eCast Monthly All Stations Report for 2008-11-01 ~ 2008-11-30

December 16, 2008

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ECMWF/MEX MAX Temperature Regional Summary

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

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ALL	-0.14	2.9/2.8	5.7/5.2	7.3/6.6	7.7/6.9	8.0/7.2	8.2/7.1	8.3/7.2	8.2/7.3	8.3/7.3	8.2/7.3	8.2/7.3	8.4/7.3	8.6/7.3	8.6/7.3	8.5/7.3

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

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ALL	-3.32	0.3/1.1	-0.1/0.7	-0.6/0.4	-1.2/-0.5	-2.0/-1.2	-2.7/-1.8	-3.3/-2.2	-3.8/0.5	-4.3/0.5	-4.6/0.5	-4.9/0.5	-5.3/0.5	-5.6/0.5	-5.8/0.5	-6.0/0.5

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

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

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

avg_bias: average of ECMWF-value

ECMWF/MEX MIN Temperature Regional Summary

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

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ALL	-0.16	3.0/0.0	5.3/4.0	7.1/6.4	7.7/7.2	7.9/7.2	8.0/7.2	7.9/6.7	7.9/6.8	7.9/6.8	7.8/6.8	7.9/6.8	8.0/6.8	8.2/6.8	8.3/6.8	8.2/--

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

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ALL	-3.75	-0.3/0.0	-0.6/0.9	-1.1/0.6	-1.7/0.3	-2.4/-0.2	-3.1/-0.7	-3.7/-1.3	-4.3/-0.8	-4.8/-0.8	-5.0/-0.8	-5.2/-0.8	-5.6/-0.8	-6.0/-0.8	-6.3/-0.8	-6.2/--

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

ECMWF/MEX MAX Temperature in ALL

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

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	-0.18	3.5/3.4	6.6/6.2	7.6/6.8	8.3/7.1	9.2/7.3	9.1/6.3	8.5/5.9	8.0/7.8	8.9/7.8	8.4/7.8	8.7/7.8	9.4/7.8	10.0/7.8	9.8/7.8	9.1/7.8
ABI	-0.05	1.9/3.1	6.5/6.2	7.9/8.0	7.9/7.4	7.5/7.1	6.5/8.6	6.4/9.1	7.7/6.4	7.7/6.4	7.2/6.4	7.1/6.4	7.5/6.4	7.9/6.4	7.9/6.4	8.2/6.4
ABQ	-0.29	2.6/2.7	5.5/4.3	7.3/5.6	7.9/6.0	7.4/6.3	5.8/6.2	5.8/5.7	6.7/5.4	7.2/5.4	7.6/5.4	7.7/5.4	7.6/5.4	8.3/5.4	8.3/5.4	8.0/5.4
ABY	-0.21	1.9/2.8	5.6/5.8	6.7/7.3	6.5/6.4	6.9/6.0	7.1/6.2	8.2/6.5	7.9/5.6	7.7/5.6	7.2/5.6	7.6/5.6	7.9/5.6	8.3/5.6	7.9/5.6	7.7/5.6
ACT	-0.10	1.8/3.2	6.2/5.9	6.5/7.1	6.9/6.9	7.1/6.8	6.6/6.8	6.4/8.3	6.4/5.8	6.9/5.8	7.3/5.8	7.4/5.8	7.5/5.8	7.5/5.8	7.6/5.8	7.8/5.8
ACY	-0.31	3.0/2.3	5.3/4.8	7.1/6.2	7.4/6.7	7.2/6.2	7.9/6.2	8.3/5.8	8.3/6.6	9.2/6.6	8.9/6.6	8.8/6.6	9.4/6.6	9.6/6.6	9.7/6.6	9.3/6.6
ALB	-0.16	2.5/3.6	5.9/6.2	8.5/7.7	10.1/8.3	10.8/9.3	10.1/8.5	9.5/8.3	9.4/8.3	9.8/8.3	9.6/8.3	10.2/8.3	10.7/8.3	11.1/8.3	10.9/8.3	10.2/8.3
ALW	-0.25	4.7/2.6	5.6/4.7	5.6/5.4	5.3/5.5	5.6/5.3	5.3/4.4	5.0/4.9	5.4/4.1	5.4/4.1	5.5/4.1	4.9/4.1	4.9/4.1	5.3/4.1	5.6/4.1	5.7/4.1
AOO	0.06	3.8/3.0	6.7/6.4	7.8/7.2	7.8/6.8	7.5/6.5	7.7/6.2	7.3/5.8	7.3/9.8	8.0/9.8	7.0/9.8	7.2/9.8	7.2/9.8	7.1/9.8	7.2/9.8	7.2/9.8
APN	-0.24	3.1/2.4	6.2/5.5	8.9/7.2	9.5/7.3	9.3/7.0	9.7/7.6	9.1/7.9	9.1/7.2	8.7/7.2	9.3/7.2	8.7/7.2	9.0/7.2	8.8/7.2	8.8/7.2	8.4/7.2
ATL	-0.12	2.9/2.7	5.6/6.0	6.9/6.4	7.0/6.4	7.0/5.8	7.4/7.0	7.7/6.2	6.9/6.4	6.8/6.4	7.4/6.4	7.4/6.4	7.7/6.4	7.9/6.4	7.5/6.4	7.2/6.4
AUG	-0.26	3.2/2.3	5.7/5.9	8.9/7.1	10.1/8.8	10.6/9.6	10.3/9.2	10.4/8.8	10.5/8.3	10.4/8.3	10.7/8.3	11.0/8.3	11.2/8.3	11.7/8.3	12.0/8.3	11.7/8.3
AUS	-0.06	2.7/2.7	5.1/5.5	7.1/7.4	7.5/7.7	7.4/7.4	7.0/8.1	7.1/10.3	7.5/6.8	7.7/6.8	8.3/6.8	8.3/6.8	8.5/6.8	8.4/6.8	8.1/6.8	8.1/6.8
AVP	-0.08	2.6/2.6	5.4/5.4	6.5/6.8	7.8/6.9	9.0/8.1	9.3/7.1	8.4/7.0	8.1/7.9	8.6/7.9	8.3/7.9	8.4/7.9	8.4/7.9	8.5/7.9	8.6/7.9	8.4/7.9
BDL	-0.18	2.8/3.4	7.0/5.9	8.7/7.4	9.0/7.0	8.9/8.6	8.8/6.8	8.7/6.9	7.7/7.4	8.4/7.4	8.3/7.4	8.9/7.4	9.2/7.4	9.9/7.4	10.1/7.4	9.5/7.4
BFL	-0.26	3.6/3.4	5.2/5.9	6.8/6.7	7.4/7.2	7.7/6.7	7.5/6.9	7.3/6.8	7.2/5.2	7.6/5.2	8.2/5.2	8.2/5.2	7.9/5.2	7.6/5.2	7.1/5.2	6.5/5.2
BGM	-0.10	3.1/2.9	5.5/5.3	8.1/7.9	9.3/8.3	10.2/9.0	10.5/8.9	10.0/8.7	9.3/9.3	9.9/9.3	10.1/9.3	10.4/9.3	10.6/9.3	10.8/9.3	10.9/9.3	10.5/9.3
BHM	-0.20	2.0/2.2	5.9/6.2	6.8/6.6	6.9/6.7	7.5/6.7	8.1/6.8	8.6/7.2	7.3/5.9	7.0/5.9	8.1/5.9	8.1/5.9	8.0/5.9	8.1/5.9	8.0/5.9	7.9/5.9
BIS	-0.12	3.7/4.2	7.1/7.3	9.0/9.9	10.1/9.1	11.1/10.8	11.9/9.8	11.7/10.1	12.0/9.5	11.1/9.5	10.9/9.5	10.3/9.5	10.7/9.5	11.0/9.5	11.5/9.5	12.2/9.5
BNA	-0.01	1.5/2.7	5.5/5.9	7.5/7.6	8.1/7.3	7.7/8.3	8.6/7.7	9.2/7.2	8.4/7.9	8.0/7.9	8.1/7.9	8.2/7.9	8.2/7.9	8.3/7.9	8.1/7.9	7.9/7.9
BOI	-0.24	3.0/2.3	7.0/4.2	7.4/4.8	7.3/6.0	6.9/5.9	6.2/4.9	5.3/4.4	6.0/5.4	6.5/5.4	6.2/5.4	5.8/5.4	6.0/5.4	6.3/5.4	6.4/5.4	6.7/5.4
BOS	-0.24	2.6/3.3	5.7/5.6	8.1/7.6	9.2/8.0	9.1/8.4	9.2/7.7	9.5/8.2	9.3/7.6	10.0/7.6	10.3/7.6	10.4/7.6	10.8/7.6	11.4/7.6	11.7/7.6	11.4/7.6
BRO	0.01	2.5/3.3	4.9/6.1	5.3/6.1	5.1/6.0	4.9/5.4	5.8/5.8	5.6/5.7	5.0/4.5	4.3/4.5	4.3/4.5	4.9/4.5	5.1/4.5	5.0/4.5	5.1/4.5	5.2/4.5
BTV	-0.19	2.0/3.8	5.5/6.2	8.3/8.7	10.3/9.2	11.2/10.4	11.6/10.2	11.4/8.9	11.0/8.6	11.2/8.6	11.1/8.6	11.6/8.6	11.9/8.6	12.3/8.6	12.2/8.6	12.0/8.6
BUF	-0.14	3.3/2.4	5.5/5.1	7.4/7.0	9.1/7.8	9.7/8.2	10.0/8.8	9.8/8.7	9.5/9.2	9.7/9.2	9.4/9.2	10.5/9.2	10.8/9.2	10.8/9.2	10.9/9.2	10.6/9.2
BUR	-0.12	1.9/2.5	3.9/4.6	6.9/7.7	8.3/9.0	9.4/9.1	9.7/8.3	9.0/9.0	9.0/7.7	9.3/7.7	9.1/7.7	9.8/7.7	10.2/7.7	10.5/7.7	10.4/7.7	9.7/7.7
BWI	-0.16	2.9/3.0	6.7/6.0	7.5/6.6	7.3/6.6	7.3/6.8	7.8/6.8	7.5/5.8	7.9/7.7	8.8/7.7	8.8/7.7	9.0/7.7	9.4/7.7	9.6/7.7	9.7/7.7	9.8/7.7
CAE	-0.01	2.4/3.9	6.1/6.8	8.1/8.2	7.1/7.1	7.1/6.7	7.3/5.8	7.5/5.4	7.0/7.8	7.4/7.8	7.4/7.8	7.4/7.8	8.3/7.8	8.4/7.8	8.2/7.8	7.9/7.8
CHA	-0.06	2.7/2.6	5.6/5.8	6.7/5.9	7.2/6.5	7.6/6.7	7.6/6.8	7.9/6.7	7.0/7.0	6.8/7.0	7.3/7.0	7.2/7.0	7.1/7.0	7.4/7.0	7.3/7.0	7.1/7.0
CLE	-0.02	2.6/3.0	5.4/5.1	8.3/7.4	9.6/8.5	9.9/9.3	10.8/9.2	10.7/9.4	10.2/10.3	10.1/10.3	9.9/10.3	9.9/10.3	10.0/10.3	9.9/10.3	10.0/10.3	9.8/10.3
CLT	0.02	2.5/3.4	5.7/6.1	7.5/8.0	7.4/7.1	7.5/6.9	7.1/5.7	6.6/5.7	6.6/8.1	6.8/8.1	7.4/8.1	7.6/8.1	8.3/8.1	8.6/8.1	8.3/8.1	8.1/8.1
CMH	0.02	2.5/3.1	4.8/5.7	7.5/6.8	8.2/7.6	9.1/8.9	9.8/9.4	10.7/10.0	10.4/10.2	10.3/10.2	9.8/10.2	9.9/10.2	9.7/10.2	9.8/10.2	9.9/10.2	9.7/10.2
CON	-0.03	2.4/5.2	5.9/7.2	8.2/8.0	10.0/8.7	10.7/9.6	9.9/9.3	10.1/8.7	9.7/9.1	9.3/9.1	9.0/9.1	9.5/9.1	10.0/9.1	10.8/9.1	10.8/9.1	10.2/9.1
COS	-0.15	3.4/3.4	8.6/8.5	11.7/11.7	11.3/11.8	12.1/12.2	10.2/11.1	11.3/10.8	11.7/9.9	12.2/9.9	11.9/9.9	12.6/9.9	13.3/9.9	13.2/9.9	12.9/9.9	13.5/9.9
COU	-0.10	2.5/4.2	7.9/7.0	10.0/8.5	10.4/9.3	11.1/9.9	11.9/10.2	11.7/10.3	11.5/9.6	11.2/9.6	10.7/9.6	10.5/9.6	10.5/9.6	10.6/9.6	10.6/9.6	10.6/9.6
CQT	0.00	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0
CRP	-0.04	1.9/2.1	4.4/5.0	5.4/6.3	6.0/5.4	5.4/5.8	5.8/5.8	6.0/7.2	6.1/5.4	5.5/5.4	5.6/5.4	6.0/5.4	6.3/5.4	6.4/5.4	6.5/5.4	6.7/5.4
CRW	0.06	2.0/2.0	5.2/5.7	7.1/7.8	8.1/9.0	9.3/9.3	10.0/10.1	10.8/9.8	10.7/10.8	10.2/10.8	9.6/10.8	9.9/10.8	9.5/10.8	9.7/10.8	9.8/10.8	9.8/10.8
CVG	-0.01	1.7/2.8	5.2/6.2	7.6/7.6	9.1/8.3	9.0/9.3	9.8/9.8	11.3/10.5	10.8/9.5	10.6/9.5	9.9/9.5	10.1/9.5	9.9/9.5	10.2/9.5	10.0/9.5	10.0/9.5
DAY	-0.01	2.0/3.7	4.7/5.7	7.8/7.1	9.4/8.1	9.5/8.6	10.1/9.6	11.3/10.5	10.9/9.9	10.7/9.9	10.1/9.9	10.2/9.9	9.8/9.9	10.0/9.9	10.0/9.9	10.0/9.9
DBQ	-0.16	2.1/2.3	6.0/5.3	8.8/6.9	9.1/8.0	9.8/8.8	11.1/9.4	10.9/9.8	10.8/8.3	10.0/8.3	9.5/8.3	9.4/8.3	9.7/8.3	9.9/8.3	10.0/8.3	10.0/8.3
DCA	-0.01	2.5/2.9	6.2/5.1	7.1/5.9	6.7/6.3	6.8/6.2	6.9/5.6	6.5/4.5	6.4/8.0	7.1/8.0	6.5/8.0	6.6/8.0	7.0/8.0	7.4/8.0	7.3/8.0	7.3/8.0
DEC	0.01	2.0/4.1	5.5/5.6	7.9/7.4	8.5/7.9	8.8/8.7	10.4/8.8	11.4/9.9	10.9/9.4	10.1/9.4	9.5/9.4	9.0/9.4	8.4/9.4	8.8/9.4	8.6/9.4	8.8/9.4
DEN	-0.10	3.8/3.1	9.7/9.1	12.7/12.9	11.5/12.3	11.2/12.9	9.9/11.3	10.9/11.0	11.5/10.2	11.9/10.2	11.4/10.2	11.5/10.2	12.6/10.2	12.5/10.2	12.6/10.2	12.9/10.2
DFW	-0.05	1.4/2.7	7.0/6.1	7.0/6.4	8.4/7.4	9.4/8.0	8.9/8.8	7.9/9.4	7.8/7.4	8.3/7.4	7.9/7.4	8.2/7.4	8.3/7.4	8.4/7.4	8.3/7.4	8.2/7.4
DLH	-0.07	2.0/4.0	5.0/5.6	7.8/6.9	7.7/7.4	7.9/6.4	8.7/7.4	8.8/8.6	8.6/7.2	8.3/7.2	8.3/7.2	8.0/7.2	8.1/7.2	8.2/7.2	8.3/7.2	8.5/7.2
DSM	-0.09	2.5/2.9	7.0/6.2	9.1/8.0	9.2/8.8	10.6/9.1	11.5/10.4	11.7/10.6	11.9/9.7	11.2/9.7	10.7/9.7	10.1/9.7	10.0/9.7	10.1/9.7	10.2/9.7	10.6/9.7
DTW	-0.01	3.1/3.6	4.7/4.2	6.0/6.6	7.0/6.3	8.0/7.8	9.3/7.8	9.1/8.6	9.1/8.4	8.8/8.4	8.1/8.4	7.9/8.4	8.0/8.4	8.1/8.4	8.2/8.4	8.0/8.4
ELP	-0.35	3.2/2.3	6.2/4.7	6.9/6.2	6.5/5.5	6.0/5.3	4.6/6.0	5.1/6.6	6.7/5.0	6.9/5.0	8.3/5.0	8.1/5.0	7.7/5.0	8.2/5.0	8.1/5.0	8.1/5.0
ERI	-0.03	2.8/2.8	5.2/5.9	7.5/7.1	8.9/8.0	9.6/9.1	10.1/8.6	9.9/8.9	9.2/9.6	9.4/9.6	9.6/9.6	9.6/9.6	9.7/9.6	9.6/9.6	9.7/9.6	9.6/9.6
EUG	-0.23	5.4/2.4	6.4/4.7	6.7/5.3	7.3/6.1	6.7/5.3	6.3/5.1	5.6/4.9	5.2/5.1	5.3/5.1	5.5/5.1	5.5/5.1	5.6/5.1	5.7/5.1	5.8/5.1	5.7/5.1
EVV	0.01	2.1/3.2	5.7/5.1	8.4/8.2	9.7/8.6	8.5/8.8	9.4/8.7	10.4/9.2	10.0/9.1	9.2/9.1	8.7/9.1	8.5/9.1	8.6/9.1	8.7/9.1	8.6/9.1	8.7/9.1
EWR	-0.27	2.7/2.2	5.4/5.3	7.2/6.7	7.4/6.4	8.1/7.2	8.4/6.7	8.5/6.4	8.4/7.0	8.9/7.0	8.9/7.0	9.3/7.0	9.8/7.0	10.2/7.0	10.3/7.0	10.0/7.0
FAR	-0.22	3.3/3.3	6.4/6.2	8.7/8.3	9.3/8.8	10.9/8.9	11.2/9.4	11.2/9.6	11.6/8.4	10.6/8.4	10.7/8.4	10.7/8.4	11.0/8.4	11.0/8.4	10.9/8.4	11.6/8.4
FAT	-0.12	2.4/2.8	3.6/3.6	5.6/5.3	6.4/5.6	6.8/5.7	7.1/6.0	6.9/5.5	6.5/5.8	6.7/5.8	6.8/5.8	7.3/5.8	6.9/5.8	6.6/5.8	6.2/5.8	5.8/5.8
FLG	-0.13	3.8/2.6	5.0/4.1	6.0/6.3	7.3/8.4	7.8/8.6	7.8/8.4	8.1/7.7	8.3/8.1	9.0/8.1	10.2/8.1	10.4/8.1	10.2/8.1	9.9/8.1	10.0/8.1	9.8/8.1
FMY	0.02	1.8/1.8	3.5/4.2	4.4/5.0	4.5/4.5	5.0/5.1	5.2/5.8	5.5/5.3	6.0/5.2	5.8/5.2	5.0/5.2	5.0/5.2	5.0/5.2	5.0/5.2	4.9/5.2	4.8/5.2
FSD	-0.15	3.4/3.2	6.4/6.5	8.6/9.0	9.1/9.7	11.4/8.8	11.9/10.2	12.0/10.5	12.1/8.9	11.1/8.9	10.4/8.9	9.9/8.9	10.0/8.9	10.4/8.9	10.7/8.9	11.8/8.9
FWA	-0.01	2.0/3.3	4.9/4.9	7.4/6.6	9.5/8.3	9.5/8.5	9.9/8.8	10.9/9.4	10.6/9.7	10.4/9.7	9.6/9.7	9.5/9.7	9.1/9.7	9.2/9.7	9.2/9.7	9.2/9.7

GAD	-0.11	3.1/2.3	5.8/6.4	6.9/6.1	6.9/6.4	7.4/6.4	7.9/6.9	7.9/6.6	6.5/6.5	6.5/6.5	7.4/6.5	7.0/6.5	6.9/6.5	7.1/6.5	7.3/6.5	7.2/6.5
GEG	-0.05	2.6/1.8	4.5/4.1	5.9/5.0	6.0/5.1	5.2/5.0	4.8/4.6	4.6/4.1	4.6/5.3	5.0/5.3	5.2/5.3	5.1/5.3	4.9/5.3	5.0/5.3	5.2/5.3	5.2/5.3
GTF	-0.04	4.2/4.0	7.0/6.8	8.6/9.9	9.5/9.2	10.4/9.9	9.0/7.6	7.8/6.2	9.3/9.5	9.9/9.5	10.0/9.5	10.1/9.5	9.9/9.5	9.9/9.5	9.3/9.5	9.4/9.5
HOU	-0.31	2.4/2.9	5.1/5.1	6.2/7.0	6.4/5.8	5.9/6.0	5.8/5.5	6.5/6.6	7.2/4.5	7.2/4.5	7.0/4.5	6.8/4.5	7.4/4.5	7.3/4.5	7.3/4.5	7.3/4.5
HSV	-0.07	2.5/2.2	5.2/5.9	6.4/5.9	6.9/6.6	7.3/6.9	7.9/7.1	8.6/6.9	7.5/7.1	6.8/7.1	7.6/7.1	7.7/7.1	7.4/7.1	7.7/7.1	7.8/7.1	7.6/7.1
IAH	-0.35	2.4/3.0	5.5/5.8	6.4/7.7	6.9/6.0	6.6/6.9	6.7/5.8	7.2/7.5	8.0/4.9	8.2/4.9	7.9/4.9	7.8/4.9	8.4/4.9	8.6/4.9	8.5/4.9	8.6/4.9
ICT	-0.25	3.4/2.3	7.5/5.5	8.4/7.4	8.3/7.1	10.0/8.9	10.7/9.8	9.4/9.8	9.6/7.5	9.3/7.5	9.2/7.5	9.5/7.5	10.1/7.5	10.1/7.5	10.1/7.5	10.6/7.5
ILG	-0.24	2.3/3.2	5.6/4.9	7.1/6.1	7.5/5.9	7.7/6.6	8.3/5.9	7.9/6.2	7.9/6.9	8.8/6.9	8.6/6.9	8.8/6.9	9.2/6.9	9.4/6.9	9.4/6.9	9.4/6.9
IND	-0.01	2.2/4.2	5.4/6.1	7.5/7.2	9.3/7.6	8.9/8.3	10.0/8.8	11.2/9.7	10.7/9.4	10.1/9.4	9.4/9.4	9.3/9.4	8.9/9.4	9.1/9.4	8.9/9.4	9.3/9.4
IPT	-0.16	2.7/2.6	4.8/4.4	6.3/5.4	6.8/5.4	7.0/6.3	7.5/5.6	7.1/5.9	6.5/7.0	7.6/7.0	7.8/7.0	7.8/7.0	8.4/7.0	8.6/7.0	8.8/7.0	8.6/7.0
JAN	-0.20	2.7/2.4	6.0/5.9	7.5/7.3	6.6/6.7	6.7/5.7	6.9/5.7	7.1/7.2	6.8/5.5	7.0/5.5	7.5/5.5	7.3/5.5	7.4/5.5	7.2/5.5	7.3/5.5	7.3/5.5
JAX	-0.06	3.3/2.5	5.4/5.7	7.6/8.3	7.9/9.0	7.8/8.5	8.0/8.7	8.7/8.3	8.7/7.1	8.4/7.1	7.6/7.1	7.4/7.1	8.0/7.1	8.2/7.1	7.9/7.1	7.7/7.1
JFK	-0.21	2.2/2.6	5.1/3.9	6.3/5.5	7.3/5.2	7.8/6.8	8.0/6.2	7.8/6.1	7.6/6.5	8.0/6.5	7.7/6.5	7.7/6.5	8.1/6.5	8.2/6.5	8.1/6.5	8.3/6.5
LAN	-0.00	5.6/5.7	8.2/7.8	10.7/9.8	11.5/10.9	12.5/11.7	13.0/11.2	12.4/11.8	12.4/11.9	12.1/11.9	11.2/11.9	10.9/11.9	10.9/11.9	10.9/11.9	11.0/11.9	10.9/11.9
LAS	-0.30	2.6/2.9	5.0/3.2	5.9/4.4	6.2/5.6	6.4/5.8	6.6/5.8	6.9/5.8	7.1/6.3	8.0/6.3	9.1/6.3	9.2/6.3	9.4/6.3	9.3/6.3	9.4/6.3	9.0/6.3
LAX	-0.15	5.3/3.1	5.9/5.4	7.0/6.9	7.6/7.2	7.8/7.6	7.8/7.0	7.7/7.0	7.7/6.7	7.7/6.7	7.5/6.7	7.6/6.7	7.7/6.7	7.9/6.7	7.8/6.7	7.5/6.7
LEX	0.07	2.2/3.4	5.5/5.7	7.5/7.6	8.4/7.9	8.2/8.6	8.4/8.6	9.8/9.1	9.4/9.4	9.0/9.4	8.4/9.4	8.3/9.4	8.3/9.4	8.5/9.4	8.5/9.4	8.5/9.4
LFK	-0.08	2.7/3.3	5.9/6.8	7.2/8.0	7.2/6.3	6.2/6.0	5.7/5.9	5.6/6.7	6.3/5.4	6.4/5.4	6.5/5.4	6.3/5.4	6.4/5.4	6.5/5.4	6.5/5.4	6.8/5.4
LGA	-0.29	2.6/2.7	5.1/4.6	6.9/6.8	7.7/6.1	8.1/7.0	8.5/6.1	8.2/6.1	8.0/6.7	8.7/6.7	8.7/6.7	9.3/6.7	9.7/6.7	10.1/6.7	10.1/6.7	9.8/6.7
LGB	-0.19	3.6/2.6	5.4/5.5	7.5/7.2	7.9/7.8	8.4/7.7	8.2/7.0	7.7/7.2	7.5/6.6	7.6/6.6	8.0/6.6	8.4/6.6	8.8/6.6	9.1/6.6	9.1/6.6	8.5/6.6
LIT	-0.11	2.1/2.5	5.5/5.7	7.3/6.3	8.4/6.8	8.5/7.1	8.2/7.6	8.0/7.7	7.4/6.7	8.1/6.7	8.4/6.7	7.9/6.7	7.8/6.7	7.2/6.7	7.3/6.7	7.5/6.7
LNS	-0.23	2.2/2.9	5.6/5.5	7.4/6.5	8.0/6.2	8.0/6.8	8.8/6.5	8.3/6.6	7.8/6.9	8.5/6.9	8.7/6.9	8.9/6.9	9.3/6.9	9.7/6.9	10.0/6.9	9.7/6.9
MAF	-0.07	1.7/2.0	6.4/6.7	8.6/8.1	8.3/7.8	6.7/6.4	5.5/8.2	6.3/9.1	7.5/6.0	7.6/6.0	7.3/6.0	6.9/6.0	7.3/6.0	7.2/6.0	7.3/6.0	7.1/6.0
MBA	-0.28	3.2/4.4	7.0/7.0	9.2/8.2	10.7/8.3	10.5/9.8	10.5/8.7	10.4/8.3	10.4/8.1	10.5/8.1	11.1/8.1	11.8/8.1	12.1/8.1	13.0/8.1	12.9/8.1	12.2/8.1
MCI	-0.12	2.4/3.7	7.5/6.1	9.0/8.3	9.1/8.9	10.7/9.2	10.7/9.8	11.5/10.6	11.6/9.2	11.3/9.2	10.8/9.2	10.6/9.2	10.4/9.2	10.5/9.2	10.9/9.2	11.4/9.2
MCN	-0.26	2.7/4.1	5.5/5.7	6.3/6.4	5.7/6.1	5.9/5.3	7.2/5.6	7.6/4.9	6.8/5.2	7.1/5.2	7.2/5.2	7.3/5.2	7.7/5.2	8.0/5.2	7.8/5.2	7.7/5.2
MCO	-0.00	2.2/1.7	4.3/4.7	6.1/6.3	6.7/7.1	6.4/6.9	6.5/7.3	7.2/6.8	7.9/6.5	7.2/6.5	6.2/6.5	5.9/6.5	6.4/6.5	6.3/6.5	6.2/6.5	6.0/6.5
MDT	-0.06	3.4/3.1	6.2/6.3	7.2/6.3	7.4/6.1	7.9/6.8	8.0/6.1	7.4/5.8	6.9/7.7	7.6/7.7	7.3/7.7	7.5/7.7	7.5/7.7	7.5/7.7	7.6/7.7	7.7/7.7
MEM	-0.13	2.2/2.7	5.6/5.2	6.6/6.1	8.0/6.7	8.3/6.8	8.7/6.6	8.9/7.0	8.2/7.4	8.0/7.4	8.4/7.4	8.4/7.4	8.3/7.4	8.2/7.4	8.1/7.4	8.2/7.4
MHT	-0.08	2.3/3.9	5.7/6.5	8.6/8.1	10.1/8.3	10.2/9.8	9.7/8.5	9.8/8.5	9.4/8.7	9.3/8.7	9.3/8.7	9.5/8.7	9.9/8.7	10.7/8.7	10.9/8.7	10.5/8.7
MIA	-0.05	1.5/1.9	2.4/2.9	3.1/3.7	3.4/3.9	3.8/4.0	4.1/4.4	4.4/4.4	4.8/3.5	4.8/3.5	3.9/3.5	3.9/3.5	4.0/3.5	4.0/3.5	4.0/3.5	4.0/3.5
MKE	-0.10	3.1/2.6	5.0/4.9	7.0/6.9	8.0/7.7	8.7/7.9	9.5/8.3	9.7/9.1	9.8/7.5	9.0/7.5	8.2/7.5	8.0/7.5	8.0/7.5	8.0/7.5	7.8/7.5	7.8/7.5
MOB	-0.14	2.8/3.1	6.1/6.7	7.5/7.5	7.2/7.9	7.0/6.9	7.1/7.2	7.5/6.2	8.0/5.9	7.5/5.9	7.2/5.9	7.4/5.9	7.6/5.9	7.7/5.9	7.4/5.9	7.3/5.9
MSP	-0.08	2.4/4.3	5.5/5.0	8.2/7.5	8.0/7.2	9.0/7.8	10.1/8.6	10.2/9.6	10.2/8.4	9.5/8.4	9.3/8.4	9.1/8.4	9.0/8.4	9.3/8.4	9.2/8.4	9.6/8.4
MSY	-0.22	1.7/1.9	5.9/5.4	7.4/6.8	7.0/7.1	7.3/6.7	6.9/6.4	6.9/5.8	7.1/5.0	6.9/5.0	6.6/5.0	6.7/5.0	6.9/5.0	6.6/5.0	6.3/5.0	6.6/5.0
MWL	-0.05	1.9/3.3	6.7/6.3	7.4/7.4	8.4/8.6	8.4/7.3	7.7/8.9	7.1/9.4	7.8/6.8	8.0/6.8	7.7/6.8	7.8/6.8	8.0/6.8	8.1/6.8	8.1/6.8	8.5/6.8
NKX	-0.34	6.8/2.7	7.6/6.0	8.8/8.2	9.5/9.1	9.7/8.8	9.8/8.4	10.1/8.3	10.3/0.0	10.1/0.0	9.3/0.0	9.2/0.0	9.2/0.0	9.2/0.0	9.2/0.0	8.8/0.0
NTU	-0.06	2.4/2.0	6.7/6.4	8.3/8.7	7.7/8.6	7.6/7.8	8.1/7.3	7.8/6.2	8.5/8.6	9.5/8.6	8.6/8.6	8.8/8.6	9.4/8.6	9.4/8.6	9.2/8.6	9.1/8.6
OAK	-0.03	3.5/3.5	3.7/3.7	4.9/5.1	5.8/5.4	6.1/6.0	5.8/6.0	5.7/5.6	5.7/5.2	5.4/5.2	5.2/5.2	5.4/5.2	5.6/5.2	5.5/5.2	5.6/5.2	5.4/5.2
OKC	-0.24	1.8/2.4	7.8/6.7	8.7/7.8	8.9/7.4	10.1/9.0	9.2/9.6	9.3/9.4	9.7/7.1	9.4/7.1	9.5/7.1	10.1/7.1	10.5/7.1	10.3/7.1	10.3/7.1	10.3/7.1
OMA	-0.06	3.1/4.1	7.3/6.7	9.7/8.9	9.0/9.4	10.4/8.8	11.3/10.2	11.4/10.3	11.7/9.2	10.5/9.2	9.6/9.2	8.9/9.2	9.1/9.2	9.3/9.2	9.7/9.2	10.6/9.2
ORD	-0.11	2.4/2.7	5.0/4.6	7.3/7.0	8.7/8.7	9.0/8.4	10.1/8.7	10.7/9.0	10.7/8.0	9.8/8.0	8.9/8.0	8.7/8.0	8.6/8.0	8.8/8.0	8.6/8.0	8.8/8.0
ORH	-0.04	2.2/3.9	5.1/6.2	7.8/8.1	9.5/8.3	10.0/9.7	9.9/8.9	10.0/8.2	9.4/8.9	9.5/8.9	9.2/8.9	9.2/8.9	9.7/8.9	10.5/8.9	10.6/8.9	10.3/8.9
PDT	-0.17	3.7/3.4	6.2/4.7	7.0/6.6	6.7/5.9	6.6/5.8	5.9/4.7	5.4/5.2	5.7/5.4	5.8/5.4	6.7/5.4	6.4/5.4	6.4/5.4	6.7/5.4	6.7/5.4	6.8/5.4
PDX	-0.35	5.6/2.8	6.3/3.8	7.1/4.0	7.1/4.4	6.3/4.1	4.9/3.3	4.3/4.7	4.4/4.4	4.6/4.4	5.5/4.4	5.1/4.4	5.2/4.4	5.4/4.4	5.4/4.4	5.5/4.4
PHL	-0.22	2.6/4.0	5.5/5.3	7.0/6.0	7.3/6.2	7.7/6.4	8.2/6.2	8.2/6.4	8.2/6.9	9.1/6.9	8.8/6.9	8.7/6.9	9.2/6.9	9.4/6.9	9.5/6.9	9.1/6.9
PHX	-0.19	1.7/1.6	3.1/3.4	5.0/5.3	5.6/6.4	5.9/6.3	6.1/6.1	6.1/6.6	6.9/6.2	7.7/6.2	8.8/6.2	9.5/6.2	9.4/6.2	9.3/6.2	9.1/6.2	8.4/6.2
PIR	-0.13	3.8/3.8	7.1/6.4	9.3/9.8	10.3/9.9	11.2/9.7	11.6/10.9	11.7/11.2	11.5/9.0	11.0/9.0	10.6/9.0	9.5/9.0	10.1/9.0	10.4/9.0	10.9/9.0	11.9/9.0
PIT	0.03	2.4/2.6	5.2/5.8	7.4/7.8	8.8/8.5	9.3/8.8	9.7/8.8	10.1/8.6	10.1/11.1	10.5/11.1	10.0/11.1	10.2/11.1	10.4/11.1	10.2/11.1	10.4/11.1	10.3/11.1
PVD	-0.29	2.3/3.6	7.0/5.6	8.3/7.3	8.8/7.0	9.4/8.7	9.5/8.2	9.6/7.1	9.3/7.7	10.0/7.7	10.5/7.7	11.0/7.7	11.3/7.7	11.9/7.7	12.1/7.7	11.6/7.7
PWM	-0.29	1.8/2.3	5.3/4.4	7.7/6.0	9.0/7.5	9.3/8.1	9.1/7.8	9.1/8.2	9.1/7.0	9.0/7.0	9.4/7.0	9.6/7.0	10.1/7.0	10.8/7.0	11.0/7.0	10.7/7.0
RAL	0.00	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0
RAP	-0.04	2.4/5.3	8.8/8.2	11.1/11.3	9.8/11.6	12.5/11.4	13.3/11.7	11.6/11.7	12.1/10.4	12.1/10.4	11.8/10.4	11.6/10.4	11.8/10.4	11.9/10.4	12.0/10.4	11.3/10.4
RBL	0.04	3.2/3.4	4.7/5.3	6.3/7.0	8.0/7.4	8.6/8.2	8.6/8.6	8.3/8.0	7.9/8.7	7.6/8.7	7.3/8.7	7.7/8.7	8.3/8.7	8.6/8.7	8.7/8.7	8.4/8.7
RDD	0.04	3.6/3.2	4.6/5.2	6.3/7.4	7.9/7.5	9.0/8.8	9.5/8.8	8.9/9.0	8.2/9.4	8.5/9.4	8.3/9.4	8.6/9.4	9.1/9.4	9.4/9.4	9.5/9.4	9.1/9.4
RDU	-0.10	2.7/3.3	6.3/5.8	8.8/8.6	8.4/8.2	8.4/8.1	8.6/7.3	8.1/6.8	7.8/8.2	8.9/8.2	8.9/8.2	9.2/8.2	9.9/8.2	10.2/8.2	9.9/8.2	9.8/8.2
RIC	-0.14	2.7/2.4	6.4/5.3	7.4/7.7	6.8/7.2	6.9/6.8	7.4/6.4	7.0/5.9	7.5/6.9	8.3/6.9	7.6/6.9	7.9/6.9	8.4/6.9	8.7/6.9	8.5/6.9	8.4/6.9
RNO	-0.19	2.3/2.5	4.8/4.0	6.9/5.8	8.6/7.6	8.7/7.2	8.6/6.3	7.6/7.2	7.5/6.9	8.0/6.9	7.8/6.9	8.1/6.9	8.8/6.9	9.1/6.9	9.0/6.9	8.3/6.9

ROA	0.05	2.8/2.1	5.9/6.1	7.4/7.3	7.8/7.8	7.5/7.7	7.3/6.8	7.2/6.7	7.3/9.5	7.8/9.5	7.9/9.5	8.1/9.5	8.2/9.5	8.4/9.5	8.4/9.5	8.4/9.5
ROC	-0.07	3.9/2.3	5.2/5.4	7.0/7.5	8.7/8.6	9.3/8.8	9.6/8.8	9.7/8.5	8.7/9.2	8.9/9.2	8.9/9.2	9.5/9.2	9.8/9.2	9.9/9.2	10.0/9.2	9.5/9.2
SAC	-0.09	2.5/2.6	3.9/3.4	4.9/4.6	5.8/4.9	6.1/5.4	6.4/5.2	6.2/5.5	5.9/5.4	6.2/5.4	5.8/5.4	5.9/5.4	5.8/5.4	5.7/5.4	5.5/5.4	5.3/5.4
SAN	-0.24	5.3/2.9	5.7/5.2	7.0/6.3	7.4/6.9	7.5/6.0	7.6/6.0	7.8/5.7	7.8/5.9	7.8/5.9	6.9/5.9	6.8/5.9	7.0/5.9	7.0/5.9	7.0/5.9	6.7/5.9
SAT	-0.12	2.9/3.0	5.5/4.0	5.4/5.7	6.4/6.4	6.9/6.1	7.3/7.0	7.8/9.1	6.8/6.3	6.5/6.3	7.3/6.3	7.8/6.3	8.2/6.3	7.8/6.3	7.9/6.3	7.7/6.3
SAV	-0.12	2.7/2.5	5.3/4.4	7.4/7.5	6.9/6.8	6.6/7.2	7.3/6.8	8.4/6.6	7.7/6.8	8.2/6.8	7.5/6.8	7.6/6.8	8.1/6.8	8.3/6.8	7.8/6.8	7.3/6.8
SDF	0.02	1.8/2.7	5.3/5.6	7.8/7.7	9.5/8.8	8.5/9.1	9.5/9.4	10.7/10.0	10.3/9.3	9.6/9.3	9.0/9.3	8.9/9.3	8.8/9.3	9.1/9.3	8.9/9.3	8.9/9.3
SEA	-0.35	3.4/1.9	4.7/3.3	5.3/4.2	5.8/4.3	5.2/3.9	4.4/3.2	3.7/3.8	3.6/3.7	4.0/3.7	5.1/3.7	5.1/3.7	5.5/3.7	5.7/3.7	5.5/3.7	5.8/3.7
SFO	-0.08	2.8/2.6	2.9/3.2	4.2/4.6	5.1/4.9	5.5/5.3	5.5/5.4	5.1/5.1	5.1/4.3	4.8/4.3	4.6/4.3	4.9/4.3	5.2/4.3	5.0/4.3	5.1/4.3	5.0/4.3
SJC	-0.11	2.7/2.9	3.9/4.1	6.2/5.9	7.6/6.5	8.3/7.1	8.2/7.0	7.7/7.1	7.2/6.1	7.1/6.1	6.6/6.1	6.8/6.1	7.1/6.1	7.1/6.1	7.0/6.1	6.7/6.1
SJT	0.03	1.7/2.0	5.3/6.0	6.7/7.7	7.6/6.8	7.3/7.0	6.2/8.8	6.0/9.5	7.2/6.5	7.5/6.5	6.7/6.5	6.5/6.5	6.8/6.5	6.9/6.5	7.1/6.5	7.1/6.5
SLC	-0.34	4.1/2.8	7.3/5.1	8.7/5.6	8.5/6.3	8.1/5.7	7.5/5.0	7.1/5.3	6.6/6.0	6.9/6.0	7.2/6.0	7.1/6.0	7.5/6.0	7.8/6.0	8.4/6.0	8.6/6.0
SSI	-0.10	4.6/3.1	6.9/6.2	8.2/8.7	7.7/8.1	7.8/8.0	9.2/8.1	10.4/7.9	9.8/7.6	9.5/7.6	7.9/7.6	7.7/7.6	7.8/7.6	7.6/7.6	7.1/7.6	6.9/7.6
STL	-0.08	1.9/4.1	8.0/6.4	9.7/8.8	9.7/8.8	10.7/9.7	11.5/9.3	11.9/9.9	11.2/9.2	10.6/9.2	10.2/9.2	9.9/9.2	9.5/9.2	9.6/9.2	9.6/9.2	9.8/9.2
SYR	-0.03	2.6/4.2	5.6/7.0	8.3/8.1	9.7/8.9	10.8/9.1	11.0/8.5	10.4/8.6	9.6/9.8	10.2/9.8	10.0/9.8	10.2/9.8	10.2/9.8	10.2/9.8	10.4/9.8	10.3/9.8
TLH	-0.09	4.3/3.1	5.7/6.4	6.9/7.2	7.3/7.7	7.2/7.6	7.8/8.0	8.6/7.3	8.6/6.9	8.1/6.9	7.5/6.9	8.2/6.9	7.9/6.9	8.0/6.9	7.7/6.9	7.5/6.9
TPA	-0.03	2.6/2.1	4.2/3.9	5.1/5.2	5.4/6.0	5.7/6.6	5.8/6.8	6.0/5.9	6.6/5.4	6.1/5.4	5.6/5.4	5.6/5.4	5.6/5.4	5.6/5.4	5.7/5.4	5.6/5.4
TRM	-0.20	2.7/2.2	4.2/3.7	5.4/5.6	6.5/7.1	7.0/7.3	7.2/6.9	7.1/6.5	7.4/6.2	7.8/6.2	8.2/6.2	8.7/6.2	8.7/6.2	8.7/6.2	8.5/6.2	7.8/6.2
TUL	-0.18	3.6/3.0	8.2/6.8	9.6/8.3	9.2/8.5	10.5/8.9	9.5/9.0	10.1/9.7	10.4/8.4	10.2/8.4	10.0/8.4	9.9/8.4	10.3/8.4	10.5/8.4	10.4/8.4	10.8/8.4
TUS	-0.19	2.3/2.3	5.3/4.6	7.2/7.1	8.3/7.8	7.7/8.1	6.7/7.6	7.0/7.2	8.1/6.9	9.1/6.9	9.9/6.9	10.0/6.9	10.2/6.9	9.8/6.9	9.2/6.9	8.5/6.9
TYR	-0.18	2.4/3.2	6.2/7.0	7.1/7.4	7.0/6.4	6.5/6.4	6.6/5.8	6.5/7.2	6.6/5.2	7.0/5.2	7.3/5.2	7.1/5.2	7.2/5.2	7.1/5.2	7.2/5.2	7.6/5.2
TYS	-0.05	3.1/2.9	6.1/6.1	7.2/6.3	7.6/7.1	7.4/6.8	7.5/6.7	8.3/6.9	7.8/7.7	7.3/7.7	7.7/7.7	7.7/7.7	8.1/7.7	8.2/7.7	7.8/7.7	7.7/7.7
VCT	-0.05	2.2/2.4	4.6/5.1	5.6/6.5	6.4/5.7	5.8/6.3	5.7/6.5	6.6/8.7	6.8/5.8	6.7/5.8	6.5/5.8	6.5/5.8	6.8/5.8	6.9/5.8	7.0/5.8	7.1/5.8
WJF	-0.07	2.1/3.1	3.8/5.1	6.5/6.2	8.1/7.4	8.8/8.3	9.3/8.5	9.4/9.2	9.7/8.5	10.0/8.5	10.1/8.5	10.1/8.5	10.1/8.5	10.0/8.5	9.9/8.5	9.1/8.5
YKM	-0.05	4.6/4.5	6.8/5.8	7.0/5.8	6.0/6.2	6.5/6.3	5.8/5.0	5.8/5.9	6.1/6.0	6.5/6.0	6.5/6.0	5.6/6.0	5.7/6.0	6.1/6.0	6.1/6.0	6.4/6.0
YNG	0.03	2.7/2.6	4.7/5.2	7.6/7.4	9.1/8.5	9.7/9.2	10.5/9.2	10.5/9.1	10.4/11.2	10.5/11.2	10.1/11.2	10.0/11.2	10.1/11.2	10.0/11.2	10.0/11.2	9.9/11.2
YQB	-0.59	2.4/0.0	4.2/0.0	7.0/0.0	8.0/0.0	8.9/0.0	8.8/0.0	9.6/0.0	9.9/6.5	9.8/6.5	9.9/6.5	10.4/6.5	10.5/6.5	10.9/6.5	10.8/6.5	10.9/6.5
YUL	-0.36	12.0/0.0	10.1/0.0	7.5/0.0	4.8/0.0	3.3/0.0	5.0/0.0	6.7/0.0	8.0/7.1	9.3/7.1	9.4/7.1	9.0/7.1	9.7/7.1	10.2/7.1	10.3/7.1	10.9/7.1
YVR	-0.21	3.0/0.0	2.9/0.0	2.4/0.0	2.5/0.0	2.7/0.0	2.9/0.0	2.9/0.0	3.1/2.5	3.0/2.5	3.0/2.5	2.8/2.5	2.8/2.5	2.9/2.5	3.2/2.5	3.3/2.5
YWG	-0.29	4.3/0.0	8.2/0.0	10.0/0.0	10.5/0.0	12.0/0.0	12.1/0.0	12.1/0.0	12.6/9.0	12.1/9.0	11.6/9.0	11.4/9.0	11.5/9.0	11.5/9.0	11.3/9.0	11.0/9.0
YXD	0.27	7.5/0.0	7.1/0.0	6.2/0.0	5.5/0.0	6.1/0.0	7.1/0.0	7.8/0.0	7.9/9.3	8.0/9.3	5.7/9.3	5.5/9.3	5.9/9.3	6.5/9.3	7.2/9.3	7.3/9.3
YYC	-0.13	9.6/0.0	10.3/0.0	7.3/0.0	6.2/0.0	6.6/0.0	8.2/0.0	8.4/0.0	8.5/7.9	8.5/7.9	8.4/7.9	9.1/7.9	9.0/7.9	9.4/7.9	9.6/7.9	9.1/7.9
YYZ	-0.16	8.0/0.0	6.4/0.0	4.5/0.0	3.4/0.0	4.3/0.0	6.2/0.0	7.2/0.0	8.0/7.2	8.3/7.2	7.8/7.2	8.3/7.2	8.2/7.2	8.5/7.2	8.9/7.2	9.0/7.2

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

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	-4.07	0.5/2.5	0.1/2.1	-0.1/1.2	-1.0/-0.1	-2.6/-0.3	-4.0/-1.8	-4.7/-1.7	-5.5/3.4	-6.0/3.4	-5.5/3.4	-5.8/3.4	-6.3/3.4	-6.4/3.4	-6.8/3.4	-7.0/3.4
ABI	-2.54	0.5/3.0	-0.3/2.2	-0.3/2.1	-0.3/-0.1	-0.9/-1.1	-1.8/-3.7	-2.4/-4.1	-2.6/-2.2	-2.5/-2.2	-3.3/-2.2	-3.7/-2.2	-4.3/-2.2	-5.0/-2.2	-5.4/-2.2	-5.9/-2.2
ABQ	-2.90	0.1/1.8	-0.5/1.8	-0.8/1.6	-1.4/0.8	-1.6/0.1	-1.7/-0.5	-2.2/-1.5	-2.1/-0.8	-2.9/-0.8	-3.4/-0.8	-4.1/-0.8	-5.0/-0.8	-5.9/-0.8	-6.0/-0.8	-5.9/-0.8
ABY	-3.51	0.2/0.7	-0.0/0.5	-0.8/1.1	-1.6/0.2	-2.5/-0.5	-3.3/-0.7	-4.0/-0.1	-4.6/4.0	-5.1/4.0	-4.5/4.0	-4.8/4.0	-5.1/4.0	-5.4/4.0	-5.5/4.0	-5.6/4.0
ACT	-3.23	0.2/1.3	-0.7/2.1	-1.1/1.3	-1.3/0.8	-1.8/-1.4	-2.5/-3.7	-3.0/-3.9	-3.4/-2.4	-3.4/-2.4	-4.1/-2.4	-4.6/-2.4	-5.0/-2.4	-5.4/-2.4	-5.9/-2.4	-6.4/-2.4
ACY	-4.68	0.4/0.4	-0.3/0.1	-0.6/0.4	-1.7/-1.4	-3.1/-1.6	-4.2/-2.0	-5.3/-2.9	-6.1/2.8	-6.6/2.8	-6.5/2.8	-6.6/2.8	-7.1/2.8	-7.2/2.8	-7.6/2.8	-7.7/2.8
ALB	-4.33	0.4/1.8	0.2/2.8	0.3/1.0	-0.5/-0.1	-2.4/-1.2	-3.2/-2.8	-4.4/-2.7	-5.8/2.1	-6.6/2.1	-6.3/2.1	-6.6/2.1	-7.3/2.1	-7.5/2.1	-7.6/2.1	-7.8/2.1
ALW	-1.64	0.5/0.5	0.1/0.0	-0.0/-0.9	-0.3/-1.2	-0.5/-1.6	-1.3/-1.1	-1.7/-2.7	-2.1/0.2	-2.4/0.2	-2.6/0.2	-2.3/0.2	-2.4/0.2	-2.8/0.2	-3.4/0.2	-3.5/0.2
AOO	-3.26	0.6/2.6	0.0/1.9	-0.2/2.1	-1.5/-0.1	-2.5/-1.5	-3.5/-1.4	-4.6/-1.8	-5.3/6.6	-6.1/6.6	-4.4/6.6	-4.4/6.6	-4.3/6.6	-4.1/6.6	-4.4/6.6	-4.4/6.6
APN	-4.63	0.3/2.0	-0.2/2.5	-0.9/1.5	-1.8/0.7	-3.5/-0.5	-4.4/-2.1	-5.6/-1.7	-6.7/1.9	-6.3/1.9	-7.0/1.9	-6.2/1.9	-6.7/1.9	-6.7/1.9	-7.0/1.9	-6.6/1.9
ATL	-3.29	0.9/0.8	0.3/0.9	-0.9/1.4	-1.8/-1.3	-2.5/-1.1	-3.0/-1.3	-3.8/-0.7	-4.3/3.6	-4.3/3.6	-4.4/3.6	-4.4/3.6	-5.0/3.6	-5.3/3.6	-5.5/3.6	-5.5/3.6
AUG	-4.67	-0.2/-0.8	0.0/0.5	-0.2/0.2	-0.7/-0.8	-1.2/-1.3	-3.0/-1.8	-3.7/-3.4	-5.1/1.6	-6.4/1.6	-7.0/1.6	-7.6/1.6	-8.1/1.6	-8.8/1.6	-9.0/1.6	-9.0/1.6
AUS	-2.93	0.7/0.5	0.3/2.0	0.2/0.9	-0.1/-1.0	-1.0/-2.6	-2.1/-4.9	-2.8/-5.8	-3.2/-3.3	-3.1/-3.3	-4.4/-3.3	-4.9/-3.3	-5.3/-3.3	-6.0/-3.3	-6.1/-3.3	-6.2/-3.3
AVP	-3.60	0.4/1.9	0.1/0.6	-0.1/0.9	-1.3/-1.2	-2.6/-1.6	-3.4/-2.9	-4.4/-3.2	-5.5/3.3	-5.5/3.3	-5.0/3.3	-5.2/3.3	-5.2/3.3	-5.2/3.3	-5.5/3.3	-5.5/3.3
BDL	-3.40	0.7/1.6	1.1/1.7	0.9/1.4	0.4/-0.3	-1.5/-2.1	-2.5/-3.2	-3.4/-3.2	-4.0/2.6	-5.4/2.6	-5.2/2.6	-5.8/2.6	-6.1/2.6	-6.6/2.6	-6.7/2.6	-7.1/2.6
BFL	-0.06	1.7/2.0	1.8/4.5	1.6/3.7	1.4/2.1	1.4/2.1	1.2/2.5	1.2/1.7	0.1/-1.0	-0.6/-1.0	-0.9/-1.0	-1.2/-1.0	-1.6/-1.0	-2.0/-1.0	-2.6/-1.0	-2.4/-1.0
BGM	-4.33	0.7/1.3	0.4/1.3	0.5/1.2	-1.0/-0.1	-2.5/-0.9	-3.4/-2.1	-4.7/-2.7	-5.7/3.0	-6.2/3.0	-6.6/3.0	-7.0/3.0	-7.1/3.0	-7.3/3.0	-7.6/3.0	-7.6/3.0
BHM	-3.81	0.4/-0.0	-0.3/-0.2	-1.4/-0.7	-2.2/-1.7	-2.6/-0.7	-3.4/-2.0	-4.0/-1.9	-4.7/2.4	-4.4/2.4	-5.2/2.4	-5.3/2.4	-5.6/2.4	-5.9/2.4	-6.2/2.4	-6.3/2.4
BIS	-4.29	0.3/3.8	-0.6/3.3	-1.2/1.9	-2.5/-0.7	-3.5/-1.5	-4.0/-1.0	-4.2/-0.3	-4.2/-1.3	-4.1/-1.3	-5.5/-1.3	-6.0/-1.3	-6.5/-1.3	-6.7/-1.3	-7.6/-1.3	-8.1/-1.3
BNA	-4.47	0.1/1.4	-0.9/1.2	-2.1/0.5	-2.7/0.0	-2.9/-0.7	-4.0/-2.1	-4.6/-2.5	-5.2/2.7	-4.9/2.7	-5.9/2.7	-6.2/2.7	-6.6/2.7	-7.1/2.7	-7.0/2.7	-6.9/2.7
BOI	-2.87	-0.2/0.1	-0.8/0.7	-0.8/0.5	-1.1/0.2	-2.0/0.1	-1.6/0.6	-1.9/-1.8	-2.8/-3.1	-3.6/-3.1	-3.9/-3.1	-3.7/-3.1	-4.1/-3.1	-4.9/-3.1	-5.7/-3.1	-5.9/-3.1
BOS	-4.27	0.4/1.7	0.7/0.3	0.6/2.1	-0.0/-0.7	-1.6/-1.4	-2.8/-1.6	-3.8/-2.9	-4.4/2.8	-6.1/2.8	-6.6/2.8	-7.0/2.8	-7.7/2.8	-8.4/2.8	-8.4/2.8	-8.9/2.8
BRO	-1.02	0.2/2.7	0.2/2.9	0.2/4.4	-0.2/4.3	-0.4/2.9	-0.8/1.4	-1.0/-0.1	-1.1/-0.9	-0.9/-0.9	-1.0/-0.9	-1.6/-0.9	-1.6/-0.9	-2.3/-0.9	-2.3/-0.9	-2.7/-0.9
BTV	-4.61	0.1/2.0	0.2/2.4	0.1/1.3	-0.7/-1.2	-2.2/-0.8	-3.2/-2.2	-4.4/-2.5	-5.6/0.5	-6.7/0.5	-6.8/0.5	-7.3/0.5	-7.8/0.5	-8.2/0.5	-8.2/0.5	-8.6/0.5
BUF	-4.68	0.2/0.6	-0.2/0.3	-0.4/-0.4	-1.5/-1.5	-2.4/-2.4	-3.3/-4.2	-4.2/-3.9	-4.9/1.1	-5.4/1.1	-5.6/1.1	-8.2/1.1	-8.4/1.1	-8.5/1.1	-8.8/1.1	-8.7/1.1
BUR	-2.95	0.0/0.6	0.0/-0.1	-0.4/0.0	-0.5/-0.6	-0.8/-0.2	-0.7/-0.8	-0.8/-2.0	-1.8/-2.0	-2.7/-2.0	-5.1/-2.0	-6.2/-2.0	-6.1/-2.0	-6.3/-2.0	-6.6/-2.0	-6.3/-2.0
BWI	-5.21	-0.3/0.8	-1.3/-0.5	-1.6/-0.5	-2.5/-1.0	-3.3/-1.2	-4.7/-1.8	-5.5/-2.4	-6.0/3.8	-6.9/3.8	-7.0/3.8	-7.1/3.8	-7.5/3.8	-7.6/3.8	-8.1/3.8	-8.5/3.8
CAE	-3.89	-0.3/2.5	-0.5/1.9	-1.3/1.8	-2.0/1.7	-2.5/1.6	-3.6/1.0	-4.3/1.4	-4.8/5.8	-5.6/5.8	-5.3/5.8	-4.6/5.8	-5.7/5.8	-5.6/5.8	-6.0/5.8	-6.2/5.8
CHA	-3.04	1.0/0.9	0.0/0.2	-1.0/-0.7	-1.8/-1.2	-2.4/-1.6	-3.0/-1.7	-3.8/-2.1	-3.8/2.6	-3.5/2.6	-3.9/2.6	-3.9/2.6	-4.4/2.6	-4.8/2.6	-5.2/2.6	-5.1/2.6
CLE	-5.43	0.3/2.1	-0.6/1.3	-1.5/0.3	-2.9/-0.4	-3.3/-2.2	-4.4/-3.2	-5.4/-3.1	-6.6/2.7	-7.0/2.7	-7.7/2.7	-8.1/2.7	-8.4/2.7	-8.4/2.7	-8.8/2.7	-8.7/2.7
CLT	-3.38	0.7/2.3	0.2/1.3	-0.6/1.0	-1.4/0.8	-2.0/0.4	-3.1/0.3	-3.4/0.5	-4.0/5.2	-4.7/5.2	-4.8/5.2	-4.5/5.2	-5.5/5.2	-5.5/5.2	-5.8/5.2	-6.1/5.2
CMH	-5.50	0.1/1.3	-1.2/0.1	-2.3/-0.9	-3.3/-2.4	-4.1/-2.7	-5.1/-4.6	-6.4/-3.5	-7.0/3.6	-7.3/3.6	-6.8/3.6	-7.4/3.6	-7.5/3.6	-7.9/3.6	-8.1/3.6	-8.0/3.6
CON	-2.52	1.1/3.7	1.3/3.4	1.3/2.4	0.7/1.3	-0.2/1.0	-1.6/-0.1	-2.0/-1.3	-2.5/2.7	-4.1/2.7	-4.0/2.7	-4.5/2.7	-5.2/2.7	-6.0/2.7	-5.8/2.7	-6.3/2.7
COS	-5.29	0.8/1.0	-0.2/-0.9	-0.7/-0.0	-1.6/-2.3	-2.2/-2.7	-2.8/-3.3	-4.5/-2.2	-3.6/-4.4	-5.3/-4.4	-8.0/-4.4	-8.8/-4.4	-9.9/-4.4	-10.5/-4.4	-11.0/-4.4	-11.2/-4.4
COU	-3.81	0.4/3.4	-0.8/1.8	-1.6/1.0	-2.6/-0.5	-3.4/-1.7	-3.9/-3.0	-4.1/-2.6	-4.1/2.4	-3.9/2.4	-4.2/2.4	-4.8/2.4	-5.4/2.4	-6.1/2.4	-6.1/2.4	-6.3/2.4
CQT	0.00	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0
CRP	-2.05	0.3/1.4	-0.0/1.7	-0.0/3.4	-0.2/3.4	-0.8/0.4	-1.8/-1.5	-2.2/-3.6	-2.4/-2.3	-2.3/-2.3	-2.9/-2.3	-2.9/-2.3	-3.3/-2.3	-3.8/-2.3	-4.0/-2.3	-4.4/-2.3
CRW	-3.29	0.2/-0.0	-0.8/-0.7	-2.0/-0.3	-3.1/-1.4	-3.6/-2.3	-4.3/-3.1	-5.1/-2.2	-5.3/3.7	-5.2/3.7	-3.6/3.7	-3.8/3.7	-3.0/3.7	-3.1/3.7	-3.6/3.7	-3.2/3.7
CVG	-5.49	-0.0/1.1	-1.3/-0.7	-2.7/-1.1	-3.3/-3.0	-4.0/-3.9	-5.1/-5.1	-5.9/-5.1	-6.5/2.3	-6.6/2.3	-6.8/2.3	-7.5/2.3	-7.8/2.3	-8.5/2.3	-8.2/2.3	-8.3/2.3
DAY	-5.51	-0.1/3.1	-1.5/1.8	-2.5/-0.2	-3.5/-1.8	-4.2/-2.9	-5.2/-3.7	-6.4/-4.3	-6.9/2.3	-7.2/2.3	-6.7/2.3	-7.2/2.3	-7.3/2.3	-7.9/2.3	-8.0/2.3	-8.0/2.3
DBQ	-4.94	0.5/1.6	-0.0/0.4	-1.3/-1.3	-2.3/-3.4	-3.8/-4.1	-5.0/-4.9	-5.6/-3.7	-6.6/-0.7	-6.3/-0.7	-6.3/-0.7	-6.5/-0.7	-7.4/-0.7	-7.7/-0.7	-7.9/-0.7	-7.9/-0.7
DCA	-3.50	0.1/2.2	-0.5/0.5	-0.7/1.1	-1.4/0.9	-2.1/0.5	-3.4/-0.2	-4.0/-0.5	-4.6/5.5	-5.7/5.5	-4.6/5.5	-4.5/5.5	-4.9/5.5	-5.0/5.5	-5.4/5.5	-5.8/5.5
DEC	-4.38	0.4/3.7	-0.5/2.8	-1.4/2.1	-1.8/-0.2	-3.1/-1.8	-4.3/-1.2	-4.9/-1.9	-5.3/4.0	-5.0/4.0	-5.3/4.0	-5.9/4.0	-6.4/4.0	-7.3/4.0	-7.4/4.0	-7.5/4.0
DEN	-4.07	0.8/-1.8	0.6/-2.2	0.1/-3.8	-0.6/-4.0	-1.6/-4.4	-2.4/-4.0	-2.1/-4.6	-2.9/-4.8	-3.5/-4.8	-5.9/-4.8	-7.2/-4.8	-8.3/-4.8	-8.7/-4.8	-9.2/-4.8	-10.0/-4.8
DFW	-3.87	0.2/-1.8	-0.9/-1.8	-1.3/-0.9	-1.4/-1.8	-2.3/-3.1	-3.2/-6.0	-4.1/-5.9	-4.5/-5.0	-3.9/-5.0	-4.8/-5.0	-5.5/-5.0	-5.9/-5.0	-6.4/-5.0	-7.0/-5.0	-6.9/-5.0
DLH	-3.66	1.2/3.4	0.6/2.7	-0.2/0.7	-1.2/0.6	-2.5/-1.6	-3.6/-1.9	-4.5/-1.9	-4.9/0.5	-5.0/0.5	-5.6/0.5	-5.3/0.5	-5.6/0.5	-5.7/0.5	-5.9/0.5	-6.4/0.5
DSM	-4.73	0.7/1.9	-0.1/1.1	-0.8/-0.2	-1.7/-2.1	-2.9/-4.4	-4.0/-3.1	-4.6/-2.5	-5.0/0.1	-5.6/0.1	-5.9/0.1	-7.2/0.1	-8.0/0.1	-8.4/0.1	-8.7/0.1	-8.9/0.1
DTW	-3.28	0.6/1.7	0.3/1.1	-0.2/0.8	-0.8/-1.6	-1.9/-3.0	-2.9/-3.8	-4.0/-4.2	-4.8/1.9	-5.4/1.9	-5.1/1.9	-4.5/1.9	-5.0/1.9	-5.1/1.9	-5.2/1.9	-5.1/1.9
ELP	-3.59	0.1/-0.5	-0.6/0.2	-0.7/1.0	-1.5/0.2	-2.2/-1.8	-2.1/-3.3	-2.4/-3.7	-2.6/-2.6	-3.1/-2.6	-5.5/-2.6	-5.6/-2.6	-6.1/-2.6	-7.2/-2.6	-7.1/-2.6	-7.2/-2.6
ERI	-4.97	0.5/-0.5	0.1/-1.4	-0.8/-1.6	-1.8/-3.0	-2.5/-3.8	-3.7/-5.1	-5.1/-4.9	-6.3/2.2	-7.0/2.2	-7.5/2.2	-7.8/2.2	-7.9/2.2	-8.1/2.2	-8.3/2.2	-8.2/2.2
EUG	-1.00	0.5/-0.6	0.5/-0.1	0.4/0.0	0.0/-1.3	0.2/0.1	0.5/-1.1	0.5/-2.3	-0.6/-1.6	-1.3/-1.6	-1.6/-1.6	-2.2/-1.6	-2.6/-1.6	-2.9/-1.6	-3.2/-1.6	-3.2/-1.6
EVV	-3.36	0.2/2.2	-1.1/1.3	-2.1/-0.8	-2.6/-0.7	-3.0/-1.8	-3.8/-2.4	-3.9/-2.4	-4.1/2.8	-4.0/2.8	-4.0/2.8	-4.2/2.8	-4.1/2.8	-4.8/2.8	-4.4/2.8	-4.4/2.8
EWR	-4.59	-0.1/0.4	0.2/0.0	0.2/1.6	-0.7/-0.9	-2.9/-1.4	-3.8/-2.7	-4.6/-2.9	-5.5/2.3	-6.5/2.3	-6.4/2.3	-7.0/2.3	-7.6/2.3	-7.9/2.3	-8.0/2.3	-8.4/2.3
FAR	-4.96	0.3/1.6	-0.8/-0.6	-1.3/-2.3	-2.2/-2.8	-3.6/-5.2	-4.1/-5.0	-5.2/-4.7	-5.1/-3.1	-4.6/-3.1	-6.0/-3.1	-7.1/-3.1	-8.0/-3.1	-8.2/-3.1	-8.8/-3.1	-9.7/-3.1
FAT	0.19	1.0/0.4	1.2/-1.6	1.0/-0.8	0.9/-0.9	1.2/-1.0	1.2/-0.2	1.2/-1.0	0.1/-3.8	-0.2/-3.8	-0.4/-3.8	-0.3/-3.8	-0.6/-3.8	-1.0/-3.8	-1.4/-3.8	-1.3/-3.8
FLG	-3.03	-0.2/1.0	-0.7/0.2	-1.1/0.0	-1.4/-0.5	-1.6/-0.4	-1.9/-2.3	-1.8/-1.5	-2.4/-4.0	-3.5/-4.0	-4.5/-4.0	-4.9/-4.0	-5.1/-4.0	-5.0/-4.0	-5.7/-4.0	-5.8/-4.0
FMY	-1.64	0.0/0.8	-0.1/1.6	-0.5/0.7	-1.1/-0.1	-1.4/-0.2	-1.7/0.2	-2.0/-0.0	-2.5/4.2	-2.9/4.2	-2.6/4.2	-1.9/4.2	-2.1/4.2	-2.1/4.2	-2.2/4.2	-1.5/4.2
FSD	-4.41	0.5/2.8	-0.0/2.0	-0.5/0.7	-1.4/-1.1	-2.6/-3.5	-3.9/-3.0	-4.1/-3.0	-4.5/-0.6	-4.7/-0.6	-6.0/-0.6	-6.9/-0.6	-7.6/-0.6	-7.6/-0.6	-8.1/-0.6	-8.8/-0.6
FWA	-5.08	0.1/2.4	-0.9/2.0	-1.9/0.5	-2.9/-2.6	-3.8/-3.7	-4.9/-4.1	-6.2/-3.5	-6.9/1.5	-7.2/1.5	-6.4/1.5	-6.5/1.5	-6.7/1.5	-7.4/1.5	-7.3/1.5	-7.4/1.5

GAD	-2.94	0.9/0.7	0.3/0.8	-0.8/-0.8	-1.6/-0.7	-1.9/-2.3	-2.7/-2.4	-3.2/-2.2	-3.8/3.7	-3.7/3.7	-3.9/3.7	-4.1/3.7	-4.5/3.7	-4.8/3.7	-5.2/3.7	-5.2/3.7
GEG	-1.38	0.7/0.8	0.2/0.3	0.3/0.7	-0.3/-0.4	-0.5/-0.8	-0.8/-0.6	-1.1/-1.0	-1.2/-3.1	-1.6/-3.1	-2.4/-3.1	-2.2/-3.1	-2.3/-3.1	-2.9/-3.1	-3.3/-3.1	-3.3/-3.1
GTF	-5.87	-1.5/1.6	-1.9/1.5	-2.5/1.7	-3.7/-0.5	-5.0/-3.1	-4.7/-3.8	-4.6/-3.0	-6.4/-7.6	-7.9/-7.6	-8.2/-7.6	-8.3/-7.6	-8.1/-7.6	-8.6/-7.6	-8.2/-7.6	-8.4/-7.6
HOU	-3.78	-0.4/1.3	-1.1/1.4	-1.5/1.4	-1.5/0.8	-2.3/0.1	-3.5/-2.0	-4.2/-1.3	-4.9/-0.3	-4.7/-0.3	-4.9/-0.3	-4.8/-0.3	-5.2/-0.3	-5.6/-0.3	-6.0/-0.3	-6.1/-0.3
HSV	-3.62	0.4/1.0	-0.6/0.7	-1.5/-0.1	-2.3/-0.6	-2.8/-1.6	-3.3/-2.3	-4.1/-1.6	-4.3/2.5	-3.9/2.5	-4.6/2.5	-4.8/2.5	-5.2/2.5	-5.7/2.5	-5.9/2.5	-5.9/2.5
IAH	-4.54	-0.6/0.6	-1.3/0.9	-1.7/1.6	-1.8/0.3	-2.9/-1.3	-4.2/-2.6	-5.0/-3.7	-5.7/-0.7	-5.4/-0.7	-5.5/-0.7	-5.9/-0.7	-6.4/-0.7	-7.0/-0.7	-7.3/-0.7	-7.5/-0.7
ICT	-5.10	0.8/1.3	-0.0/0.1	-0.3/-1.0	-1.5/-0.6	-3.0/-3.2	-3.5/-3.3	-4.5/-3.8	-4.5/-1.6	-5.4/-1.6	-7.7/-1.6	-8.5/-1.6	-9.0/-1.6	-9.4/-1.6	-9.6/-1.6	-10.3/-1.6
ILG	-4.61	0.2/1.0	-0.2/0.1	-0.6/0.3	-2.0/-1.1	-2.9/-1.5	-4.2/-2.3	-4.9/-2.0	-5.6/3.4	-6.5/3.4	-6.3/3.4	-6.6/3.4	-7.1/3.4	-7.1/3.4	-7.5/3.4	-7.8/3.4
IND	-5.12	0.0/3.4	-1.1/2.8	-2.6/0.6	-3.0/-1.4	-3.7/-2.4	-5.0/-3.4	-5.9/-3.3	-6.3/2.8	-6.2/2.8	-6.0/2.8	-6.5/2.8	-6.9/2.8	-7.9/2.8	-7.7/2.8	-8.0/2.8
IPT	-3.94	1.0/1.7	0.5/0.8	0.3/0.1	-1.0/-1.1	-2.2/-1.4	-3.2/-2.5	-4.1/-2.7	-4.8/2.1	-5.9/2.1	-5.9/2.1	-6.0/2.1	-6.5/2.1	-6.7/2.1	-7.1/2.1	-7.3/2.1
JAN	-2.43	0.9/0.4	0.2/0.7	-0.3/0.4	-0.6/0.5	-0.9/-0.1	-1.6/-1.9	-2.5/-1.7	-3.3/1.6	-2.9/1.6	-2.8/1.6	-3.7/1.6	-4.2/1.6	-4.5/1.6	-5.1/1.6	-5.2/1.6
JAX	-2.77	-0.0/0.6	-0.2/1.2	-0.9/1.2	-1.6/1.2	-2.3/0.5	-2.9/-0.2	-3.5/-0.1	-3.7/3.8	-4.6/3.8	-4.2/3.8	-3.4/3.8	-3.6/3.8	-3.5/3.8	-3.6/3.8	-3.5/3.8
JFK	-3.06	0.5/0.5	0.4/-0.5	0.6/0.2	-0.5/-1.7	-2.0/-2.6	-3.0/-3.3	-3.7/-3.4	-4.5/2.4	-5.0/2.4	-4.6/2.4	-4.4/2.4	-4.8/2.4	-4.9/2.4	-4.7/2.4	-5.4/2.4
LAN	-6.38	-2.4/-0.8	-2.8/-1.4	-3.5/-1.8	-4.2/-2.9	-5.0/-4.6	-6.2/-5.3	-7.4/-4.9	-8.2/-0.3	-8.6/-0.3	-8.1/-0.3	-7.4/-0.3	-7.9/-0.3	-8.1/-0.3	-8.0/-0.3	-8.0/-0.3
LAS	-3.30	0.0/2.2	-0.6/1.9	-0.7/1.5	-1.2/0.1	-1.5/-0.4	-1.9/-0.4	-2.1/-1.0	-2.4/-3.9	-3.3/-3.9	-4.5/-3.9	-5.2/-3.9	-5.8/-3.9	-6.2/-3.9	-6.9/-3.9	-7.3/-3.9
LAX	-0.23	1.5/0.8	1.4/-1.4	1.4/-1.5	1.2/-1.8	1.0/-0.8	1.0/-1.9	0.3/-2.0	-0.3/-0.7	-0.3/-0.7	-1.3/-0.7	-1.7/-0.7	-1.9/-0.7	-2.0/-0.7	-1.8/-0.7	-1.9/-0.7
LEX	-3.26	0.3/2.8	-0.9/0.6	-2.3/-0.3	-2.9/-1.2	-3.4/-2.1	-4.0/-2.9	-4.7/-3.2	-4.6/3.5	-4.6/3.5	-3.7/3.5	-3.7/3.5	-3.4/3.5	-3.9/3.5	-3.8/3.5	-3.4/3.5
LFK	-2.42	0.2/1.3	-0.5/2.7	-0.8/2.4	-0.8/1.6	-1.4/0.9	-1.9/-2.0	-2.6/-2.2	-3.0/0.0	-2.6/0.0	-2.7/0.0	-3.2/0.0	-3.8/0.0	-4.0/0.0	-4.3/0.0	-5.0/0.0
LGA	-4.59	0.1/1.8	0.2/0.6	0.3/2.1	-0.6/-0.6	-2.4/-1.4	-3.5/-2.4	-4.5/-2.7	-5.4/2.6	-6.6/2.6	-6.5/2.6	-7.2/2.6	-7.8/2.6	-8.1/2.6	-8.2/2.6	-8.6/2.6
LGB	-2.88	-0.0/0.2	-0.1/-1.2	-0.5/-0.3	-0.8/-1.5	-0.7/-1.6	-0.6/-1.5	-1.0/-2.8	-1.8/-0.7	-2.5/-0.7	-5.0/-0.7	-5.7/-0.7	-5.8/-0.7	-6.1/-0.7	-6.3/-0.7	-6.0/-0.7
LIT	-3.05	0.9/1.0	-0.1/0.7	-0.9/1.3	-1.0/0.2	-2.0/-0.7	-2.4/-2.9	-3.2/-3.7	-3.3/1.5	-3.1/1.5	-3.8/1.5	-4.4/1.5	-5.0/1.5	-5.4/1.5	-6.0/1.5	-6.0/1.5
LNS	-4.74	0.1/1.3	-0.6/0.8	-0.8/0.5	-1.8/-0.2	-3.1/-1.4	-3.9/-2.2	-4.9/-2.3	-5.6/-2.8	-6.3/-2.8	-6.7/-2.8	-6.8/-2.8	-7.3/-2.8	-7.4/-2.8	-7.9/-2.8	-8.2/-2.8
MAF	-1.79	0.7/-0.1	0.0/2.4	0.3/2.0	0.2/-1.3	-0.4/-0.9	-1.2/-3.8	-1.8/-3.8	-1.6/-1.2	-1.6/-1.2	-2.1/-1.2	-2.7/-1.2	-3.5/-1.2	-4.2/-1.2	-4.5/-1.2	-4.4/-1.2
MBA	-5.08	0.2/1.9	0.4/1.9	0.7/1.7	0.1/-1.2	-1.9/-1.7	-3.3/-2.3	-4.1/-2.1	-5.4/2.5	-6.5/2.5	-7.7/2.5	-8.5/2.5	-9.2/2.5	-10.3/2.5	-10.1/2.5	-10.5/2.5
MCI	-5.52	0.5/3.0	-0.4/1.3	-1.0/0.2	-2.3/-0.9	-3.5/-2.4	-4.3/-3.5	-5.3/-3.2	-5.2/0.5	-6.1/0.5	-7.4/0.5	-8.6/0.5	-9.1/0.5	-9.8/0.5	-10.0/0.5	-10.5/0.5
MCN	-3.74	0.1/1.9	-0.2/1.4	-1.3/1.4	-2.0/1.0	-2.7/0.6	-3.7/-0.1	-4.3/0.5	-4.4/3.6	-5.1/3.6	-4.9/3.6	-4.9/3.6	-5.4/3.6	-5.6/3.6	-5.8/3.6	-5.9/3.6
MCO	-1.61	0.2/0.3	0.2/0.6	-0.4/0.0	-0.8/0.1	-1.6/-0.3	-2.0/0.2	-2.5/0.4	-3.1/5.1	-3.4/5.1	-2.7/5.1	-1.8/5.1	-1.9/5.1	-1.5/5.1	-1.7/5.1	-1.3/5.1
MDT	-3.70	0.4/2.2	-0.3/0.8	-0.7/0.3	-1.7/-1.0	-2.8/-1.7	-3.9/-2.0	-4.7/-2.5	-5.1/3.4	-5.5/3.4	-4.8/3.4	-5.1/3.4	-5.1/3.4	-5.0/3.4	-5.4/3.4	-5.8/3.4
MEM	-4.72	-0.4/2.1	-1.5/2.1	-2.6/1.7	-3.0/1.5	-3.6/0.3	-4.4/-1.0	-5.2/-0.7	-5.6/3.5	-4.9/3.5	-5.6/3.5	-6.2/3.5	-6.5/3.5	-7.0/3.5	-7.1/3.5	-7.2/3.5
MHT	-3.09	0.9/2.2	1.1/3.0	1.0/2.4	0.4/-0.2	-0.7/-0.3	-2.0/-1.2	-2.7/-2.4	-3.2/3.0	-4.8/3.0	-4.9/3.0	-5.2/3.0	-5.9/3.0	-6.8/3.0	-6.6/3.0	-7.1/3.0
MIA	-1.15	-0.1/0.7	-0.2/0.5	-0.2/0.3	-0.4/-0.0	-0.8/0.3	-1.1/0.5	-1.2/0.3	-1.6/2.6	-1.9/2.6	-1.7/2.6	-1.7/2.6	-1.7/2.6	-1.7/2.6	-1.6/2.6	-1.3/2.6
MKE	-3.05	0.6/0.9	0.3/0.8	-0.2/0.2	-0.7/-1.0	-1.3/-3.1	-2.2/-3.0	-2.9/-4.2	-3.9/1.1	-4.3/1.1	-4.5/1.1	-4.8/1.1	-5.5/1.1	-5.4/1.1	-5.3/1.1	-5.6/1.1
MOB	-3.26	-0.3/0.6	-0.6/0.5	-1.5/1.1	-1.9/0.4	-2.4/-0.4	-3.0/-0.8	-3.7/-1.2	-4.6/2.0	-4.6/2.0	-4.0/2.0	-4.3/2.0	-4.2/2.0	-4.7/2.0	-4.5/2.0	-4.6/2.0
MSP	-4.57	0.7/4.3	0.1/1.4	-0.7/1.3	-1.7/-1.6	-2.8/-2.9	-4.3/-3.7	-5.5/-2.9	-5.7/-0.5	-5.8/-0.5	-6.1/-0.5	-6.6/-0.5	-7.1/-0.5	-7.3/-0.5	-7.5/-0.5	-8.2/-0.5
MSY	-3.13	-0.2/-0.1	-0.7/0.6	-1.3/0.6	-1.2/0.0	-2.0/-0.7	-3.0/-0.8	-3.4/-1.9	-4.0/0.9	-3.9/0.9	-3.8/0.9	-3.9/0.9	-4.3/0.9	-4.7/0.9	-5.0/0.9	-5.4/0.9
MWL	-2.43	0.7/1.8	-0.1/1.2	-0.3/1.2	-0.3/-0.4	-0.7/-0.6	-1.3/-4.1	-2.1/-4.6	-2.3/-1.1	-2.5/-1.1	-3.3/-1.1	-4.0/-1.1	-4.4/-1.1	-4.8/-1.1	-5.3/-1.1	-5.8/-1.1
NKX	1.19	2.0/-0.8	1.7/-2.5	1.7/-2.2	1.6/-2.5	1.4/-2.2	1.8/-2.8	1.6/-3.1	0.7/0.0	0.7/0.0	1.1/0.0	0.6/0.0	0.3/0.0	0.6/0.0	0.9/0.0	1.1/0.0
NTU	-4.81	-0.5/1.0	-0.9/0.3	-1.3/-0.1	-2.5/-0.5	-3.3/-1.0	-4.6/0.2	-5.1/-1.3	-6.0/5.8	-7.1/5.8	-6.2/5.8	-6.2/5.8	-7.0/5.8	-7.0/5.8	-7.2/5.8	-7.4/5.8
OAK	0.50	0.6/2.1	0.6/0.9	0.8/0.9	0.9/0.9	0.9/1.2	0.7/1.2	0.5/0.1	0.5/0.3	0.4/0.3	0.6/0.3	0.4/0.3	0.3/0.3	0.1/0.3	0.1/0.3	-0.1/0.3
OKC	-5.18	0.2/-1.1	-1.0/-0.7	-1.2/-1.6	-2.2/-2.1	-3.3/-3.7	-3.8/-5.2	-5.0/-5.9	-5.1/-3.2	-5.3/-3.2	-7.4/-3.2	-7.9/-3.2	-8.4/-3.2	-8.7/-3.2	-9.1/-3.2	-9.4/-3.2
OMA	-3.49	1.1/3.9	0.4/3.0	0.2/1.1	-0.6/-0.3	-1.8/-2.0	-2.4/-2.8	-2.9/-1.7	-3.3/0.8	-4.3/0.8	-4.4/0.8	-5.8/0.8	-6.5/0.8	-7.1/0.8	-7.2/0.8	-7.8/0.8
ORD	-4.65	-0.1/2.2	-0.4/1.7	-1.4/0.1	-2.0/-1.8	-3.0/-2.3	-4.1/-2.8	-5.2/-3.2	-6.1/1.5	-6.2/1.5	-6.1/1.5	-6.1/1.5	-6.9/1.5	-7.3/1.5	-7.3/1.5	-7.5/1.5
ORH	-3.05	0.1/2.6	0.5/2.3	0.6/1.6	-0.2/0.2	-1.4/-0.6	-2.5/-2.0	-2.9/-2.2	-3.3/3.4	-5.0/3.4	-4.3/3.4	-4.5/3.4	-5.1/3.4	-5.9/3.4	-5.7/3.4	-6.1/3.4
PDT	-2.62	-0.6/-0.9	-0.3/-1.5	-0.5/-2.3	-0.7/-2.0	-1.3/-2.2	-1.9/-1.7	-2.6/-2.9	-2.7/-2.7	-3.3/-2.7	-4.4/-2.7	-3.8/-2.7	-3.7/-2.7	-4.1/-2.7	-4.6/-2.7	-4.8/-2.7
PDX	-1.99	-0.2/-1.2	-0.3/-2.0	0.2/-1.4	-0.2/-1.3	-0.6/-1.2	-0.5/-0.4	-0.8/-3.5	-1.0/-2.6	-1.6/-2.6	-4.0/-2.6	-3.5/-2.6	-4.1/-2.6	-4.4/-2.6	-4.4/-2.6	-4.5/-2.6
PHL	-4.45	0.5/2.9	-0.1/1.5	-0.4/1.2	-1.5/-0.2	-3.0/-0.7	-4.2/-1.3	-5.0/-2.1	-5.8/3.6	-6.4/3.6	-6.1/3.6	-6.3/3.6	-6.8/3.6	-6.9/3.6	-7.3/3.6	-7.5/3.6
PHX	-3.23	-0.2/1.3	-0.4/0.7	-1.0/1.3	-1.5/0.9	-1.9/-0.2	-2.3/0.0	-2.4/-0.5	-3.2/-4.3	-4.0/-4.3	-4.8/-4.3	-5.1/-4.3	-5.2/-4.3	-5.2/-4.3	-5.7/-4.3	-5.6/-4.3
PIR	-3.94	0.3/3.3	-0.5/2.4	-1.0/2.7	-2.2/0.4	-3.1/-1.2	-3.9/-0.2	-3.6/-0.5	-3.3/0.1	-4.4/0.1	-5.5/0.1	-5.7/0.1	-6.2/0.1	-6.1/0.1	-6.5/0.1	-7.4/0.1
PIT	-4.99	0.5/0.5	-0.5/-0.8	-1.3/-1.4	-2.6/-1.6	-3.3/-4.1	-4.2/-4.1	-5.4/-4.0	-6.2/3.5	-6.8/3.5	-7.0/3.5	-7.2/3.5	-7.6/3.5	-7.5/3.5	-7.9/3.5	-7.9/3.5
PVD	-5.21	0.2/1.6	0.5/0.3	0.2/0.7	-0.3/-0.6	-2.5/-1.3	-3.7/-2.6	-4.7/-2.7	-5.7/2.6	-7.0/2.6	-7.8/2.6	-8.6/2.6	-9.0/2.6	-9.7/2.6	-9.8/2.6	-10.2/2.6
PWM	-4.06	0.2/-0.3	0.5/0.2	0.6/-0.8	-0.0/-0.6	-1.1/-0.2	-2.5/-1.3	-3.2/-3.0	-4.1/0.5	-5.7/0.5	-6.3/0.5	-6.7/0.5	-7.5/0.5	-8.3/0.5	-8.2/0.5	-8.7/0.5
RAL	0.00	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0
RAP	-4.65	-0.4/3.4	-1.4/1.7	-1.5/1.7	-3.3/2.0	-4.0/-1.5	-4.7/0.6	-4.6/-1.3	-5.0/-2.9	-6.0/-2.9	-7.0/-2.9	-6.9/-2.9	-7.0/-2.9	-6.8/-2.9	-5.7/-2.9	-5.4/-2.9
RBL	-2.11	-0.3/-1.1	0.0/-0.7	0.0/-1.1	-0.5/-0.7	-0.4/-0.8	-0.1/-1.8	-0.4/-2.7	-1.5/-3.5	-2.3/-3.5	-3.2/-3.5	-3.8/-3.5	-4.3/-3.5	-4.7/-3.5	-5.2/-3.5	-5.1/-3.5
RDD	-2.93	-0.6/0.0	-0.6/0.0	-0.7/-0.2	-1.1/0.1	-1.6/0.8	-1.4/0.4	-1.2/-2.1	-2.5/-4.0	-3.3/-4.0	-4.5/-4.0	-4.6/-4.0	-5.0/-4.0	-5.3/-4.0	-5.9/-4.0	-5.5/-4.0
RDU	-4.61	-0.3/0.4	-0.7/-1.0	-1.6/-0.8	-2.5/-1.3	-3.0/-1.0	-4.2/-1.2	-4.8/-1.7	-5.1/2.7	-6.4/2.7	-6.3/2.7	-5.7/2.7	-6.8/2.7	-6.9/2.7	-7.2/2.7	-7.6/2.7
RIC	-4.46	-0.4/0.3	-0.9/-1.2	-1.2/-1.2	-2.1/-0.4	-2.8/-1.8	-4.3/-1.6	-4.7/-2.1	-5.5/3.0	-6.6/3.0	-5.8/3.0	-5.7/3.0	-6.4/3.0	-6.5/3.0	-6.9/3.0	-7.0/3.0
RNO	-2.23	0.3/0.4	0.5/0.5	0.6/0.8	0.1/-0.9	-0.3/-0.6	-0.3/1.6	-0.6/-2.6	-1.8/-2.7	-2.8/-2.7	-3.6/-2.7	-4.0/-2.7	-4.4/-2.7	-5.2/-2.7	-6.0/-2.7	-5.8/-2.7

ROA	-3.35	0.6/1.0	-0.2/-0.3	-1.2/-1.1	-2.2/-0.1	-2.3/-1.1	-3.4/-2.1	-3.4/-0.9	-3.8/4.7	-4.8/4.7	-4.1/4.7	-4.2/4.7	-4.8/4.7	-5.1/4.7	-5.5/4.7	-5.8/4.7
ROC	-3.00	1.1/0.8	1.0/0.8	0.9/0.6	-0.1/-1.2	-1.1/-1.7	-1.9/-3.2	-2.8/-2.9	-3.4/1.7	-4.1/1.7	-4.4/1.7	-5.8/1.7	-6.0/1.7	-5.9/1.7	-6.4/1.7	-6.2/1.7
SAC	0.22	0.9/-0.4	1.0/-0.0	1.0/0.1	0.3/0.4	1.2/0.3	1.4/0.4	1.4/-1.6	-0.0/-1.1	-0.3/-1.1	-0.5/-1.1	0.2/-1.1	-0.3/-1.1	-0.7/-1.1	-1.2/-1.1	-1.1/-1.1
SAN	0.16	1.2/-0.1	1.0/-1.4	0.9/-1.4	0.8/-2.8	0.8/-1.6	0.9/-2.8	0.6/-2.5	0.1/-1.6	0.1/-1.6	-0.4/-1.6	-0.6/-1.6	-0.9/-1.6	-0.9/-1.6	-0.6/-1.6	-0.5/-1.6
SAT	-3.64	-0.3/-0.1	-0.7/0.5	-1.0/0.3	-1.0/-2.3	-1.9/-2.4	-3.0/-4.7	-3.6/-6.1	-3.7/-4.1	-3.6/-4.1	-4.9/-4.1	-5.2/-4.1	-6.0/-4.1	-6.4/-4.1	-6.6/-4.1	-6.7/-4.1
SAV	-3.44	0.2/1.3	-0.2/0.8	-1.1/1.0	-2.2/1.3	-2.5/1.3	-3.4/0.5	-4.0/0.6	-4.4/5.2	-5.8/5.2	-5.1/5.2	-4.3/5.2	-4.7/5.2	-4.7/5.2	-4.6/5.2	-4.6/5.2
SDF	-3.48	0.3/2.2	-1.0/0.7	-2.4/-0.3	-2.9/-1.3	-3.2/-2.4	-4.1/-3.4	-4.3/-3.5	-4.6/2.1	-4.7/2.1	-4.1/2.1	-4.3/2.1	-3.9/2.1	-4.7/2.1	-4.1/2.1	-4.2/2.1
SEA	-2.73	-0.2/-0.5	-0.4/-1.7	-0.5/-1.3	-0.9/-1.9	-1.1/-2.3	-1.3/-1.7	-1.9/-2.8	-2.0/-3.0	-2.6/-3.0	-4.4/-3.0	-4.6/-3.0	-4.9/-3.0	-5.3/-3.0	-5.1/-3.0	-5.6/-3.0
SFO	0.25	0.3/0.6	0.5/0.4	0.4/0.8	0.4/0.3	0.7/0.8	0.8/0.6	0.7/0.1	0.5/-1.5	0.2/-1.5	0.2/-1.5	0.2/-1.5	0.0/-1.5	-0.3/-1.5	-0.5/-1.5	-0.6/-1.5
SJC	-0.16	0.6/0.4	0.6/0.1	0.4/-0.2	0.7/0.1	0.9/0.6	1.1/0.4	0.7/-0.4	0.2/-1.7	0.1/-1.7	-0.2/-1.7	-1.1/-1.7	-1.2/-1.7	-1.5/-1.7	-1.9/-1.7	-1.9/-1.7
SJT	-2.14	0.2/0.2	-0.1/1.5	-0.1/0.1	-0.2/0.1	-0.6/-2.7	-1.6/-5.5	-2.2/-5.8	-2.3/-3.7	-2.2/-3.7	-2.7/-3.7	-3.1/-3.7	-3.7/-3.7	-4.1/-3.7	-4.6/-3.7	-4.8/-3.7
SLC	-3.15	0.2/0.3	-0.7/1.4	-0.5/-0.6	-0.8/0.5	-2.1/0.3	-1.6/-0.1	-1.1/-1.1	-2.1/-2.6	-3.4/-2.6	-4.7/-2.6	-4.7/-2.6	-5.5/-2.6	-5.9/-2.6	-6.9/-2.6	-7.5/-2.6
SSI	-2.64	0.0/1.8	-0.3/2.0	-1.1/2.7	-1.8/2.5	-2.6/2.2	-3.3/1.1	-4.3/1.4	-4.0/5.3	-5.1/5.3	-3.8/5.3	-3.4/5.3	-3.0/5.3	-2.4/5.3	-2.3/5.3	-2.1/5.3
STL	-4.75	0.6/3.3	-0.5/2.0	-1.3/1.5	-2.3/-0.6	-3.6/-1.9	-4.7/-3.0	-5.0/-2.4	-5.5/1.5	-5.0/1.5	-5.5/1.5	-6.7/1.5	-7.1/1.5	-8.2/1.5	-8.3/1.5	-8.2/1.5
SYR	-3.15	1.2/2.7	1.1/2.8	1.1/2.4	0.1/0.8	-1.6/-0.7	-2.7/-0.9	-3.9/-0.5	-5.2/3.0	-5.6/3.0	-5.3/3.0	-5.3/3.0	-5.5/3.0	-5.1/3.0	-5.4/3.0	-5.3/3.0
TLH	-2.51	0.2/2.0	-0.1/1.8	-0.8/1.8	-1.5/1.8	-1.7/1.3	-2.3/1.7	-3.1/1.3	-3.4/5.5	-3.5/5.5	-3.2/5.5	-4.5/5.5	-3.5/5.5	-3.5/5.5	-3.4/5.5	-3.4/5.5
TPA	-1.35	0.3/0.3	0.1/-0.3	-0.3/-0.1	-0.7/-1.7	-1.0/-1.0	-1.4/-0.4	-1.7/-1.0	-2.0/3.7	-2.3/3.7	-2.2/3.7	-2.0/3.7	-1.8/3.7	-1.6/3.7	-2.1/3.7	-1.6/3.7
TRM	-2.99	-0.5/-0.4	-0.9/-1.8	-1.2/-1.9	-1.6/-2.1	-1.9/-2.7	-2.0/-2.1	-2.3/-3.3	-3.0/-3.7	-3.5/-3.7	-3.8/-3.7	-4.7/-3.7	-4.6/-3.7	-4.7/-3.7	-5.2/-3.7	-5.1/-3.7
TUL	-5.26	0.1/1.1	-1.0/-0.0	-1.4/-0.3	-2.7/-1.7	-3.5/-3.2	-4.3/-3.6	-5.6/-4.8	-5.3/-1.2	-5.3/-1.2	-7.1/-1.2	-7.6/-1.2	-8.2/-1.2	-8.7/-1.2	-9.0/-1.2	-9.3/-1.2
TUS	-2.22	0.6/0.6	0.1/0.1	-0.2/-0.2	-0.6/0.2	-1.0/-0.9	-1.3/-1.4	-1.9/-1.3	-2.2/-3.6	-3.0/-3.6	-3.7/-3.6	-3.9/-3.6	-4.0/-3.6	-3.8/-3.6	-4.1/-3.6	-4.1/-3.6
TYR	-3.21	-0.0/1.9	-0.8/1.7	-1.3/3.2	-1.3/2.3	-1.8/1.2	-2.6/-1.2	-3.0/-2.5	-3.7/0.3	-3.4/0.3	-3.9/0.3	-4.5/0.3	-4.8/0.3	-5.2/0.3	-5.7/0.3	-6.1/0.3
TYS	-3.75	0.7/1.6	-0.3/0.1	-1.3/-1.0	-2.4/-0.5	-3.2/-1.5	-3.8/-1.1	-4.6/-2.0	-5.1/3.3	-4.8/3.3	-4.7/3.3	-4.6/3.3	-5.3/3.3	-5.5/3.3	-5.7/3.3	-5.5/3.3
VCT	-2.70	0.3/0.9	-0.2/1.1	-0.4/2.4	-0.6/1.1	-1.5/-1.3	-2.7/-3.6	-3.1/-4.7	-3.2/-3.0	-3.3/-3.0	-3.6/-3.0	-3.7/-3.0	-4.1/-3.0	-4.4/-3.0	-4.7/-3.0	-5.1/-3.0
WJF	-1.69	-0.0/1.1	0.0/3.1	-0.2/2.1	-0.3/1.2	-0.9/0.8	-0.7/0.7	-0.9/-1.9	-2.0/-4.1	-2.7/-4.1	-2.7/-4.1	-2.9/-4.1	-2.7/-4.1	-3.0/-4.1	-3.3/-4.1	-3.1/-4.1
YKM	-2.00	0.7/0.0	1.1/-1.3	-0.3/-1.2	-0.1/-1.9	-1.2/-2.0	-1.8/-1.8	-2.1/-3.3	-1.9/-2.8	-2.5/-2.8	-3.5/-2.8	-3.0/-2.8	-3.1/-2.8	-4.0/-2.8	-3.9/-2.8	-4.3/-2.8
YNG	-4.19	0.5/0.3	0.0/-0.6	-0.7/-0.8	-1.8/-1.4	-2.4/-2.6	-3.6/-4.3	-4.9/-4.0	-5.6/2.8	-6.0/2.8	-6.1/2.8	-6.2/2.8	-6.4/2.8	-6.5/2.8	-6.7/2.8	-6.6/2.8
YQB	-4.00	-0.1/0.0	0.2/0.0	0.6/0.0	-0.0/0.0	-0.7/0.0	-1.4/0.0	-2.8/0.0	-3.9/-1.0	-4.9/-1.0	-6.3/-1.0	-7.2/-1.0	-7.8/-1.0	-8.4/-1.0	-8.4/-1.0	-8.8/-1.0
YUL	-3.97	0.5/0.0	0.6/0.0	0.5/0.0	0.0/0.0	-1.1/0.0	-2.5/0.0	-3.5/0.0	-4.7/0.5	-5.8/0.5	-6.3/0.5	-6.9/0.5	-7.4/0.5	-7.6/0.5	-7.5/0.5	-8.0/0.5
YVR	-0.85	1.0/0.0	0.8/0.0	0.5/0.0	0.3/0.0	-0.1/0.0	-0.3/0.0	-0.6/0.0	-0.6/-1.7	-0.9/-1.7	-1.6/-1.7	-1.9/-1.7	-2.0/-1.7	-2.2/-1.7	-2.5/-1.7	-2.6/-1.7
YWG	-3.89	0.1/0.0	-0.6/0.0	-1.1/0.0	-2.8/0.0	-4.1/0.0	-4.6/0.0	-5.4/0.0	-6.0/-2.6	-5.9/-2.6	-3.3/-2.6	-3.8/-2.6	-4.3/-2.6	-4.5/-2.6	-5.6/-2.6	-6.4/-2.6
YXD	-3.48	-0.1/0.0	-0.2/0.0	-0.8/0.0	-2.1/0.0	-3.3/0.0	-3.6/0.0	-5.0/0.0	-5.6/-7.8	-6.5/-7.8	-2.8/-7.8	-2.4/-7.8	-3.5/-7.8	-4.6/-7.8	-5.8/-7.8	-5.8/-7.8
YYC	-0.10	4.7/0.0	4.8/0.0	2.8/0.0	1.5/0.0	0.5/0.0	0.5/0.0	-0.4/0.0	-1.4/-2.5	-2.4/-2.5	-0.9/-2.5	-1.3/-2.5	-1.9/-2.5	-2.5/-2.5	-2.7/-2.5	-2.7/-2.5
YYZ	-3.39	0.2/0.0	0.1/0.0	-0.1/0.0	-0.8/0.0	-1.4/0.0	-2.5/0.0	-2.9/0.0	-3.6/1.1	-4.2/1.1	-3.8/1.1	-6.3/1.1	-6.3/1.1	-6.4/1.1	-6.5/1.1	-6.5/1.1

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

S_score: average of (1 - 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 (2008-11-01~2008-11-30)

	S-score	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	-0.25	2.8/0.0	5.5/3.6	7.8/6.6	9.0/8.2	9.3/9.1	9.5/8.4	8.9/7.5	8.4/7.6	9.0/7.6	9.4/7.6	10.1/7.6	10.3/7.6	10.6/7.6	10.9/7.6	10.8/--
ABI	-0.09	2.7/0.0	6.1/6.4	8.4/9.8	8.8/9.3	8.1/9.4	8.5/9.1	8.4/9.0	9.0/6.6	8.5/6.6	8.2/6.6	8.2/6.6	8.1/6.6	7.6/6.6	7.9/6.6	8.1/--
ABQ	-0.14	2.4/0.0	4.3/3.2	5.4/4.5	5.7/4.9	5.6/4.6	5.5/5.1	5.2/4.8	5.3/5.3	5.3/5.3	5.2/5.3	5.9/5.3	6.1/5.3	6.3/5.3	6.5/5.3	6.3/--
ABY	-0.00	2.8/0.0	5.5/4.7	9.5/9.7	10.9/11.8	10.4/11.2	10.0/10.9	9.9/10.4	9.8/8.7	9.5/8.7	8.3/8.7	8.5/8.7	8.7/8.7	8.9/8.7	8.9/8.7	8.7/--
ACT	-0.15	3.3/0.0	6.7/5.8	9.9/9.7	10.6/11.4	10.4/11.4	10.4/9.9	10.5/9.8	10.3/7.6	9.8/7.6	9.4/7.6	9.4/7.6	9.4/7.6	9.5/7.6	9.7/7.6	9.8/--
ACY	-0.09	3.1/0.0	5.9/5.3	7.9/9.2	9.0/10.3	9.6/10.0	9.7/9.8	8.8/7.7	8.3/8.0	8.6/8.0	9.3/8.0	9.7/8.0	9.9/8.0	9.7/8.0	10.1/8.0	9.9/--
ALB	-0.22	2.4/0.0	5.5/4.5	8.5/7.8	9.2/10.2	10.2/10.8	9.9/10.3	9.5/8.7	9.3/7.8	9.5/7.8	10.1/7.8	10.9/7.8	11.4/7.8	11.9/7.8	12.4/7.8	12.4/--
ALW	-0.60	2.4/0.0	4.0/2.5	5.5/2.9	5.2/3.6	5.6/4.4	5.3/4.3	5.1/3.3	5.8/3.9	6.2/3.9	7.0/3.9	7.0/3.9	7.0/3.9	6.6/3.9	6.4/3.9	5.8/--
AOO	-0.16	3.0/0.0	4.8/4.0	5.6/6.2	6.3/6.8	6.7/6.4	7.0/6.8	7.2/6.4	7.9/6.8	8.3/6.8	8.6/6.8	8.6/6.8	9.0/6.8	8.9/6.8	9.1/6.8	9.2/--
APN	-0.37	5.5/0.0	7.5/5.2	9.6/8.7	10.4/9.4	9.8/9.0	9.9/8.8	9.8/7.4	9.7/7.1	9.8/7.1	10.8/7.1	11.0/7.1	11.0/7.1	11.3/7.1	12.2/7.1	12.5/--
ATL	-0.02	2.2/0.0	5.2/4.6	6.9/7.9	8.0/7.9	7.8/7.6	8.1/7.5	7.4/7.0	7.5/7.1	7.2/7.1	6.8/7.1	6.9/7.1	7.2/7.1	7.2/7.1	7.4/7.1	7.2/--
AUG	-0.23	2.5/0.0	6.0/4.1	8.5/8.6	10.1/10.2	10.6/10.3	10.5/10.8	10.5/10.0	10.5/8.0	10.4/8.0	10.6/8.0	10.8/8.0	10.9/8.0	11.5/8.0	11.8/8.0	11.9/--
AUS	-0.08	6.5/0.0	8.3/6.3	10.2/11.0	10.8/14.2	10.8/12.8	11.3/12.0	12.4/11.1	12.4/9.4	11.4/9.4	10.5/9.4	10.8/9.4	10.8/9.4	10.3/9.4	10.3/9.4	10.1/--
AVP	-0.25	3.1/0.0	5.0/4.2	7.2/7.0	8.2/8.5	9.1/8.8	9.4/8.7	9.1/8.0	9.6/7.6	10.1/7.6	10.6/7.6	10.7/7.6	10.9/7.6	10.8/7.6	11.1/7.6	11.1/--
BDL	-0.21	2.0/0.0	6.3/4.2	8.8/8.0	9.4/9.2	10.0/9.2	9.4/9.4	8.7/7.8	8.2/7.8	8.1/7.8	9.0/7.8	9.8/7.8	10.5/7.8	11.4/7.8	12.1/7.8	12.0/--
BFL	-0.10	2.7/0.0	3.9/2.7	4.8/4.0	4.6/3.6	4.3/3.9	4.1/3.6	4.6/3.1	4.8/5.0	5.1/5.0	5.4/5.0	4.5/5.0	4.3/5.0	4.4/5.0	4.5/5.0	4.5/--
BGM	-0.24	2.8/0.0	4.3/4.0	6.8/6.8	8.2/7.9	8.8/8.9	9.3/8.8	8.7/7.9	8.5/7.3	9.0/7.3	10.4/7.3	10.6/7.3	11.0/7.3	11.1/7.3	11.5/7.3	11.5/--
BHM	-0.00	2.9/0.0	4.9/4.1	8.3/8.9	9.9/10.5	9.6/10.9	9.3/10.1	8.9/8.3	8.9/7.8	8.5/7.8	7.4/7.8	7.6/7.8	7.6/7.8	7.8/7.8	7.6/7.8	7.3/--
BIS	-0.27	4.4/0.0	7.8/5.1	9.3/7.1	10.0/7.8	10.6/8.0	10.6/9.1	10.5/8.0	9.5/8.2	9.2/8.2	9.7/8.2	9.8/8.2	10.1/8.2	11.0/8.2	10.6/8.2	11.1/--
BNA	-0.11	2.3/0.0	5.1/4.5	6.5/7.7	7.1/8.1	8.2/8.1	8.9/8.4	8.1/7.3	8.2/6.3	8.3/6.3	7.0/6.3	7.1/6.3	7.2/6.3	7.4/6.3	7.1/6.3	6.8/--
BOI	-0.33	1.9/0.0	4.5/2.4	5.7/3.8	5.8/4.8	5.5/5.2	4.9/4.0	4.8/4.0	5.1/4.4	5.4/4.4	5.7/4.4	5.9/4.4	5.9/4.4	6.1/4.4	6.3/4.4	6.3/--
BOS	-0.28	2.2/0.0	4.7/3.3	7.1/7.2	8.3/8.9	8.9/9.1	9.1/9.3	9.4/8.0	9.6/7.0	9.4/7.0	9.7/7.0	9.9/7.0	10.3/7.0	11.0/7.0	11.4/7.0	10.9/--
BRO	-0.11	2.8/0.0	5.4/4.3	7.6/8.4	8.6/9.6	8.6/9.7	9.4/9.8	9.5/8.9	9.0/6.7	8.5/6.7	8.2/6.7	7.8/6.7	7.9/6.7	7.8/6.7	7.7/6.7	7.7/--
BTV	-0.21	2.6/0.0	5.6/4.3	8.1/7.2	8.8/9.9	9.4/9.8	9.2/10.0	9.2/8.6	9.4/7.9	9.4/7.9	10.4/7.9	10.9/7.9	11.3/7.9	11.6/7.9	12.2/7.9	12.5/--
BUF	-0.27	2.2/0.0	3.7/2.9	5.8/5.7	6.8/6.7	7.3/6.9	8.1/7.7	8.1/7.2	7.4/6.1	8.1/6.1	8.6/6.1	9.0/6.1	9.2/6.1	9.3/6.1	9.8/6.1	9.9/--
BUR	0.04	2.2/0.0	3.6/2.7	4.7/4.1	4.8/4.5	4.5/4.1	4.6/4.1	4.3/4.0	4.3/7.1	4.9/7.1	5.6/7.1	5.7/7.1	6.3/7.1	6.4/7.1	6.7/7.1	6.9/--
BWI	-0.14	2.6/0.0	4.8/3.5	7.8/6.6	8.5/7.8	8.9/7.8	9.2/8.2	8.8/7.2	8.2/8.5	8.6/8.5	9.3/8.5	9.7/8.5	10.1/8.5	10.0/8.5	10.0/8.5	10.0/--
CAE	0.13	3.4/0.0	6.0/5.6	8.4/8.3	9.9/10.3	9.6/9.9	9.3/10.2	8.9/10.3	7.9/9.4	7.6/9.4	7.2/9.4	7.3/9.4	7.6/9.4	7.4/9.4	7.4/9.4	7.2/--
CHA	-0.05	2.1/0.0	6.0/3.7	7.7/7.5	8.6/8.6	8.1/8.2	8.1/8.2	8.2/7.4	8.0/7.1	7.3/7.1	6.4/7.1	6.6/7.1	6.9/7.1	6.9/7.1	6.9/7.1	6.5/--
CLE	-0.34	3.1/0.0	5.6/4.0	6.3/6.2	6.8/5.9	7.6/6.2	7.9/7.2	7.7/6.2	7.7/5.9	8.4/5.9	8.7/5.9	8.7/5.9	8.8/5.9	8.8/5.9	9.2/5.9	9.1/--
CLT	0.05	2.7/0.0	4.1/4.1	6.7/6.8	8.1/8.2	8.5/7.6	8.6/8.5	8.2/8.6	7.9/8.4	8.0/8.4	7.1/8.4	7.1/8.4	7.5/8.4	7.5/8.4	7.5/8.4	7.3/--
CMH	-0.14	2.5/0.0	5.2/4.3	7.2/7.2	7.5/7.6	7.8/6.4	7.7/6.6	7.8/6.8	7.8/6.8	8.3/6.8	7.8/6.8	7.9/6.8	7.7/6.8	7.7/6.8	8.0/6.8	8.1/--
CON	-0.11	3.4/0.0	7.0/5.7	10.0/10.4	11.6/11.5	12.4/11.8	11.7/11.9	10.8/10.6	10.4/9.6	9.9/9.6	10.5/9.6	11.3/9.6	11.6/9.6	12.6/9.6	13.1/9.6	13.0/--
COS	0.00	3.8/0.0	4.3/4.1	5.3/5.1	6.3/6.5	6.1/6.0	6.6/7.0	6.1/6.6	6.6/7.4	7.1/7.4	6.8/7.4	7.3/7.4	7.9/7.4	8.3/7.4	8.7/7.4	8.5/--
COU	-0.20	2.1/0.0	4.9/4.1	6.2/5.7	7.2/6.3	7.5/7.1	8.6/7.0	9.0/7.4	8.8/6.6	8.4/6.6	8.0/6.6	7.7/6.6	7.7/6.6	8.1/6.6	8.2/6.6	7.9/--
CQT	0.00	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/--
CRP	-0.16	2.3/0.0	6.3/5.7	10.0/9.0	11.5/11.4	11.4/11.3	11.0/10.8	11.0/9.5	10.2/7.3	9.6/7.3	9.3/7.3	8.8/7.3	8.6/7.3	8.5/7.3	8.4/7.3	8.3/--
CRW	-0.05	3.1/0.0	6.3/4.7	7.4/7.3	7.4/8.0	7.4/7.1	7.4/8.0	7.5/7.2	7.9/7.0	7.6/7.0	7.1/7.0	7.2/7.0	7.1/7.0	7.2/7.0	7.2/7.0	7.3/--
CVG	-0.10	2.4/0.0	4.9/5.0	6.7/7.6	7.2/7.5	7.6/6.5	8.0/7.0	8.3/7.5	8.5/7.4	8.9/7.4	8.5/7.4	8.4/7.4	8.3/7.4	8.3/7.4	8.6/7.4	8.0/--
DAY	-0.18	3.0/0.0	5.4/4.2	7.3/6.9	7.4/7.1	8.1/6.3	8.6/7.2	8.8/7.6	8.9/7.6	9.1/7.6	8.7/7.6	8.8/7.6	8.8/7.6	8.9/7.6	9.2/7.6	8.7/--
DBQ	-0.23	1.9/0.0	5.2/3.9	7.1/6.1	8.3/6.6	8.8/6.7	9.6/7.9	9.9/8.1	9.6/7.7	9.5/7.7	9.0/7.7	8.8/7.7	8.9/7.7	9.4/7.7	9.7/7.7	9.3/--
DCA	-0.15	2.0/0.0	4.9/3.0	6.7/5.4	7.4/6.7	7.9/6.4	8.3/7.2	7.2/6.3	6.6/7.2	6.7/7.2	7.5/7.2	8.1/7.2	8.2/7.2	8.3/7.2	8.4/7.2	8.2/--
DEC	-0.25	2.1/0.0	5.5/3.8	6.8/6.0	7.7/6.3	8.7/7.1	8.8/7.4	8.8/6.8	8.9/7.0	8.8/7.0	8.5/7.0	8.6/7.0	8.4/7.0	9.1/7.0	9.4/7.0	8.8/--
DEN	0.01	4.9/0.0	5.8/4.3	7.8/7.4	8.0/7.9	7.5/7.4	6.7/7.2	6.7/6.6	7.8/7.4	7.9/7.4	6.7/7.4	6.4/7.4	6.5/7.4	6.7/7.4	6.7/7.4	6.3/--
DFW	-0.17	1.9/0.0	5.8/5.0	7.3/7.2	8.0/8.6	8.1/9.2	8.6/8.3	9.1/8.7	9.4/6.5	8.8/6.5	8.1/6.5	8.0/6.5	7.9/6.5	8.2/6.5	8.4/6.5	8.2/--
DLH	-0.15	3.1/0.0	6.4/5.7	9.7/8.1	10.9/9.0	10.1/8.0	9.6/8.6	9.7/8.8	9.1/7.4	8.6/7.4	8.2/7.4	8.2/7.4	8.2/7.4	8.5/7.4	8.6/7.4	8.9/--
DSM	-0.27	2.3/0.0	5.4/4.3	7.4/6.1	8.3/6.9	8.9/7.5	9.8/8.4	9.8/8.3	9.8/6.9	9.3/6.9	8.7/6.9	8.8/6.9	8.9/6.9	9.5/6.9	9.5/6.9	9.2/--
DTW	-0.35	1.9/0.0	5.4/4.0	6.9/6.4	7.4/6.5	8.2/6.8	8.2/7.3	7.5/6.4	7.8/5.8	8.7/5.8	8.4/5.8	8.6/5.8	8.7/5.8	9.0/5.8	9.4/5.8	9.3/--
ELP	-0.09	3.6/0.0	6.0/4.7	7.0/7.1	7.0/8.2	6.4/7.7	6.7/7.0	6.7/6.9	6.4/5.6	6.6/5.6	6.7/5.6	6.8/5.6	6.5/5.6	6.6/5.6	6.7/5.6	6.6/--
ERI	-0.49	3.8/0.0	5.7/3.3	8.1/5.4	8.8/6.6	8.4/6.7	8.7/7.4	8.6/6.6	7.0/5.7	8.1/5.7	9.0/5.7	9.2/5.7	9.4/5.7	9.6/5.7	10.2/5.7	10.2/--
EUG	-0.21	2.4/0.0	4.8/2.4	5.9/4.4	6.3/4.9	6.3/5.1	5.9/4.4	5.9/4.6	5.9/6.3	6.2/6.3	6.8/6.3	6.8/6.3	6.8/6.3	6.9/6.3	6.9/6.3	6.8/--
EVV	-0.11	2.7/0.0	6.2/5.6	7.4/8.5	7.8/8.1	8.2/7.4	8.5/7.1	8.3/7.1	8.2/6.7	8.4/6.7	7.8/6.7	7.6/6.7	7.2/6.7	7.2/6.7	7.5/6.7	7.3/--
EWR	-0.12	2.1/0.0	4.1/3.7	6.7/6.9	7.5/8.0	8.1/8.4	8.6/8.0	8.4/6.6	8.2/7.6	8.3/7.6	8.8/7.6	8.8/7.6	9.2/7.6	9.4/7.6	9.8/7.6	9.4/--
FAR	-0.26	3.7/0.0	7.0/4.6	8.5/6.8	9.3/7.6	9.7/7.7	10.1/9.2	10.7/9.0	10.2/8.4	9.8/8.4	10.0/8.4	10.6/8.4	11.0/8.4	11.2/8.4	11.3/8.4	11.4/--
FAT	0.04	2.5/0.0	3.8/3.1	4.6/4.6	4.8/4.5	4.4/3.9	4.1/3.6	4.4/3.8	4.8/5.7	5.2/5.7	5.4/5.7	4.6/5.7	4.4/5.7	4.3/5.7	4.3/5.7	4.3/--
FLG	-0.11	5.3/0.0	6.1/5.0	6.6/5.3	7.5/6.3	7.3/7.3	7.1/6.1	6.5/5.8	6.2/6.2	6.1/6.2	6.2/6.2	6.6/6.2	7.2/6.2	7.2/6.2	7.4/6.2	7.6/--
FMY	0.04	1.8/0.0	4.1/3.7	6.9/6.4	7.8/7.8	7.9/8.0	7.5/6.9	8.0/7.9	8.7/8.2	8.5/8.2	7.1/8.2	6.4/8.2	6.7/8.2	6.5/8.2	6.5/8.2	6.8/--
FSD	-0.27	5.2/0.0	7.4/5.3	8.5/6.7	8.6/7.0	9.4/7.5	10.4/8.3	10.3/7.7	9.2/7.5	8.9/7.5	8.9/7.5	9.3/7.5	9.4/7.5	9.6/7.5	9.9/7.5	9.8/--
FWA	-0.27	2.5/0.0	5.5/3.9	7.3/6.7	7.6/6.4	8.8/6.5	8.7/7.0	9.0/6.6	8.9/7.3	9.5/7.3	9.1/7.3	9.1/7.3	9.2/7.3	9.5/7.3	9.7/7.3	9.5/--

