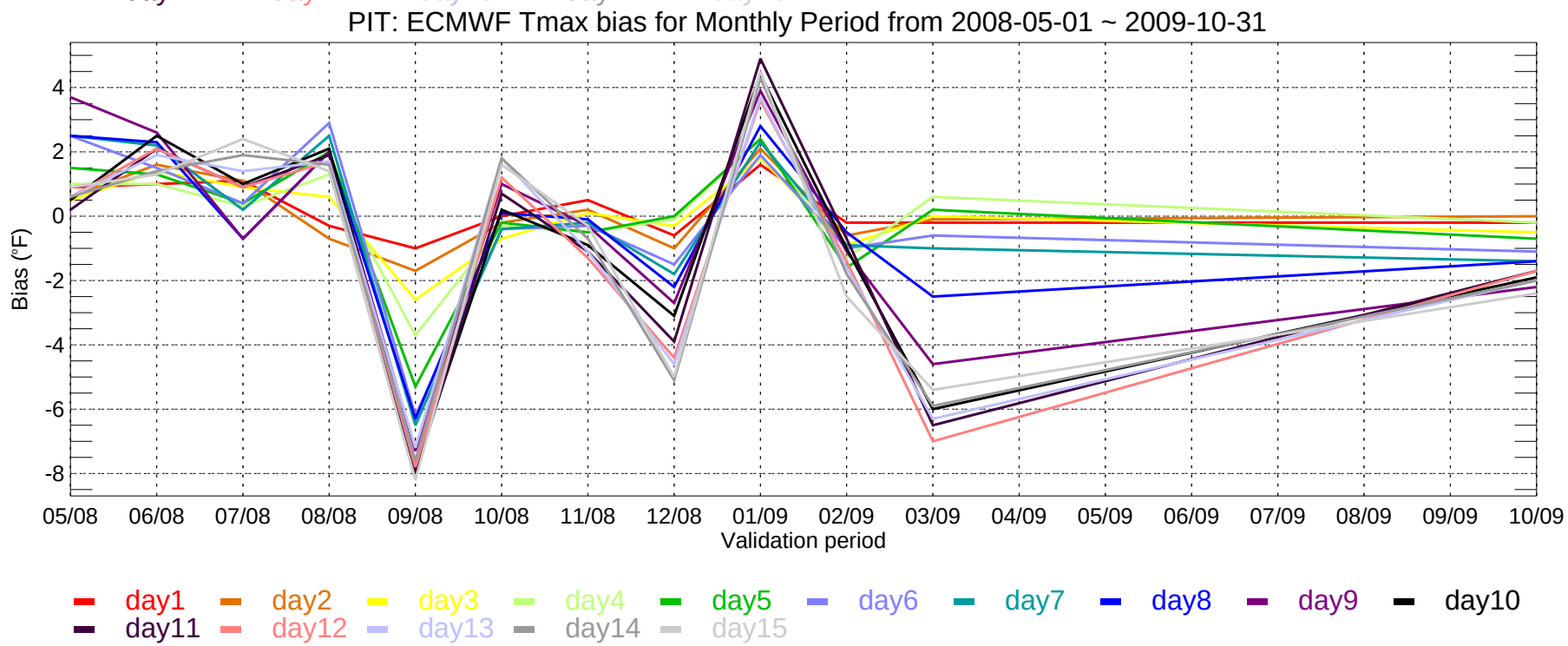
day15


PIT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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Validation period
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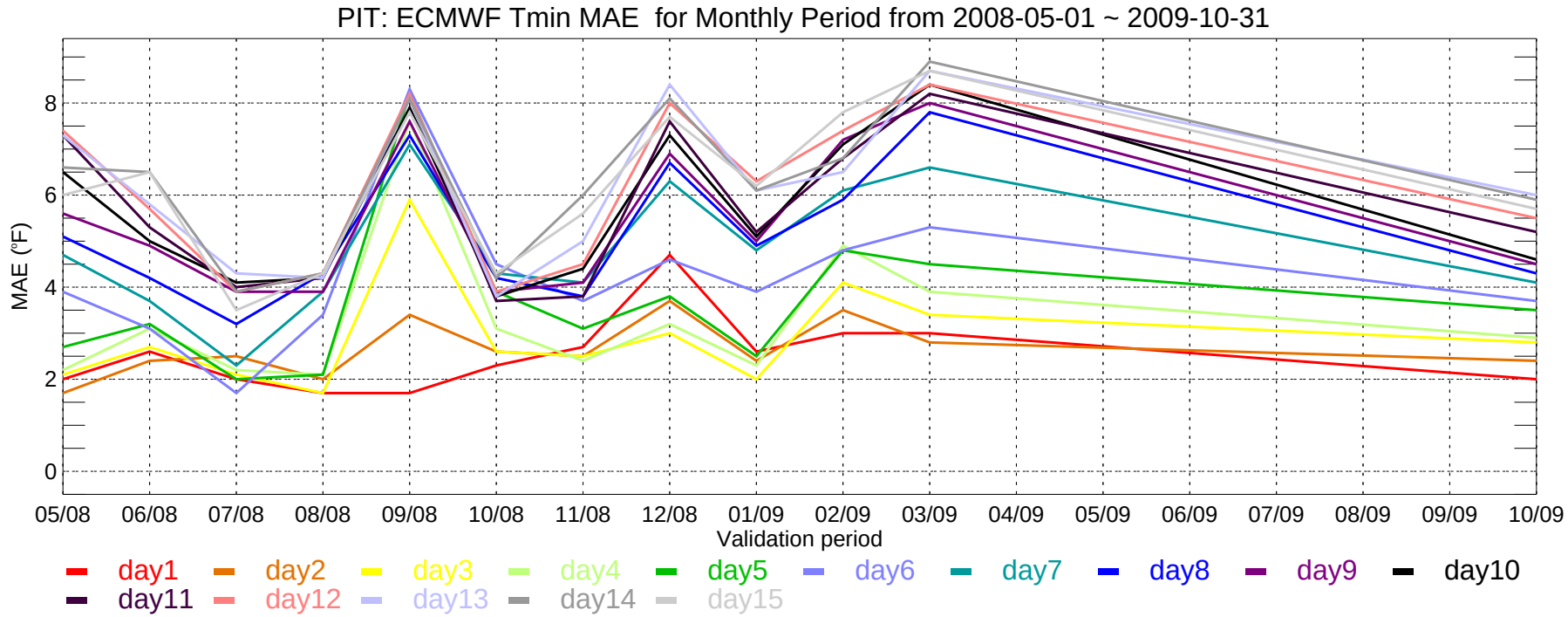
day15


PIT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
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8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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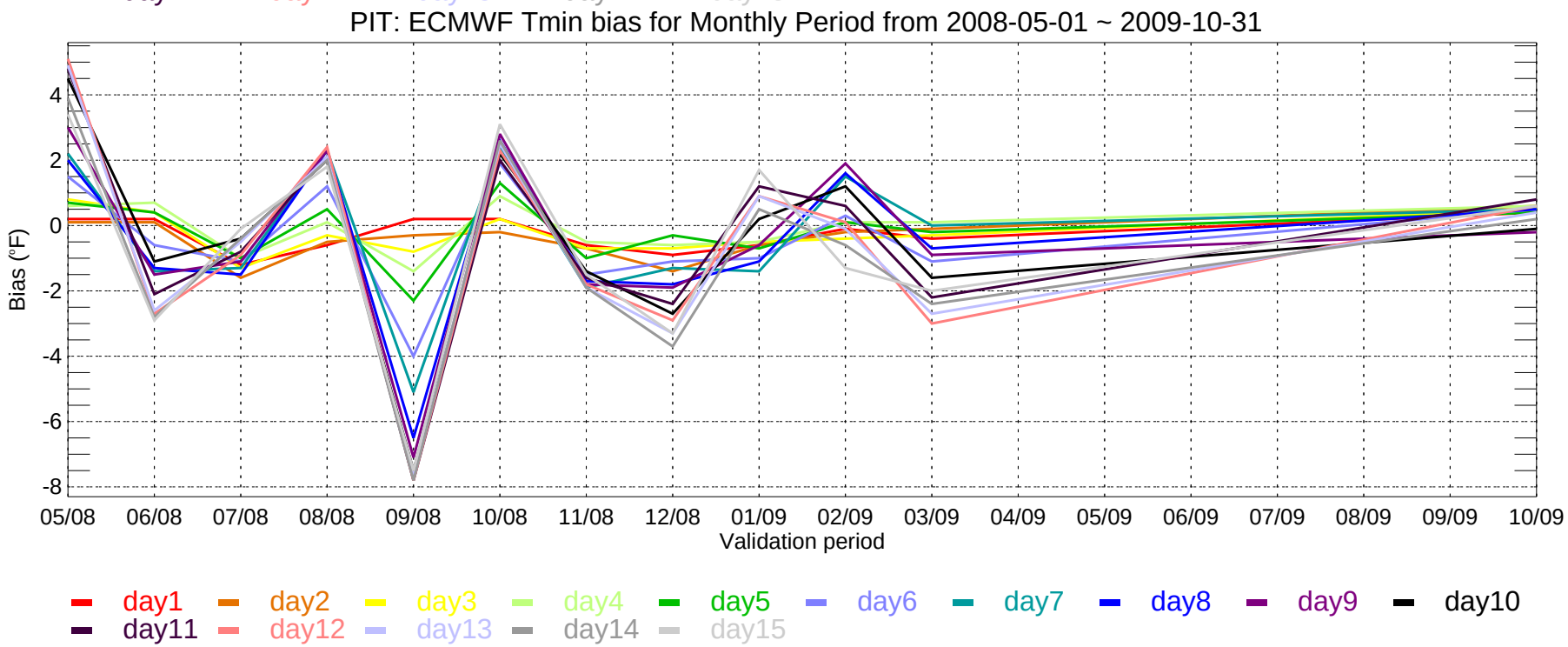
PIT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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10/09
Validation period
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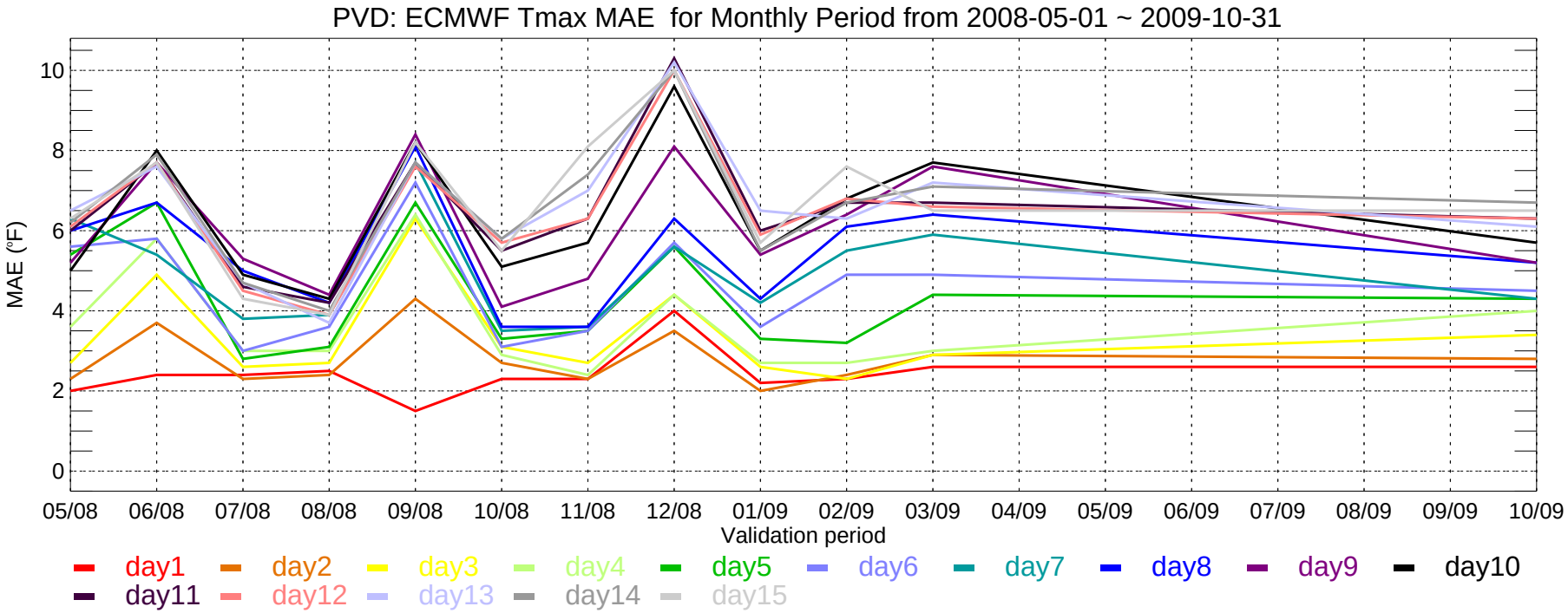
PVD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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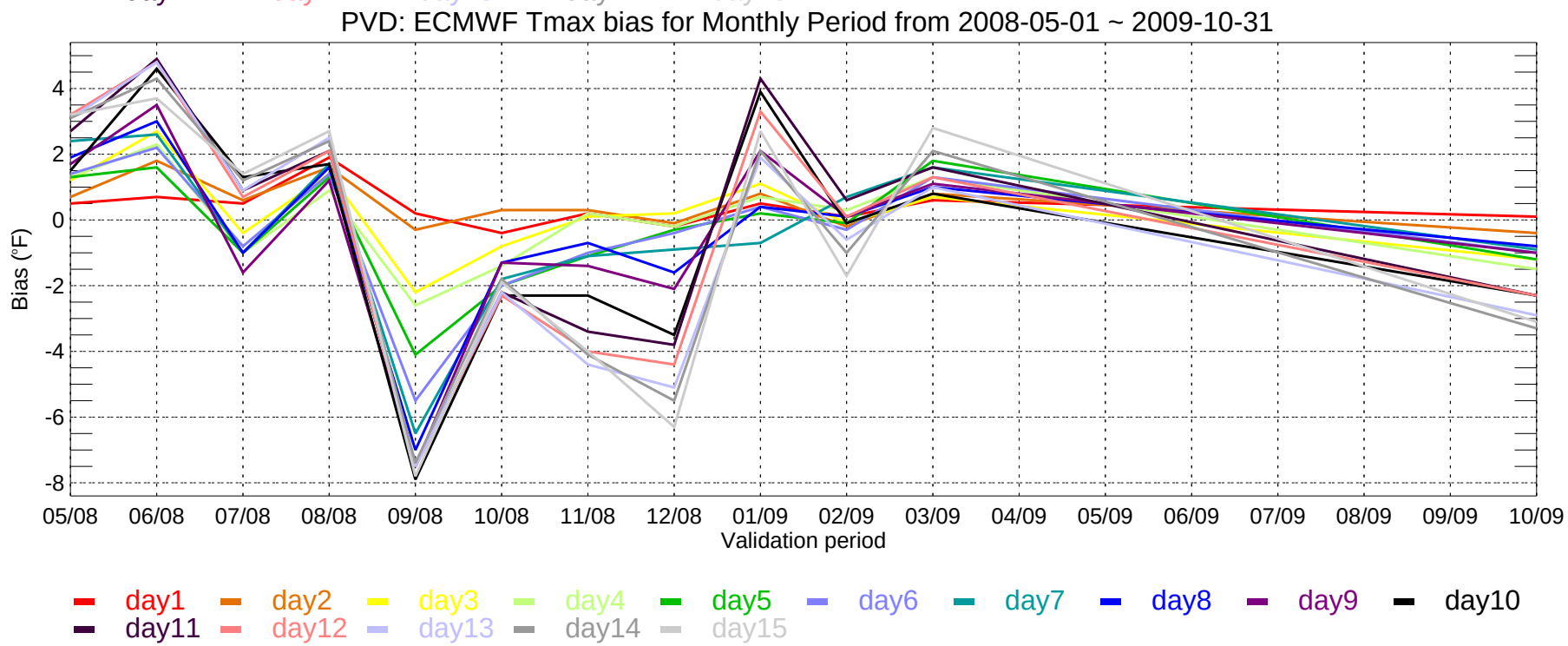
PVD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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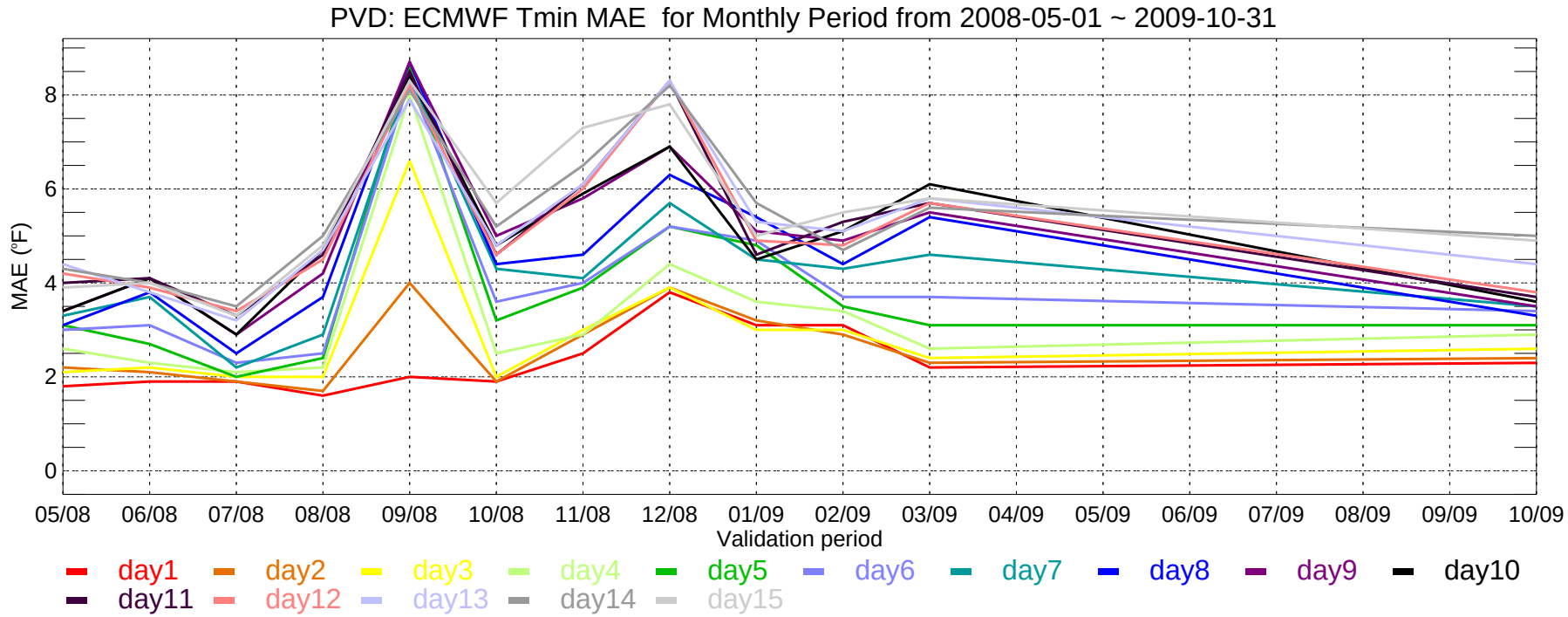
PVD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
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05/08
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Validation period
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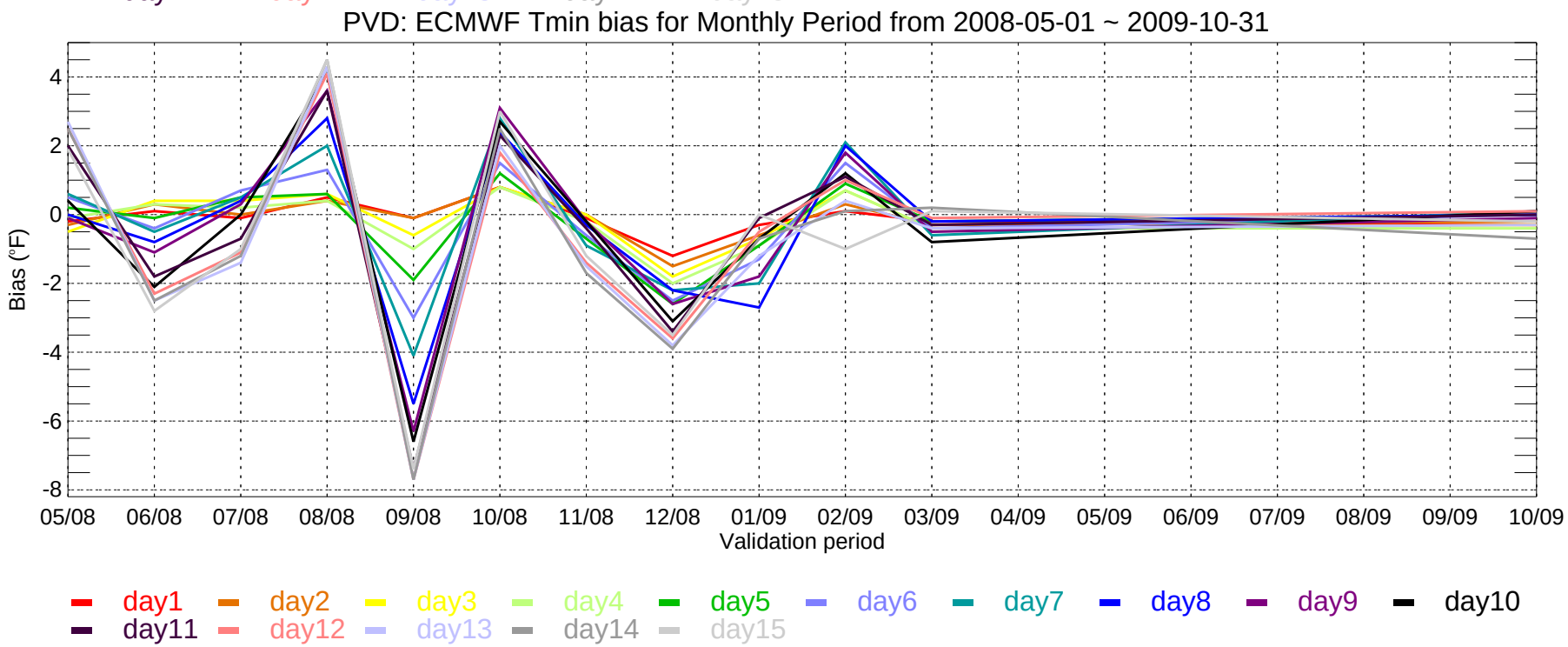
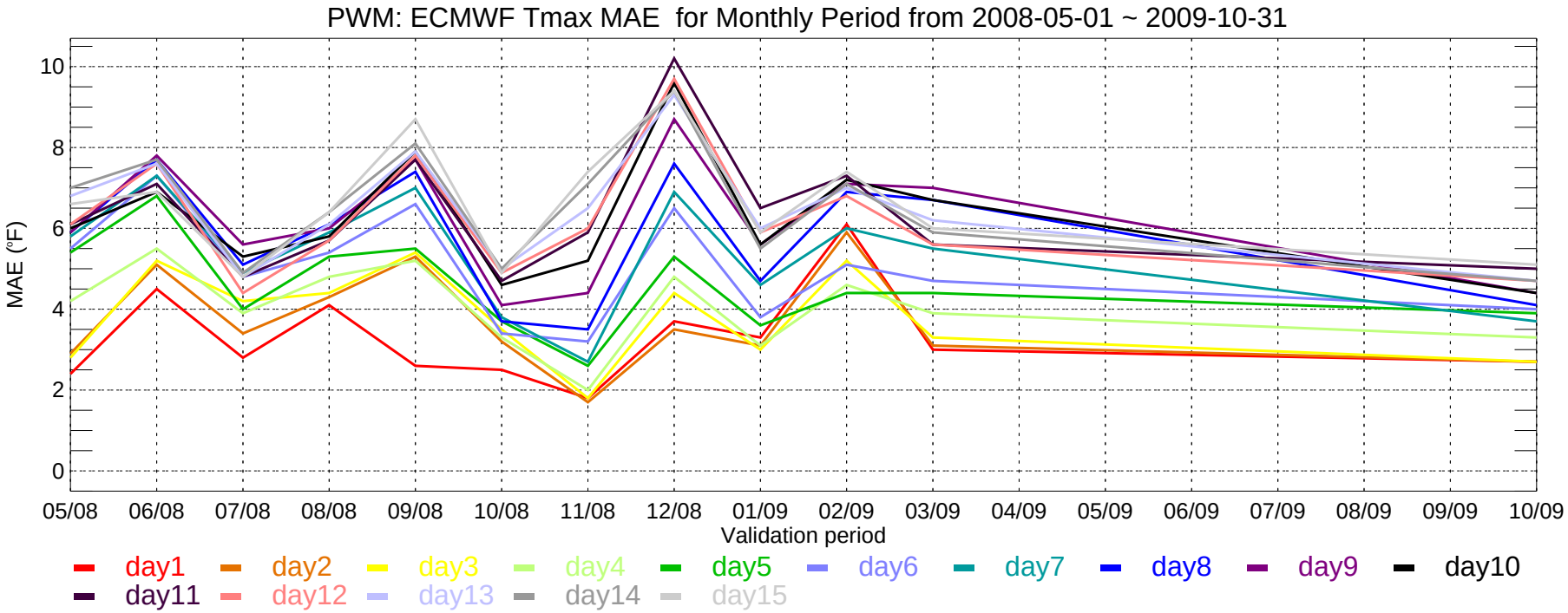
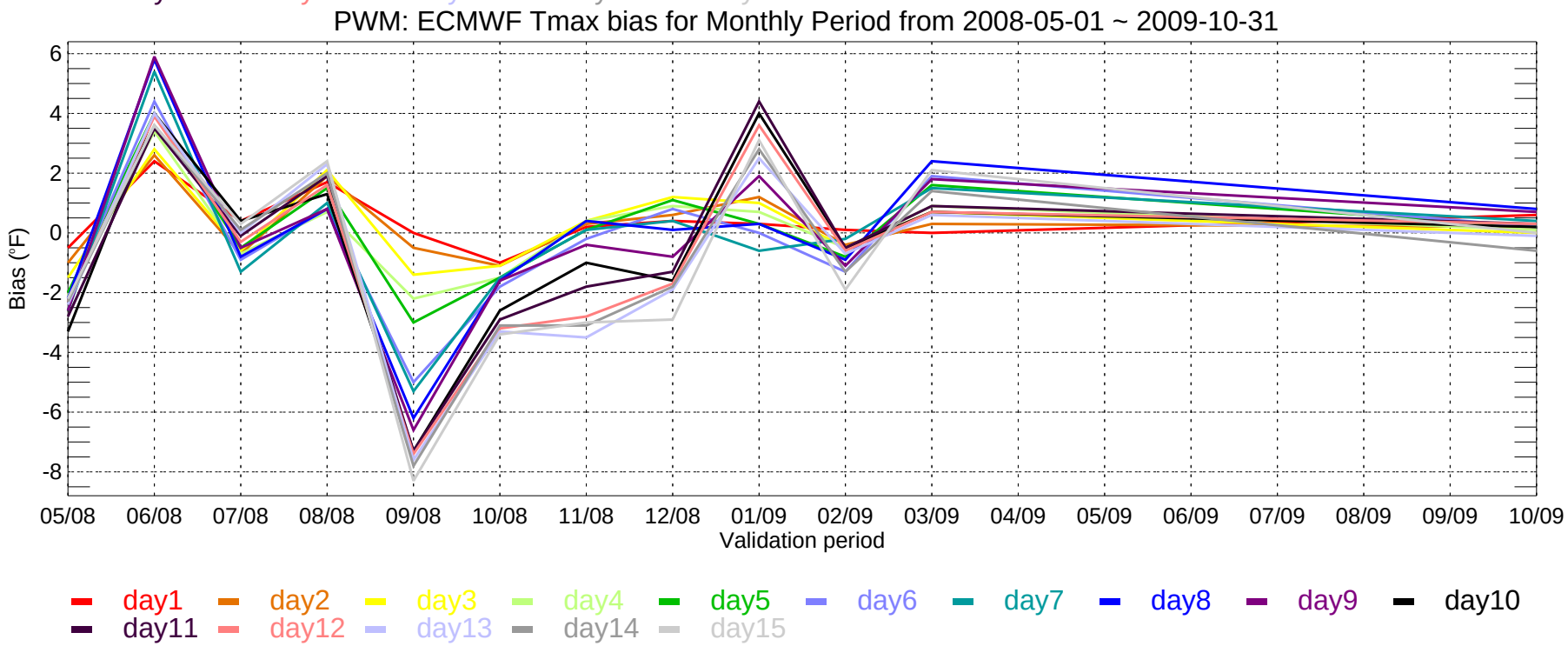
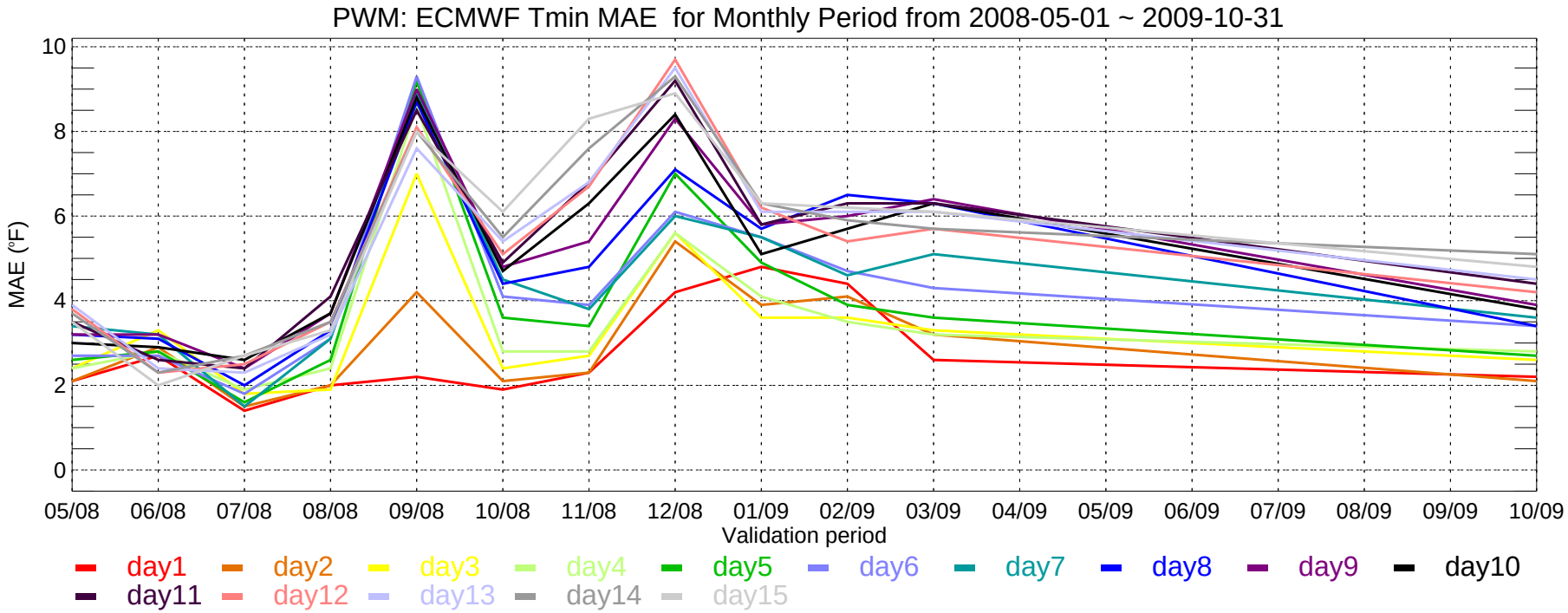
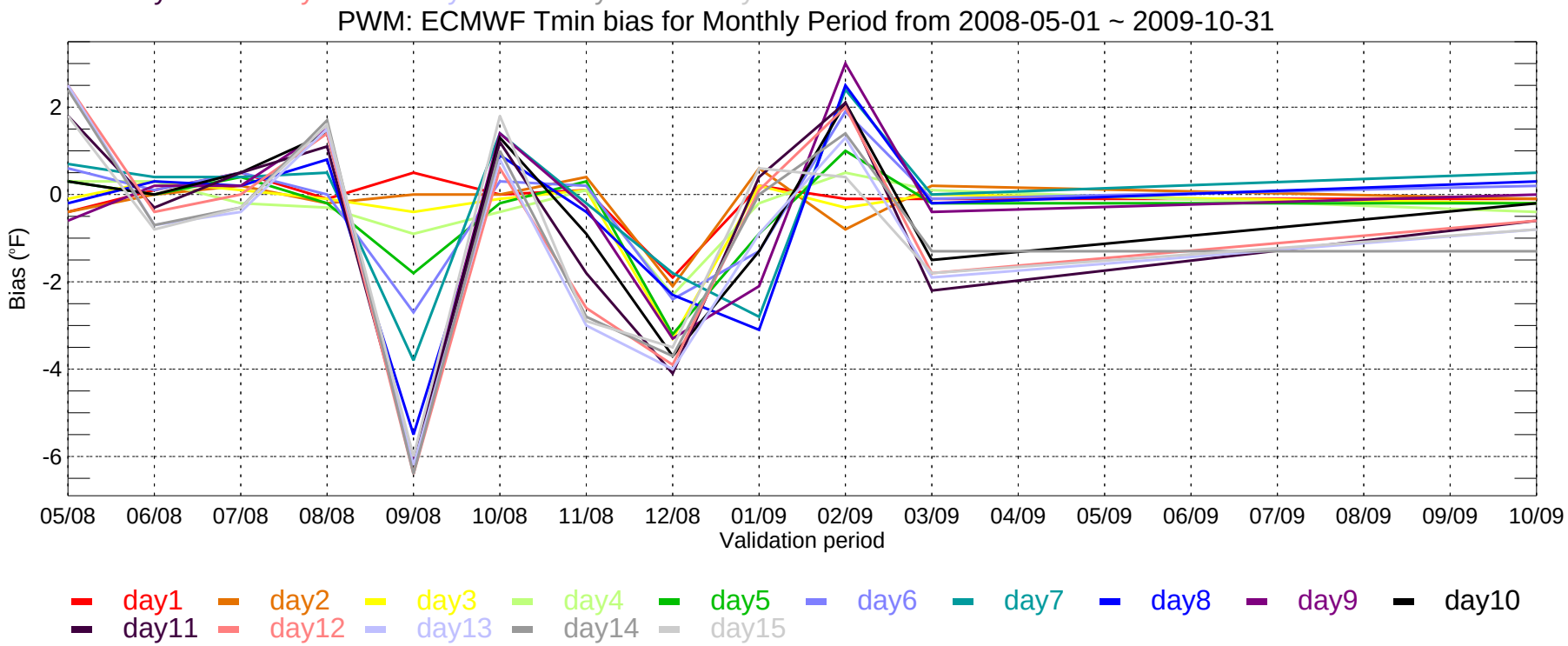
day14
day15

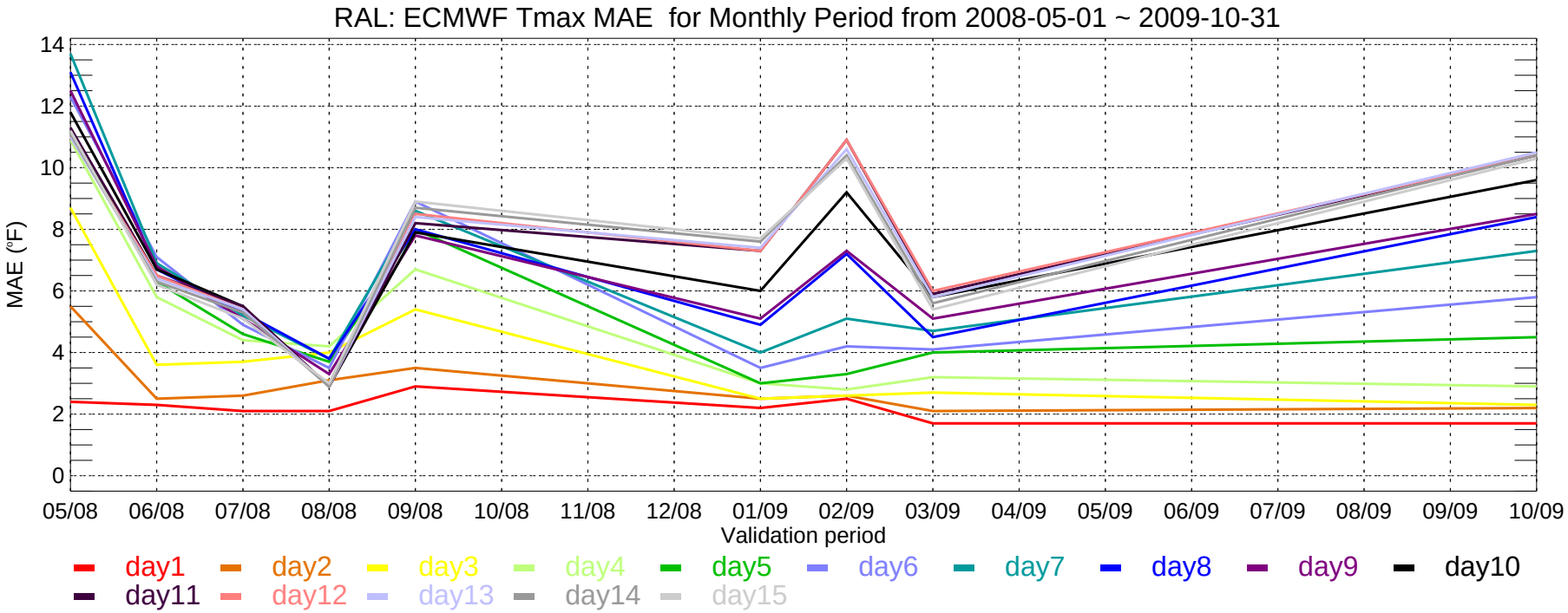

PVD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

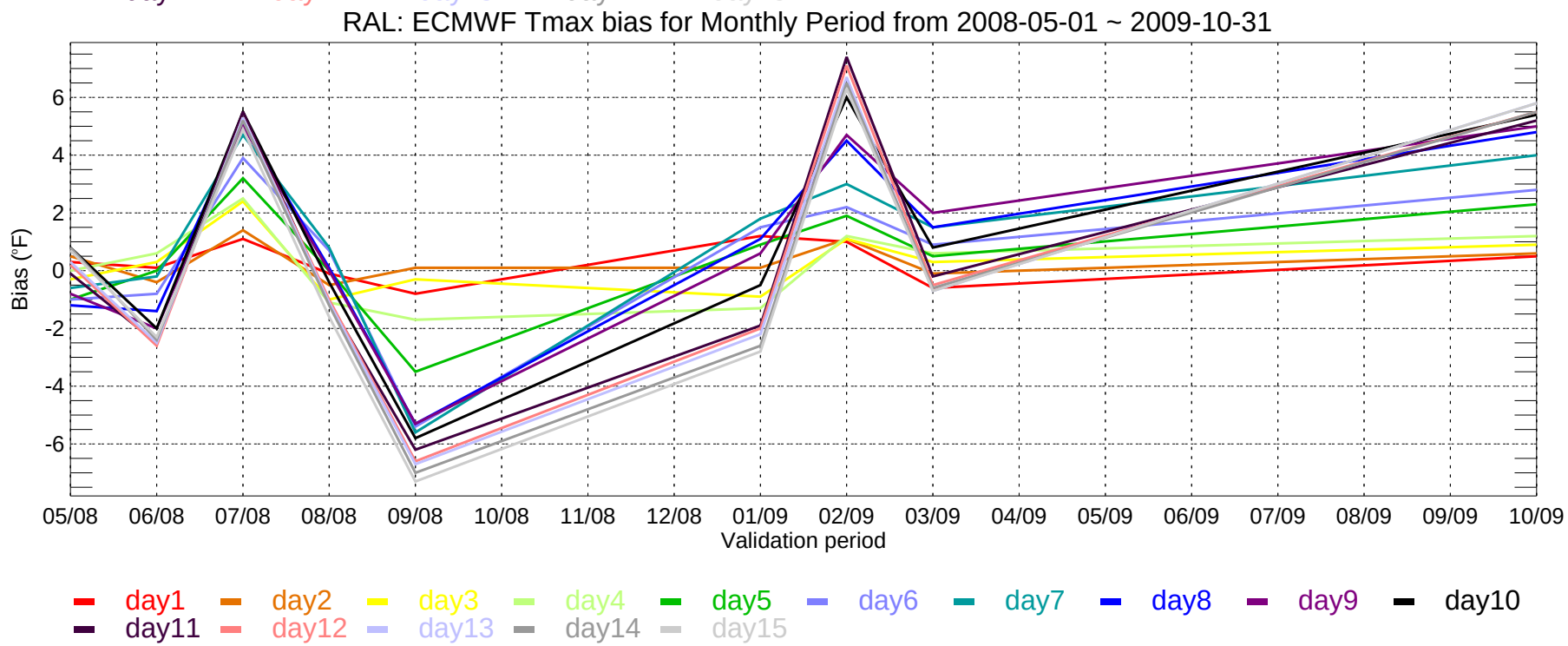

PWM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

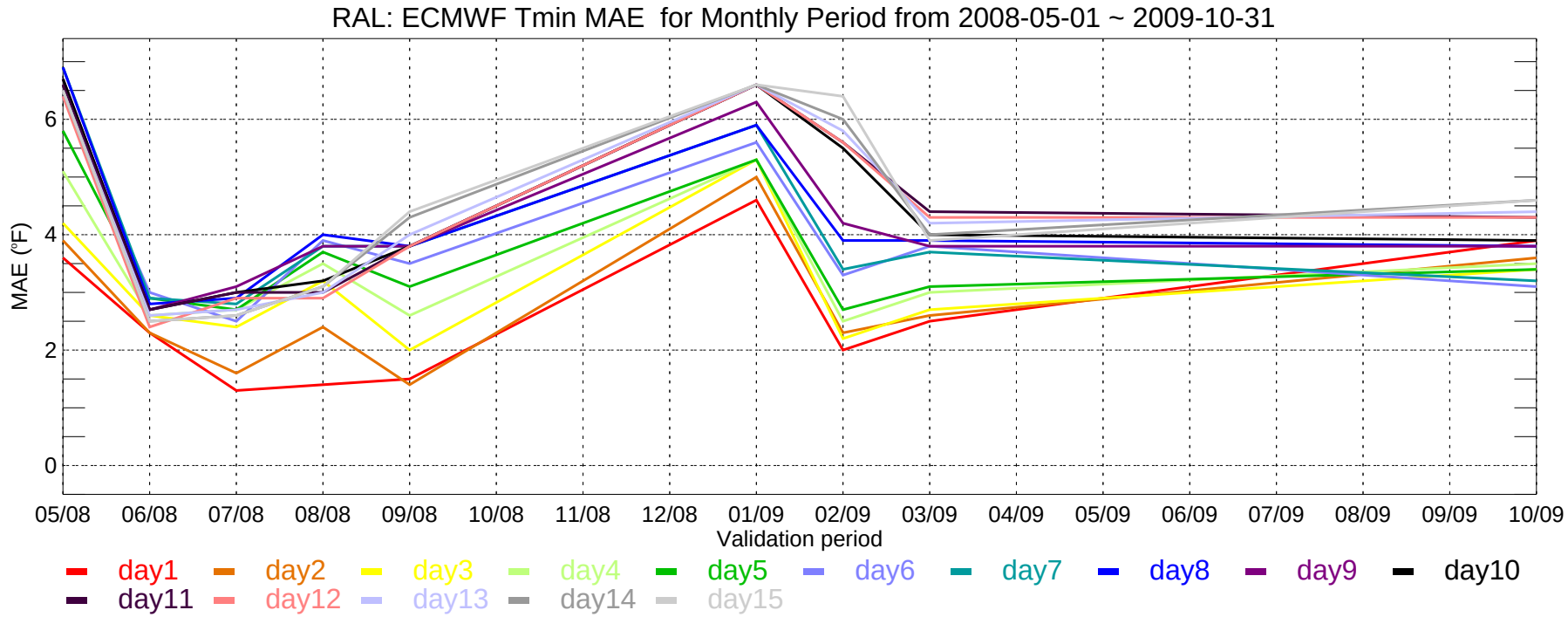

PWM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

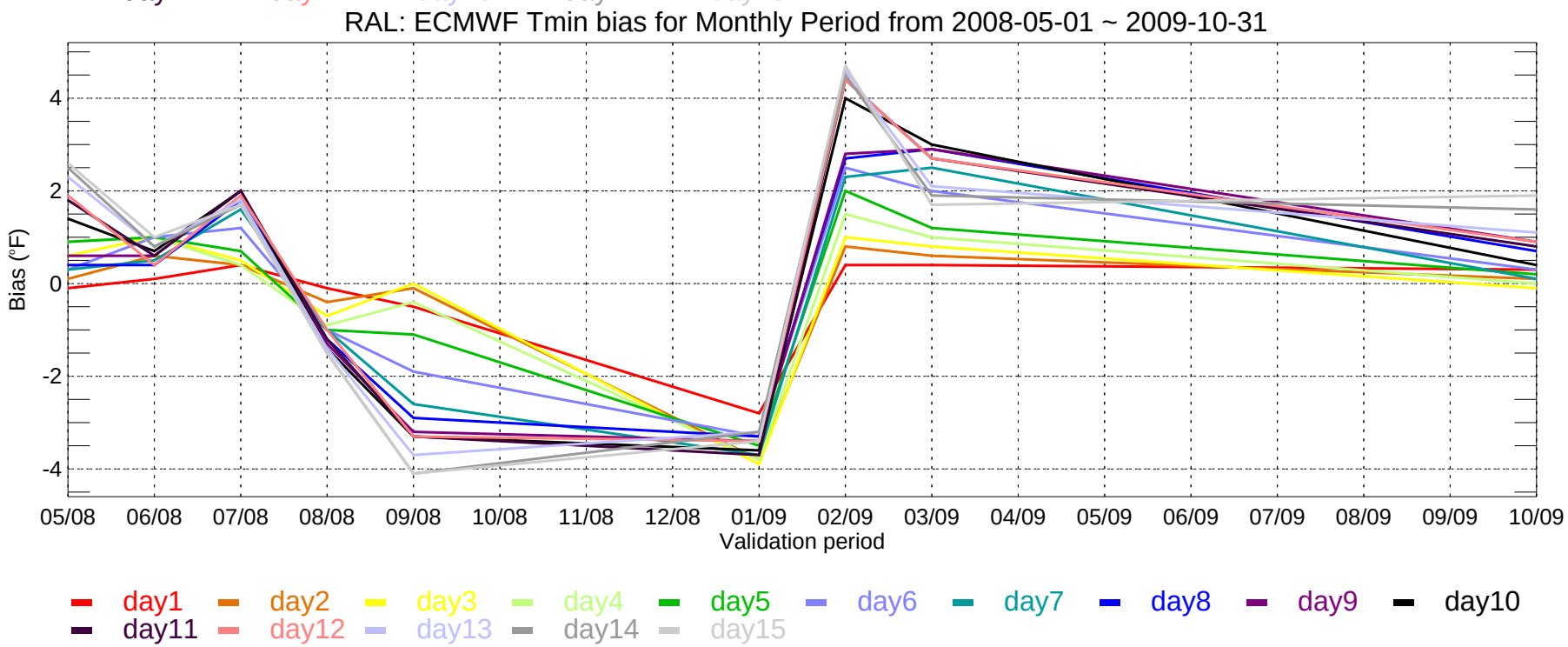

PWM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

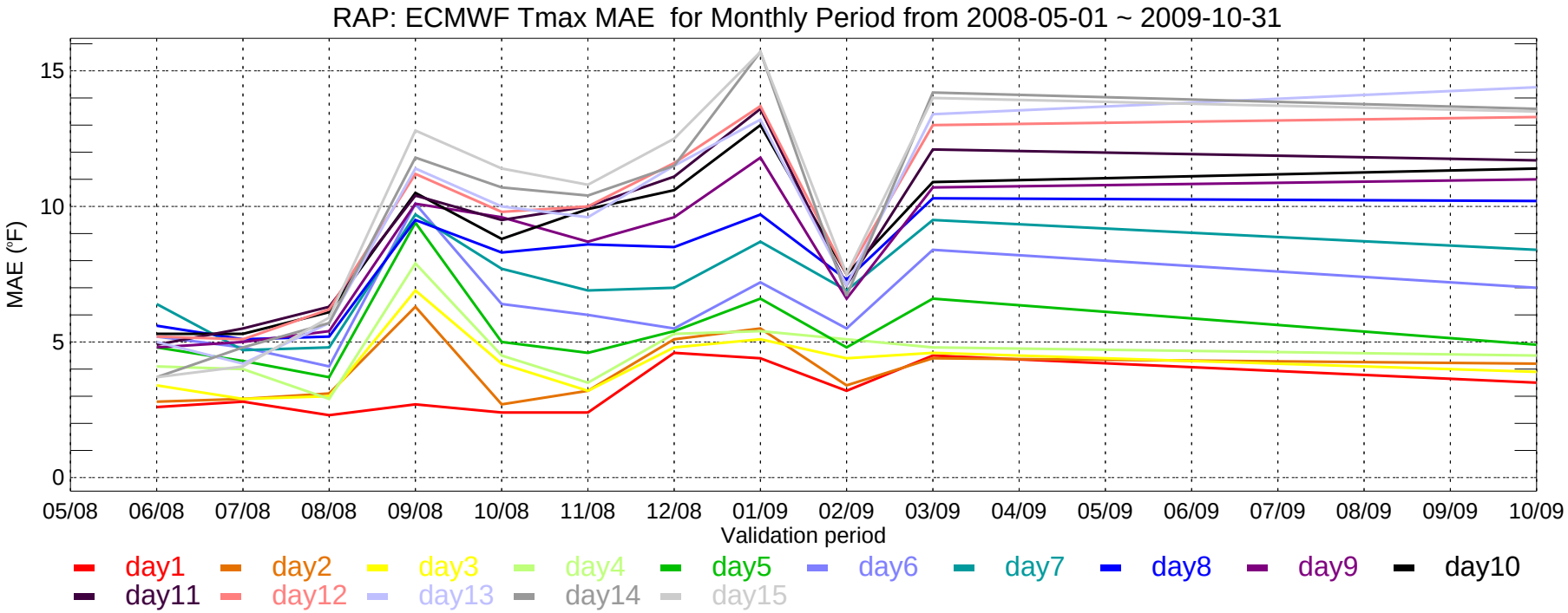

PWM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

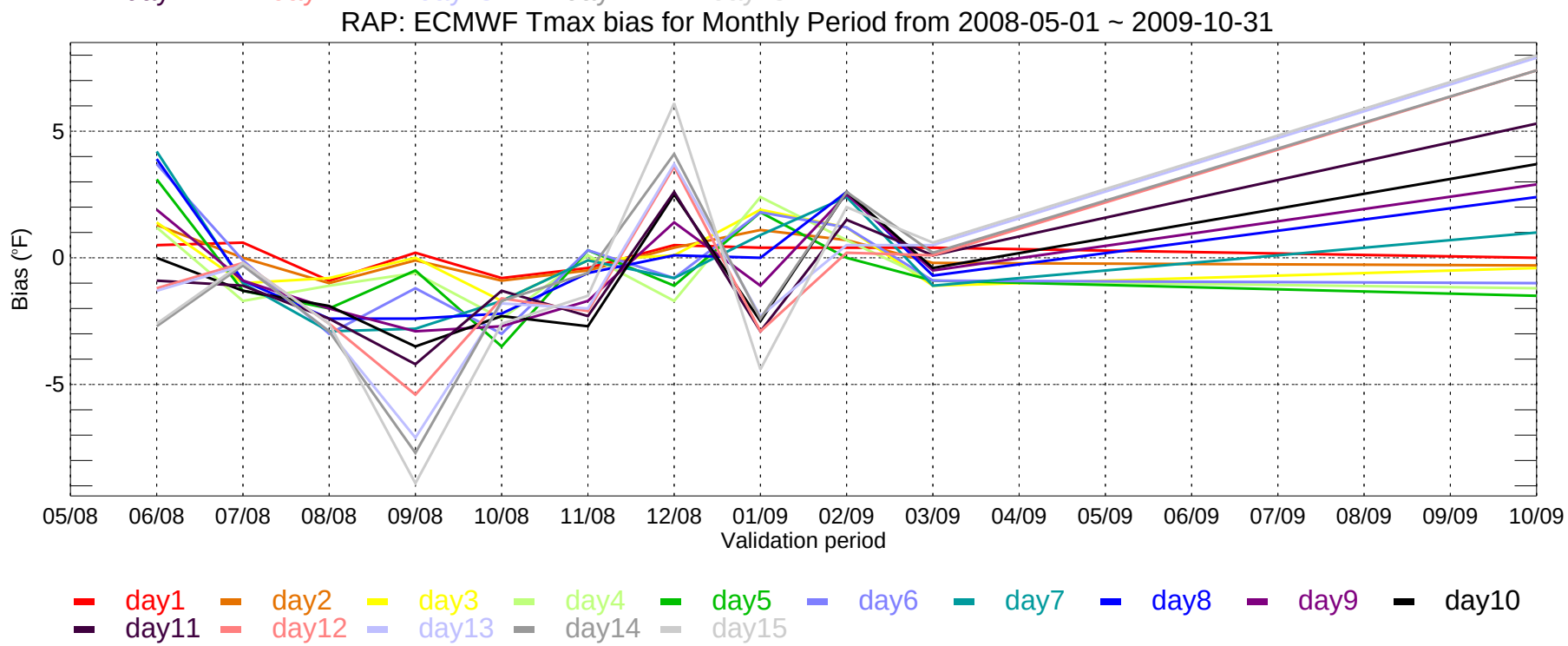

RAL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
14
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

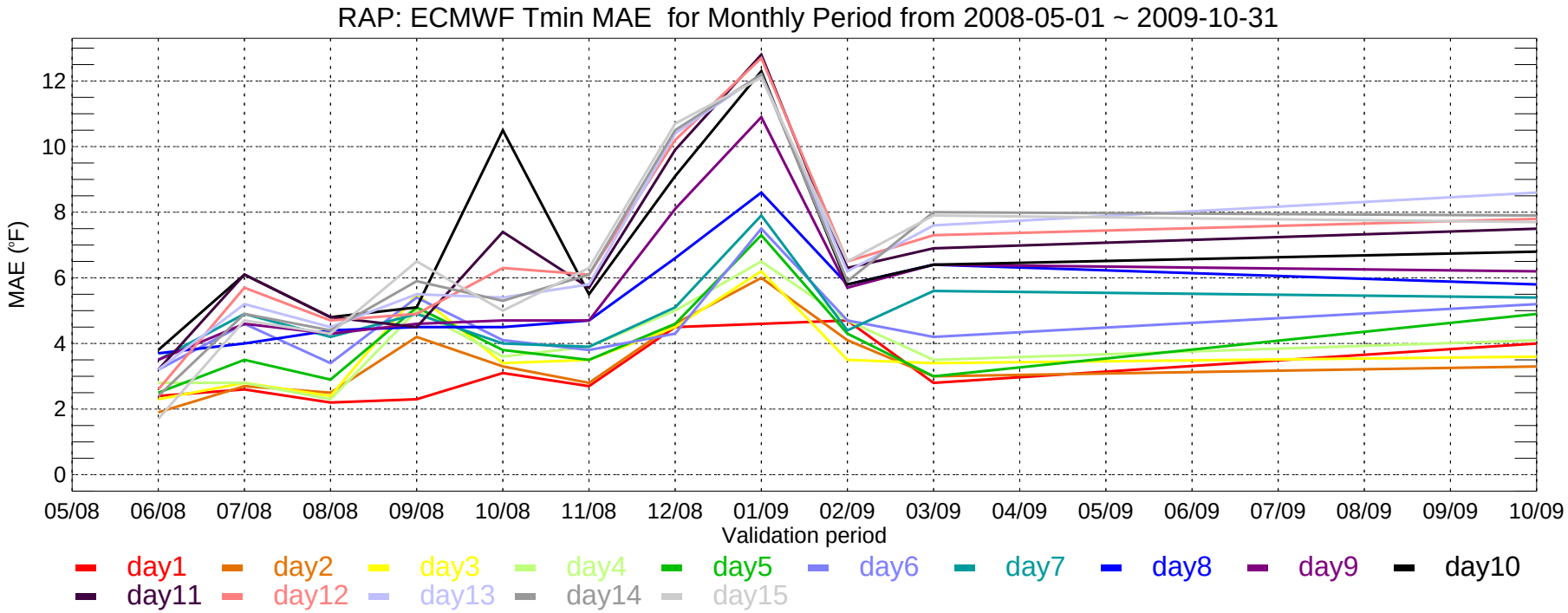

RAL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

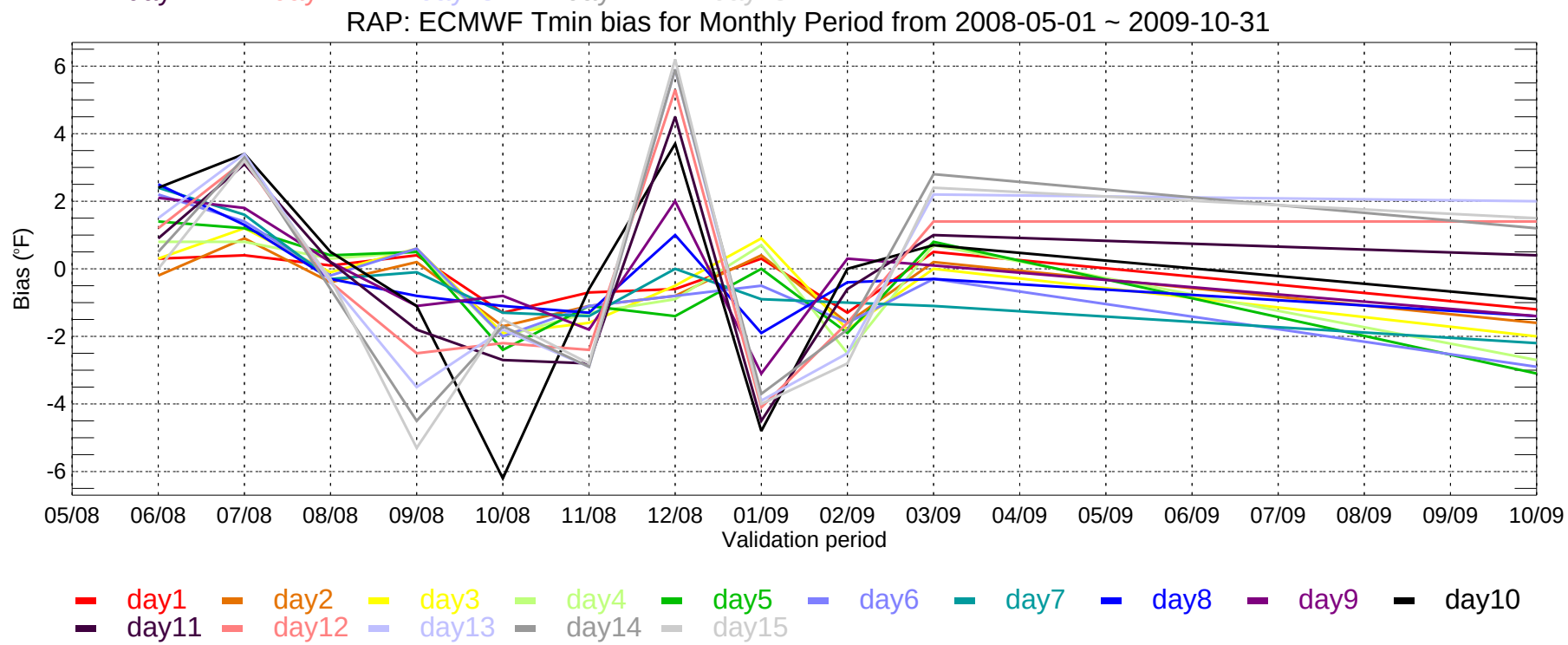

RAL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

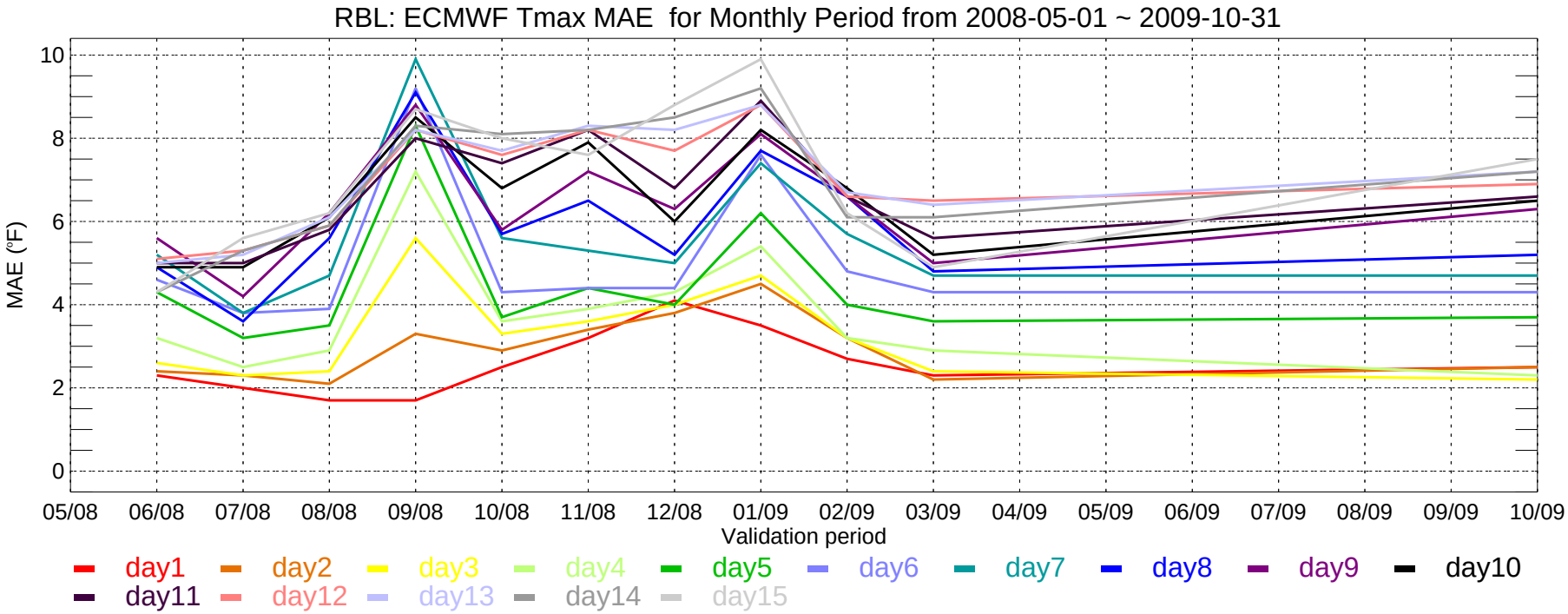

RAL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

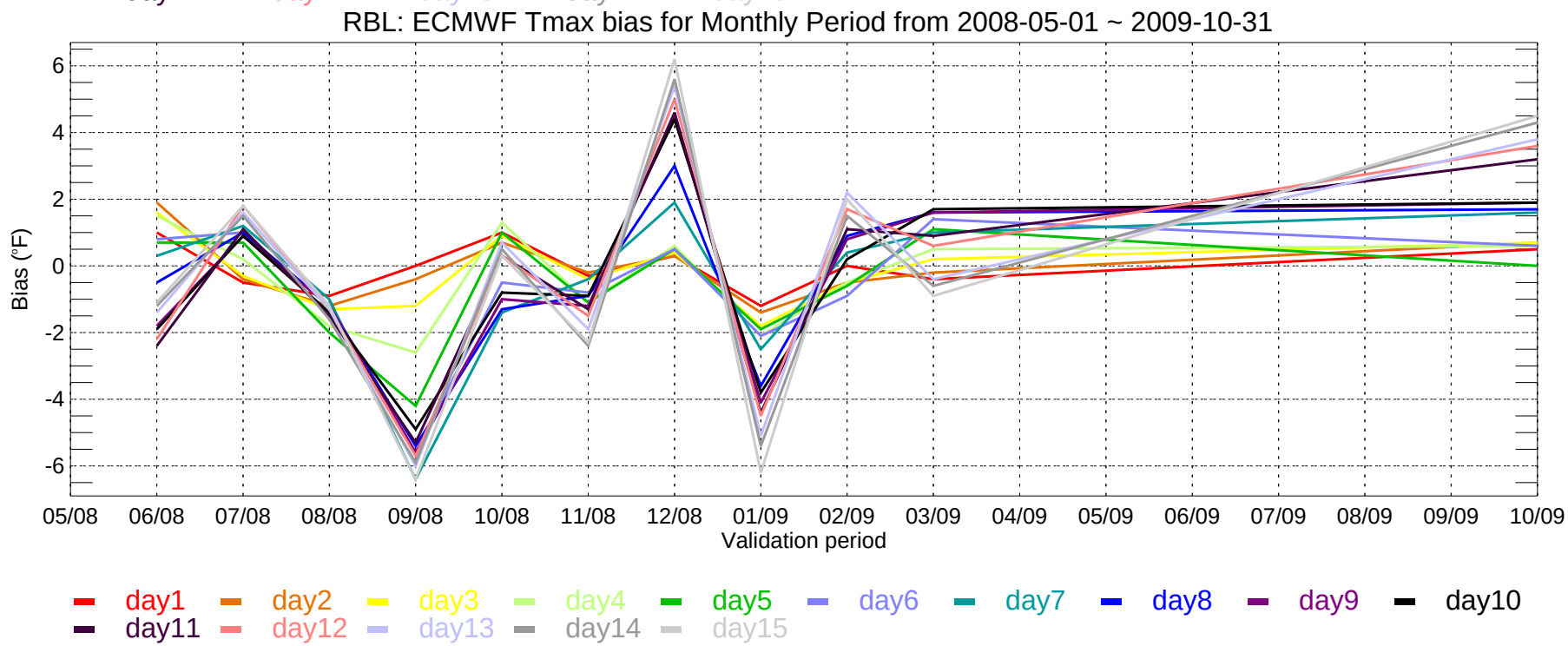

RAP: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
15
10
5
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

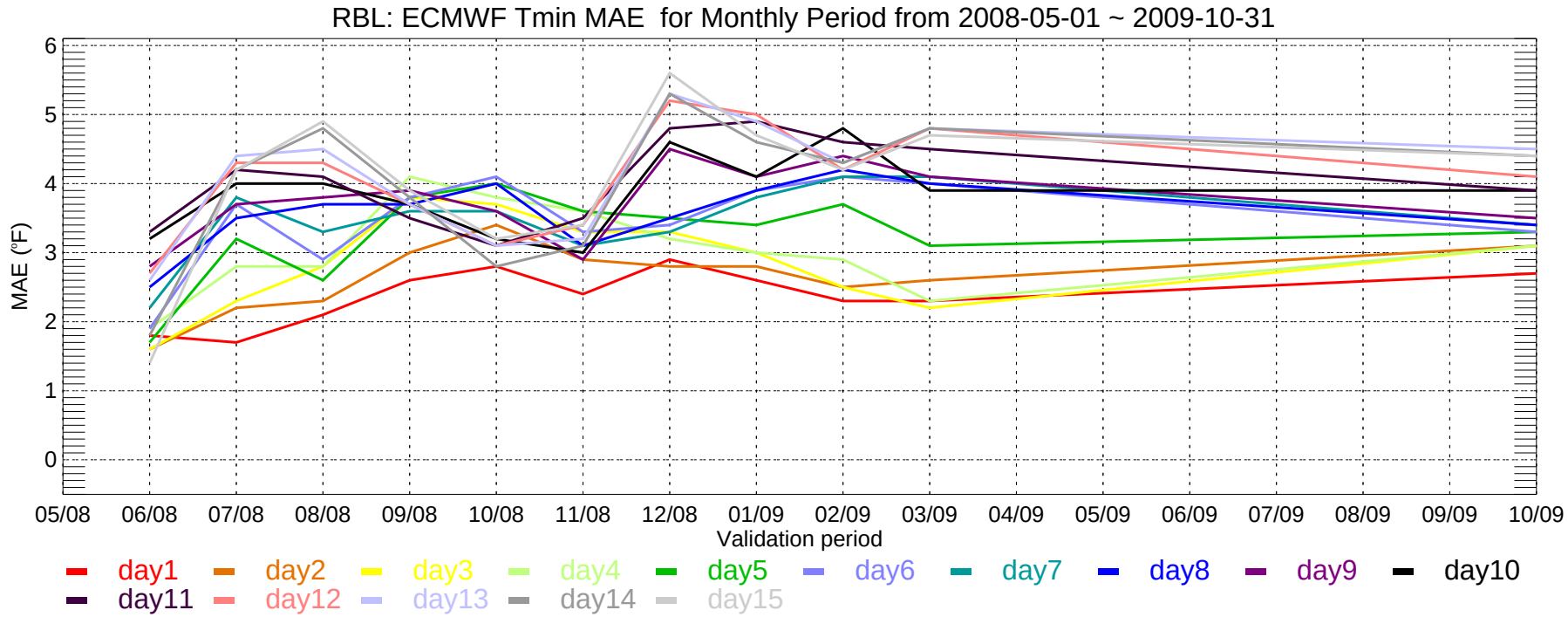

RAP: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

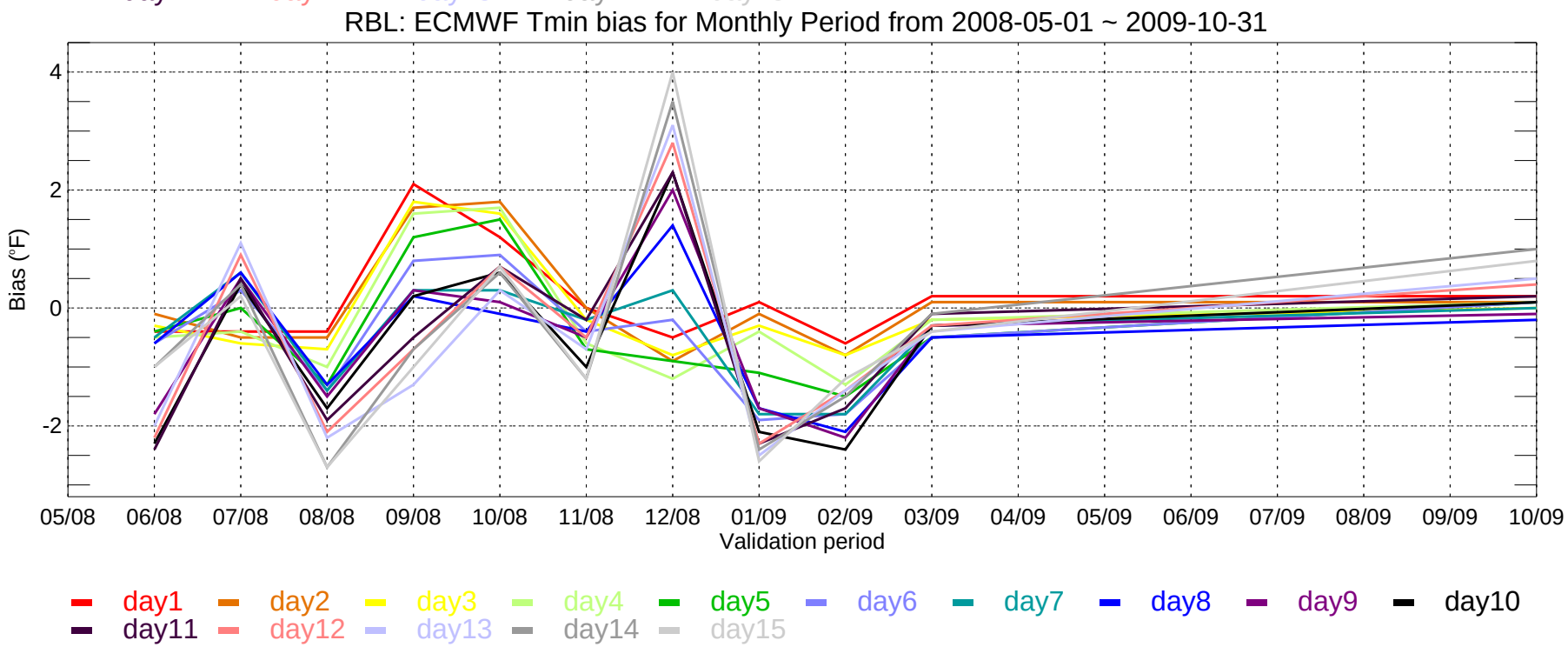

RAP: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

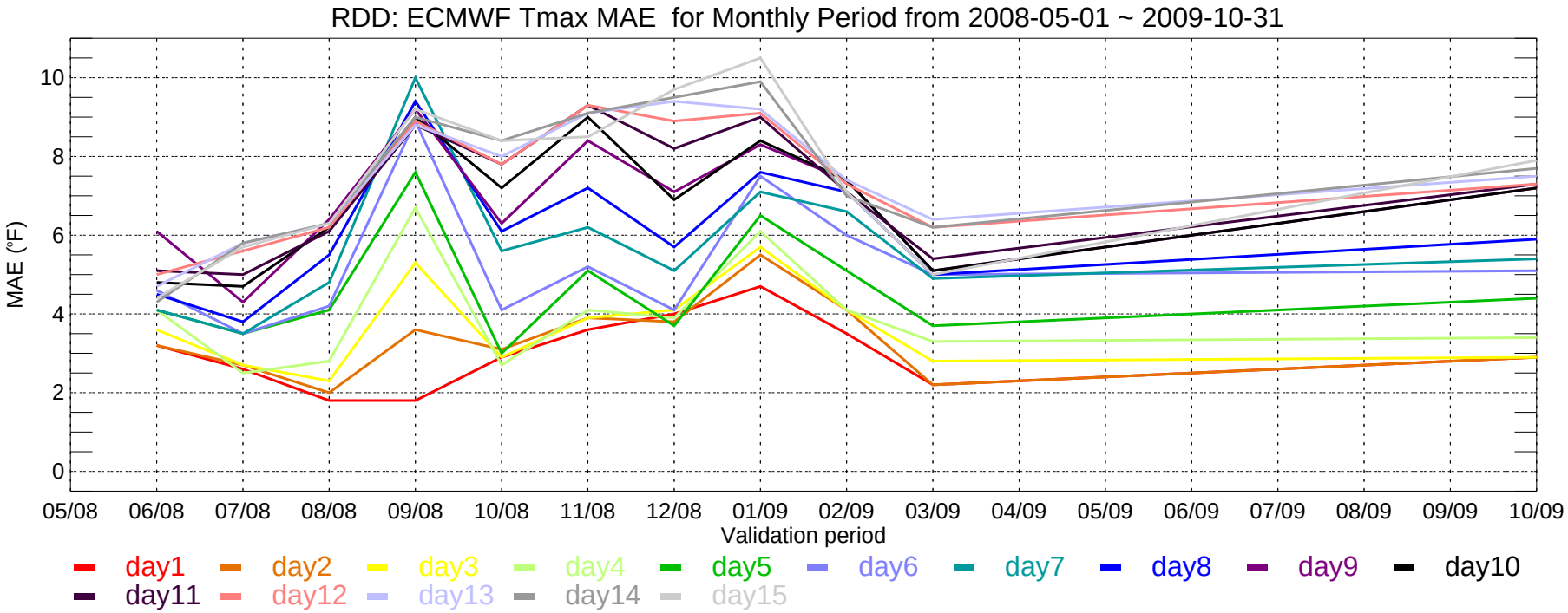

RAP: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

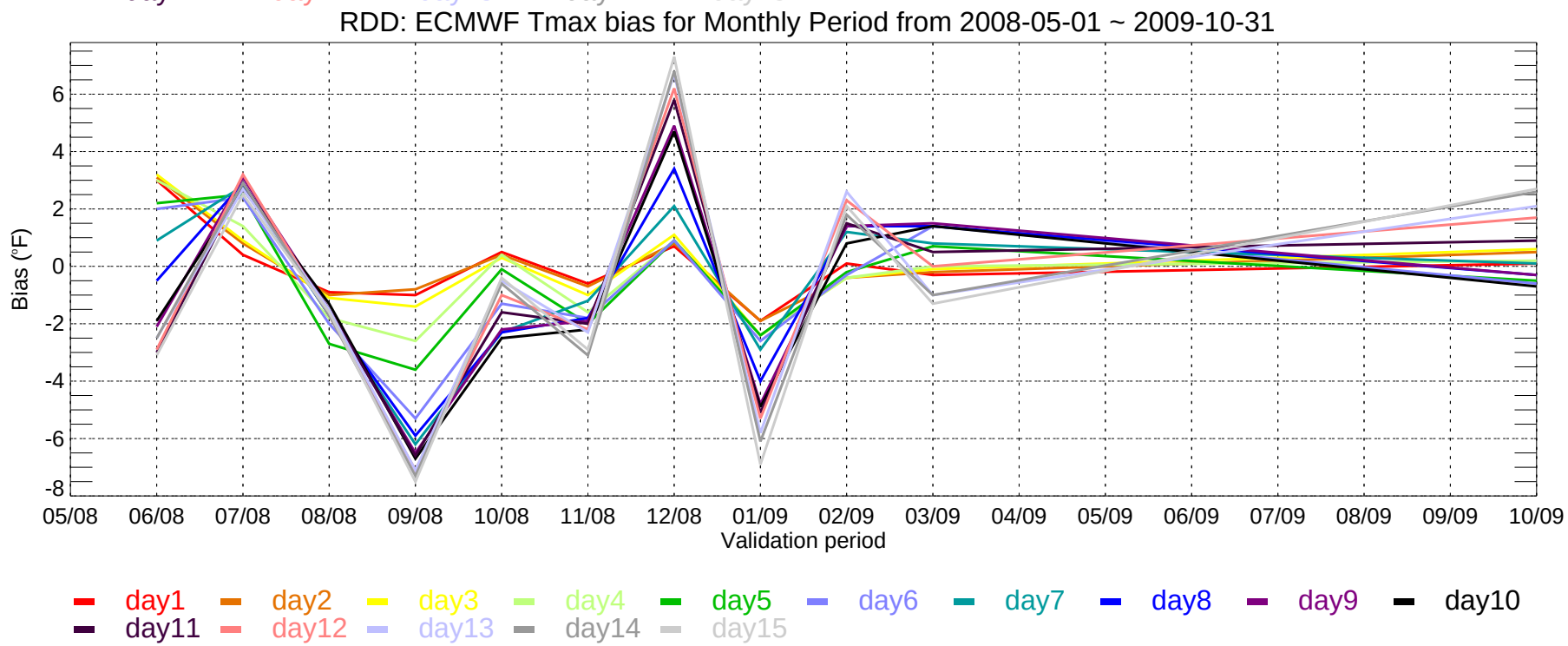

RBL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

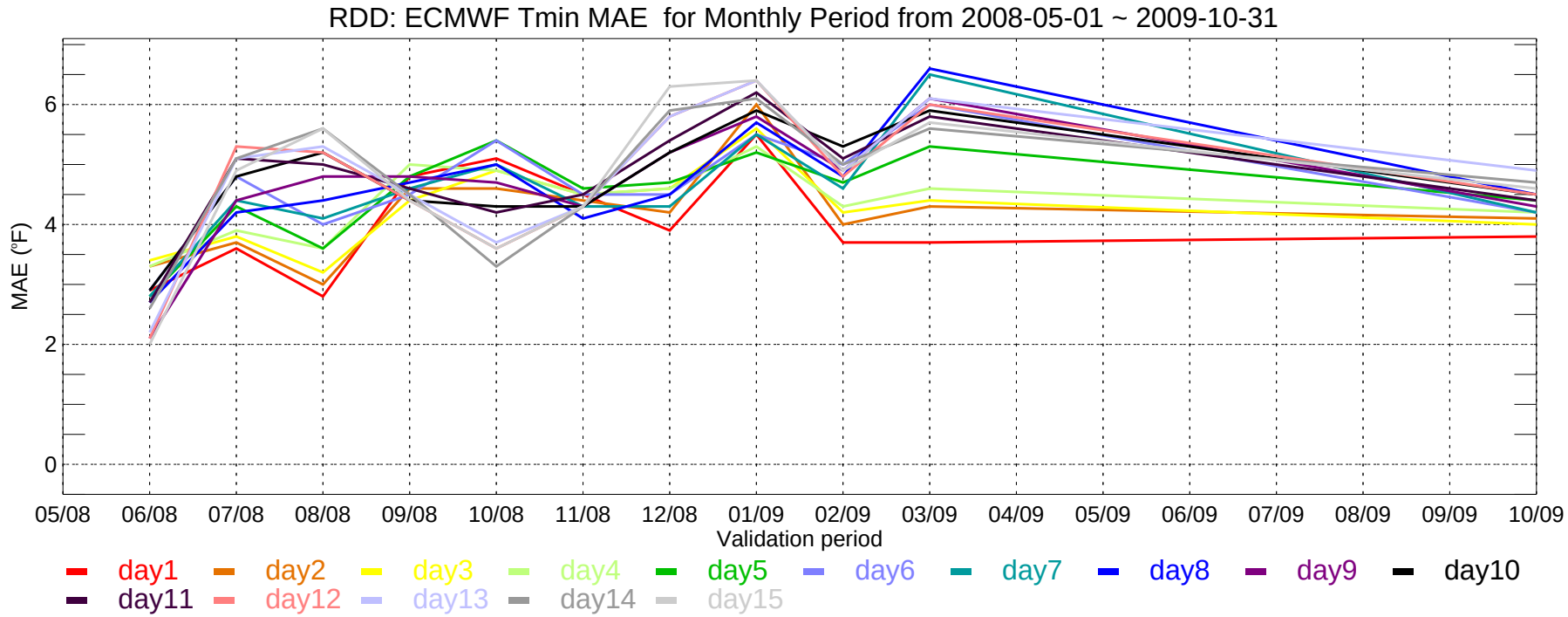

RBL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

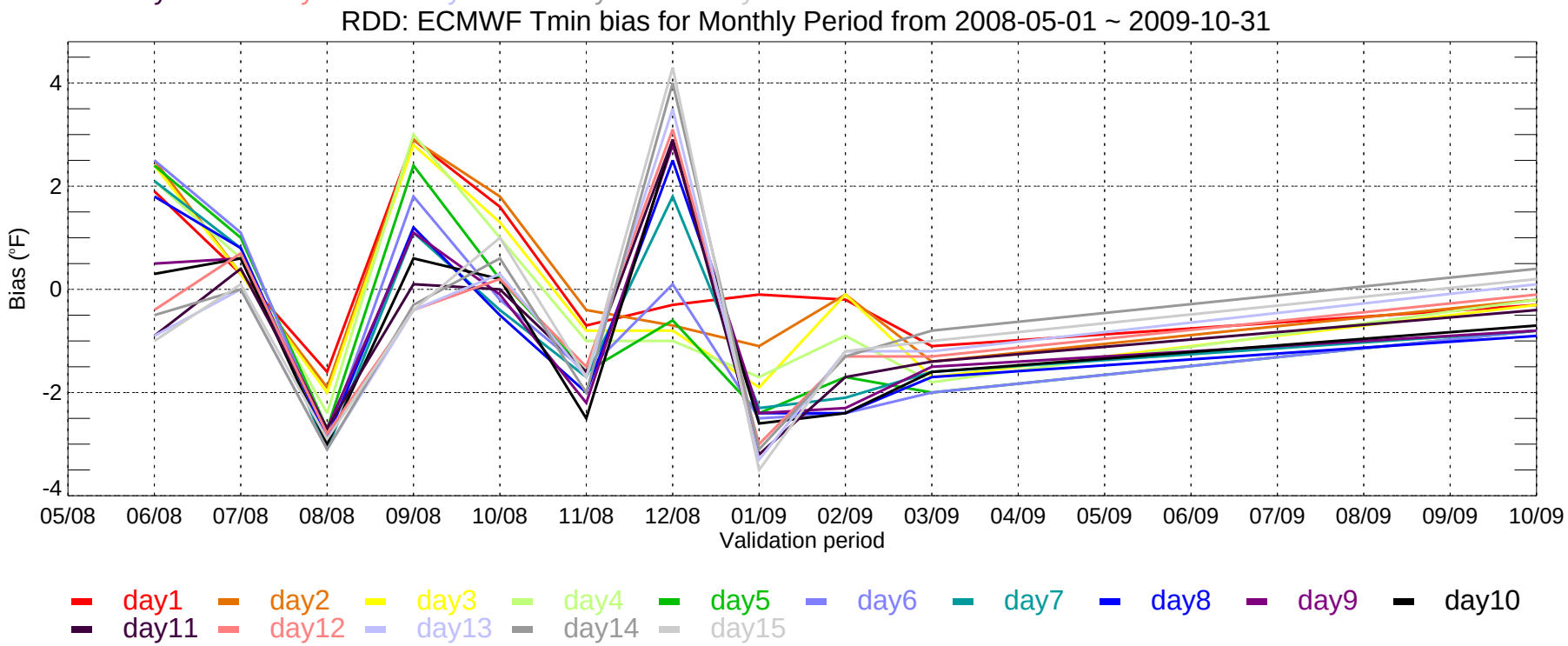

RBL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
6
5
4
3
2
1
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


RBL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


RDD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


RDD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-8
-6
-4
-2
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


RDD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


RDD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
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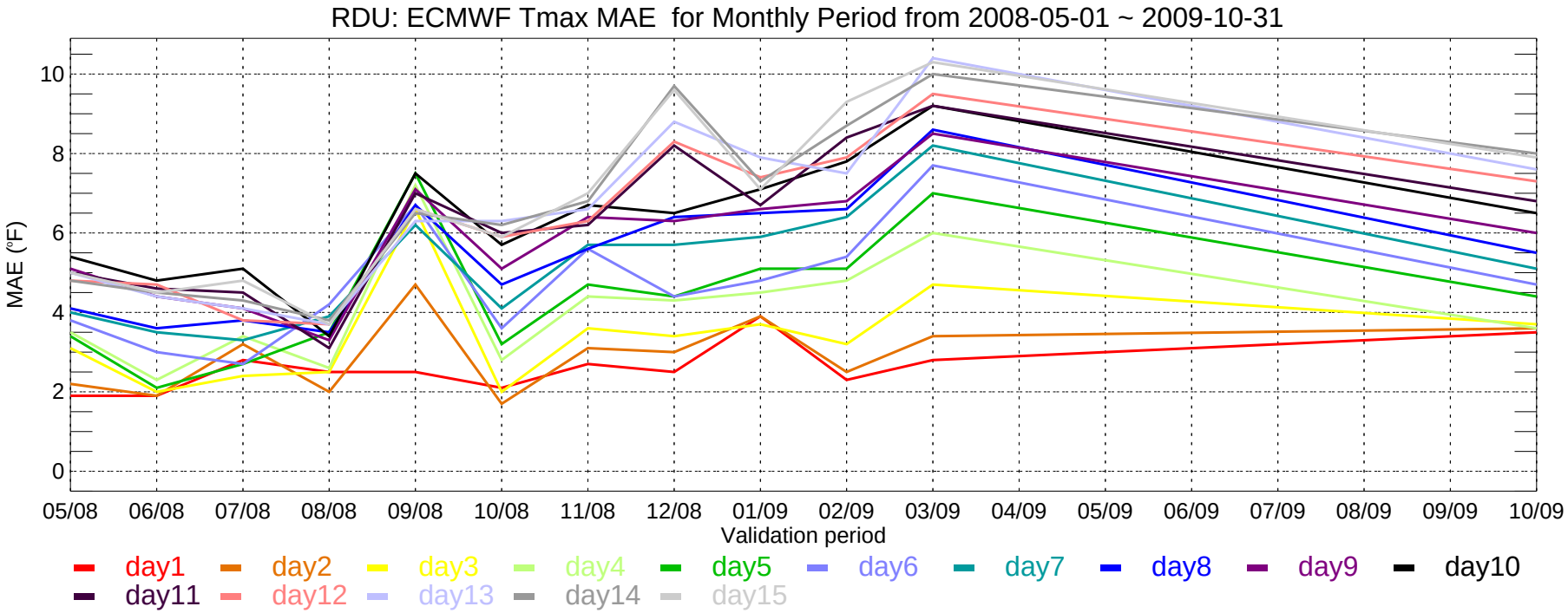
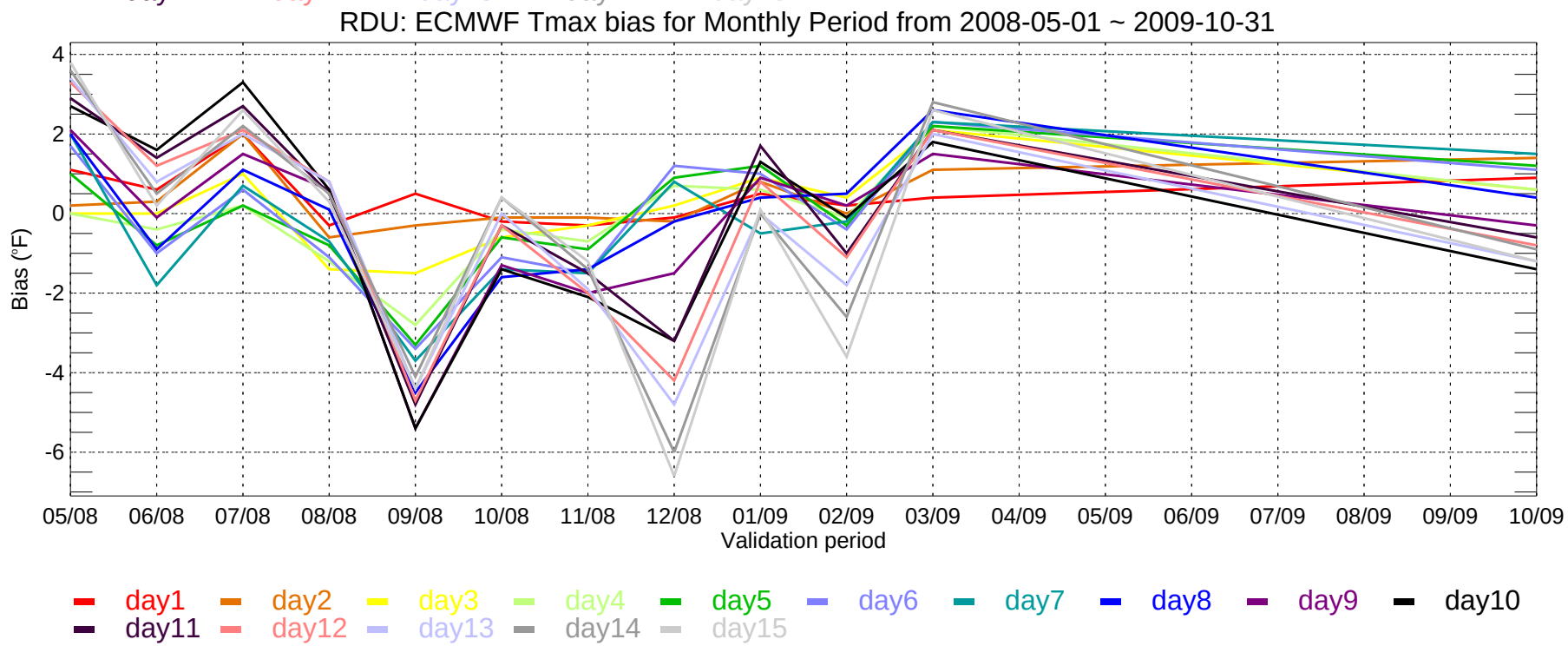
day11
day12
day13
day14
day15


RDU: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


RDU: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
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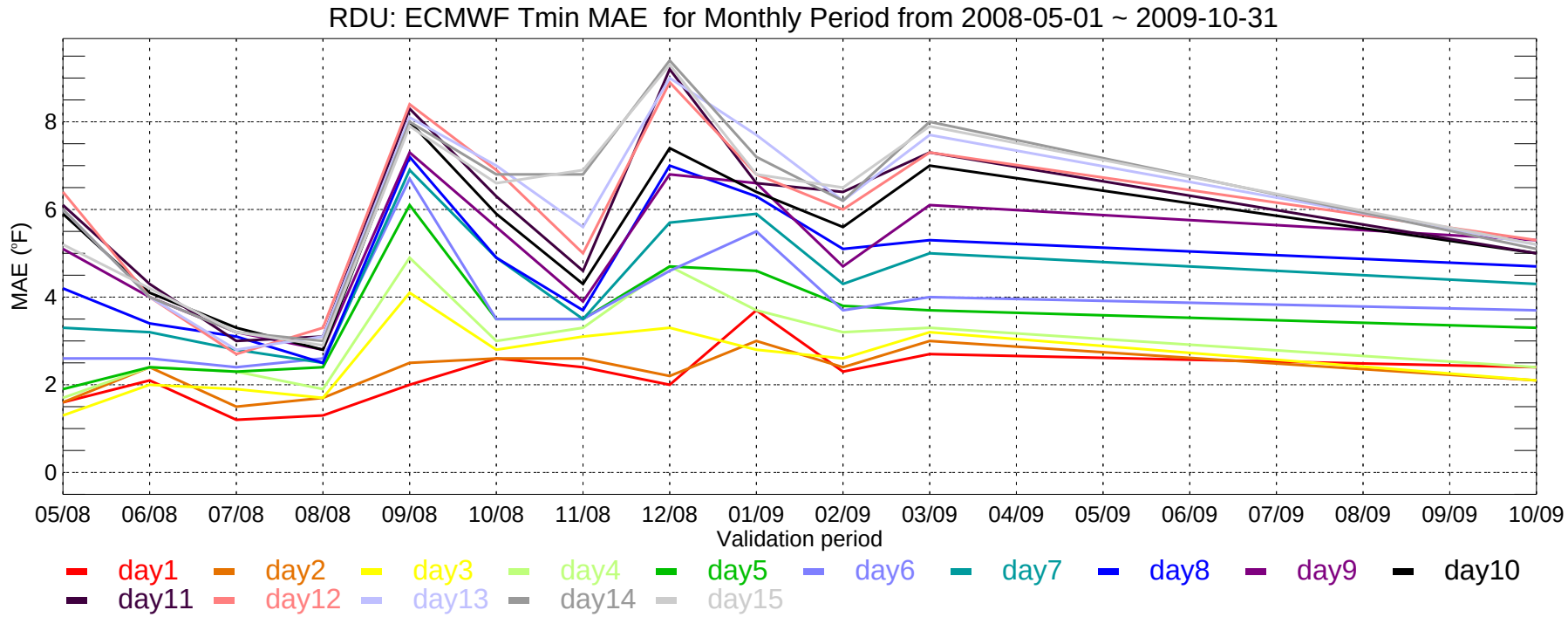
day11
day12
day13
day14
day15


RDU: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
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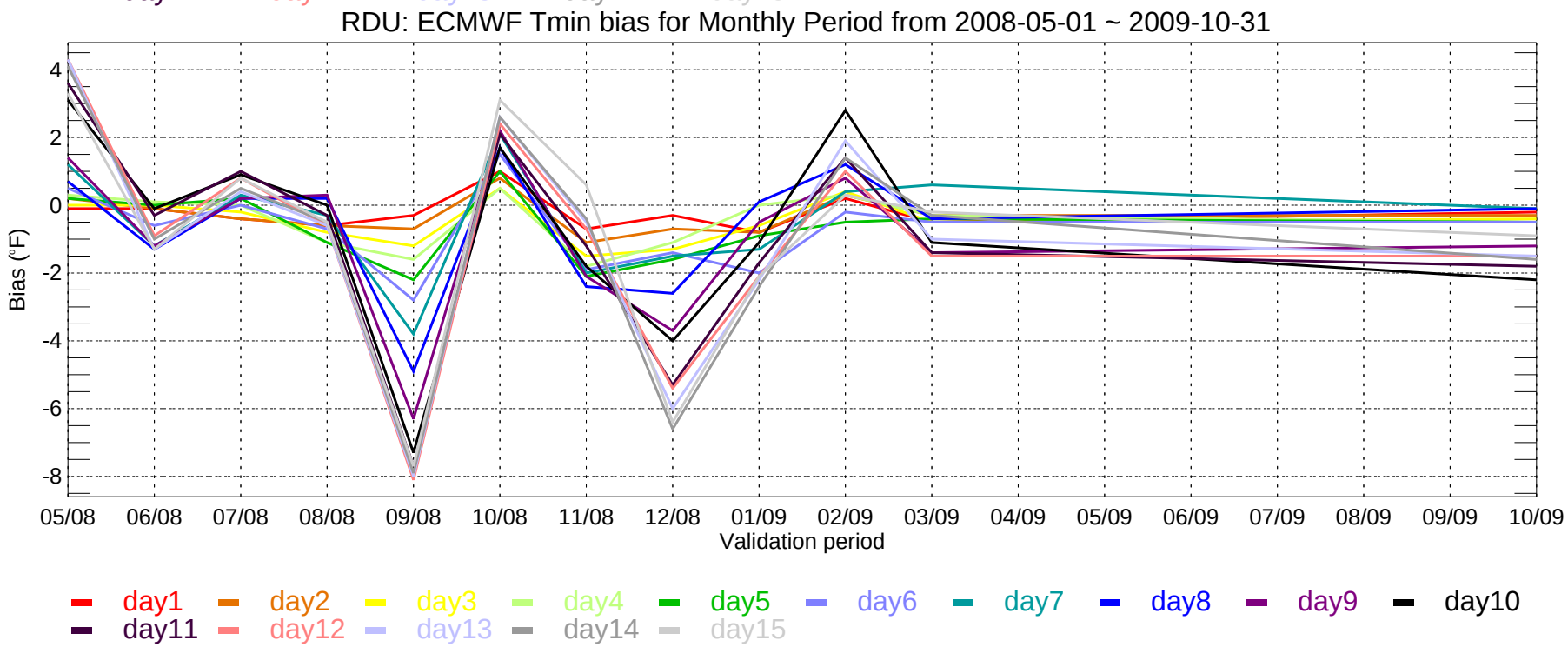
day15


RDU: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
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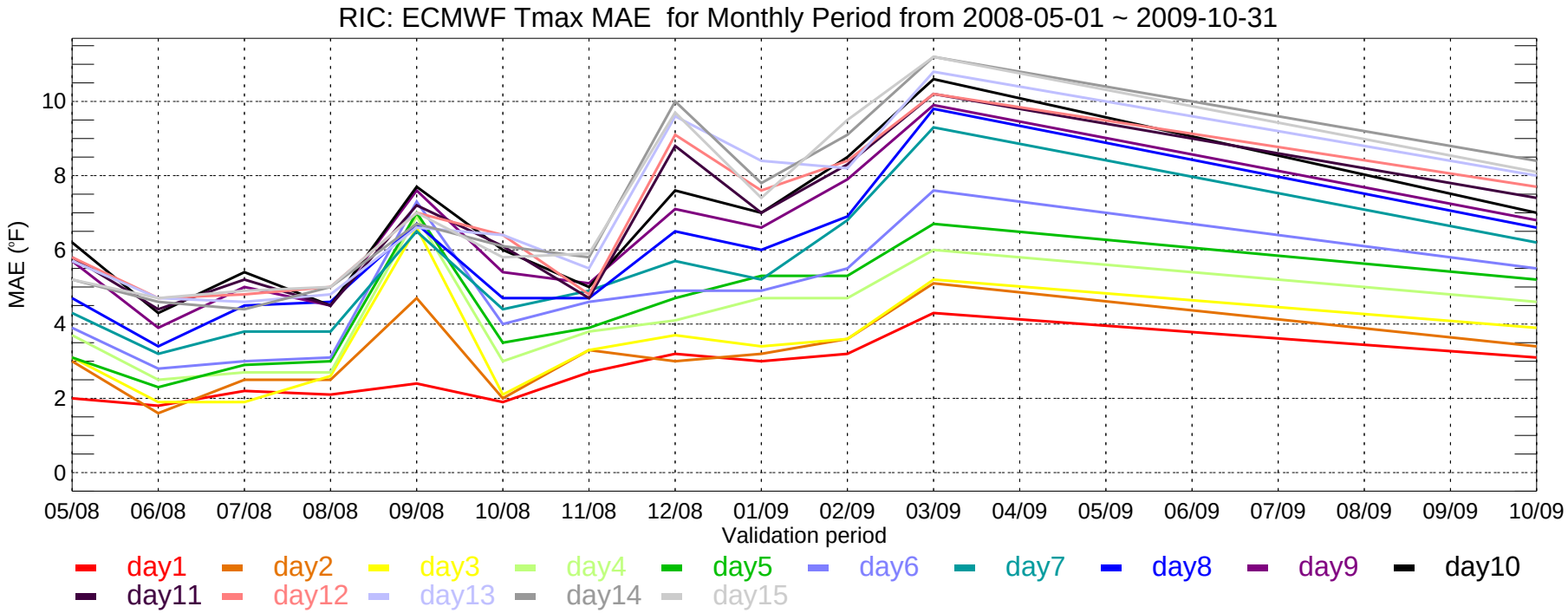
day15


RIC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/08
08/09
09/09
10/09
Validation period
day1
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day4
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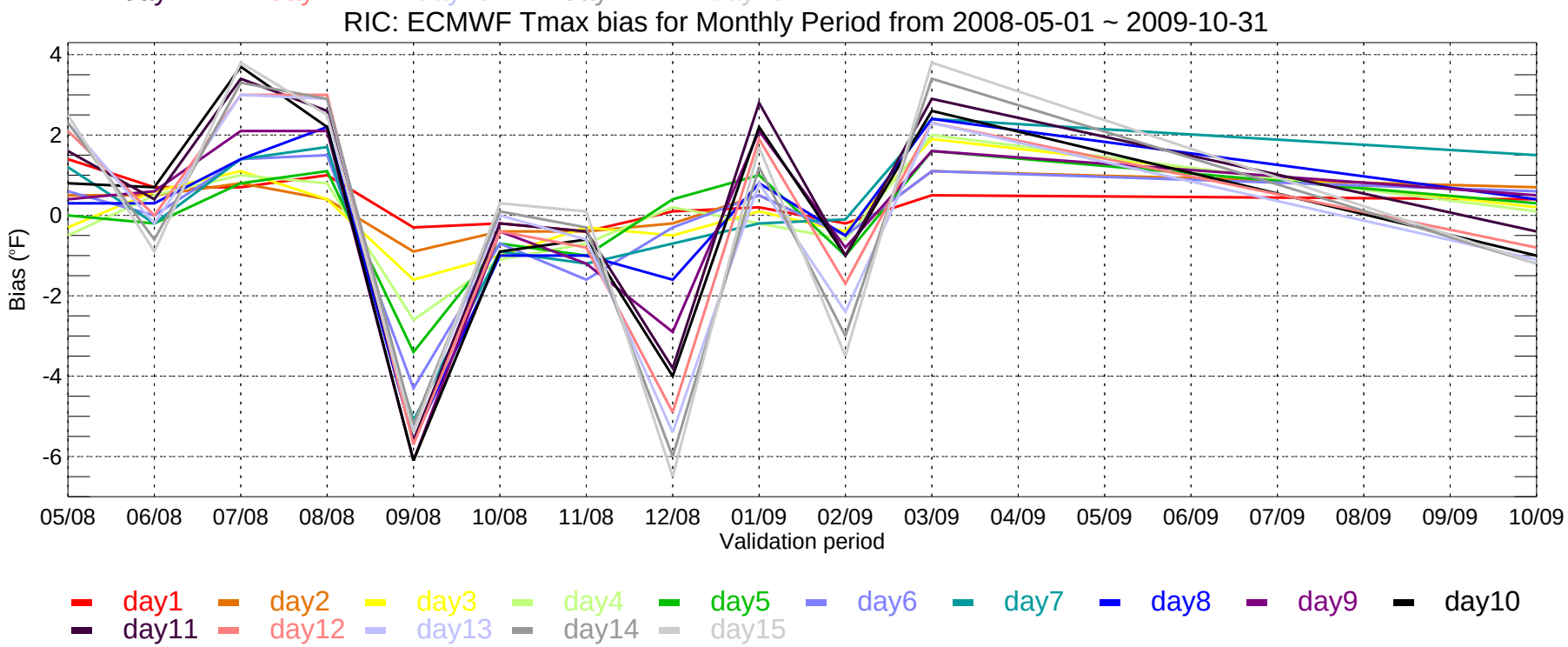
day15


RIC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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09/09
10/09
Validation period
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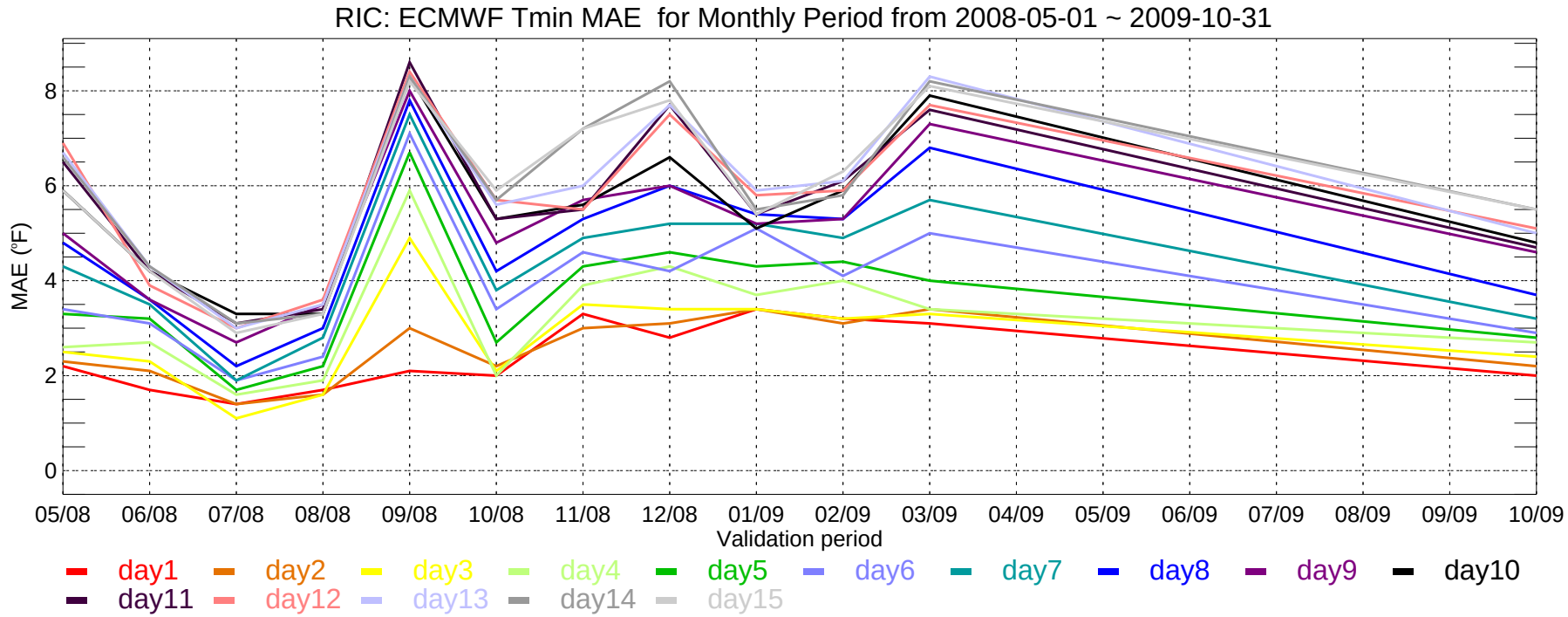
RIC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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10/09
Validation period
day1
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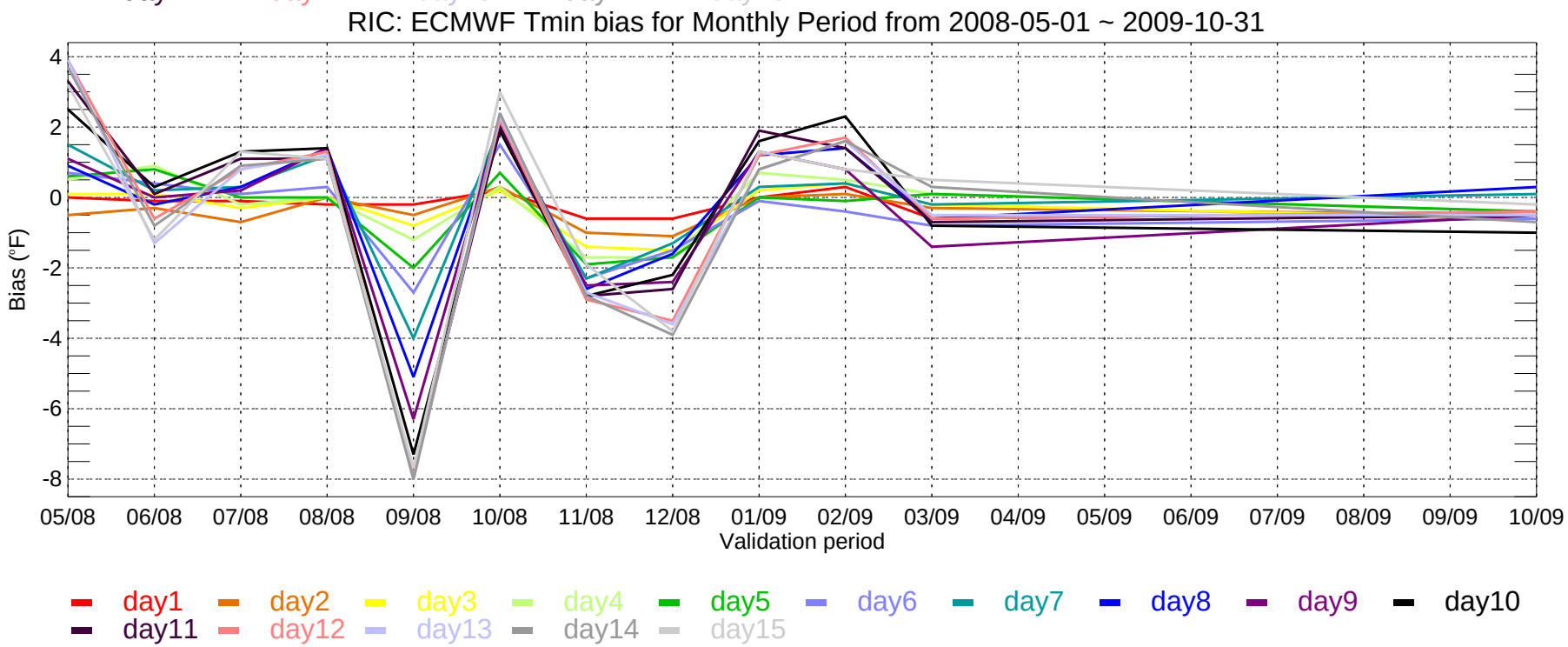
RIC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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07/09
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10/09
Validation period
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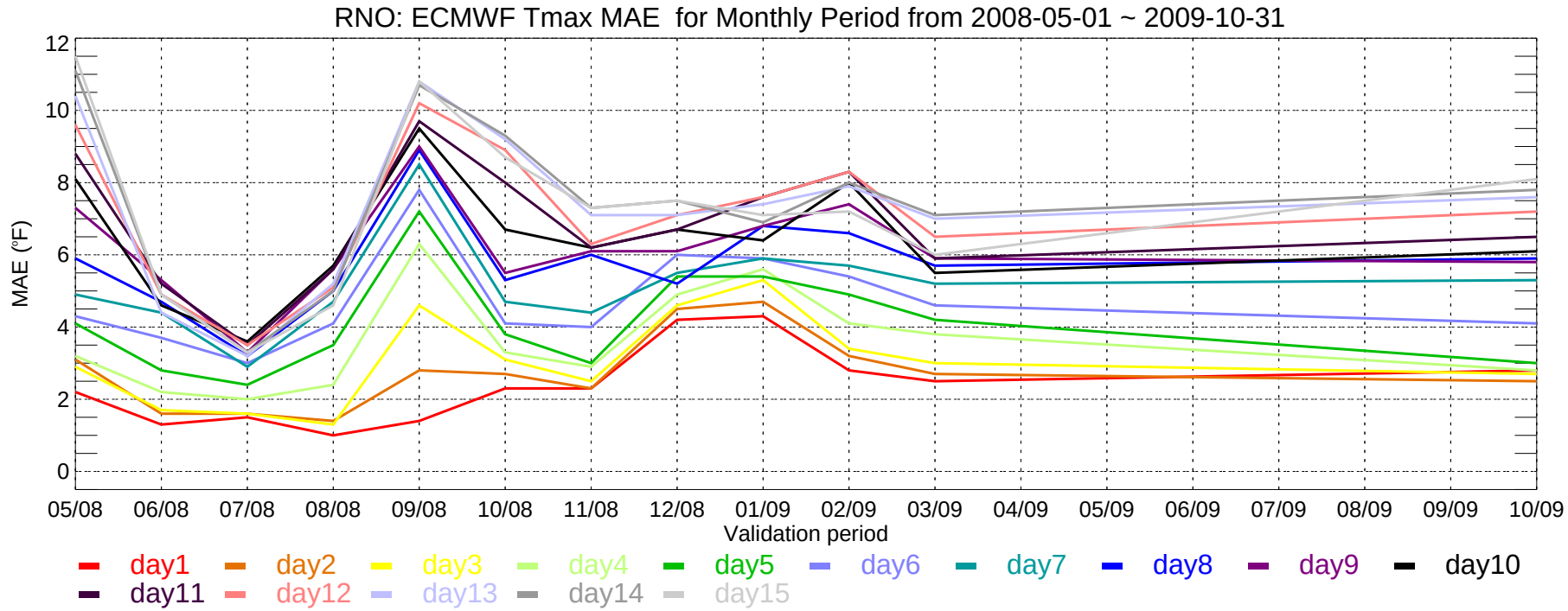
day15


RNO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
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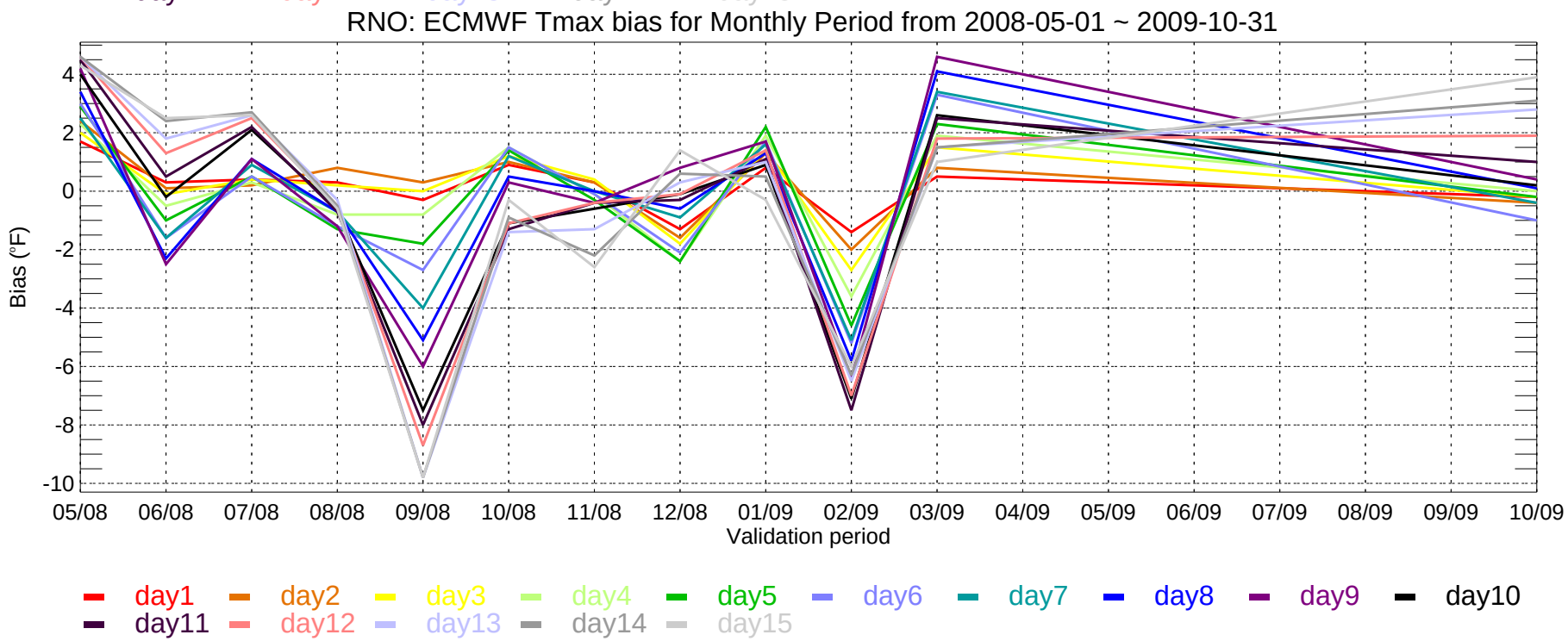
day15


RNO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
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-2
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-6
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-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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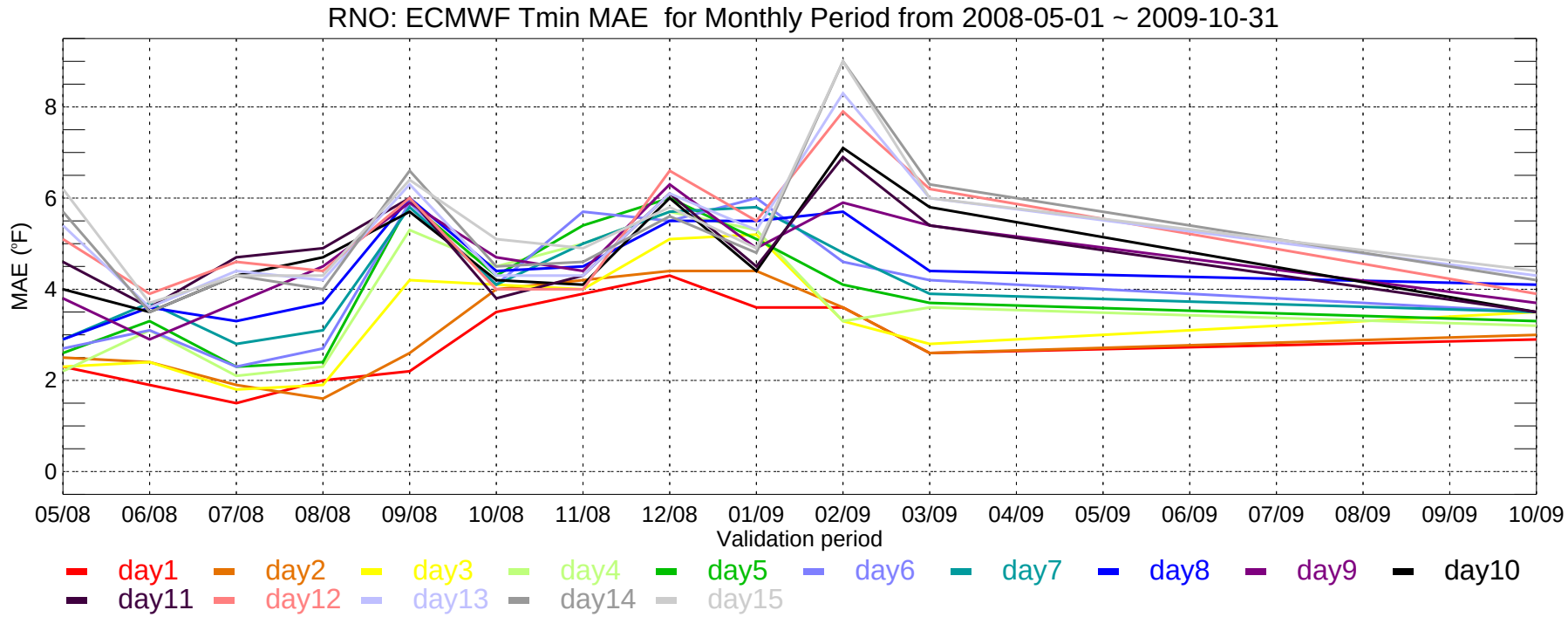
day15


RNO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
Validation period
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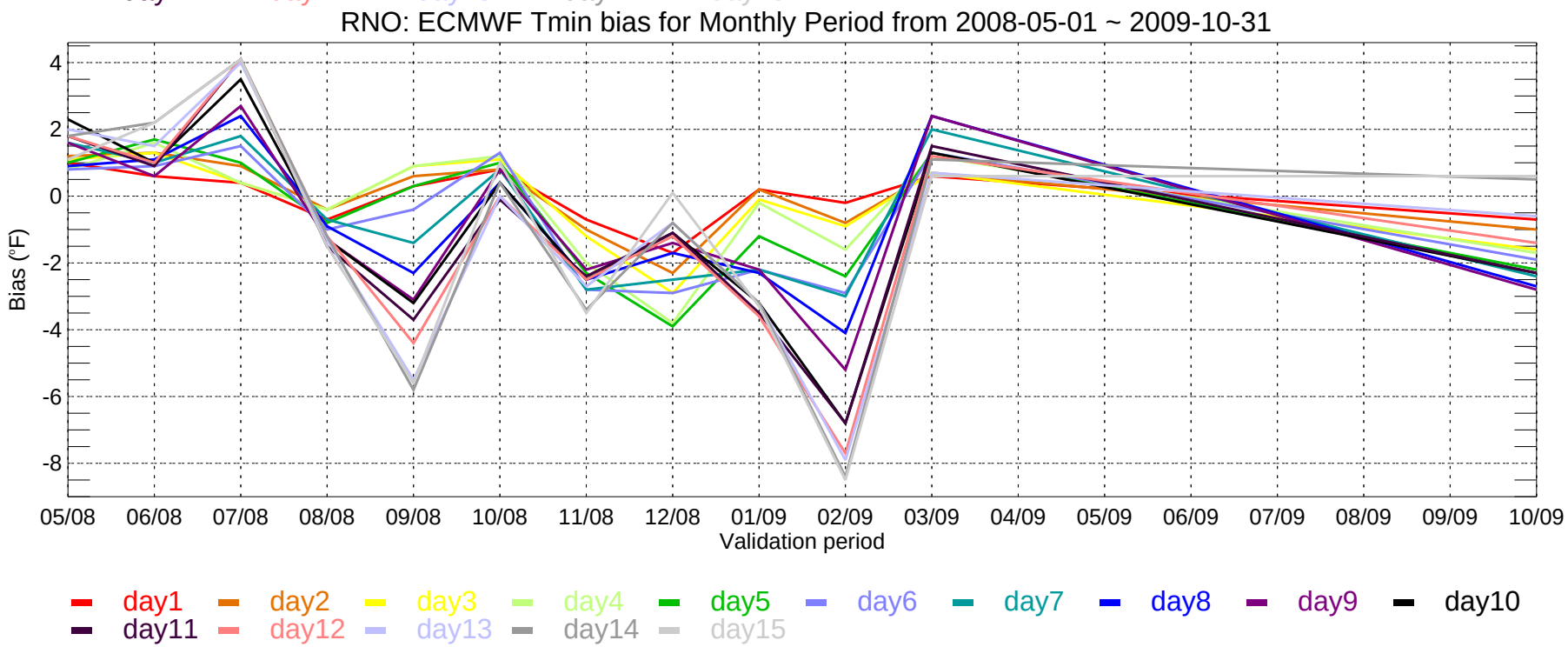
RNO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
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-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
Validation period
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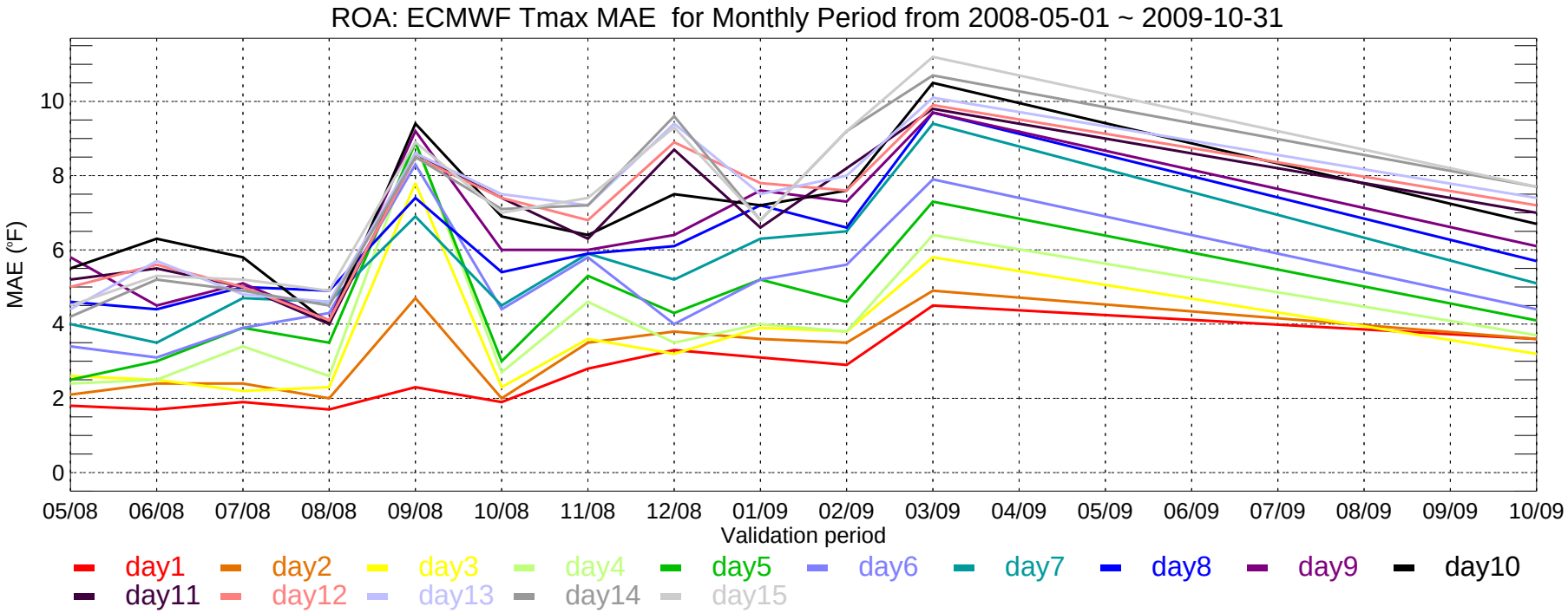
ROA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
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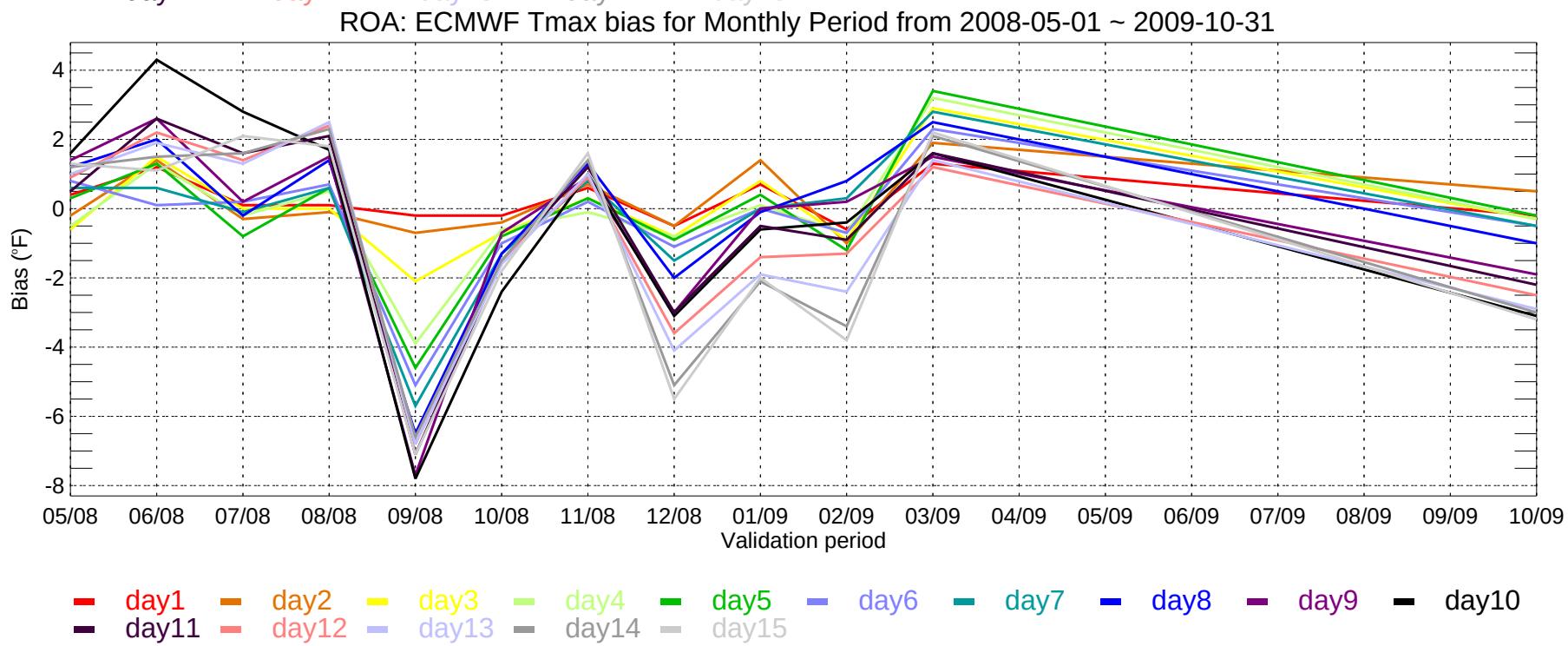
ROA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
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-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
Validation period
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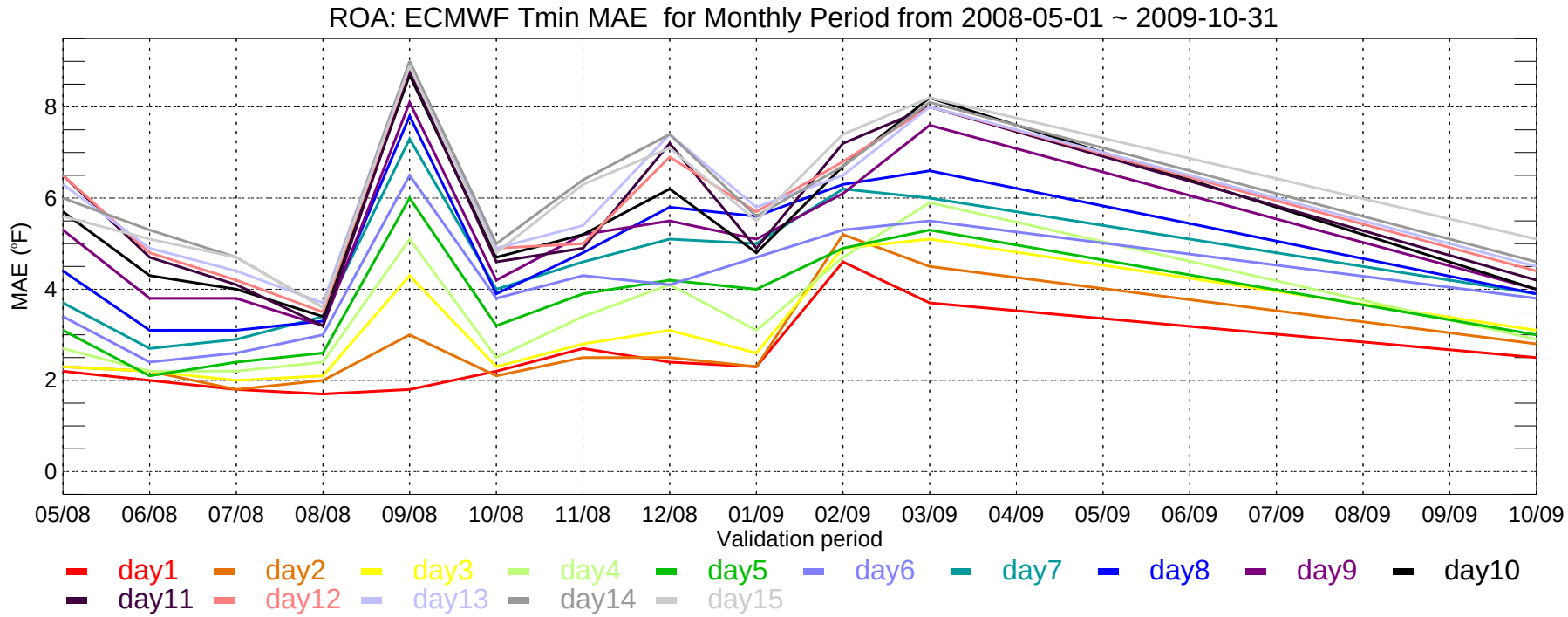
ROA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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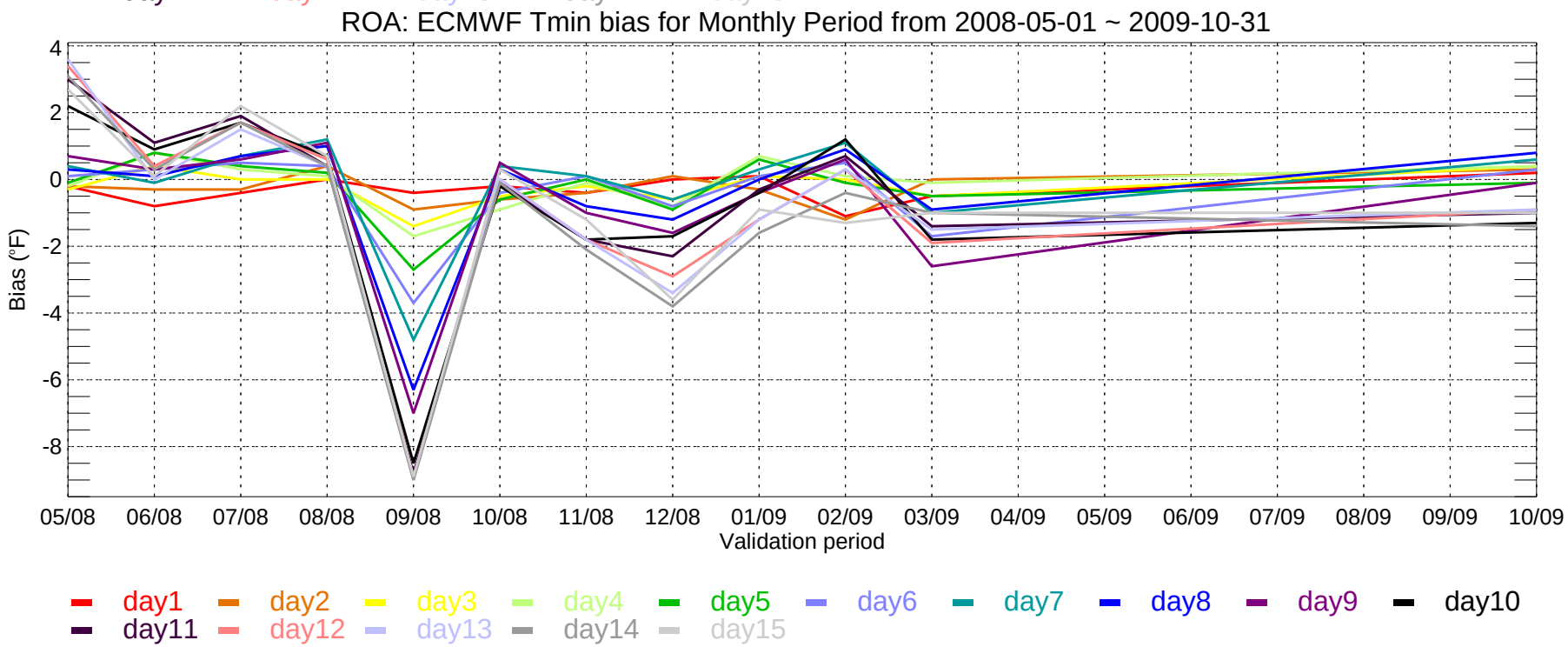
ROA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
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08/08
09/08
10/08
11/08
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Validation period
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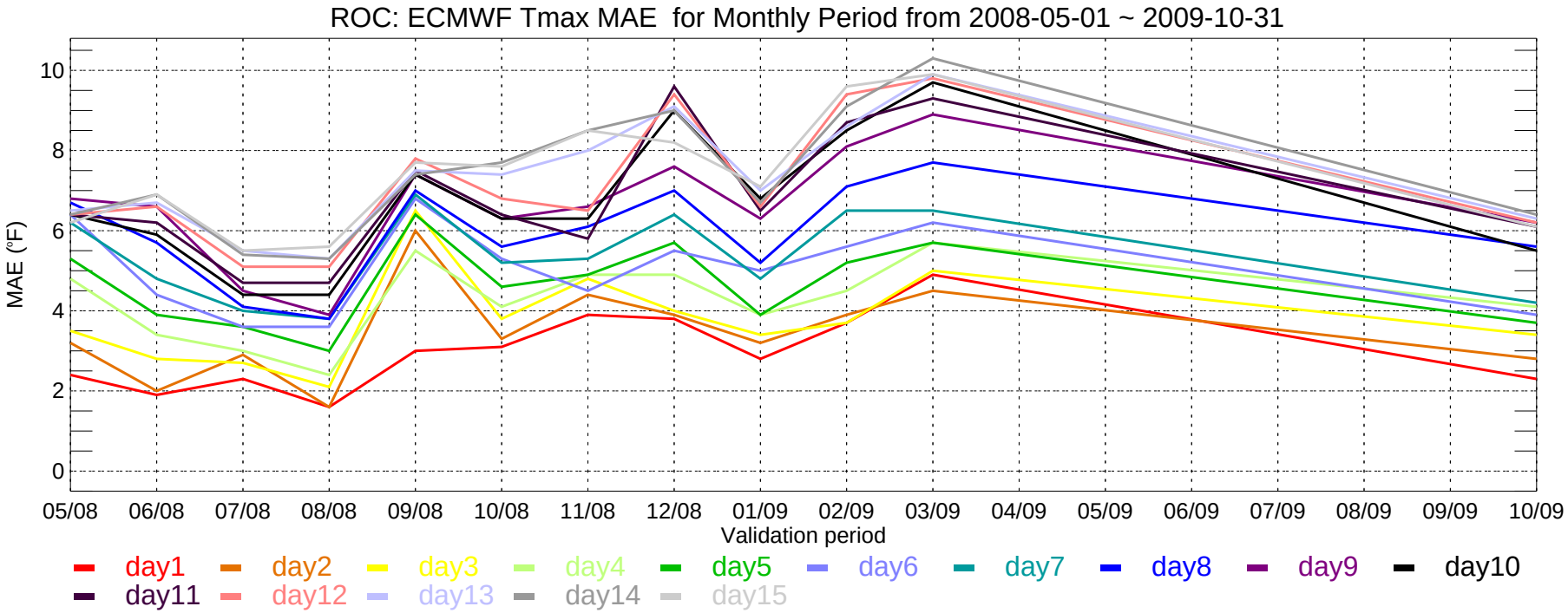
ROC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
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10/09
Validation period
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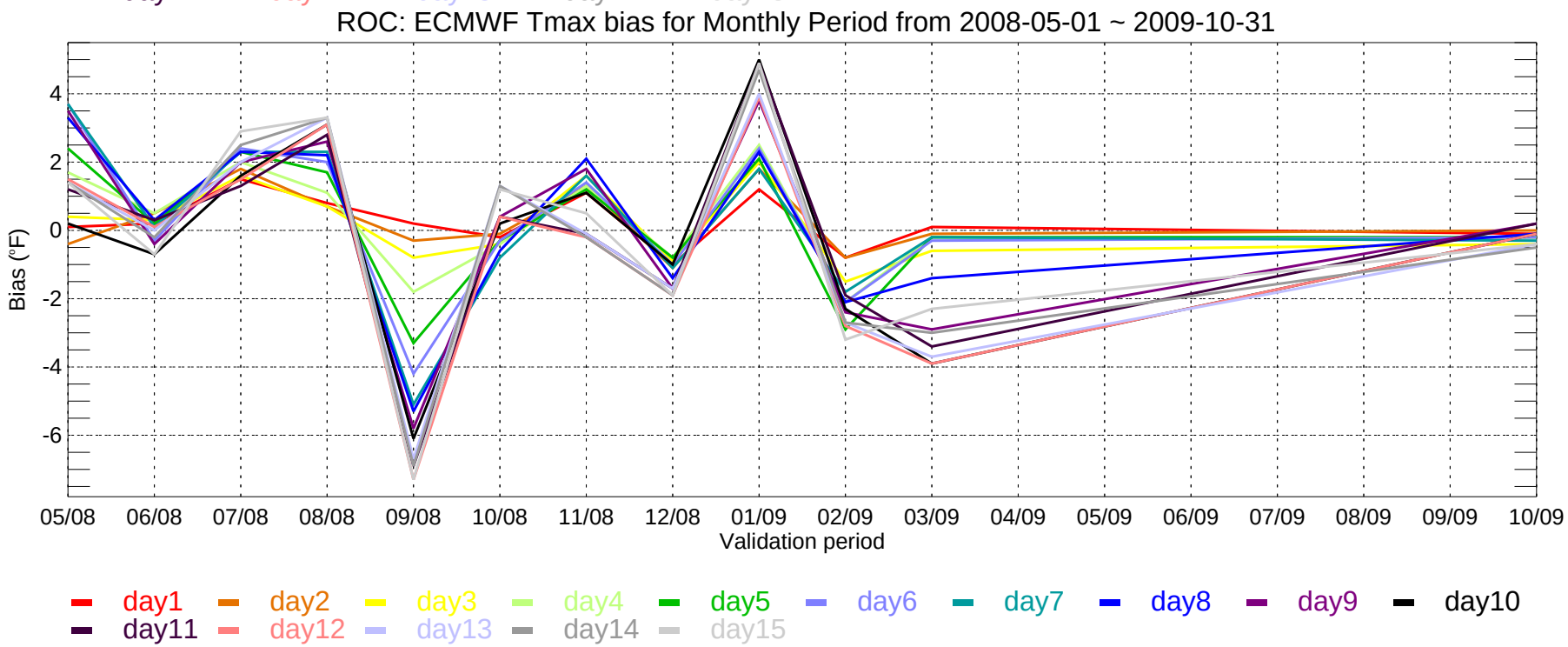
ROC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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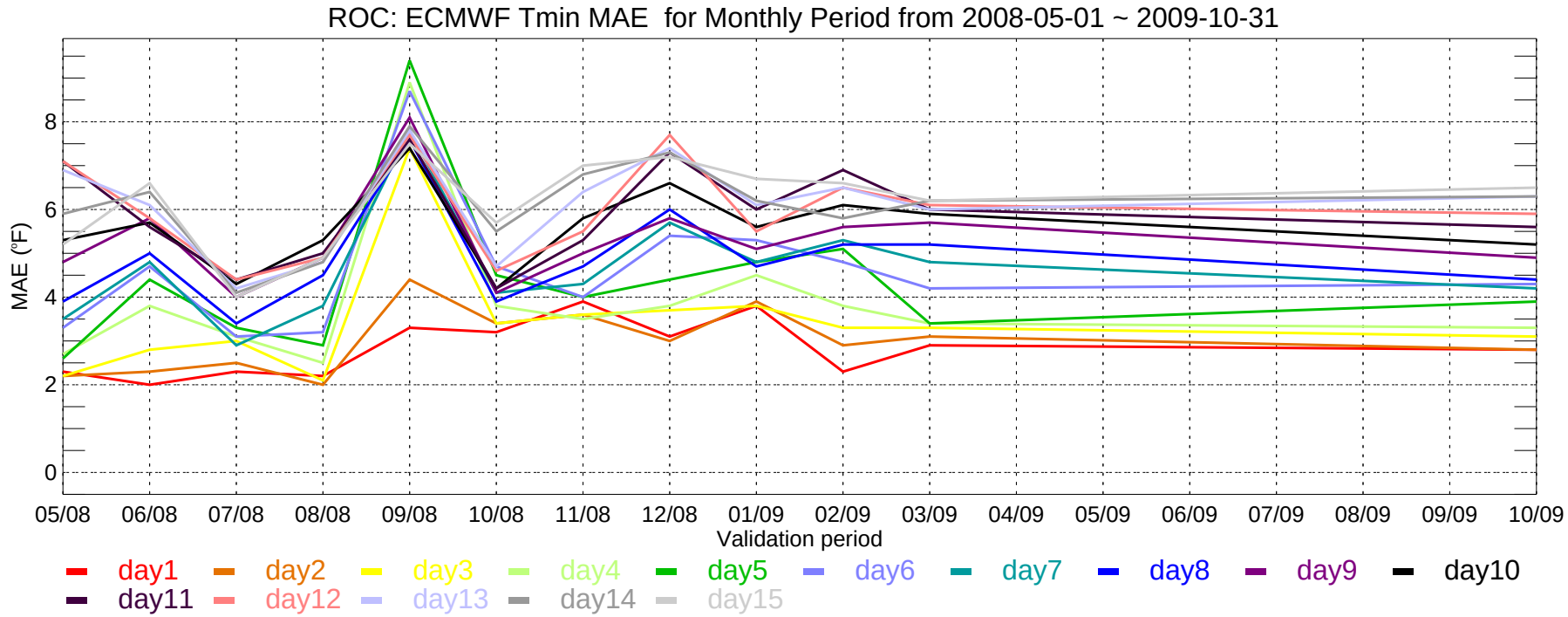
ROC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
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05/08
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11/08
12/08
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10/09
Validation period
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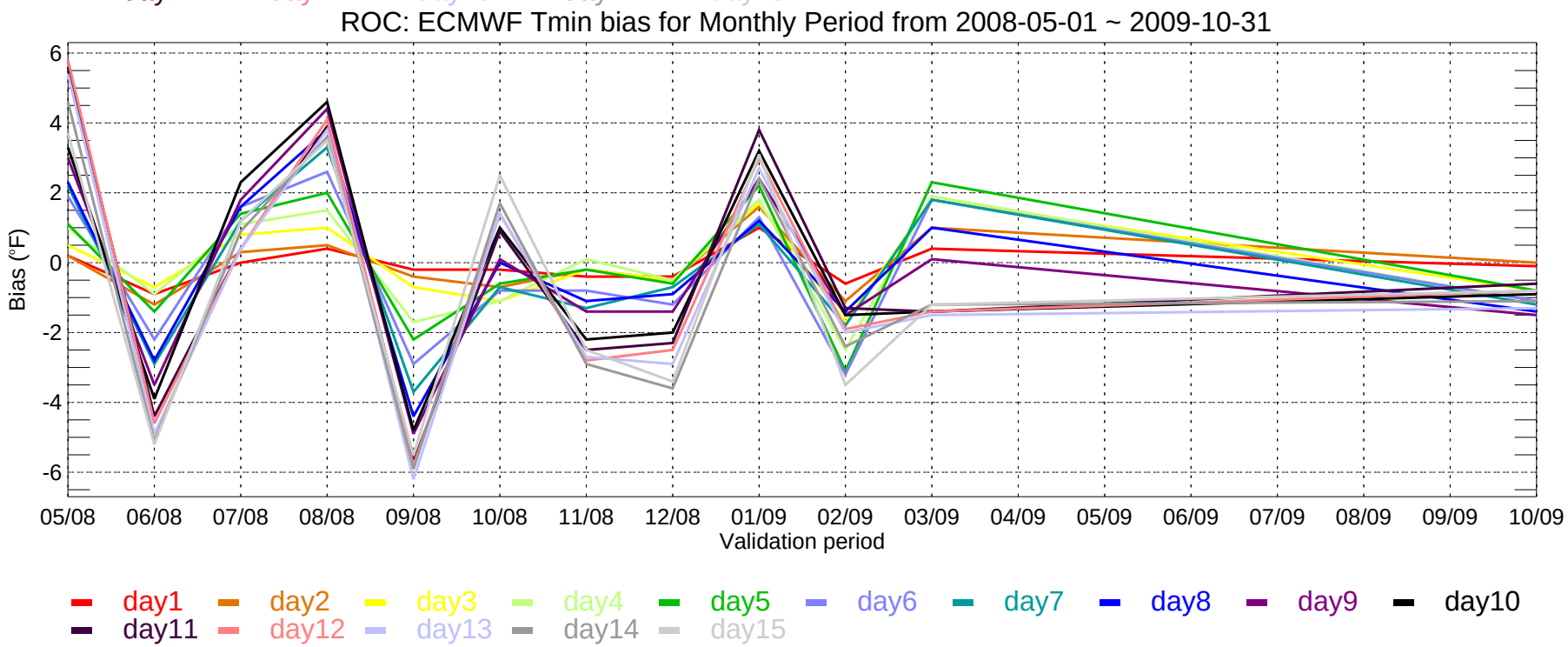
ROC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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Validation period
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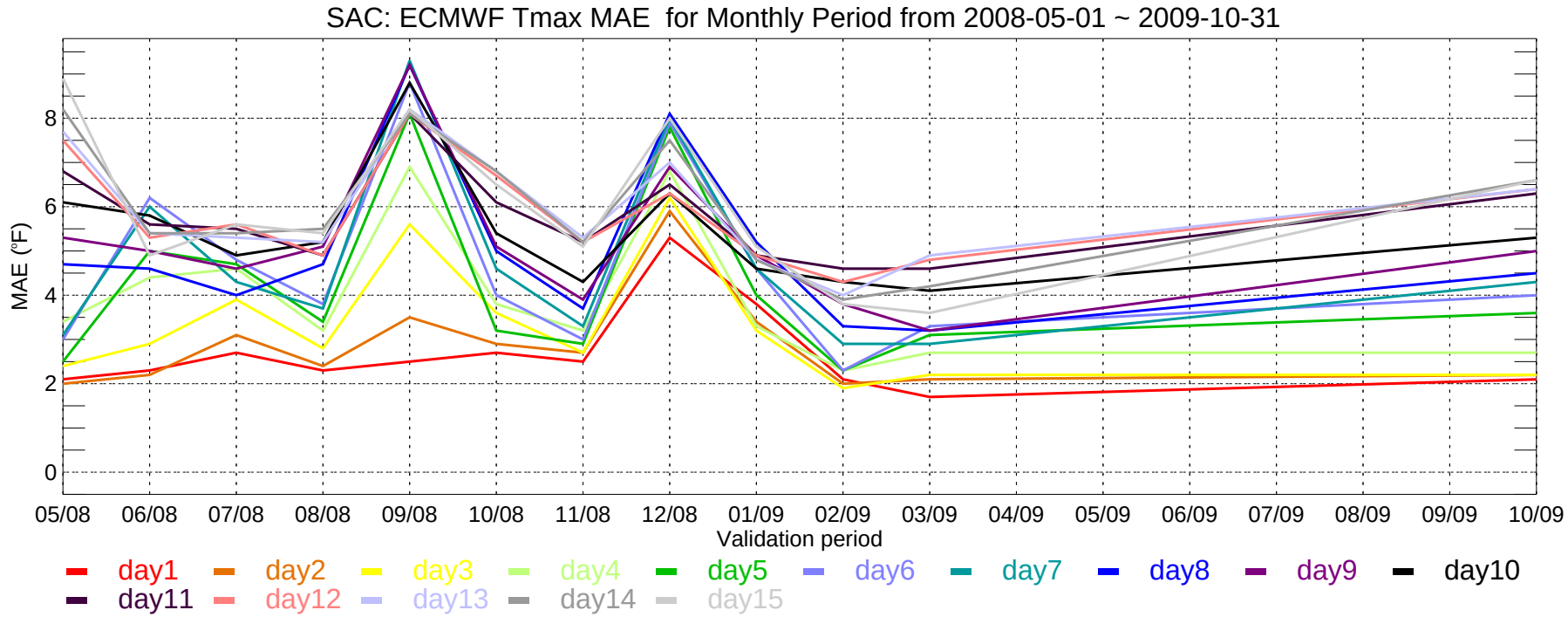
SAC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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Validation period
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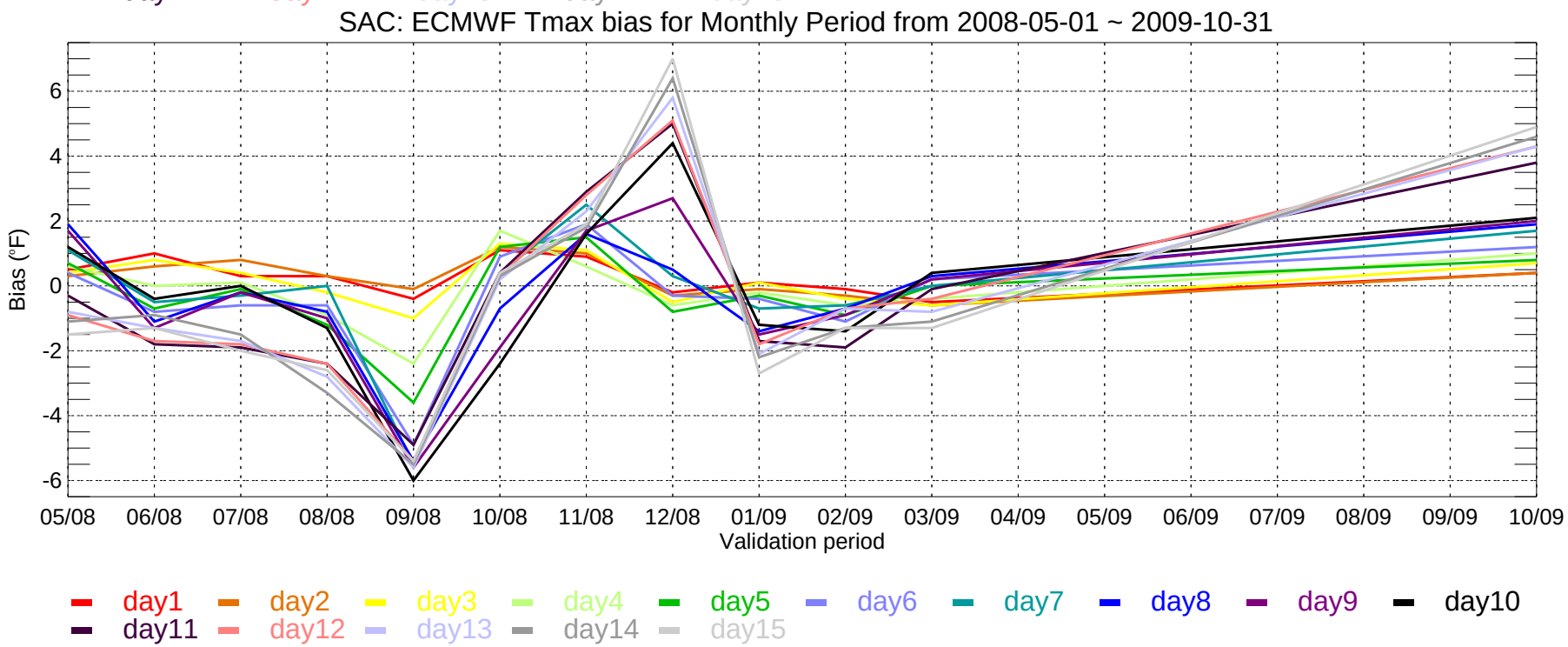
SAC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-6
-4
-2
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2
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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Validation period
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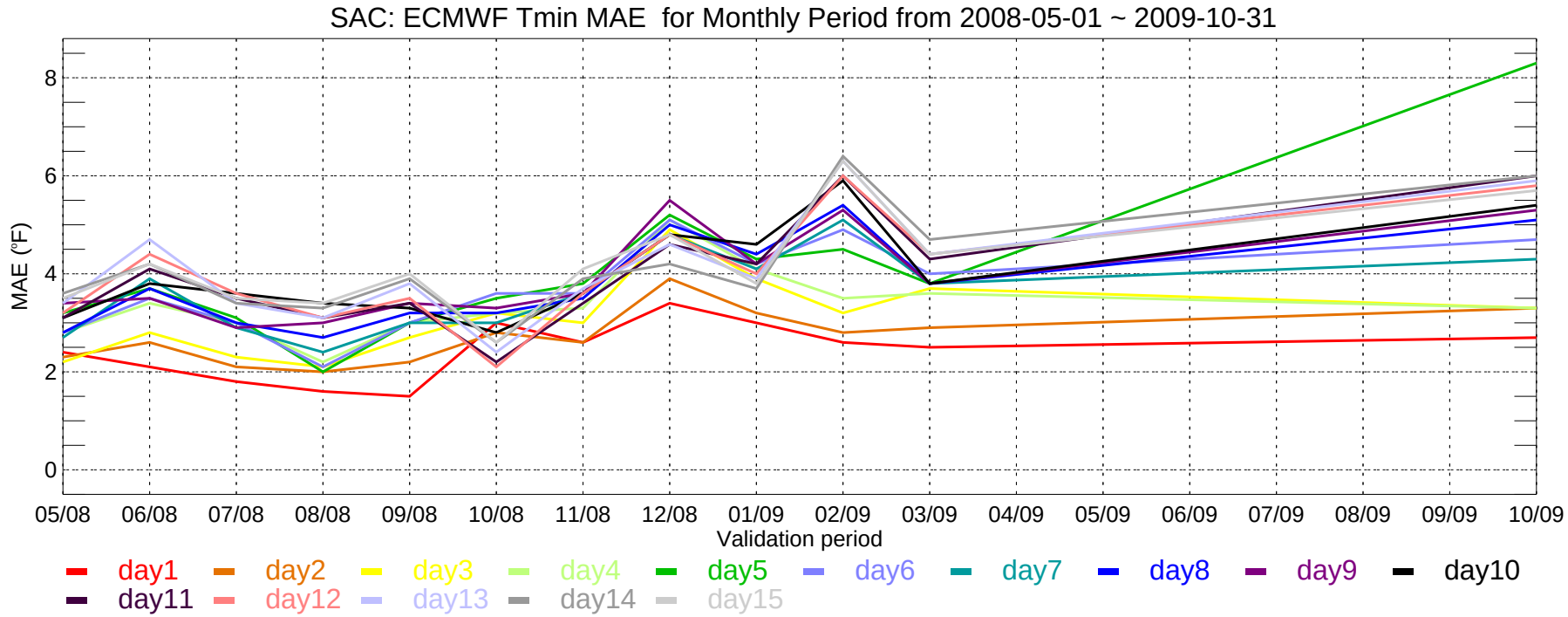
SAC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
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05/08
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12/08
01/09
02/09
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Validation period
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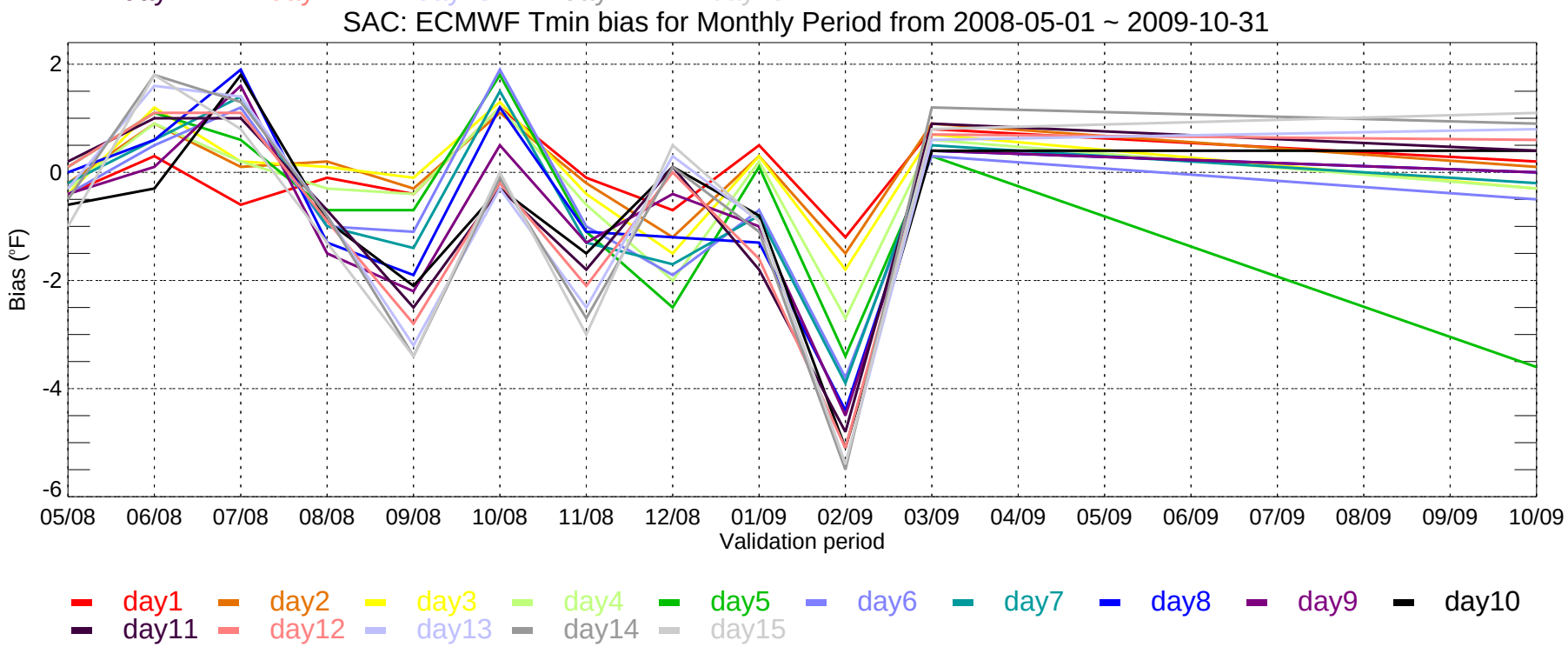
SAC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
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05/08
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11/08
12/08
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Validation period
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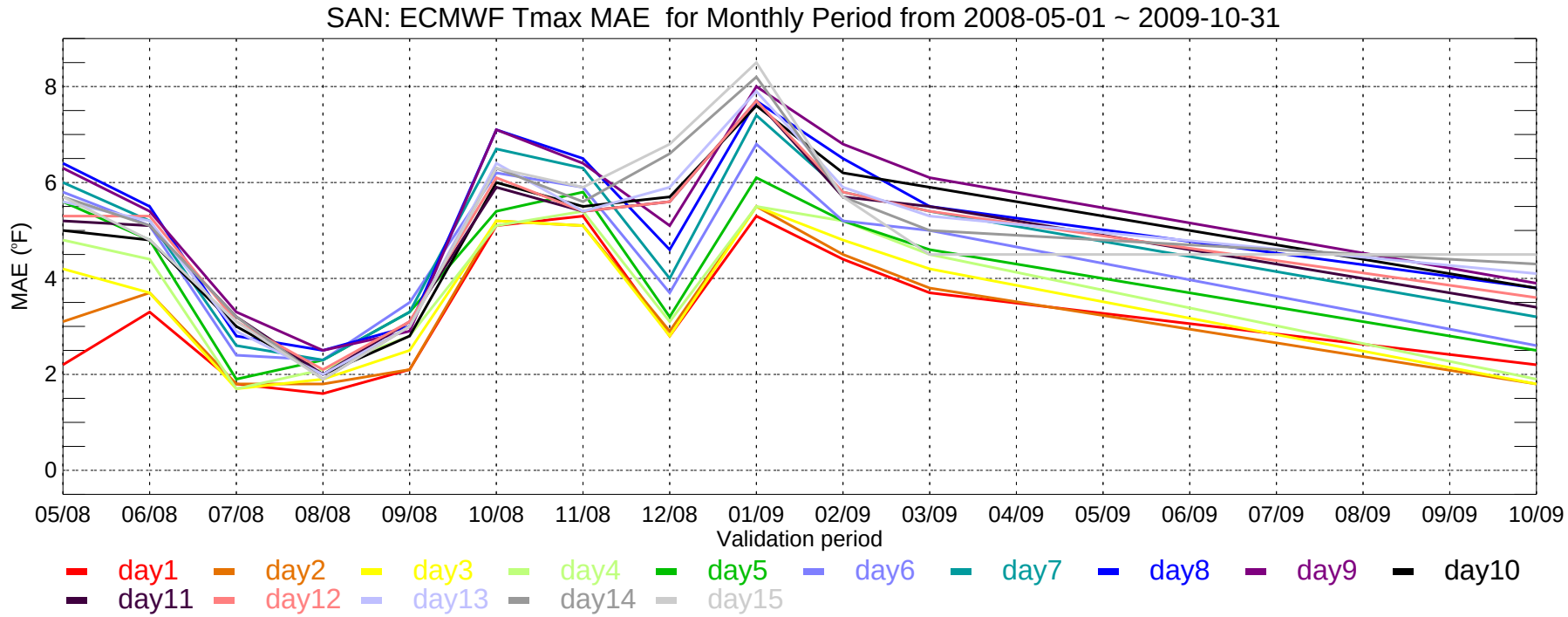
SAN: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
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05/08
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11/08
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Validation period
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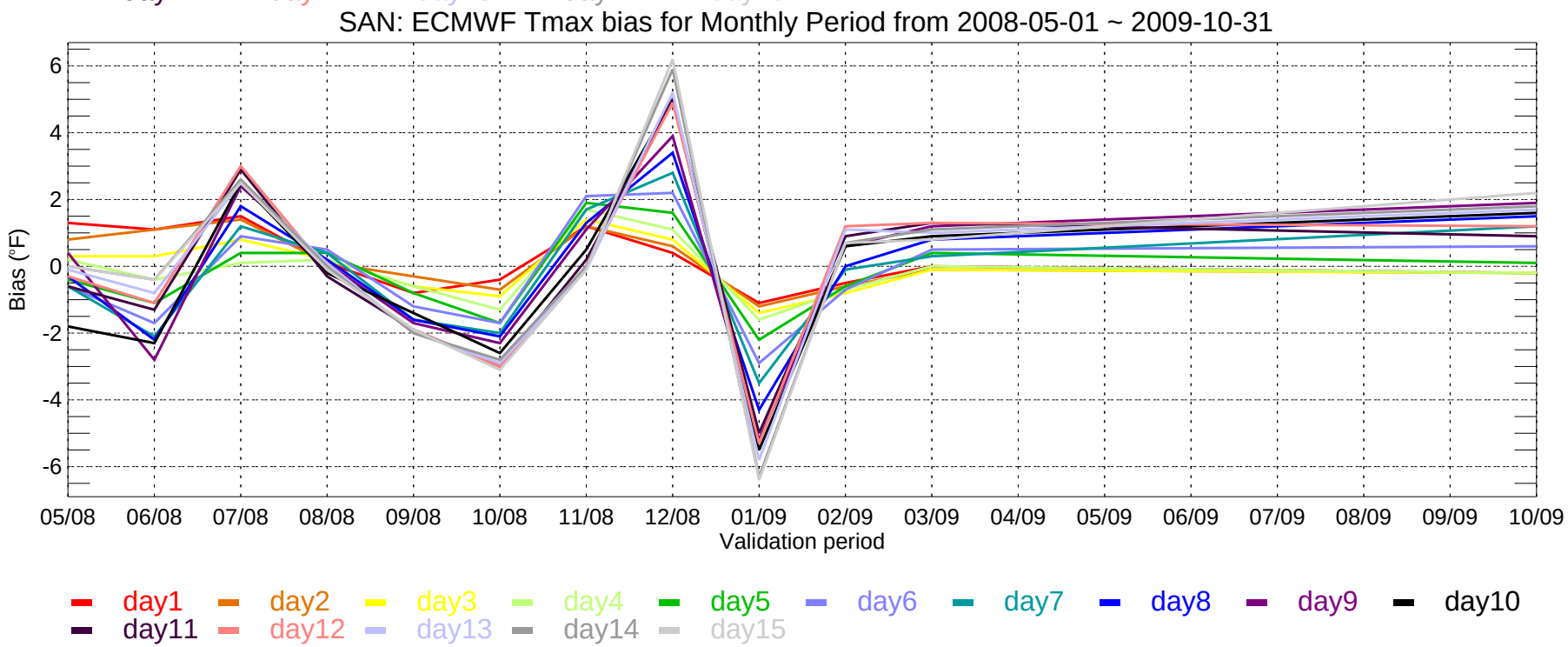
day15


SAN: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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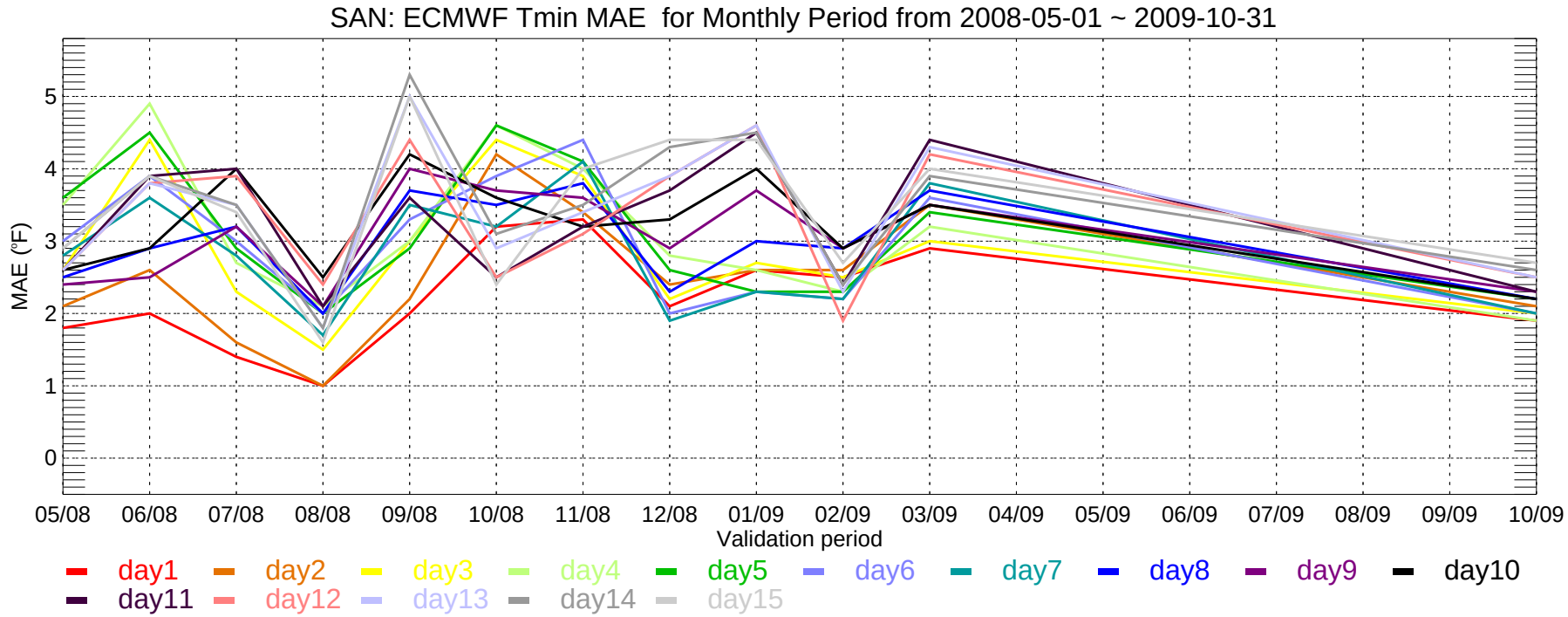
day13
day14
day15


SAN: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
1
2
3
4
5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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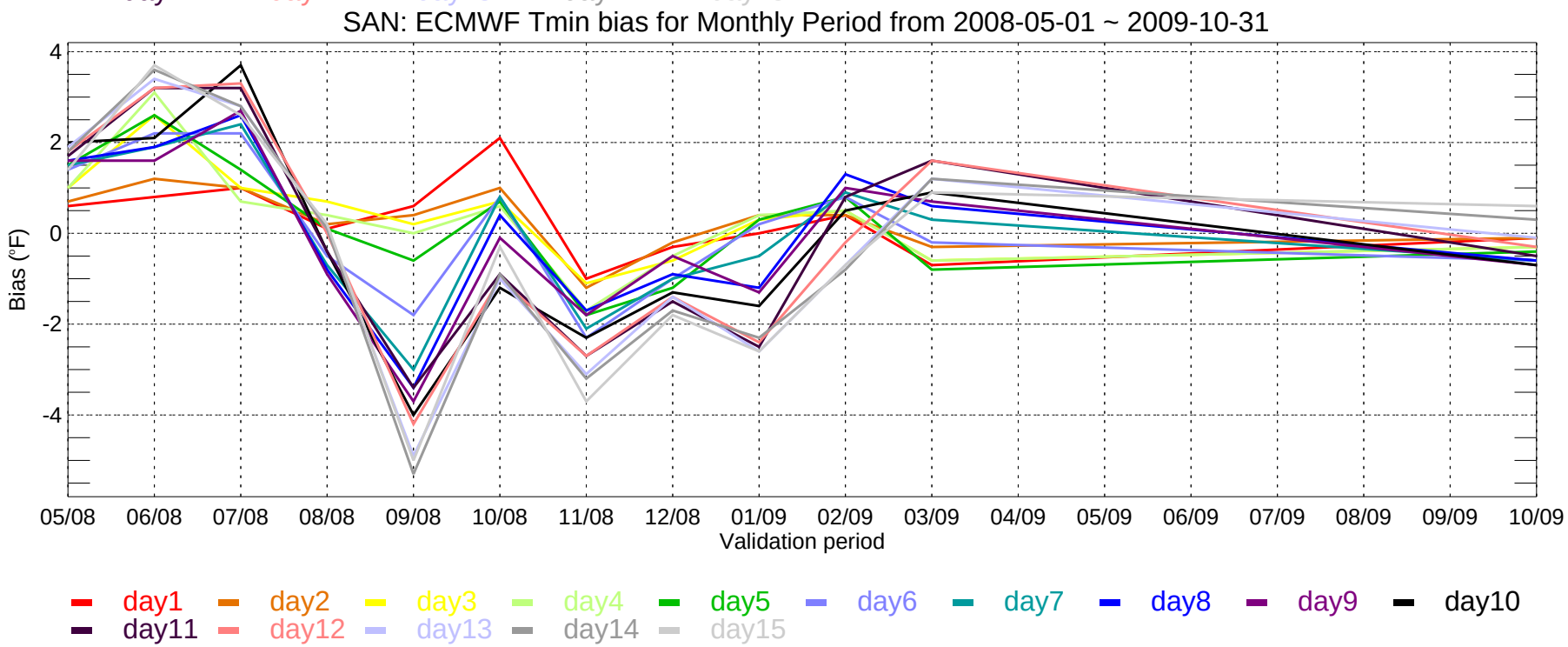
day14
day15


SAN: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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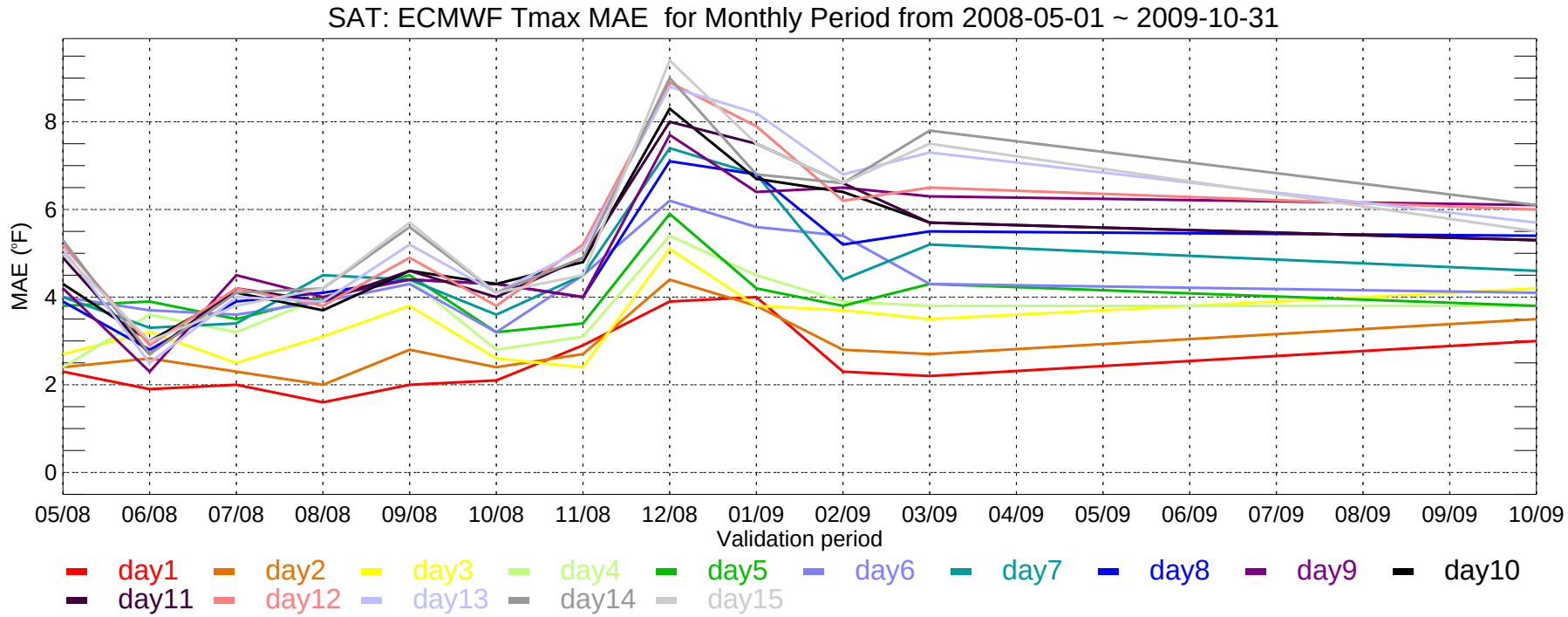
day13
day14
day15


SAT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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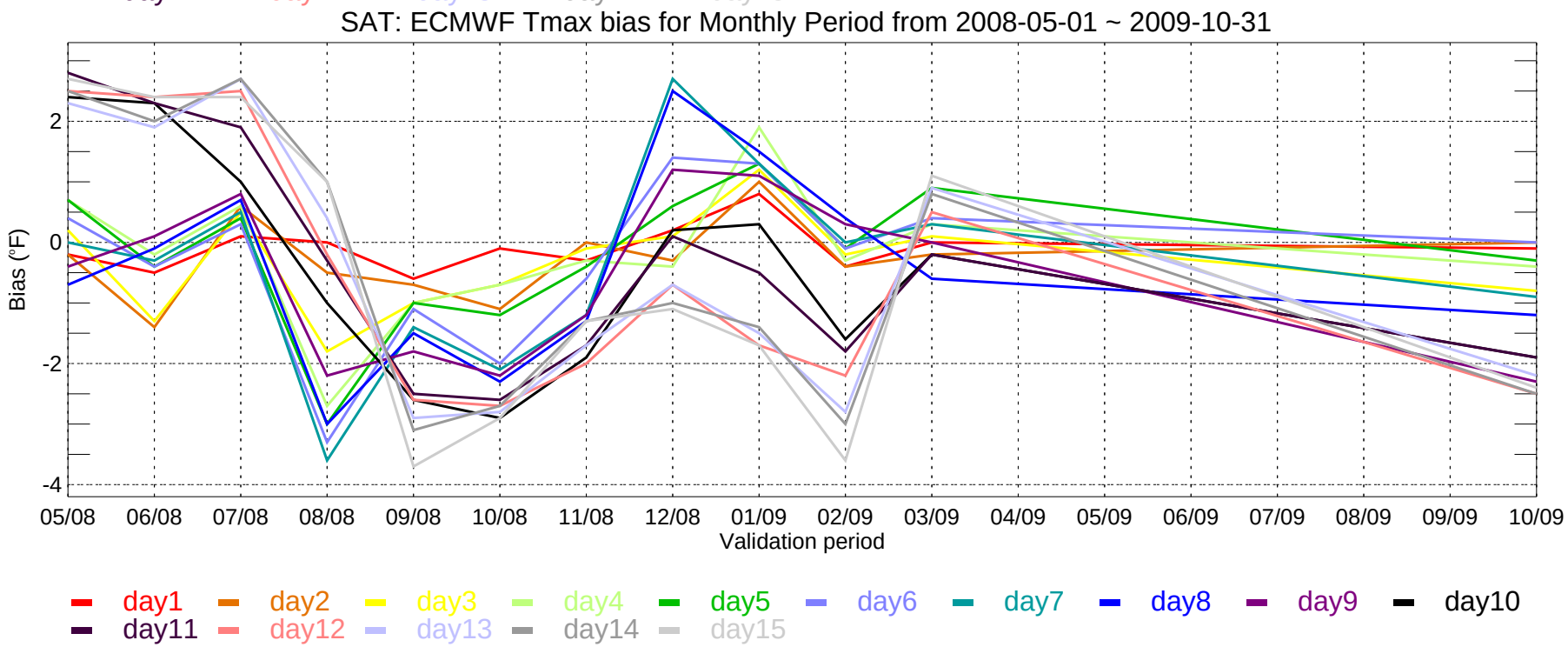
day14
day15


SAT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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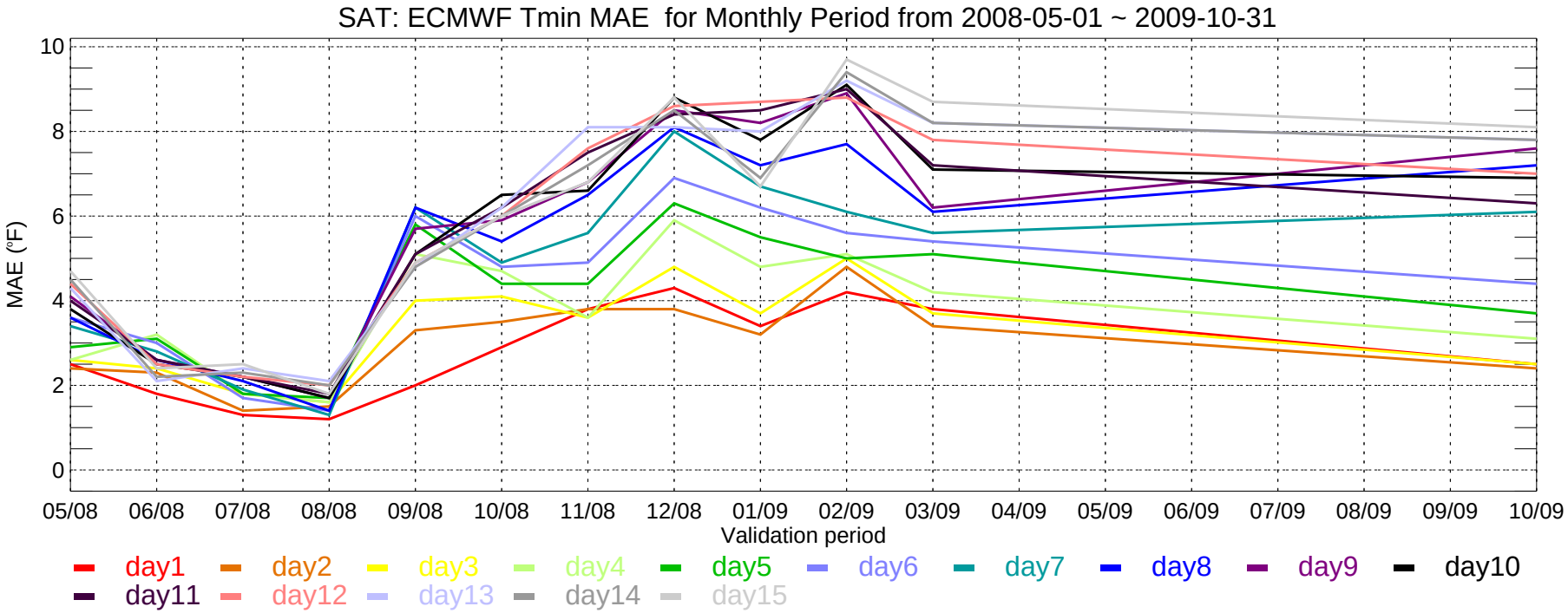
day15


SAT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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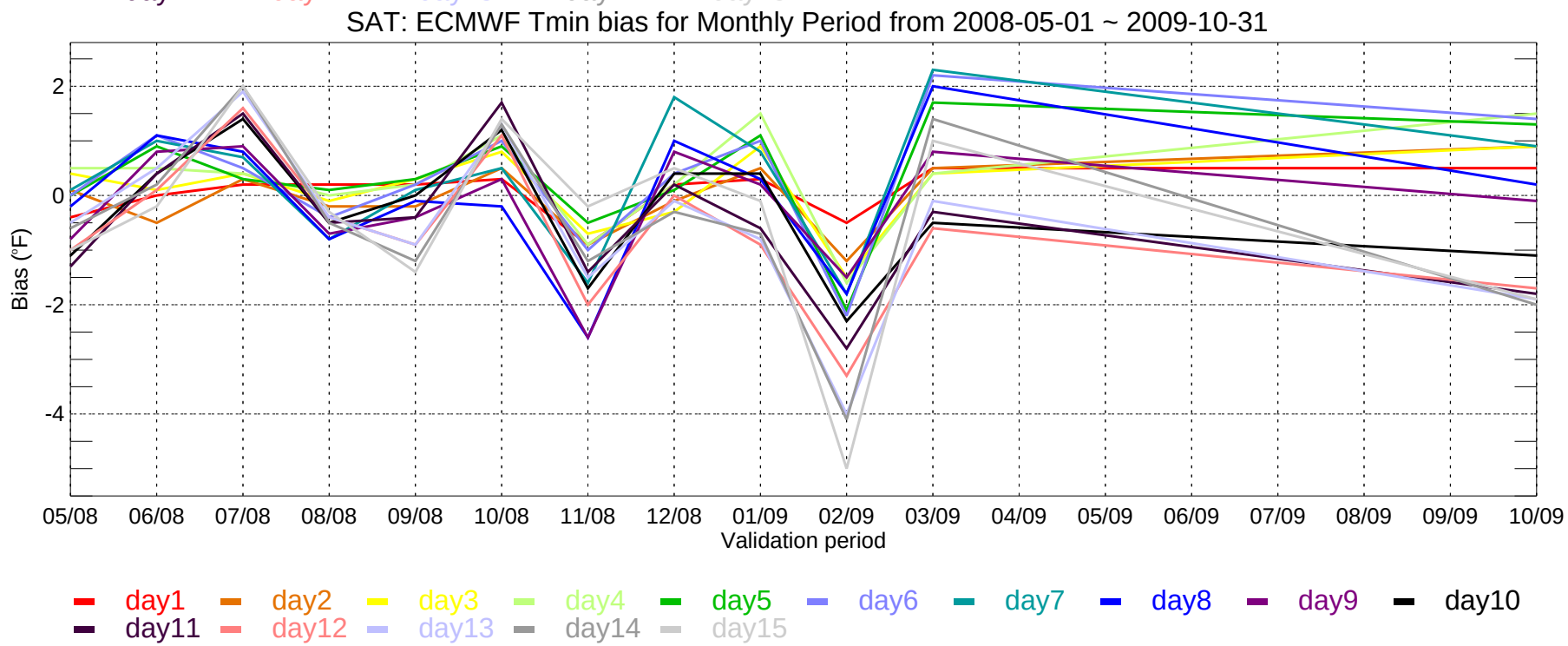
day15


SAT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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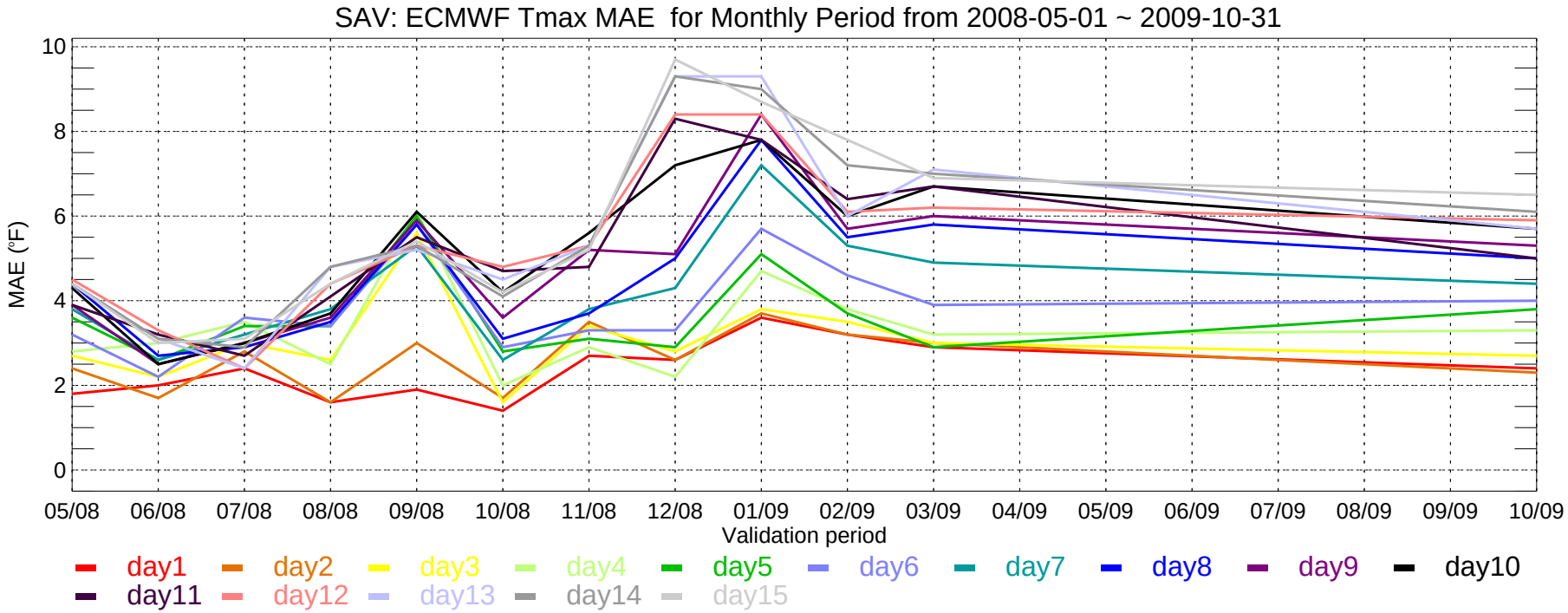
day13
day14
day15


SAV: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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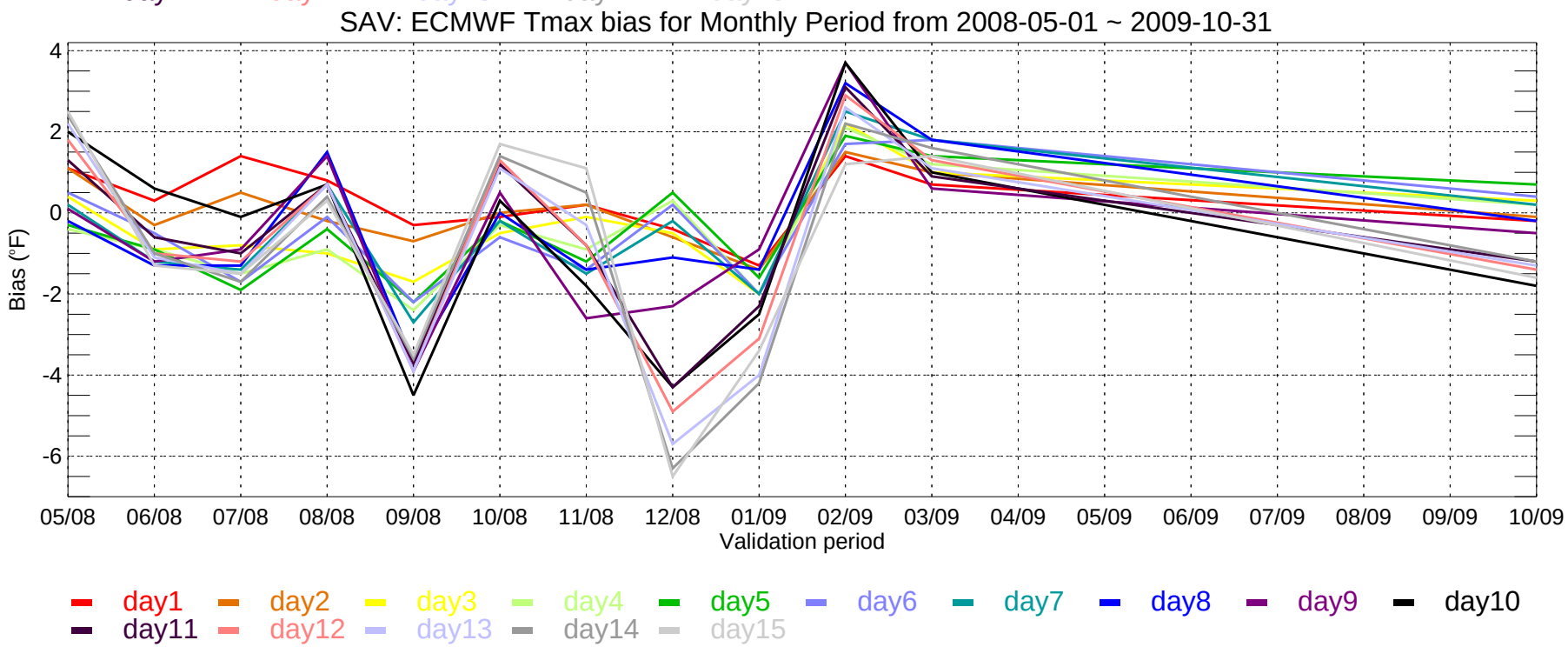
day15


SAV: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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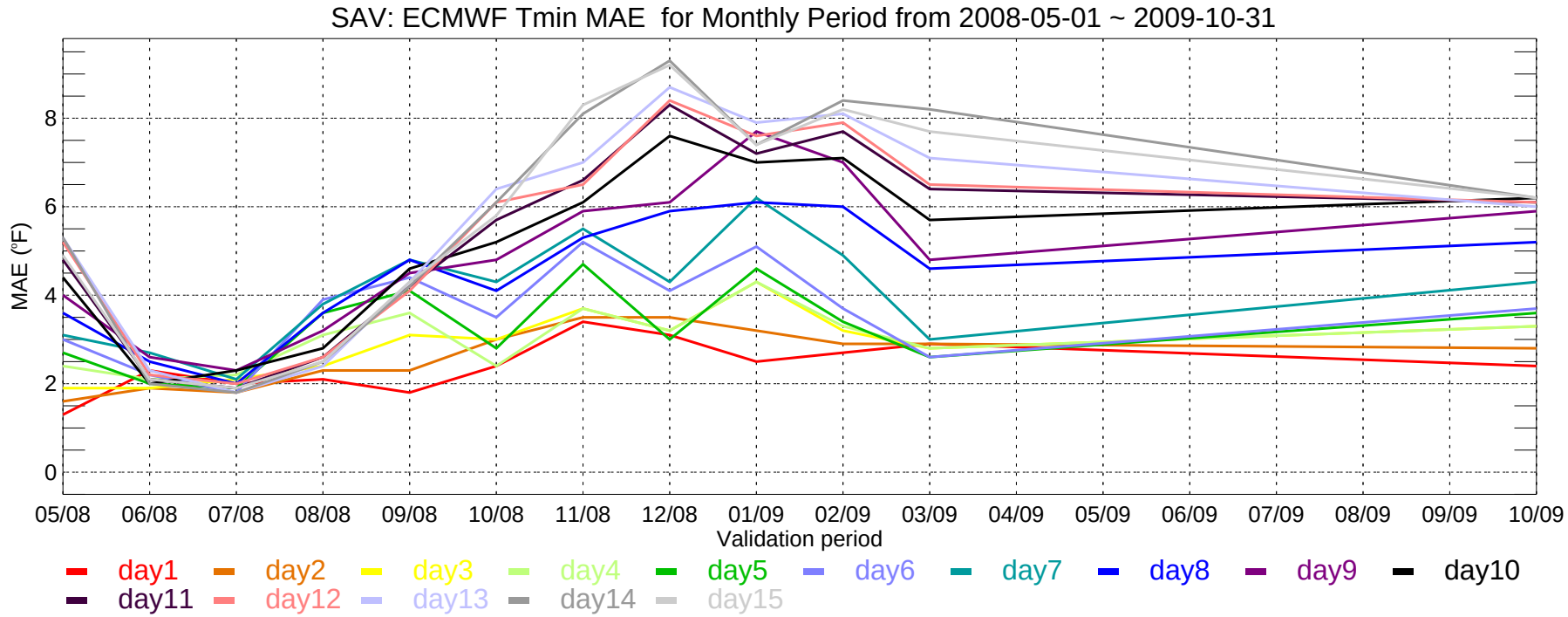
day15


SAV: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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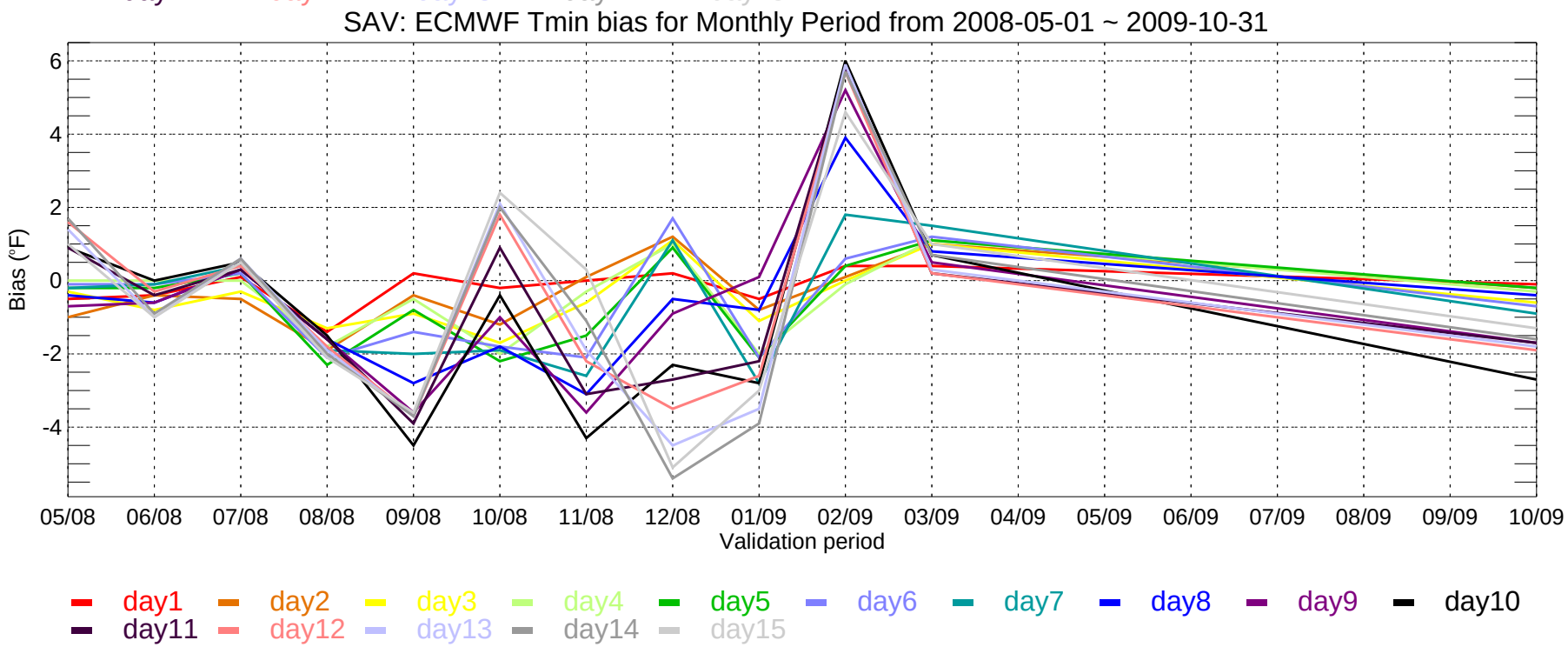
day15


SAV: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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10/09
Validation period
day1
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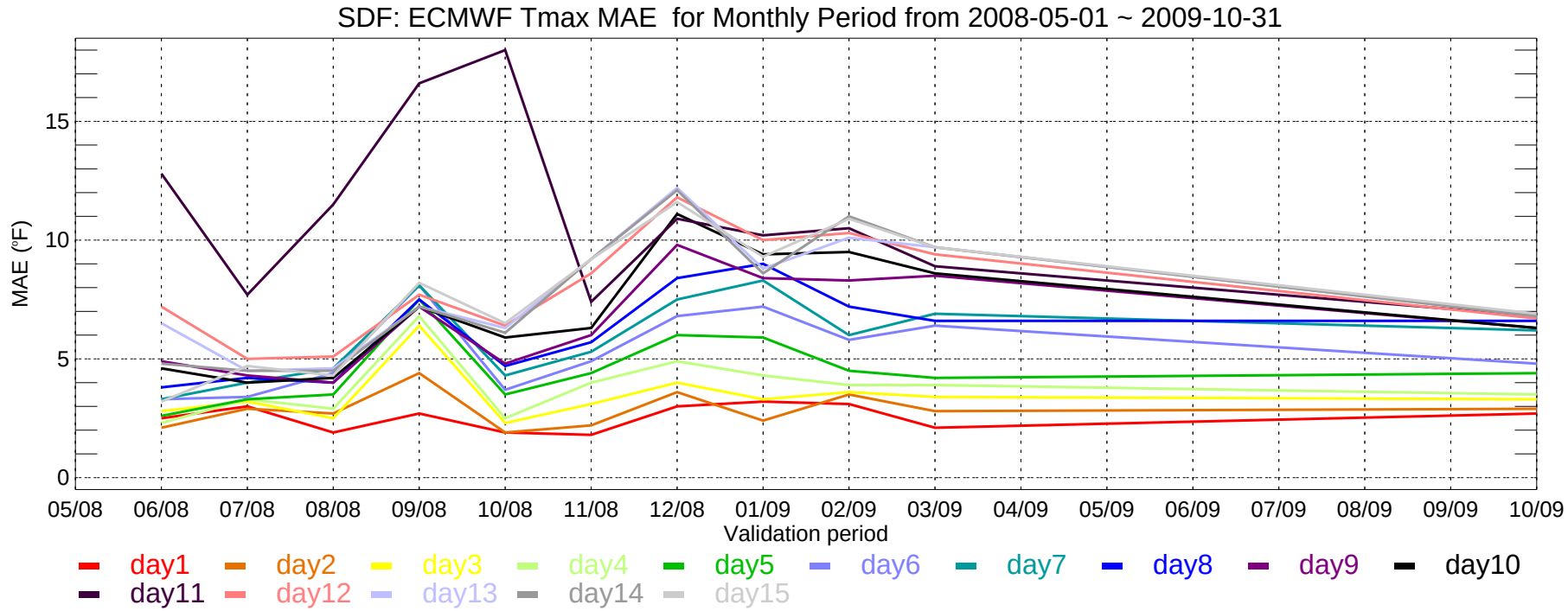
day15


SDF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
5
10
15
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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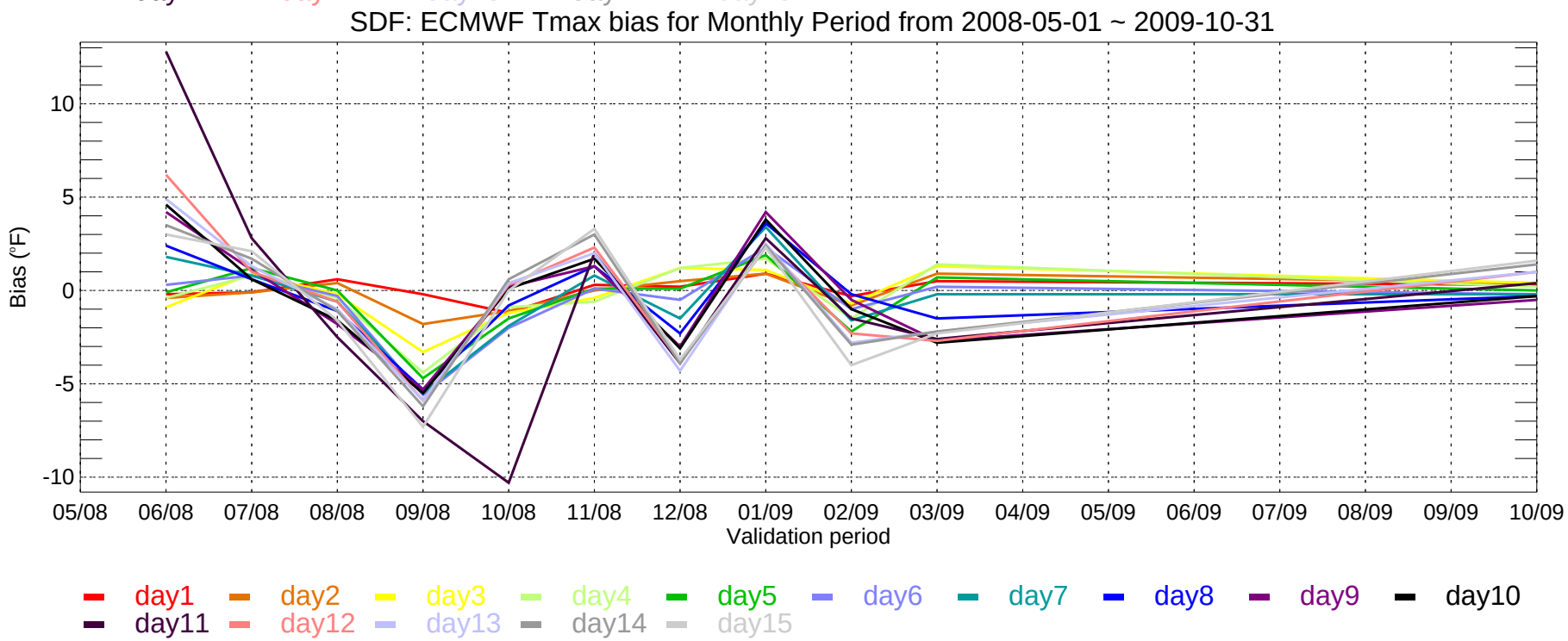
day15


SDF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
10
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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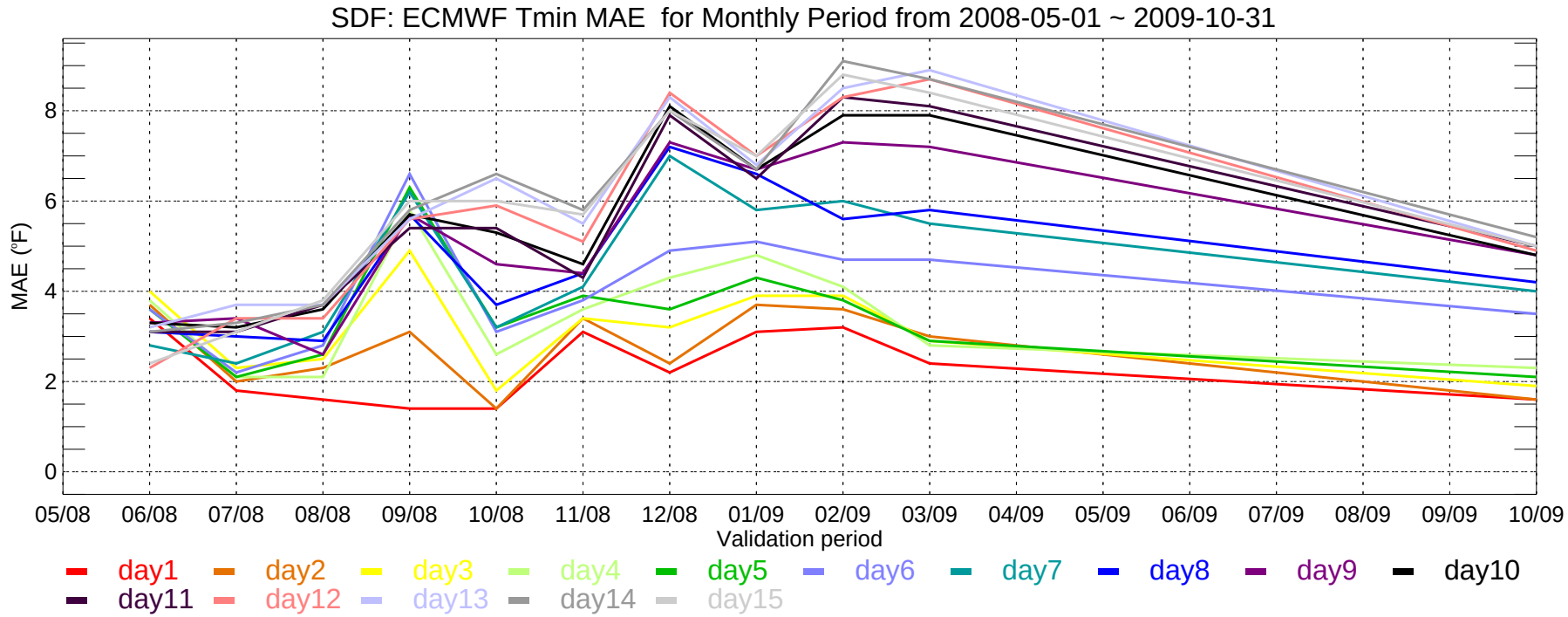
day15


SDF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
07/09
08/09
09/09
10/09
Validation period
day1
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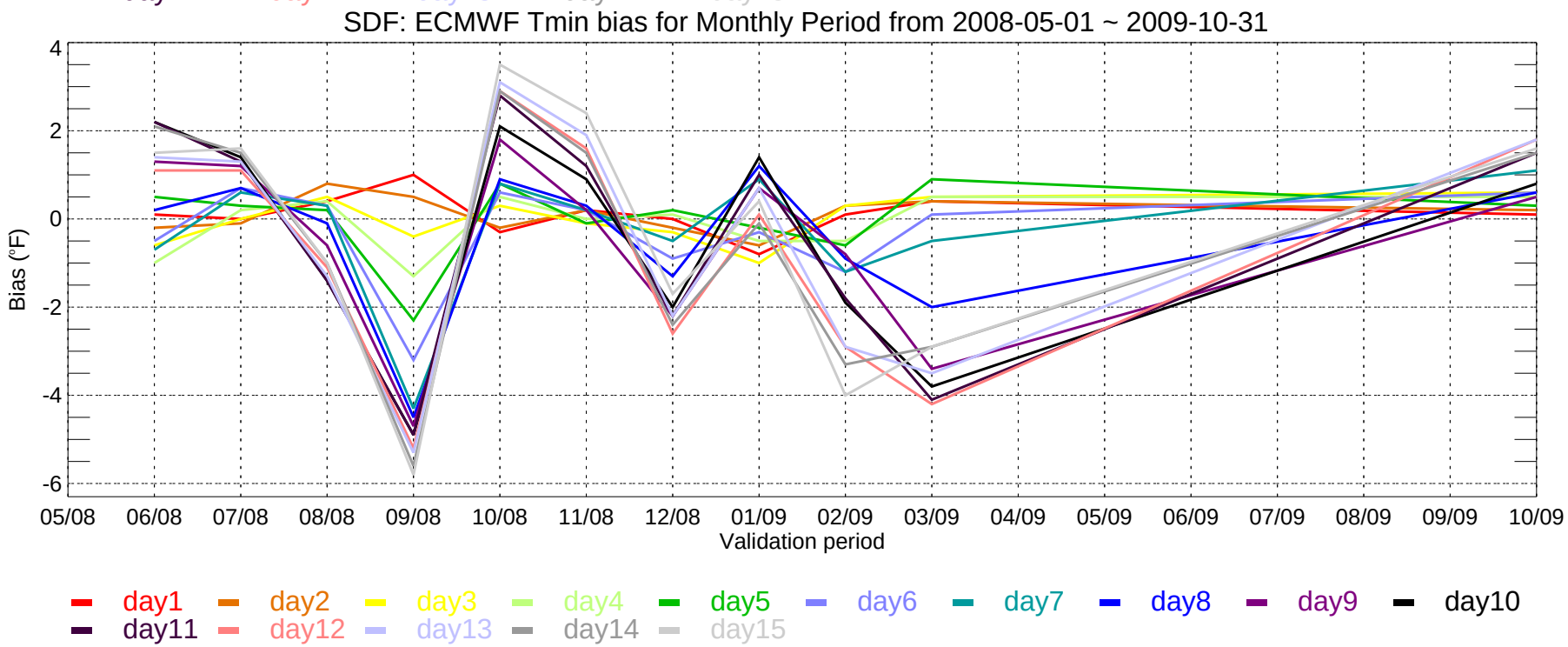
day15


SDF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
day1
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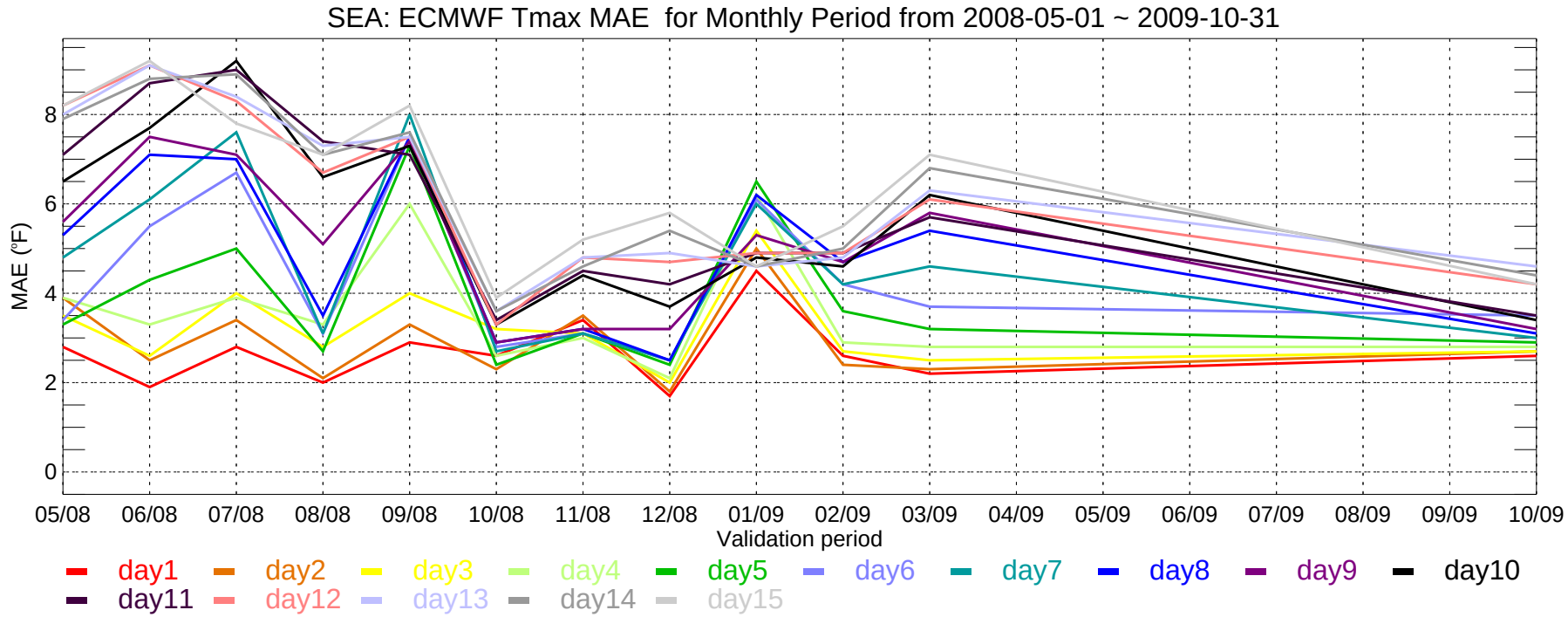
SEA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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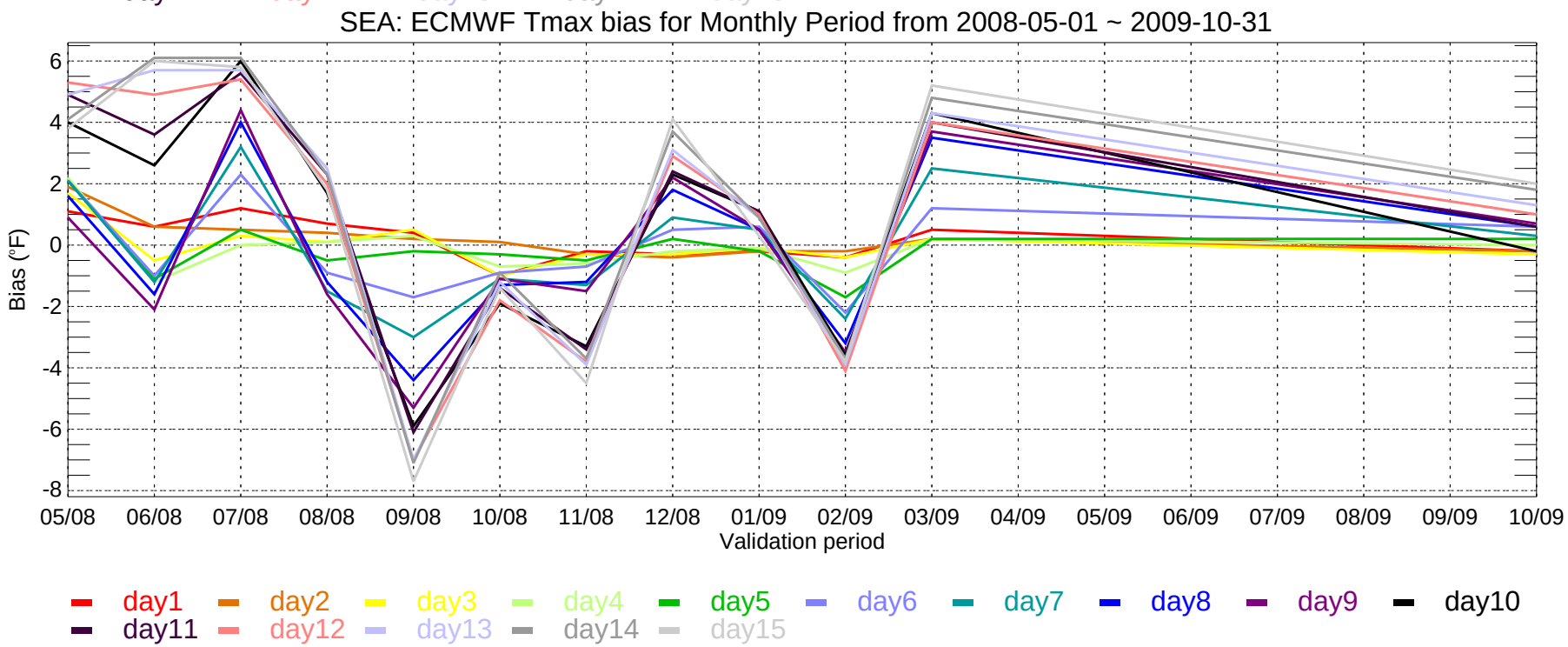
SEA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
Validation period
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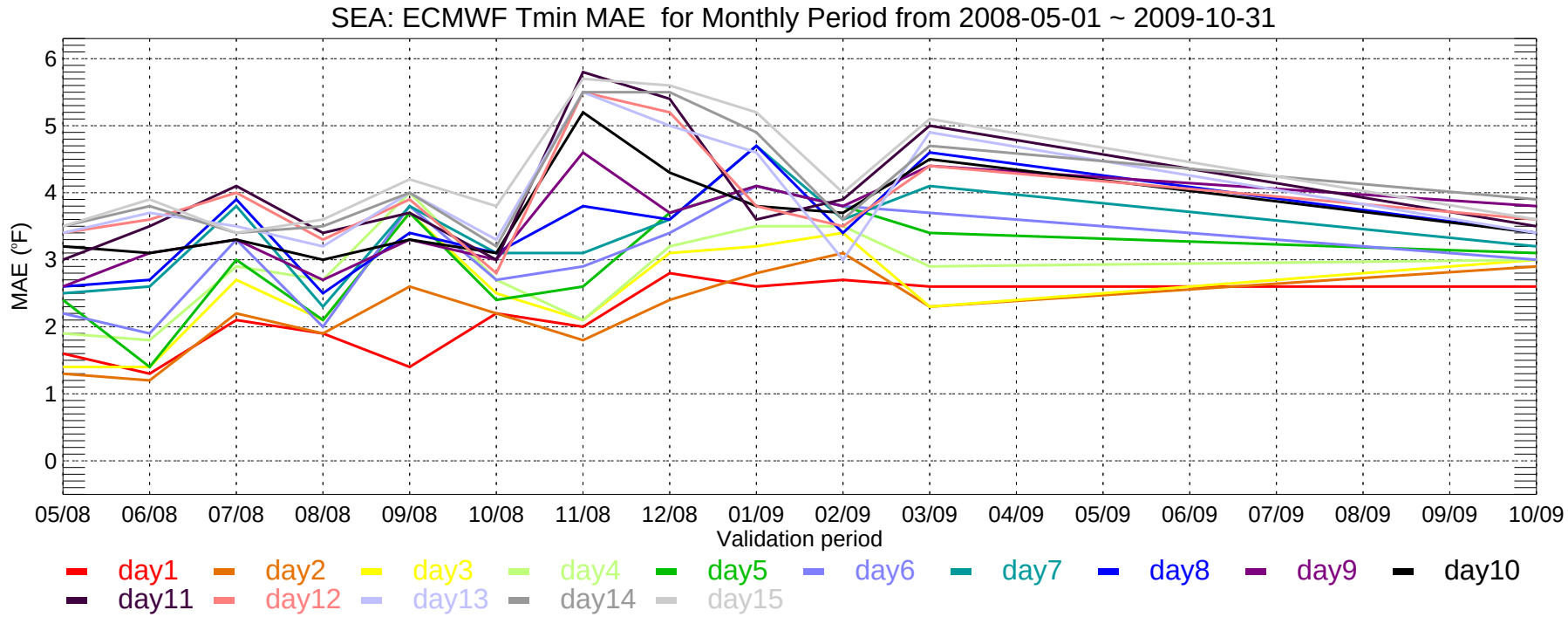
SEA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
1
2
3
4
5
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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10/09
Validation period
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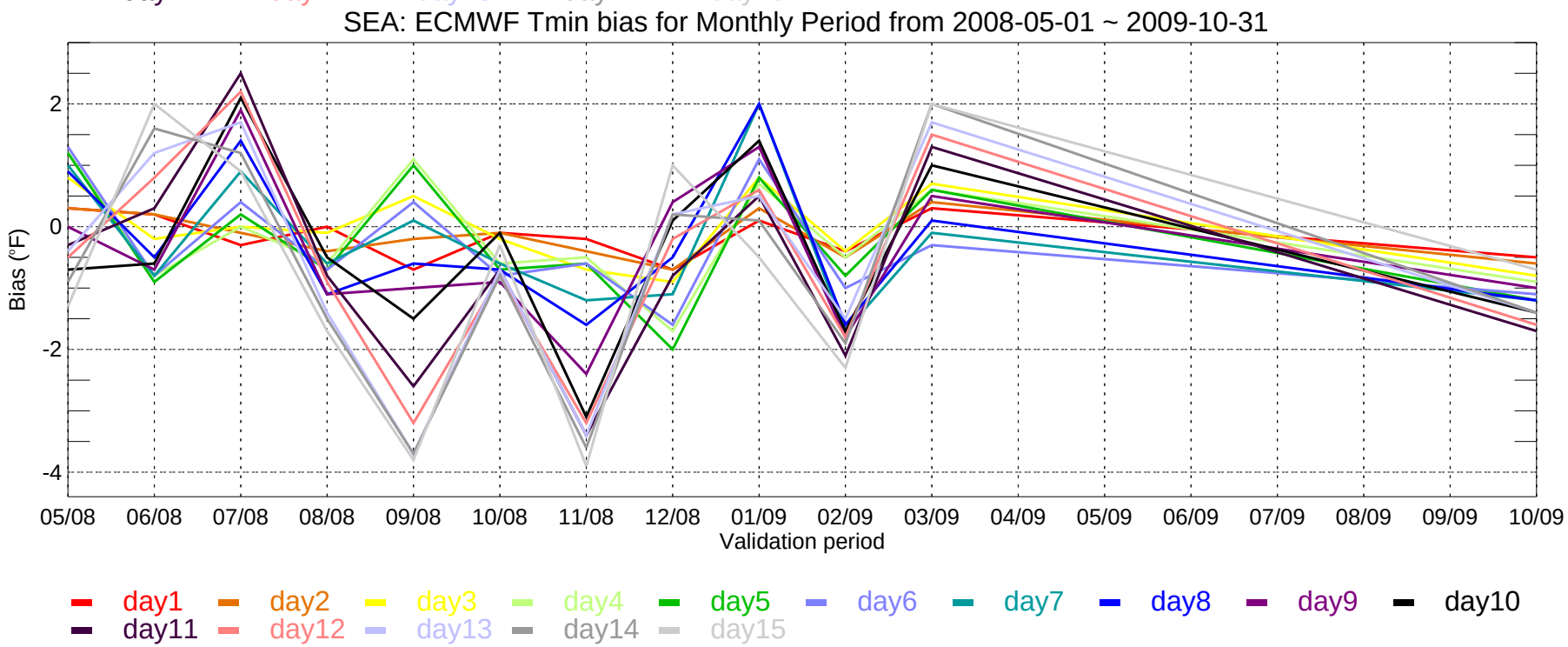
SEA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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Validation period
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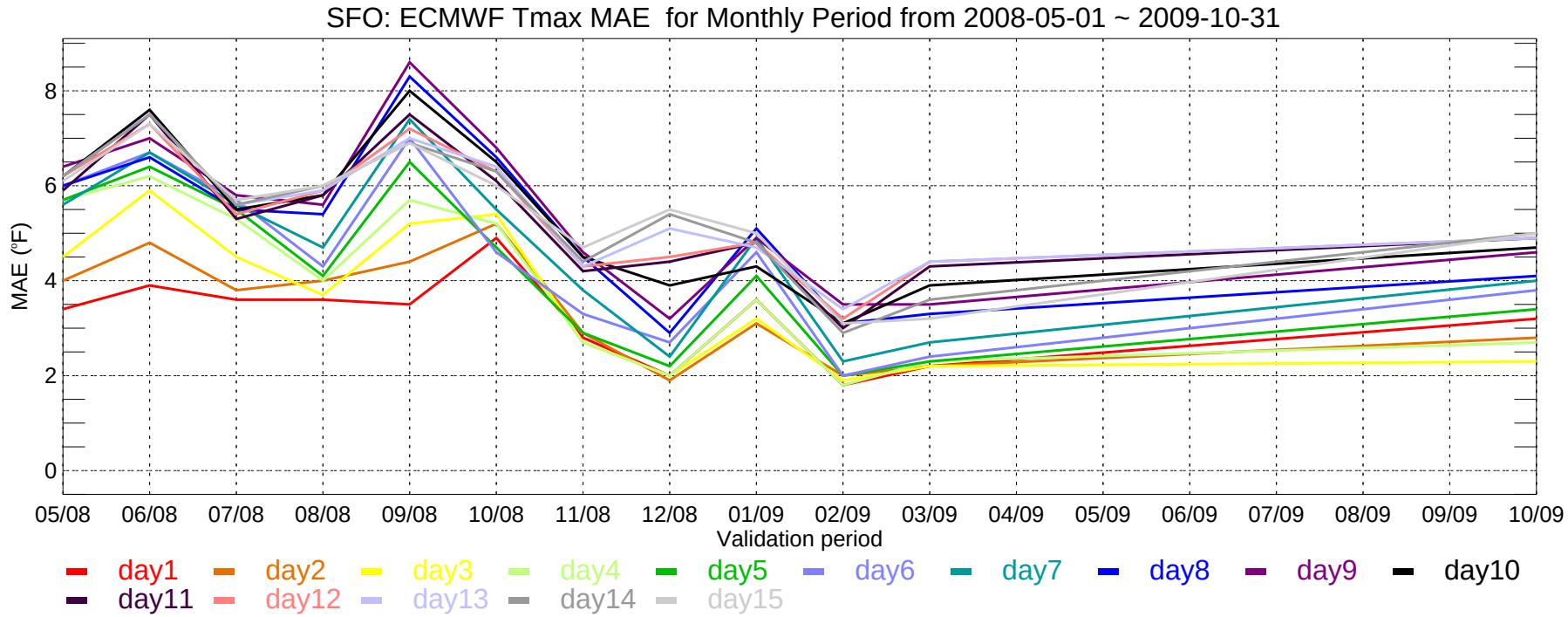
SFO: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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10/09
Validation period
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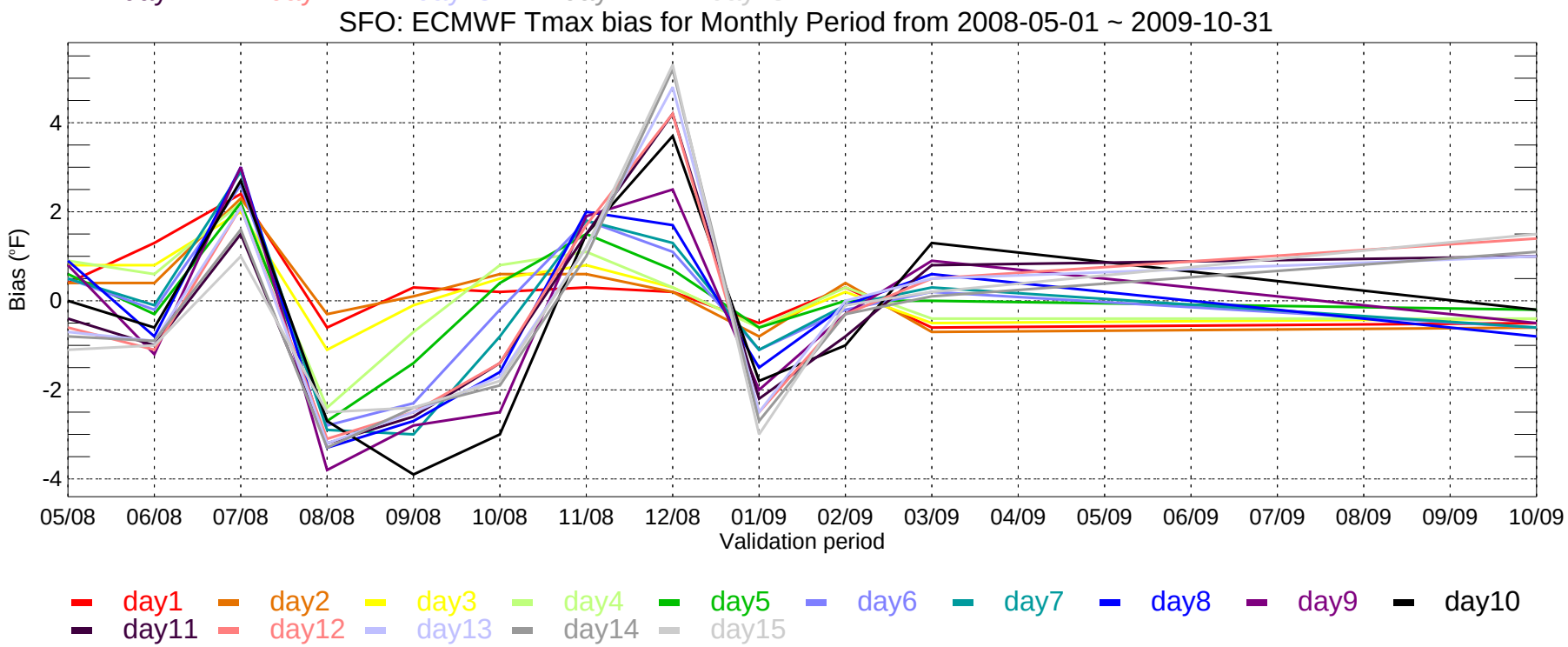
SFO: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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Validation period
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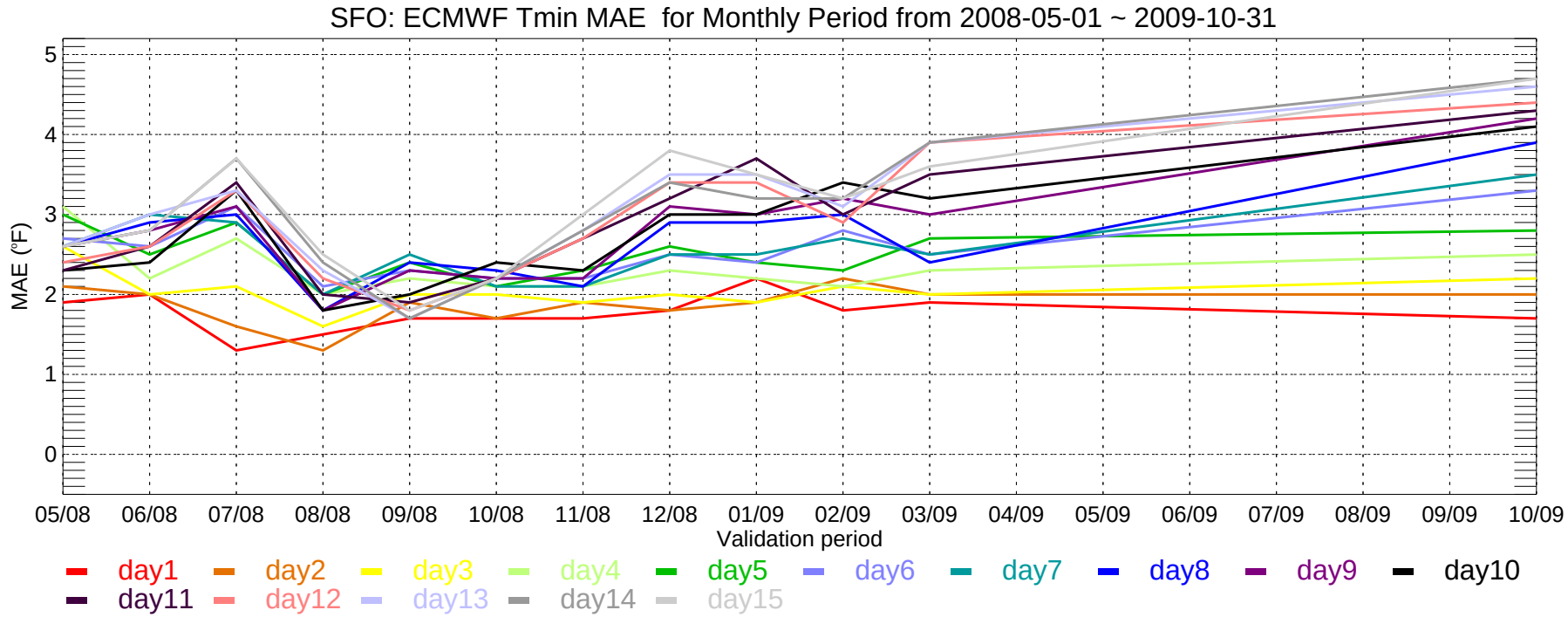
SFO: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
5
4
3
2
1
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
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08/09
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10/09
Validation period
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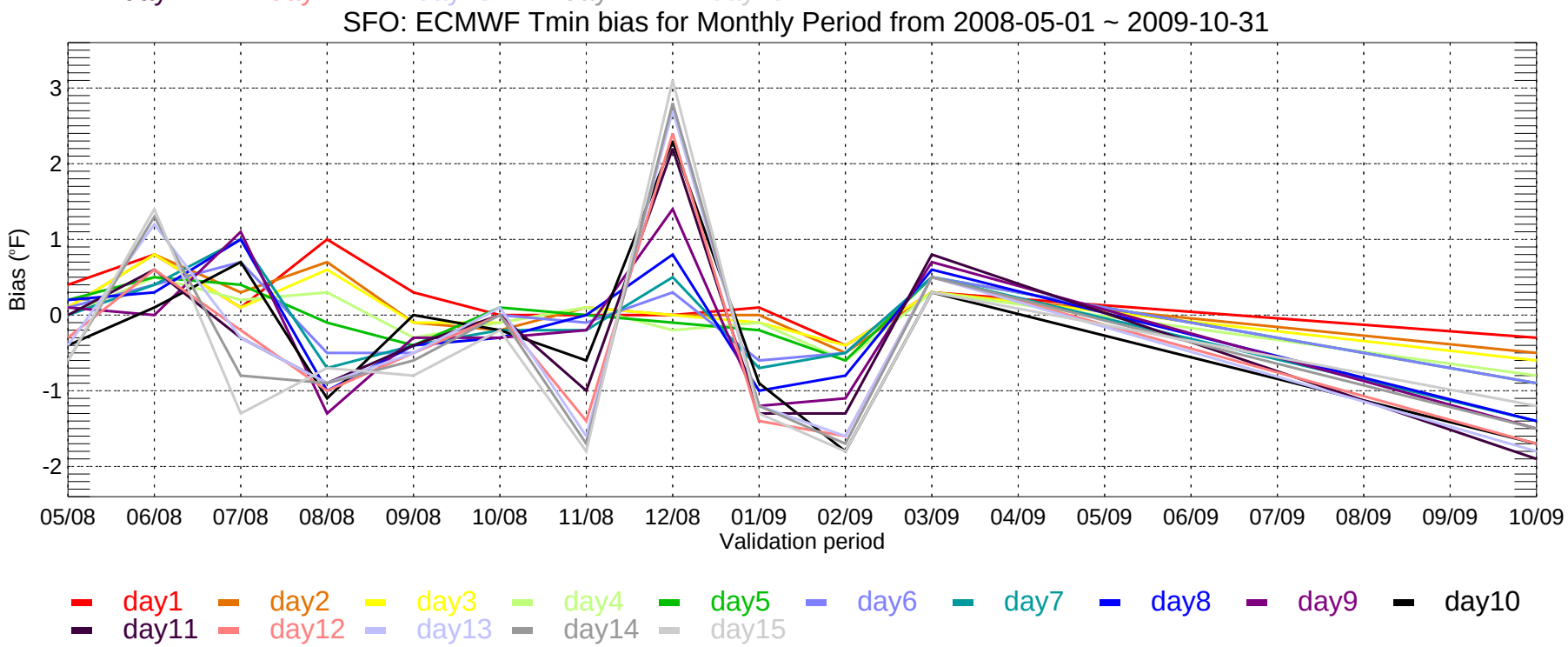
SFO: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
3
2
1
0
-1
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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08/09
09/09
10/09
Validation period
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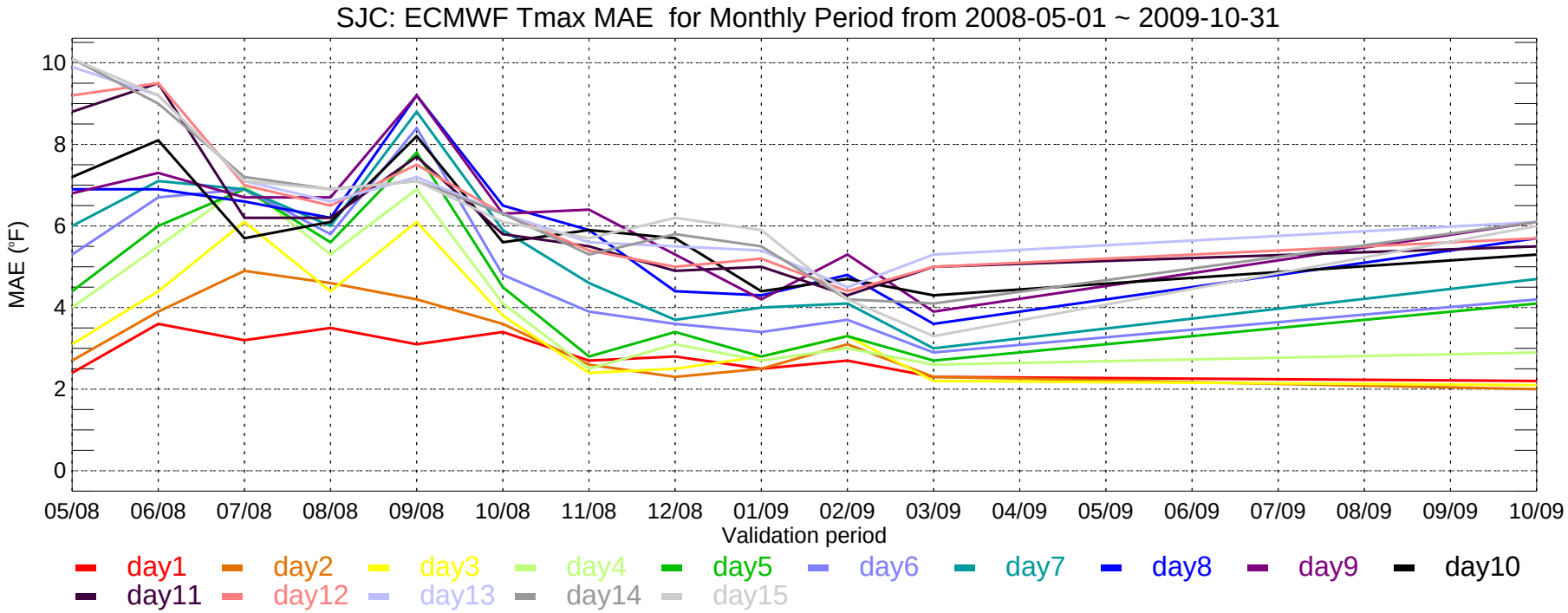
day15


SJC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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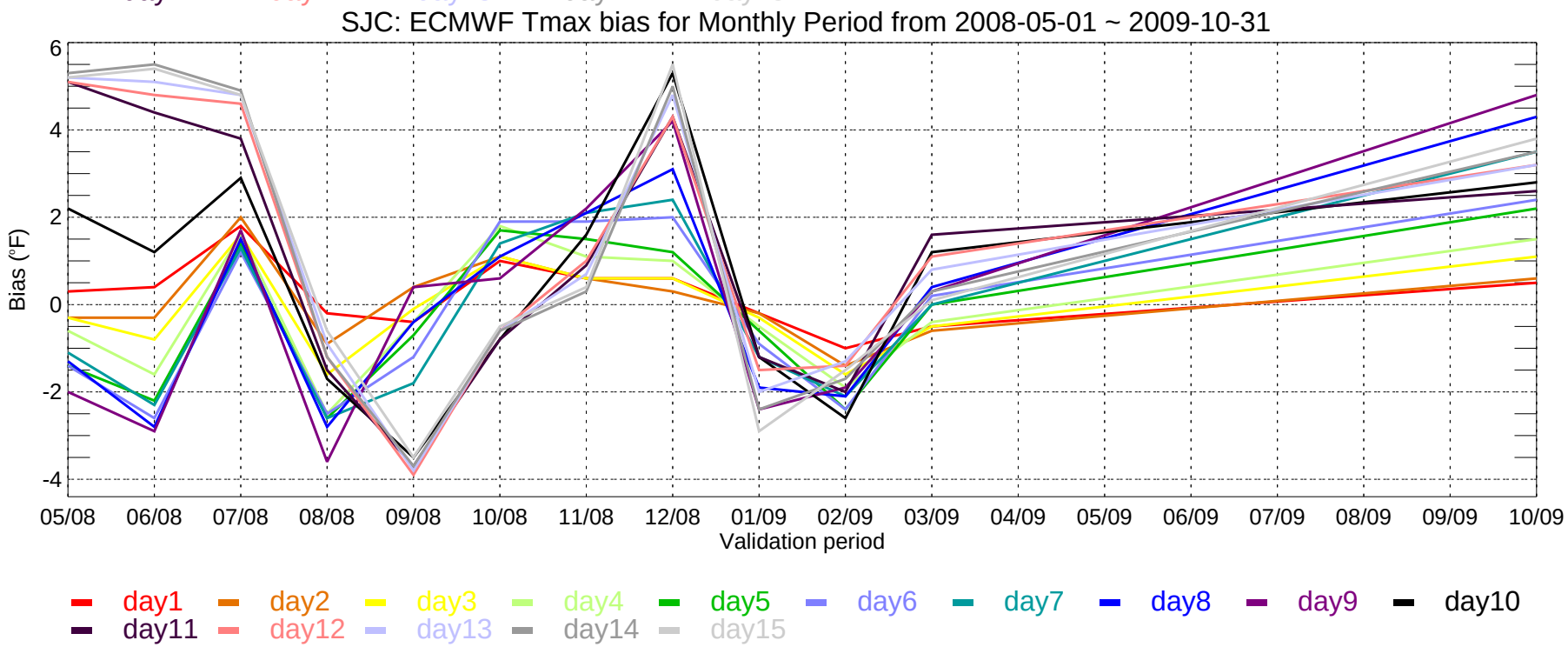
day14
day15


SJC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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day7
day8
day9
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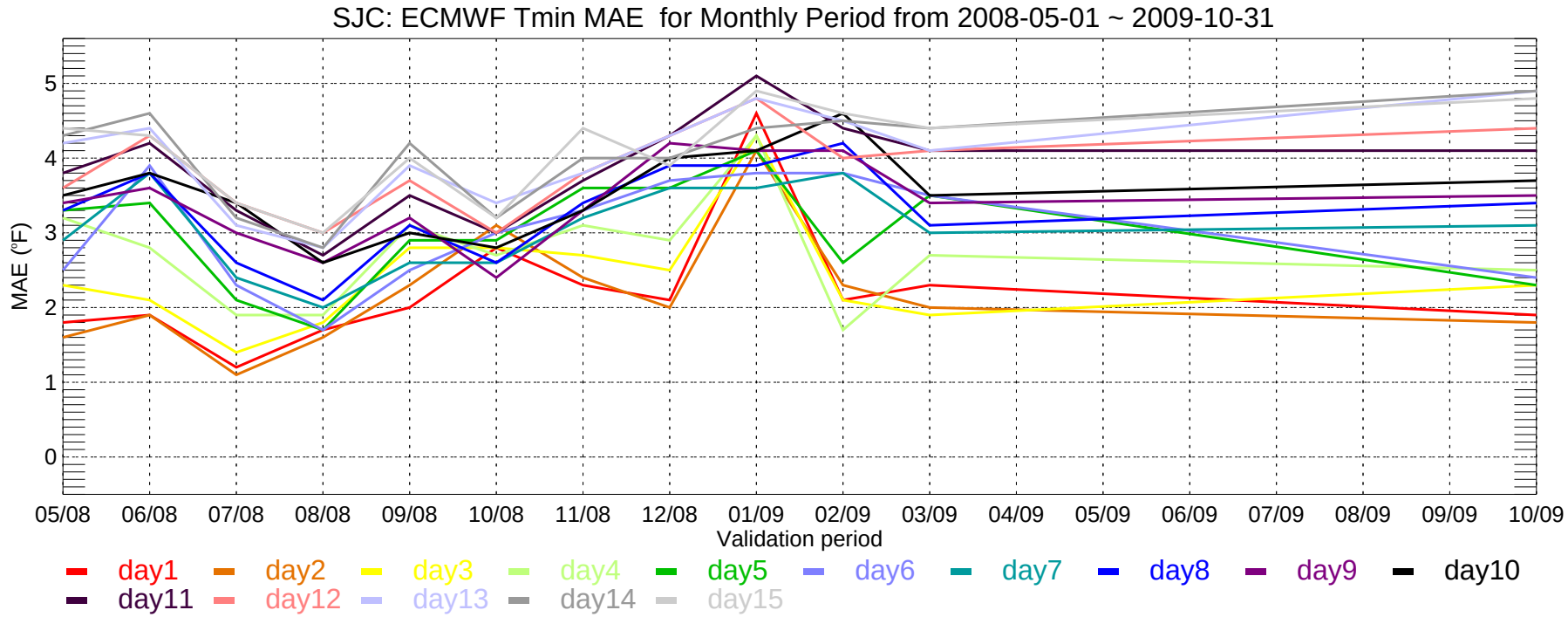
day13
day14
day15


SJC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
1
2
3
4
5
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
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day11
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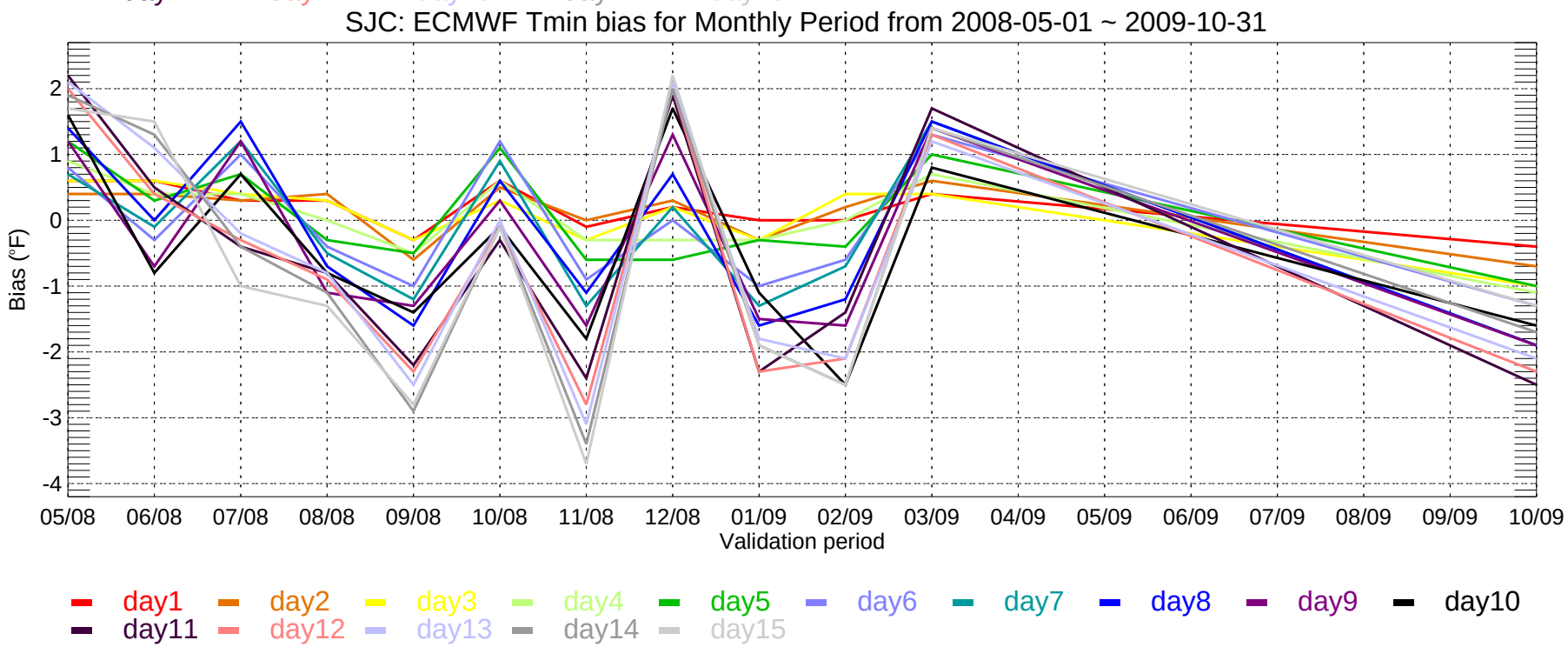
day13
day14
day15


SJC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-3
-2
-1
0
1
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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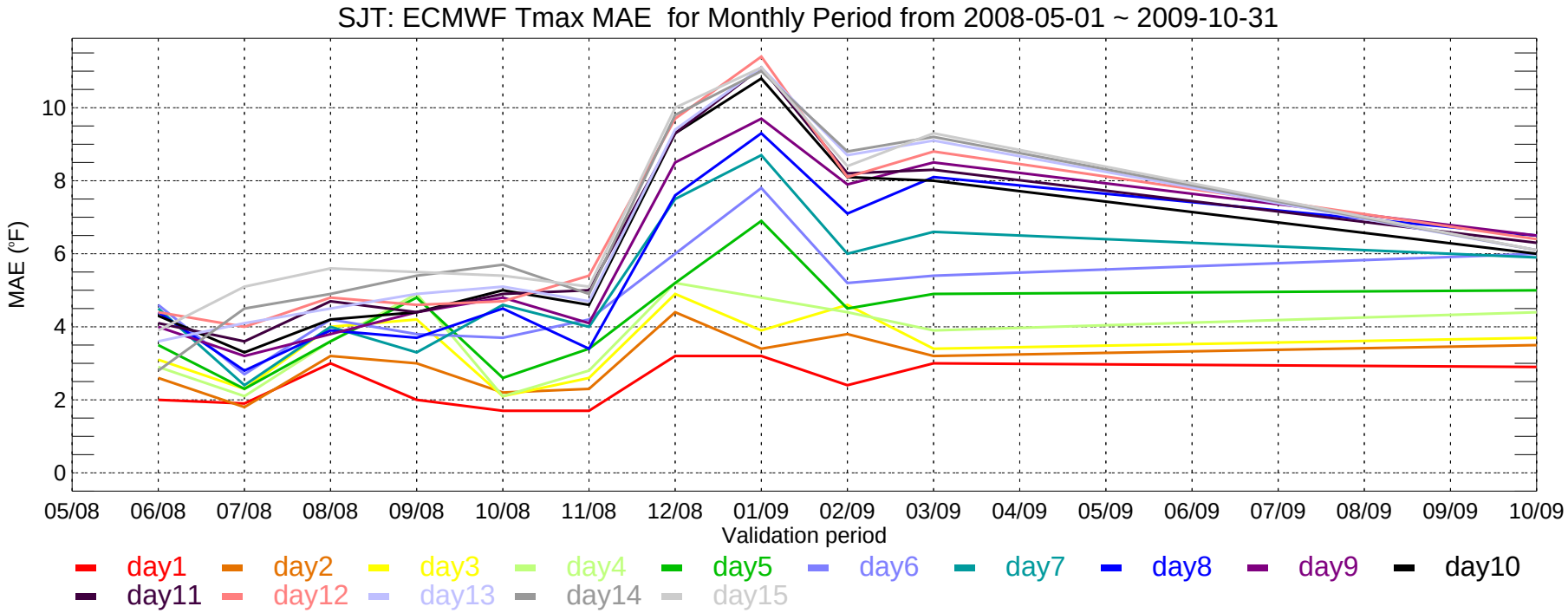
day10
day11
day12
day13
day14
day15


SJT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
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day10
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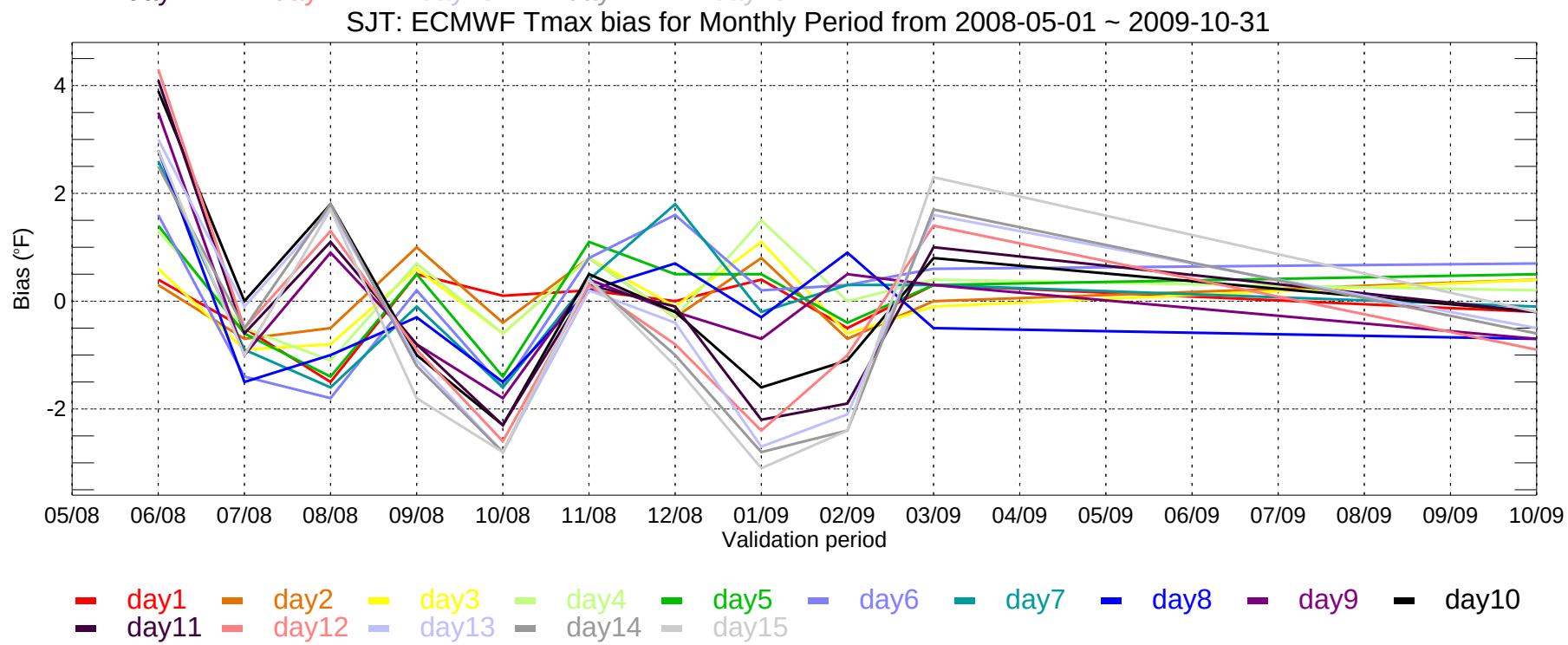
day13
day14
day15


SJT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day3
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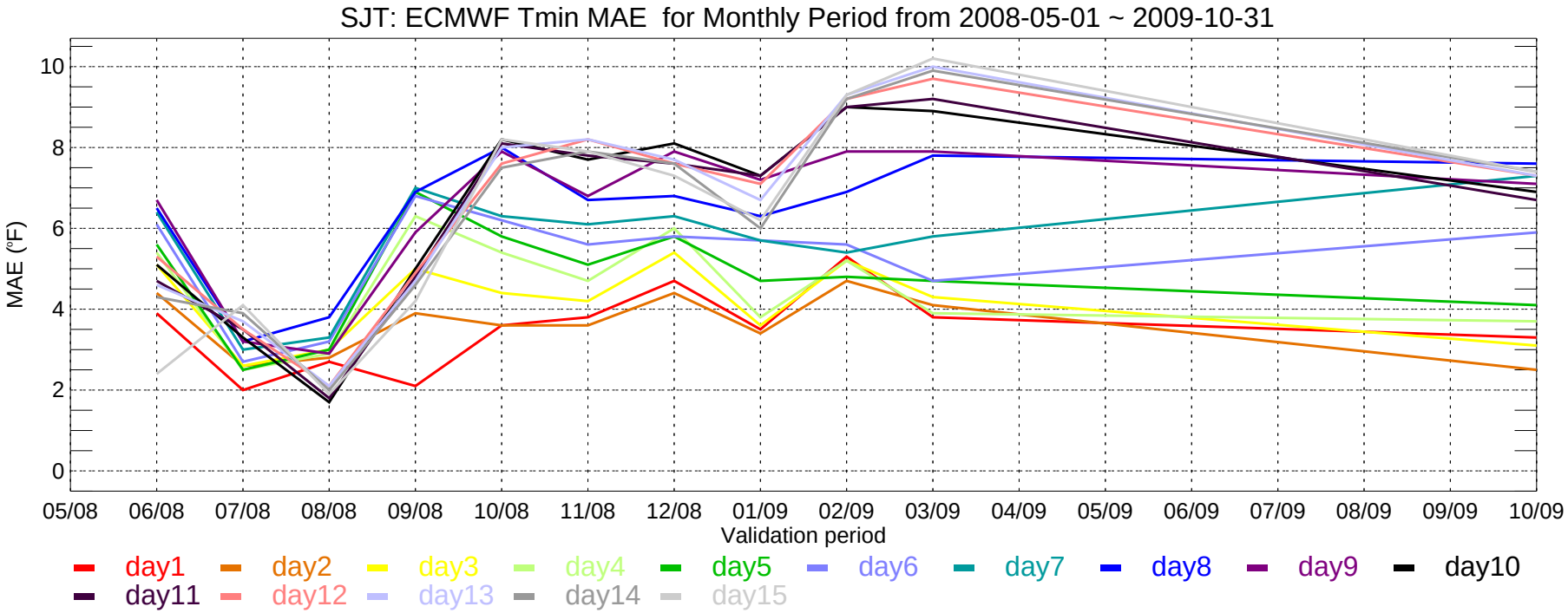
day14
day15


SJT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day3
day4
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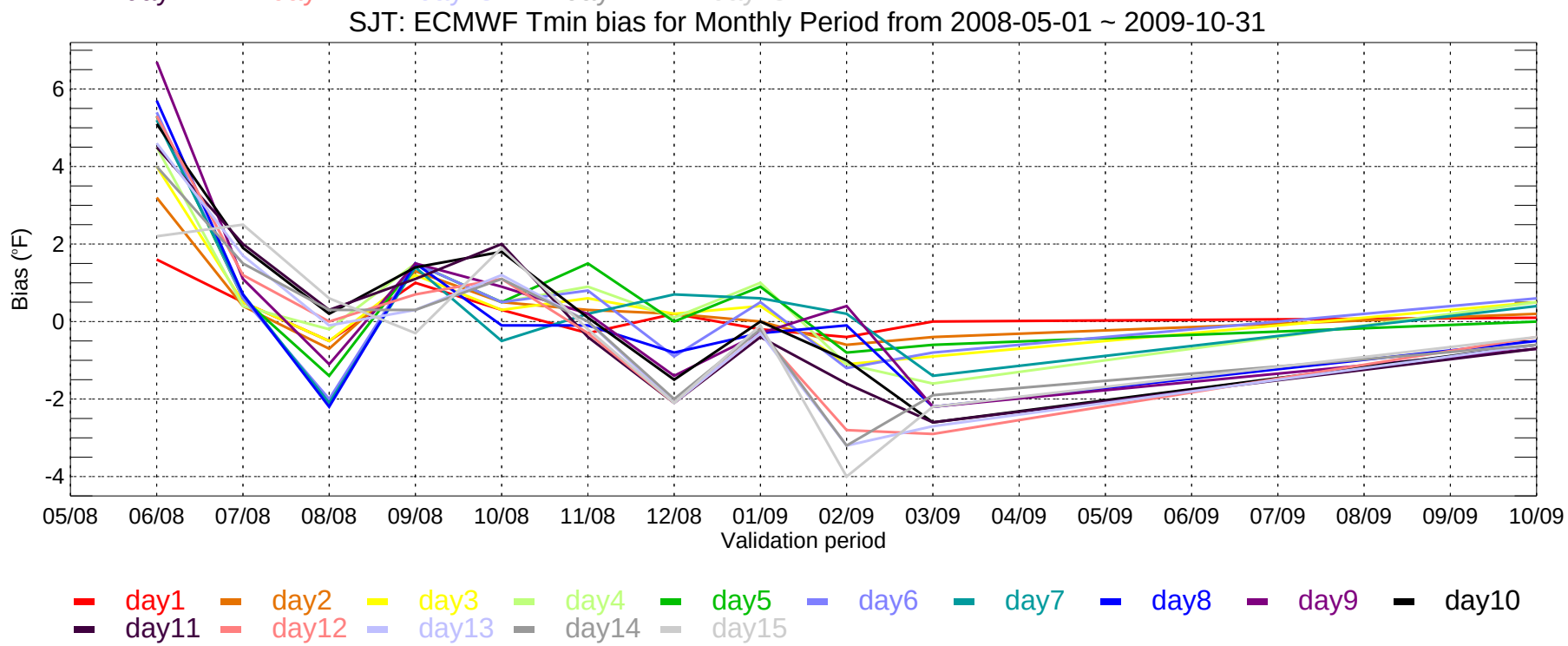
day14
day15


SJT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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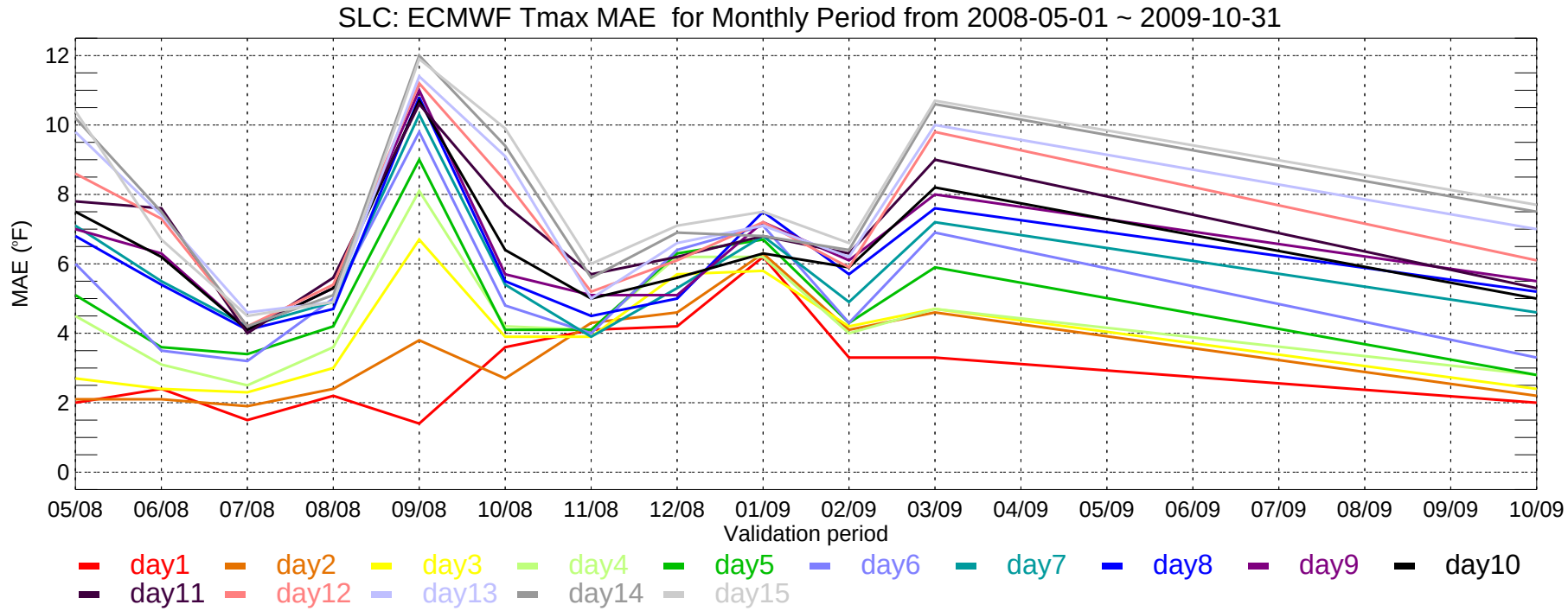
day14
day15


SLC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
day11
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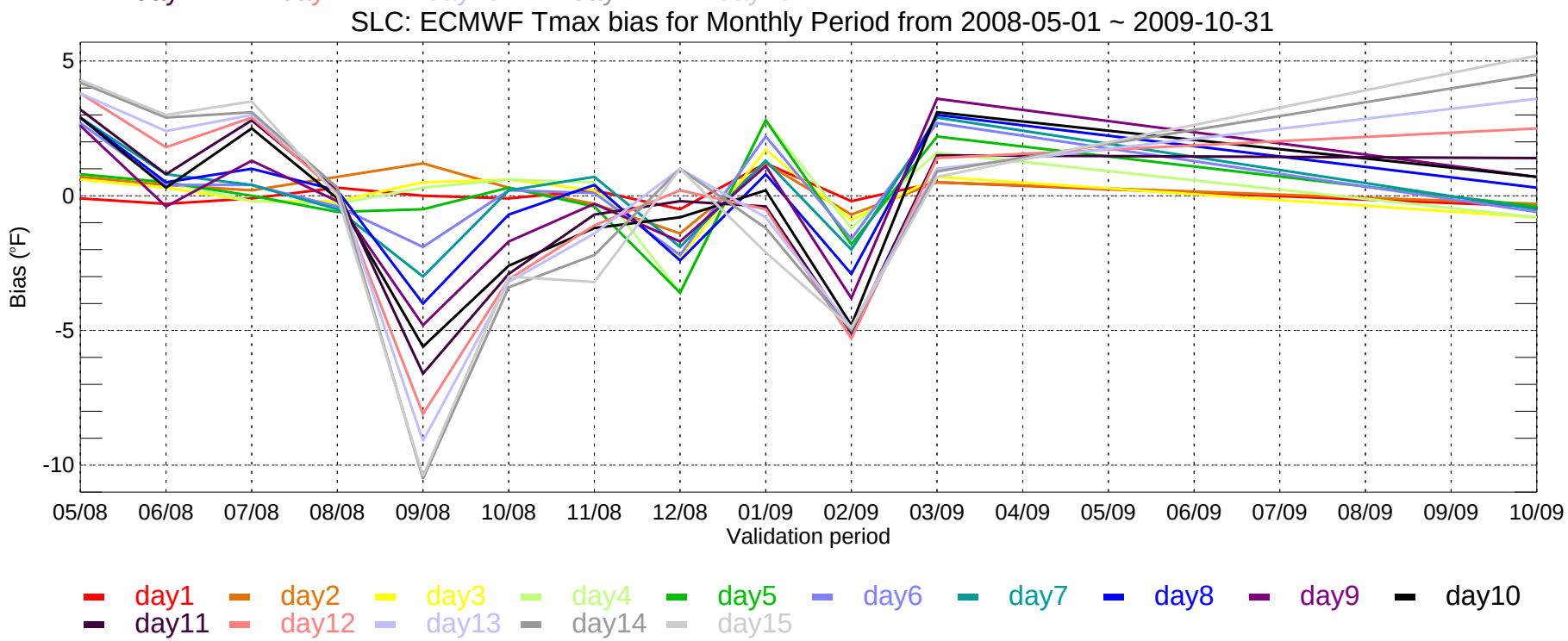
day13
day14
day15


SLC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
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day12
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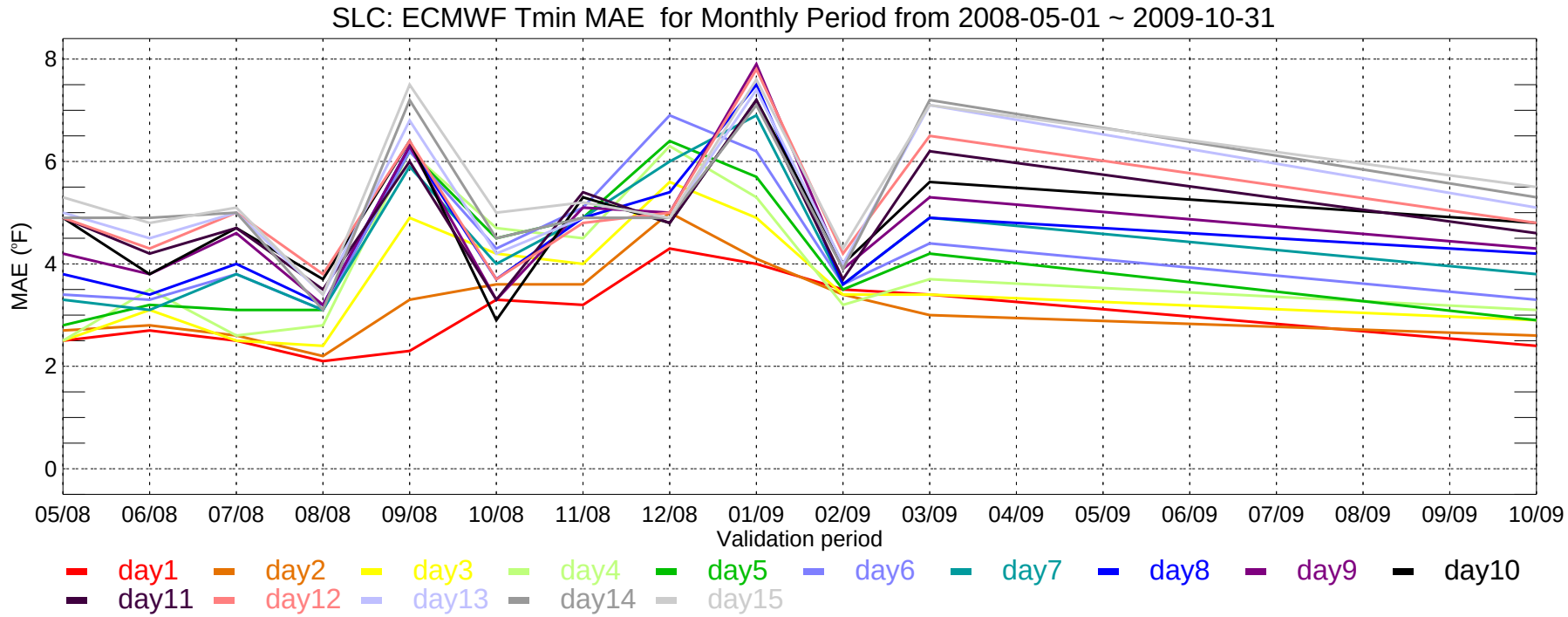
day14
day15


SLC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
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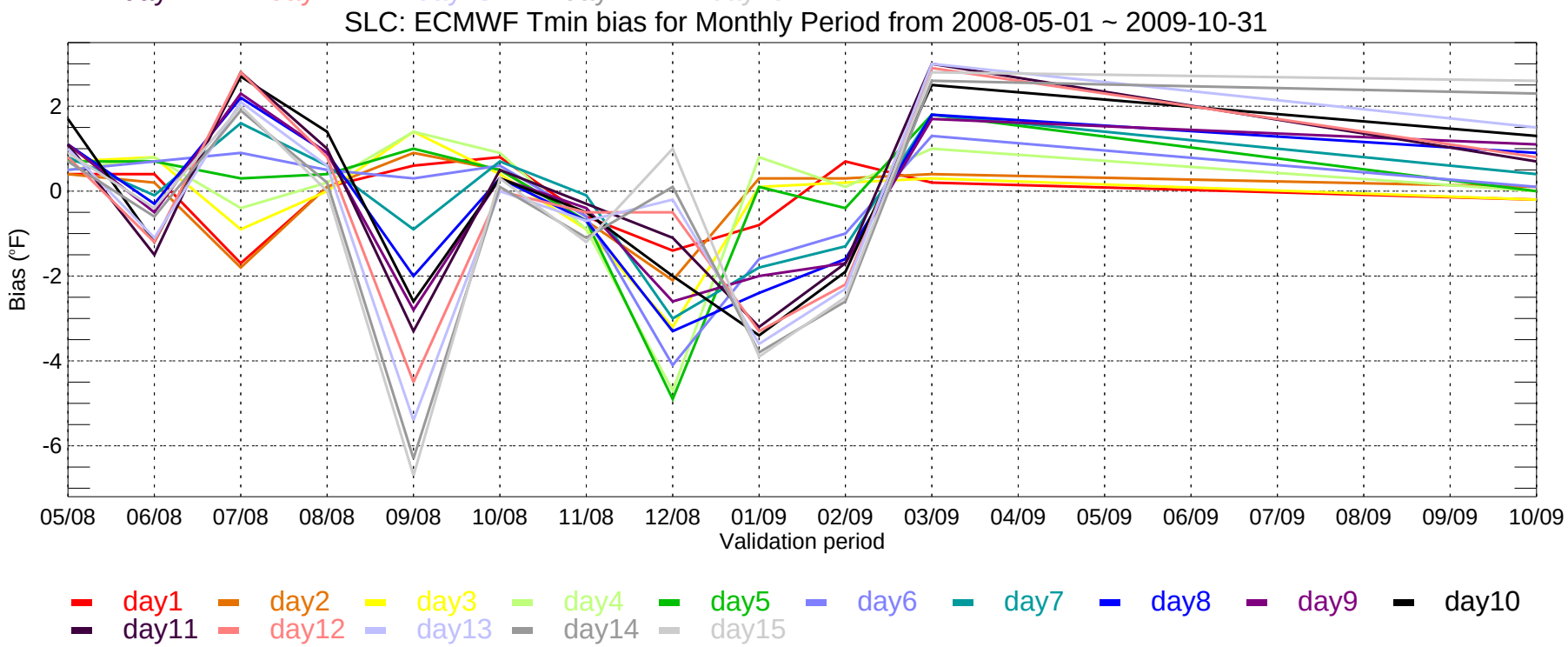
day10
day11
day12
day13
day14
day15


SLC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day4
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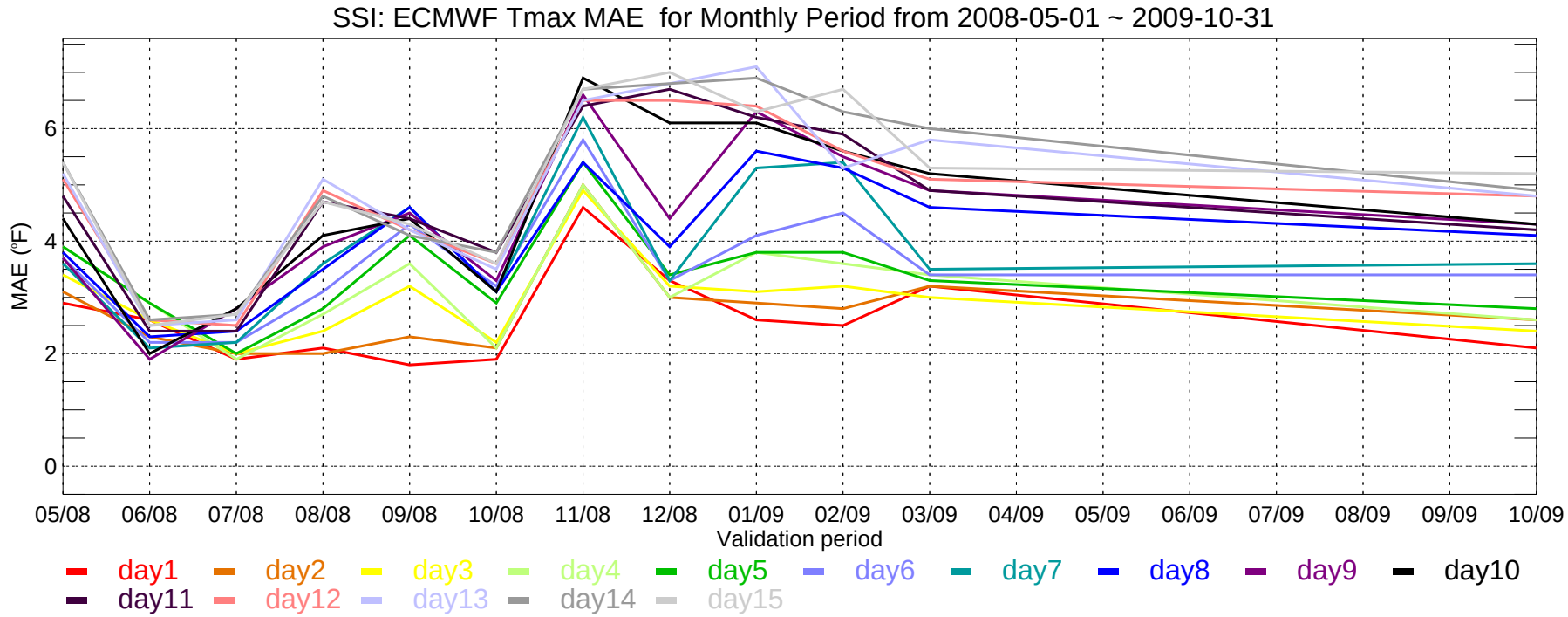
day13
day14
day15


SSI: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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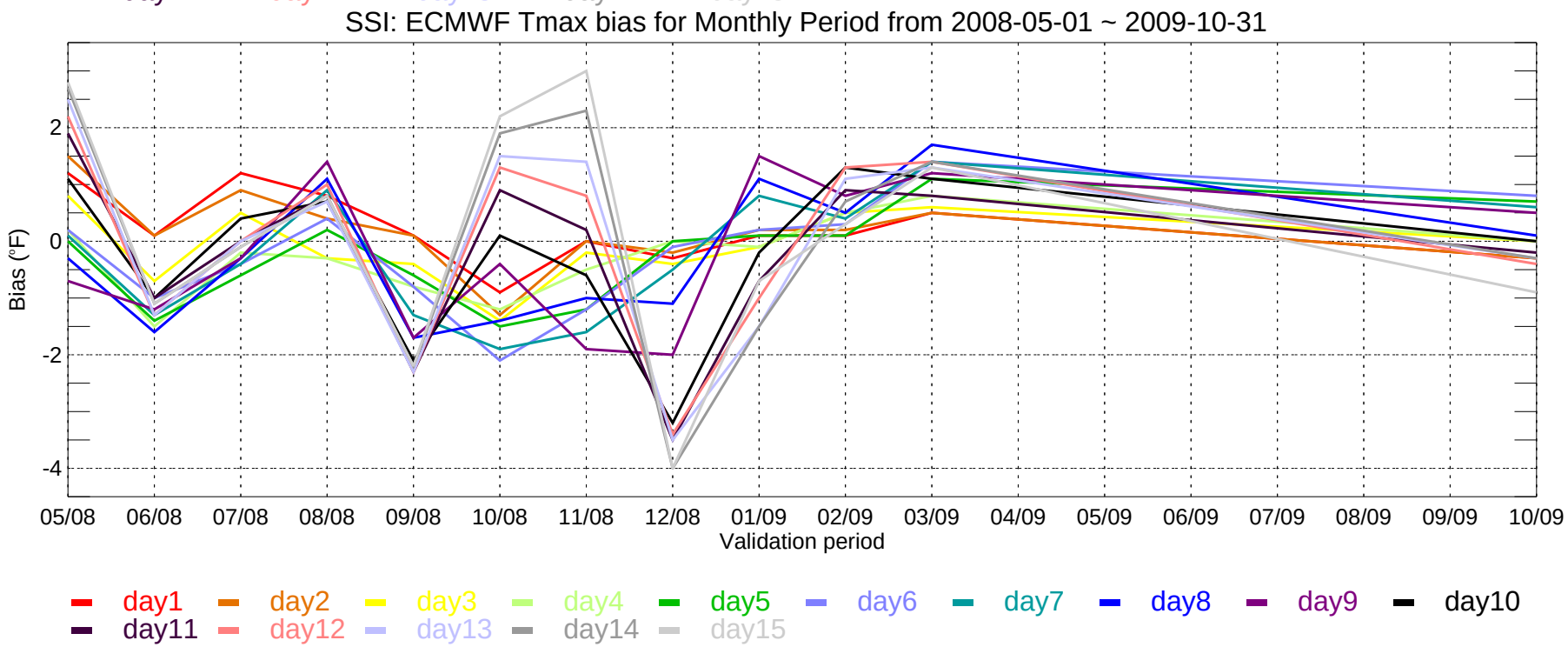
day14
day15


SSI: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
day5
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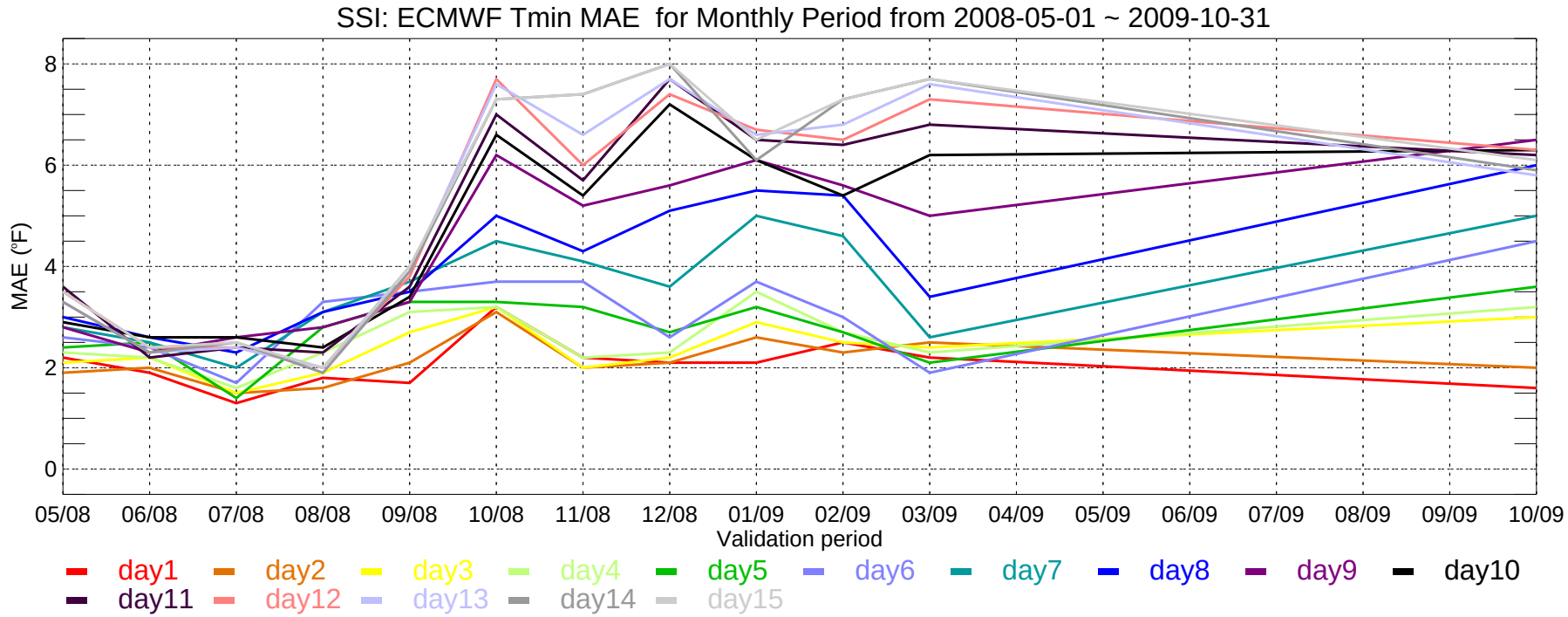
day15


SSI: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
day8
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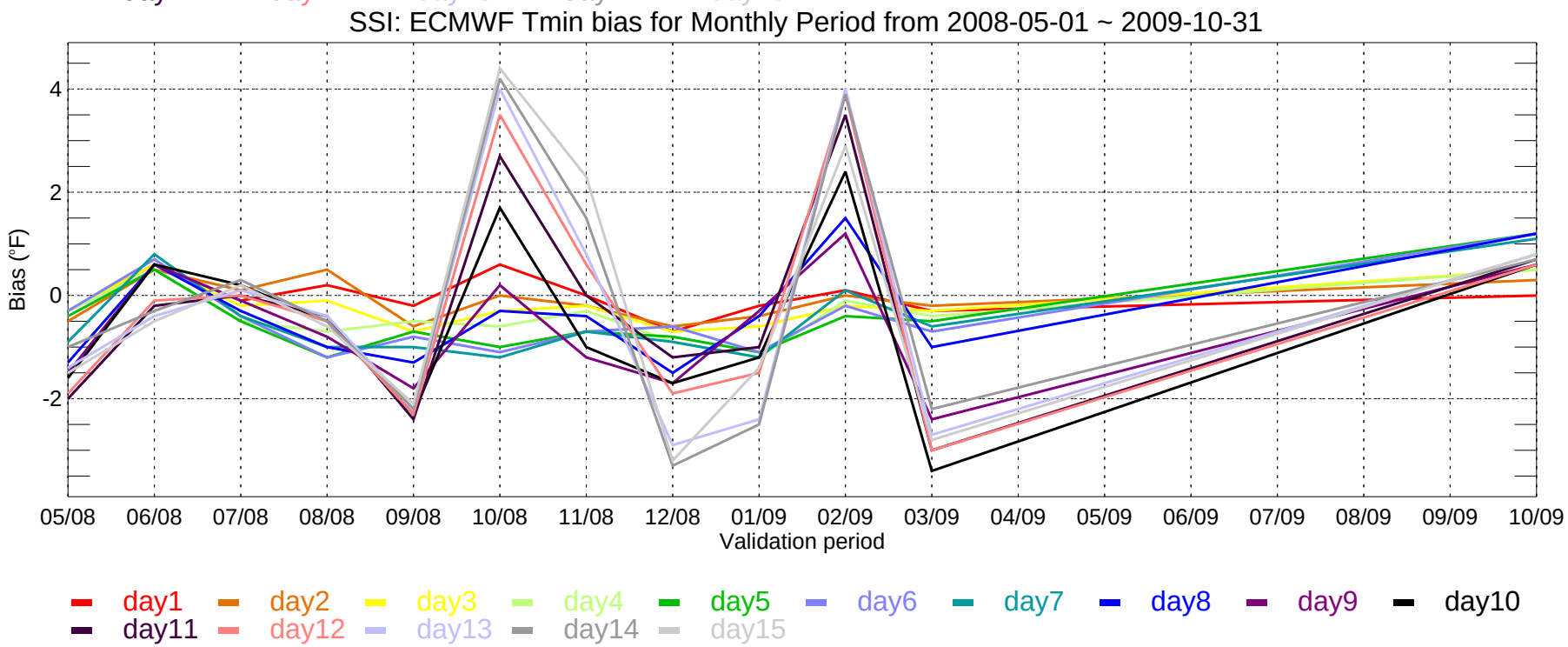
day15


SSI: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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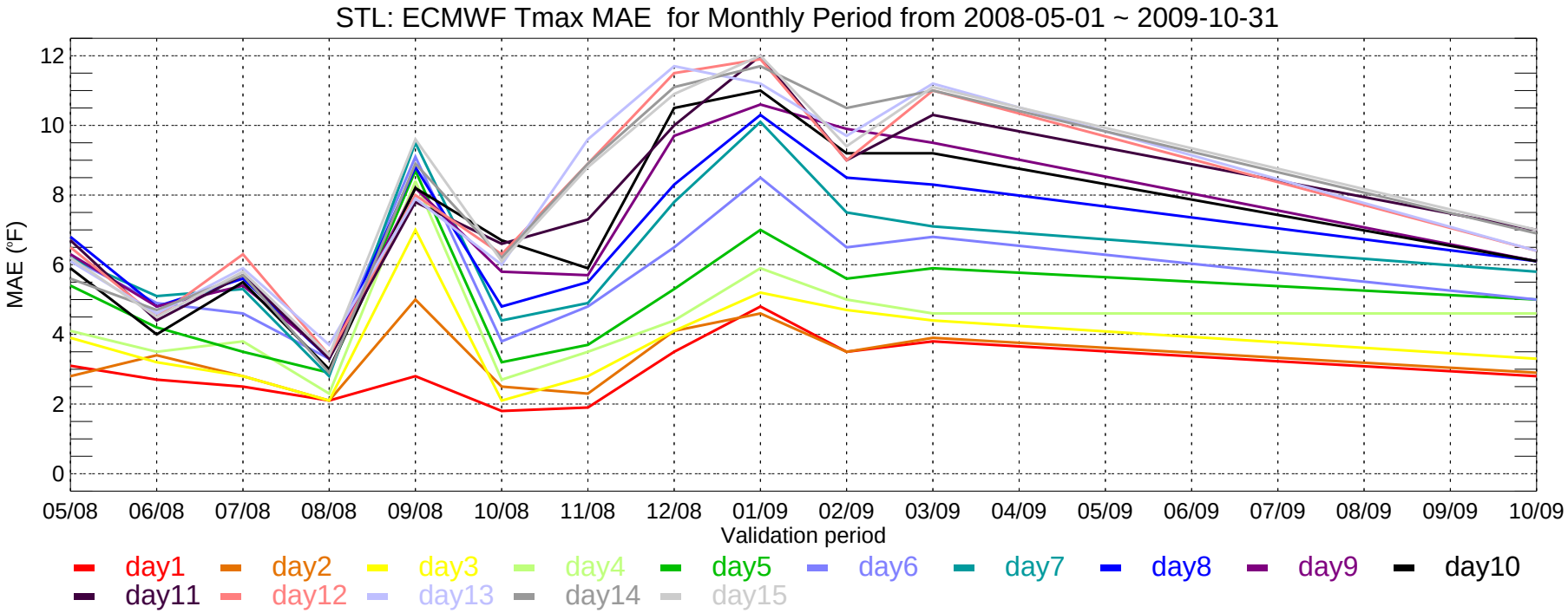
day15


STL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day3
day4
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day8
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day10
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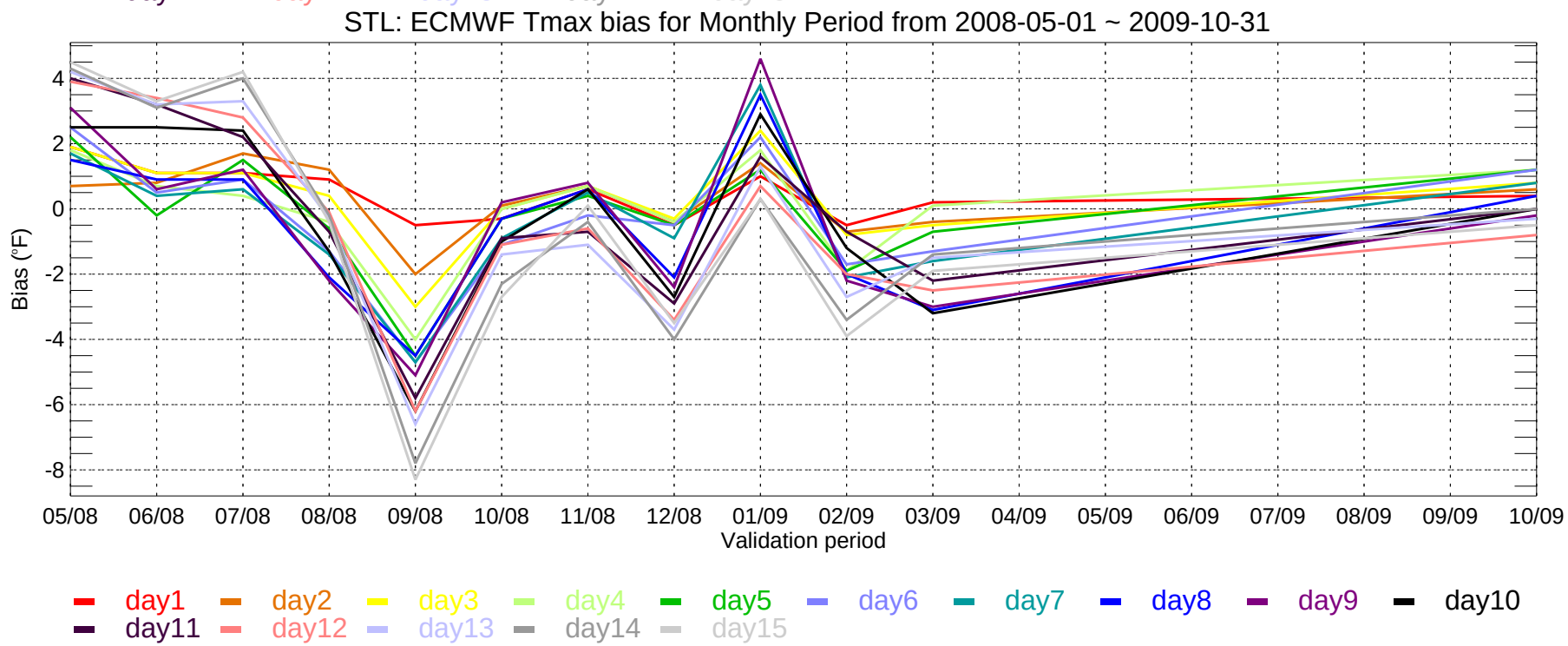
day13
day14
day15


STL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day4
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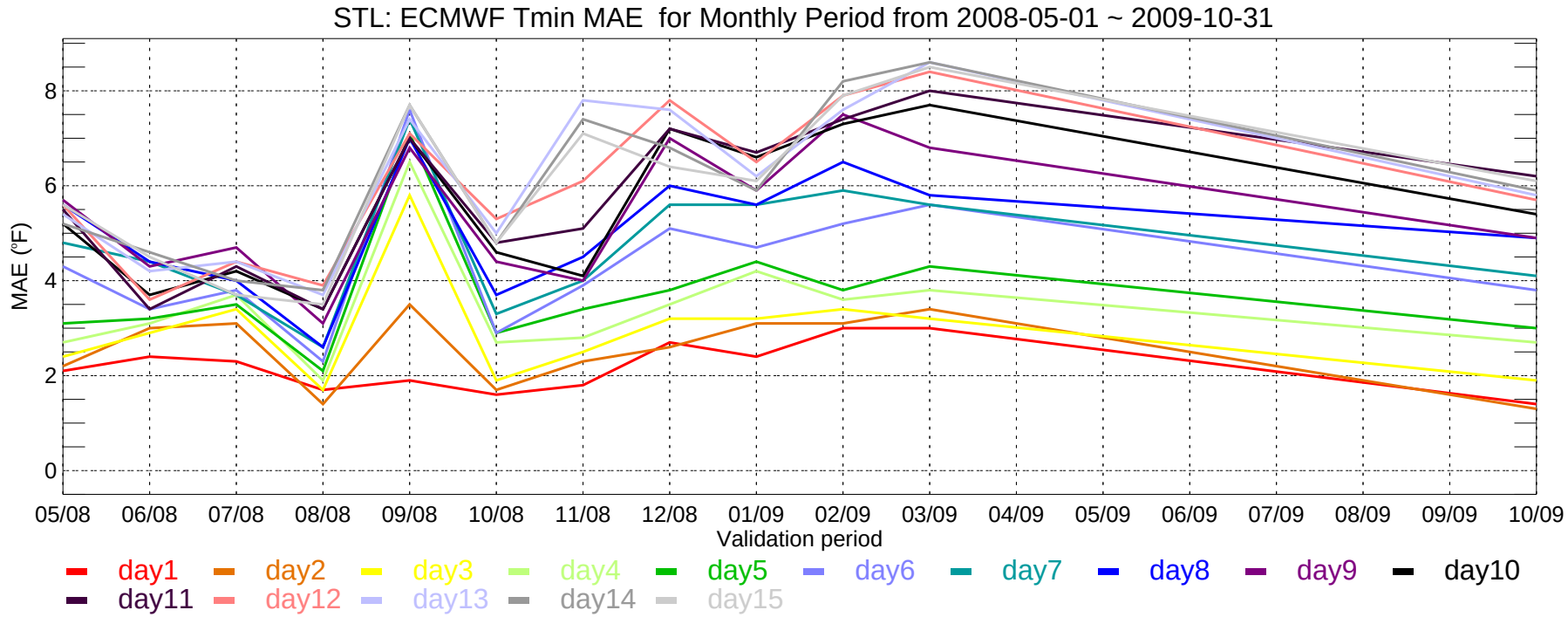
day15


STL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
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08/09
09/09
10/09
Validation period
day1
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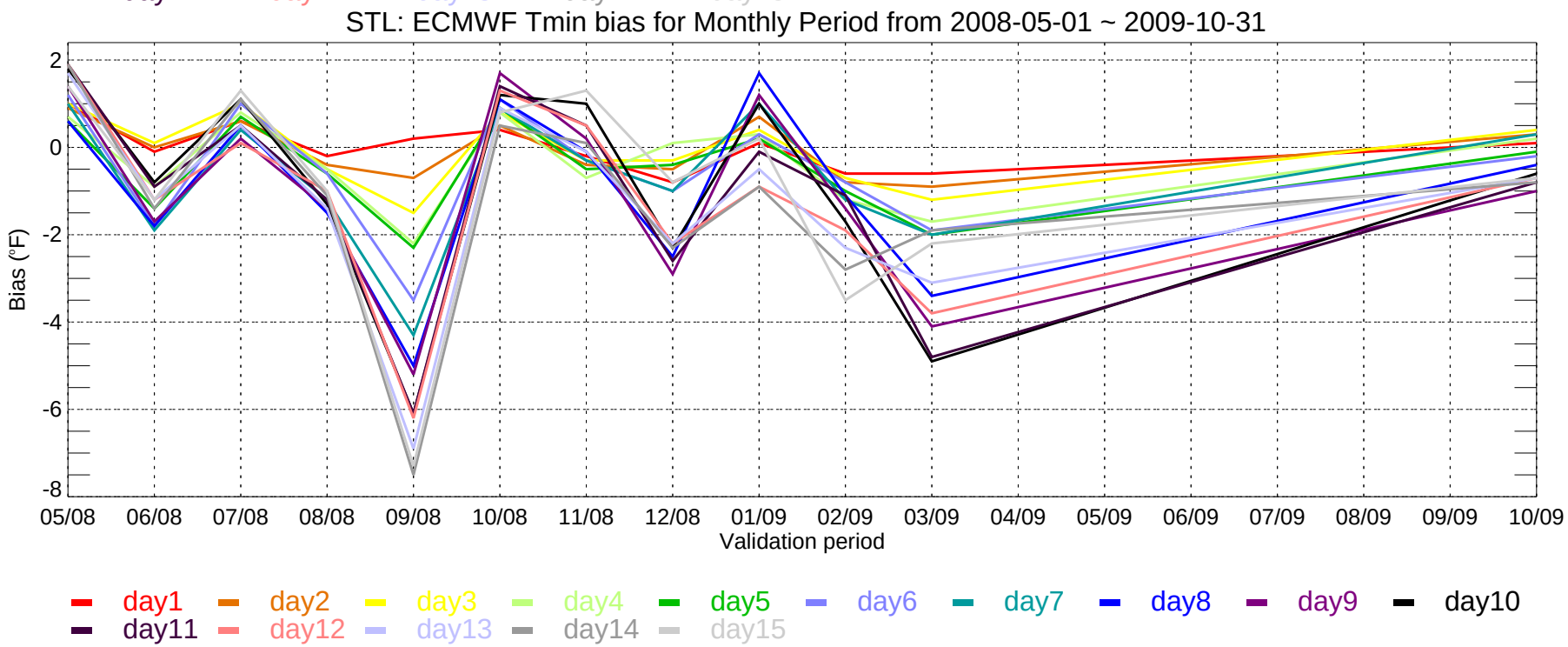
STL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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06/09
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10/09
Validation period
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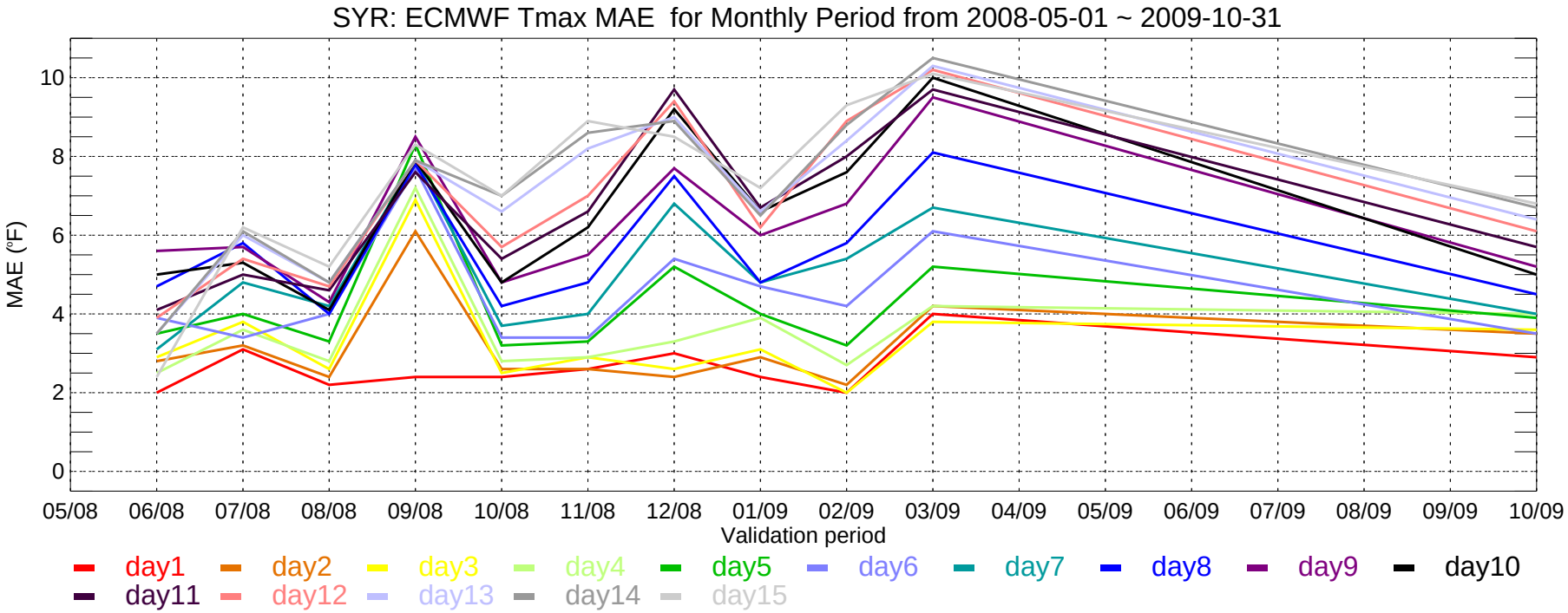
SYR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
07/09
08/09
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10/09
Validation period
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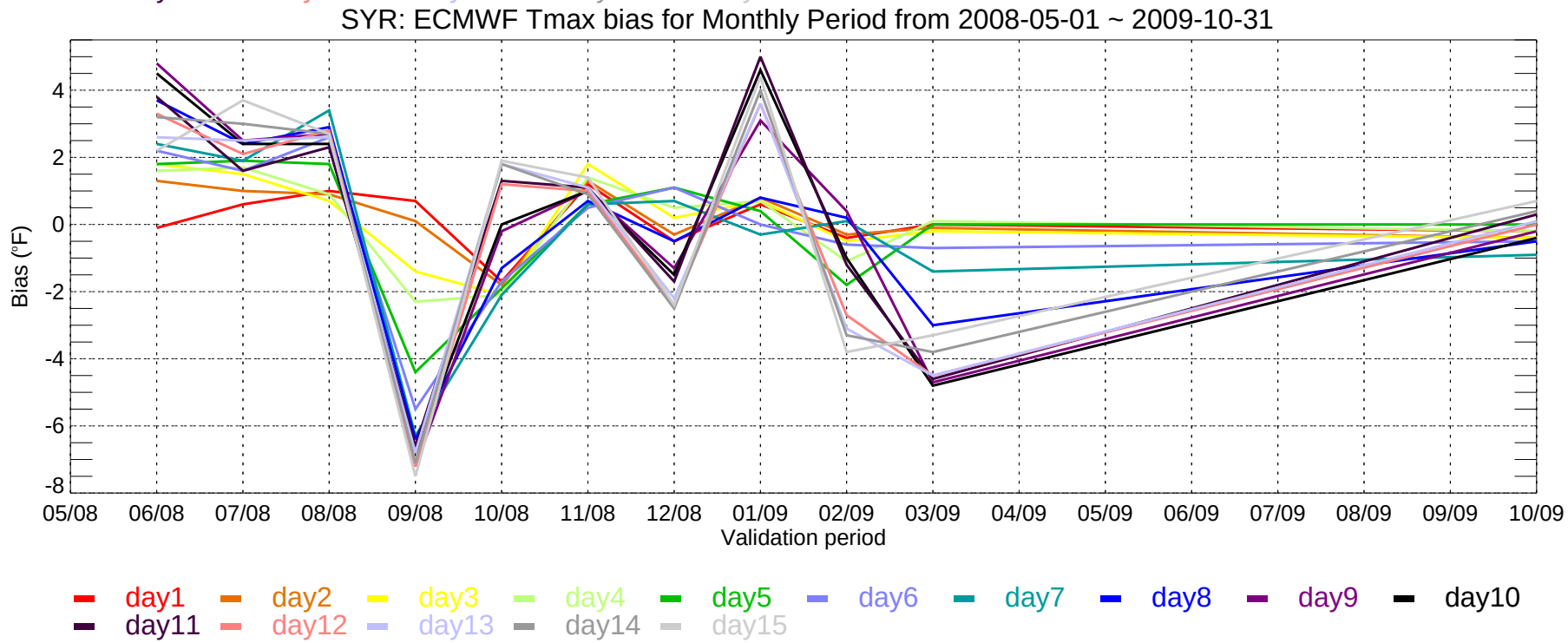
SYR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
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10/09
Validation period
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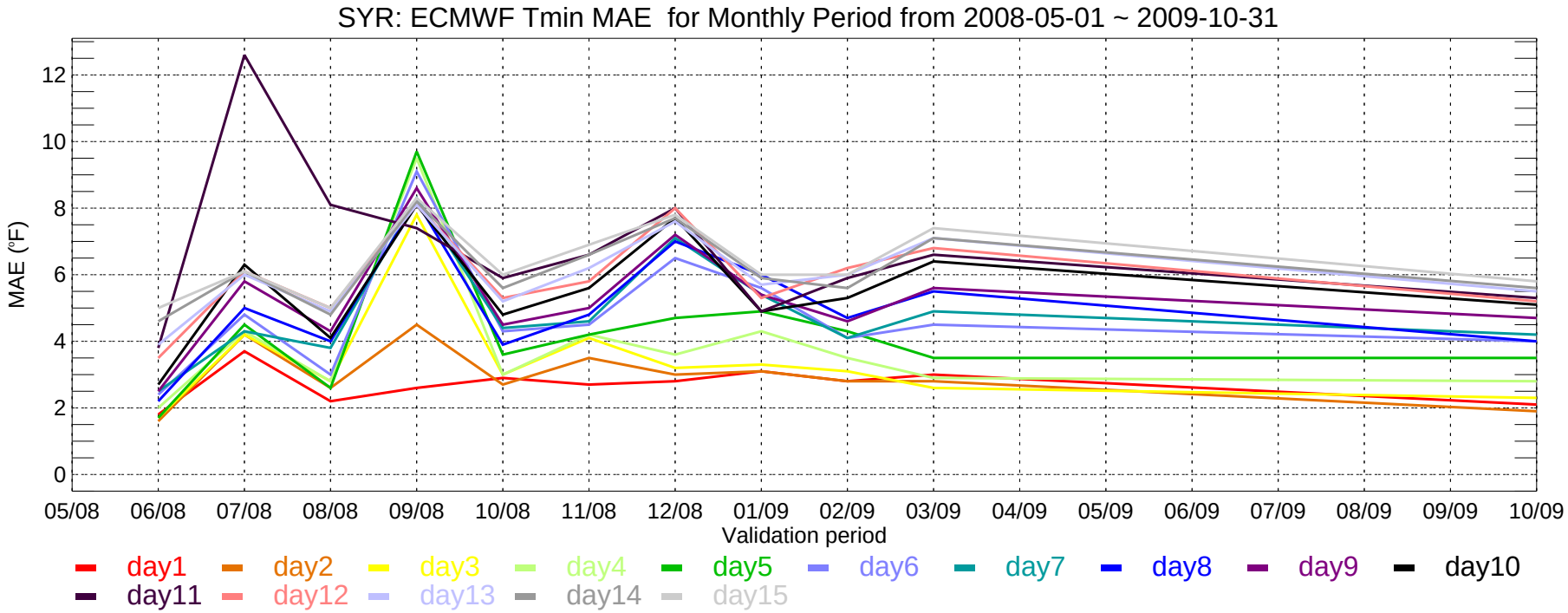
SYR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
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12
05/08
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07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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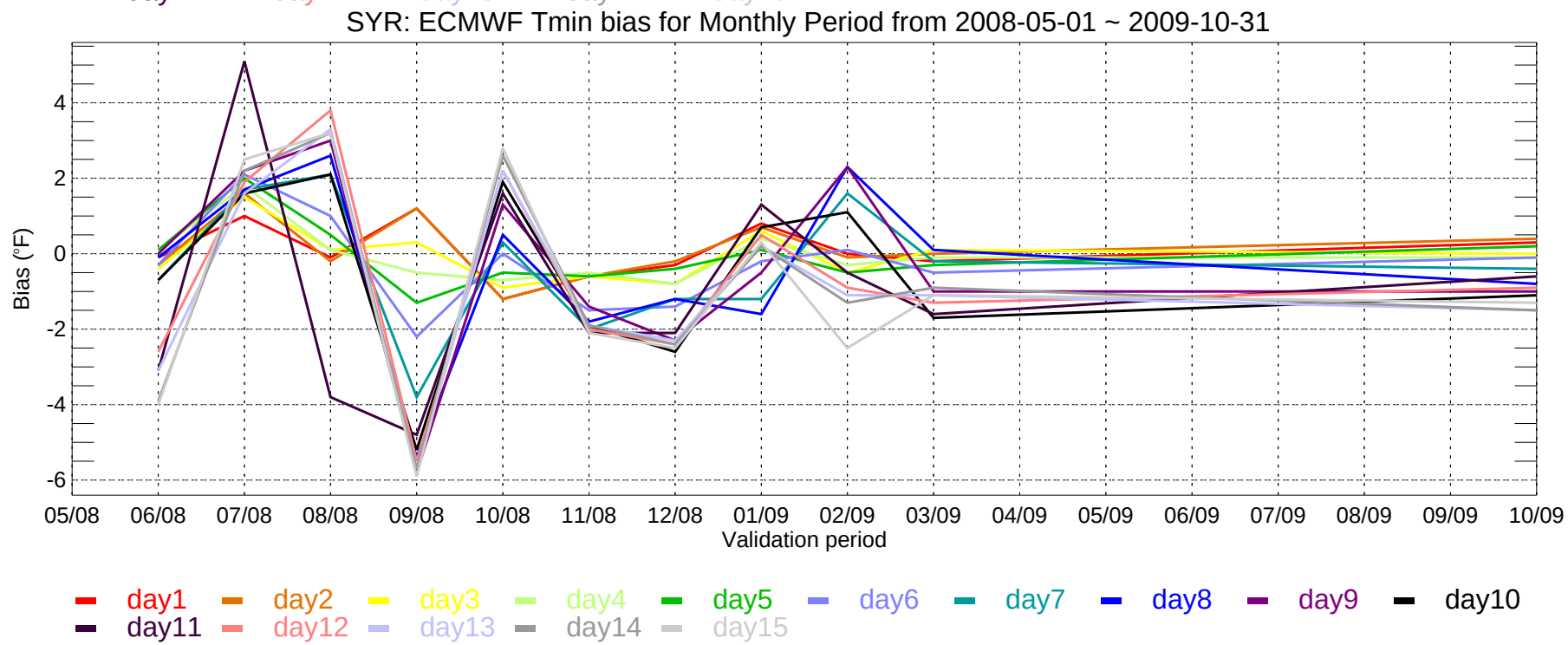
SYR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-6
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
day1
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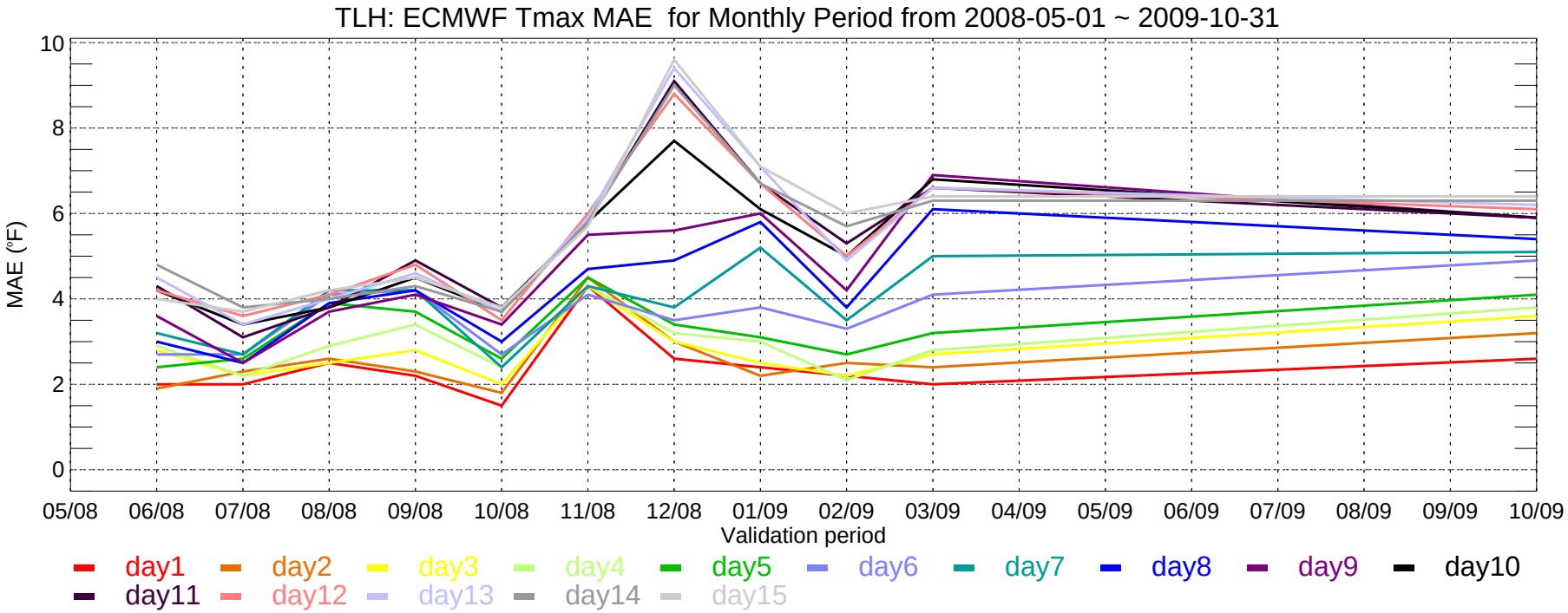
day14
day15