GAD	0.12	3.8/0.0	6.4/4.6	9.3/8.7	10.4/11.0	10.2/11.8	10.2/11.3	10.1/10.2	9.6/10.8	8.5/10.8	7.4/10.8	7.9/10.8	8.0/10.8	8.0/10.8	7.8/10.8	7.5/--
GEG	-0.18	2.5/0.0	3.4/2.2	4.6/3.1	4.6/4.3	5.0/4.8	4.8/4.0	4.2/3.5	4.3/4.7	4.7/4.7	5.0/4.7	5.6/4.7	5.6/4.7	5.7/4.7	5.9/4.7	5.4/--
GTF	0.10	3.6/0.0	5.0/4.9	6.1/7.2	6.6/8.1	7.4/8.2	6.8/7.5	5.9/5.6	6.6/8.8	7.5/8.8	7.9/8.8	8.4/8.8	8.2/8.8	7.9/8.8	8.2/8.8	7.9/--
HOU	-0.08	4.9/0.0	7.7/5.6	9.4/9.0	8.6/10.7	7.6/10.5	8.5/9.2	9.3/7.4	9.4/6.8	8.3/6.8	7.6/6.8	7.7/6.8	7.7/6.8	7.0/6.8	6.7/6.8	6.6/--
HSV	-0.01	2.2/0.0	4.2/3.8	6.9/7.7	8.6/8.7	8.7/9.1	8.9/9.2	8.2/8.2	8.1/7.2	7.7/7.2	7.1/7.2	6.9/7.2	7.1/7.2	7.4/7.2	7.3/7.2	6.9/--
IAH	-0.15	2.4/0.0	6.3/6.4	10.0/9.6	10.5/11.0	9.5/10.1	9.1/9.1	9.6/7.7	10.3/6.7	9.1/6.7	7.8/6.7	8.1/6.7	8.0/6.7	7.9/6.7	7.8/6.7	7.8/--
ICT	-0.46	2.0/0.0	4.8/3.8	6.3/6.0	7.3/6.2	7.0/6.0	8.8/5.9	8.7/6.8	8.7/5.1	8.3/5.1	8.0/5.1	8.1/5.1	8.5/5.1	8.9/5.1	8.6/5.1	8.9/--
ILG	-0.28	2.2/0.0	5.0/2.9	7.2/6.0	7.9/7.4	7.9/7.2	8.2/6.9	7.8/6.6	7.6/6.8	8.1/6.8	8.7/6.8	9.1/6.8	9.4/6.8	9.5/6.8	9.7/6.8	9.4/--
IND	-0.12	2.2/0.0	4.8/4.3	6.5/6.9	7.0/6.8	7.8/6.6	8.3/6.9	8.3/6.7	8.3/7.2	8.6/7.2	8.2/7.2	7.9/7.2	7.8/7.2	7.8/7.2	7.9/7.2	7.3/--
IPT	-0.22	3.1/0.0	5.3/3.9	6.8/6.0	7.2/7.1	7.4/7.1	7.6/7.4	7.6/6.6	7.3/7.1	8.0/7.1	9.1/7.1	9.7/7.1	9.9/7.1	10.4/7.1	10.8/7.1	10.9/--
JAN	-0.04	1.8/0.0	5.5/4.8	9.3/9.3	10.0/10.2	10.8/11.1	9.4/10.4	8.7/8.8	9.3/7.7	9.0/7.7	7.8/7.7	8.0/7.7	8.0/7.7	8.5/7.7	7.9/7.7	7.5/--
JAX	0.04	2.5/0.0	4.7/4.7	8.2/8.4	10.6/11.0	11.4/11.8	11.2/11.7	11.0/11.3	10.9/10.3	10.2/10.3	9.3/10.3	9.4/10.3	9.7/10.3	9.7/10.3	9.6/10.3	9.5/--
JFK	-0.18	1.5/0.0	4.7/4.2	7.0/6.1	7.8/7.0	8.4/7.4	8.1/7.6	7.7/6.4	7.8/7.0	7.8/7.0	8.4/7.0	8.5/7.0	8.7/7.0	9.0/7.0	9.2/7.0	9.0/--
LAN	-0.37	2.9/0.0	4.1/3.8	6.6/6.6	7.5/6.4	8.7/7.2	9.3/8.0	9.1/7.3	9.0/6.5	9.7/6.5	9.9/6.5	10.1/6.5	10.1/6.5	10.6/6.5	11.0/6.5	10.8/--
LAS	0.07	2.0/0.0	3.5/2.8	4.7/3.4	4.7/3.7	4.2/4.5	4.3/5.0	5.0/4.6	4.9/7.3	5.0/7.3	5.5/7.3	5.5/7.3	5.7/7.3	6.0/7.3	6.2/7.3	6.6/--
LAX	-0.07	2.0/0.0	2.6/2.0	3.3/3.4	3.4/3.3	3.6/3.2	3.4/3.3	3.2/3.1	3.2/3.6	3.4/3.6	3.7/3.6	3.7/3.6	3.9/3.6	4.1/3.6	4.4/3.6	4.4/--
LEX	-0.04	2.5/0.0	4.4/4.7	5.9/7.1	6.6/7.2	7.0/7.0	7.7/7.5	8.0/7.8	8.4/7.1	8.3/7.1	7.6/7.1	7.9/7.1	7.8/7.1	7.5/7.1	7.8/7.1	7.6/--
LFK	-0.09	2.2/0.0	7.4/6.8	11.7/11.0	12.2/12.5	11.2/12.0	9.9/10.3	10.9/8.3	11.0/8.0	9.3/8.0	8.3/8.0	8.5/8.0	8.4/8.0	8.2/8.0	8.4/8.0	8.4/--
LGA	-0.25	2.0/0.0	4.5/3.4	6.2/6.0	7.2/6.5	7.7/6.6	8.2/7.2	7.9/6.2	8.2/6.8	8.3/6.8	8.6/6.8	8.6/6.8	9.1/6.8	9.4/6.8	9.7/6.8	9.1/--
LGB	-0.74	4.4/0.0	4.9/2.4	5.9/3.4	6.3/3.4	6.2/3.2	6.0/2.8	5.6/2.9	5.0/3.6	5.1/3.6	5.5/3.6	5.5/3.6	5.9/3.6	6.1/3.6	6.7/3.6	6.9/--
LIT	-0.19	3.0/0.0	5.0/4.0	6.3/6.1	7.5/7.4	7.9/7.4	7.5/6.7	7.8/5.9	8.3/5.9	8.4/5.9	7.5/5.9	7.2/5.9	6.6/5.9	6.6/5.9	6.9/5.9	6.5/--
LNS	-0.19	2.6/0.0	5.4/3.4	7.5/6.3	8.7/7.9	8.8/8.1	9.1/7.9	8.5/7.6	7.9/7.9	8.5/7.9	9.1/7.9	9.6/7.9	9.9/7.9	10.0/7.9	10.4/7.9	10.2/--
MAF	-0.05	2.6/0.0	5.7/6.4	8.9/9.4	9.0/10.3	8.7/9.6	8.4/9.1	8.7/8.5	9.2/6.9	8.5/6.9	8.0/6.9	7.8/6.9	7.6/6.9	7.3/6.9	7.3/6.9	7.4/--
MBA	-0.13	2.7/0.0	6.7/5.5	9.5/9.6	11.0/11.4	11.7/11.4	11.1/11.7	10.4/9.2	10.3/9.2	9.5/9.2	10.1/9.2	10.9/9.2	11.3/9.2	12.1/9.2	12.6/9.2	12.4/--
MCI	-0.36	2.0/0.0	4.9/4.2	6.9/6.6	8.1/6.7	7.3/7.1	9.0/7.6	9.7/8.4	9.5/6.1	9.2/6.1	8.9/6.1	9.4/6.1	9.6/6.1	9.9/6.1	9.8/6.1	9.6/--
MCN	0.04	2.7/0.0	6.1/5.8	9.7/10.0	10.3/10.9	9.7/10.4	9.4/10.5	9.5/10.2	9.2/9.0	9.0/9.0	7.9/9.0	8.2/9.0	8.9/9.0	8.9/9.0	8.7/9.0	8.5/--
MCO	0.00	2.2/0.0	4.1/4.1	7.4/7.0	8.5/8.8	8.9/8.2	8.3/7.7	8.2/8.0	8.6/8.0	8.5/8.0	7.6/8.0	7.4/8.0	7.4/8.0	7.2/8.0	7.6/8.0	7.7/--
MDT	-0.16	2.8/0.0	4.9/3.4	6.6/5.5	7.4/6.9	7.6/6.7	7.2/6.8	7.2/6.1	7.1/6.9	7.4/6.9	8.0/6.9	8.1/6.9	8.1/6.9	8.0/6.9	8.2/6.9	8.3/--
MEM	-0.20	2.3/0.0	4.6/4.2	6.8/6.4	8.7/7.7	9.5/8.0	8.7/7.4	8.7/6.1	8.4/6.2	8.1/6.2	7.6/6.2	7.4/6.2	7.0/6.2	7.0/6.2	6.7/6.2	6.0/--
MHT	-0.09	2.4/0.0	6.5/3.9	9.2/8.2	10.4/10.2	10.8/9.7	10.1/10.2	9.4/8.2	9.4/10.1	8.9/10.1	9.6/10.1	10.2/10.1	10.5/10.1	11.3/10.1	11.8/10.1	11.5/--
MIA	-0.03	1.8/0.0	3.4/3.3	5.1/5.0	5.7/5.6	5.8/5.6	6.5/6.2	7.4/6.8	7.7/6.2	7.3/6.2	6.1/6.2	5.7/6.2	5.9/6.2	5.9/6.2	5.7/6.2	6.1/--
MKE	-0.24	3.3/0.0	6.2/4.2	7.6/6.6	8.4/7.1	9.0/7.2	8.7/7.7	9.4/7.4	9.4/7.3	9.5/7.3	8.6/7.3	8.4/7.3	8.7/7.3	9.1/7.3	9.3/7.3	8.6/--
MOB	0.05	2.6/0.0	6.1/5.6	9.7/11.0	10.7/11.6	10.0/12.2	10.0/11.6	9.6/10.2	9.5/8.5	8.4/8.5	7.7/8.5	8.1/8.5	8.2/8.5	8.4/8.5	8.3/8.5	8.0/--
MSP	-0.26	2.2/0.0	5.6/4.0	7.8/6.1	8.1/7.0	8.9/6.5	8.9/7.9	9.2/7.9	8.7/6.8	8.3/6.8	8.0/6.8	8.2/6.8	8.4/6.8	9.1/6.8	9.1/6.8	8.8/--
MSY	-0.21	3.2/0.0	5.8/4.4	9.5/8.5	10.6/9.3	10.1/9.7	8.9/9.0	8.5/7.9	8.6/5.9	7.9/5.9	7.2/5.9	7.4/5.9	7.4/5.9	7.6/5.9	7.3/5.9	6.7/--
MWL	-0.12	3.0/0.0	6.8/6.6	8.4/8.7	8.6/9.2	8.6/9.3	8.8/9.0	9.1/7.9	9.1/6.6	8.3/6.6	7.8/6.6	7.9/6.6	8.0/6.6	7.9/6.6	7.9/6.6	8.0/--
NKX	-0.21	3.5/0.0	3.8/3.4	5.2/4.6	5.6/4.2	5.6/4.3	5.3/4.1	4.4/4.0	4.1/0.0	4.6/0.0	5.0/0.0	5.5/0.0	5.8/0.0	6.0/0.0	6.1/0.0	6.5/--
NTU	-0.01	2.6/0.0	4.9/4.6	7.0/7.6	8.2/9.0	8.4/8.6	9.0/8.6	8.6/8.1	8.3/8.7	8.5/8.7	8.8/8.7	8.8/8.7	8.9/8.7	9.1/8.7	9.1/8.7	8.8/--
OAK	-0.39	2.6/0.0	3.5/3.9	4.6/4.9	4.8/4.8	4.7/4.8	4.7/4.7	5.0/4.1	5.5/3.5	5.7/3.5	5.9/3.5	5.6/3.5	5.9/3.5	6.2/3.5	6.7/3.5	6.4/--
OKC	-0.46	2.6/0.0	6.2/5.0	6.7/7.6	8.0/7.3	7.5/6.7	8.5/6.0	8.2/7.2	9.0/4.9	8.3/4.9	7.7/4.9	8.1/4.9	8.1/4.9	8.7/4.9	8.8/4.9	8.7/--
OMA	-0.29	2.1/0.0	5.0/3.6	7.1/5.3	8.3/6.5	8.4/6.9	8.7/7.3	8.5/7.3	8.0/5.7	7.4/5.7	7.0/5.7	7.1/5.7	7.3/5.7	7.7/5.7	7.4/5.7	7.4/--
ORD	-0.14	2.7/0.0	4.9/3.4	6.5/6.8	6.9/6.5	7.8/7.0	8.3/7.4	9.1/7.4	8.8/7.4	8.8/7.4	8.2/7.4	8.1/7.4	7.9/7.4	8.4/7.4	8.5/7.4	7.7/--
ORH	-0.19	2.7/0.0	5.1/4.5	7.8/8.4	9.7/9.9	10.9/10.6	10.8/10.4	10.8/9.6	10.6/8.7	10.2/8.7	10.6/8.7	11.1/8.7	11.7/8.7	12.5/8.7	13.1/8.7	12.7/--
PDT	-0.64	3.5/0.0	4.4/2.7	5.7/3.8	5.7/4.1	5.9/4.3	6.3/4.3	6.4/3.8	7.2/4.6	7.5/4.6	8.2/4.6	8.1/4.6	8.4/4.6	8.6/4.6	8.9/4.6	8.7/--
PDX	-0.41	4.2/0.0	5.7/2.7	6.7/3.8	6.7/4.0	5.9/4.3	5.2/4.0	5.2/3.8	5.2/5.0	5.8/5.0	6.4/5.0	6.5/5.0	6.5/5.0	6.7/5.0	6.9/5.0	7.1/--
PHL	-0.24	1.7/0.0	4.4/3.2	6.6/6.0	7.7/6.9	8.0/6.8	8.5/7.5	7.8/6.4	7.3/6.5	7.8/6.5	8.2/6.5	8.6/6.5	8.8/6.5	8.9/6.5	9.2/6.5	9.0/--
PHX	0.01	2.4/0.0	2.8/2.8	3.8/3.0	4.4/3.9	4.2/4.0	4.4/4.1	4.7/4.6	4.5/6.1	4.9/6.1	5.4/6.1	5.6/6.1	5.9/6.1	6.1/6.1	6.1/6.1	6.2/--
PIR	-0.29	3.1/0.0	6.2/4.6	7.7/6.5	8.2/6.5	9.2/6.7	9.7/8.1	9.7/8.5	8.9/6.4	8.0/6.4	8.0/6.4	8.3/6.4	8.5/6.4	9.2/6.4	9.1/6.4	9.4/--
PIT	-0.23	2.7/0.0	4.9/4.2	6.0/5.7	6.1/6.9	6.6/6.0	6.7/6.5	7.1/6.1	7.5/6.2	8.2/6.2	8.3/6.2	8.5/6.2	8.7/6.2	9.0/6.2	9.2/6.2	9.2/--
PVD	-0.16	2.5/0.0	6.1/4.5	9.1/8.0	9.9/10.7	10.2/10.6	10.3/10.6	9.9/8.7	9.2/8.2	9.2/8.2	9.6/8.2	10.0/8.2	10.4/8.2	11.0/8.2	11.4/8.2	10.8/--
PWM	-0.18	2.3/0.0	6.4/4.3	9.4/9.0	11.1/11.3	11.6/11.0	11.3/11.4	10.6/10.1	10.4/8.7	9.9/8.7	10.2/8.7	10.8/8.7	10.9/8.7	11.6/8.7	12.1/8.7	11.9/--
RAL	0.00	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/--
RAP	-0.22	2.7/0.0	4.6/4.6	5.6/5.2	6.9/6.4	7.9/5.9	8.1/7.1	7.9/6.7	7.6/5.9	7.3/5.9	7.3/5.9	7.4/5.9	7.6/5.9	7.8/5.9	8.0/5.9	8.3/--
RBL	0.09	2.4/0.0	3.8/3.9	4.0/5.1	4.1/5.0	3.4/4.7	3.0/4.1	3.0/3.6	3.3/3.9	3.8/3.9	4.2/3.9	3.9/3.9	4.0/3.9	4.0/3.9	4.1/3.9	4.2/--
RDD	0.06	4.5/0.0	4.4/4.0	4.9/6.0	5.0/5.0	4.5/5.7	4.0/4.2	4.2/4.0	4.6/5.5	5.1/5.5	5.5/5.5	5.2/5.5	5.2/5.5	5.2/5.5	5.3/5.5	5.3/--
RDU	0.00	2.4/0.0	4.6/4.7	6.8/7.2	8.2/8.6	8.9/8.4	9.2/8.6	8.5/8.9	7.7/7.8	7.9/7.8	7.7/7.8	7.6/7.8	7.9/7.8	7.9/7.8	7.9/7.8	7.6/--
RIC	-0.08	3.3/0.0	5.8/4.6	7.2/7.9	8.0/8.6	8.8/8.8	9.4/9.0	8.9/8.2	8.8/8.1	8.6/8.1	8.8/8.1	8.9/8.1	9.1/8.1	9.2/8.1	9.3/8.1	8.9/--
RNO	-0.08	3.9/0.0	5.4/3.1	6.3/4.5	5.9/4.5	5.2/4.1	5.4/3.8	5.0/4.0	5.2/7.3	5.6/7.3	5.9/7.3	5.9/7.3	5.9/7.3	6.3/7.3	7.1/7.3	6.8/--

ROA	-0.07	2.7/0.0	4.8/4.0	5.5/6.2	6.1/6.4	7.0/6.8	7.0/6.9	7.2/7.0	7.2/6.9	7.2/6.9	7.4/6.9	7.7/6.9	8.0/6.9	8.2/6.9	8.4/6.9	8.0/--
ROC	-0.34	3.9/0.0	5.5/4.6	6.5/6.7	7.5/7.5	8.7/8.4	9.5/8.6	8.9/7.7	8.7/6.3	9.3/6.3	9.9/6.3	10.0/6.3	10.4/6.3	10.6/6.3	10.8/6.3	10.7/--
SAC	-0.43	2.6/0.0	3.3/2.5	4.7/4.5	5.3/4.4	4.9/4.0	4.6/3.3	4.5/3.0	4.9/3.3	5.4/3.3	5.3/3.3	4.9/3.3	5.1/3.3	5.2/3.3	5.4/3.3	5.4/--
SAN	-0.67	3.3/0.0	4.3/1.7	5.2/2.9	5.1/3.1	5.0/2.8	4.6/2.4	4.1/2.4	4.0/3.4	4.5/3.4	4.7/3.4	5.2/3.4	5.4/3.4	5.7/3.4	5.9/3.4	6.1/--
SAT	-0.14	3.8/0.0	6.4/5.4	8.7/8.9	8.5/11.5	8.7/9.9	9.5/10.3	10.1/8.9	10.5/7.3	9.6/7.3	9.2/7.3	9.2/7.3	9.2/7.3	8.7/7.3	8.9/7.3	8.5/--
SAV	-0.07	3.4/0.0	6.3/5.4	10.1/10.5	11.2/11.8	10.9/10.8	11.7/10.4	11.6/11.0	11.1/9.2	10.7/9.2	10.2/9.2	9.6/9.2	9.8/9.2	9.7/9.2	9.4/9.2	9.2/--
SDF	-0.08	3.1/0.0	5.1/5.0	6.4/7.9	7.0/7.9	7.5/7.2	7.7/7.2	8.1/7.4	8.3/6.5	8.0/6.5	7.6/6.5	7.5/6.5	7.3/6.5	7.1/6.5	7.3/6.5	7.1/--
SEA	-0.21	2.0/0.0	4.3/2.5	5.3/4.1	5.2/4.3	5.4/4.2	4.9/3.7	4.1/3.7	4.5/5.0	5.2/5.0	6.0/5.0	6.3/5.0	5.8/5.0	5.9/5.0	5.9/5.0	6.0/--
SFO	0.10	1.7/0.0	2.5/2.0	3.0/3.3	3.1/3.2	2.9/2.6	2.7/2.5	2.6/2.4	2.8/4.0	3.0/4.0	2.9/4.0	3.0/4.0	3.0/4.0	2.9/4.0	3.2/4.0	3.3/--
SJC	-0.13	2.3/0.0	3.2/2.8	4.3/3.8	4.5/3.4	4.0/3.3	3.6/2.9	3.6/2.8	4.2/4.7	4.9/4.7	5.1/4.7	4.8/4.7	4.9/4.7	5.0/4.7	5.6/4.7	5.6/--
SJT	-0.04	3.8/0.0	7.3/8.5	10.8/11.5	11.2/12.6	11.5/12.2	11.0/11.5	10.9/9.8	10.8/8.4	9.7/8.4	9.2/8.4	9.5/8.4	9.0/8.4	8.7/8.4	8.7/8.4	8.8/--
SLC	-0.38	3.2/0.0	5.8/2.3	6.5/3.6	6.6/4.1	6.1/4.5	5.8/4.5	5.2/4.2	5.4/5.1	6.0/5.1	5.8/5.1	5.7/5.1	5.9/5.1	6.2/5.1	6.5/5.1	6.1/--
SSI	0.01	2.2/0.0	4.2/3.3	7.0/7.1	8.8/8.6	8.4/8.8	8.8/9.6	9.1/9.3	9.0/8.6	8.8/8.6	8.0/8.6	7.8/8.6	8.1/8.6	8.0/8.6	8.2/8.6	8.1/--
STL	-0.13	1.8/0.0	5.7/5.0	7.0/6.3	7.9/7.4	8.6/7.4	9.1/7.5	9.4/8.0	9.3/7.5	8.9/7.5	8.3/7.5	8.2/7.5	7.8/7.5	8.0/7.5	8.2/7.5	7.7/--
SYR	-0.26	2.7/0.0	6.2/5.4	8.0/7.6	8.8/8.7	9.2/9.4	9.3/8.7	9.2/8.5	9.5/6.8	9.6/6.8	10.0/6.8	9.4/6.8	9.8/6.8	9.9/6.8	10.0/6.8	10.1/--
TLH	0.07	4.0/0.0	7.9/5.4	11.6/10.7	13.1/13.1	12.5/12.9	12.2/13.3	11.7/12.6	11.0/11.2	9.6/11.2	8.6/11.2	8.7/11.2	8.7/11.2	8.8/11.2	9.1/11.2	9.1/--
TPA	0.02	1.8/0.0	4.5/4.7	7.5/7.1	9.1/8.7	10.4/9.1	9.8/8.9	8.8/8.2	9.3/8.3	8.5/8.3	7.3/8.3	7.0/8.3	7.1/8.3	6.8/8.3	6.8/8.3	6.8/--
TRM	0.01	5.7/0.0	7.6/5.4	8.1/6.8	8.1/7.0	7.5/8.6	7.3/8.9	7.2/9.0	7.4/8.1	7.6/8.1	7.5/8.1	7.7/8.1	7.8/8.1	7.9/8.1	8.1/8.1	8.0/--
TUL	-0.35	1.5/0.0	5.4/4.5	6.3/7.0	7.6/7.4	7.7/7.6	8.8/6.7	9.0/7.4	8.9/5.3	8.5/5.3	7.8/5.3	8.0/5.3	7.8/5.3	8.5/5.3	8.5/5.3	8.2/--
TUS	-0.05	2.4/0.0	3.3/3.6	4.3/4.3	4.7/5.3	4.8/5.3	5.5/5.2	5.6/5.8	5.8/6.1	6.4/6.1	6.9/6.1	6.7/6.1	7.2/6.1	7.5/6.1	7.6/6.1	7.7/--
TYR	-0.12	2.0/0.0	5.6/5.2	8.1/8.7	8.4/9.3	8.1/8.6	7.8/7.9	8.4/6.6	8.4/6.3	8.2/6.3	7.4/6.3	7.1/6.3	7.2/6.3	7.3/6.3	7.2/6.3	7.2/--
TYS	-0.13	3.1/0.0	6.0/4.4	7.8/7.6	8.5/8.4	8.2/7.9	8.5/8.1	8.5/7.9	8.4/7.0	8.1/7.0	7.5/7.0	7.7/7.0	8.2/7.0	8.5/7.0	8.5/7.0	8.3/--
VCT	-0.11	2.4/0.0	6.8/7.1	10.8/9.8	11.6/13.4	11.8/12.3	11.4/11.2	11.7/10.3	11.2/8.1	10.2/8.1	9.6/8.1	9.5/8.1	9.4/8.1	9.2/8.1	9.2/8.1	9.2/--
WJF	-0.44	9.5/0.0	9.4/4.0	9.5/5.0	9.3/5.3	8.6/6.6	8.7/5.7	7.9/4.9	6.8/5.8	6.9/5.8	7.2/5.8	6.8/5.8	6.8/5.8	6.6/5.8	6.8/5.8	7.0/--
YKM	-0.31	4.1/0.0	5.4/2.6	7.1/4.8	6.6/5.4	6.4/5.1	6.0/4.9	5.9/4.6	6.0/5.5	6.3/5.5	6.9/5.5	6.8/5.5	6.6/5.5	6.7/5.5	7.0/5.5	7.0/--
YNG	-0.32	2.7/0.0	4.7/4.6	5.6/5.9	6.1/6.8	5.9/6.1	6.7/6.6	6.7/6.1	7.0/5.3	7.6/5.3	8.6/5.3	8.7/5.3	9.0/5.3	9.4/5.3	9.8/5.3	9.9/--
YQB	-0.38	3.7/0.0	6.3/0.0	8.2/0.0	8.7/0.0	8.8/0.0	8.7/0.0	9.3/0.0	9.6/7.5	9.4/7.5	10.1/7.5	10.2/7.5	10.3/7.5	11.2/7.5	11.8/7.5	12.0/--
YUL	-0.40	10.2/0.0	8.4/0.0	6.6/0.0	4.8/0.0	4.6/0.0	5.9/0.0	7.3/0.0	8.3/6.8	8.9/6.8	9.3/6.8	9.2/6.8	9.7/6.8	10.2/6.8	10.7/6.8	11.0/--
YVR	-0.12	6.1/0.0	5.6/0.0	4.7/0.0	4.6/0.0	4.7/0.0	5.8/0.0	6.9/0.0	6.6/5.2	6.5/5.2	5.6/5.2	5.4/5.2	5.4/5.2	5.7/5.2	6.0/5.2	6.1/--
YWG	-0.39	4.3/0.0	6.8/0.0	9.5/0.0	9.3/0.0	9.8/0.0	10.2/0.0	10.7/0.0	10.9/7.6	10.9/7.6	10.5/7.6	10.5/7.6	10.6/7.6	10.7/7.6	10.6/7.6	10.3/--
YXD	0.34	8.9/0.0	7.4/0.0	6.6/0.0	6.1/0.0	6.2/0.0	7.4/0.0	7.6/0.0	8.2/10.9	7.8/10.9	7.4/10.9	7.5/10.9	6.8/10.9	6.2/10.9	6.4/10.9	6.1/--
YYC	0.23	6.4/0.0	5.7/0.0	5.0/0.0	5.2/0.0	5.0/0.0	4.8/0.0	4.9/0.0	5.3/7.1	5.4/7.1	5.4/7.1	5.6/7.1	5.3/7.1	5.4/7.1	5.9/7.1	5.6/--
YYZ	-0.73	9.5/0.0	8.8/0.0	6.5/0.0	6.1/0.0	6.6/0.0	7.6/0.0	8.2/0.0	9.2/6.1	10.1/6.1	10.2/6.1	10.5/6.1	10.8/6.1	11.0/6.1	11.7/6.1	11.9/--

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

	avg-bias	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
ABE	-5.18	-0.2/0.0	-0.3/1.1	-0.8/0.0	-2.0/-0.3	-2.6/-0.9	-3.9/-1.6	-4.3/-2.7	-4.8/-1.0	-5.9/-1.0	-7.1/-1.0	-8.1/-1.0	-8.9/-1.0	-9.1/-1.0	-9.7/--	-10.1/--
ABI	-3.14	0.6/0.0	0.2/3.4	-0.4/4.6	-1.5/3.4	-1.8/3.3	-2.3/2.1	-2.8/0.3	-3.6/0.4	-3.6/0.4	-4.2/0.4	-4.8/0.4	-5.3/0.4	-5.4/0.4	-5.8/--	-6.3/--
ABQ	-2.39	0.3/0.0	-0.2/1.5	-0.5/1.4	-1.1/1.1	-1.3/0.3	-1.5/-0.4	-1.6/-0.7	-1.8/-4.0	-2.4/-4.0	-2.4/-4.0	-3.6/-4.0	-4.3/-4.0	-5.0/-4.0	-5.3/--	-5.2/--
ABY	-3.71	-0.5/0.0	-1.0/1.3	-1.5/0.4	-2.5/0.1	-3.6/0.6	-4.3/0.8	-4.8/0.9	-4.8/1.7	-5.7/1.7	-5.1/1.7	-4.5/1.7	-4.2/1.7	-4.7/1.7	-4.7/--	-3.9/--
ACT	-4.55	-0.2/0.0	-1.2/4.7	-2.0/4.8	-2.4/4.4	-2.4/3.1	-3.6/1.9	-4.7/-0.5	-5.5/-0.1	-5.5/-0.1	-5.7/-0.1	-6.2/-0.1	-6.8/-0.1	-7.3/-0.1	-7.4/--	-7.5/--
ACY	-4.21	0.2/0.0	0.0/1.2	-0.4/-0.4	-1.3/-0.4	-2.2/-1.5	-3.0/-1.1	-3.5/-2.7	-4.1/-1.2	-4.9/-1.2	-6.1/-1.2	-6.7/-1.2	-7.5/-1.2	-7.6/-1.2	-8.0/--	-8.4/--
ALB	-5.45	-0.6/0.0	-0.7/0.4	-0.7/0.1	-1.0/-0.9	-1.7/-2.4	-3.1/-2.7	-4.8/-3.3	-5.6/-1.7	-6.5/-1.7	-7.5/-1.7	-8.8/-1.7	-9.6/-1.7	-10.1/-1.7	-10.3/--	-10.7/--
ALW	-3.76	-0.8/0.0	-1.3/0.2	-2.0/-0.6	-2.4/-1.3	-3.1/-1.3	-4.0/-2.3	-4.2/-2.5	-4.4/-2.0	-4.9/-2.0	-5.8/-2.0	-4.9/-2.0	-4.8/-2.0	-4.7/-2.0	-4.8/--	-4.4/--
AOO	-4.36	0.3/0.0	-0.1/-1.4	-0.7/-2.1	-1.3/-2.7	-2.2/-2.7	-3.7/-3.6	-4.6/-4.4	-5.5/0.3	-6.1/0.3	-6.3/0.3	-6.6/0.3	-7.0/0.3	-6.9/0.3	-7.2/--	-7.6/--
APN	-6.54	-0.7/0.0	-0.7/1.4	-0.9/1.4	-1.6/0.4	-4.0/-0.7	-5.7/-1.7	-6.7/-1.9	-7.4/-0.7	-7.9/-0.7	-9.1/-0.7	-9.8/-0.7	-10.0/-0.7	-10.5/-0.7	-11.5/--	-11.6/--
ATL	-3.43	-0.5/0.0	-0.8/1.7	-1.4/1.7	-2.2/1.2	-3.3/1.0	-3.7/0.5	-3.9/0.7	-4.4/3.0	-4.8/3.0	-4.4/3.0	-4.4/3.0	-4.3/3.0	-4.5/3.0	-4.9/--	-4.0/--
AUG	-4.39	-0.5/0.0	-0.3/0.8	-0.3/0.6	-0.2/0.3	-0.8/-0.3	-1.4/-0.8	-2.6/-2.5	-4.3/-1.1	-5.8/-1.1	-6.9/-1.1	-7.5/-1.1	-8.2/-1.1	-8.8/-1.1	-8.9/--	-9.2/--
AUS	-3.64	-0.7/0.0	-1.1/4.6	-1.2/4.5	-1.3/6.1	-1.6/6.0	-3.0/3.6	-3.5/0.4	-4.4/5.2	-4.4/5.2	-4.2/5.2	-5.1/5.2	-5.9/5.2	-6.2/5.2	-6.5/--	-5.6/--
AVP	-5.83	-1.2/0.0	-1.5/-1.4	-1.7/-1.4	-2.5/-1.9	-3.5/-2.3	-5.2/-2.7	-6.4/-3.8	-7.3/-0.7	-7.7/-0.7	-8.2/-0.7	-8.4/-0.7	-8.4/-0.7	-8.2/-0.7	-8.6/--	-8.9/--
BDL	-4.19	0.2/0.0	0.6/0.1	0.6/1.0	0.2/0.3	-0.6/-1.0	-1.6/-1.7	-3.1/-2.5	-4.0/-0.7	-4.8/-0.7	-6.2/-0.7	-7.4/-0.7	-8.3/-0.7	-9.1/-0.7	-9.5/--	-9.9/--
BFL	-1.78	-0.2/0.0	-0.4/0.2	-0.6/0.6	-1.1/-0.2	-1.3/-1.2	-1.4/-1.2	-1.6/-0.3	-1.7/-4.1	-2.1/-4.1	-2.3/-4.1	-2.0/-4.1	-2.4/-4.1	-3.0/-4.1	-3.3/--	-3.3/--
BGM	-5.72	-0.5/0.0	-0.6/-0.1	-1.0/-0.1	-1.3/-0.3	-2.3/-0.8	-4.0/-1.7	-5.2/-2.6	-6.4/-0.1	-7.1/-0.1	-8.5/-0.1	-8.9/-0.1	-9.5/-0.1	-9.6/-0.1	-10.2/--	-10.7/--
BHM	-3.83	-1.0/0.0	-1.3/2.2	-2.2/2.8	-2.8/0.3	-3.3/2.3	-4.1/2.1	-4.4/0.8	-5.3/2.2	-5.6/2.2	-5.1/2.2	-4.5/2.2	-4.3/2.2	-4.6/2.2	-5.1/--	-3.9/--
BIS	-5.65	-1.3/0.0	-1.8/1.7	-2.8/-0.0	-3.9/-0.5	-4.7/-2.2	-5.2/-2.7	-6.0/-2.5	-5.1/-4.4	-5.0/-4.4	-6.5/-4.4	-7.2/-4.4	-7.8/-4.4	-9.0/-4.4	-8.9/--	-9.5/--
BNA	-3.56	-0.5/0.0	-1.0/2.4	-1.7/2.0	-2.1/2.6	-3.4/2.8	-3.6/2.0	-3.7/0.9	-4.9/3.5	-5.4/3.5	-4.5/3.5	-4.3/3.5	-4.2/3.5	-4.5/3.5	-5.1/--	-4.3/--
BOI	-3.37	-0.3/0.0	-0.9/-0.0	-1.6/-1.2	-1.9/-1.2	-2.5/-1.2	-3.2/-1.7	-3.2/-3.1	-3.6/-3.6	-3.8/-3.6	-4.6/-3.6	-4.4/-3.6	-4.6/-3.6	-5.1/-3.6	-5.4/--	-5.4/--
BOS	-3.67	-0.3/0.0	0.1/1.5	0.0/2.6	-0.0/1.8	-0.9/0.9	-1.8/-0.2	-2.9/-1.2	-4.0/0.9	-4.9/0.9	-5.4/0.9	-6.1/0.9	-6.7/0.9	-7.2/0.9	-7.4/--	-7.6/--
BRO	-2.13	-0.2/0.0	-0.6/3.1	-1.2/4.1	-1.1/4.7	-1.3/4.1	-2.1/3.1	-2.8/0.7	-2.7/-0.5	-2.4/-0.5	-2.1/-0.5	-2.2/-0.5	-2.9/-0.5	-3.3/-0.5	-3.5/--	-3.5/--
BTV	-5.51	-0.4/0.0	-0.2/-0.1	-0.1/-0.1	-0.4/-0.8	-1.1/-2.2	-2.5/-2.5	-4.2/-3.7	-5.6/-1.8	-6.6/-1.8	-8.3/-1.8	-9.4/-1.8	-10.4/-1.8	-10.7/-1.8	-11.0/--	-11.5/--
BUF	-4.68	-0.2/0.0	-0.2/0.3	-0.4/0.0	-1.2/-0.6	-2.4/-0.2	-3.4/-1.2	-4.5/-2.1	-5.3/0.3	-6.0/0.3	-7.0/0.3	-7.4/0.3	-7.5/0.3	-7.6/0.3	-8.5/--	-8.5/--
BUR	-3.26	-0.3/0.0	-0.8/-0.7	-1.2/-0.7	-1.6/-1.5	-1.9/-1.5	-2.2/-1.1	-2.0/-2.0	-2.3/-7.1	-2.7/-7.1	-4.3/-7.1	-4.8/-7.1	-5.5/-7.1	-5.9/-7.1	-6.6/--	-6.7/--
BWI	-4.51	0.1/0.0	0.0/0.4	-0.4/-1.0	-1.4/-1.3	-2.2/-1.5	-3.1/-2.4	-3.7/-3.3	-3.9/-2.5	-4.9/-2.5	-6.6/-2.5	-7.4/-2.5	-8.2/-2.5	-8.4/-2.5	-8.8/--	-8.9/--
CAE	-2.75	-0.6/0.0	-0.6/4.0	-1.2/3.1	-2.0/2.2	-2.7/2.8	-3.0/2.8	-3.4/2.2	-3.8/5.3	-4.2/5.3	-3.5/5.3	-3.5/5.3	-3.3/5.3	-3.3/5.3	-3.5/--	-2.8/--
CHA	-2.55	-0.1/0.0	-0.3/1.7	-0.7/2.2	-1.6/2.1	-2.6/2.5	-2.9/2.6	-2.9/1.3	-3.9/3.3	-4.5/3.3	-3.8/3.3	-3.2/3.3	-2.9/3.3	-2.9/3.3	-3.5/--	-2.4/--
CLE	-4.65	-0.2/0.0	-0.1/0.9	-0.8/0.9	-1.7/0.6	-2.5/-0.2	-3.7/-1.0	-4.5/-1.7	-5.5/1.0	-6.2/1.0	-7.0/1.0	-6.8/1.0	-7.0/1.0	-7.3/1.0	-8.3/--	-8.4/--
CLT	-3.14	-0.6/0.0	-0.9/3.2	-1.6/2.1	-2.5/2.7	-3.1/2.6	-3.2/2.0	-3.7/1.5	-4.1/6.4	-4.5/6.4	-4.0/6.4	-3.9/6.4	-3.6/6.4	-3.8/6.4	-4.1/--	-3.6/--
CMH	-4.28	-0.5/0.0	-0.8/0.9	-1.7/1.1	-2.2/0.6	-3.4/-0.0	-4.2/-1.1	-4.6/-0.8	-5.3/1.3	-5.8/1.3	-5.5/1.3	-5.0/1.3	-5.5/1.3	-5.9/1.3	-6.8/--	-6.9/--
CON	-4.94	-0.4/0.0	-0.1/-0.1	-0.2/0.4	-0.7/0.5	-1.3/-1.0	-1.8/-0.5	-3.6/-2.0	-4.8/-0.2	-5.6/-0.2	-6.9/-0.2	-8.4/-0.2	-9.4/-0.2	-10.0/-0.2	-10.1/--	-10.6/--
COS	-3.54	-0.3/0.0	-0.8/0.2	-0.7/-0.9	-1.1/-1.3	-1.3/-2.1	-1.7/-3.4	-2.6/-2.7	-3.1/-6.3	-4.2/-6.3	-4.7/-6.3	-5.6/-6.3	-6.3/-6.3	-6.7/-6.3	-7.0/--	-7.0/--
COU	-4.15	-0.2/0.0	-1.0/1.5	-2.2/0.7	-3.4/0.1	-3.9/0.2	-4.7/-0.7	-5.0/-0.8	-5.4/-0.3	-5.3/-0.3	-4.7/-0.3	-4.8/-0.3	-4.9/-0.3	-5.6/-0.3	-5.7/--	-5.5/--
COT	0.00	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/--	0.0/--
CRP	-2.78	0.1/0.0	-0.1/4.3	-0.7/5.2	-0.4/6.0	-1.0/5.2	-2.0/4.2	-3.3/0.9	-4.1/0.2	-3.8/0.2	-3.1/0.2	-3.8/0.2	-4.5/0.2	-5.0/0.2	-5.2/--	-5.1/--
CRW	-2.91	-0.4/0.0	-0.4/1.5	-0.9/1.8	-1.7/1.7	-2.4/1.4	-2.8/1.1	-3.3/0.3	-3.8/2.0	-3.8/2.0	-3.9/2.0	-3.8/2.0	-3.8/2.0	-3.8/2.0	-4.3/--	-4.6/--
CVG	-3.96	-0.4/0.0	-0.8/1.4	-1.7/1.3	-2.0/0.9	-3.1/0.8	-3.6/-0.3	-4.1/-1.1	-4.8/2.2	-5.5/2.2	-5.1/2.2	-4.8/2.2	-5.2/2.2	-5.7/2.2	-6.6/--	-6.2/--
DAY	-4.59	-0.4/0.0	-0.9/1.1	-1.7/0.9	-2.2/0.9	-3.1/0.4	-4.0/-0.2	-4.7/-1.4	-5.3/2.4	-6.2/2.4	-6.2/2.4	-5.9/2.4	-6.3/2.4	-6.8/2.4	-7.8/--	-7.3/--
DBQ	-5.22	-0.2/0.0	-1.2/-0.9	-2.3/-1.6	-3.3/-1.0	-4.6/-2.1	-5.2/-2.5	-6.0/-3.8	-6.4/-1.3	-6.9/-1.3	-6.4/-1.3	-6.2/-1.3	-6.5/-1.3	-7.5/-1.3	-8.0/--	-7.6/--
DCA	-3.57	0.2/0.0	0.4/0.1	-0.1/-0.7	-1.0/-0.4	-1.8/-1.2	-2.6/-1.4	-3.3/-2.4	-3.5/-0.1	-4.2/-0.1	-5.3/-0.1	-5.9/-0.1	-6.3/-0.1	-6.5/-0.1	-6.9/--	-6.8/--
DEC	-5.47	-0.4/0.0	-1.2/1.4	-2.0/-0.1	-3.3/-0.9	-4.2/0.0	-5.0/-0.2	-5.6/-1.1	-6.2/0.7	-6.7/0.7	-6.6/0.7	-7.0/0.7	-7.3/0.7	-8.4/0.7	-9.3/--	-8.6/--
DEN	-1.46	0.4/0.0	0.2/-0.6	0.8/-1.6	0.8/-2.1	0.2/-2.7	-0.4/-2.5	-1.1/-2.6	-1.6/-5.7	-1.9/-5.7	-2.8/-5.7	-2.8/-5.7	-3.6/-5.7	-3.6/-5.7	-3.5/--	-3.0/--
DFW	-4.36	-0.3/0.0	-1.1/-0.5	-1.8/-0.5	-2.4/-1.2	-2.5/-1.3	-3.3/-3.3	-4.4/-4.2	-5.4/-4.2	-5.2/-4.2	-5.2/-4.2	-5.9/-4.2	-6.4/-4.2	-7.1/-4.2	-7.4/--	-7.1/--
DLH	-4.00	0.2/0.0	-0.0/0.2	-0.7/0.9	-1.9/0.4	-2.9/-1.2	-3.7/-2.8	-4.4/-3.3	-5.1/-2.3	-5.4/-2.3	-5.0/-2.3	-5.1/-2.3	-5.7/-2.3	-6.4/-2.3	-6.8/--	-7.1/--
DSM	-4.84	-0.1/0.0	-0.5/0.7	-1.6/-0.3	-2.7/0.2	-3.9/-2.7	-4.5/-3.0	-5.3/-2.8	-5.7/-1.7	-5.7/-1.7	-5.5/-1.7	-6.1/-1.7	-6.9/-1.7	-7.9/-1.7	-8.2/--	-7.9/--
DTW	-5.07	-0.4/0.0	-0.5/0.7	-1.0/1.7	-1.9/0.7	-3.2/0.0	-4.5/-1.0	-5.1/-1.9	-6.2/1.2	-6.9/1.2	-6.7/1.2	-6.8/1.2	-7.5/1.2	-7.8/1.2	-8.7/--	-8.8/--
ELP	-2.83	0.1/0.0	-0.3/3.3	-1.0/3.4	-1.4/2.0	-2.3/2.7	-2.8/-0.1	-2.9/-1.1	-2.7/-0.9	-3.0/-0.9	-3.3/-0.9	-4.1/-0.9	-3.9/-0.9	-4.8/-0.9	-5.1/--	-4.9/--
ERI	-5.86	-0.5/0.0	-0.9/-0.3	-1.8/-0.6	-2.3/-1.2	-3.3/-1.7	-4.6/-2.4	-5.9/-3.4	-6.2/-0.1	-7.7/-0.1	-8.7/-0.1	-9.0/-0.1	-8.9/-0.1	-9.0/-0.1	-9.6/--	-9.5/--
EUG	-3.32	-0.7/0.0	-1.2/-0.7	-1.6/-1.1	-2.0/-1.0	-2.8/-1.2	-3.4/-1.4	-3.7/-1.8	-4.0/-4.4	-4.3/-4.4	-4.7/-4.4	-4.3/-4.4	-4.4/-4.4	-4.3/-4.4	-4.1/--	-4.2/--
EVV	-3.52	-0.6/0.0	-1.2/2.7	-2.2/2.7	-2.7/1.3	-3.8/2.0	-3.9/0.9	-3.9/0.8	-4.4/1.9	-4.6/1.9	-4.5/1.9	-4.3/1.9	-3.7/1.9	-3.8/1.9	-4.8/--	-4.6/--
EWR	-3.82	0.2/0.0	0.1/1.0	-0.1/0.6	-0.8/-0.1	-1.5/-0.8	-2.5/-1.8	-3.3/-2.4	-4.6/0.4	-4.9/0.4	-5.6/0.4	-6.0/0.4	-6.6/0.4	-6.8/0.4	-7.3/--	-7.5/--
FAR	-5.67	-0.8/0.0	-1.5/0.1	-2.4/-2.1	-3.7/-2.8	-4.0/-4.6	-4.9/-5.0	-6.1/-4.8	-6.0/-5.9	-5.7/-5.9	-6.3/-5.9	-7.3/-5.9	-8.2/-5.9	-9.0/-5.9	-9.5/--	-9.8/--
FAT	-1.96	-0.2/0.0	-0.4/0.1	-0.9/-0.7	-1.5/-1.2	-1.7/-0.8	-1.9/-0.9	-2.1/-0.4	-1.9/-5.1	-2.3/-5.1	-2.8/-5.1	-1.9/-5.1	-2.3/-5.1	-3.1/-5.1	-3.4/--	-3.2/--
FLG	-4.47	-1.3/0.0	-1.8/-1.0	-2.4/-0.7	-2.9/-3.0	-3.3/-3.6	-4.0/-1.9	-4.3/-2.2	-4.4/-5.2	-4.7/-5.2	-5.1/-5.2	-5.7/-5.2	-6.6/-5.2	-6.6/-5.2	-6.8/--	-7.1/--
FMY	-1.58	-0.0/0.0	-0.2/0.8	-0.9/-0.2	-1.4/0.1	-1.8/1.2	-2.0/0.7	-2.0/1.8	-2.7/6.0	-3.3/6.0	-3.0/6.0	-1.5/6.0	-1.6/6.0	-1.6/6.0	-1.2/--	-0.3/--
FSD	-5.58	-1.4/0.0	-2.0/1.1	-3.1/-0.1	-4.2/-0.8	-4.5/-2.6	-5.7/-3.0	-6.4/-4.3	-5.7/-4.9	-5.8/-4.9	-5.9/-4.9	-6.8/-4.9	-7.2/-4.9	-7.9/-4.9	-8.5/--	-8.6/--
FWA	-5.23	-0.3/0.0	-0.8/0.3	-1.5/1.3	-2.3/0.3	-3.6/-0.1	-4.4/-1.1	-5.1/-2.3	-5.9/1.4	-6.8/1.4	-7.1/1.4	-7.0/1.4	-7.5/1.4	-8.2/1.4	-9.1/--	-9.0/--

GAD	-3.10	-1.0/0.0	-1.4/3.6	-1.9/3.3	-2.5/4.8	-3.3/5.0	-3.8/4.2	-3.8/2.9	-4.7/7.2	-5.2/7.2	-4.0/7.2	-3.3/7.2	-2.9/7.2	-2.9/7.2	-3.5/--	-2.4/--
GEG	-2.58	-0.0/0.0	-0.2/-0.5	-0.8/-0.7	-1.1/-1.6	-1.2/-2.3	-1.9/-2.4	-2.1/-2.3	-2.4/-3.8	-2.8/-3.8	-3.4/-3.8	-4.1/-3.8	-4.4/-3.8	-4.5/-3.8	-5.1/--	-4.8/--
GTF	-4.50	0.4/0.0	0.1/-0.6	-0.6/-1.6	-1.7/-3.0	-3.0/-2.9	-4.0/-3.9	-4.0/-3.9	-4.7/-8.6	-6.4/-8.6	-6.9/-8.6	-7.6/-8.6	-7.4/-8.6	-7.0/-8.6	-7.4/--	-7.3/--
HOU	-3.03	-1.2/0.0	-1.5/3.1	-2.1/3.5	-2.2/3.9	-2.9/3.0	-3.8/2.5	-4.3/-0.1	-4.8/0.0	-4.5/0.0	-3.2/0.0	-2.4/0.0	-3.1/0.0	-3.5/0.0	-3.4/--	-2.7/--
HSV	-3.27	-0.4/0.0	-0.7/1.9	-1.4/1.4	-2.2/1.4	-3.0/1.8	-3.4/1.3	-3.8/1.1	-4.6/3.0	-5.1/3.0	-4.7/3.0	-4.1/3.0	-3.8/3.0	-3.9/3.0	-4.5/--	-3.4/--
IAH	-3.83	-0.4/0.0	-0.8/3.1	-1.6/3.1	-1.4/4.4	-1.9/2.6	-2.8/2.0	-4.0/-0.5	-5.9/-1.3	-5.9/-1.3	-5.0/-1.3	-4.6/-1.3	-5.2/-1.3	-6.2/-1.3	-6.3/--	-5.4/--
ICT	-5.44	-0.4/0.0	-0.9/1.1	-2.0/0.5	-3.2/1.2	-4.1/-0.4	-4.9/-1.3	-5.7/-1.4	-6.2/-1.5	-6.5/-1.5	-6.4/-1.5	-7.2/-1.5	-8.0/-1.5	-8.7/-1.5	-8.5/--	-8.9/--
ILG	-4.64	-0.1/0.0	-0.2/-0.0	-0.6/-0.9	-1.5/-1.6	-2.3/-2.3	-3.4/-2.6	-4.3/-3.6	-4.7/-1.2	-5.4/-1.2	-6.6/-1.2	-7.3/-1.2	-7.8/-1.2	-8.2/-1.2	-8.5/--	-8.7/--
IND	-4.29	-0.4/0.0	-0.9/0.9	-1.9/-0.3	-2.4/-0.7	-3.4/-0.4	-4.1/-1.2	-4.6/-1.6	-5.4/0.2	-5.8/0.2	-5.4/0.2	-5.2/0.2	-5.5/0.2	-6.0/0.2	-6.9/--	-6.2/--
IPT	-4.60	0.0/0.0	0.2/0.3	-0.3/-1.0	-1.1/-0.7	-1.7/-1.8	-2.9/-2.3	-3.6/-2.9	-4.0/-1.3	-5.0/-1.3	-6.8/-1.3	-7.6/-1.3	-8.2/-1.3	-8.8/-1.3	-9.3/--	-10.0/--
JAN	-2.72	-0.1/0.0	-0.5/2.8	-1.3/3.7	-1.3/3.2	-1.9/3.9	-2.7/2.5	-3.7/2.0	-4.8/2.3	-5.0/2.3	-3.4/2.3	-2.9/2.3	-3.0/2.3	-3.7/2.3	-3.8/--	-2.8/--
JAX	-3.12	0.2/0.0	-0.0/0.8	-0.5/0.4	-1.7/0.1	-2.8/0.4	-3.4/0.4	-3.7/0.9	-4.3/5.3	-5.0/5.3	-5.0/5.3	-4.2/5.3	-4.1/5.3	-4.8/5.3	-4.2/--	-3.3/--
JFK	-3.53	0.1/0.0	0.1/0.9	-0.1/-0.2	-0.6/-0.4	-1.4/-1.2	-2.4/-1.6	-3.3/-3.1	-4.5/-0.3	-4.7/-0.3	-5.2/-0.3	-5.8/-0.3	-5.9/-0.3	-6.3/-0.3	-6.3/--	-6.4/--
LAN	-6.15	-0.6/0.0	-0.6/0.4	-0.9/0.5	-2.2/-0.9	-3.8/-1.8	-5.5/-2.6	-6.7/-3.6	-7.3/-1.3	-8.1/-1.3	-8.4/-1.3	-8.8/-1.3	-8.9/-1.3	-9.6/-1.3	-10.4/--	-10.3/--
LAS	-2.95	-0.2/0.0	-0.4/-0.8	-0.9/-1.4	-1.3/-2.2	-1.7/-2.7	-2.4/-4.1	-2.3/-3.9	-2.5/-7.1	-2.7/-7.1	-3.5/-7.1	-4.3/-7.1	-4.9/-7.1	-5.5/-7.1	-5.6/--	-6.2/--
LAX	-2.16	-0.4/0.0	-0.6/-0.8	-0.8/-0.5	-1.2/-0.9	-1.3/-1.7	-1.3/-1.5	-1.5/-1.9	-2.0/-3.2	-2.4/-3.2	-2.7/-3.2	-3.0/-3.2	-3.3/-3.2	-3.6/-3.2	-4.0/--	-4.1/--
LEX	-3.38	-0.3/0.0	-0.7/0.9	-1.6/1.1	-2.2/0.6	-3.0/1.0	-3.7/0.1	-3.9/-1.3	-4.5/3.0	-4.8/3.0	-4.2/3.0	-4.2/3.0	-4.2/3.0	-4.0/3.0	-4.9/--	-4.7/--
LFK	-3.64	-0.1/0.0	-0.8/3.6	-1.7/4.2	-1.6/5.4	-2.0/5.4	-2.7/3.8	-4.4/0.9	-5.9/1.0	-5.5/1.0	-4.4/1.0	-4.2/1.0	-4.7/1.0	-5.6/1.0	-5.8/--	-5.2/--
LGA	-3.42	0.1/0.0	0.1/0.6	-0.2/0.2	-0.9/0.3	-1.8/-0.5	-2.6/-0.9	-3.5/-2.7	-4.2/0.1	-4.5/0.1	-4.9/0.1	-5.2/0.1	-5.6/0.1	-5.8/0.1	-6.2/--	-6.2/--
LGB	-3.80	-0.9/0.0	-1.2/0.6	-1.6/0.1	-2.4/-0.1	-2.8/-0.9	-3.1/-0.6	-2.9/-1.3	-2.9/-3.4	-3.5/-3.4	-4.9/-3.4	-5.3/-3.4	-5.8/-3.4	-6.1/-3.4	-6.7/--	-6.9/--
LIT	-4.48	-0.8/0.0	-1.8/2.2	-3.0/2.1	-3.9/2.0	-4.7/2.3	-4.7/-0.3	-5.0/-1.3	-6.1/1.3	-6.3/1.3	-4.6/1.3	-4.8/1.3	-4.7/1.3	-5.5/1.3	-6.0/--	-5.3/--
LNS	-4.68	-0.2/0.0	-0.3/0.3	-0.8/-1.0	-1.9/-1.1	-2.3/-1.8	-3.4/-2.5	-3.7/-3.6	-4.4/-5.0	-5.0/-5.0	-6.3/-5.0	-7.4/-5.0	-7.9/-5.0	-8.3/-5.0	-8.9/--	-9.3/--
MAF	-2.43	0.2/0.0	0.1/5.0	-0.3/5.2	-0.6/3.9	-1.5/2.9	-1.8/3.0	-1.9/2.2	-2.4/0.5	-2.6/0.5	-3.4/0.5	-4.1/0.5	-4.2/0.5	-4.2/0.5	-4.7/--	-5.1/--
MBA	-4.70	-0.1/0.0	0.2/-0.3	0.0/0.8	-0.4/0.5	-1.2/-0.7	-2.0/-1.4	-3.6/-2.3	-4.8/-0.8	-5.3/-0.8	-6.8/-0.8	-7.9/-0.8	-9.0/-0.8	-9.6/-0.8	-9.9/--	-10.1/--
MCI	-5.61	-0.2/0.0	-0.7/0.7	-1.8/-0.2	-3.2/-0.7	-3.9/-2.6	-5.1/-2.6	-5.9/-2.5	-6.5/-1.1	-6.7/-1.1	-6.8/-1.1	-7.6/-1.1	-8.3/-1.1	-9.1/-1.1	-9.2/--	-9.1/--
MCN	-3.54	-0.8/0.0	-0.9/2.8	-1.4/2.7	-2.2/2.8	-3.4/2.1	-3.9/3.2	-4.5/2.0	-4.3/3.7	-5.1/3.7	-4.9/3.7	-4.5/3.7	-4.2/3.7	-4.5/3.7	-4.6/--	-4.0/--
MCO	-1.86	0.4/0.0	0.3/0.8	-0.4/0.4	-1.3/-0.6	-1.5/1.4	-2.1/0.4	-2.3/2.0	-2.9/5.9	-3.4/5.9	-3.7/5.9	-2.6/5.9	-2.6/5.9	-2.6/5.9	-2.2/--	-1.2/--
MDT	-3.68	-0.0/0.0	-0.1/0.4	-0.5/-1.9	-1.2/-1.9	-1.8/-2.3	-2.8/-2.8	-3.7/-3.8	-4.0/-0.7	-4.5/-0.7	-5.3/-0.7	-5.7/-0.7	-6.2/-0.7	-6.3/-0.7	-6.3/--	-6.6/--
MEM	-3.44	0.2/0.0	-0.4/3.0	-1.3/2.6	-1.9/2.3	-2.8/1.9	-3.6/1.4	-4.4/0.2	-5.5/1.4	-5.6/1.4	-4.3/1.4	-4.0/1.4	-4.1/1.4	-4.7/1.4	-5.1/--	-4.0/--
MHT	-3.99	-0.2/0.0	0.4/0.7	0.3/0.5	0.1/0.3	-0.7/-0.7	-1.4/-0.9	-2.9/-2.5	-4.0/-8.9	-4.8/-8.9	-5.9/-8.9	-6.9/-8.9	-7.8/-8.9	-8.5/-8.9	-8.7/--	-9.0/--
MIA	-1.10	0.3/0.0	0.2/1.1	-0.3/-0.6	-0.9/-0.2	-1.2/0.3	-0.9/0.1	-0.9/0.3	-1.5/3.5	-1.9/3.5	-2.0/3.5	-1.6/3.5	-1.7/3.5	-1.6/3.5	-1.7/--	-0.7/--
MKE	-5.37	-0.8/0.0	-1.6/0.2	-2.3/0.7	-2.6/-1.0	-4.2/-1.0	-5.2/-2.2	-6.2/-2.6	-7.0/-1.0	-7.4/-1.0	-6.7/-1.0	-6.1/-1.0	-6.8/-1.0	-7.6/-1.0	-8.2/--	-7.7/--
MOB	-3.26	-0.3/0.0	-0.6/2.7	-1.4/3.1	-2.1/3.3	-2.8/3.1	-3.6/2.4	-4.4/2.1	-5.4/3.6	-5.1/3.6	-4.5/3.6	-3.7/3.6	-3.6/3.6	-4.0/3.6	-4.0/--	-3.3/--
MSP	-4.74	-0.6/0.0	-0.9/-0.0	-1.7/-0.8	-2.6/-0.4	-4.1/-1.7	-4.5/-3.7	-5.2/-2.3	-5.5/-3.1	-5.8/-3.1	-5.1/-3.1	-5.8/-3.1	-6.4/-3.1	-7.3/-3.1	-7.8/--	-7.7/--
MSY	-1.81	1.3/0.0	1.0/1.6	0.7/2.3	0.8/2.5	0.3/2.2	-0.5/1.1	-1.5/0.3	-3.1/0.8	-3.8/0.8	-3.2/0.8	-3.6/0.8	-3.8/0.8	-4.3/0.8	-4.3/--	-3.3/--
MWL	-3.78	0.0/0.0	-0.4/2.4	-1.1/3.1	-1.8/3.2	-2.0/1.9	-3.1/-0.3	-3.9/0.6	-4.6/2.2	-4.7/2.2	-4.6/2.2	-5.3/2.2	-5.9/2.2	-6.3/2.2	-6.3/--	-6.7/--
NKX	-3.31	-1.0/0.0	-1.5/-0.2	-1.6/-1.2	-1.9/-0.9	-2.4/-1.6	-2.8/-1.7	-2.3/-2.0	-1.9/0.0	-2.6/0.0	-3.6/0.0	-4.8/0.0	-5.2/0.0	-5.7/0.0	-6.1/--	-6.4/--
NTU	-4.55	-0.2/0.0	-0.6/1.0	-1.3/0.1	-2.5/0.2	-3.0/-1.0	-3.9/-0.9	-4.3/-1.3	-5.1/2.0	-5.8/2.0	-6.4/2.0	-6.5/2.0	-6.9/2.0	-7.1/2.0	-7.4/--	-7.0/--
OAK	-3.53	-0.5/0.0	-1.1/-2.2	-1.7/-2.4	-1.7/-2.6	-2.0/-3.0	-2.6/-3.1	-3.1/-1.7	-3.0/-0.3	-3.8/-0.3	-4.4/-0.3	-4.9/-0.3	-5.6/-0.3	-6.0/-0.3	-6.6/--	-6.3/--
OKC	-5.20	-0.3/0.0	-0.9/2.9	-1.9/2.4	-3.2/2.1	-3.9/1.8	-4.7/0.1	-5.5/0.1	-6.4/-0.1	-6.1/-0.1	-6.1/-0.1	-7.0/-0.1	-7.4/-0.1	-8.2/-0.1	-8.2/--	-8.1/--
OMA	-3.92	0.7/0.0	0.3/0.8	-0.8/0.6	-2.1/0.2	-2.9/-1.9	-3.7/-2.1	-4.1/-3.3	-4.6/-2.0	-4.6/-2.0	-4.7/-2.0	-5.4/-2.0	-6.0/-2.0	-6.9/-2.0	-6.9/--	-7.0/--
ORD	-4.63	0.0/0.0	-0.9/1.0	-1.9/-0.0	-2.3/-0.3	-3.5/-1.4	-4.3/-2.2	-5.0/-2.4	-5.7/-0.7	-6.4/-0.7	-5.8/-0.7	-5.8/-0.7	-6.1/-0.7	-7.1/-0.7	-7.6/--	-7.0/--
ORH	-4.68	-0.7/0.0	-0.6/2.1	-0.9/2.7	-0.7/1.9	-1.2/0.6	-2.5/-0.1	-3.7/-1.5	-4.5/-0.1	-5.6/-0.1	-6.1/-0.1	-7.6/-0.1	-8.3/-0.1	-9.1/-0.1	-9.2/--	-9.3/--
PDT	-5.26	-1.2/0.0	-1.6/1.4	-2.3/1.0	-3.0/0.9	-3.6/-0.1	-4.5/-0.3	-4.7/-0.8	-5.6/-1.5	-6.1/-1.5	-7.7/-1.5	-7.2/-1.5	-7.6/-1.5	-7.7/-1.5	-8.1/--	-8.0/--
PDX	-2.97	-0.2/0.0	-0.1/-0.4	-0.7/-1.2	-1.1/-0.6	-1.5/-1.0	-1.6/-1.8	-2.1/-1.9	-2.7/-3.6	-3.3/-3.6	-4.2/-3.6	-4.9/-3.6	-5.0/-3.6	-5.3/-3.6	-5.7/--	-6.0/--
PHL	-4.19	-0.1/0.0	-0.1/0.5	-0.6/-0.4	-1.4/-0.5	-2.2/-1.4	-3.0/-1.4	-3.6/-3.1	-4.4/0.2	-5.0/0.2	-5.8/0.2	-6.6/0.2	-7.1/0.2	-7.3/0.2	-7.8/--	-8.0/--
PHX	-2.58	0.3/0.0	-0.4/-0.3	-1.1/-1.1	-1.3/-1.8	-1.5/-2.0	-1.7/-1.6	-2.1/-3.0	-1.9/-5.7	-2.5/-5.7	-3.0/-5.7	-3.8/-5.7	-4.3/-5.7	-4.8/-5.7	-5.2/--	-5.4/--
PIR	-5.24	-1.3/0.0	-1.6/2.2	-2.5/0.9	-3.7/0.1	-4.0/-2.0	-5.2/-3.5	-6.0/-3.8	-5.1/-2.6	-5.0/-2.6	-5.8/-2.6	-6.8/-2.6	-7.2/-2.6	-8.1/-2.6	-8.0/--	-8.1/--
PIT	-4.83	-0.6/0.0	-1.0/0.6	-1.5/0.4	-1.9/-0.2	-3.0/-0.7	-4.0/-1.3	-4.8/-2.4	-5.7/1.4	-6.4/1.4	-6.5/1.4	-6.5/1.4	-6.9/1.4	-7.4/1.4	-7.9/--	-8.3/--
PVD	-3.51	-0.1/0.0	0.3/1.6	0.2/2.2	-0.3/2.1	-1.3/1.2	-2.0/0.4	-3.2/-0.4	-3.7/0.5	-4.5/0.5	-5.0/0.5	-5.5/0.5	-6.4/0.5	-6.8/0.5	-7.2/--	-7.3/--
PWM	-3.88	0.1/0.0	0.6/0.9	0.3/1.0	0.1/0.7	-0.3/0.0	-1.0/-0.8	-2.4/-2.1	-3.8/-1.9	-4.8/-1.9	-5.8/-1.9	-7.1/-1.9	-7.9/-1.9	-8.5/-1.9	-8.6/--	-9.1/--
RAL	0.00	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/0.0	0.0/--	0.0/--
RAP	-4.59	-0.7/0.0	-1.3/2.5	-2.2/1.5	-3.2/1.1	-3.8/-0.8	-4.4/-2.6	-4.7/-2.1	-4.5/-3.0	-5.0/-3.0	-5.7/-3.0	-6.3/-3.0	-6.5/-3.0	-6.6/-3.0	-6.8/--	-7.2/--
RBL	-2.03	0.0/0.0	-0.3/-1.9	-0.7/-3.1	-1.4/-2.9	-1.6/-2.8	-1.7/-2.4	-1.8/-1.8	-2.0/-3.1	-2.3/-3.1	-3.0/-3.1	-2.6/-3.1	-3.1/-3.1	-3.2/-3.1	-3.5/--	-3.4/--
RDD	-2.70	-0.7/0.0	-0.5/-1.3	-1.0/-2.5	-1.4/-1.7	-2.2/-3.0	-2.3/-0.9	-2.6/-0.8	-3.1/-4.4	-3.4/-4.4	-3.9/-4.4	-3.6/-4.4	-3.8/-4.4	-3.9/-4.4	-4.2/--	-3.9/--
RDU	-4.00	-0.7/0.0	-1.2/1.1	-2.1/1.1	-2.9/0.6	-3.5/0.3	-4.0/-0.2	-4.4/-0.8	-5.2/1.3	-5.6/1.3	-5.3/1.3	-4.9/1.3	-4.9/1.3	-5.1/1.3	-5.4/--	-5.0/--
RIC	-4.73	-0.6/0.0	-1.1/-0.9	-1.9/-2.2	-2.8/-2.1	-3.2/-2.8	-4.2/-3.8	-4.4/-3.6	-5.2/-1.9	-5.7/-1.9	-6.1/-1.9	-6.4/-1.9	-7.2/-1.9	-7.2/-1.9	-7.6/--	-7.3/--
RNO	-4.06	-0.7/0.0	-1.4/-0.9	-1.5/-1.7	-2.5/-2.0	-3.0/-2.3	-3.8/-2.2	-3.9/-1.7	-4.0/-7.3	-4.1/-7.3	-5.2/-7.3	-5.3/-7.3	-5.8/-7.3	-6.2/-7.3	-6.9/--	-6.6/--

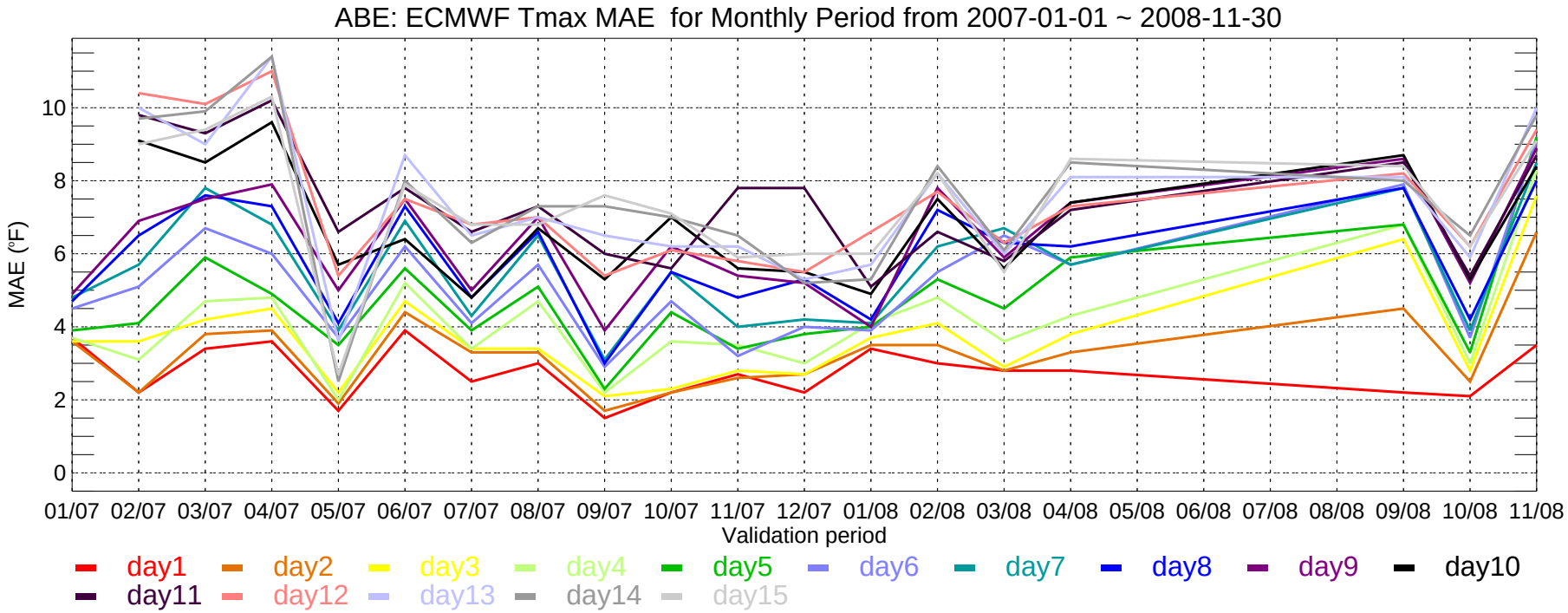
ROA	-3.58	-0.4/0.0	-0.7/-0.4	-1.0/-1.3	-1.6/-0.4	-1.9/-1.5	-2.2/-2.0	-2.4/-2.4	-3.6/-1.3	-4.0/-1.3	-4.9/-1.3	-5.4/-1.3	-5.9/-1.3	-6.3/-1.3	-6.8/--	-6.5/--
ROC	-4.77	-0.4/0.0	-0.4/1.1	-0.5/1.1	-0.9/0.6	-2.1/0.1	-3.4/-0.3	-4.4/-1.3	-5.2/0.4	-6.0/0.4	-7.2/0.4	-7.4/0.4	-7.8/0.4	-8.0/0.4	-8.8/--	-9.0/--
SAC	-2.75	-0.1/0.0	-0.6/-0.2	-1.1/-0.8	-1.3/-0.7	-1.8/-0.9	-1.9/-0.7	-2.2/-0.5	-2.3/-2.2	-2.9/-2.2	-3.4/-2.2	-3.8/-2.2	-4.4/-2.2	-4.8/-2.2	-5.3/--	-5.3/--
SAN	-3.29	-1.0/0.0	-1.5/-0.4	-1.6/0.1	-2.1/-1.1	-2.4/-1.4	-2.7/-1.4	-2.4/-0.8	-2.2/-2.9	-2.7/-2.9	-3.6/-2.9	-4.6/-2.9	-4.9/-2.9	-5.4/-2.9	-5.9/--	-6.1/--
SAT	-4.02	-0.9/0.0	-1.2/1.5	-1.5/2.9	-1.5/3.0	-1.8/2.4	-2.9/0.1	-3.5/-1.9	-4.6/-2.7	-4.9/-2.7	-5.1/-2.7	-5.5/-2.7	-6.5/-2.7	-6.8/-2.7	-7.2/--	-6.5/--
SAV	-3.95	0.0/0.0	0.3/-1.2	-0.6/-1.8	-1.1/-2.0	-2.8/-2.3	-3.9/-0.9	-4.9/-1.1	-5.4/1.8	-6.0/1.8	-6.9/1.8	-5.9/1.8	-5.5/1.8	-5.8/1.8	-5.7/--	-4.9/--
SDF	-2.84	0.2/0.0	-0.2/2.3	-1.1/1.8	-1.4/1.2	-2.4/1.3	-2.9/0.8	-3.1/-0.5	-3.6/2.9	-4.4/2.9	-3.7/2.9	-3.8/2.9	-3.7/2.9	-3.6/2.9	-4.5/--	-4.2/--
SEA	-2.98	-0.2/0.0	-0.6/-0.3	-1.0/-1.2	-1.3/-1.5	-1.8/-1.5	-2.1/-1.8	-2.4/-1.9	-2.8/-3.9	-3.5/-3.9	-4.4/-3.9	-4.9/-3.9	-4.5/-3.9	-4.8/-3.9	-5.2/--	-5.3/--
SFO	-1.30	-0.0/0.0	-0.3/-0.1	-0.4/-0.4	-0.6/-0.7	-0.7/-0.5	-0.9/-0.3	-1.1/0.0	-1.1/-3.7	-1.1/-3.7	-1.4/-3.7	-1.9/-3.7	-2.2/-3.7	-2.4/-3.7	-2.8/--	-2.7/--
SJC	-2.91	-0.1/0.0	-0.5/-0.7	-1.1/-1.2	-1.4/-1.4	-1.7/-1.6	-2.1/-1.6	-2.5/-0.8	-2.6/-4.3	-3.2/-4.3	-3.6/-4.3	-4.1/-4.3	-4.6/-4.3	-5.0/-4.3	-5.5/--	-5.6/--
SJT	-2.88	-0.3/0.0	-0.3/7.0	-0.5/5.6	-0.6/5.6	-0.9/5.2	-2.0/4.6	-2.4/3.7	-3.2/1.4	-3.0/1.4	-3.5/1.4	-4.6/1.4	-5.0/1.4	-5.3/1.4	-5.7/--	-5.9/--
SLC	-3.08	-0.6/0.0	-1.1/0.1	-1.7/-1.6	-2.2/-1.9	-2.6/-0.7	-2.9/-1.6	-2.6/-0.6	-3.2/-3.7	-3.2/-3.7	-3.6/-3.7	-3.7/-3.7	-4.1/-3.7	-4.6/-3.7	-5.1/--	-5.0/--
SSI	-2.74	0.0/0.0	-0.3/-0.0	-1.0/-0.3	-1.9/-0.3	-2.8/0.2	-3.3/1.0	-3.6/0.7	-3.8/4.7	-4.5/4.7	-4.2/4.7	-3.3/4.7	-3.1/4.7	-3.4/4.7	-3.3/--	-2.8/--
STL	-4.49	-0.2/0.0	-1.2/2.0	-2.2/0.7	-3.4/1.6	-4.1/1.1	-4.4/-0.2	-4.9/-0.6	-5.6/0.5	-5.6/0.5	-4.7/0.5	-5.3/0.5	-5.6/0.5	-6.5/0.5	-7.2/--	-6.5/--
SYR	-4.56	-0.6/0.0	-0.5/1.9	-0.6/1.8	-1.0/2.0	-1.6/0.2	-3.4/0.0	-5.0/-0.9	-6.1/0.6	-6.7/0.6	-7.1/0.6	-6.4/0.6	-7.2/0.6	-7.1/0.6	-7.4/--	-7.9/--
TLH	-2.57	0.1/0.0	-0.1/1.6	-0.6/1.2	-1.6/0.4	-2.5/0.1	-3.8/1.6	-4.1/0.9	-4.4/5.7	-4.8/5.7	-3.7/5.7	-2.8/5.7	-2.7/5.7	-2.7/5.7	-2.5/--	-2.4/--
TPA	-1.53	-0.1/0.0	-0.0/0.0	-0.5/-0.3	-1.5/-0.2	-2.2/0.4	-2.9/0.5	-2.8/0.1	-3.2/5.4	-3.0/5.4	-2.1/5.4	-0.9/5.4	-1.2/5.4	-1.0/5.4	-0.8/--	-0.7/--
TRM	-4.58	-1.7/0.0	-2.2/-5.3	-2.5/-4.9	-2.9/-4.8	-3.2/-7.1	-3.8/-8.3	-3.8/-8.4	-3.9/-7.3	-5.2/-7.3	-5.7/-7.3	-6.2/-7.3	-6.4/-7.3	-6.8/-7.3	-7.1/--	-7.3/--
TUL	-5.10	-0.3/0.0	-1.0/2.3	-1.9/1.5	-3.0/1.7	-3.5/-0.2	-4.6/-1.9	-5.3/-0.4	-6.6/-0.6	-6.2/-0.6	-5.9/-0.6	-6.8/-0.6	-7.3/-0.6	-8.1/-0.6	-8.3/--	-7.7/--
TUS	-3.28	-0.2/0.0	-0.7/-0.2	-1.4/-1.0	-1.8/-2.4	-2.2/-2.2	-2.7/-1.8	-3.1/-2.6	-2.8/-4.1	-3.3/-4.1	-4.2/-4.1	-4.3/-4.1	-5.0/-4.1	-5.6/-4.1	-6.0/--	-6.1/--
TYR	-3.77	-0.3/0.0	-1.1/1.4	-2.0/1.6	-2.3/3.0	-2.6/3.1	-3.3/1.7	-4.4/-0.2	-5.2/2.3	-5.2/2.3	-4.6/2.3	-4.4/2.3	-4.9/2.3	-5.5/2.3	-5.5/--	-5.3/--
TYS	-3.39	-0.5/0.0	-0.9/0.8	-1.3/0.7	-2.0/0.9	-2.8/0.8	-3.4/0.9	-3.5/-0.2	-4.2/2.9	-4.9/2.9	-4.4/2.9	-4.3/2.9	-4.5/2.9	-4.6/2.9	-5.2/--	-4.4/--
VCT	-3.81	-0.3/0.0	-0.8/4.9	-1.5/6.0	-1.1/7.2	-1.7/6.3	-3.0/4.9	-4.2/1.2	-5.5/2.6	-5.5/2.6	-4.9/2.6	-4.9/2.6	-5.6/2.6	-6.2/2.6	-6.2/--	-5.7/--
WJF	-4.01	-1.6/0.0	-1.5/-0.2	-2.2/-1.0	-2.9/-3.0	-3.5/-3.8	-3.8/-3.4	-3.7/-2.8	-3.8/-4.8	-4.4/-4.8	-4.3/-4.8	-4.9/-4.8	-5.4/-4.8	-5.7/-4.8	-6.1/--	-6.3/--
YKM	-3.23	0.2/0.0	-0.5/0.7	-1.0/0.3	-1.5/1.0	-2.1/-0.5	-2.6/-1.1	-3.3/-1.0	-3.4/-4.1	-4.2/-4.1	-4.7/-4.1	-4.6/-4.1	-4.8/-4.1	-5.0/-4.1	-5.6/--	-5.4/--
YNG	-5.20	-0.5/0.0	-0.4/-0.0	-1.1/-0.2	-1.7/-0.7	-2.5/-1.0	-3.8/-1.8	-4.7/-1.8	-5.8/0.5	-6.4/0.5	-7.7/0.5	-7.7/0.5	-8.1/0.5	-8.6/0.5	-9.4/--	-9.6/--
YQB	-4.62	-0.3/0.0	-0.1/0.0	-0.1/0.0	-0.0/0.0	-0.8/0.0	-1.9/0.0	-3.3/0.0	-4.9/-4.0	-6.2/-4.0	-7.1/-4.0	-7.9/-4.0	-8.5/-4.0	-9.0/-4.0	-9.4/--	-9.8/--
YUL	-4.29	0.4/0.0	0.4/0.0	0.4/0.0	0.2/0.0	-0.7/0.0	-2.4/0.0	-3.6/0.0	-4.9/-1.9	-5.8/-1.9	-6.7/-1.9	-7.2/-1.9	-8.2/-1.9	-8.5/-1.9	-8.7/--	-9.2/--
YVR	-0.67	1.3/0.0	1.1/0.0	0.9/0.0	0.4/0.0	0.0/0.0	-0.2/0.0	-0.2/0.0	-0.3/-2.4	-1.2/-2.4	-1.6/-2.4	-2.0/-2.4	-1.8/-2.4	-2.0/-2.4	-2.4/--	-2.2/--
YWG	-4.56	-0.2/0.0	-1.7/0.0	-1.8/0.0	-2.9/0.0	-4.4/0.0	-5.7/0.0	-7.2/0.0	-7.6/-2.3	-7.7/-2.3	-4.1/-2.3	-4.8/-2.3	-4.0/-2.3	-4.7/-2.3	-4.9/--	-6.5/--
YXD	1.24	5.9/0.0	4.2/0.0	2.8/0.0	1.7/0.0	1.1/0.0	1.5/0.0	1.4/0.0	0.9/-8.3	-0.1/-8.3	2.2/-8.3	1.1/-8.3	0.3/-8.3	-1.0/-8.3	-1.7/--	-1.7/--
YYC	-1.21	1.5/0.0	1.0/0.0	1.0/0.0	0.3/0.0	-0.5/0.0	-0.8/0.0	-0.8/0.0	-1.7/-7.0	-2.7/-7.0	-2.6/-7.0	-2.6/-7.0	-2.3/-7.0	-2.7/-7.0	-2.6/--	-2.7/--
YYZ	-6.53	-1.8/0.0	-2.2/0.0	-2.4/0.0	-2.9/0.0	-4.4/0.0	-5.9/0.0	-6.5/0.0	-7.5/-1.6	-8.1/-1.6	-8.7/-1.6	-9.1/-1.6	-9.3/-1.6	-9.2/-1.6	-9.9/--	-10.1/--

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

S_score: average of (1 - 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 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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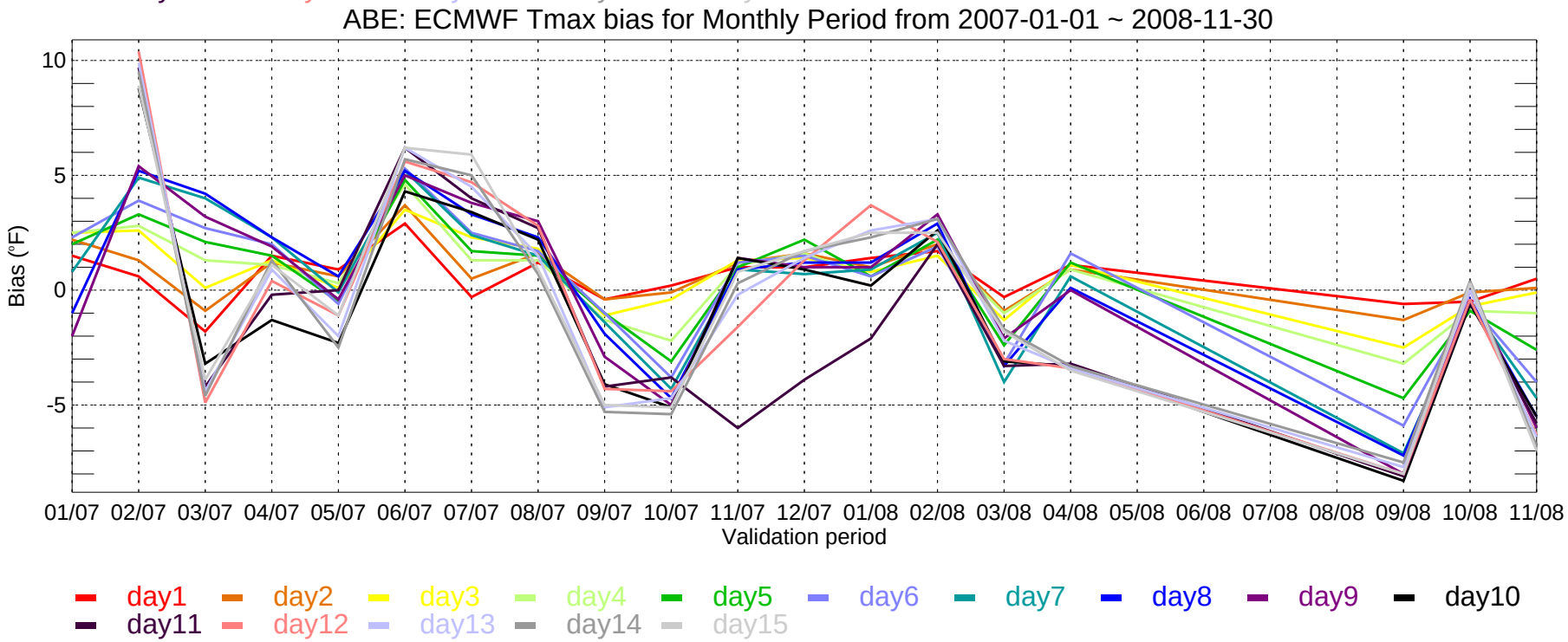
day11 day12 day13 day14 day15


ABE: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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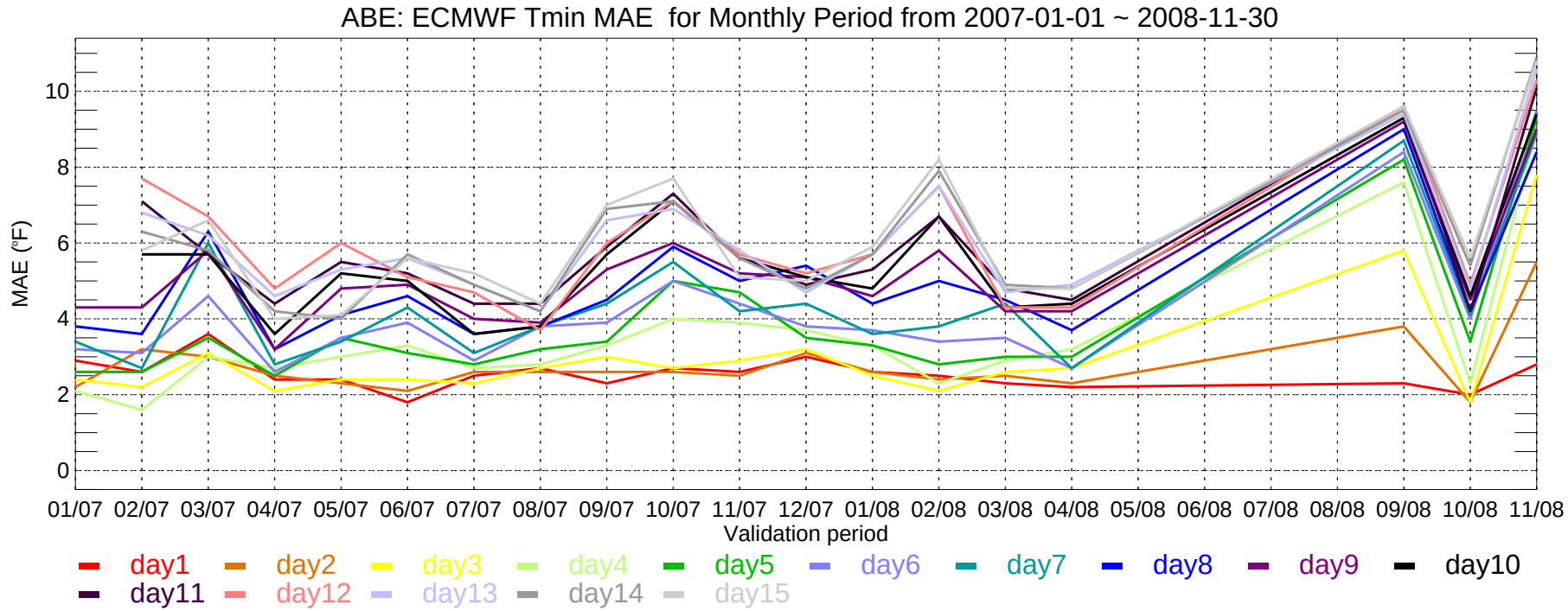
day11 day12 day13 day14 day15


ABE: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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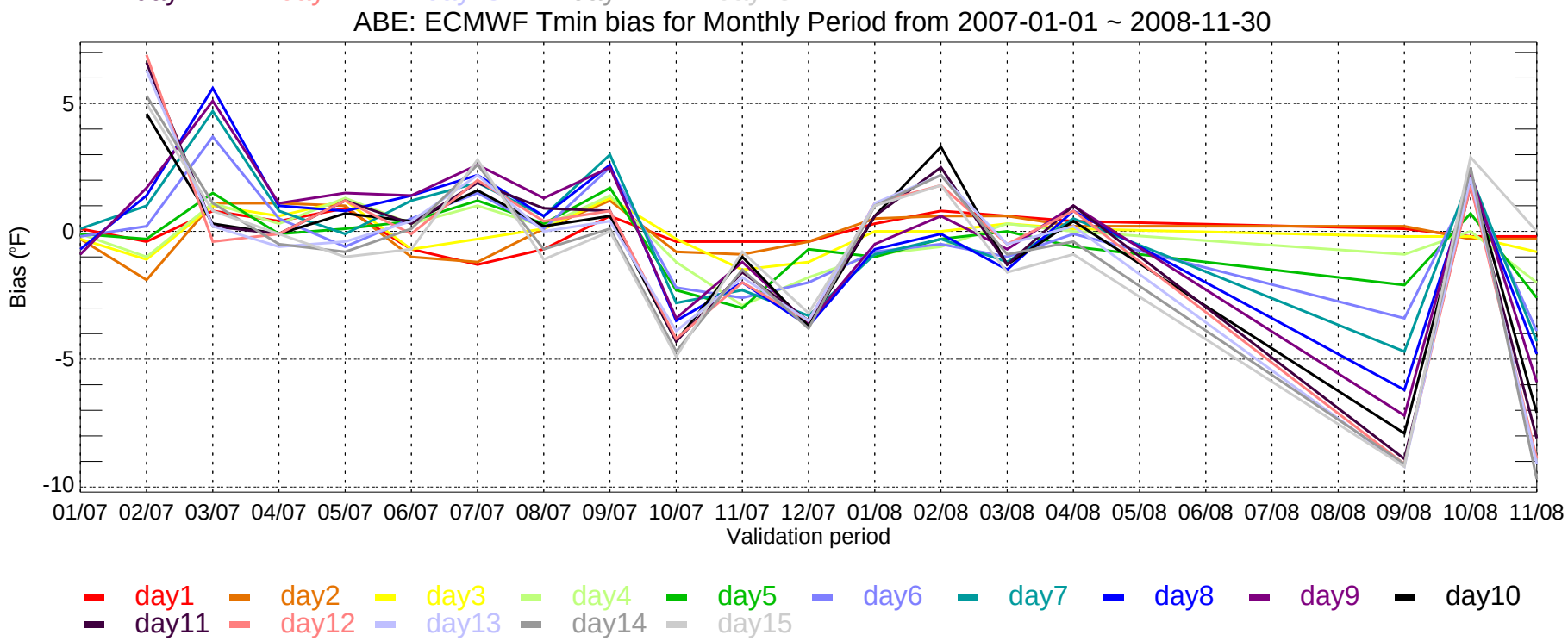
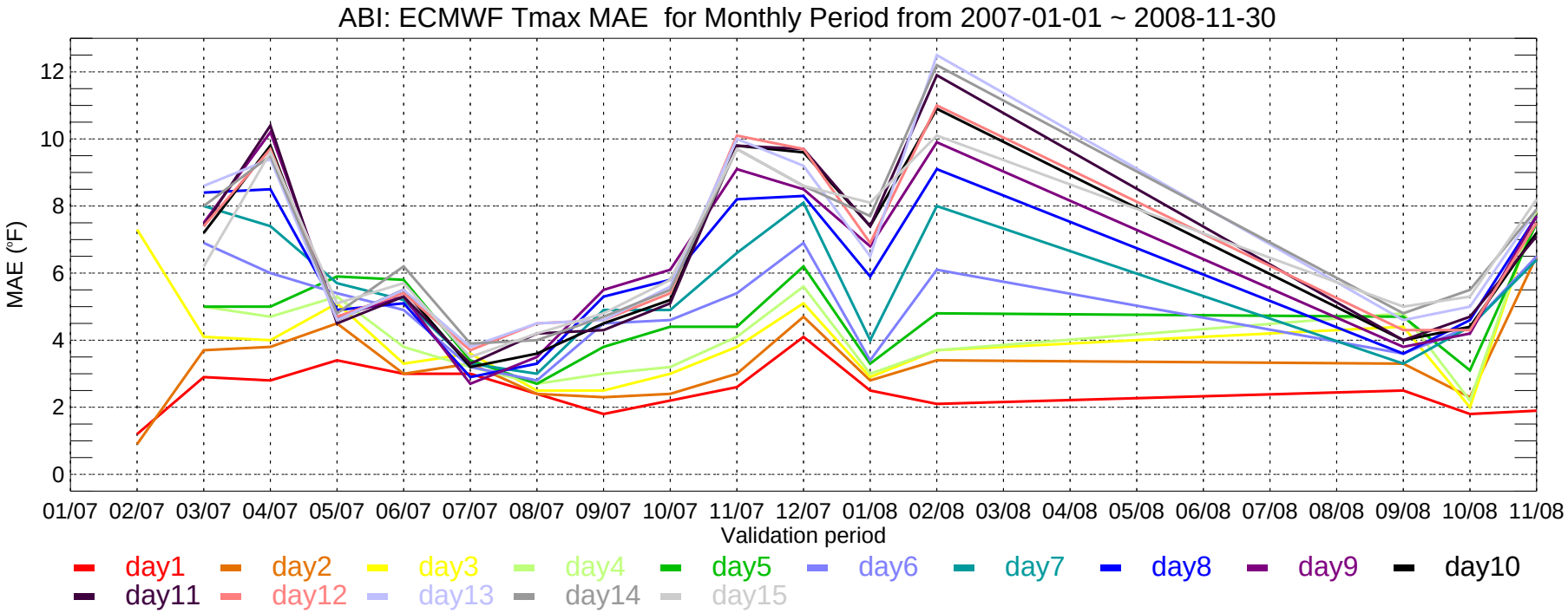
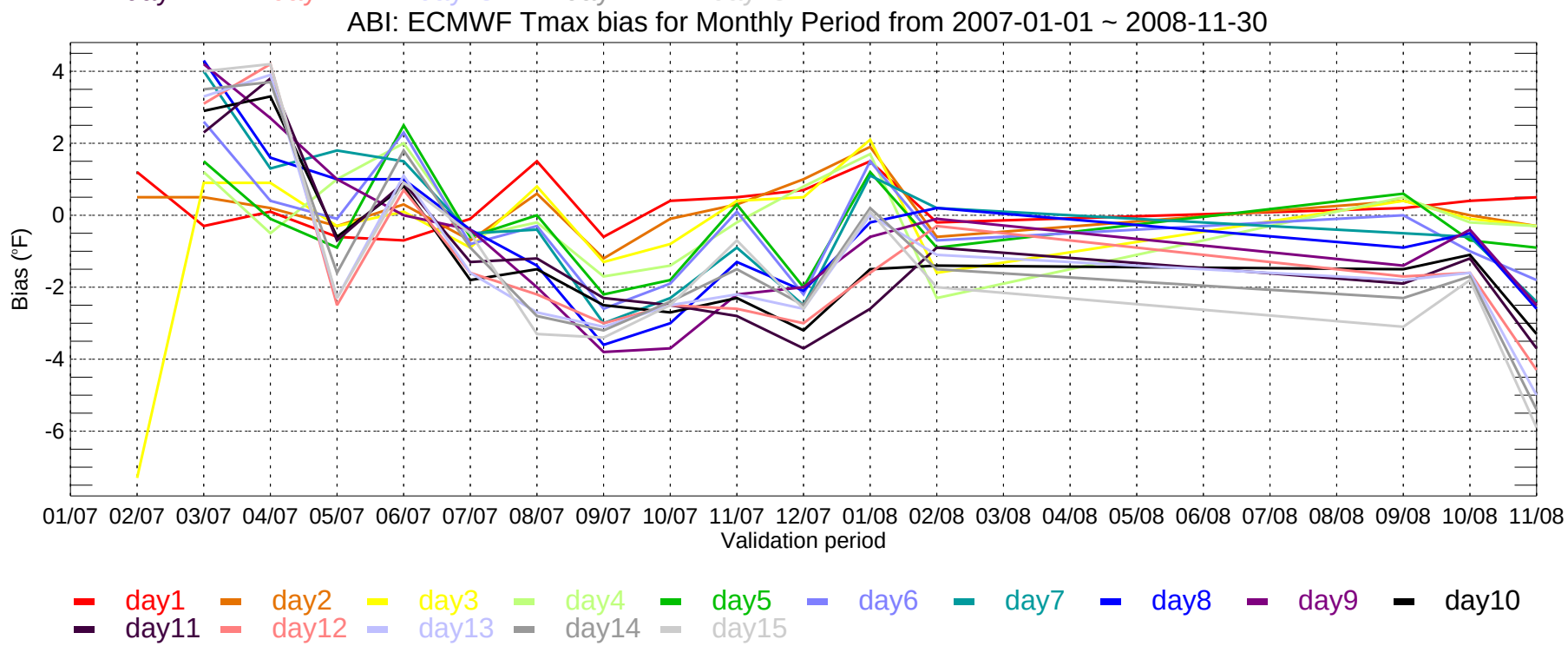
day11 day12 day13 day14 day15


ABE: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABI: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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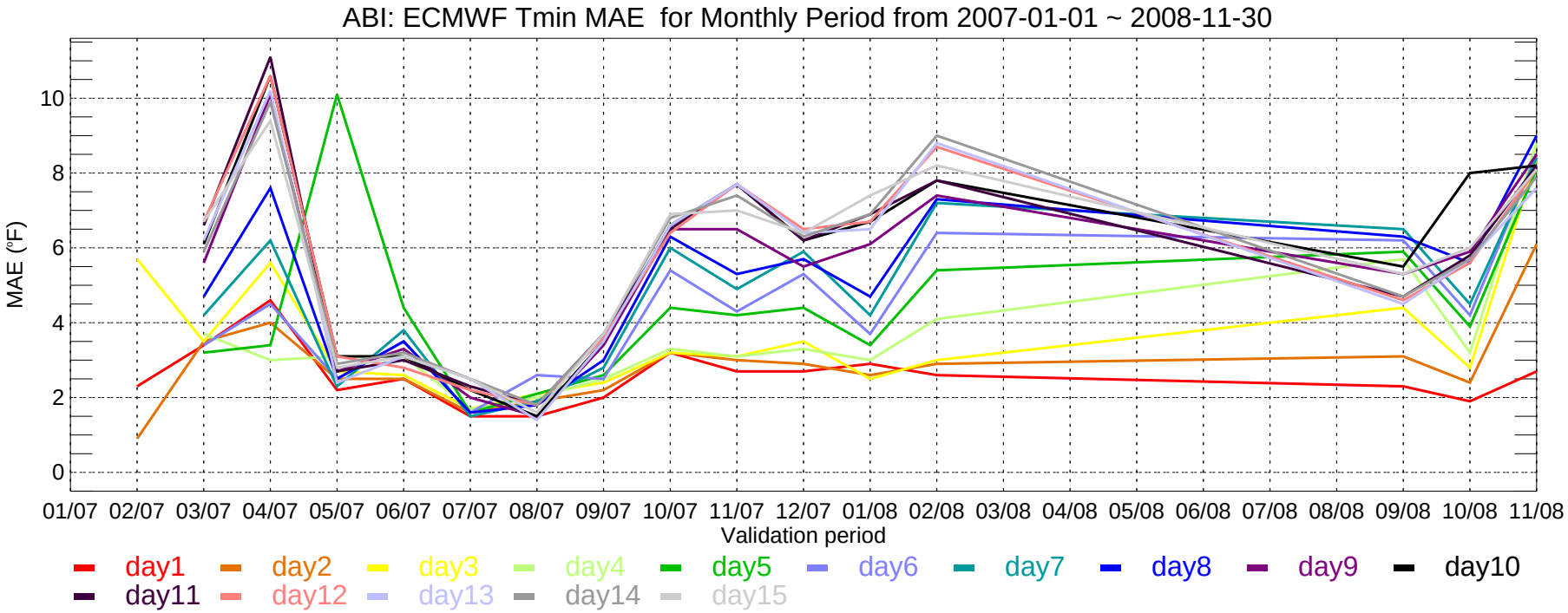
day11 day12 day13 day14 day15


ABI: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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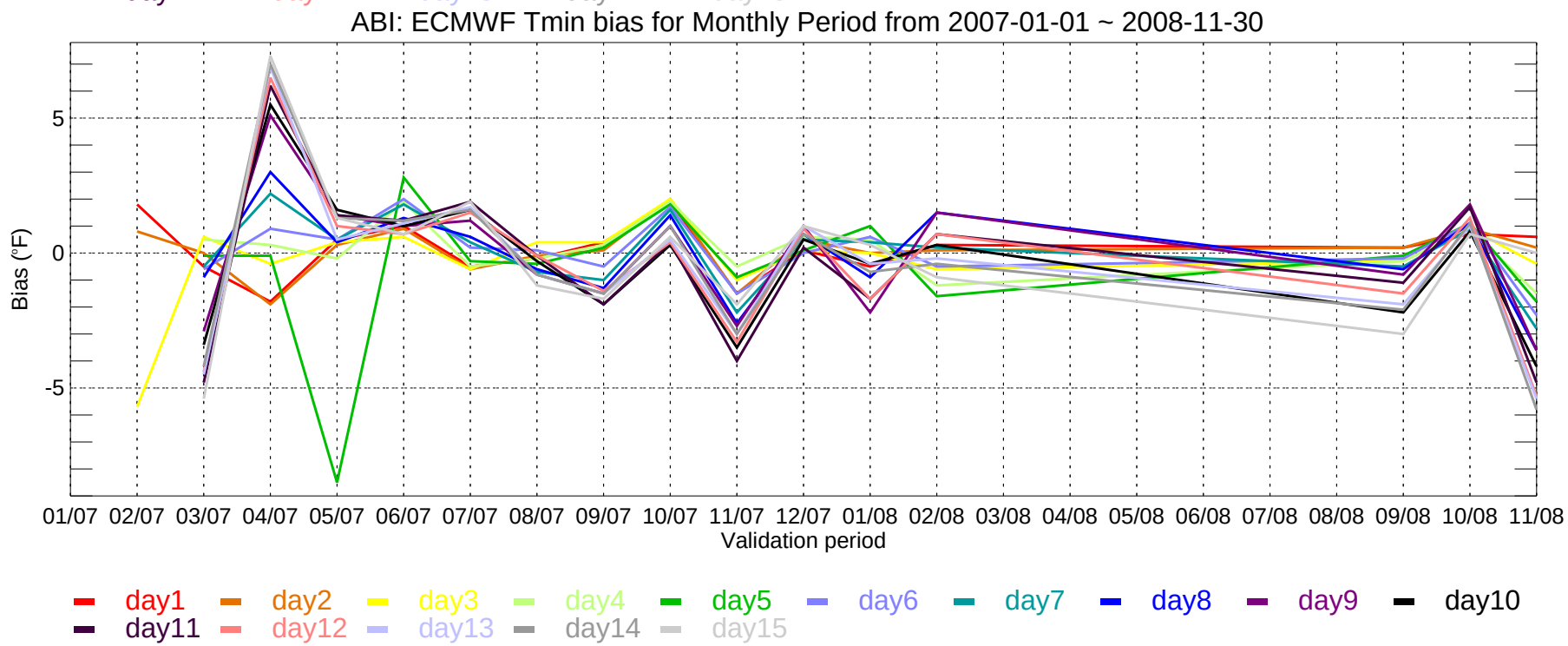
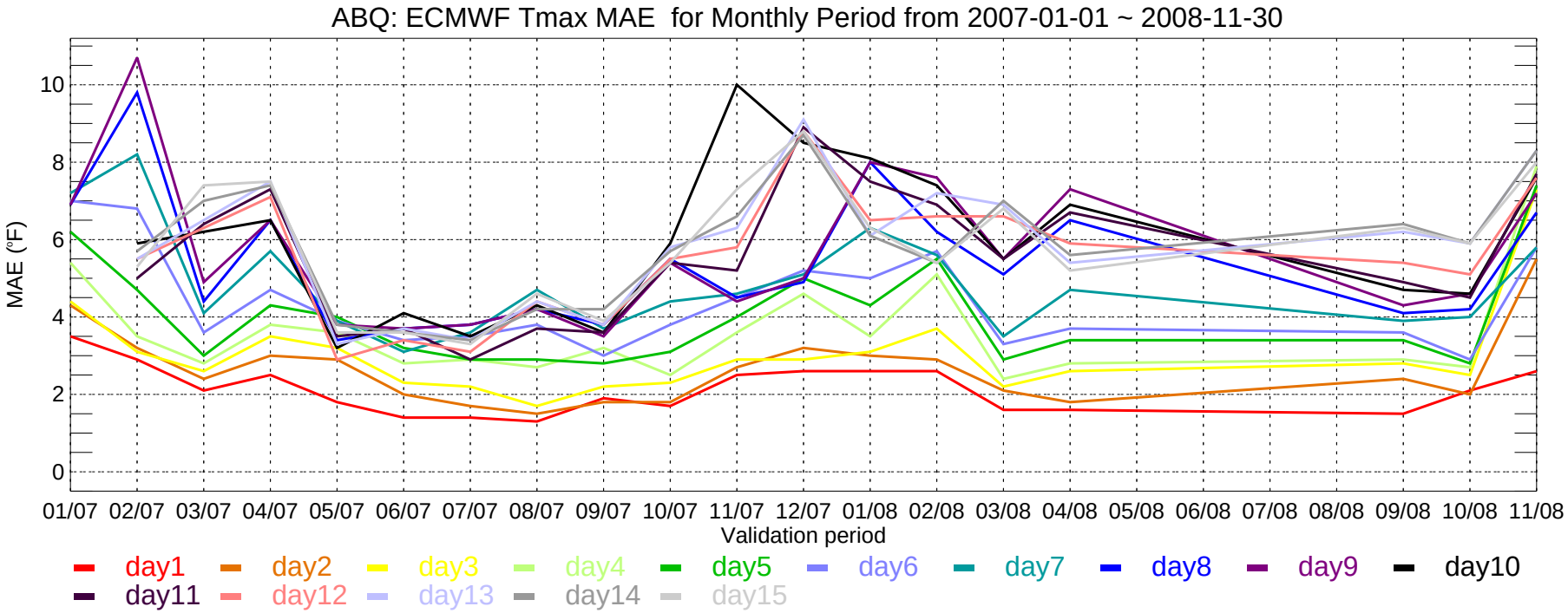
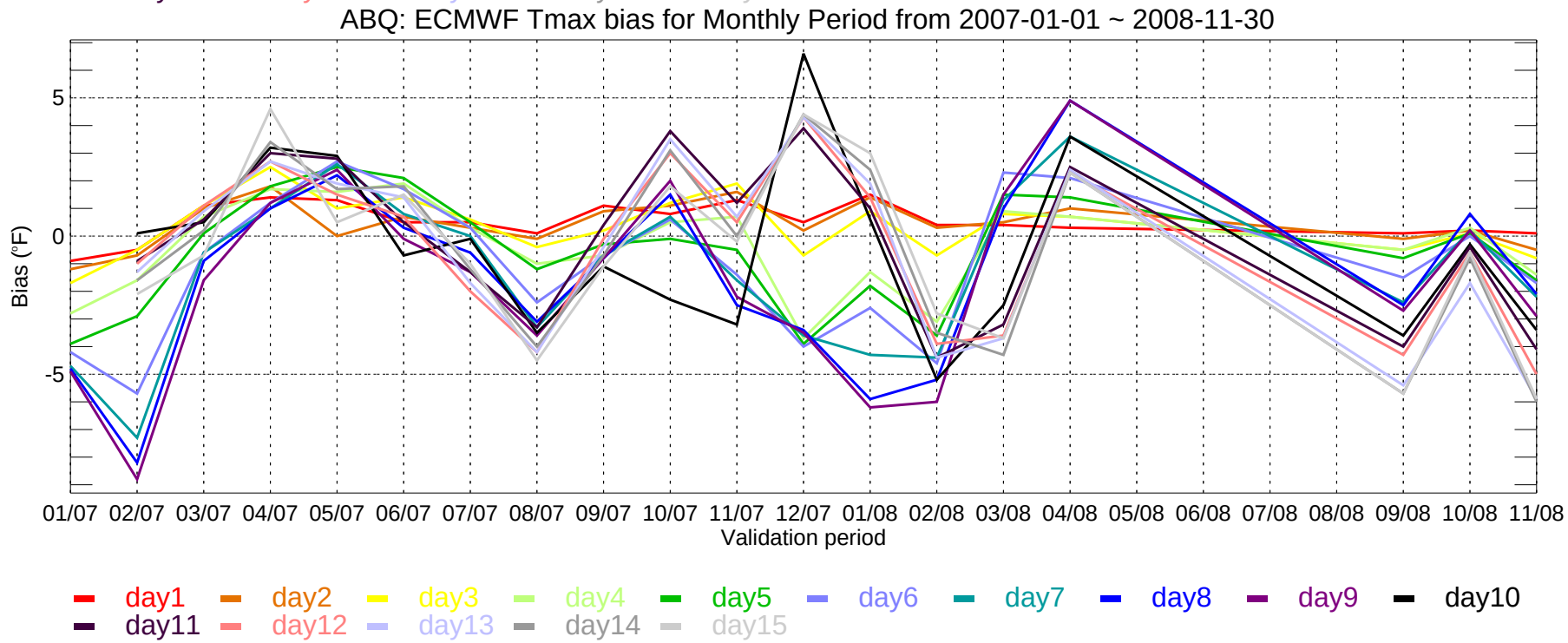
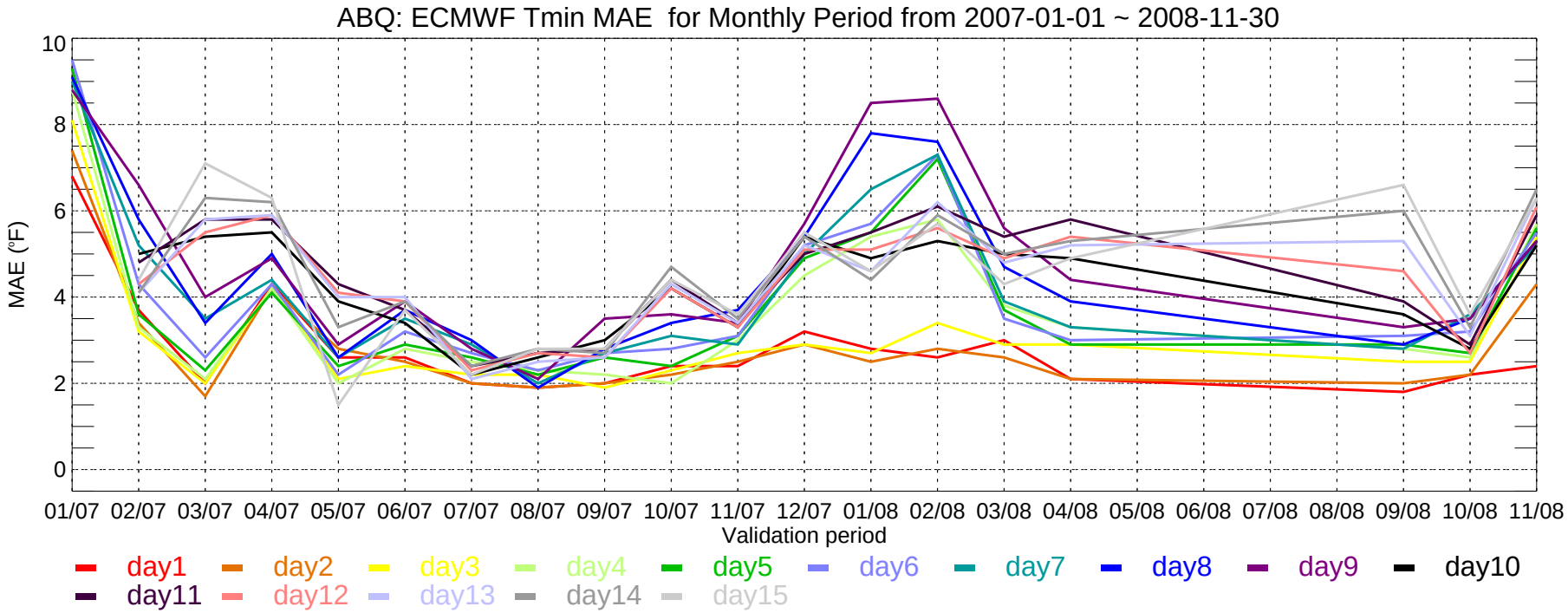
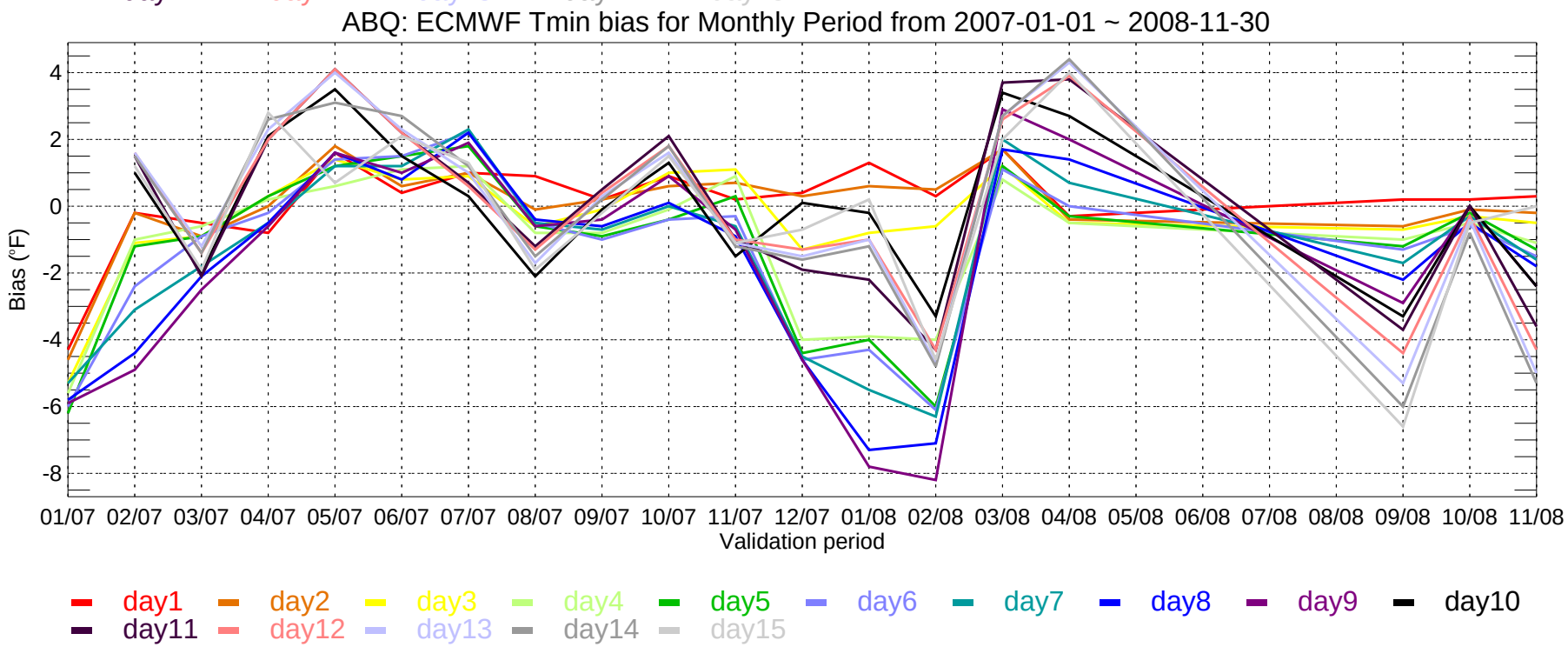
day11 day12 day13 day14 day15


ABI: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABQ: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABQ: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABQ: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ABQ: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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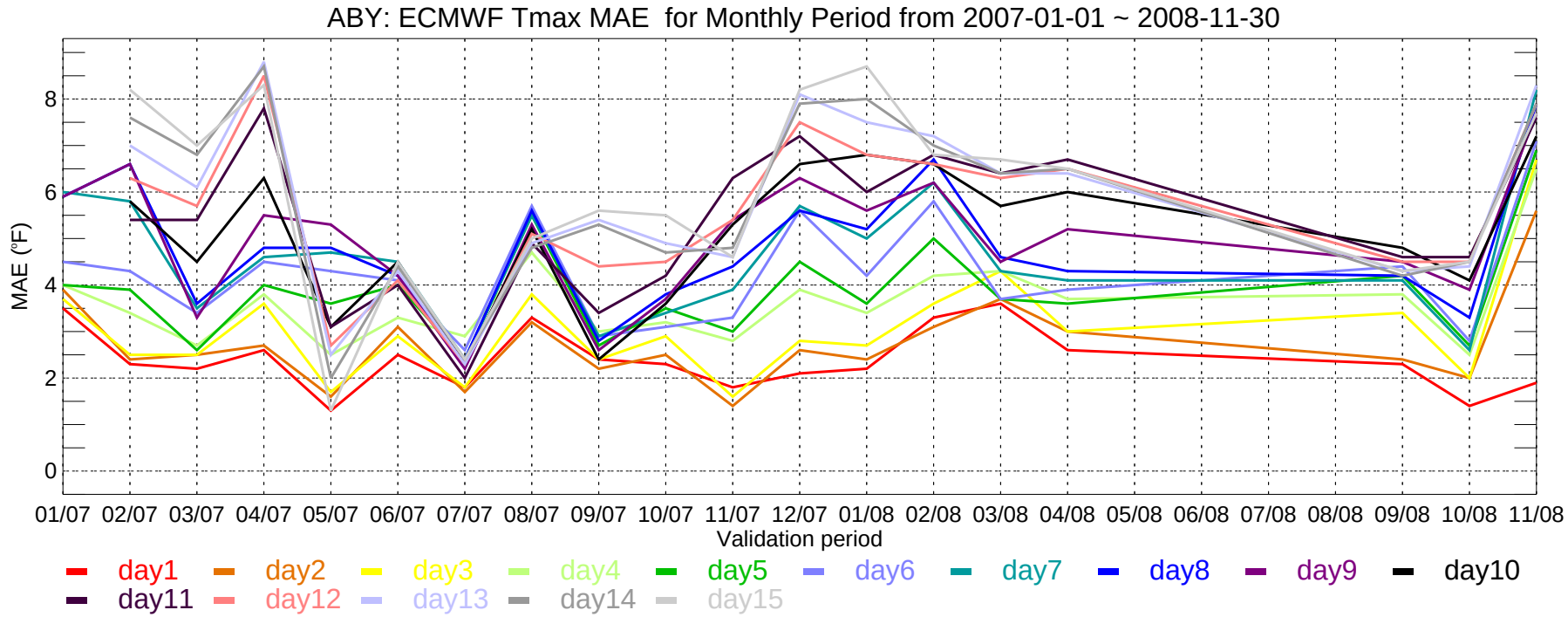
day11 day12 day13 day14 day15


ABY: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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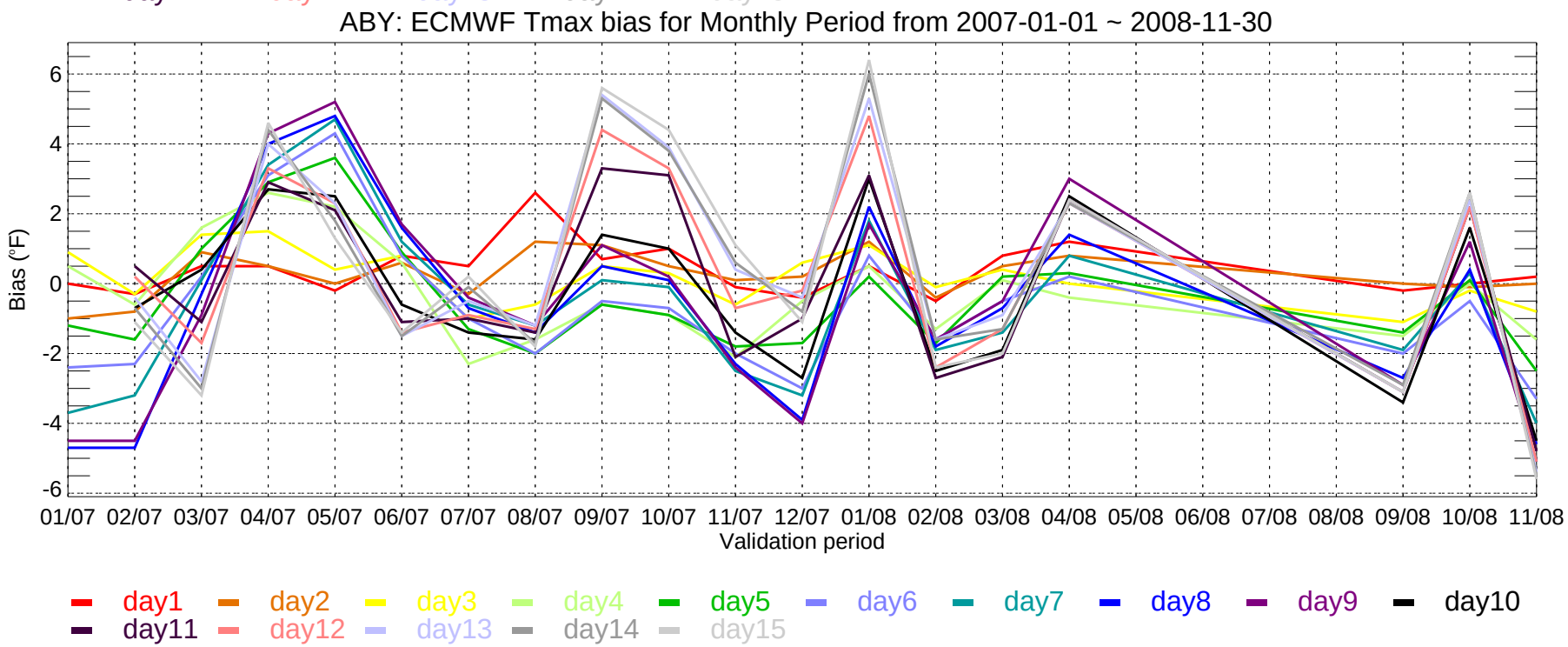
day11 day12 day13 day14 day15


ABY: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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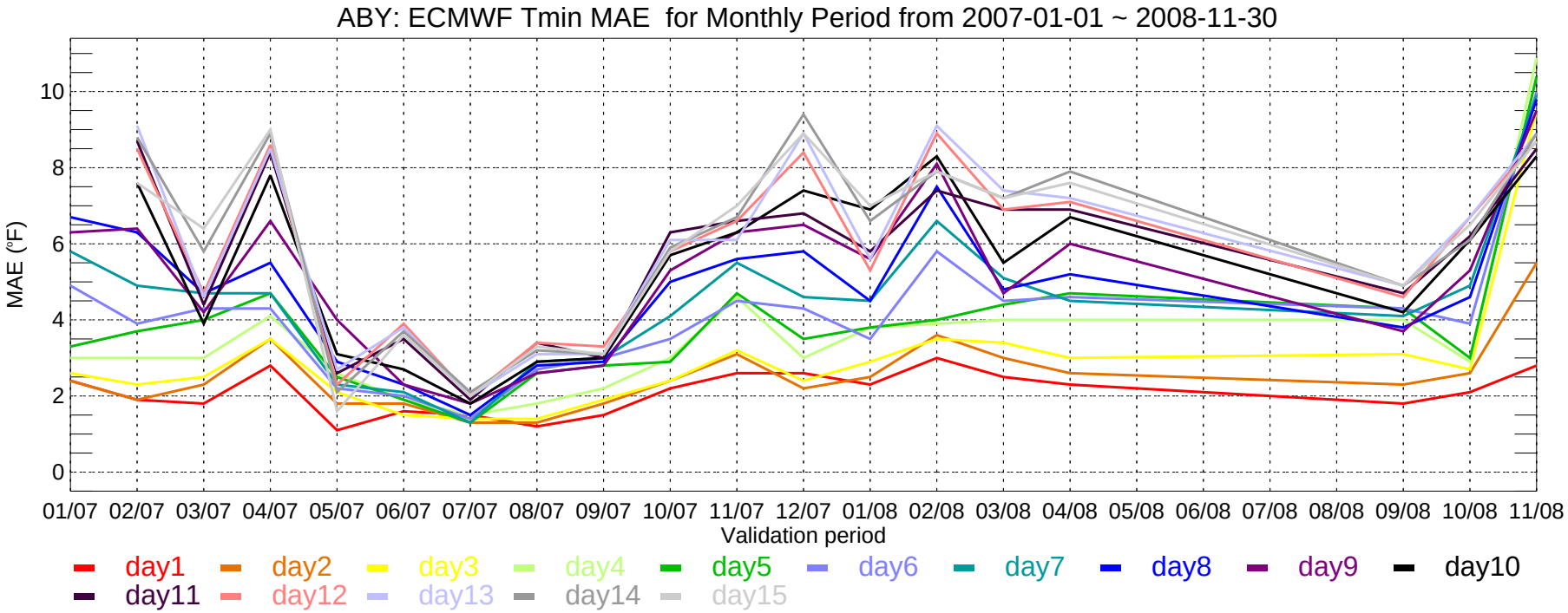
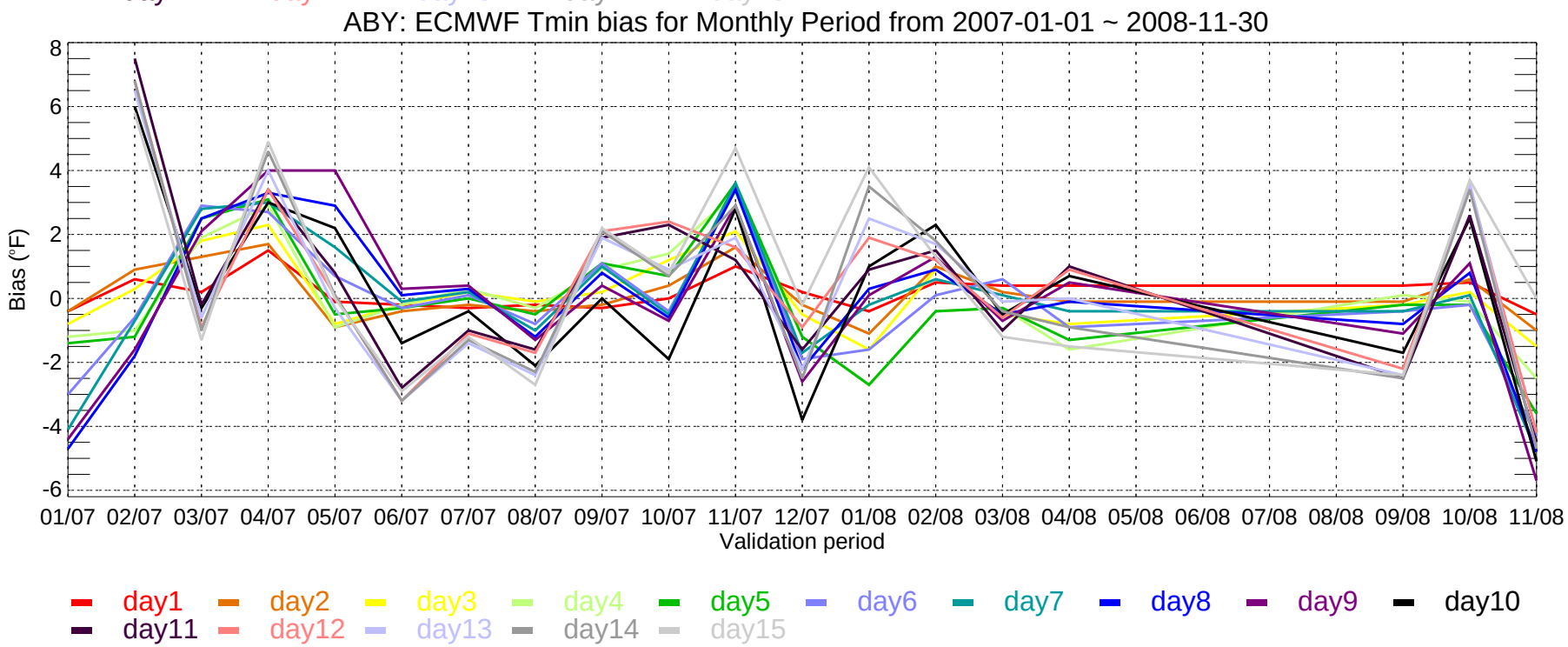
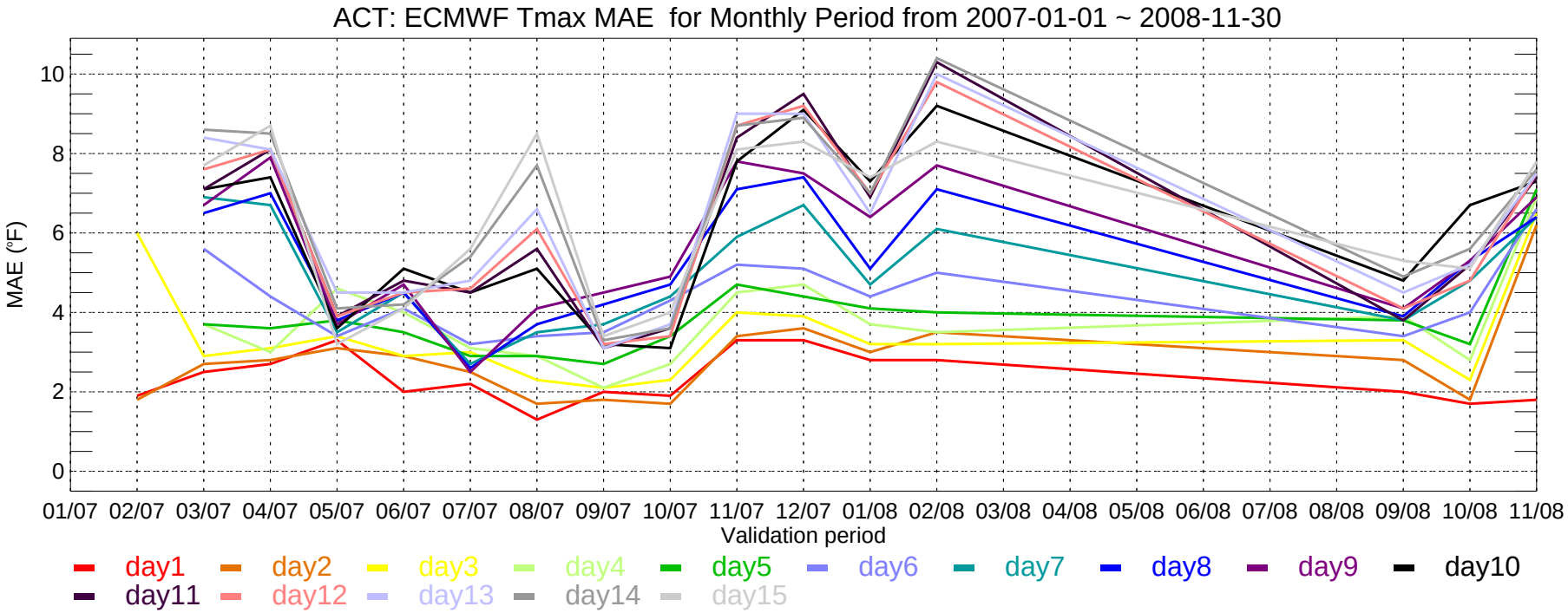
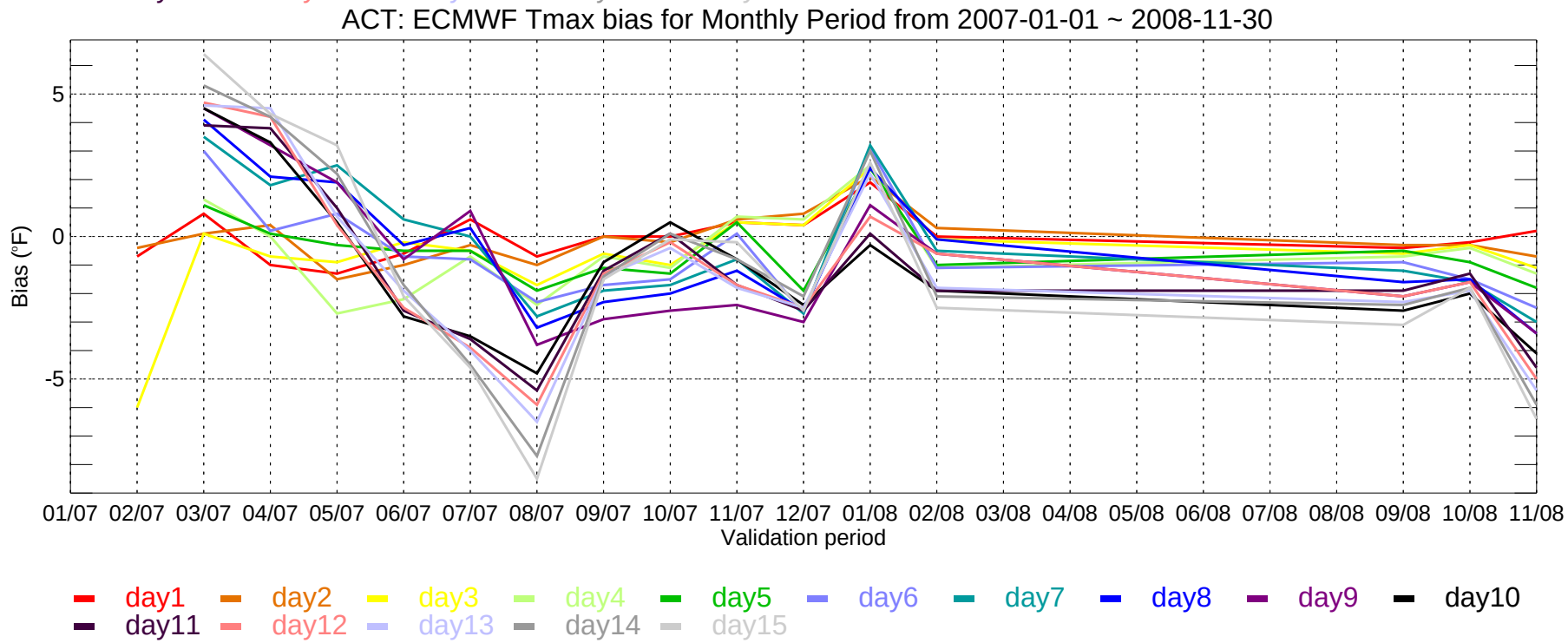
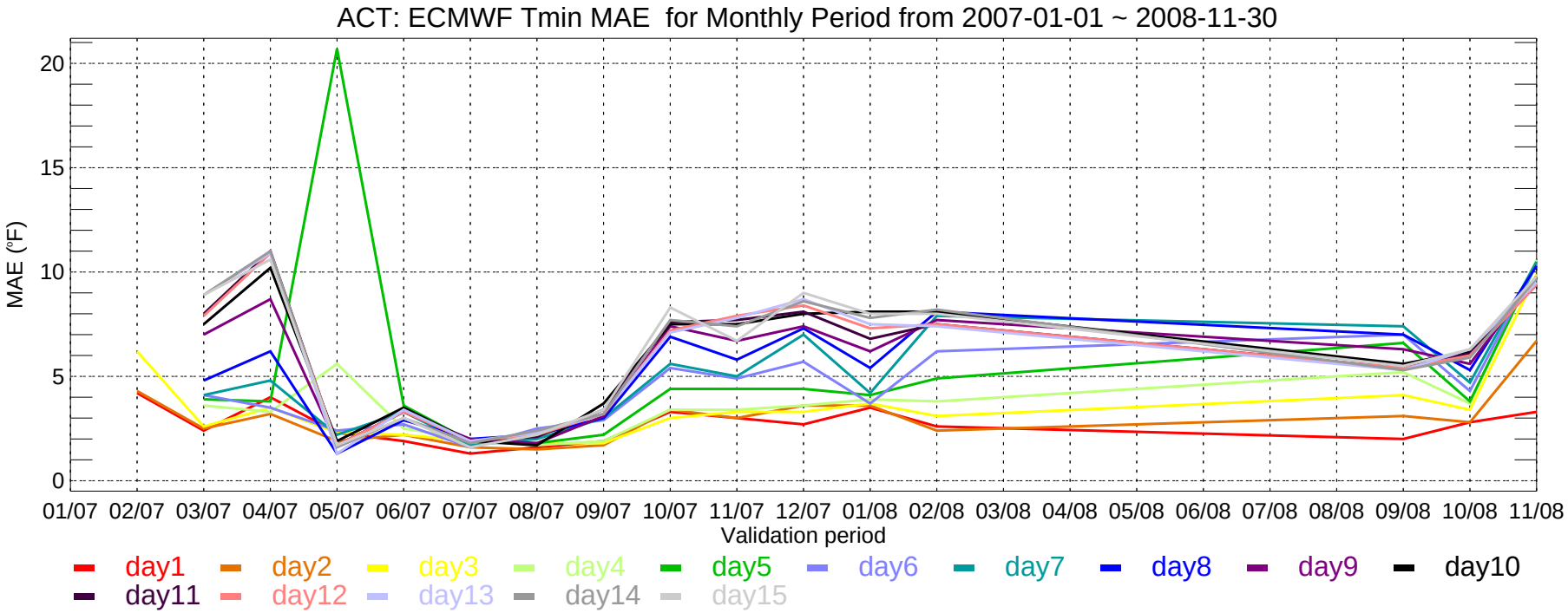
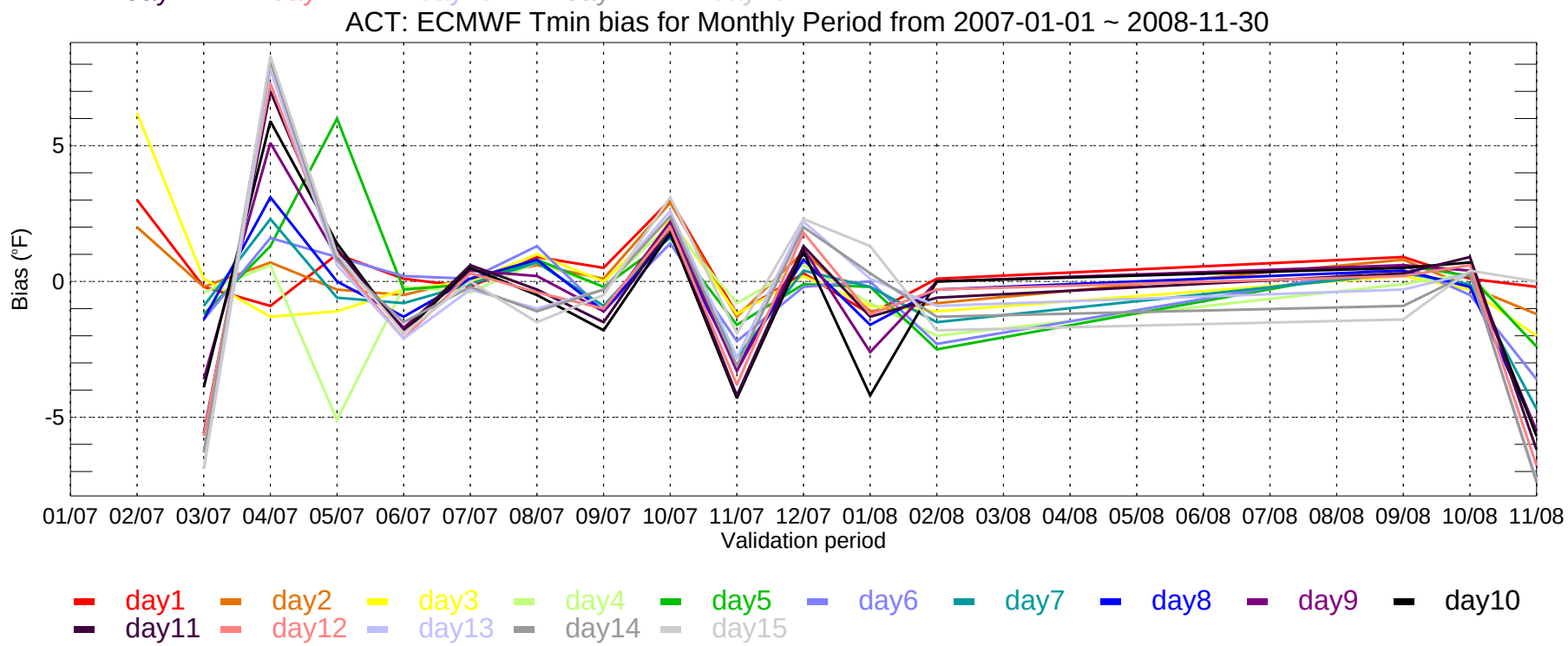

ABY: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

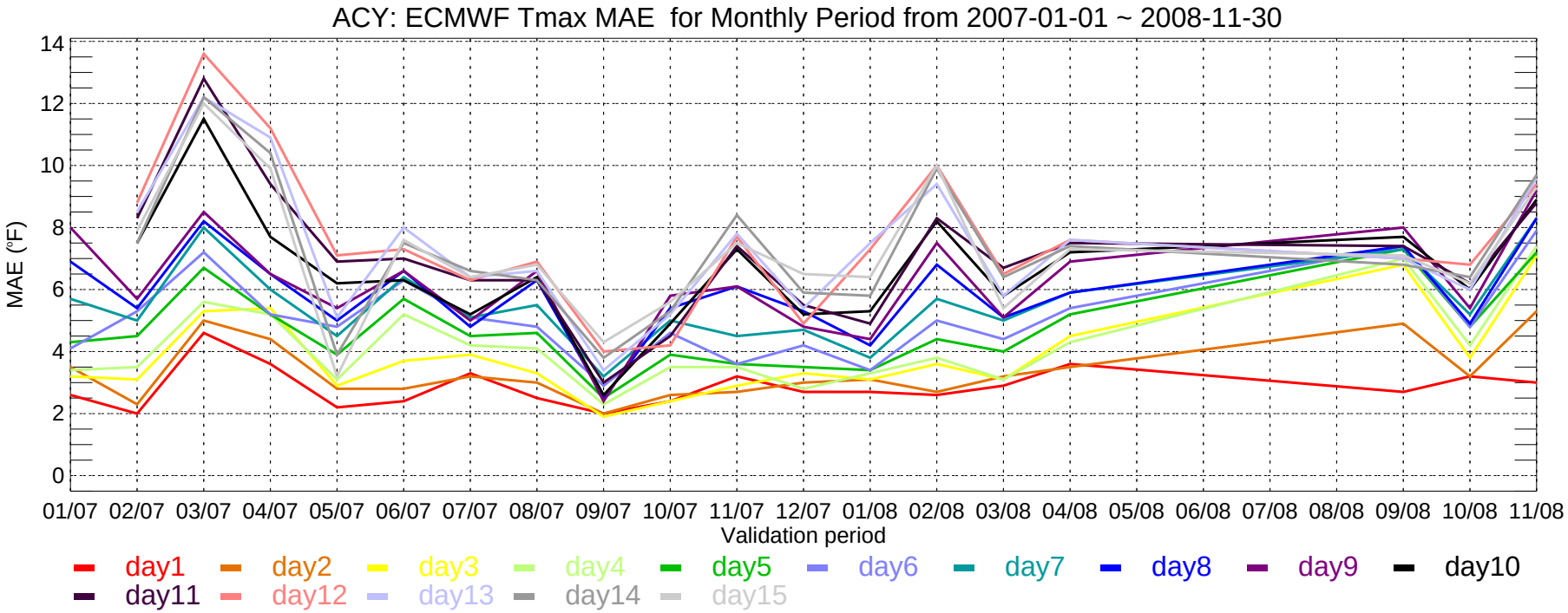

ABY: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ACT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ACT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ACT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ACT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ACY: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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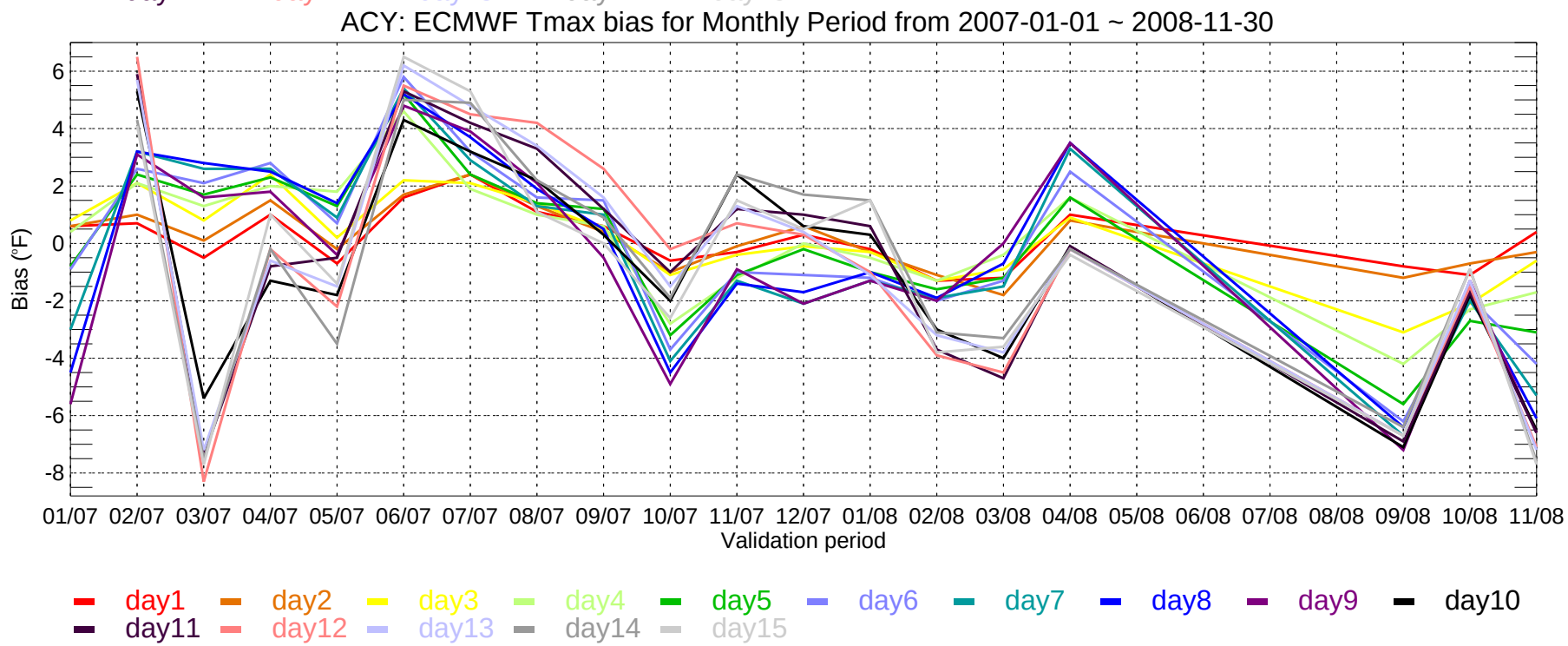
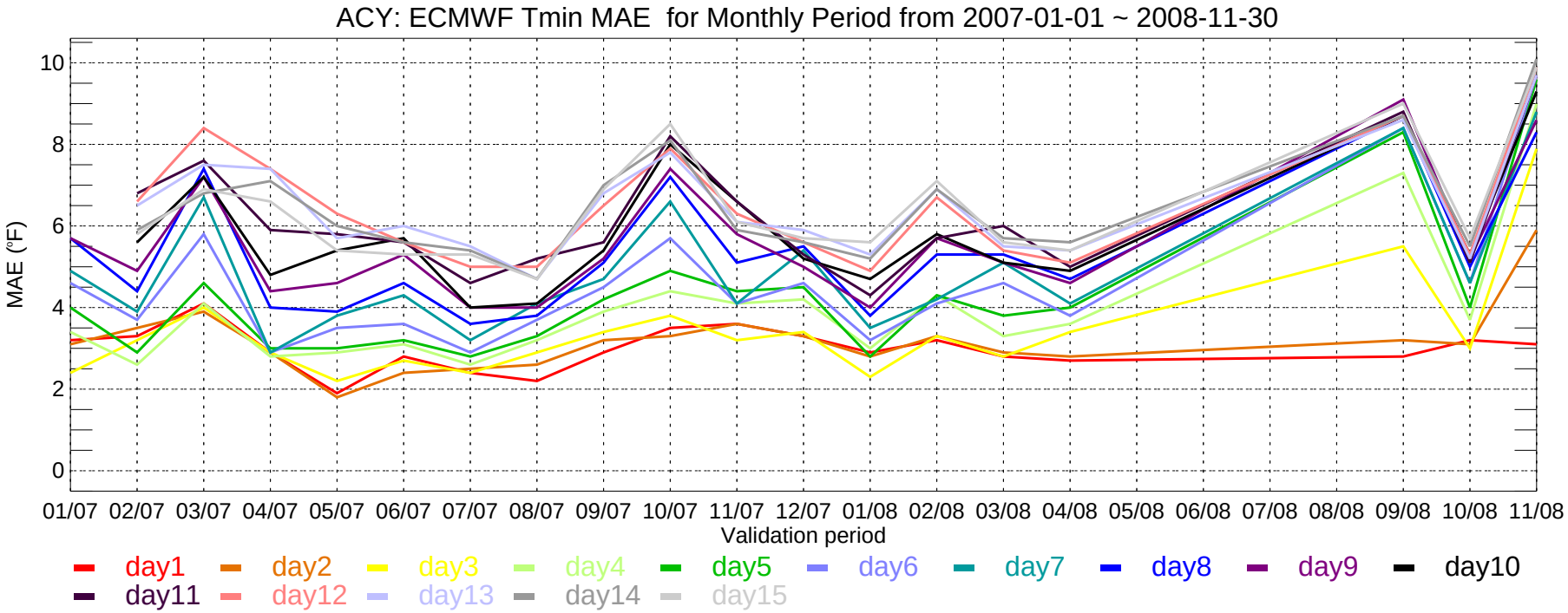
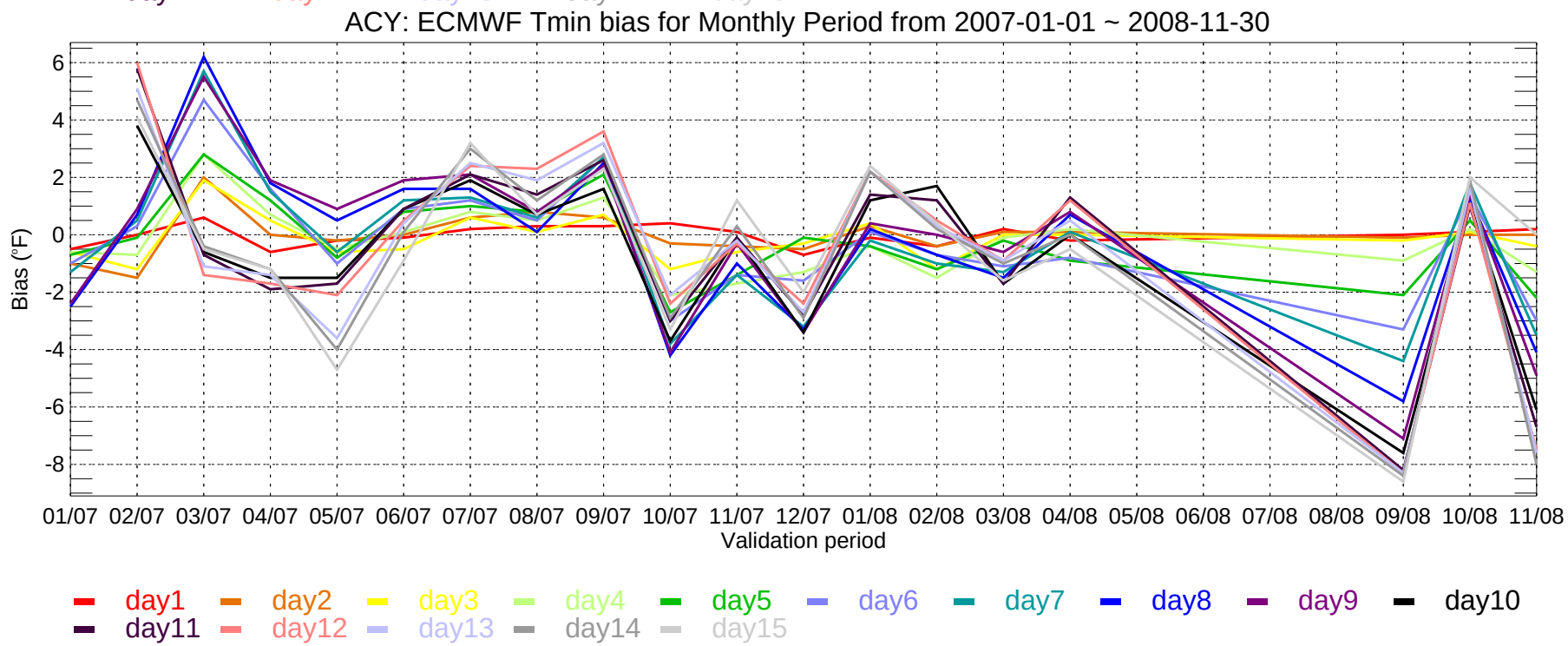
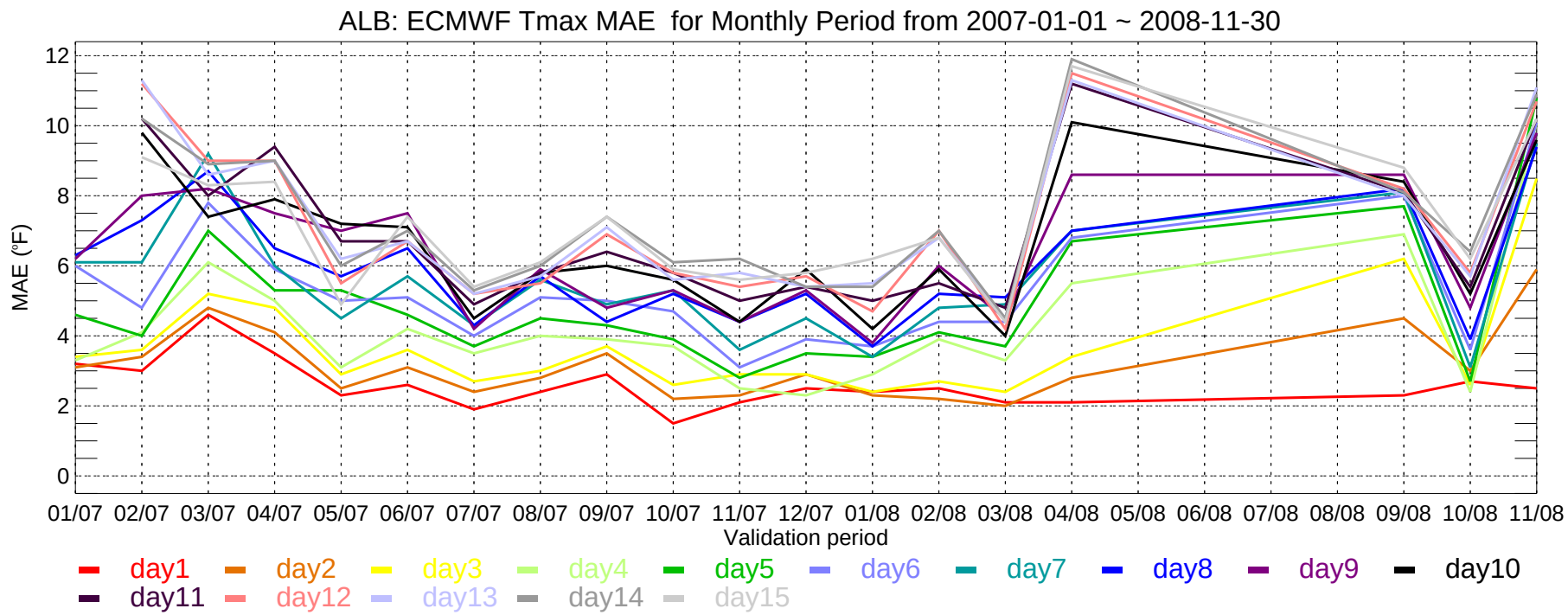
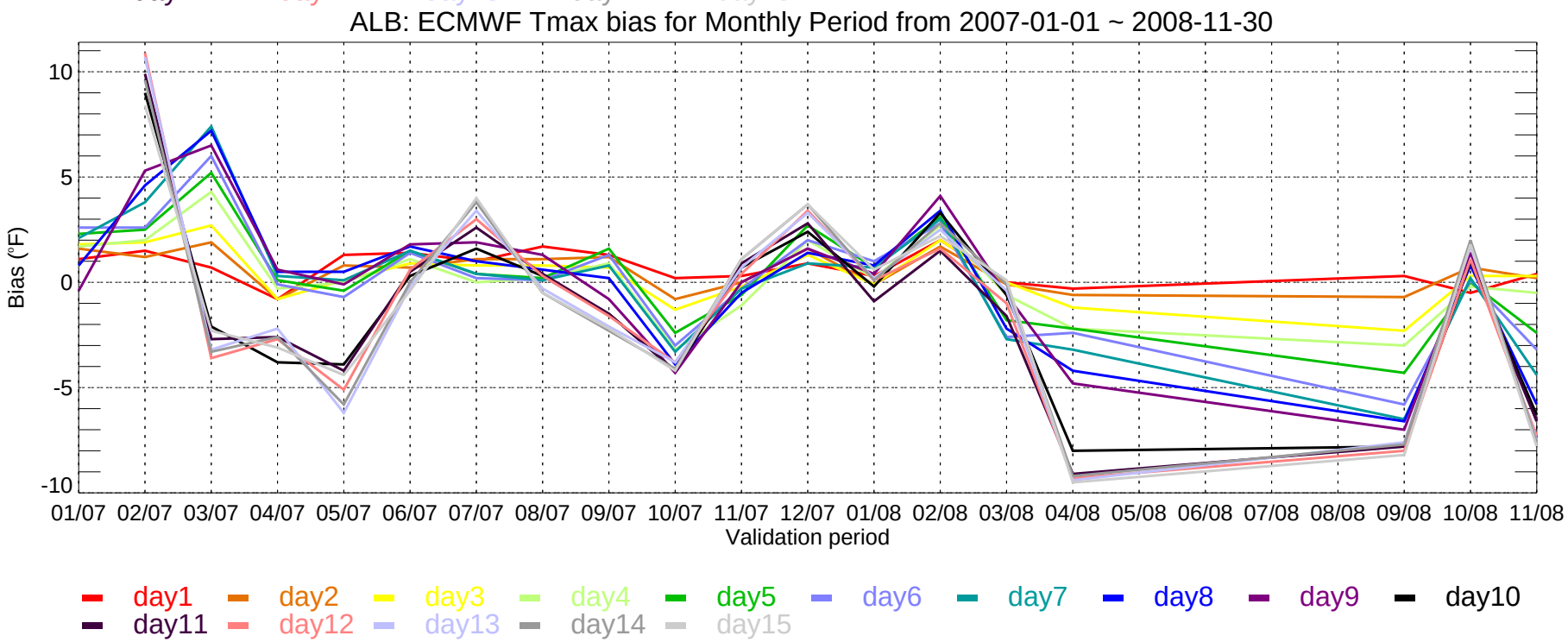
day11 day12 day13 day14 day15

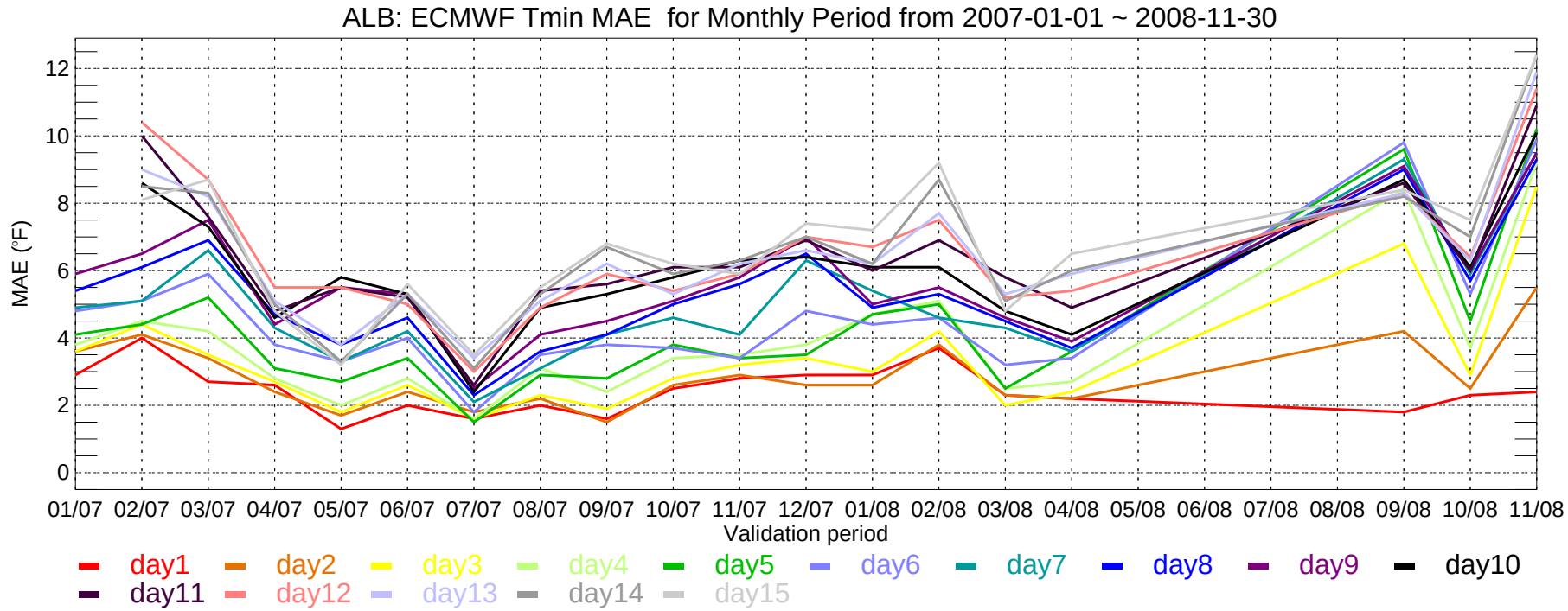

ACY: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

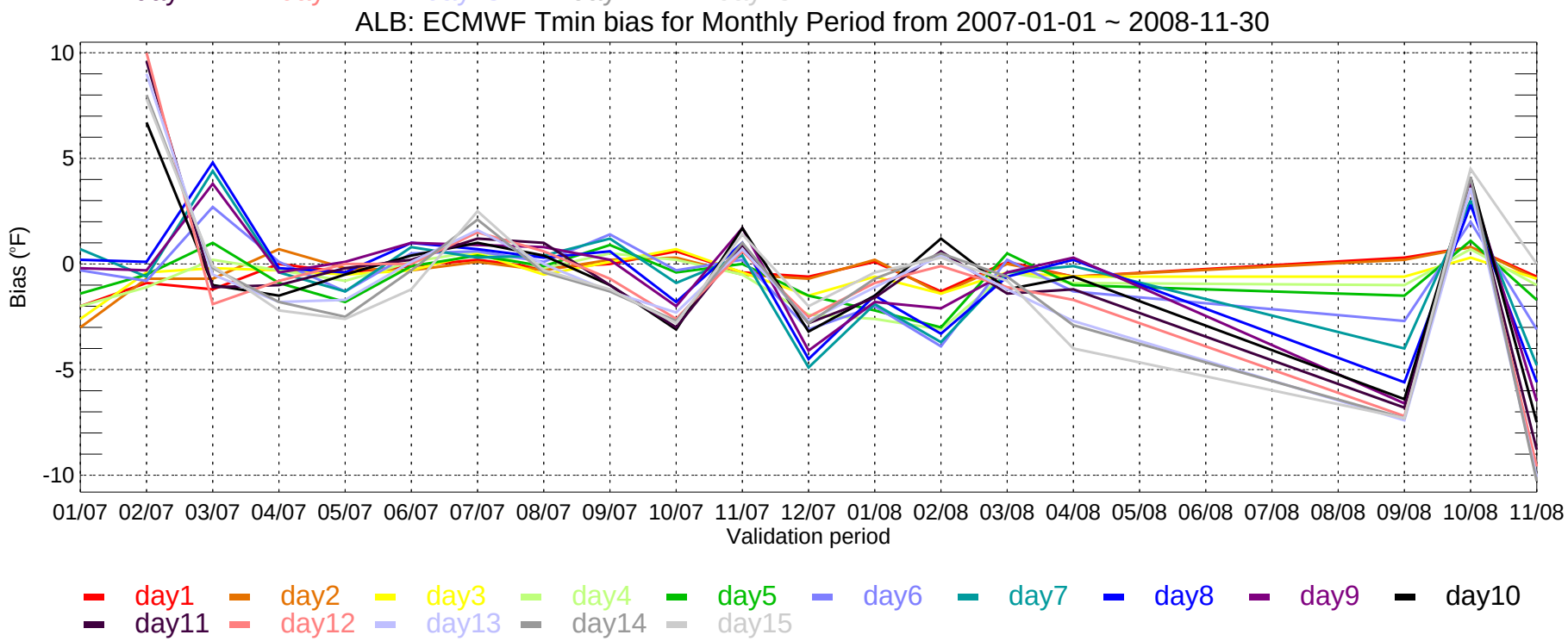

ACY: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

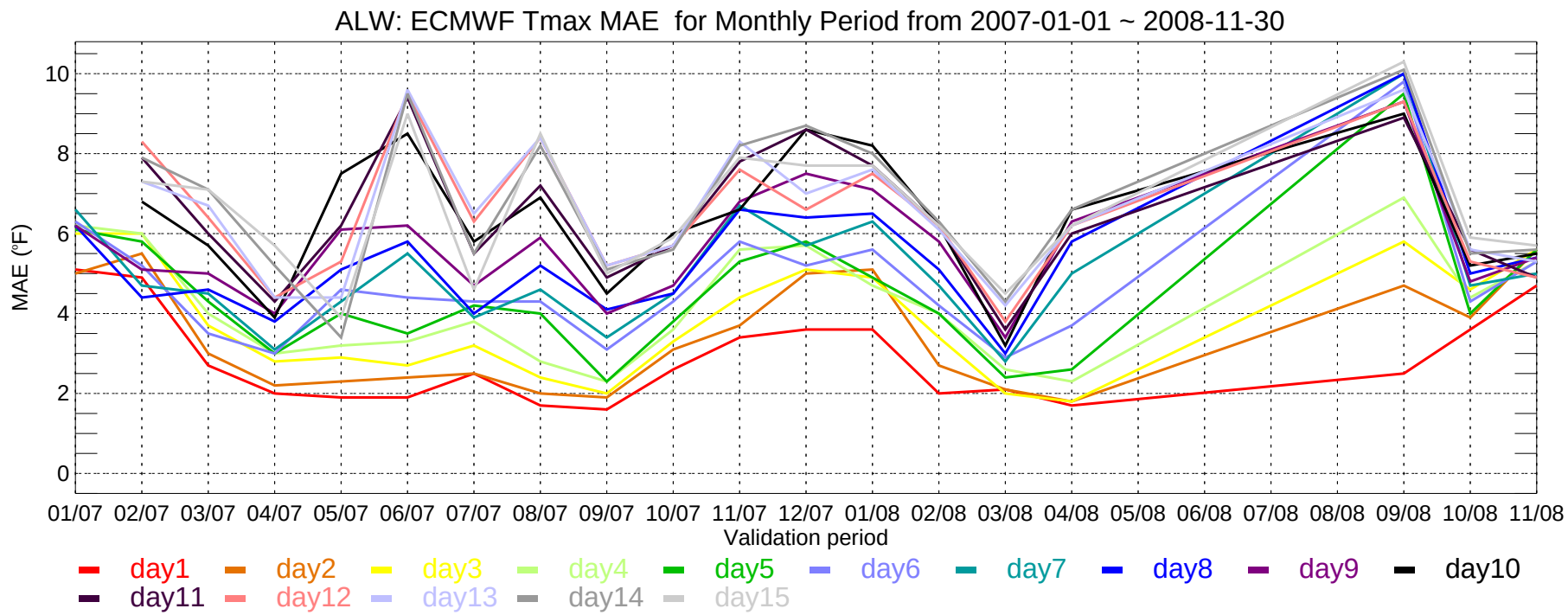

ACY: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

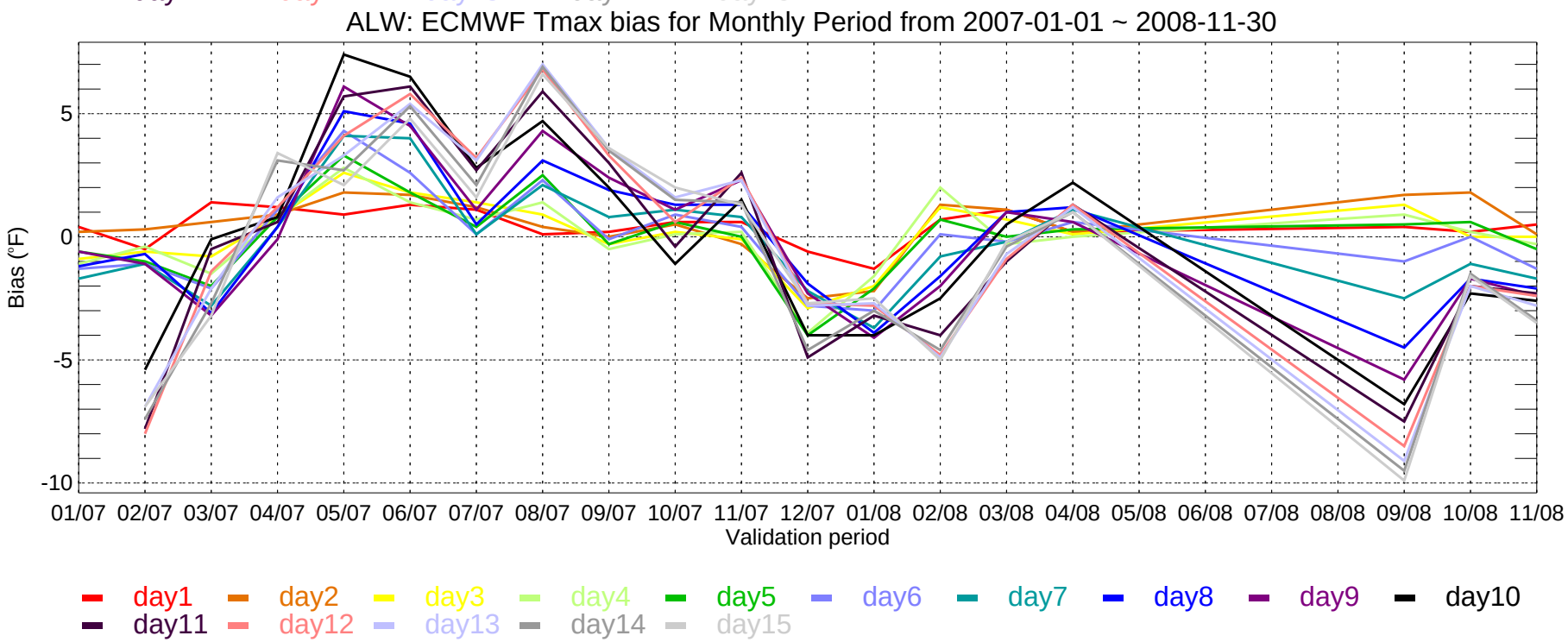

ALB: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

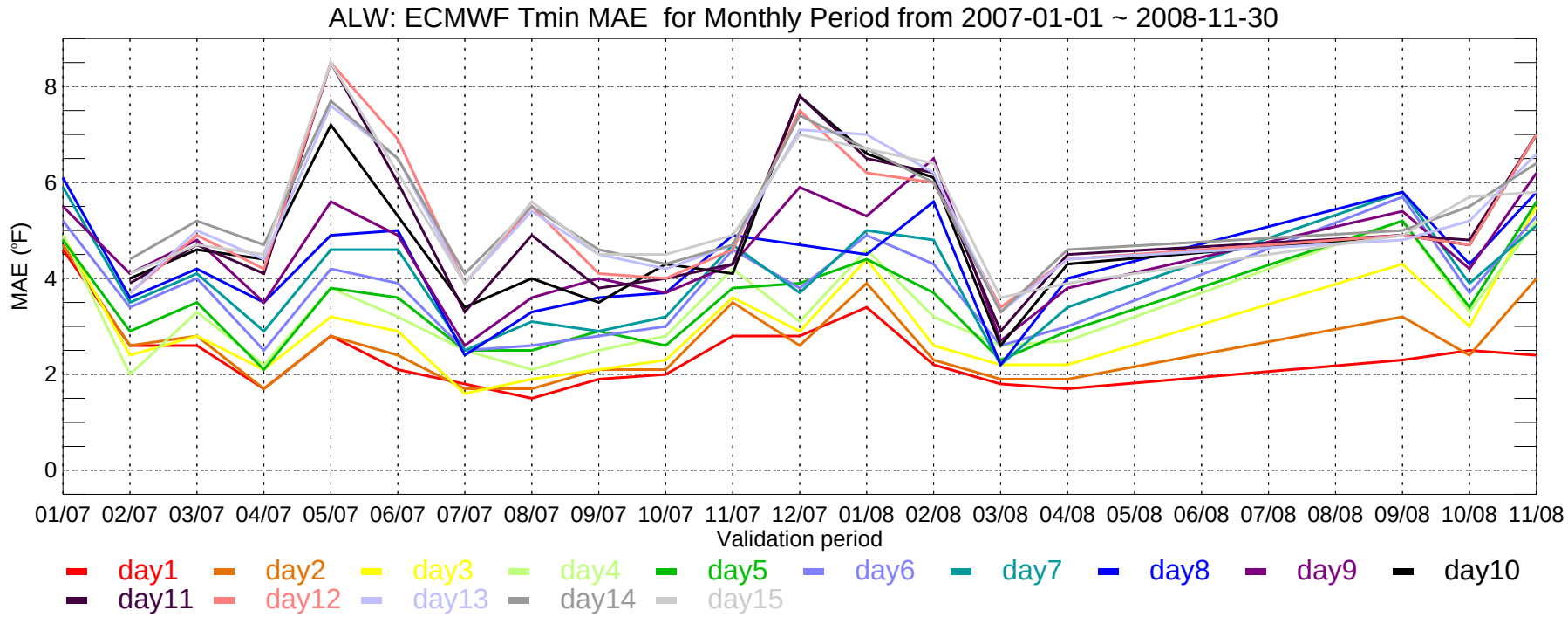

ALB: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

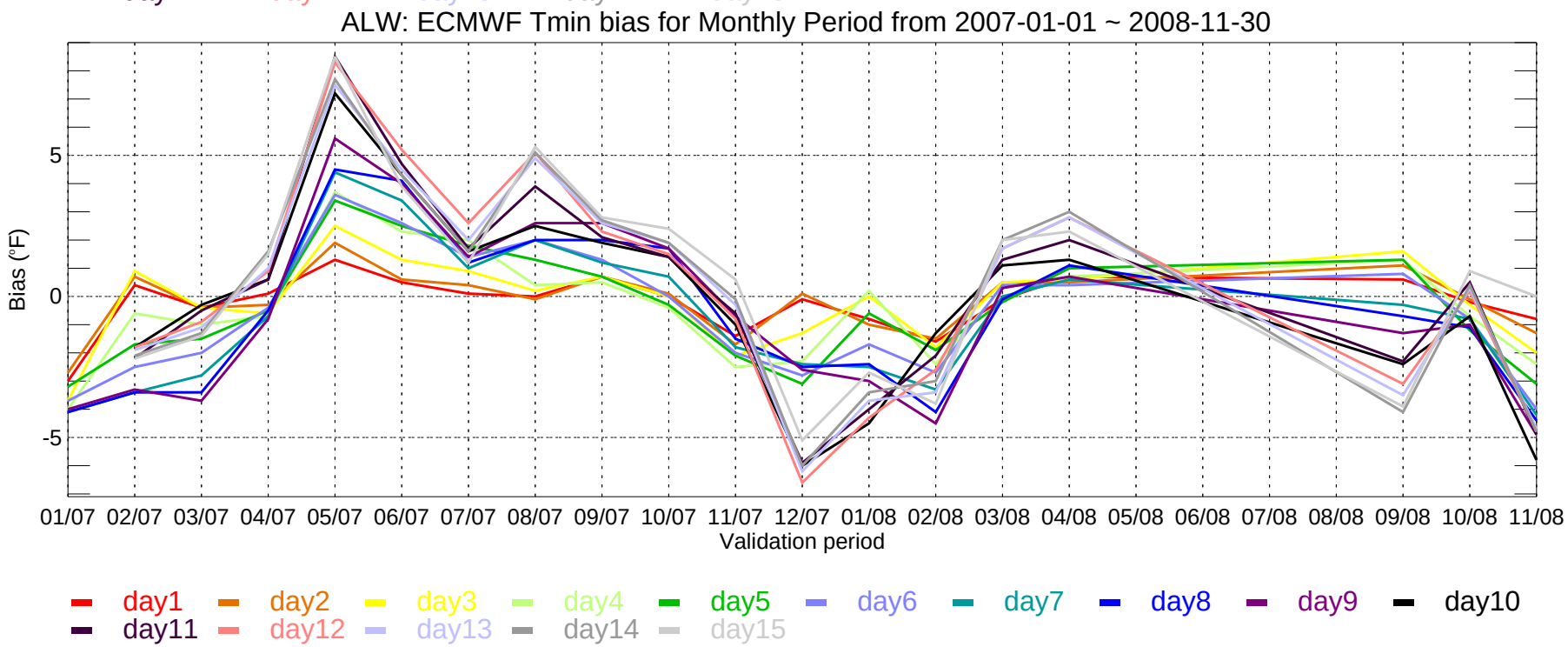

ALB: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

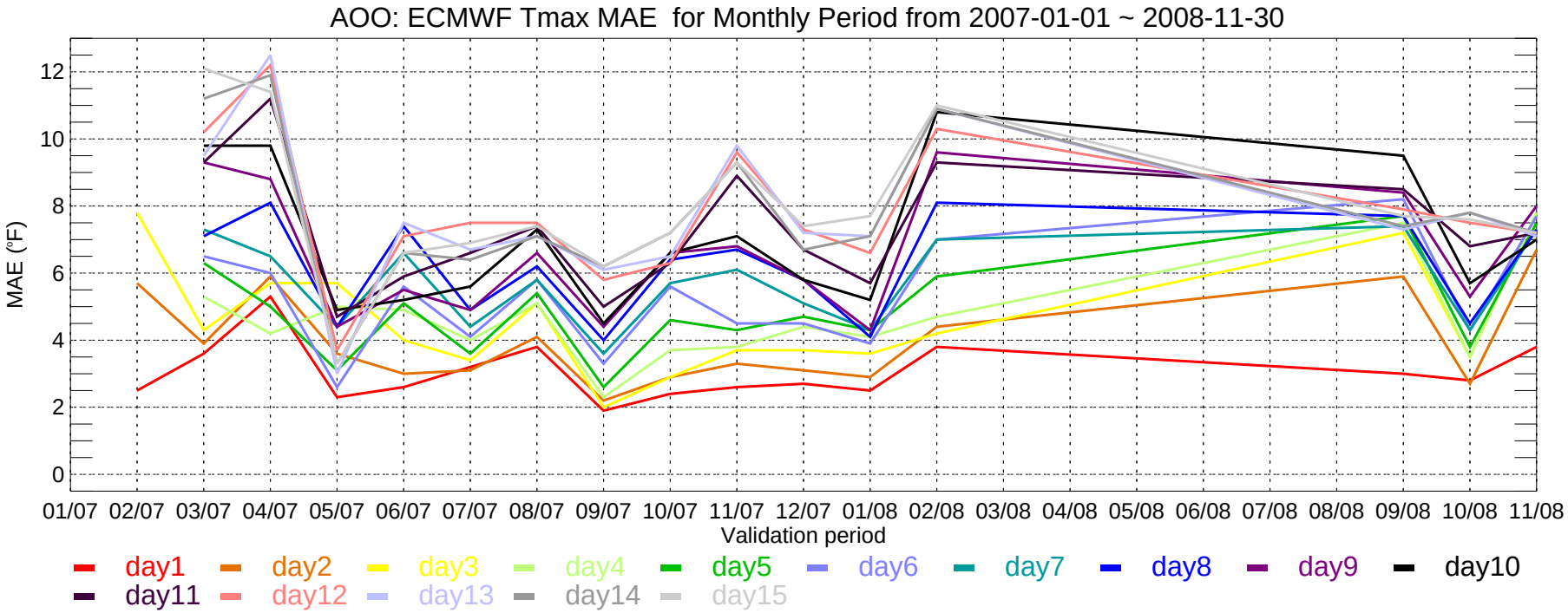

ALB: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

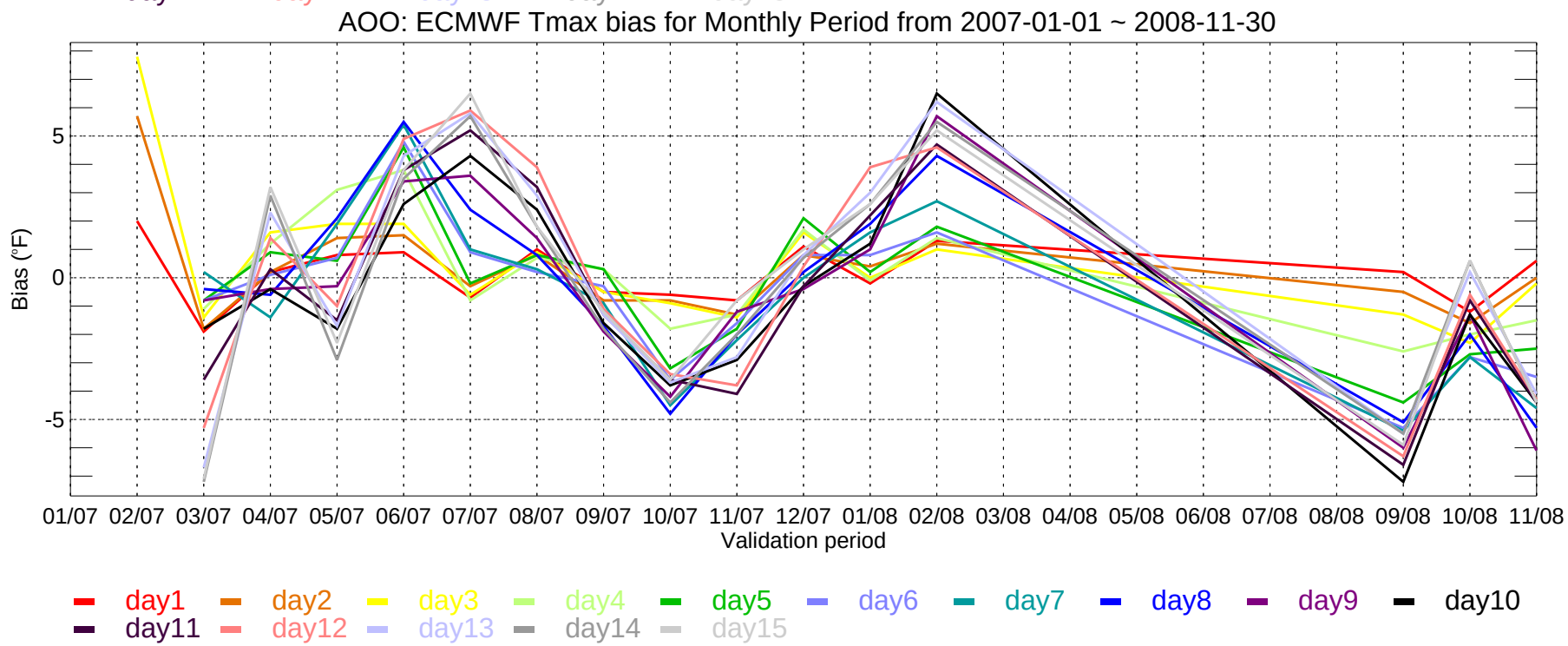

ALW: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

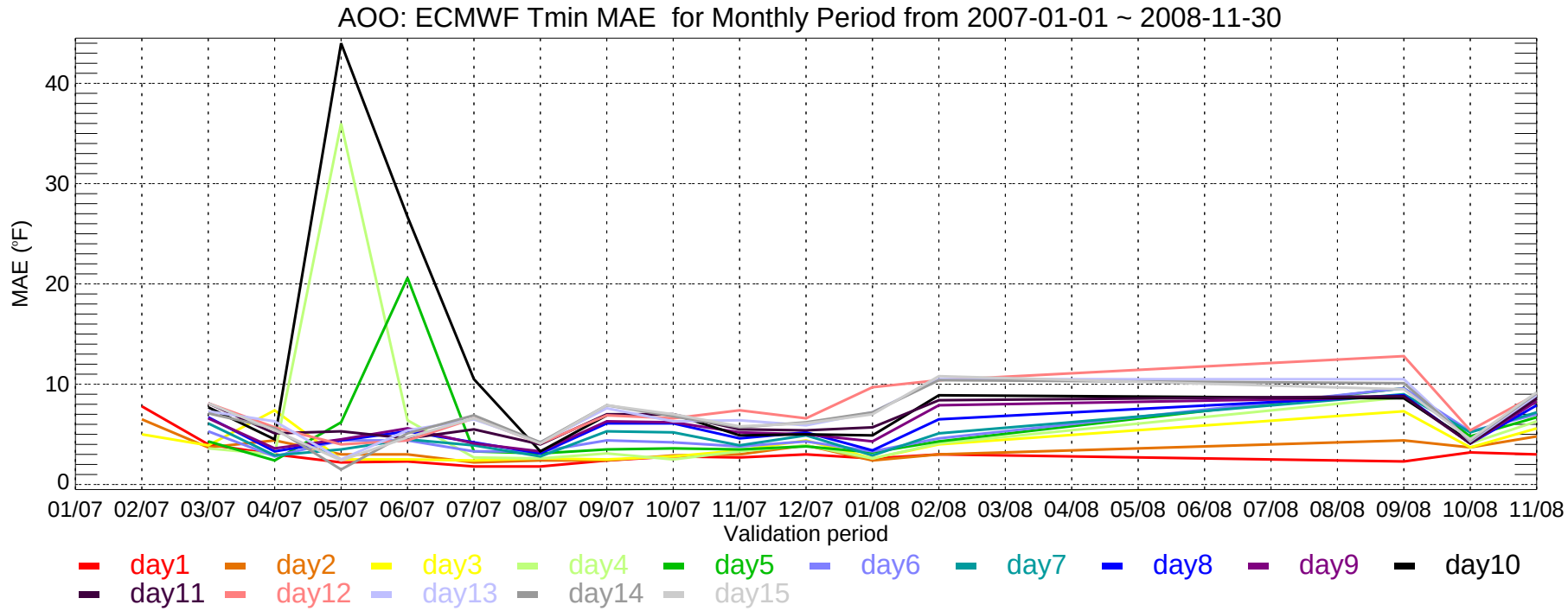

ALW: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

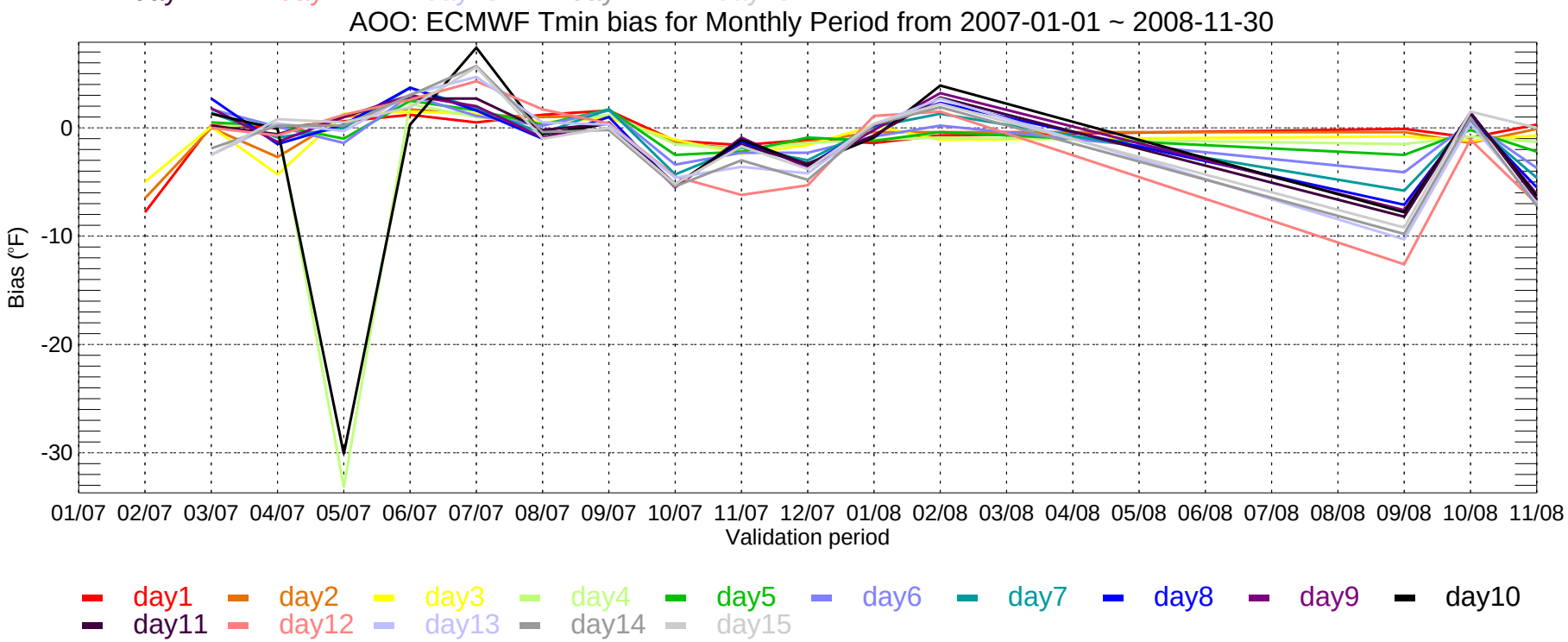

ALW: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

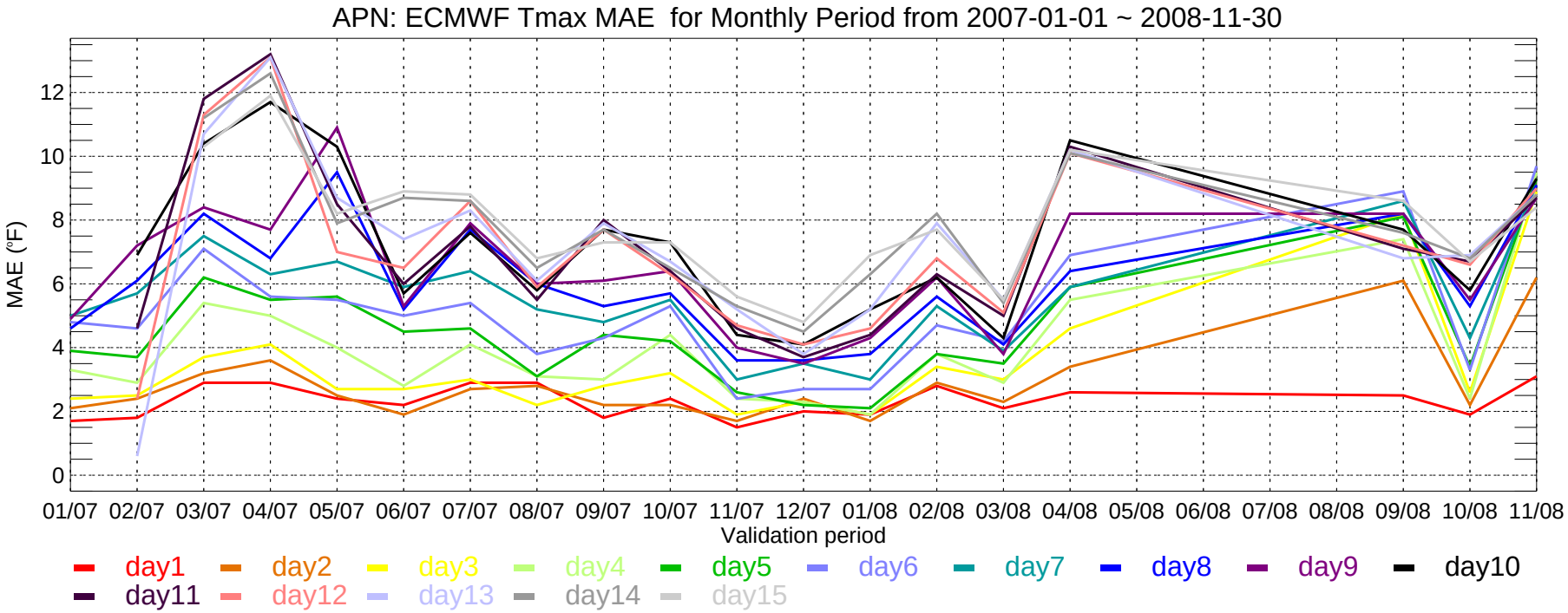

ALW: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

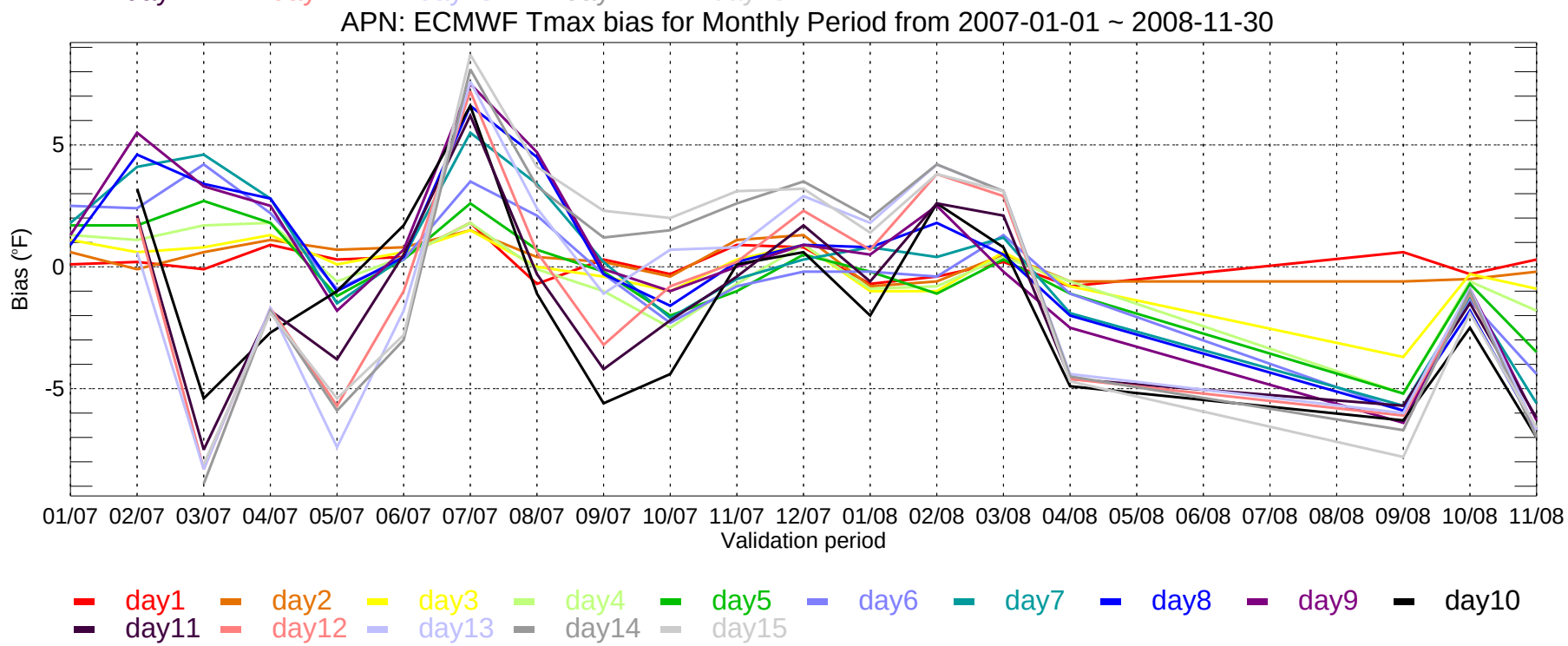

AOO: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

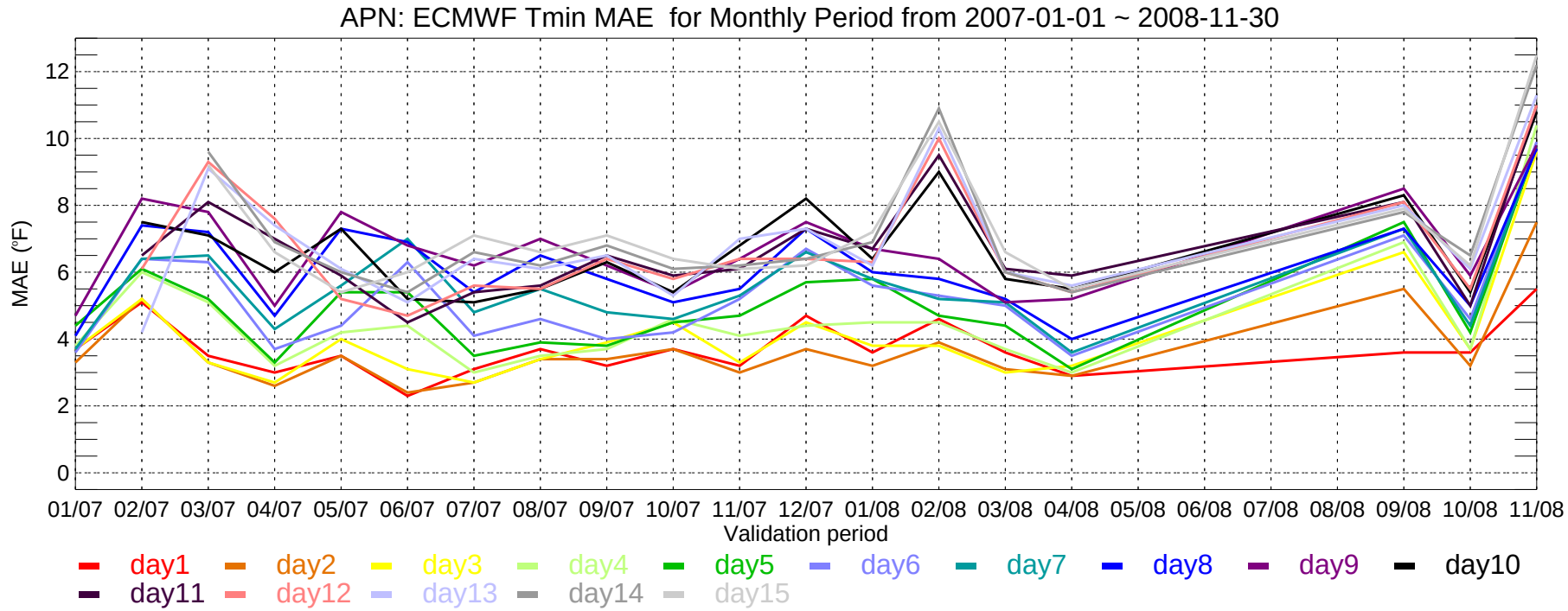

AOO: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

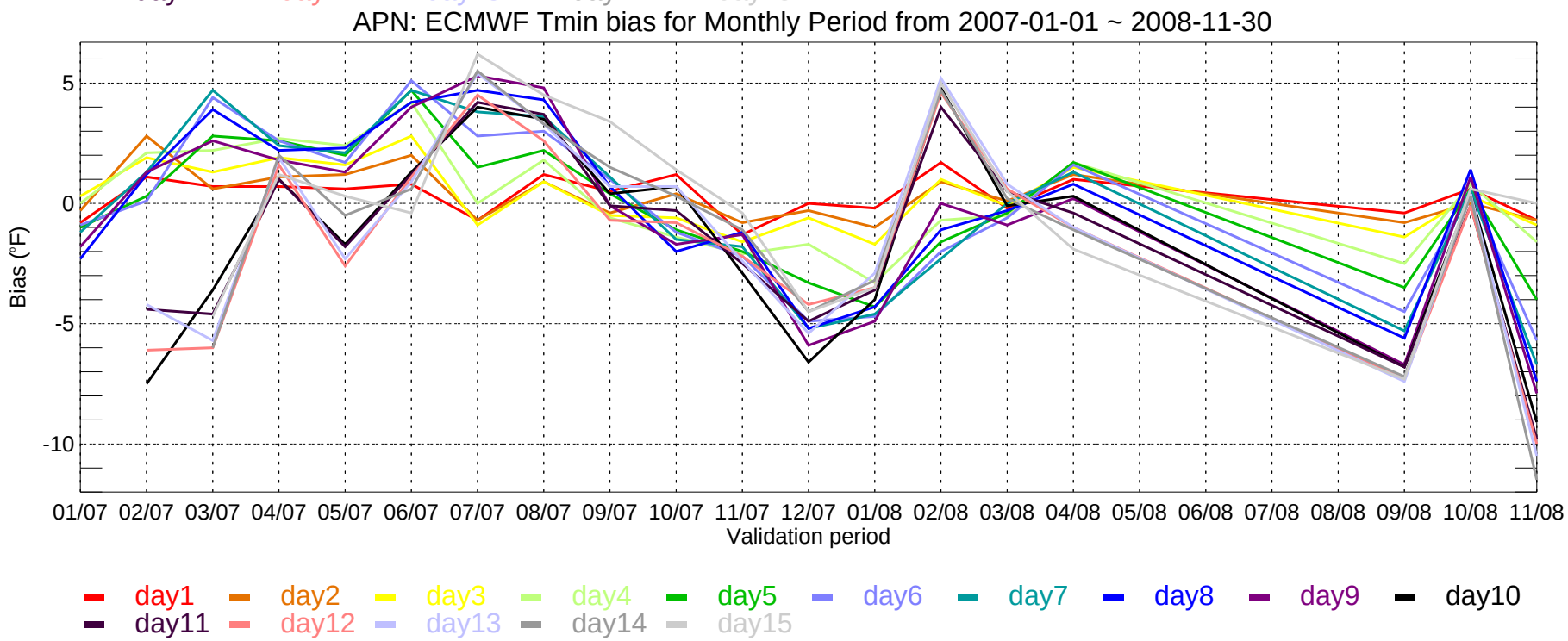

AOO: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
10
20
30
40
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

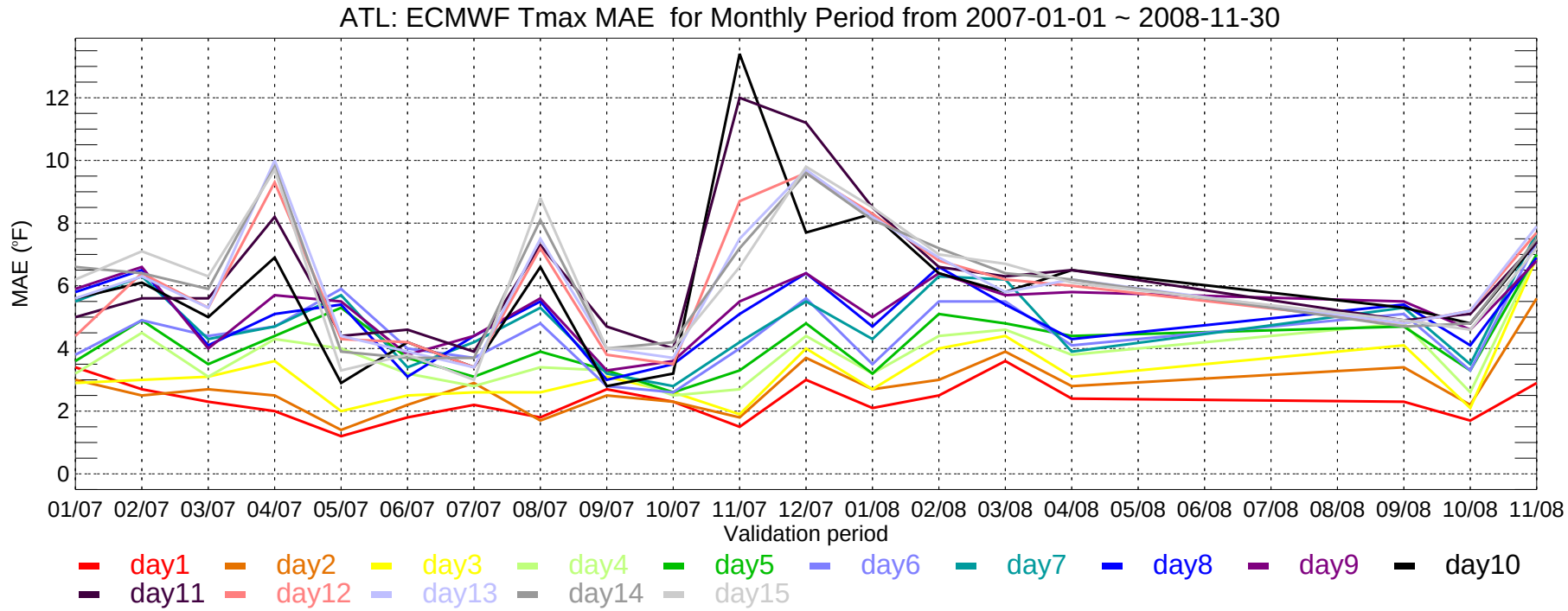

AOO: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
0
-10
-20
-30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


APN: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


APN: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


APN: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


APN: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ATL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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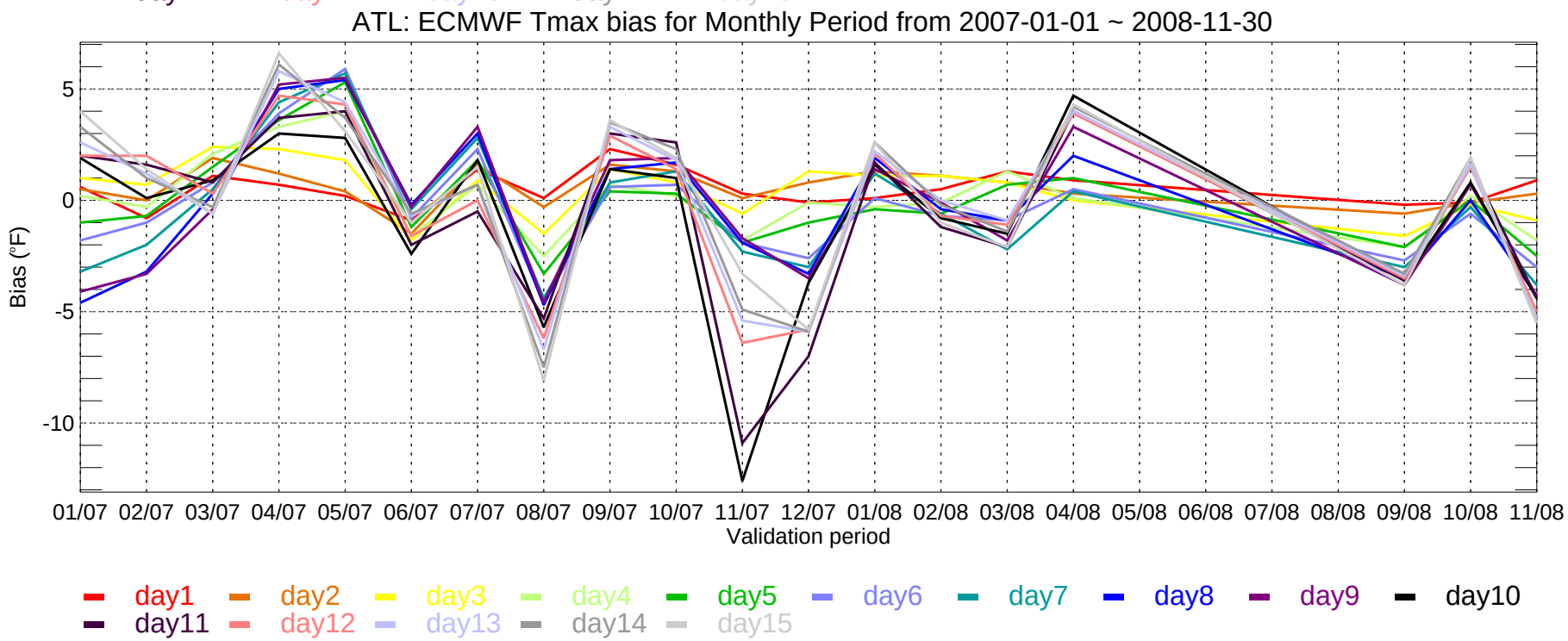
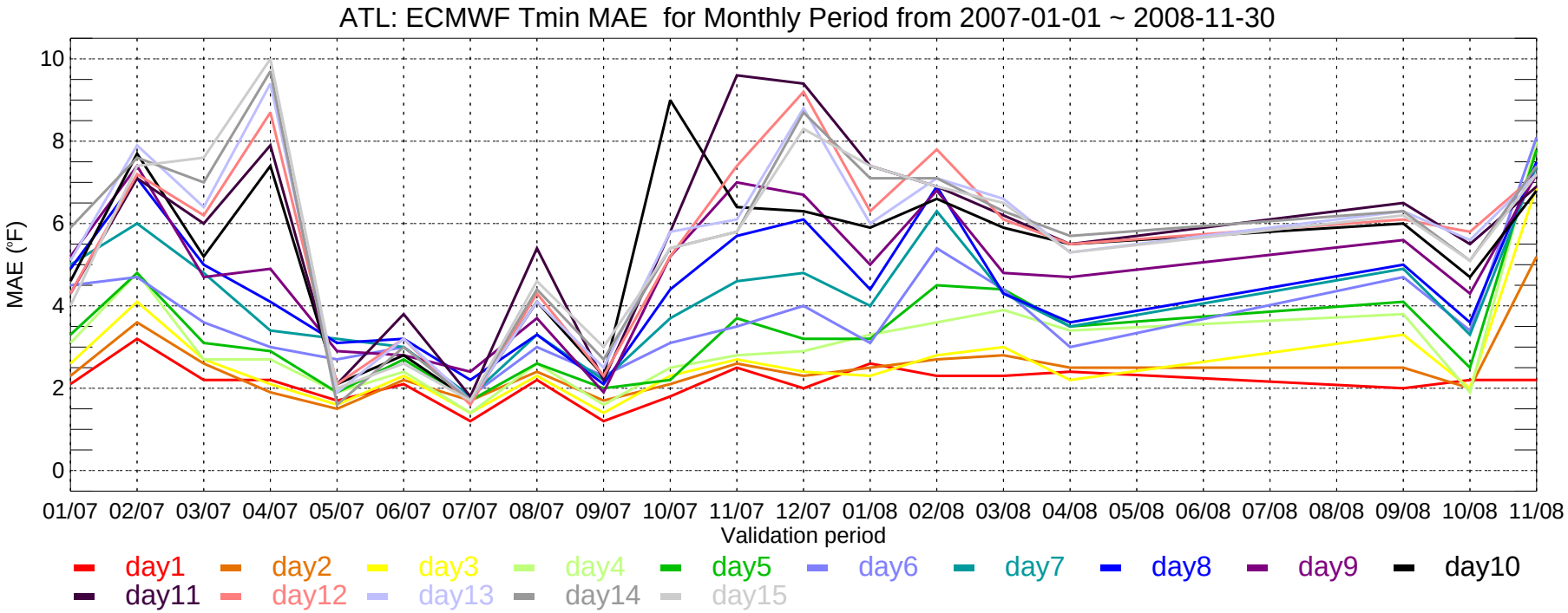
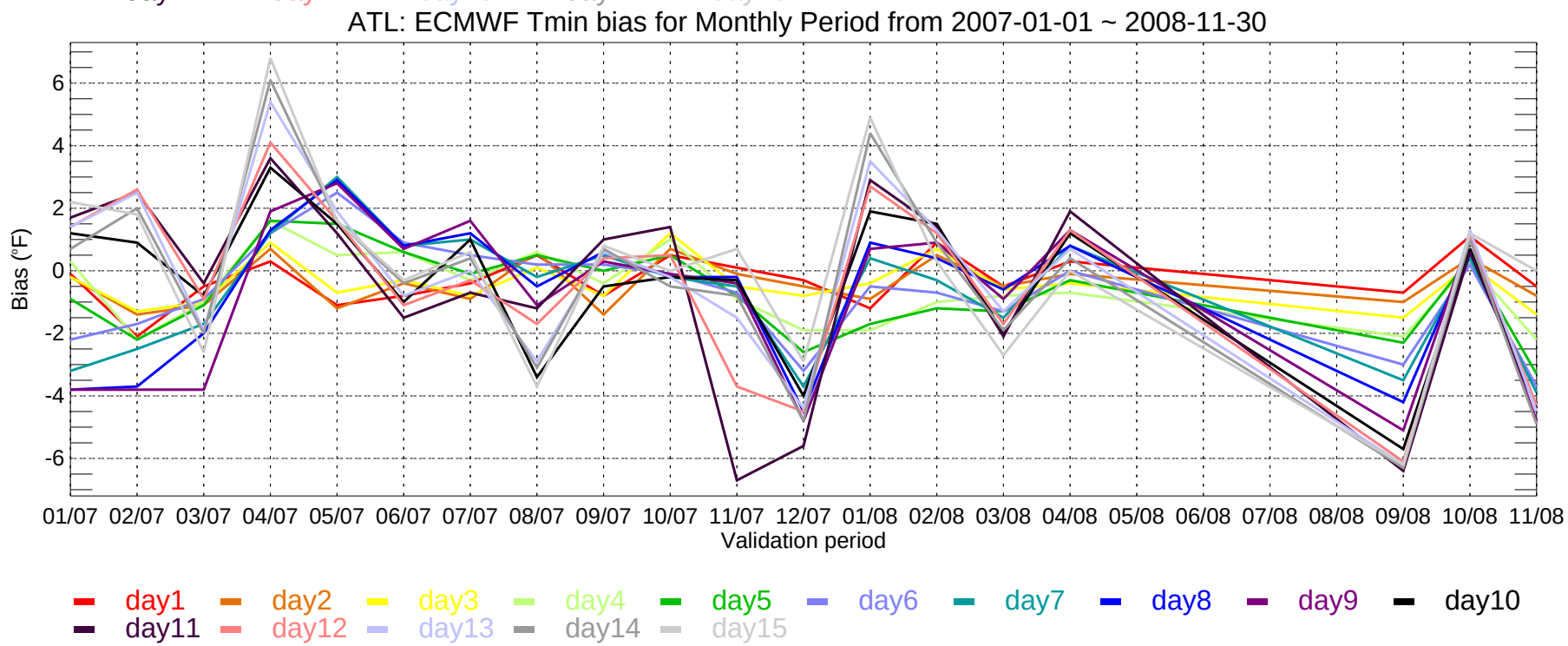
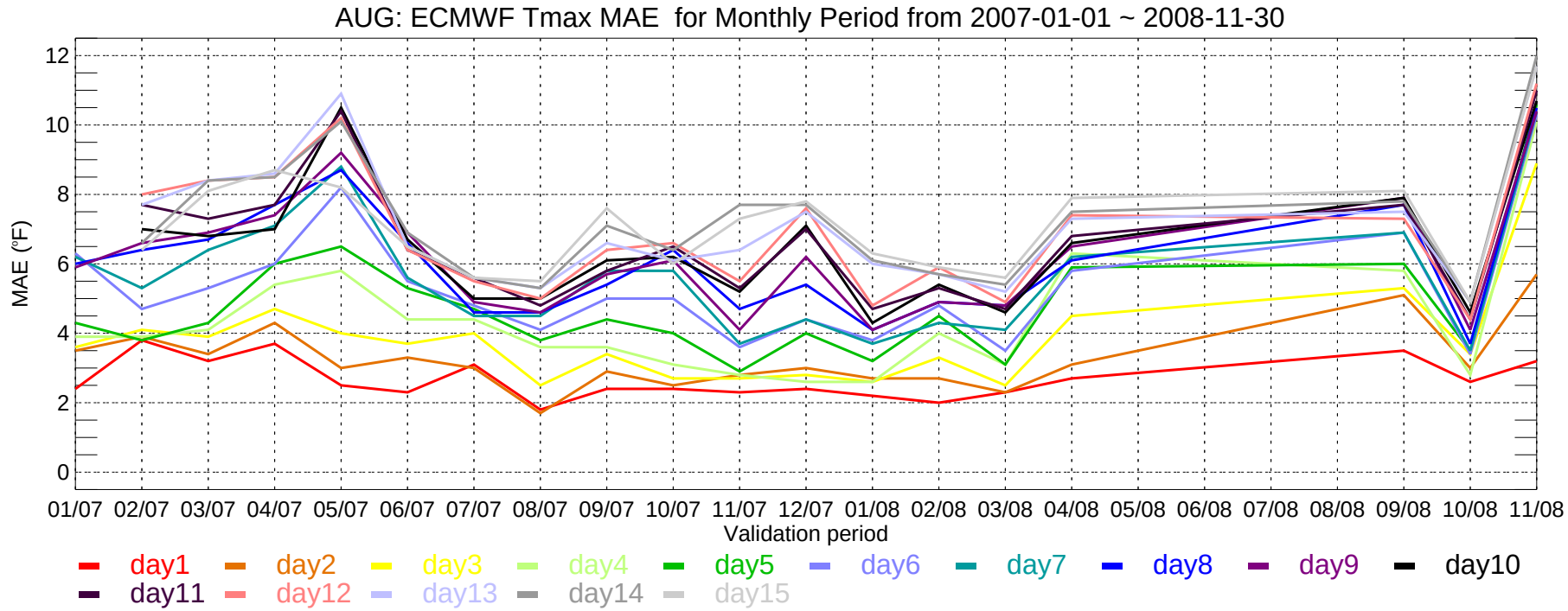
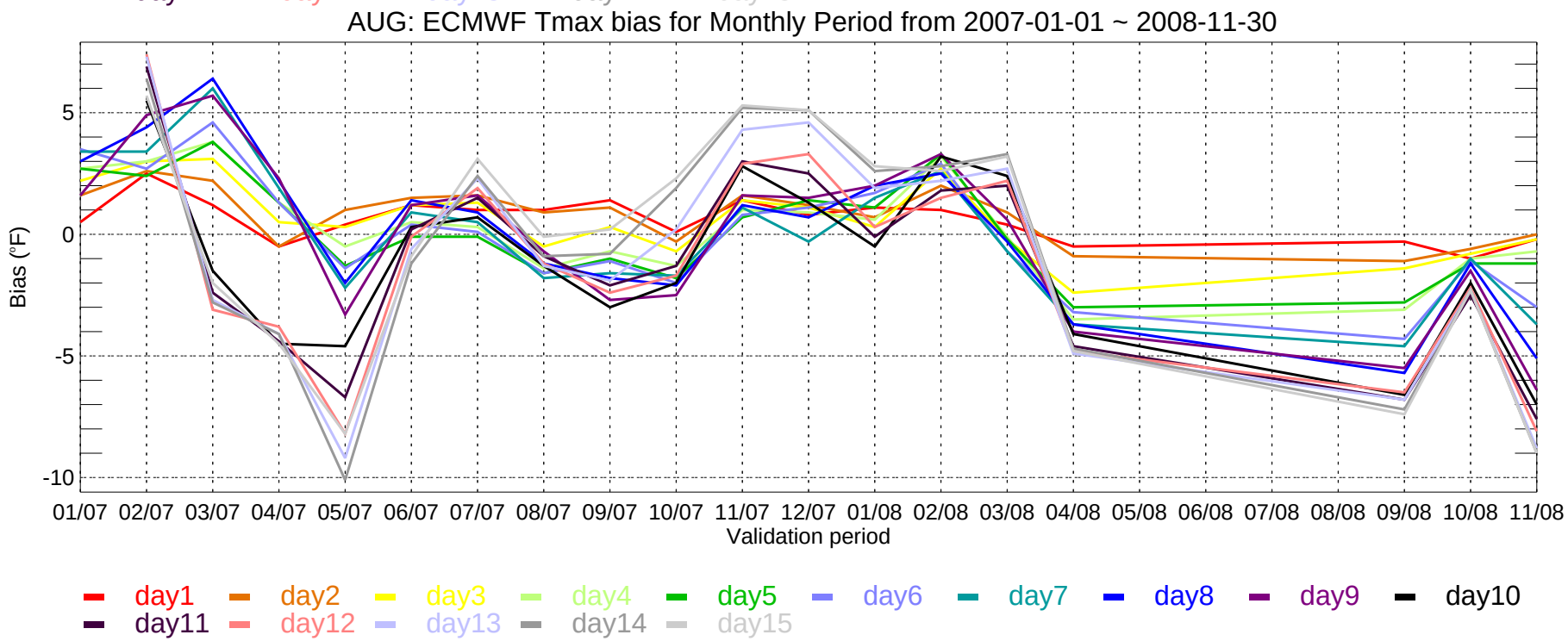
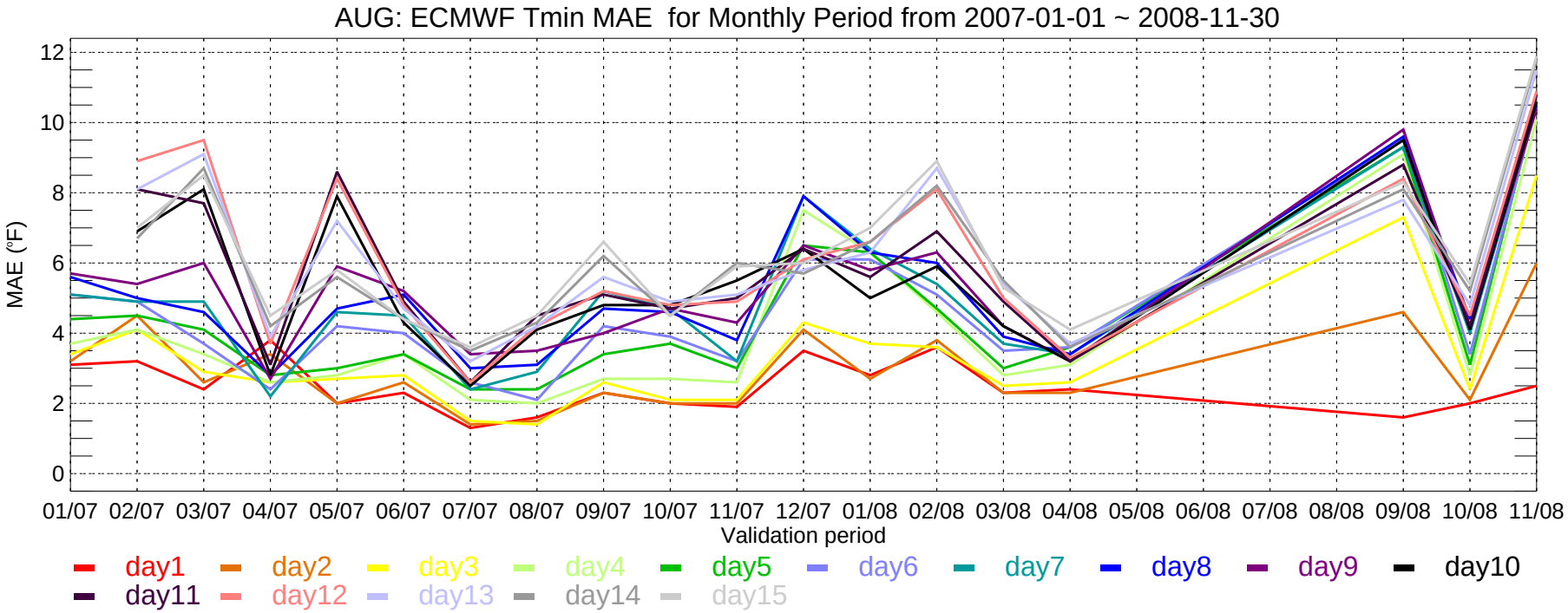