TLH: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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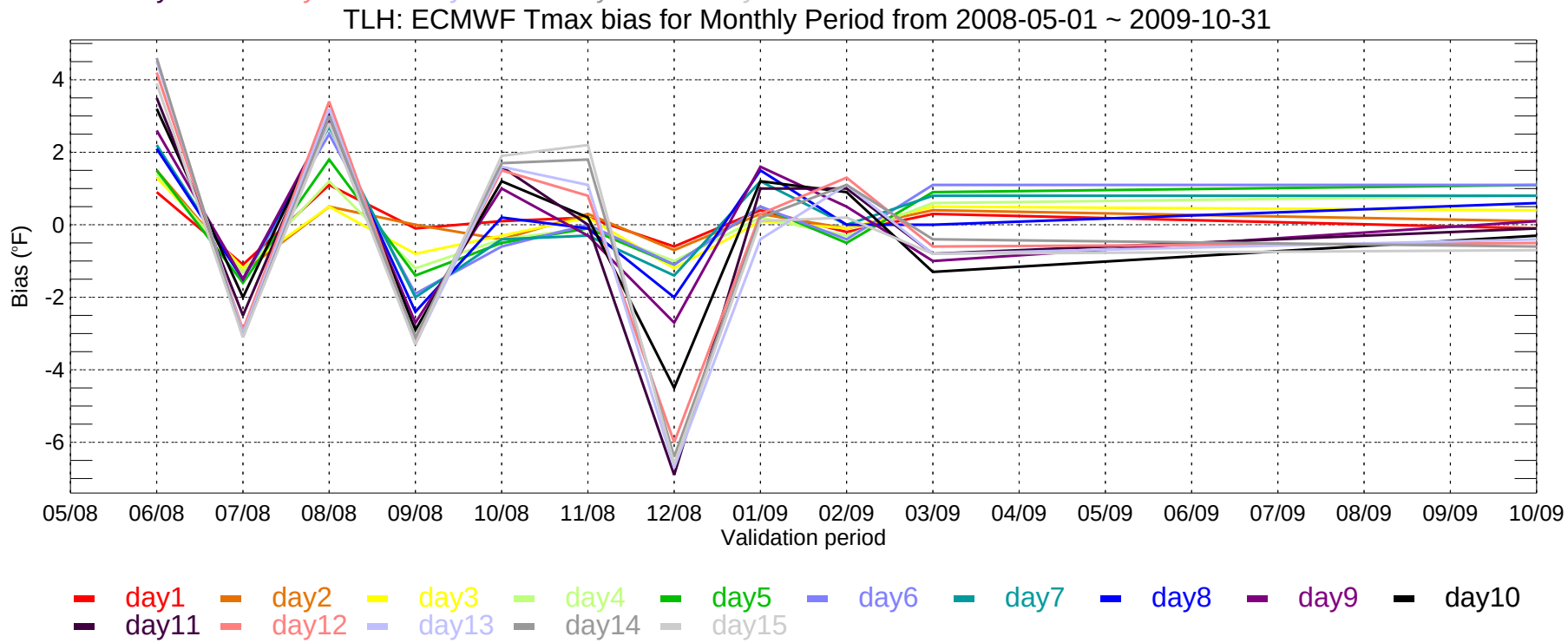
day13
day14
day15


TLH: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day7
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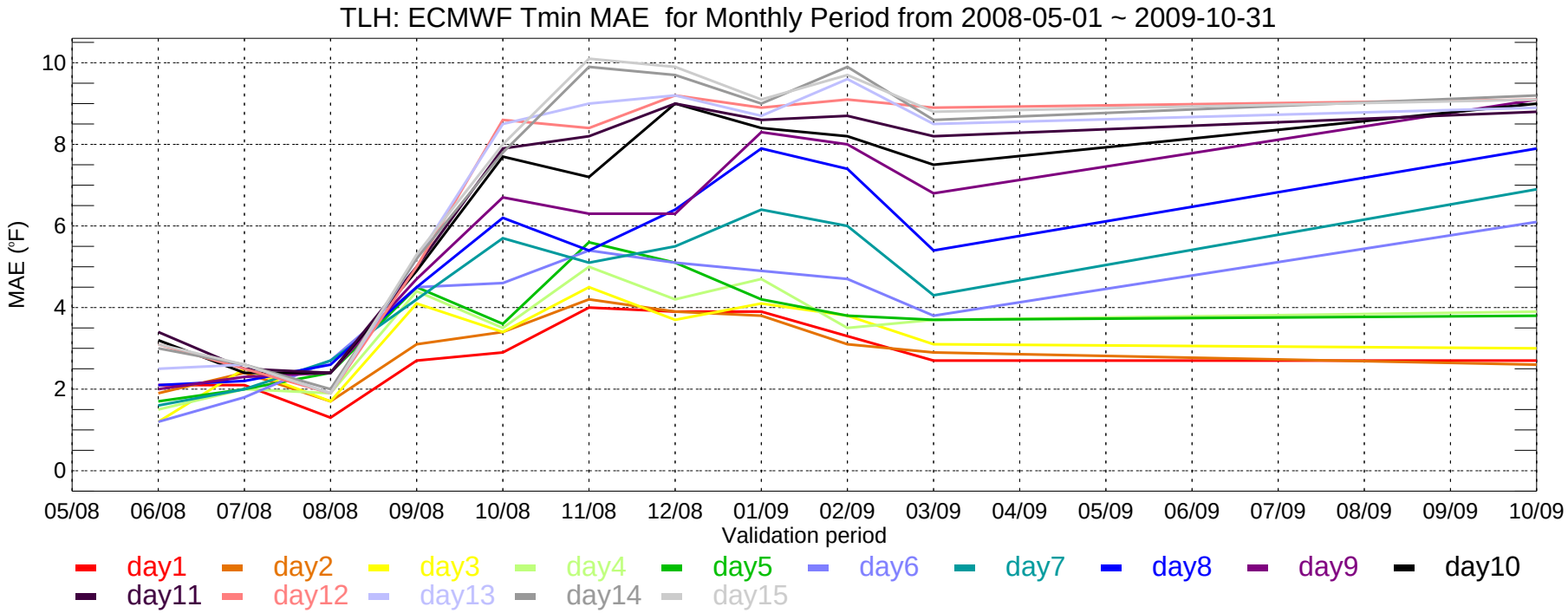
day13
day14
day15


TLH: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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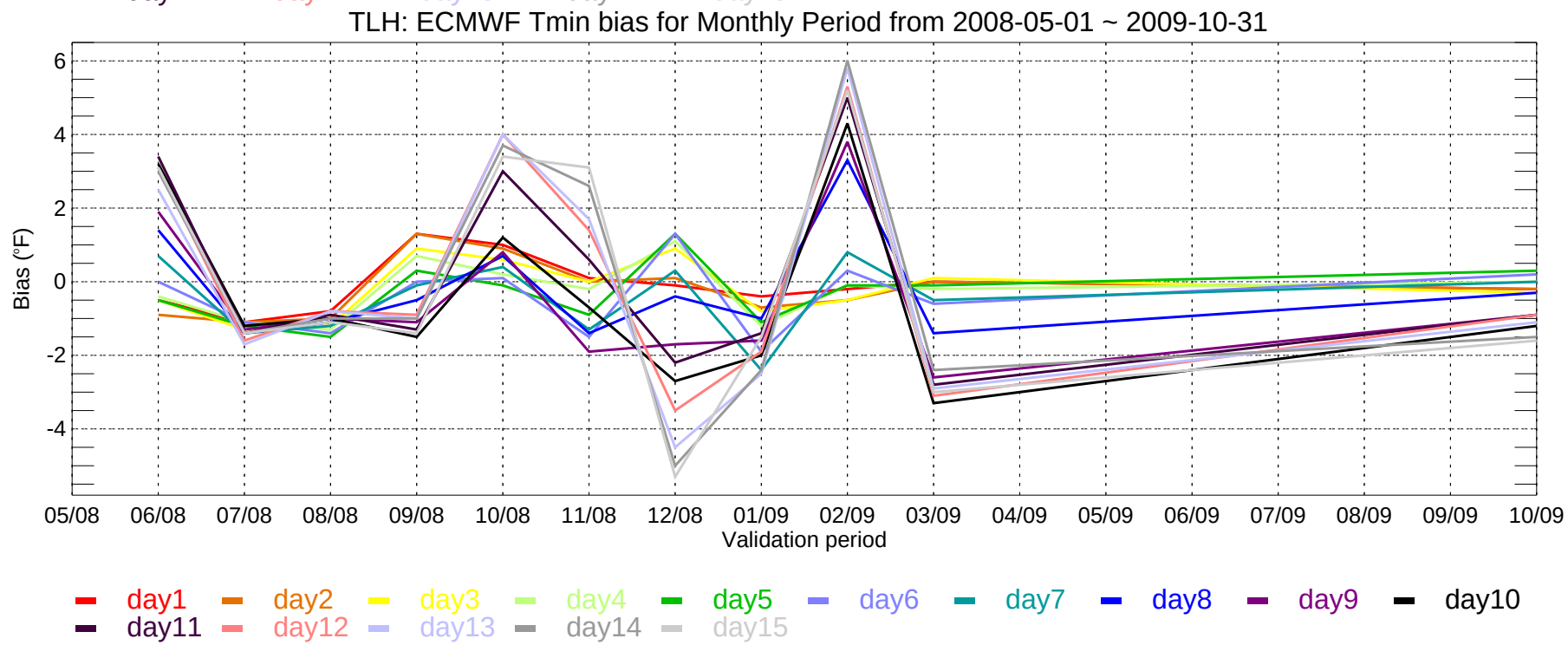
day12
day13
day14
day15


TLH: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day7
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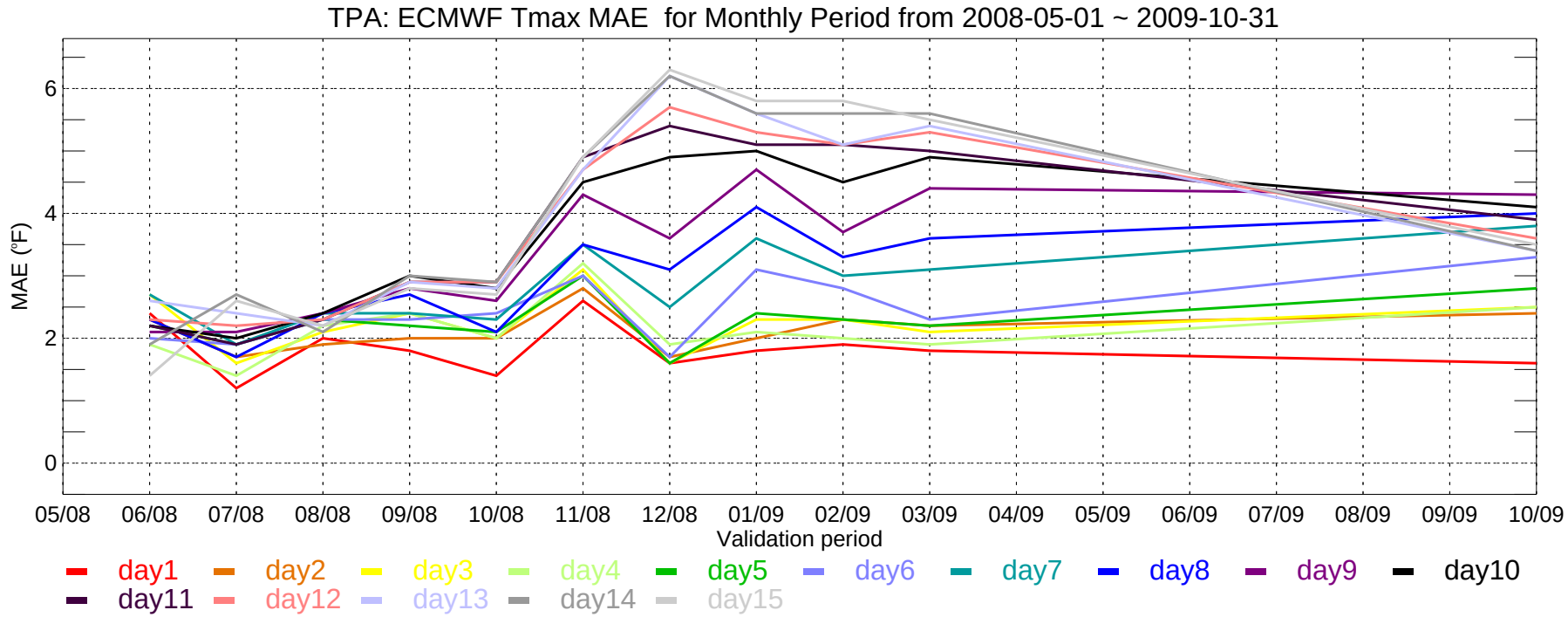
day10
day11
day12
day13
day14
day15


TPA: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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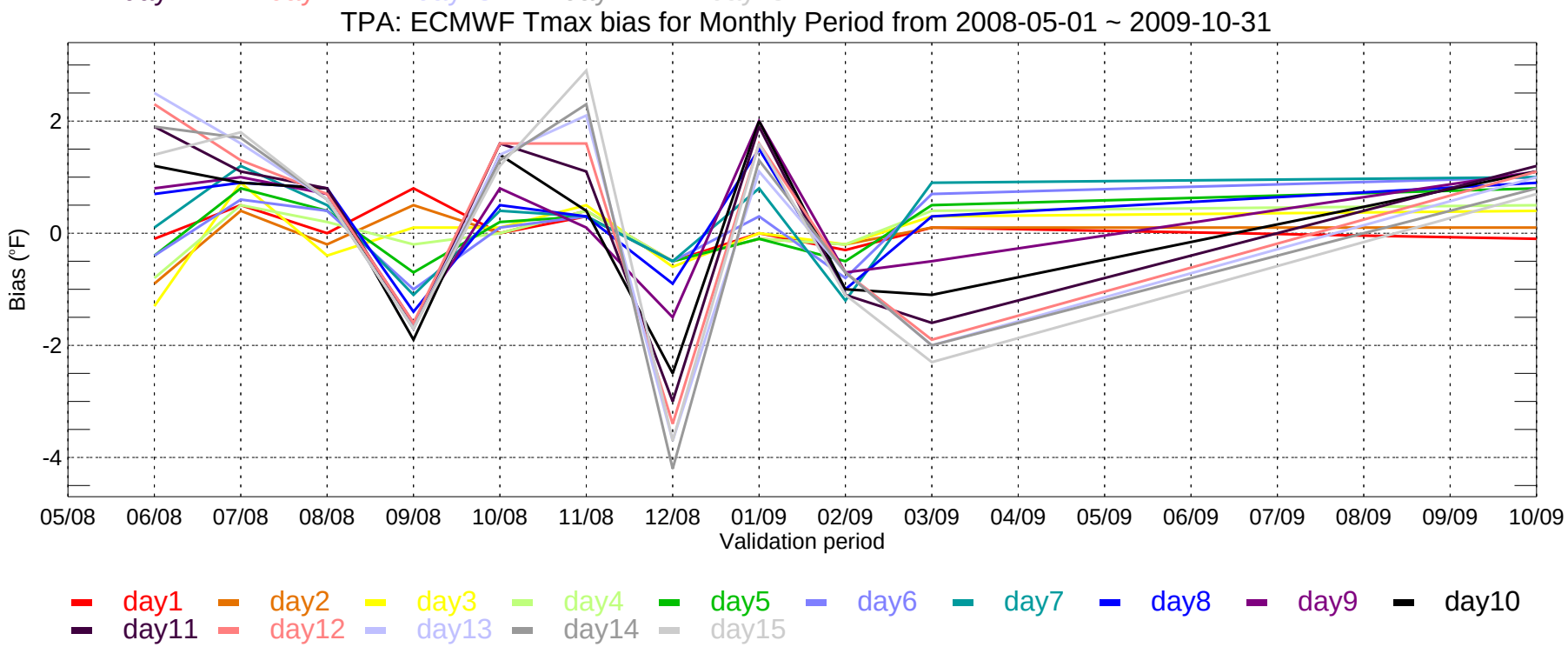
day10
day11
day12
day13
day14
day15


TPA: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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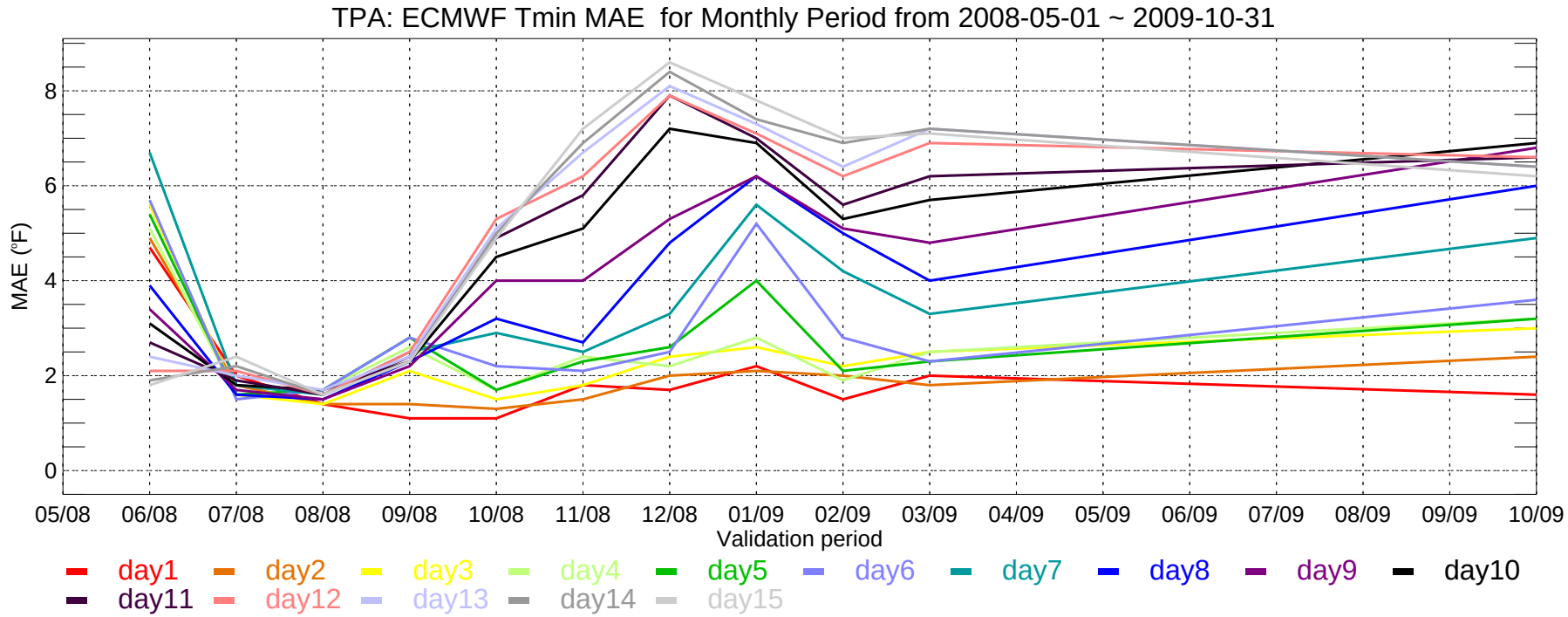
day14
day15


TPA: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
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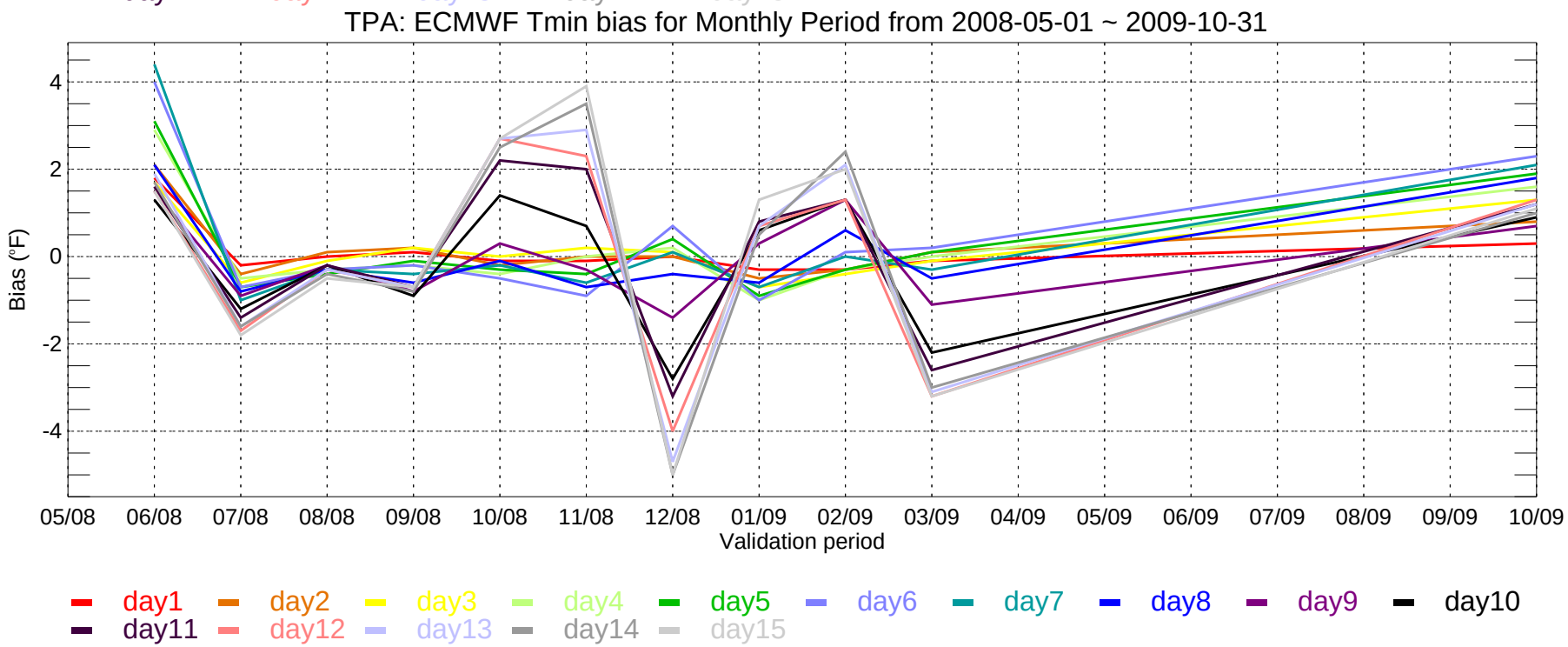
day14
day15


TPA: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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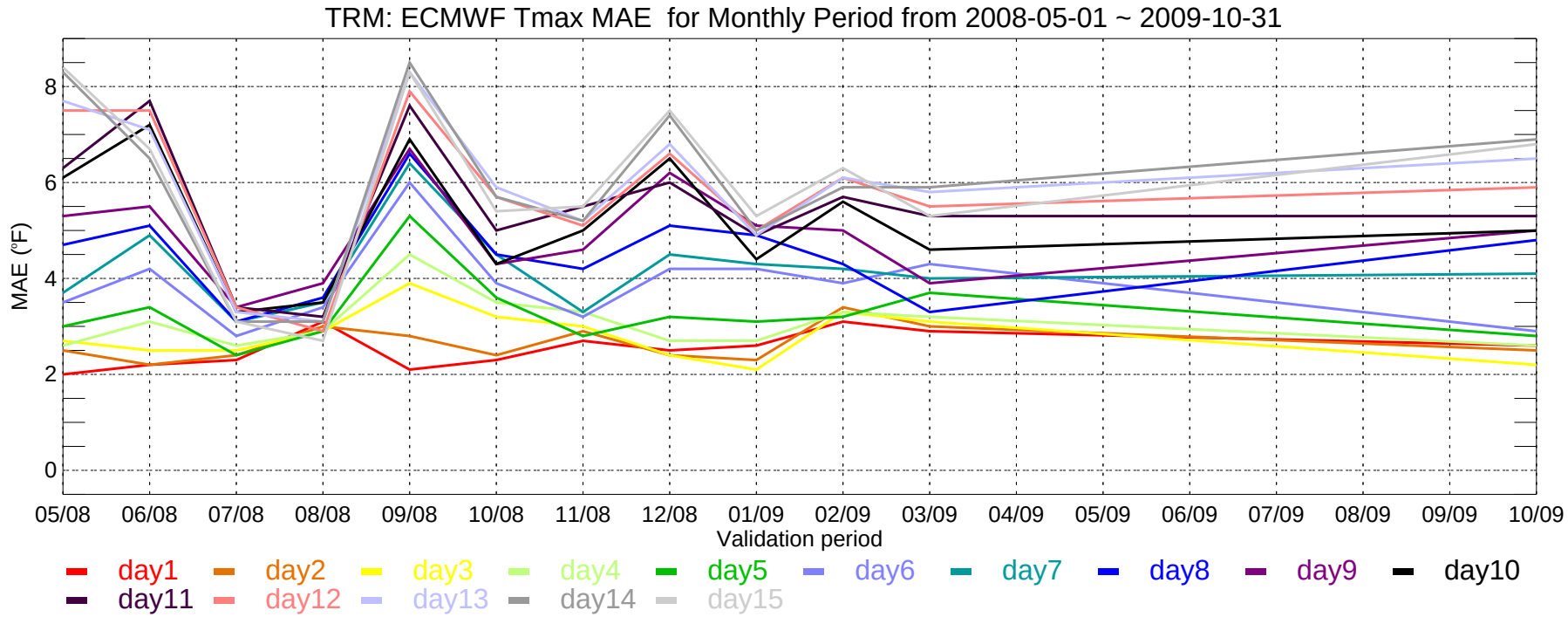
day13
day14
day15


TRM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day11
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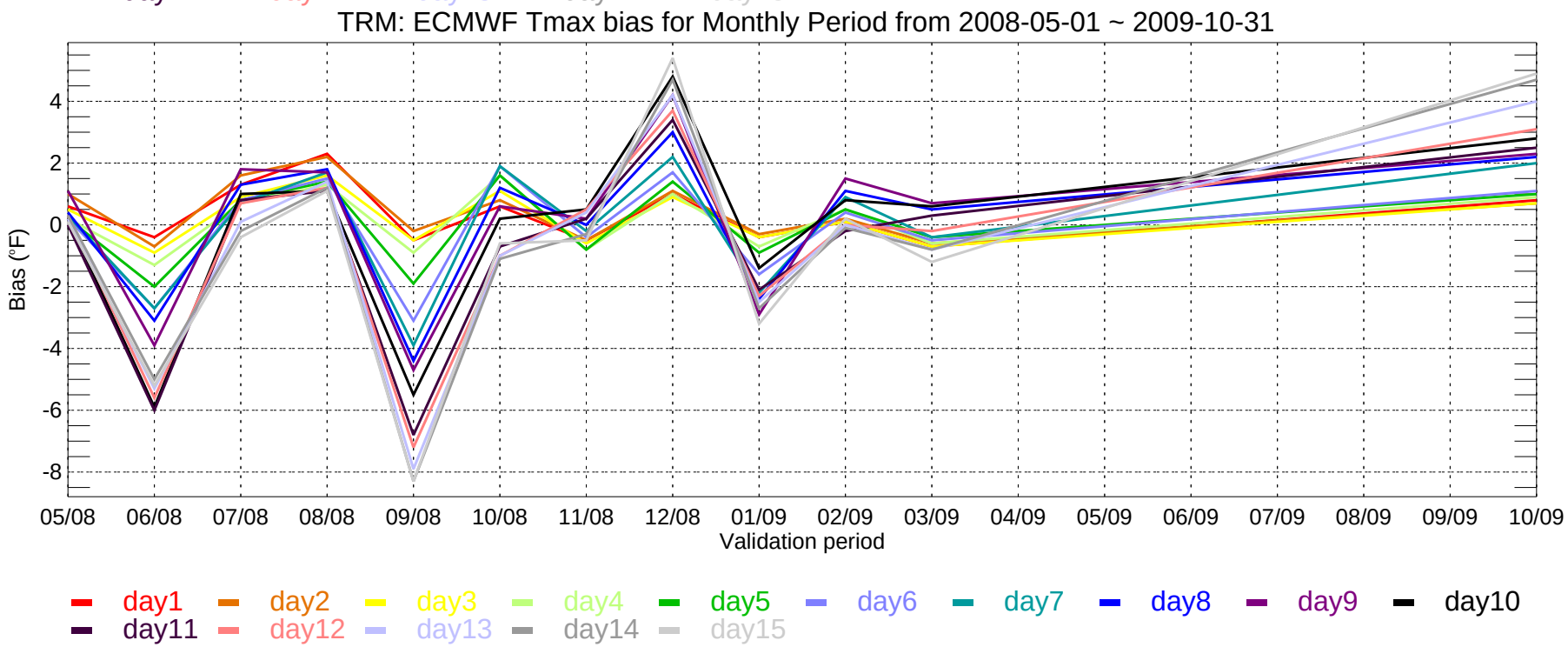
day13
day14
day15


TRM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-8
-6
-4
-2
0
2
4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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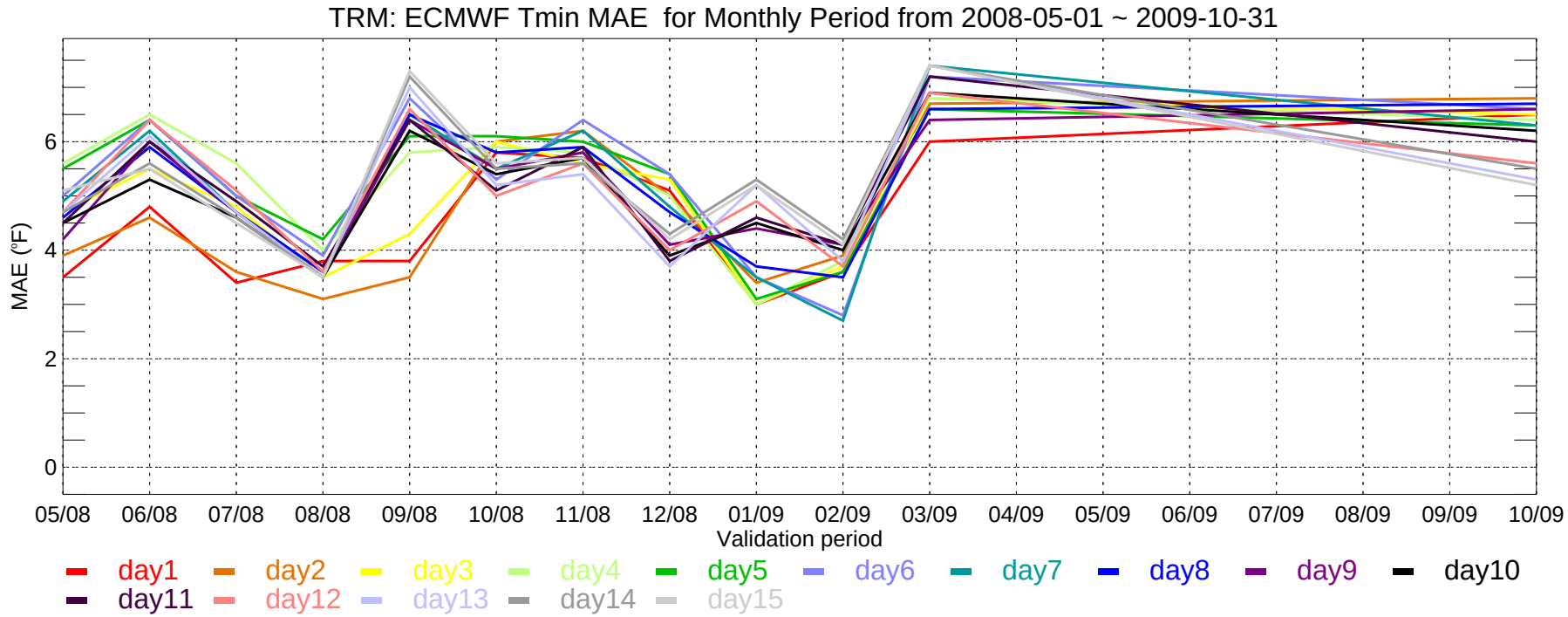
day10
day11
day12
day13
day14
day15


TRM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
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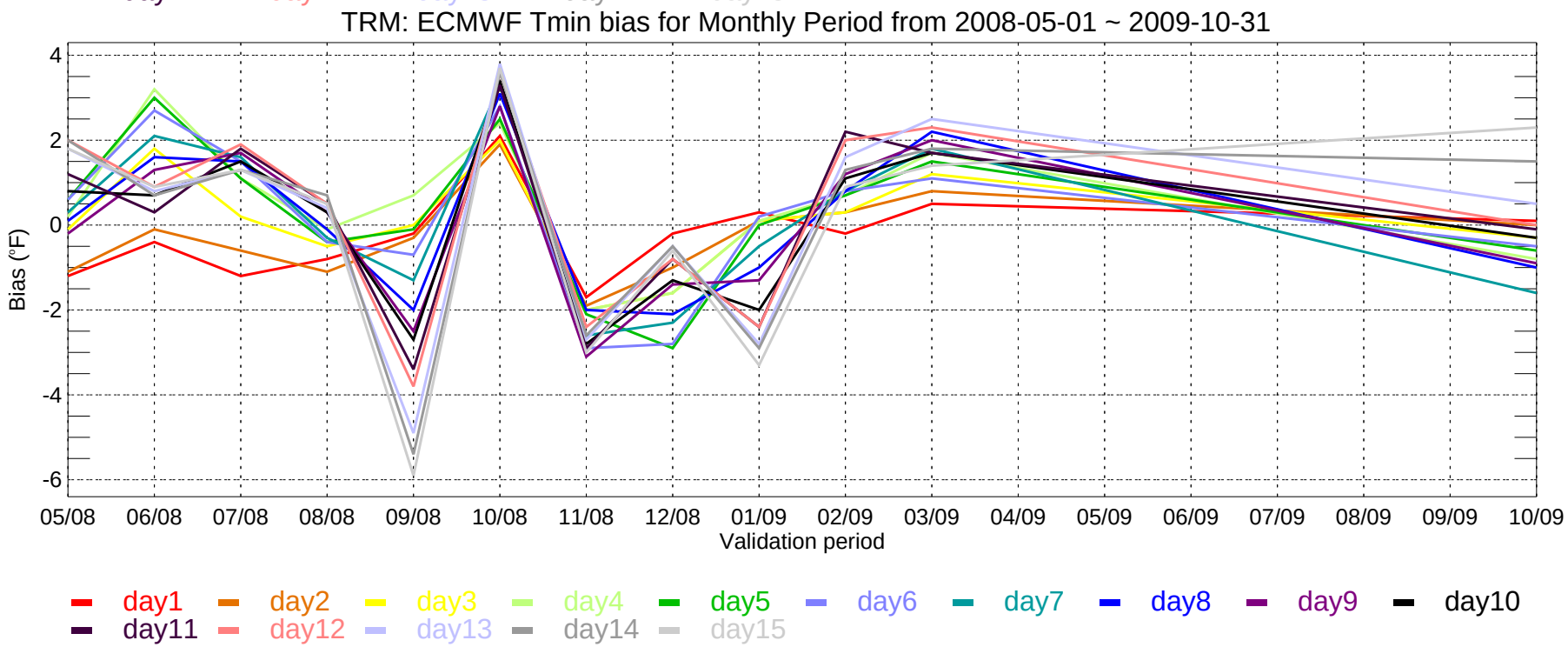
day12
day13
day14
day15


TRM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
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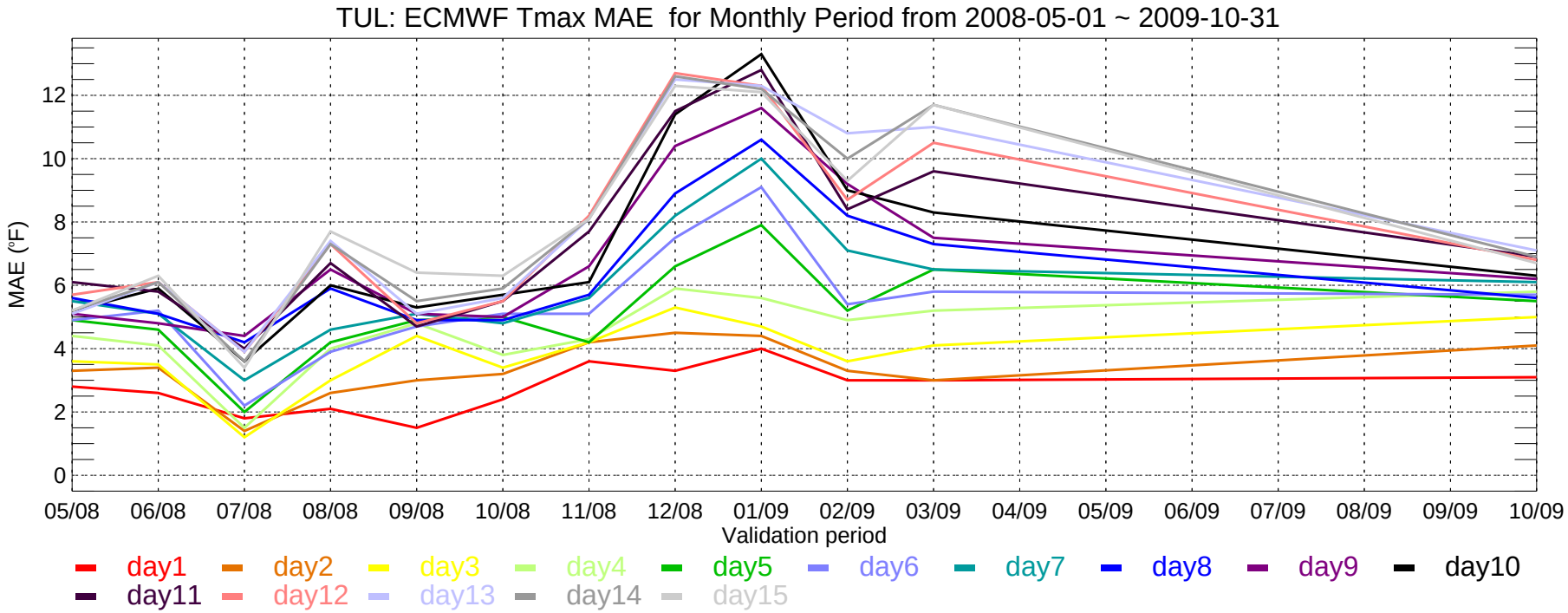
day11
day12
day13
day14
day15


TUL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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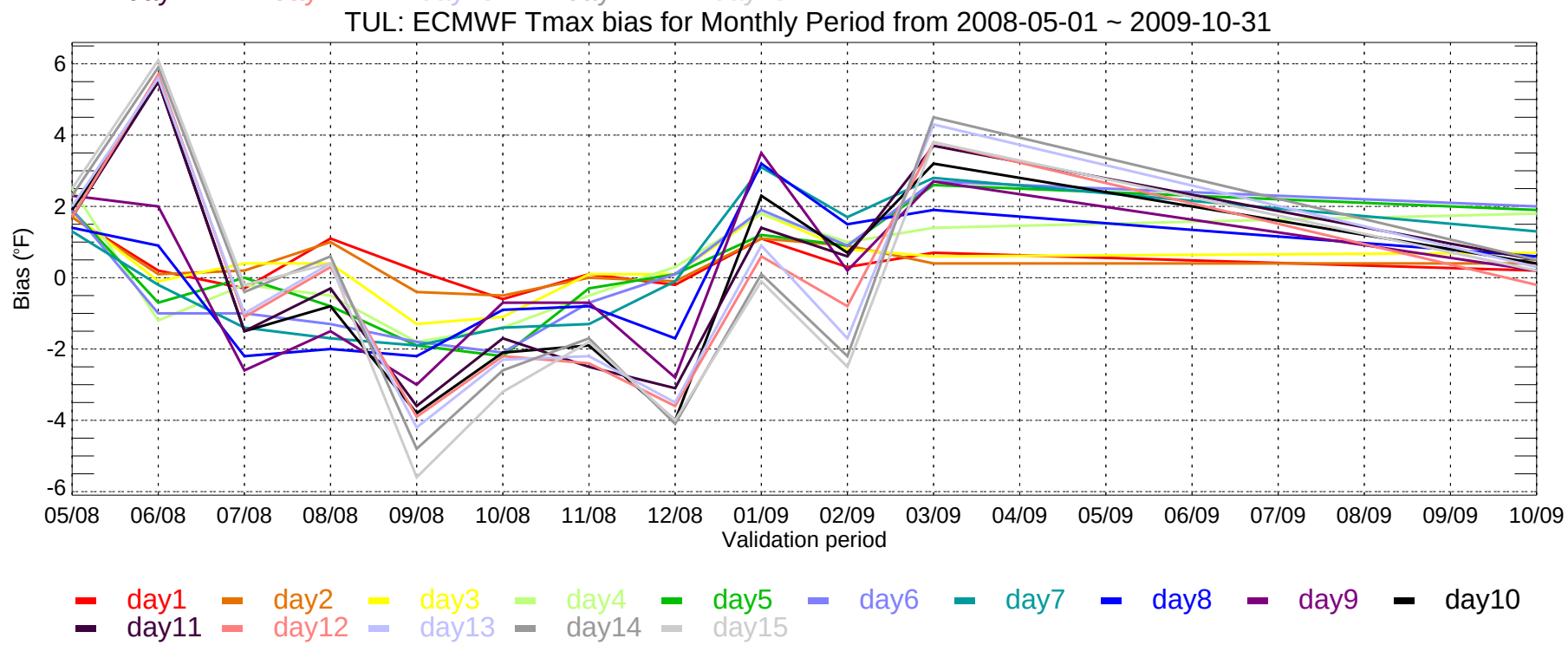
day10
day11
day12
day13
day14
day15


TUL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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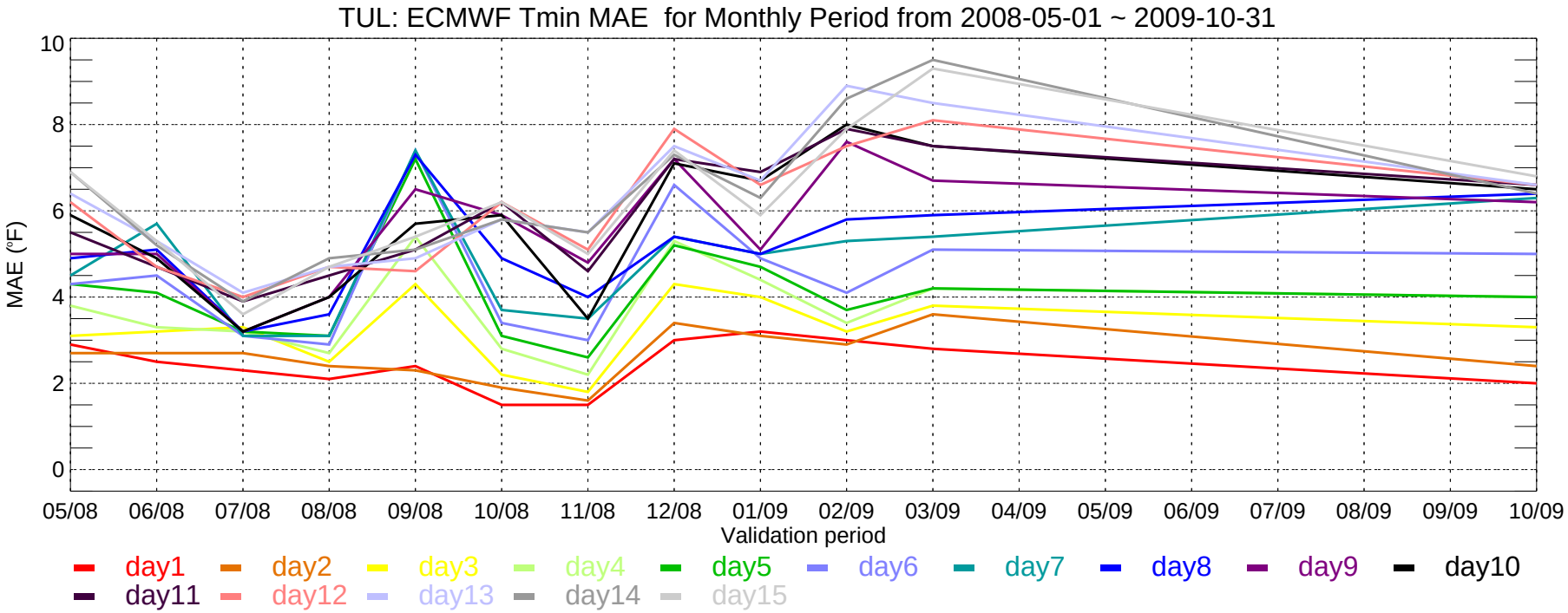
day10
day11
day12
day13
day14
day15


TUL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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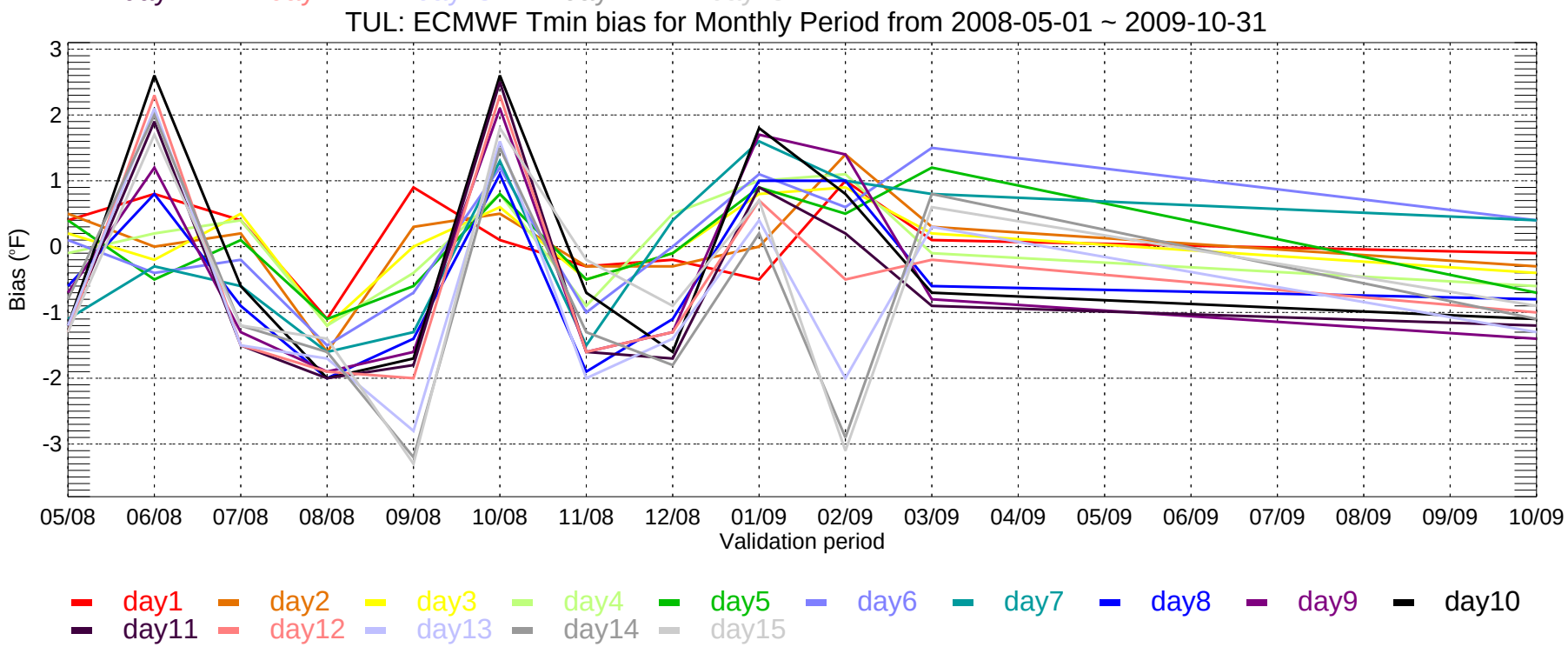
day10
day11
day12
day13
day14
day15


TUL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
3
2
1
0
-1
-2
-3
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
day8
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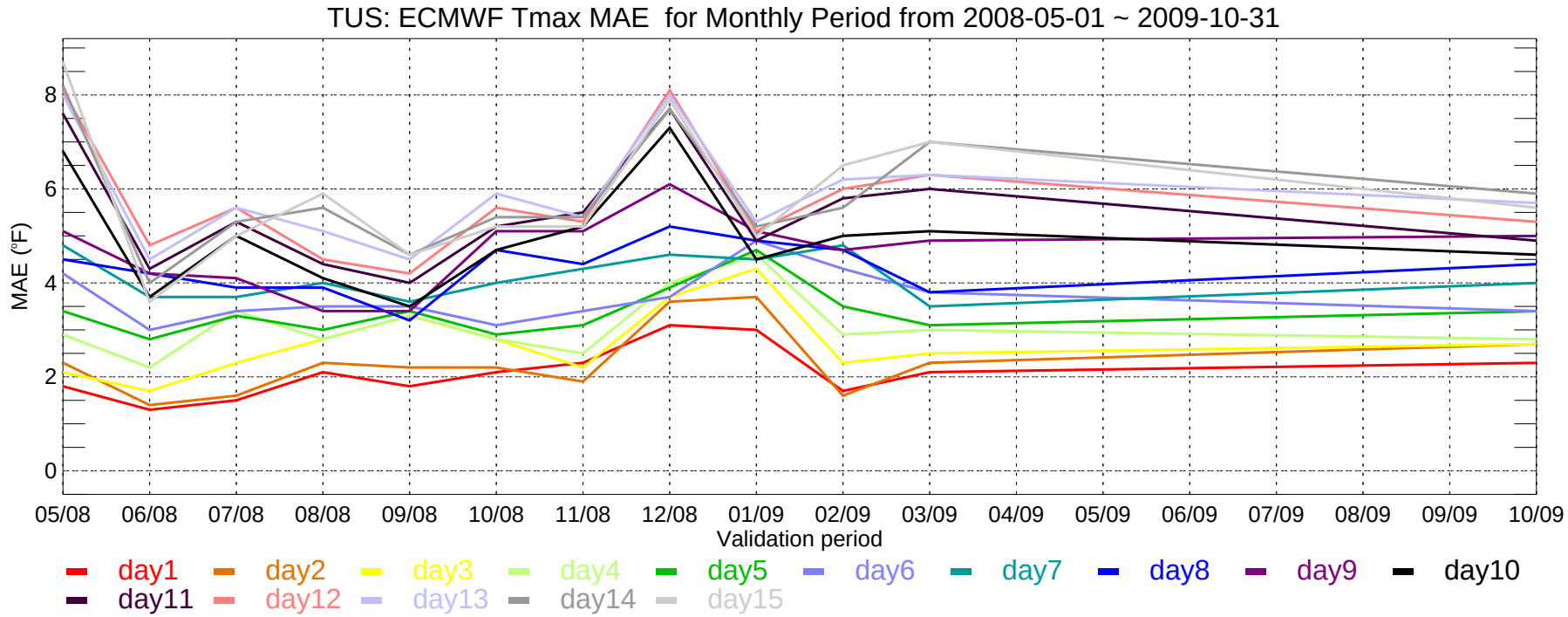
day13
day14
day15


TUS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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day7
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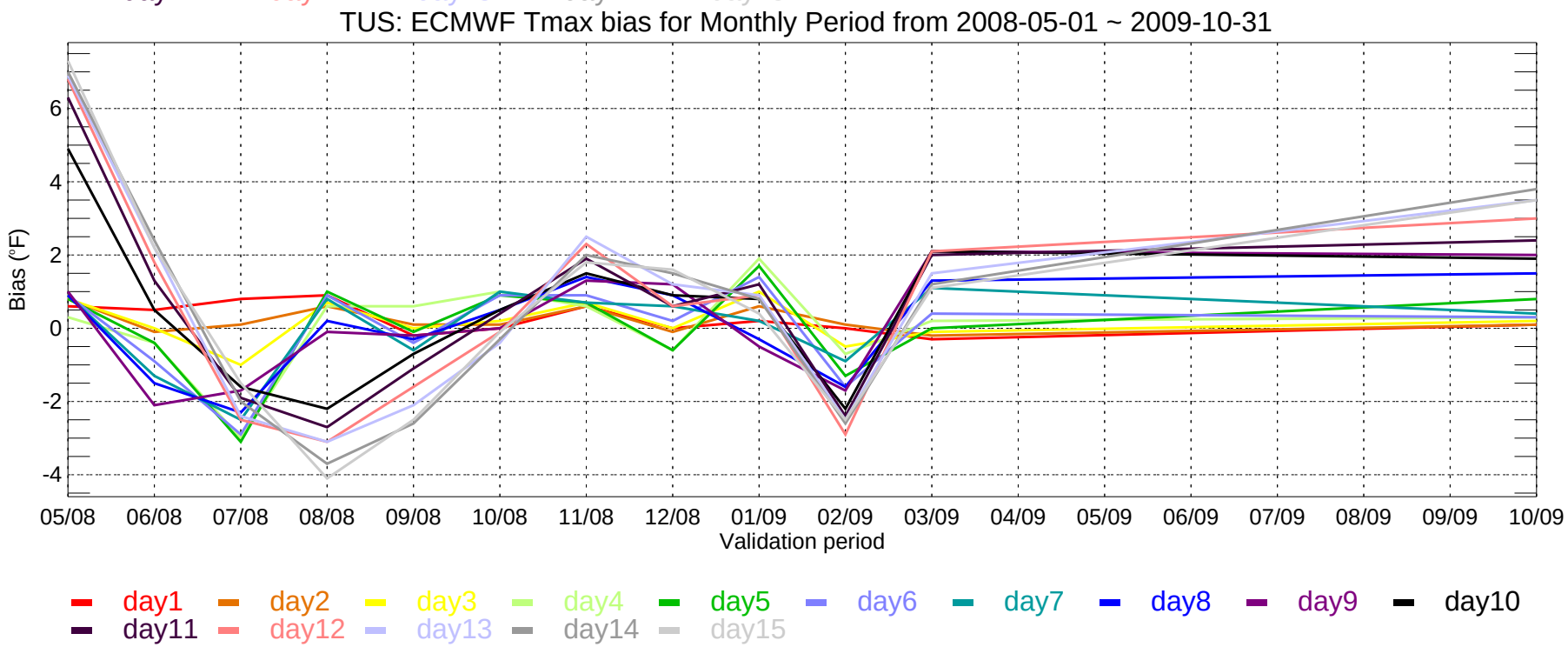
day13
day14
day15


TUS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-4
-2
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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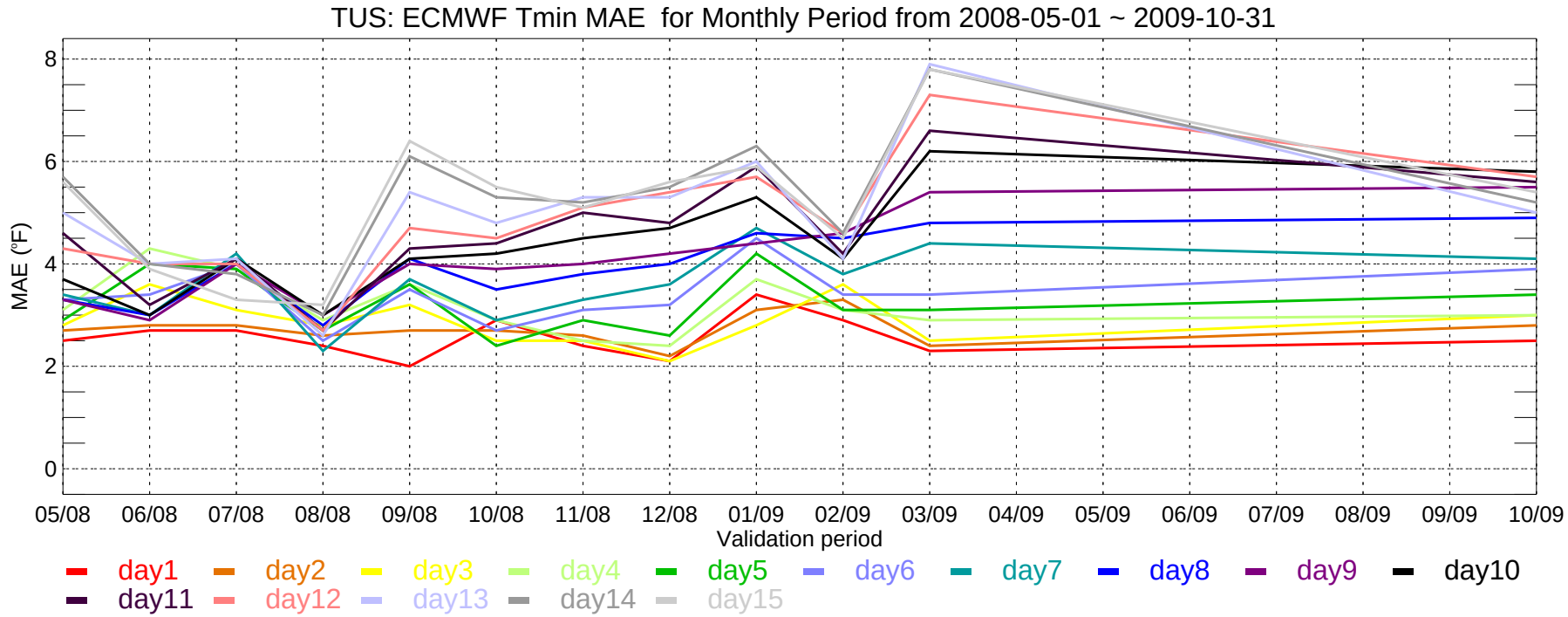
day13
day14
day15


TUS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
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08/09
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10/09
Validation period
day1
day2
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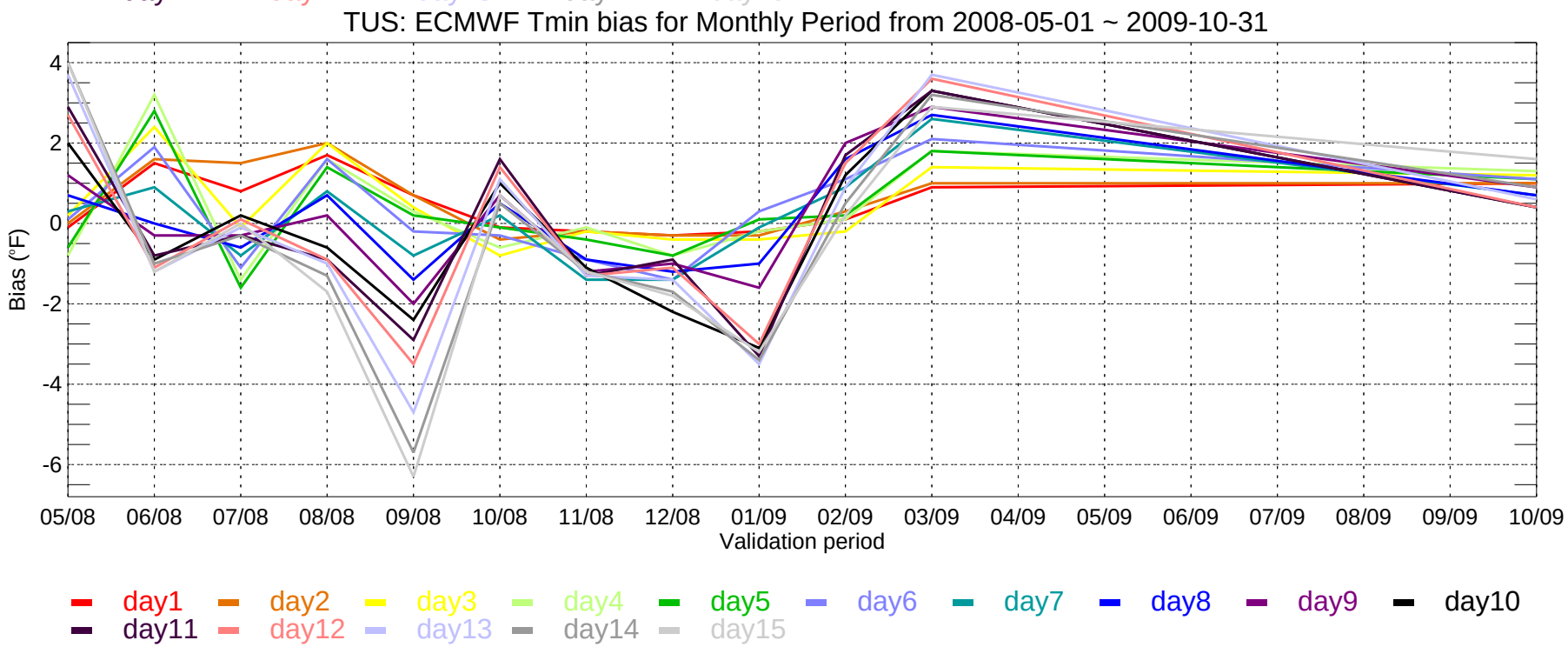
day14
day15


TUS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
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10/09
Validation period
day1
day2
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day4
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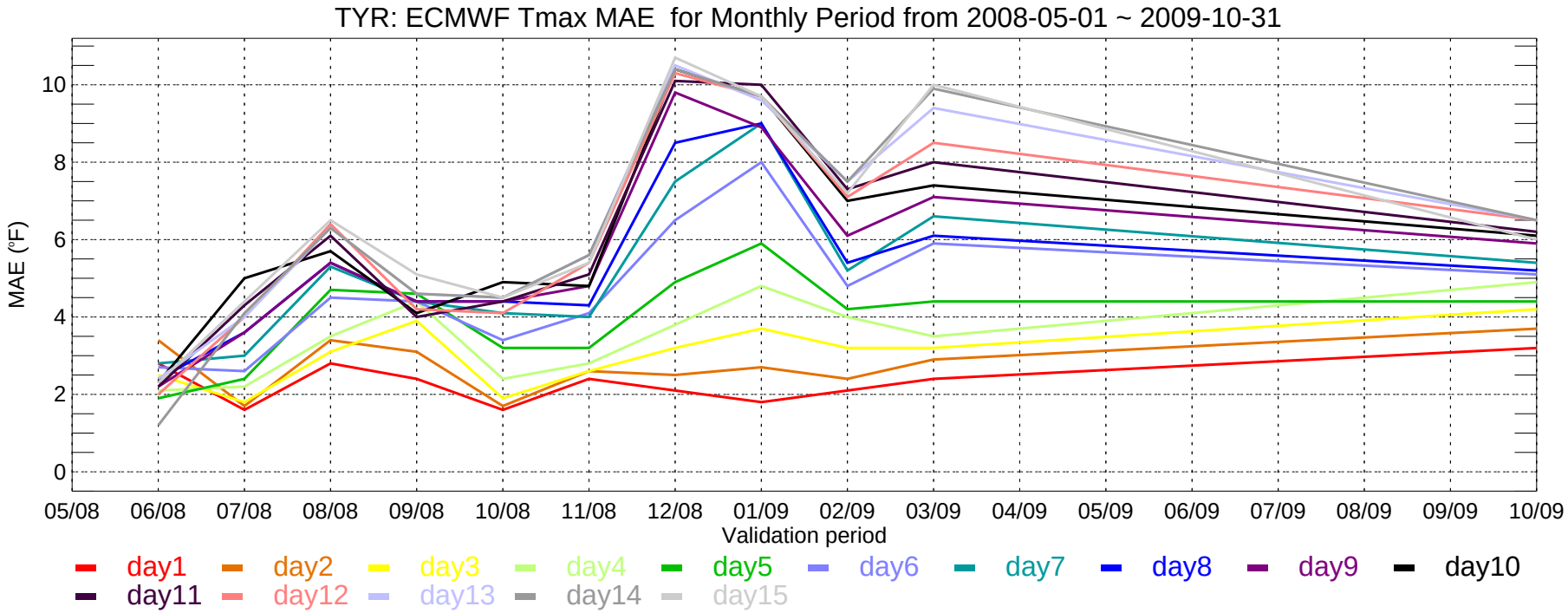
day14
day15


TYR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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day4
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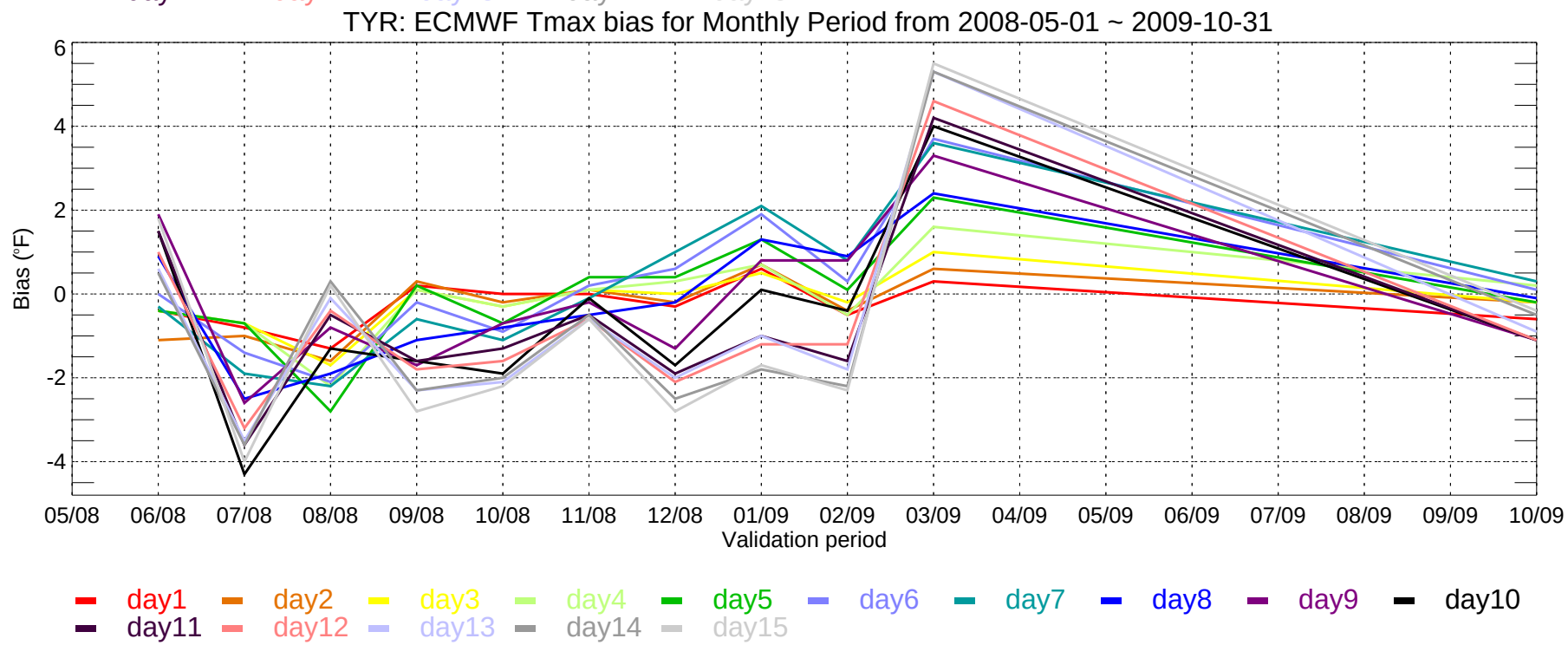
day13
day14
day15


TYR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day4
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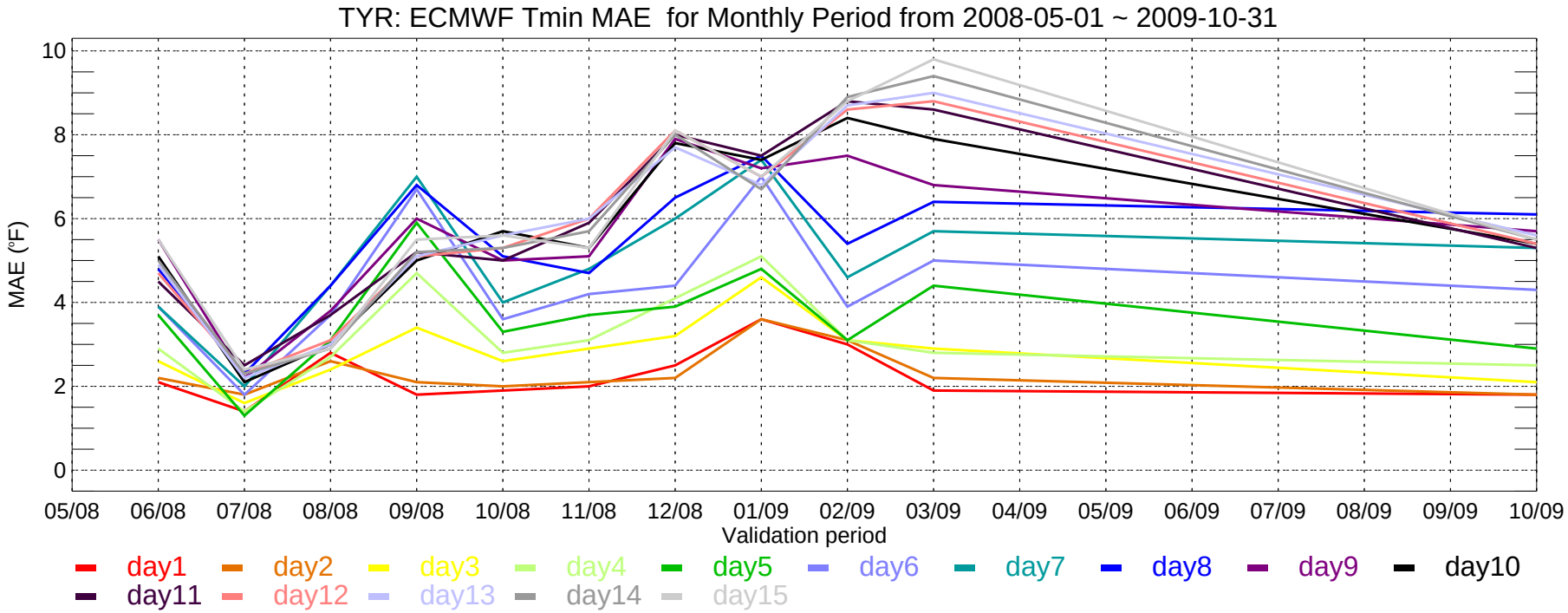
day13
day14
day15


TYR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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day4
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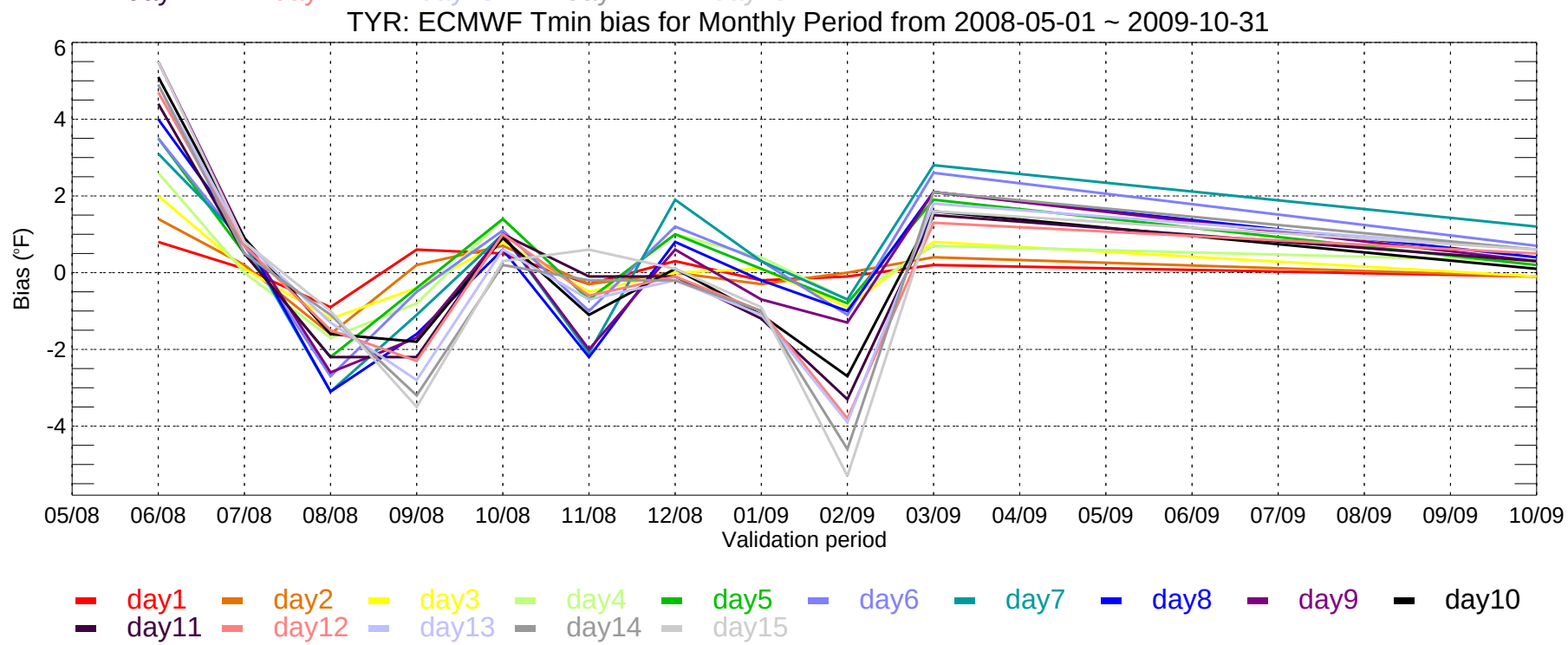
day14
day15


TYR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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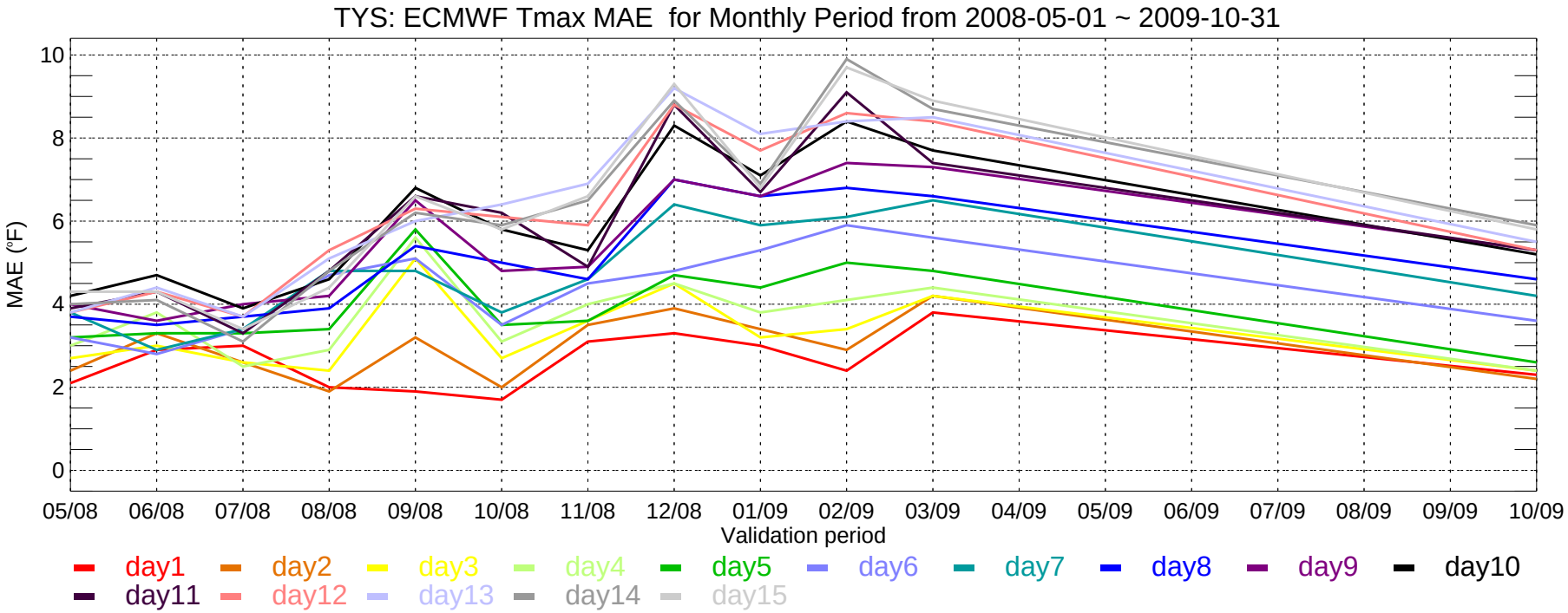
day13
day14
day15


TYS: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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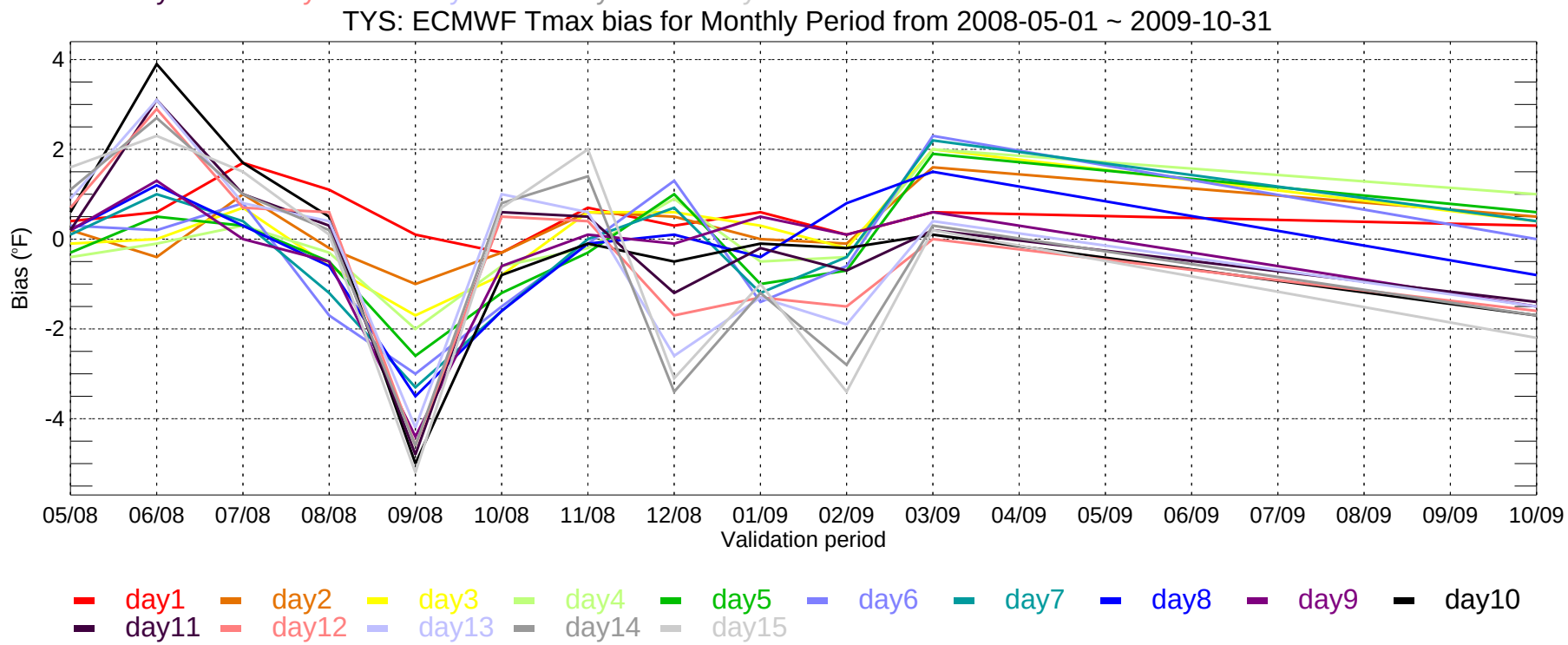
day14
day15


TYS: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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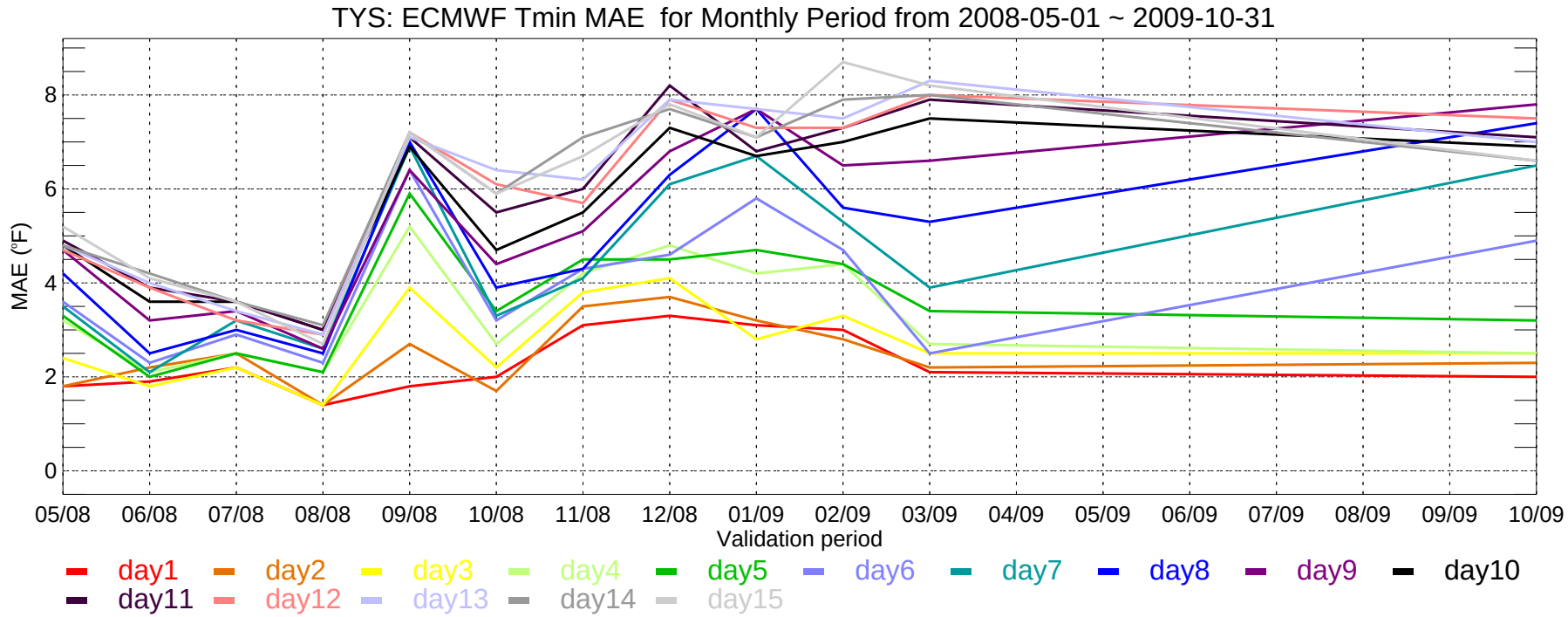
day13
day14
day15


TYS: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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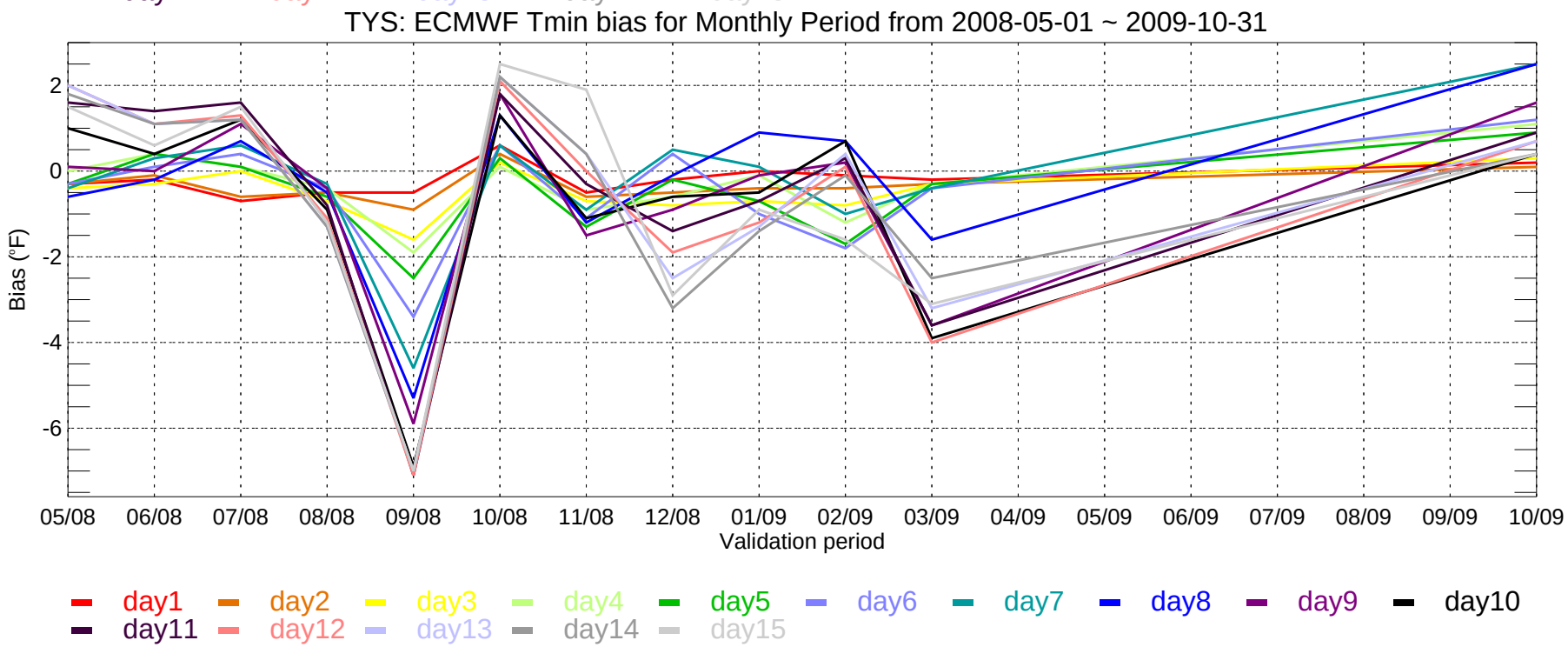
day12
day13
day14
day15


TYS: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
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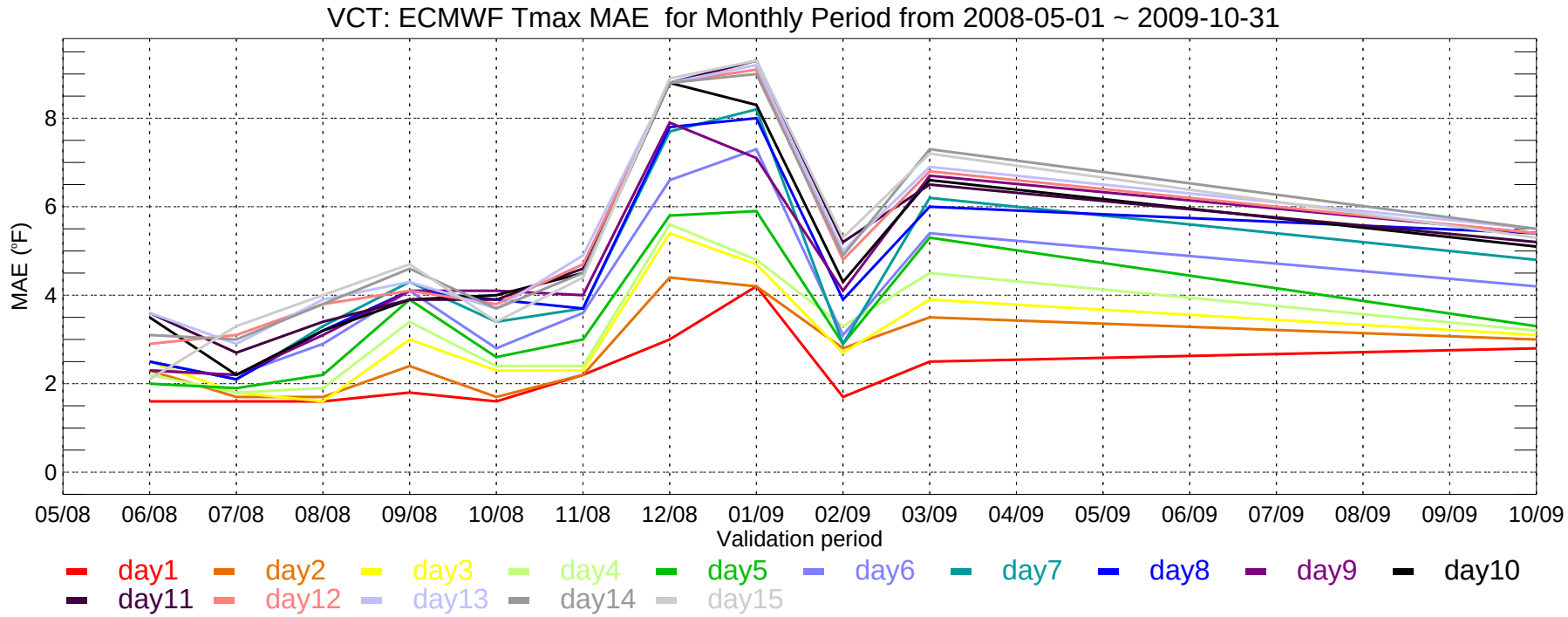
day13
day14
day15


VCT: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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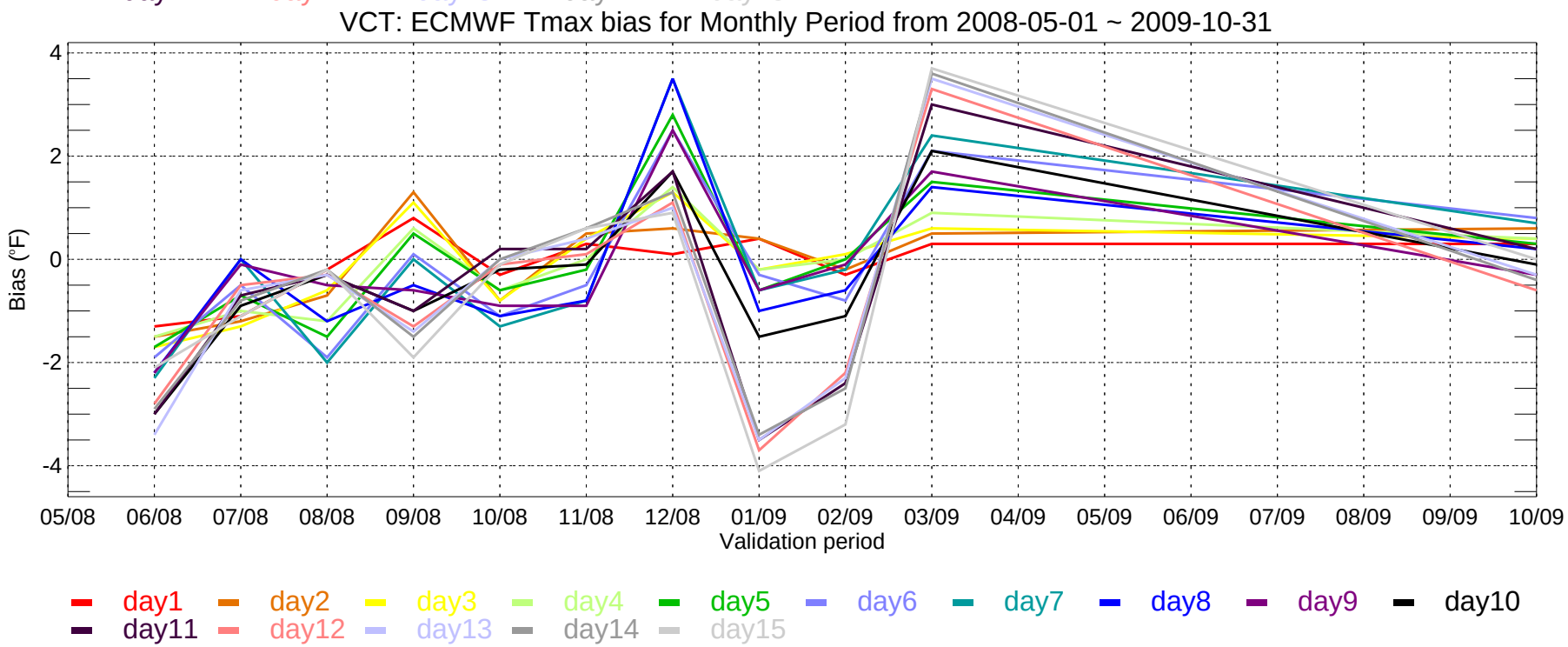
day15


VCT: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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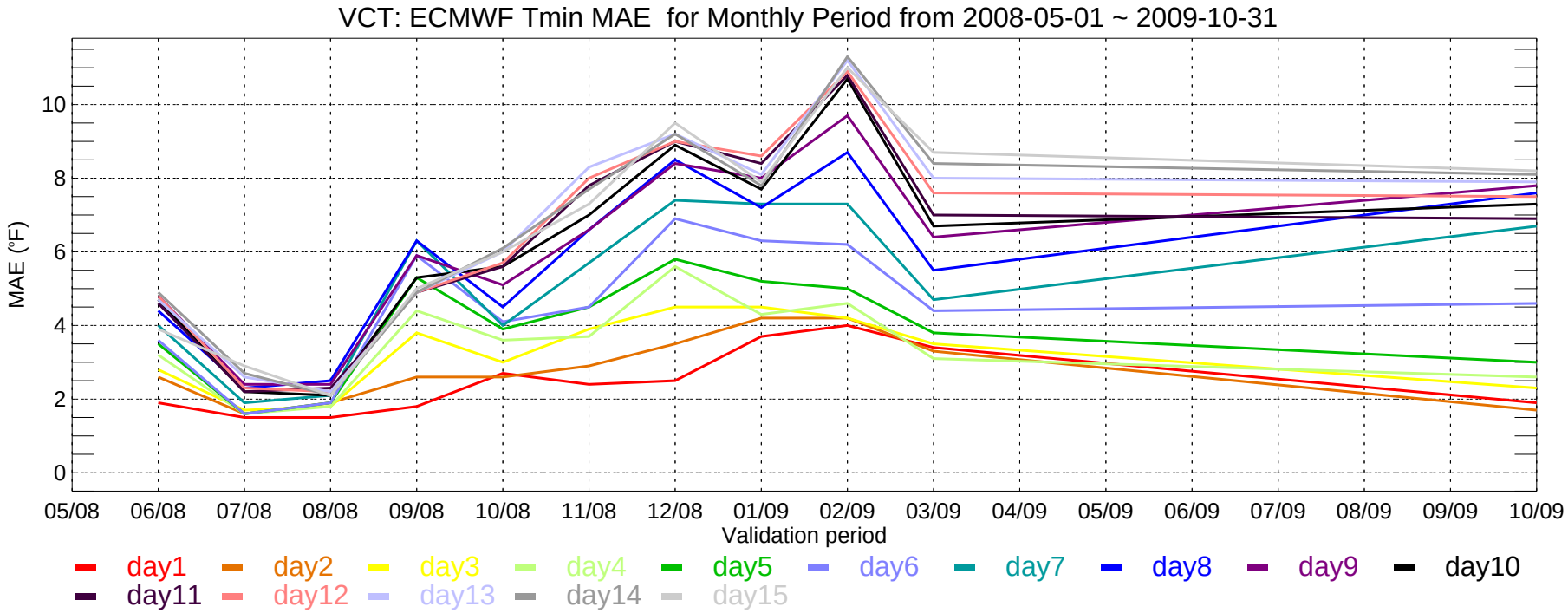
day15


VCT: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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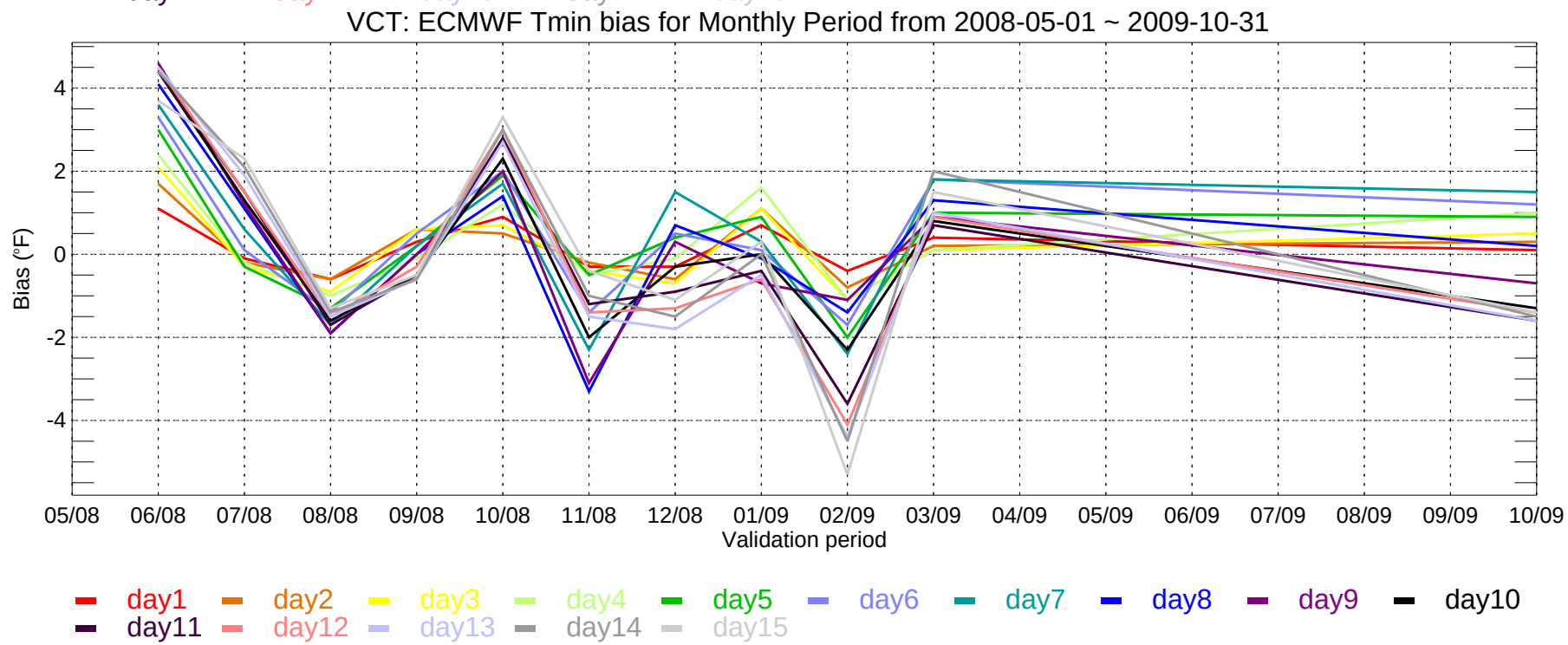
day14
day15


VCT: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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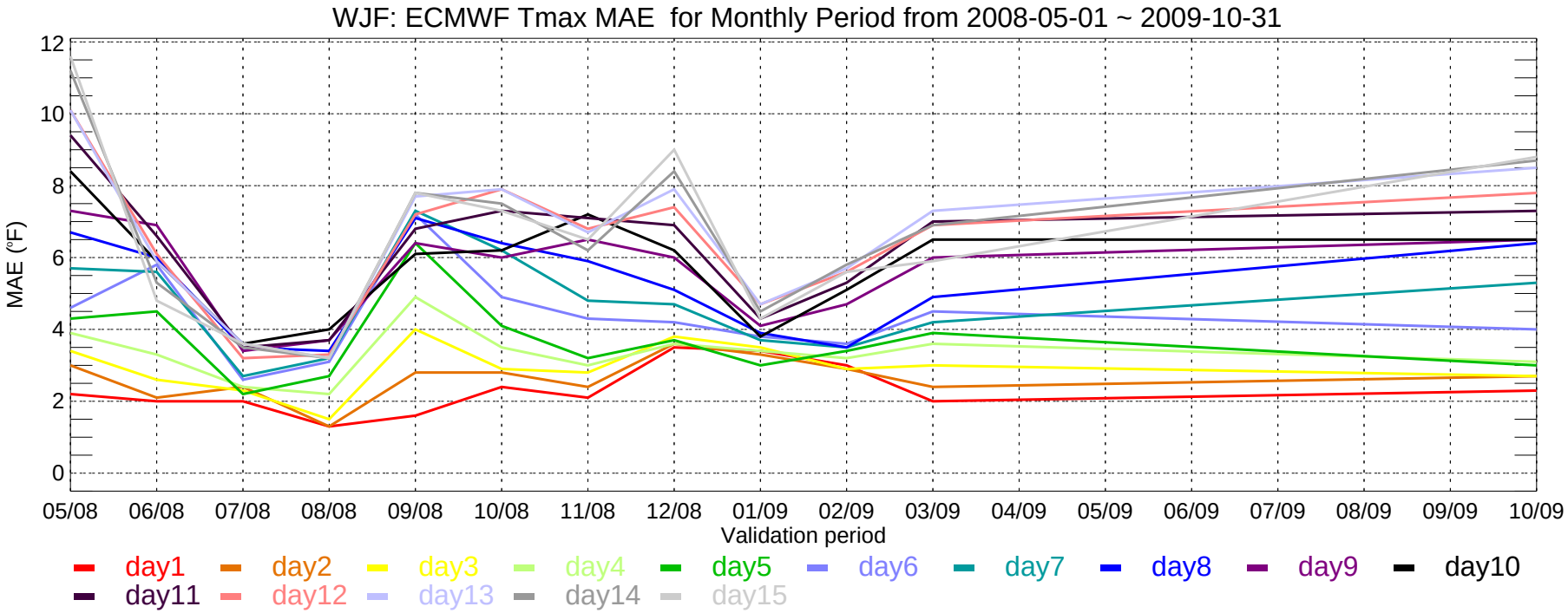
day15


WJF: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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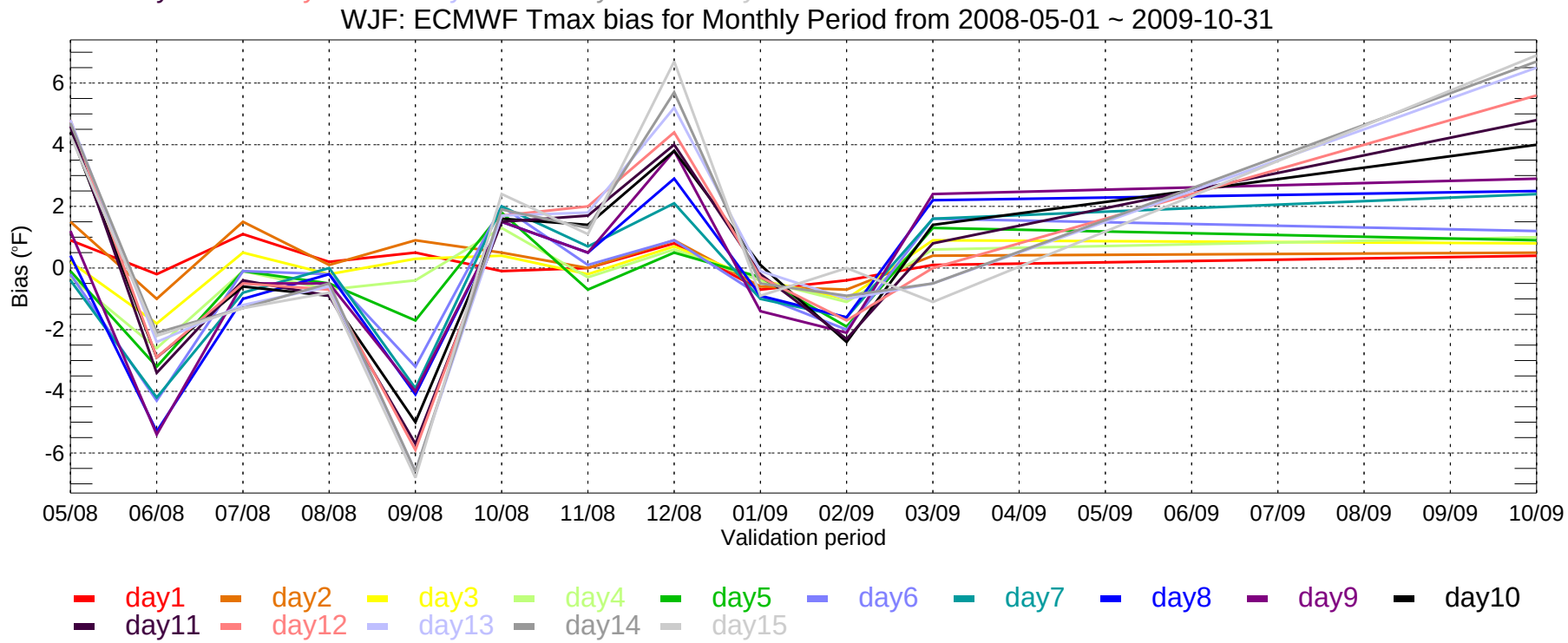
day15


WJF: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
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day8
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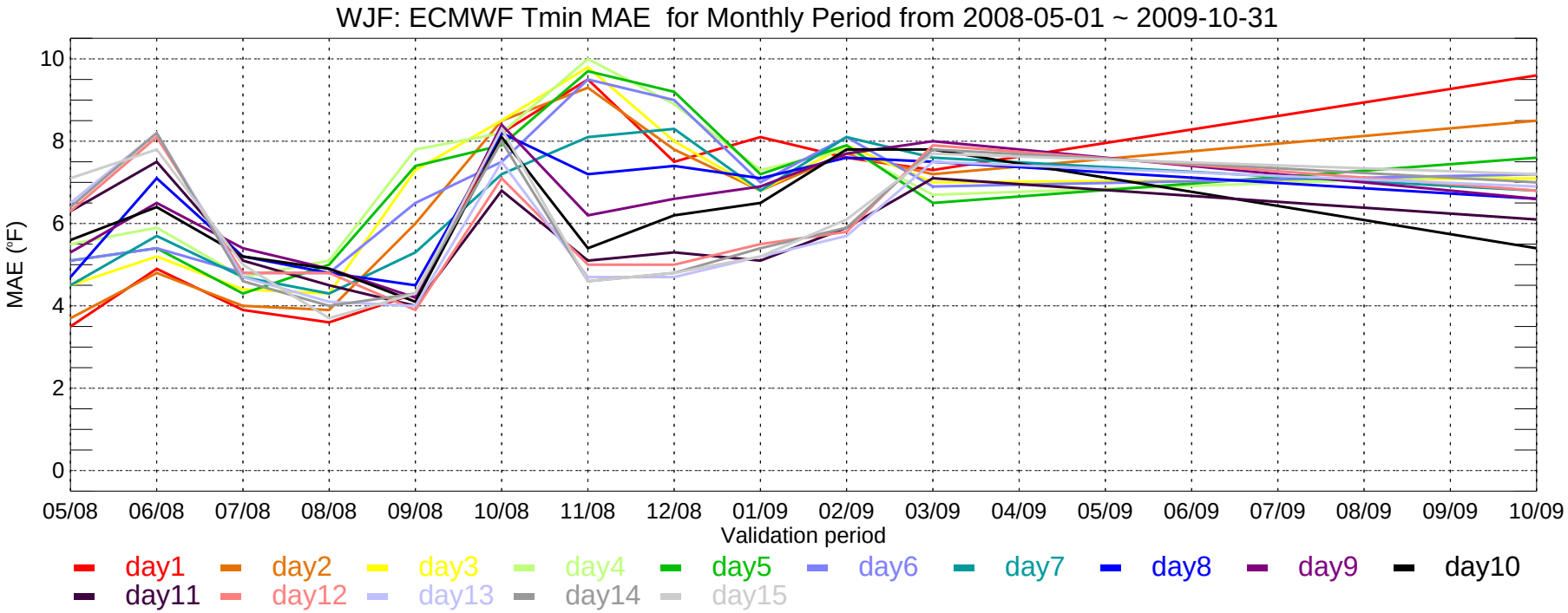
day14
day15


WJF: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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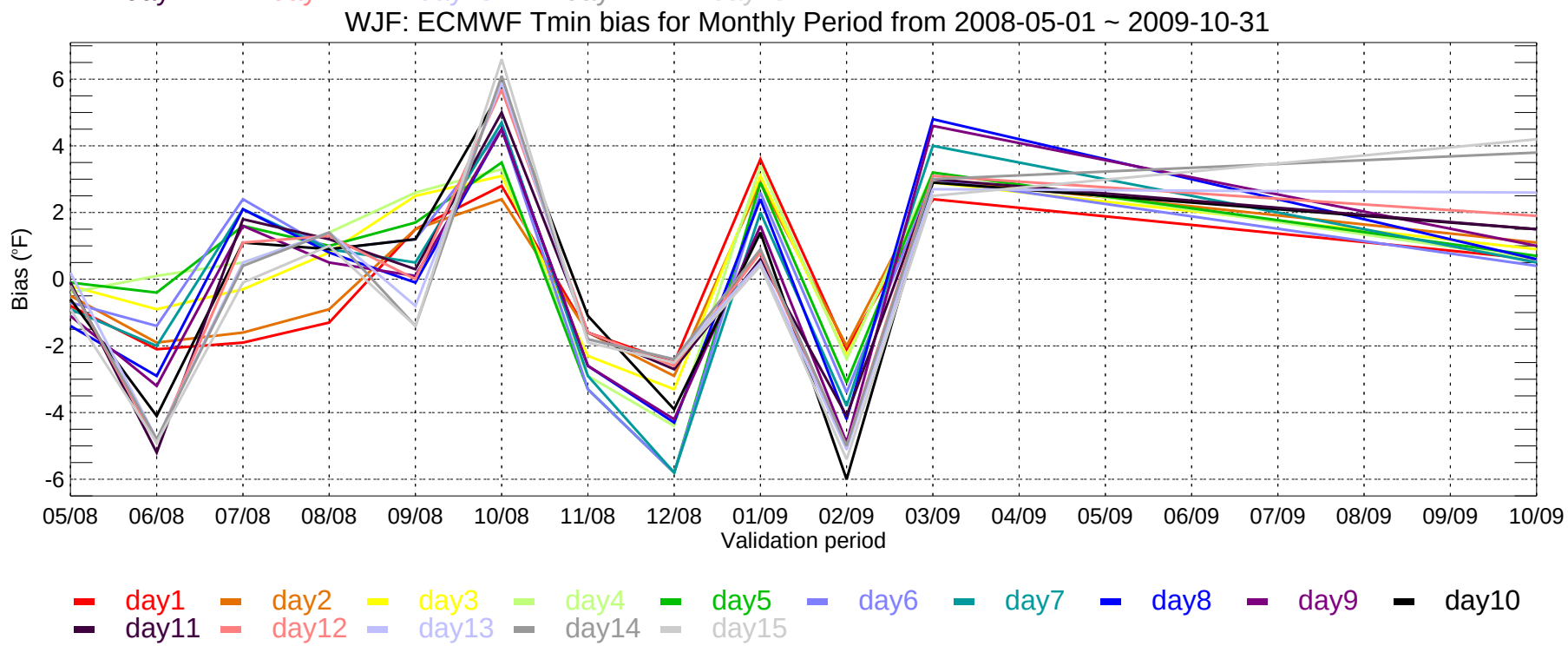
day14
day15


WJF: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
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day10
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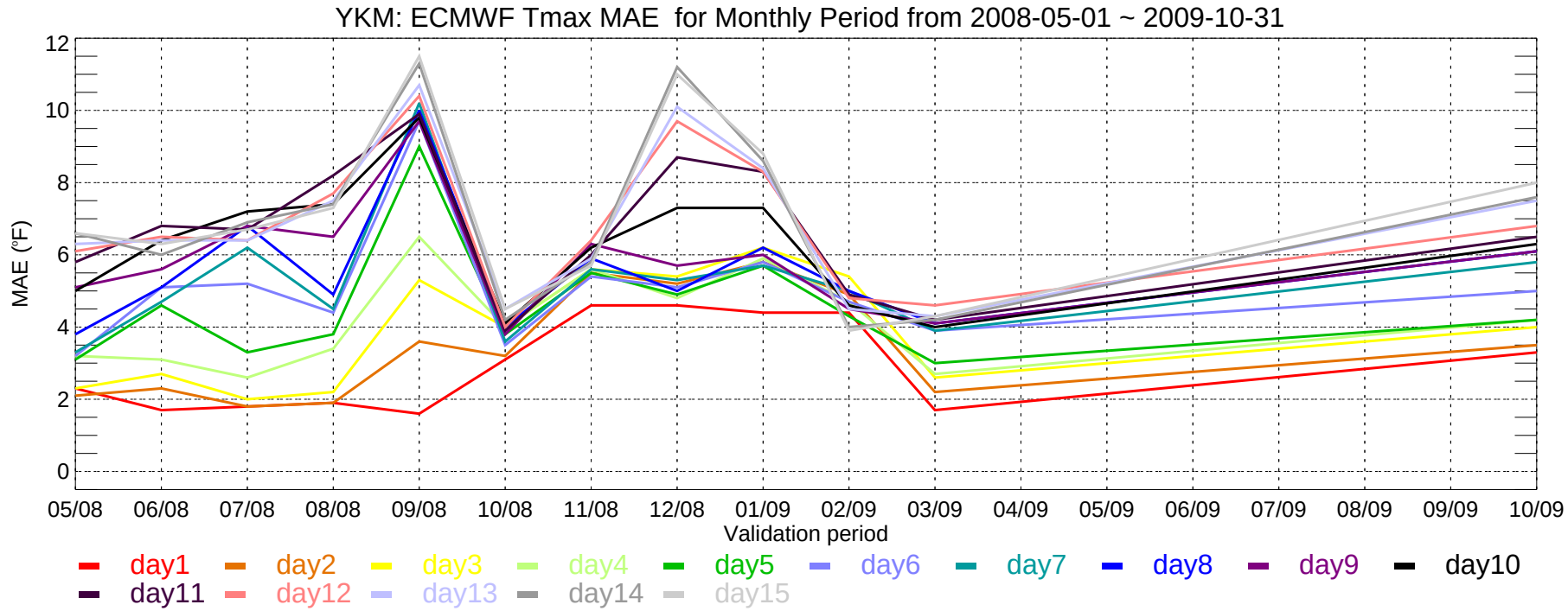
day13
day14
day15


YKM: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
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day6
day7
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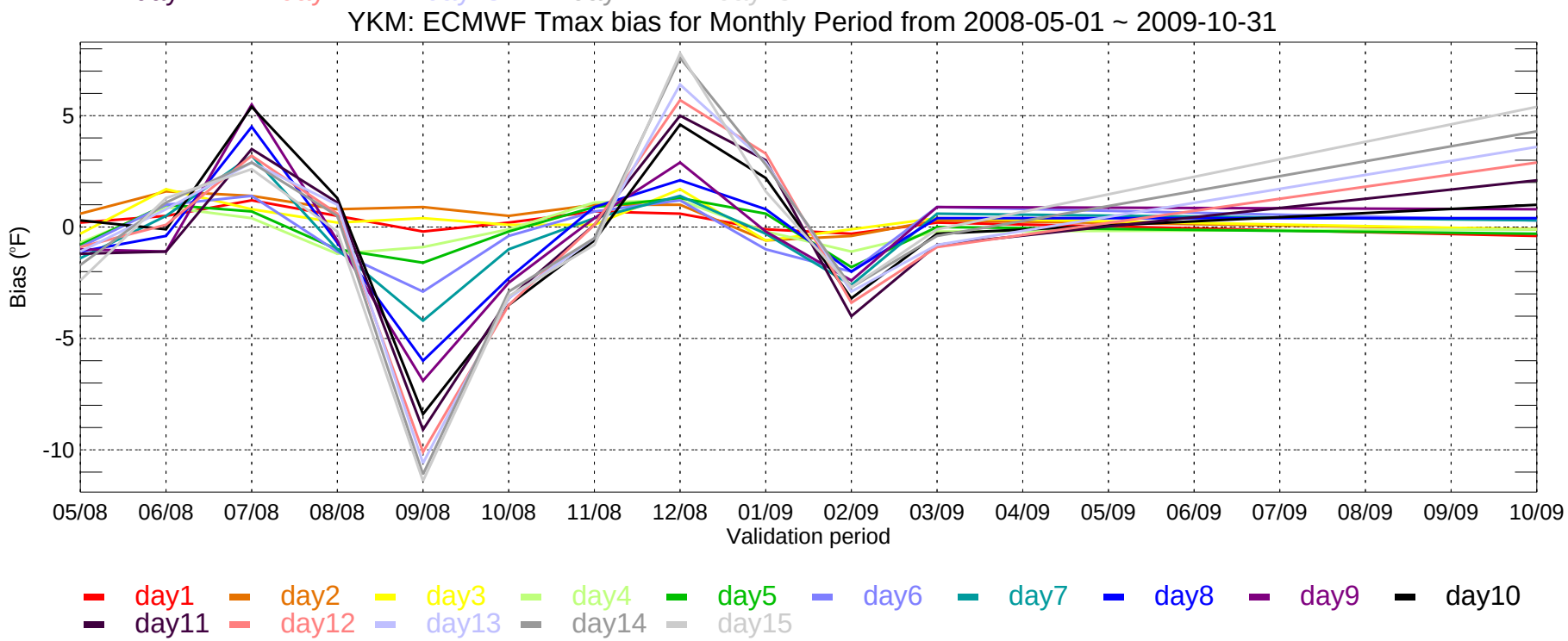
day13
day14
day15


YKM: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
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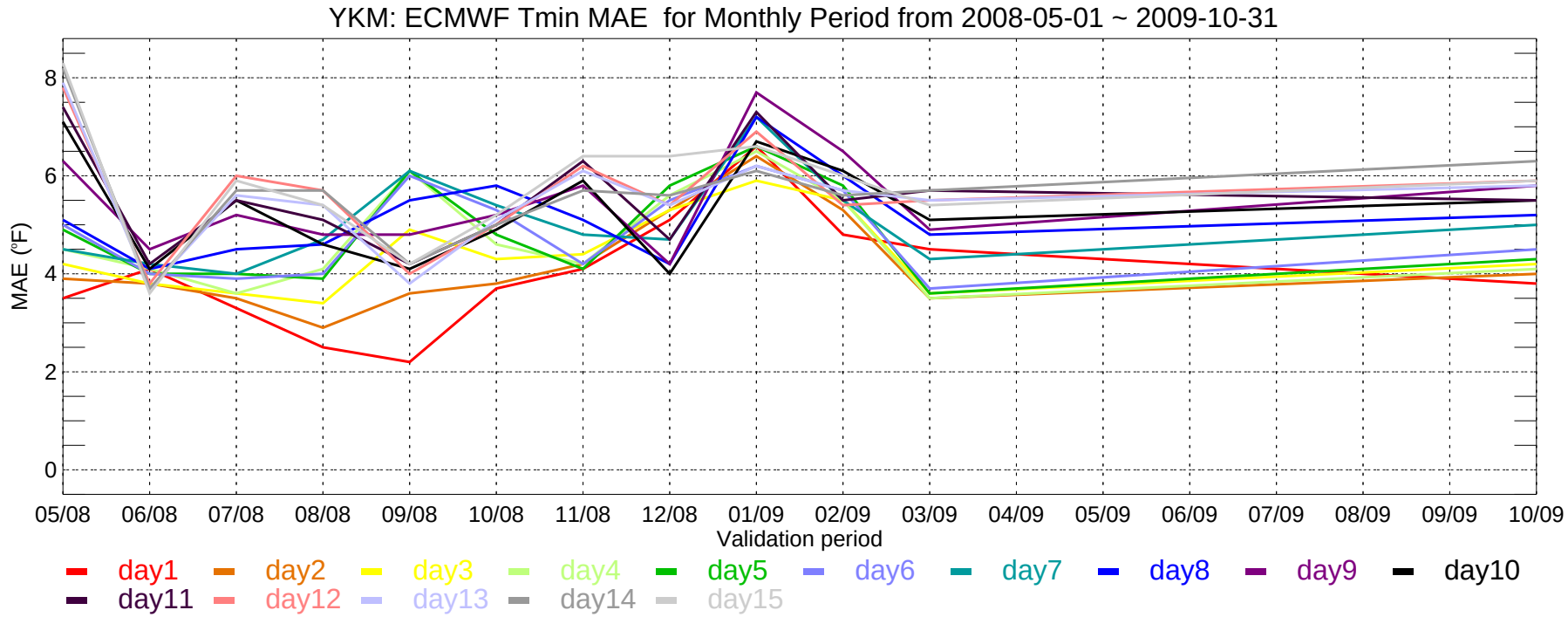
day14
day15


YKM: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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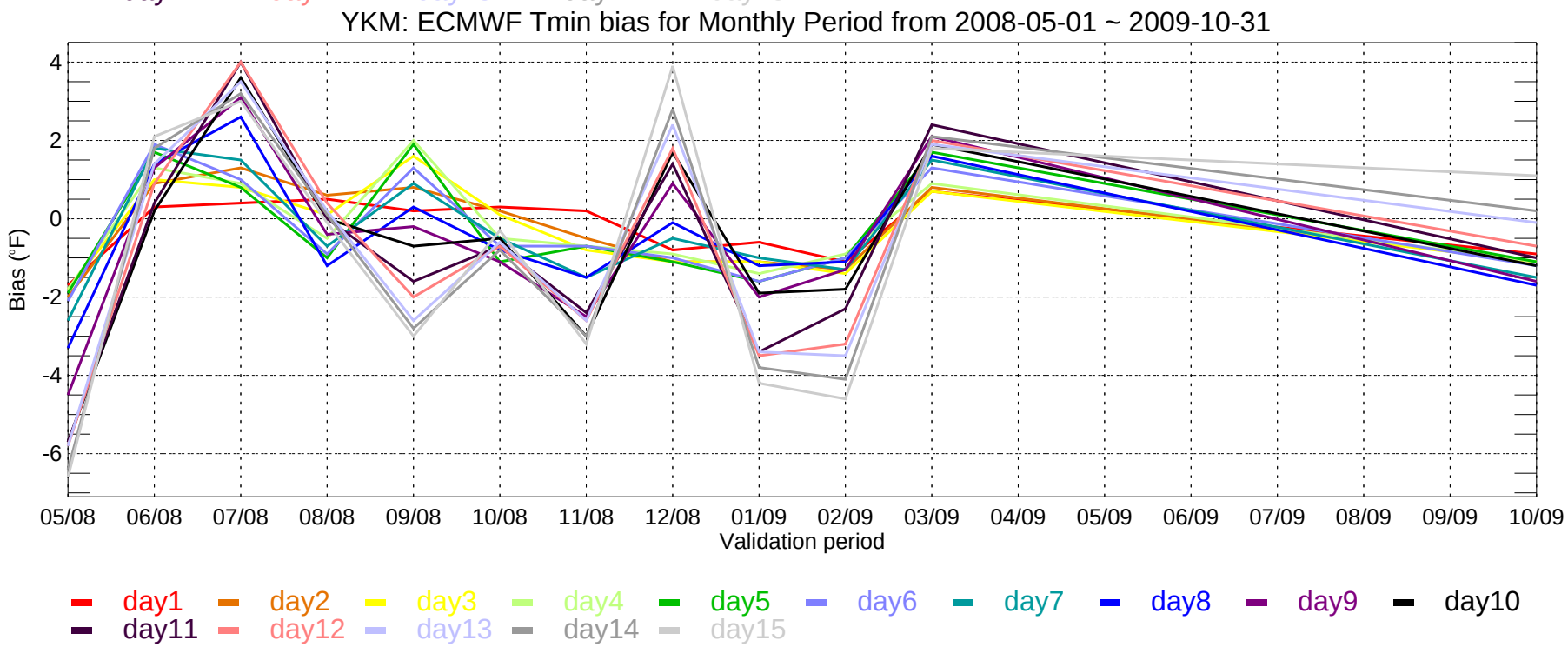
day15


YKM: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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Validation period
day1
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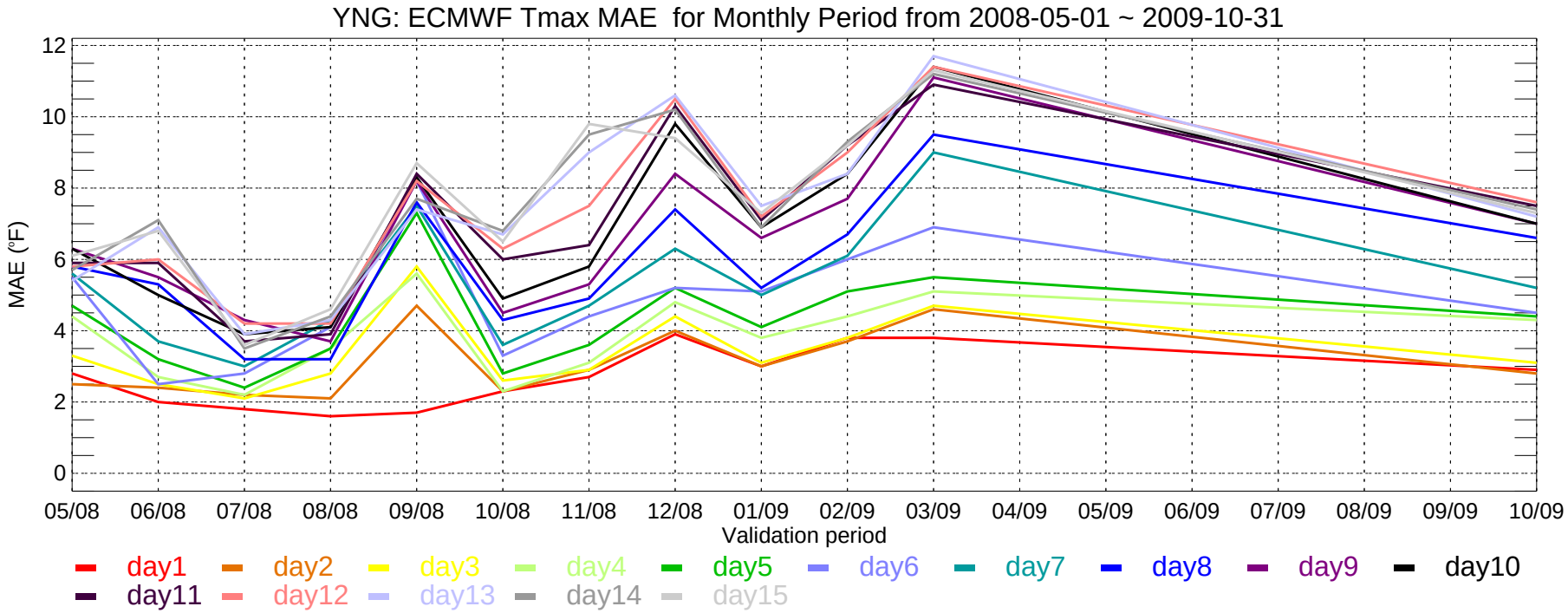
day15


YNG: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
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06/09
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10/09
Validation period
day1
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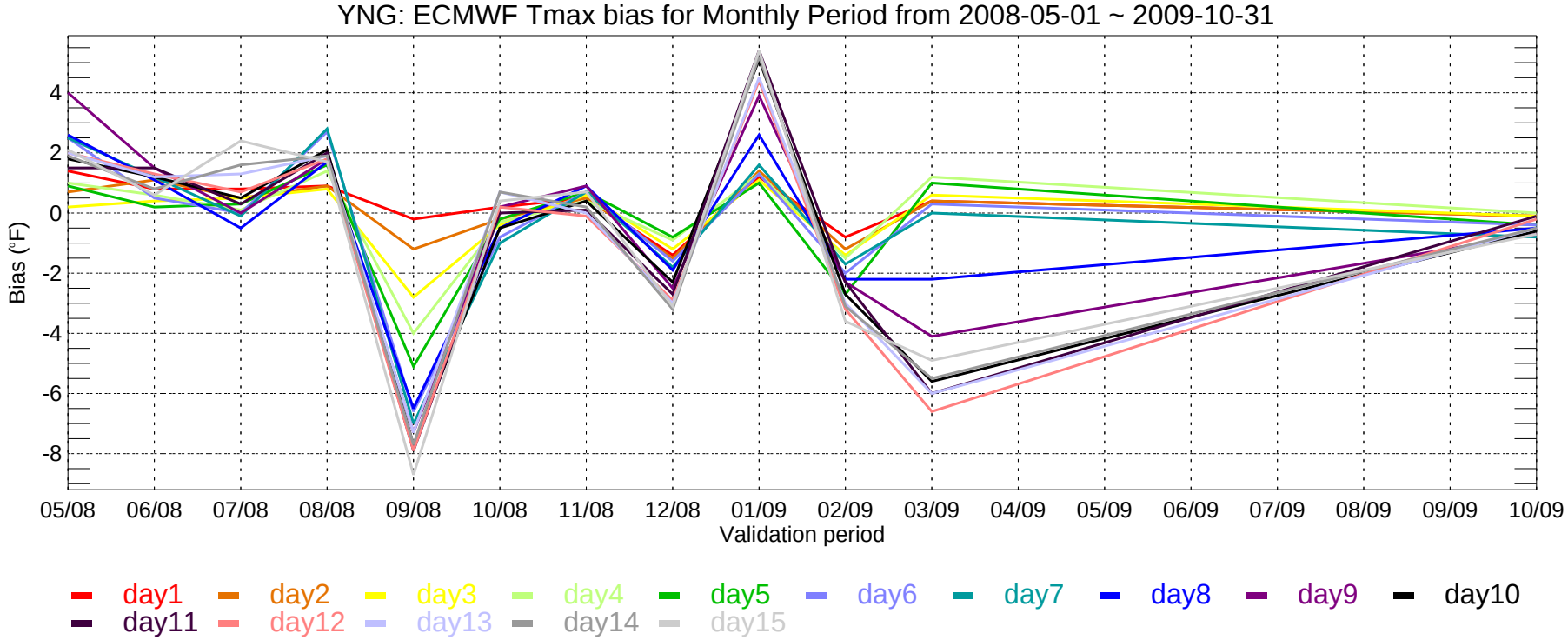
day15


YNG: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
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10/09
Validation period
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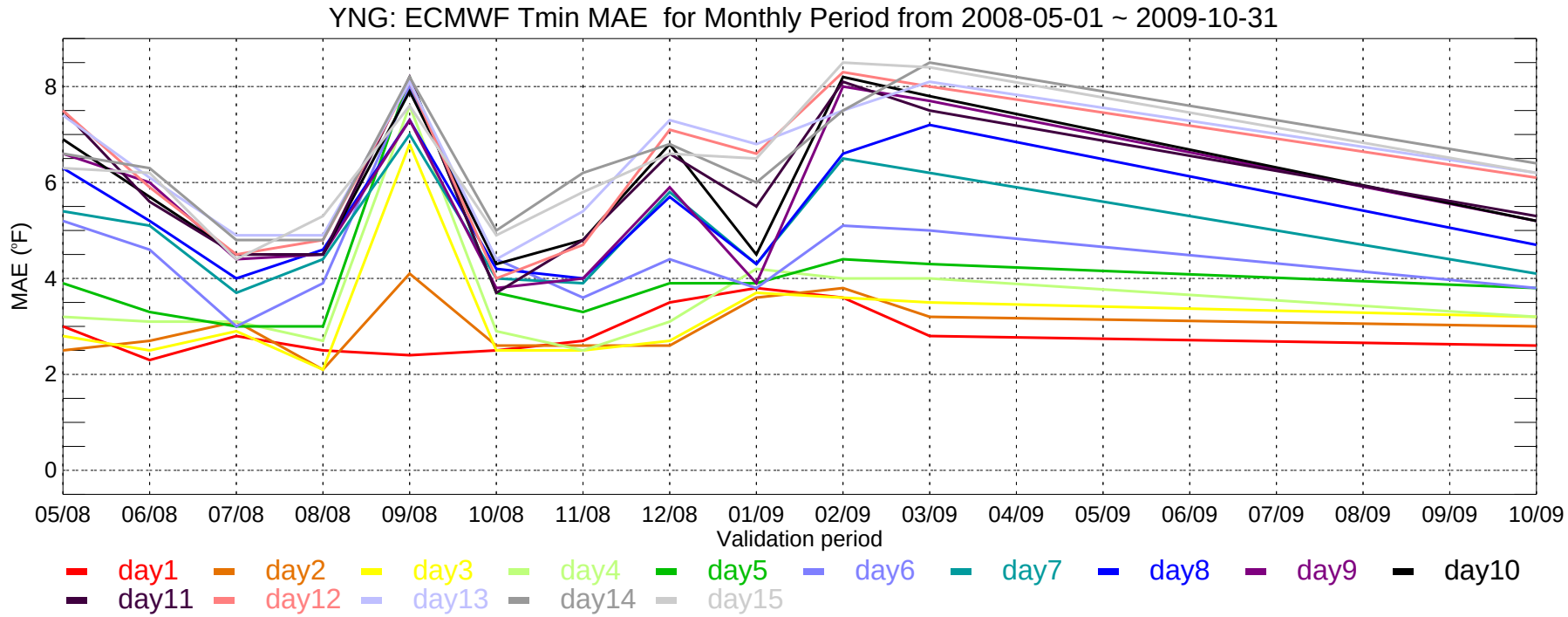
day15


YNG: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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10/09
Validation period
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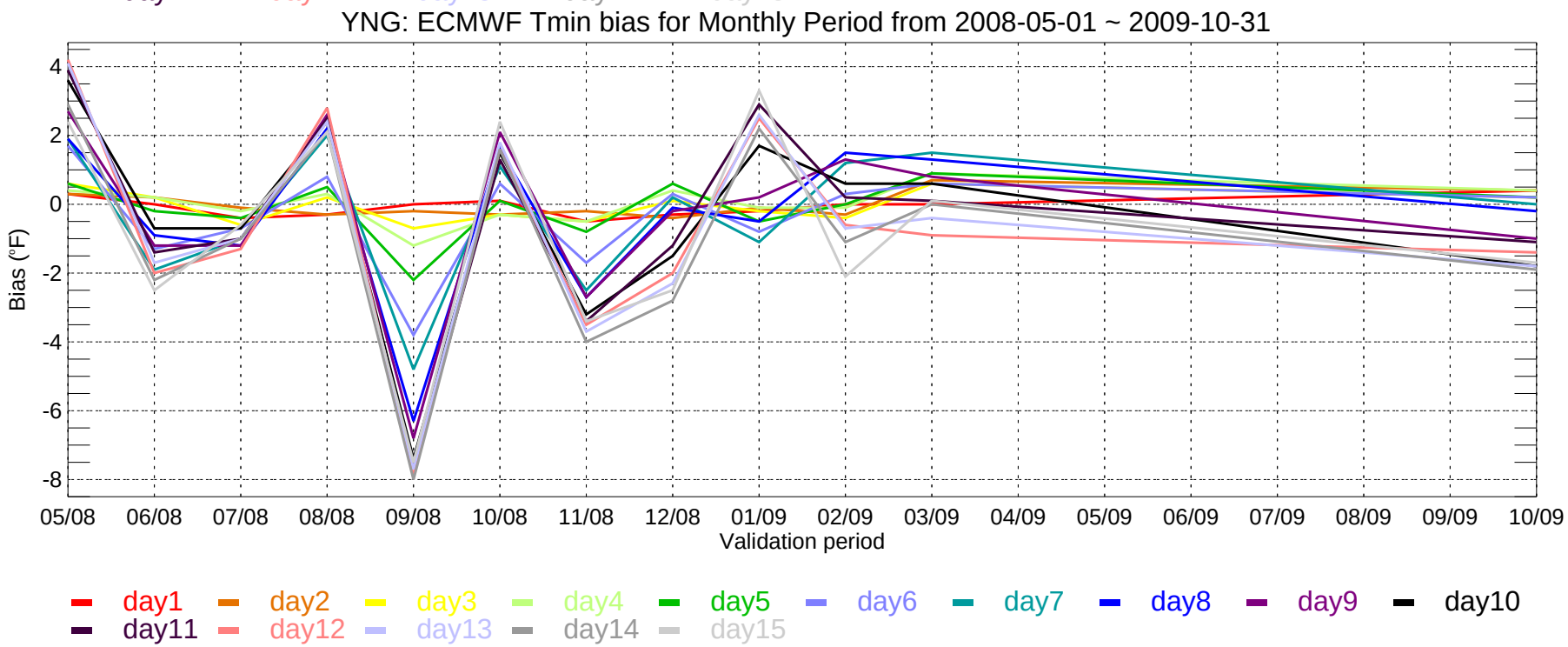
YNG: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
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10/09
Validation period
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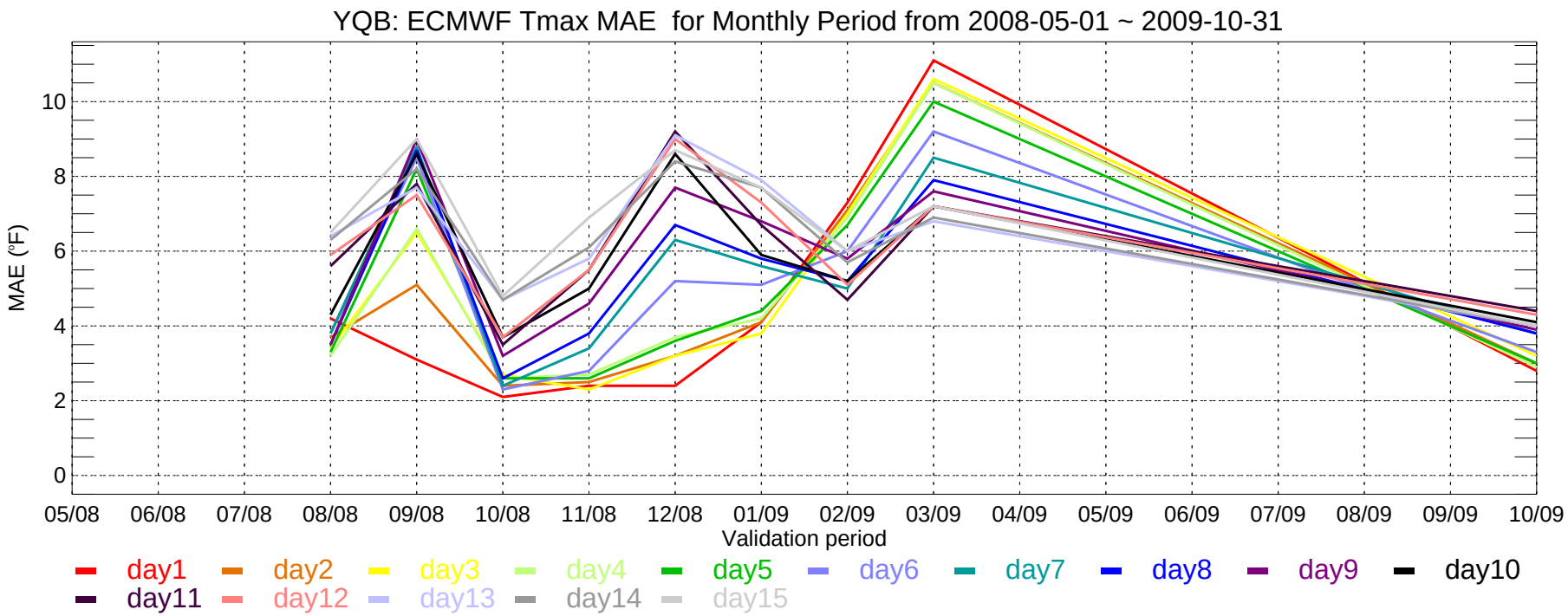
day15


YQB: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
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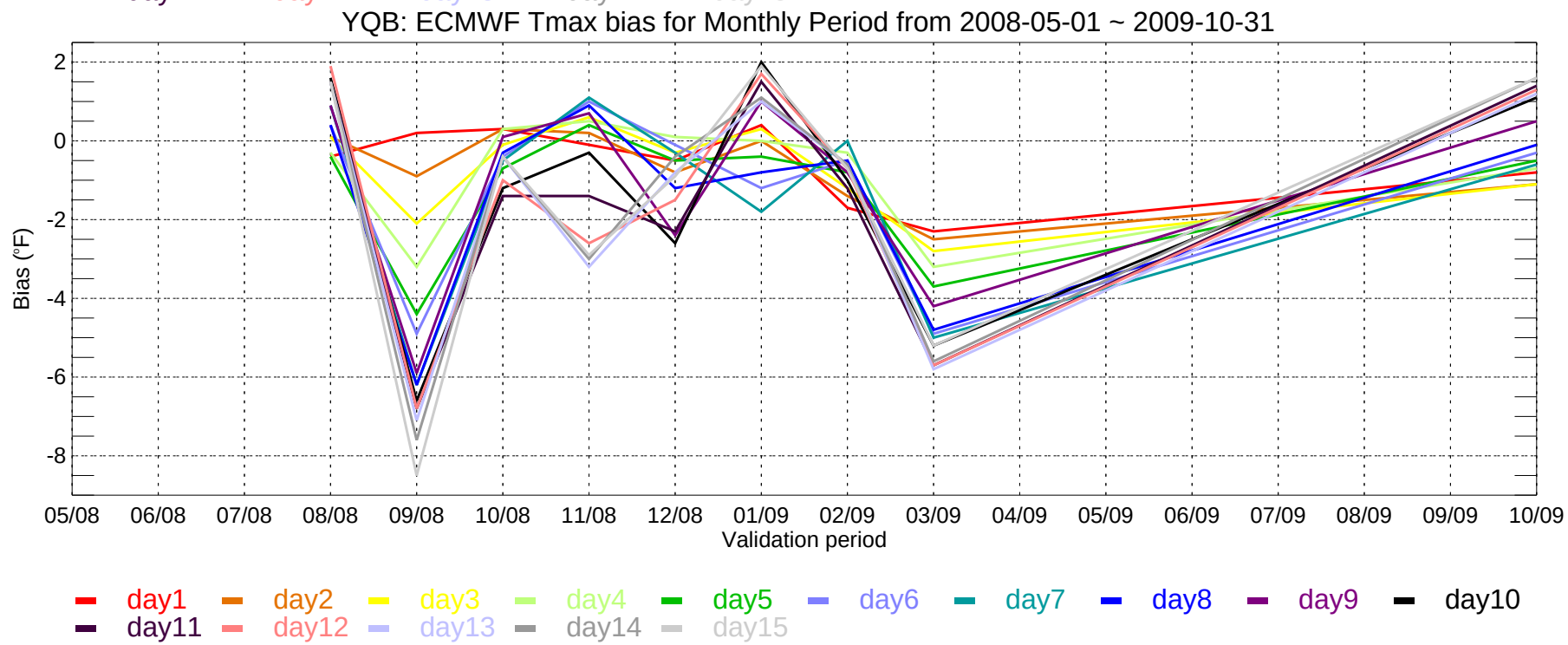
day15


YQB: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
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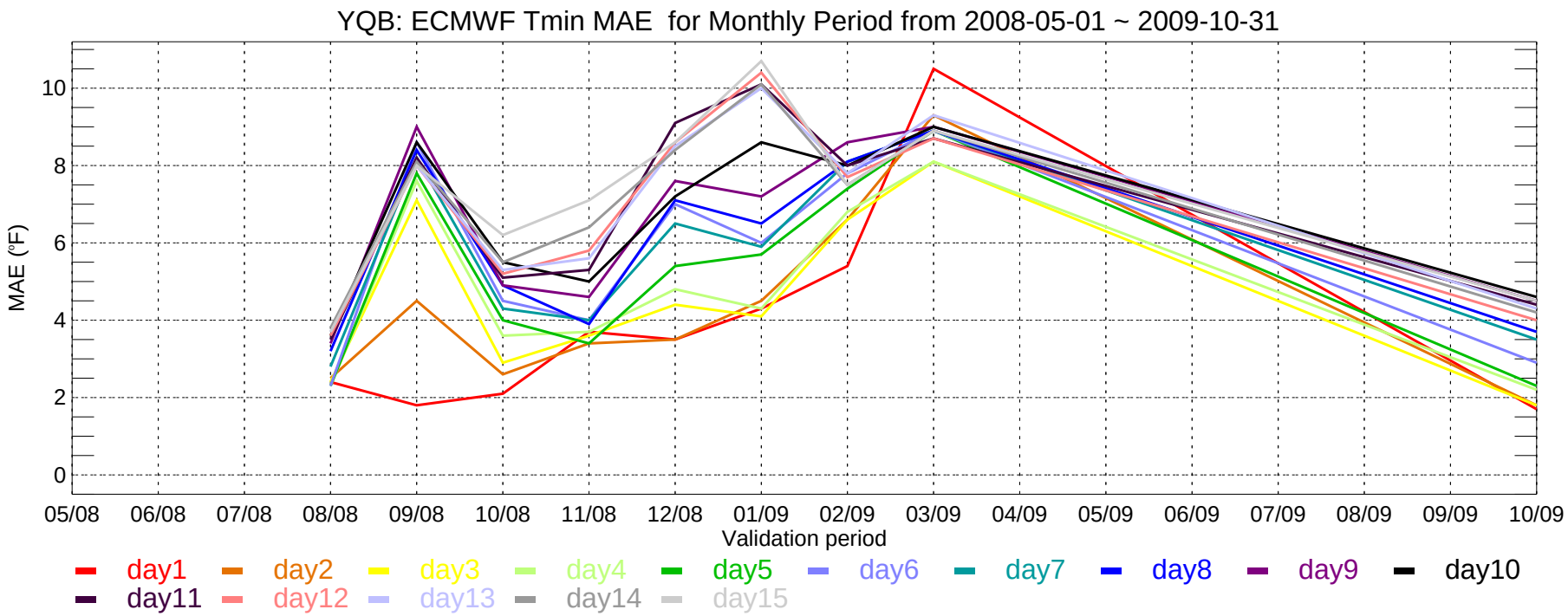
day14
day15


YQB: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
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05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
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06/09
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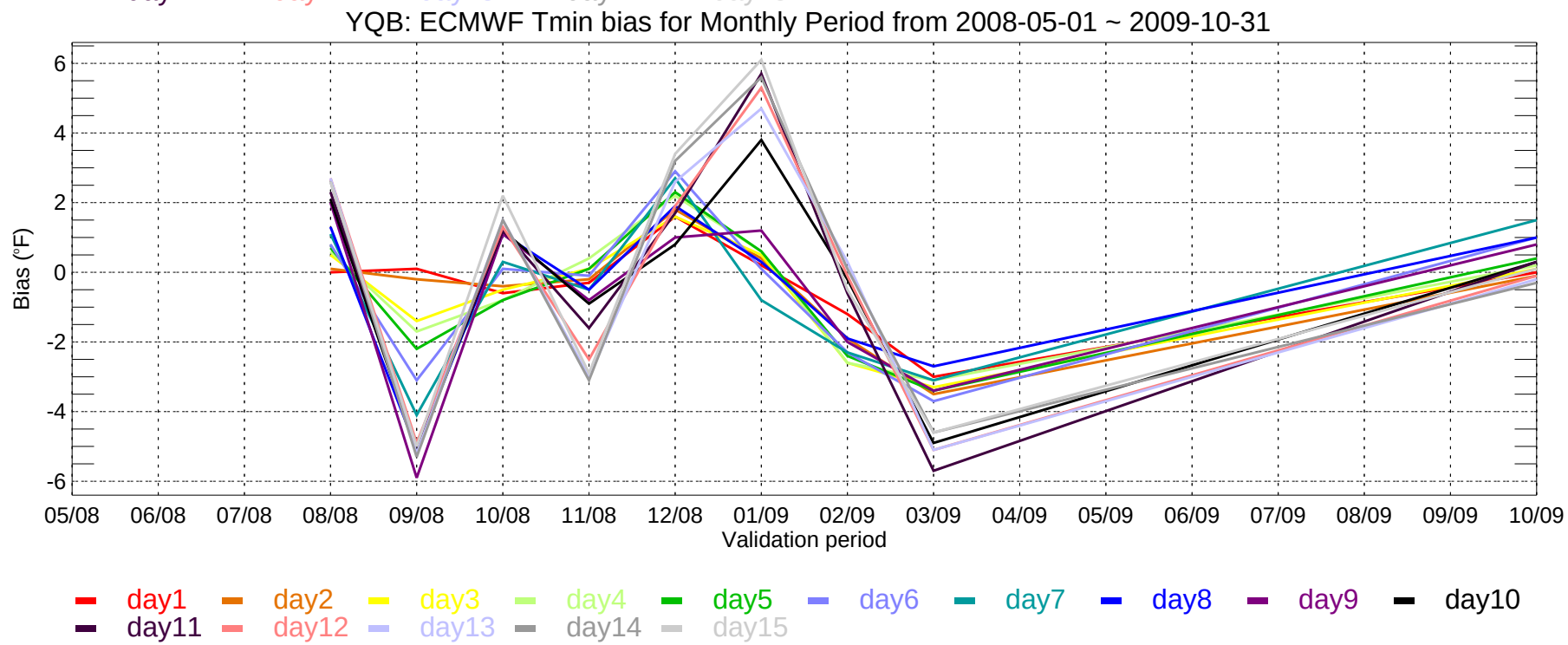
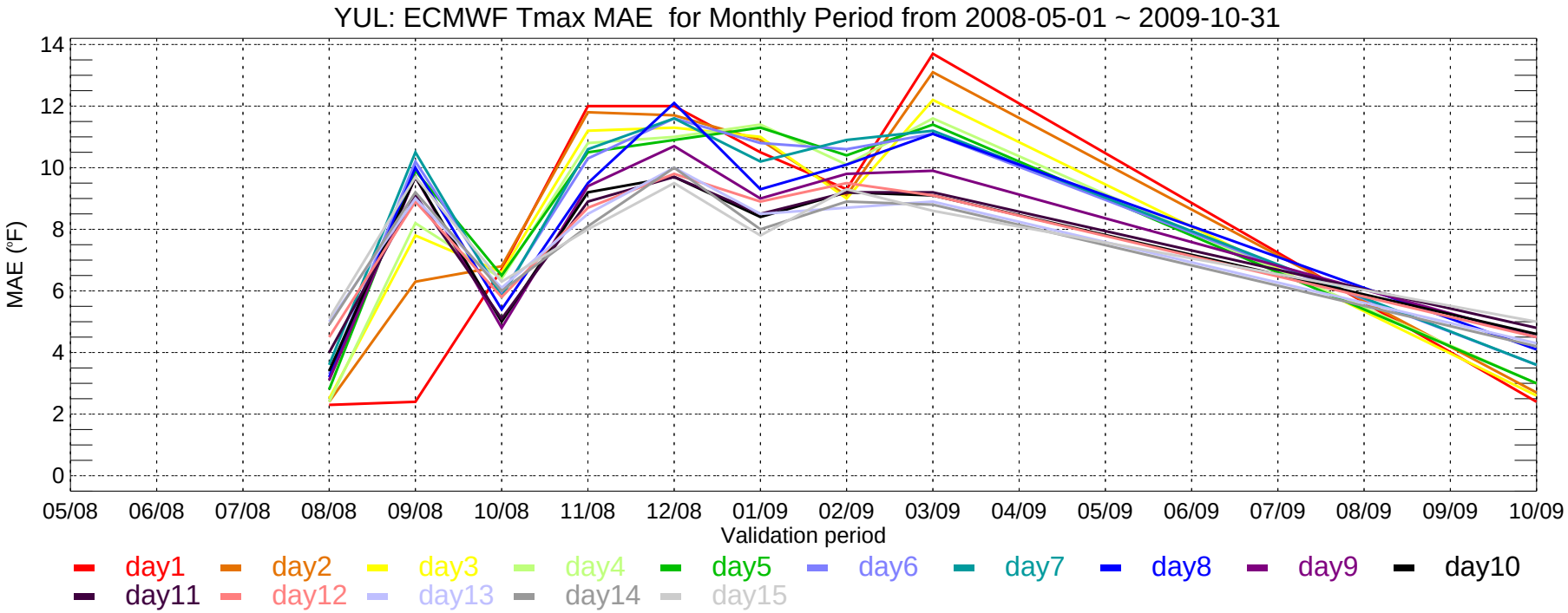
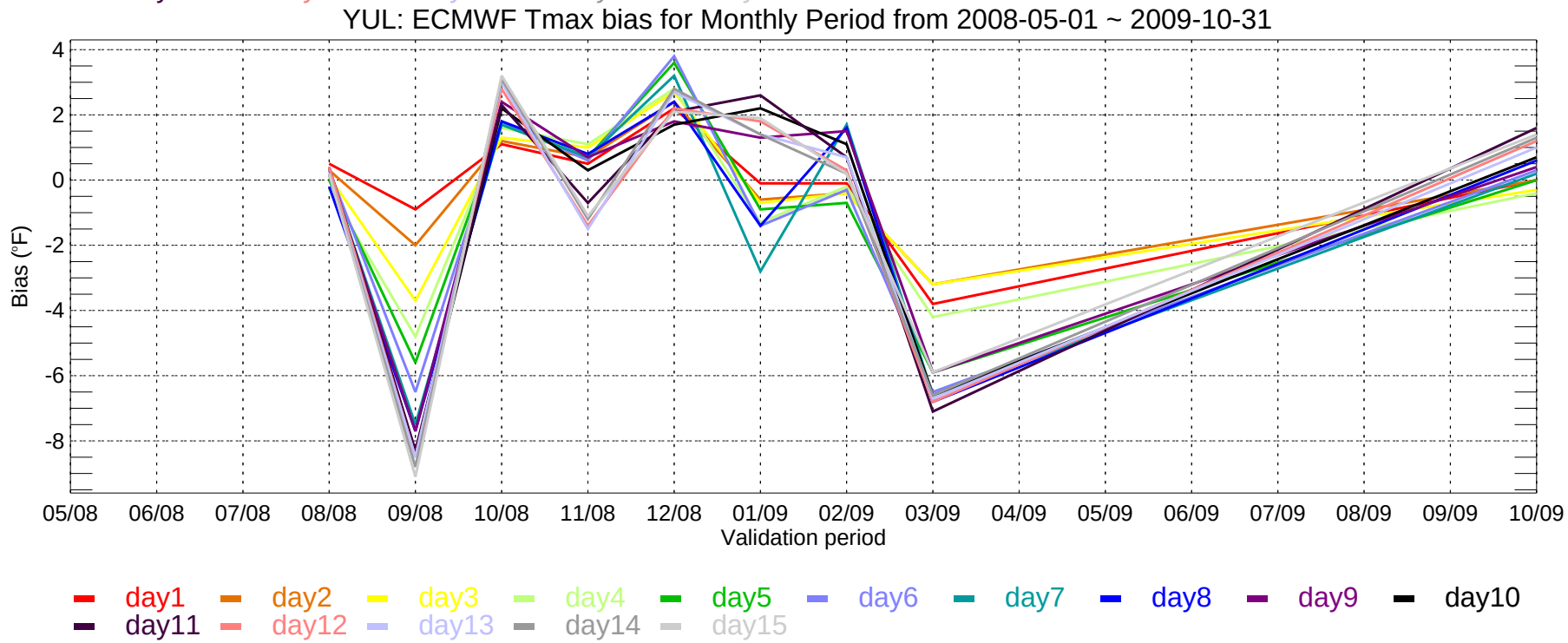
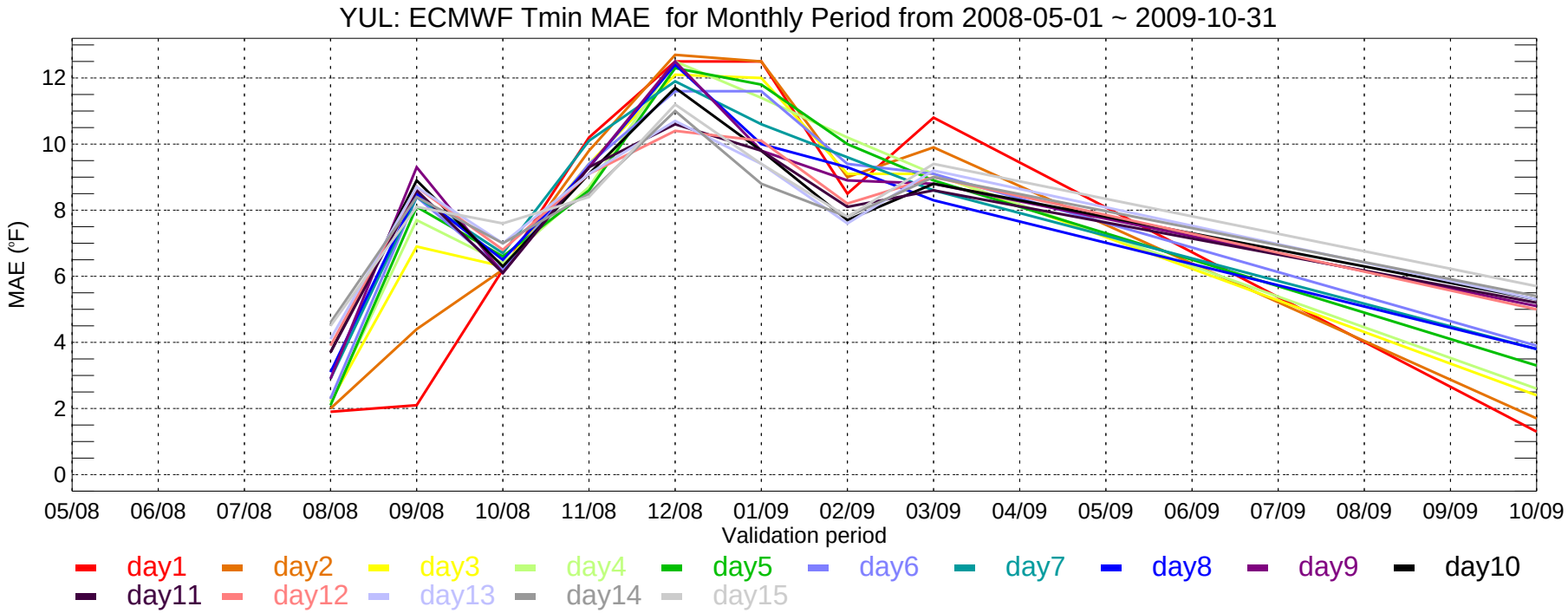
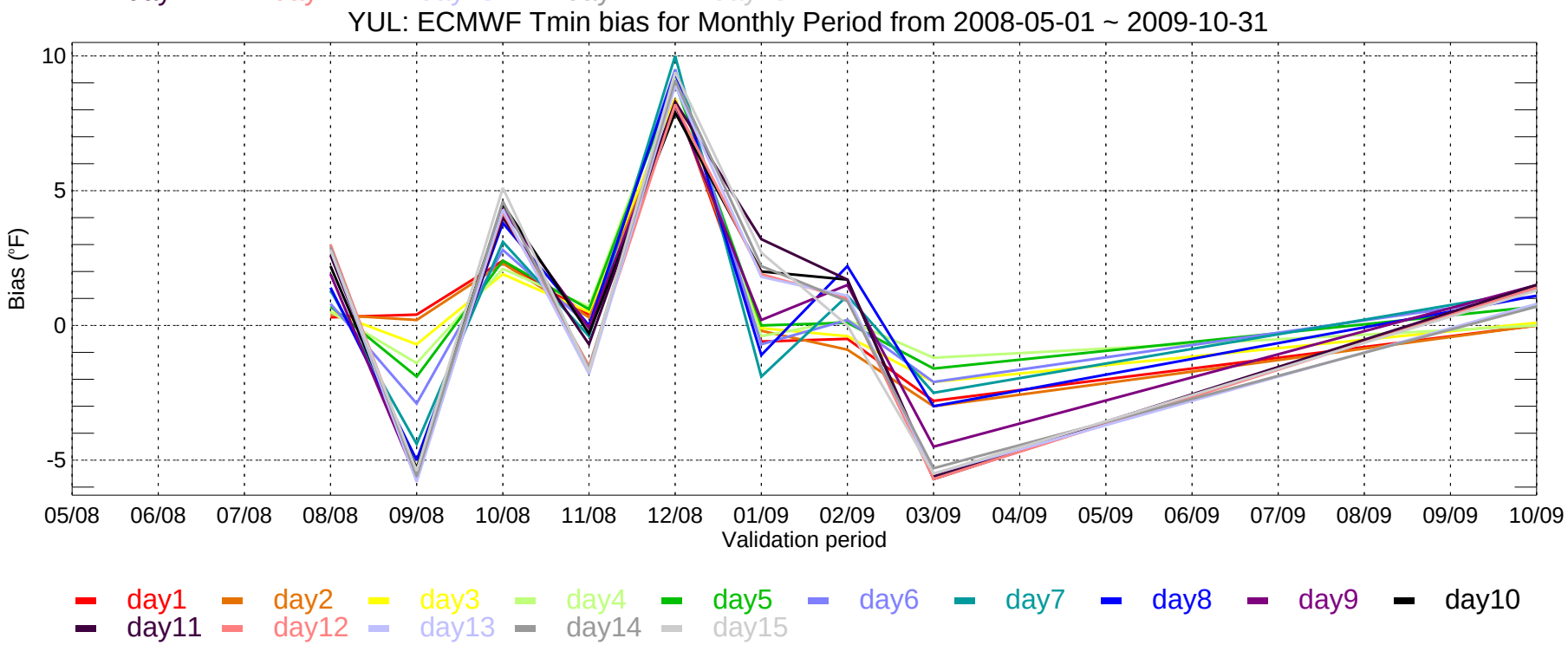
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

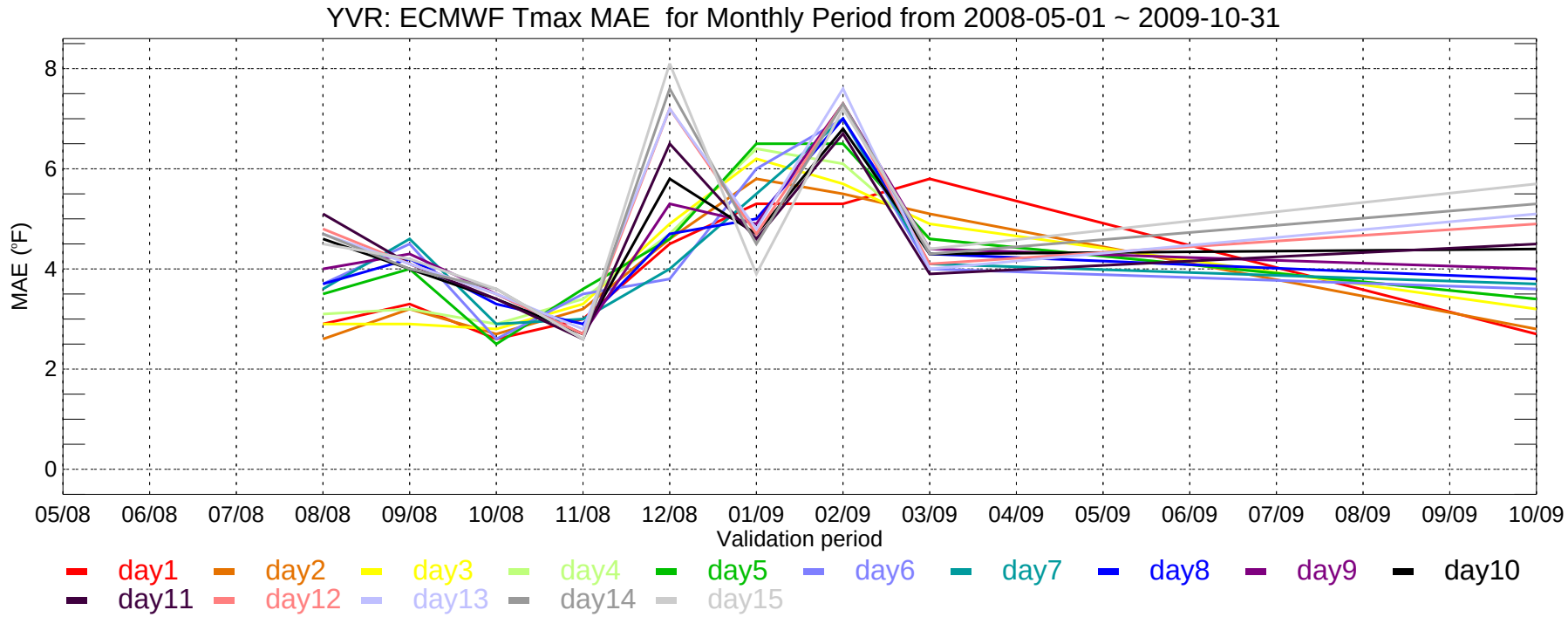

YQB: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

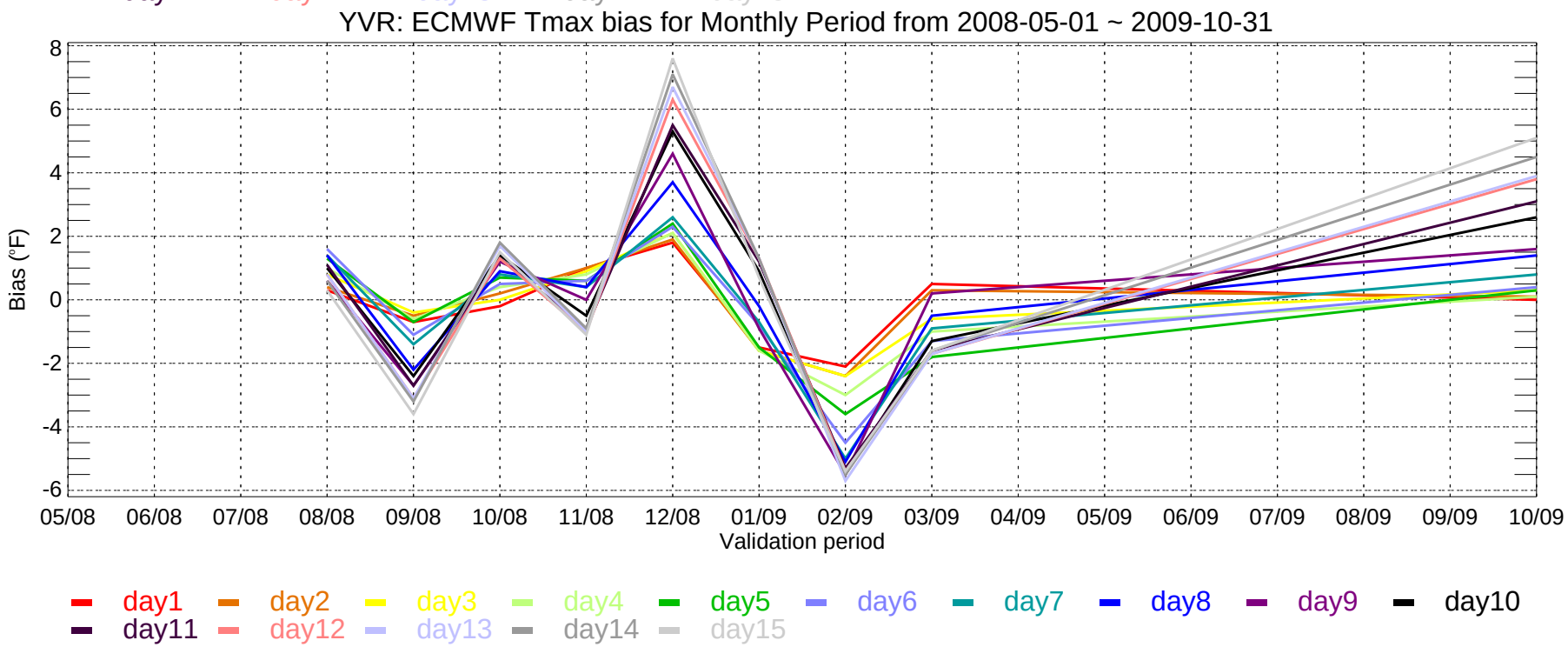

YUL: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
14
12
10
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

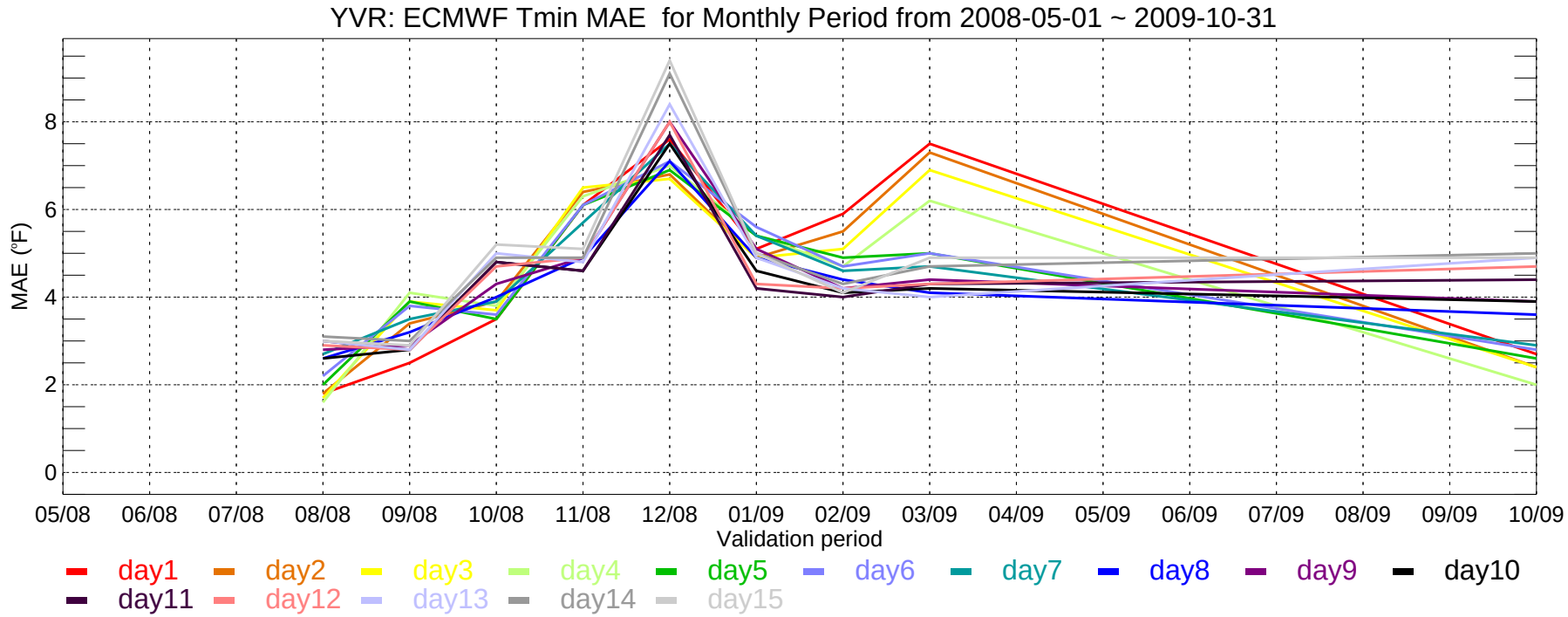

YUL: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

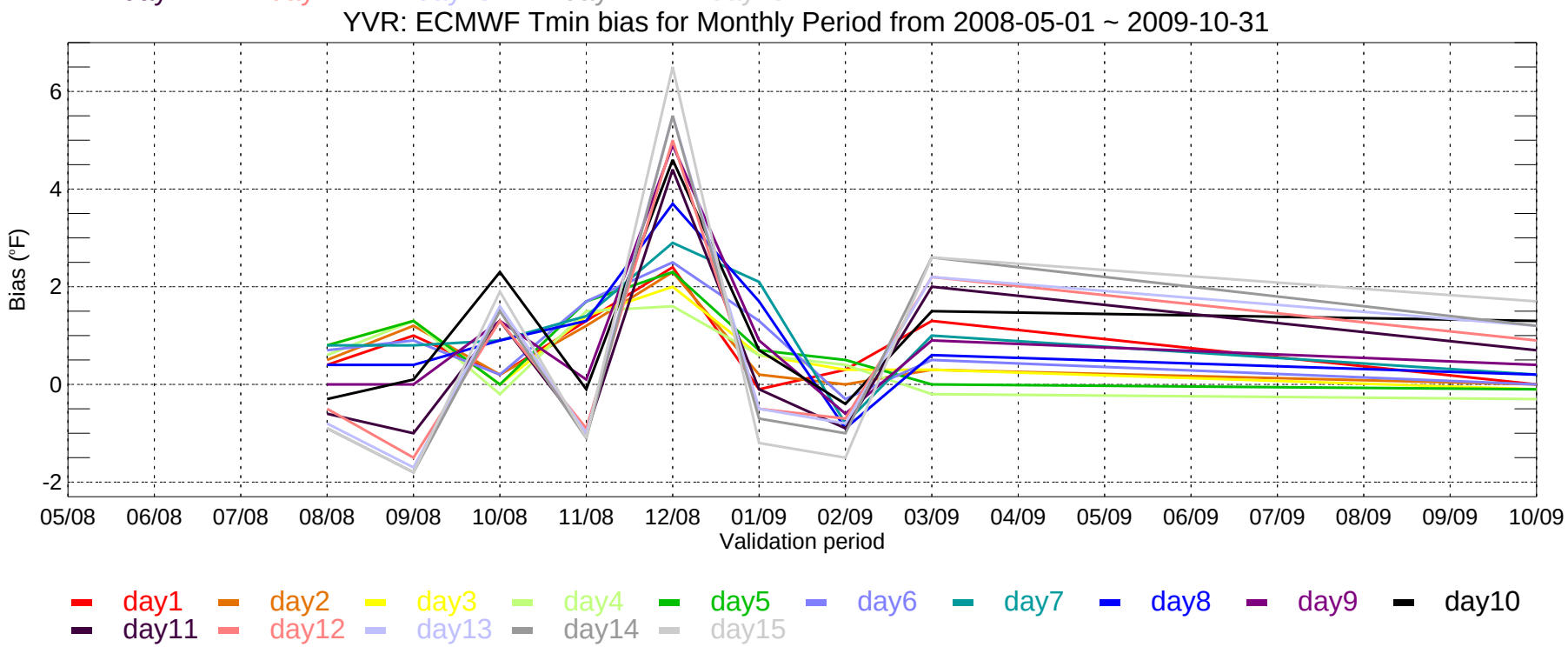

YUL: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

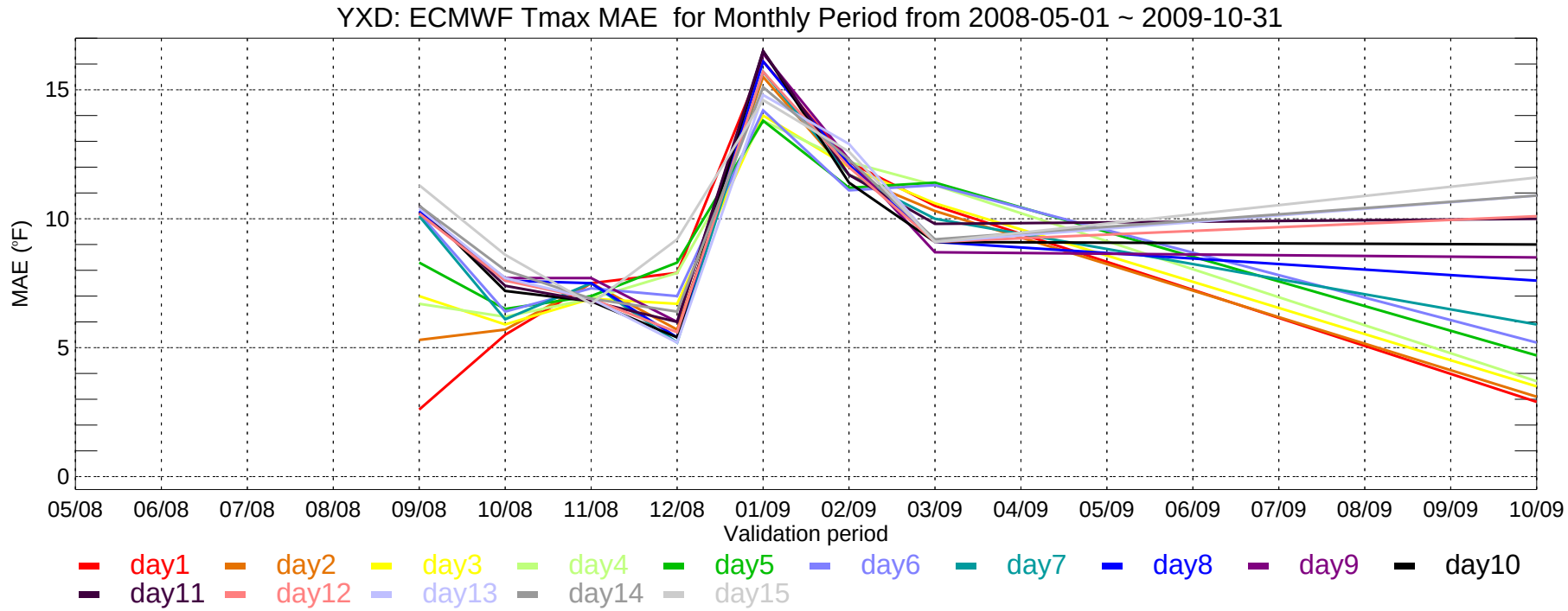

YUL: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-5
0
5
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

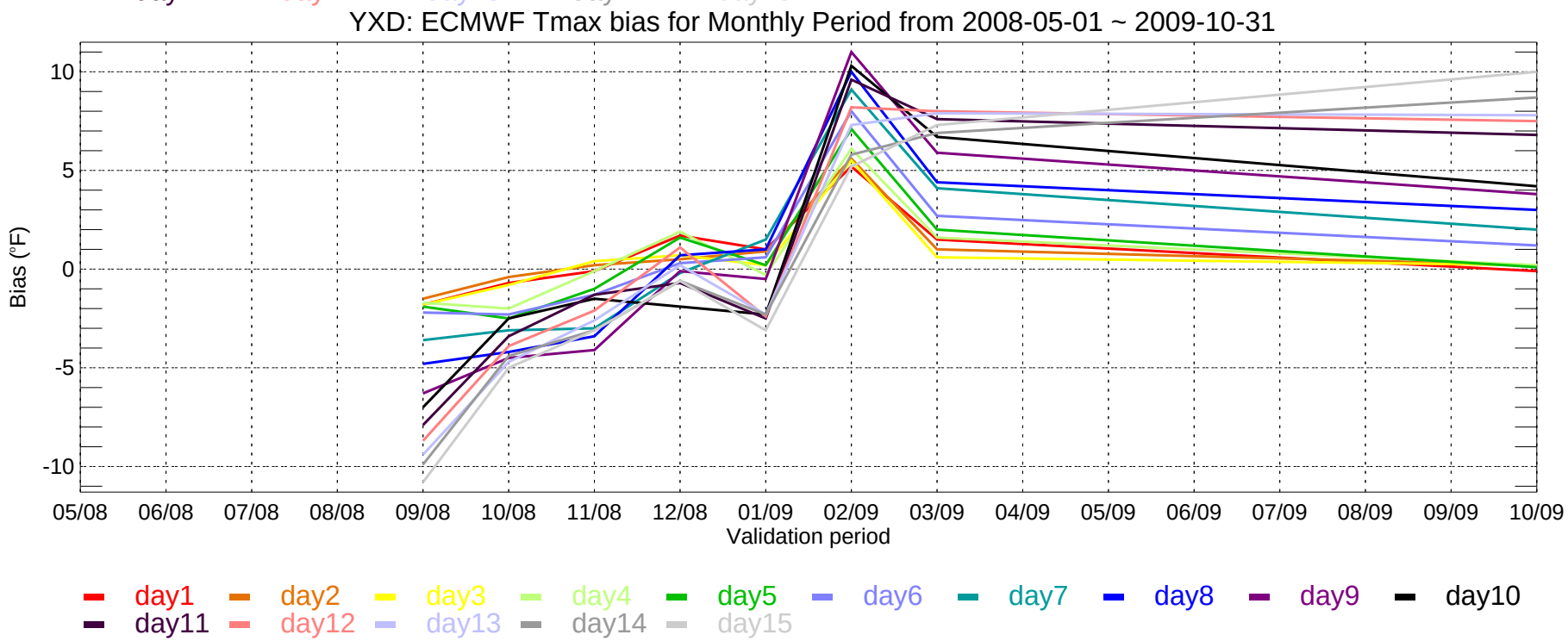

YVR: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
8
6
4
2
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

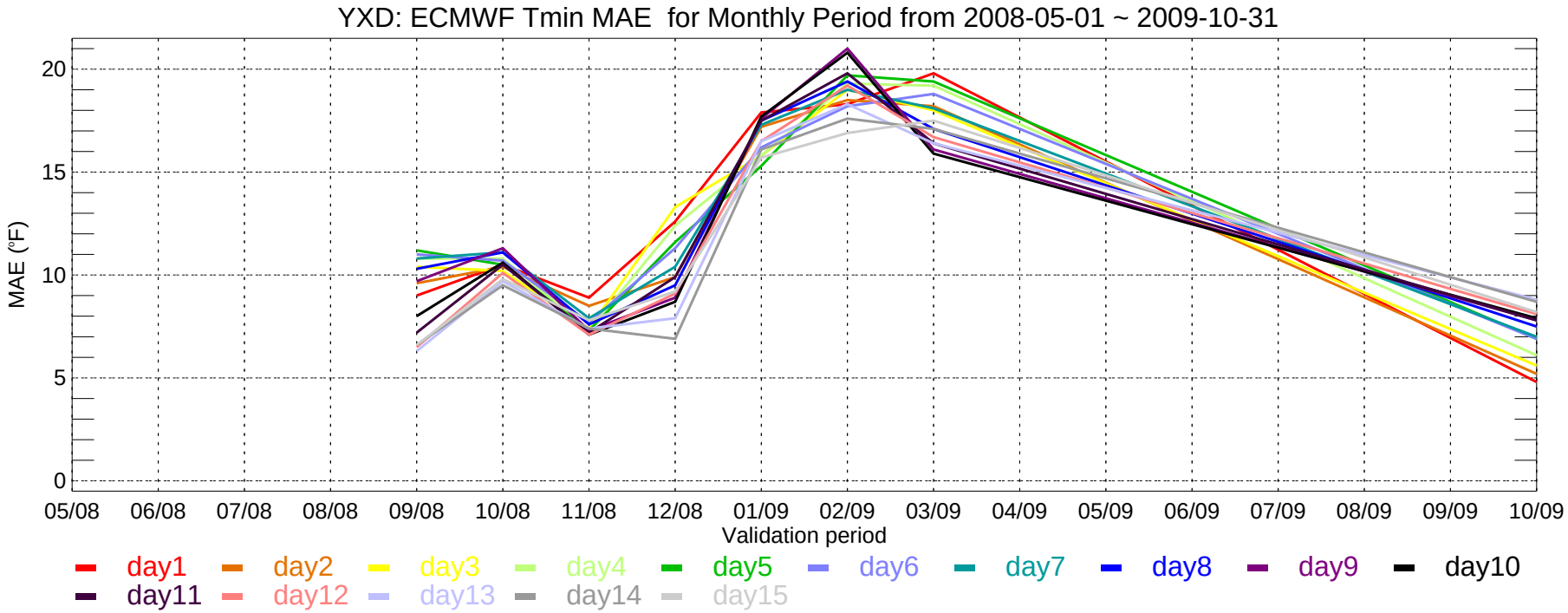

YVR: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
8
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

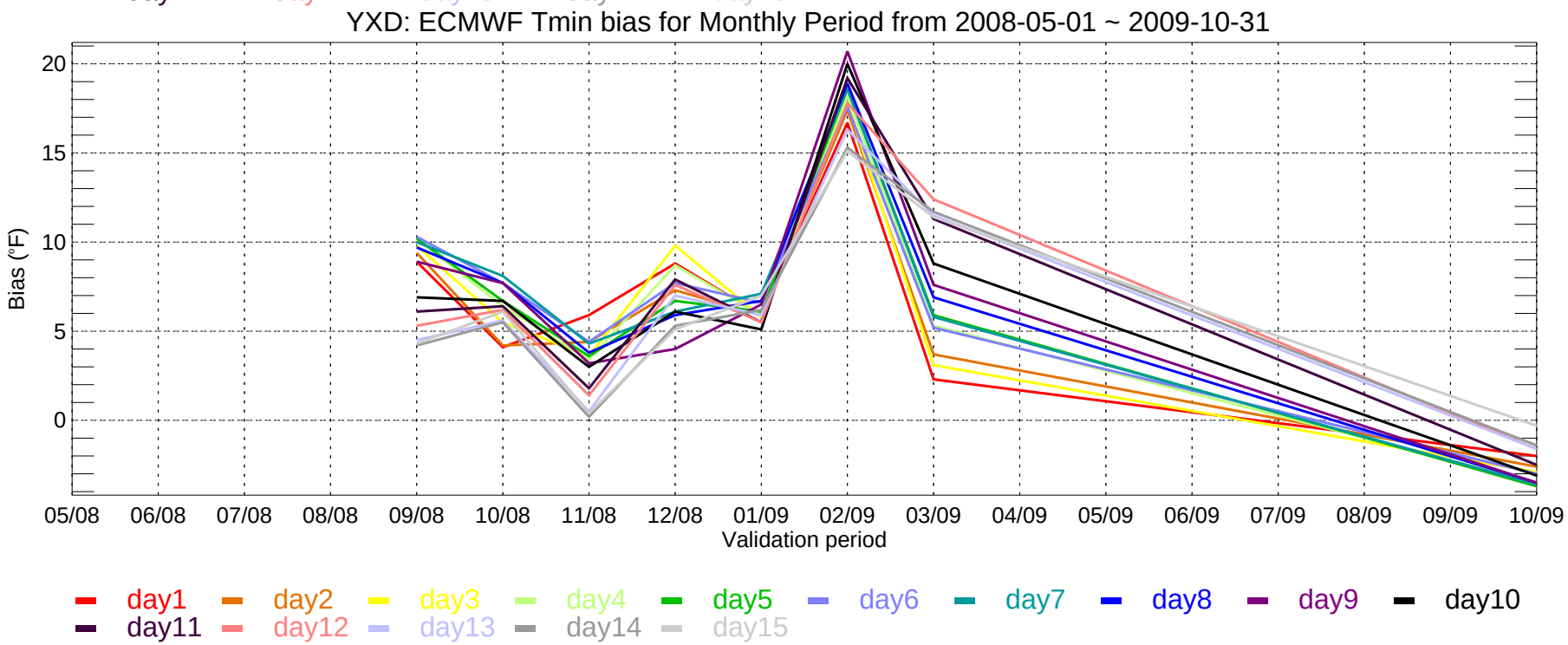

YVR: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

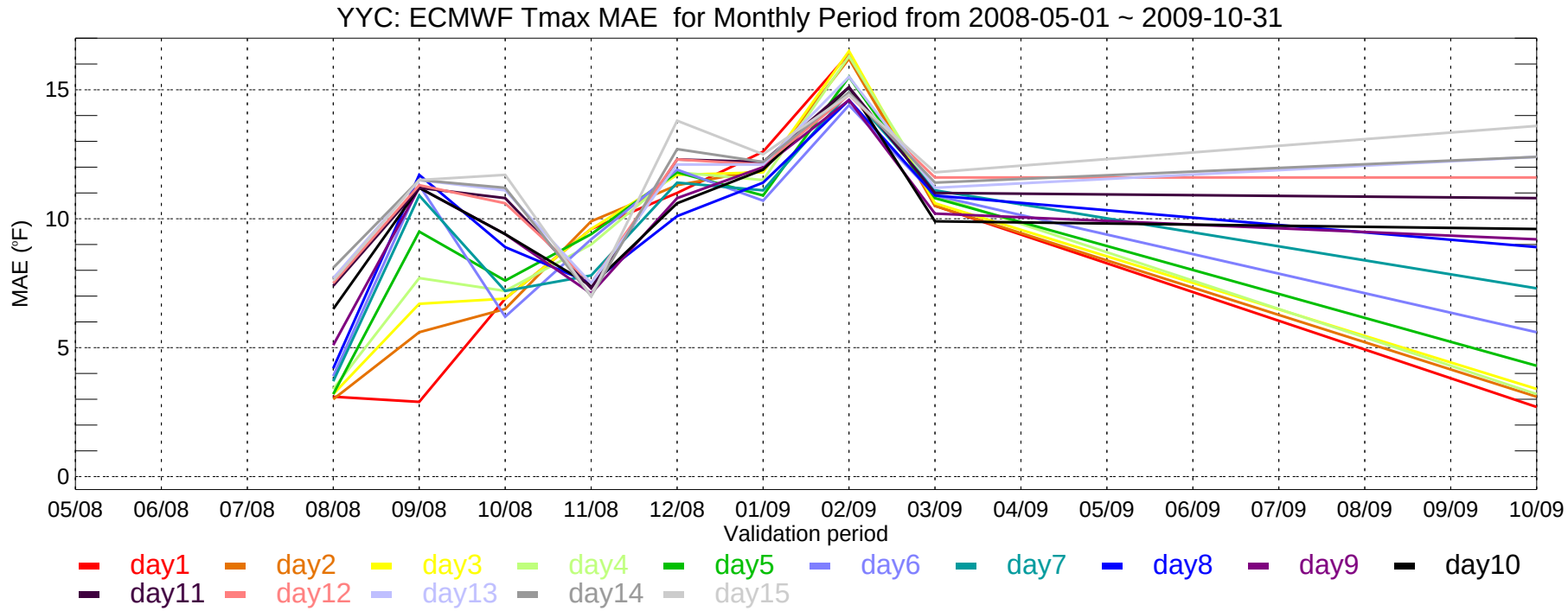

YVR: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-2
0
2
4
6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

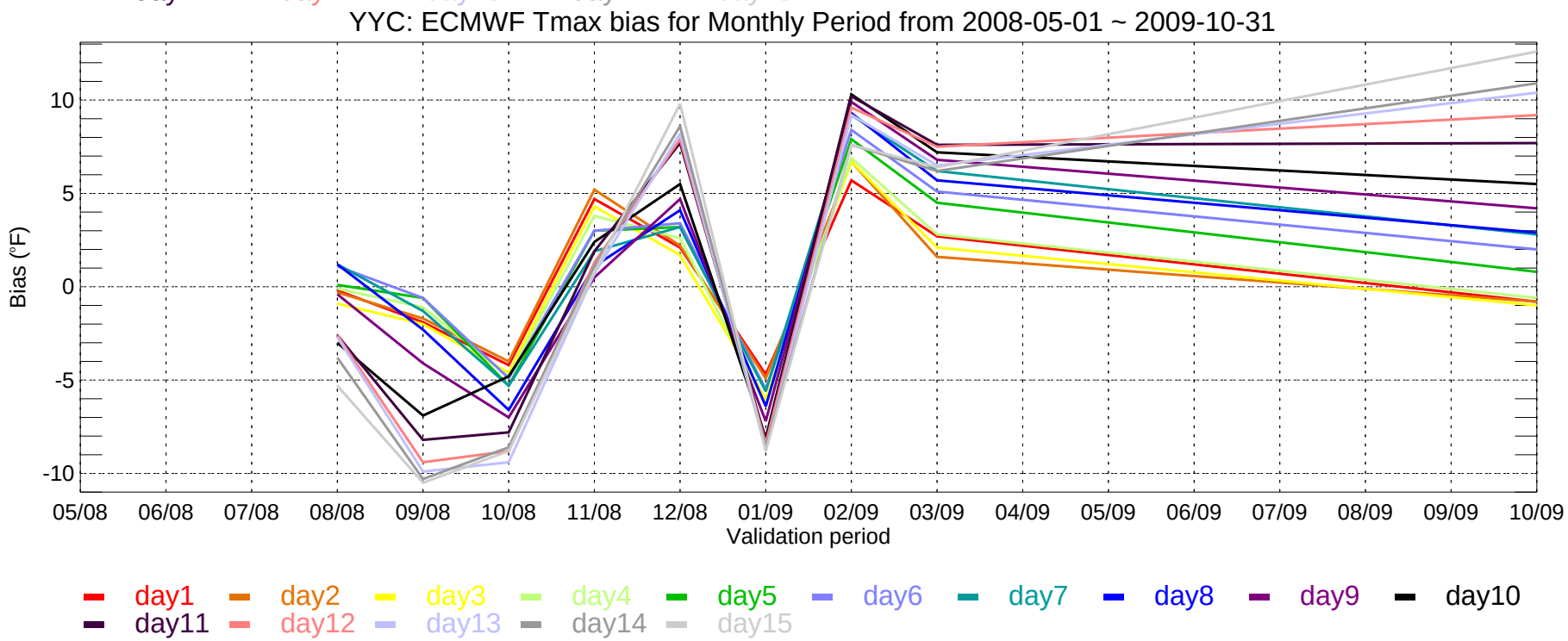

YXD: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
15
10
5
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

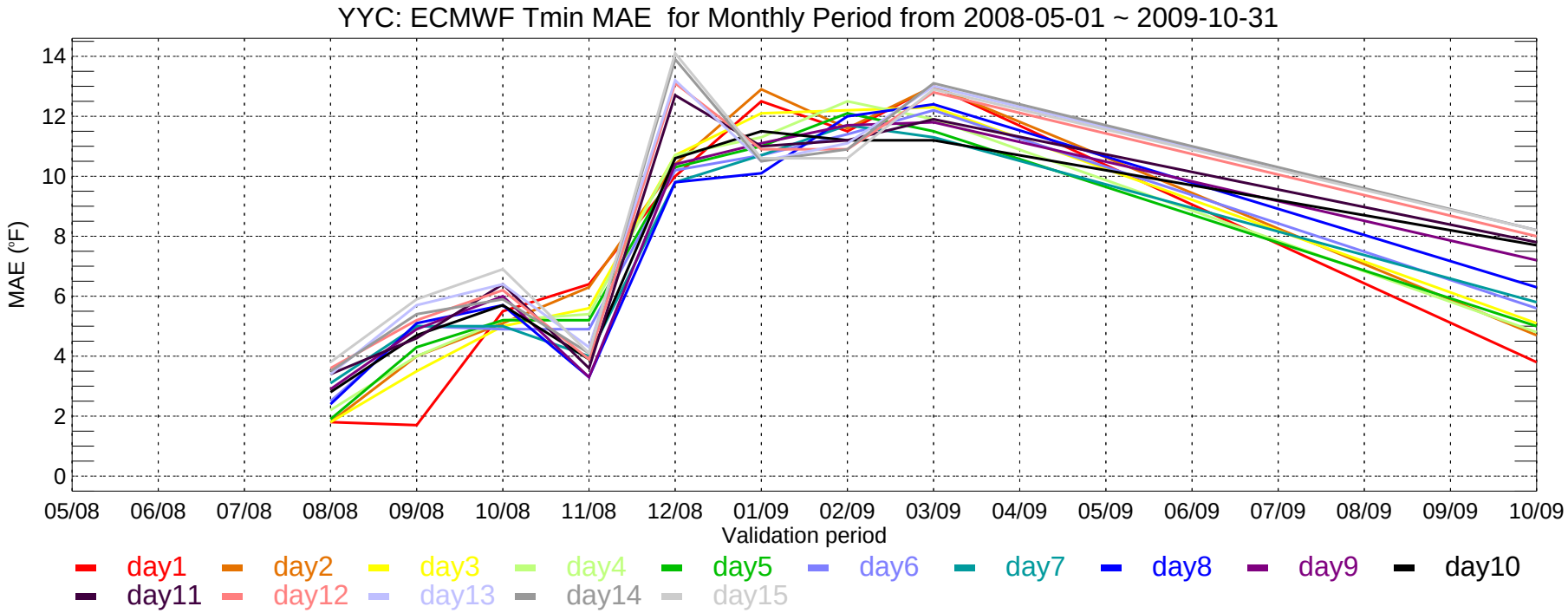

YXD: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
10
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

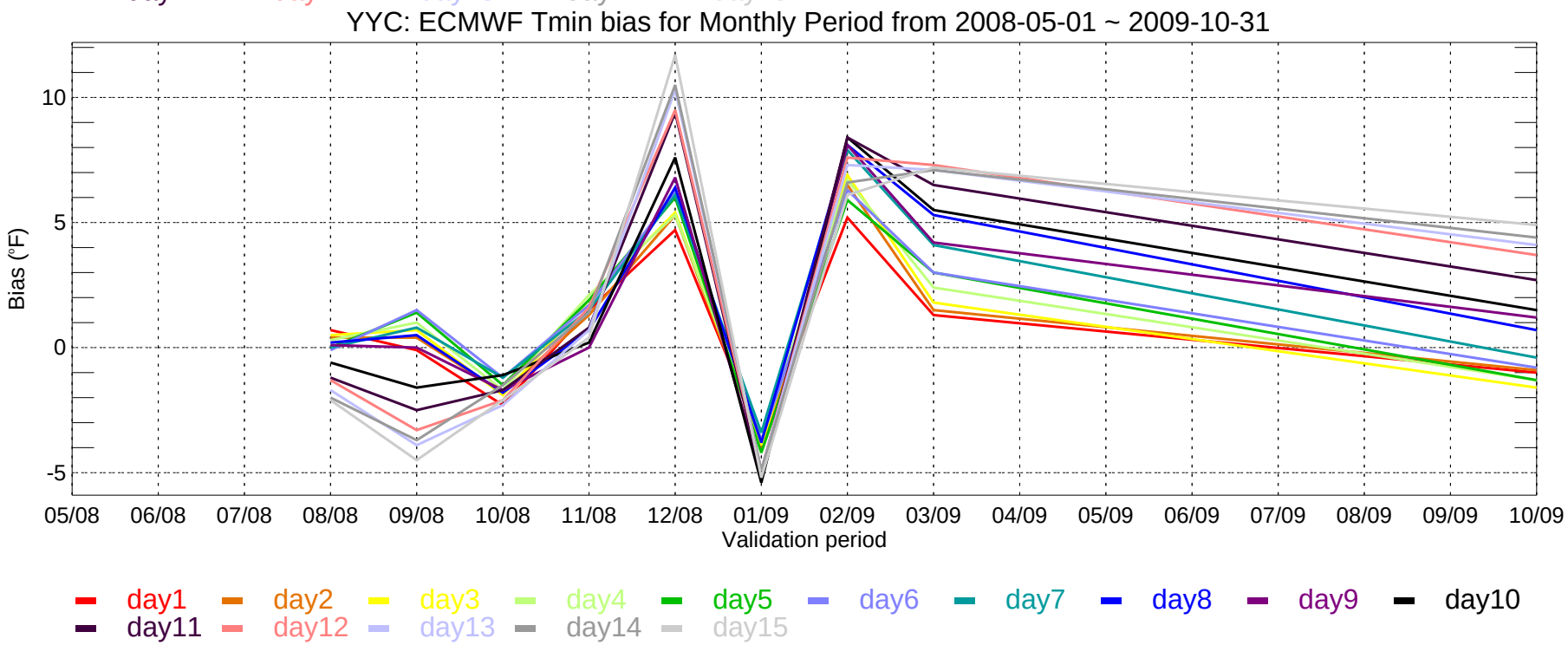

YXD: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
5
10
15
20
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

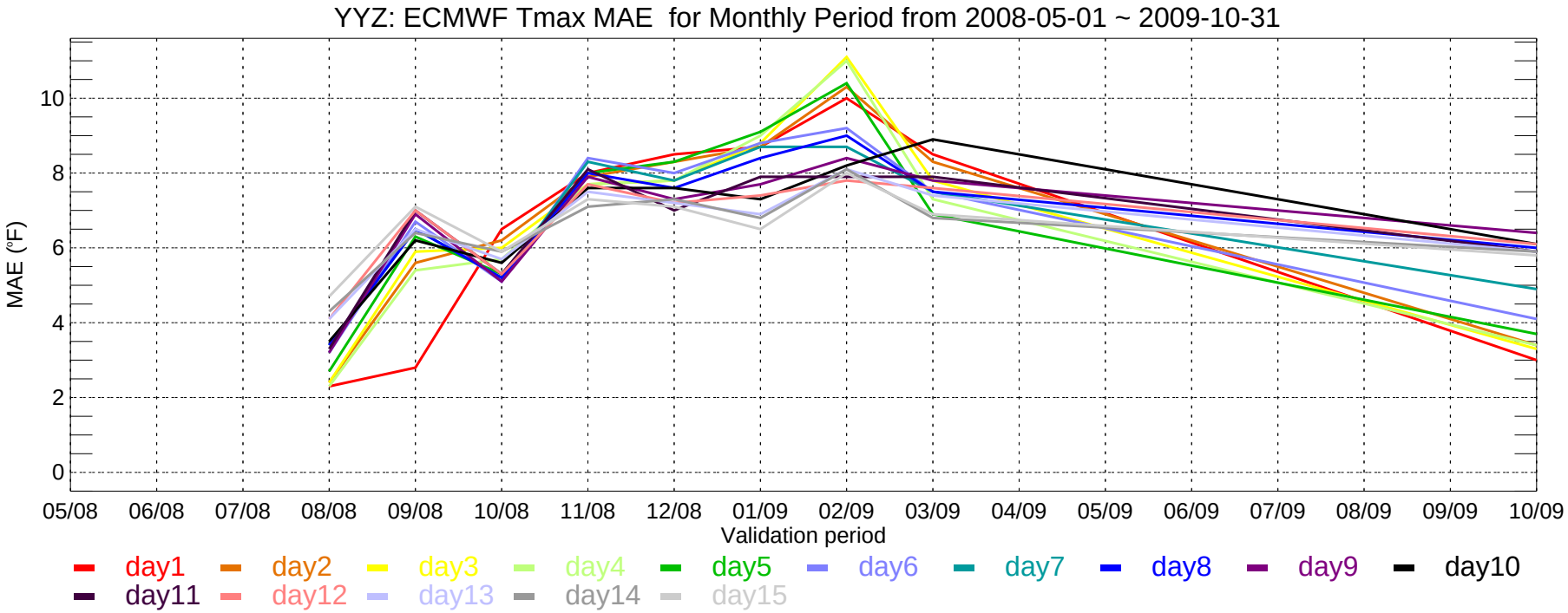

YXD: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
0
5
10
15
20
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

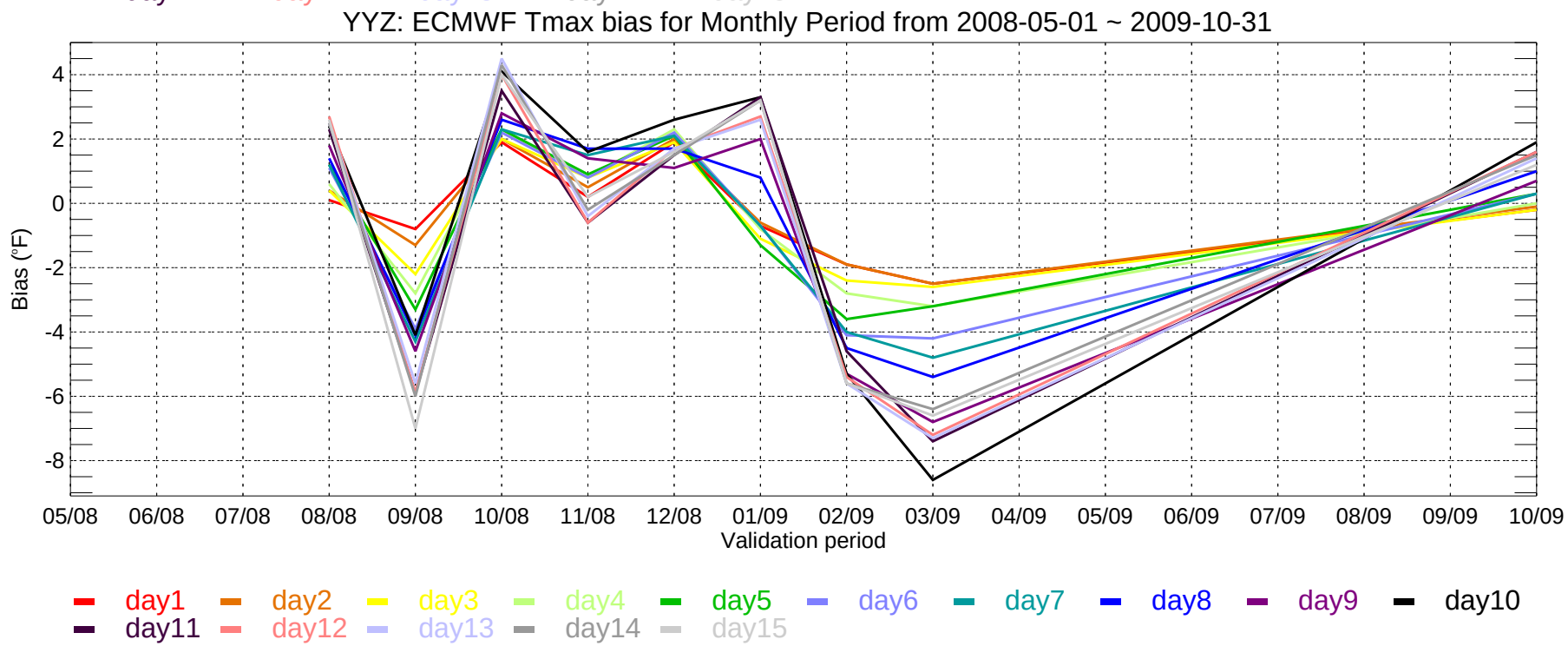

YYC: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
15
10
5
0
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

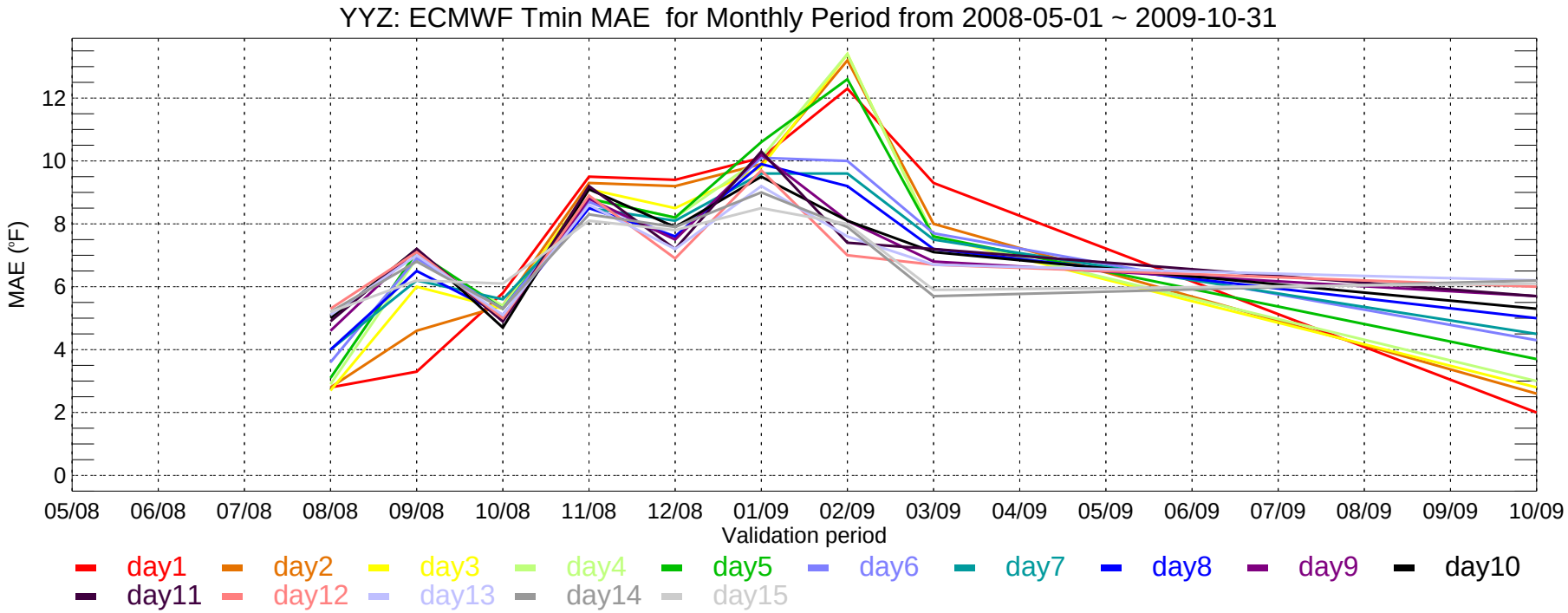

YYC: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
10
5
0
-5
-10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

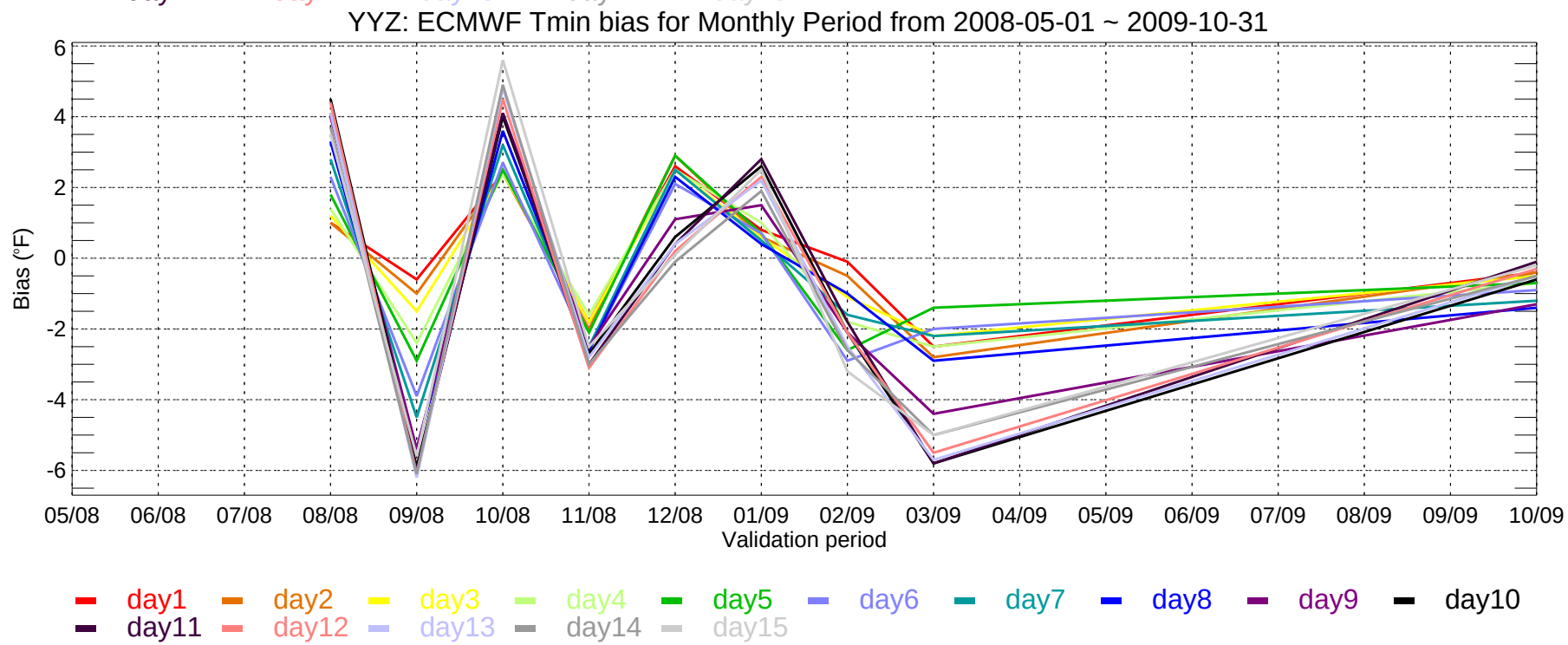

YYC: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
14
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

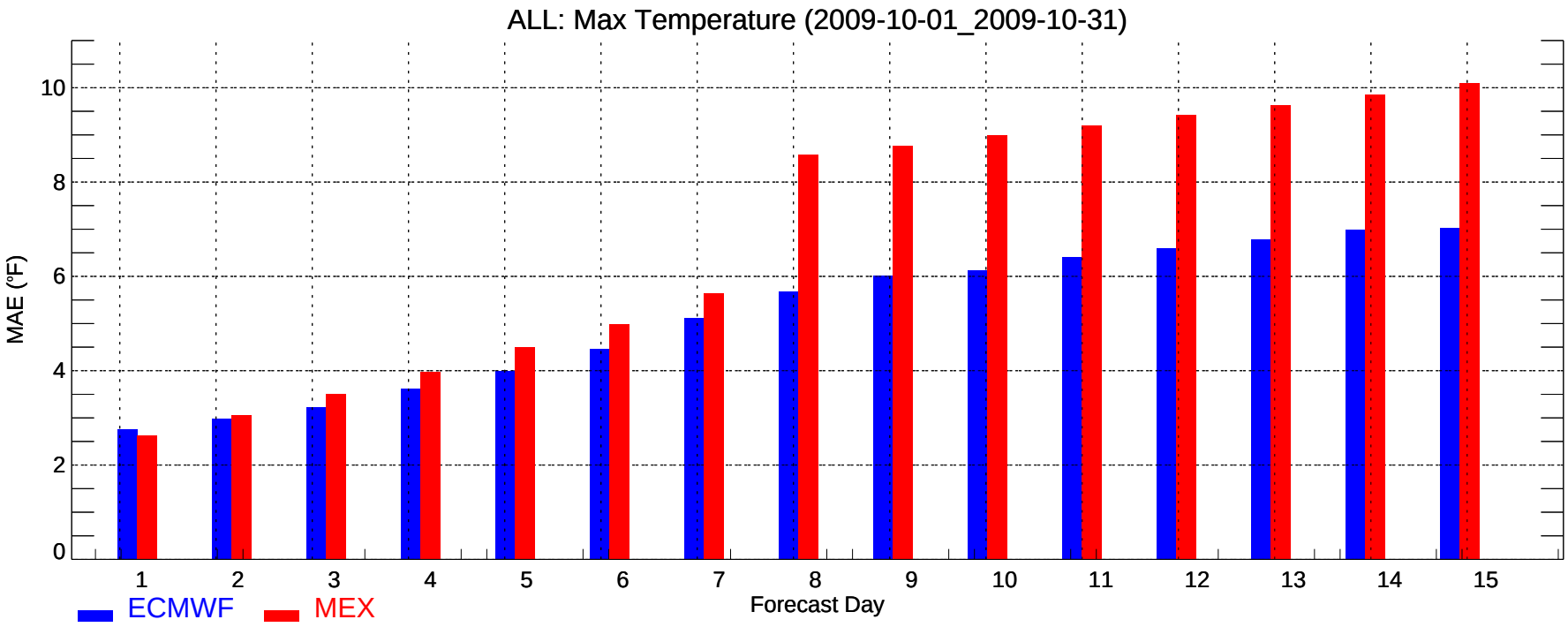

YYC: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
-5
0
5
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

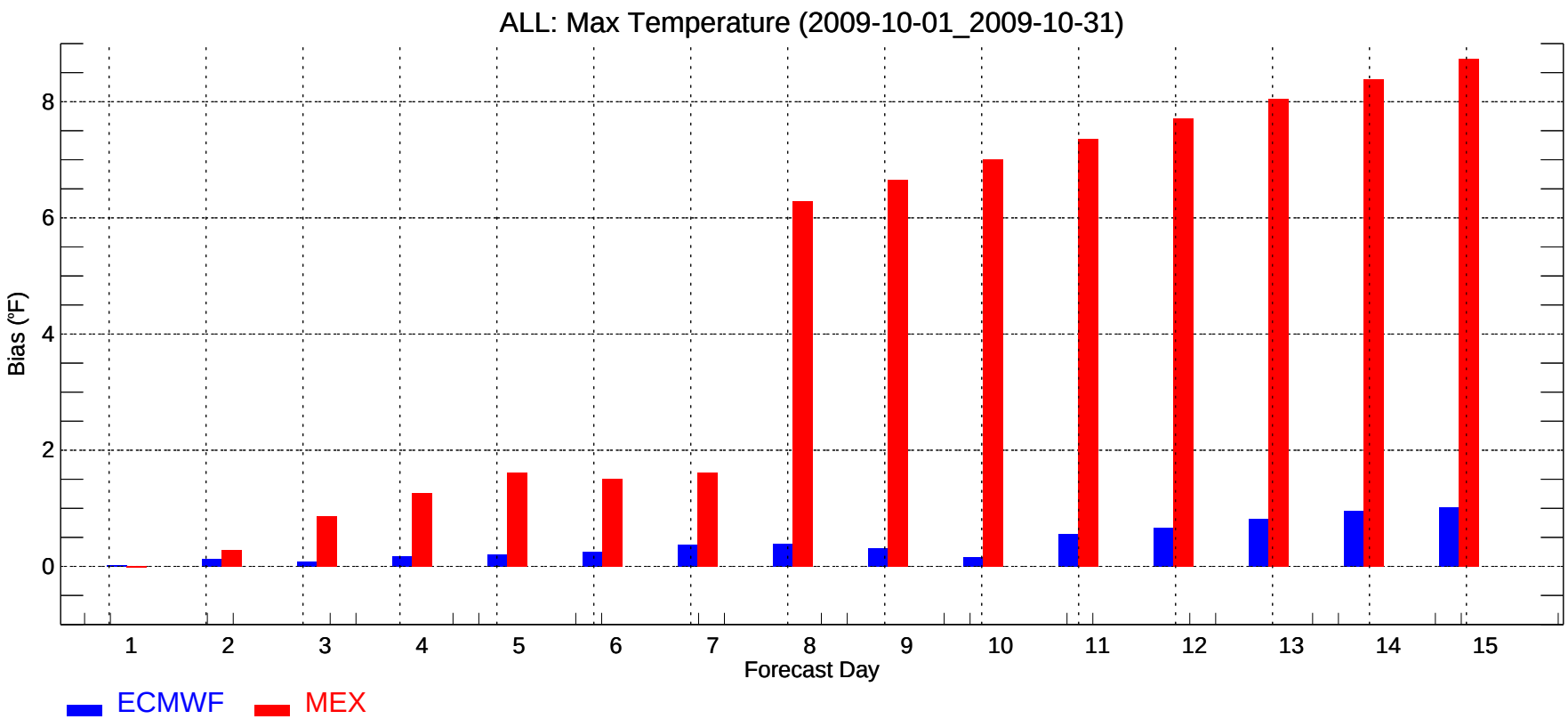

YYZ: ECMWF Tmax MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

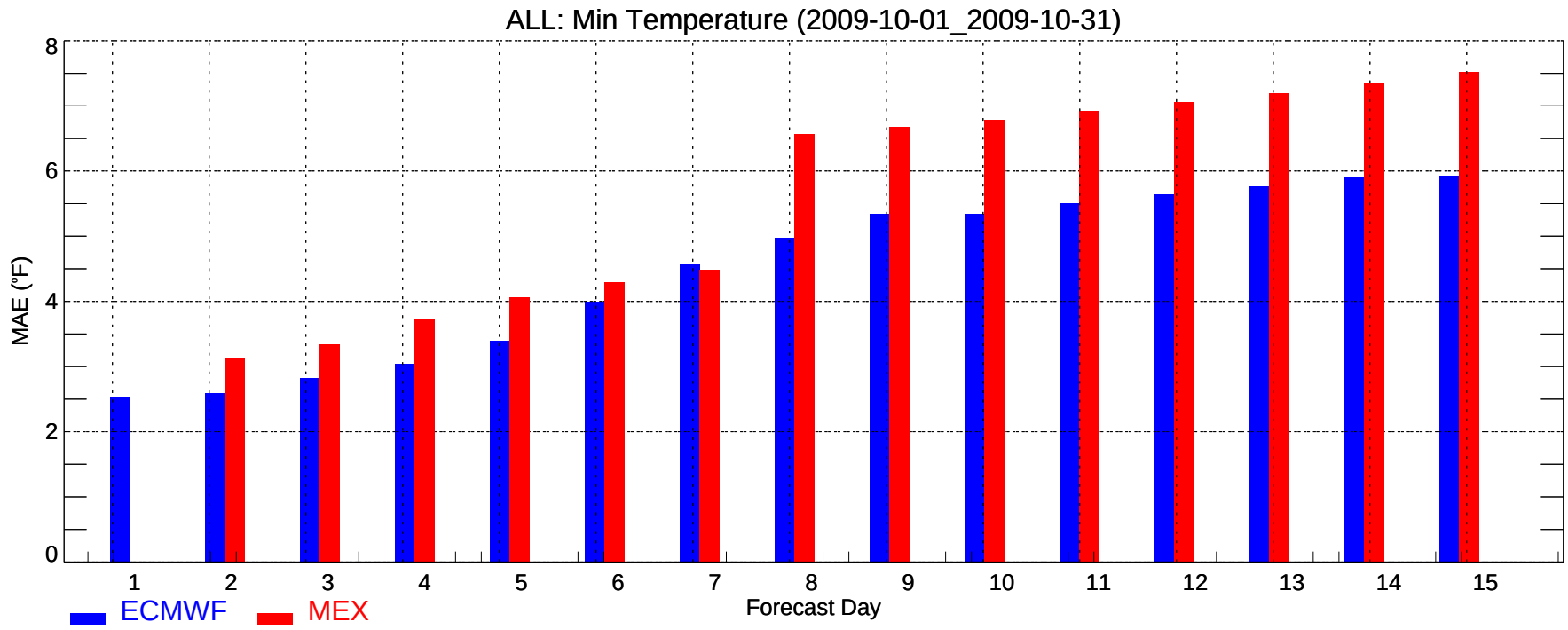

YYZ: ECMWF Tmax bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
4
2
0
-2
-4
-6
-8
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15

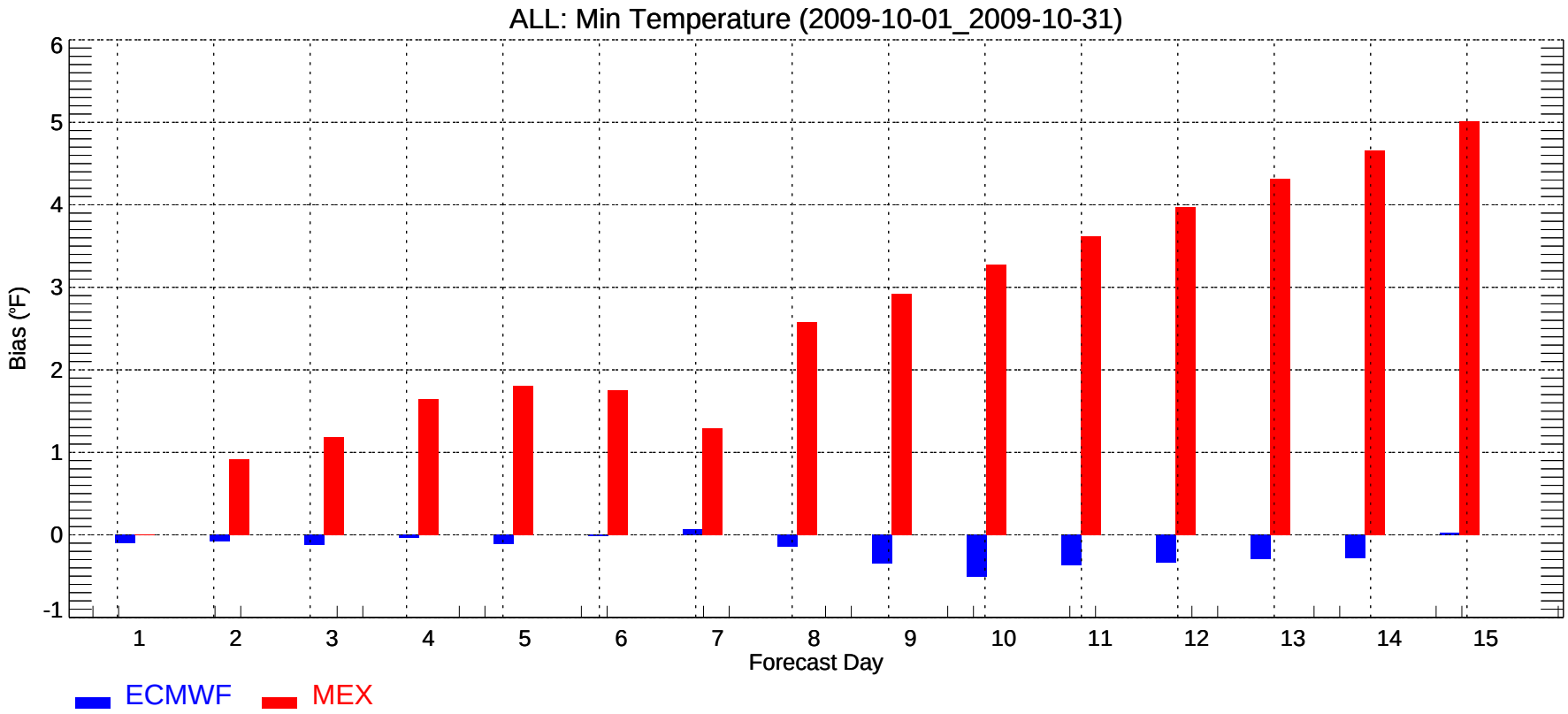

YYZ: ECMWF Tmin MAE for Monthly Period from 2008-05-01 ~ 2009-10-31
MAE (°F)
0
2
4
6
8
10
12
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


YYZ: ECMWF Tmin bias for Monthly Period from 2008-05-01 ~ 2009-10-31
Bias (°F)
6
4
2
0
-2
-4
-6
05/08
06/08
07/08
08/08
09/08
10/08
11/08
12/08
01/09
02/09
03/09
04/09
05/09
06/09
07/09
08/09
09/09
10/09
Validation period
day1
day2
day3
day4
day5
day6
day7
day8
day9
day10
day11
day12
day13
day14
day15


ALL: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ALL: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ALL: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ALL: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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10
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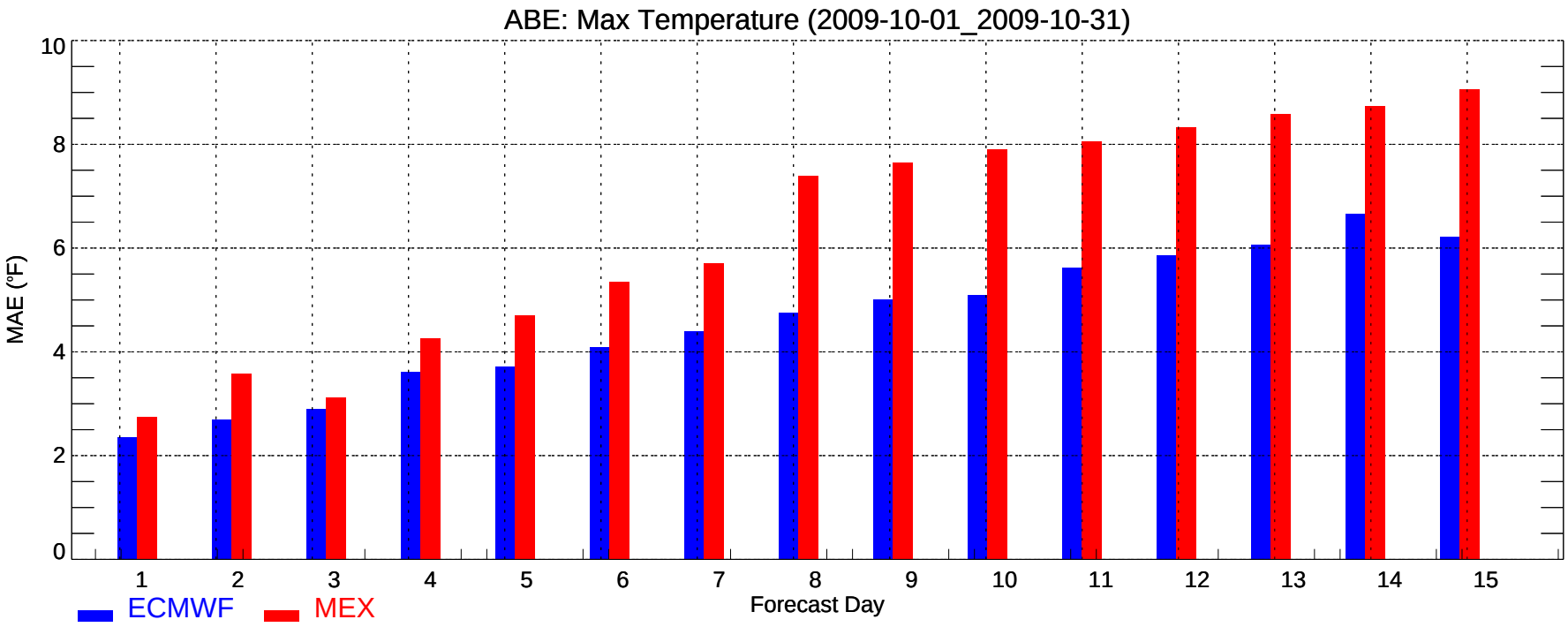
12
13
14
15
Forecast Day
ECMWF
MEX


ABE: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
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5
6
7
8
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10
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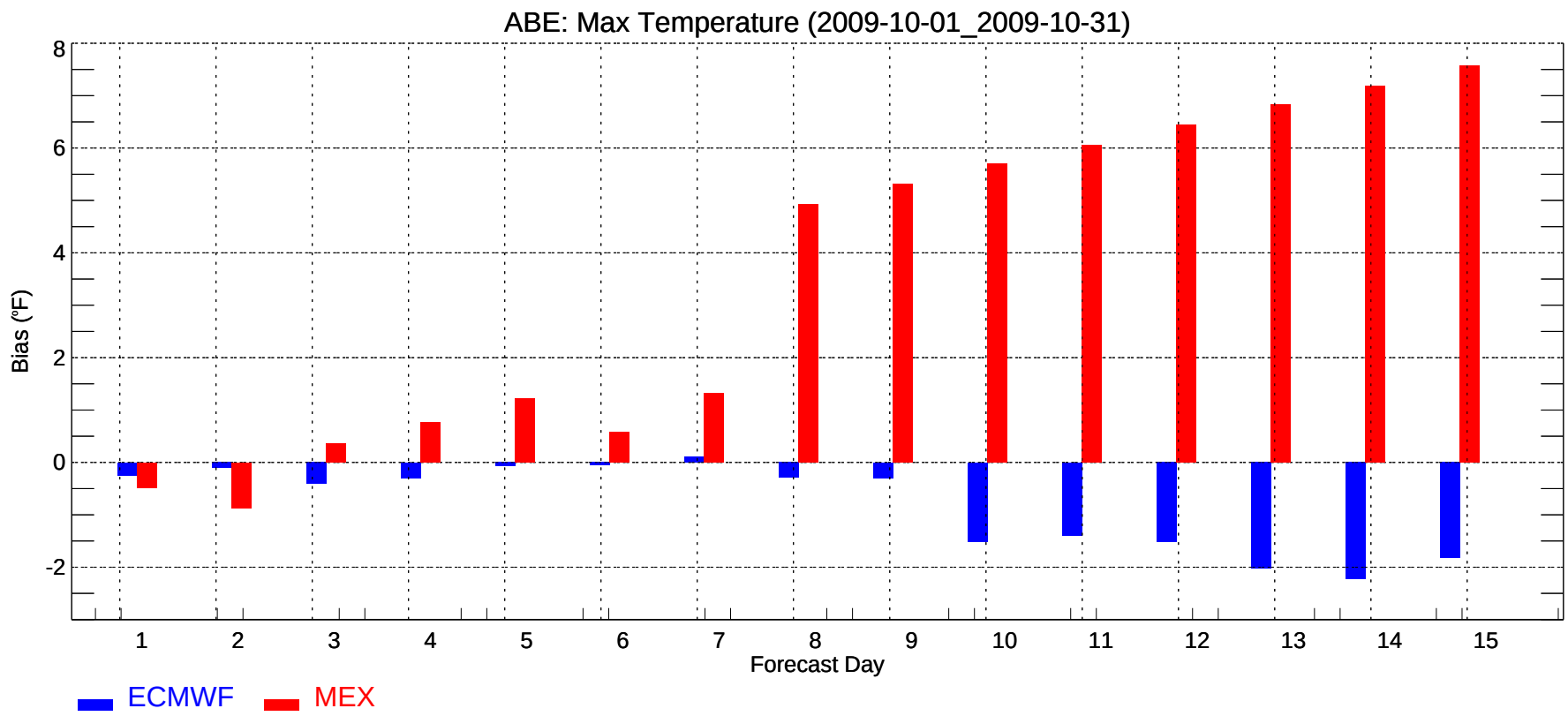
12
13
14
15
Forecast Day
ECMWF
MEX


ABE: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
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5
6
7
8
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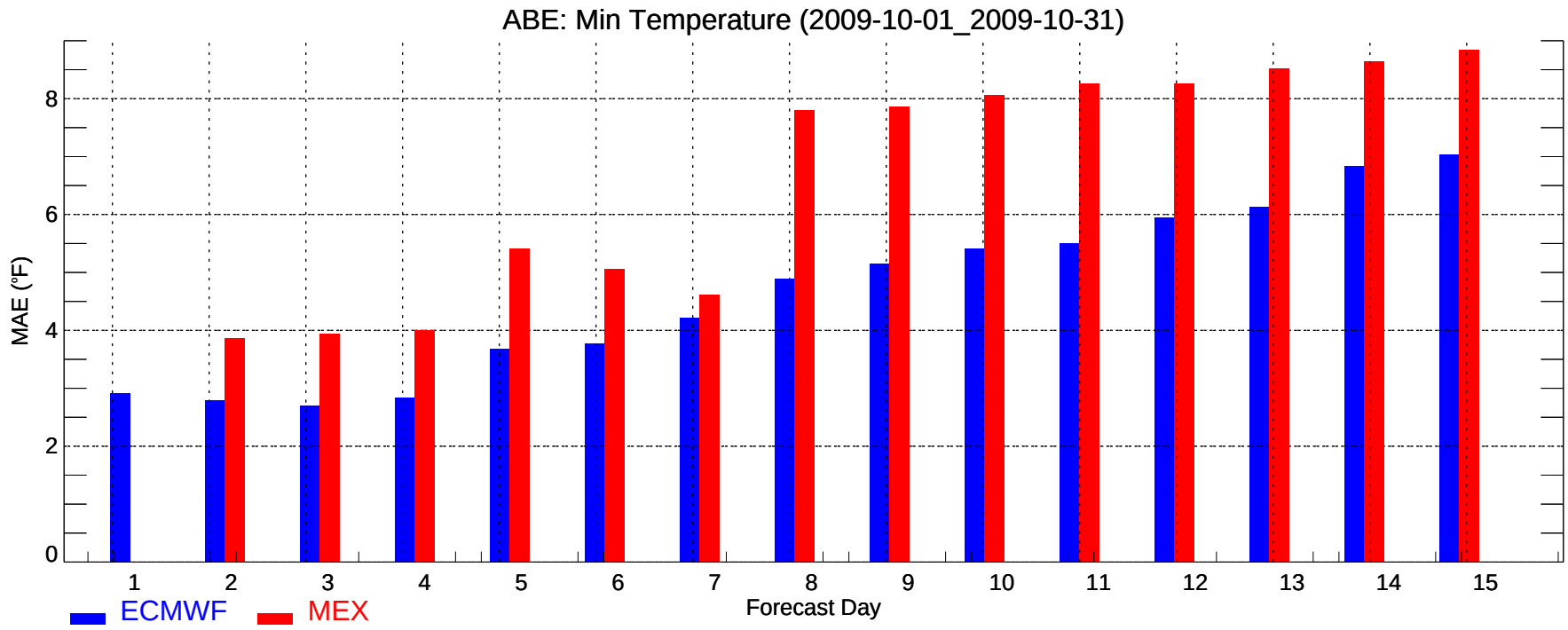
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABE: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
7
8
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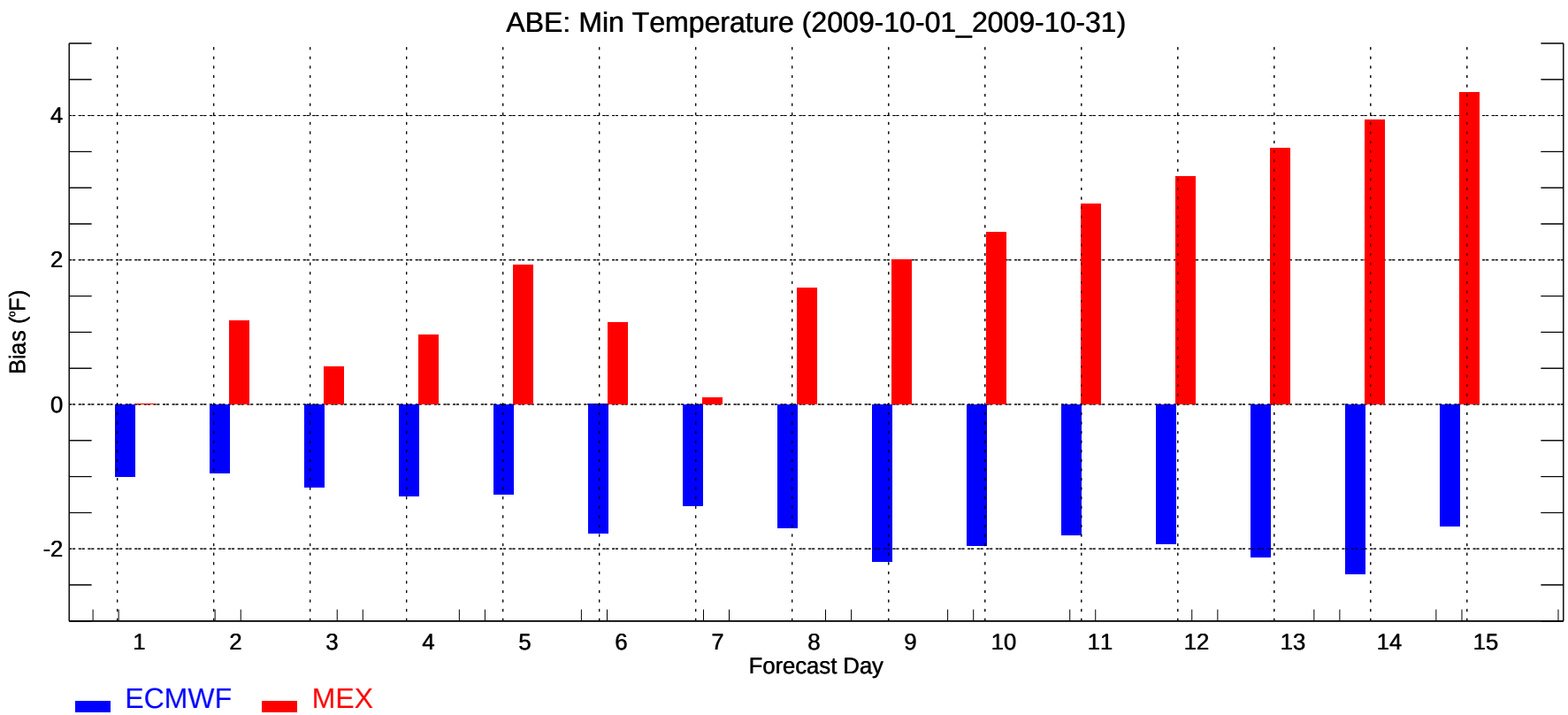
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABE: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
1
2
3
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6
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8
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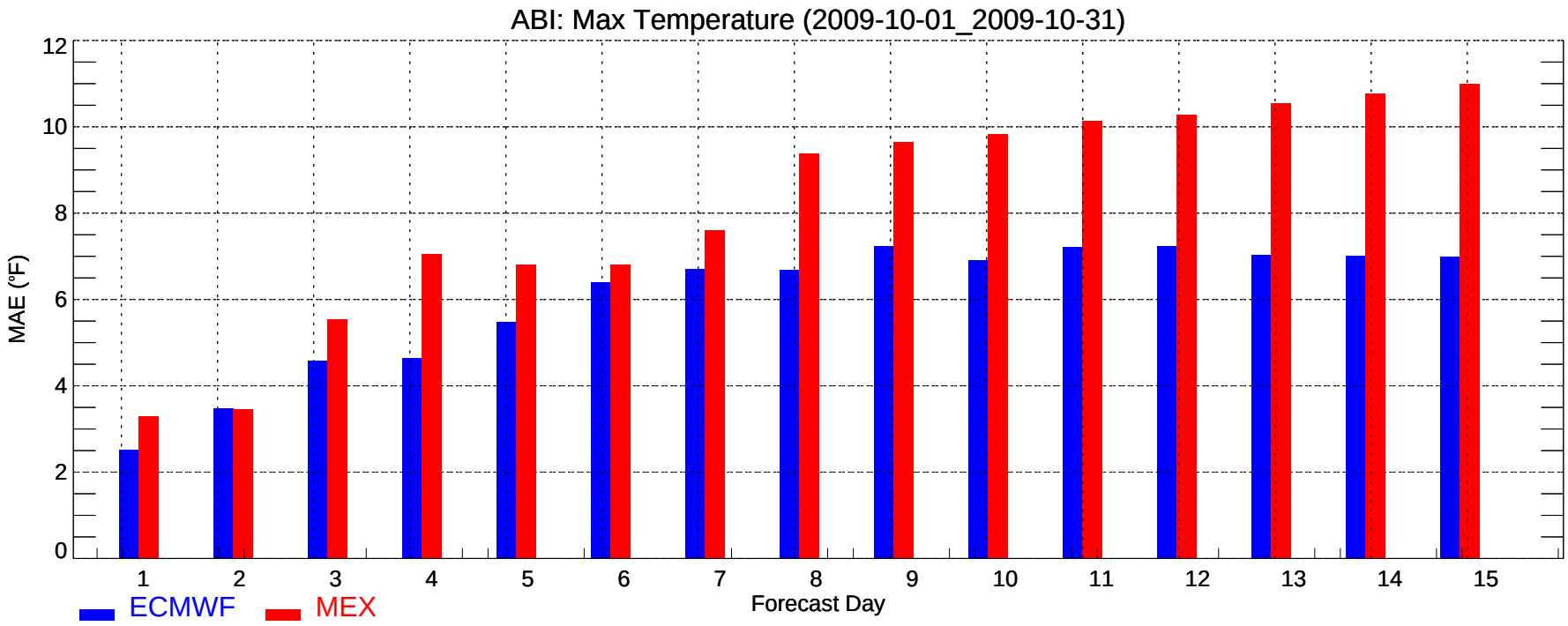
12
13
14
15
Forecast Day
ECMWF
MEX


ABI: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
1
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6
7
8
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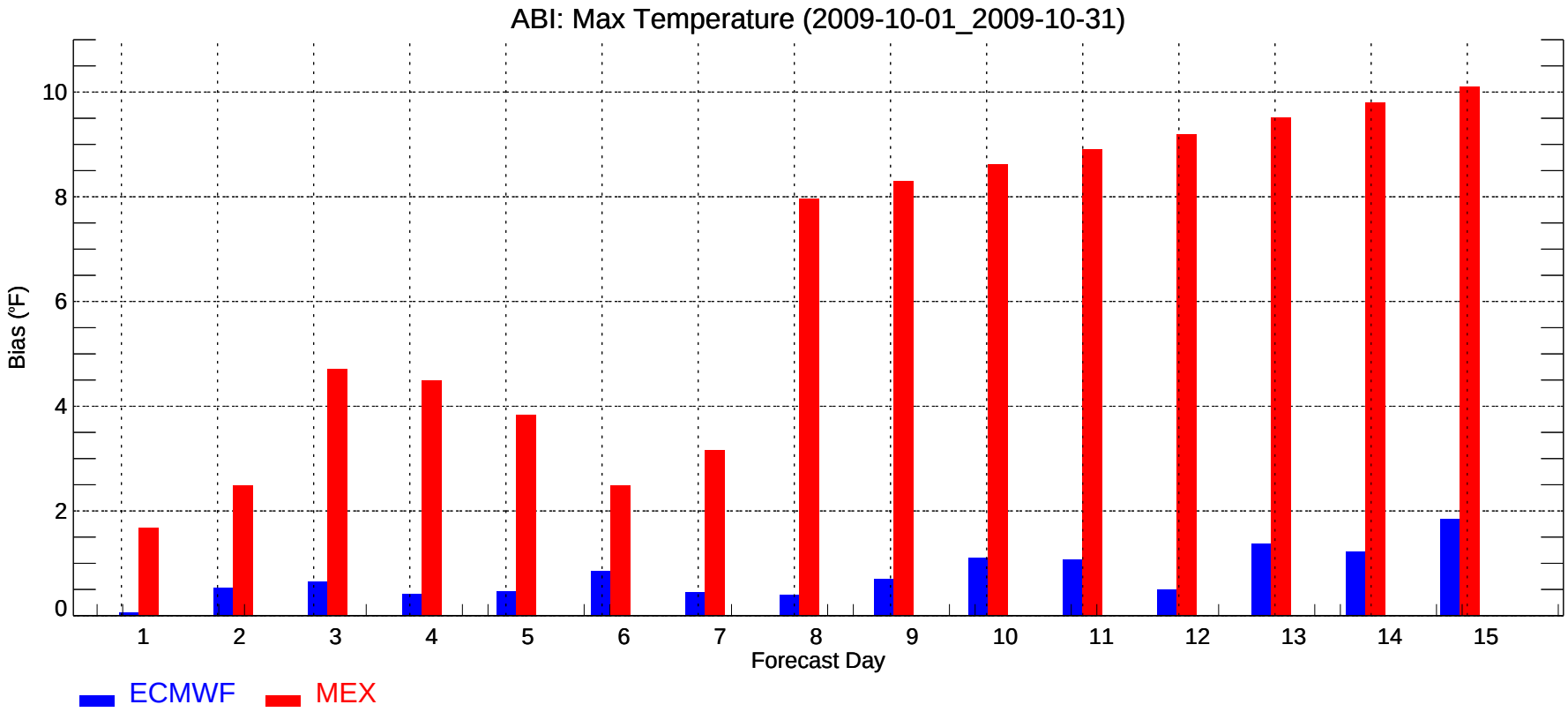
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABI: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
1
2
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8
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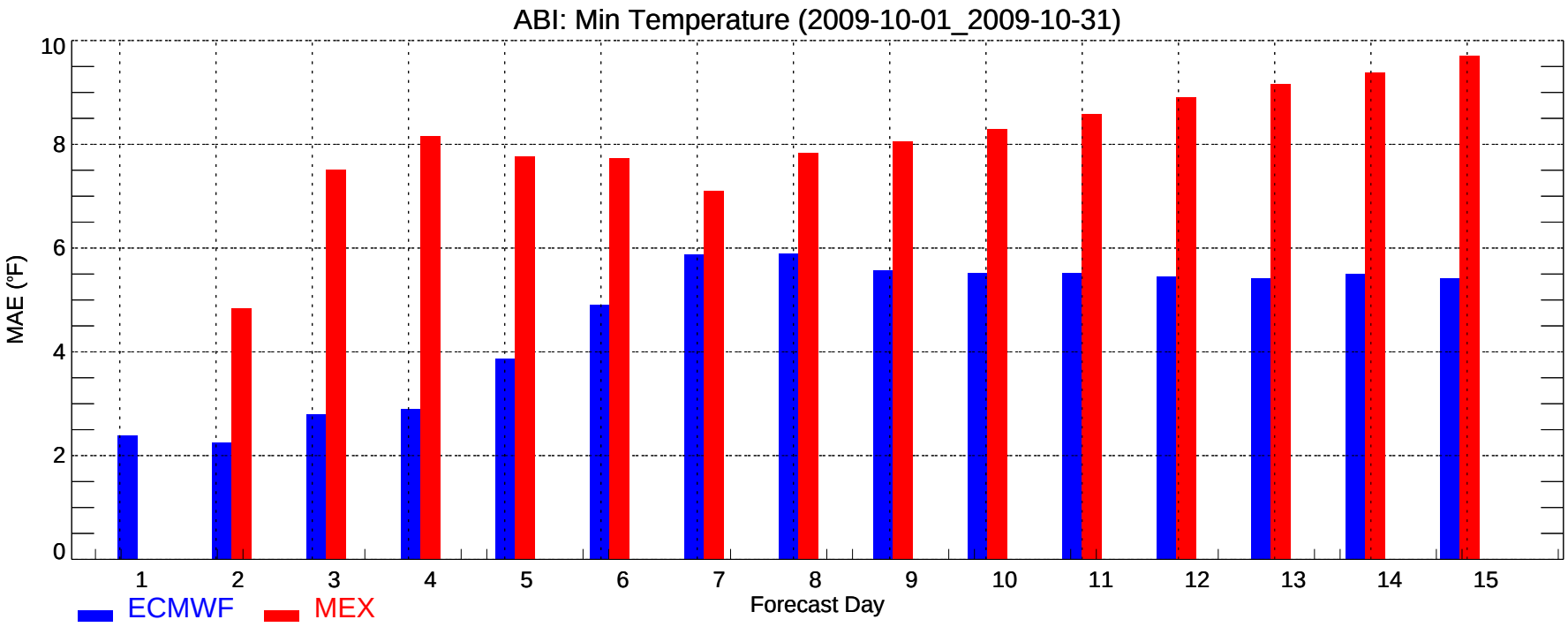
12
13
14
15
Forecast Day
ECMWF
MEX


ABI: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
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6
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8
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10
11
12
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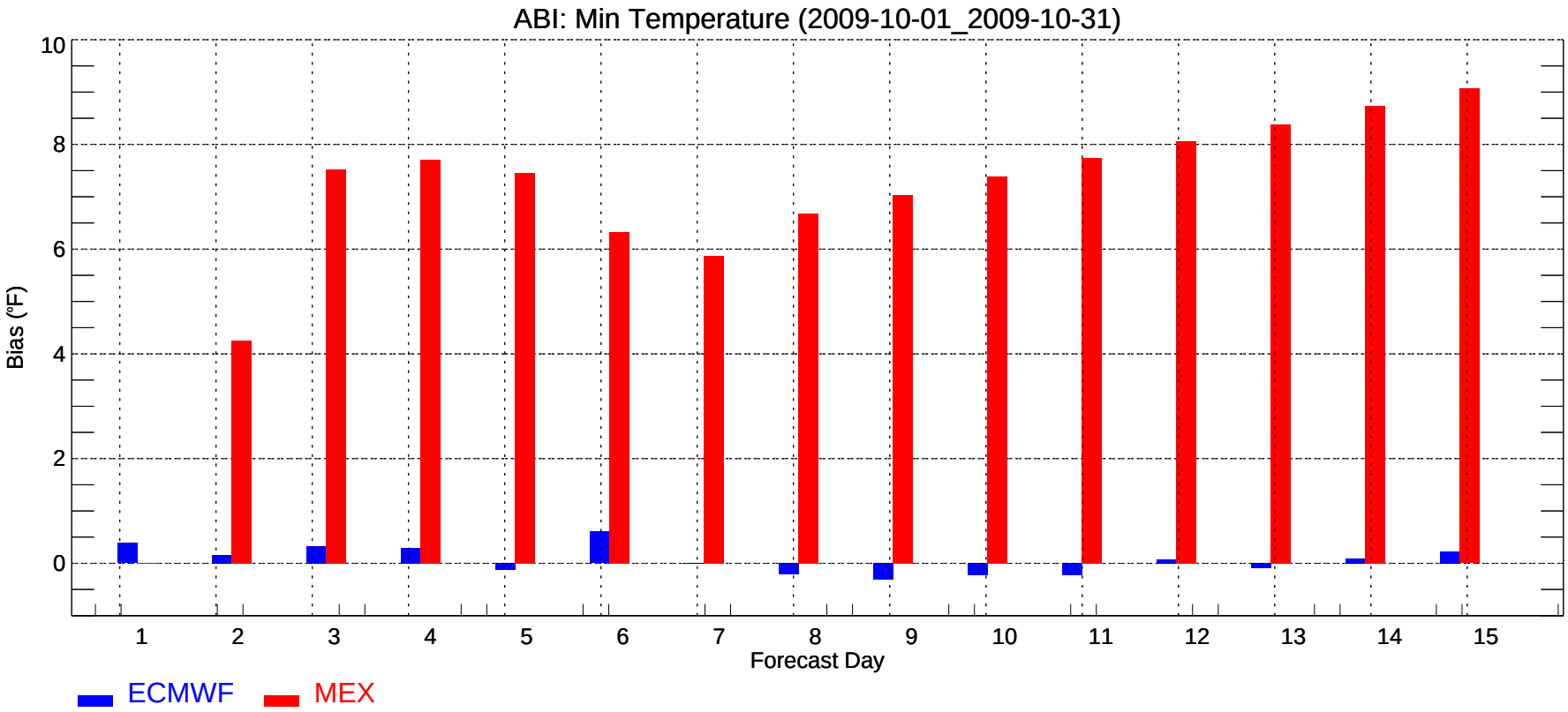
14
15
Forecast Day
ECMWF
MEX


ABI: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
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5
6
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8
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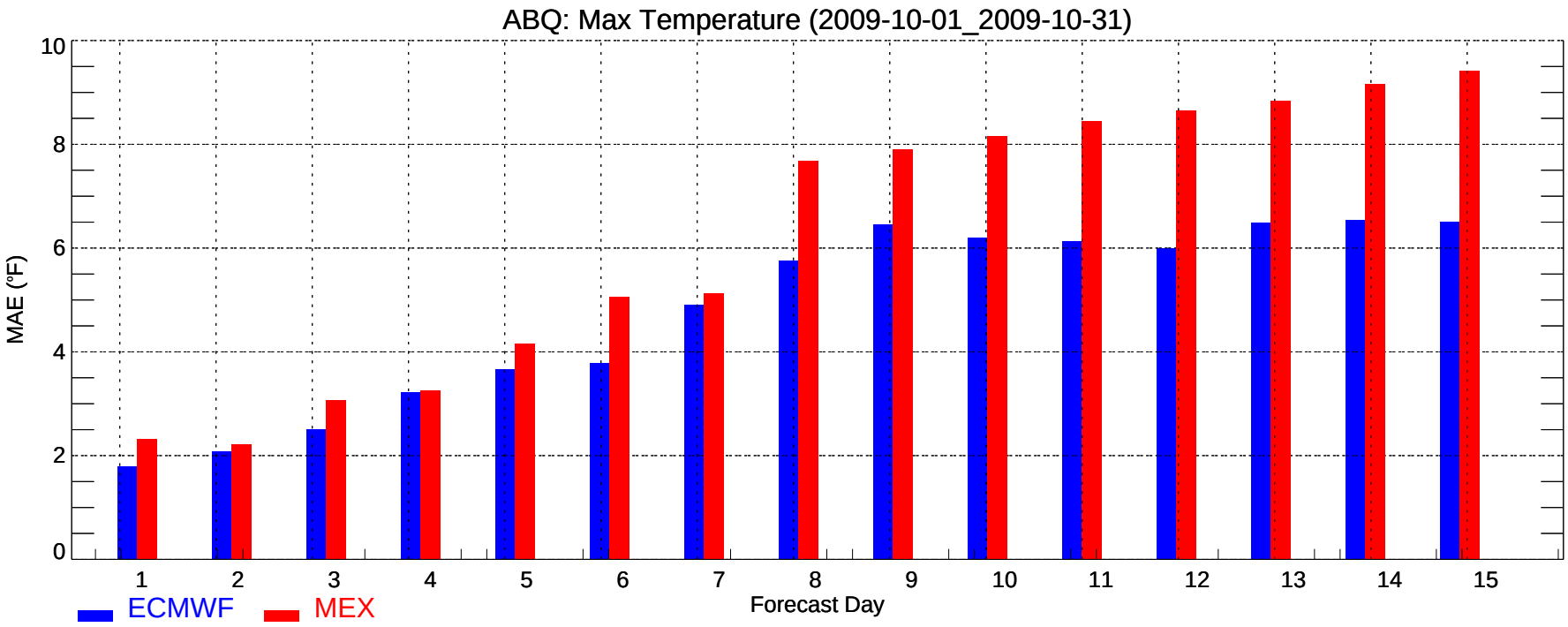
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABQ: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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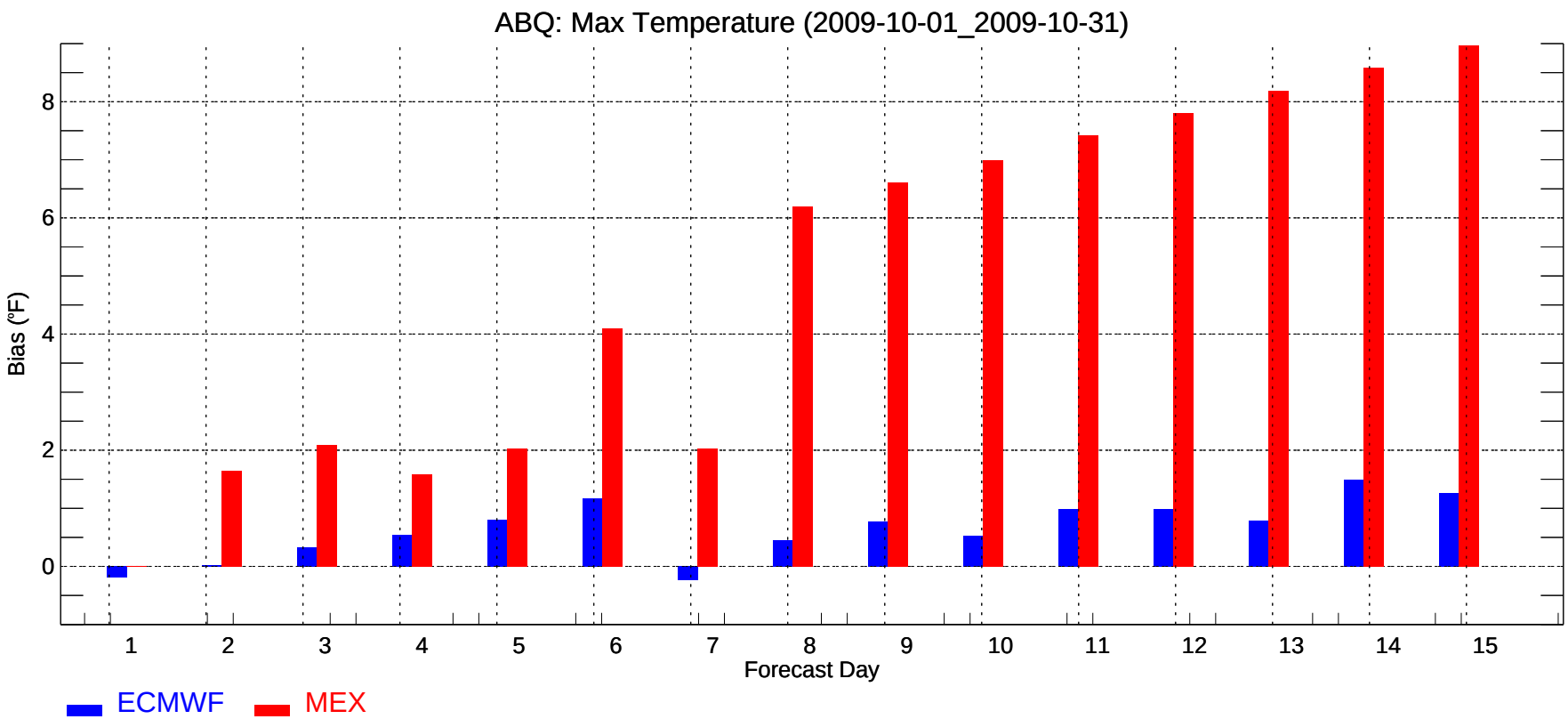
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABQ: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
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6
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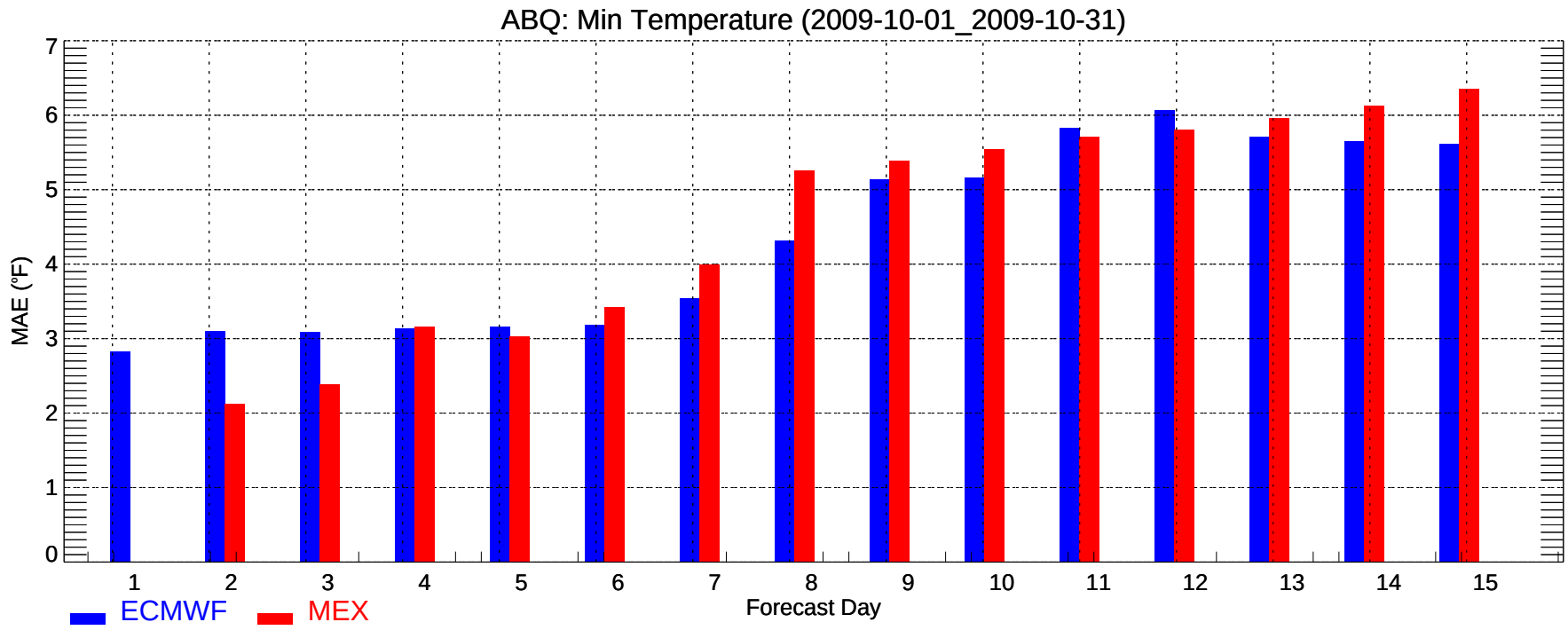
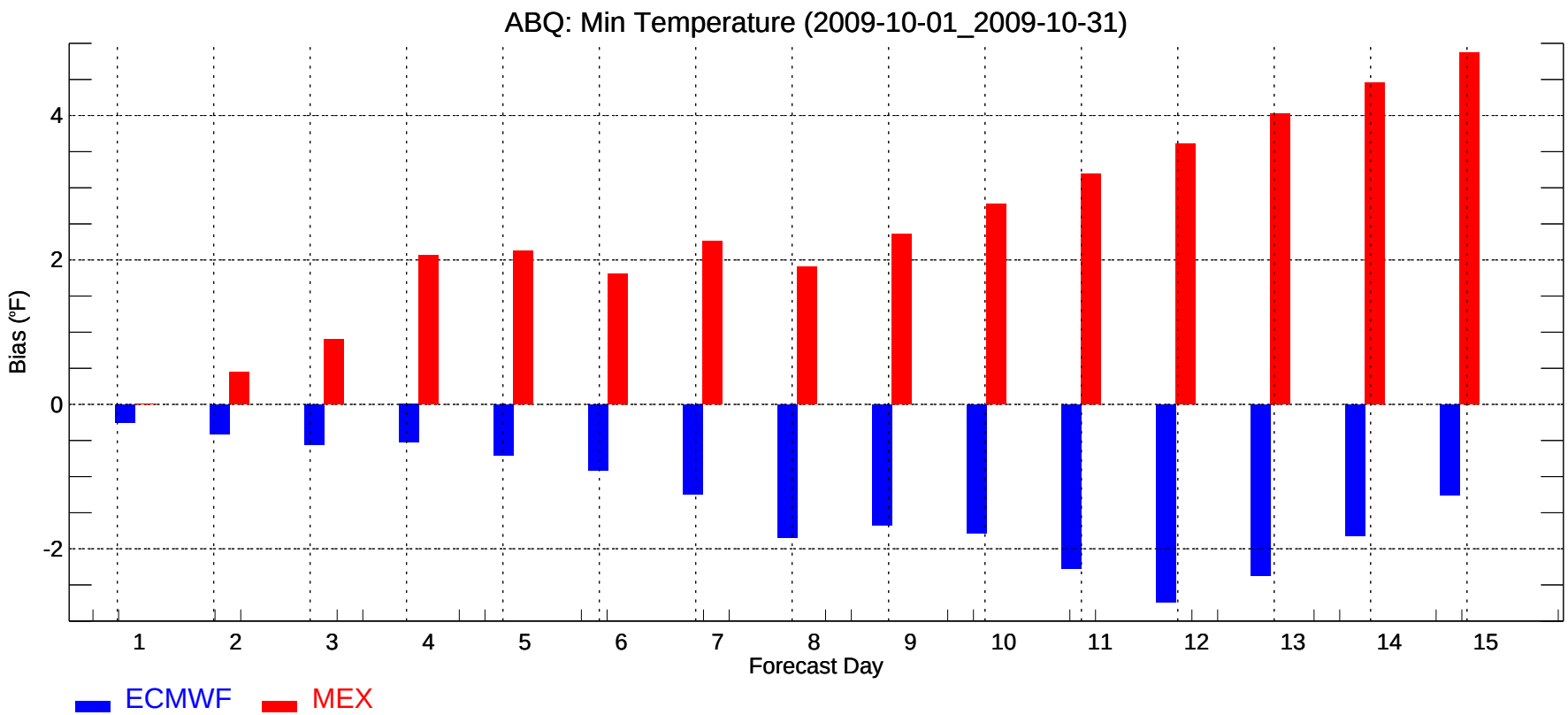
14
15
Forecast Day
ECMWF
MEX


ABQ: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABQ: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
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1
2
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4
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12
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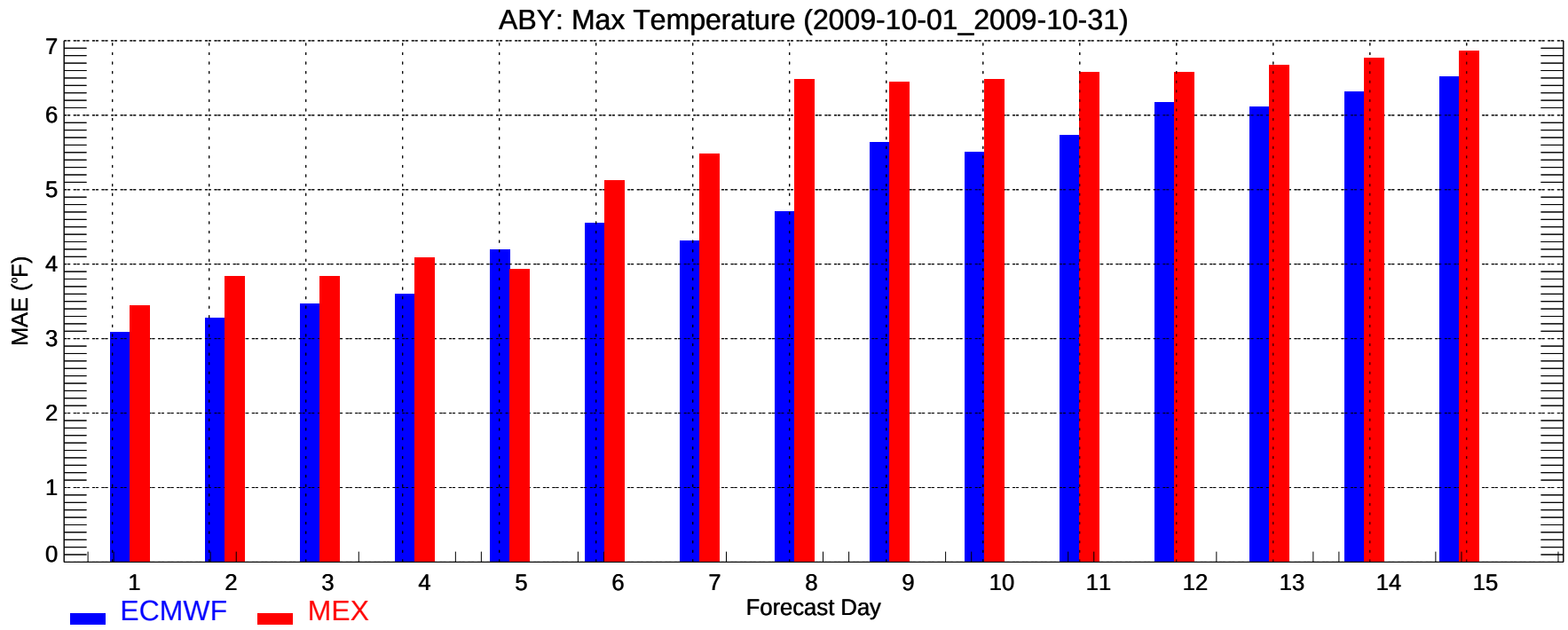
14
15
Forecast Day
ECMWF
MEX


ABY: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
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6
7
1
2
3
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5
6
7
8
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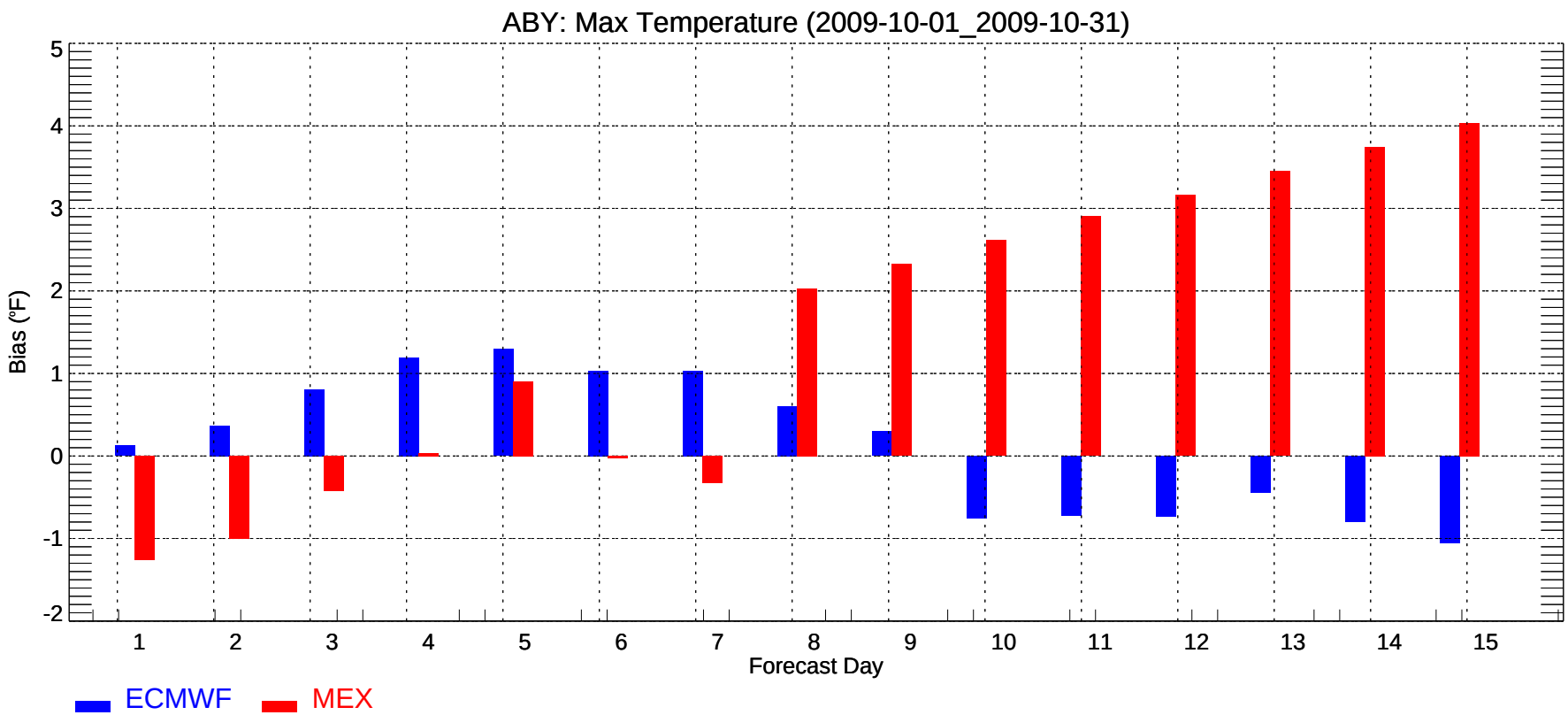
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABY: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
4
5
1
2
3
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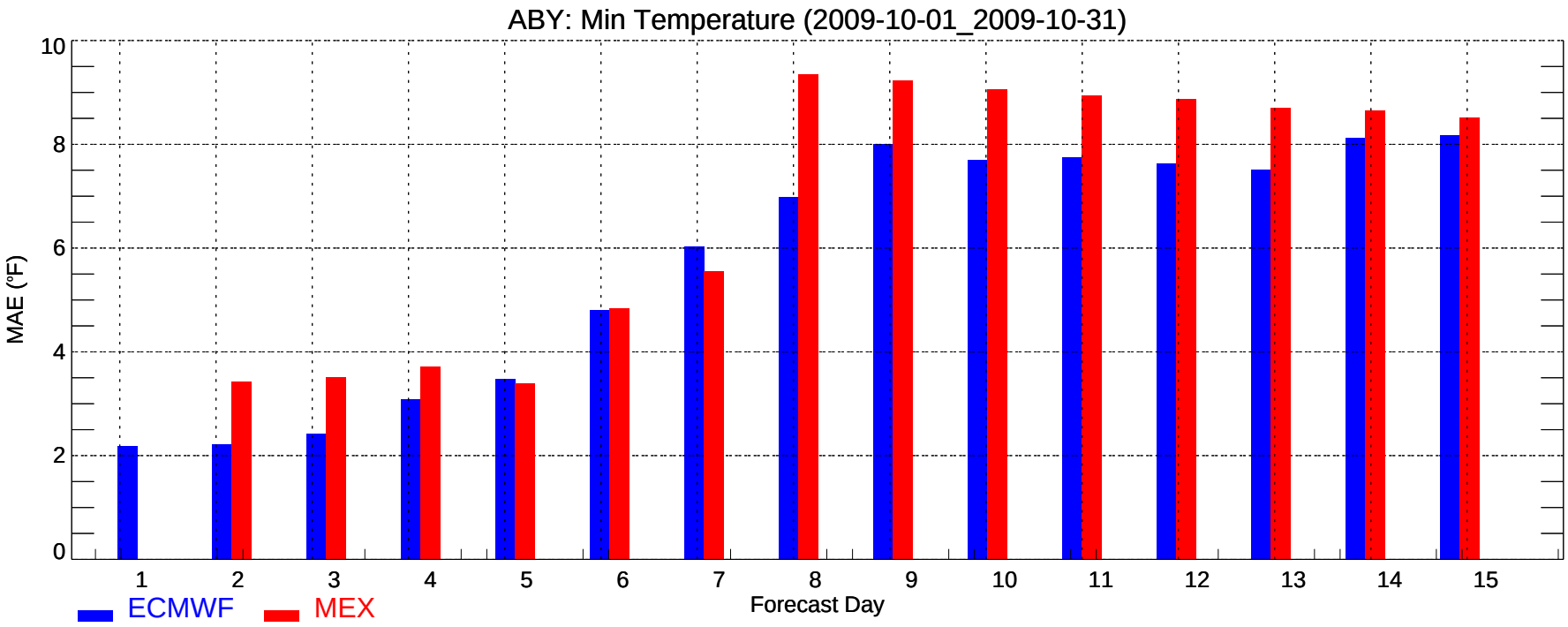
Forecast Day
ECMWF
MEX


ABY: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
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5
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8
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13
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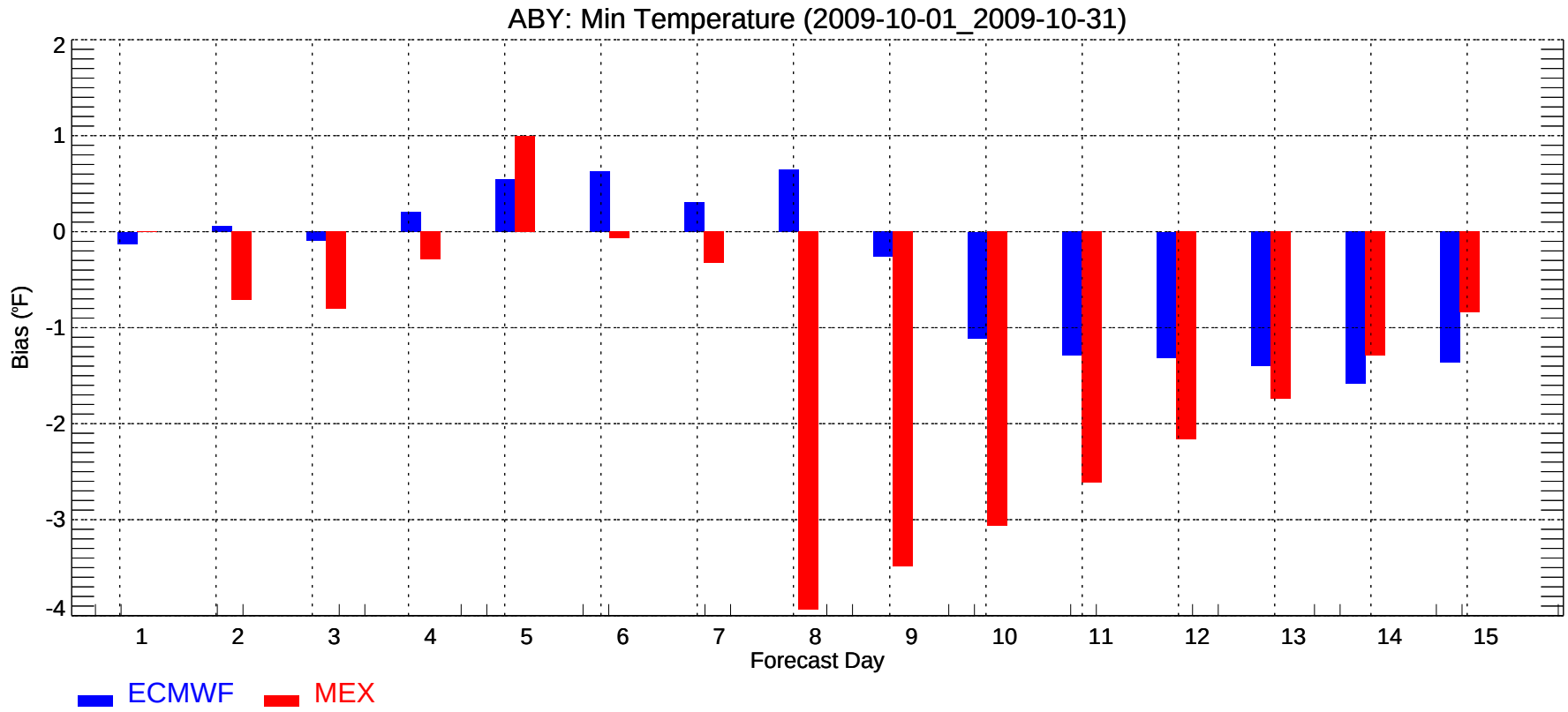
Forecast Day
ECMWF
MEX


ABY: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
3
4
5
6
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8
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11
12
13
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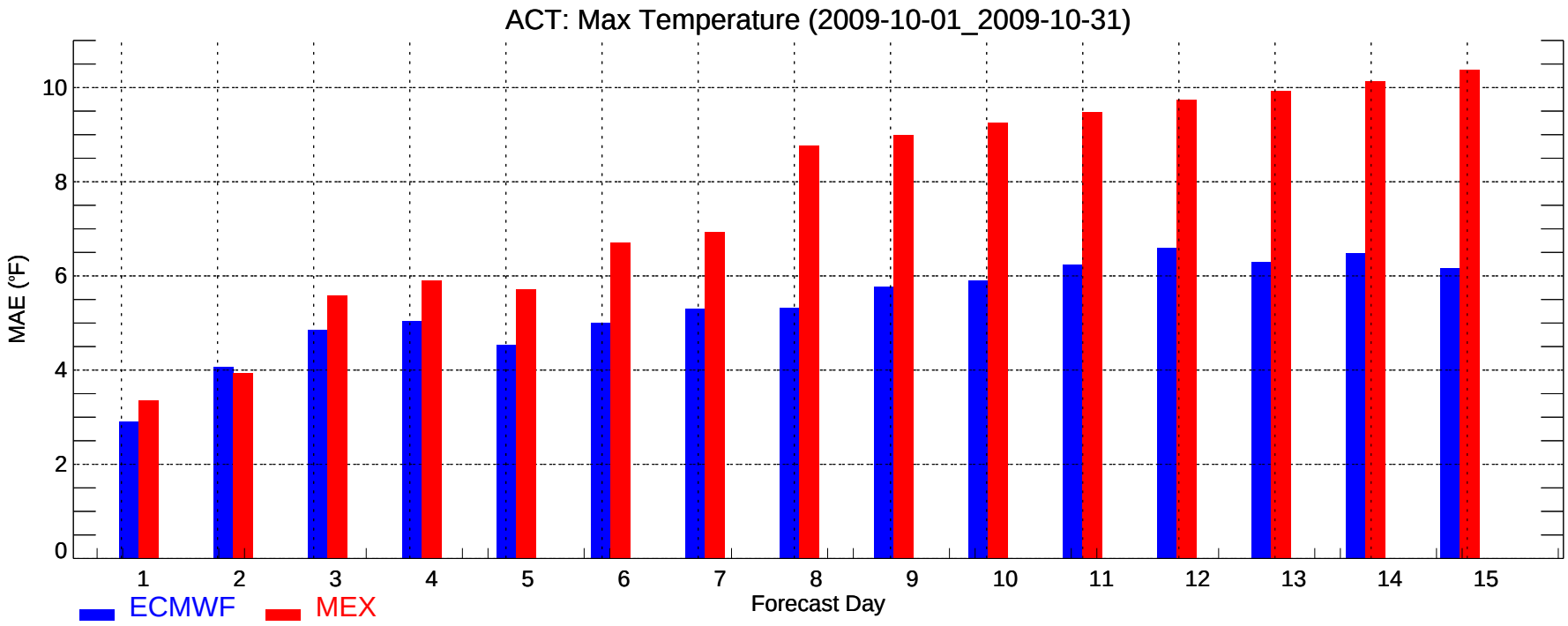
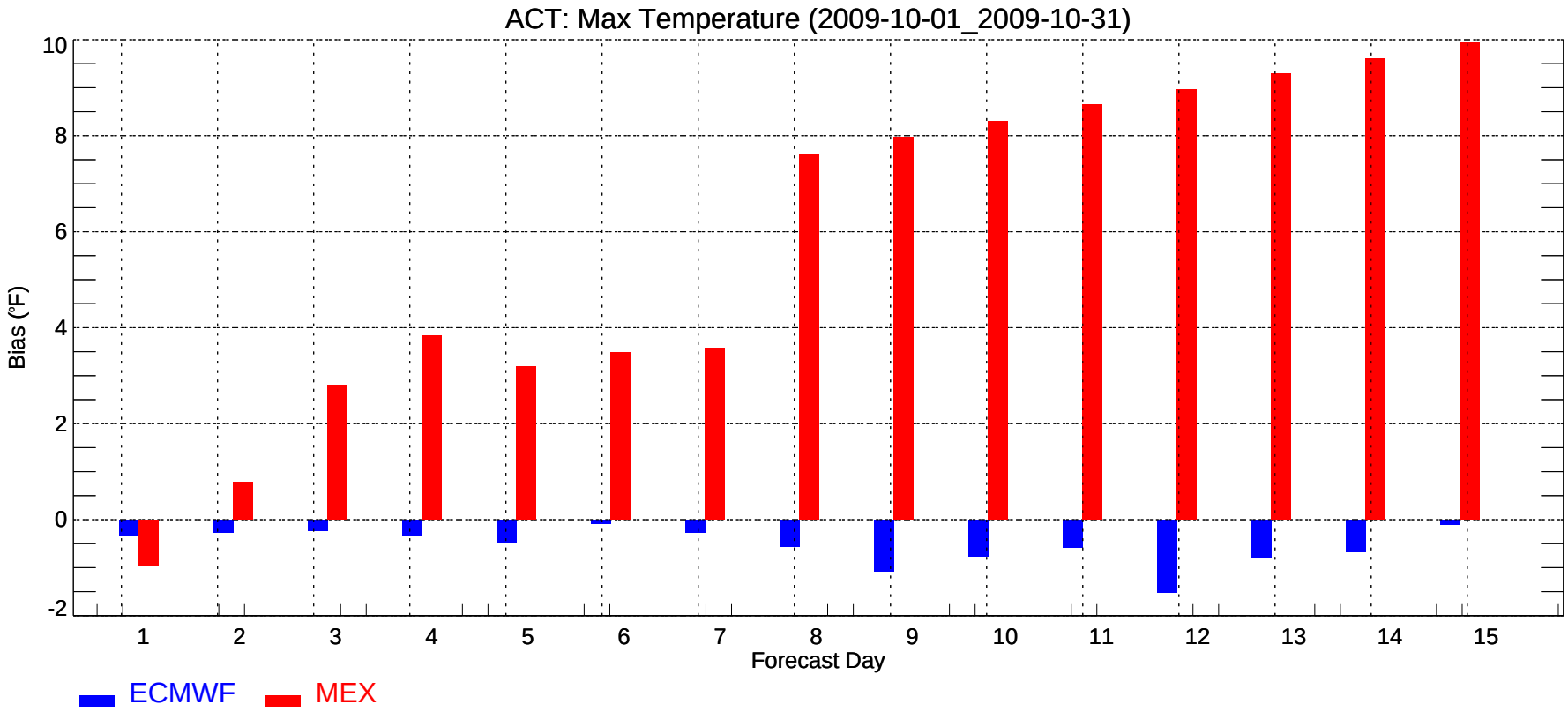
Forecast Day
ECMWF
MEX


ACT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ACT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
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7
8
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13
14
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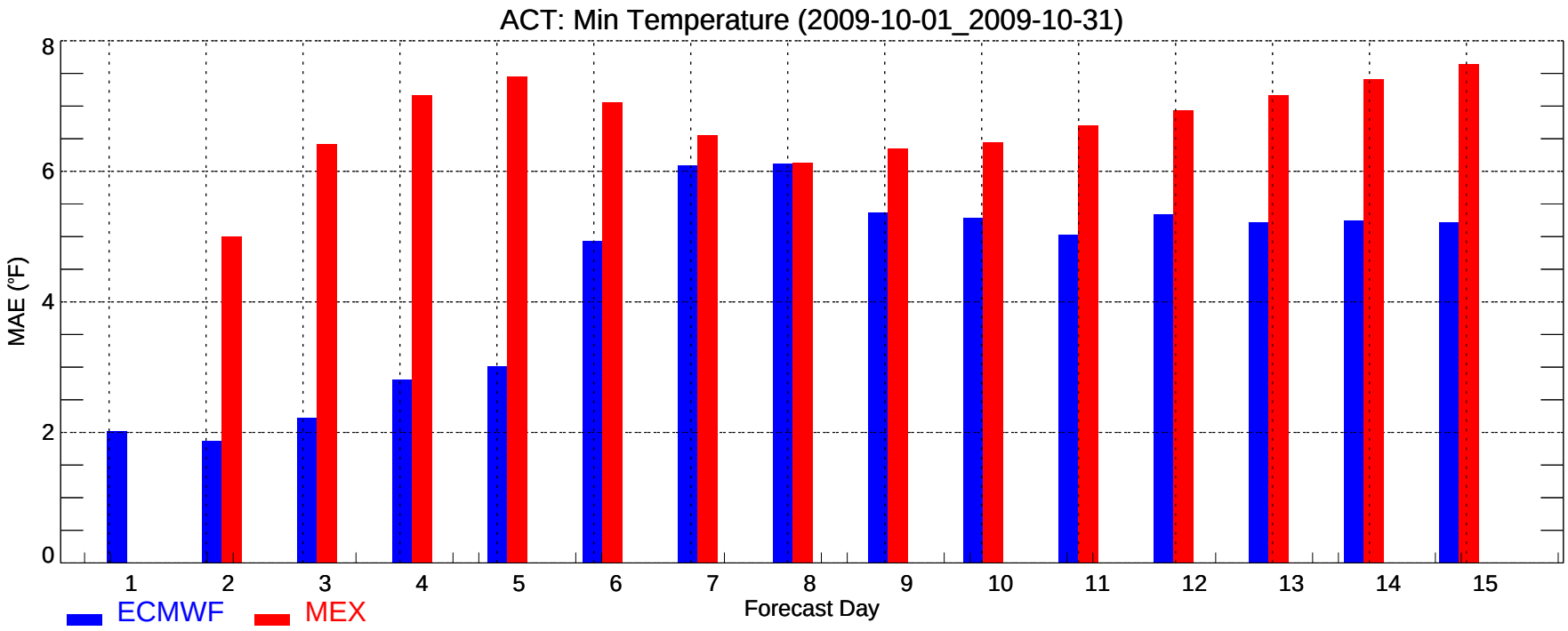
Forecast Day
ECMWF
MEX


ACT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
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5
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7
8
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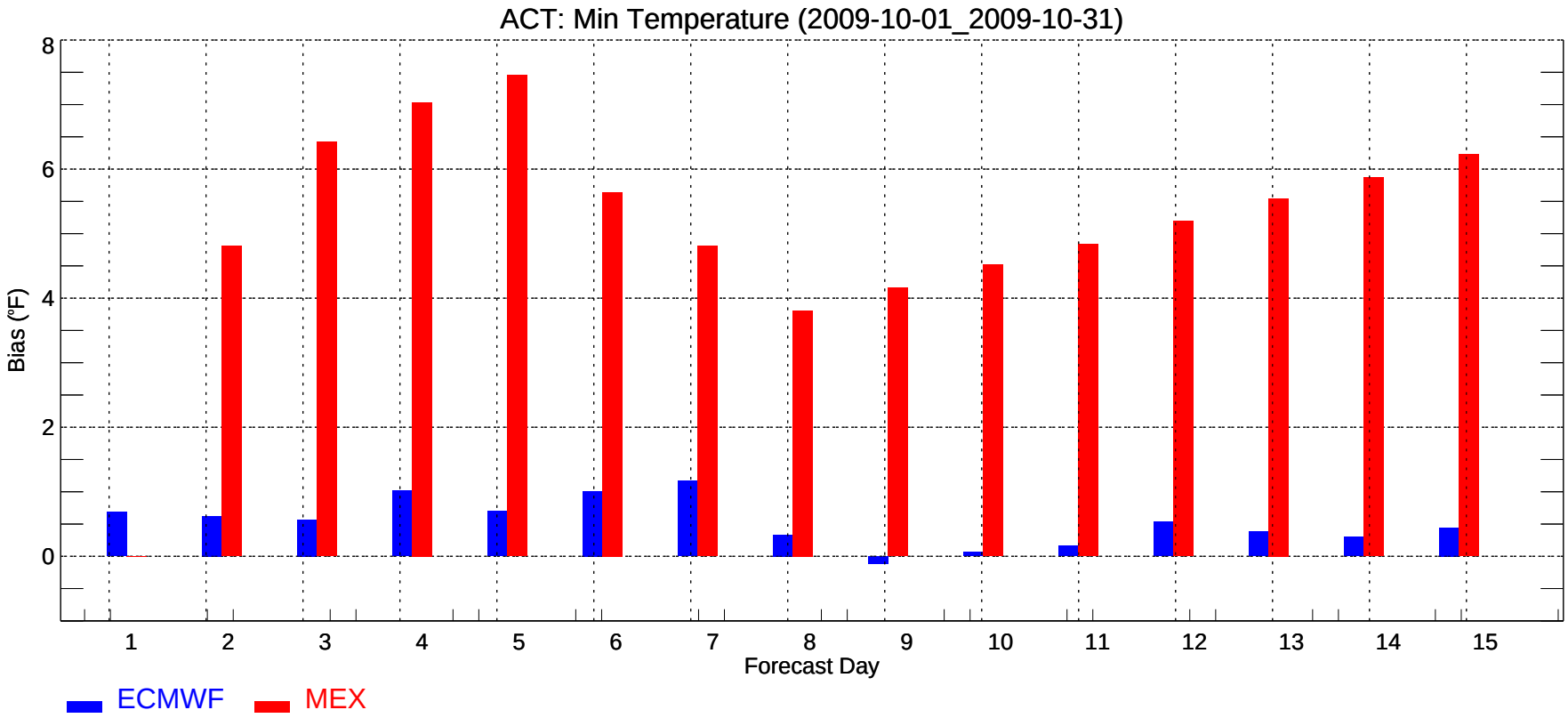
Forecast Day
ECMWF
MEX


ACT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
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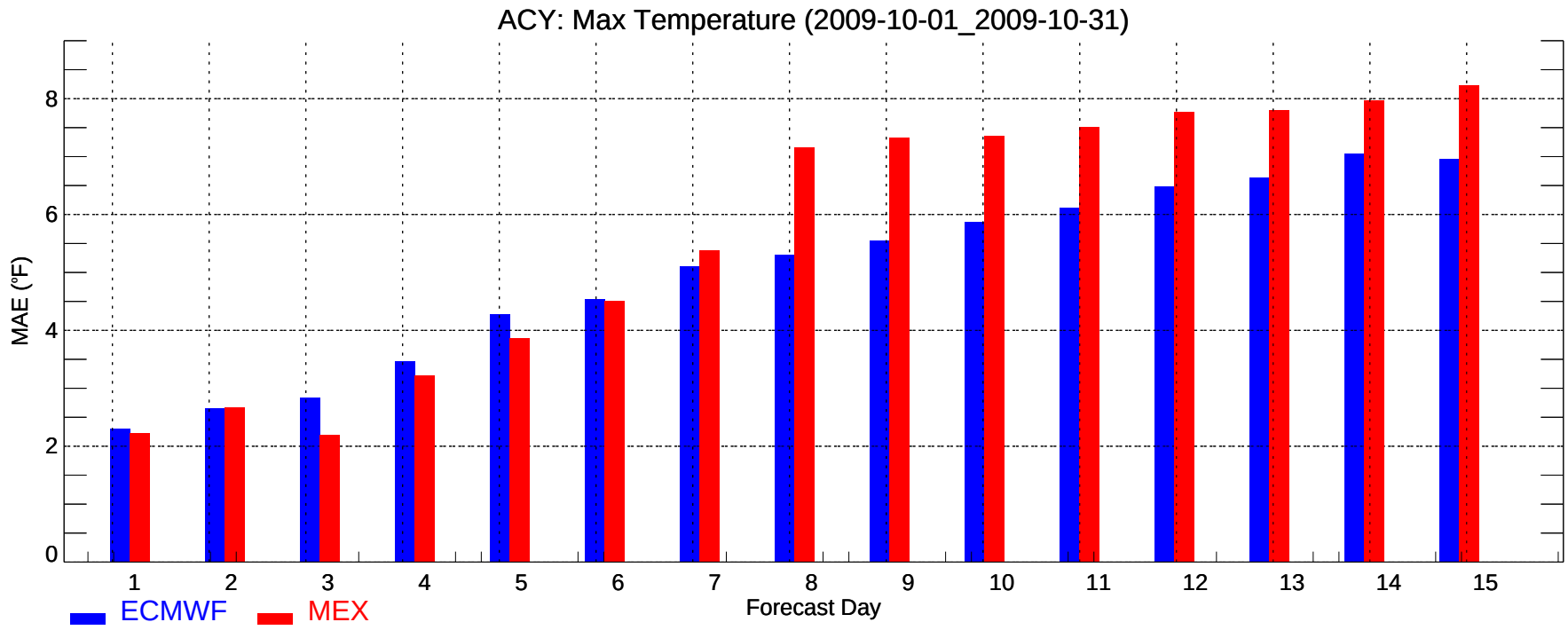
Forecast Day
ECMWF
MEX


ACY: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
7
8
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12
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14
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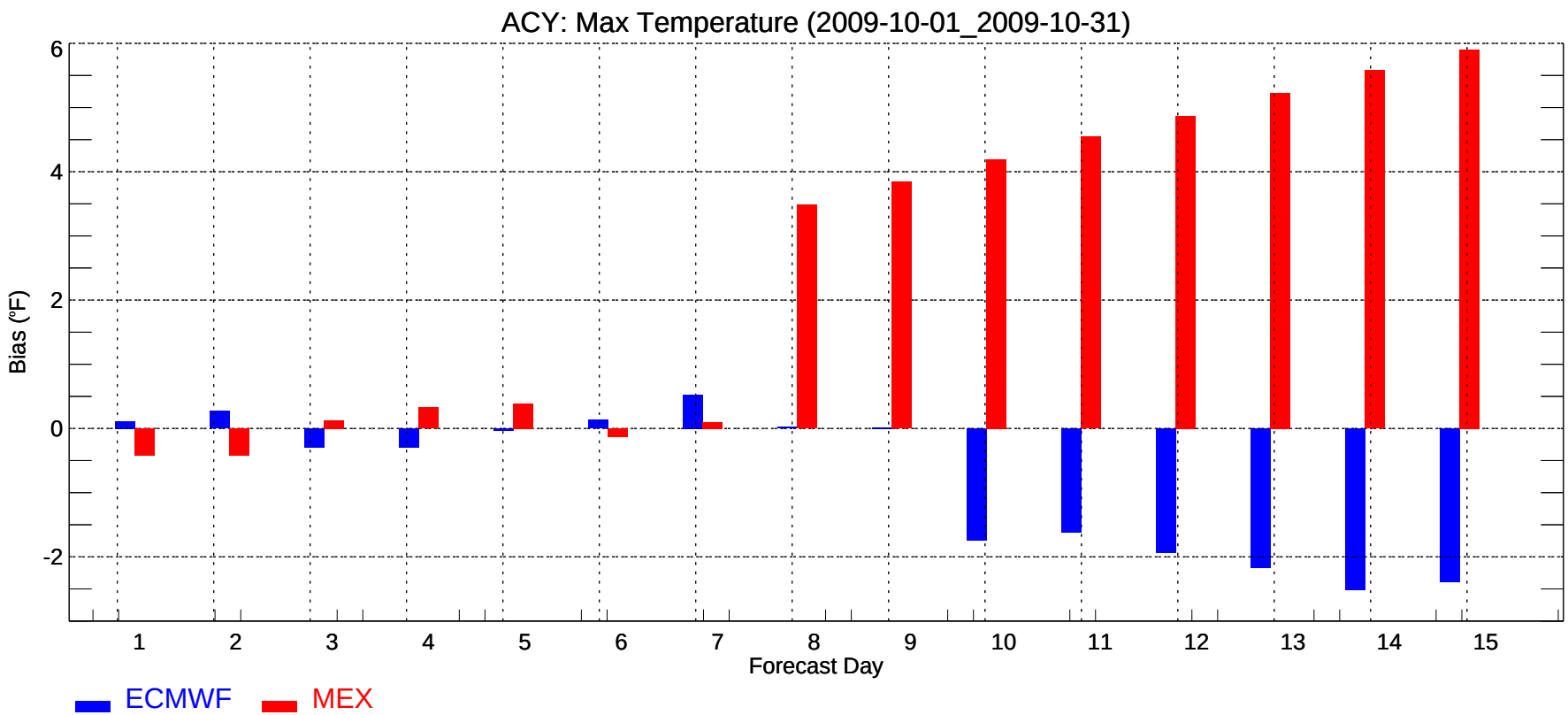
Forecast Day
ECMWF
MEX


ACY: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
6
4
2
0
-2
1
2
3
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5
6
7
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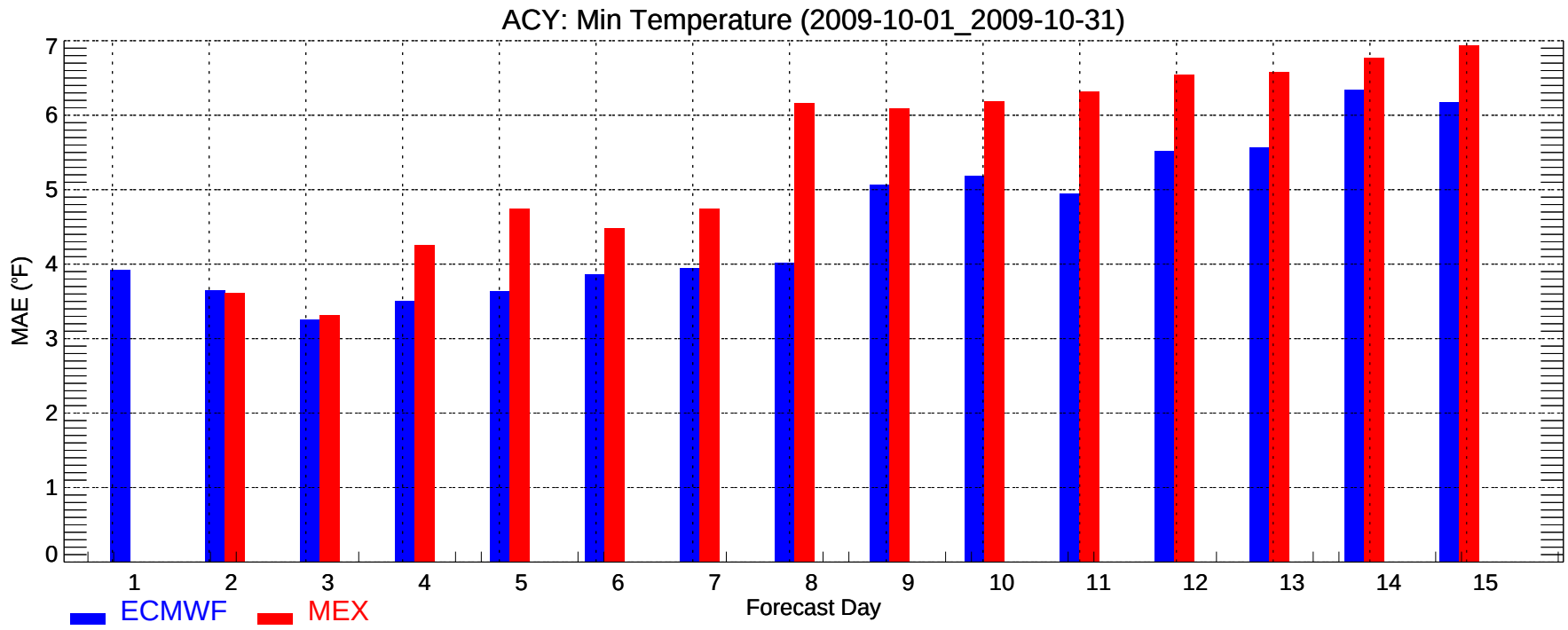
13
14
15
Forecast Day
ECMWF
MEX


ACY: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
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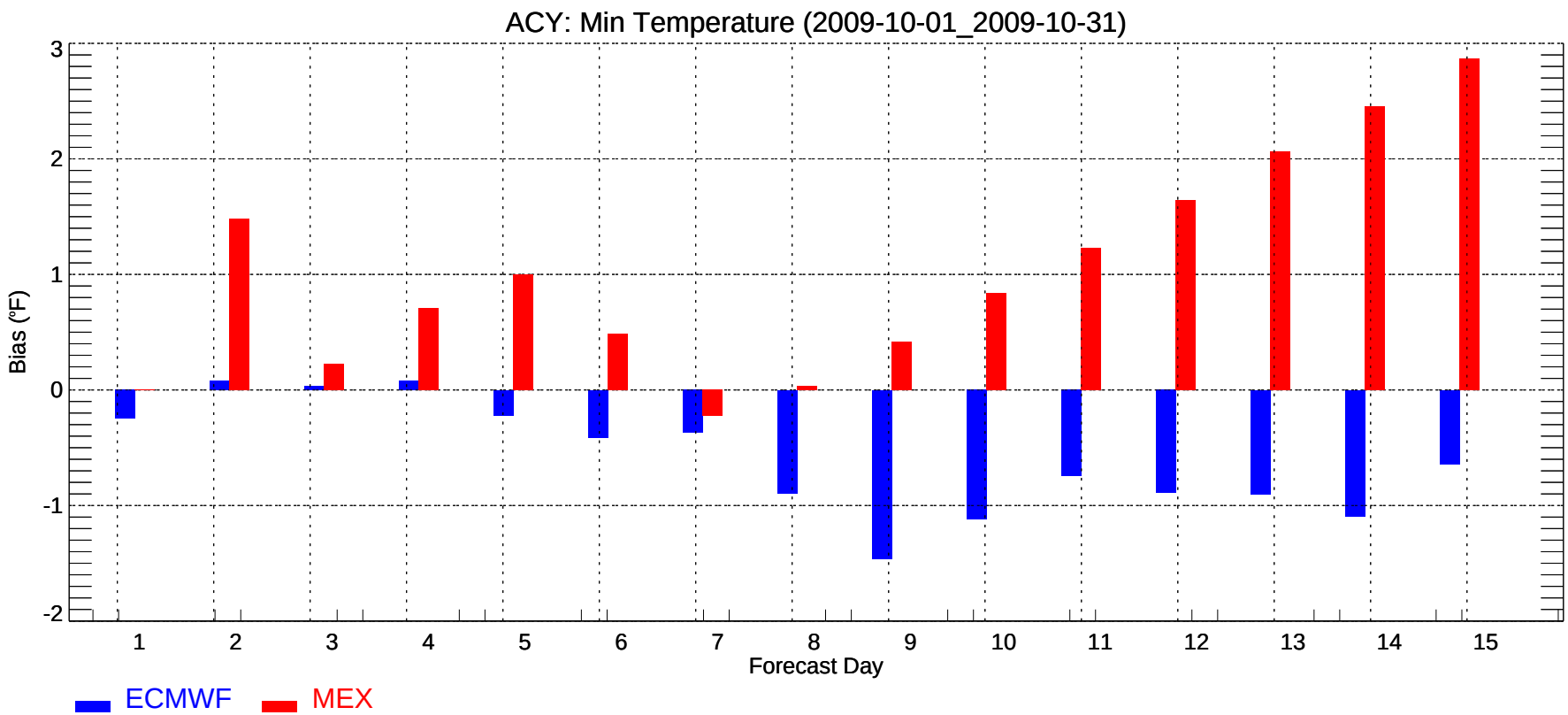
Forecast Day
ECMWF
MEX


ACY: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
1
2
3
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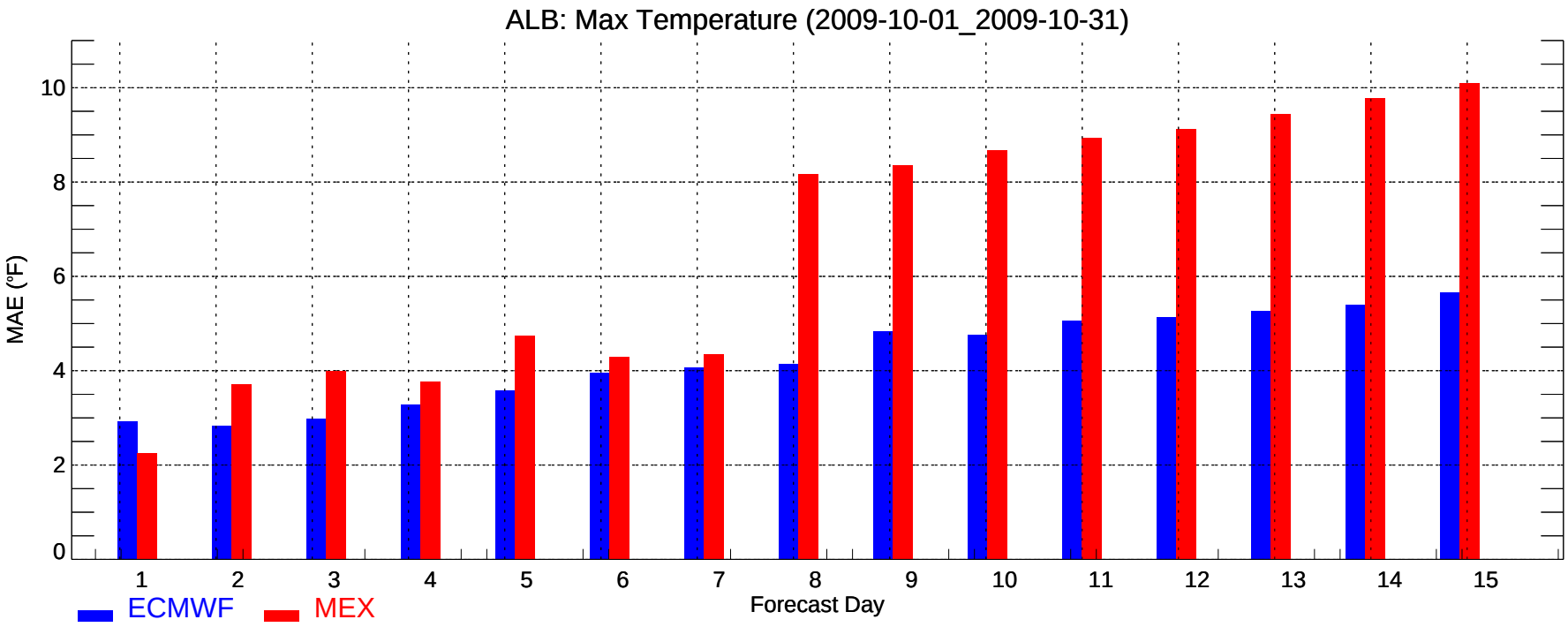
Forecast Day
ECMWF
MEX


ALB: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
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11
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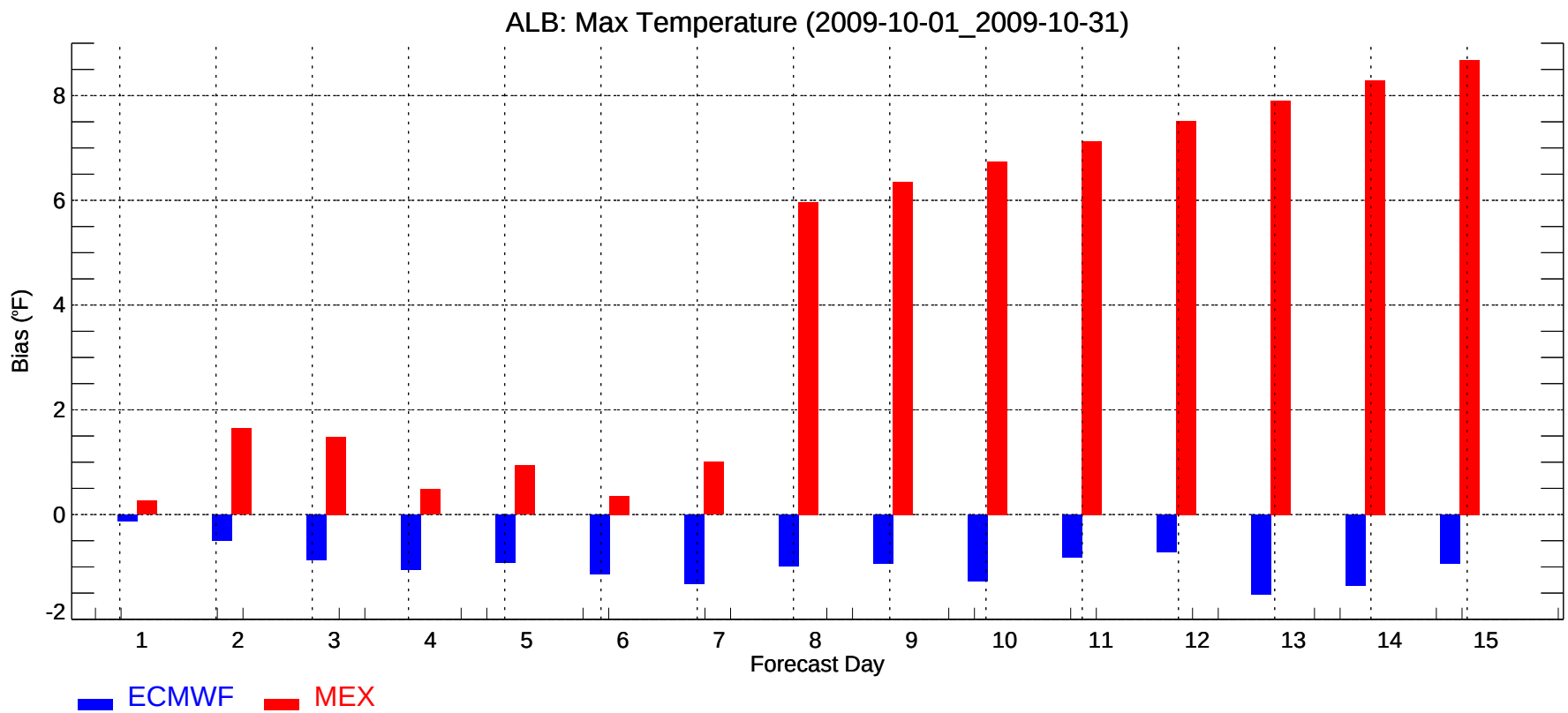
13
14
15
Forecast Day
ECMWF
MEX


ALB: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
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4
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6
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8
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10
11
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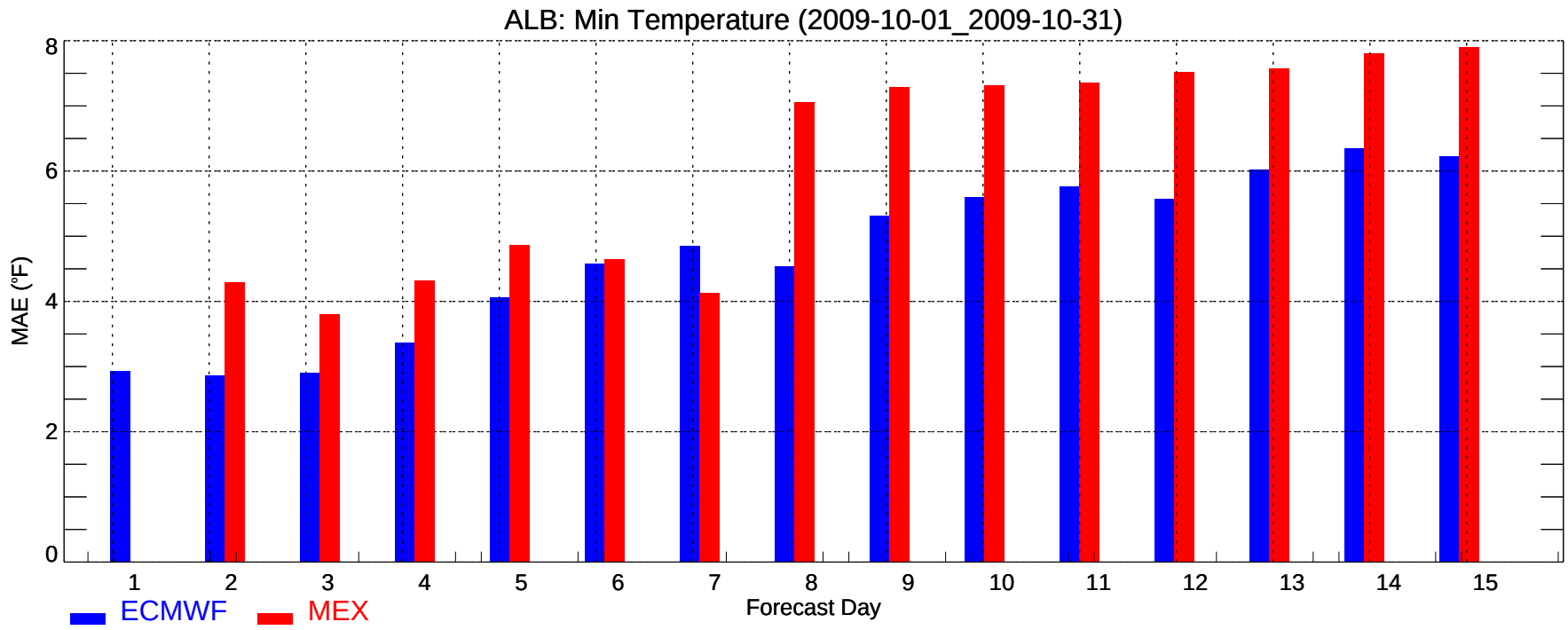
13
14
15
Forecast Day
ECMWF
MEX


ALB: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
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8
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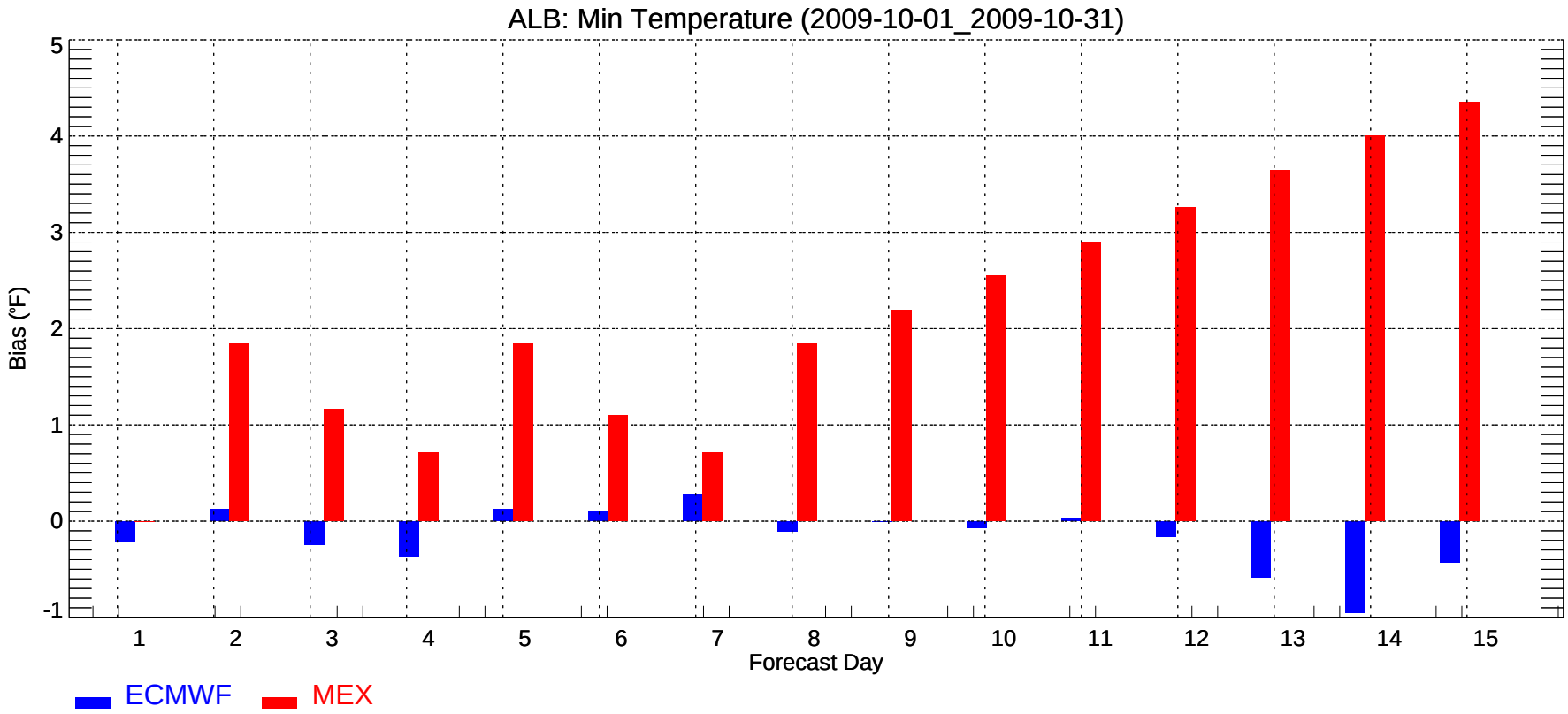
Forecast Day
ECMWF
MEX