ATL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

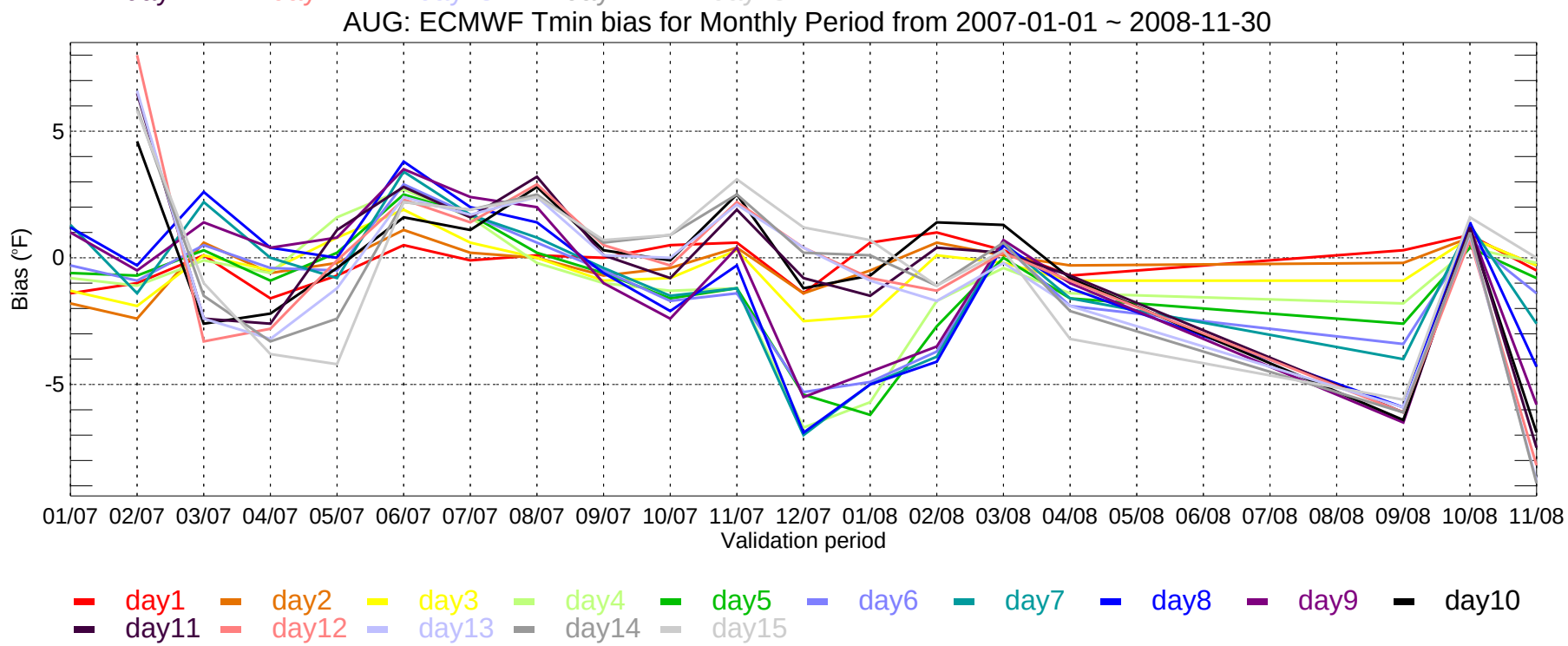

ATL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

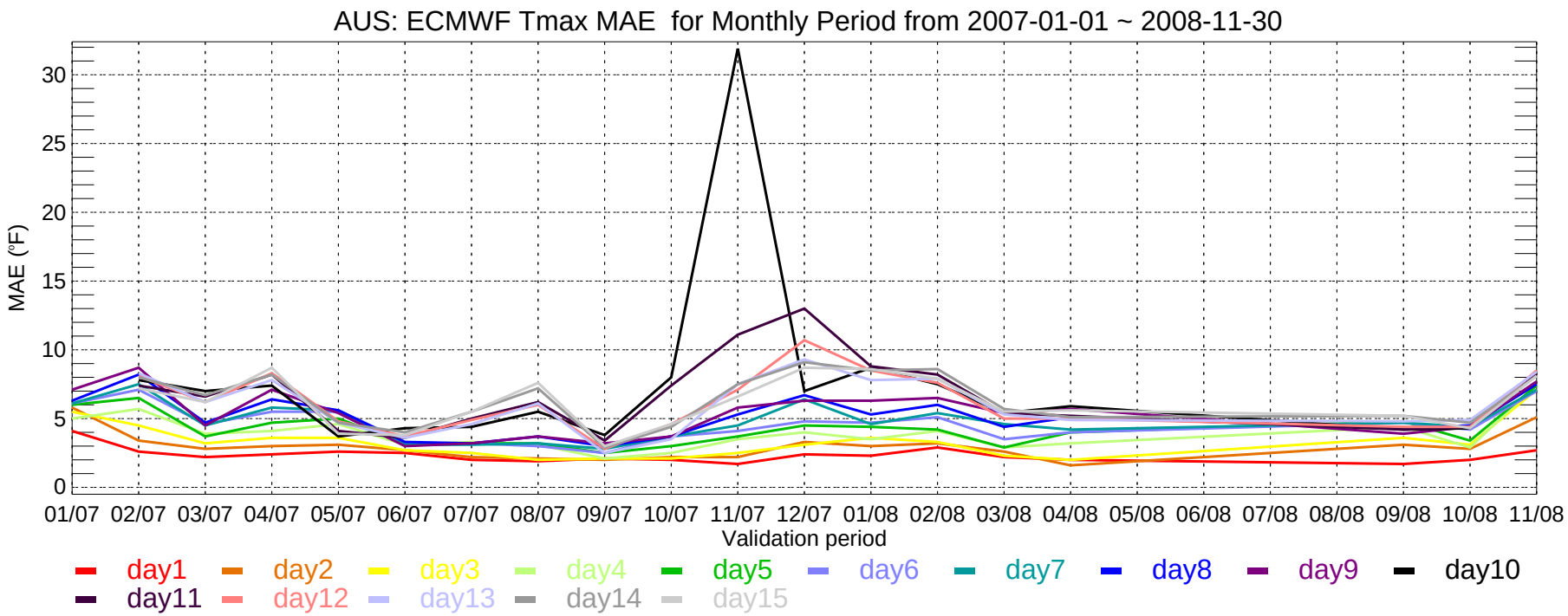

ATL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

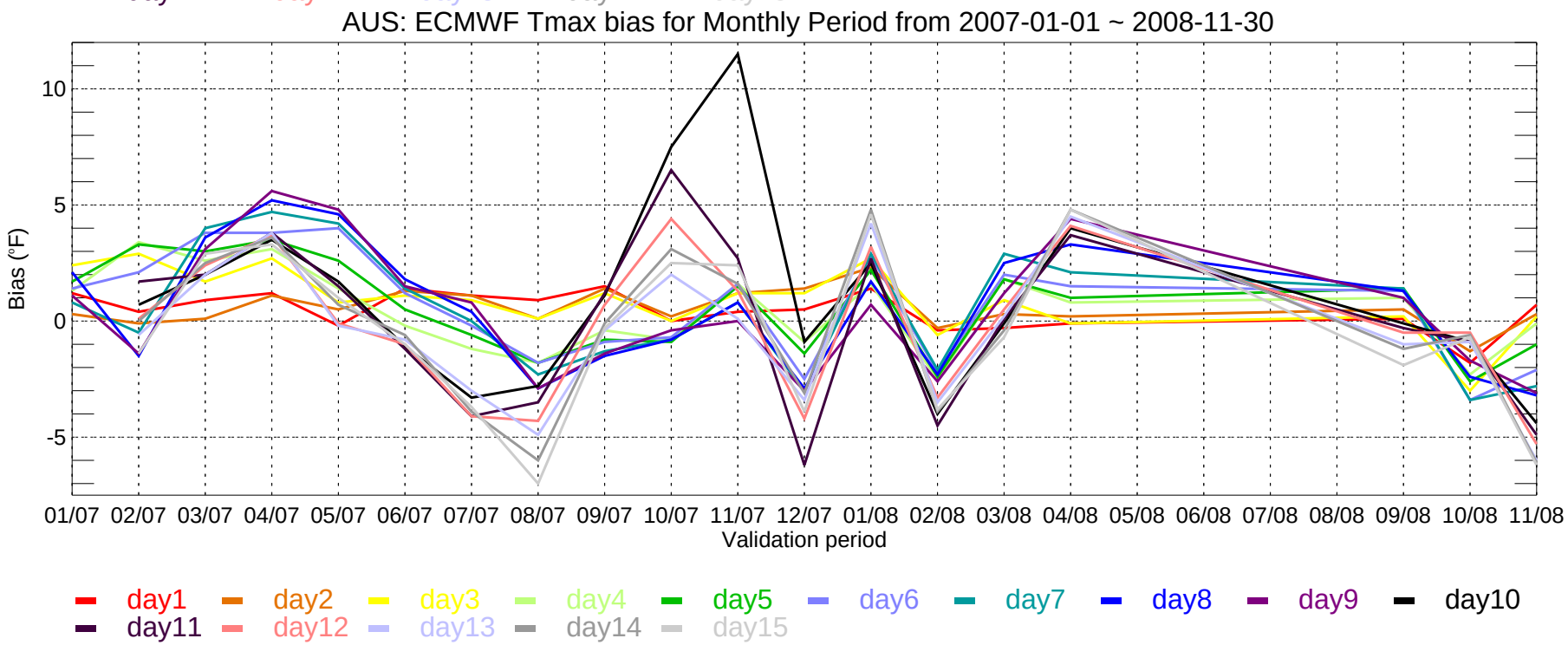

AUG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

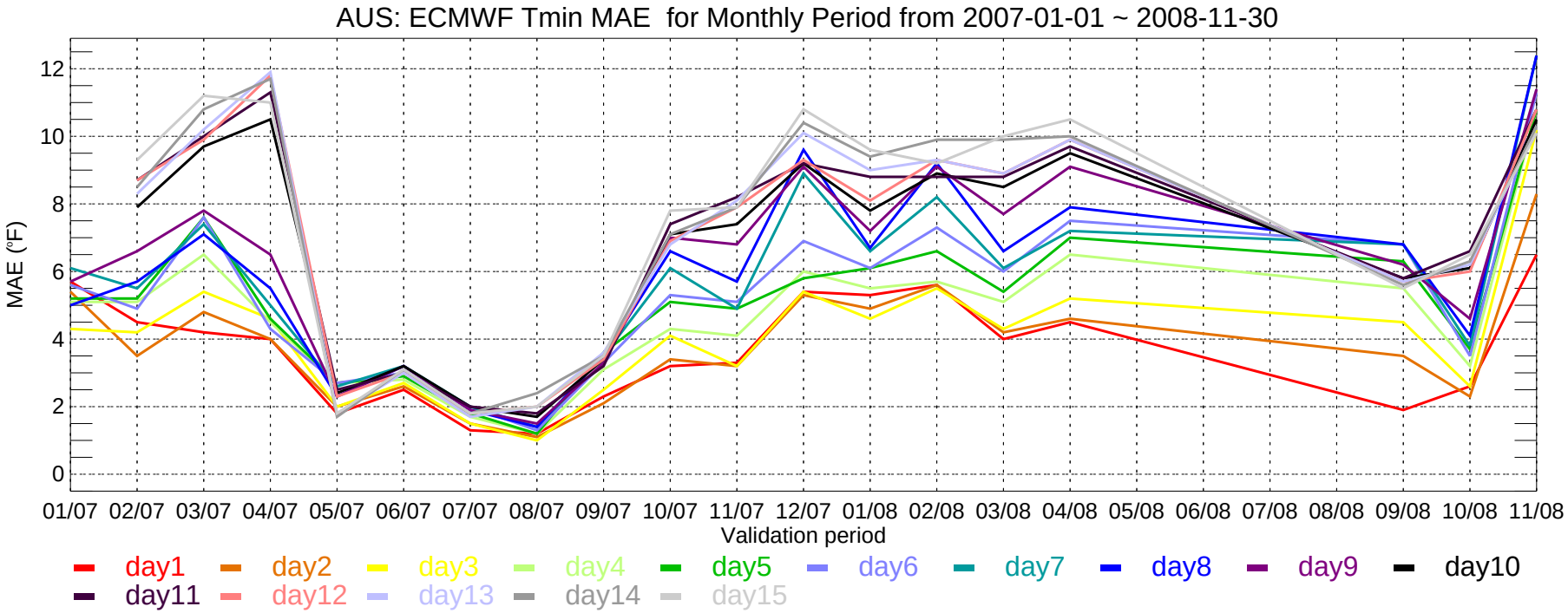

AUG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

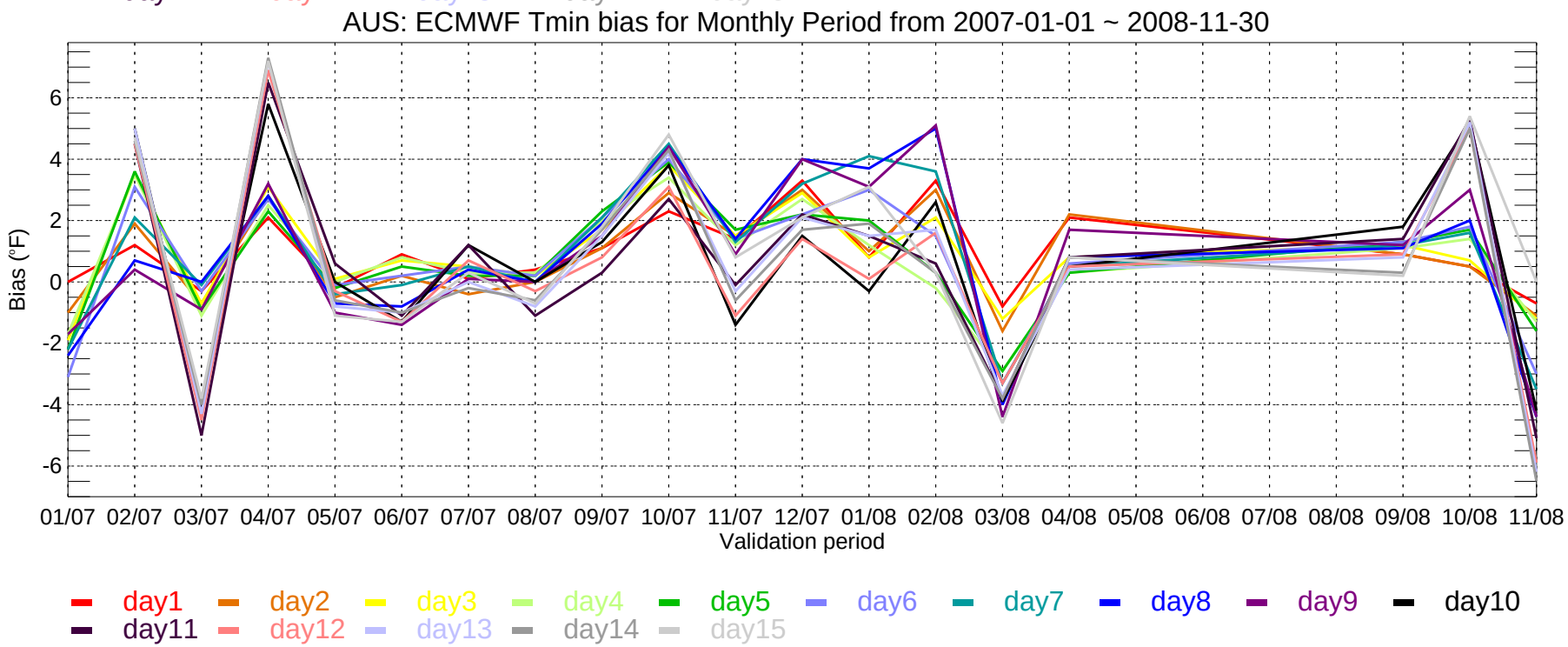

AUG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

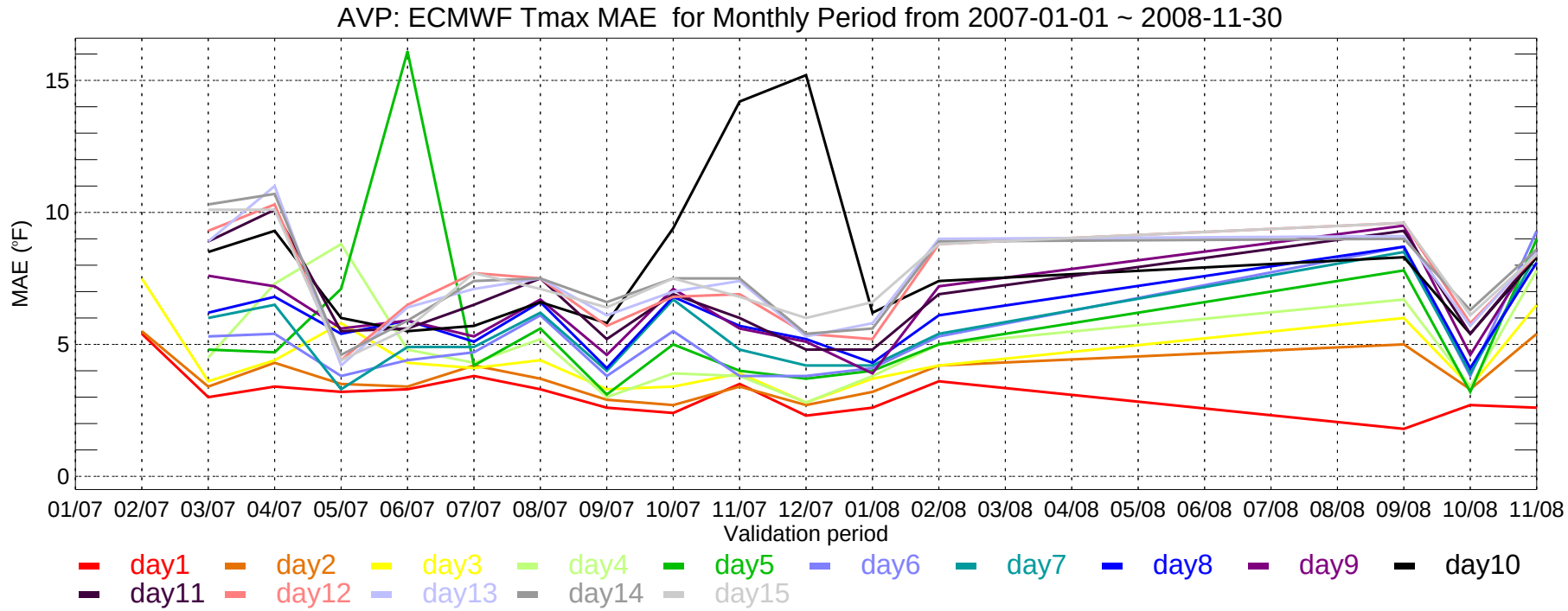

AUG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

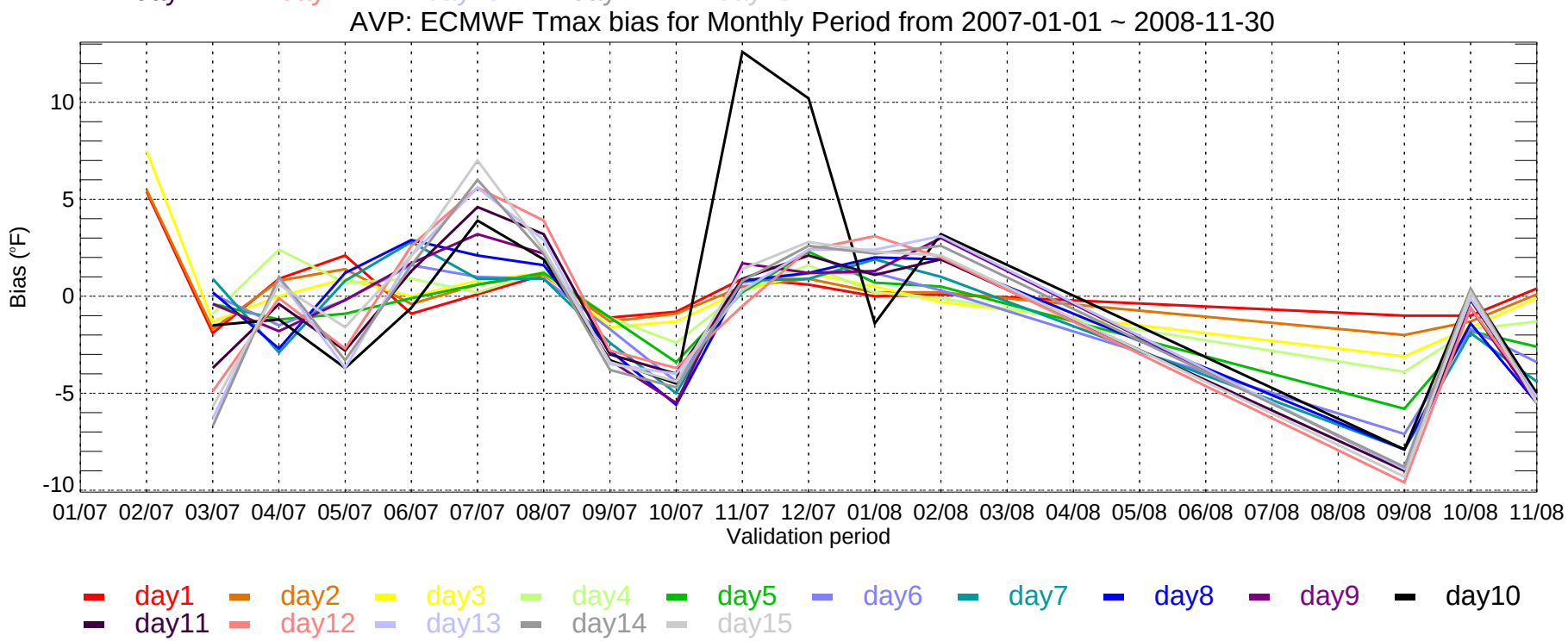

AUS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
20
25
30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

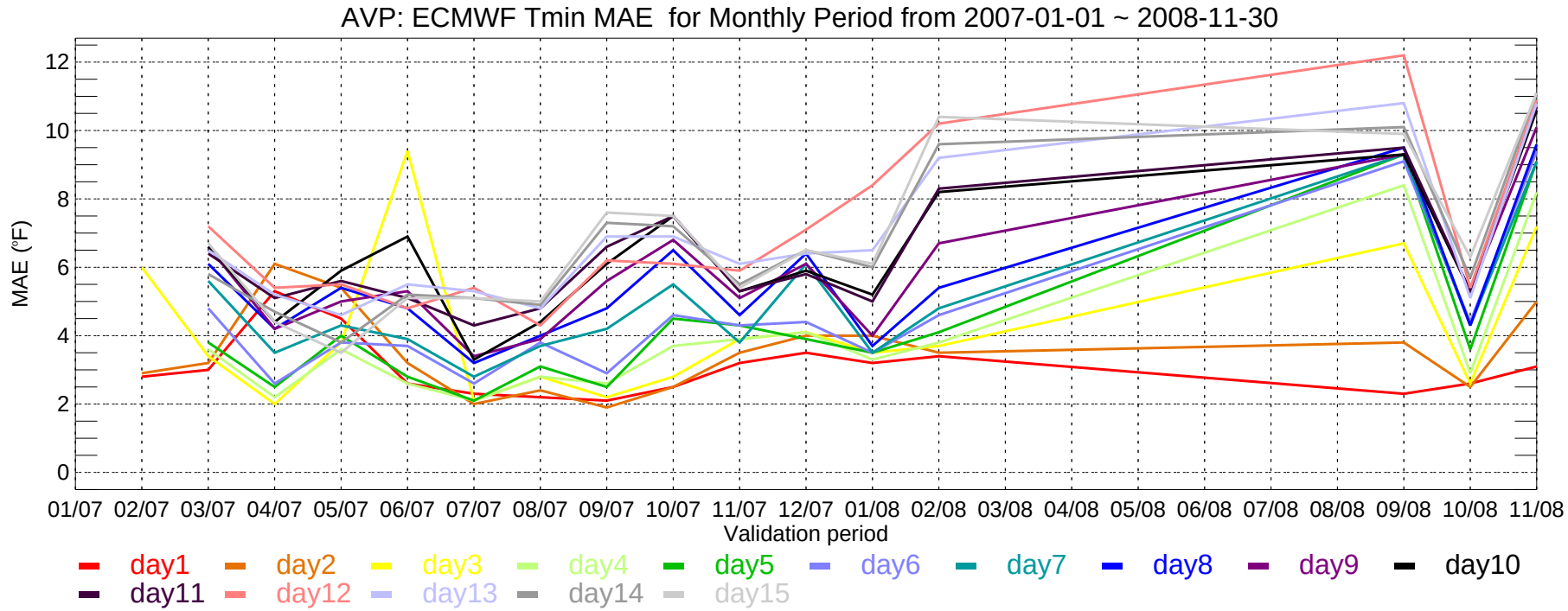

AUS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

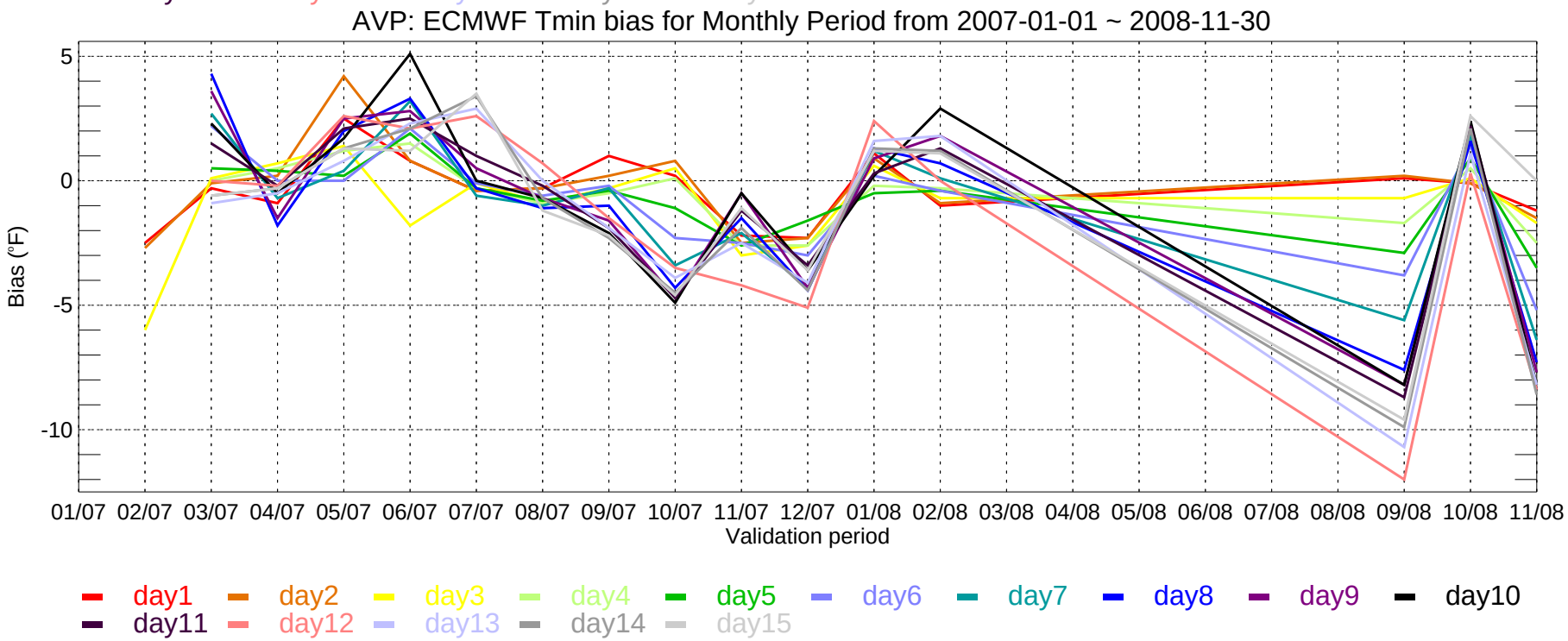

AUS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

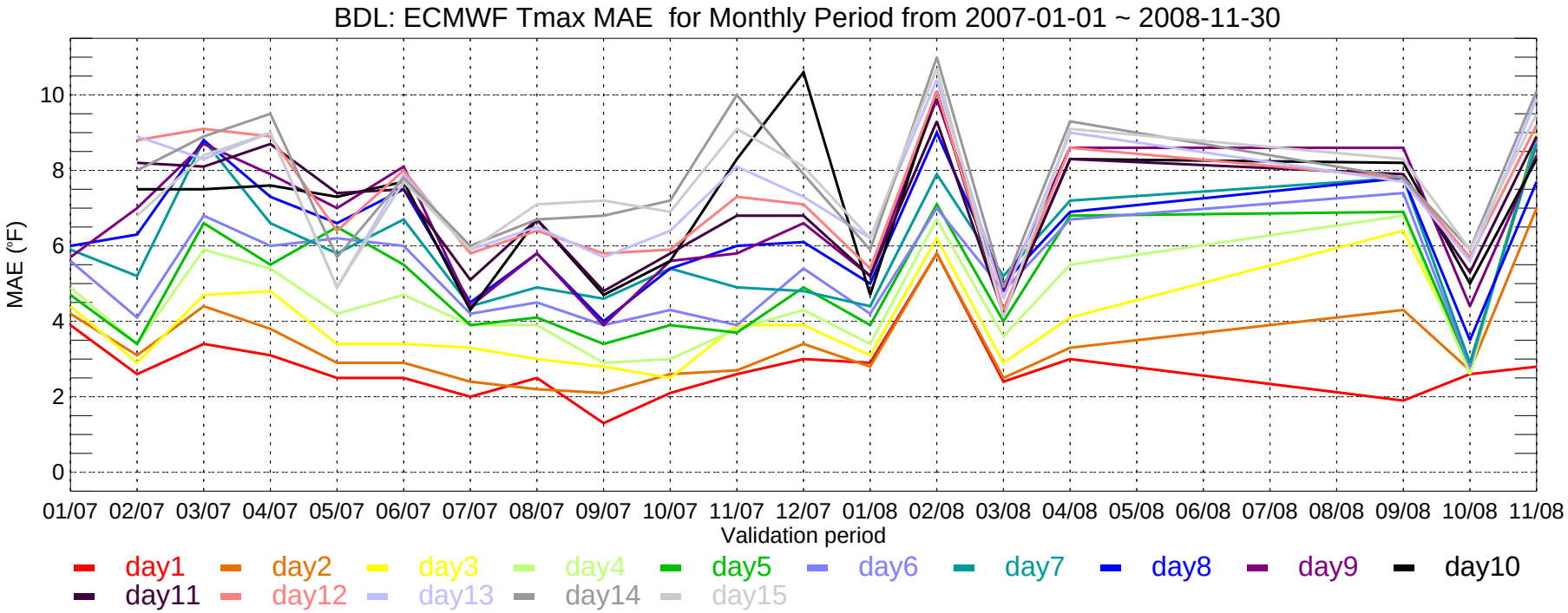

AUS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AVP: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AVP: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AVP: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


AVP: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BDL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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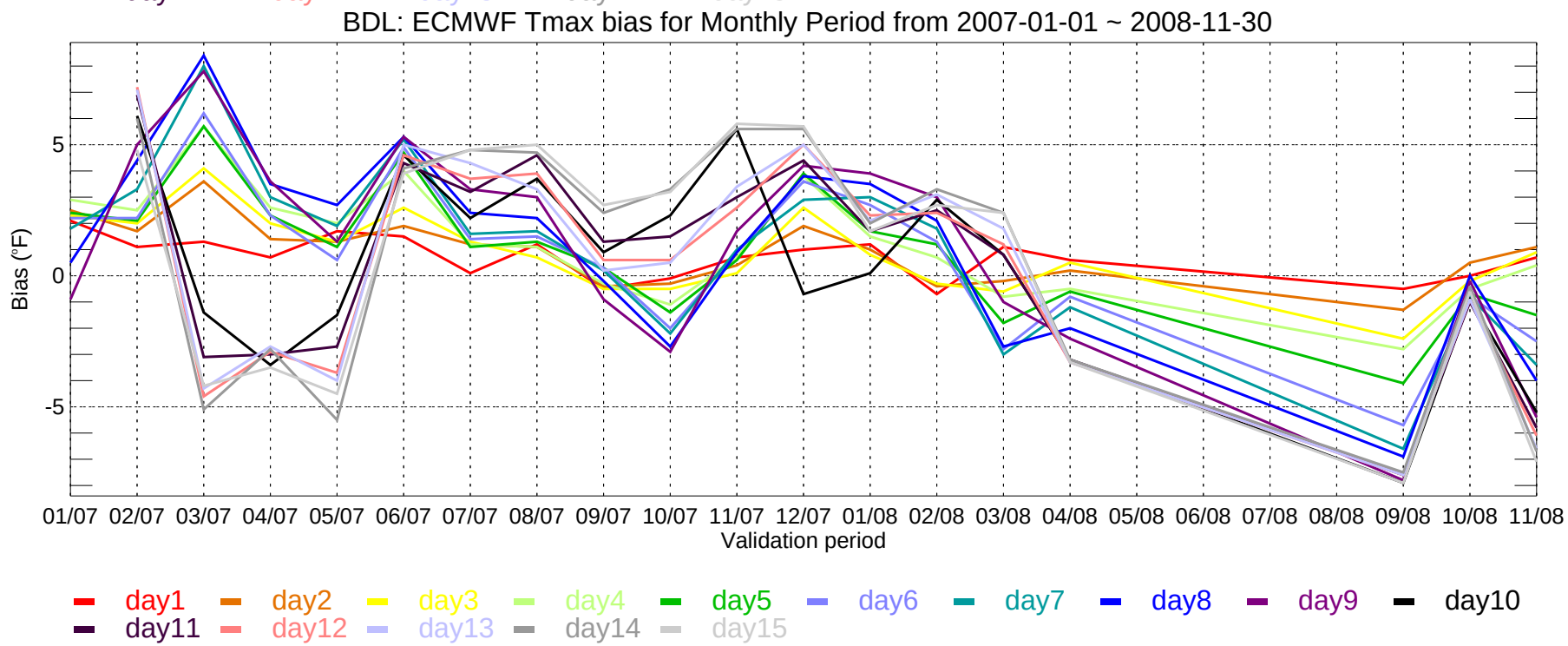
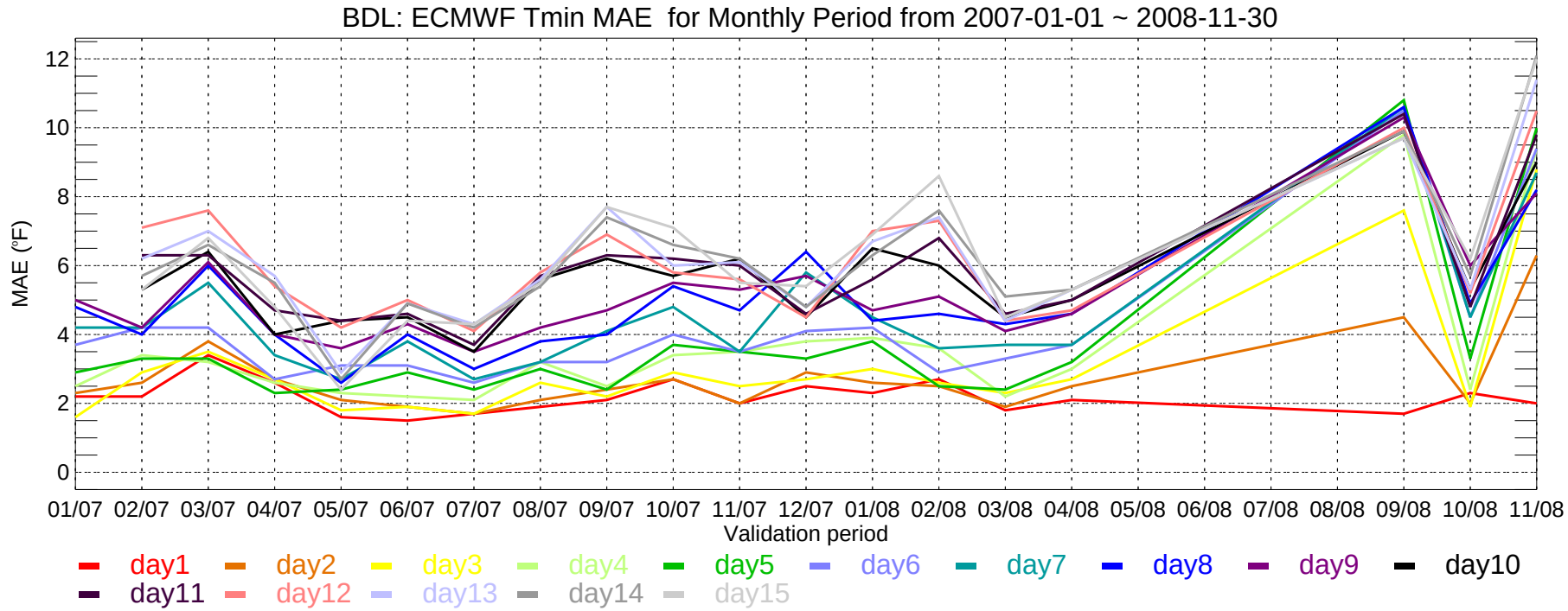
day11 day12 day13 day14 day15


BDL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BDL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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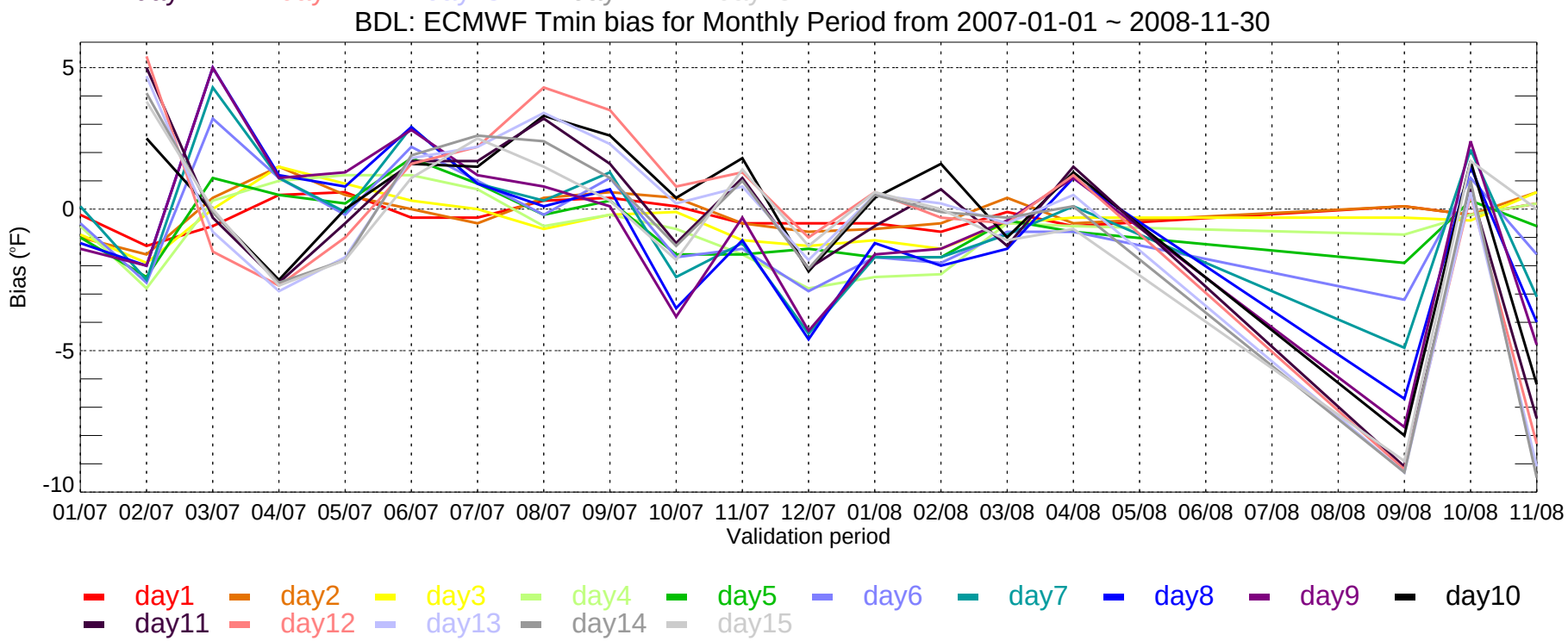
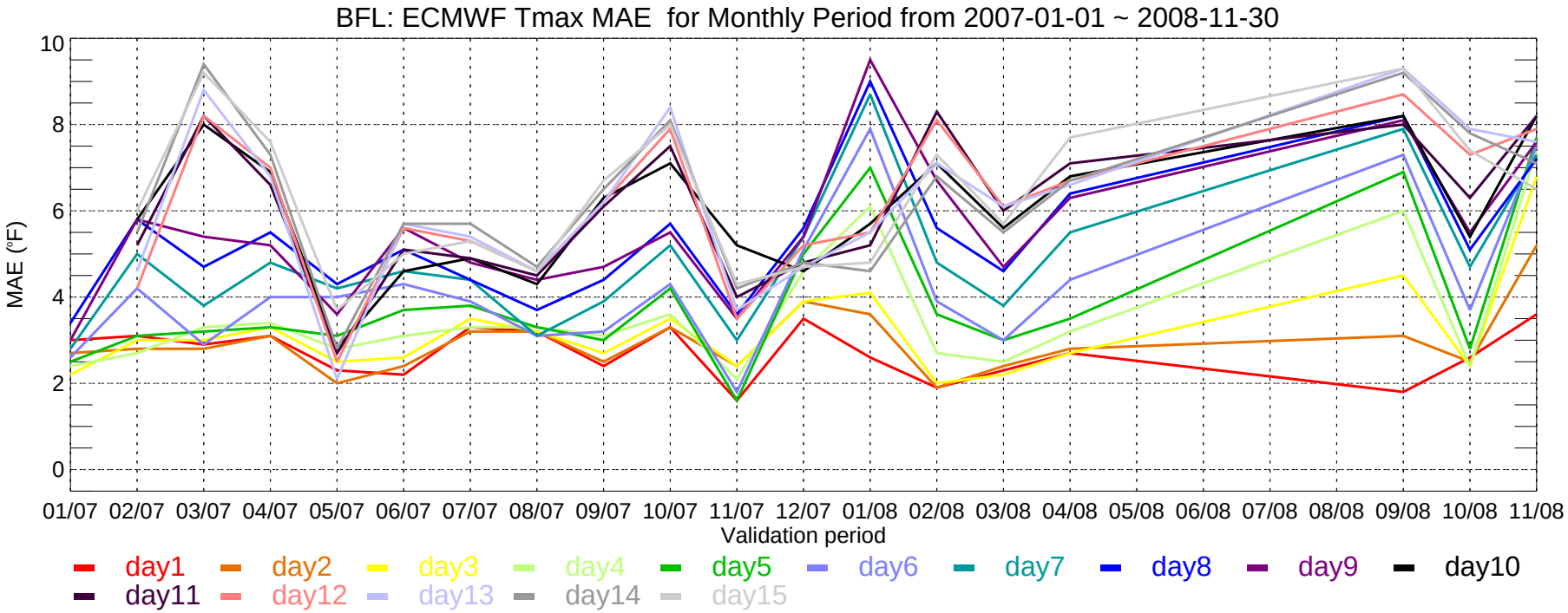
day11 day12 day13 day14 day15


BDL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BFL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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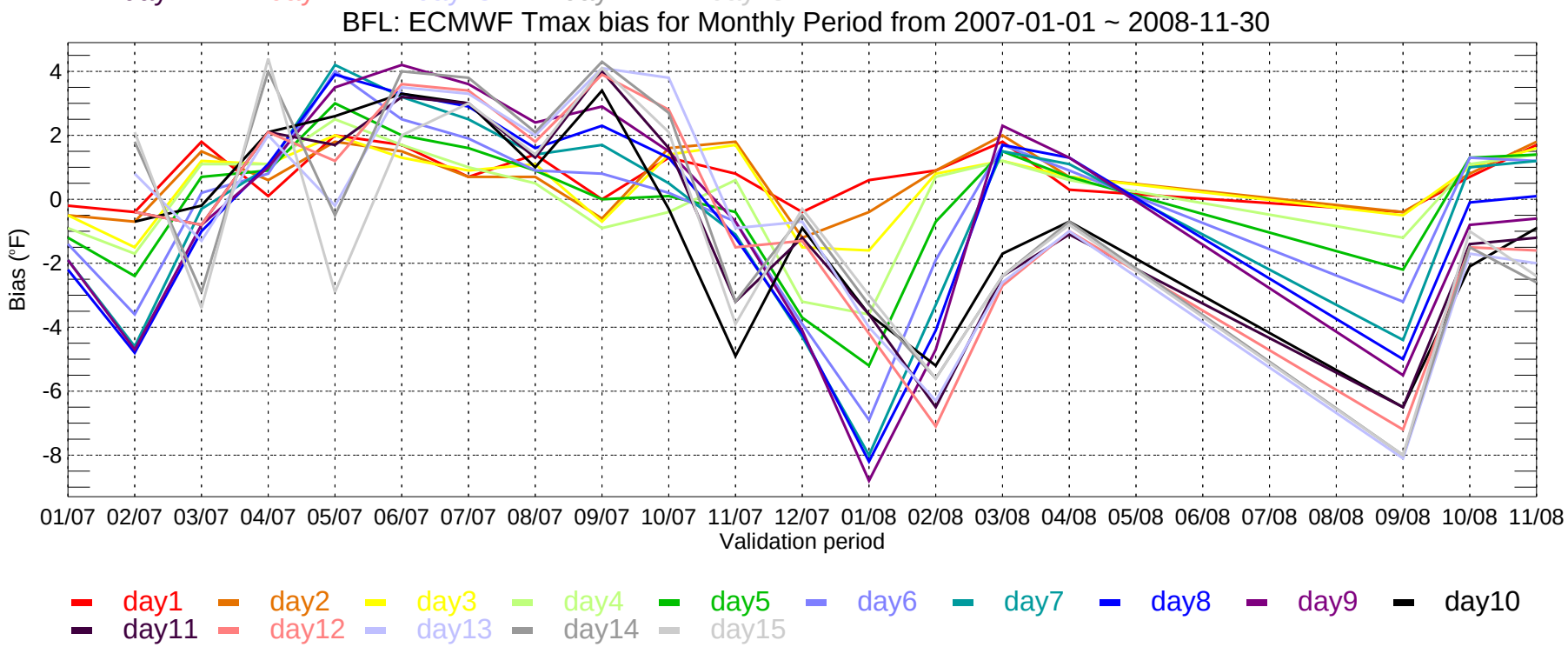
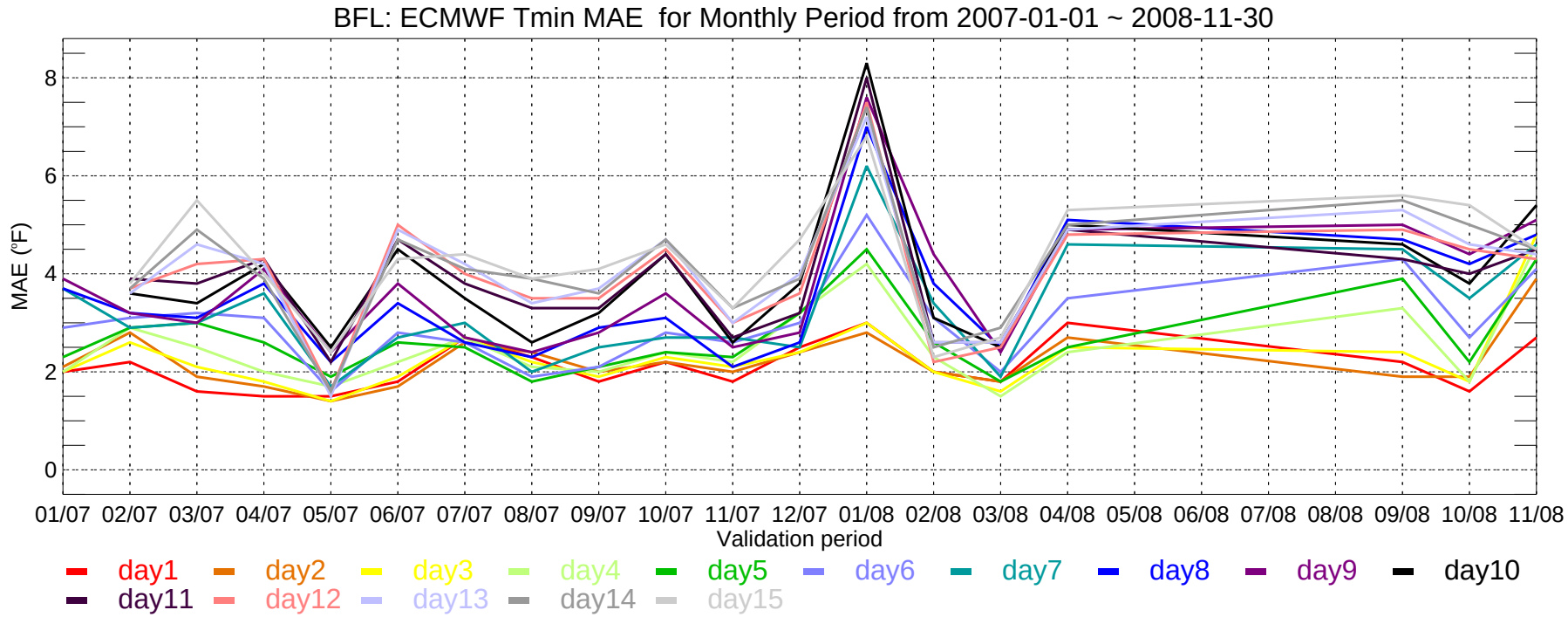
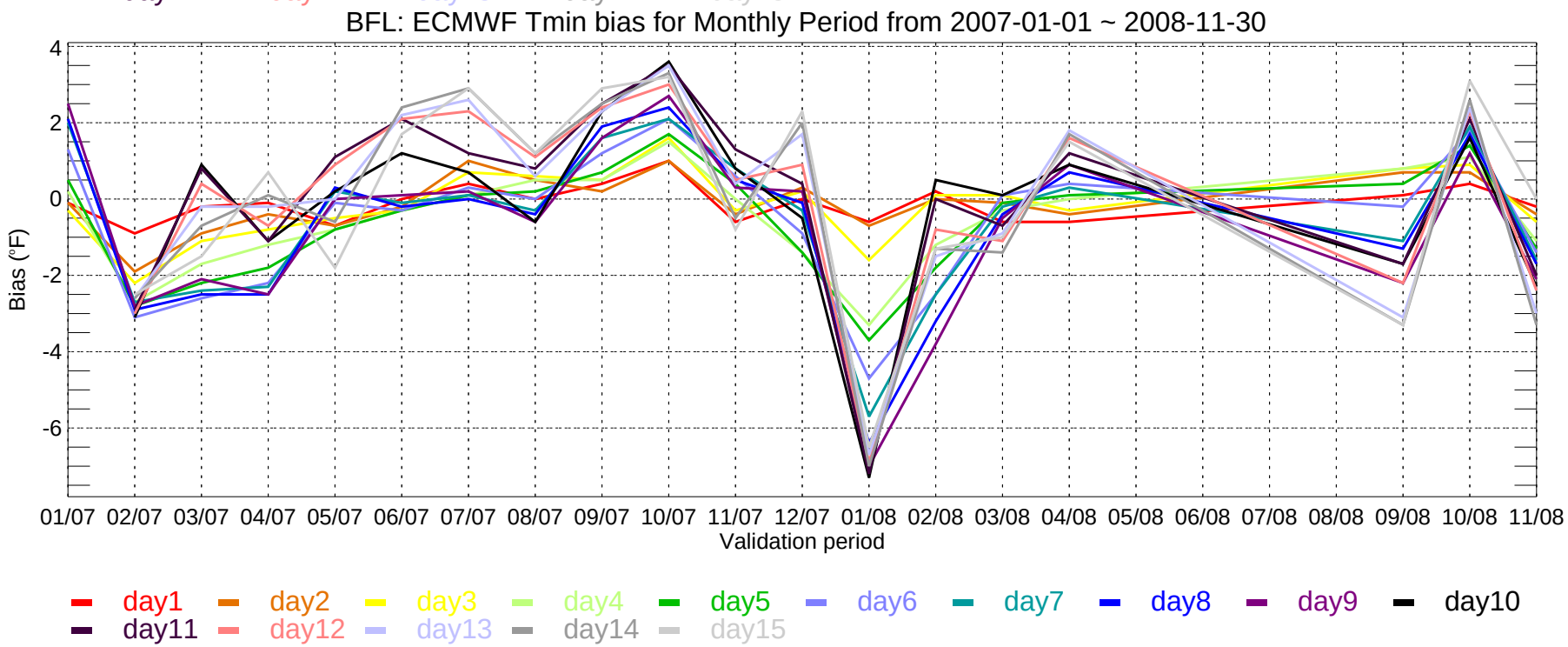
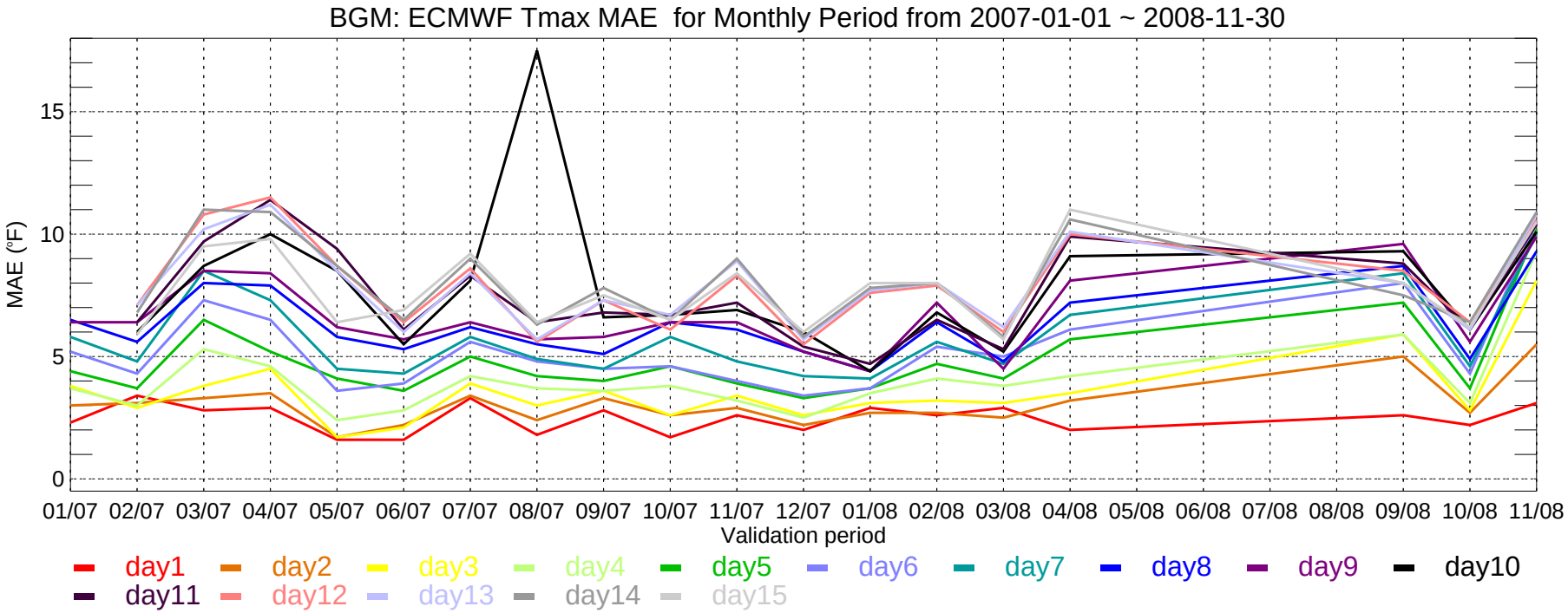
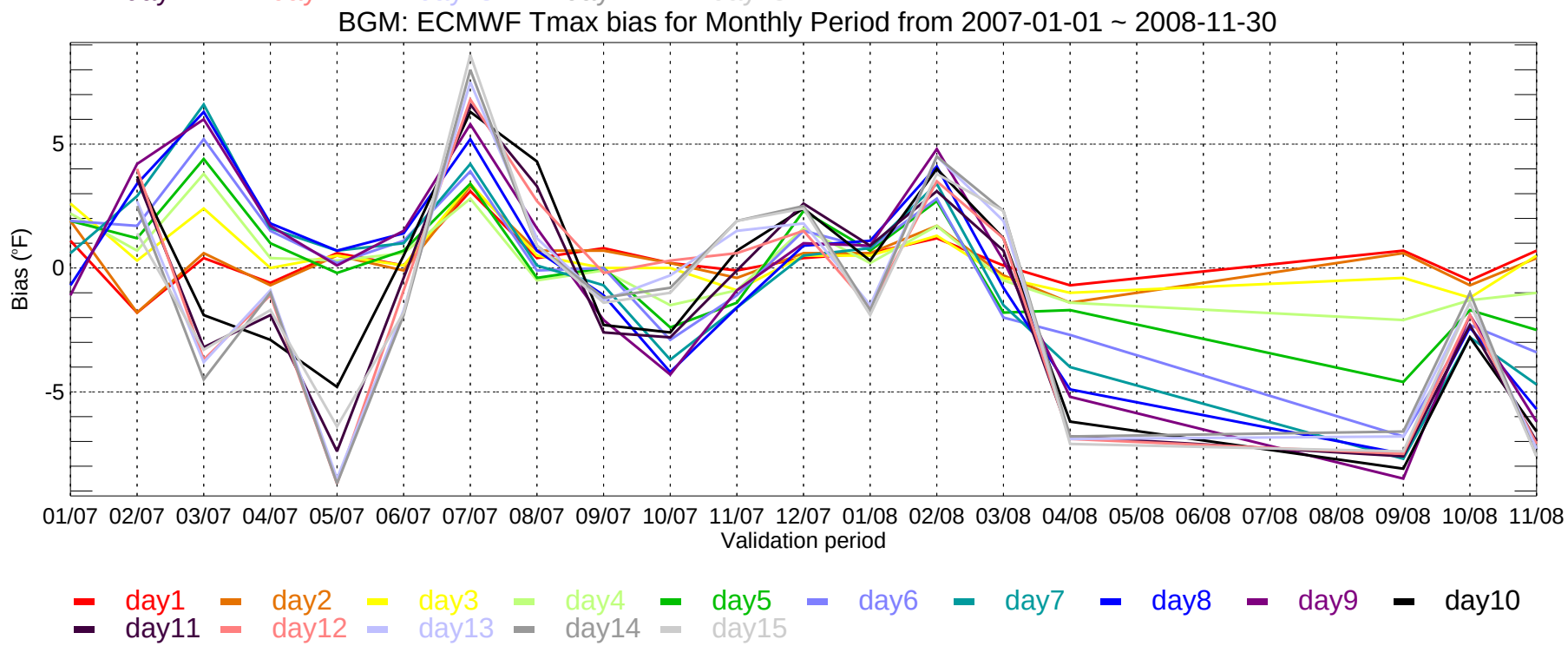
day11 day12 day13 day14 day15

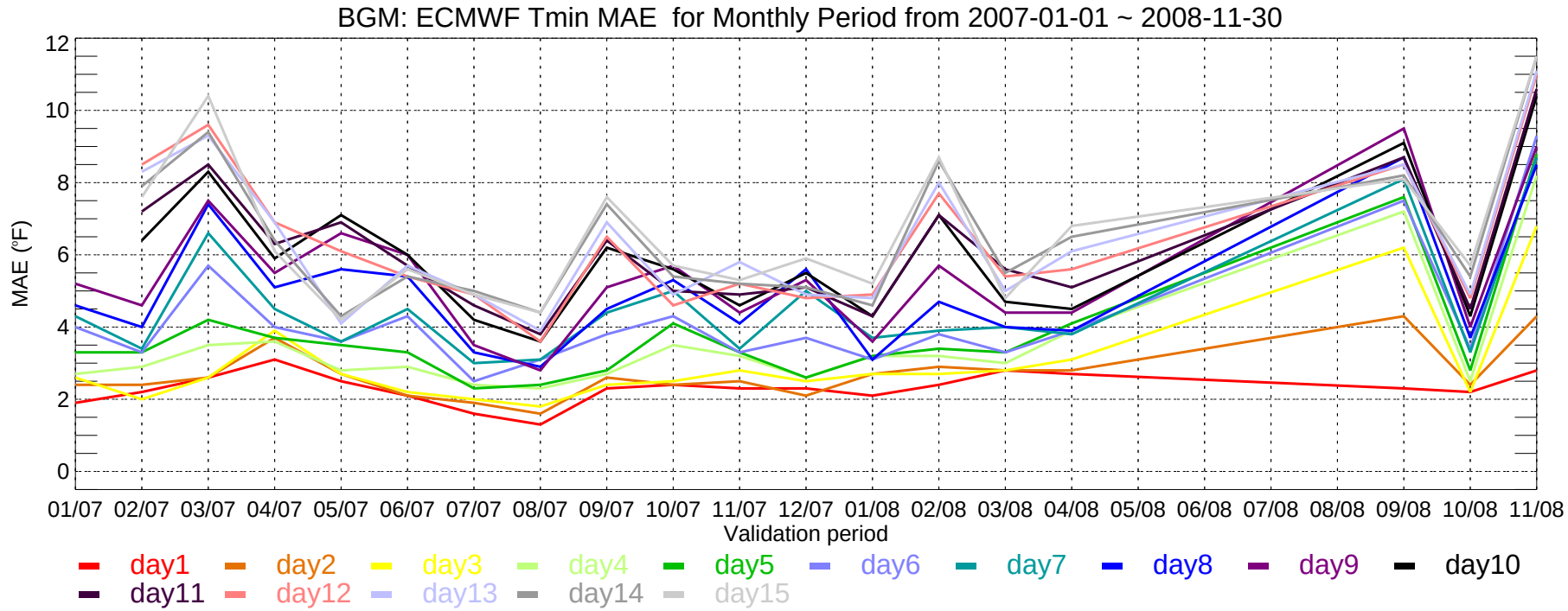

BFL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

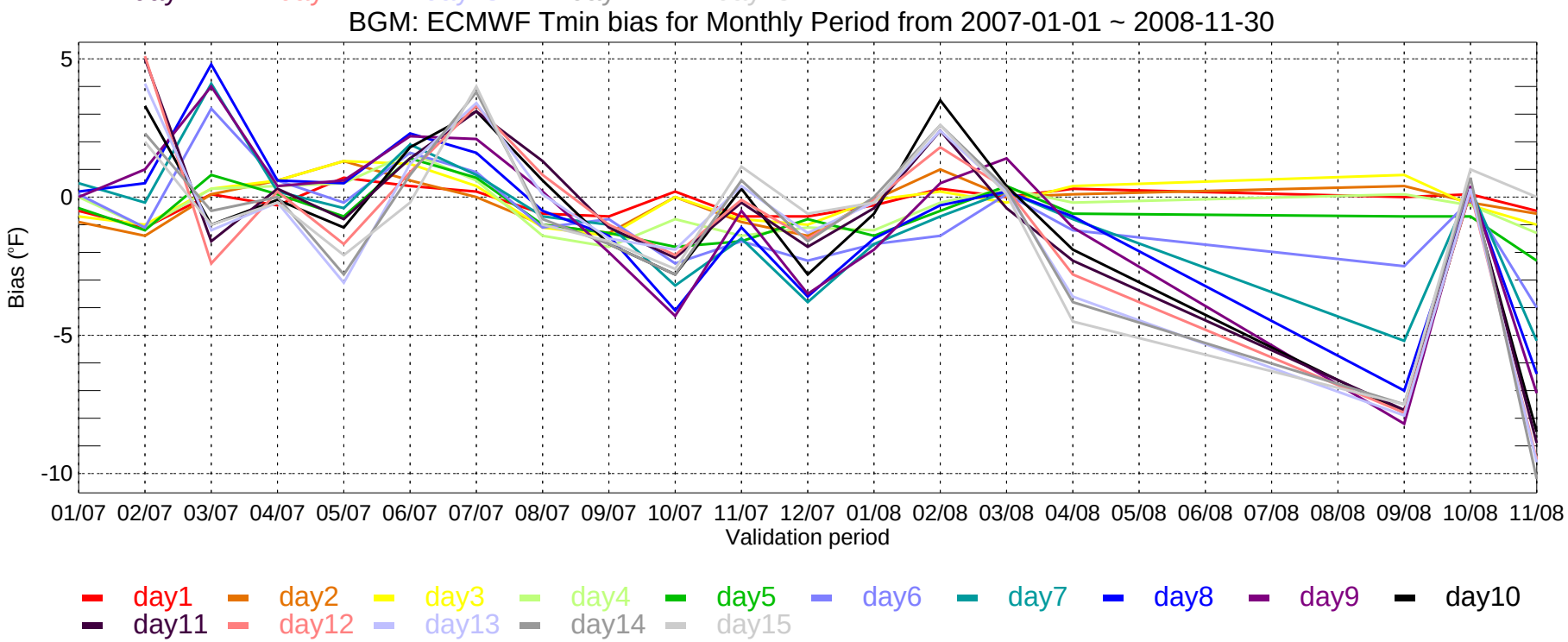

BFL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BFL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BGM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BGM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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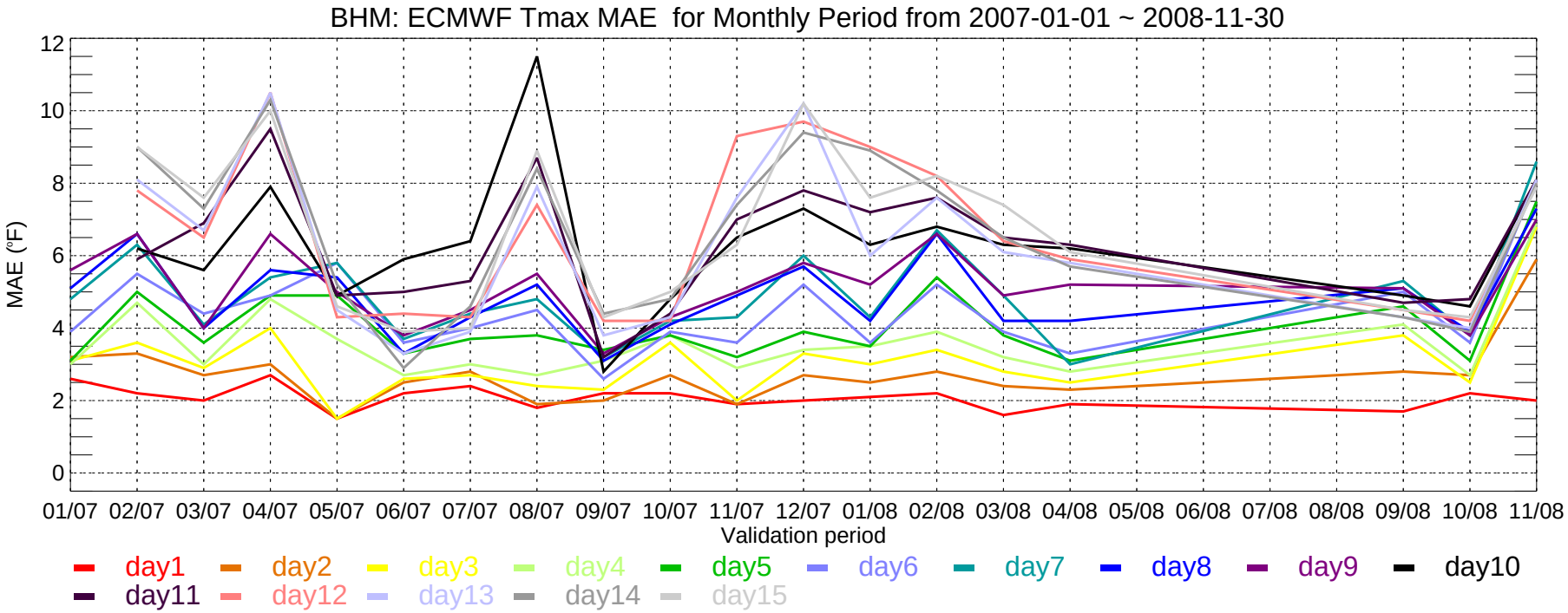
BHM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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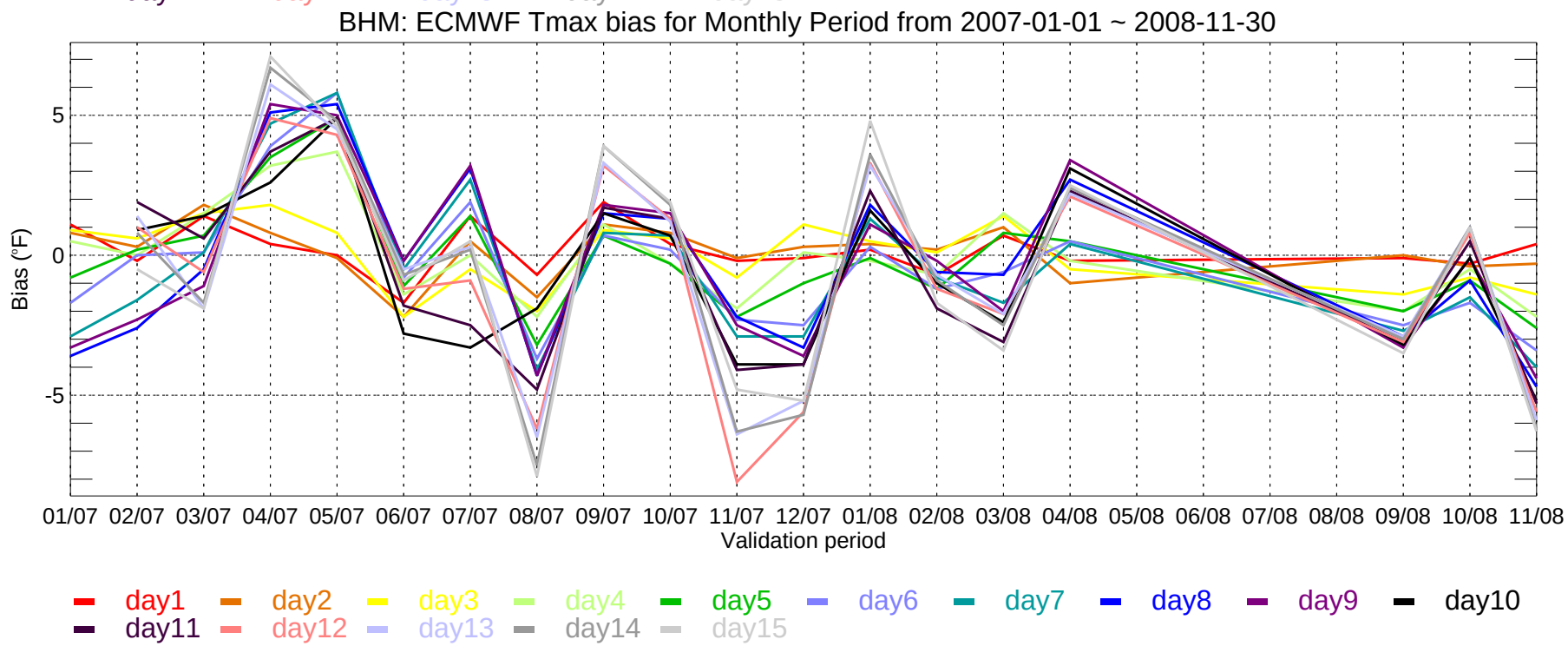
BHM: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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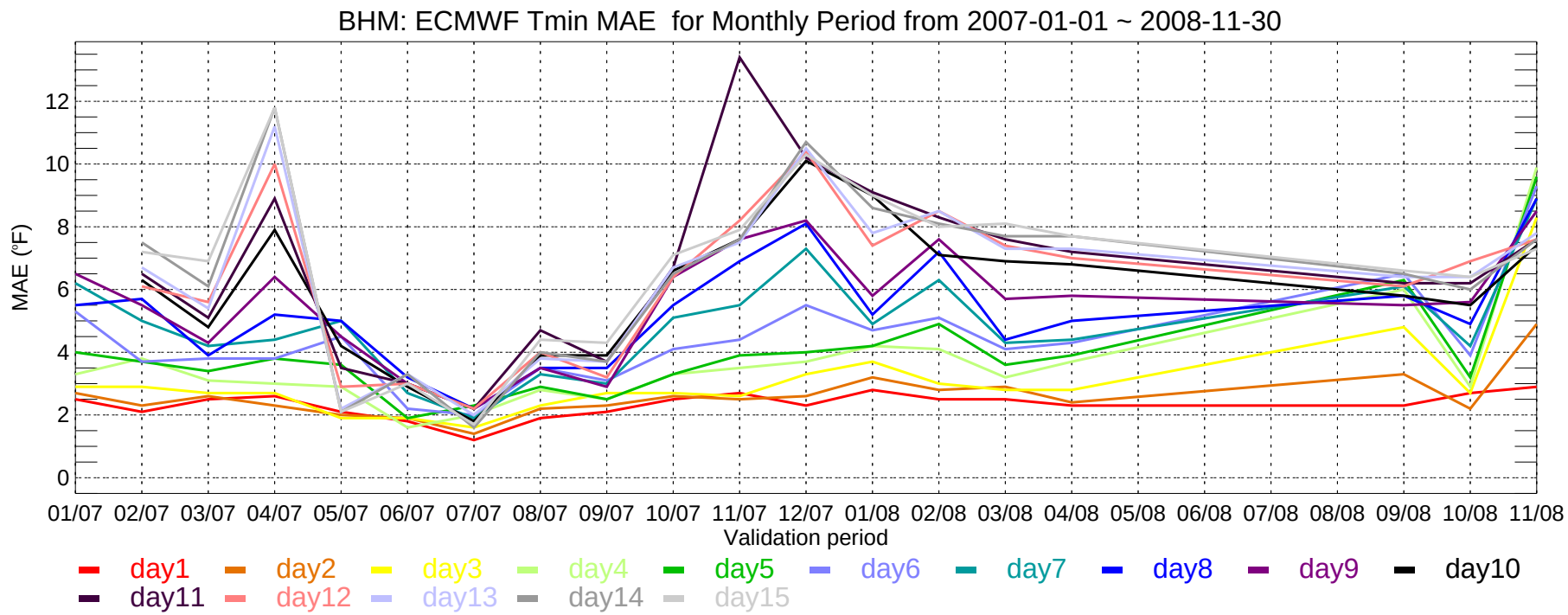
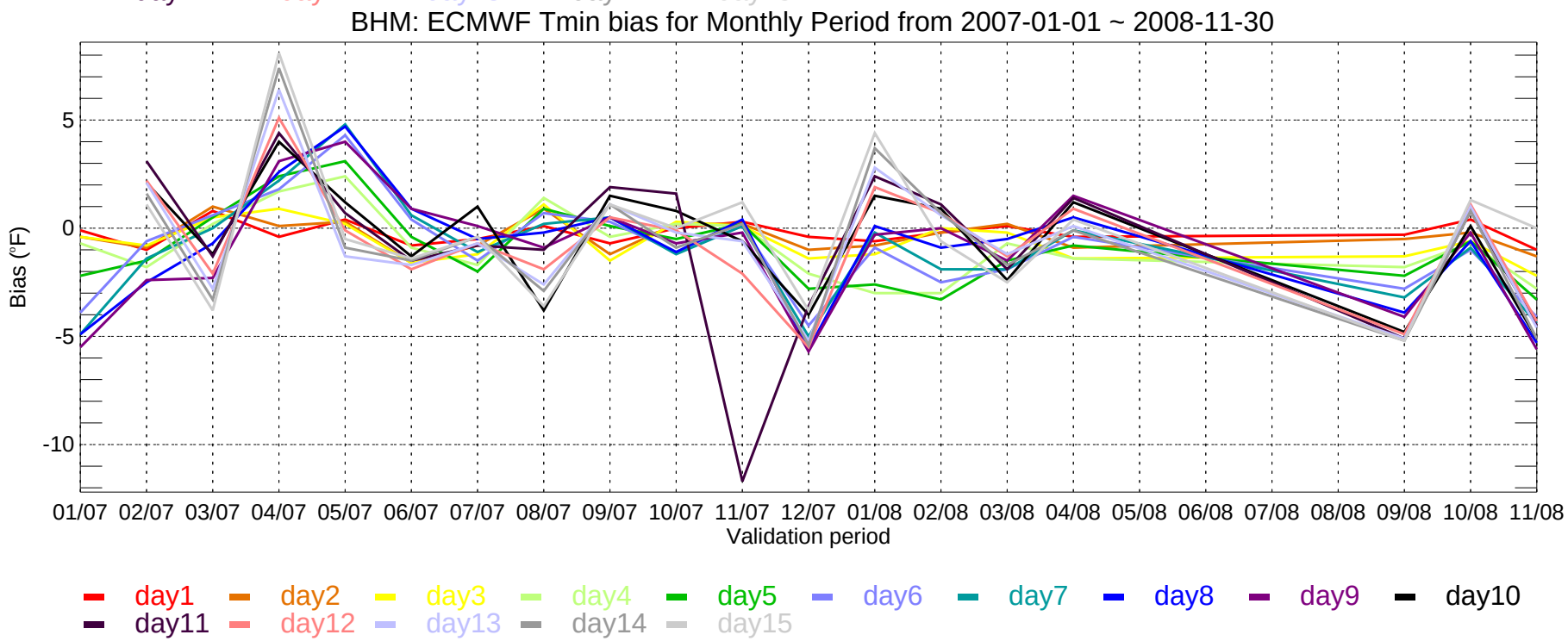
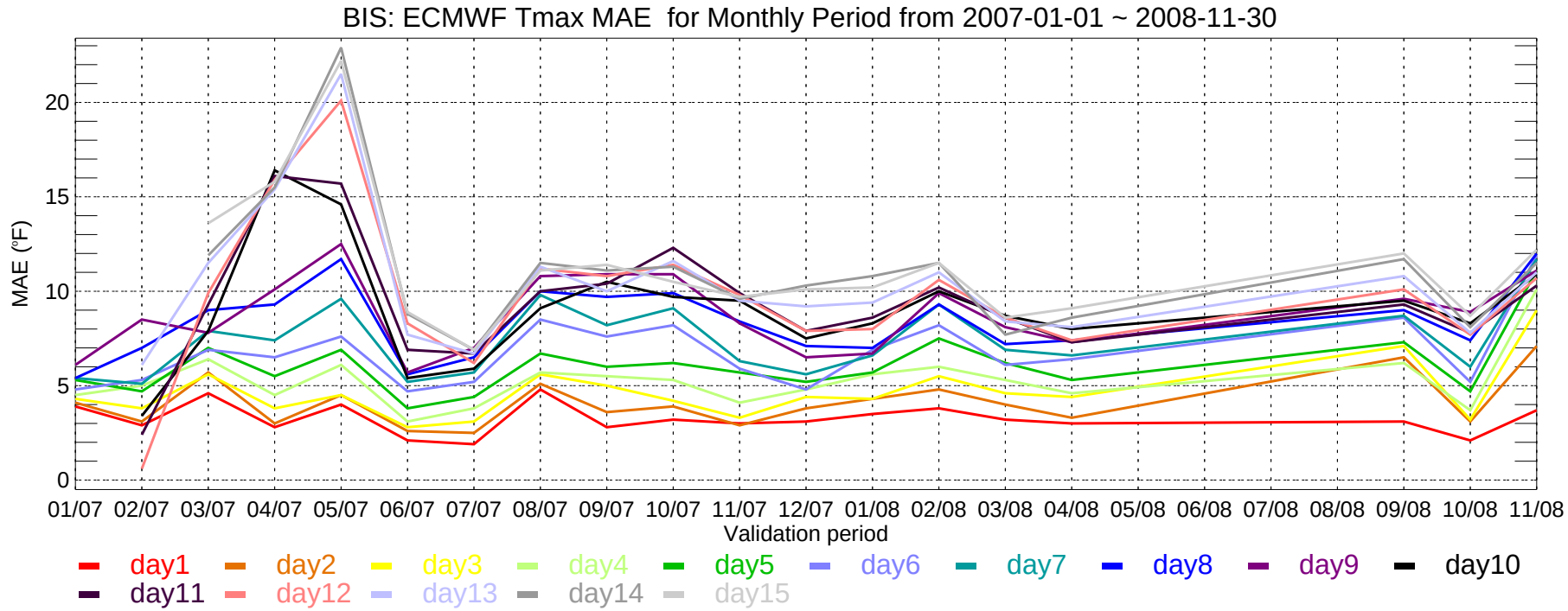
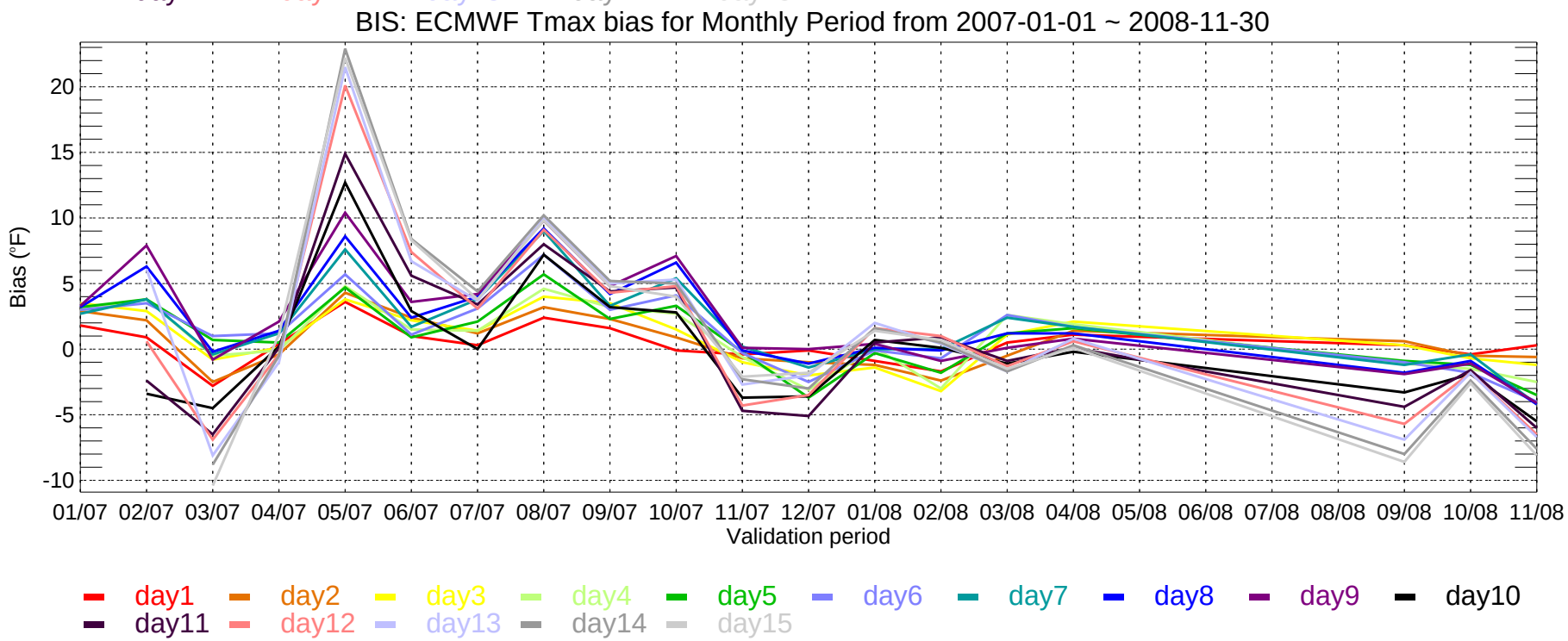

BHM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BHM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BIS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BIS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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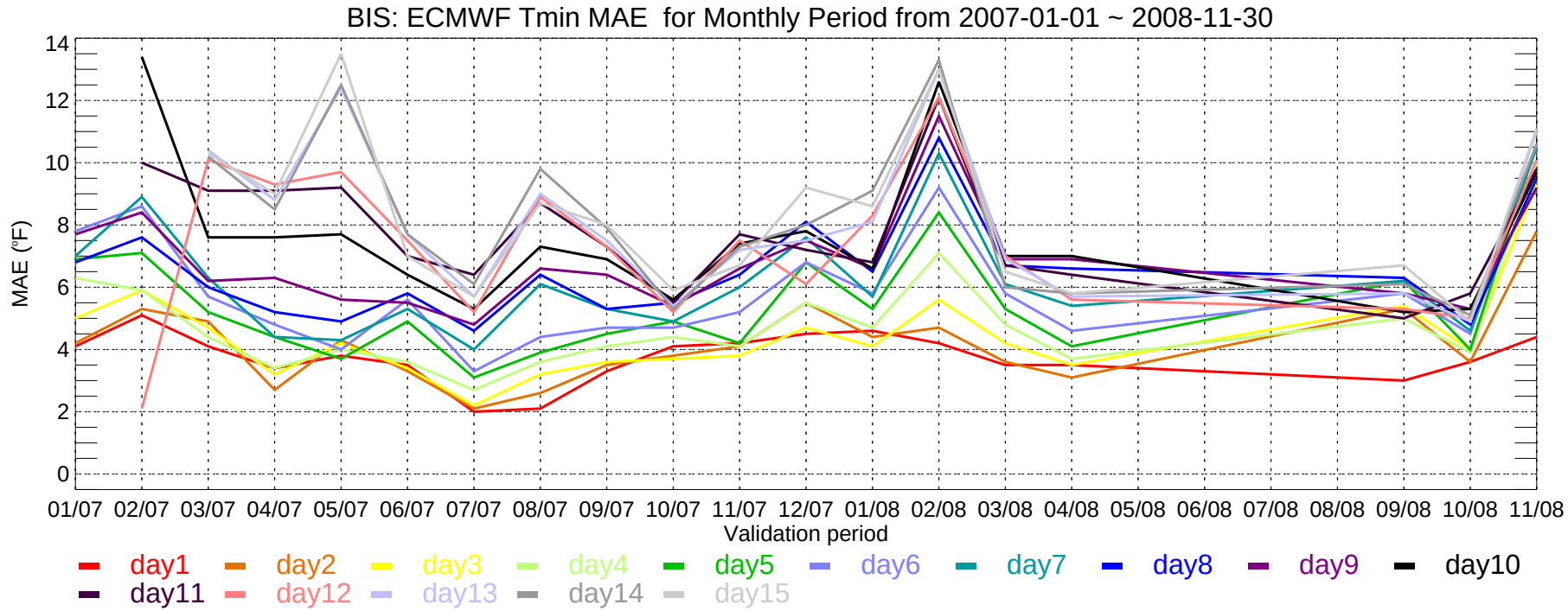
day11 day12 day13 day14 day15


BIS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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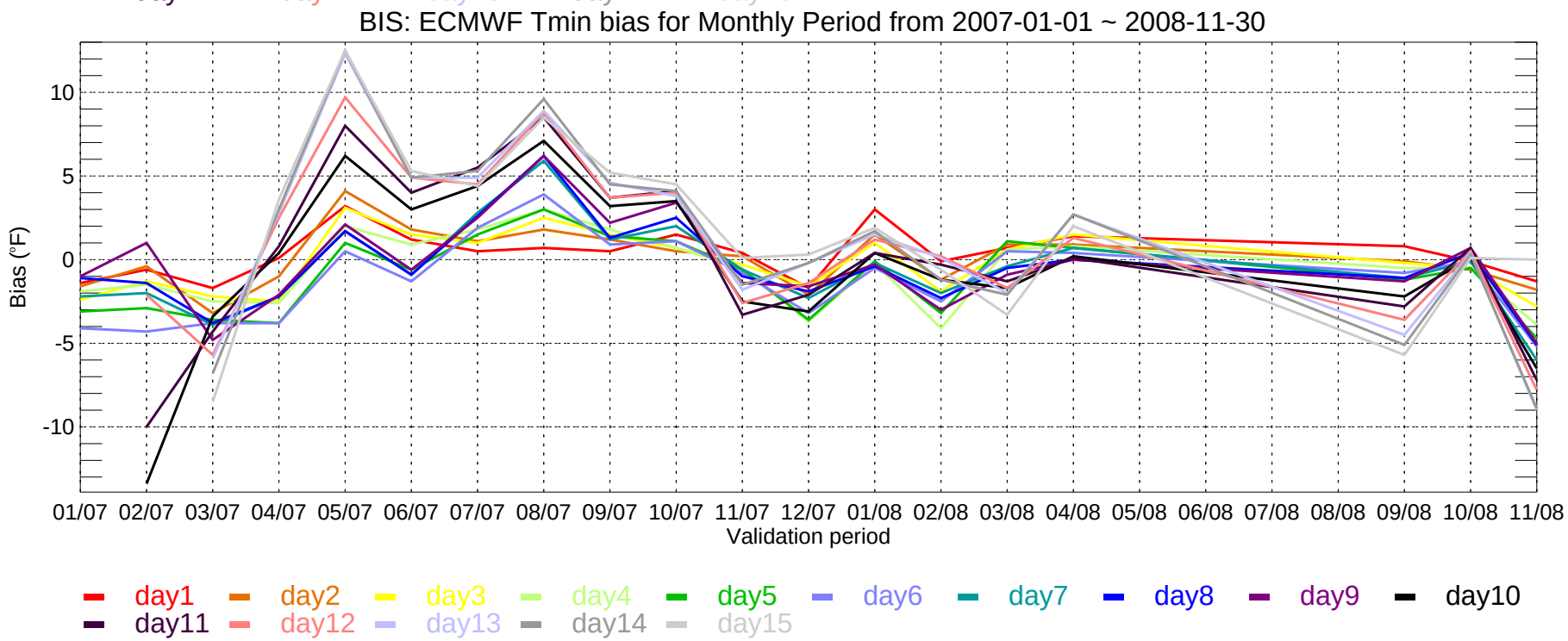
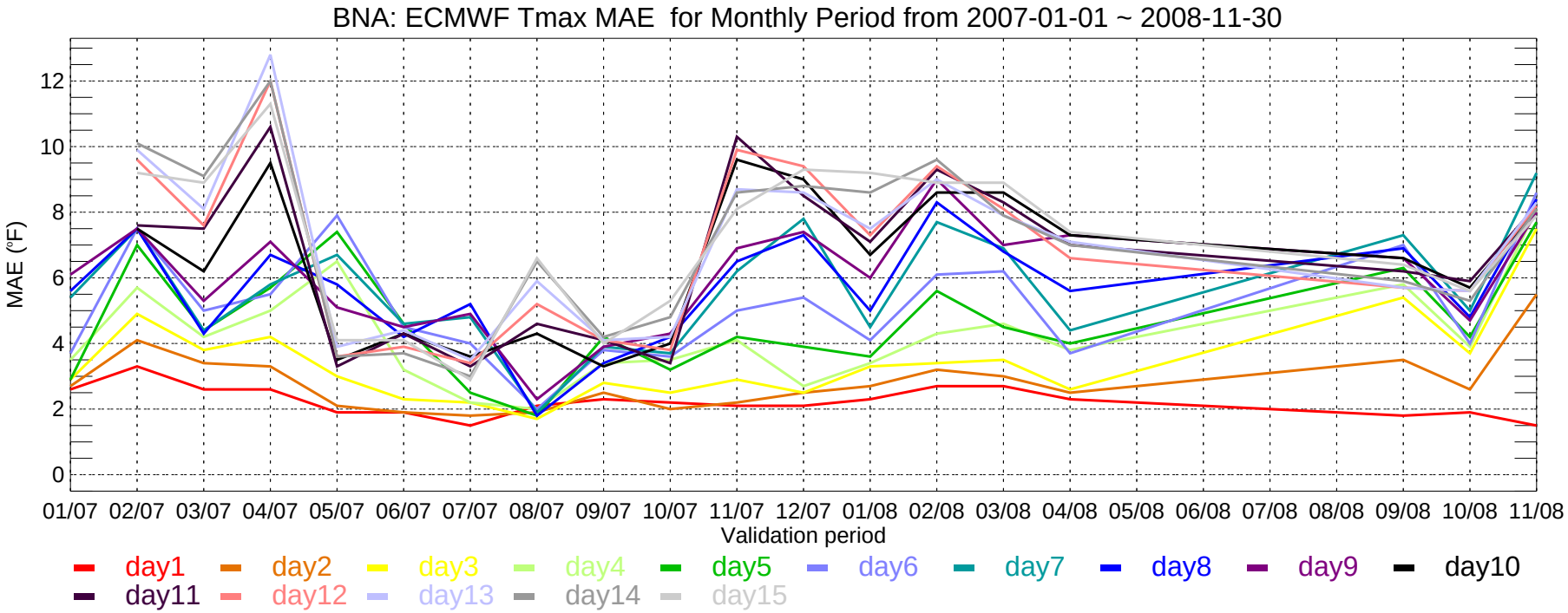
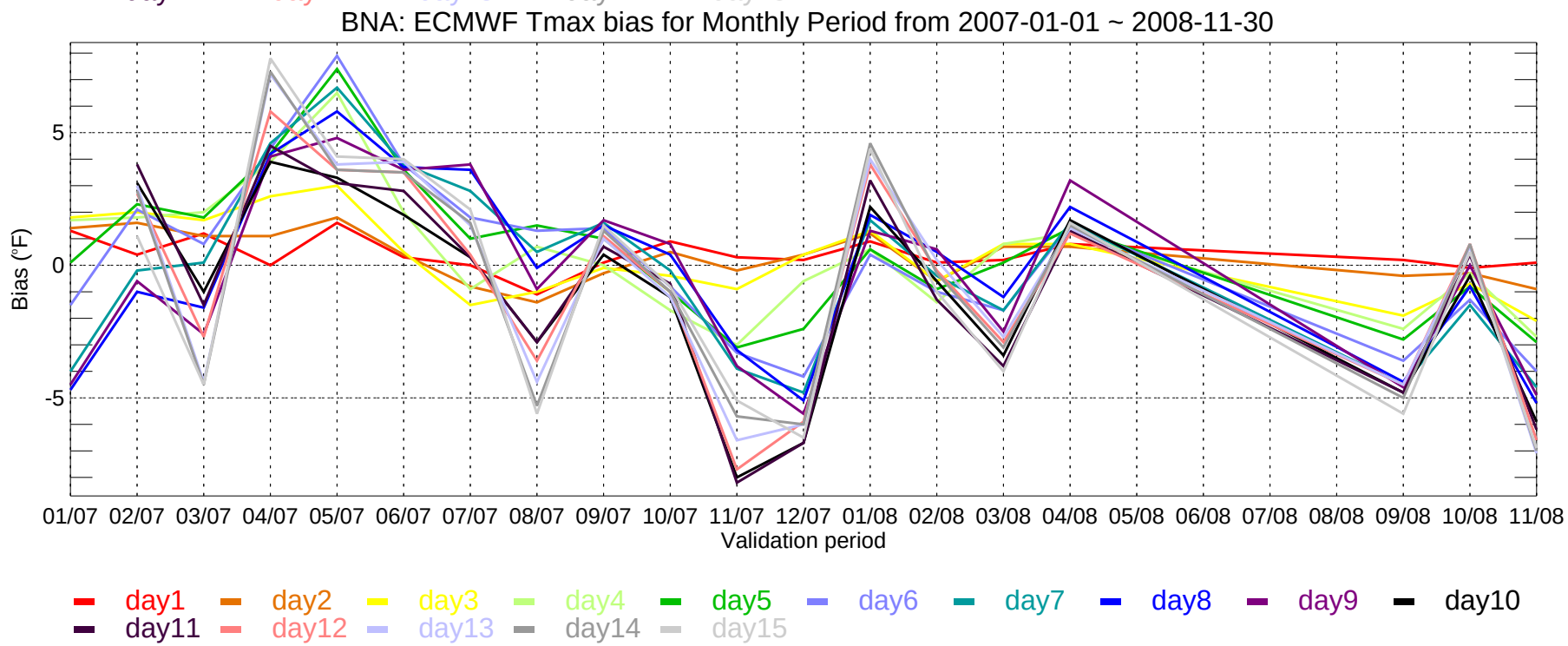
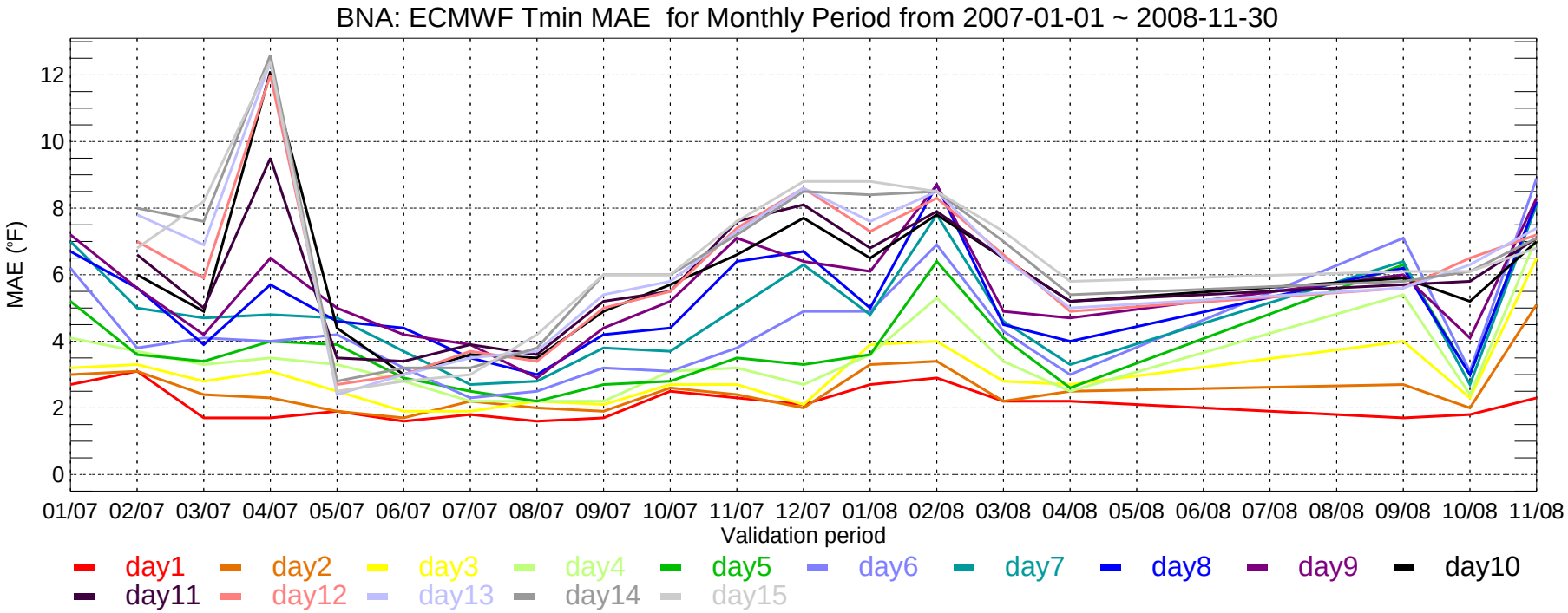
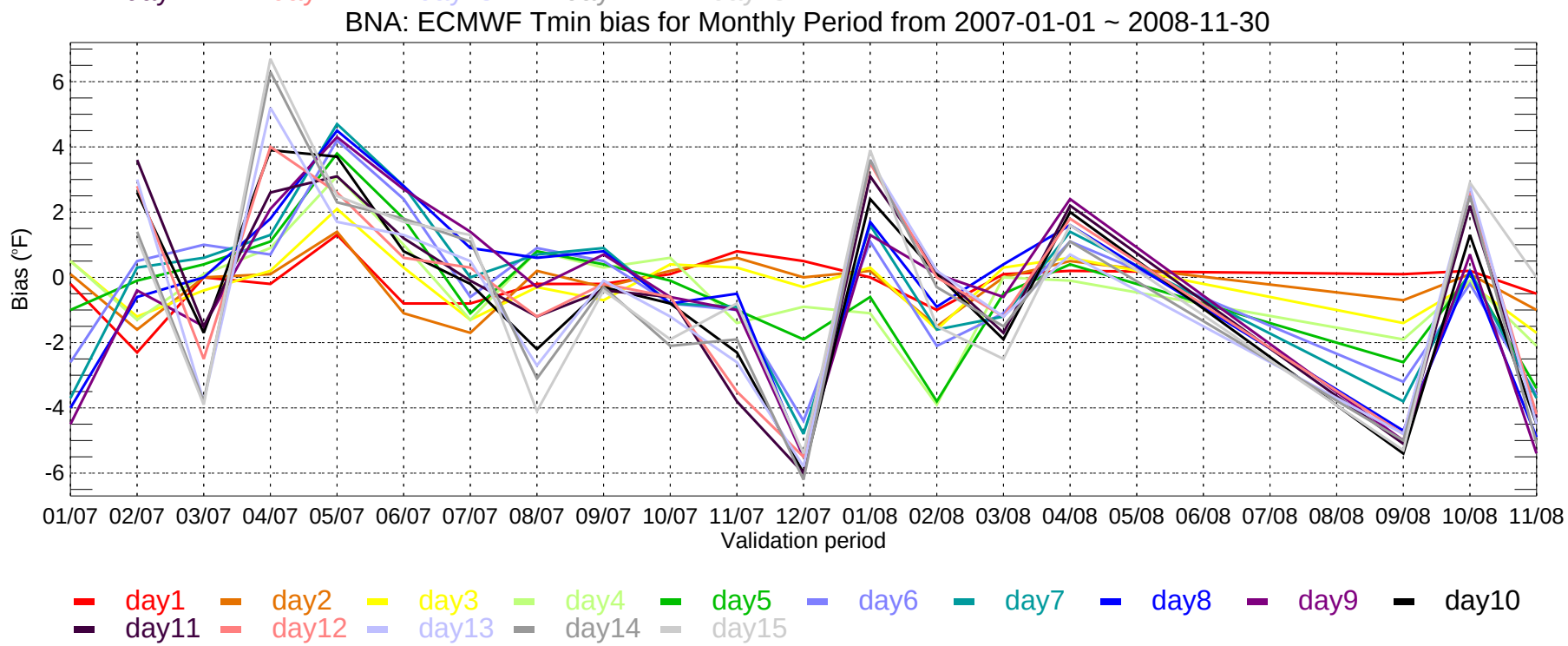
day11 day12 day13 day14 day15