ALB: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
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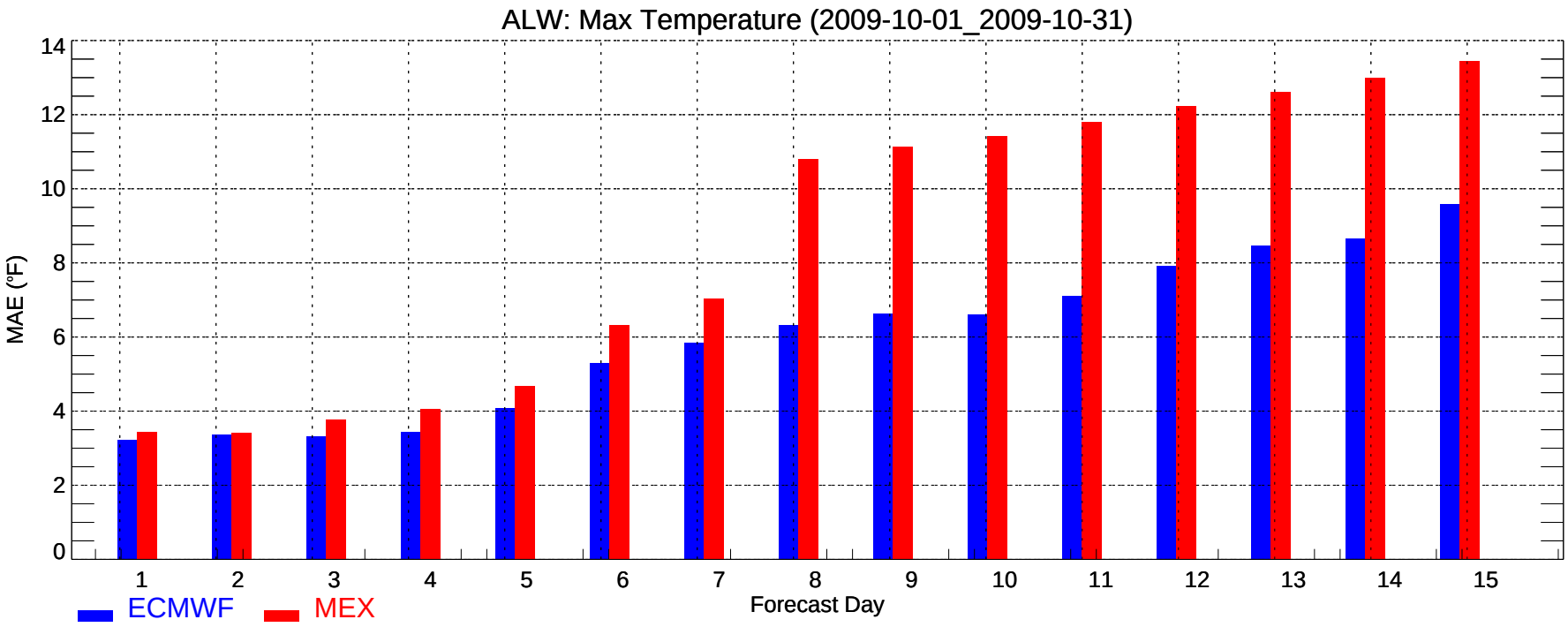
Forecast Day
ECMWF
MEX


ALW: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
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6
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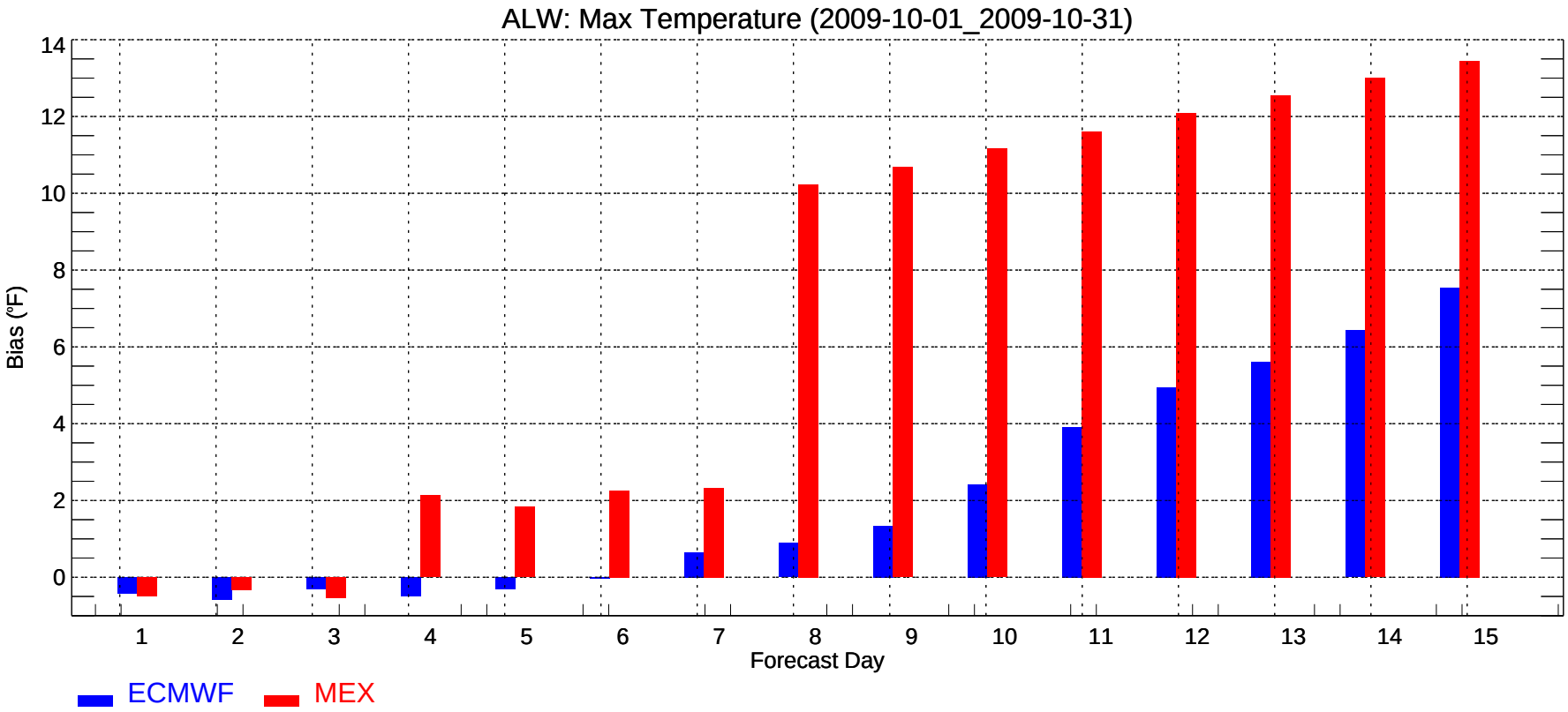
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ALW: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
12
14
1
2
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6
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13
14
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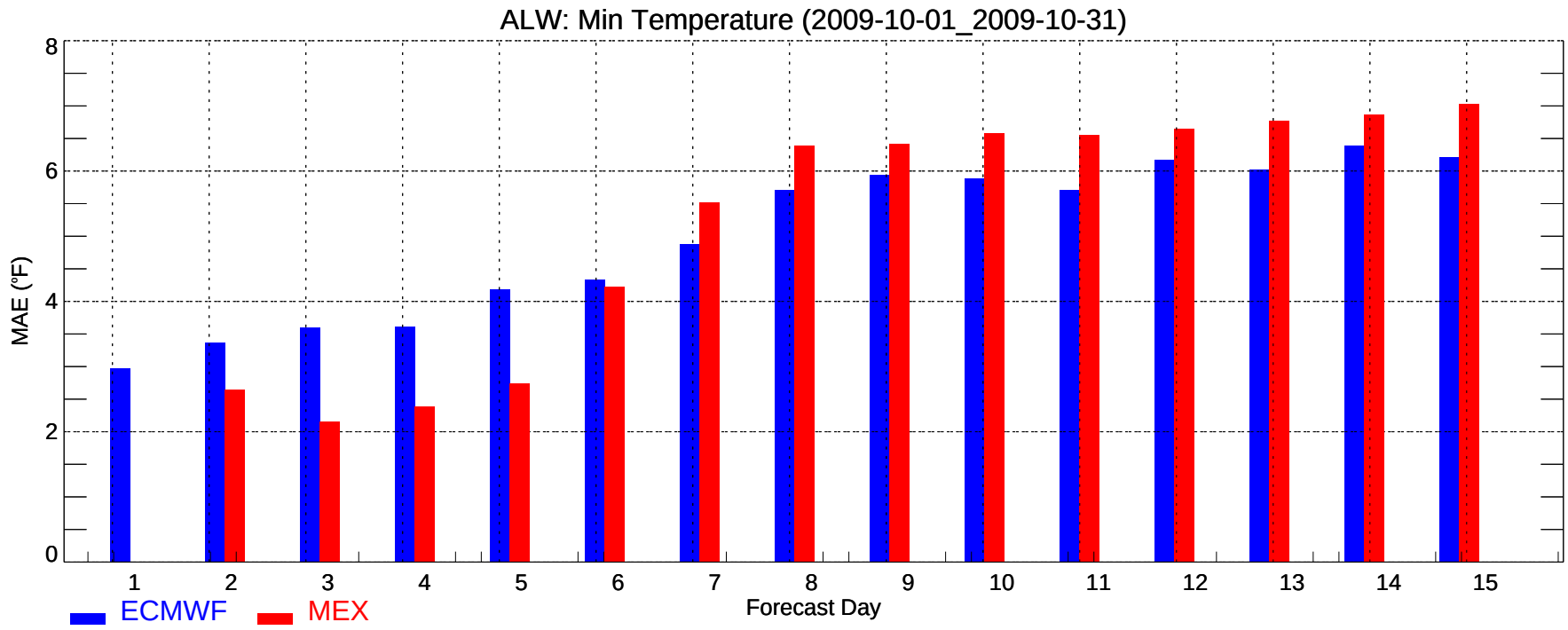
Forecast Day
ECMWF
MEX


ALW: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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6
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1
2
3
4
5
6
7
8
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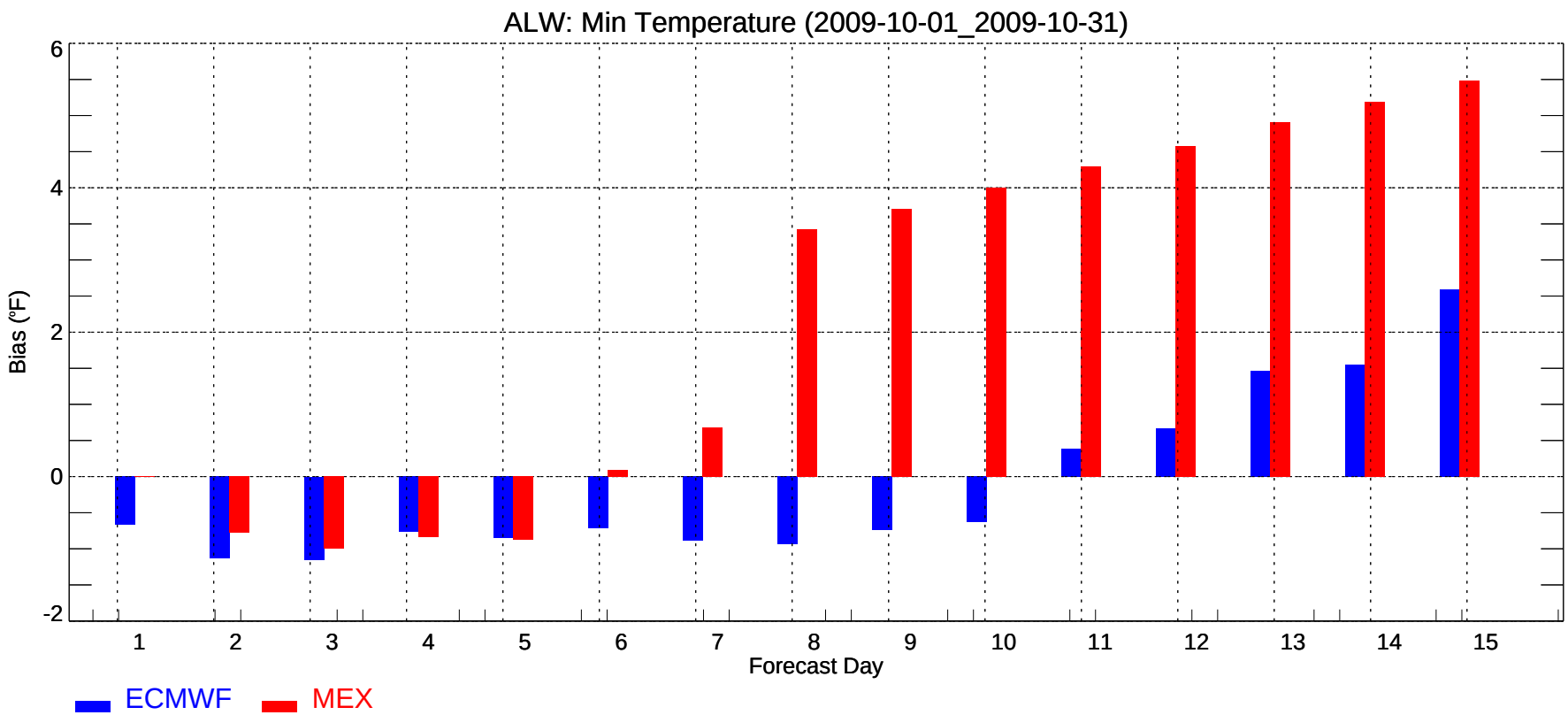
11
12
13
14
15
Forecast Day
ECMWF
MEX


ALW: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
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4
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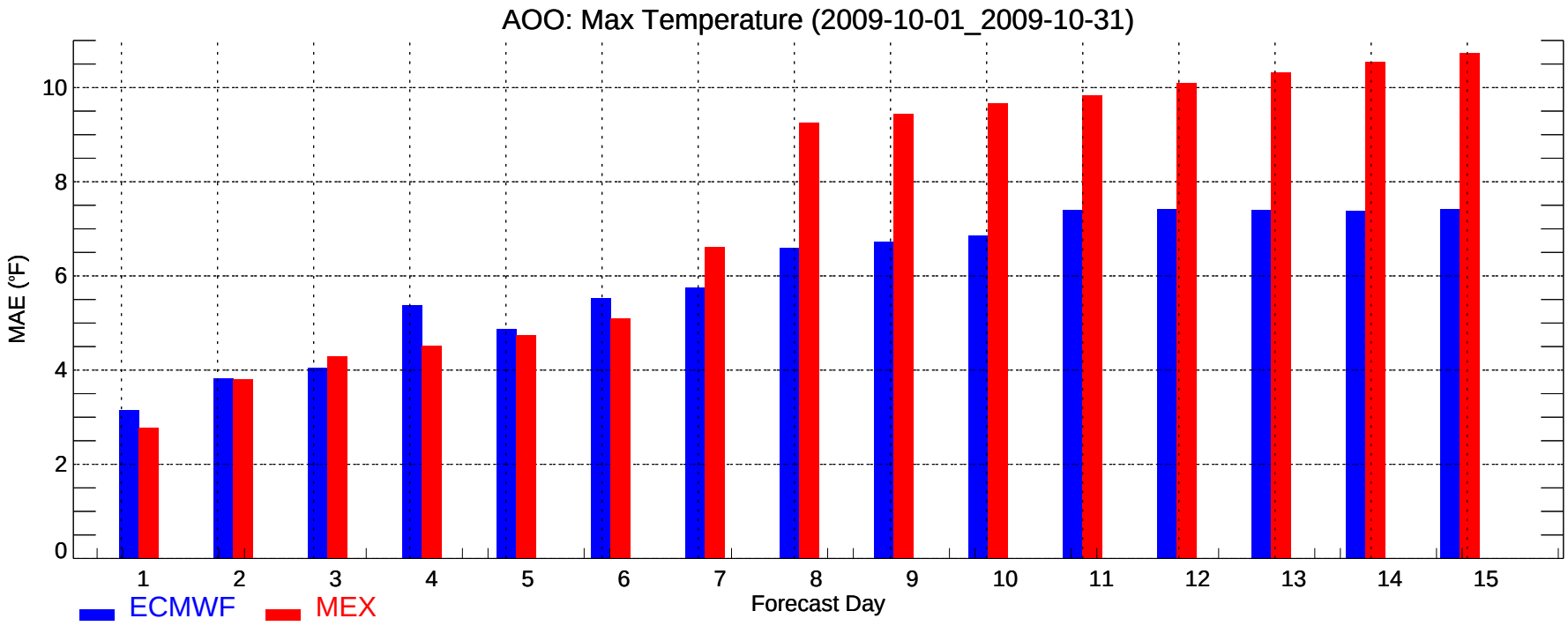
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AOO: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
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8
10
1
2
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6
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14
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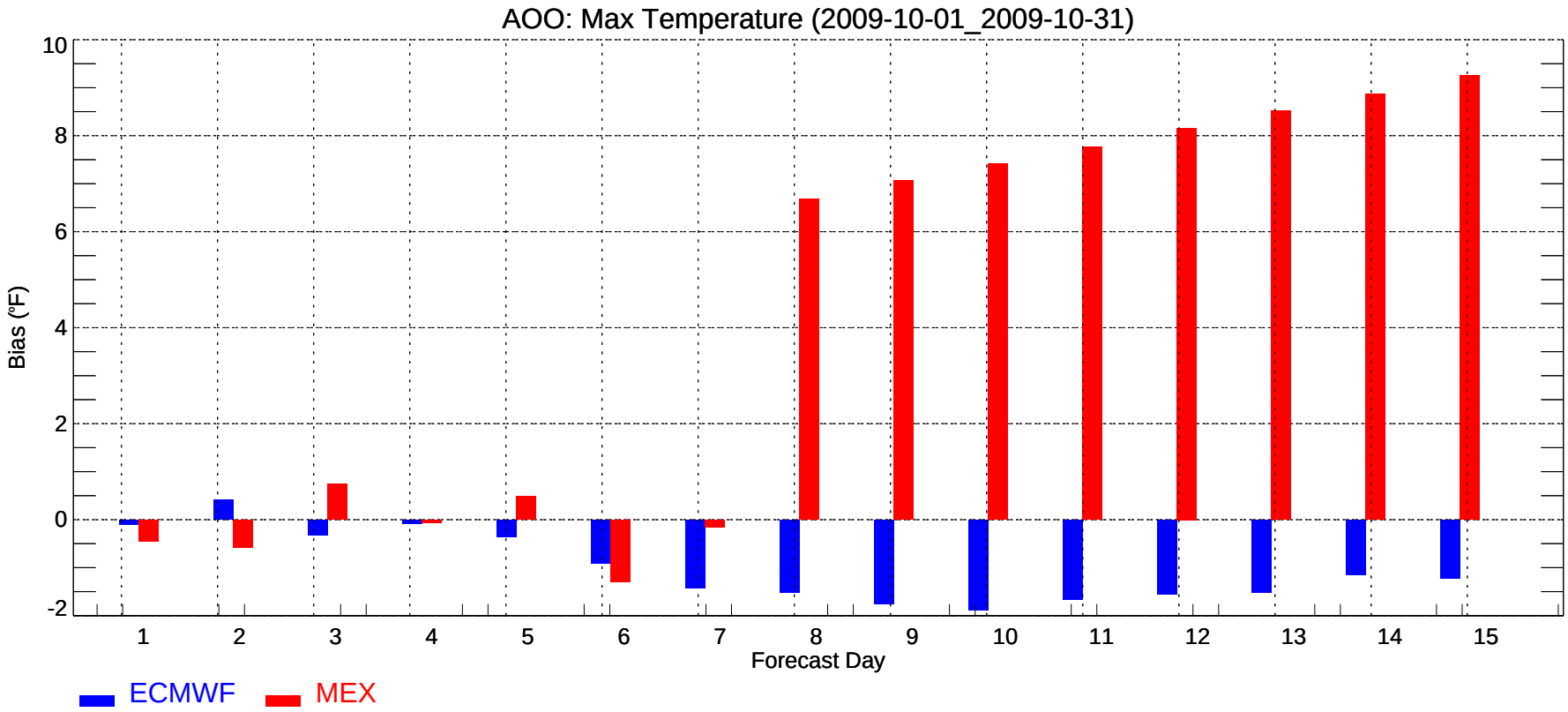
Forecast Day
ECMWF
MEX


AOO: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
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1
2
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14
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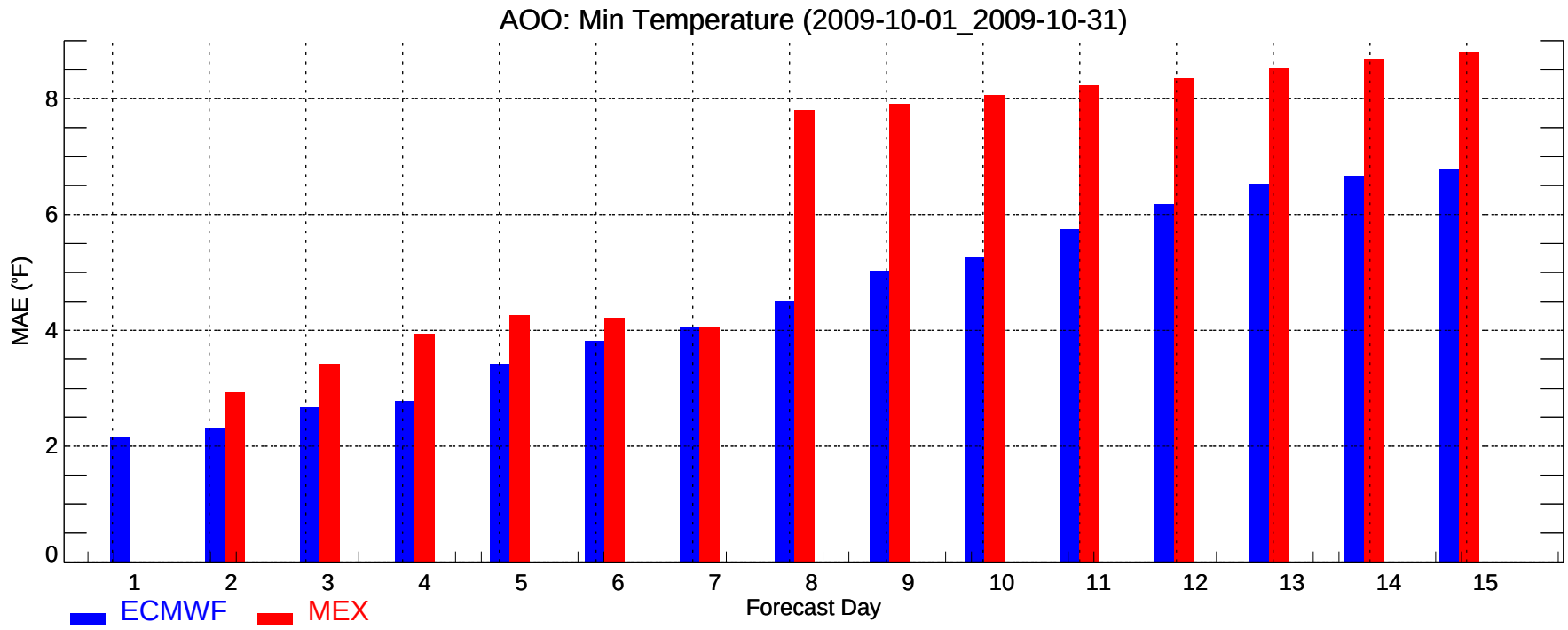
Forecast Day
ECMWF
MEX


AOO: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
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13
14
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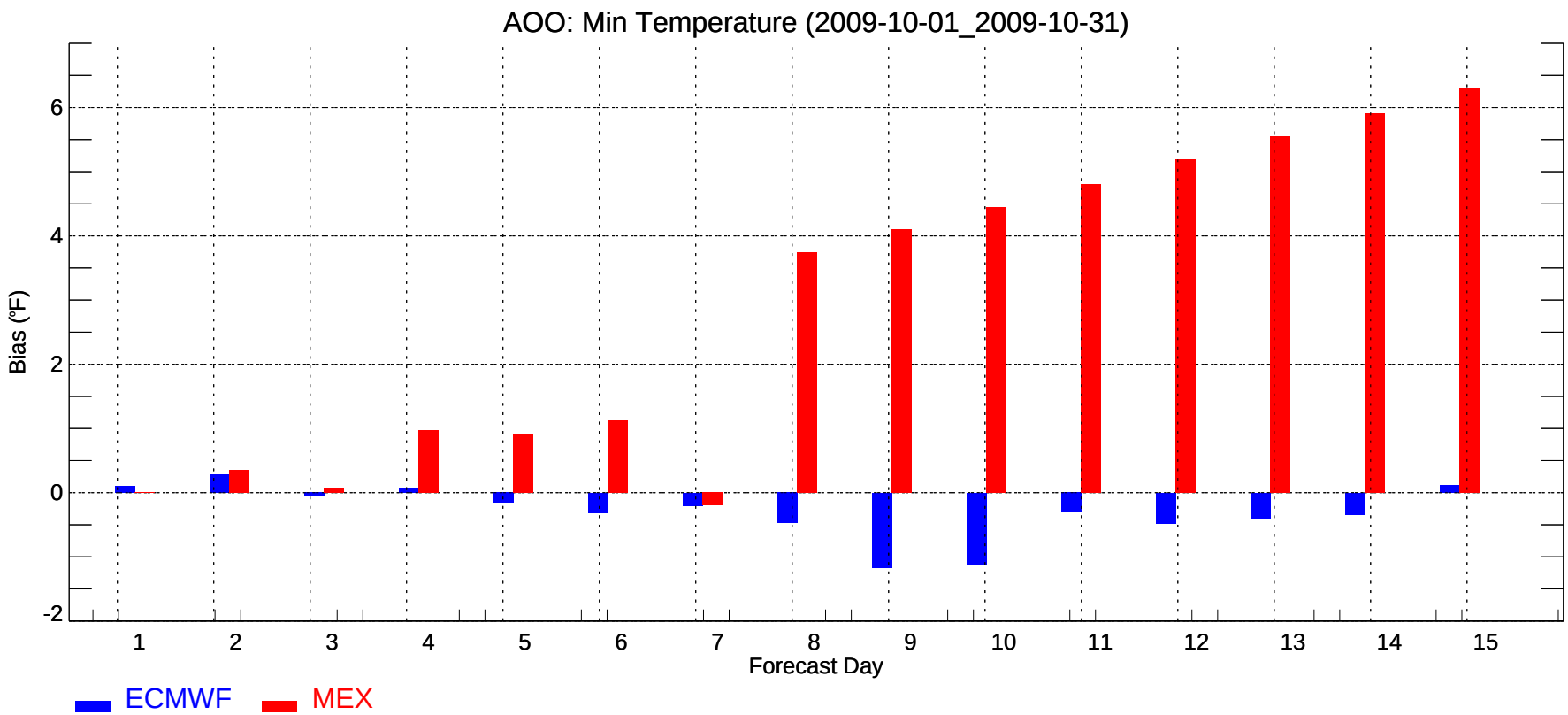
Forecast Day
ECMWF
MEX


AOO: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
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4
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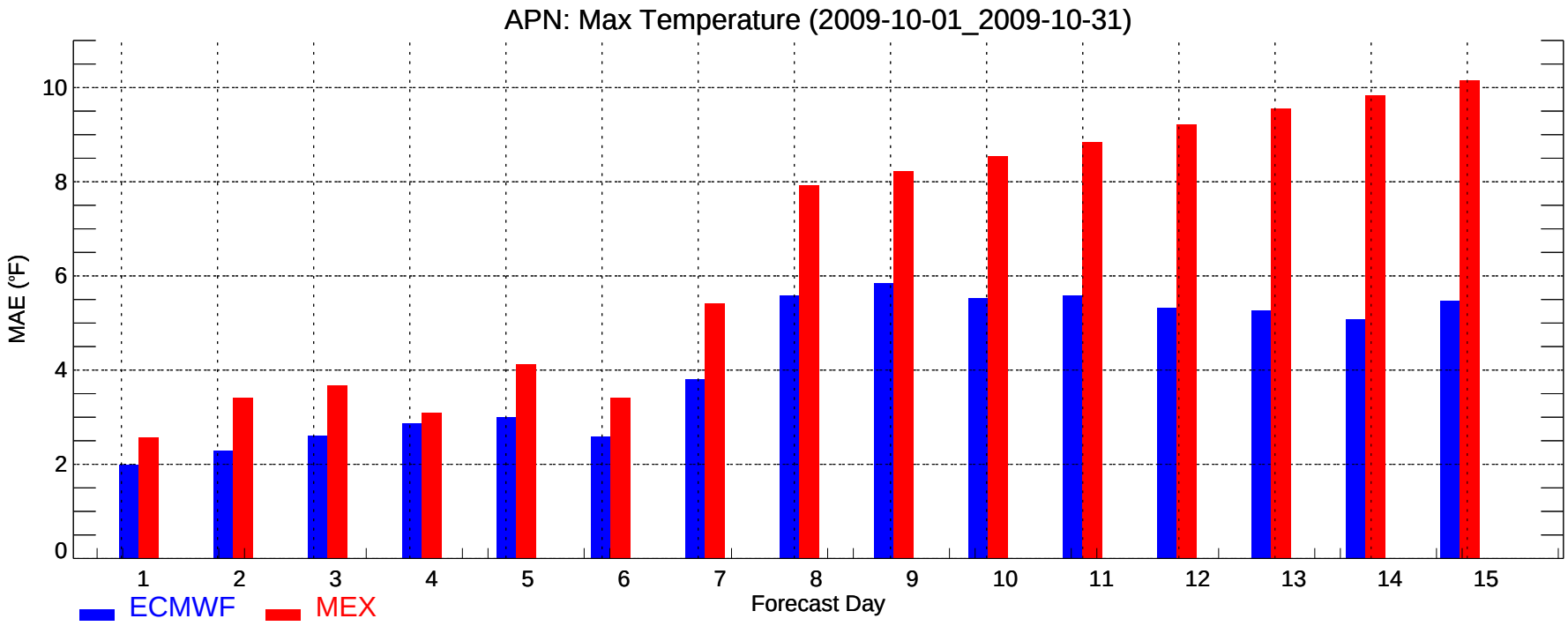
Forecast Day
ECMWF
MEX


APN: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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2
4
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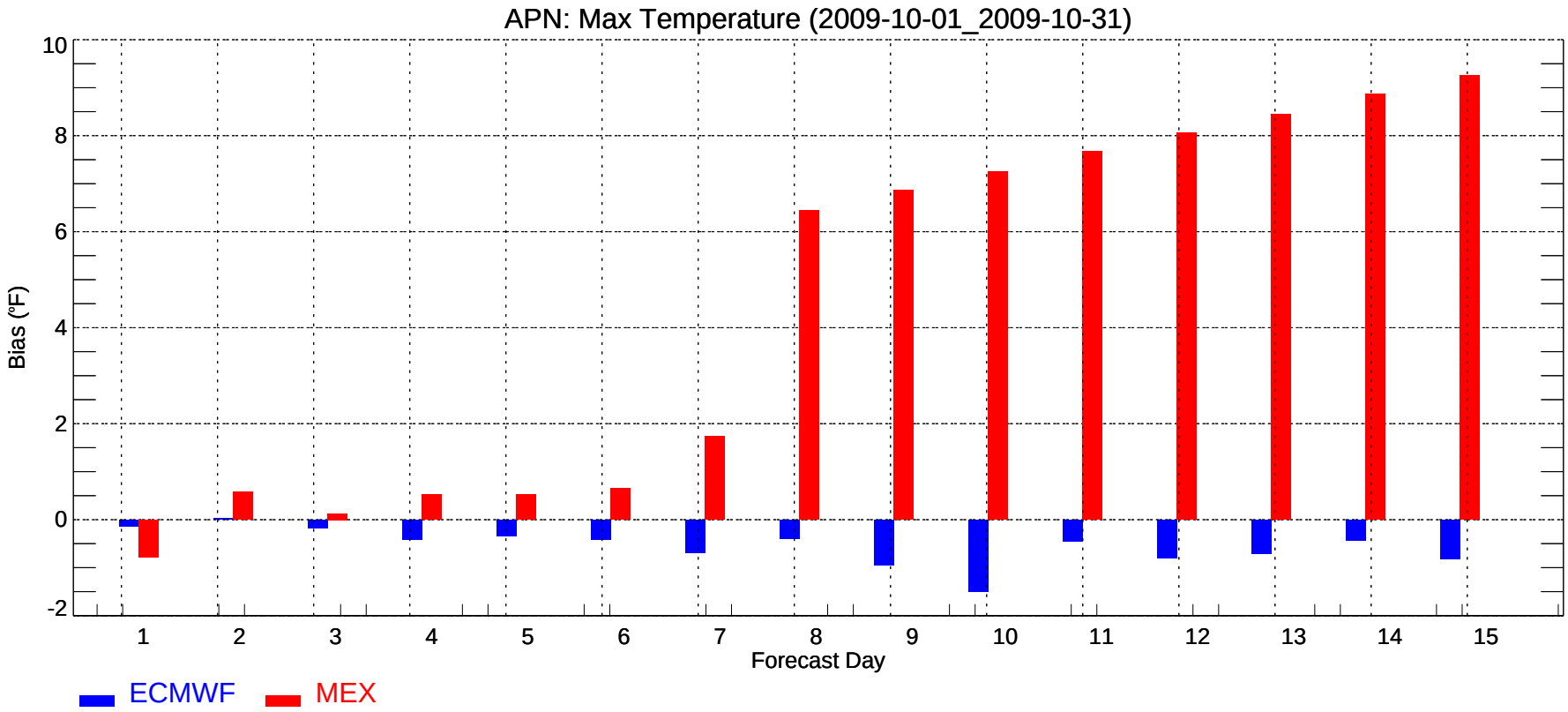
Forecast Day
ECMWF
MEX


APN: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
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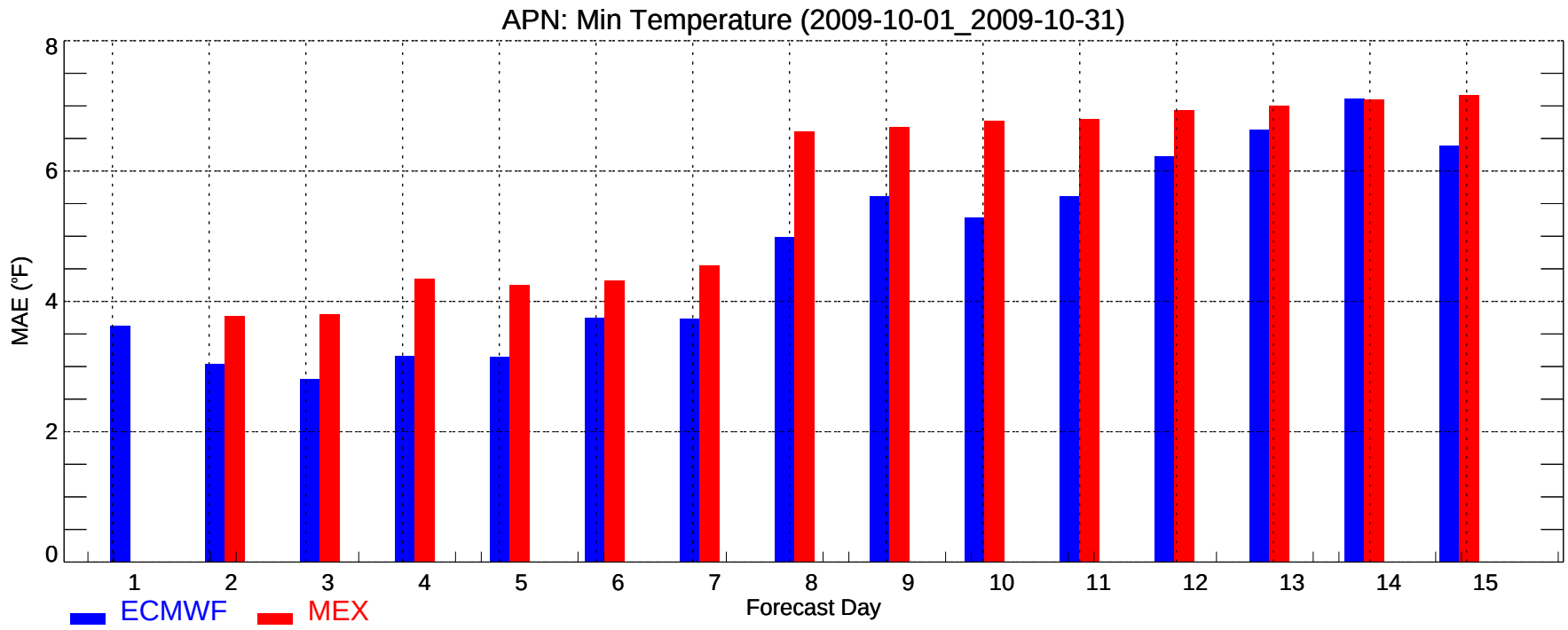
Forecast Day
ECMWF
MEX


APN: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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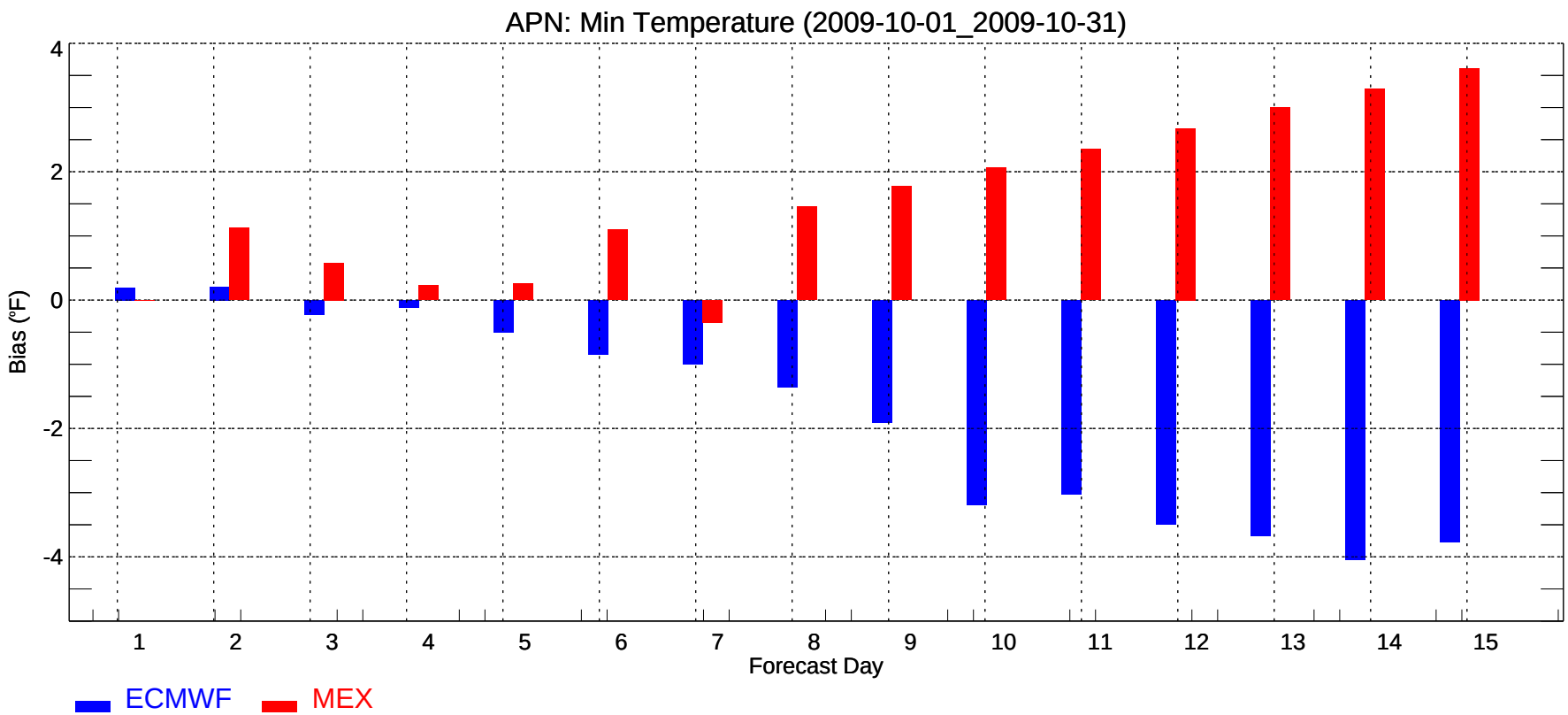
Forecast Day
ECMWF
MEX


APN: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
4
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-2
-4
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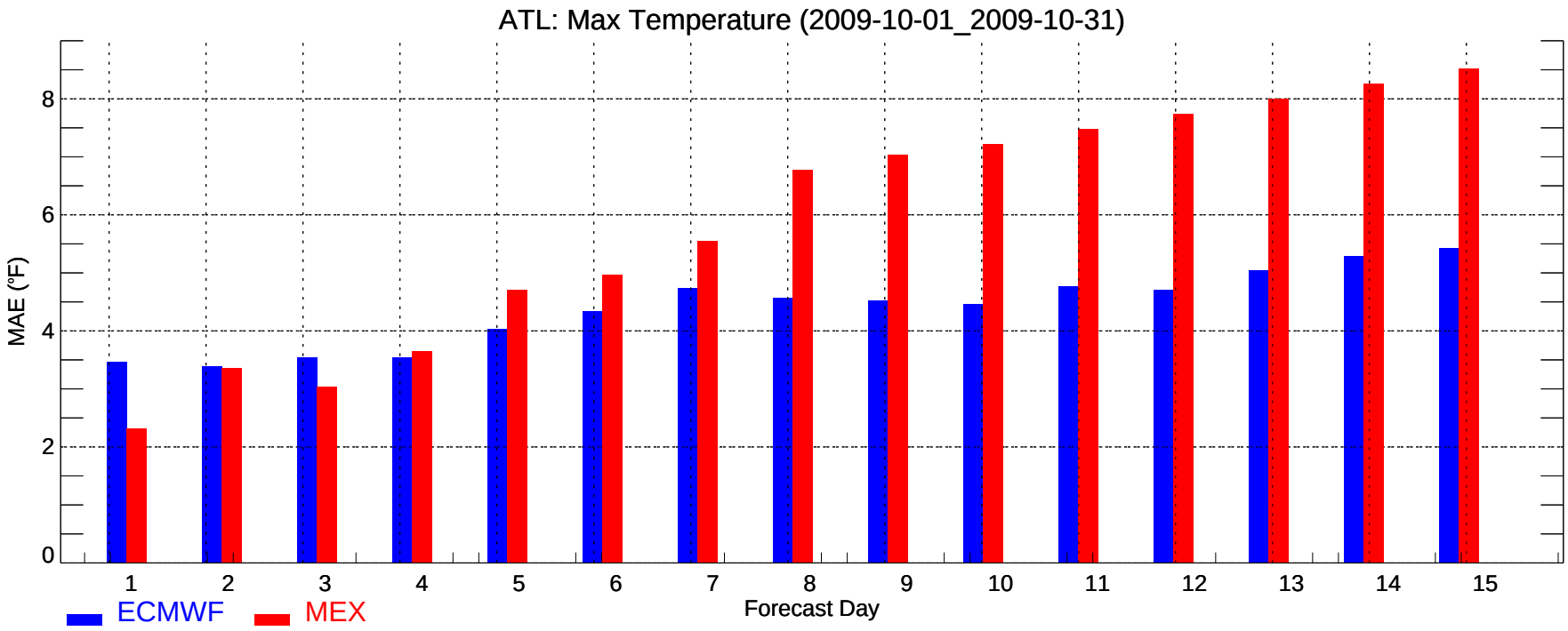
Forecast Day
ECMWF
MEX


ATL: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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8
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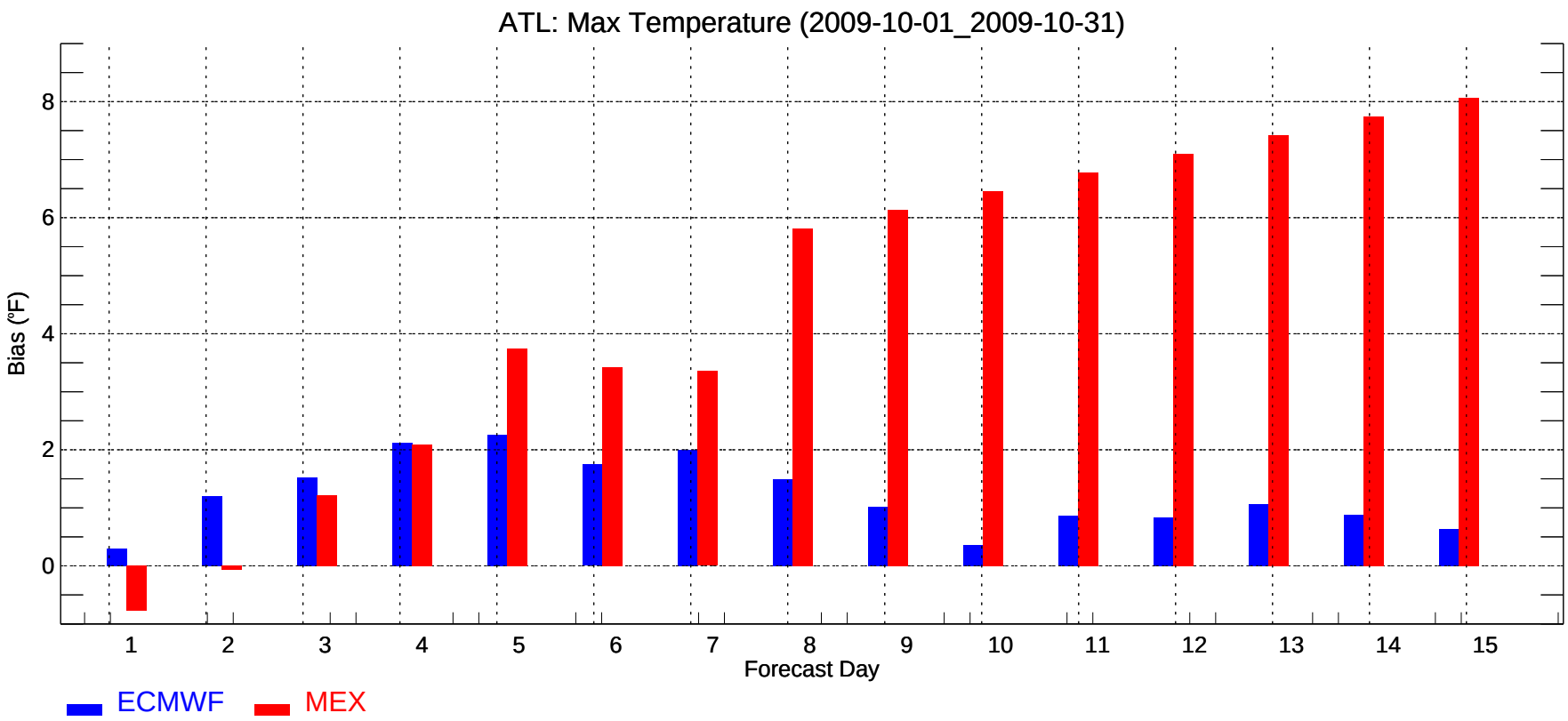
Forecast Day
ECMWF
MEX


ATL: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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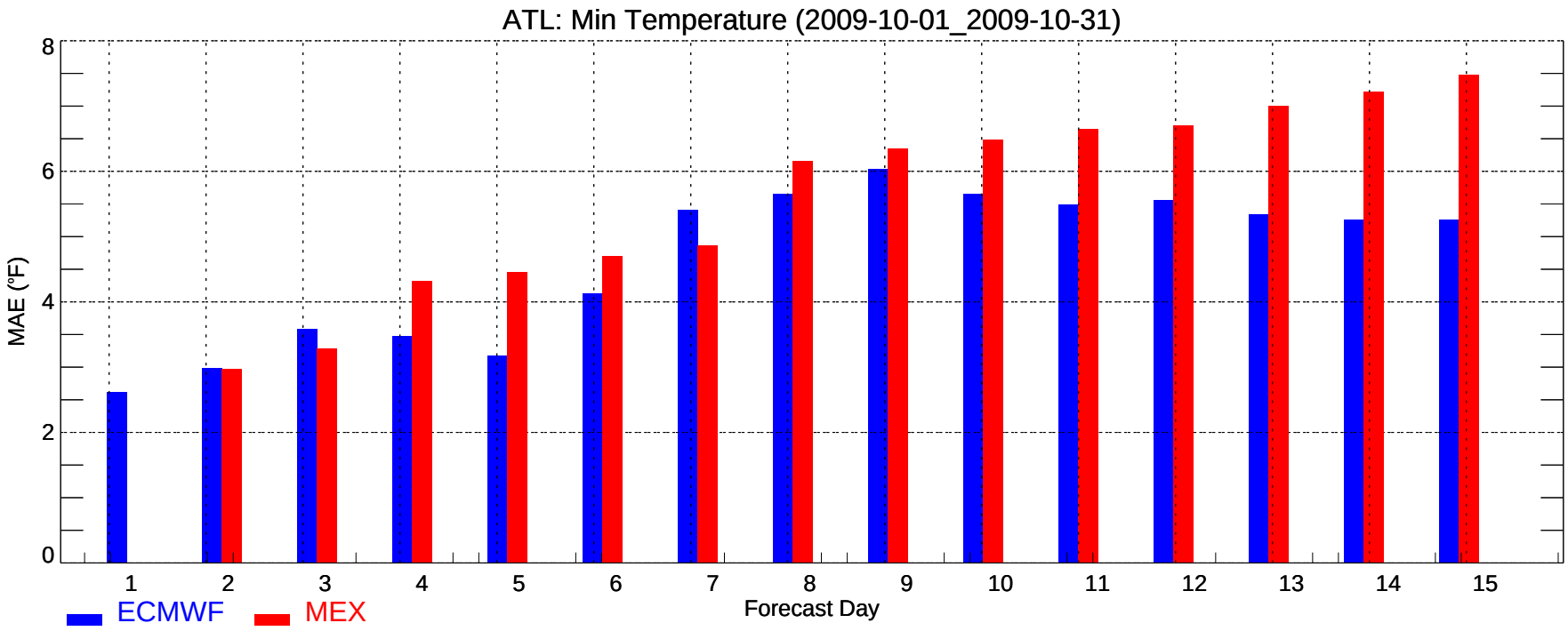
Forecast Day
ECMWF
MEX


ATL: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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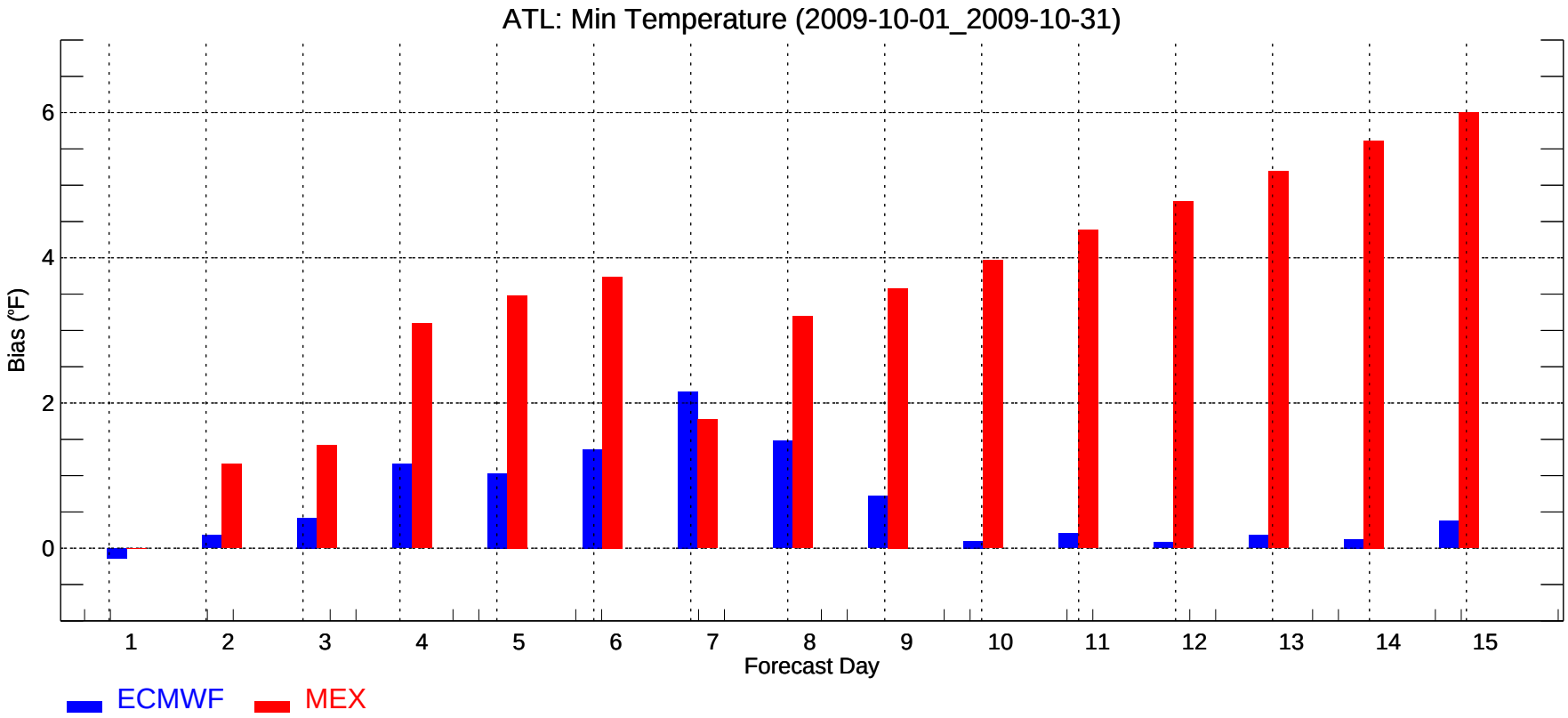
Forecast Day
ECMWF
MEX


ATL: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
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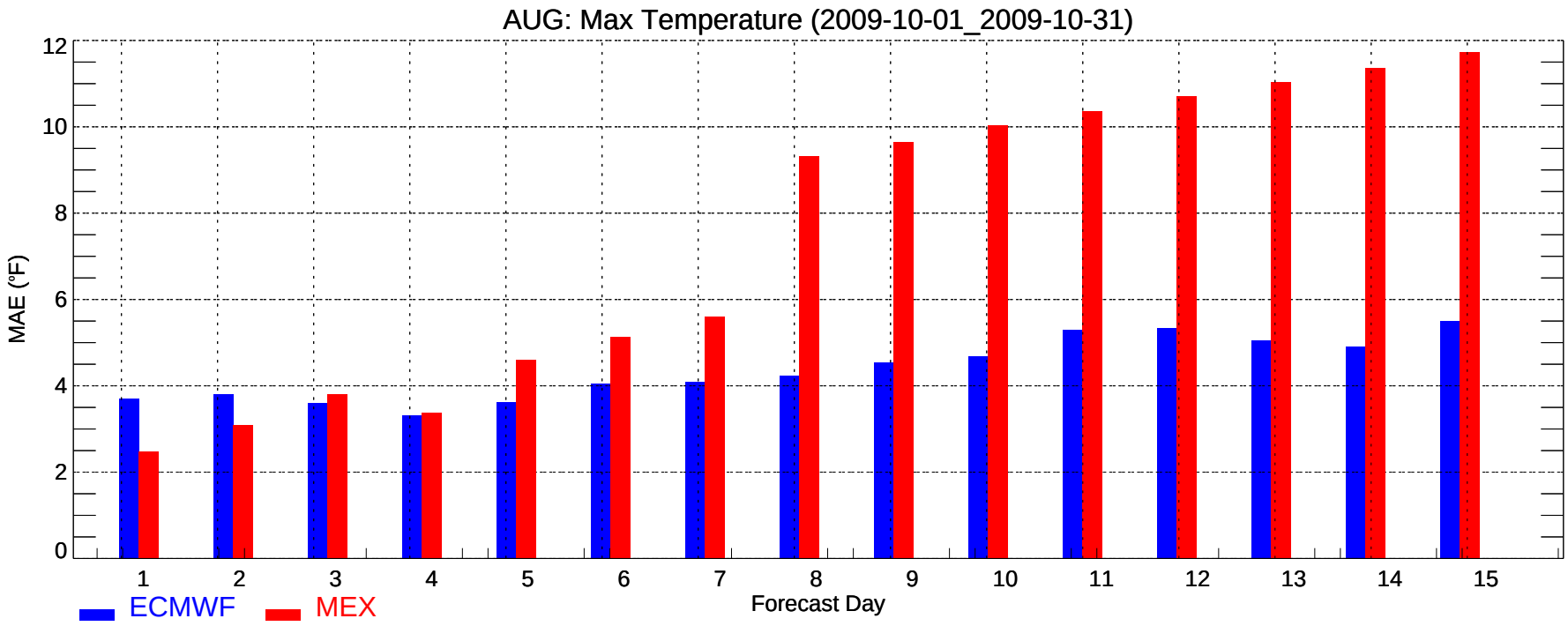
Forecast Day
ECMWF
MEX


AUG: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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12
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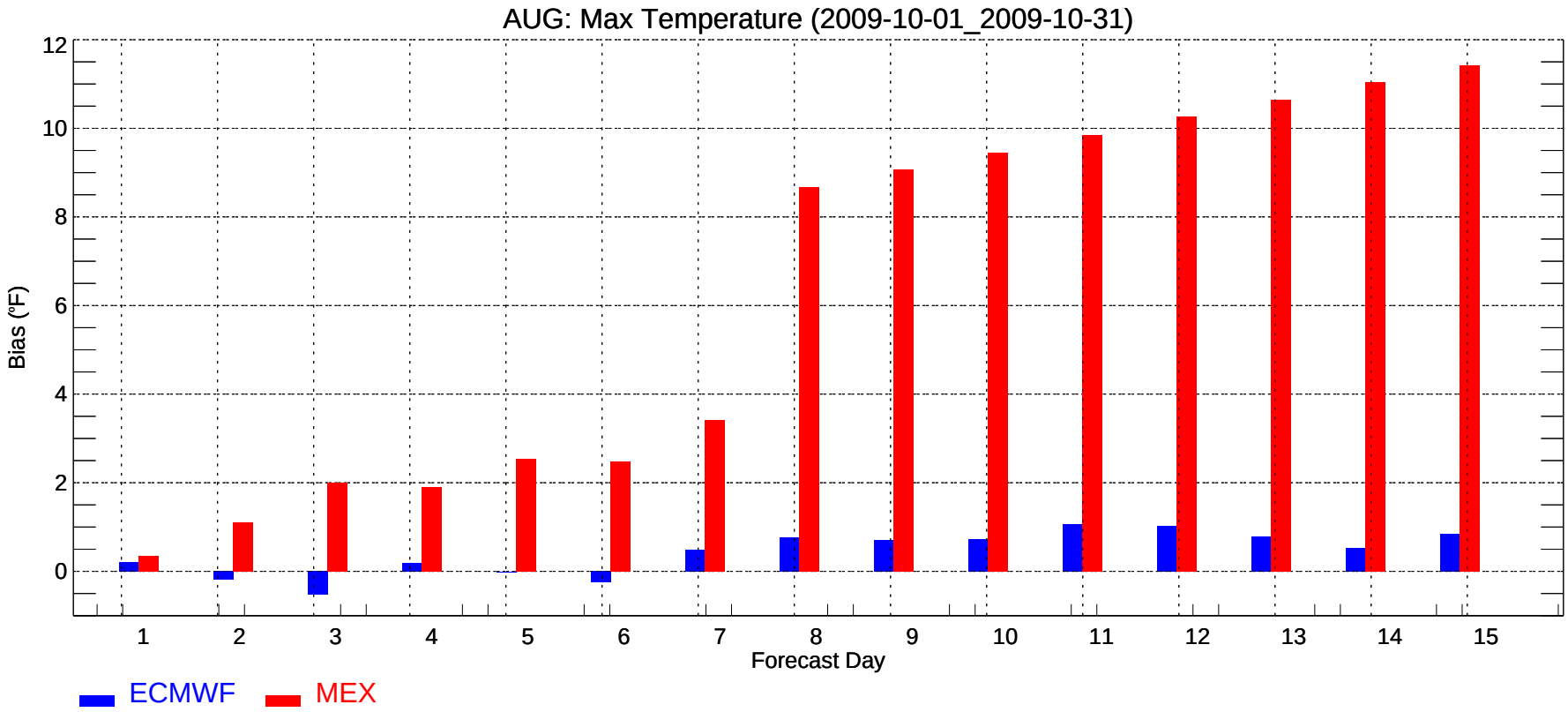
Forecast Day
ECMWF
MEX


AUG: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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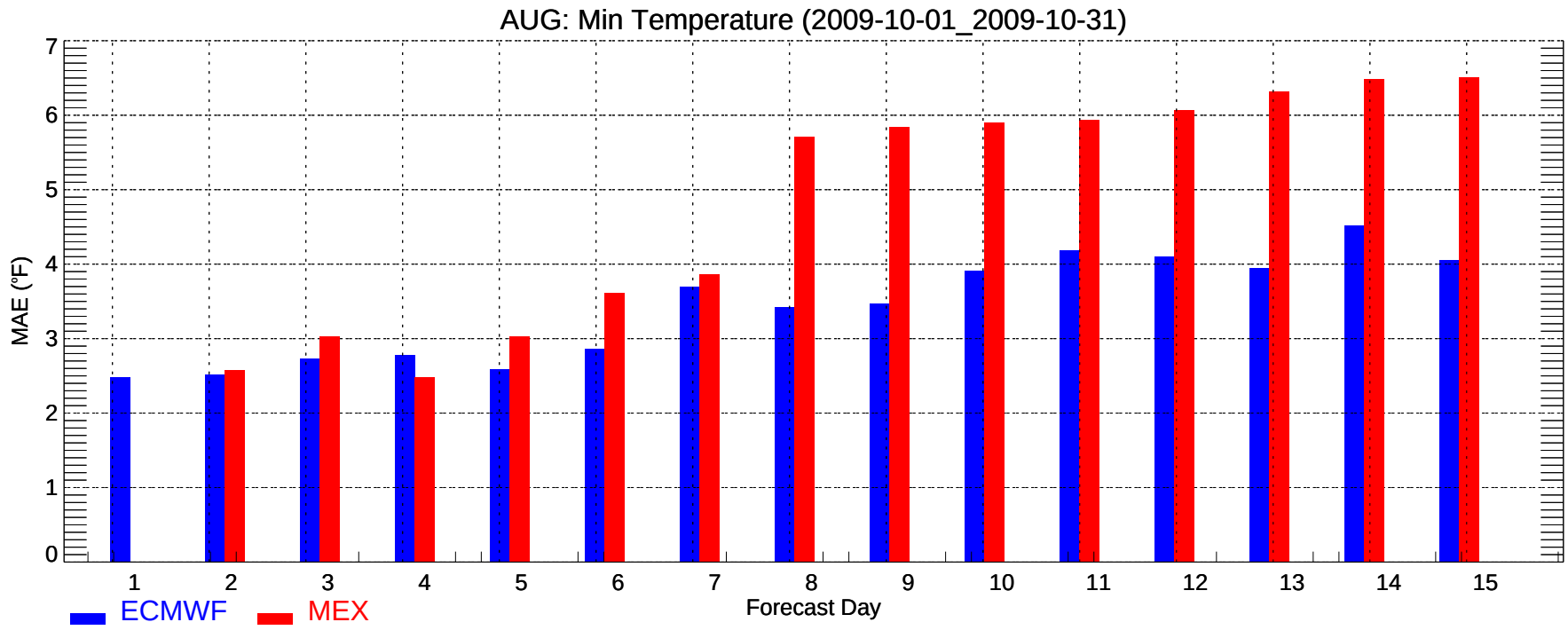
Forecast Day
ECMWF
MEX


AUG: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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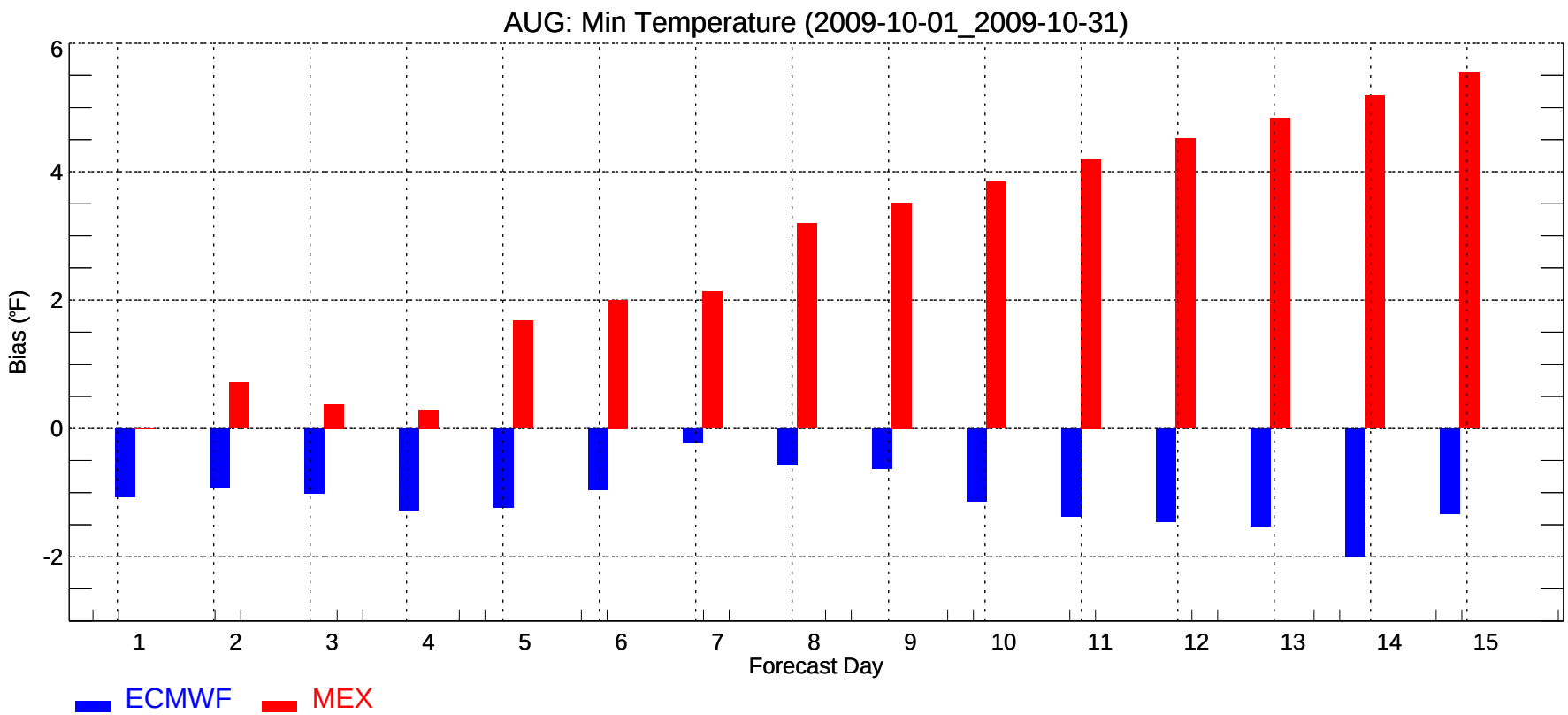
Forecast Day
ECMWF
MEX


AUG: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
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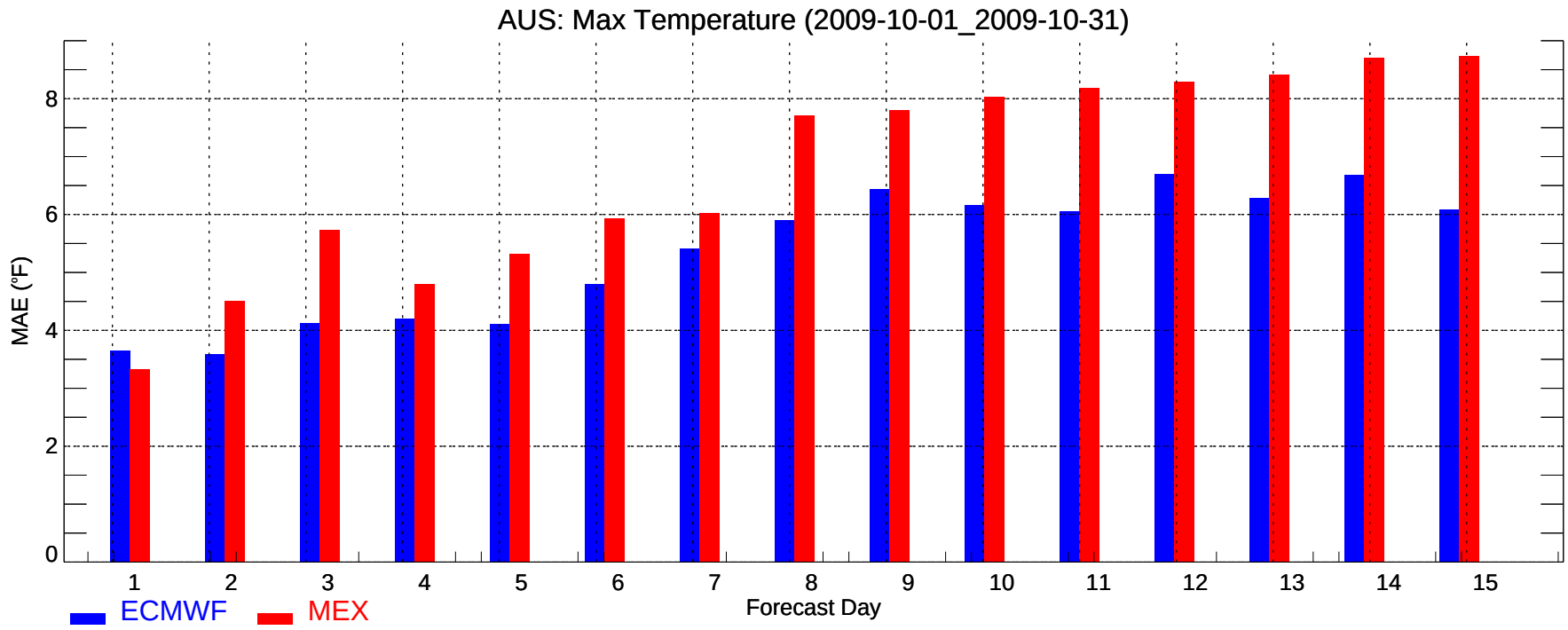
Forecast Day
ECMWF
MEX


AUS: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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14
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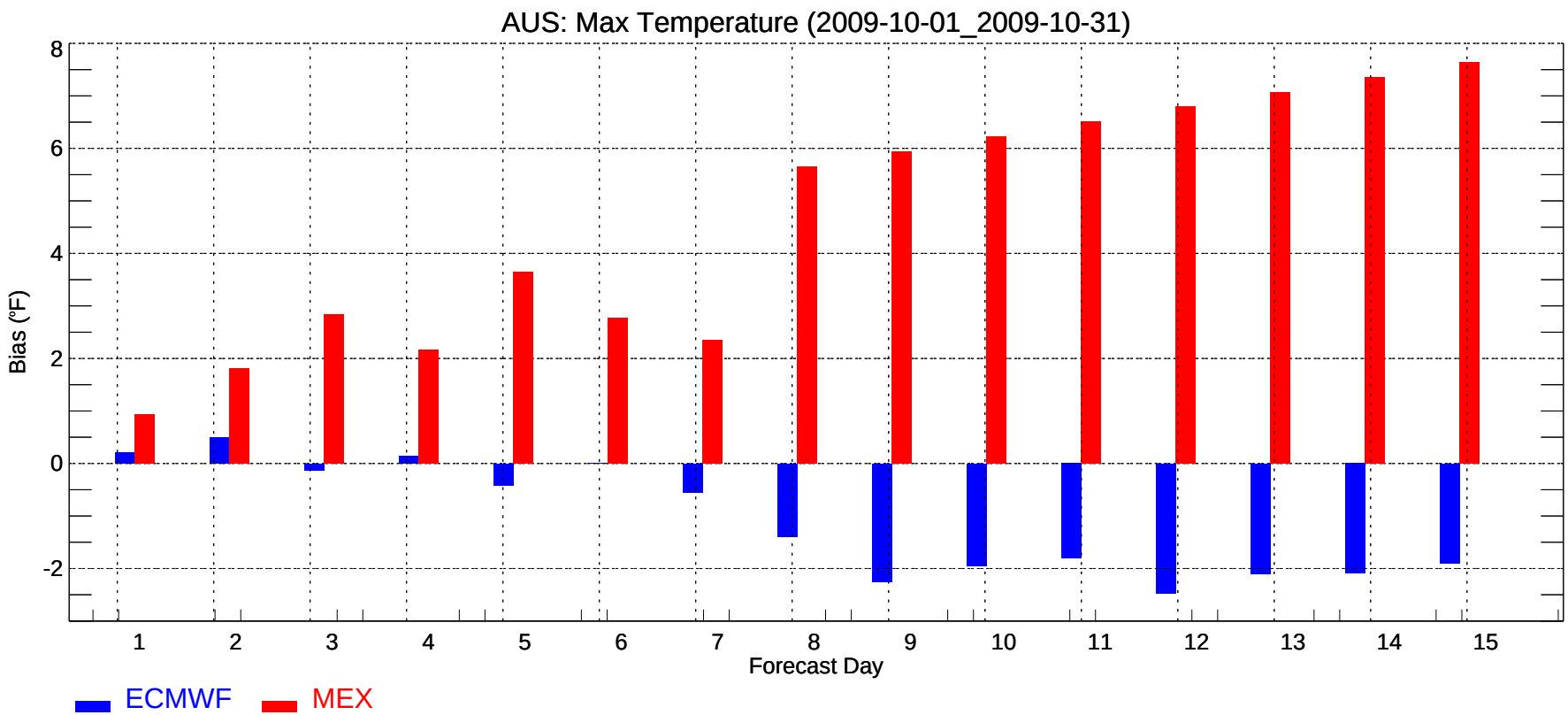
Forecast Day
ECMWF
MEX


AUS: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
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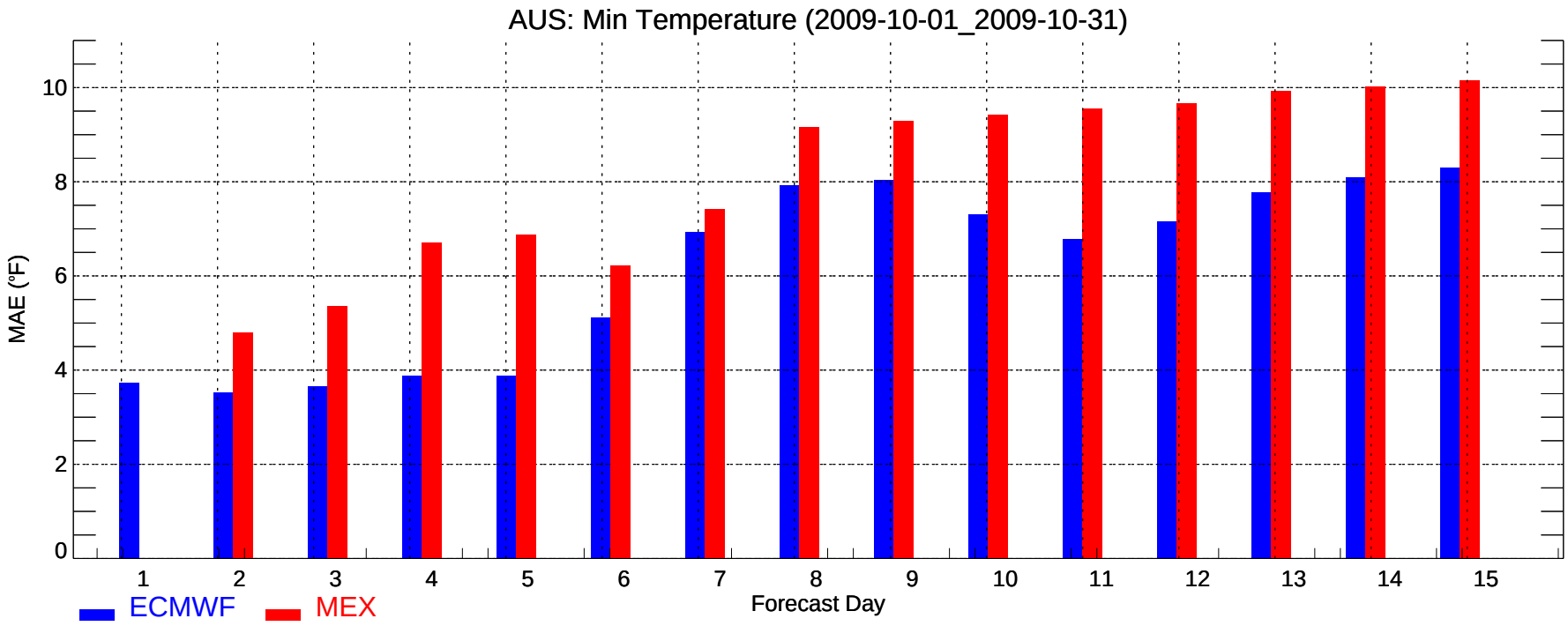
Forecast Day
ECMWF
MEX


AUS: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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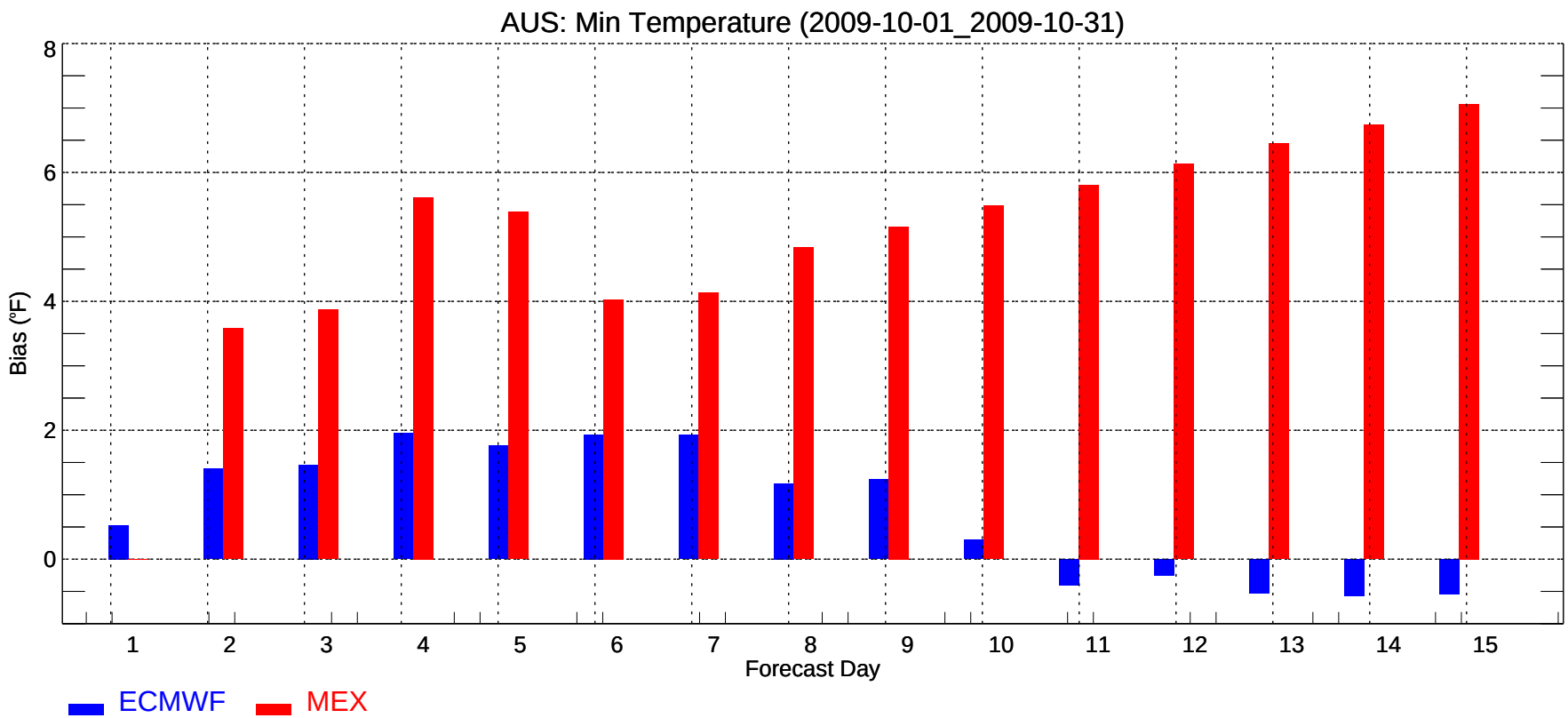
Forecast Day
ECMWF
MEX


AUS: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
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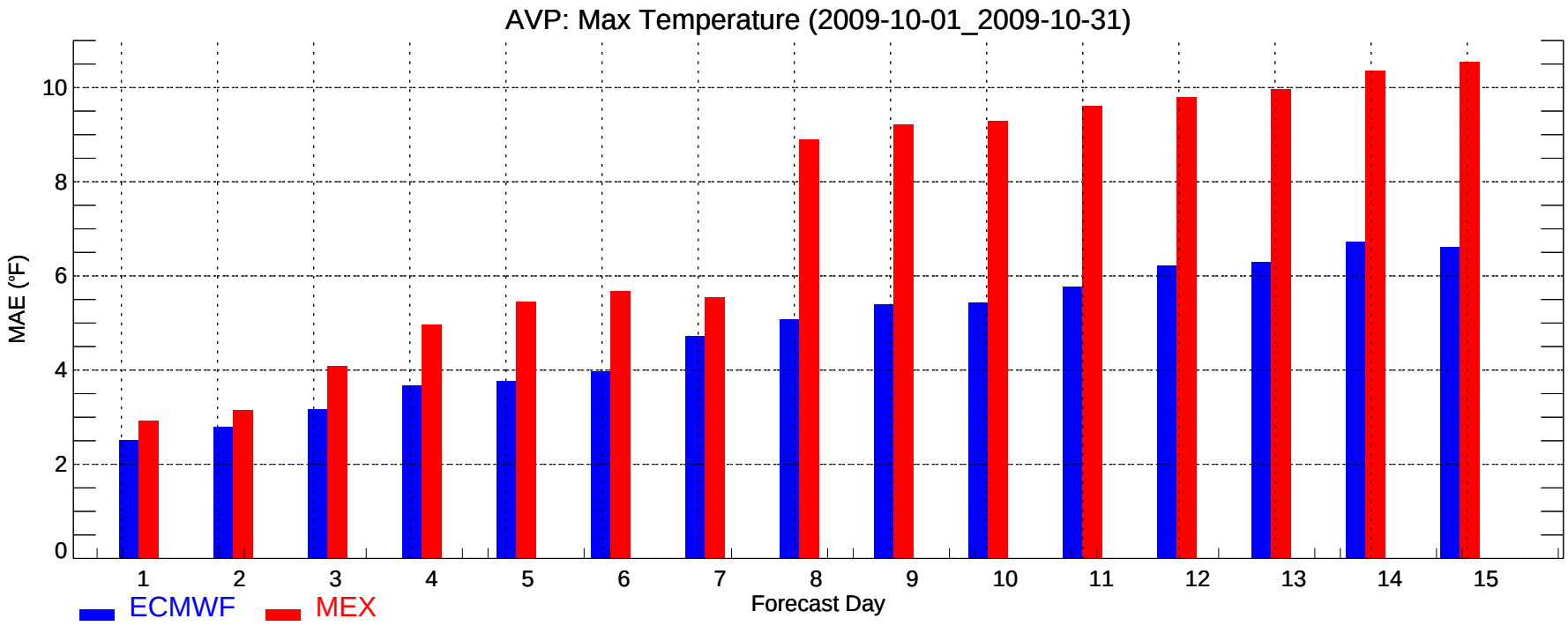
Forecast Day
ECMWF
MEX


AVP: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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2
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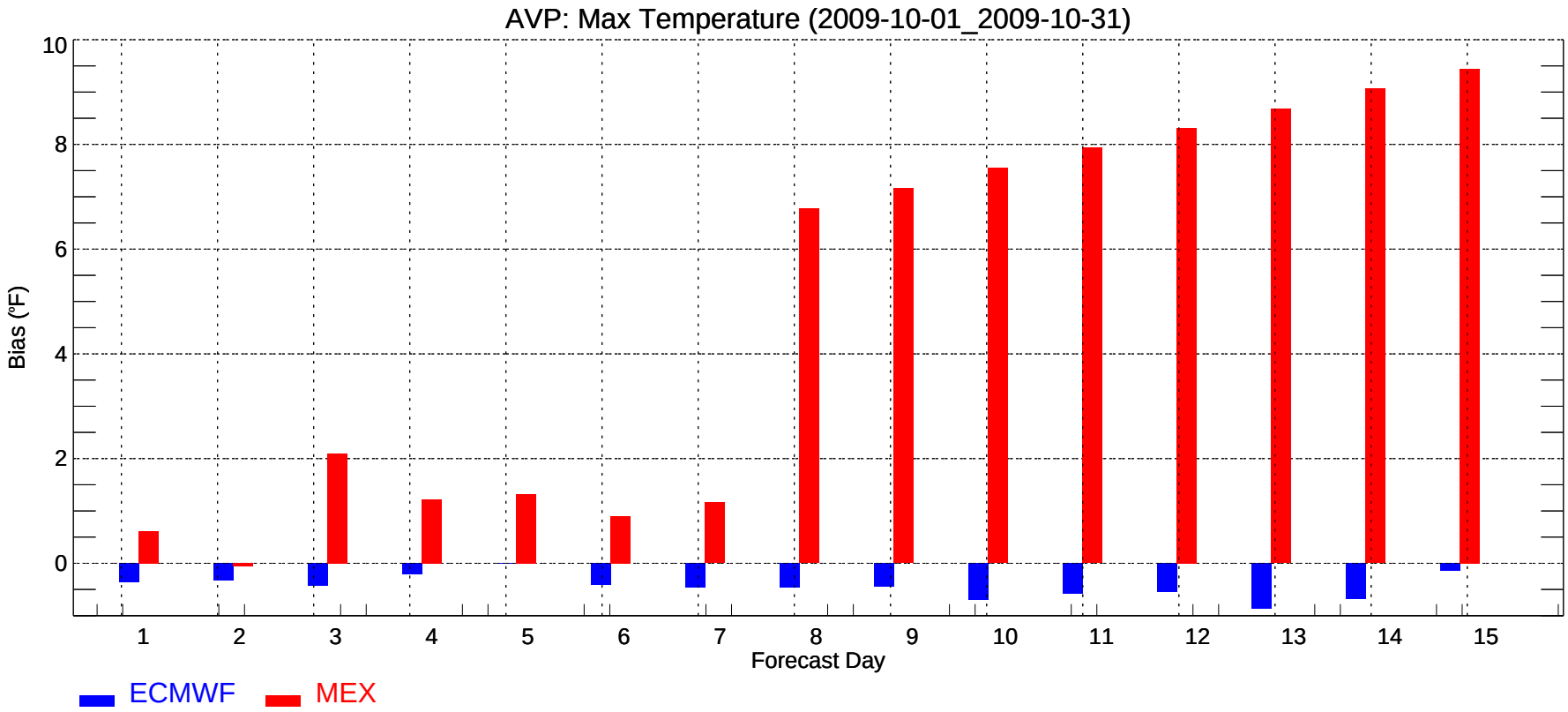
Forecast Day
ECMWF
MEX


AVP: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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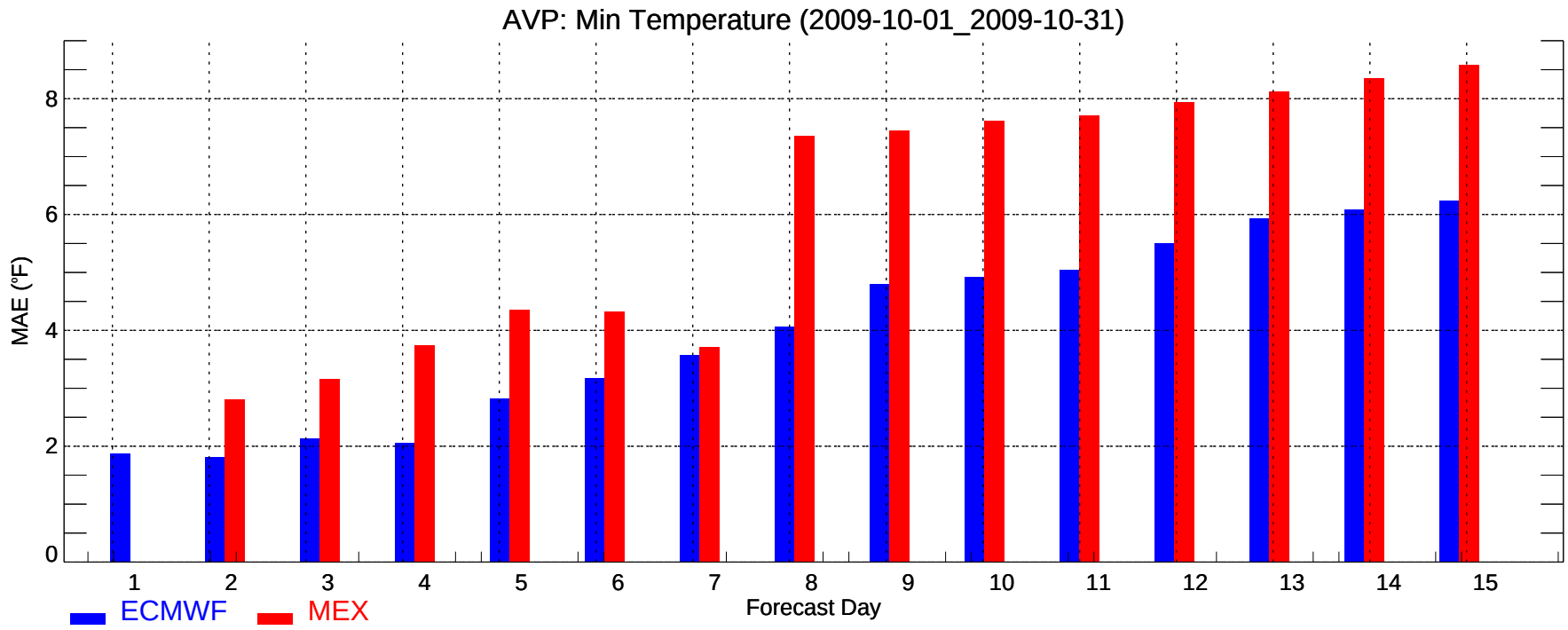
Forecast Day
ECMWF
MEX


AVP: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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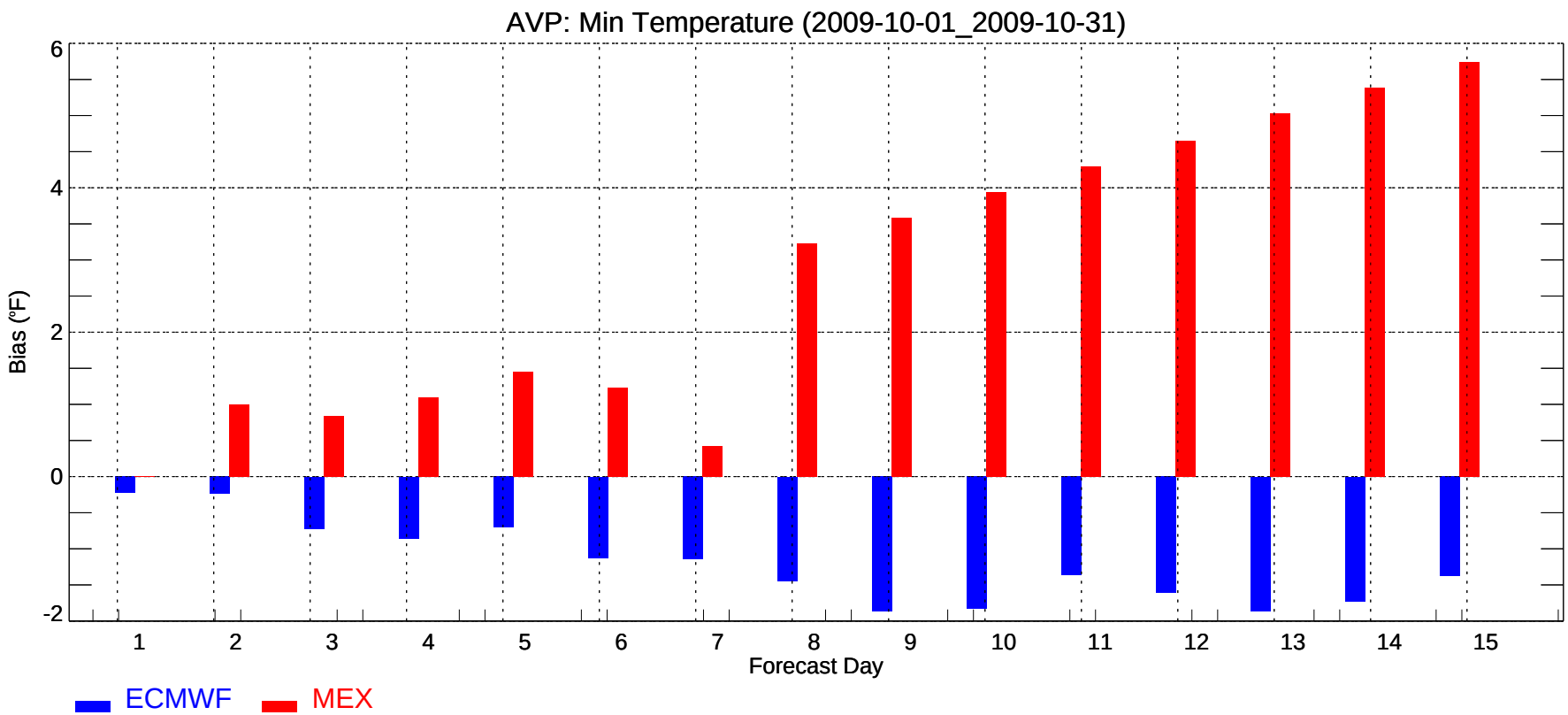
Forecast Day
ECMWF
MEX


AVP: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
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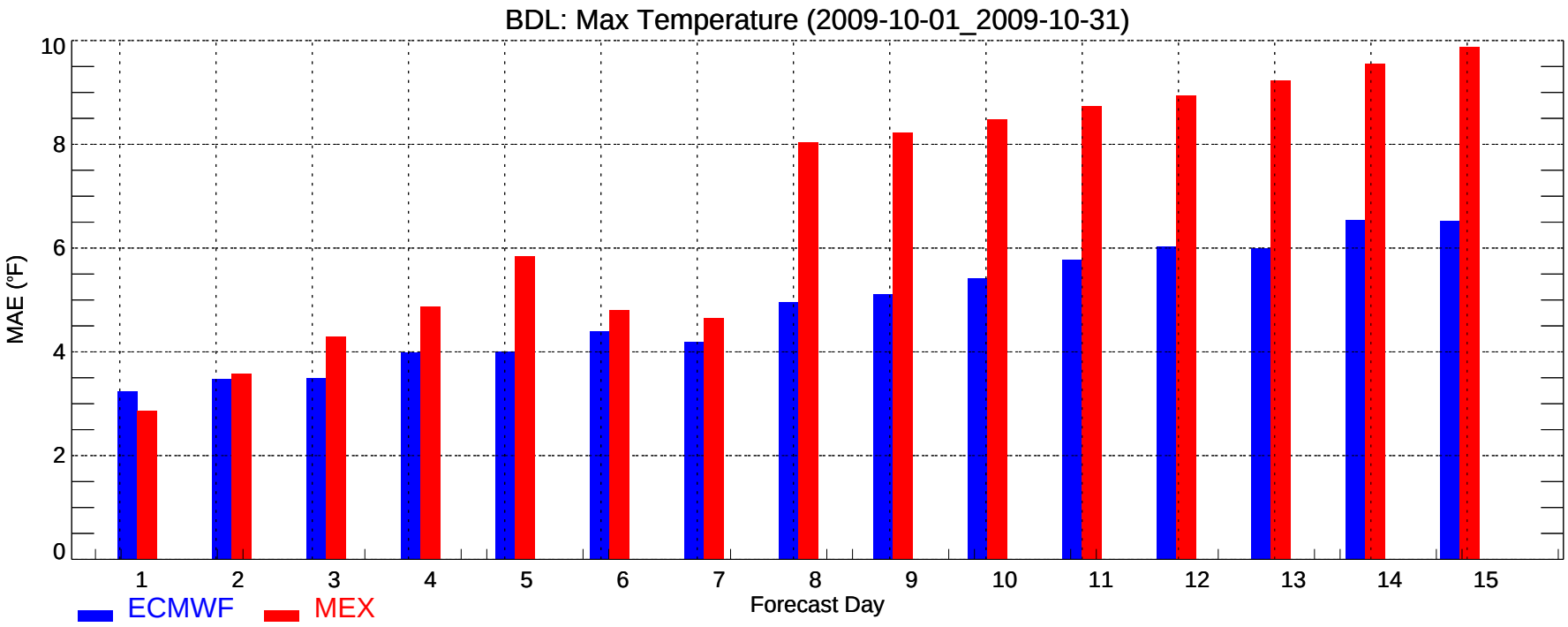
Forecast Day
ECMWF
MEX


BDL: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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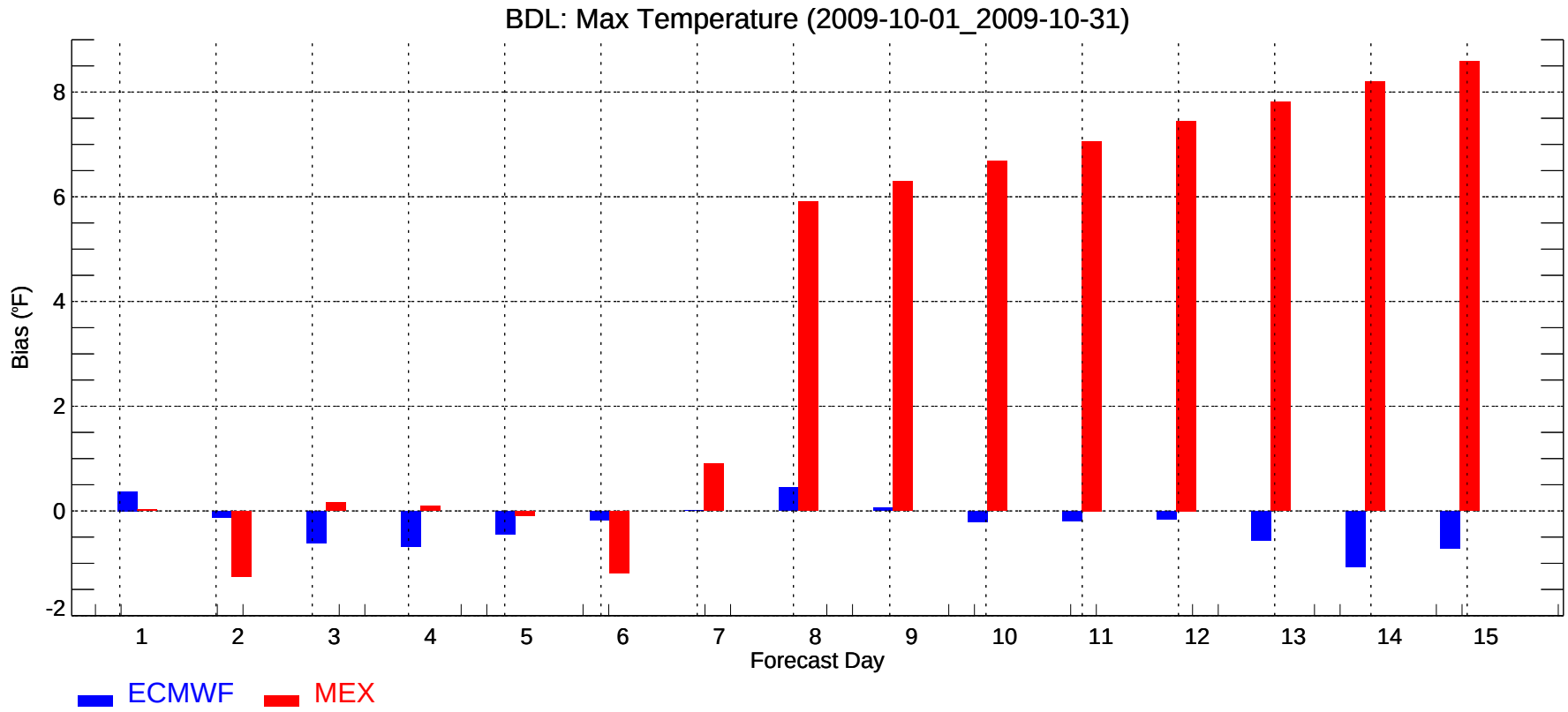
Forecast Day
ECMWF
MEX


BDL: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
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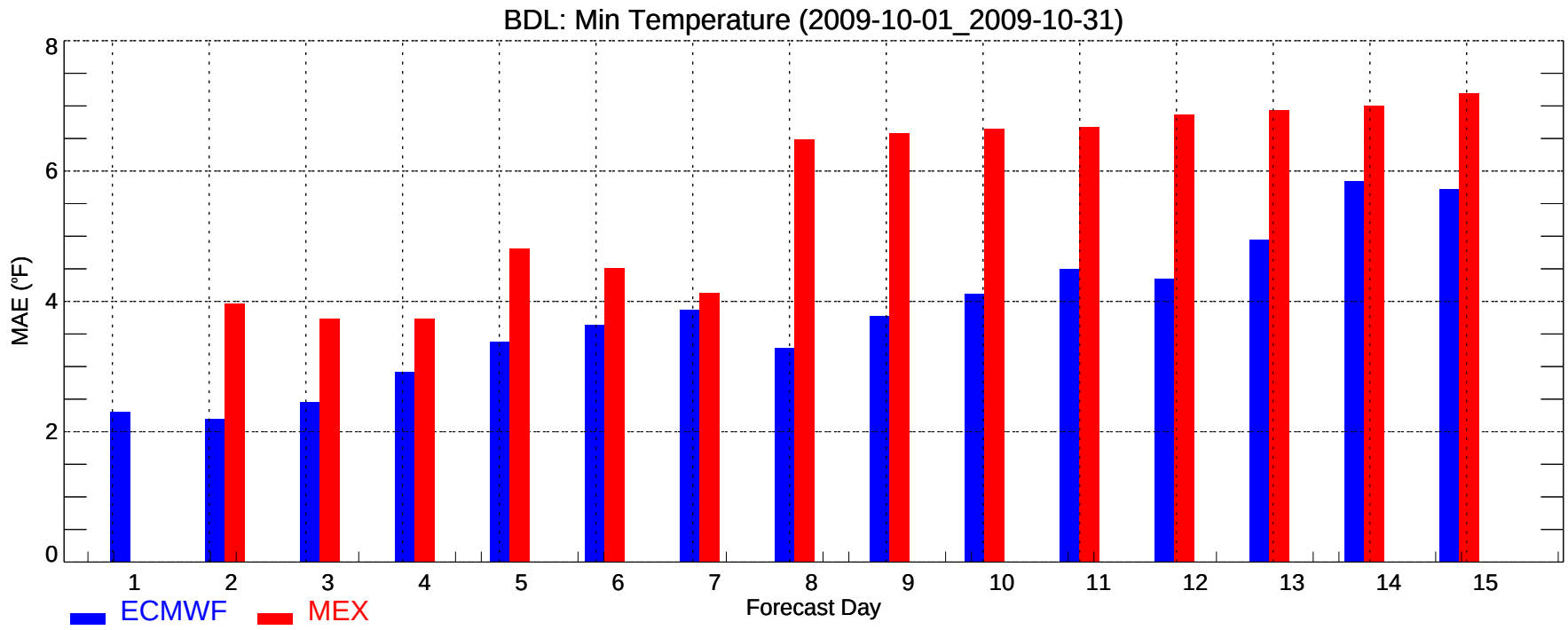
Forecast Day
ECMWF
MEX


BDL: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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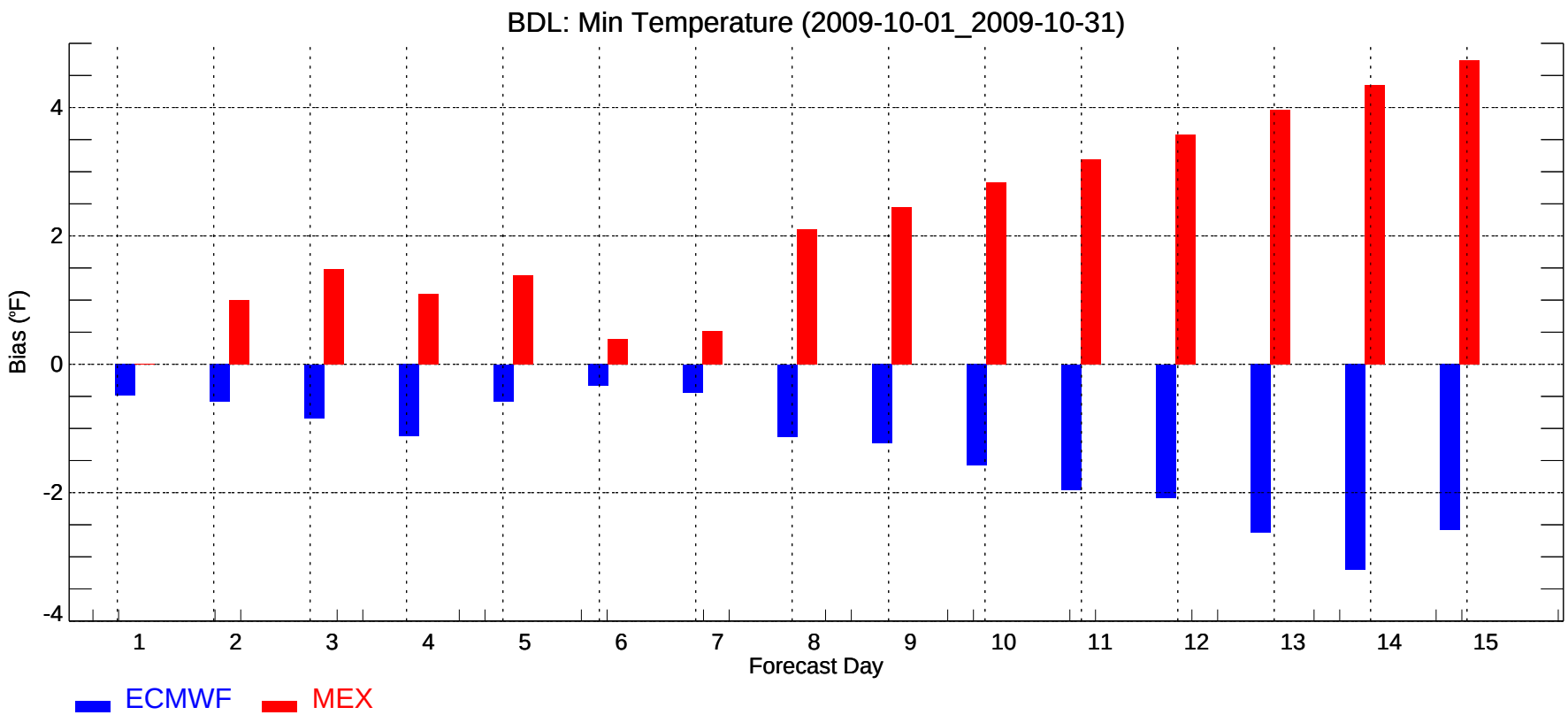
Forecast Day
ECMWF
MEX


BDL: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-4
-2
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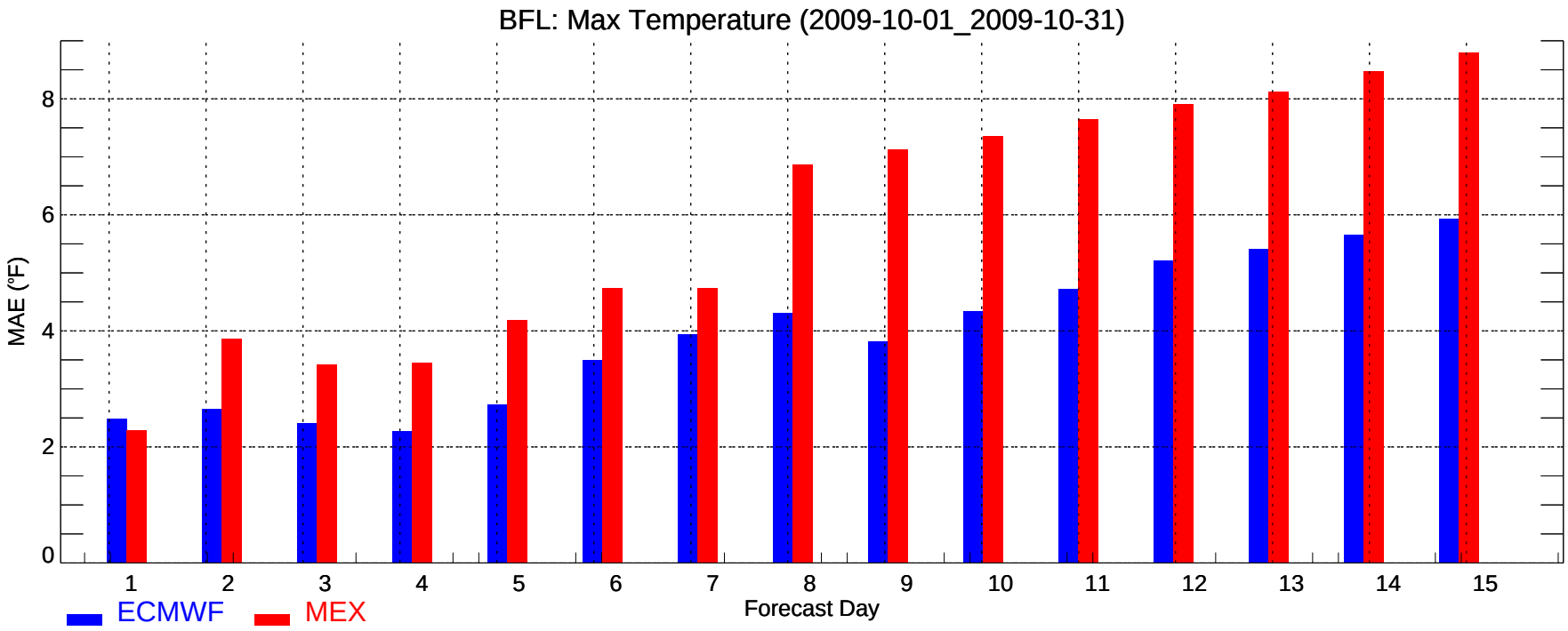
Forecast Day
ECMWF
MEX


BFL: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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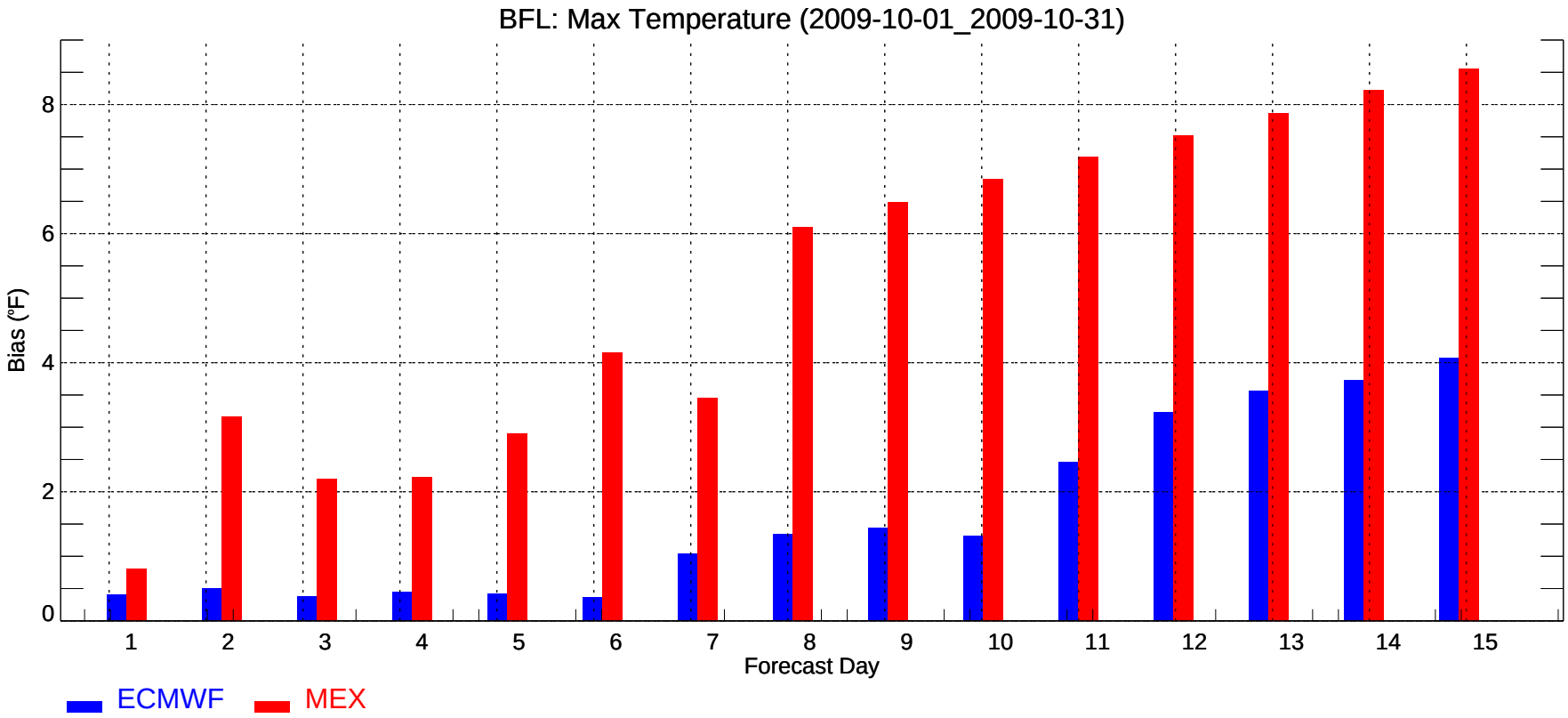
Forecast Day
ECMWF
MEX


BFL: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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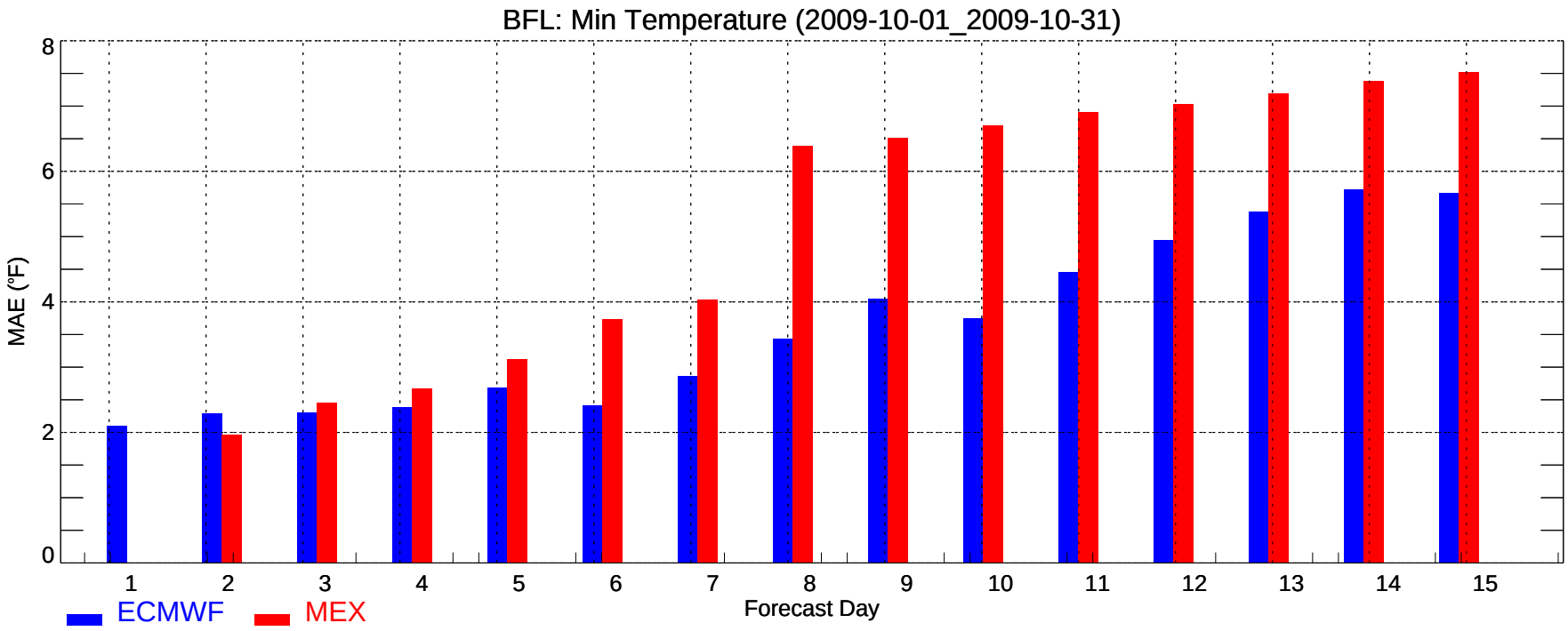
Forecast Day
ECMWF
MEX


BFL: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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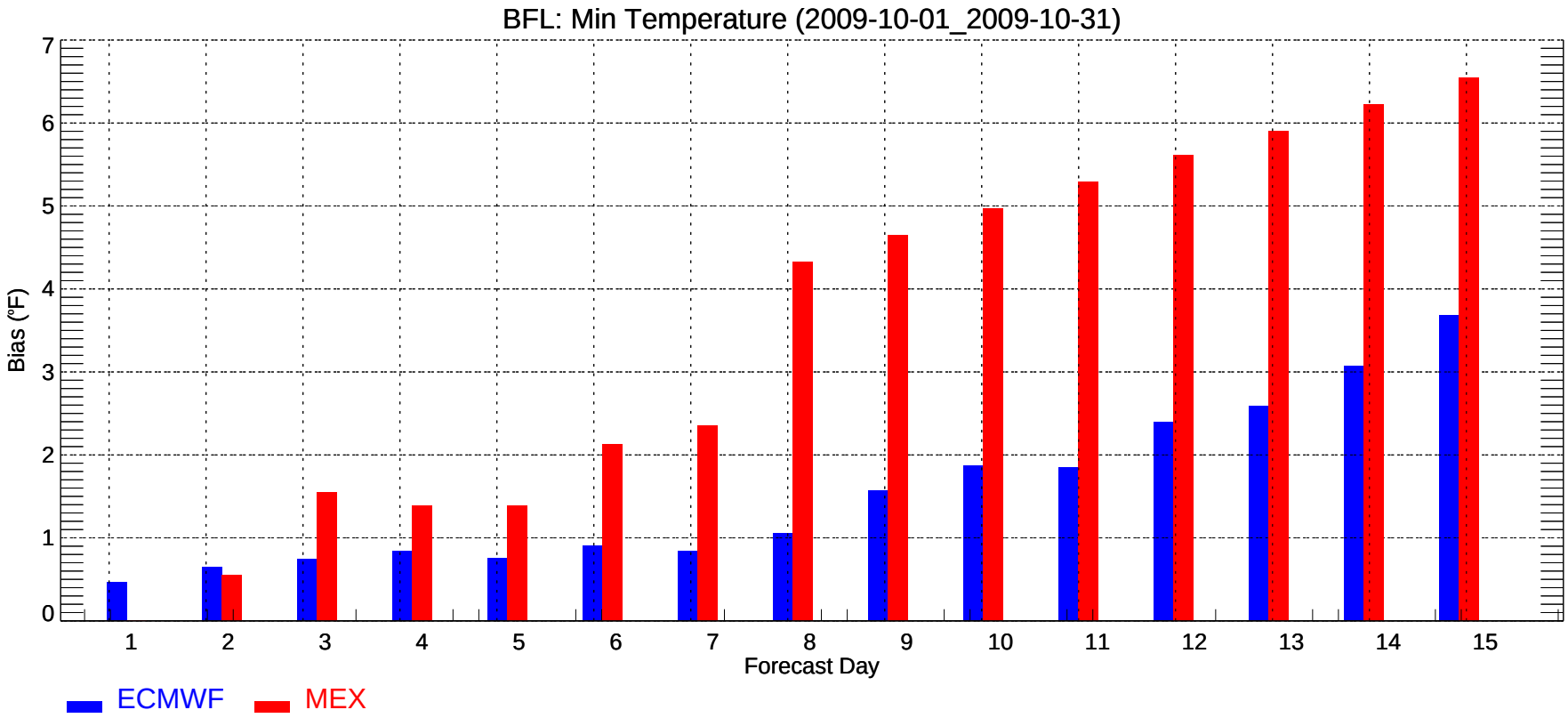
Forecast Day
ECMWF
MEX


BFL: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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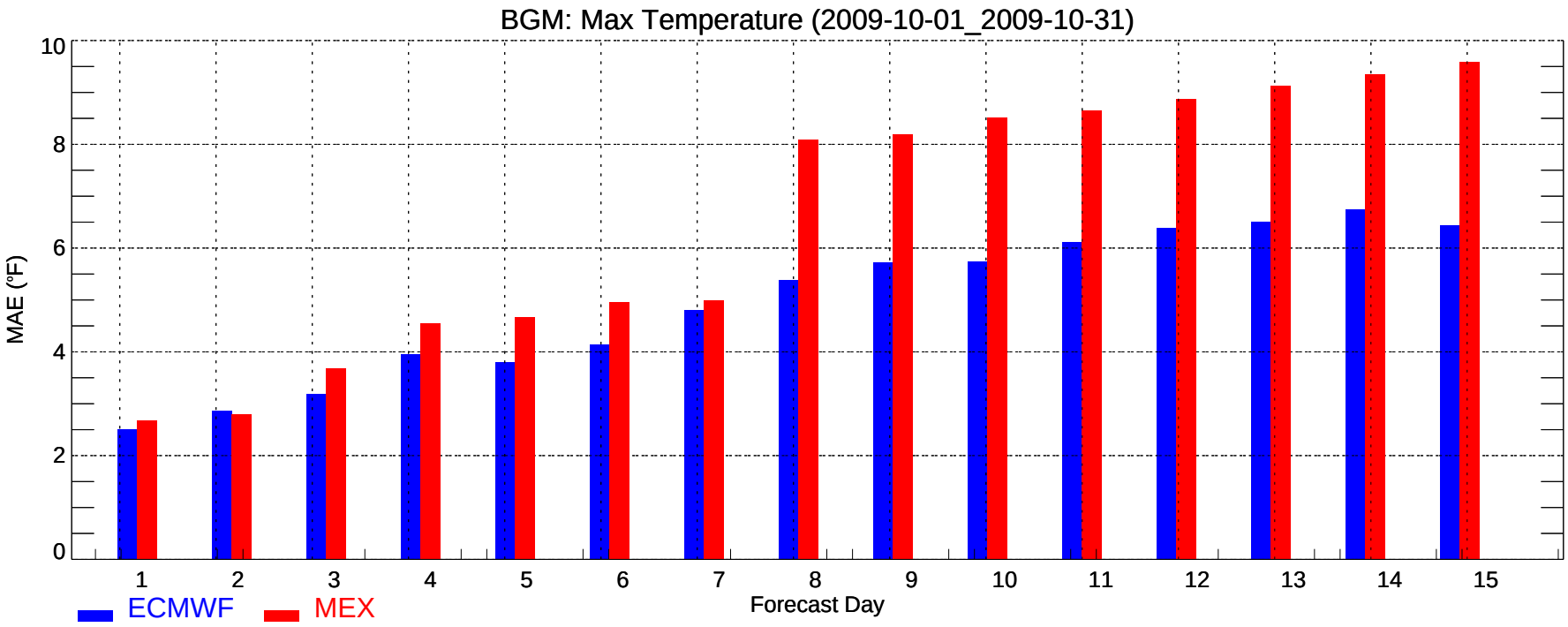
Forecast Day
ECMWF
MEX


BGM: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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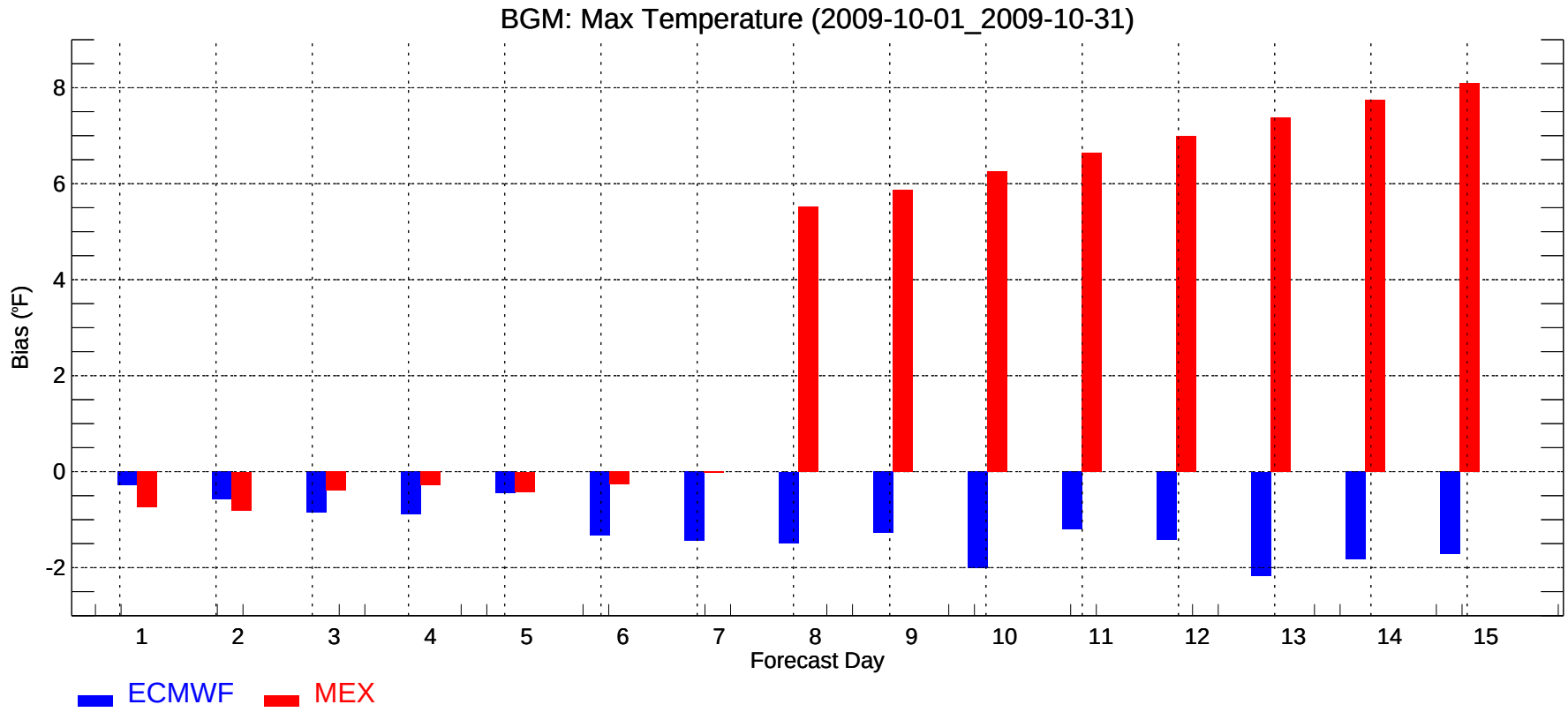
15
Forecast Day
ECMWF
MEX


BGM: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
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6
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8
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10
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14
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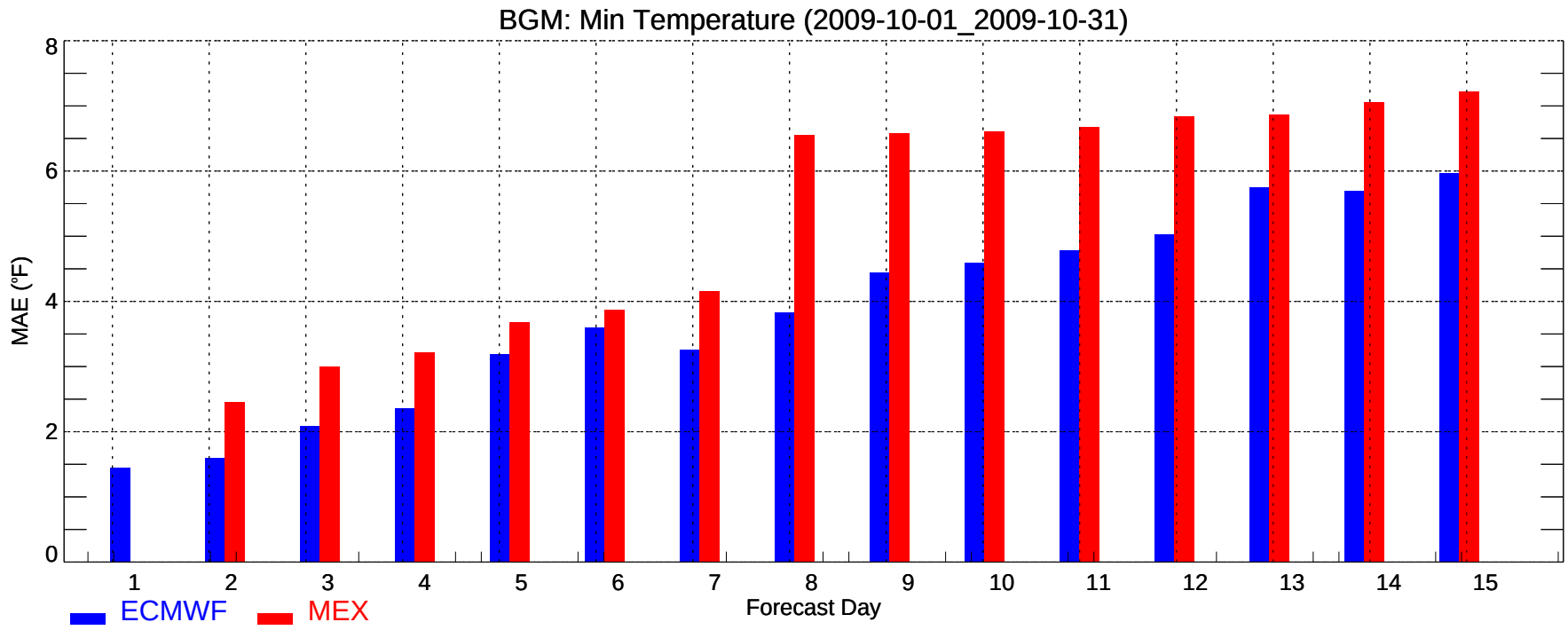
Forecast Day
ECMWF
MEX


BGM: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
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8
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10
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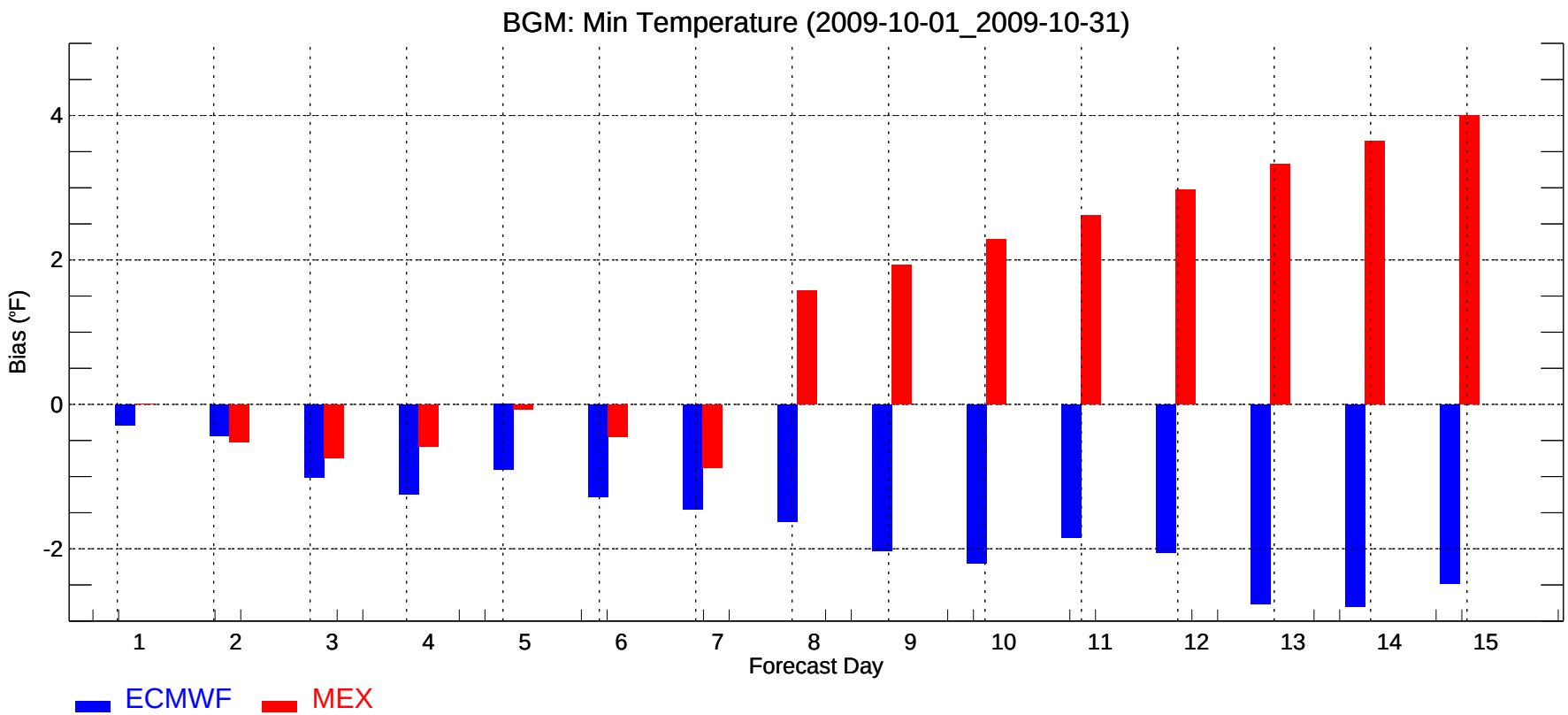
13
14
15
Forecast Day
ECMWF
MEX


BGM: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
1
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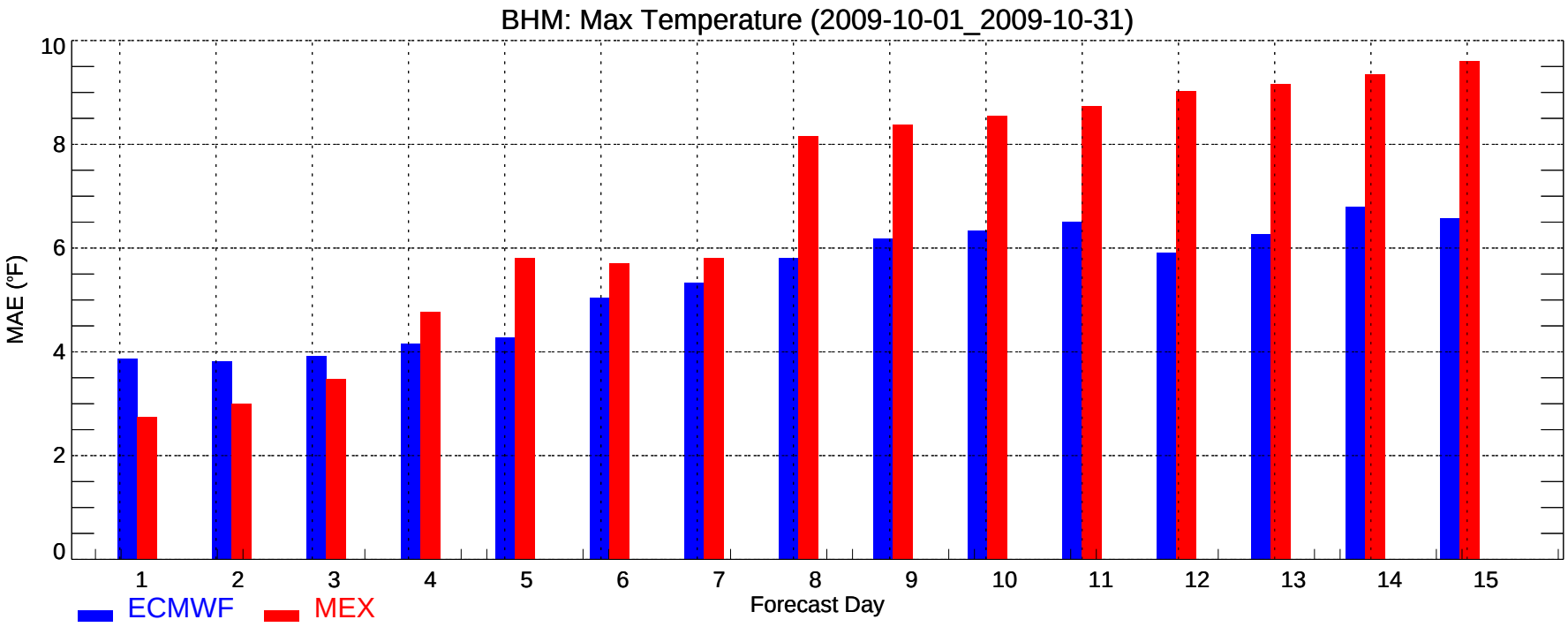
Forecast Day
ECMWF
MEX


BHM: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
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8
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13
14
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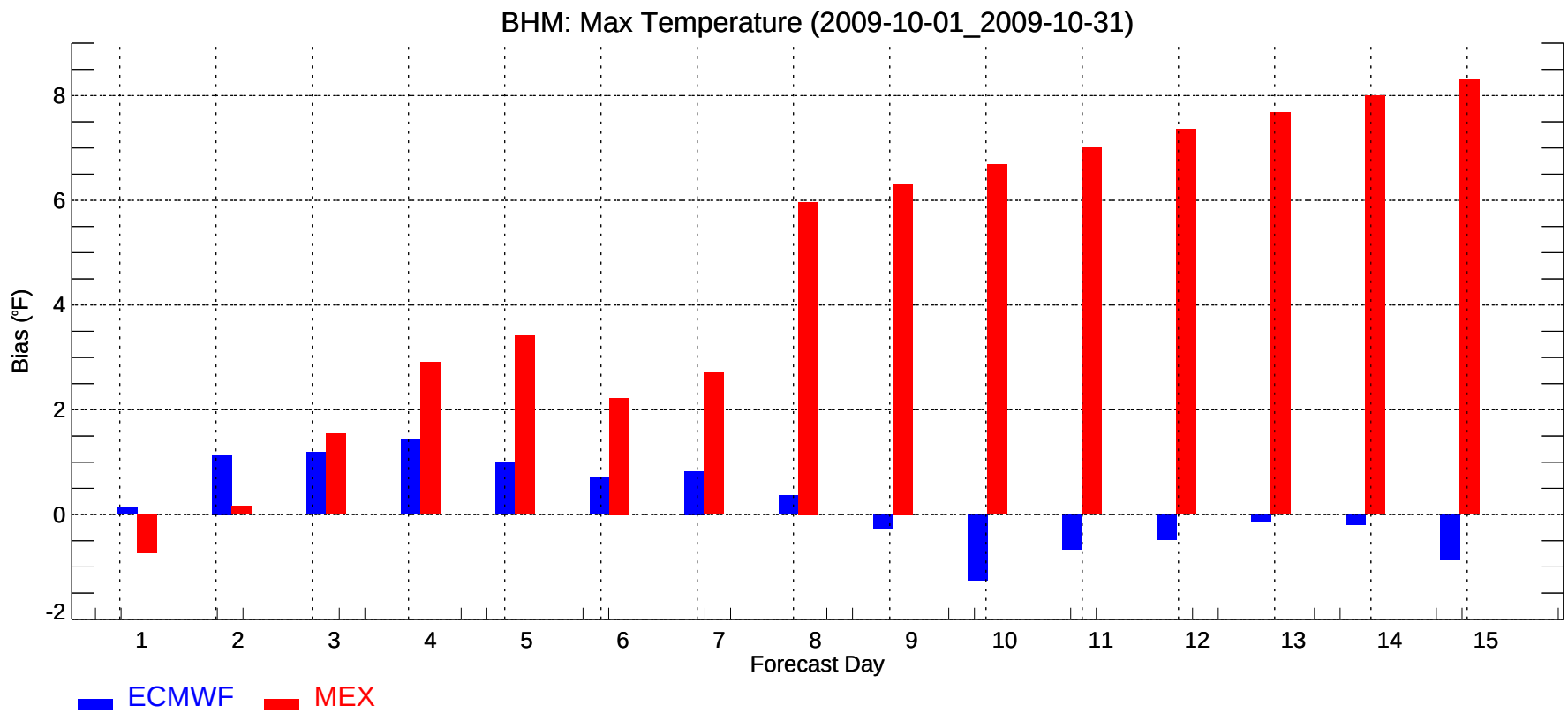
Forecast Day
ECMWF
MEX


BHM: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
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1
2
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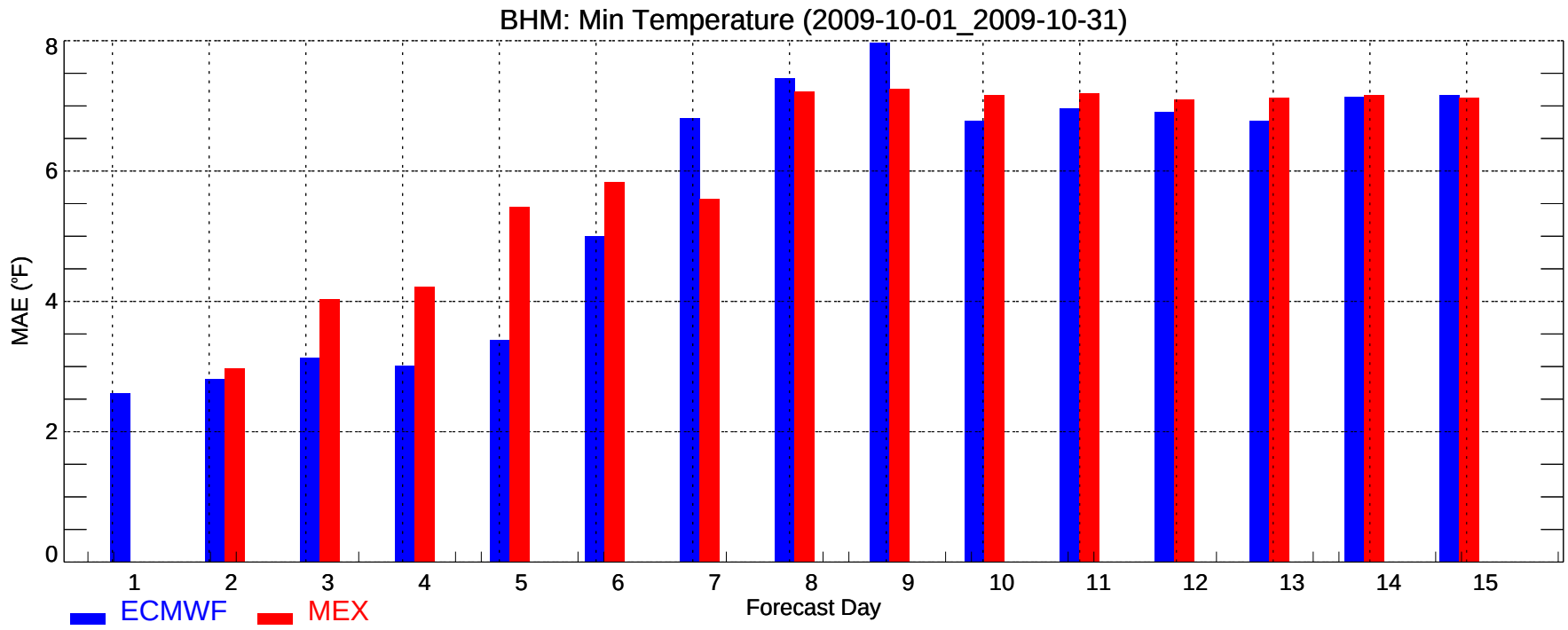
14
15
Forecast Day
ECMWF
MEX


BHM: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
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1
2
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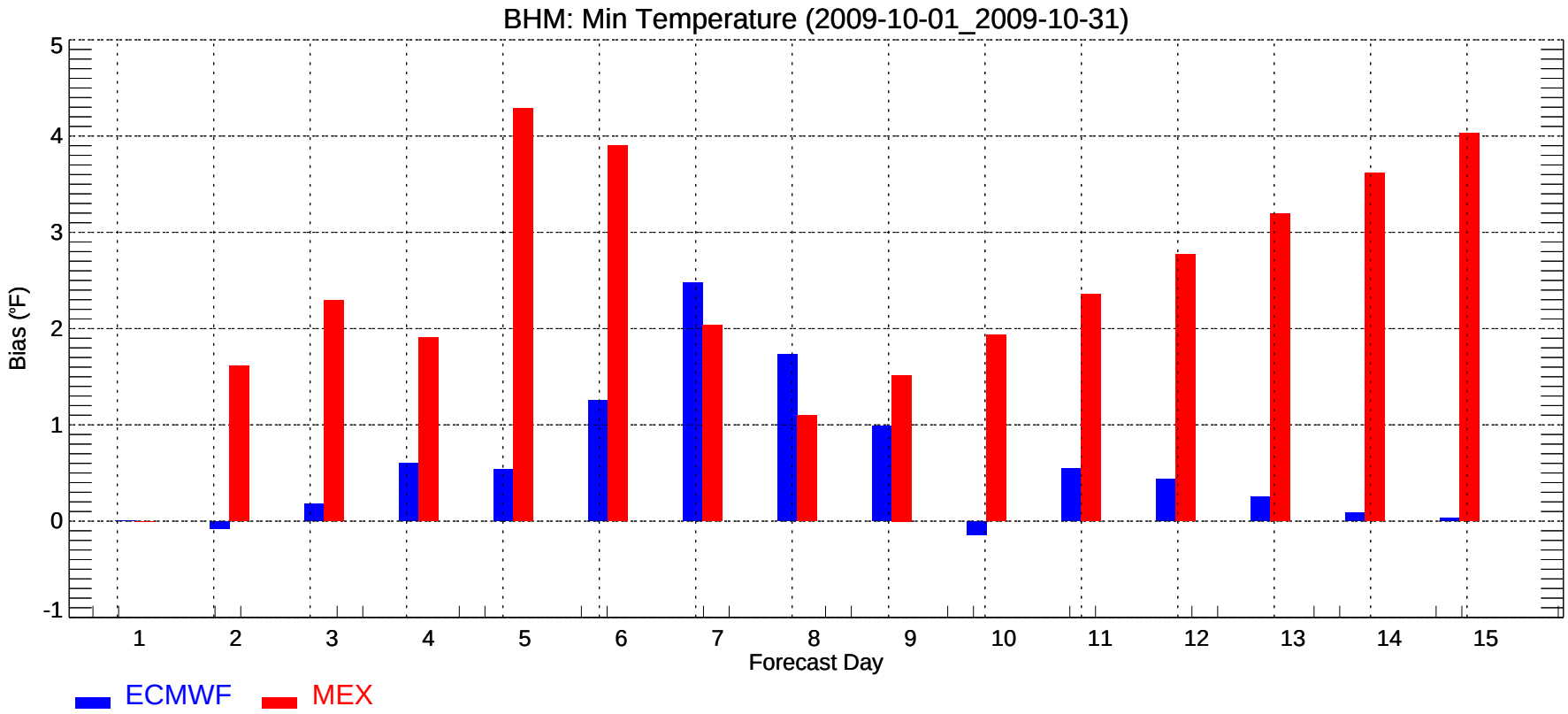
Forecast Day
ECMWF
MEX


BHM: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
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0
1
2
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4
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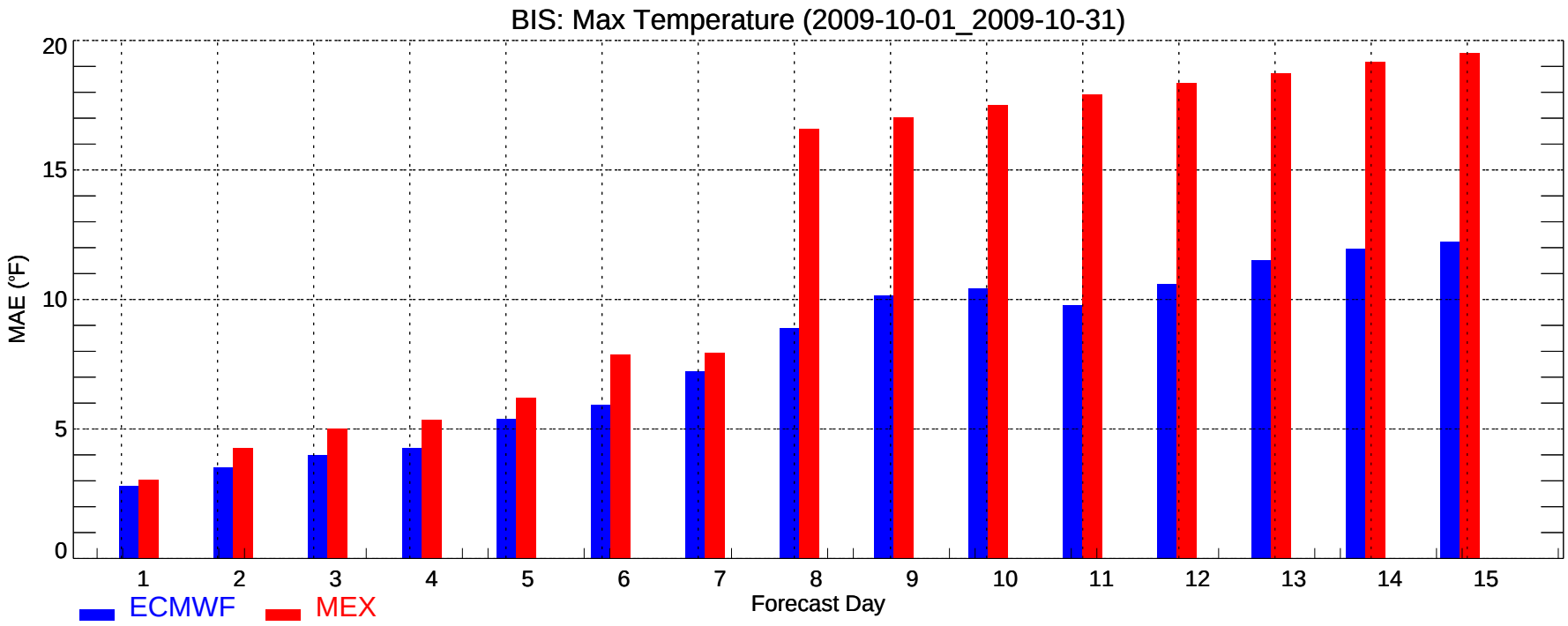
Forecast Day
ECMWF
MEX


BIS: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
5
10
15
20
1
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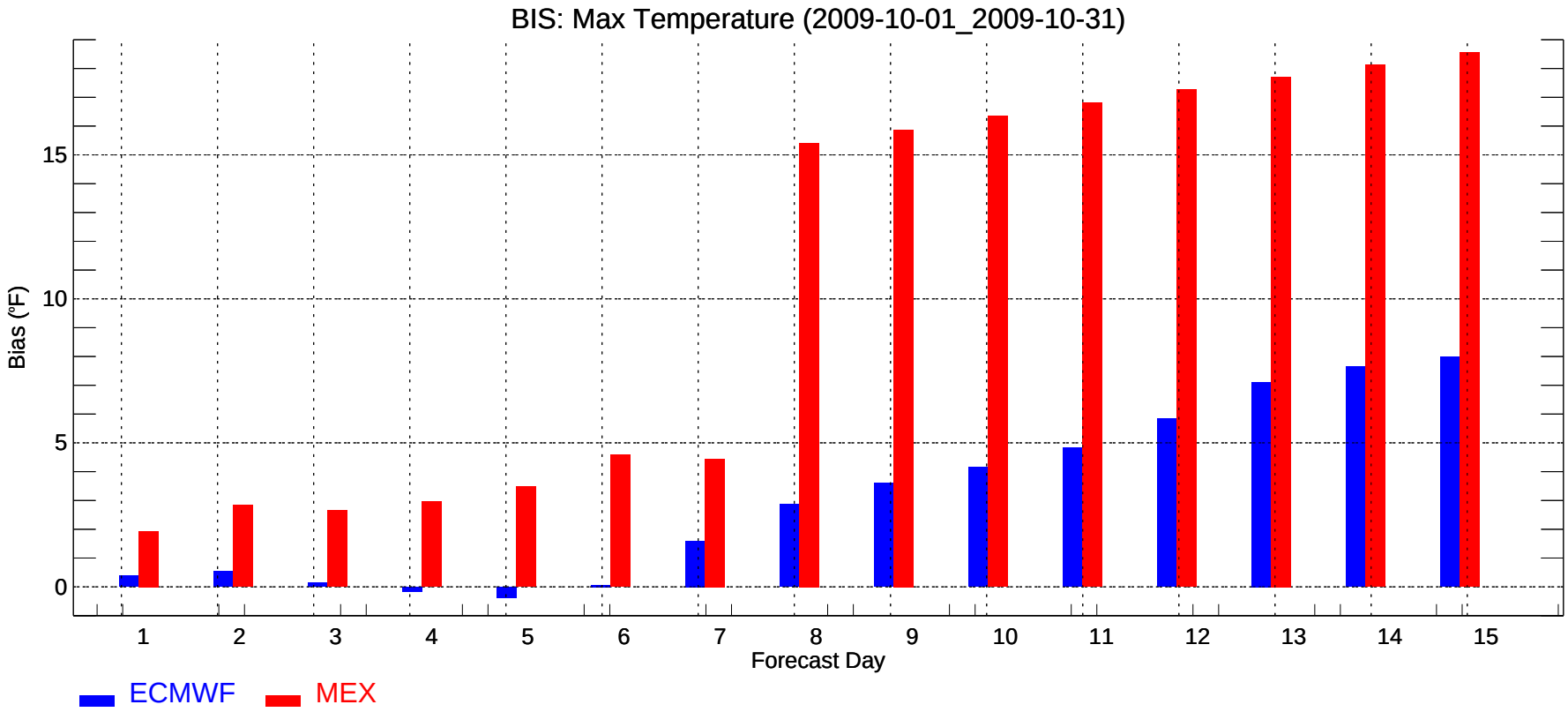
13
14
15
Forecast Day
ECMWF
MEX


BIS: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
1
2
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6
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8
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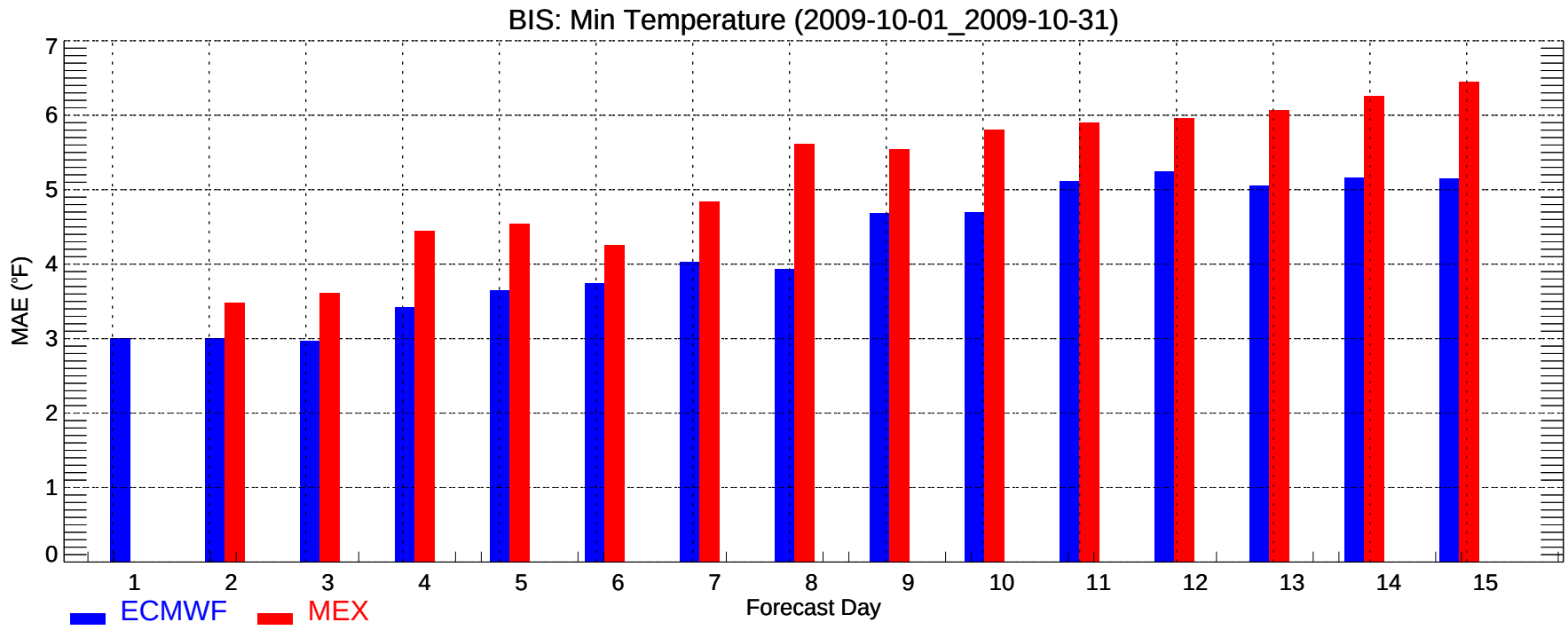
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


BIS: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
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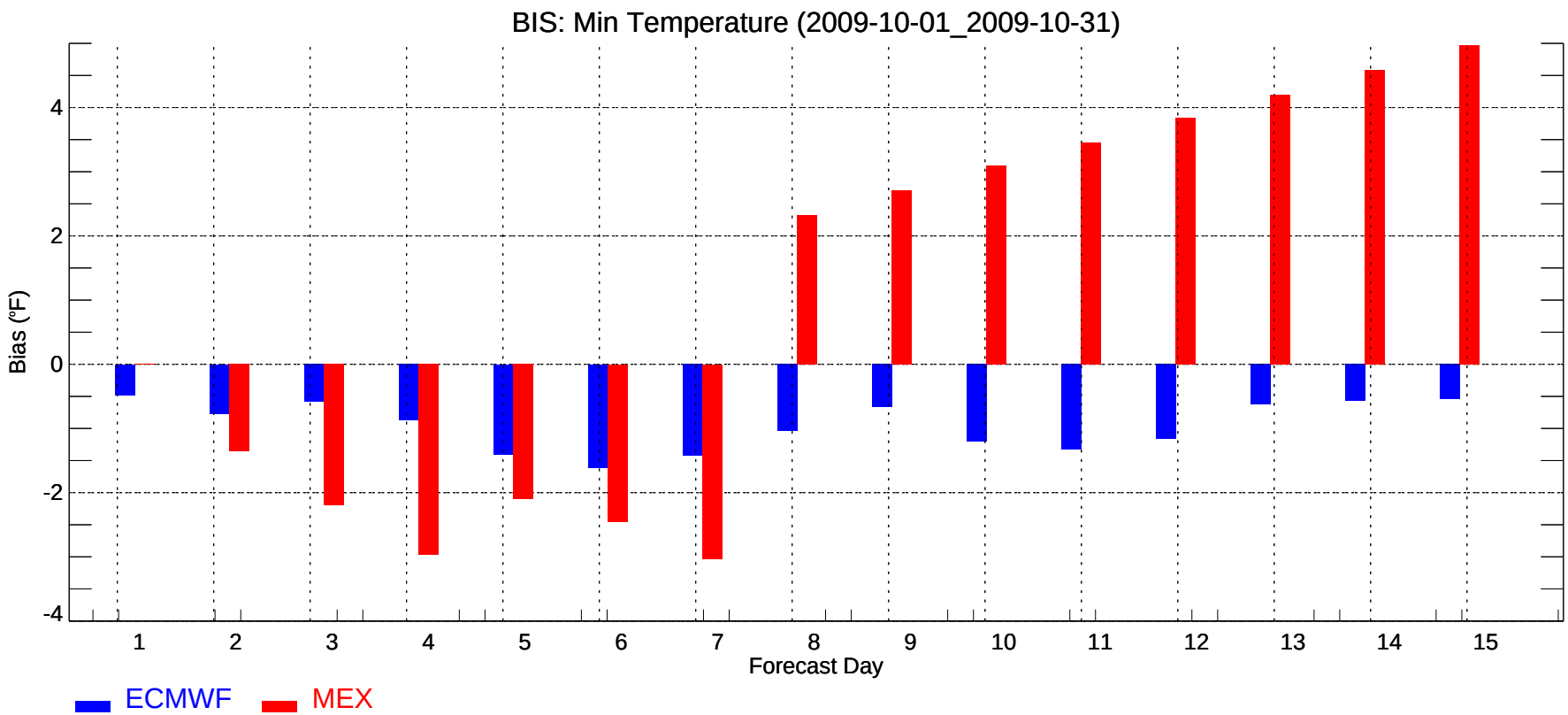
Forecast Day
ECMWF
MEX


BIS: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
4
2
0
-2
-4
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2
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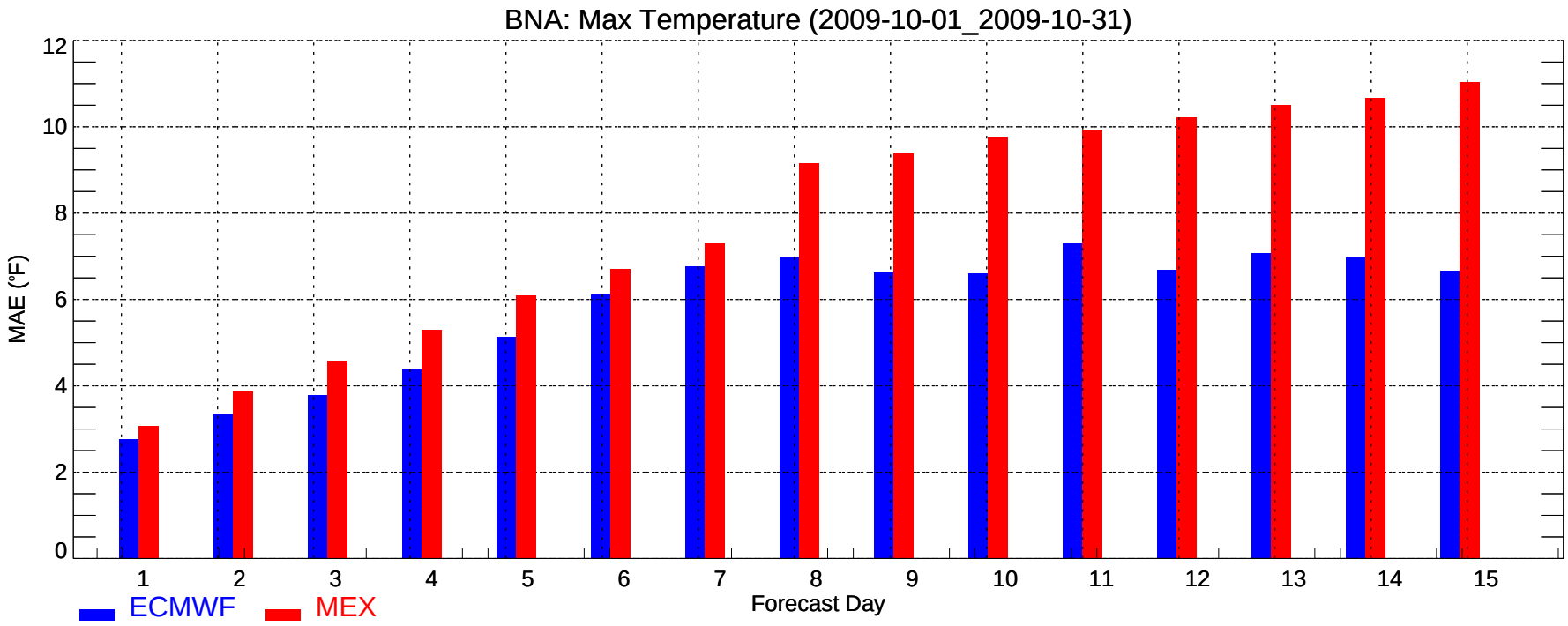
Forecast Day
ECMWF
MEX


BNA: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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12
1
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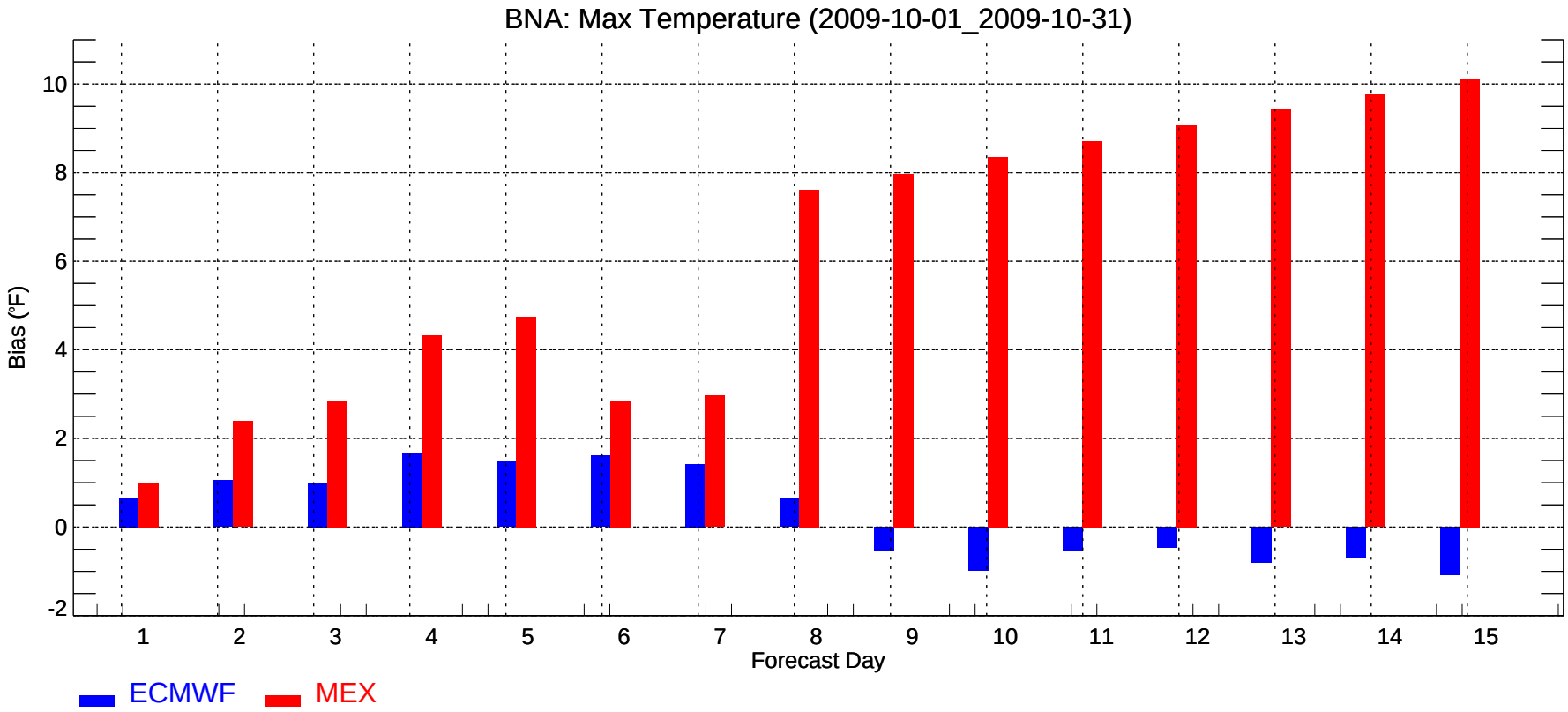
Forecast Day
ECMWF
MEX


BNA: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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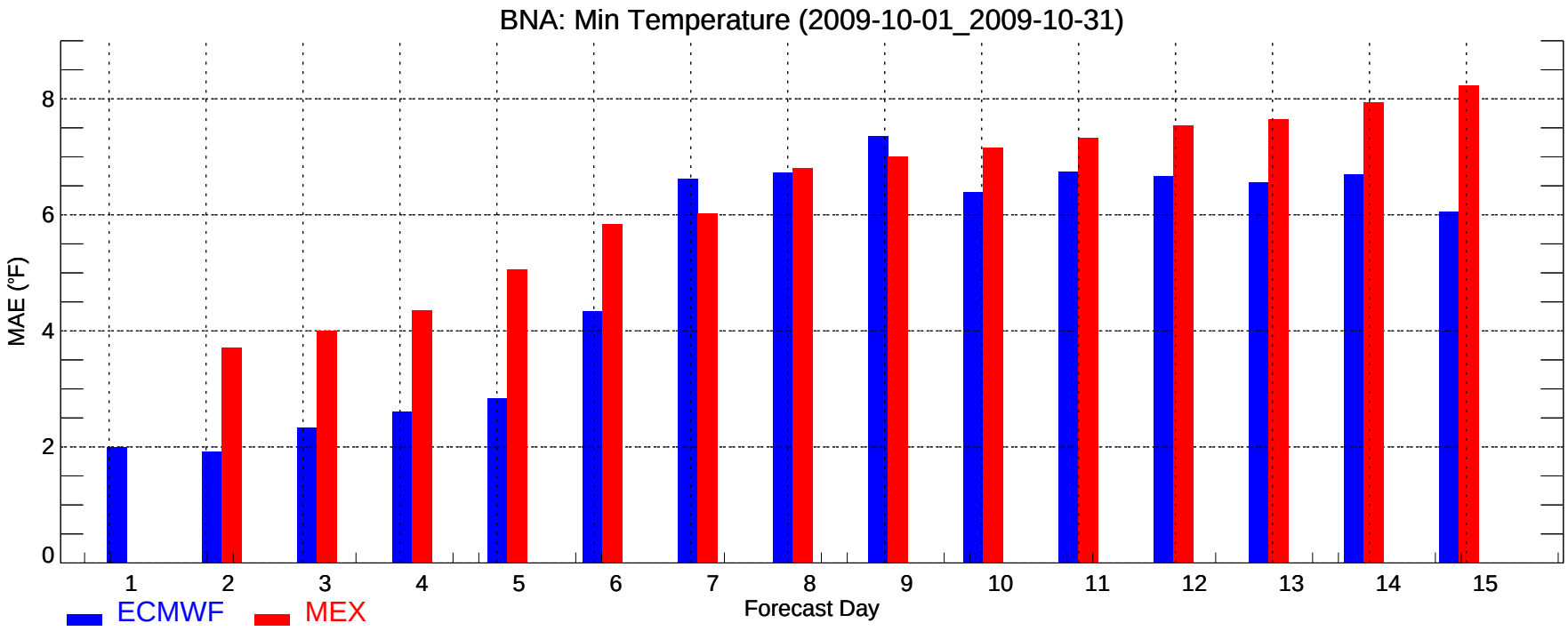
Forecast Day
ECMWF
MEX


BNA: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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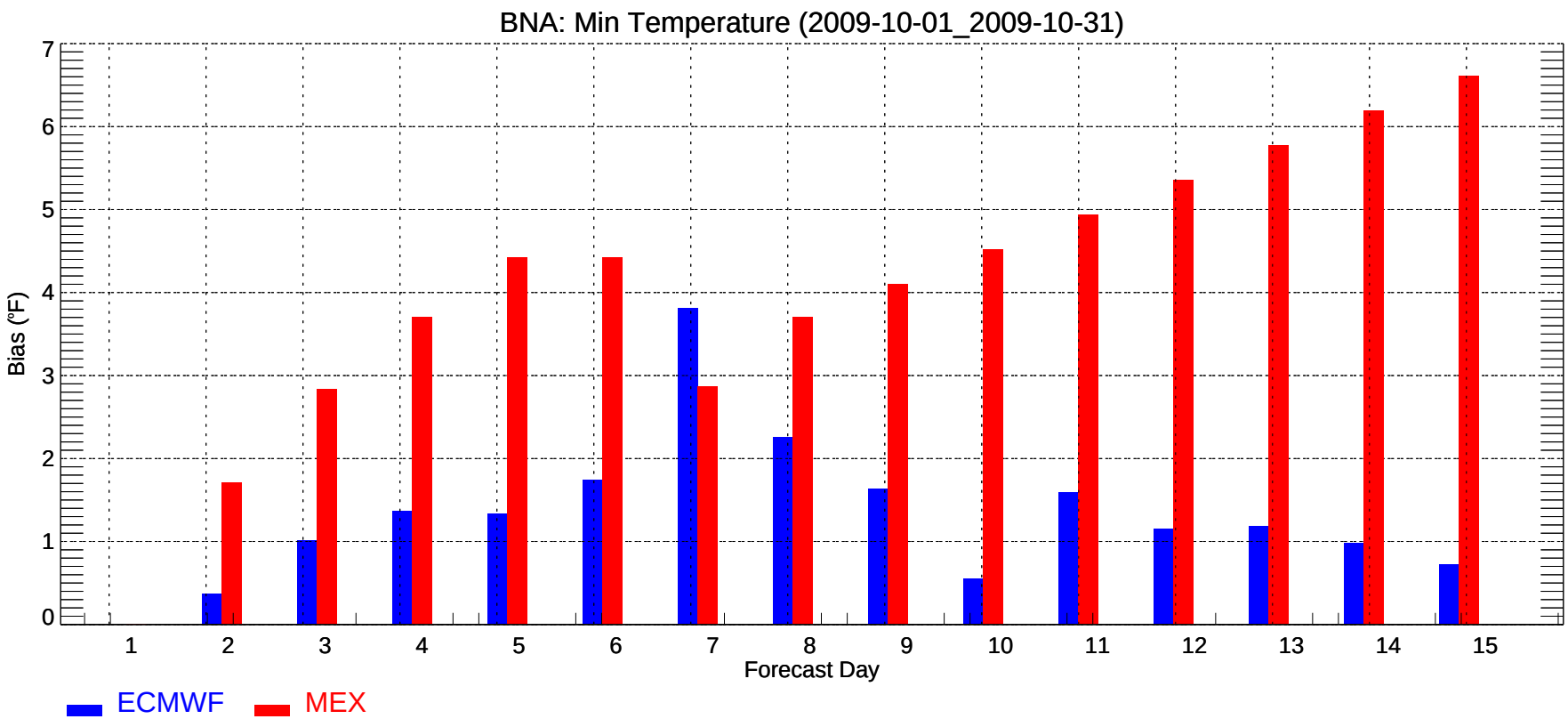
Forecast Day
ECMWF
MEX


BNA: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
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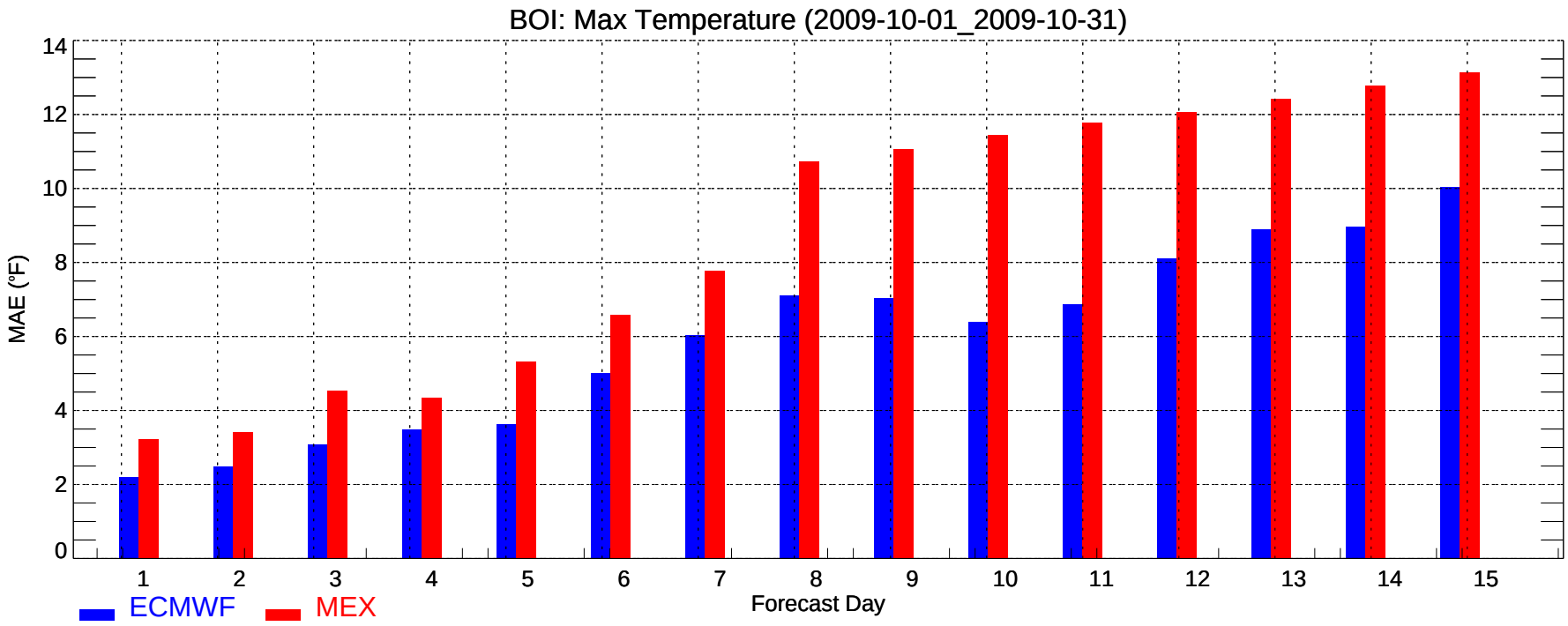
Forecast Day
ECMWF
MEX


BOI: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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12
14
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4
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6
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8
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13
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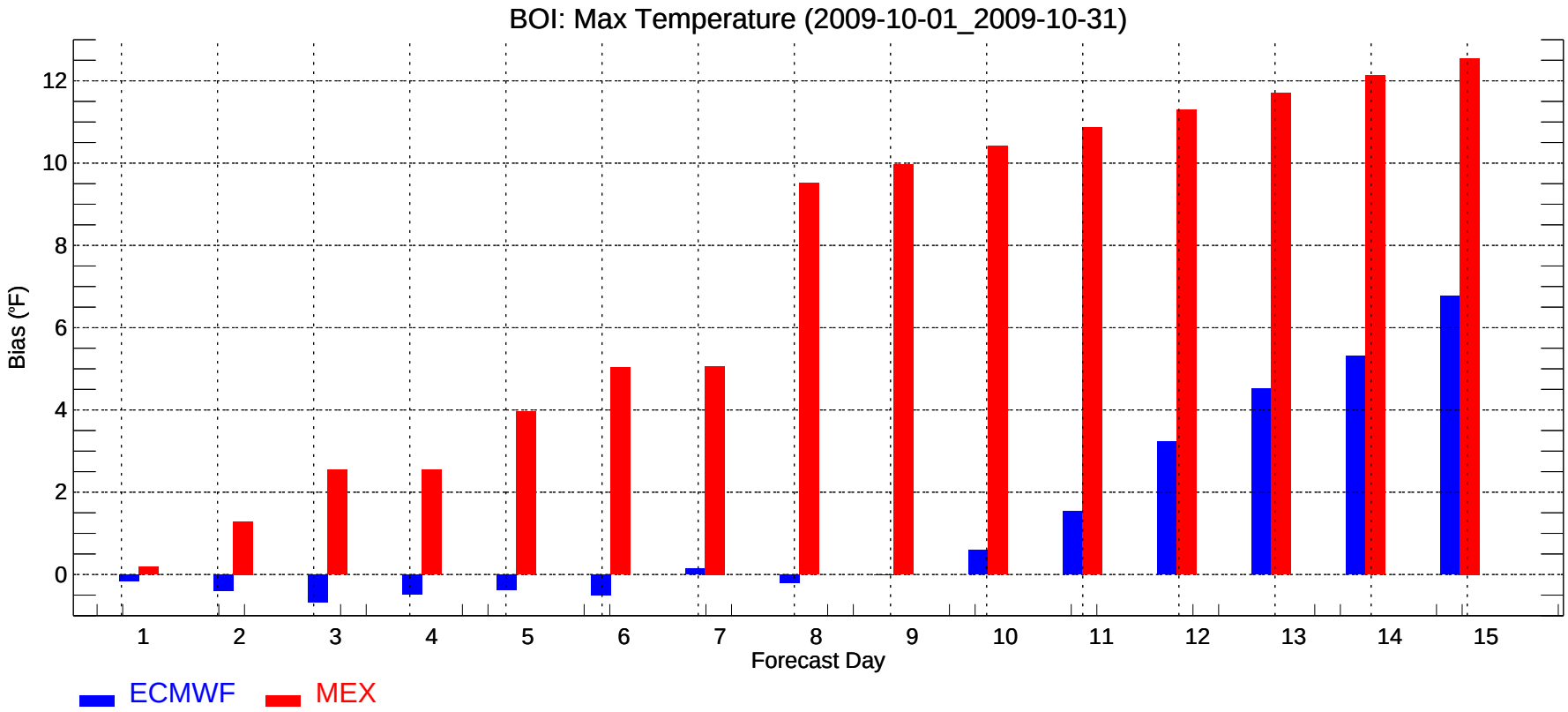
Forecast Day
ECMWF
MEX


BOI: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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12
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2
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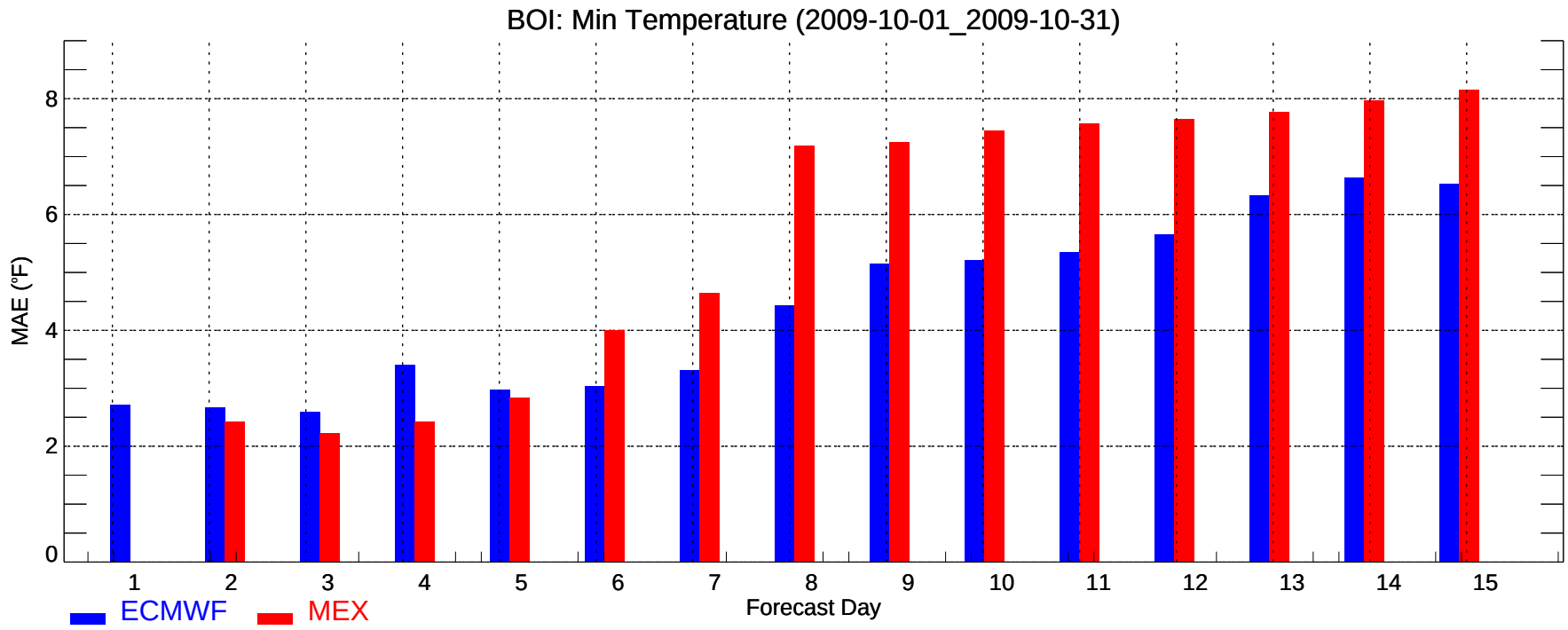
Forecast Day
ECMWF
MEX


BOI: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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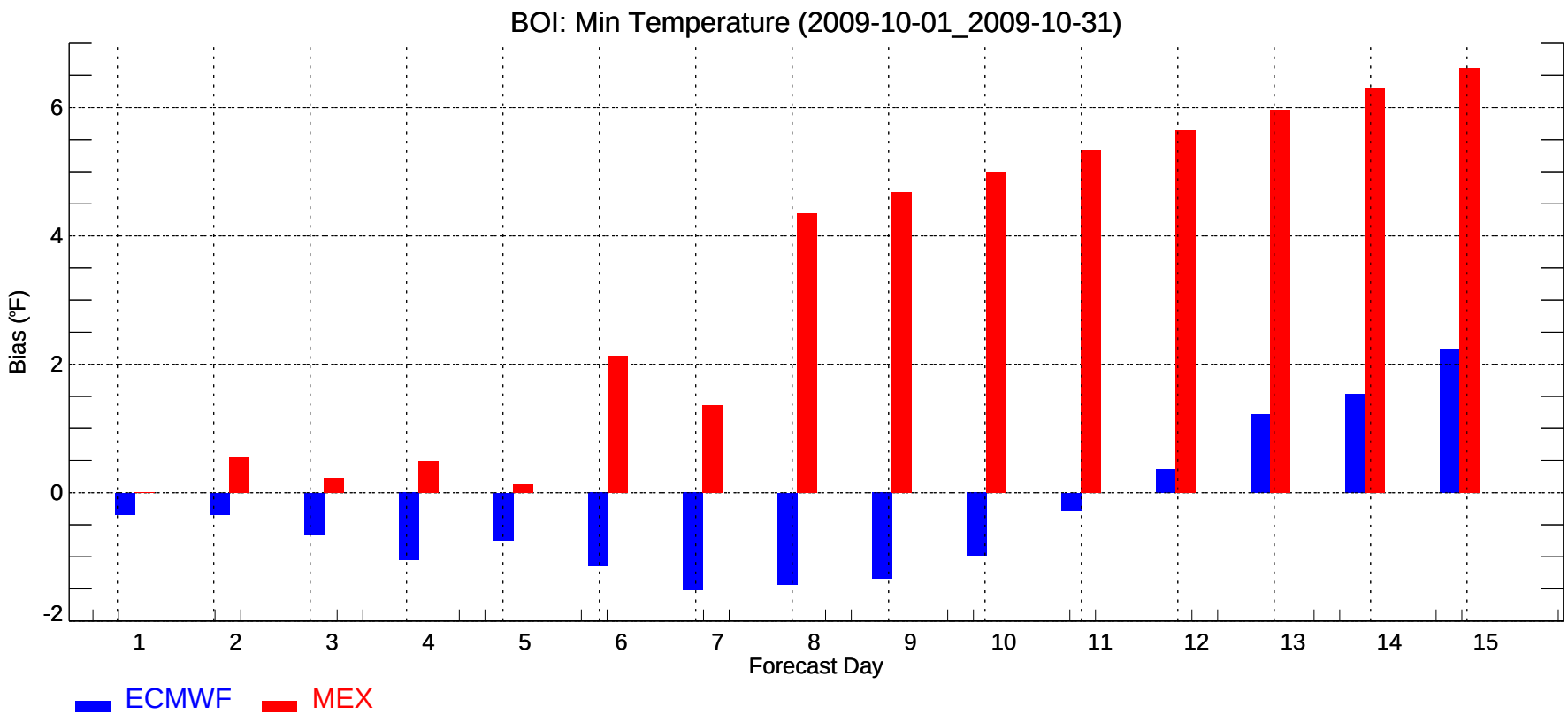
Forecast Day
ECMWF
MEX


BOI: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
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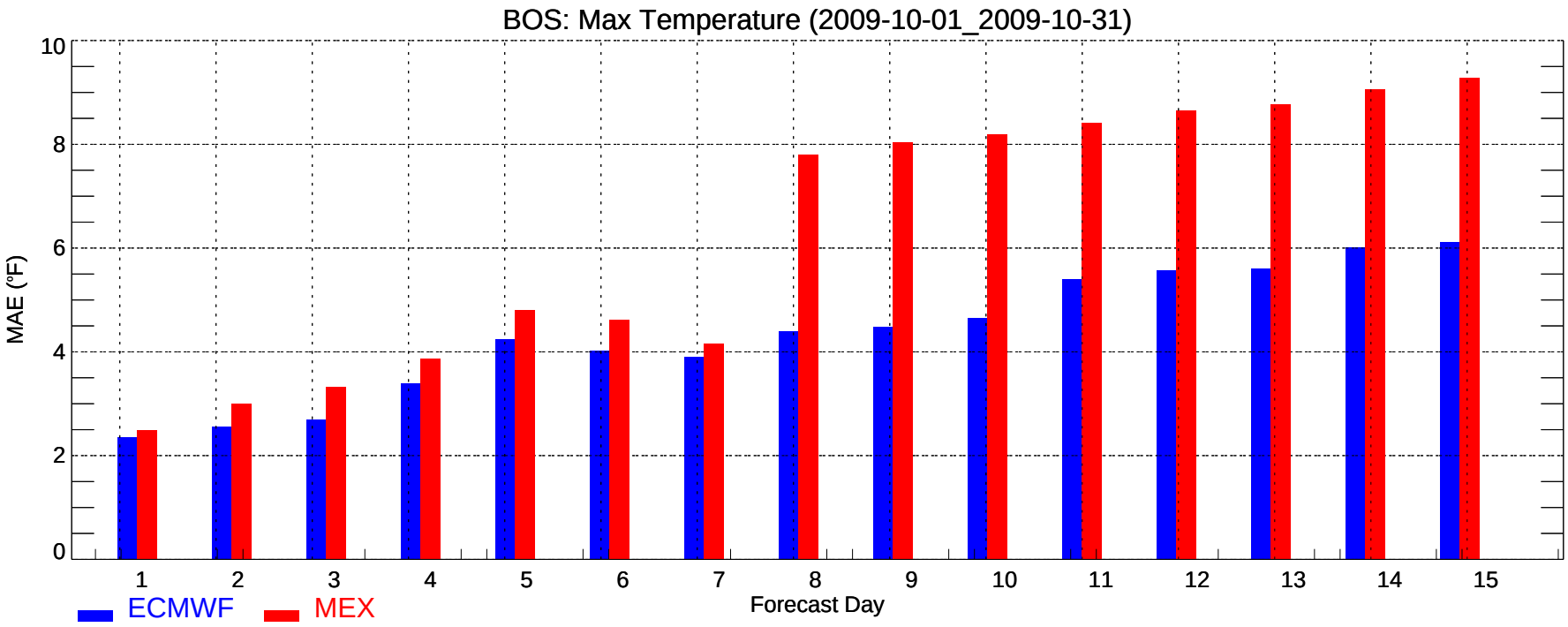
Forecast Day
ECMWF
MEX


BOS: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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2
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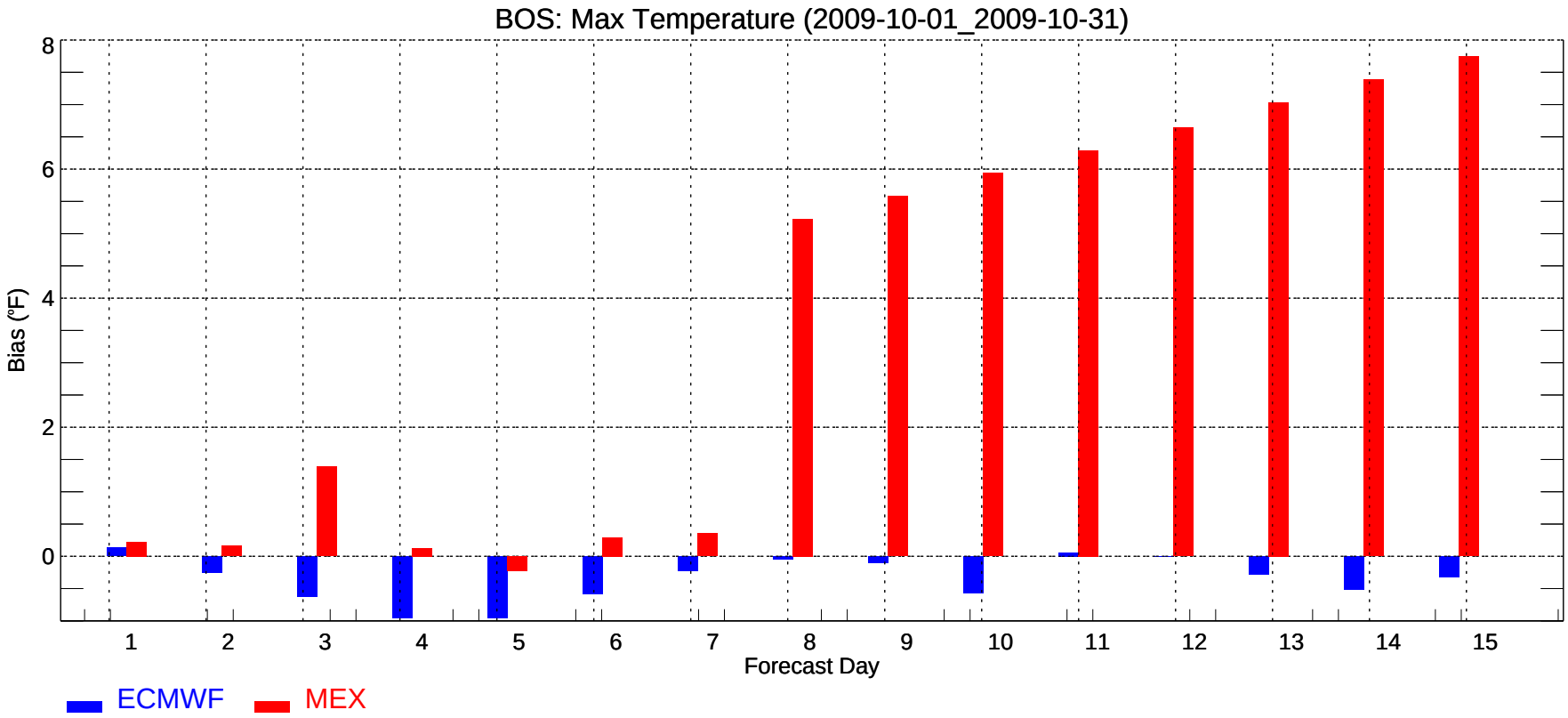
Forecast Day
ECMWF
MEX


BOS: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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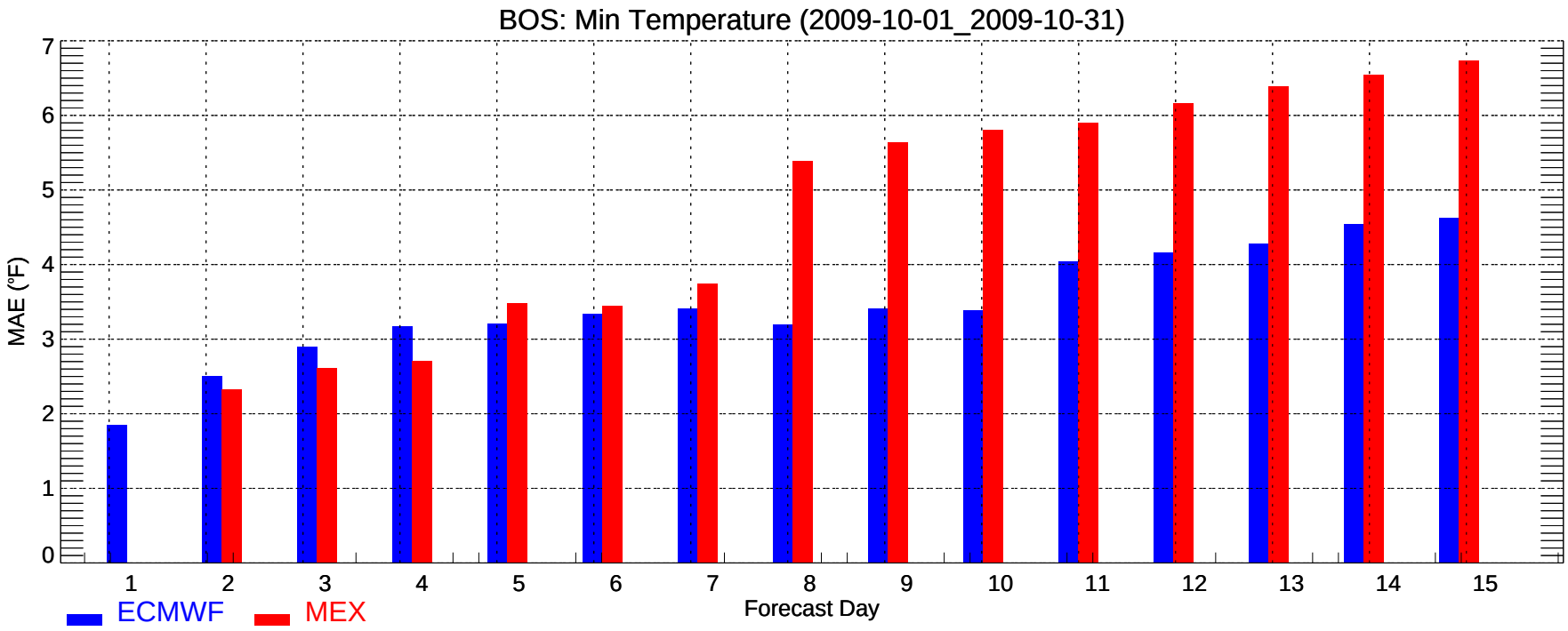
Forecast Day
ECMWF
MEX


BOS: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
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6
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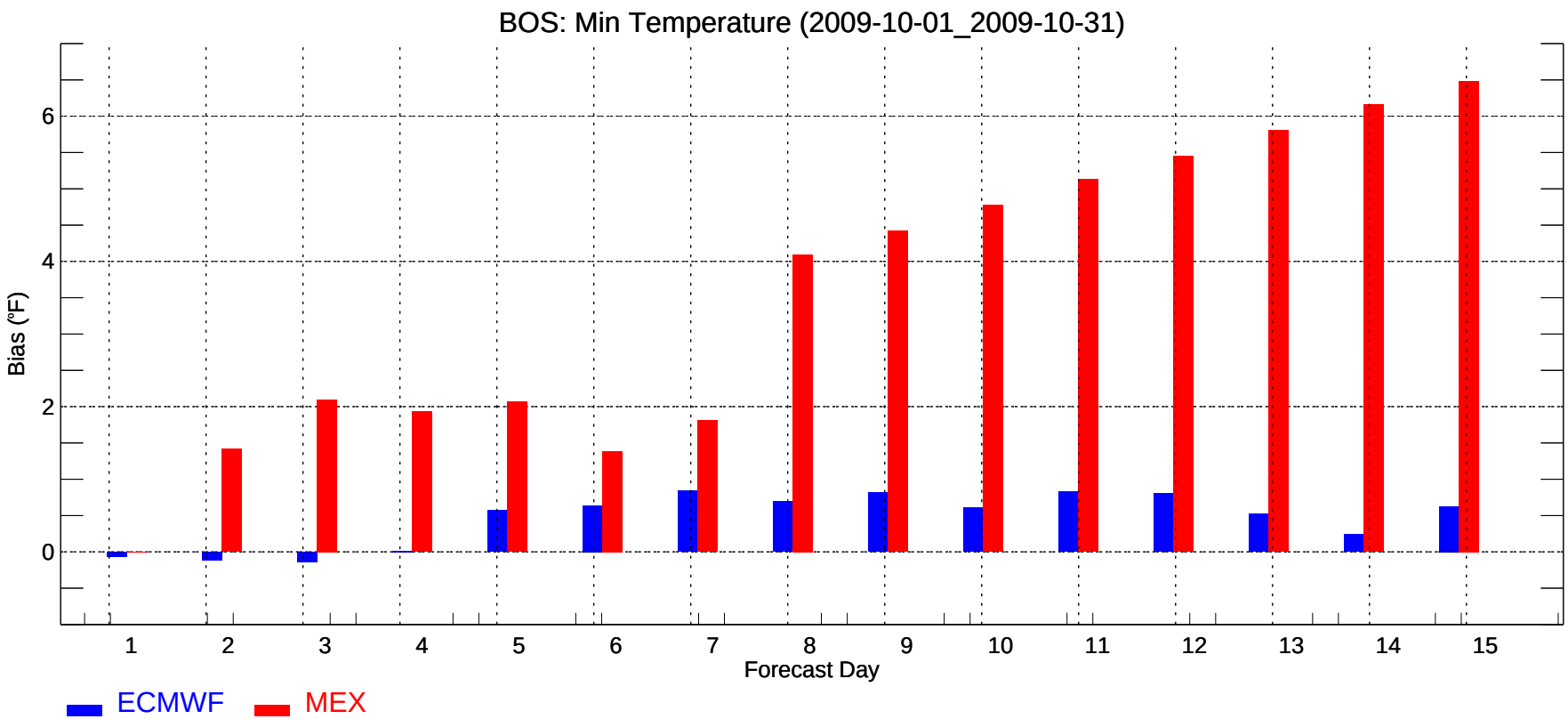
Forecast Day
ECMWF
MEX


BOS: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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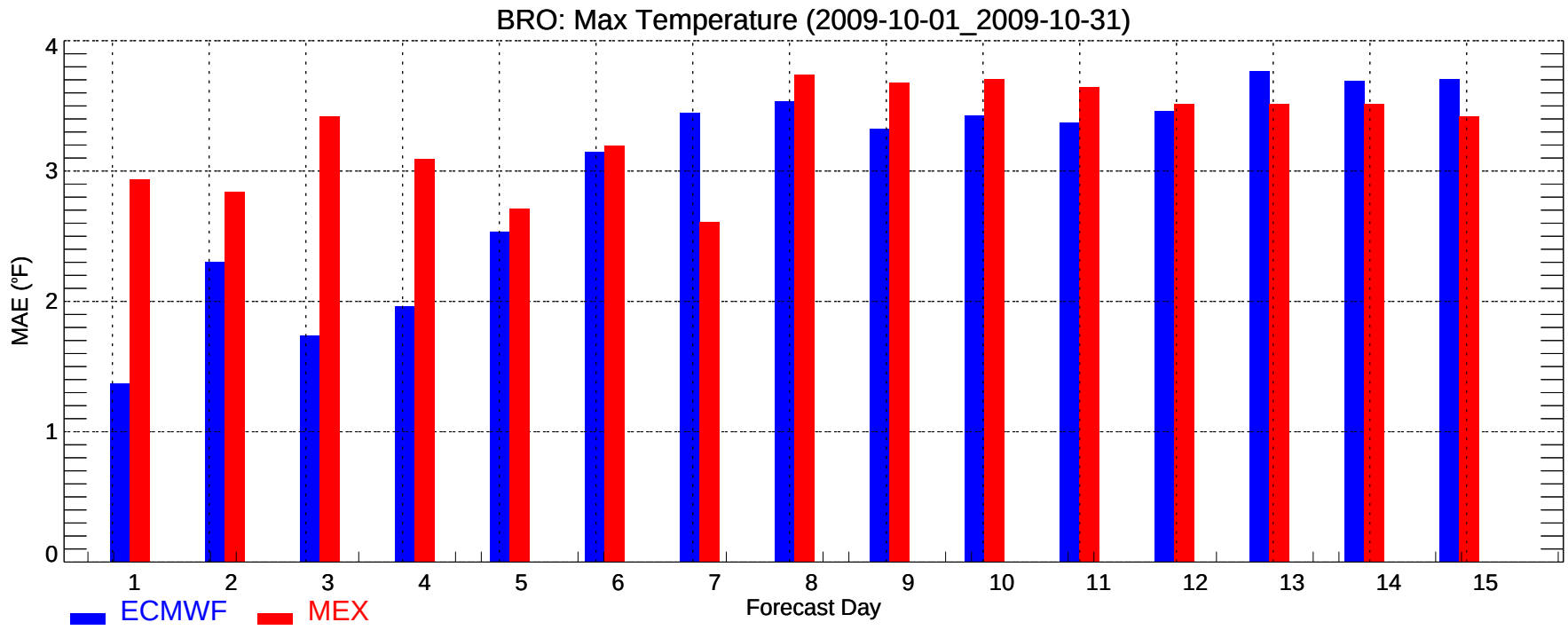
Forecast Day
ECMWF
MEX


BRO: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
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2
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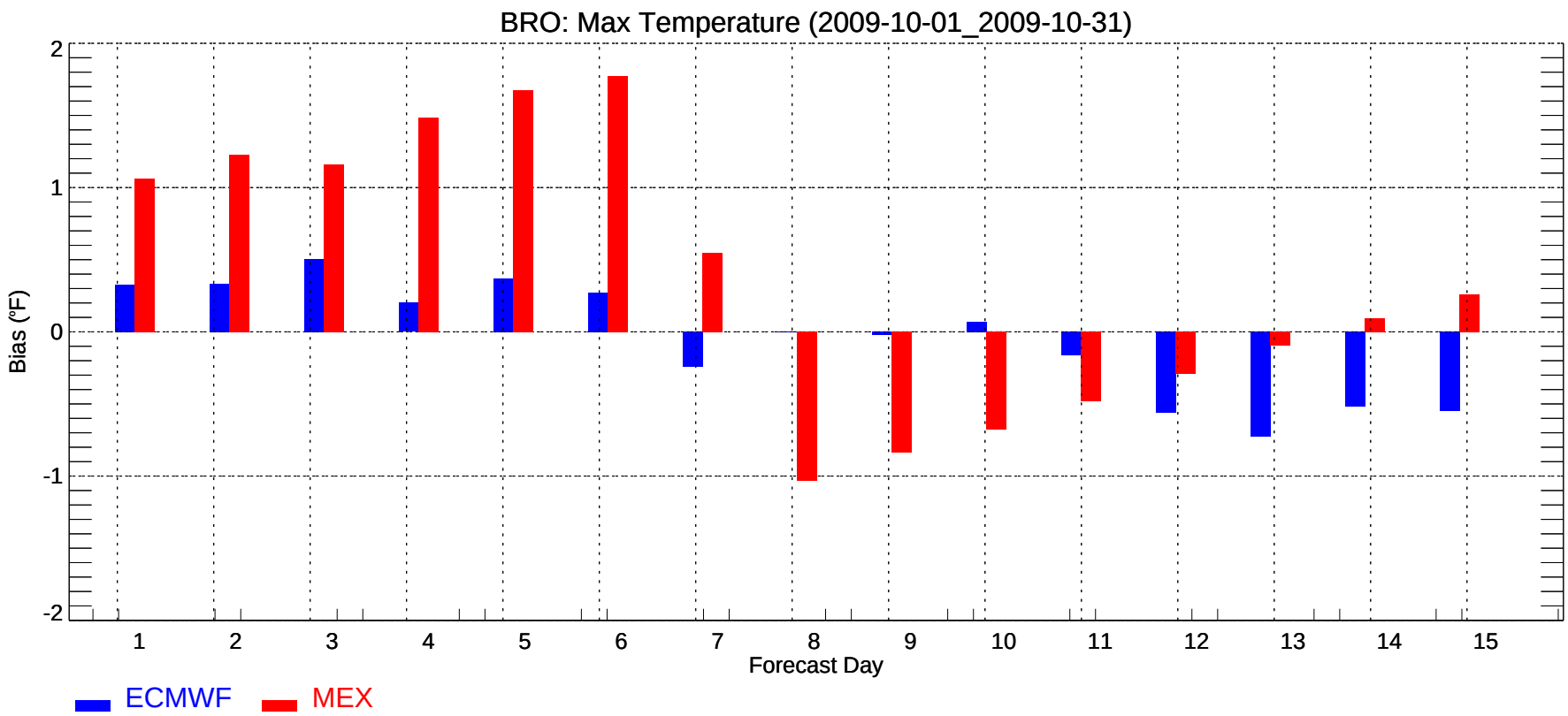
Forecast Day
ECMWF
MEX


BRO: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
2
1
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-1
-2
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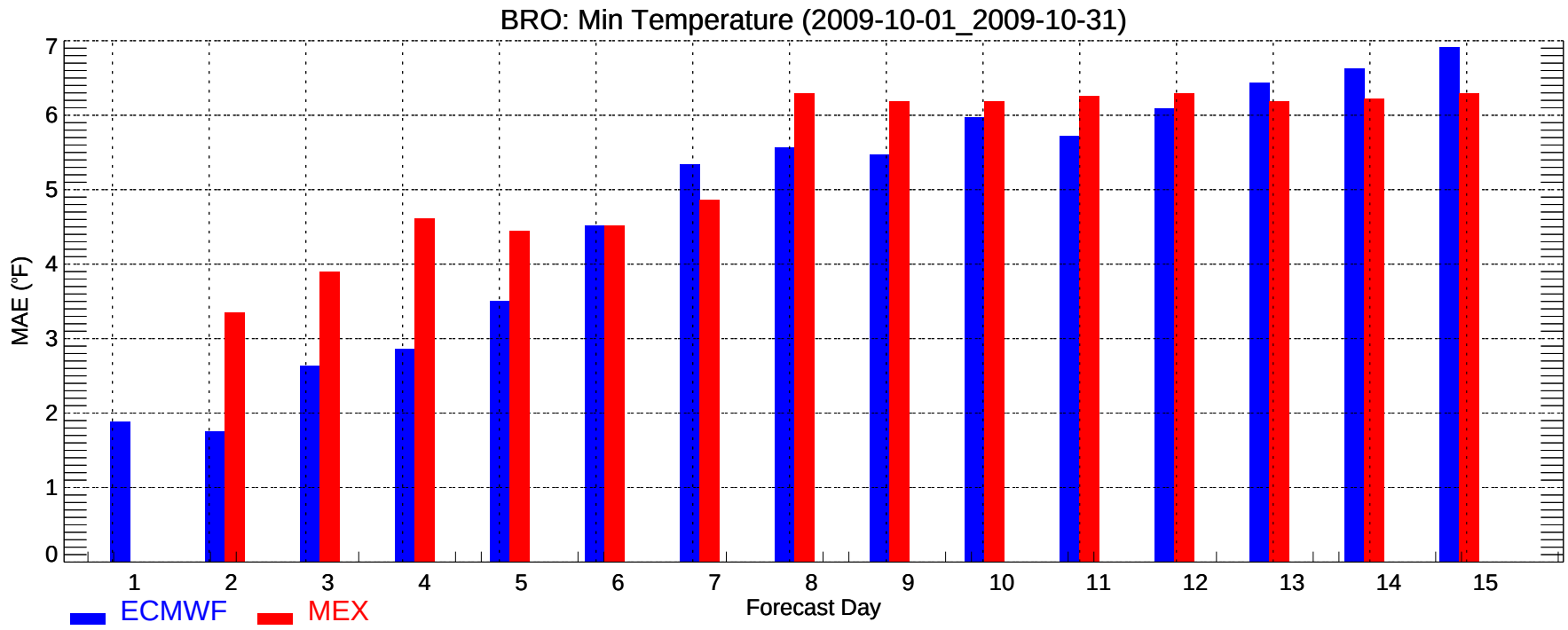
Forecast Day
ECMWF
MEX


BRO: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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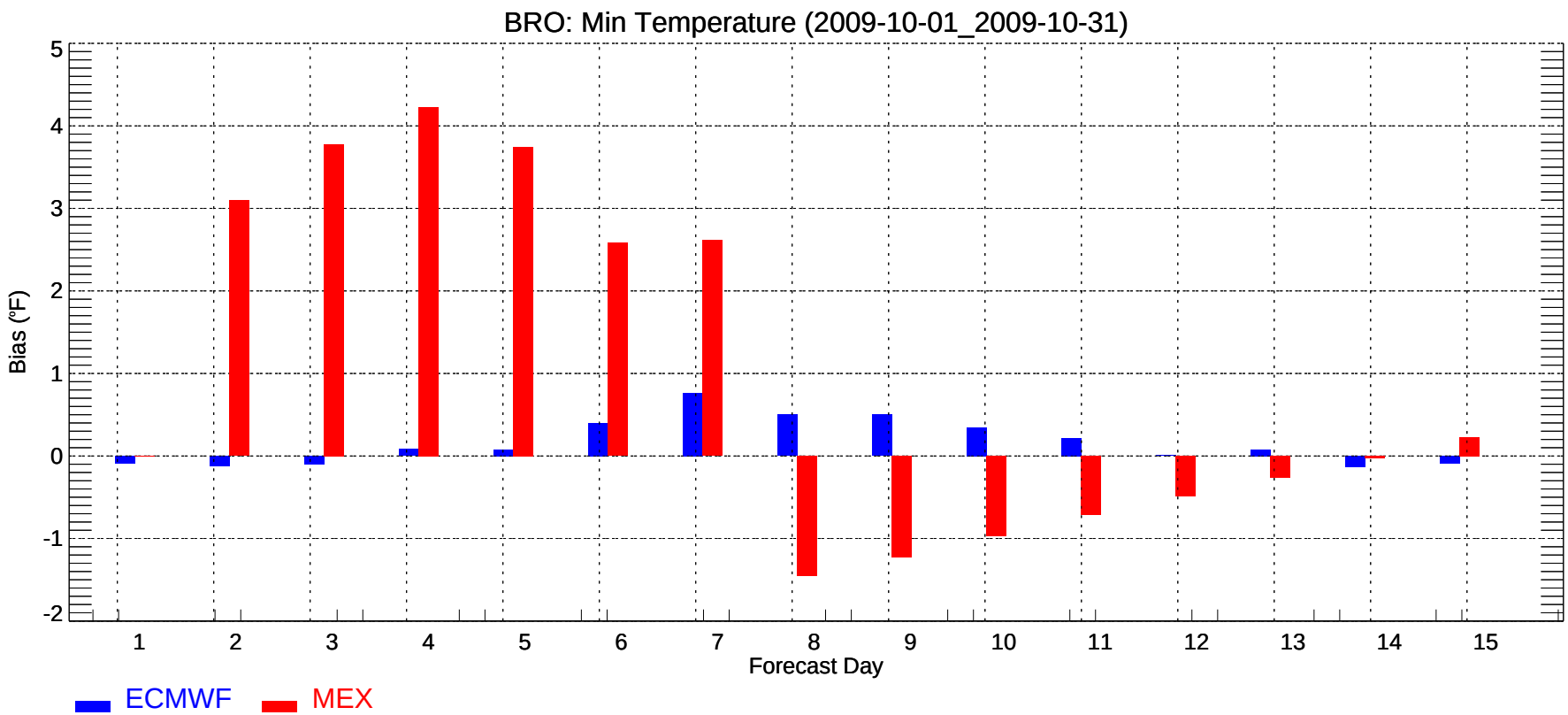
Forecast Day
ECMWF
MEX


BRO: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
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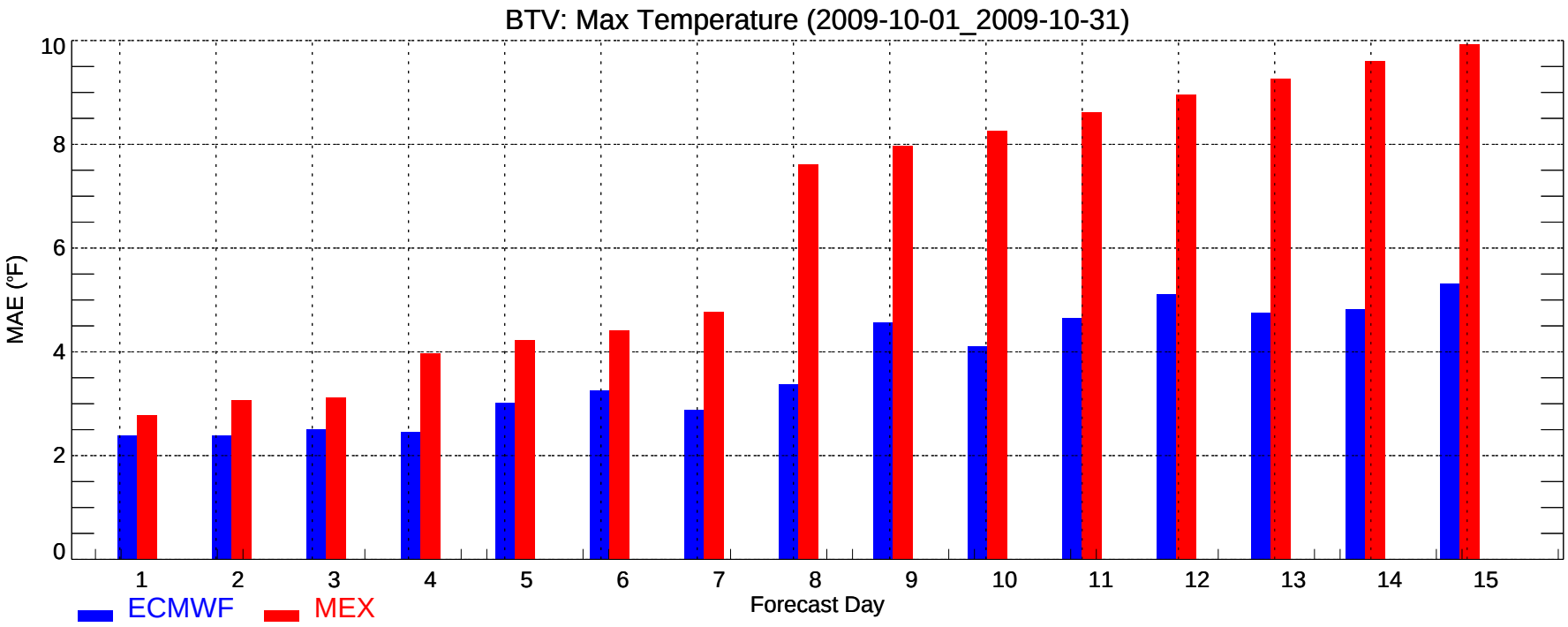
Forecast Day
ECMWF
MEX


BTV: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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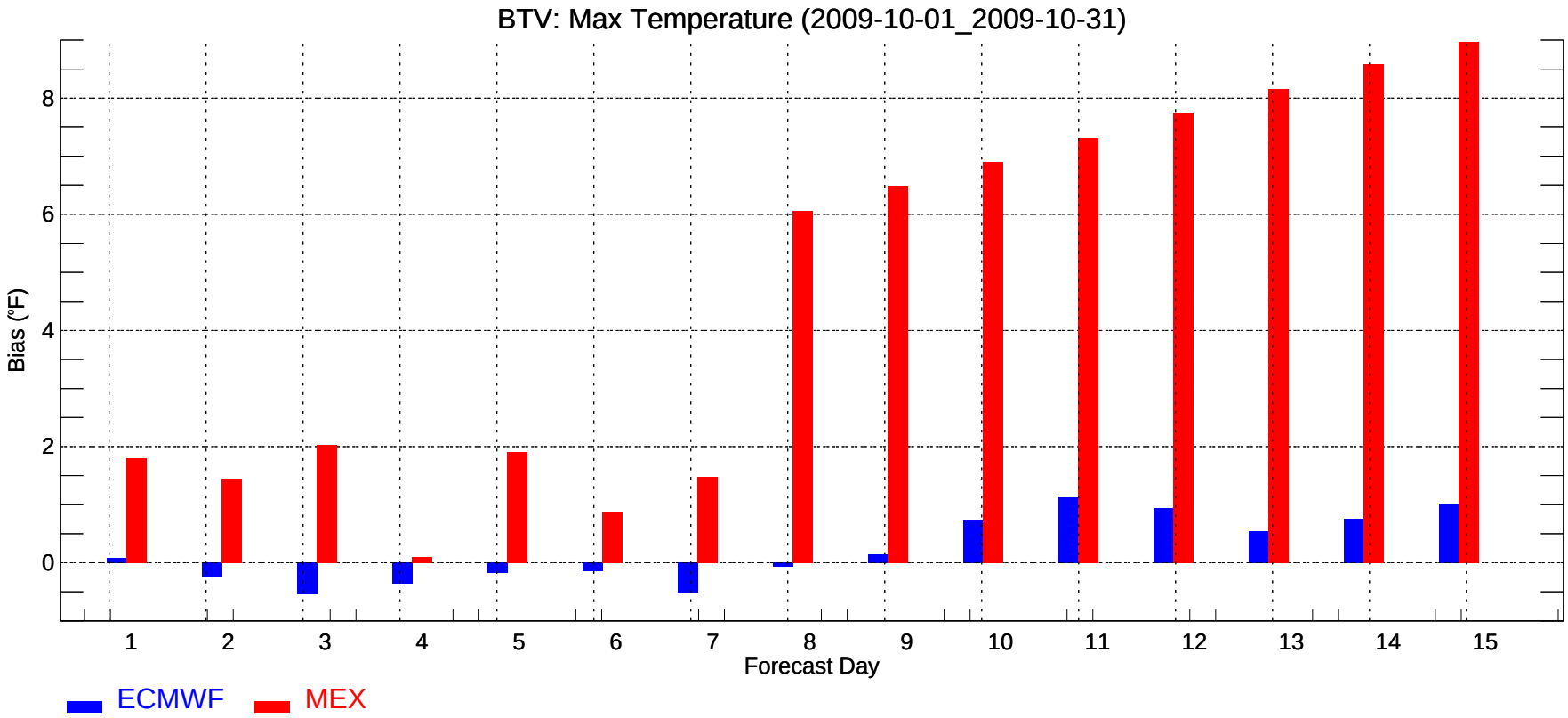
Forecast Day
ECMWF
MEX


BTV: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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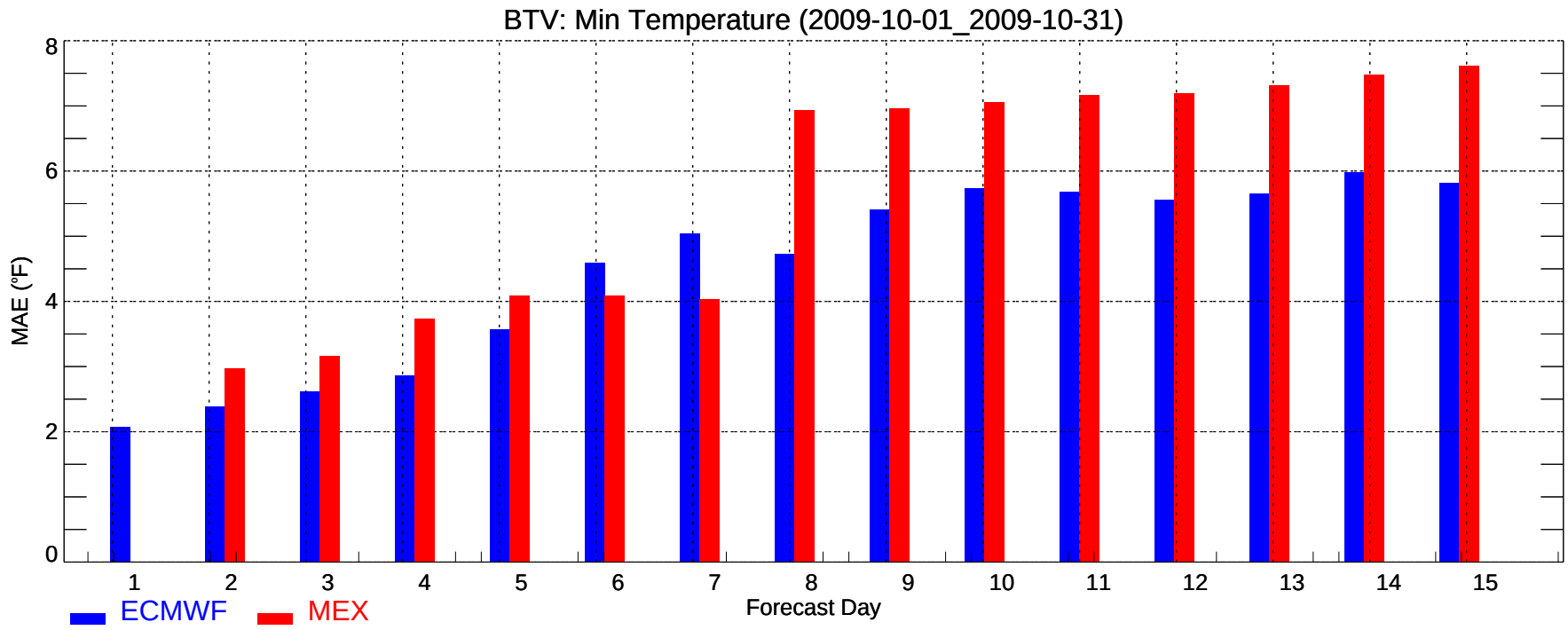
Forecast Day
ECMWF
MEX


BTV: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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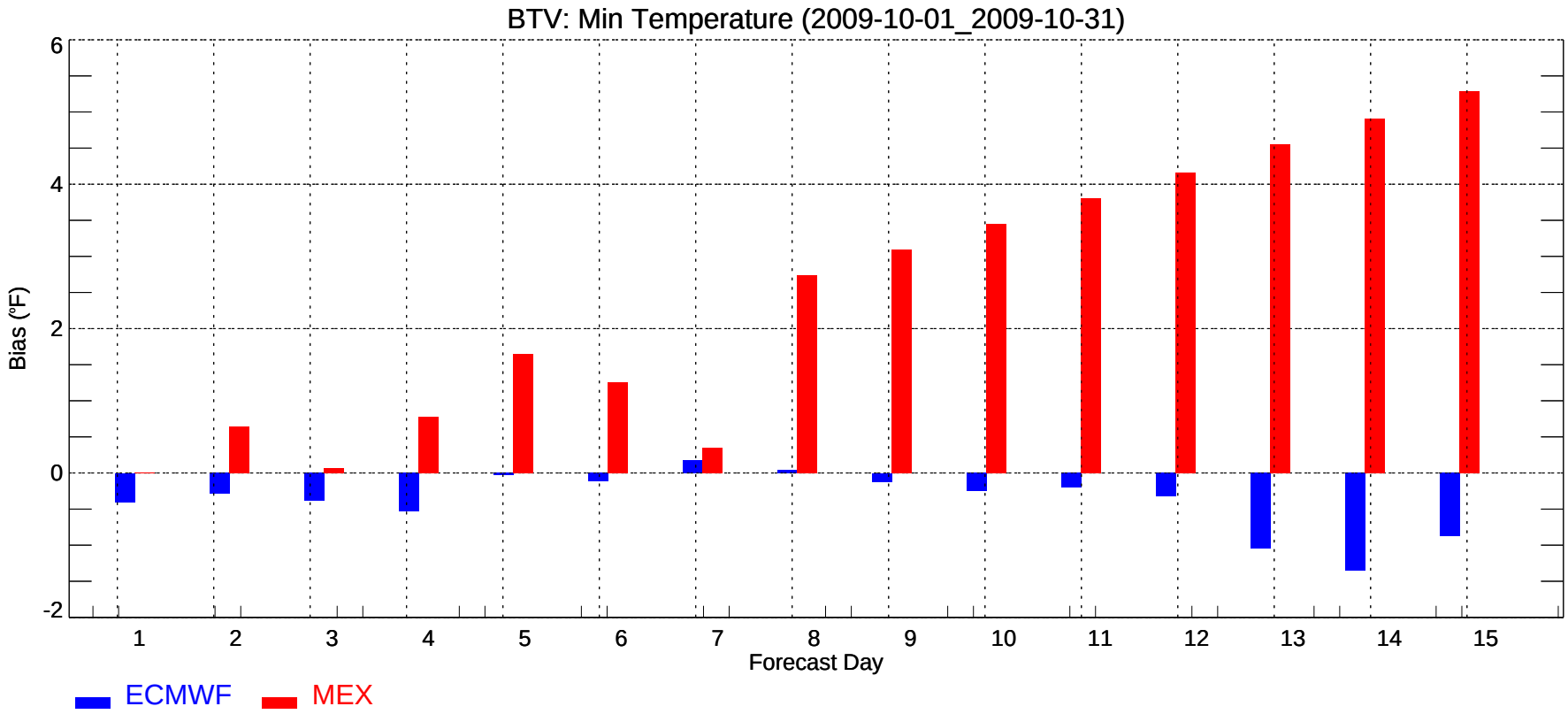
Forecast Day
ECMWF
MEX


BTV: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
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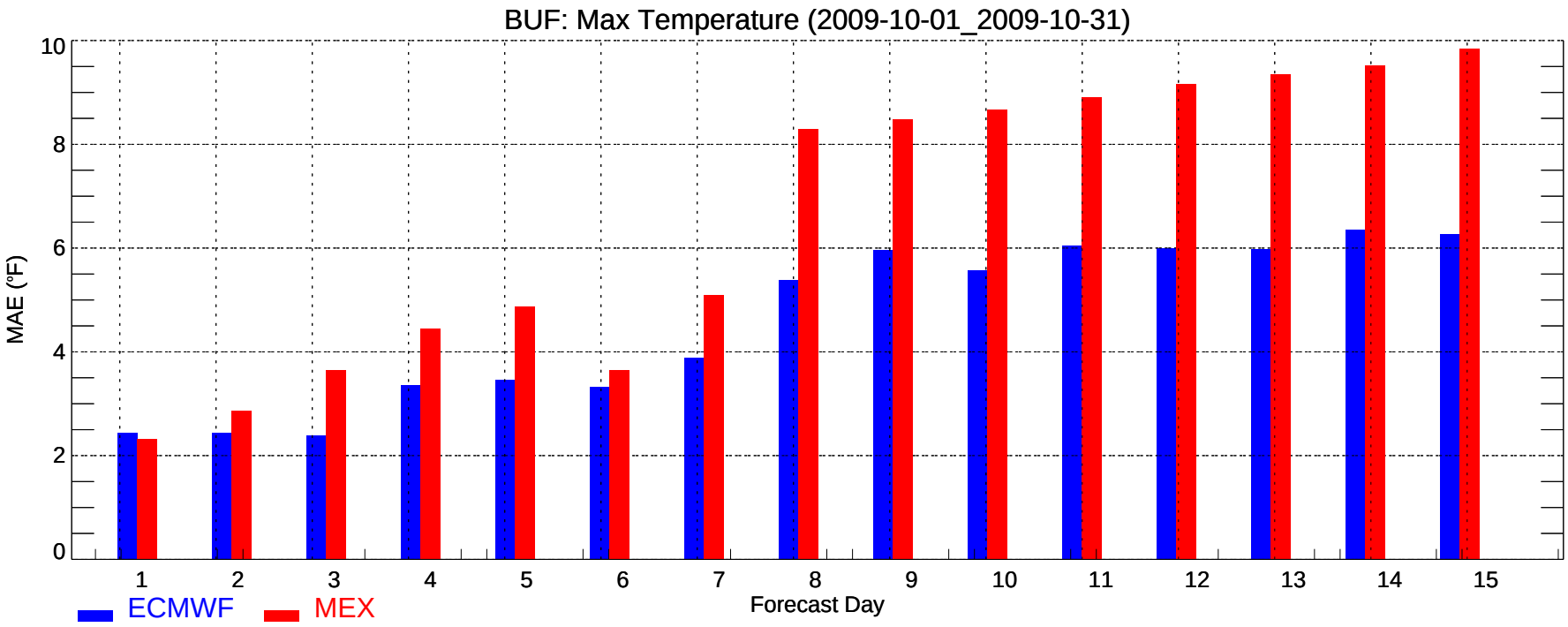
Forecast Day
ECMWF
MEX


BUF: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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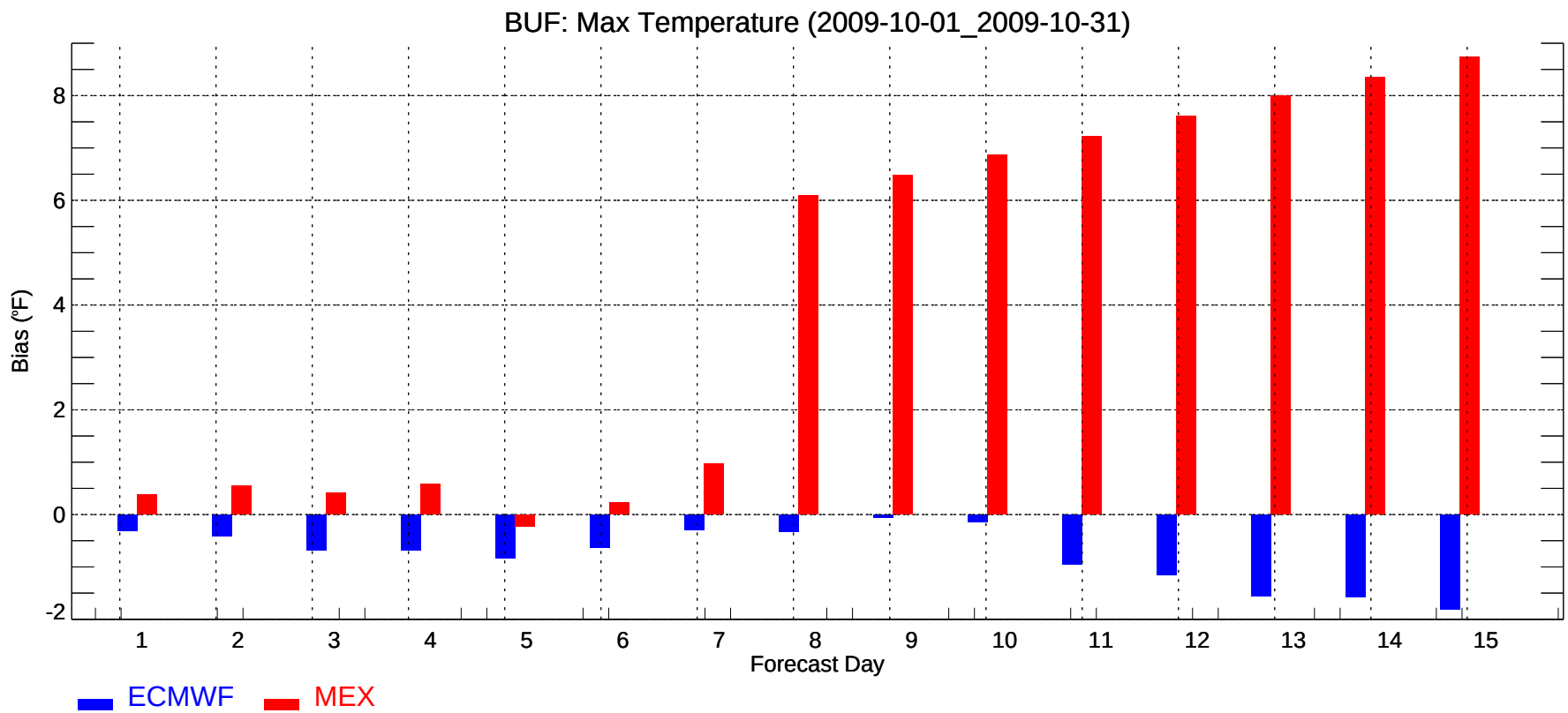
Forecast Day
ECMWF
MEX


BUF: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
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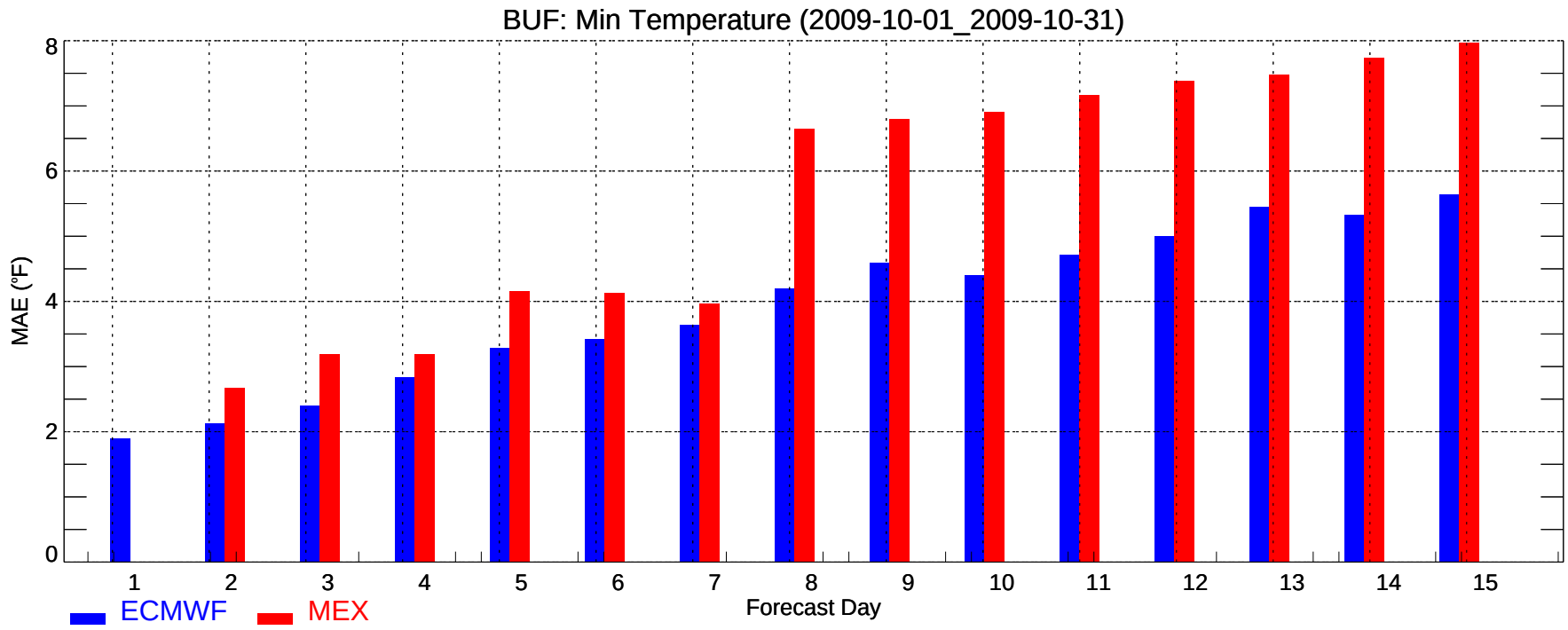
15
Forecast Day
ECMWF
MEX


BUF: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
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5
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7
8
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10
11
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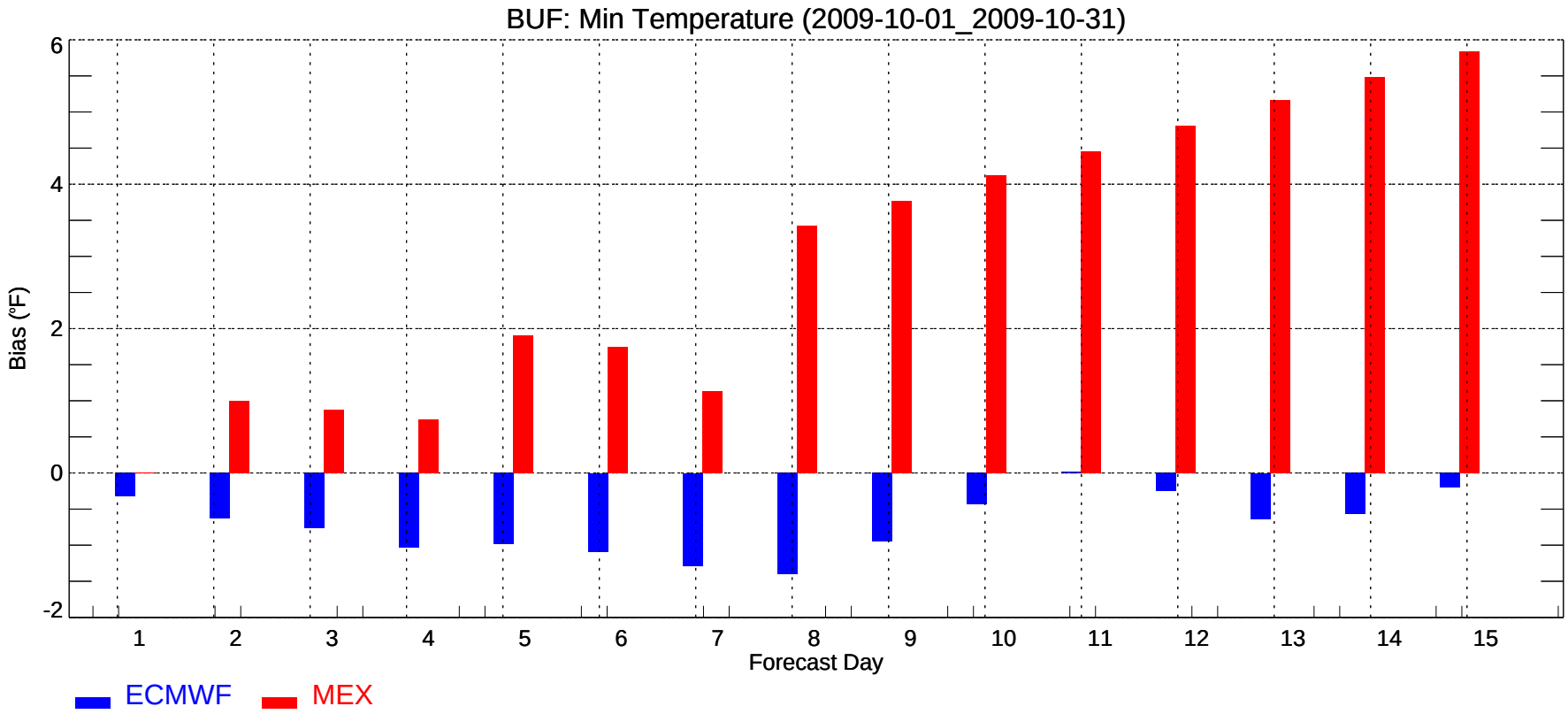
13
14
15
Forecast Day
ECMWF
MEX


BUF: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
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7
8
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10
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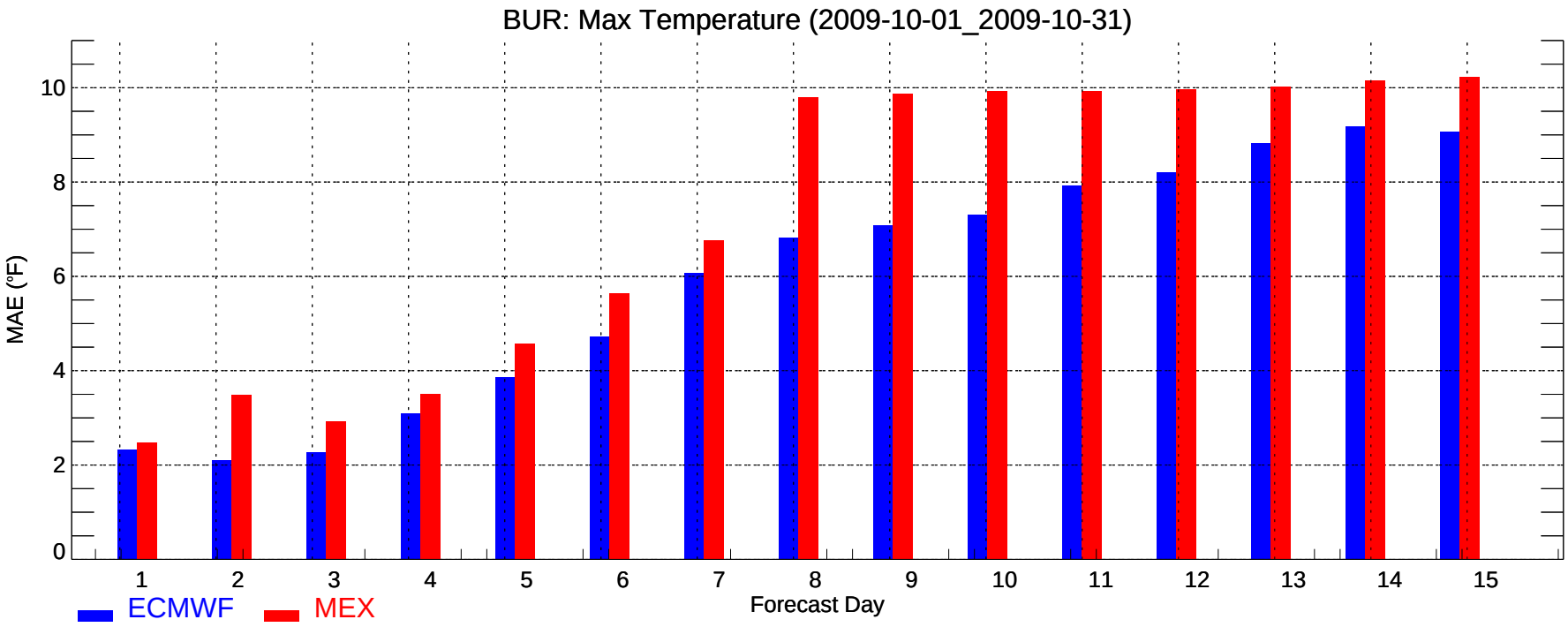
12
13
14
15
Forecast Day
ECMWF
MEX


BUR: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
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1
2
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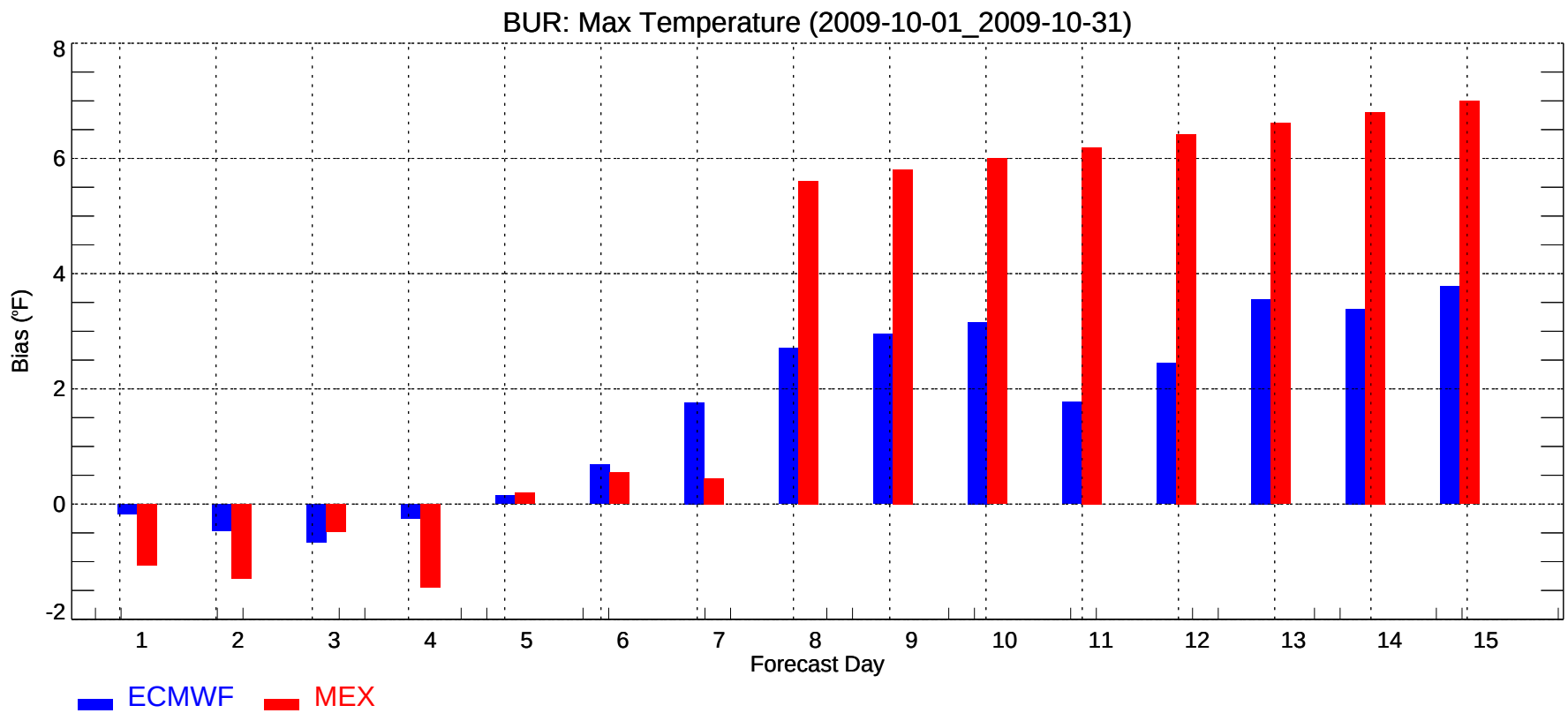
13
14
15
Forecast Day
ECMWF
MEX


BUR: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
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12
13
14
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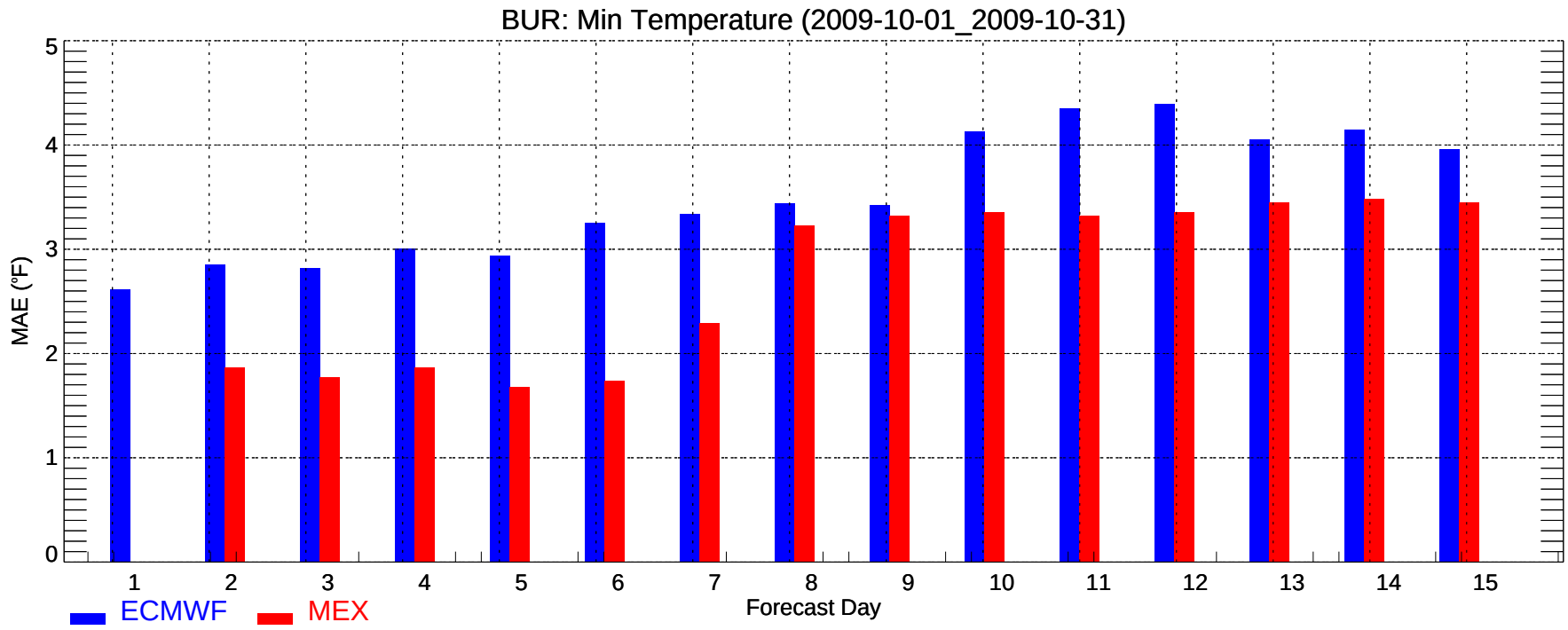
Forecast Day
ECMWF
MEX


BUR: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
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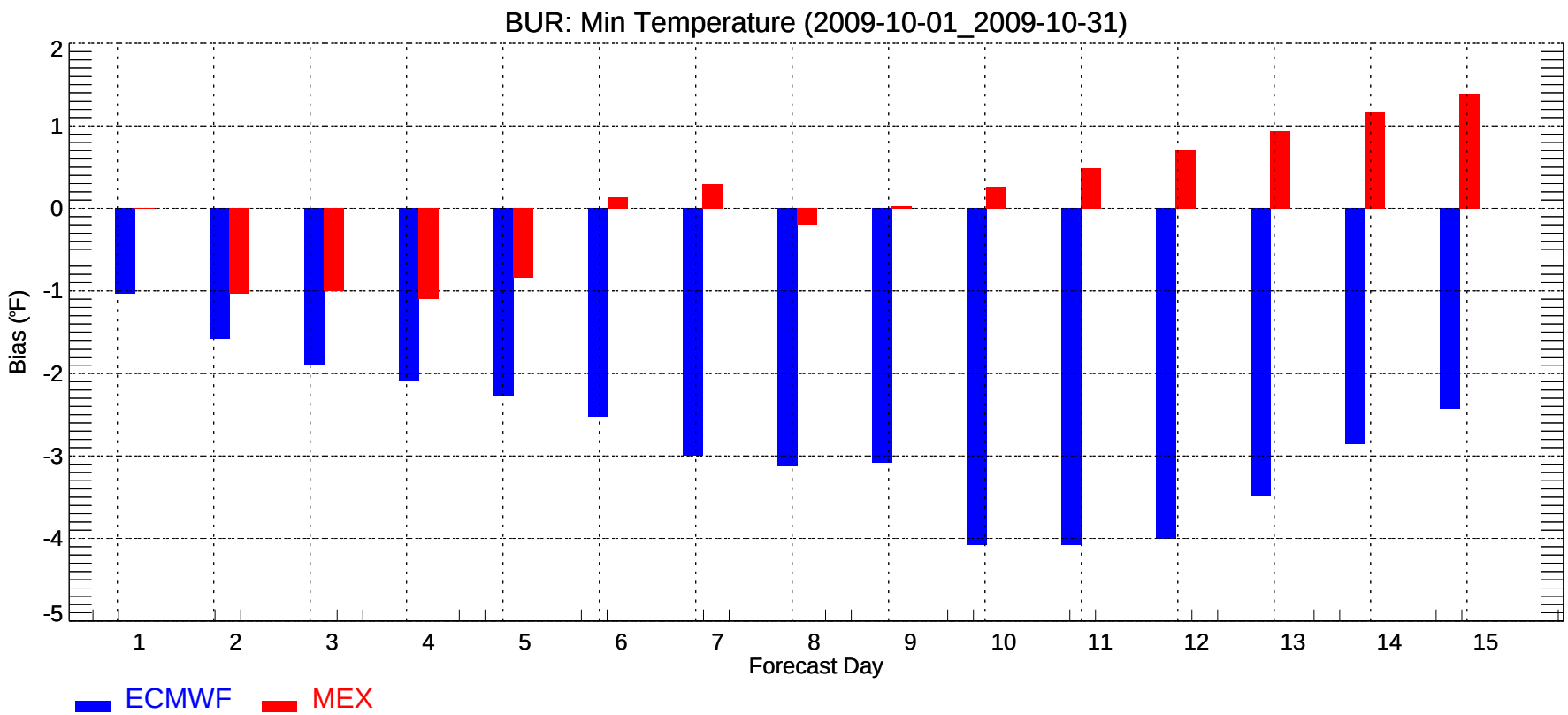
14
15
Forecast Day
ECMWF
MEX


BUR: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
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10
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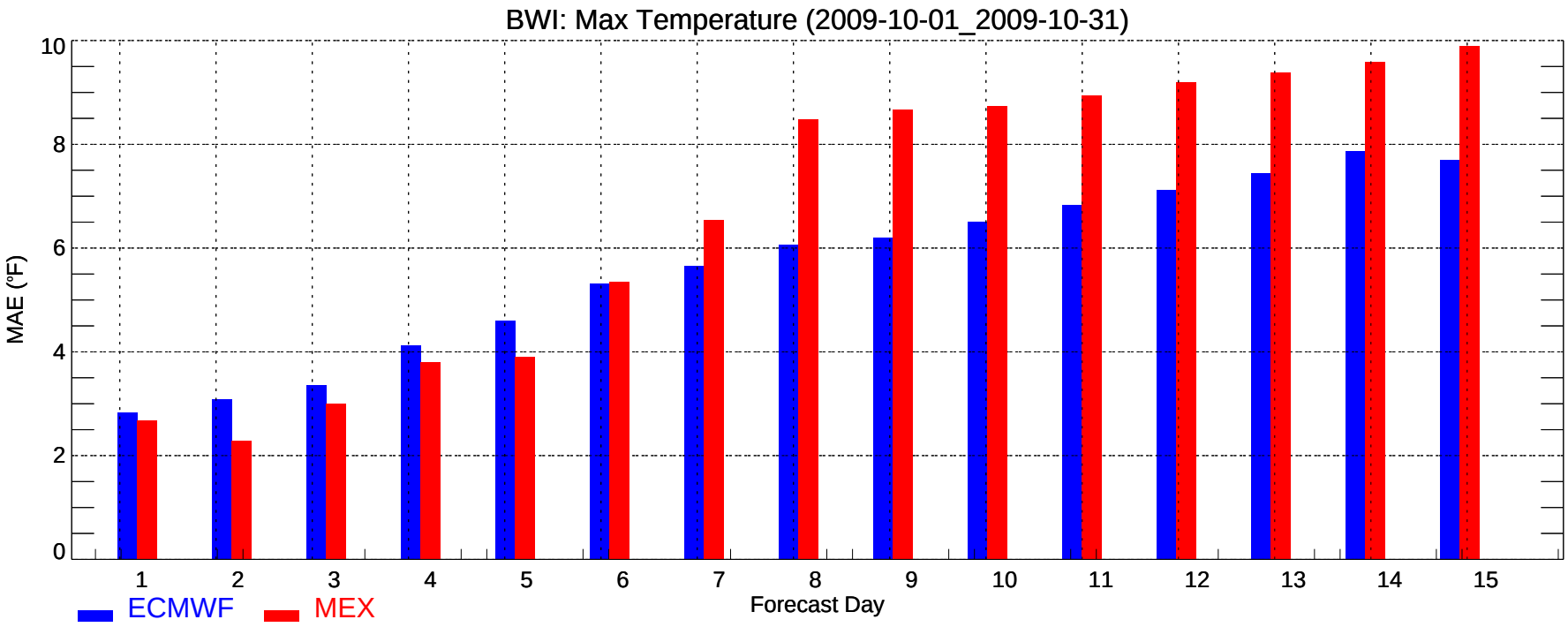
14
15
Forecast Day
ECMWF
MEX


BWI: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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2
4
6
8
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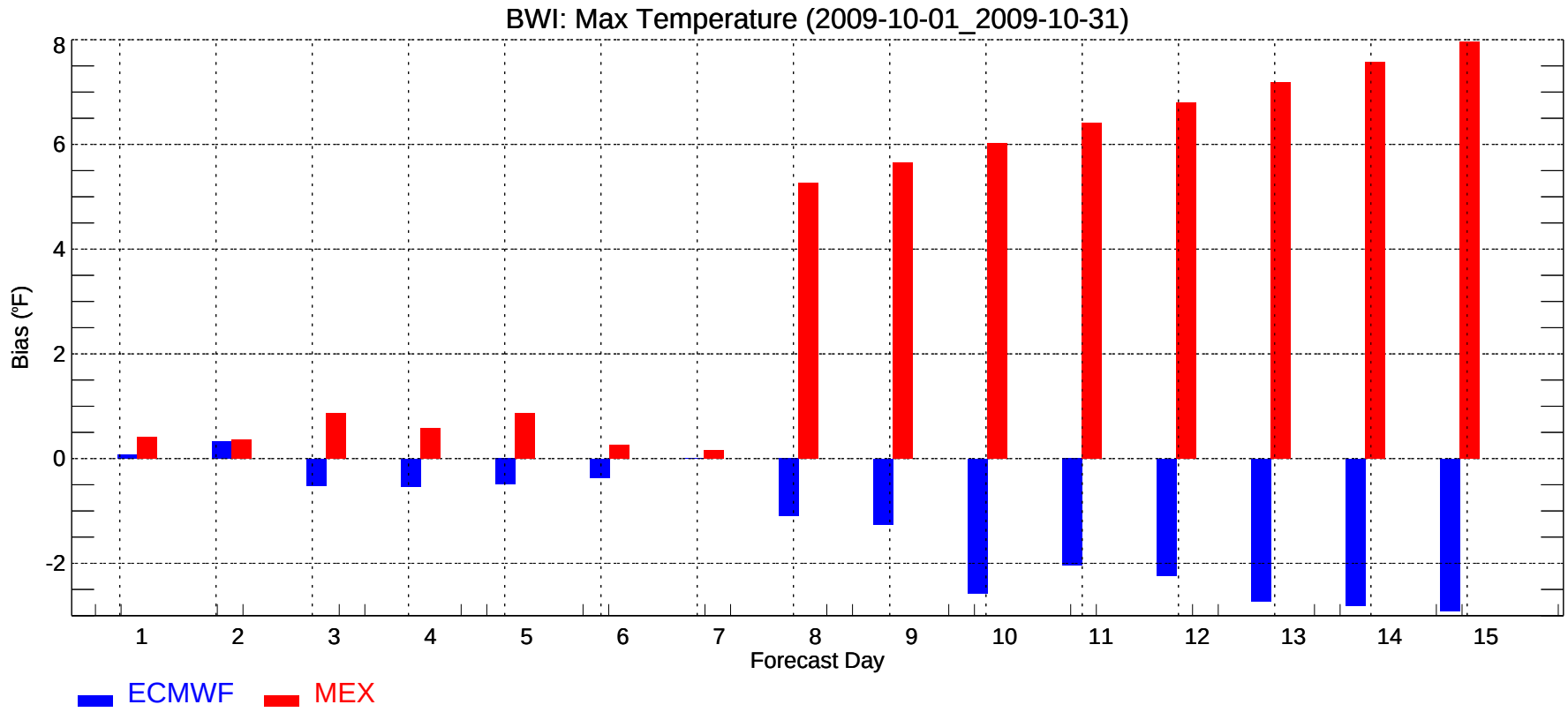
13
14
15
Forecast Day
ECMWF
MEX


BWI: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
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8
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2
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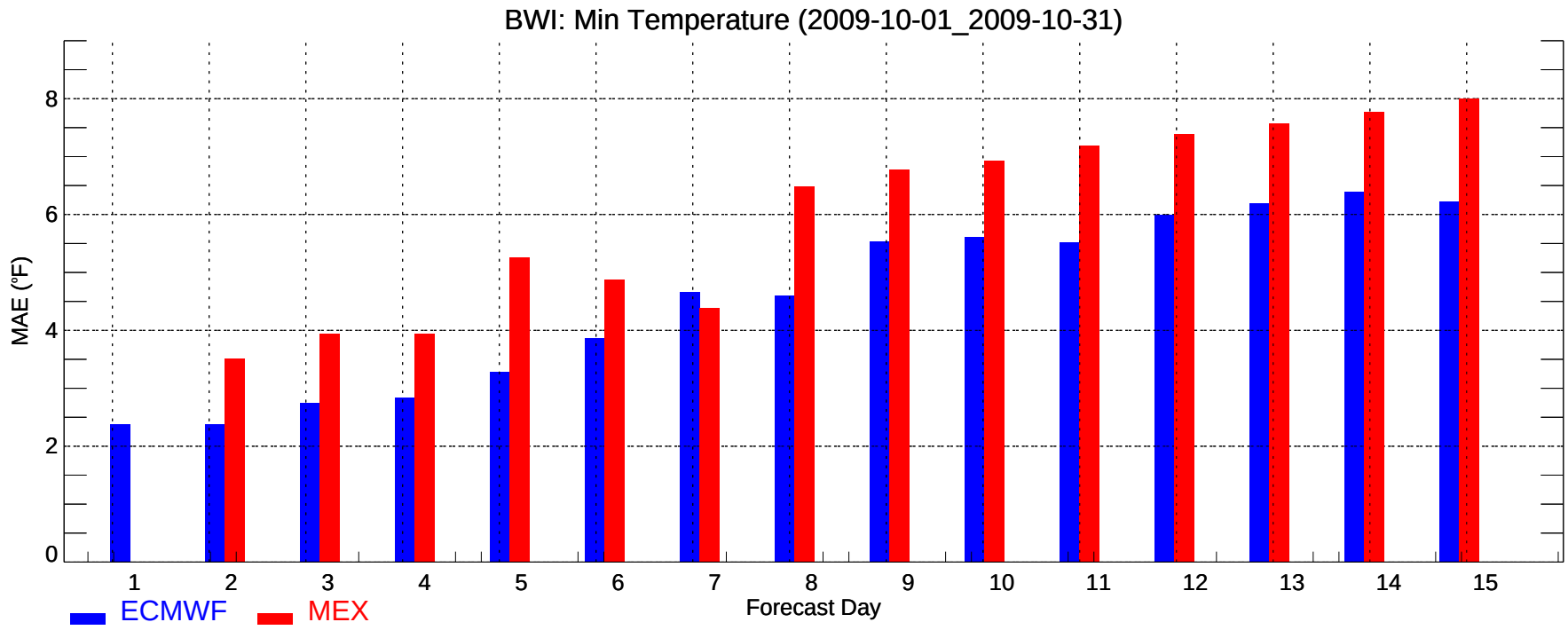
Forecast Day
ECMWF
MEX


BWI: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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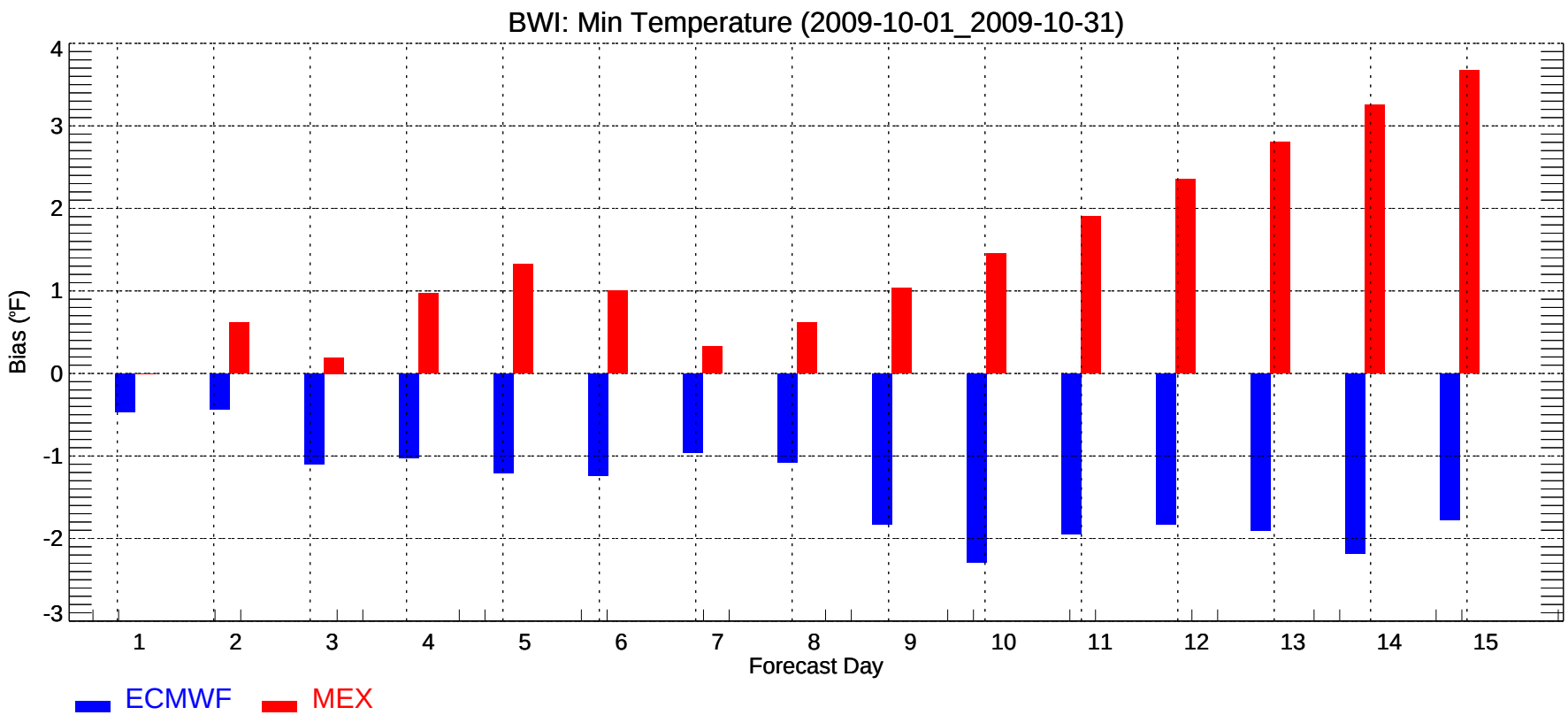
14
15
Forecast Day
ECMWF
MEX


BWI: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
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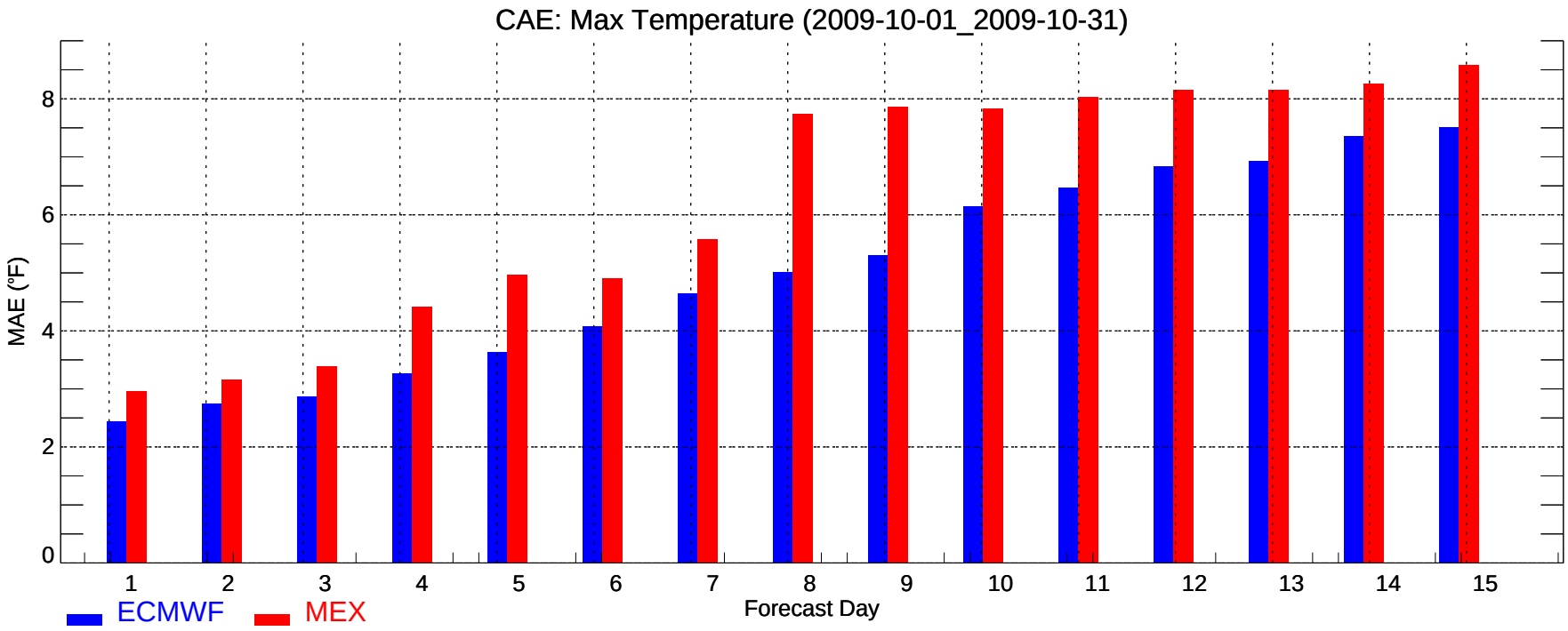
Forecast Day
ECMWF
MEX


CAE: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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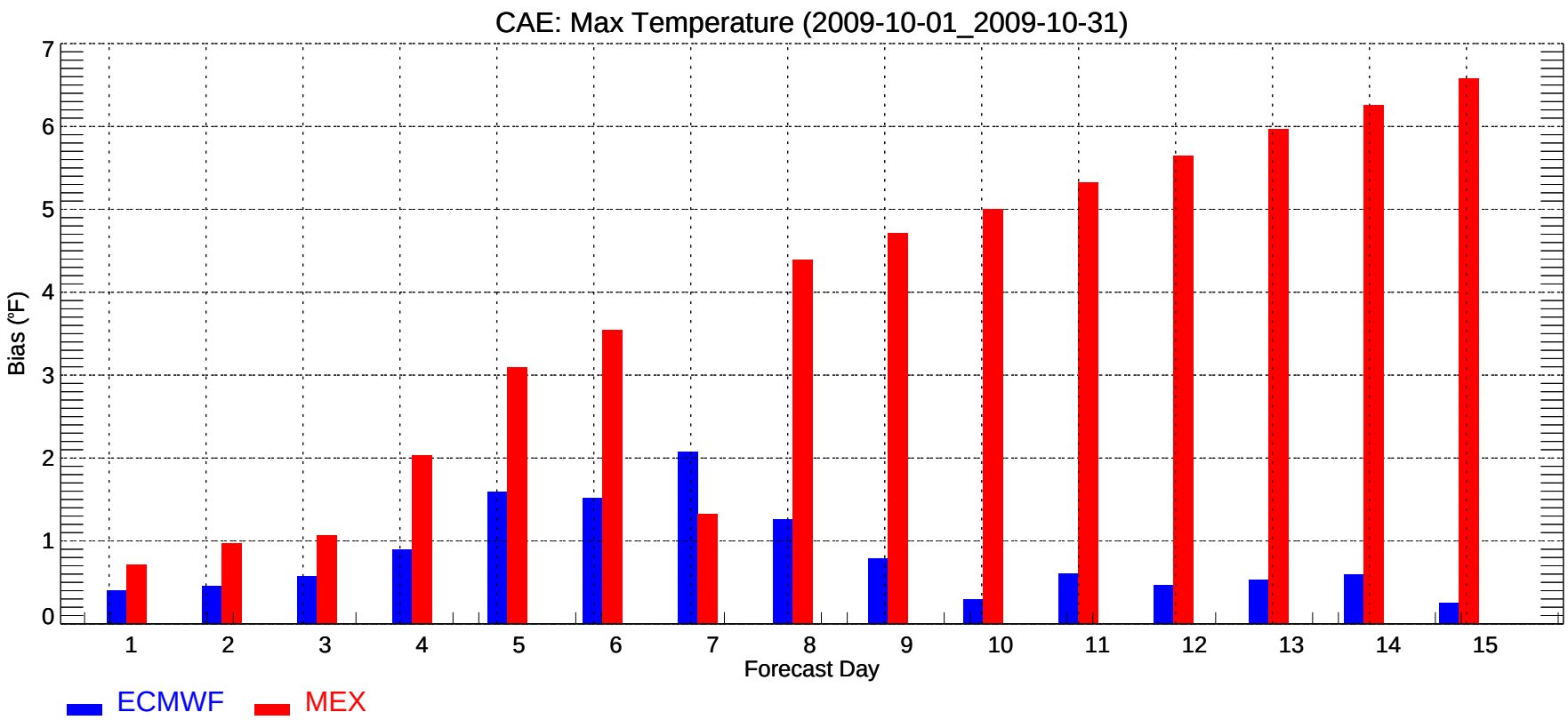
14
15
Forecast Day
ECMWF
MEX


CAE: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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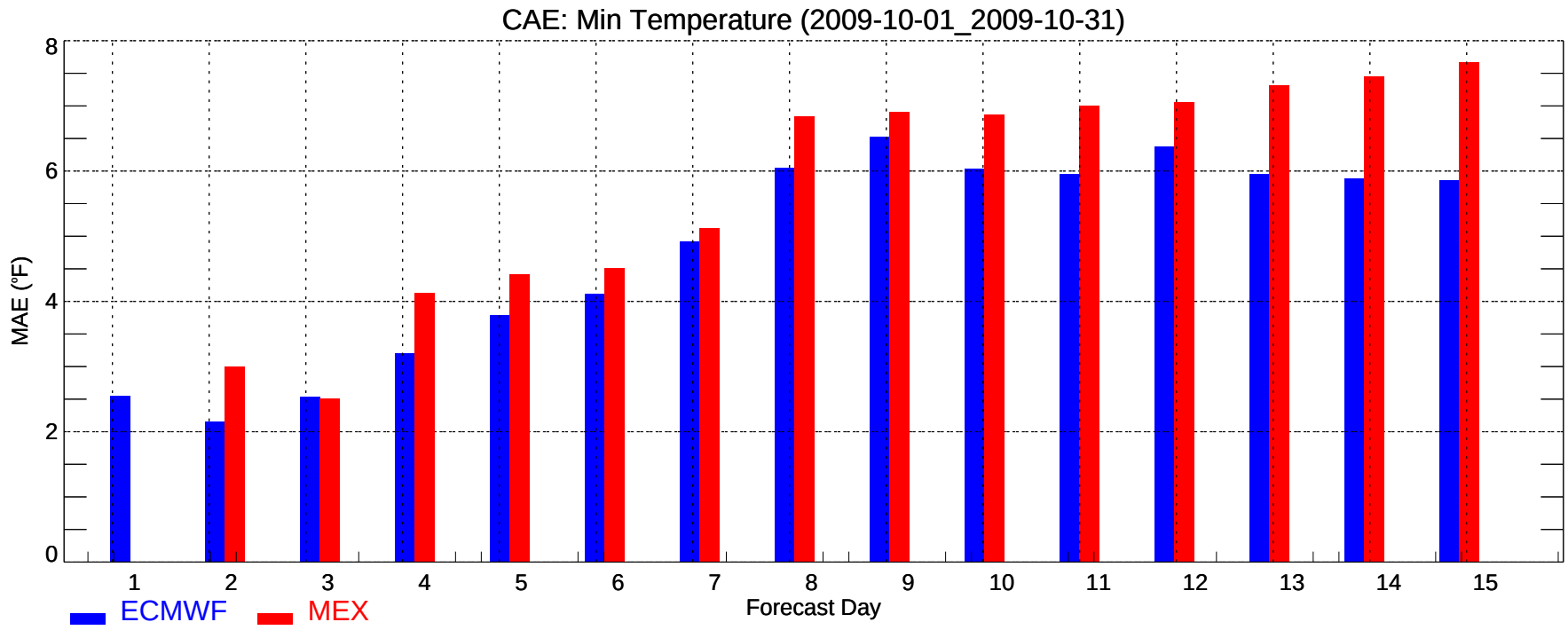
Forecast Day
ECMWF
MEX


CAE: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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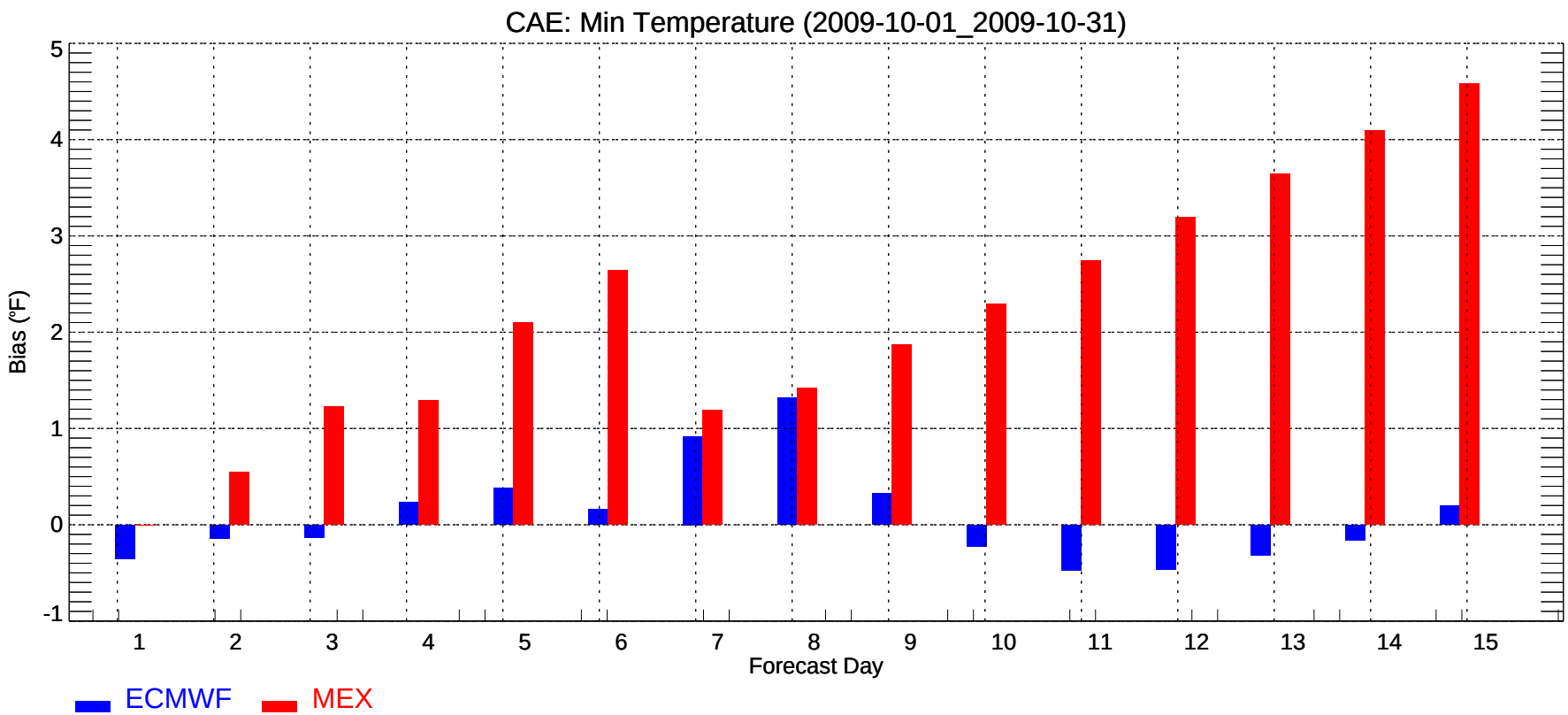
Forecast Day
ECMWF
MEX


CAE: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
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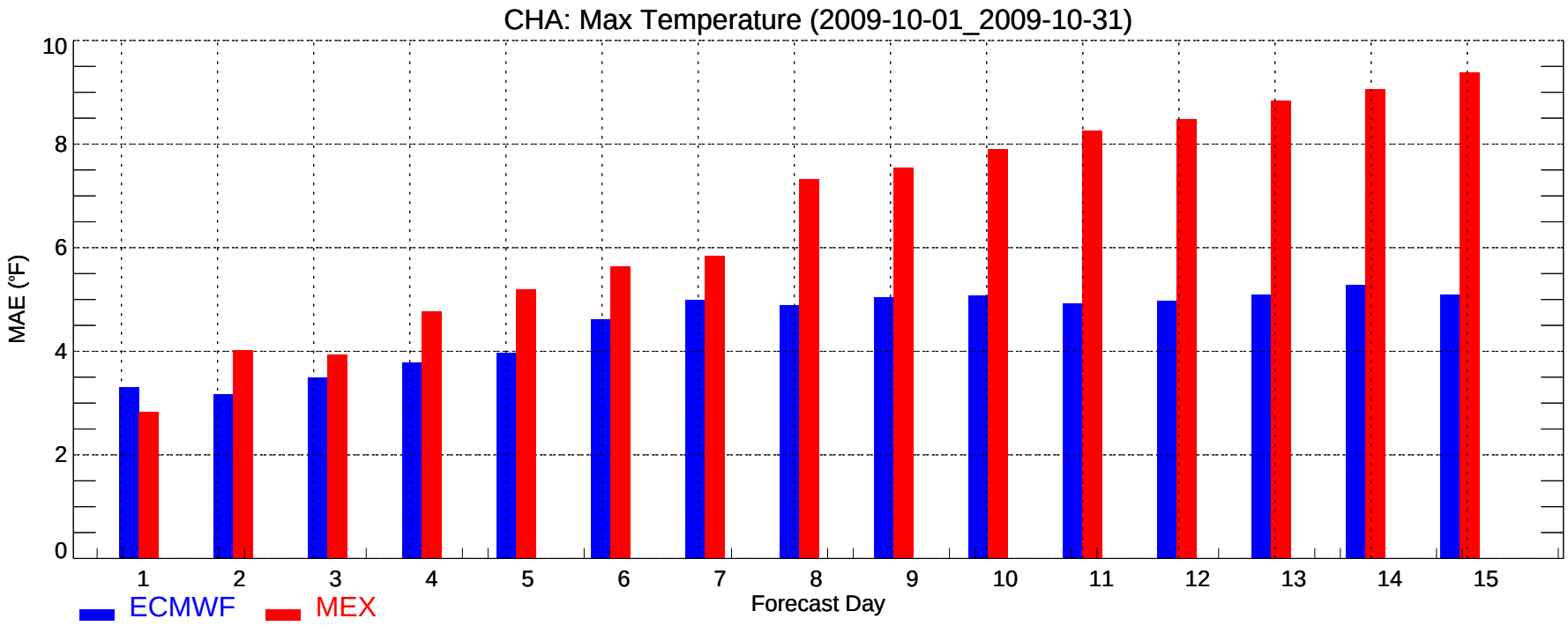
Forecast Day
ECMWF
MEX


CHA: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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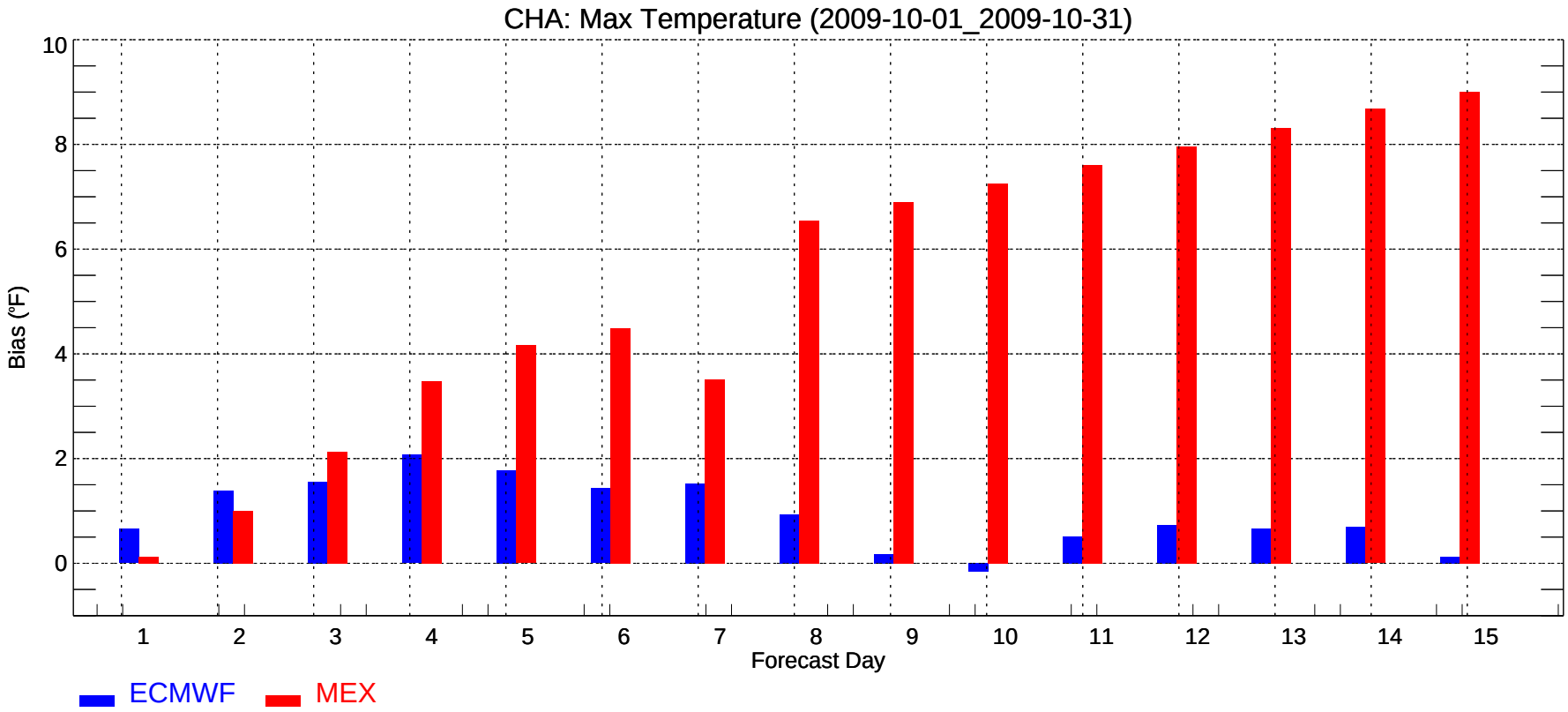
Forecast Day
ECMWF
MEX


CHA: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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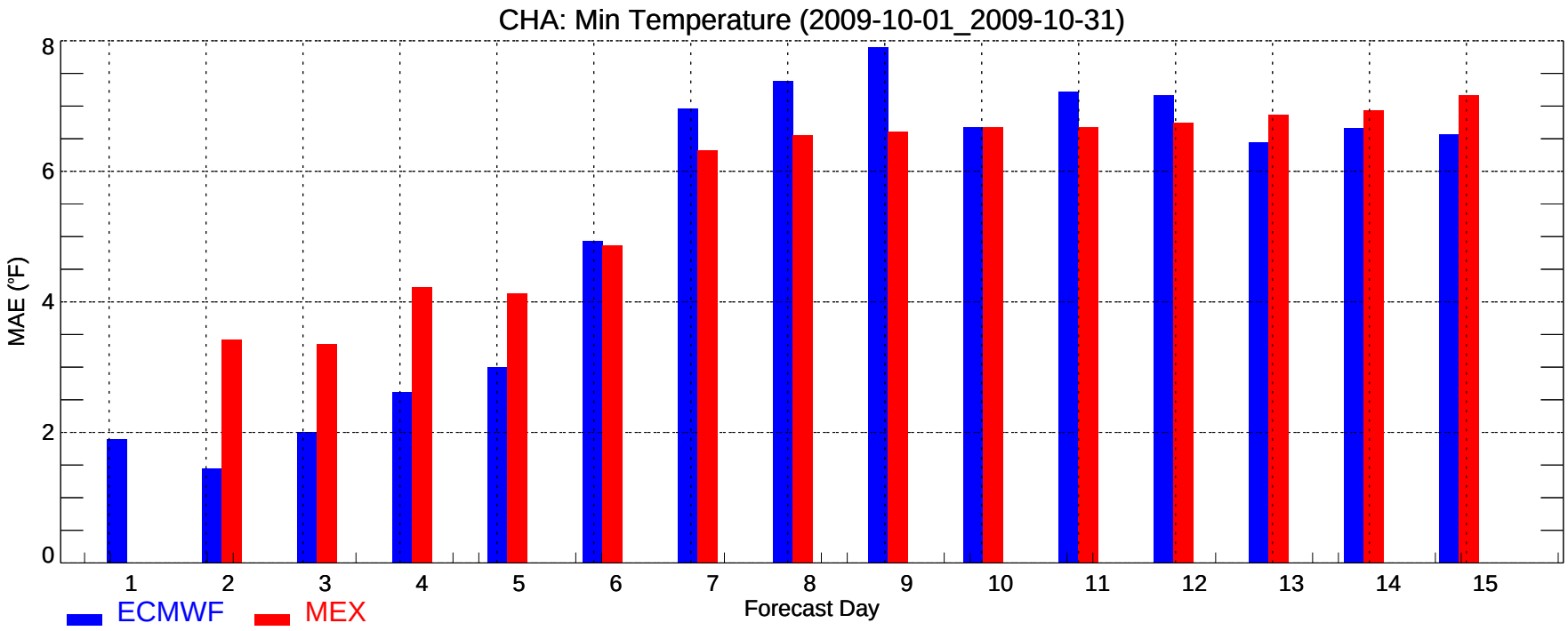
Forecast Day
ECMWF
MEX


CHA: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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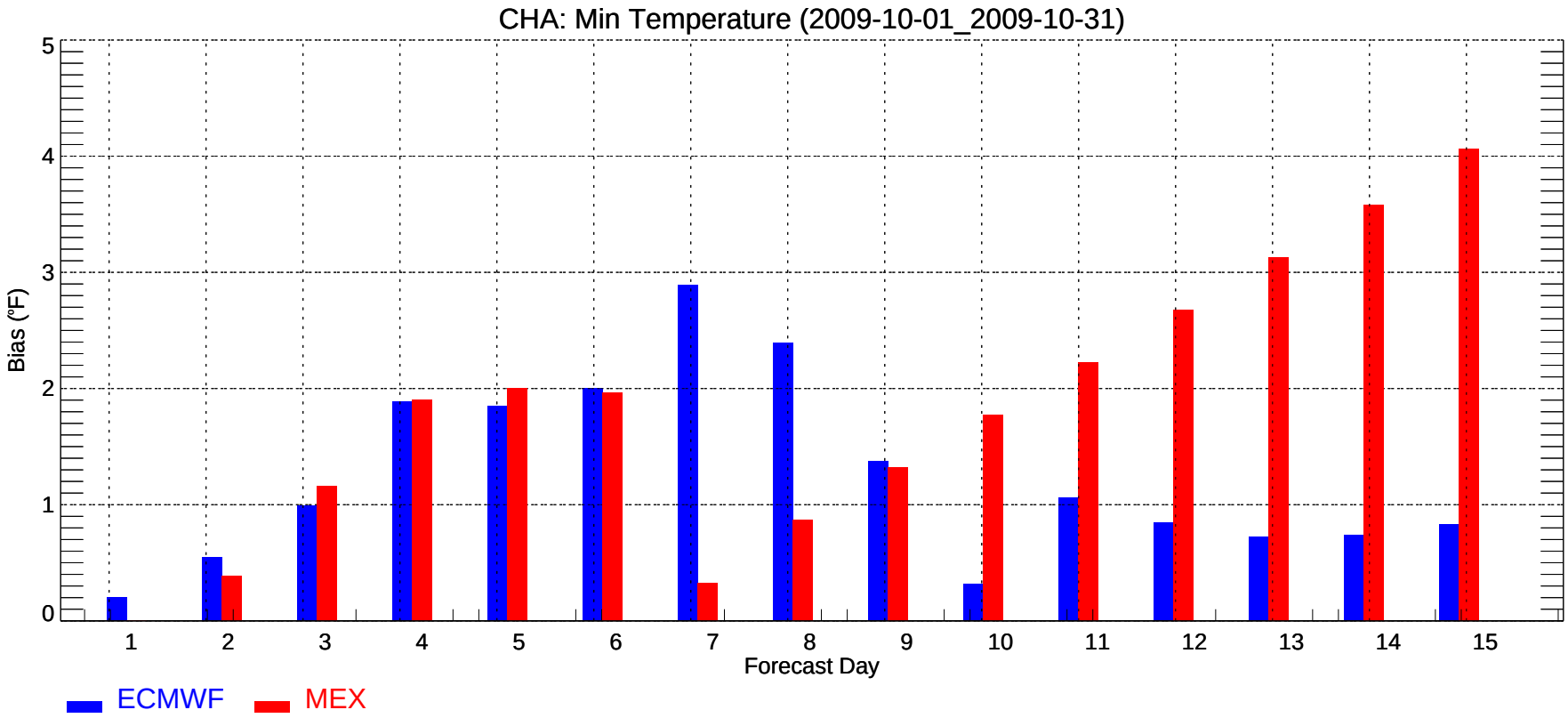
Forecast Day
ECMWF
MEX


CHA: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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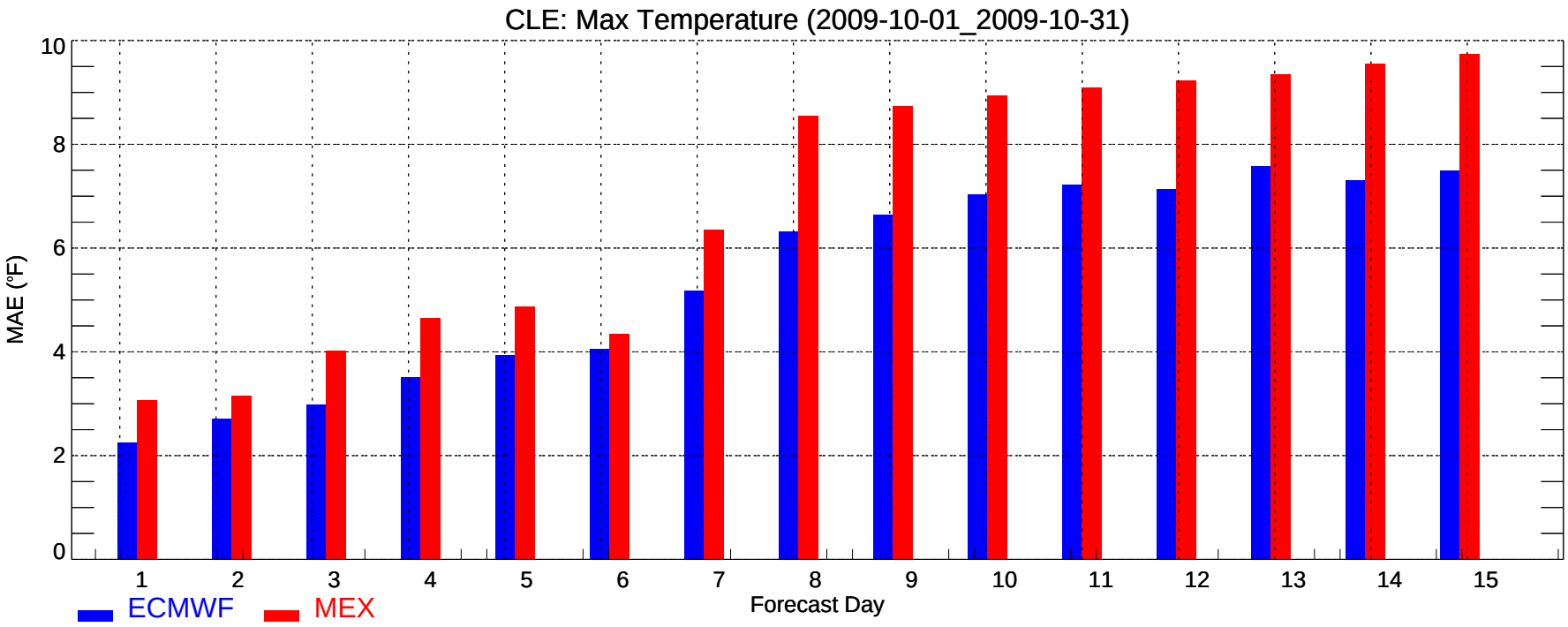
Forecast Day
ECMWF
MEX


CLE: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
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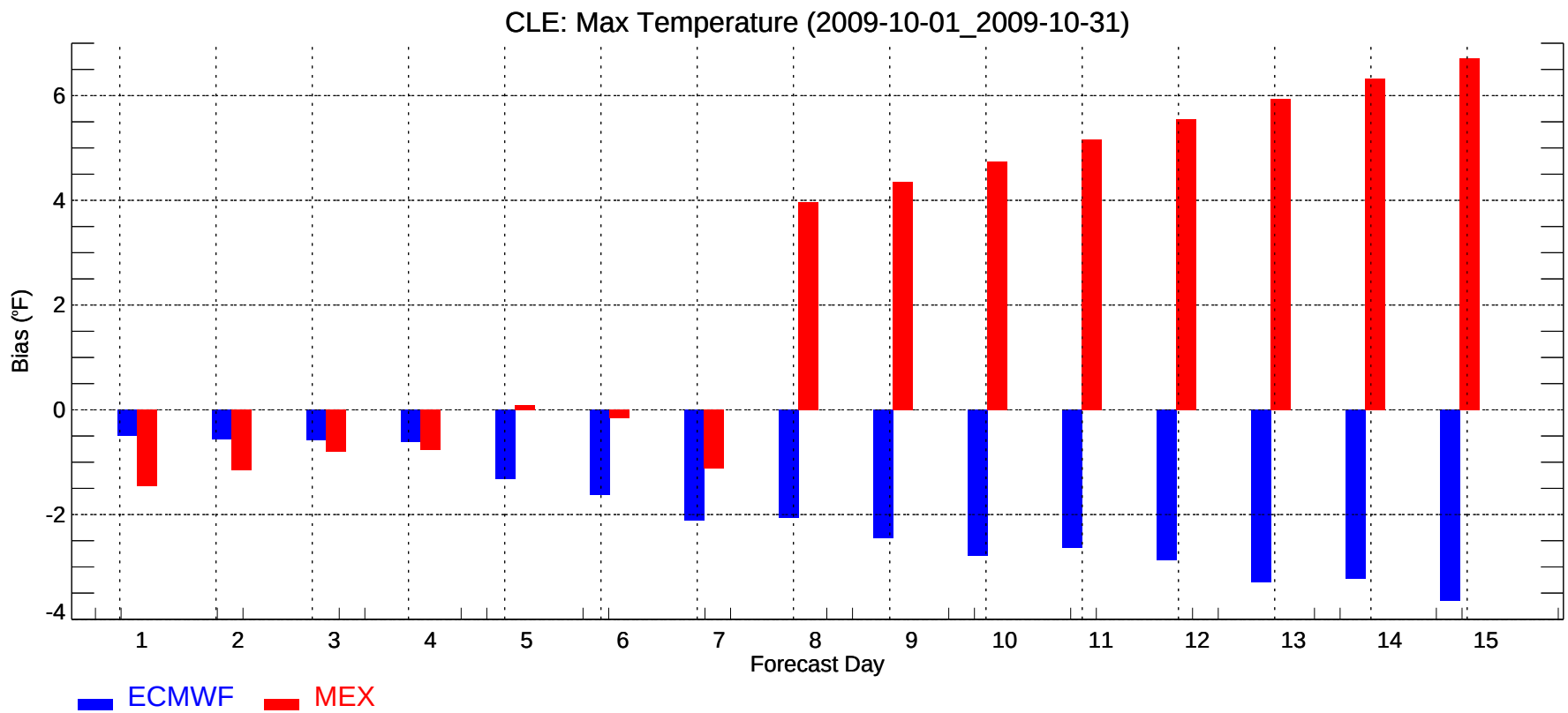
Forecast Day
ECMWF
MEX


CLE: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
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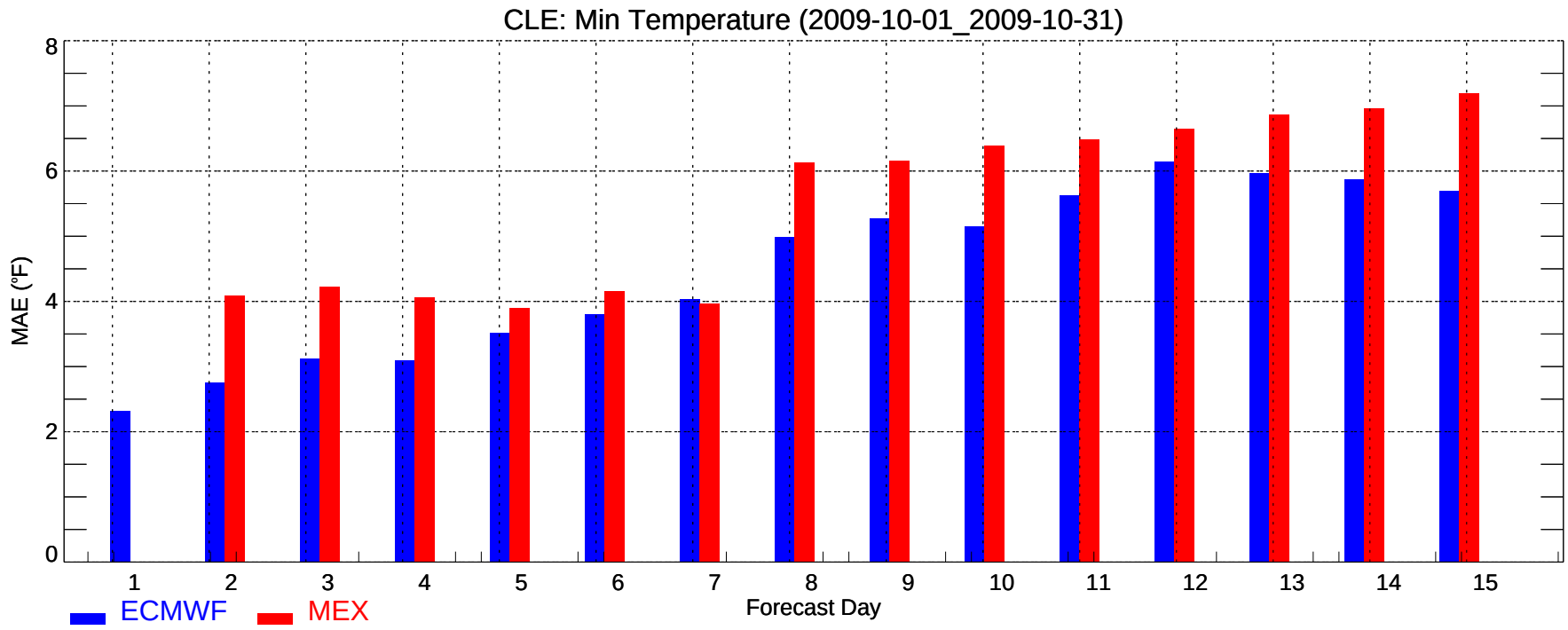
Forecast Day
ECMWF
MEX


CLE: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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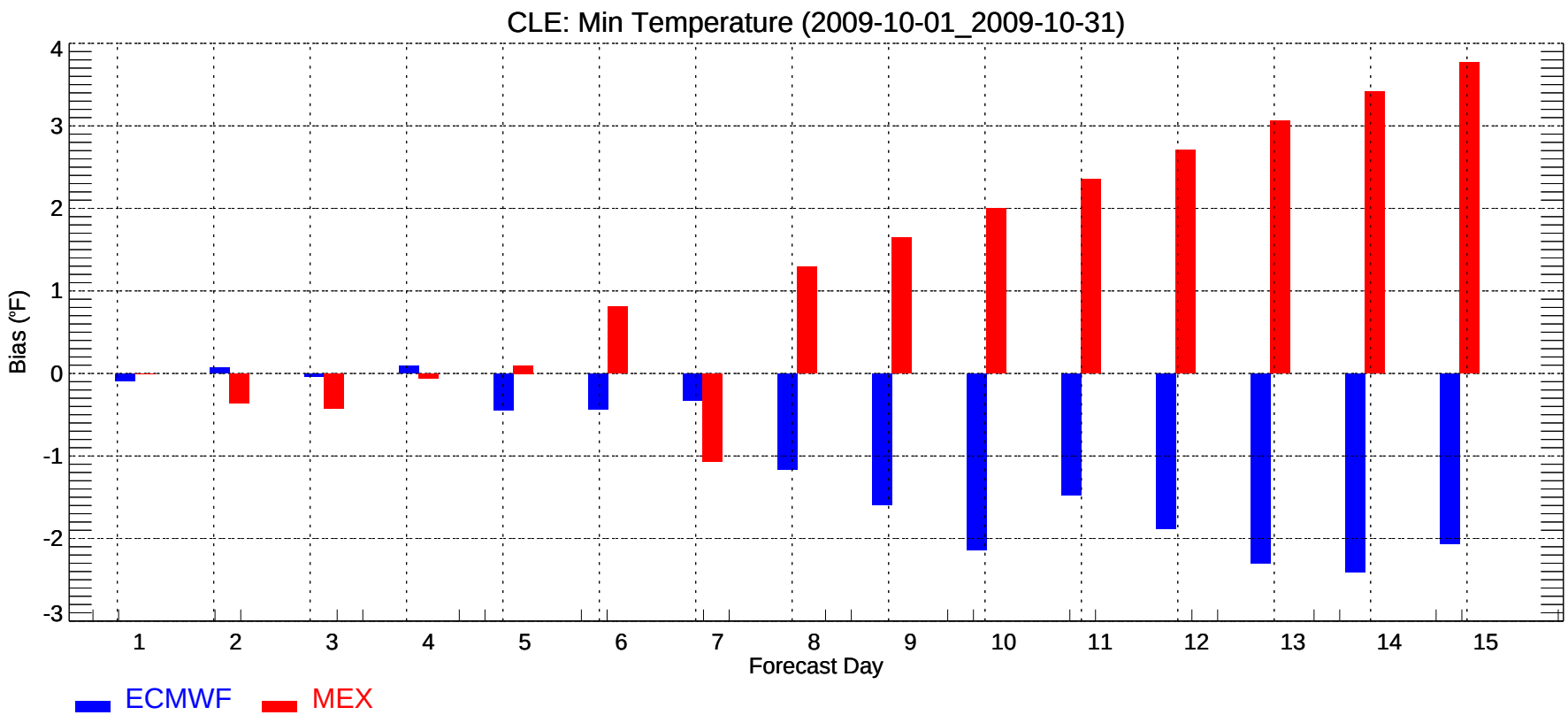
Forecast Day
ECMWF
MEX


CLE: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
4
3
2
1
0
-1
-2
-3
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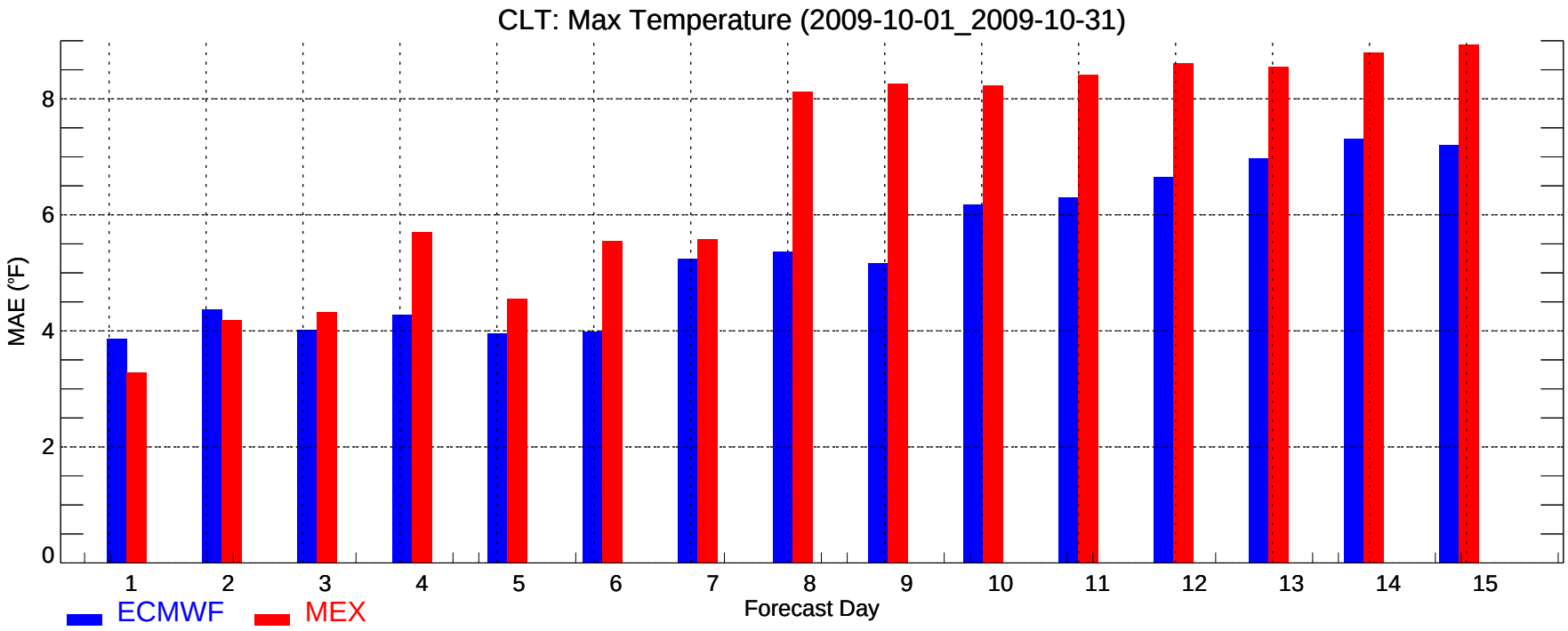
Forecast Day
ECMWF
MEX


CLT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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6
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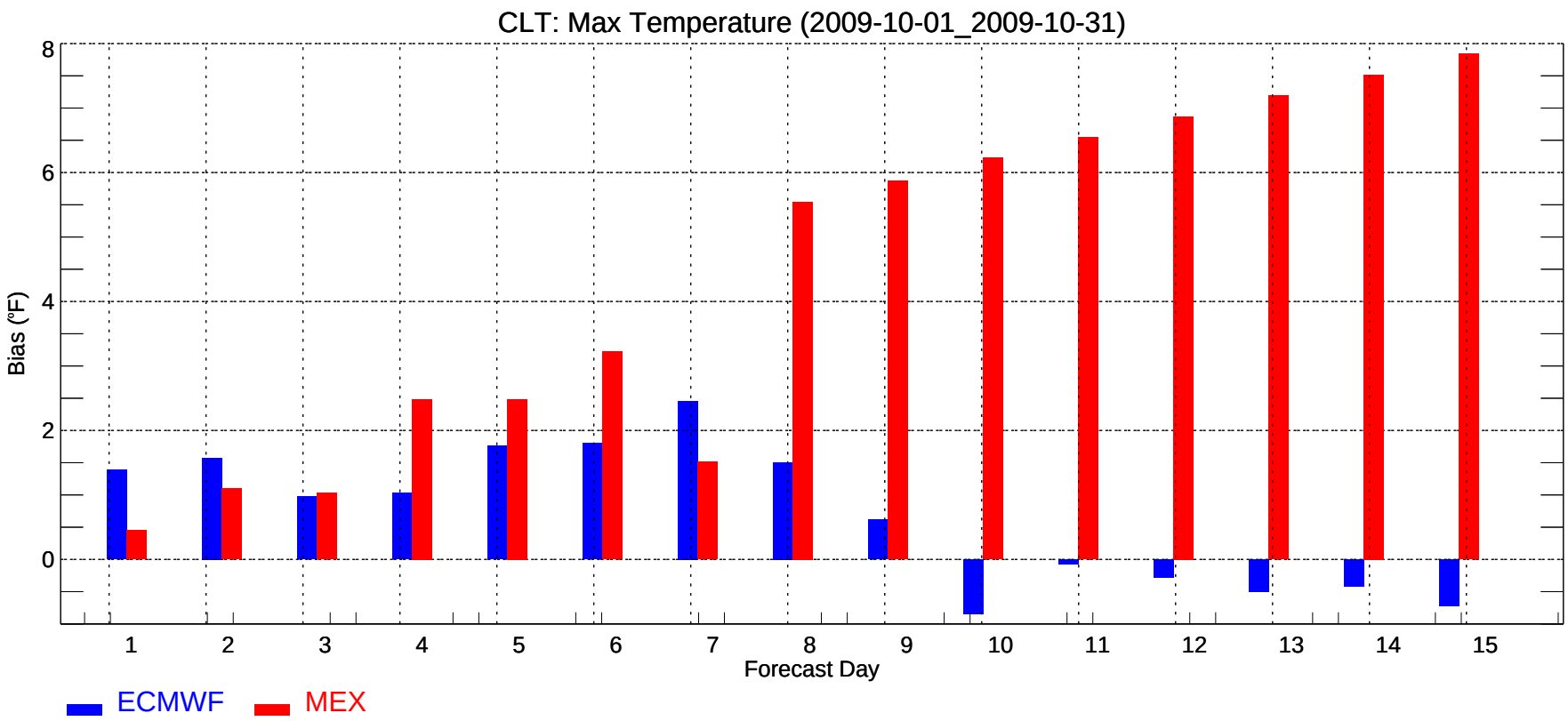
Forecast Day
ECMWF
MEX