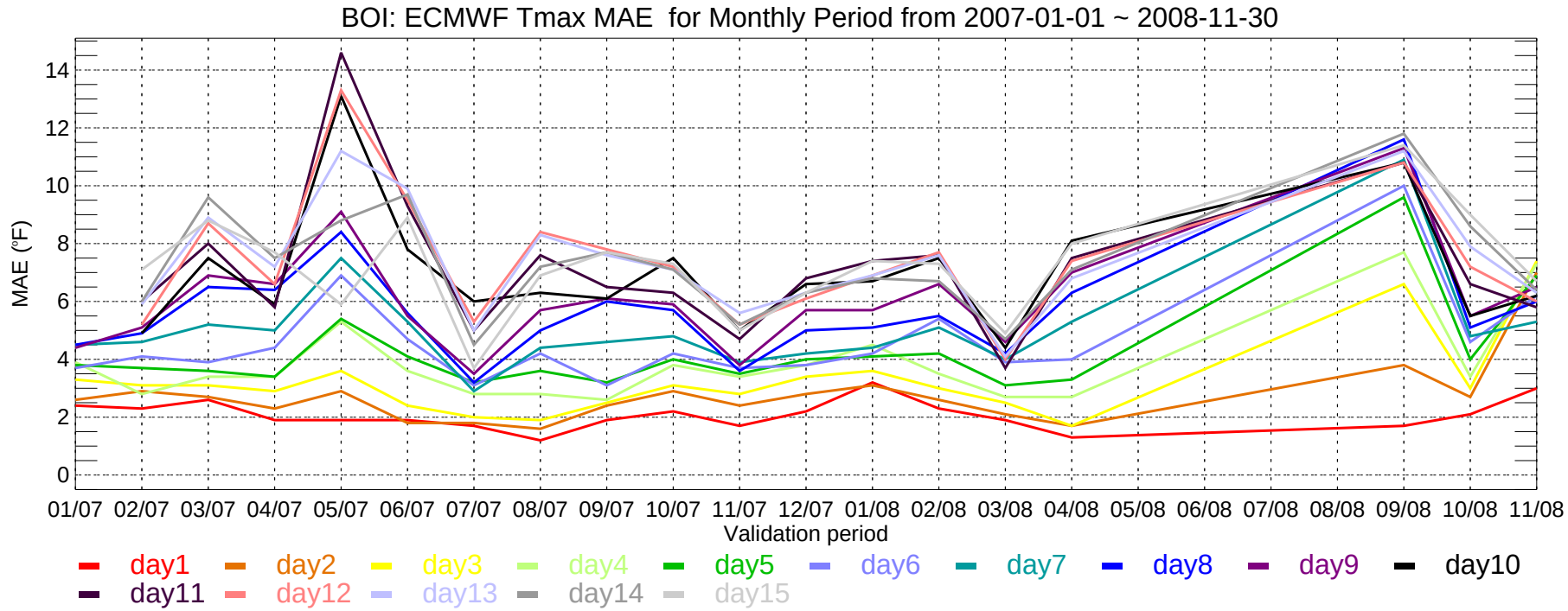

BIS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

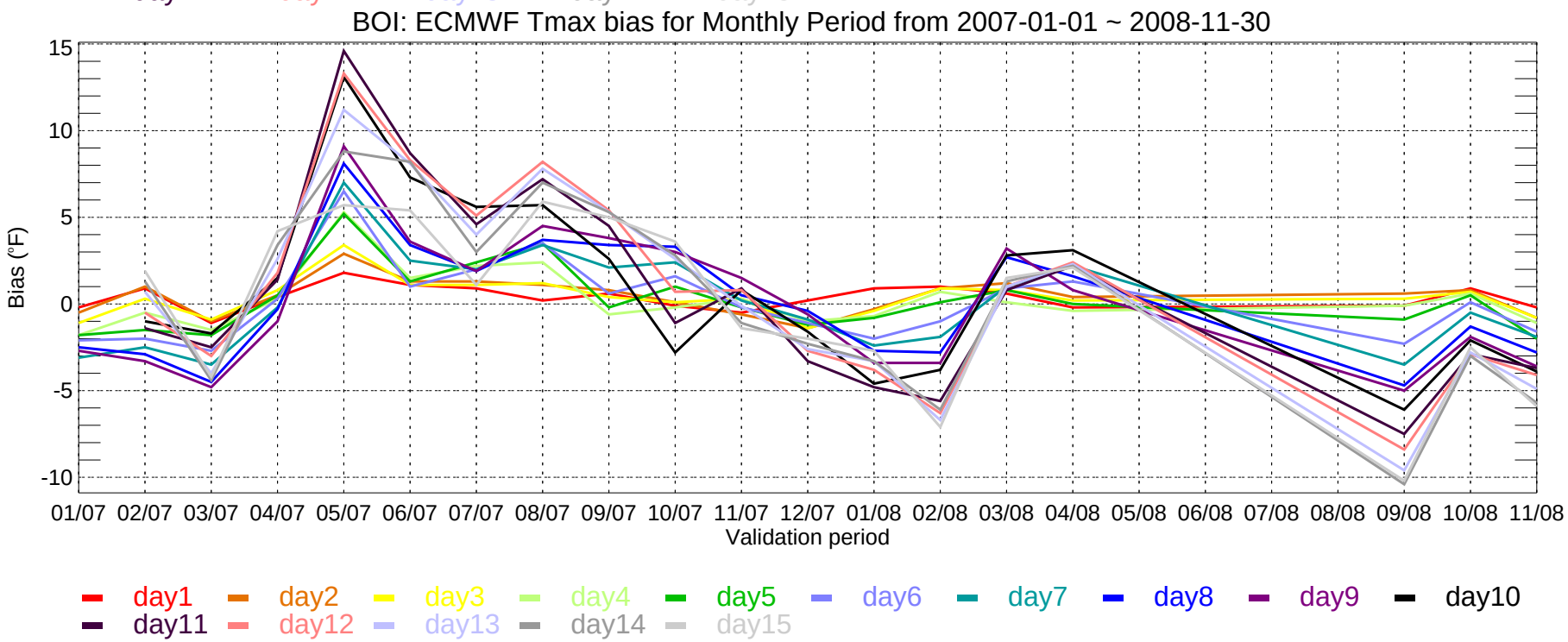

BNA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

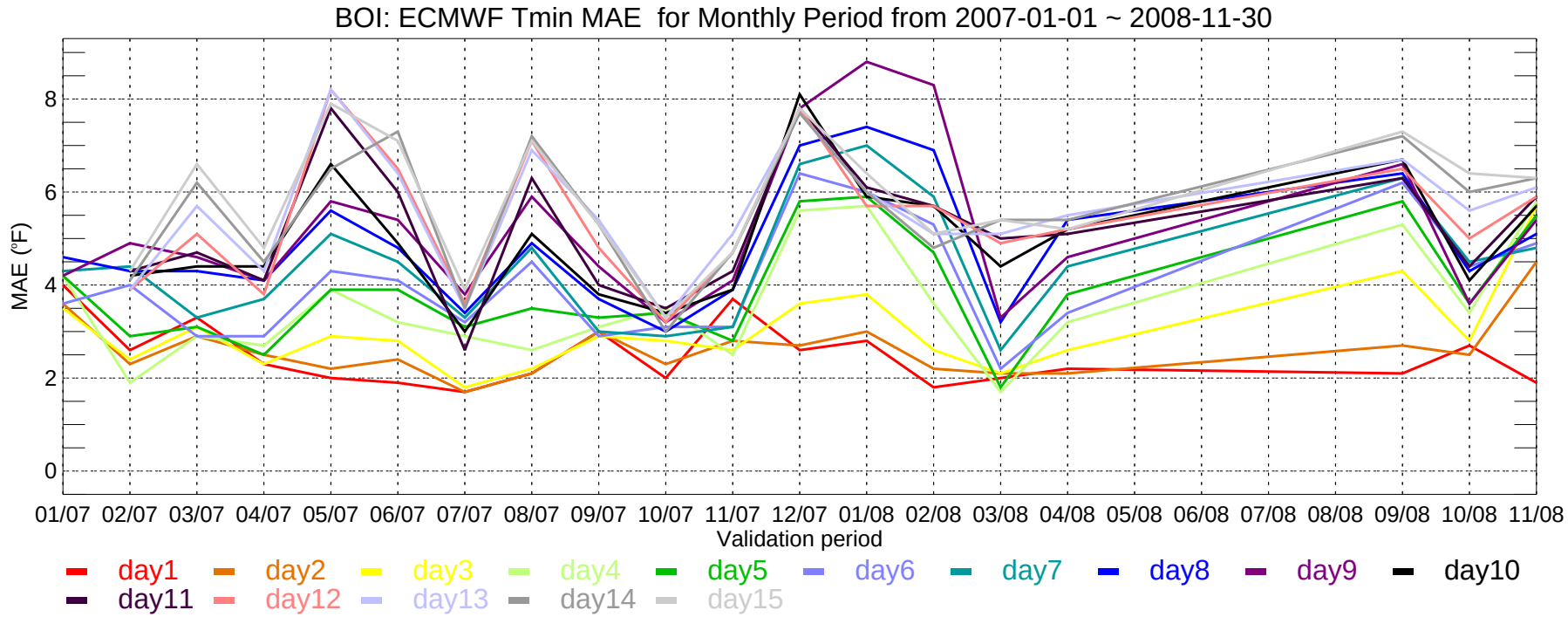

BNA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

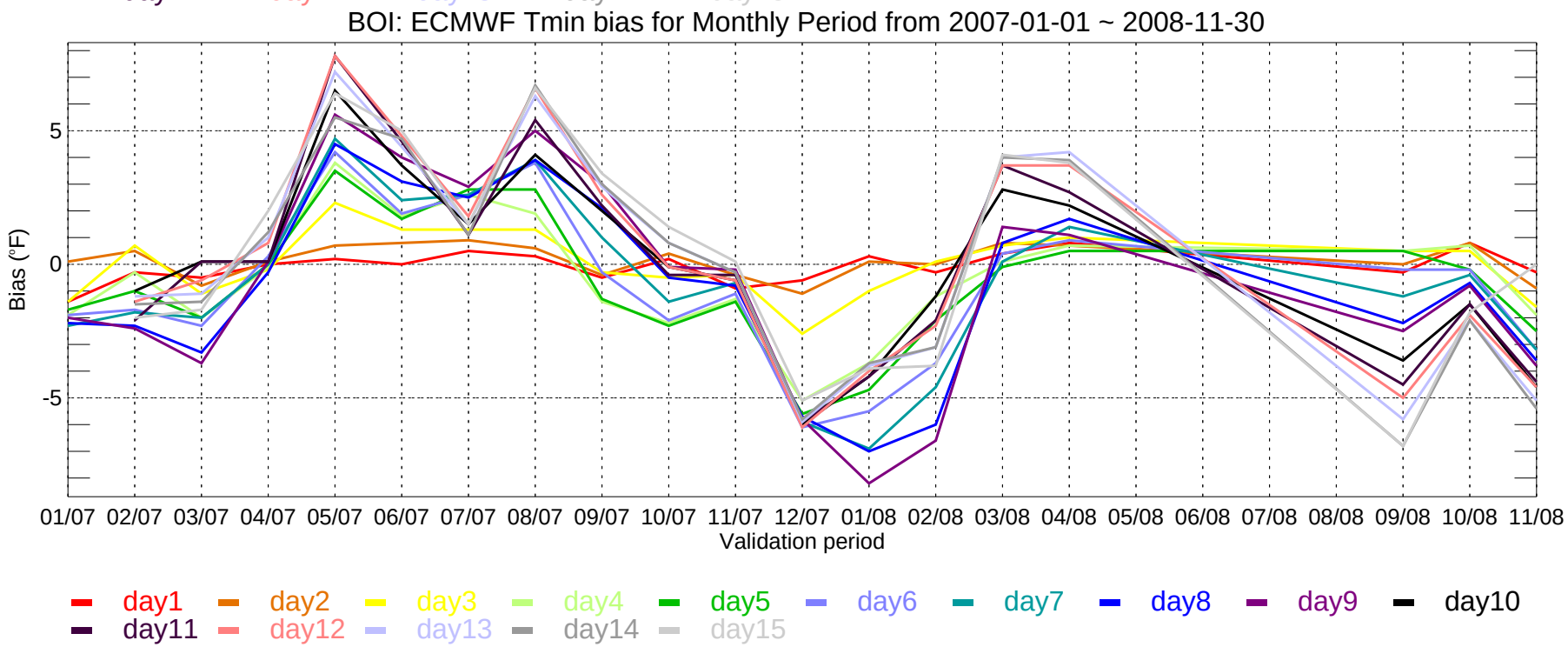

BNA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

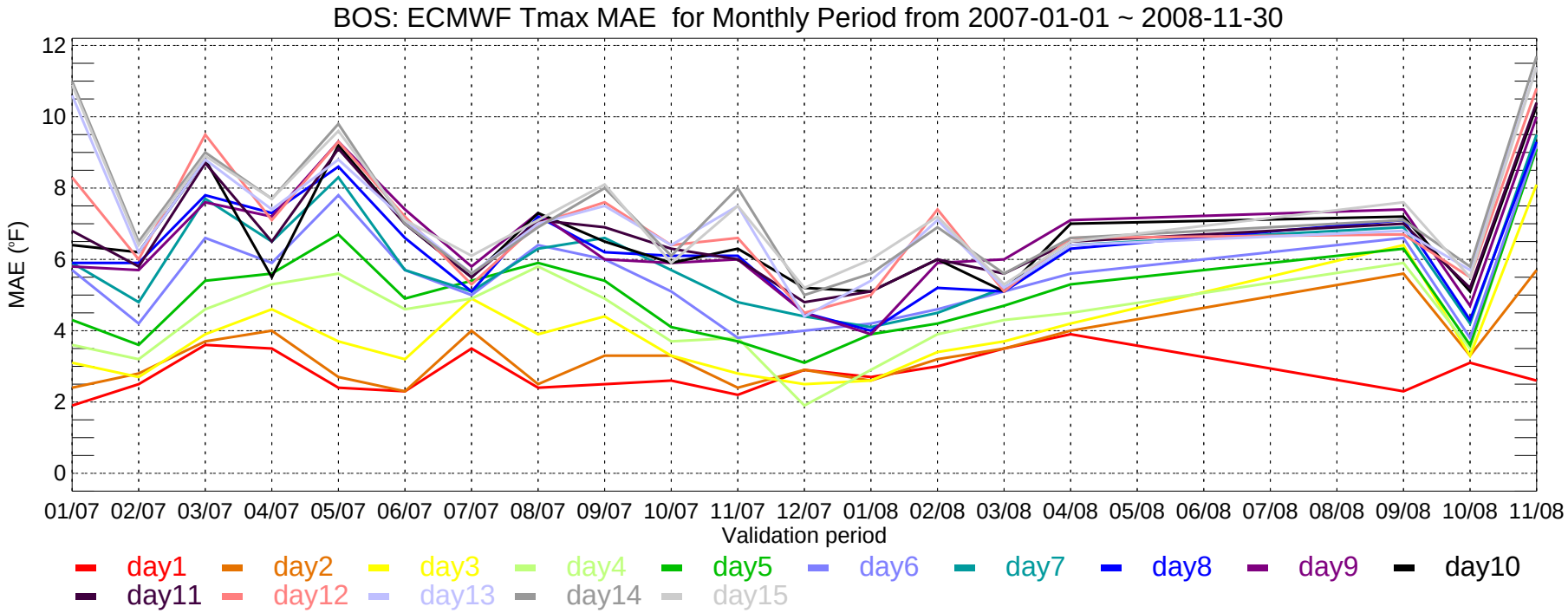

BNA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

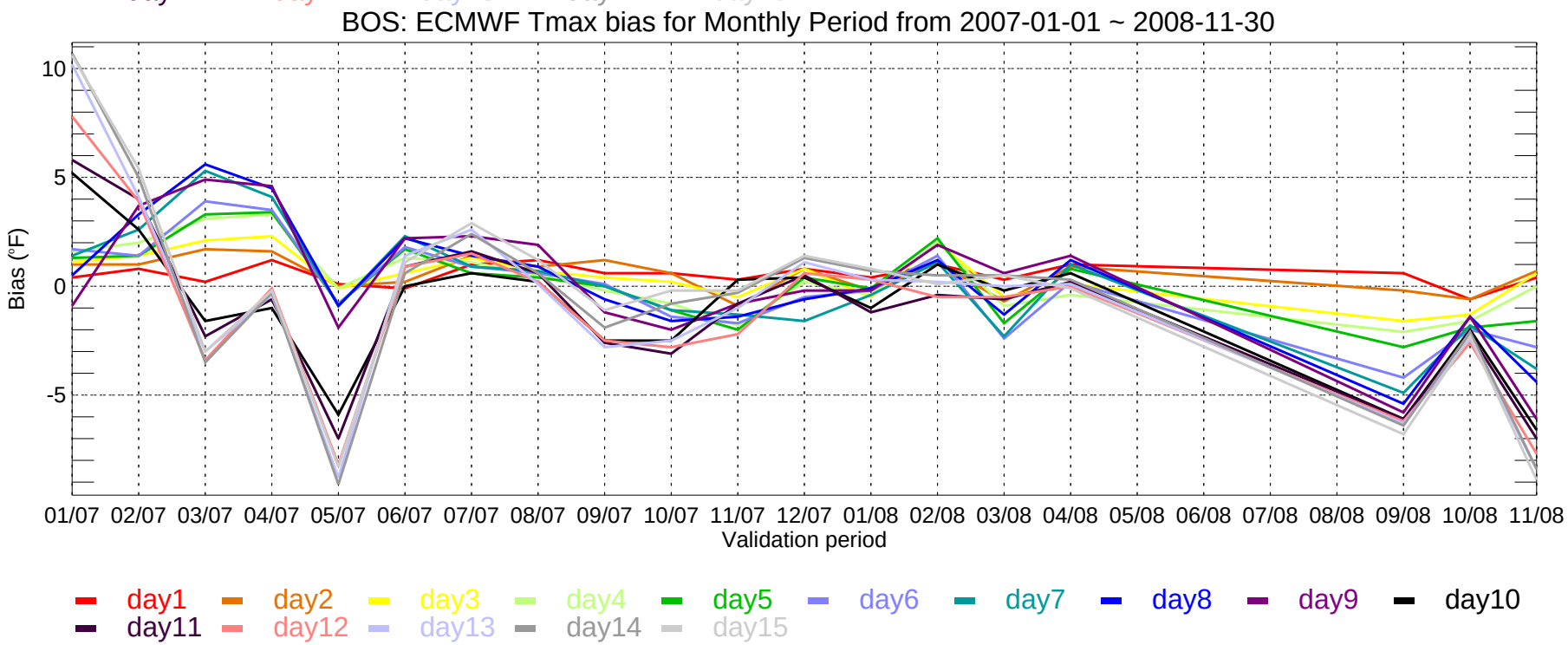

BOI: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

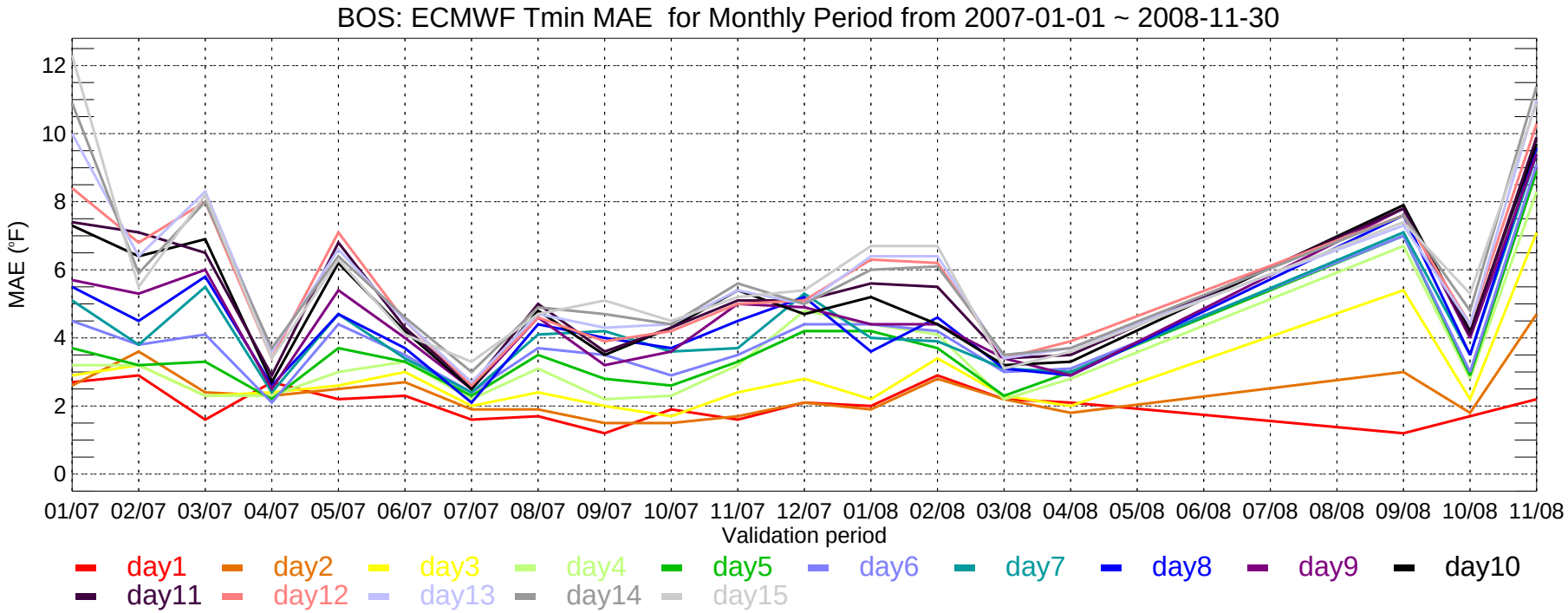

BOI: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

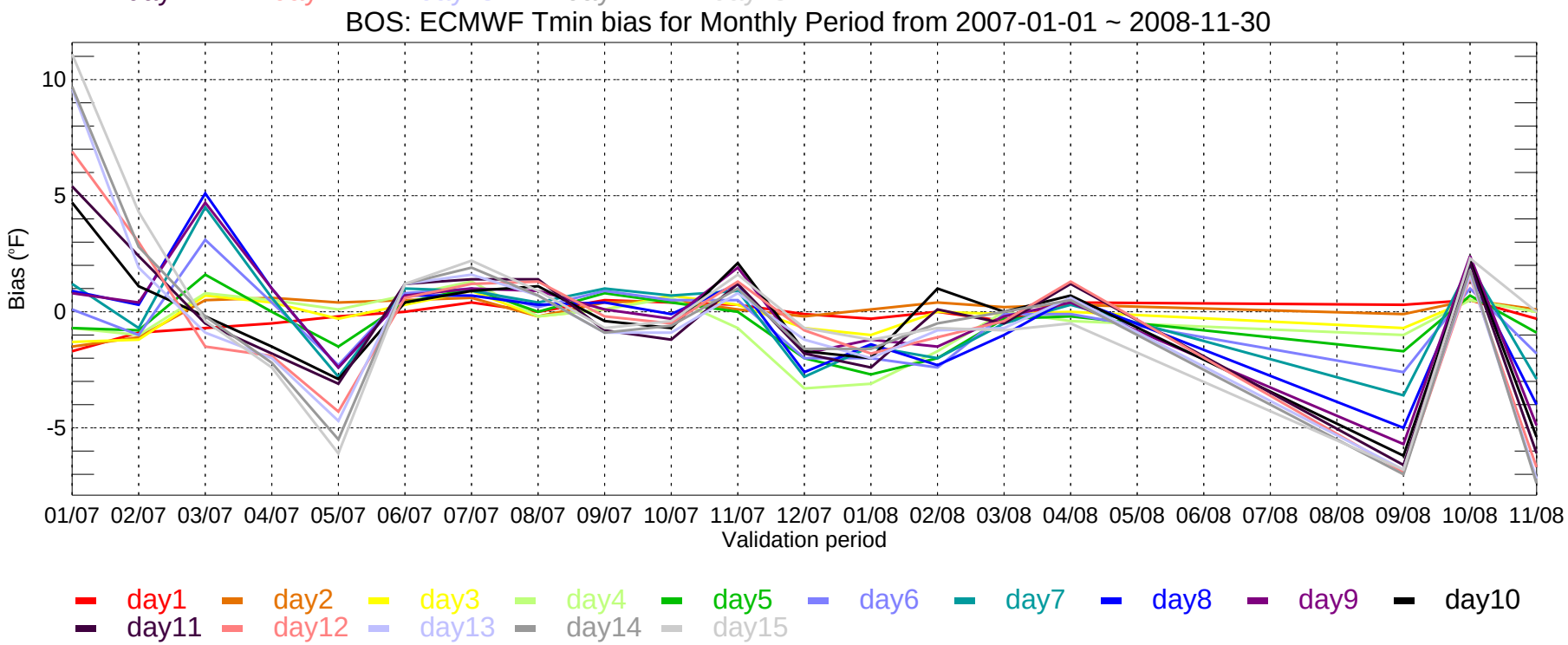

BOI: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

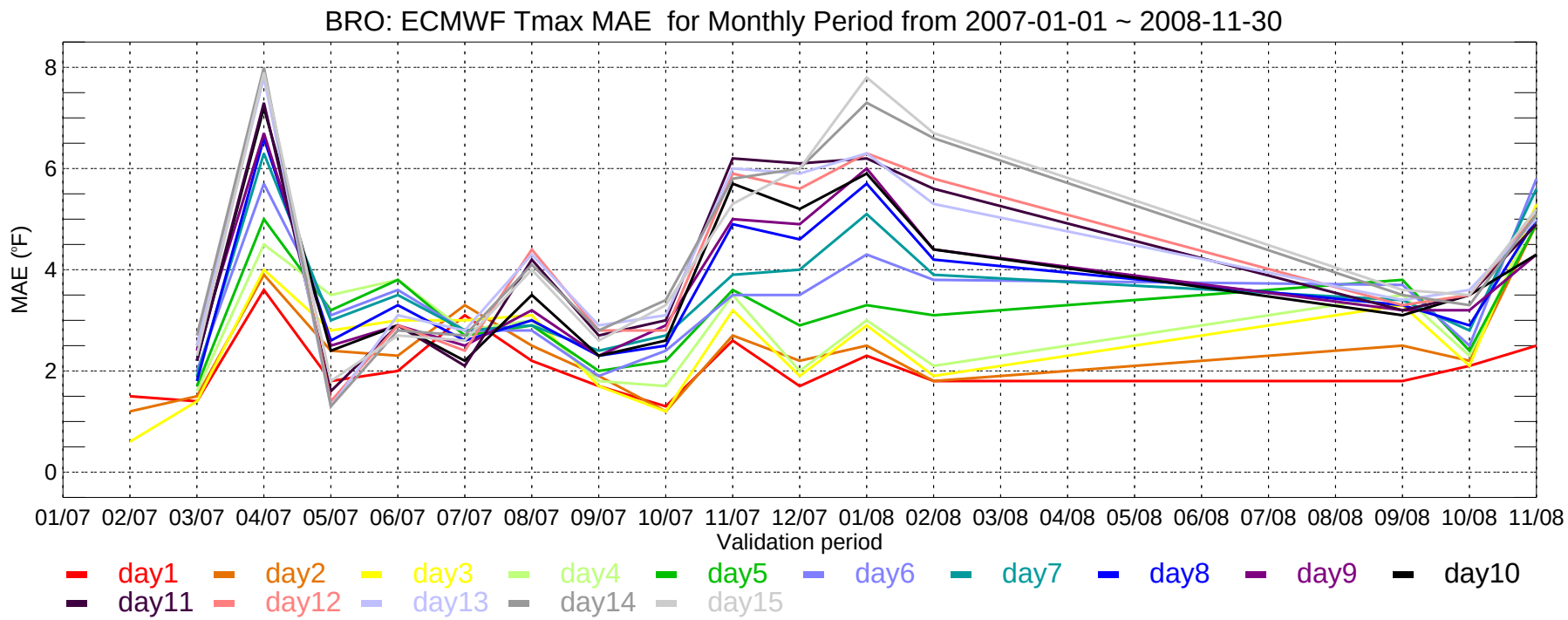

BOI: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

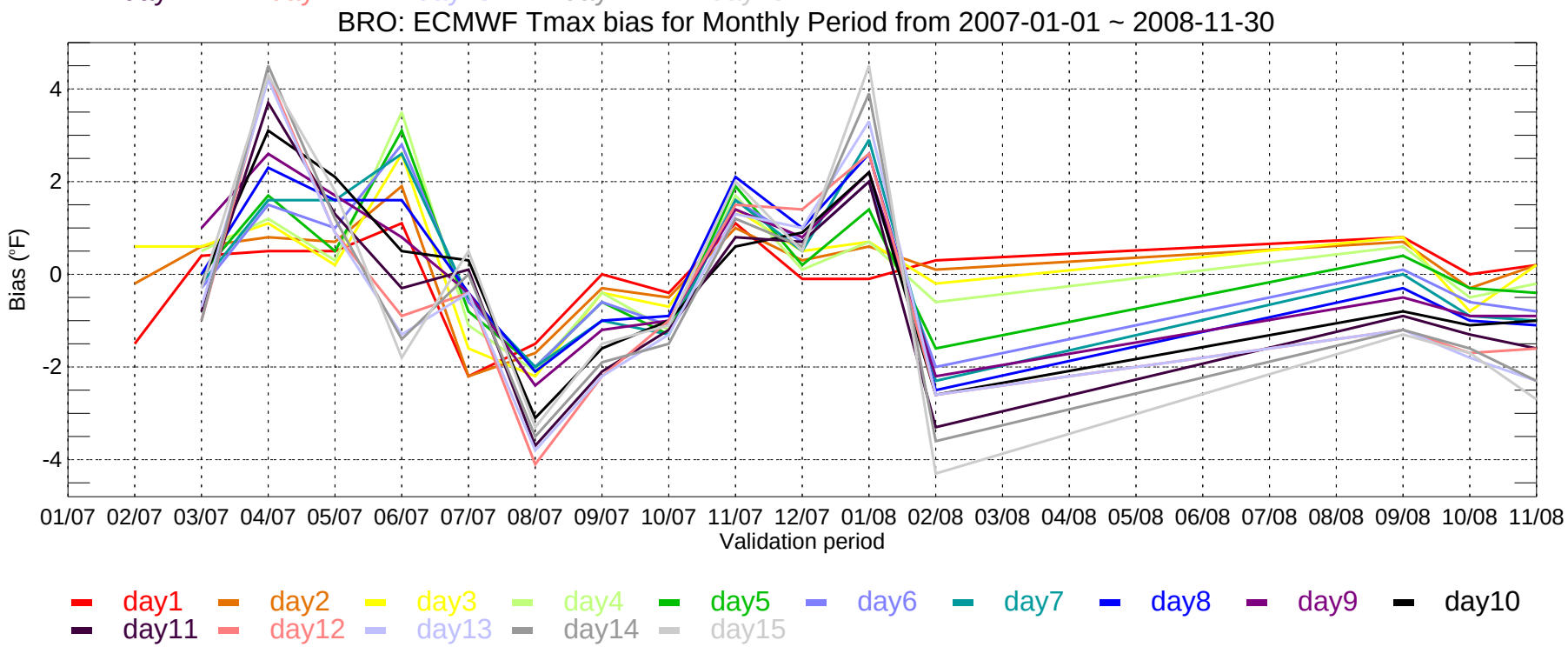

BOS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

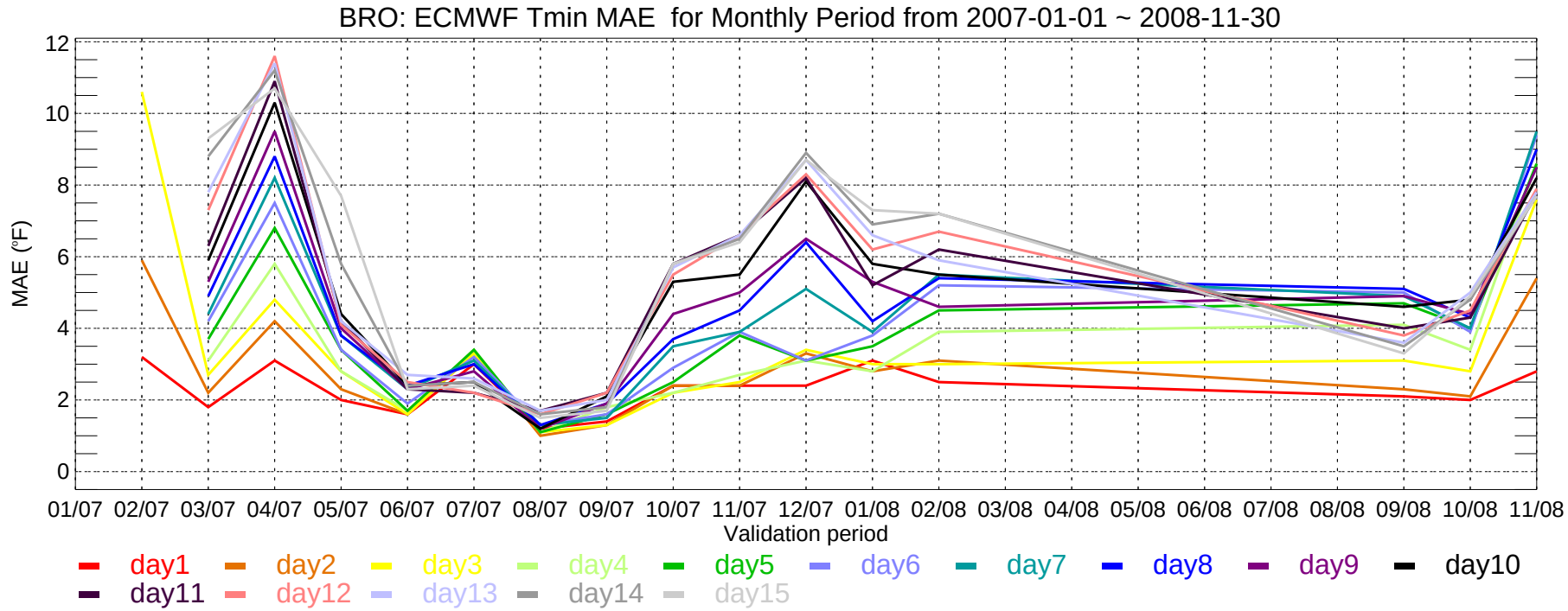

BOS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

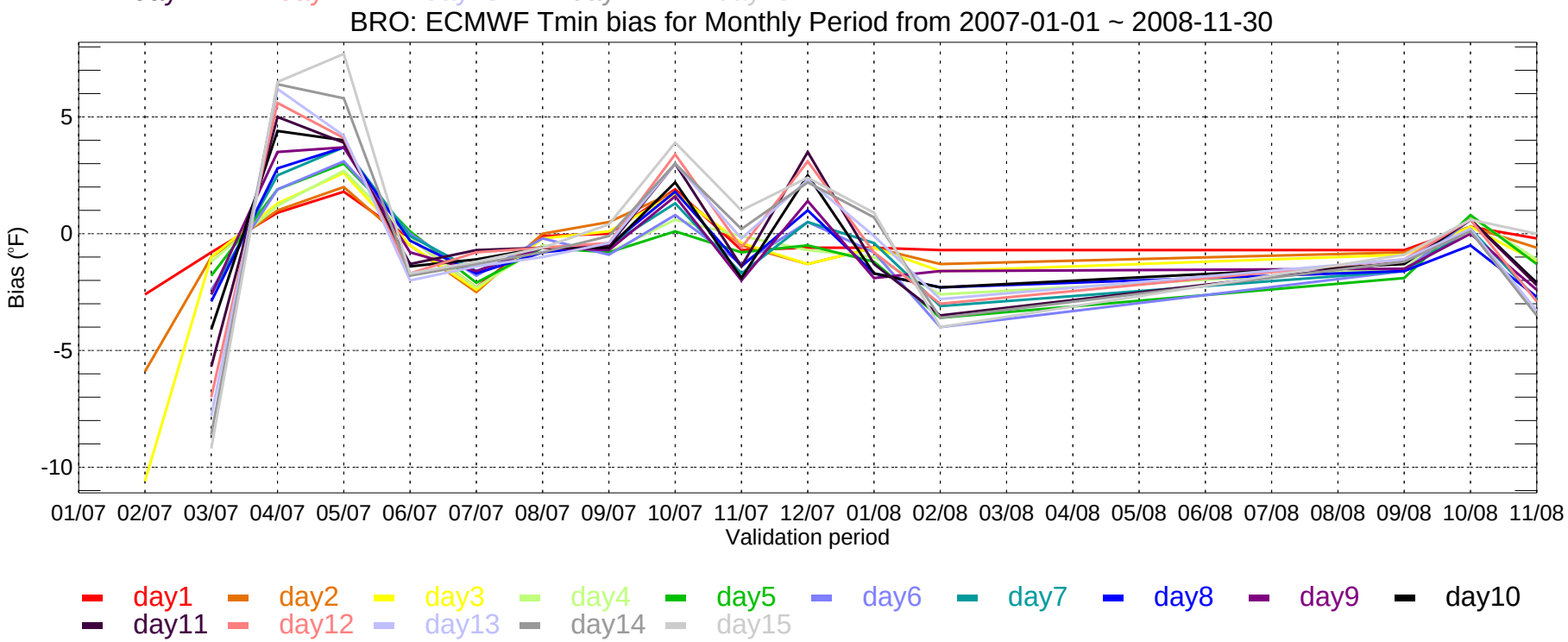

BOS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

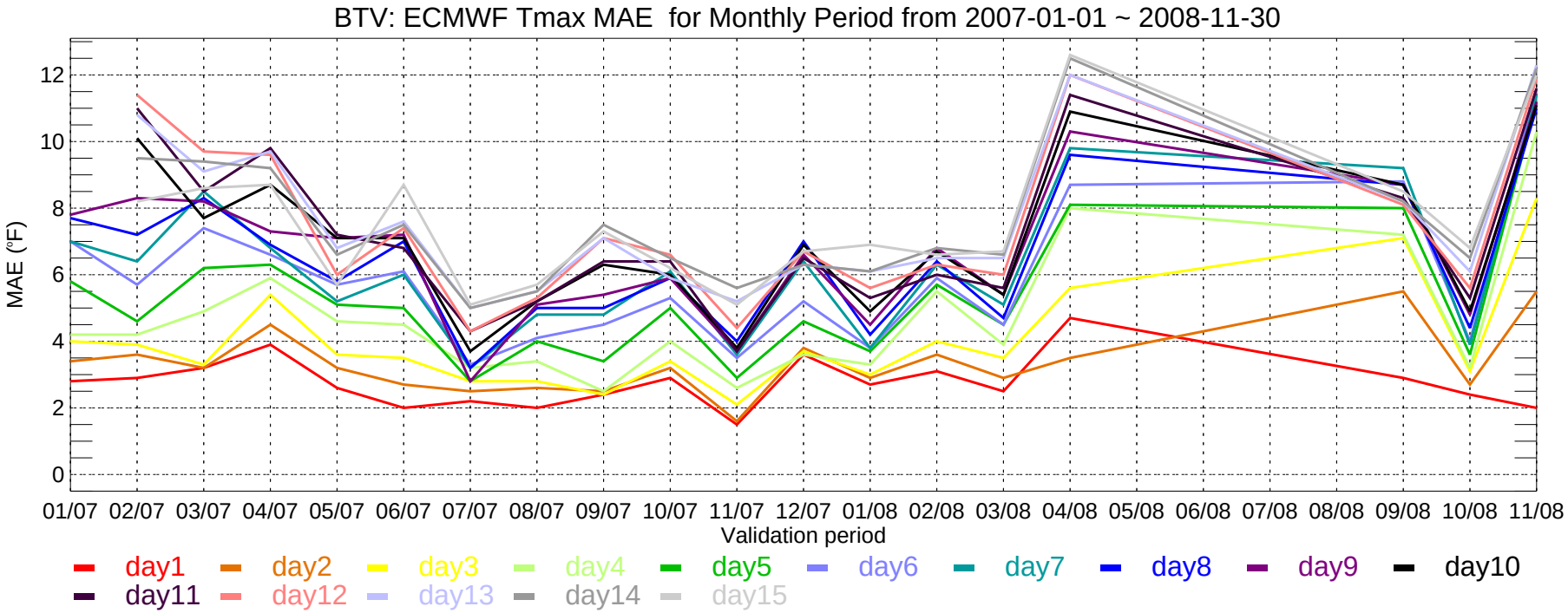

BOS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

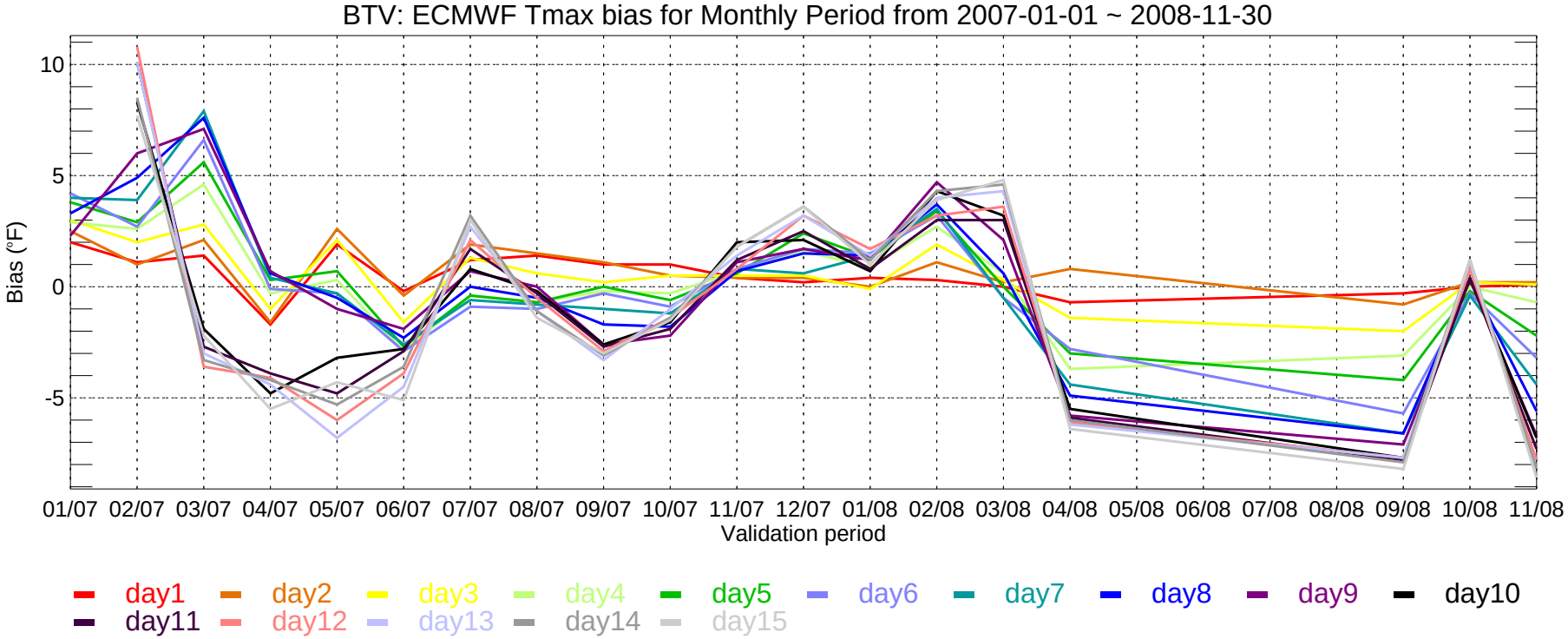

BRO: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

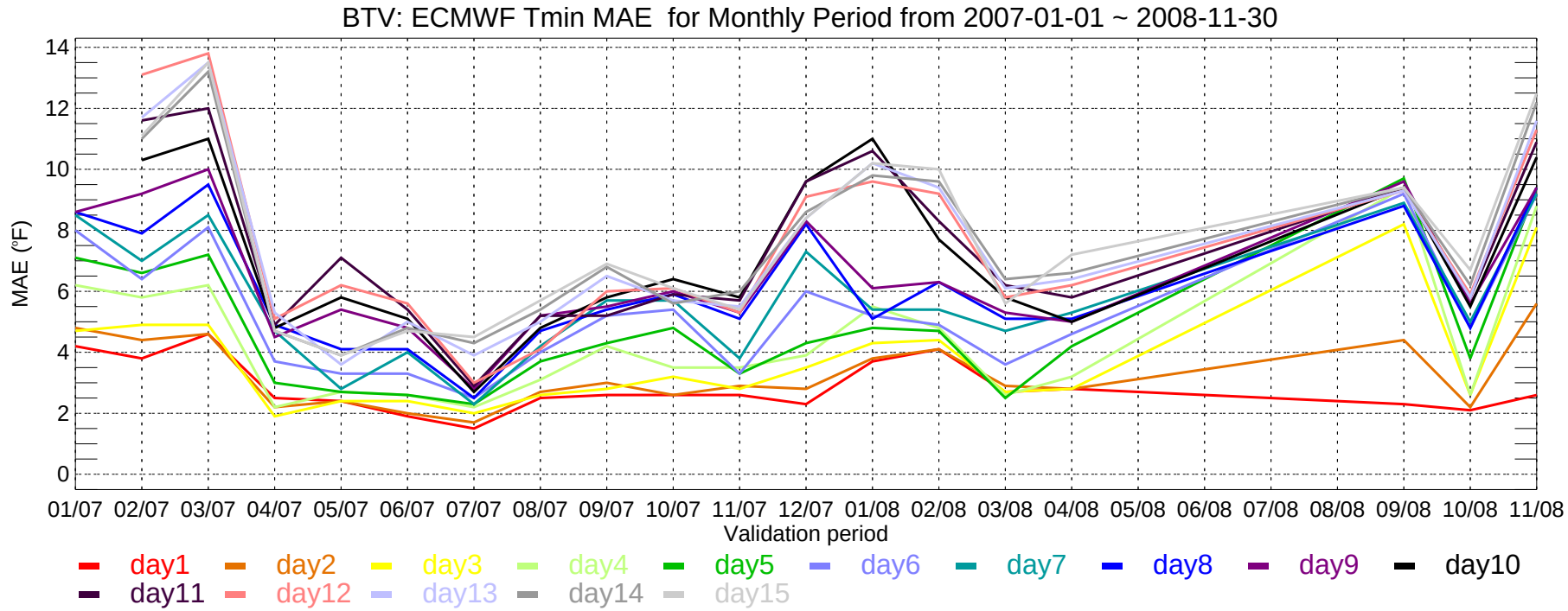

BRO: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BRO: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BRO: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BTV: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BTV: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BTV: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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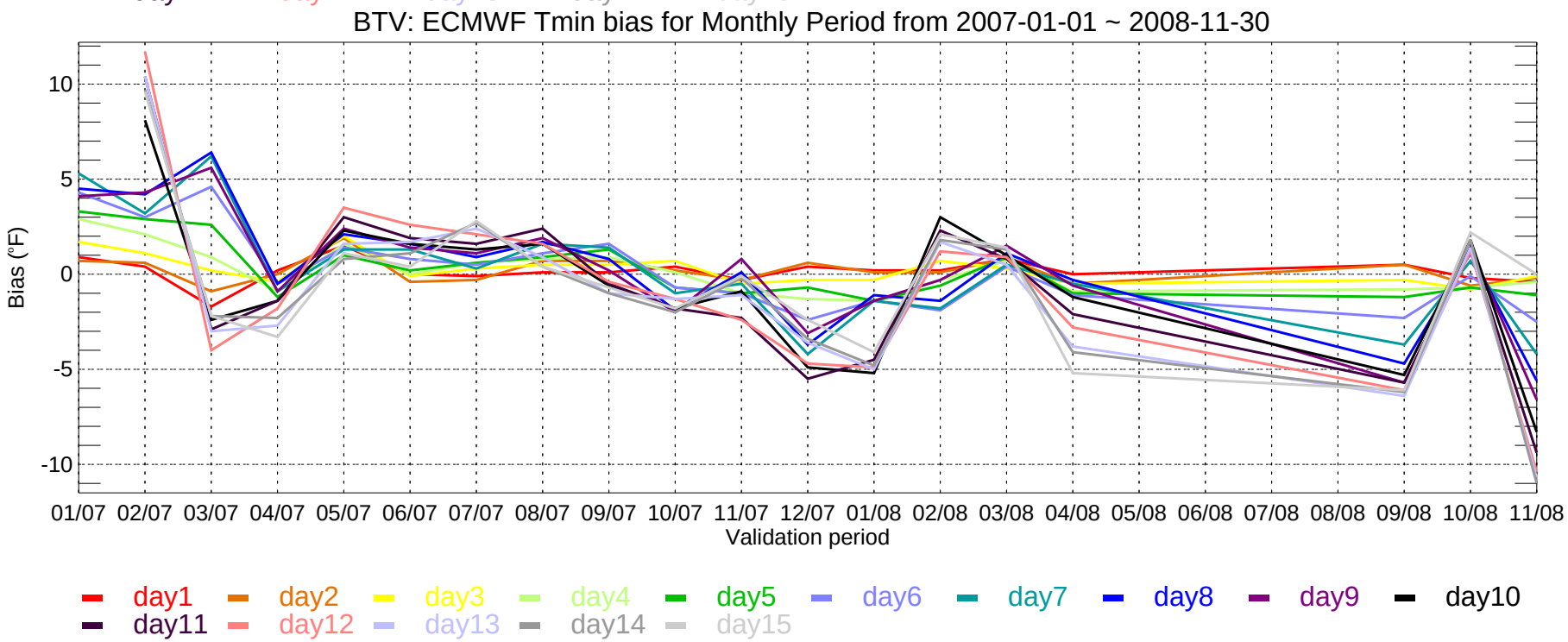
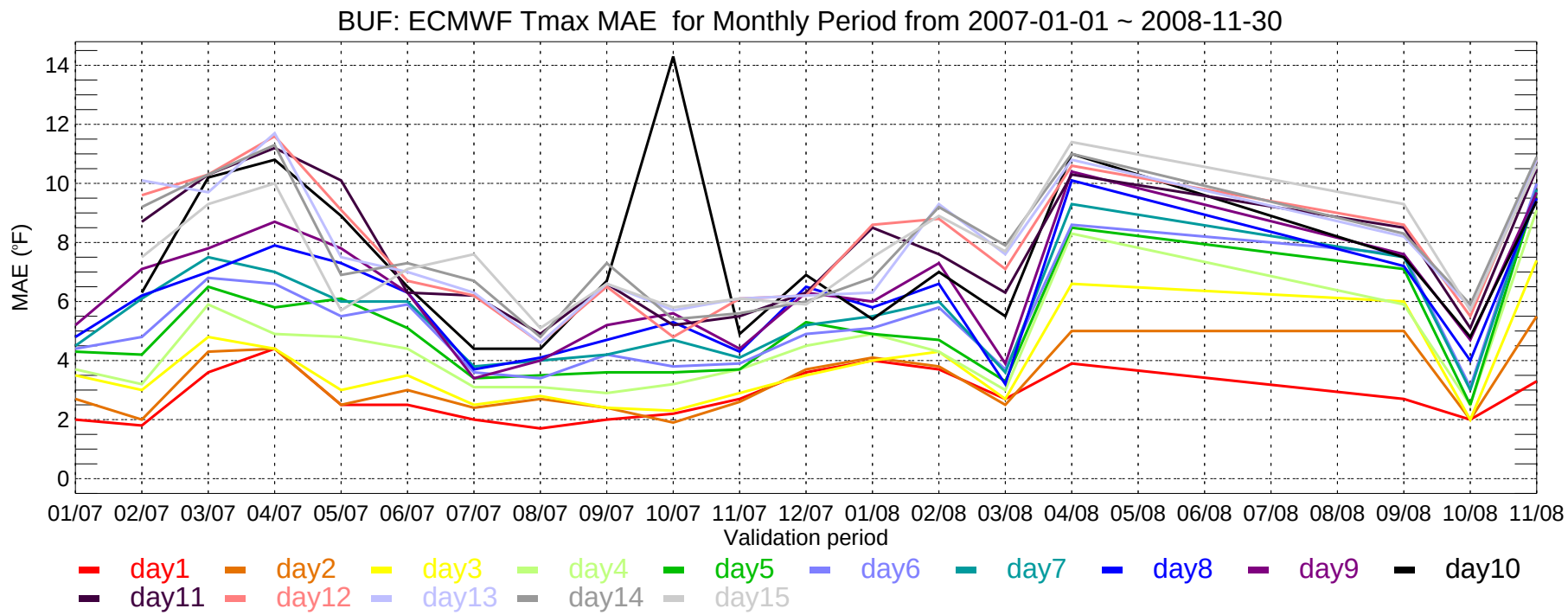
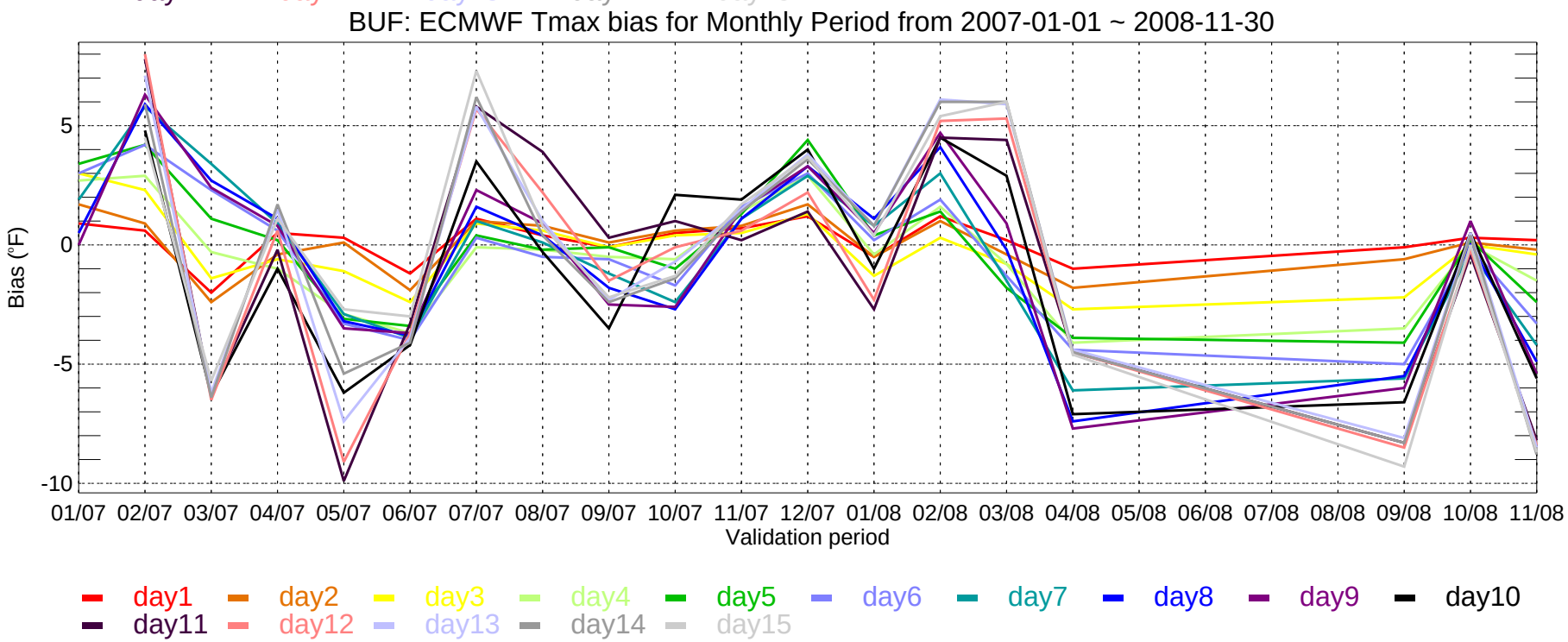
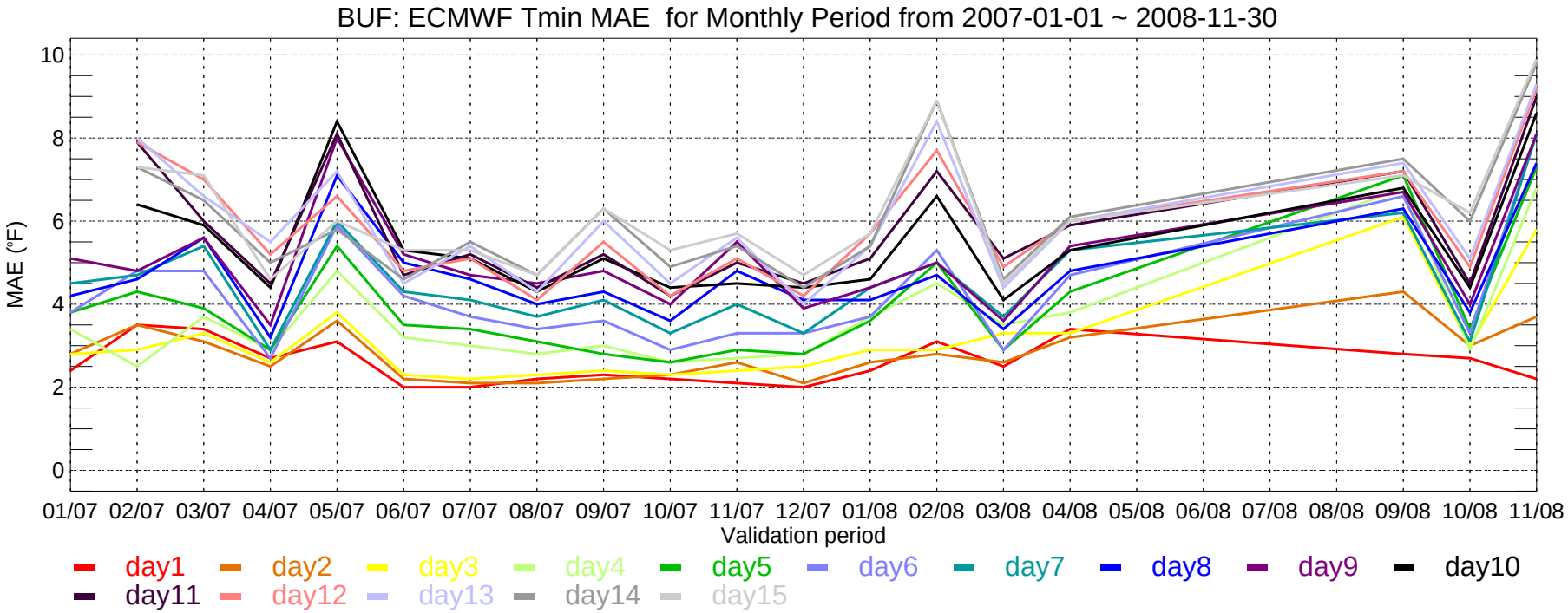
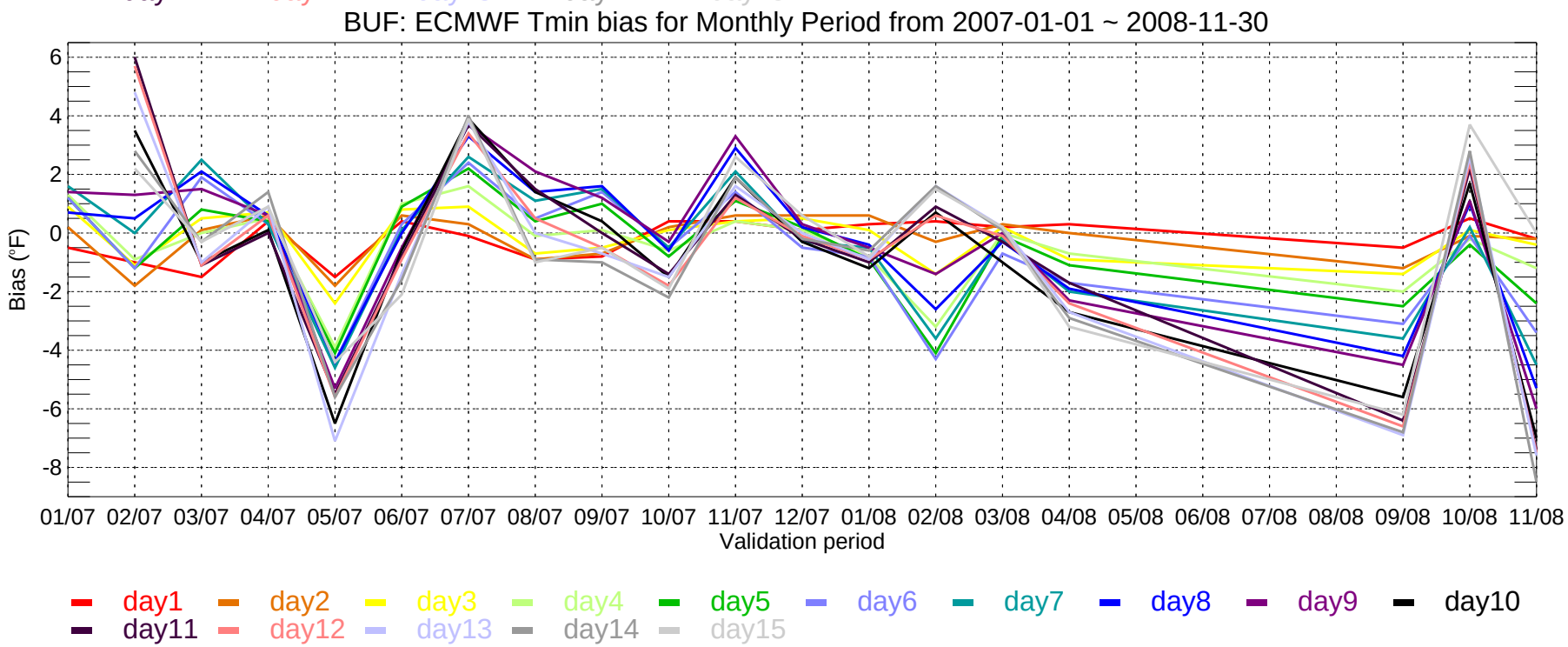

BTV: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BUF: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BUF: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BUF: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BUF: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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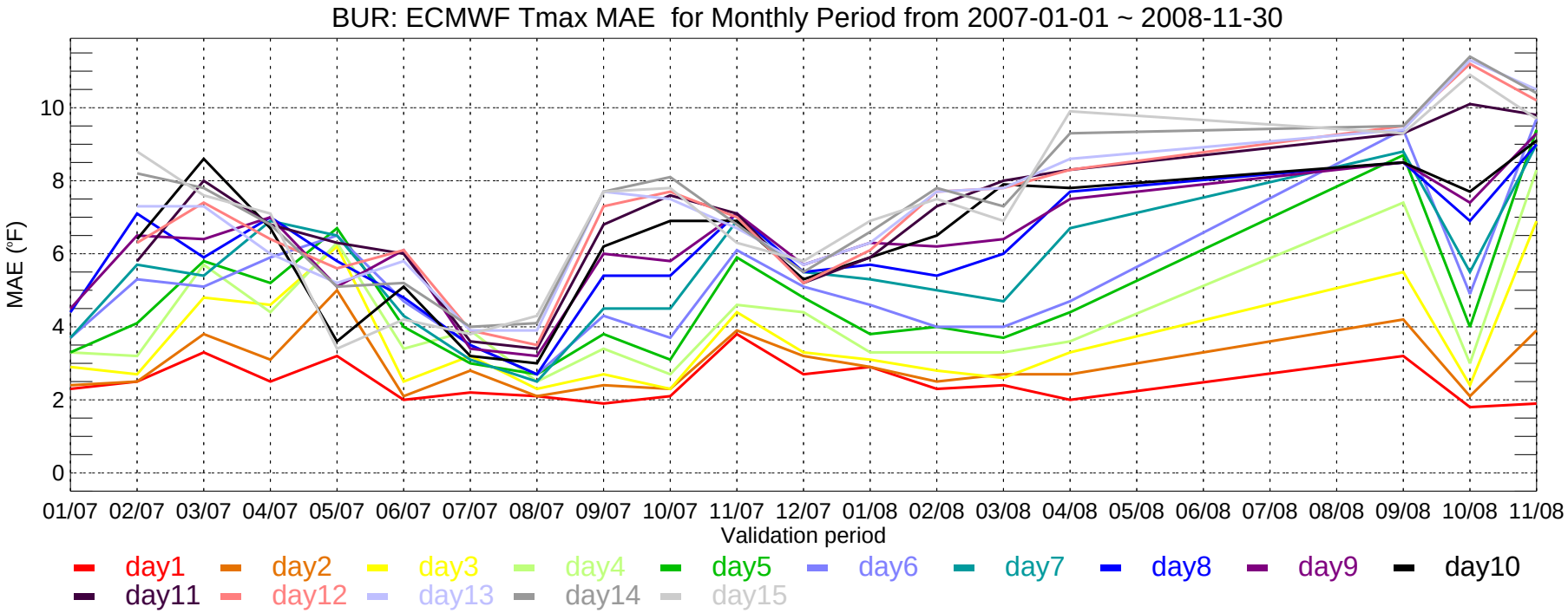
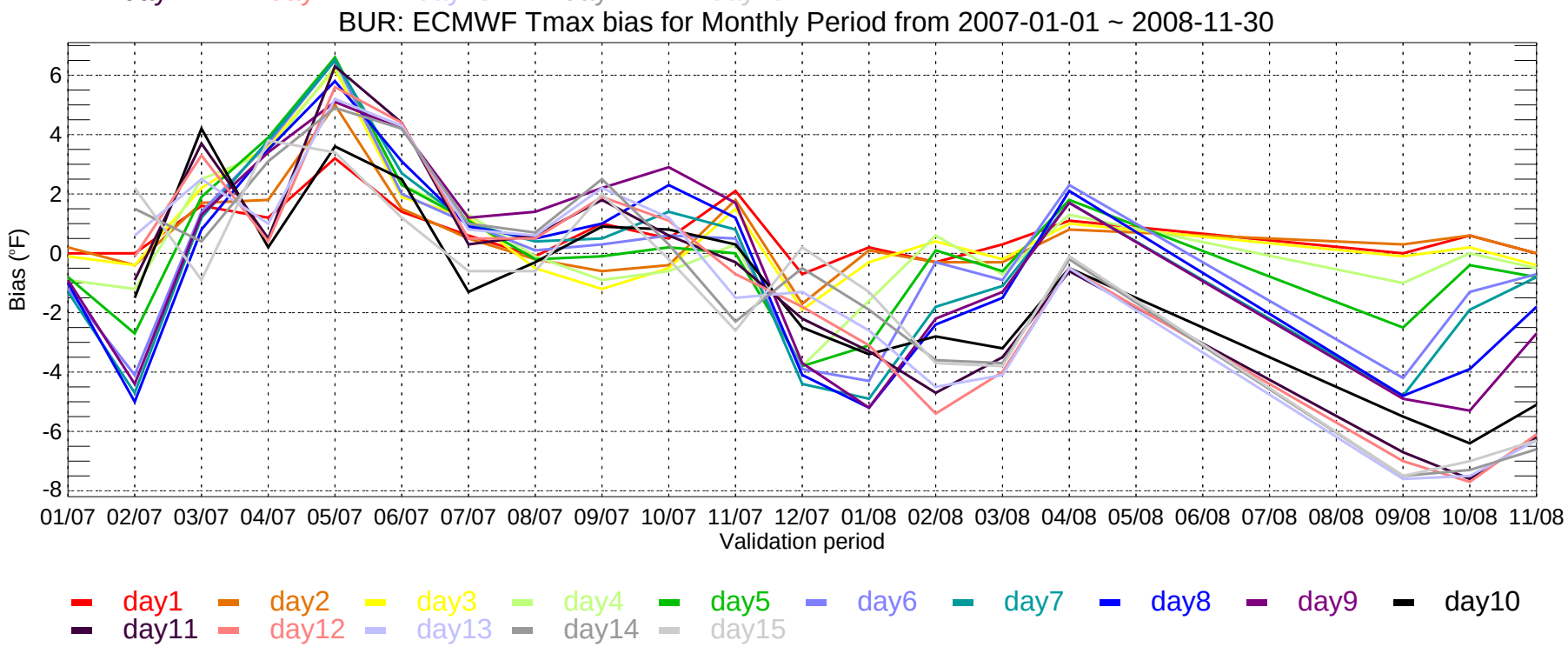

BUR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BUR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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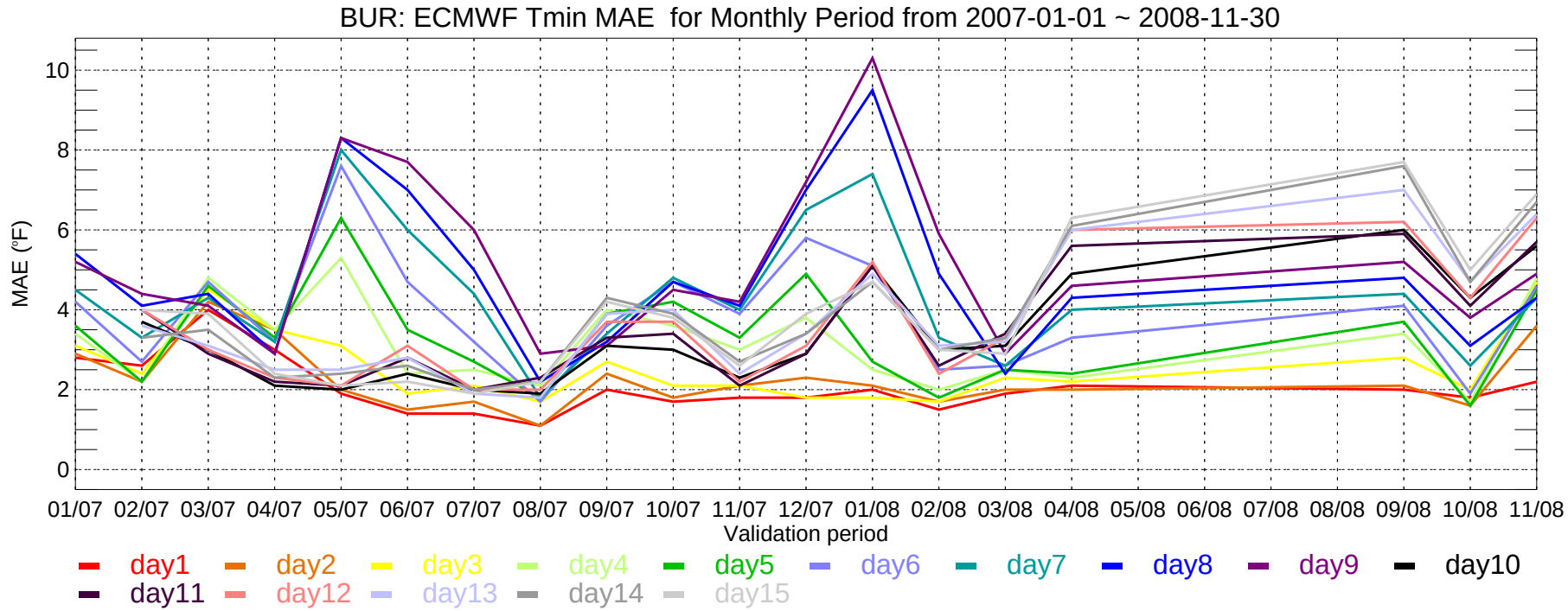
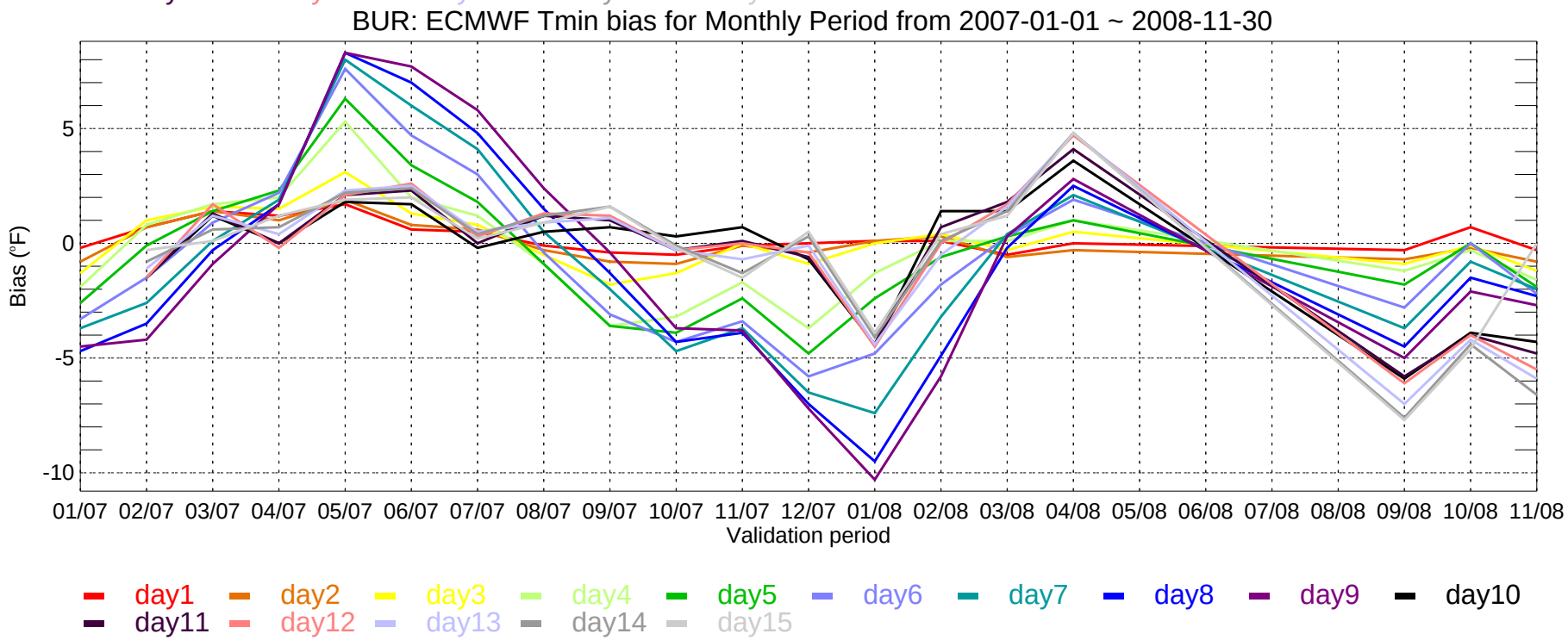
day11 day12 day13 day14 day15


BUR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BUR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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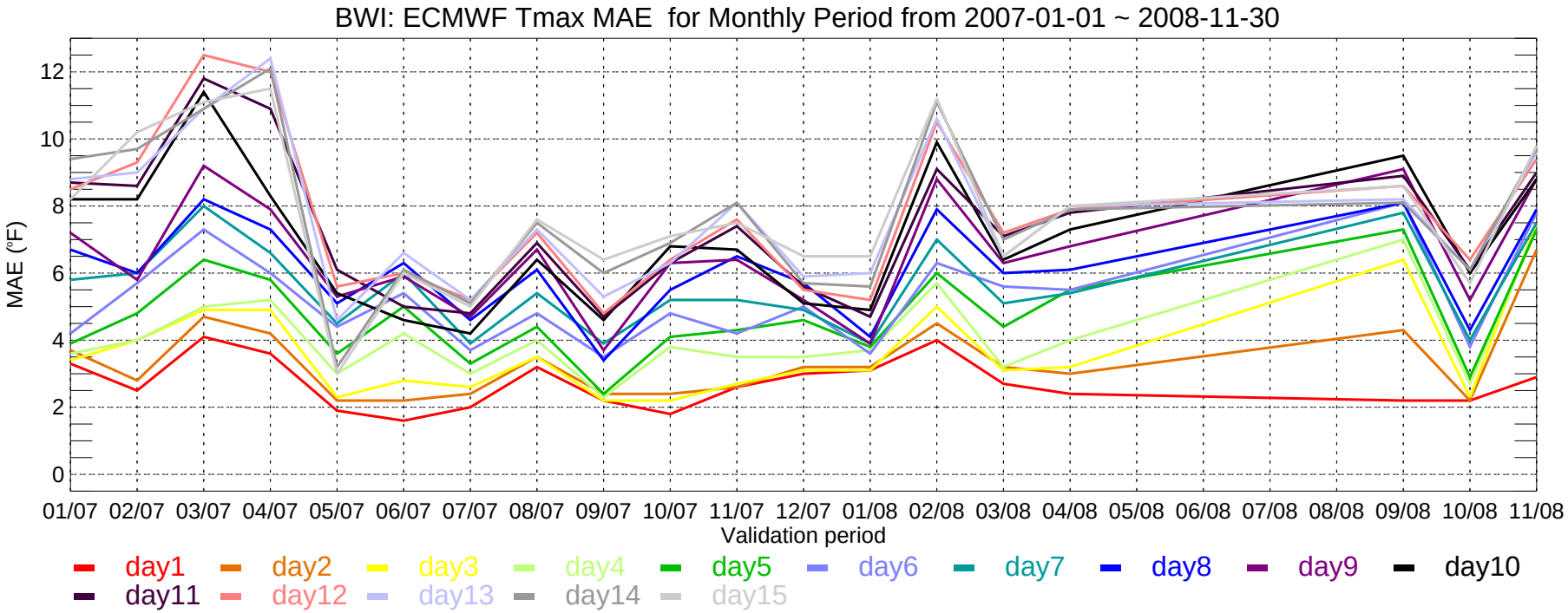
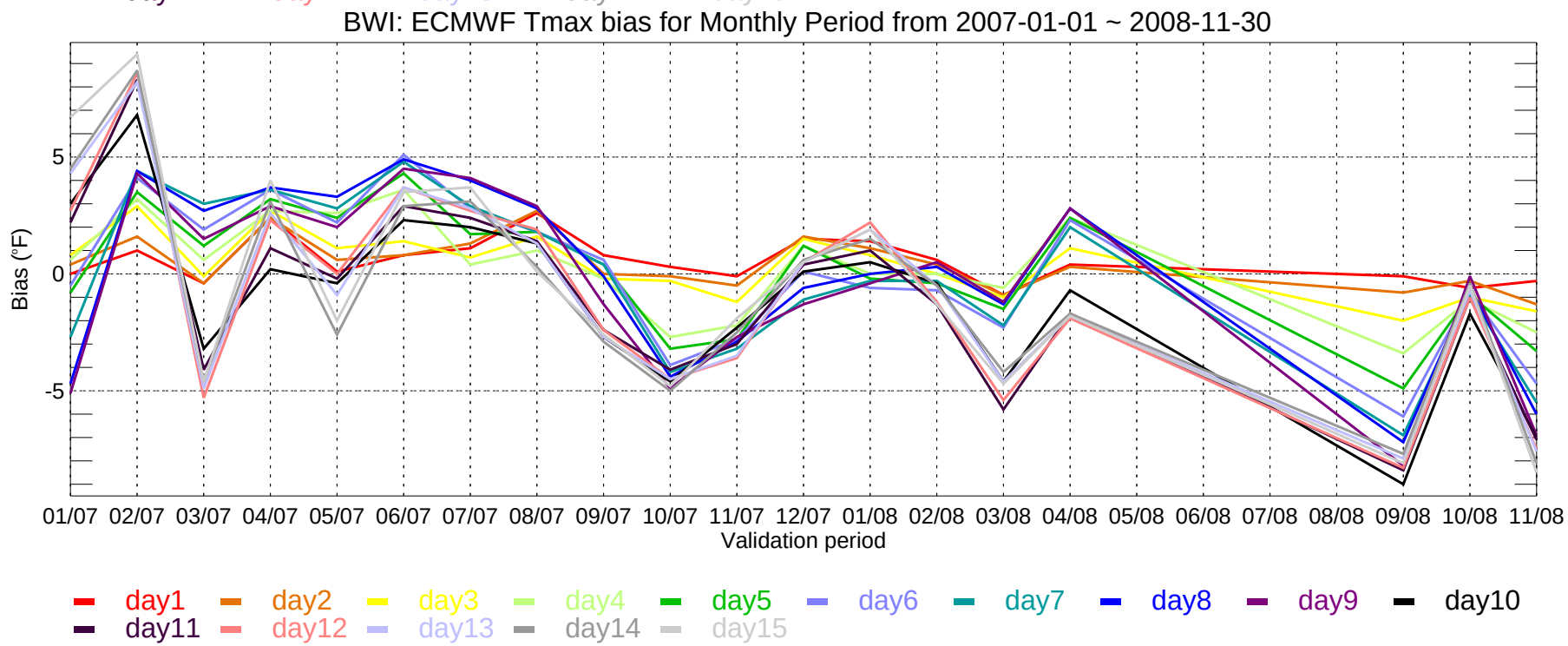
day11 day12 day13 day14 day15


BWI: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


BWI: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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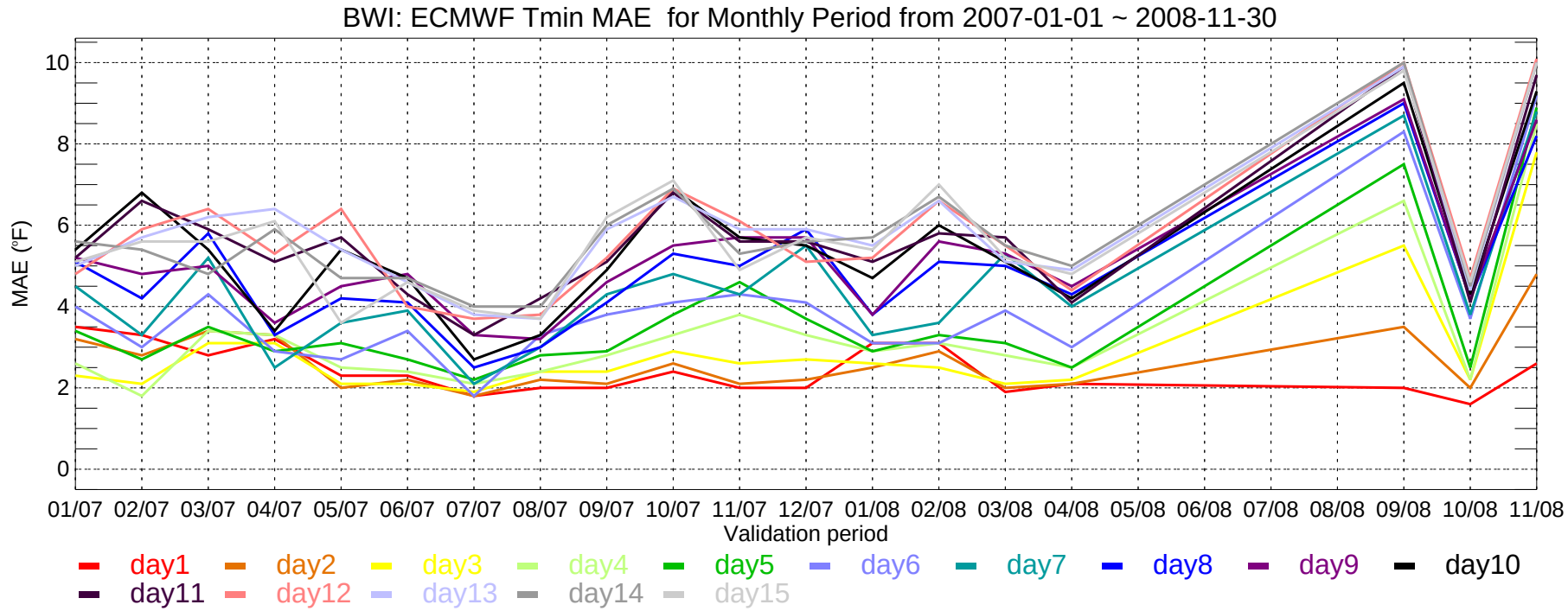
BWI: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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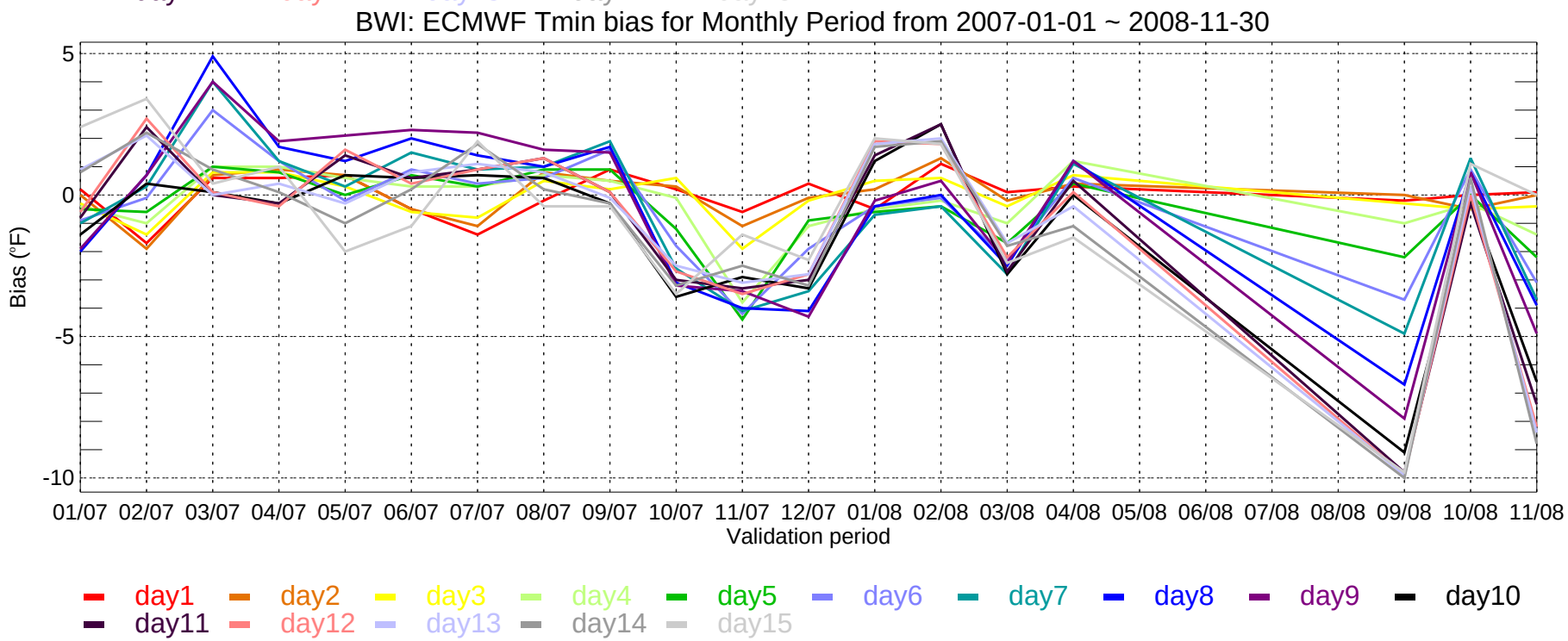
BWI: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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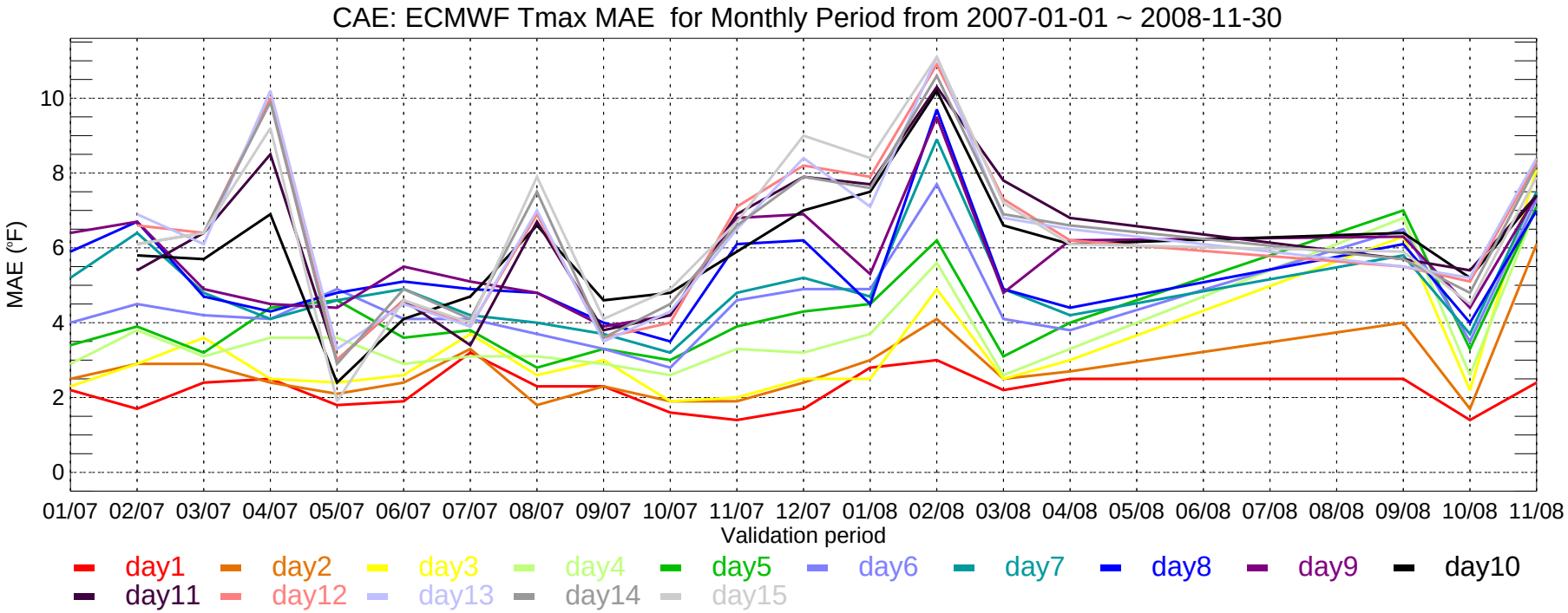
CAE: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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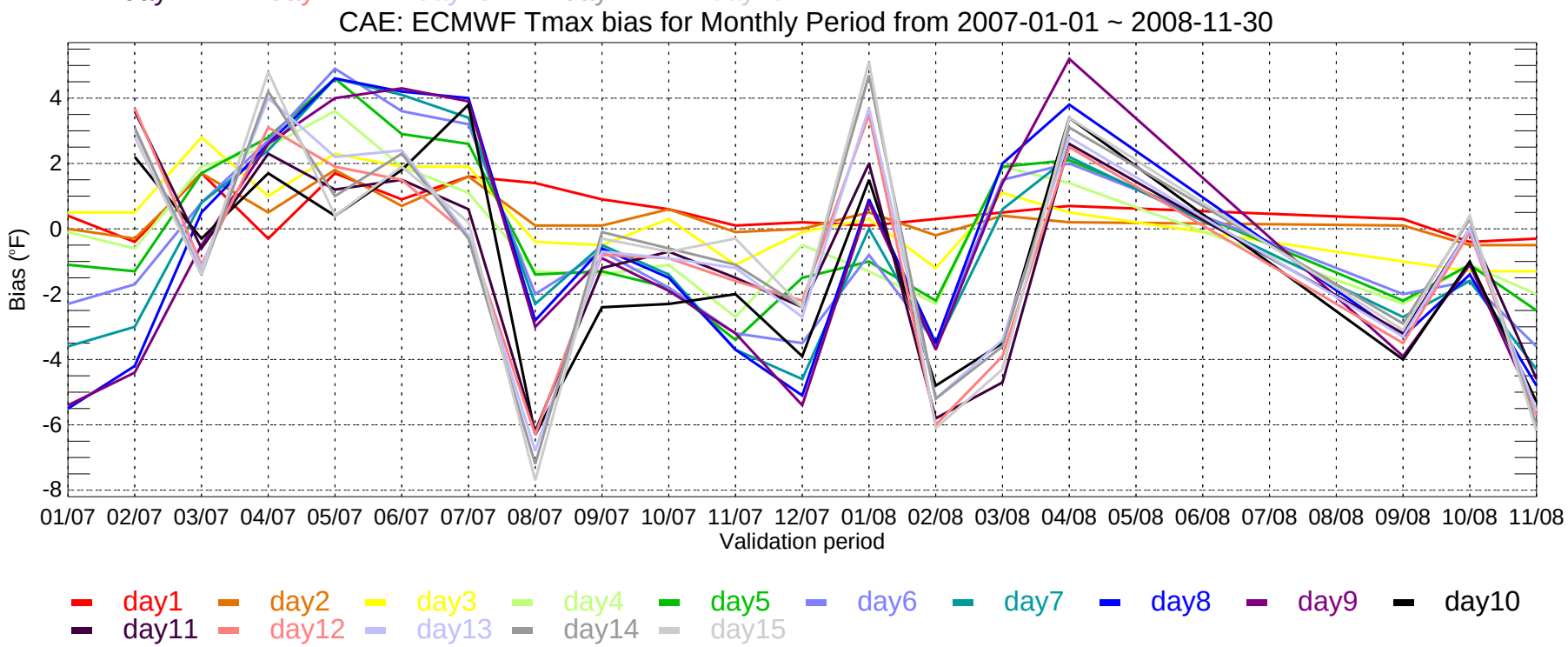
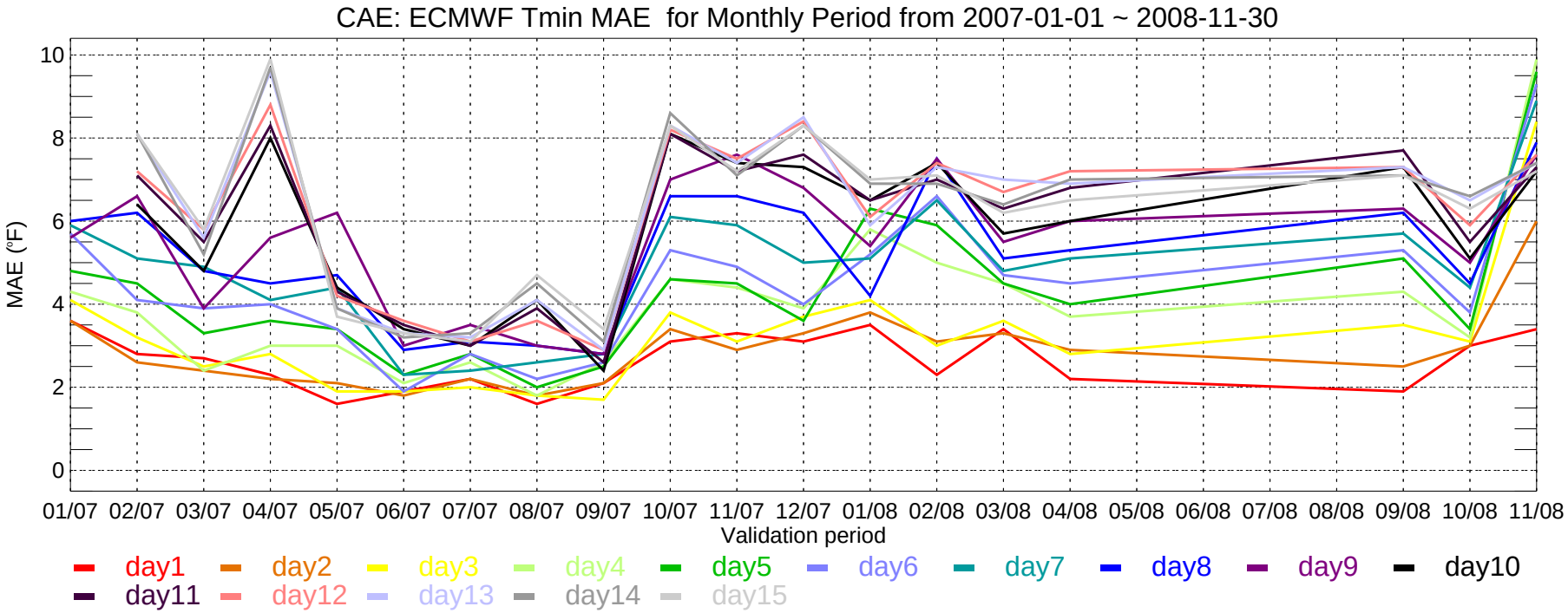
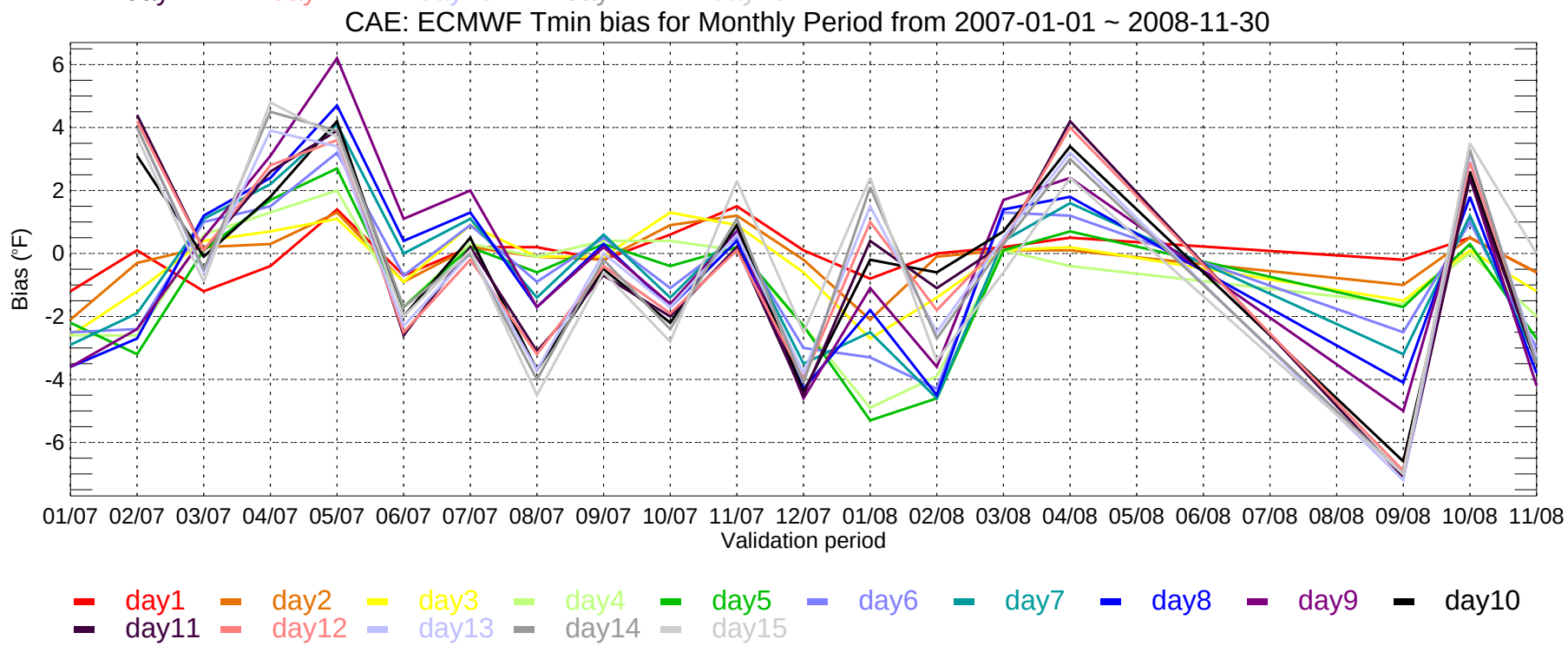
day11 day12 day13 day14 day15


CAE: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-8
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CAE: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CAE: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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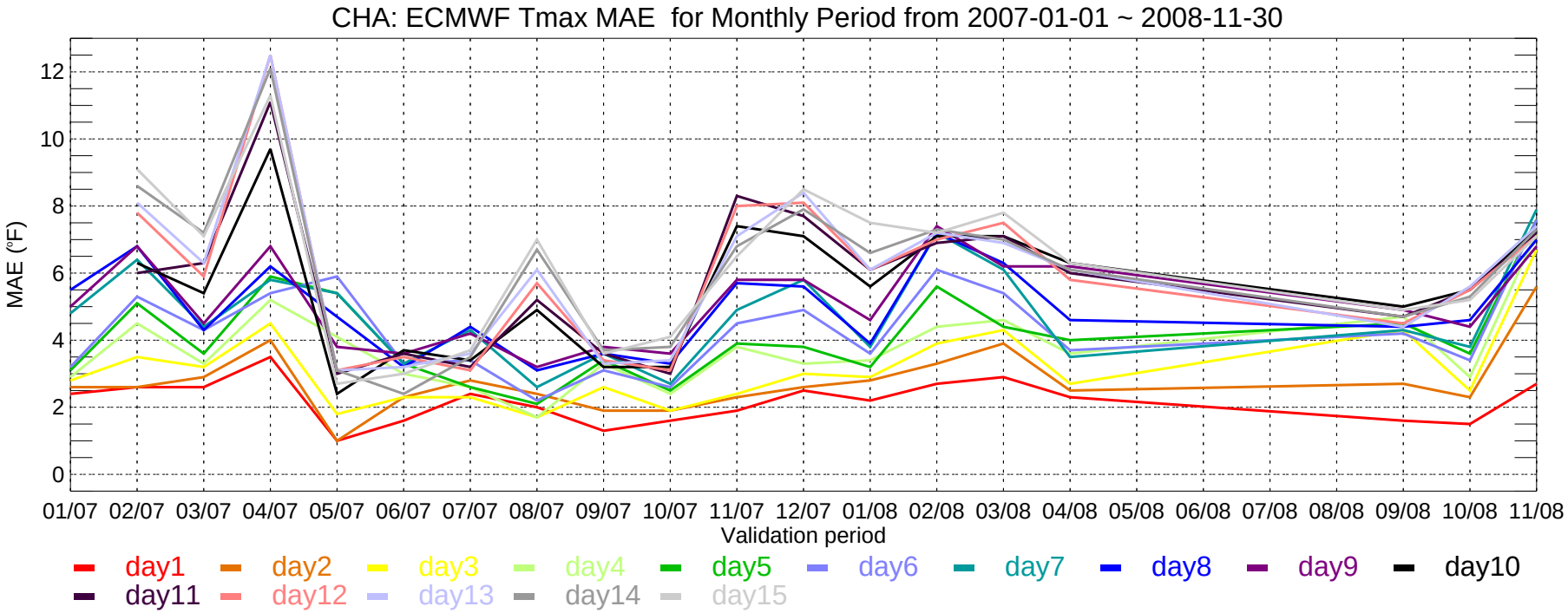
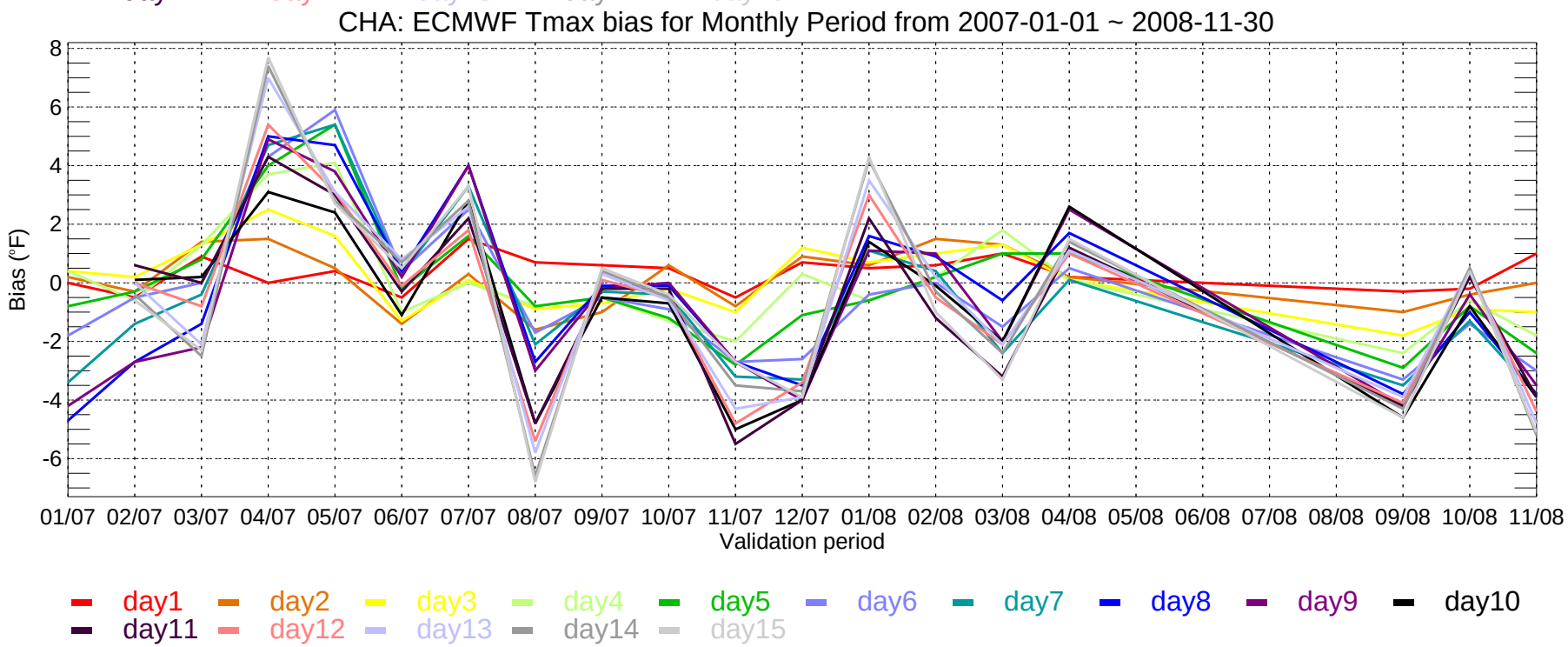

CHA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CHA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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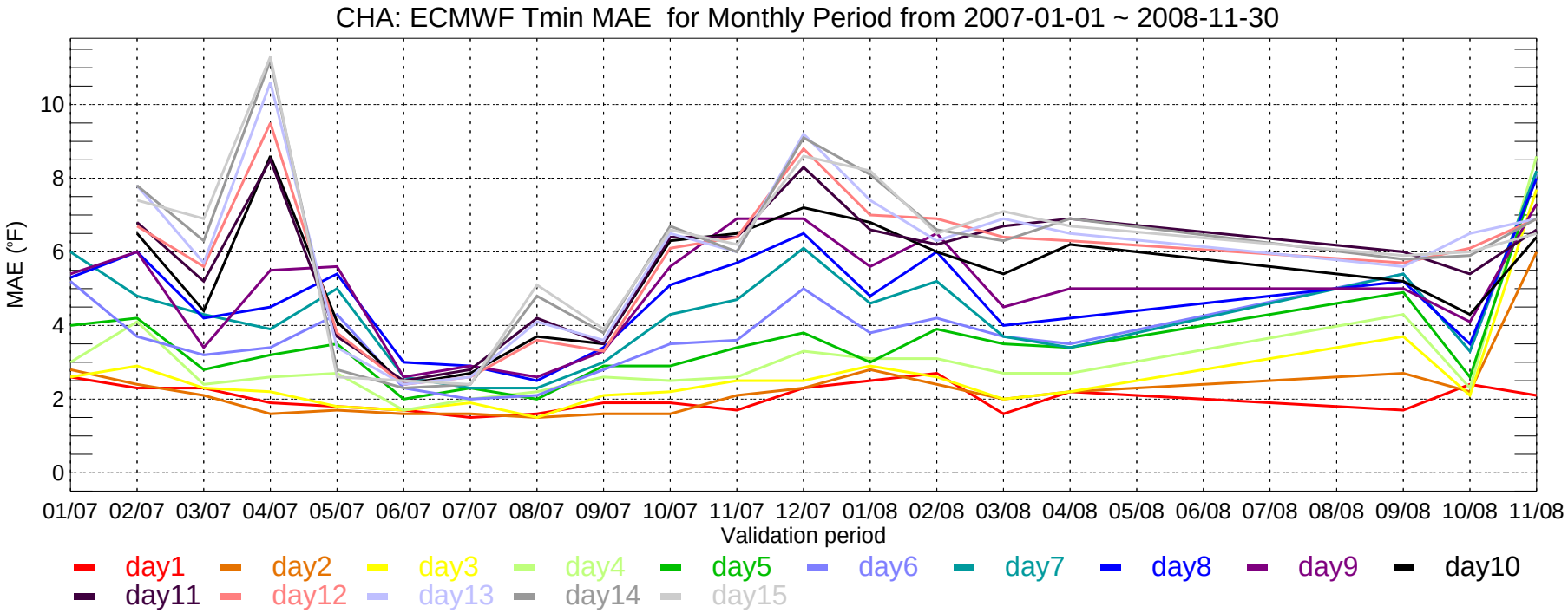
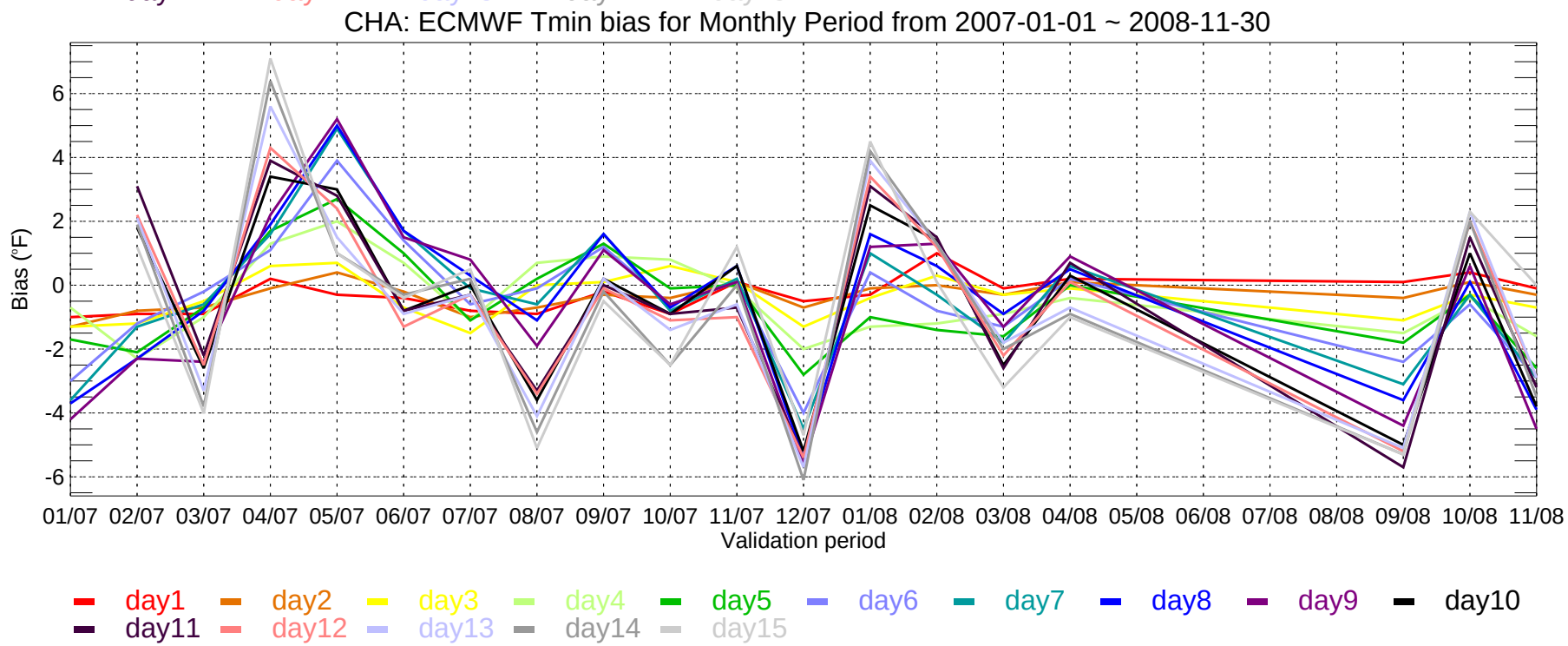
day11 day12 day13 day14 day15


CHA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CHA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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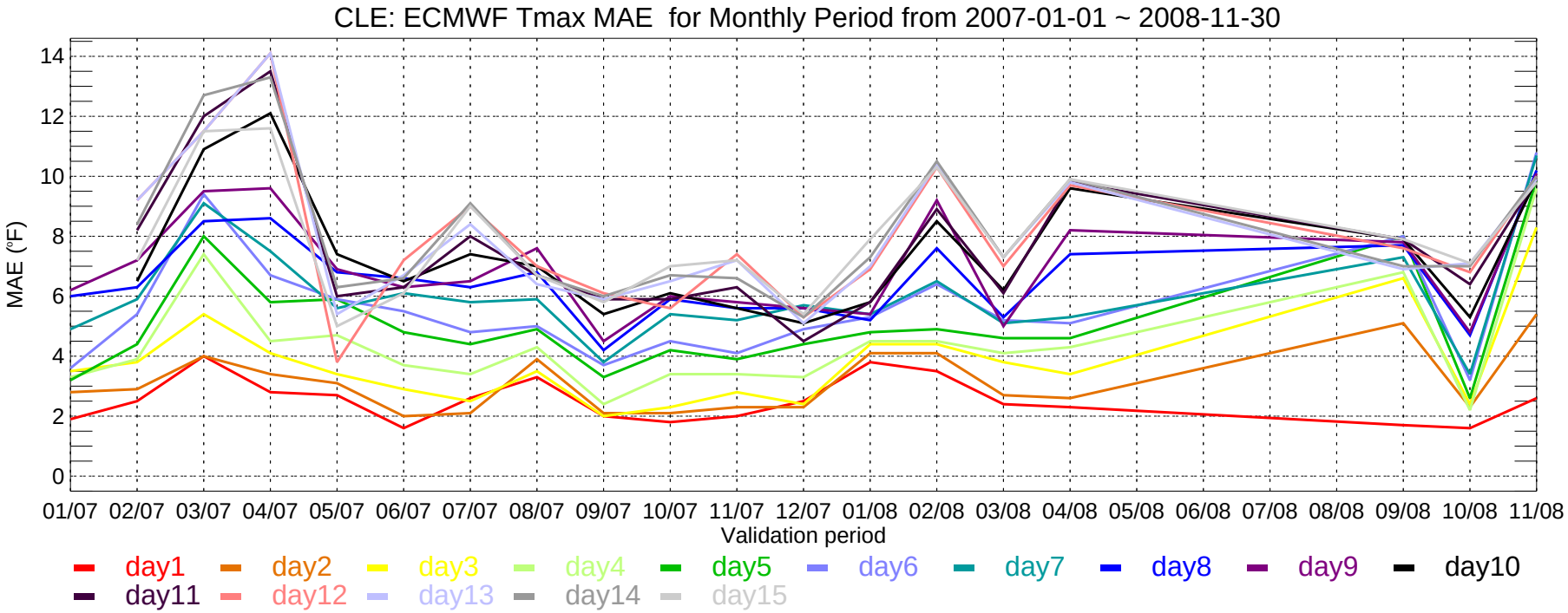
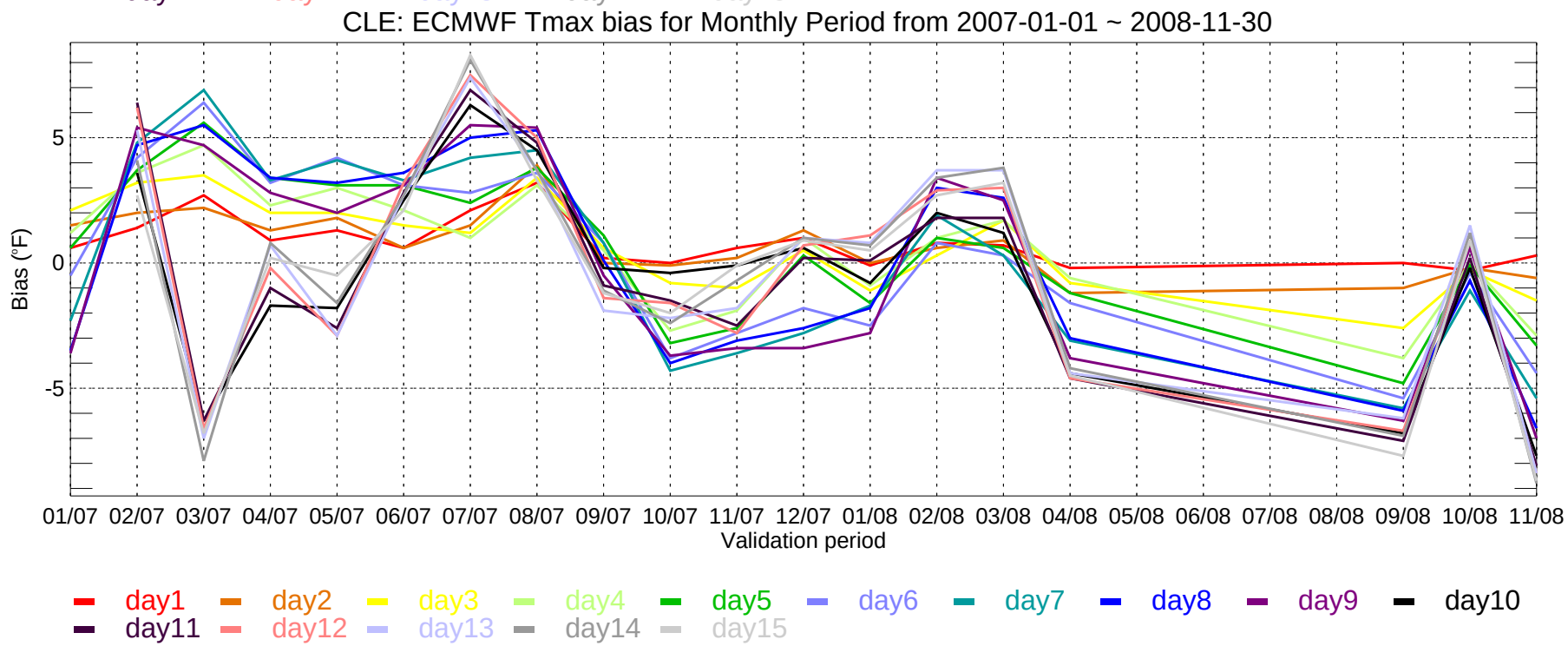
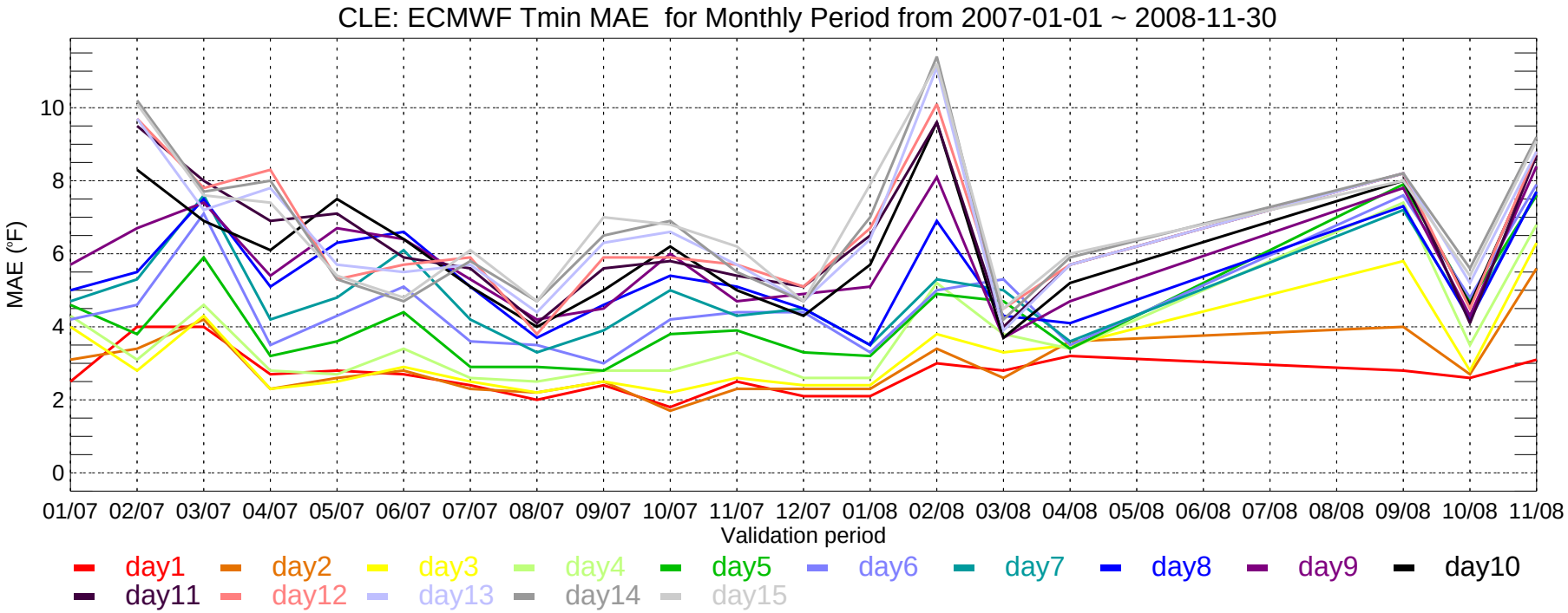
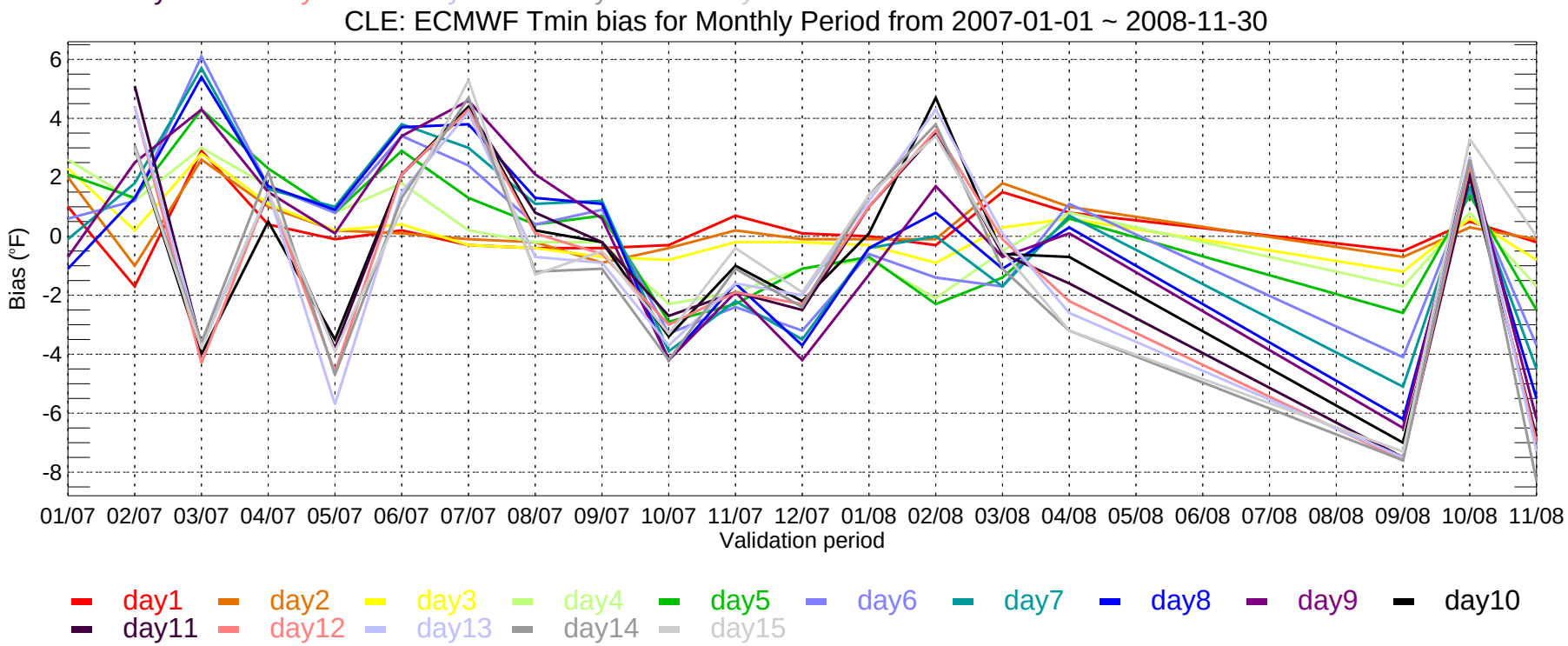
day11 day12 day13 day14 day15