CLT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
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2
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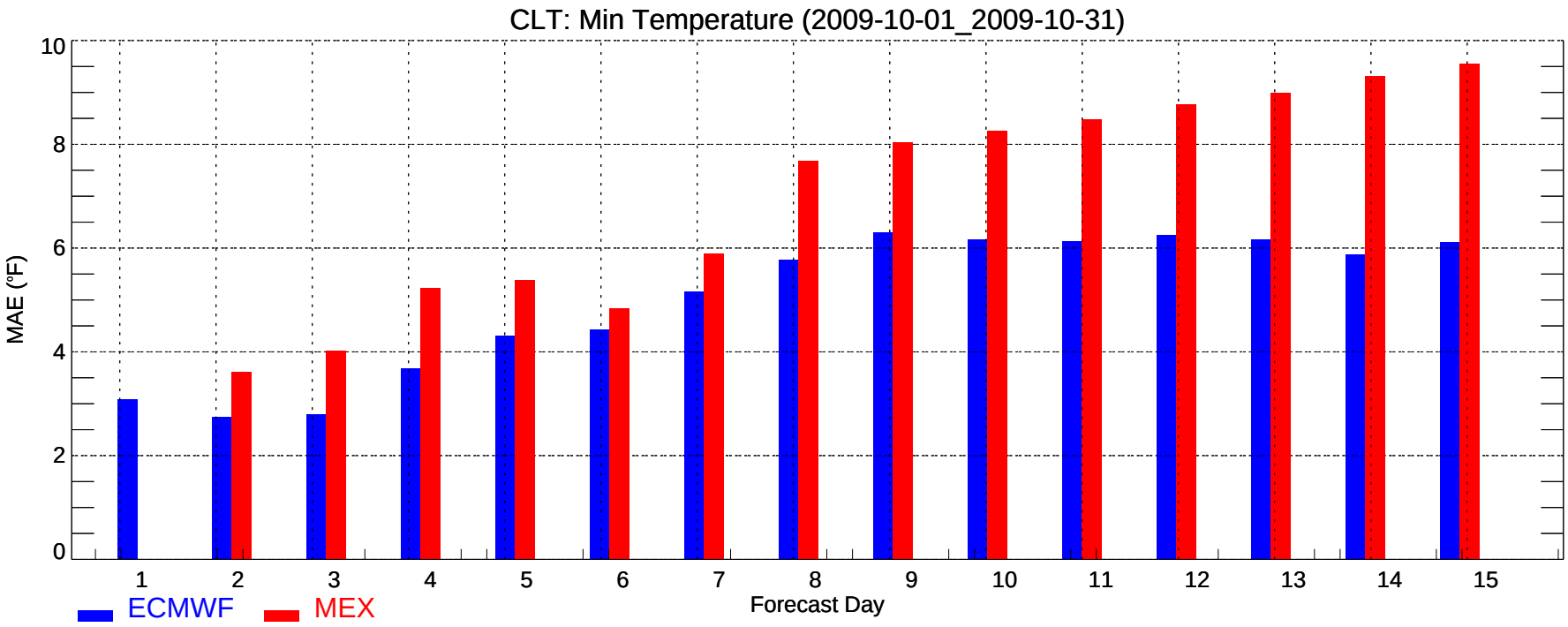
Forecast Day
ECMWF
MEX


CLT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
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6
7
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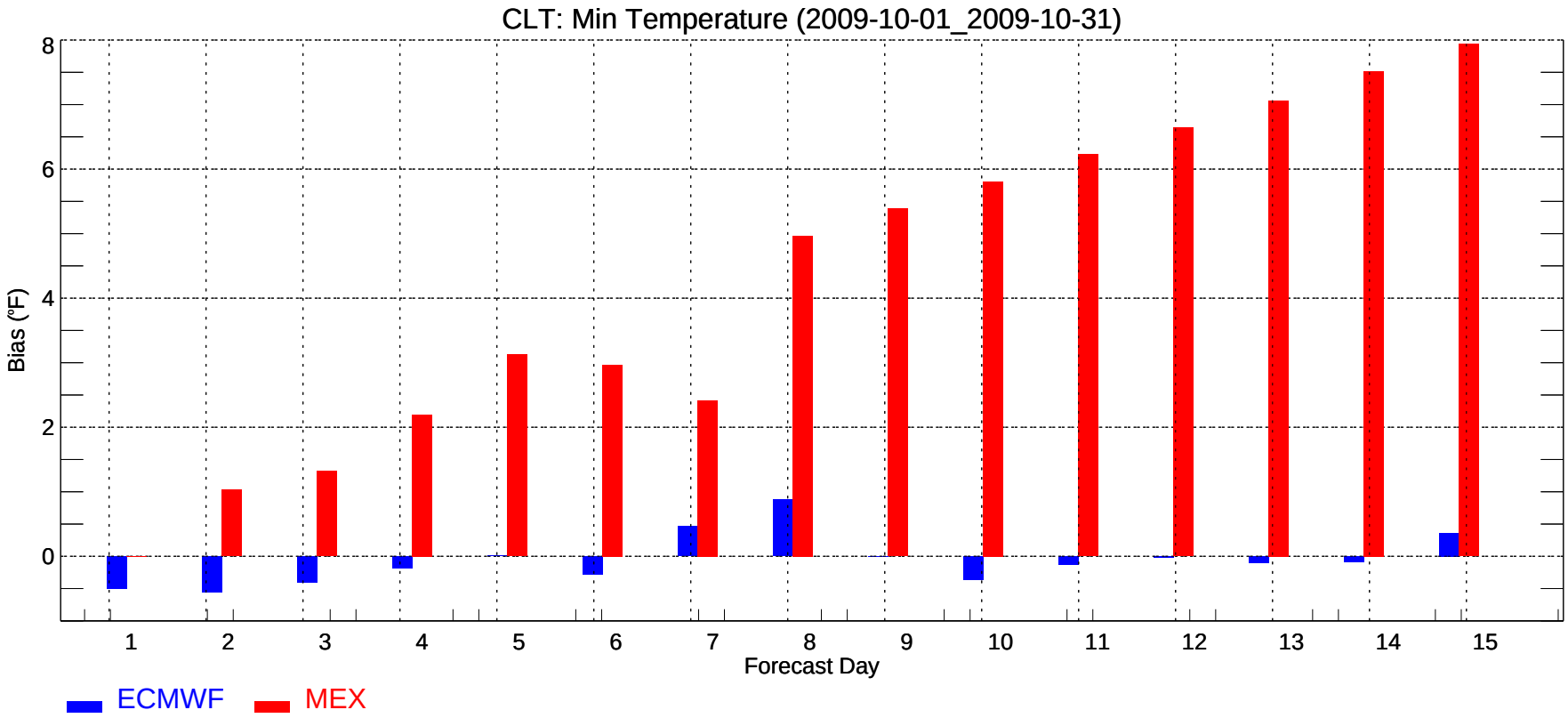
Forecast Day
ECMWF
MEX


CLT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
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6
8
1
2
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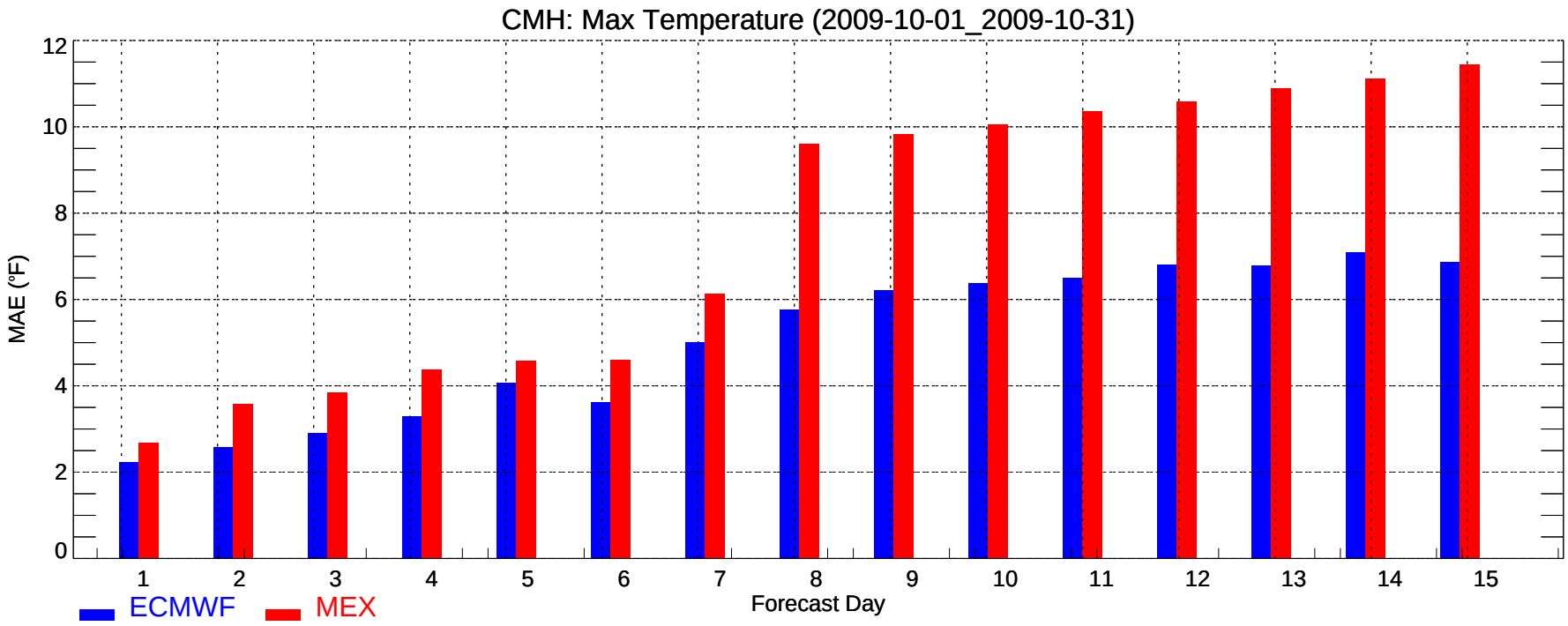
Forecast Day
ECMWF
MEX


CMH: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
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5
6
7
8
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11
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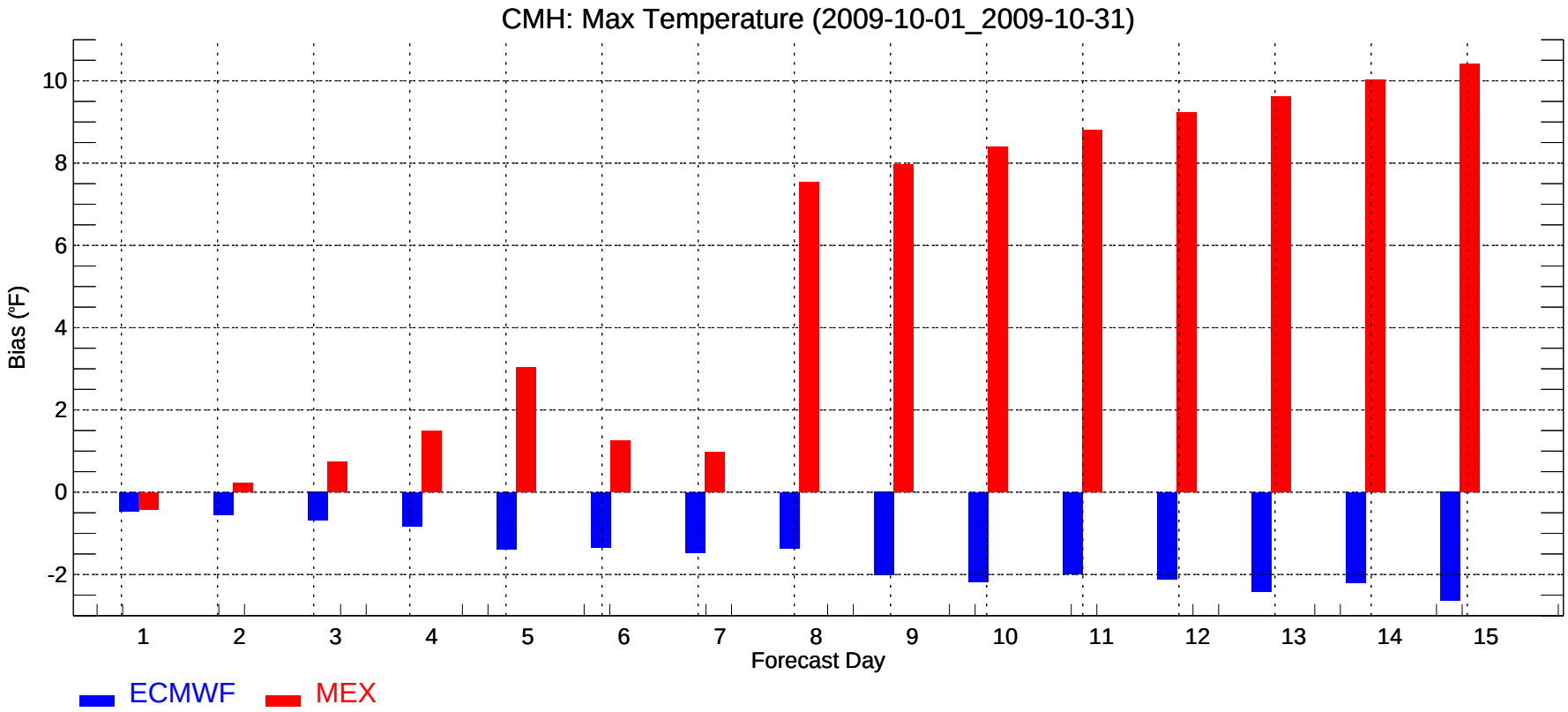
13
14
15
Forecast Day
ECMWF
MEX


CMH: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
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8
10
1
2
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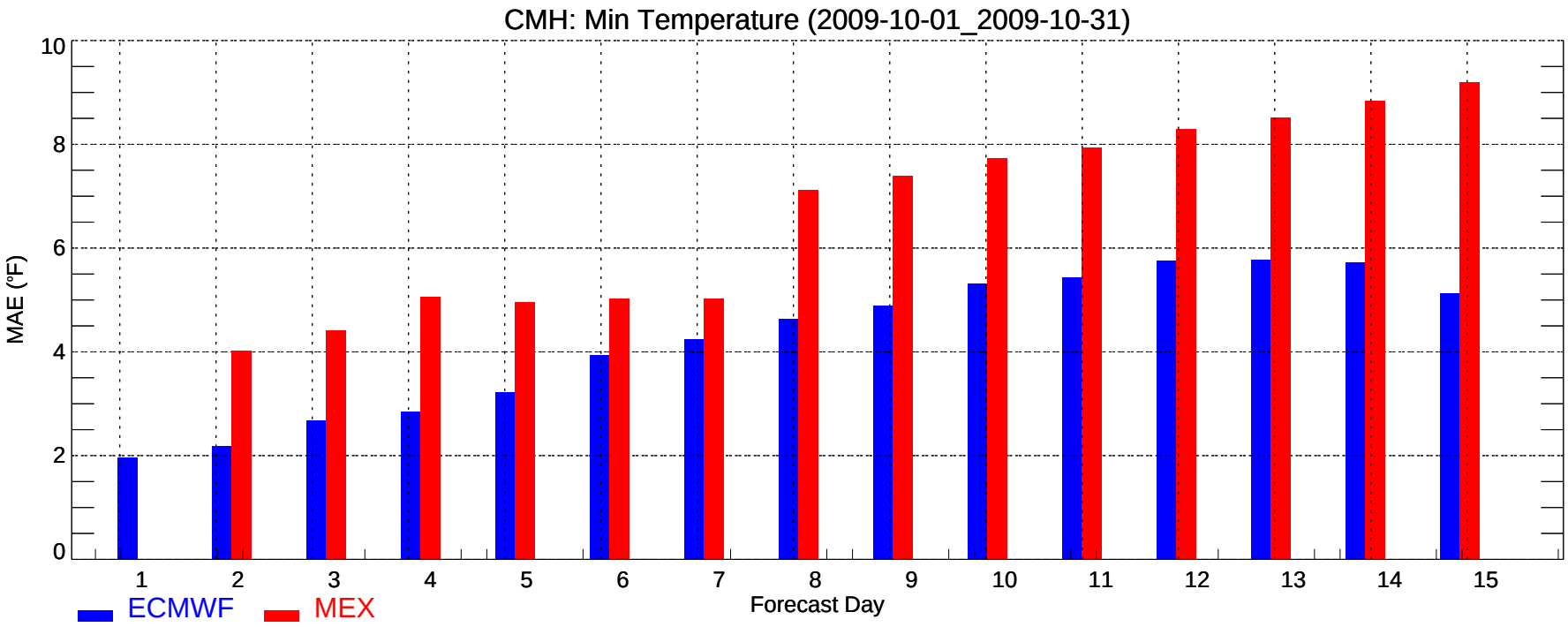
Forecast Day
ECMWF
MEX


CMH: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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1
2
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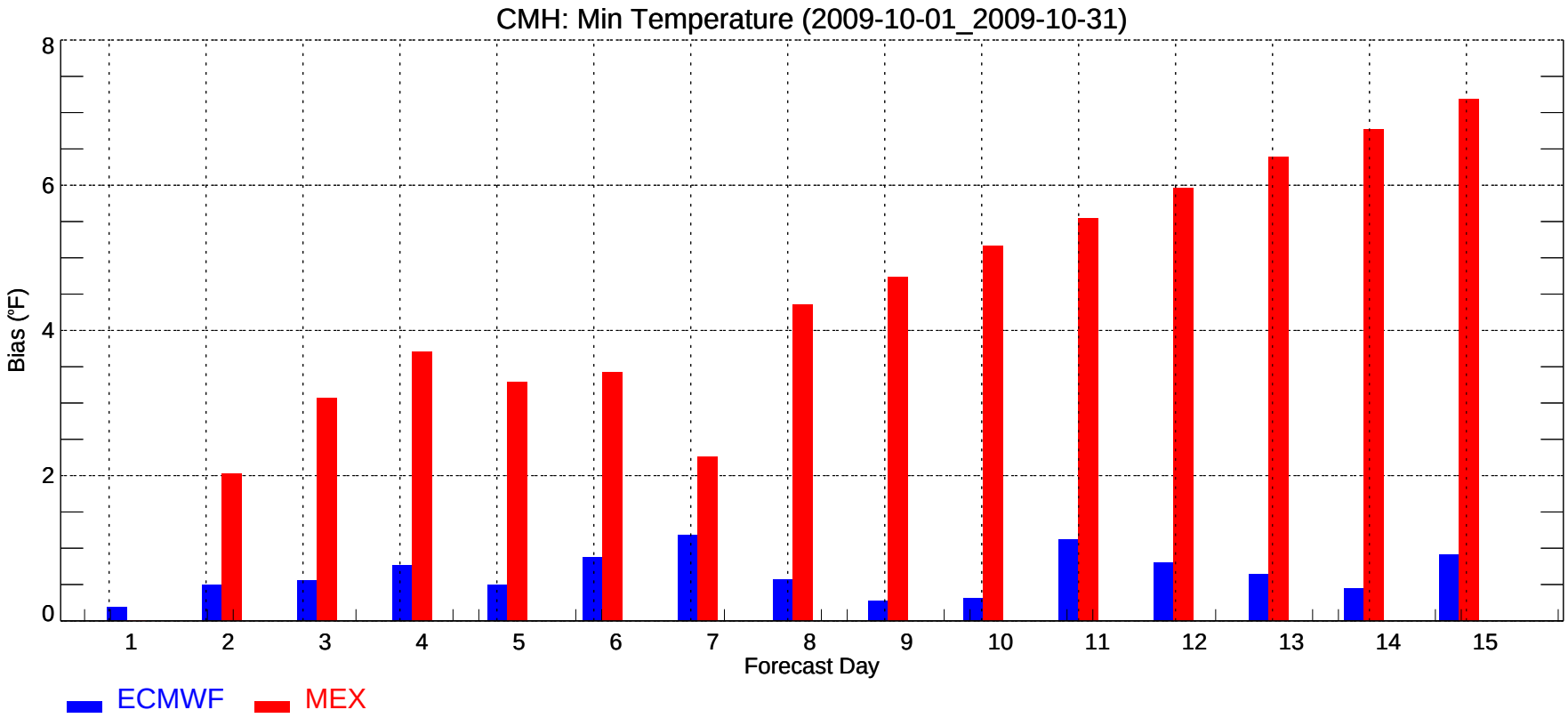
Forecast Day
ECMWF
MEX


CMH: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
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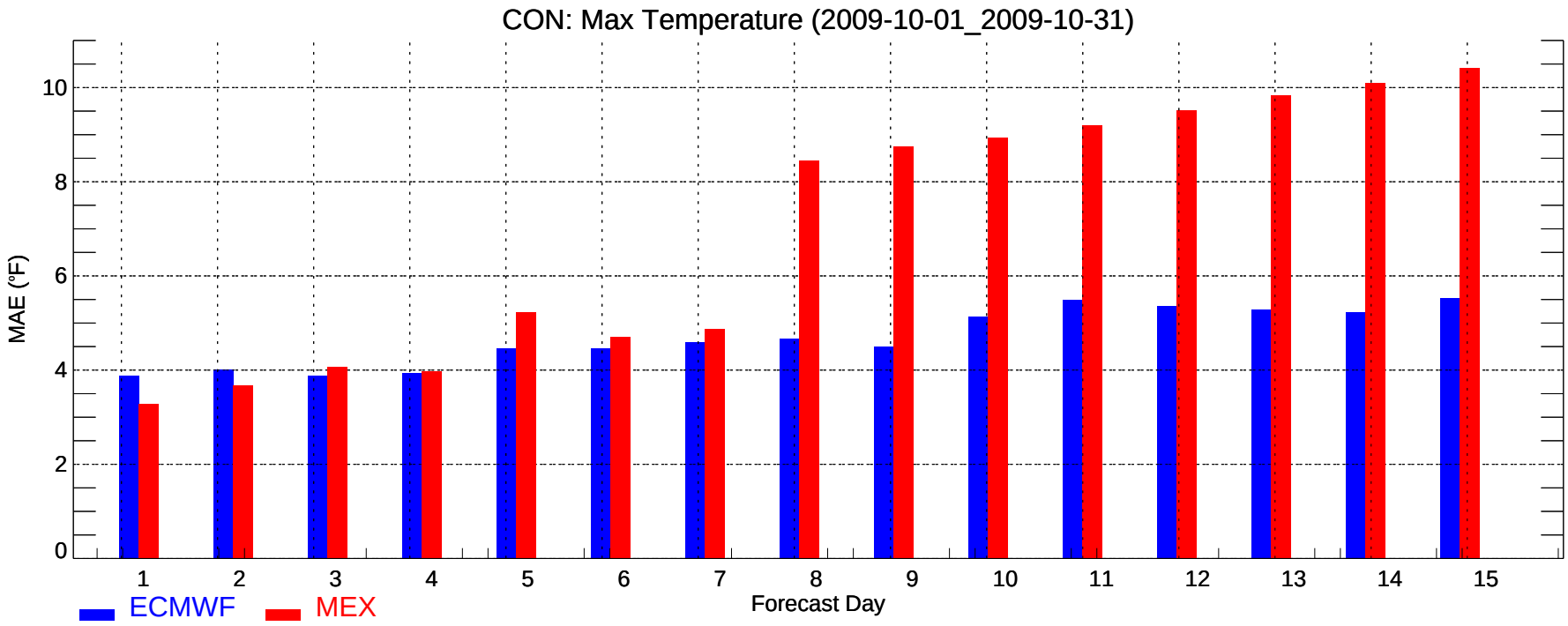
Forecast Day
ECMWF
MEX


CON: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
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2
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6
7
8
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13
14
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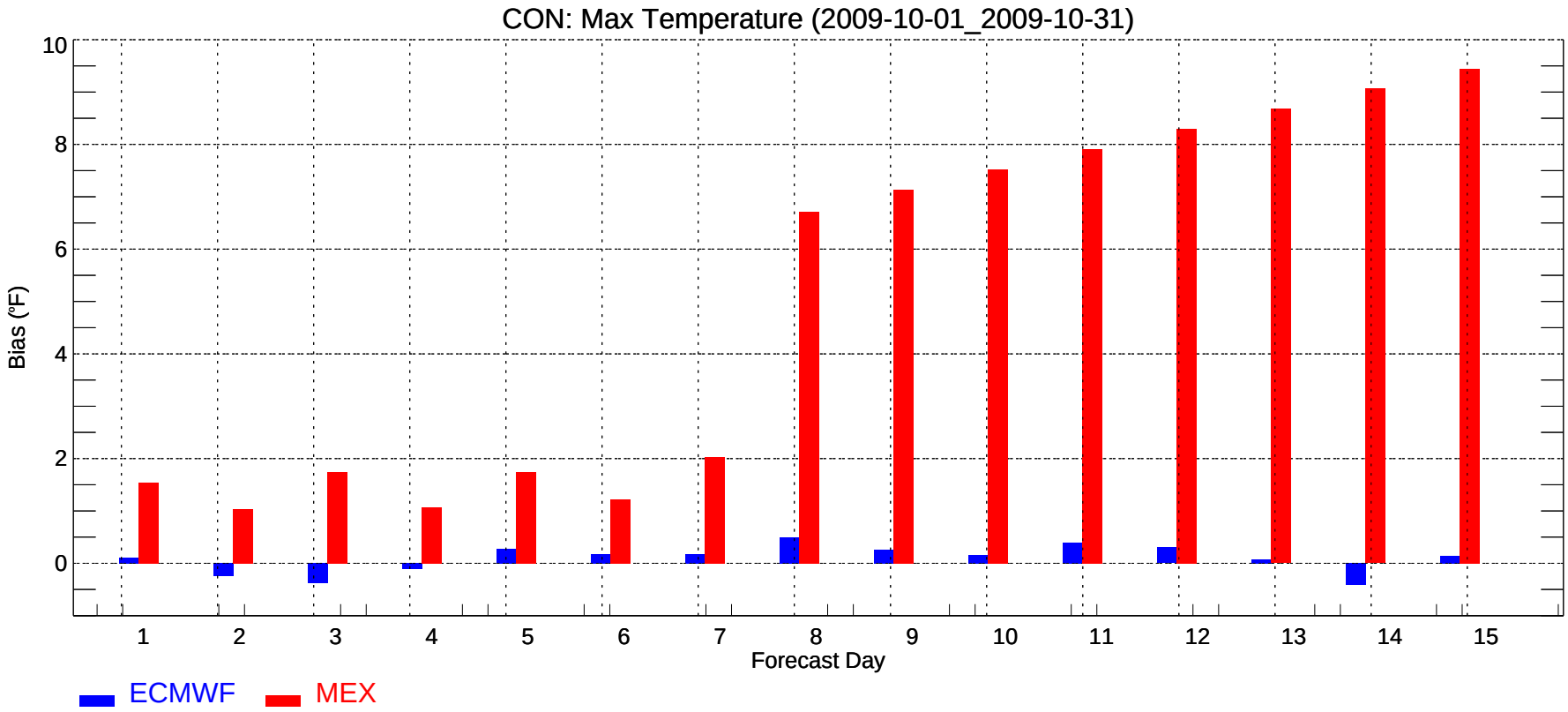
Forecast Day
ECMWF
MEX


CON: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
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2
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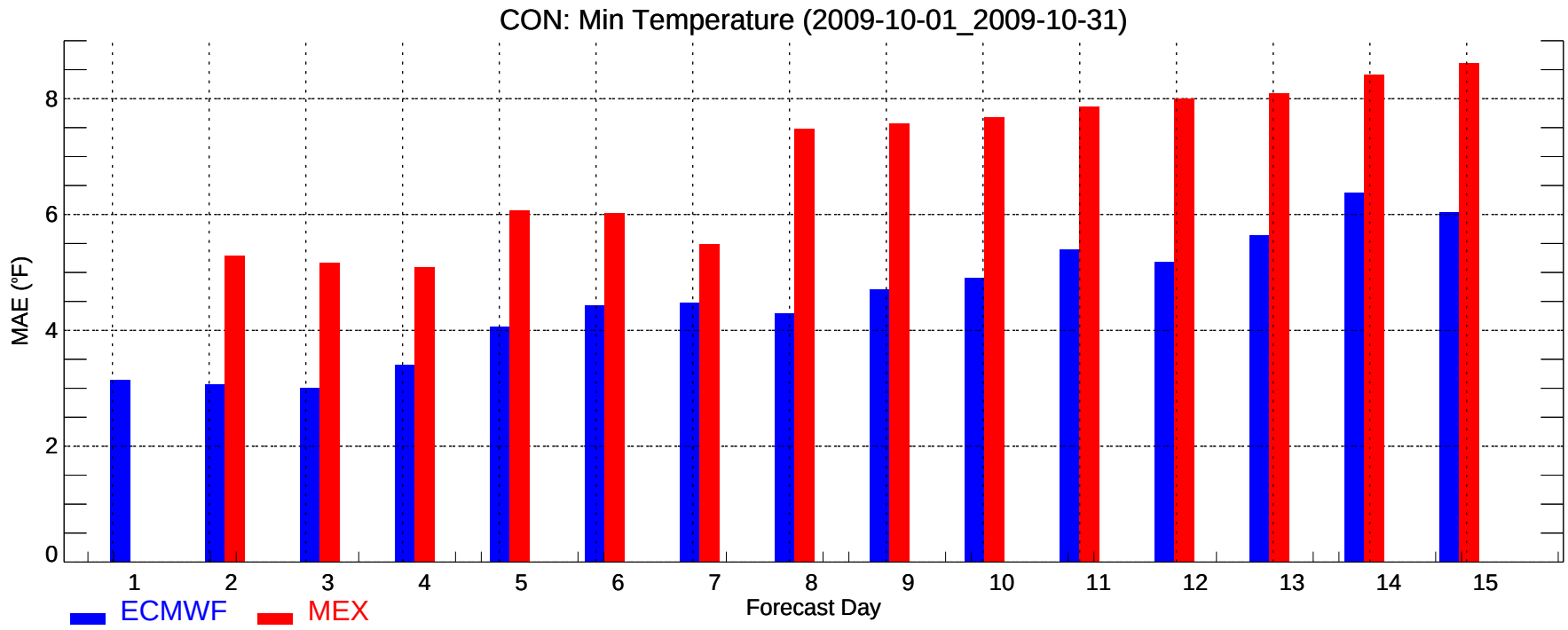
Forecast Day
ECMWF
MEX


CON: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
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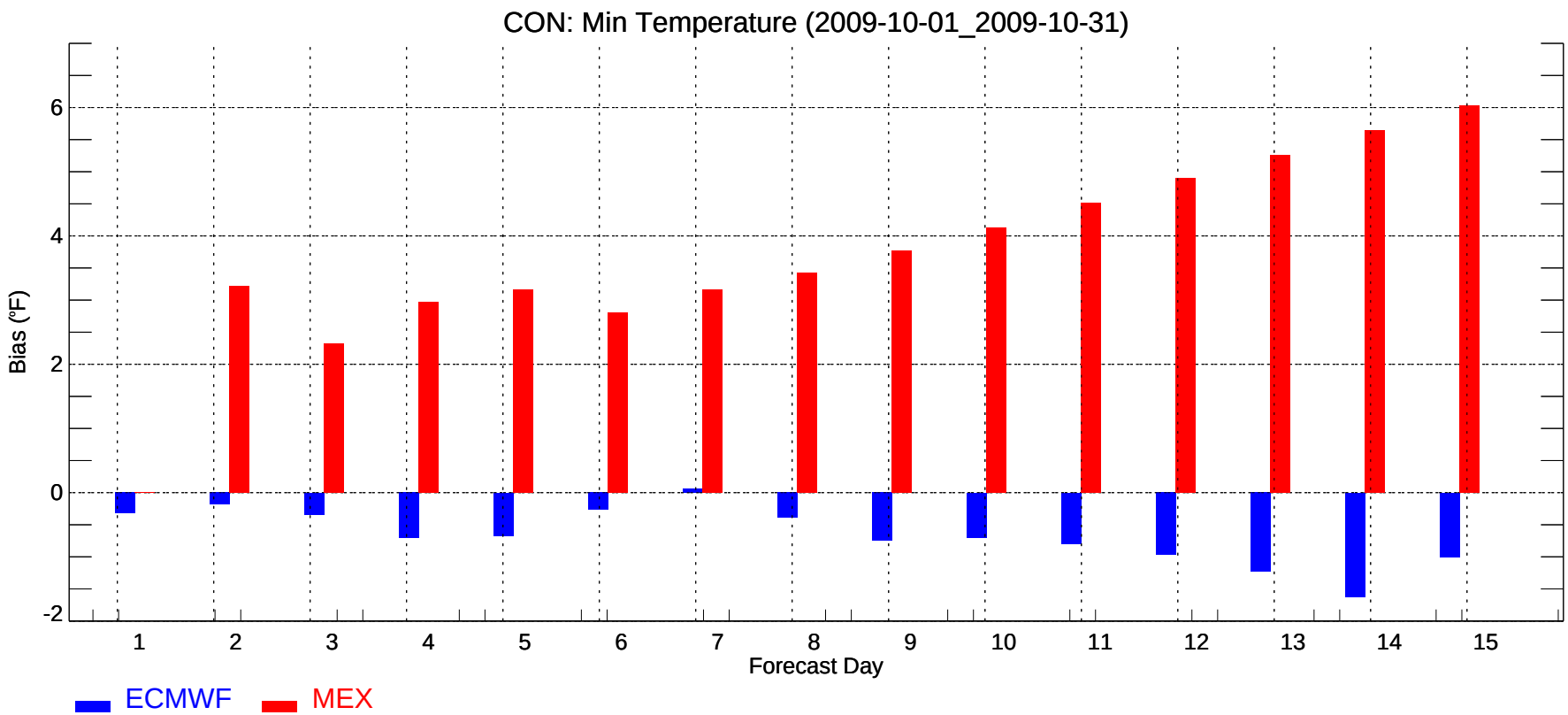
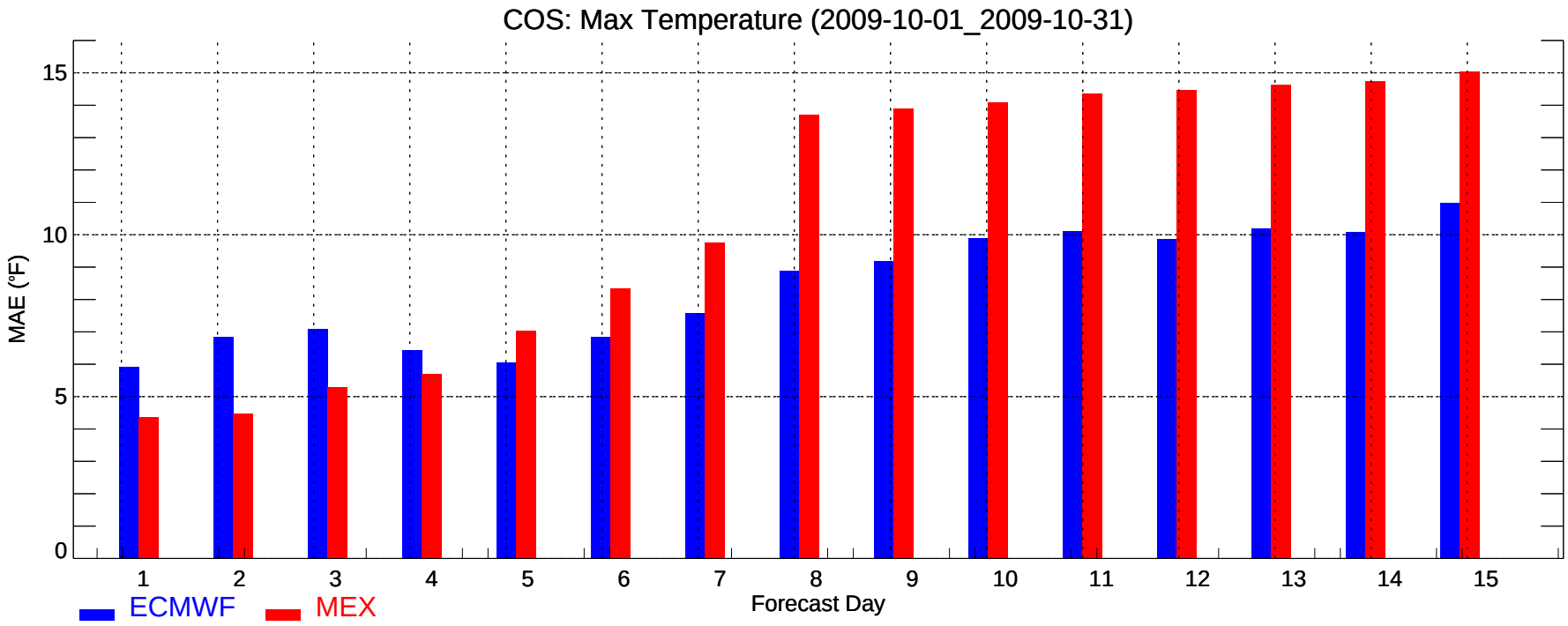
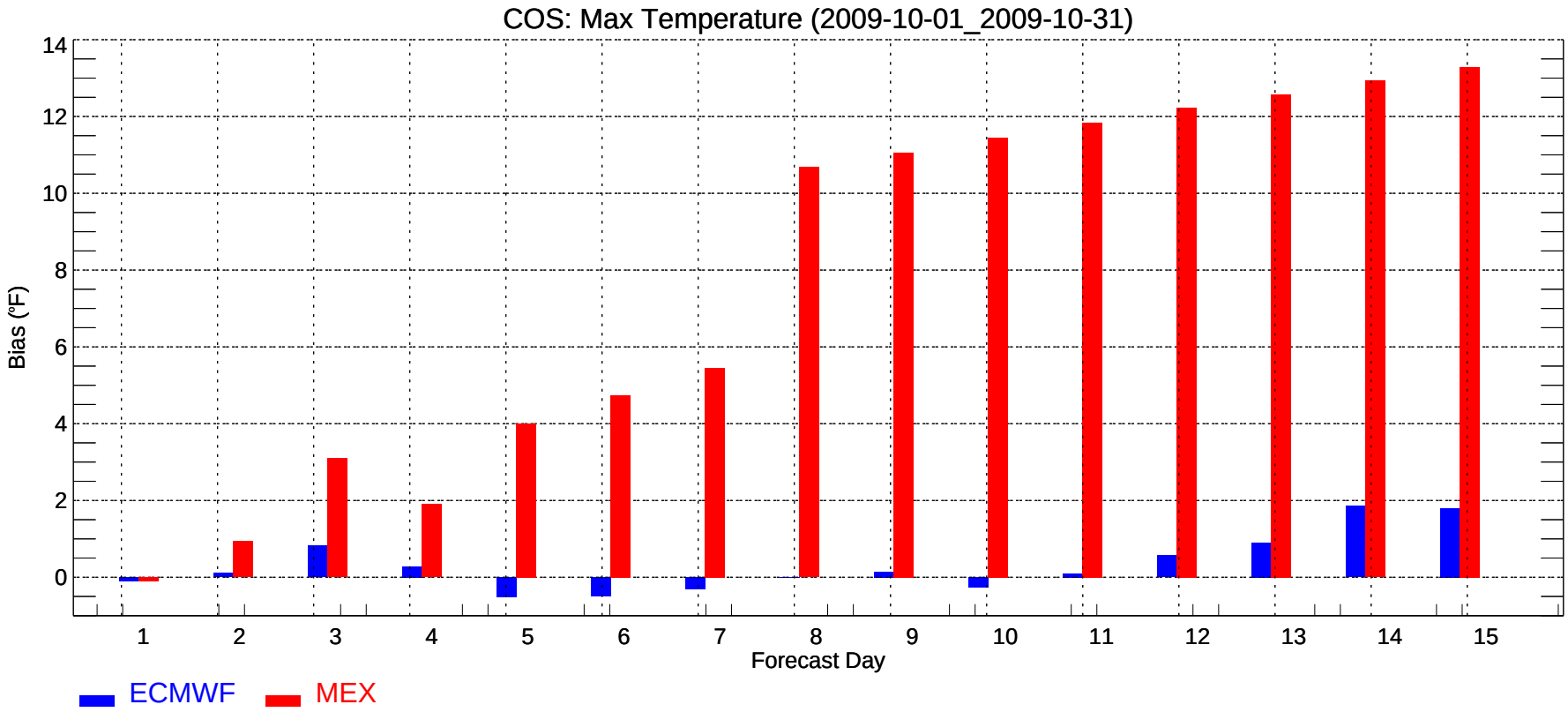
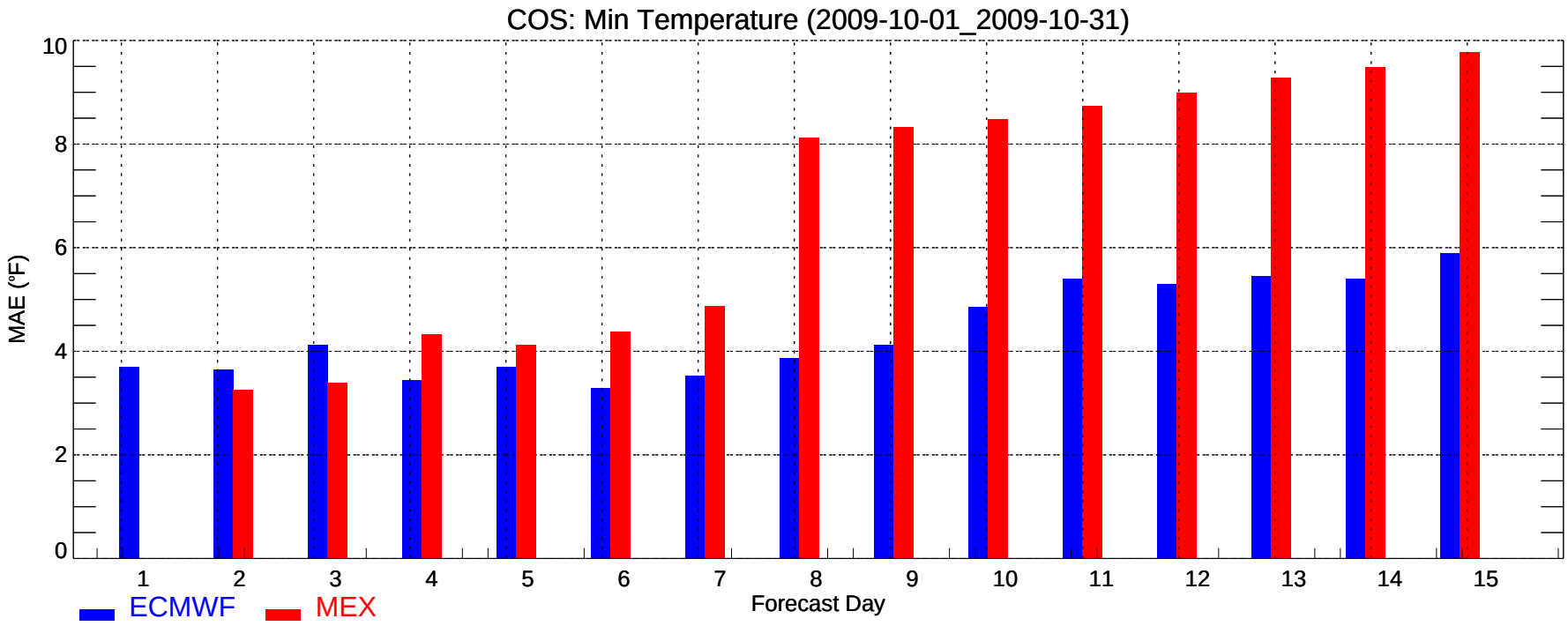
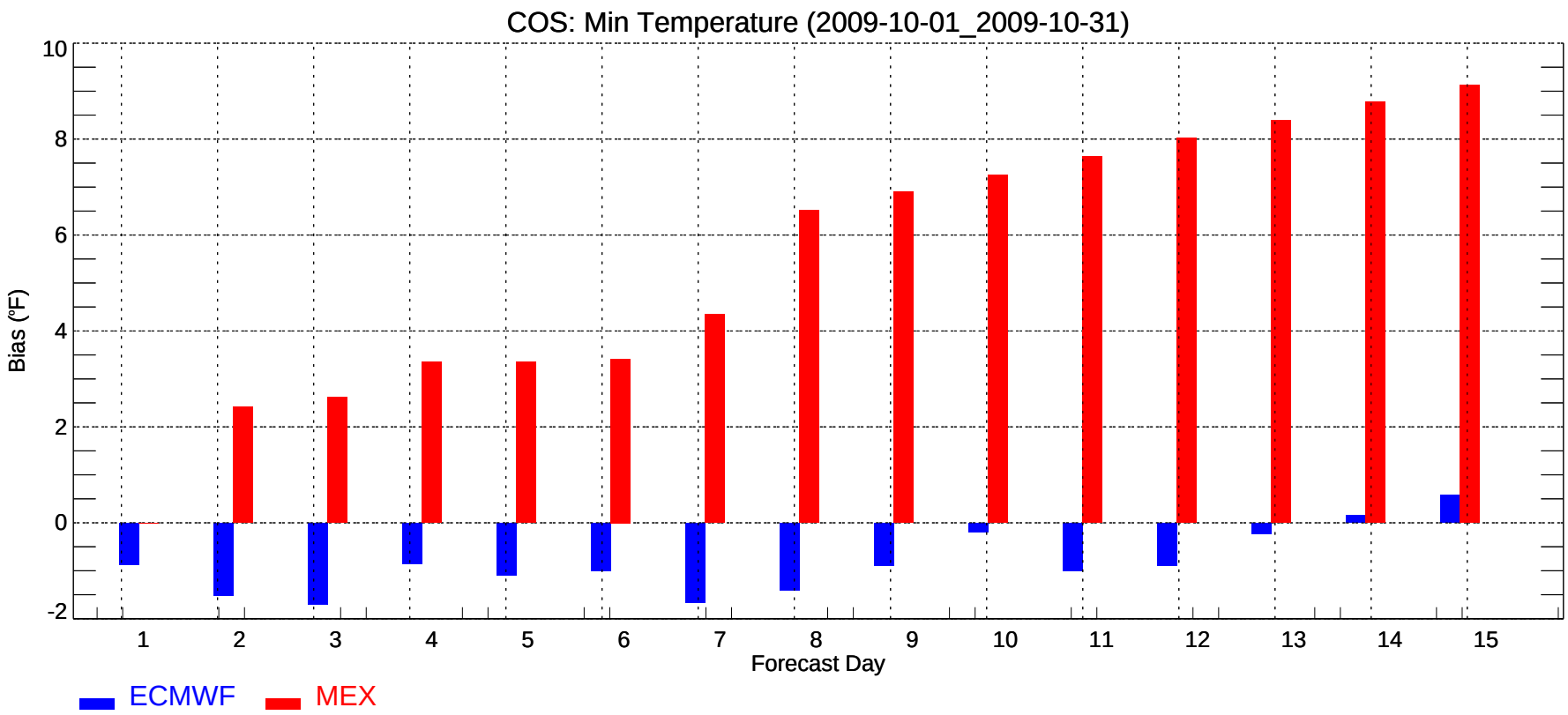
15
Forecast Day
ECMWF
MEX

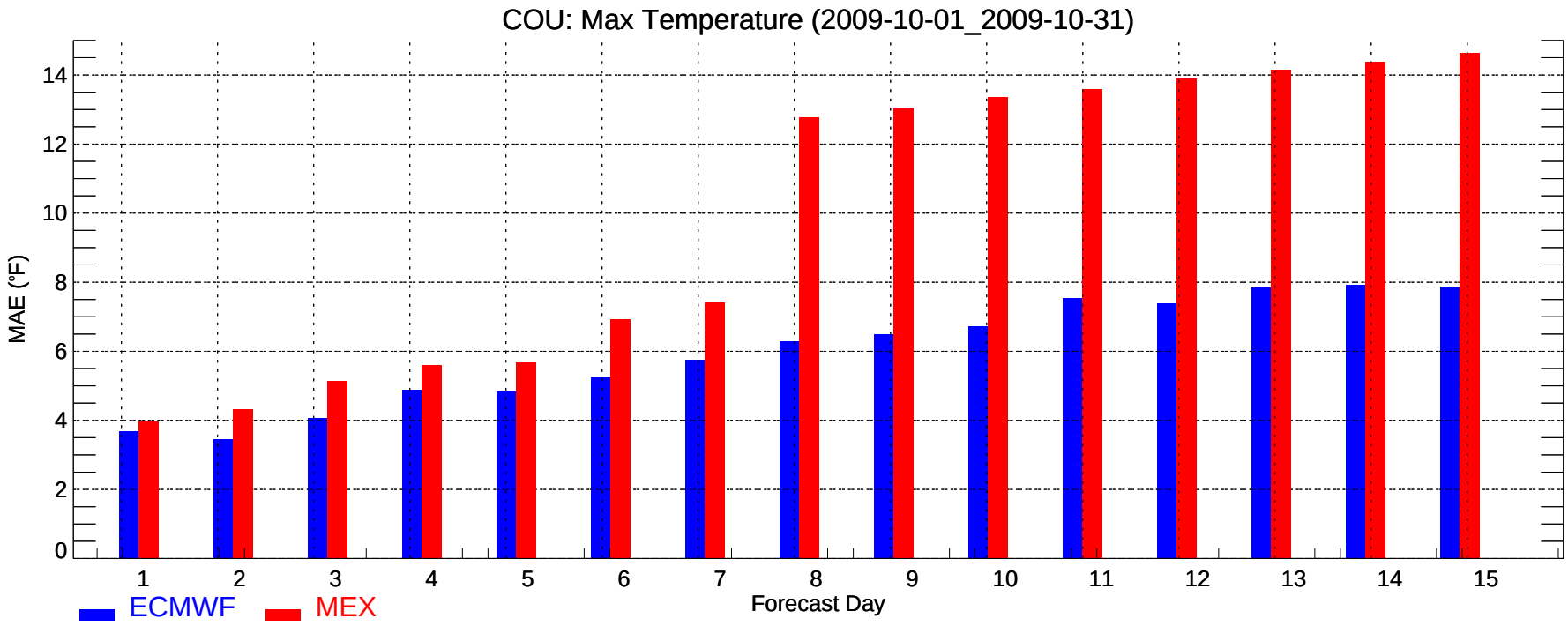

CON: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

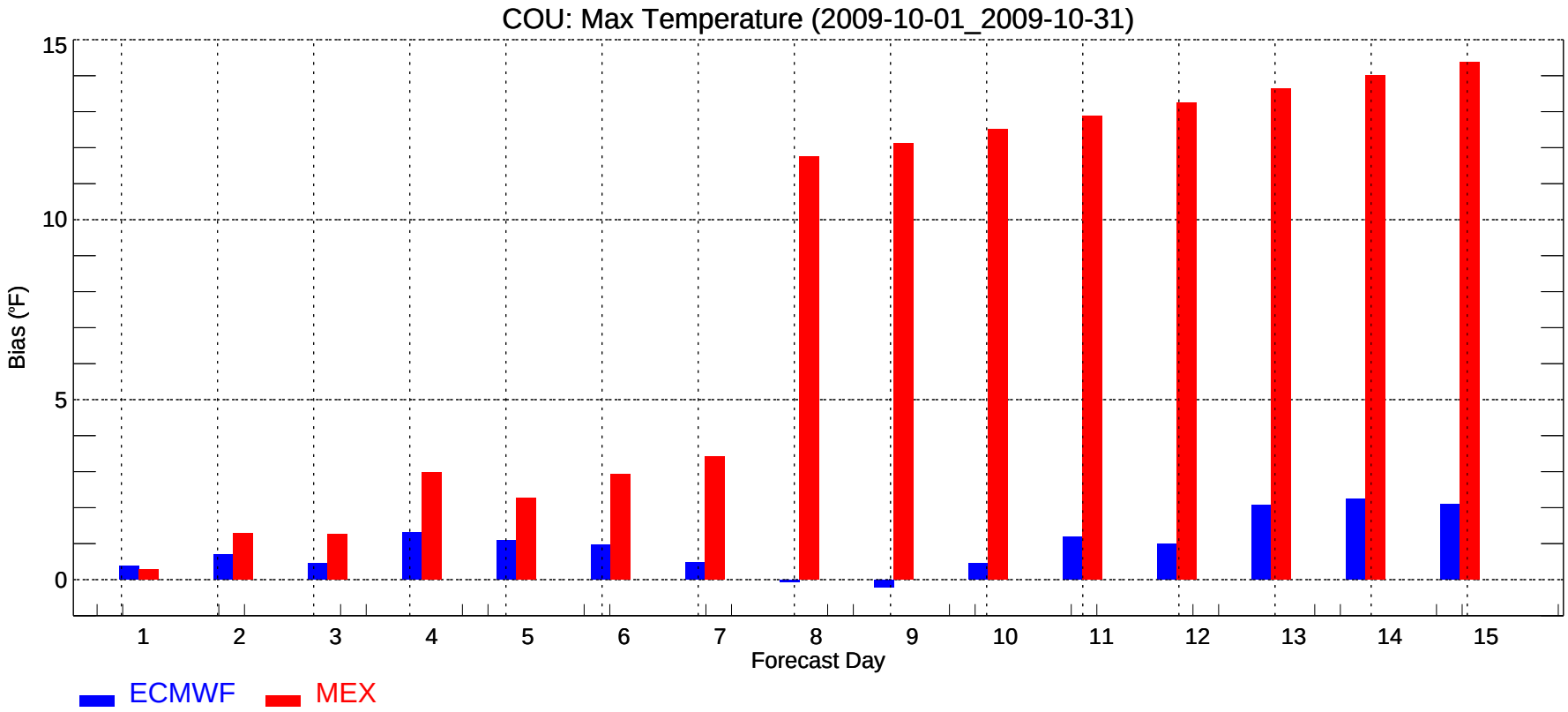

COS: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

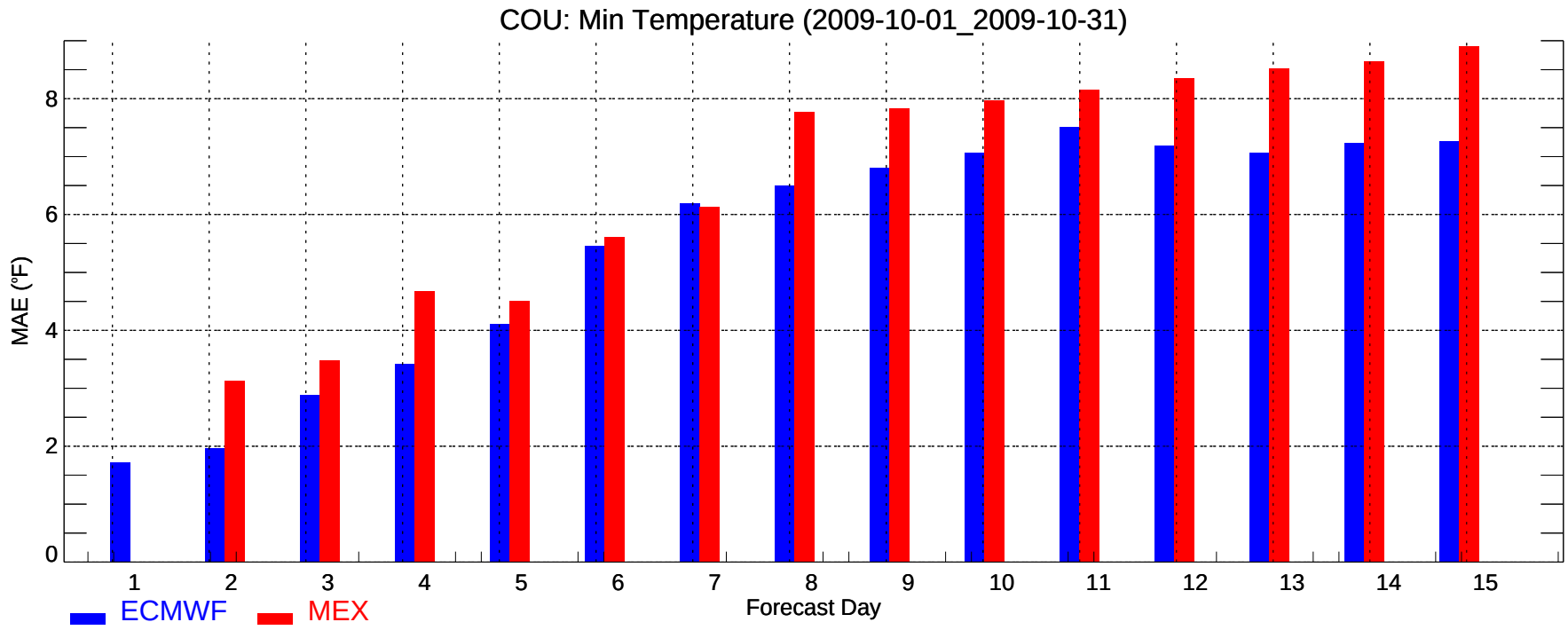

COS: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

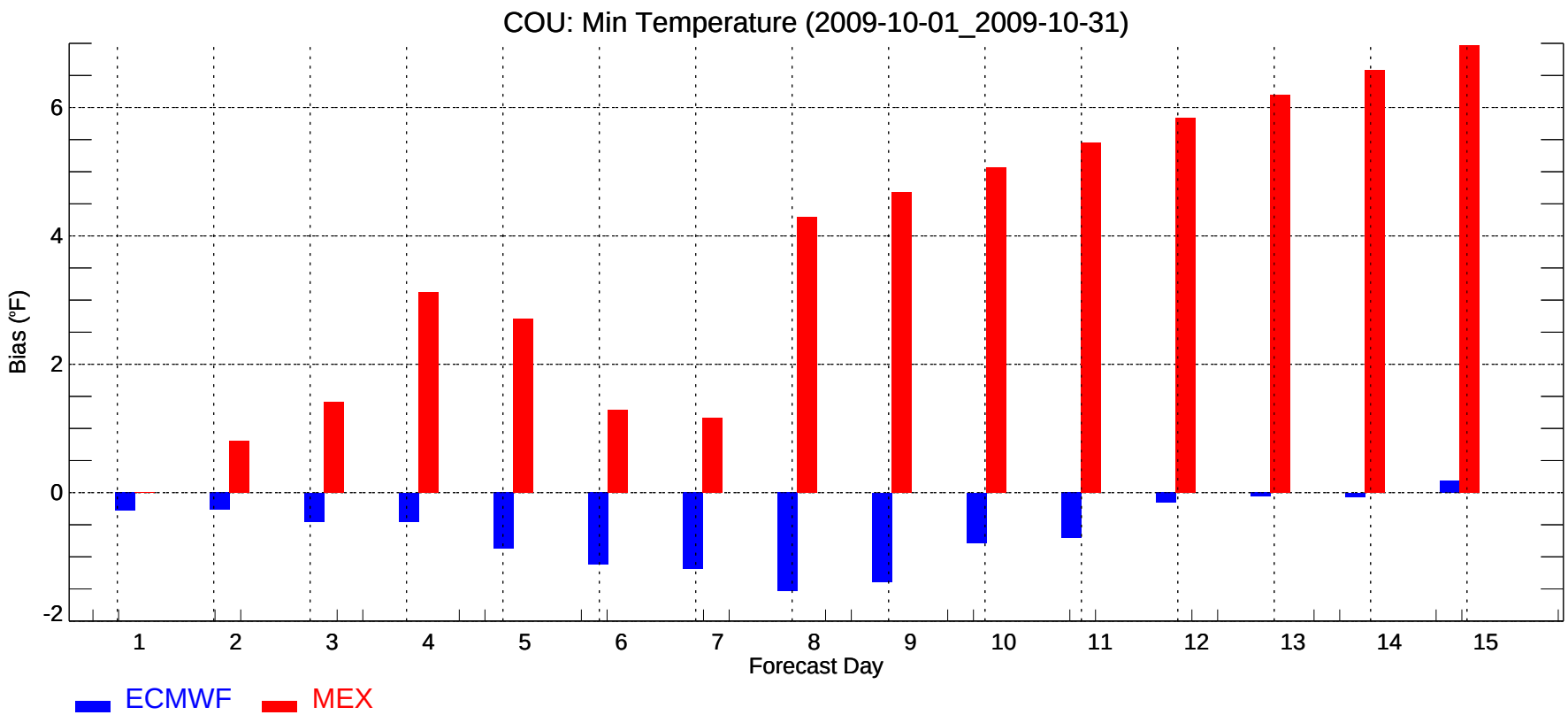

COS: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
Forecast Day
ECMWF
MEX

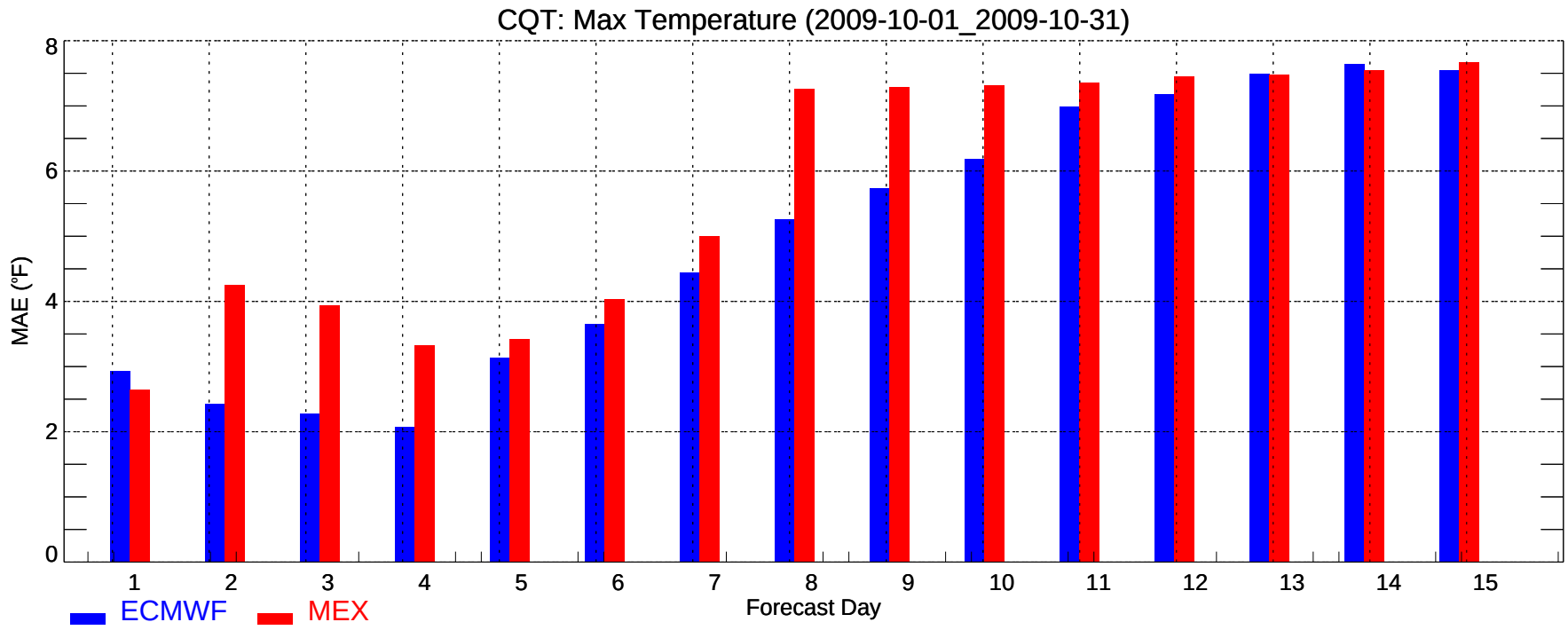

COS: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
Forecast Day
ECMWF
MEX

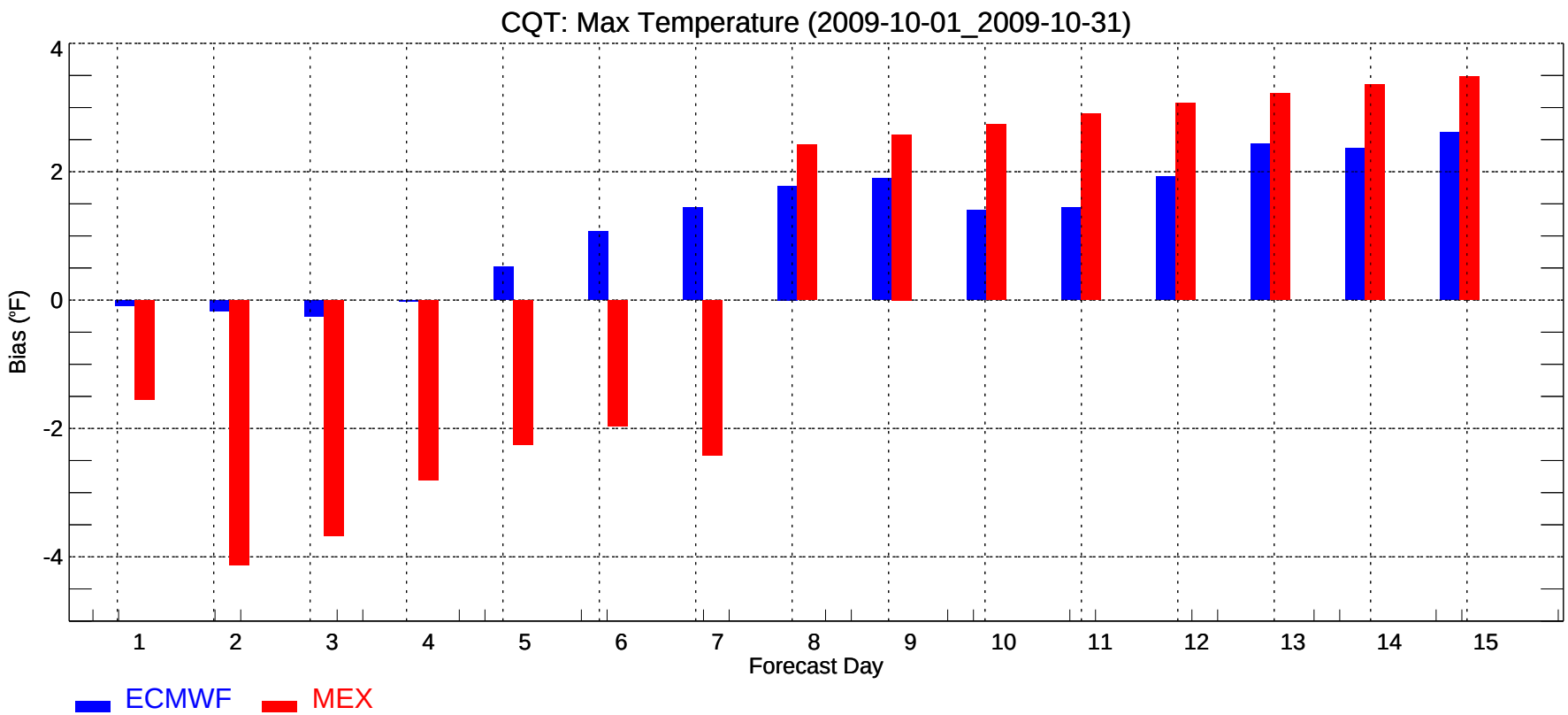

COU: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

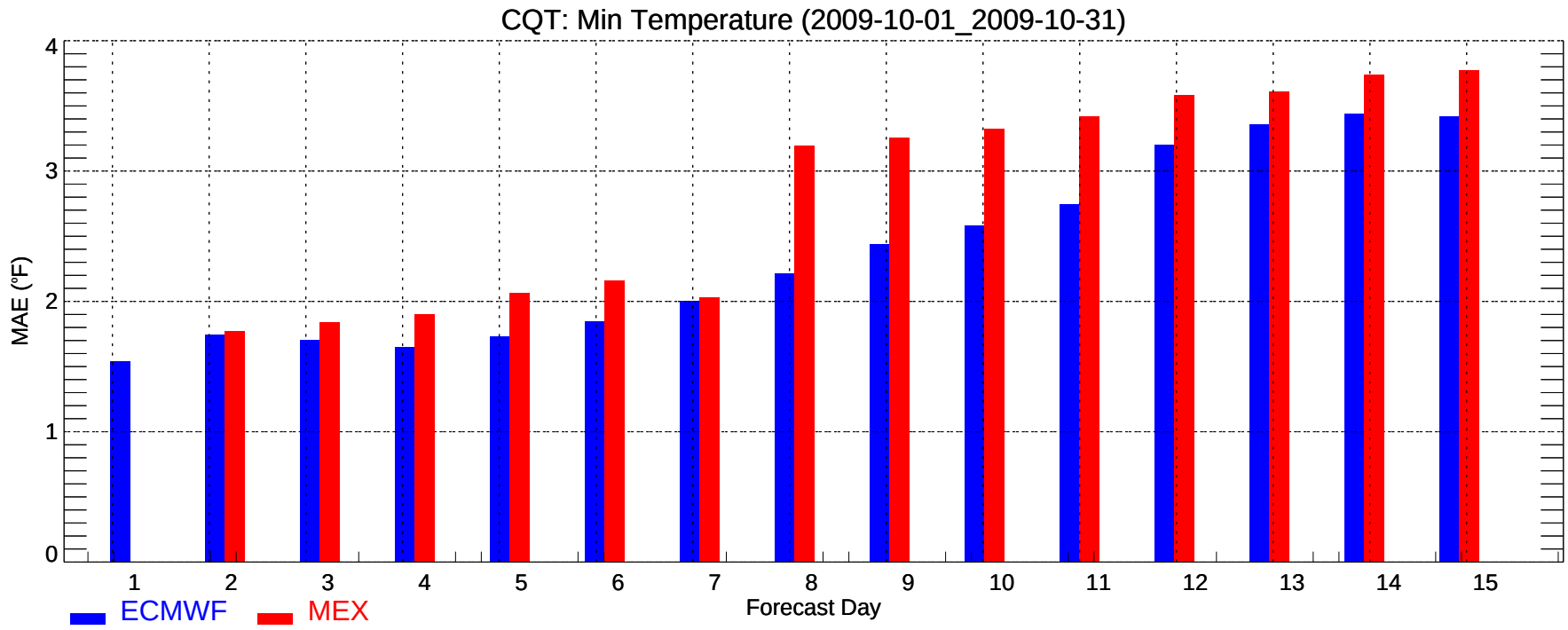

COU: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

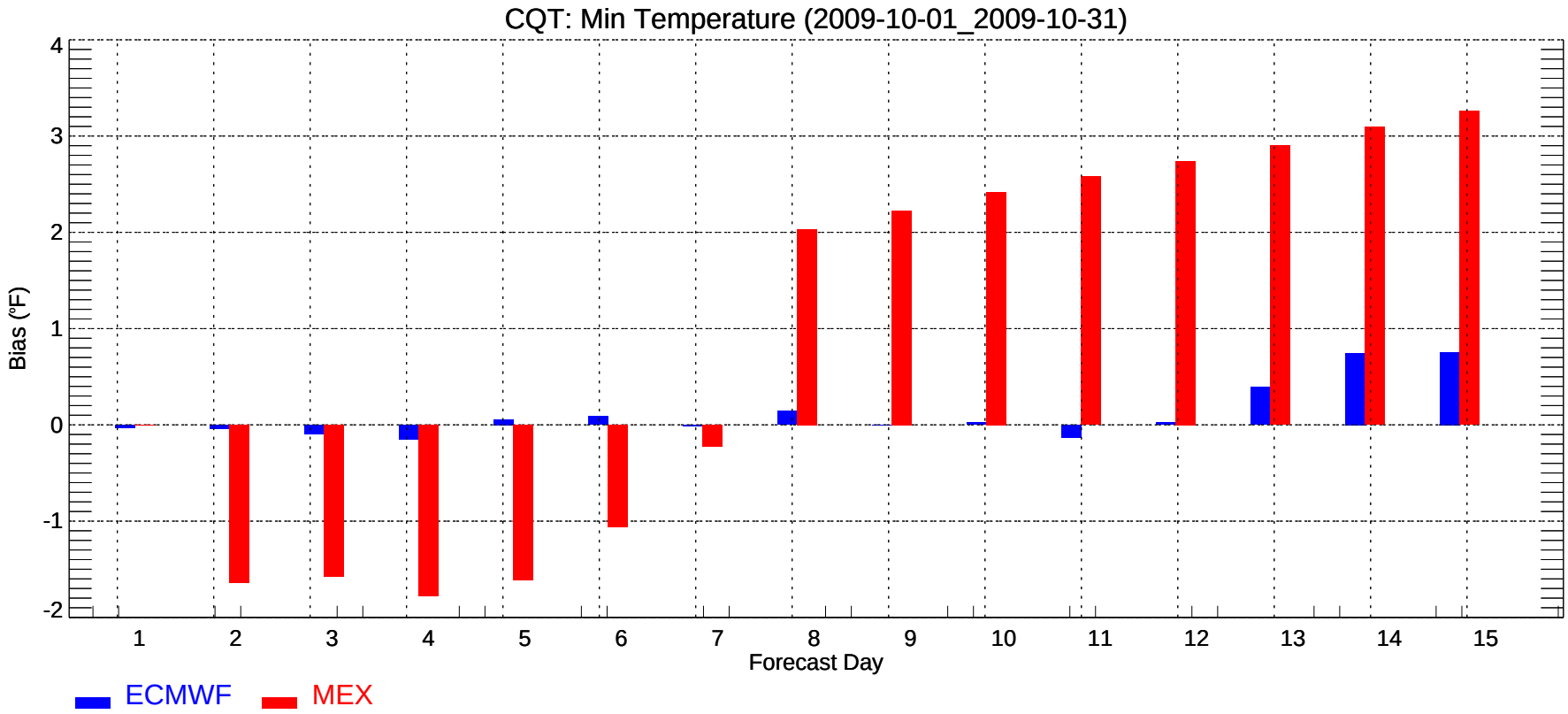

COU: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

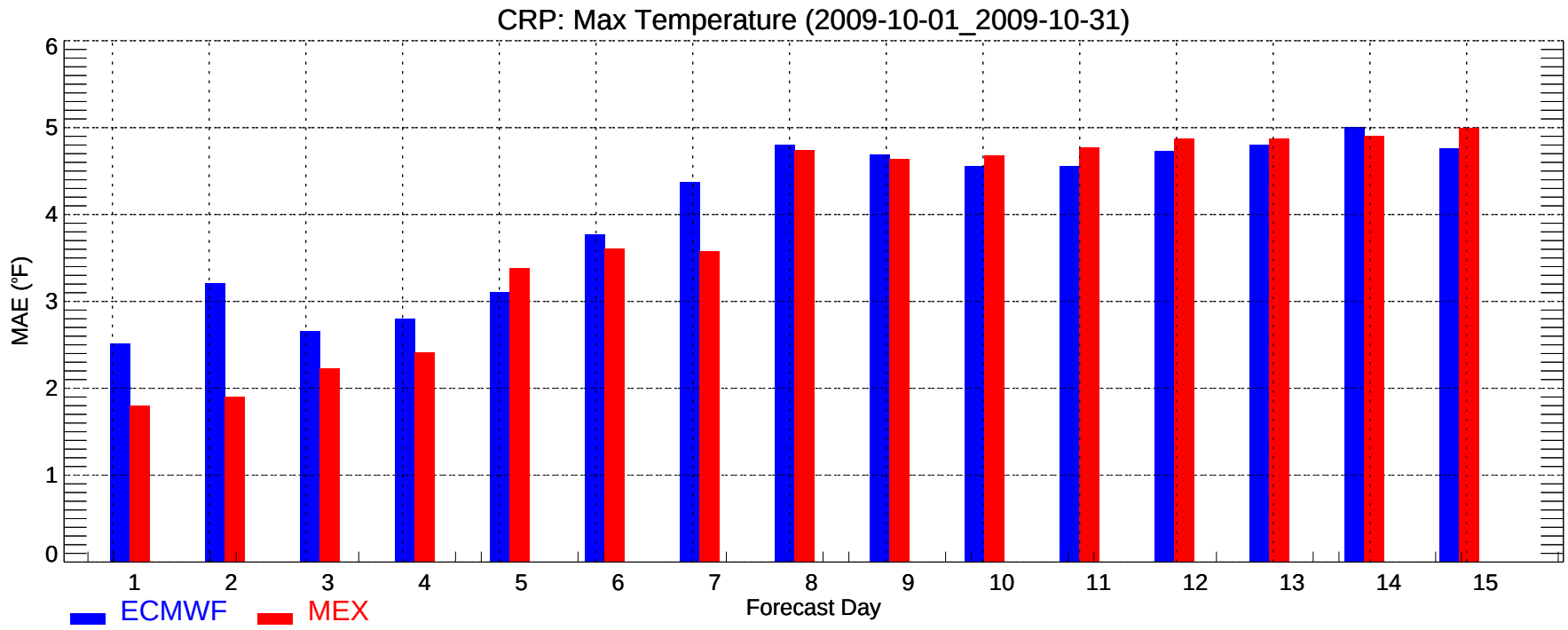

COU: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

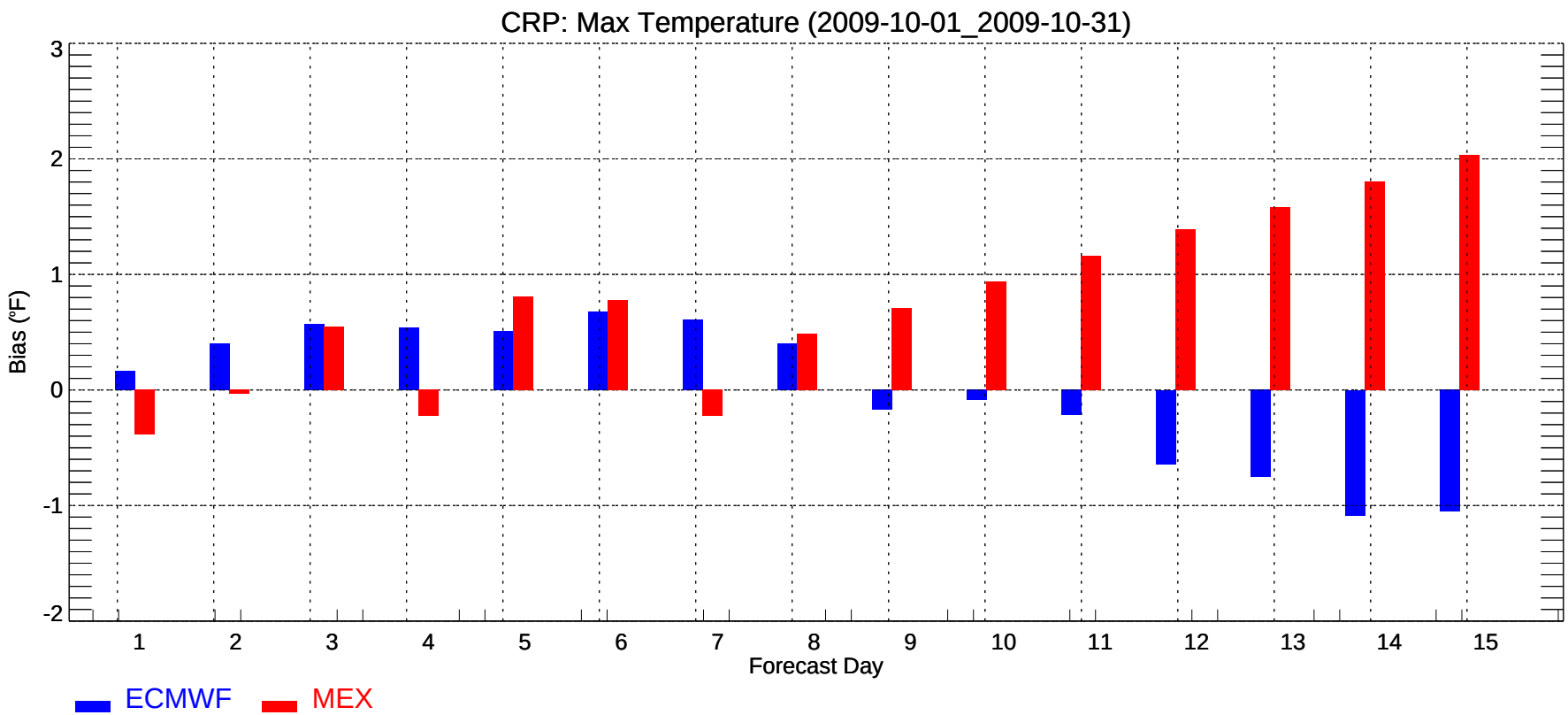

CQT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CQT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CQT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CQT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRP: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRP: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
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6
7
8
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10
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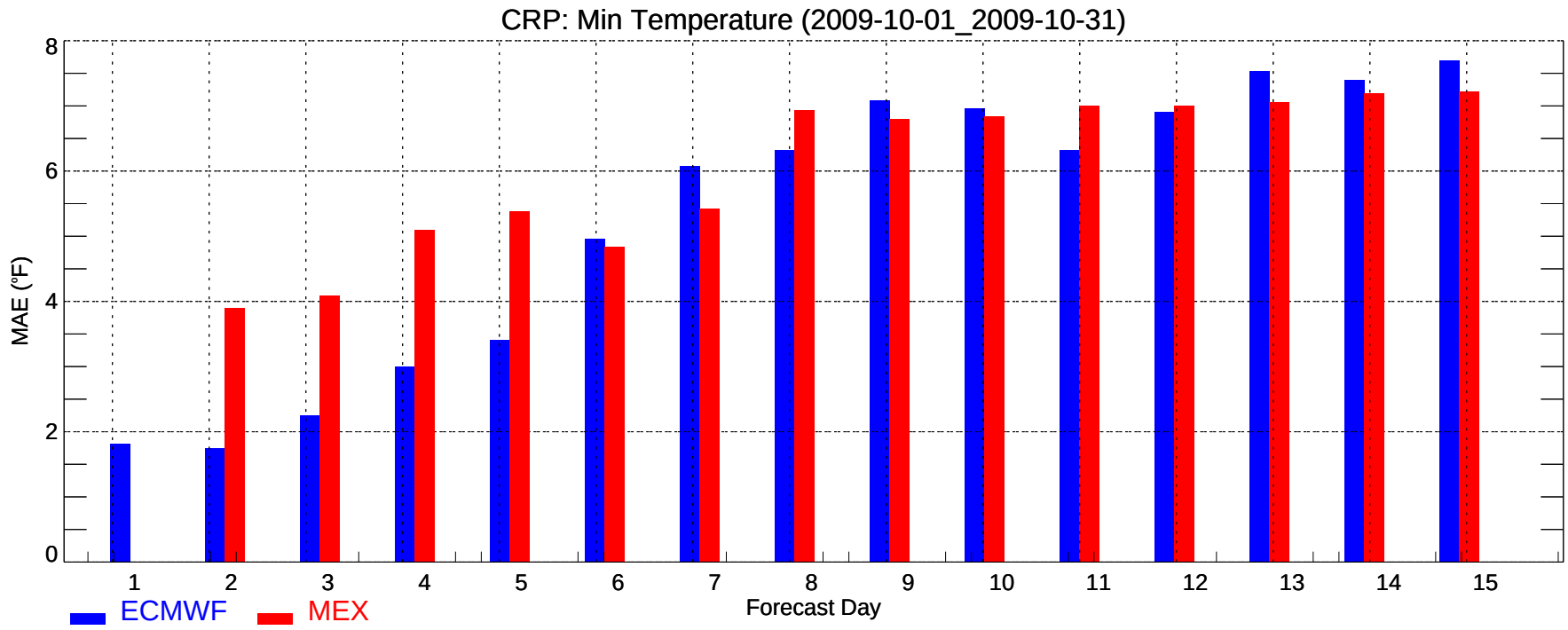
12
13
14
15
Forecast Day
ECMWF
MEX


CRP: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
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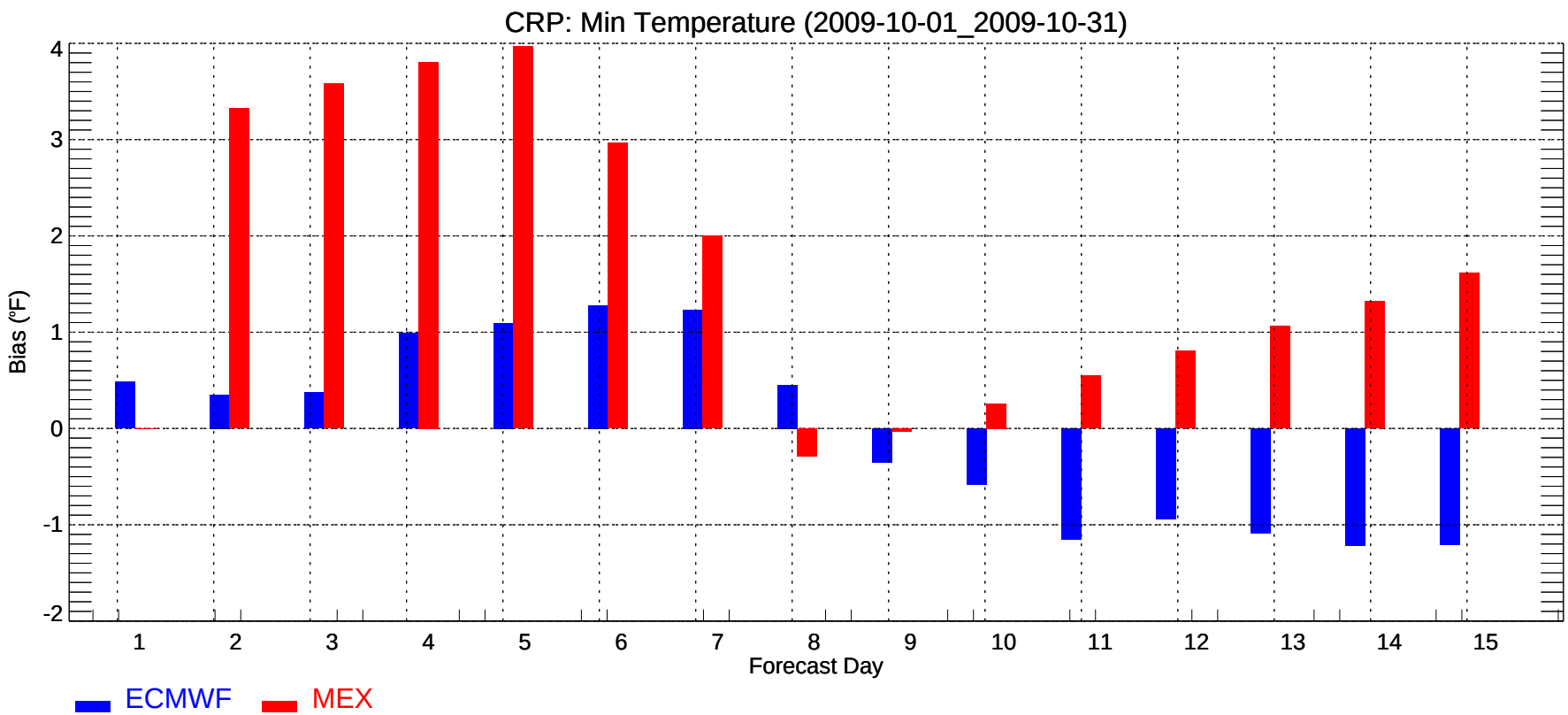
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRP: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
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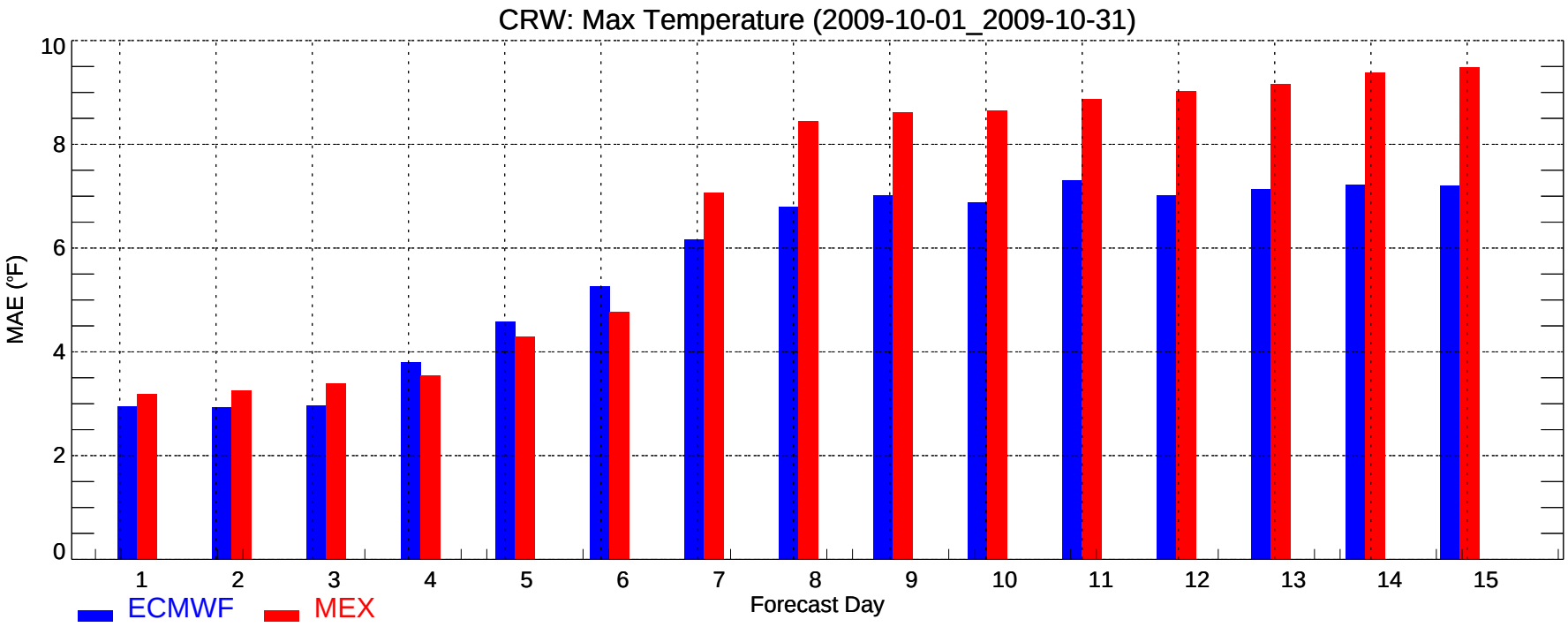
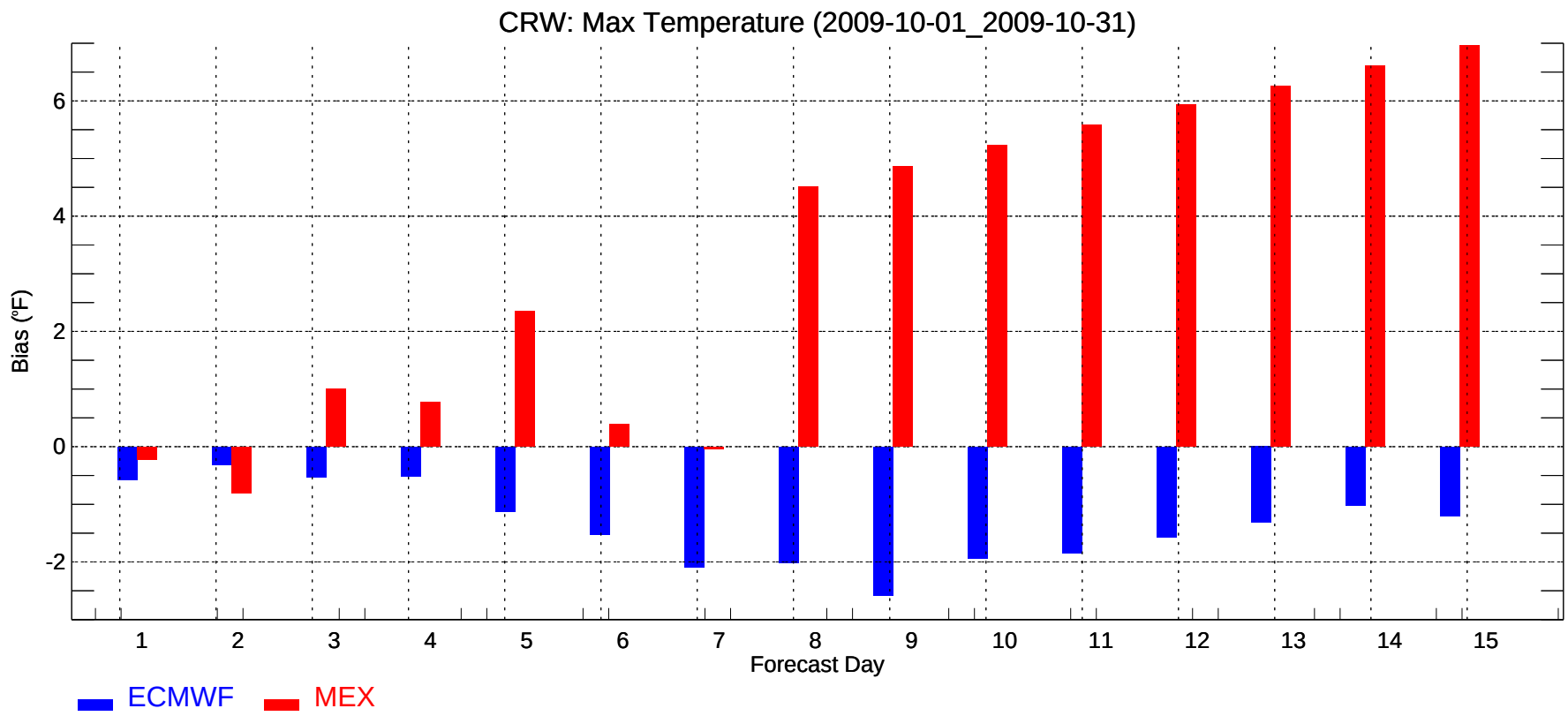
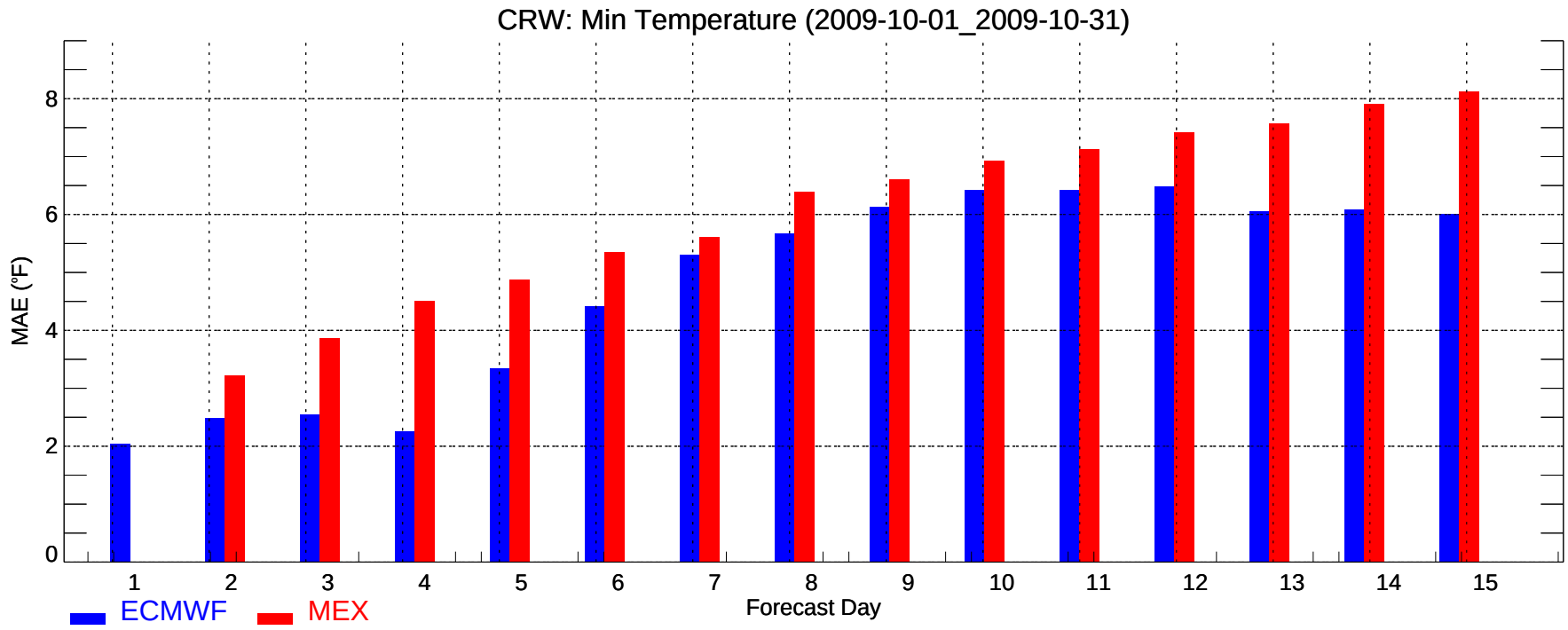
Forecast Day
ECMWF
MEX


CRW: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRW: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRW: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
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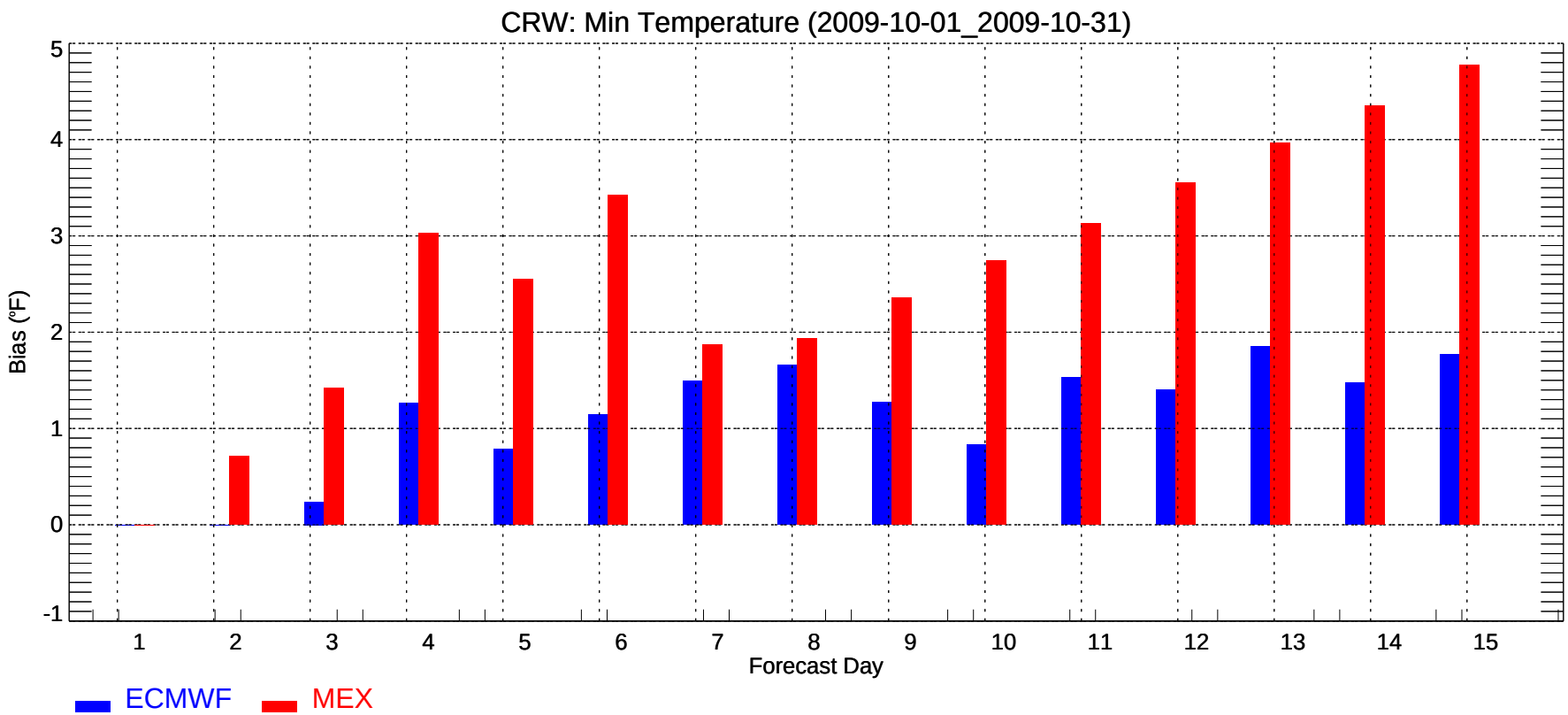
Forecast Day
ECMWF
MEX


CRW: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
5
1
2
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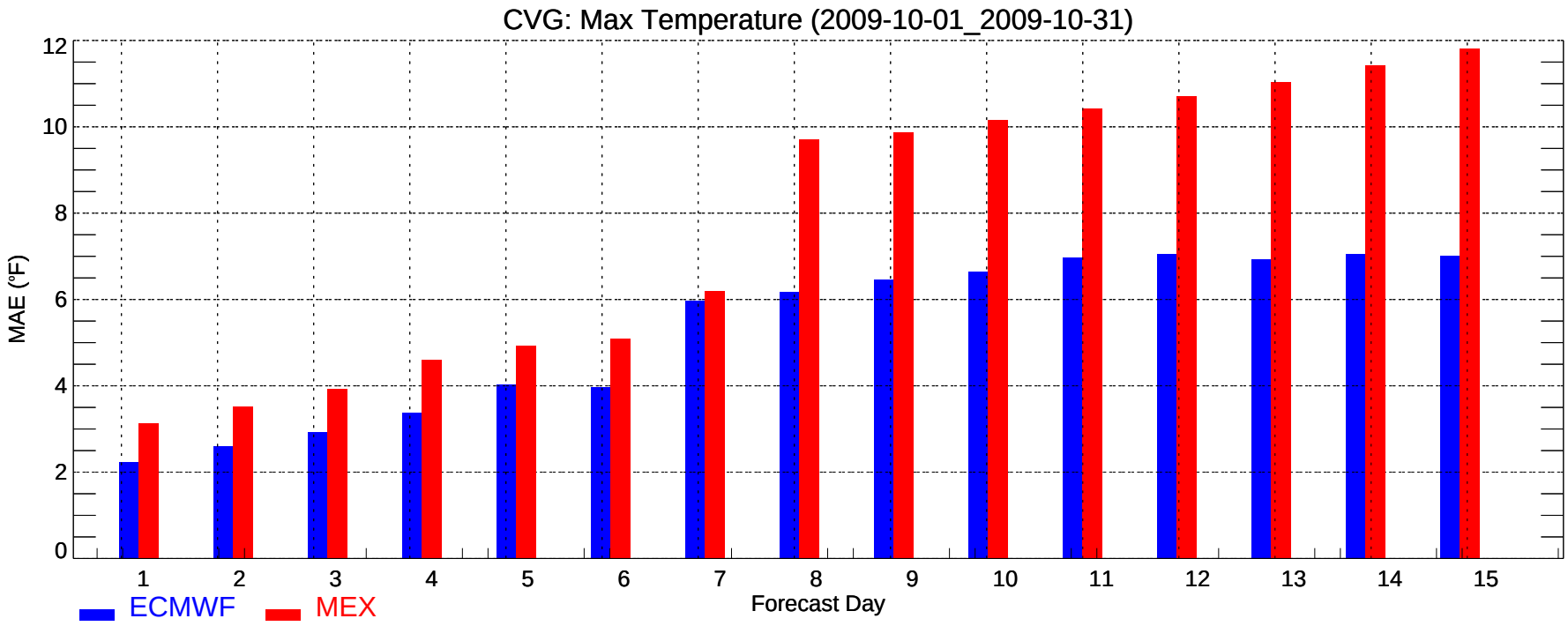
Forecast Day
ECMWF
MEX


CVG: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
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1
2
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6
7
8
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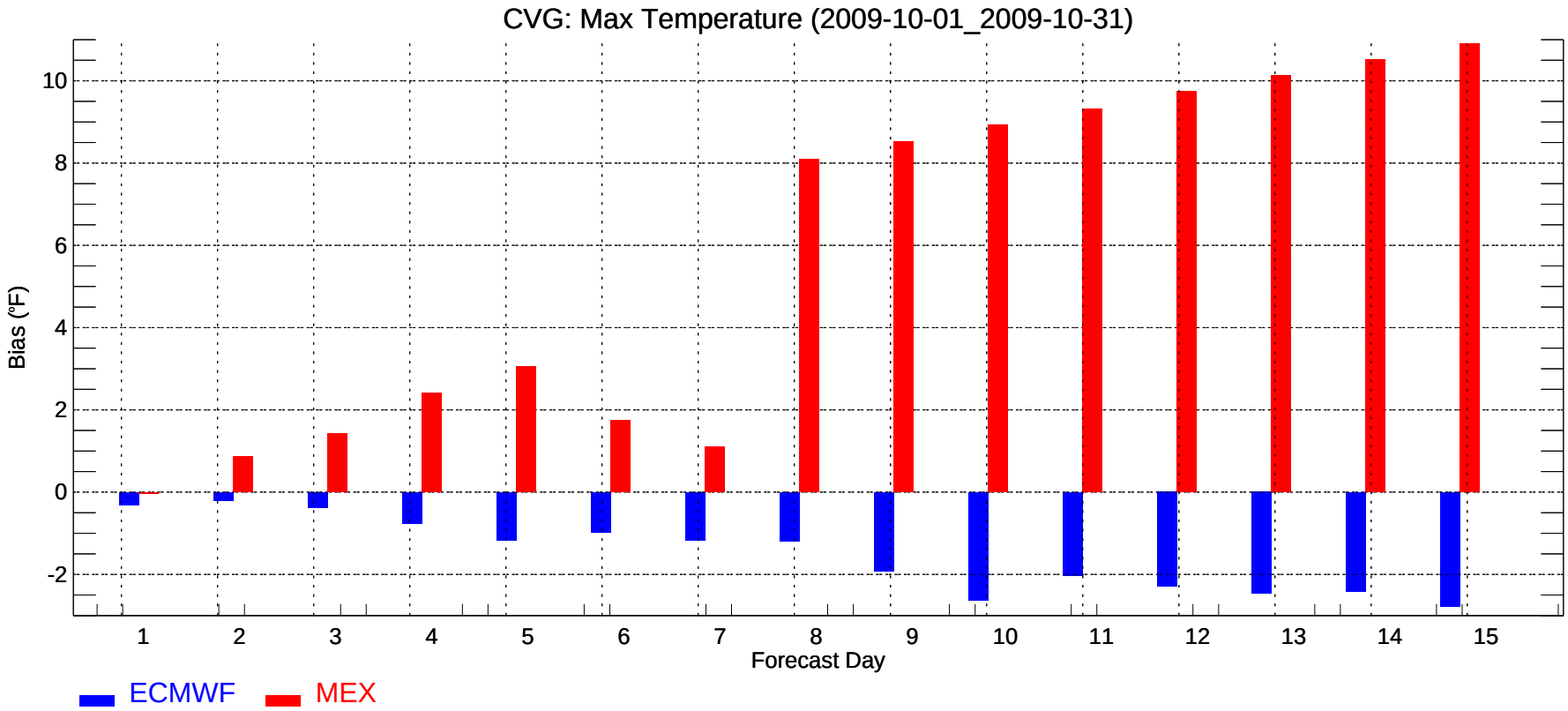
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CVG: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
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6
7
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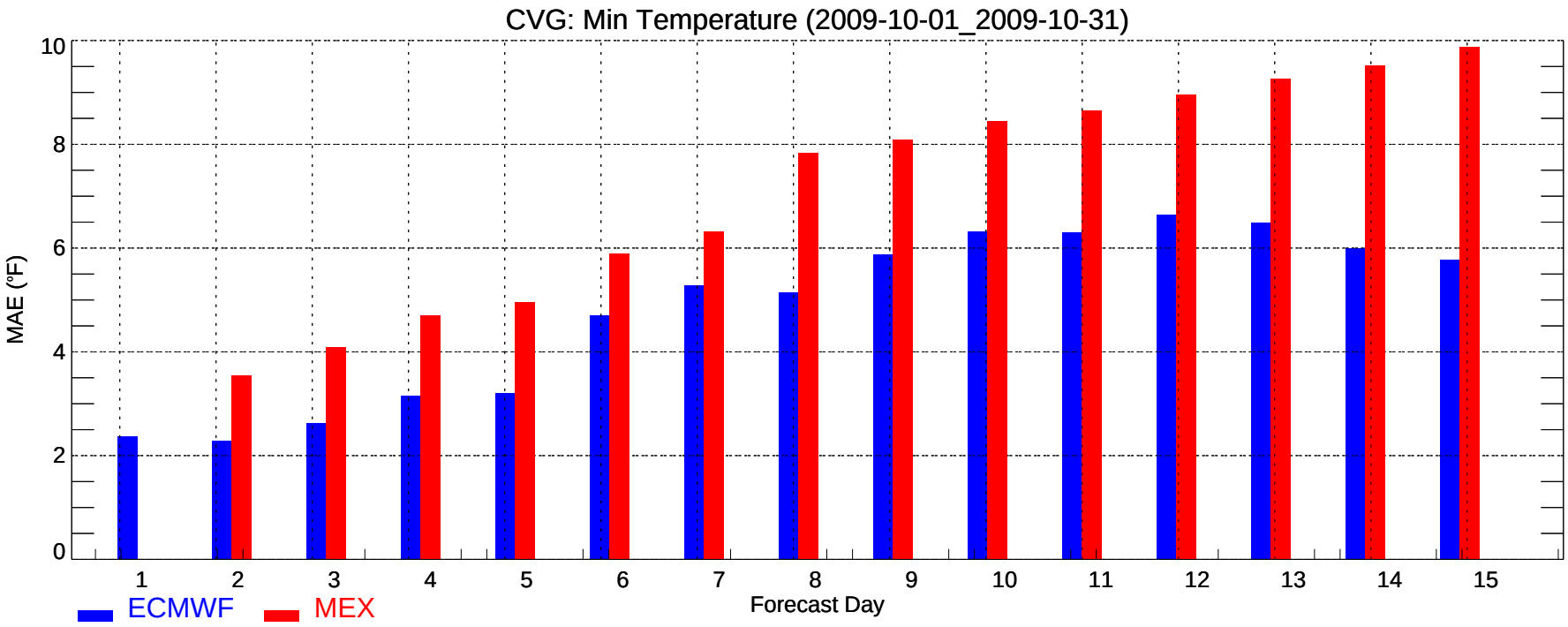
13
14
15
Forecast Day
ECMWF
MEX


CVG: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
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8
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14
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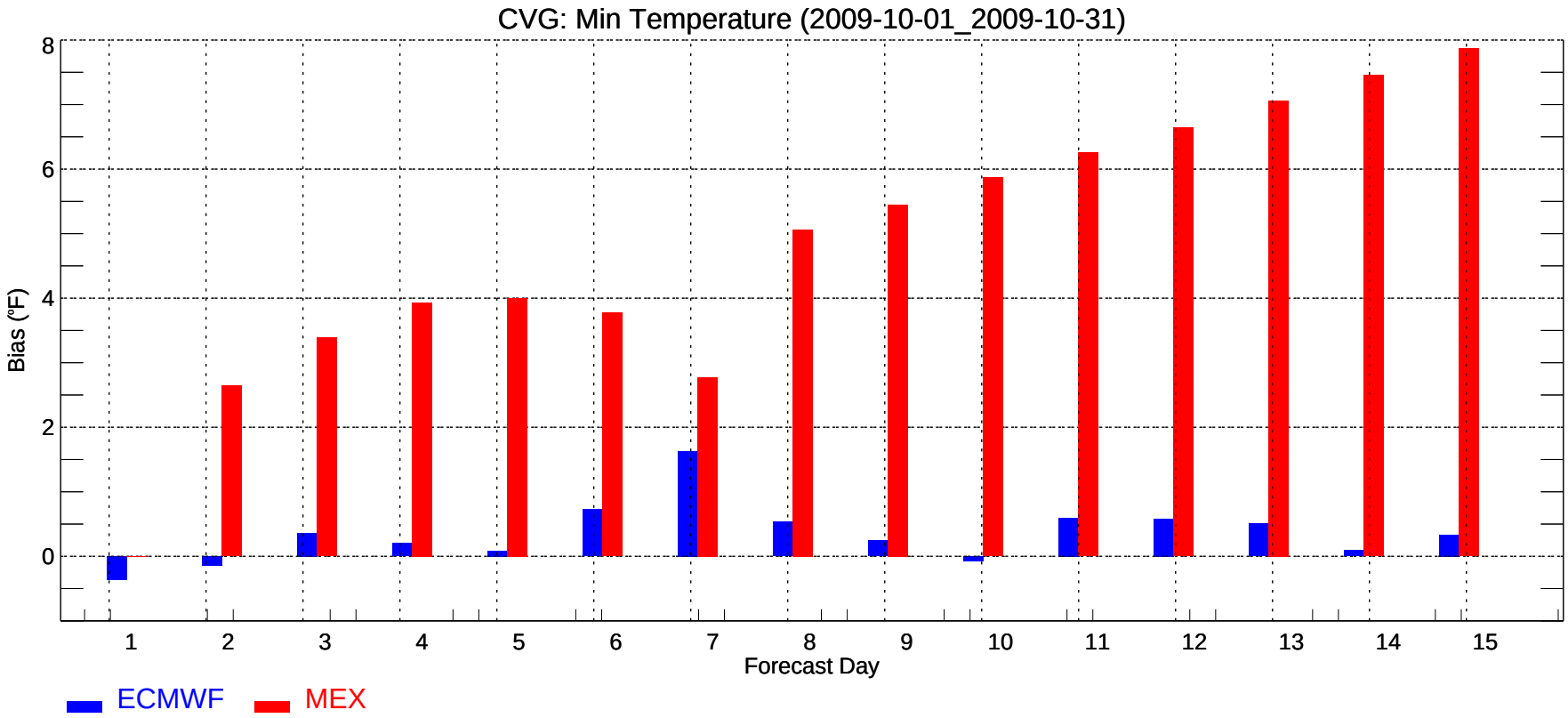
Forecast Day
ECMWF
MEX


CVG: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
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8
1
2
3
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6
7
8
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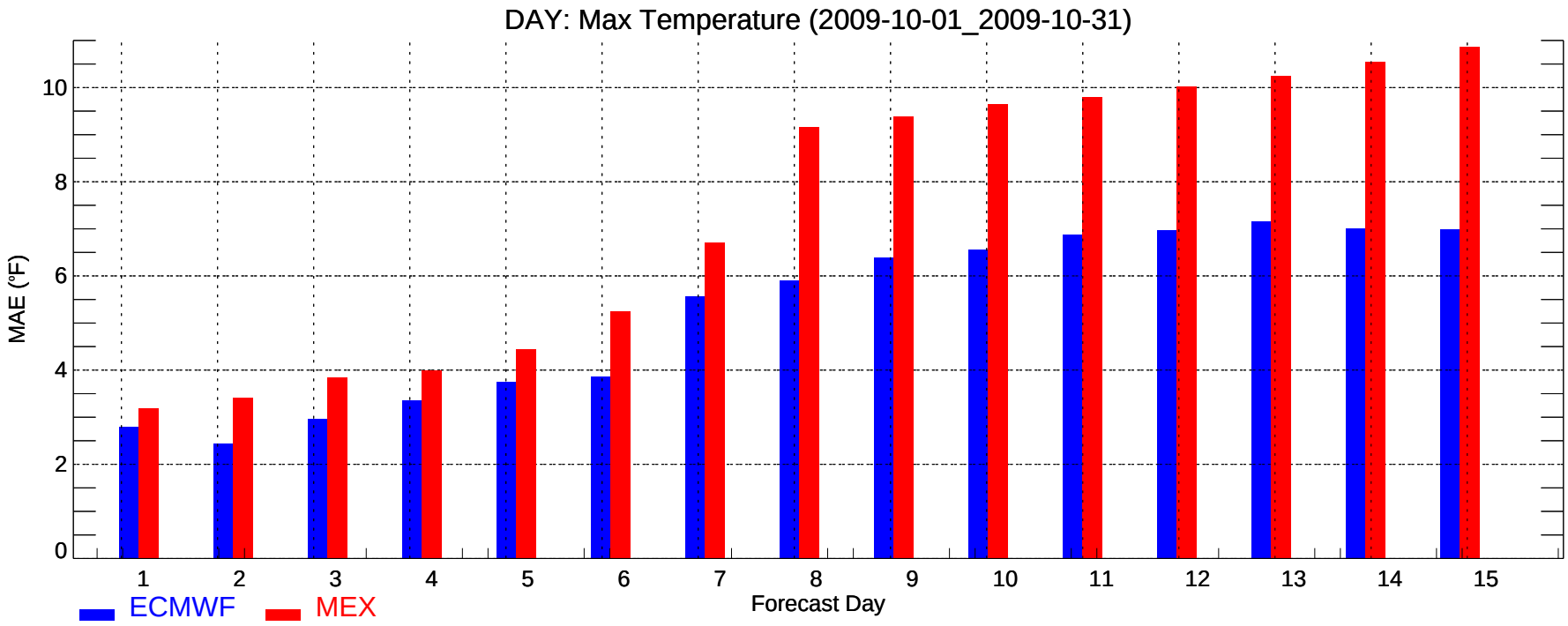
12
13
14
15
Forecast Day
ECMWF
MEX


DAY: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
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6
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8
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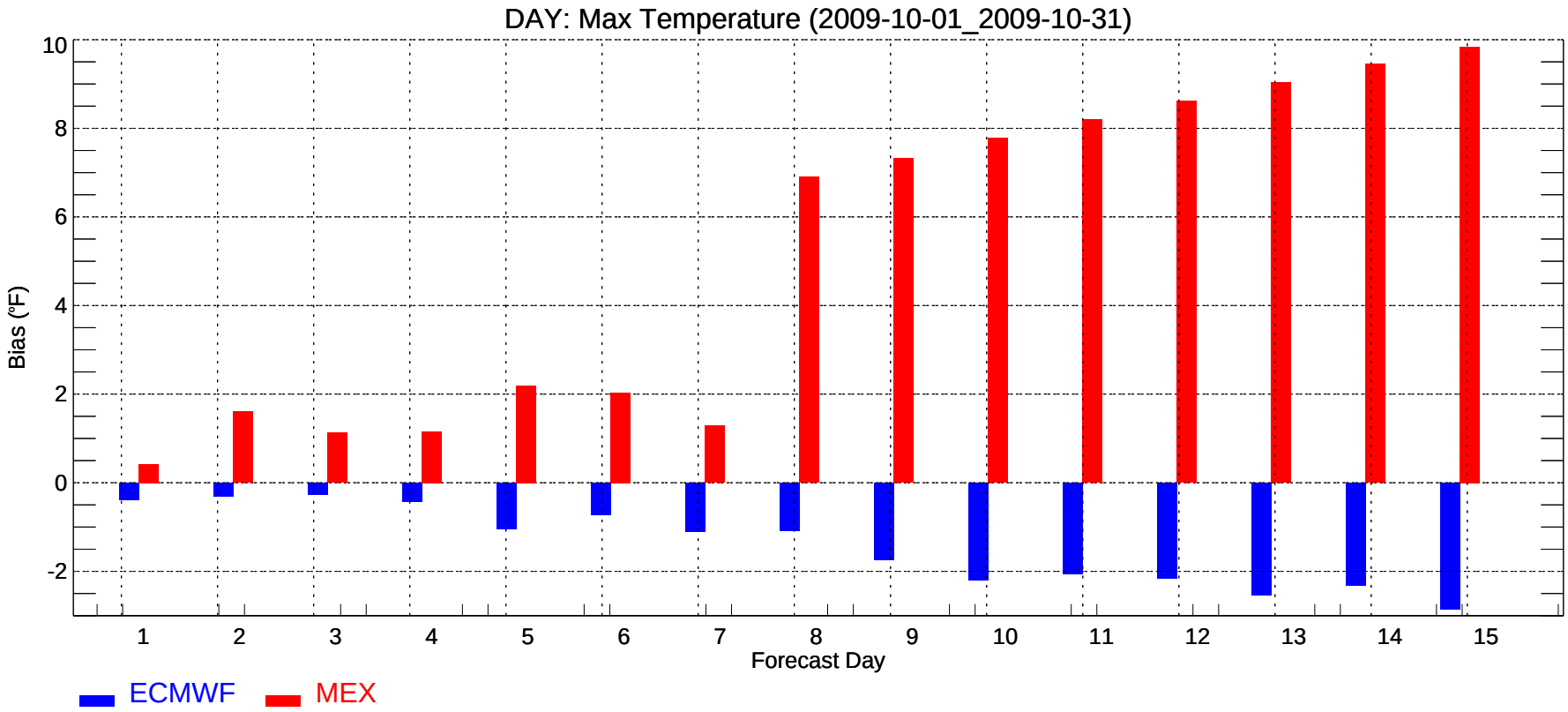
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DAY: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
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10
1
2
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12
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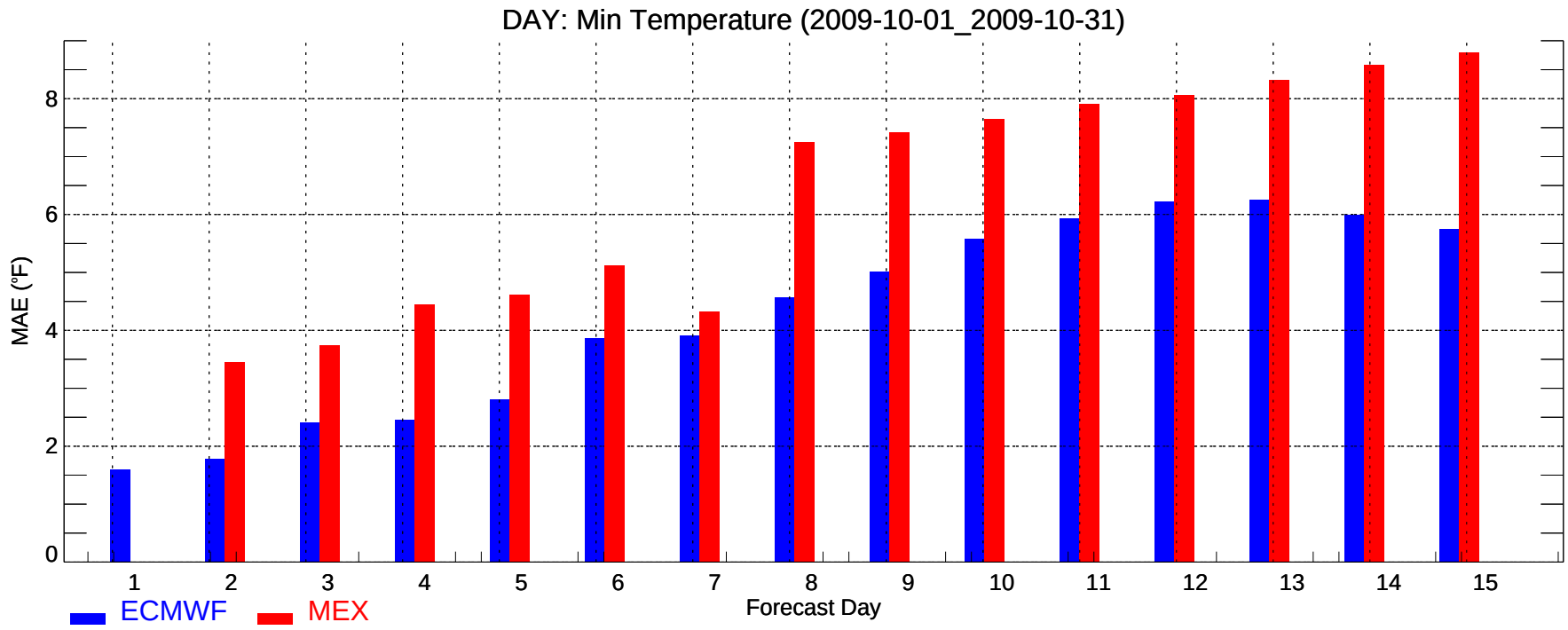
14
15
Forecast Day
ECMWF
MEX


DAY: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
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8
1
2
3
4
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6
7
8
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11
12
13
14
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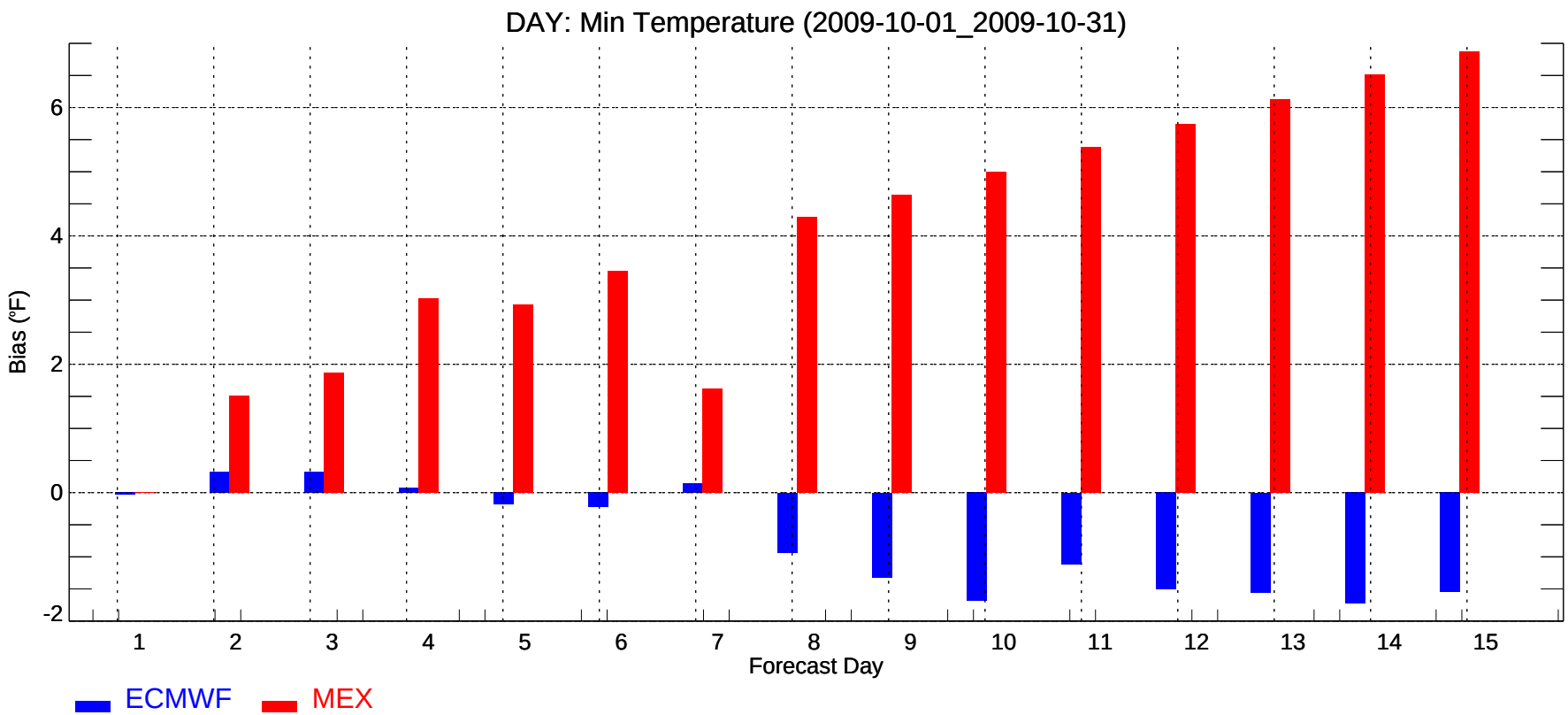
Forecast Day
ECMWF
MEX


DAY: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
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10
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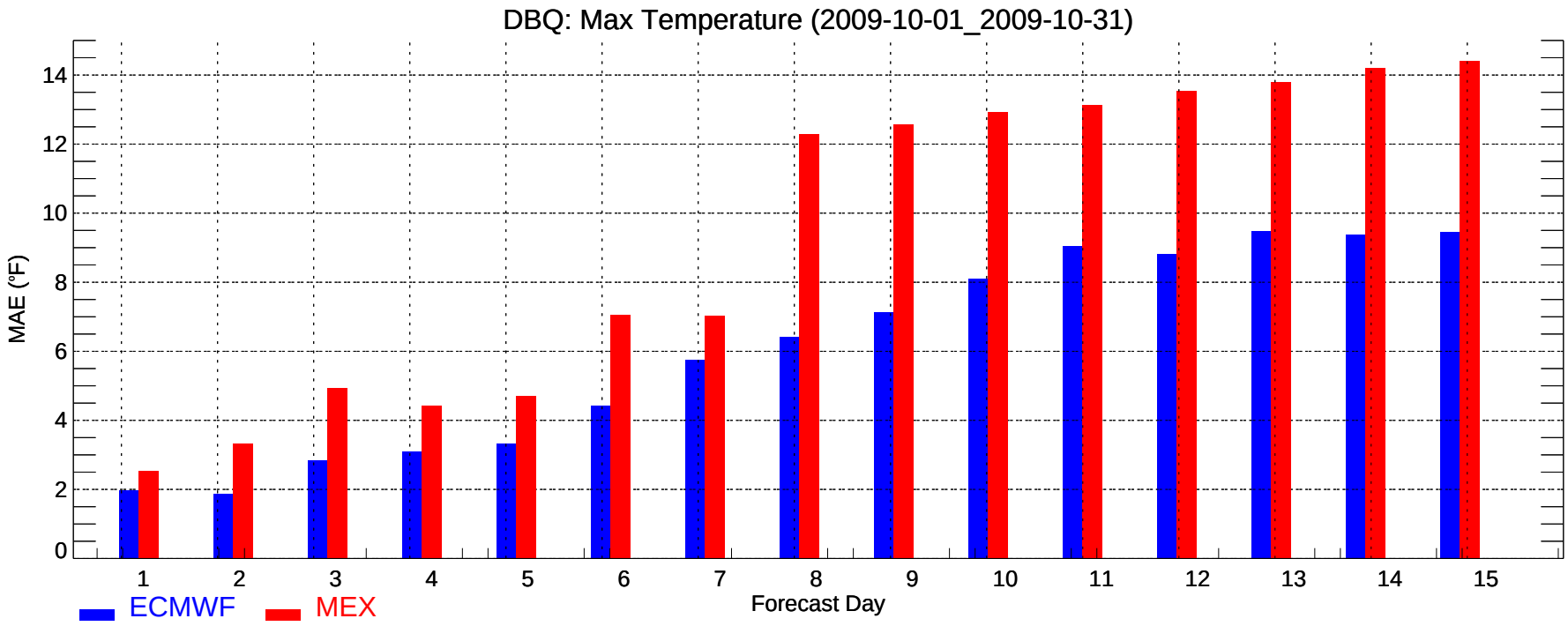
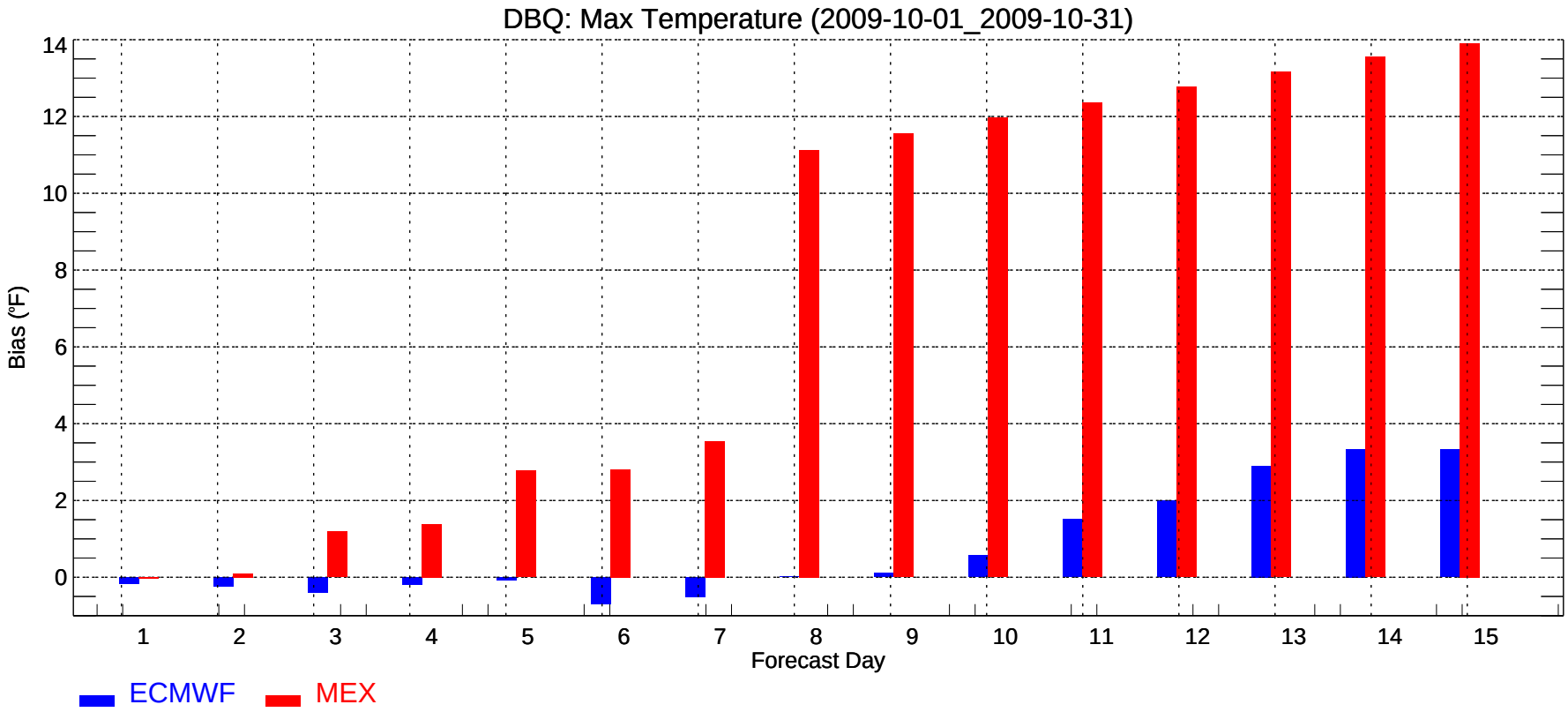
12
13
14
15
Forecast Day
ECMWF
MEX


DBQ: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DBQ: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
12
14
1
2
3
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6
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8
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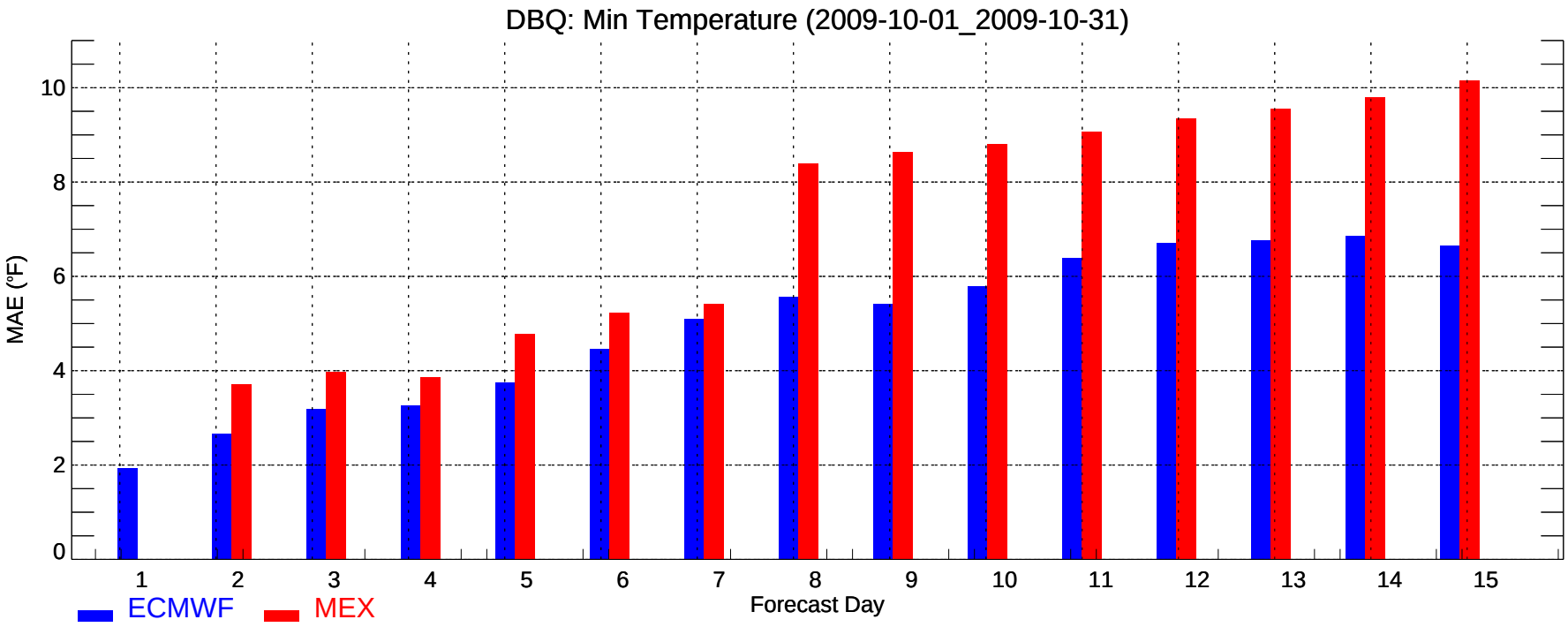
12
13
14
15
Forecast Day
ECMWF
MEX


DBQ: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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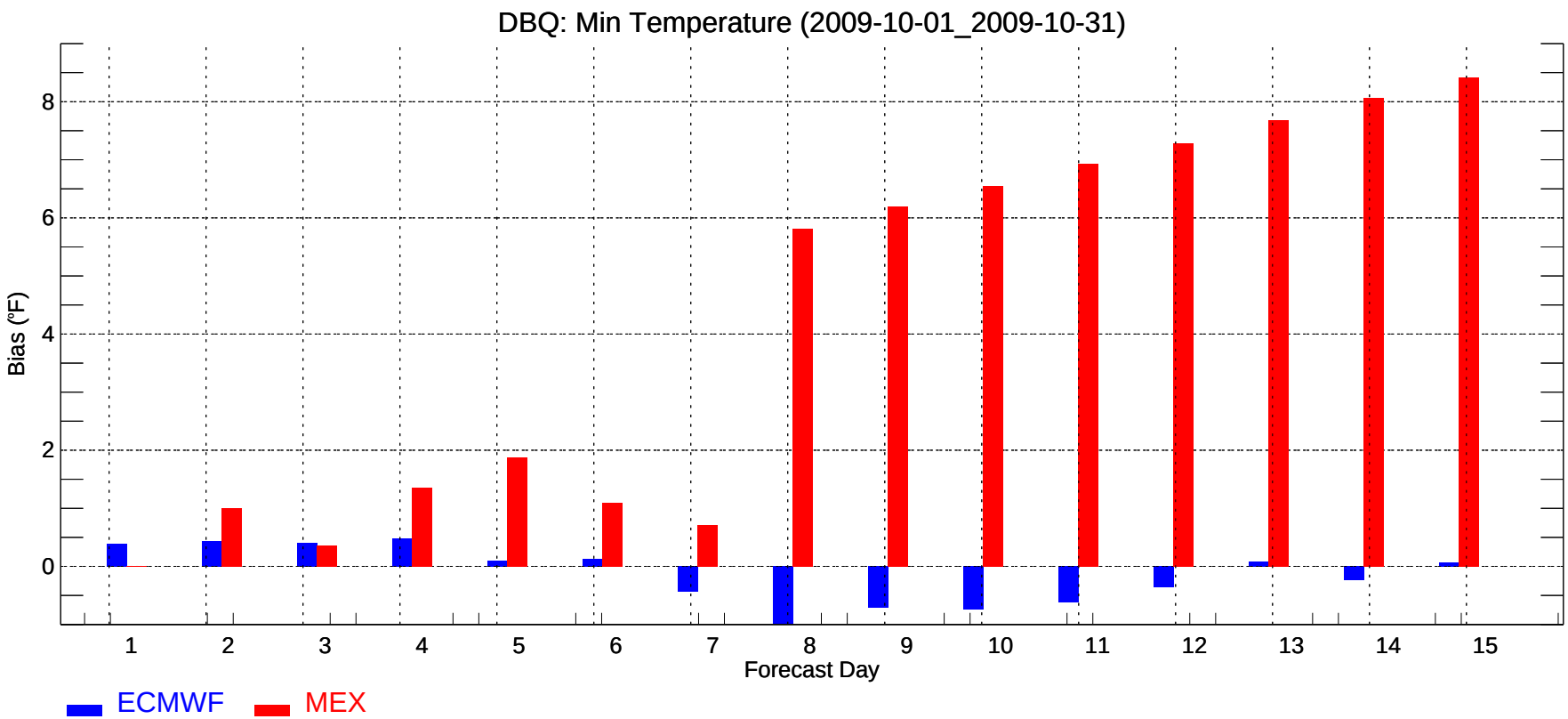
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DBQ: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
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6
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8
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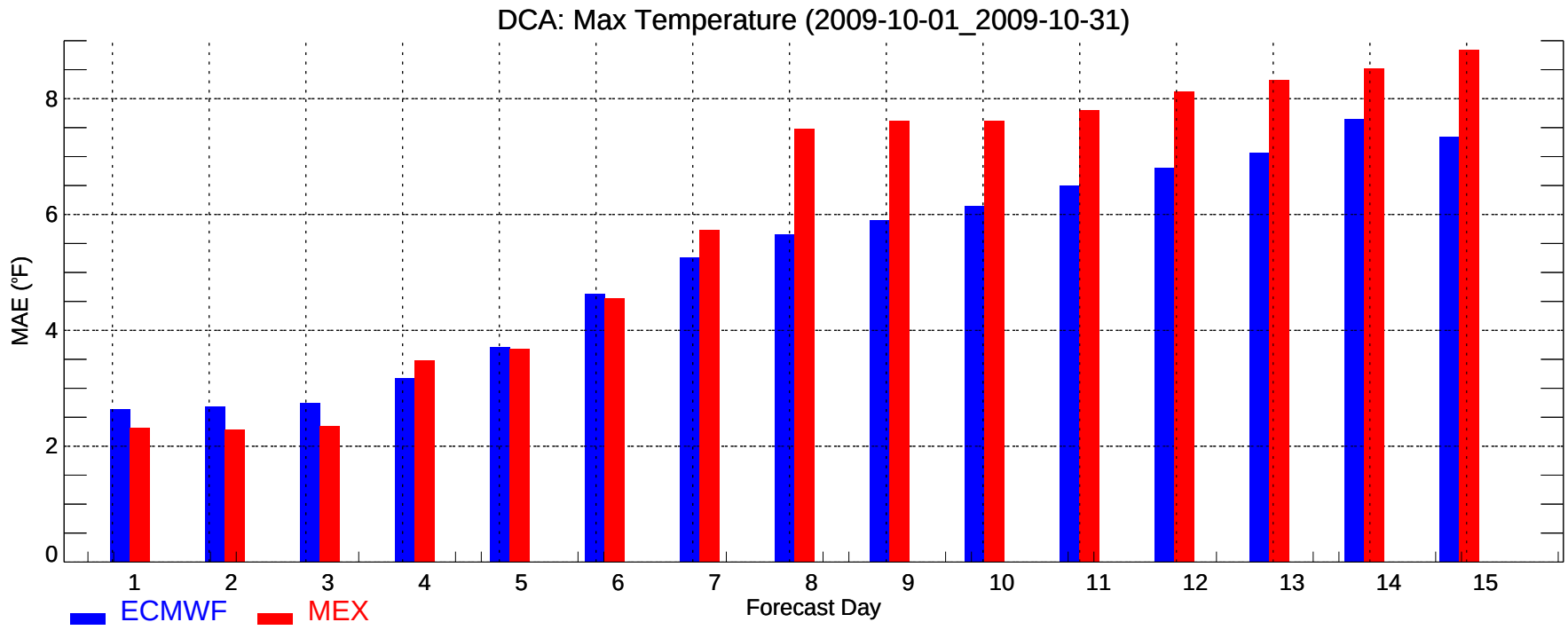
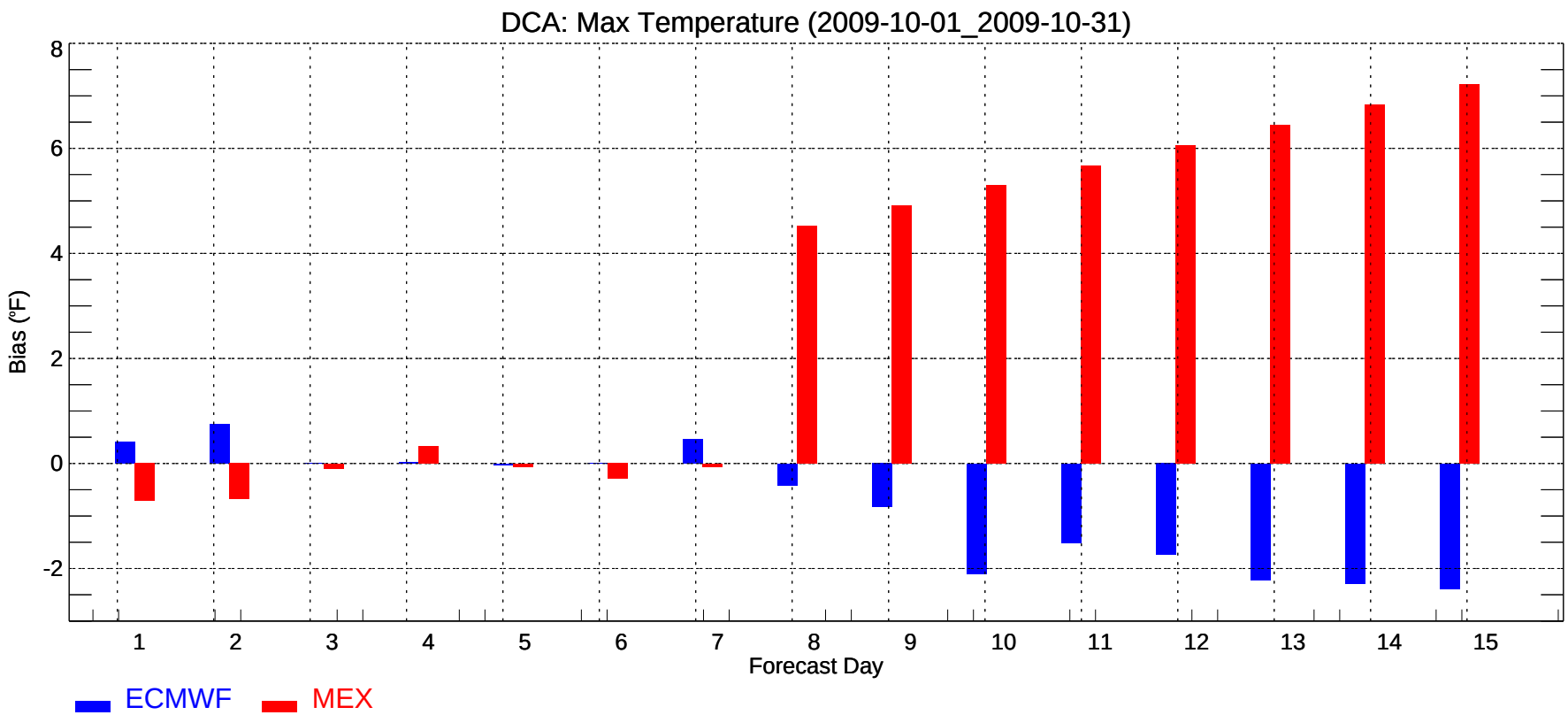
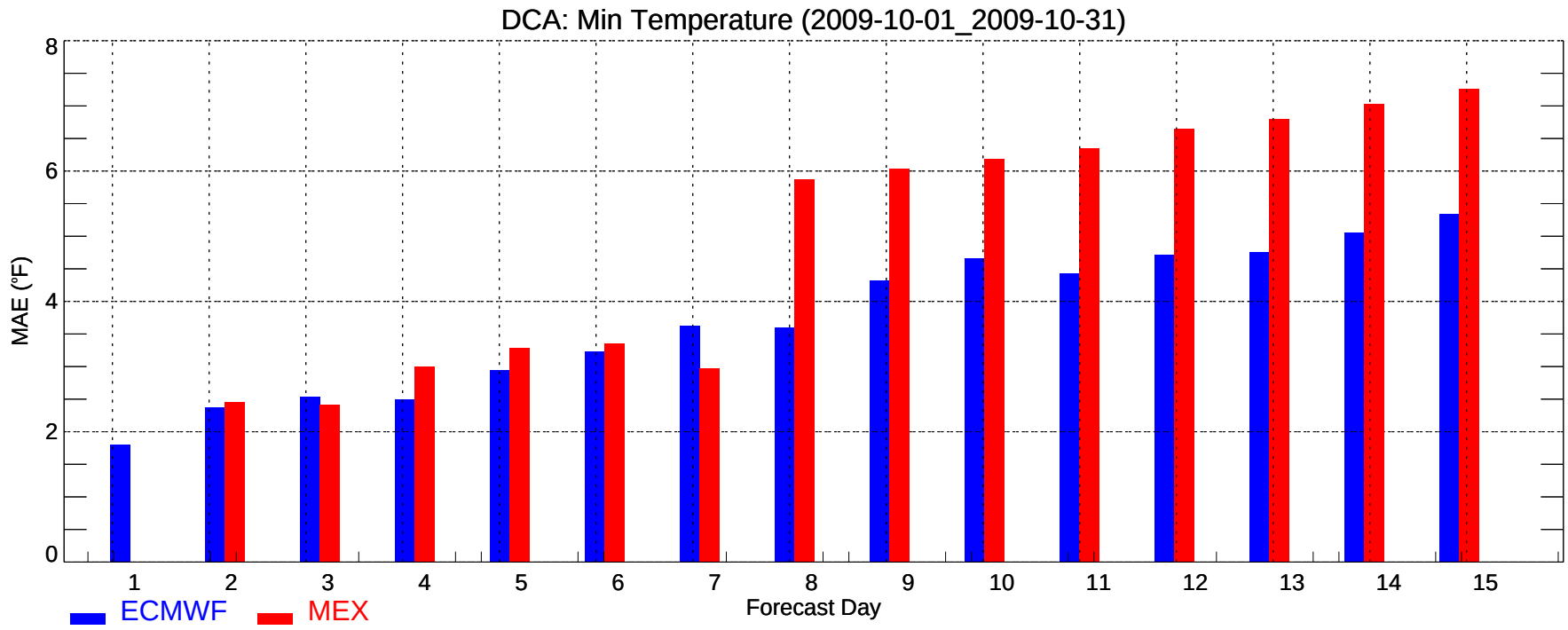
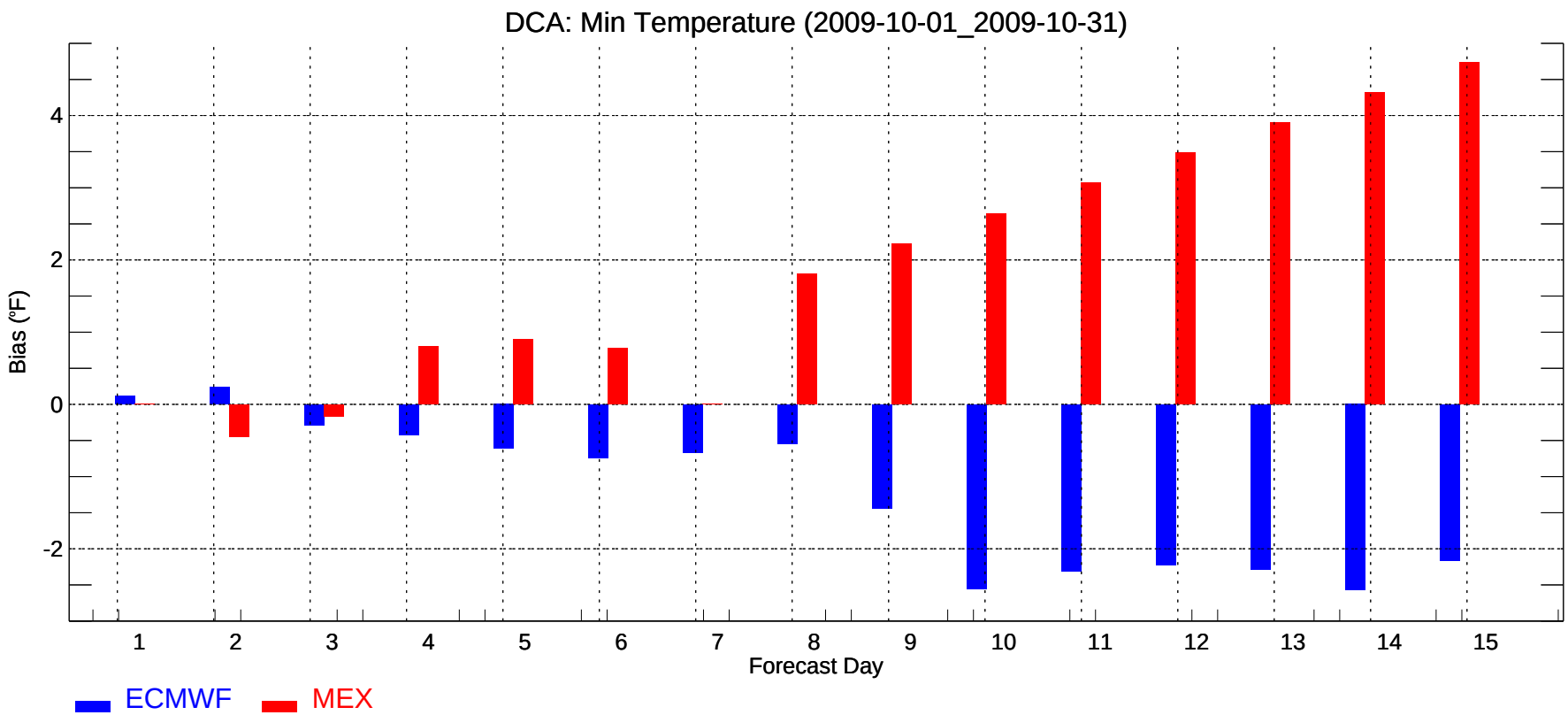
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DCA: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DCA: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
8
6
4
2
0
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DCA: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DCA: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
1
2
3
4
5
6
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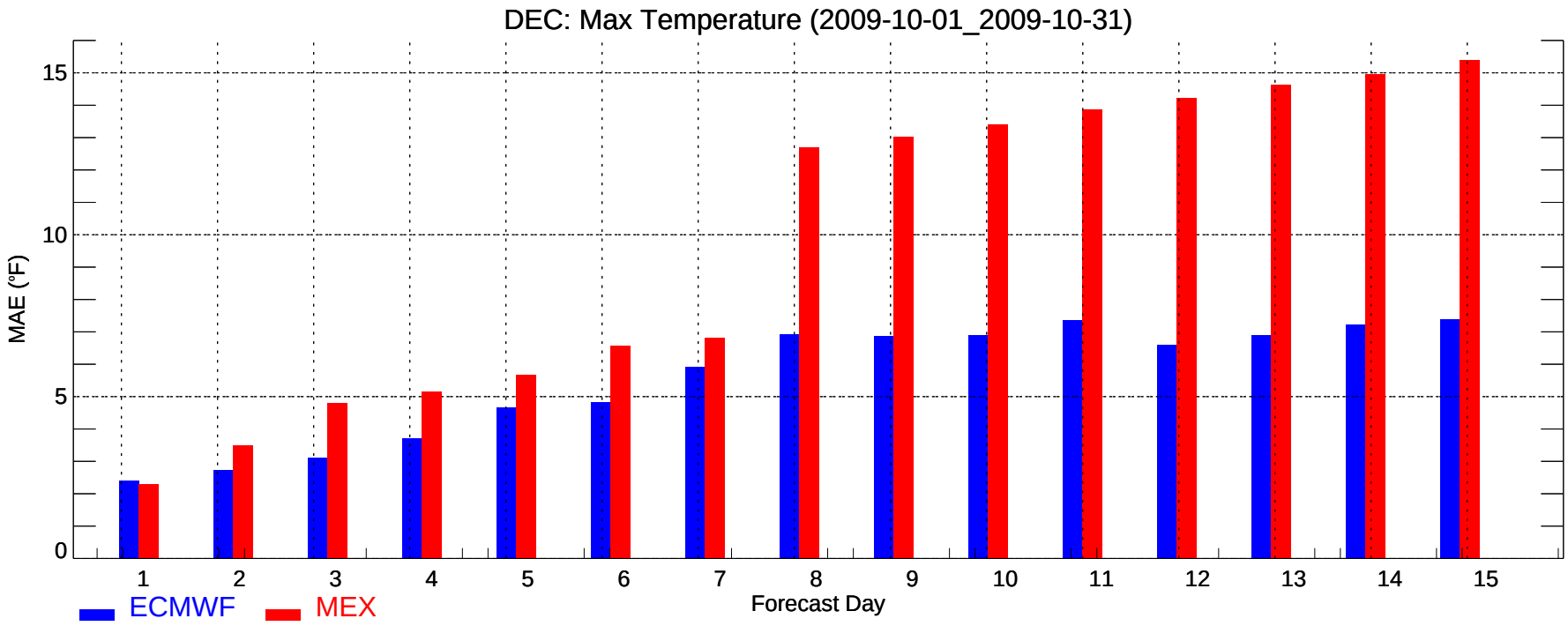
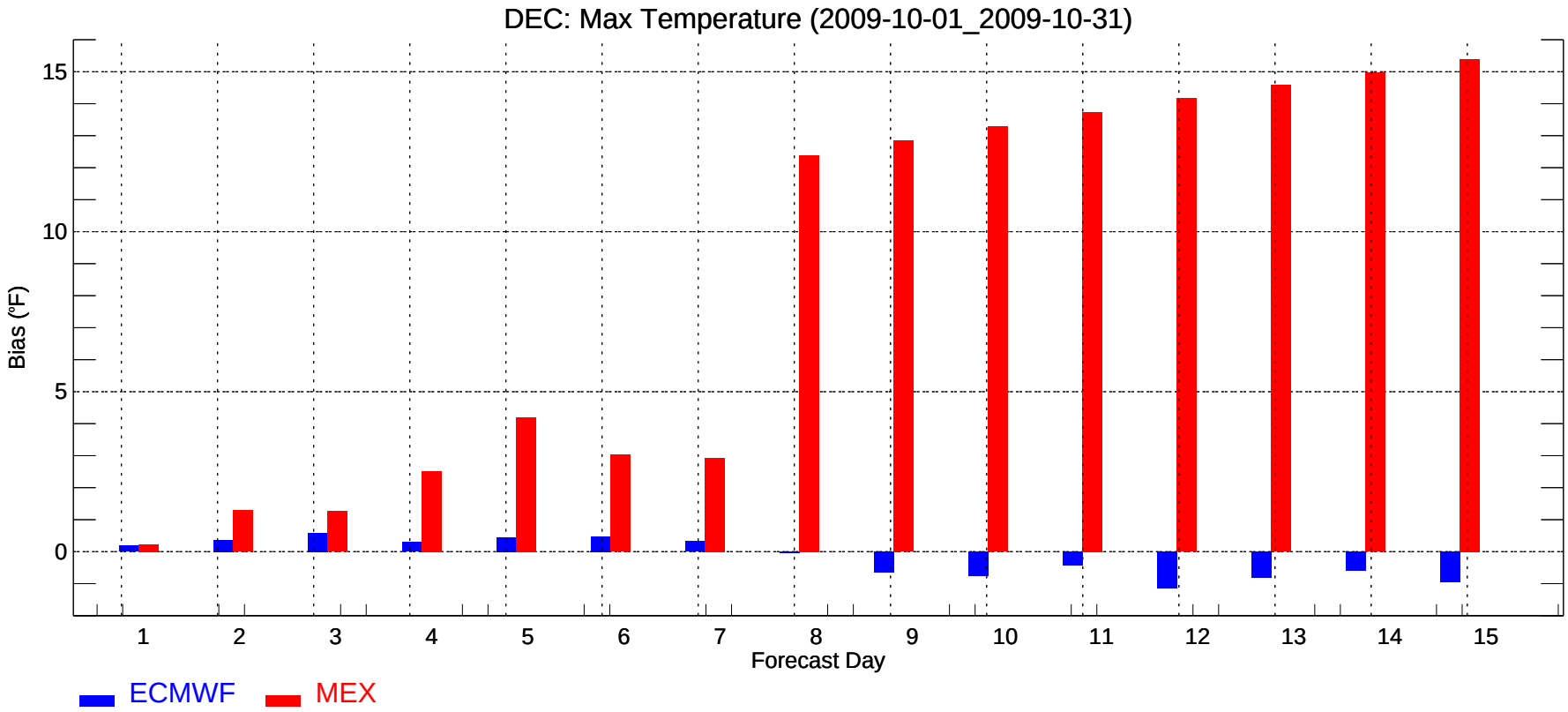
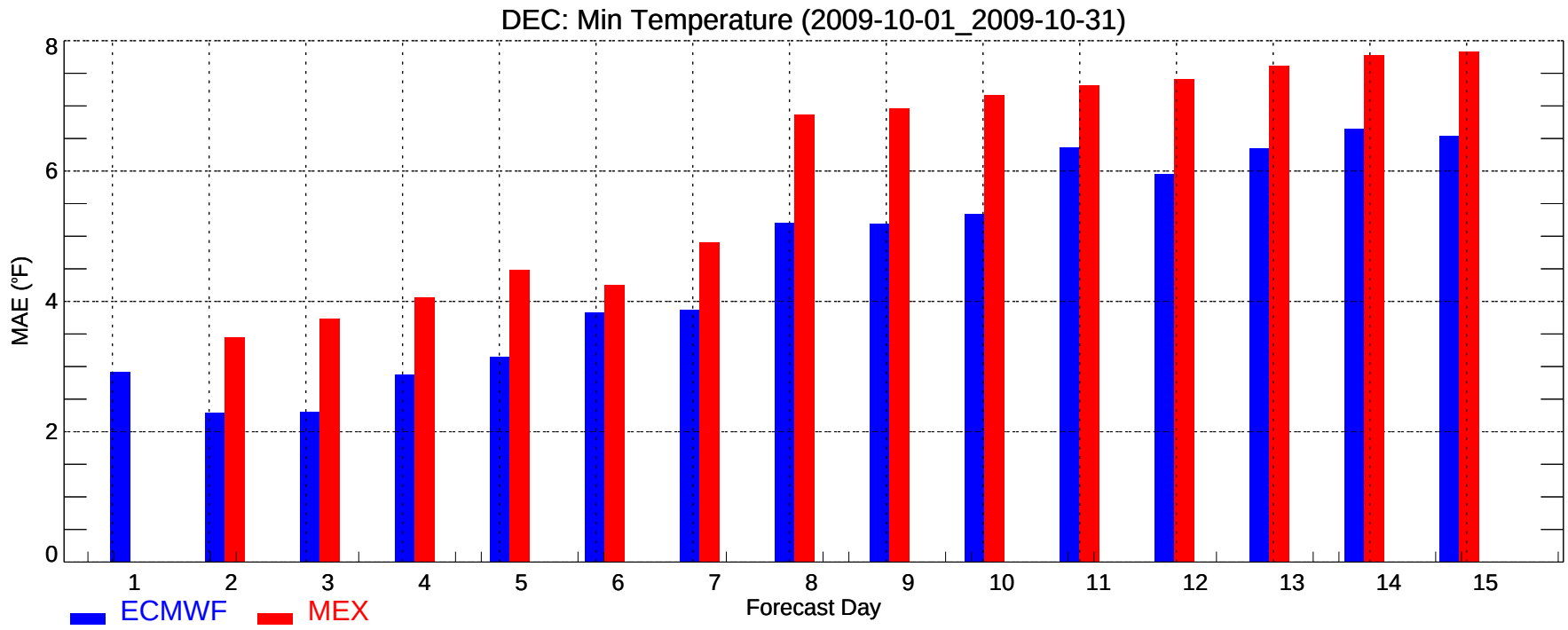
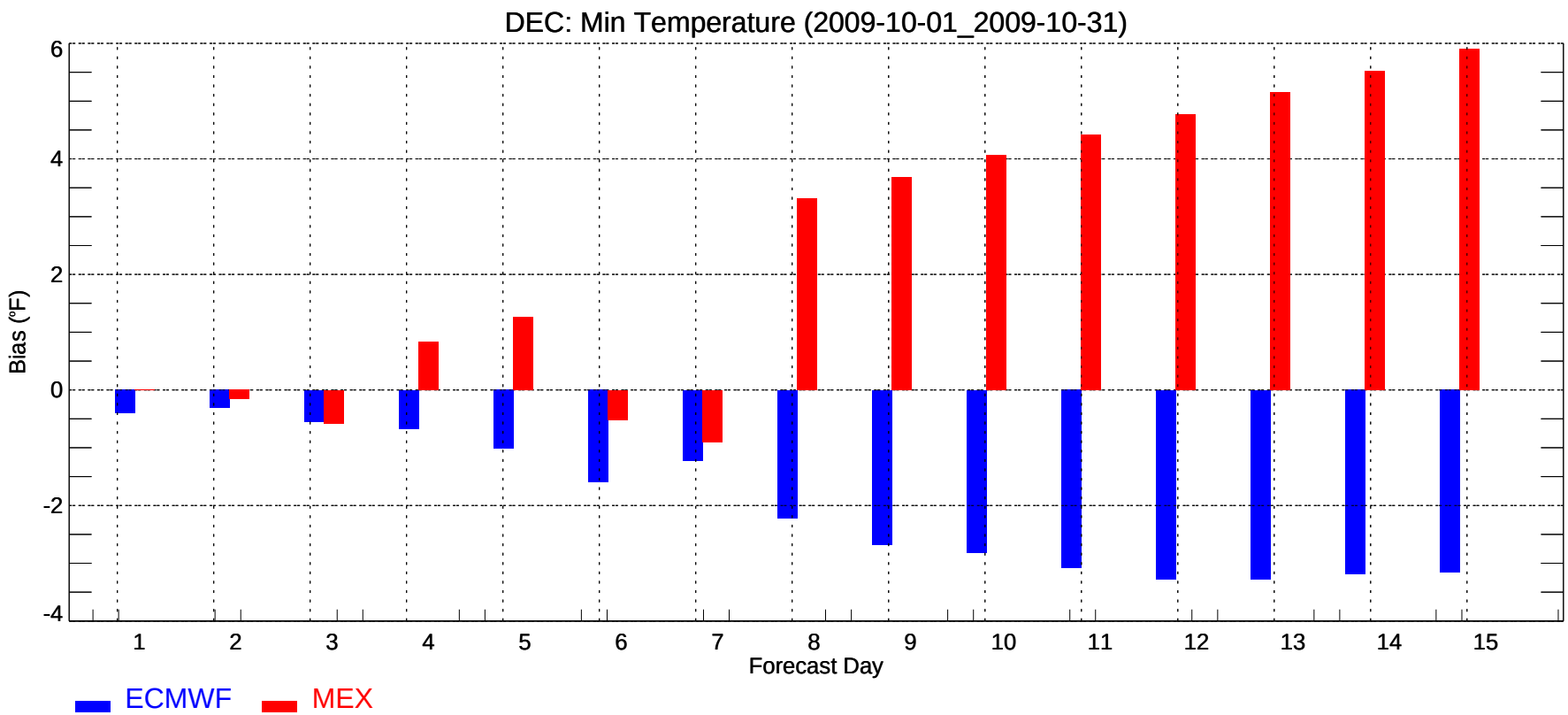
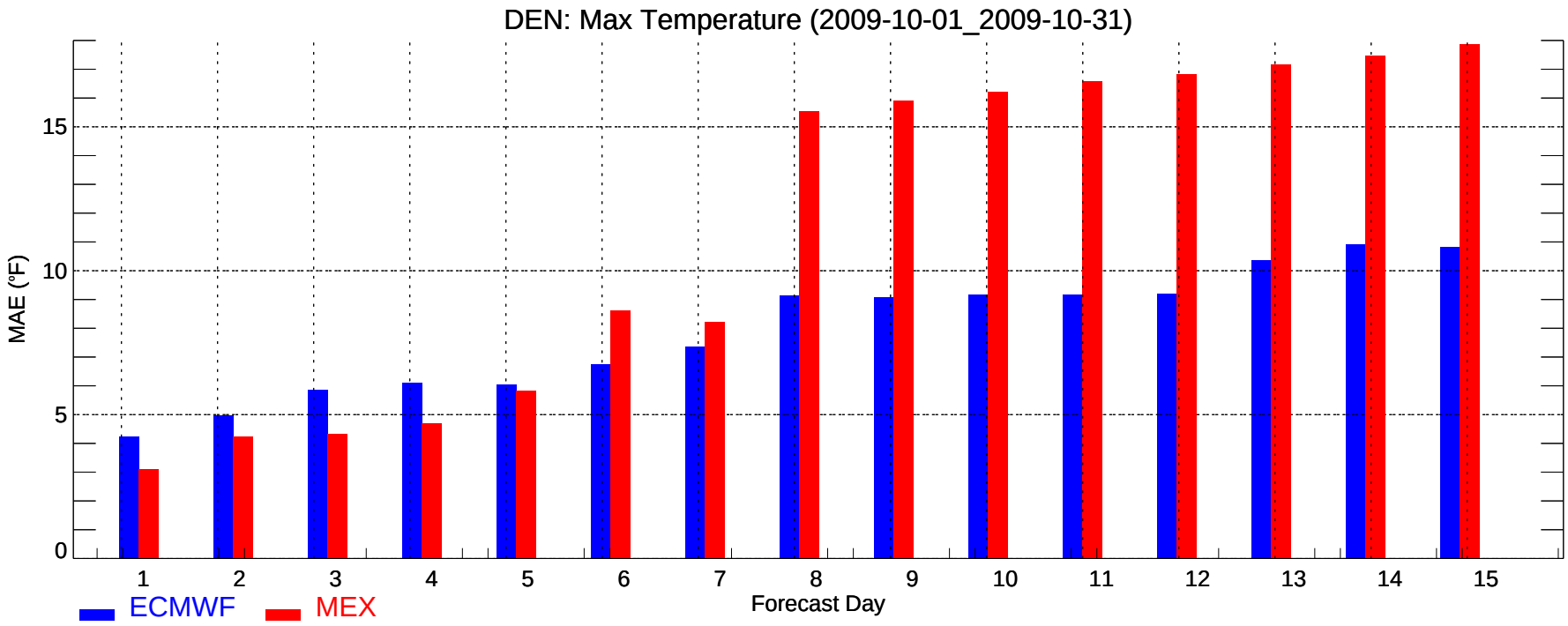
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

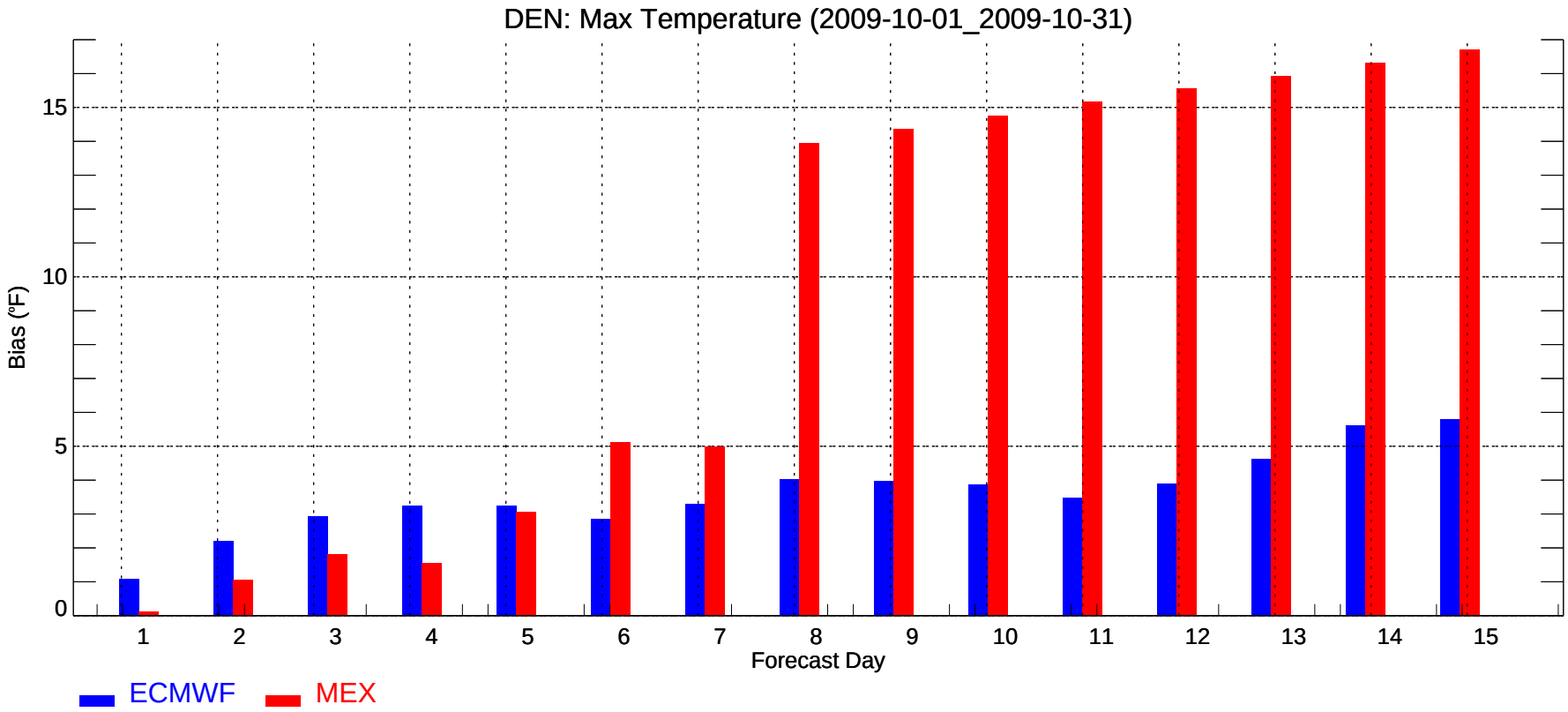

DEC: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

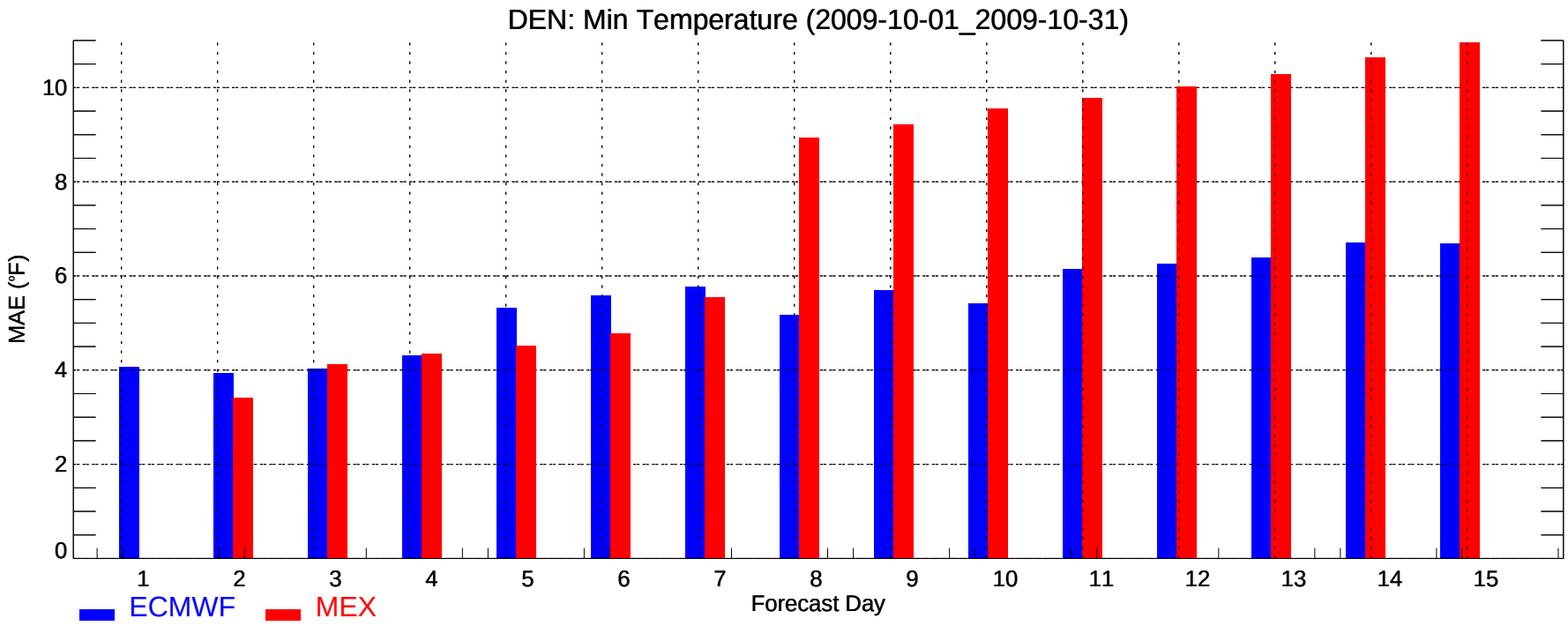

DEC: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

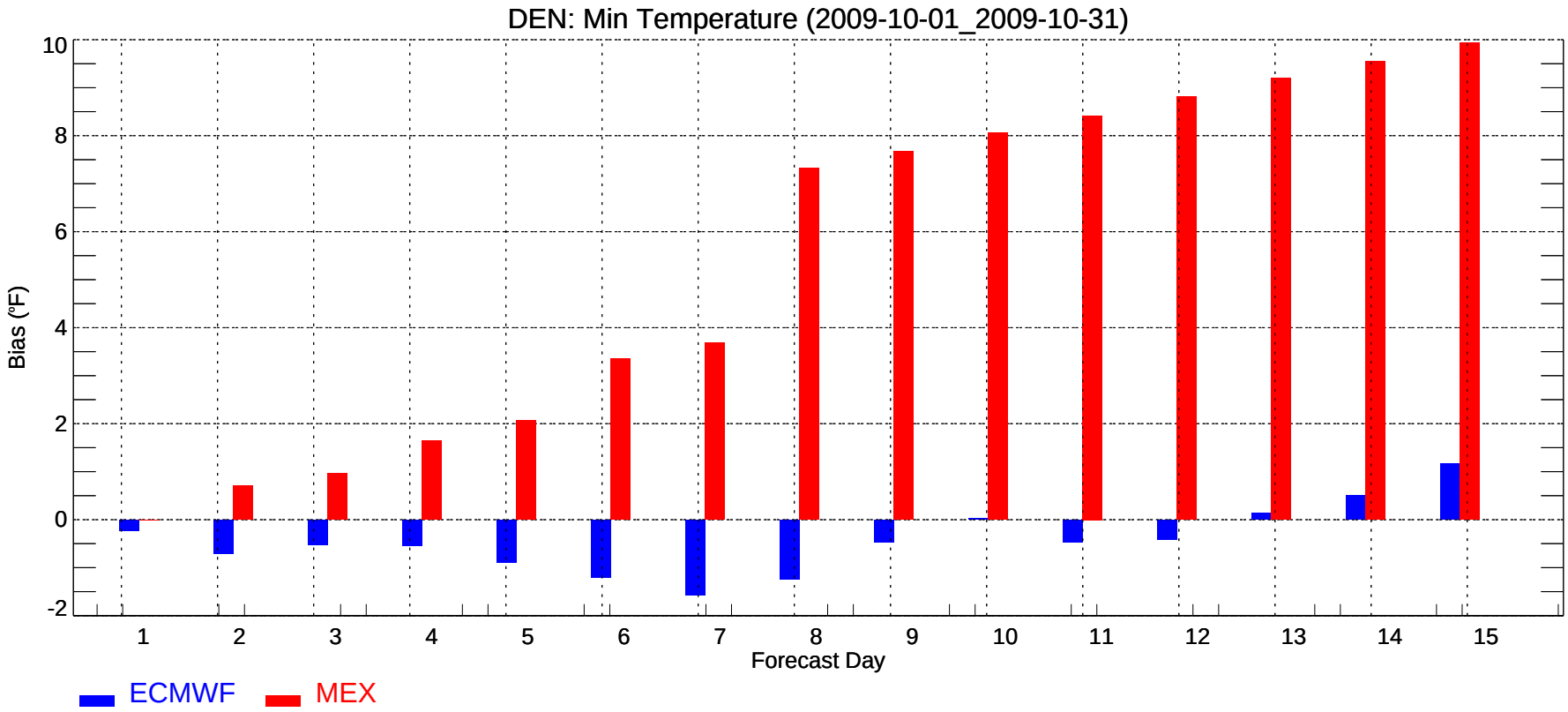

DEC: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DEC: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DEN: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DEN: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DEN: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DEN: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
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8
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10
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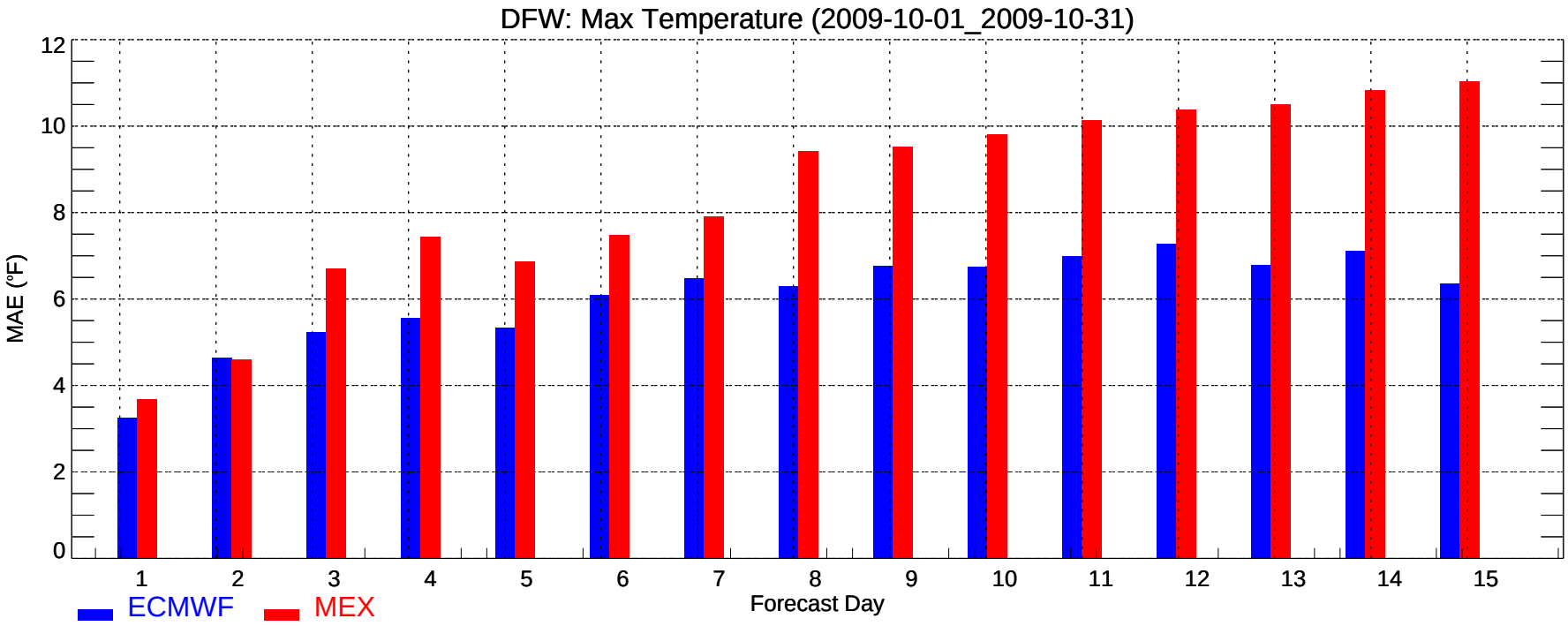
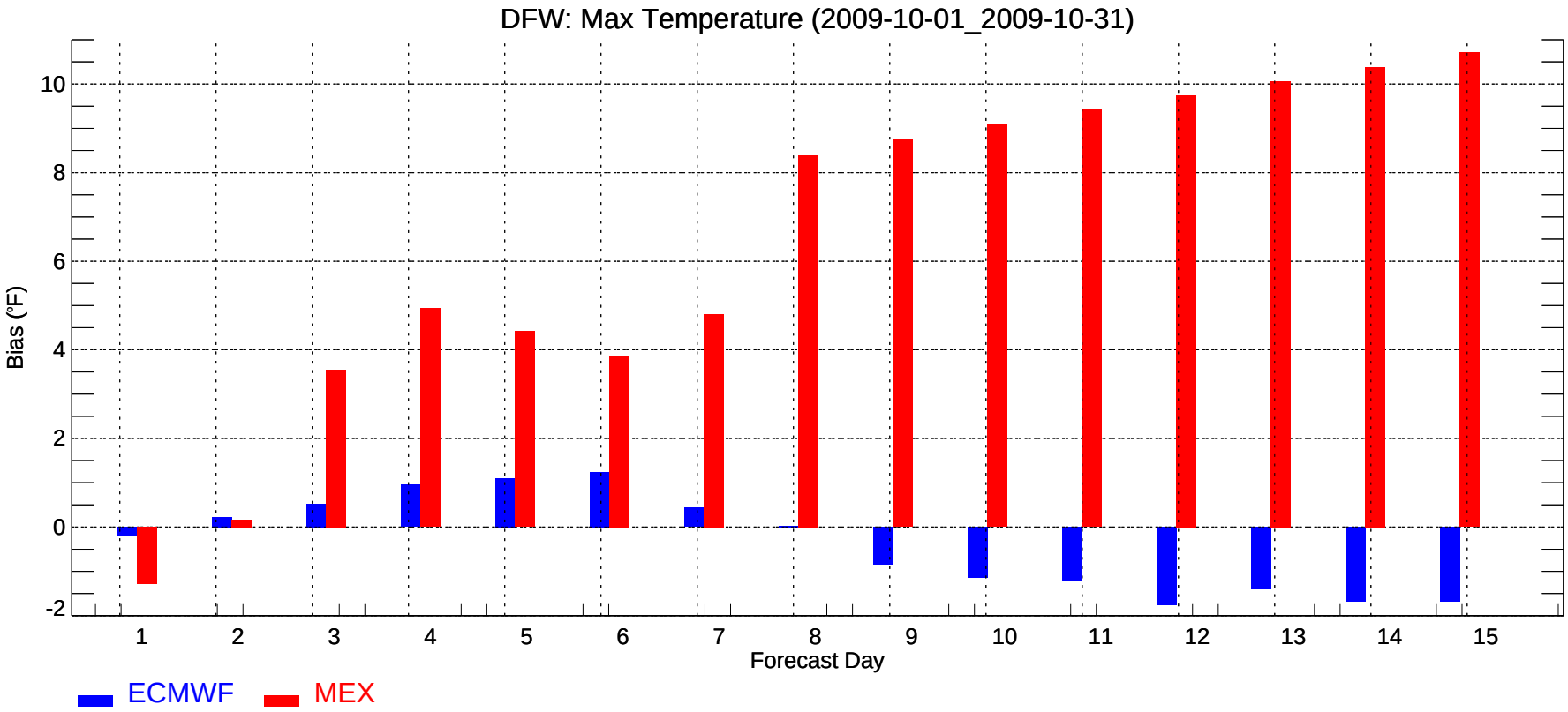
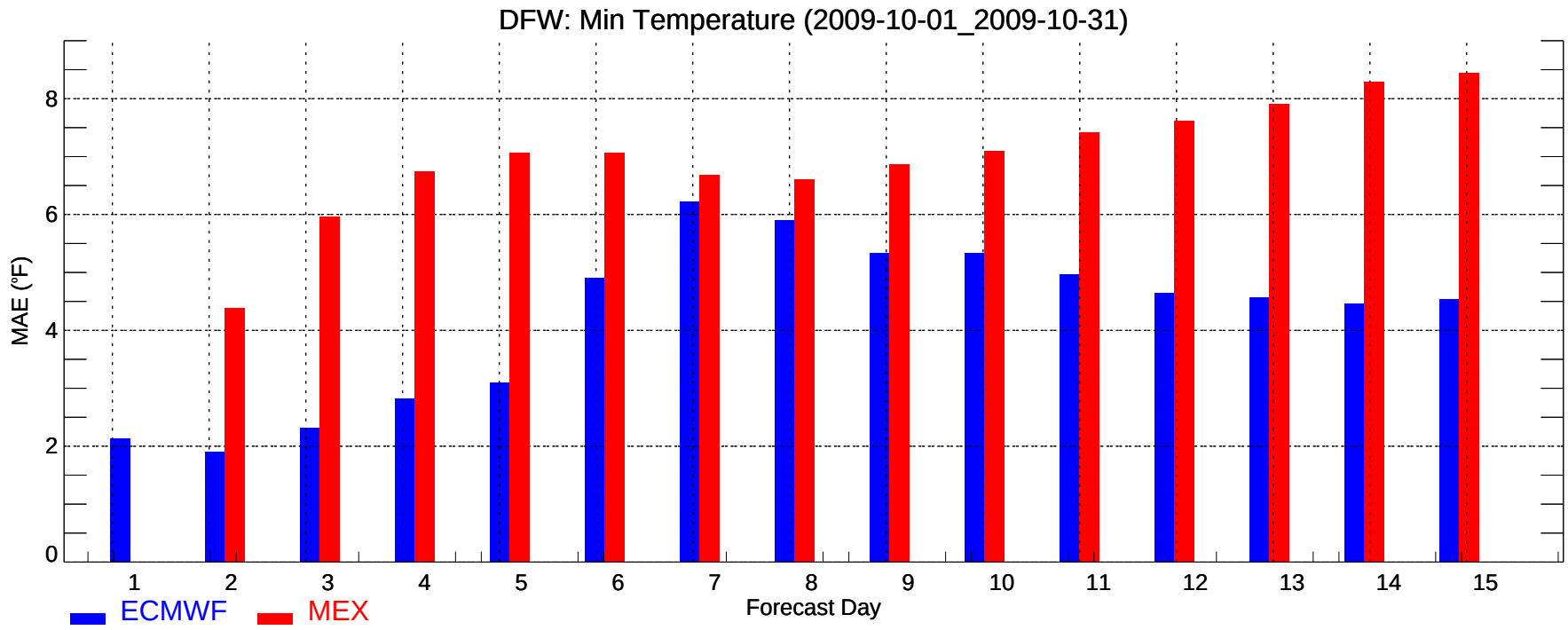
12
13
14
15
Forecast Day
ECMWF
MEX


DFW: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DFW: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DFW: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
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13
14
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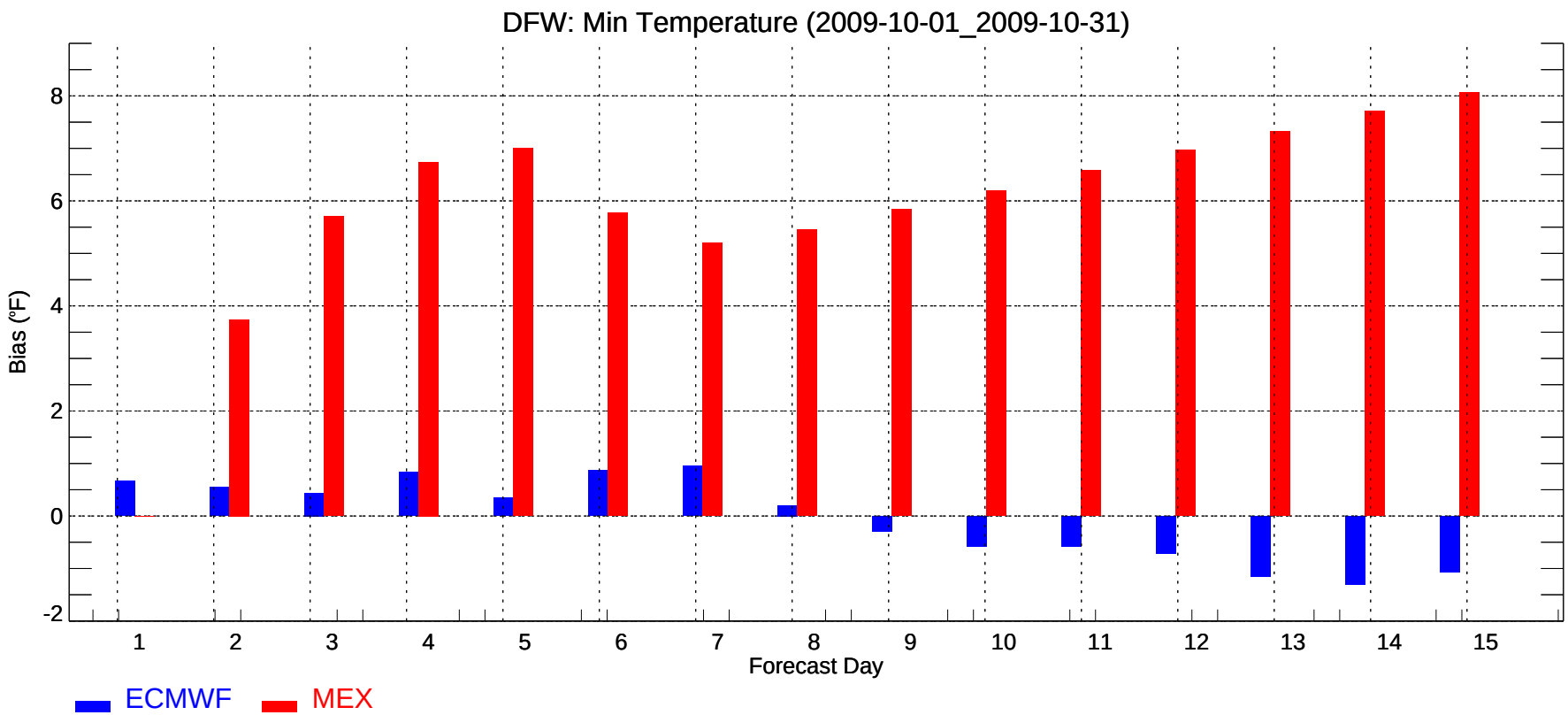
Forecast Day
ECMWF
MEX


DFW: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
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5
6
7
8
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10
11
12
13
14
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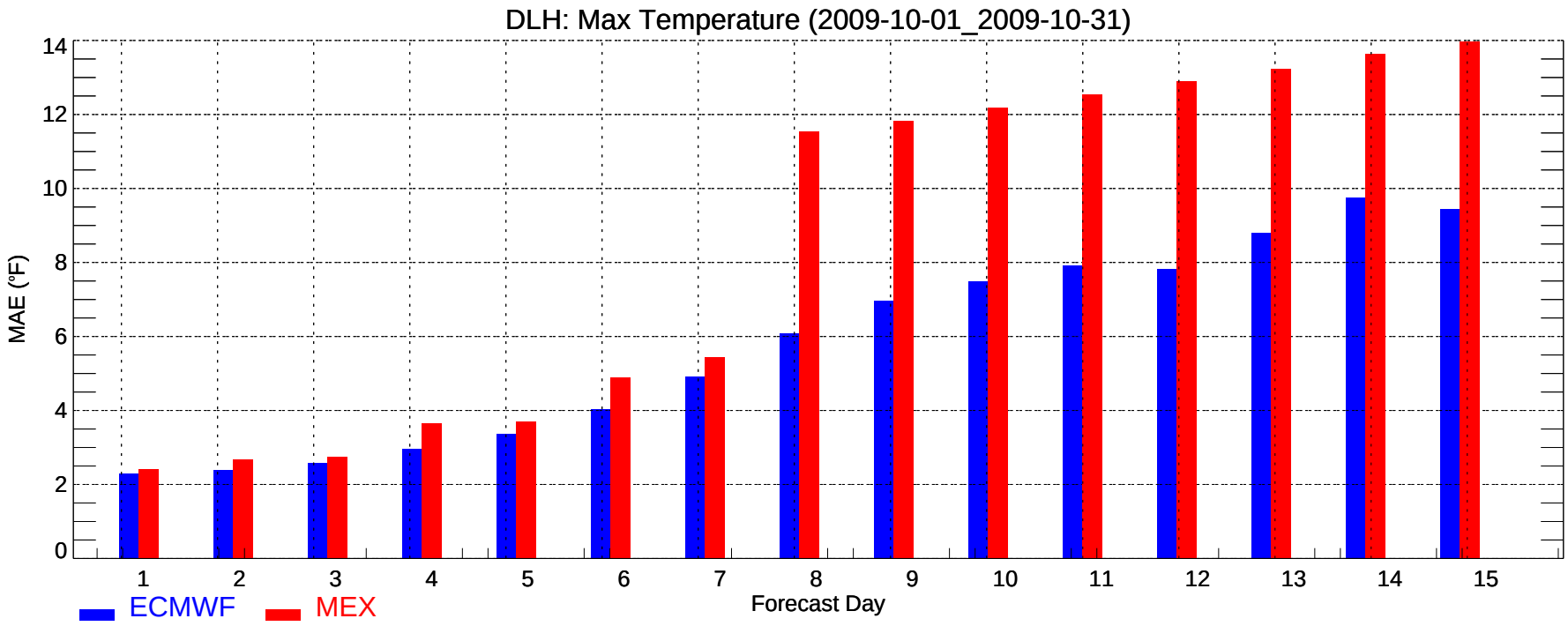
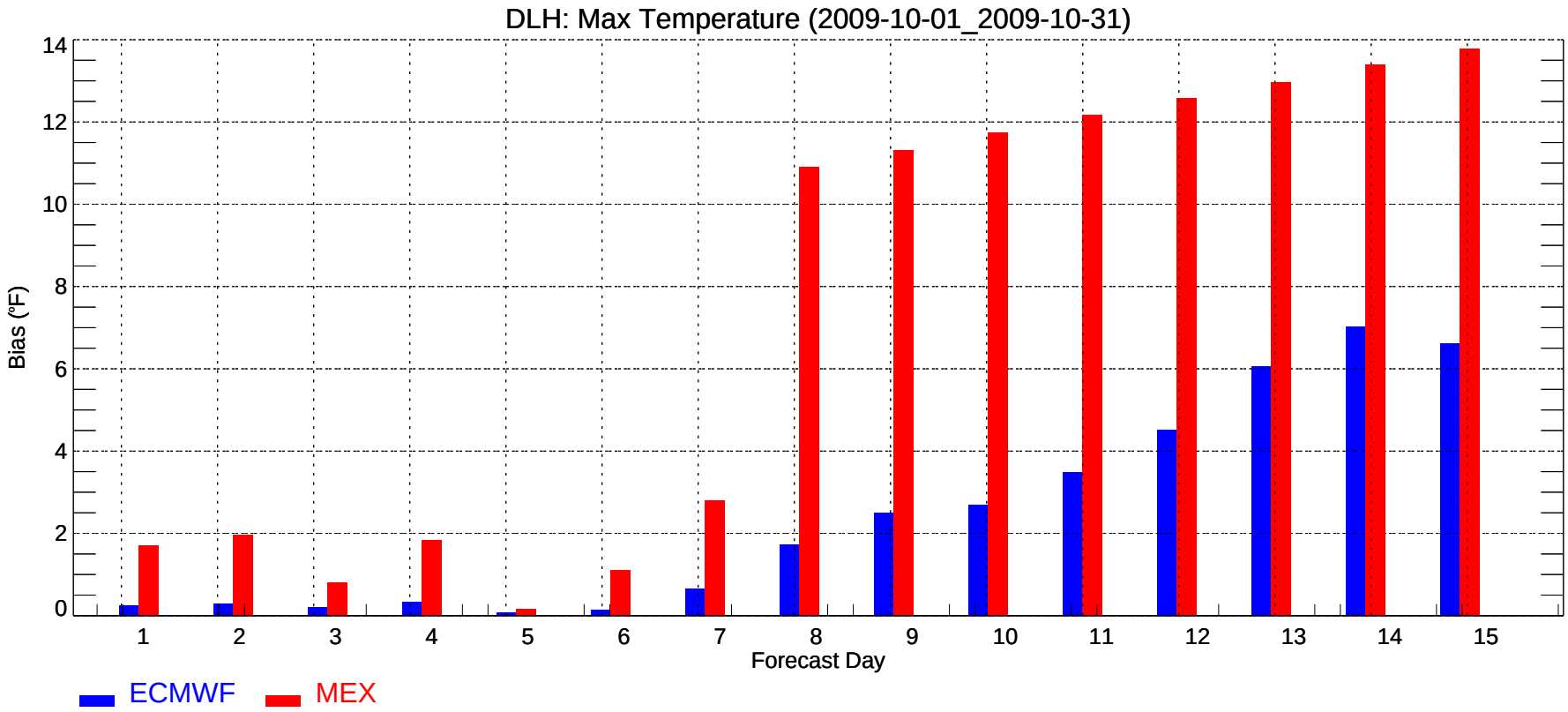
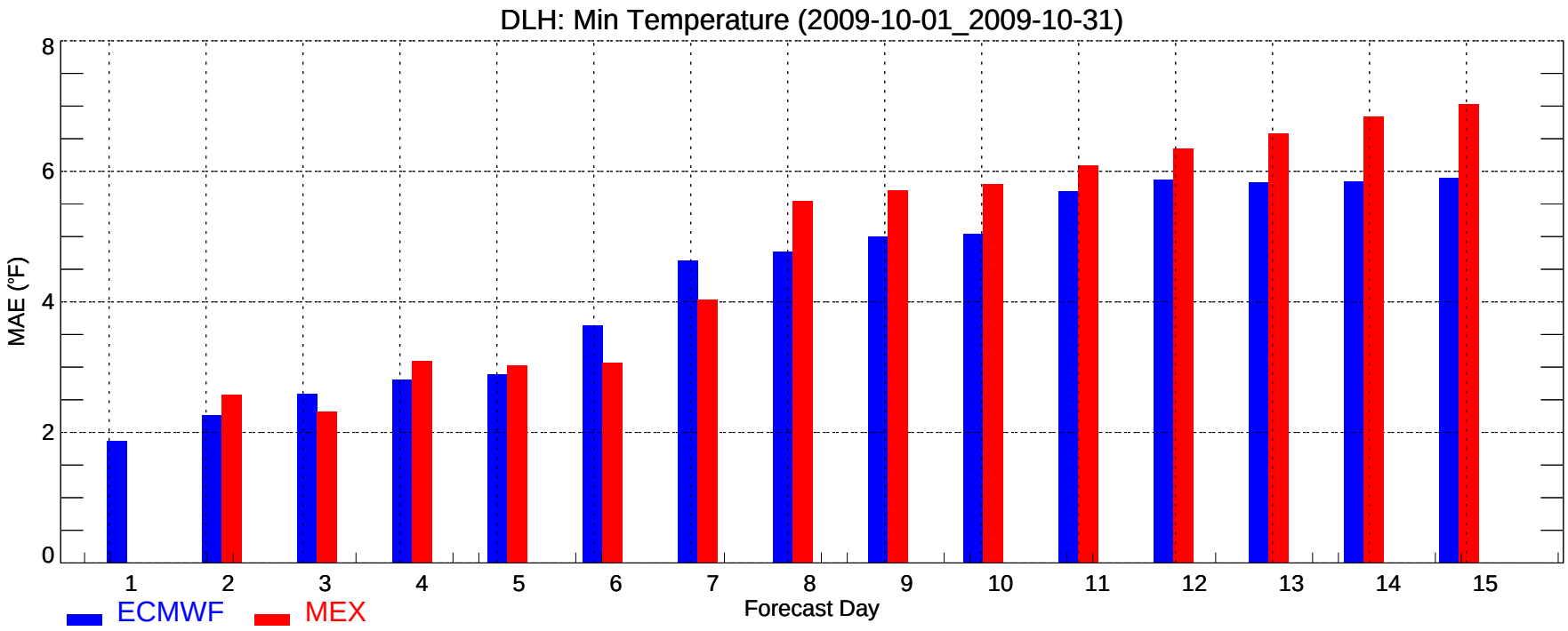
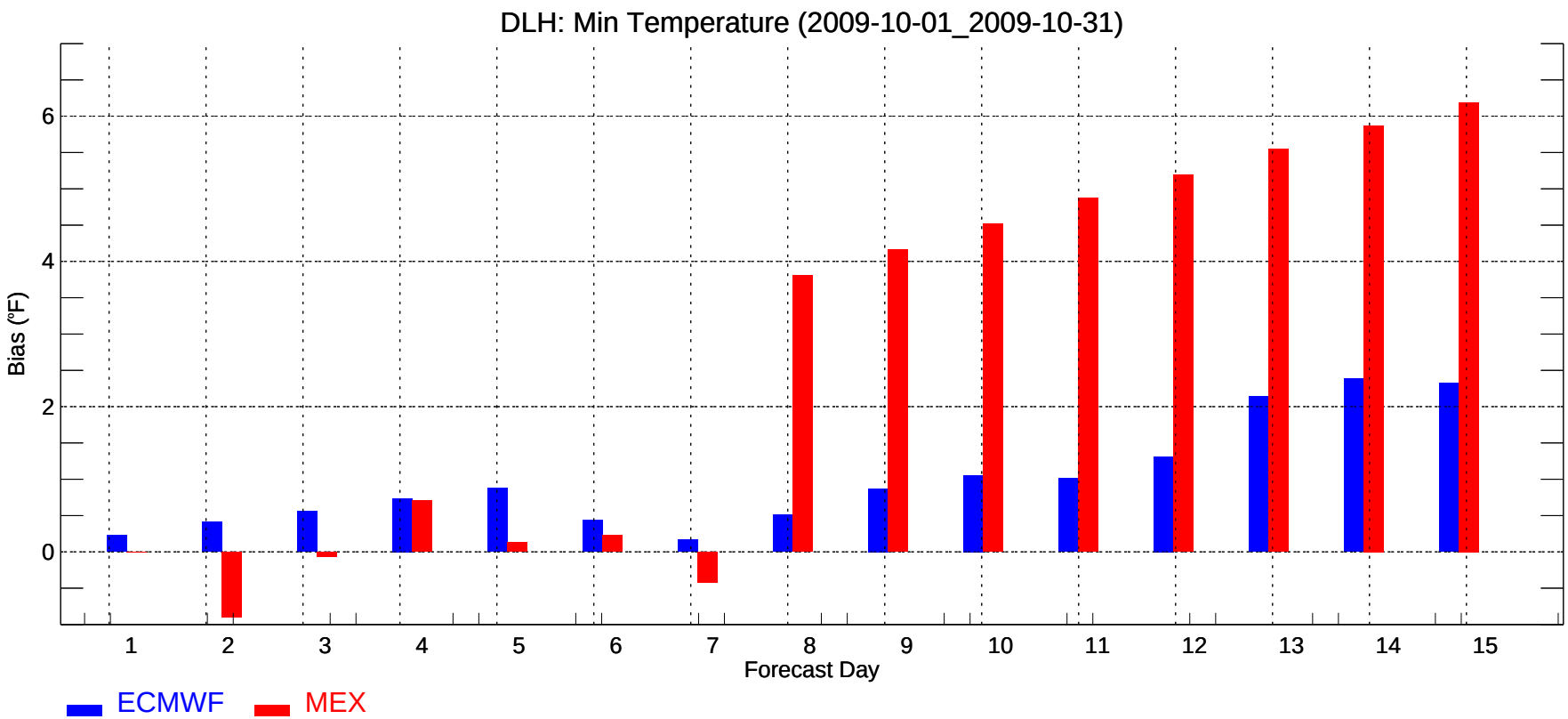
Forecast Day
ECMWF
MEX


DLH: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DLH: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DLH: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DLH: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
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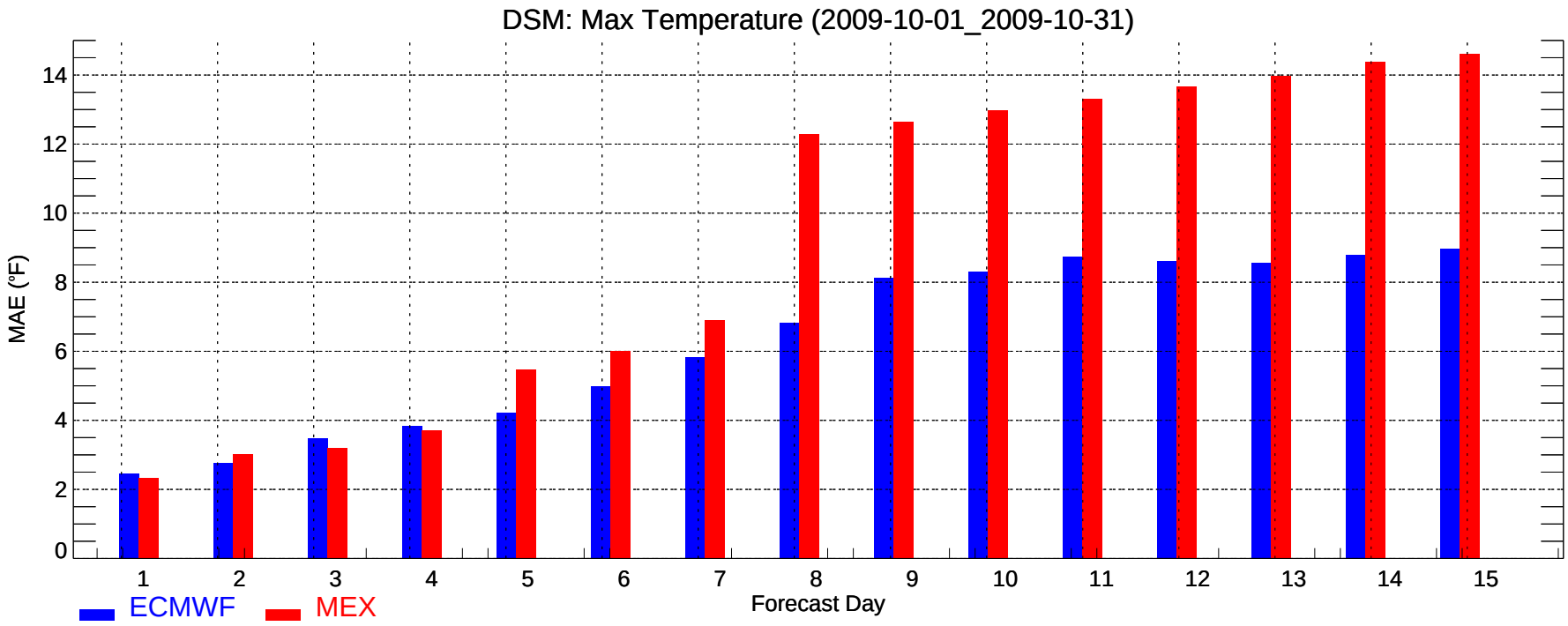
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DSM: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
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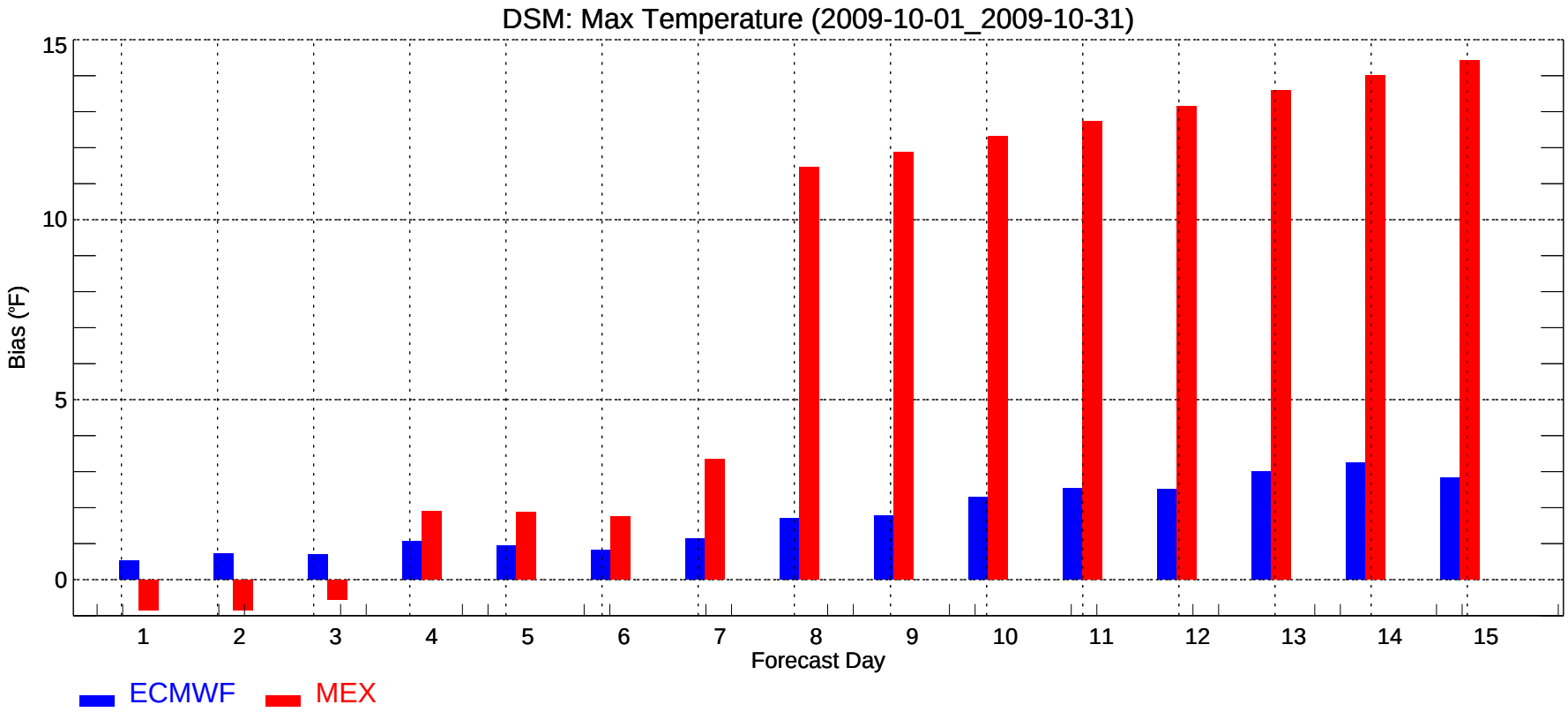
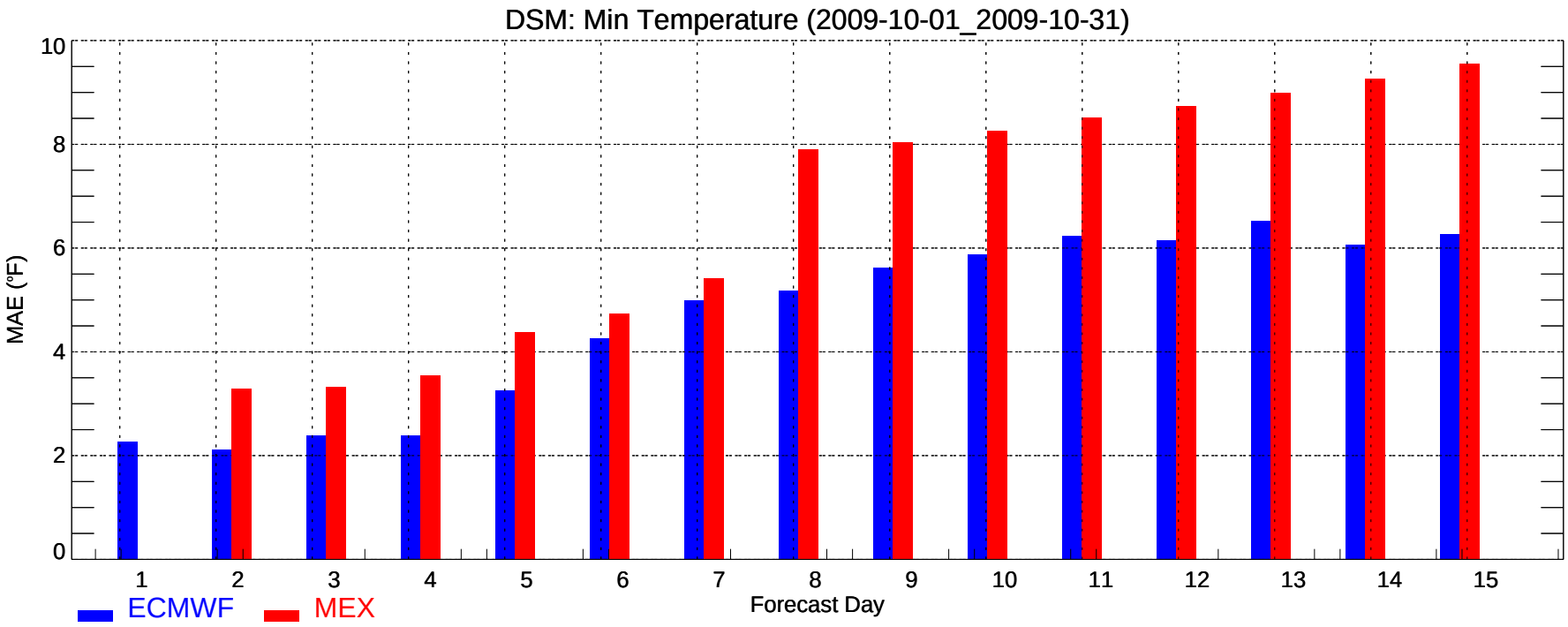
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DSM: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DSM: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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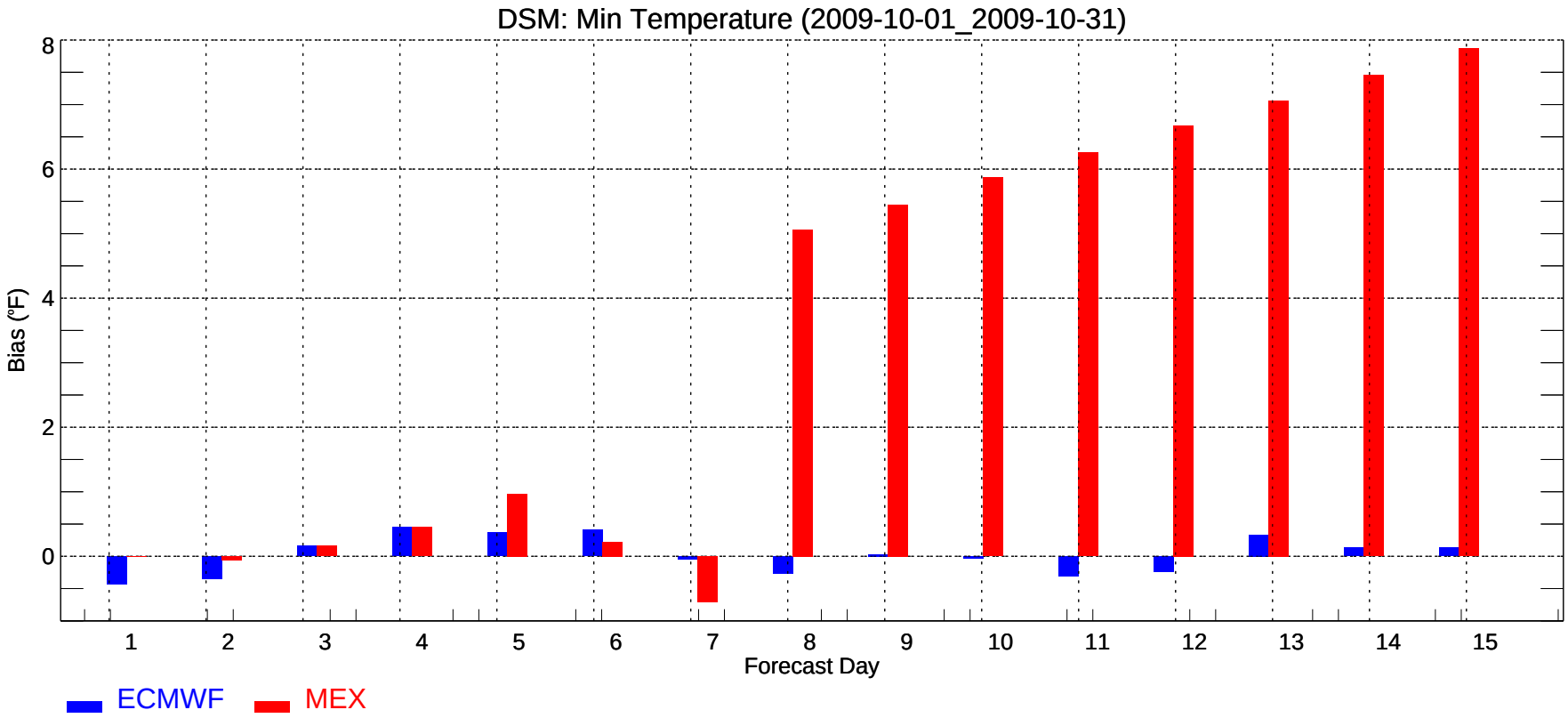
11
12
13
14
15
Forecast Day
ECMWF
MEX


DSM: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
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5
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8
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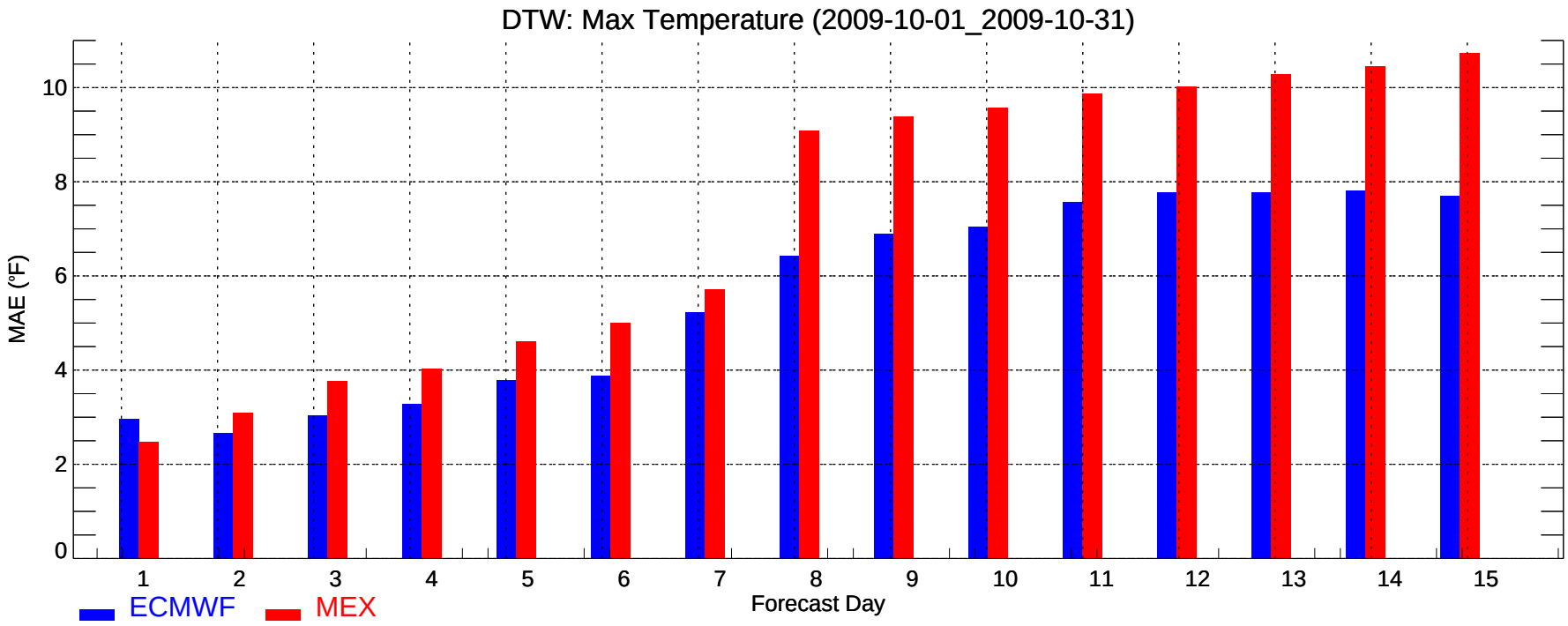
Forecast Day
ECMWF
MEX


DTW: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
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8
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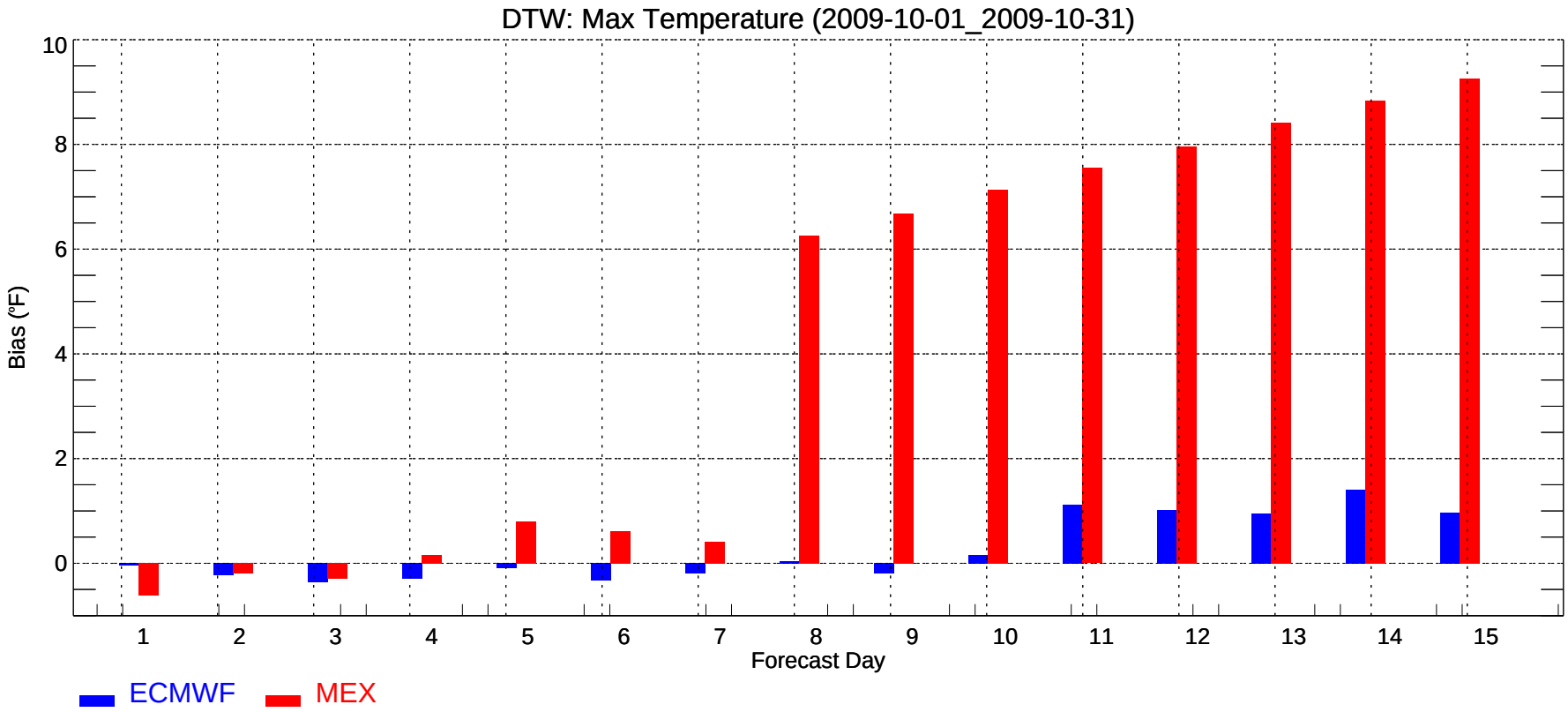
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DTW: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
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11
12
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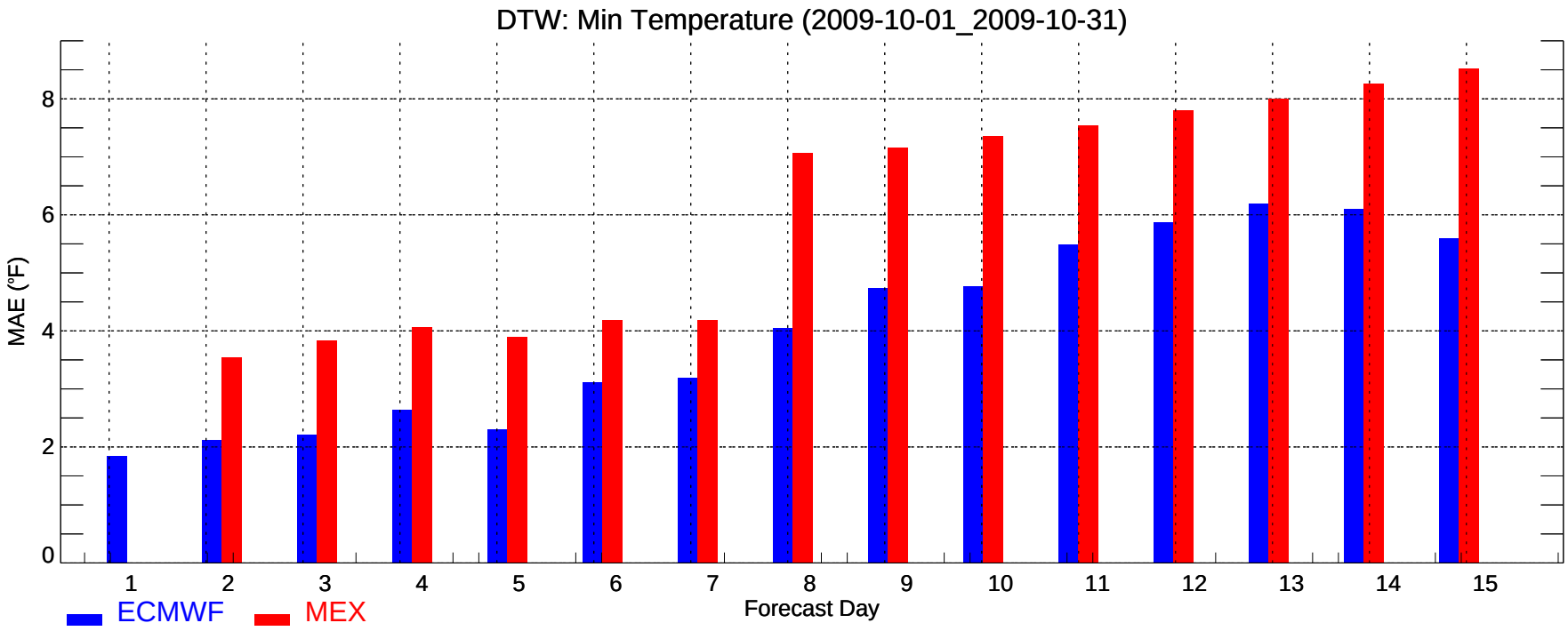
14
15
Forecast Day
ECMWF
MEX


DTW: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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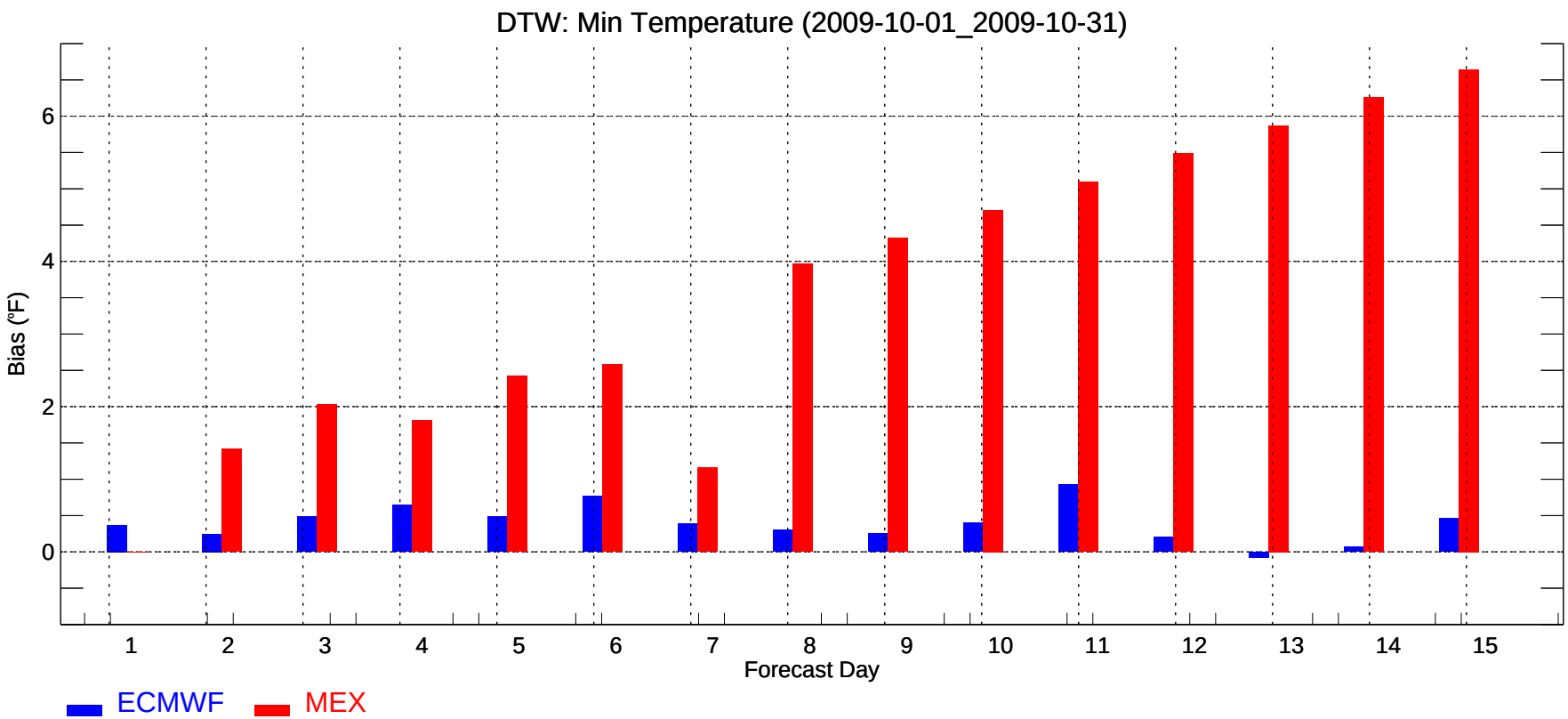
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DTW: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
1
2
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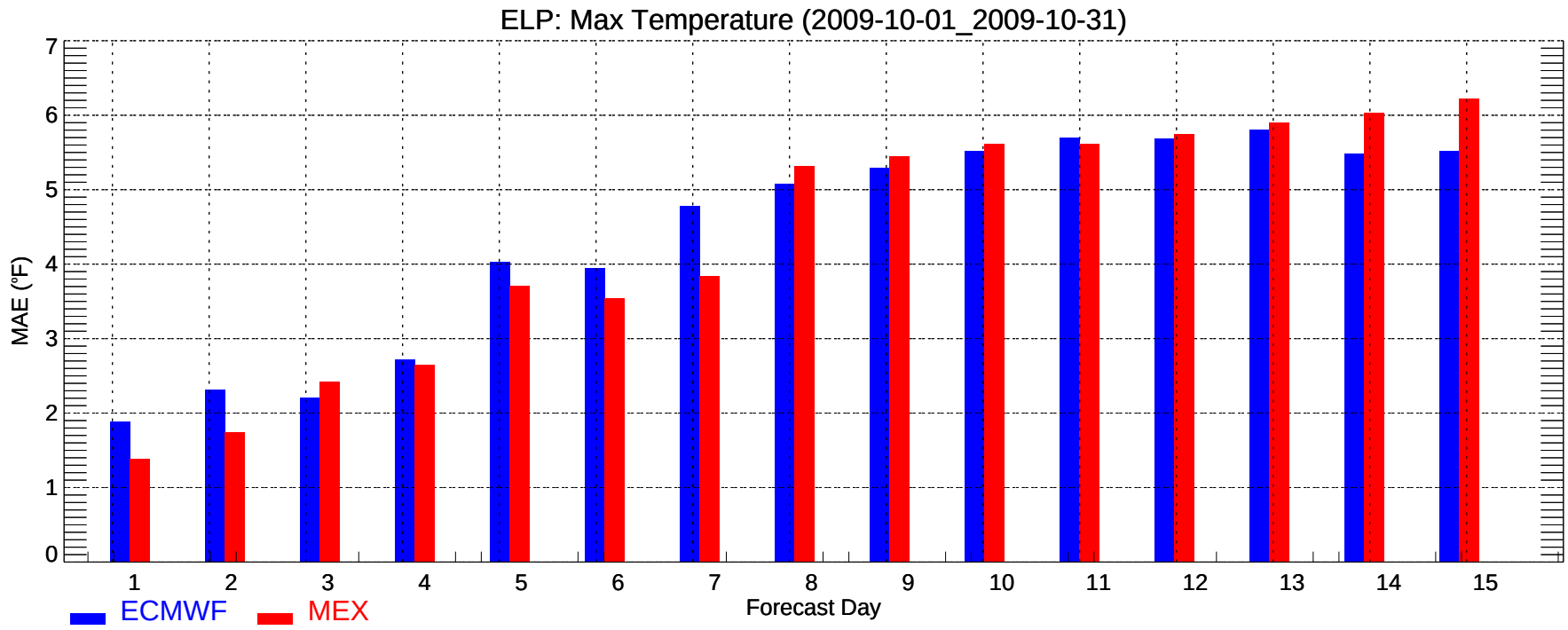
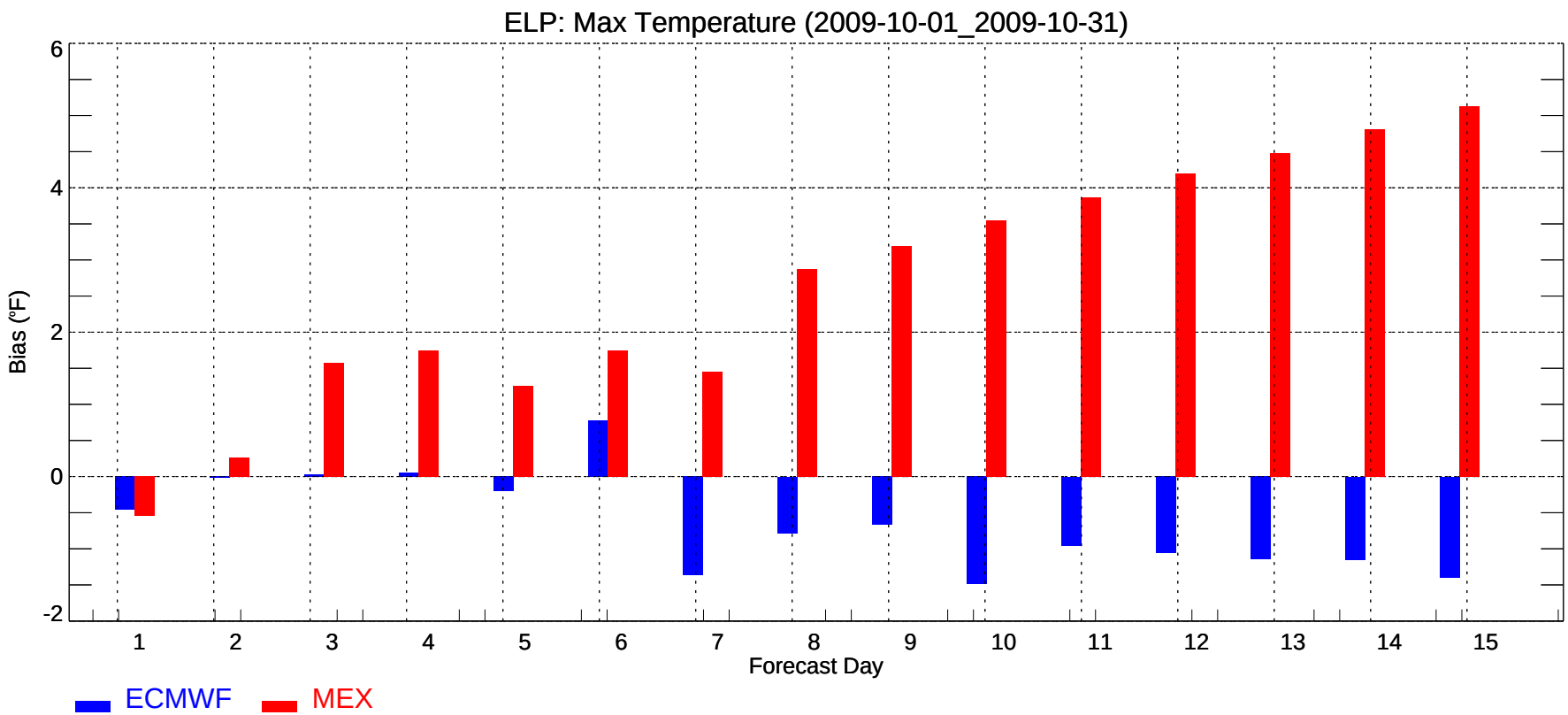
14
15
Forecast Day
ECMWF
MEX


ELP: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ELP: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
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8
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12
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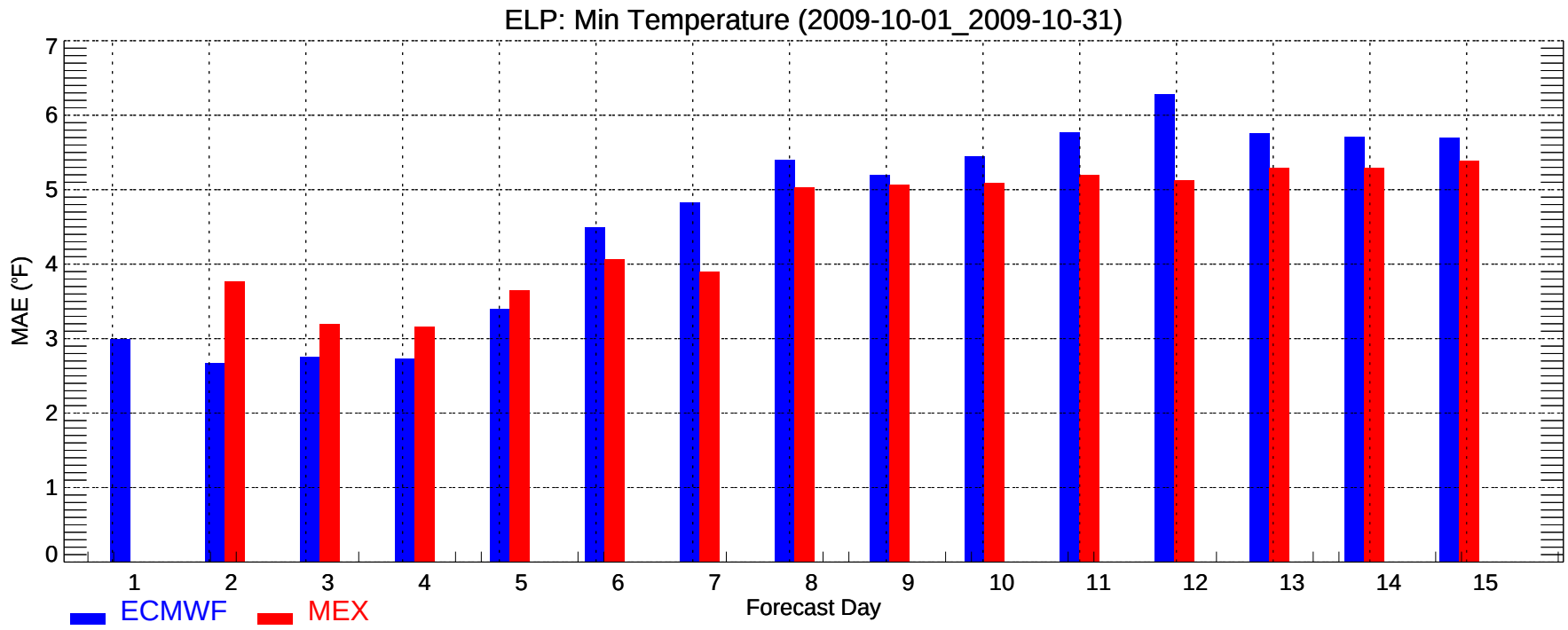
14
15
Forecast Day
ECMWF
MEX


ELP: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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6
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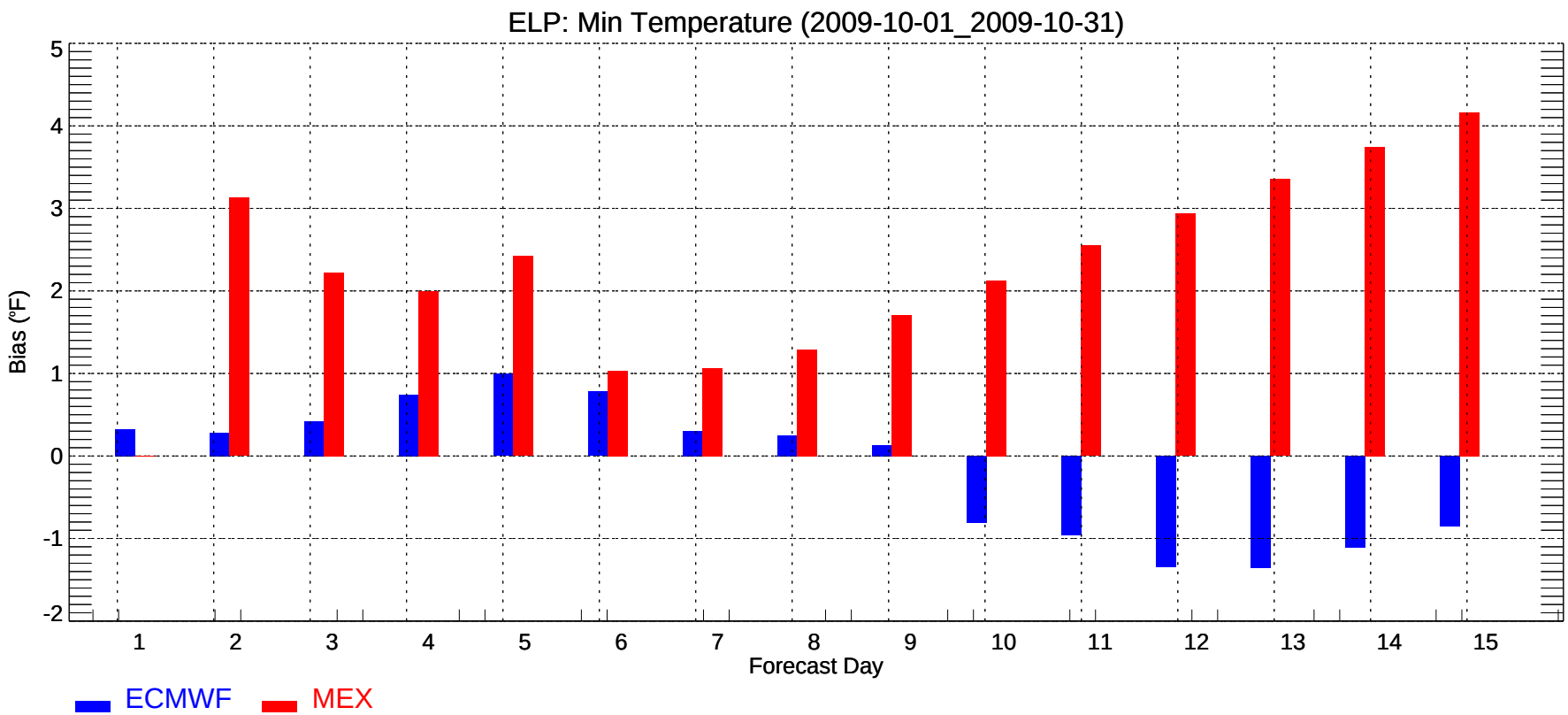
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ELP: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
4
5
1
2
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4
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10
11
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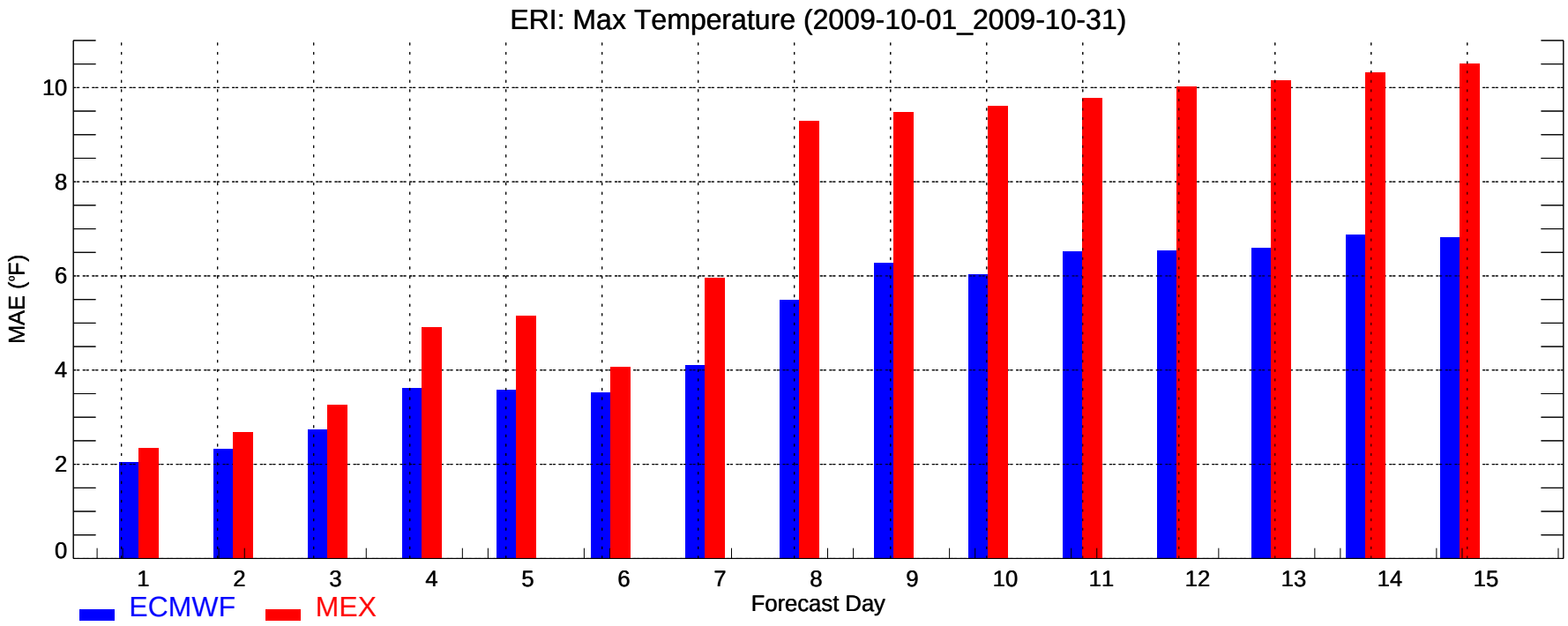
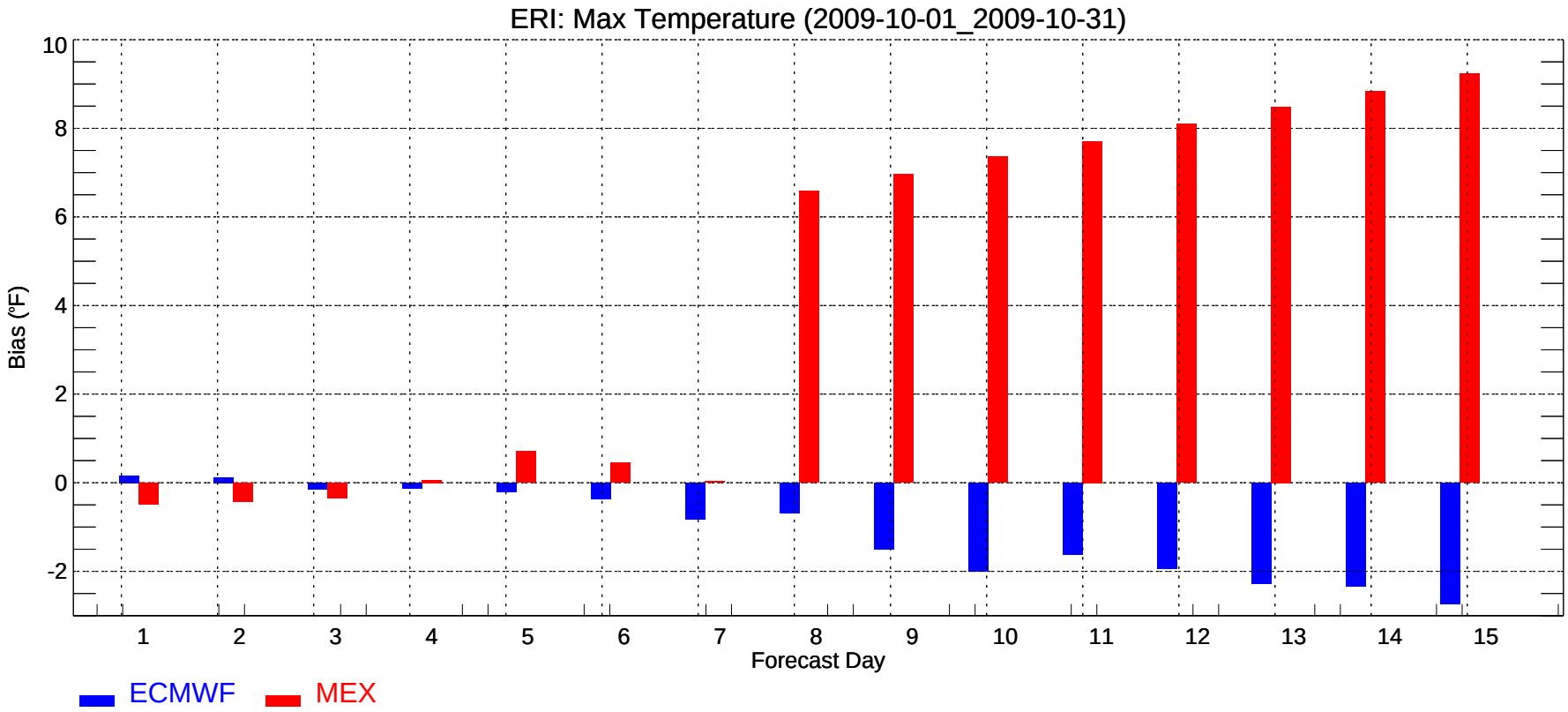
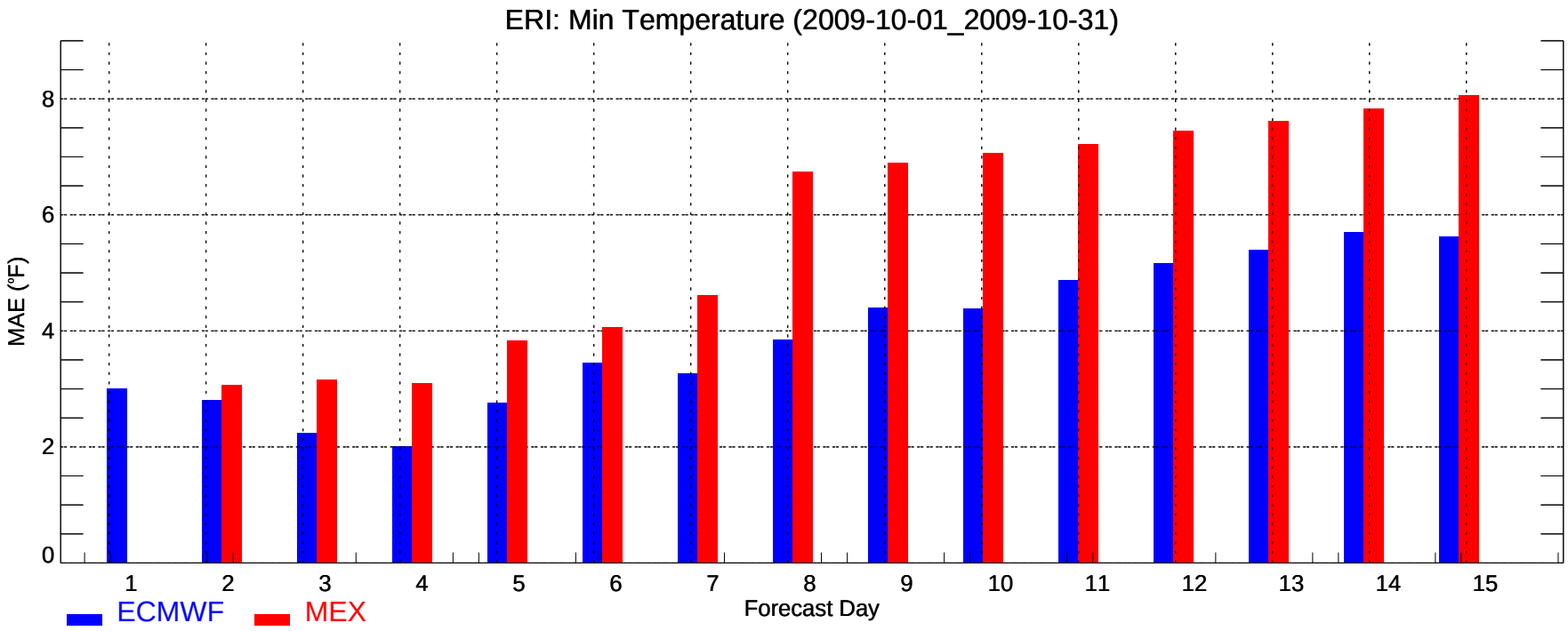
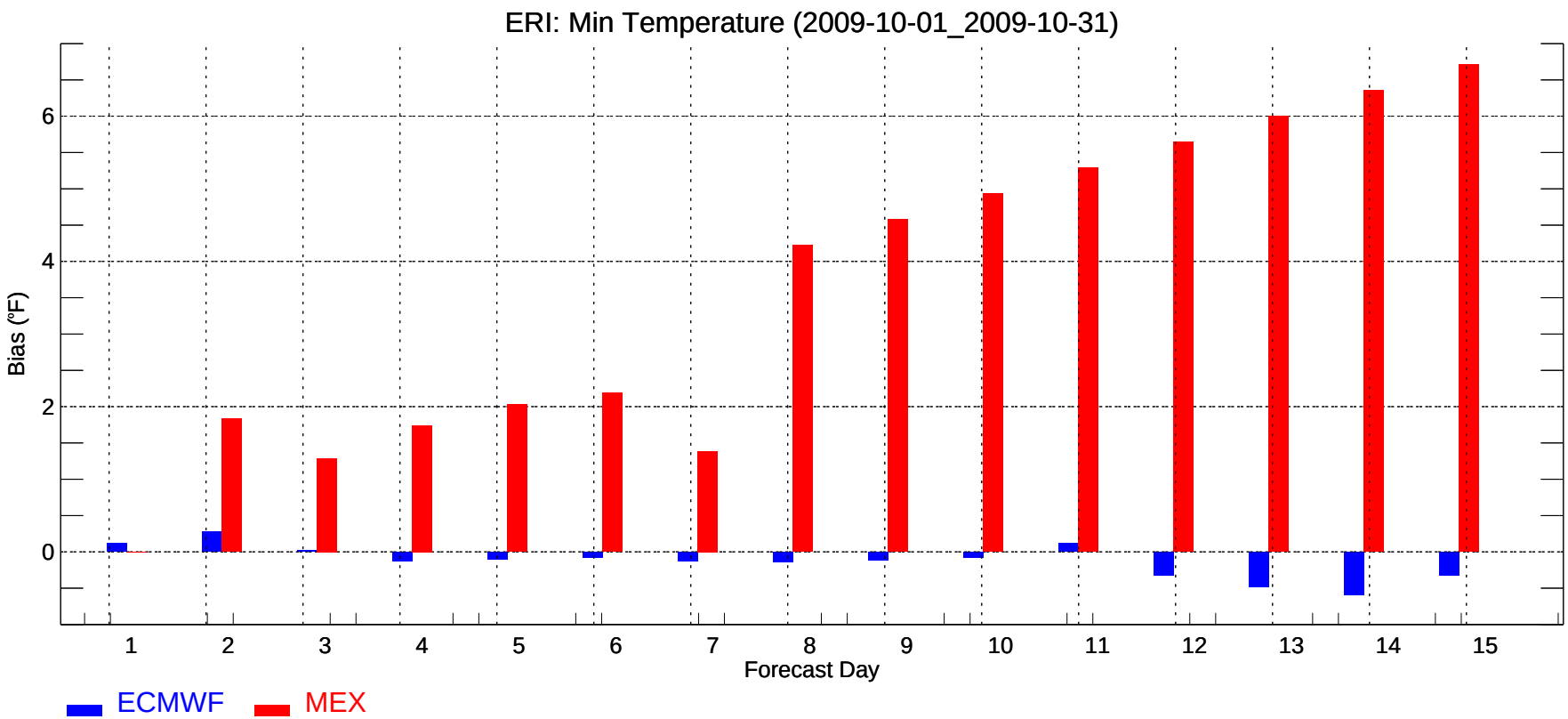
14
15
Forecast Day
ECMWF
MEX


ERI: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ERI: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ERI: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ERI: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
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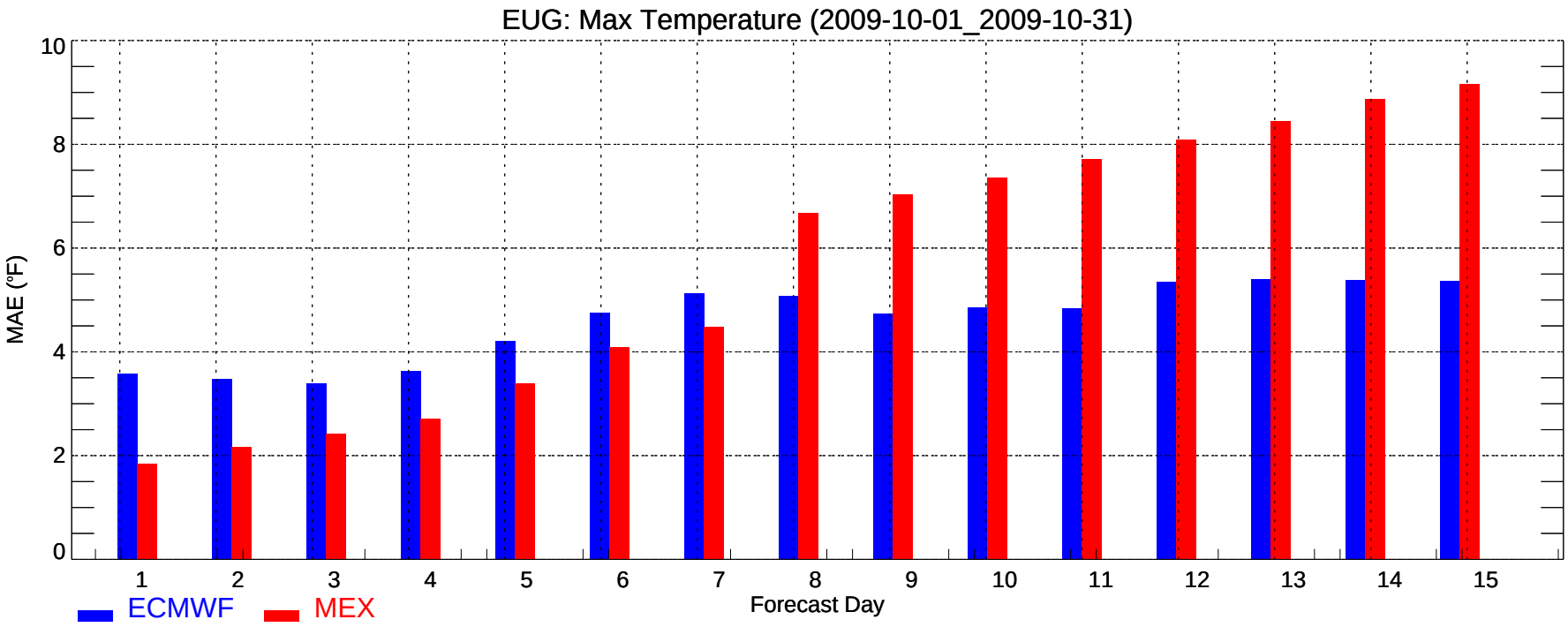
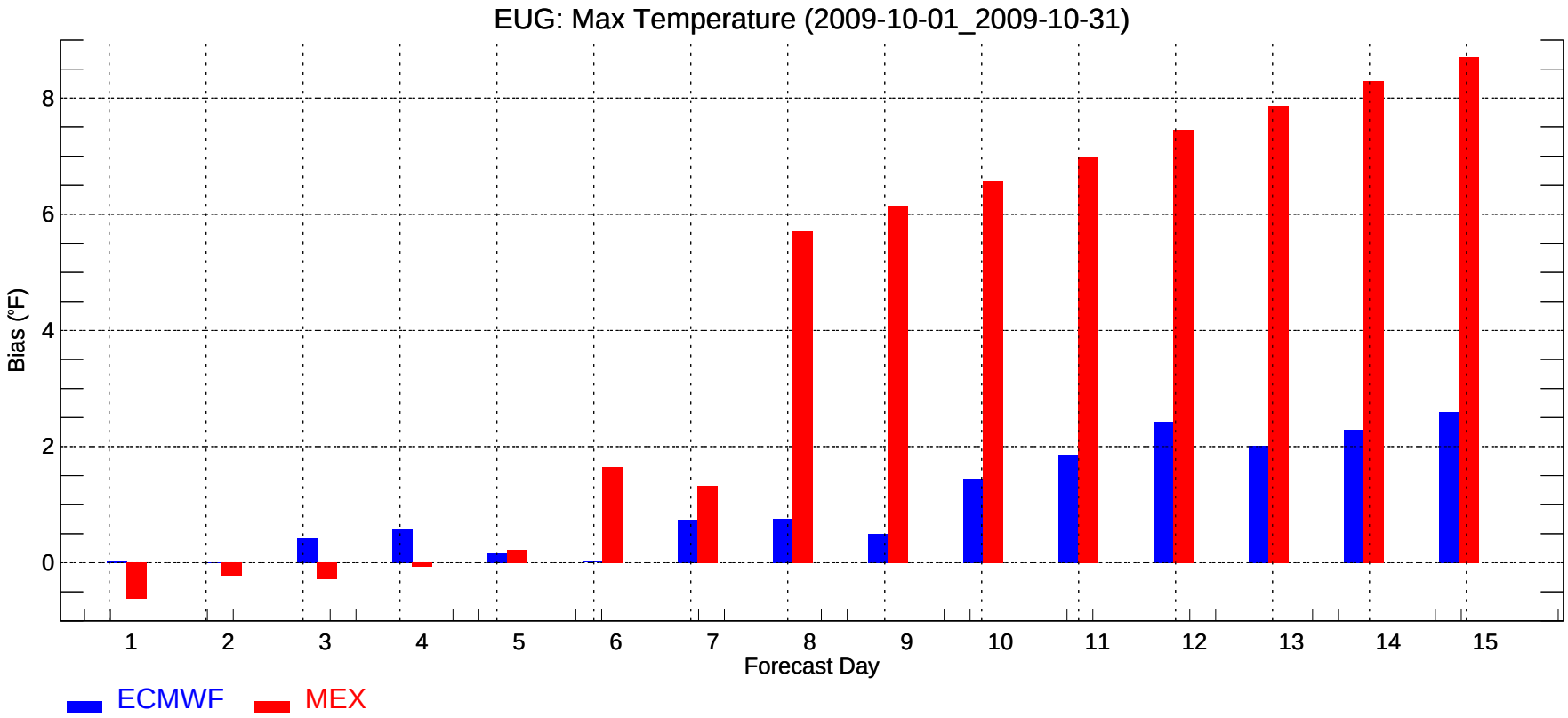
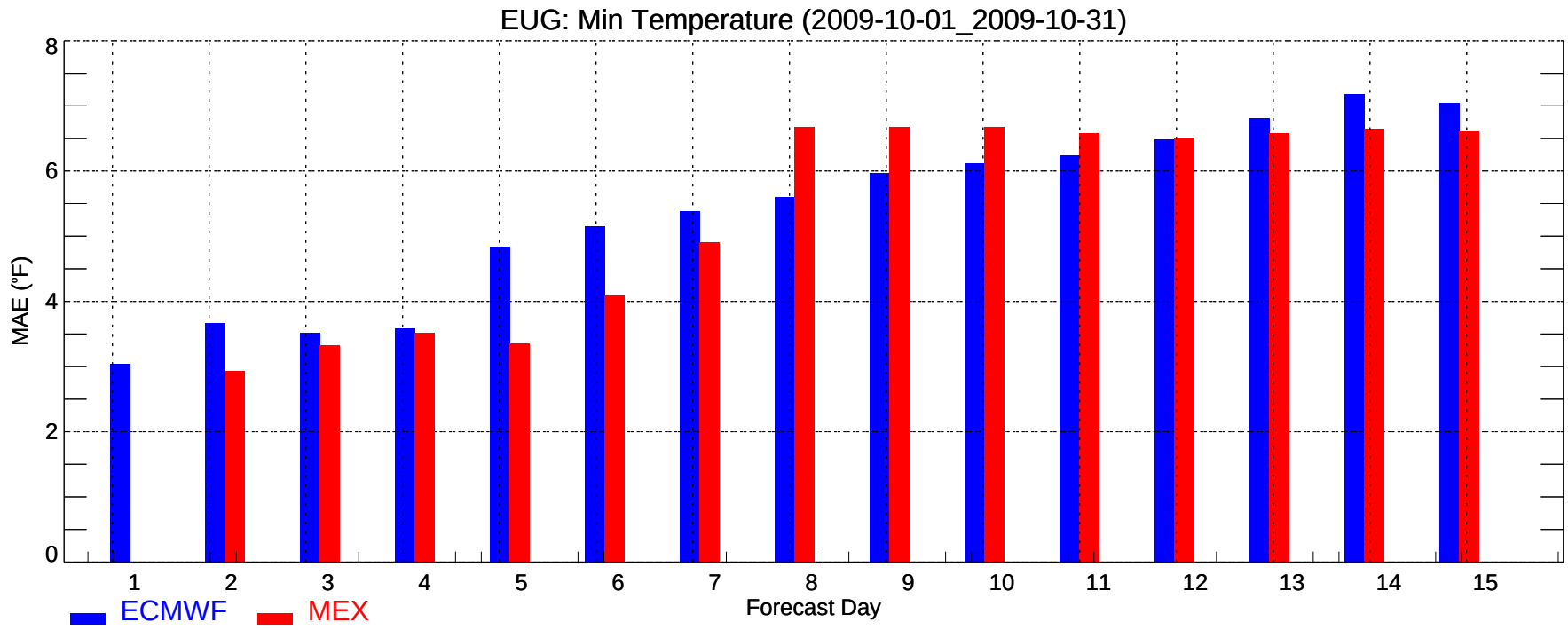
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EUG: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EUG: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EUG: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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10
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12
13
14
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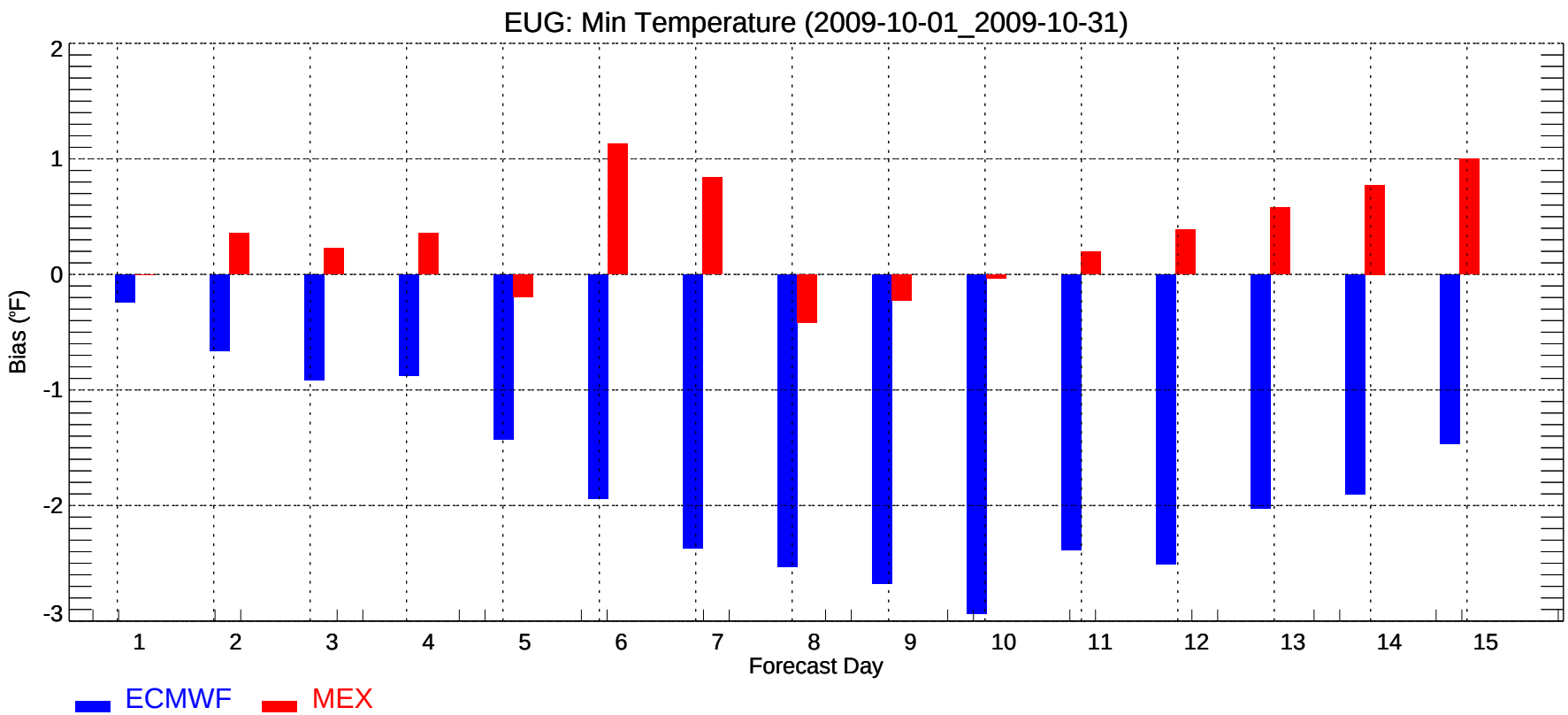
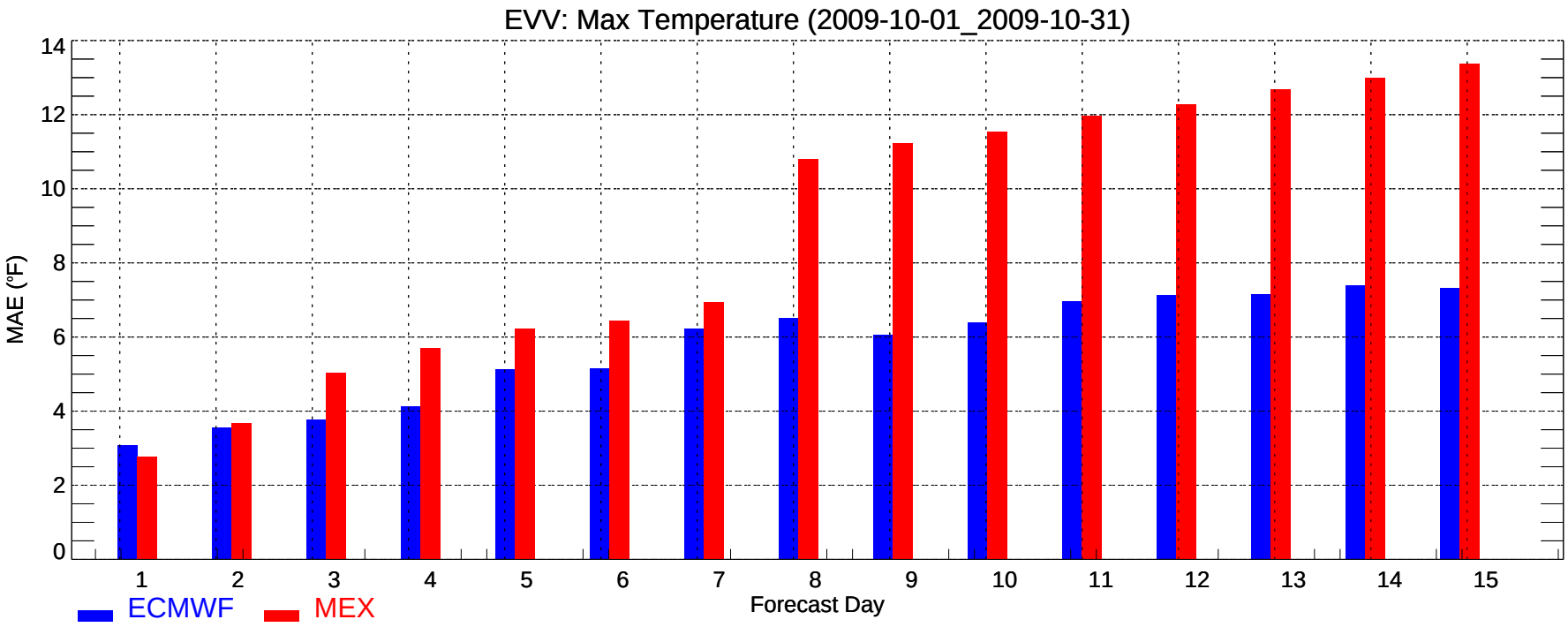
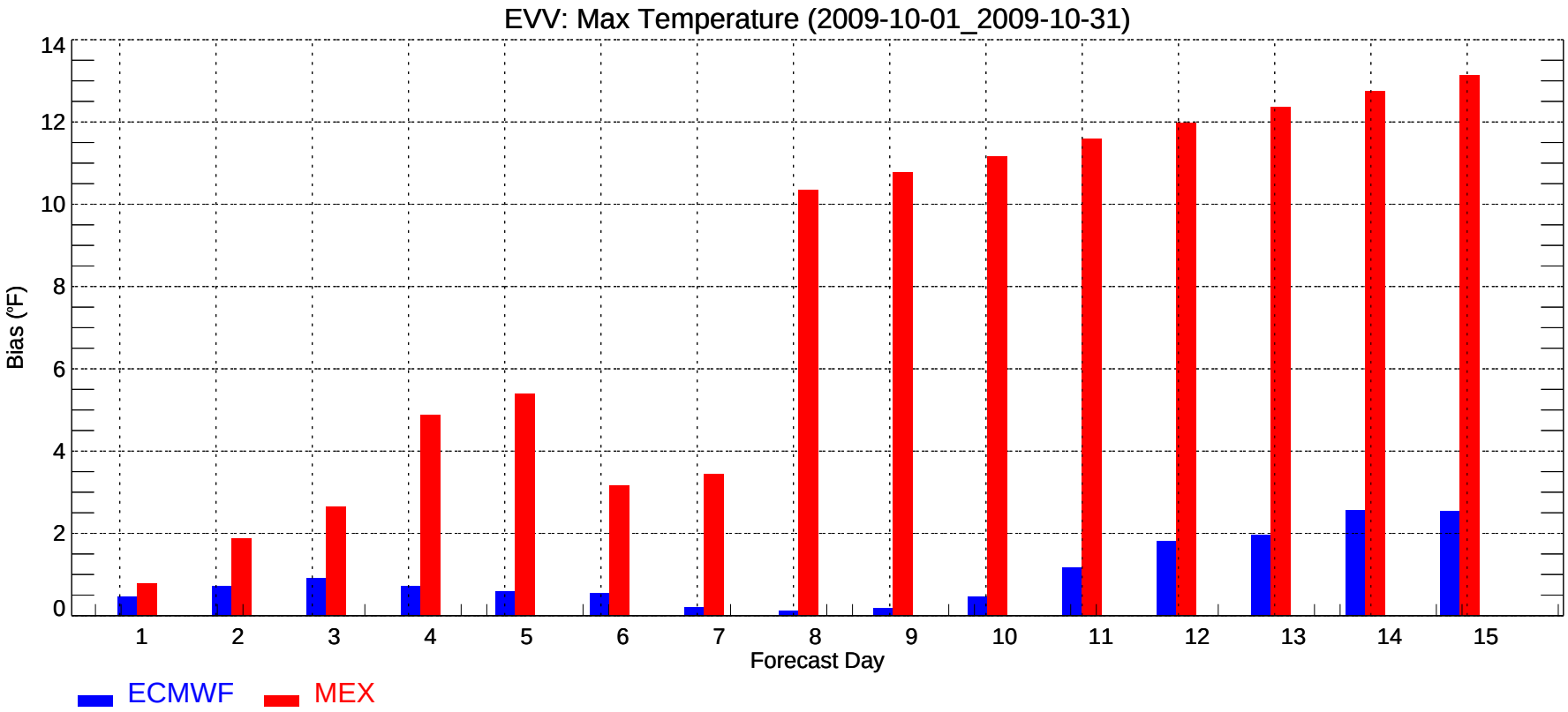
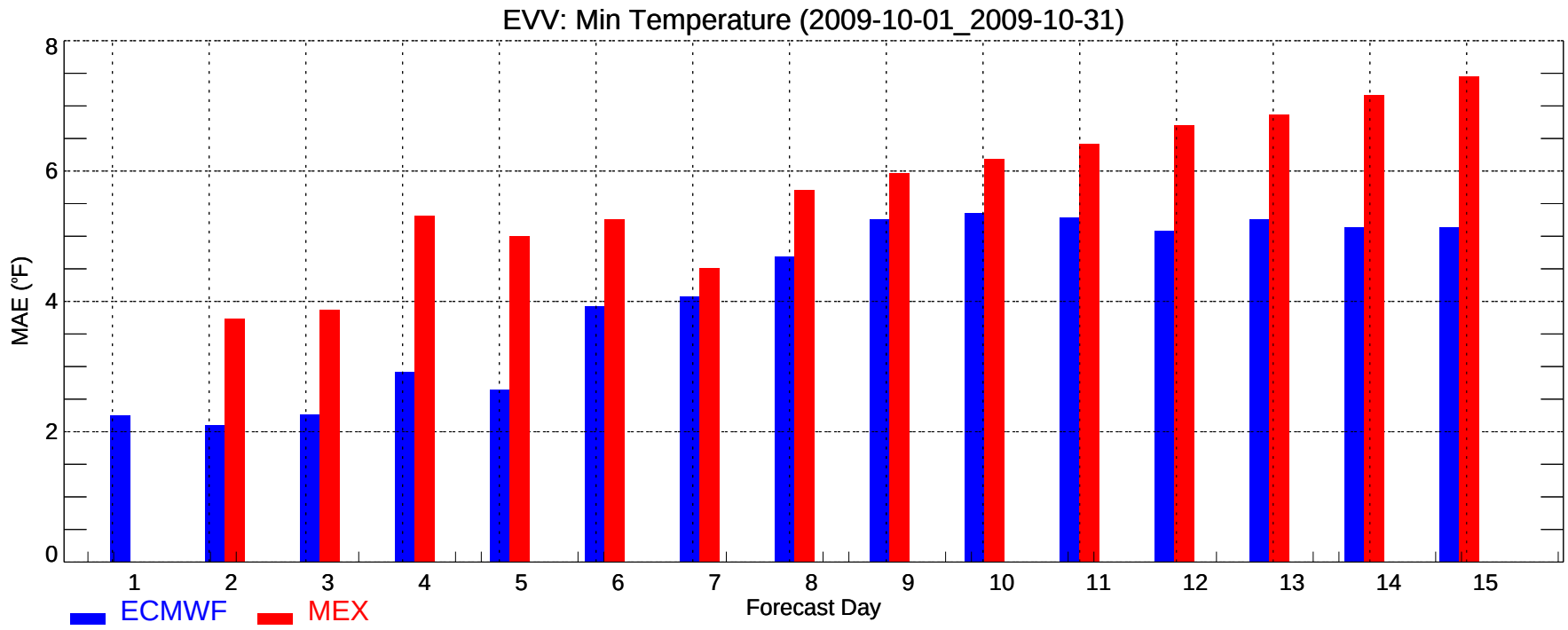
Forecast Day
ECMWF
MEX


EUG: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EVV: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EVV: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EVV: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
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7
8
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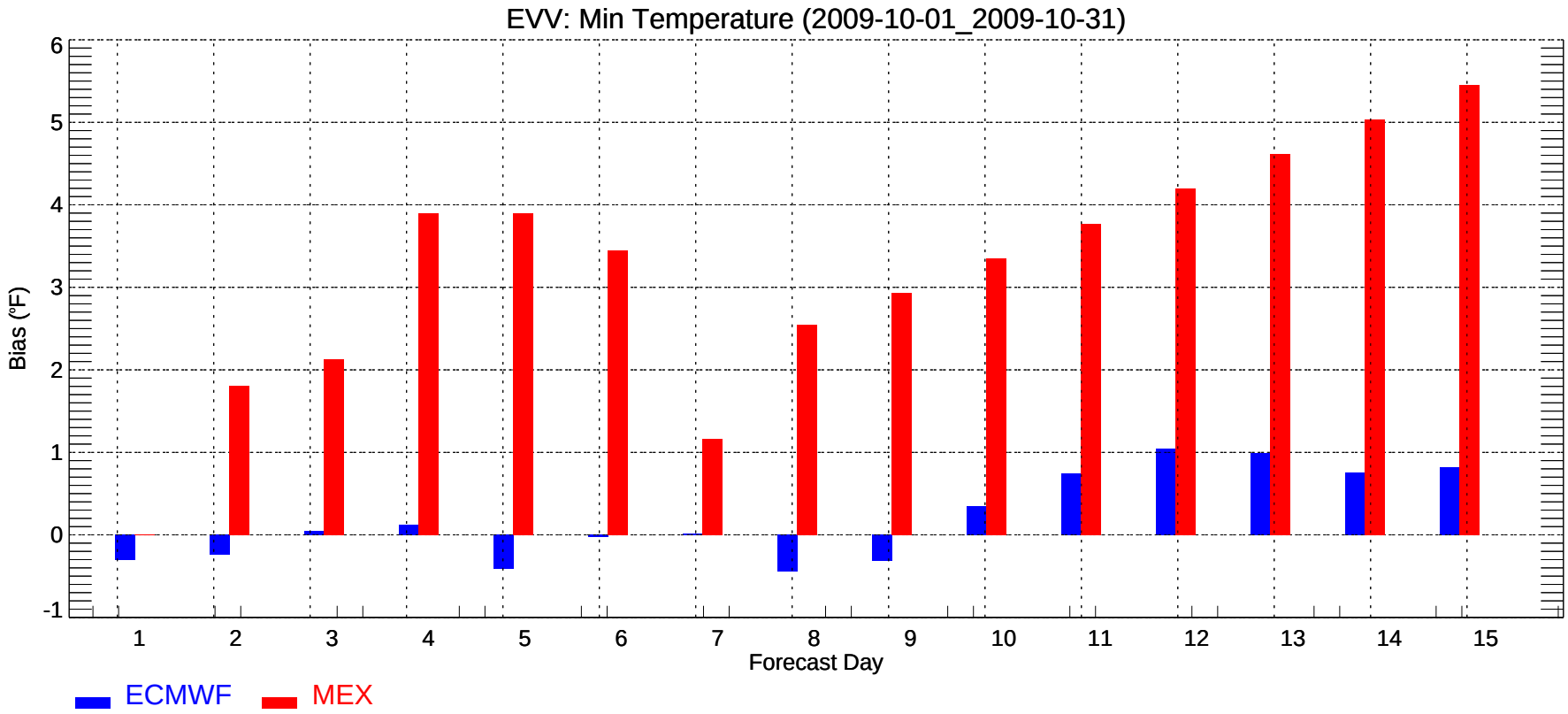
12
13
14
15
Forecast Day
ECMWF
MEX


EVV: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
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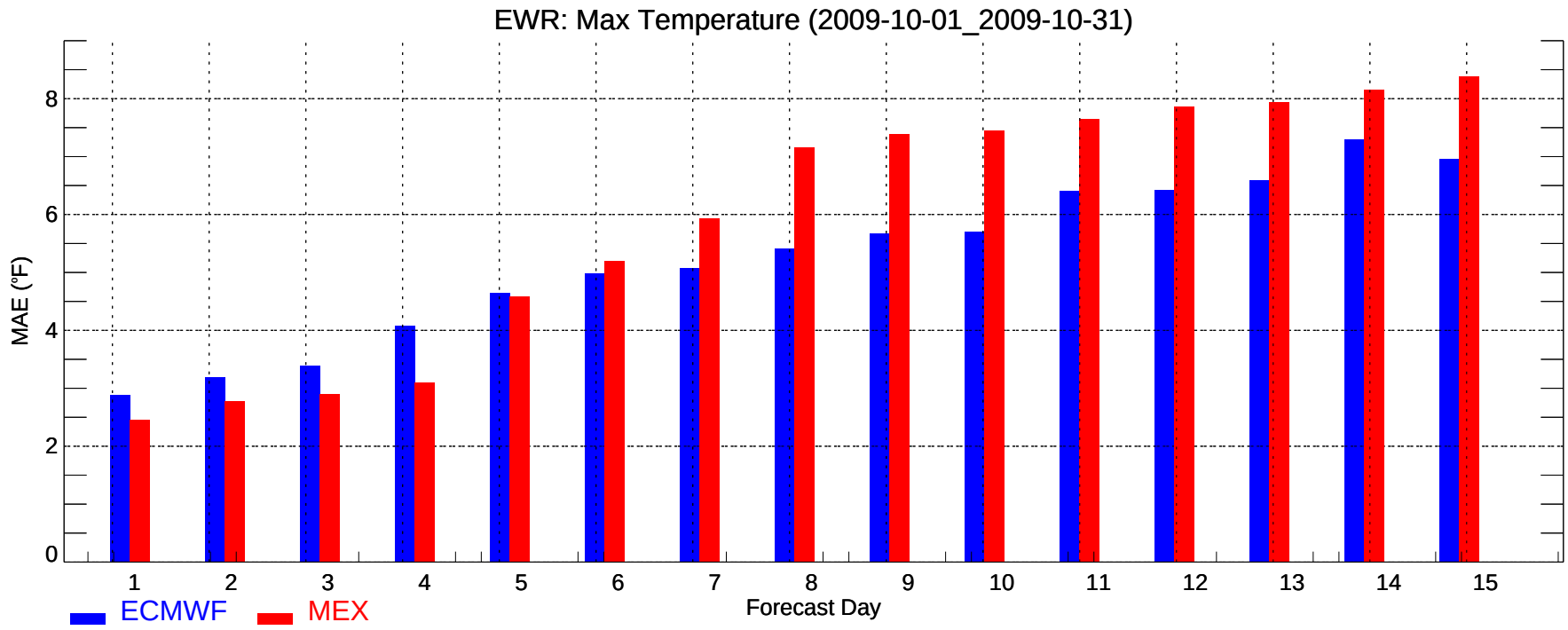
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
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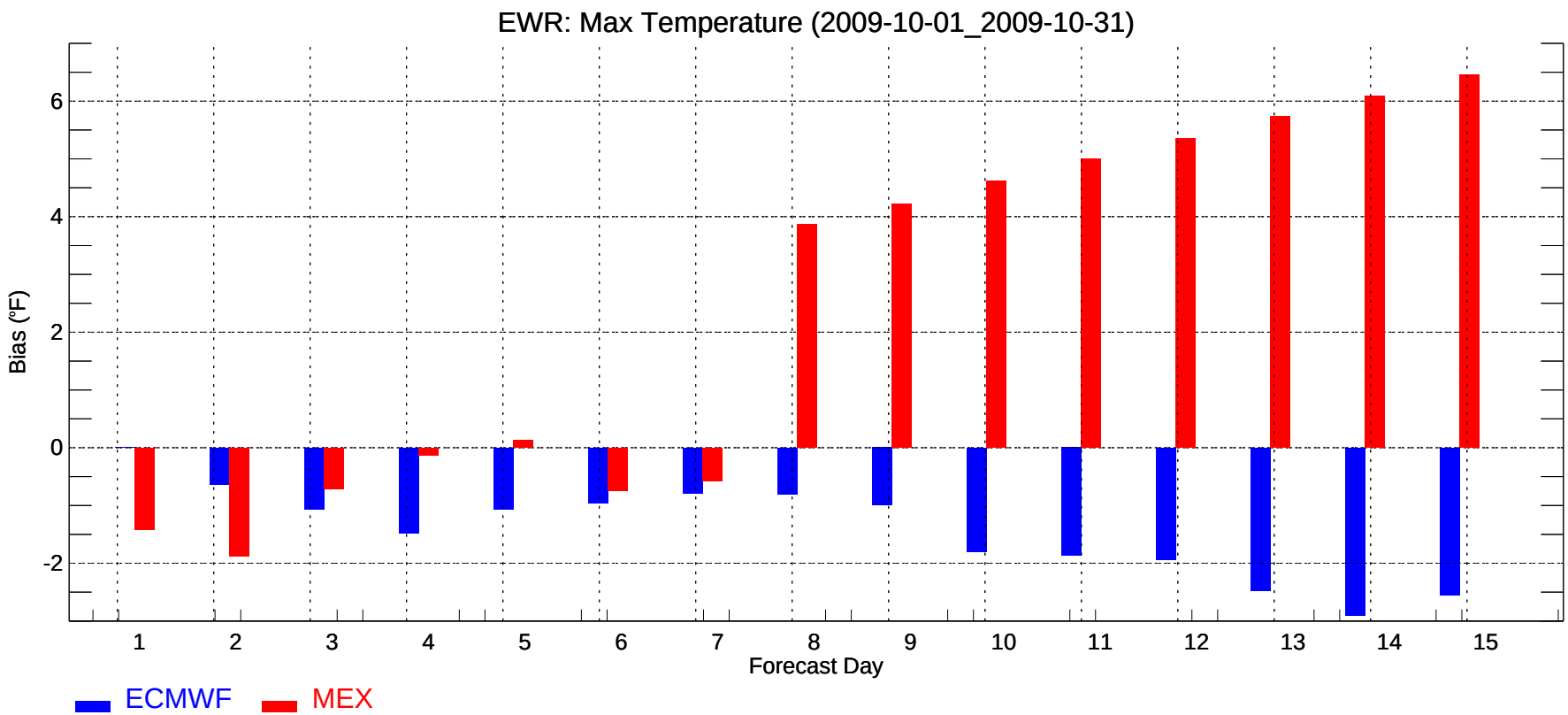
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


EWR: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
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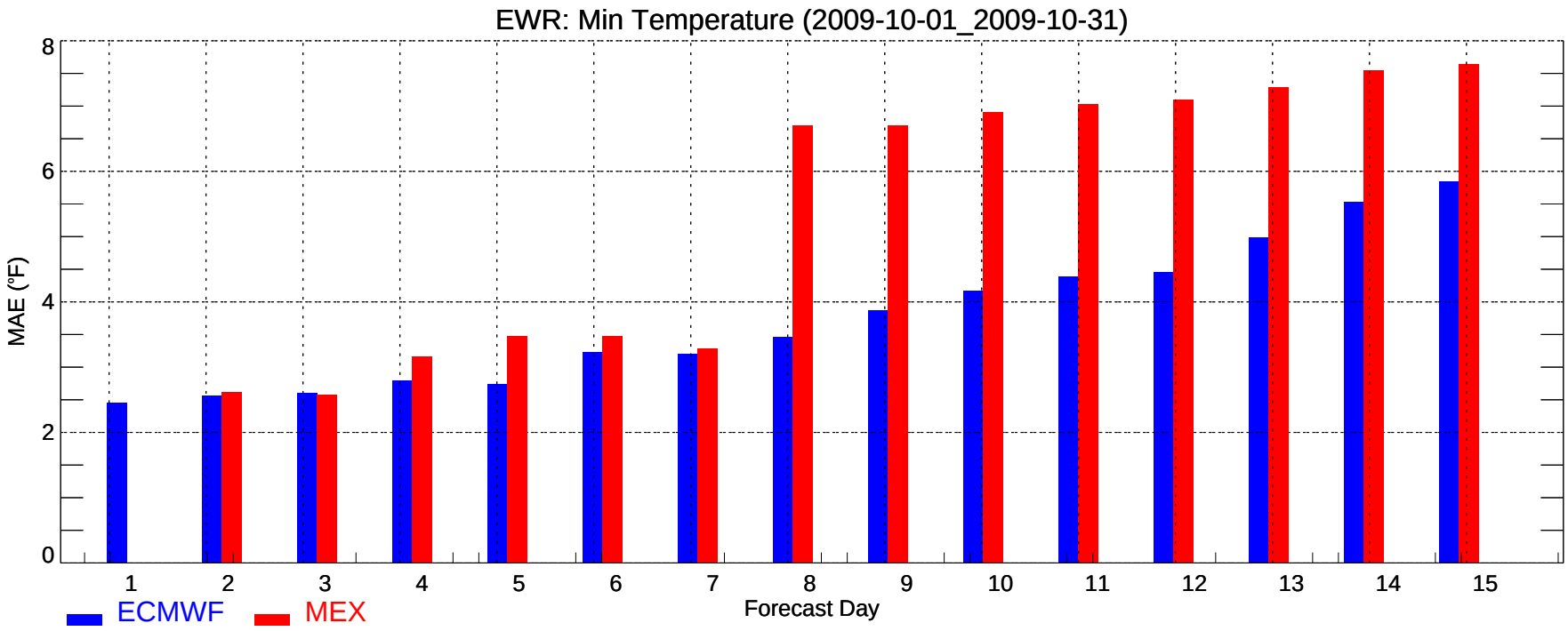
14
15
Forecast Day
ECMWF
MEX


EWR: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
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6
7
8
9
10
11
12
13
14
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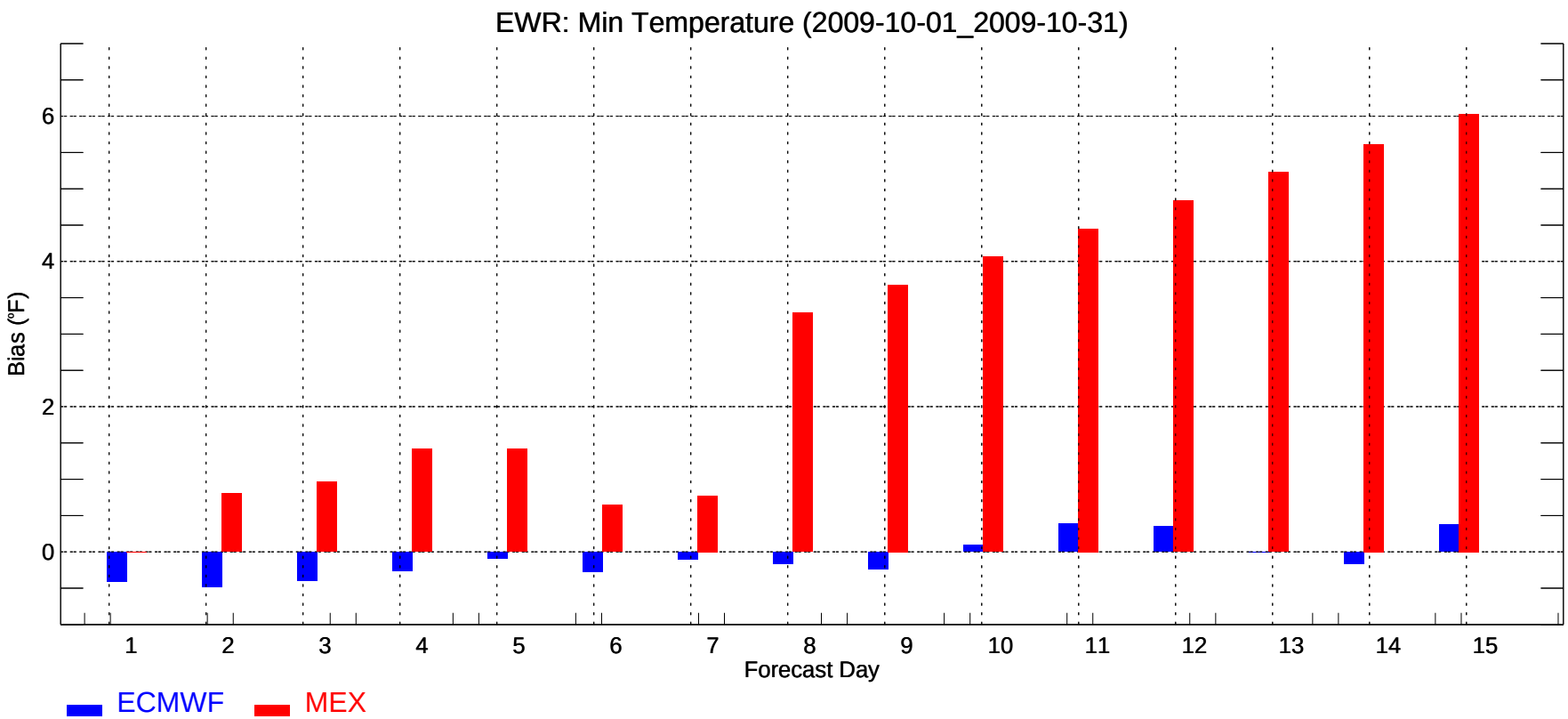
Forecast Day
ECMWF
MEX


EWR: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
1
2
3
4
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6
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8
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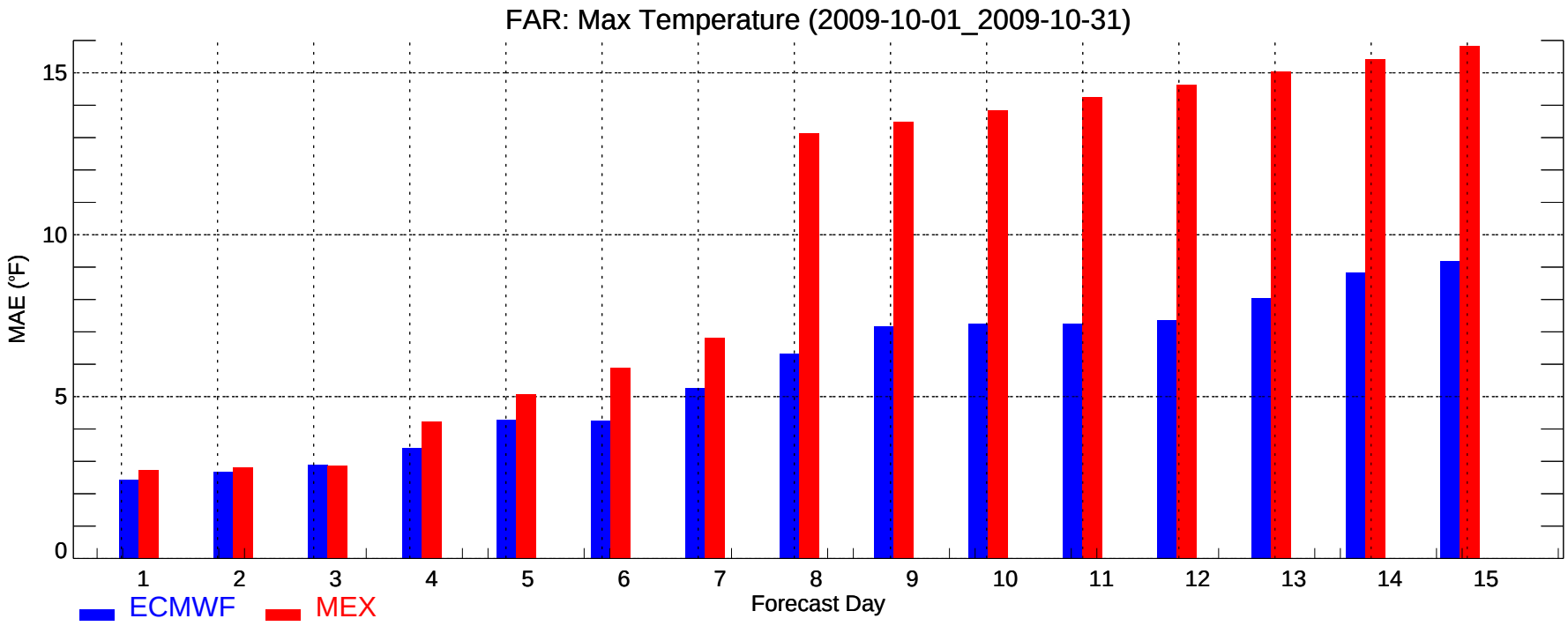
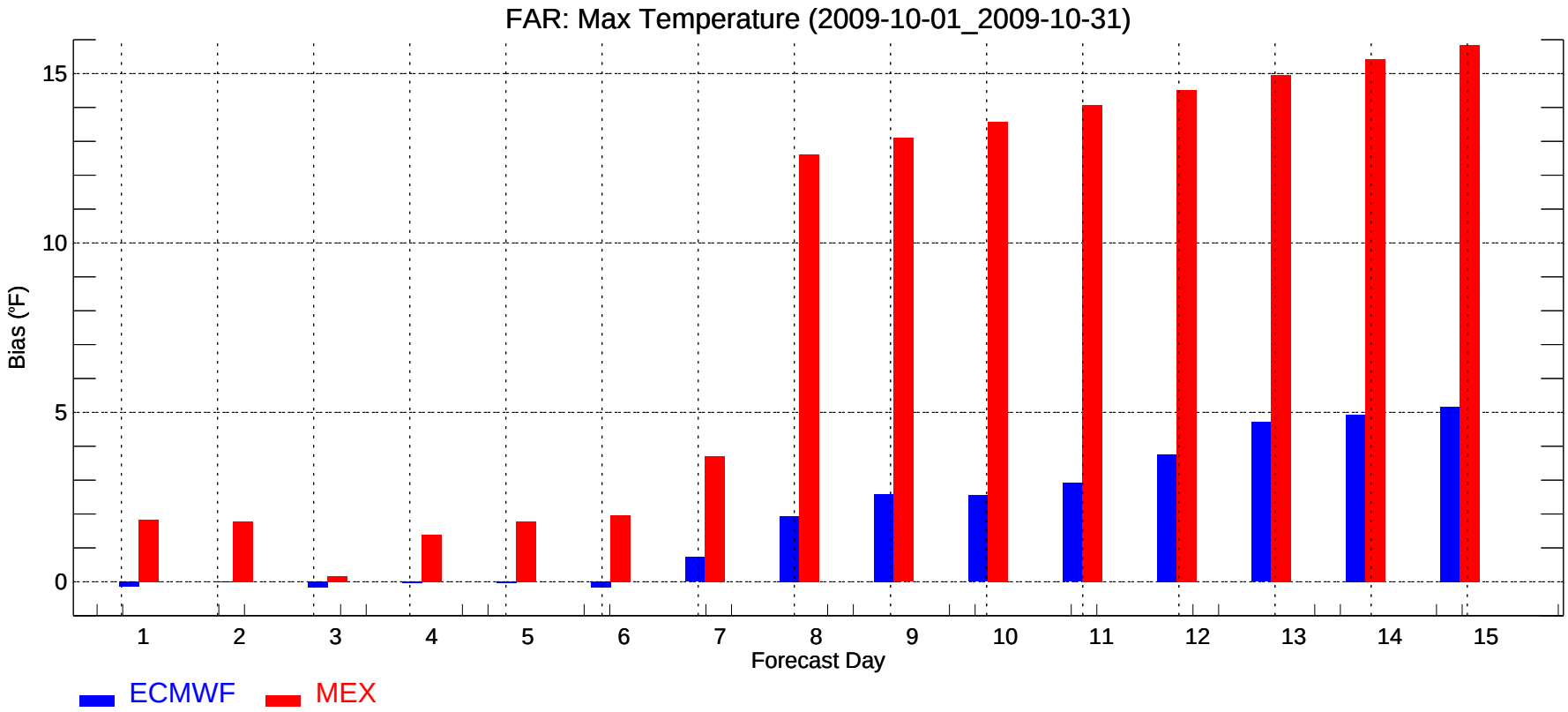
Forecast Day
ECMWF
MEX


FAR: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAR: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
1
2
3
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5
6
7
8
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13
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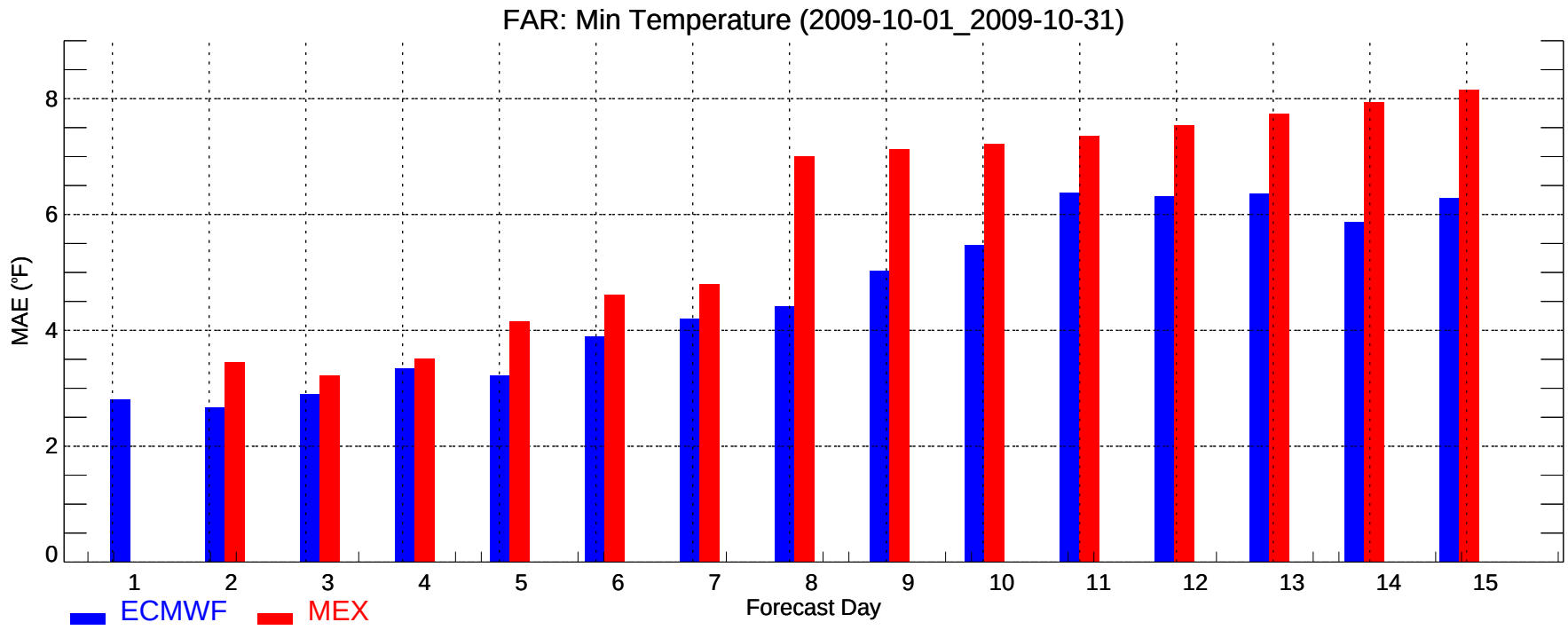
Forecast Day
ECMWF
MEX


FAR: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
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1
2
3
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8
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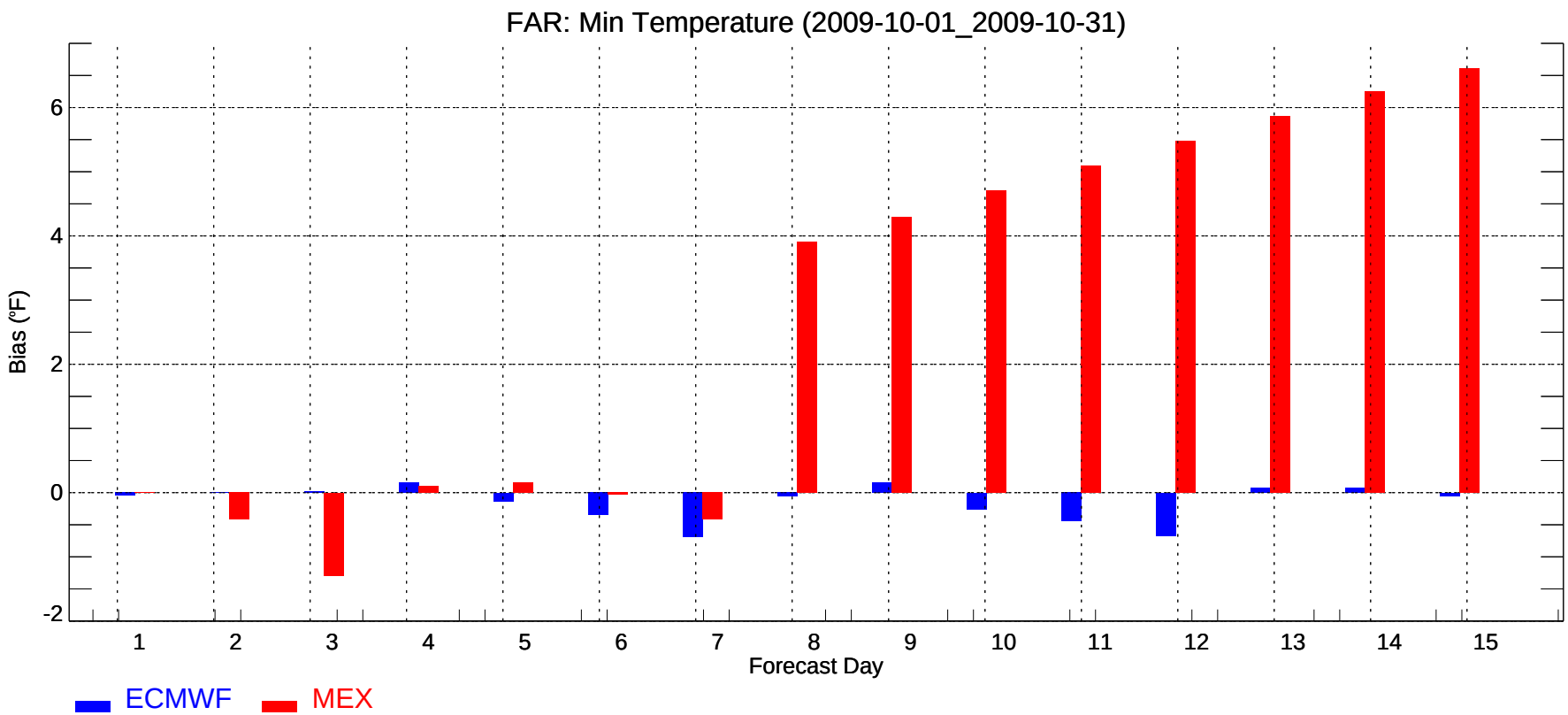
Forecast Day
ECMWF
MEX


FAR: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
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7
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13
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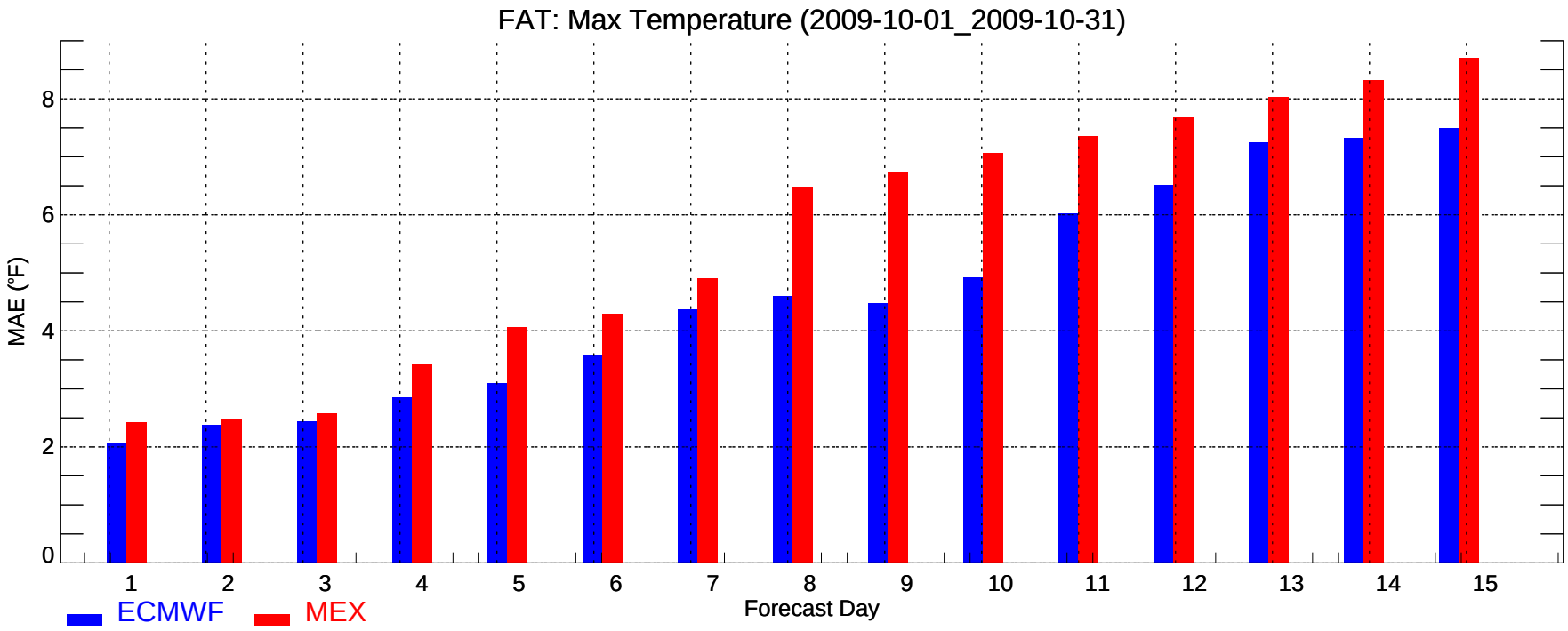
Forecast Day
ECMWF
MEX


FAT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
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2
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6
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8
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14
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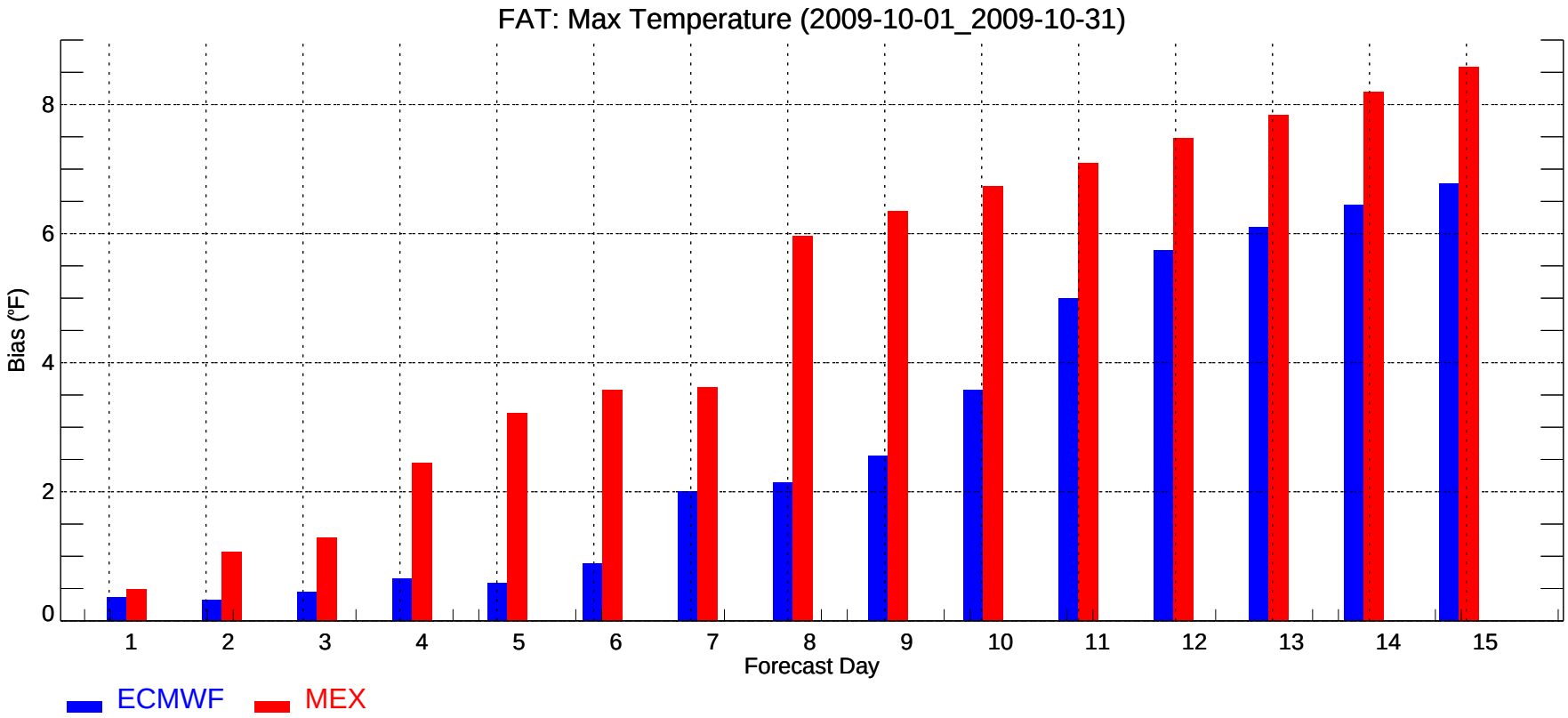
Forecast Day
ECMWF
MEX


FAT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
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14
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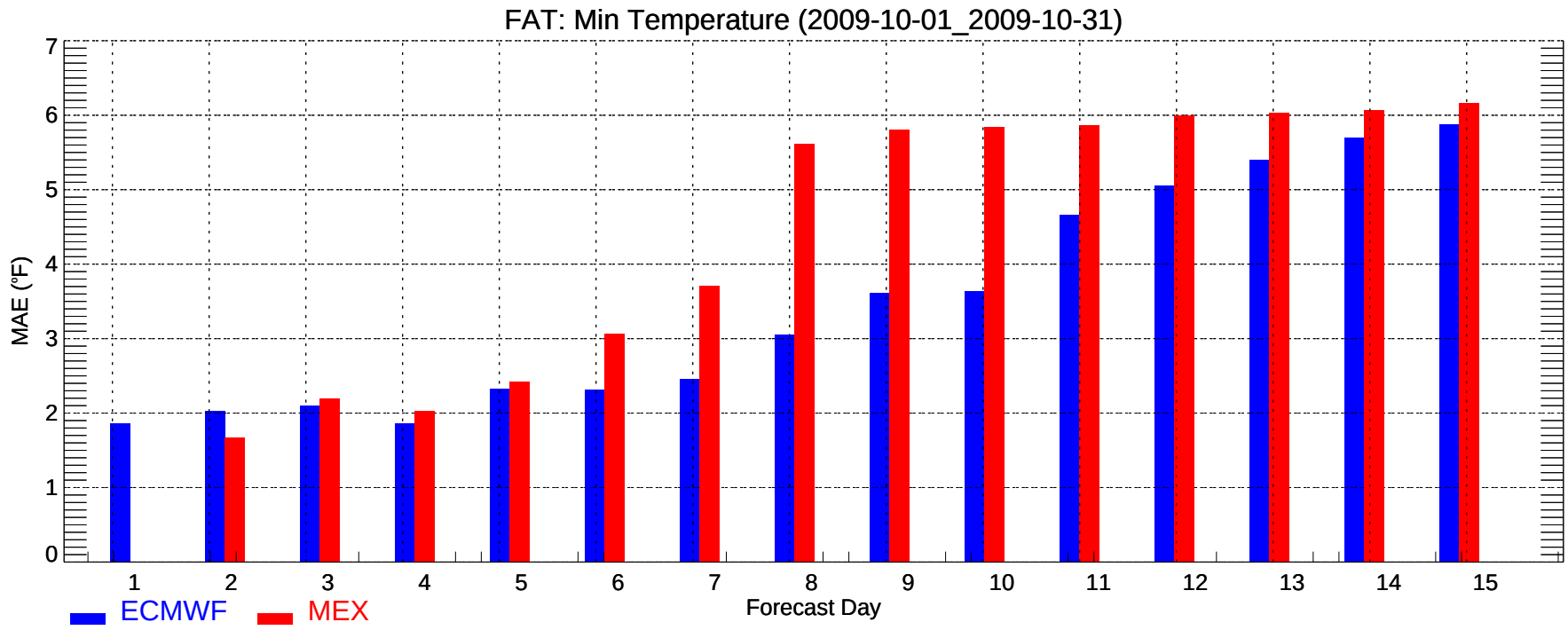
Forecast Day
ECMWF
MEX


FAT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
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1
2
3
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5
6
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13
14
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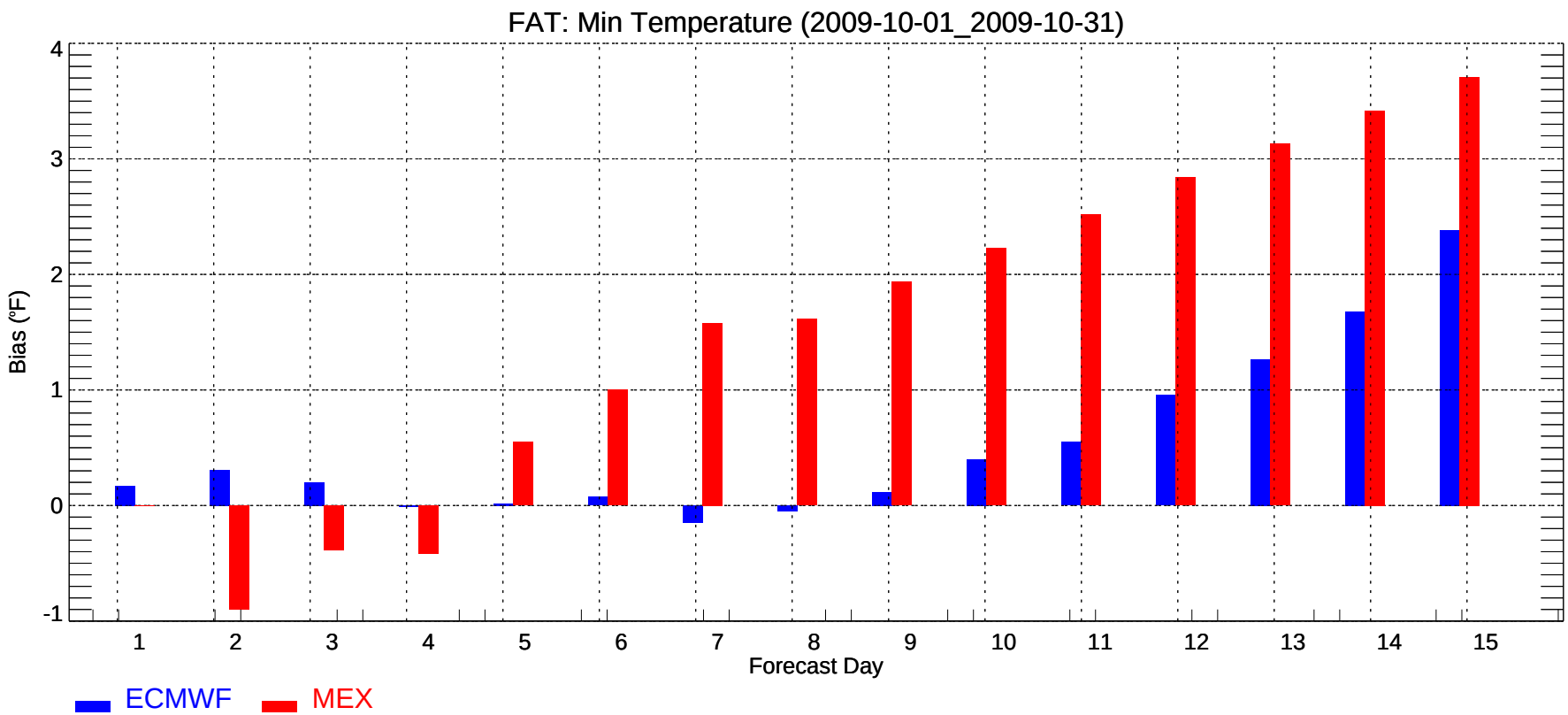
Forecast Day
ECMWF
MEX


FAT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
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6
7
8
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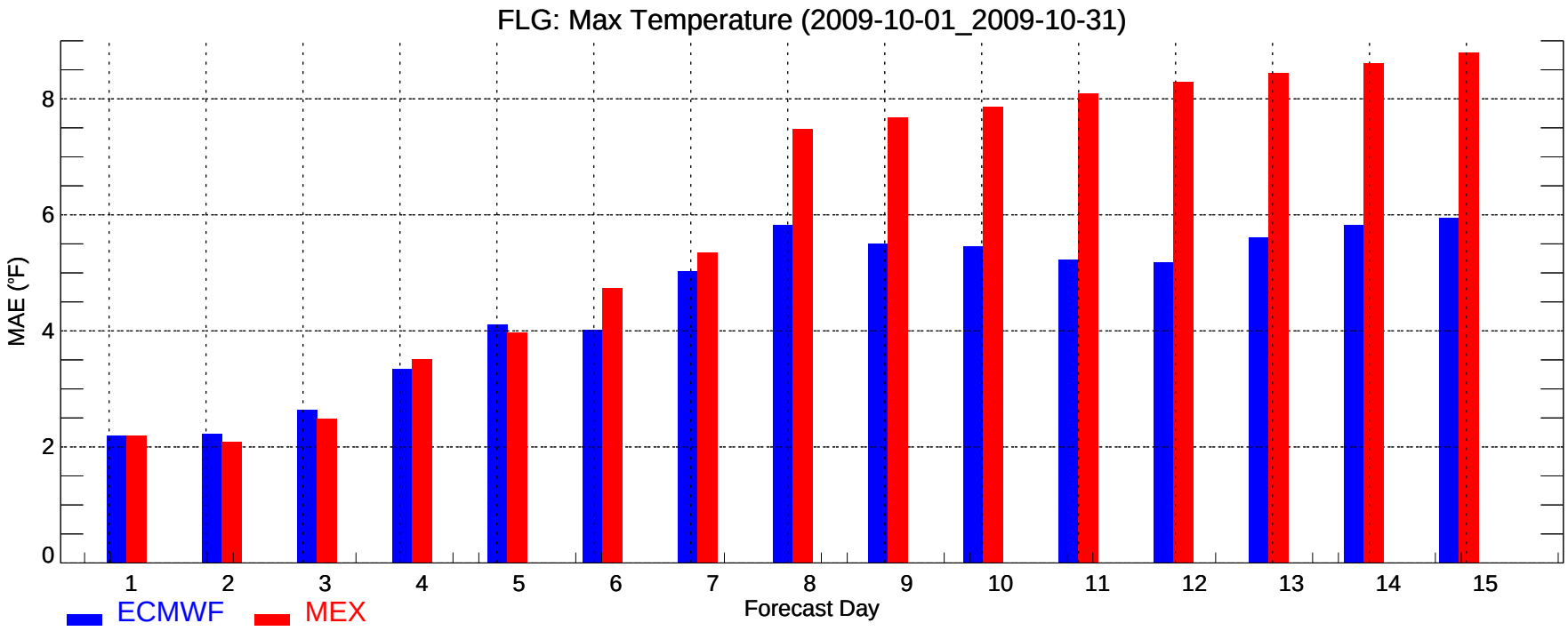
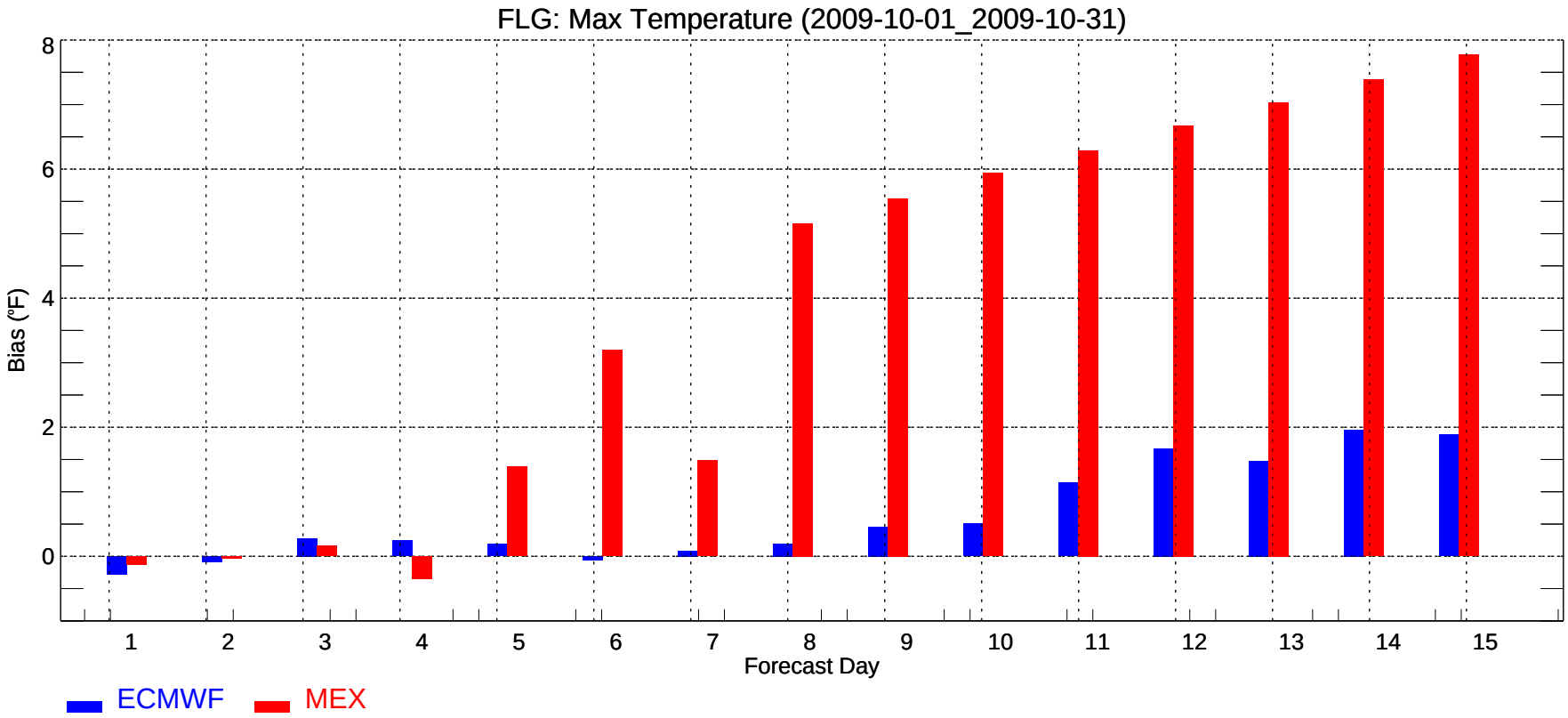
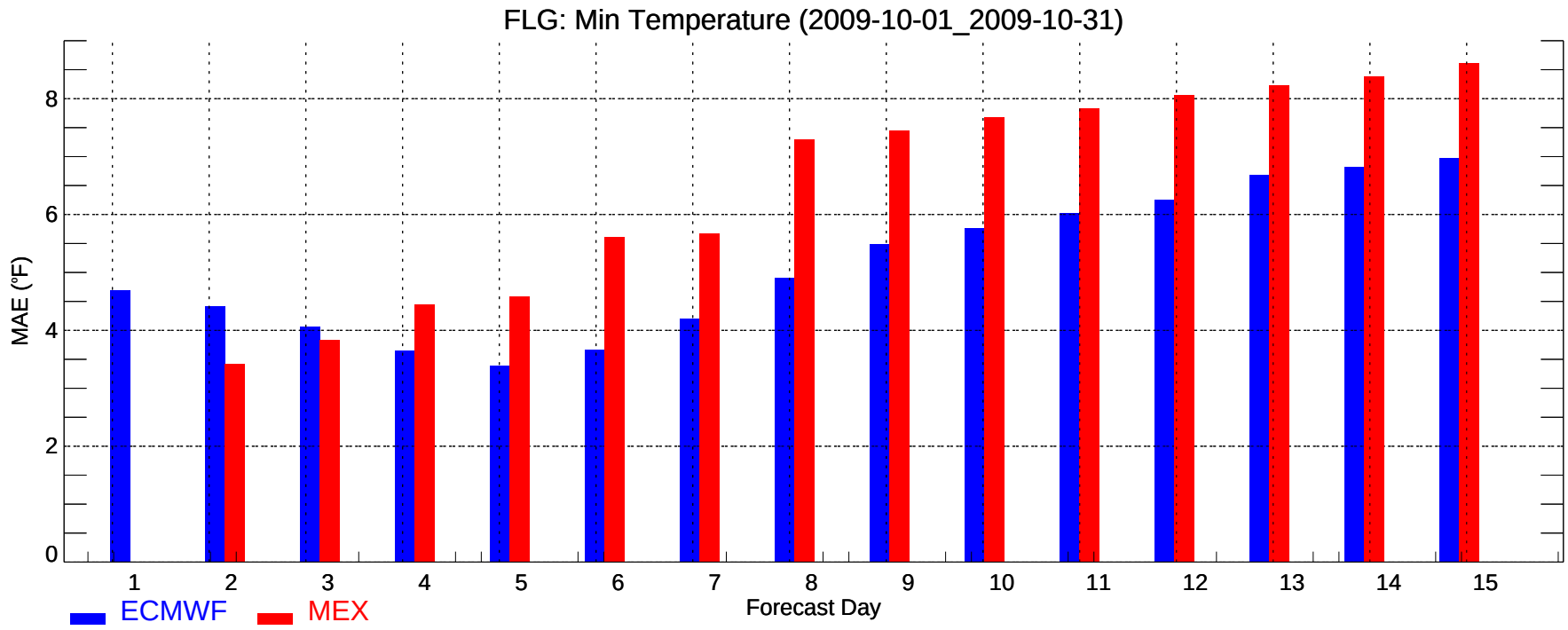
12
13
14
15
Forecast Day
ECMWF
MEX


FLG: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FLG: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FLG: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
7
8
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11
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13
14
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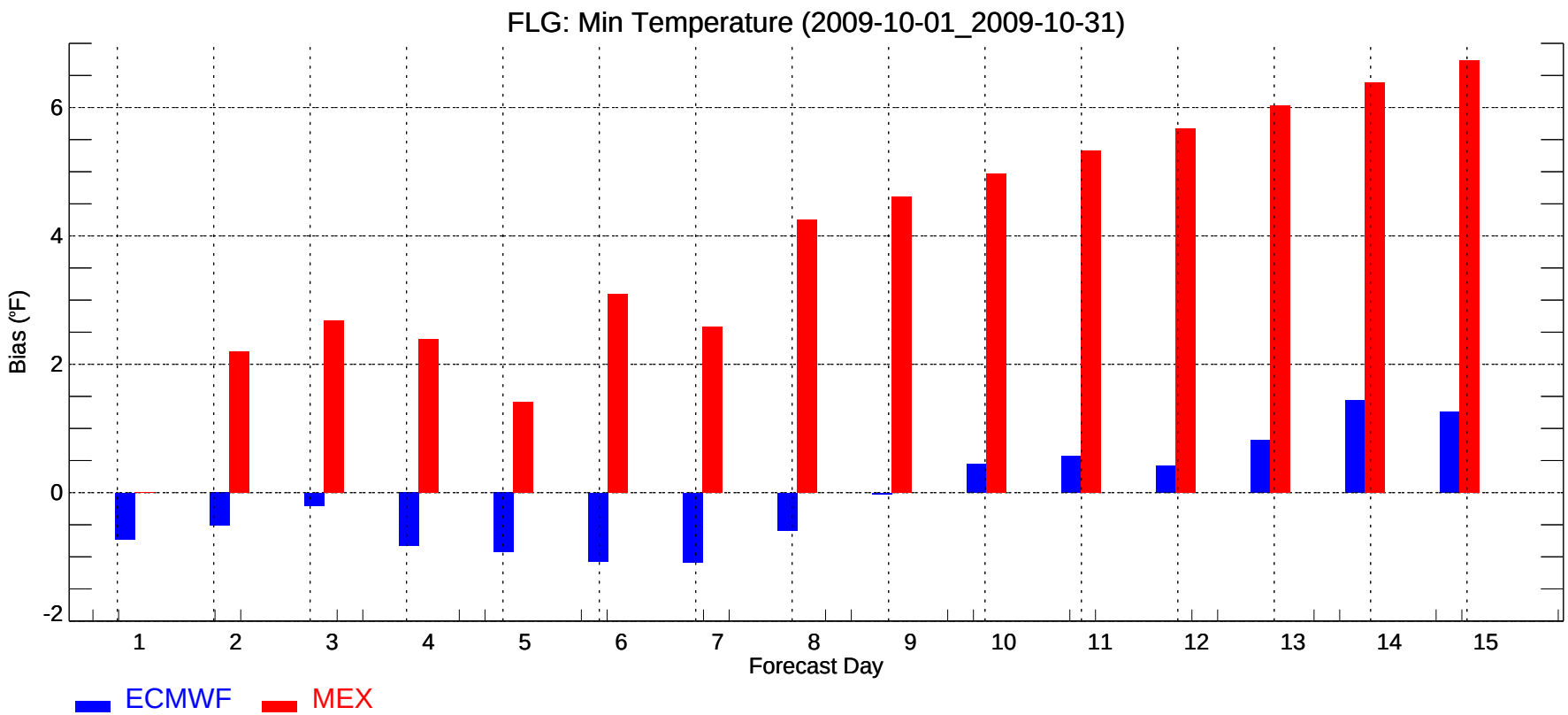
Forecast Day
ECMWF
MEX


FLG: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
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5
6
7
8
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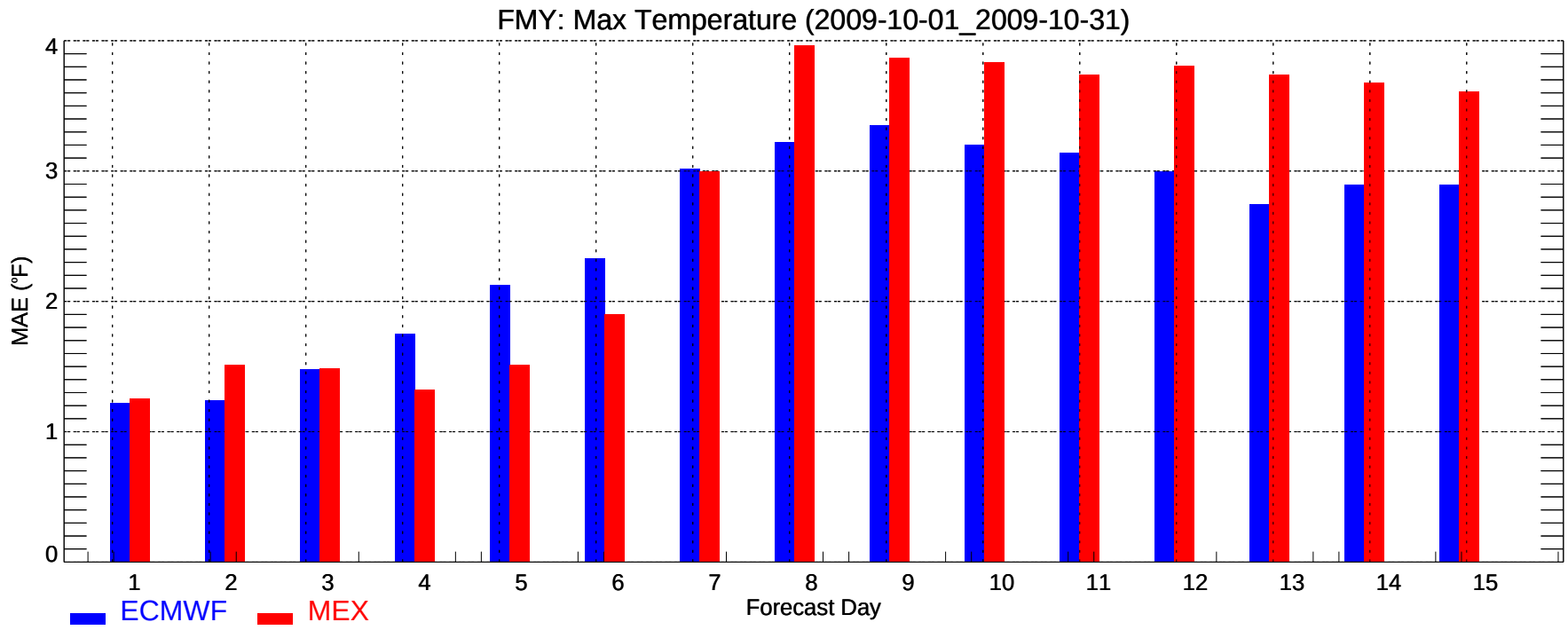
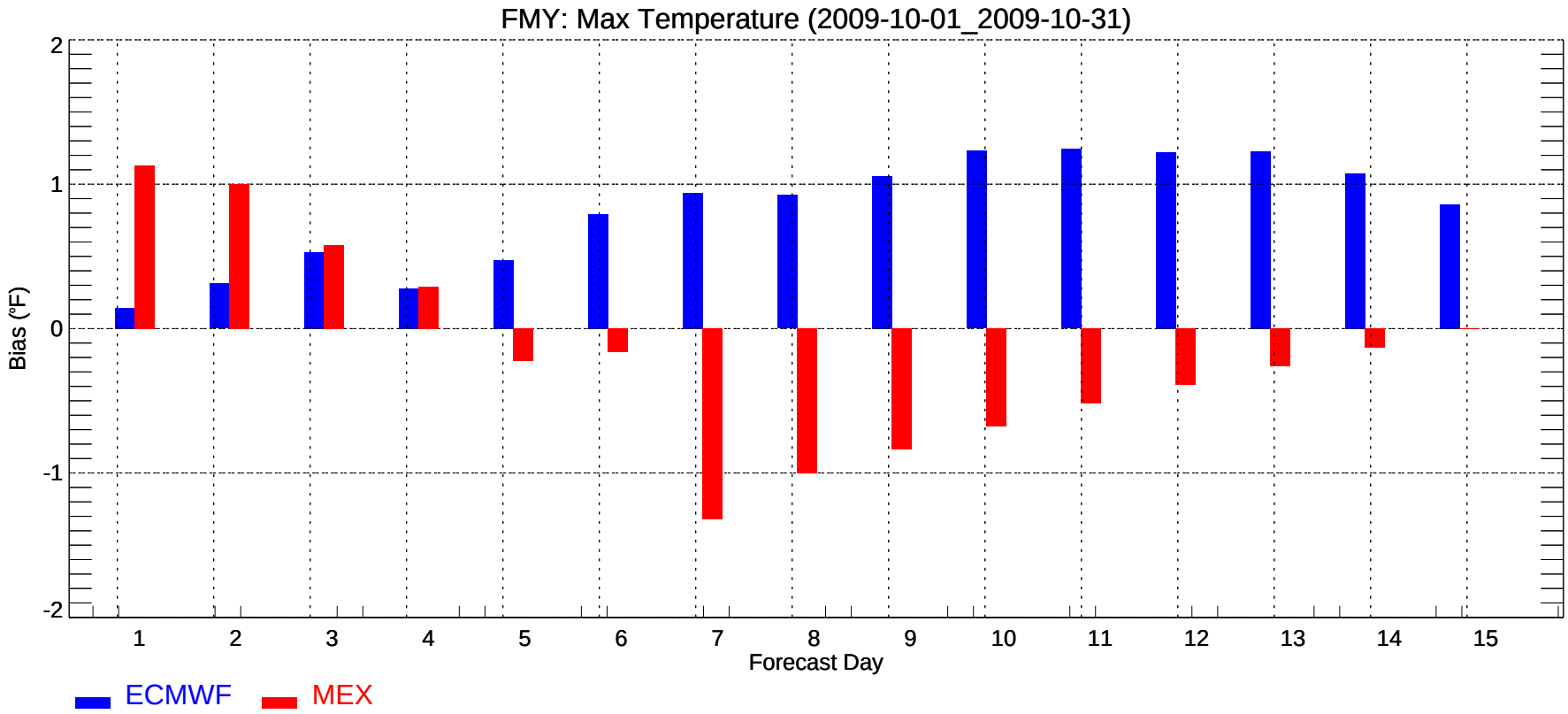
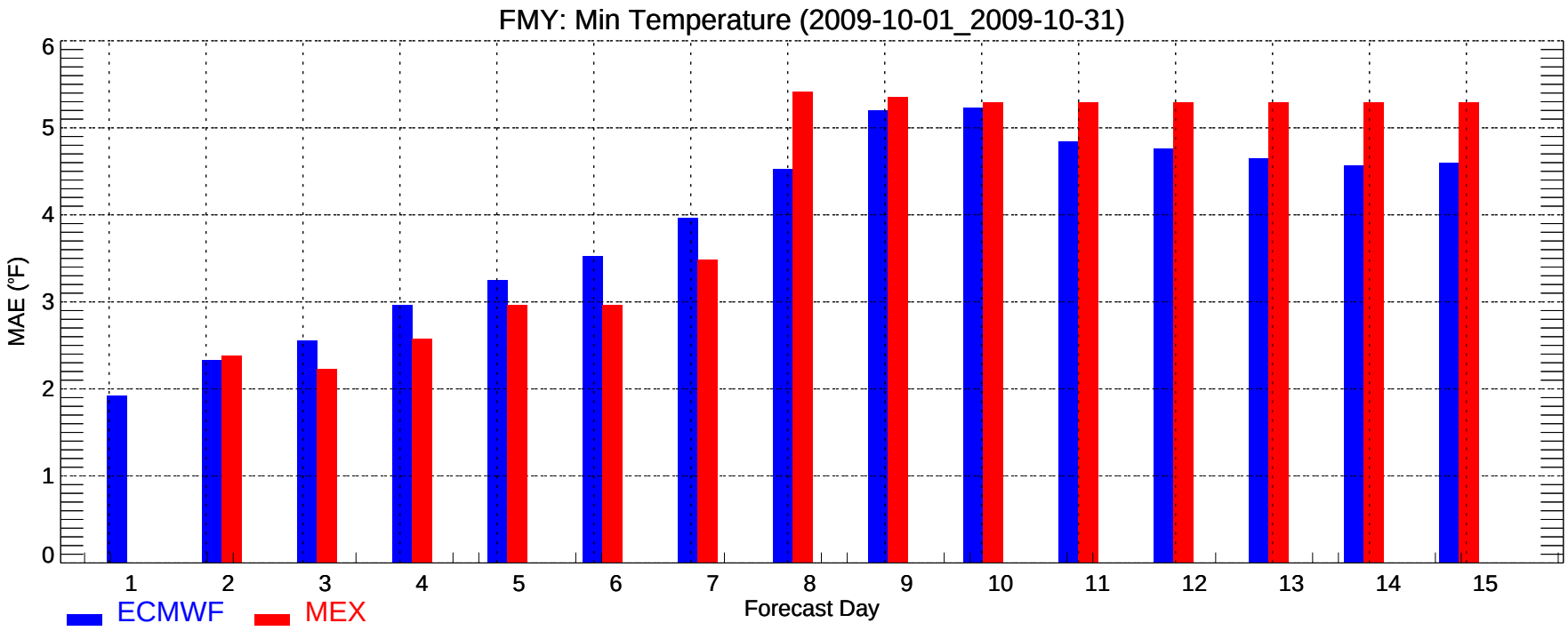
12
13
14
15
Forecast Day
ECMWF
MEX


FMY: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FMY: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FMY: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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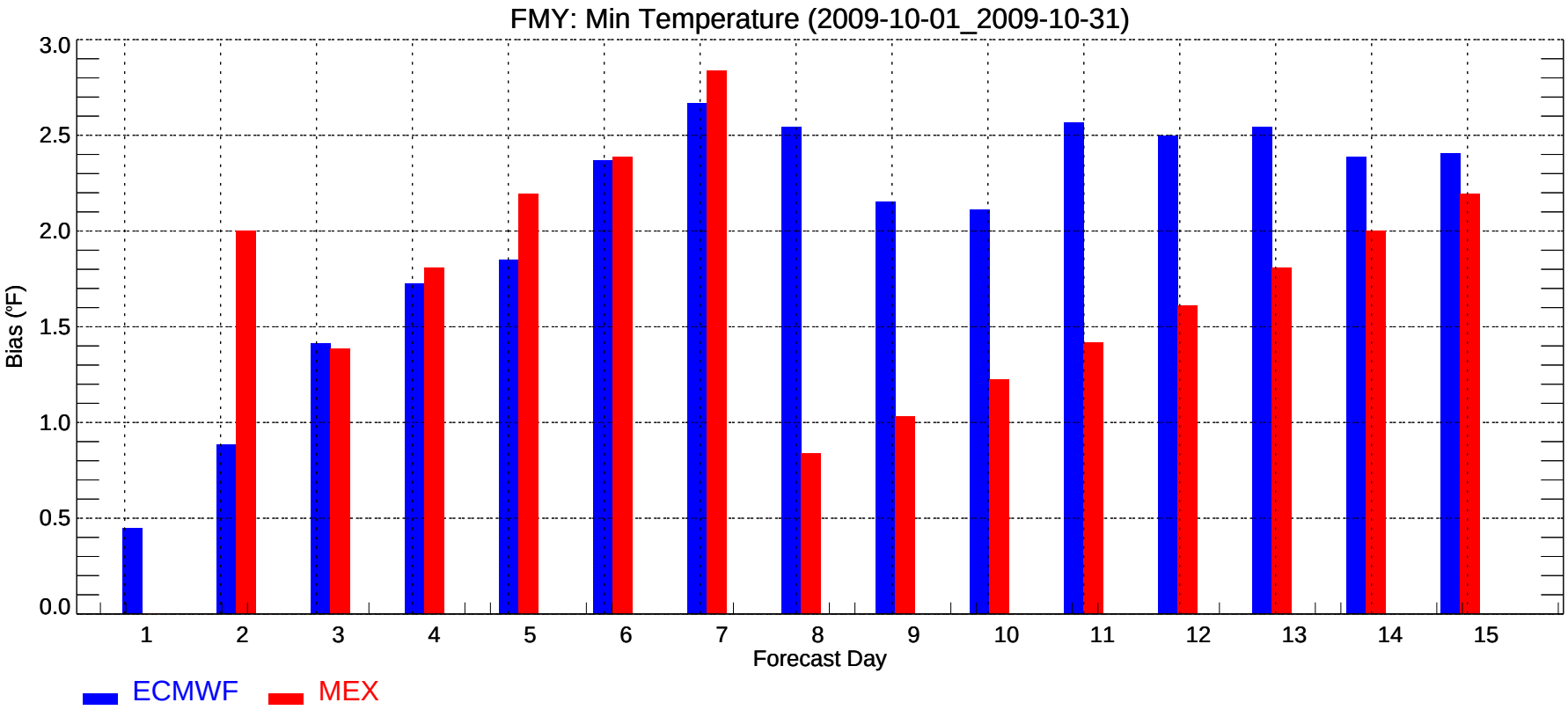
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FMY: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1
2
3
4
5
6
7
8
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10
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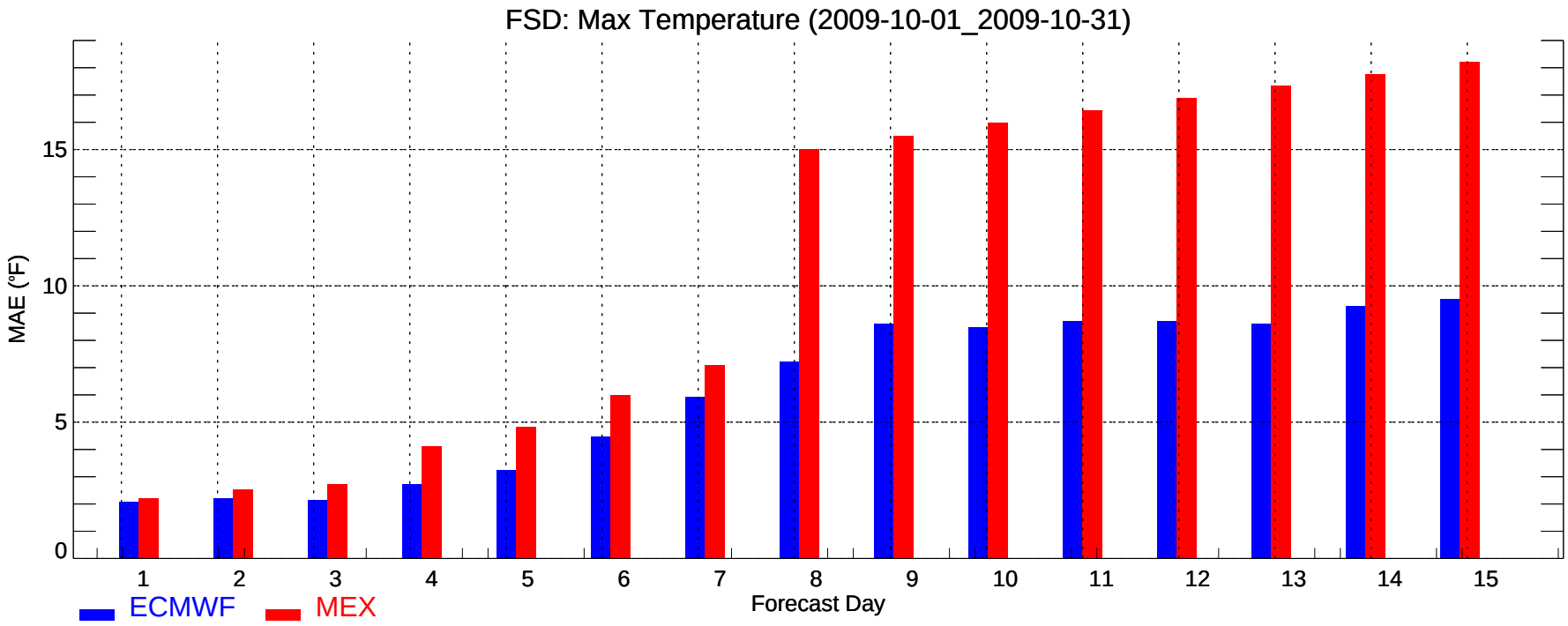
12
13
14
15
Forecast Day
ECMWF
MEX


FSD: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
5
10
15
1
2
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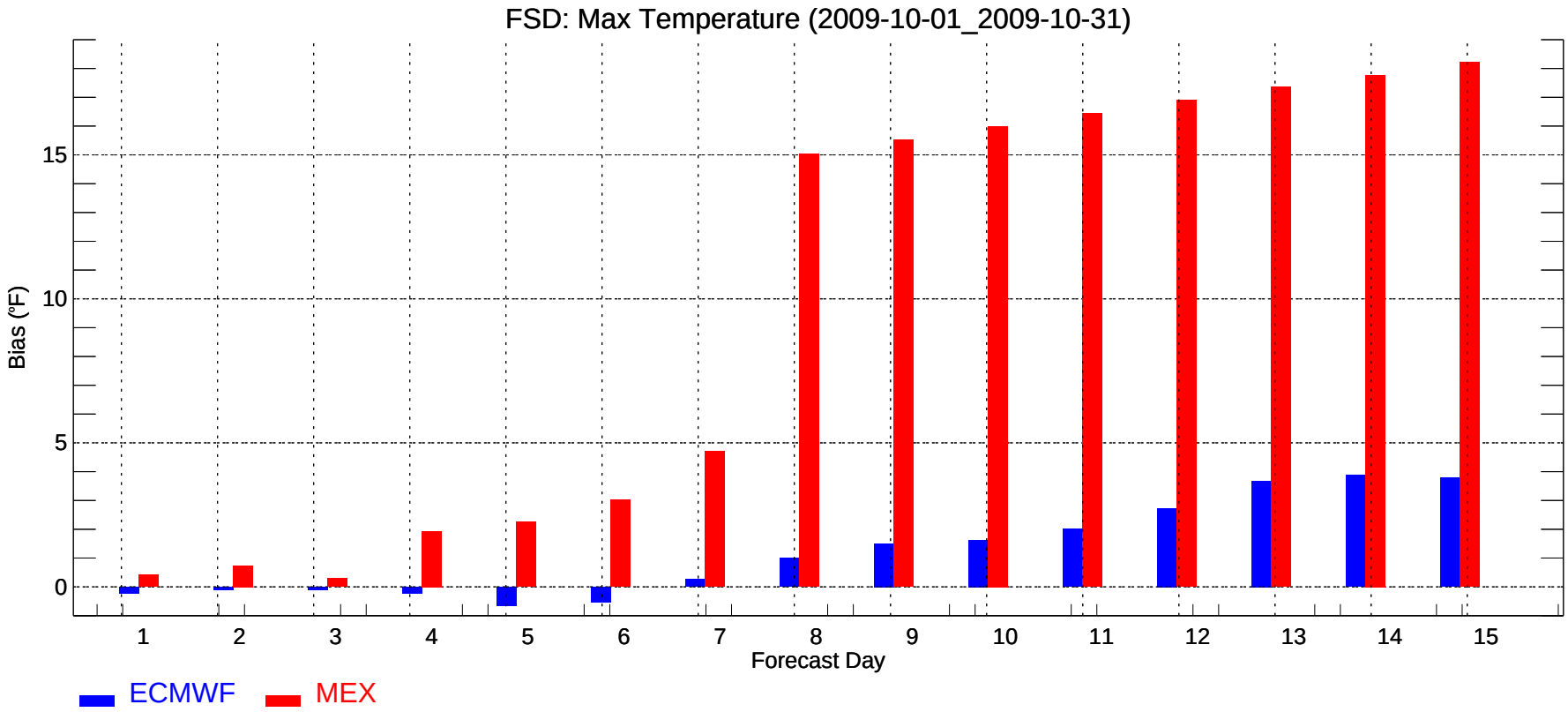
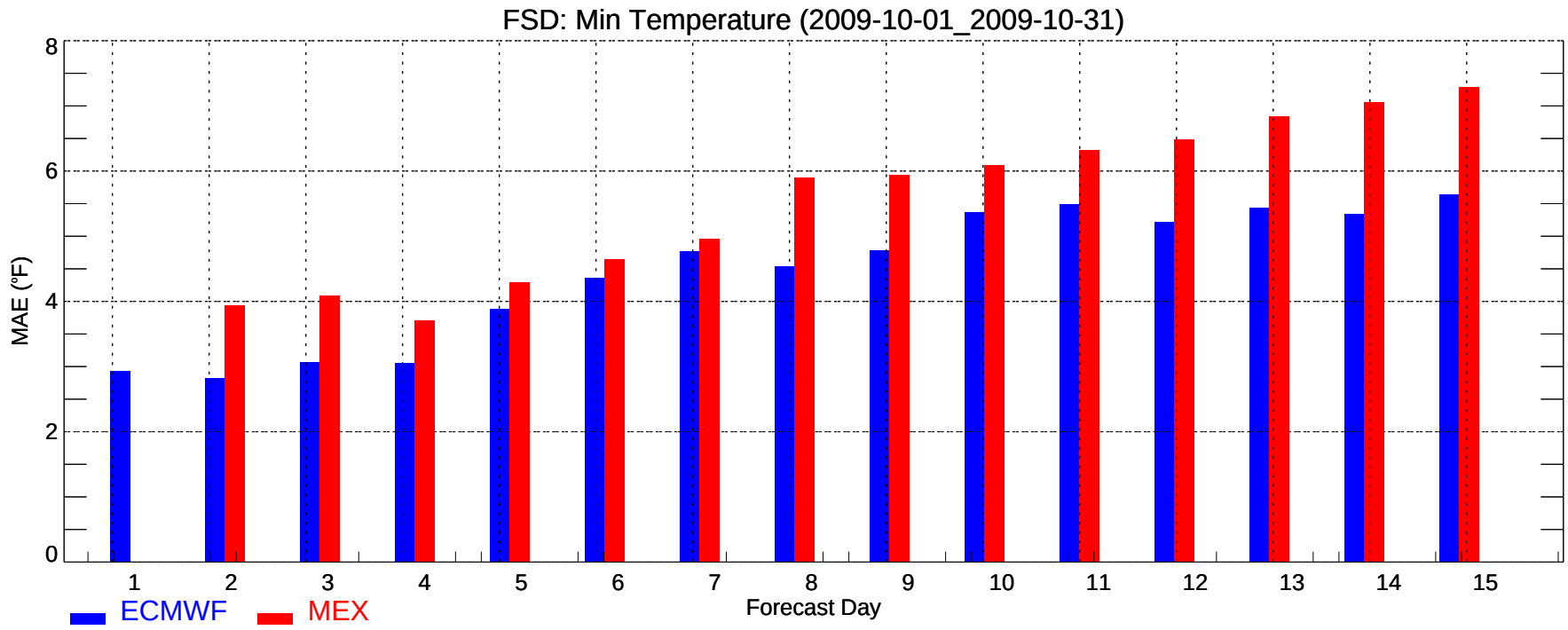
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FSD: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FSD: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
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12
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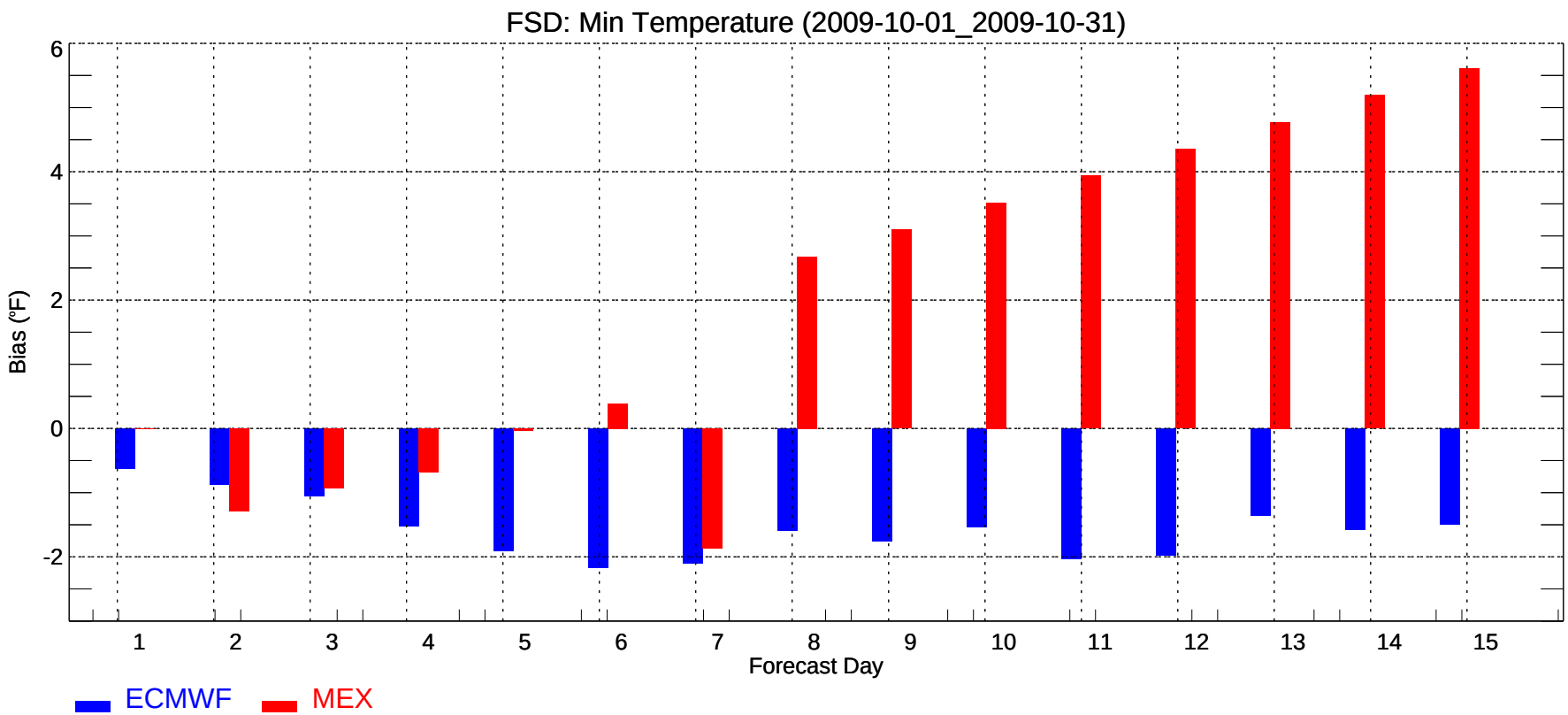
14
15
Forecast Day
ECMWF
MEX


FSD: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
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8
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10
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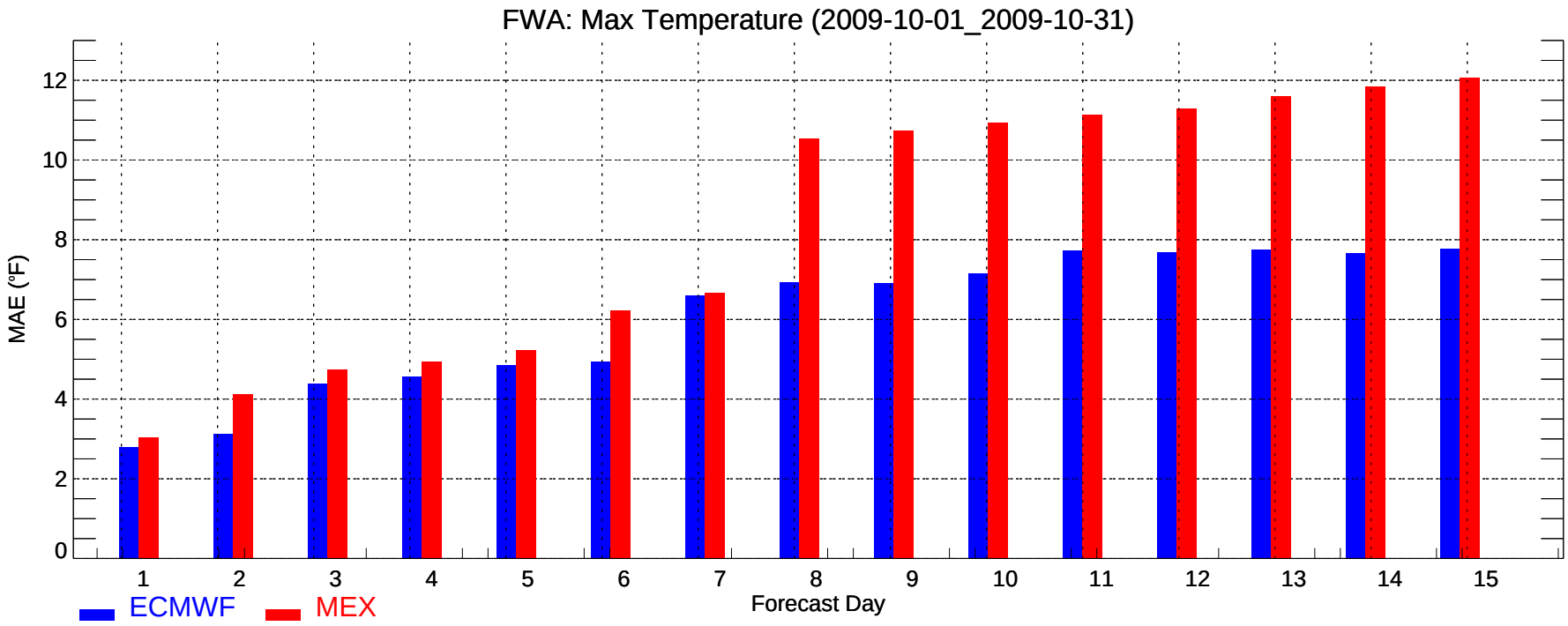
14
15
Forecast Day
ECMWF
MEX


FWA: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
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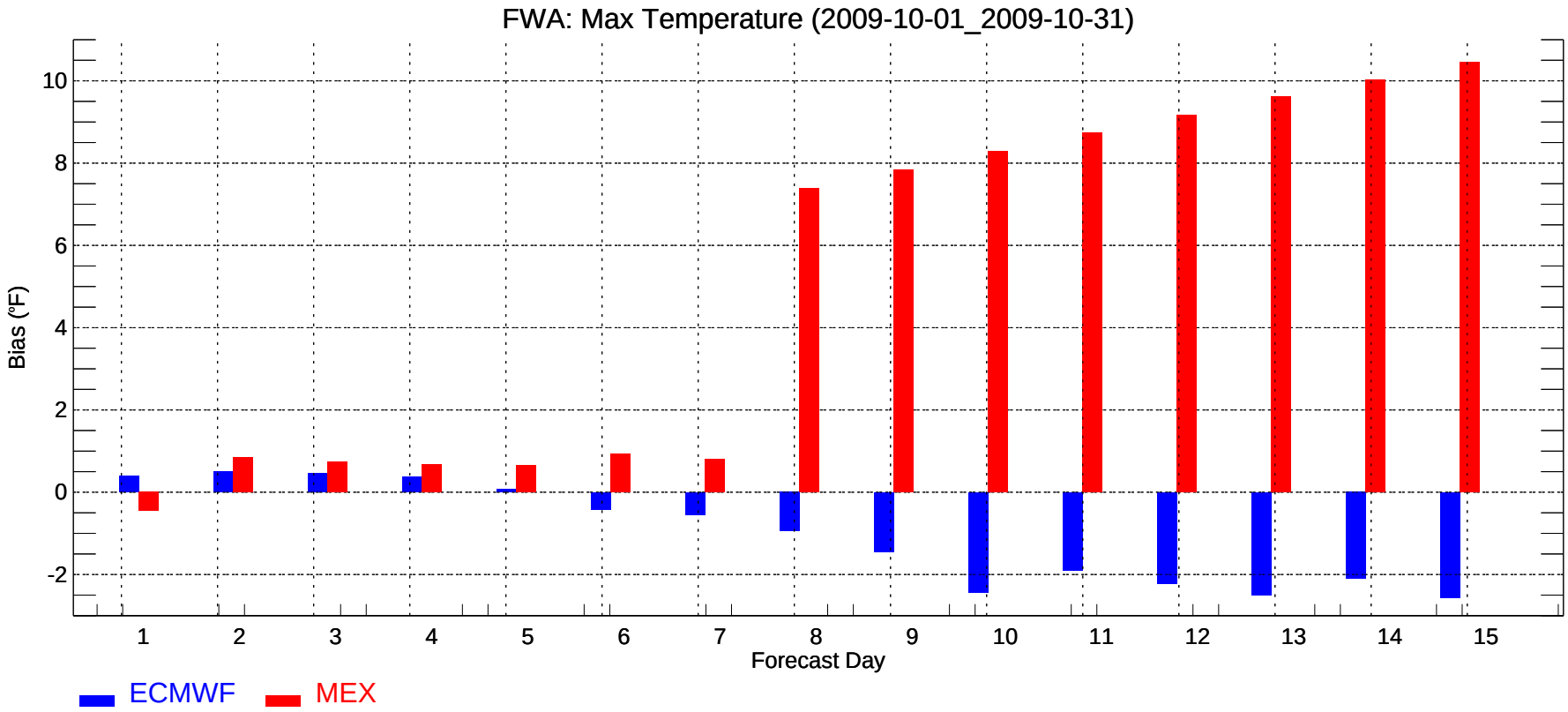
14
15
Forecast Day
ECMWF
MEX


FWA: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
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14
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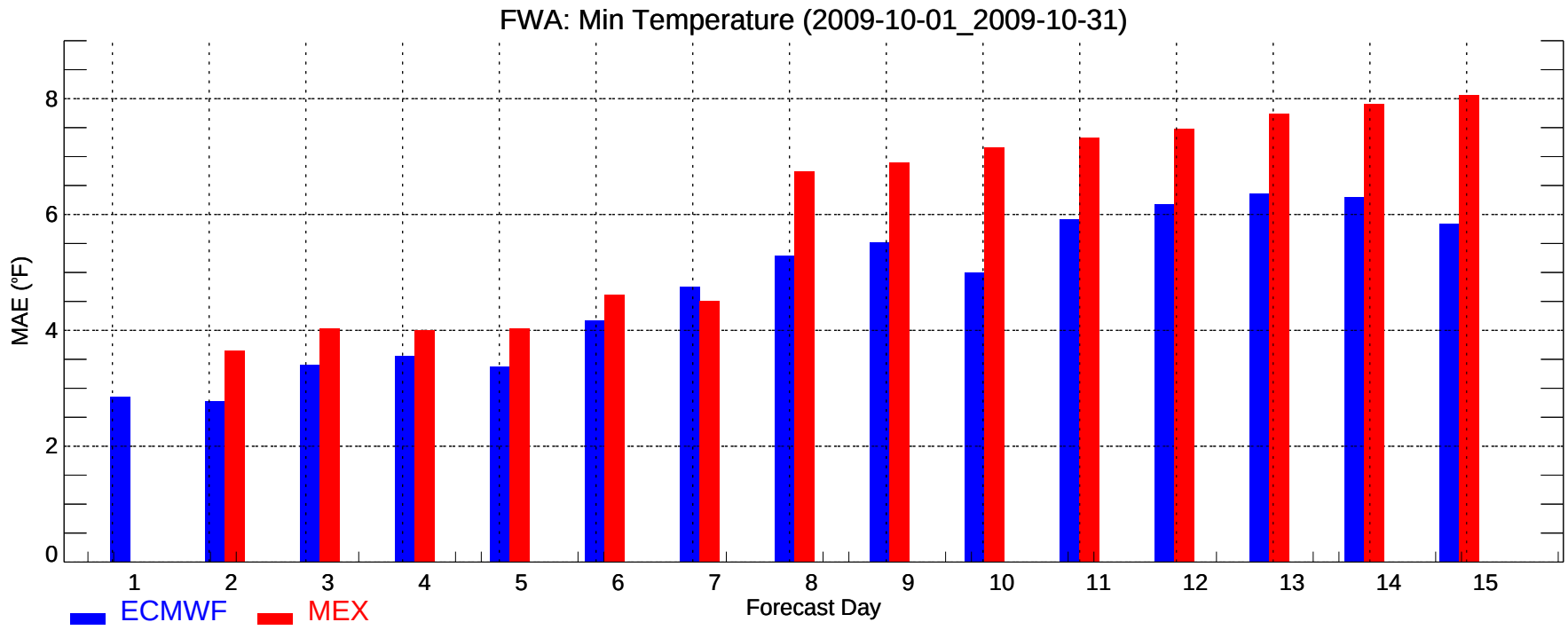
Forecast Day
ECMWF
MEX


FWA: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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8
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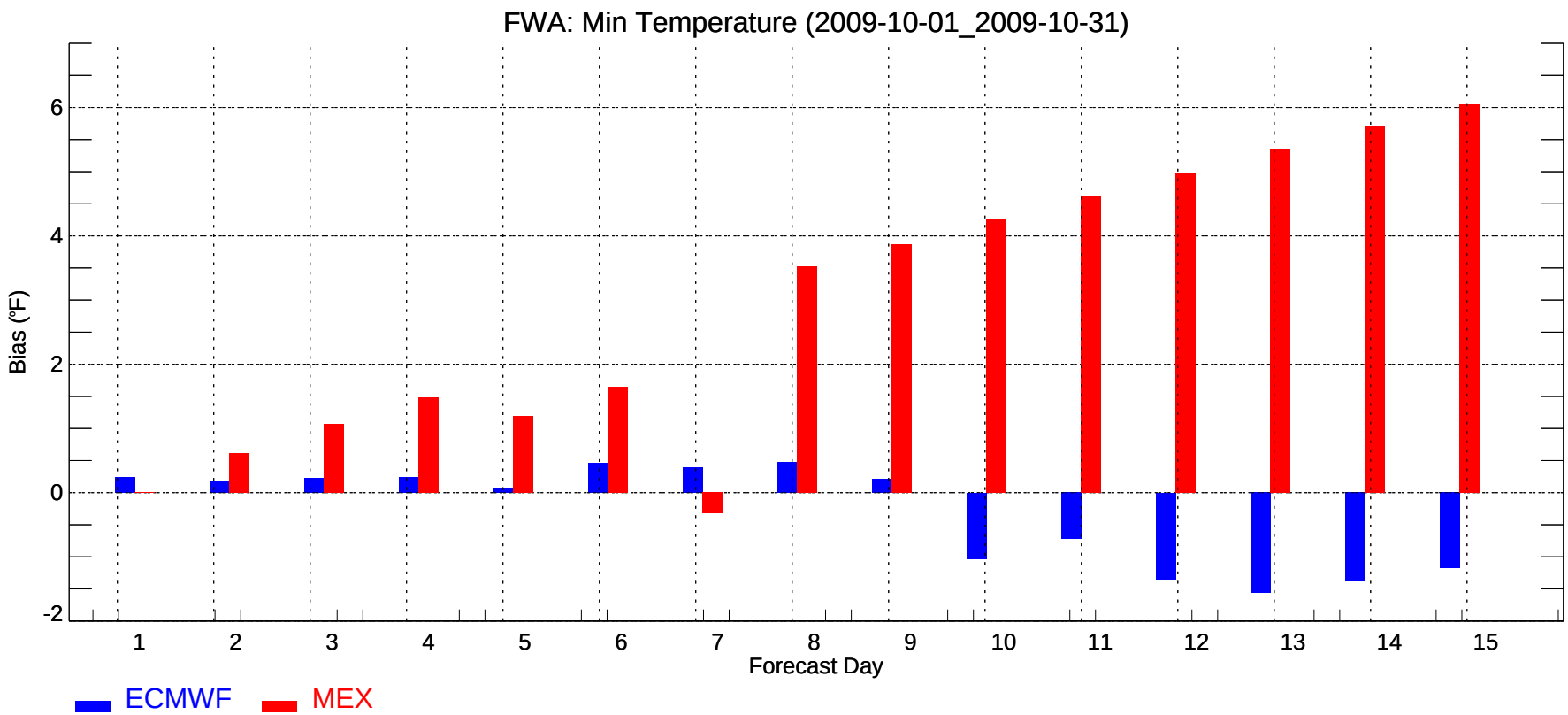
Forecast Day
ECMWF
MEX


FWA: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
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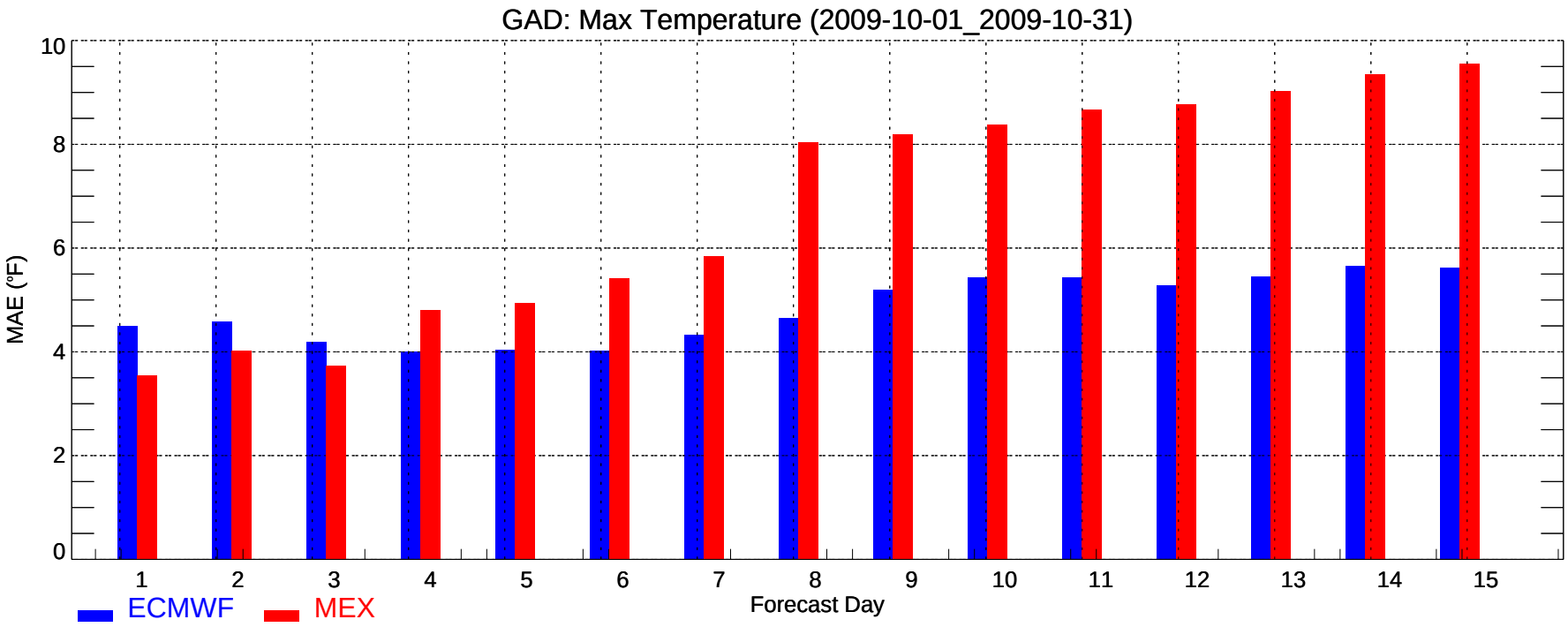
Forecast Day
ECMWF
MEX


GAD: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
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10
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2
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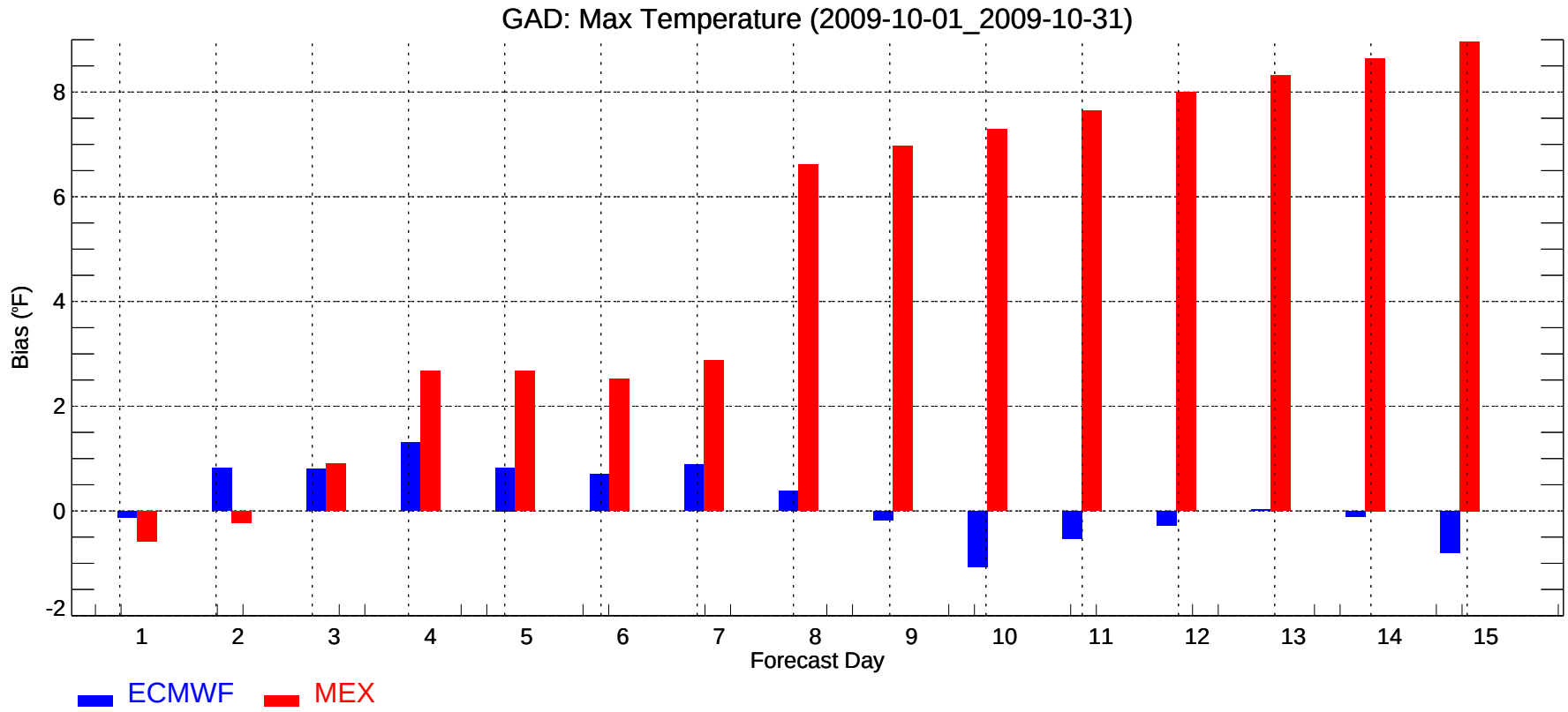
Forecast Day
ECMWF
MEX


GAD: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
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8
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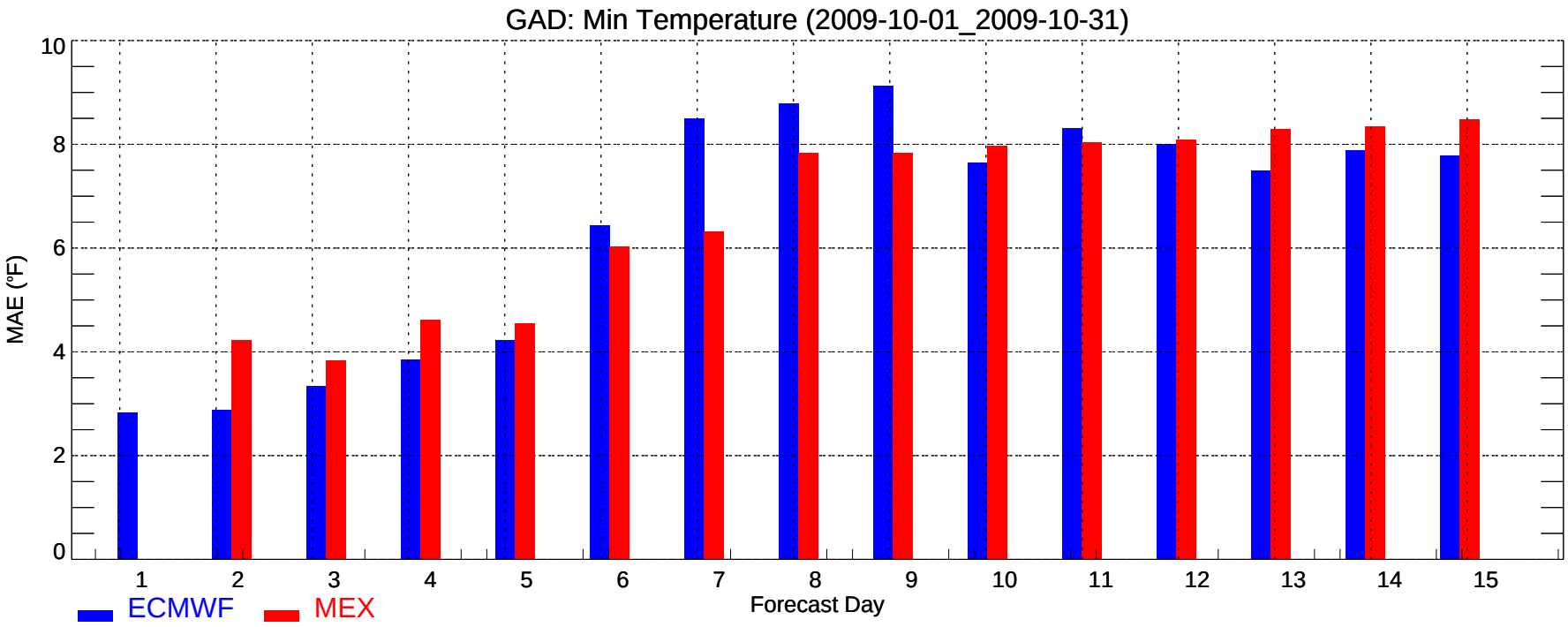
Forecast Day
ECMWF
MEX


GAD: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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2
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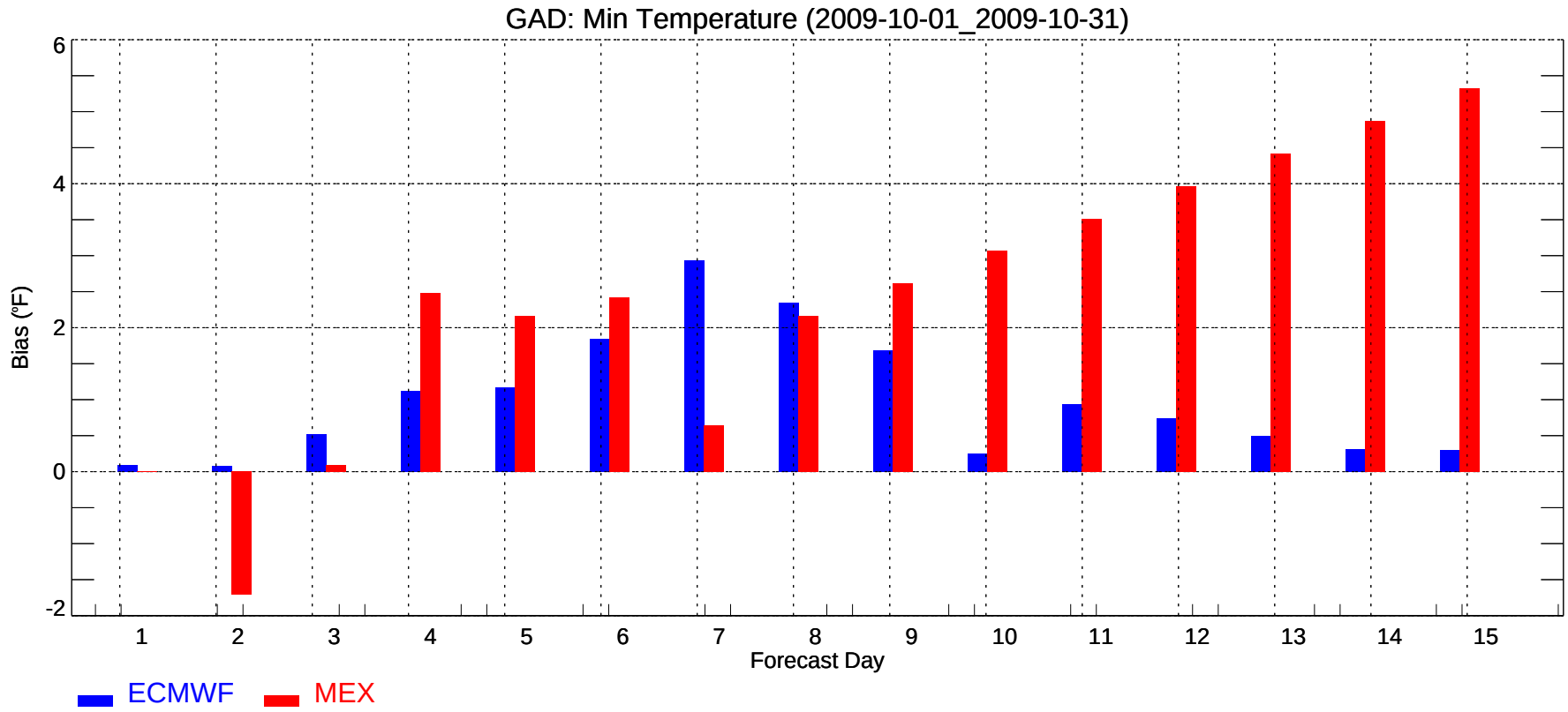
Forecast Day
ECMWF
MEX


GAD: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
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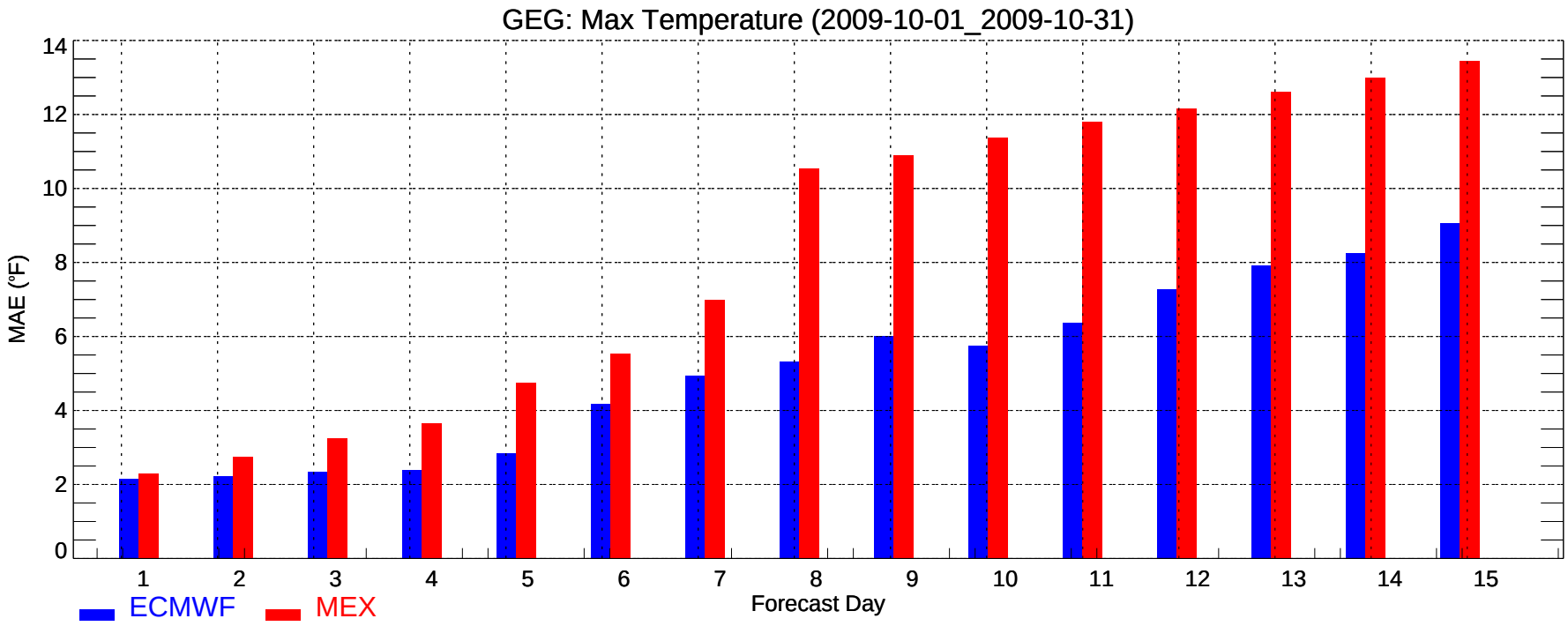
Forecast Day
ECMWF
MEX


GEG: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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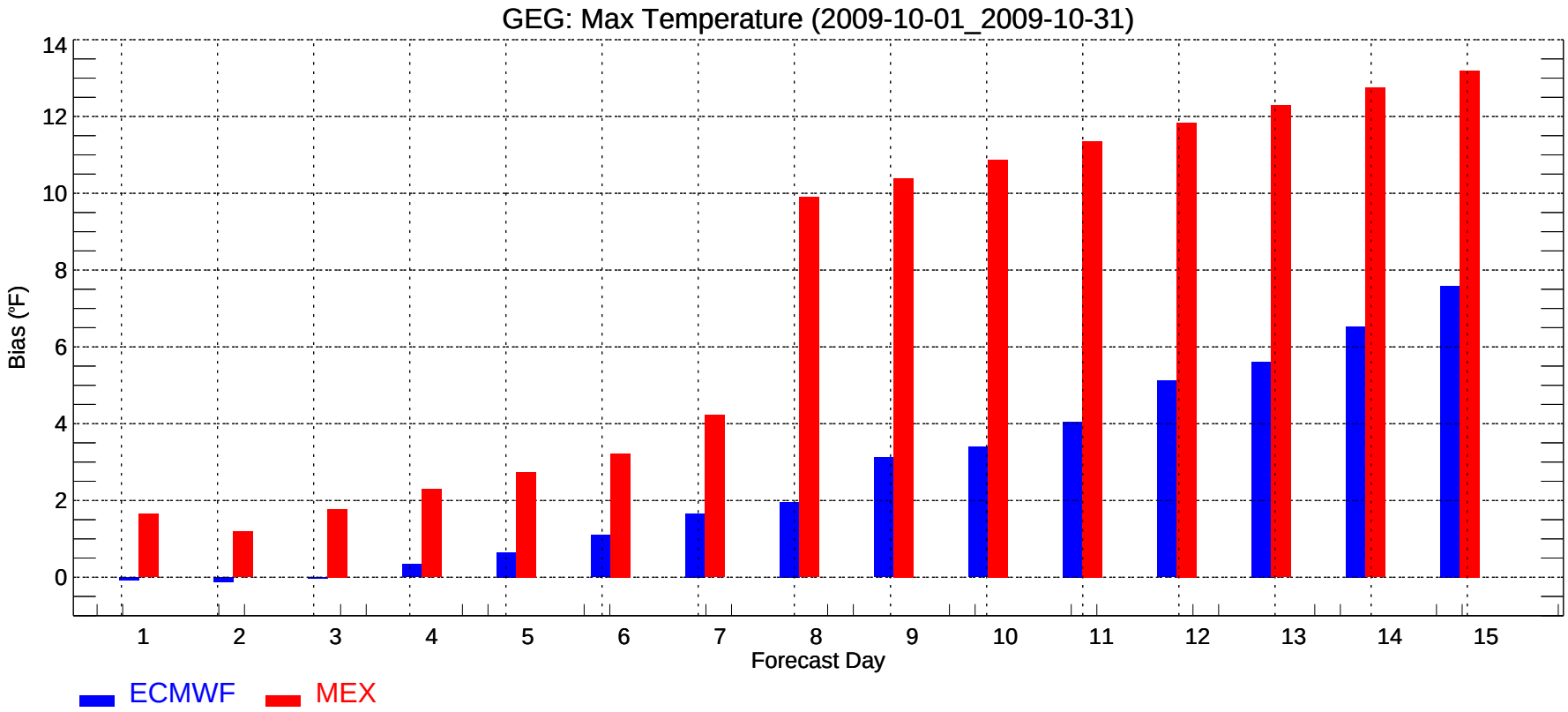
14
15
Forecast Day
ECMWF
MEX


GEG: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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14
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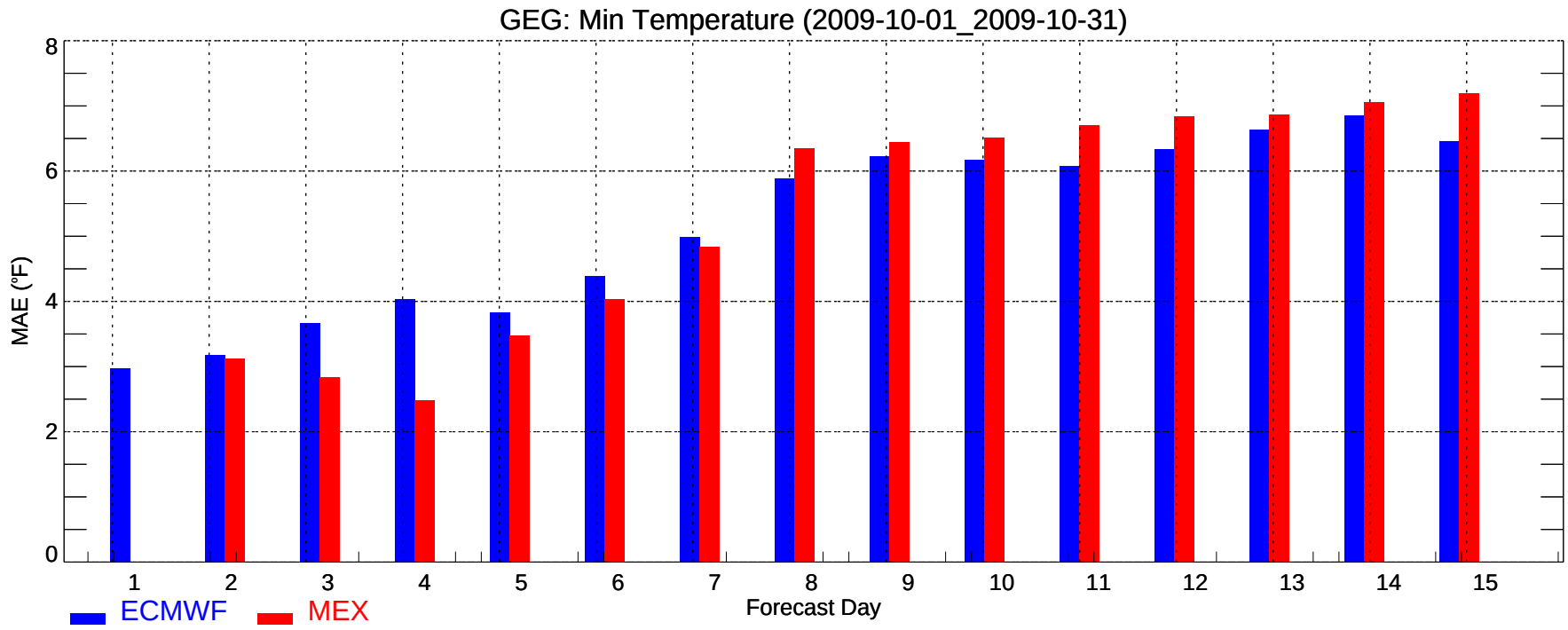
Forecast Day
ECMWF
MEX


GEG: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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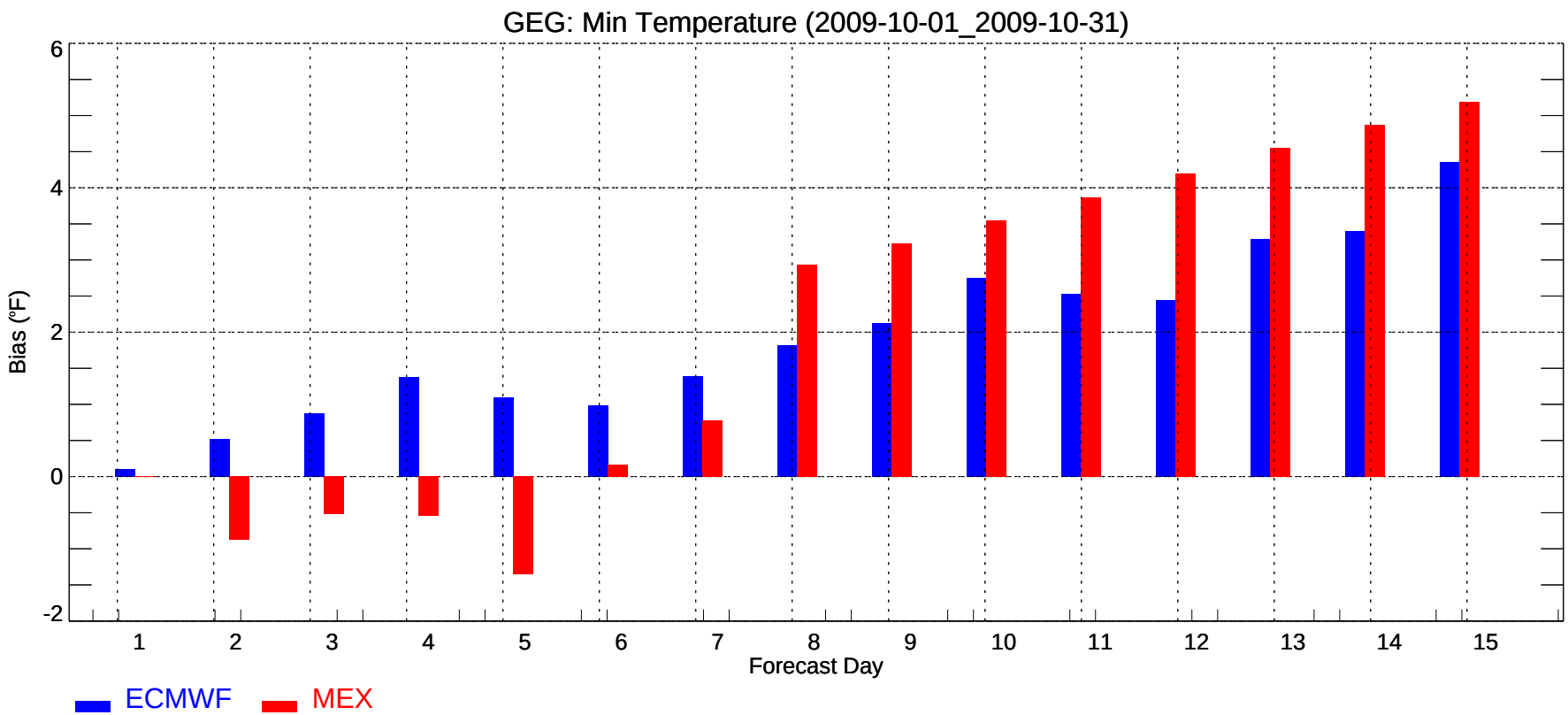
Forecast Day
ECMWF
MEX


GEG: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
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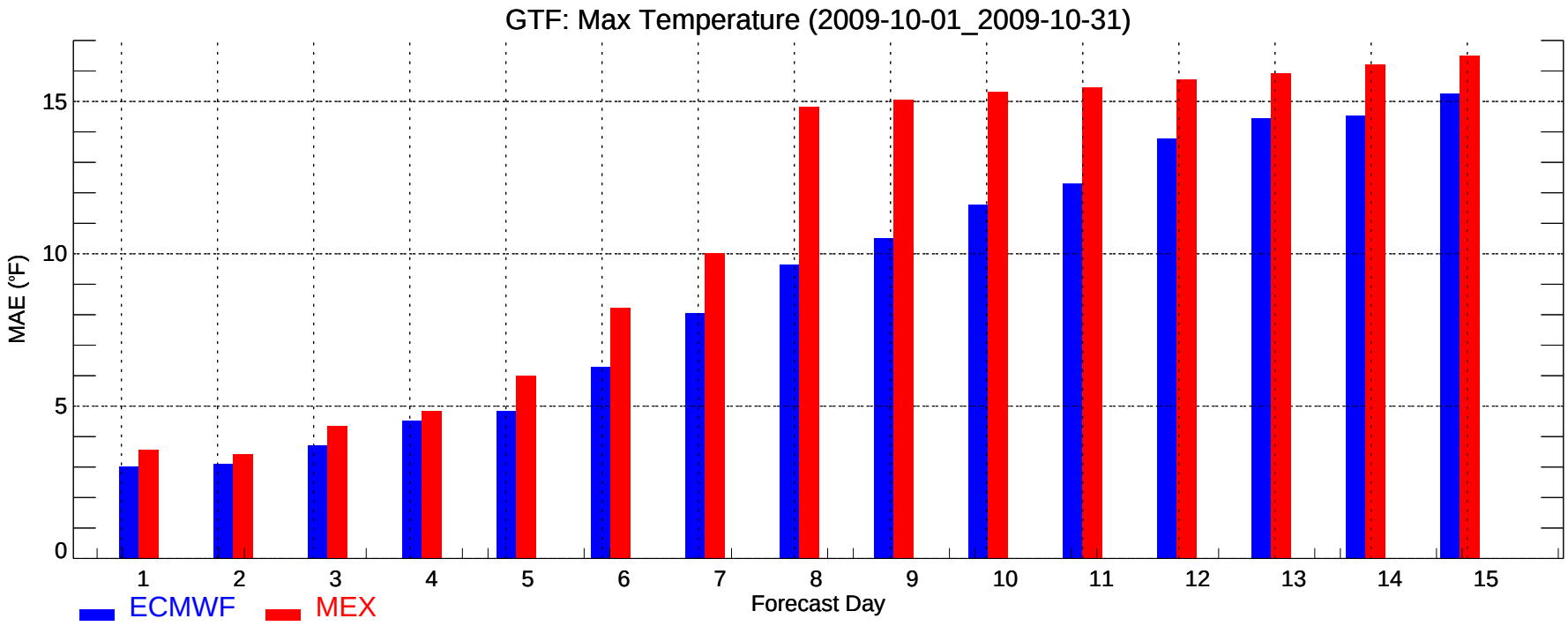
Forecast Day
ECMWF
MEX


GTF: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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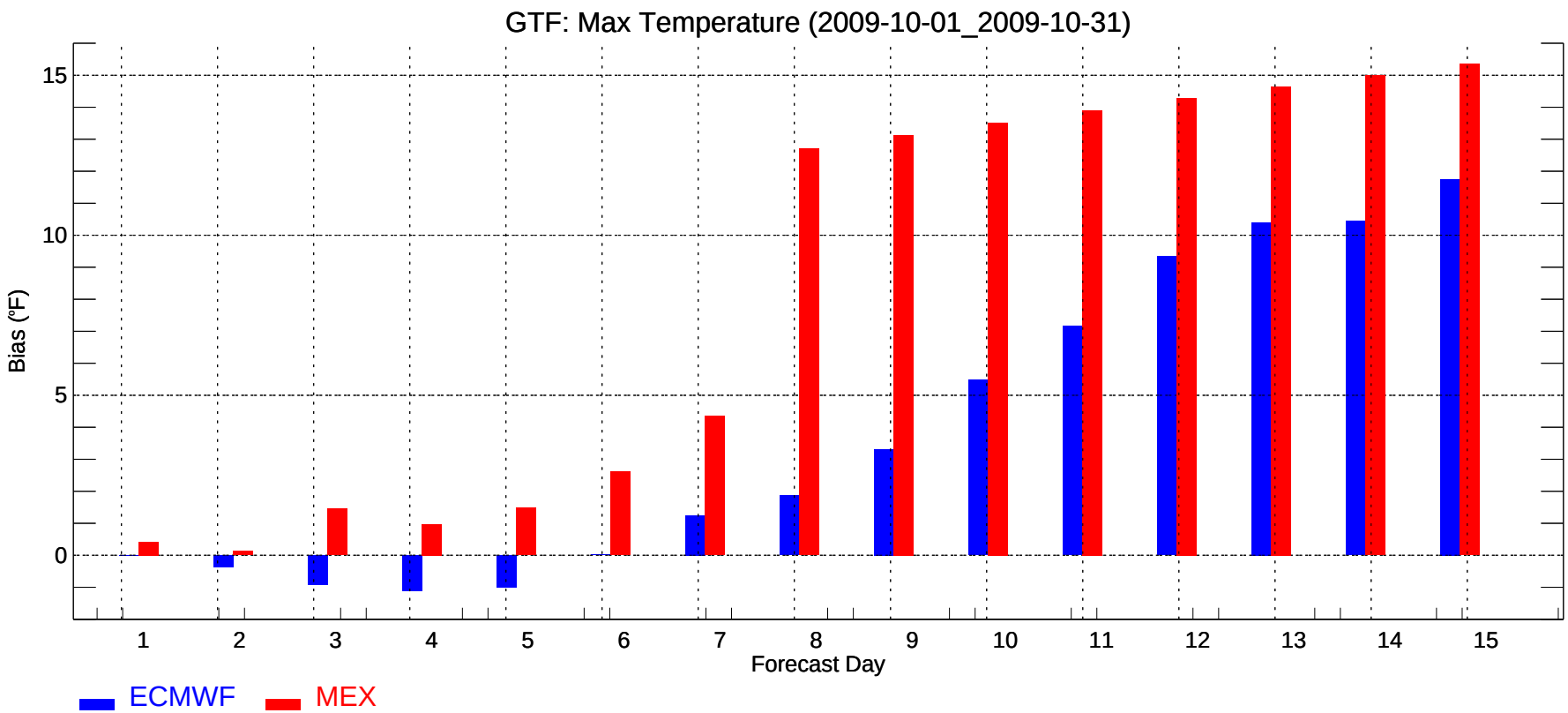
Forecast Day
ECMWF
MEX


GTF: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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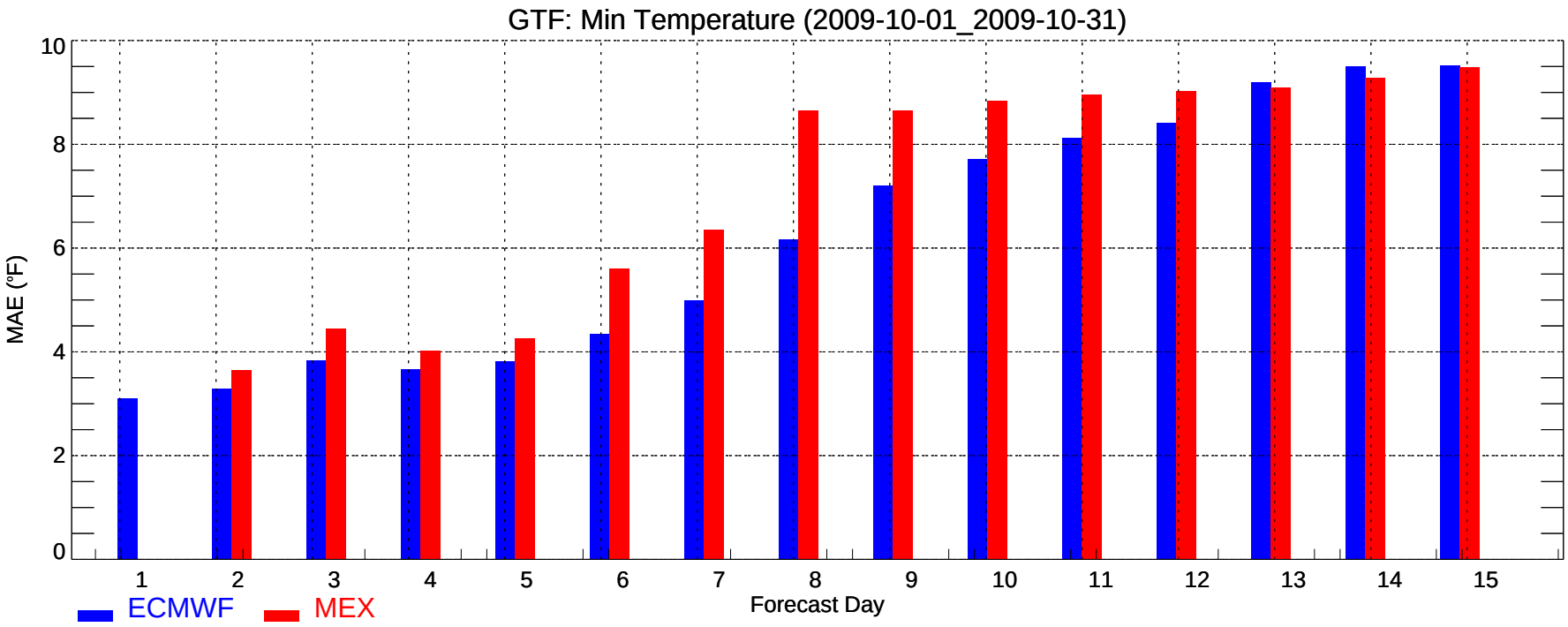
Forecast Day
ECMWF
MEX


GTF: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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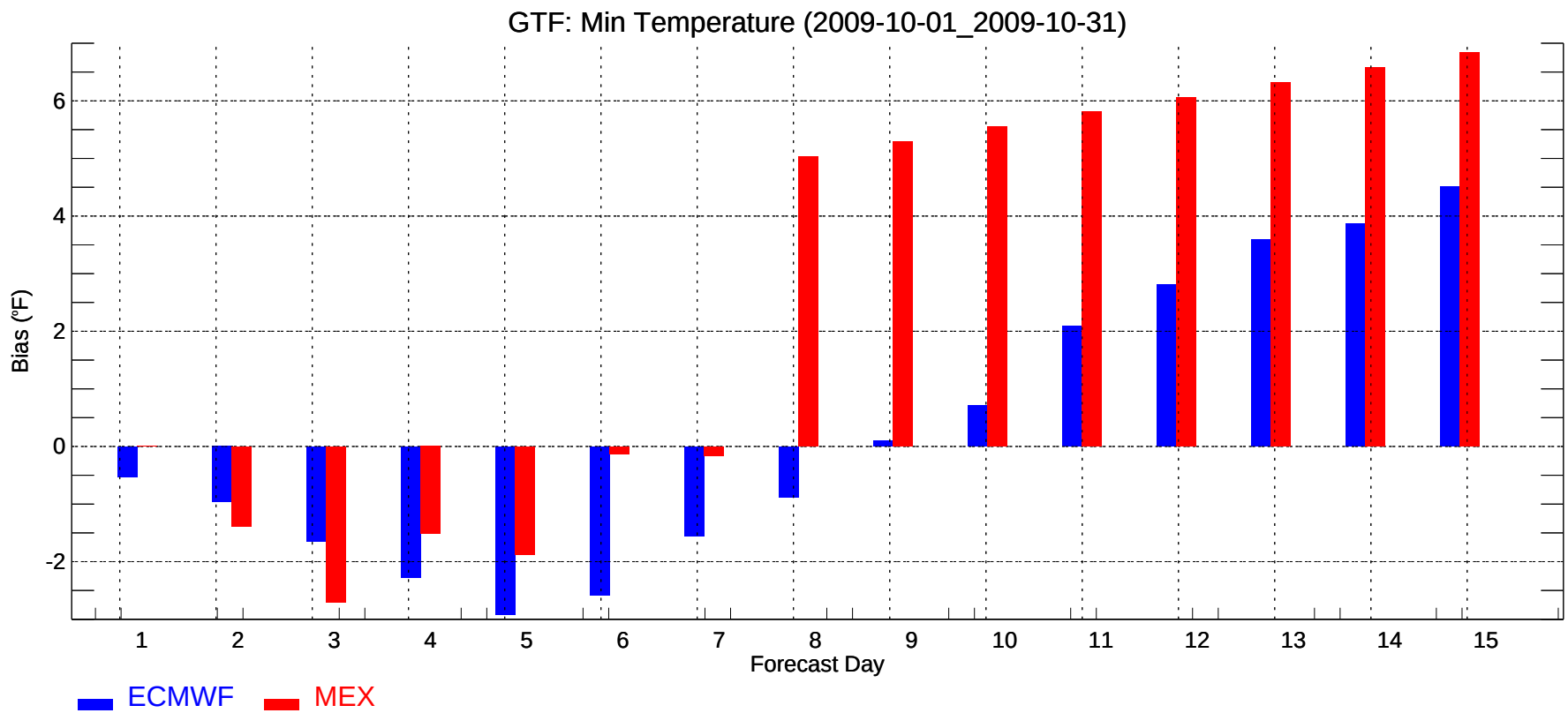
Forecast Day
ECMWF
MEX


GTF: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
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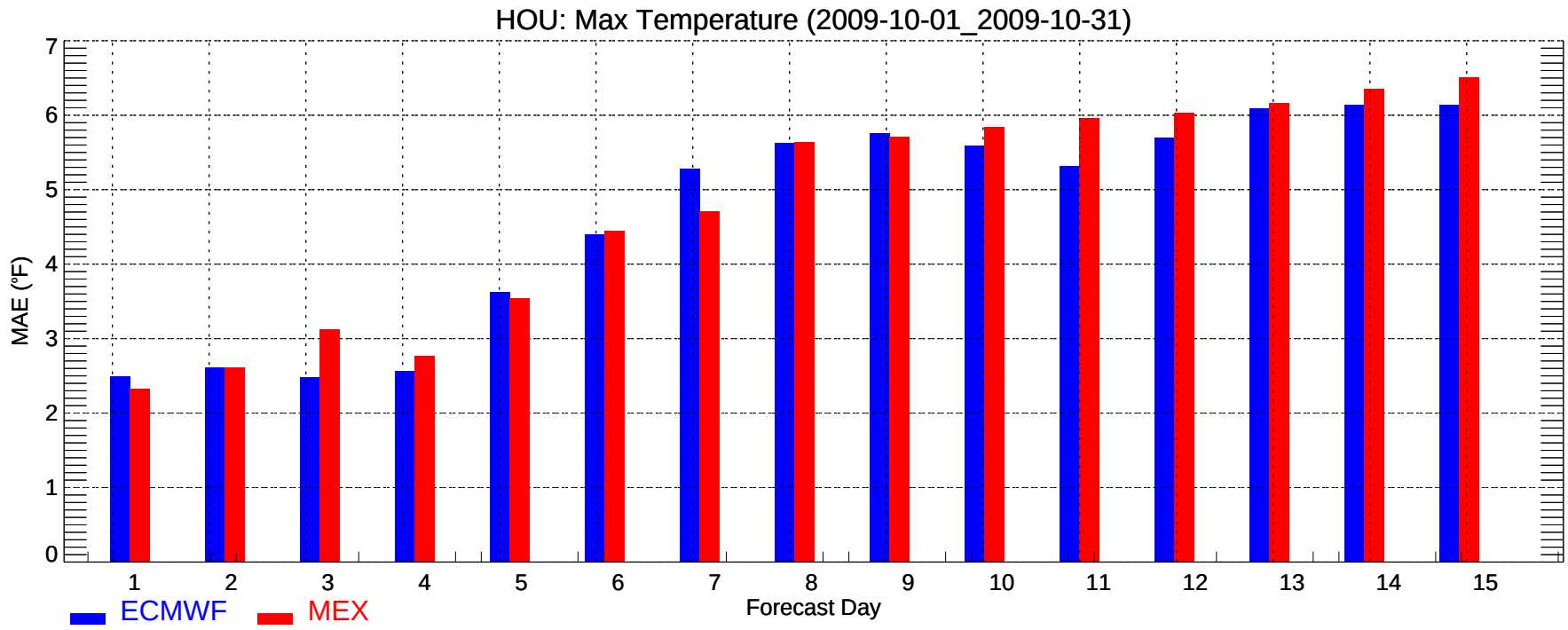
Forecast Day
ECMWF
MEX


HOU: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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1
2
3
4
5
6
7
1
2
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5
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7
8
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13
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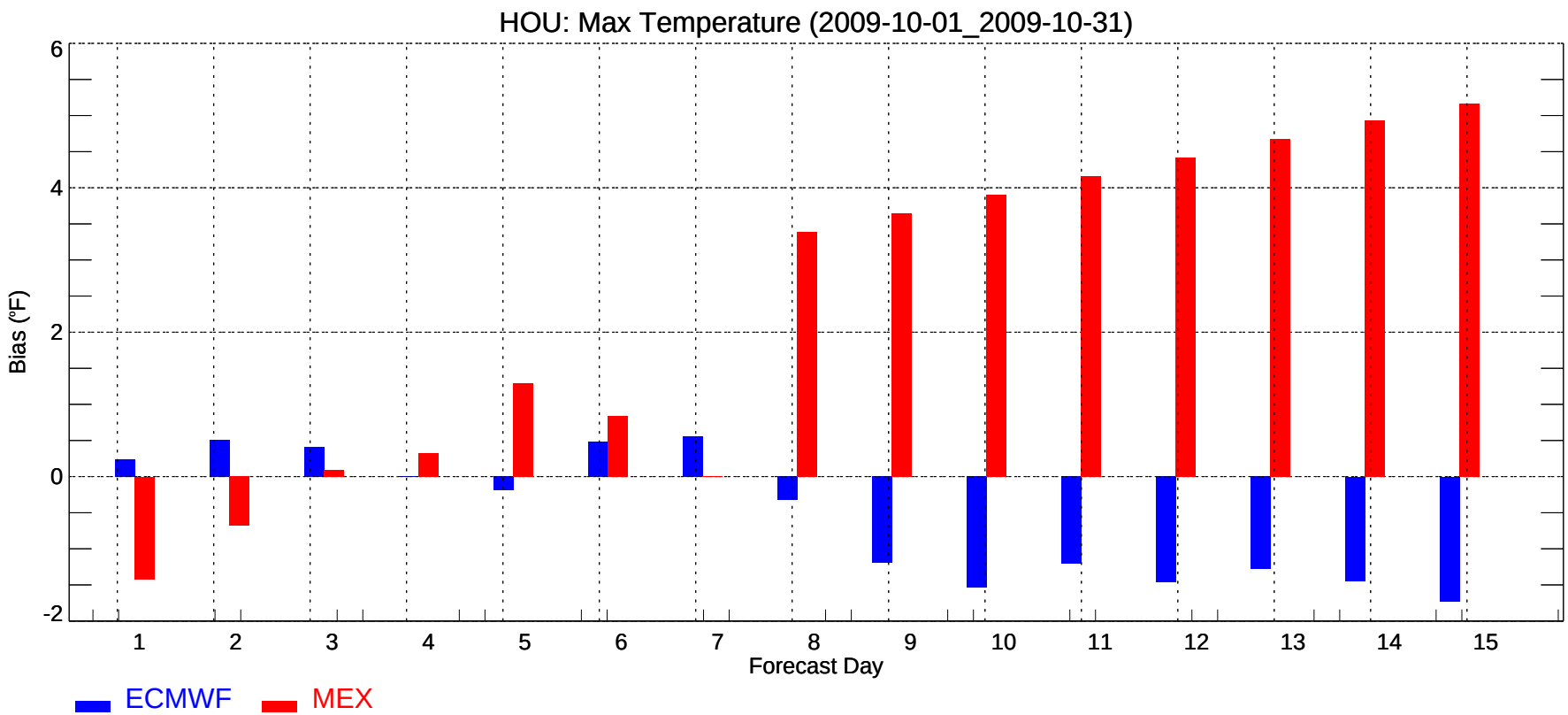
Forecast Day
ECMWF
MEX


HOU: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
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2
3
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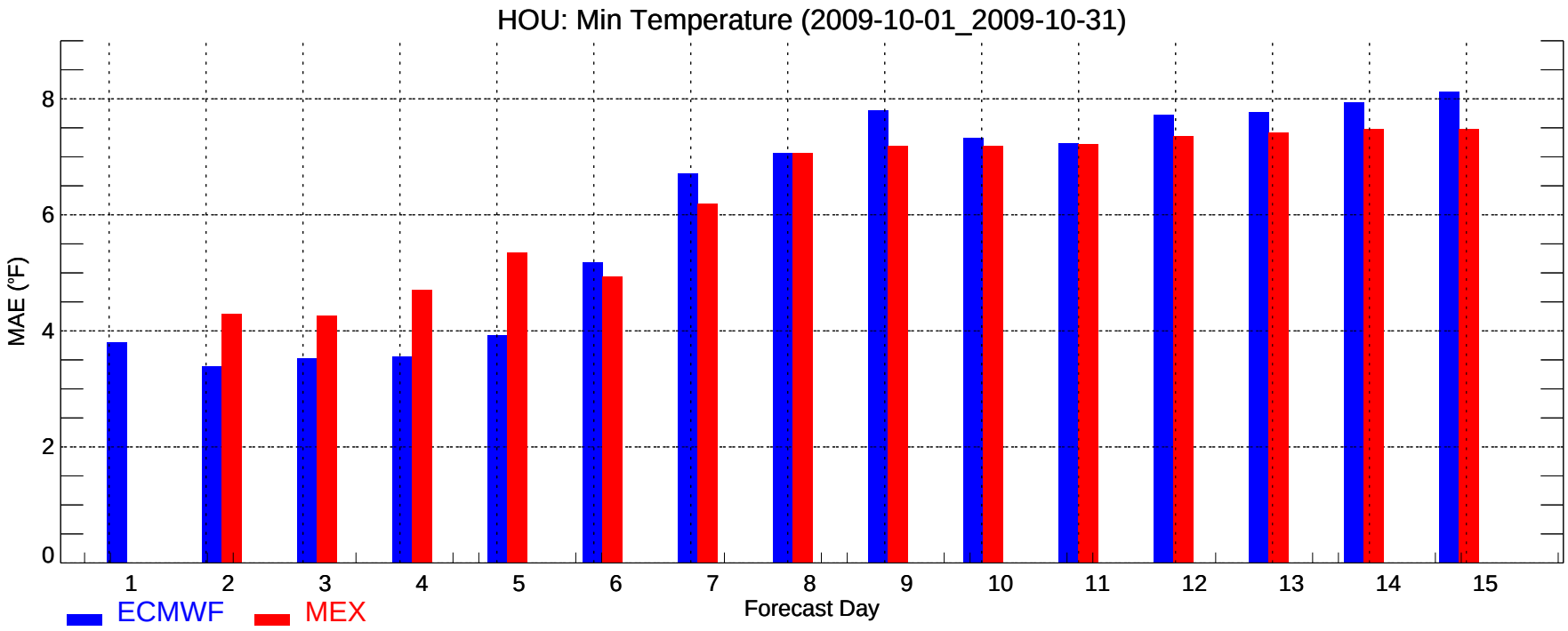
Forecast Day
ECMWF
MEX


HOU: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
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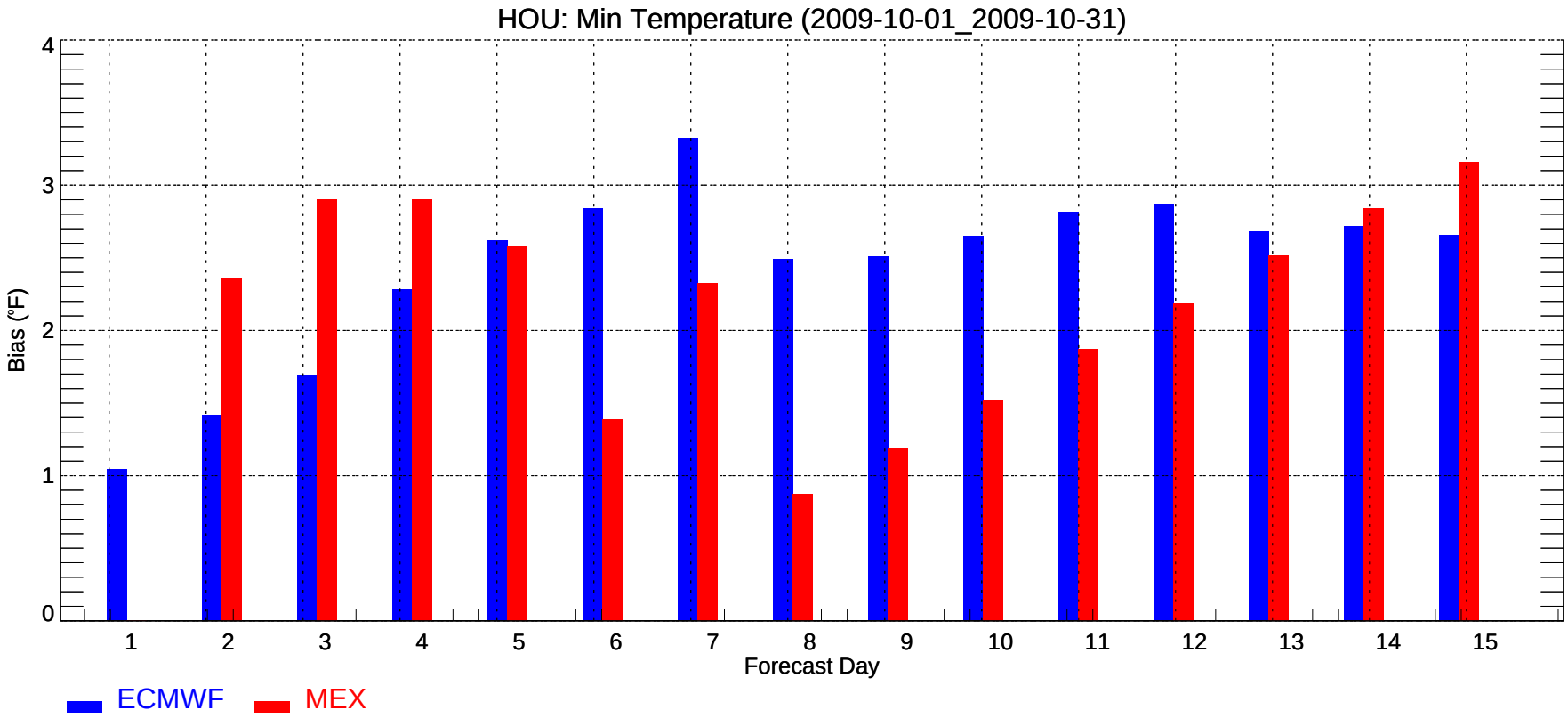
Forecast Day
ECMWF
MEX


HOU: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
1
2
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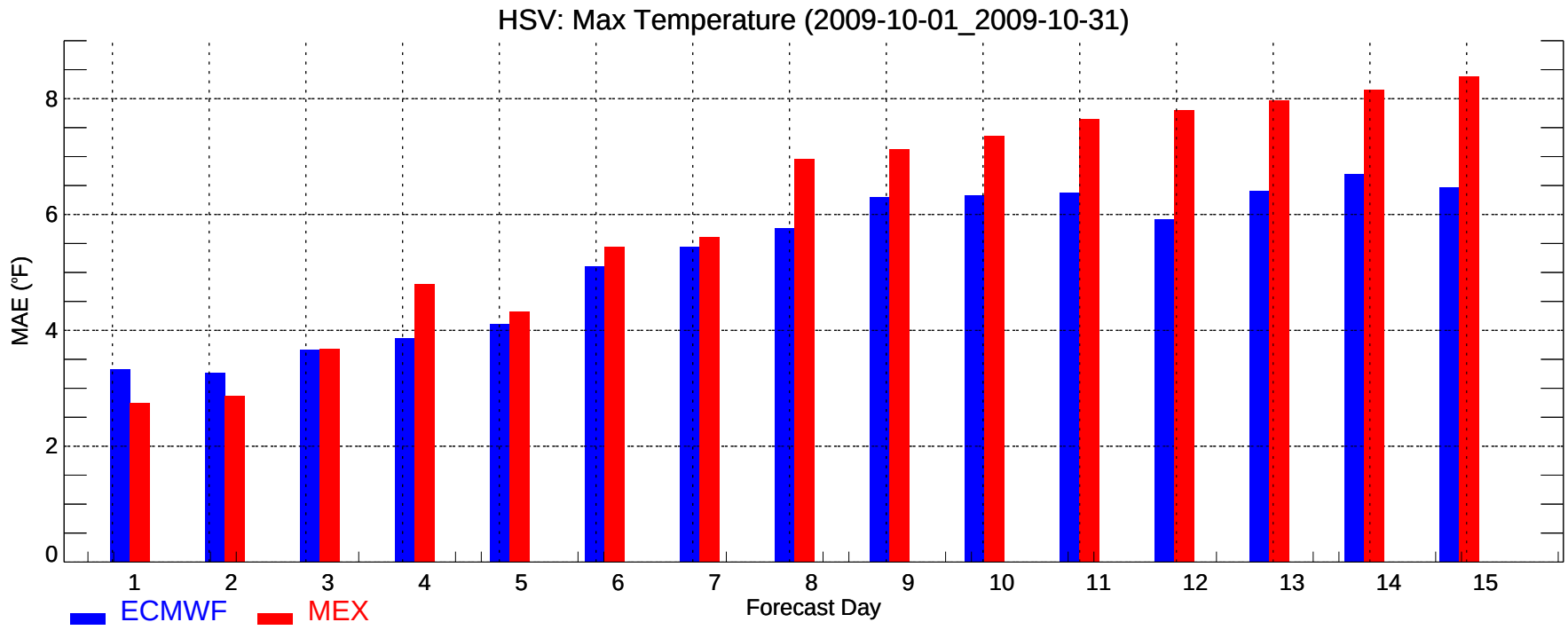
Forecast Day
ECMWF
MEX


HSV: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
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2
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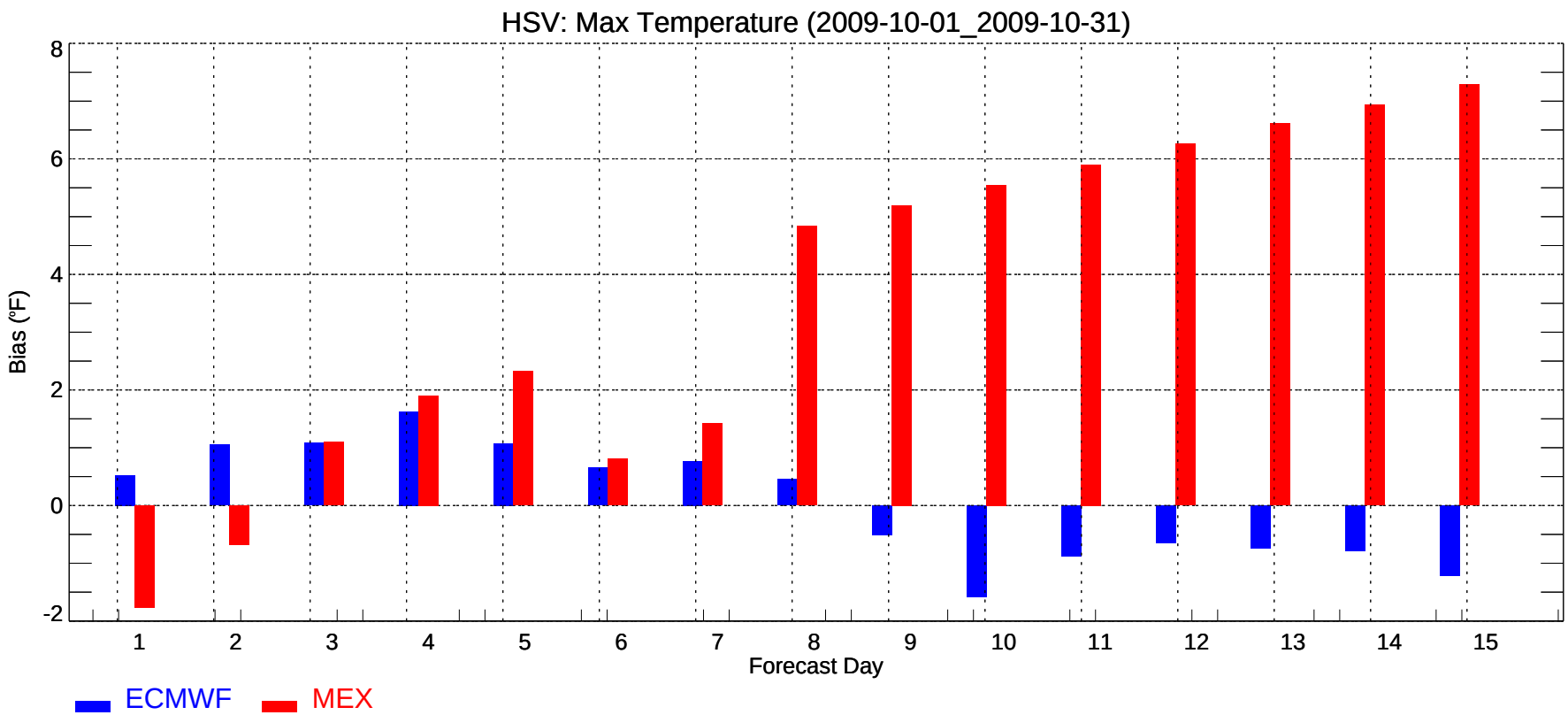
Forecast Day
ECMWF
MEX


HSV: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
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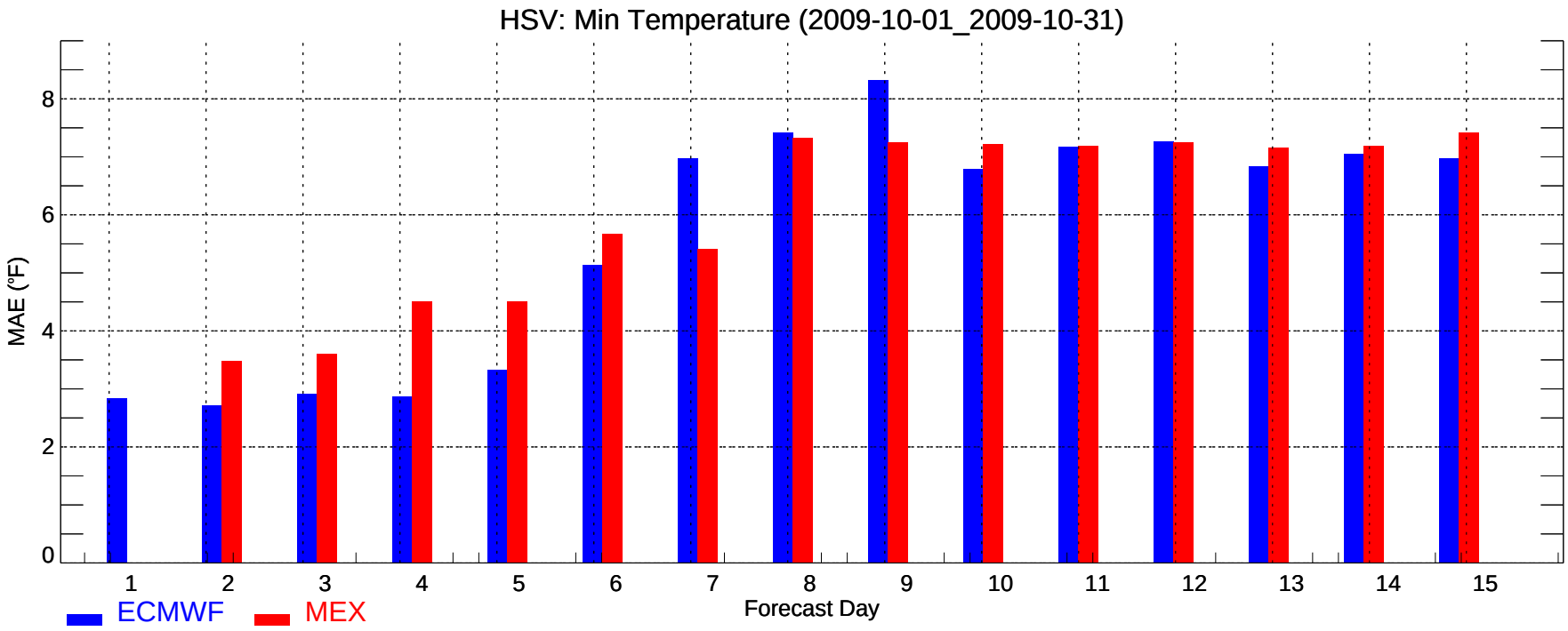
Forecast Day
ECMWF
MEX


HSV: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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8
1
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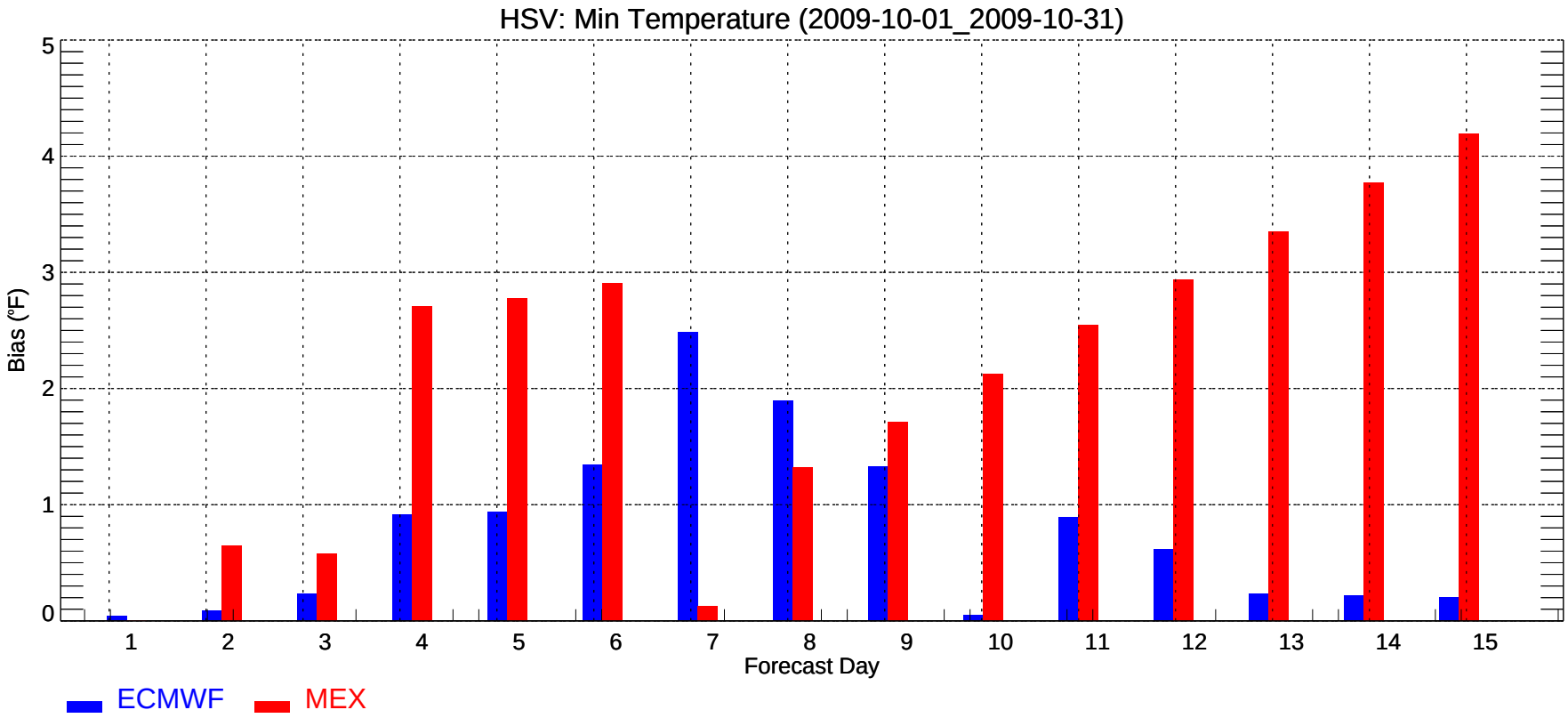
Forecast Day
ECMWF
MEX


HSV: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
1
2
3
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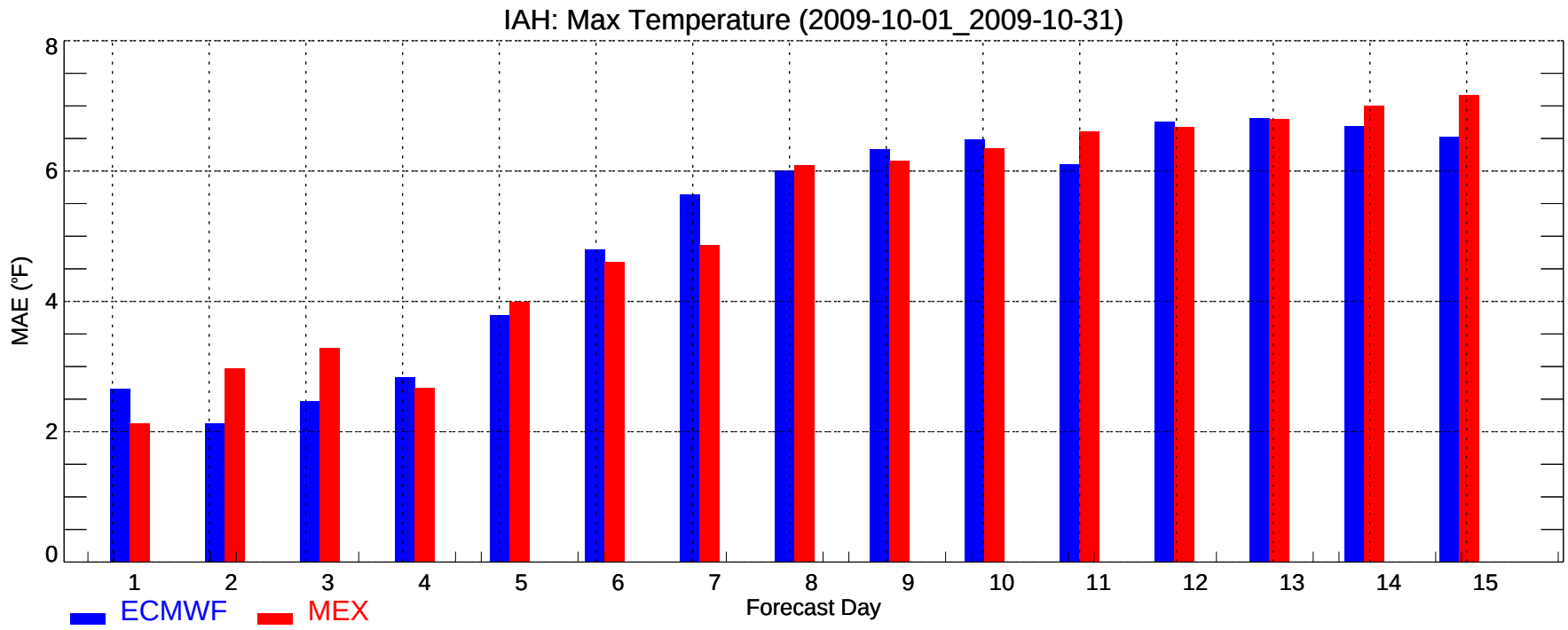
Forecast Day
ECMWF
MEX


IAH: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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1
2
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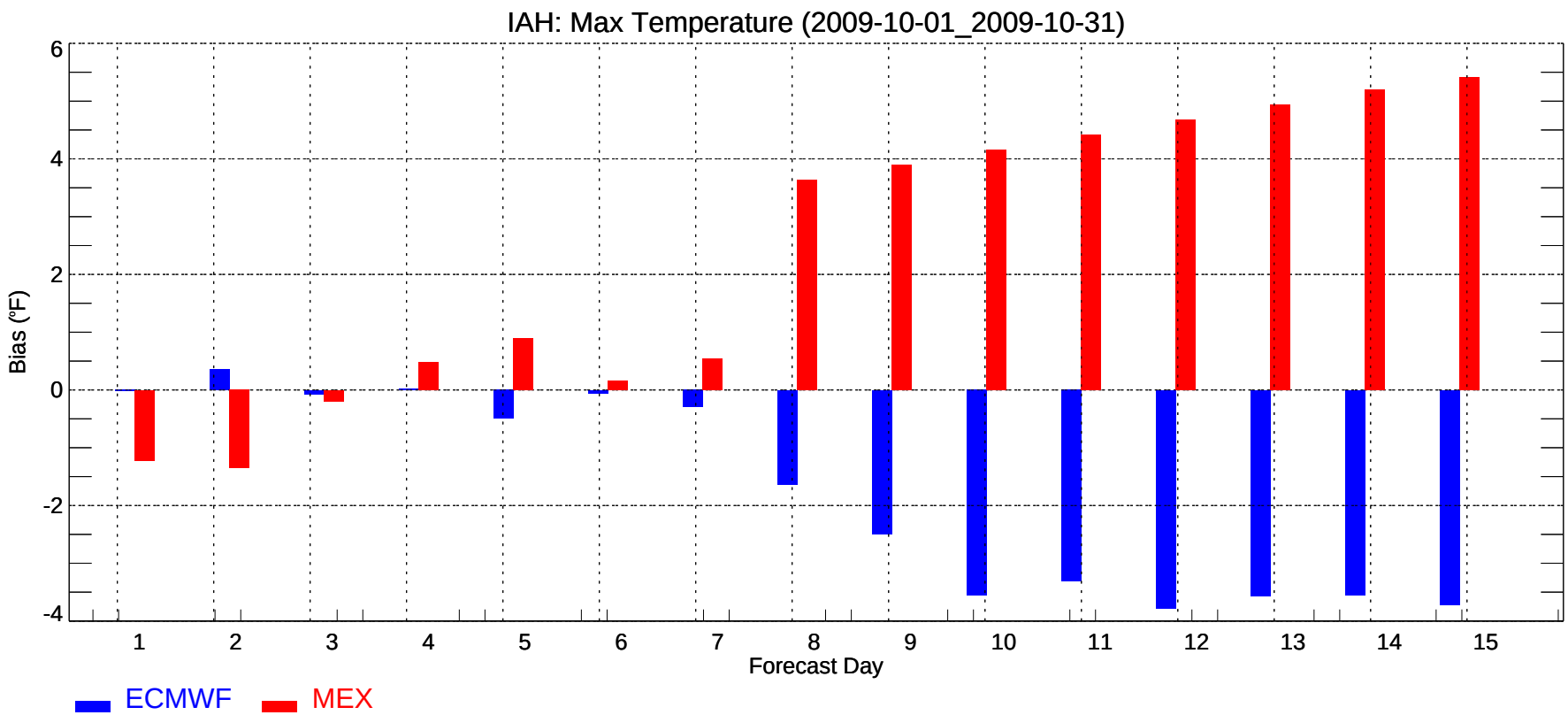
Forecast Day
ECMWF
MEX


IAH: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
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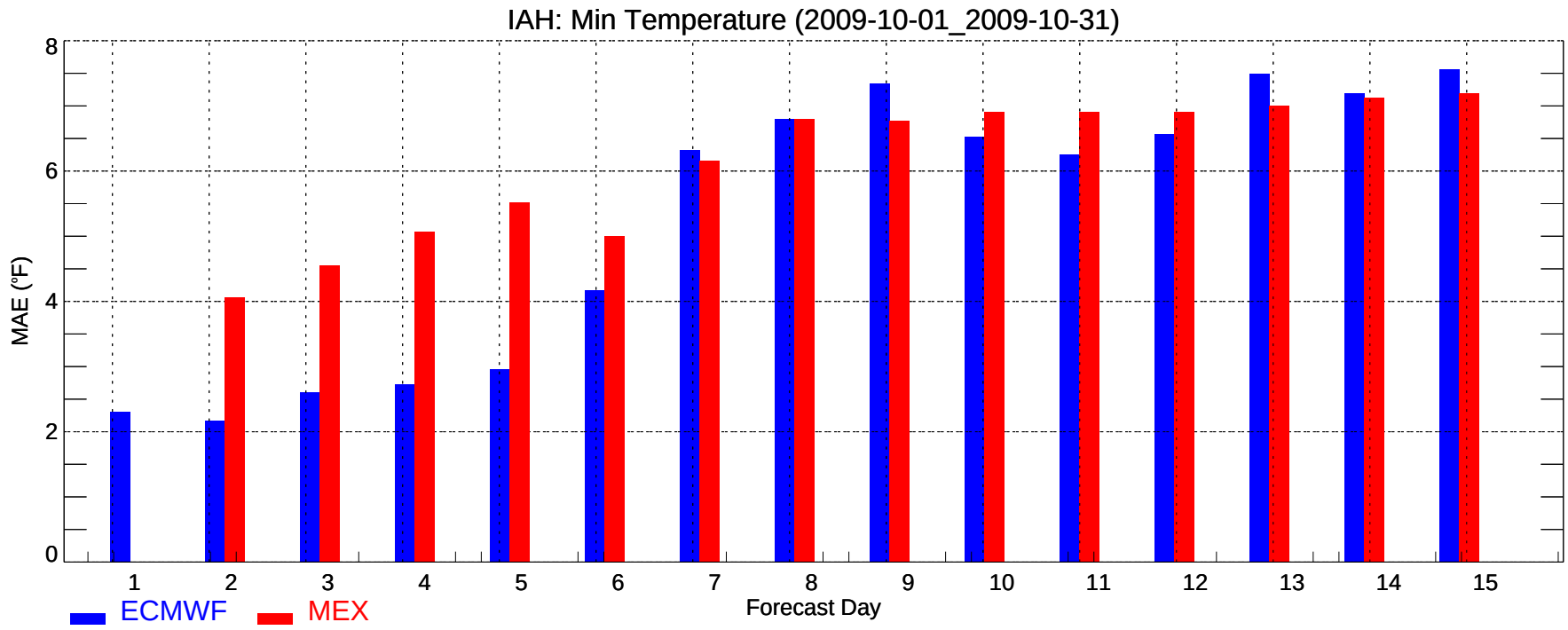
Forecast Day
ECMWF
MEX


IAH: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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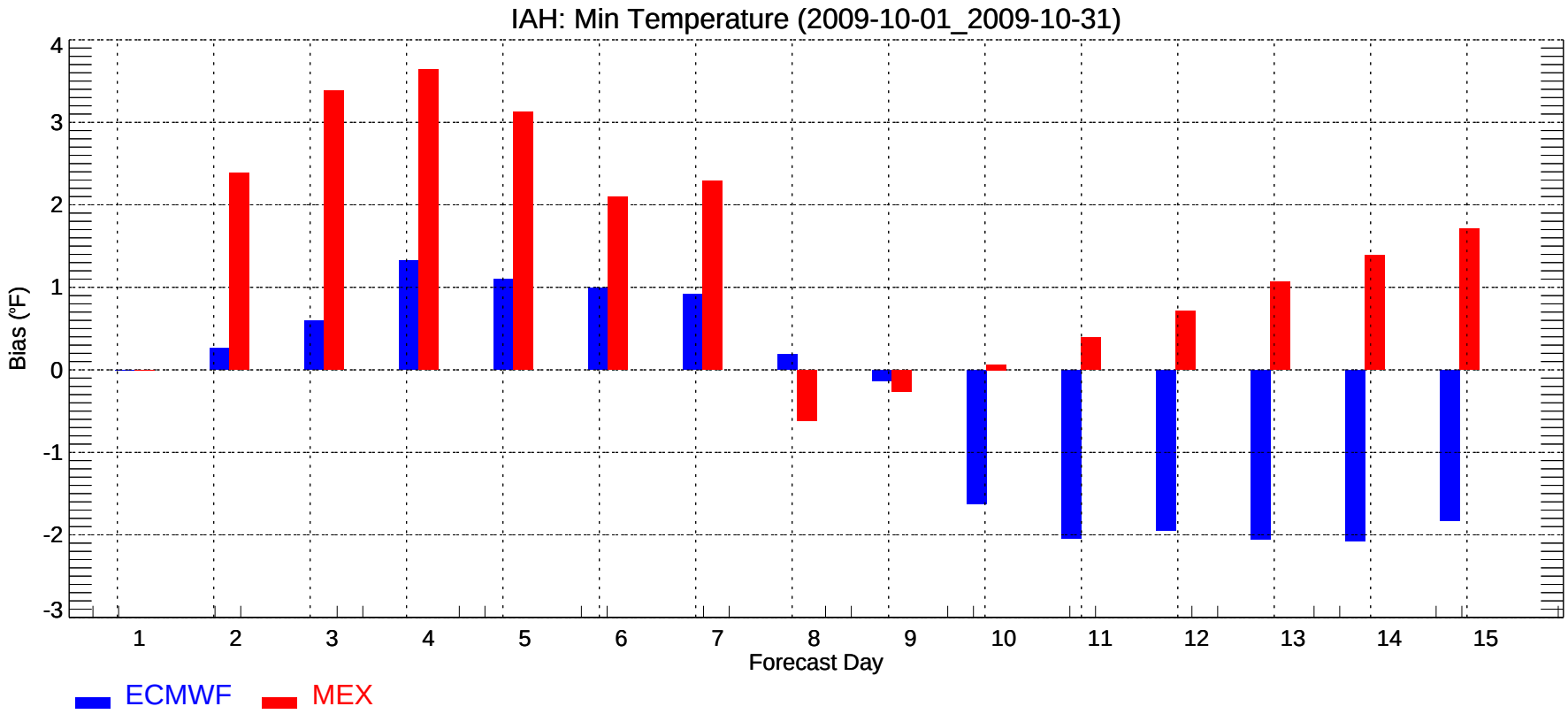
Forecast Day
ECMWF
MEX


IAH: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
4
3
2
1
0
-1
-2
-3
1
2
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4
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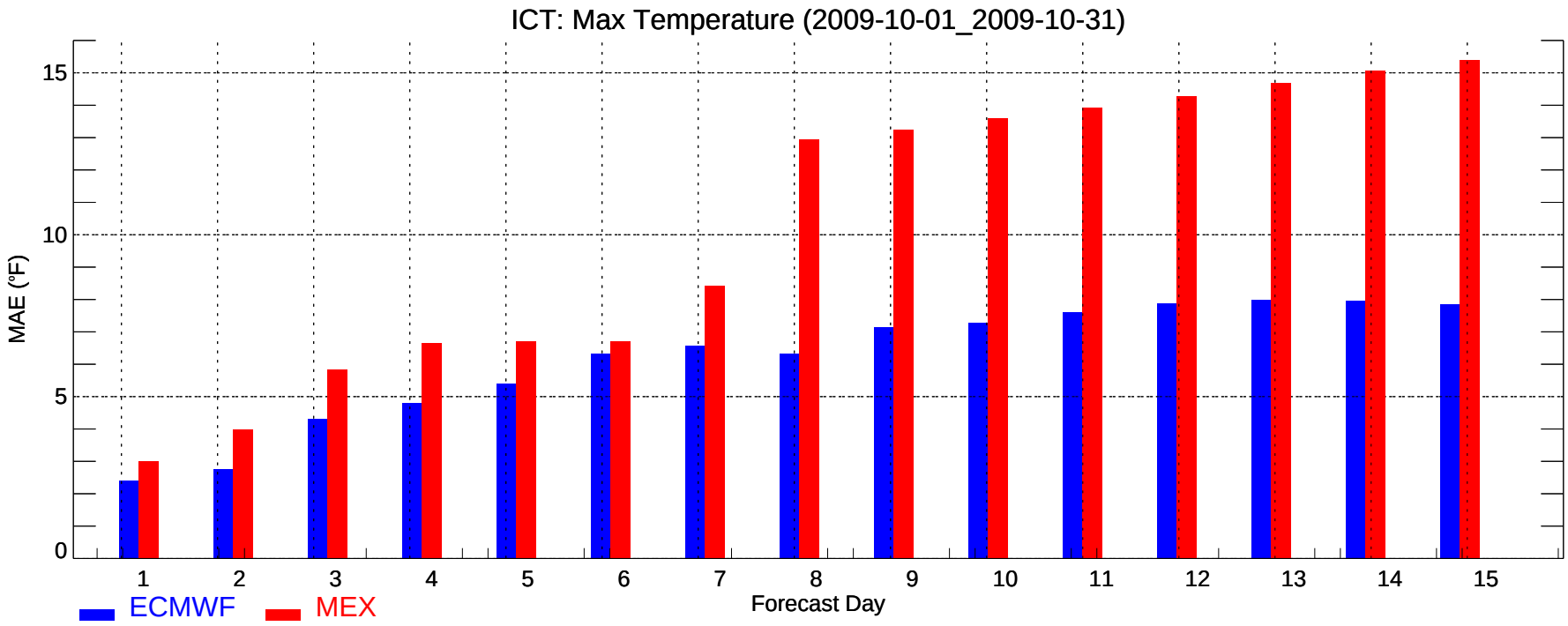
Forecast Day
ECMWF
MEX


ICT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
5
10
15
1
2
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4
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10
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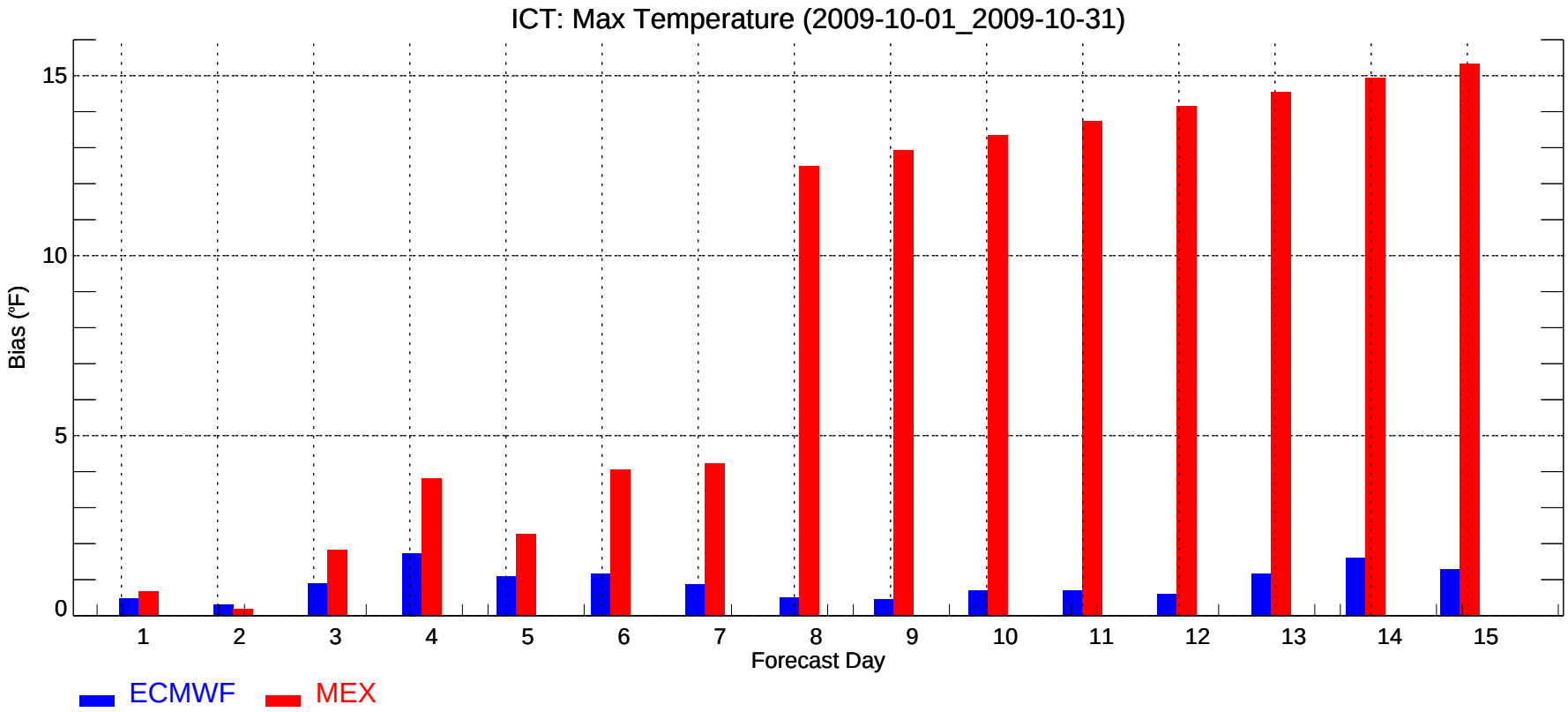
12
13
14
15
Forecast Day
ECMWF
MEX


ICT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
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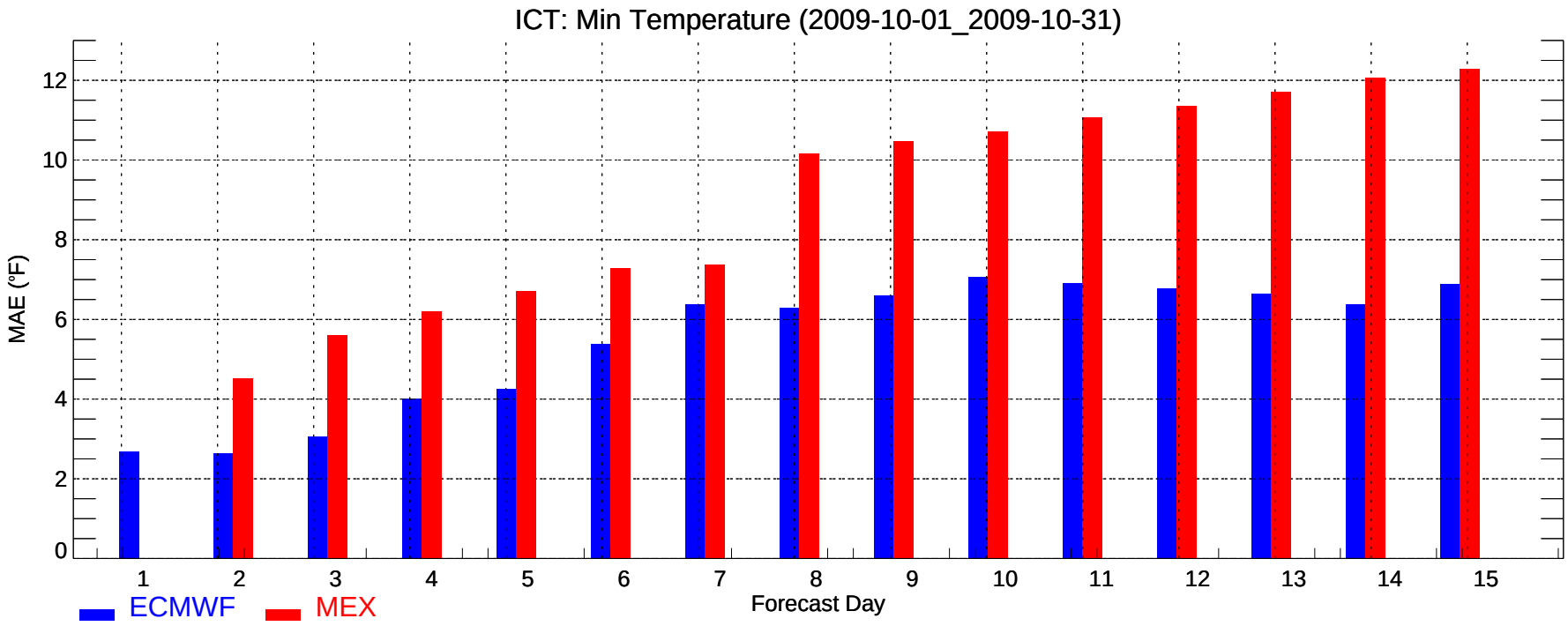
Forecast Day
ECMWF
MEX


ICT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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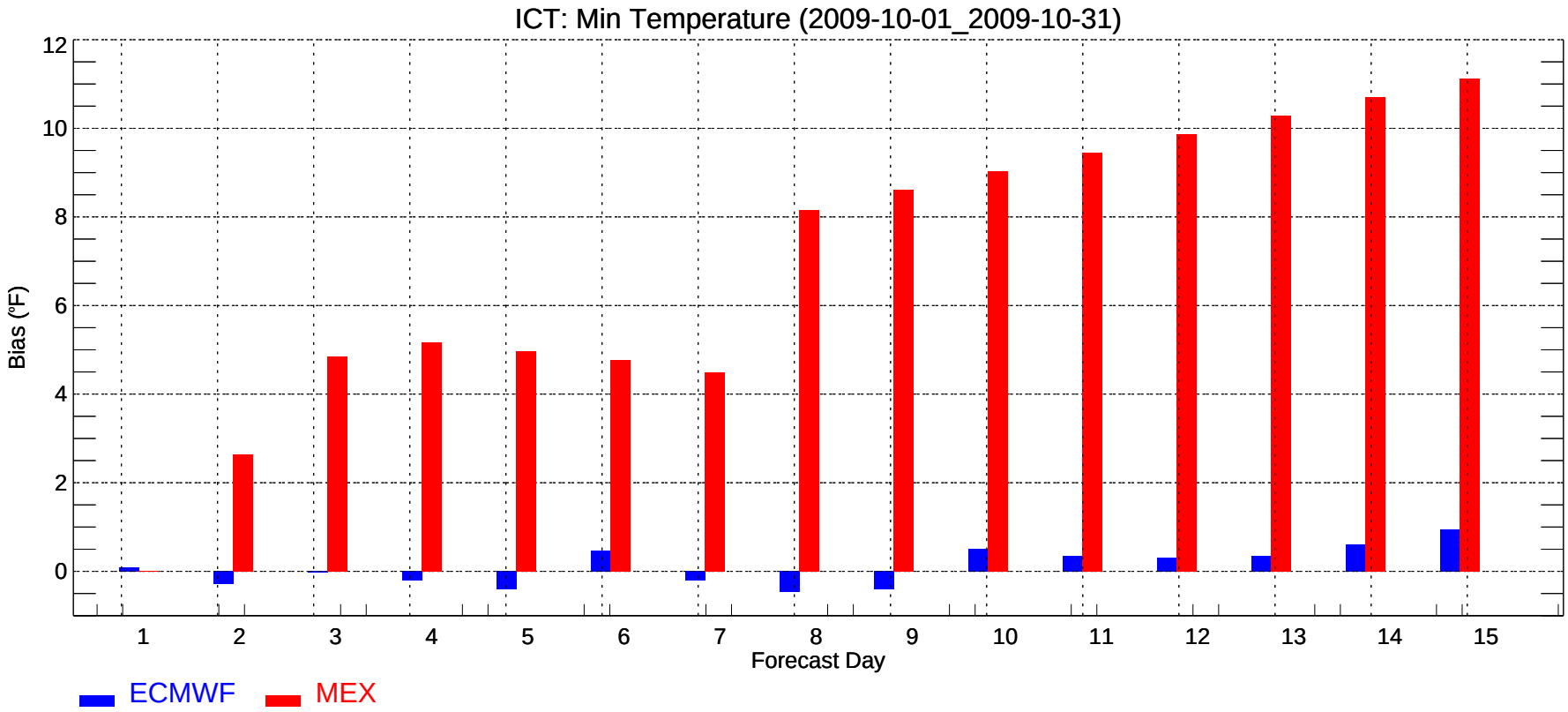
15
Forecast Day
ECMWF
MEX


ICT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
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12
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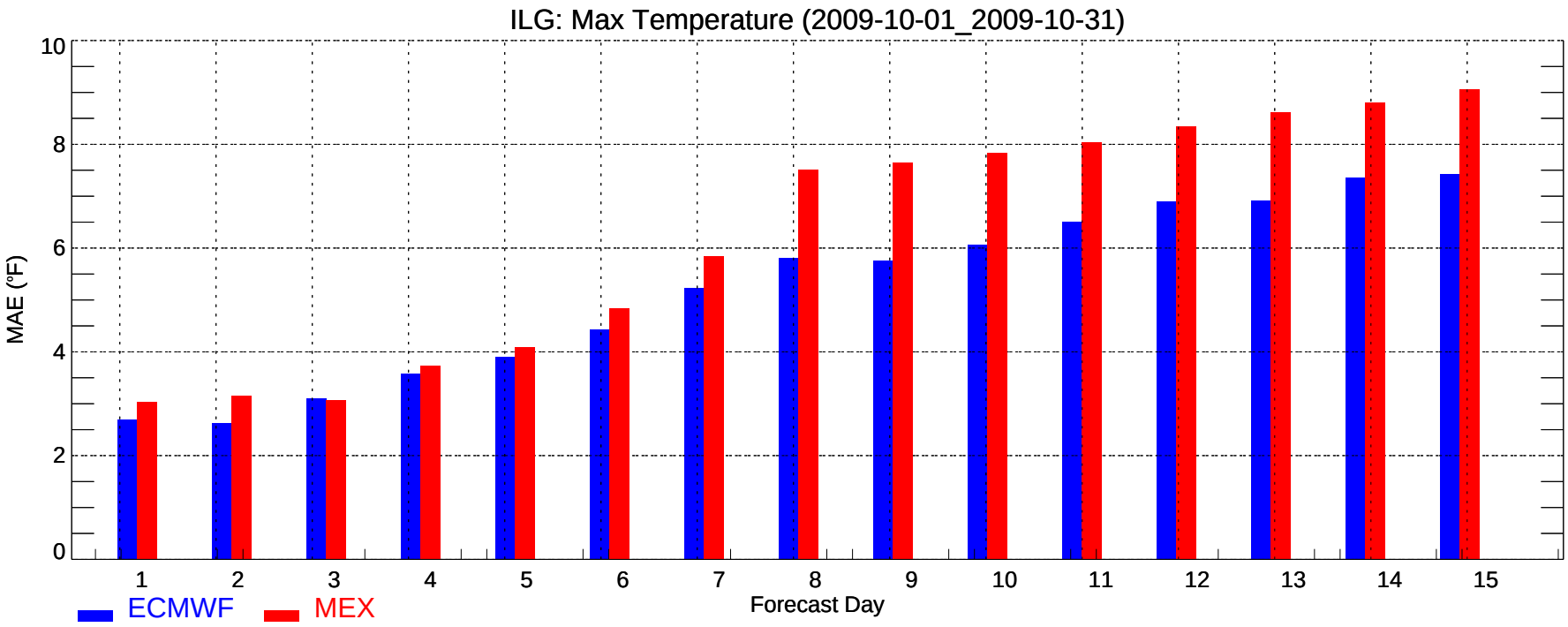
Forecast Day
ECMWF
MEX


ILG: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
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8
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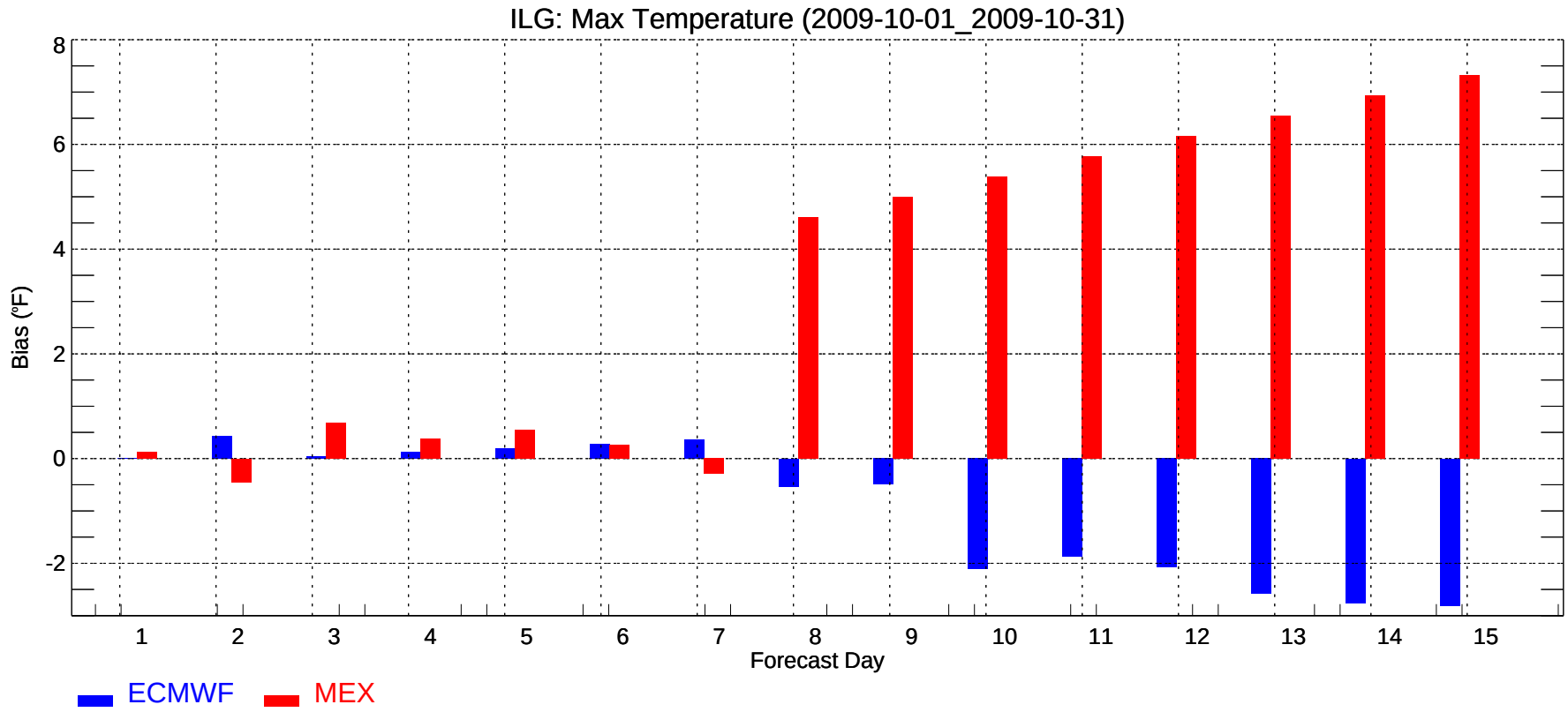
Forecast Day
ECMWF
MEX


ILG: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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0
2
4
6
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1
2
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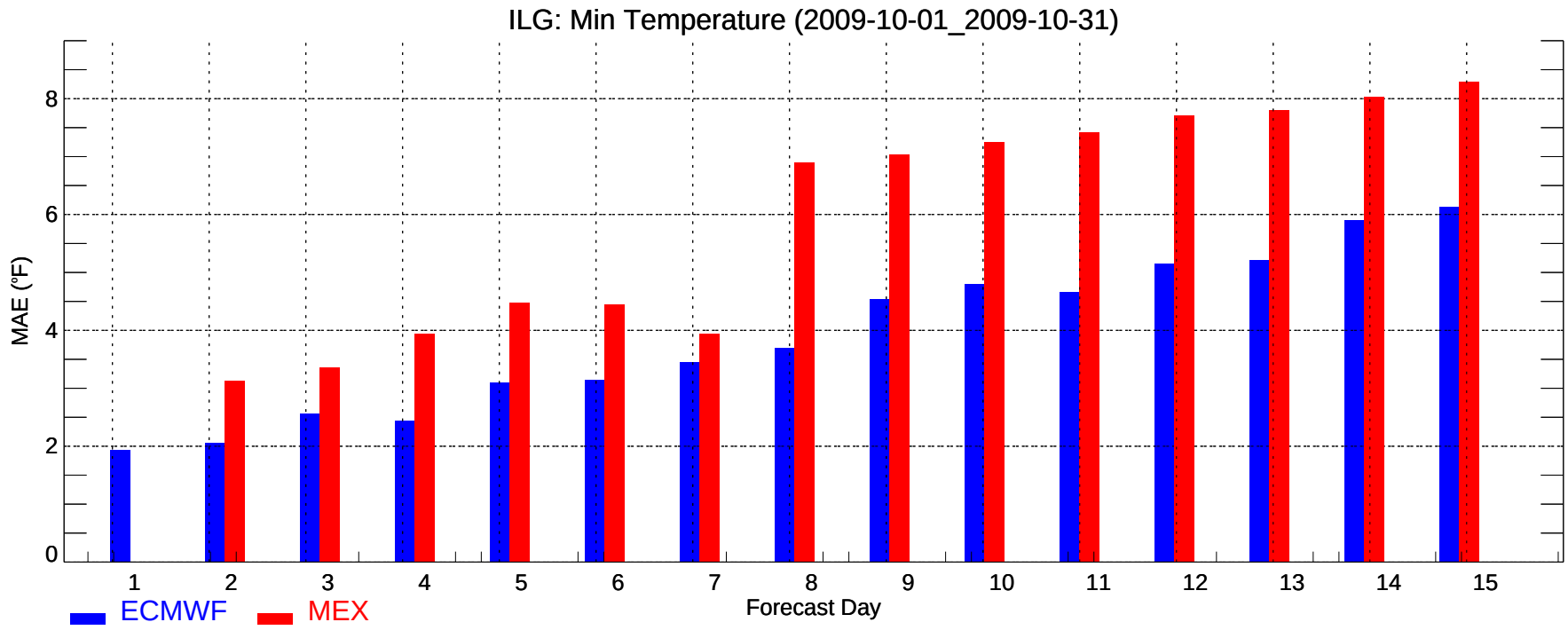
Forecast Day
ECMWF
MEX


ILG: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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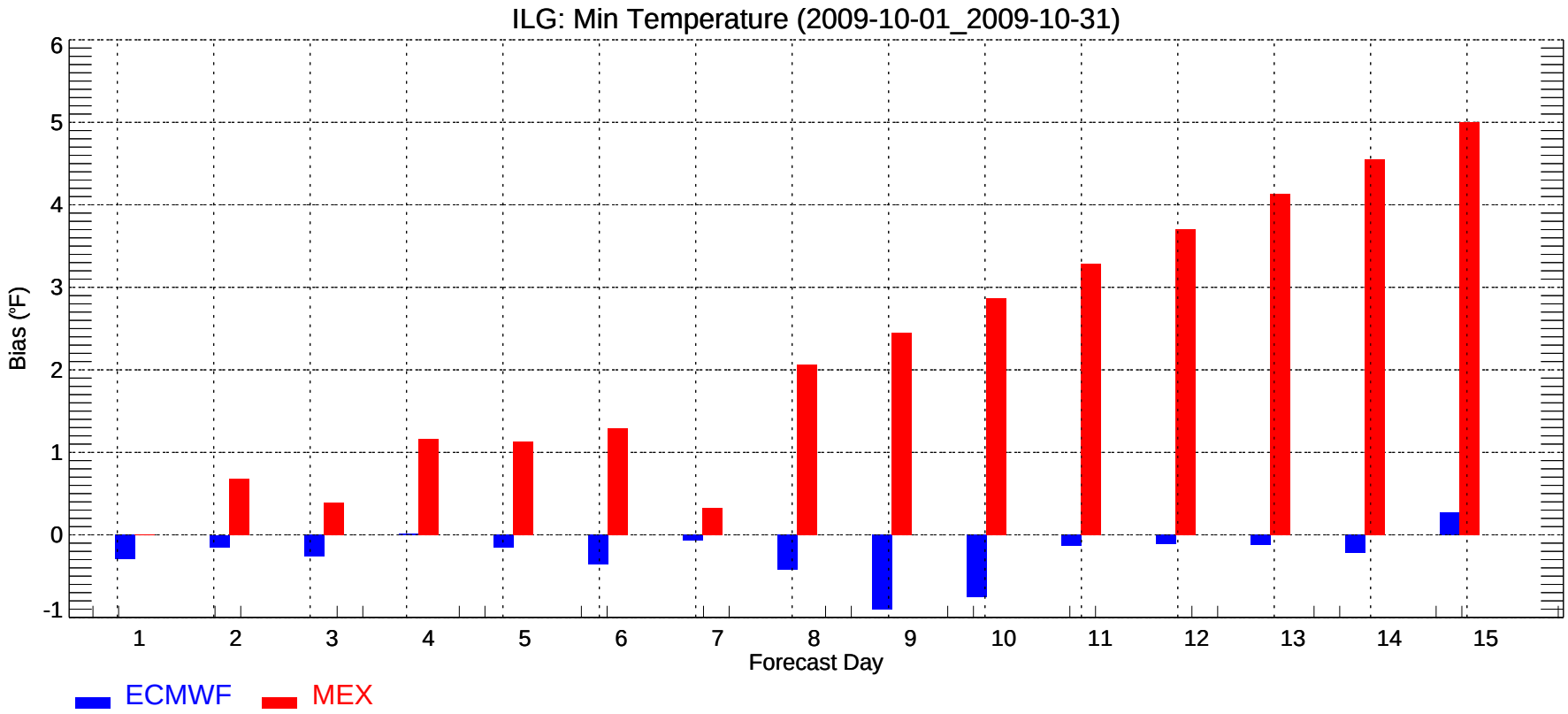
Forecast Day
ECMWF
MEX


ILG: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
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0
1
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5
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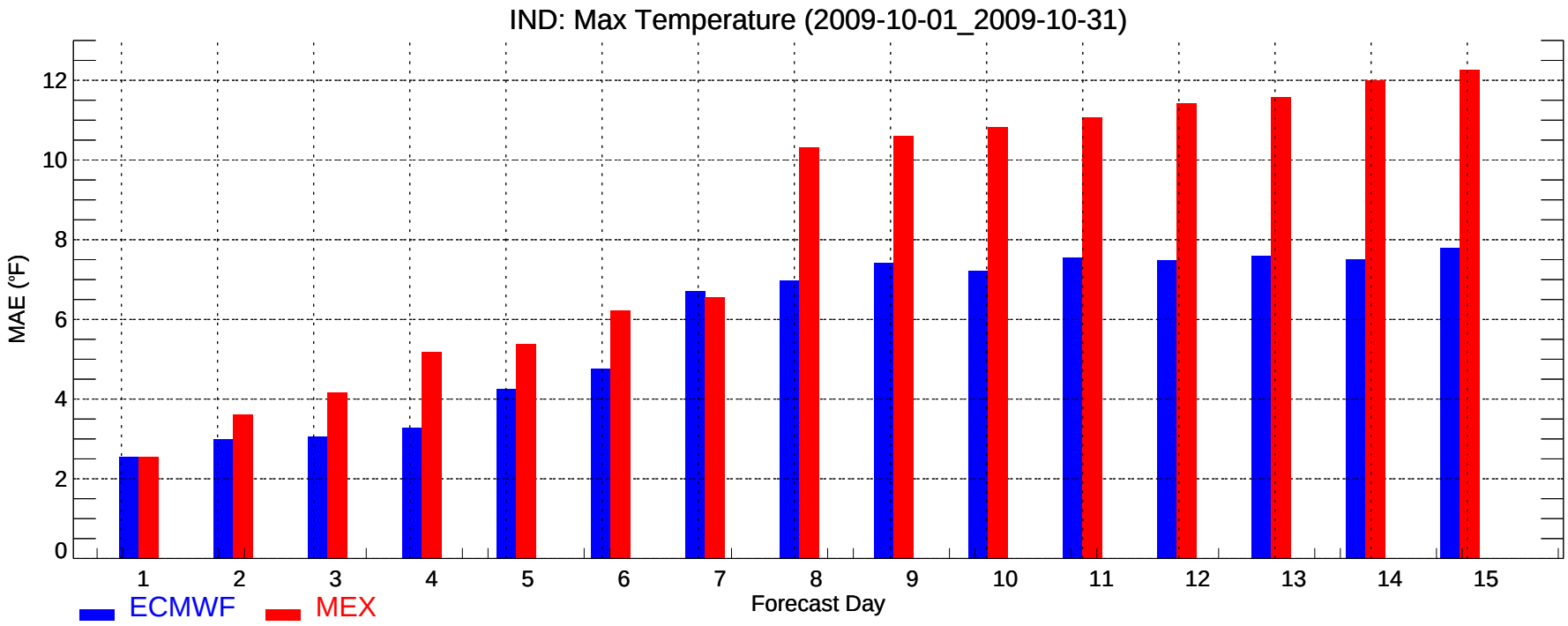
Forecast Day
ECMWF
MEX


IND: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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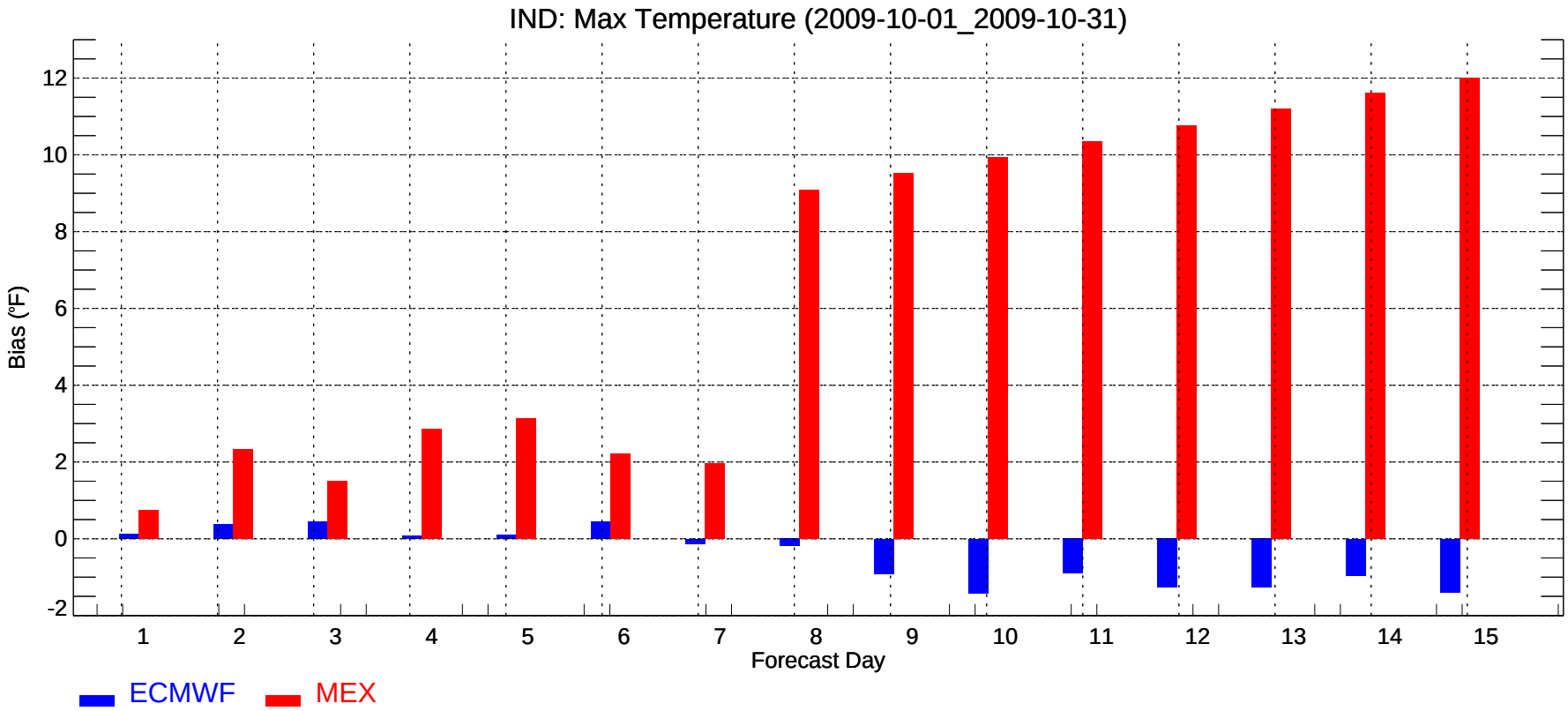
Forecast Day
ECMWF
MEX


IND: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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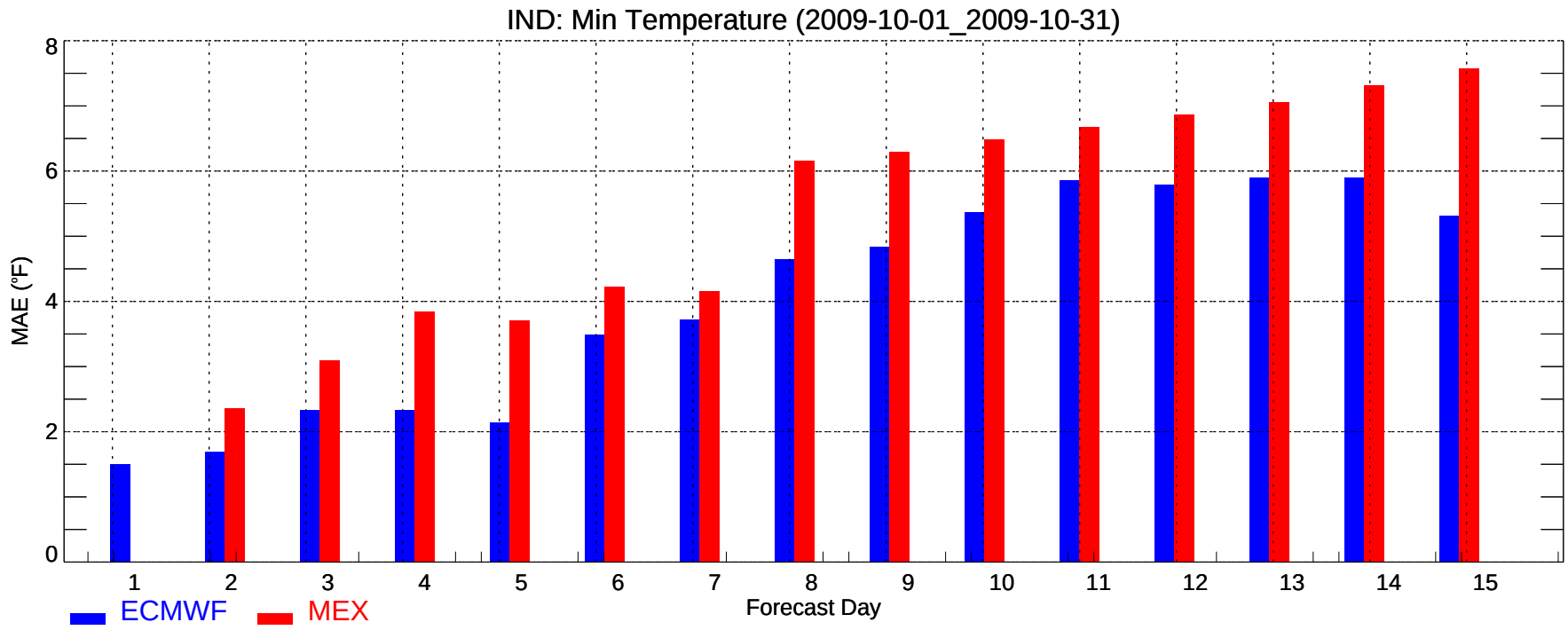
Forecast Day
ECMWF
MEX


IND: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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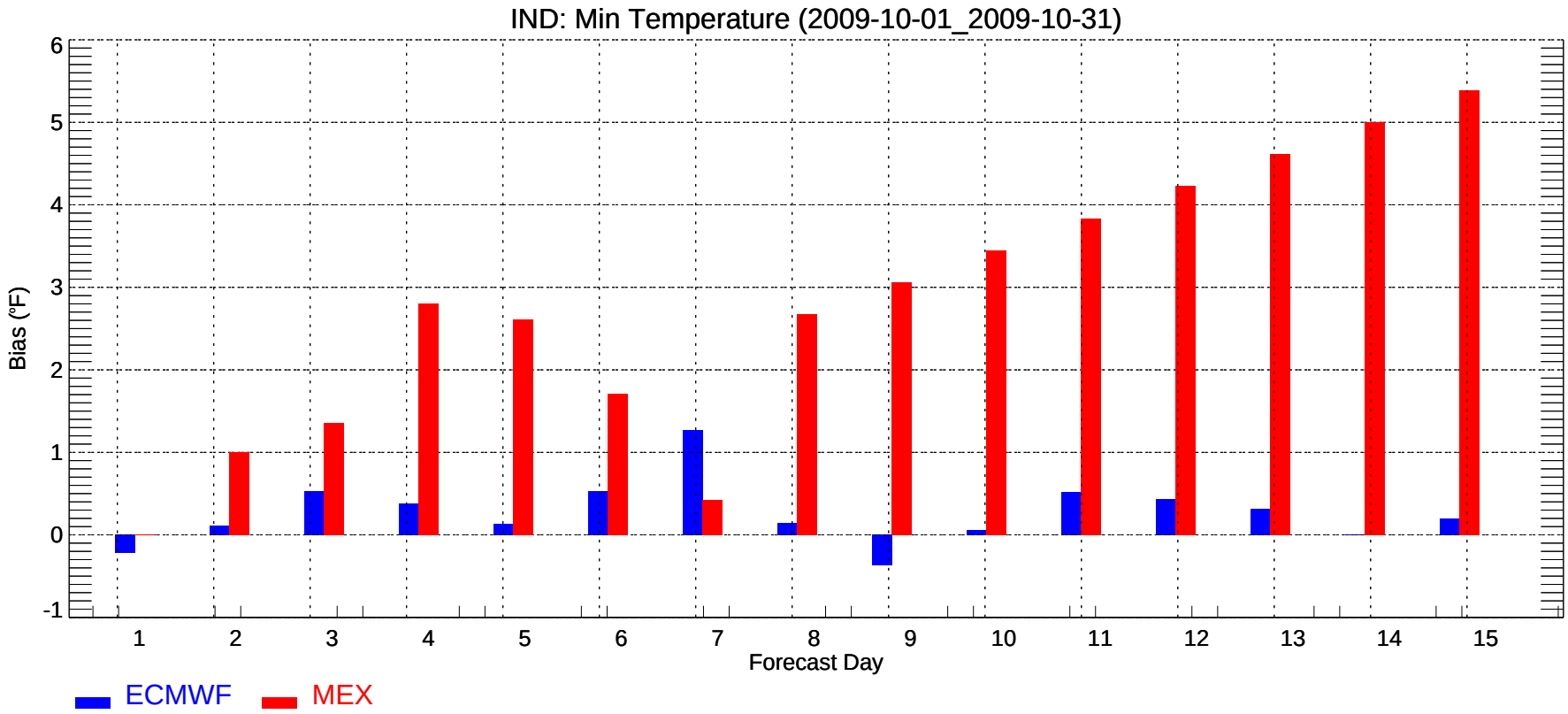
Forecast Day
ECMWF
MEX


IND: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
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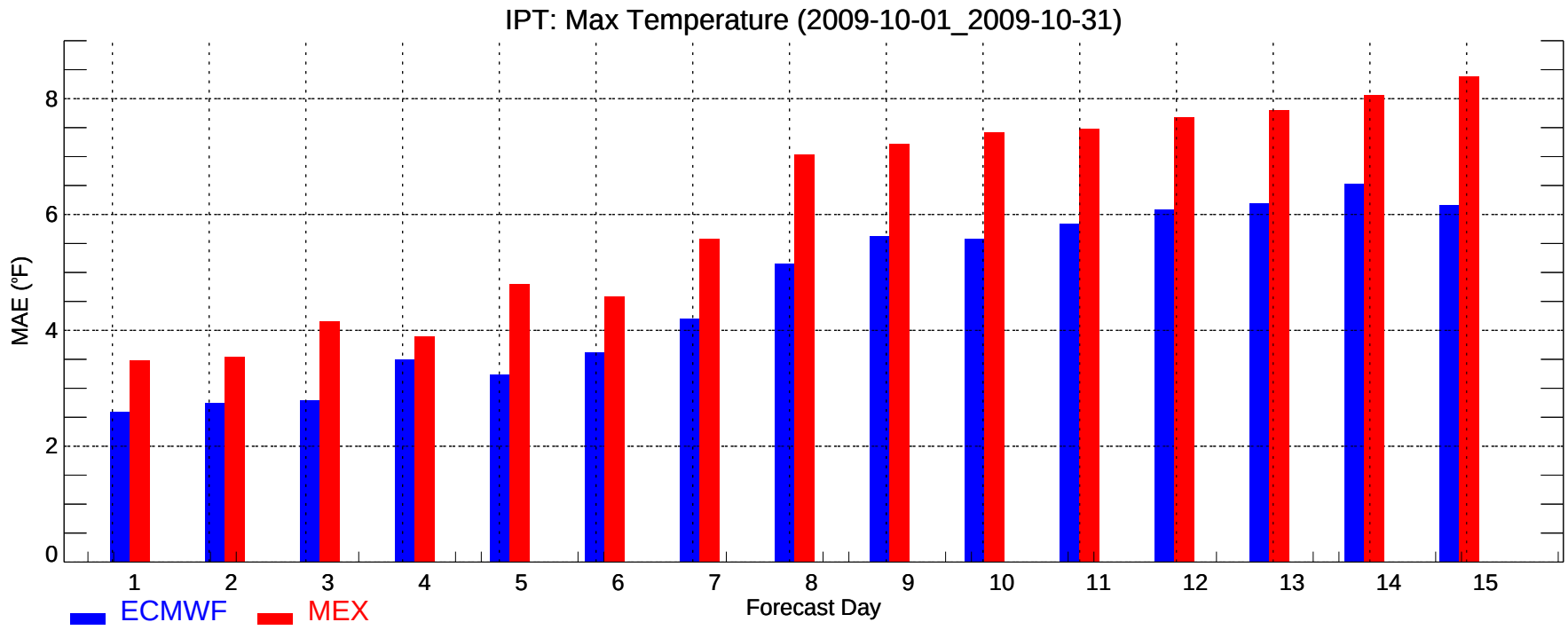
Forecast Day
ECMWF
MEX


IPT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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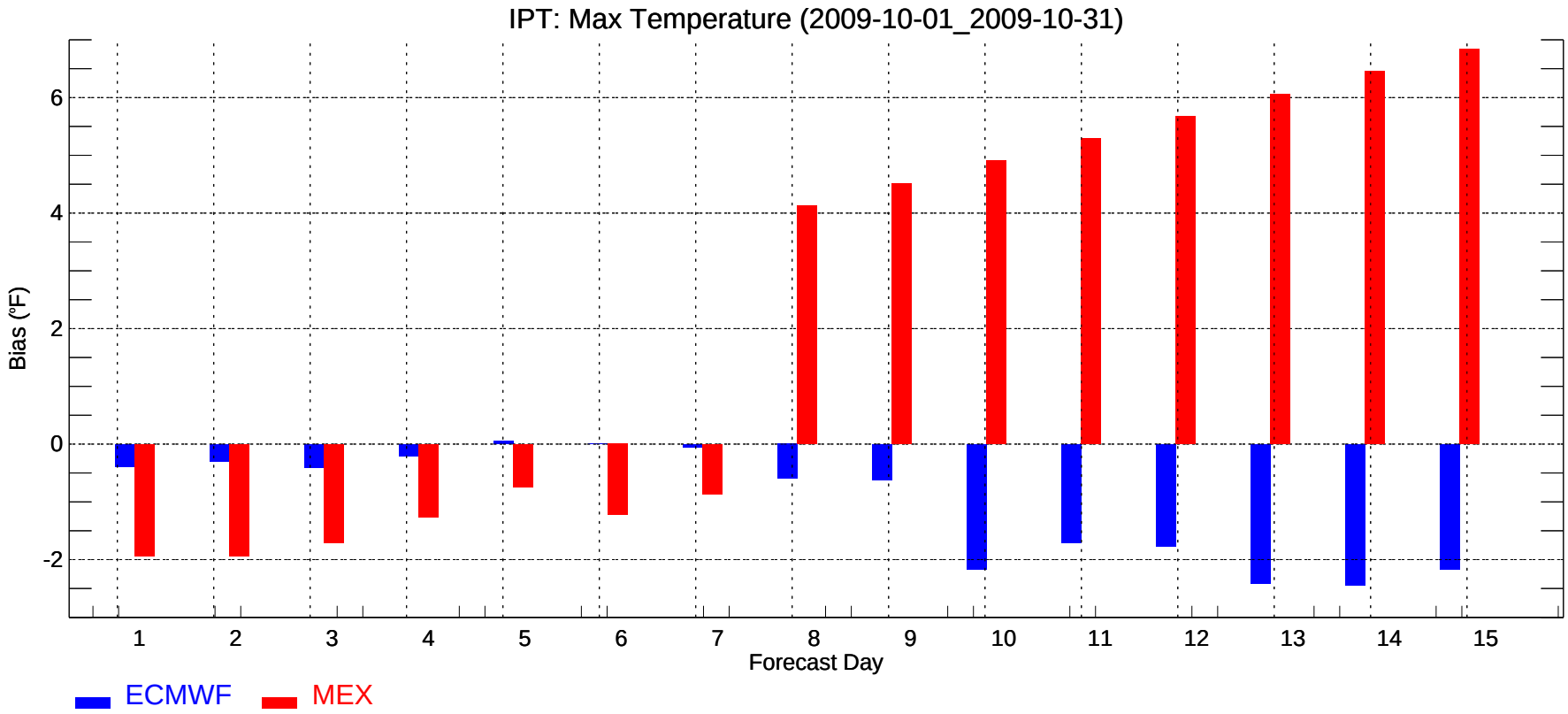
Forecast Day
ECMWF
MEX


IPT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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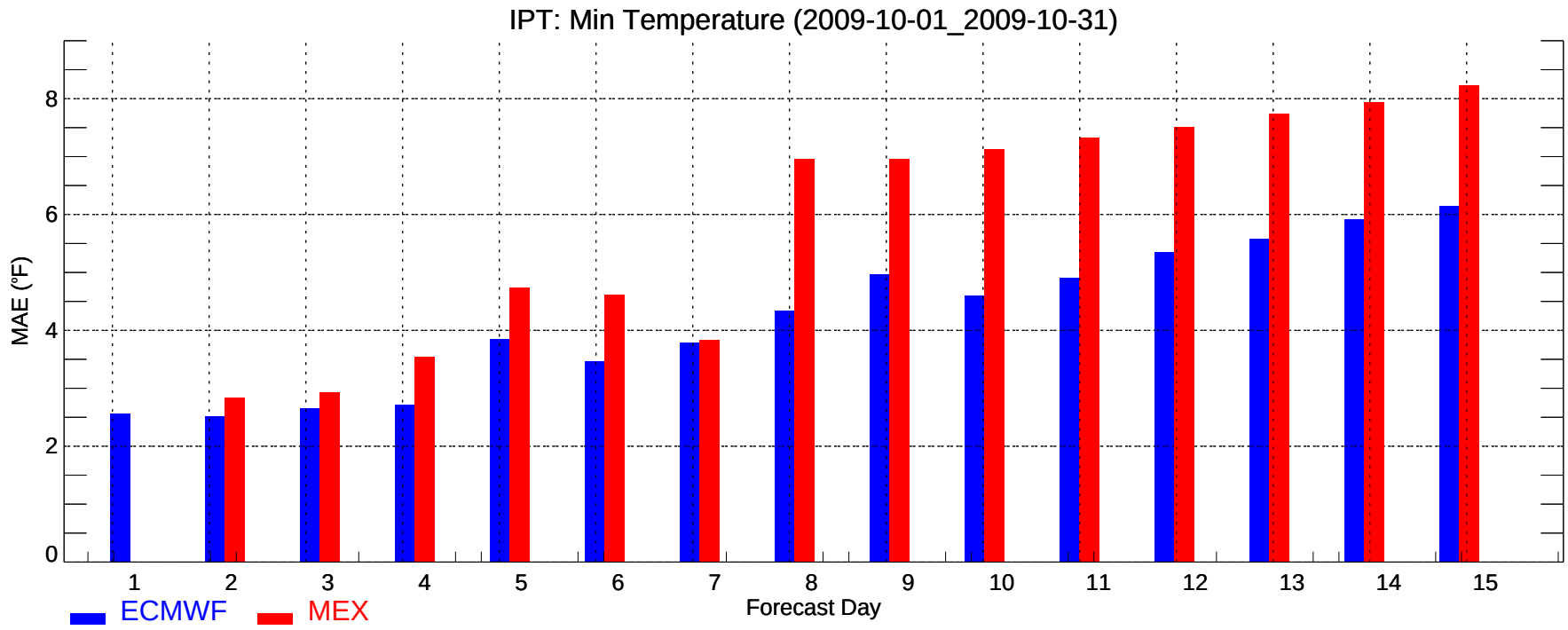
Forecast Day
ECMWF
MEX


IPT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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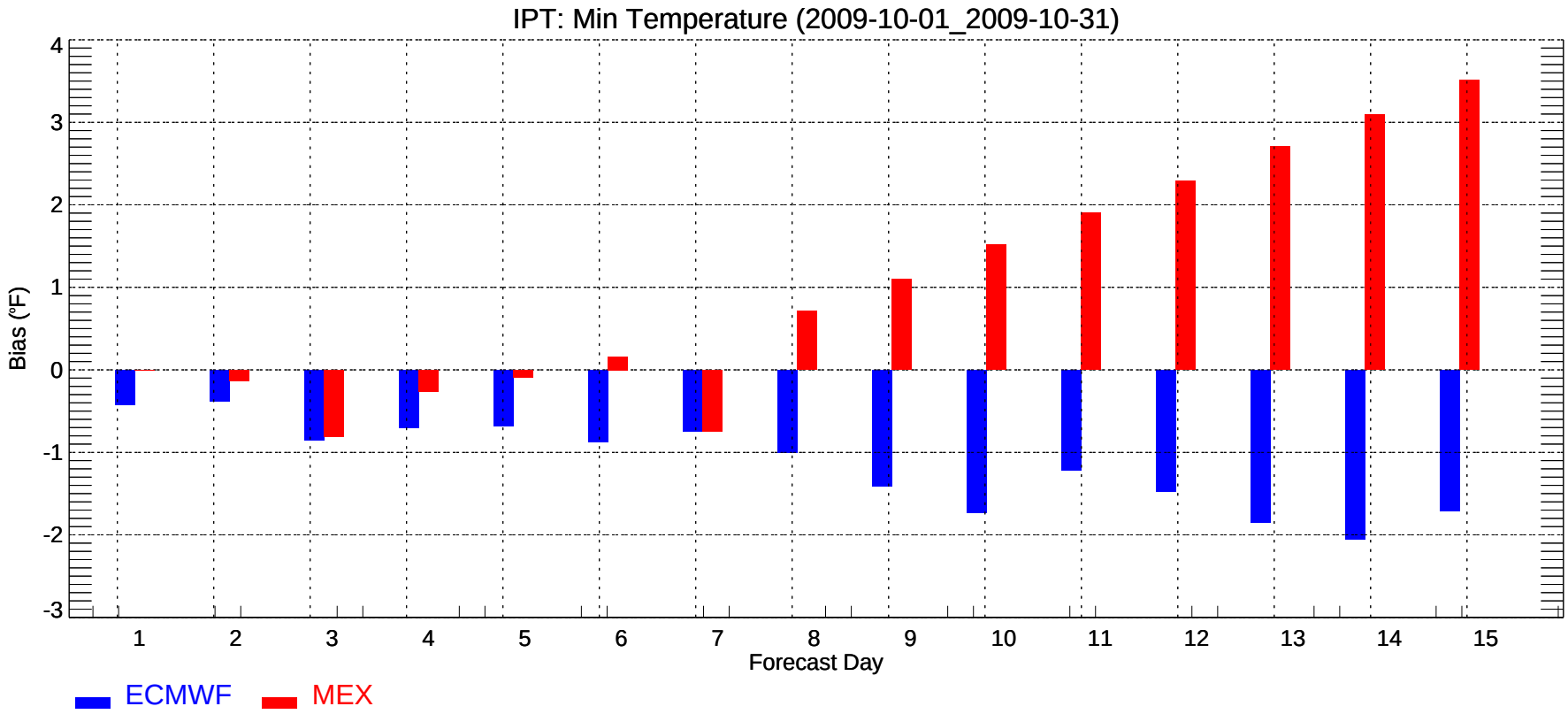
Forecast Day
ECMWF
MEX


IPT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
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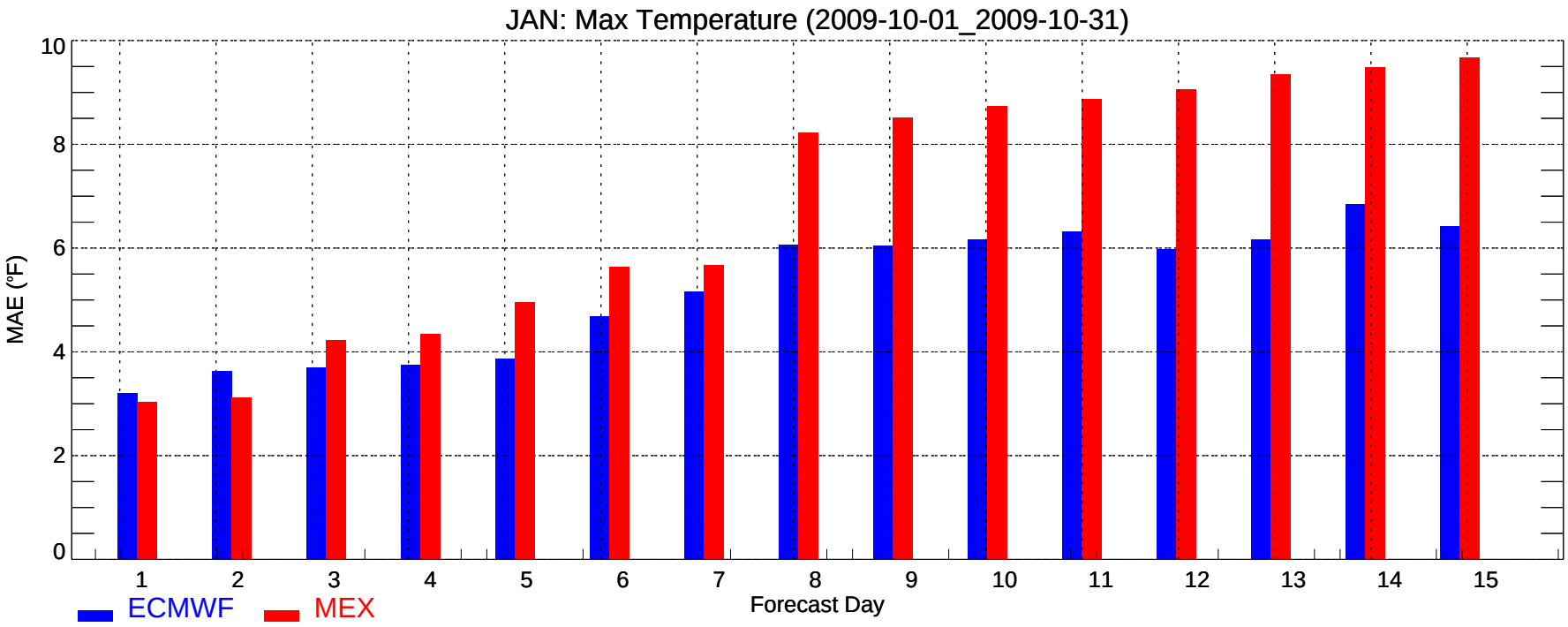
Forecast Day
ECMWF
MEX


JAN: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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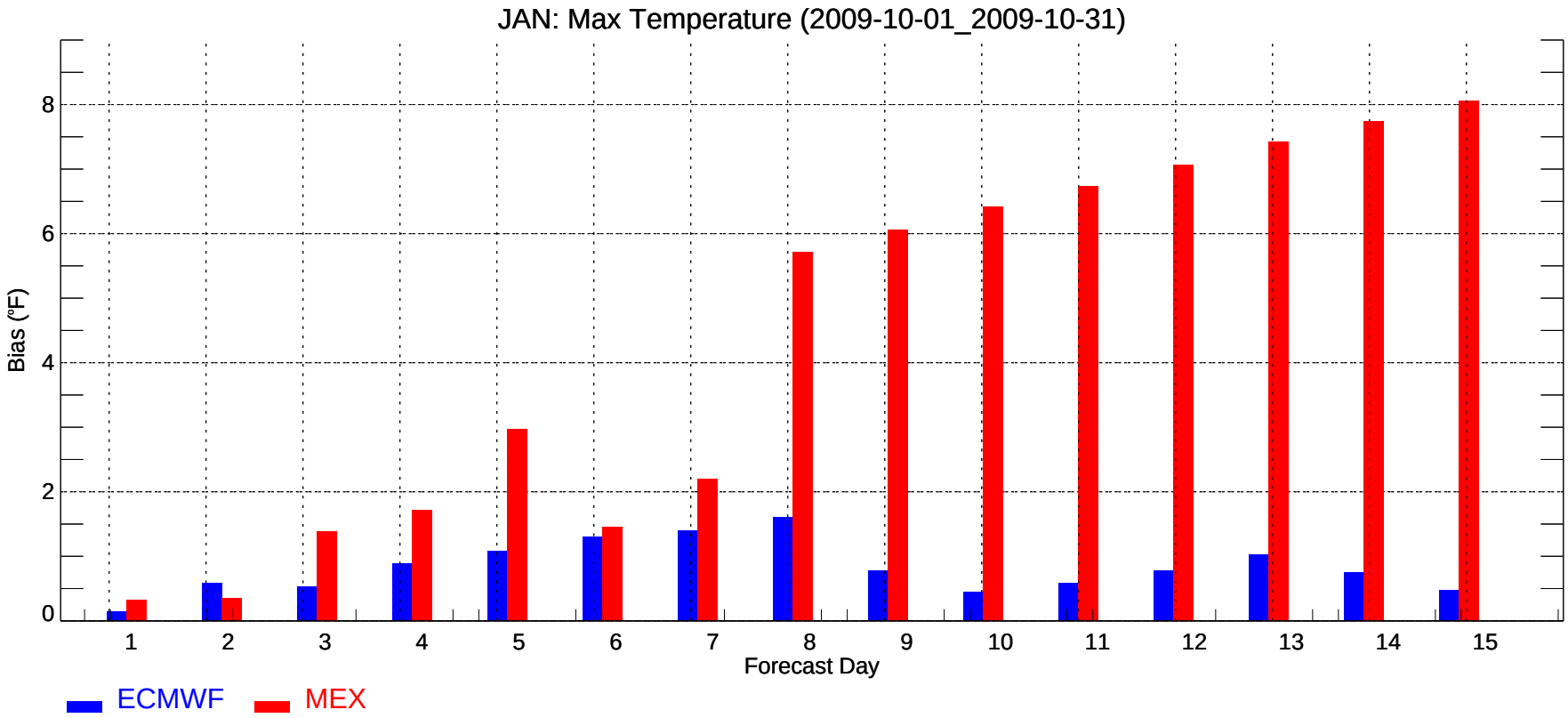
Forecast Day
ECMWF
MEX


JAN: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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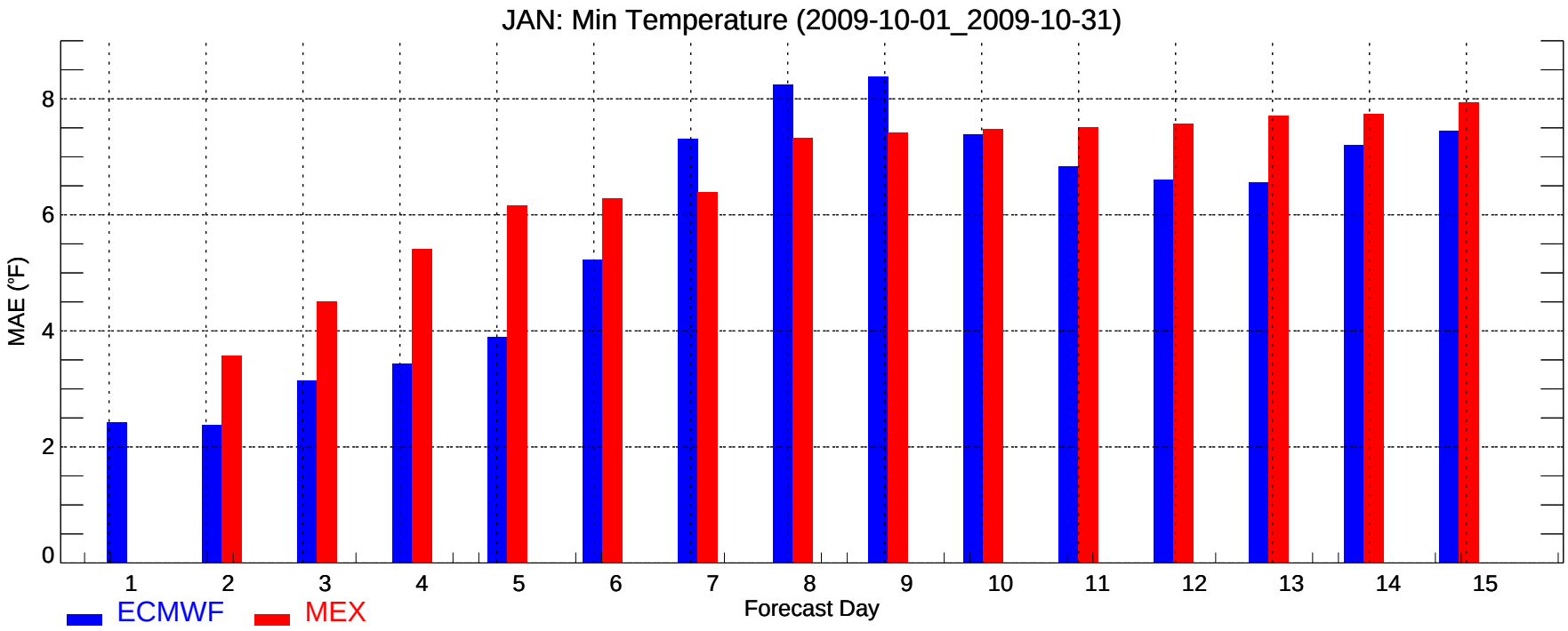
Forecast Day
ECMWF
MEX


JAN: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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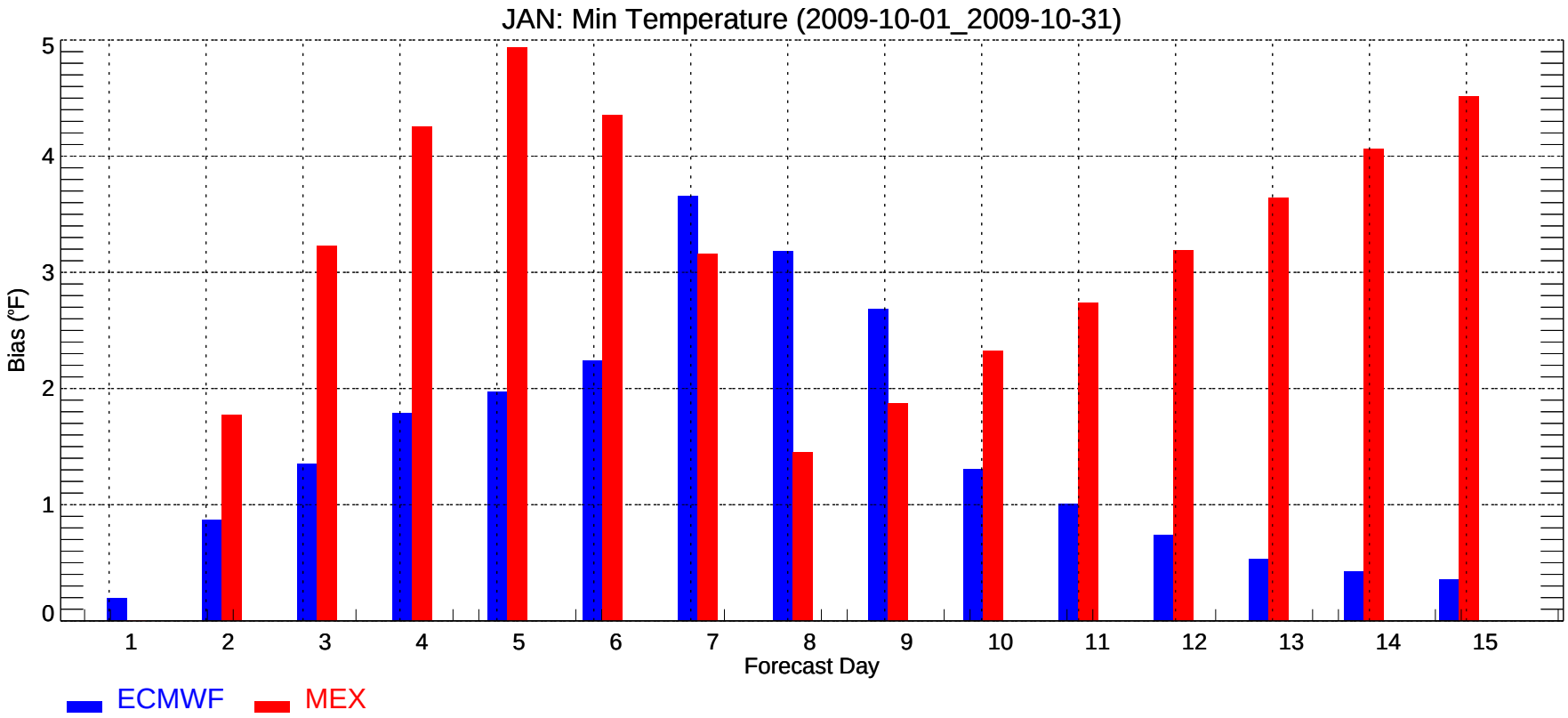
Forecast Day
ECMWF
MEX


JAN: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
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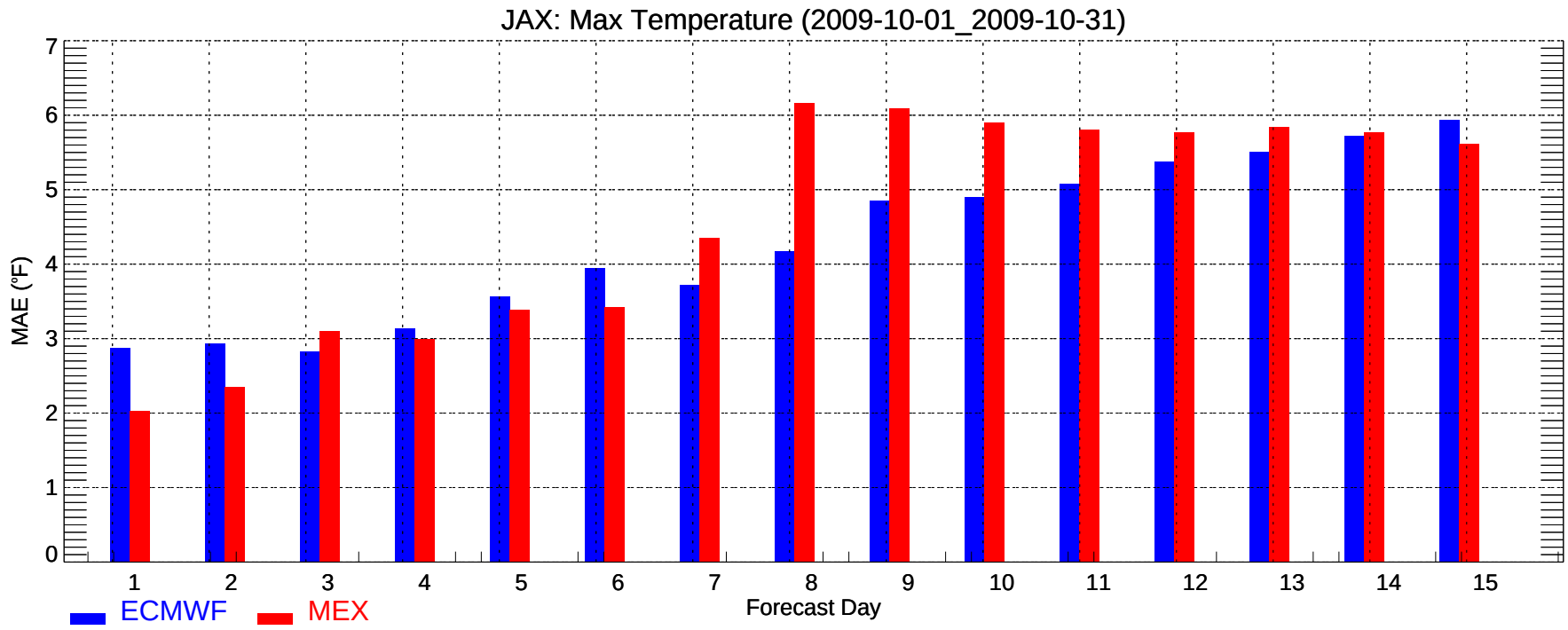
Forecast Day
ECMWF
MEX


JAX: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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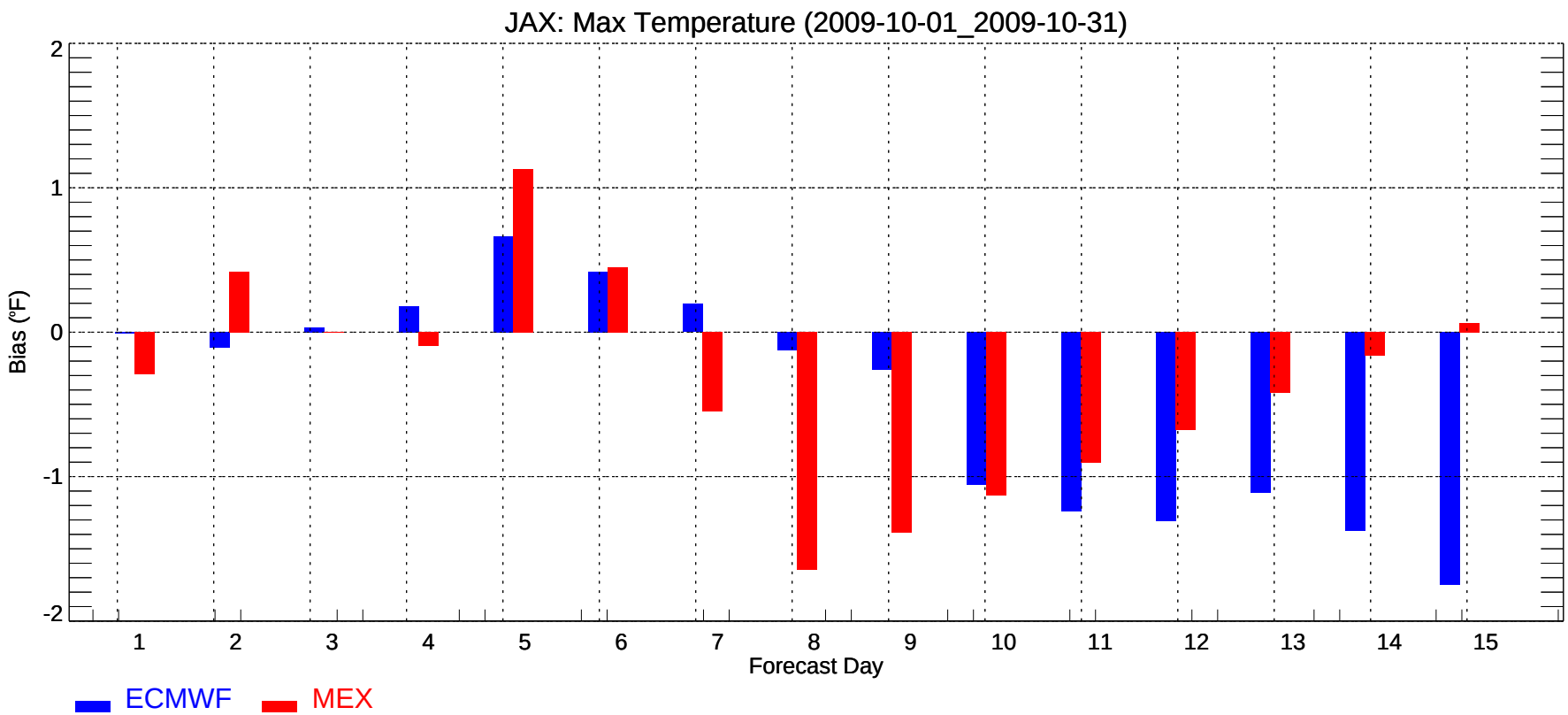
Forecast Day
ECMWF
MEX


JAX: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
2
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-1
-2
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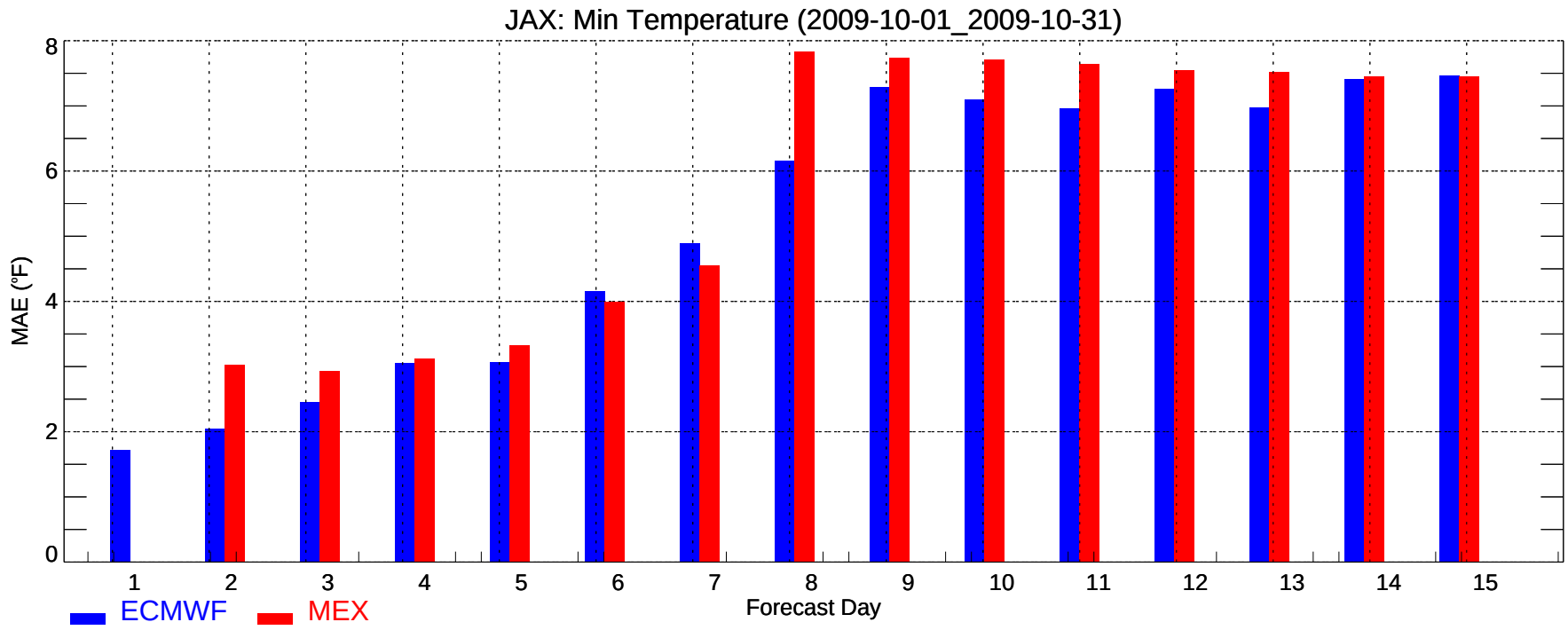
Forecast Day
ECMWF
MEX


JAX: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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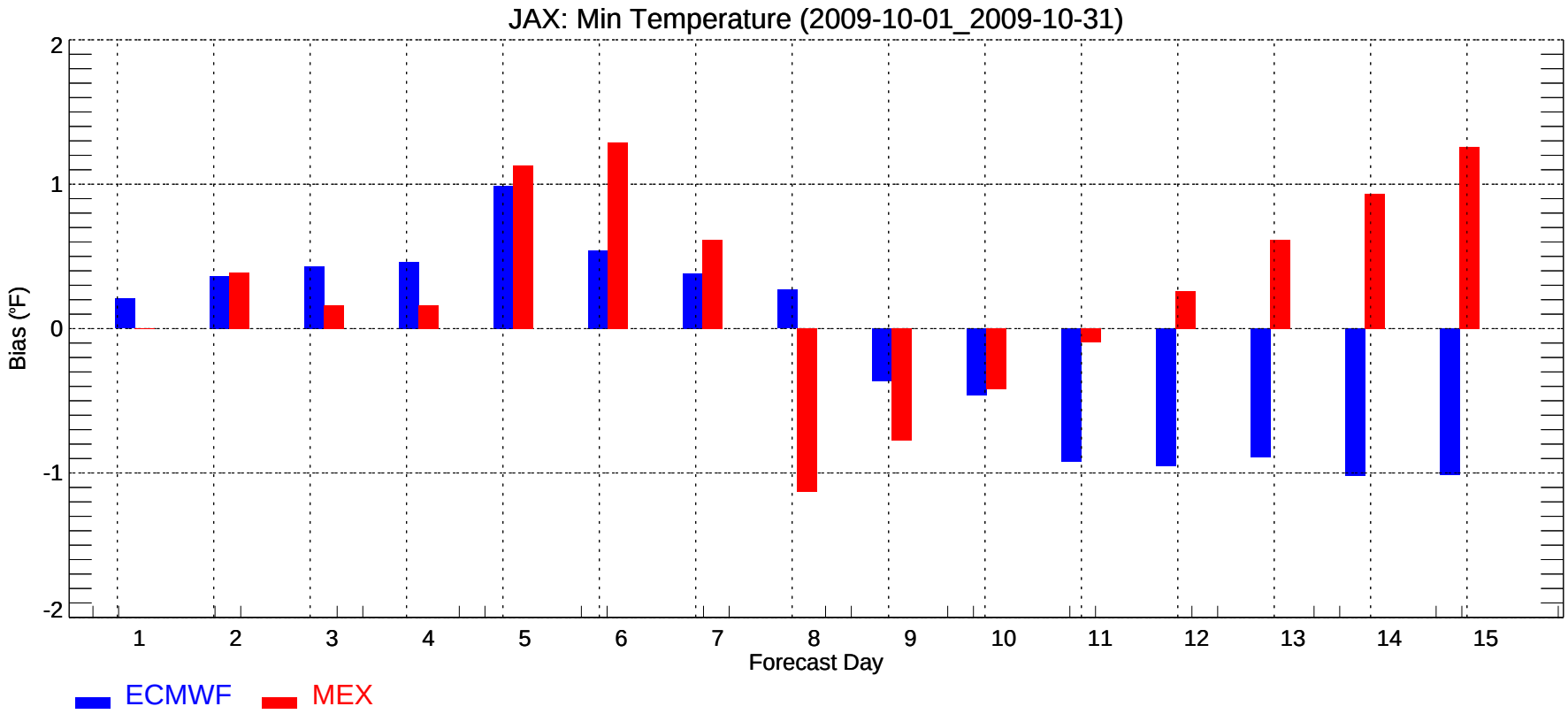
Forecast Day
ECMWF
MEX


JAX: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
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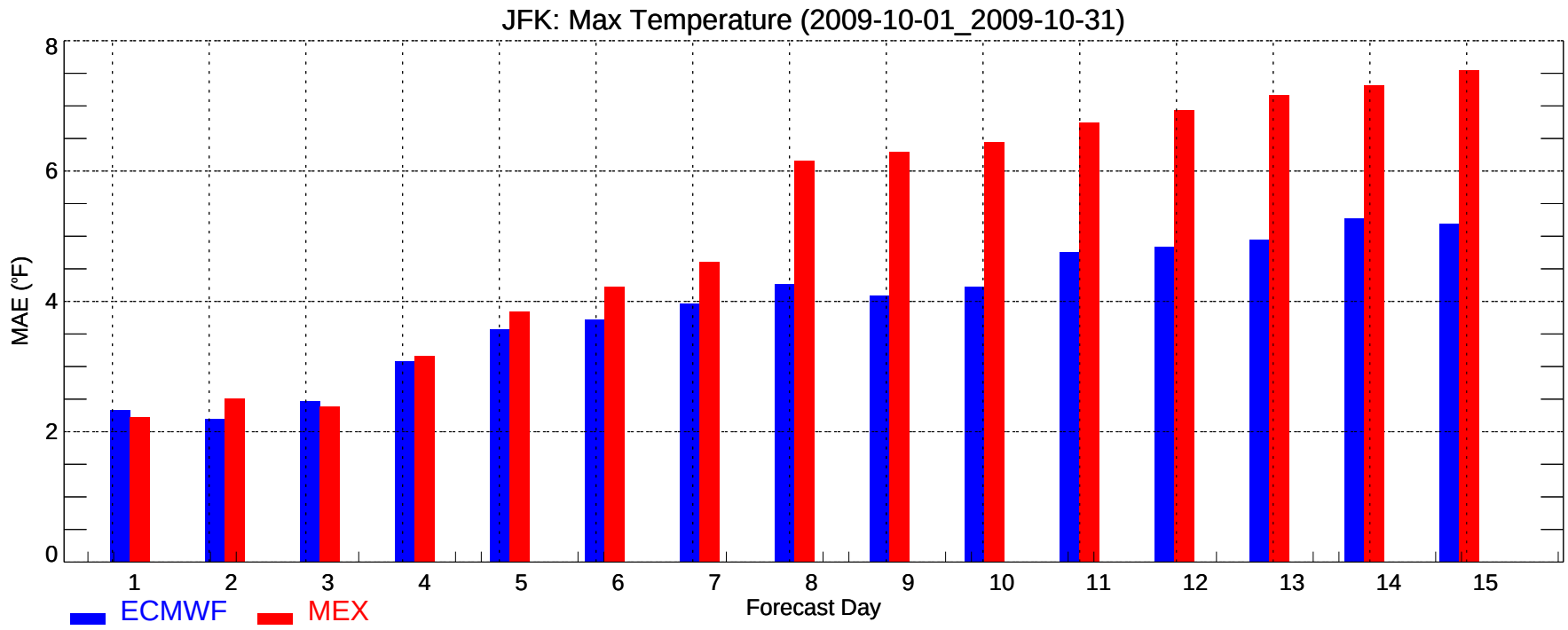
Forecast Day
ECMWF
MEX


JFK: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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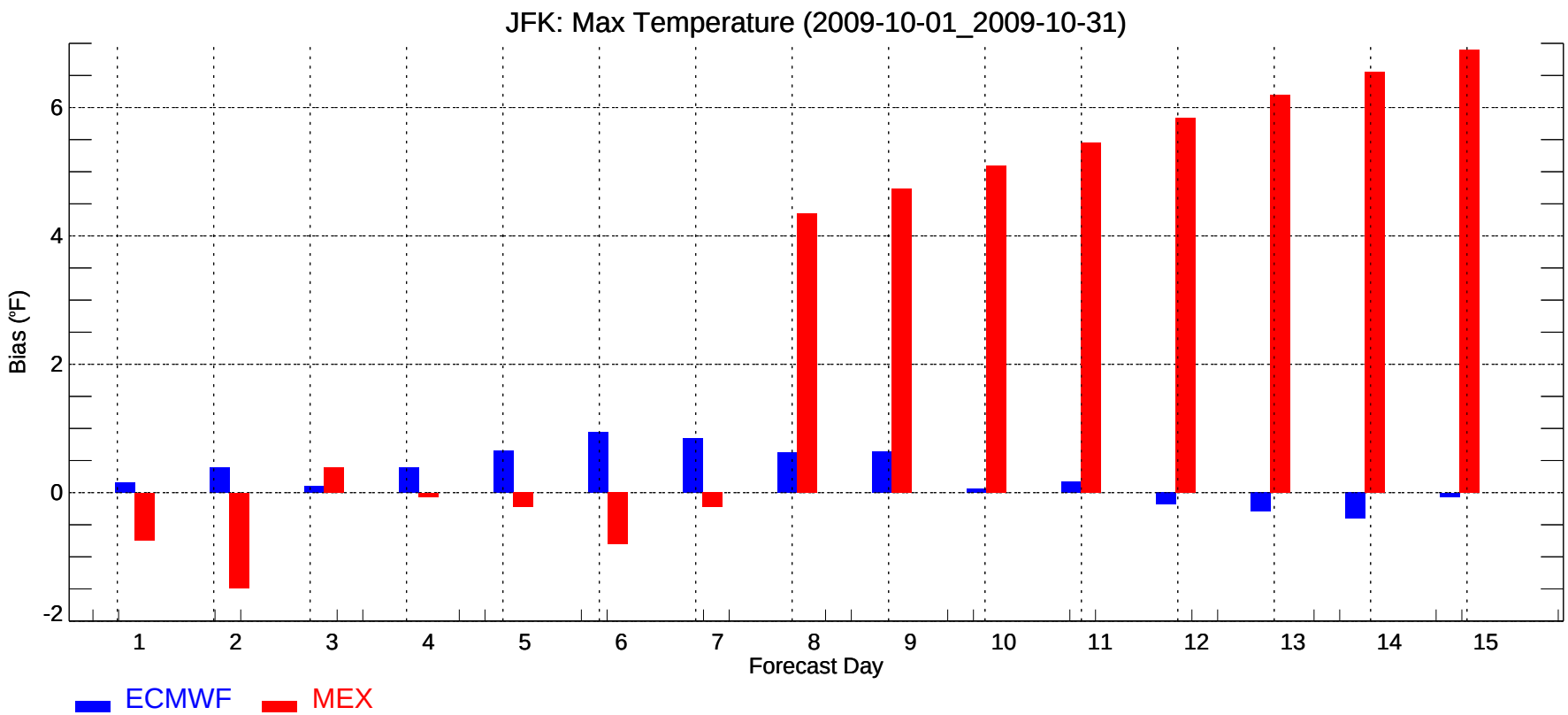
Forecast Day
ECMWF
MEX


JFK: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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Forecast Day
ECMWF
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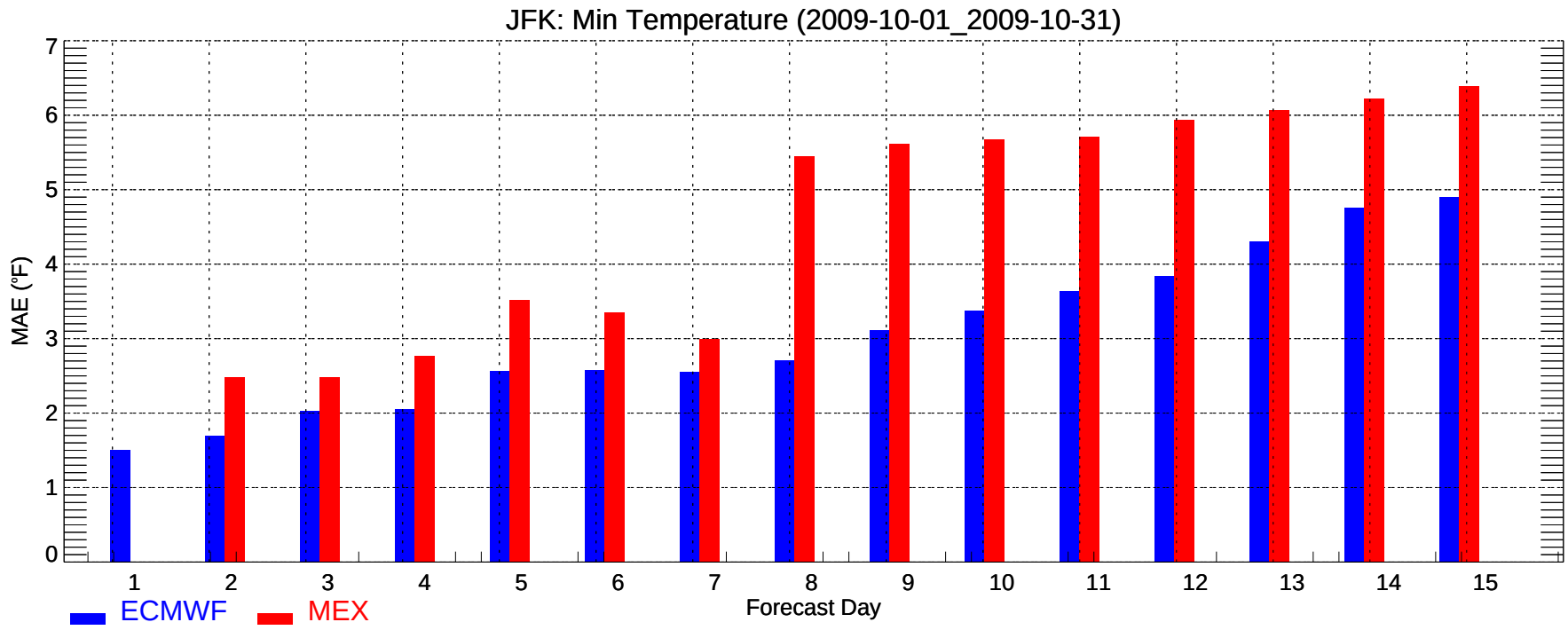
JFK: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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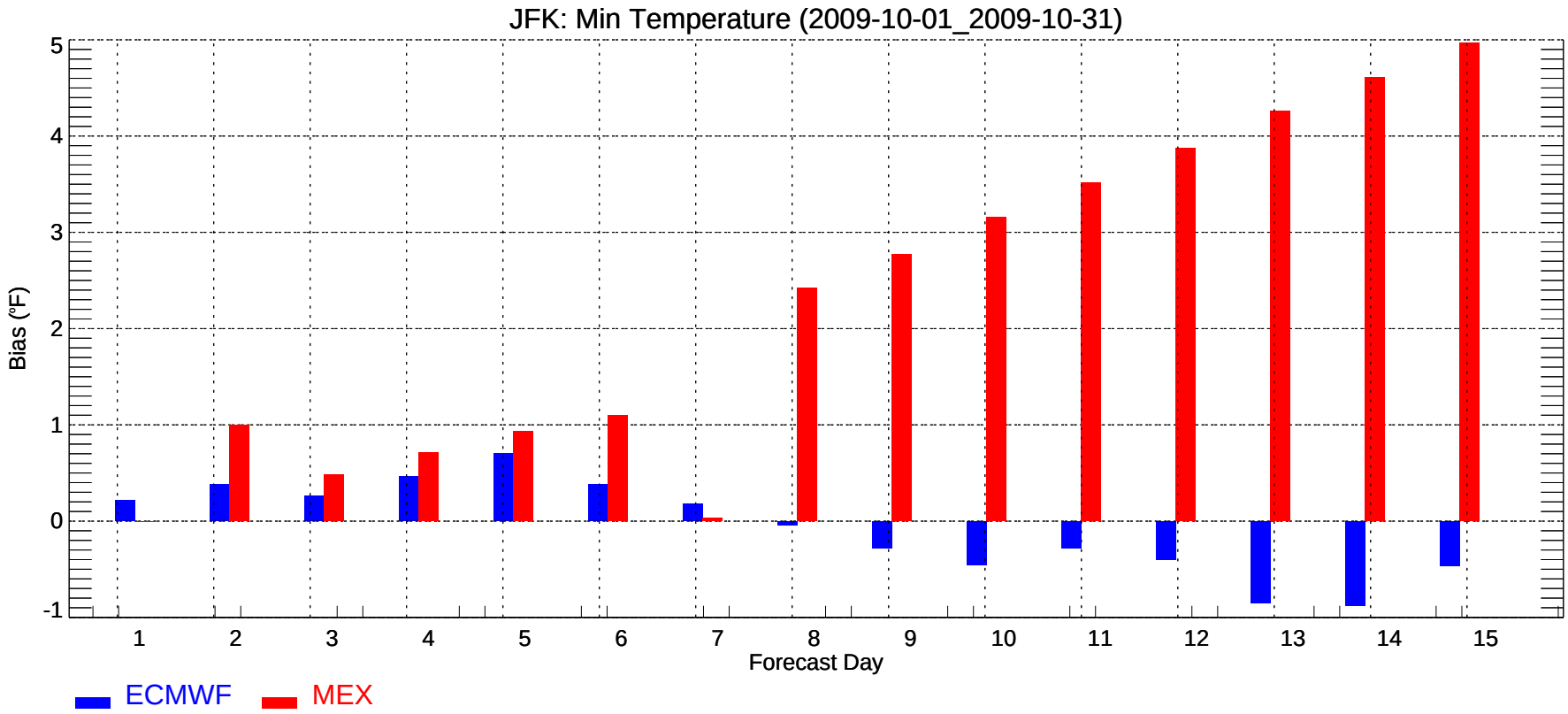
Forecast Day
ECMWF
MEX


JFK: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
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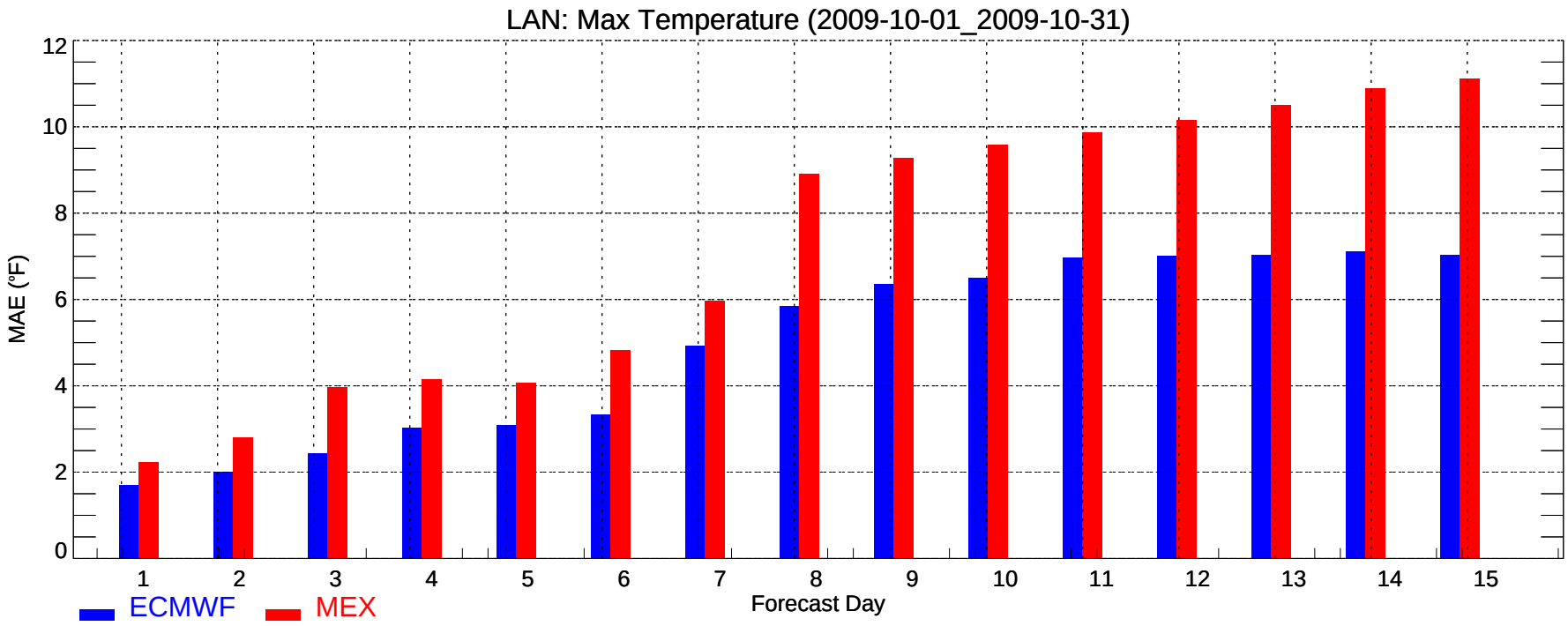
Forecast Day
ECMWF
MEX


LAN: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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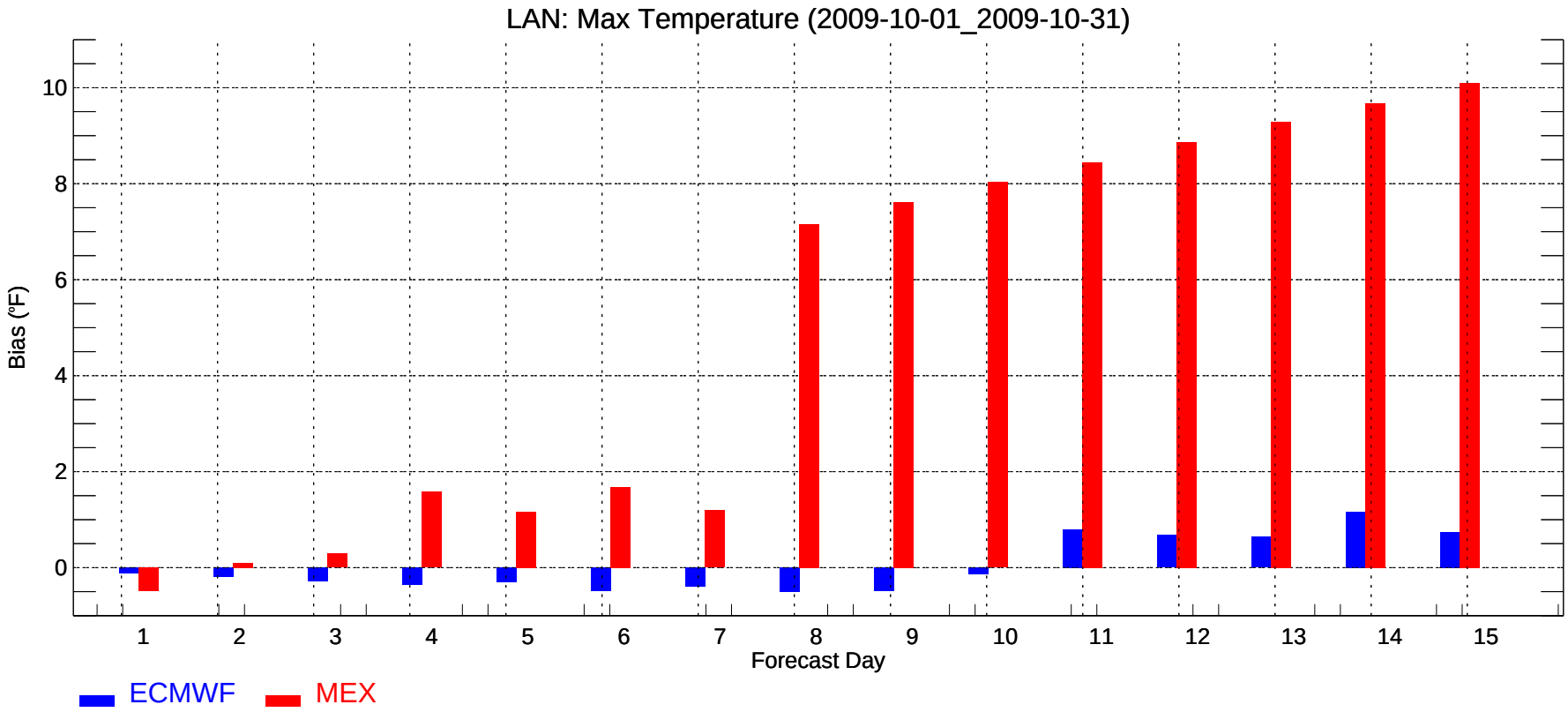
Forecast Day
ECMWF
MEX


LAN: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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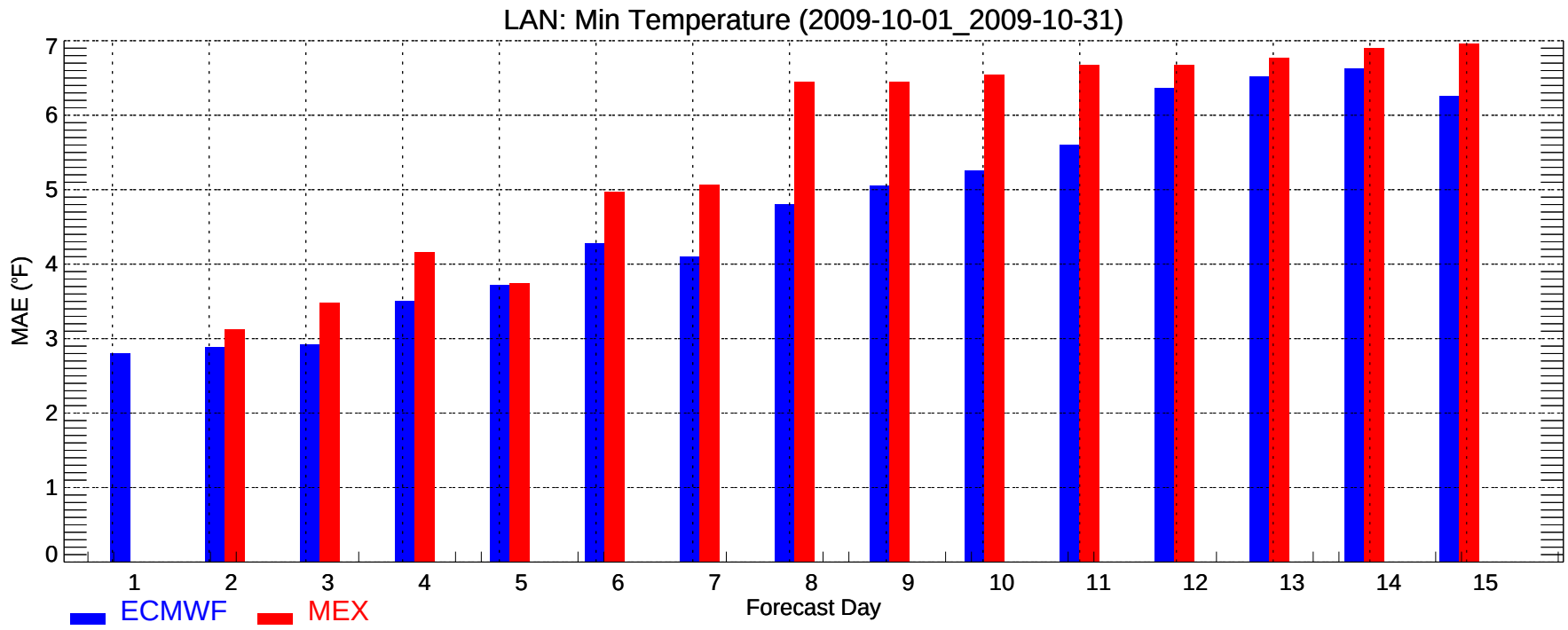
Forecast Day
ECMWF
MEX


LAN: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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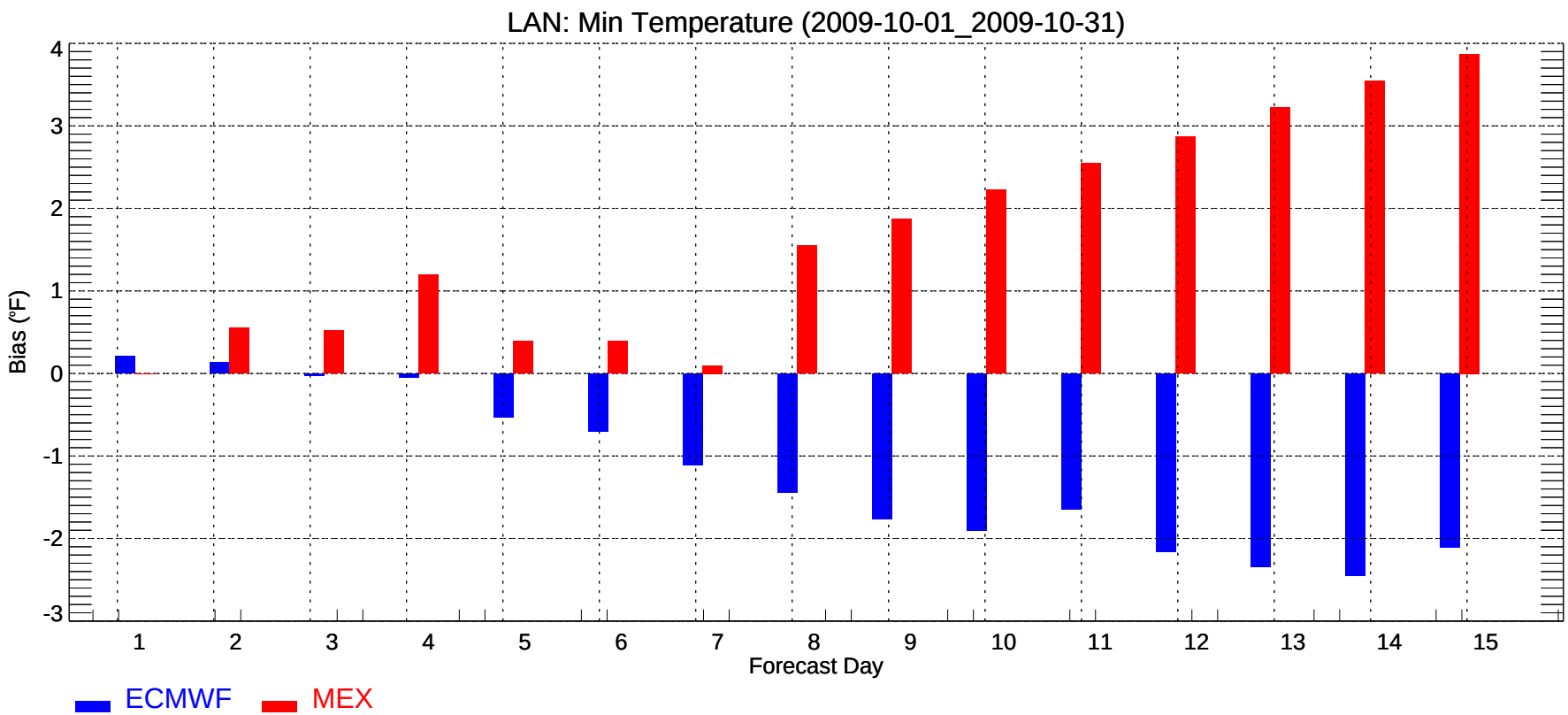
Forecast Day
ECMWF
MEX


LAN: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-3
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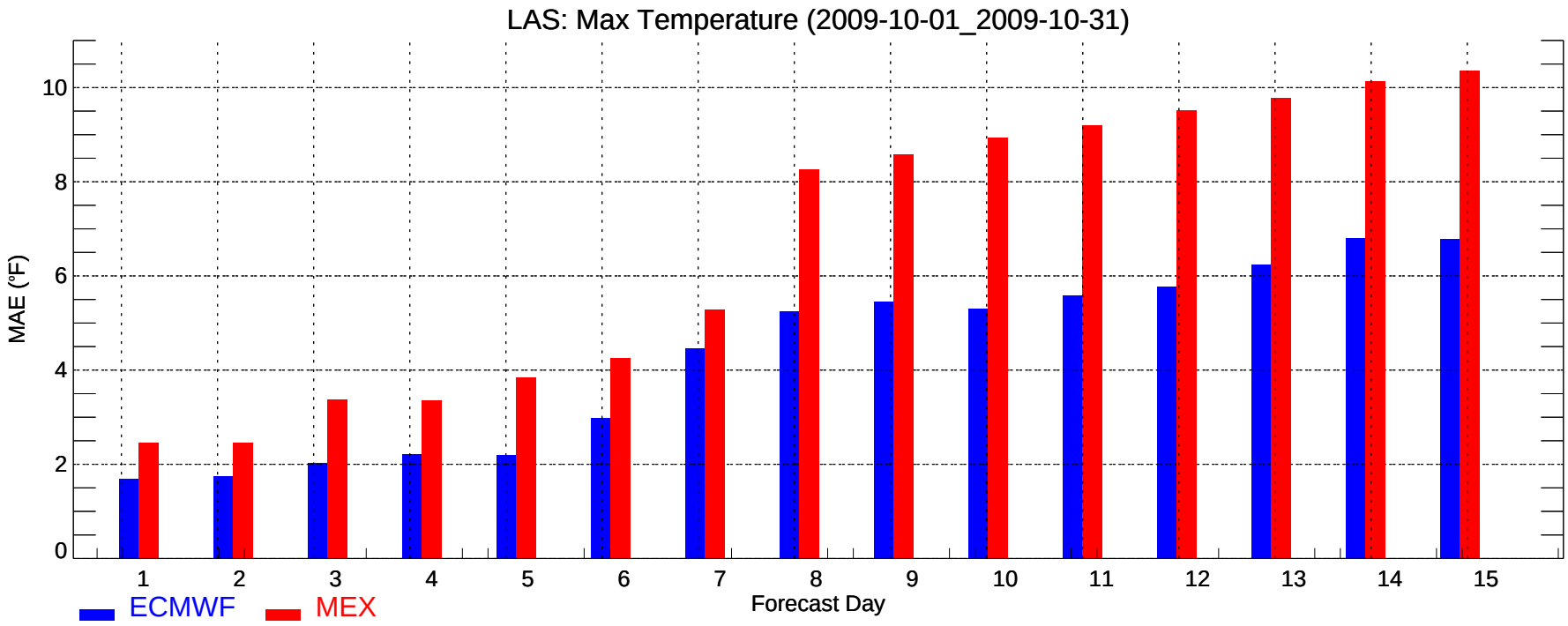
Forecast Day
ECMWF
MEX


LAS: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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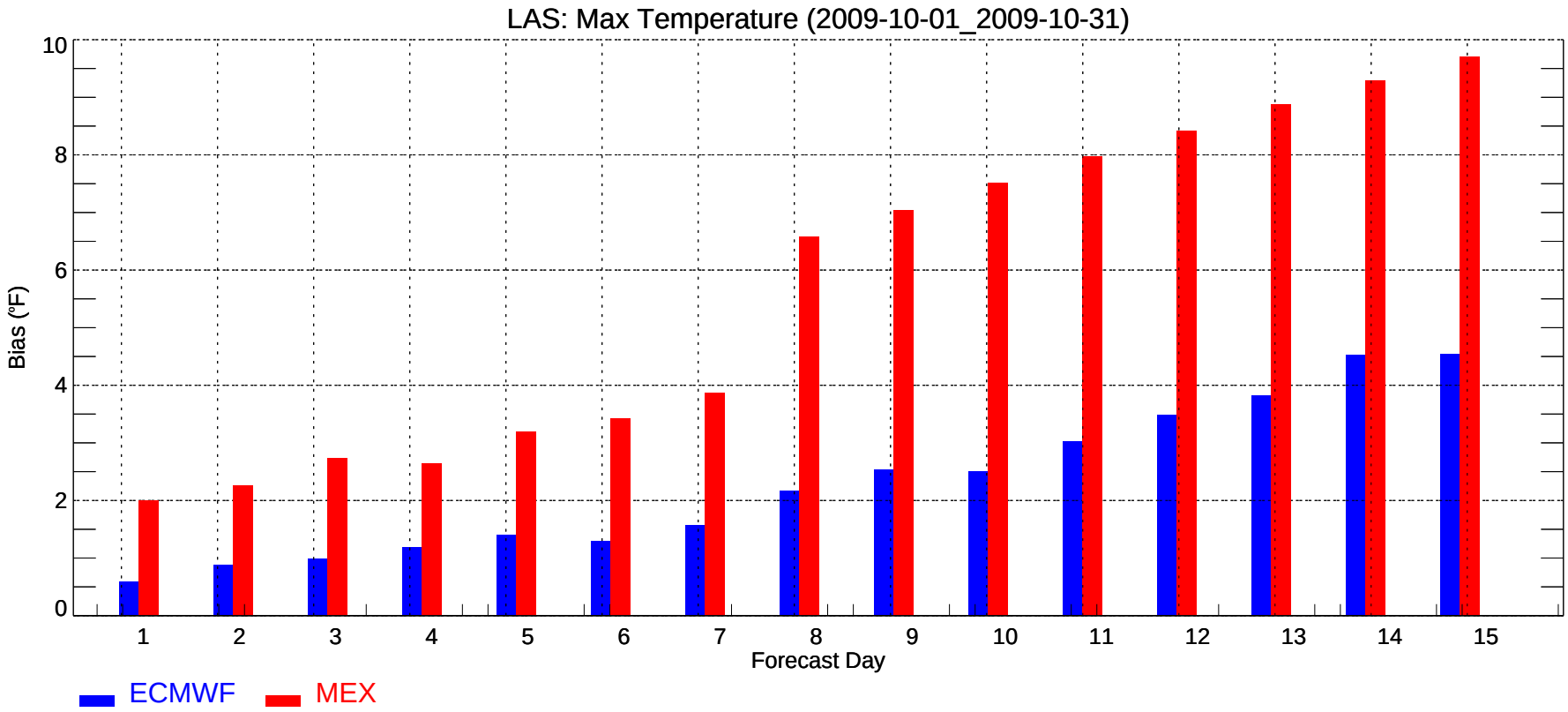
Forecast Day
ECMWF
MEX


LAS: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
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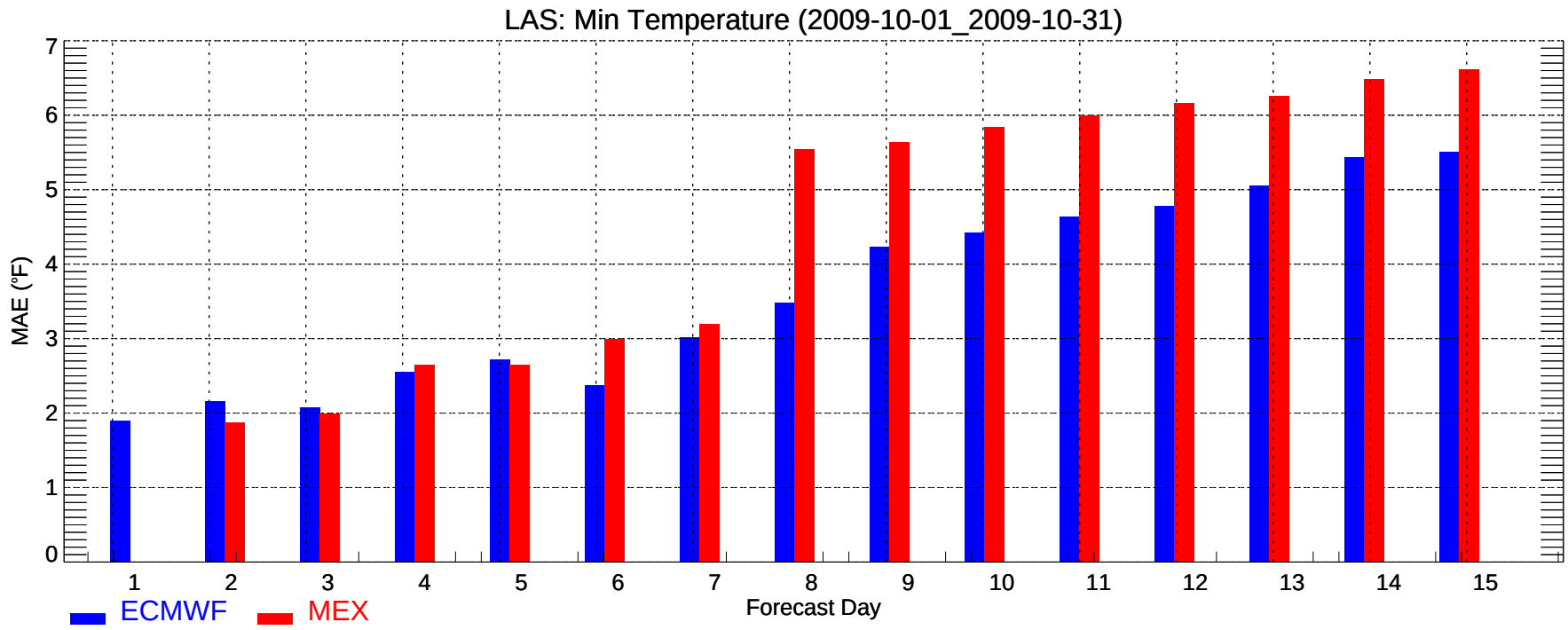
Forecast Day
ECMWF
MEX


LAS: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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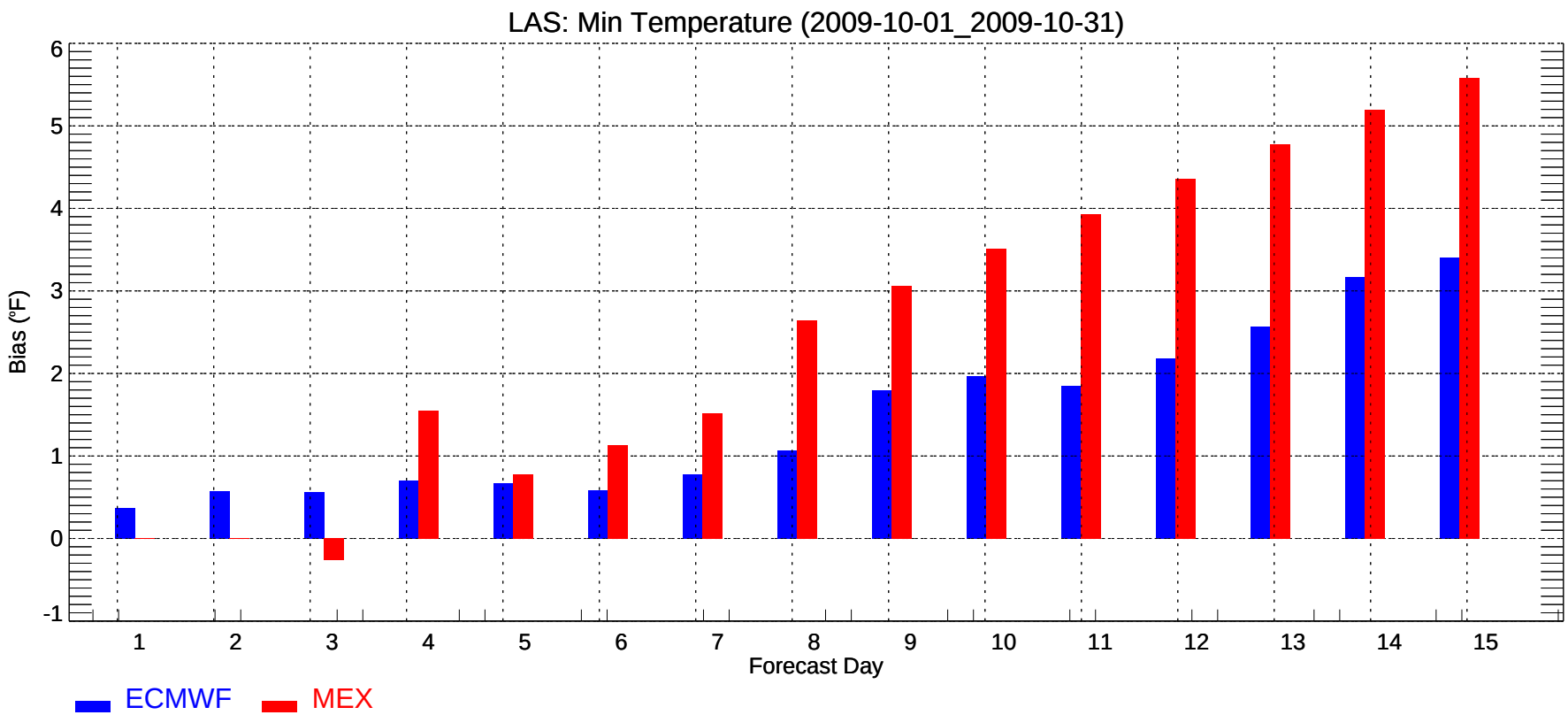
Forecast Day
ECMWF
MEX


LAS: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
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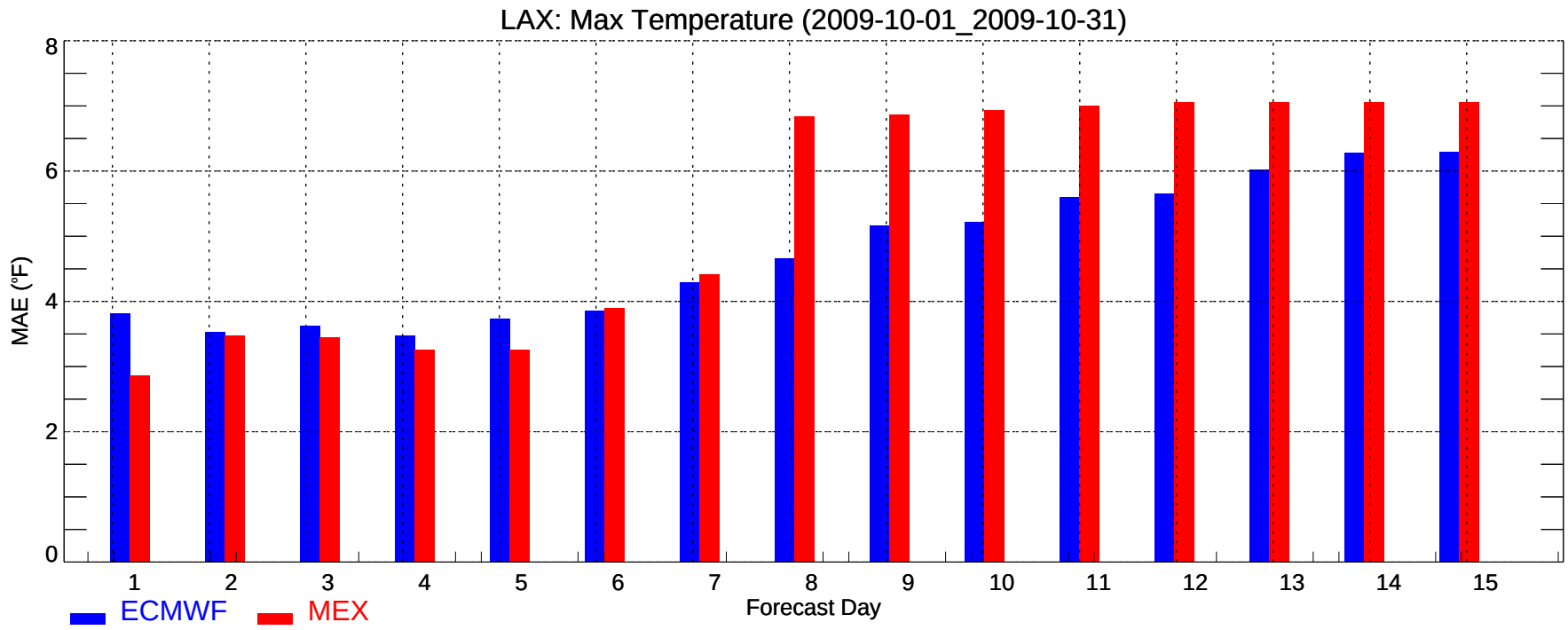
15
Forecast Day
ECMWF
MEX


LAX: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
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2
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8
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13
14
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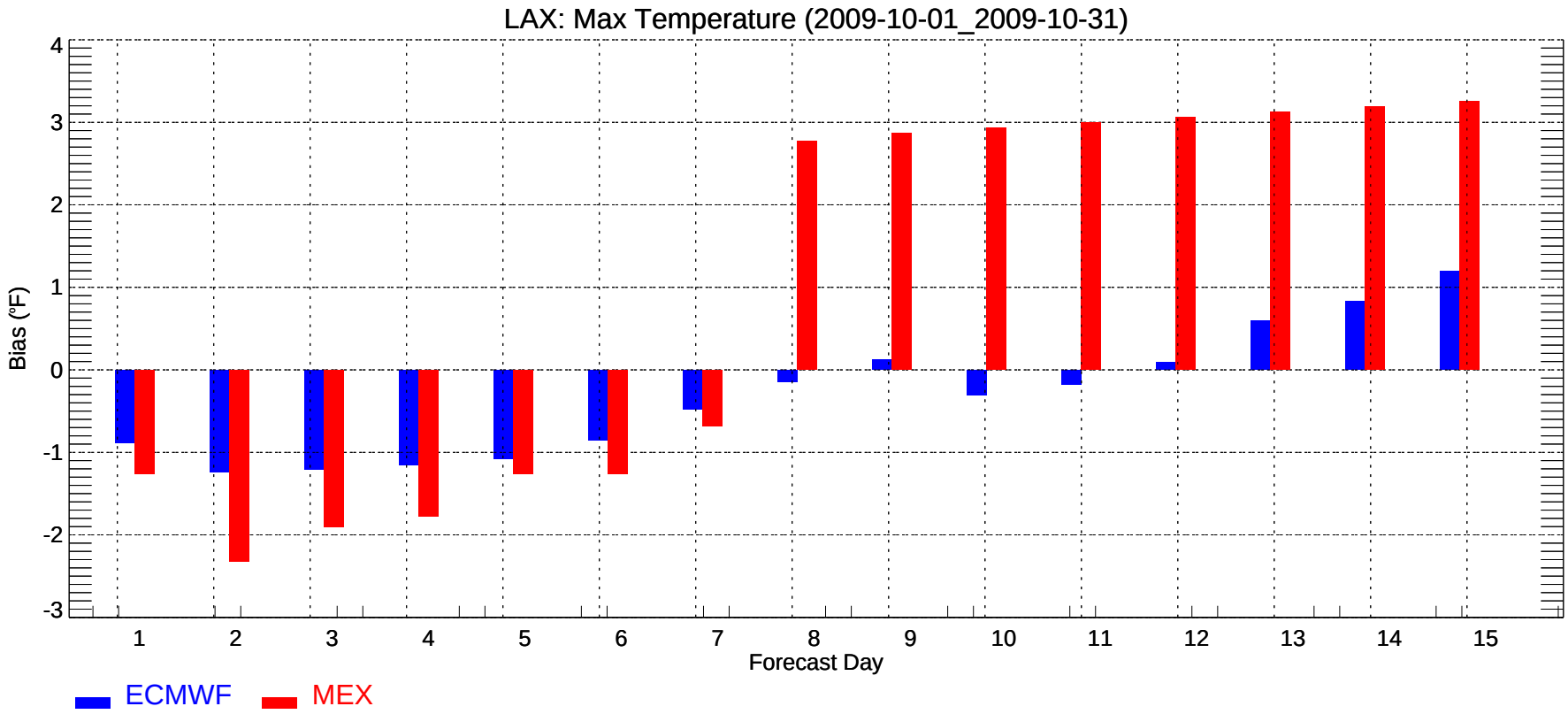
Forecast Day
ECMWF
MEX


LAX: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
4
3
2
1
0
-1
-2
-3
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13
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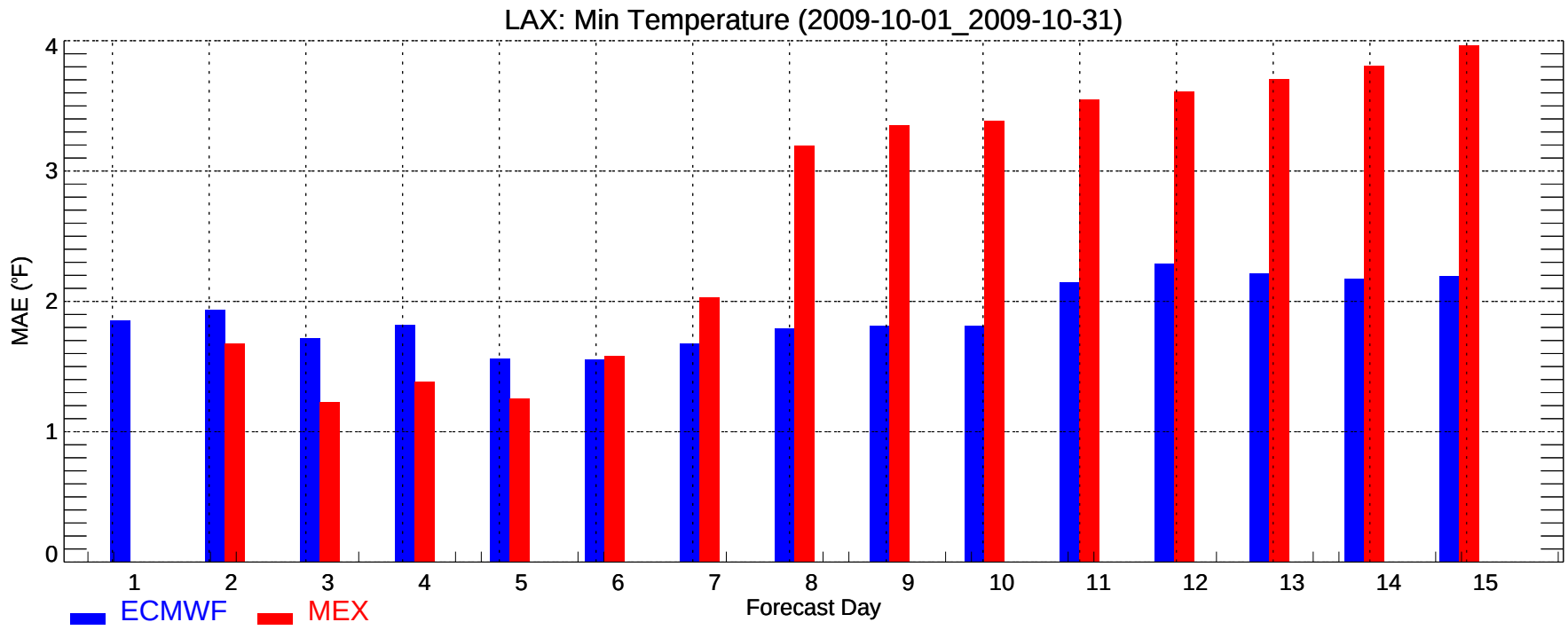
Forecast Day
ECMWF
MEX


LAX: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
1
2
3
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5
6
7
8
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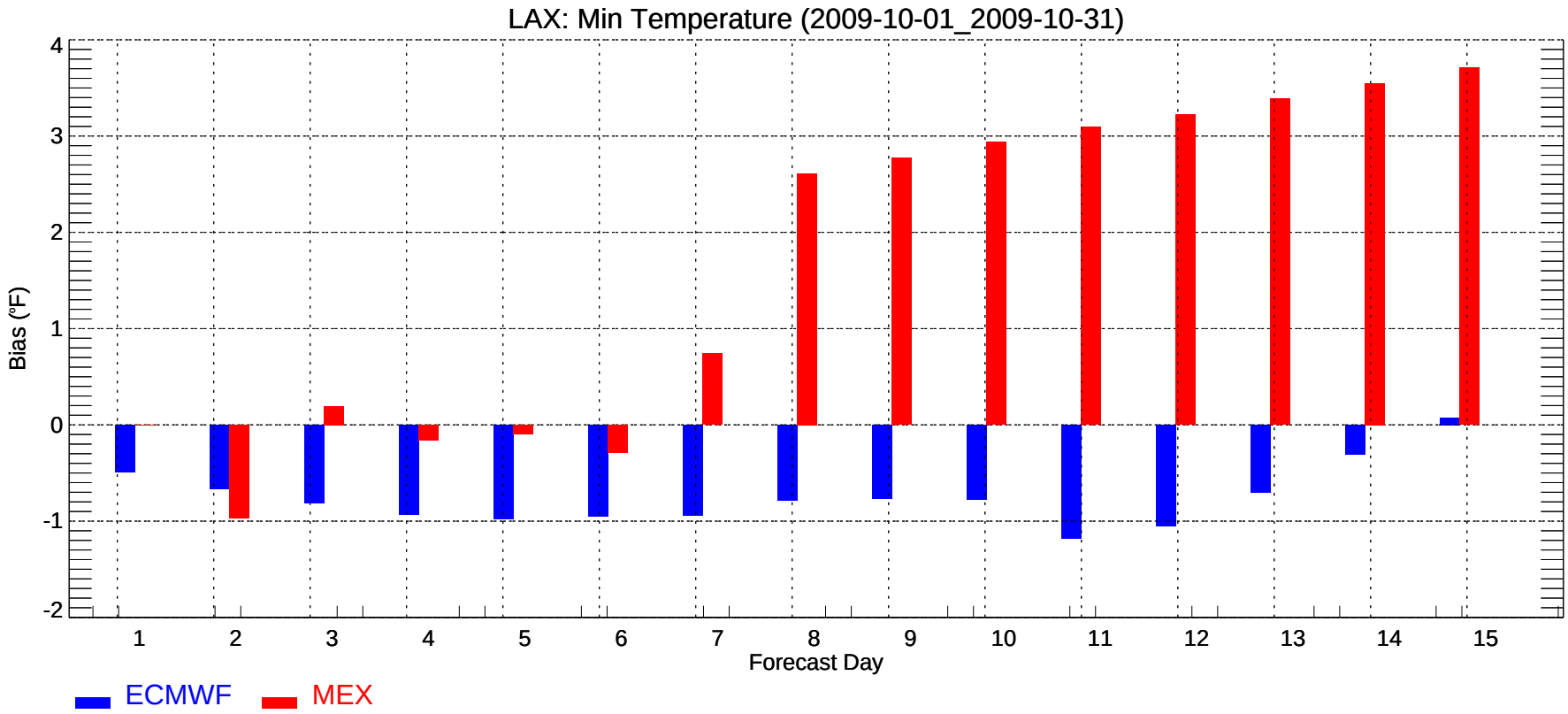
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


LAX: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
4
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14
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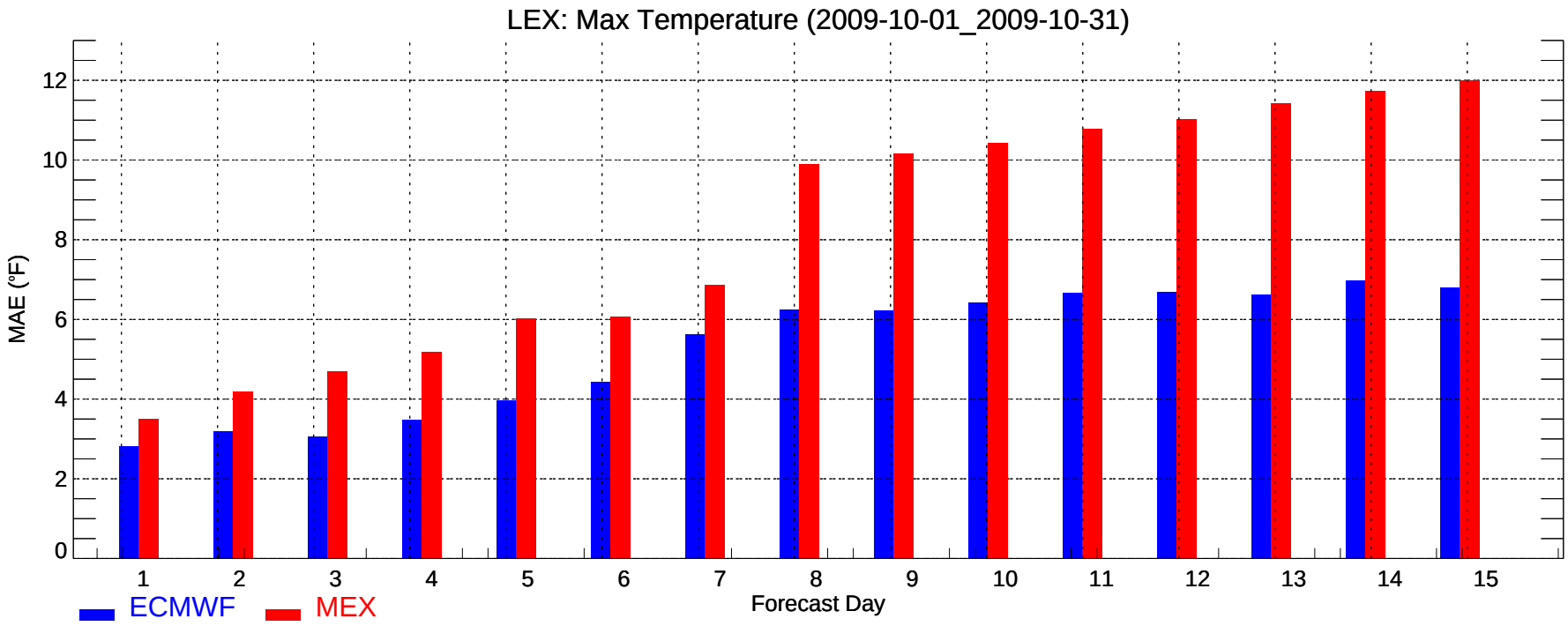
Forecast Day
ECMWF
MEX


LEX: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
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1
2
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14
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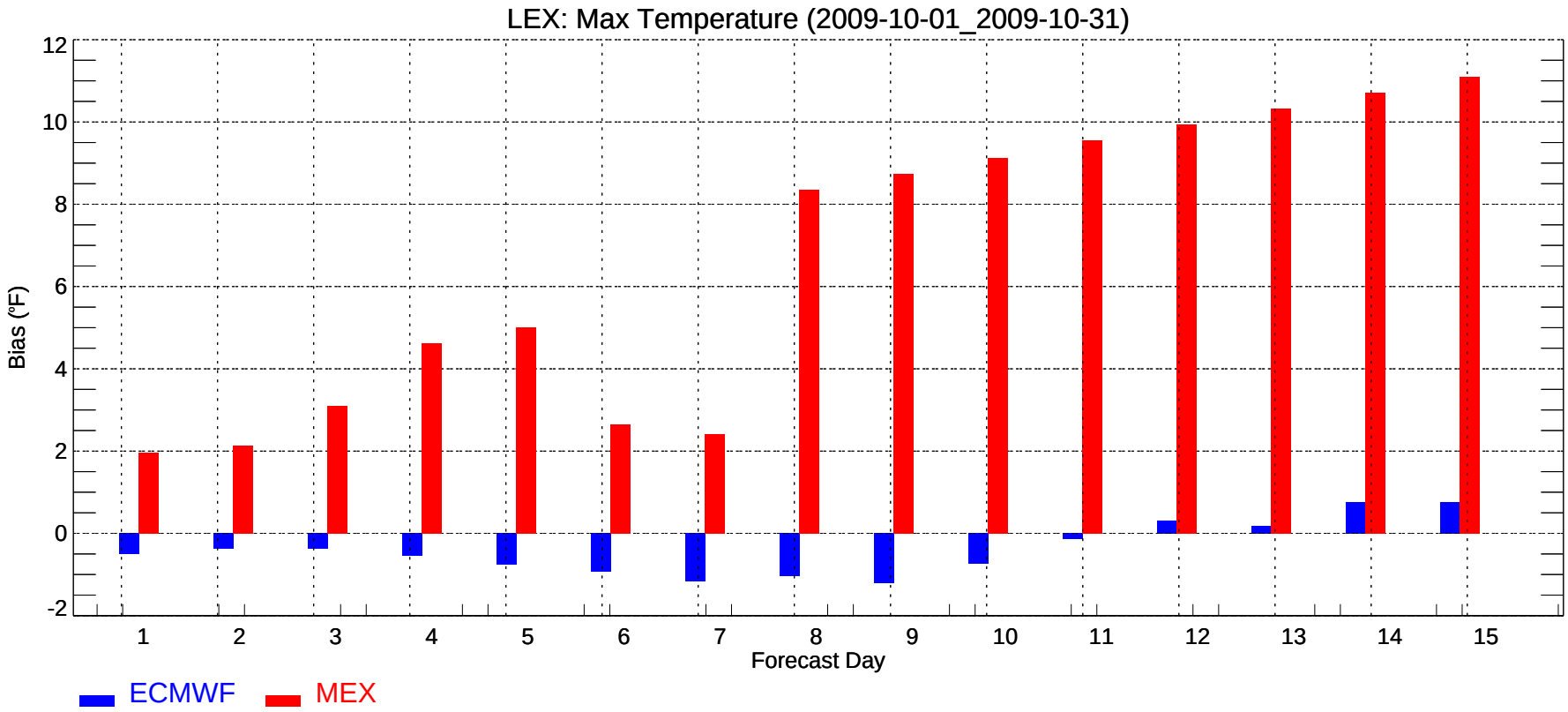
Forecast Day
ECMWF
MEX


LEX: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
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1
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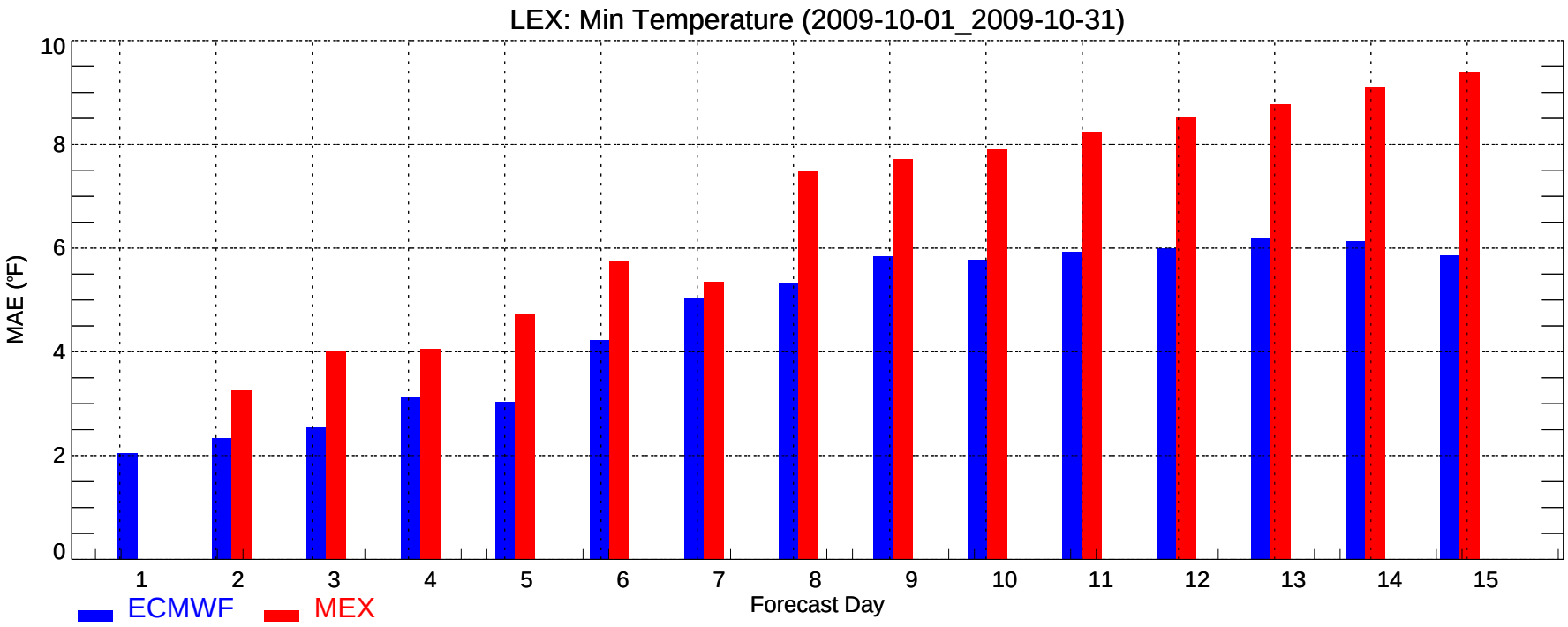
Forecast Day
ECMWF
MEX


LEX: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
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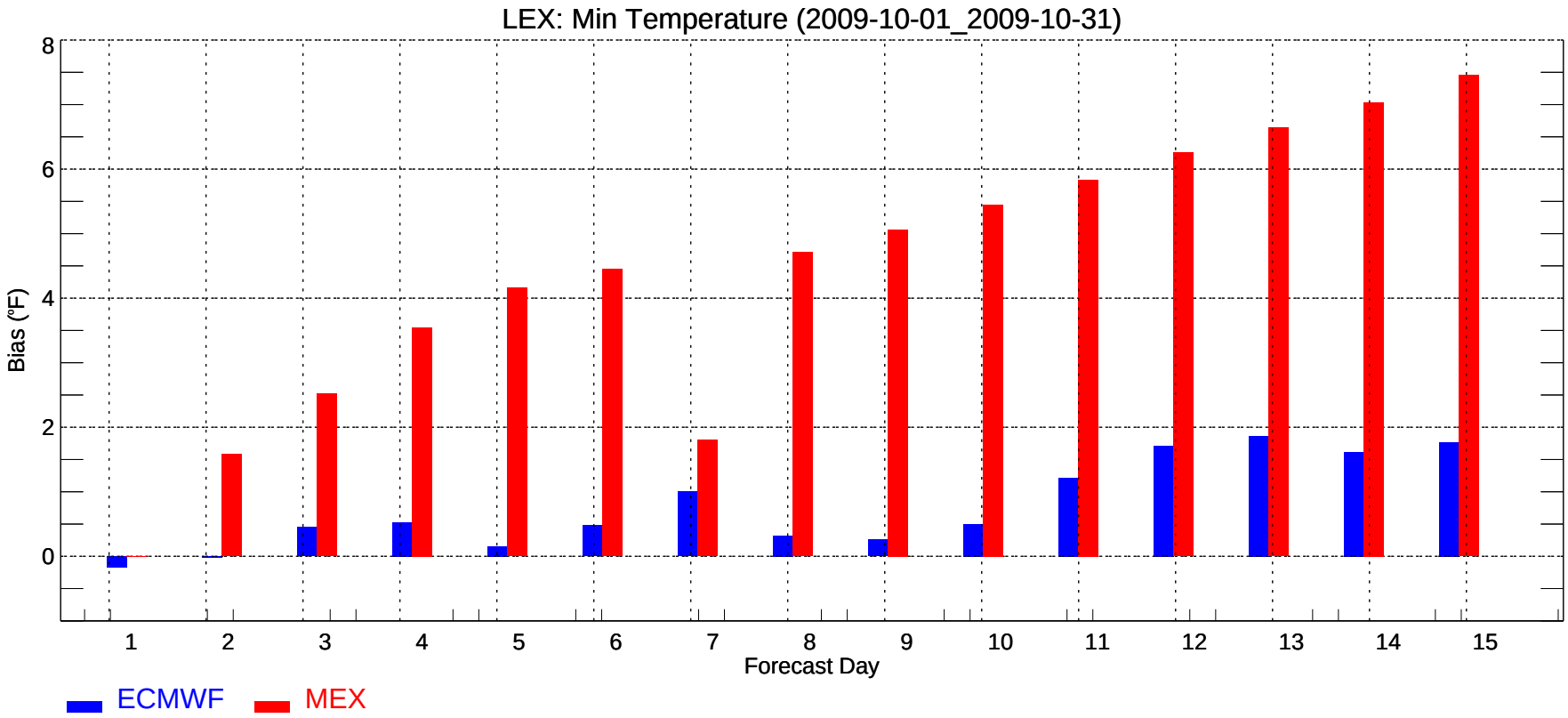
Forecast Day
ECMWF
MEX


LEX: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
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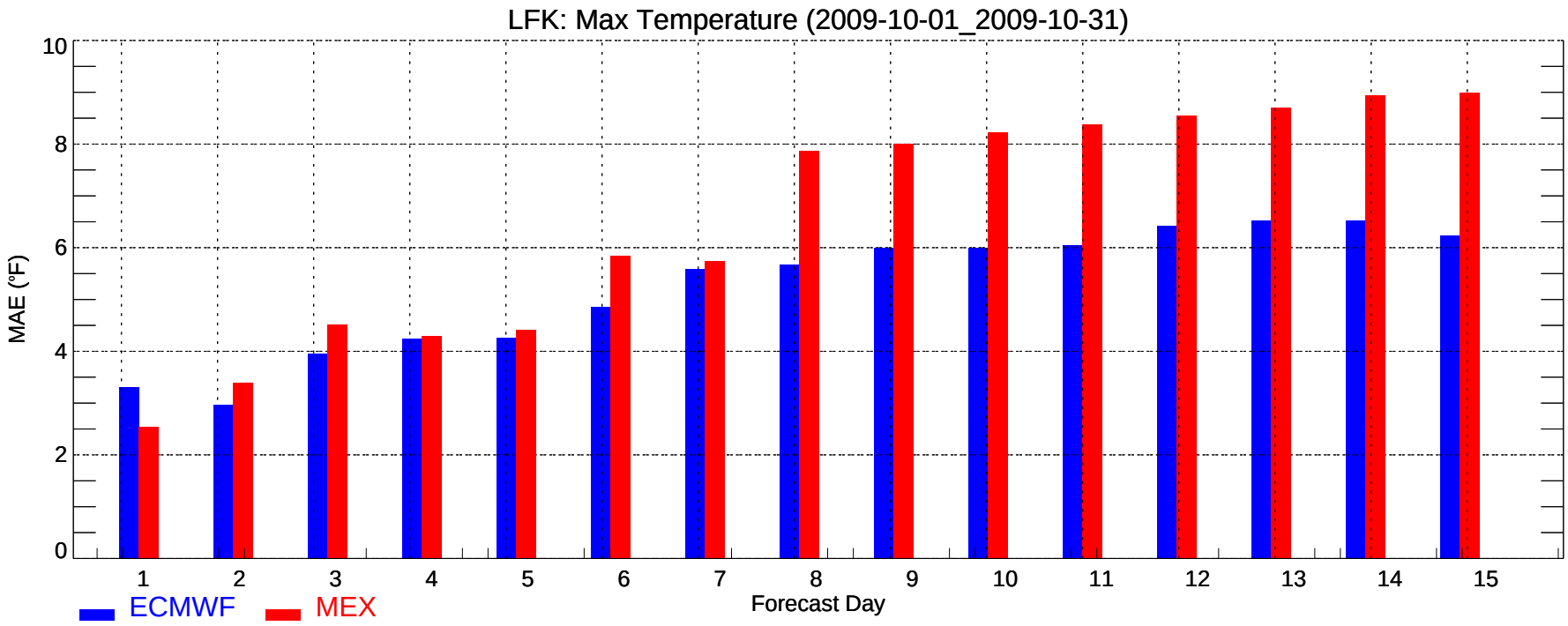
Forecast Day
ECMWF
MEX


LFK: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
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1
2
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13
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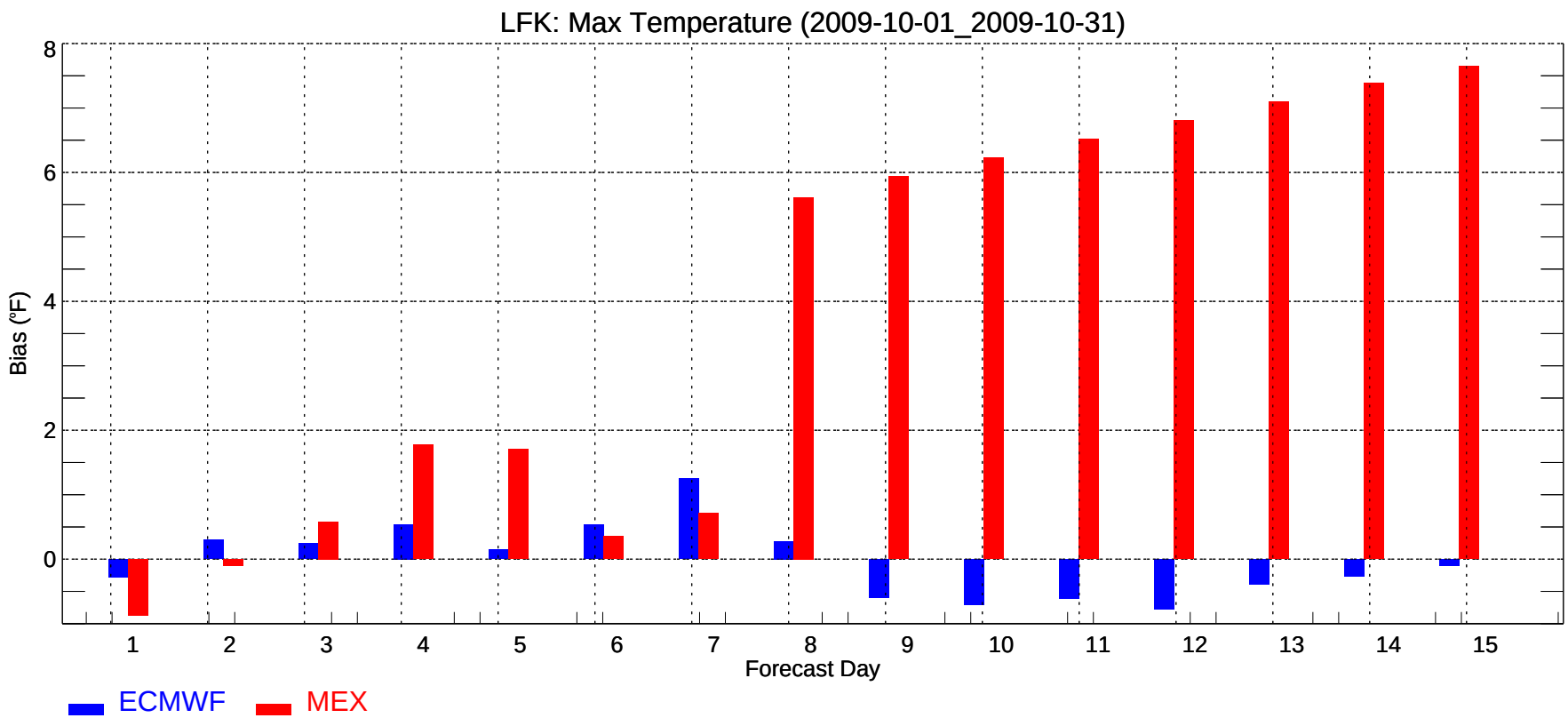
Forecast Day
ECMWF
MEX


LFK: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
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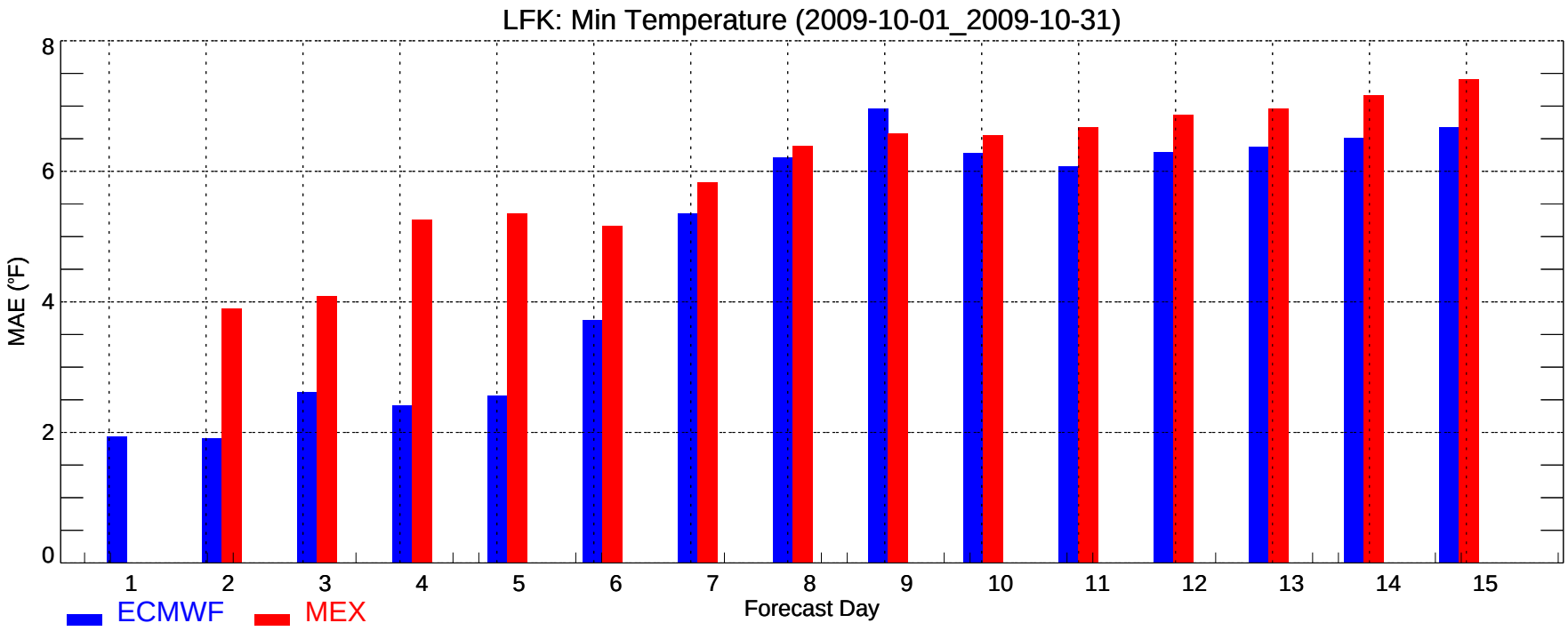
Forecast Day
ECMWF
MEX


LFK: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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1
2
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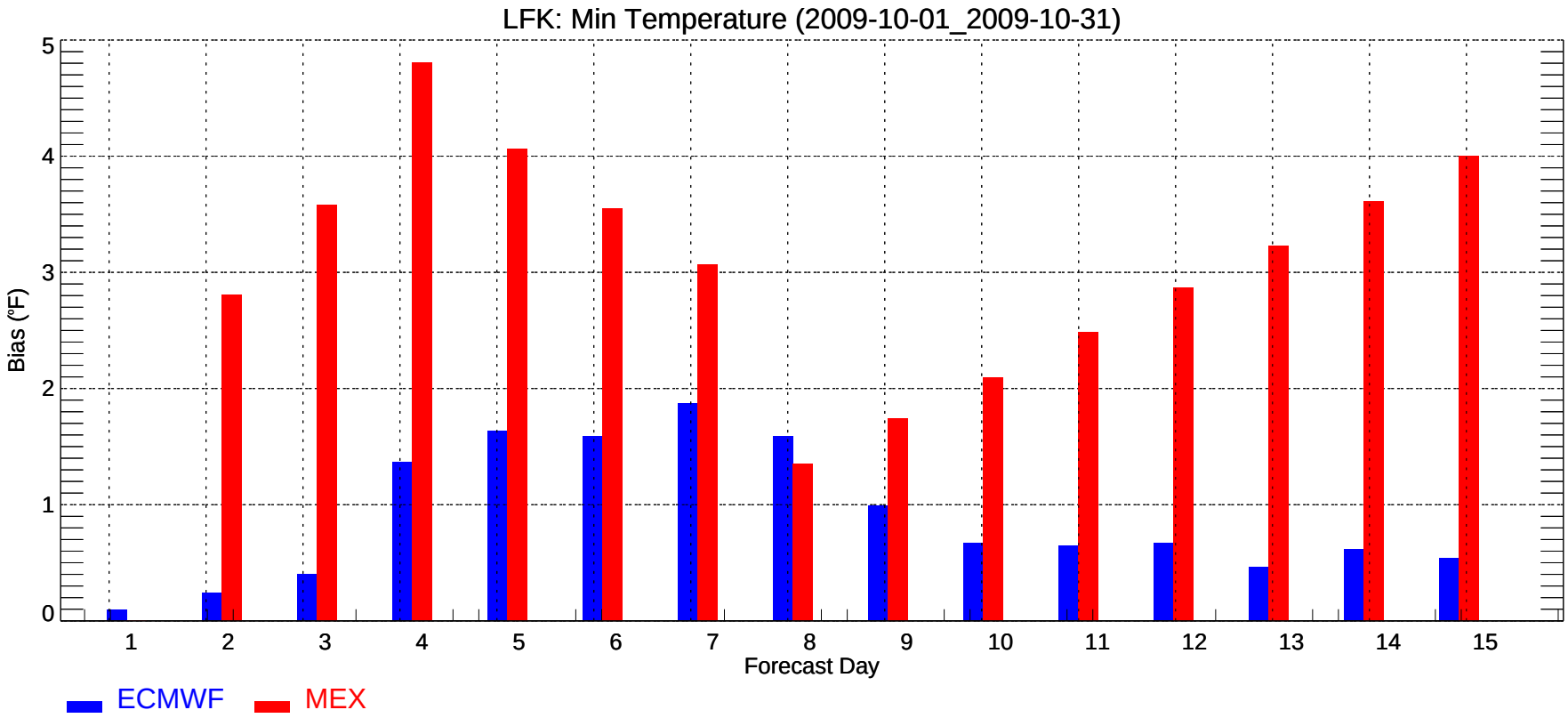
Forecast Day
ECMWF
MEX


LFK: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
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5
1
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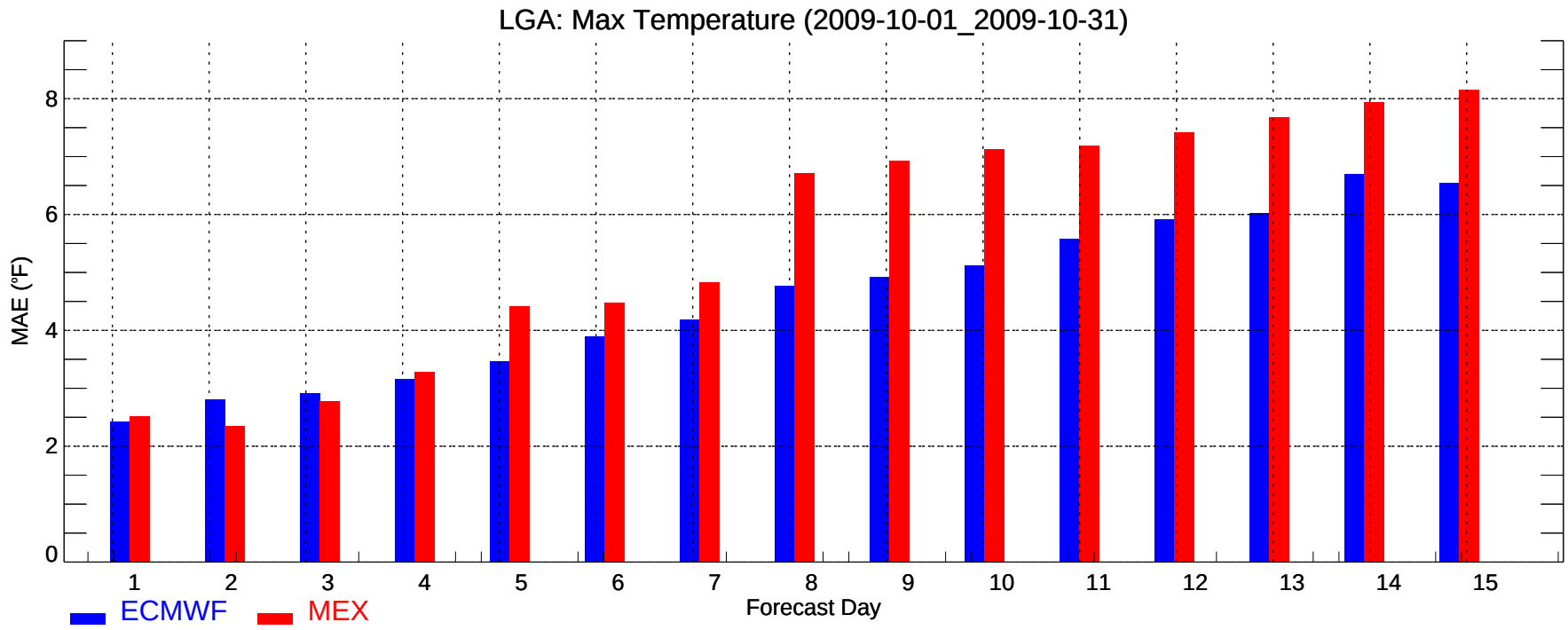
14
15
Forecast Day
ECMWF
MEX


LGA: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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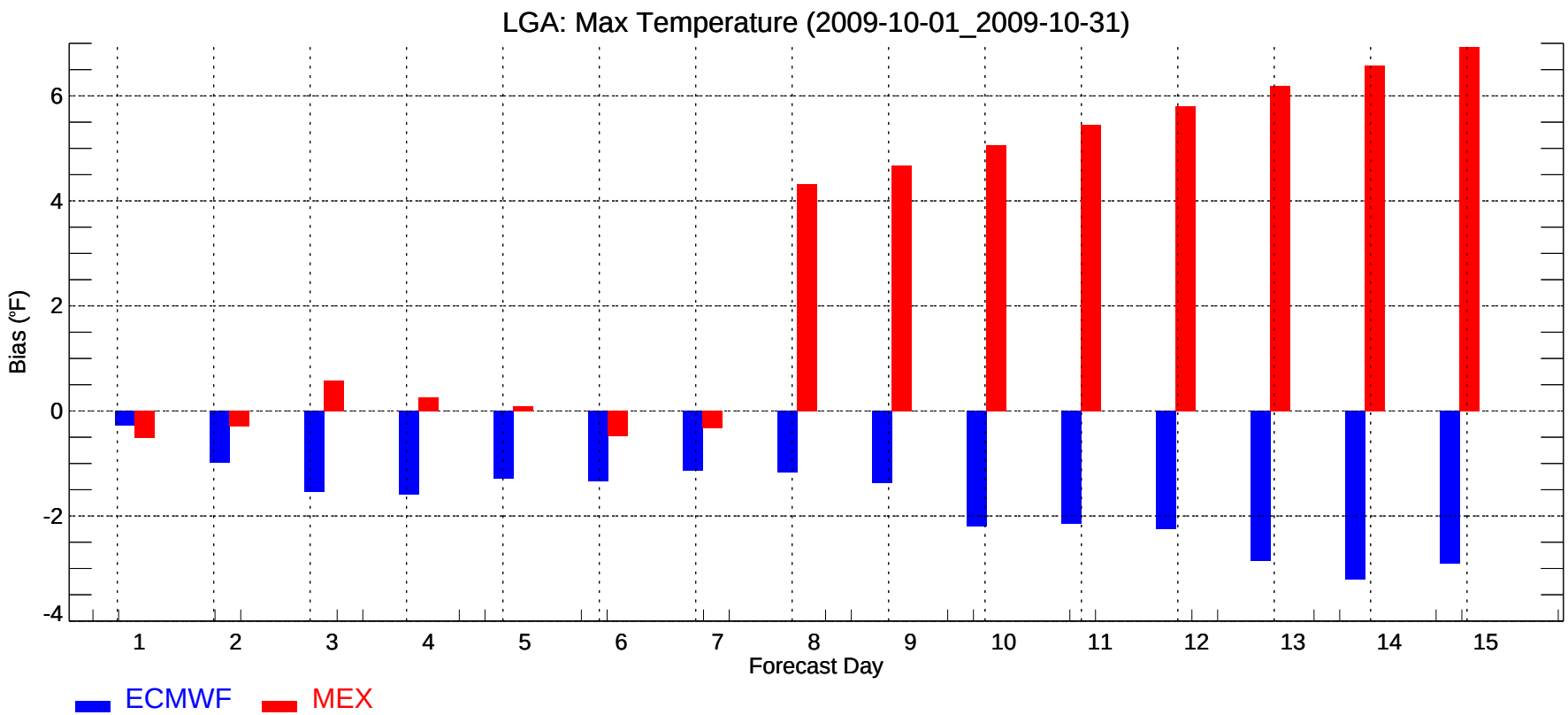
14
15
Forecast Day
ECMWF
MEX


LGA: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-4
-2
0
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6
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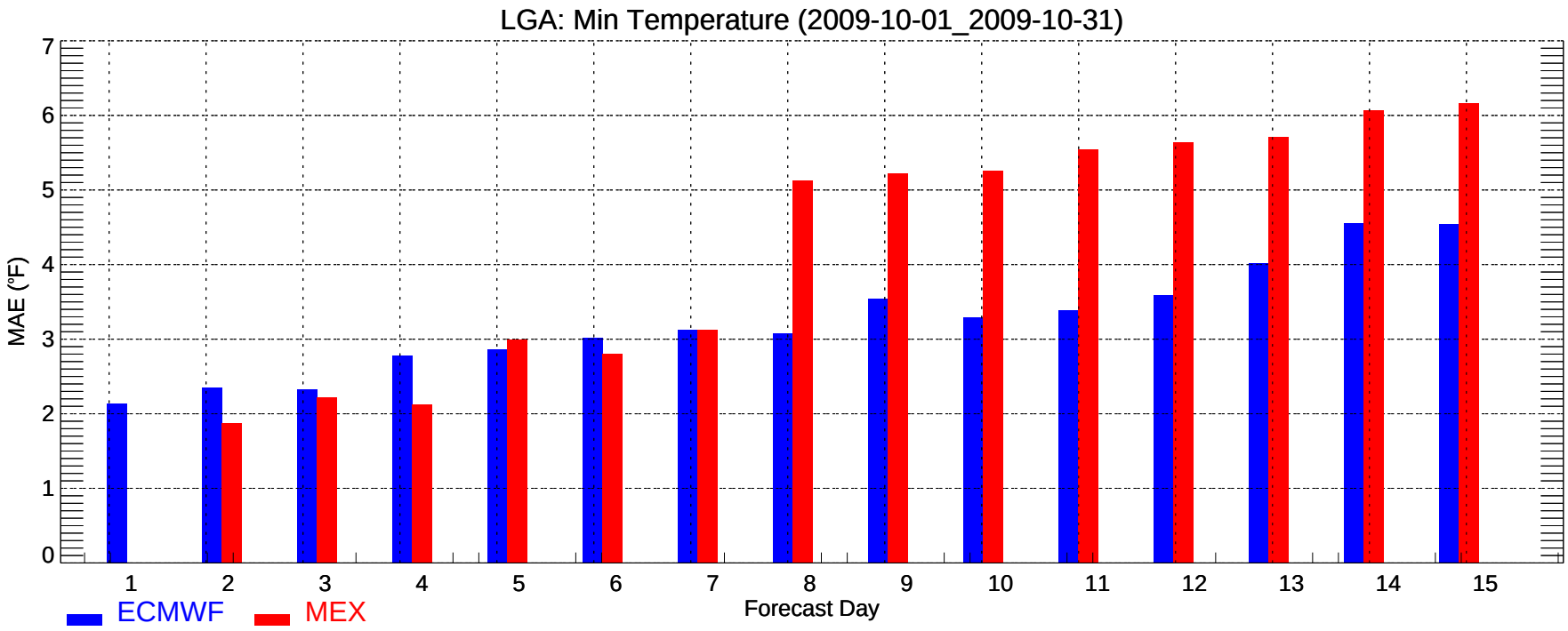
Forecast Day
ECMWF
MEX