CLE: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CLE: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CLE: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CLE: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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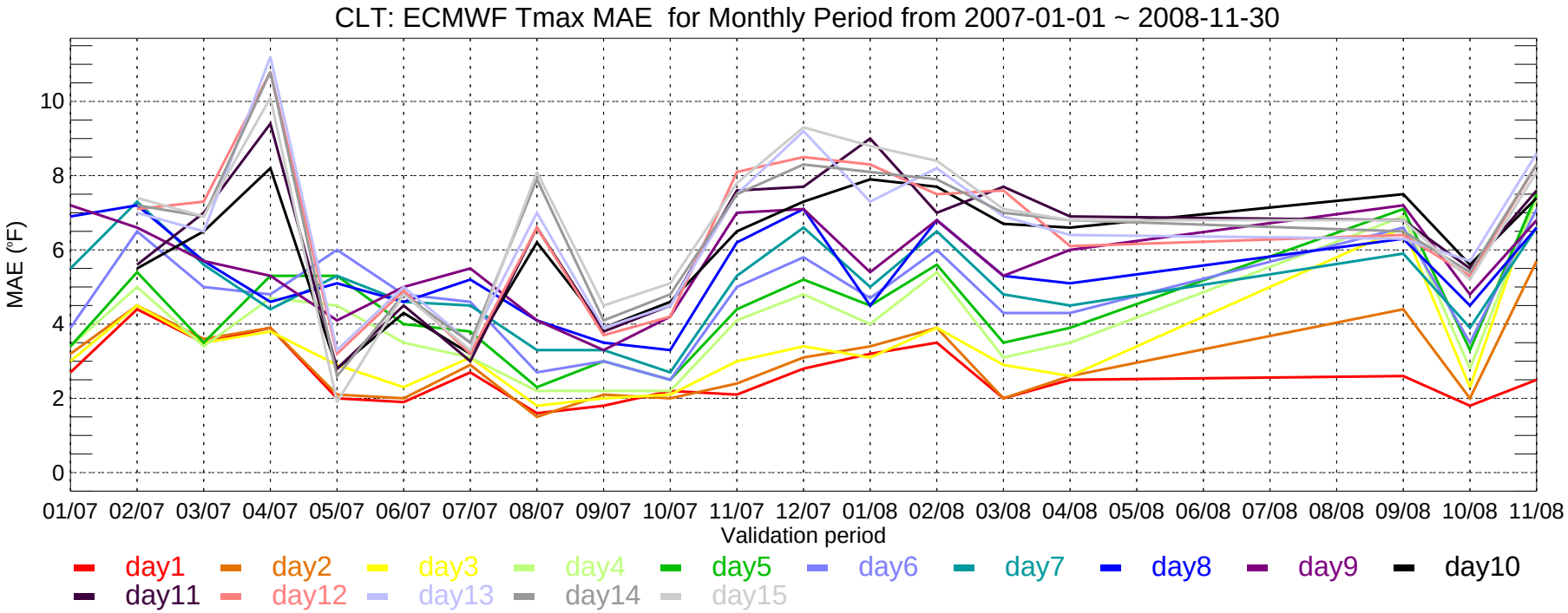
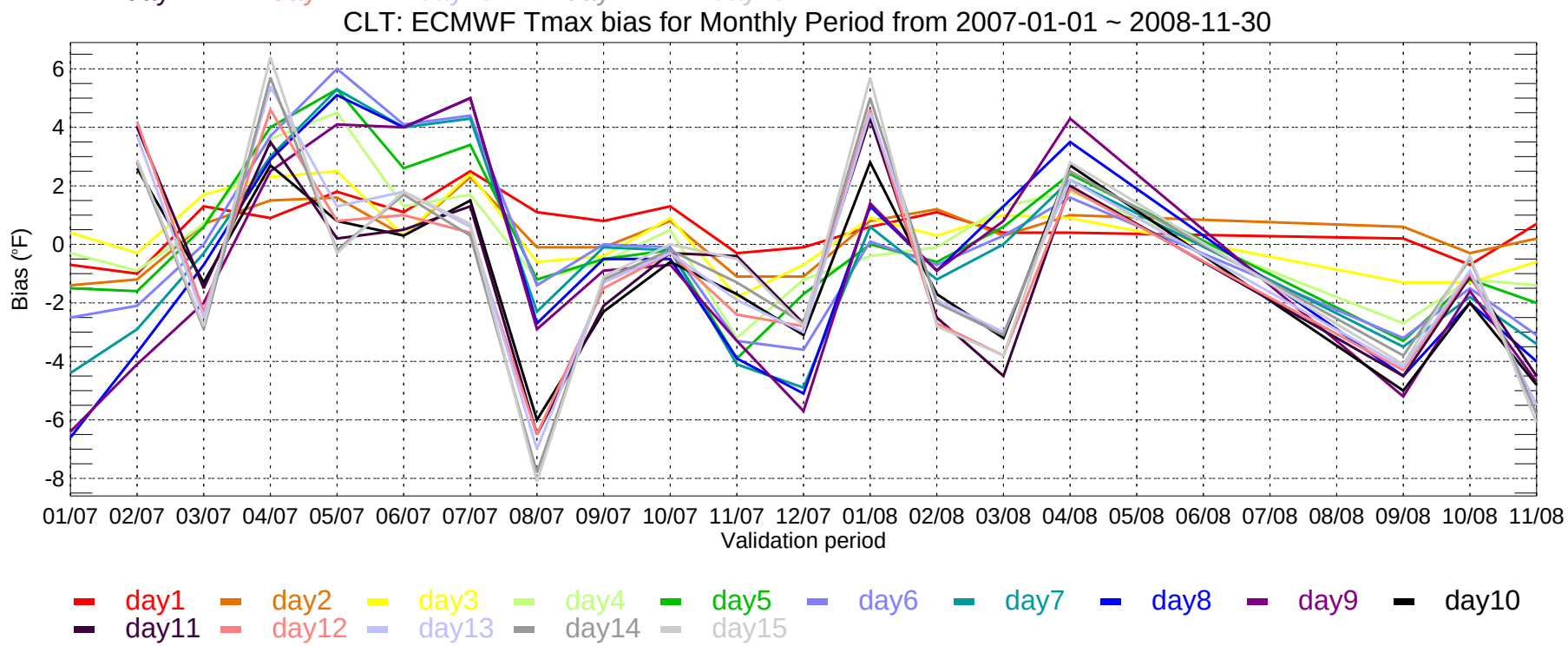
day11 day12 day13 day14 day15


CLT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CLT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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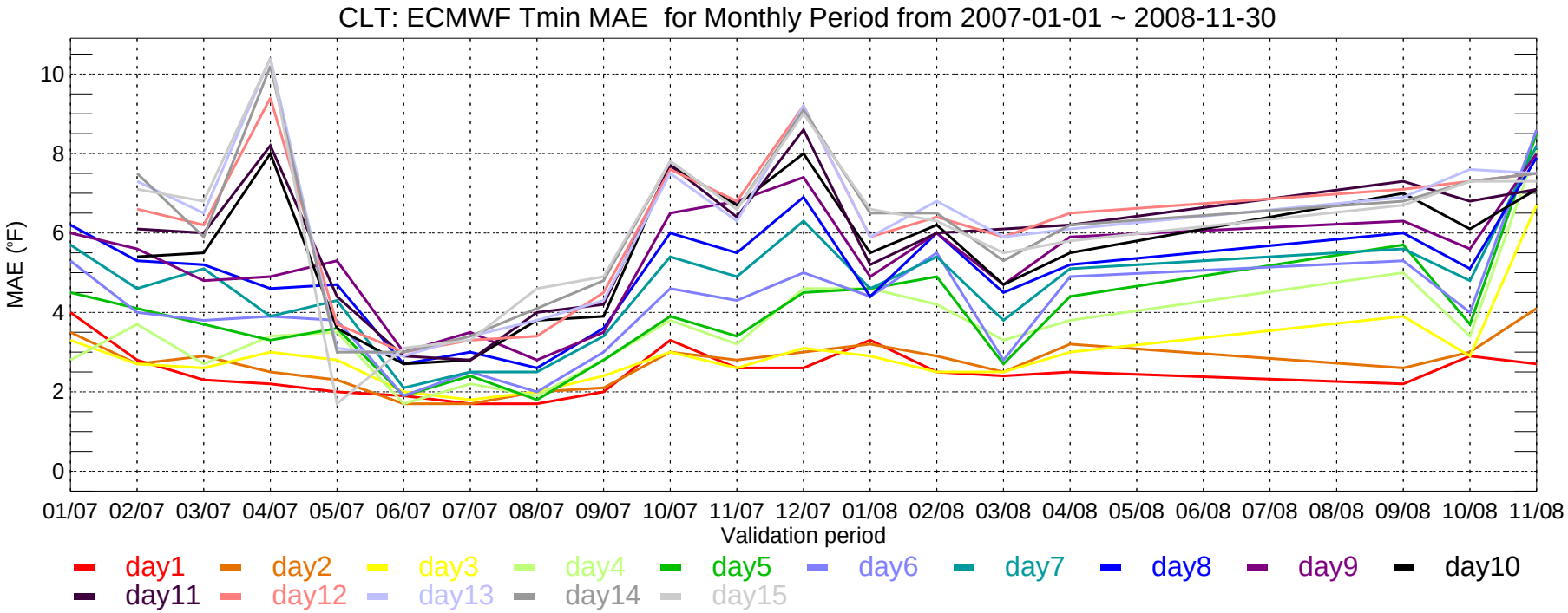
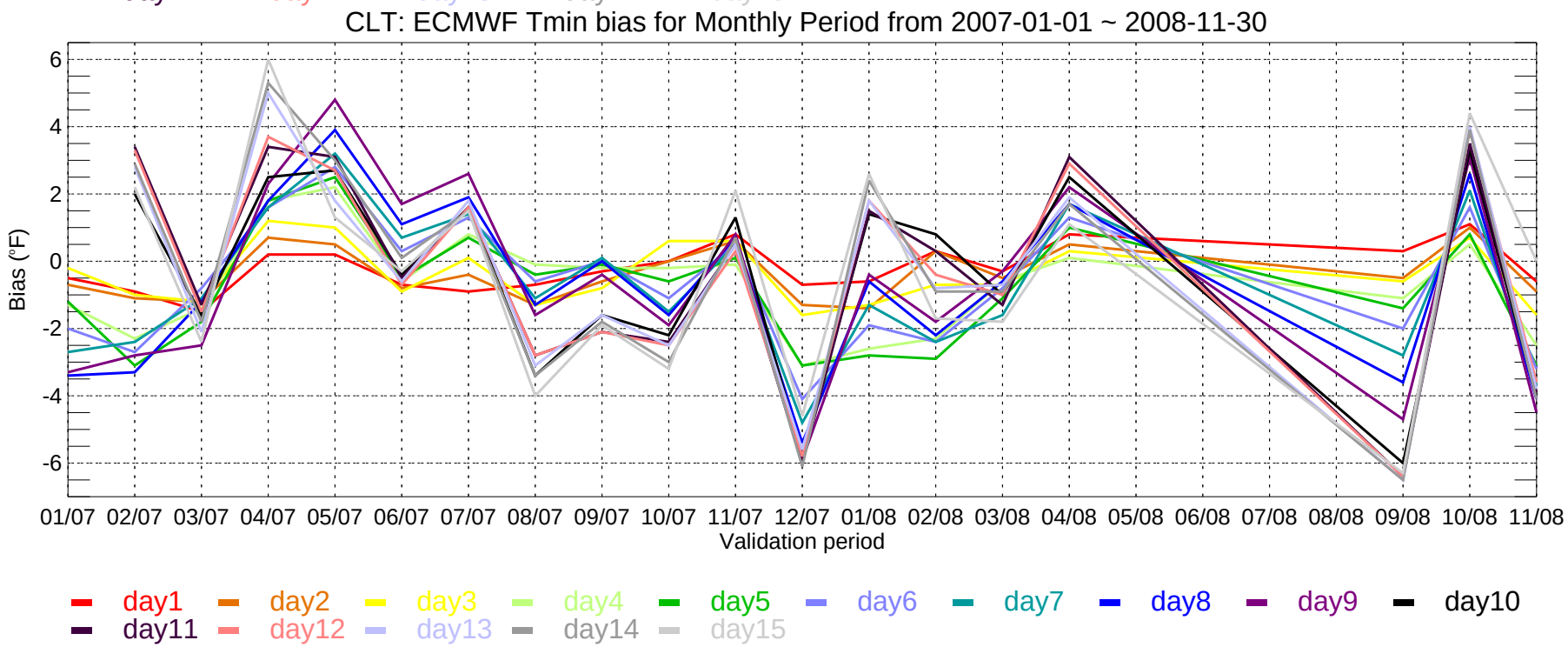
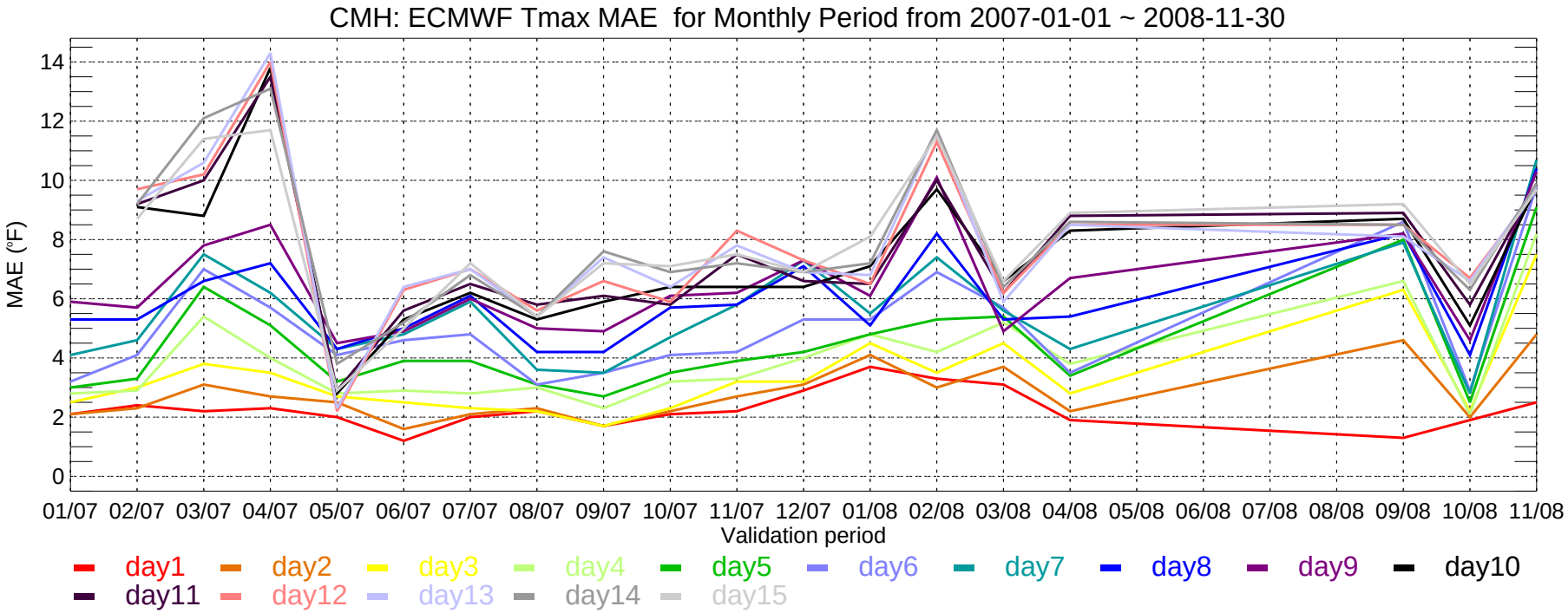
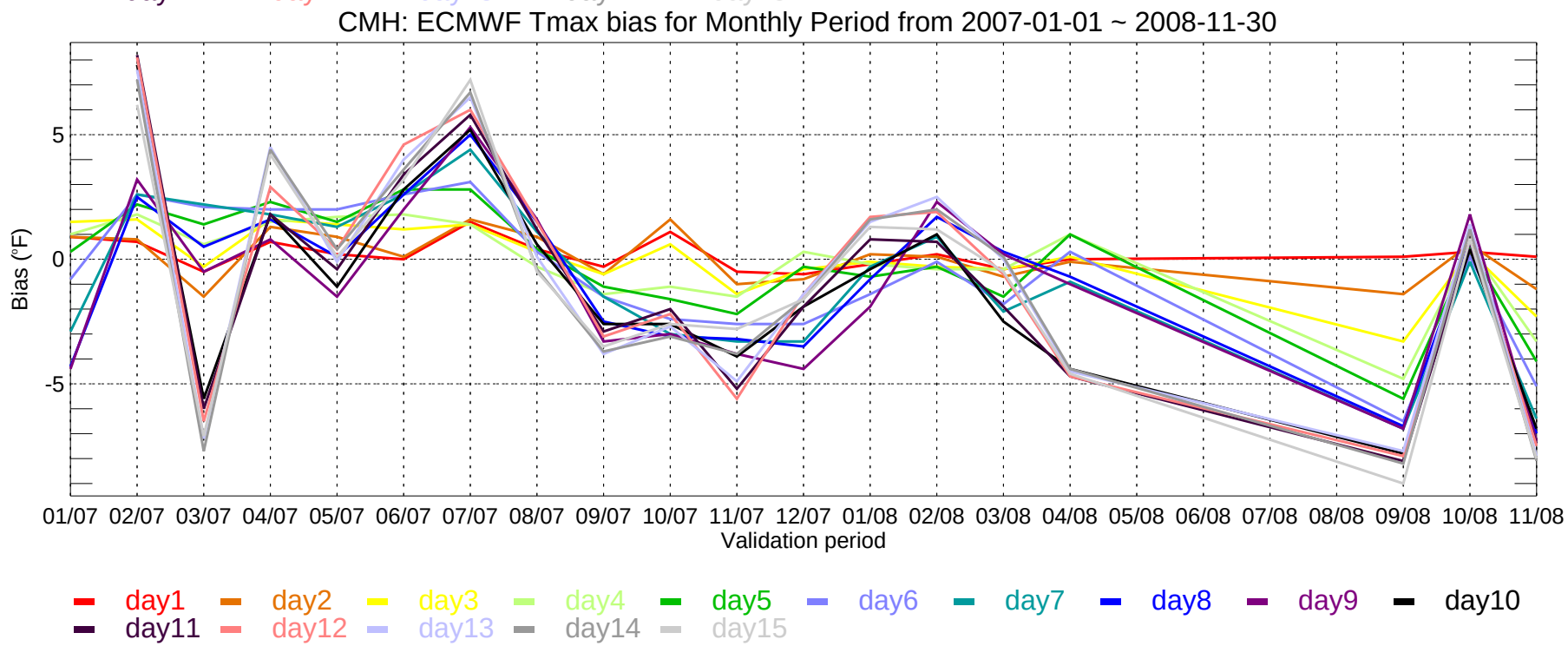
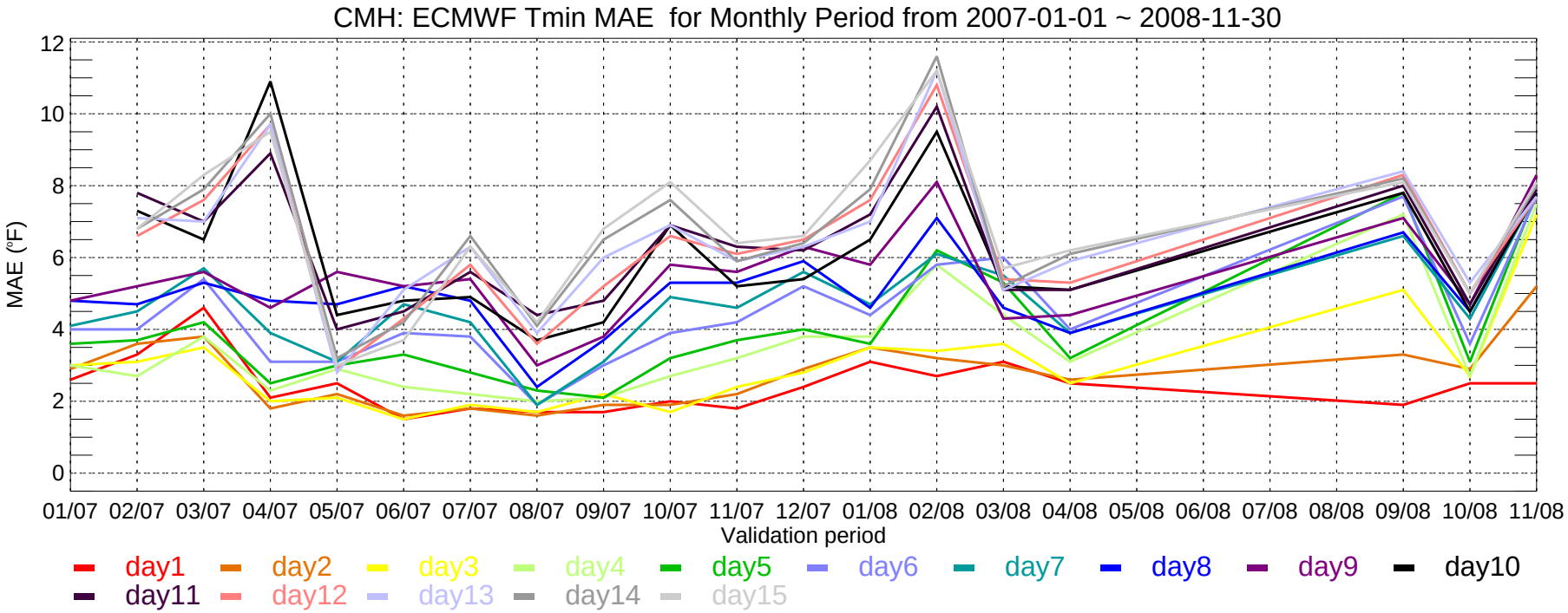
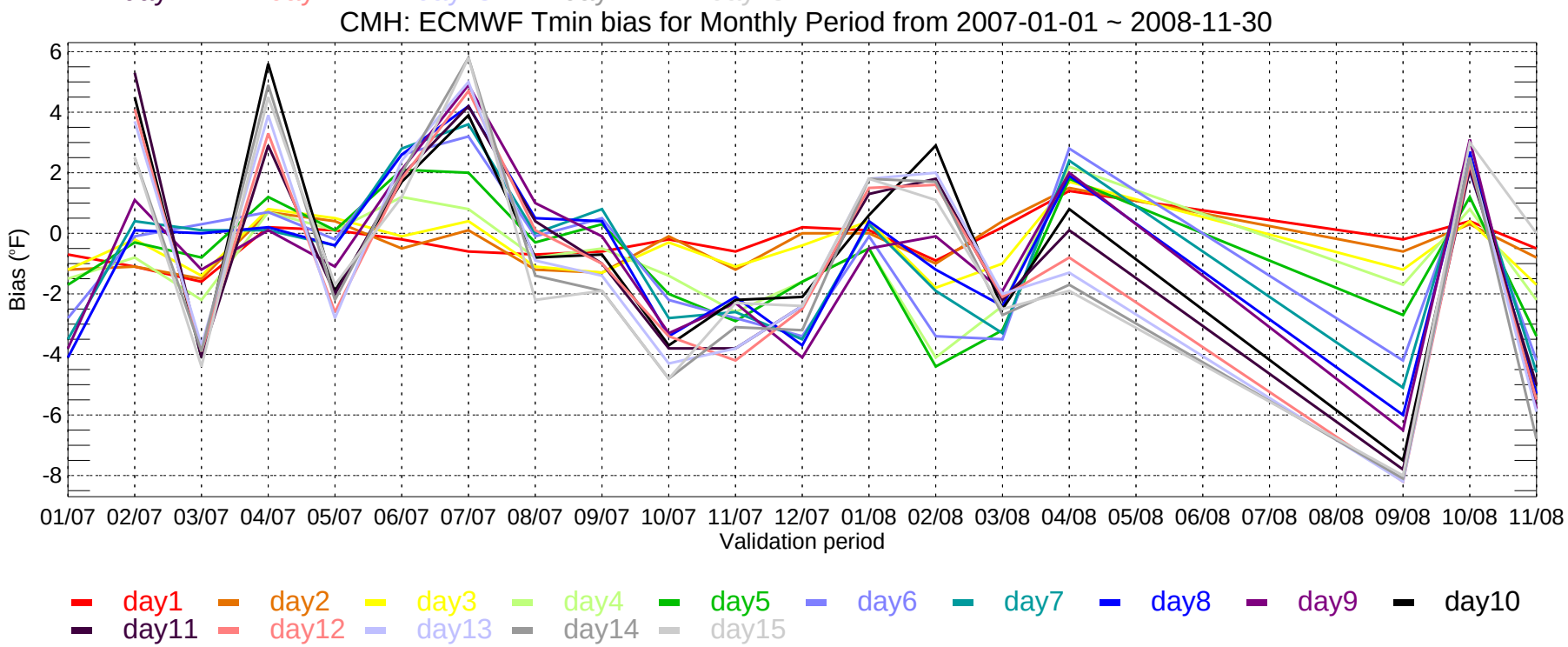

CLT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

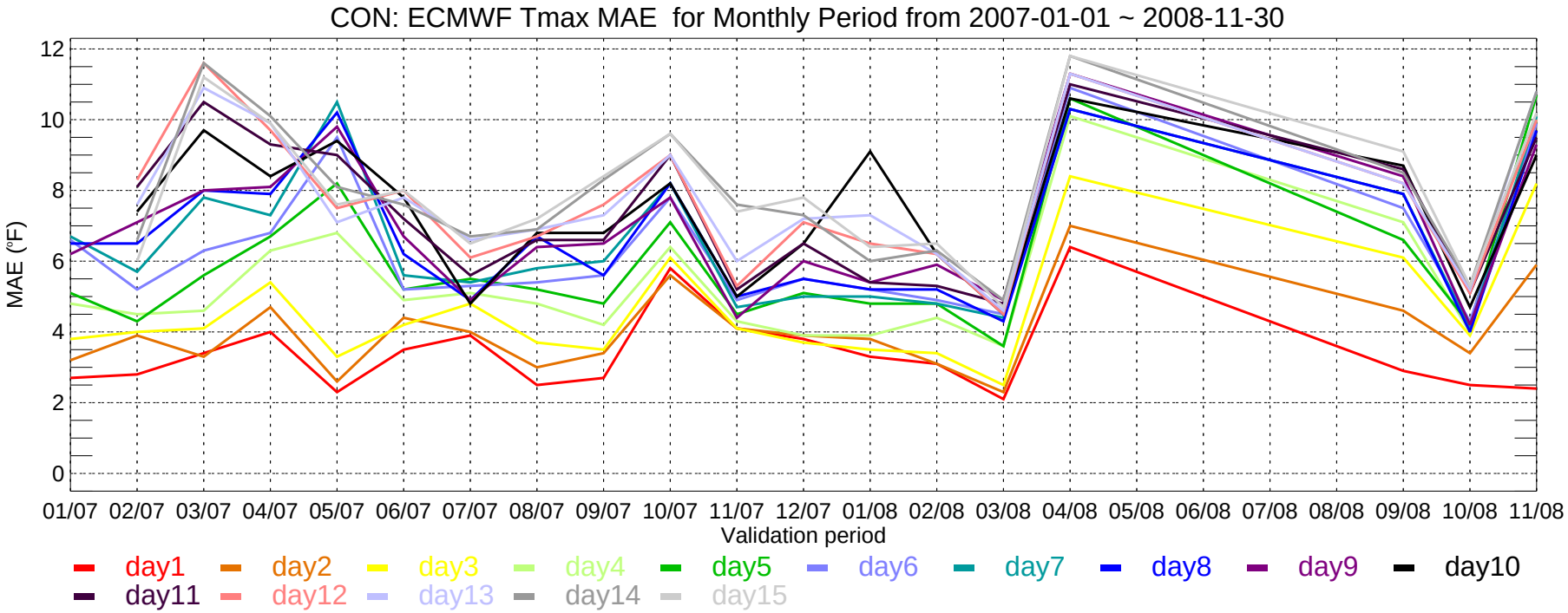

CLT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CMH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CMH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CMH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CMH: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CON: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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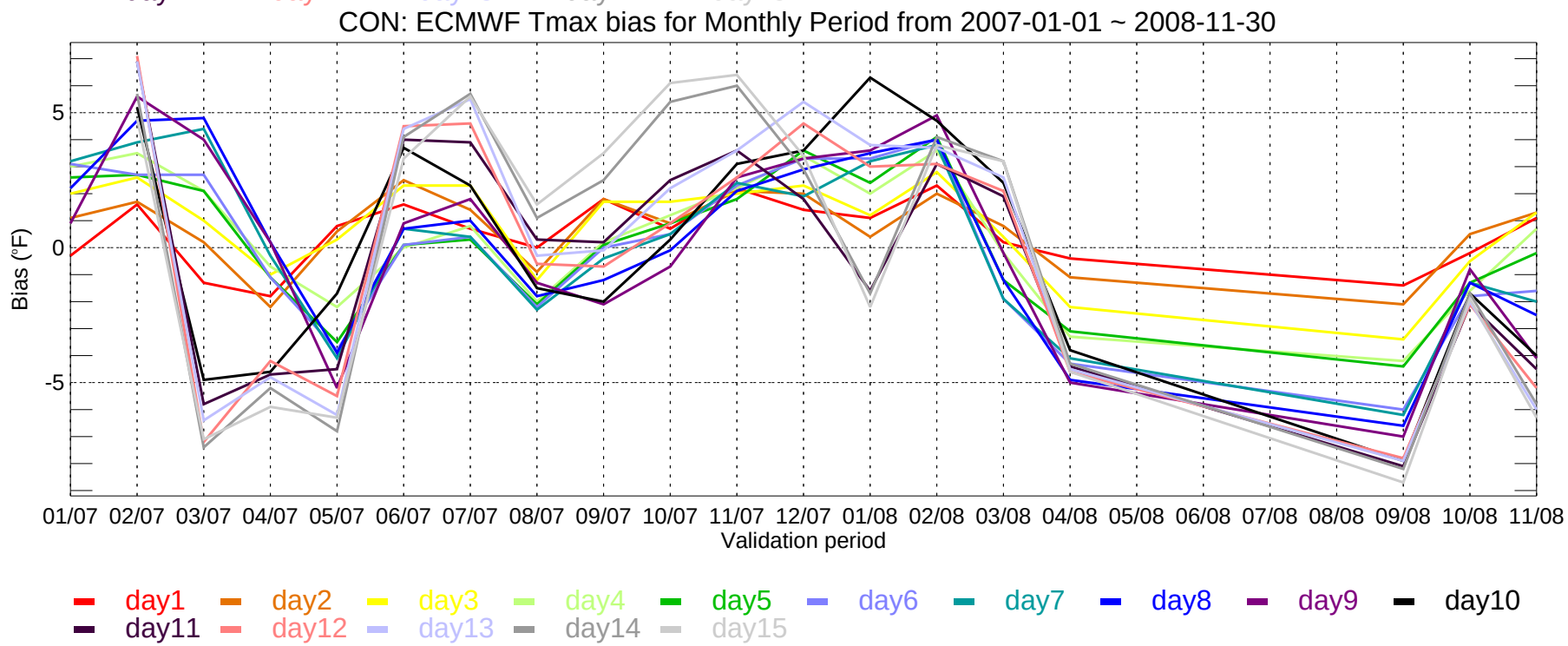
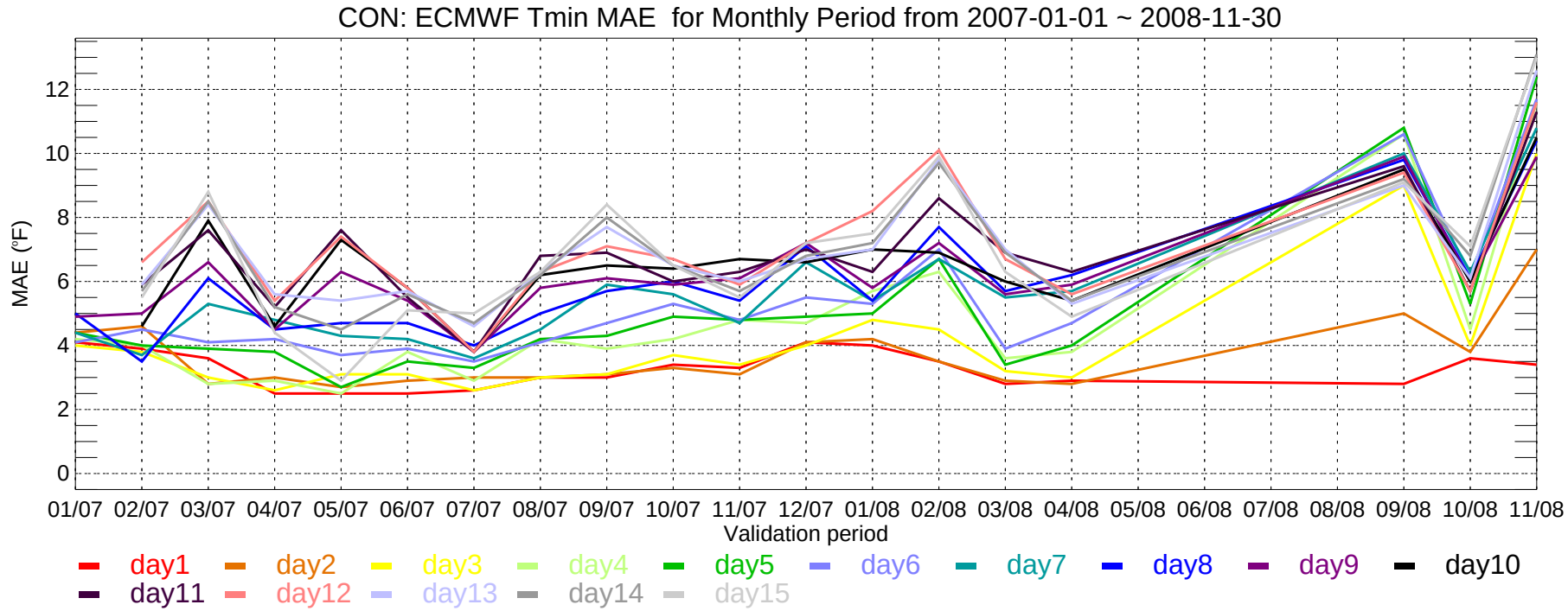
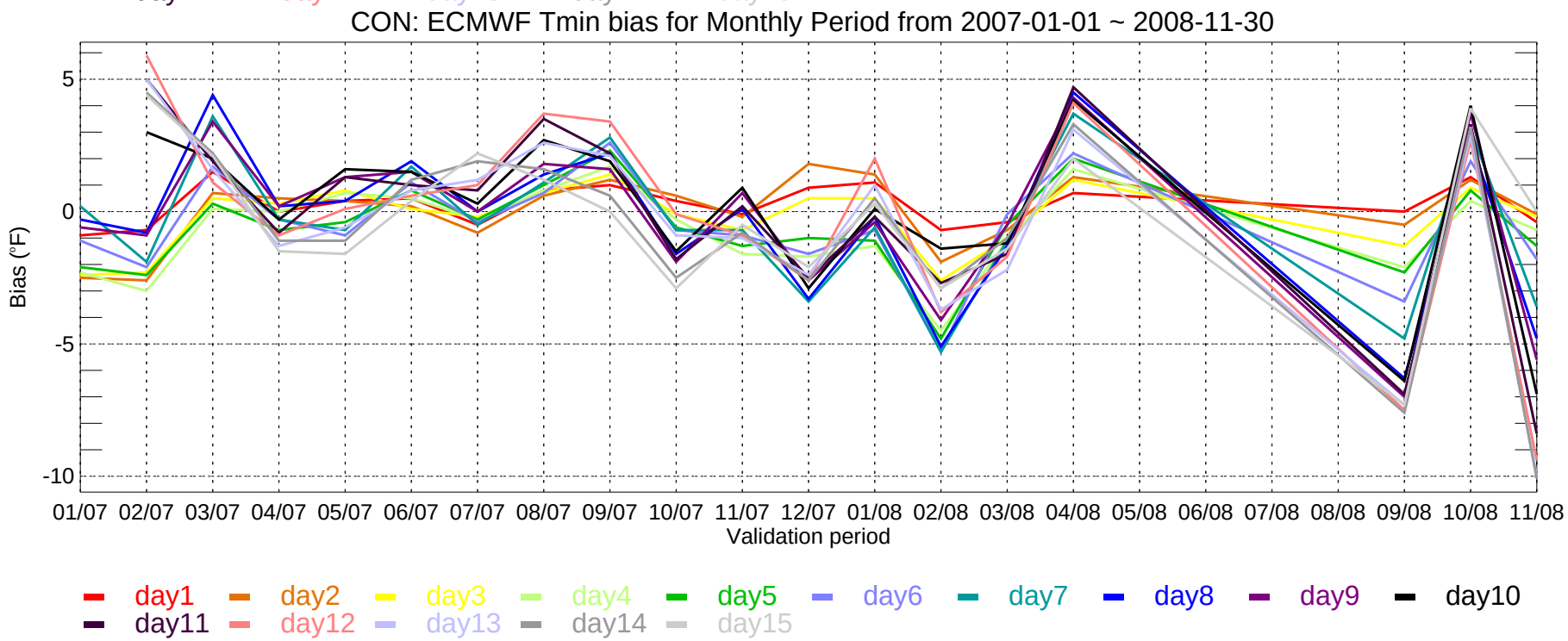
day11 day12 day13 day14 day15


CON: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CON: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CON: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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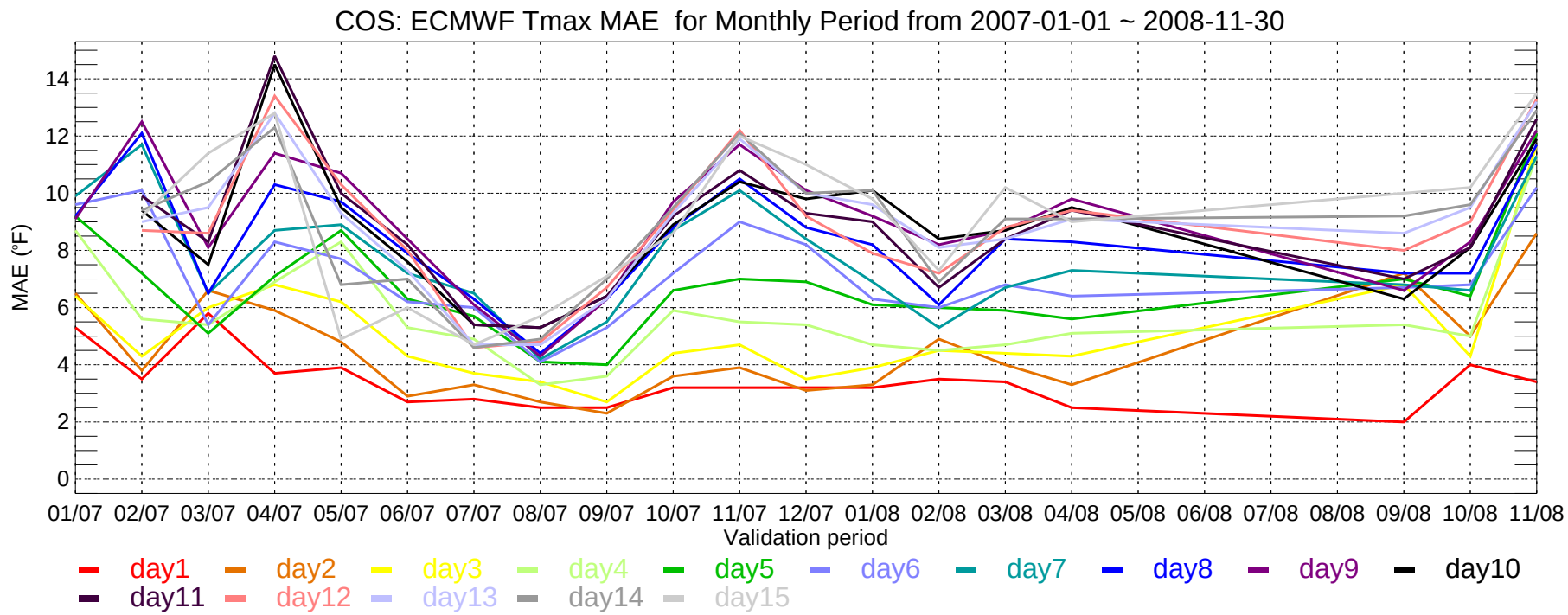
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


COS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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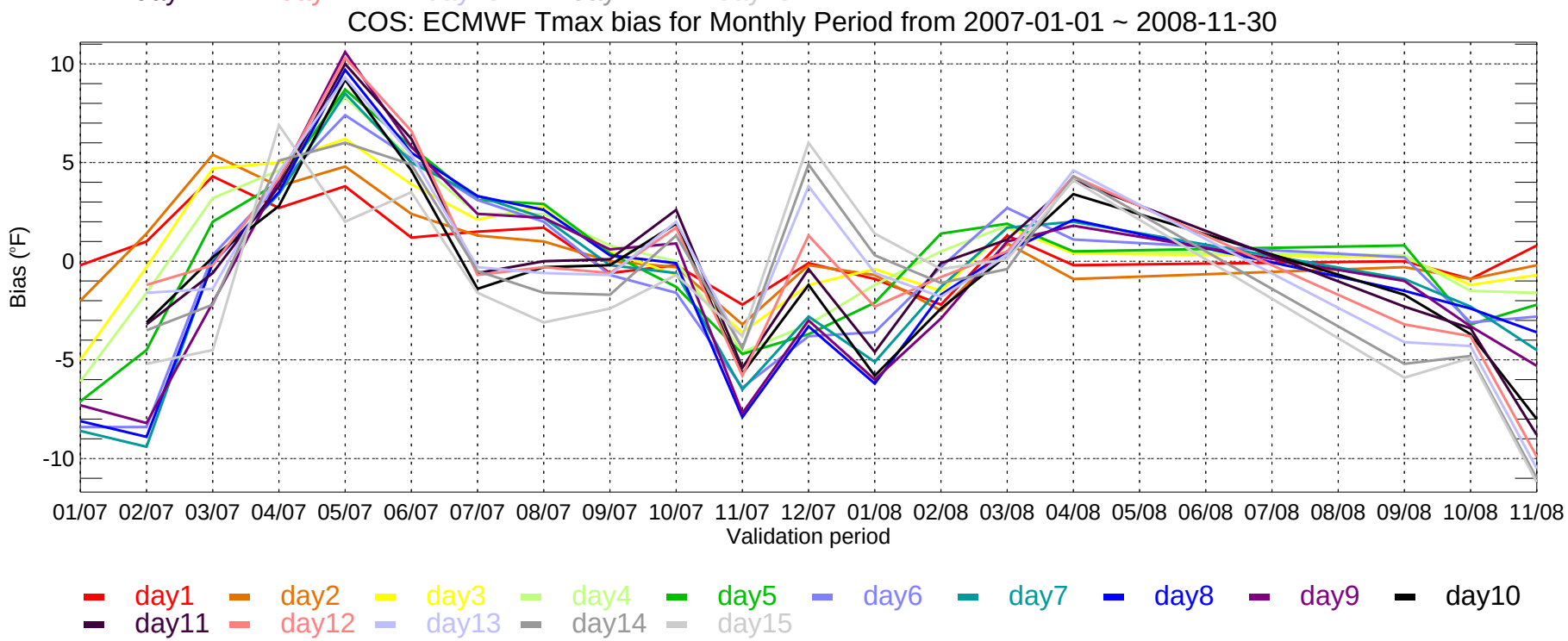
day11 day12 day13 day14 day15


COS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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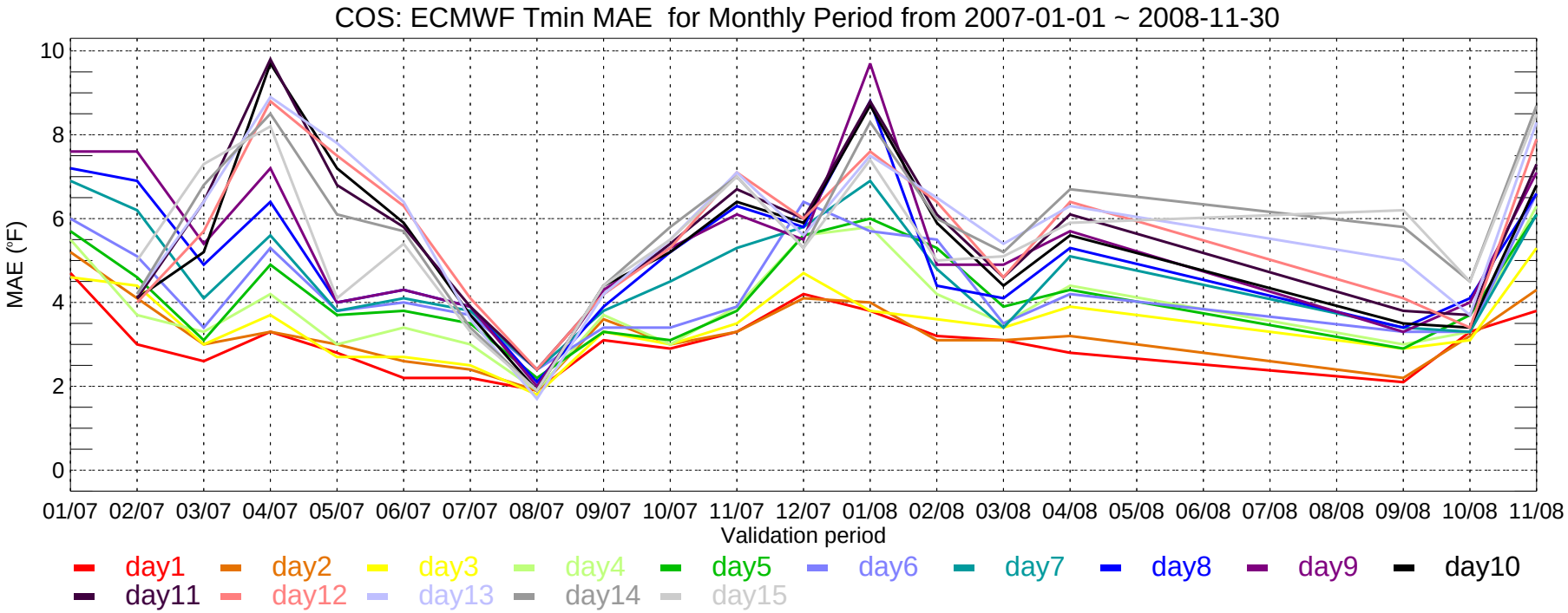
day11 day12 day13 day14 day15


COS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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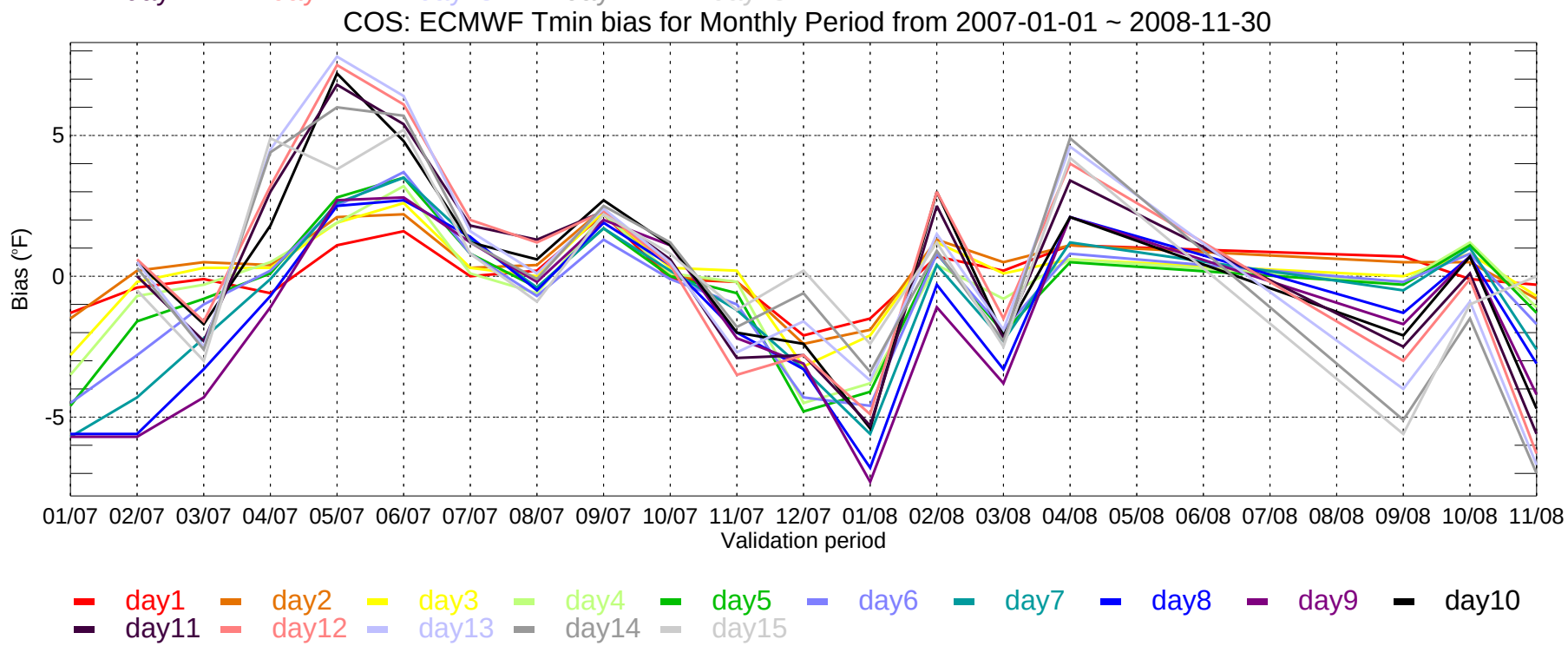
COS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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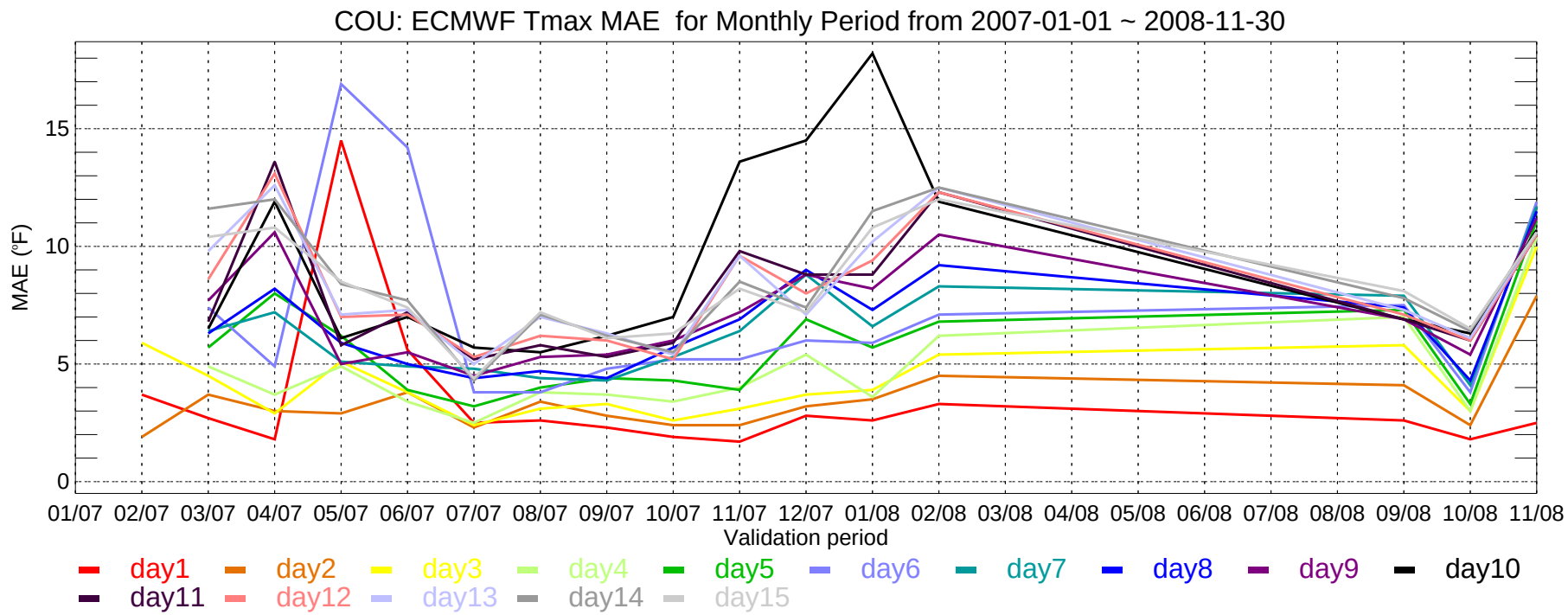
day11 day12 day13 day14 day15


COU: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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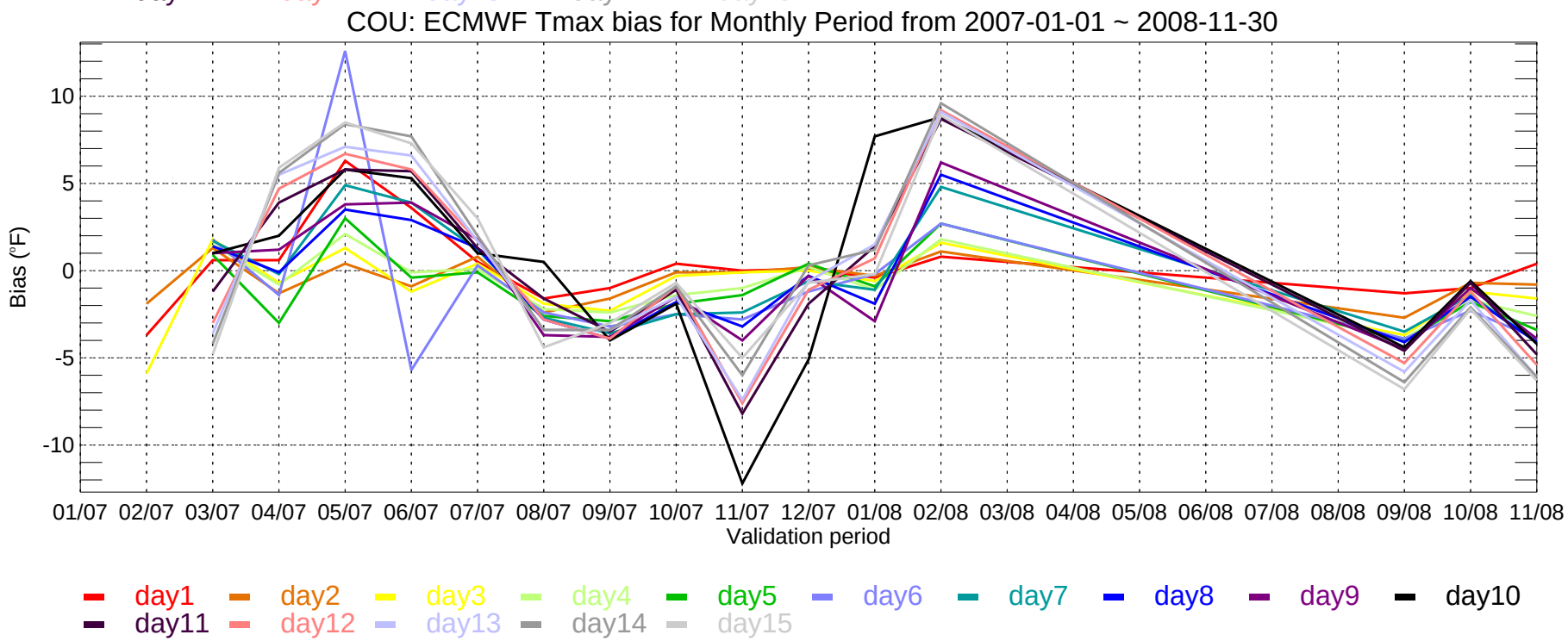
day11 day12 day13 day14 day15


COU: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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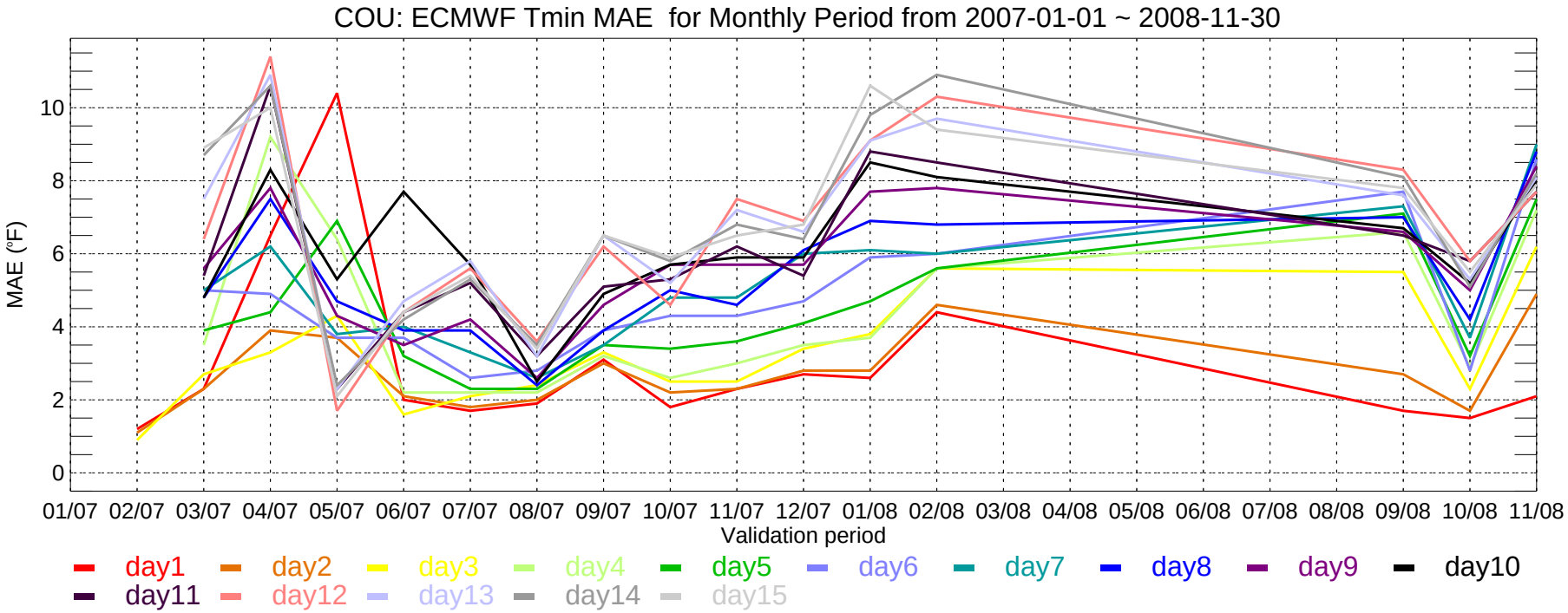
COU: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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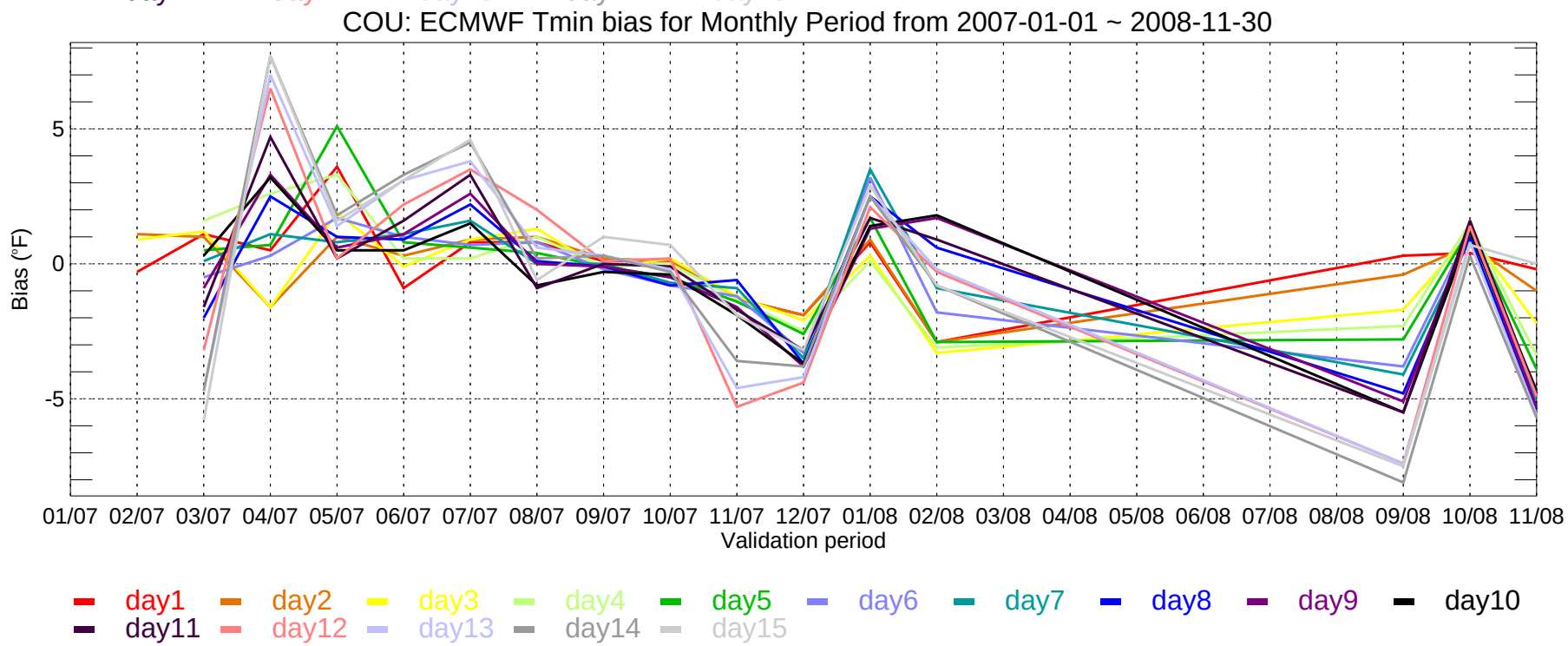
day11 day12 day13 day14 day15


COU: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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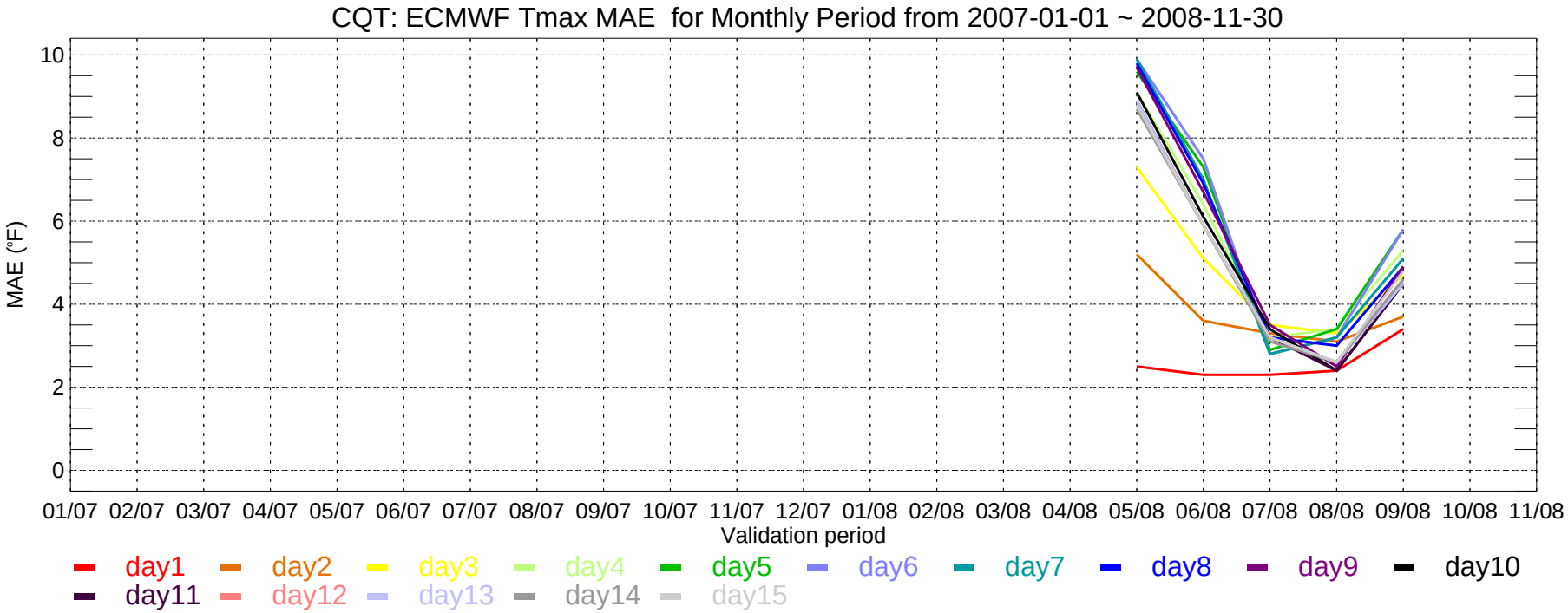
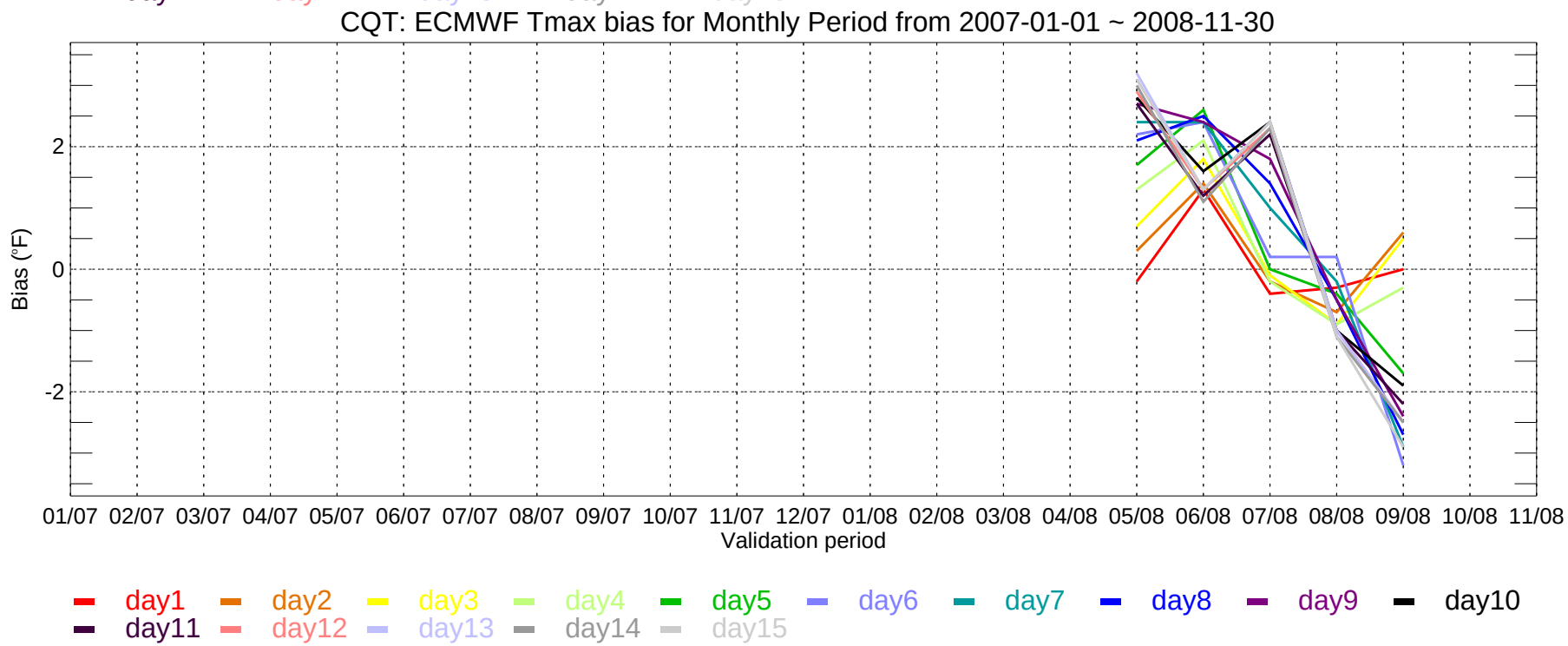
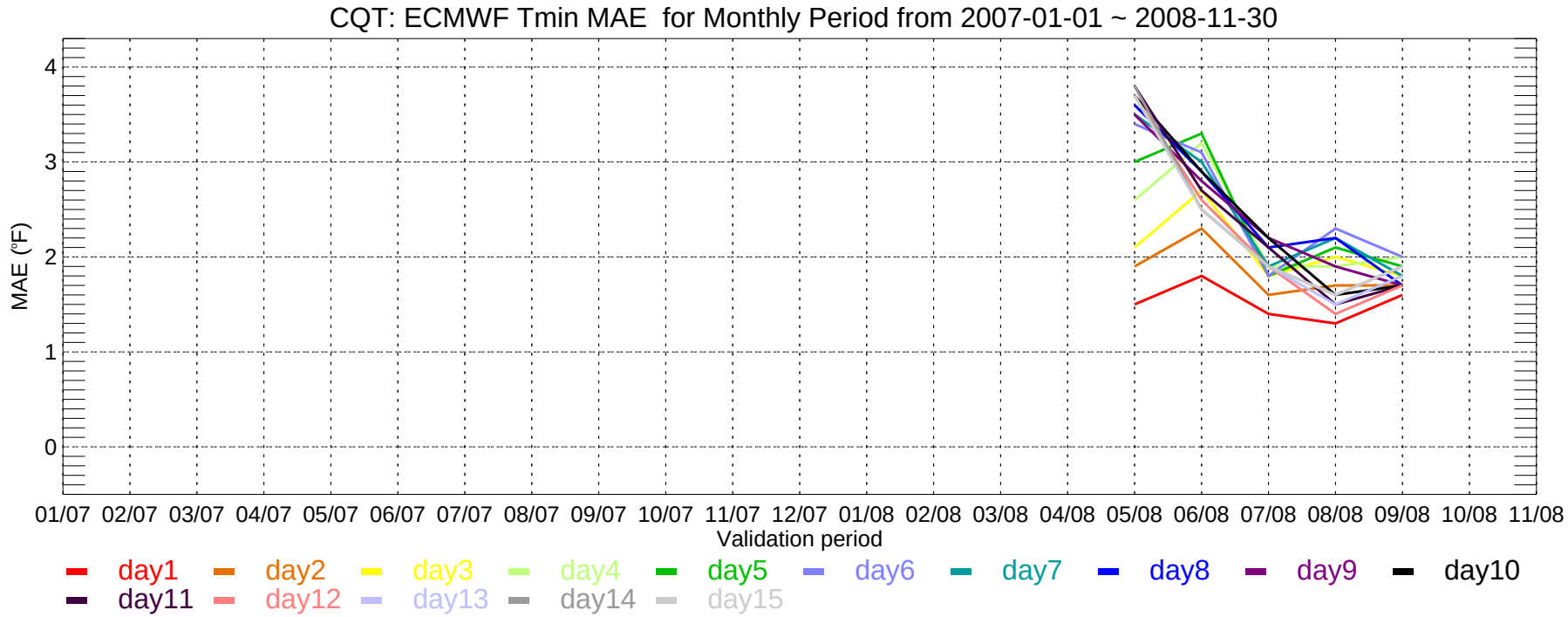
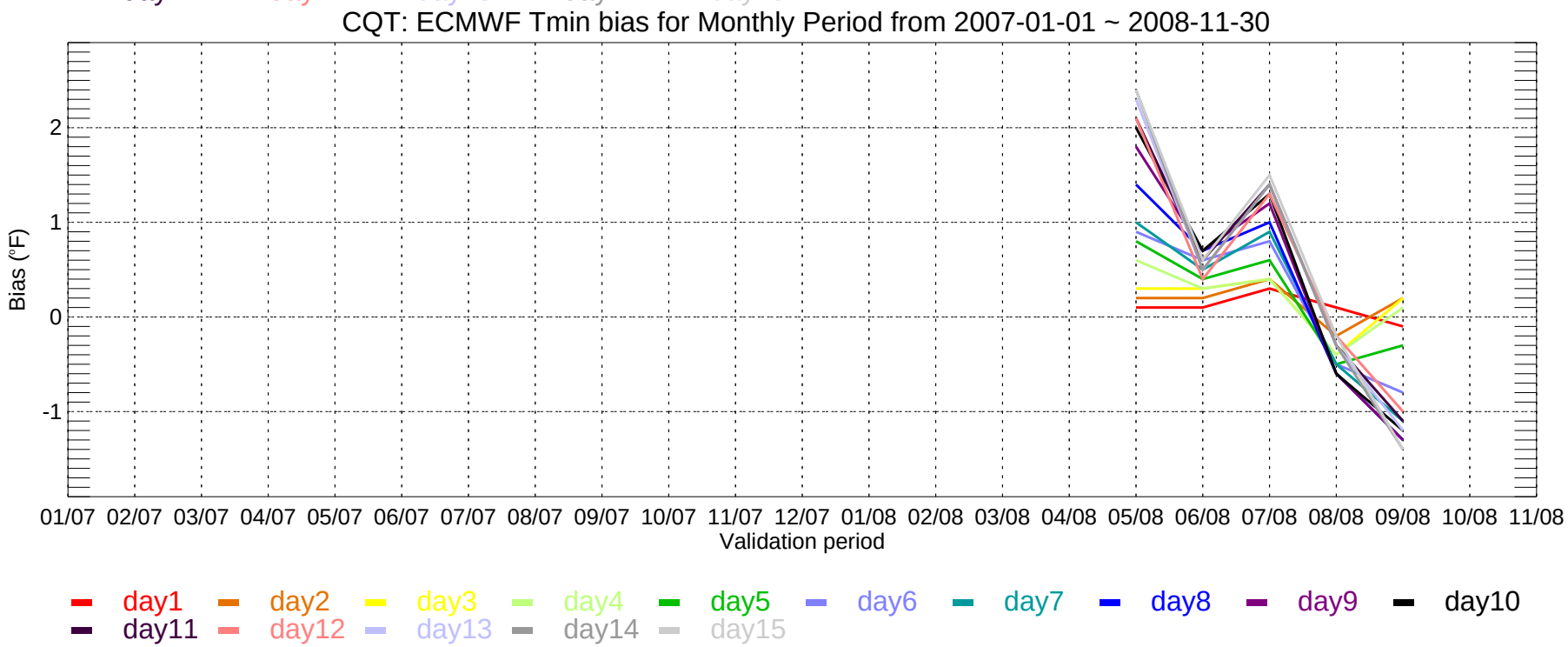
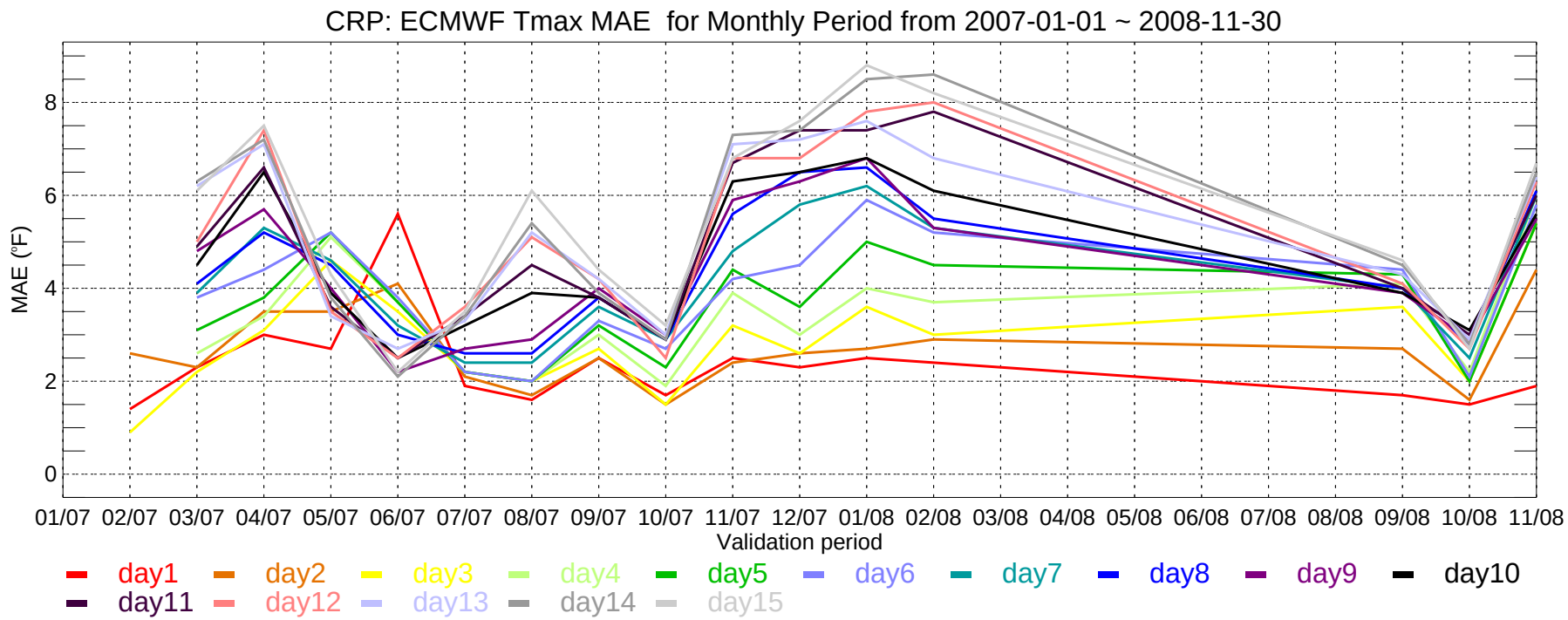
day11 day12 day13 day14 day15

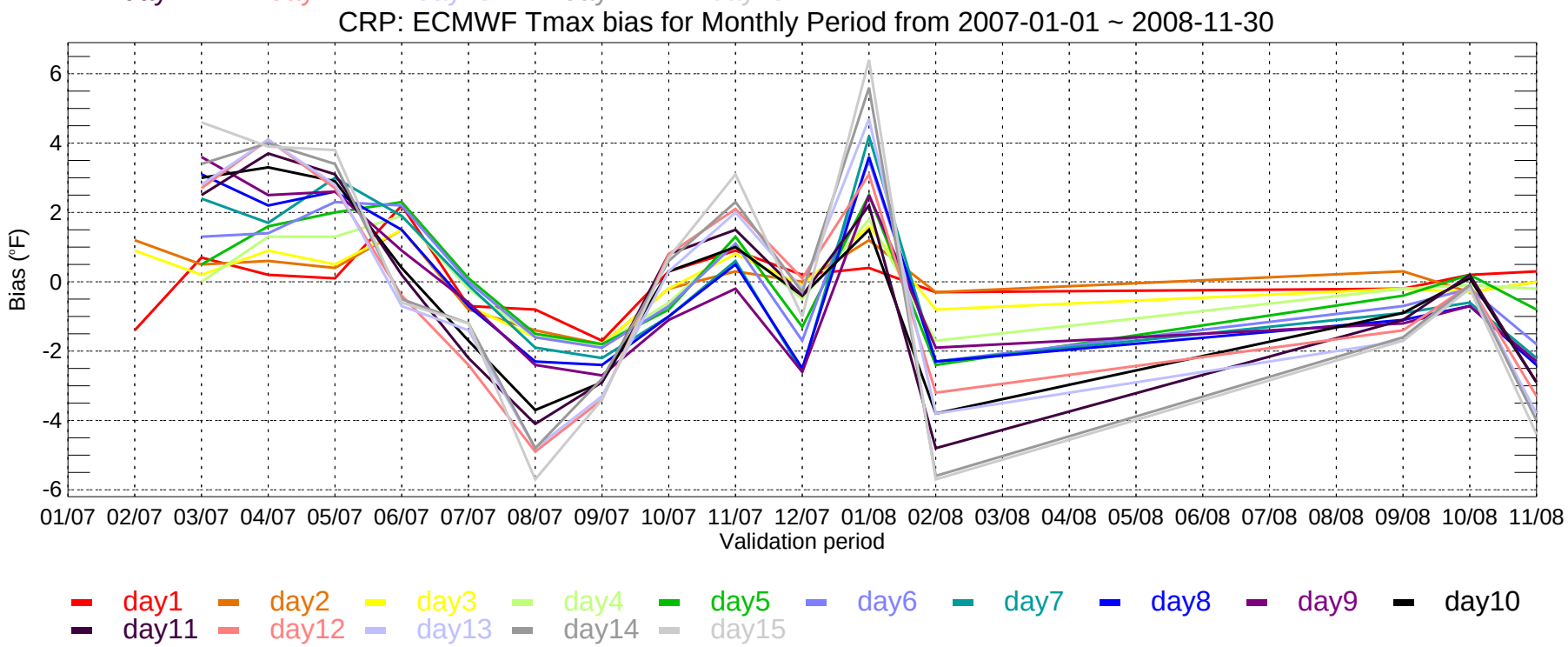

CQT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

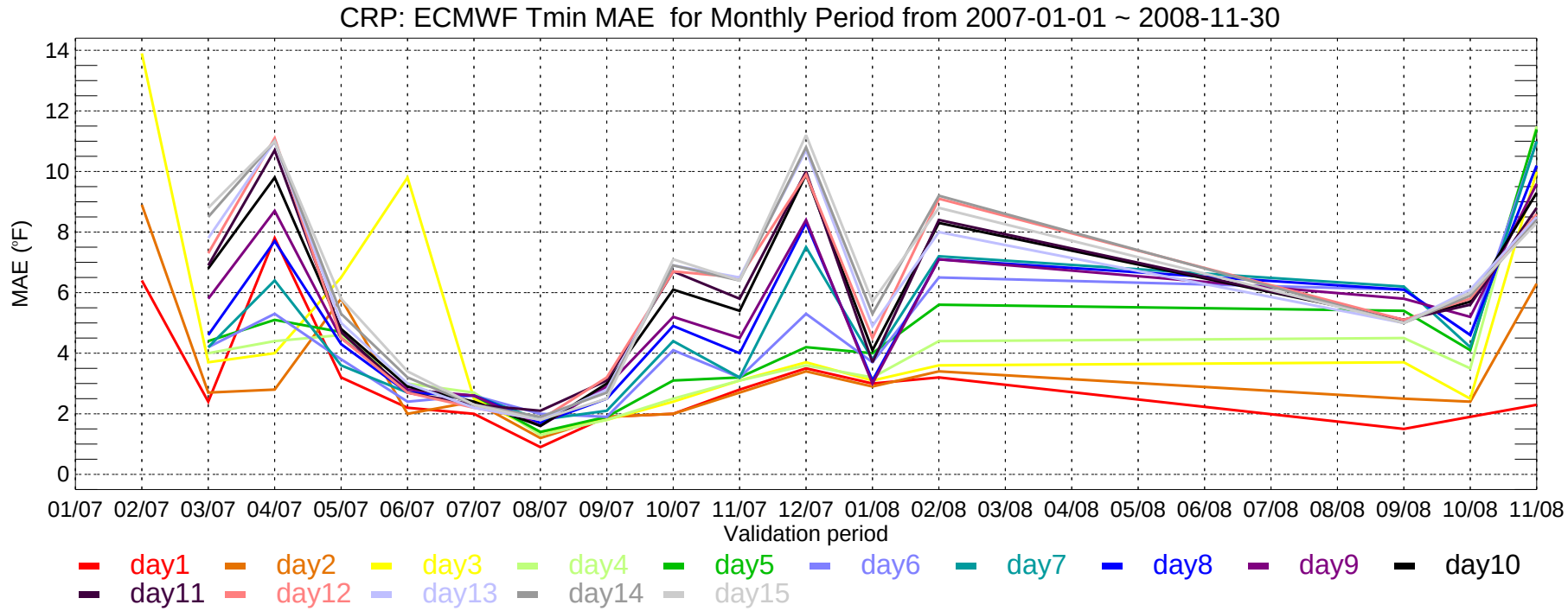

CQT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
0
-2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

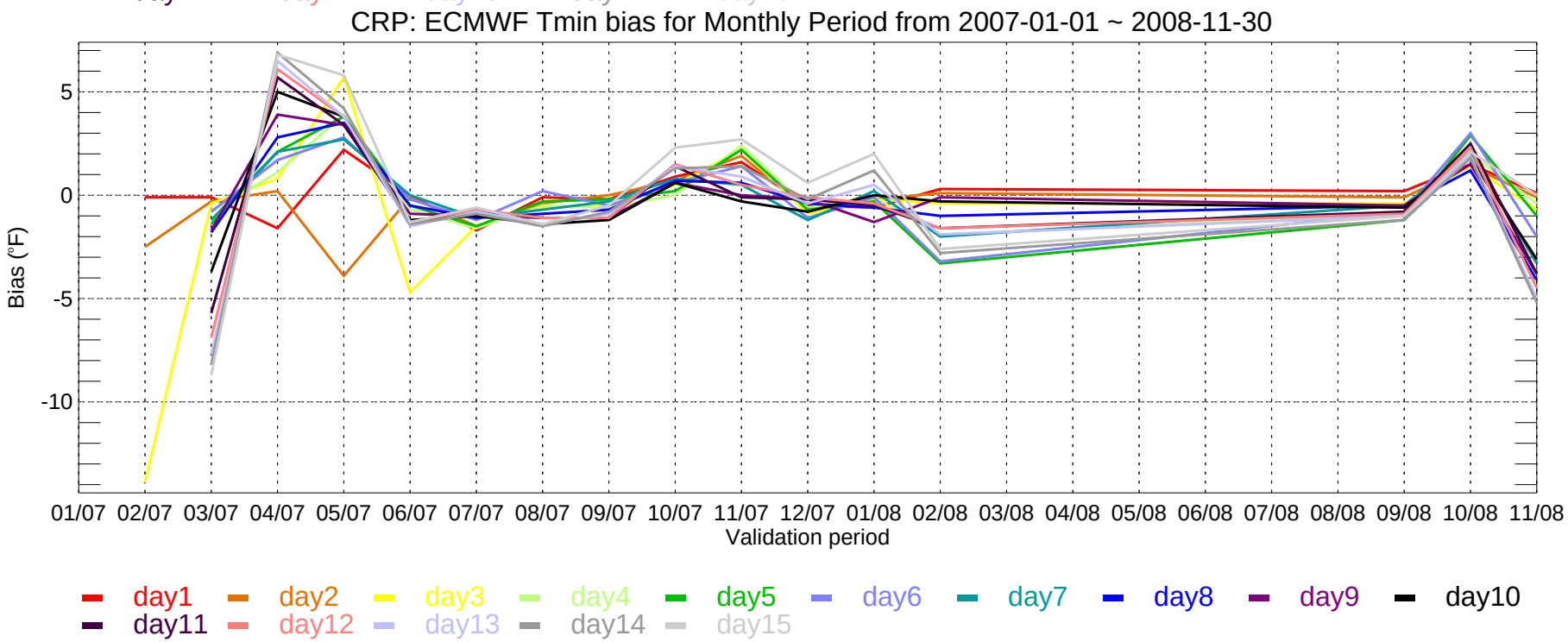

CQT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
4
3
2
1
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

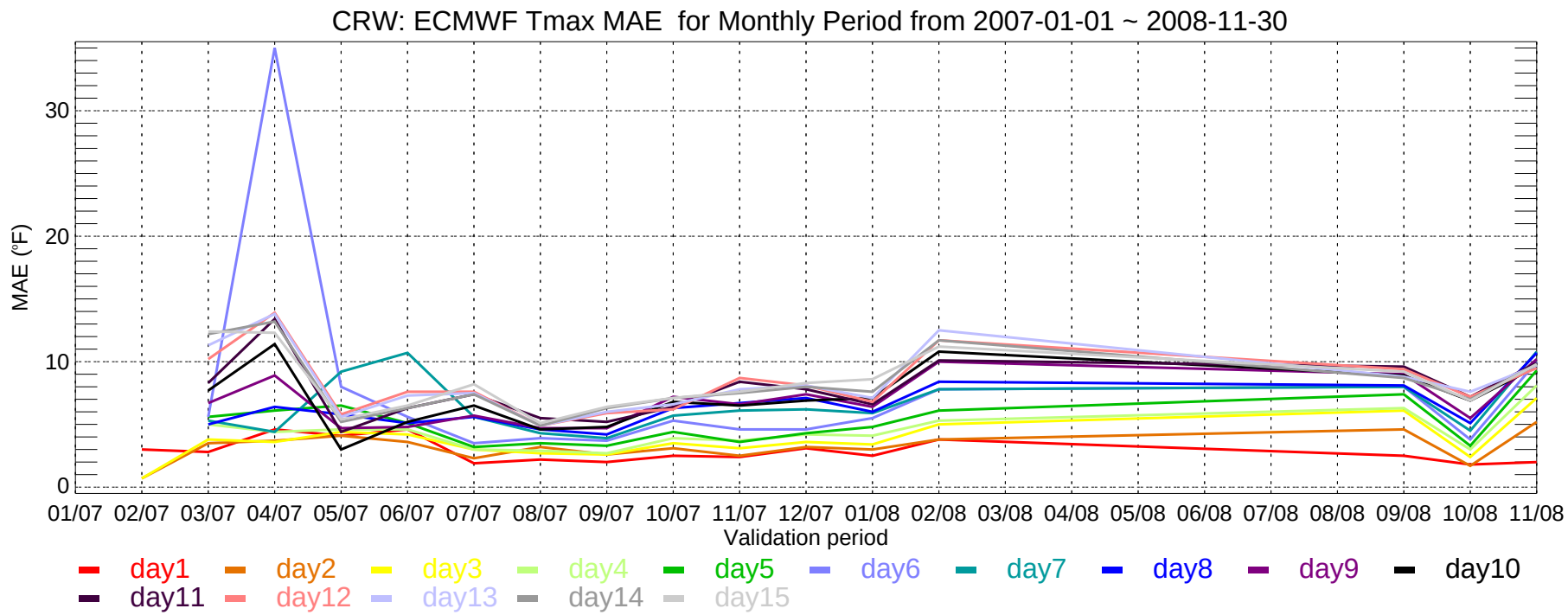

CQT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
1
0
-1
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CRP: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CRP: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CRP: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CRW: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
30
20
10
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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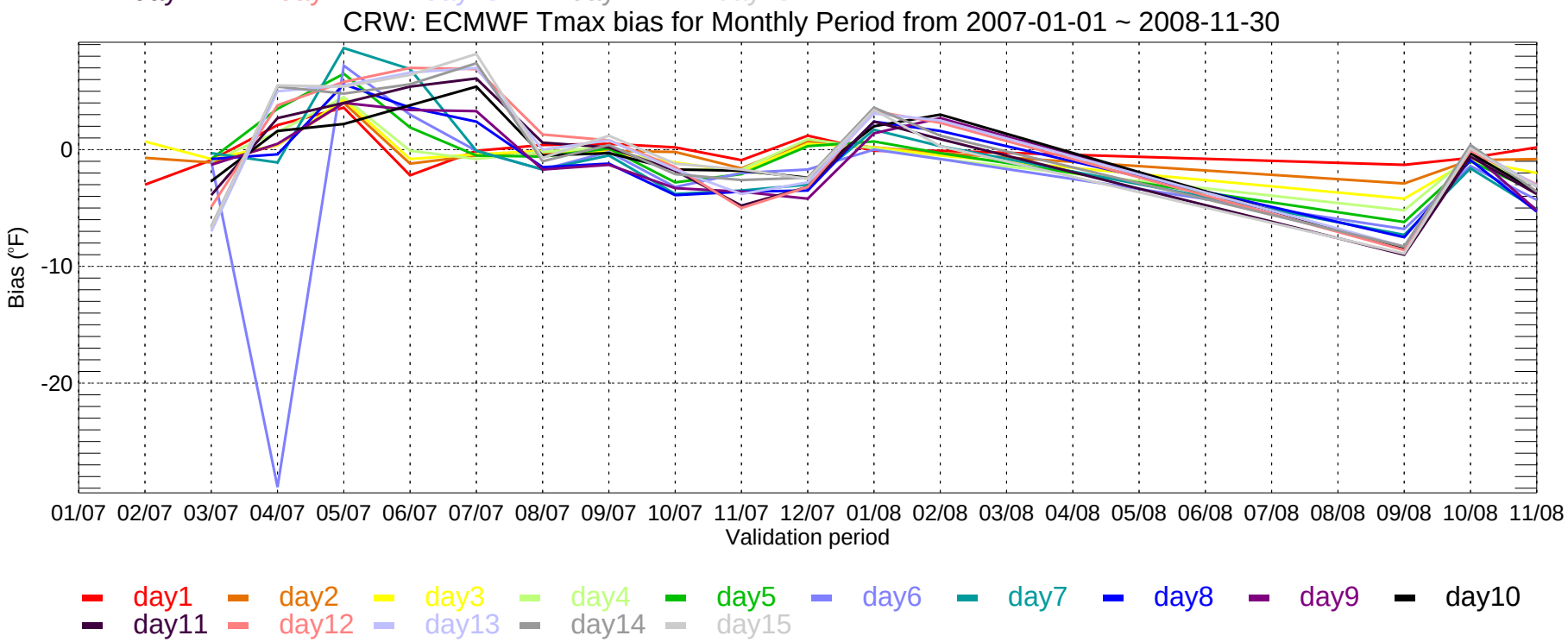
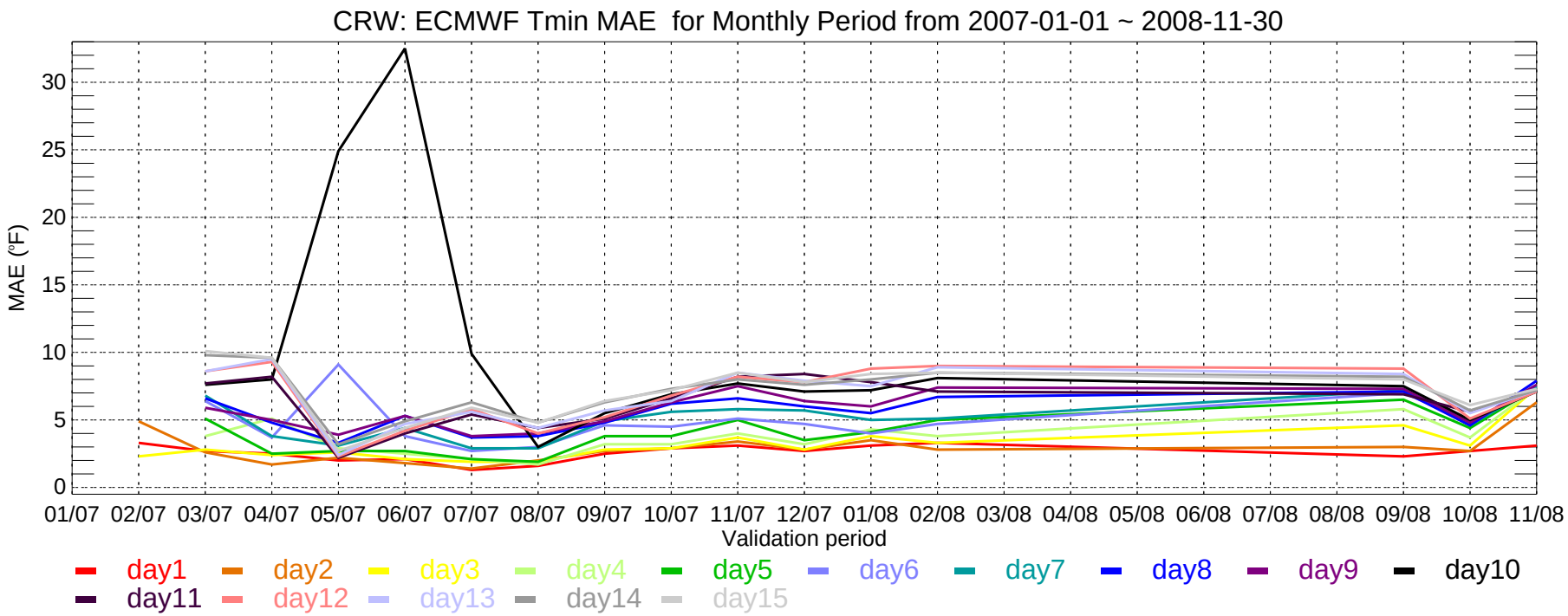
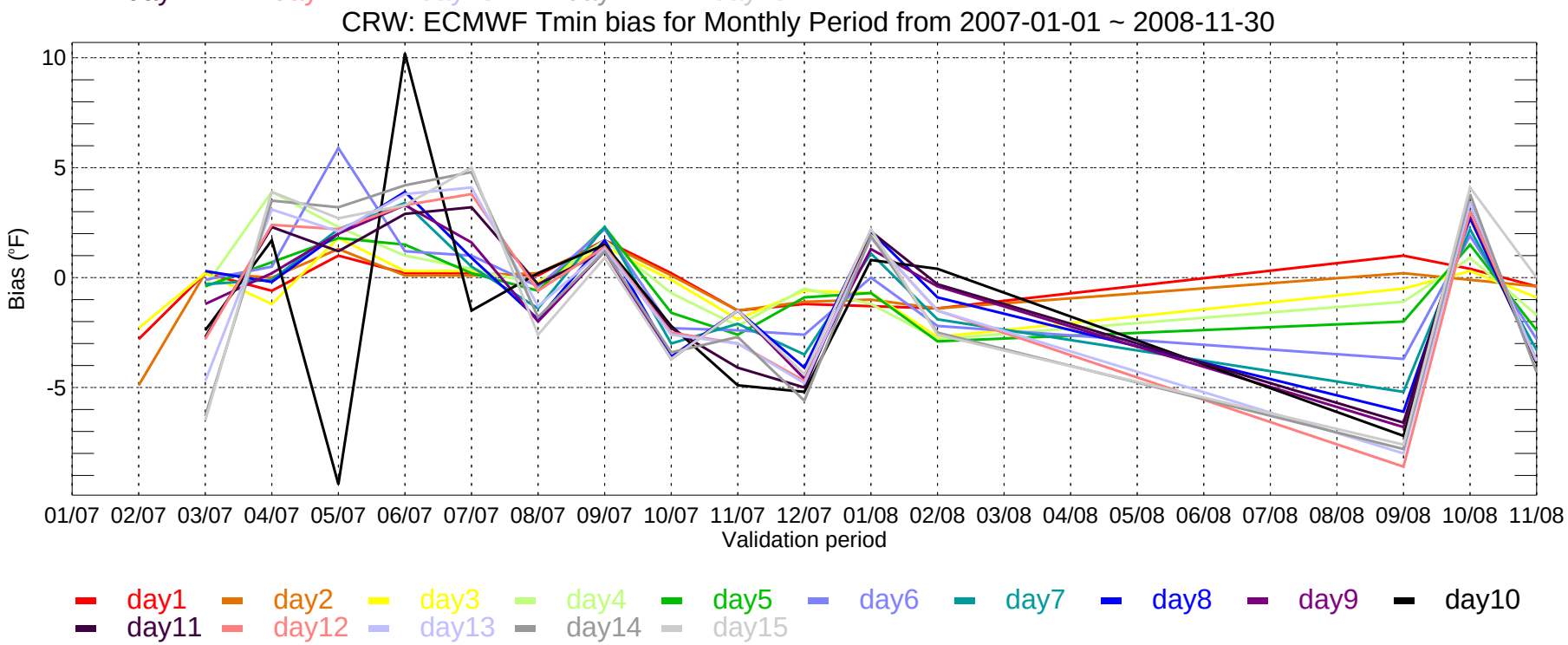
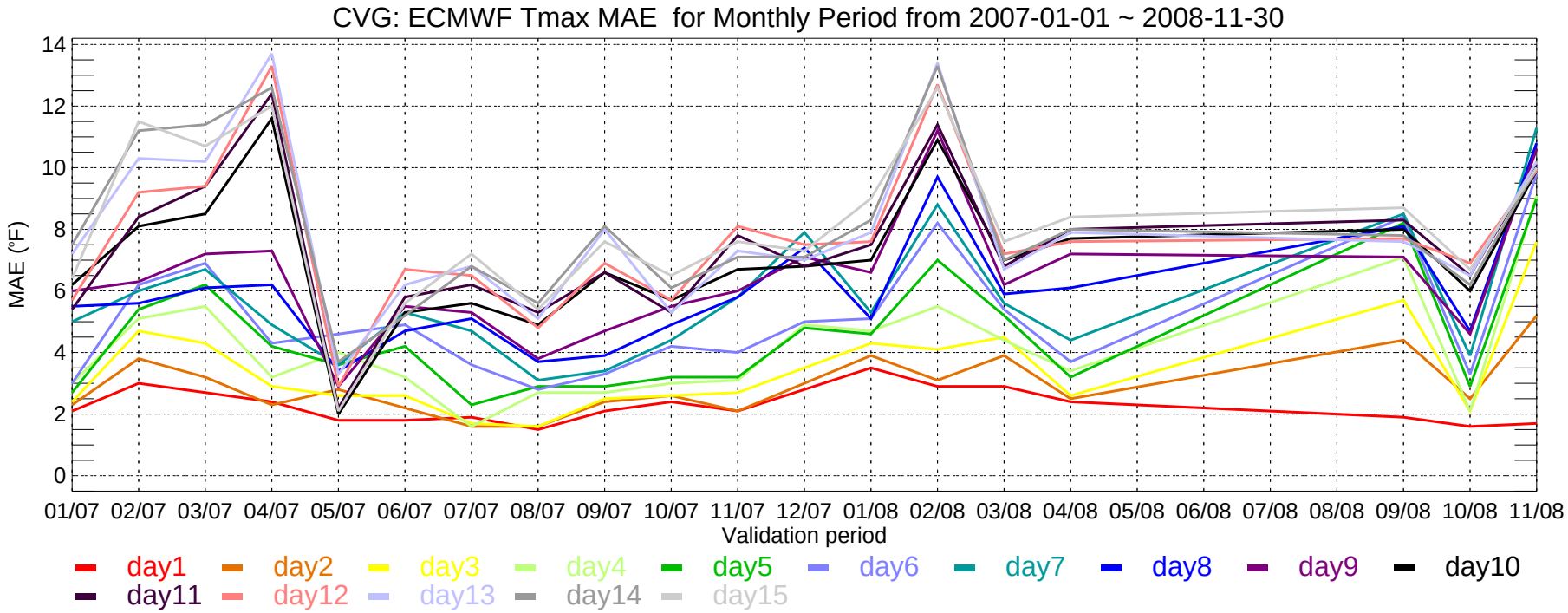
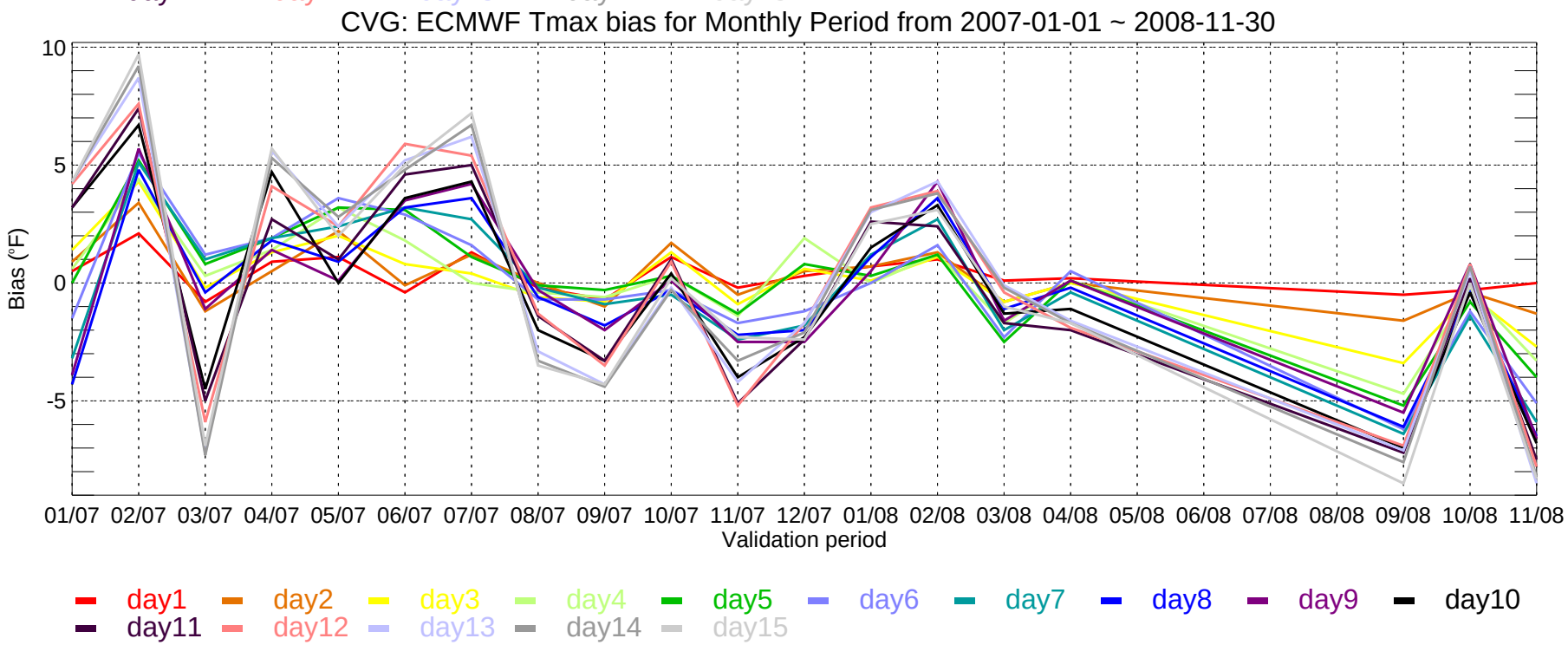

CRW: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
0
-10
-20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CRW: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
20
25
30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CRW: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CVG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