LGA: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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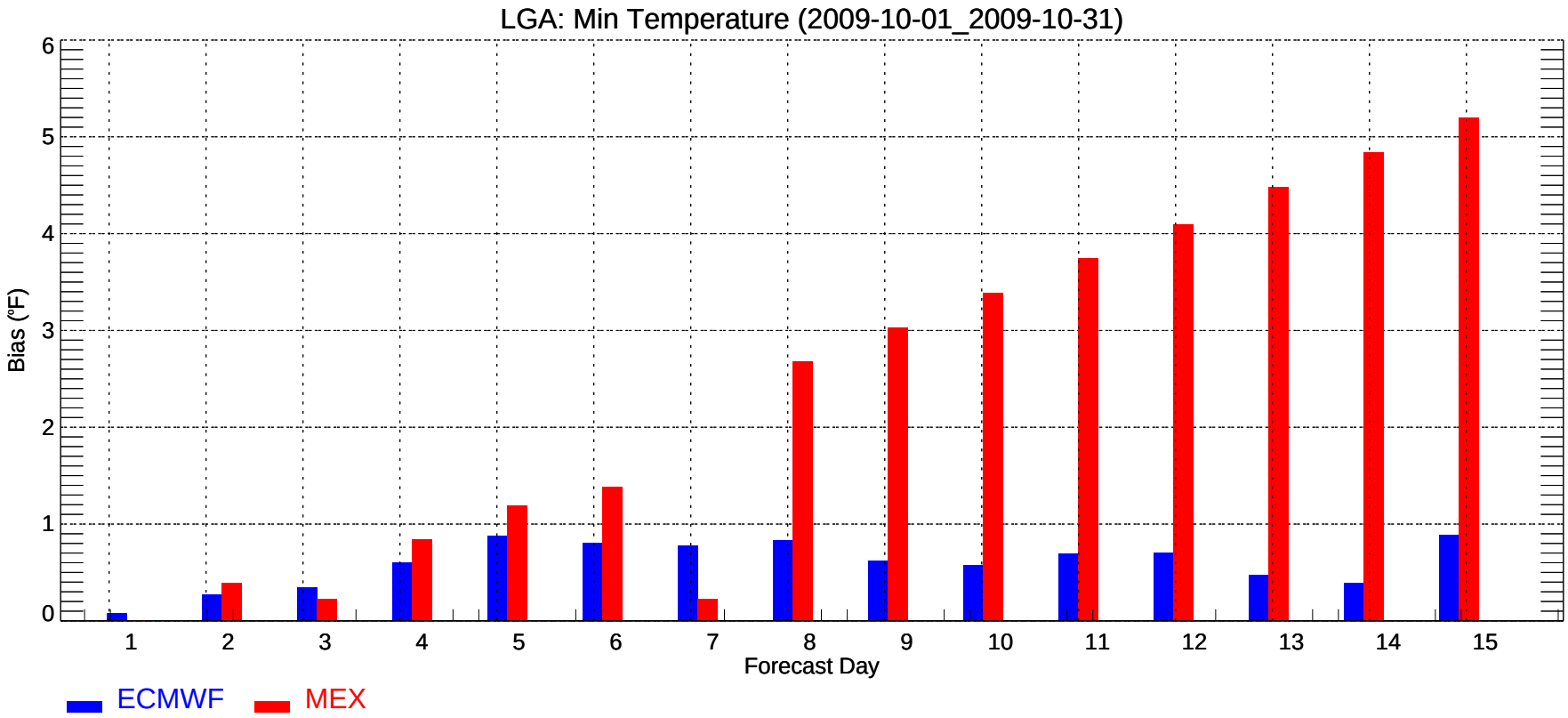
Forecast Day
ECMWF
MEX


LGA: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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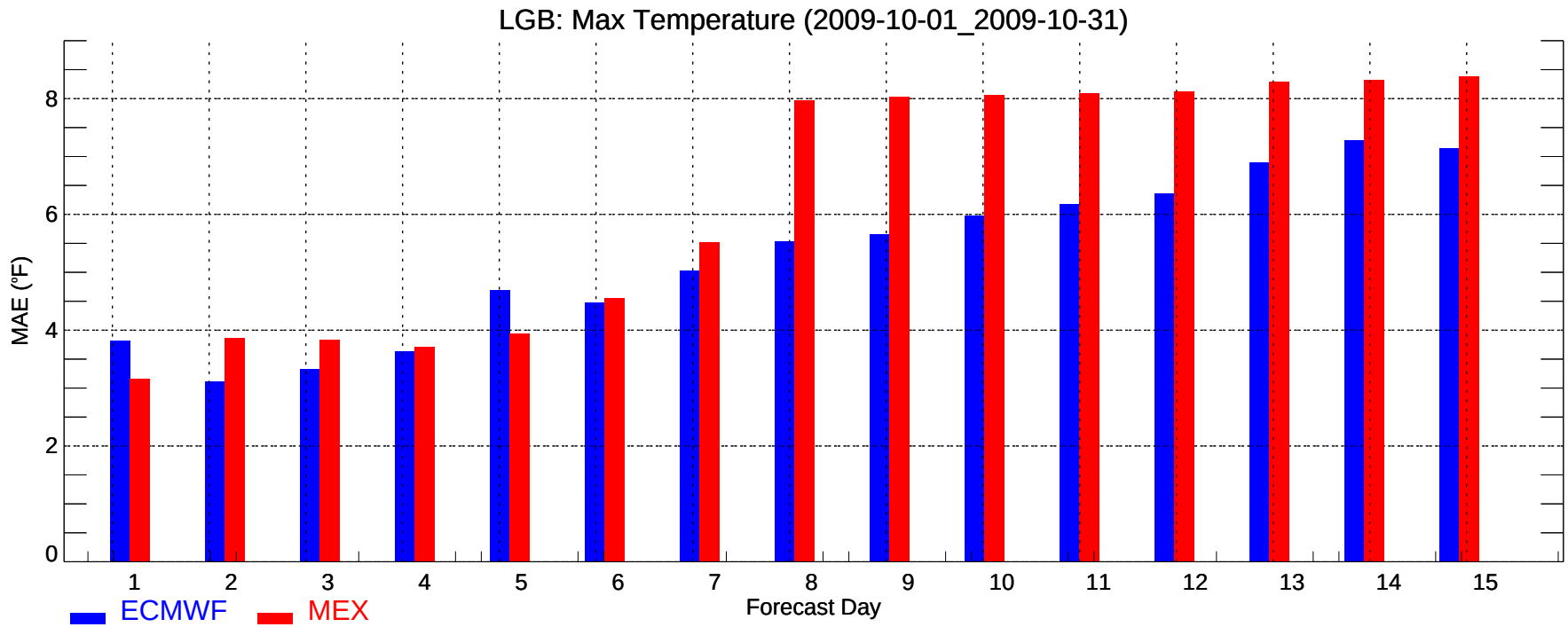
Forecast Day
ECMWF
MEX


LGB: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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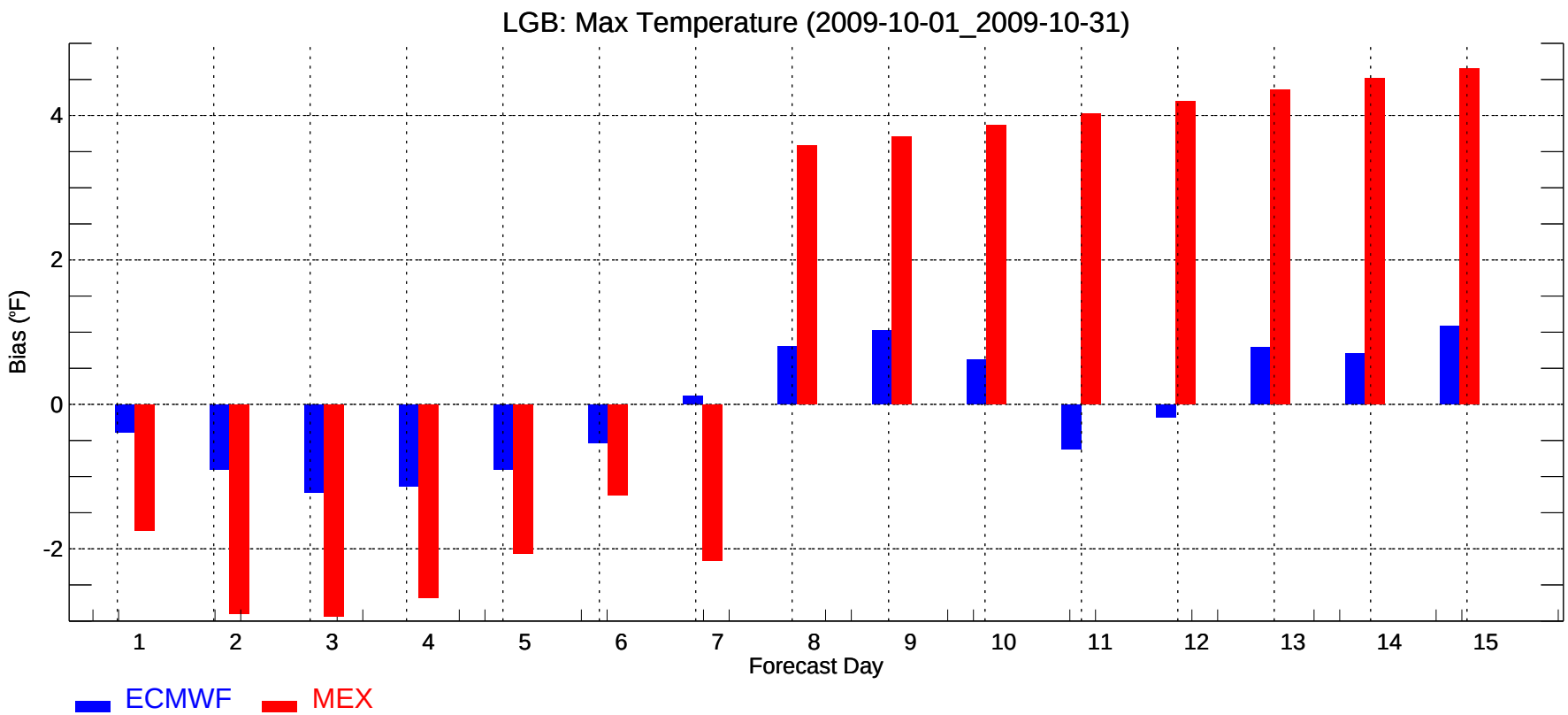
Forecast Day
ECMWF
MEX


LGB: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
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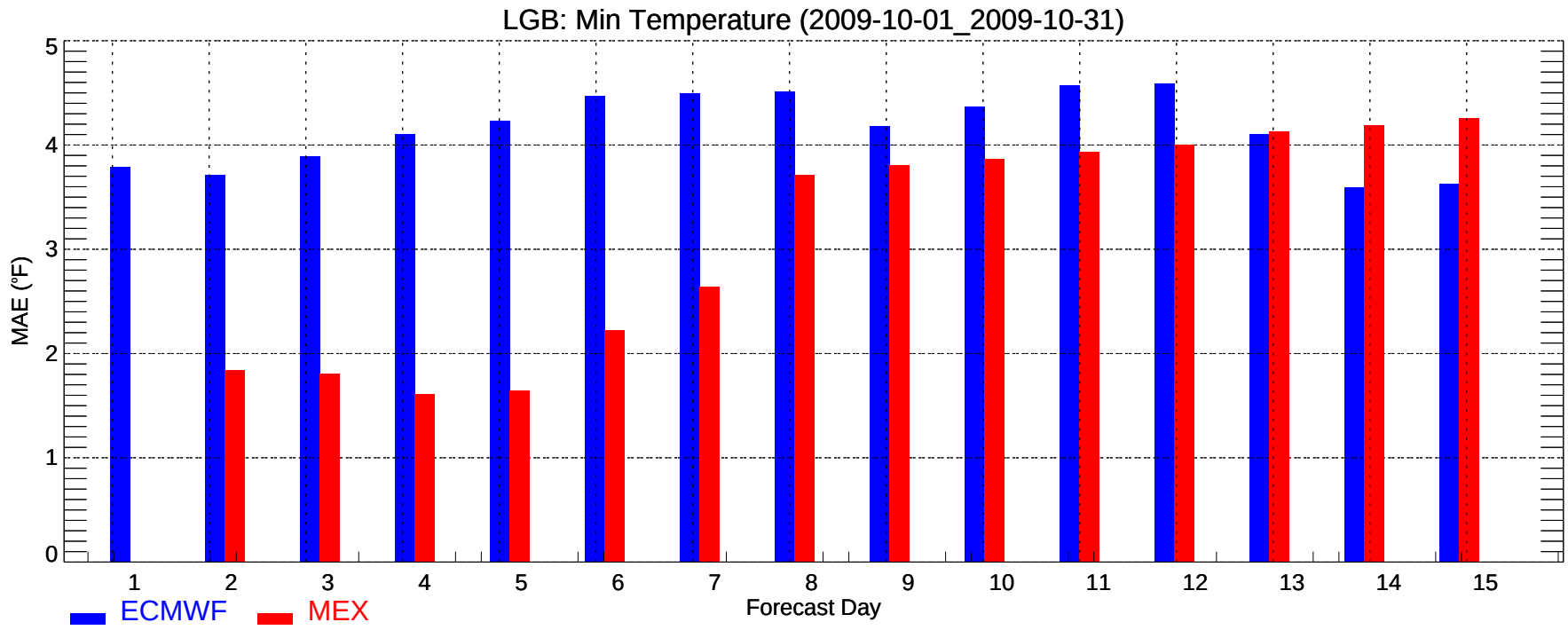
Forecast Day
ECMWF
MEX


LGB: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
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4
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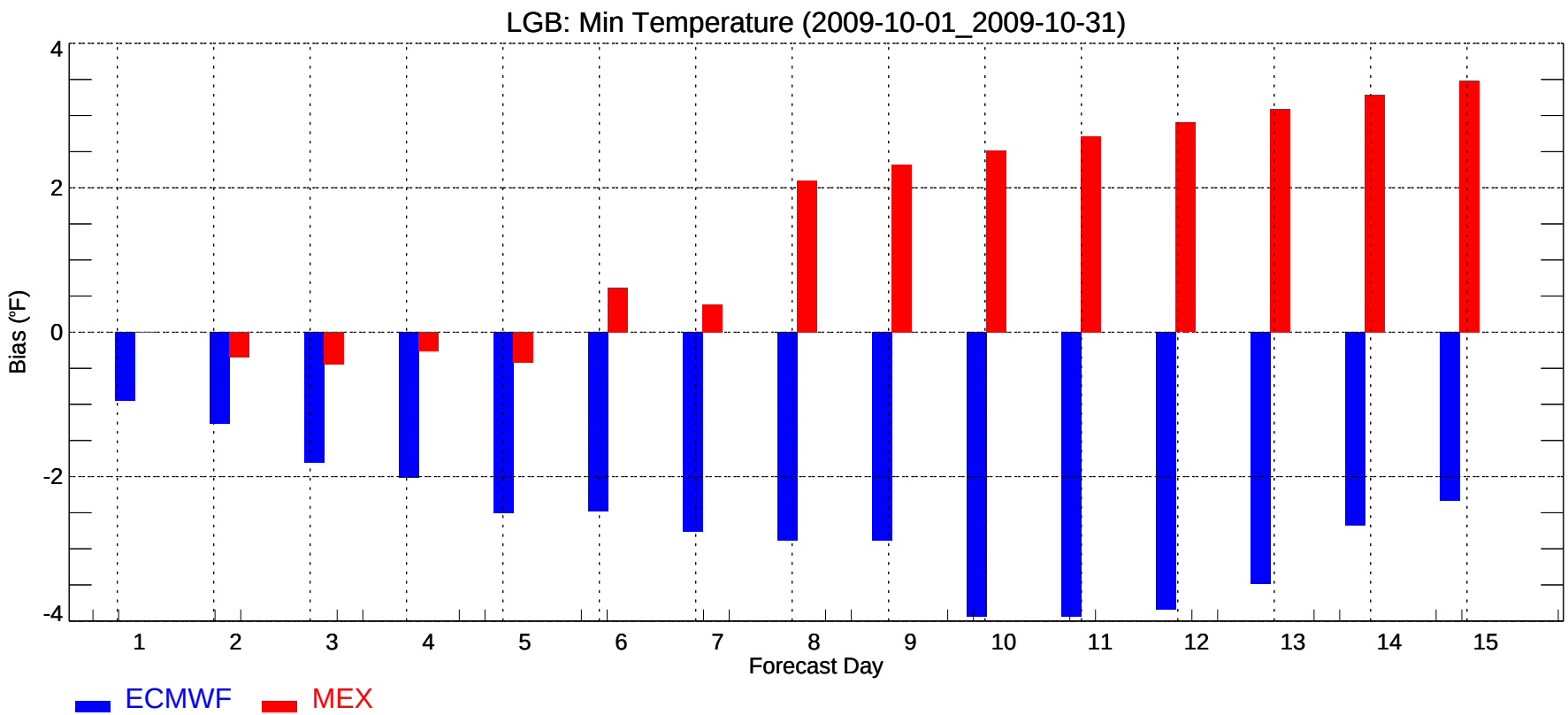
Forecast Day
ECMWF
MEX


LGB: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
4
2
0
-2
-4
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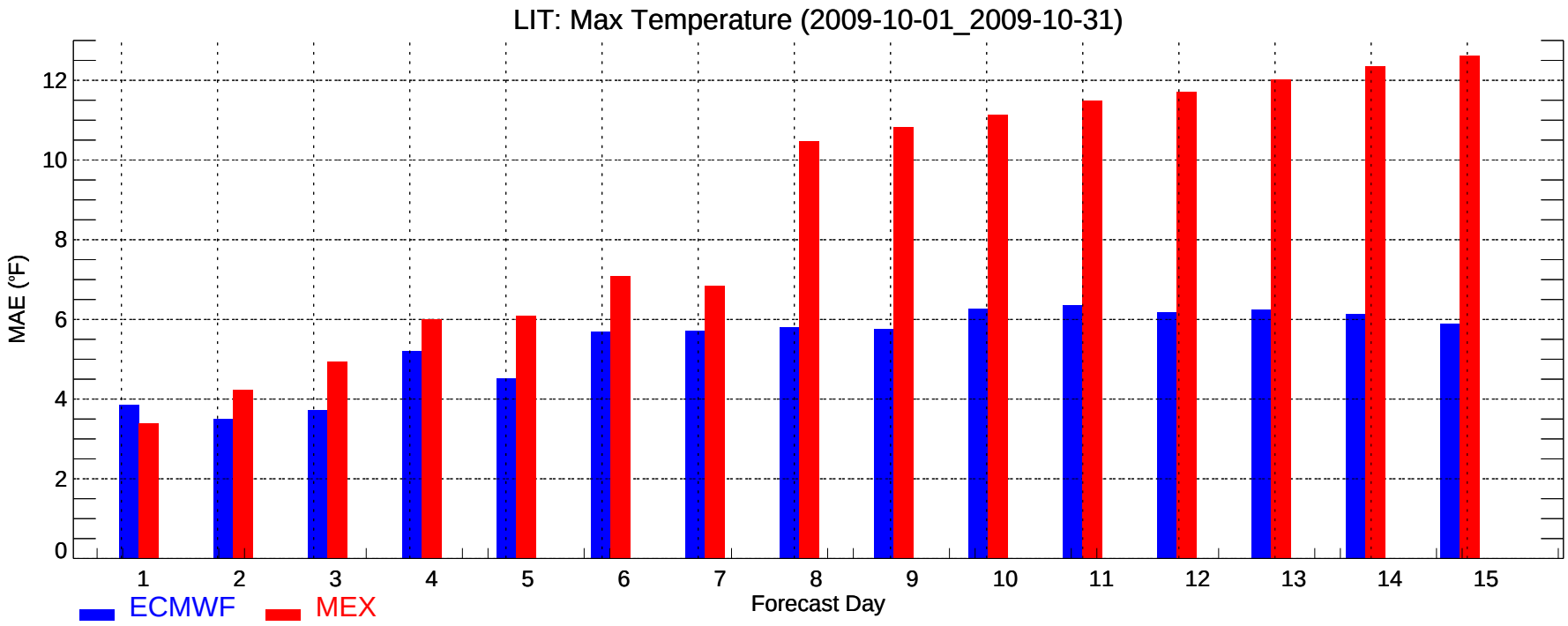
Forecast Day
ECMWF
MEX


LIT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
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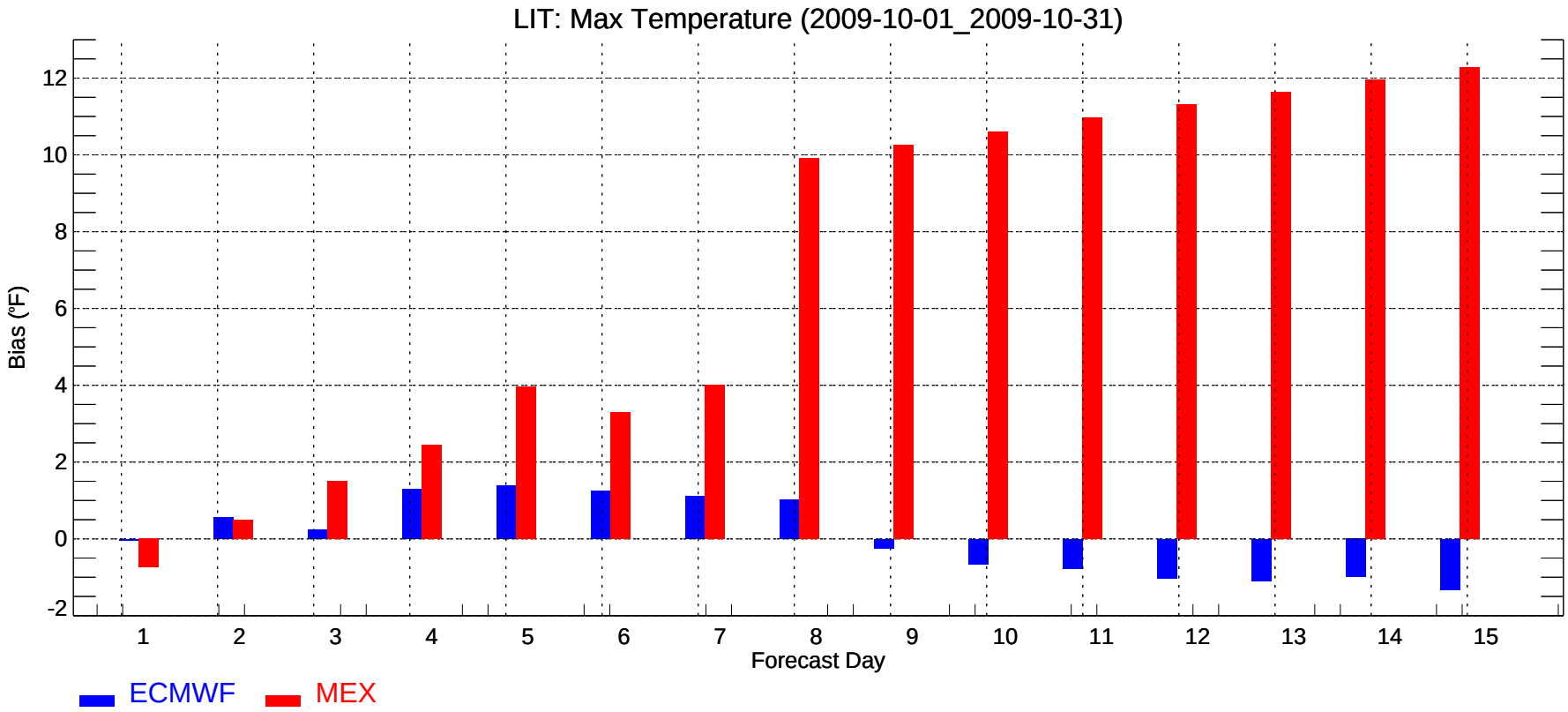
Forecast Day
ECMWF
MEX


LIT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
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8
10
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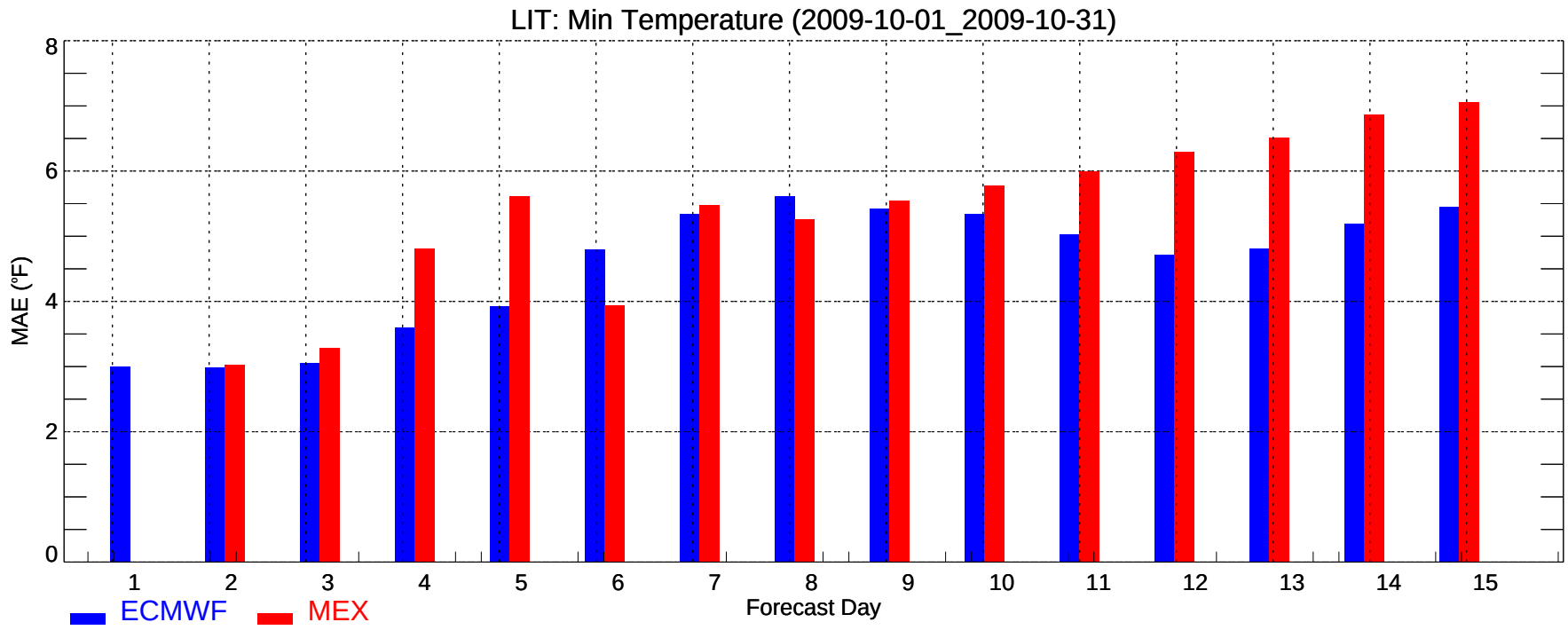
Forecast Day
ECMWF
MEX


LIT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
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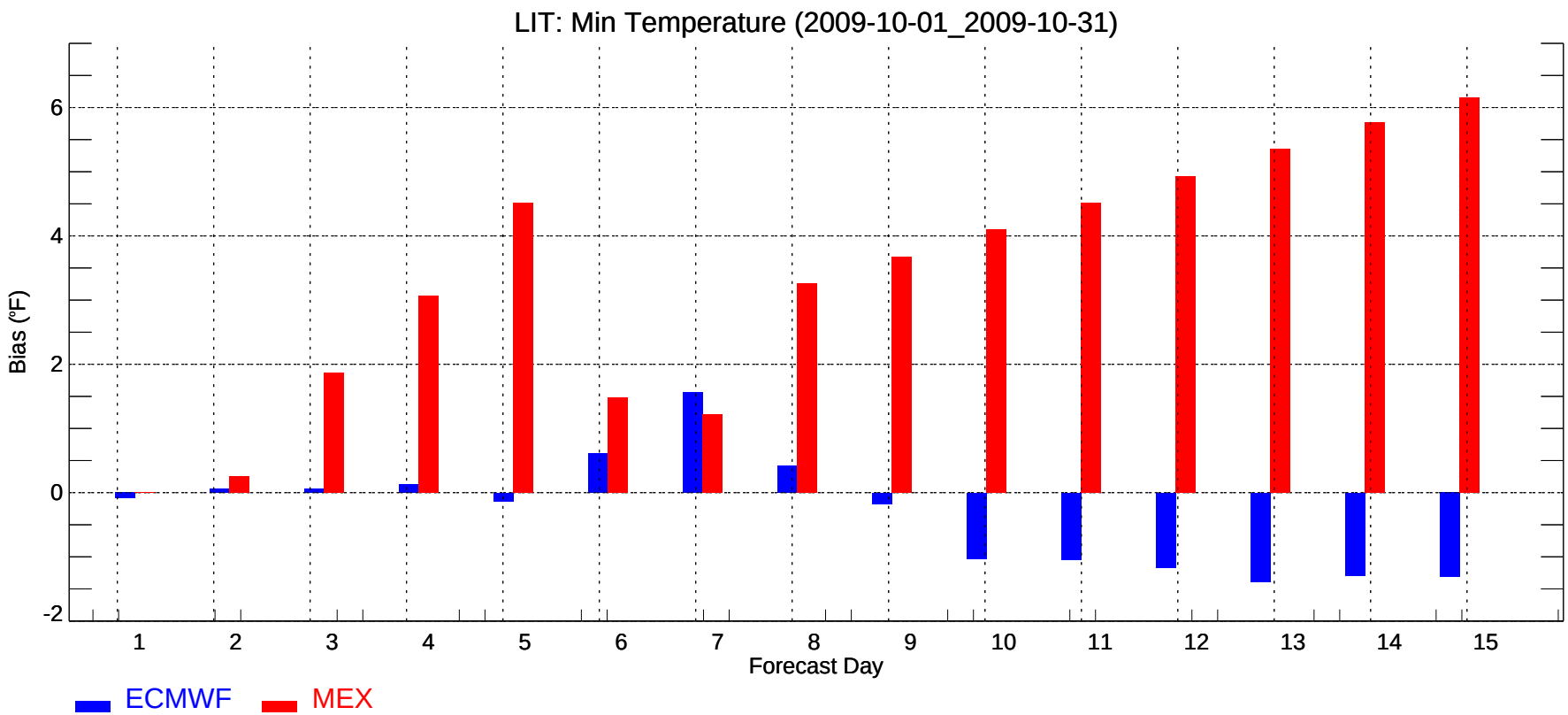
Forecast Day
ECMWF
MEX


LIT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
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1
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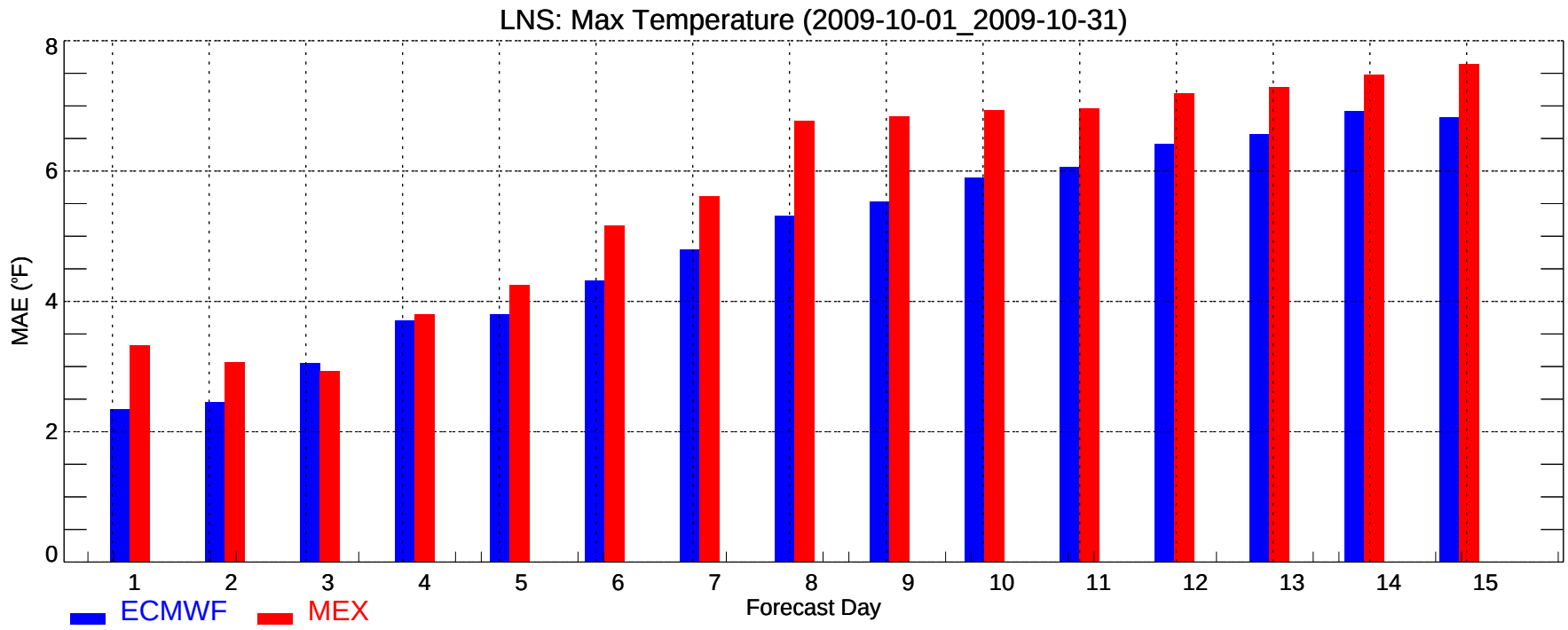
Forecast Day
ECMWF
MEX


LNS: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
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6
7
8
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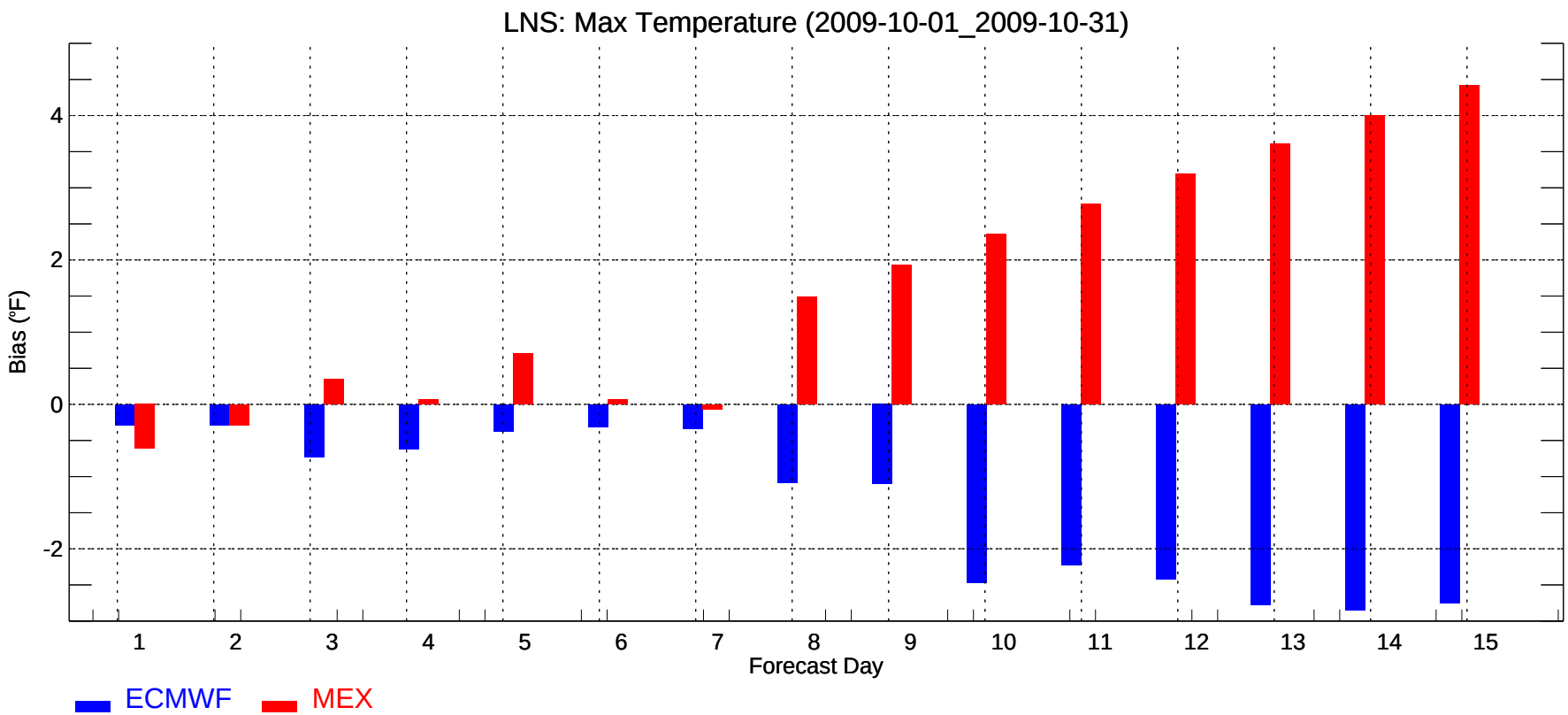
12
13
14
15
Forecast Day
ECMWF
MEX


LNS: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
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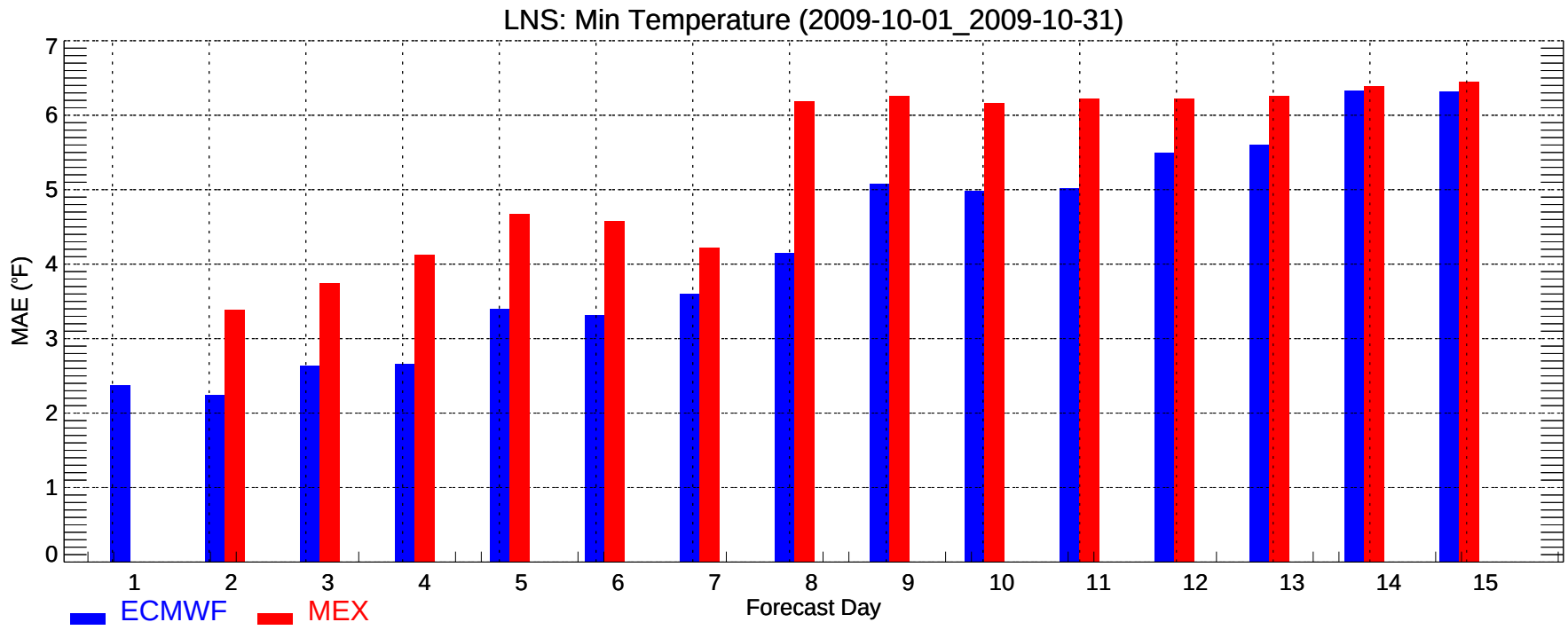
Forecast Day
ECMWF
MEX


LNS: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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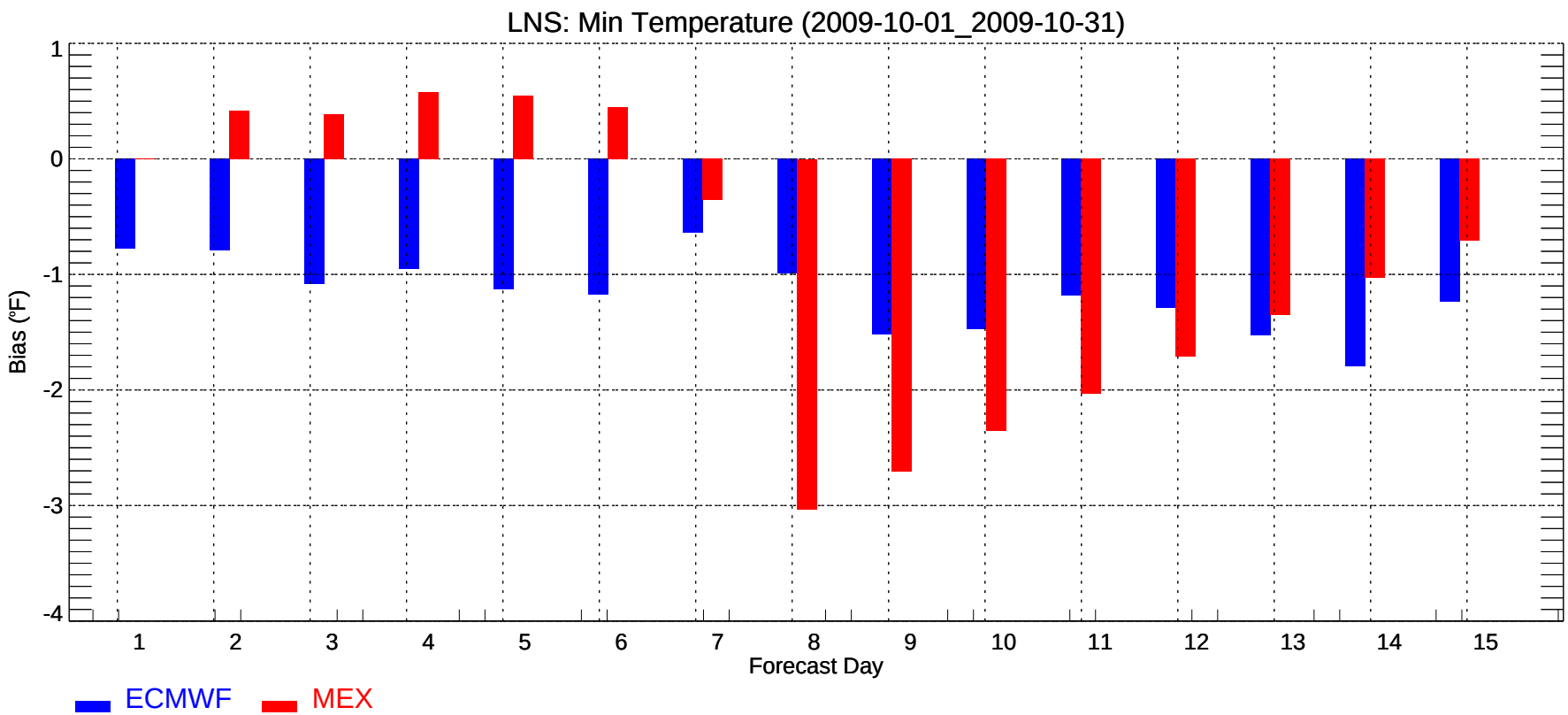
Forecast Day
ECMWF
MEX


LNS: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
1
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-1
-2
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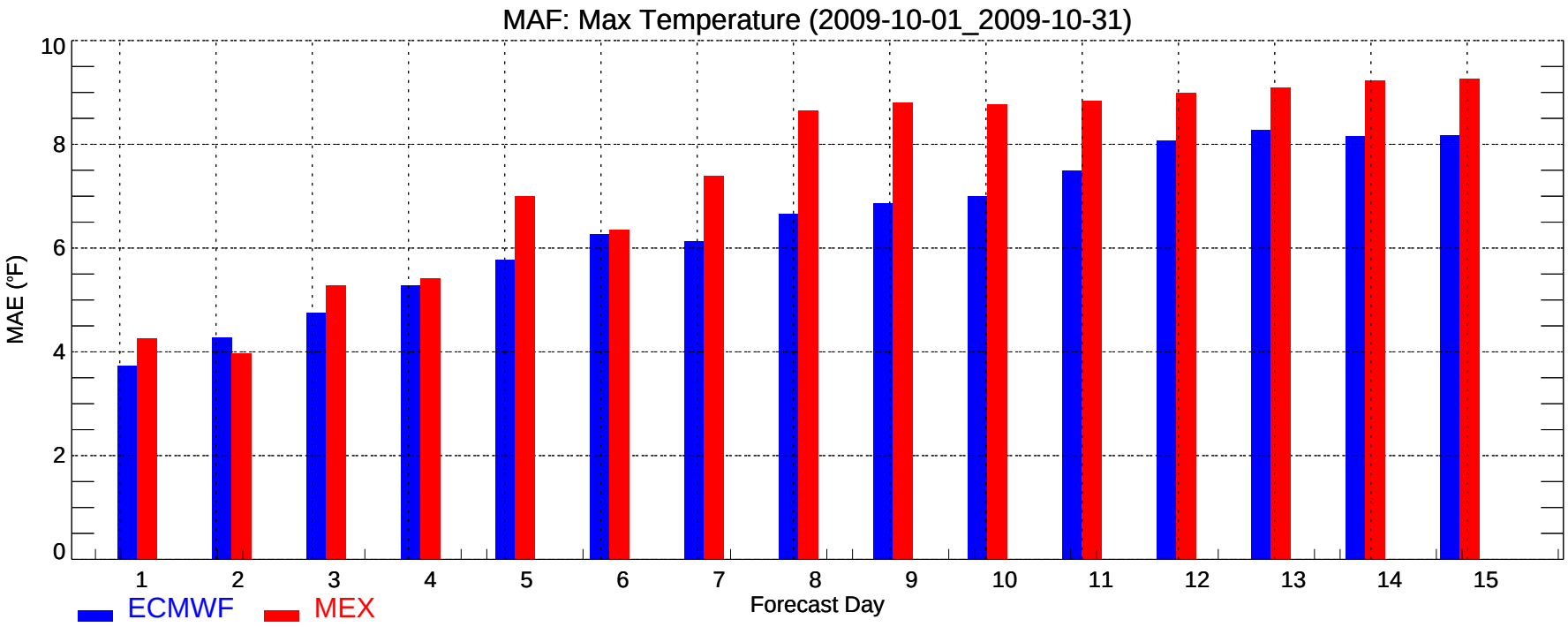
Forecast Day
ECMWF
MEX


MAF: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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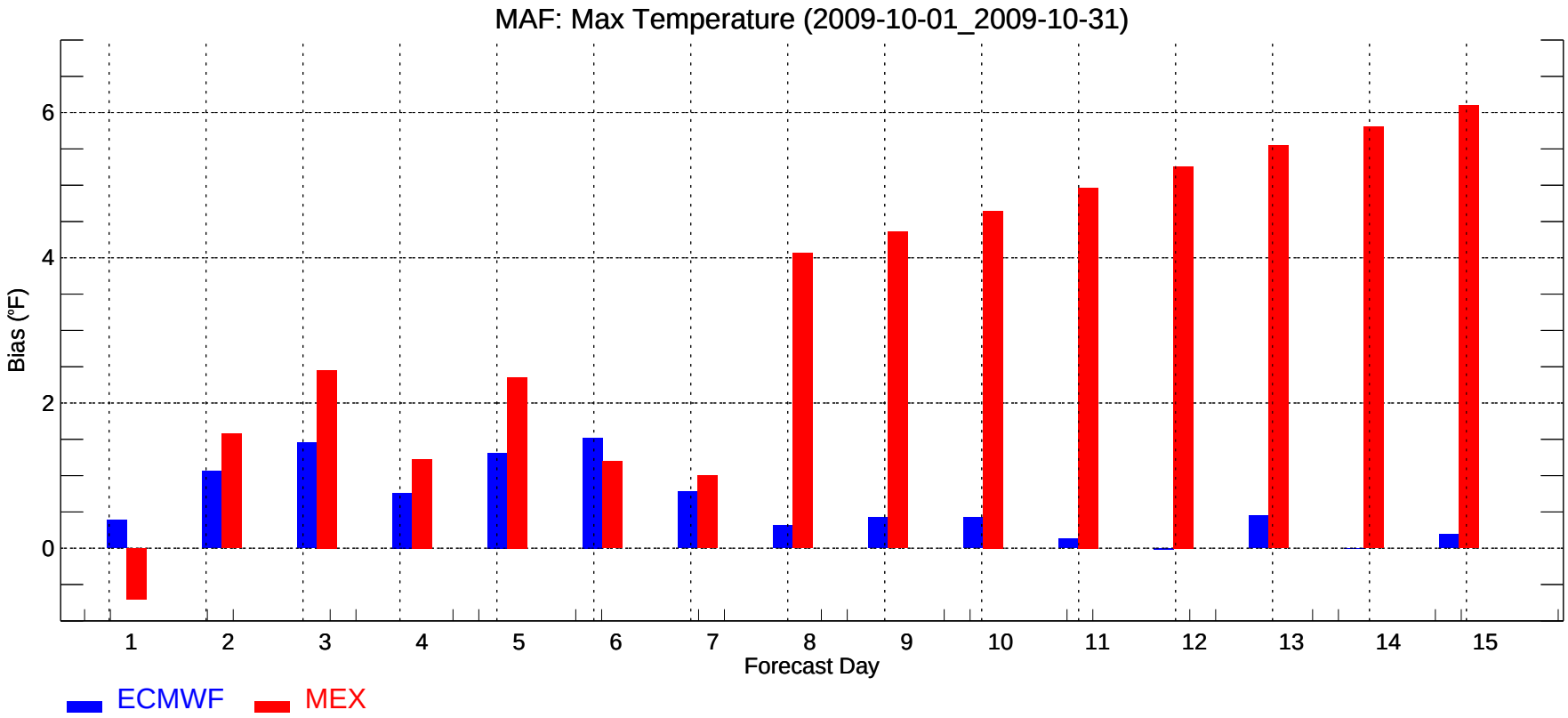
Forecast Day
ECMWF
MEX


MAF: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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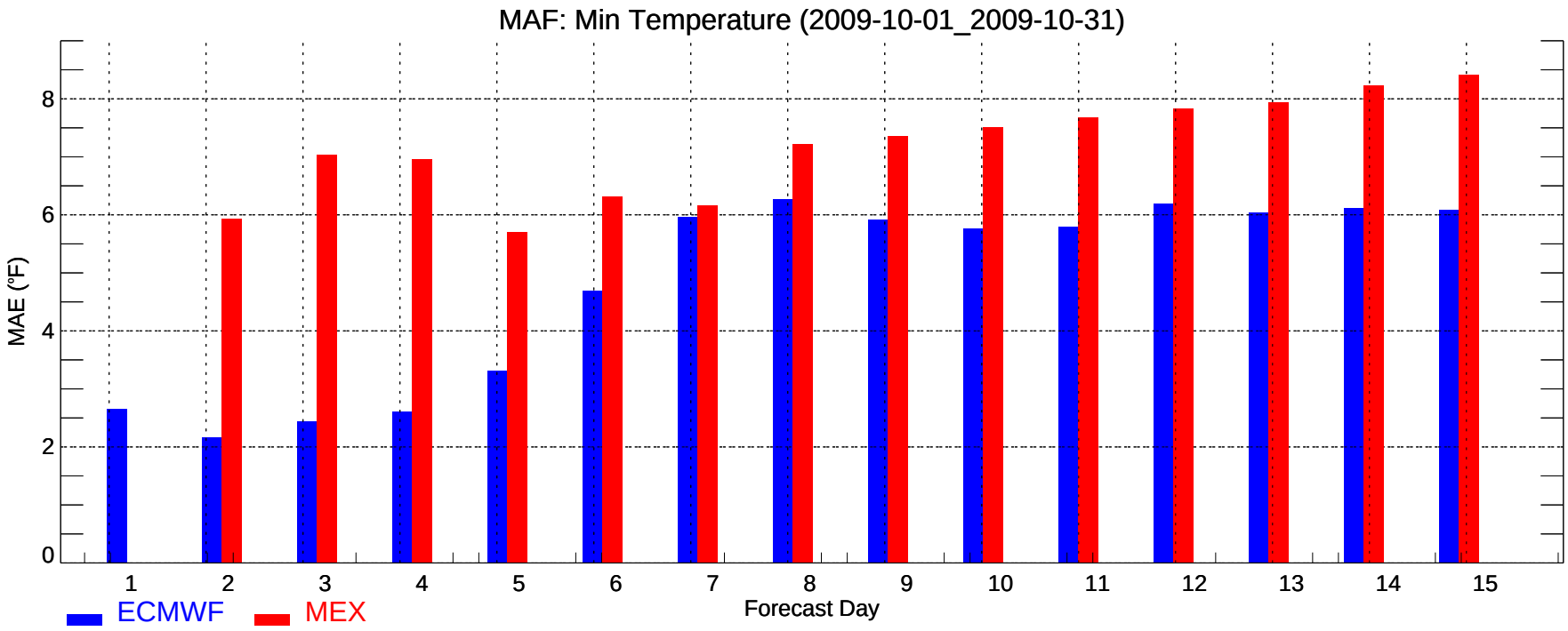
Forecast Day
ECMWF
MEX


MAF: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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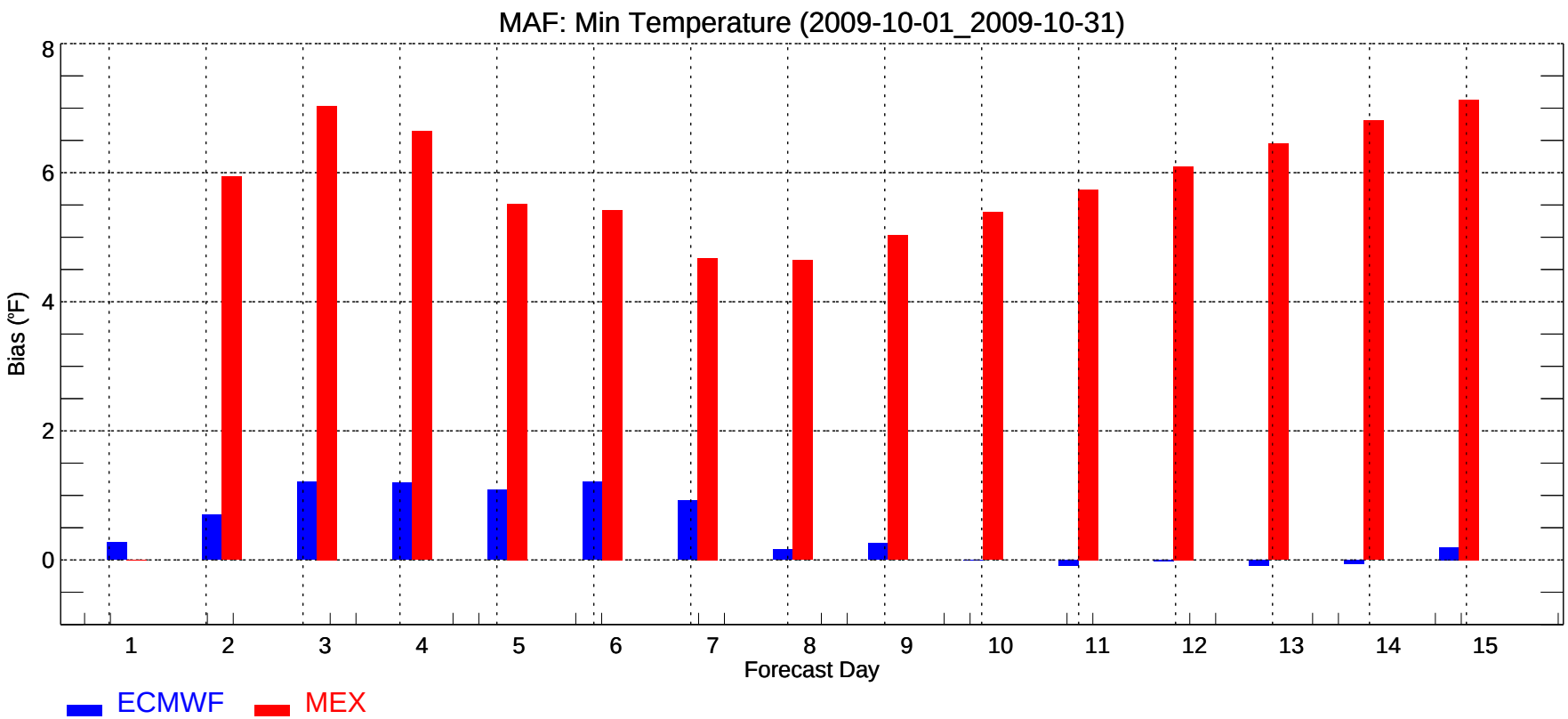
Forecast Day
ECMWF
MEX


MAF: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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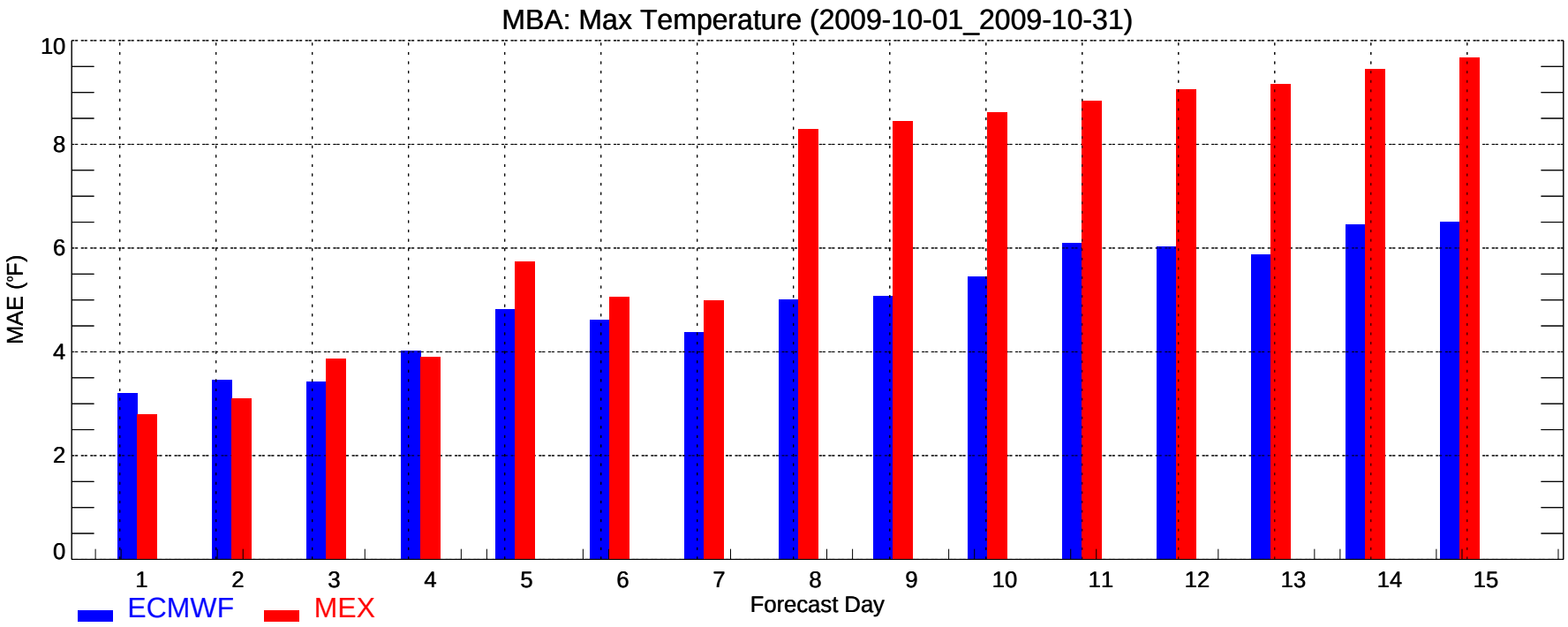
Forecast Day
ECMWF
MEX


MBA: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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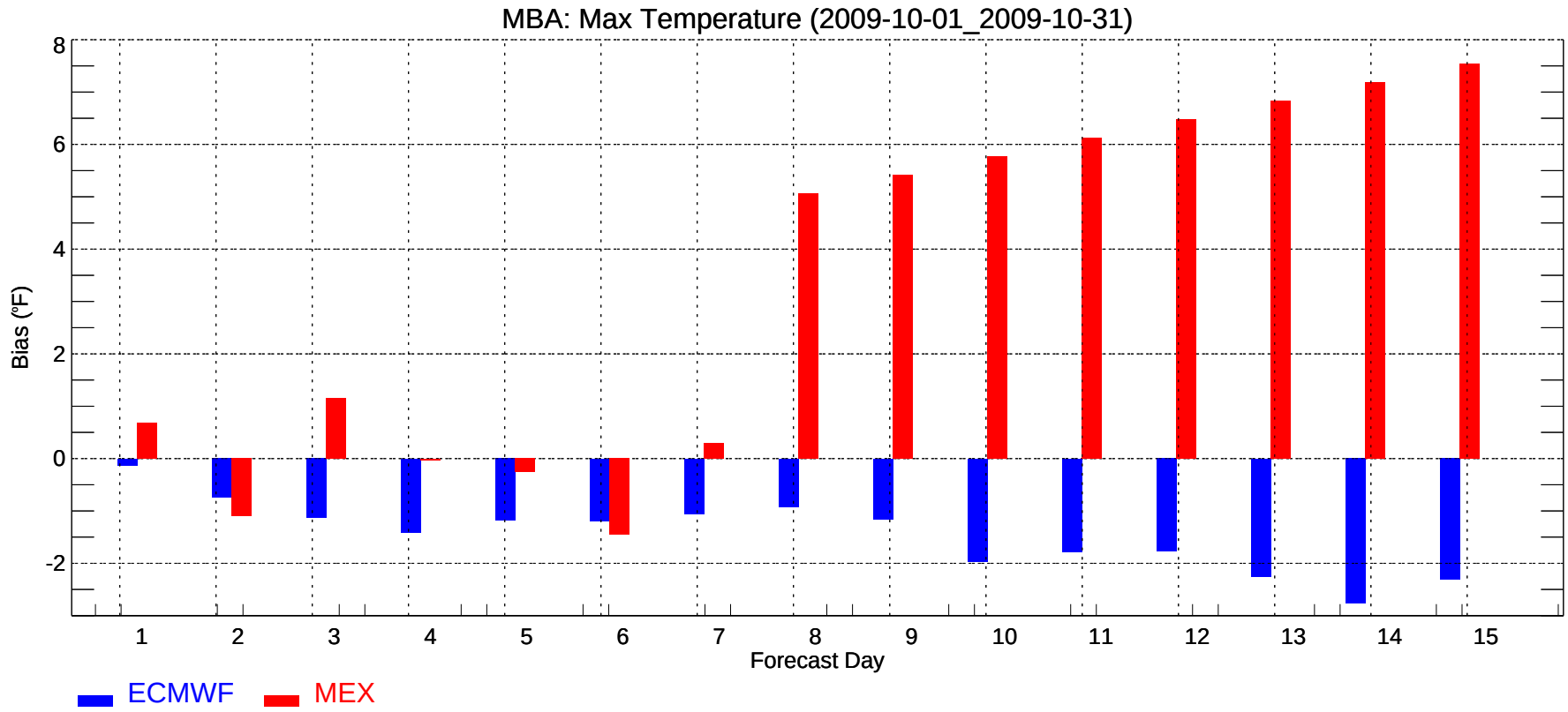
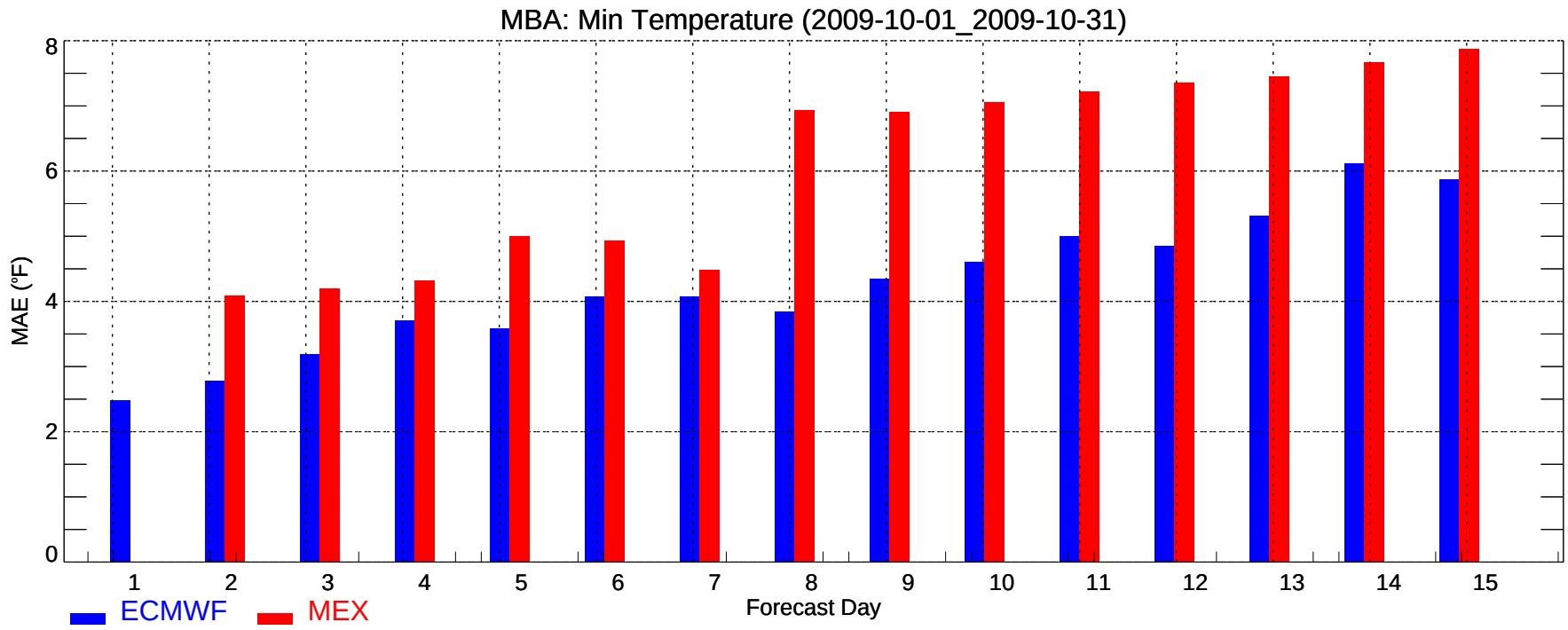
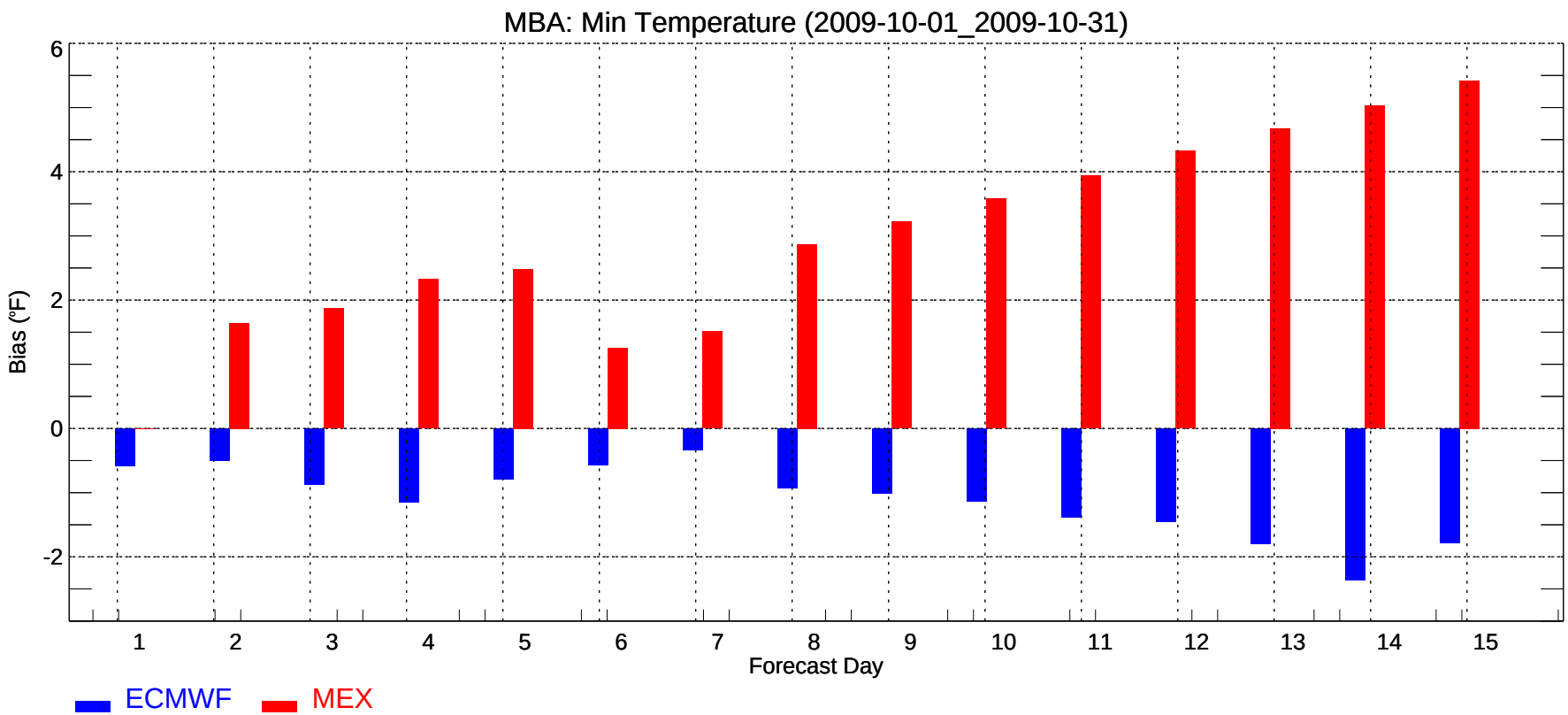
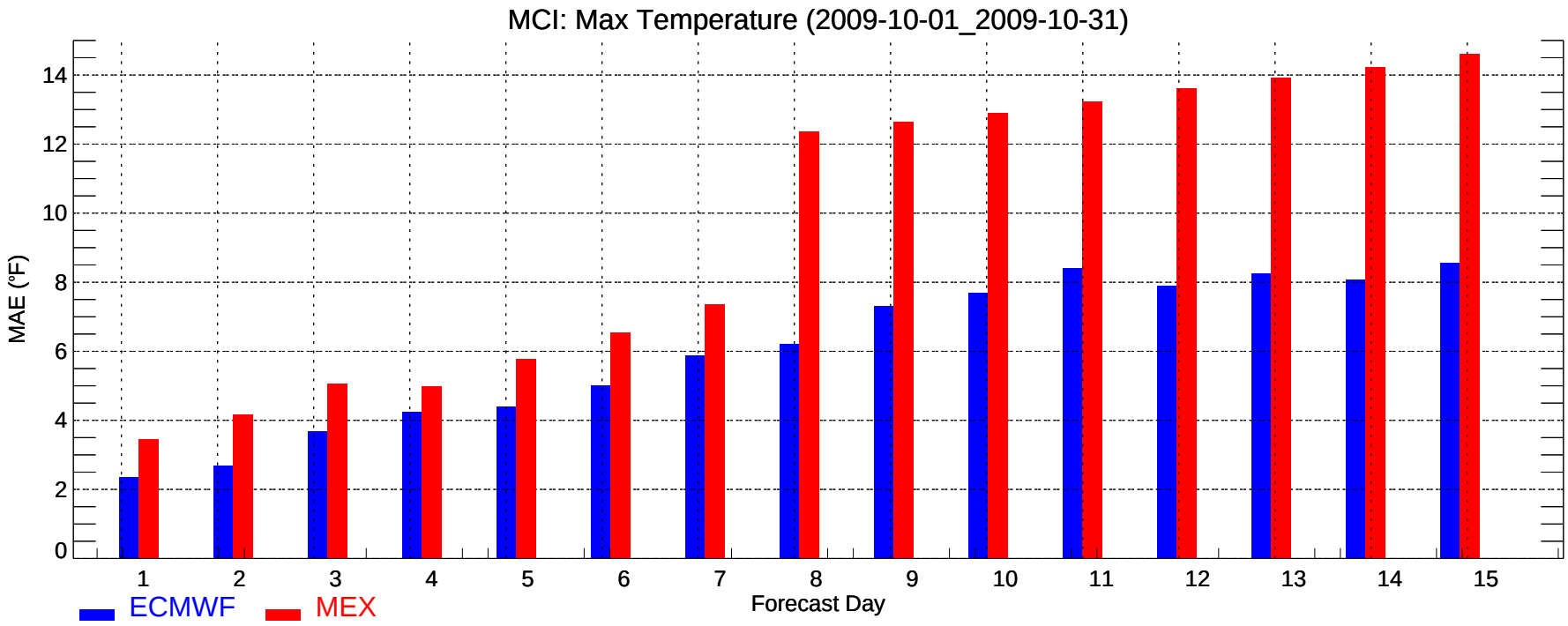
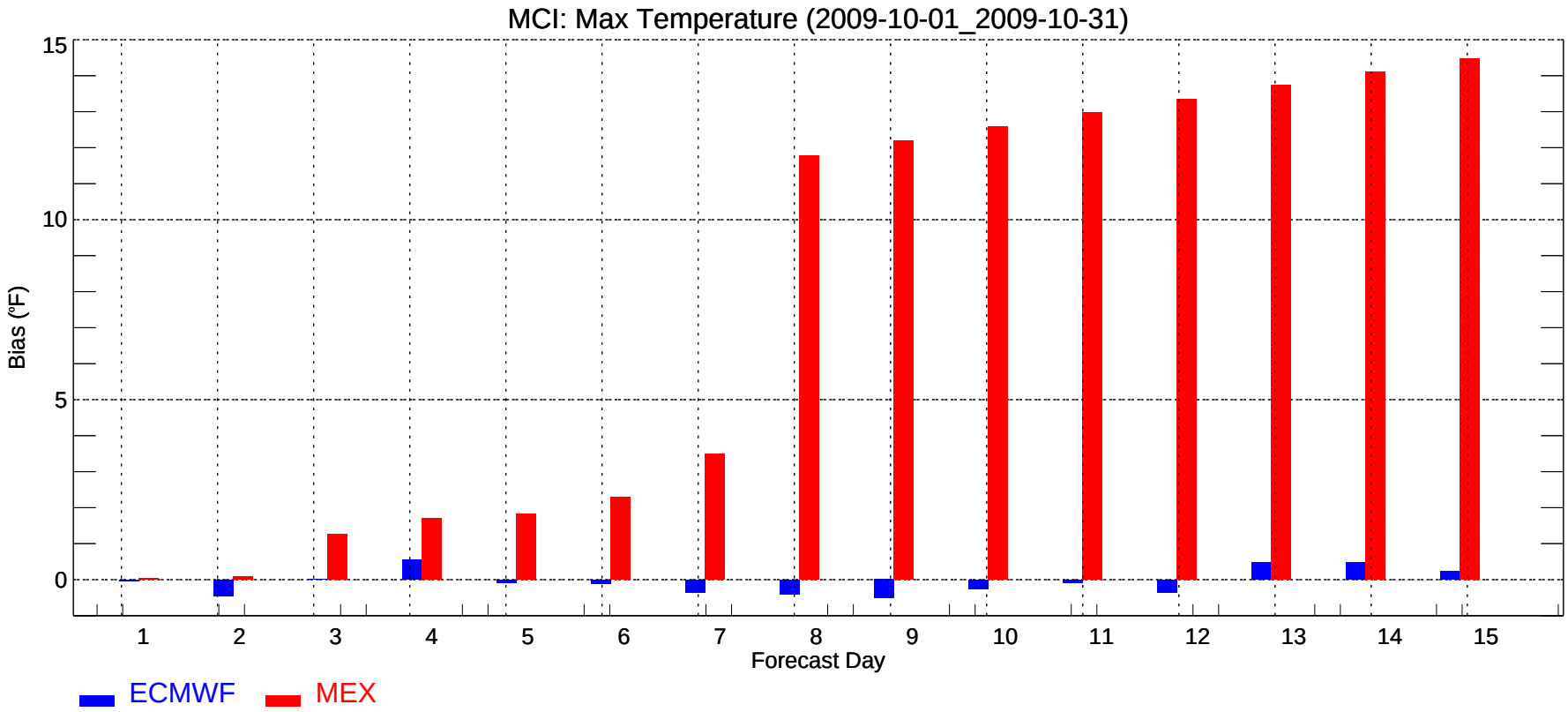
15
Forecast Day
ECMWF
MEX

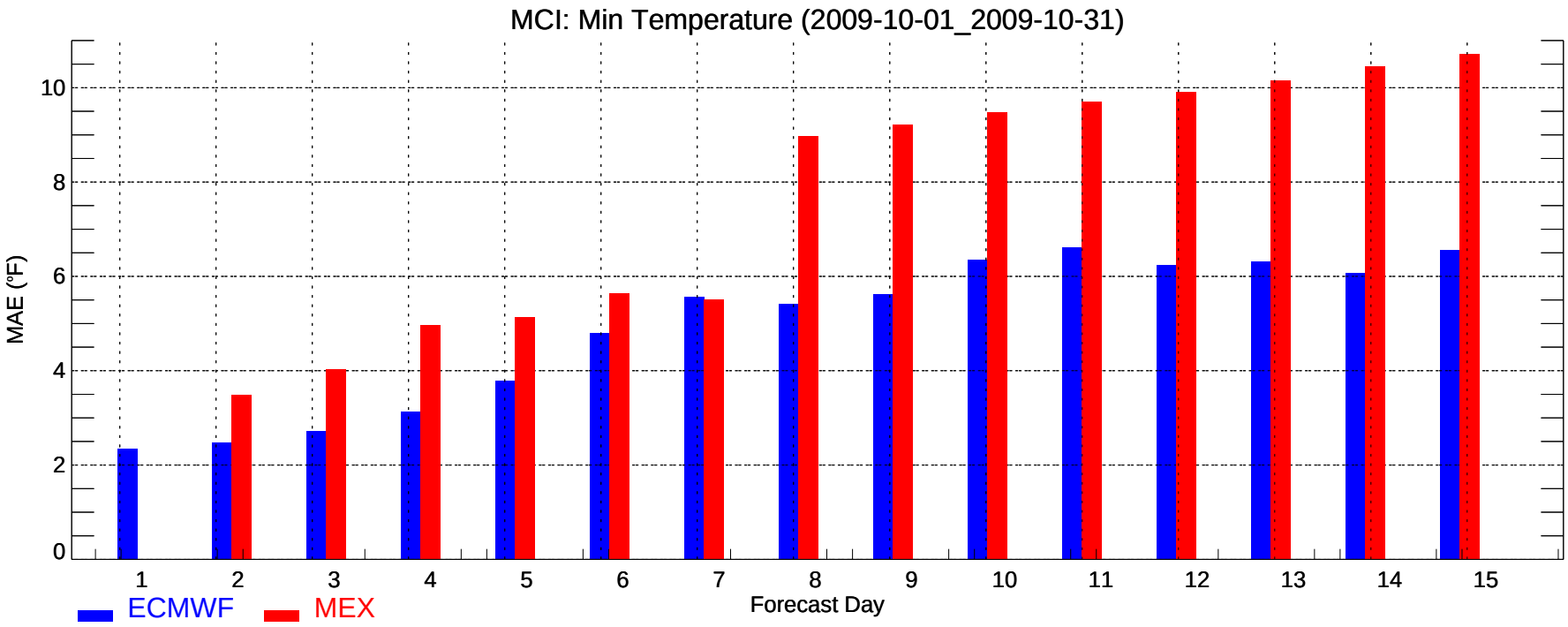

MBA: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

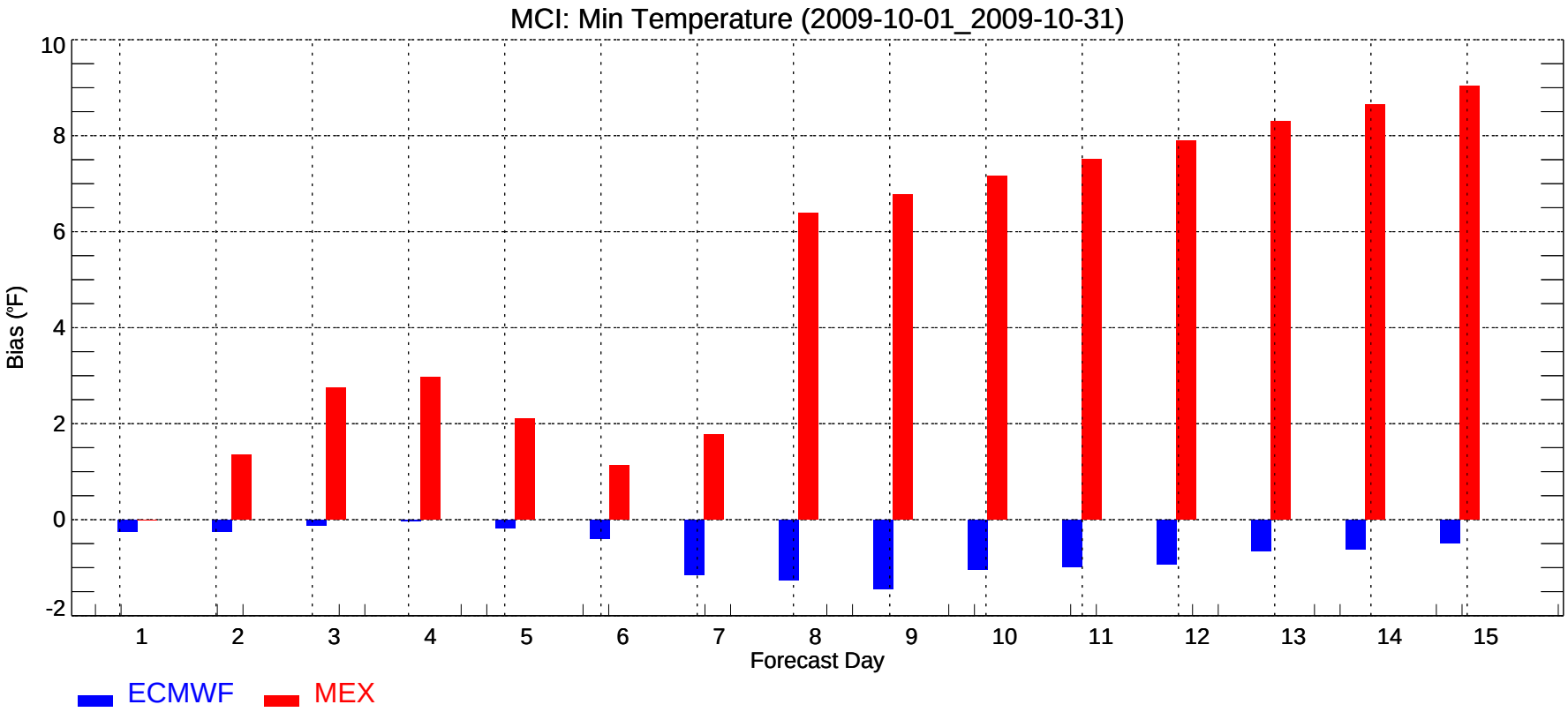

MBA: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

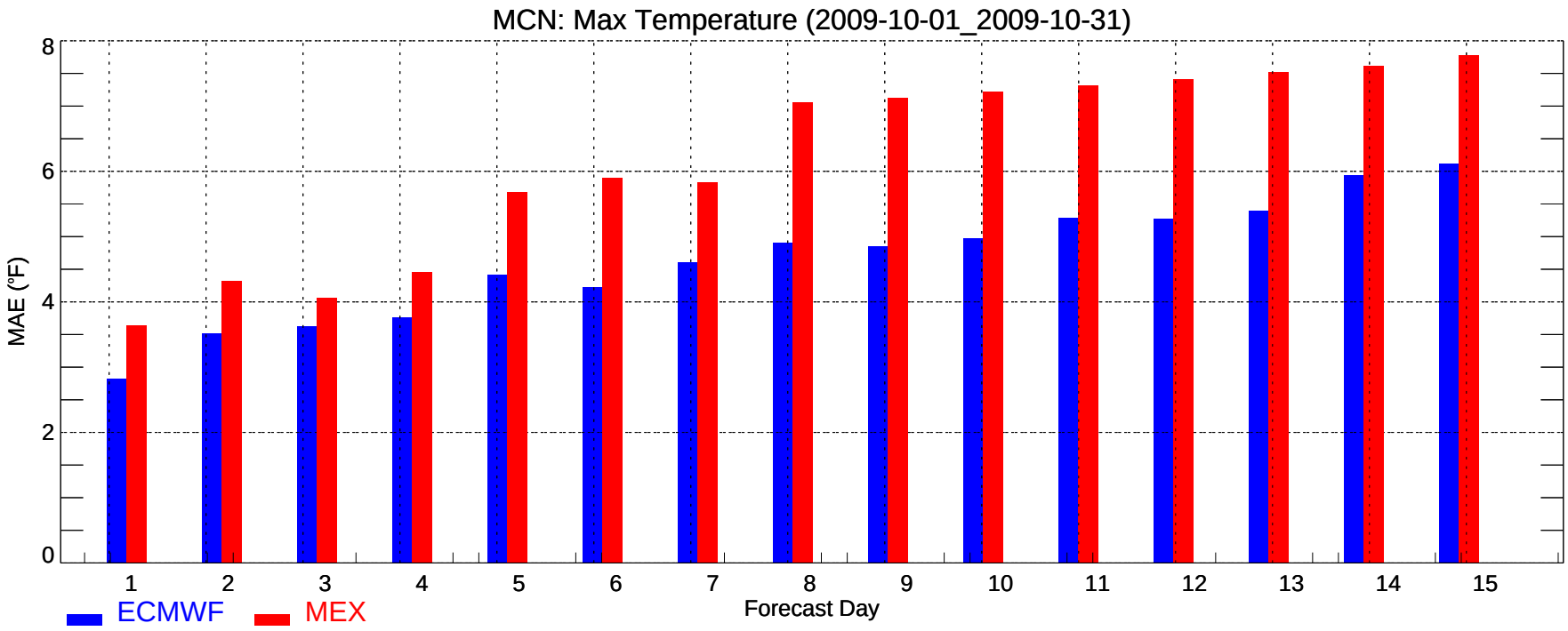

MBA: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

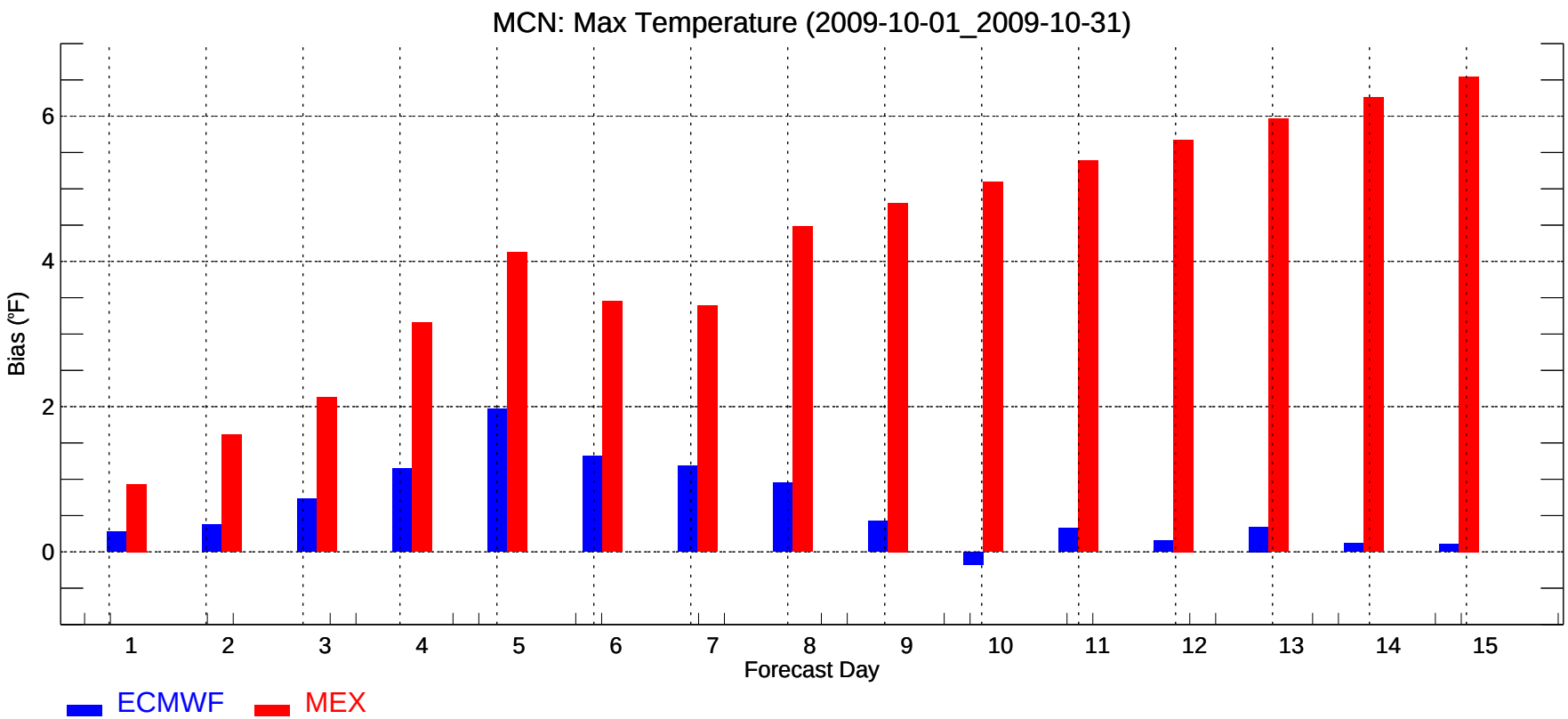

MCI: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

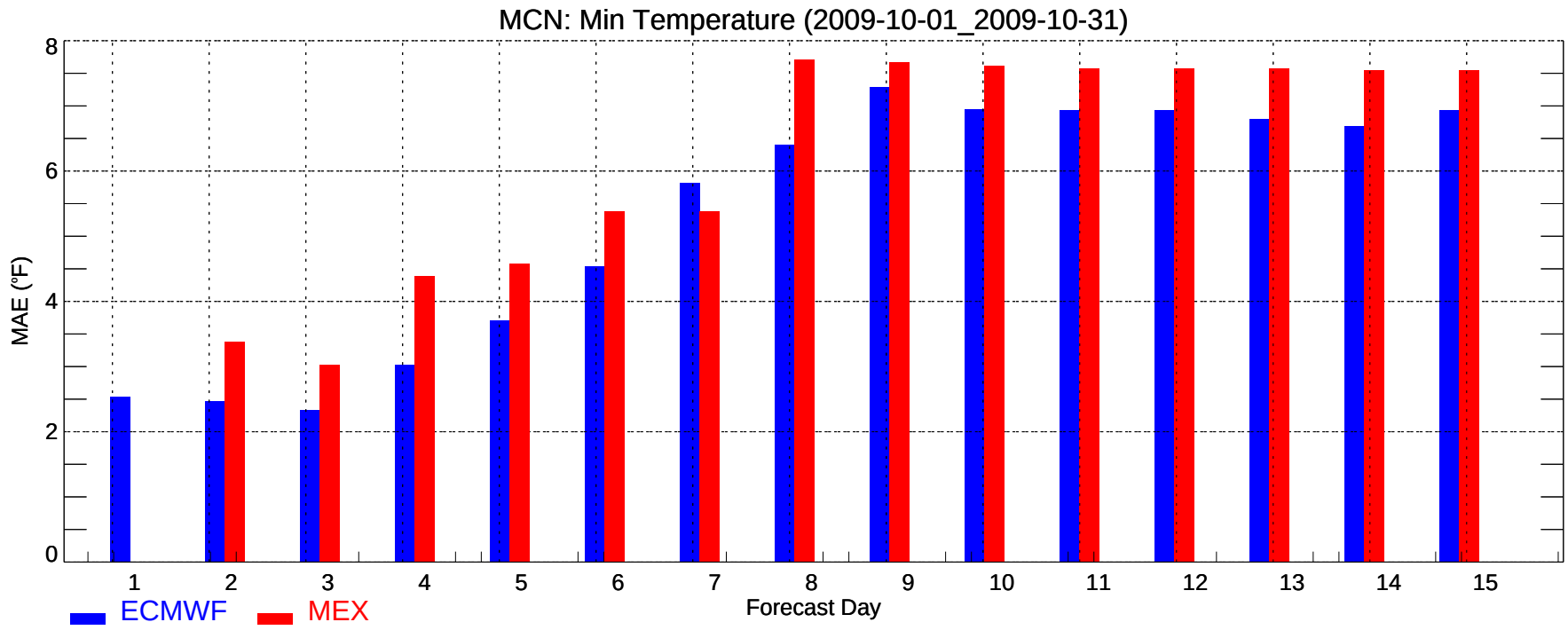

MCI: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

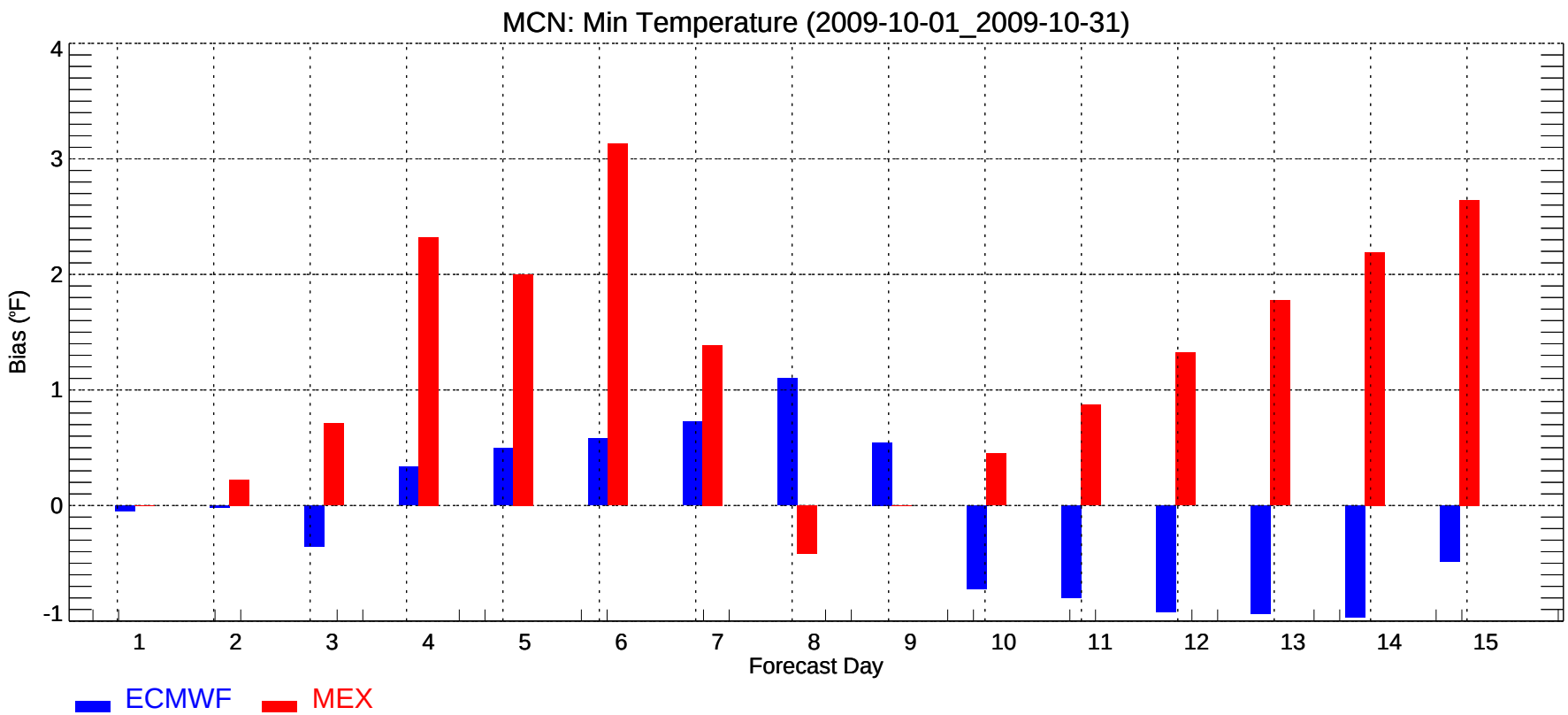

MCI: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

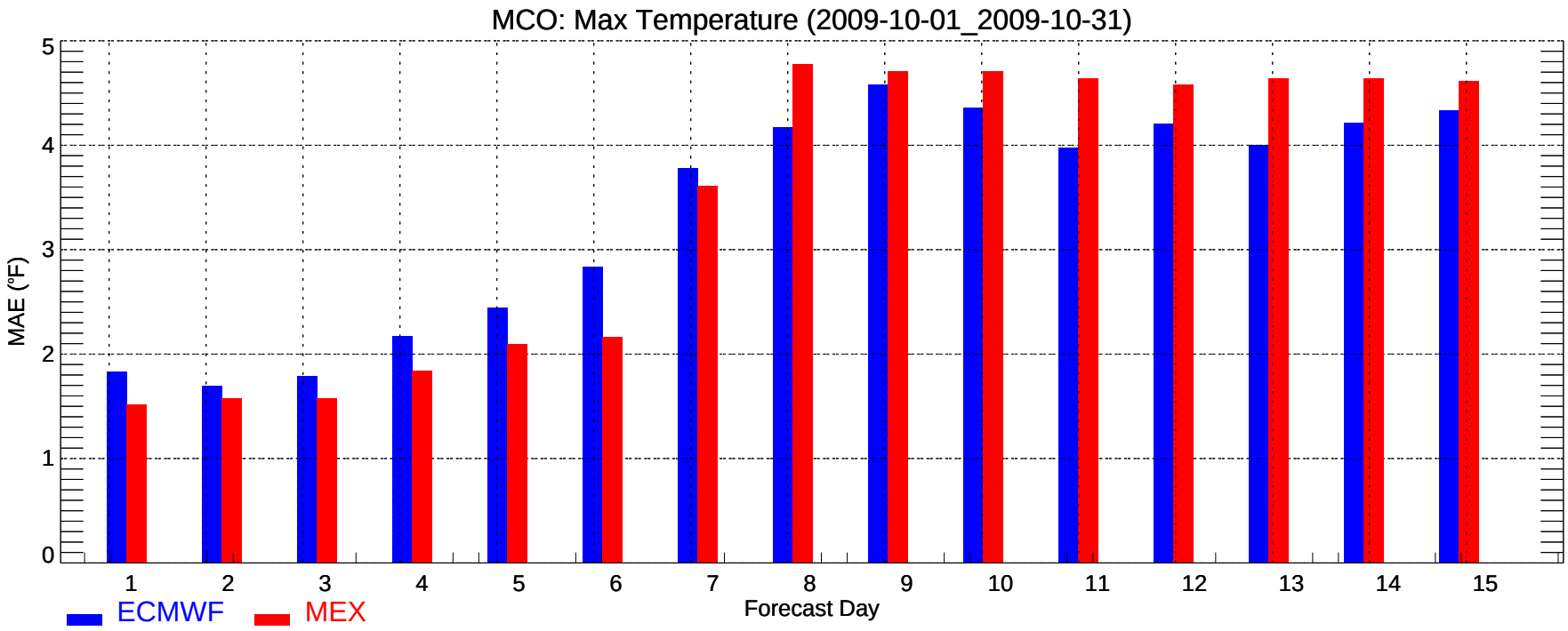

MCI: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

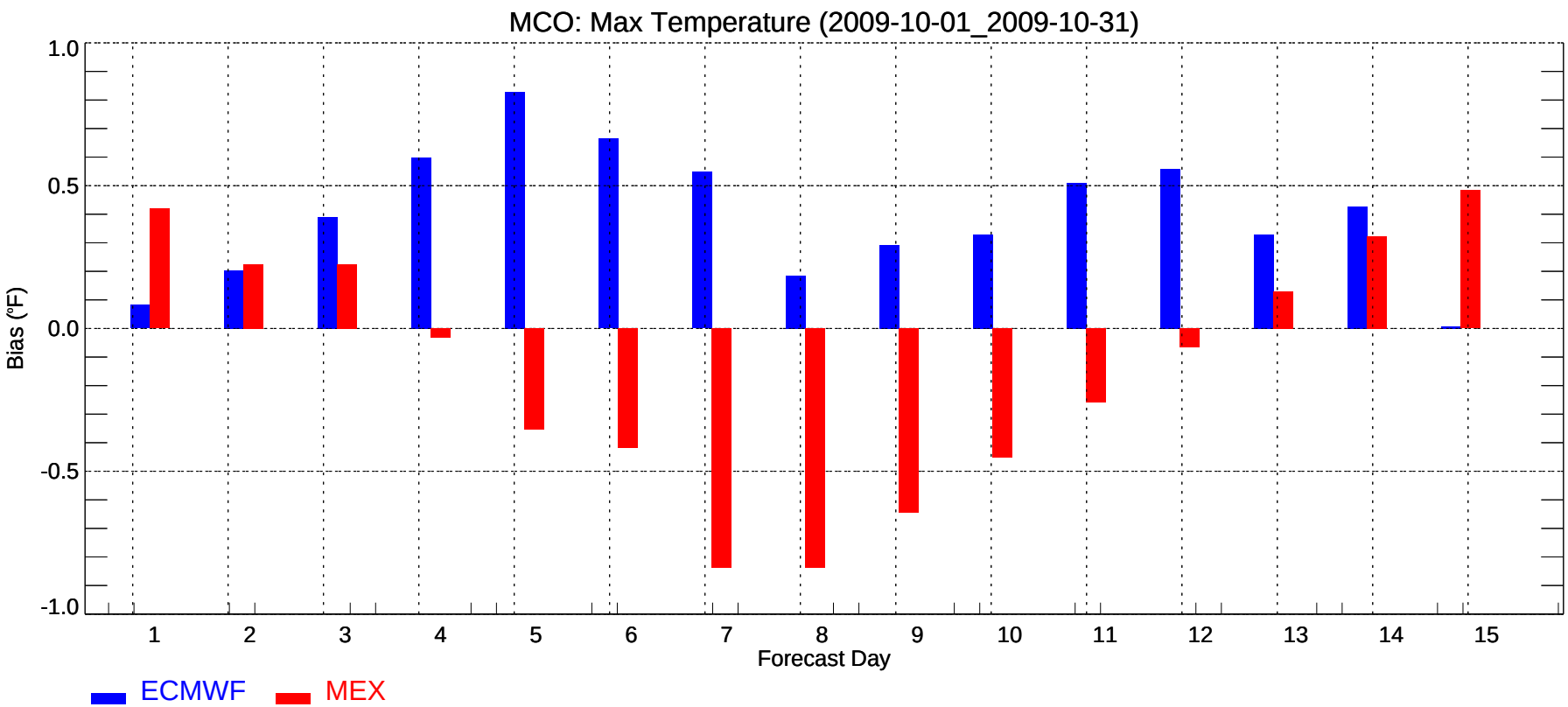

MCN: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

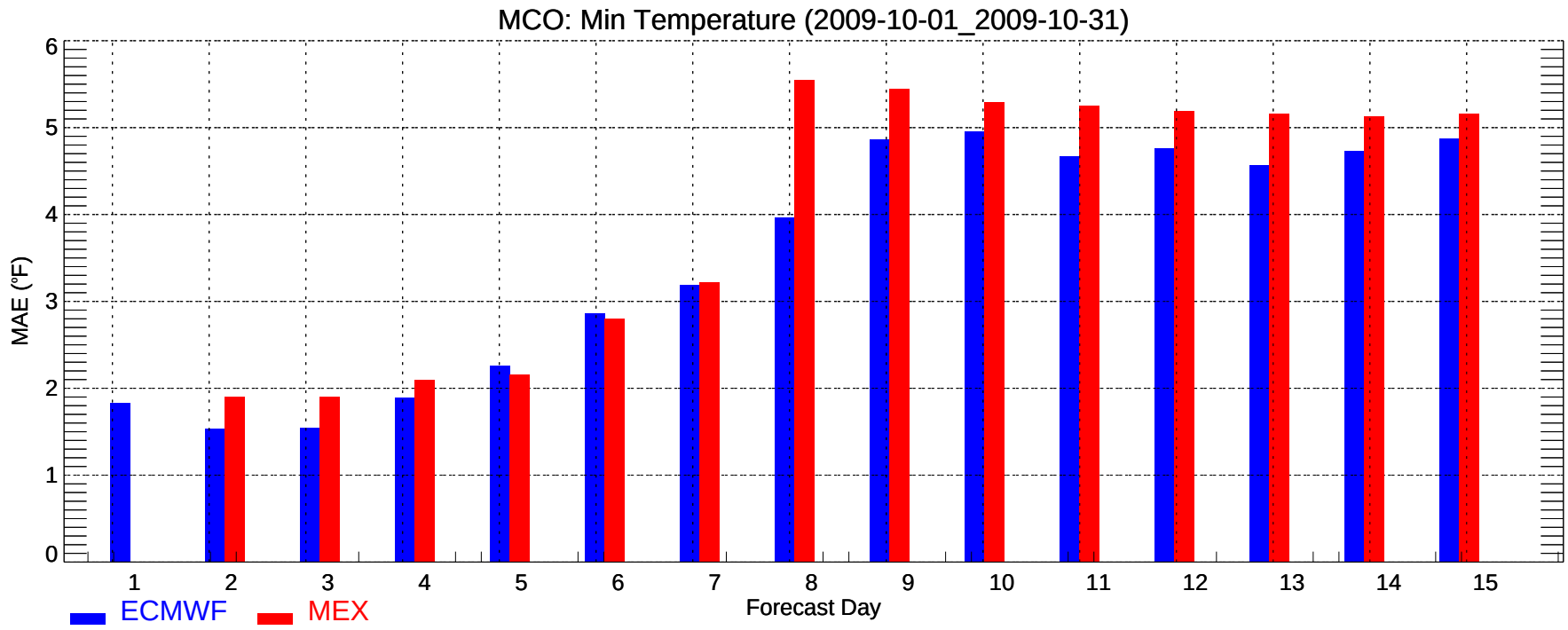

MCN: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

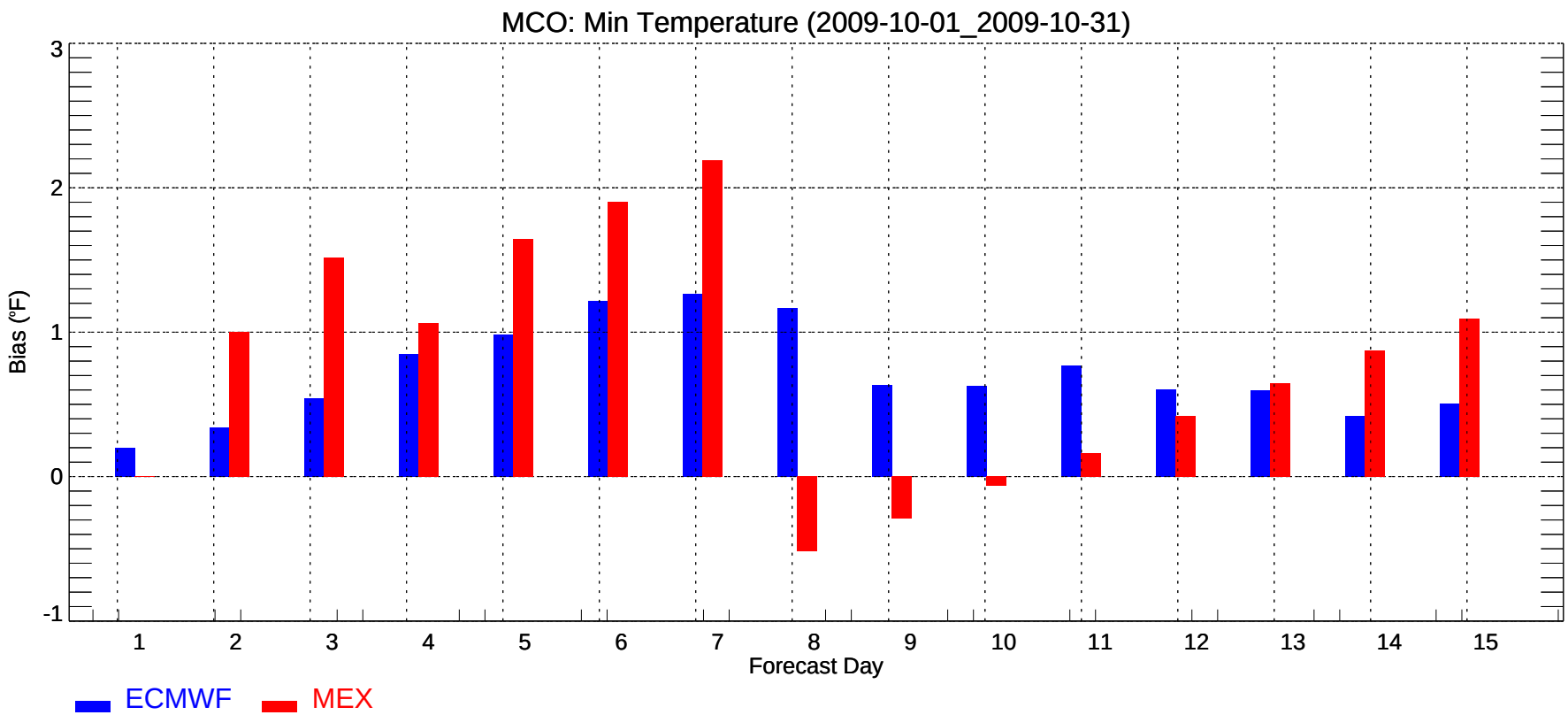

MCN: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

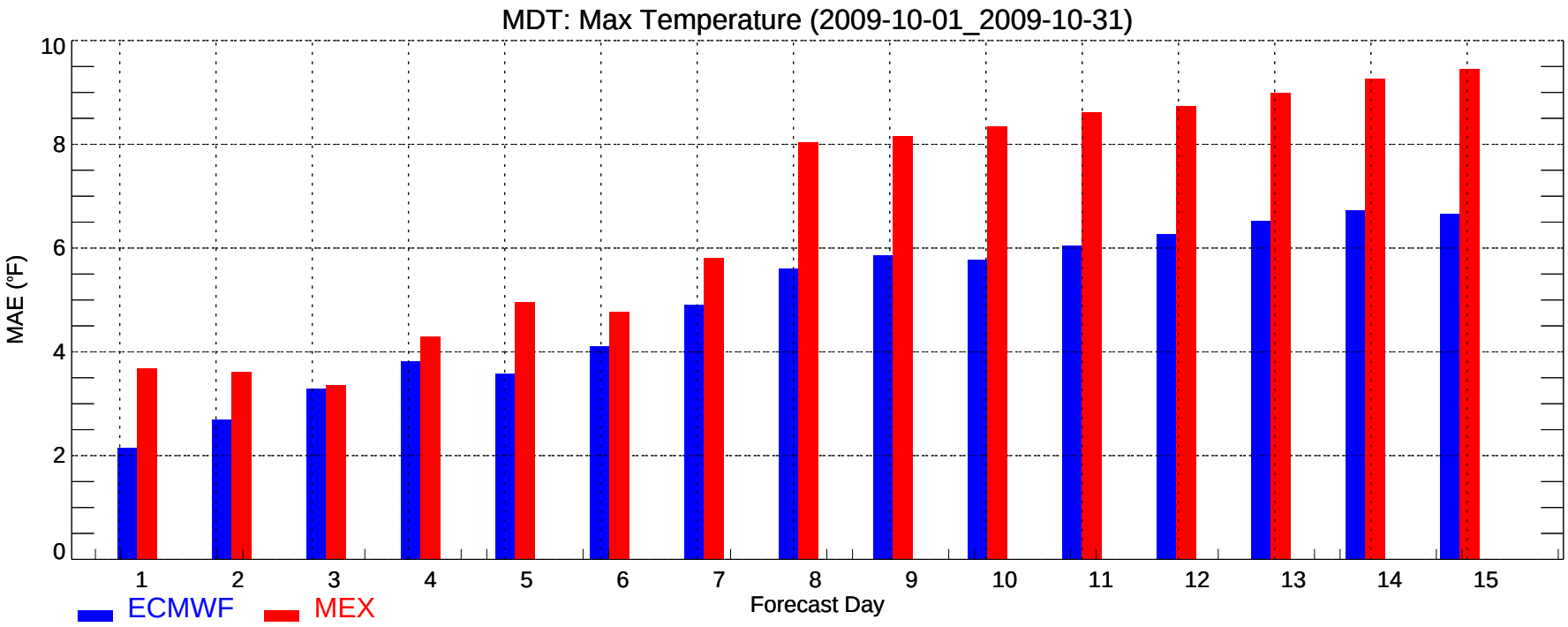

MCN: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

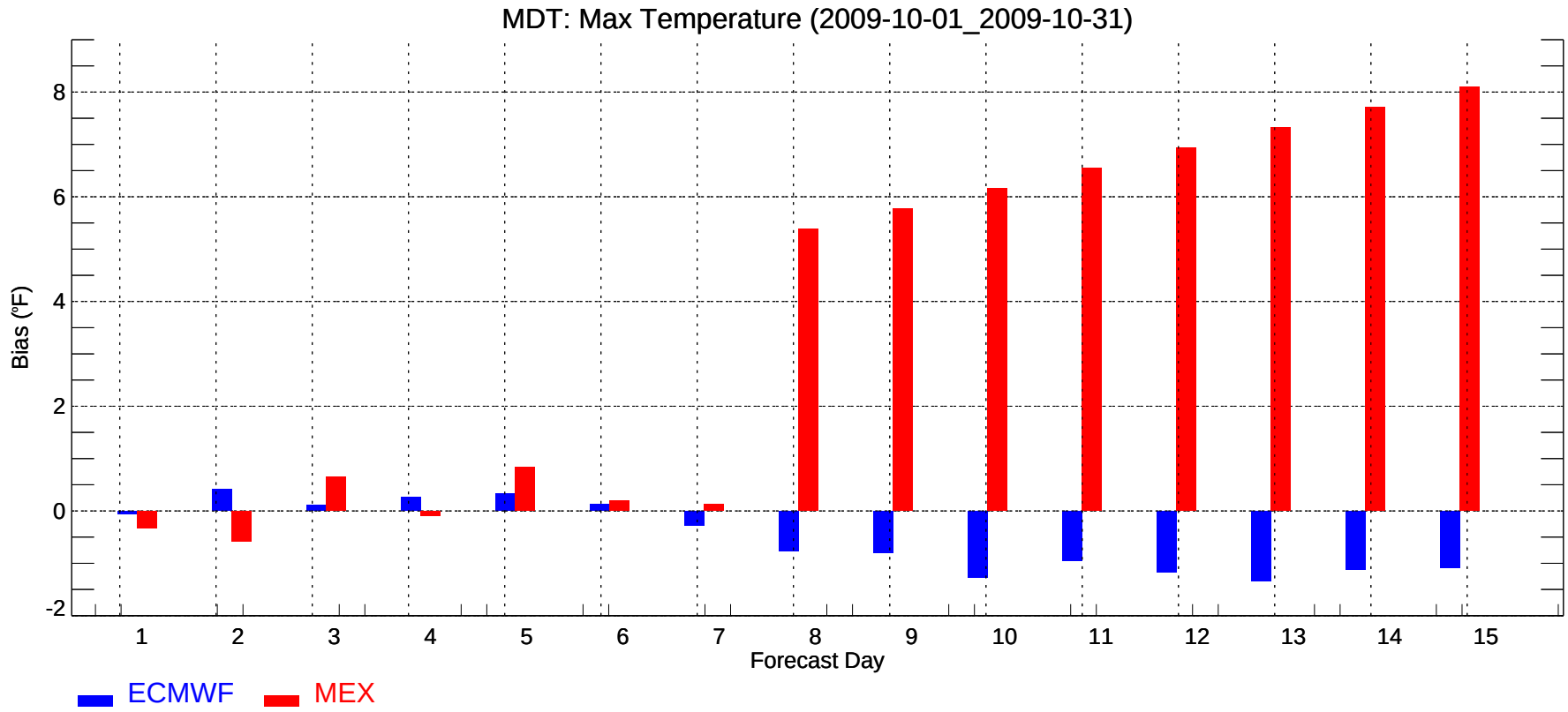

MCO: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

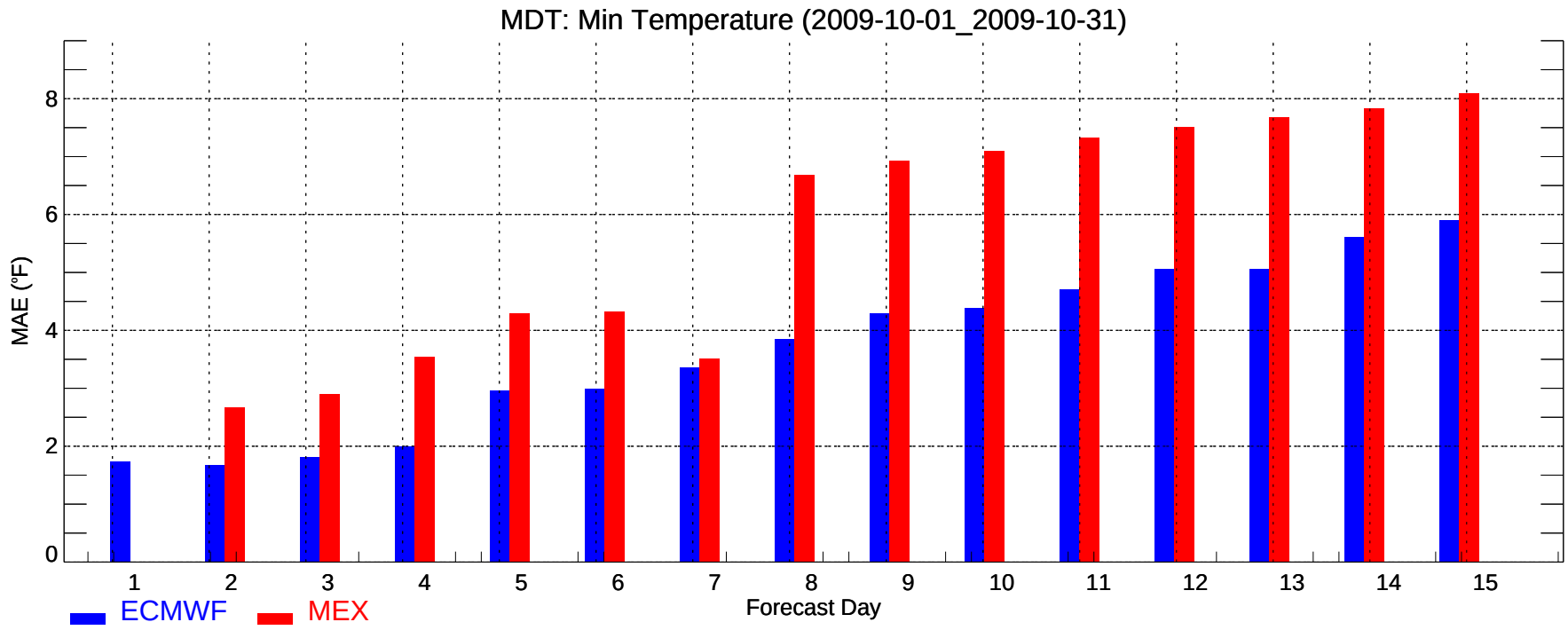

MCO: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
1.0
0.5
0.0
-0.5
-1.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

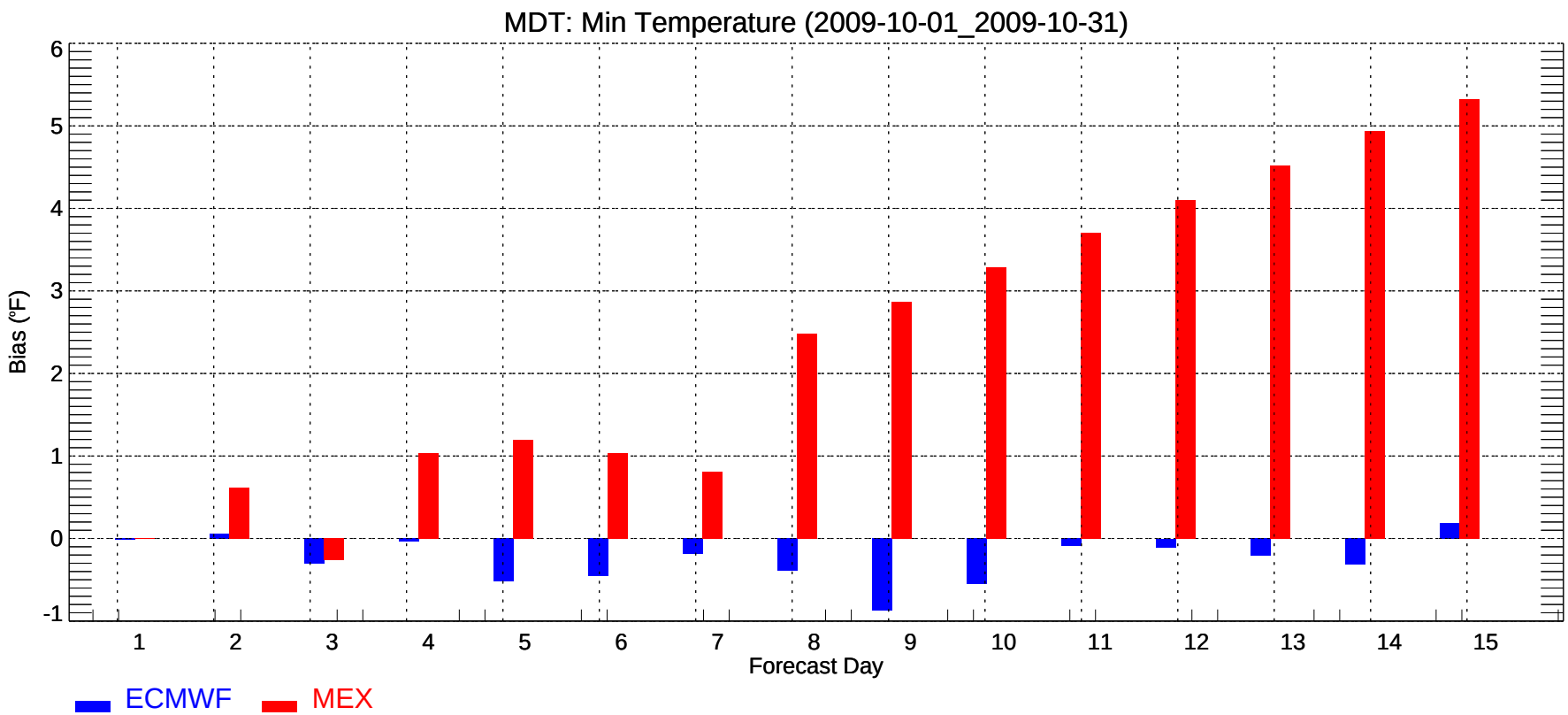

MCO: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MCO: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MDT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MDT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MDT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MDT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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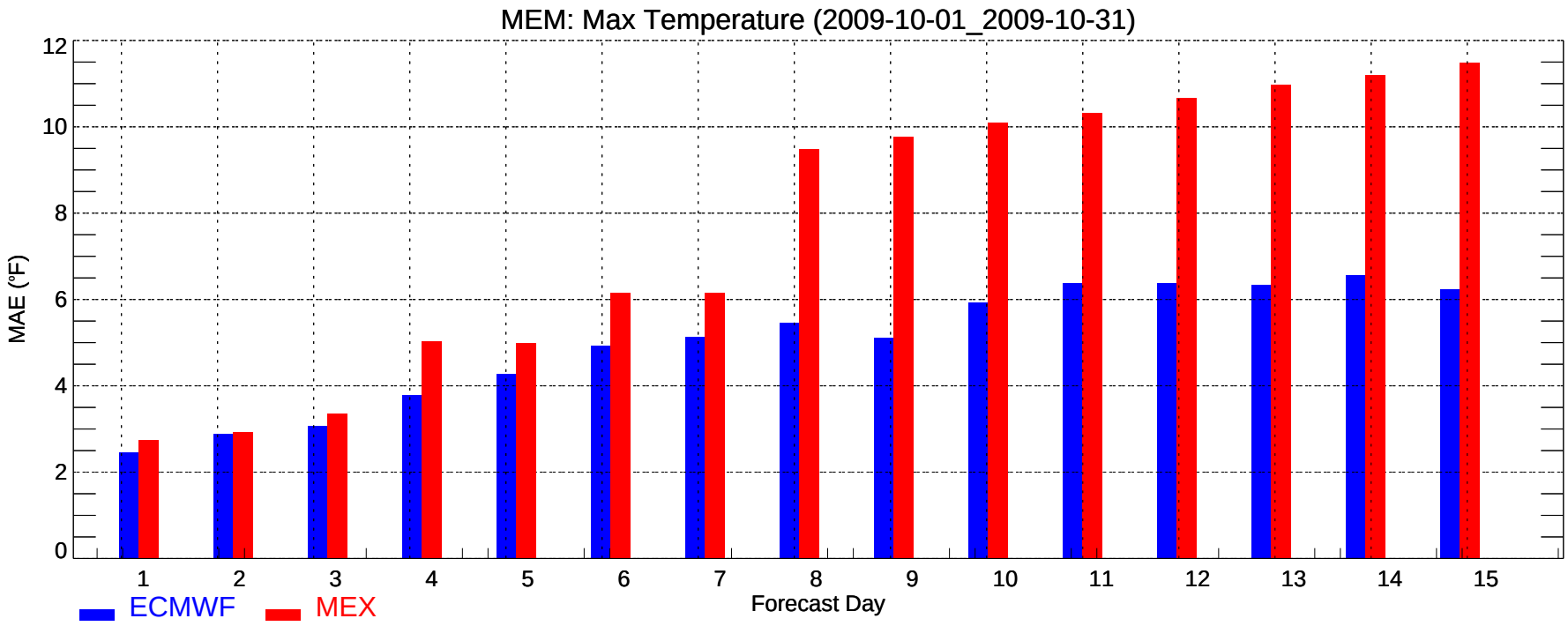
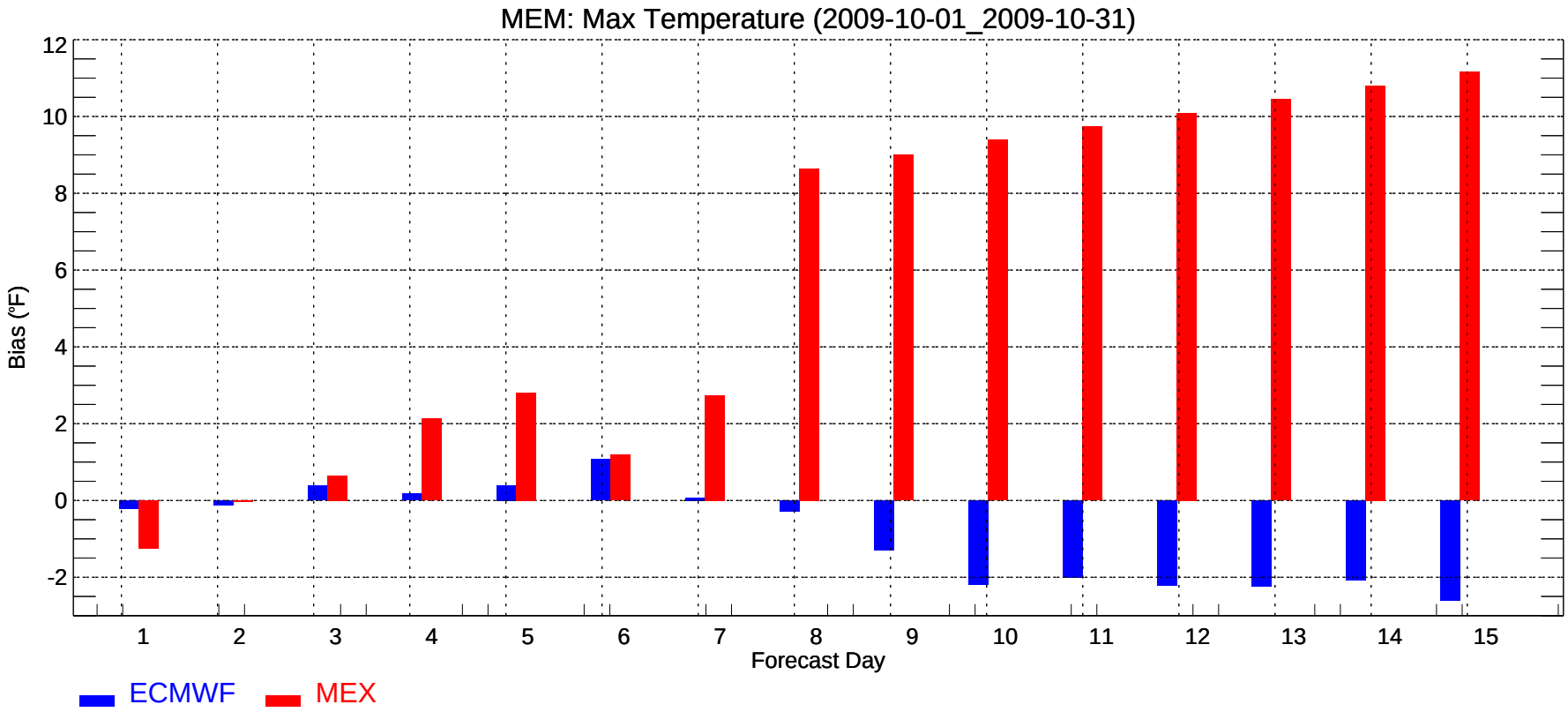
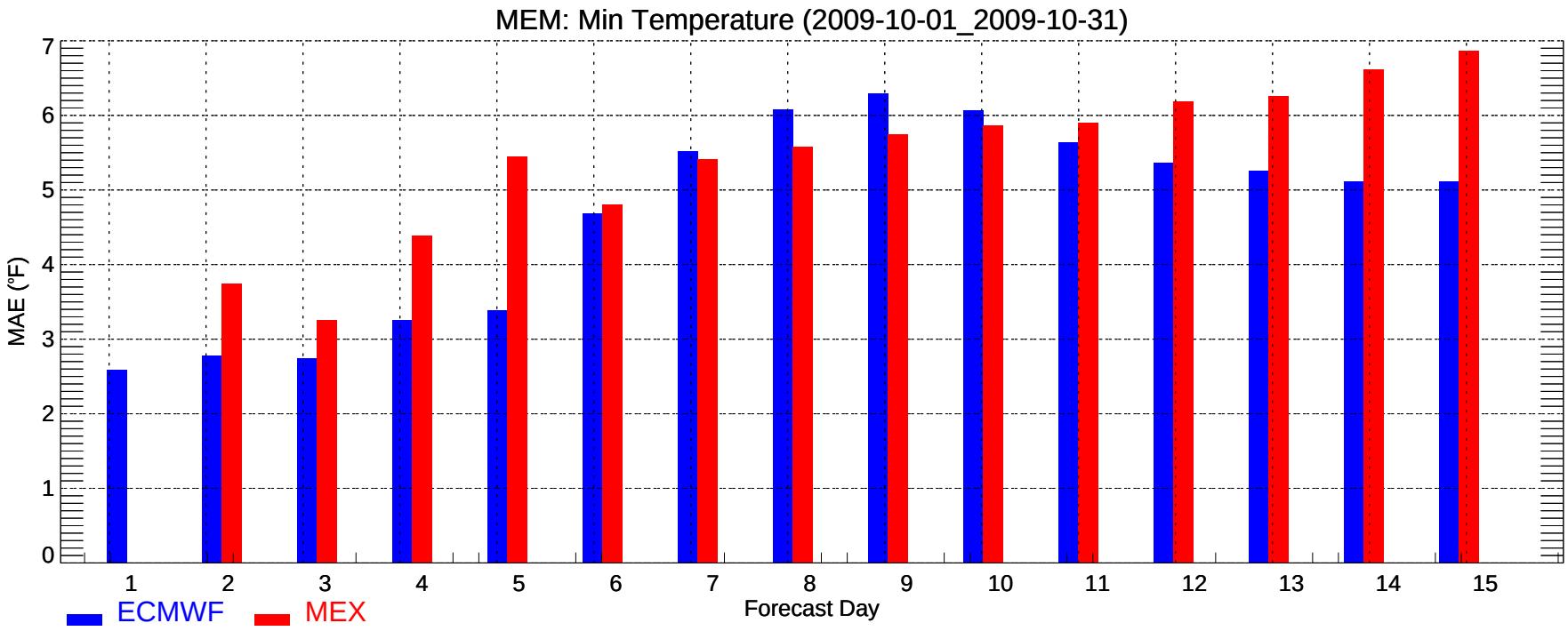
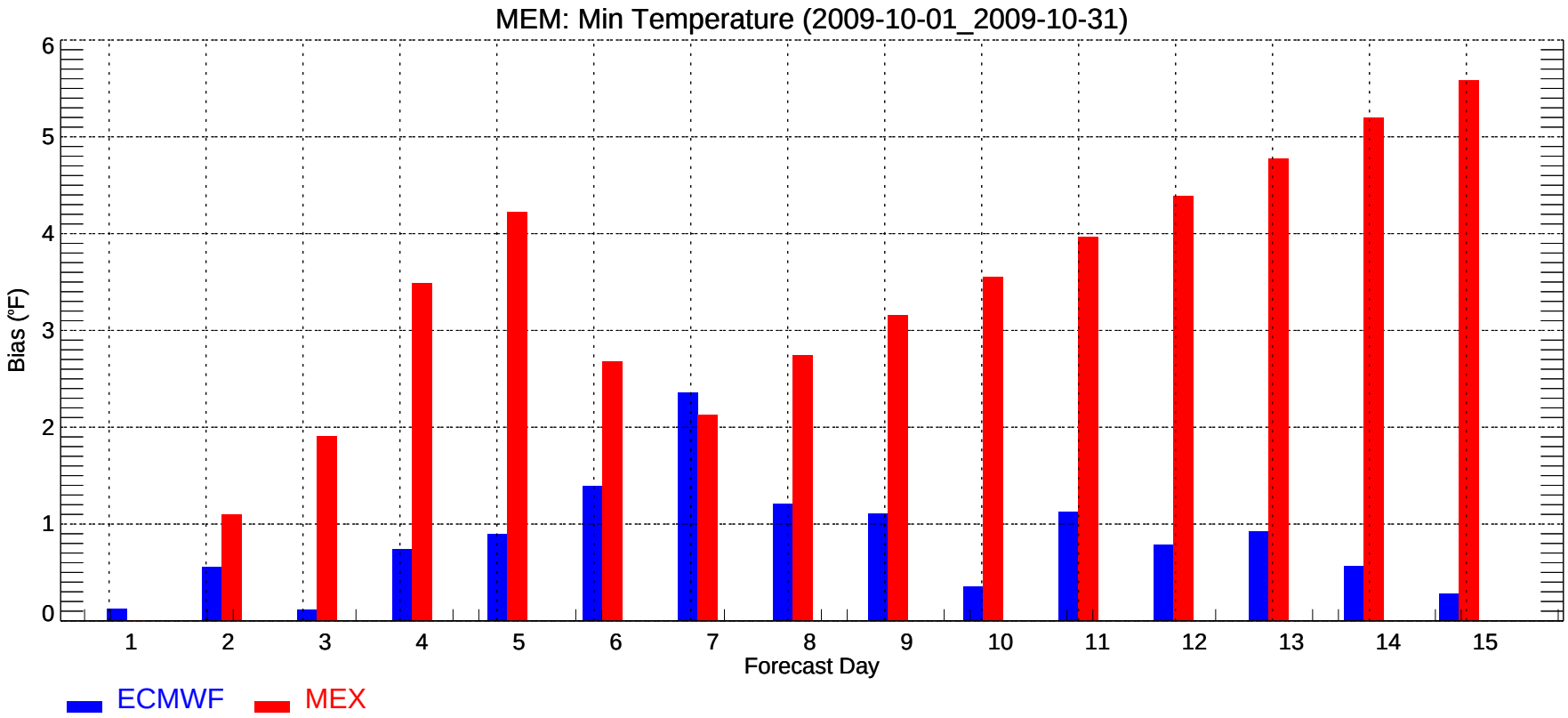
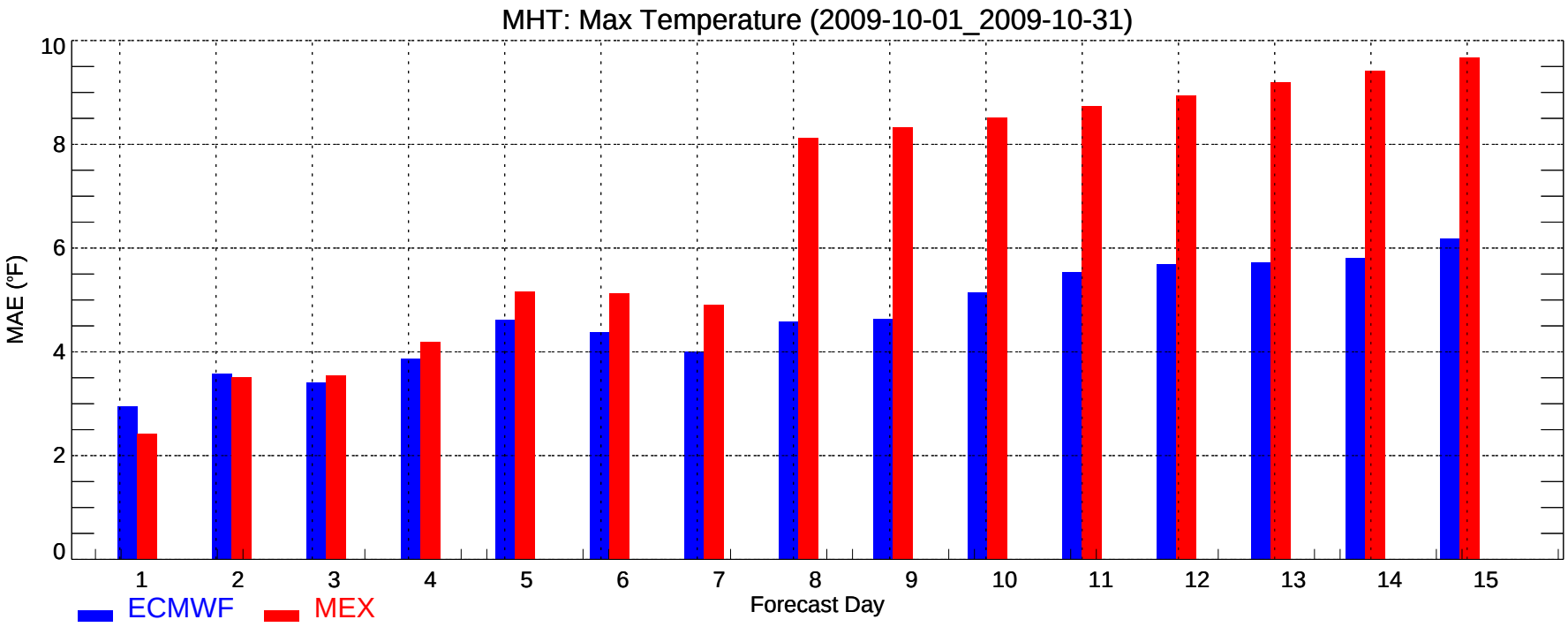
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

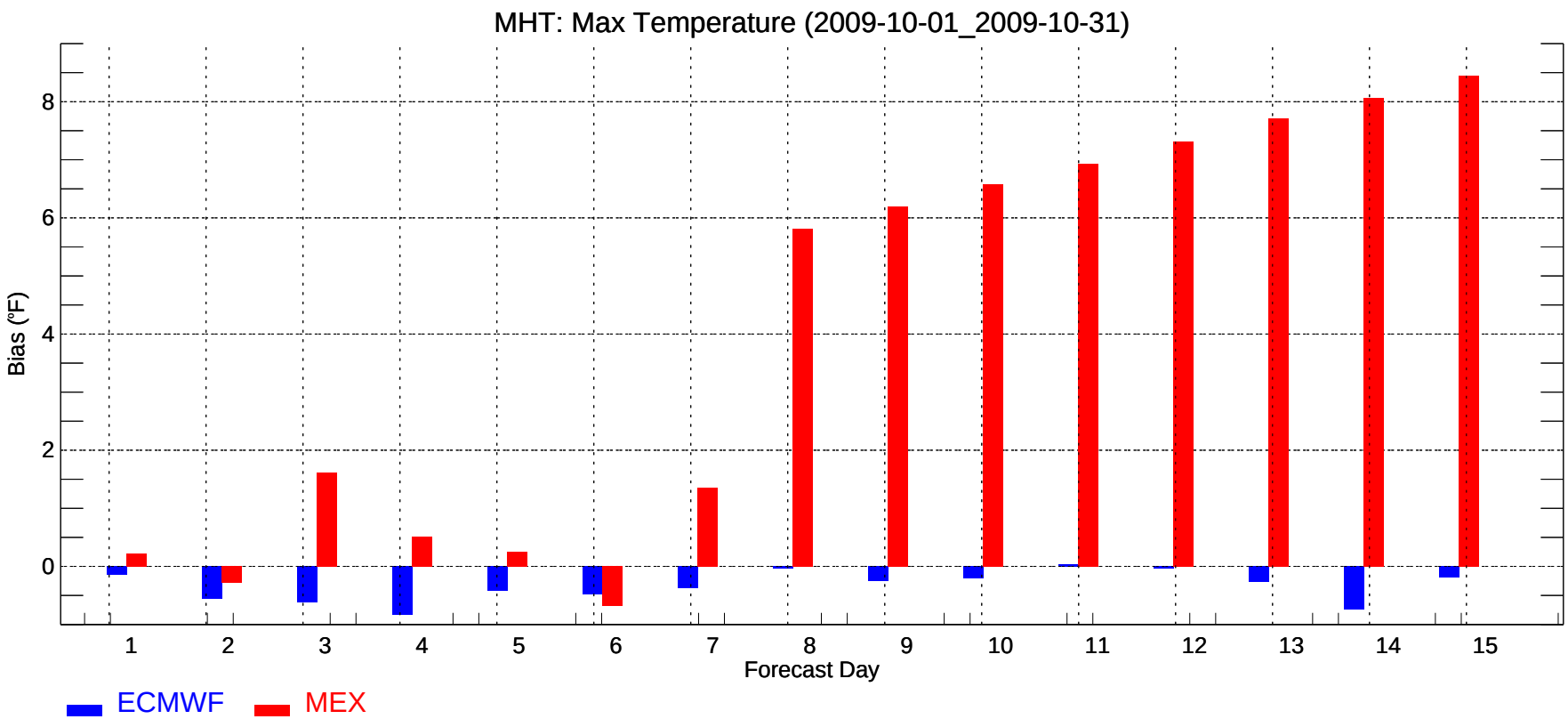

MEM: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

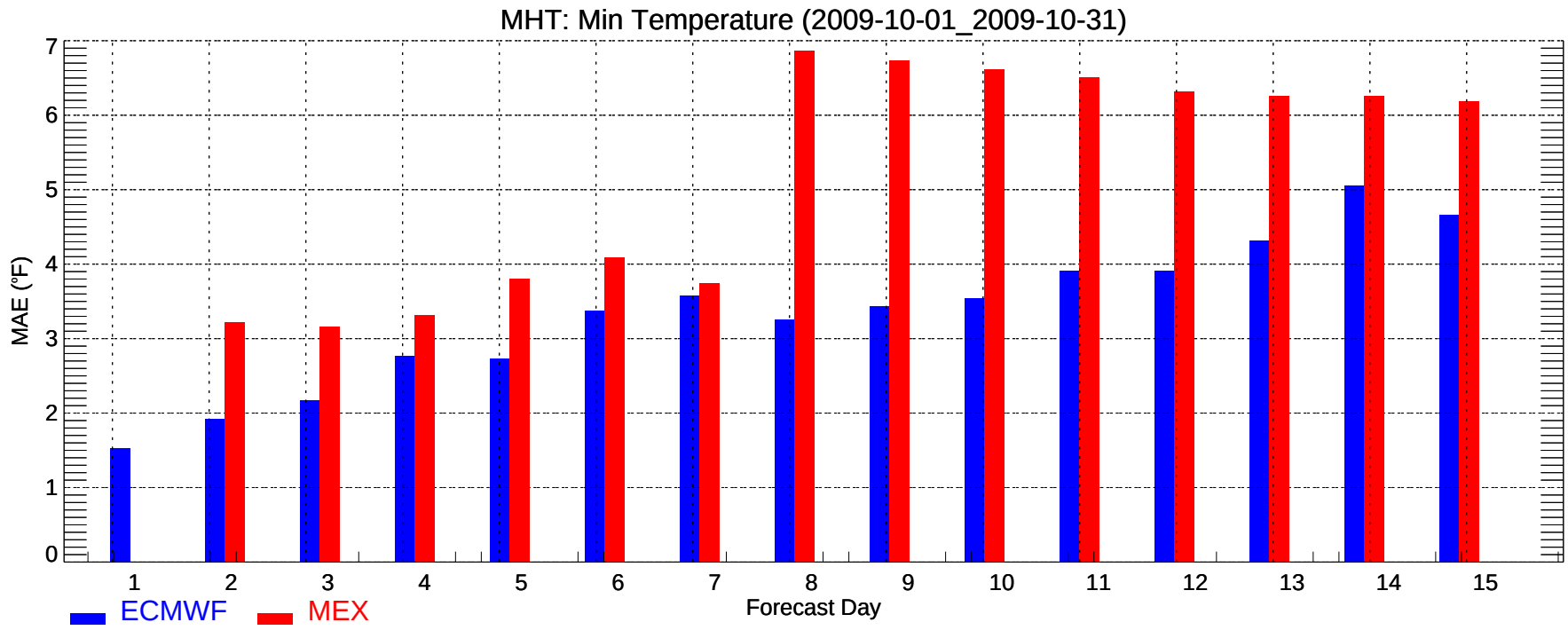

MEM: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

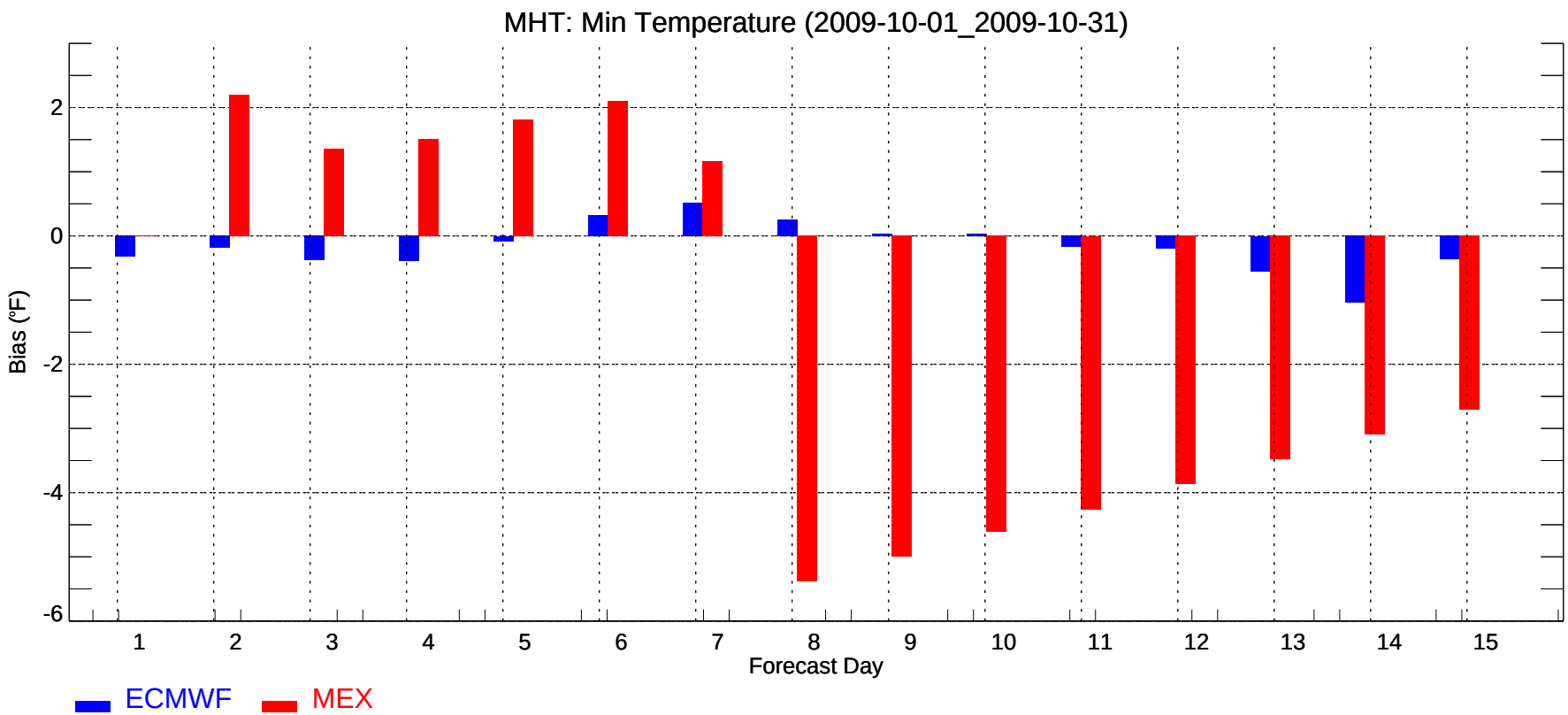

MEM: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

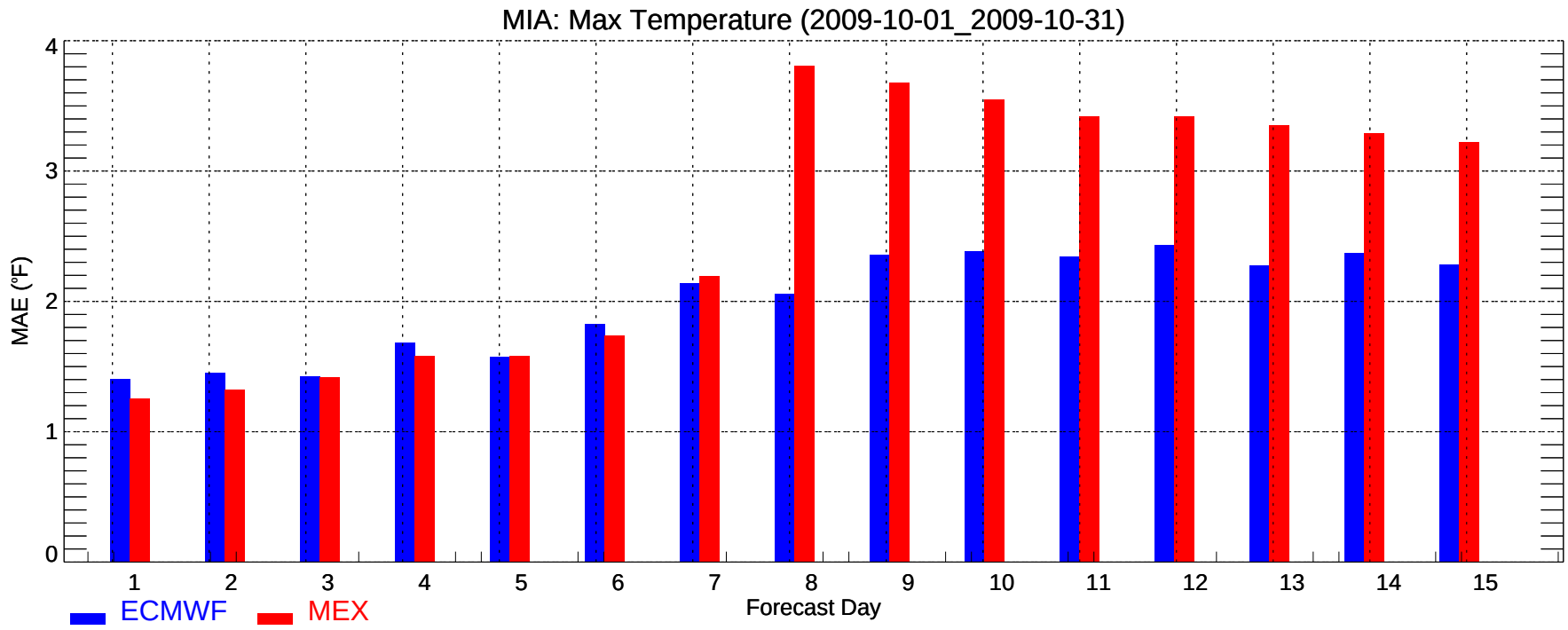

MEM: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

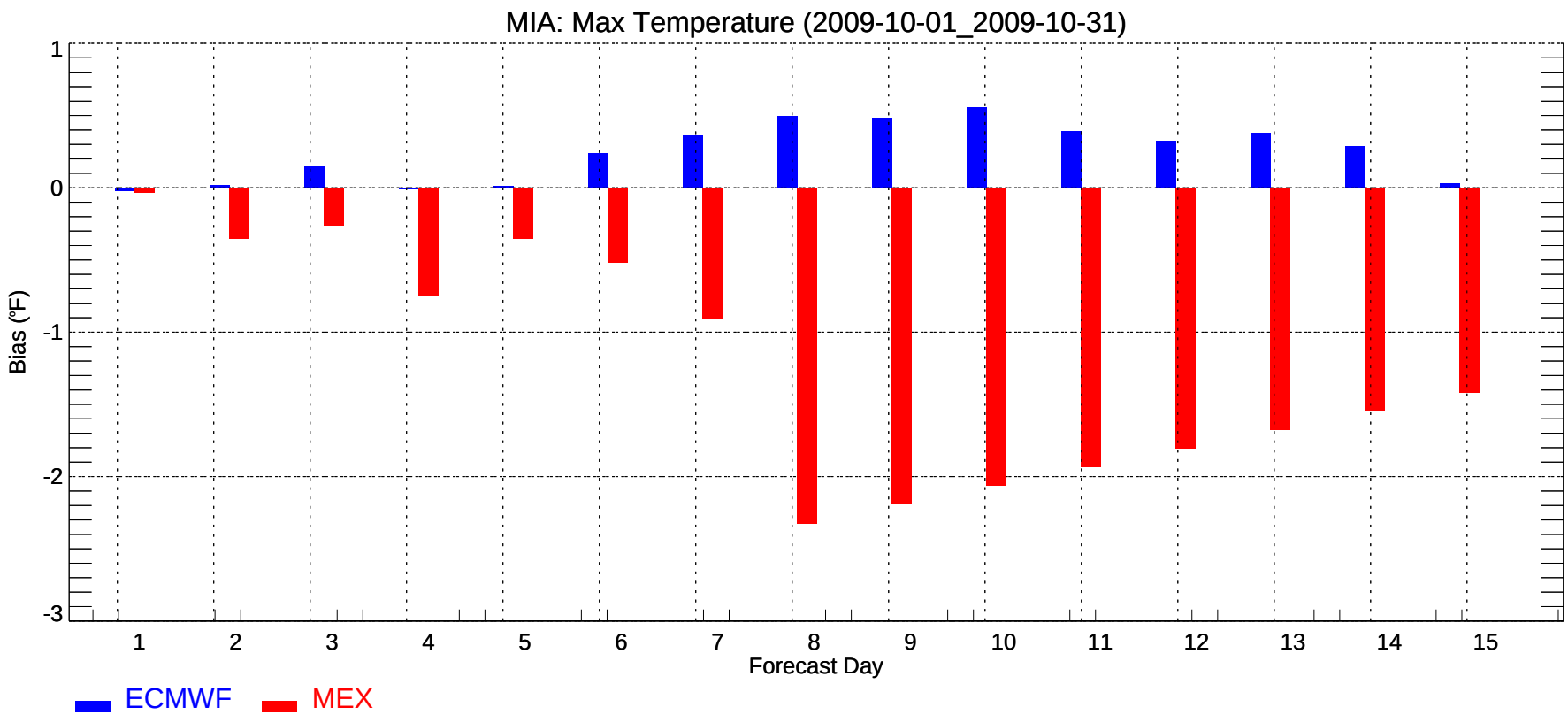

MHT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

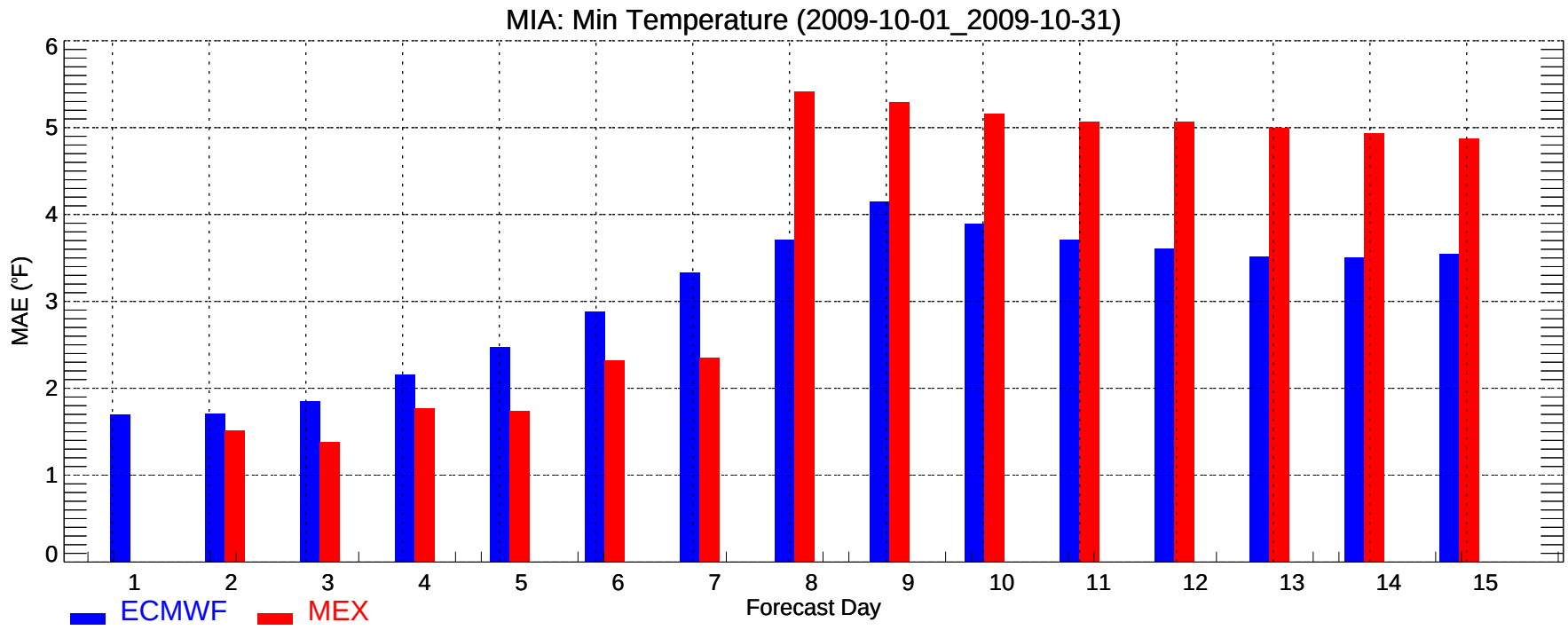

MHT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

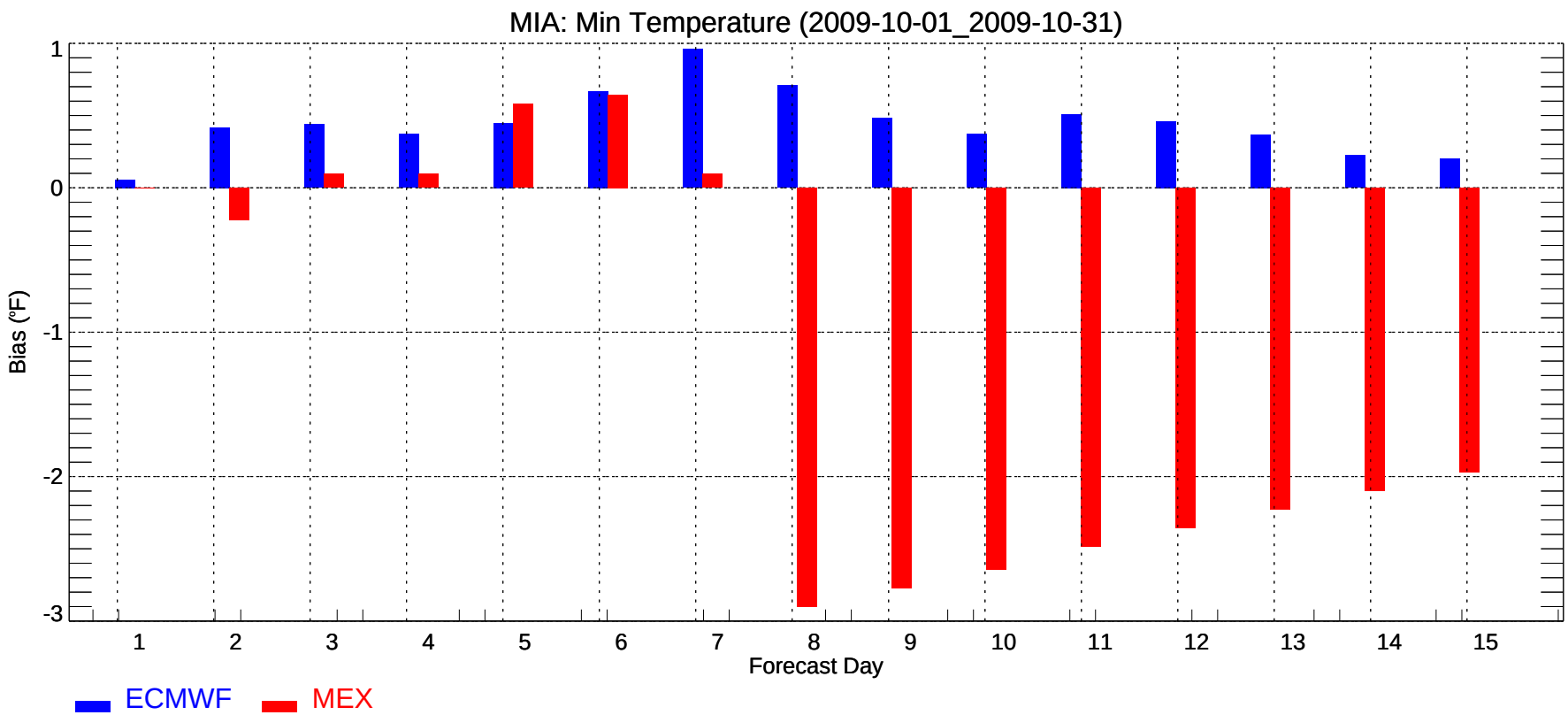

MHT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

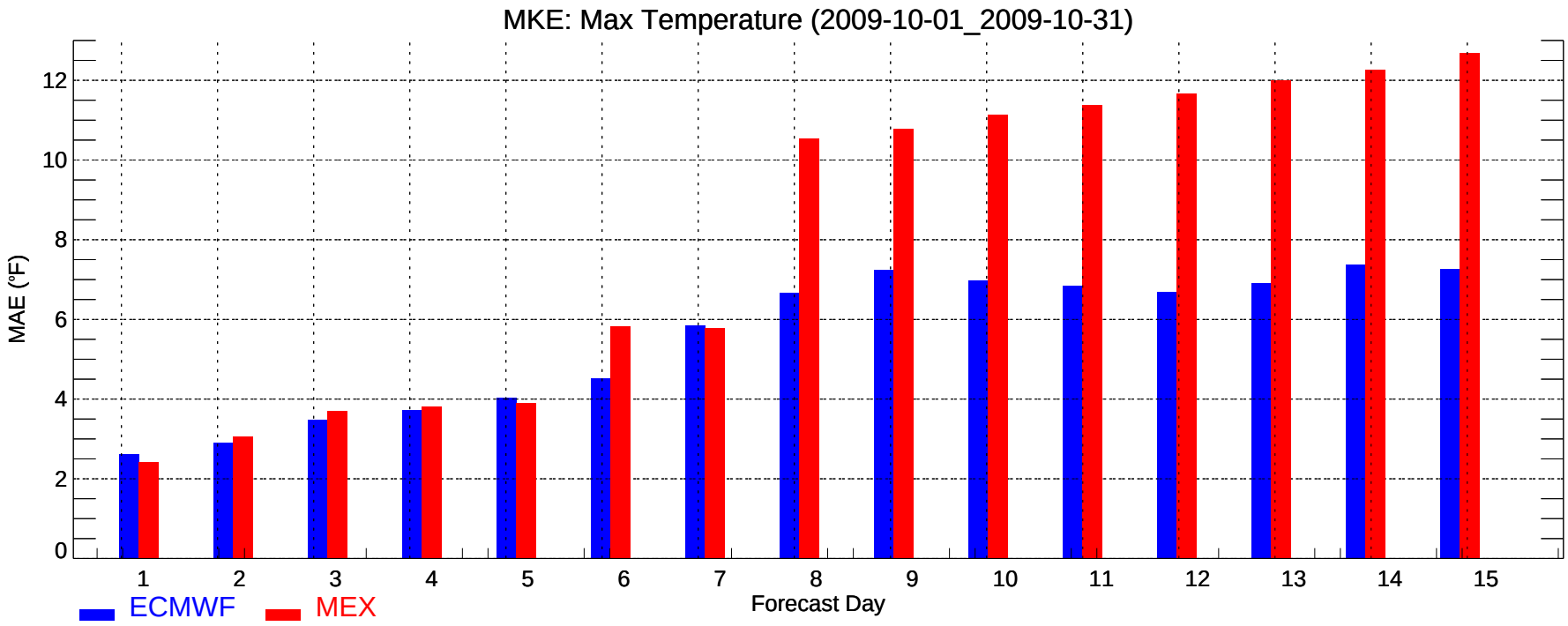

MHT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

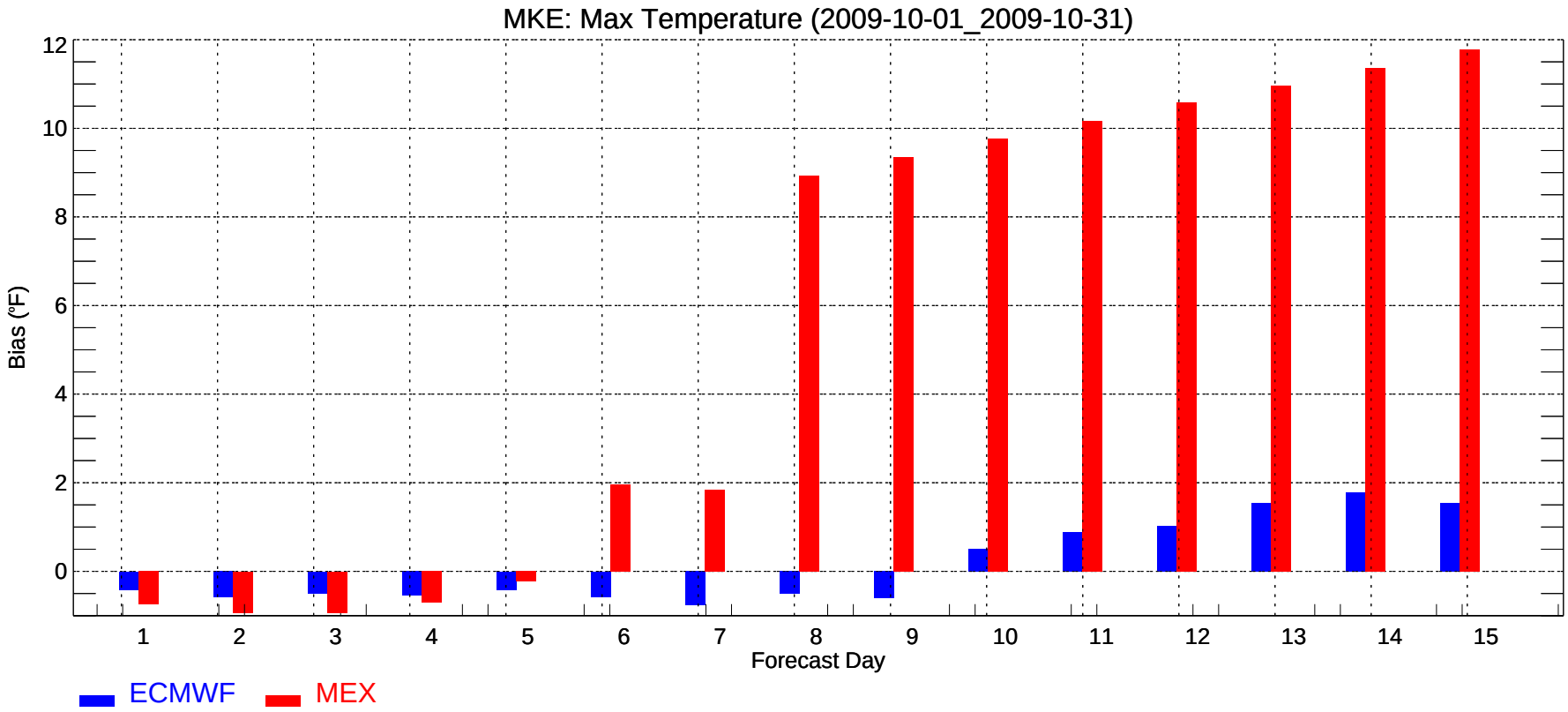

MIA: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

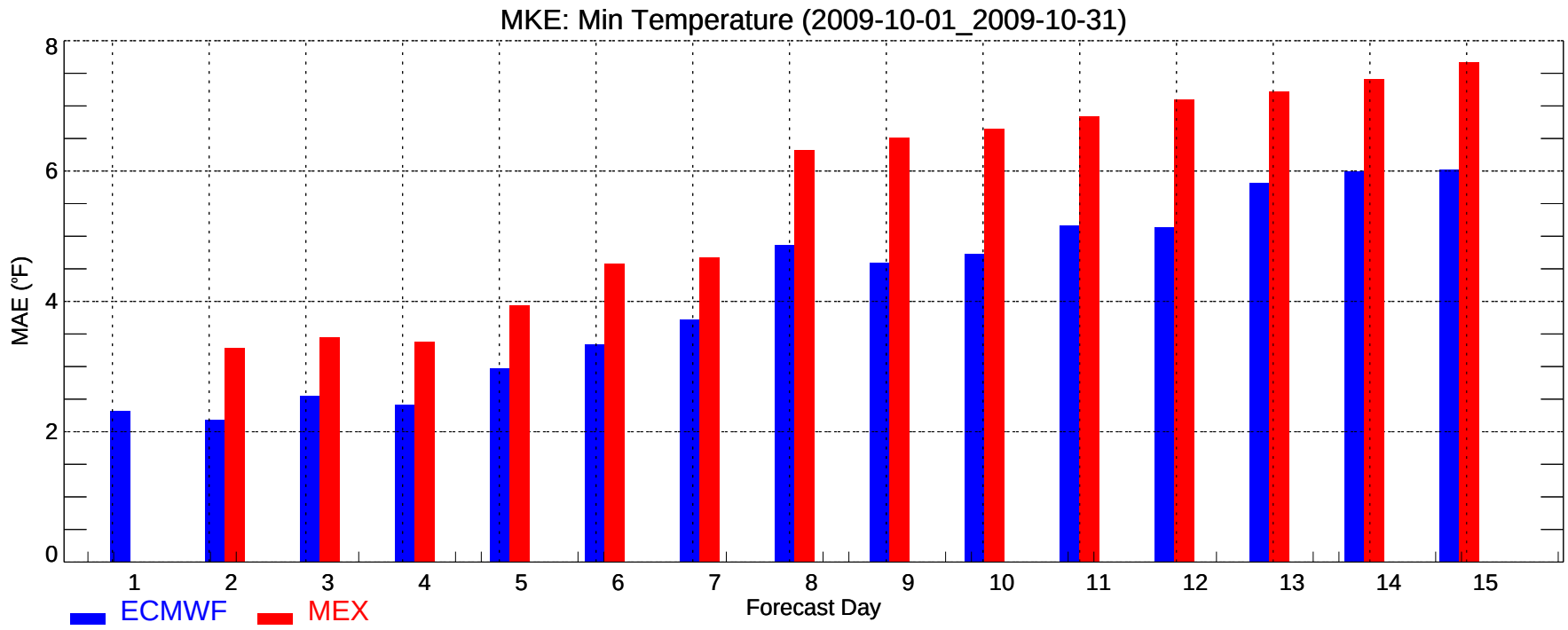

MIA: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

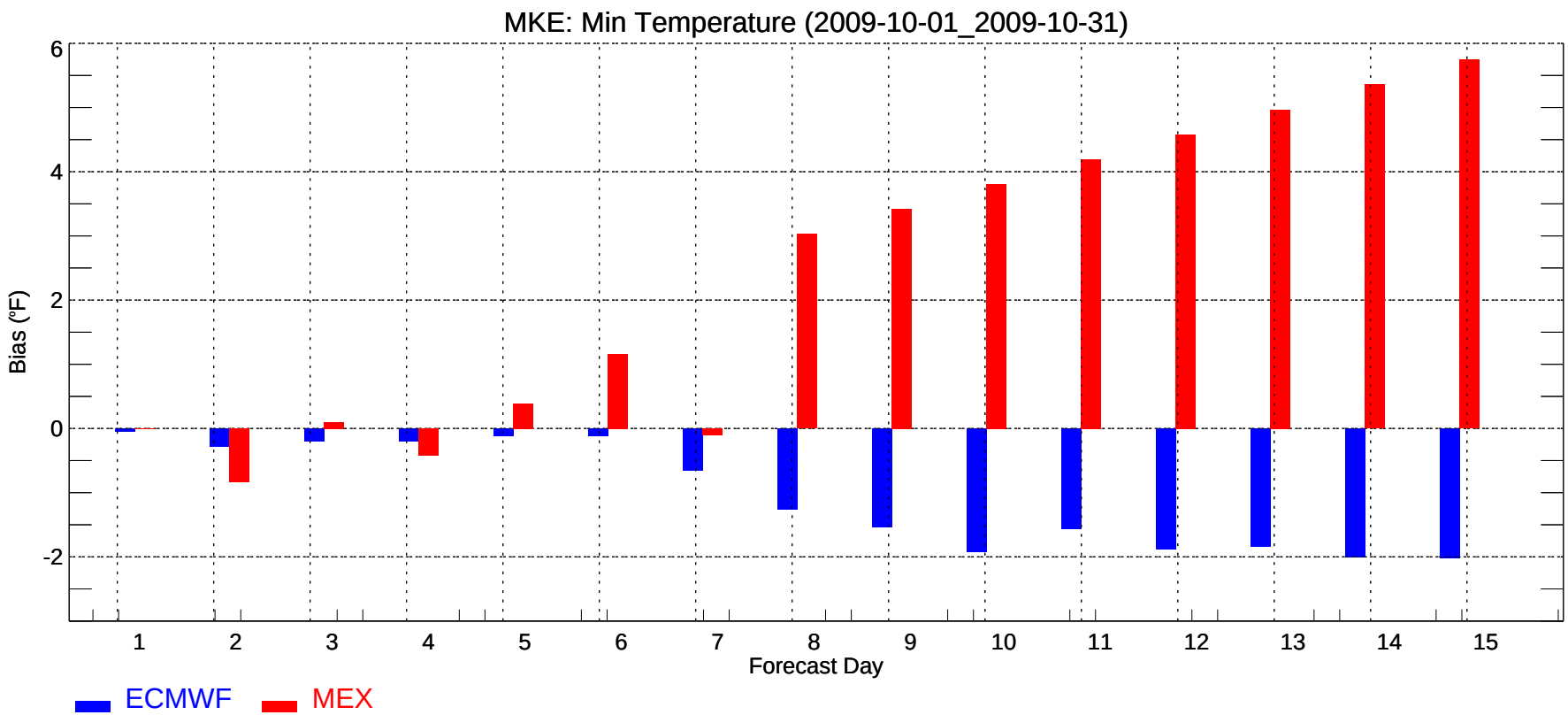

MIA: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MIA: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MKE: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MKE: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MKE: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MKE: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
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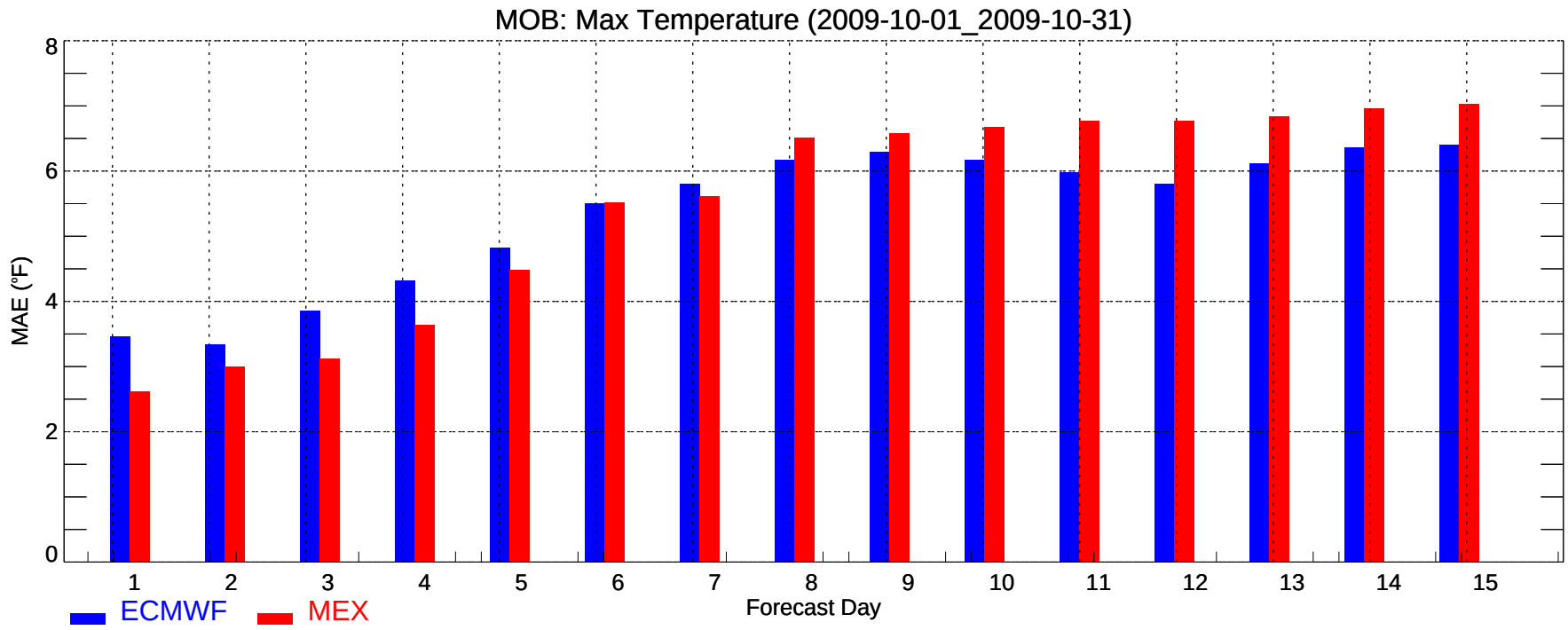
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MOB: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
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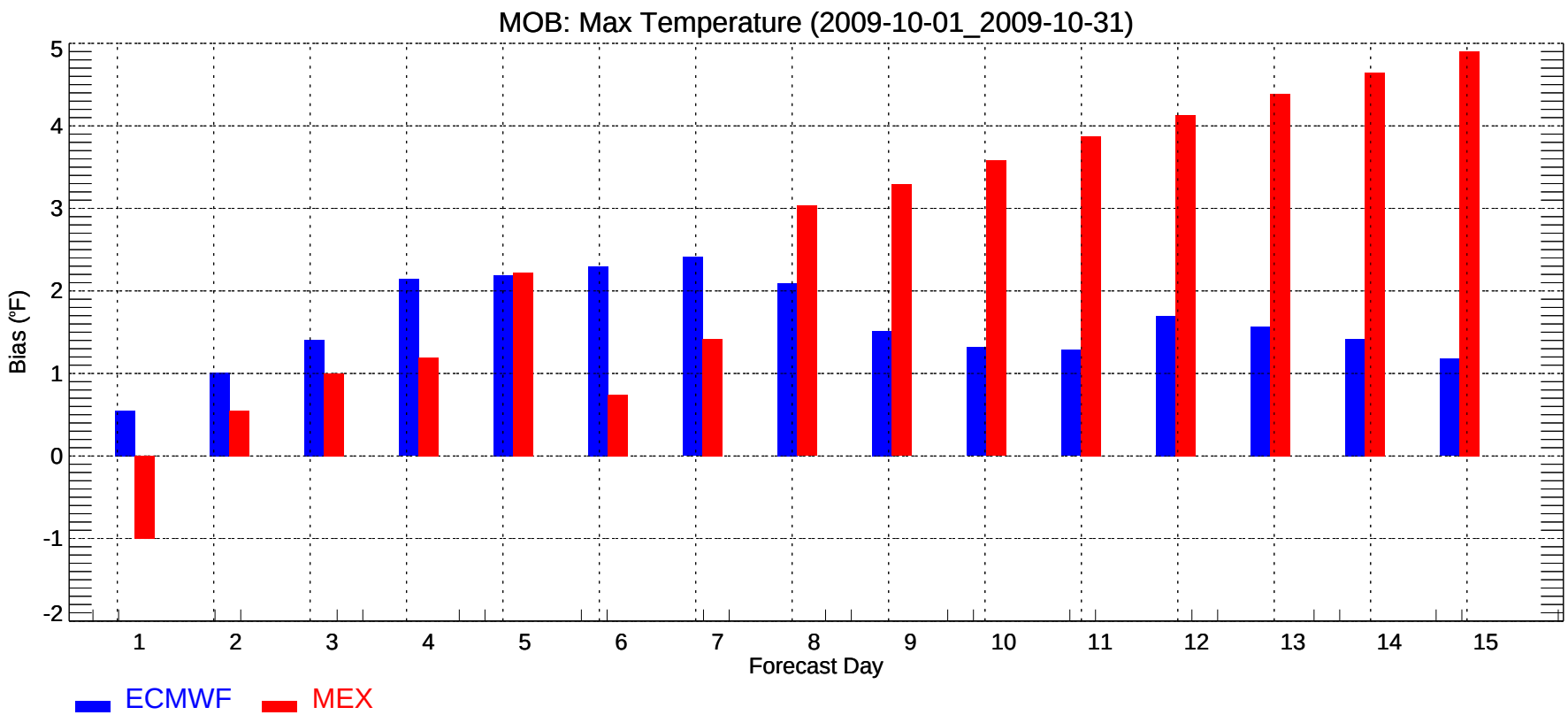
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MOB: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
4
5
1
2
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4
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6
7
8
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10
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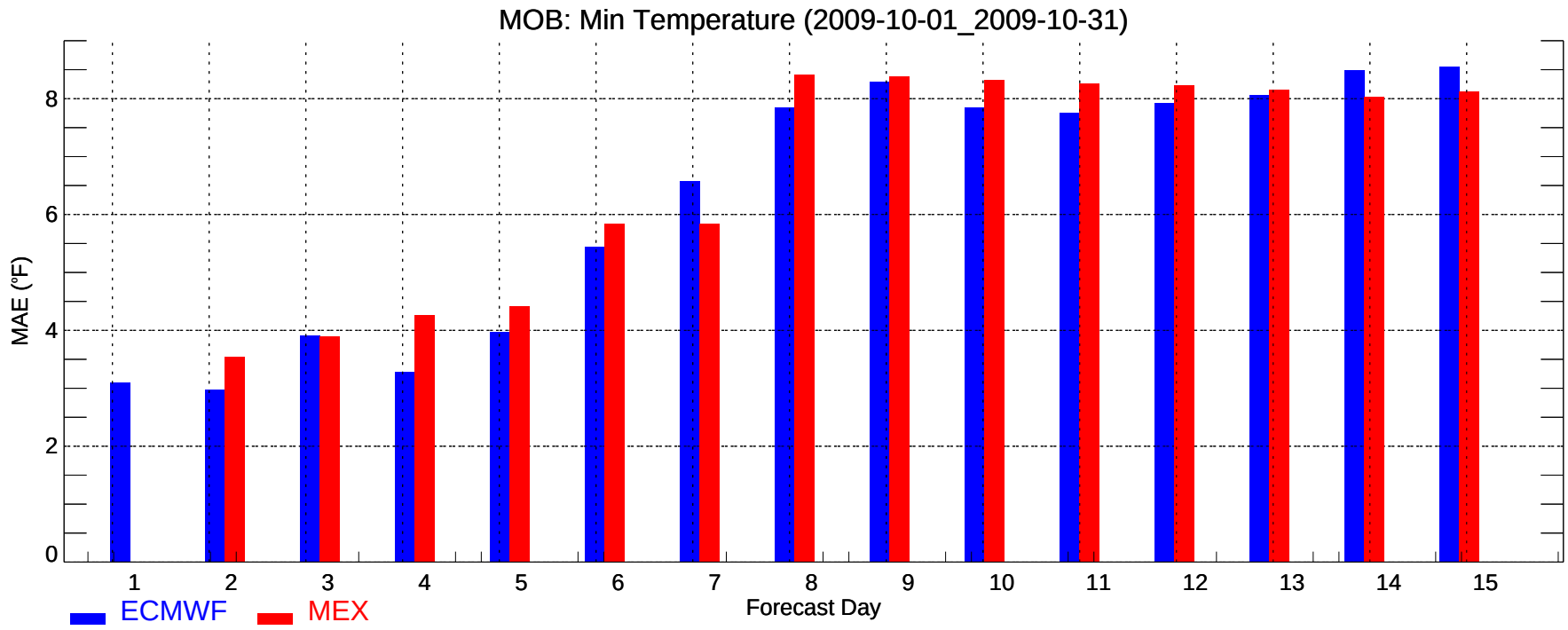
12
13
14
15
Forecast Day
ECMWF
MEX


MOB: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
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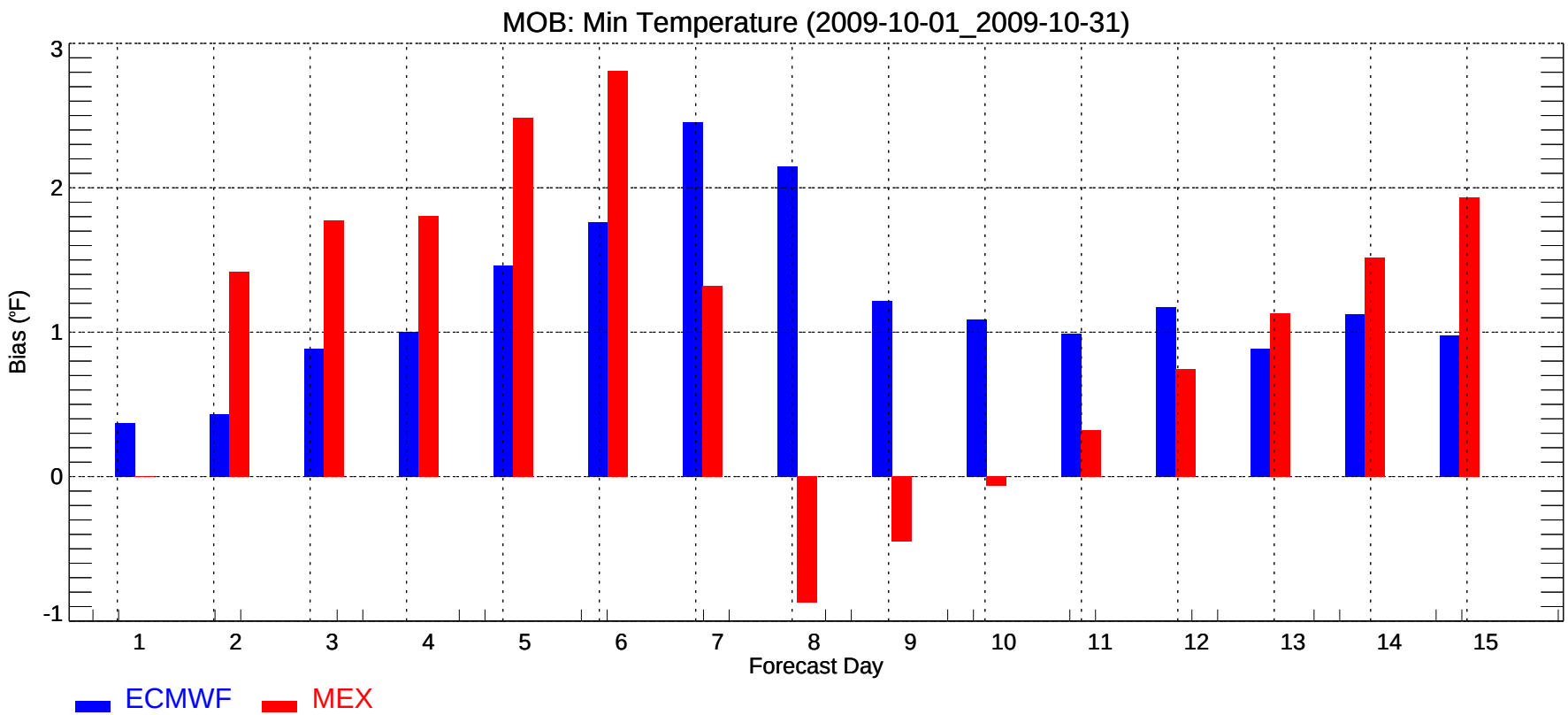
12
13
14
15
Forecast Day
ECMWF
MEX


MOB: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
1
2
3
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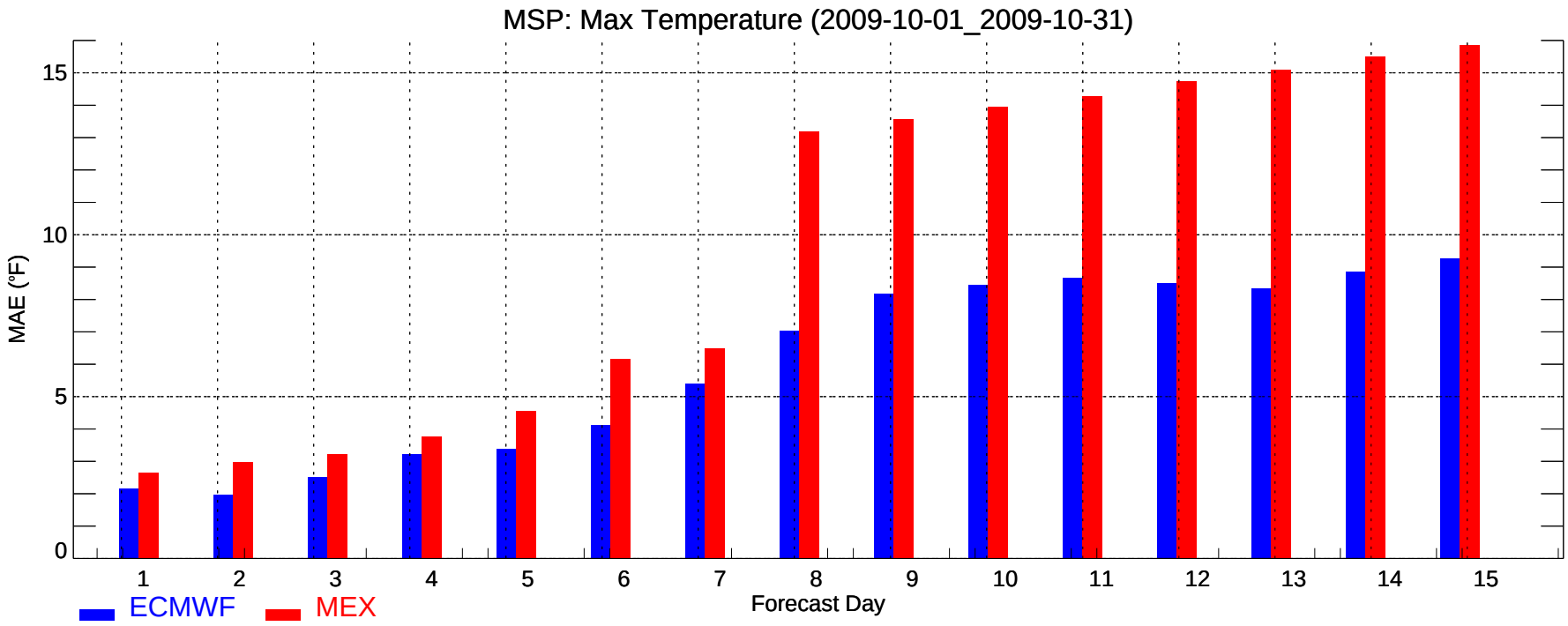
14
15
Forecast Day
ECMWF
MEX


MSP: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
5
10
15
1
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6
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10
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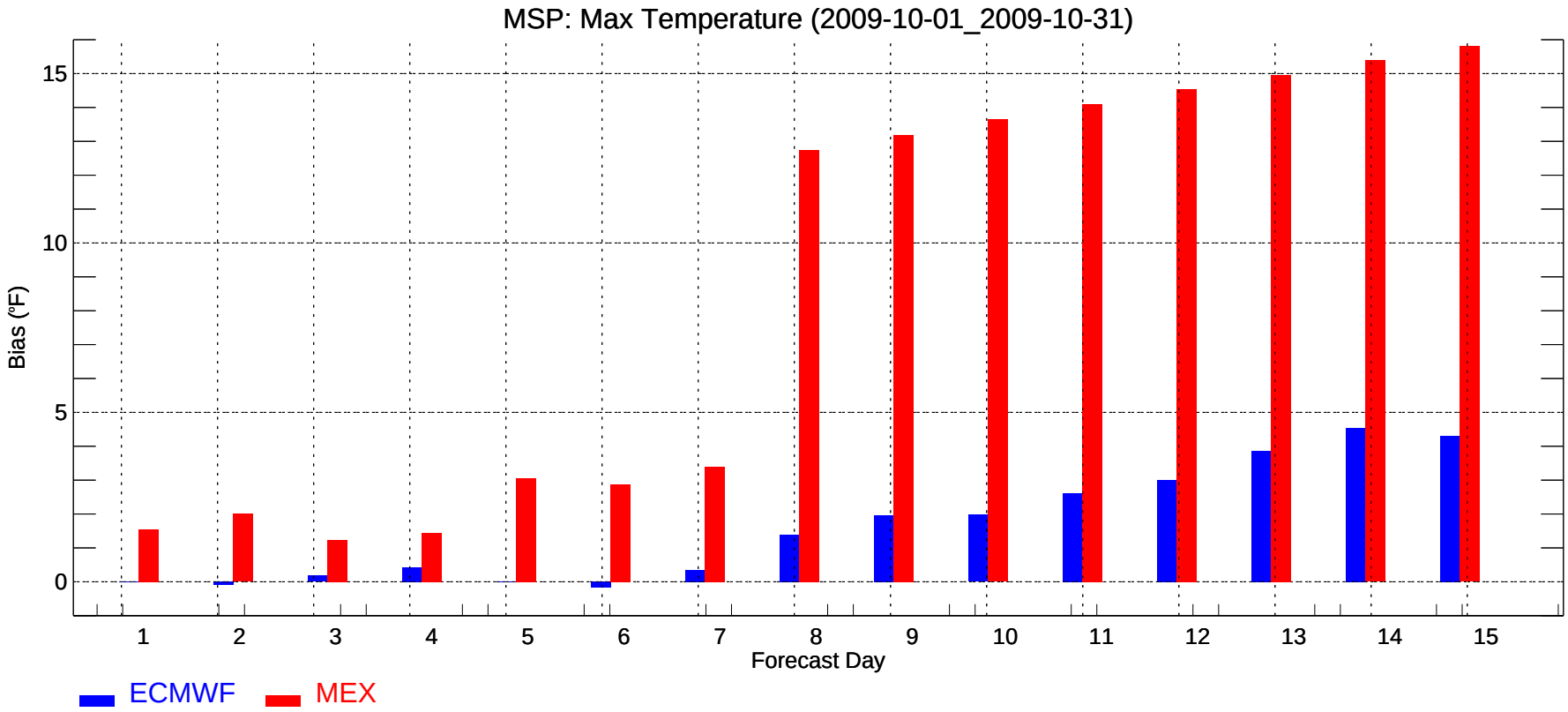
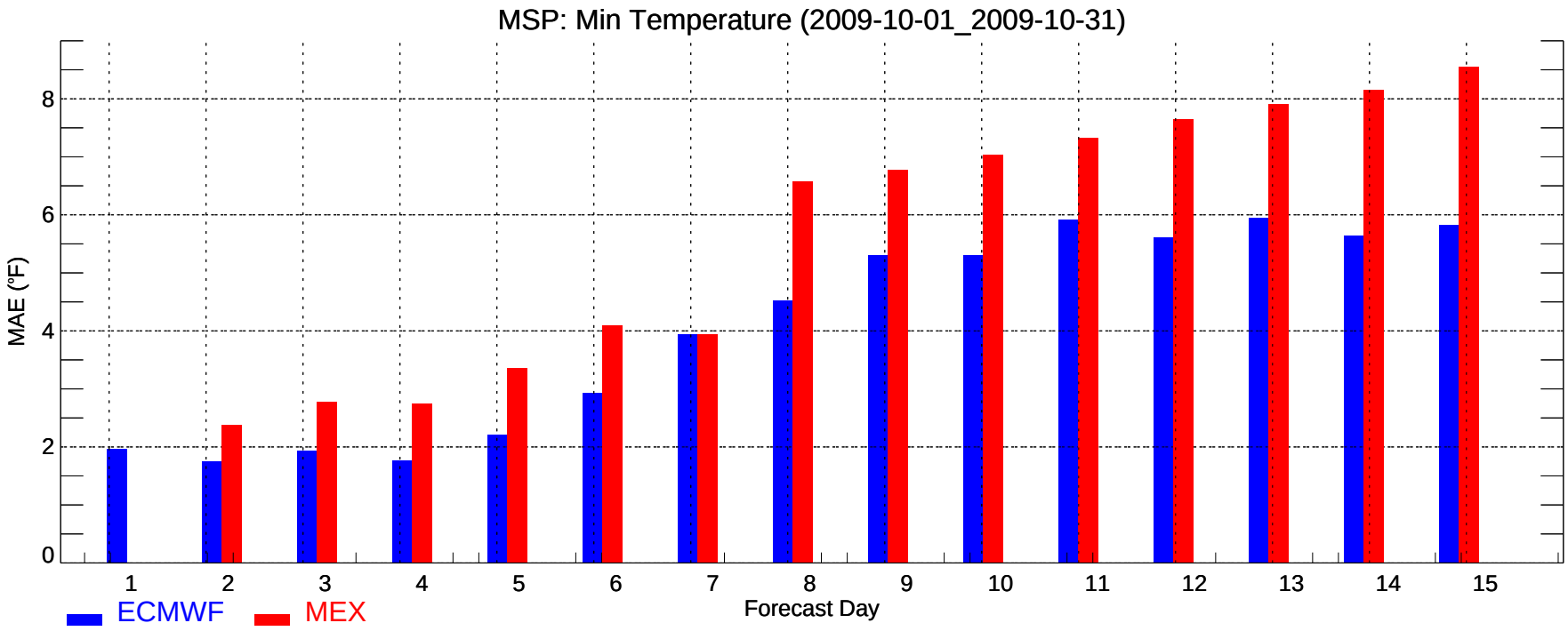
13
14
15
Forecast Day
ECMWF
MEX


MSP: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MSP: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
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6
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8
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10
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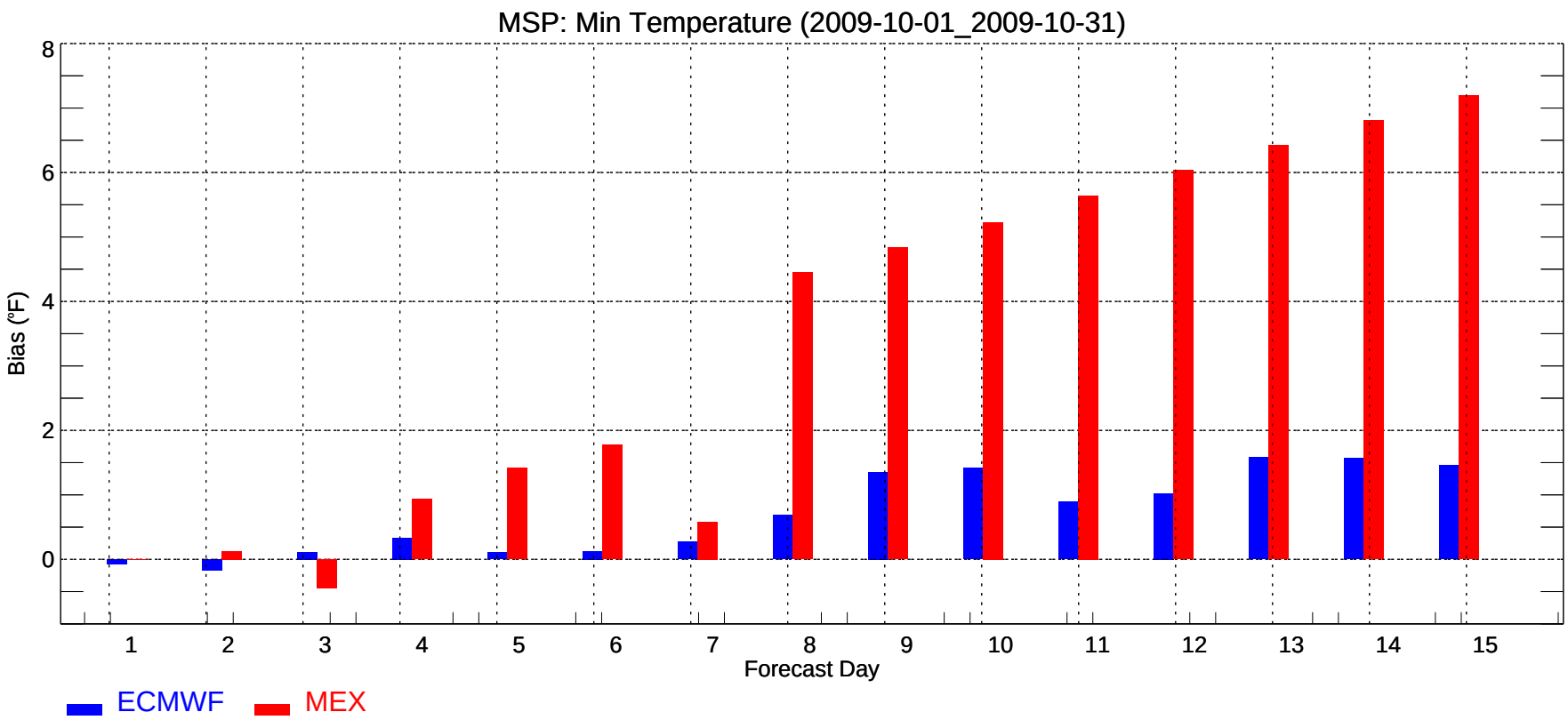
12
13
14
15
Forecast Day
ECMWF
MEX


MSP: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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8
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2
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4
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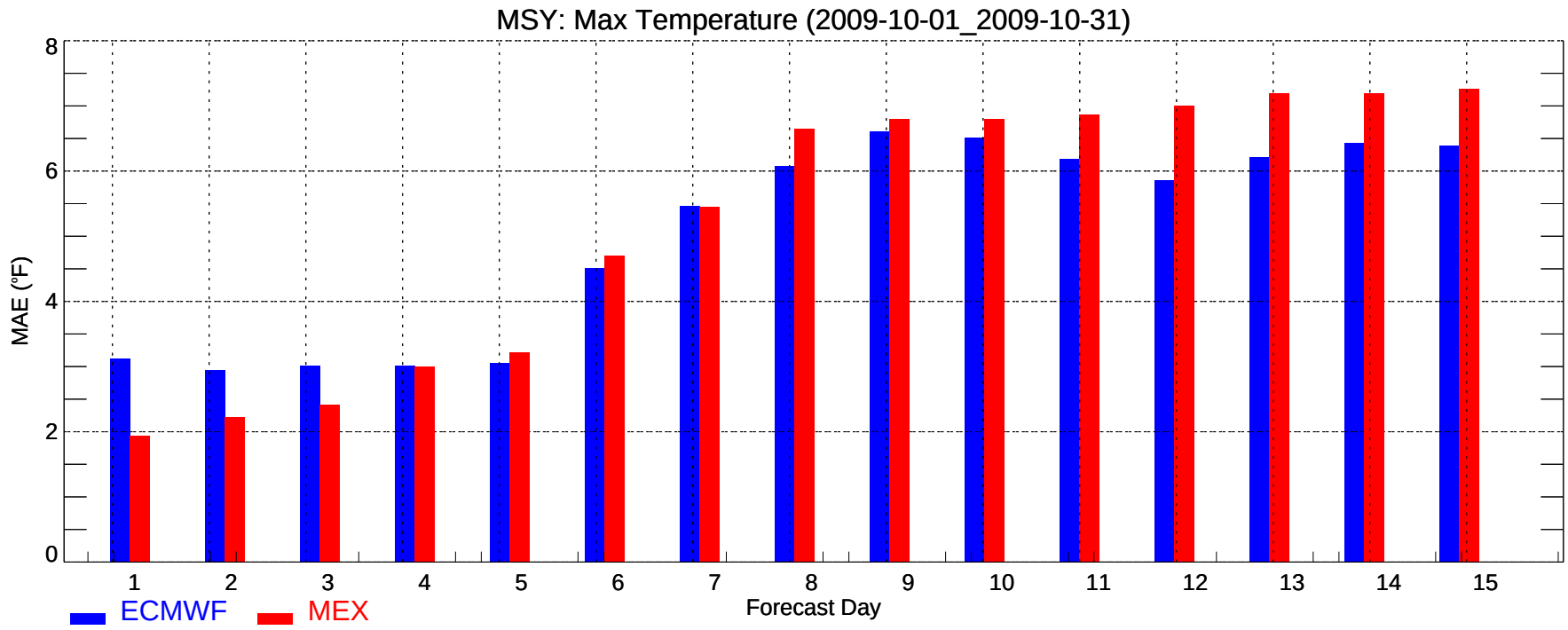
14
15
Forecast Day
ECMWF
MEX


MSY: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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2
4
6
8
1
2
3
4
5
6
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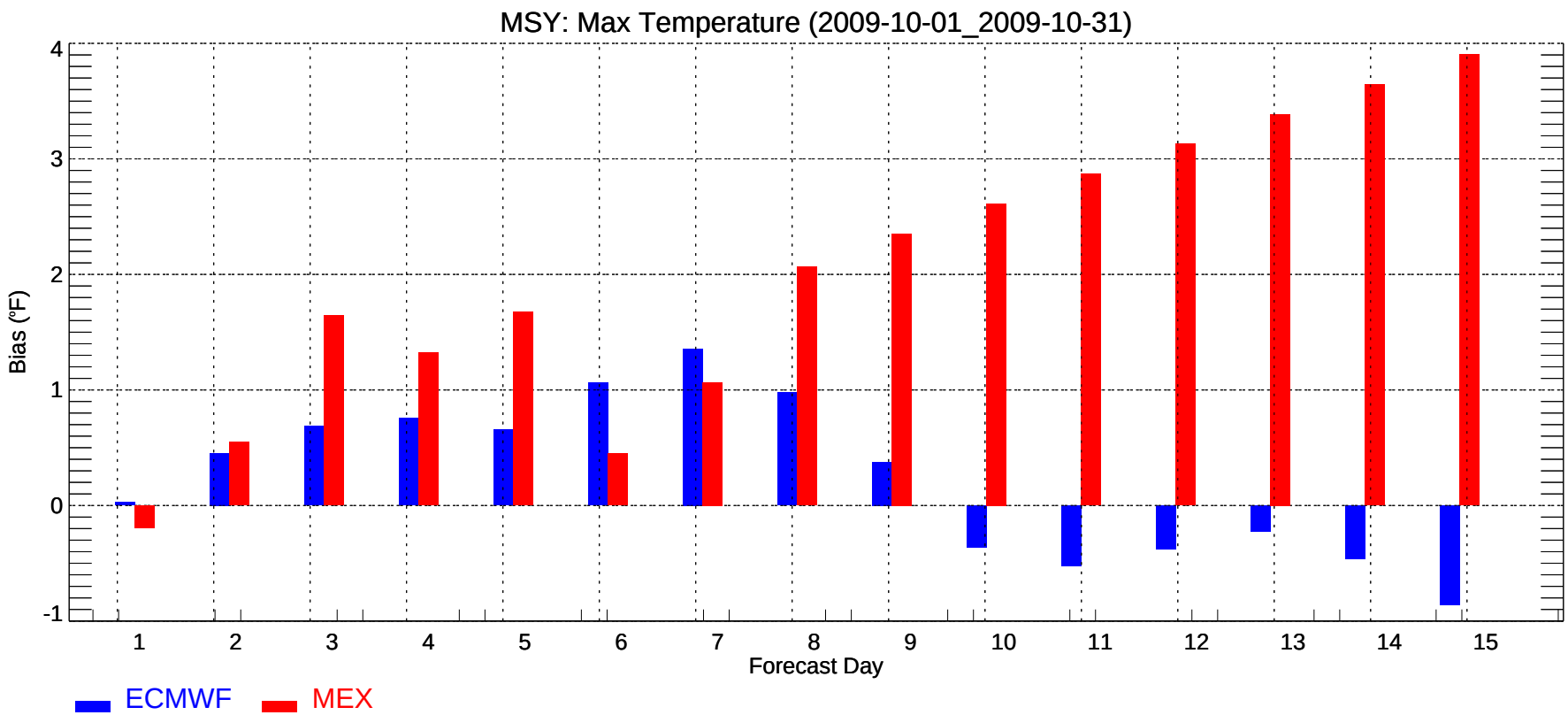
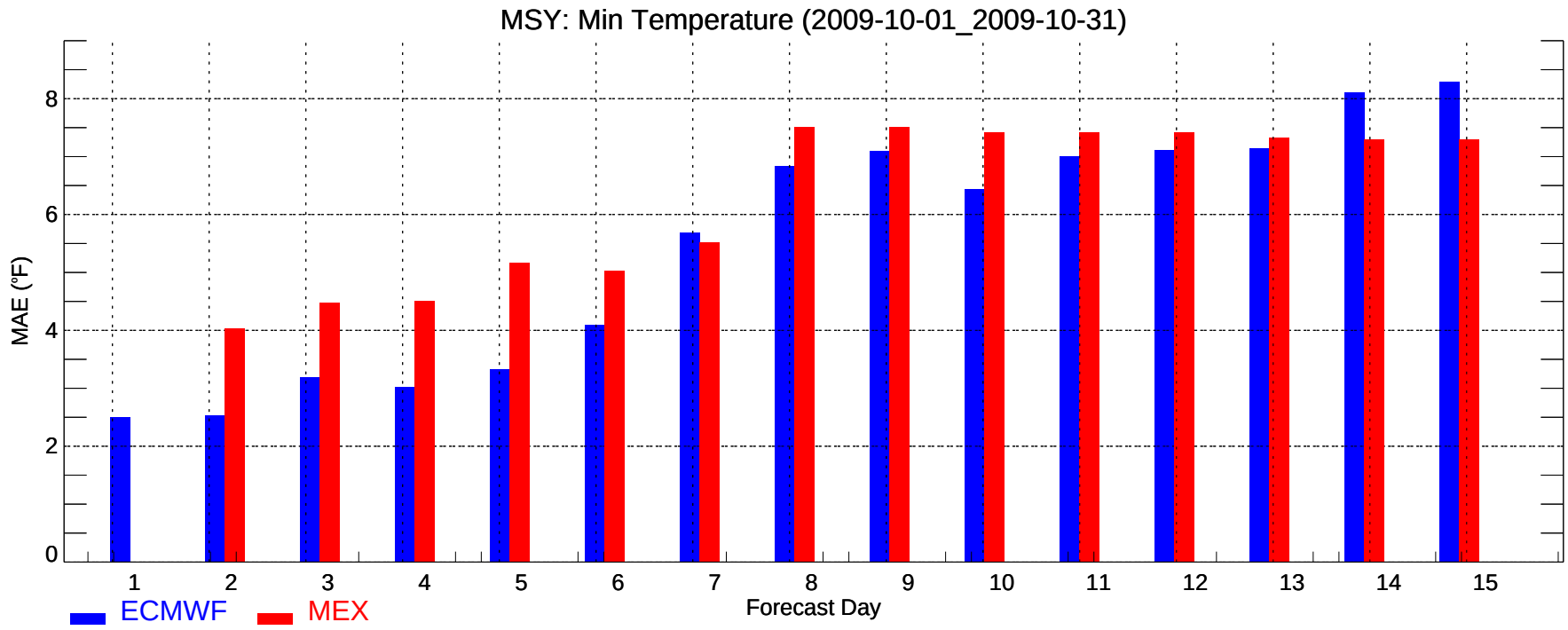
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MSY: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MSY: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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8
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2
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14
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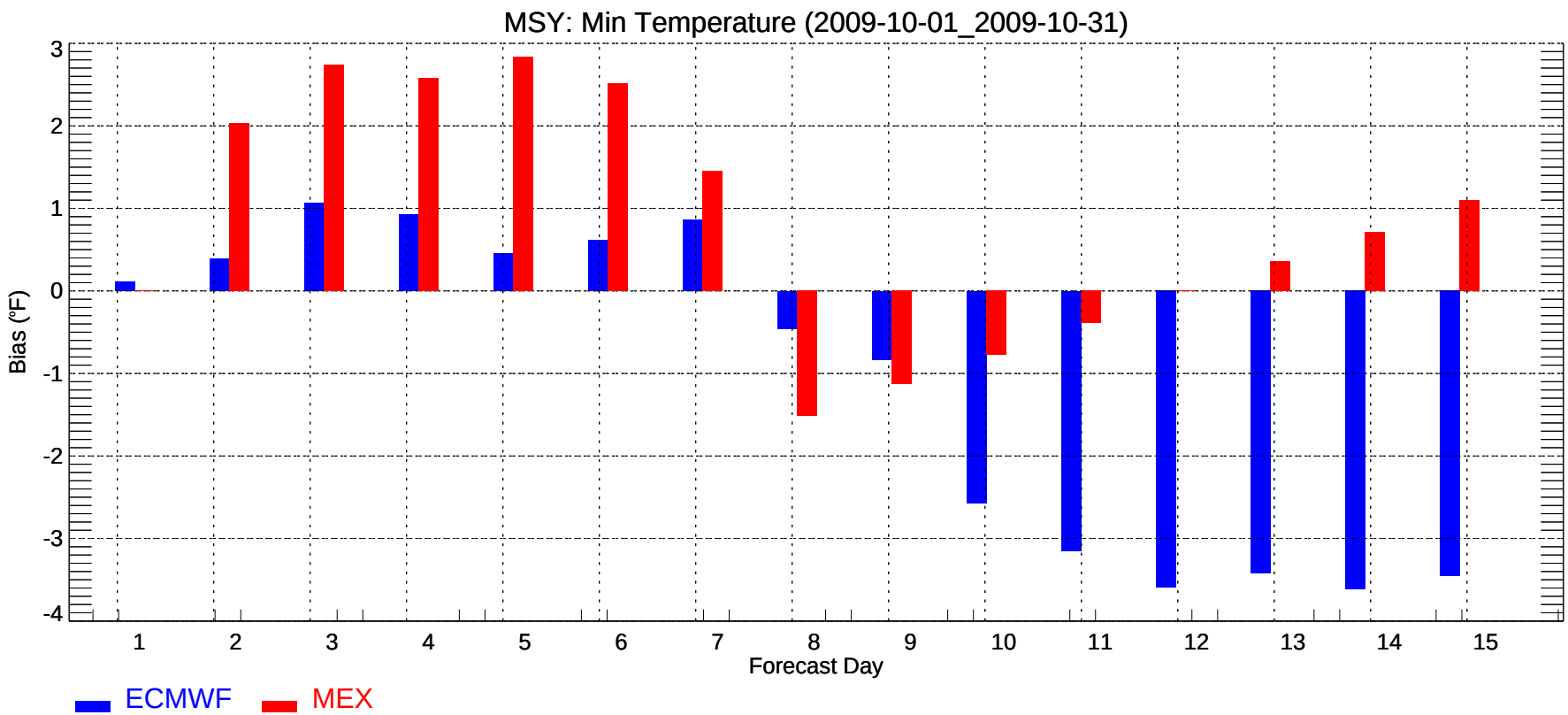
Forecast Day
ECMWF
MEX


MSY: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
3
2
1
0
-1
-2
-3
-4
1
2
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4
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14
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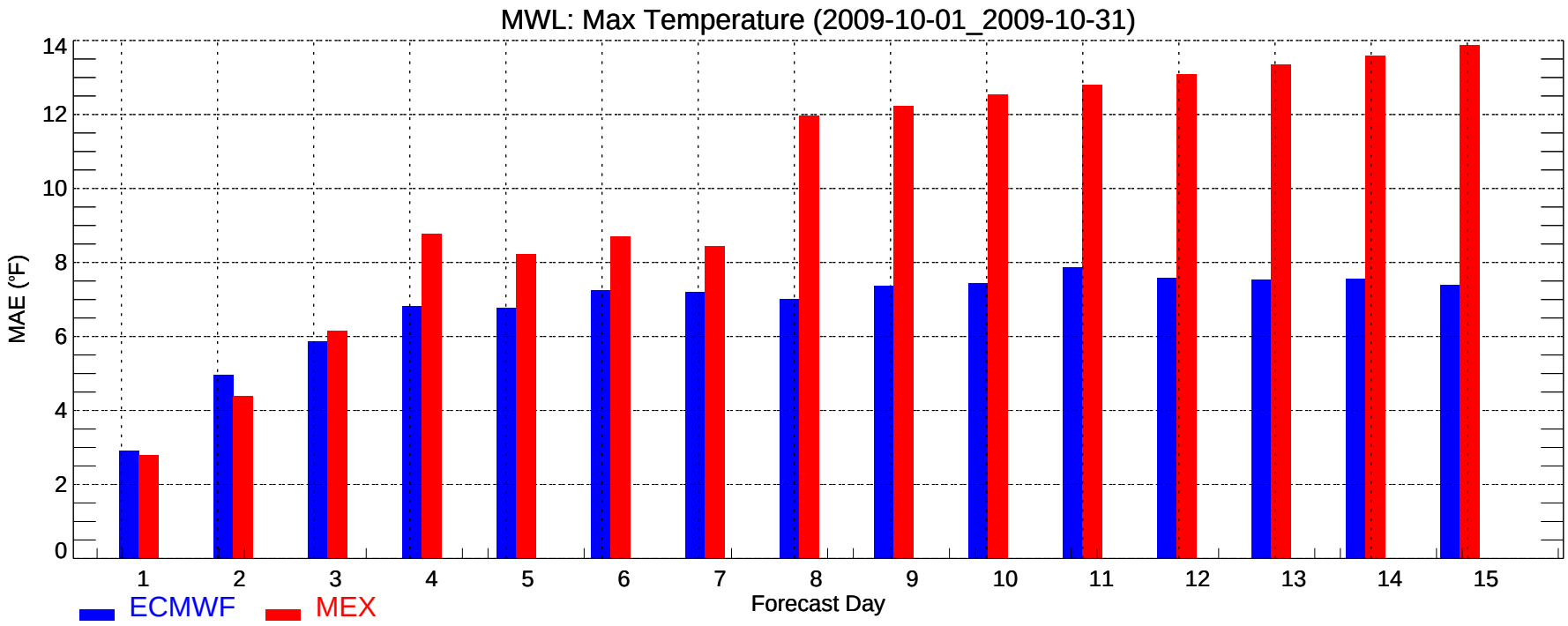
Forecast Day
ECMWF
MEX


MWL: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
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10
12
14
1
2
3
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6
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8
9
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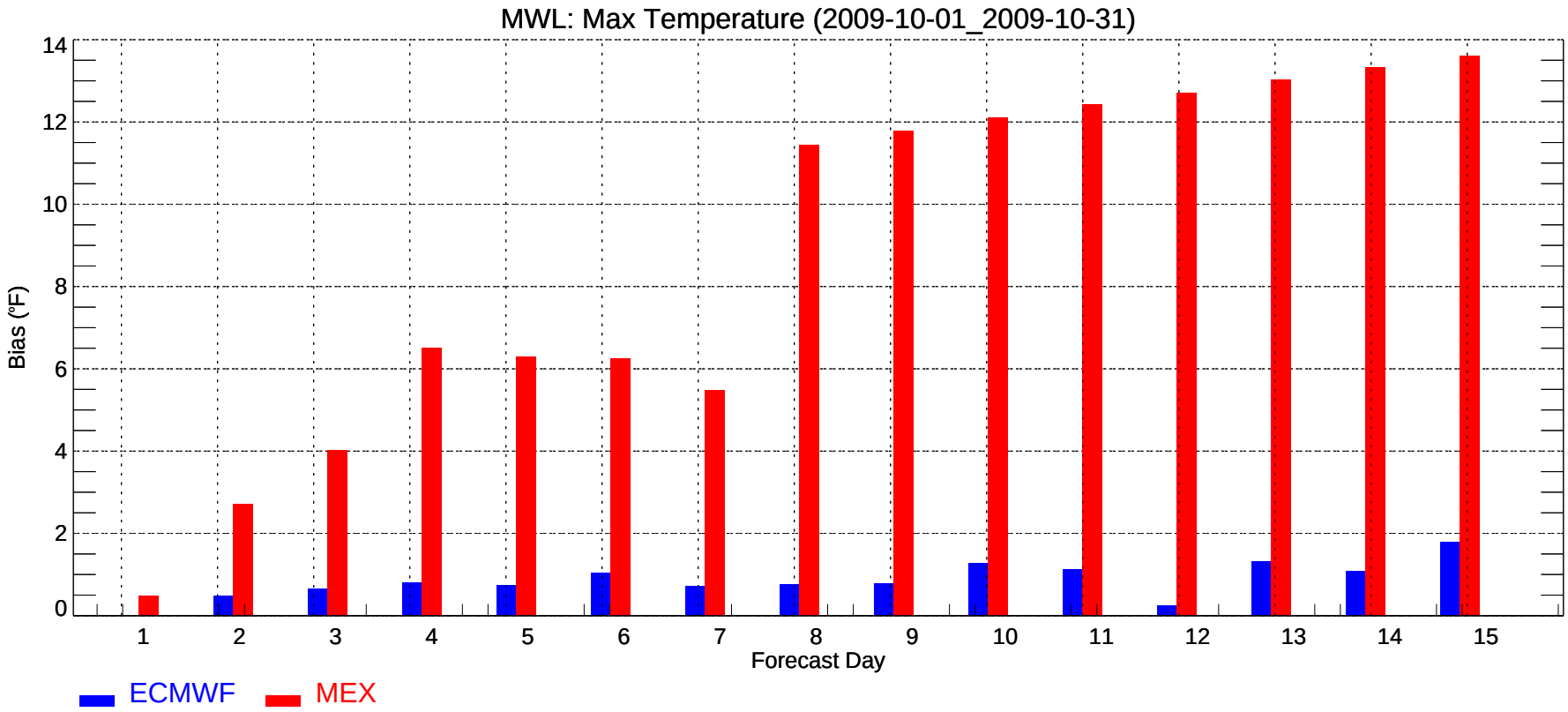
13
14
15
Forecast Day
ECMWF
MEX


MWL: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
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12
14
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2
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6
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8
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10
11
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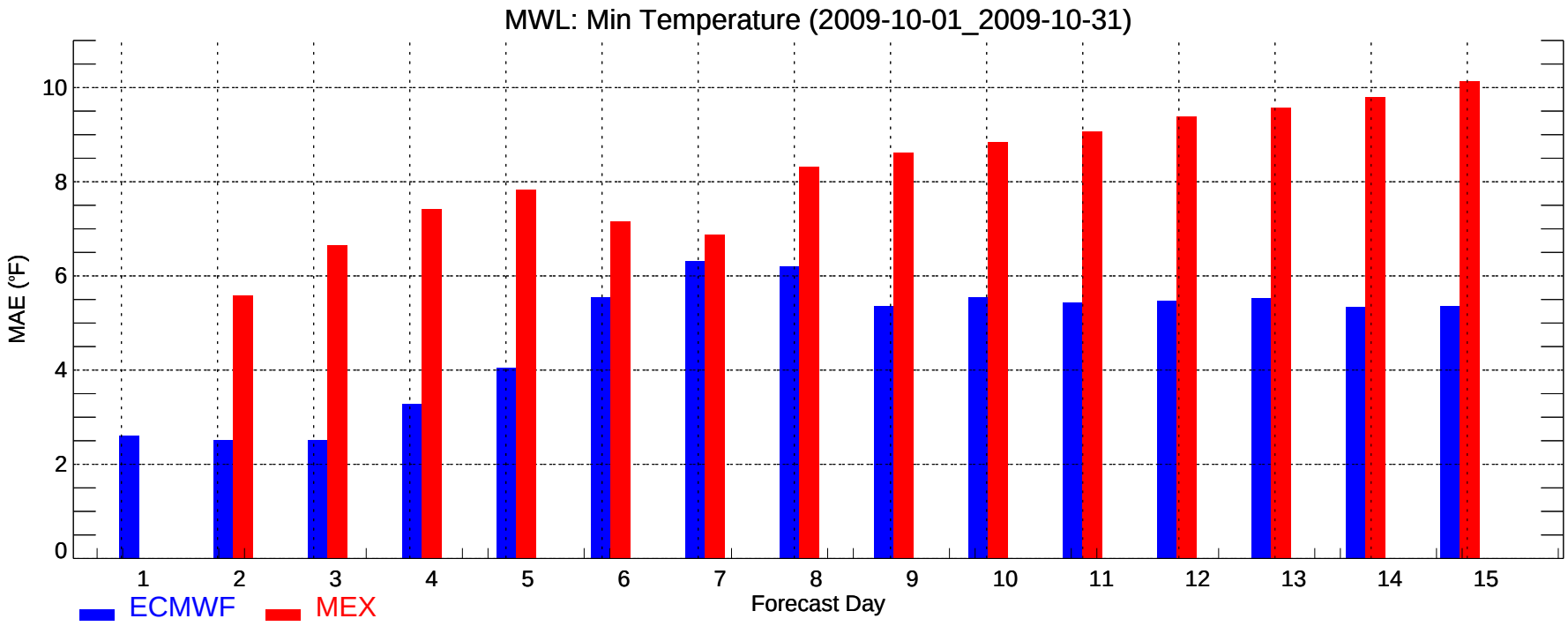
13
14
15
Forecast Day
ECMWF
MEX


MWL: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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6
8
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1
2
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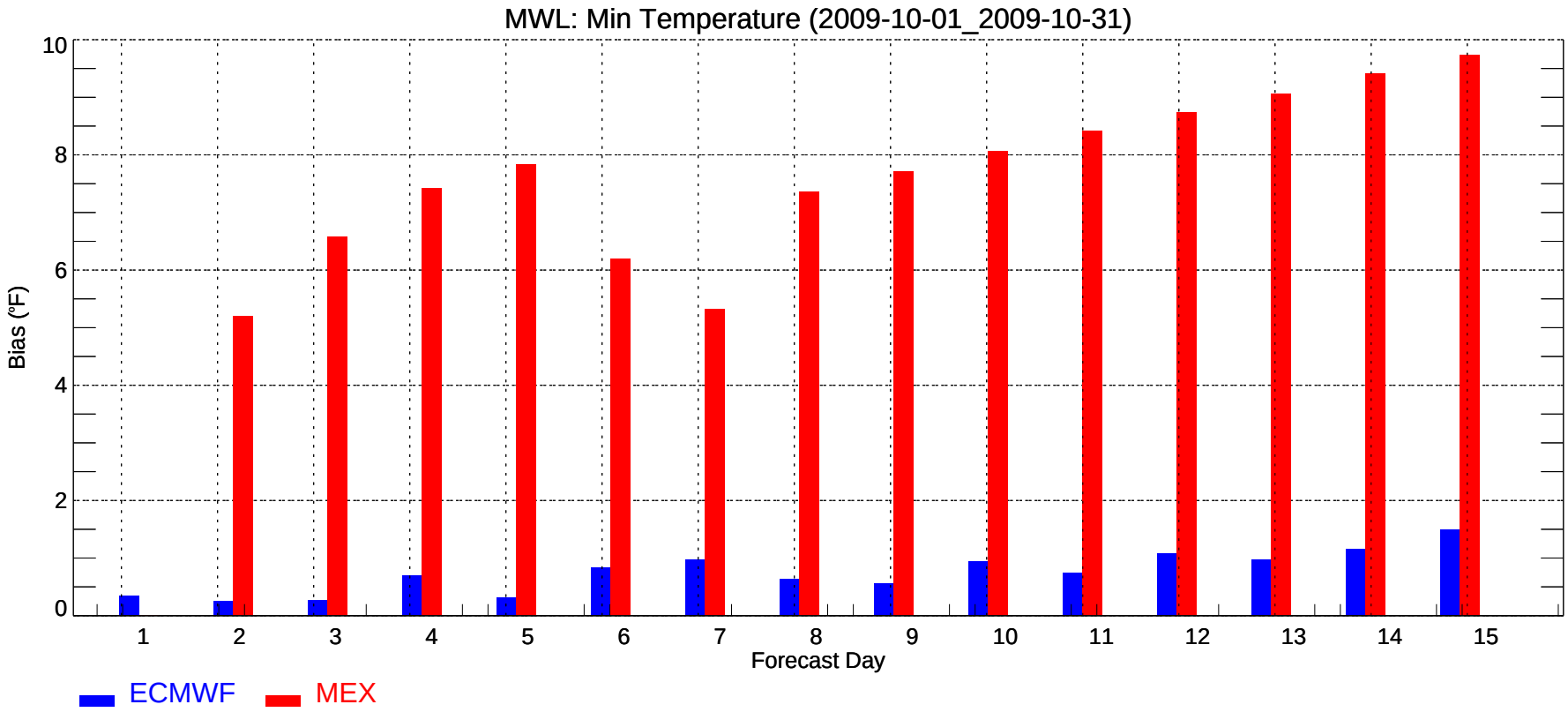
Forecast Day
ECMWF
MEX


MWL: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
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10
1
2
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6
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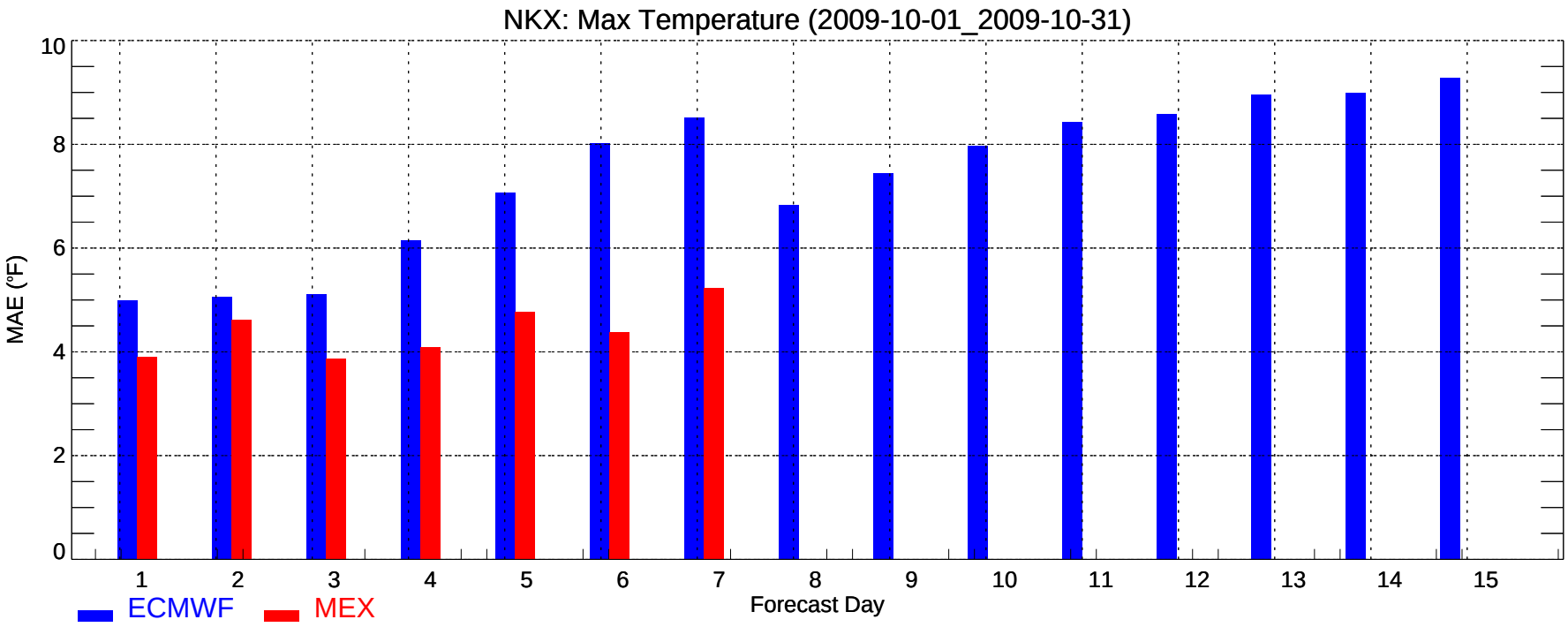
Forecast Day
ECMWF
MEX


NKX: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
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6
7
8
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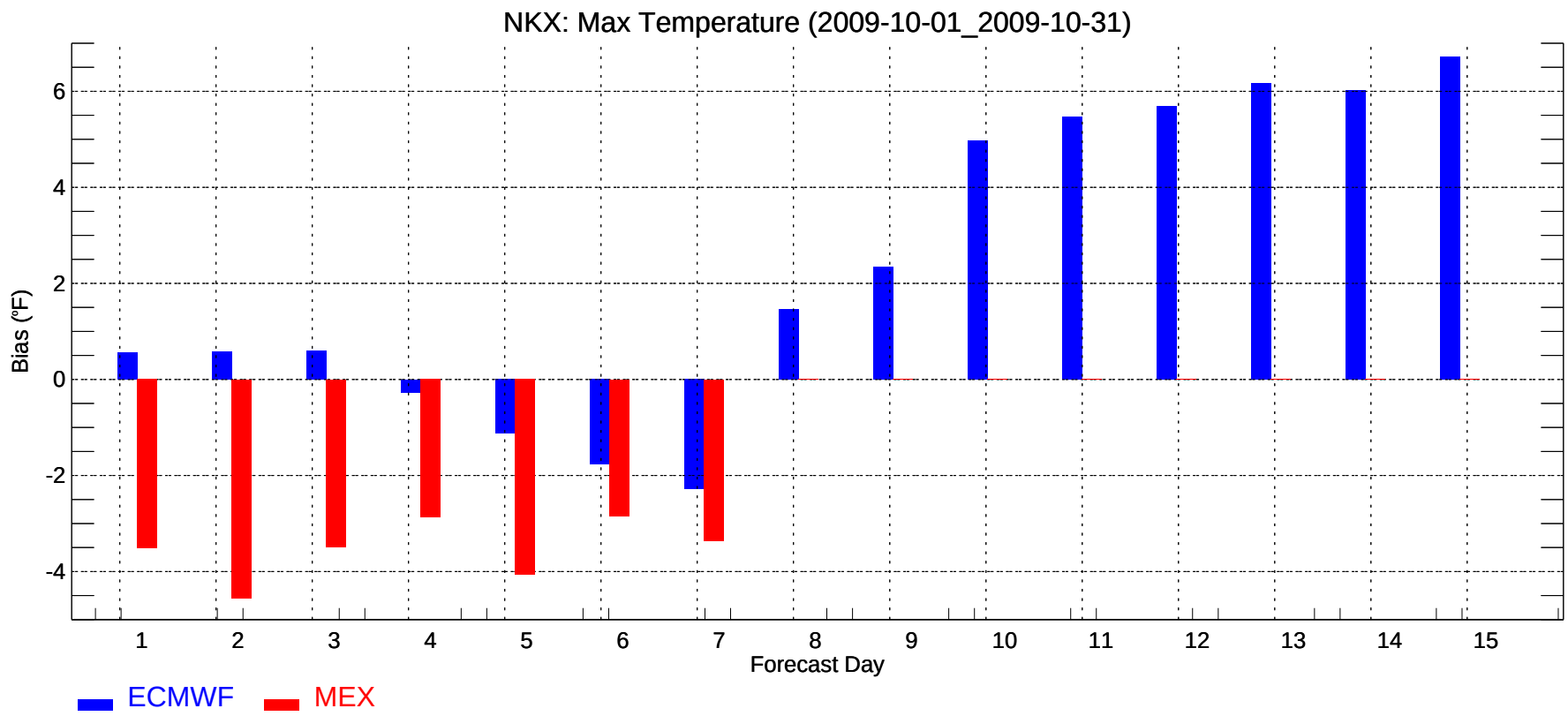
12
13
14
15
Forecast Day
ECMWF
MEX


NKX: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
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6
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8
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10
11
12
13
14
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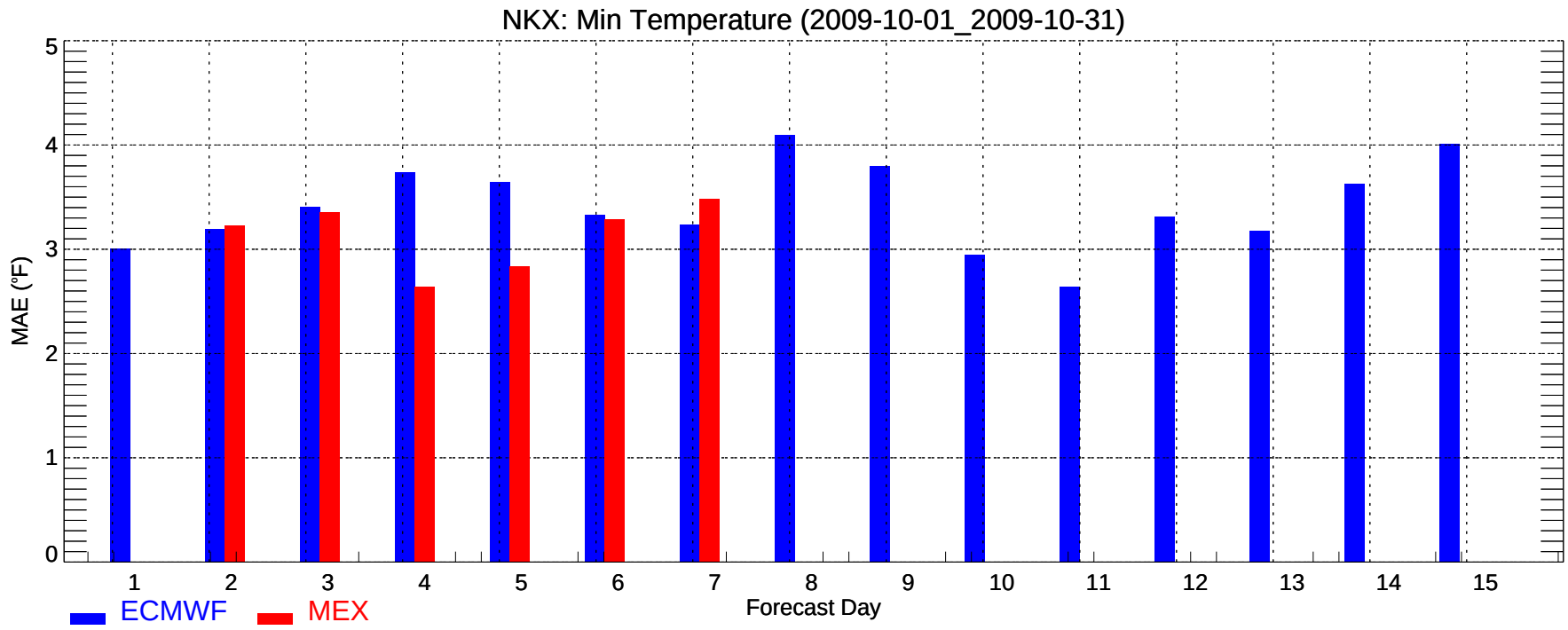
Forecast Day
ECMWF
MEX


NKX: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
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1
2
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8
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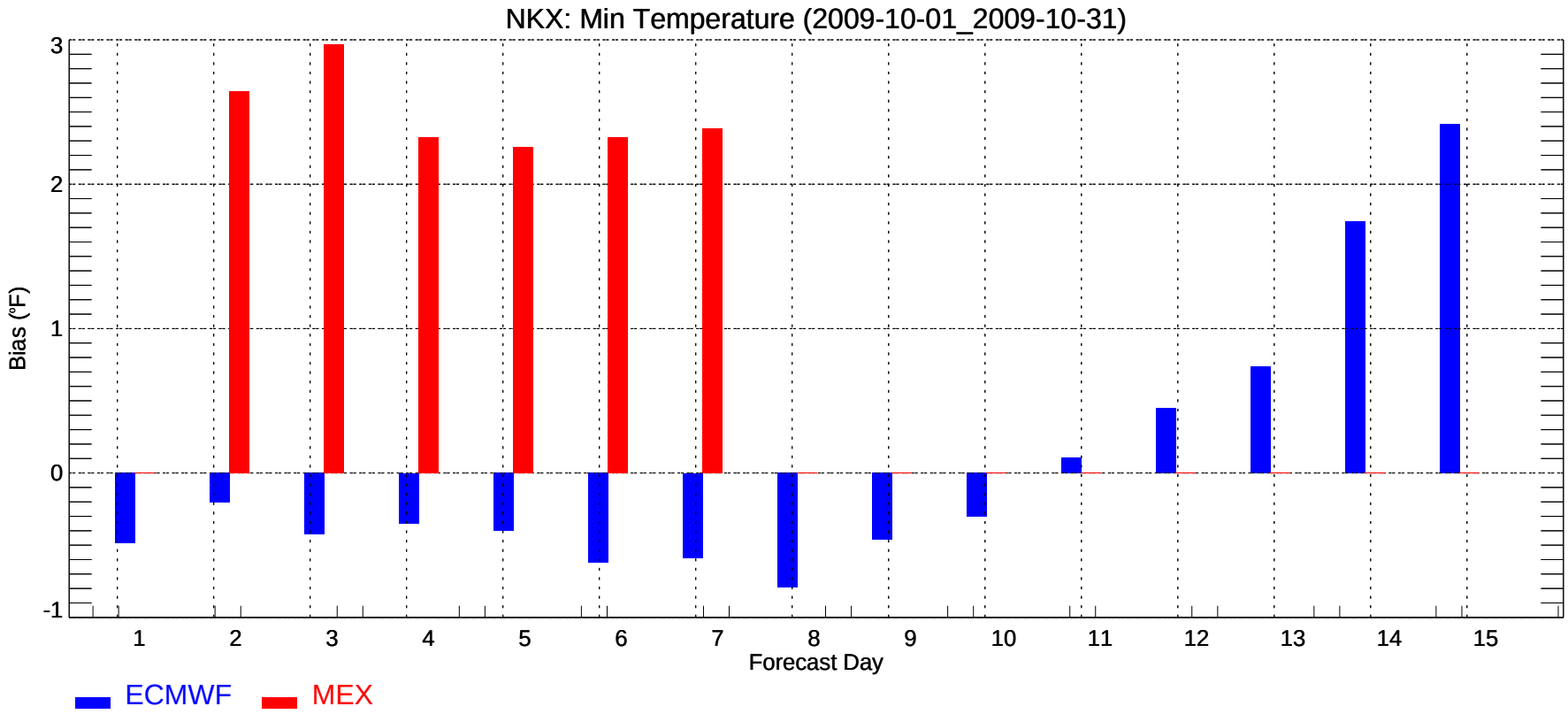
Forecast Day
ECMWF
MEX


NKX: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
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1
2
3
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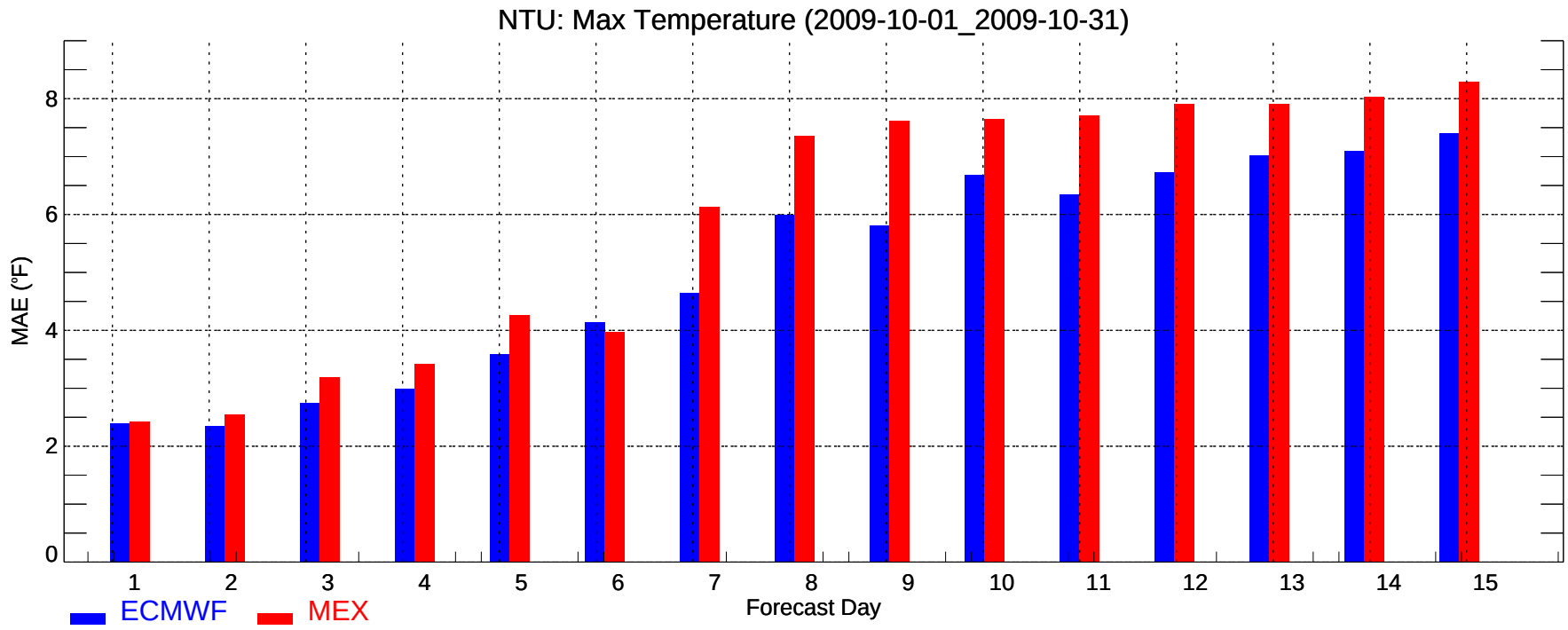
Forecast Day
ECMWF
MEX


NTU: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
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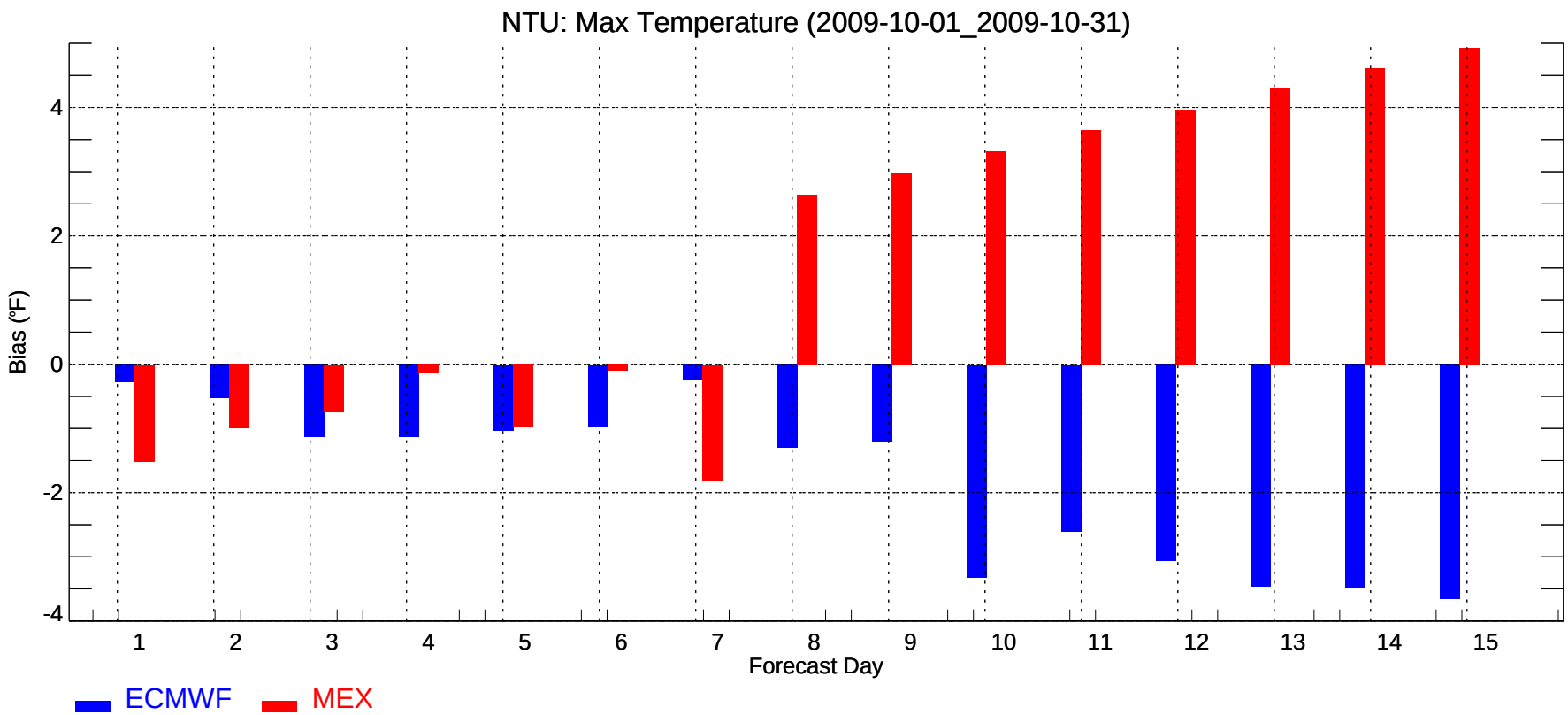
15
Forecast Day
ECMWF
MEX


NTU: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-4
-2
0
2
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1
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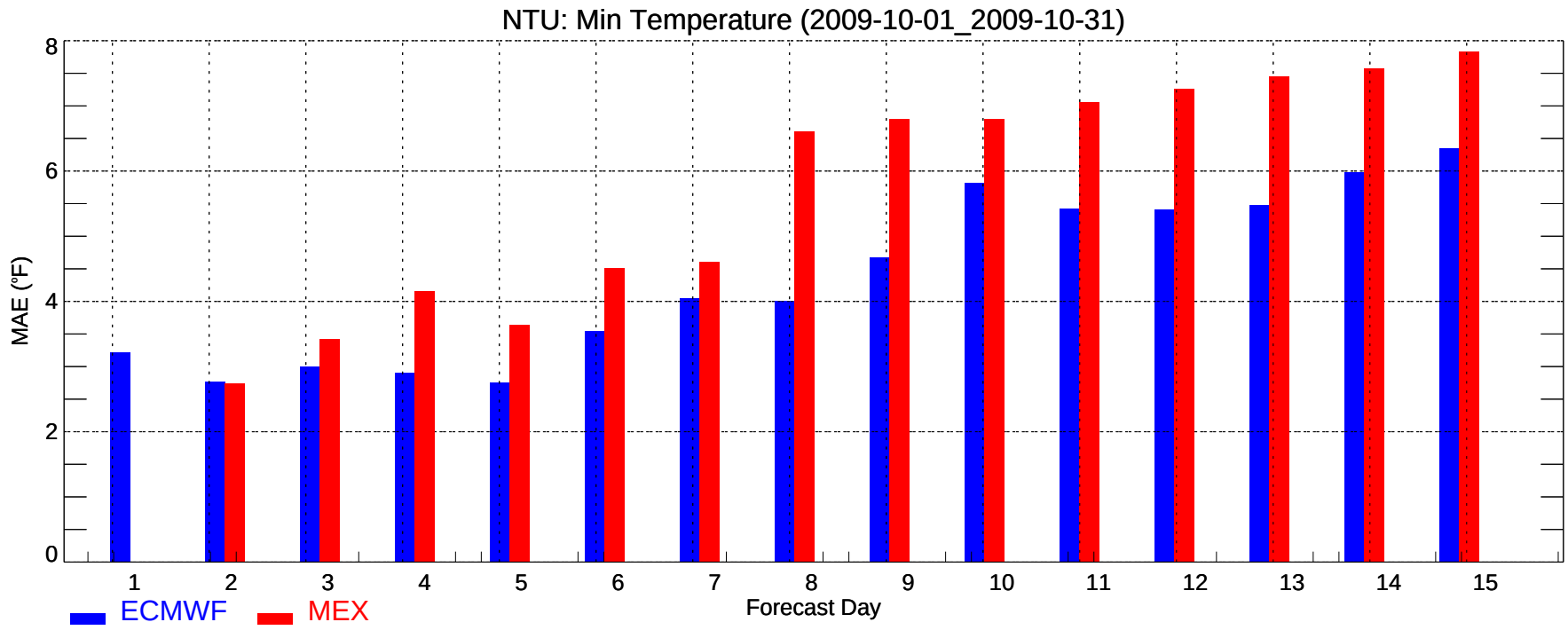
Forecast Day
ECMWF
MEX


NTU: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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8
1
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3
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13
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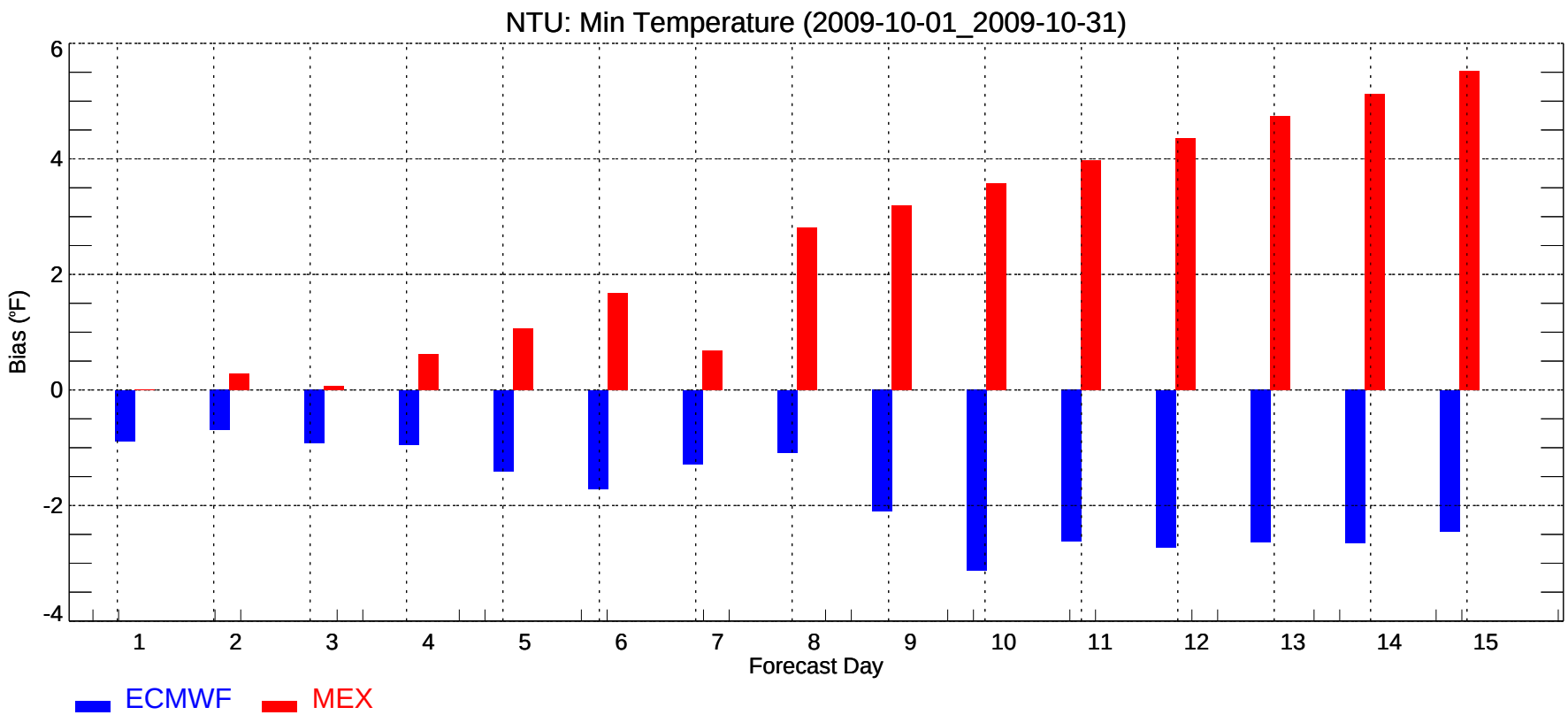
15
Forecast Day
ECMWF
MEX


NTU: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-4
-2
0
2
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6
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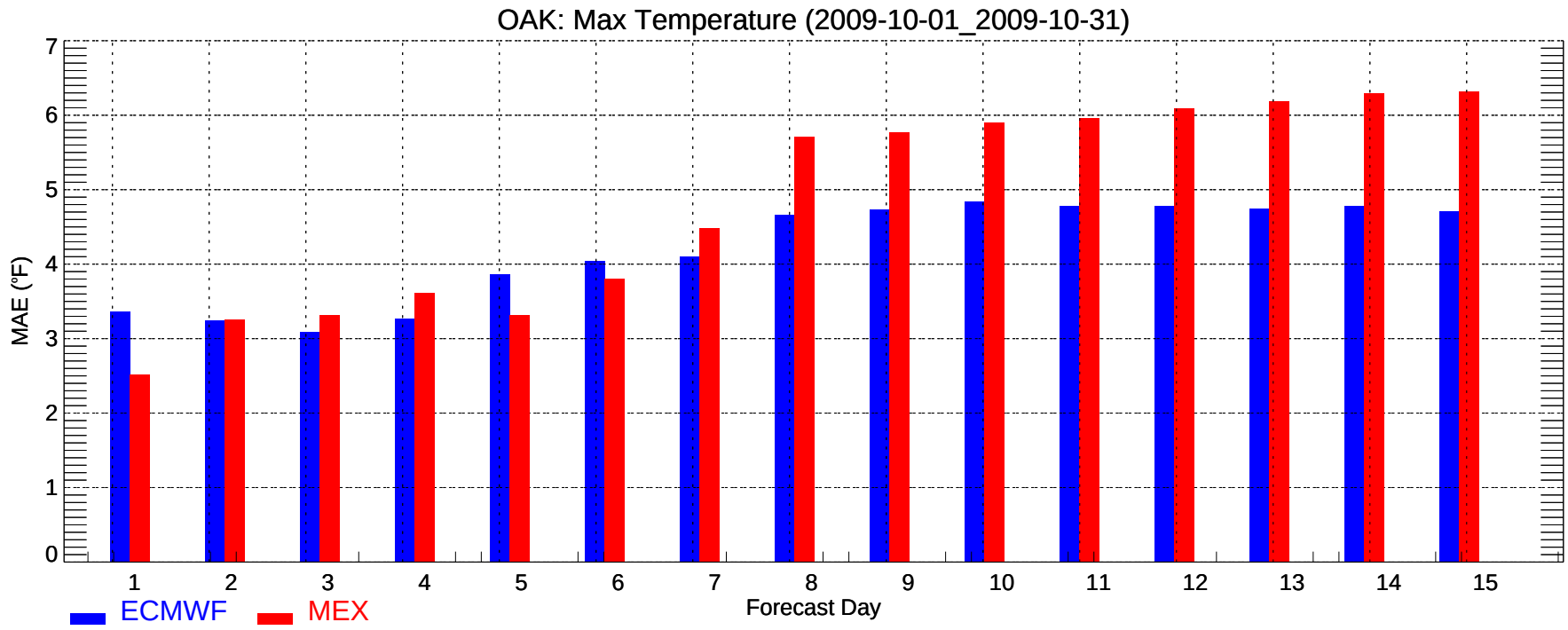
Forecast Day
ECMWF
MEX


OAK: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
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5
6
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11
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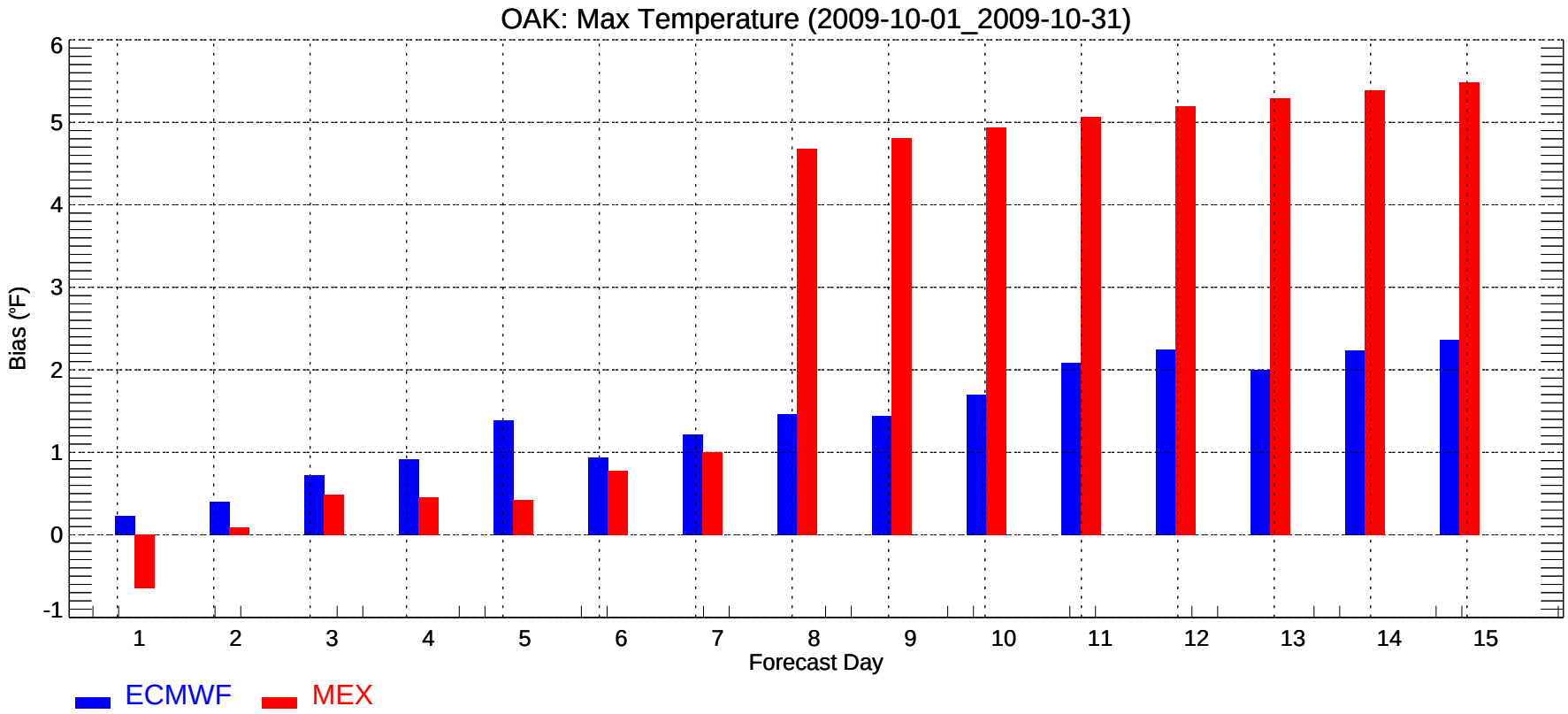
14
15
Forecast Day
ECMWF
MEX


OAK: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
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6
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2
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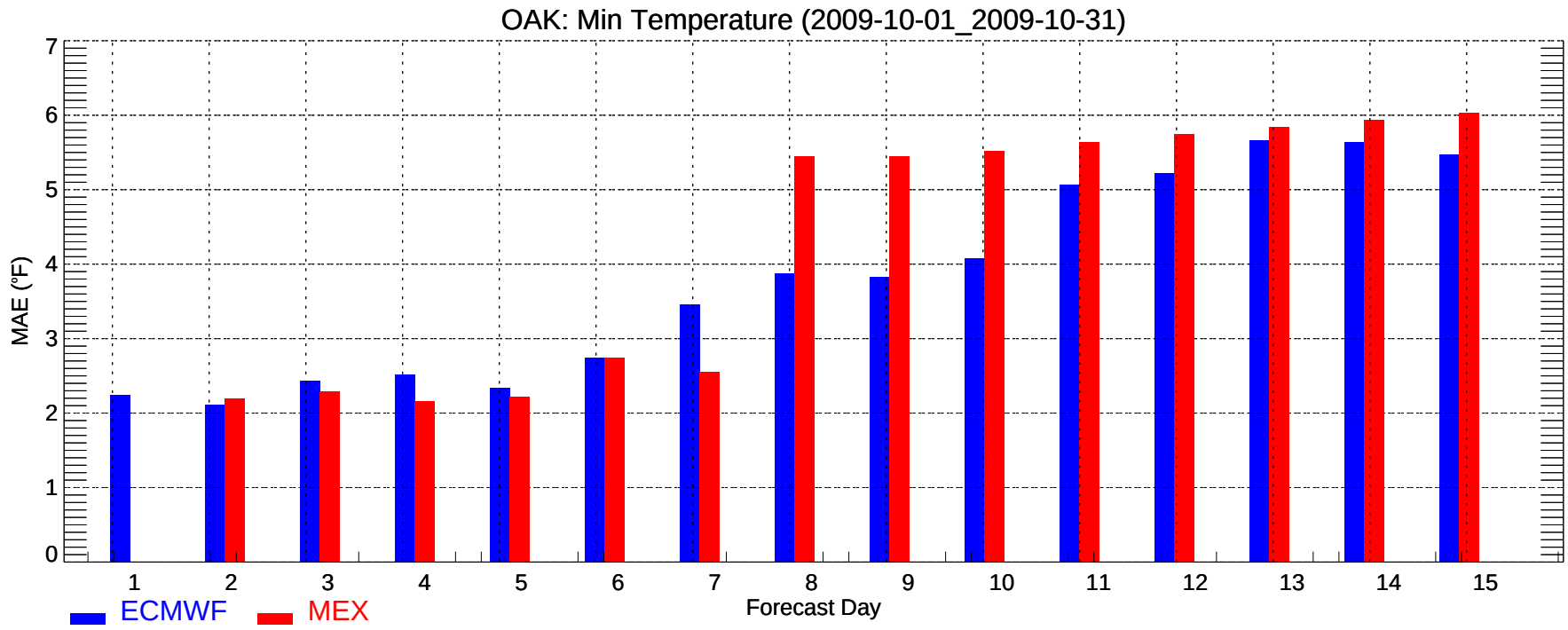
Forecast Day
ECMWF
MEX


OAK: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
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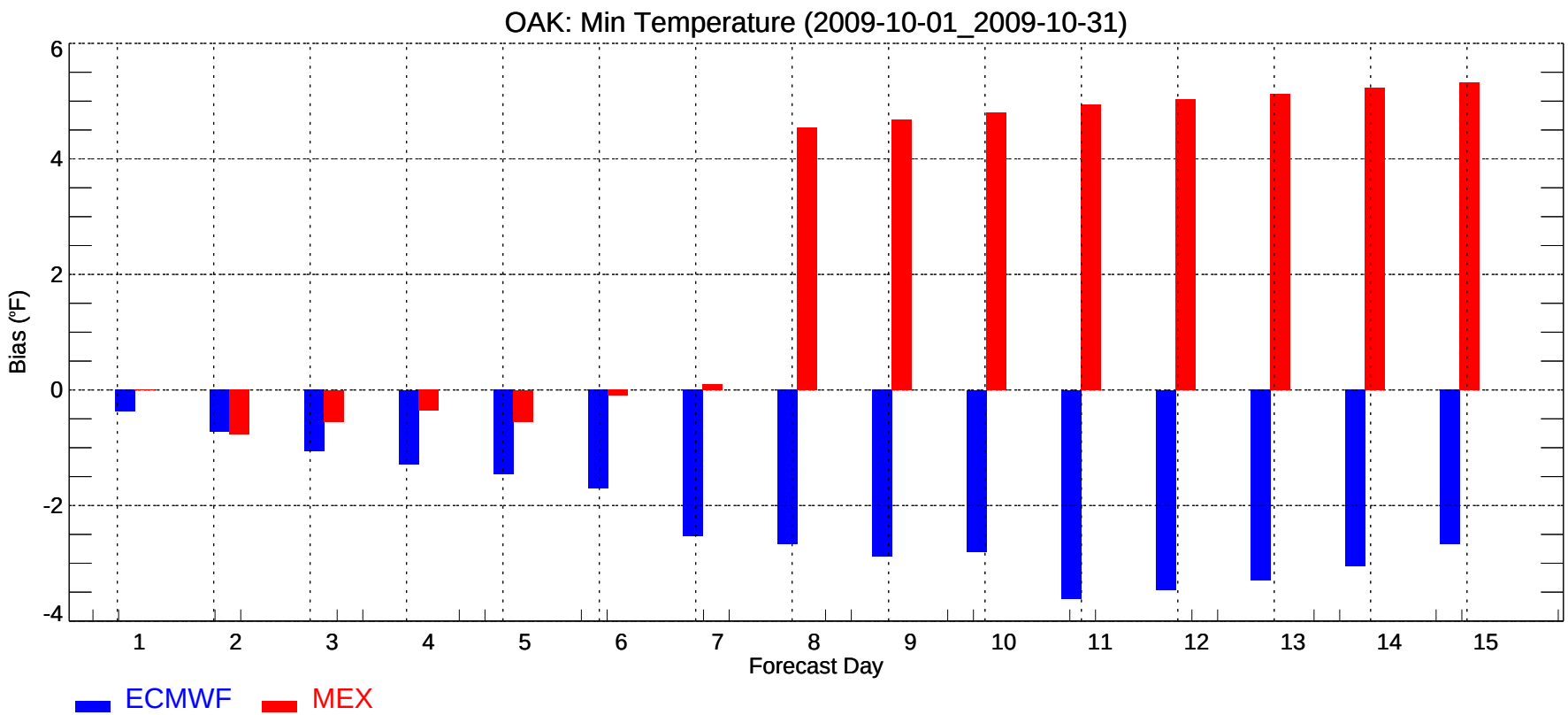
Forecast Day
ECMWF
MEX


OAK: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-4
-2
0
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6
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2
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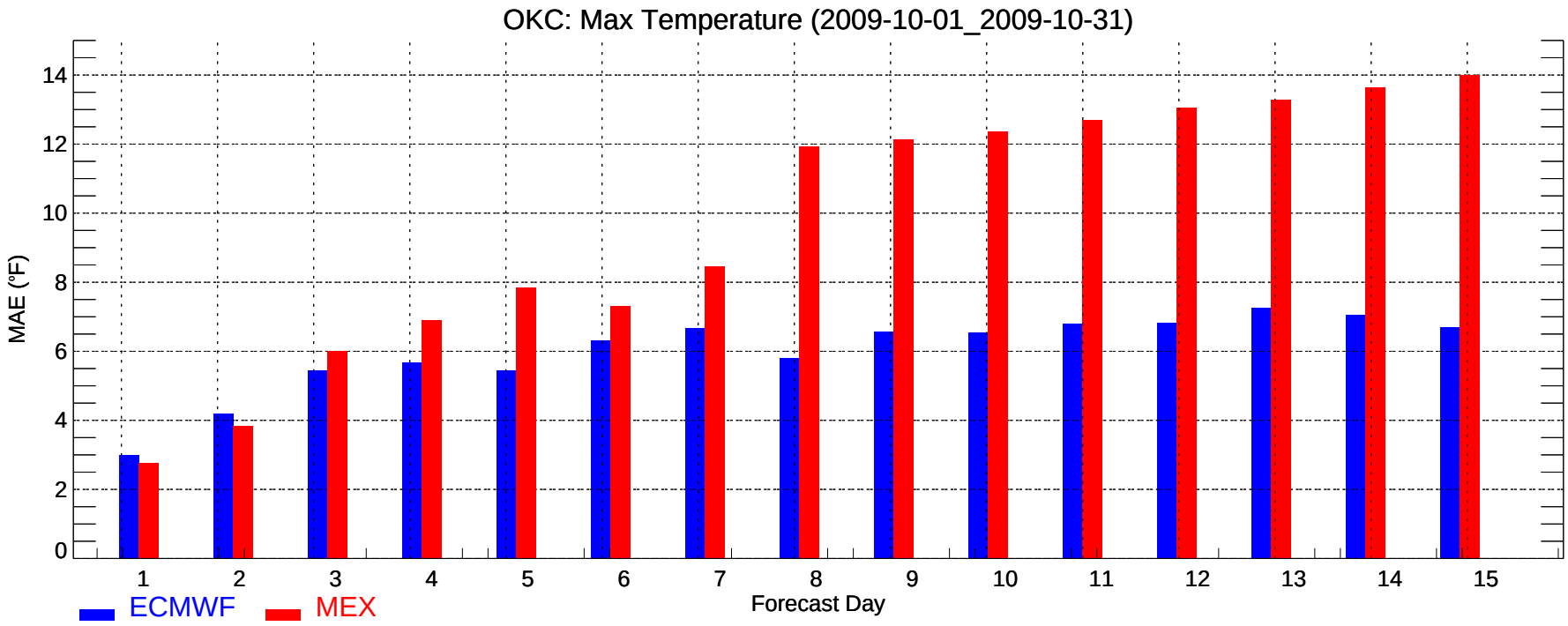
Forecast Day
ECMWF
MEX


OKC: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
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8
10
12
14
1
2
3
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5
6
7
8
9
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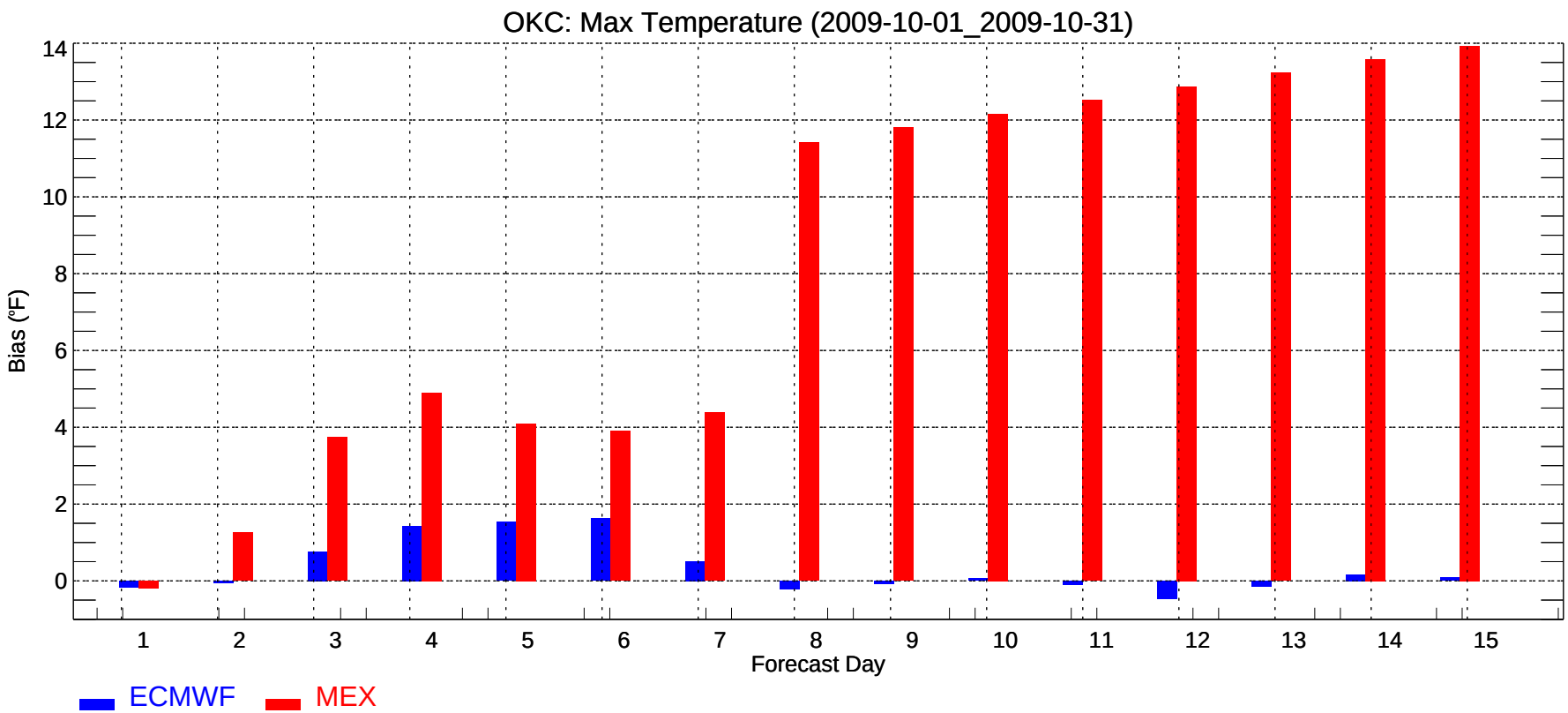
11
12
13
14
15
Forecast Day
ECMWF
MEX


OKC: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
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8
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12
14
1
2
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4
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9
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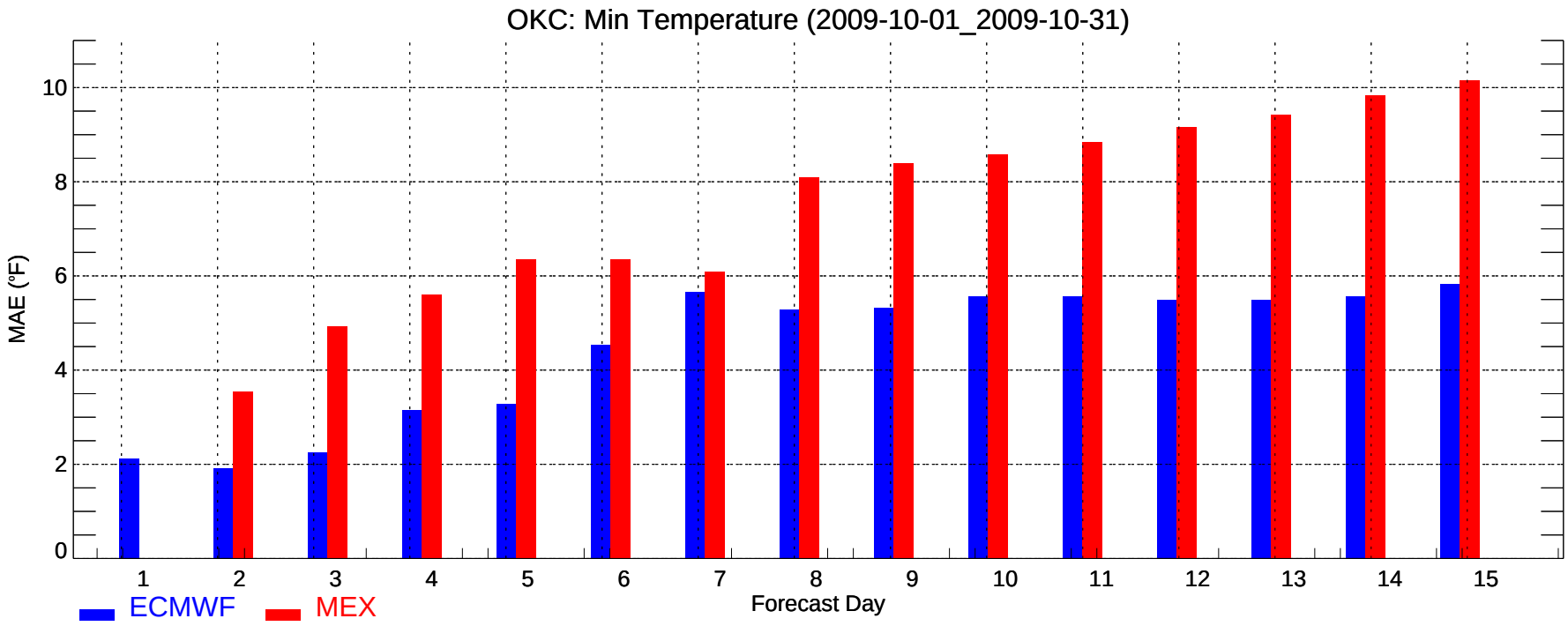
14
15
Forecast Day
ECMWF
MEX


OKC: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
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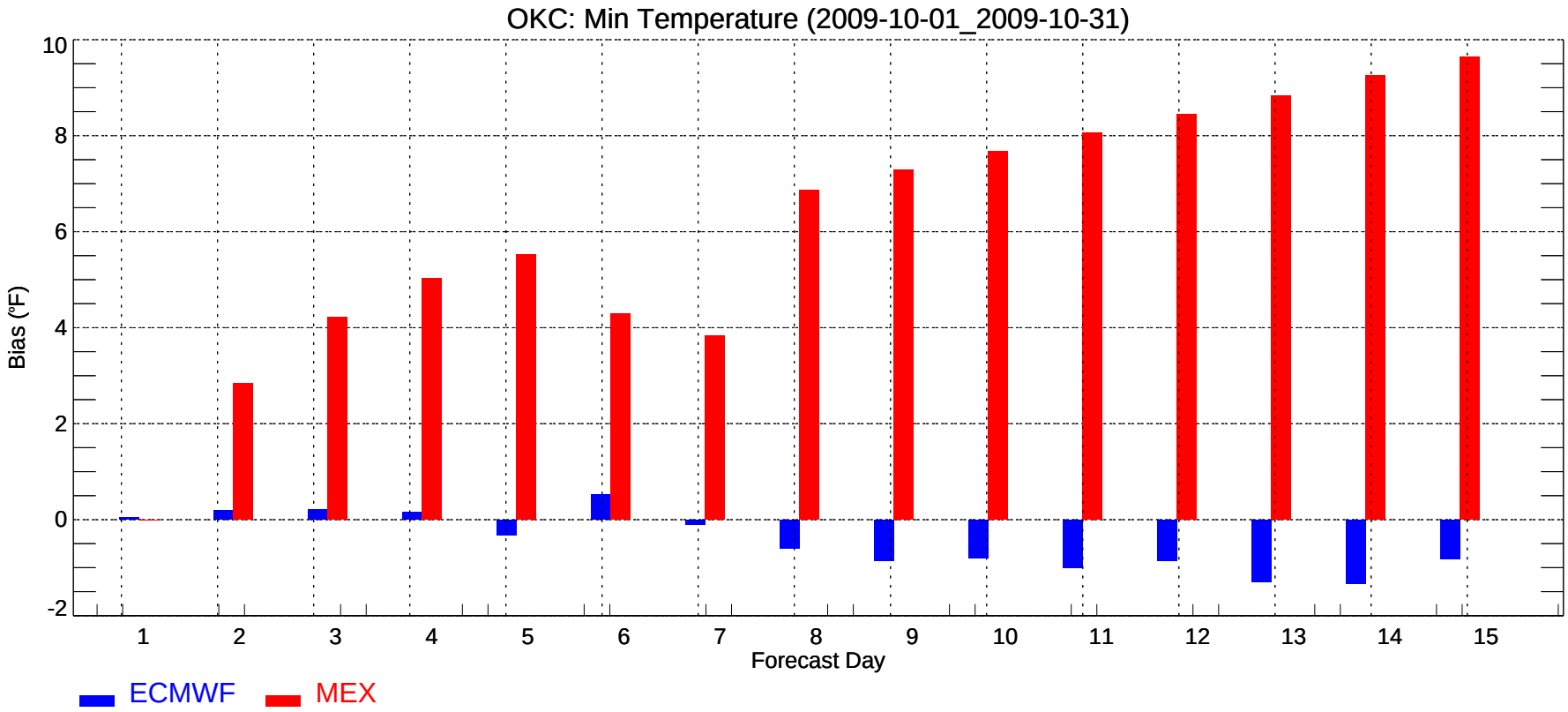
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OKC: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
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5
6
7
8
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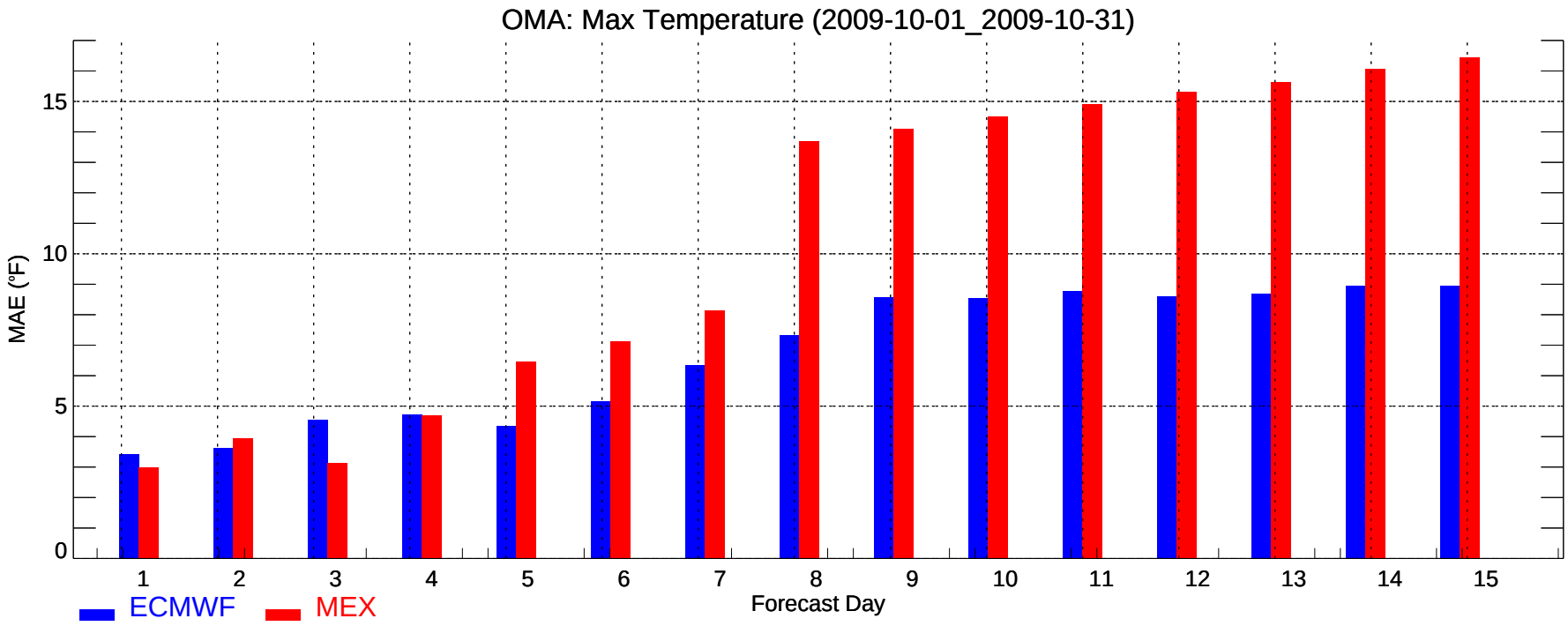
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OMA: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
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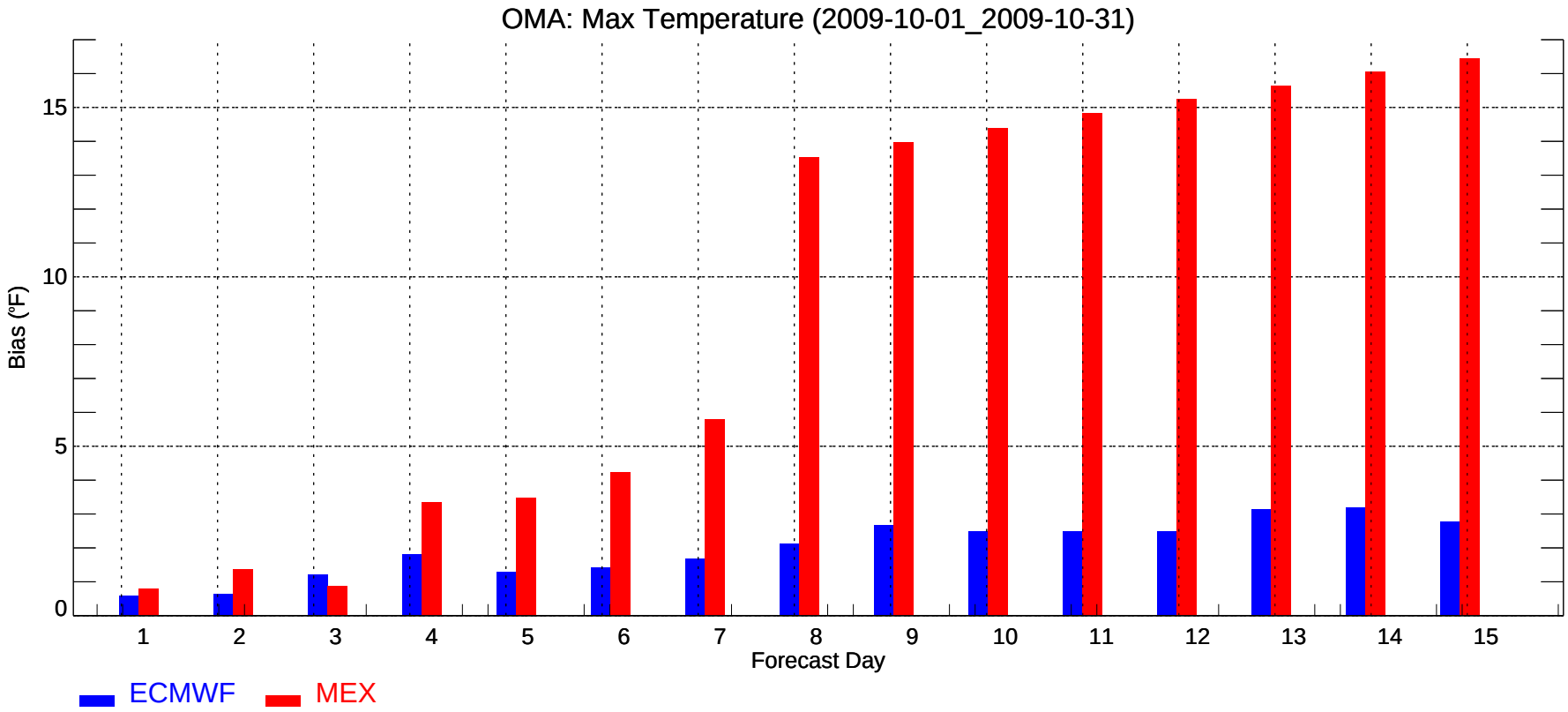
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


OMA: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
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8
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10
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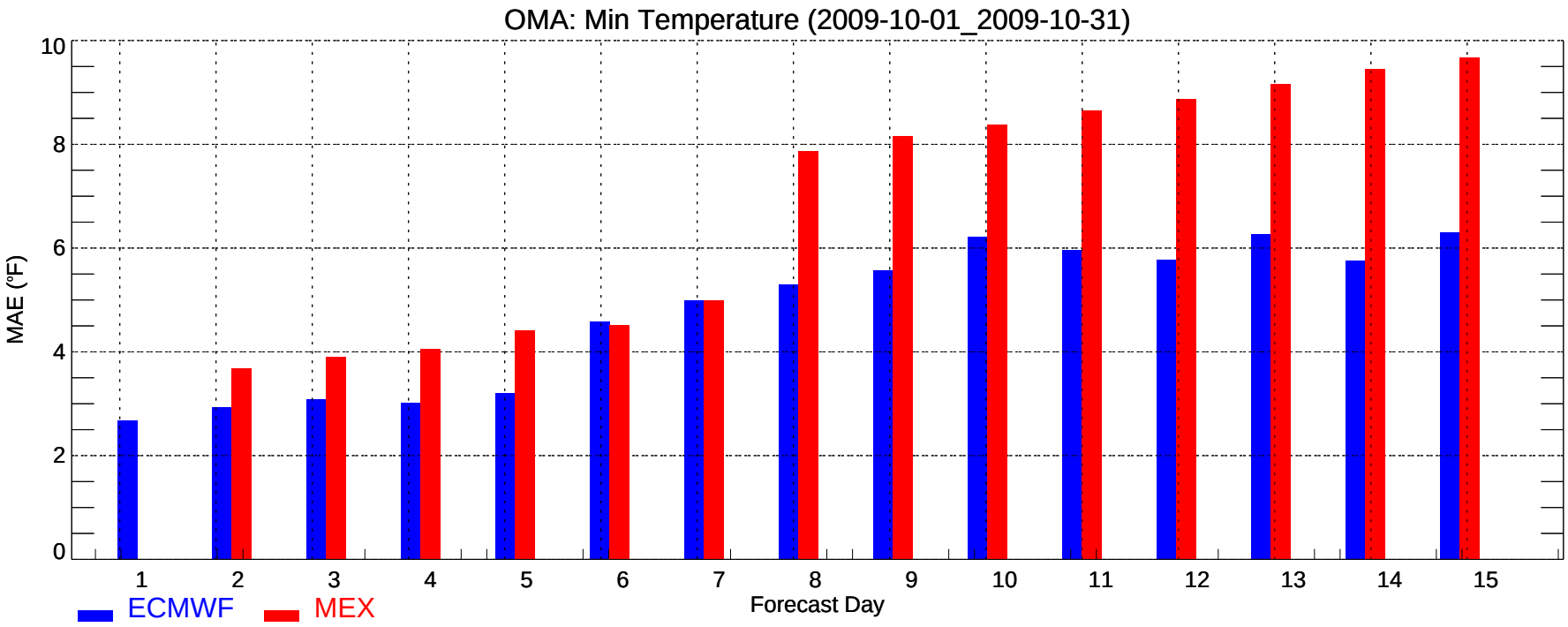
12
13
14
15
Forecast Day
ECMWF
MEX


OMA: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
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8
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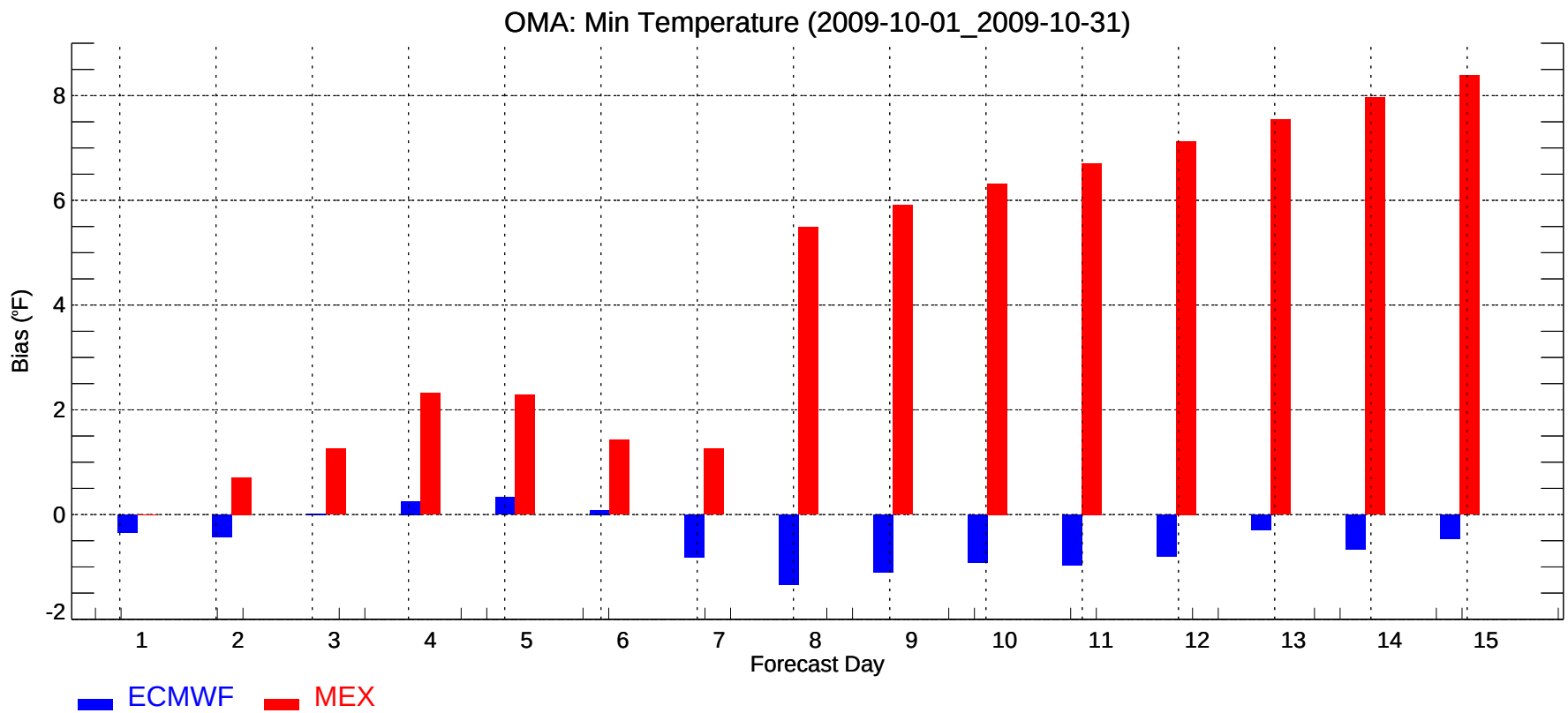
12
13
14
15
Forecast Day
ECMWF
MEX


OMA: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
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8
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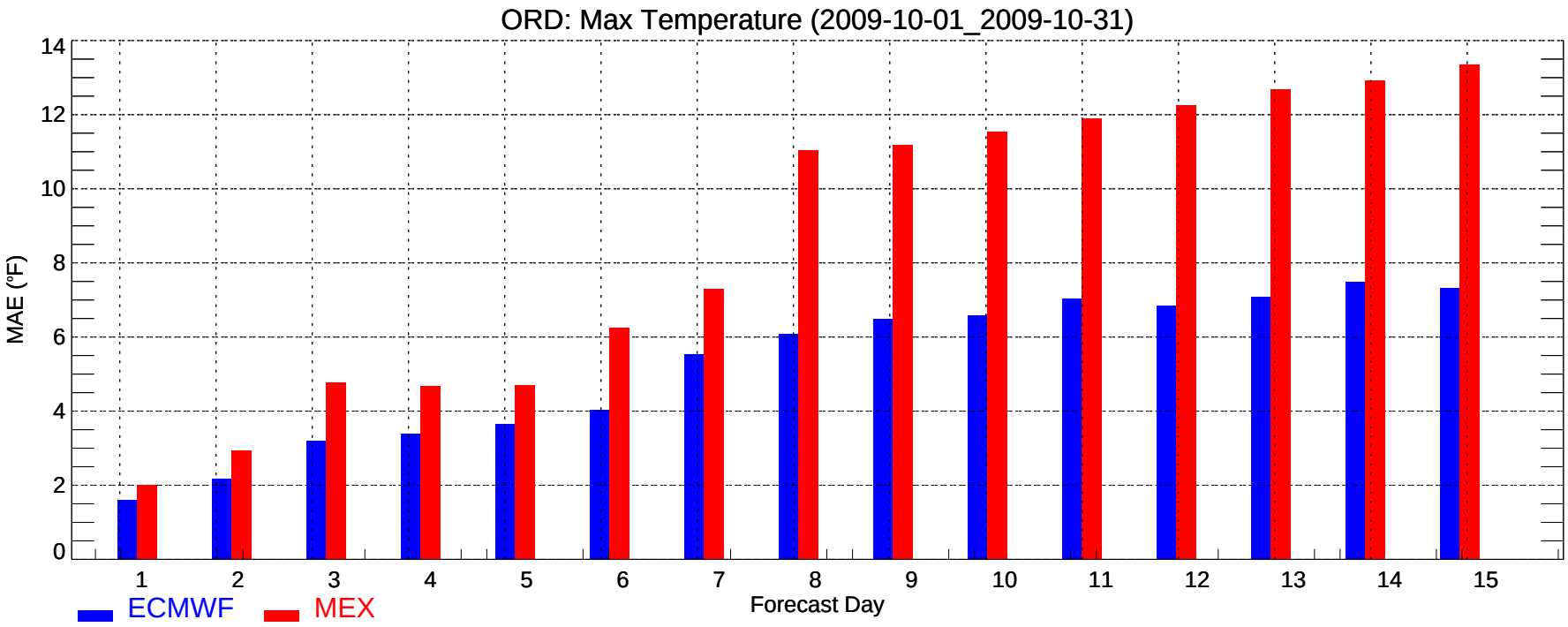
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORD: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
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5
6
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8
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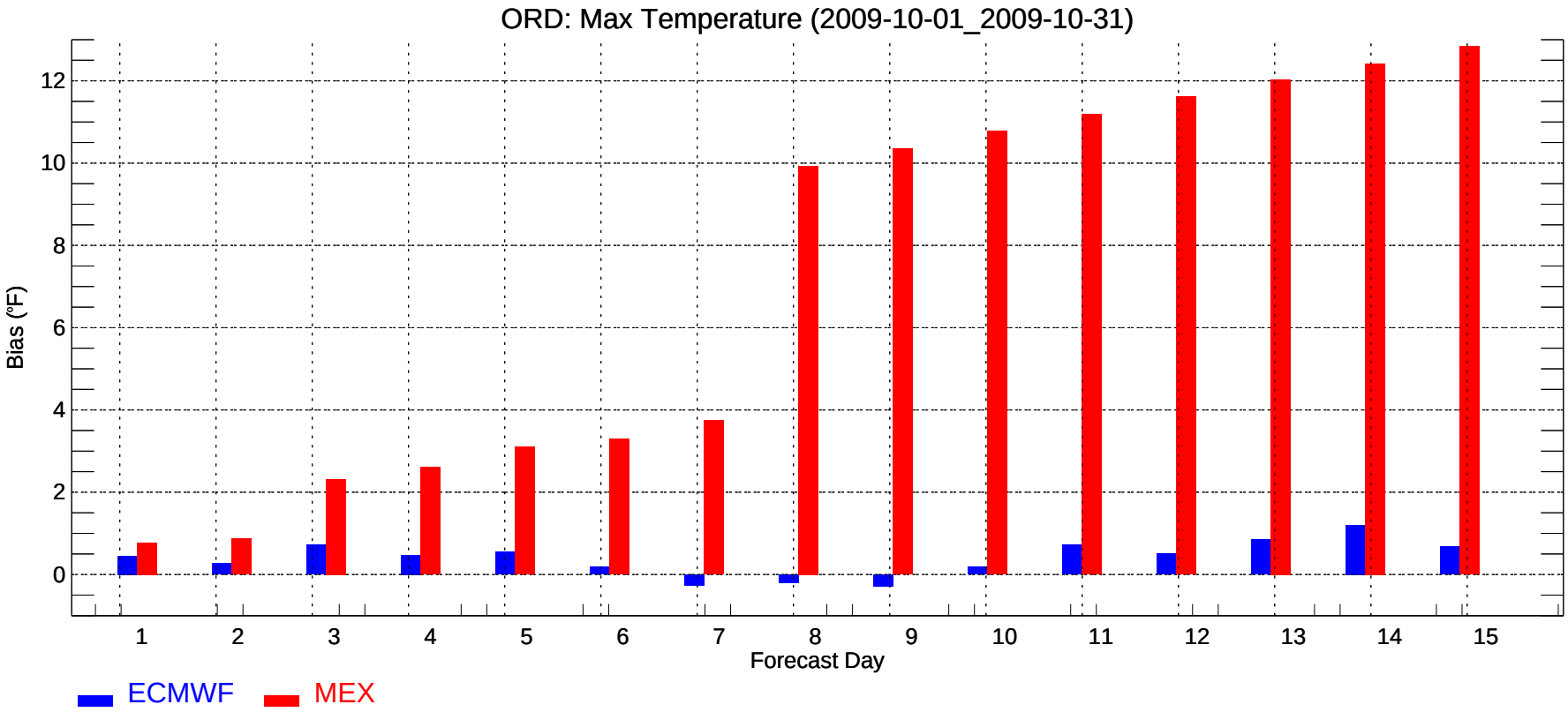
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORD: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
12
1
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6
7
8
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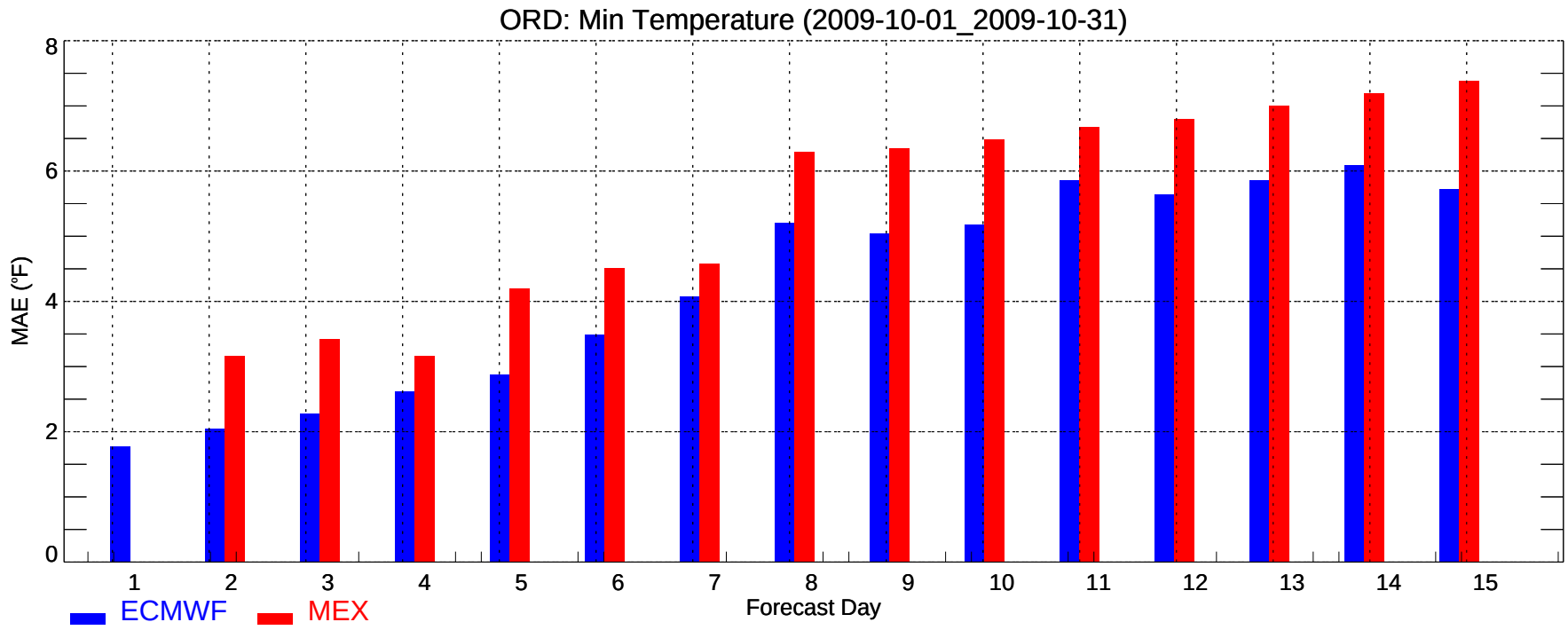
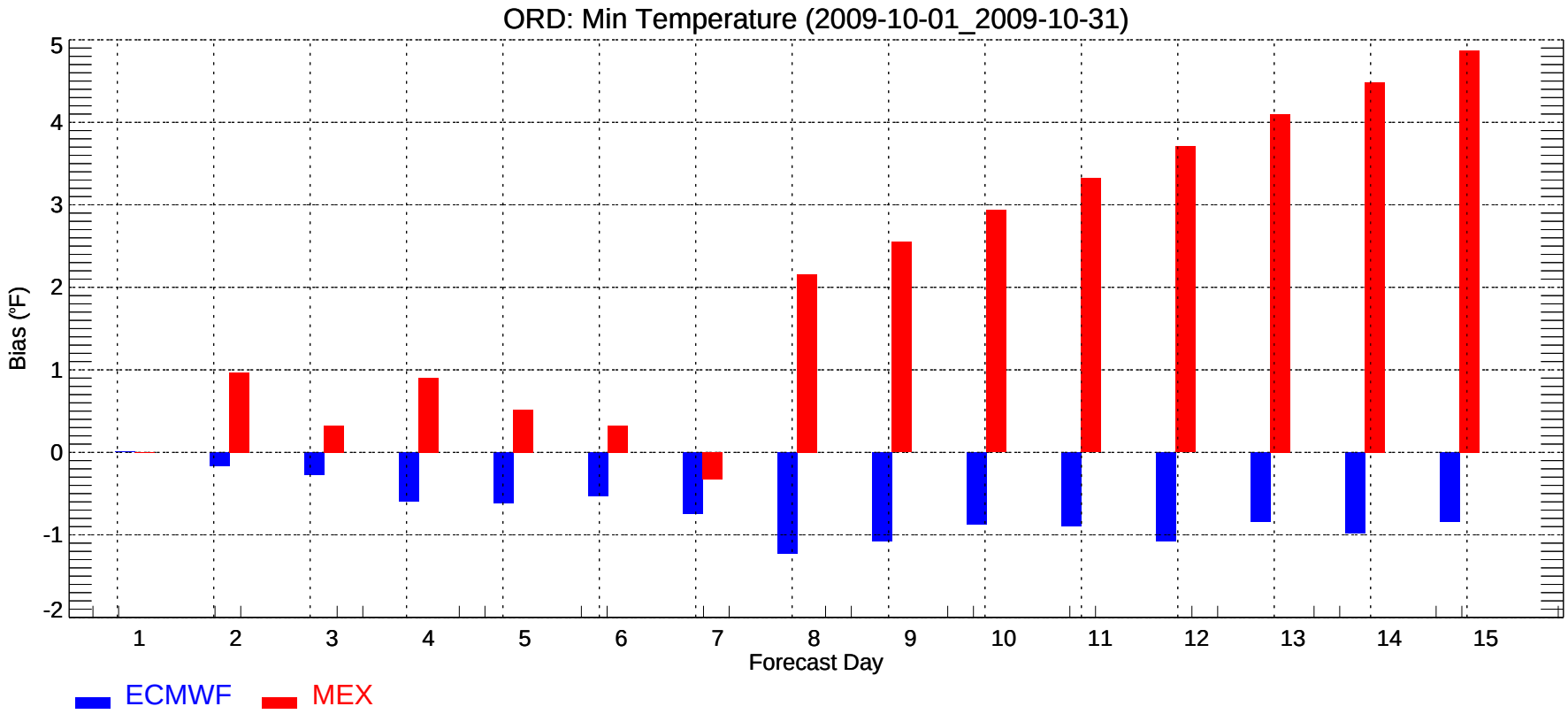
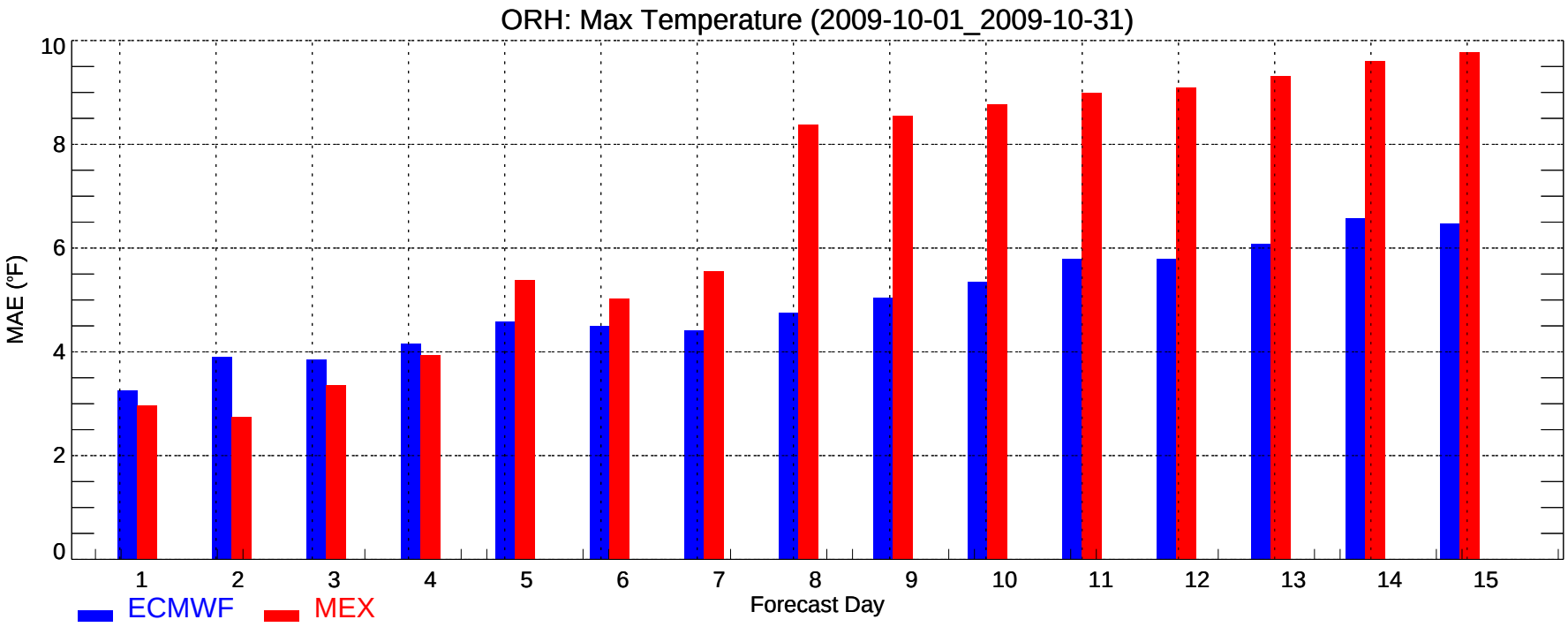
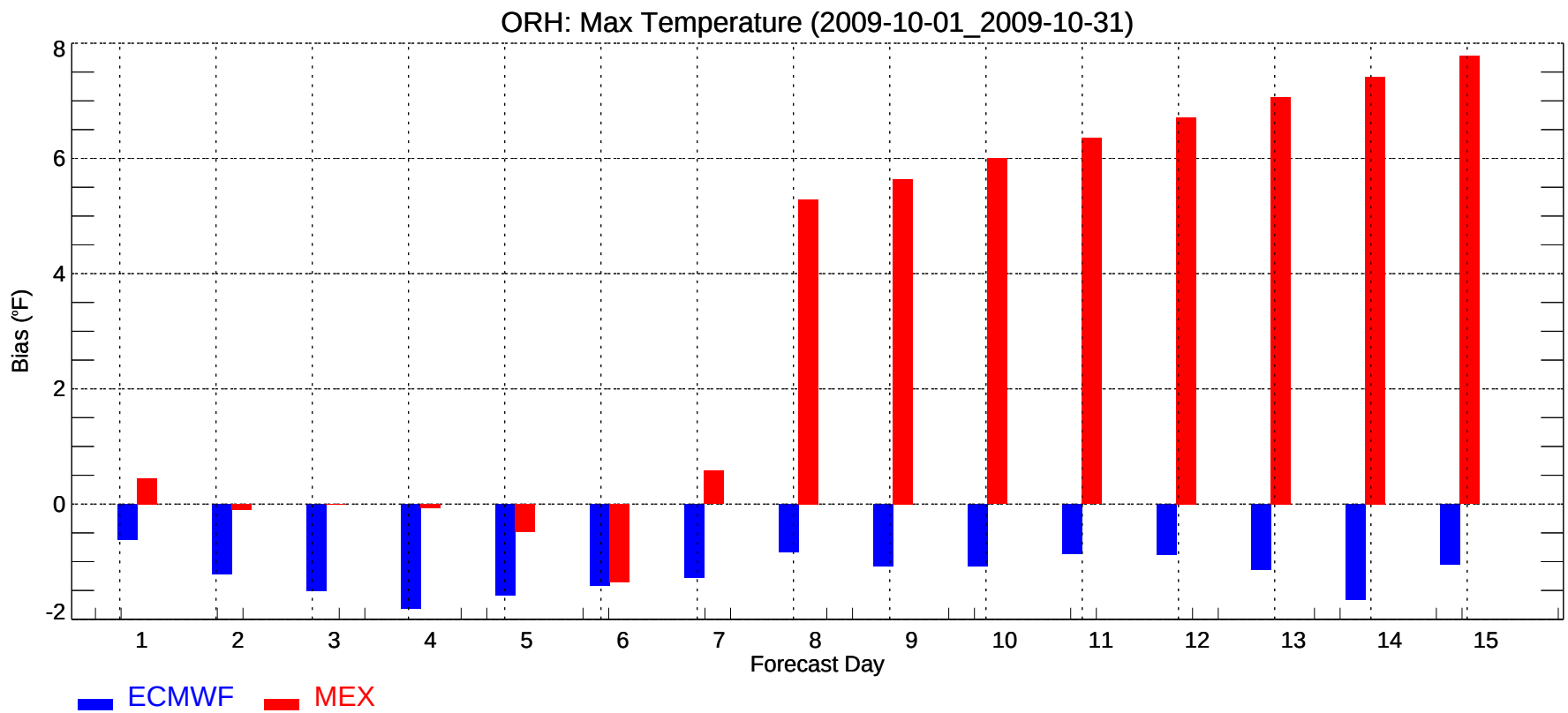
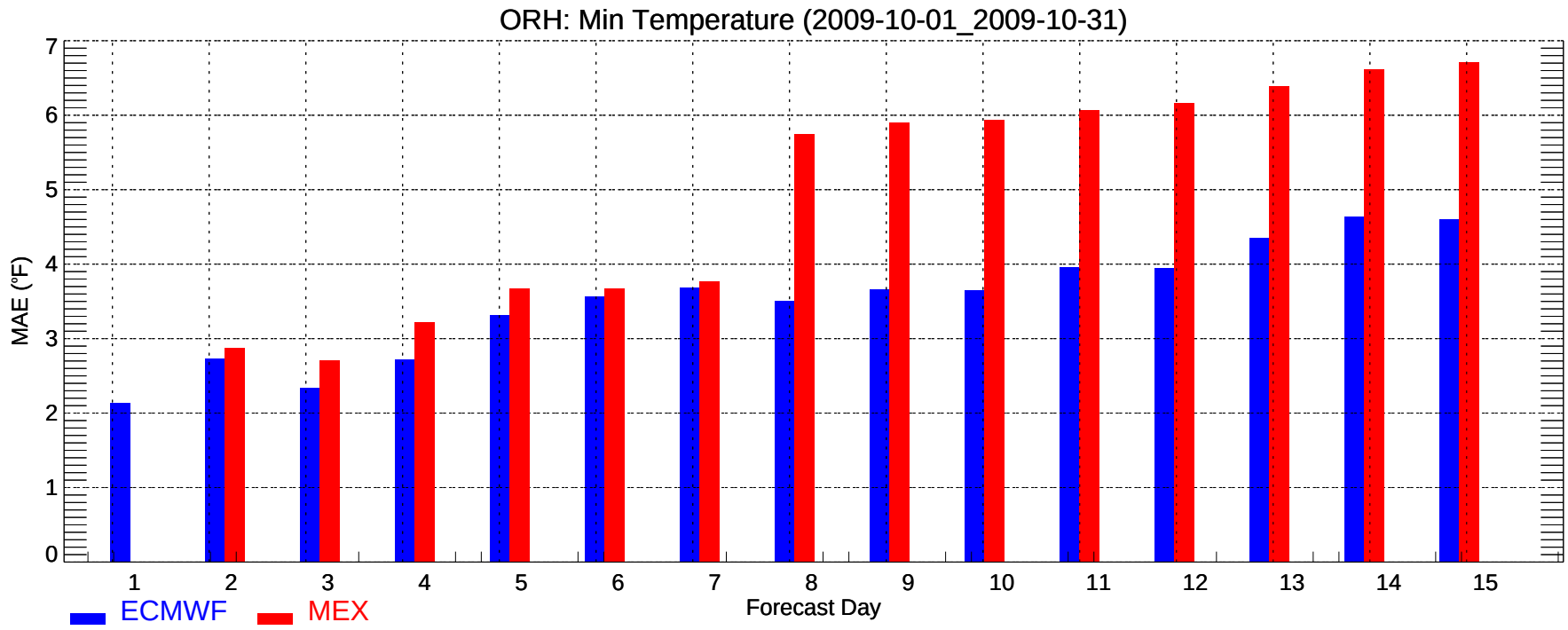
11
12
13
14
15
Forecast Day
ECMWF
MEX