CVG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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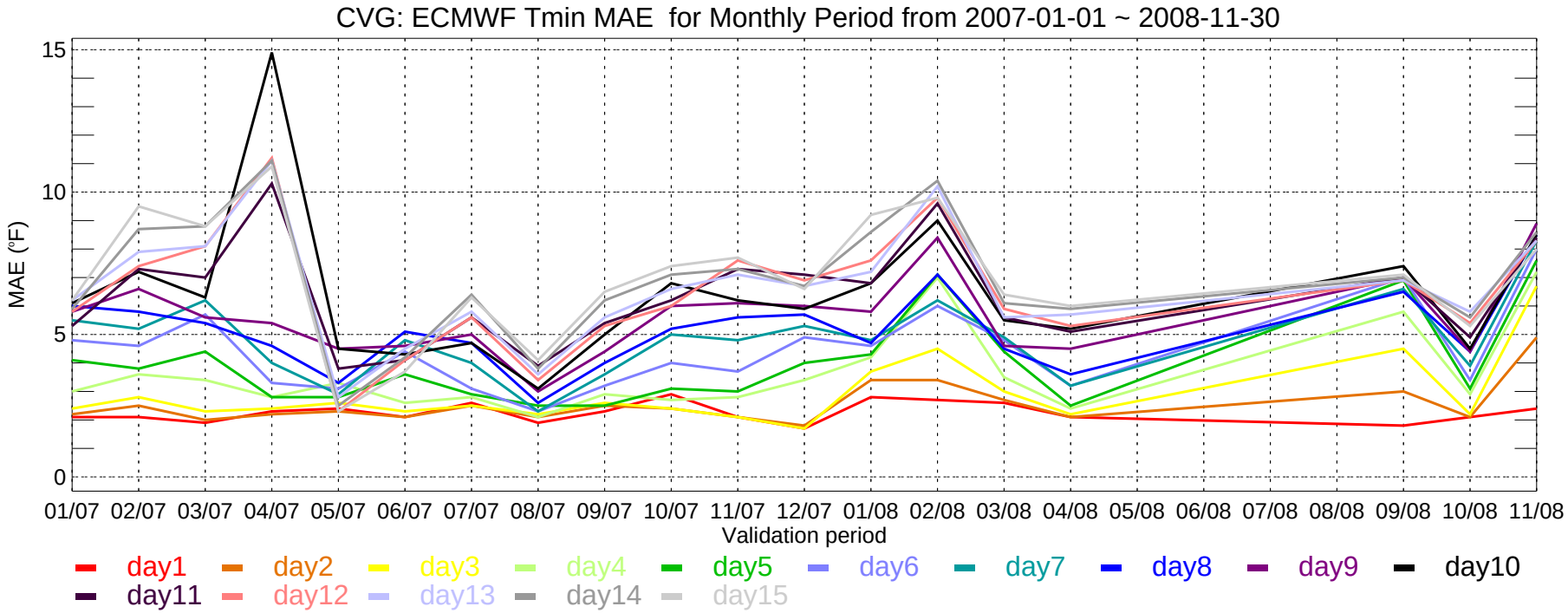
day11 day12 day13 day14 day15


CVG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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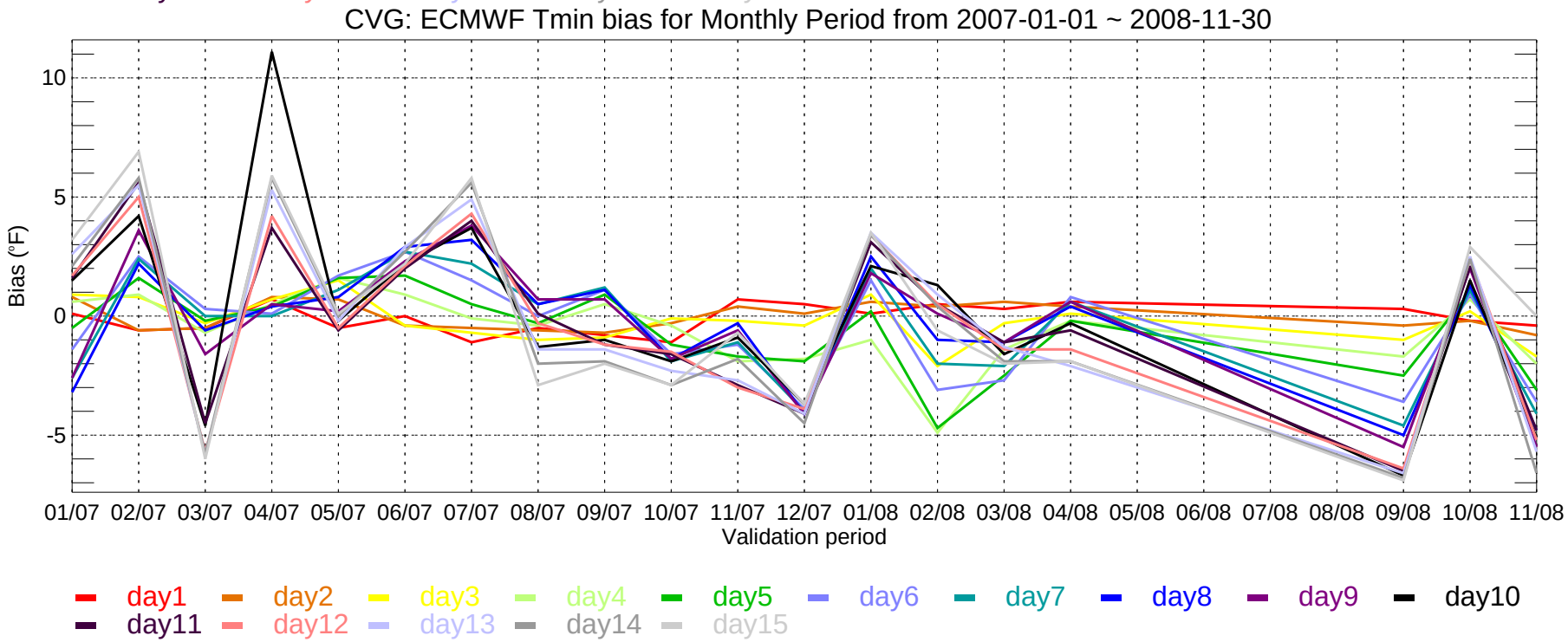
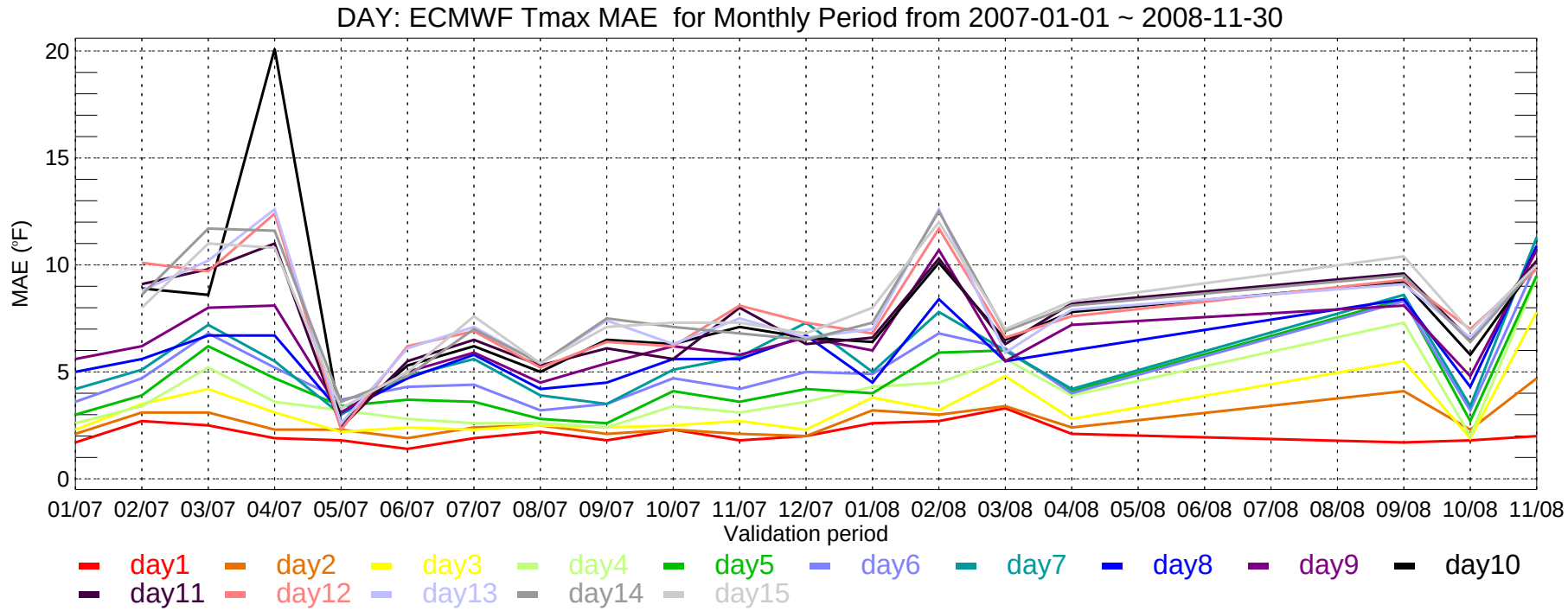
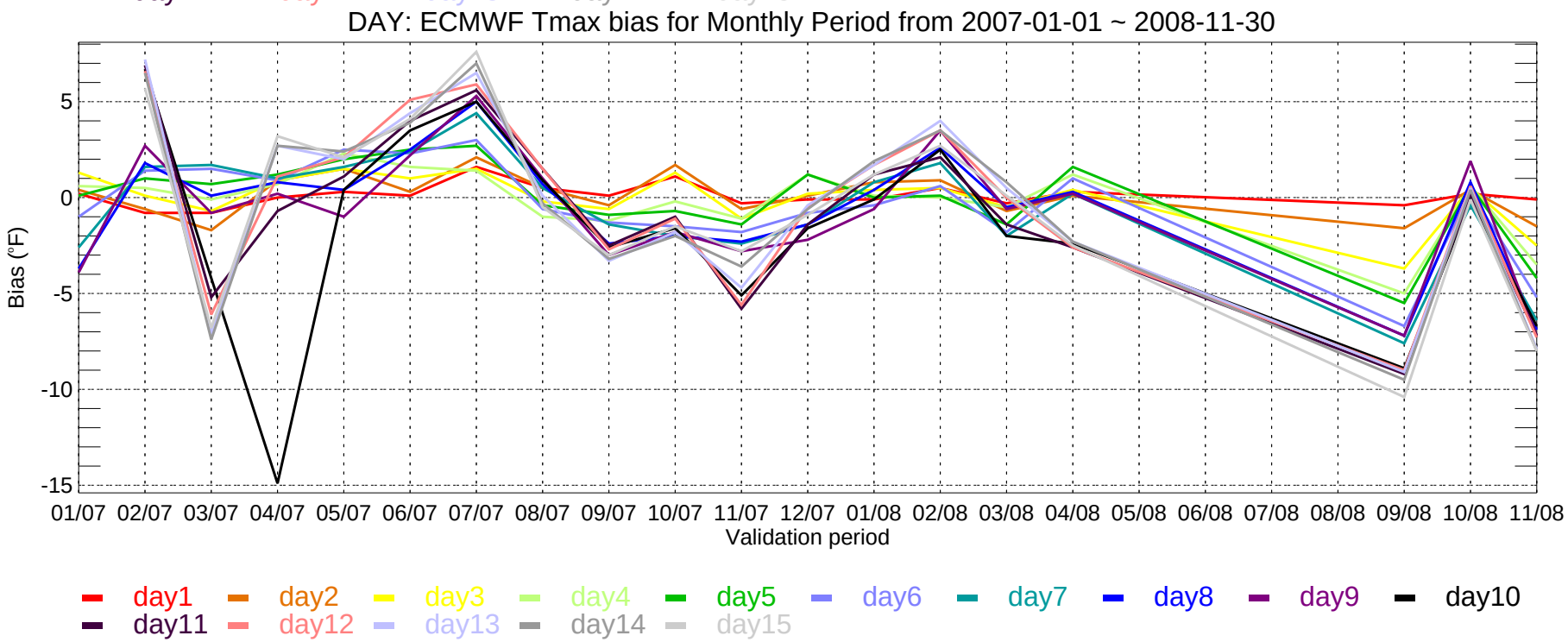
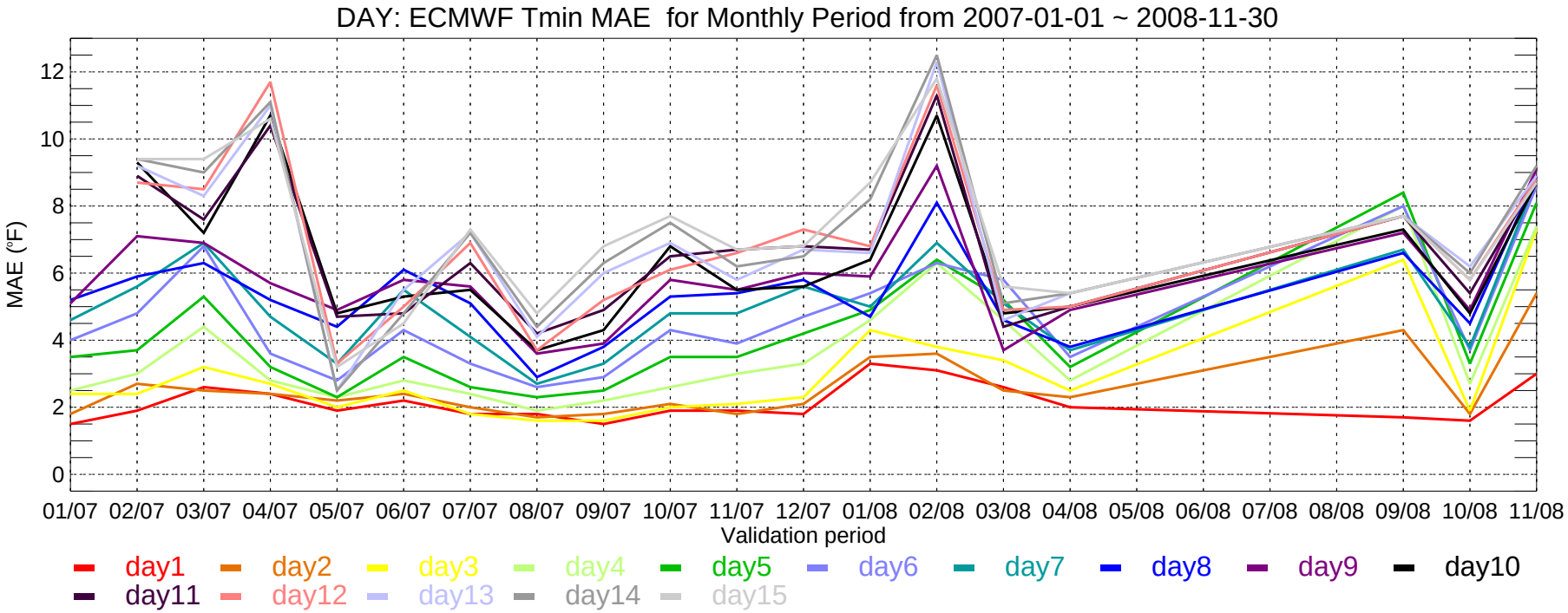
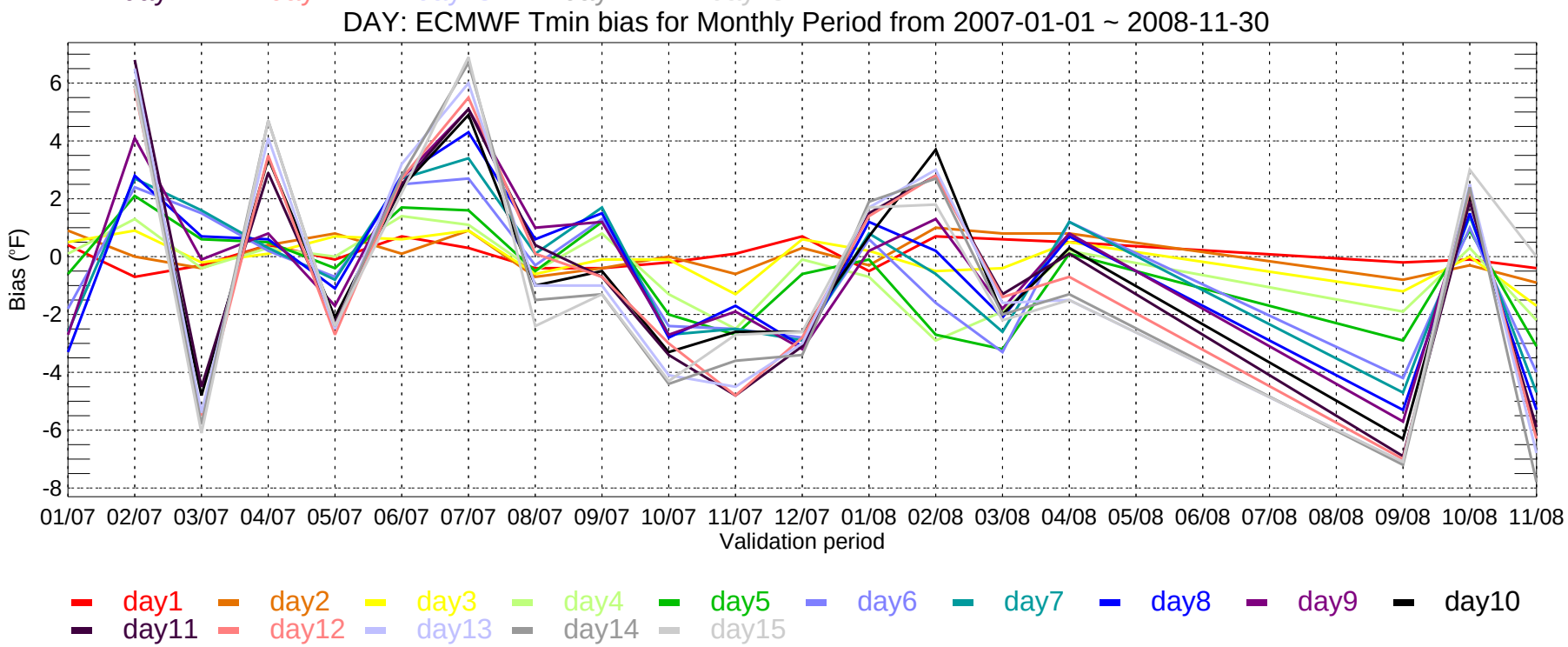
day11 day12 day13 day14 day15

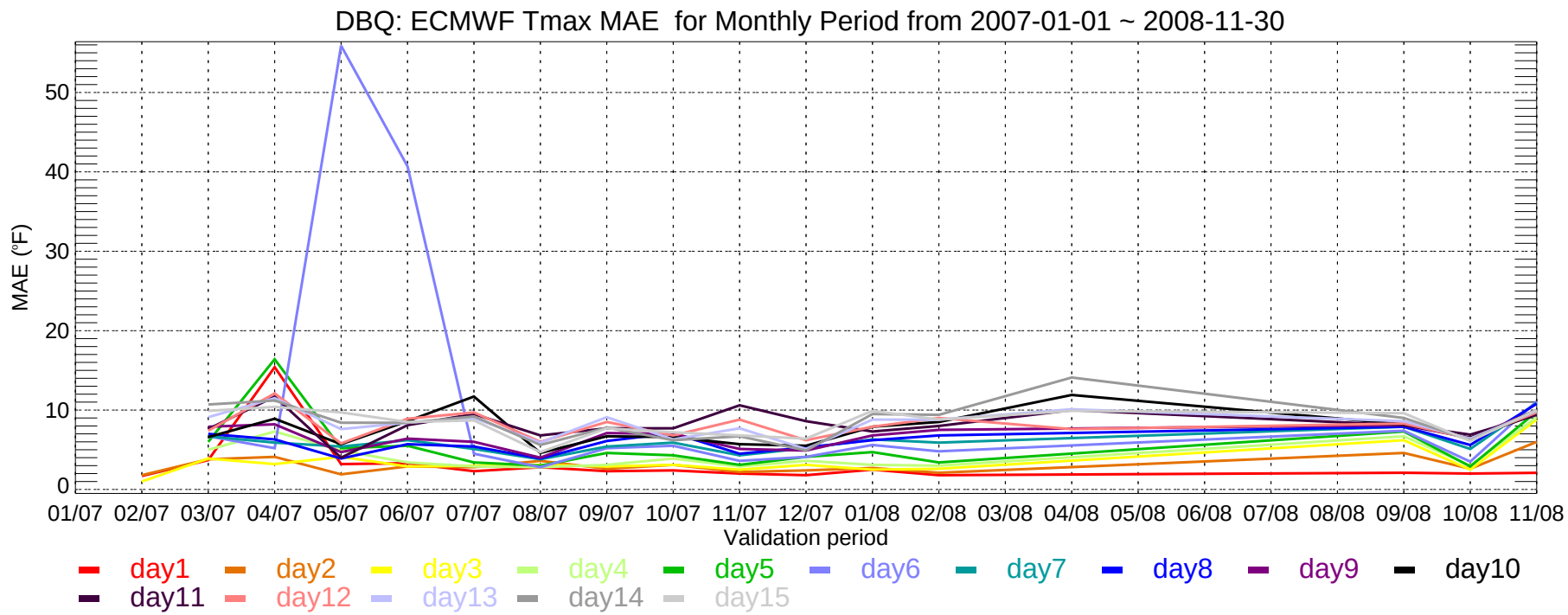

CVG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

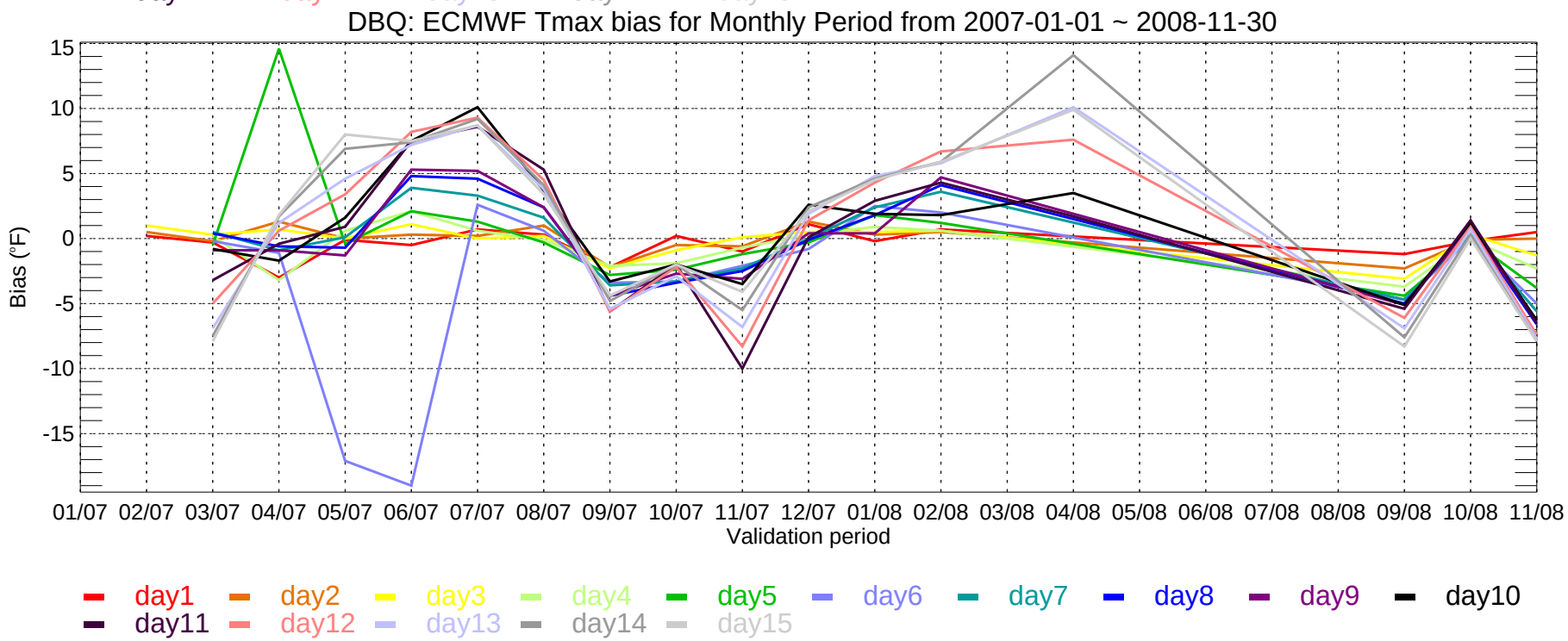

DAY: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DAY: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DAY: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DAY: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-8
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DBQ: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
10
20
30
40
50
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DBQ: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
15
10
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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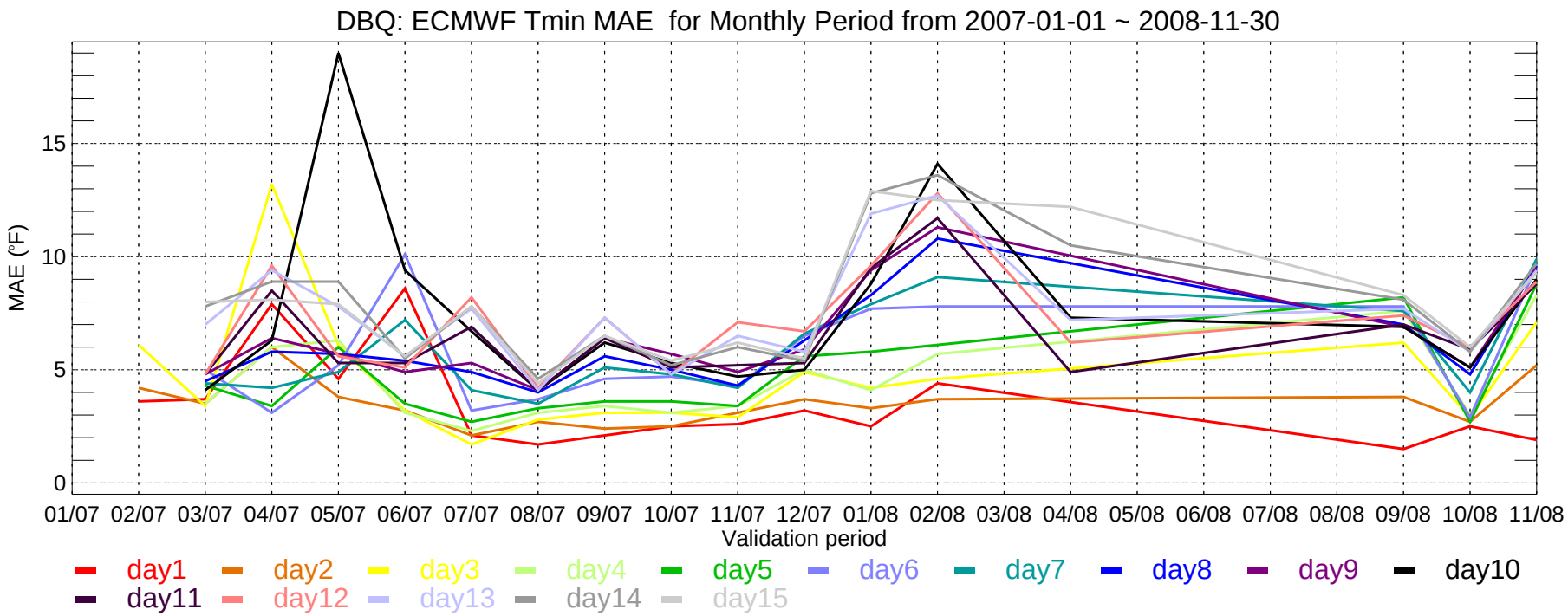
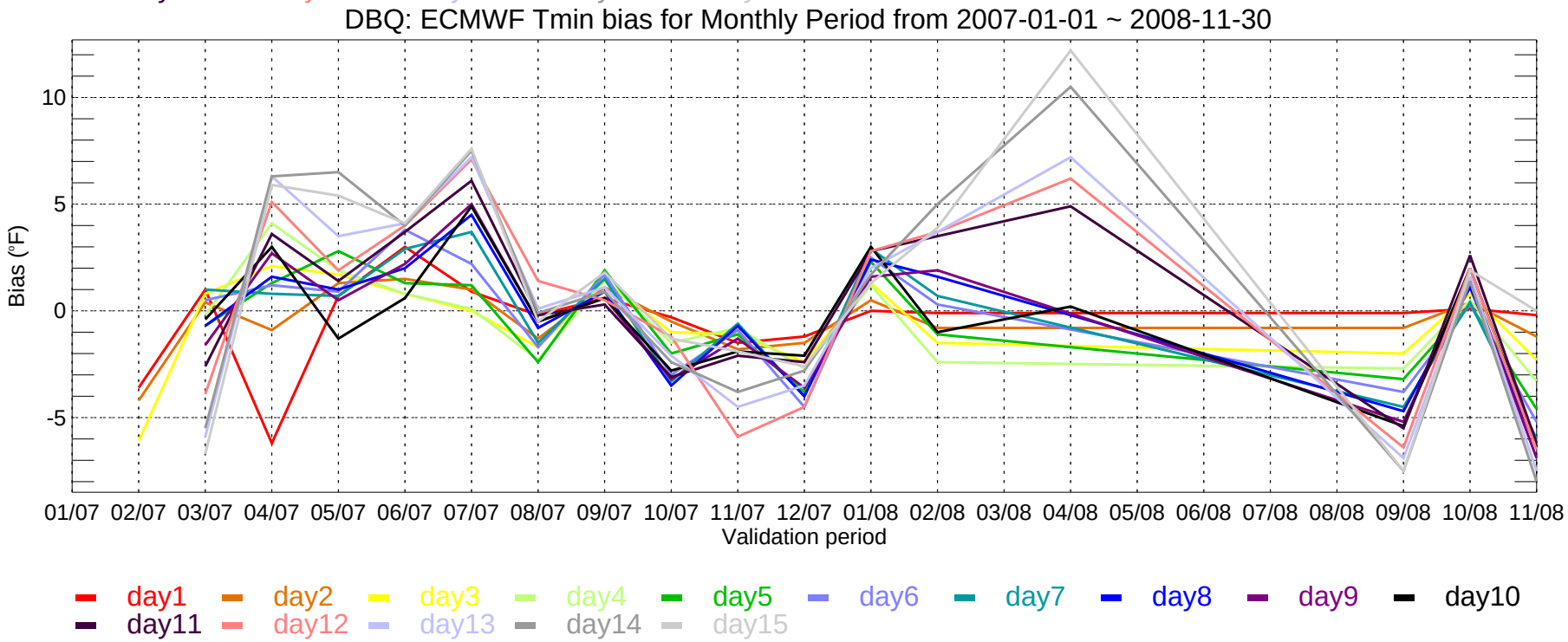
day11 day12 day13 day14 day15


DBQ: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DBQ: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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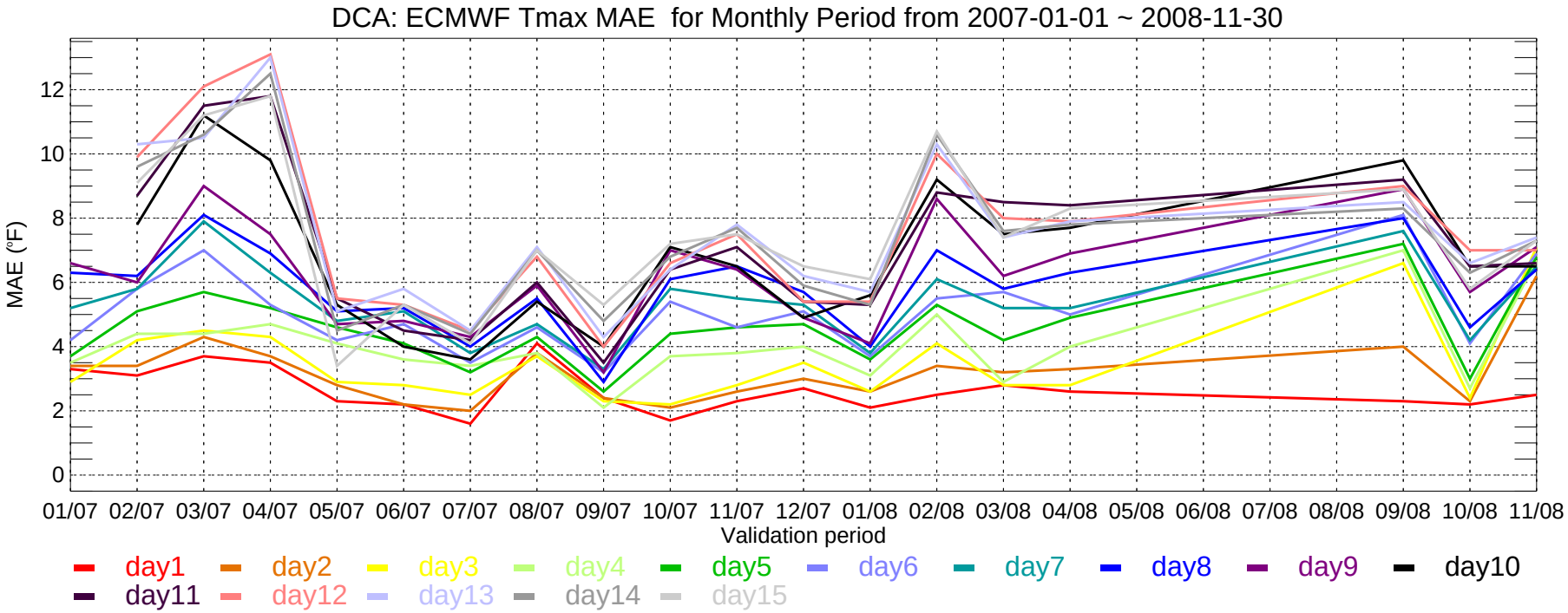
DCA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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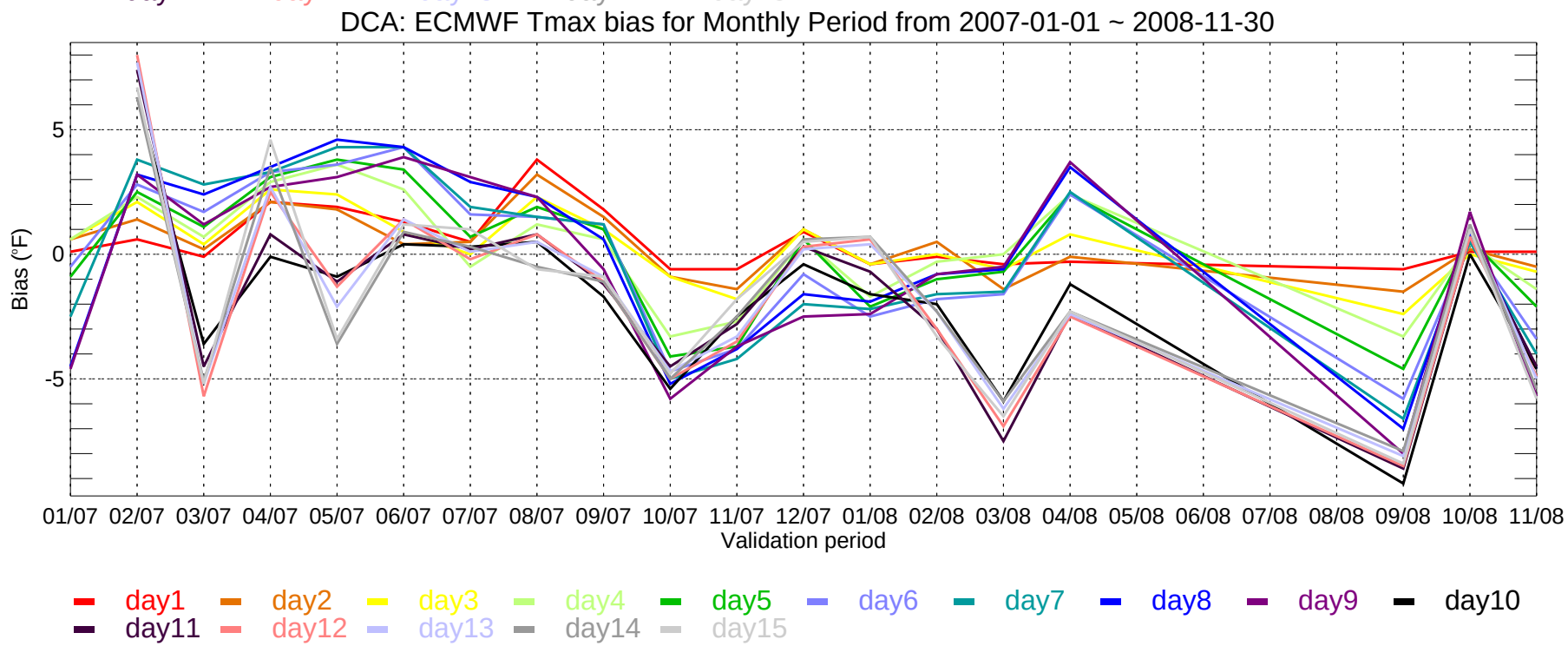
DCA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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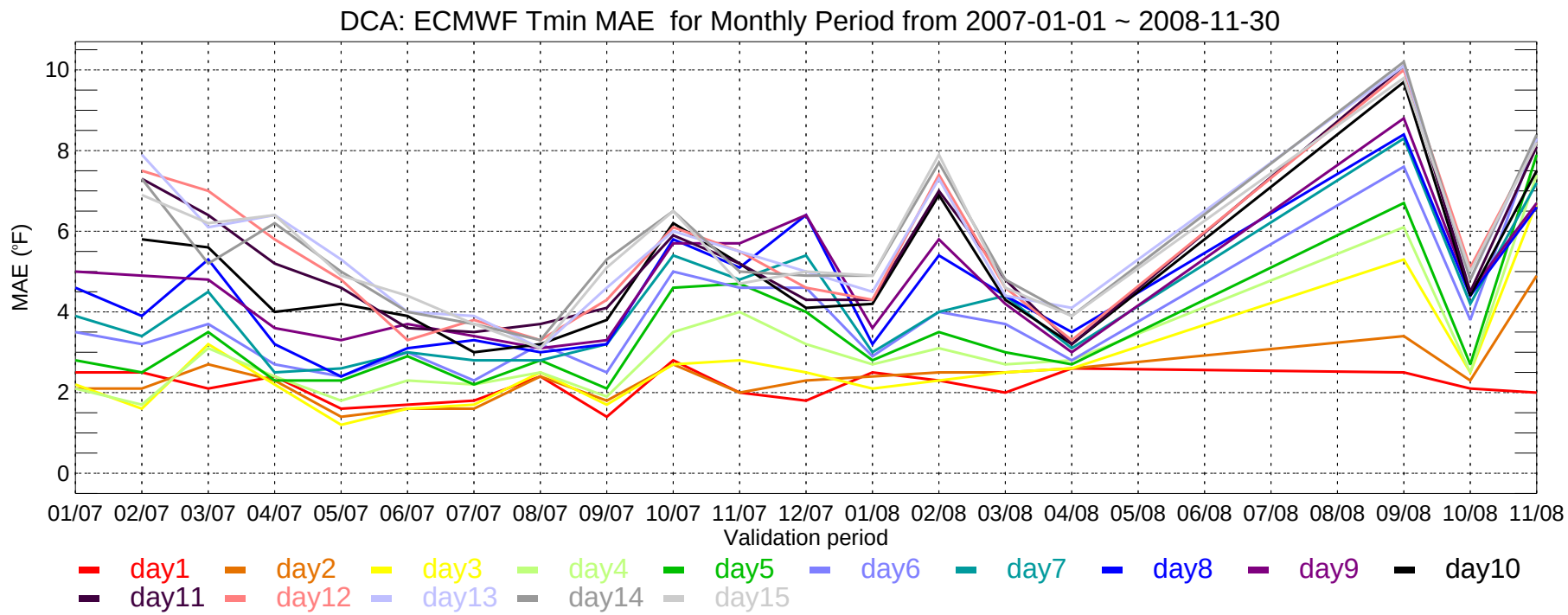
DCA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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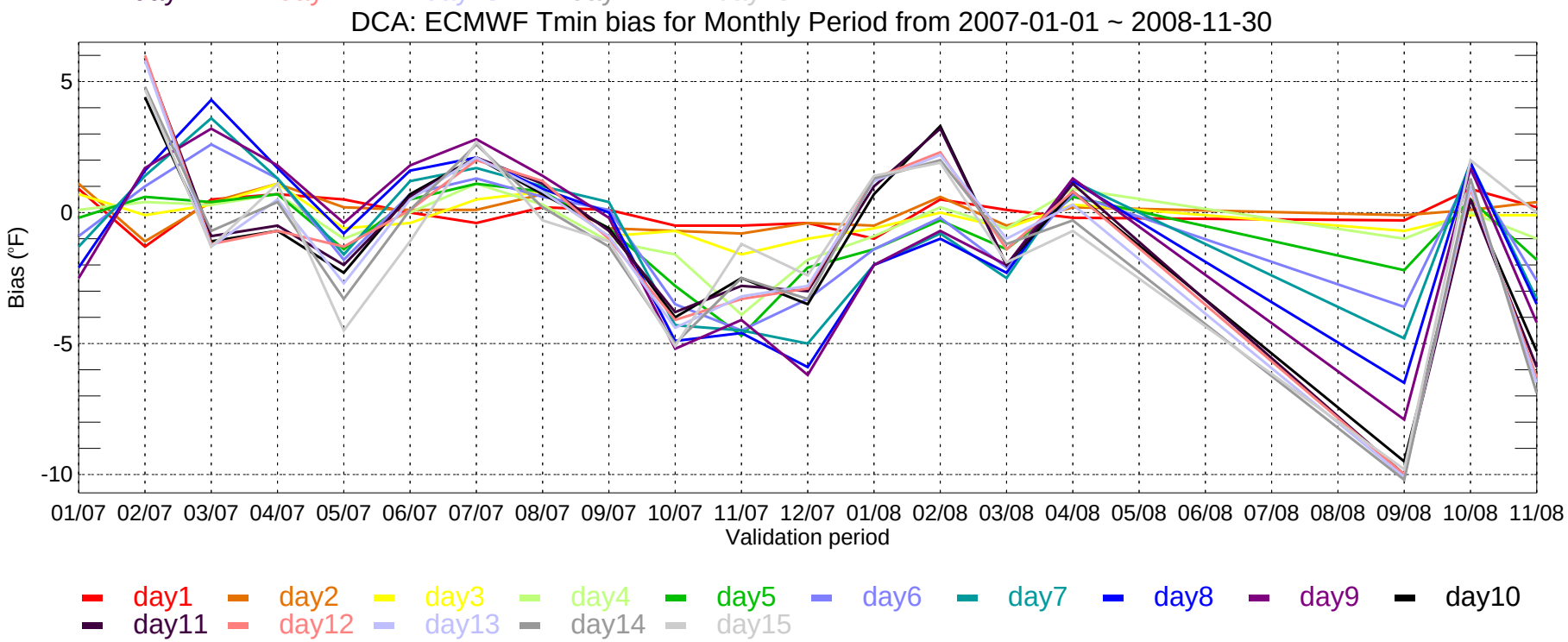
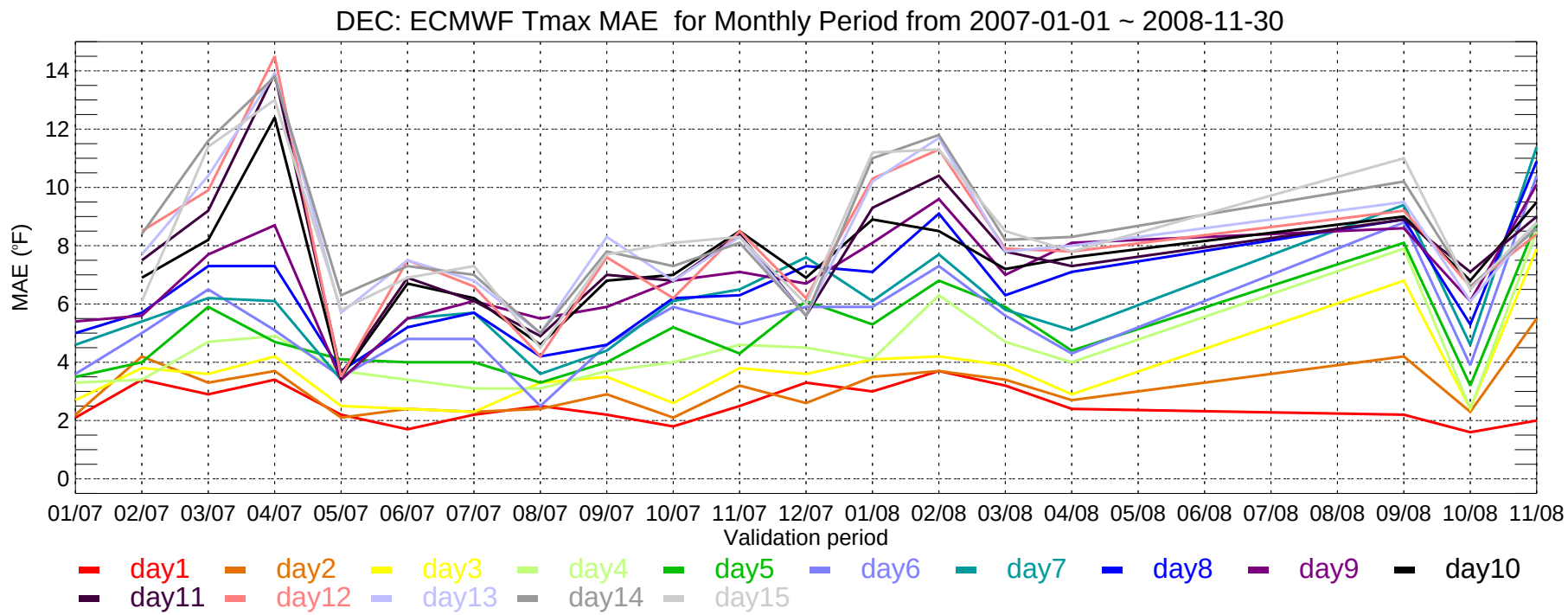

DCA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DEC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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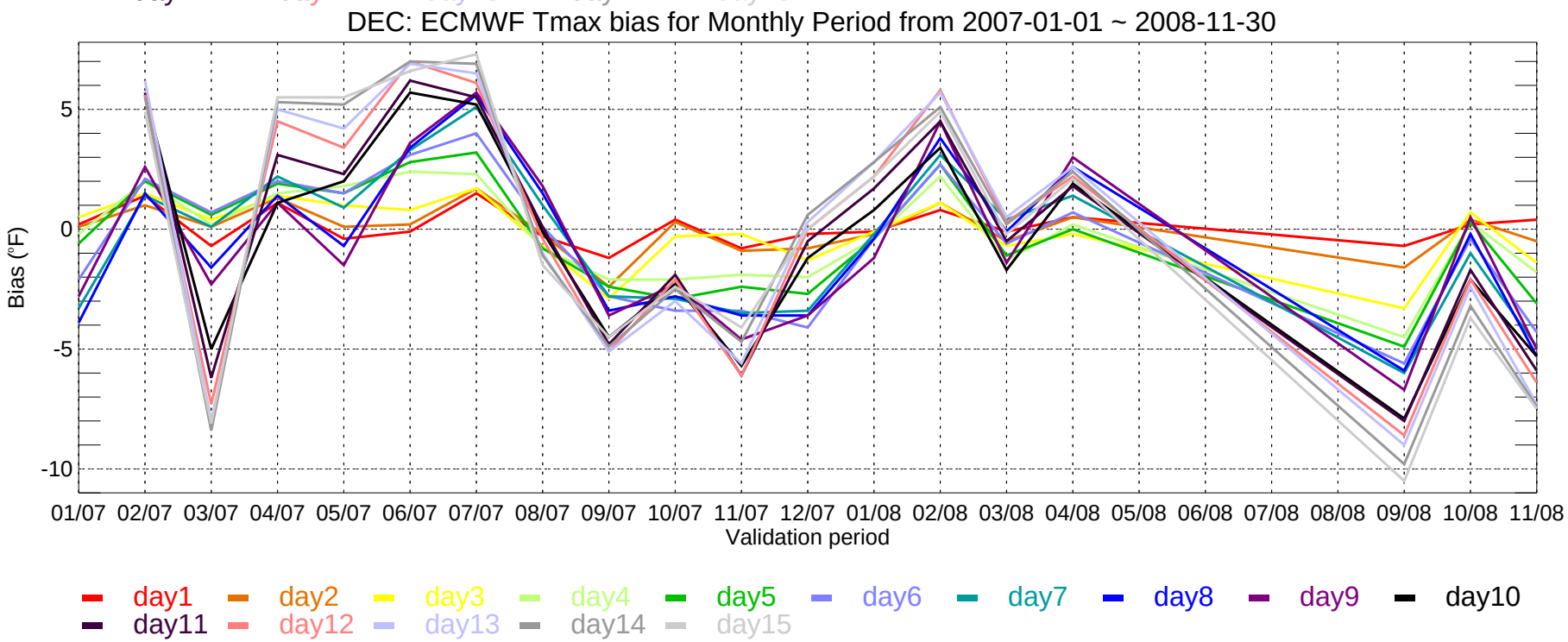
day11 day12 day13 day14 day15


DEC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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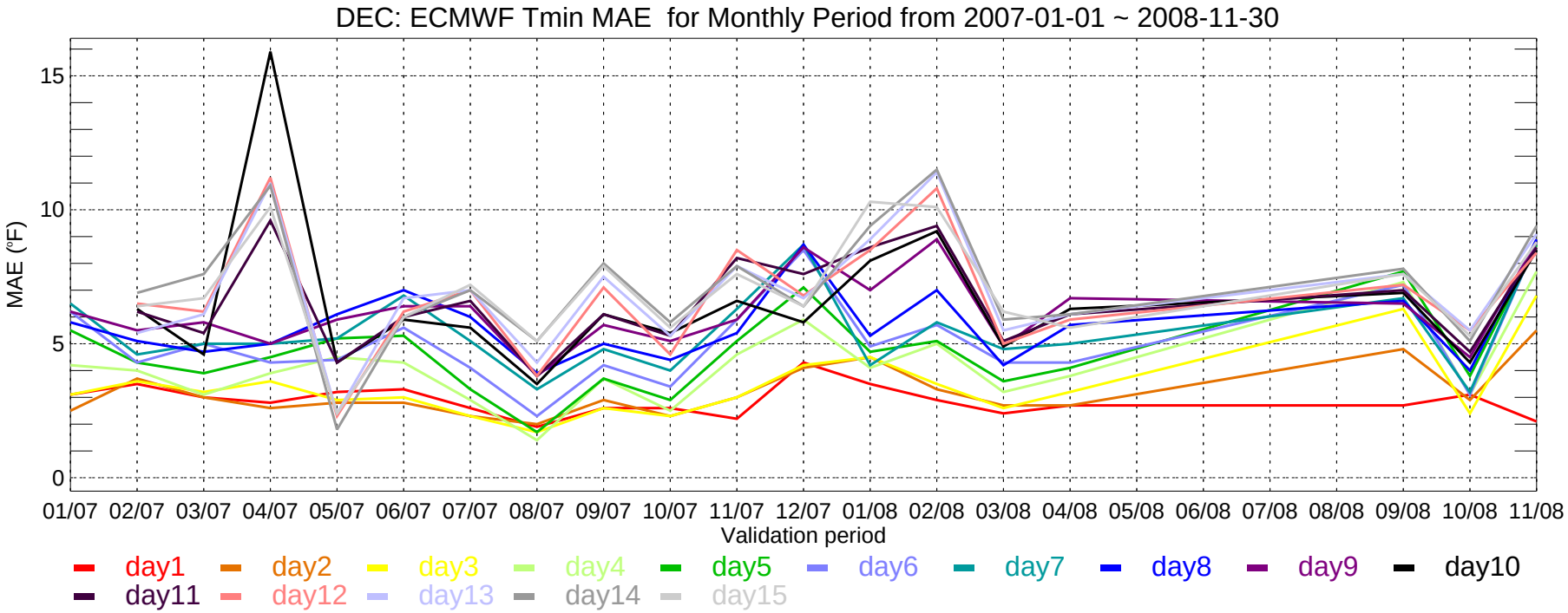
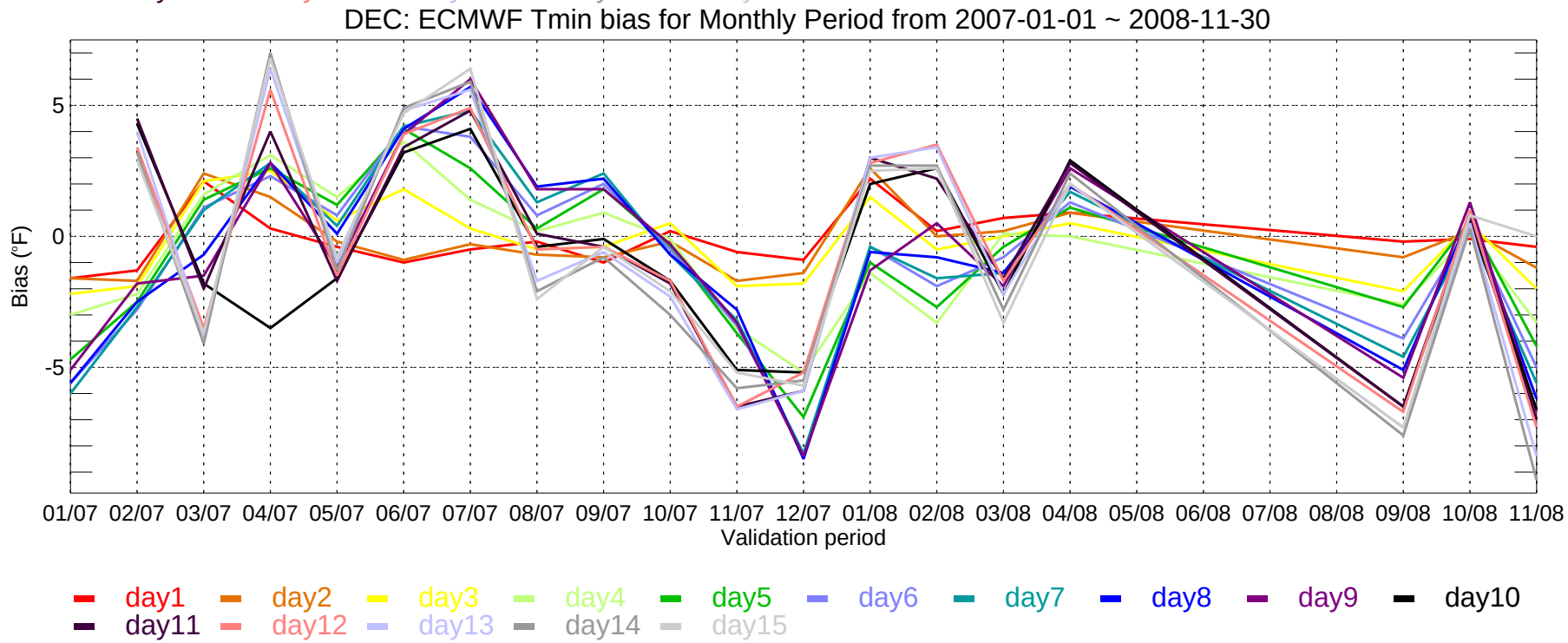
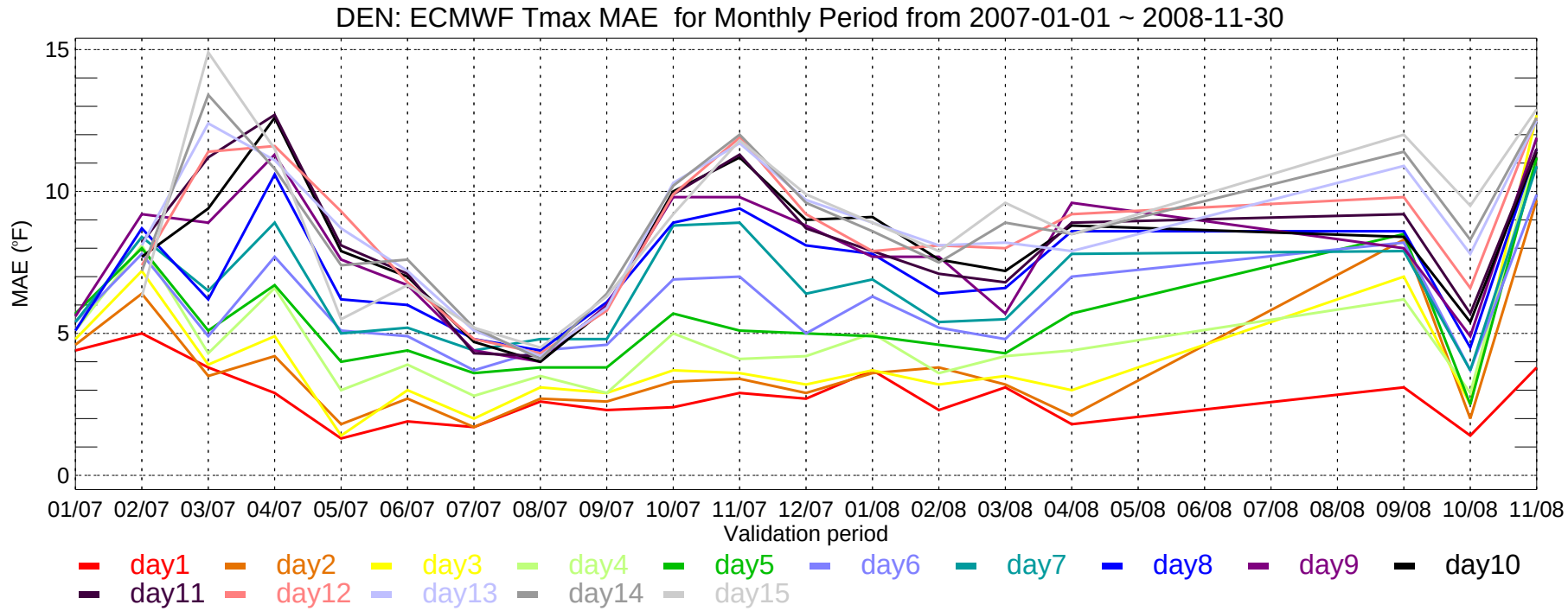
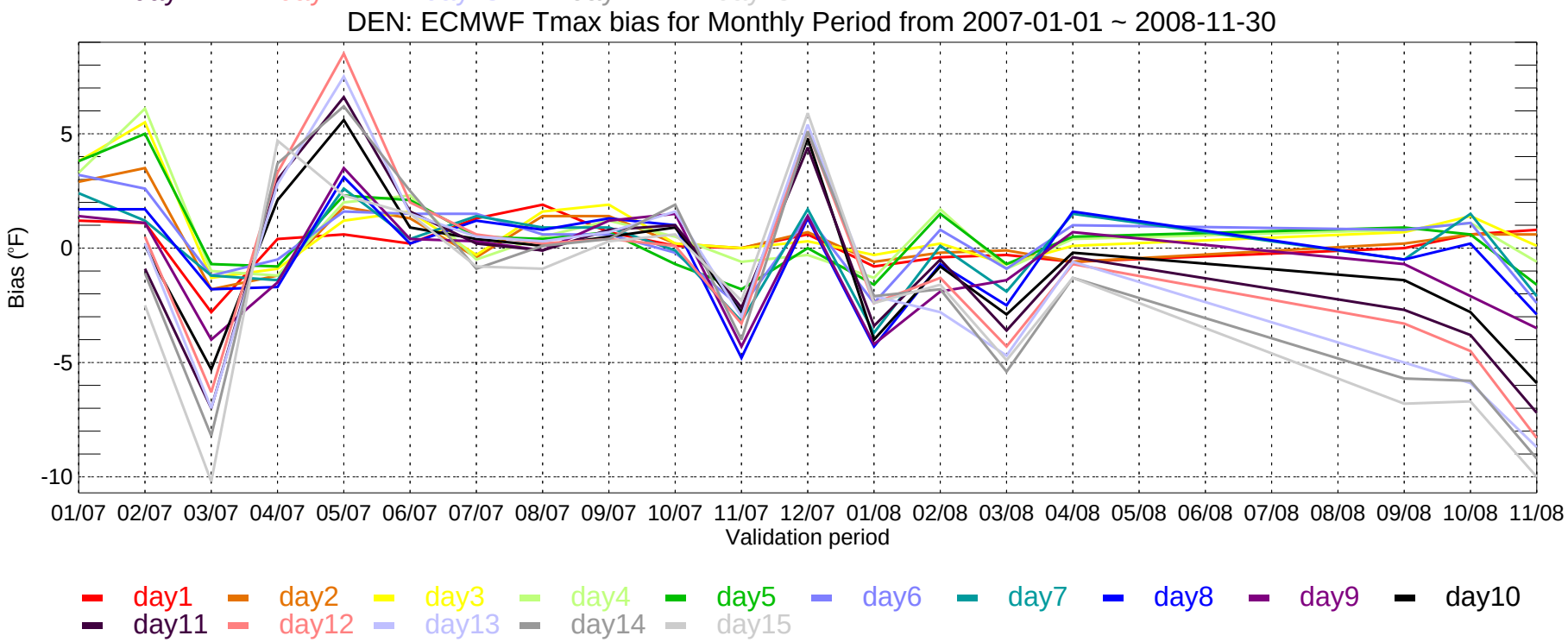
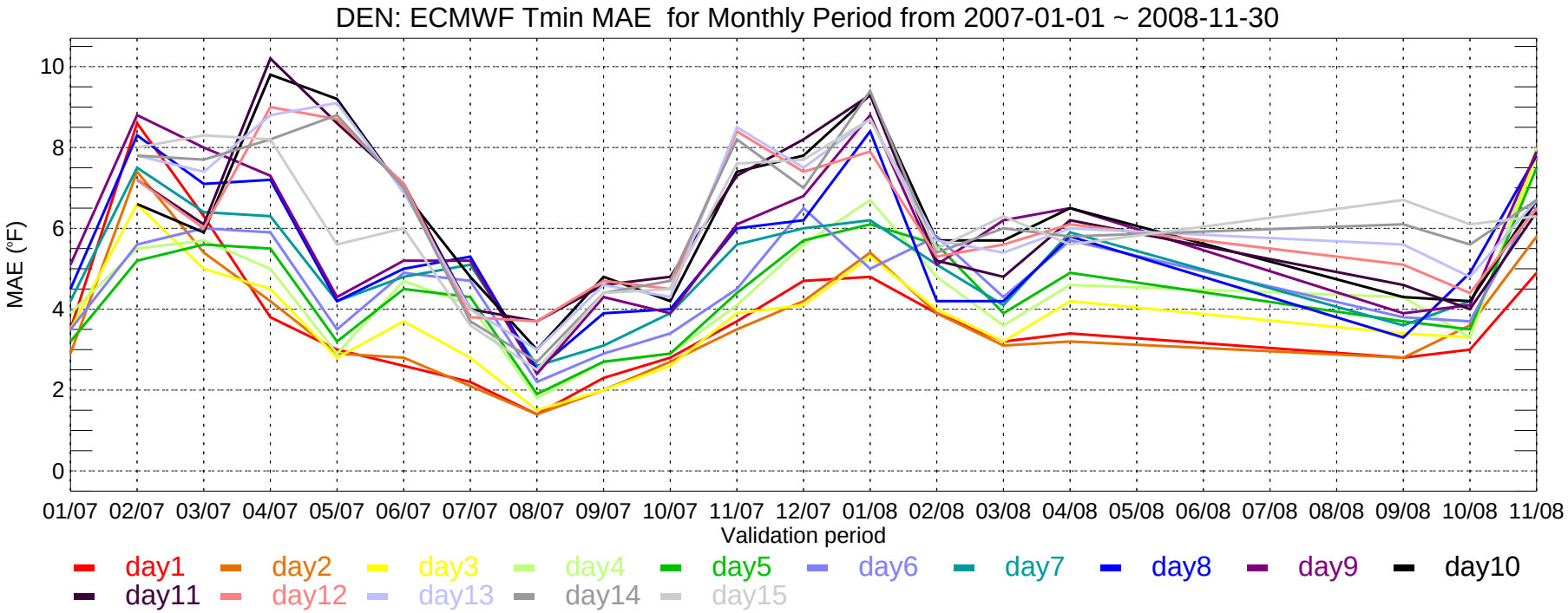
day11 day12 day13 day14 day15

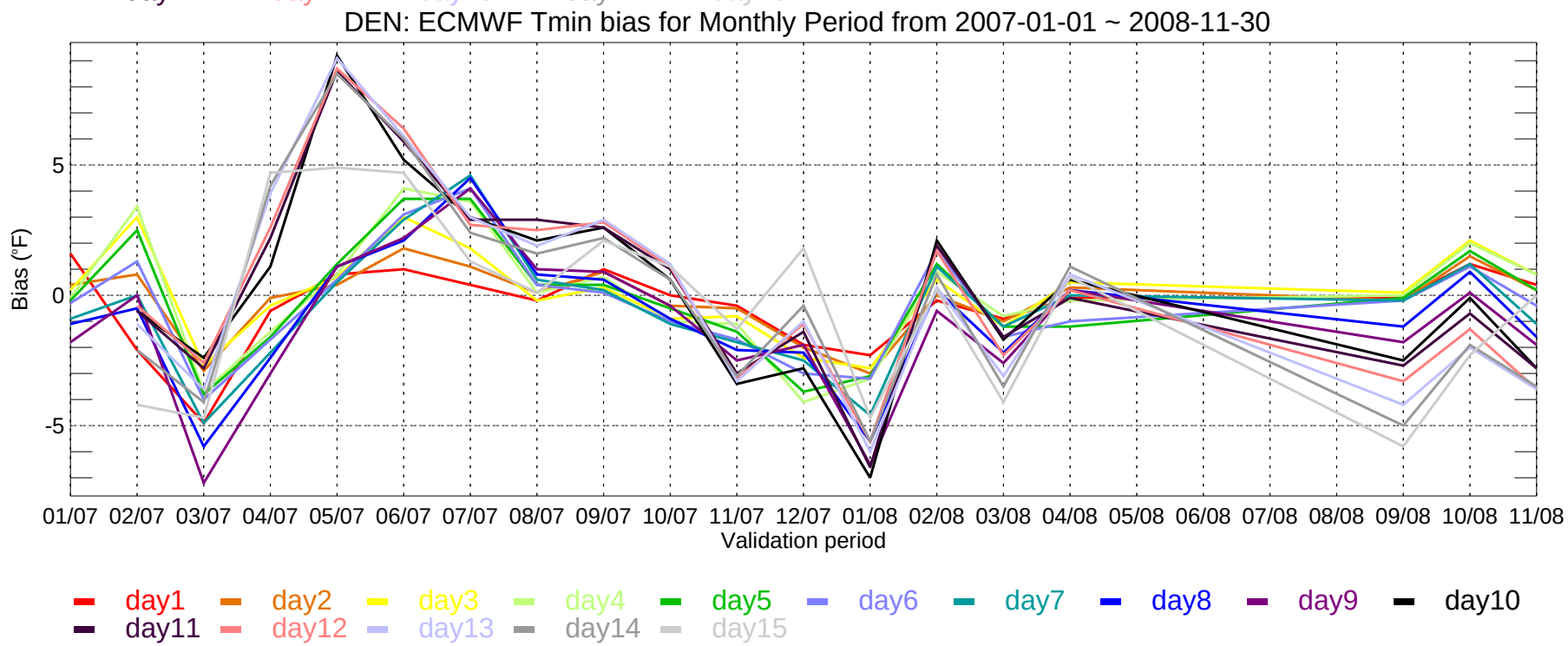

DEC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DEC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DEN: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DEN: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DEN: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


DEN: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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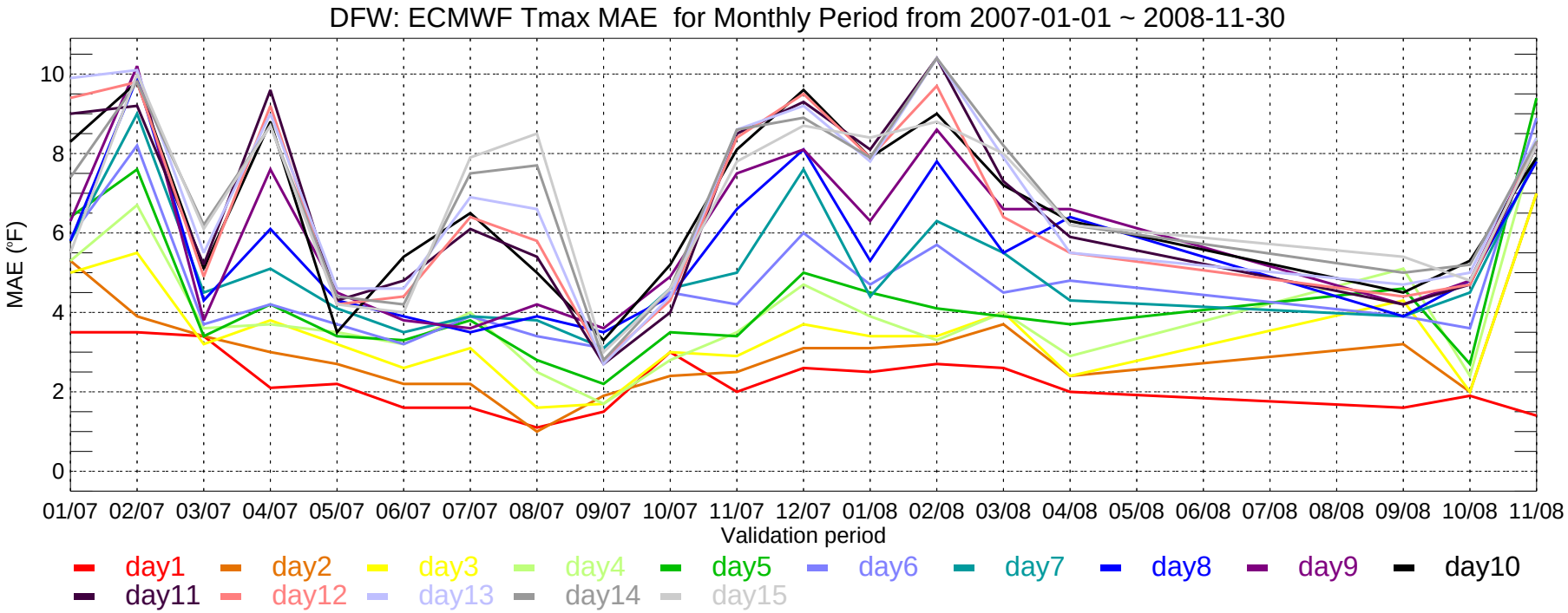
DFW: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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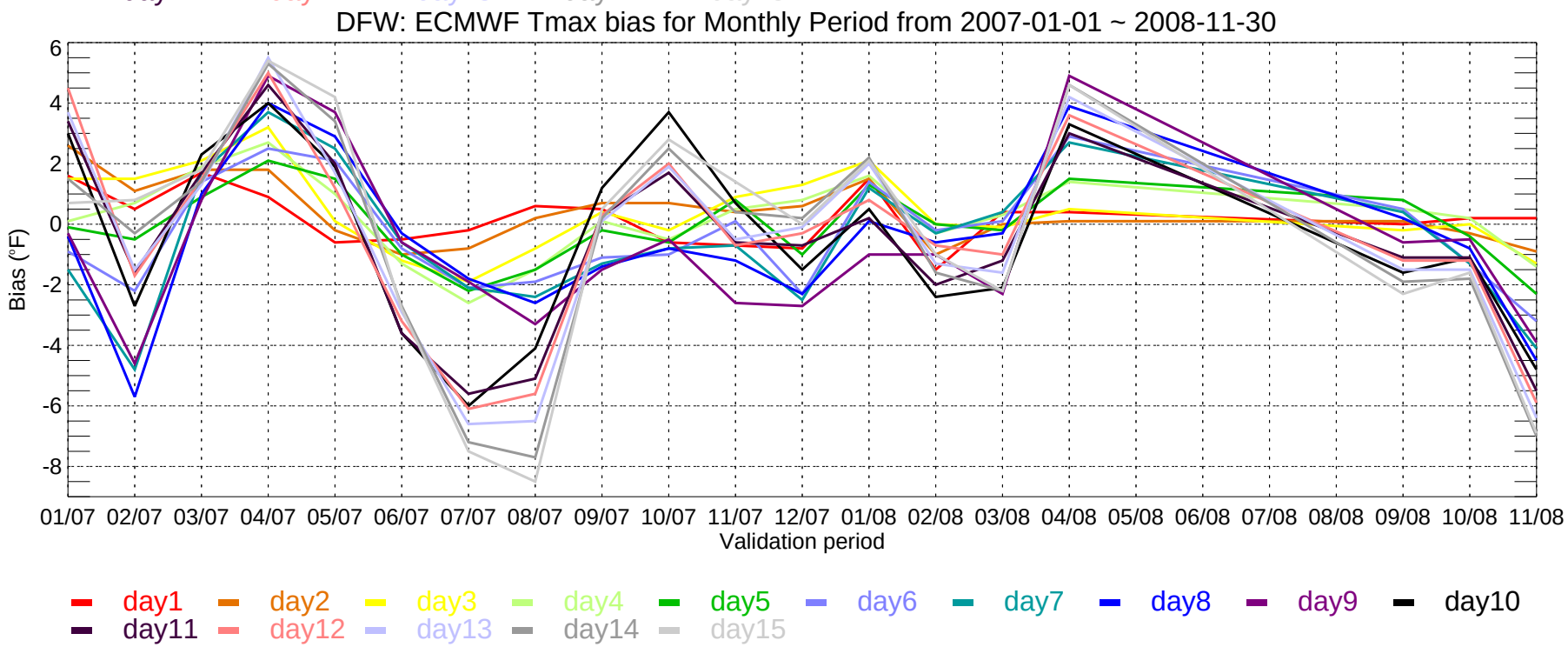
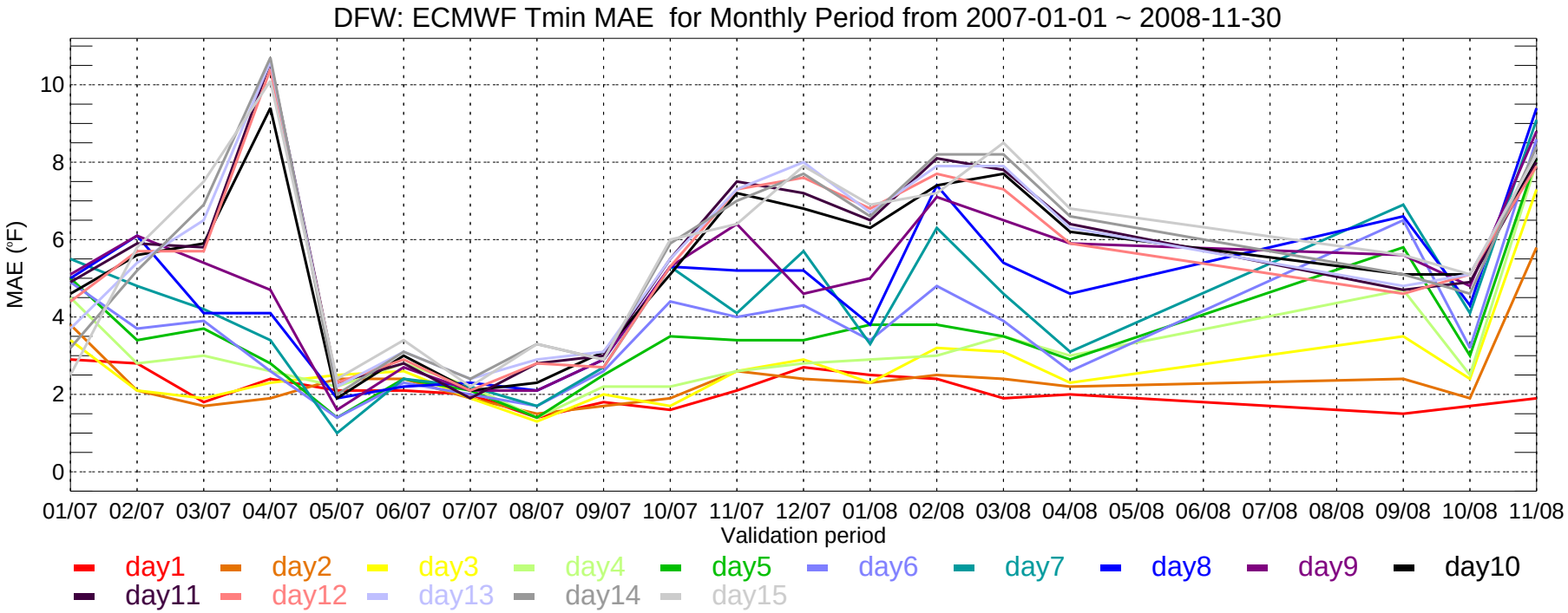
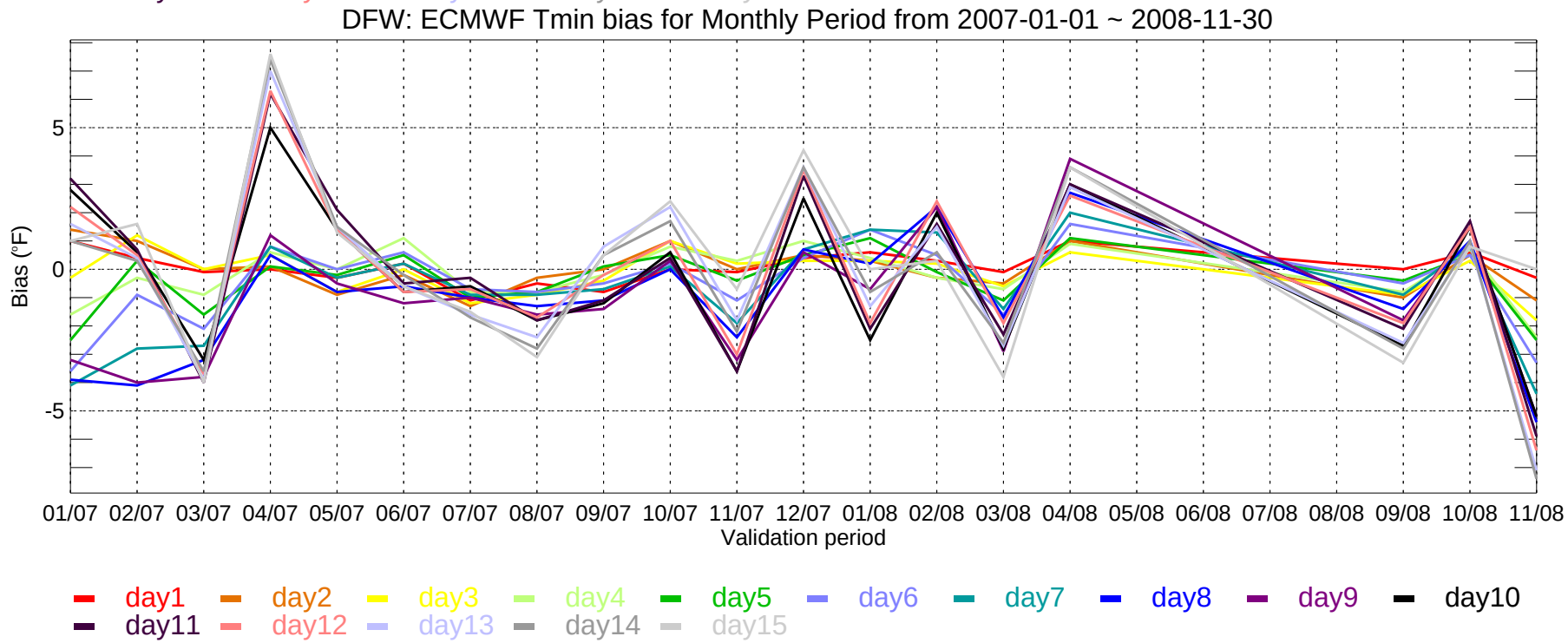
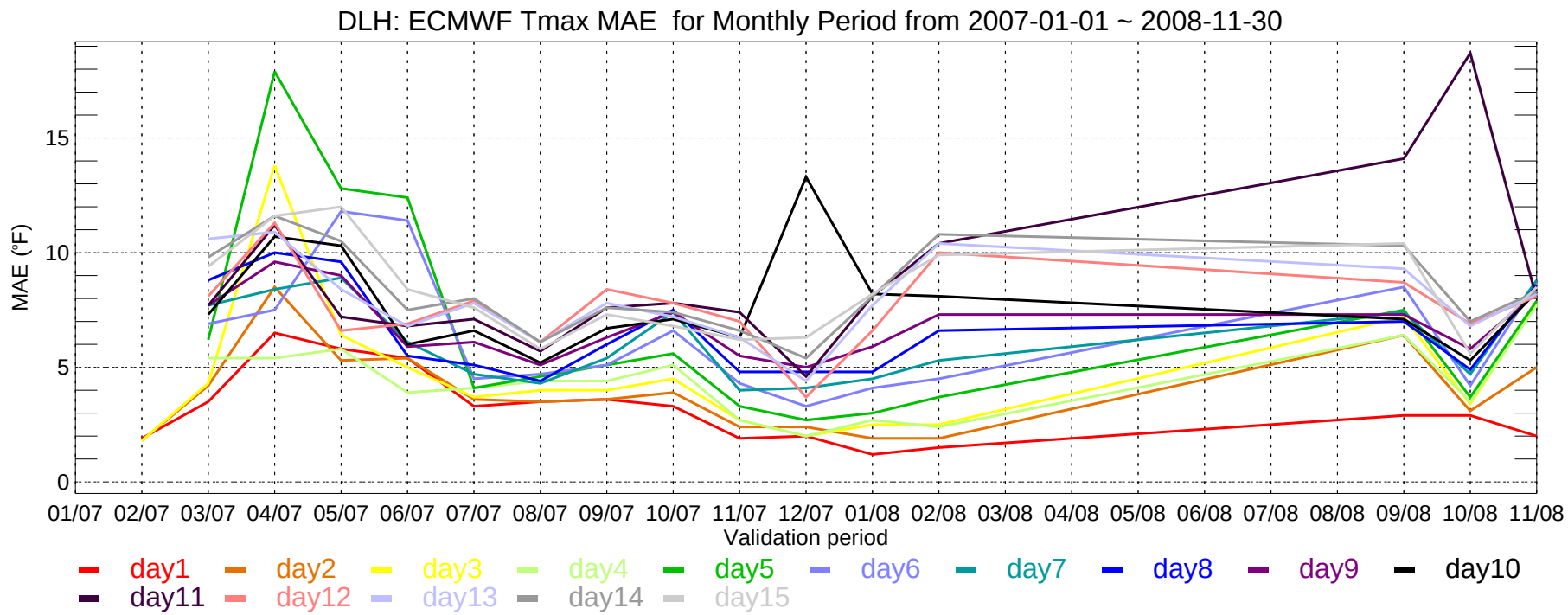
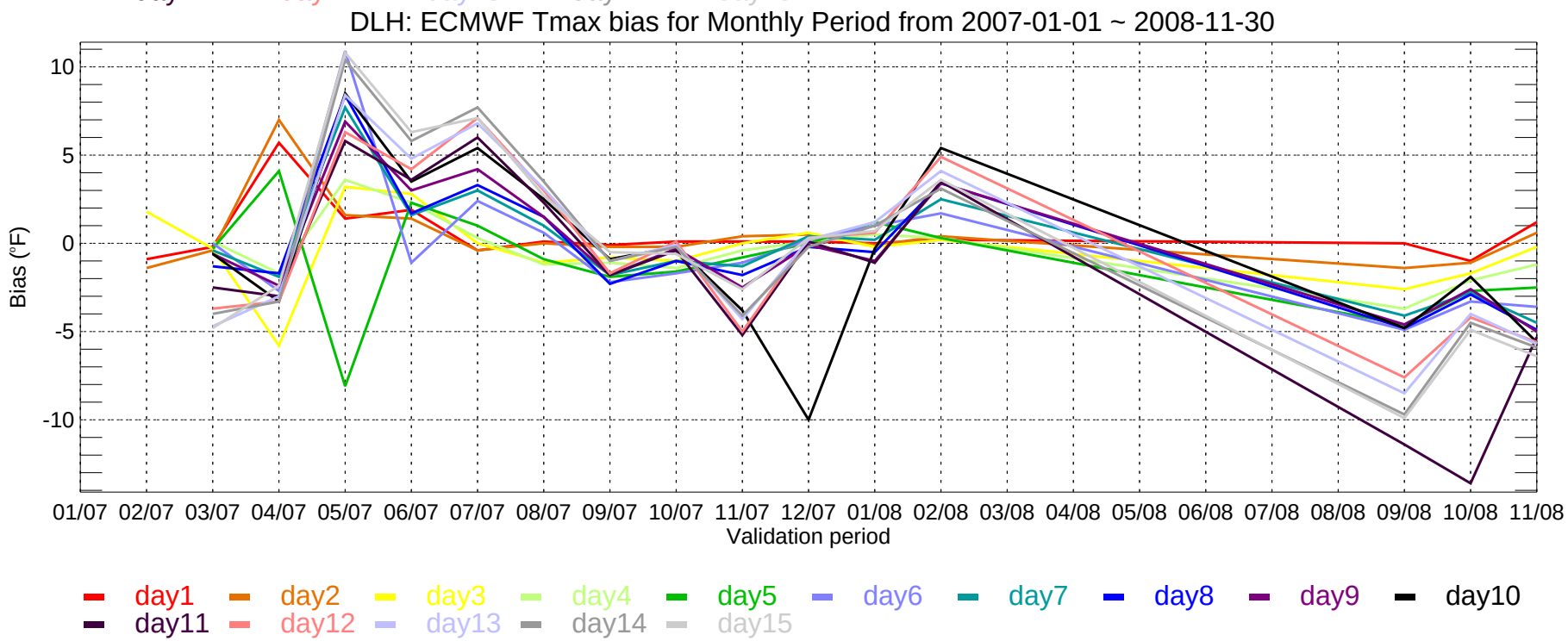
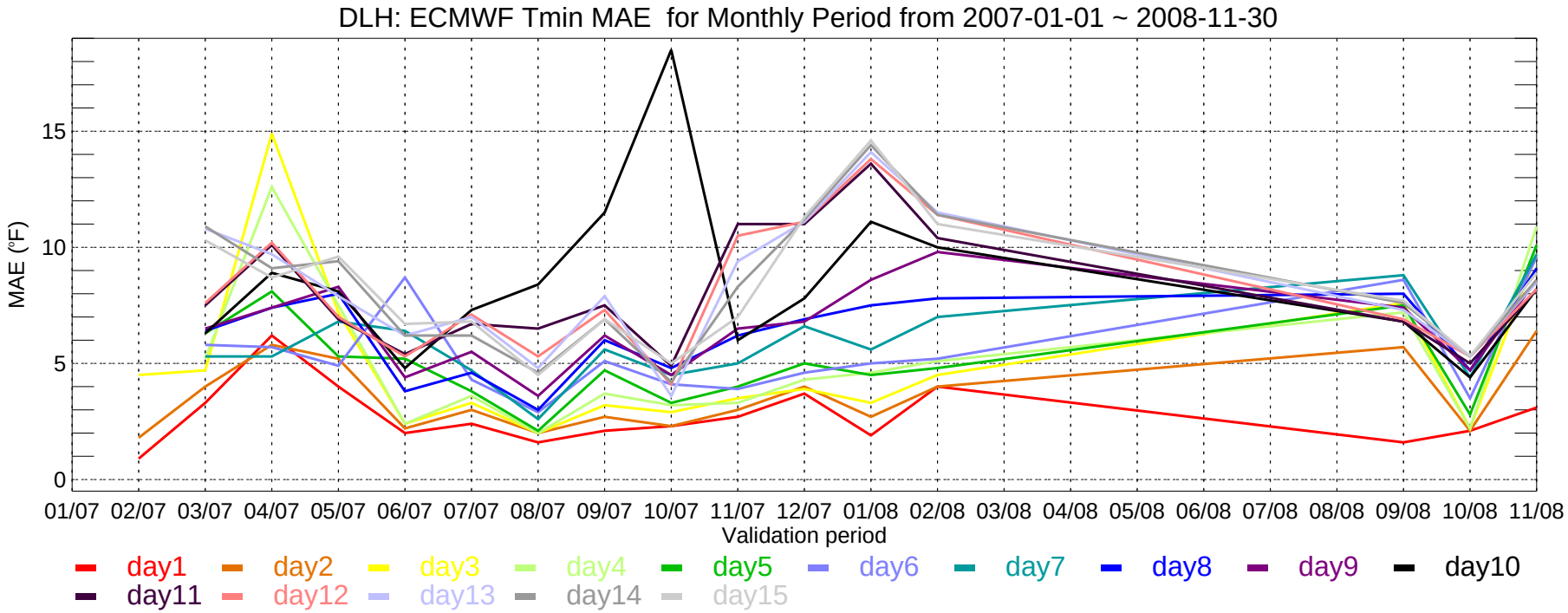

DFW: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

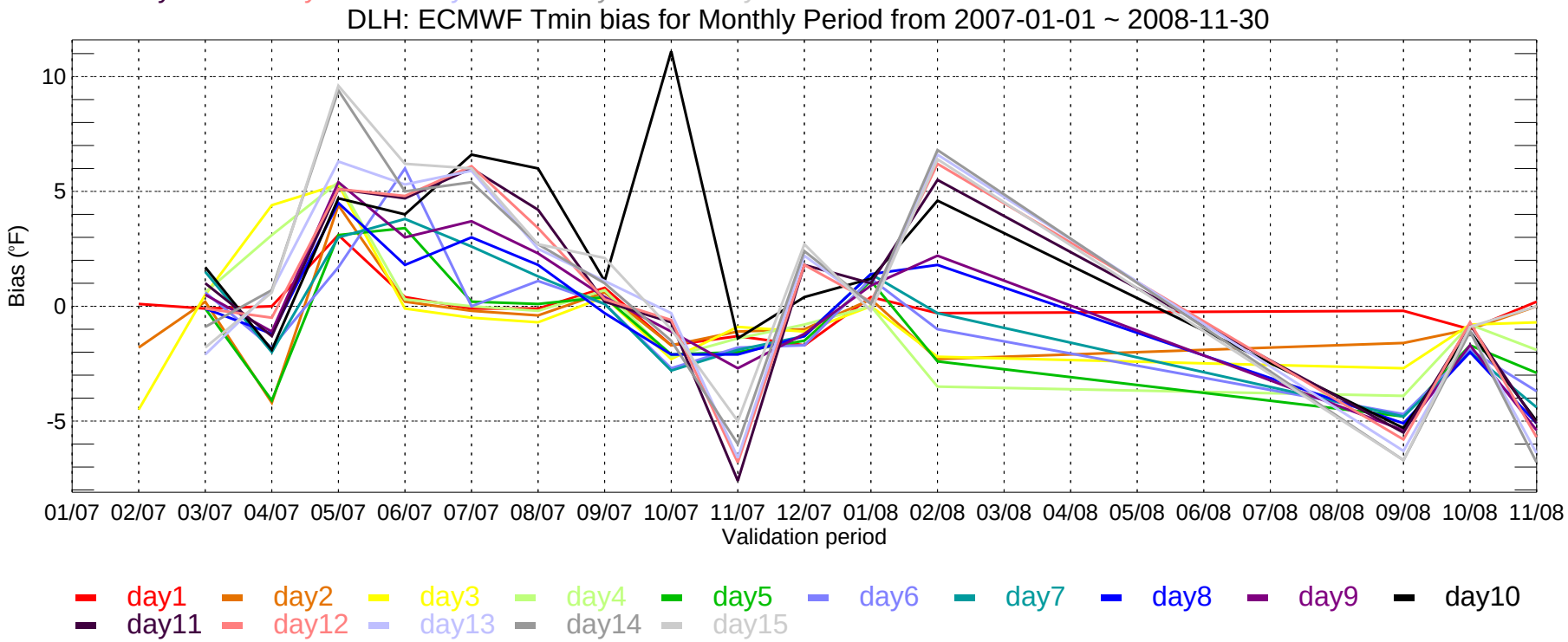

DFW: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

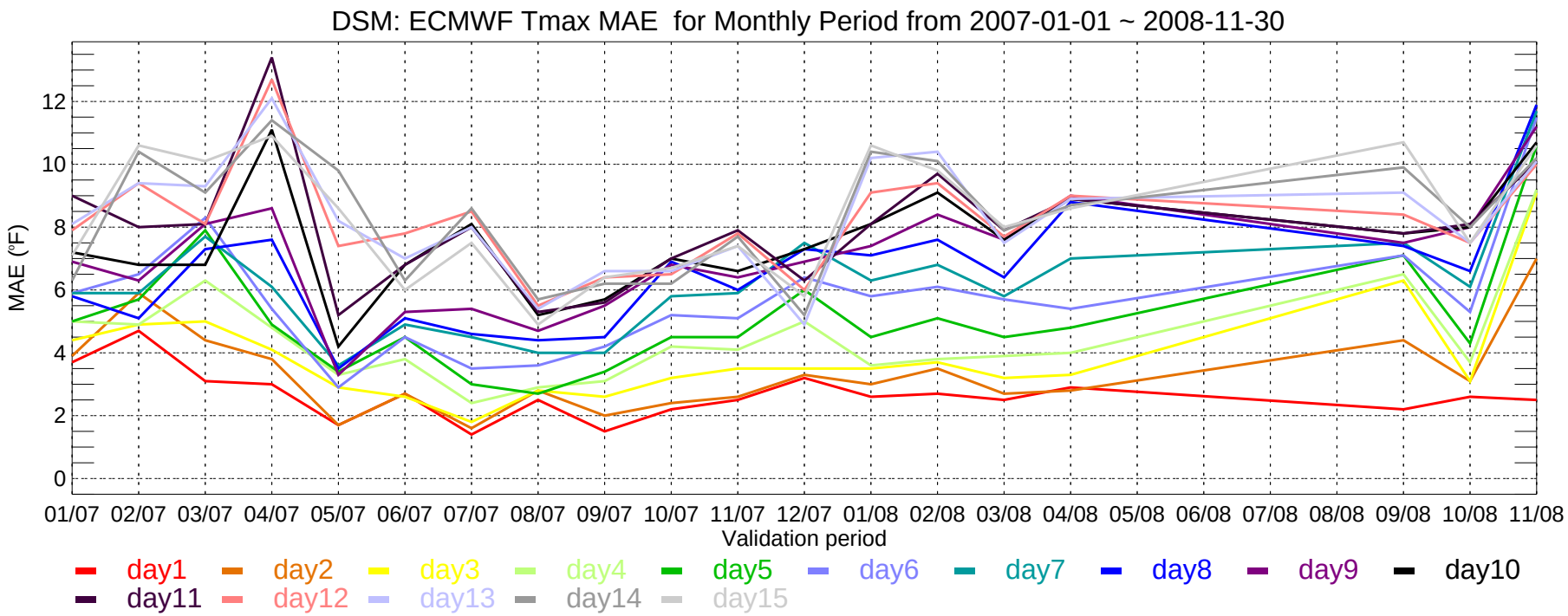

DFW: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

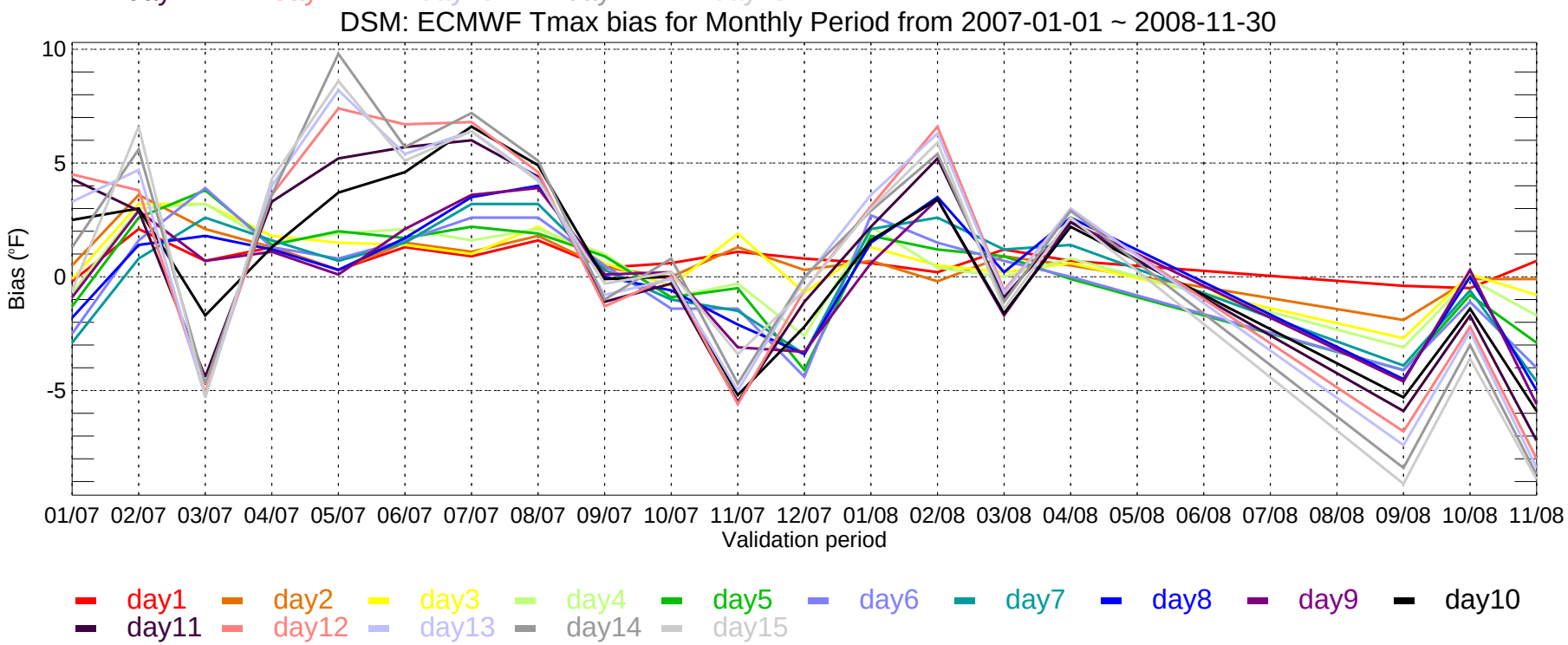

DLH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

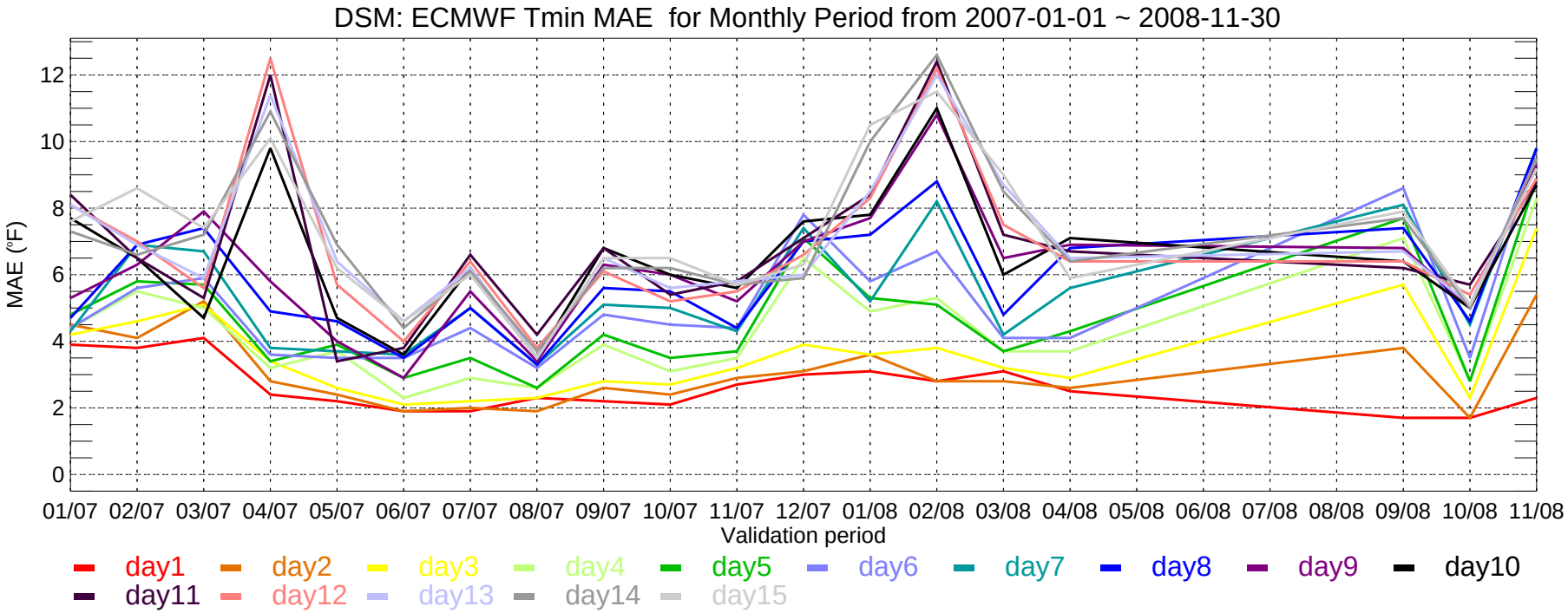

DLH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

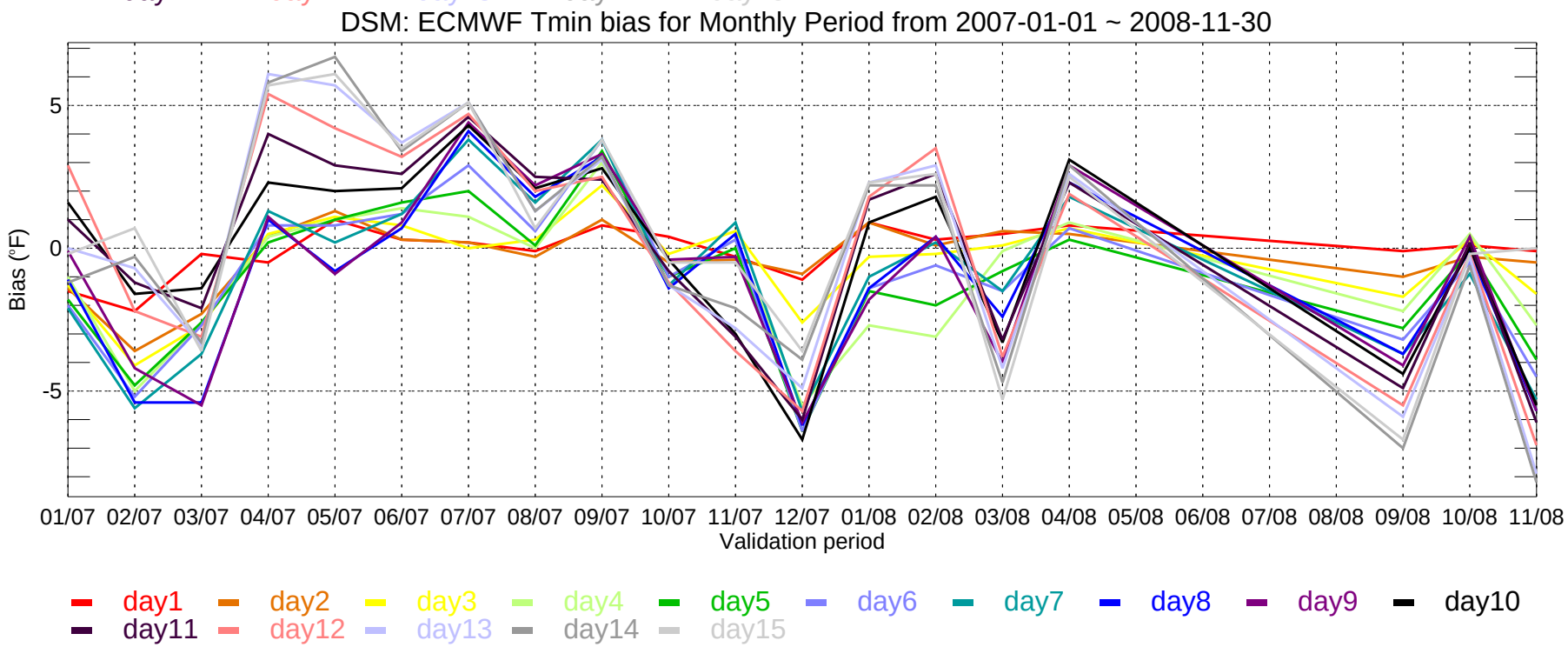

DLH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

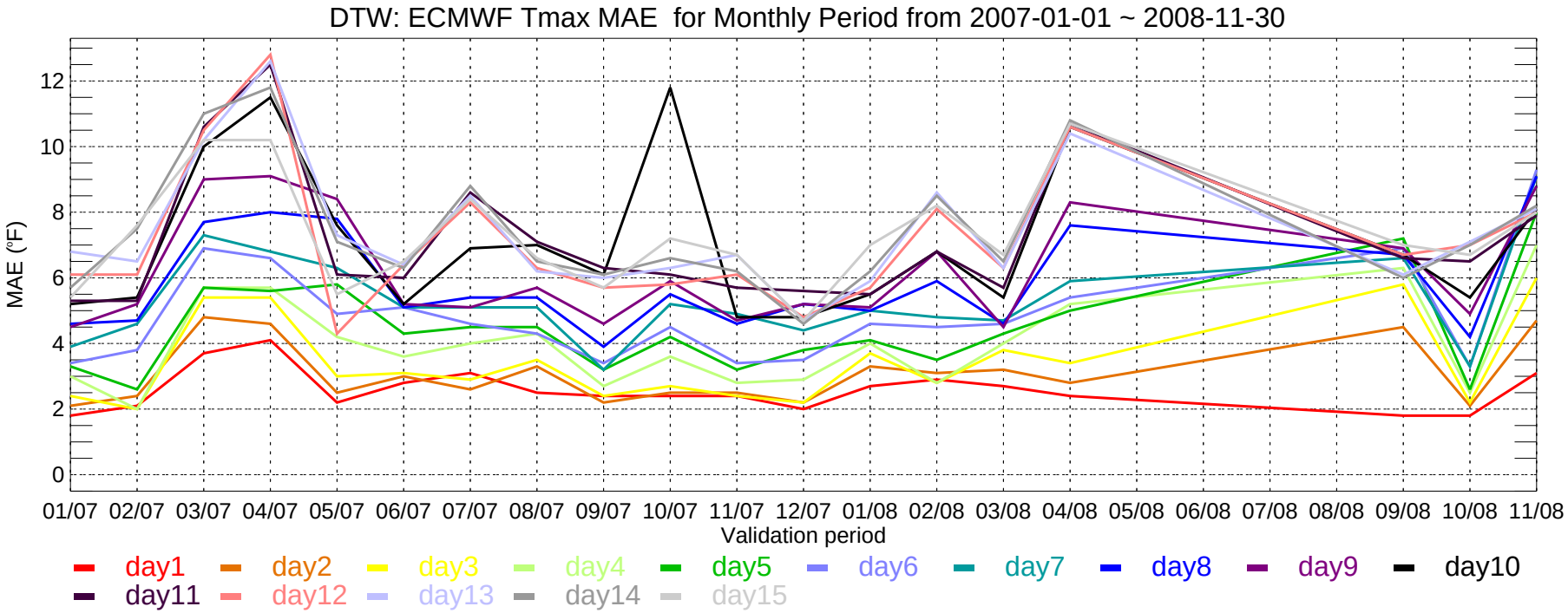

DLH: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

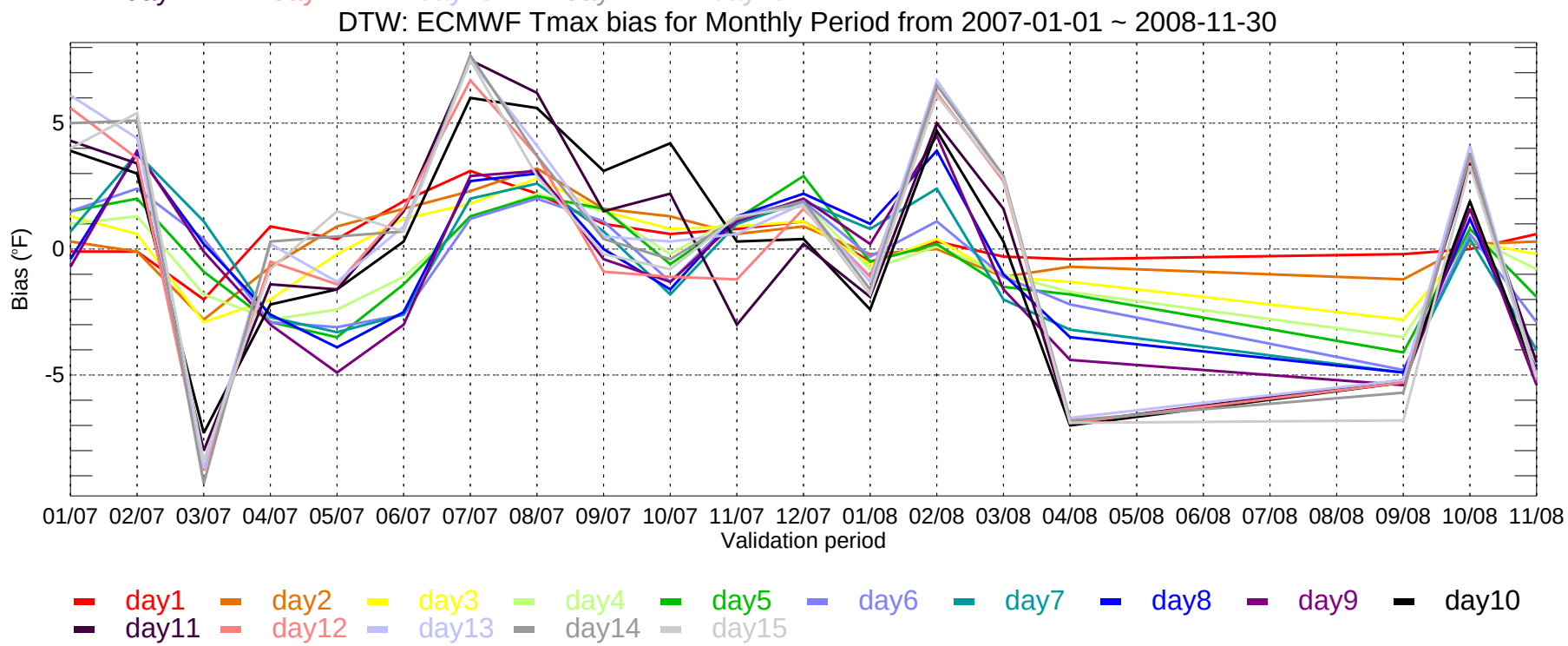

DSM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

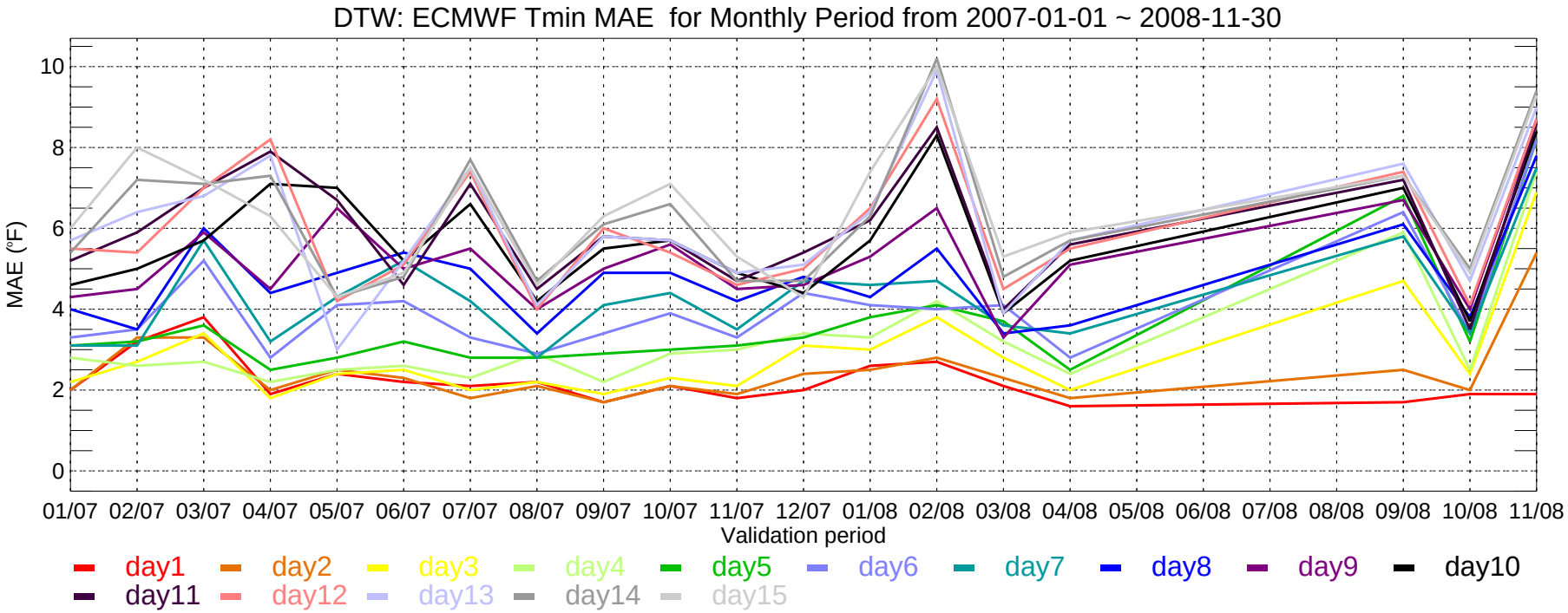

DSM: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

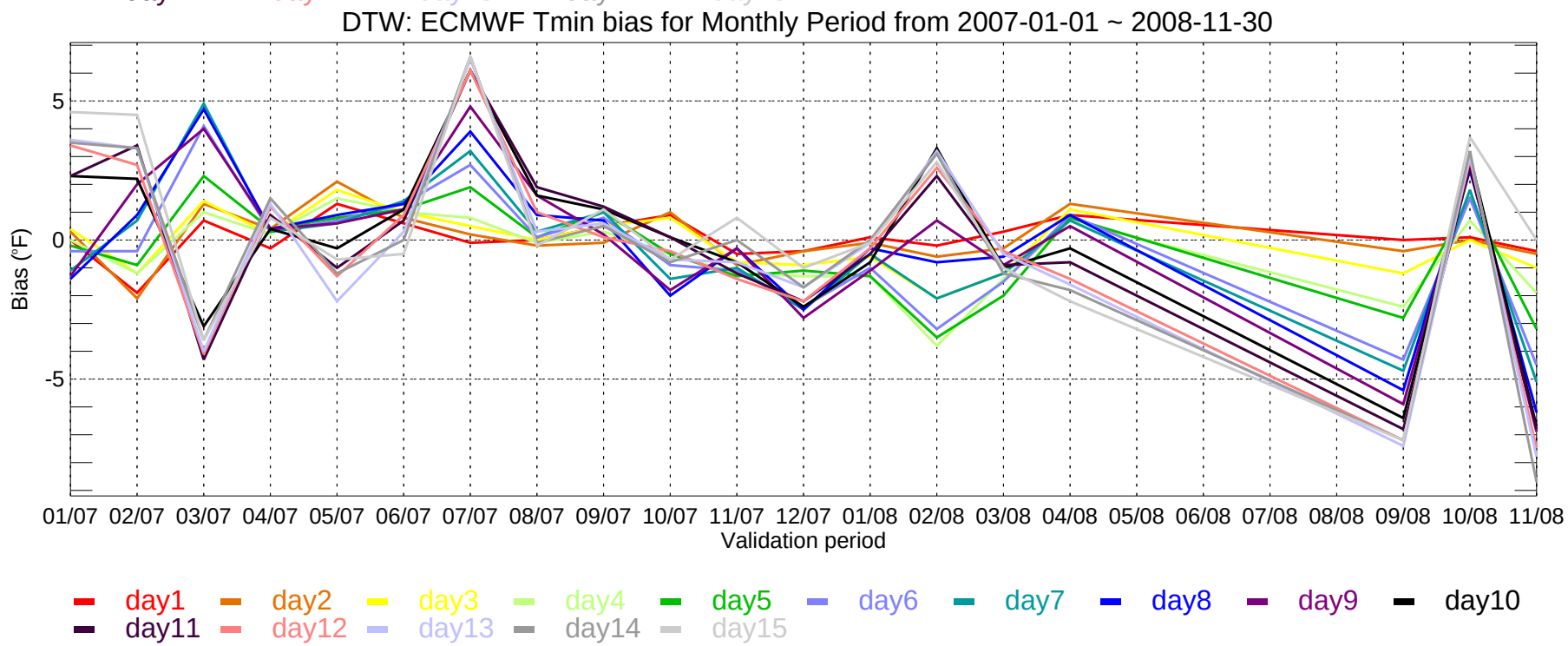

DSM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

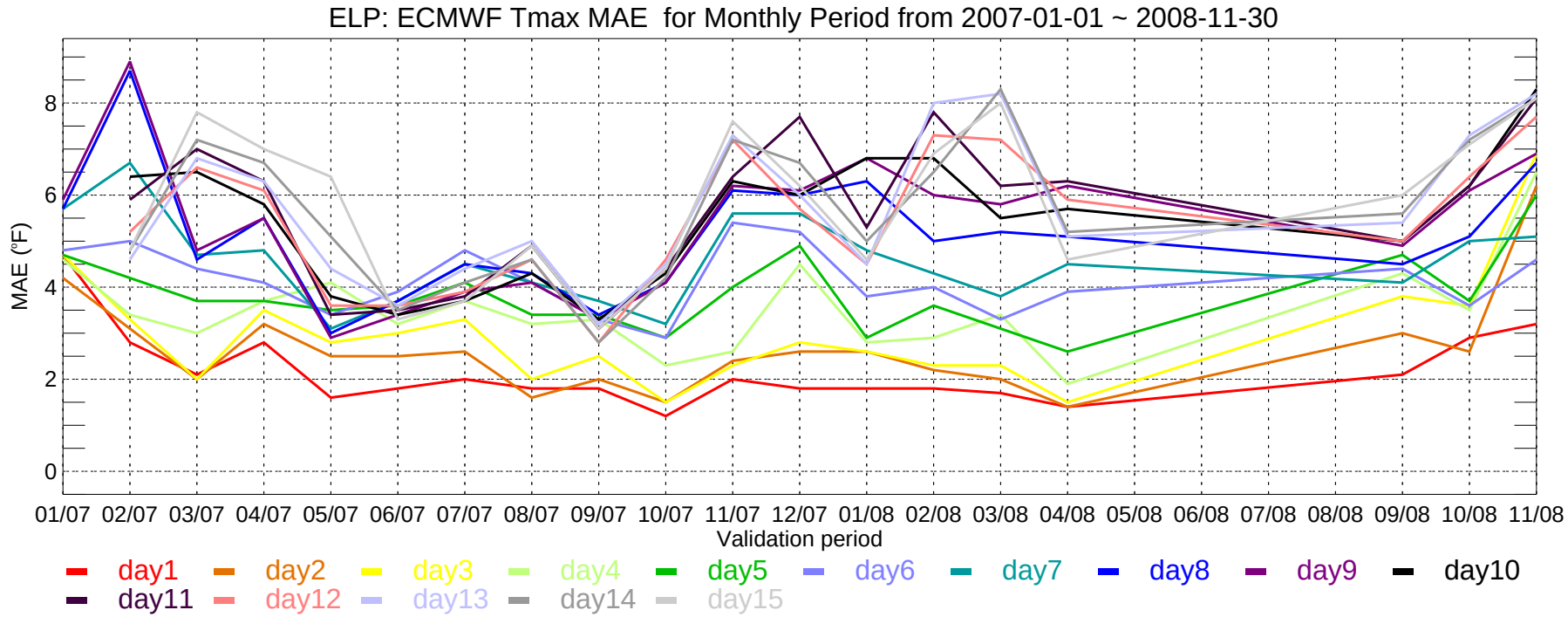

DSM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

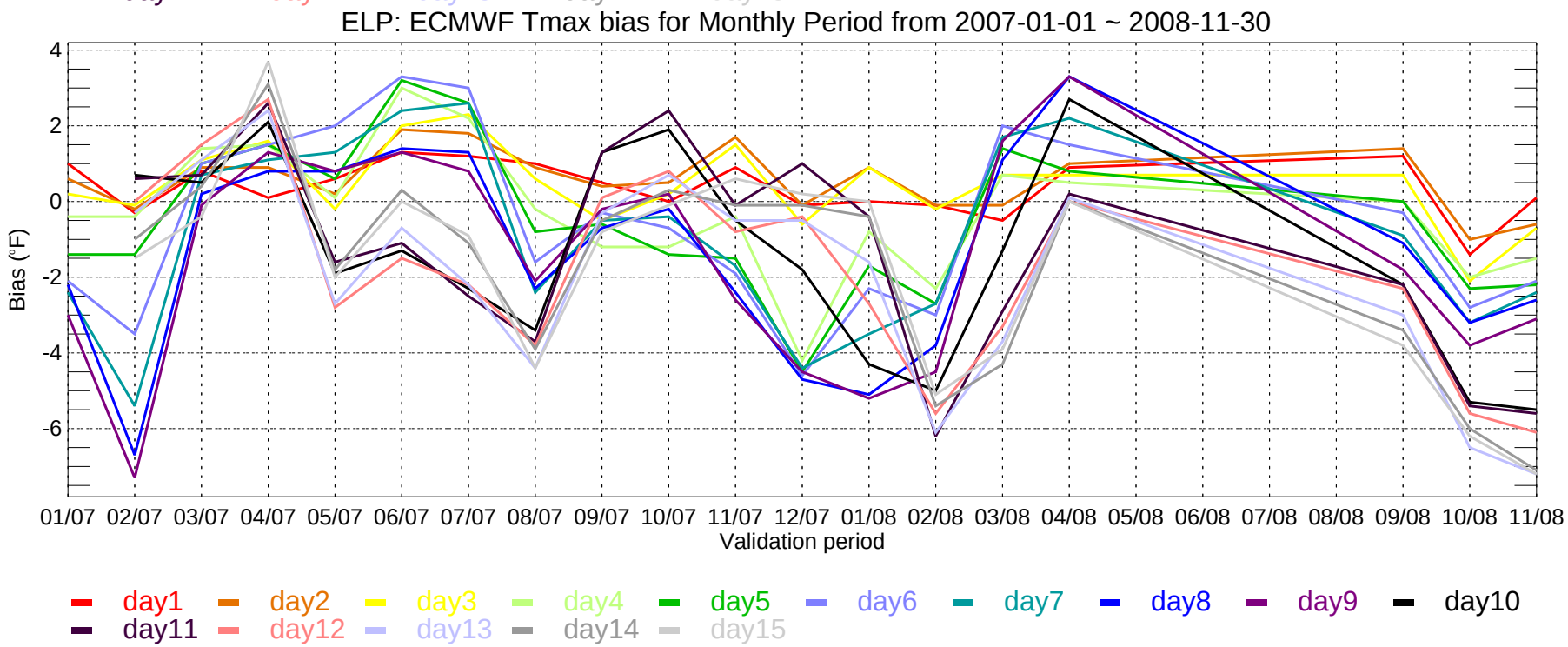

DTW: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

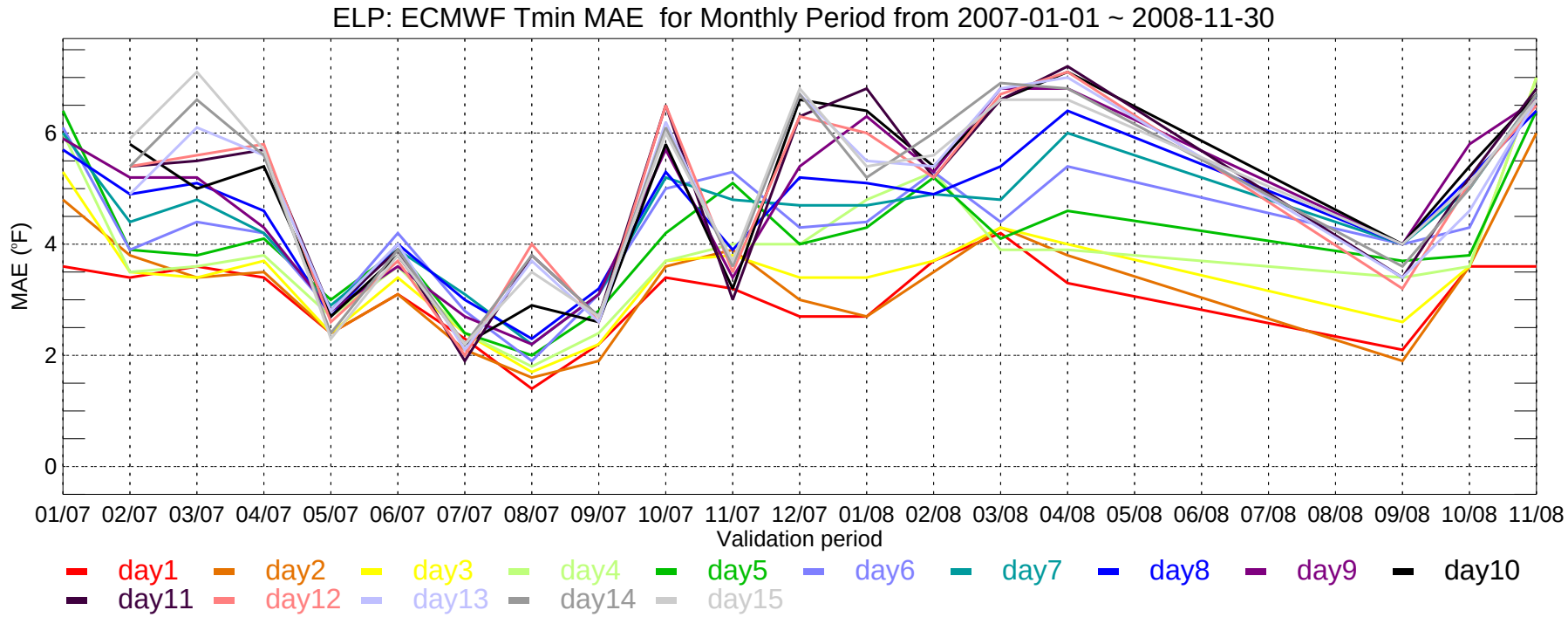

DTW: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

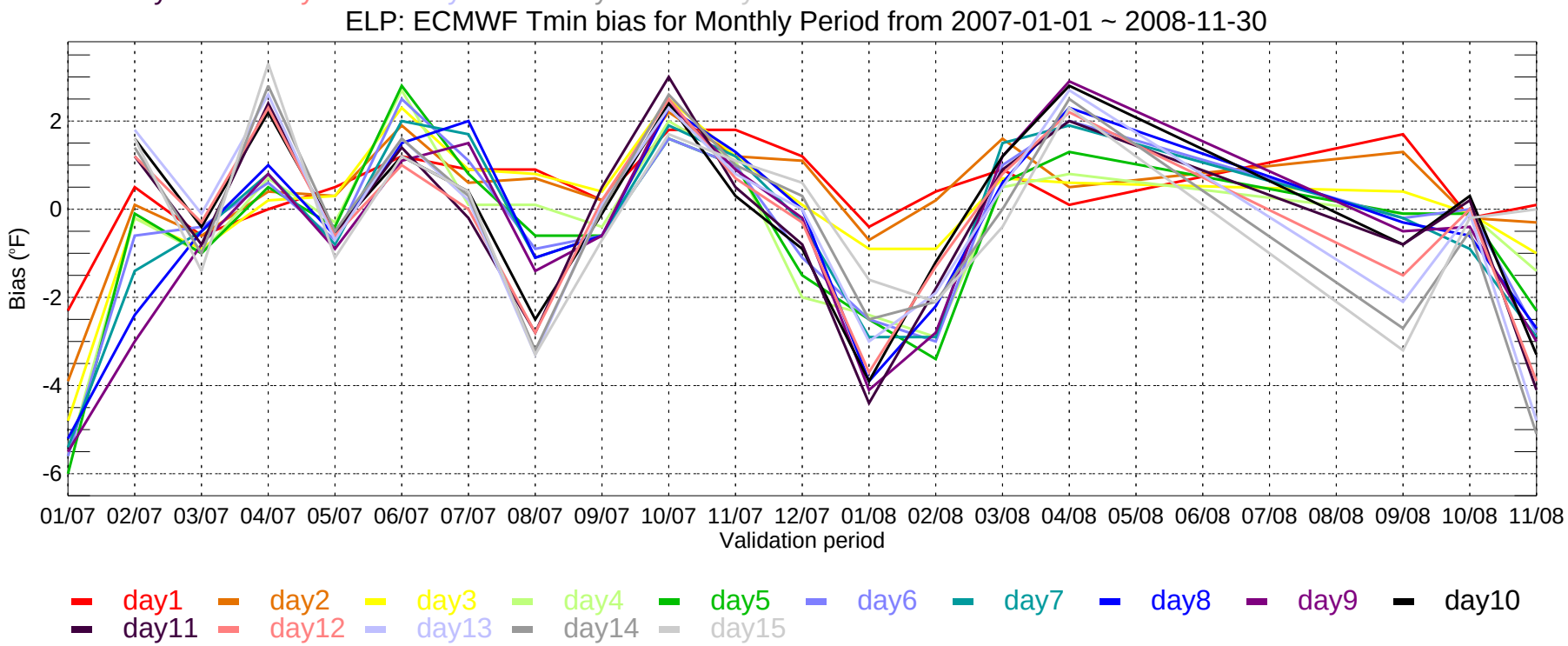

DTW: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

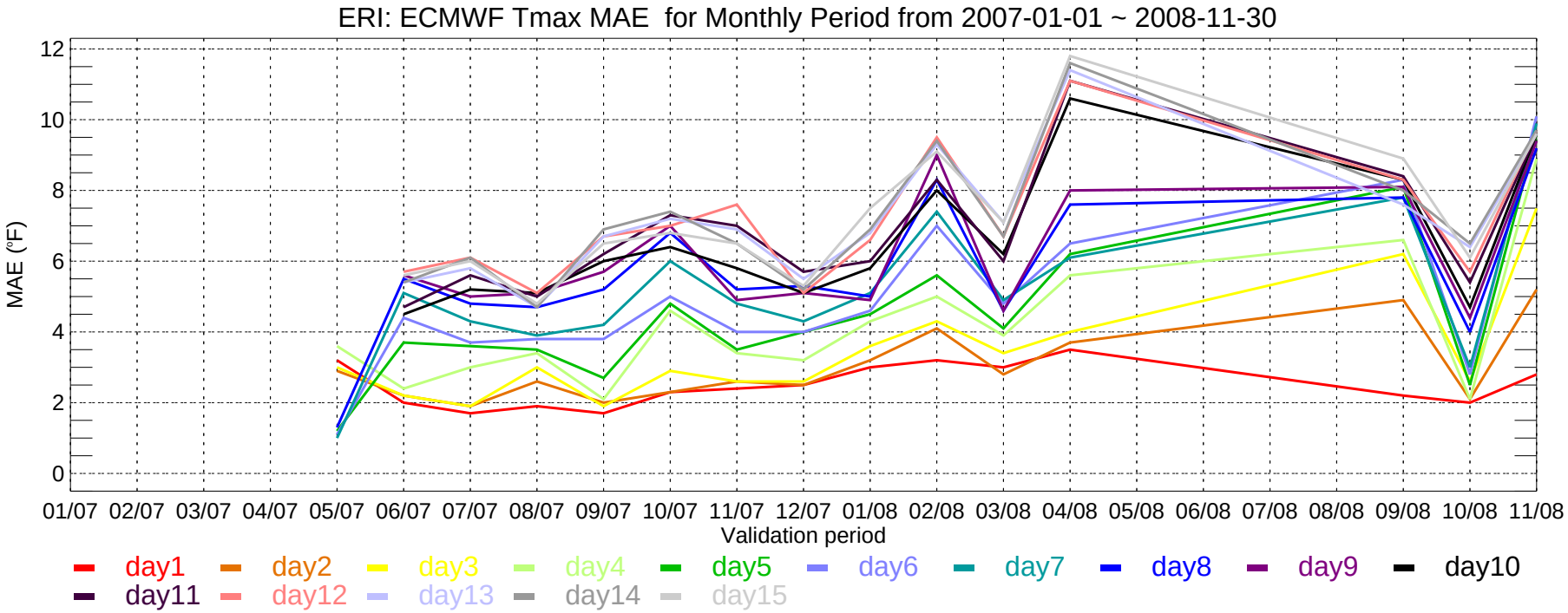

DTW: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

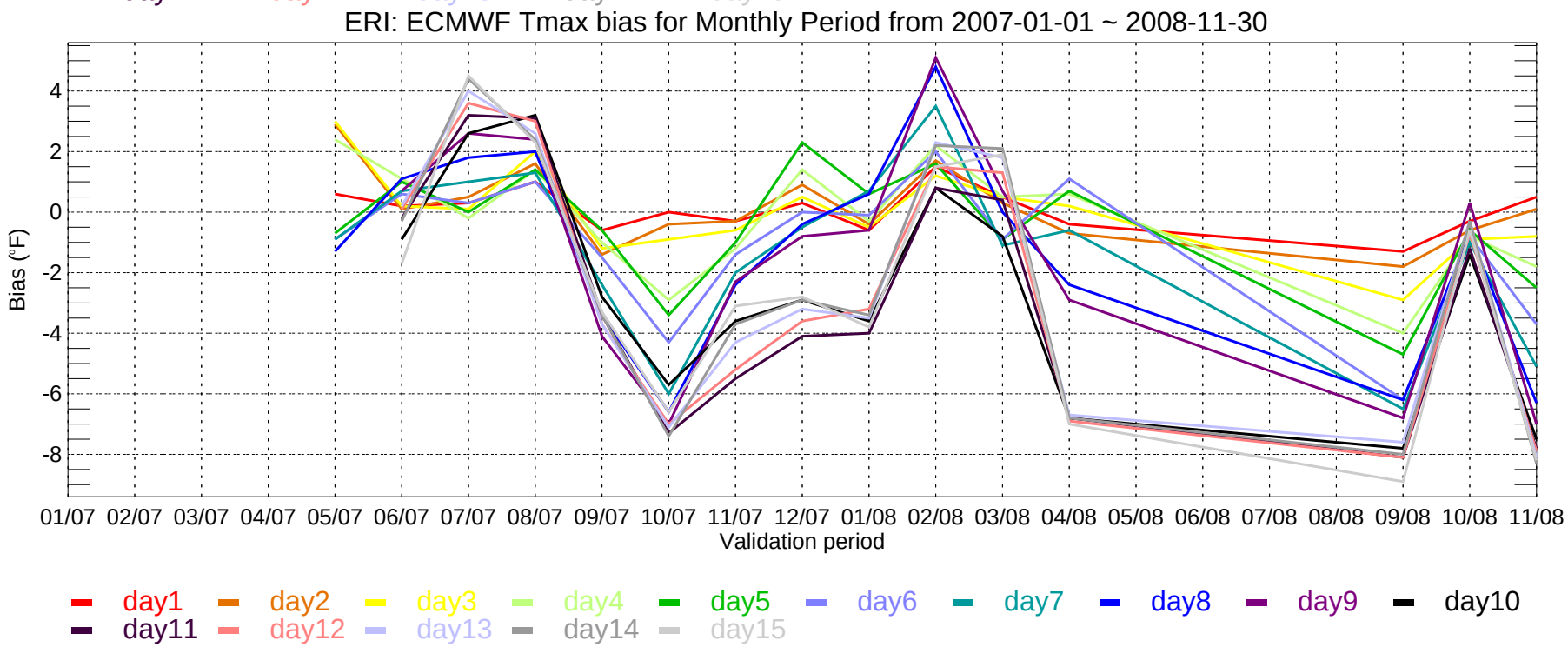

ELP: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

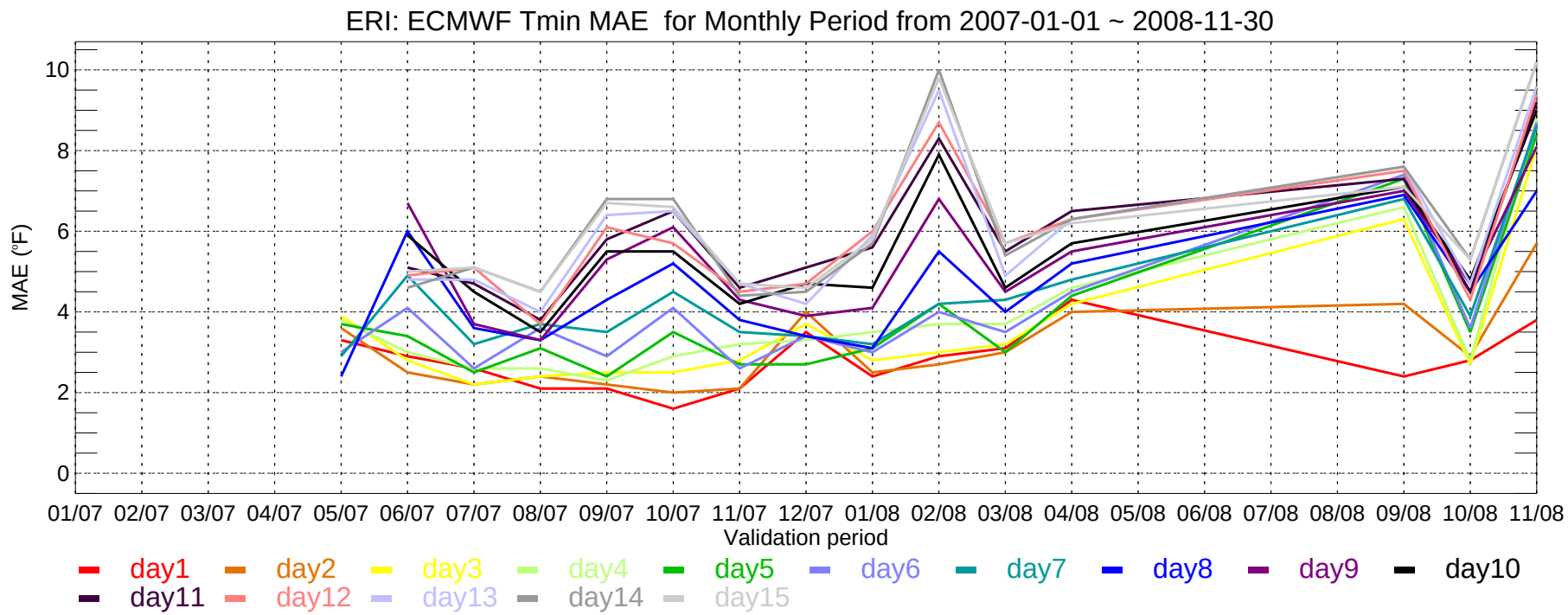

ELP: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

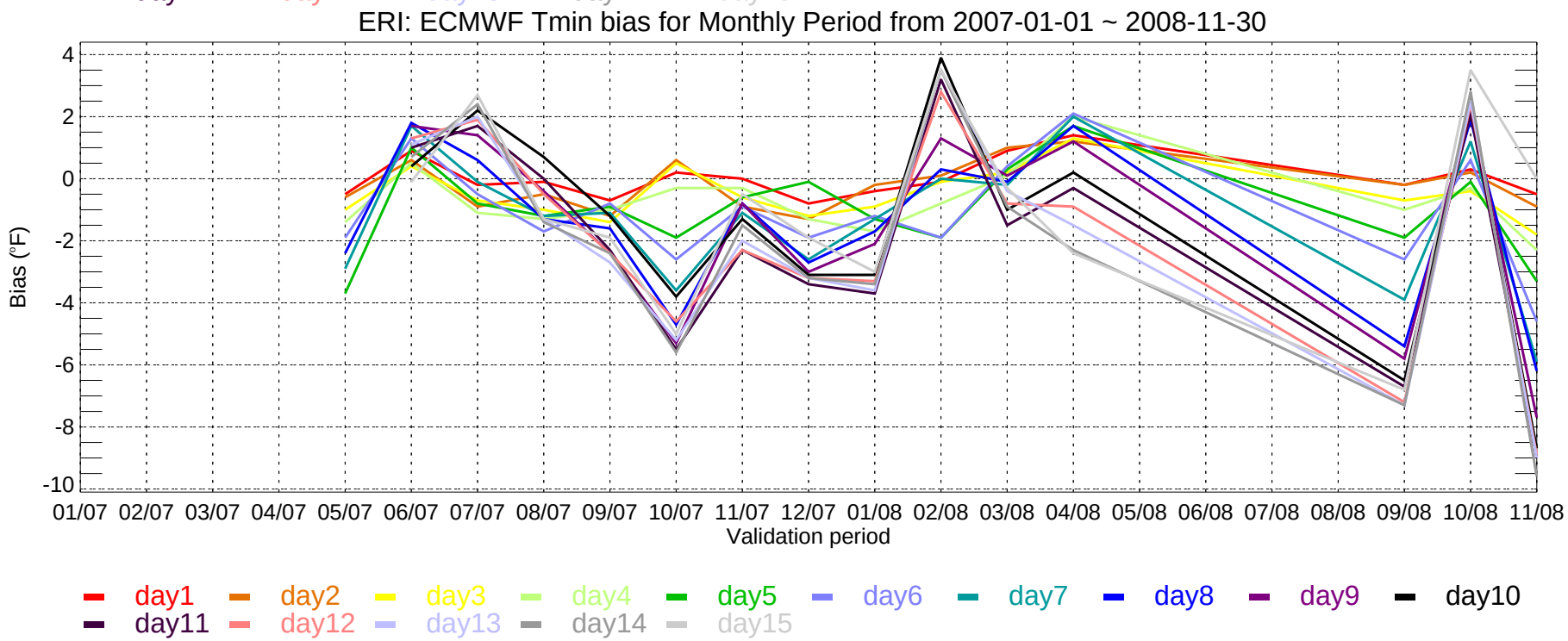

ELP: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

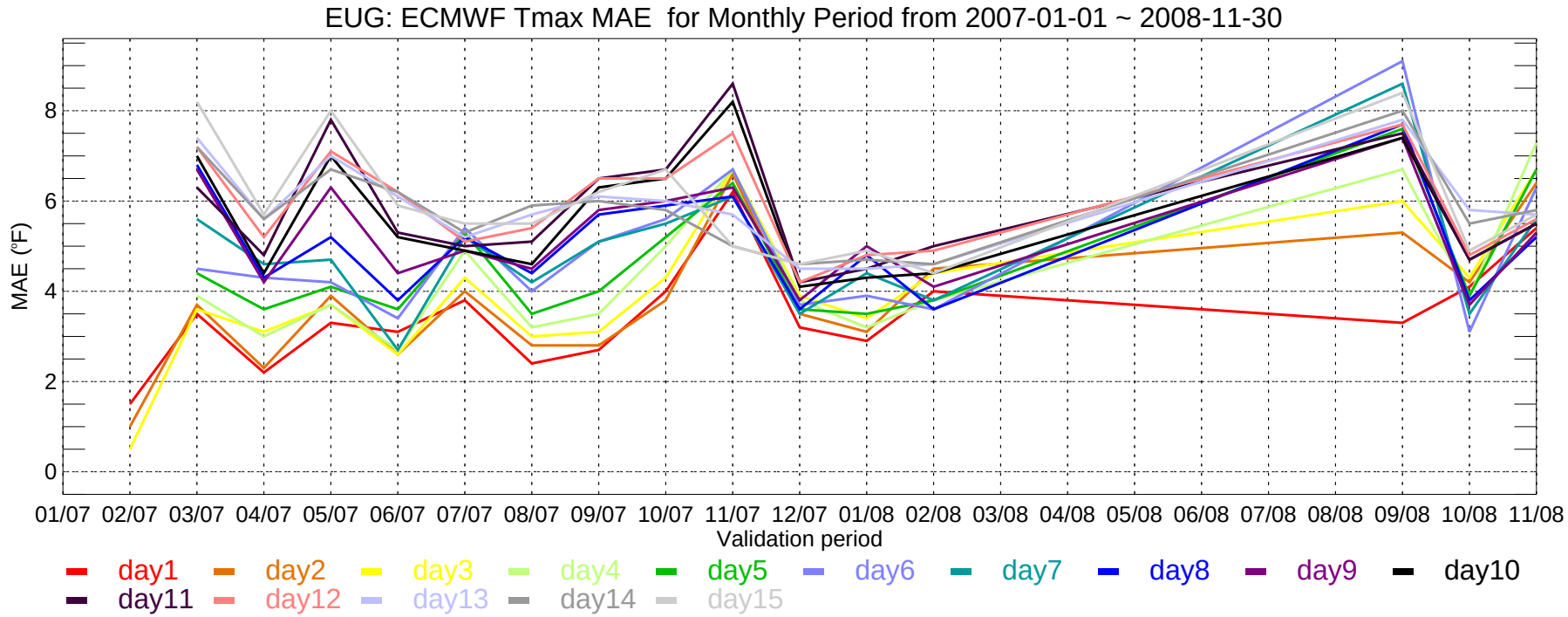

ELP: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

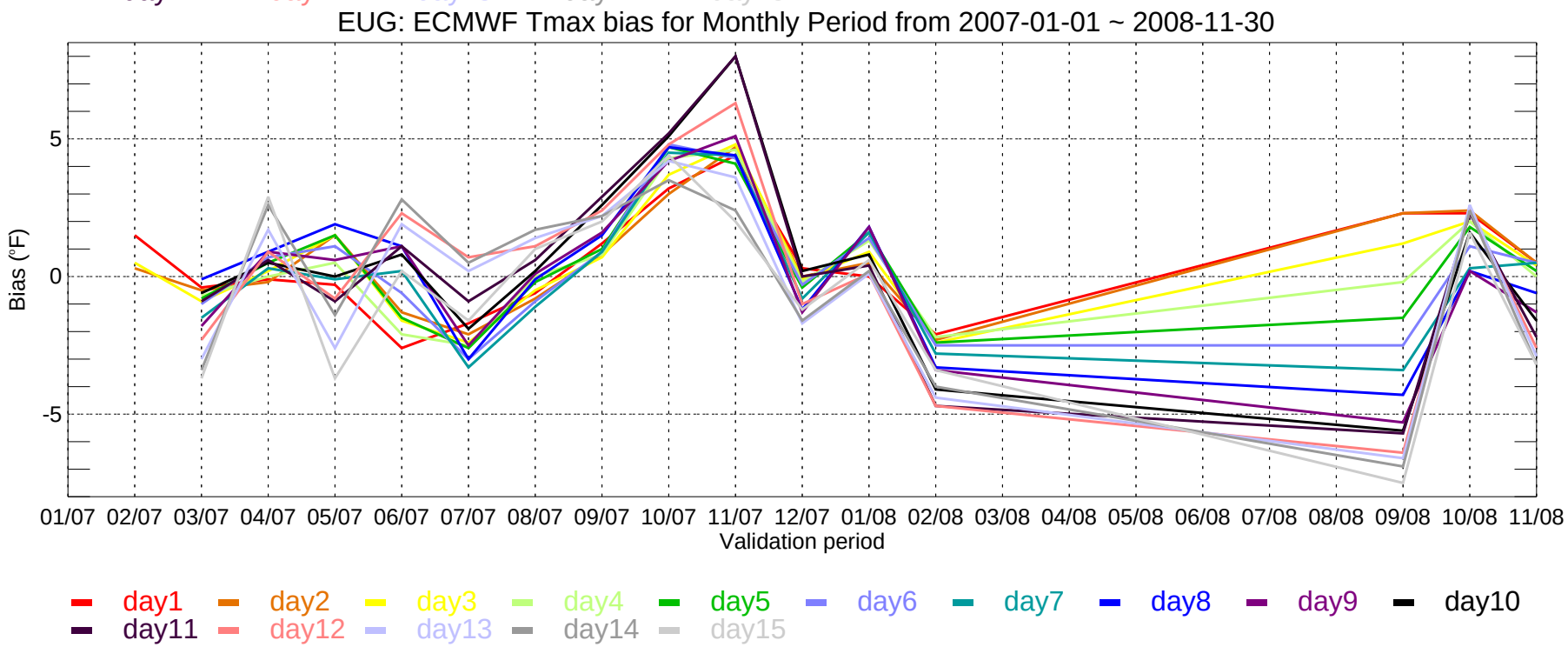

ERI: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

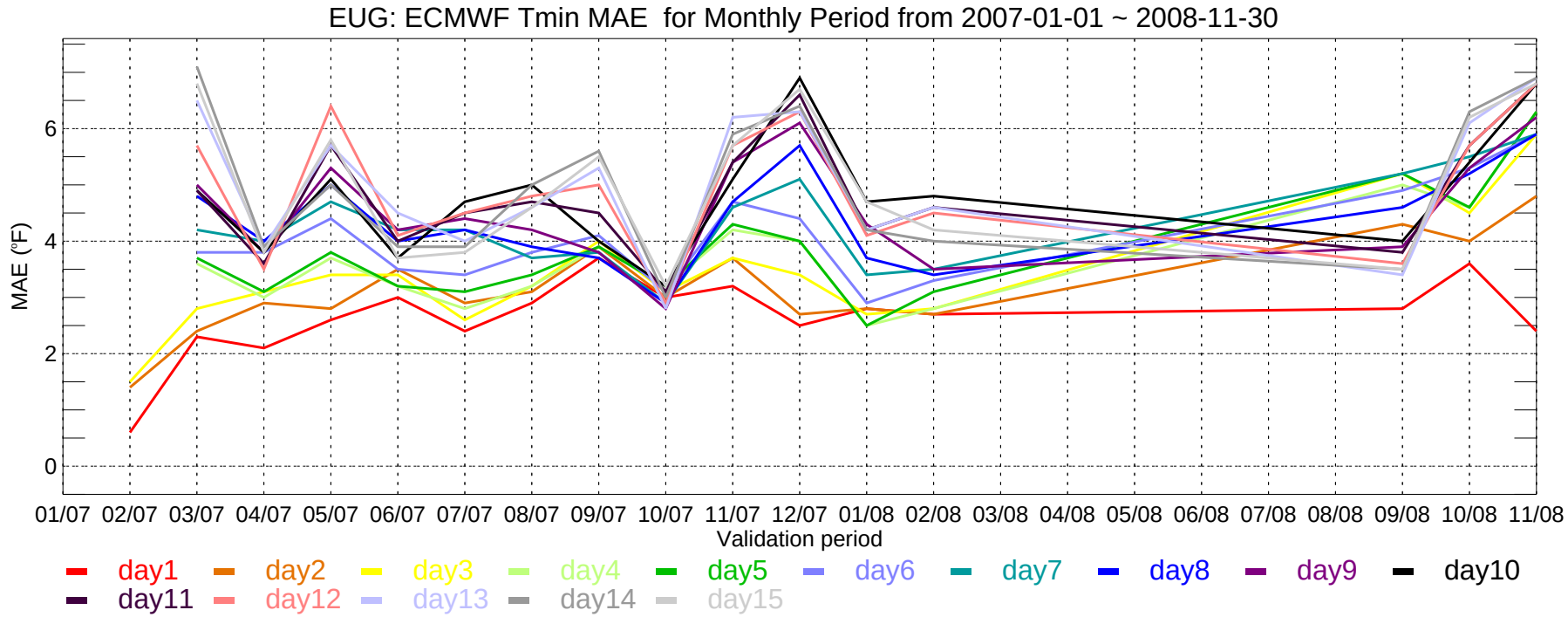

ERI: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ERI: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ERI: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


EUG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


EUG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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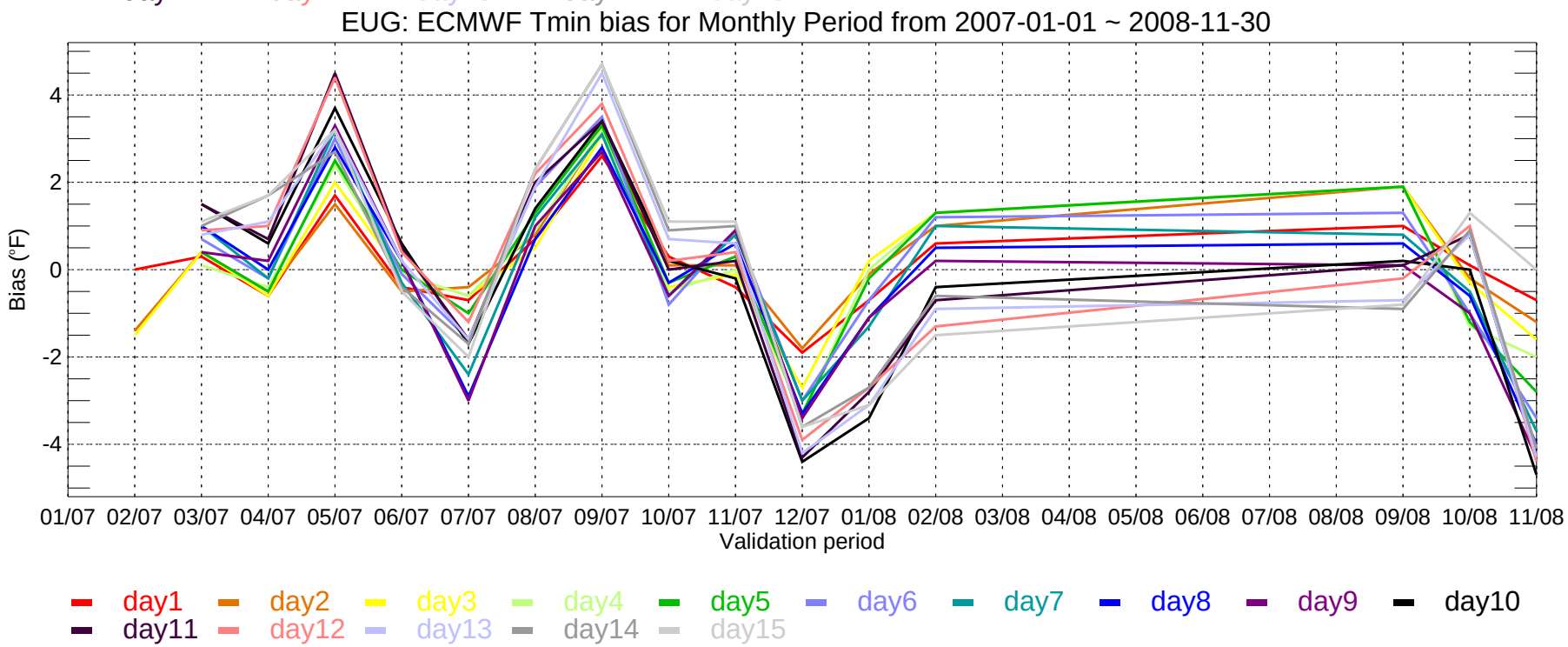
EUG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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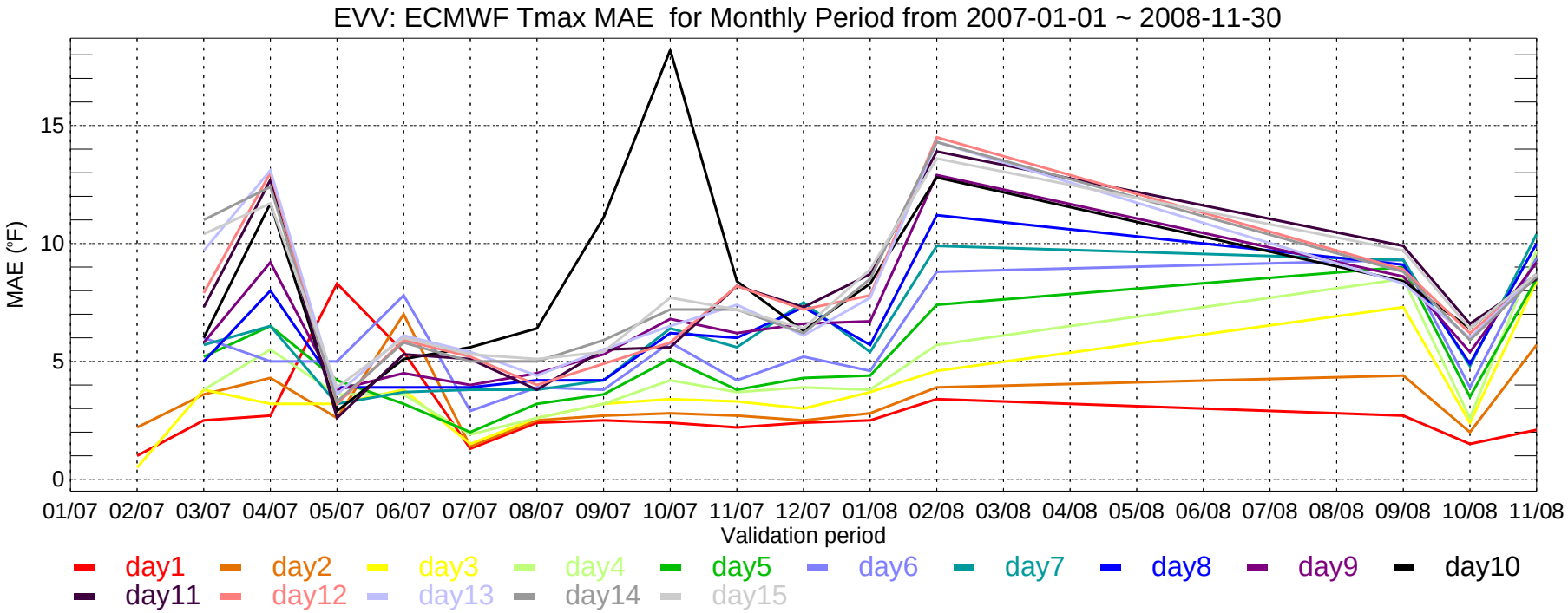
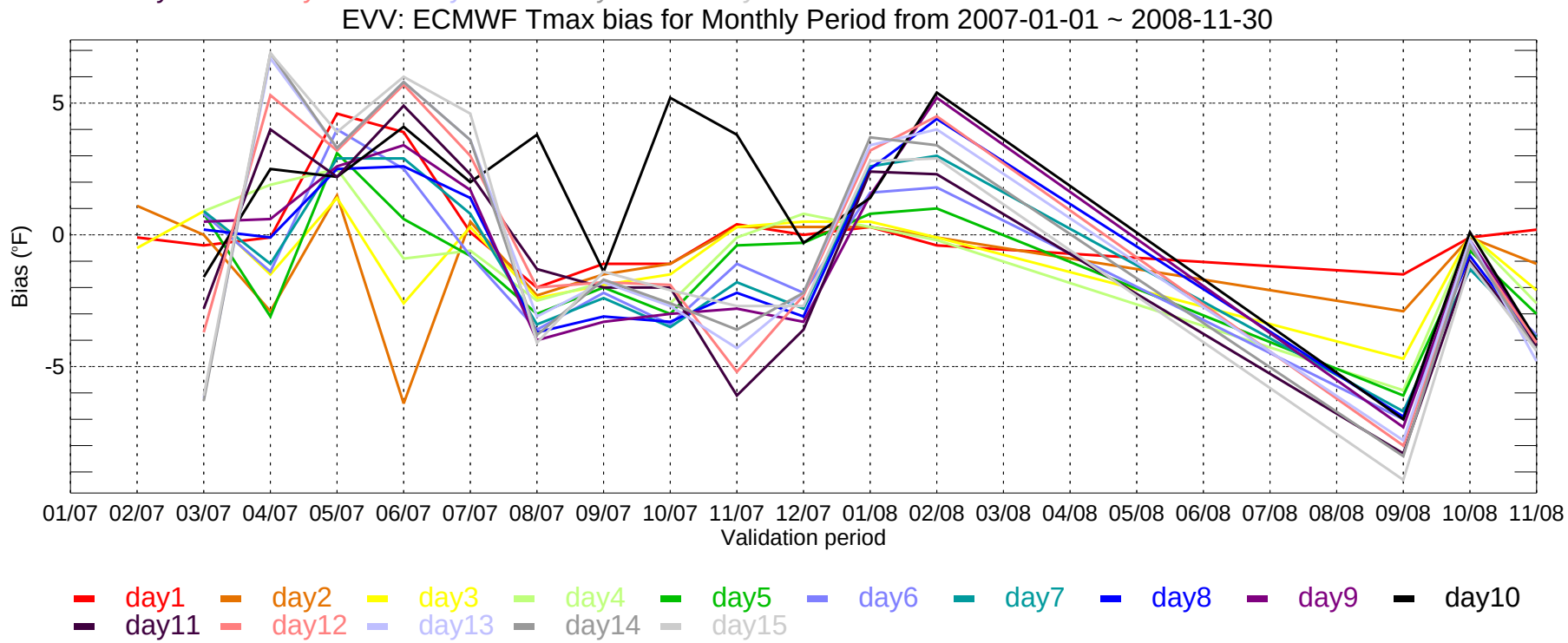
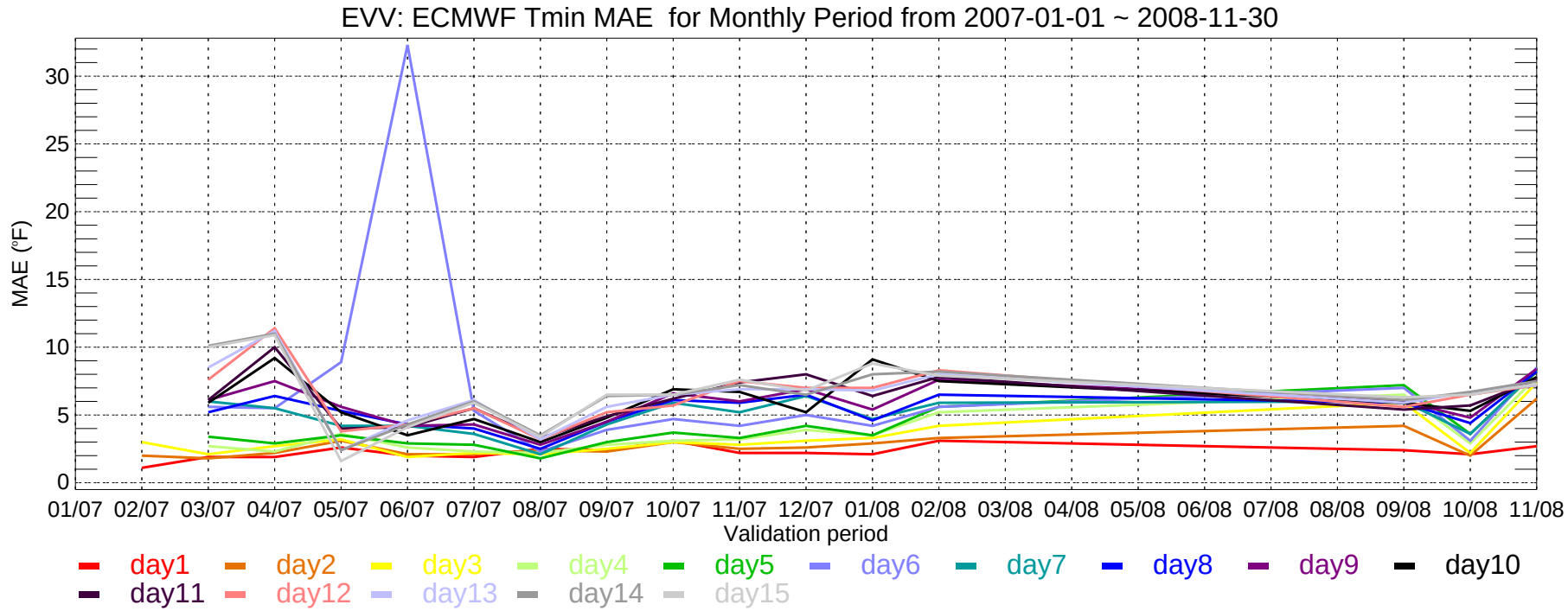
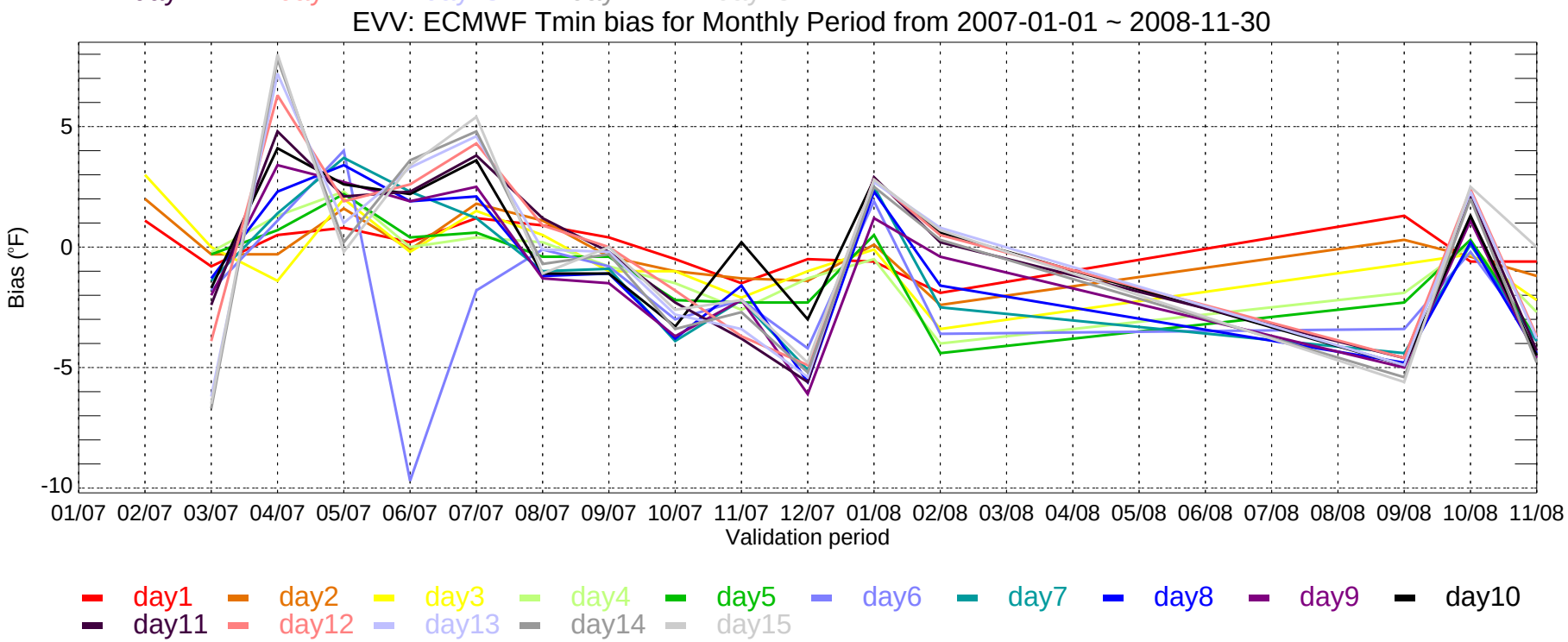
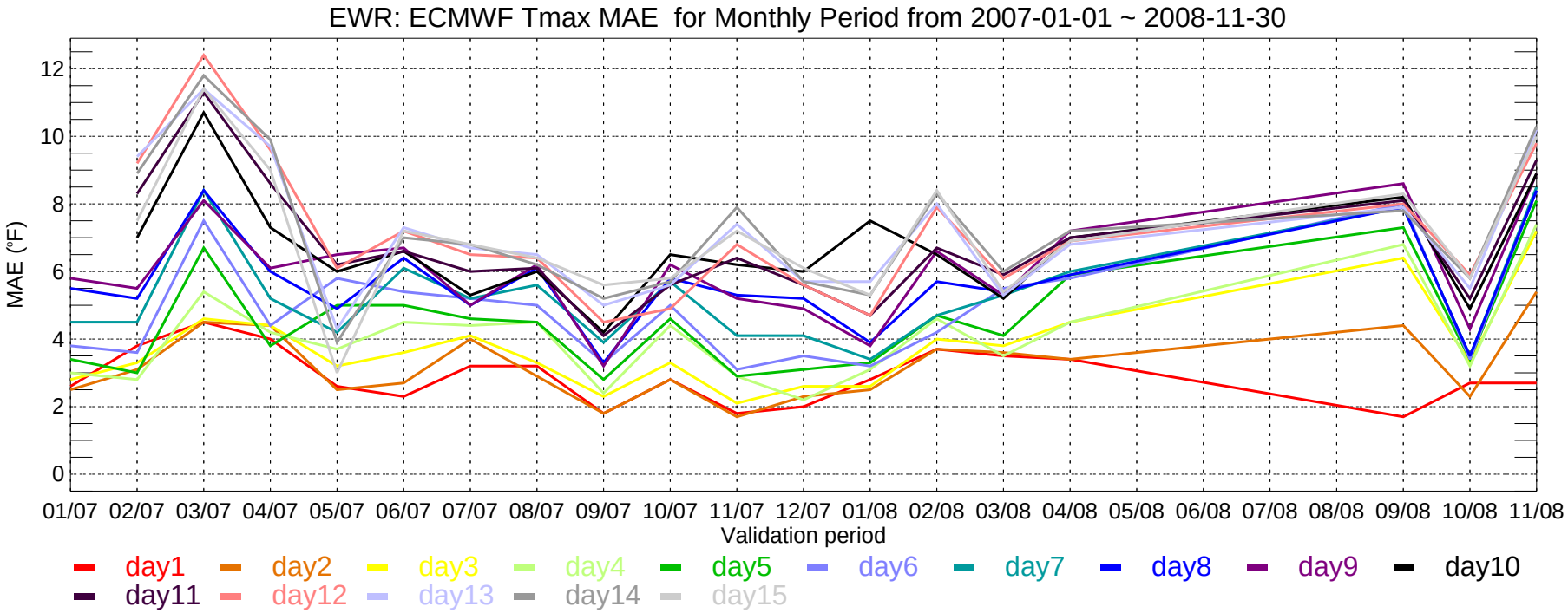

EVV: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


EVV: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


EVV: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
20
25
30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


EVV: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


EWR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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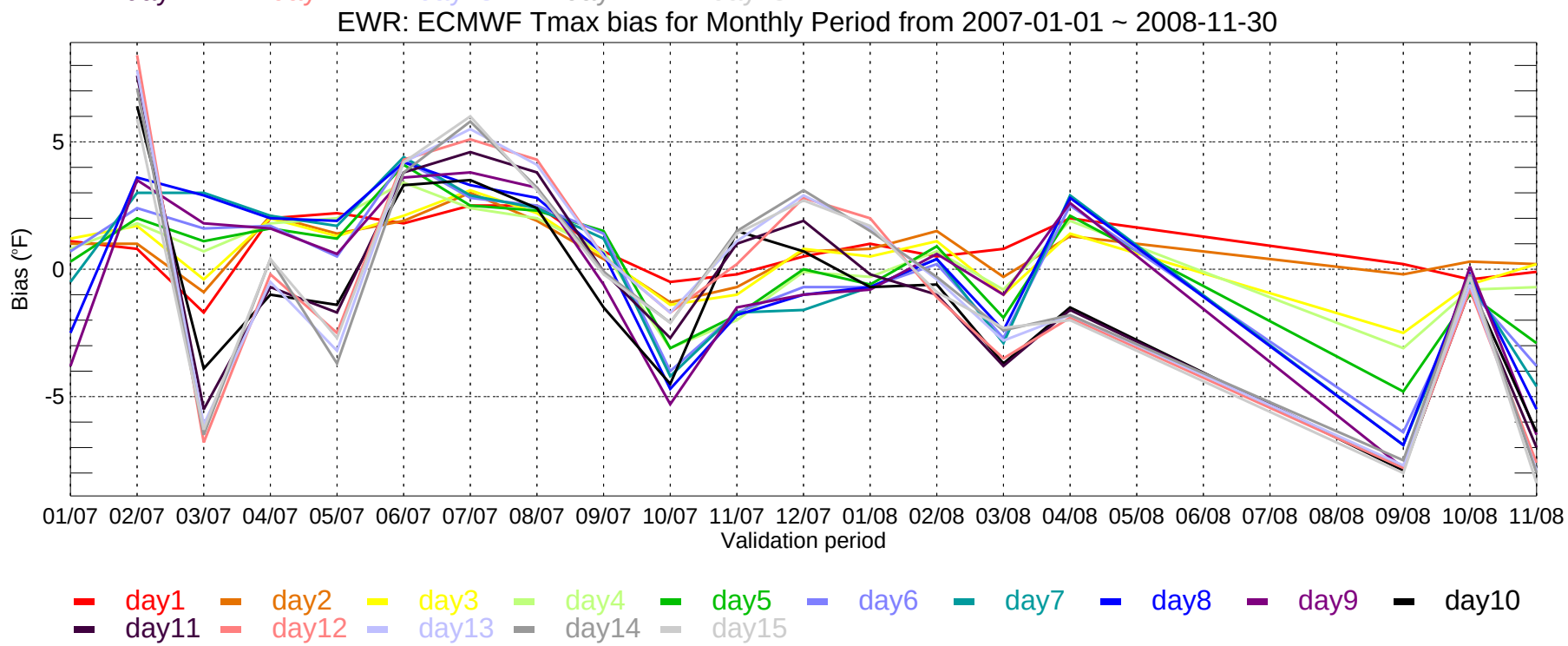
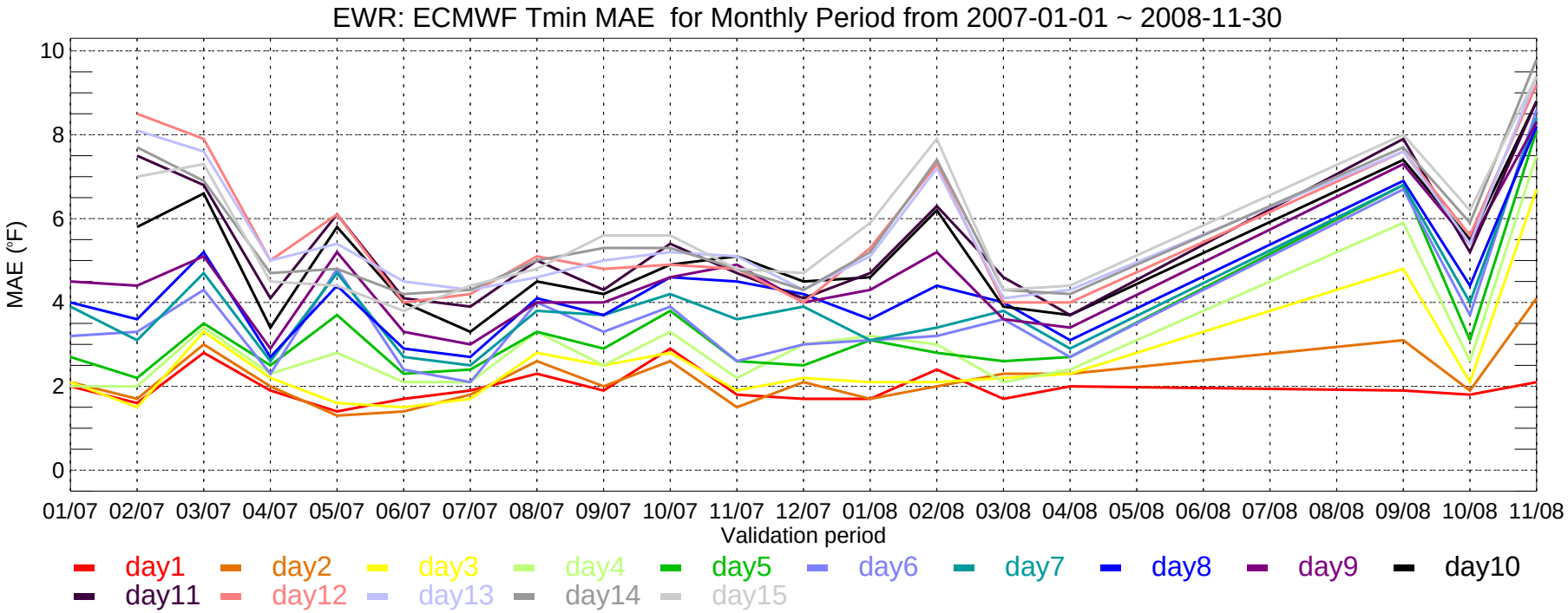
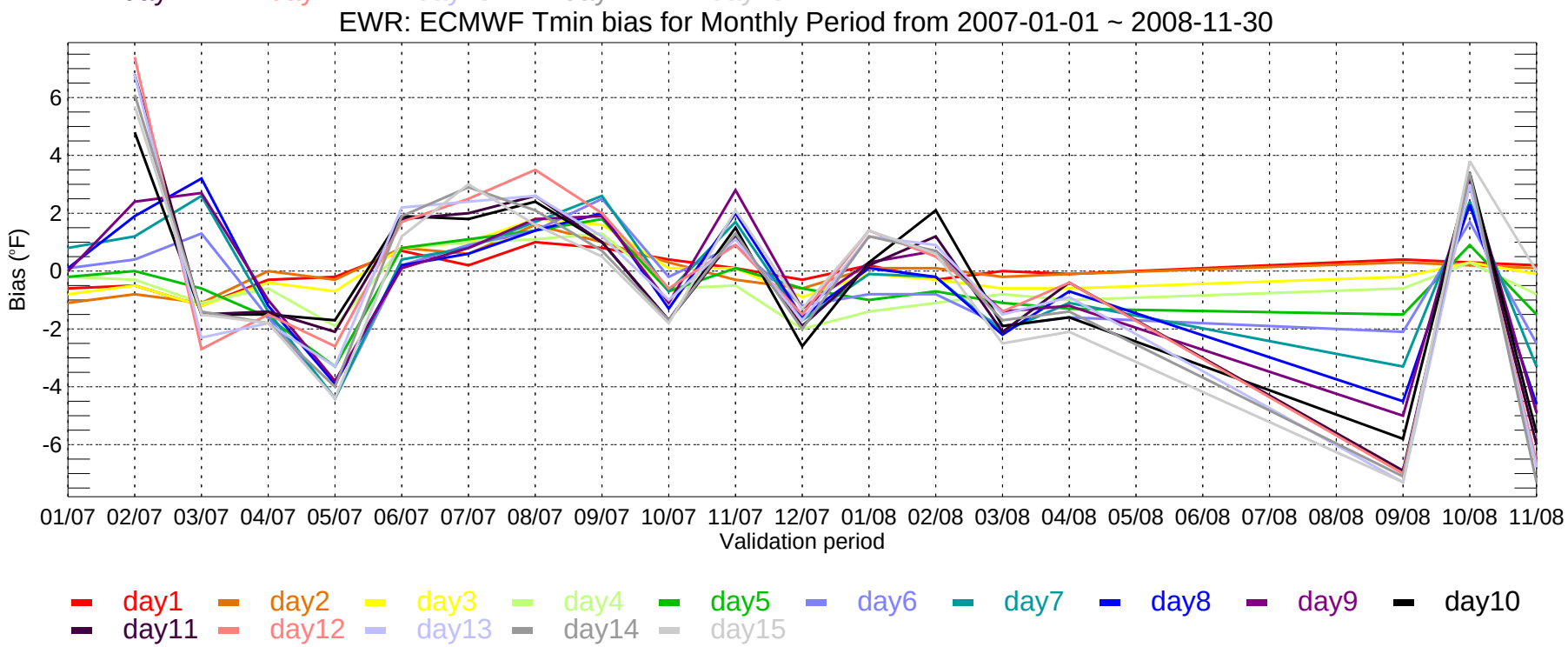
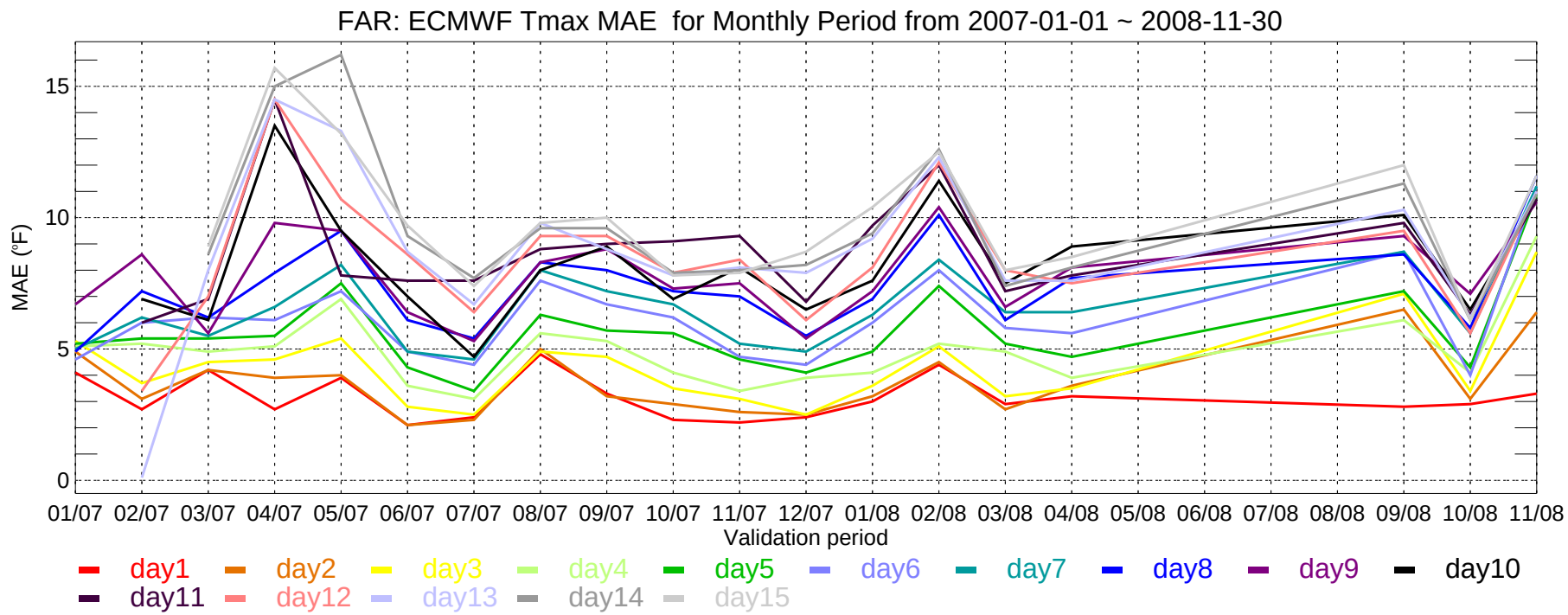
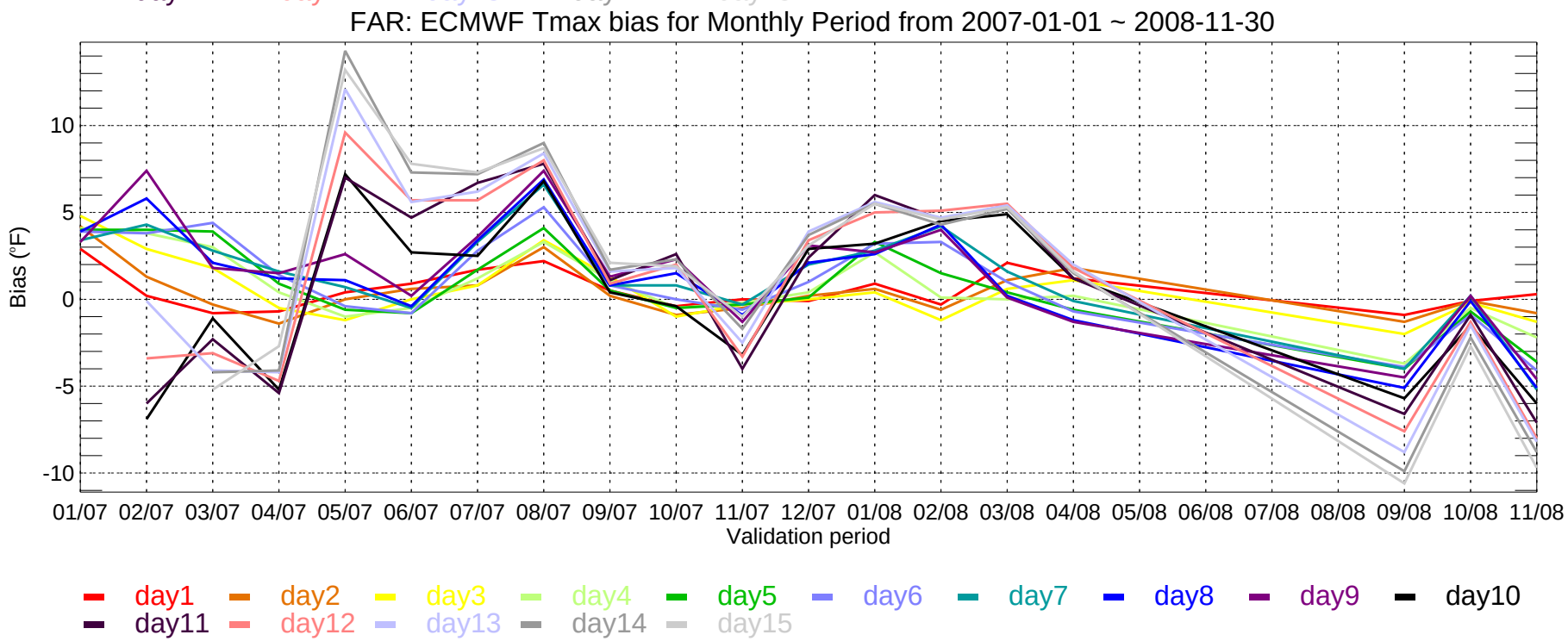
day11 day12 day13 day14 day15

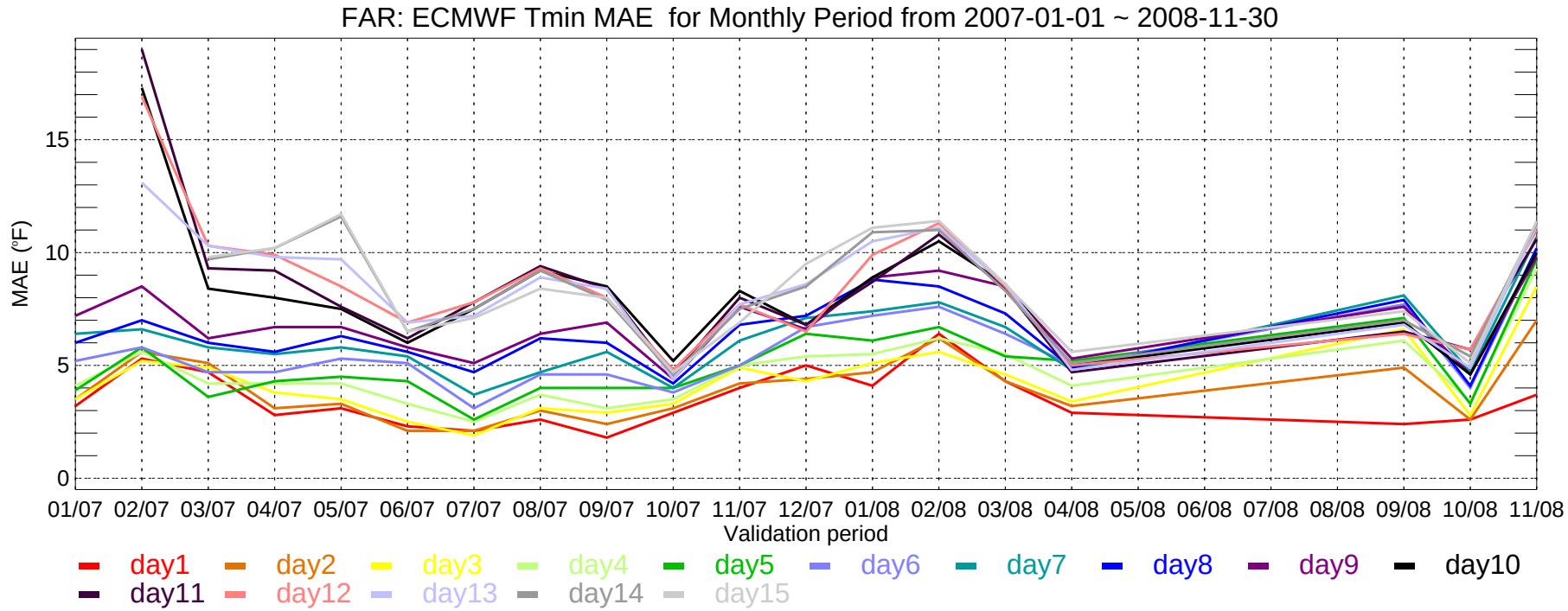

EWR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


EWR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


EWR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FAR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FAR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FAR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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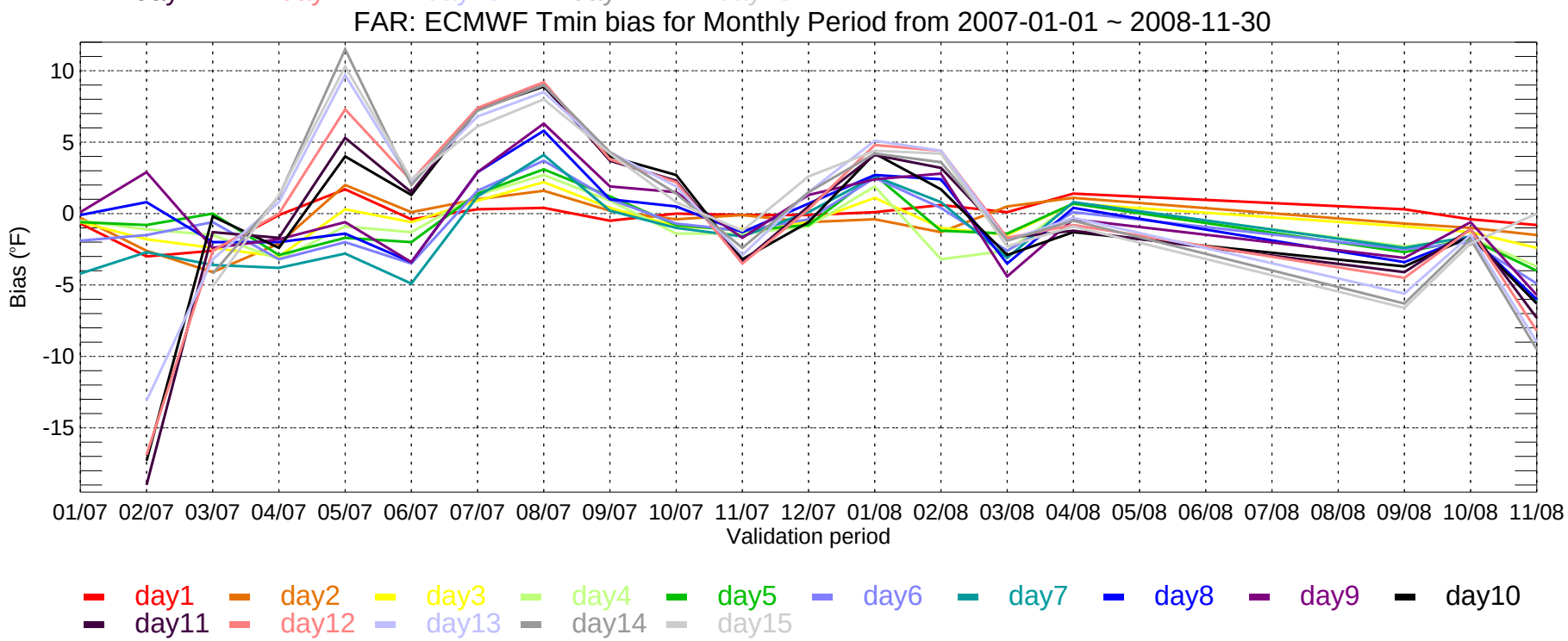
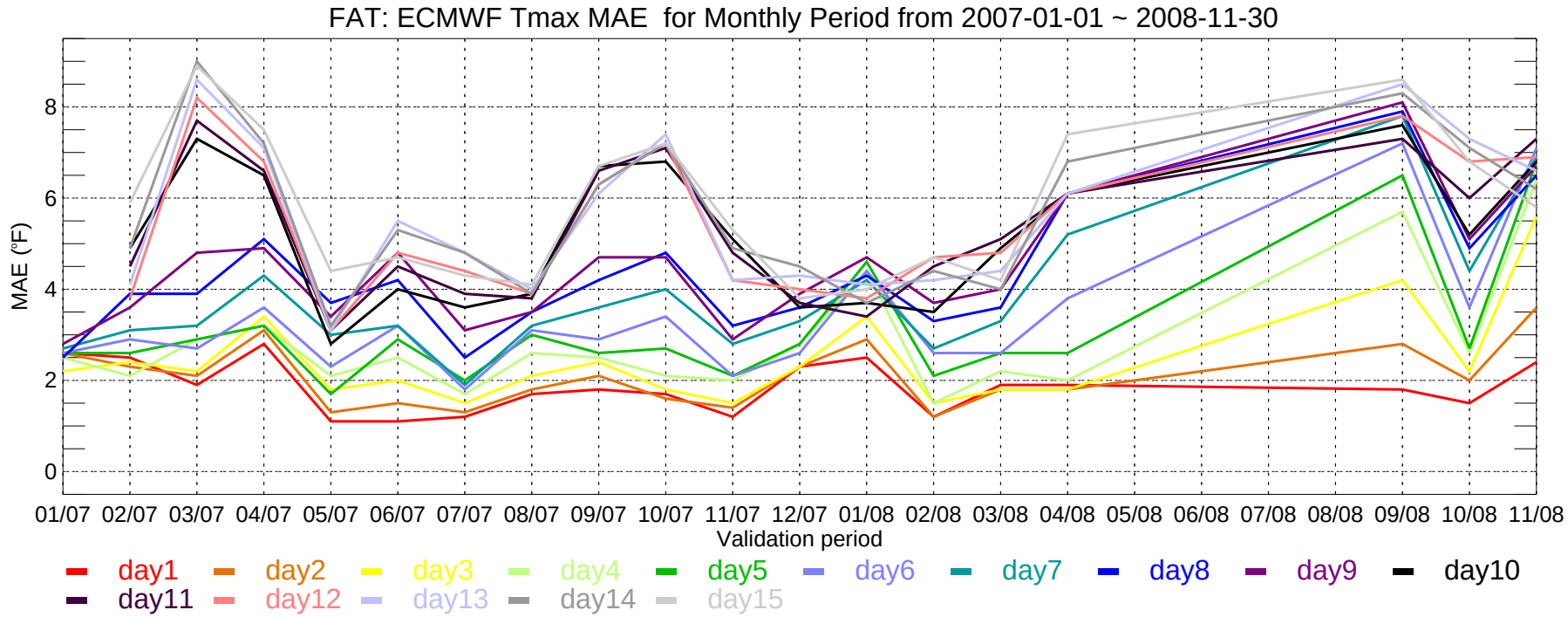

FAR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FAT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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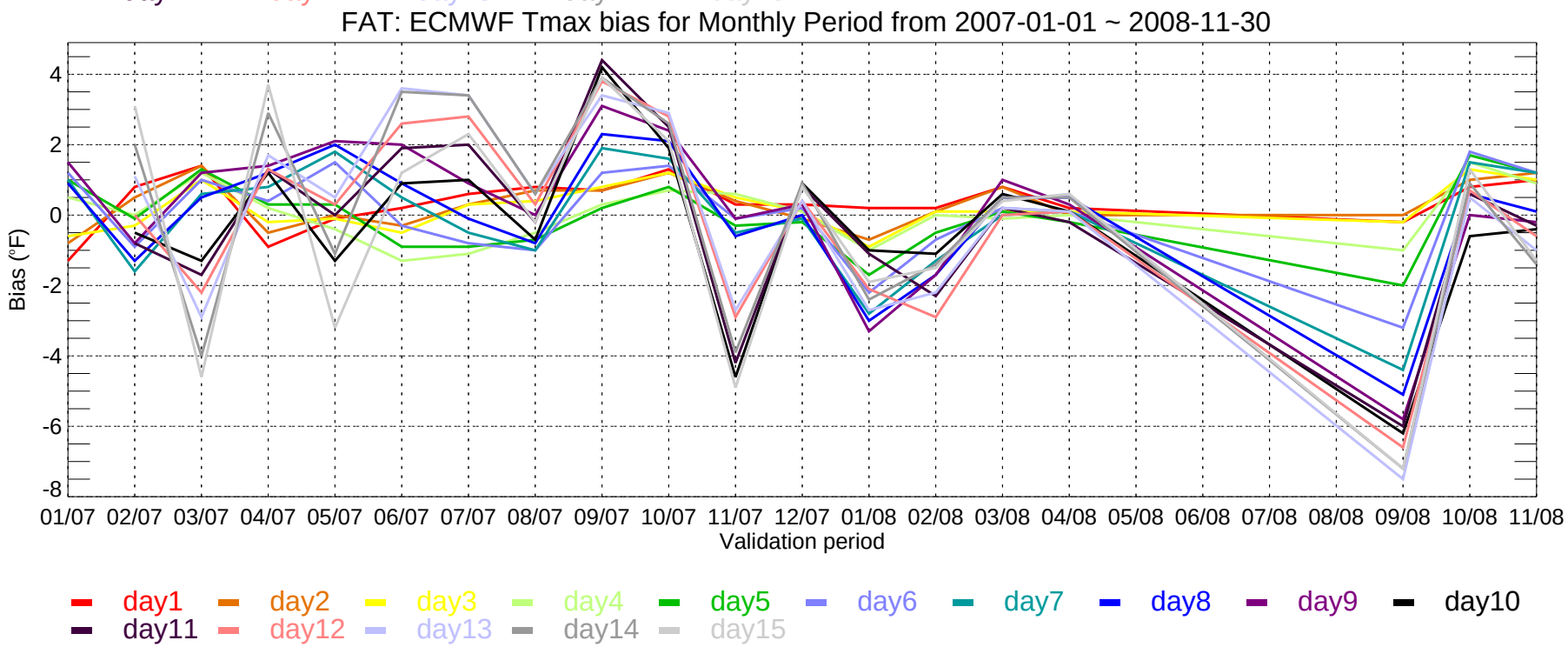
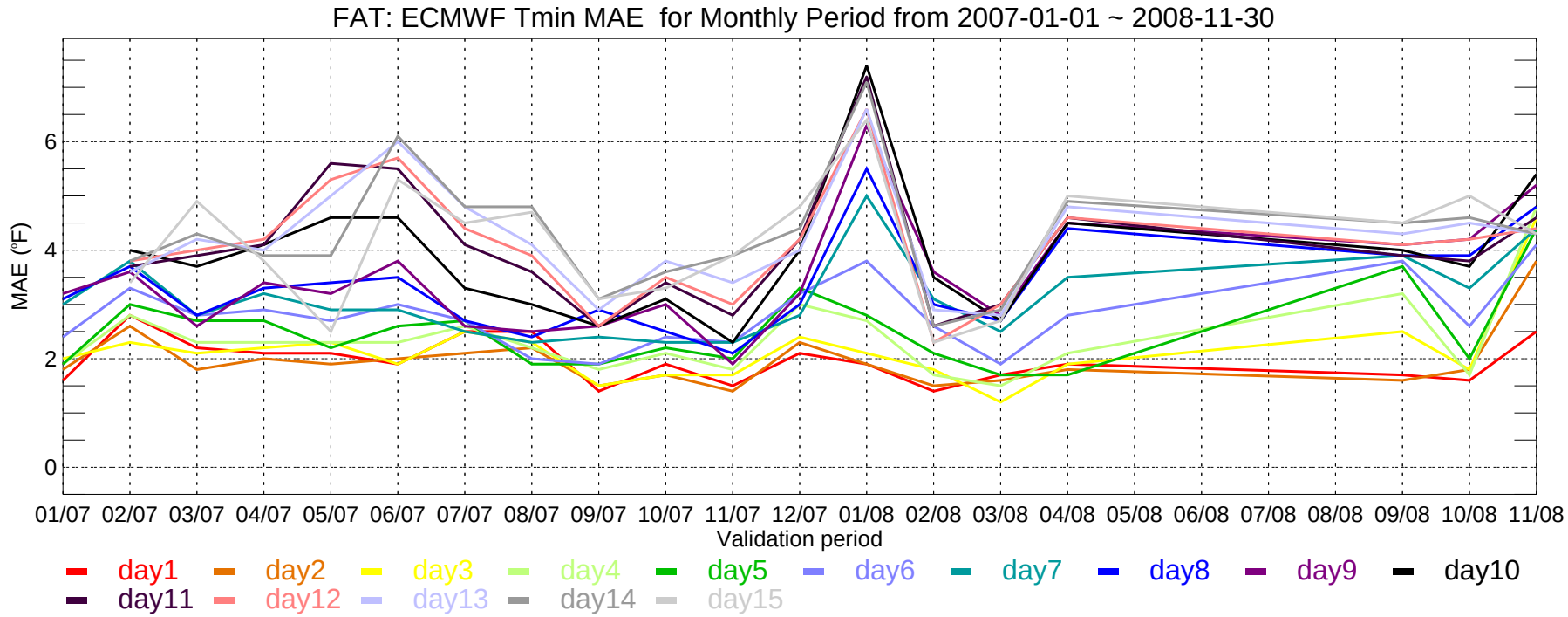

FAT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FAT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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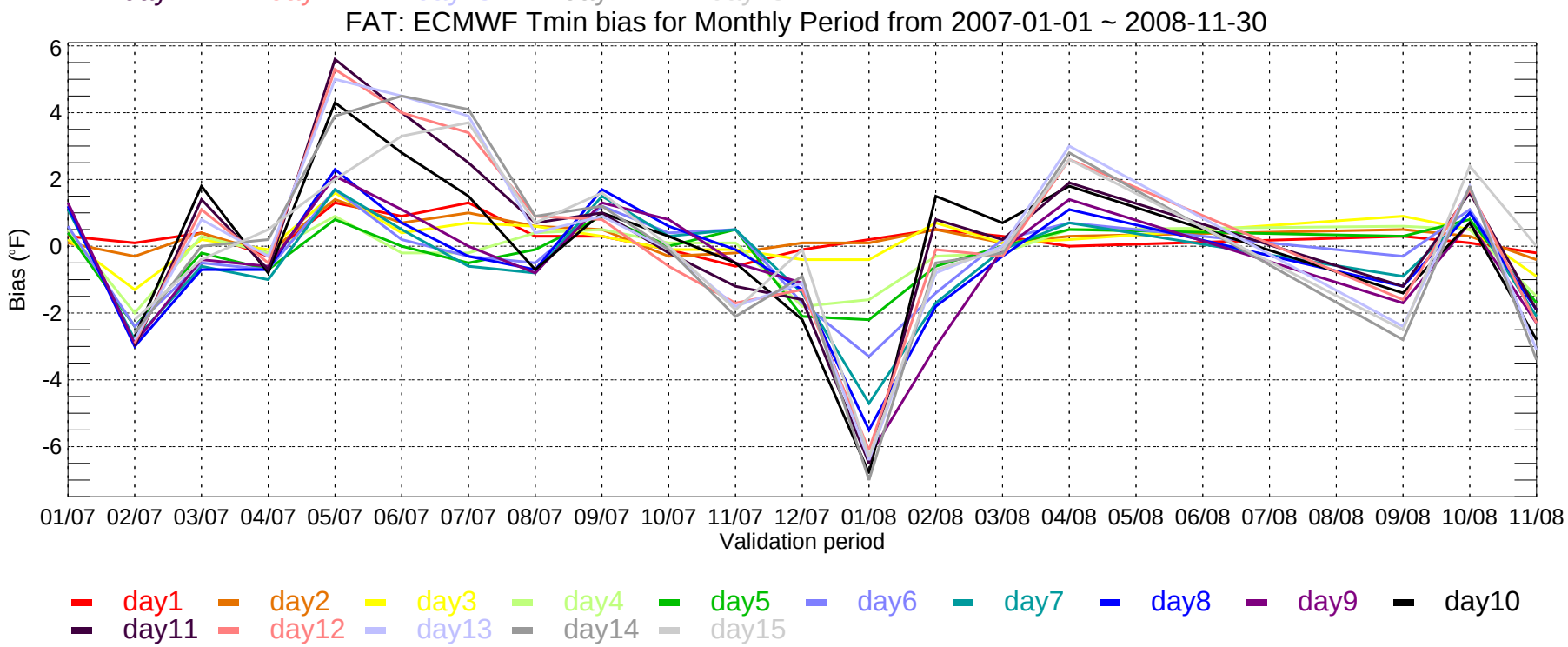
FAT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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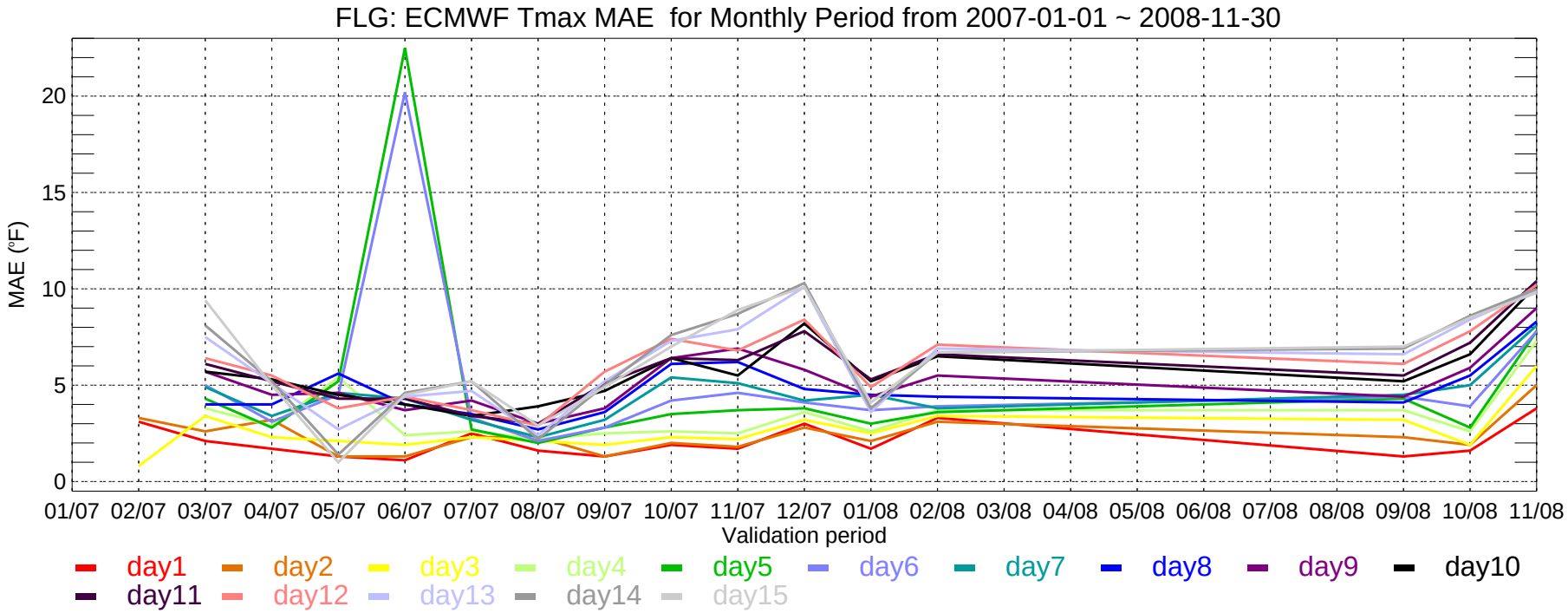
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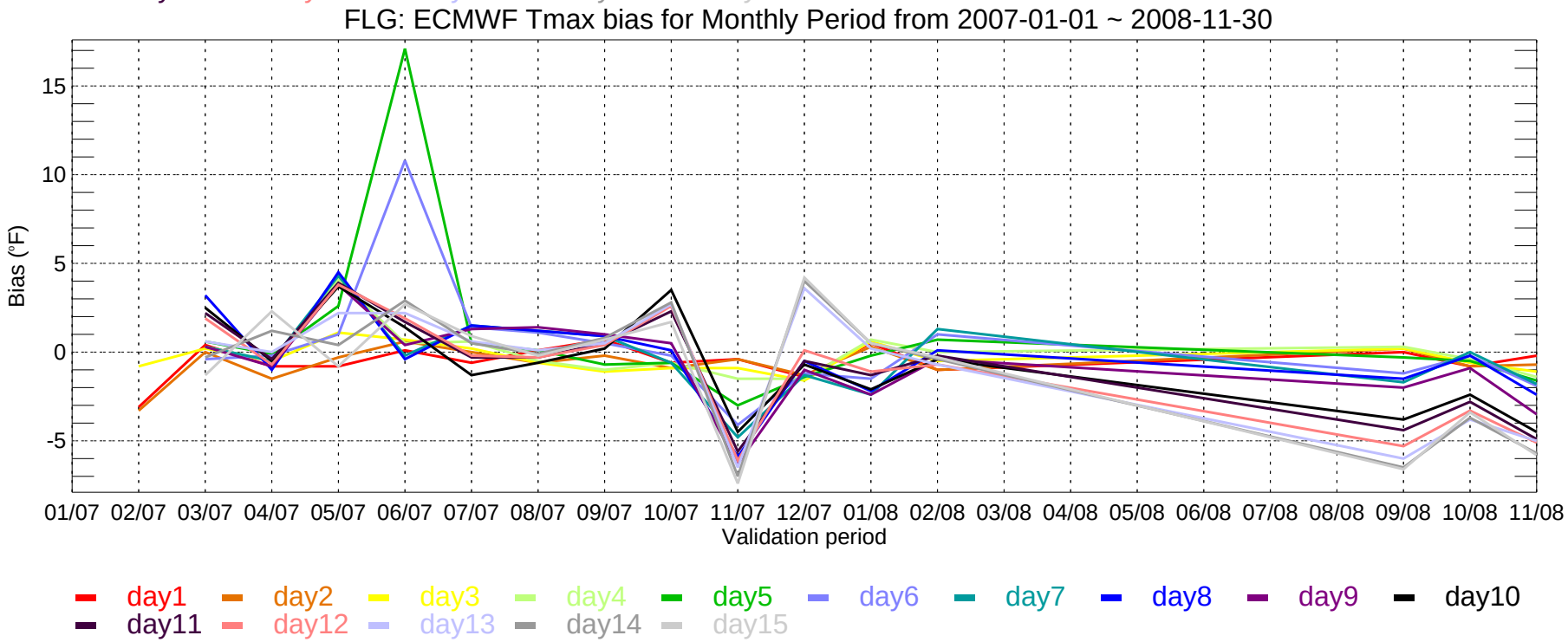
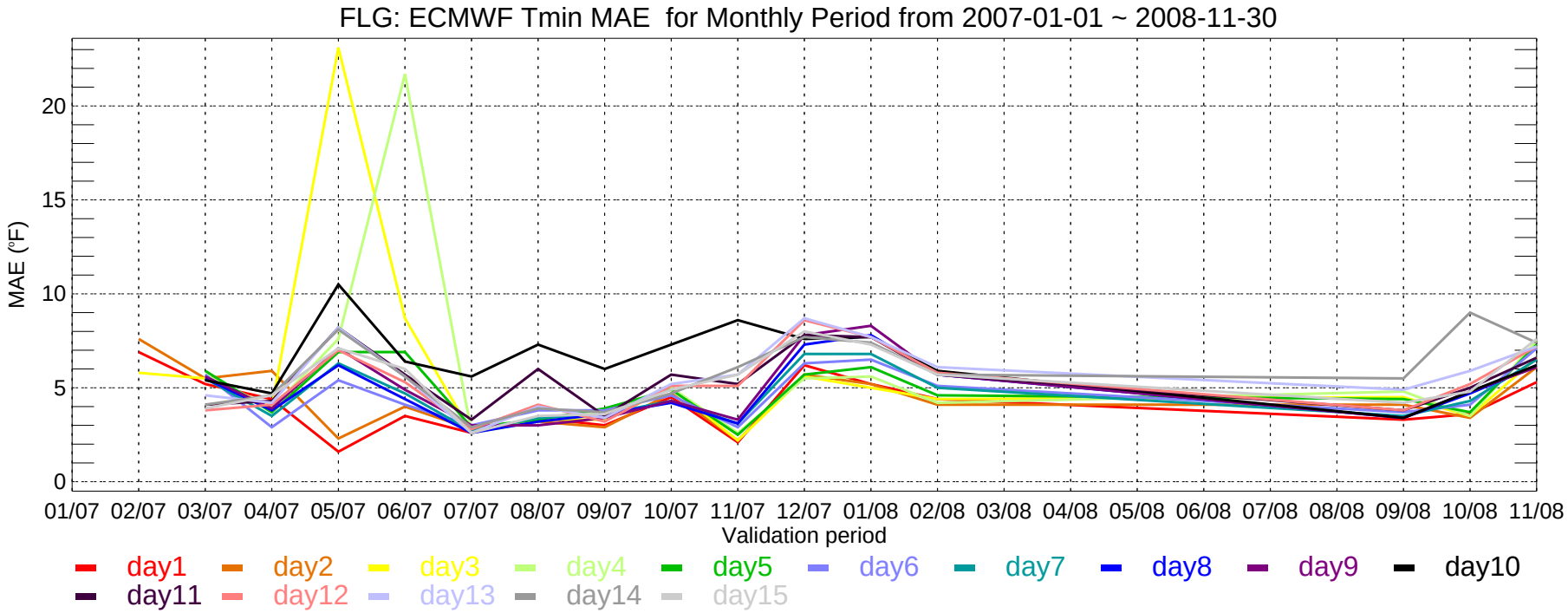
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FLG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FLG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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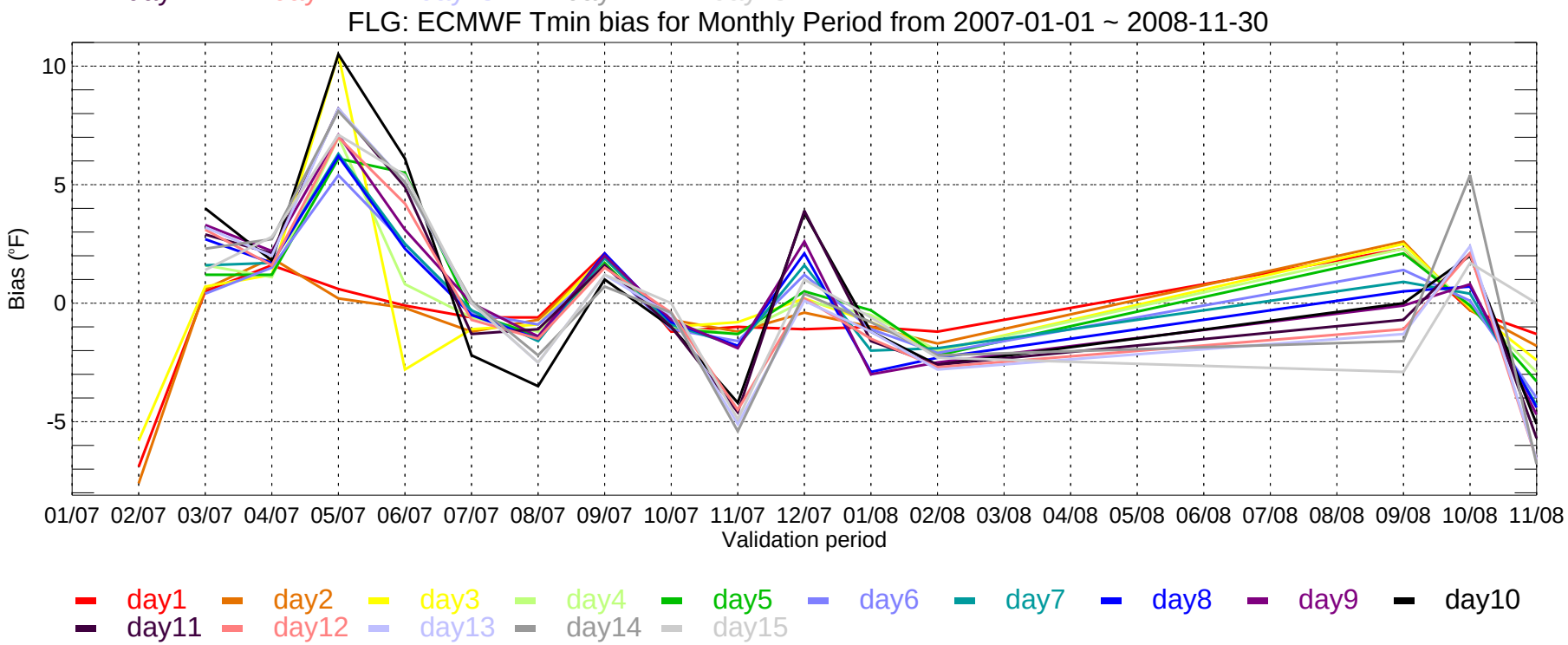
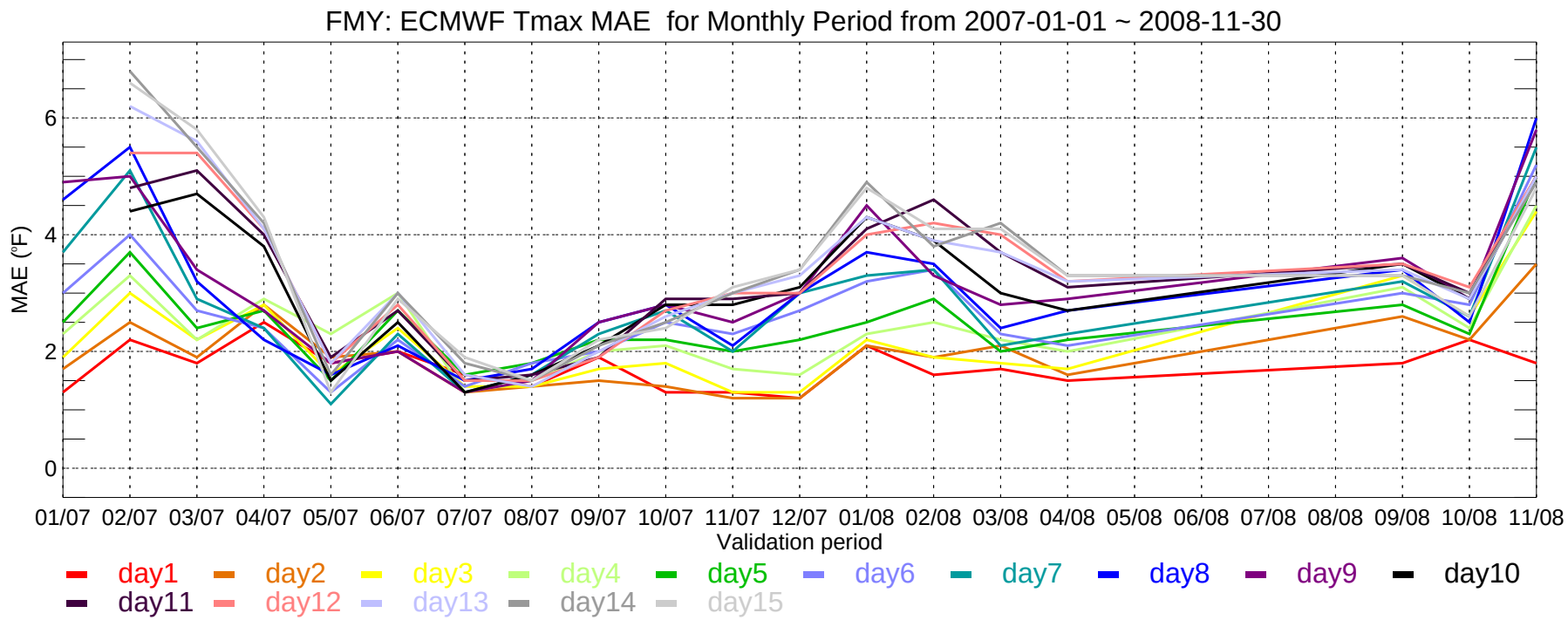
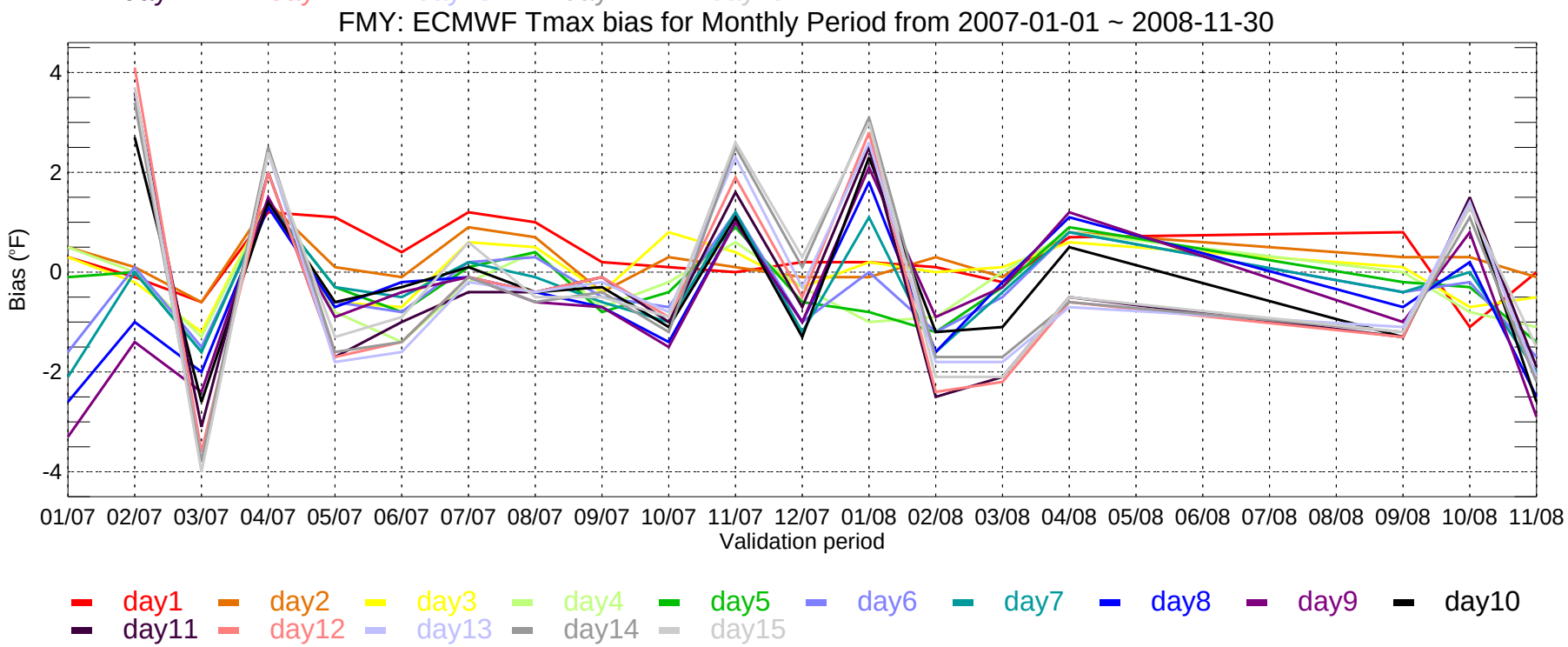
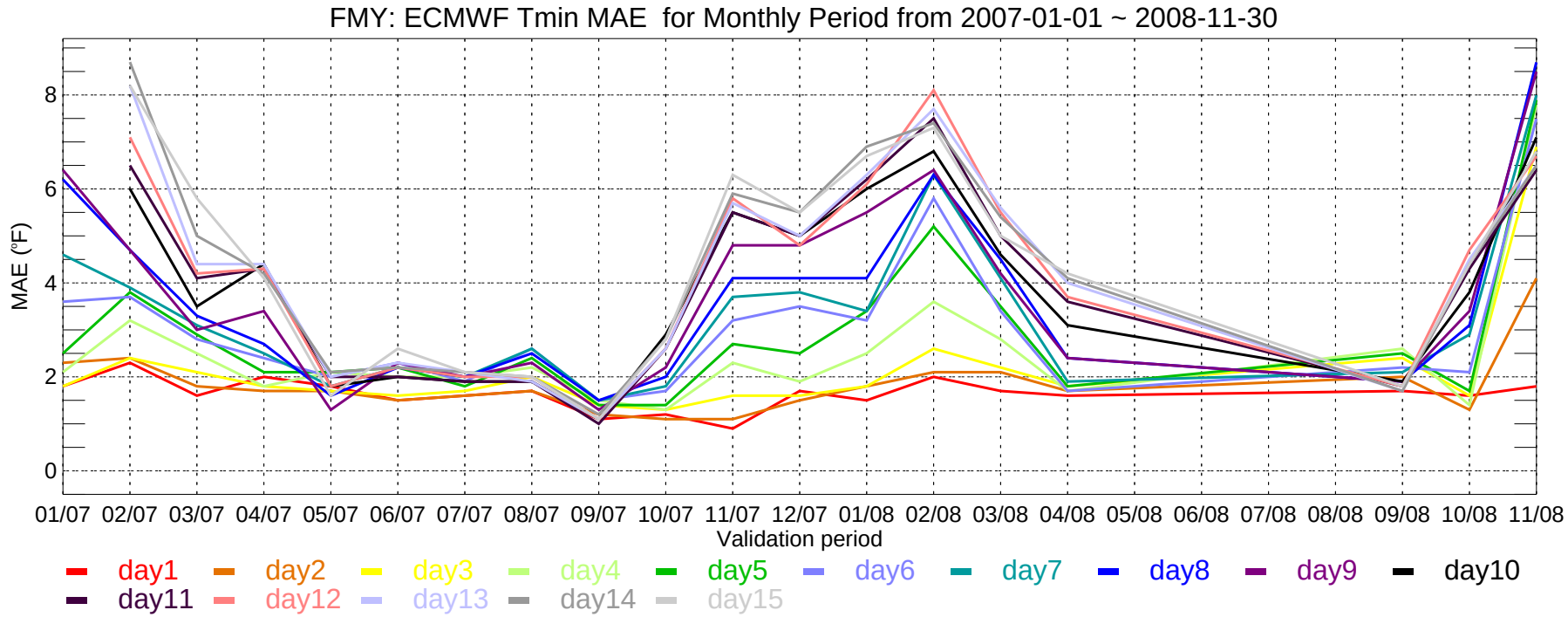