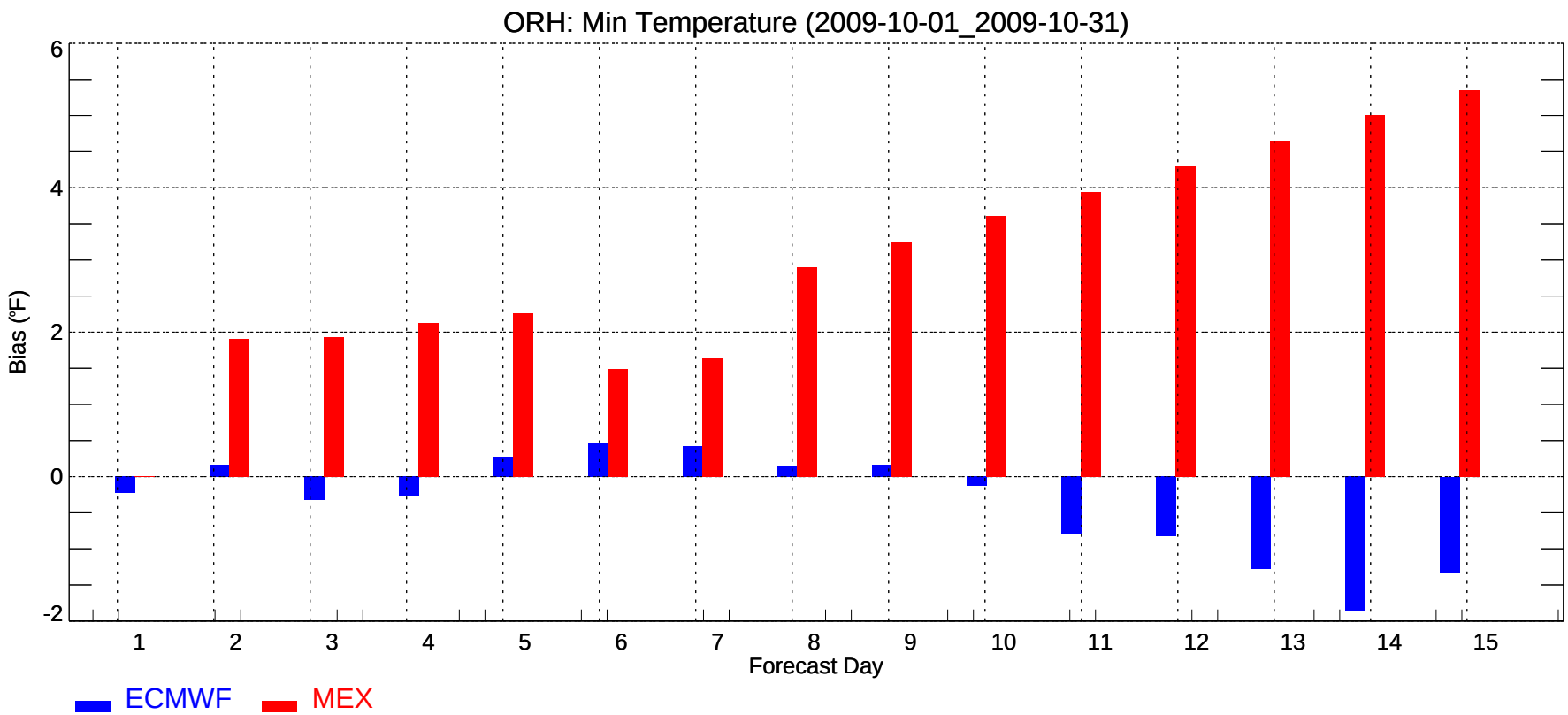

ORD: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

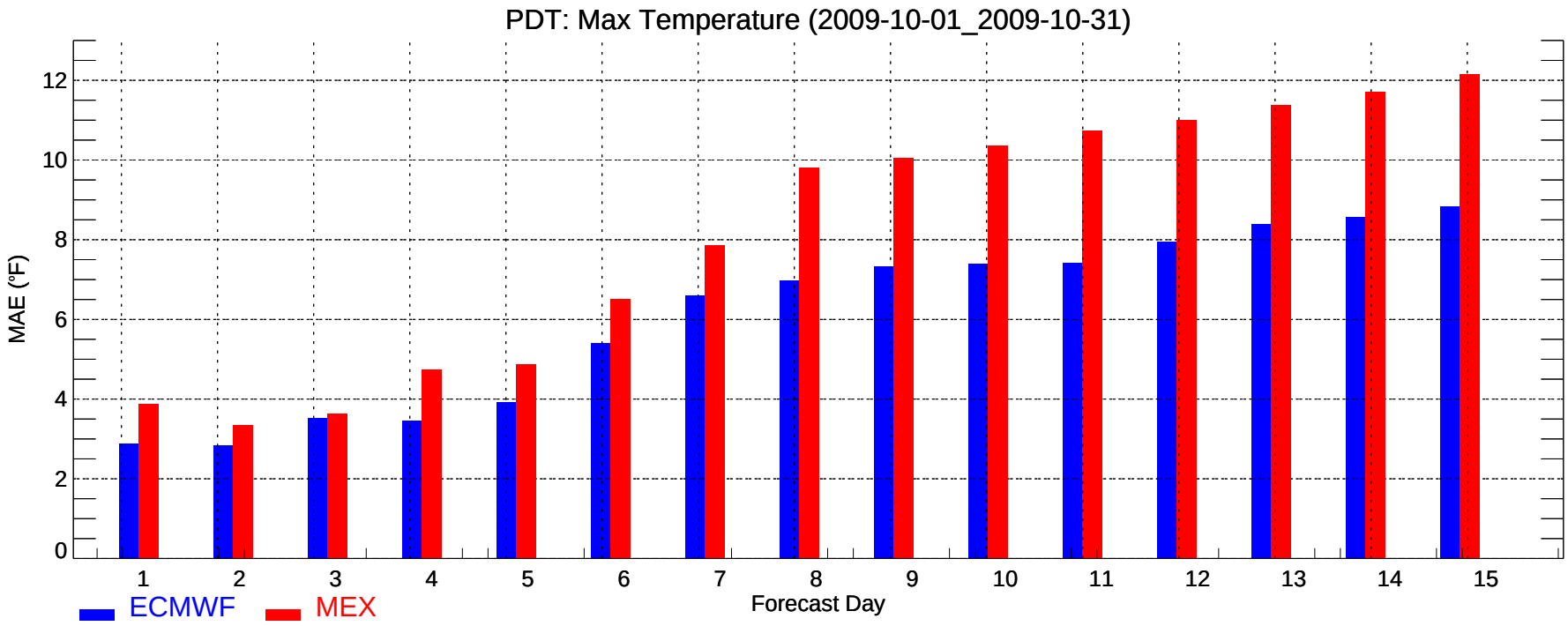

ORD: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

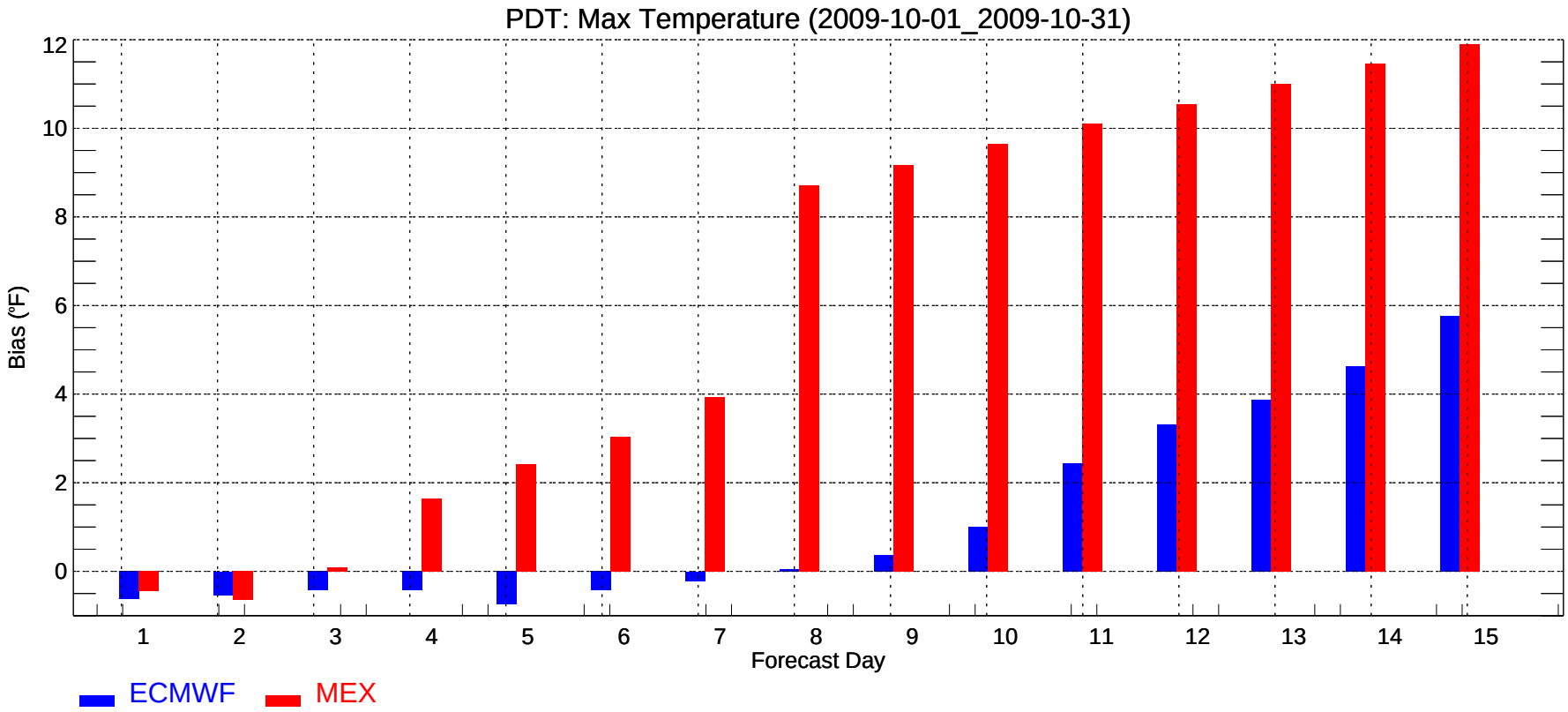

ORH: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORH: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORH: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORH: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
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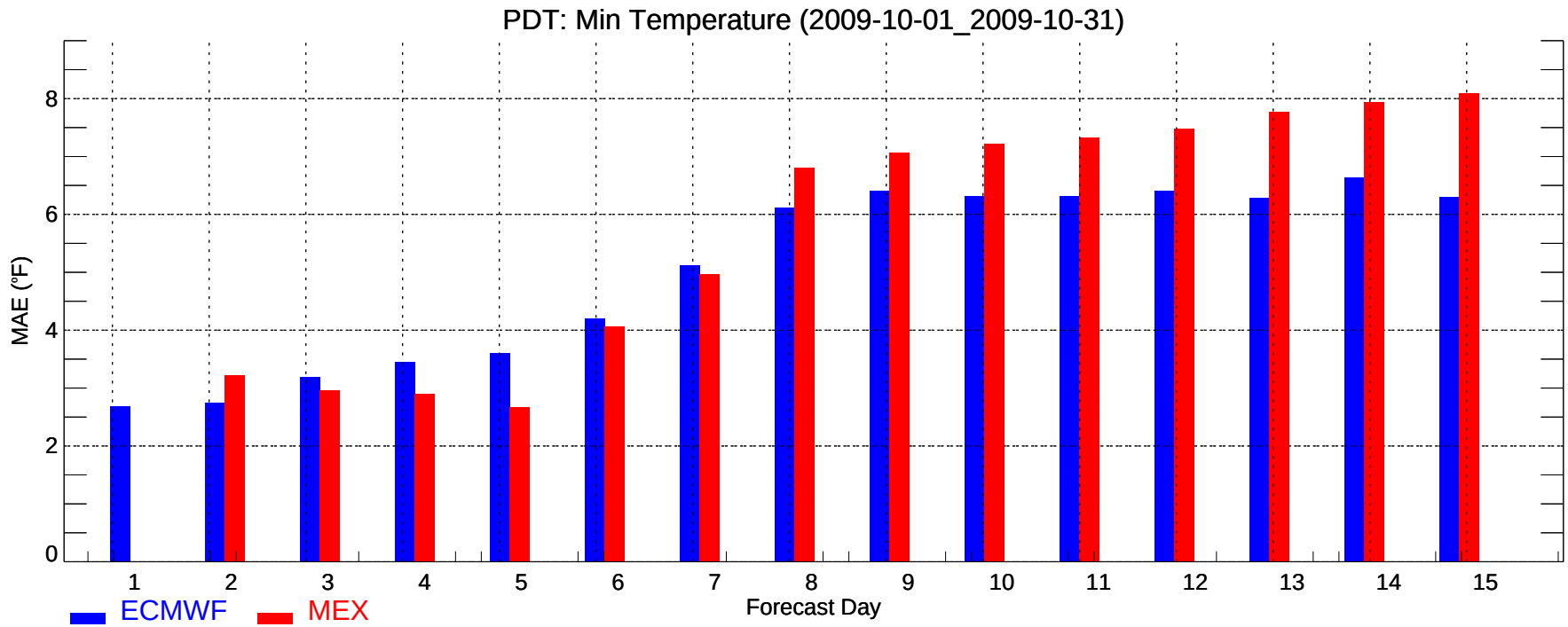
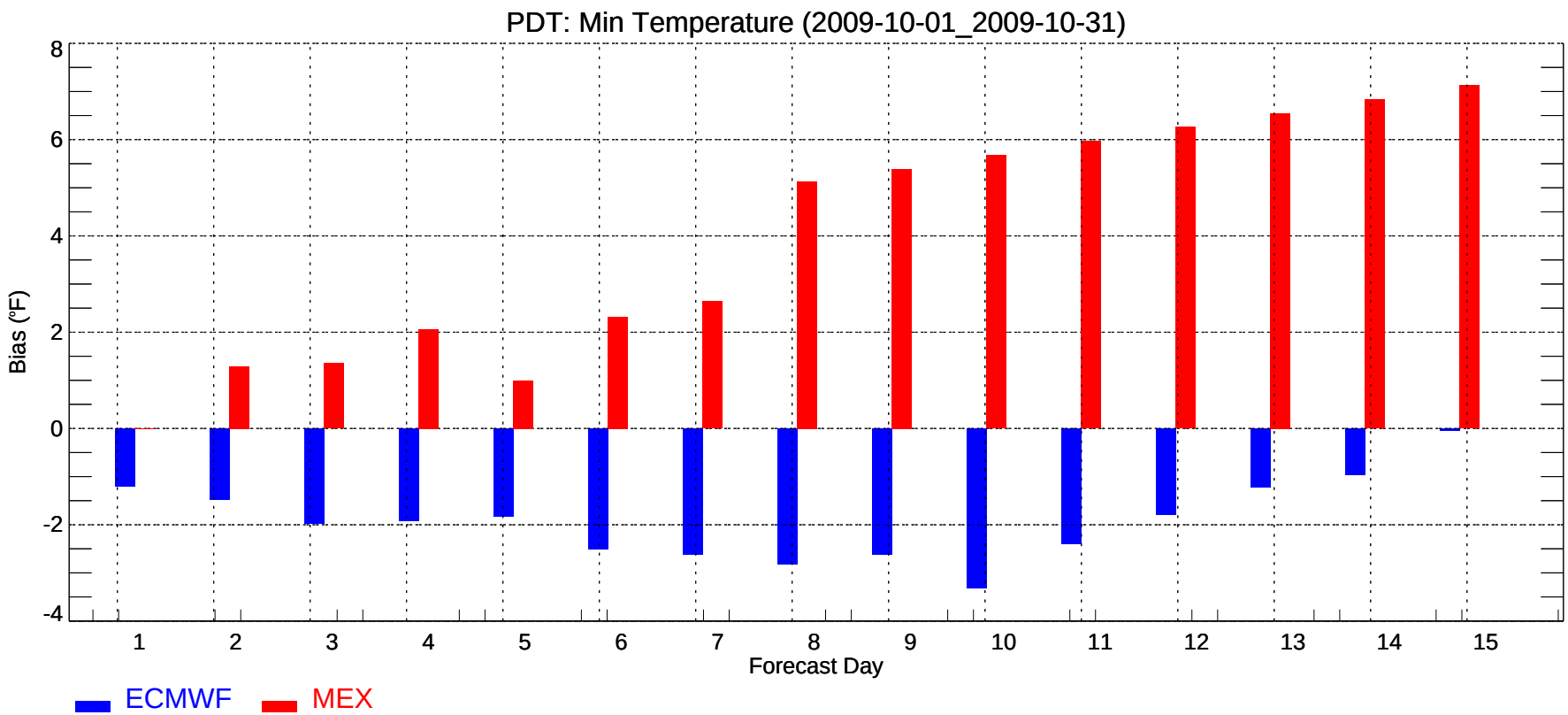
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
8
6
4
2
0
-2
-4
1
2
3
4
5
6
7
8
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11
12
13
14
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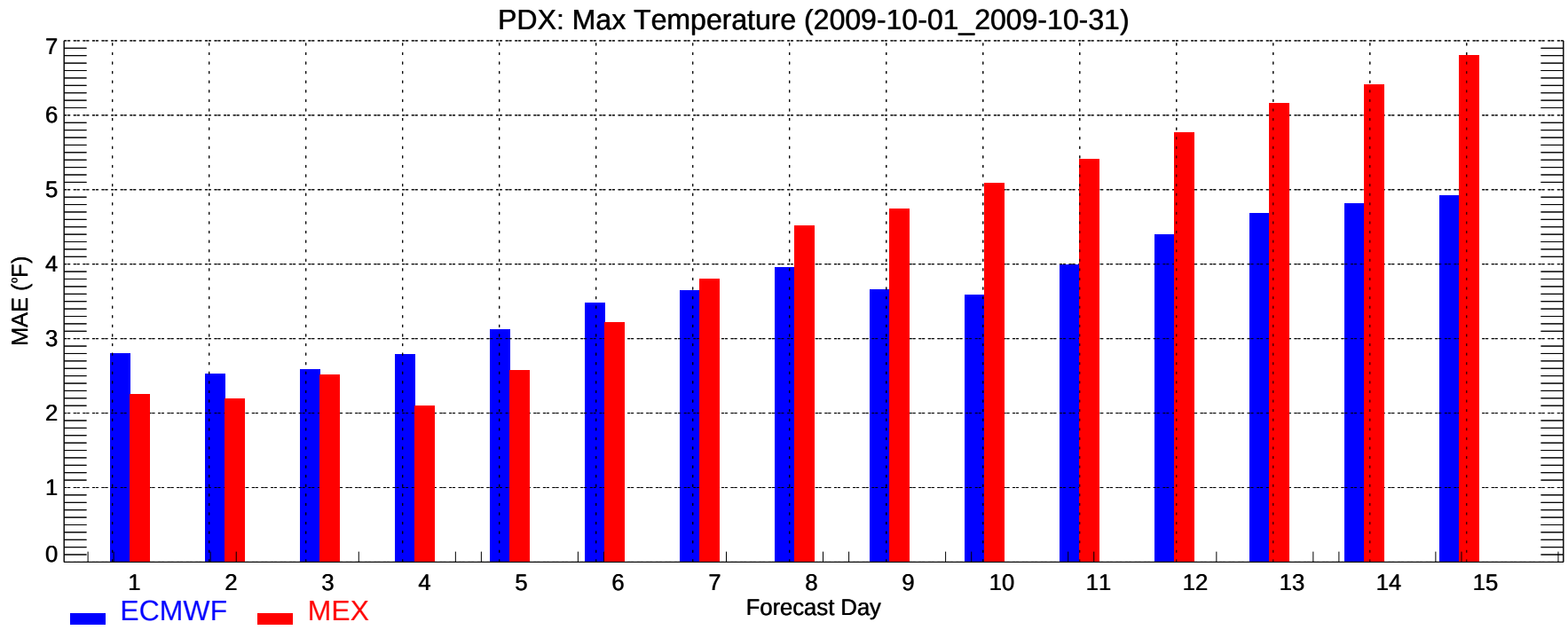
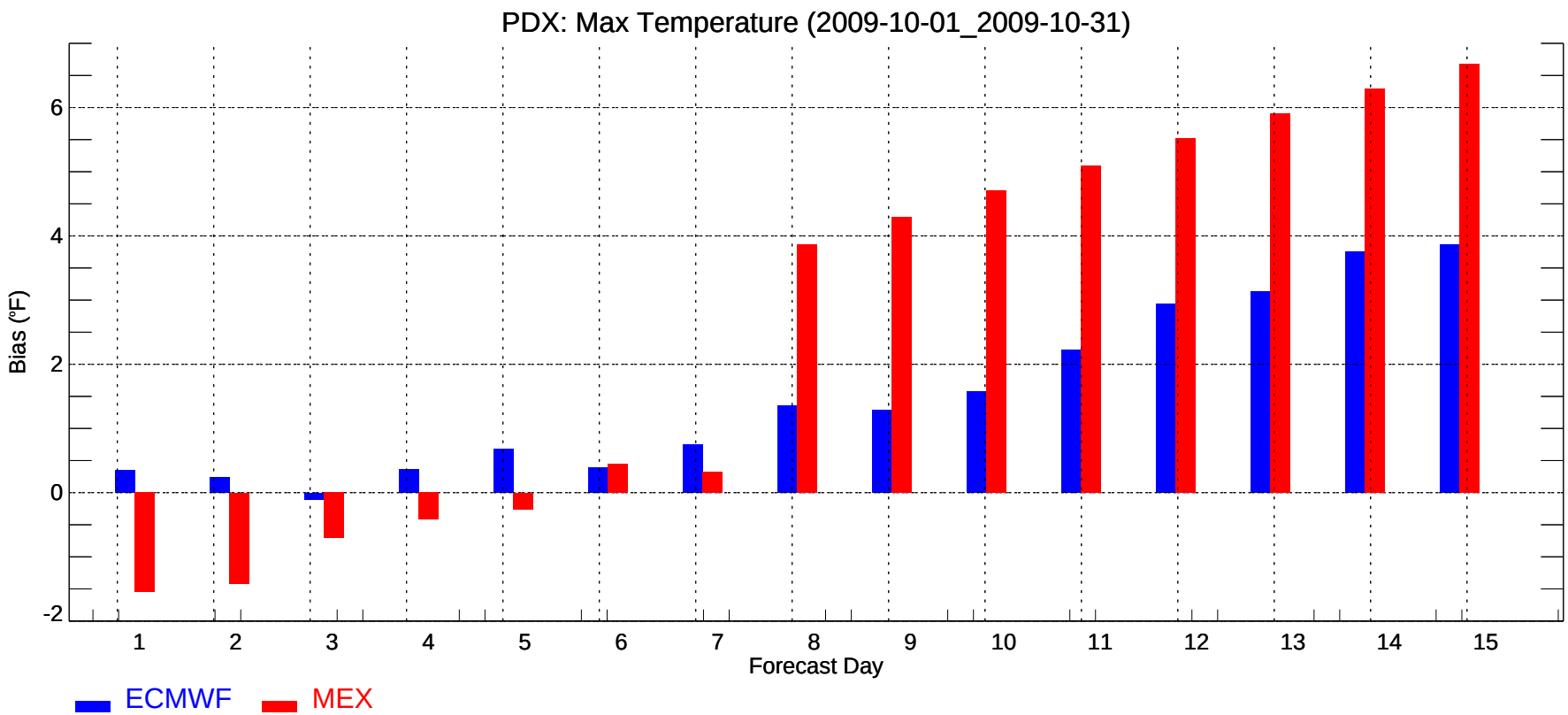
Forecast Day
ECMWF
MEX


PDX: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDX: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
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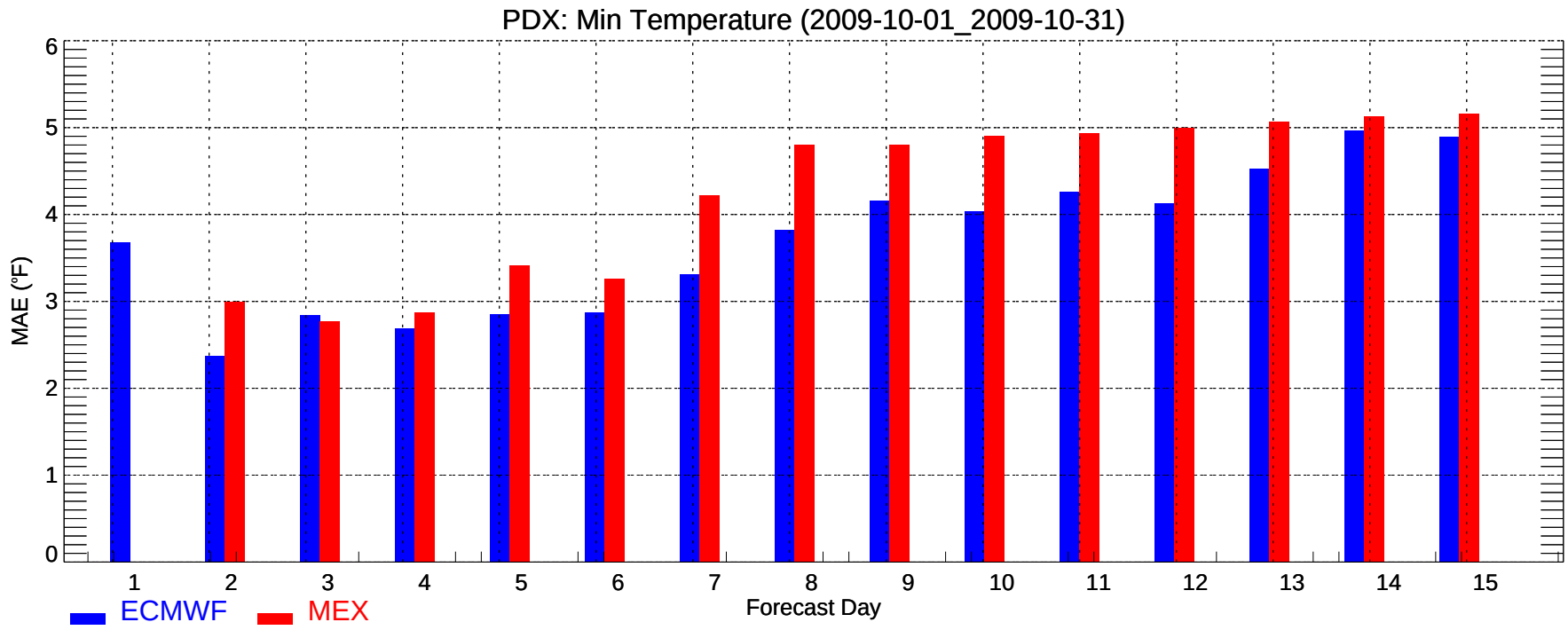
13
14
15
Forecast Day
ECMWF
MEX


PDX: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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11
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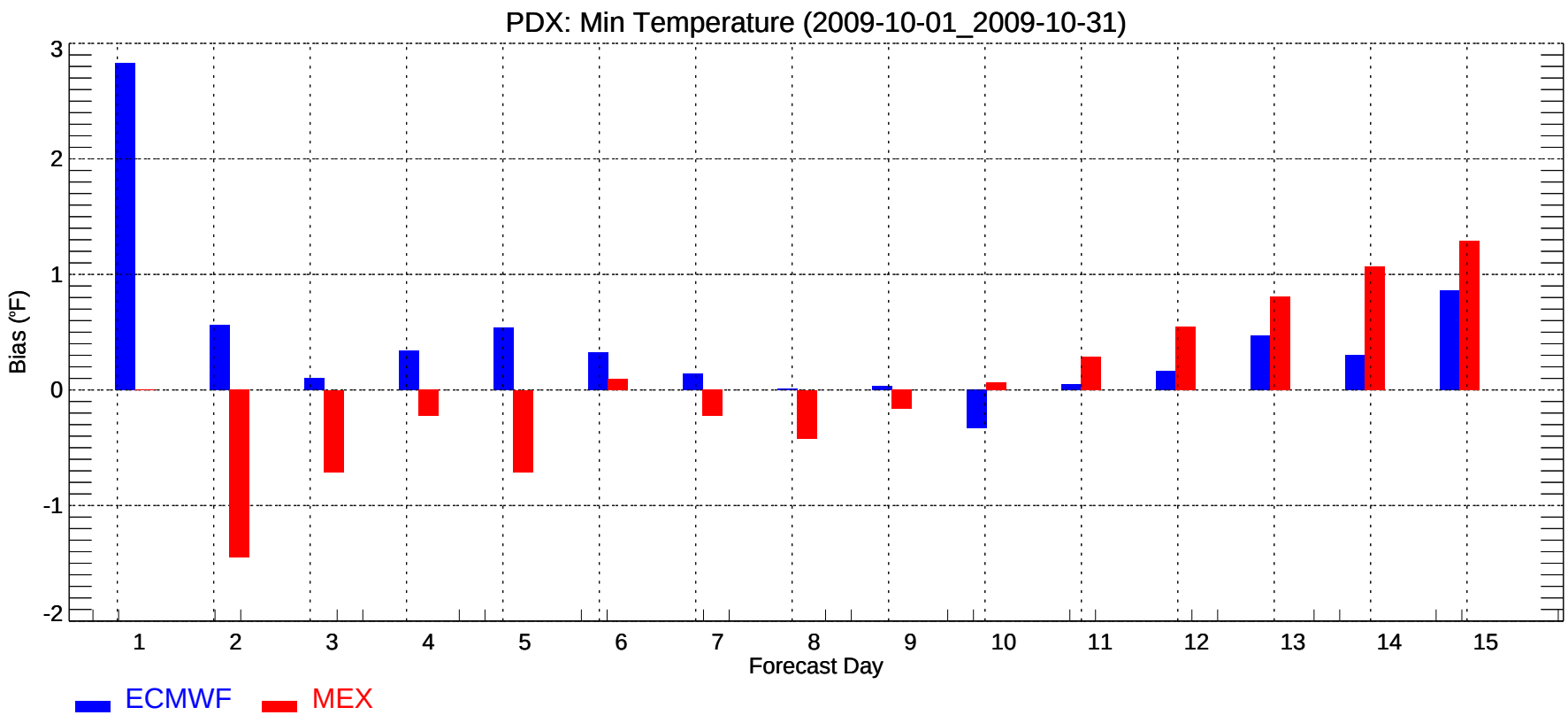
13
14
15
Forecast Day
ECMWF
MEX


PDX: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
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6
7
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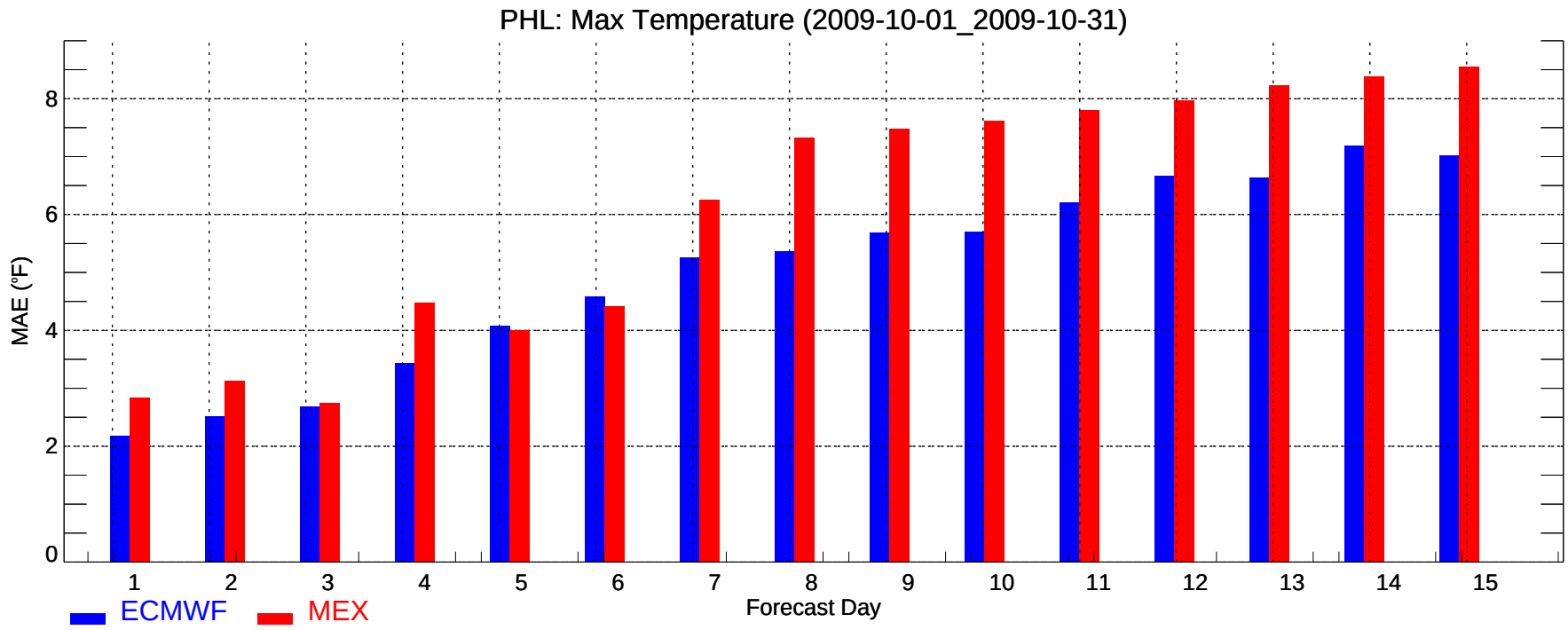
12
13
14
15
Forecast Day
ECMWF
MEX


PHL: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
7
8
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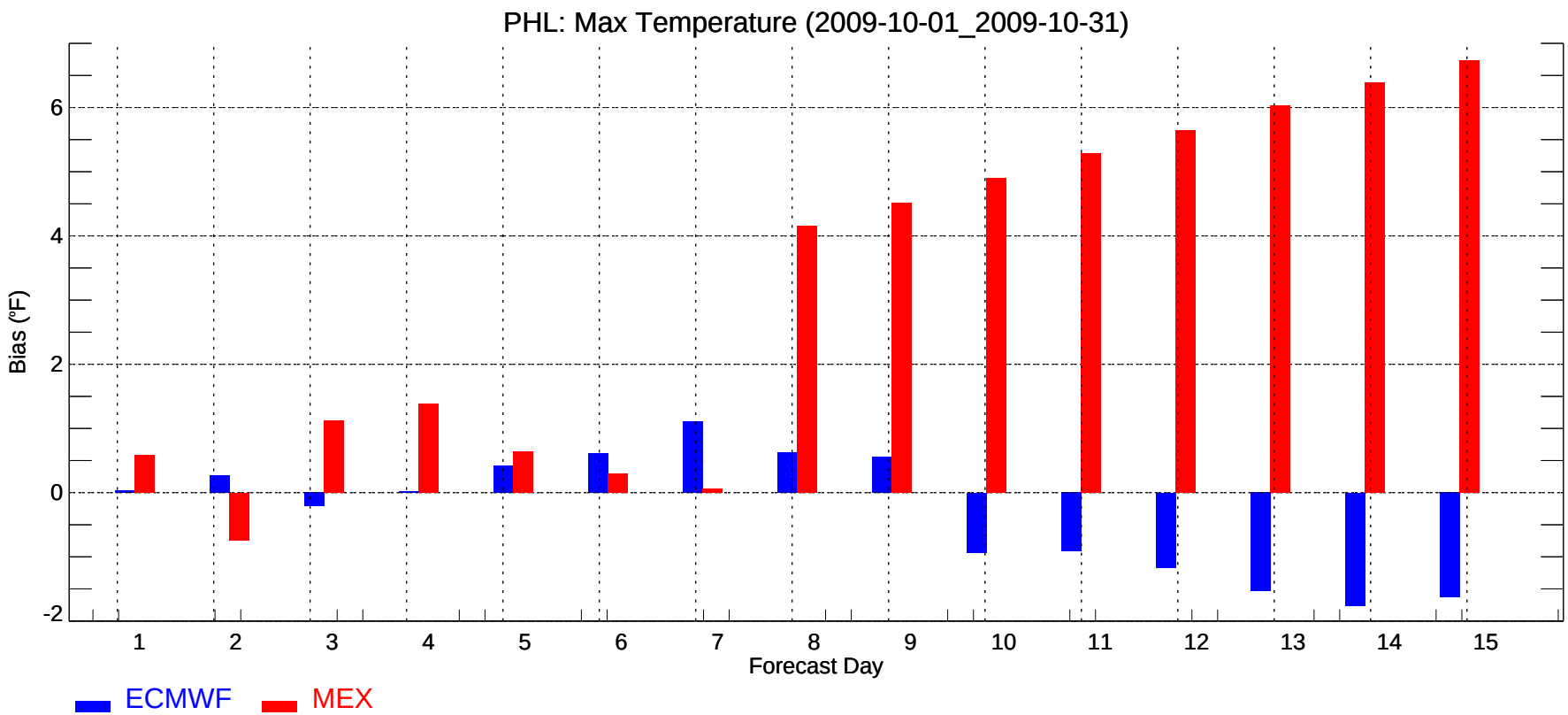
11
12
13
14
15
Forecast Day
ECMWF
MEX


PHL: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
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12
13
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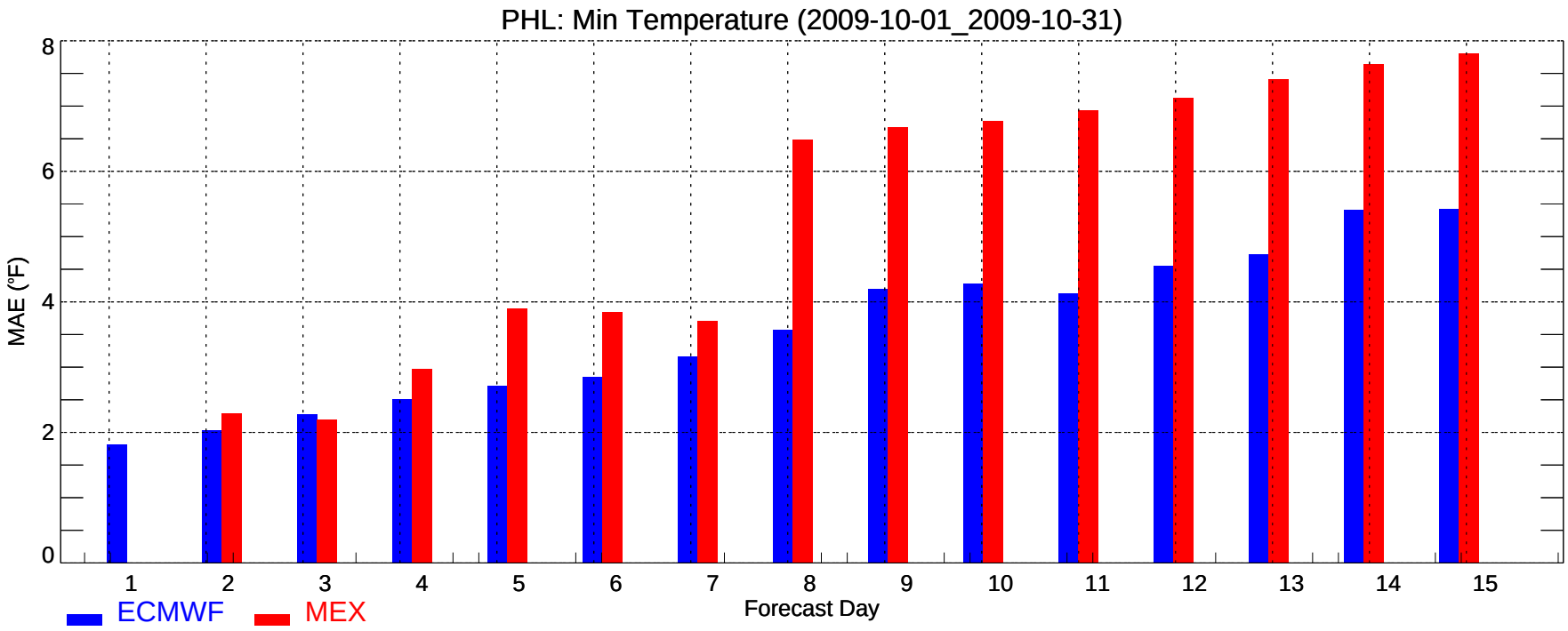
Forecast Day
ECMWF
MEX


PHL: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
7
8
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13
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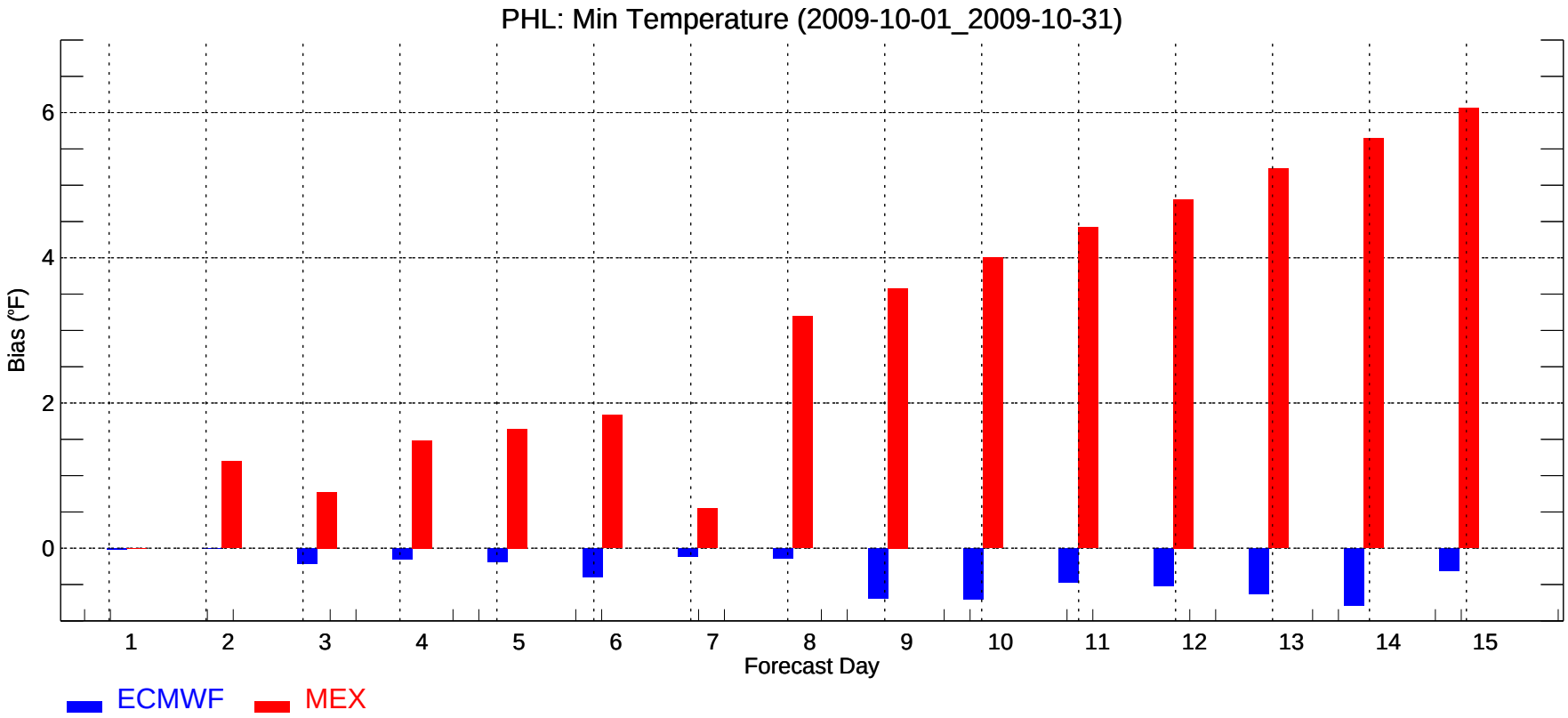
Forecast Day
ECMWF
MEX


PHL: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
1
2
3
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5
6
7
8
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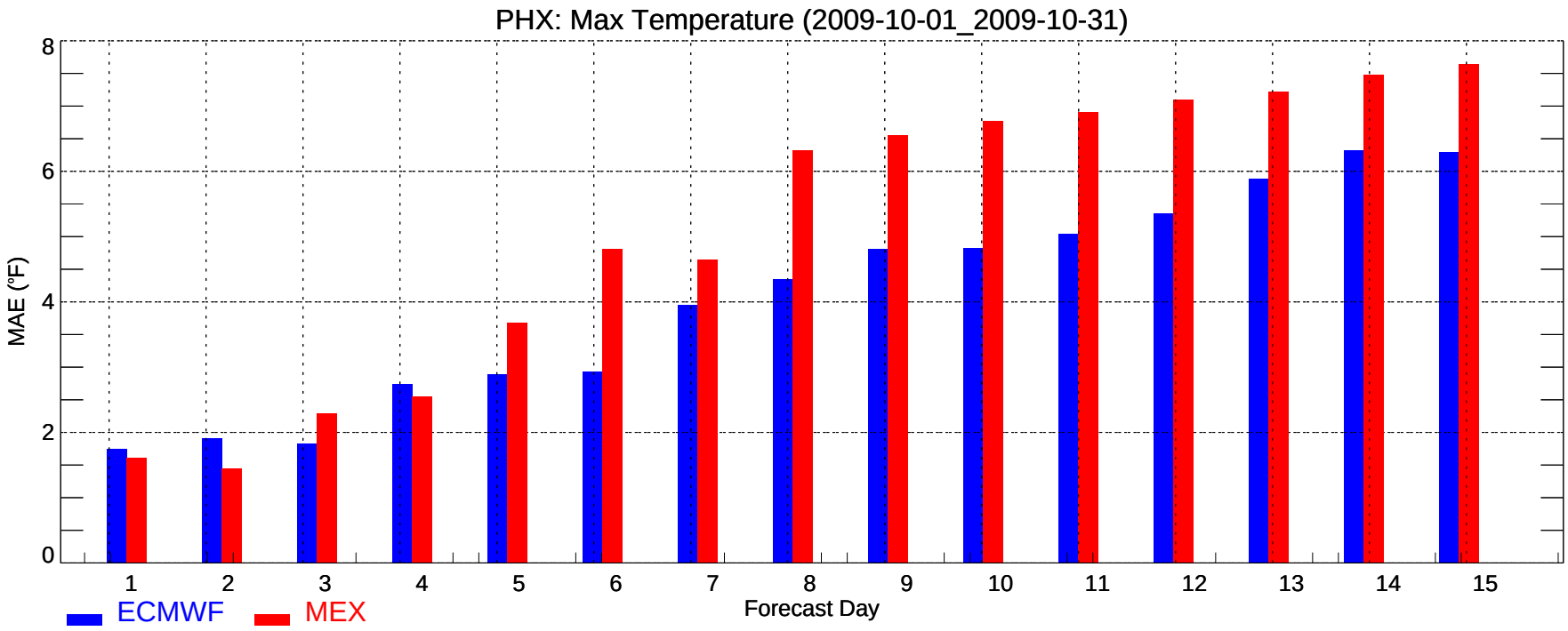
Forecast Day
ECMWF
MEX


PHX: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
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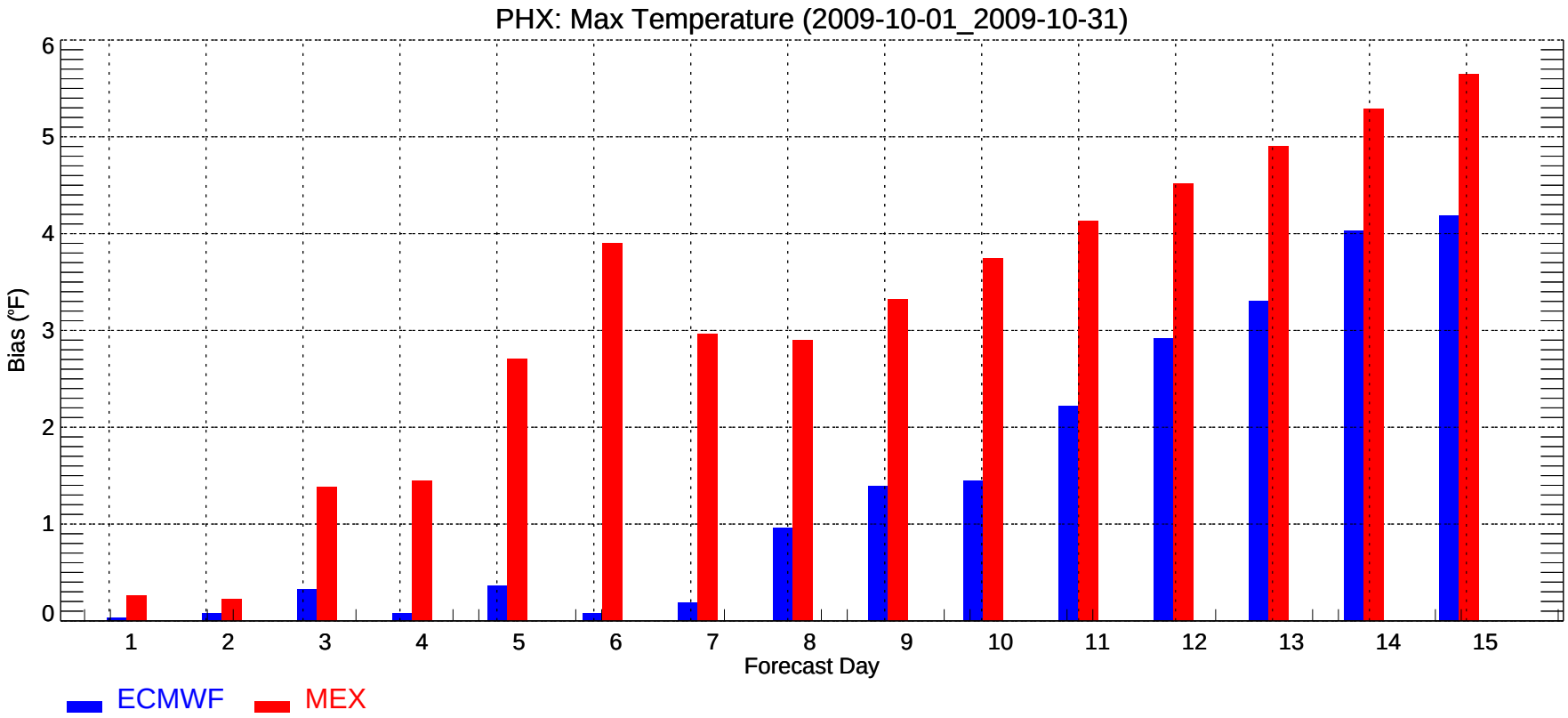
Forecast Day
ECMWF
MEX


PHX: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
1
2
3
4
5
6
1
2
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6
7
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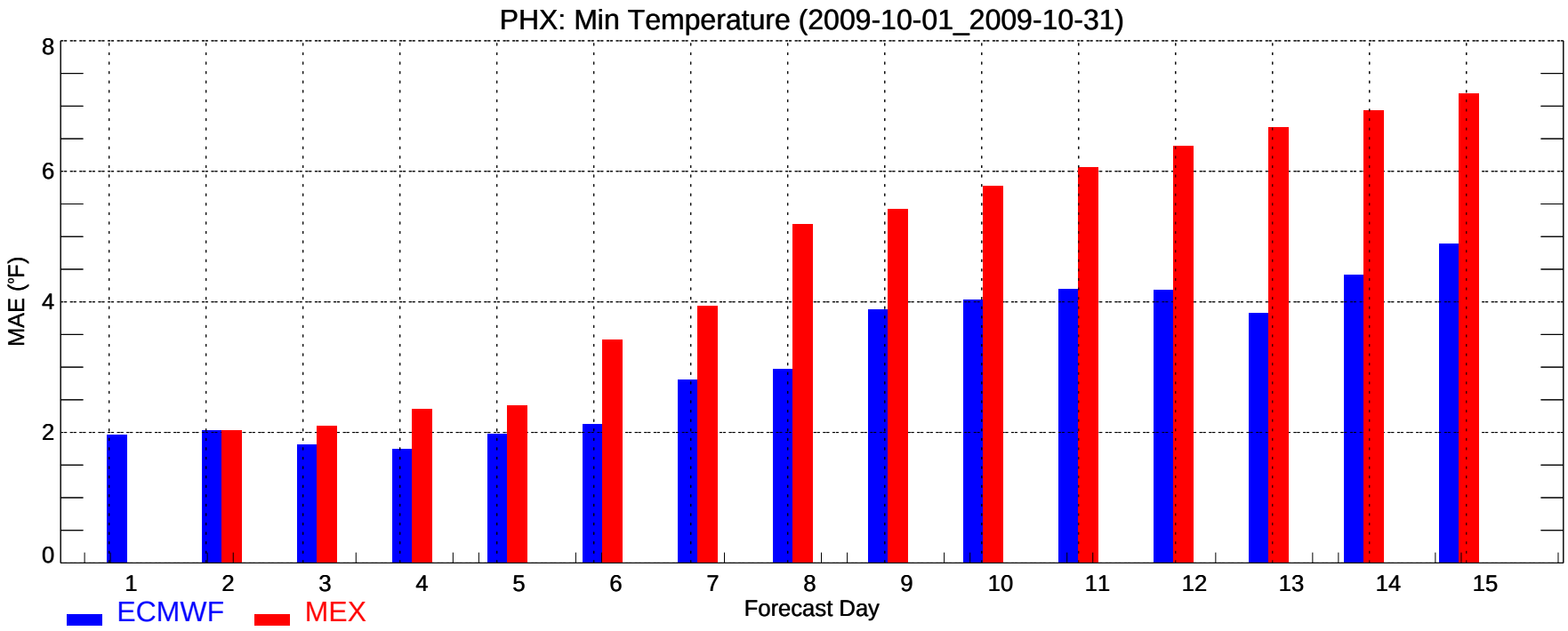
Forecast Day
ECMWF
MEX


PHX: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
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1
2
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6
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13
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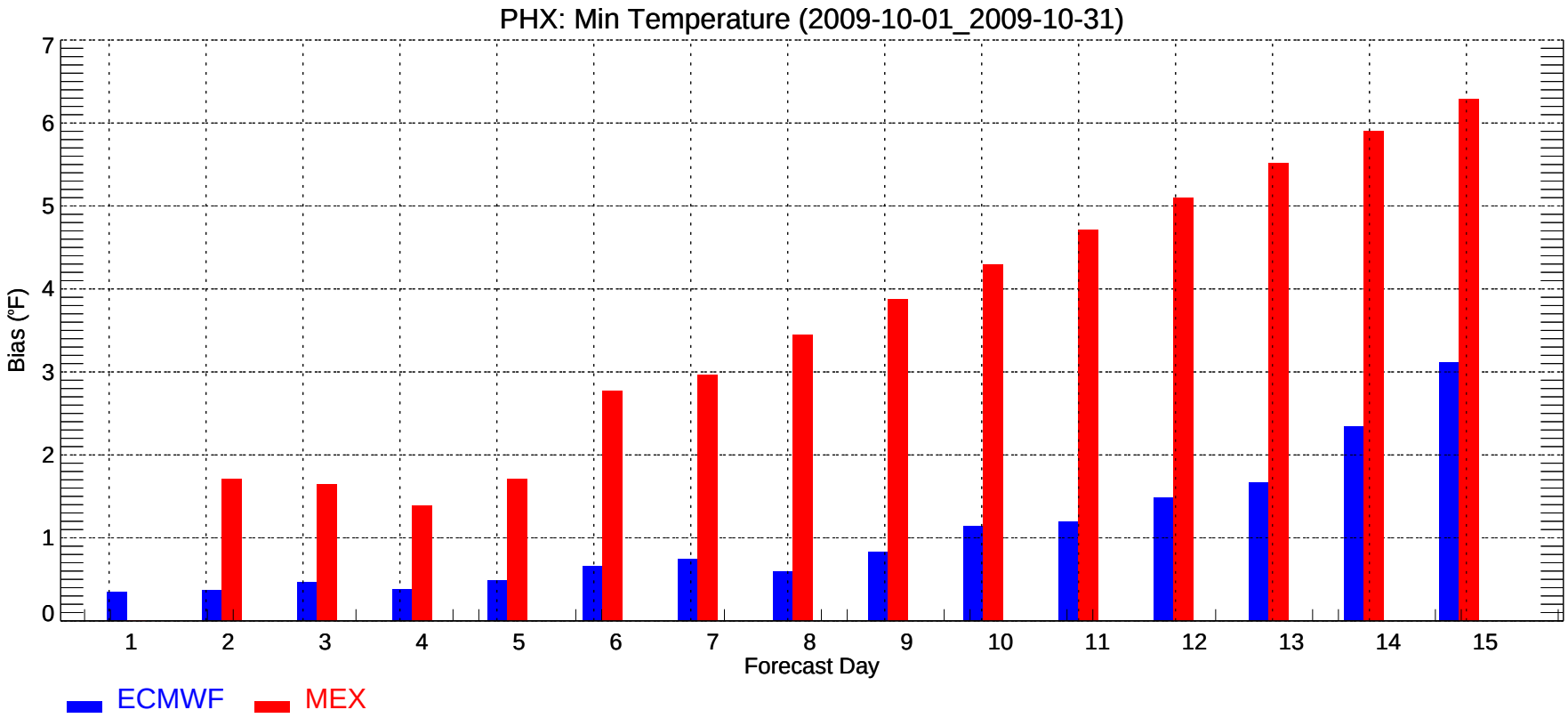
15
Forecast Day
ECMWF
MEX


PHX: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
1
2
3
4
5
6
7
1
2
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6
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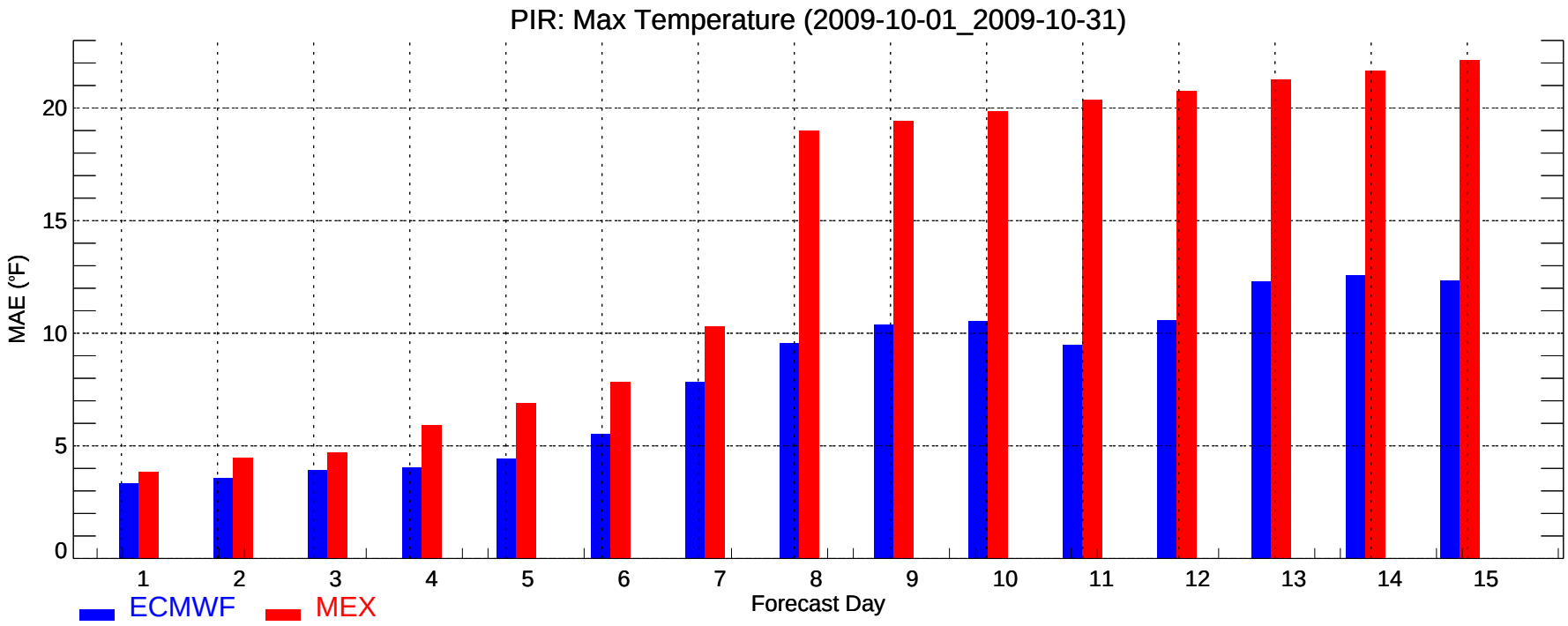
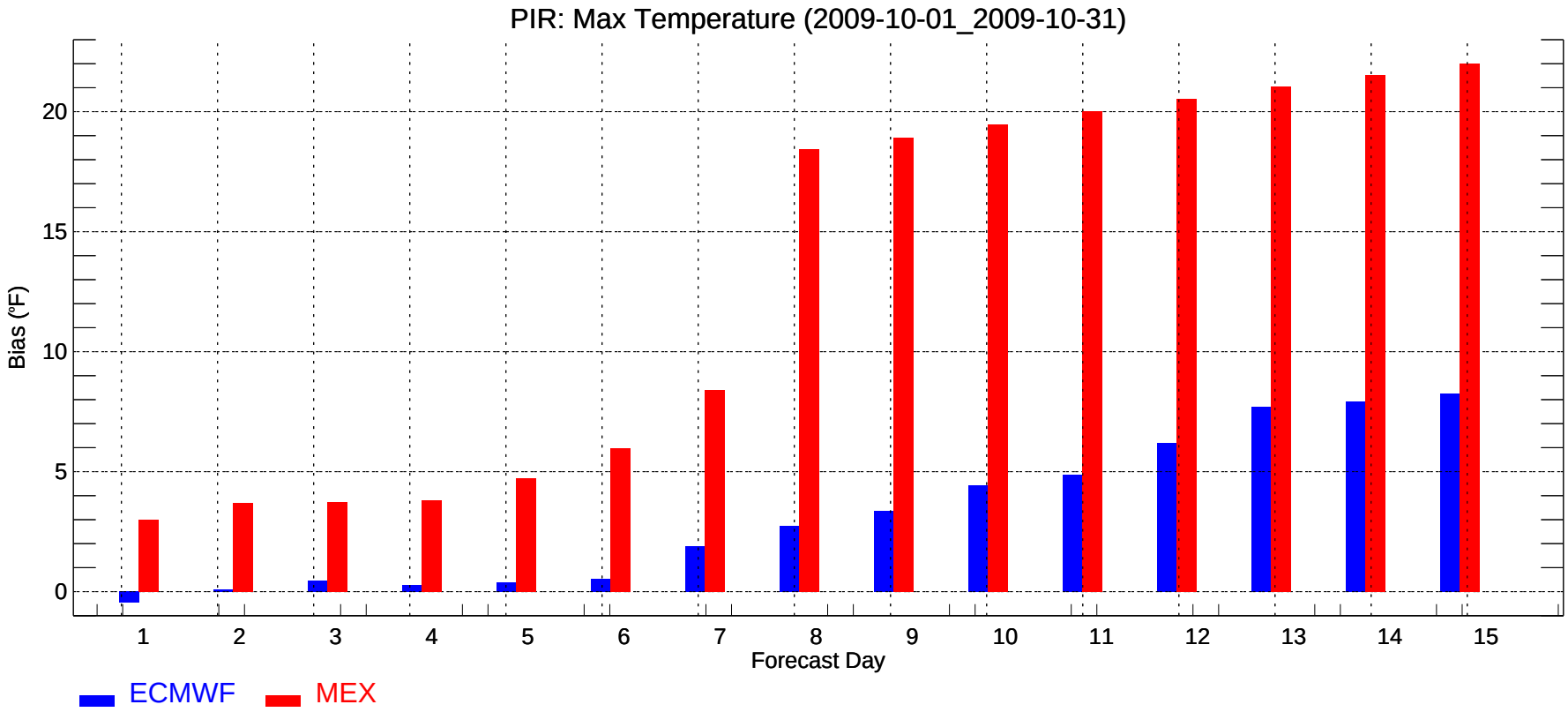
Forecast Day
ECMWF
MEX


PIR: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
5
10
15
20
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIR: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
20
1
2
3
4
5
6
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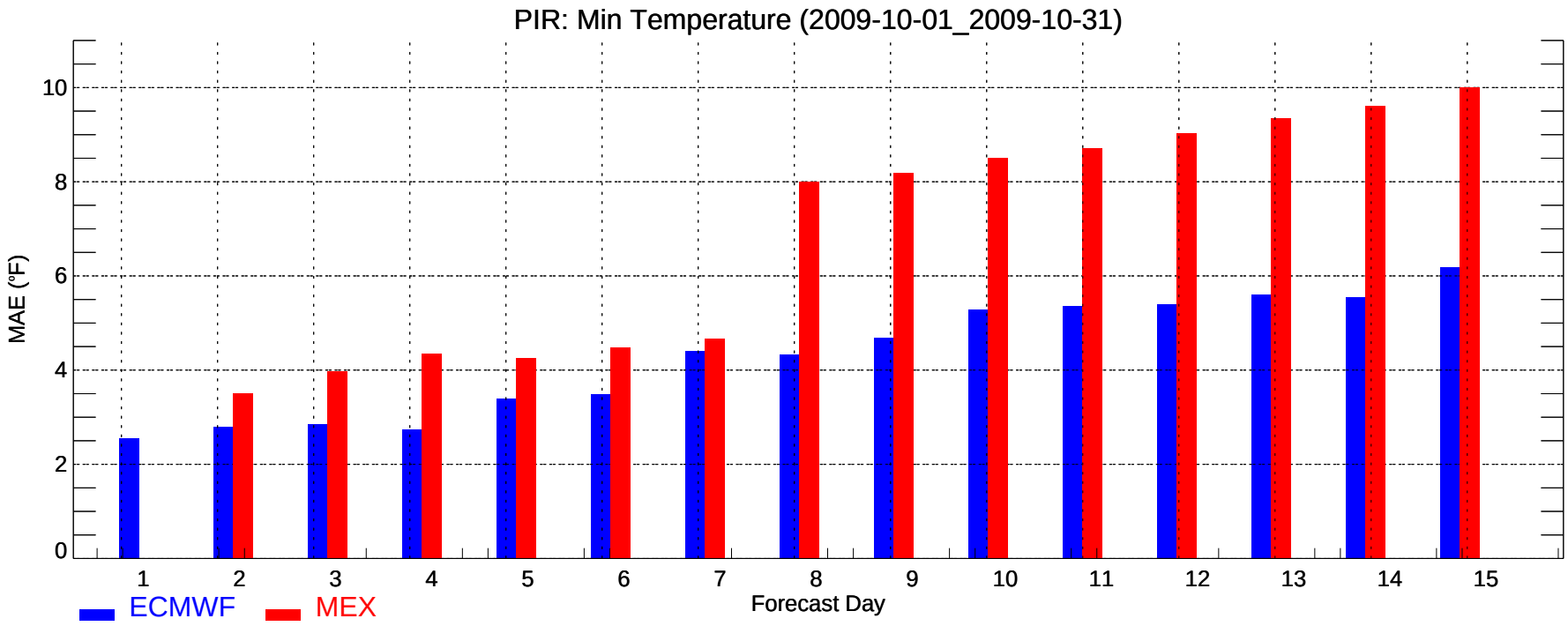
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIR: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
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12
13
14
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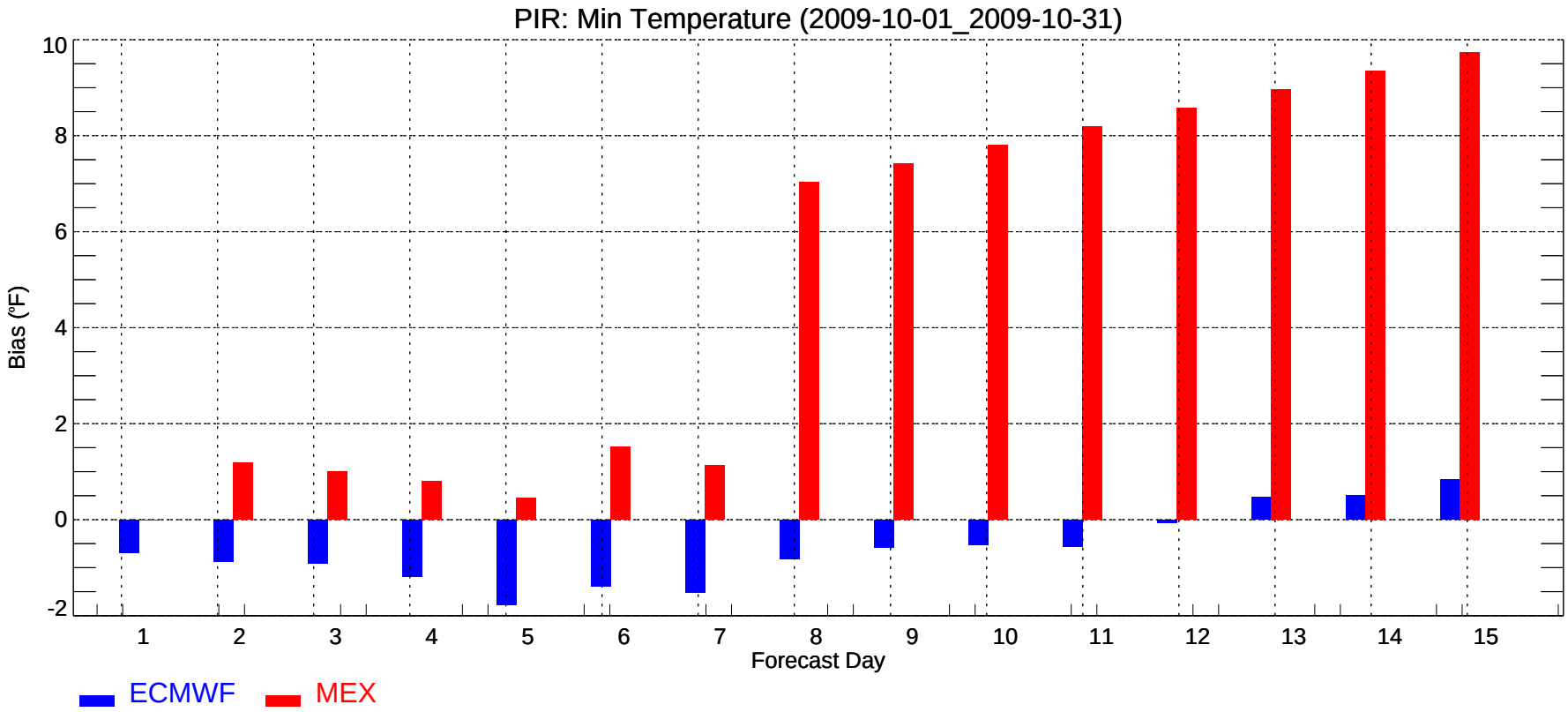
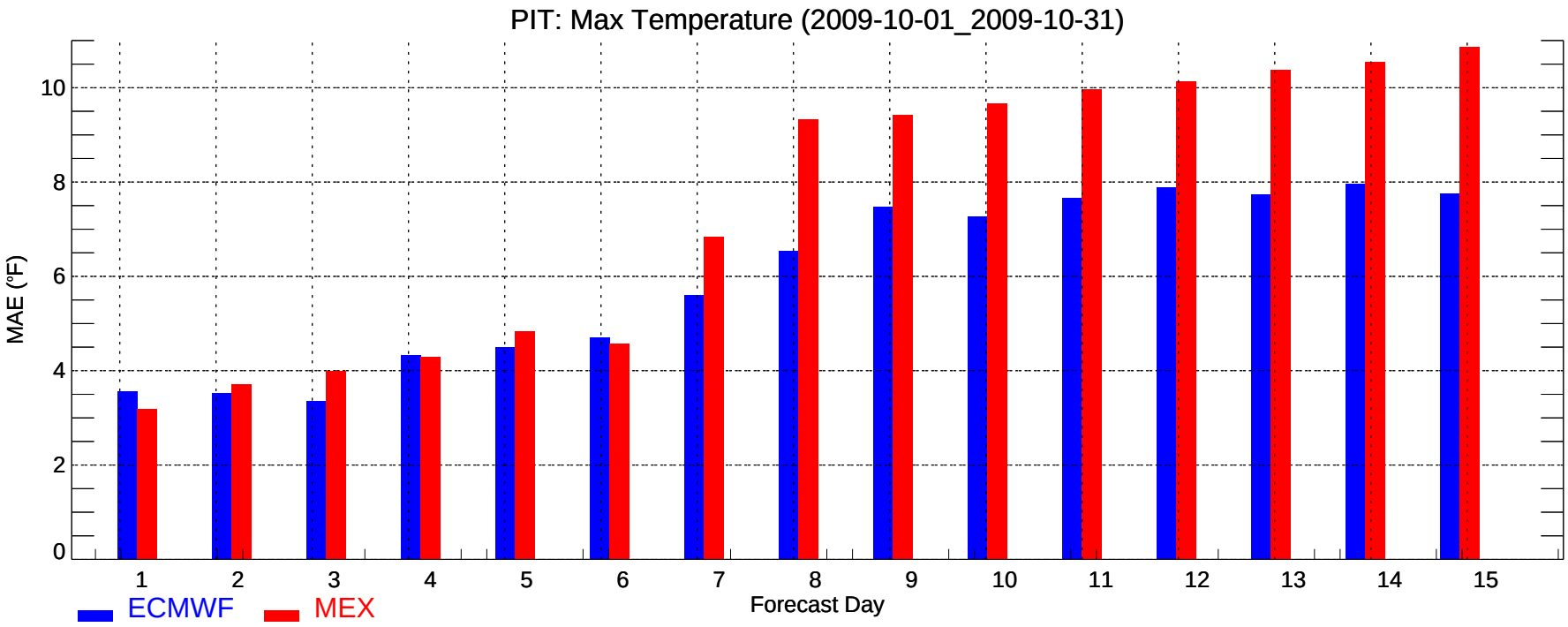
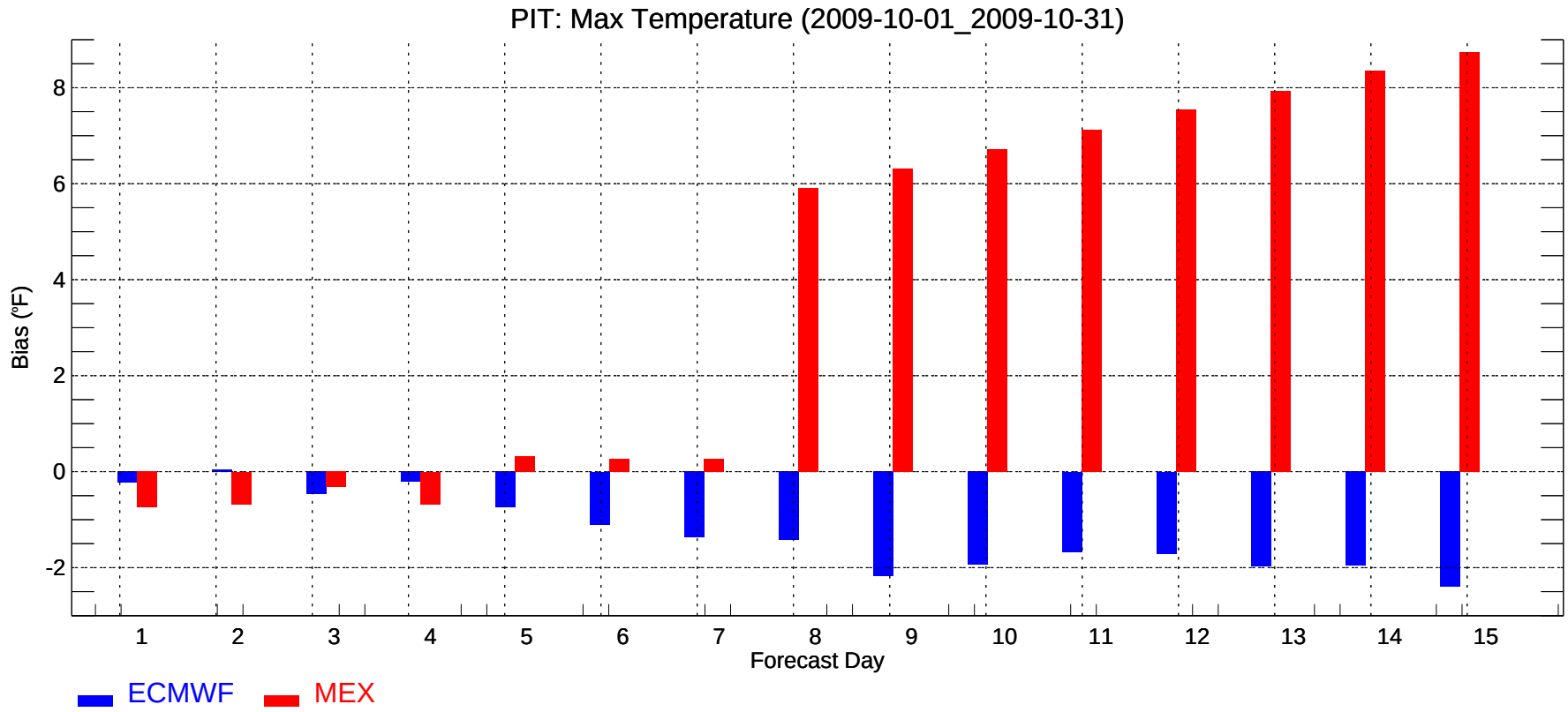
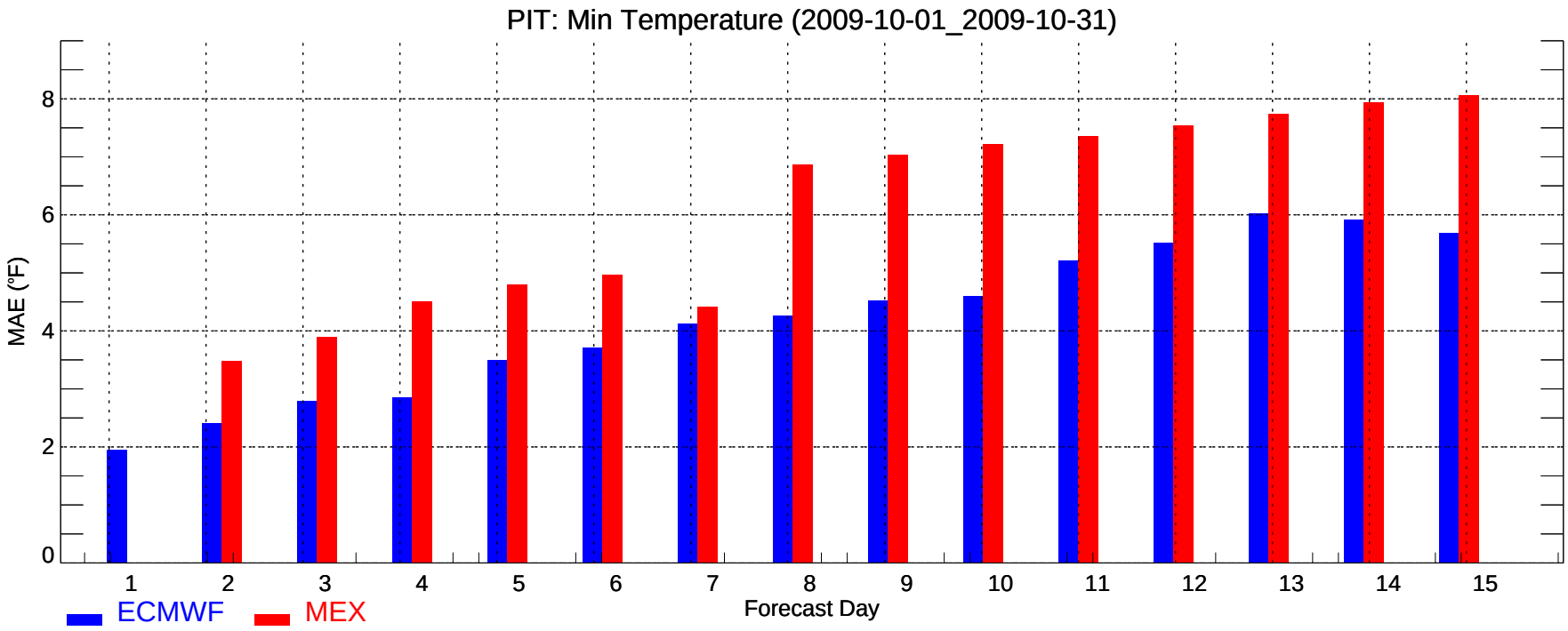
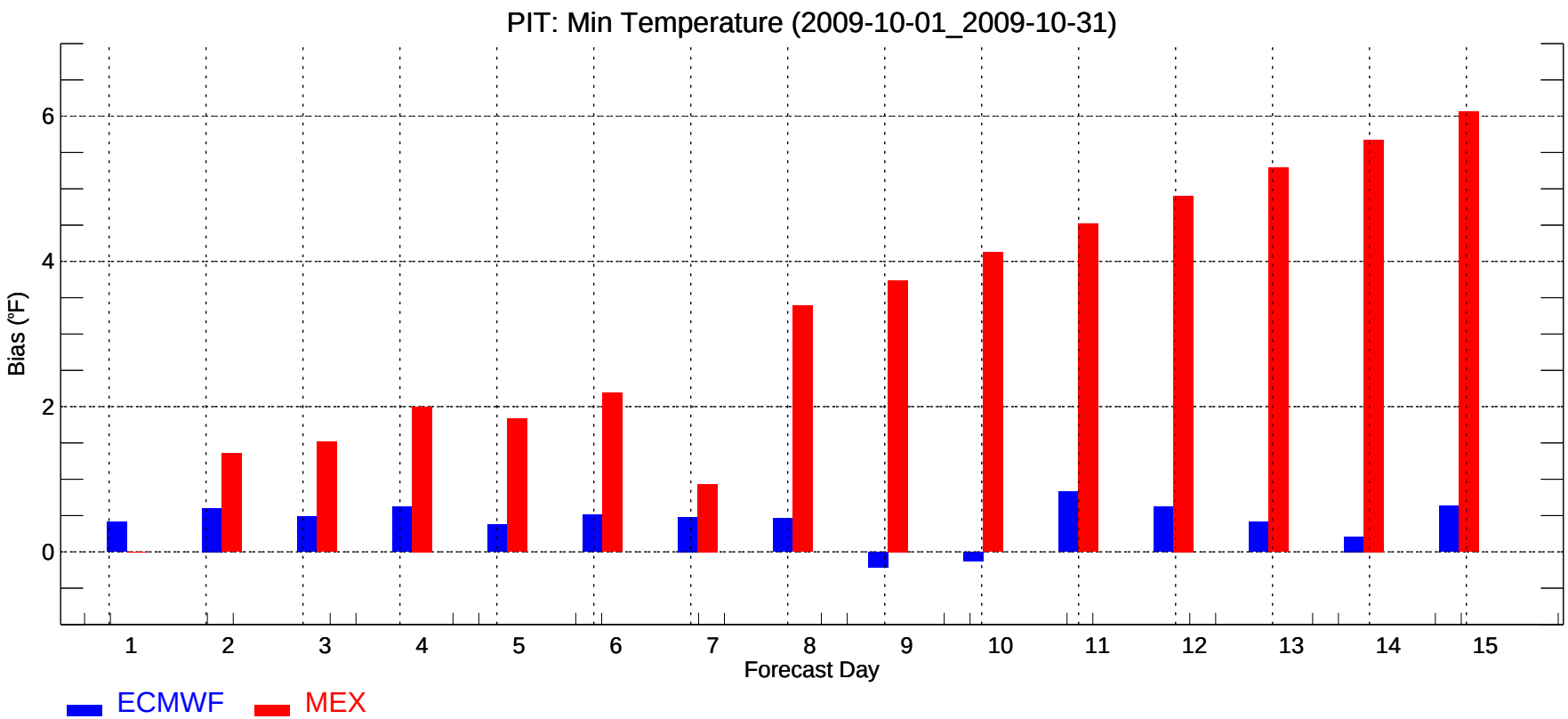
Forecast Day
ECMWF
MEX

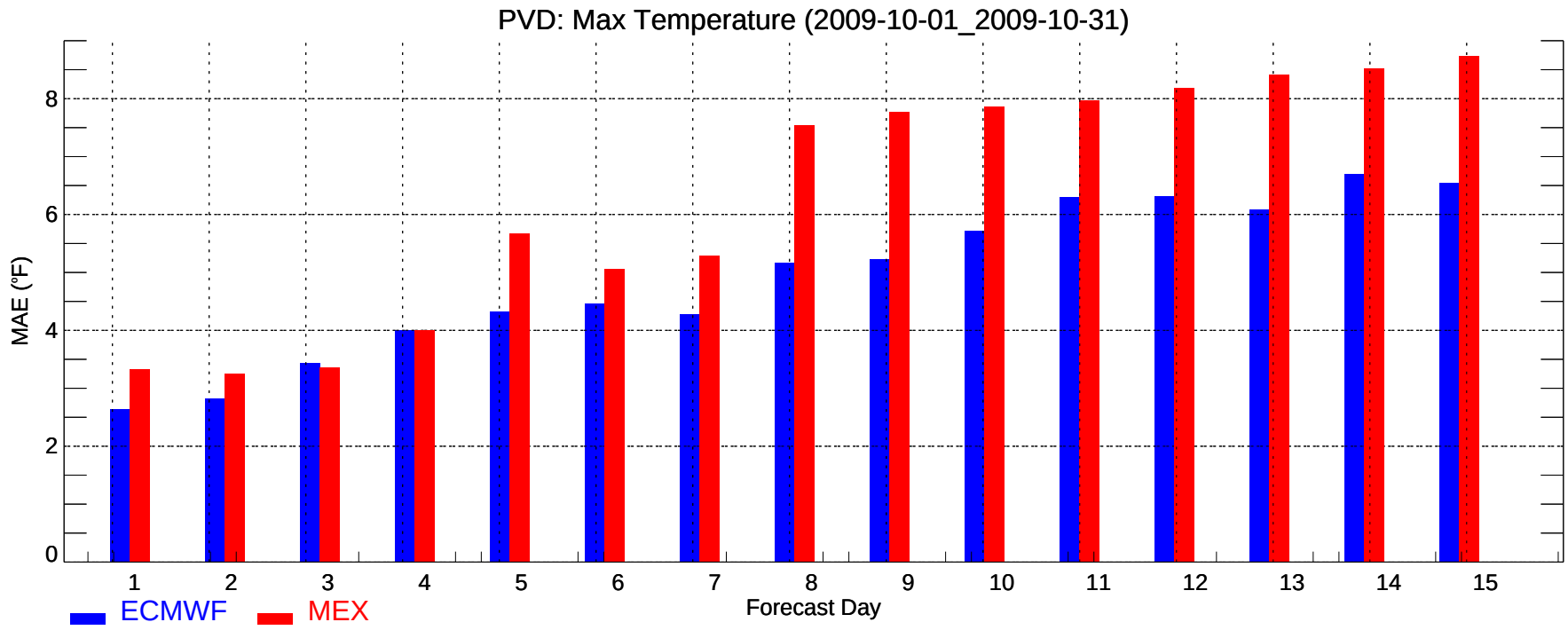

PIR: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

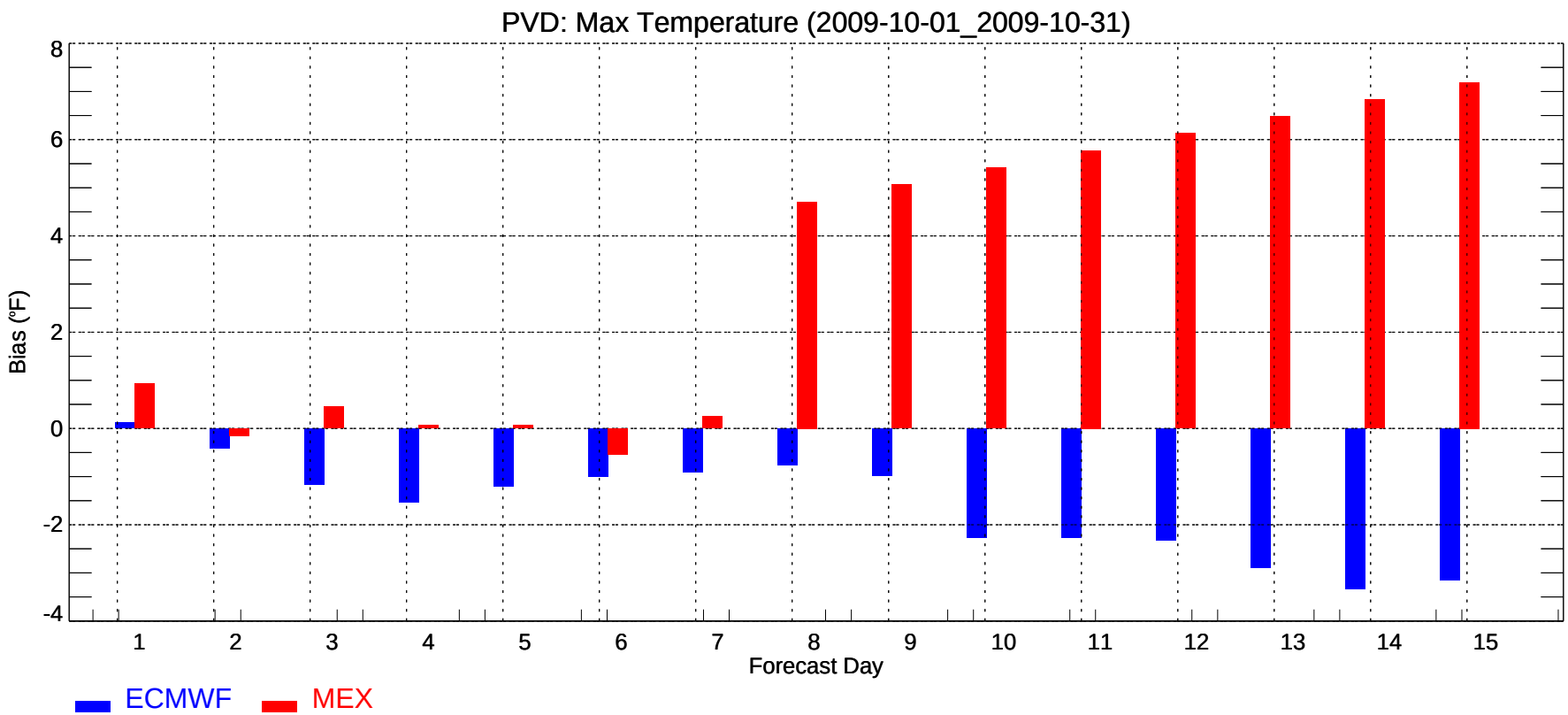

PIT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

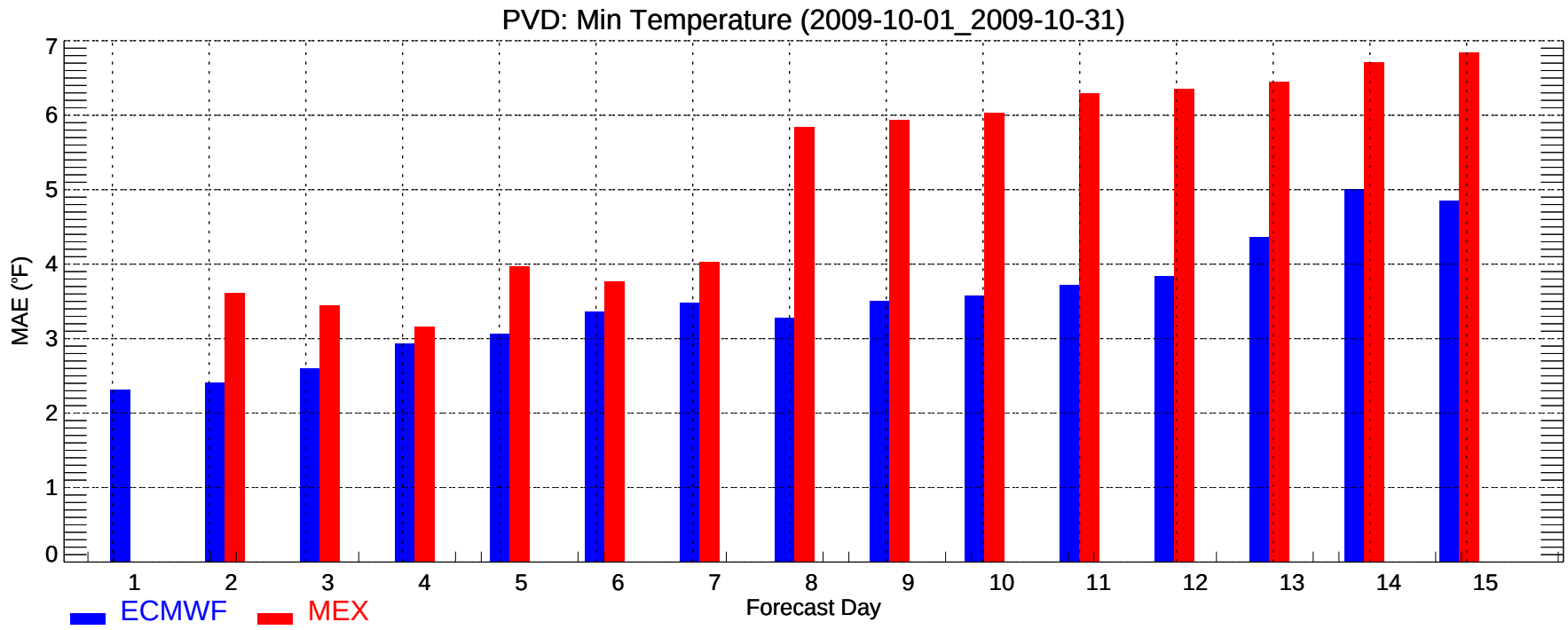

PIT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

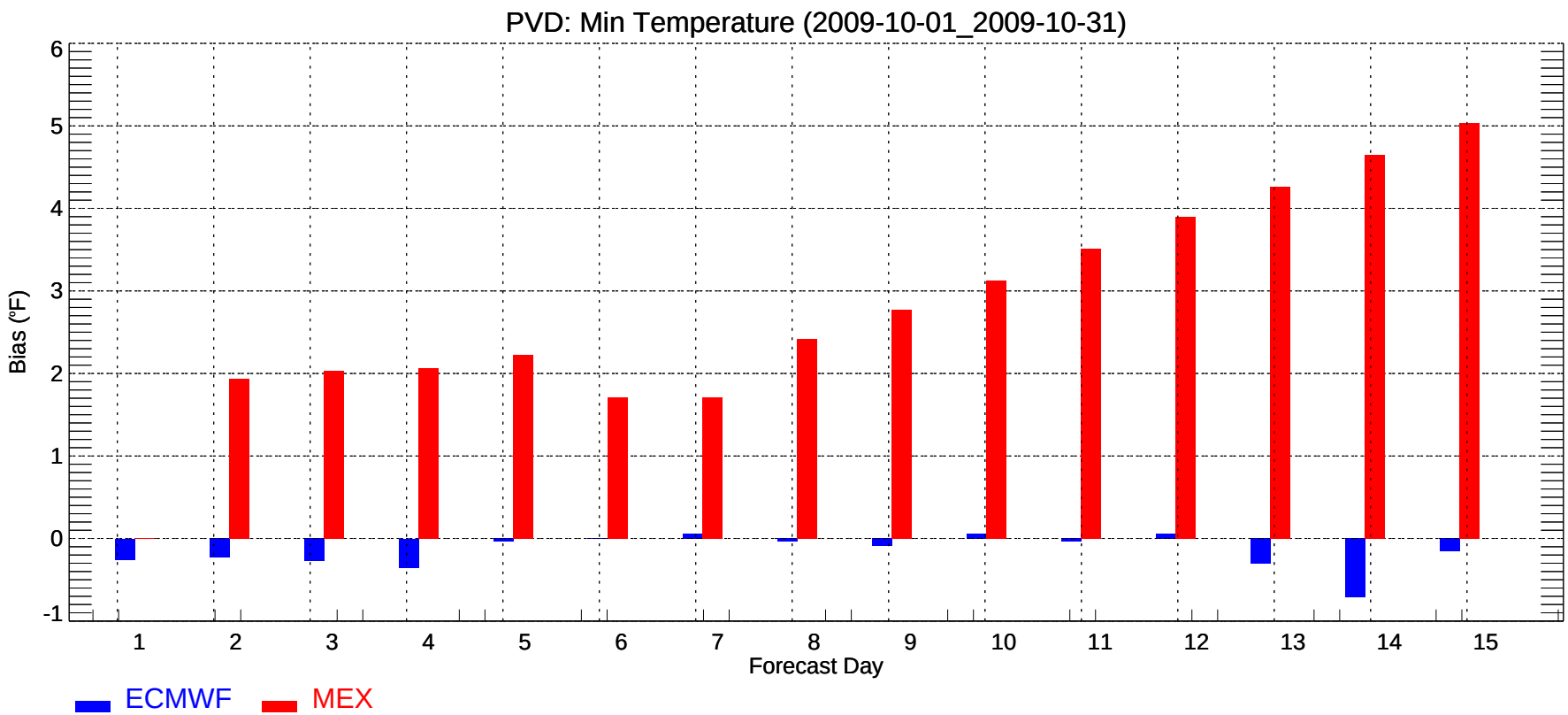

PIT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

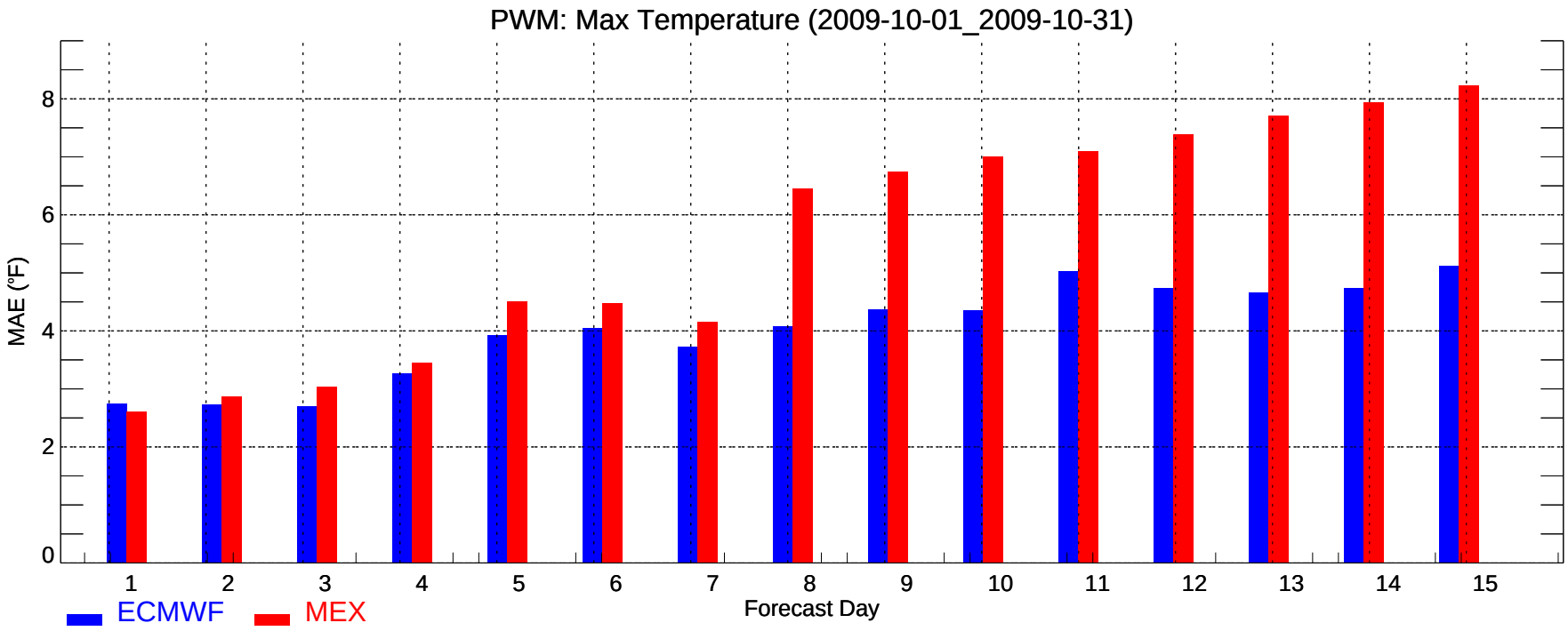

PIT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

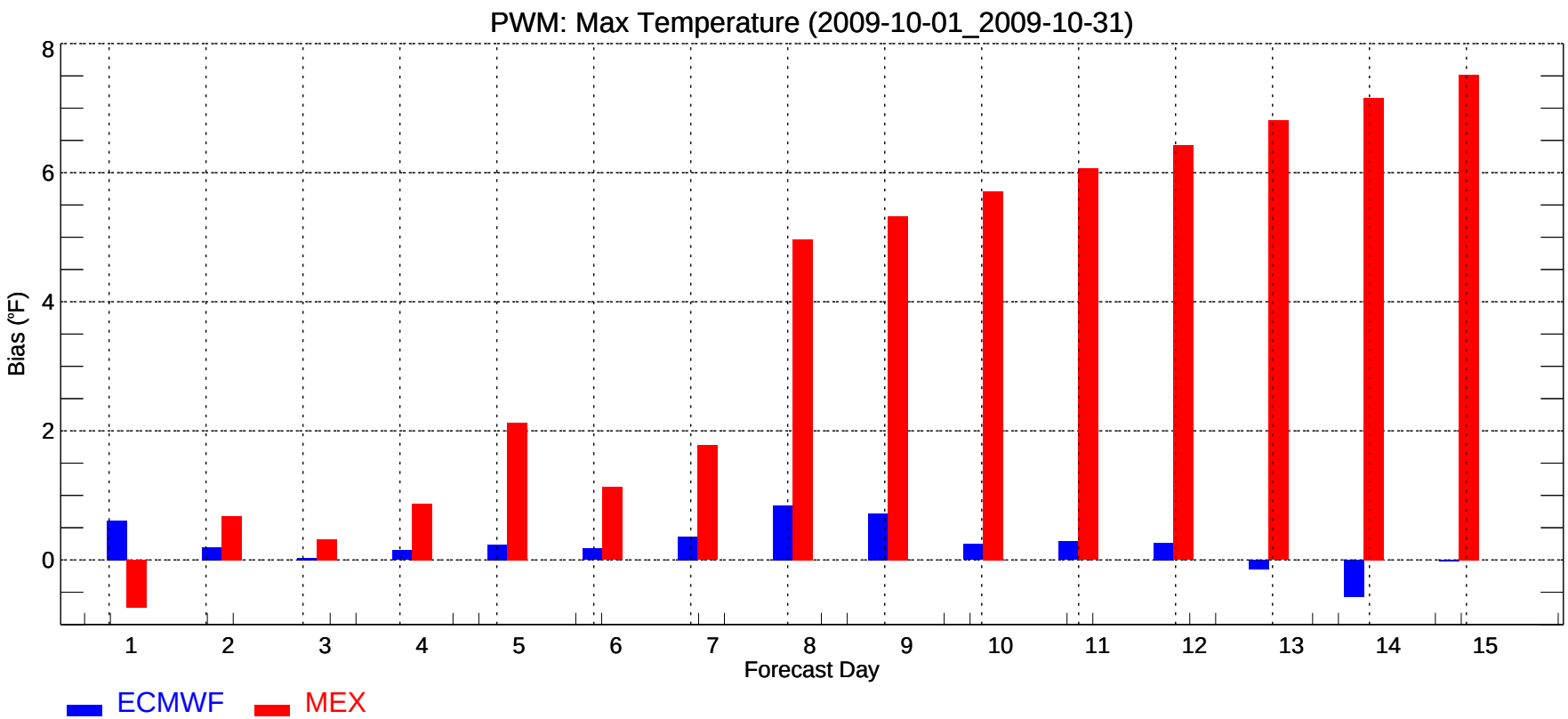

PVD: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

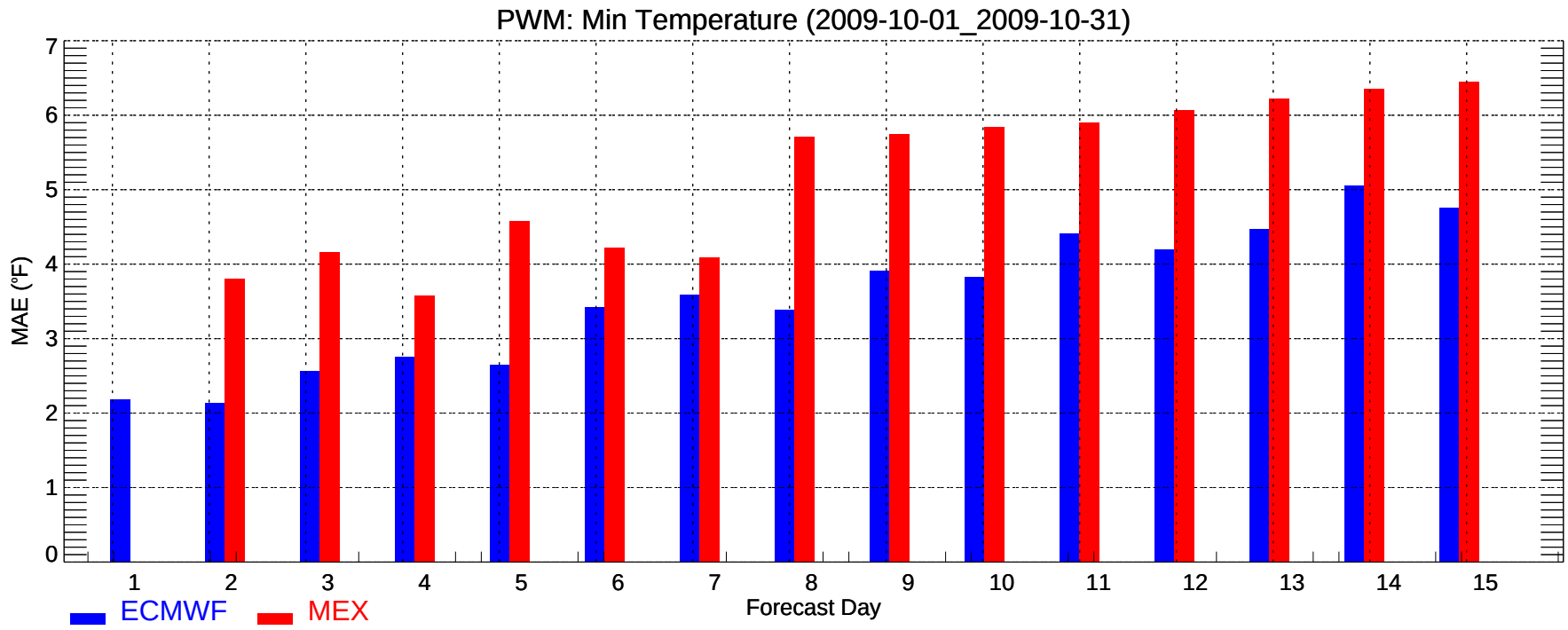

PVD: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
8
6
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

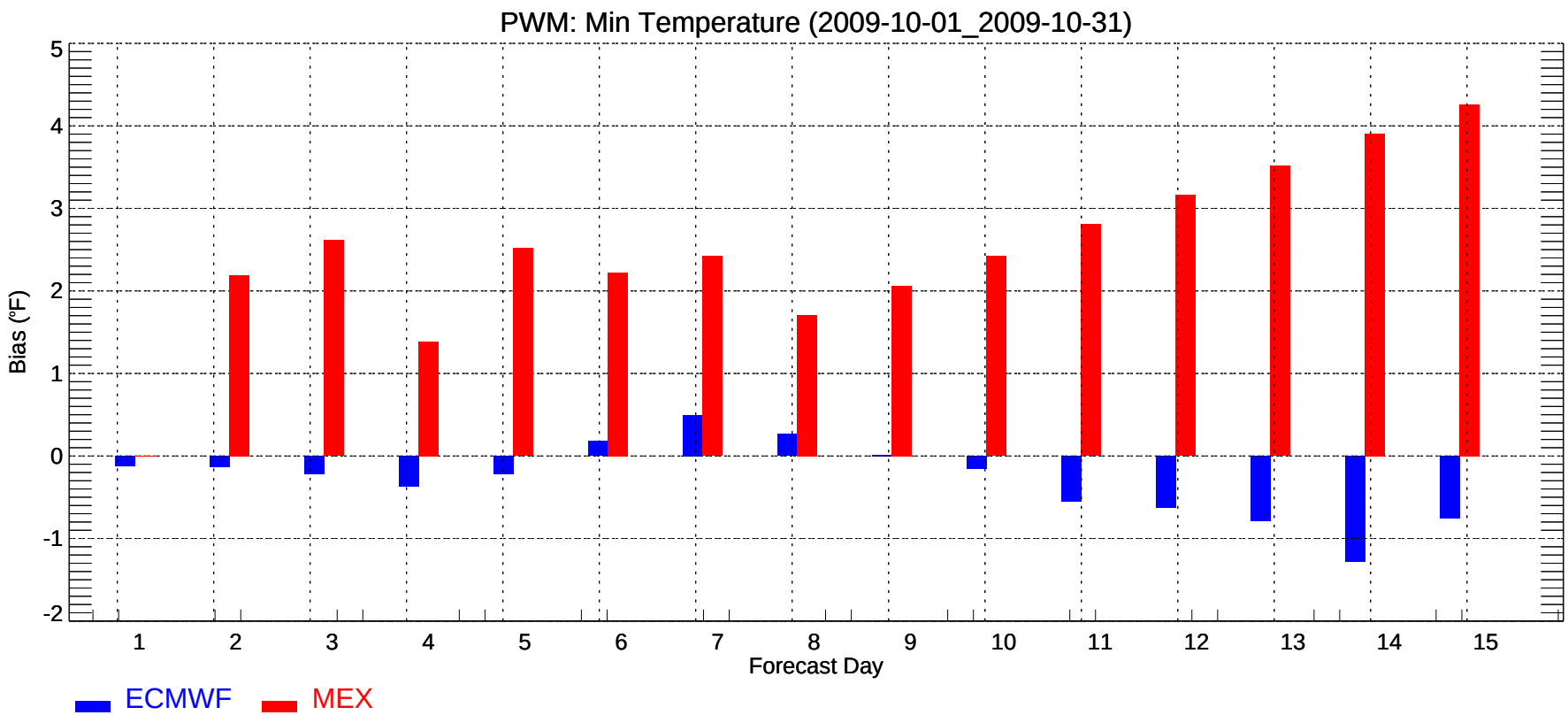

PVD: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

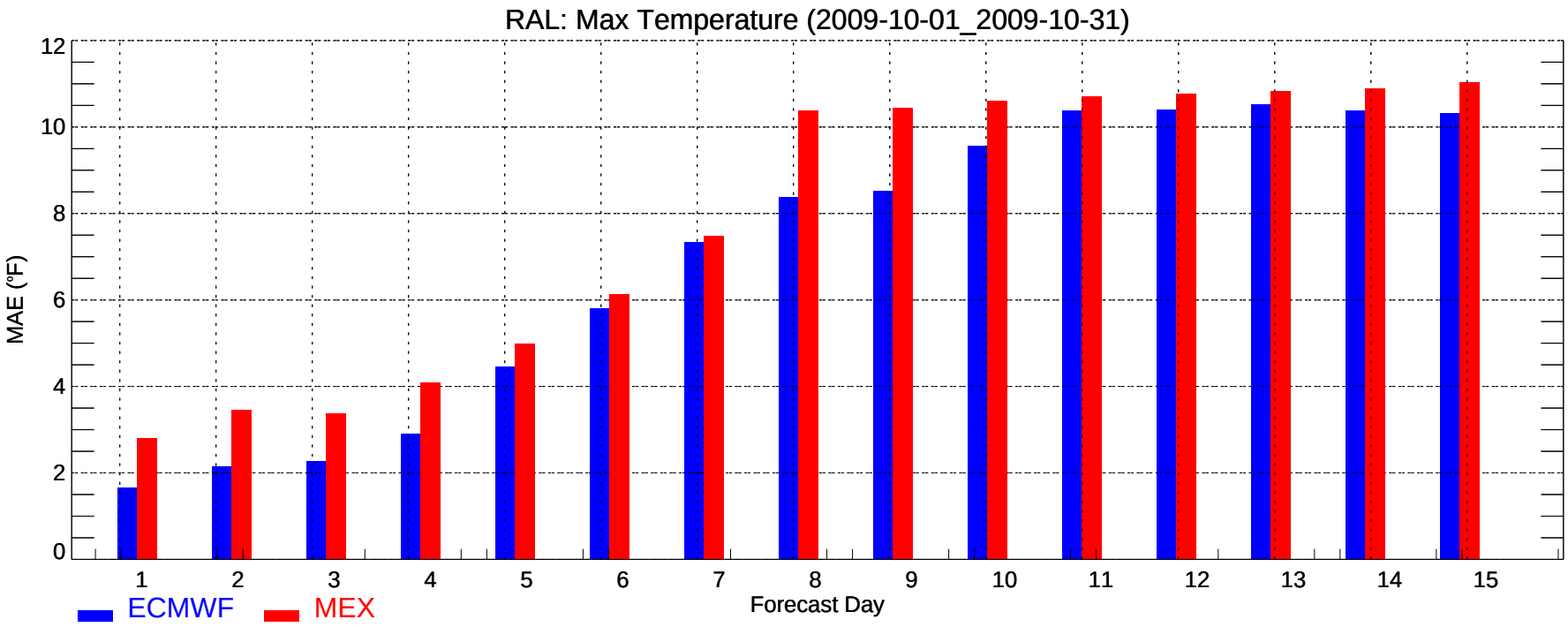

PVD: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

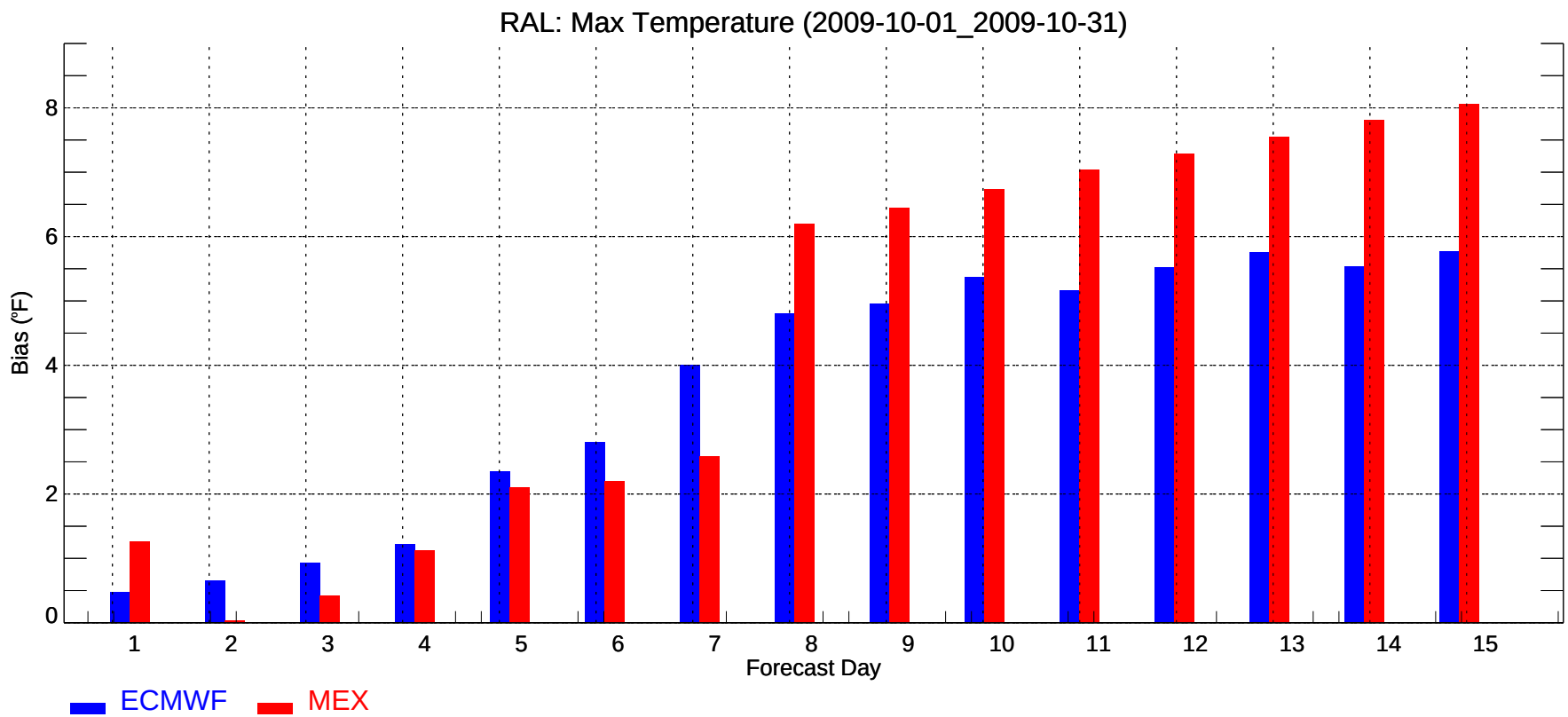

PWM: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

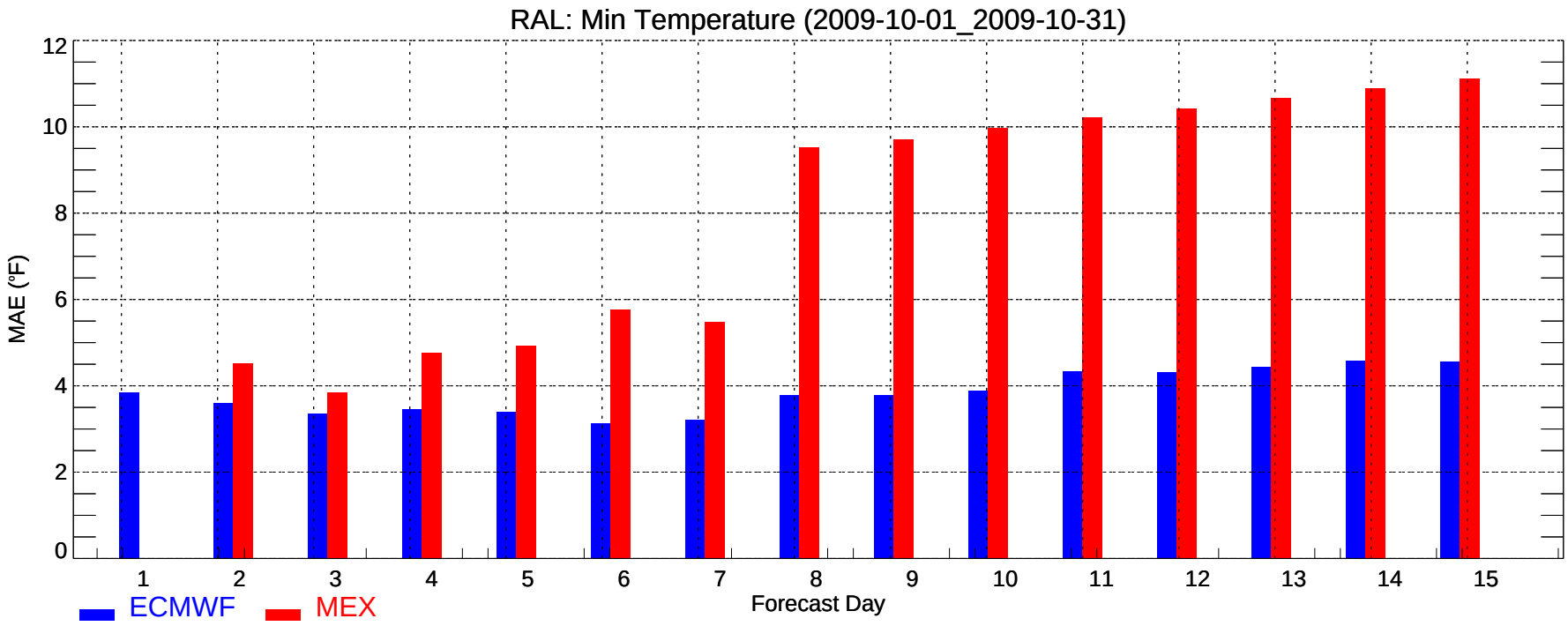

PWM: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

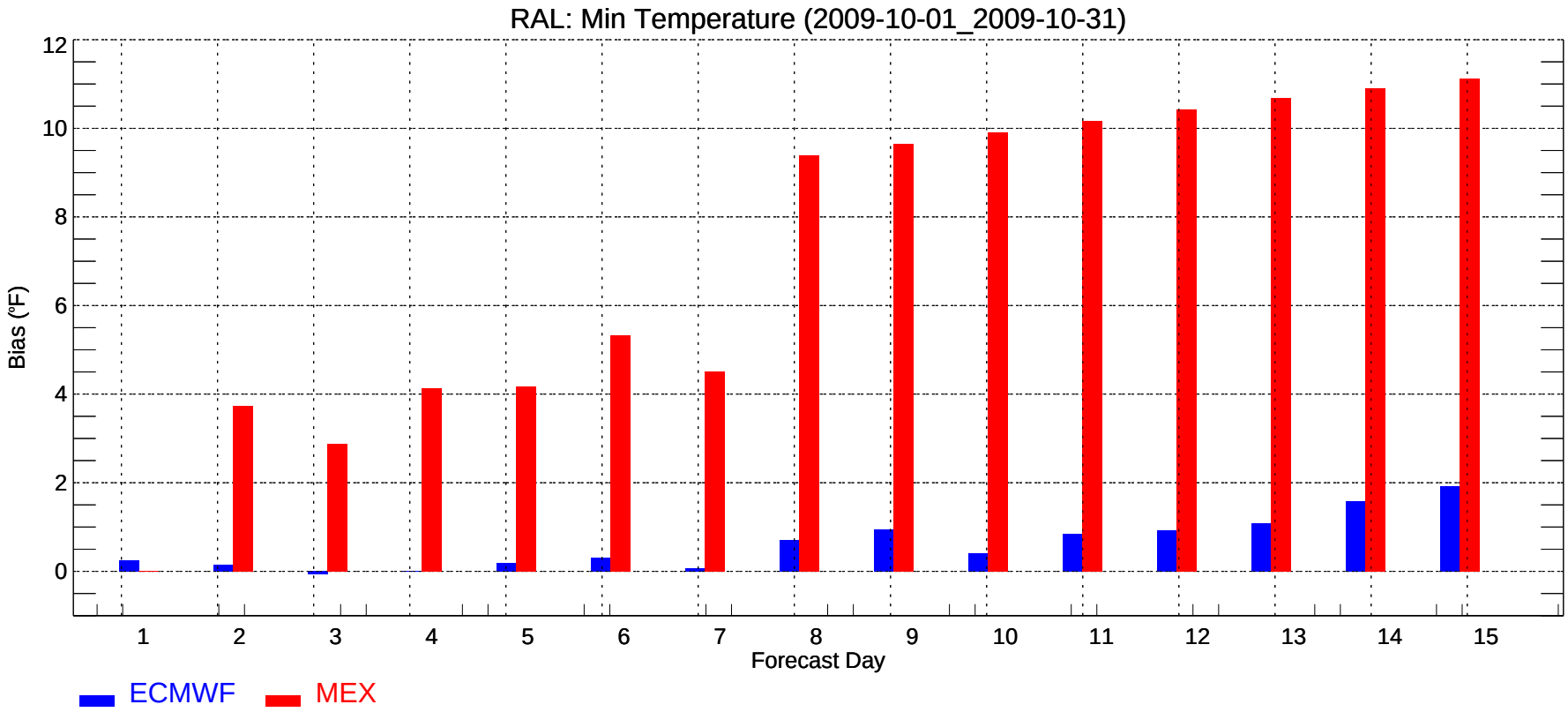

PWM: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

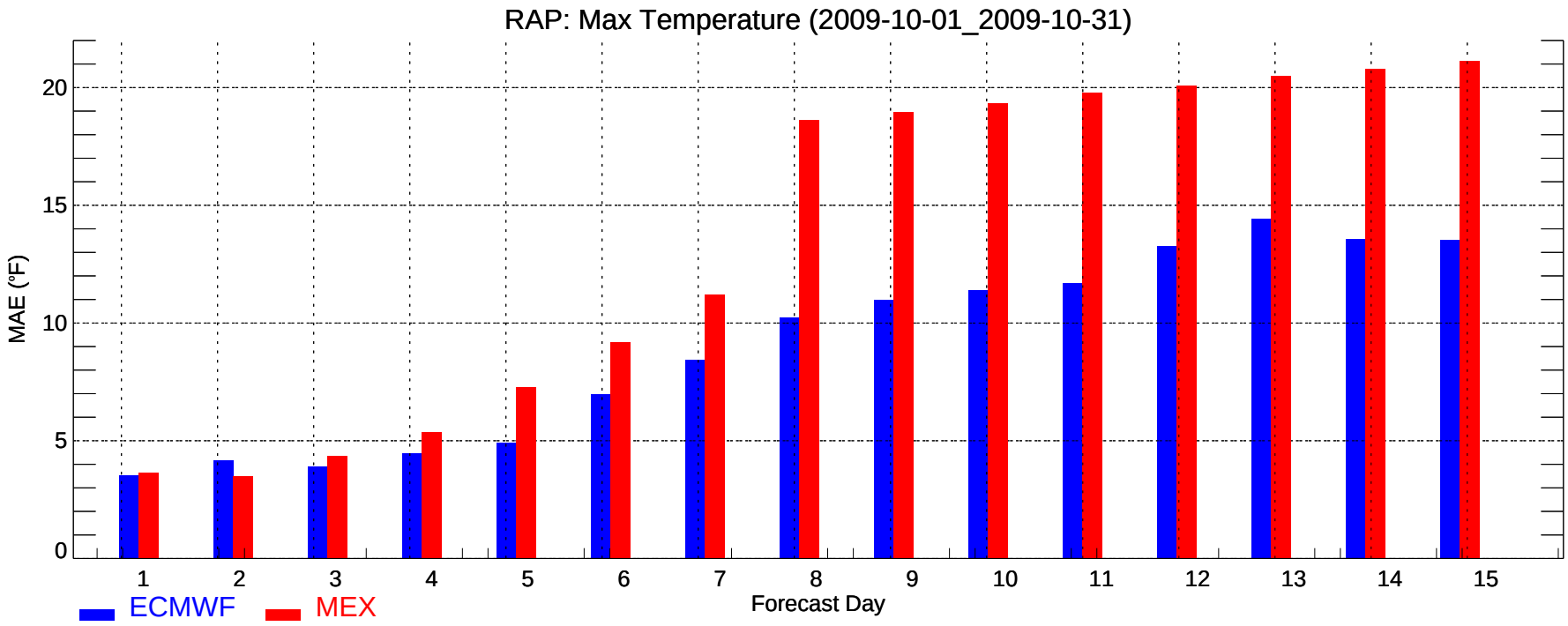

PWM: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

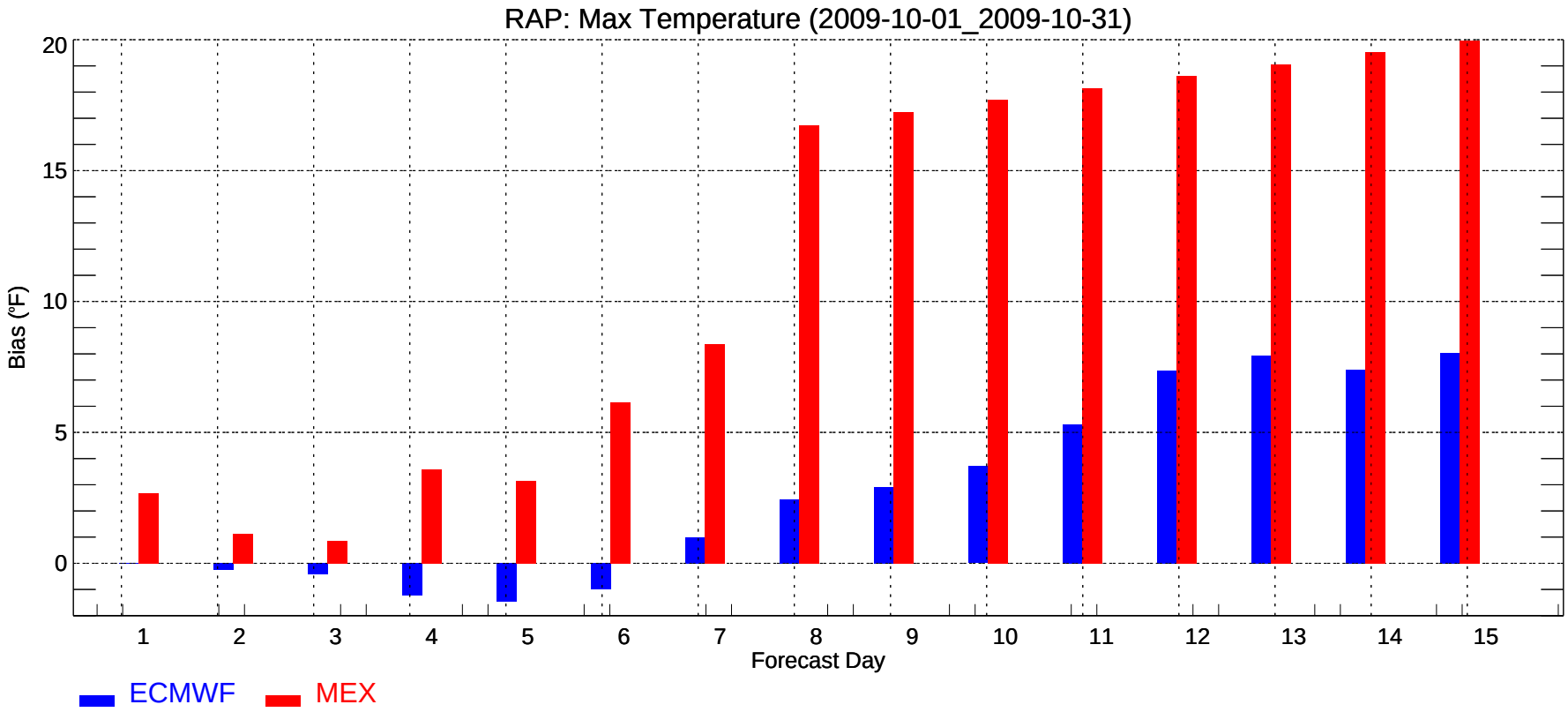

RAL: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

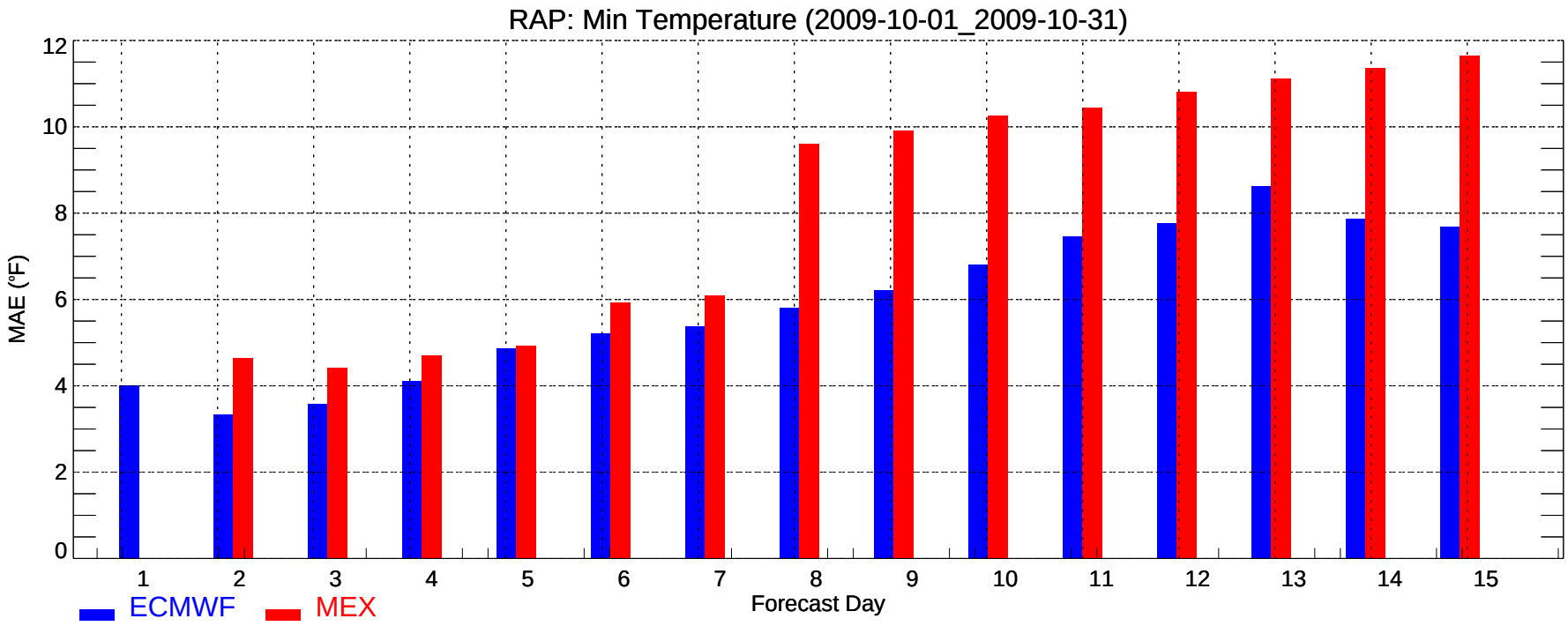

RAL: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

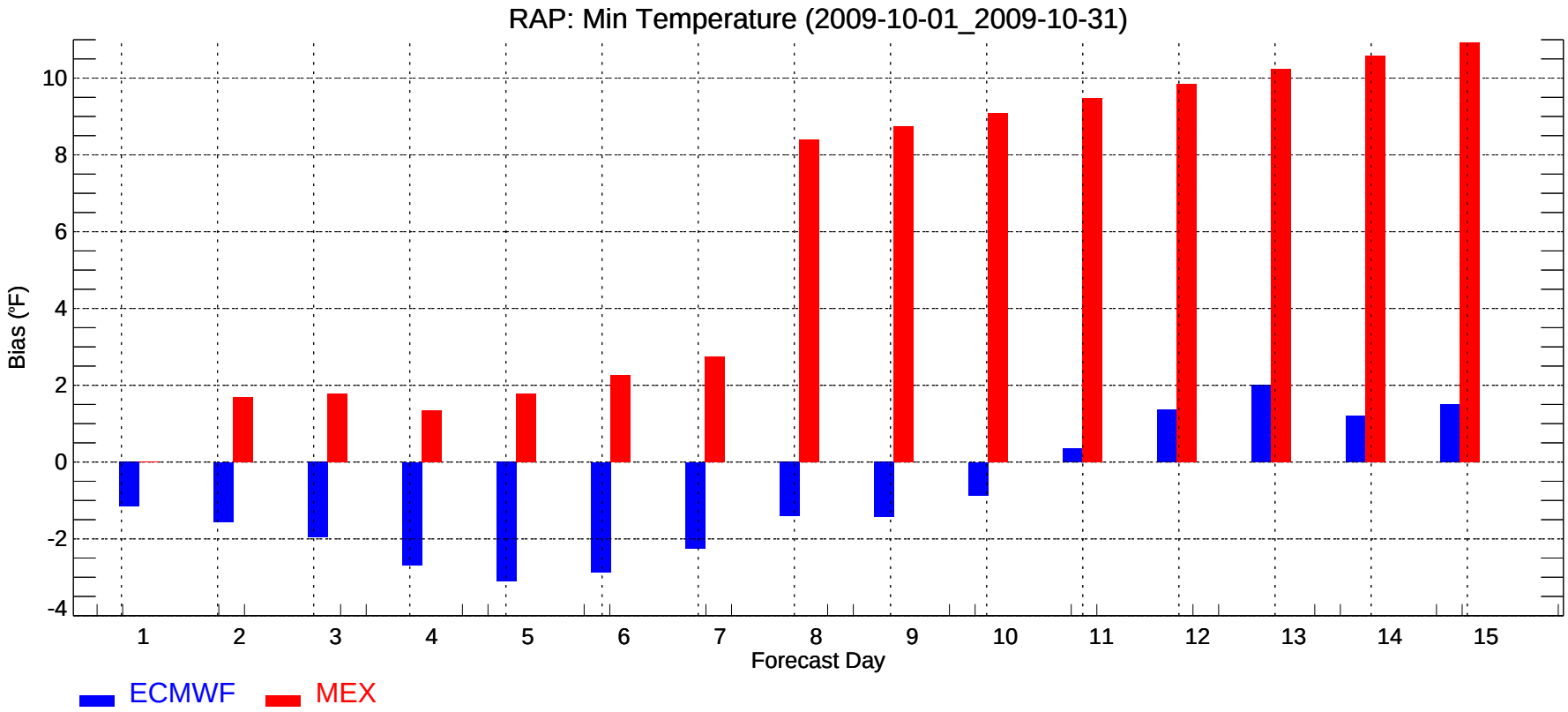

RAL: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

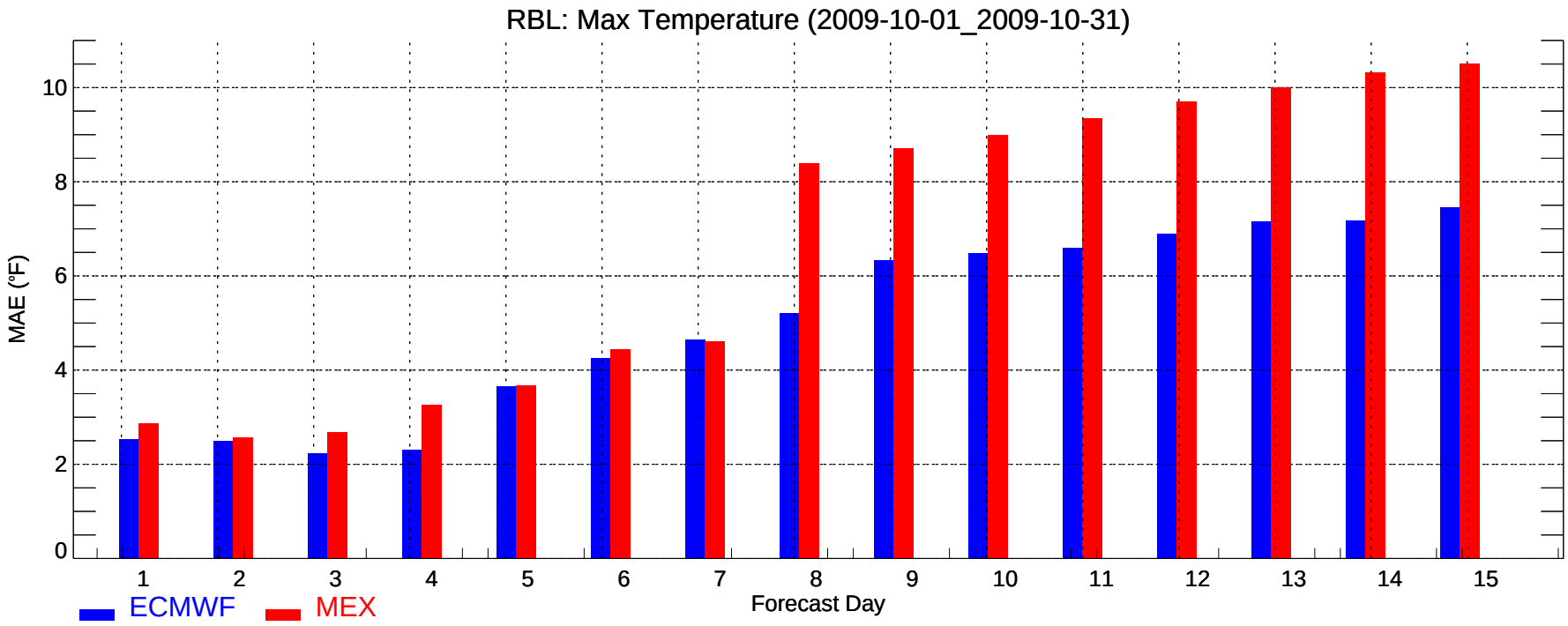

RAL: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

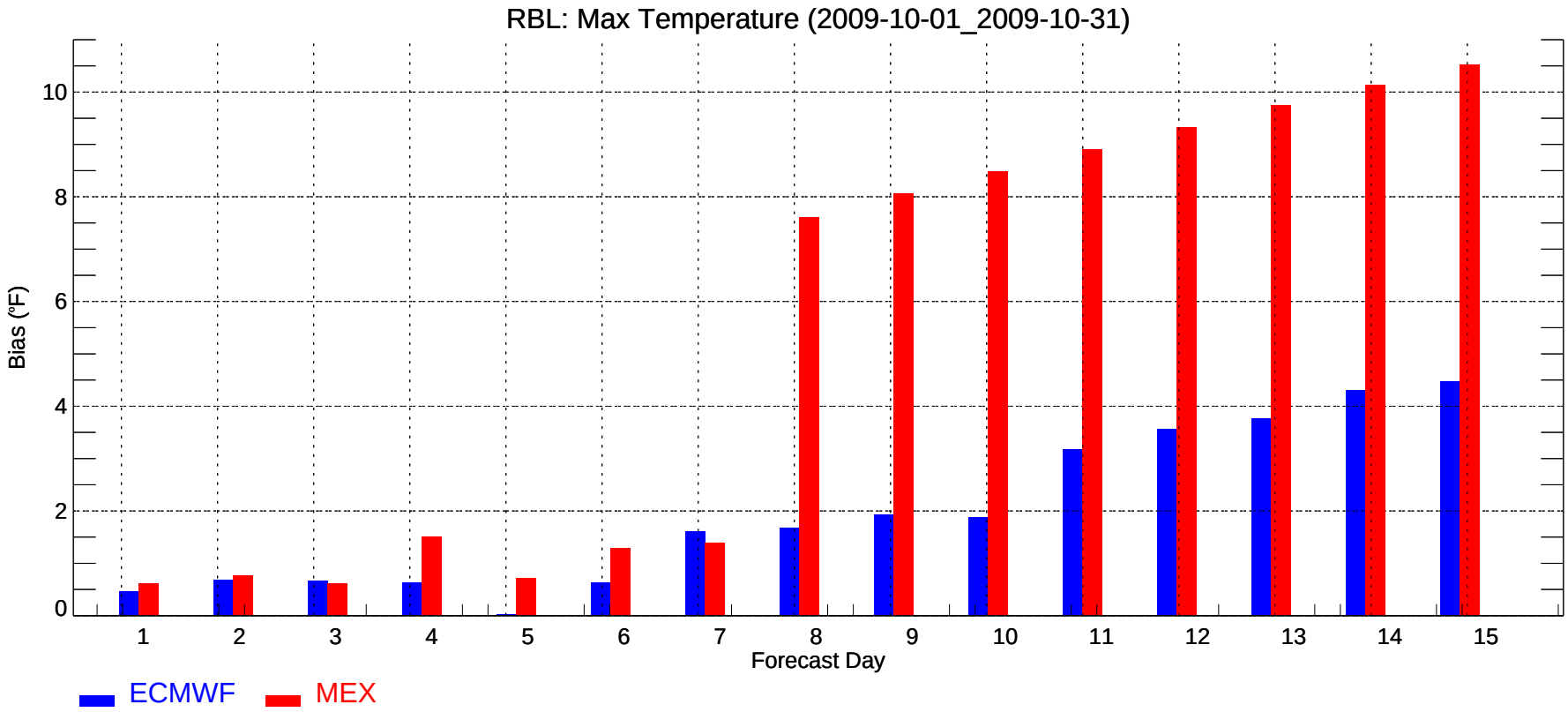

RAP: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
5
10
15
20
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

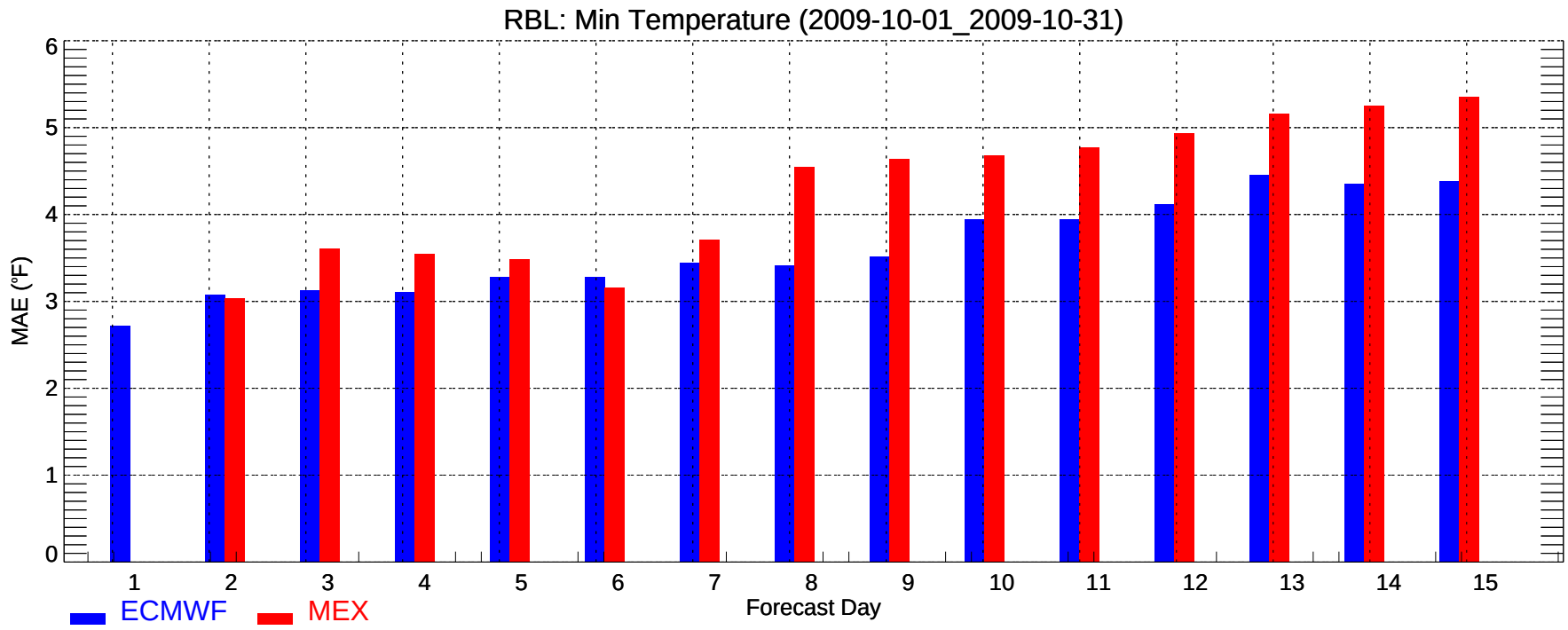

RAP: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
20
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RAP: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RAP: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-4
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RBL: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RBL: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RBL: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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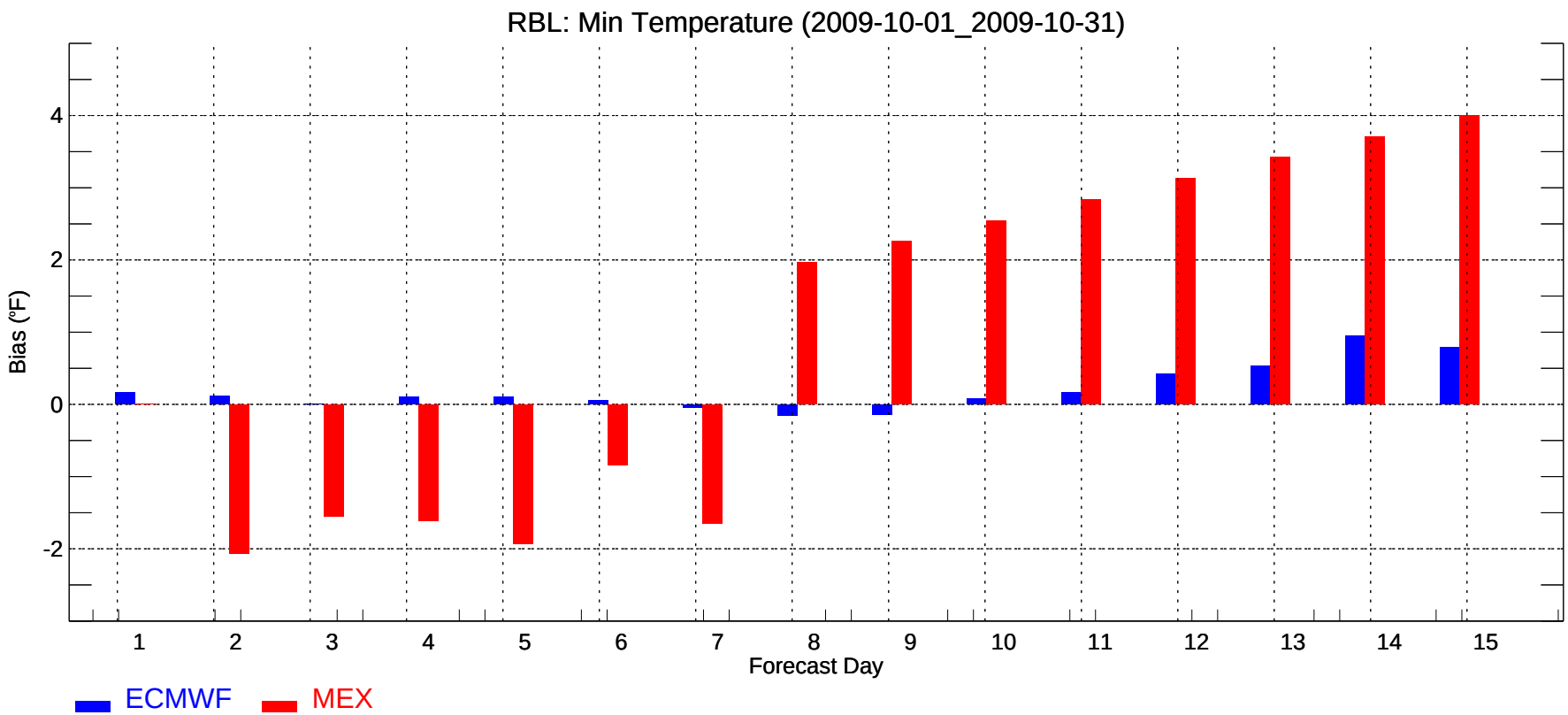
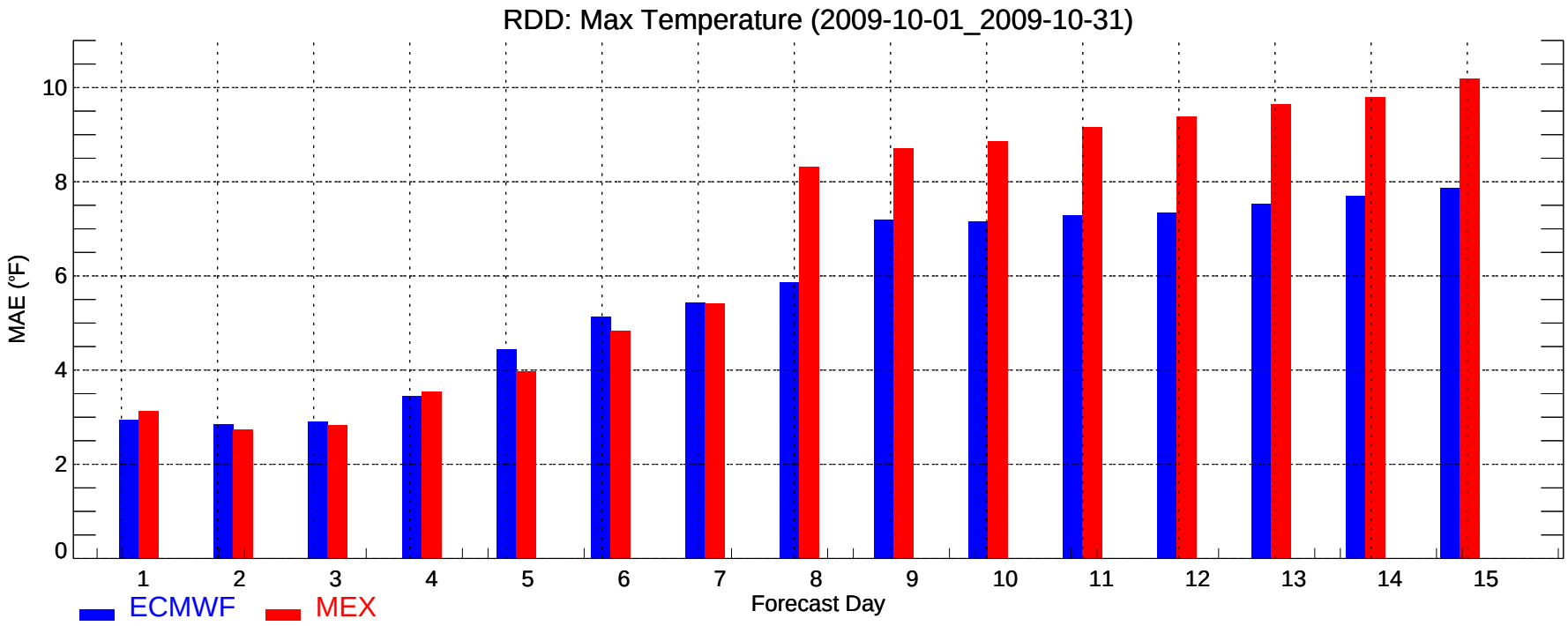
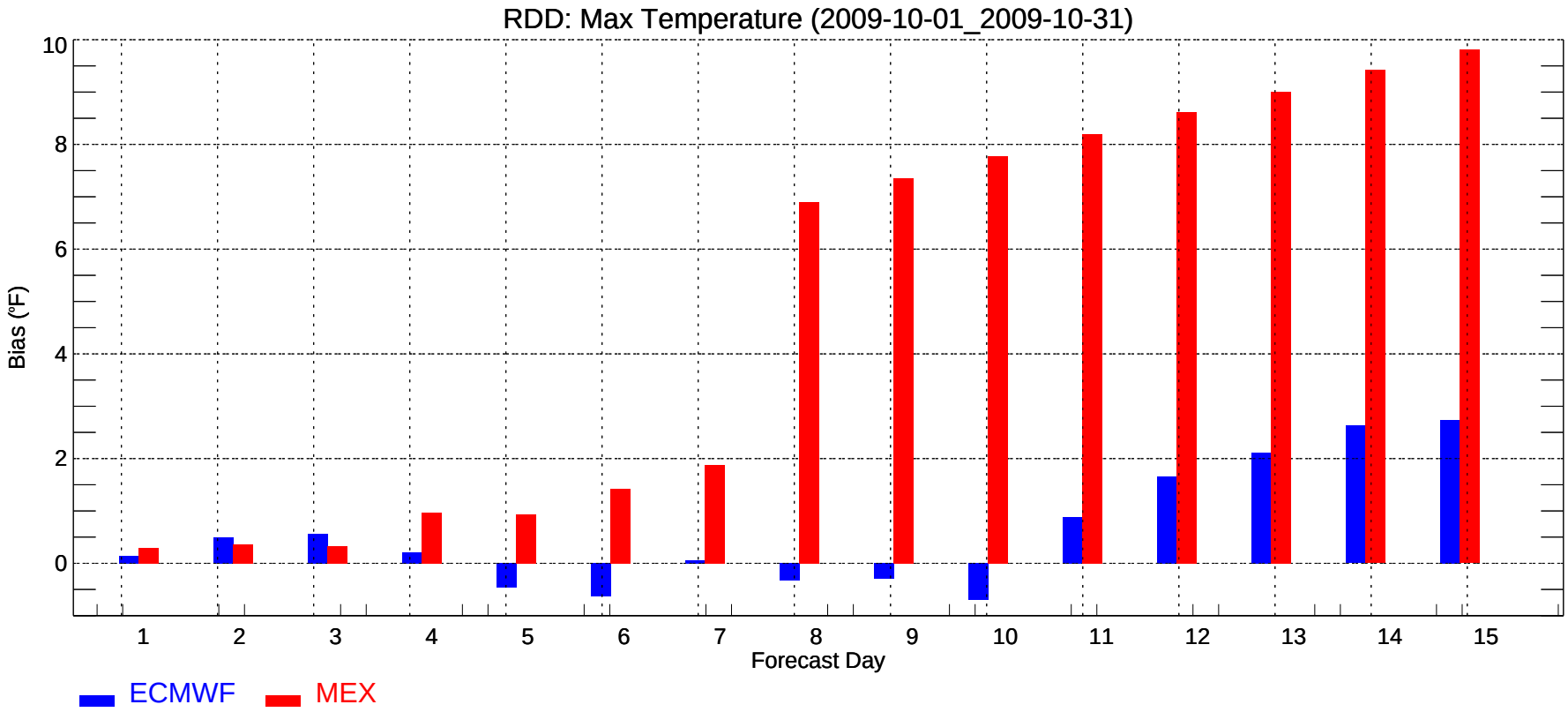
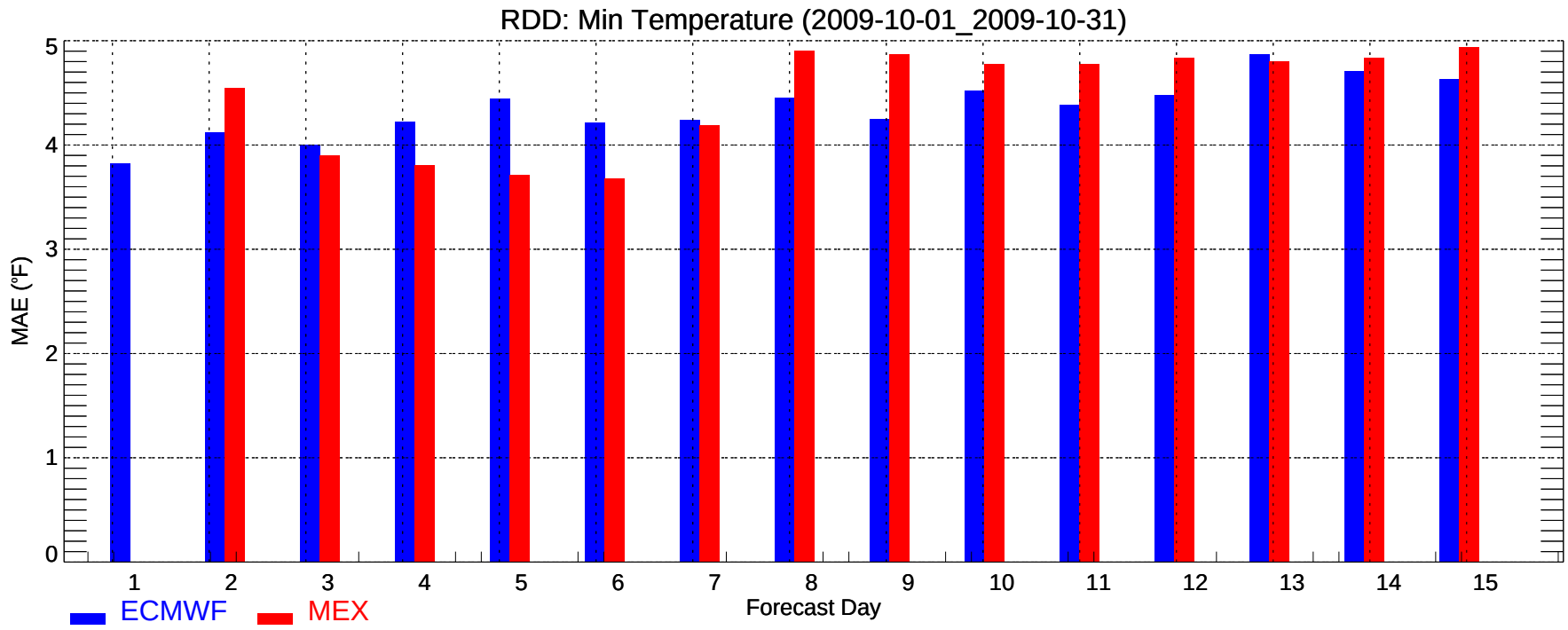
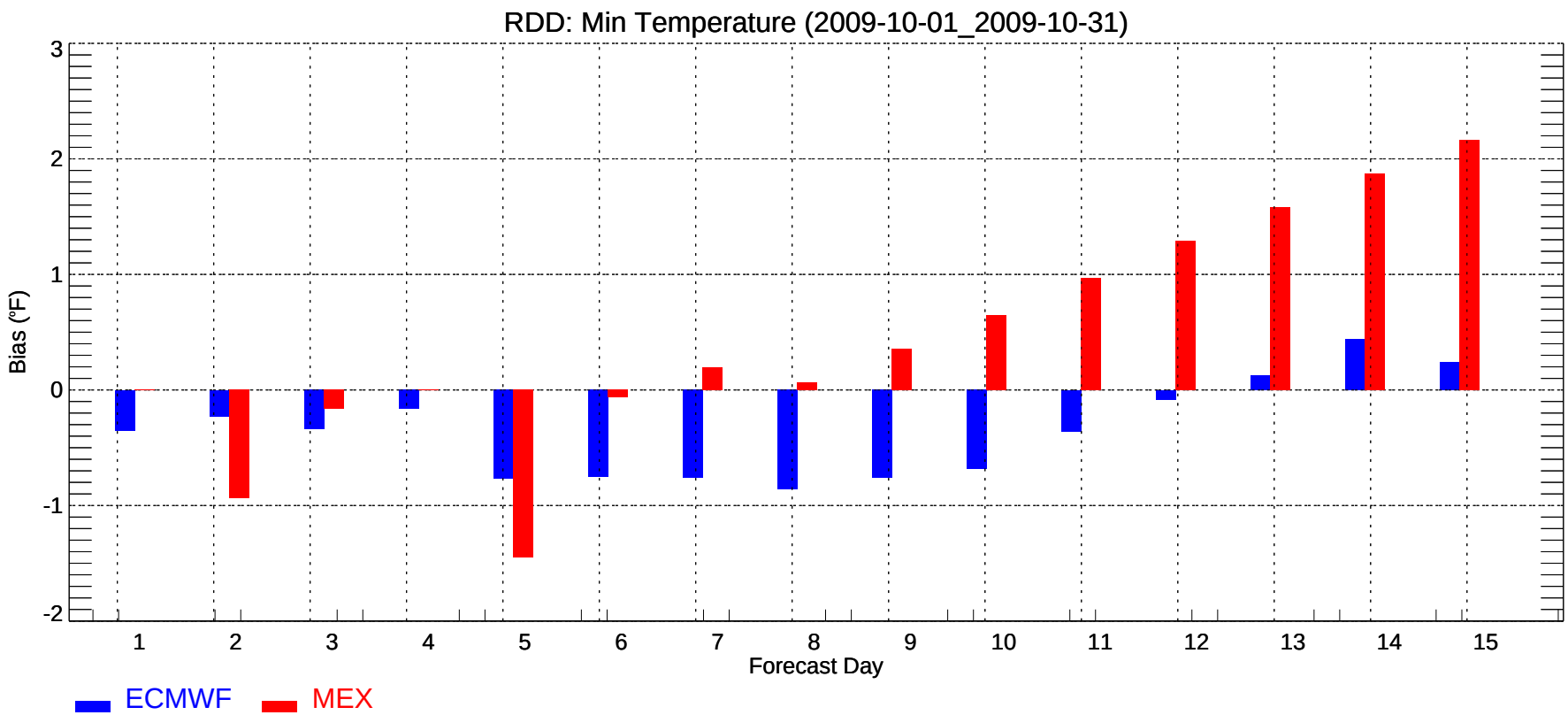
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

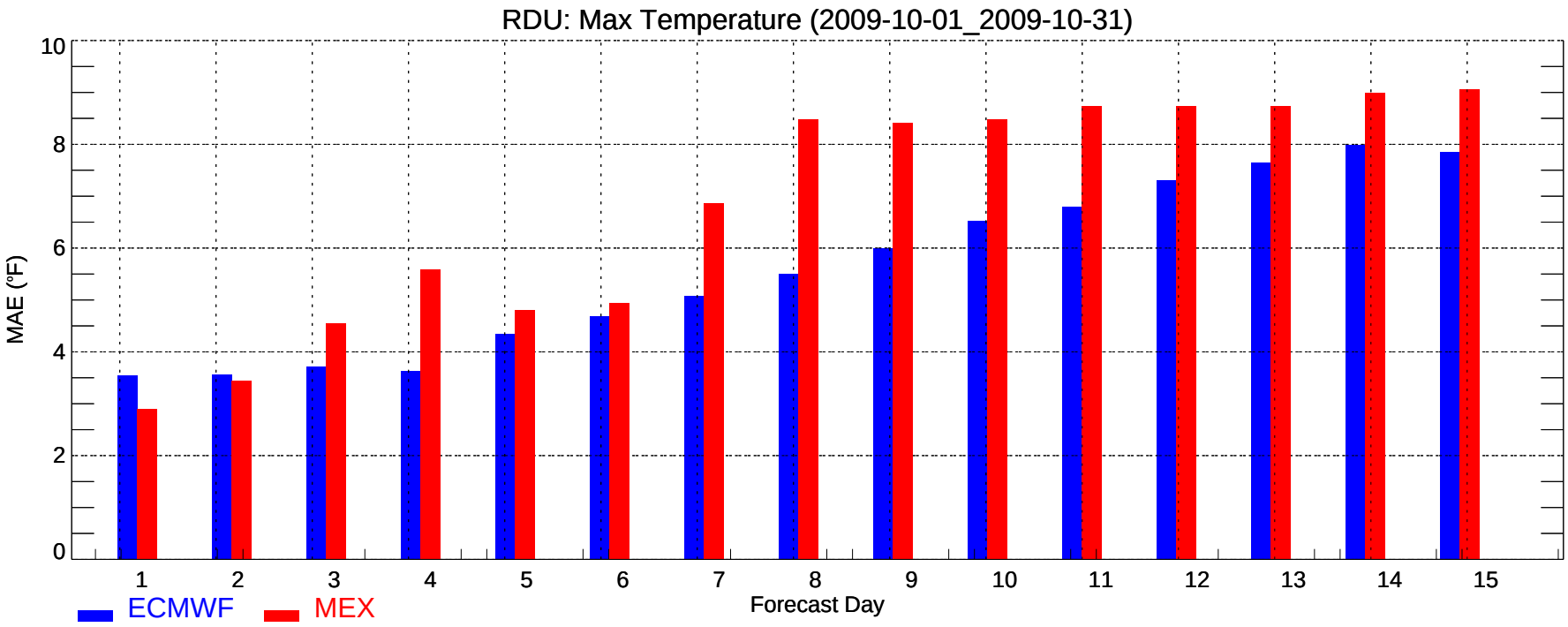

RBL: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
4
2
0
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

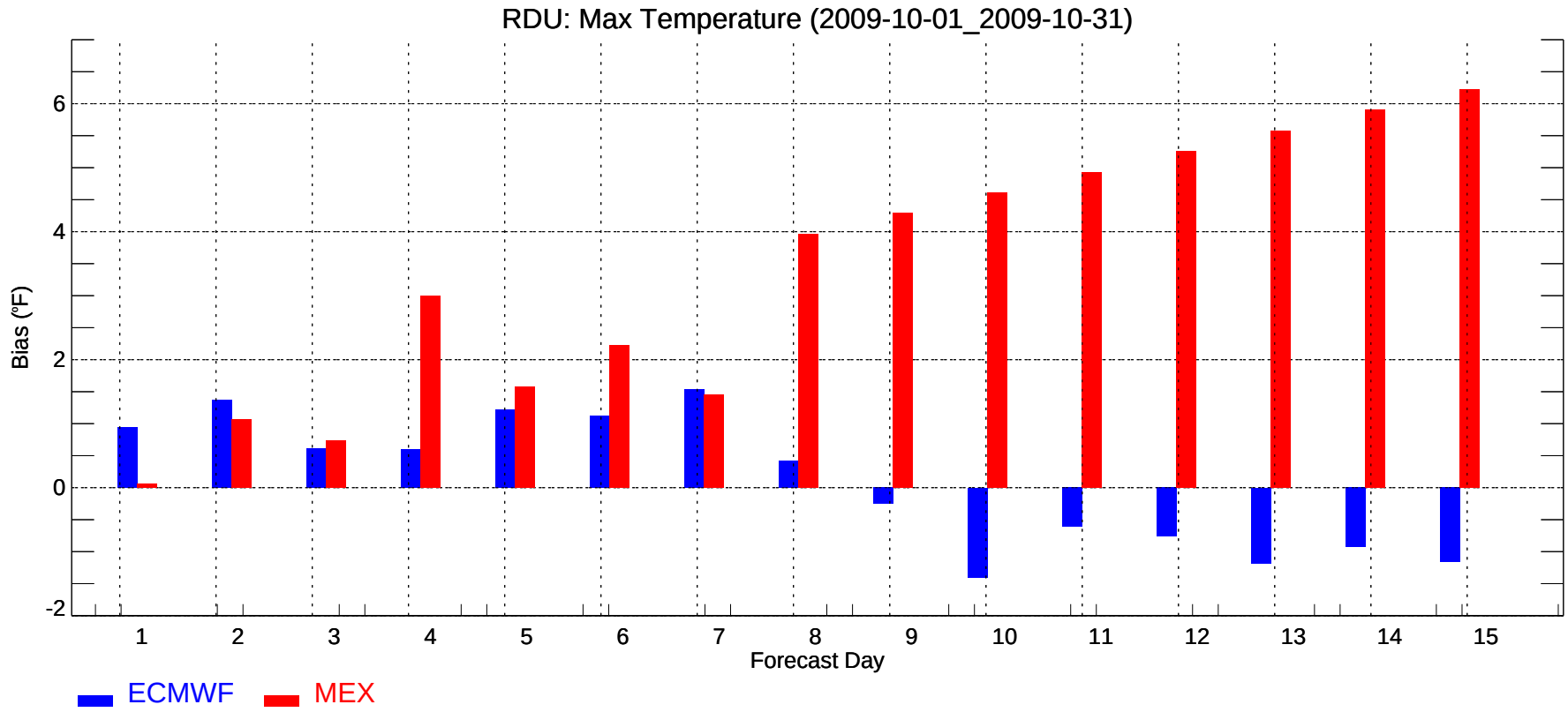

RDD: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

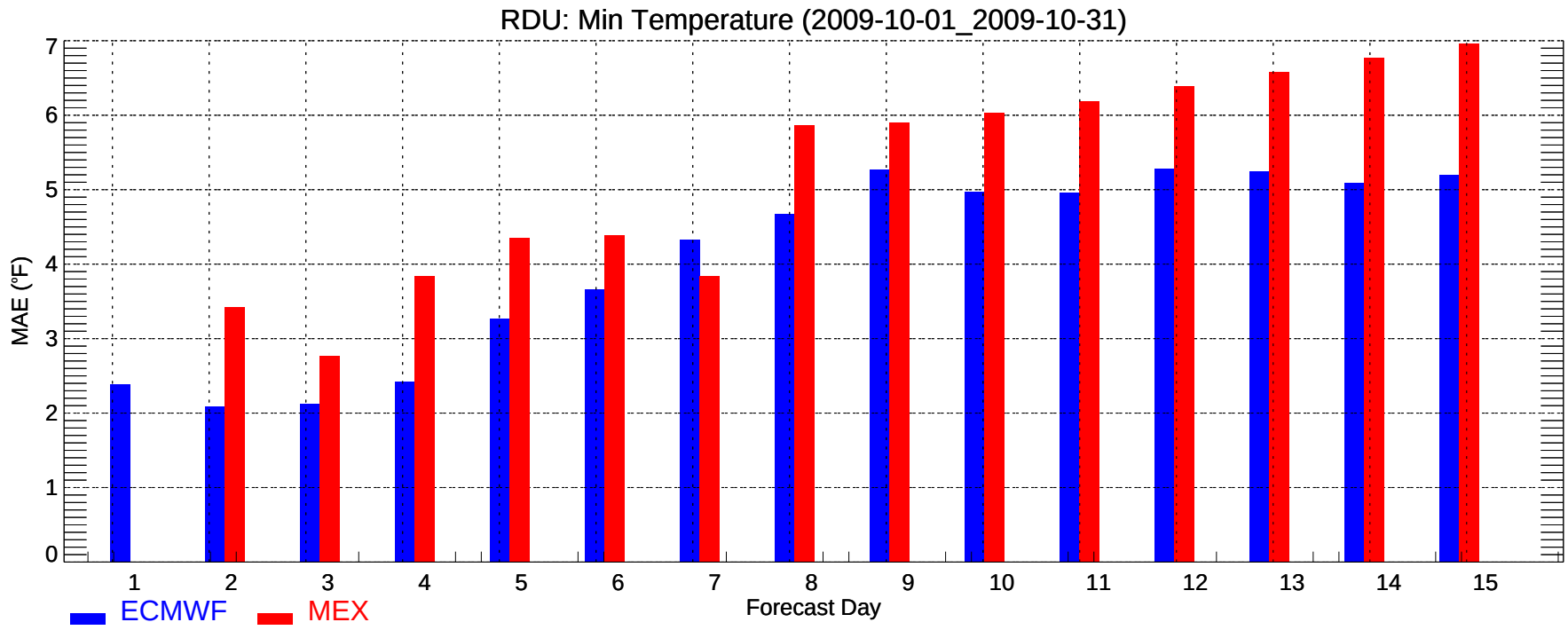

RDD: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

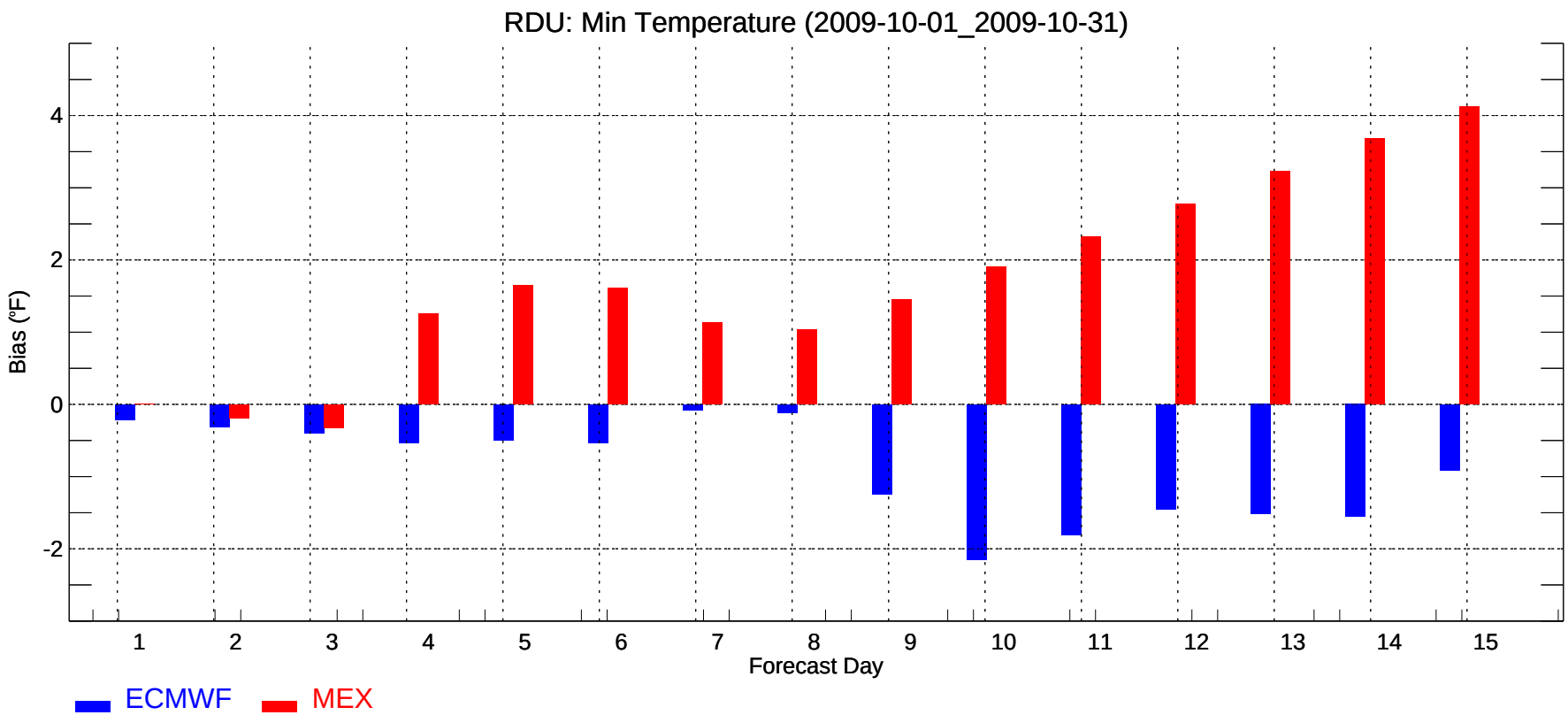

RDD: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RDD: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RDU: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RDU: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RDU: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RDU: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
1
2
3
4
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6
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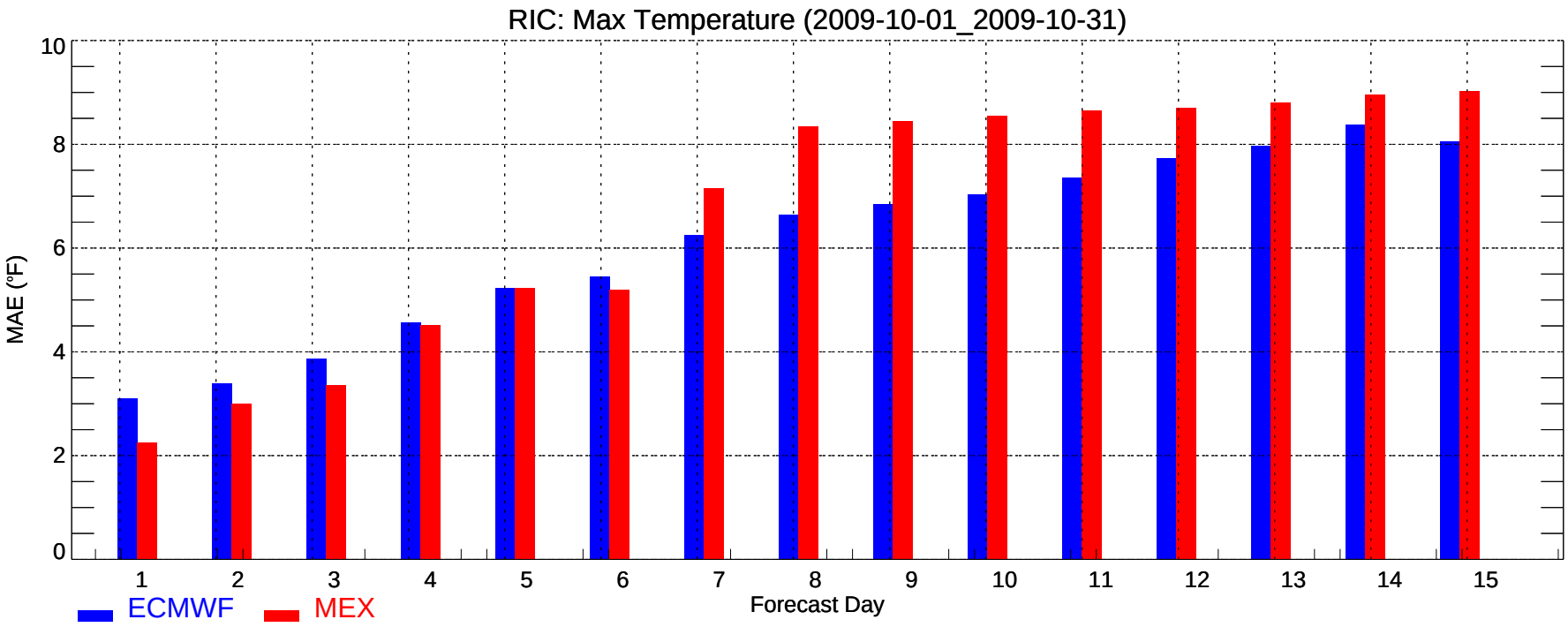
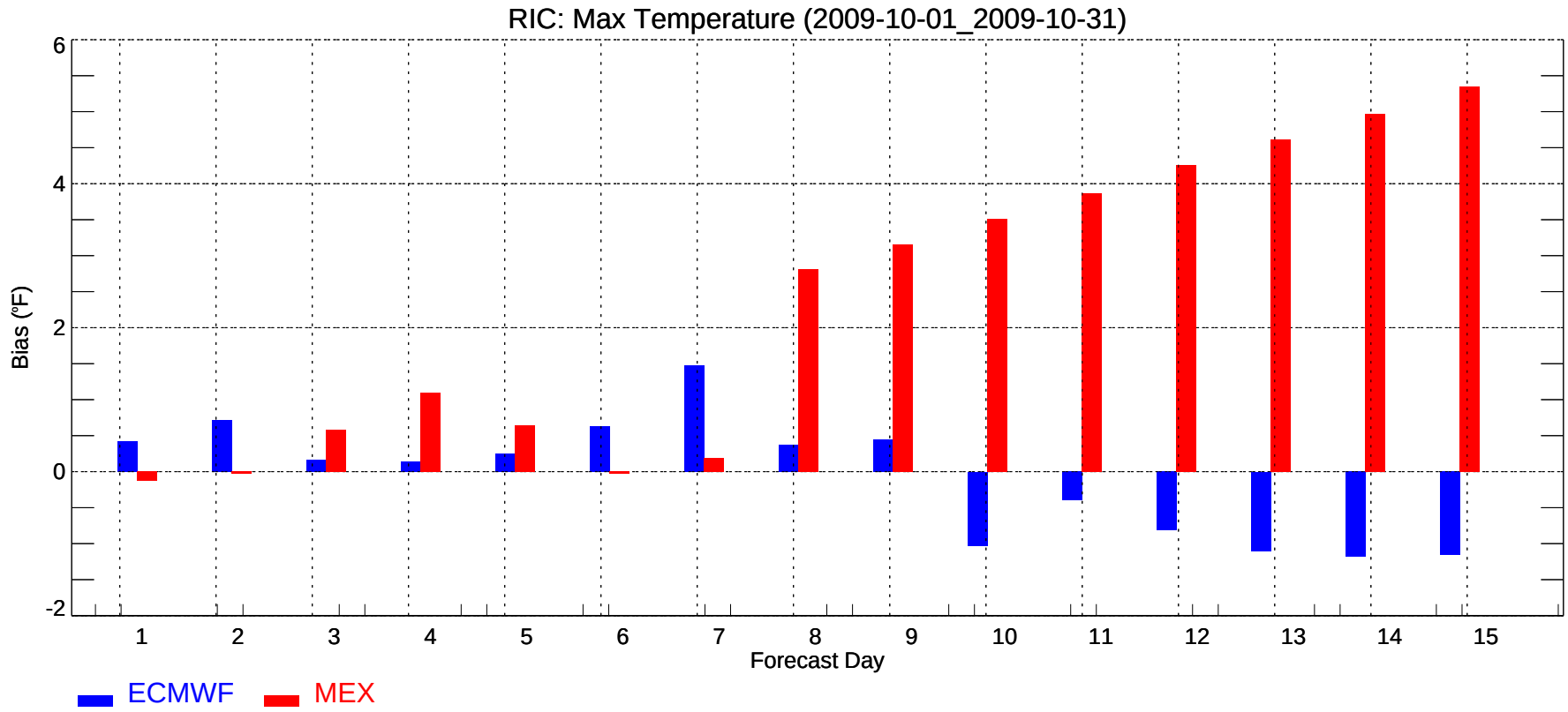
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RIC: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RIC: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
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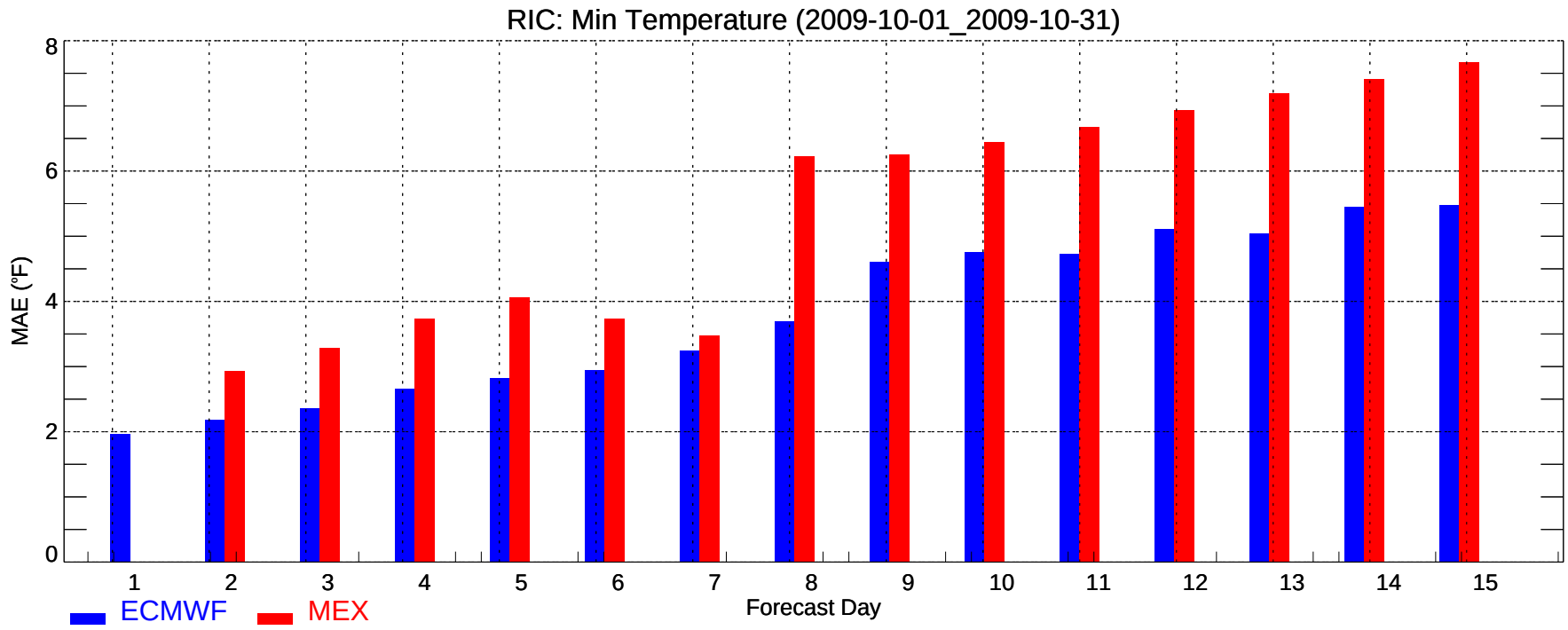
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RIC: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
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8
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10
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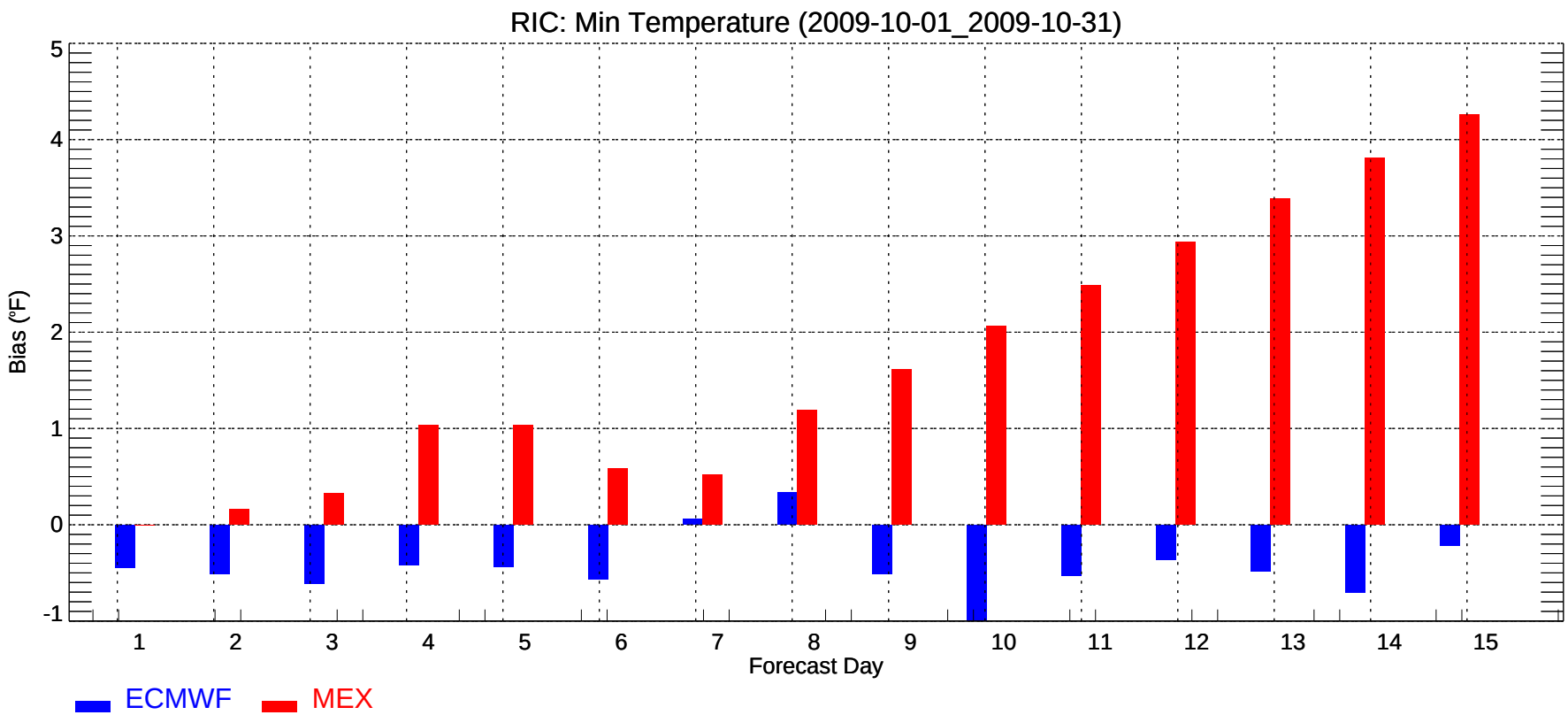
12
13
14
15
Forecast Day
ECMWF
MEX


RIC: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
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1
2
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8
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13
14
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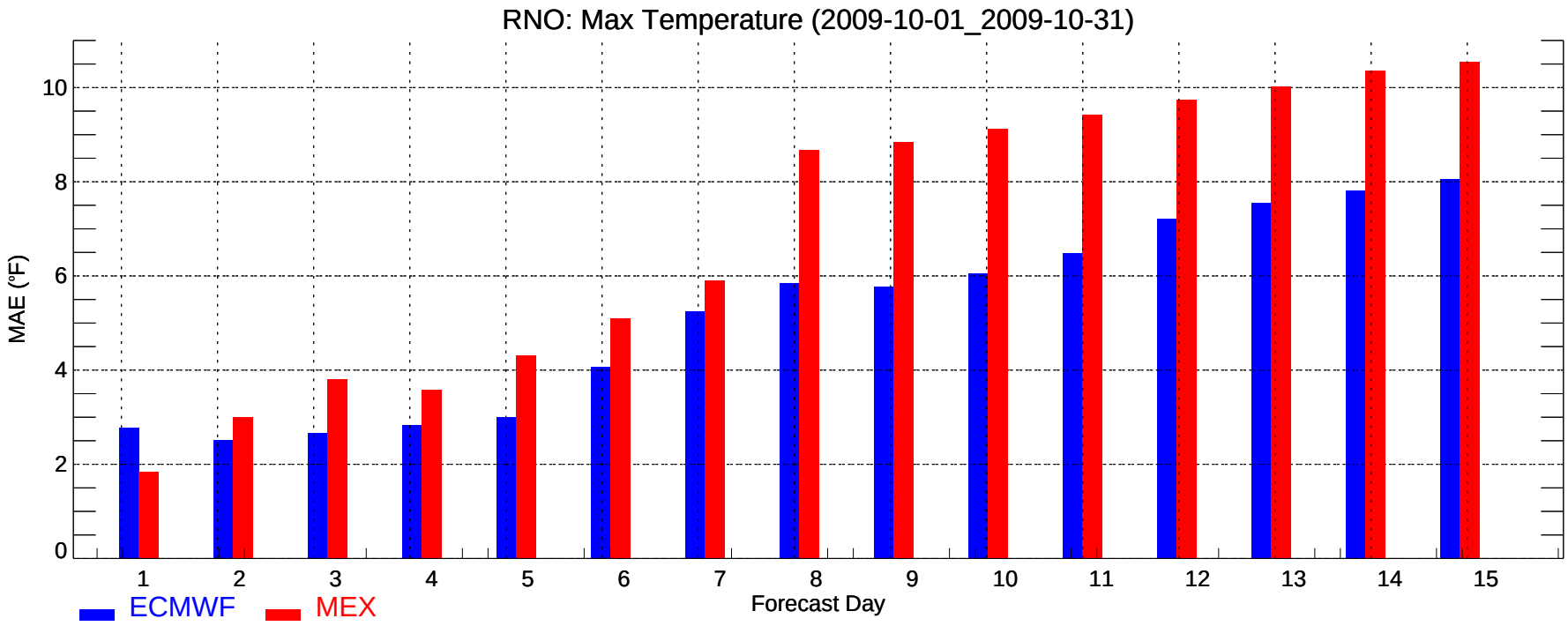
Forecast Day
ECMWF
MEX


RNO: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
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1
2
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6
7
8
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10
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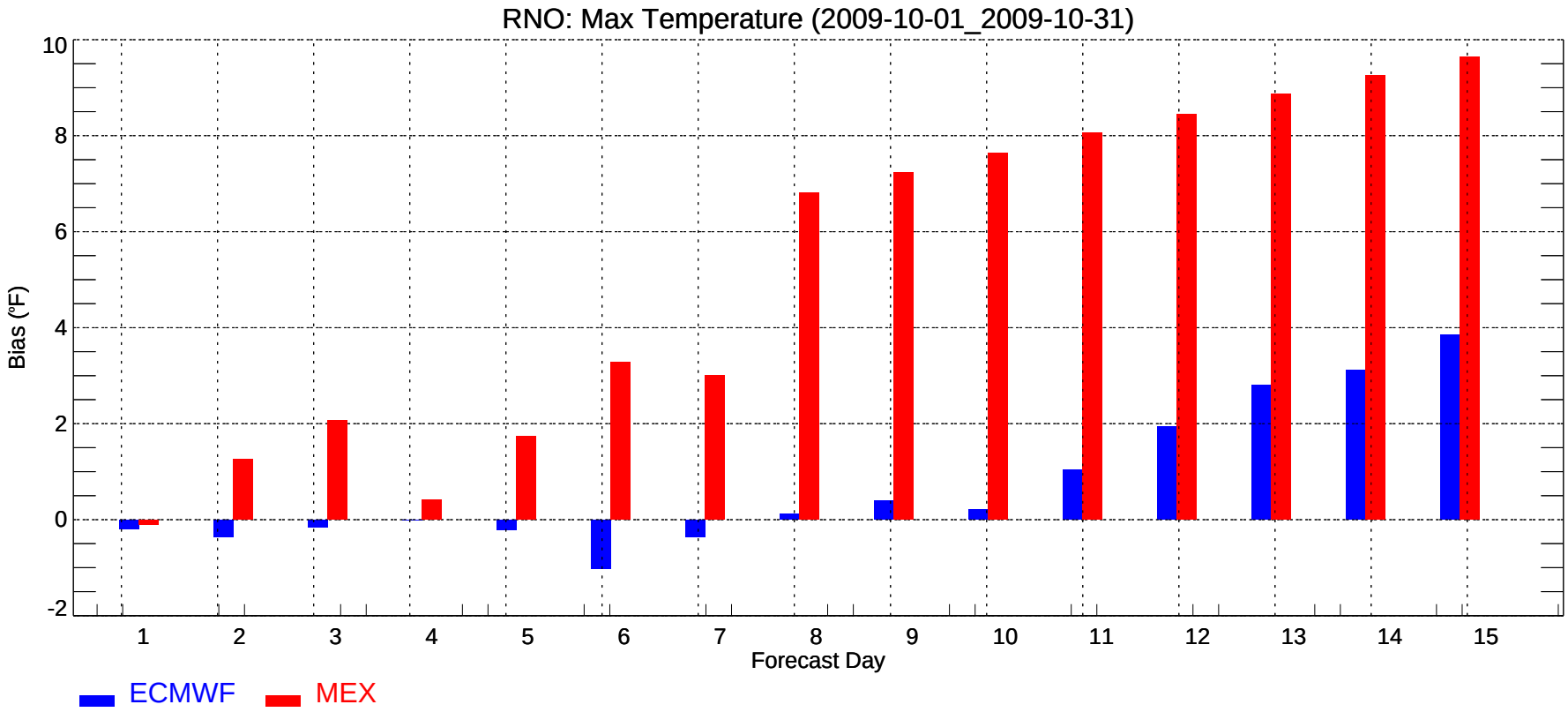
13
14
15
Forecast Day
ECMWF
MEX


RNO: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
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1
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13
14
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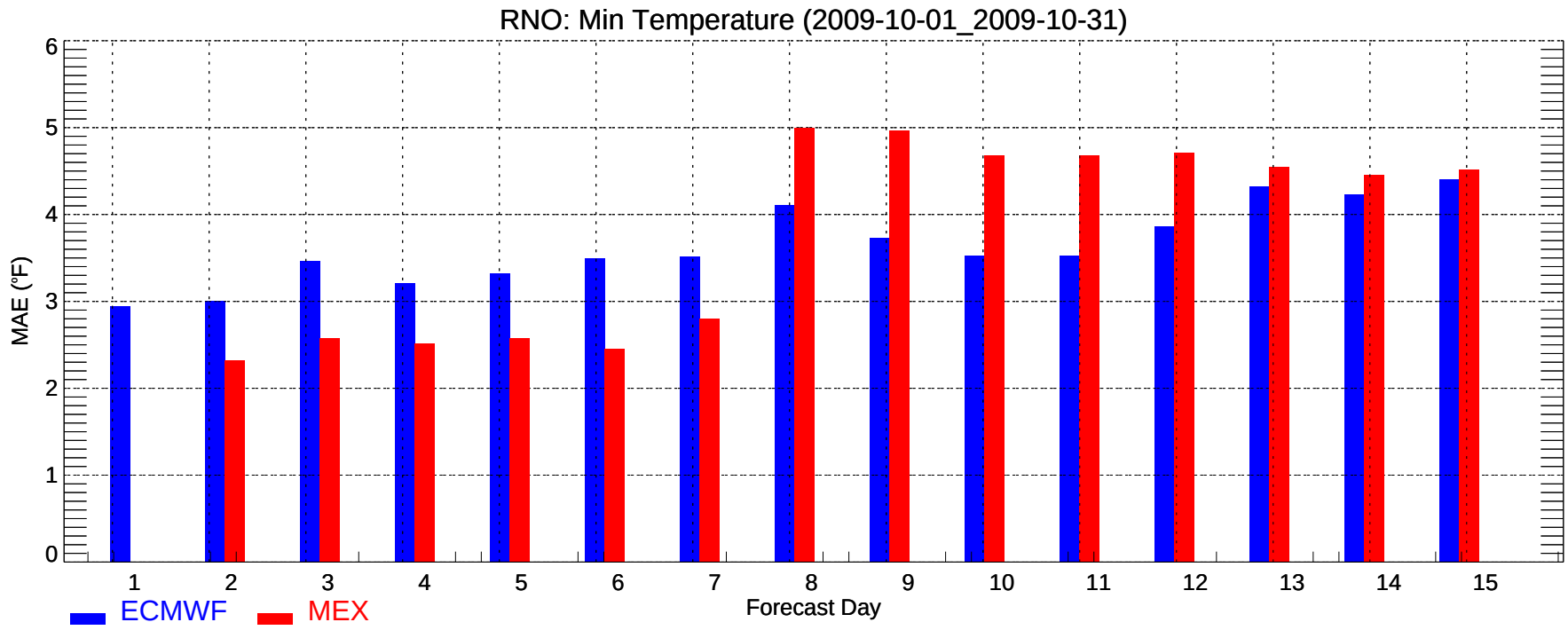
Forecast Day
ECMWF
MEX


RNO: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
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1
2
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6
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8
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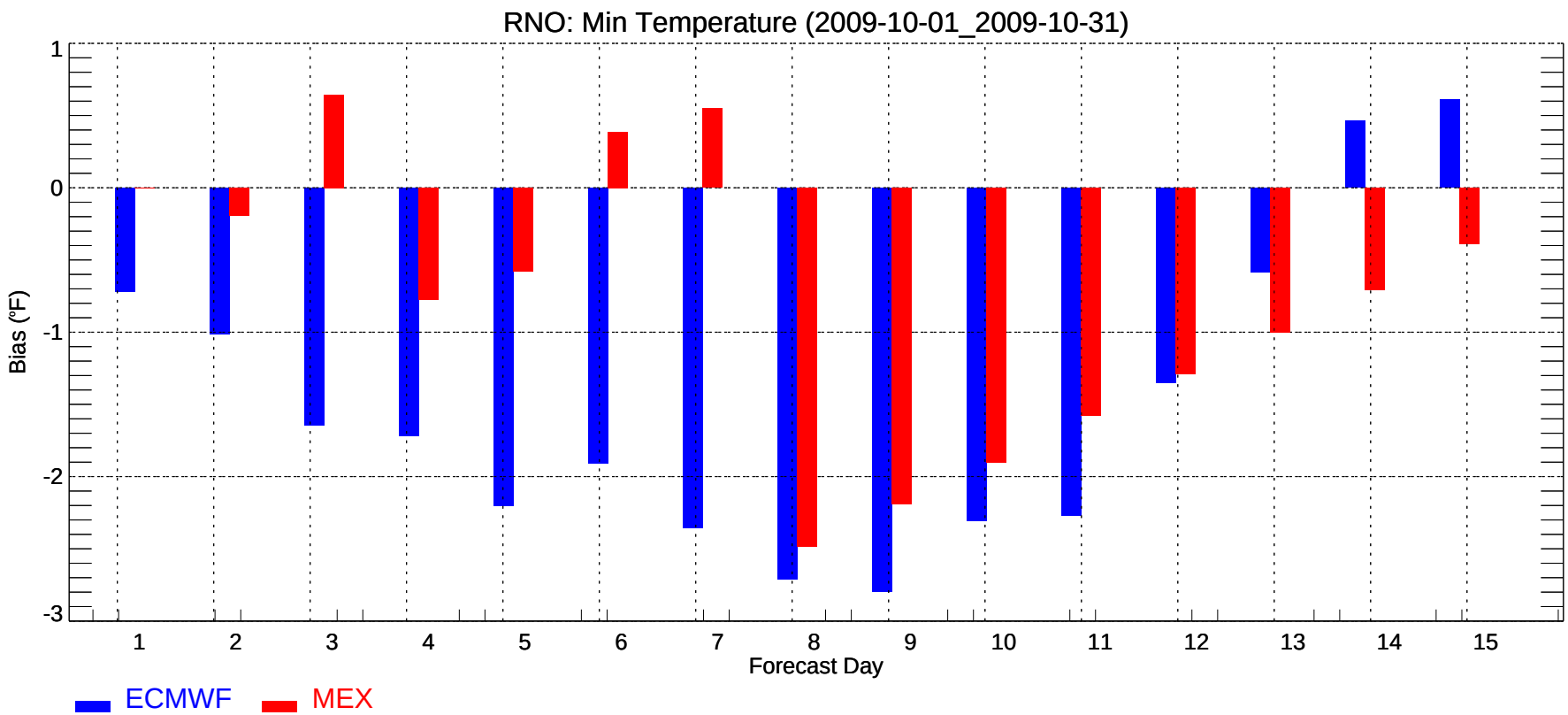
12
13
14
15
Forecast Day
ECMWF
MEX


RNO: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
1
0
-1
-2
-3
1
2
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8
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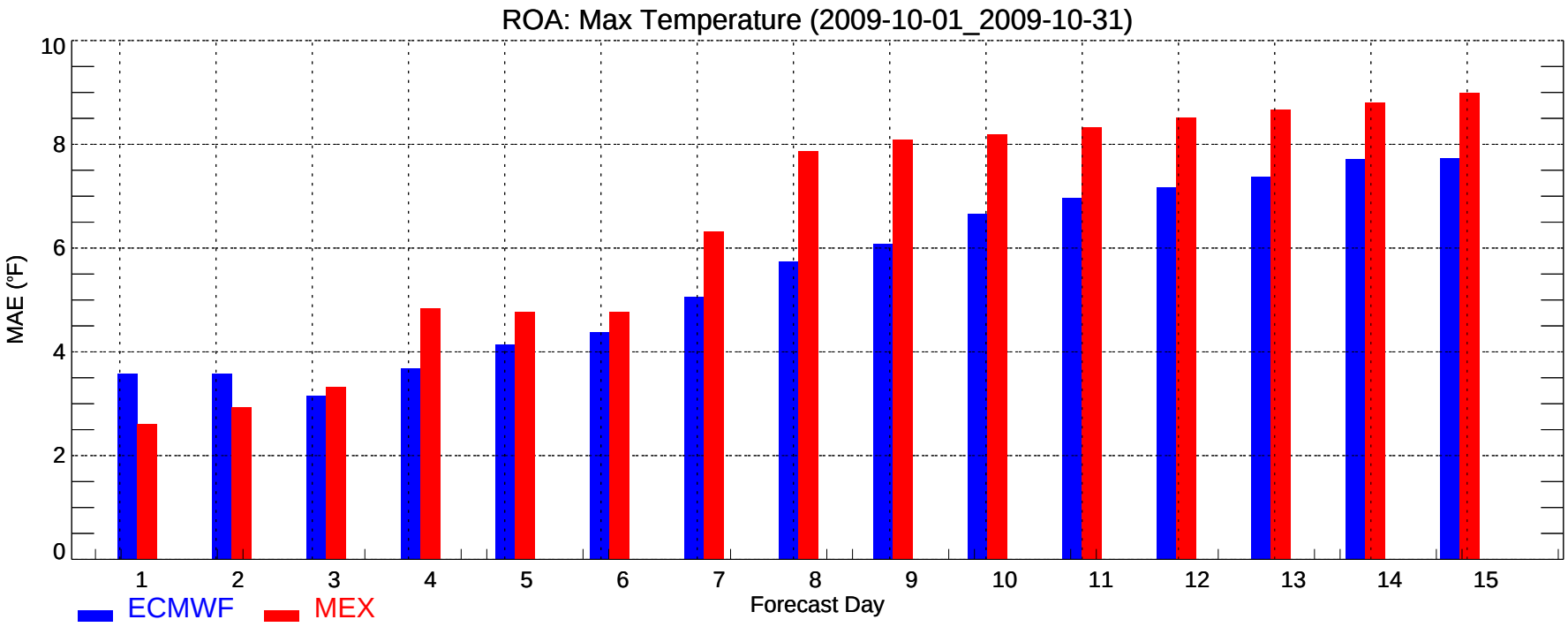
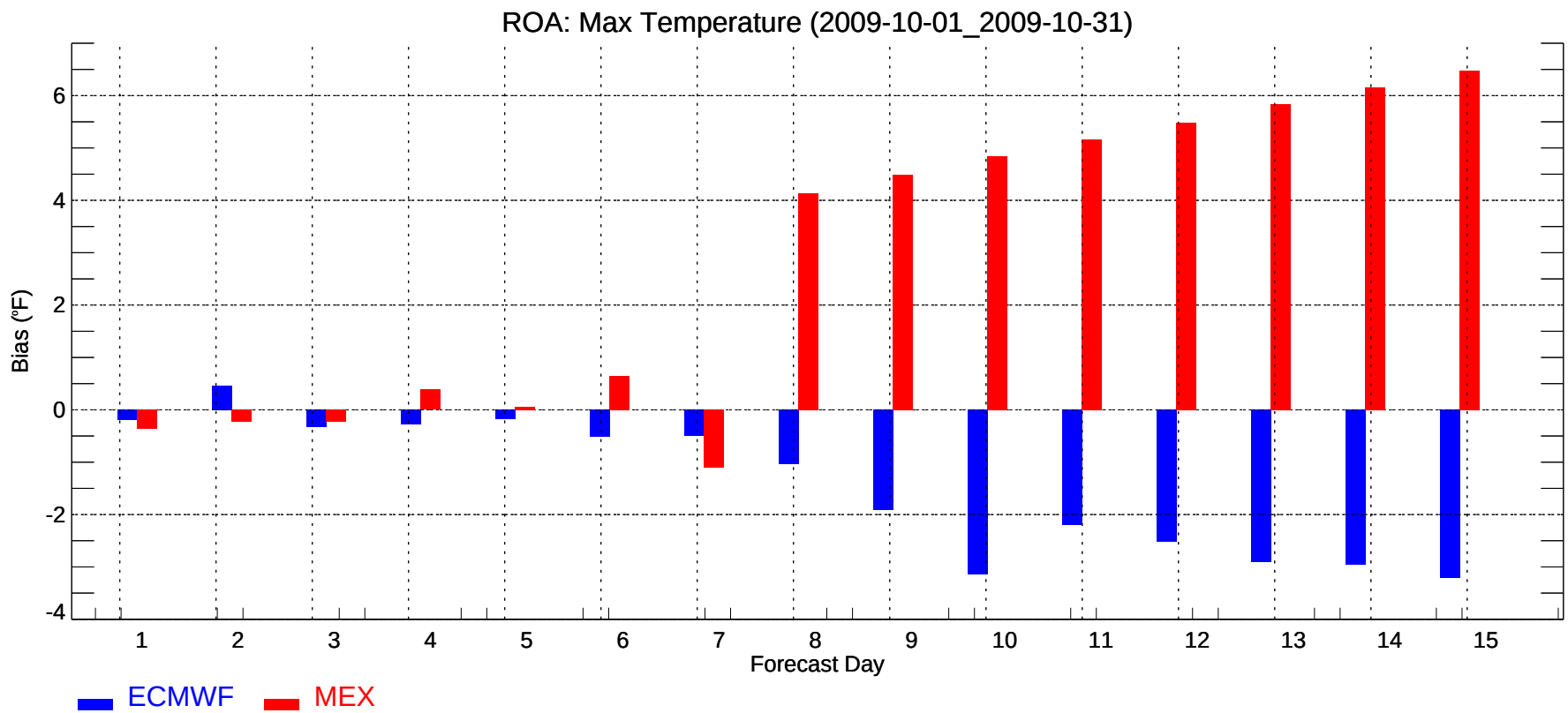
13
14
15
Forecast Day
ECMWF
MEX


ROA: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ROA: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-4
-2
0
2
4
6
1
2
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4
5
6
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8
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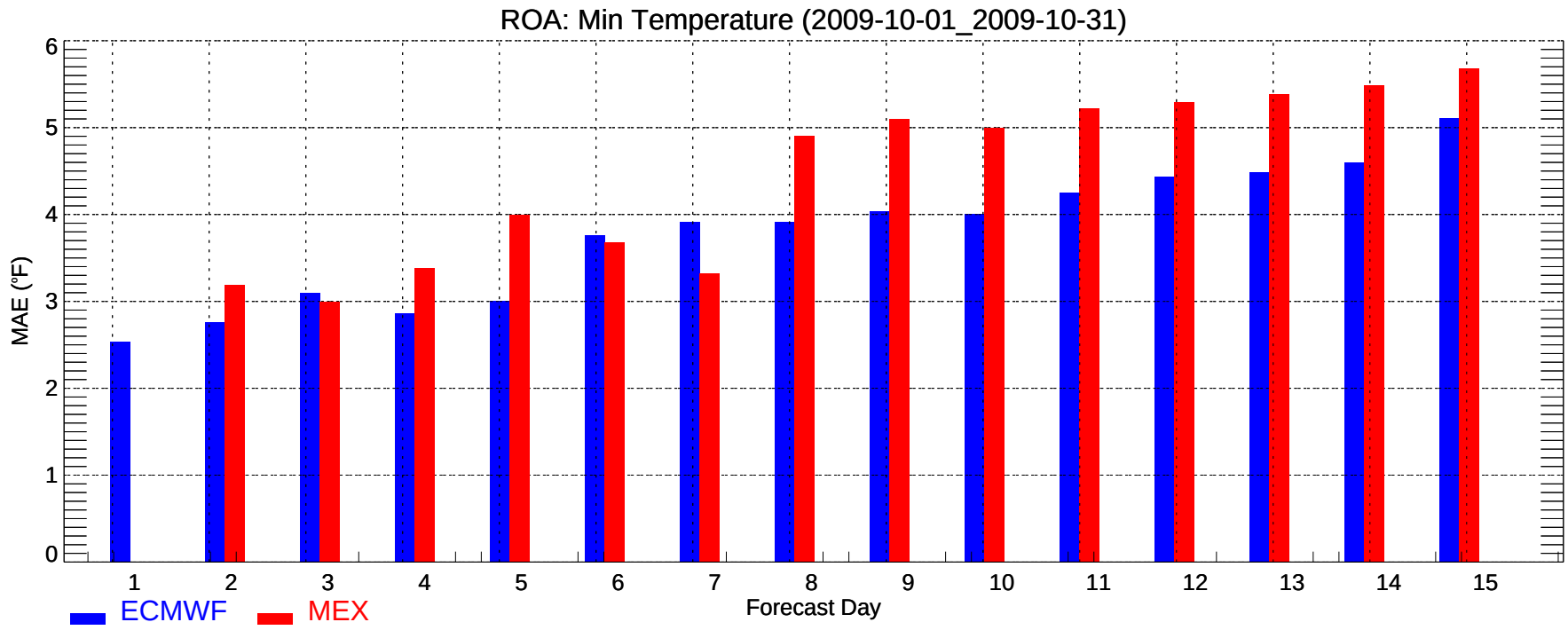
14
15
Forecast Day
ECMWF
MEX


ROA: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
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6
1
2
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4
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6
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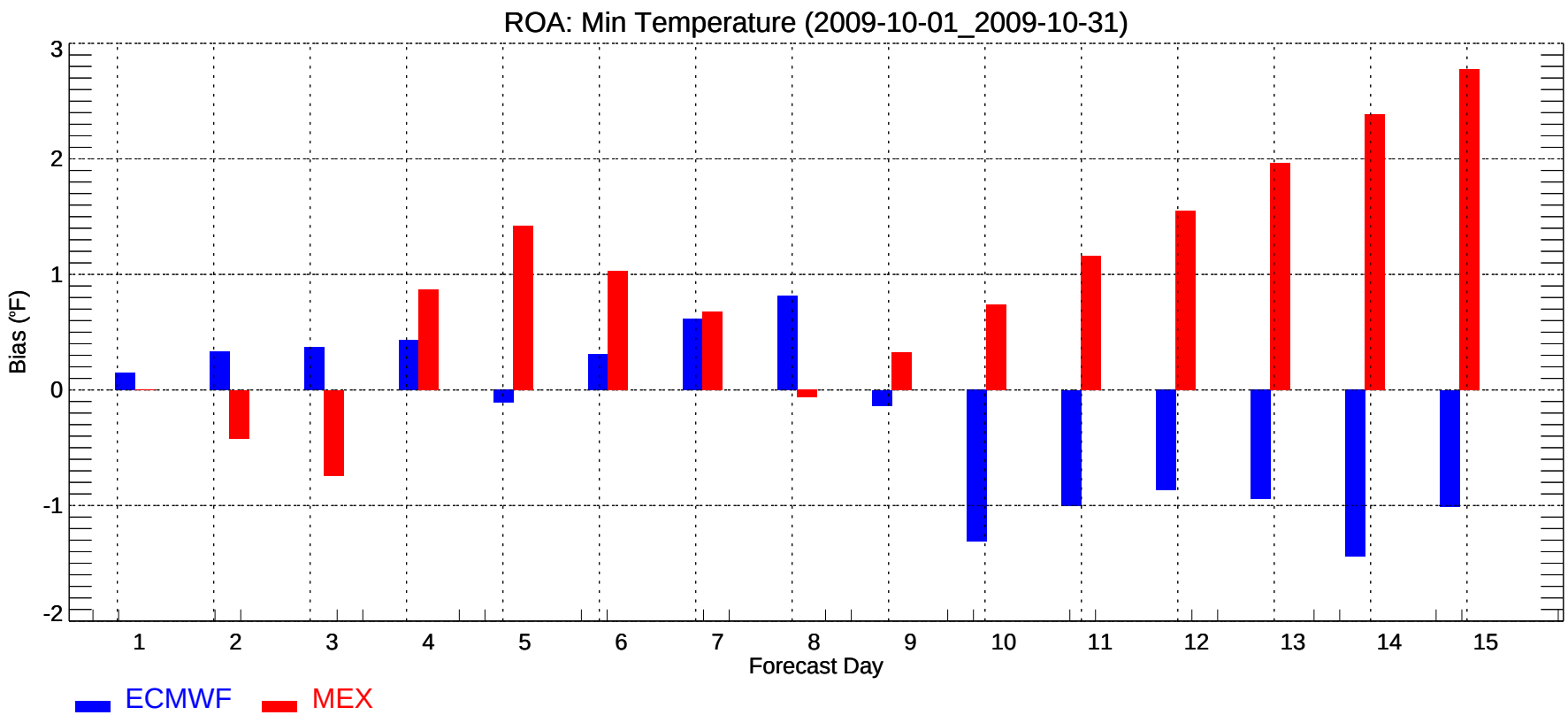
14
15
Forecast Day
ECMWF
MEX


ROA: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
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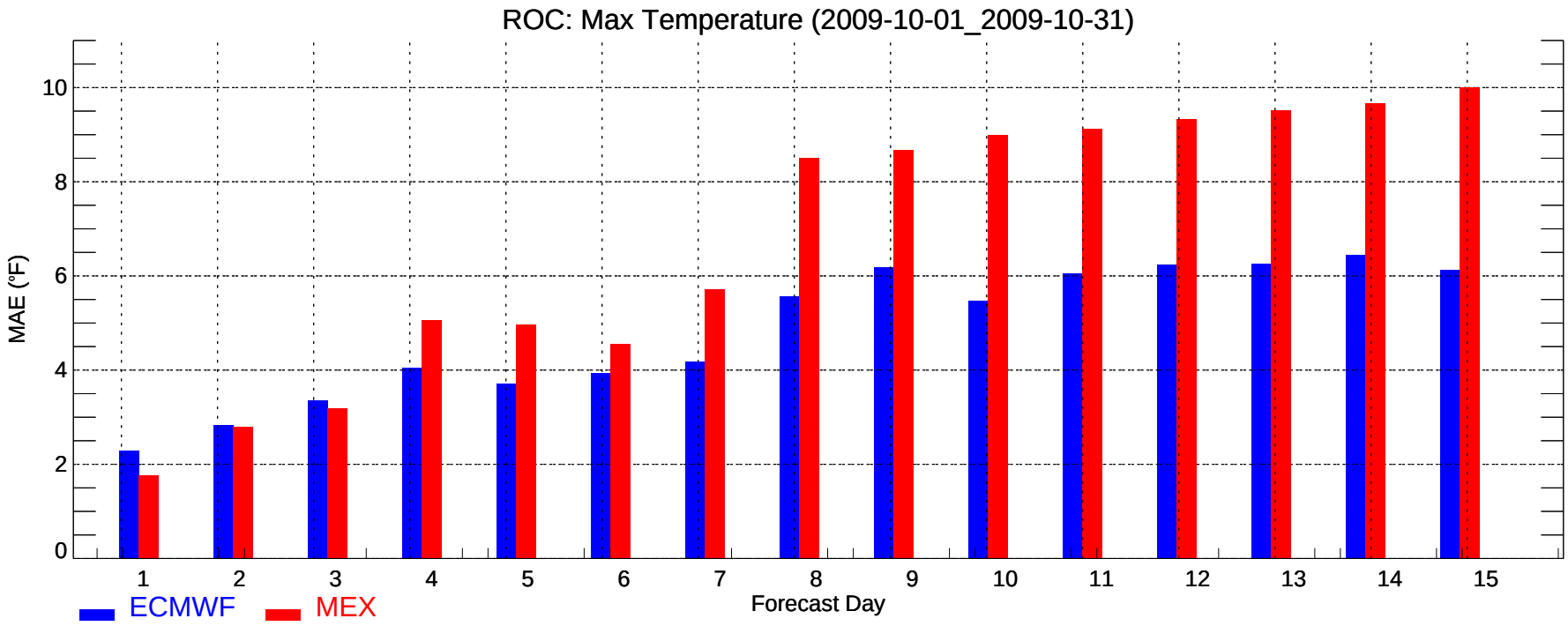
Forecast Day
ECMWF
MEX


ROC: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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1
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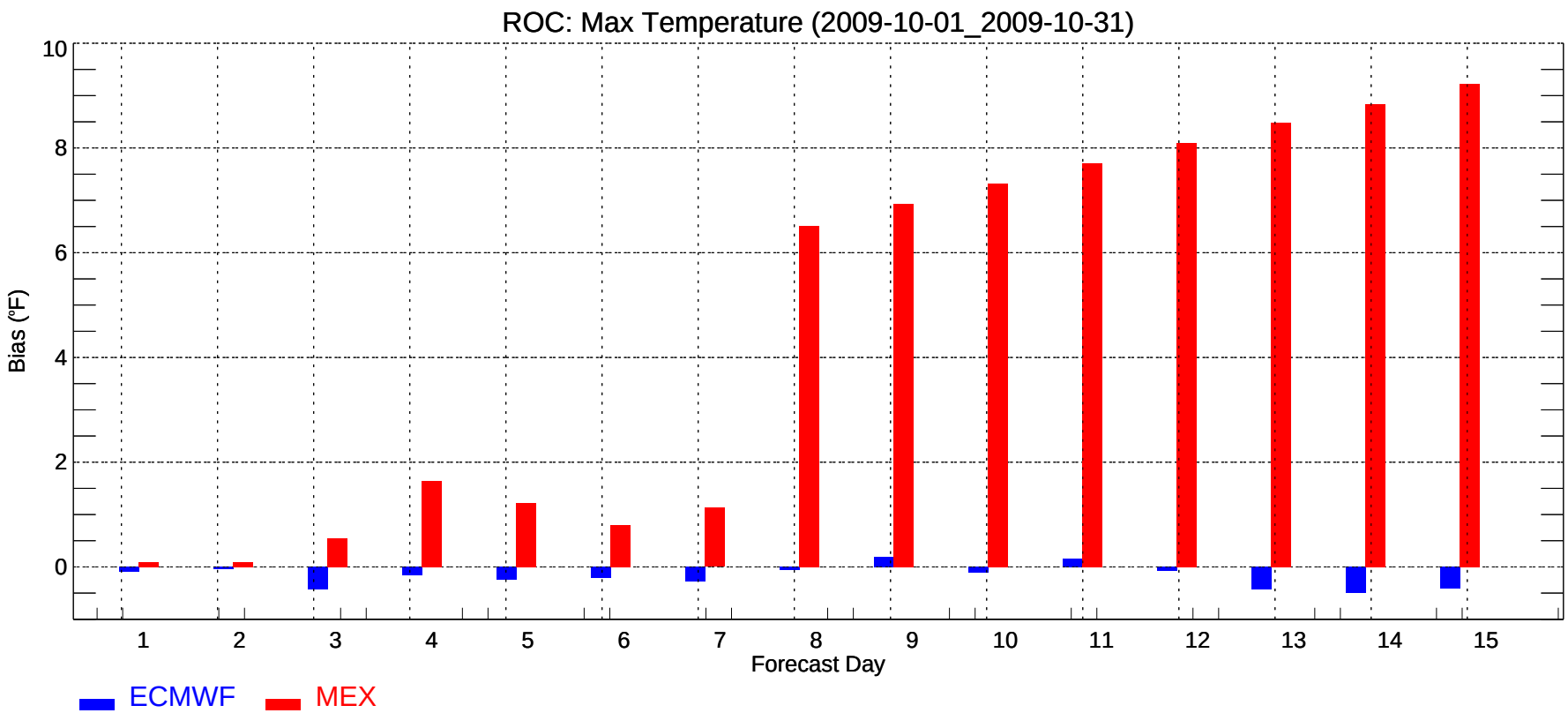
14
15
Forecast Day
ECMWF
MEX


ROC: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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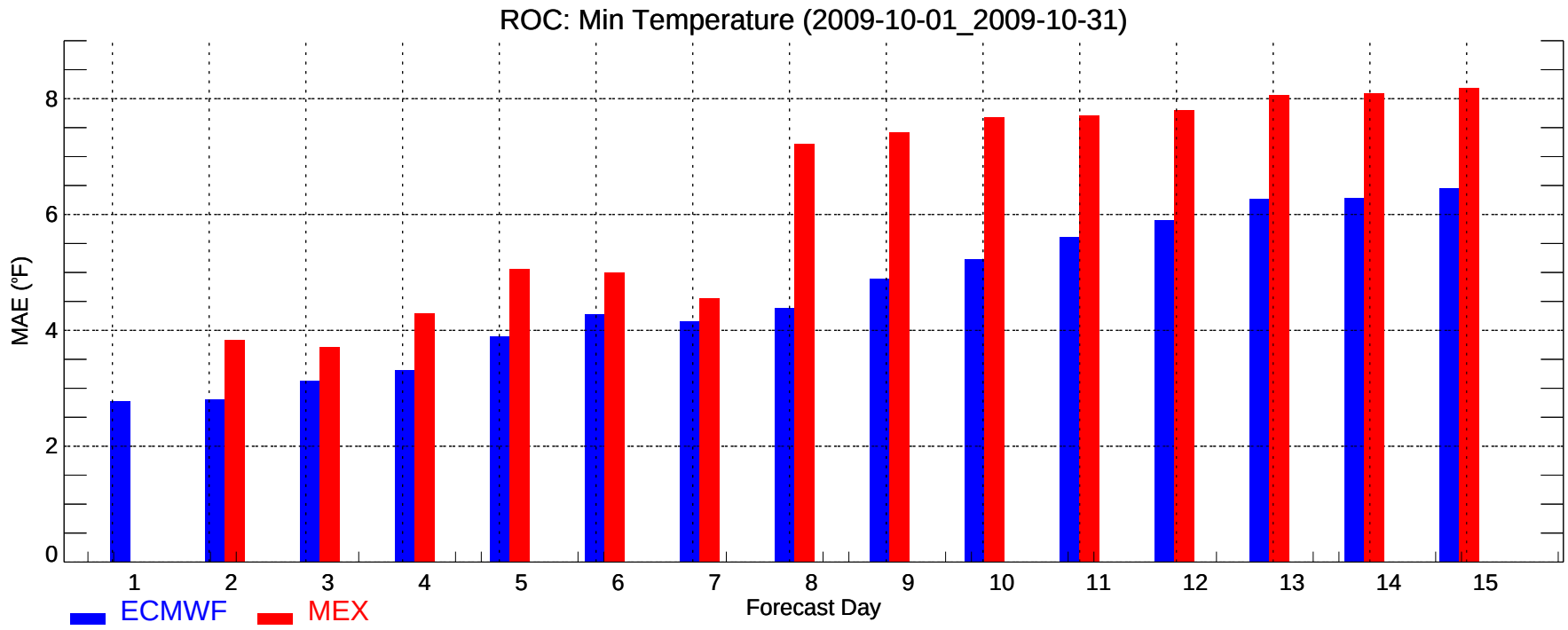
15
Forecast Day
ECMWF
MEX


ROC: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
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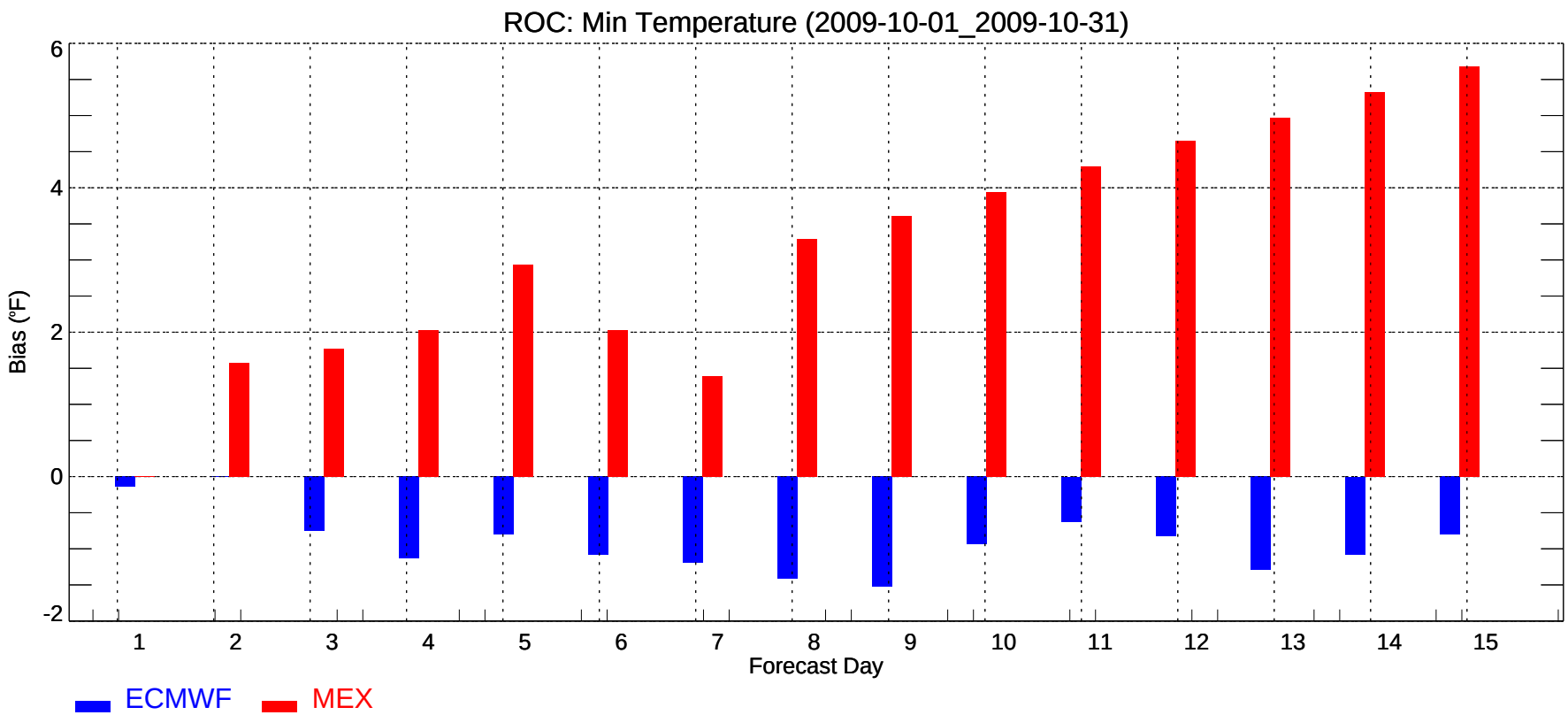
Forecast Day
ECMWF
MEX


ROC: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
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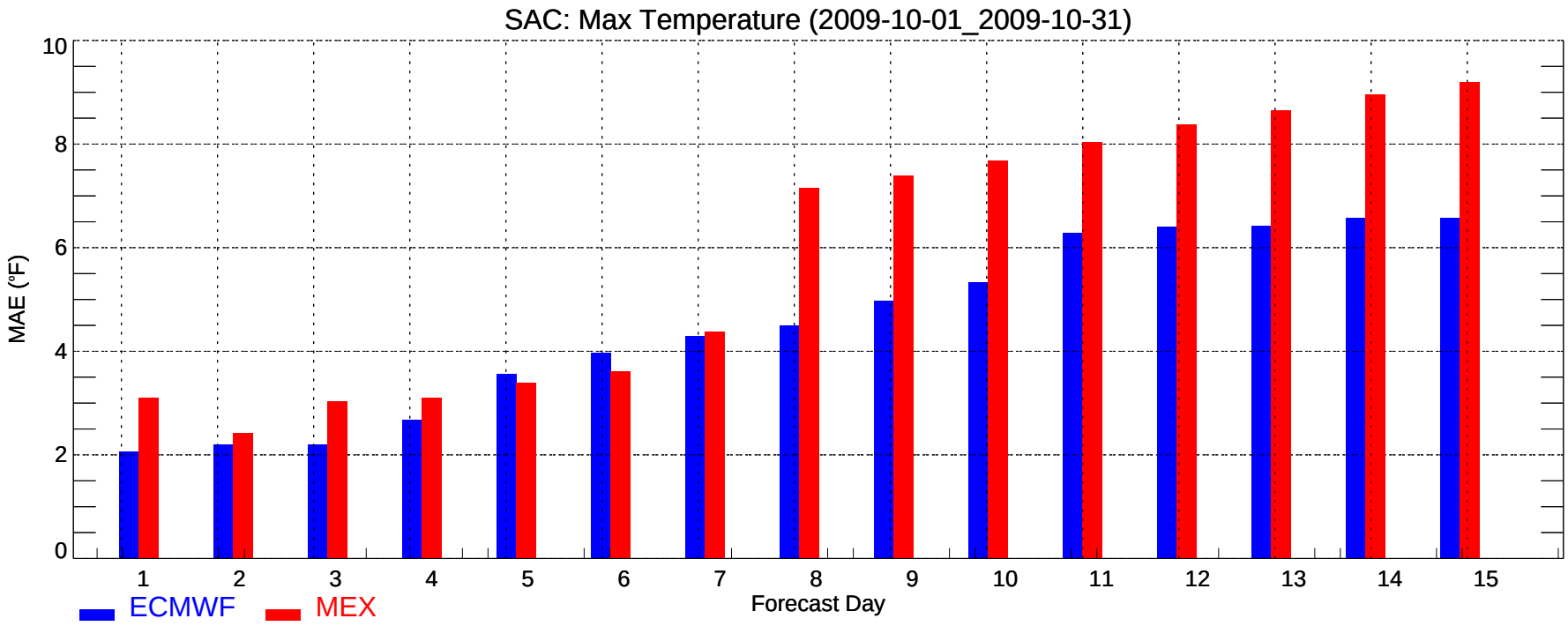
Forecast Day
ECMWF
MEX


SAC: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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9
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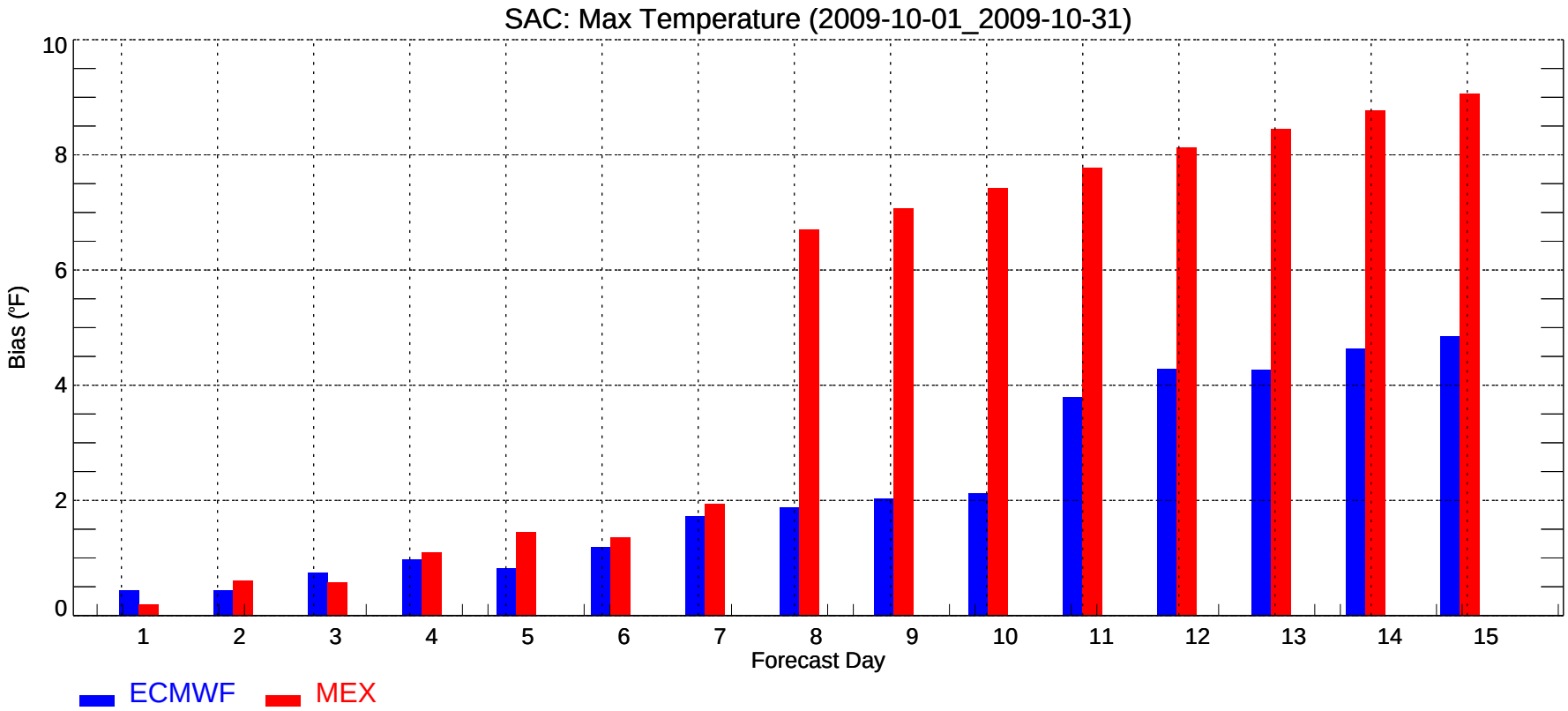
12
13
14
15
Forecast Day
ECMWF
MEX


SAC: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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10
1
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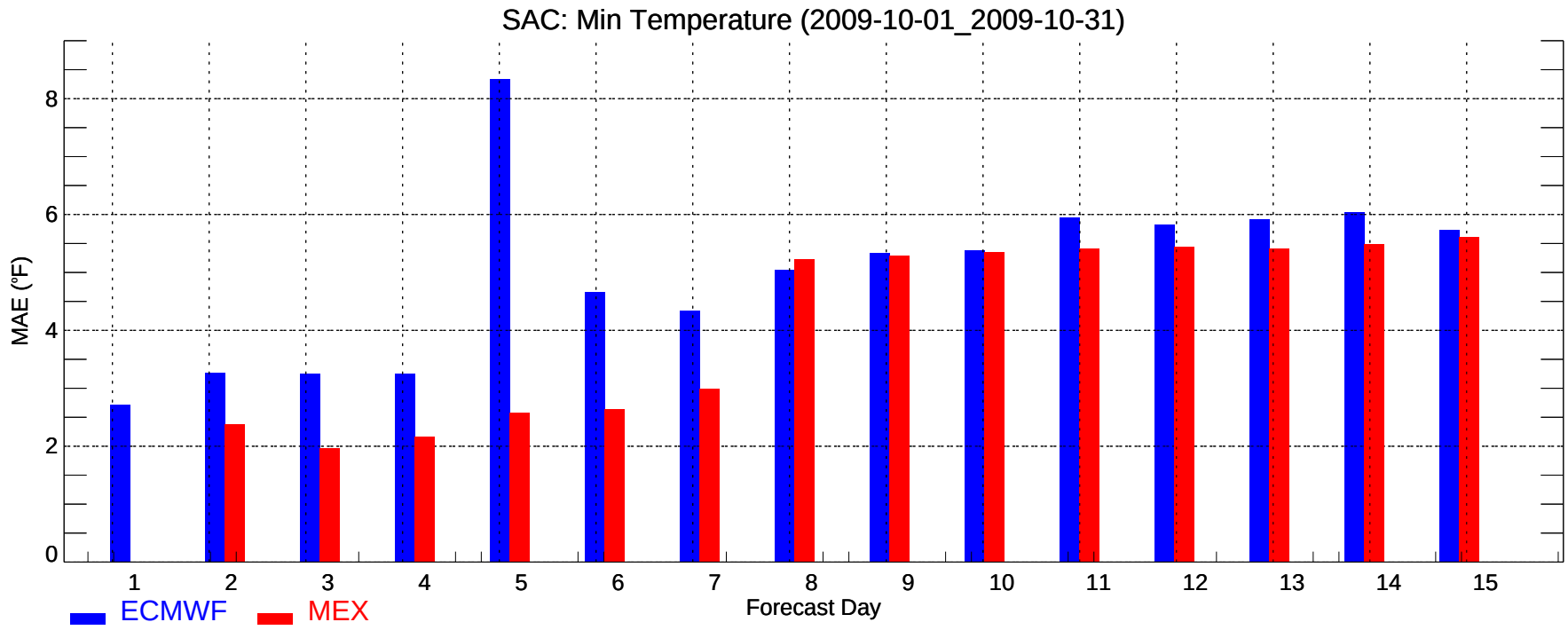
Forecast Day
ECMWF
MEX


SAC: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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6
8
1
2
3
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6
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8
9
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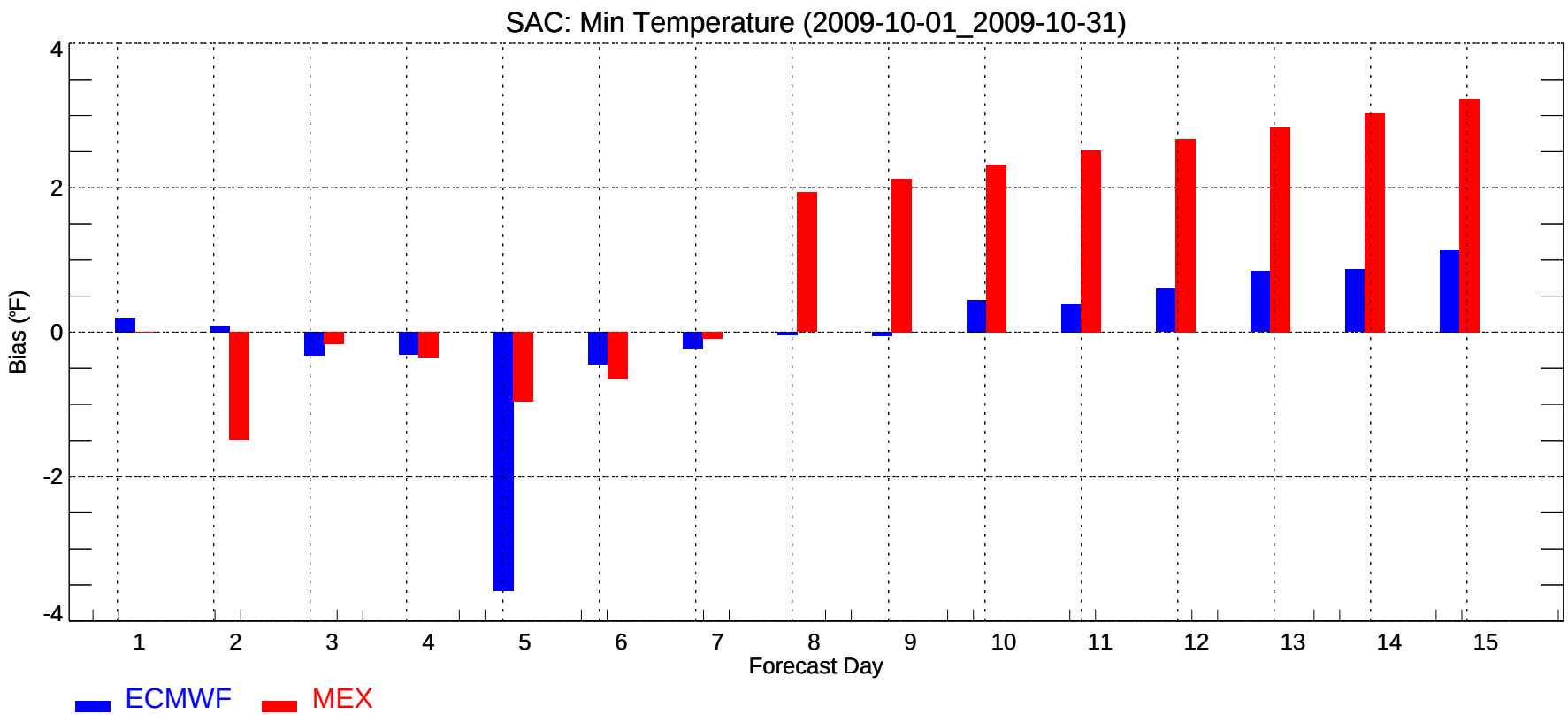
13
14
15
Forecast Day
ECMWF
MEX


SAC: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
4
2
0
-2
-4
1
2
3
4
5
6
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8
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10
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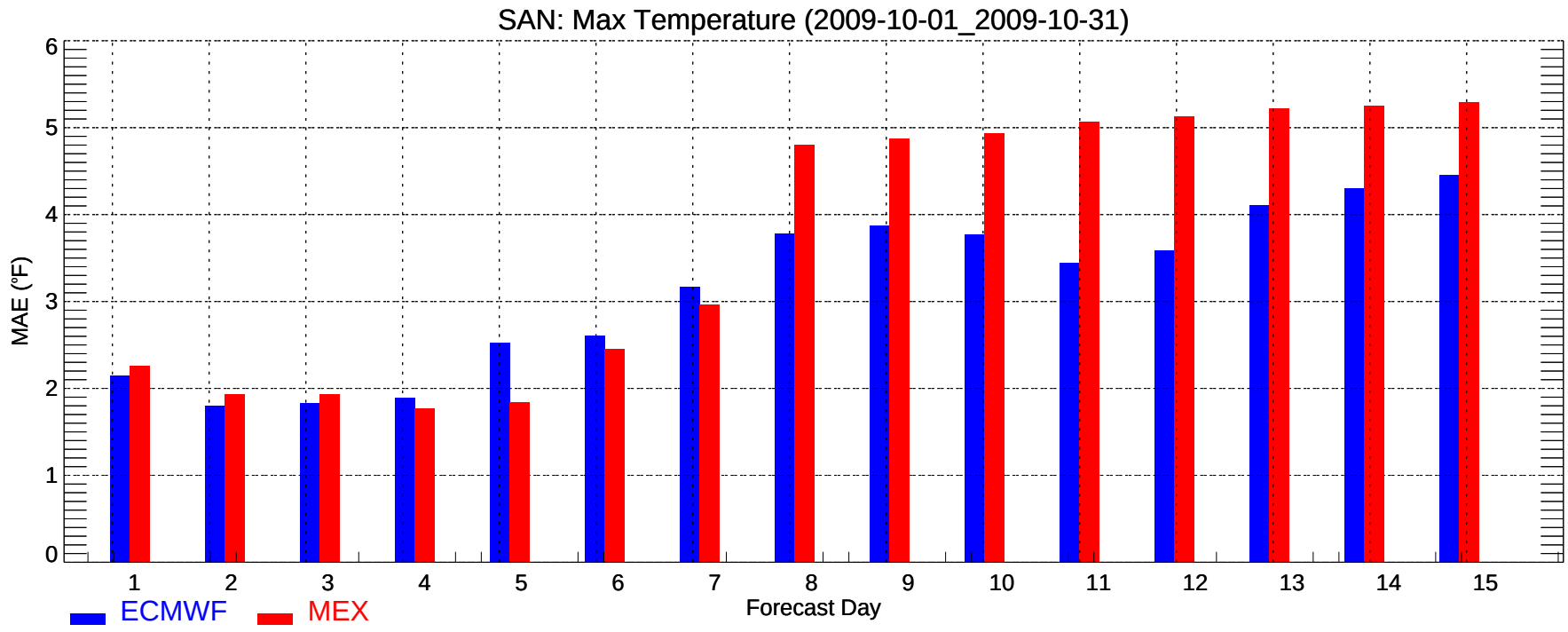
Forecast Day
ECMWF
MEX


SAN: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
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1
2
3
4
5
6
7
8
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13
14
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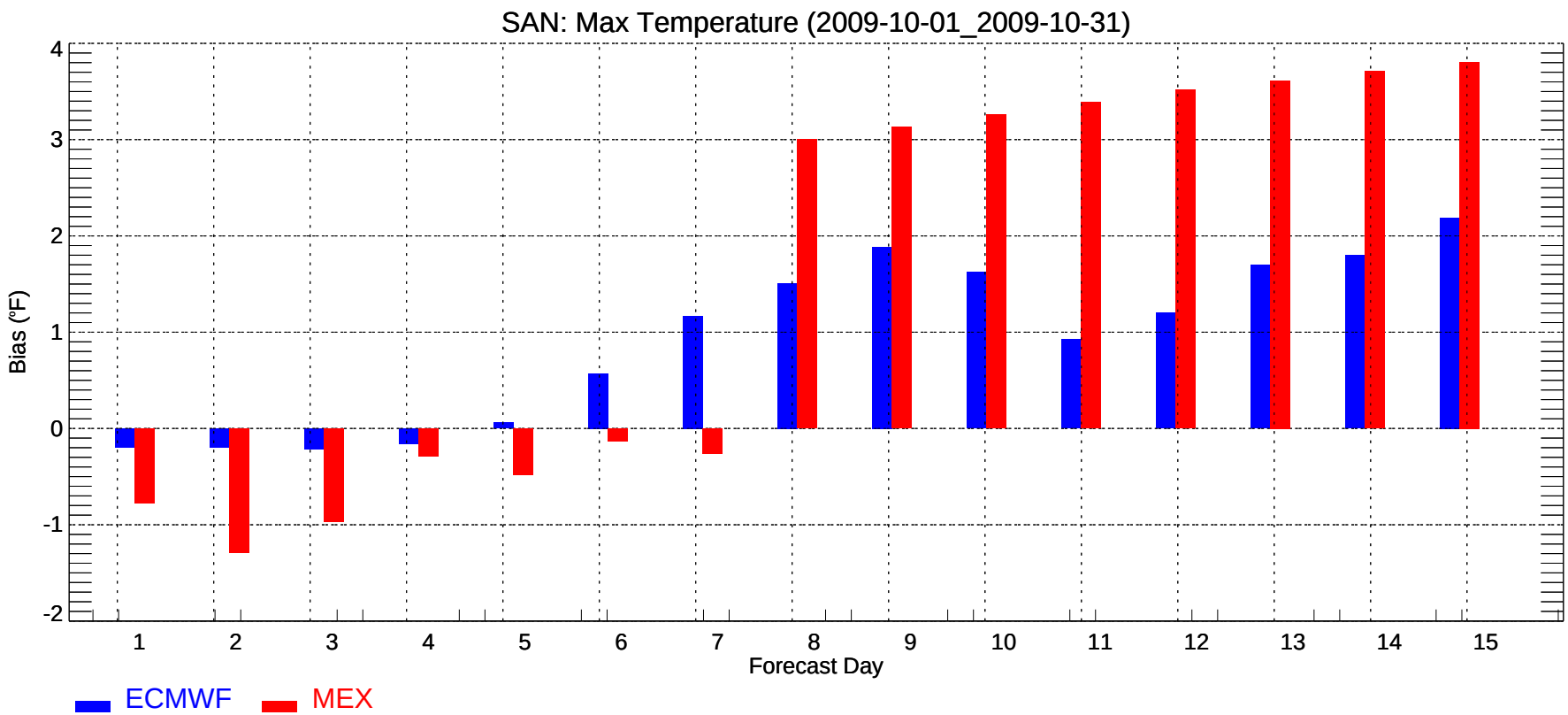
Forecast Day
ECMWF
MEX


SAN: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
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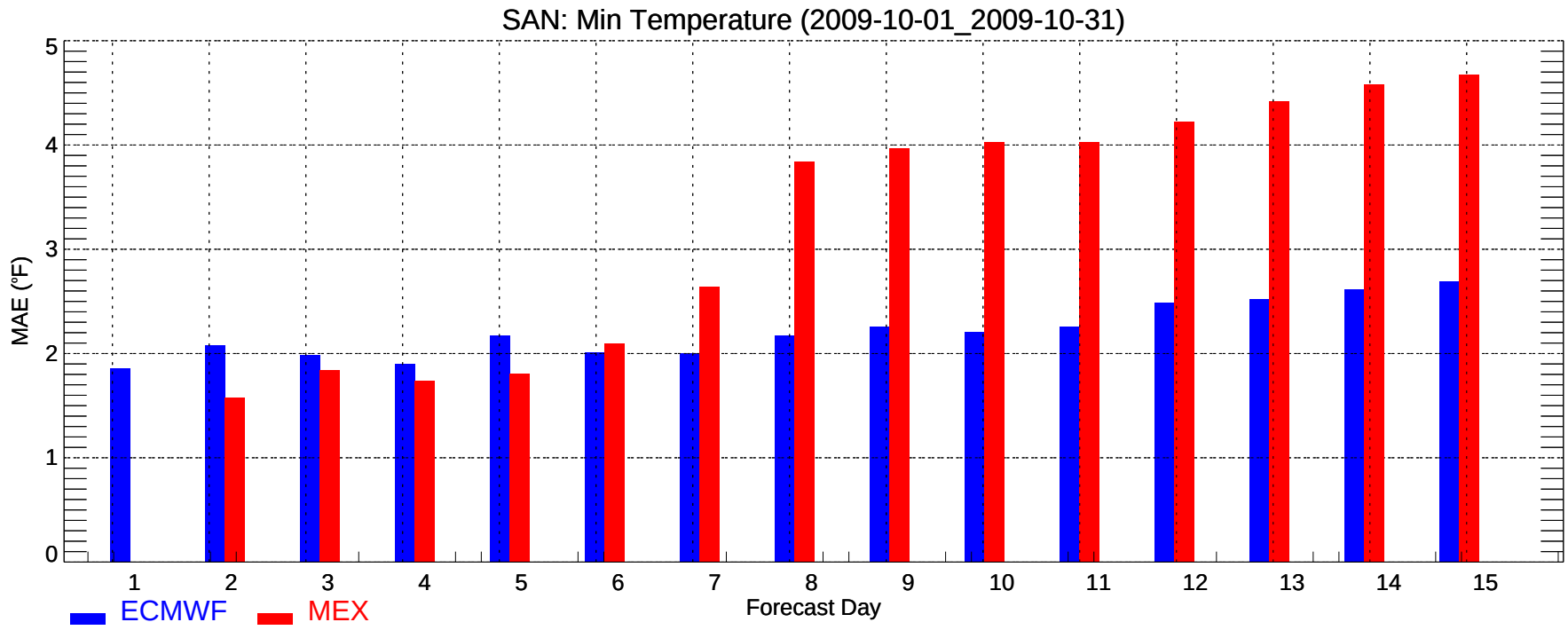
Forecast Day
ECMWF
MEX


SAN: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
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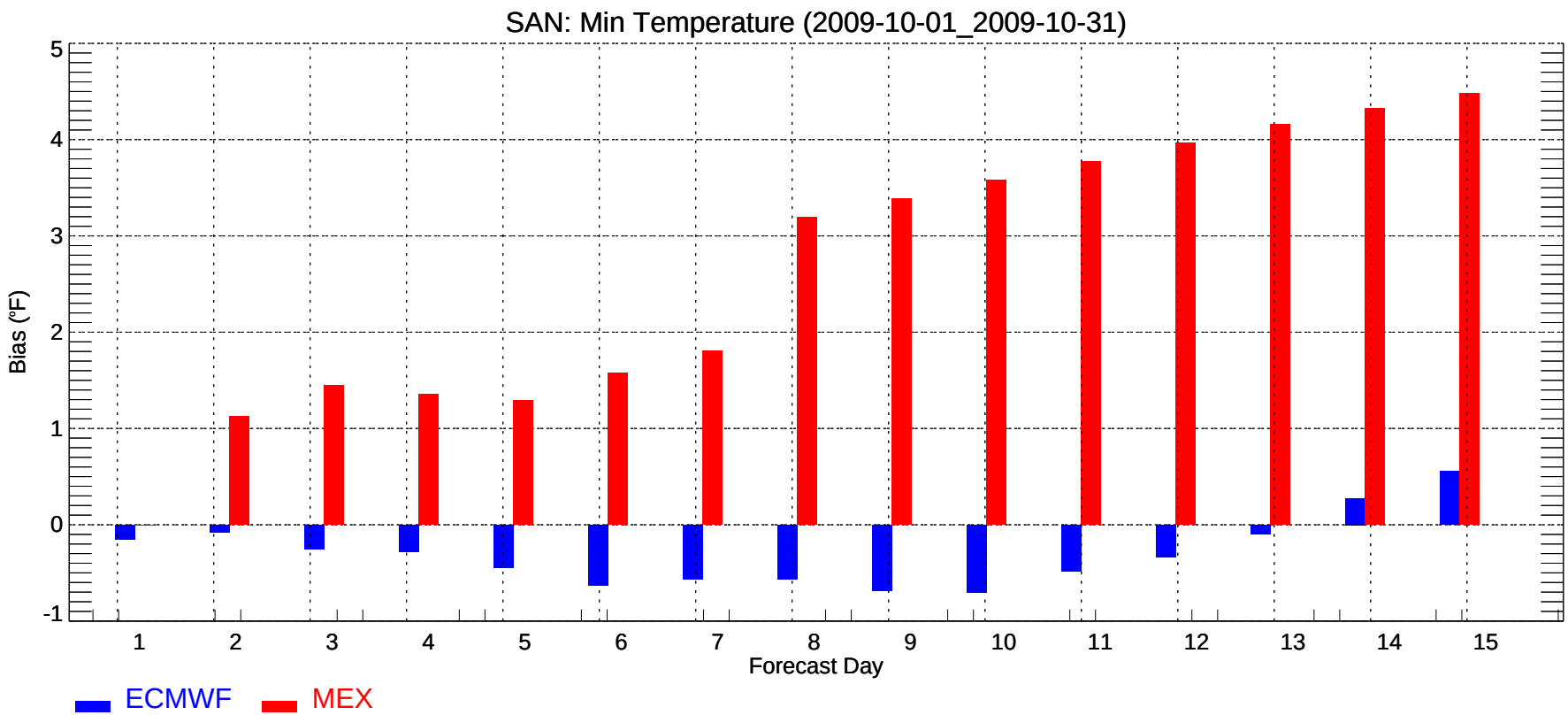
Forecast Day
ECMWF
MEX


SAN: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
5
1
2
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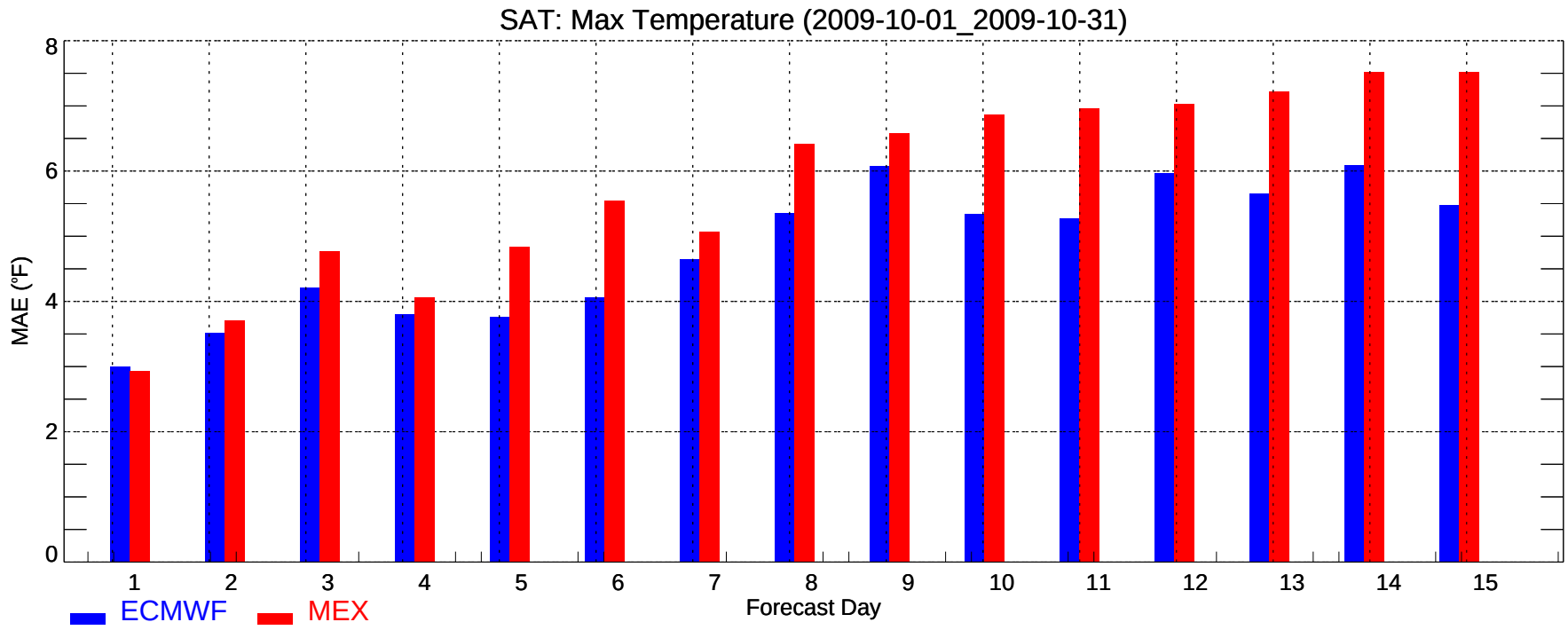
Forecast Day
ECMWF
MEX


SAT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
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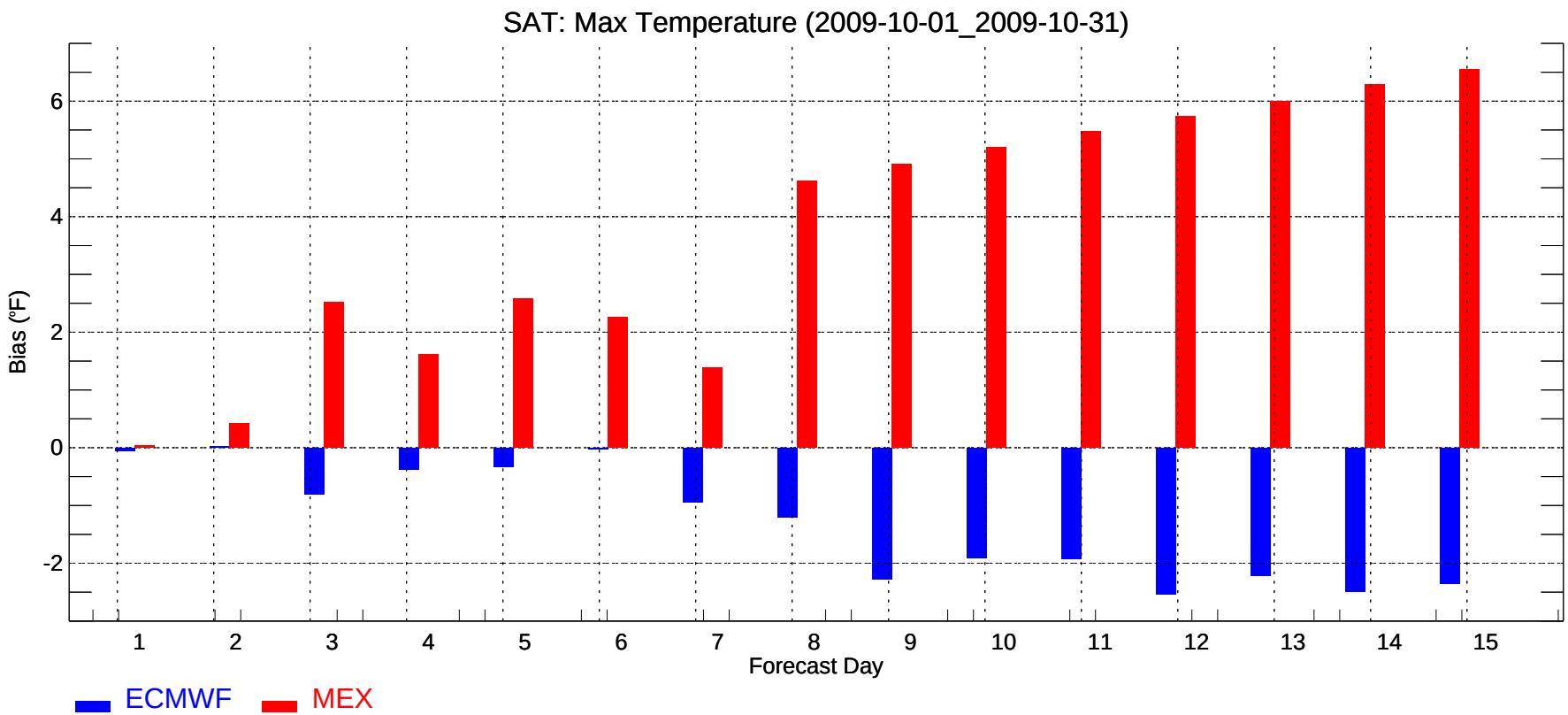
Forecast Day
ECMWF
MEX


SAT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
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1
2
3
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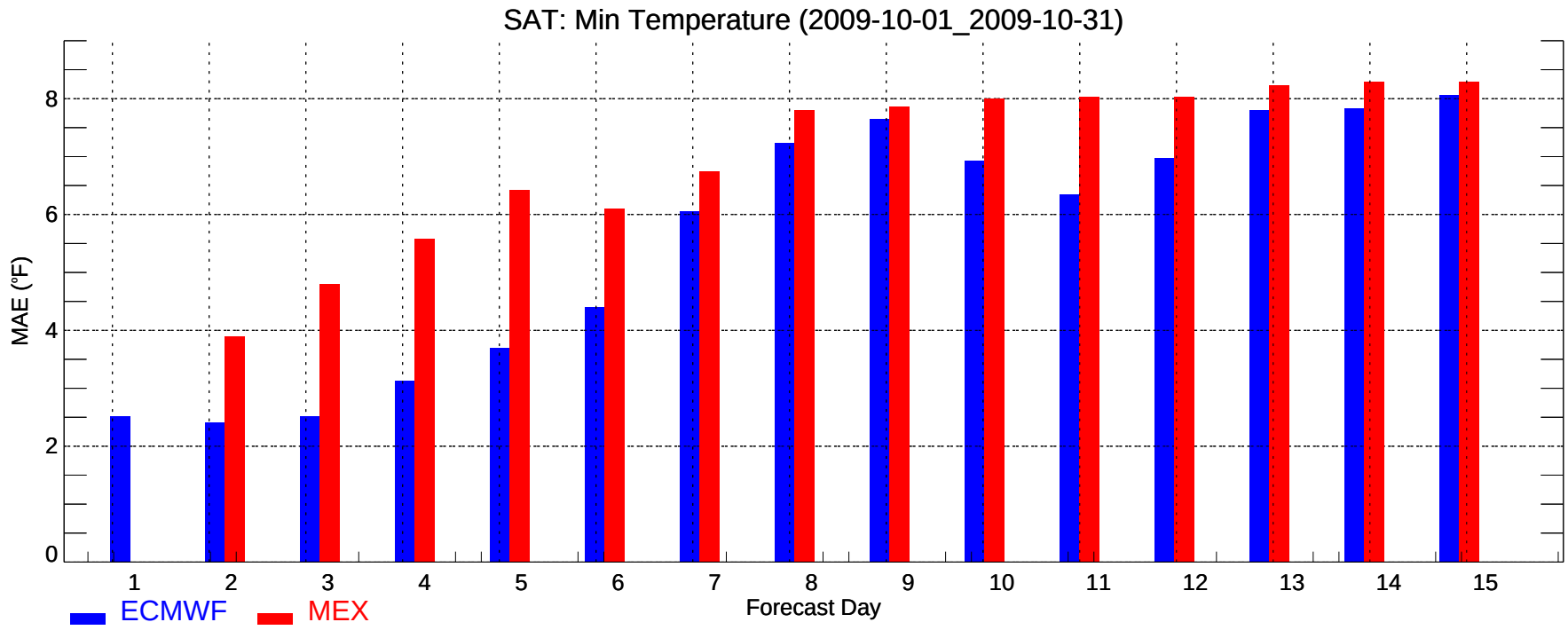
Forecast Day
ECMWF
MEX


SAT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
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7
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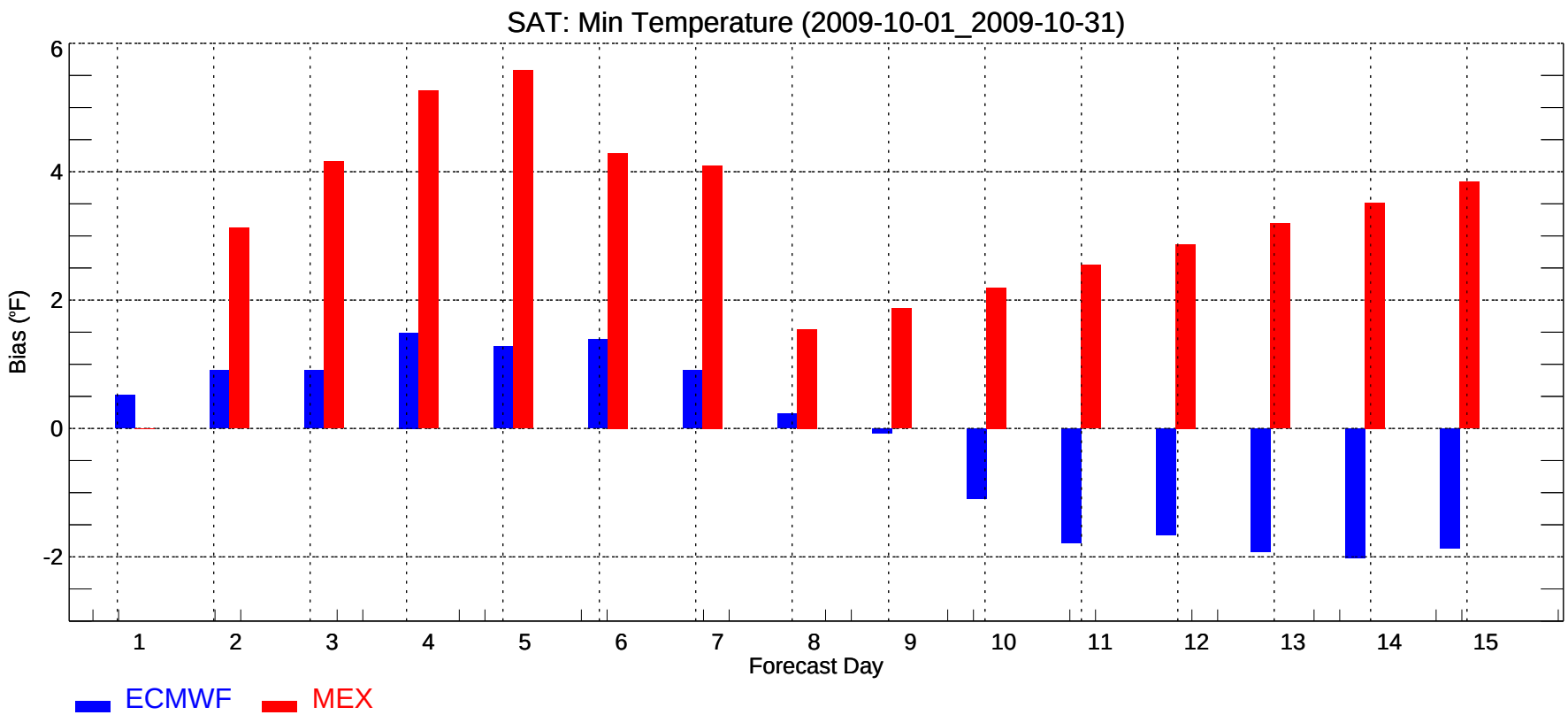
Forecast Day
ECMWF
MEX


SAT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
6
4
2
0
-2
1
2
3
4
5
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7
8
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11
12
13
14
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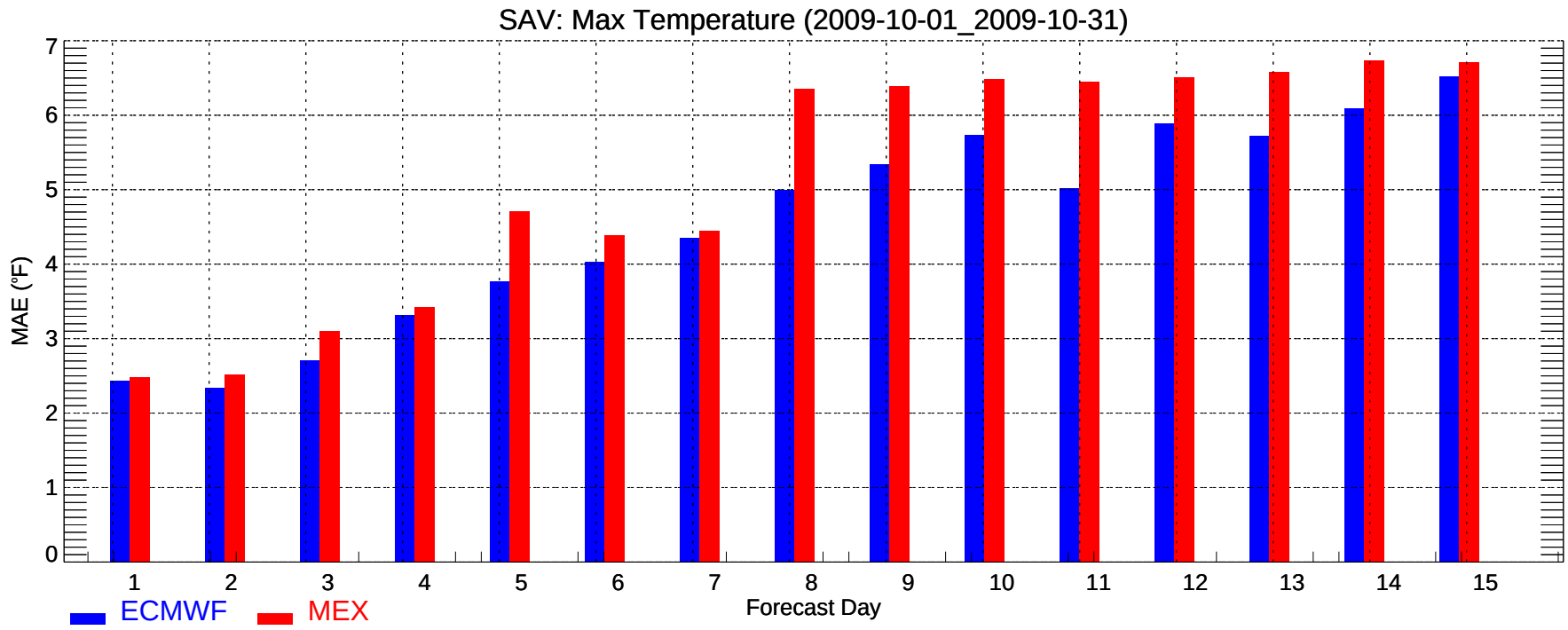
Forecast Day
ECMWF
MEX


SAV: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
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8
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10
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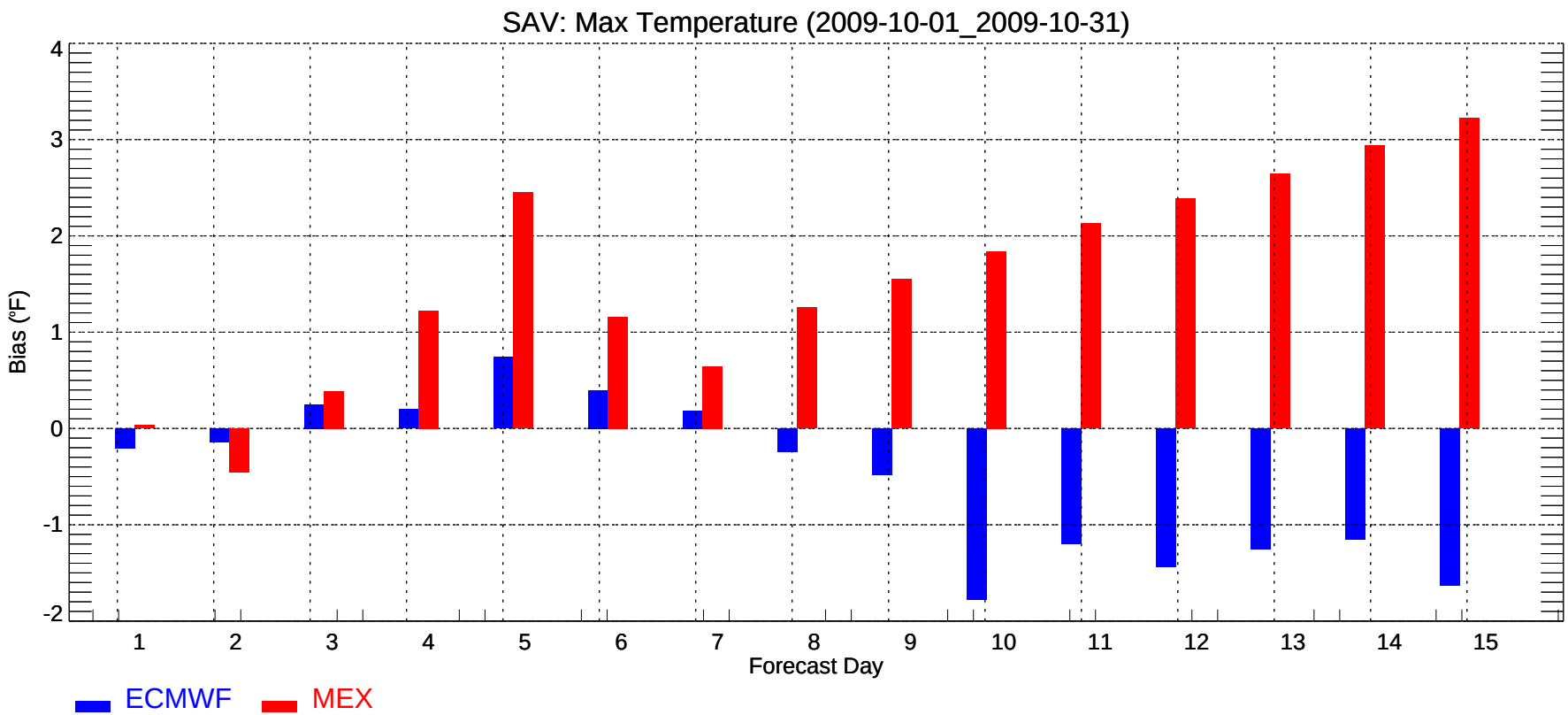
14
15
Forecast Day
ECMWF
MEX


SAV: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
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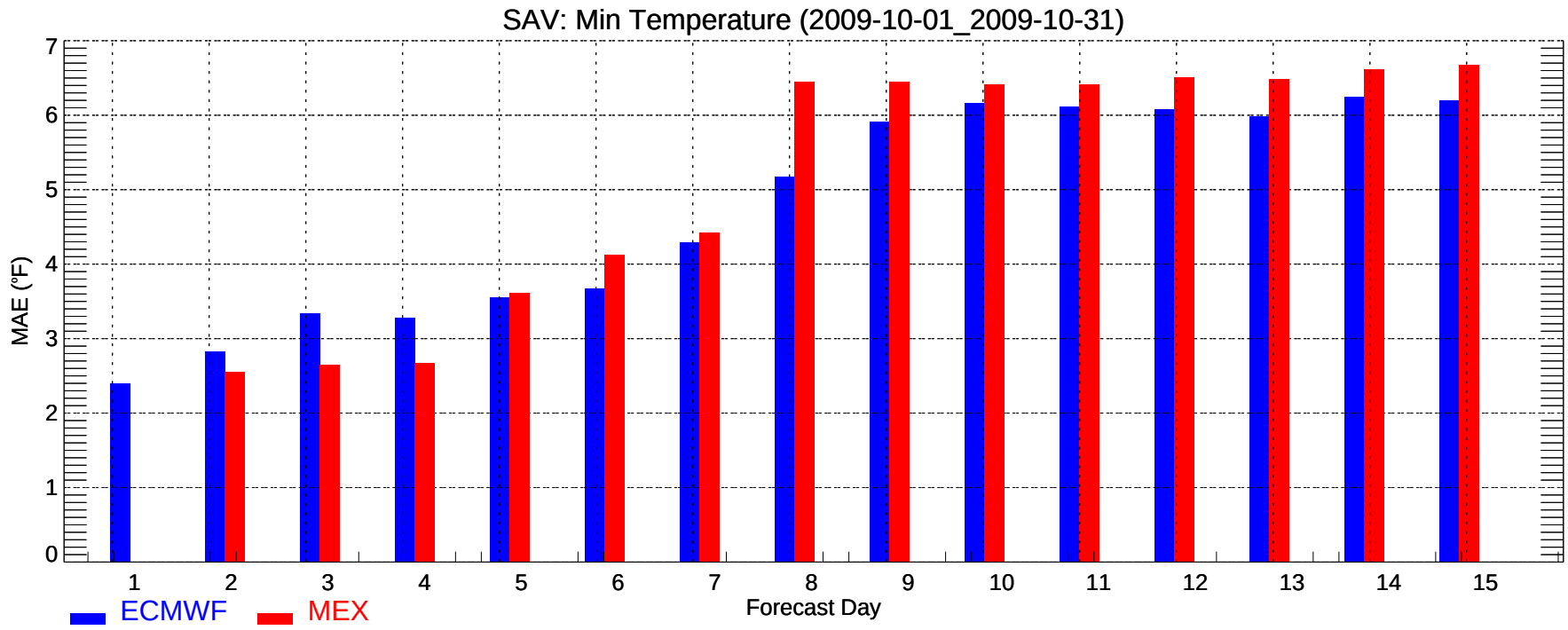
Forecast Day
ECMWF
MEX


SAV: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
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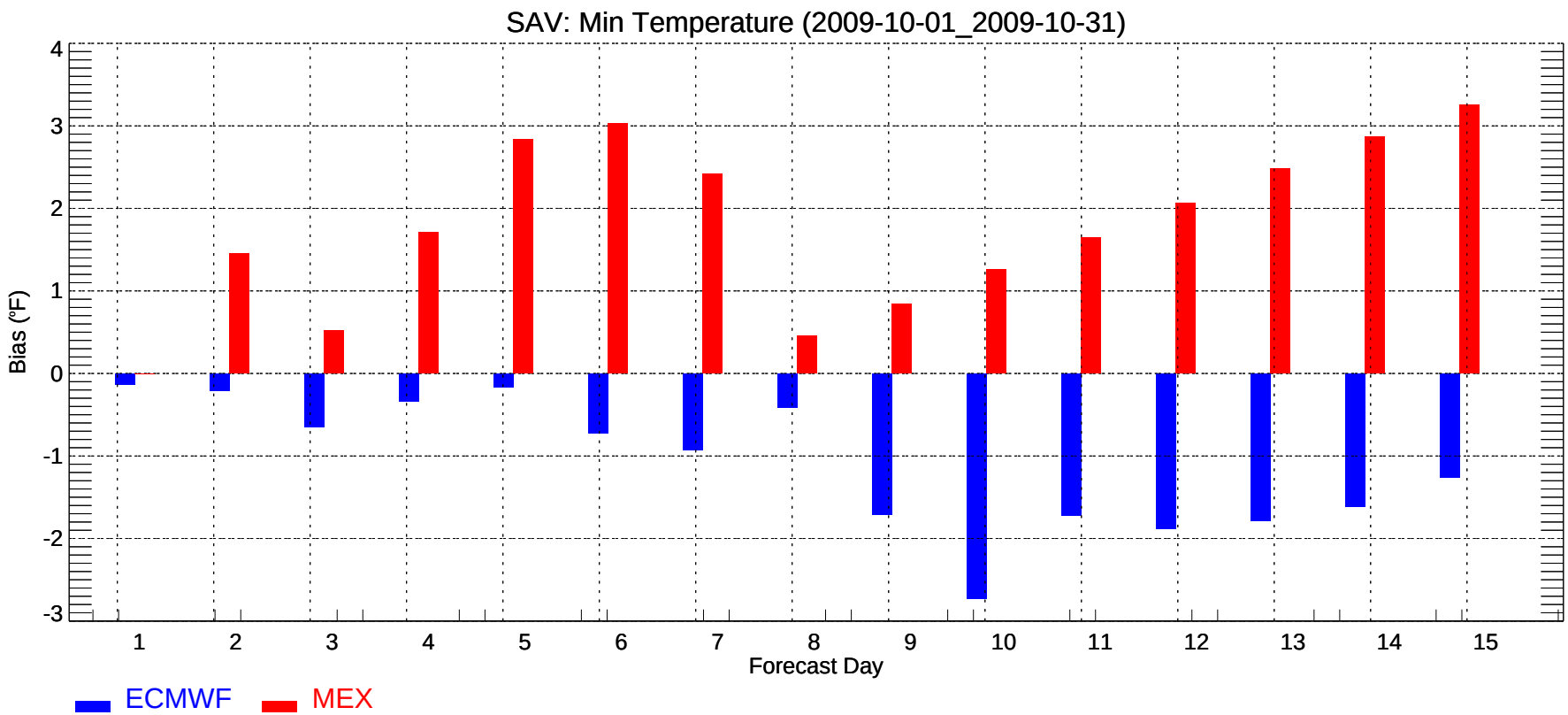
Forecast Day
ECMWF
MEX


SAV: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-3
-2
-1
0
1
2
3
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1
2
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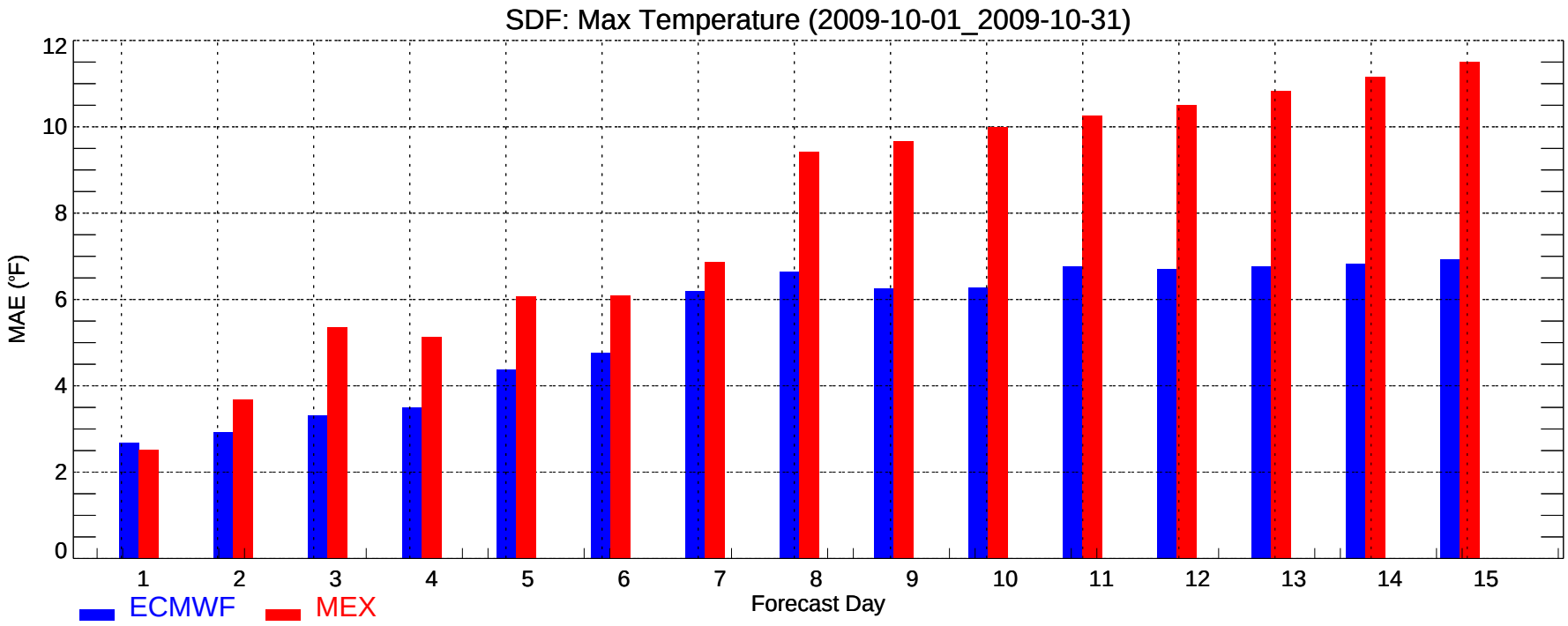
Forecast Day
ECMWF
MEX


SDF: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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12
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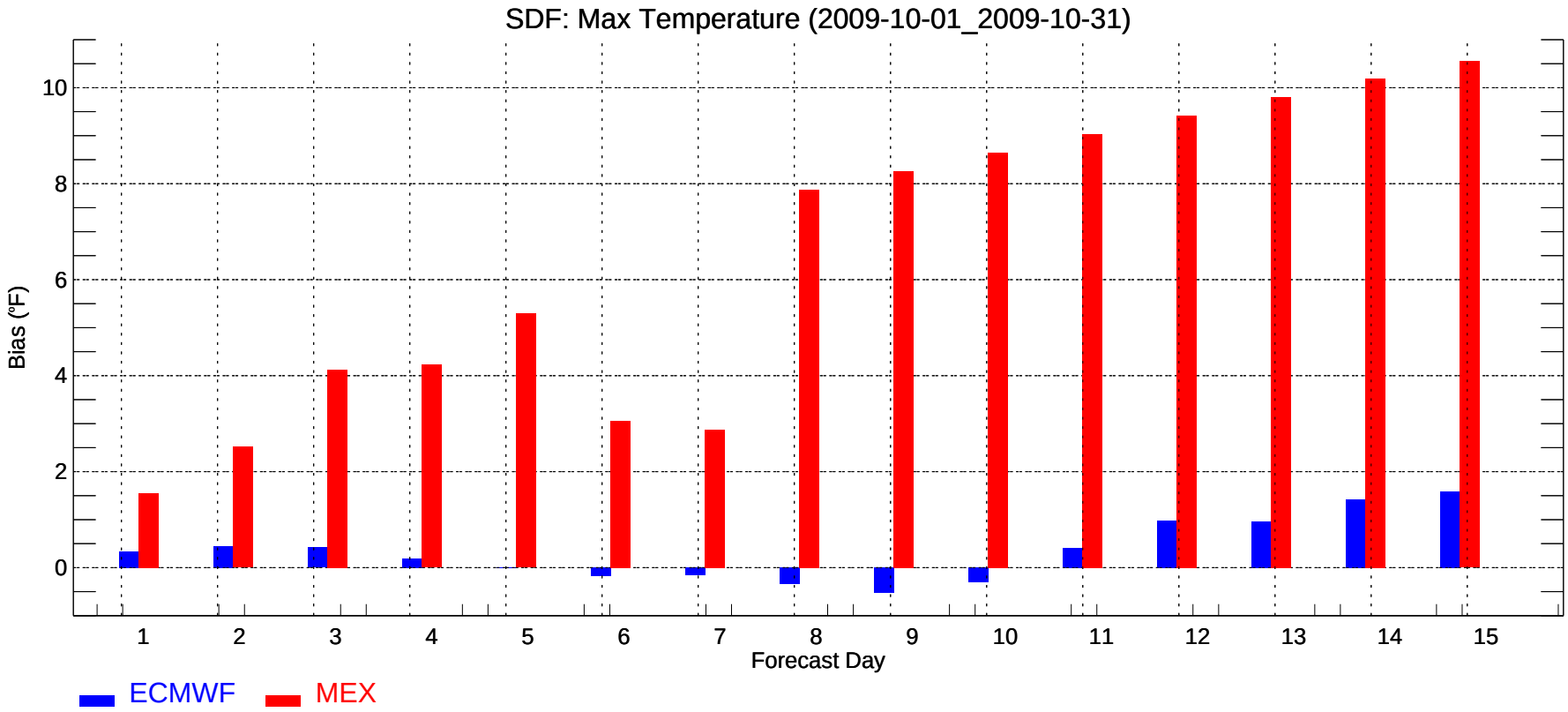
Forecast Day
ECMWF
MEX


SDF: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
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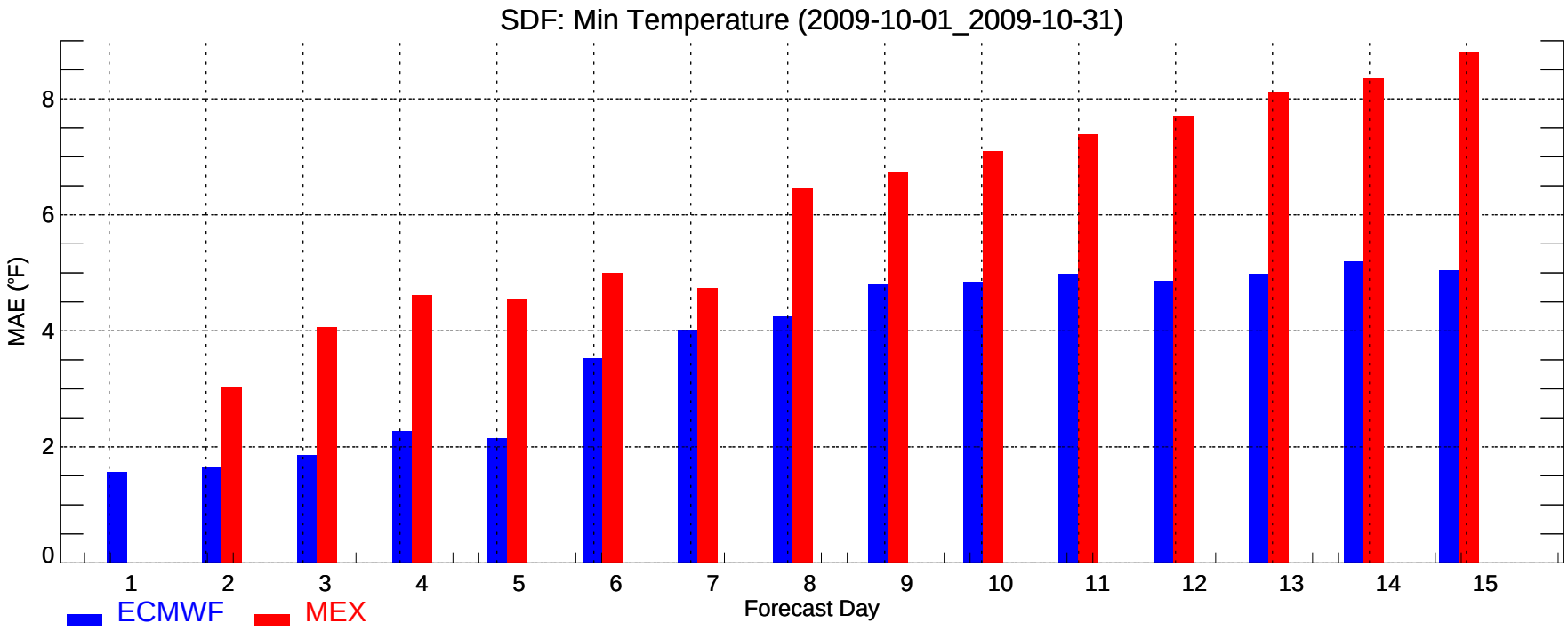
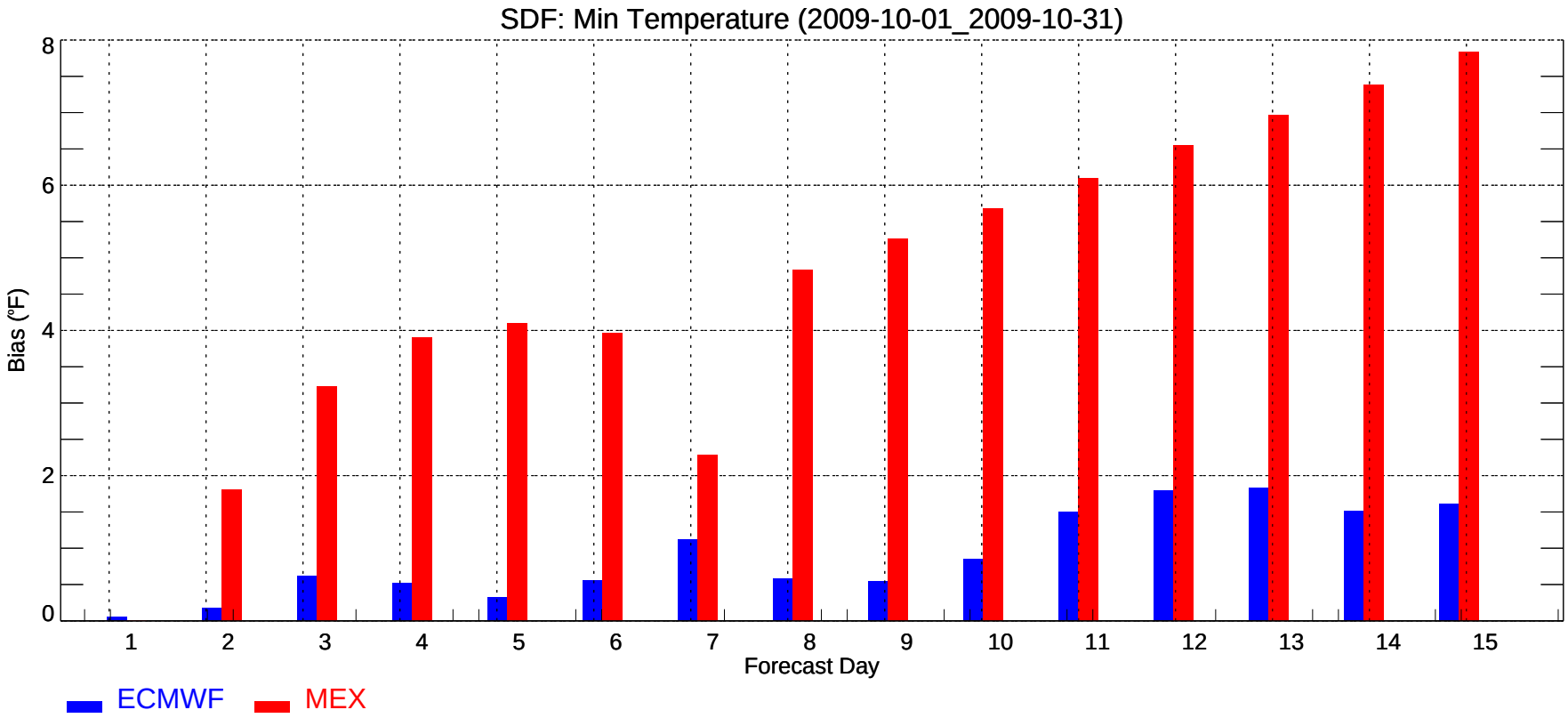
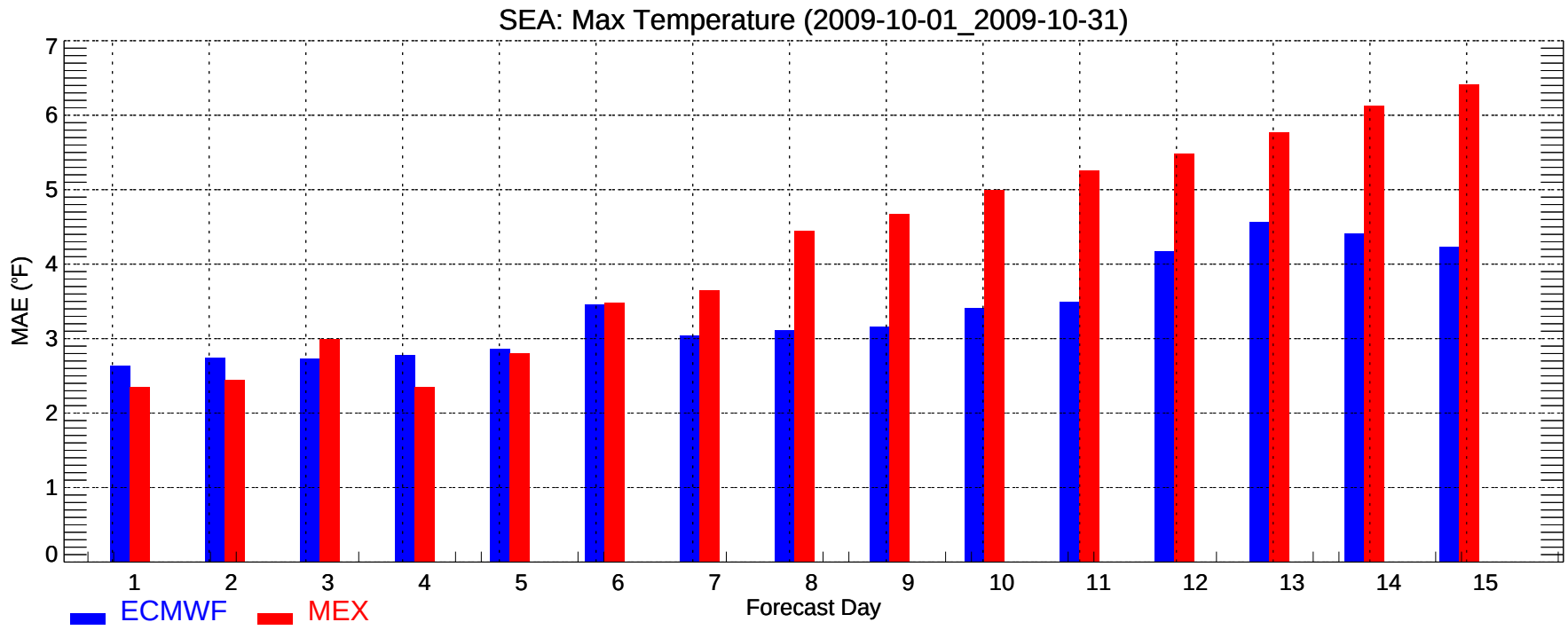
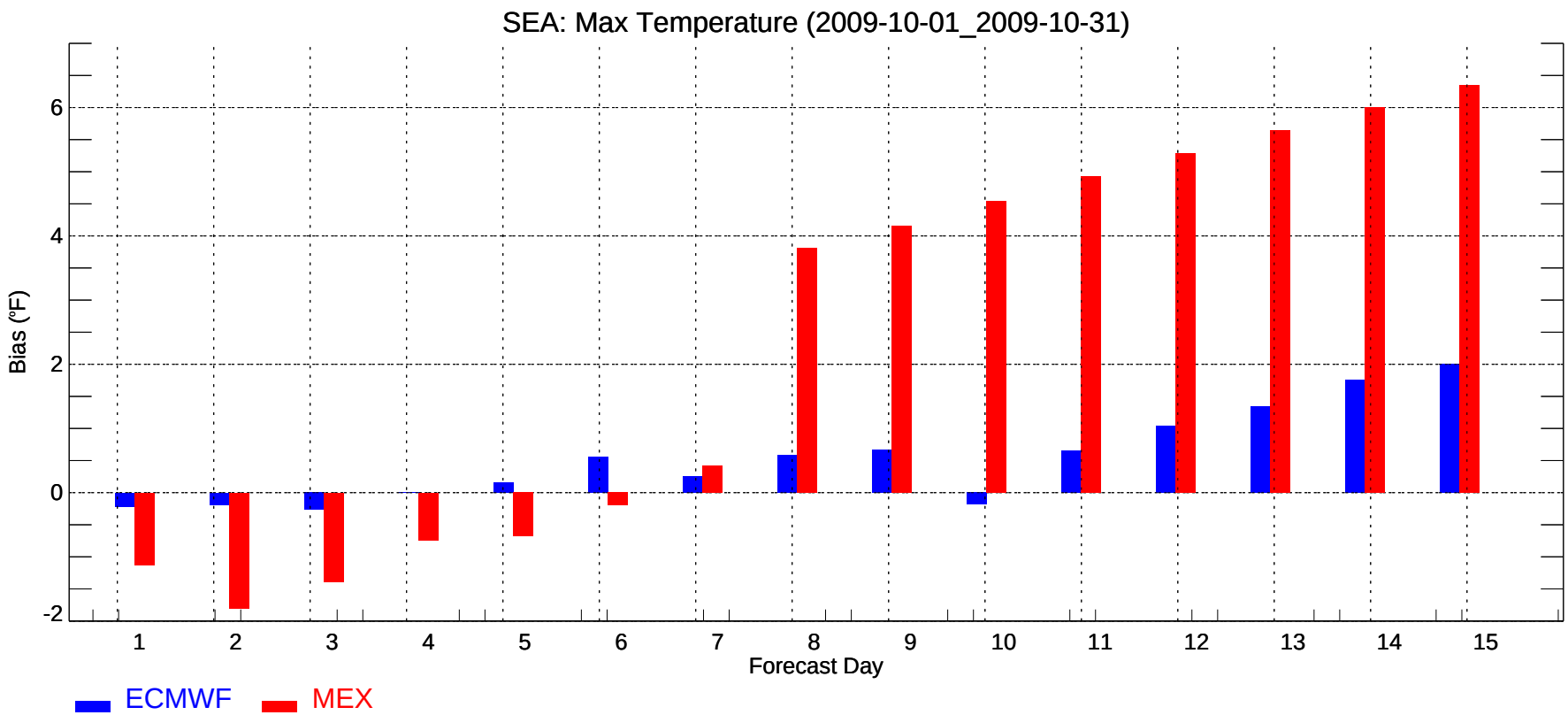
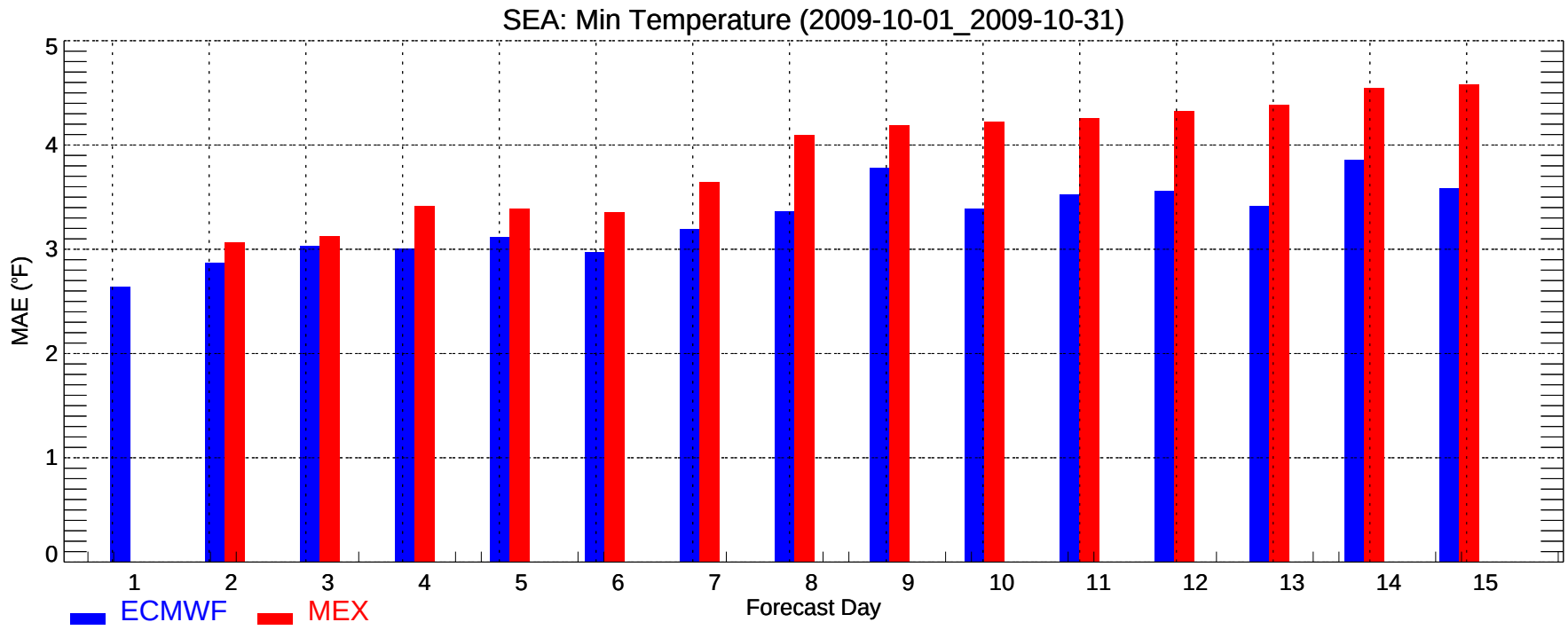
Forecast Day
ECMWF
MEX

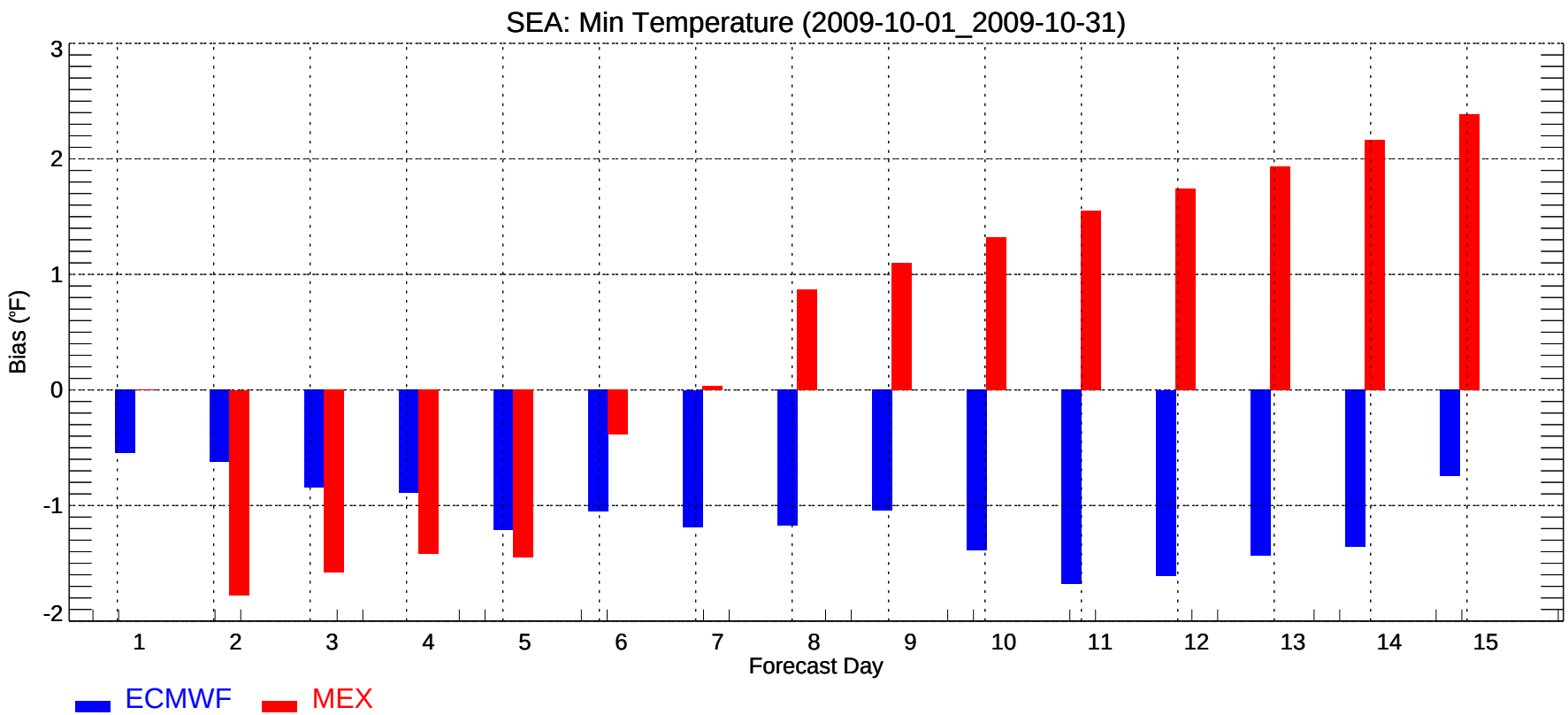

SDF: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

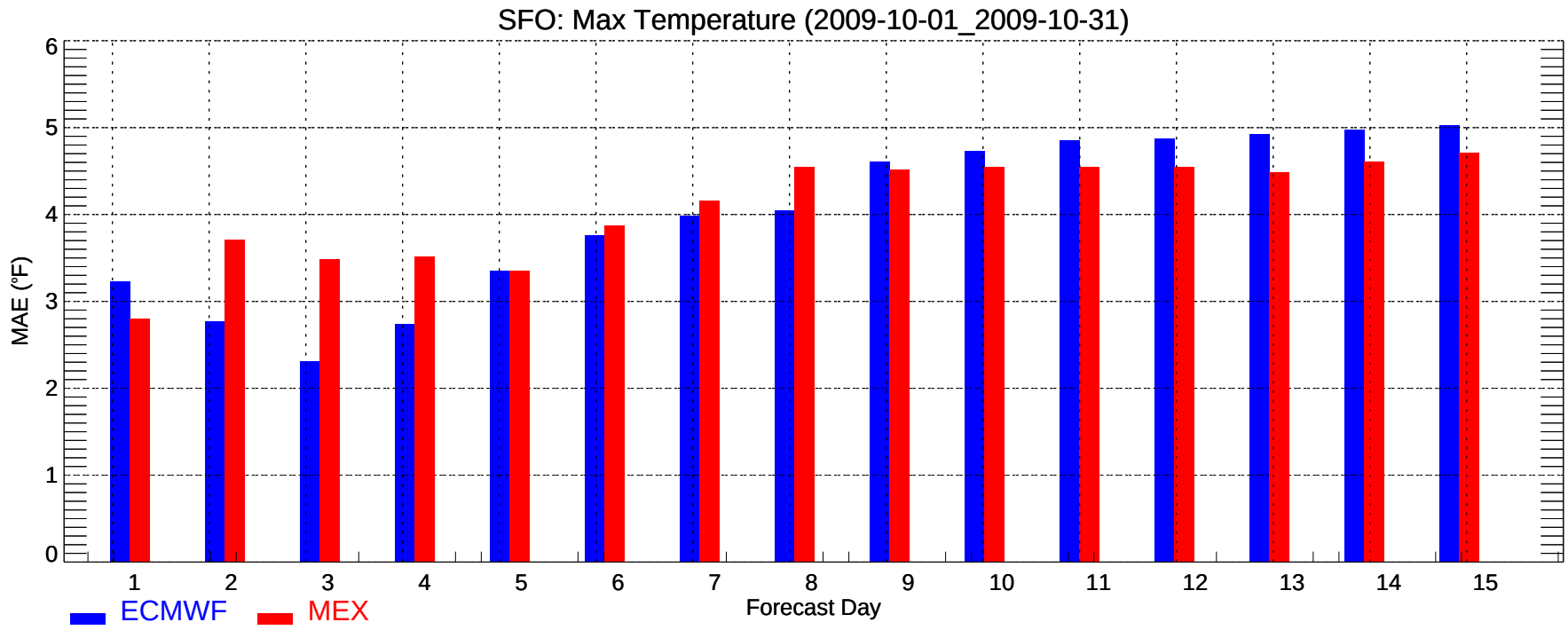

SDF: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

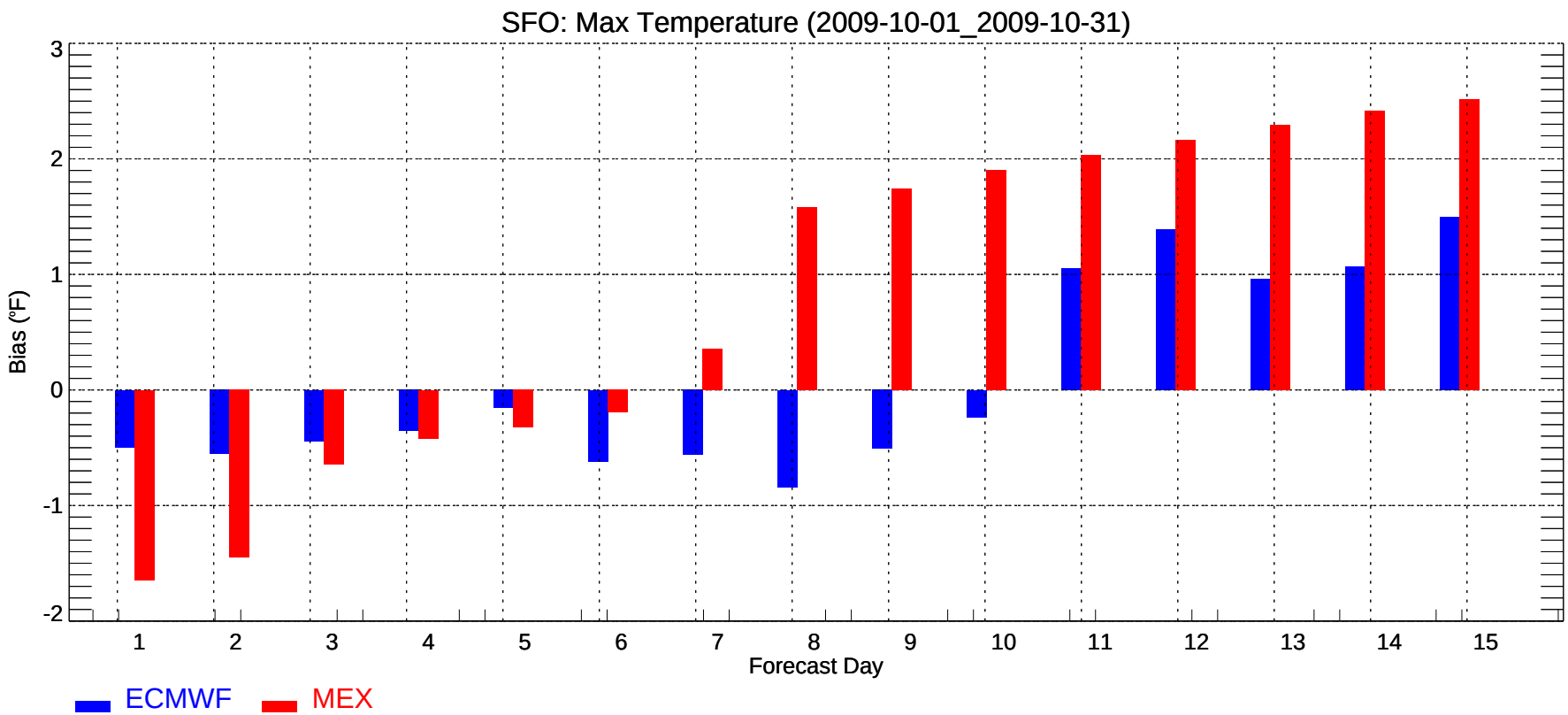

SEA: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

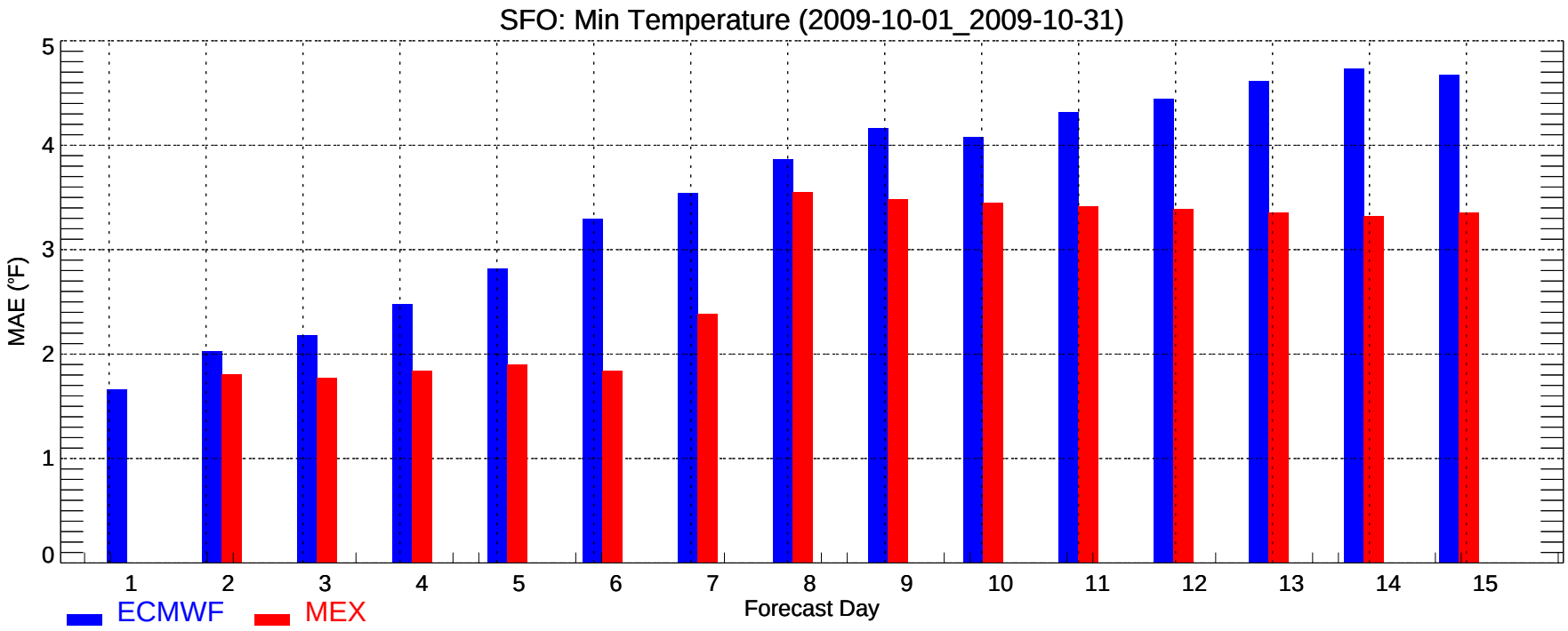

SEA: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

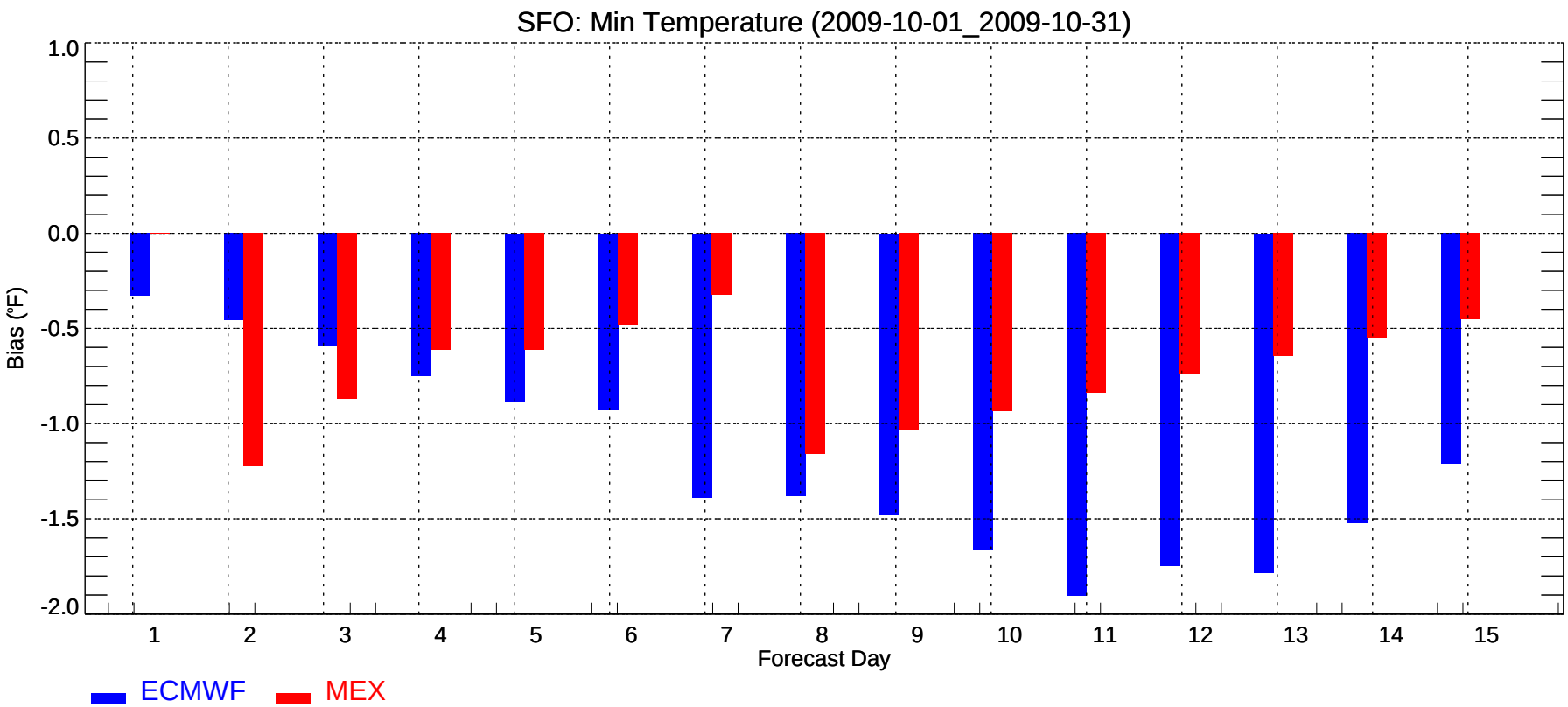

SEA: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

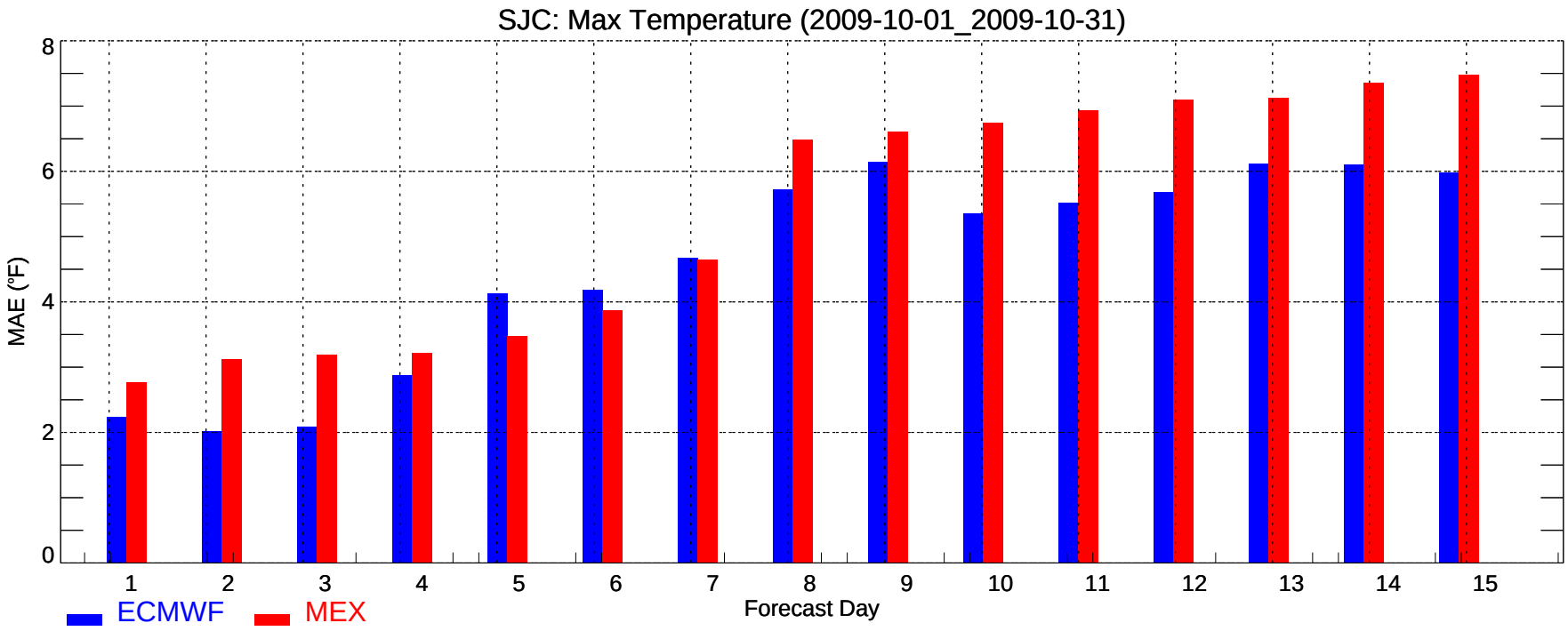

SEA: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

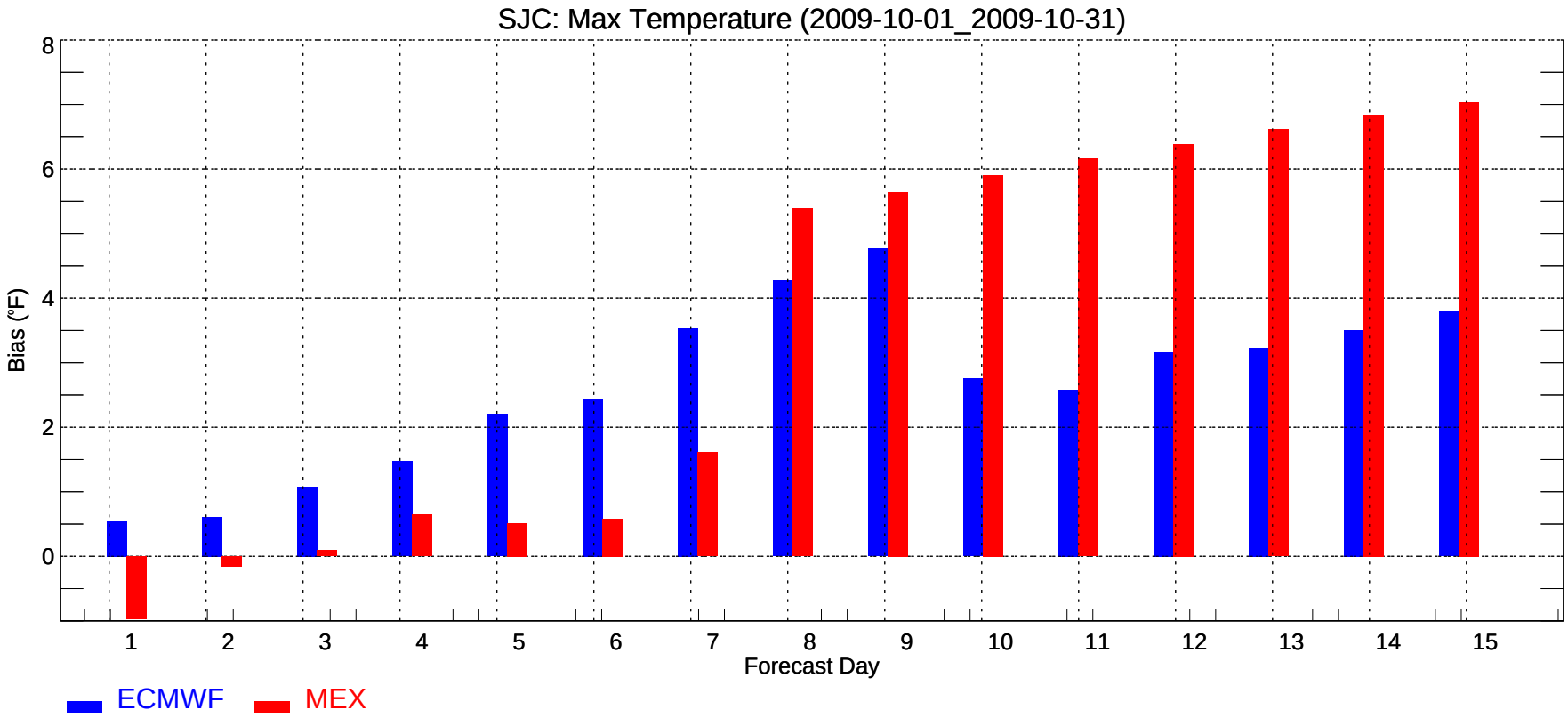

SFO: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

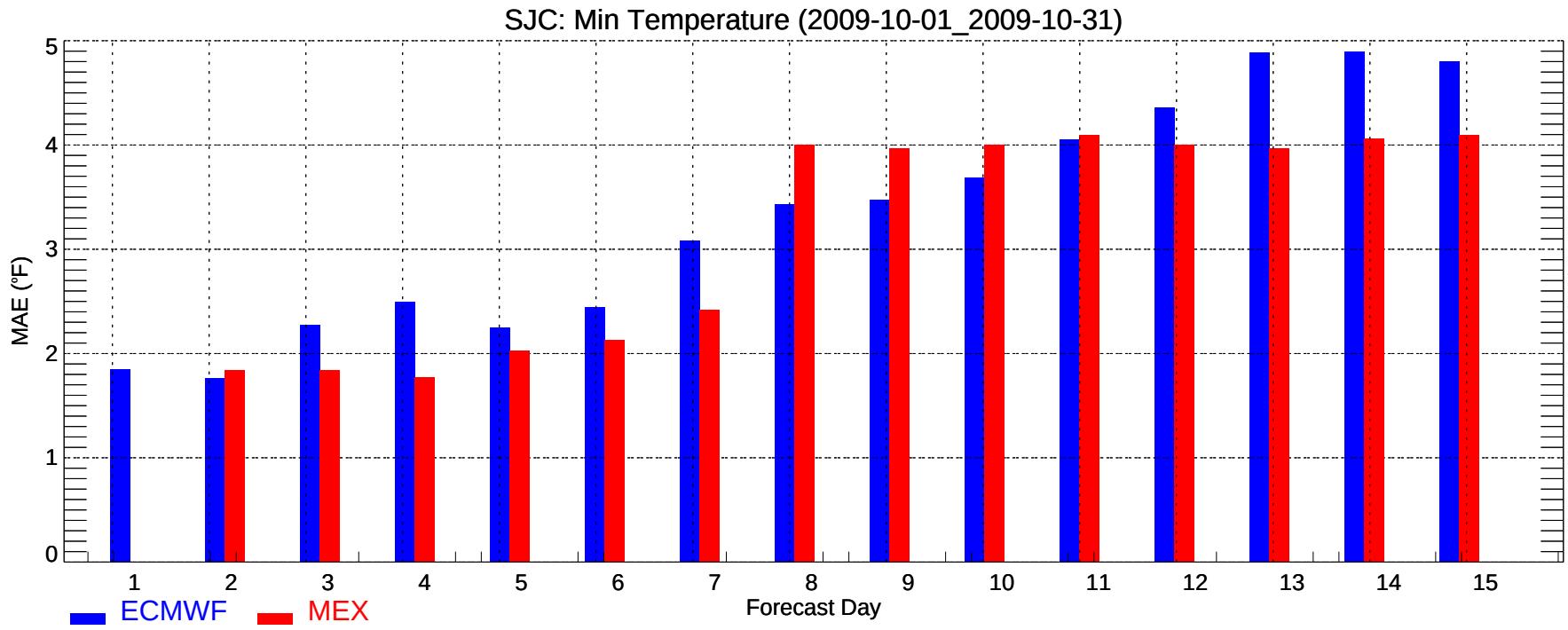

SFO: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

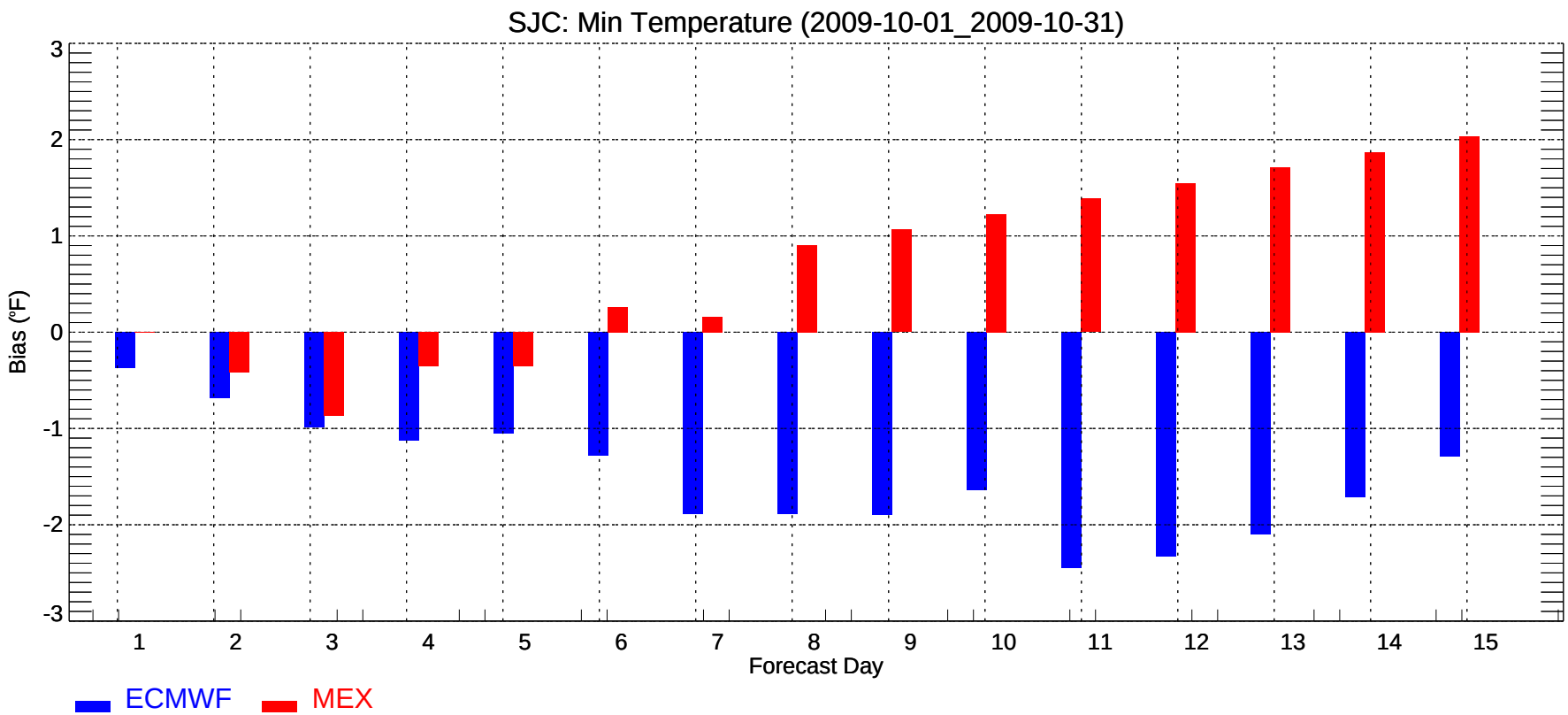

SFO: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

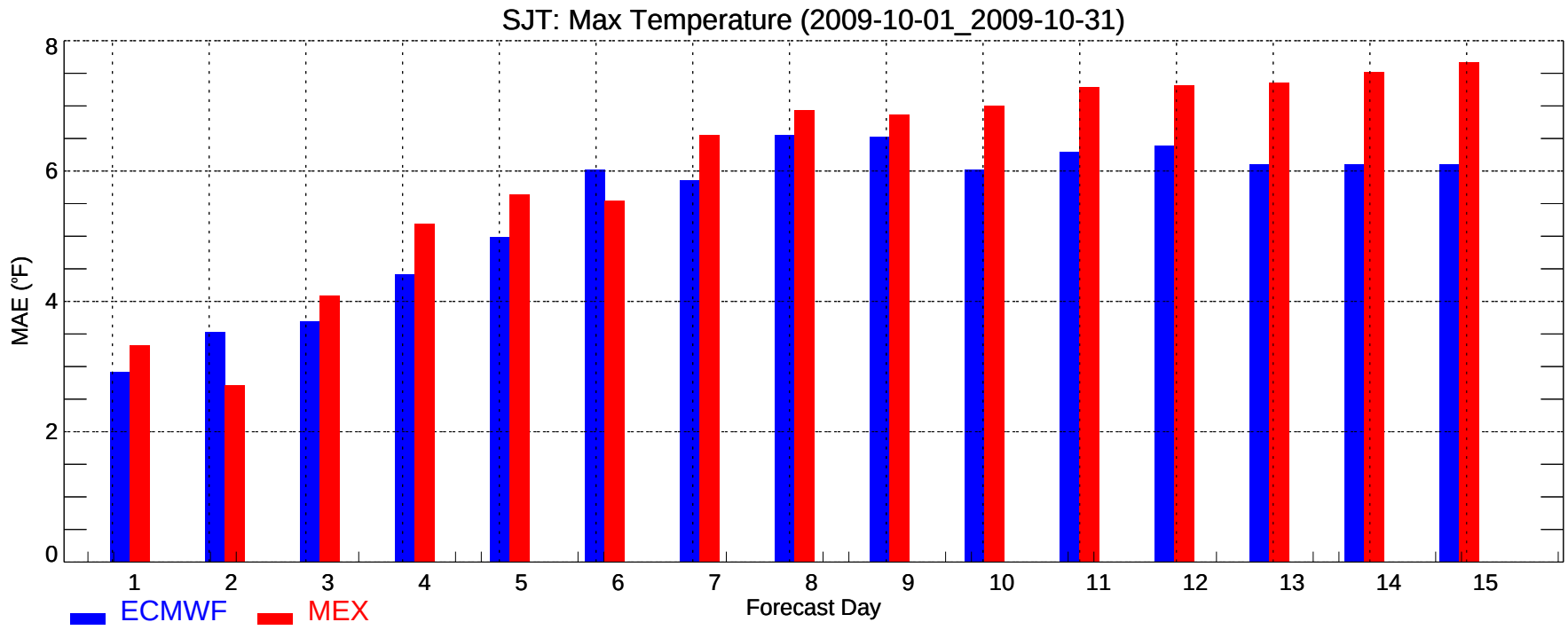

SFO: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

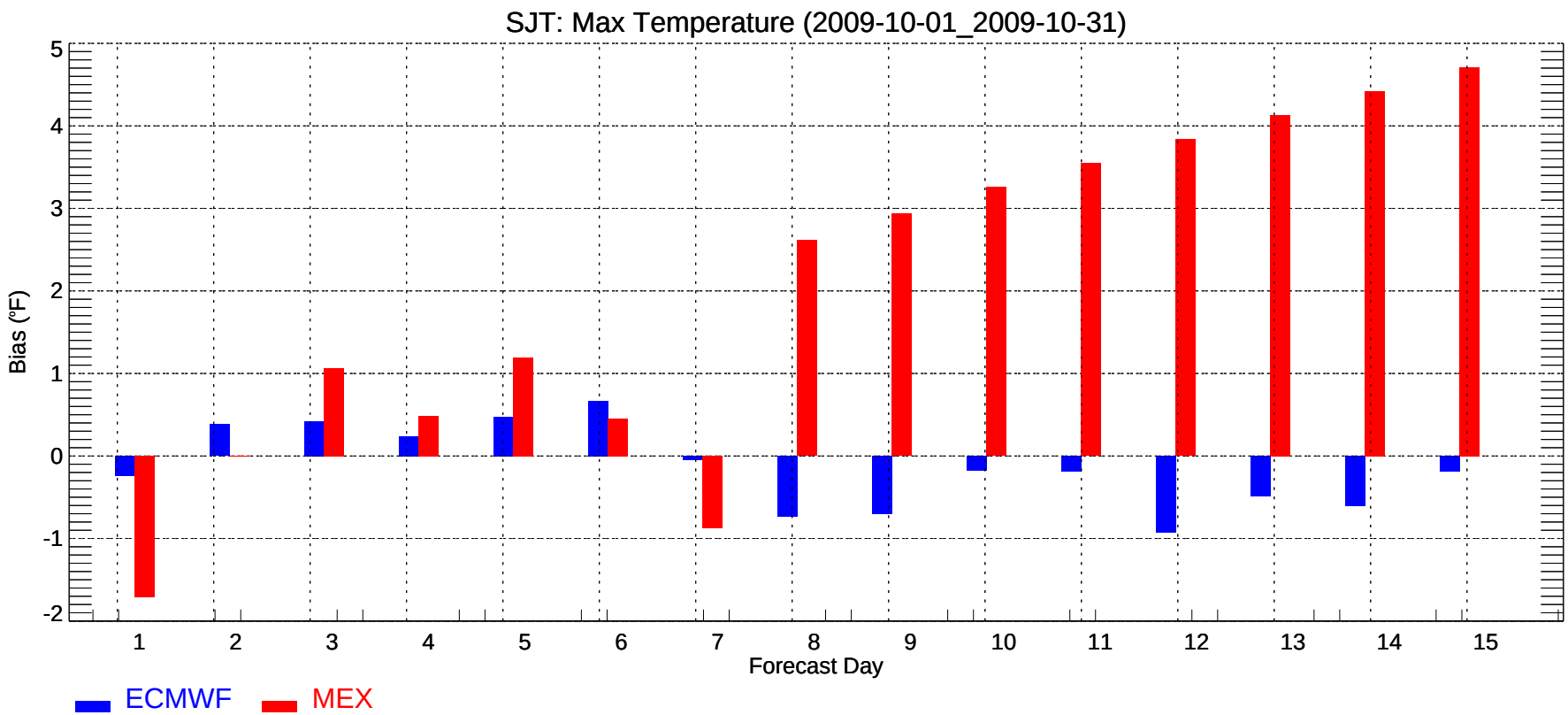

SJC: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

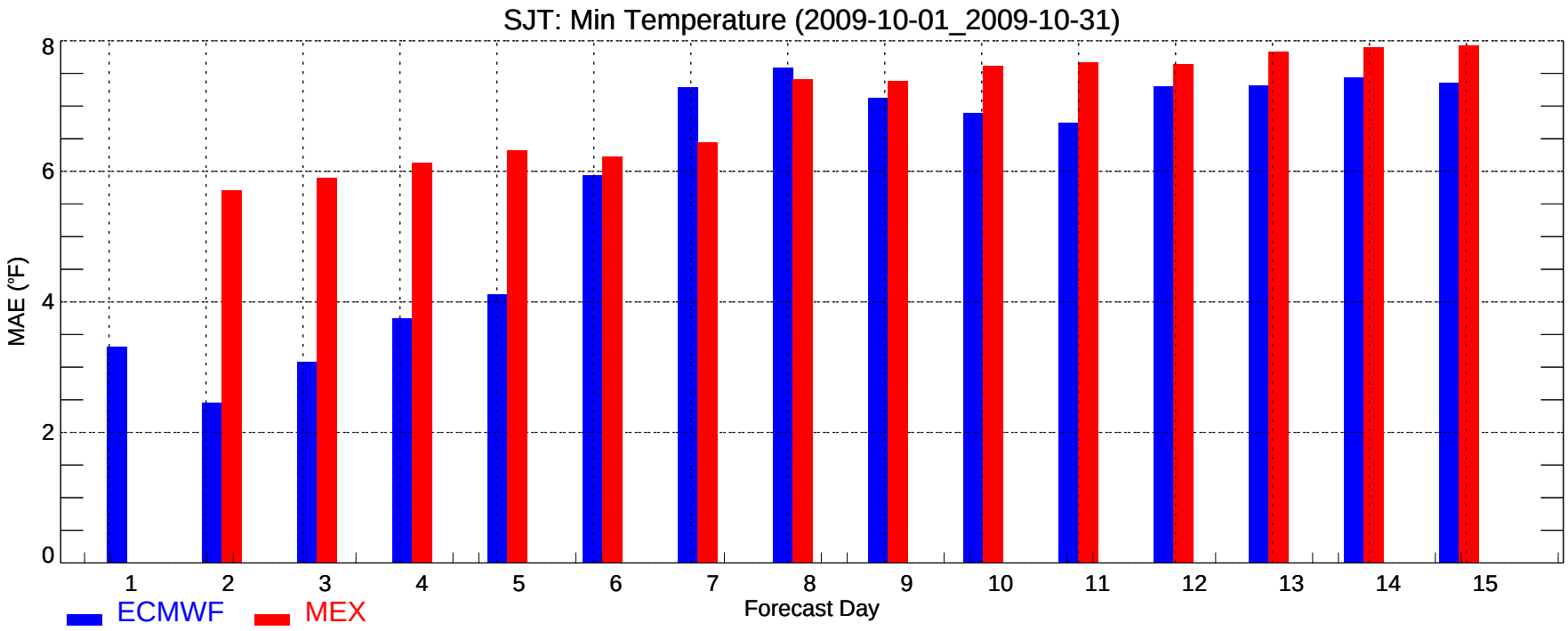

SJC: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

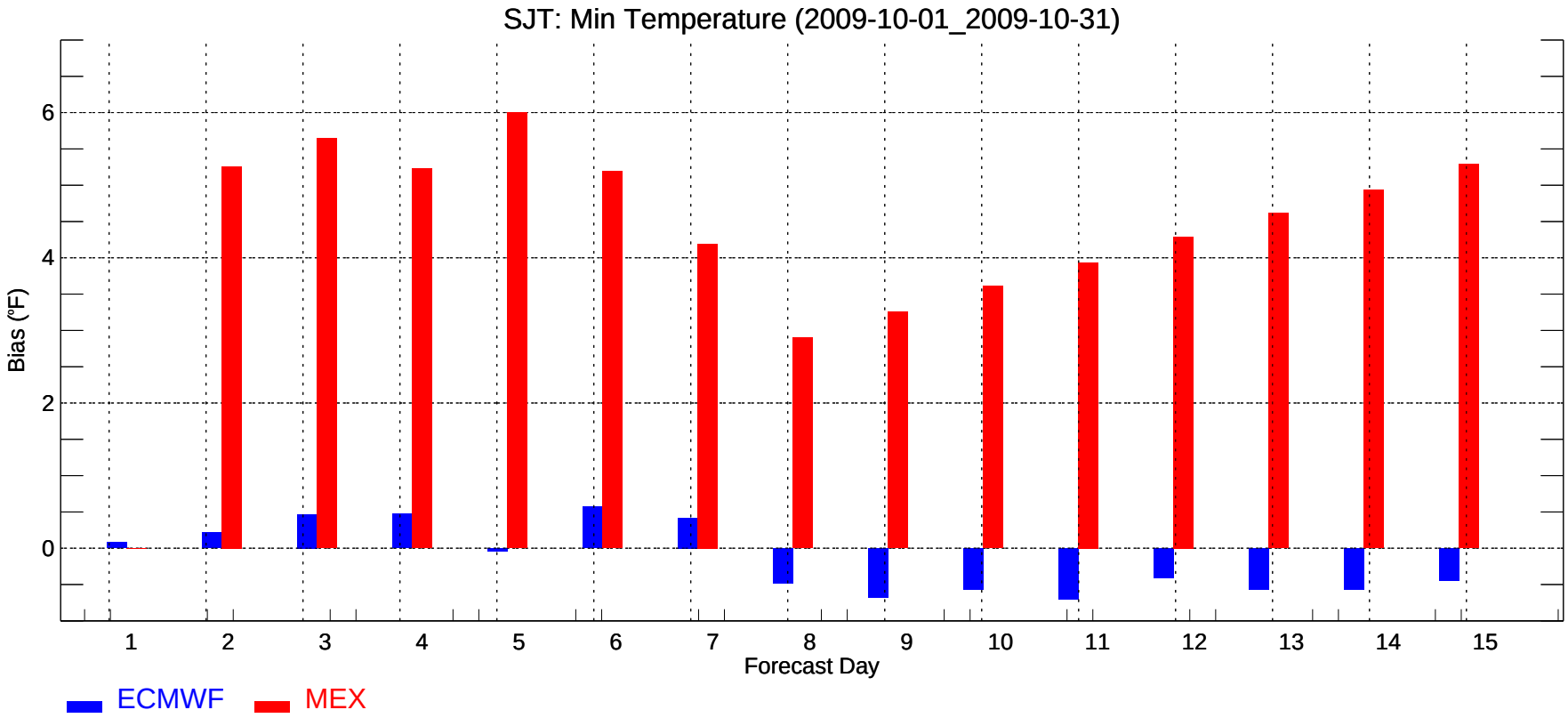

SJC: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

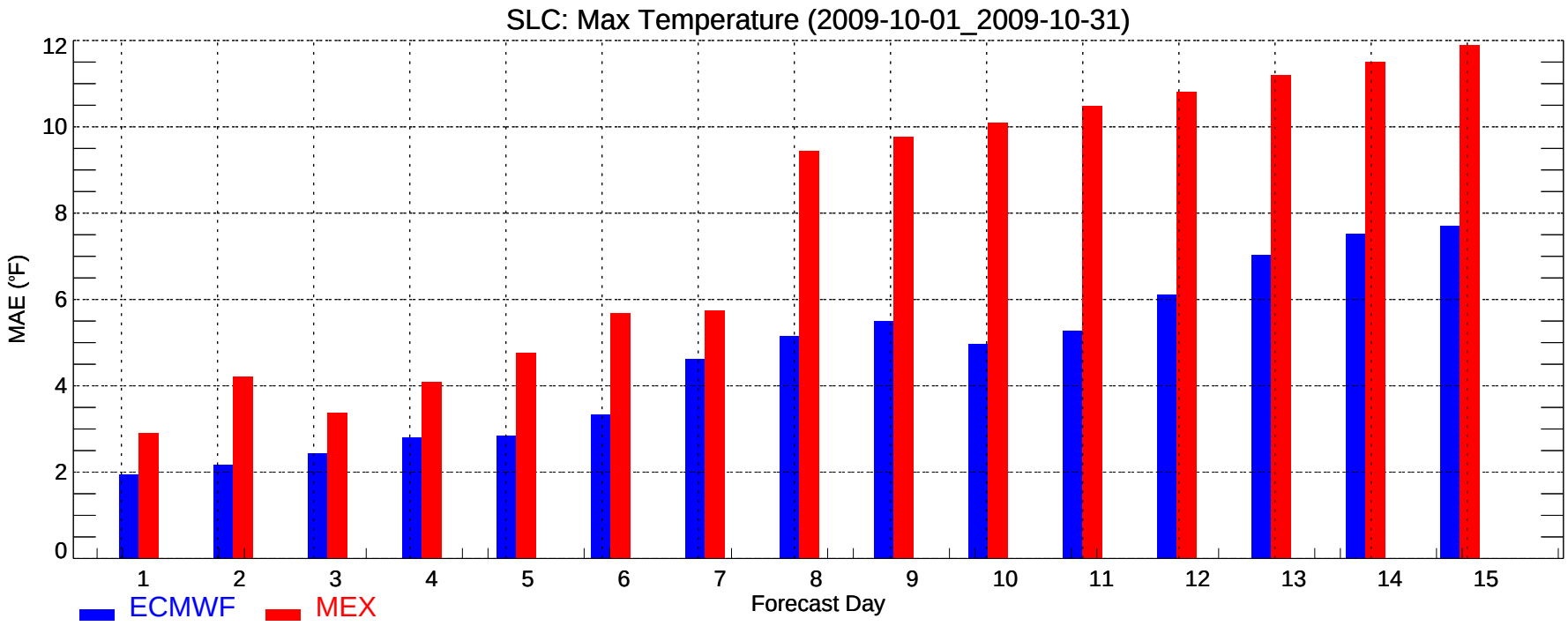

SJC: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

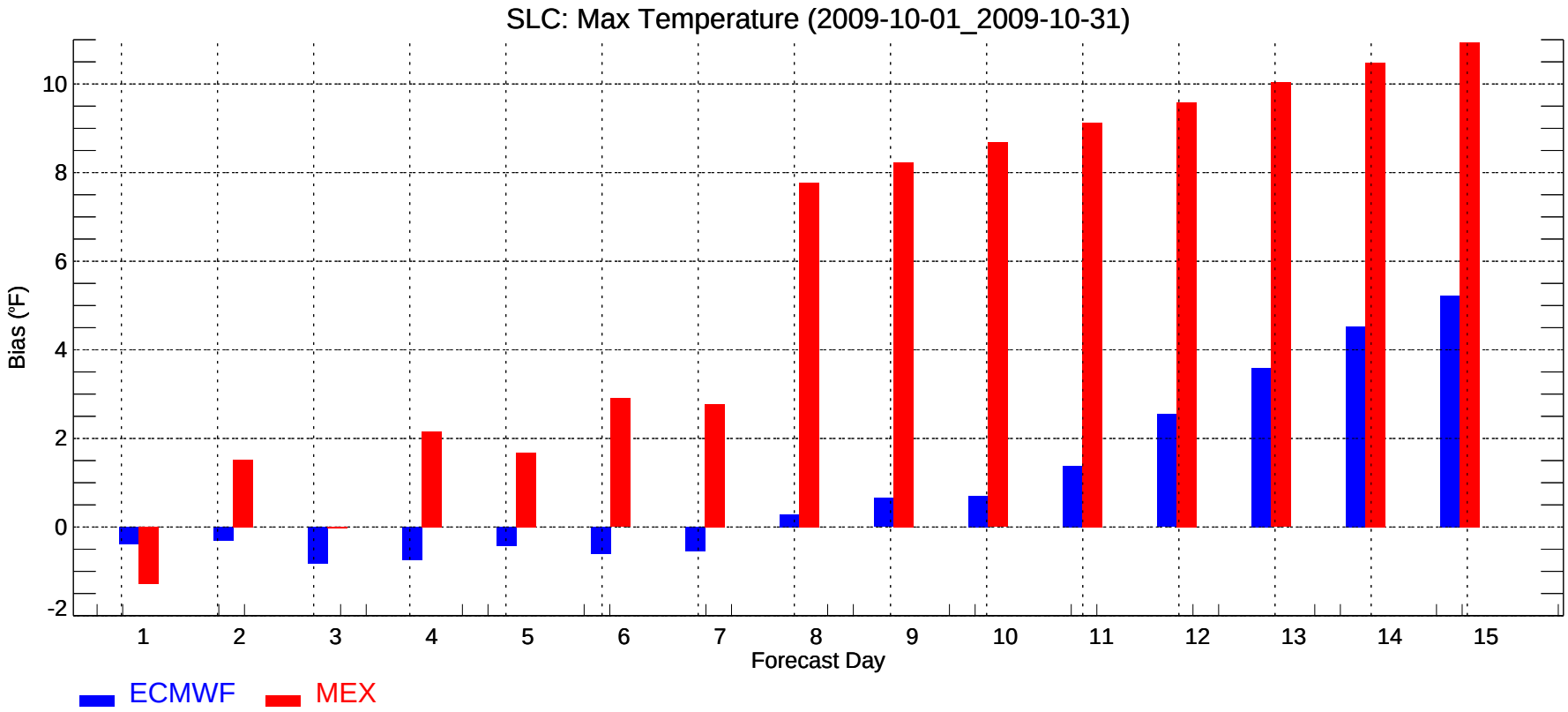

SJT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SLC: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SLC: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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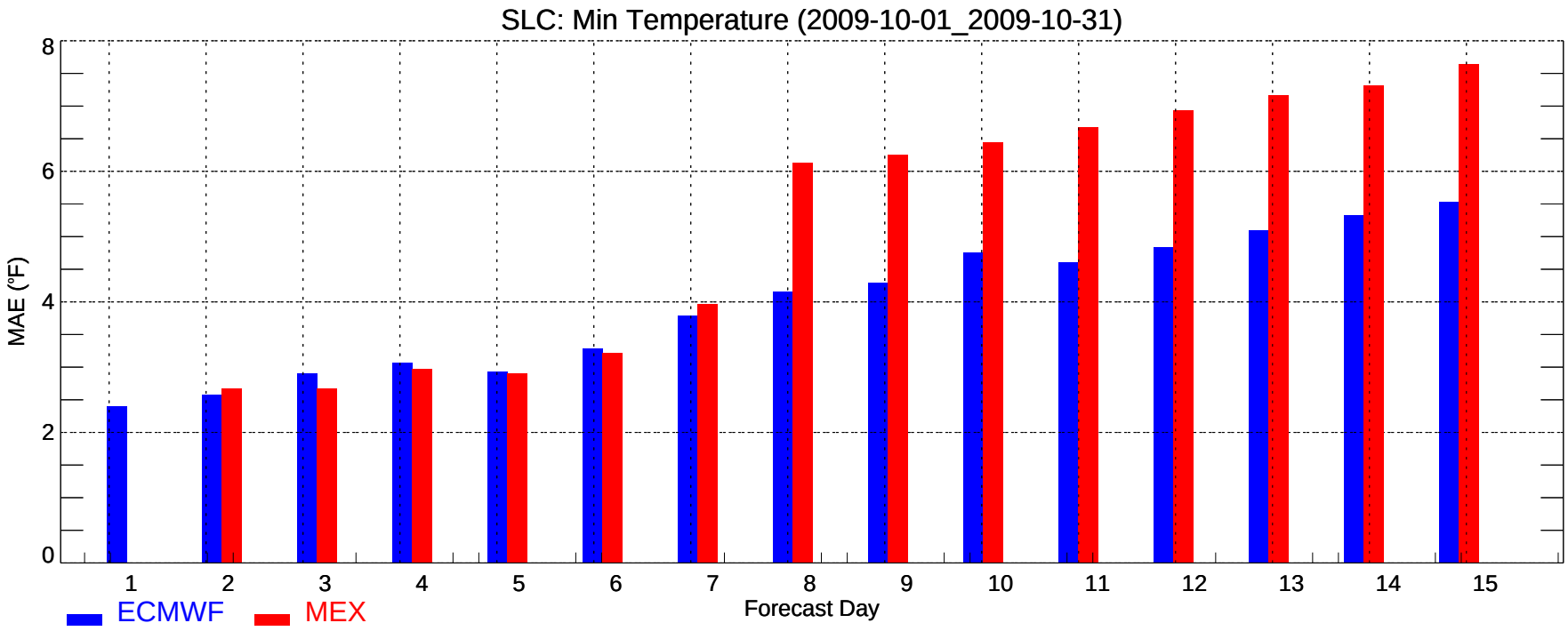
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SLC: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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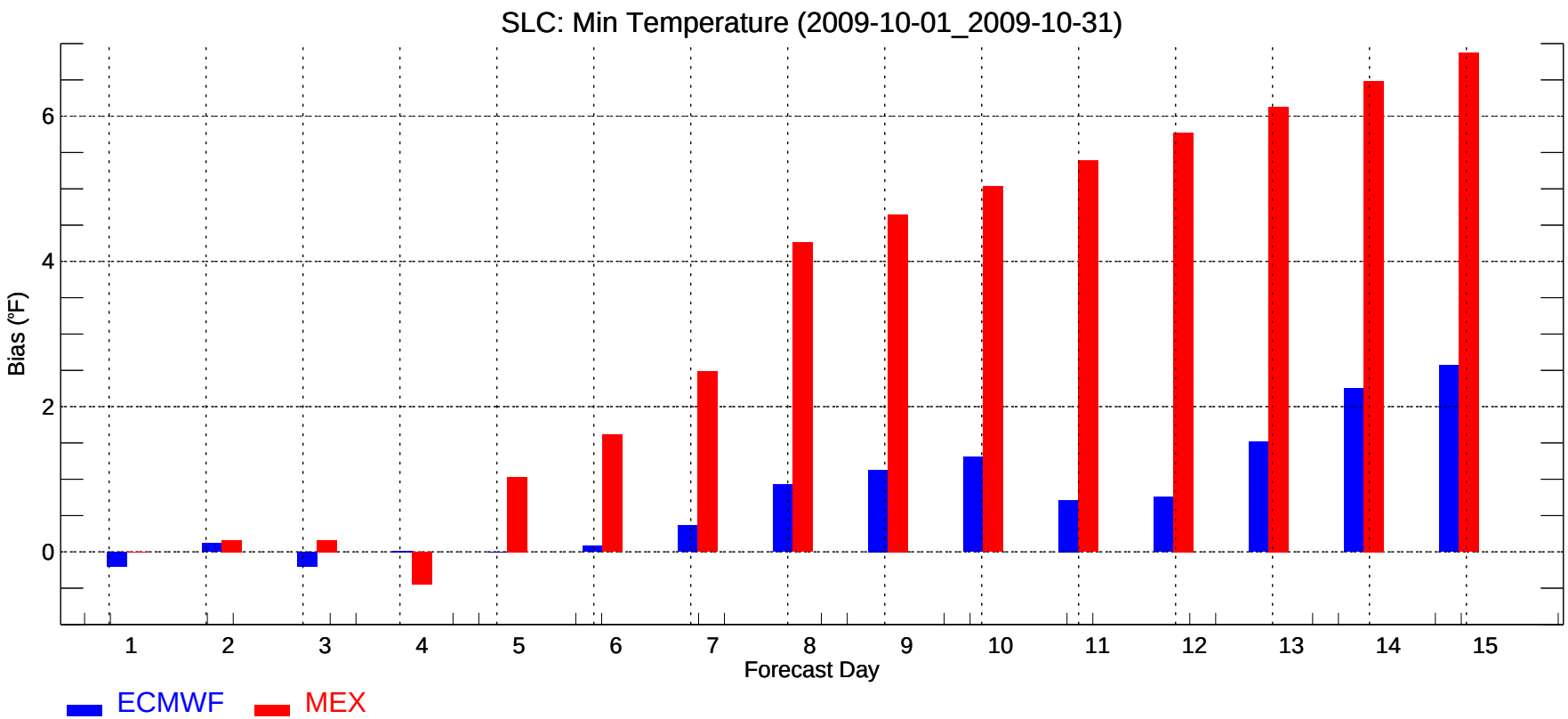
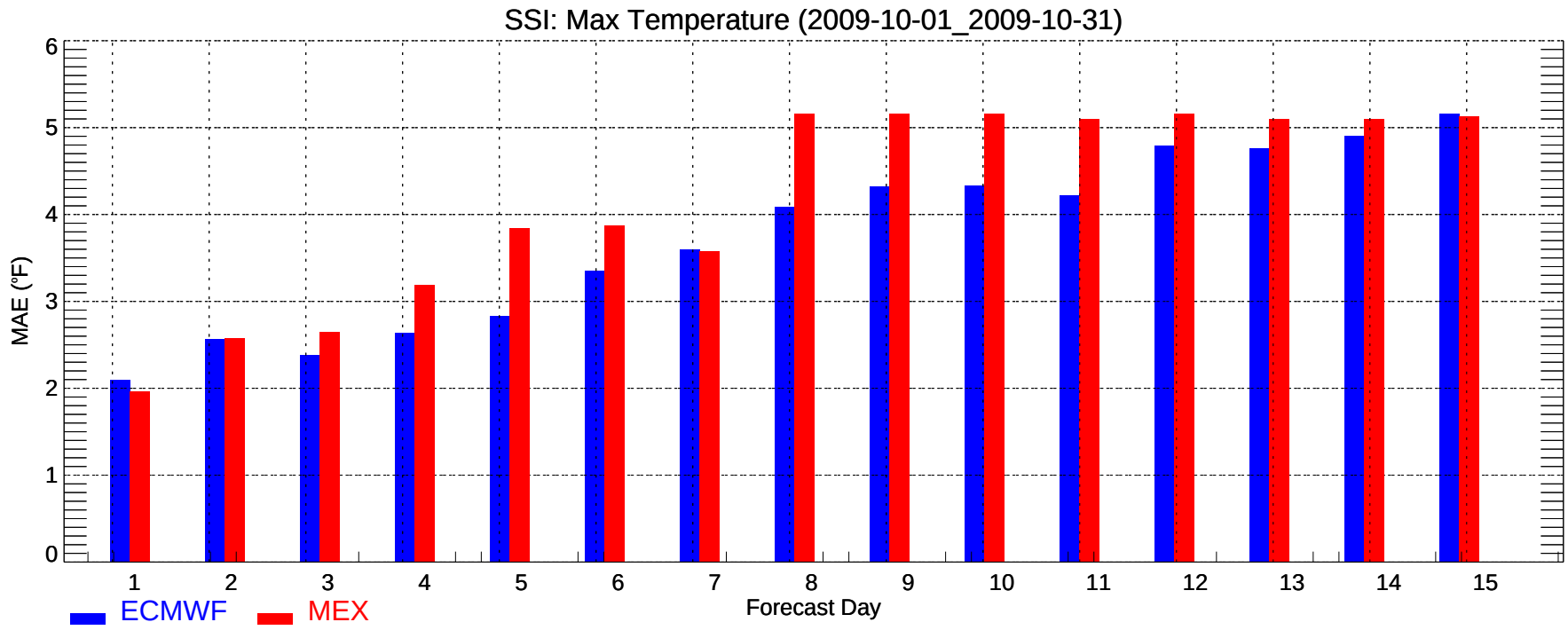
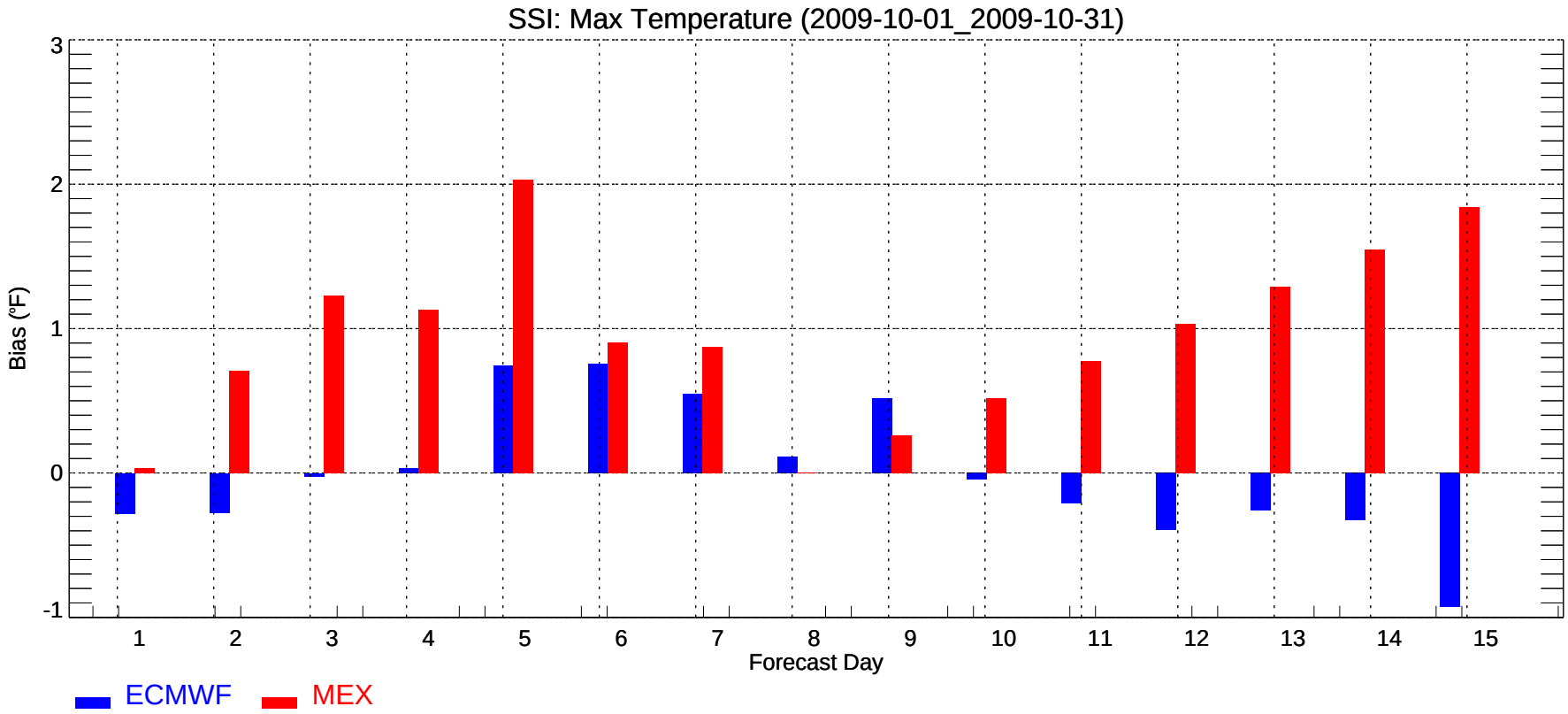
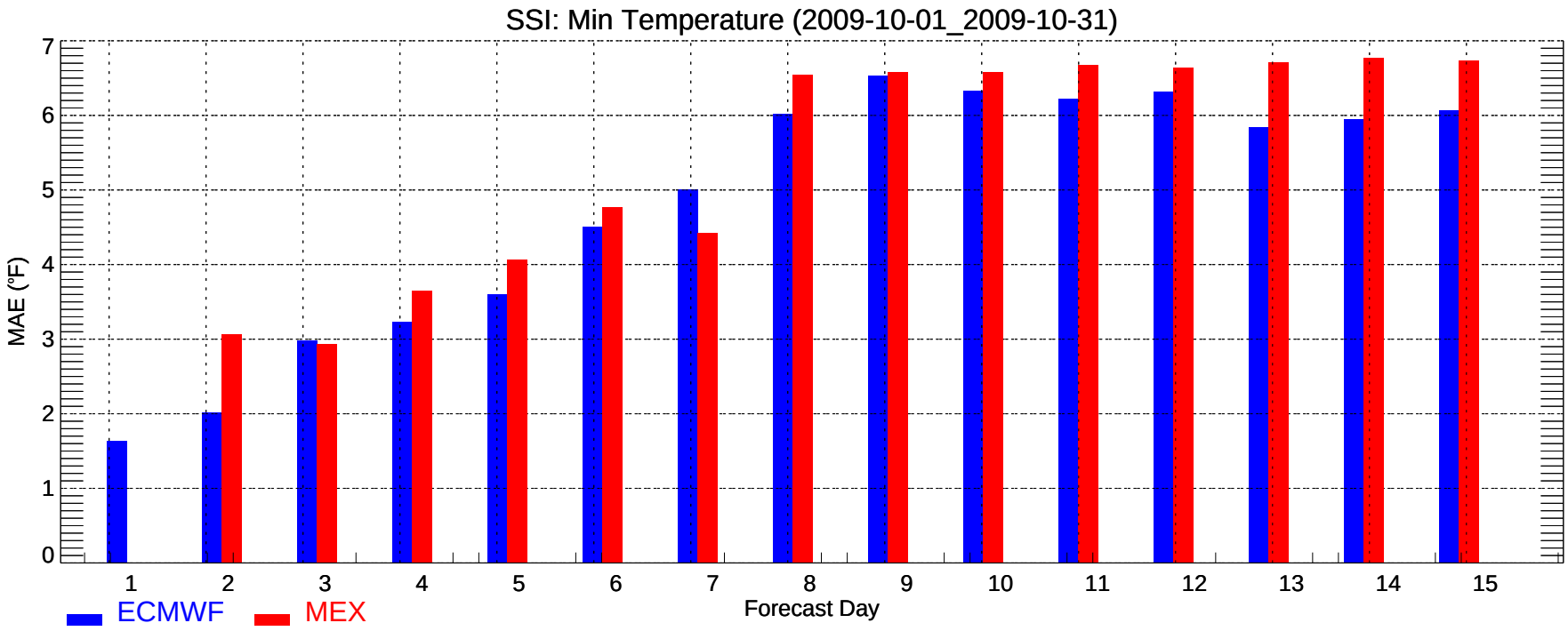
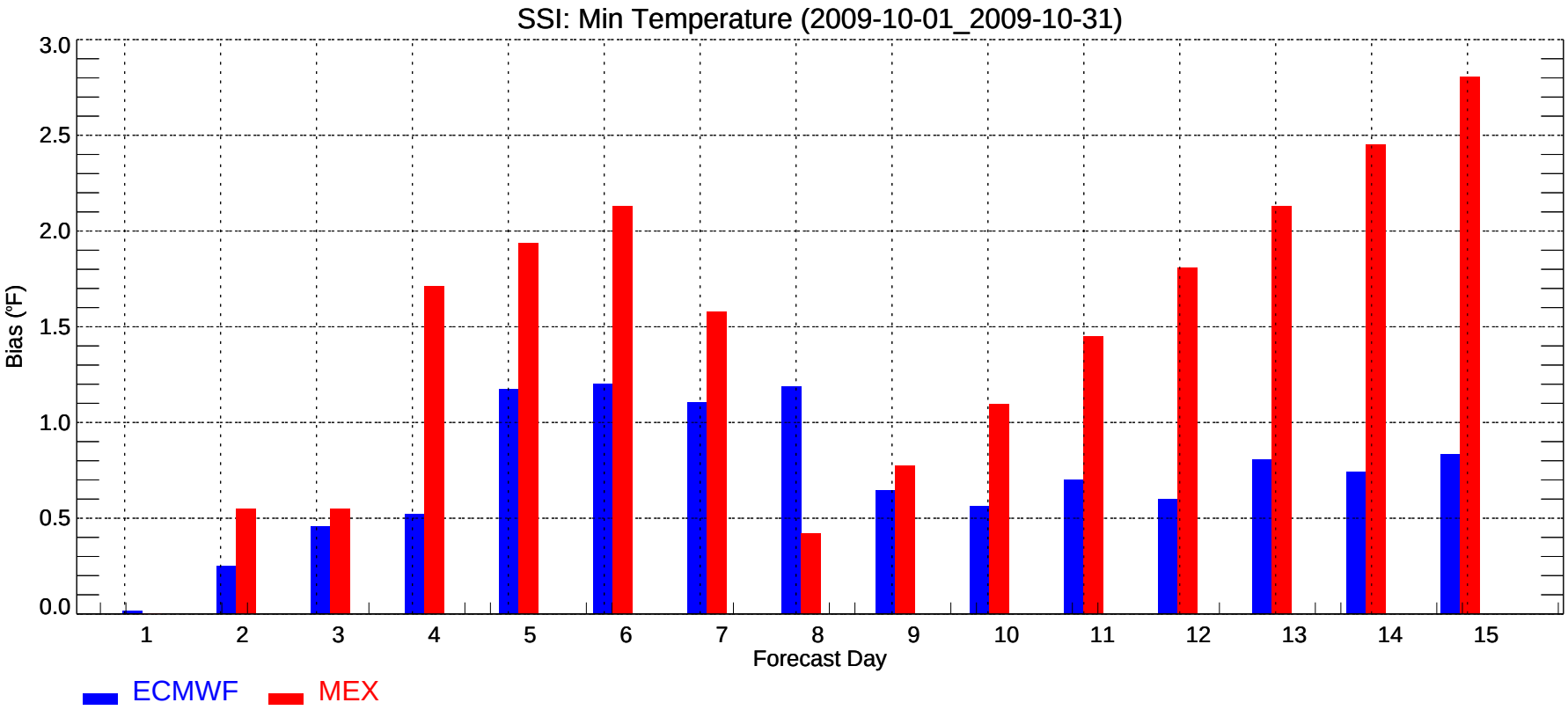
13
14
15
Forecast Day
ECMWF
MEX


SLC: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SSI: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SSI: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SSI: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SSI: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1
2
3
4
5
6
7
8
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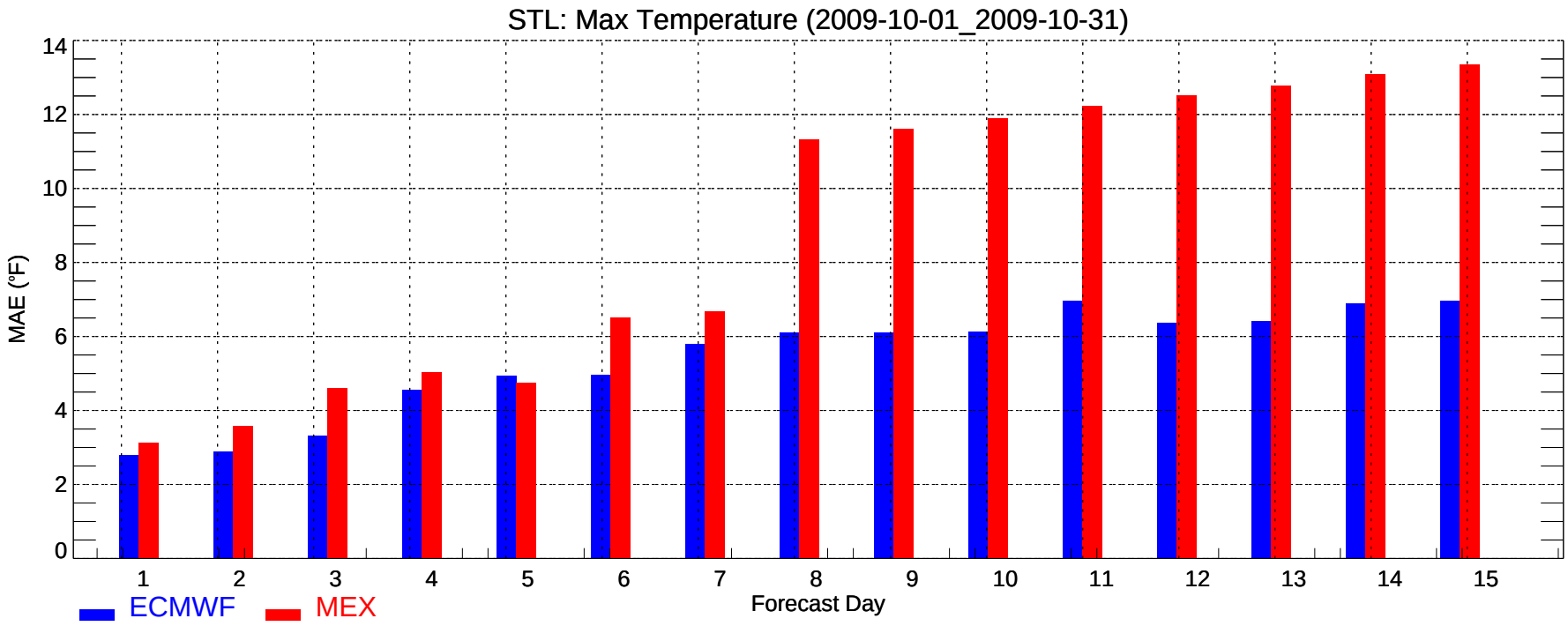
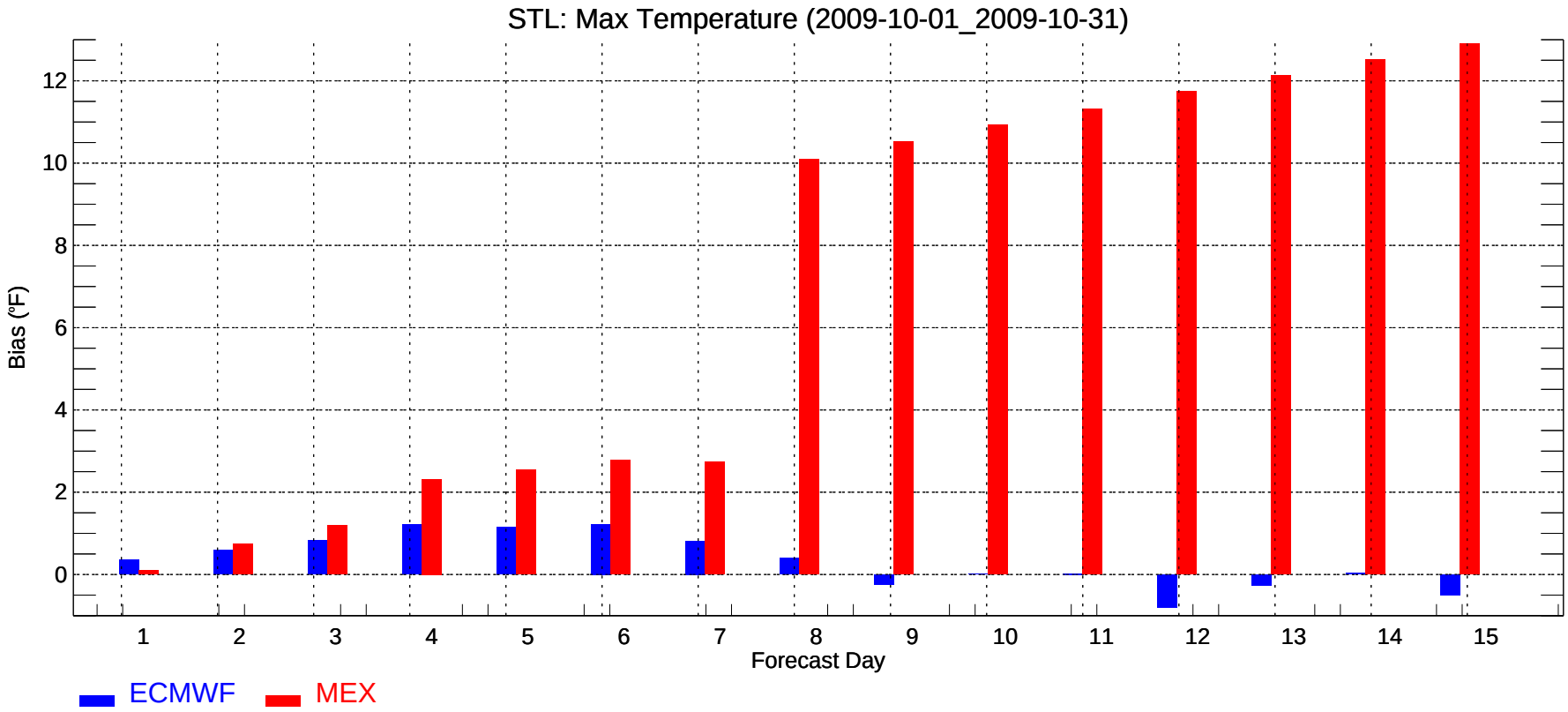
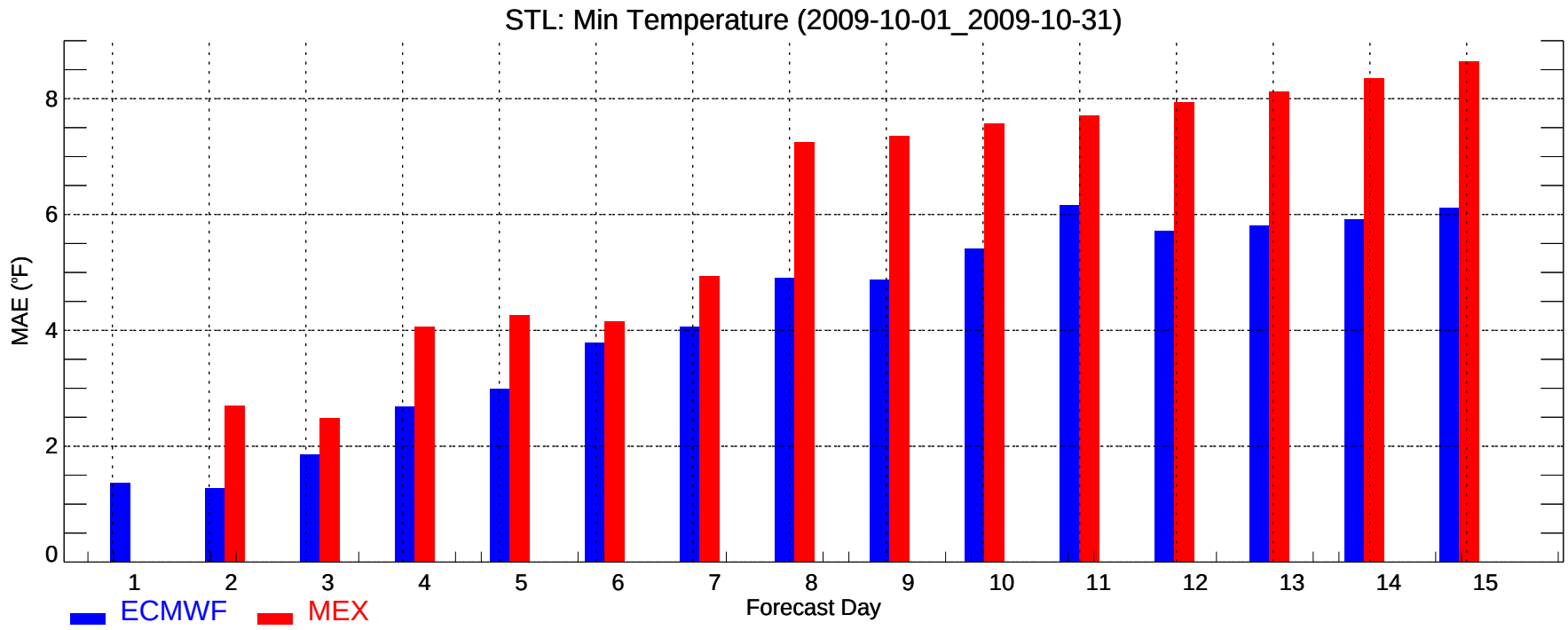
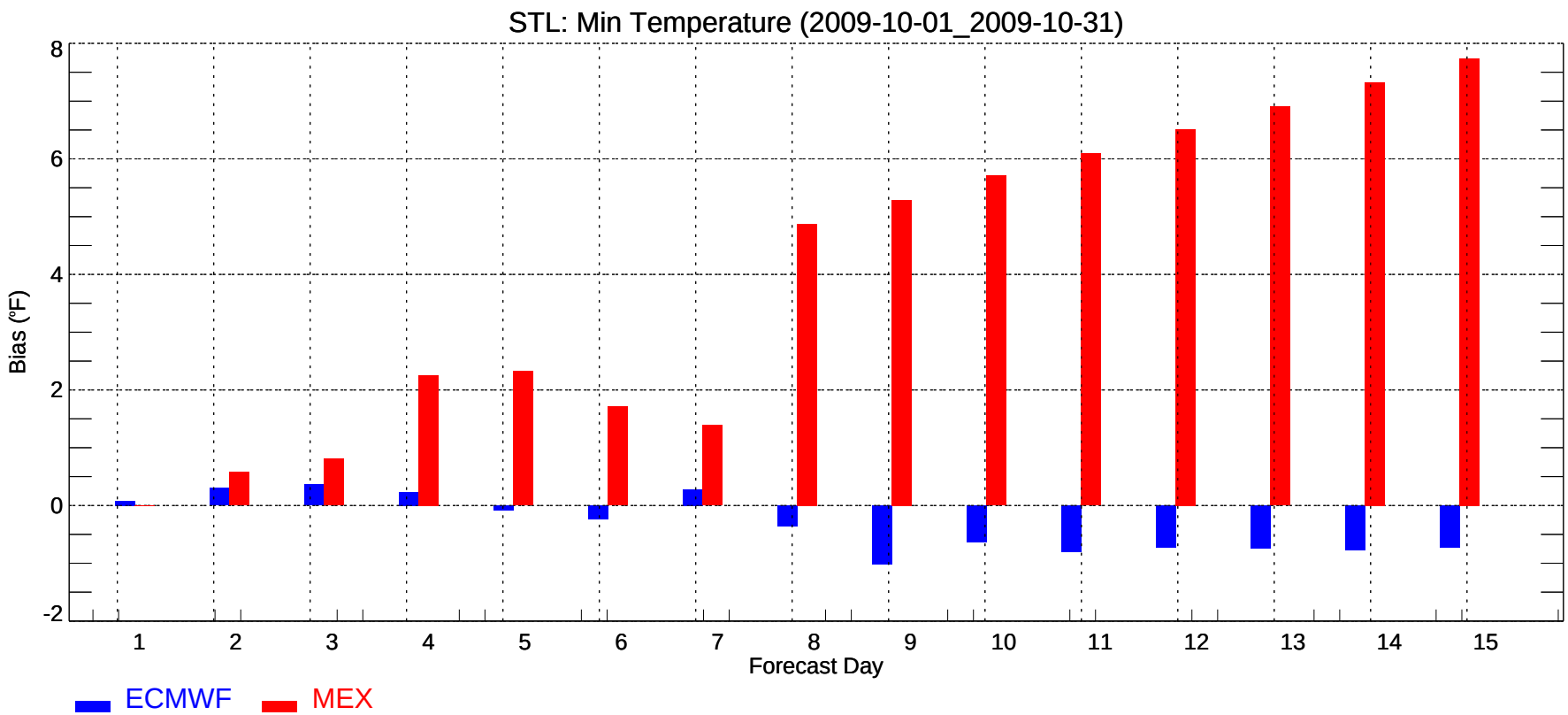
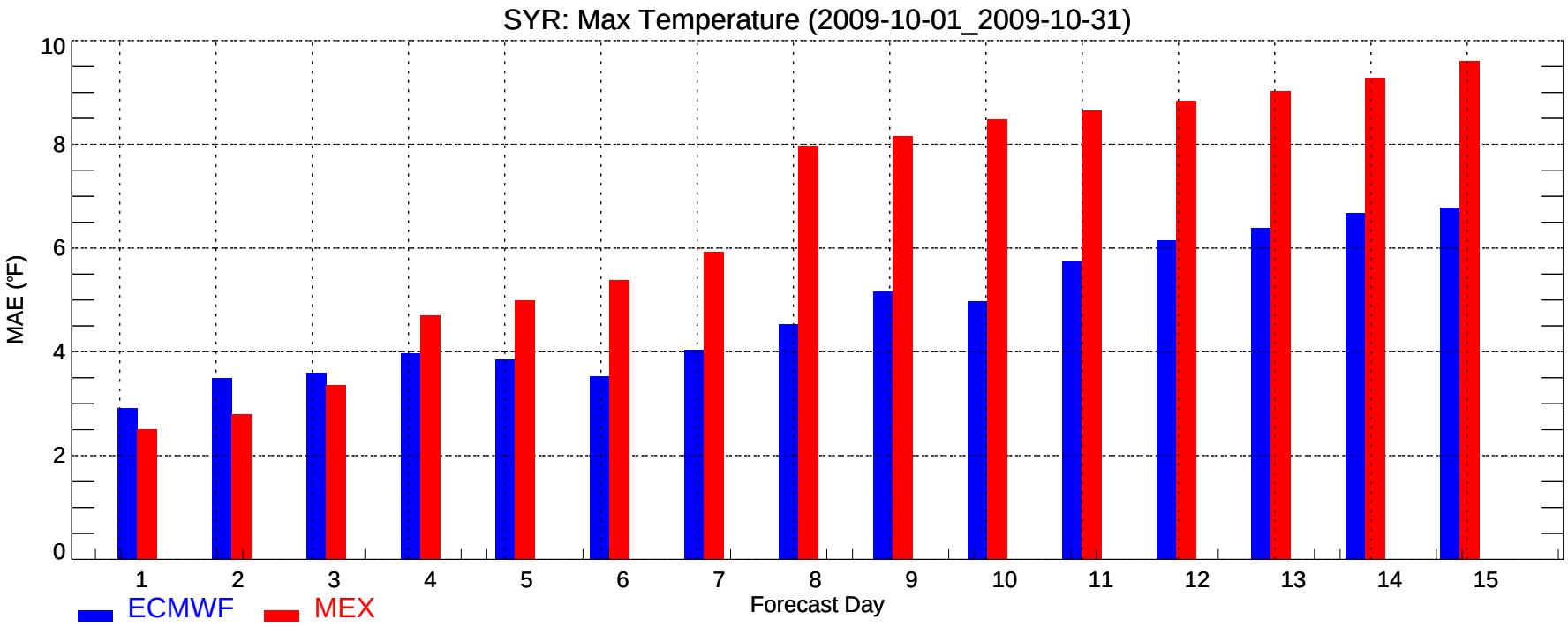
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

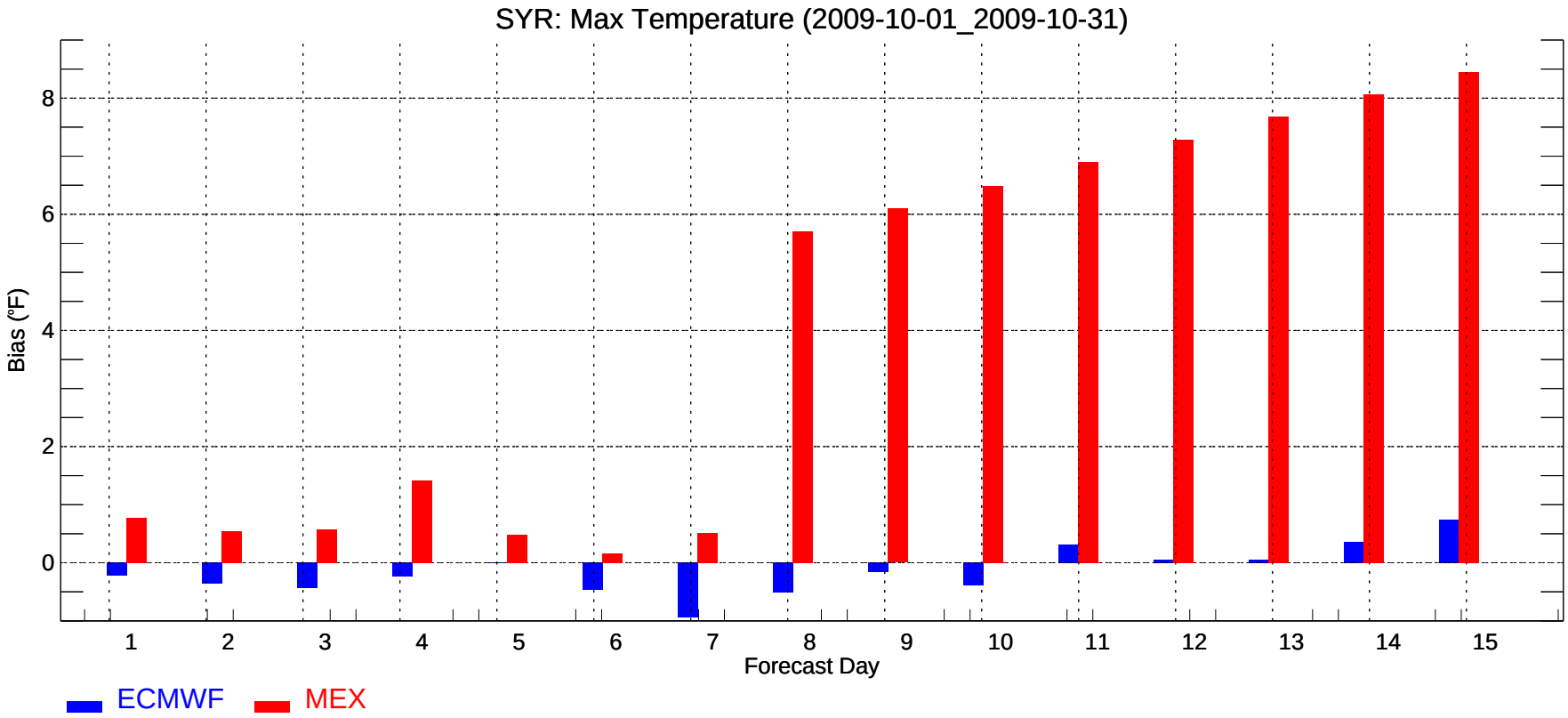

STL: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


STL: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


STL: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


STL: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SYR: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SYR: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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10
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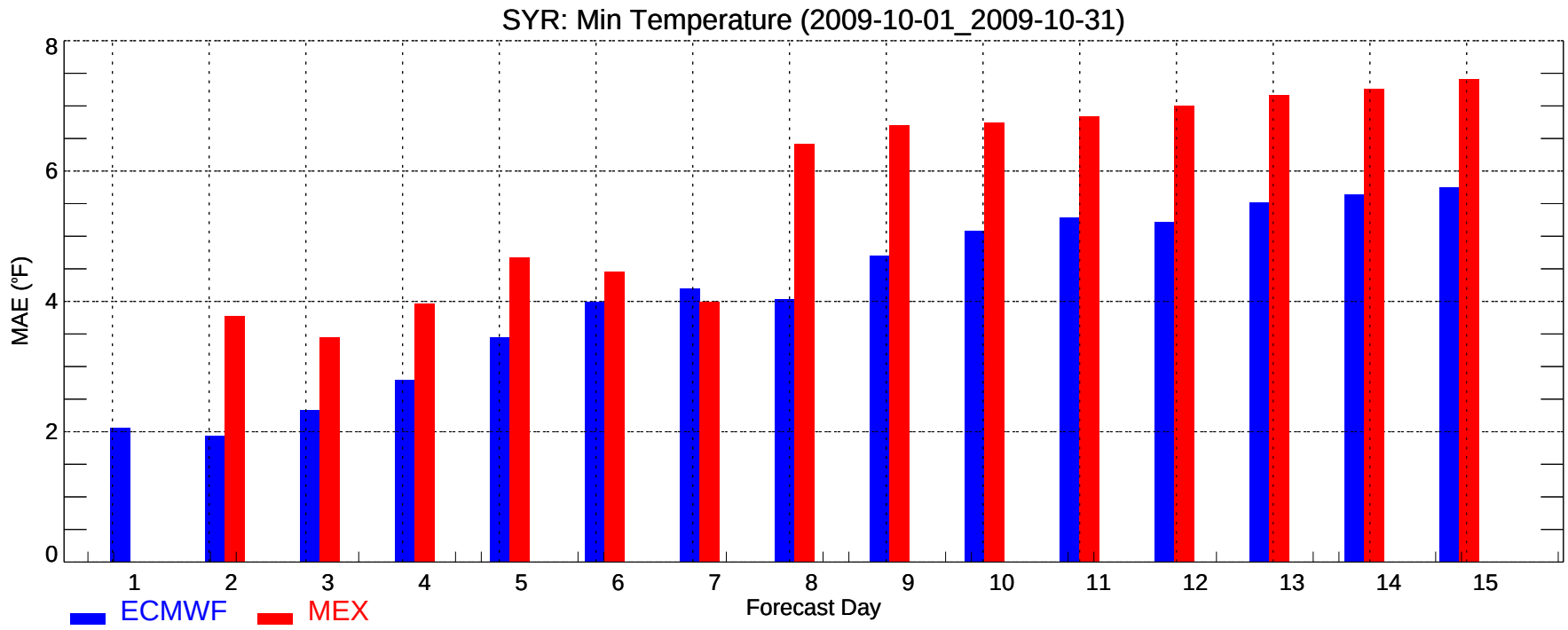
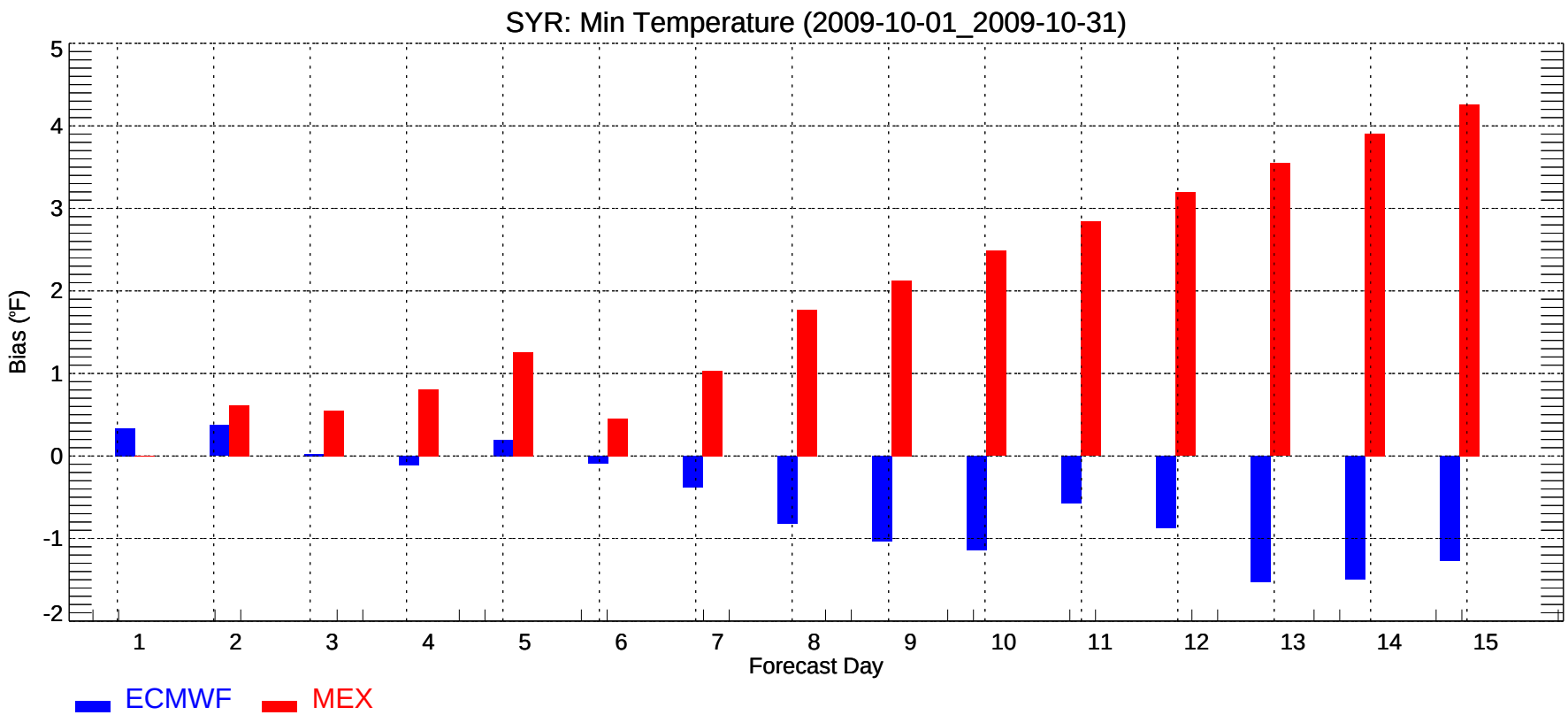
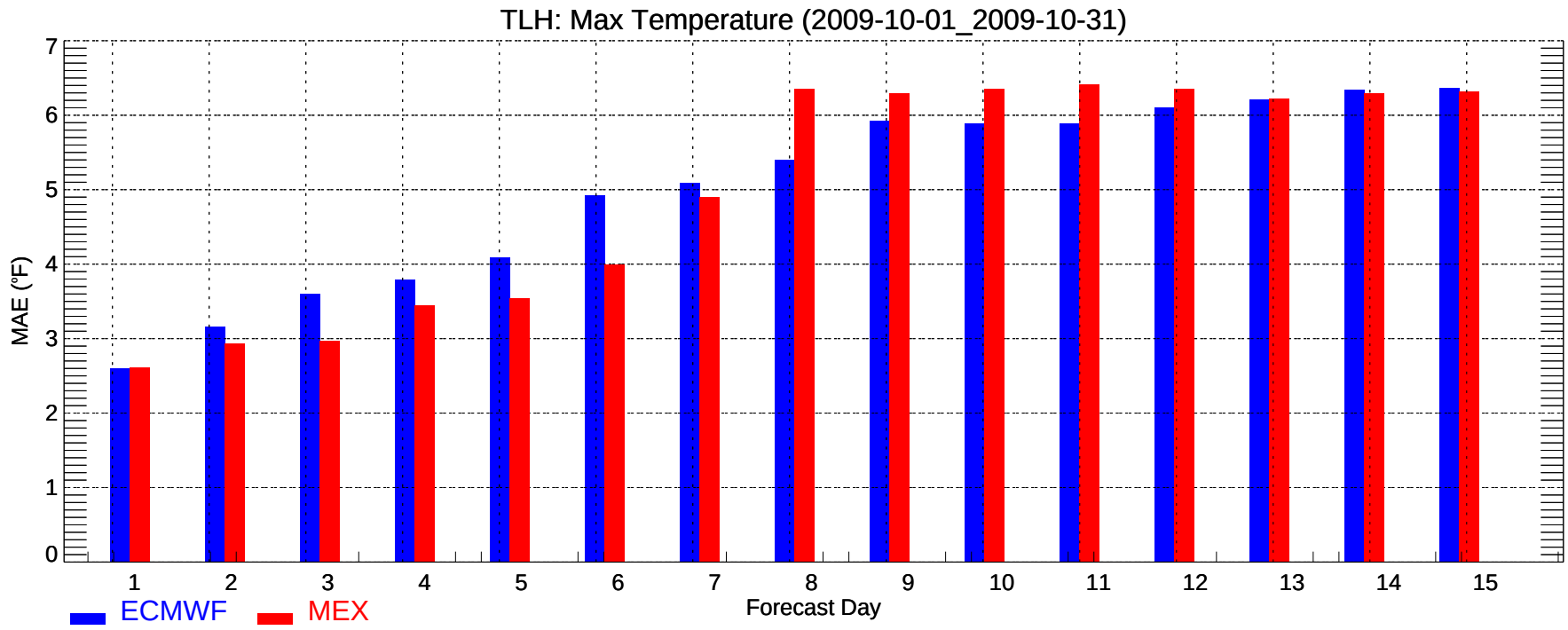
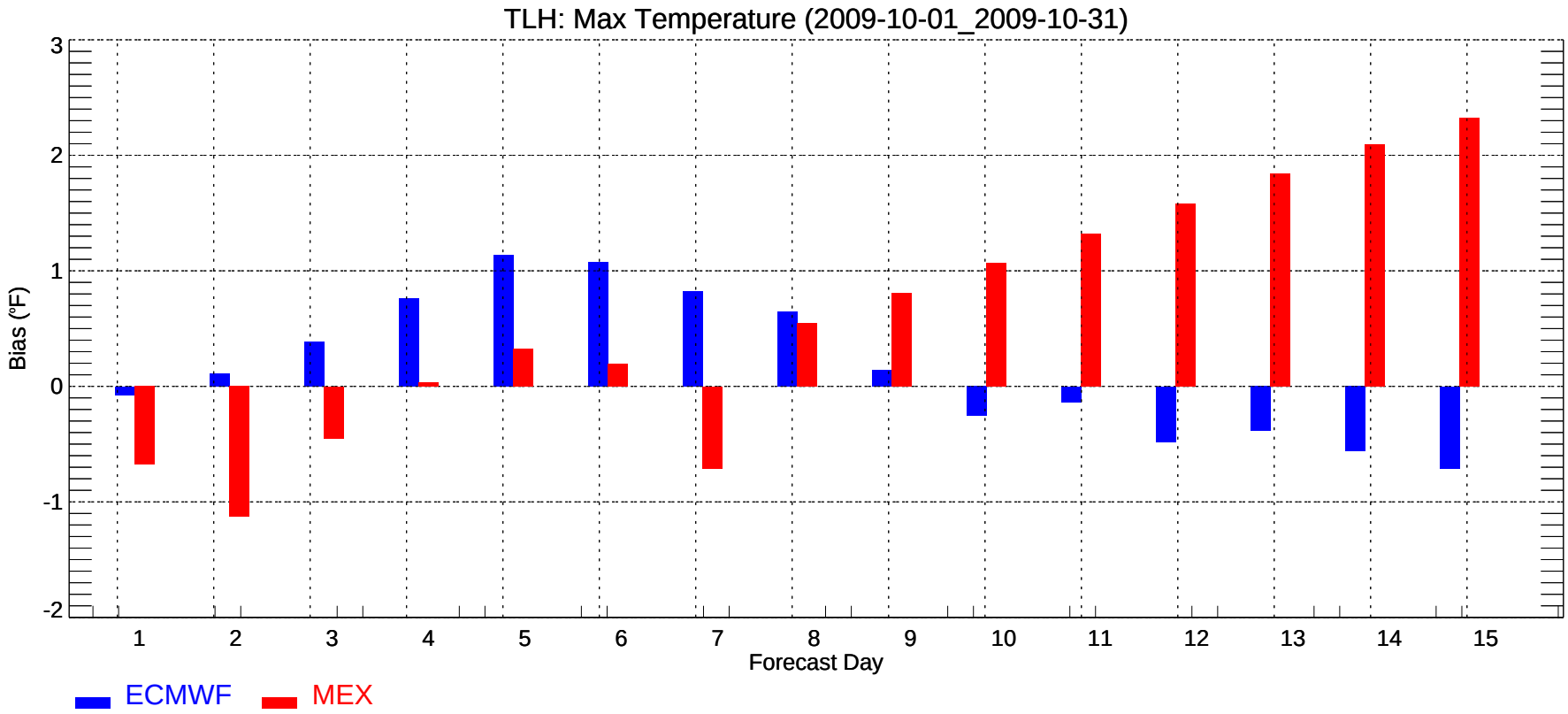
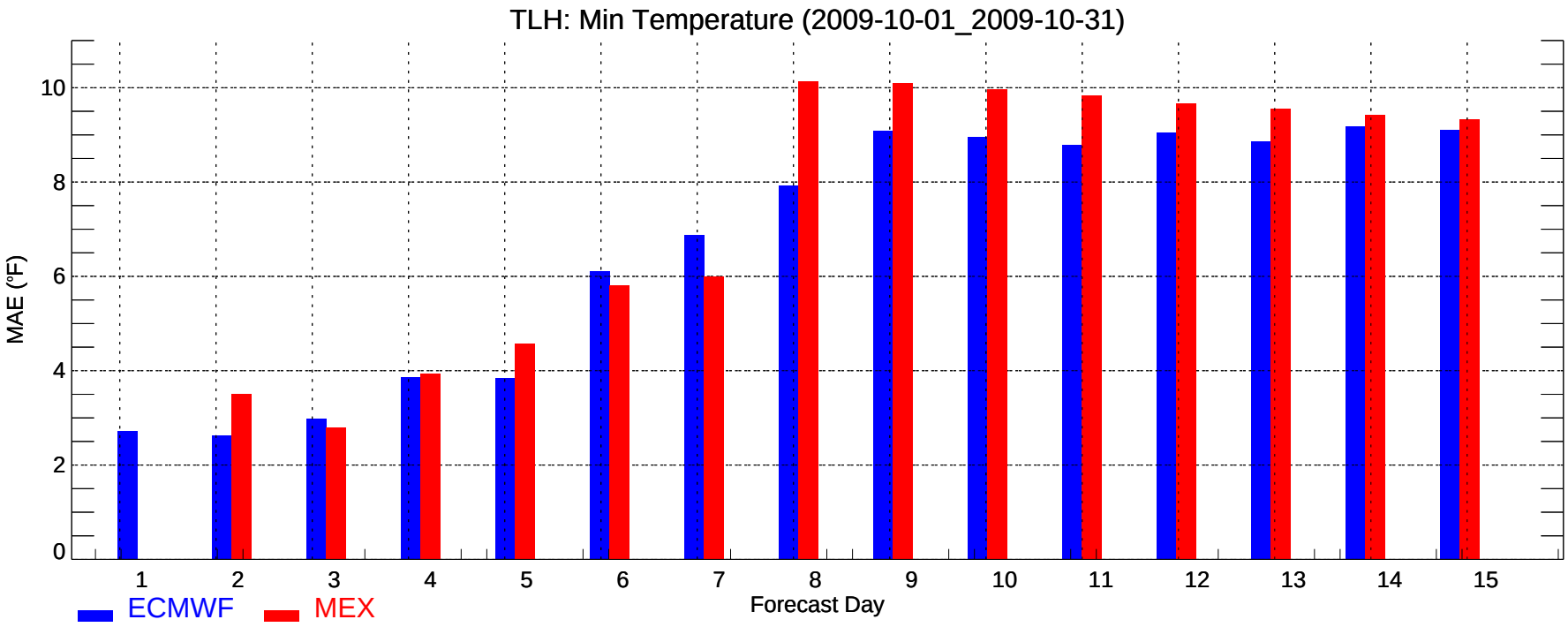
12
13
14
15
Forecast Day
ECMWF
MEX

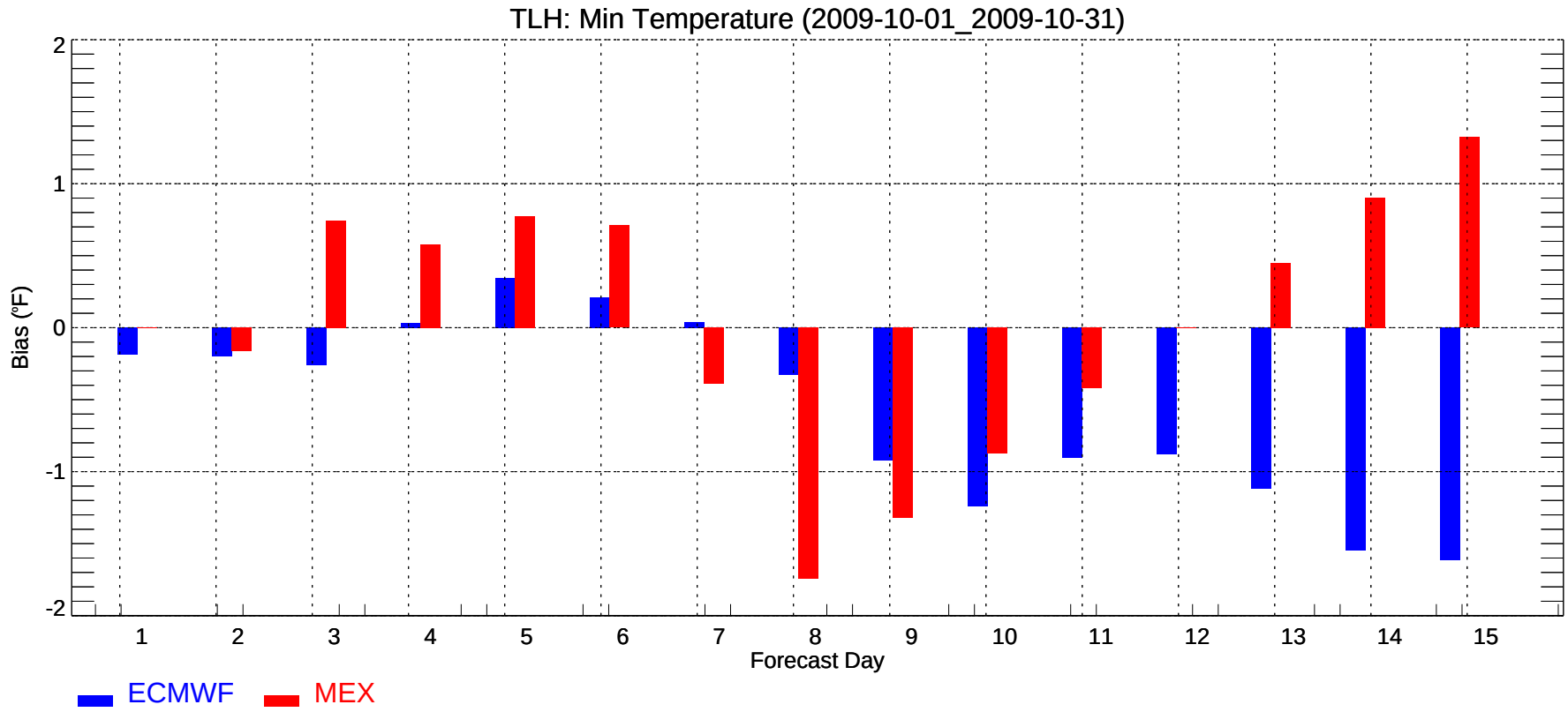

SYR: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

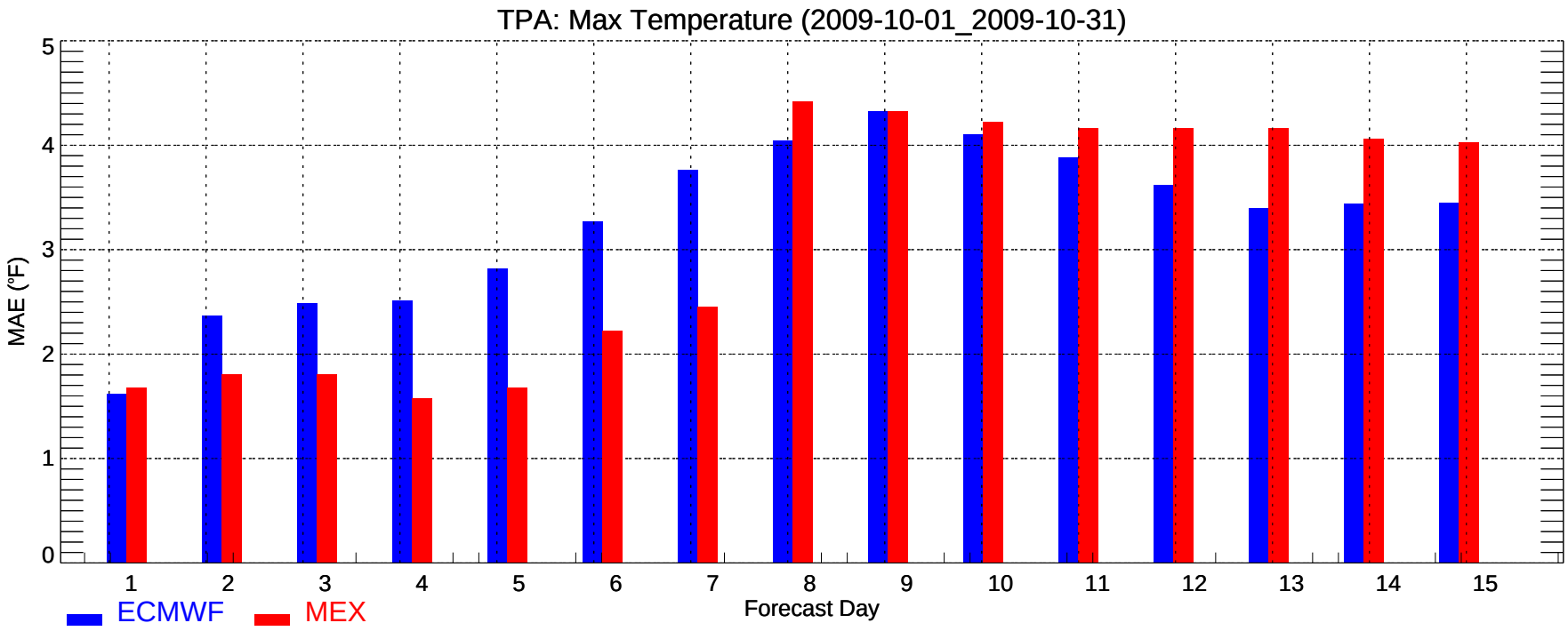

SYR: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

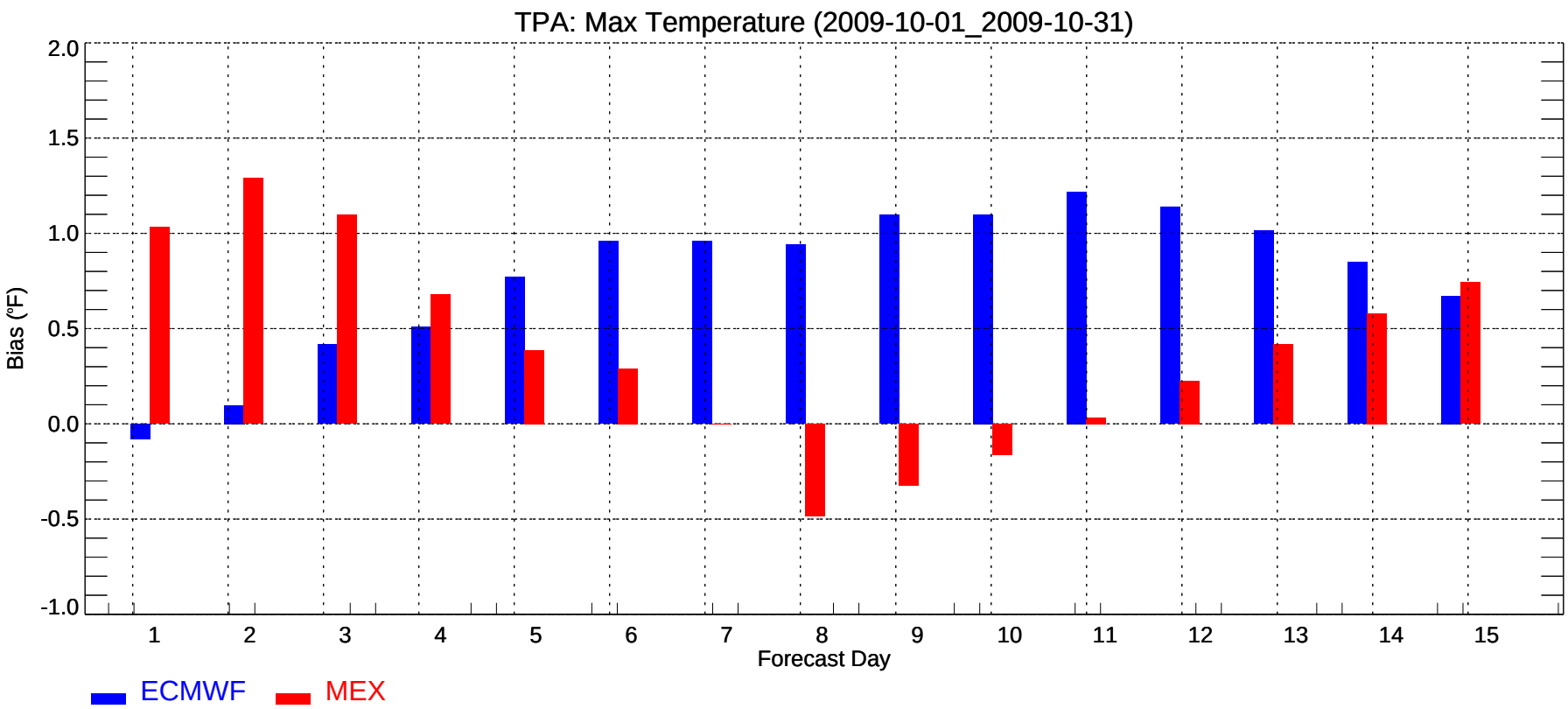

TLH: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

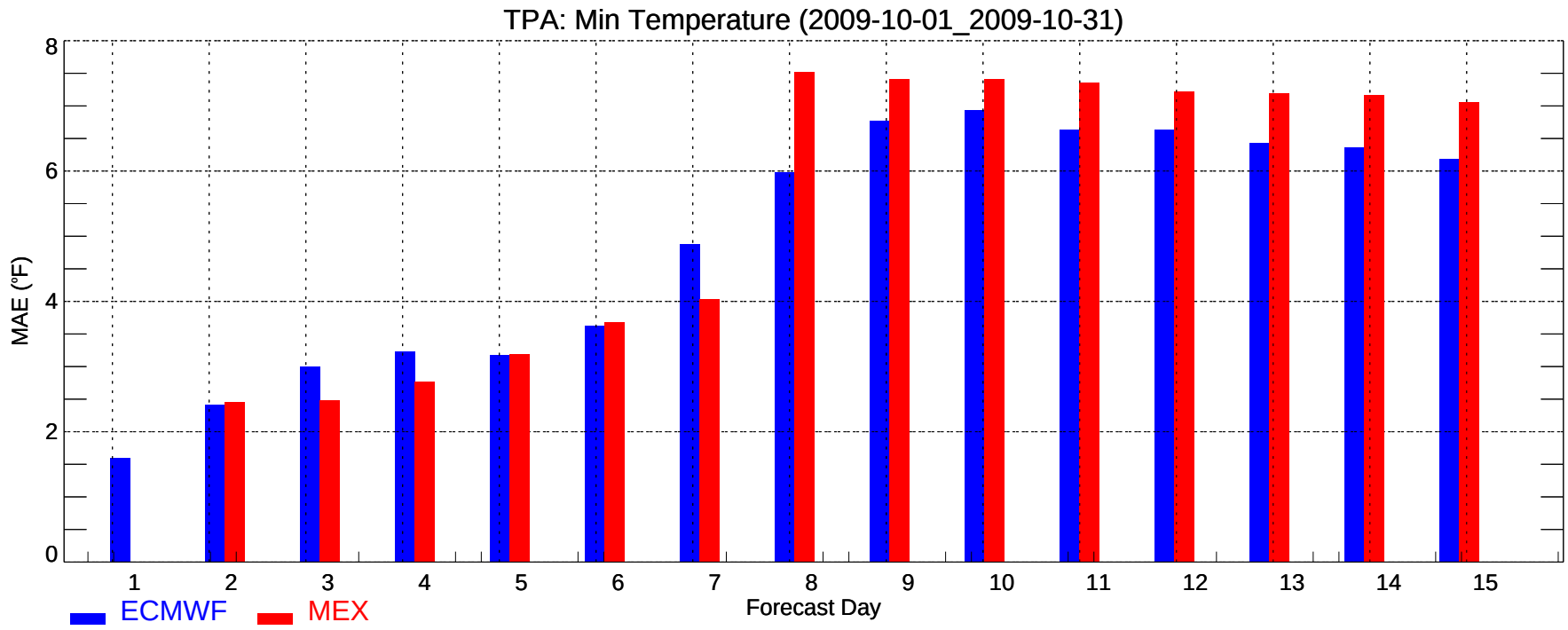

TLH: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

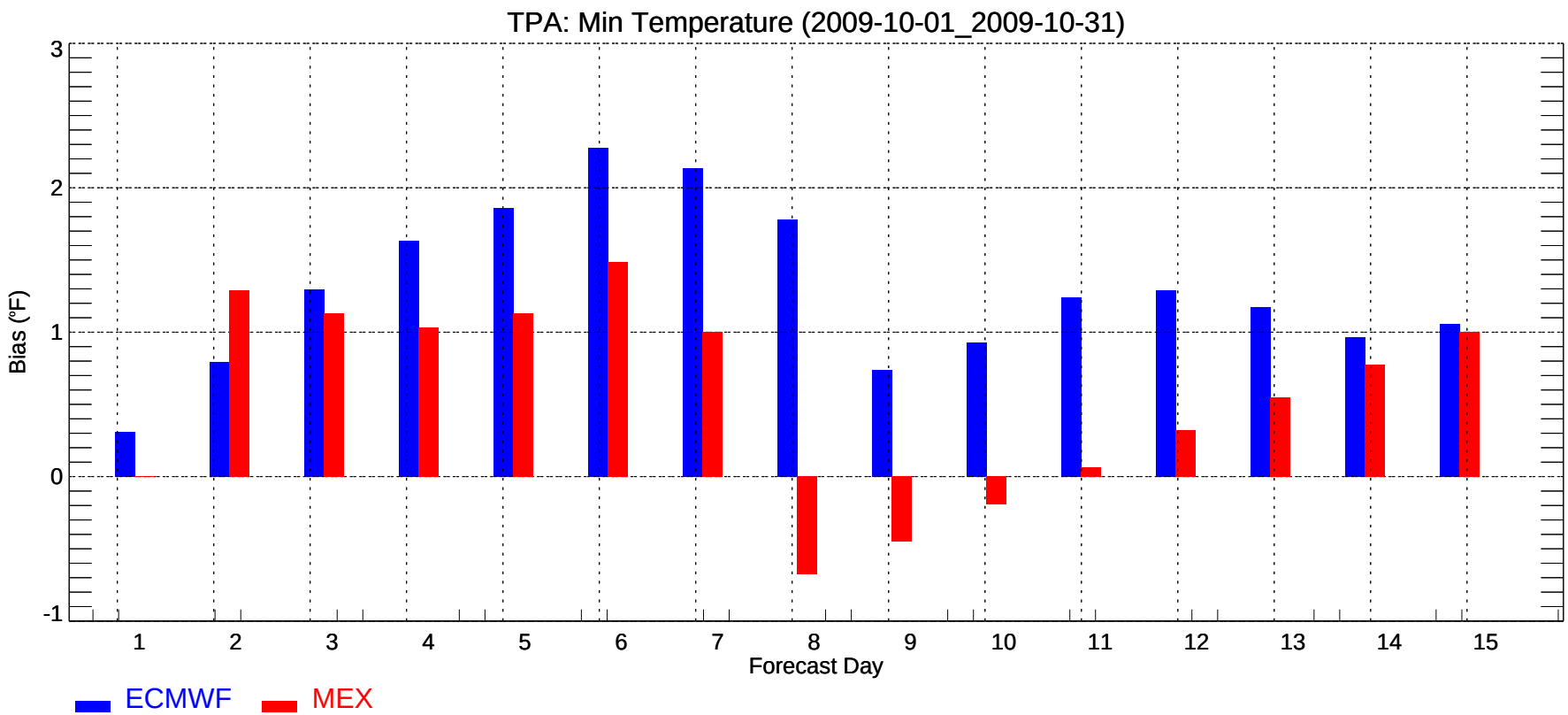

TLH: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

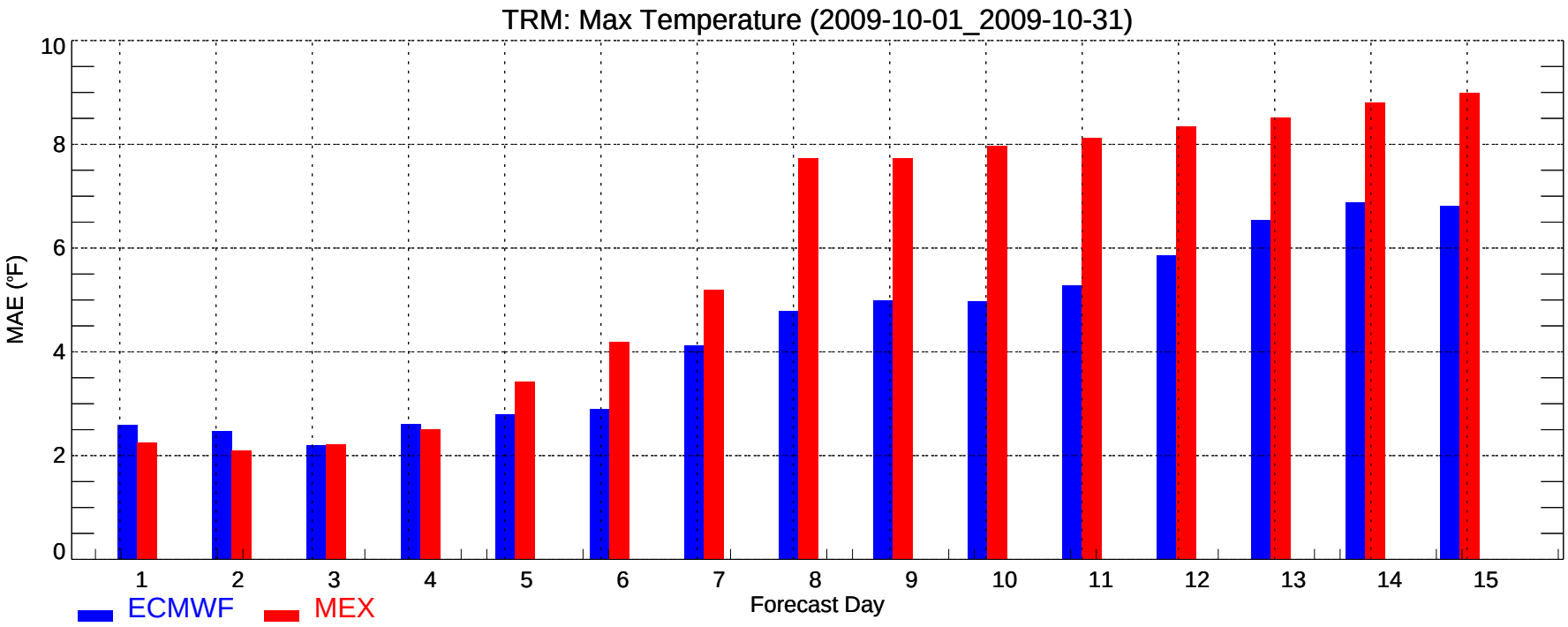

TLH: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

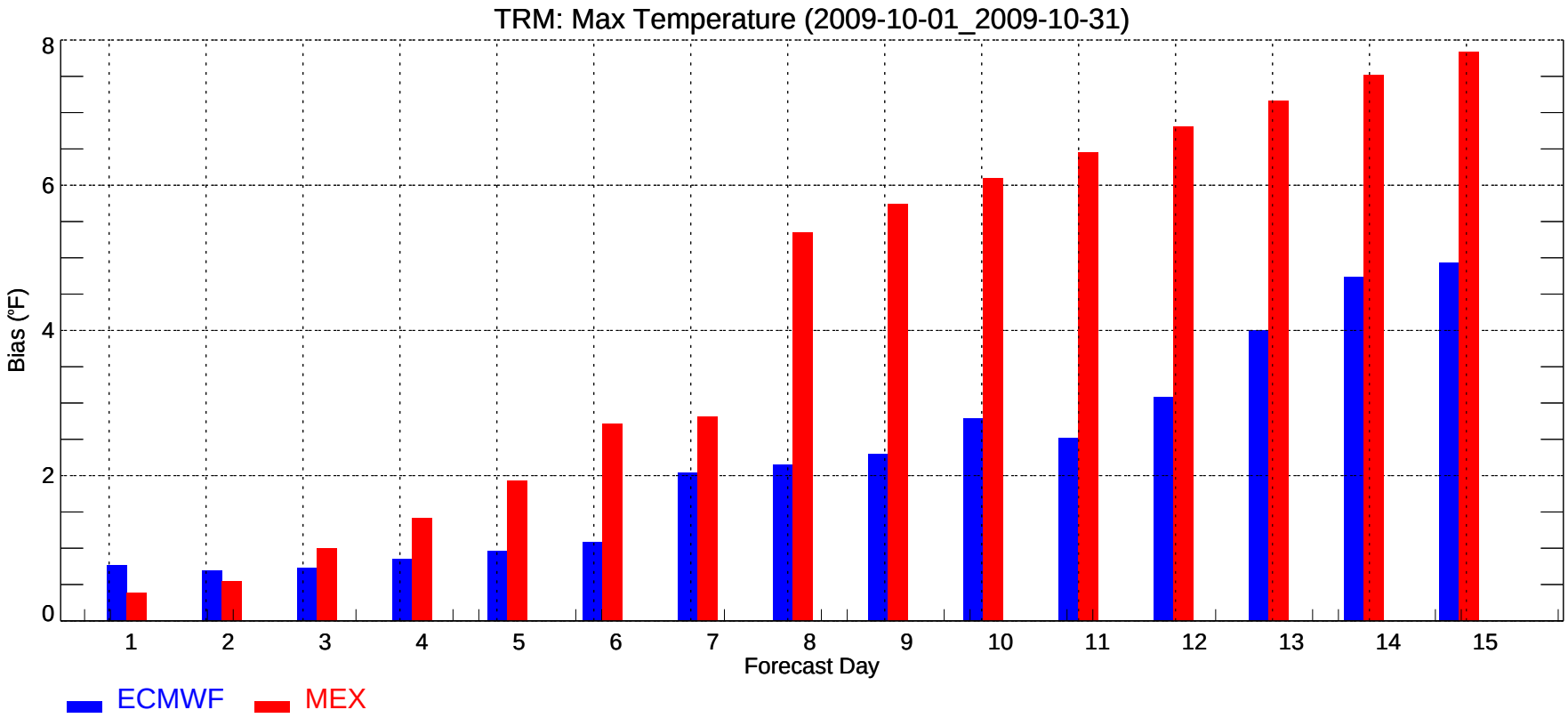

TPA: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

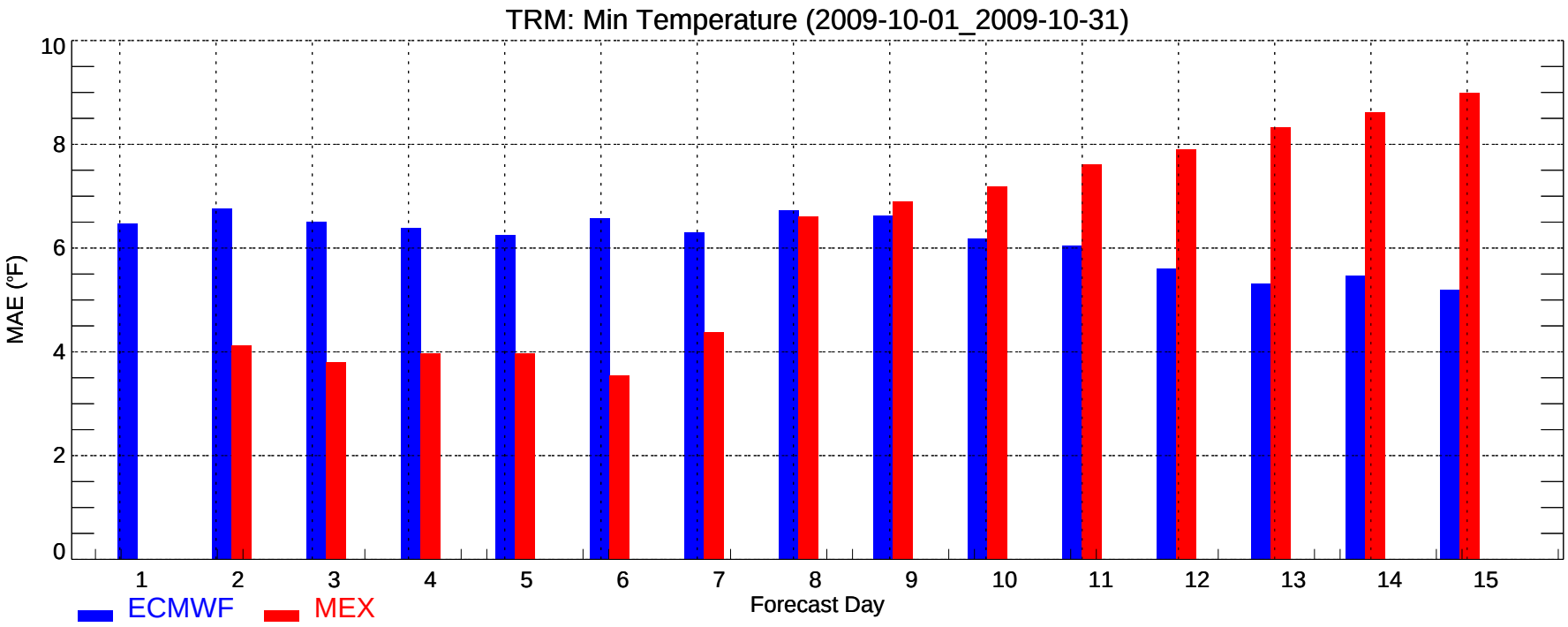

TPA: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

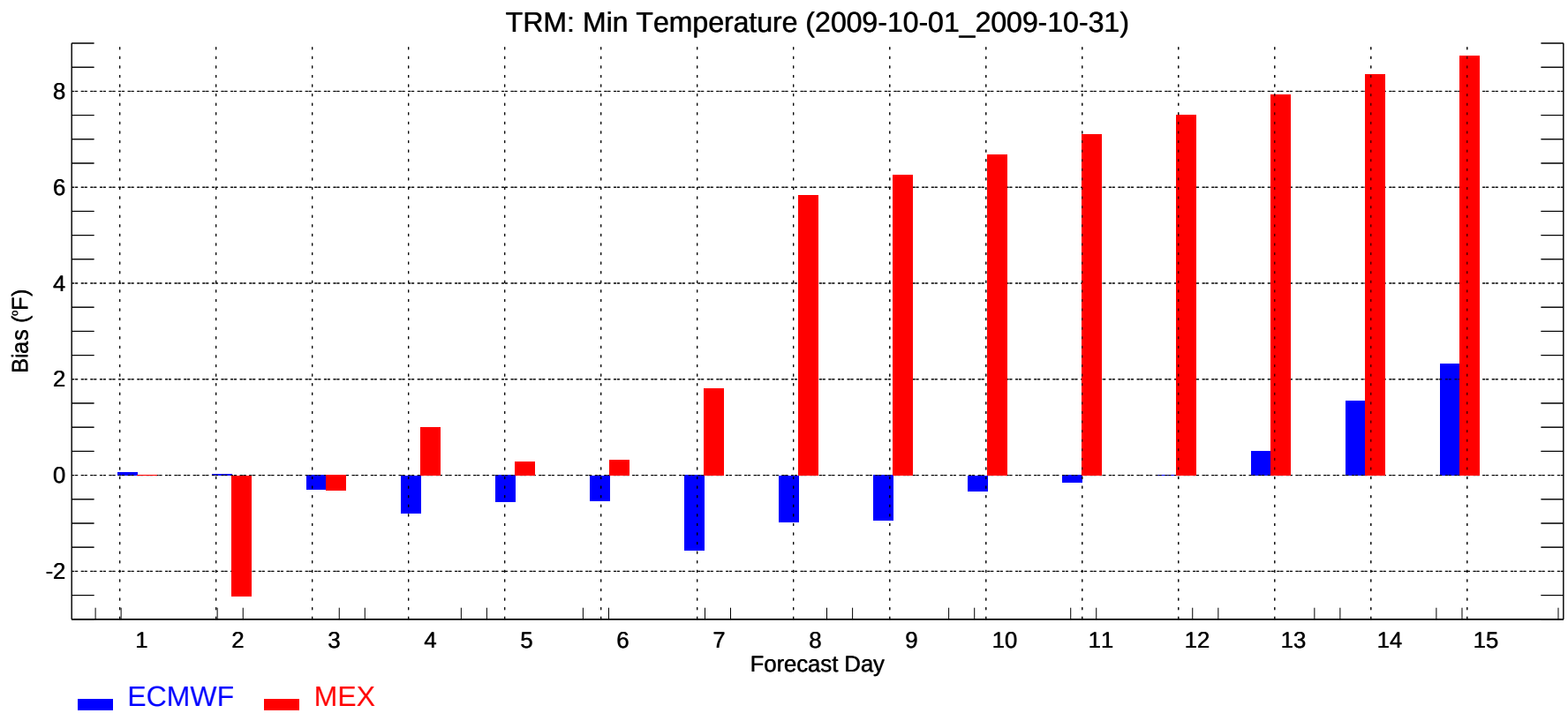

TPA: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

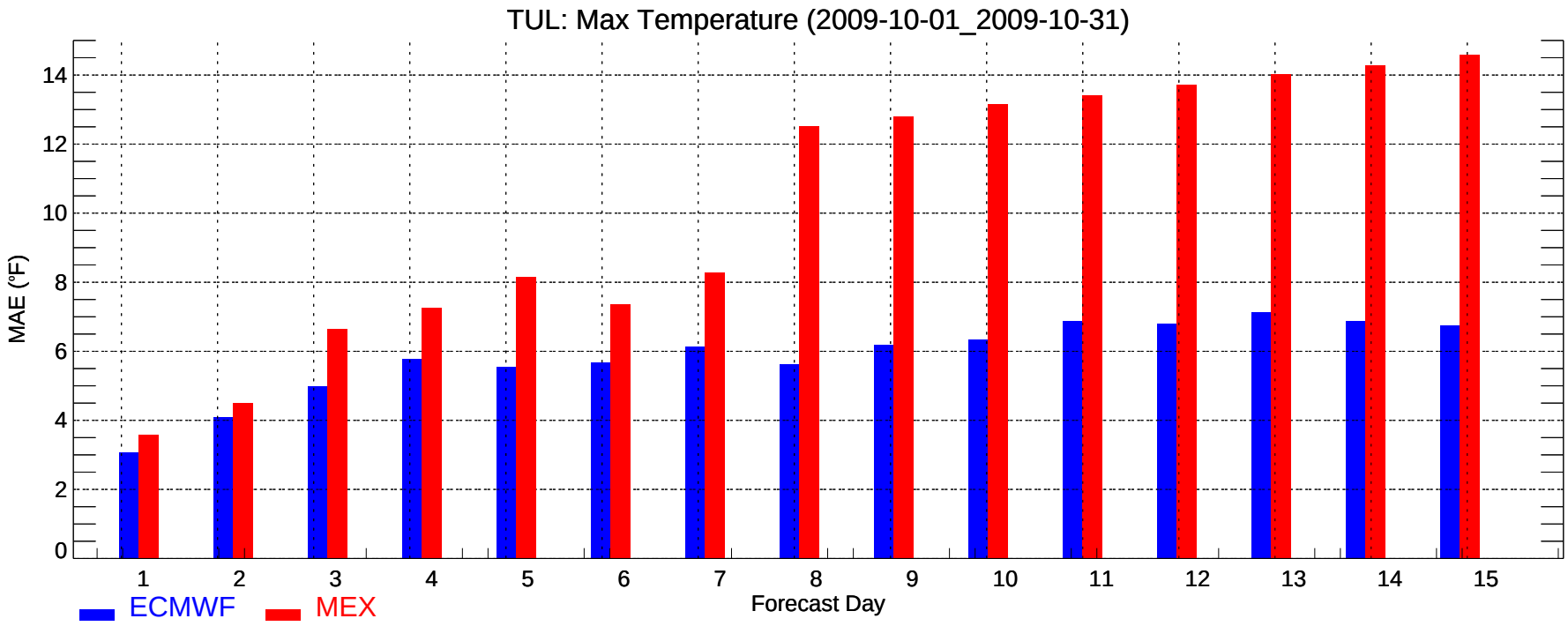

TPA: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

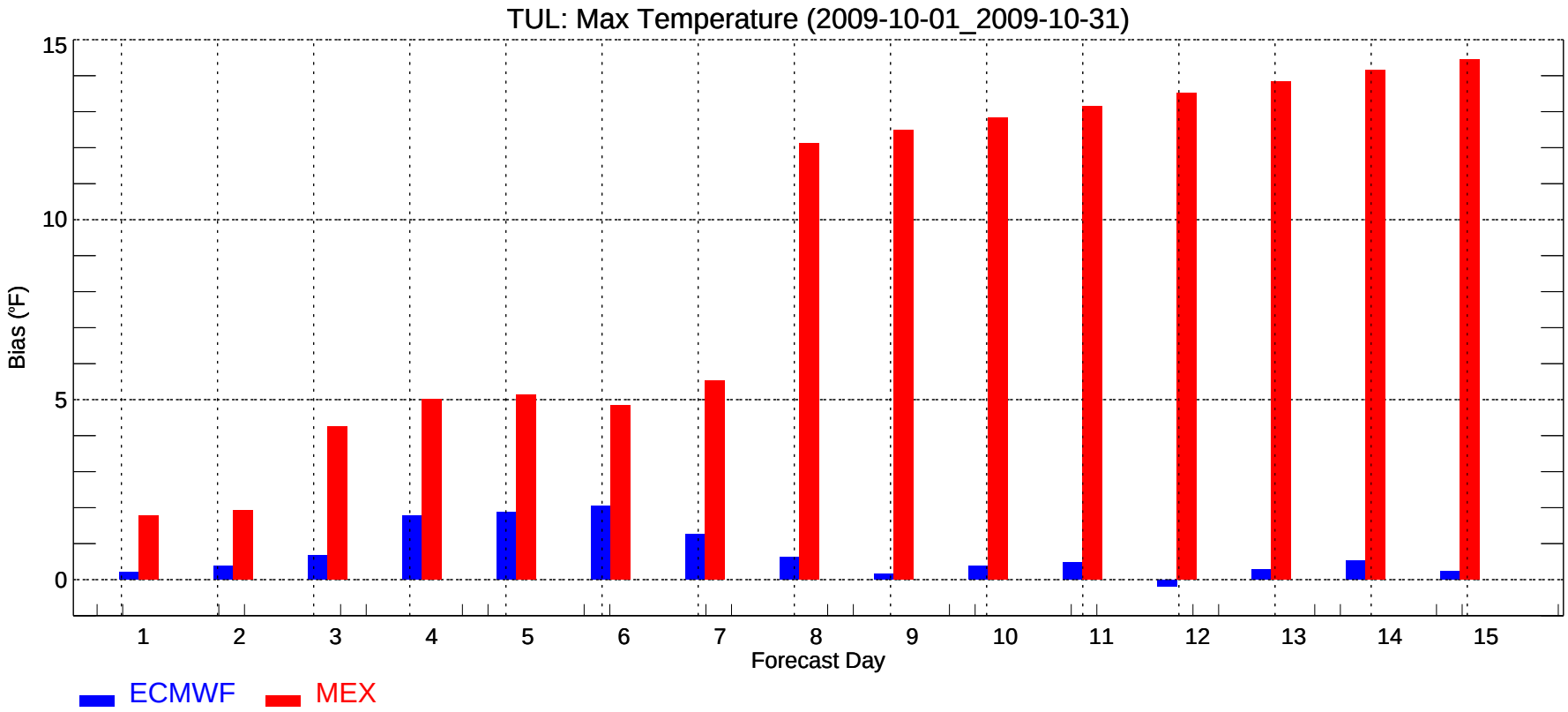

TRM: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

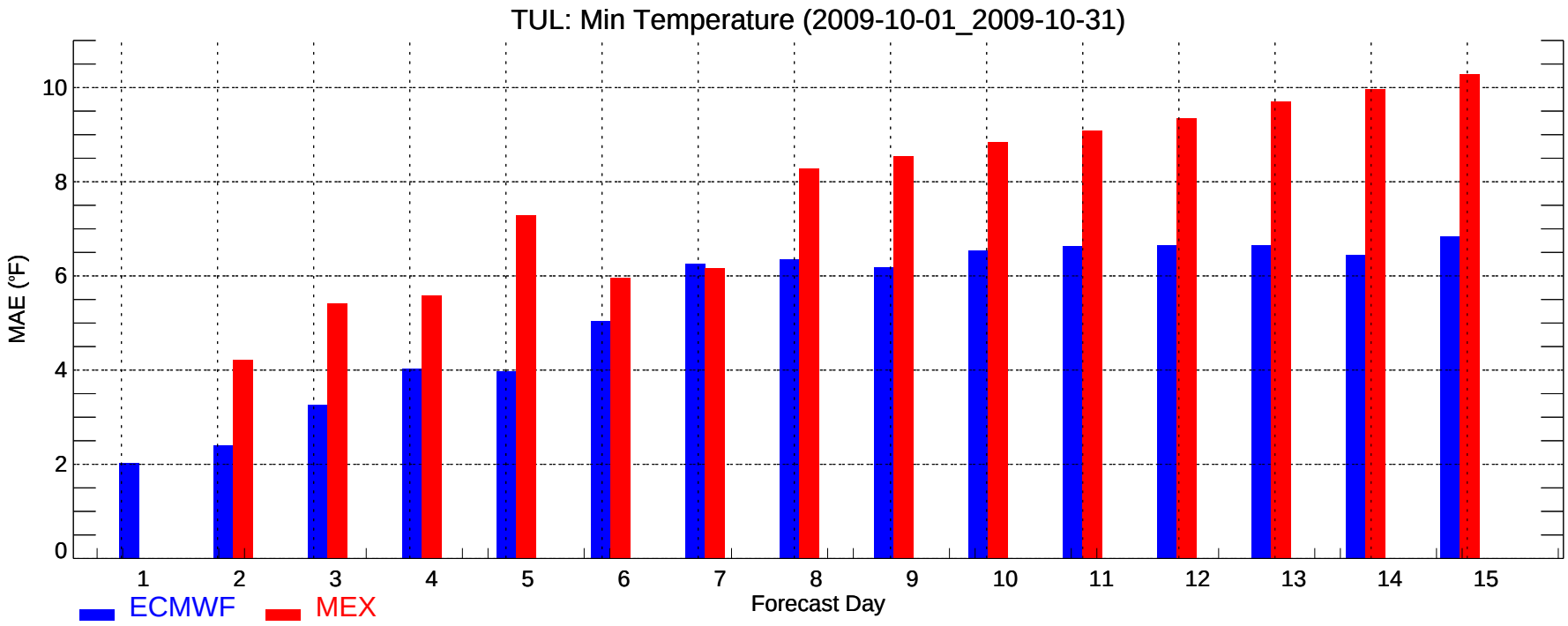

TRM: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

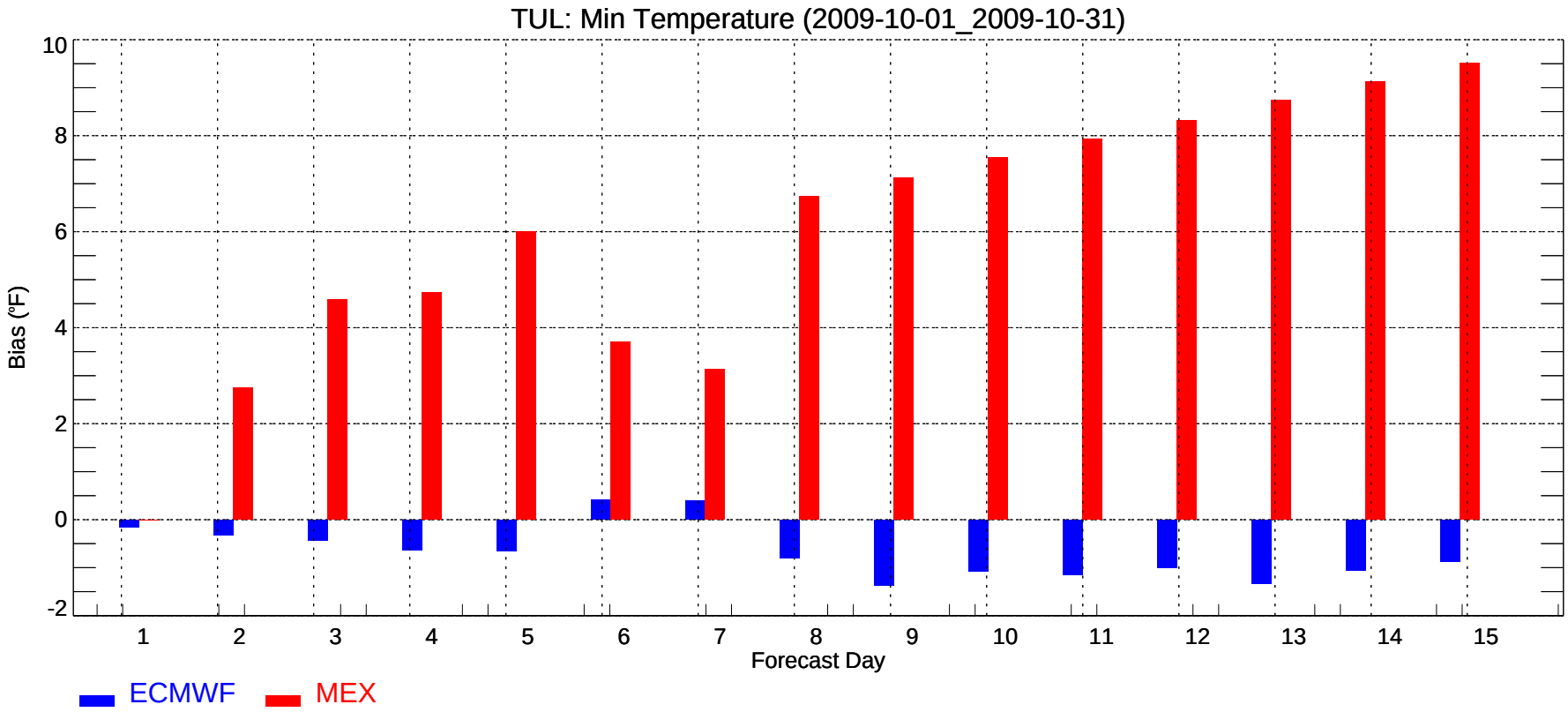

TRM: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

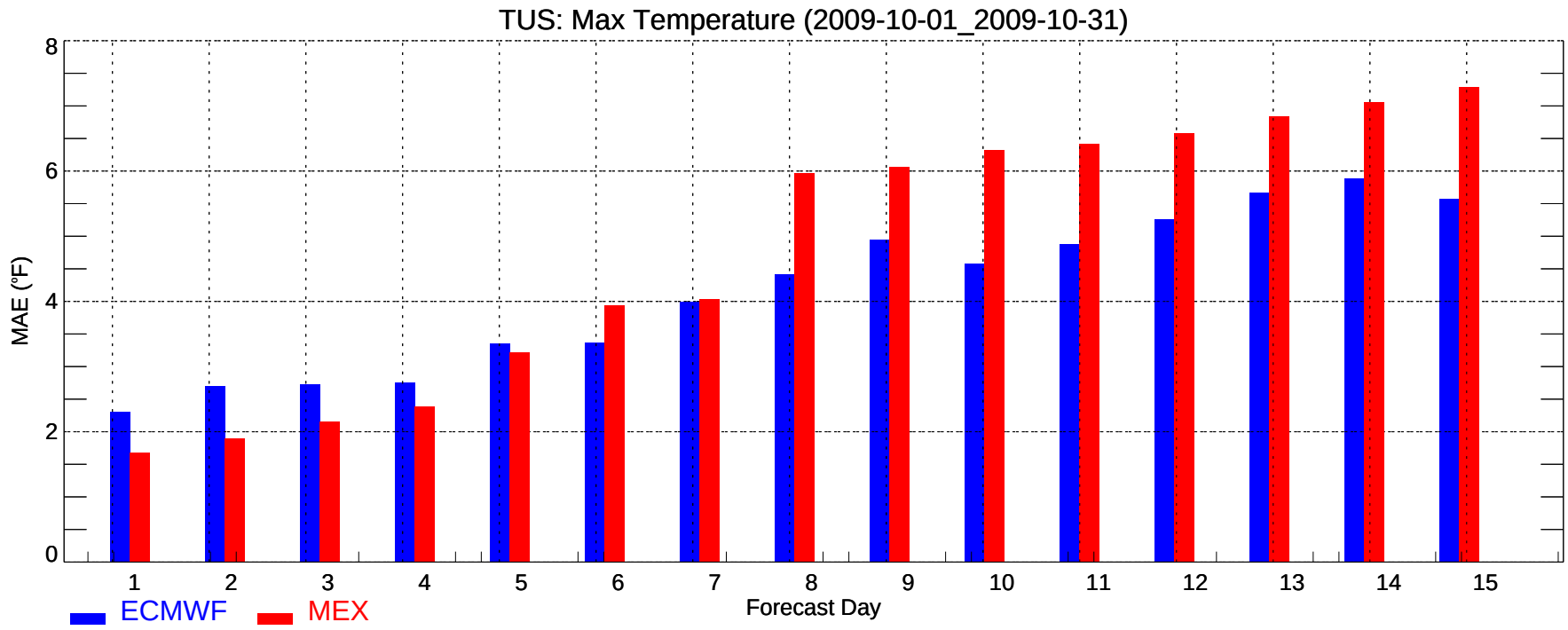

TRM: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

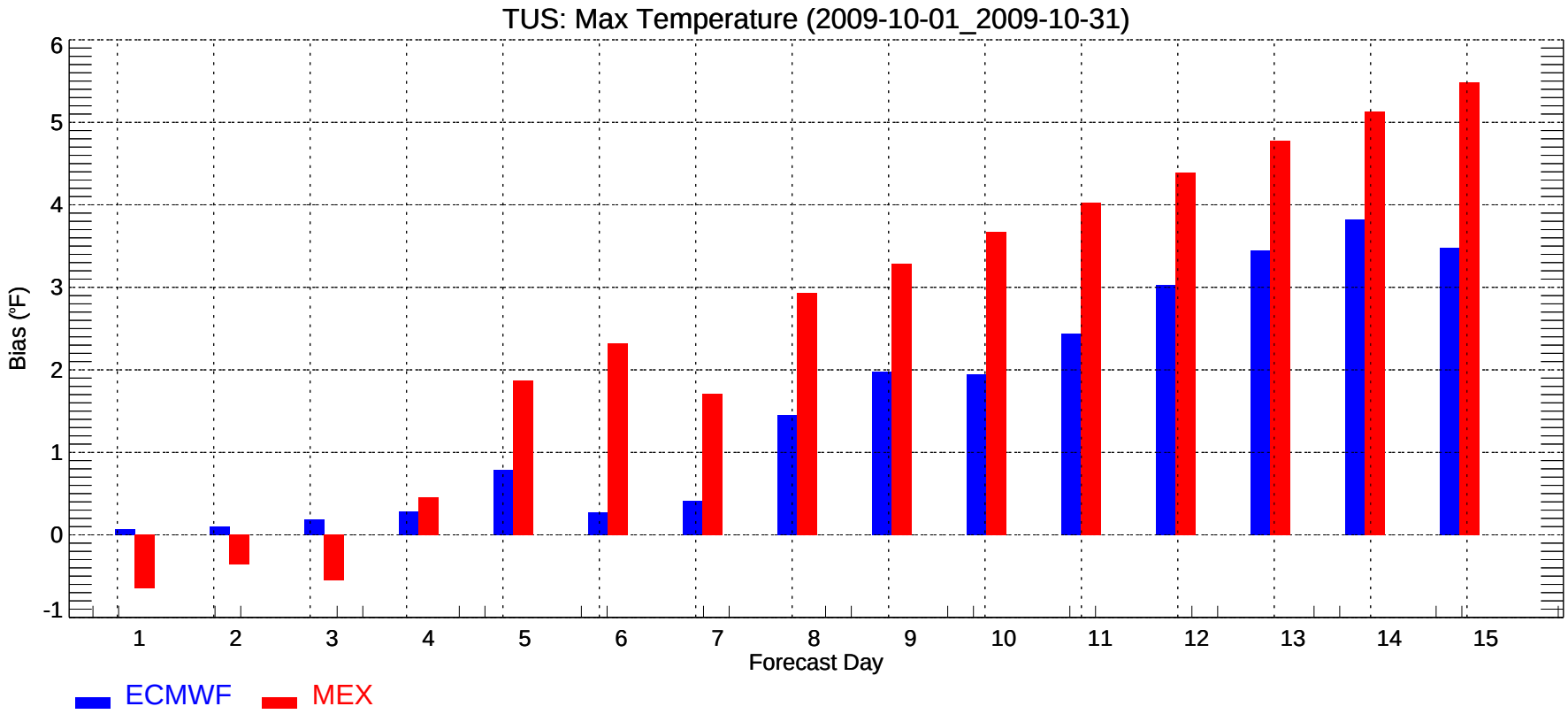

TUL: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

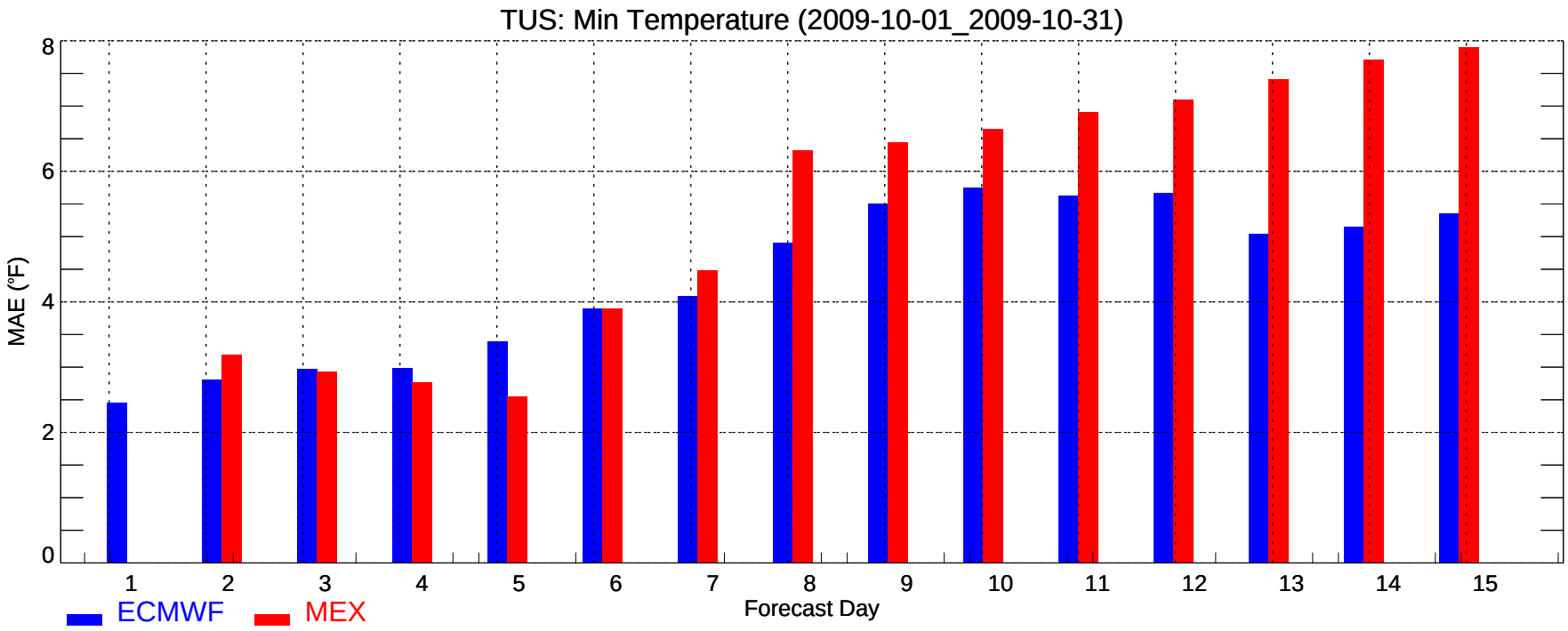

TUL: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

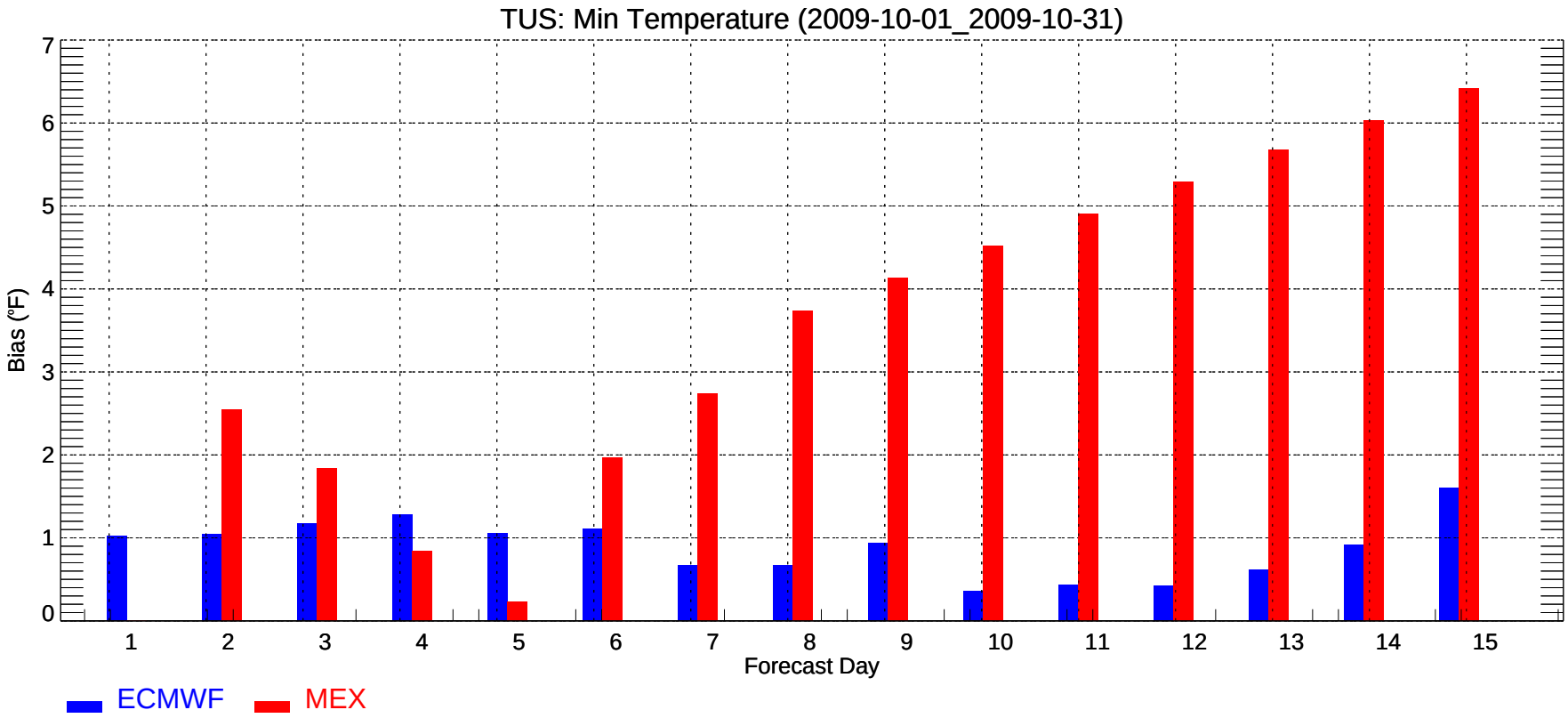

TUL: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUL: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUS: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUS: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUS: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUS: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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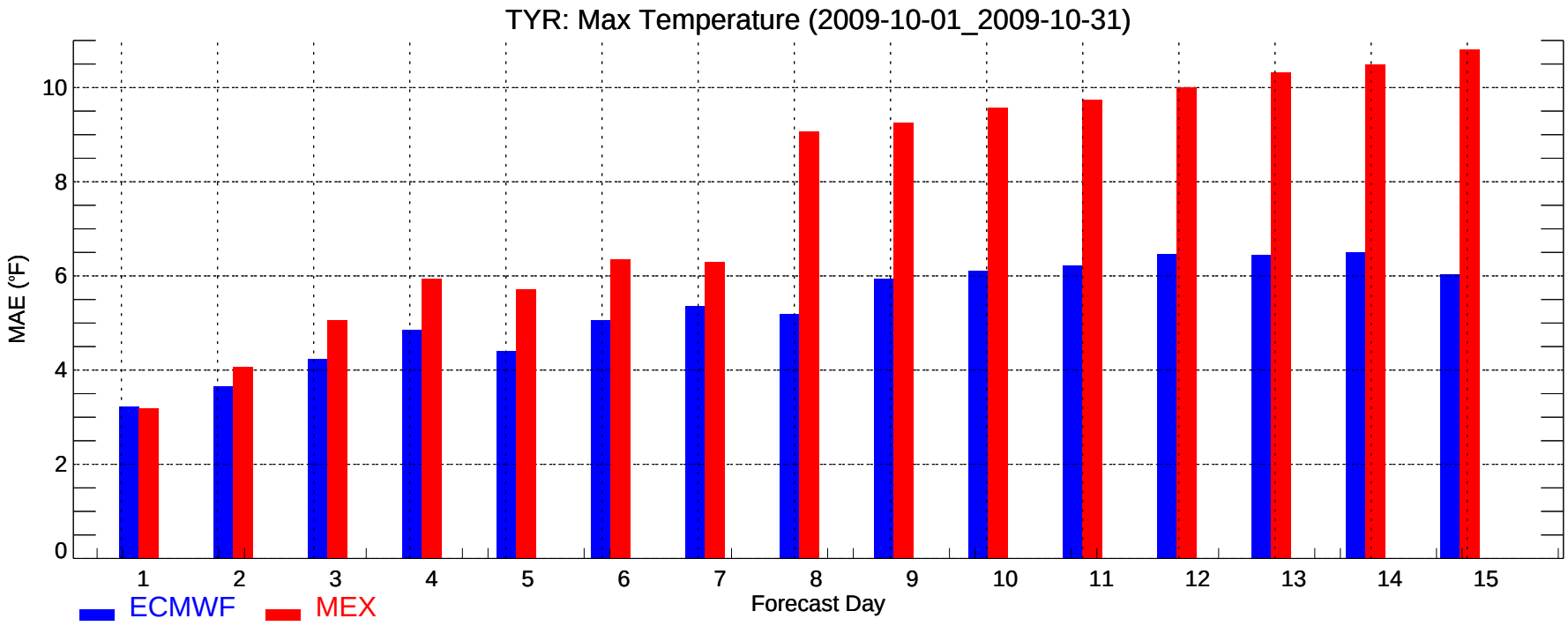
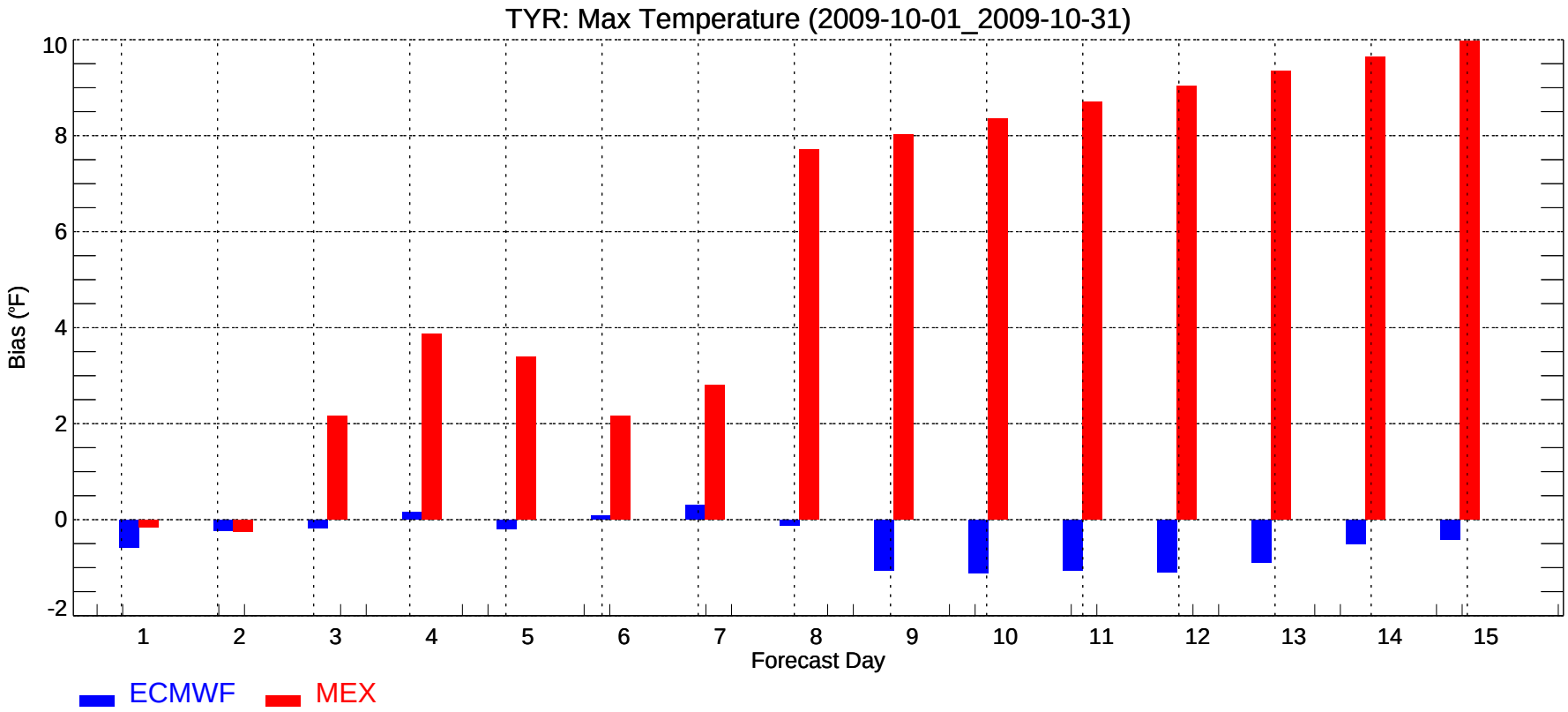
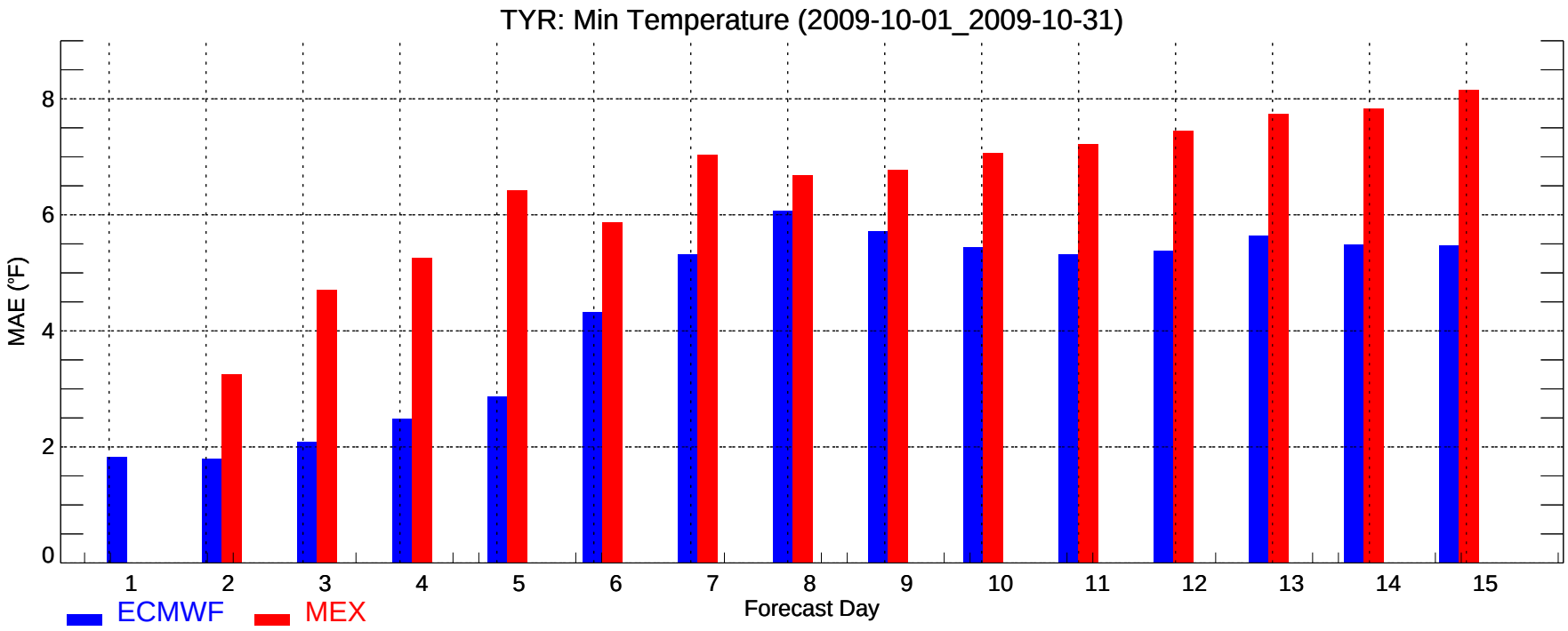
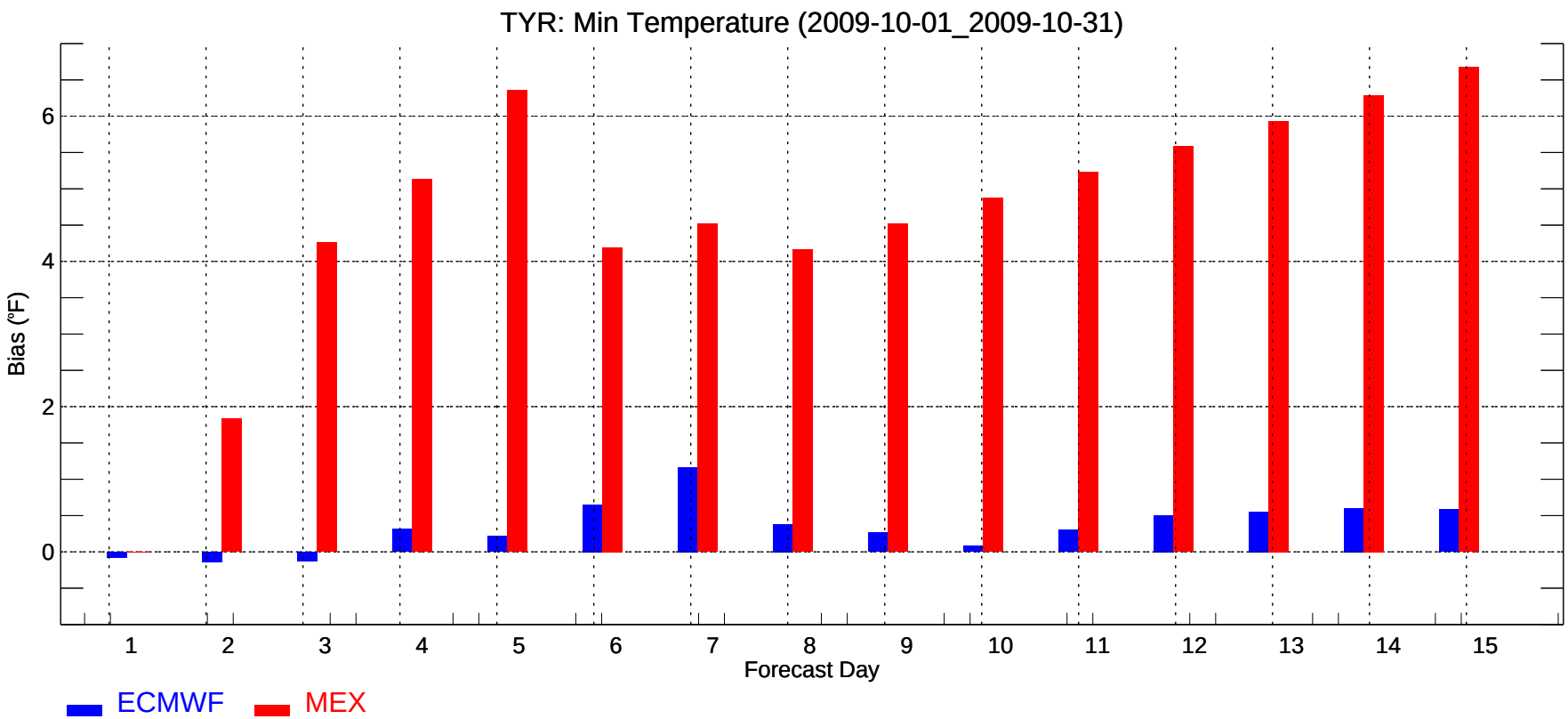
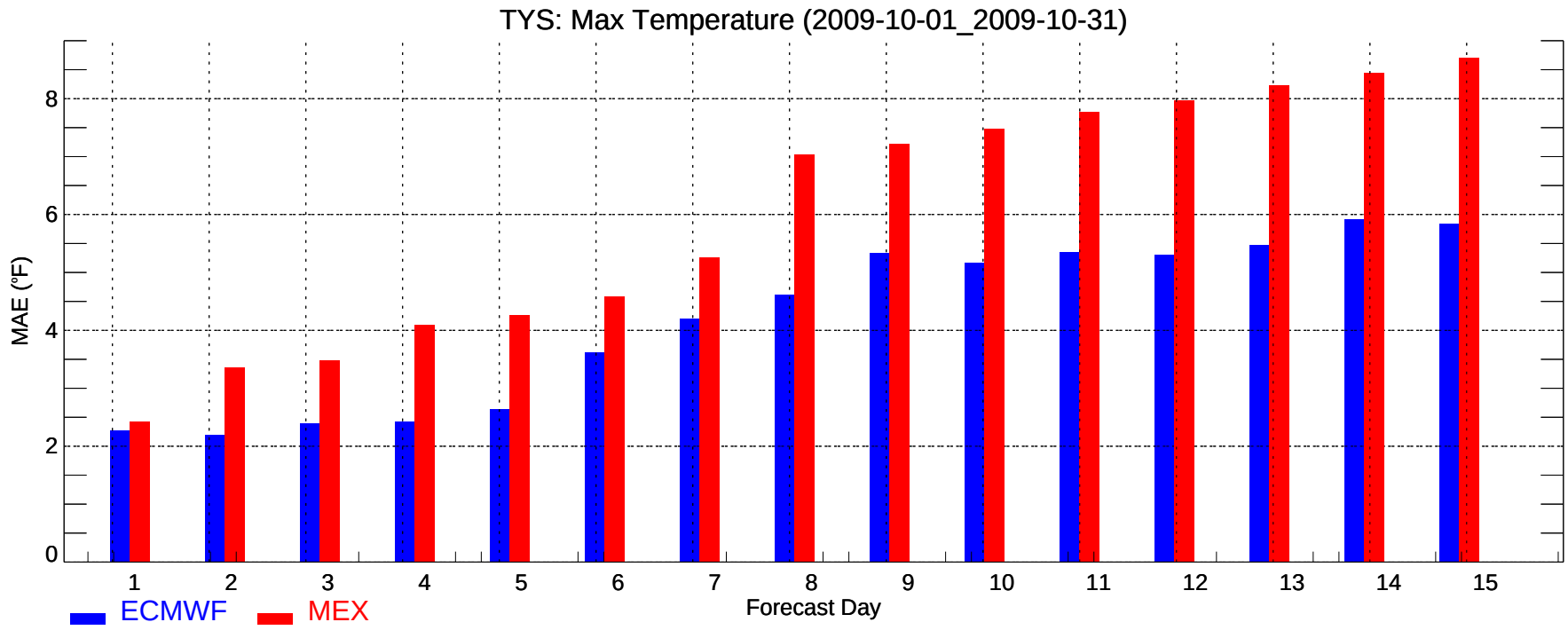
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

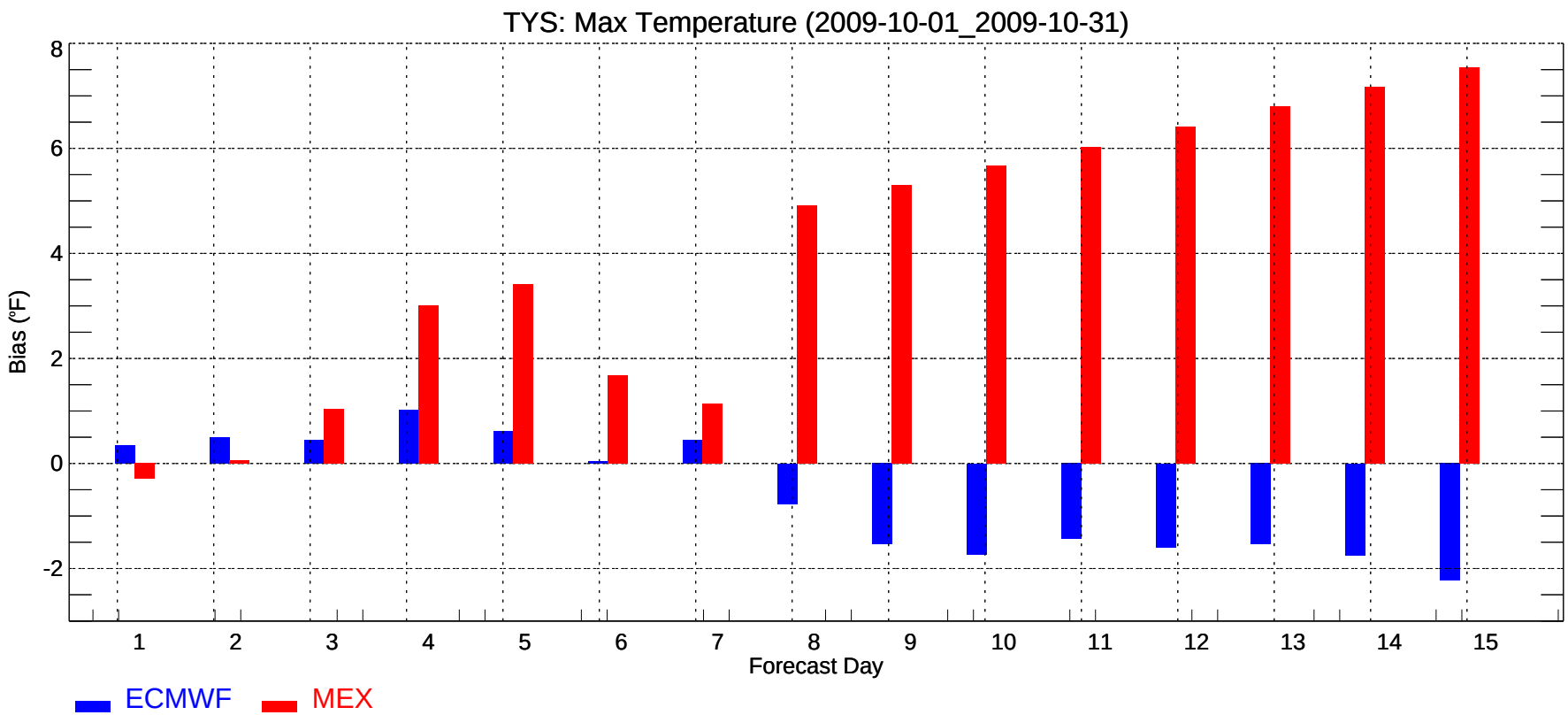

TYR: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

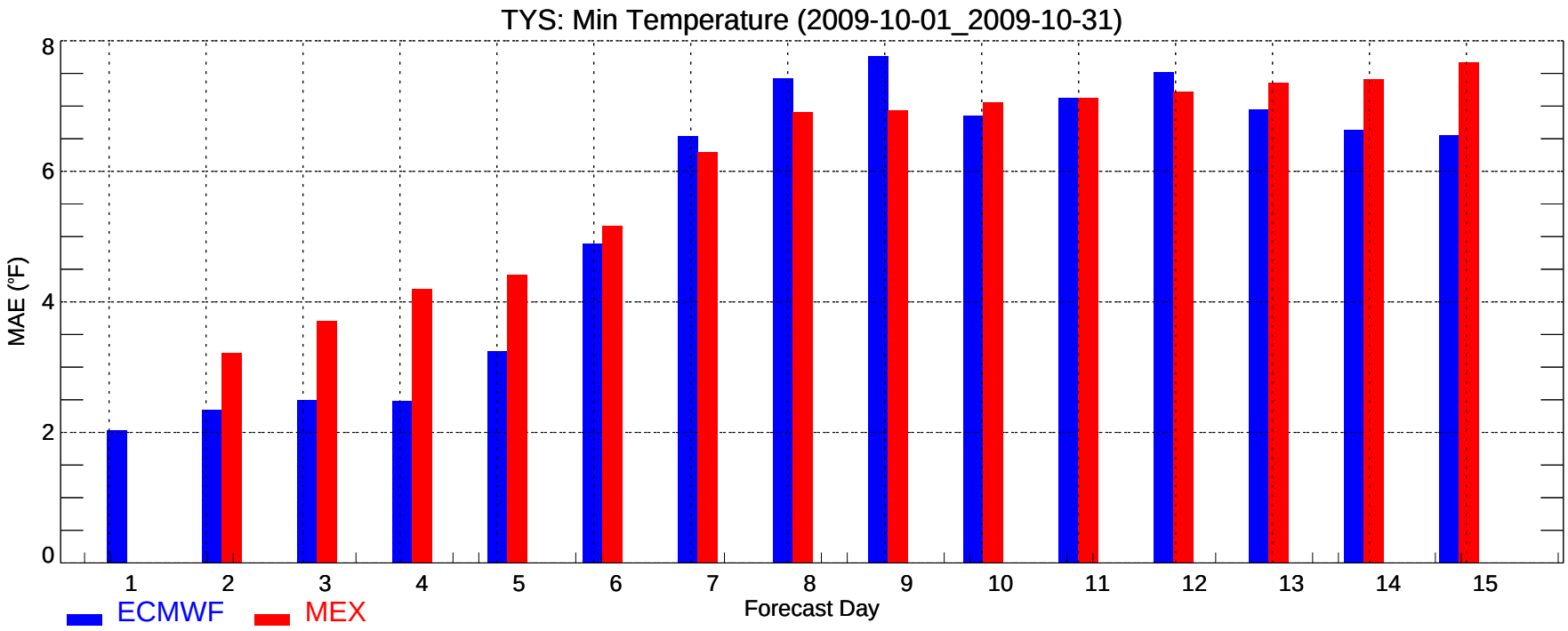

TYR: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

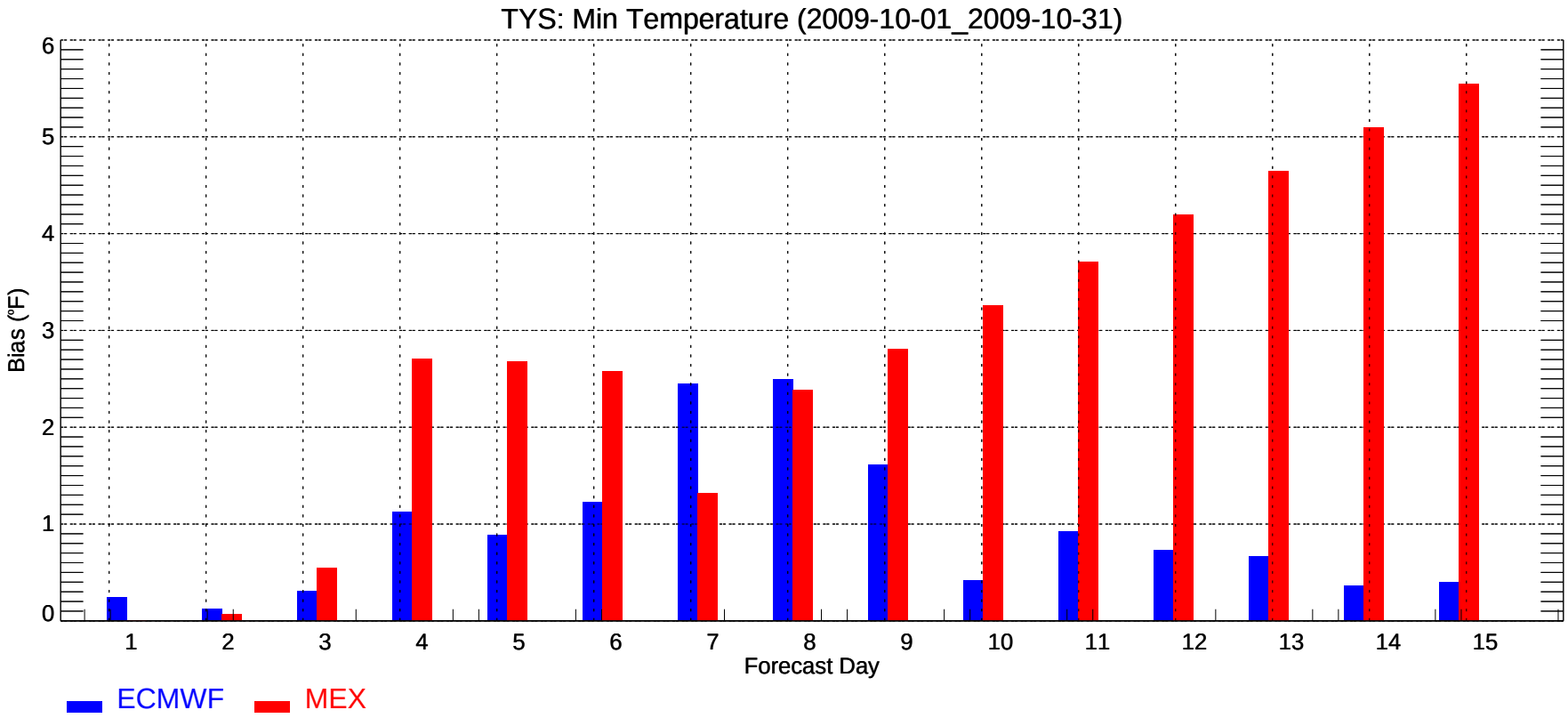

TYR: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

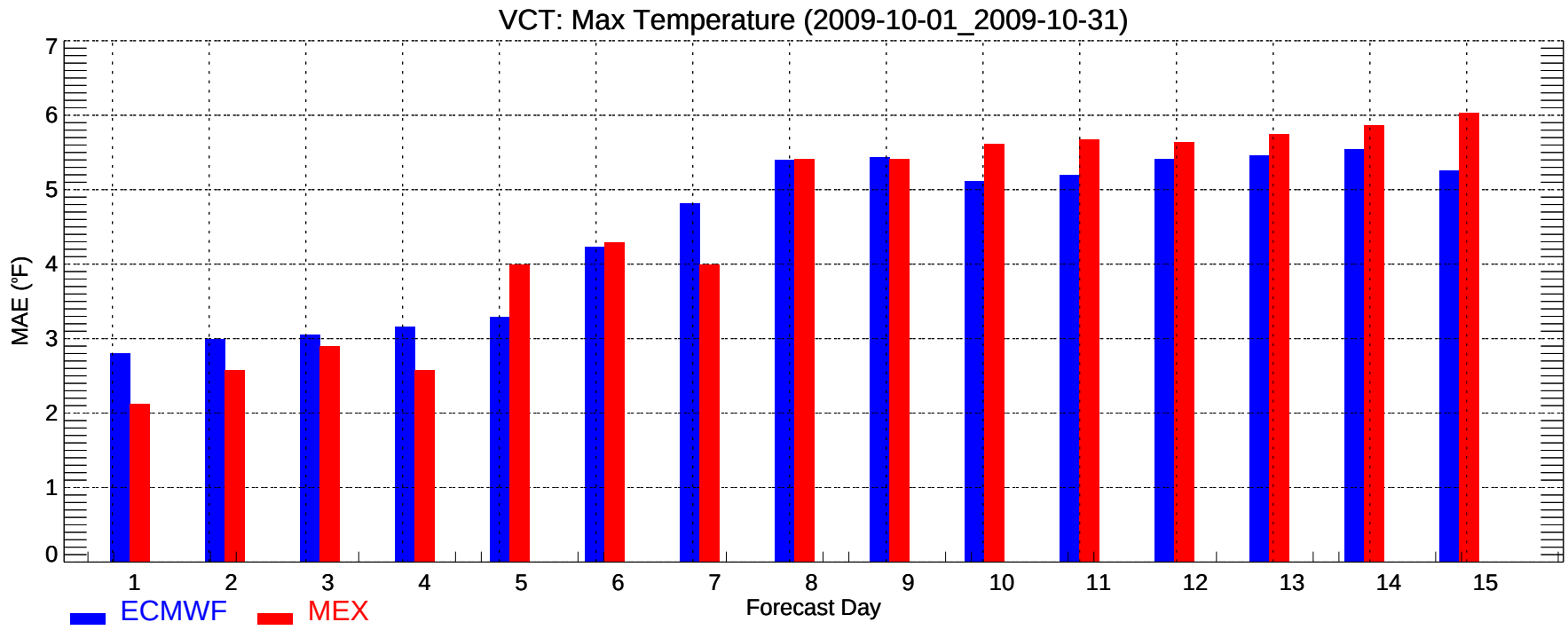

TYR: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

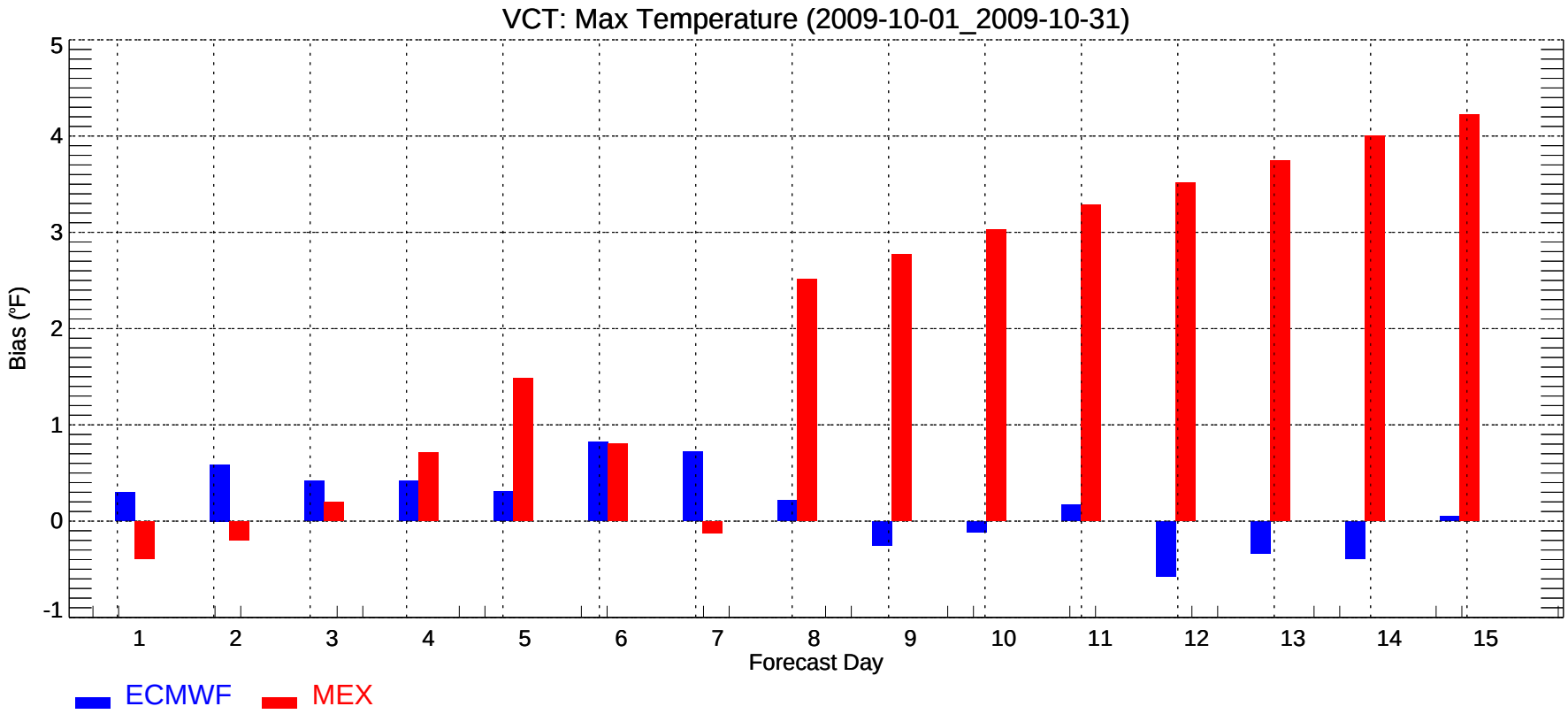

TYS: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

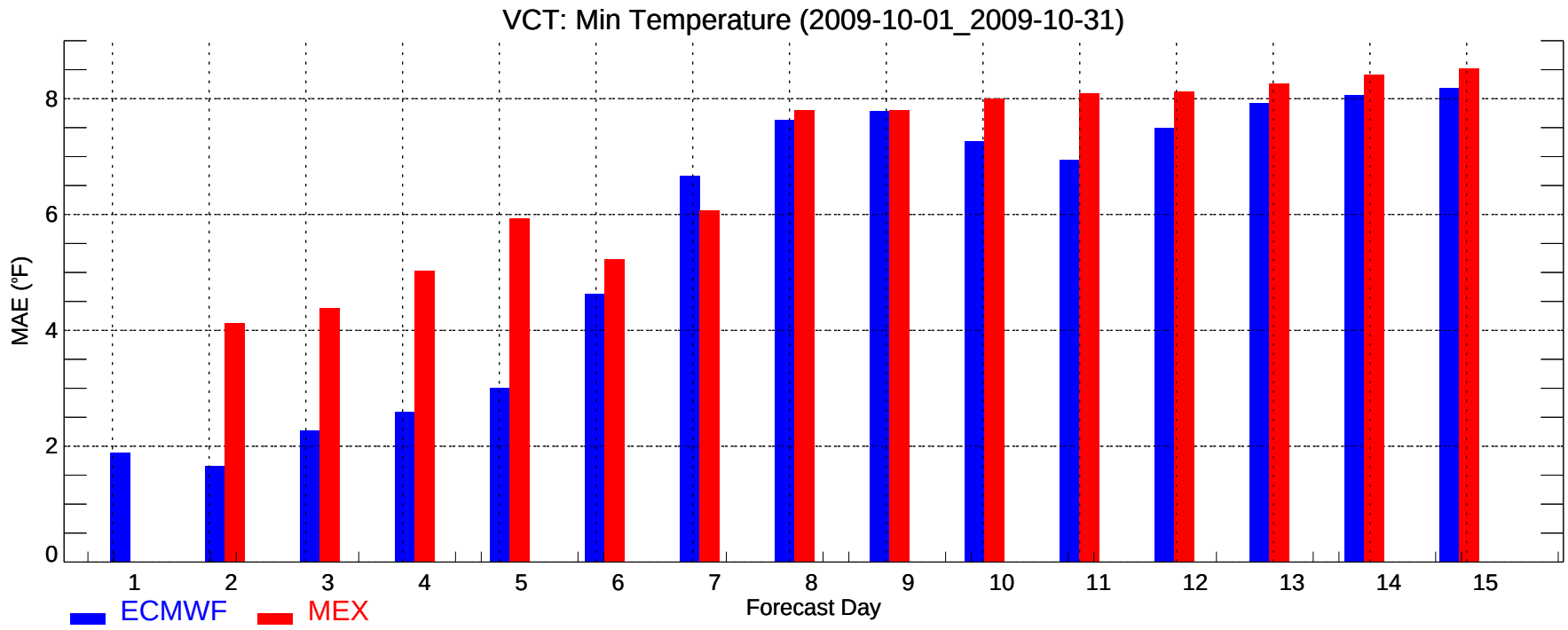

TYS: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

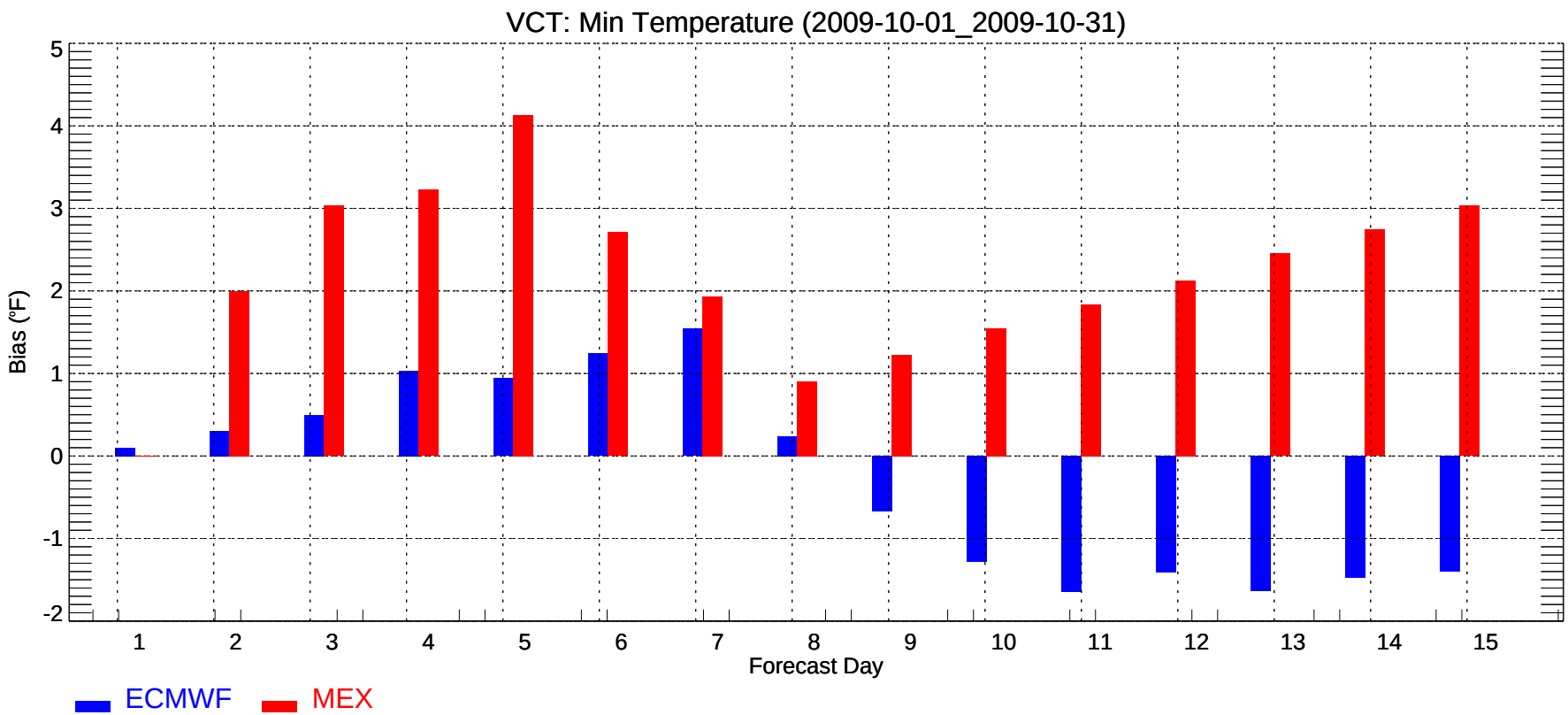

TYS: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

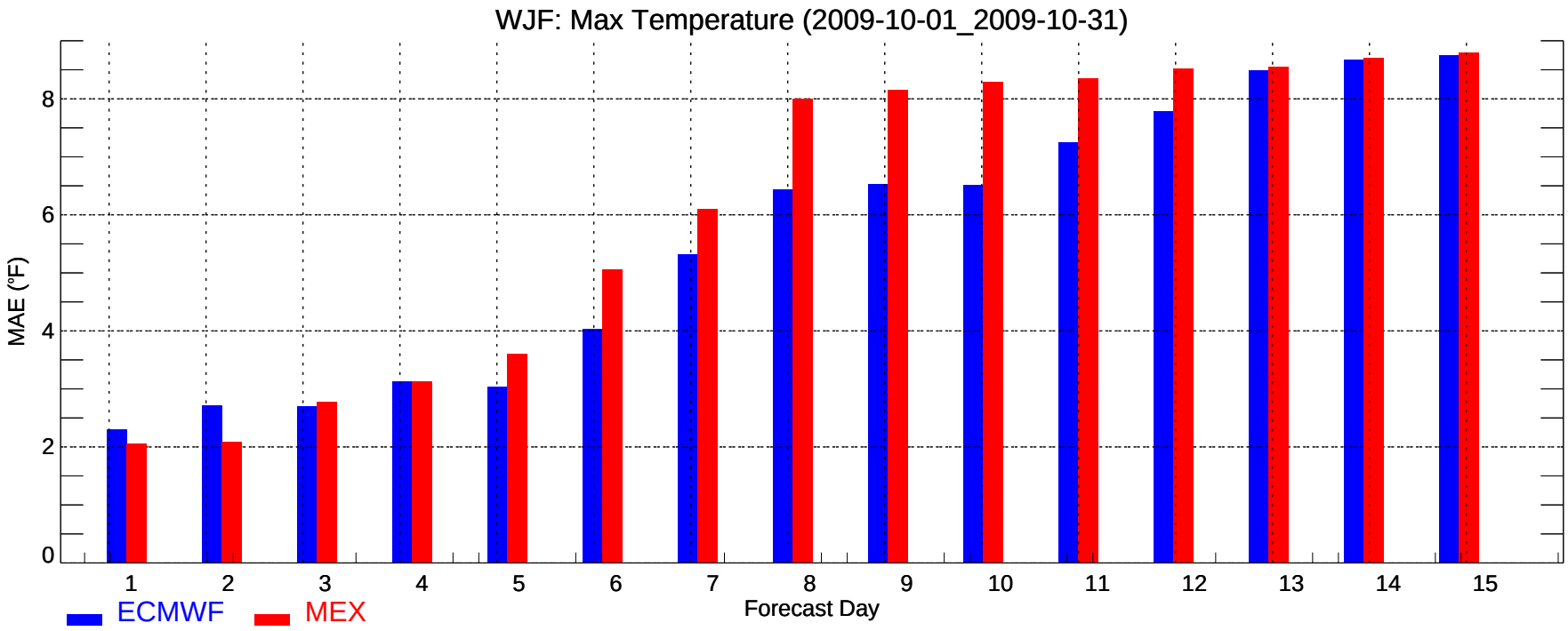

TYS: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

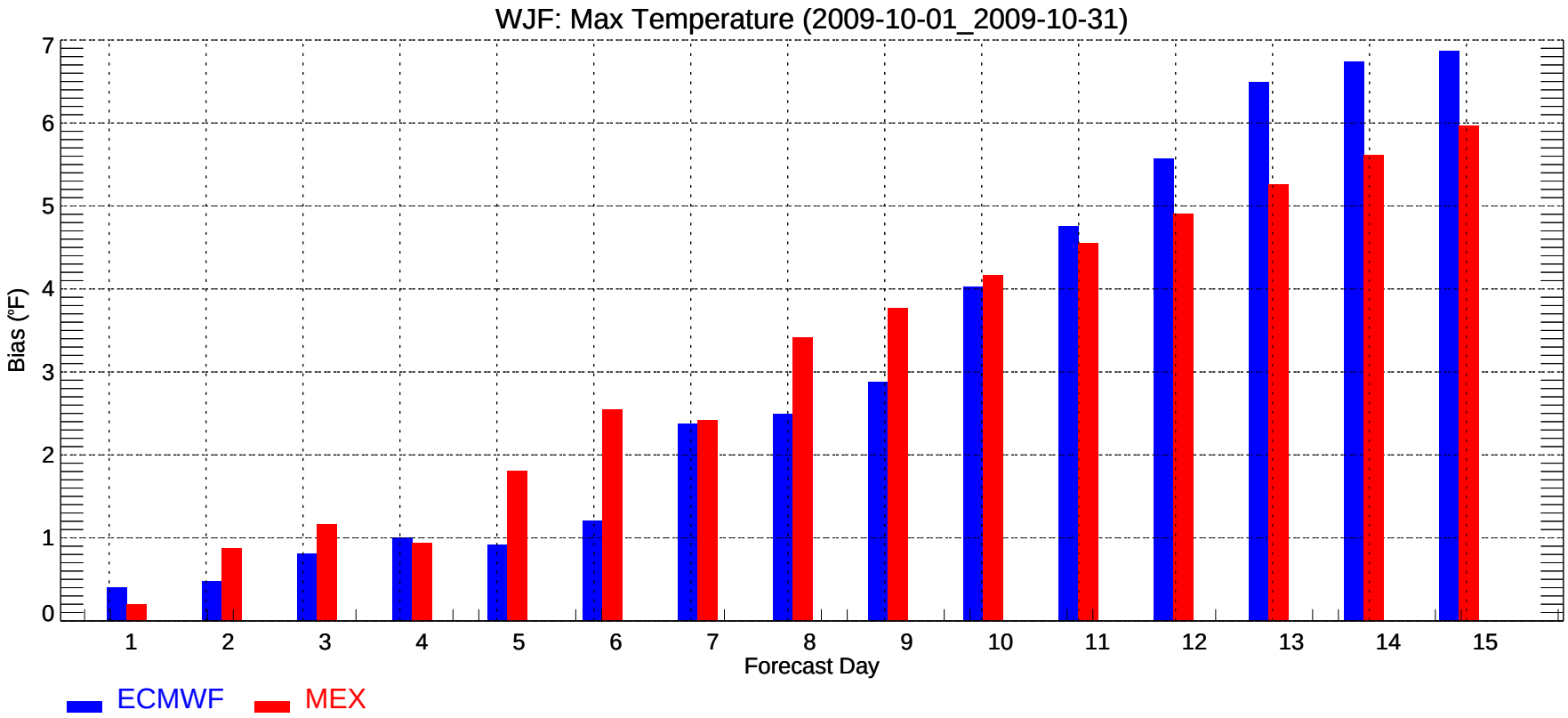

VCT: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

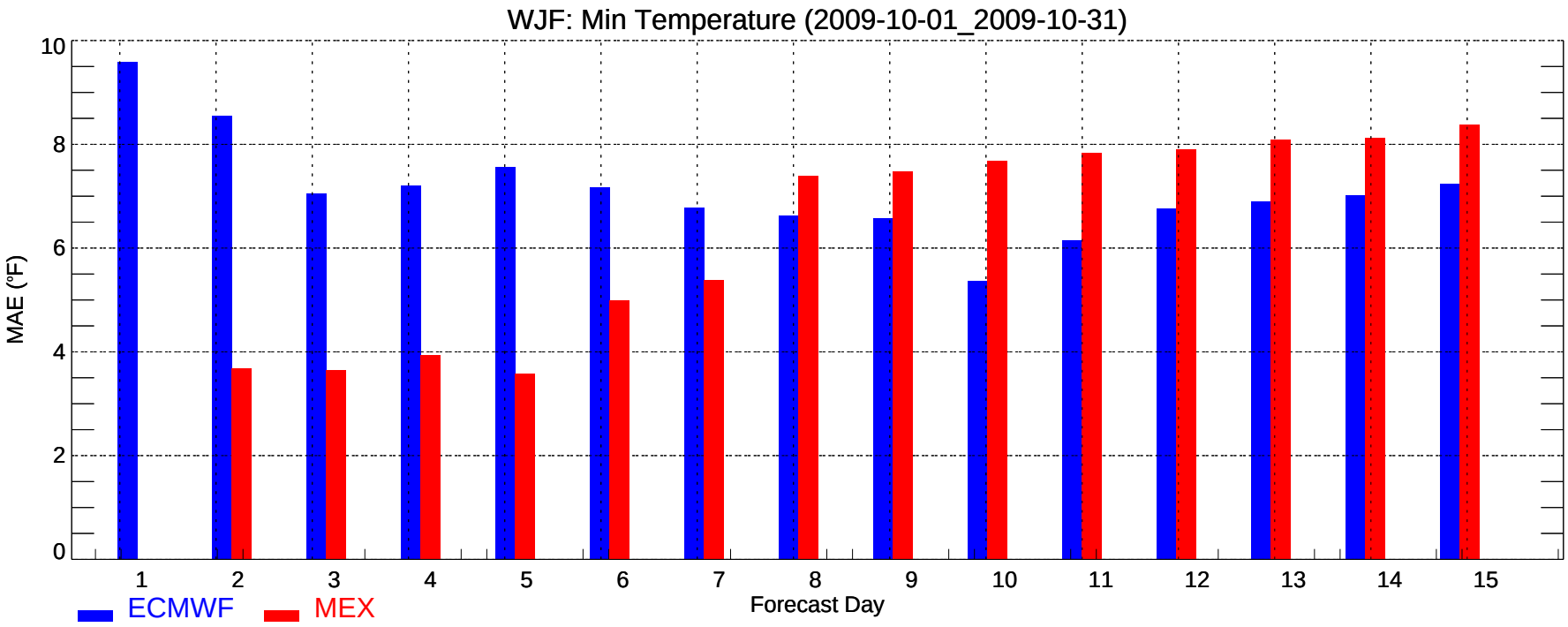

VCT: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


VCT: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


VCT: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
5
4
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


WJF: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


WJF: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


WJF: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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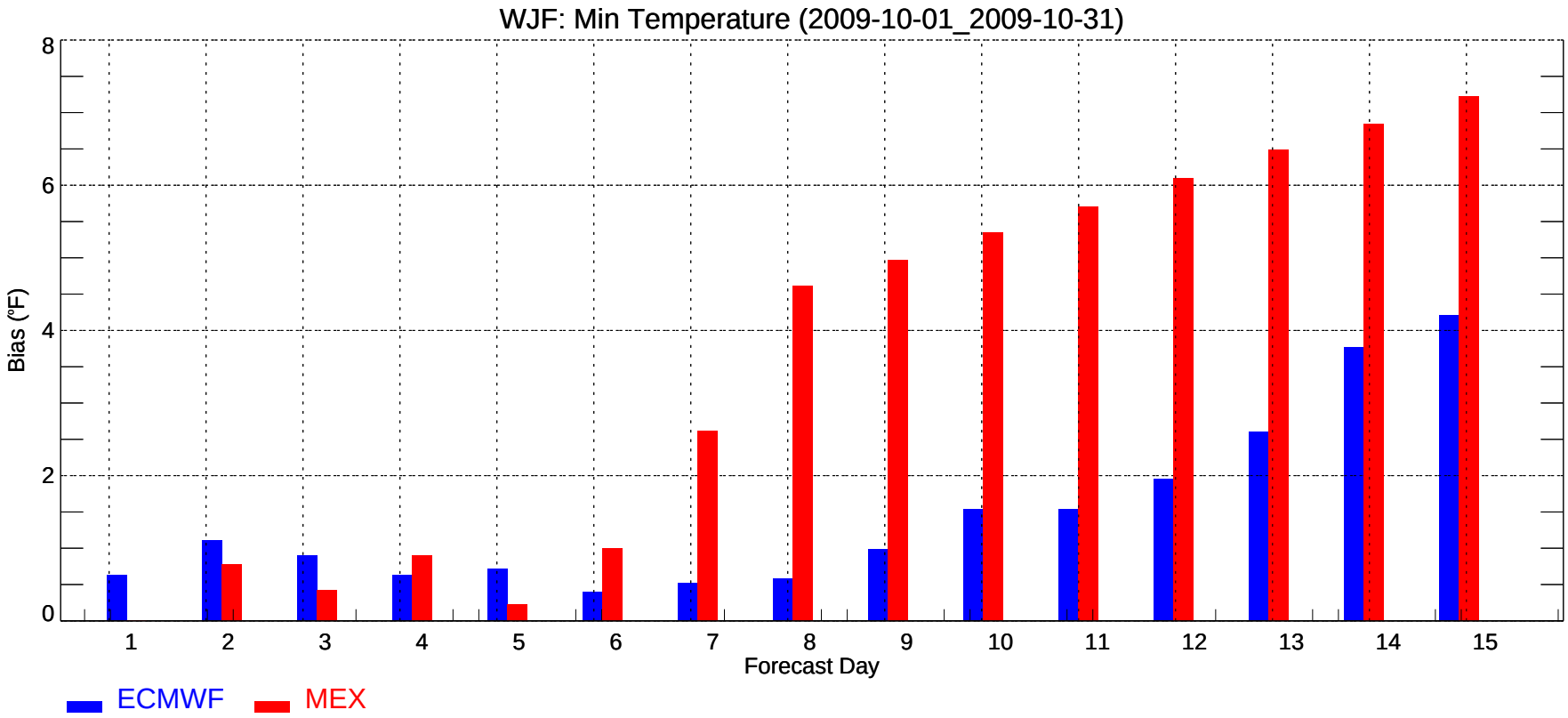
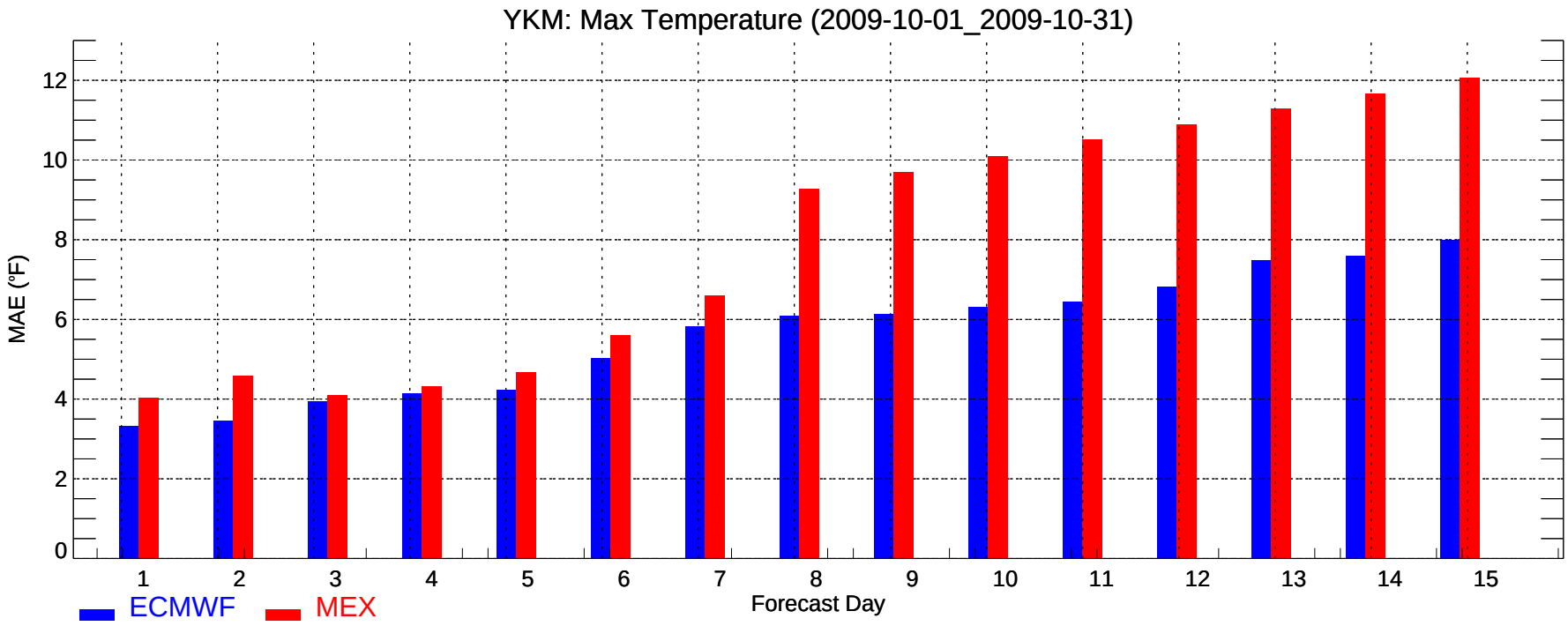
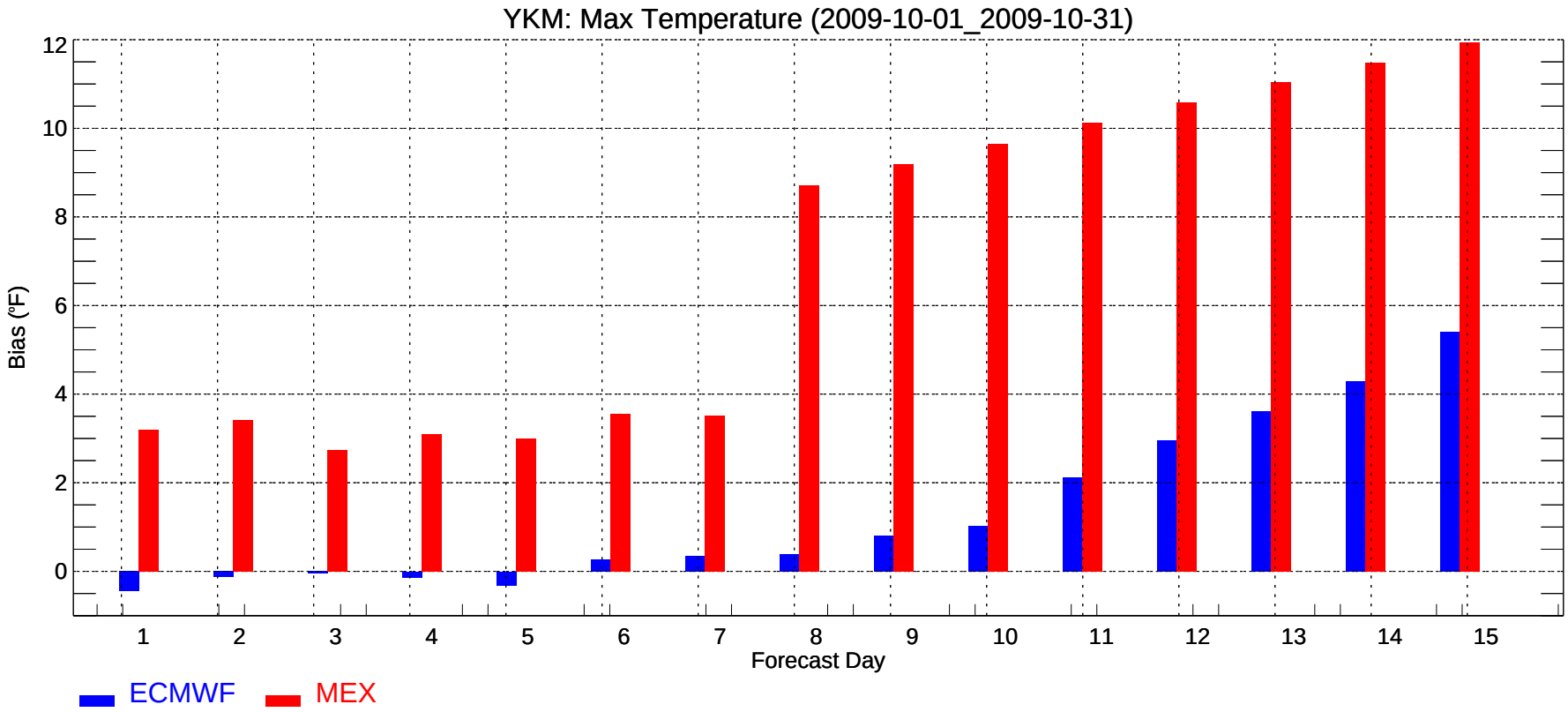
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


WJF: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YKM: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YKM: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
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6
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13
14
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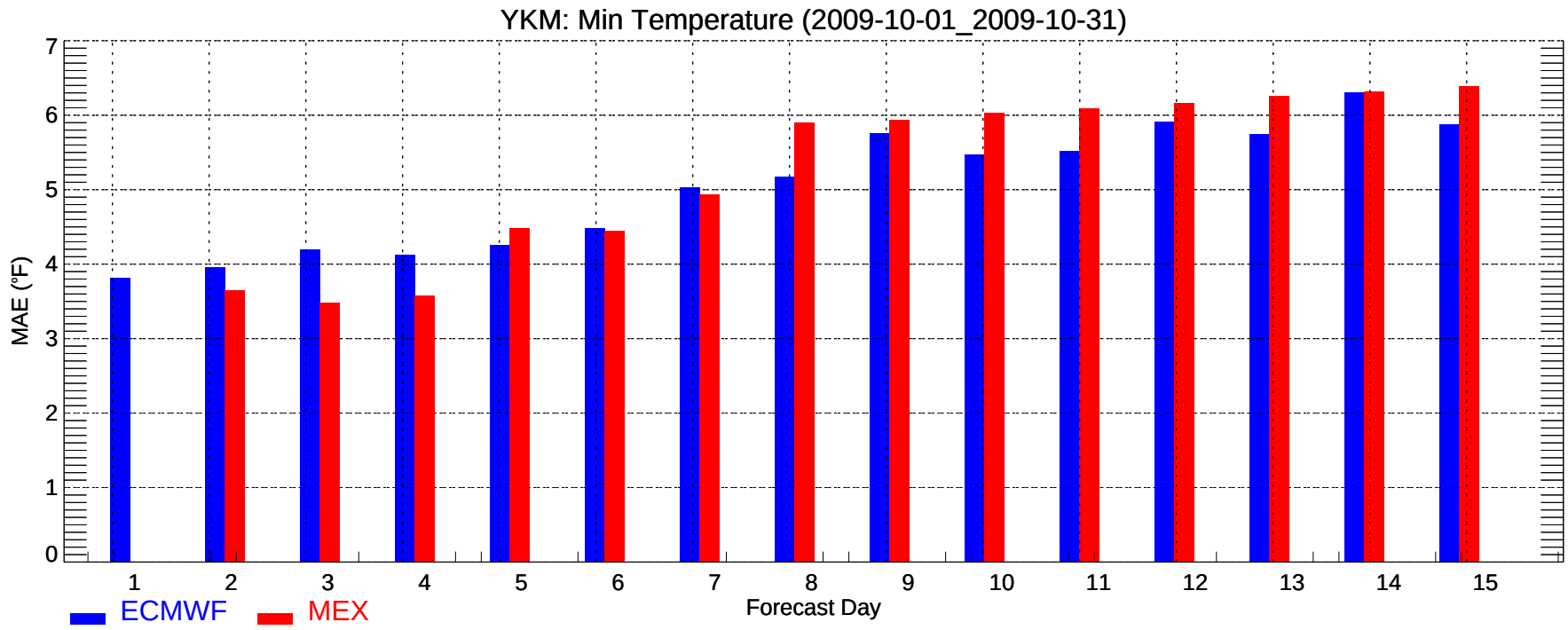
Forecast Day
ECMWF
MEX


YKM: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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6
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8
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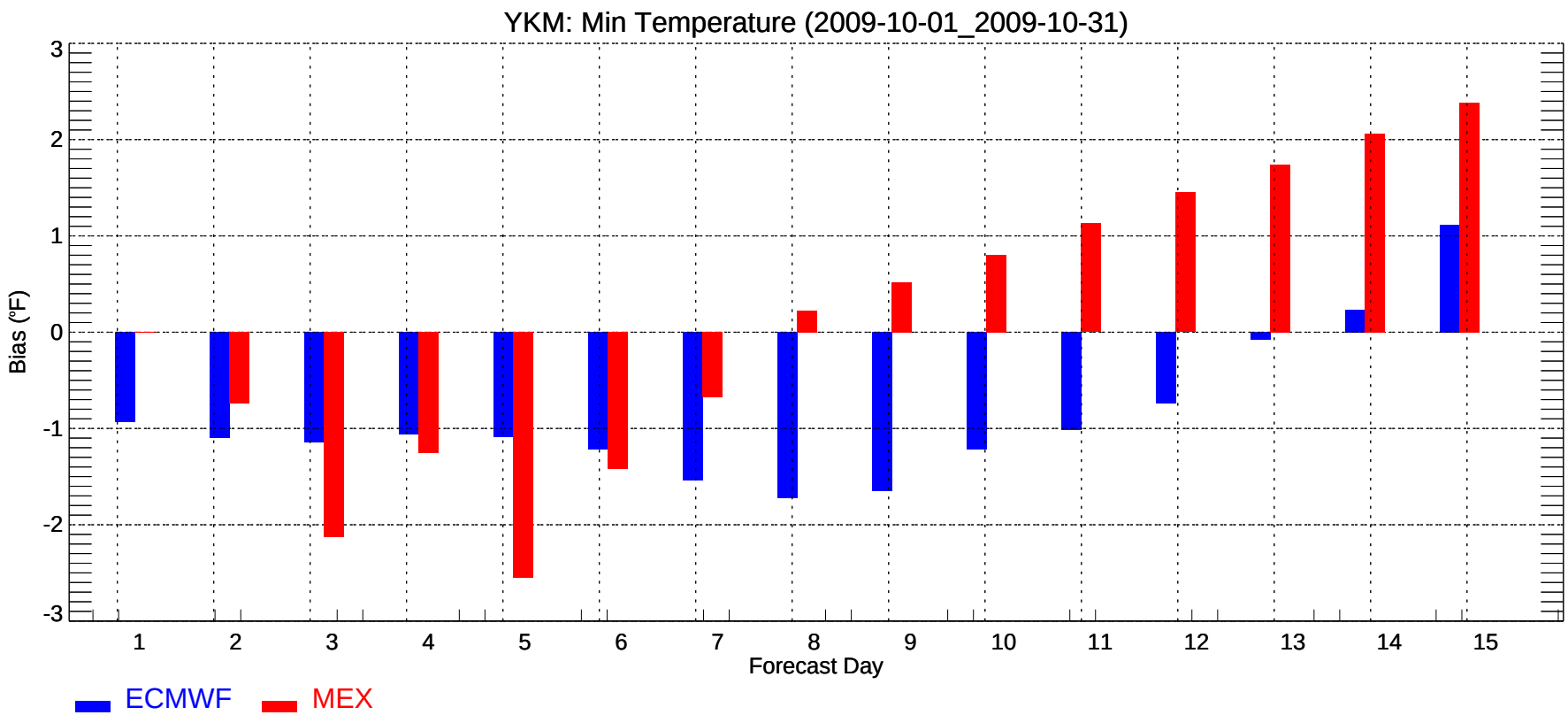
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YKM: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
3
2
1
0
-1
-2
-3
1
2
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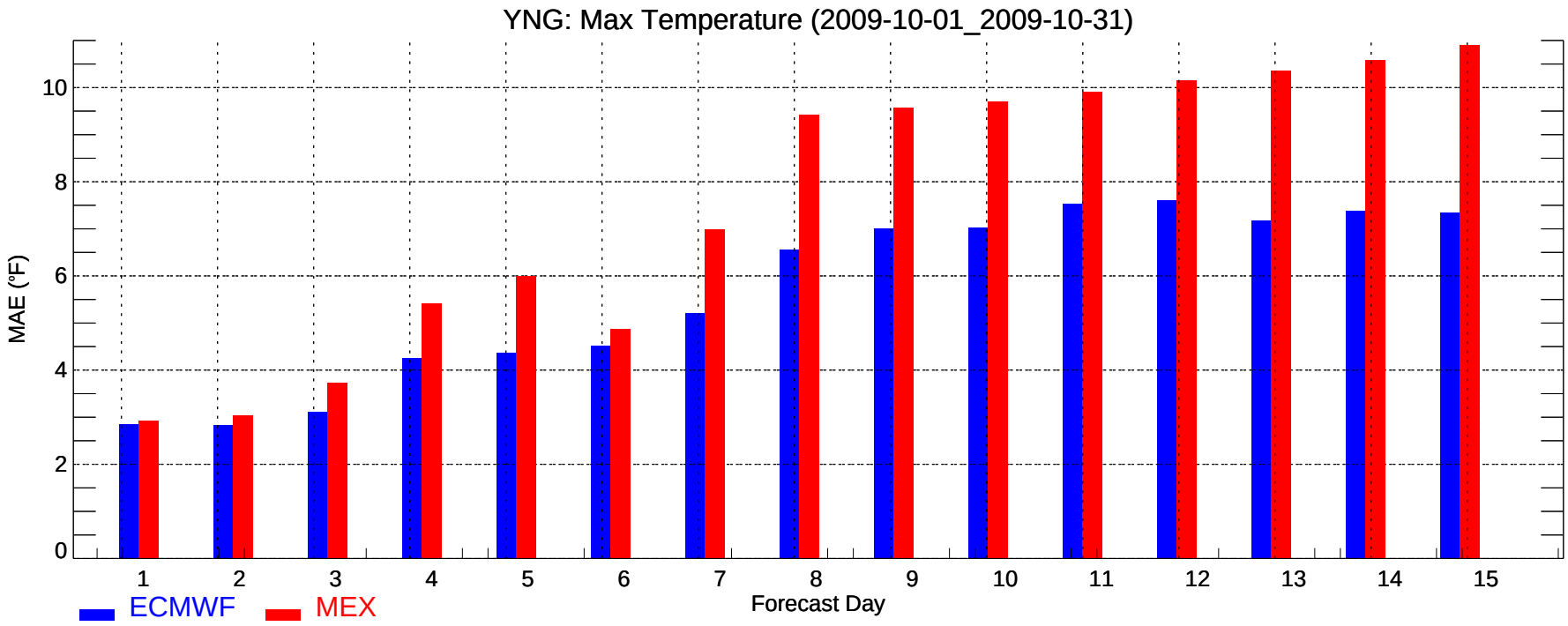
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YNG: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
10
1
2
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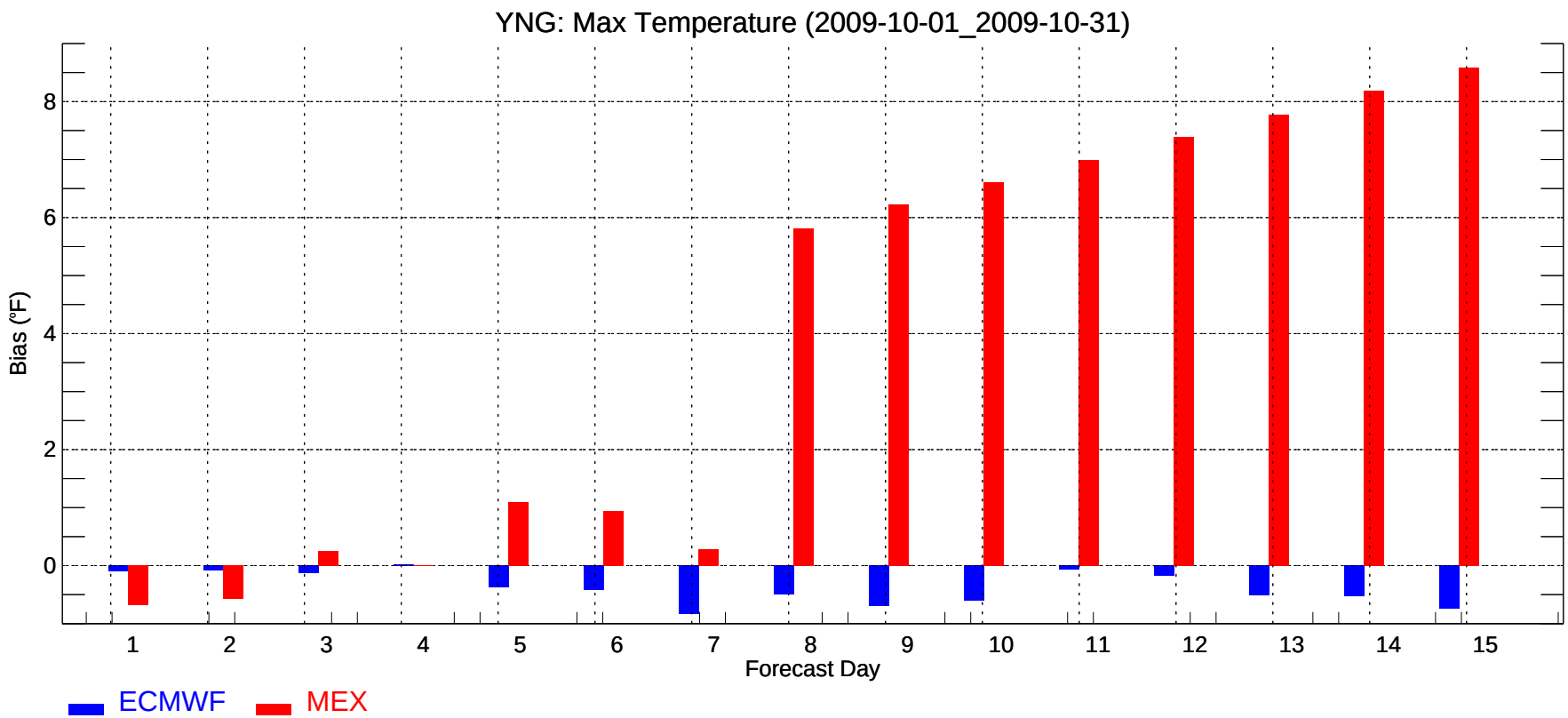
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YNG: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
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8
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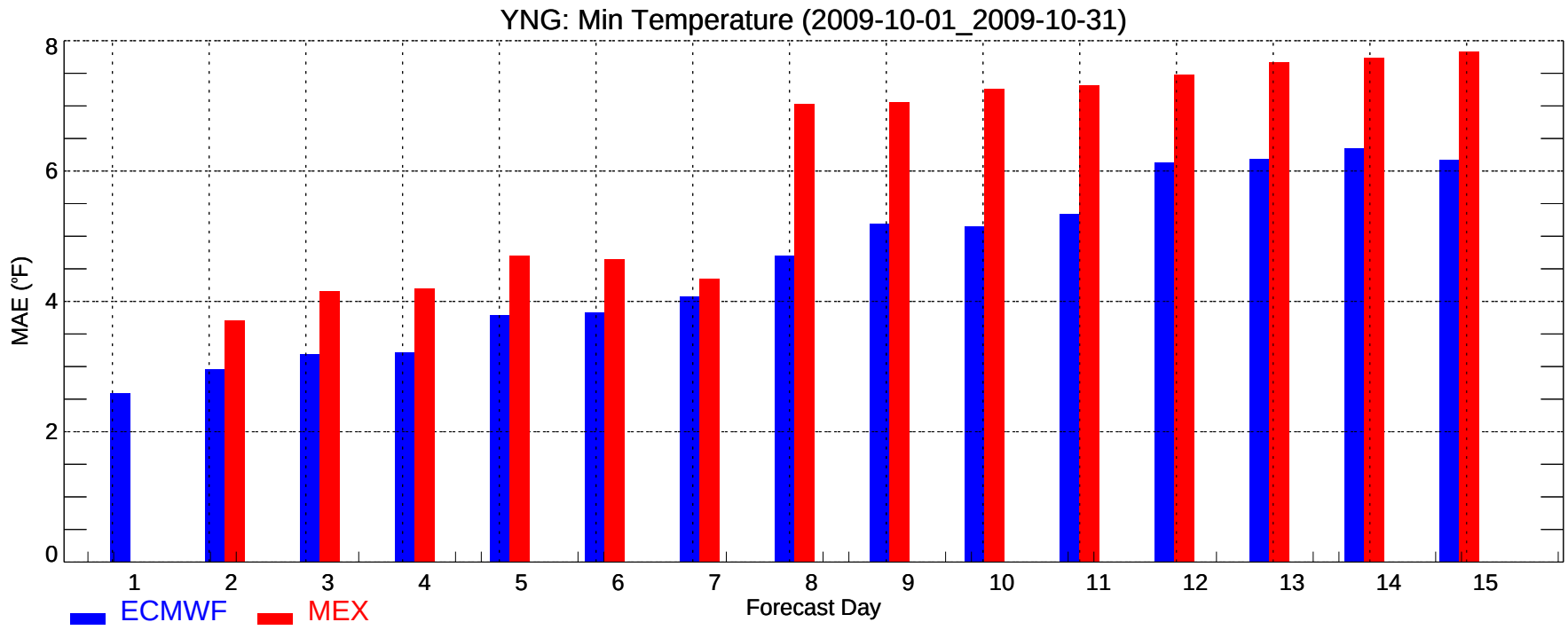
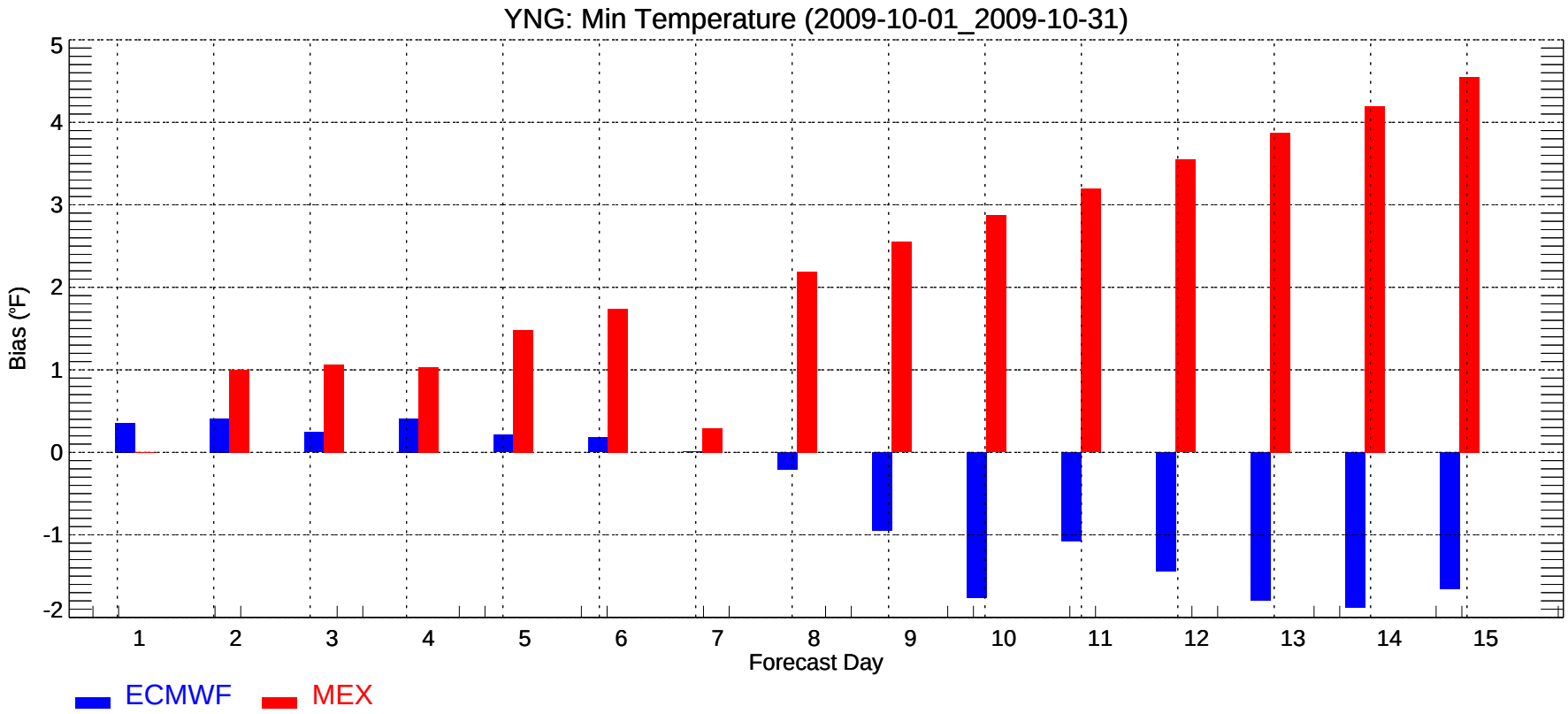
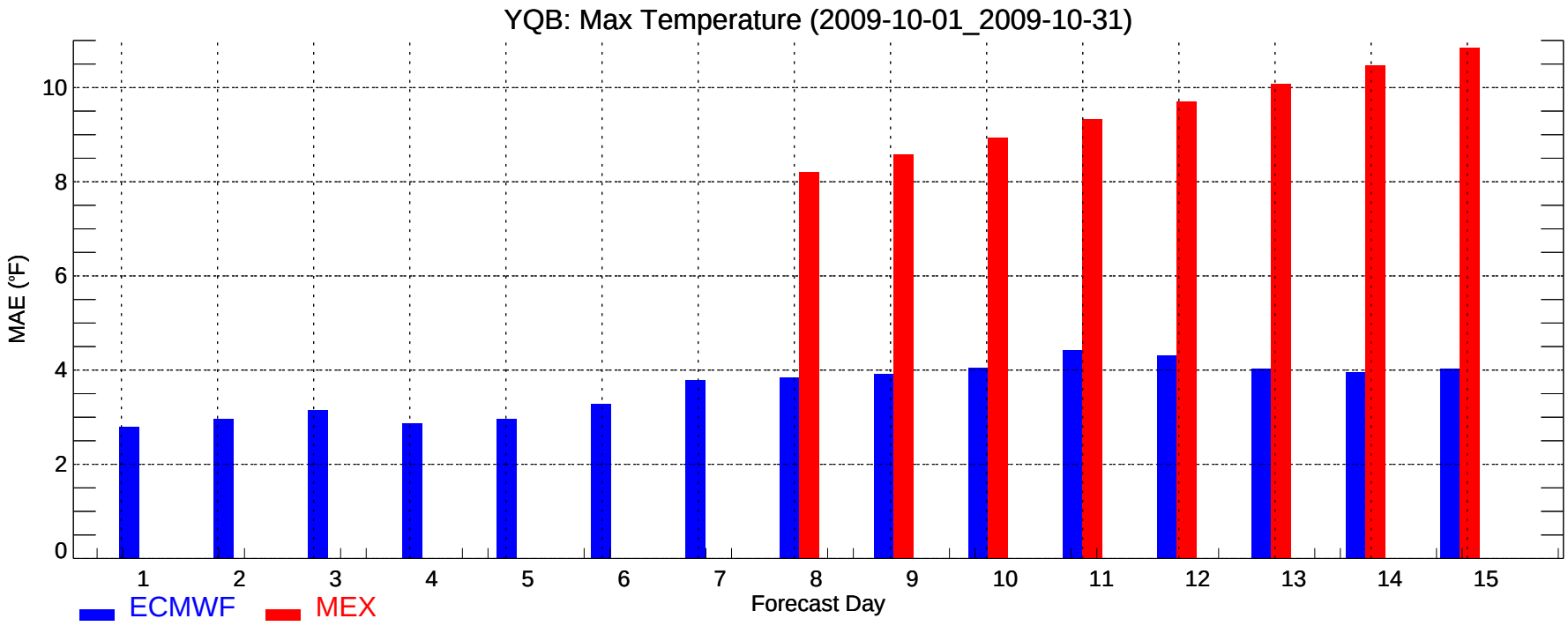
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YNG: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YNG: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
5
4
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YQB: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
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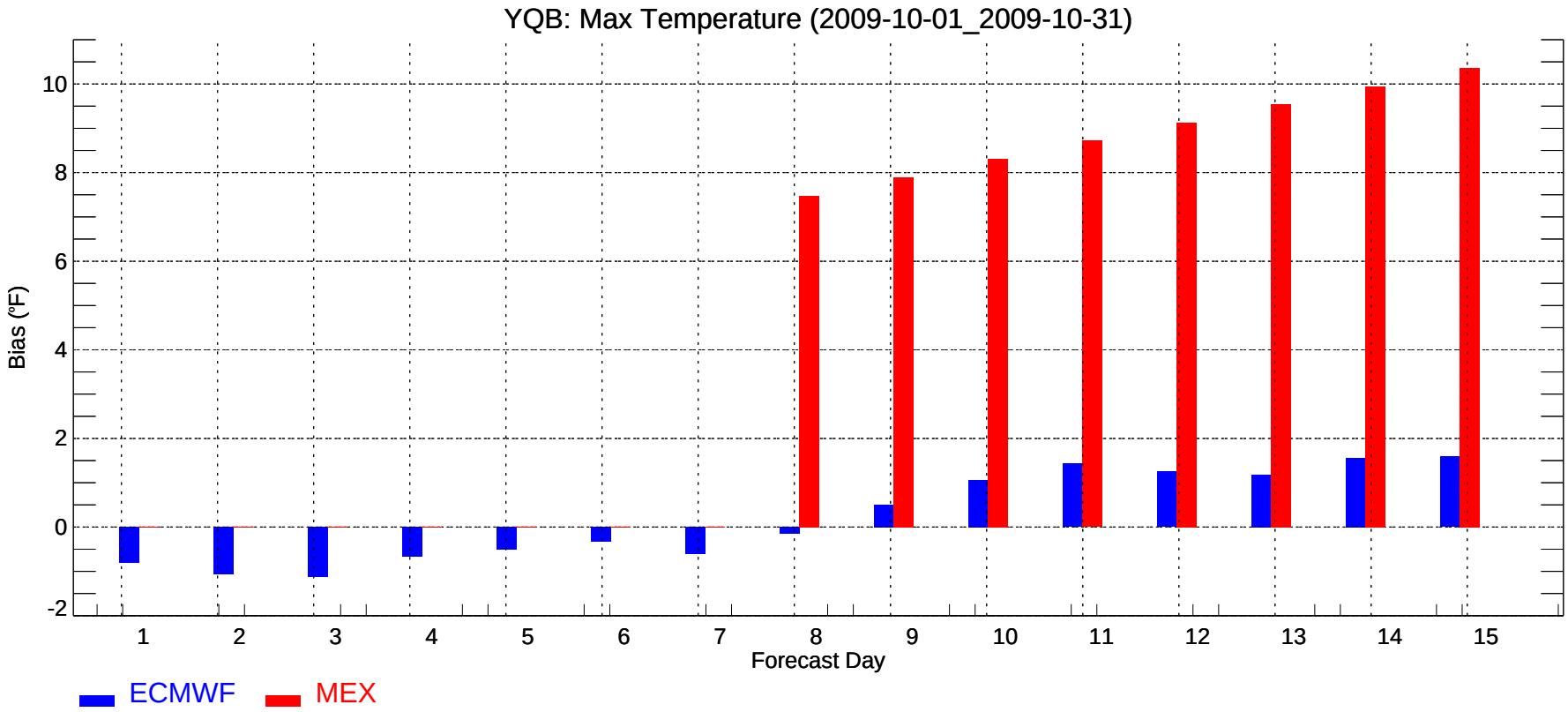
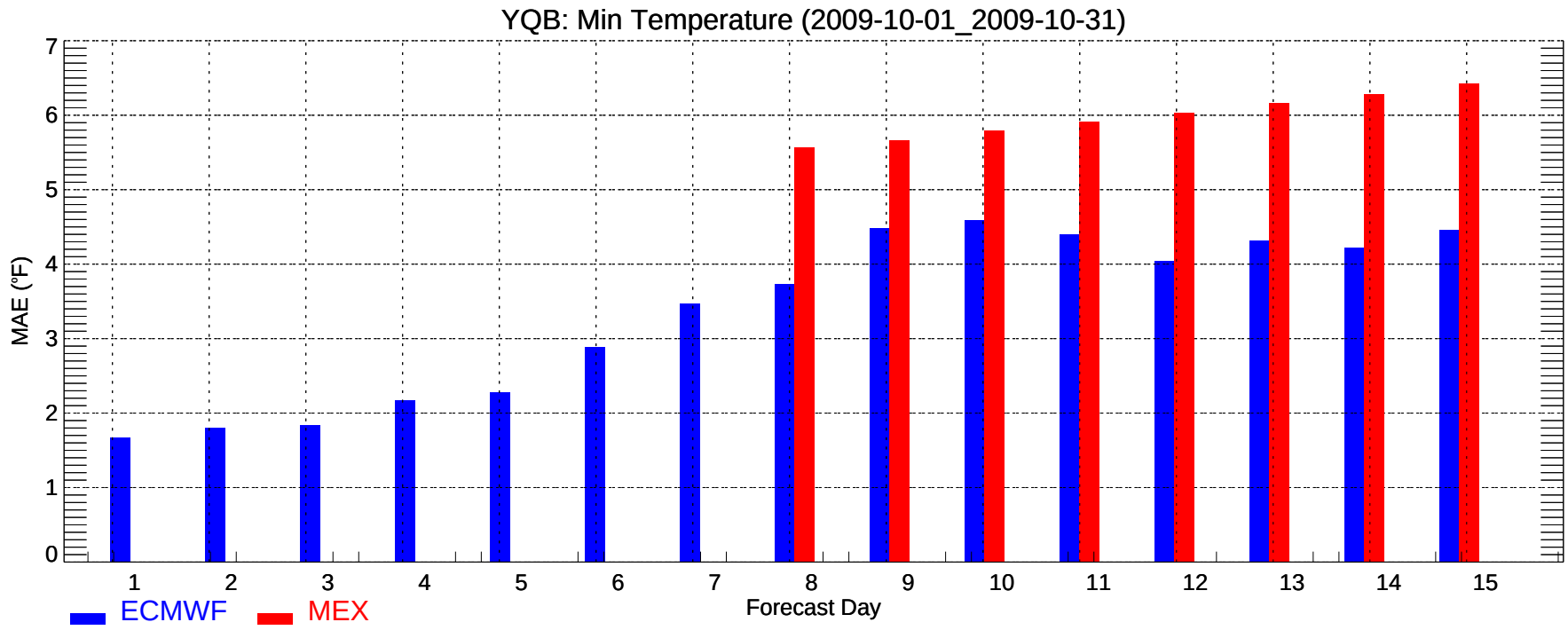
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YQB: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YQB: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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4
5
6
7
8
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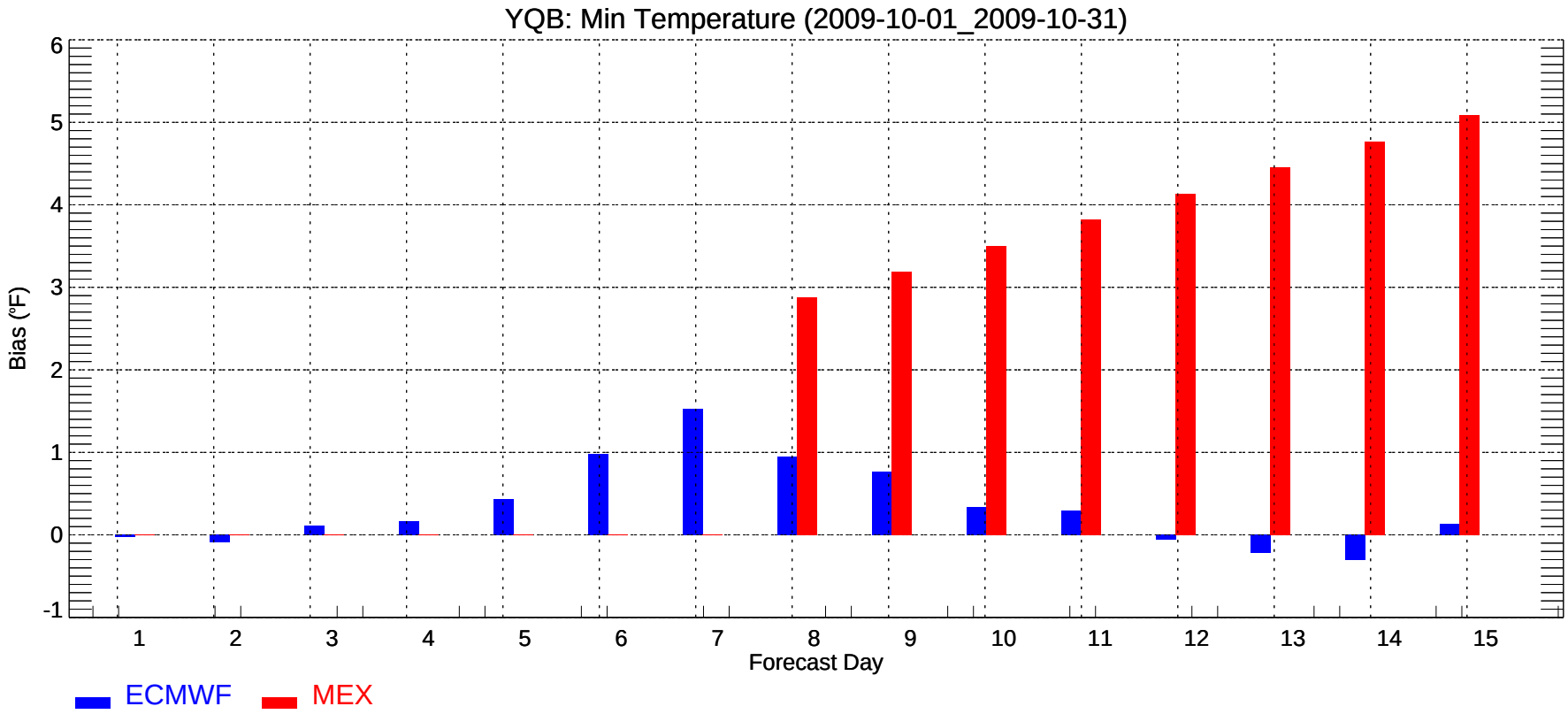
13
14
15
Forecast Day
ECMWF
MEX


YQB: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
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12
13
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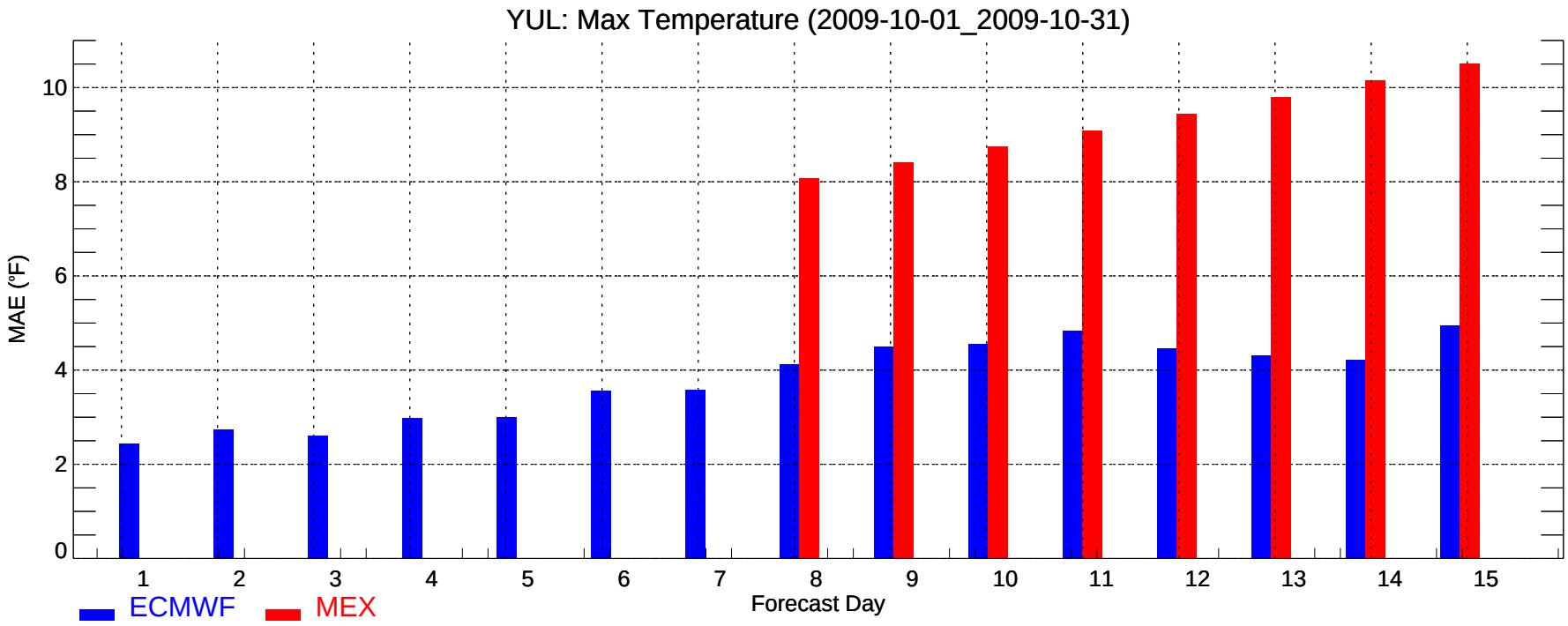
Forecast Day
ECMWF
MEX


YUL: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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2
4
6
8
10
1
2
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4
5
6
7
8
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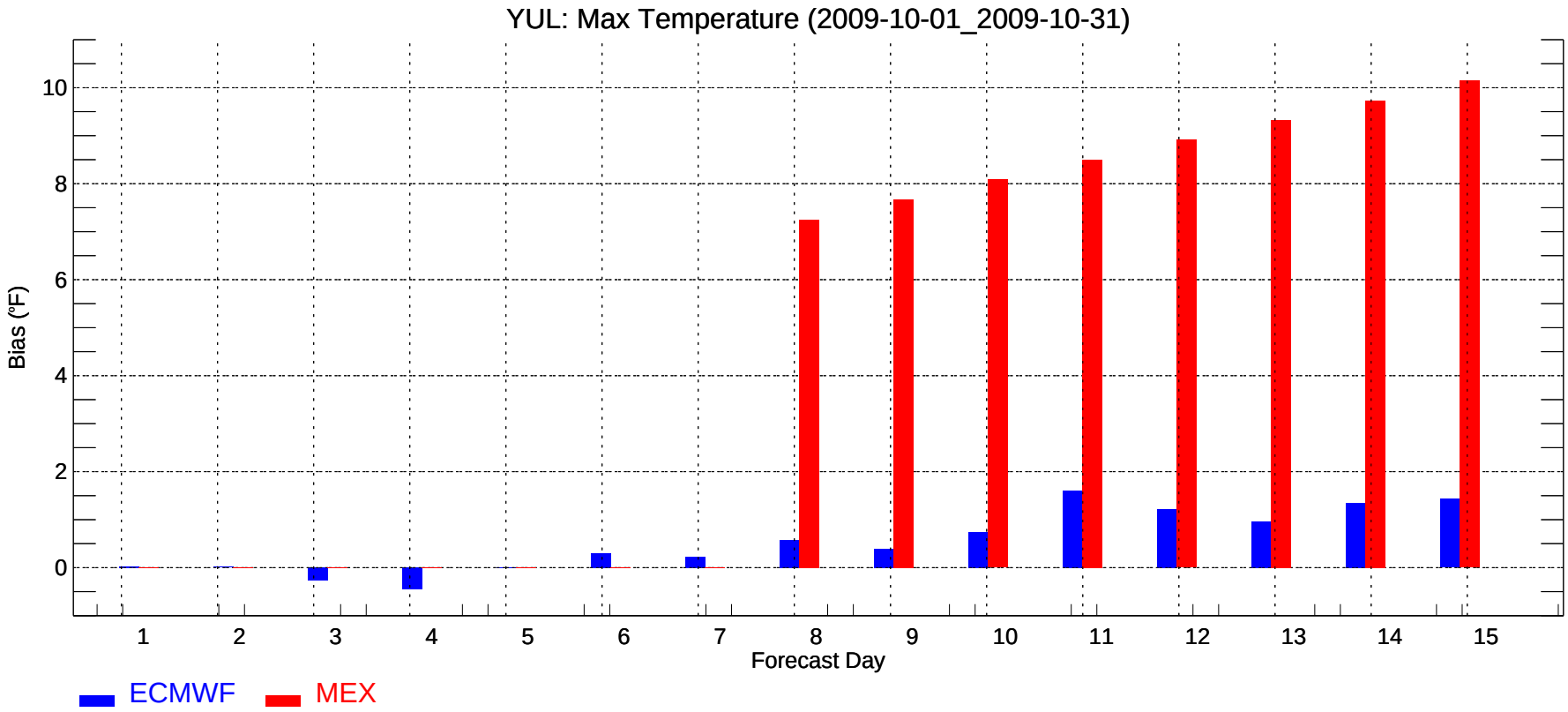
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YUL: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
1
2
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7
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13
14
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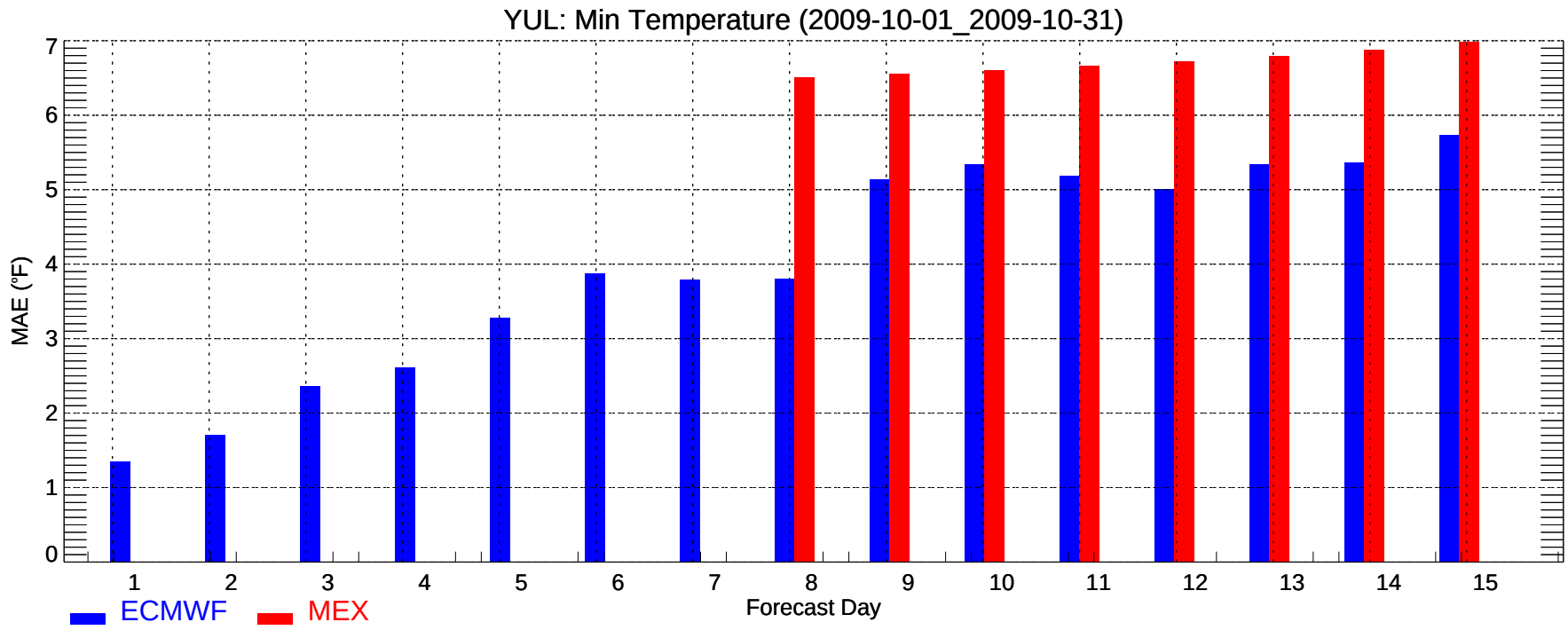
Forecast Day
ECMWF
MEX


YUL: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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5
6
7
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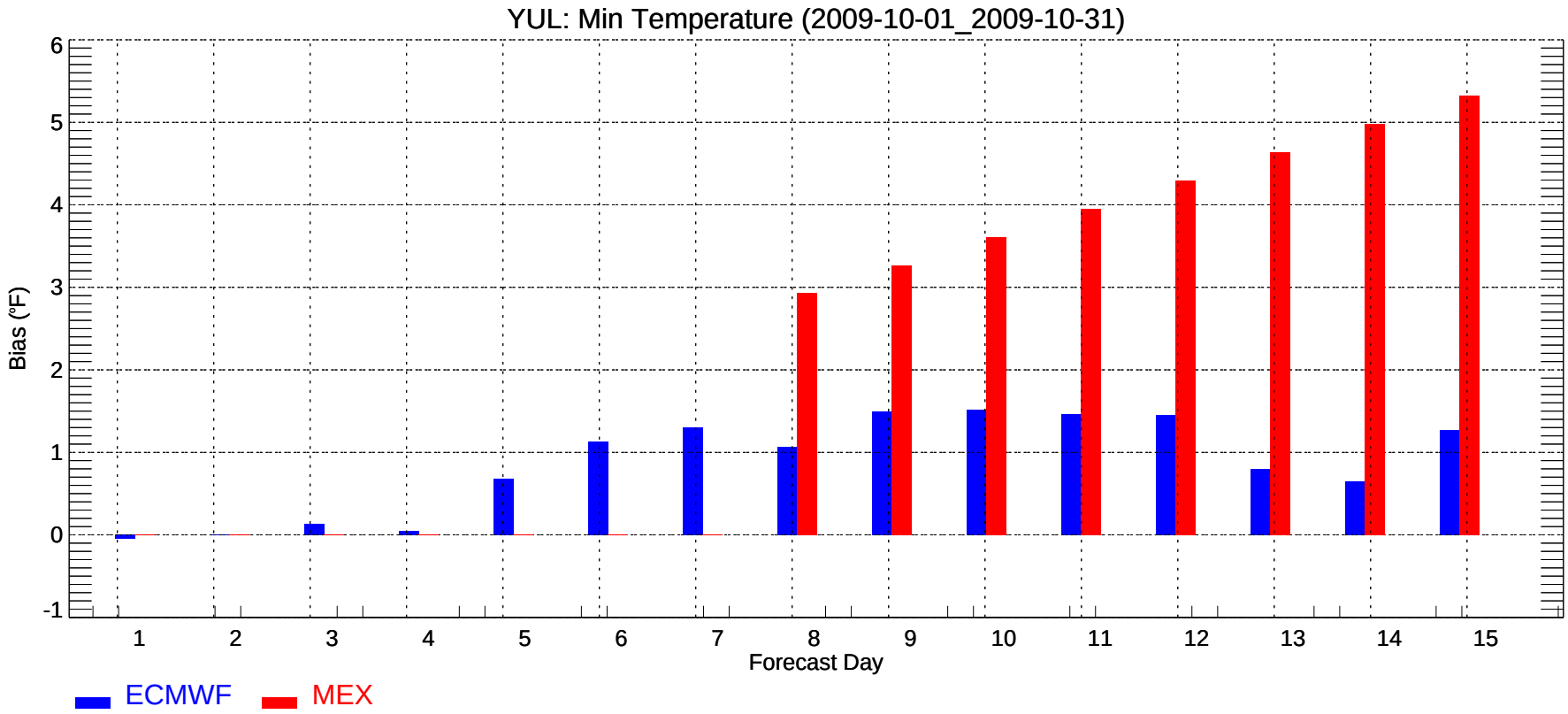
Forecast Day
ECMWF
MEX


YUL: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
5
6
1
2
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5
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7
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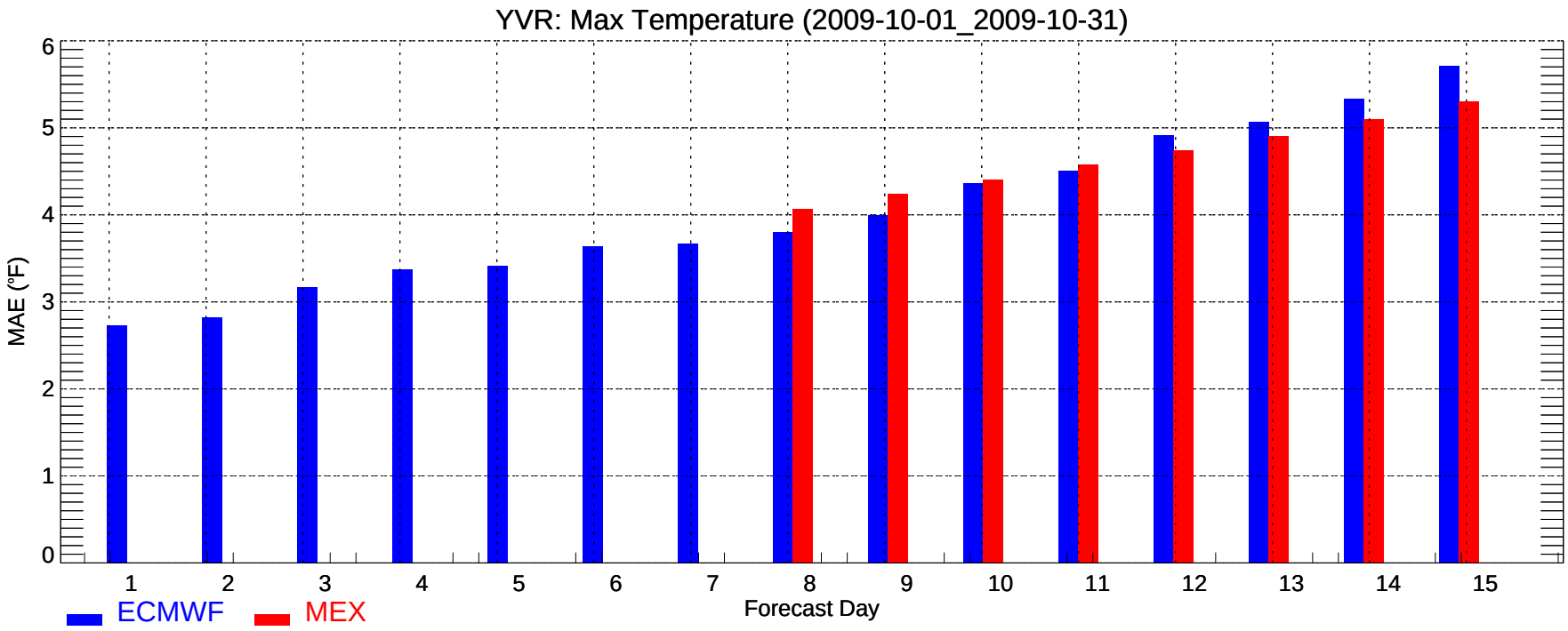
Forecast Day
ECMWF
MEX


YVR: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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1
2
3
4
5
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7
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12
13
14
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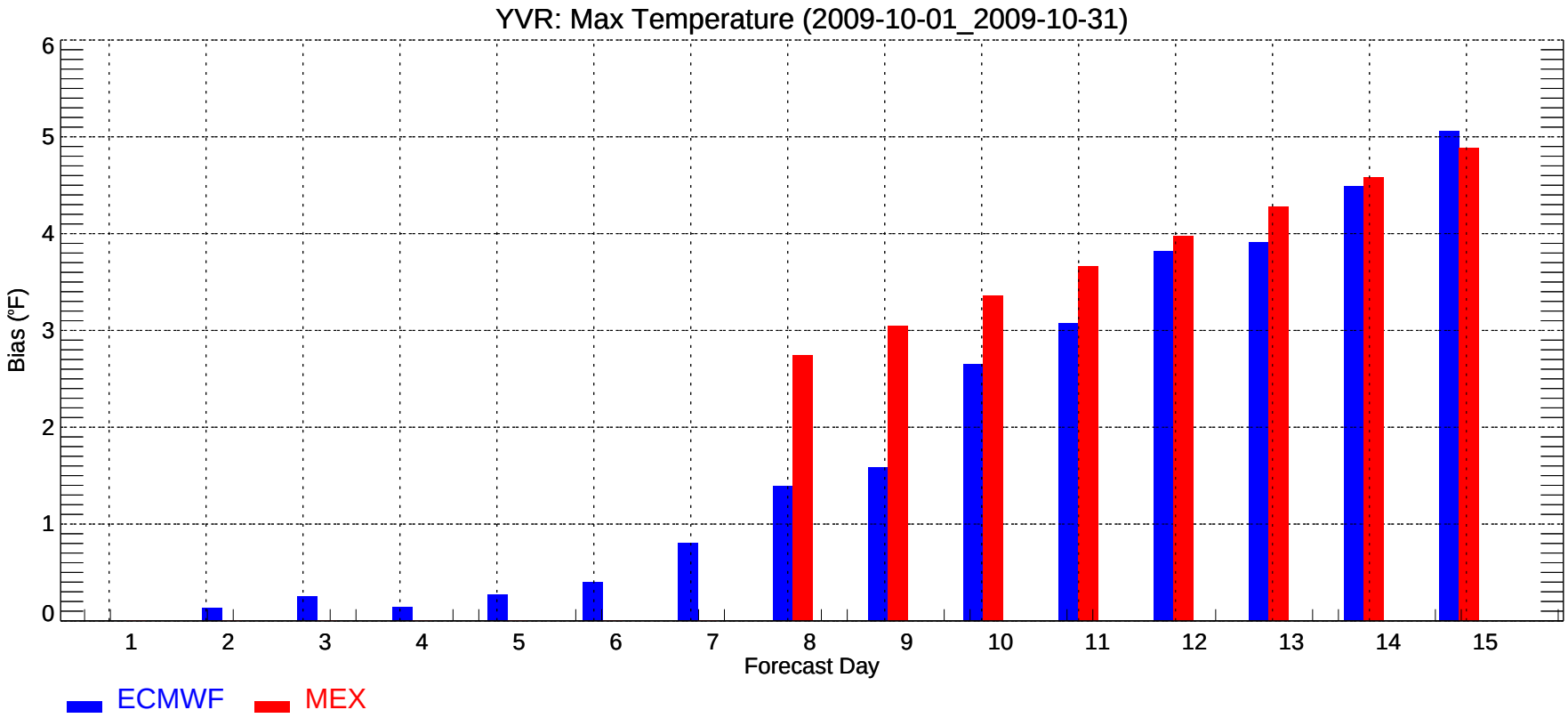
Forecast Day
ECMWF
MEX


YVR: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
1
2
3
4
5
6
1
2
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7
8
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10
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13
14
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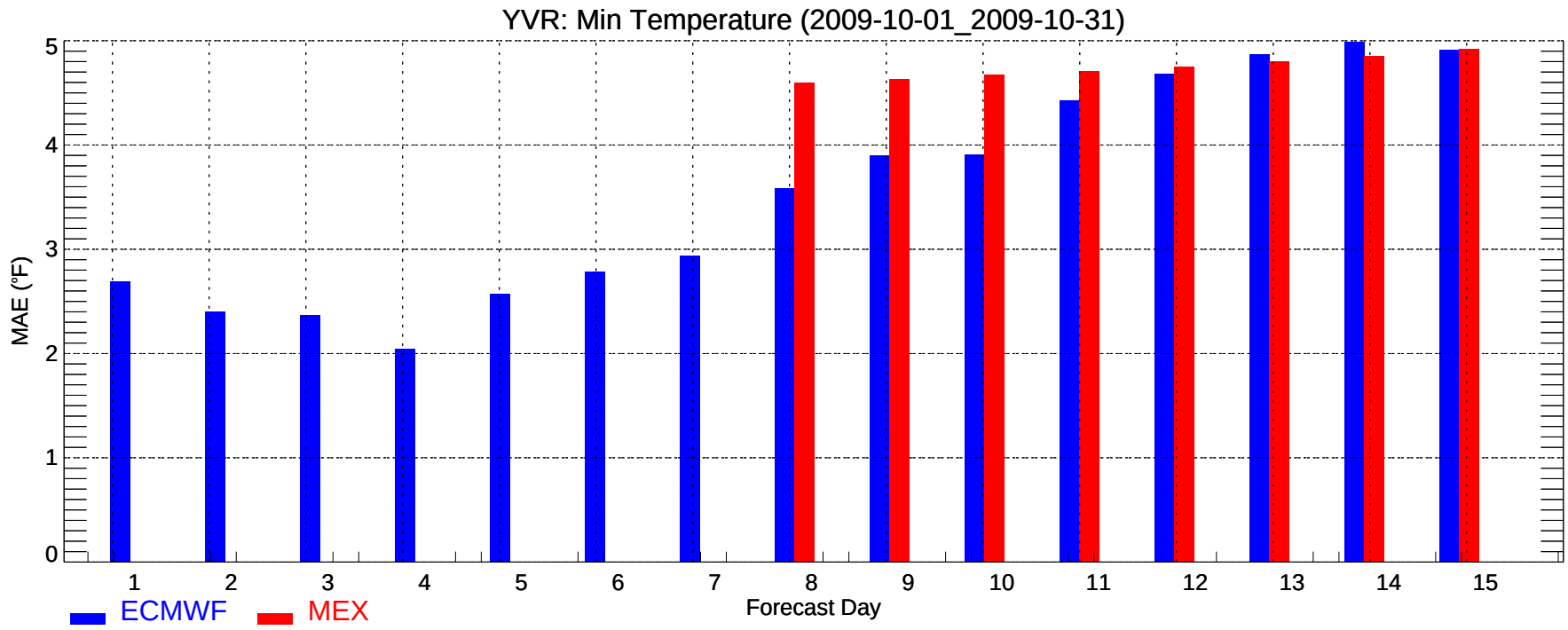
Forecast Day
ECMWF
MEX


YVR: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
1
2
3
4
5
1
2
3
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6
7
8
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13
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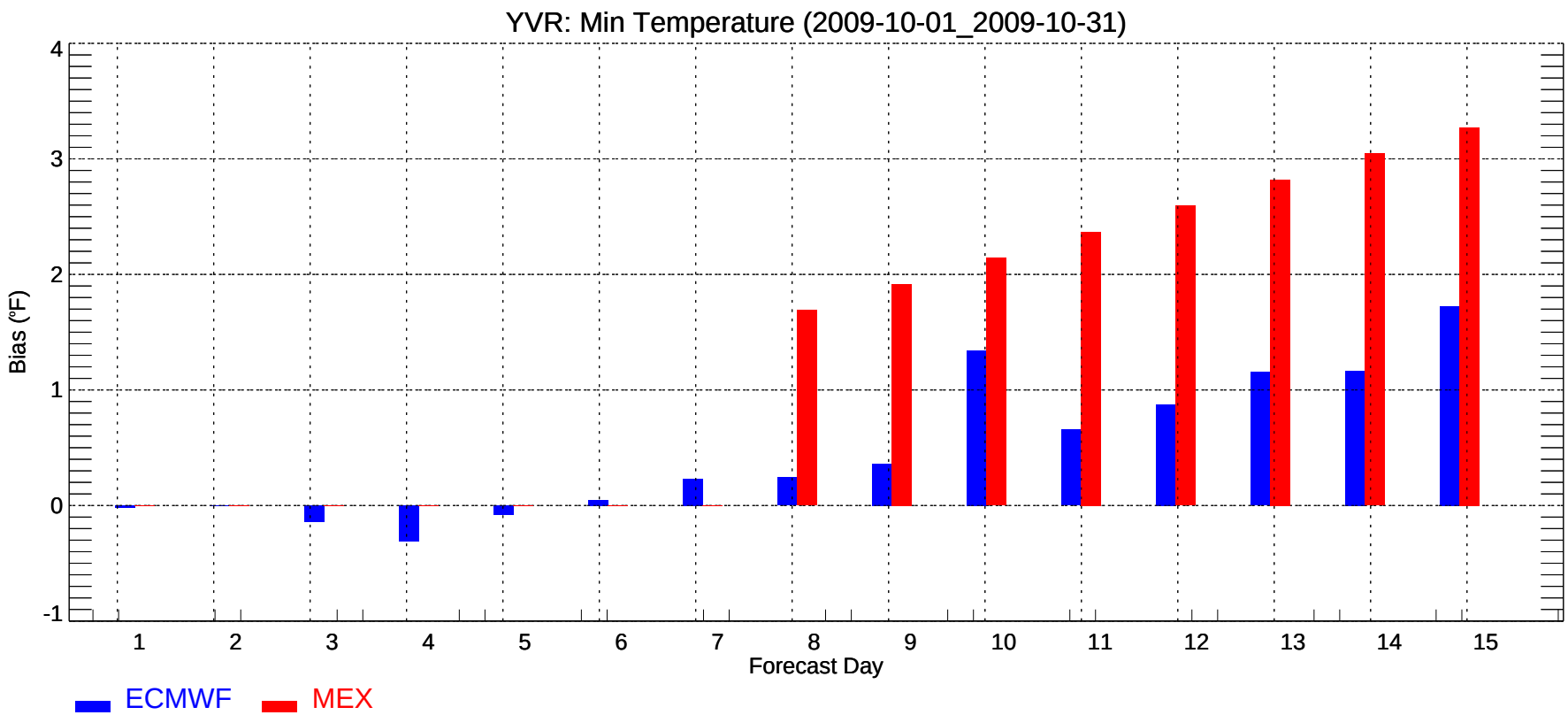
Forecast Day
ECMWF
MEX


YVR: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-1
0
1
2
3
4
1
2
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6
7
8
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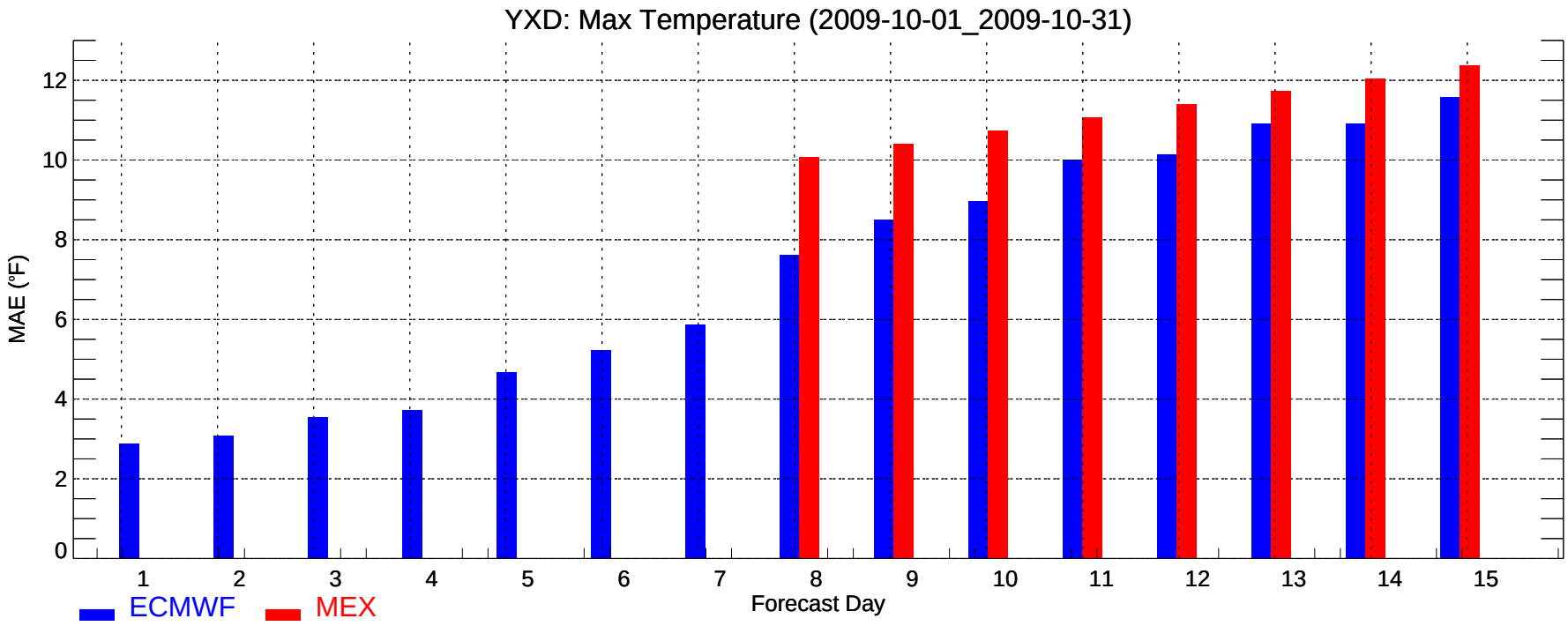
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YXD: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
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4
6
8
10
12
1
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5
6
7
8
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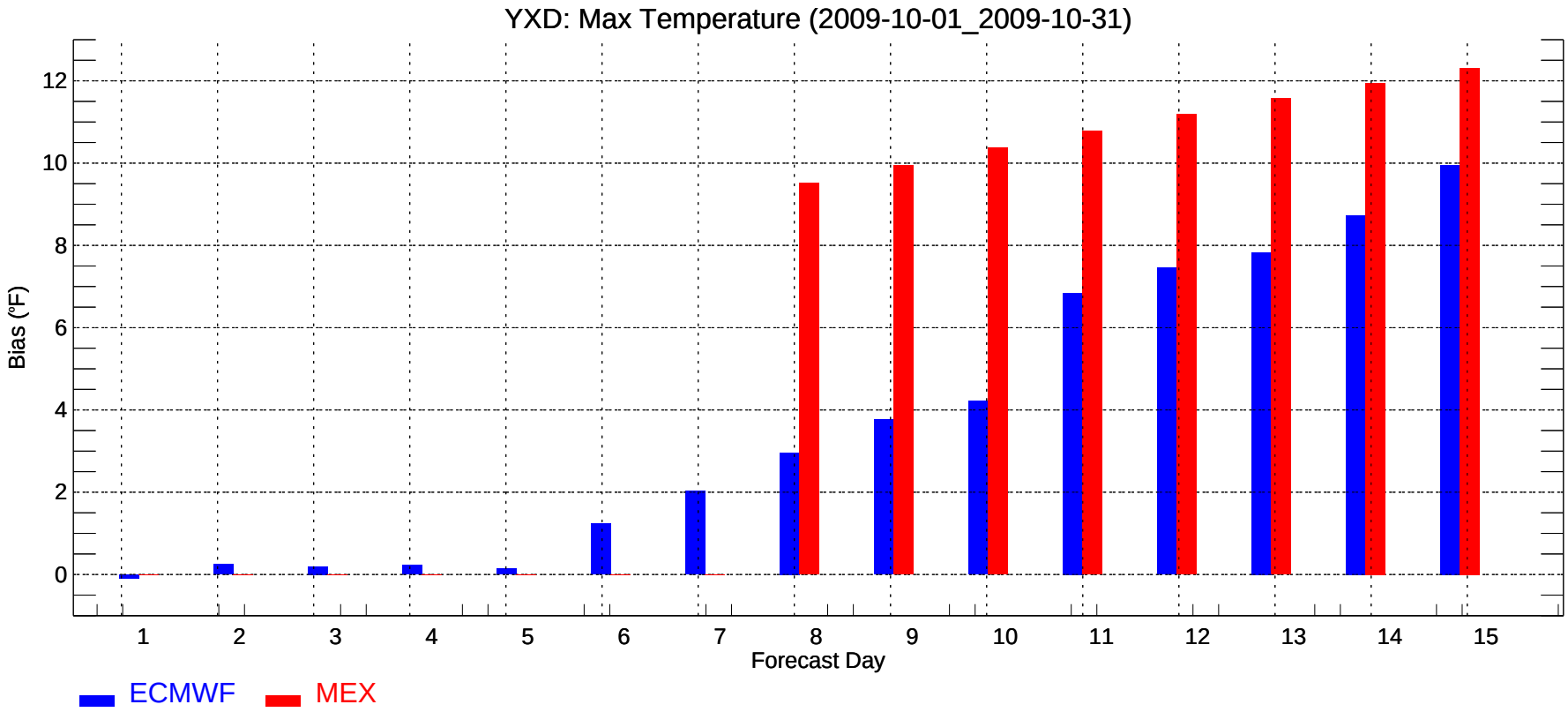
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YXD: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
10
12
1
2
3
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5
6
7
8
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11
12
13
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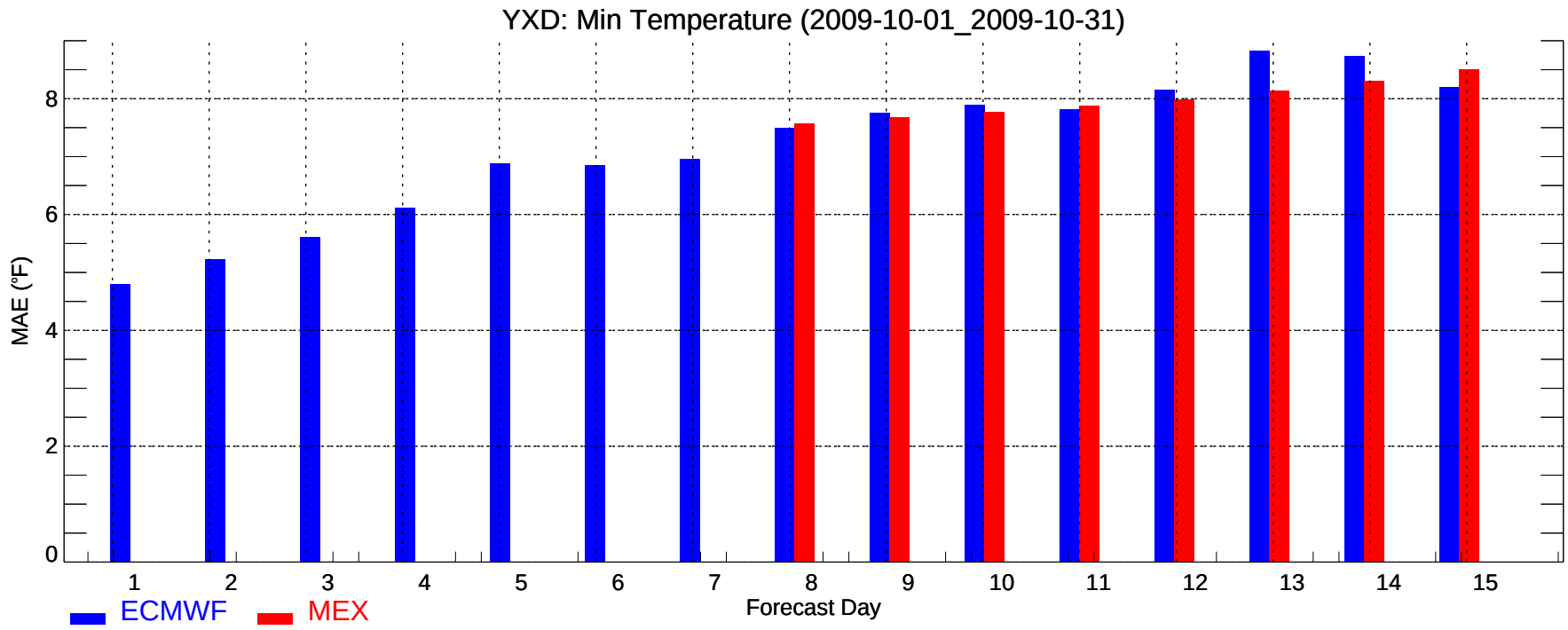
Forecast Day
ECMWF
MEX


YXD: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
7
8
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10
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12
13
14
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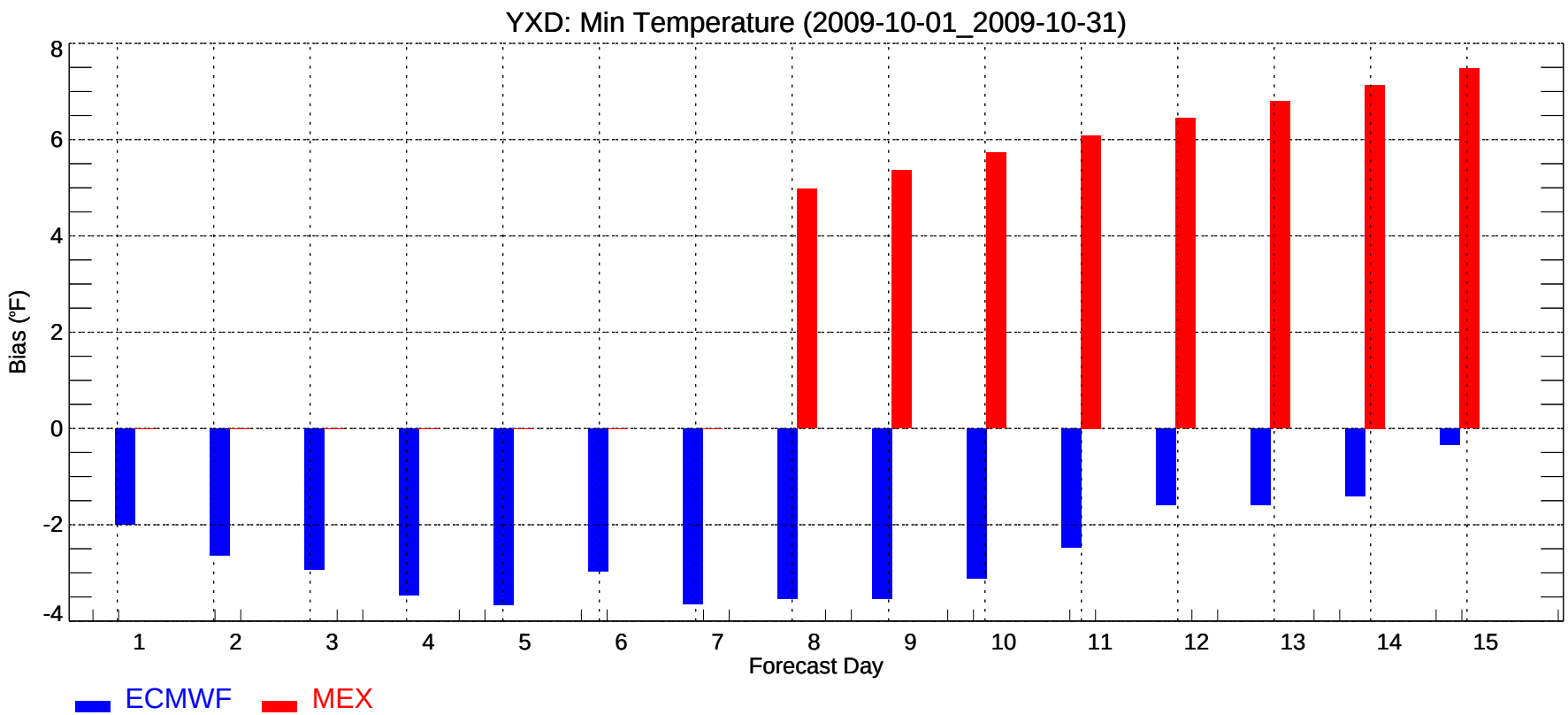
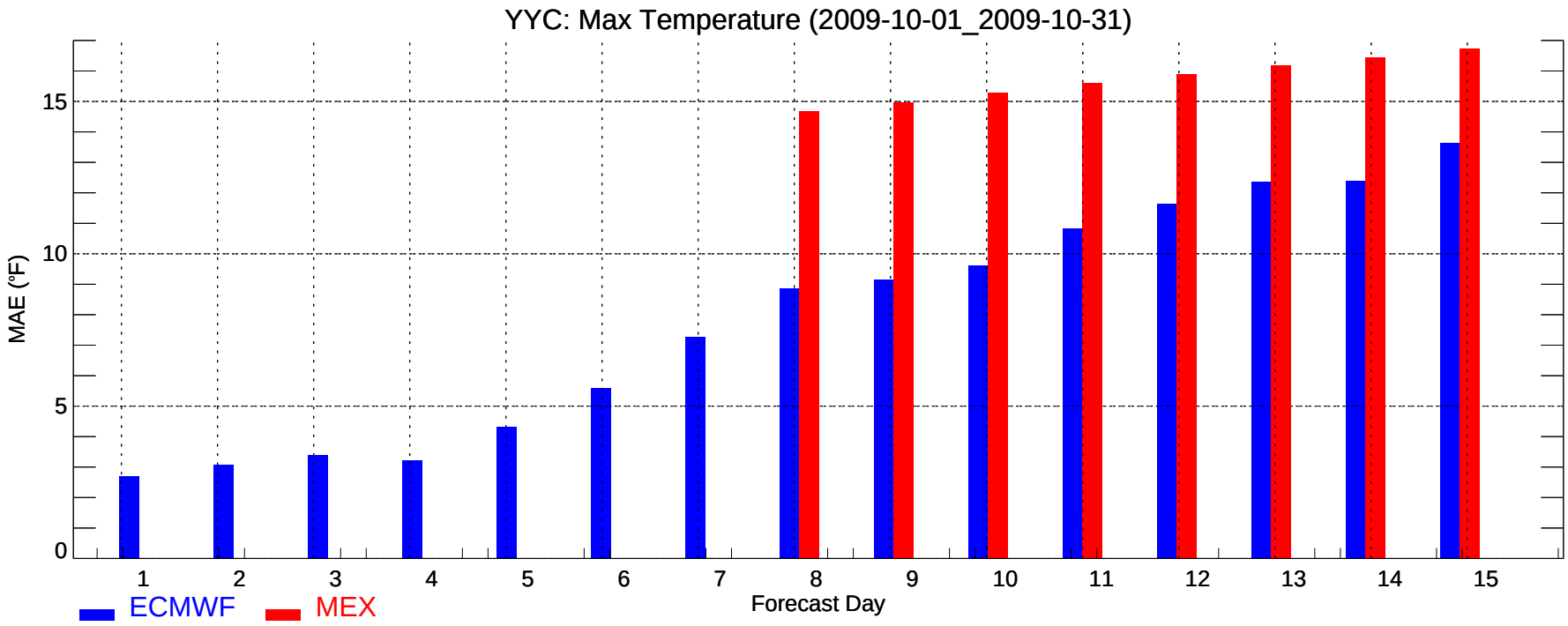
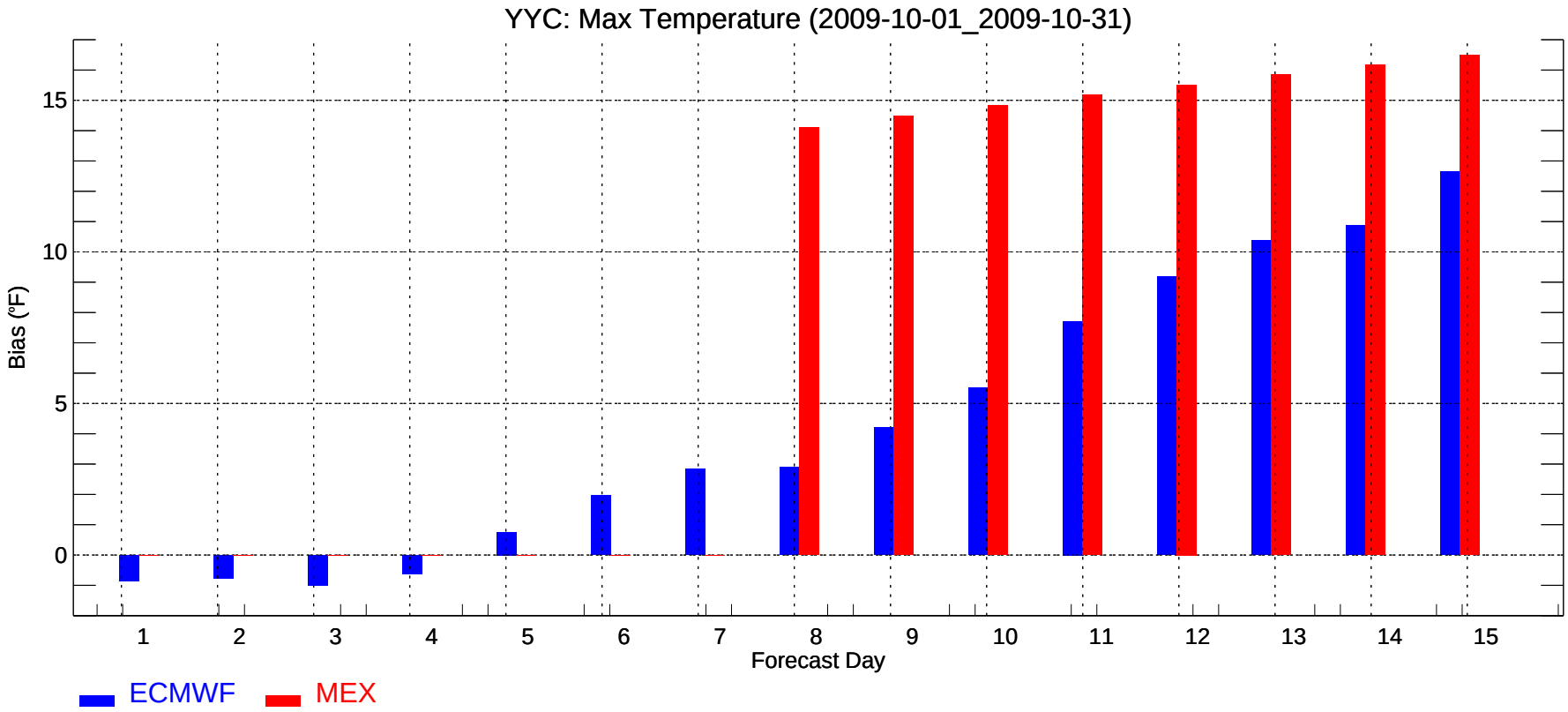
Forecast Day
ECMWF
MEX


YXD: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
8
6
4
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYC: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
5
10
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYC: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
5
10
15
1
2
3
4
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6
7
8
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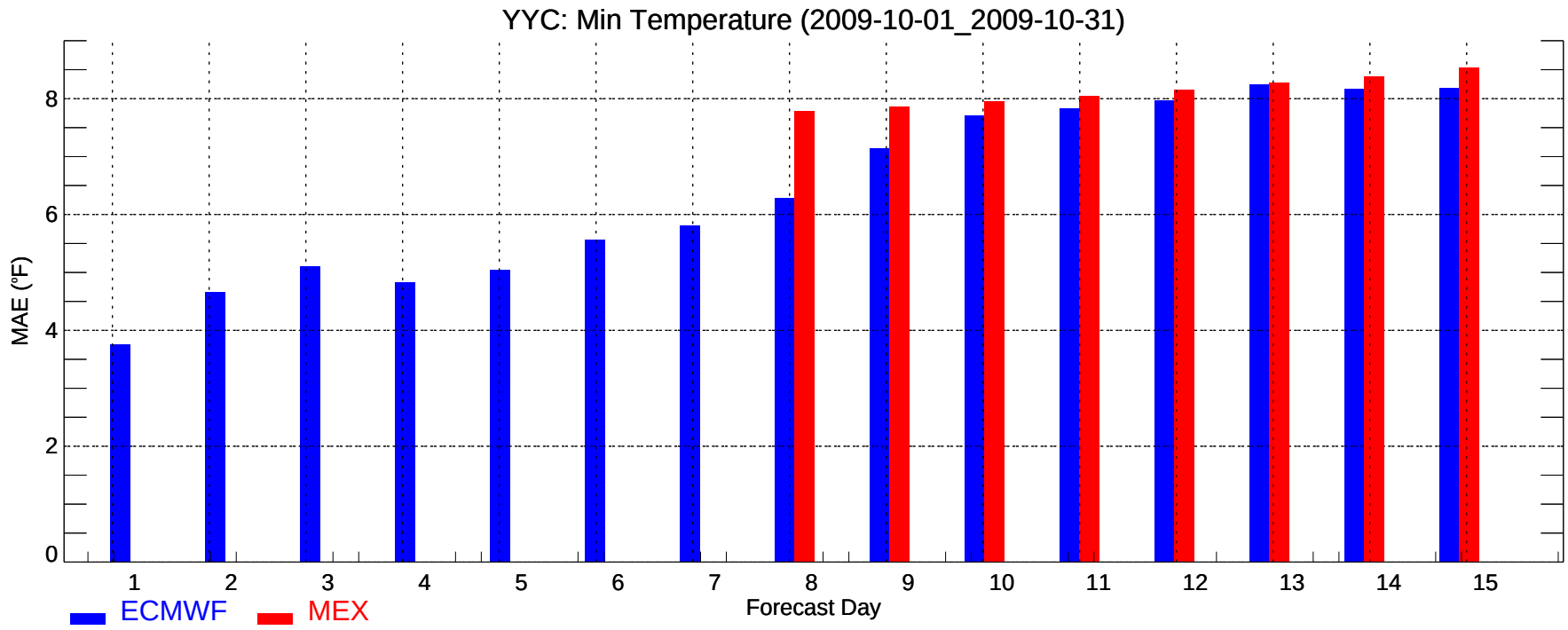
13
14
15
Forecast Day
ECMWF
MEX


YYC: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
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4
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6
7
8
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13
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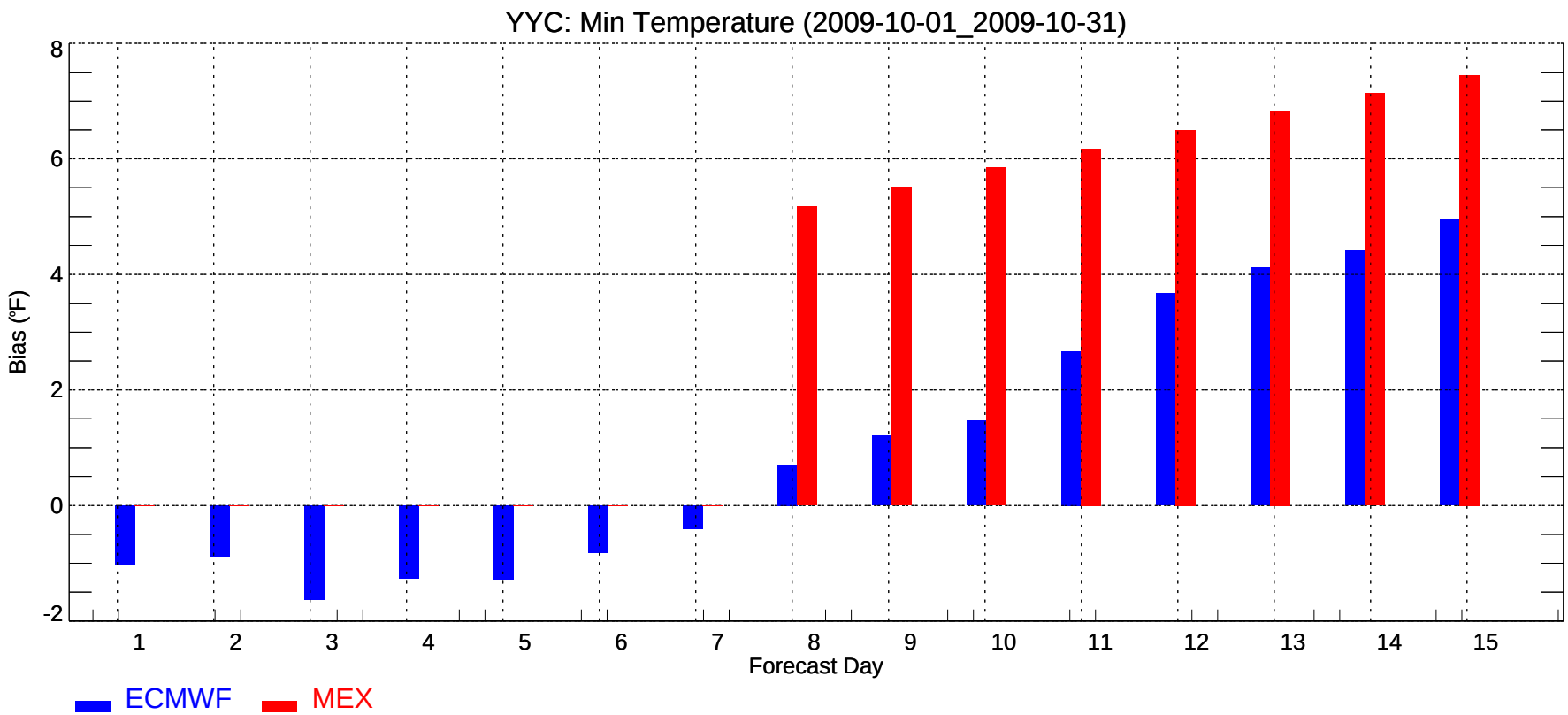
Forecast Day
ECMWF
MEX


YYC: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
0
2
4
6
8
1
2
3
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5
6
7
8
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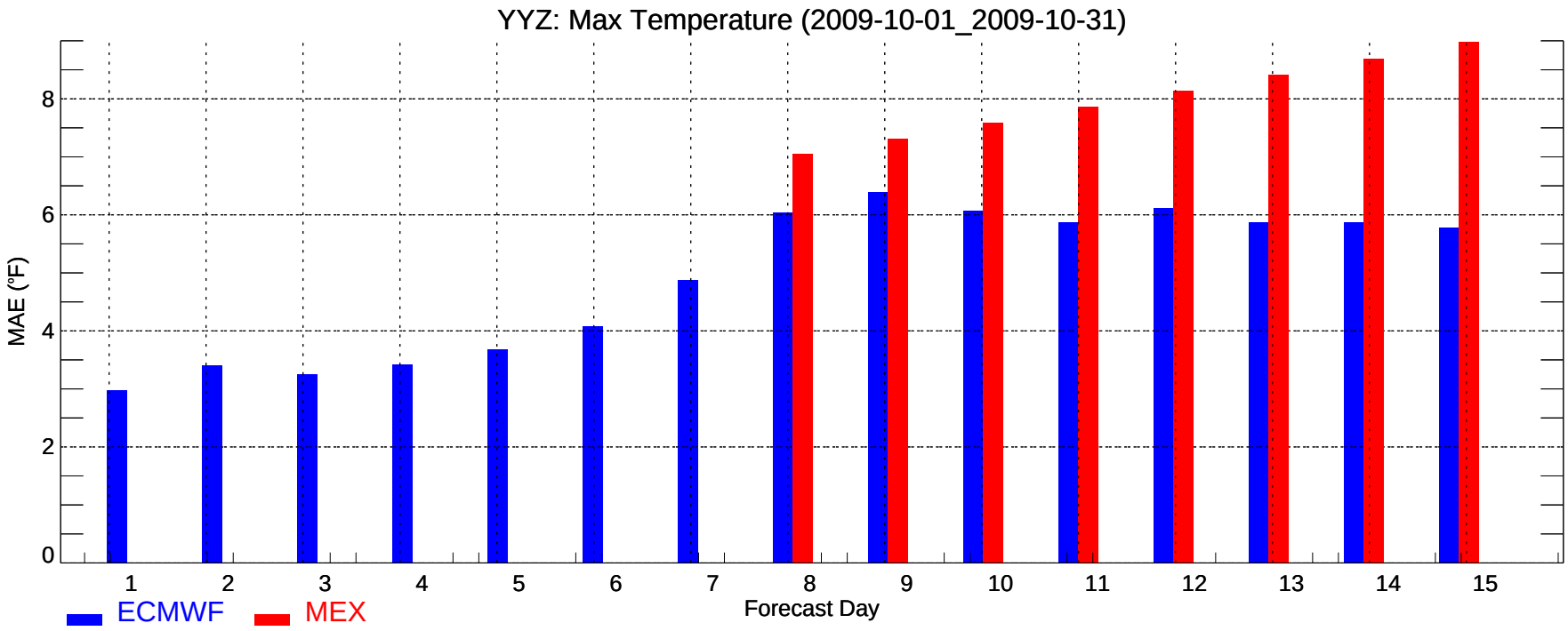
12
13
14
15
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
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4
6
8
1
2
3
4
5
6
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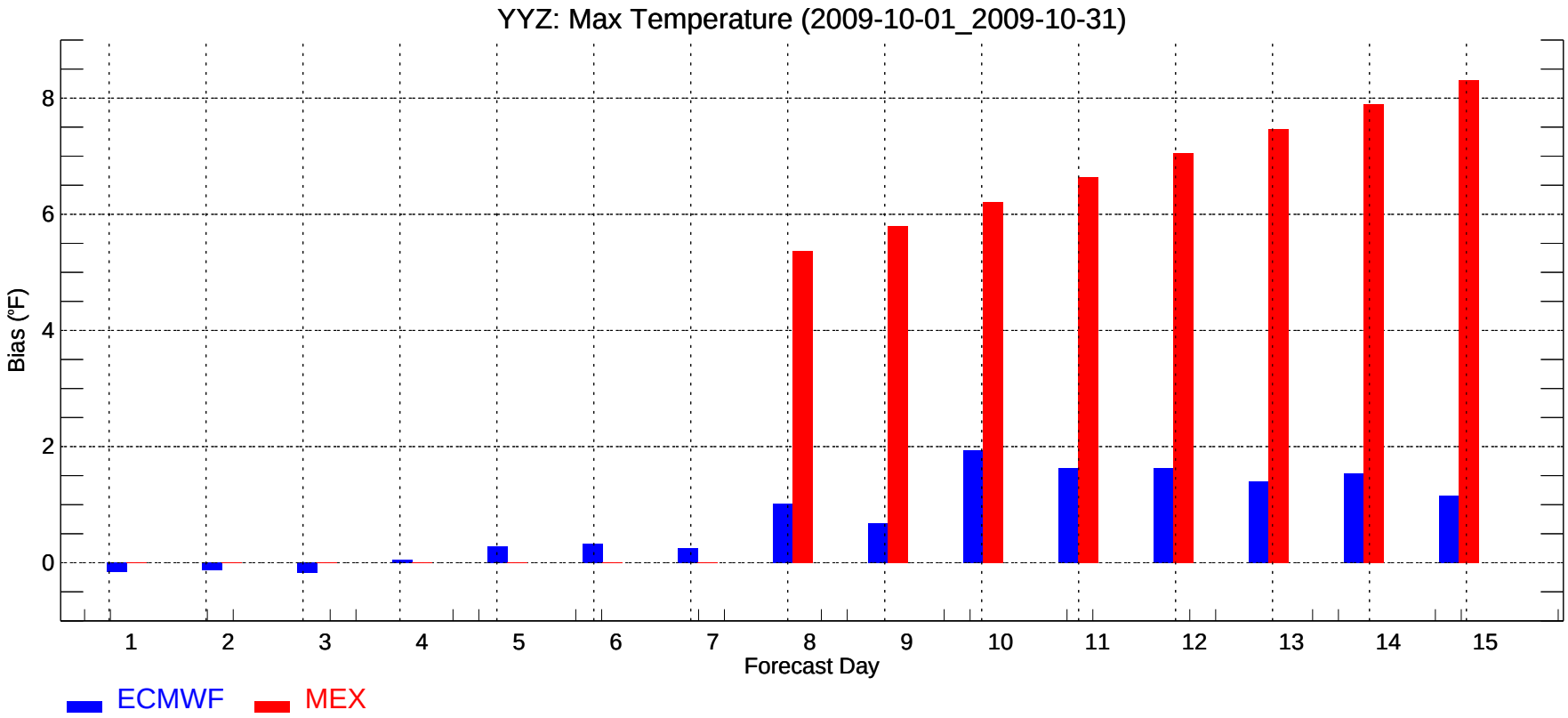
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2009-10-01_2009-10-31)
Bias (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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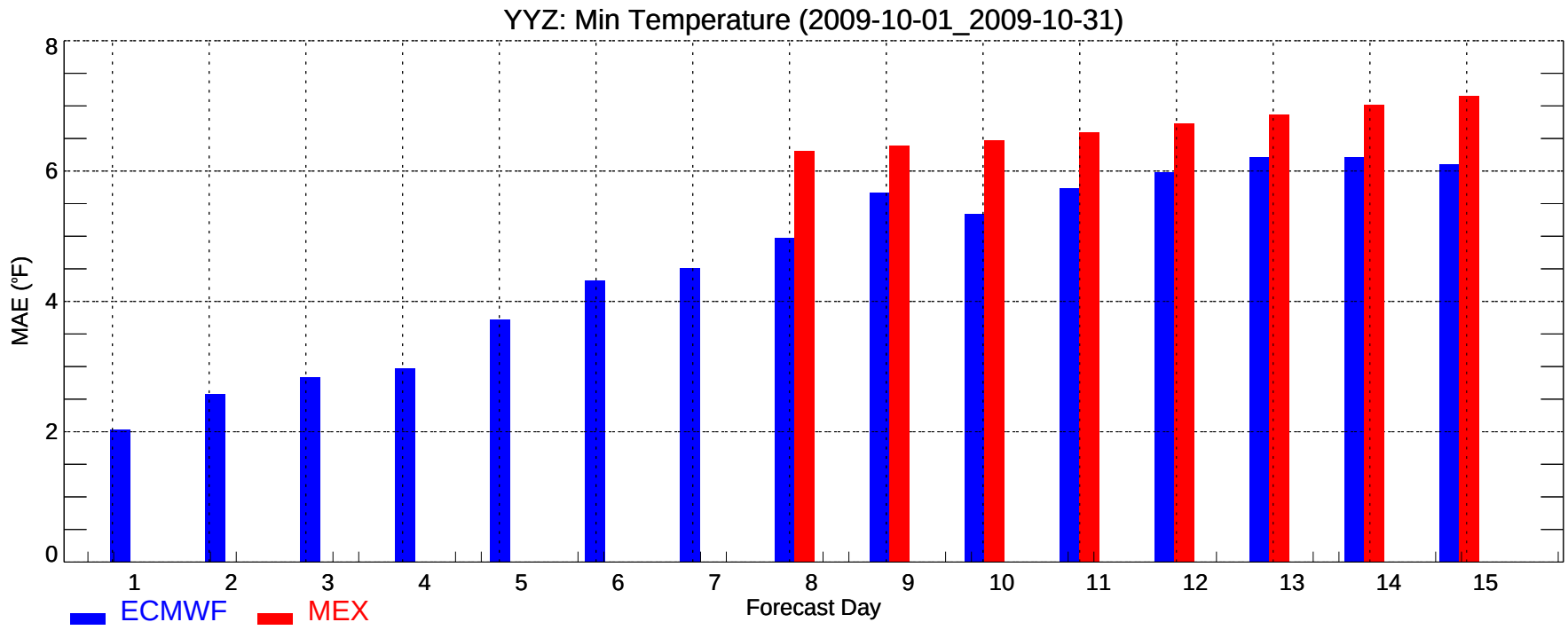
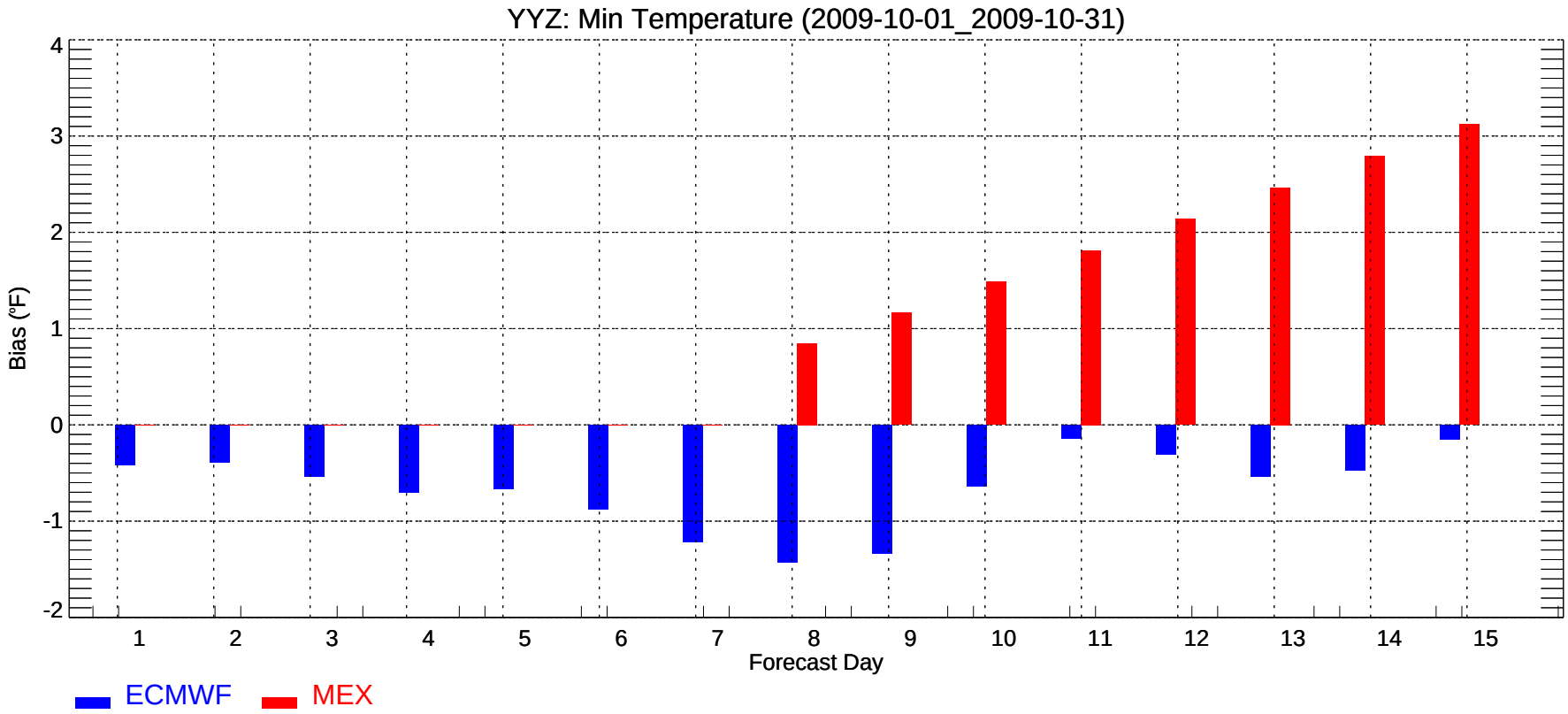
Forecast Day
ECMWF
MEX


YYZ: Min Temperature (2009-10-01_2009-10-31)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYZ: Min Temperature (2009-10-01_2009-10-31)
Bias (°F)
-2
-1
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX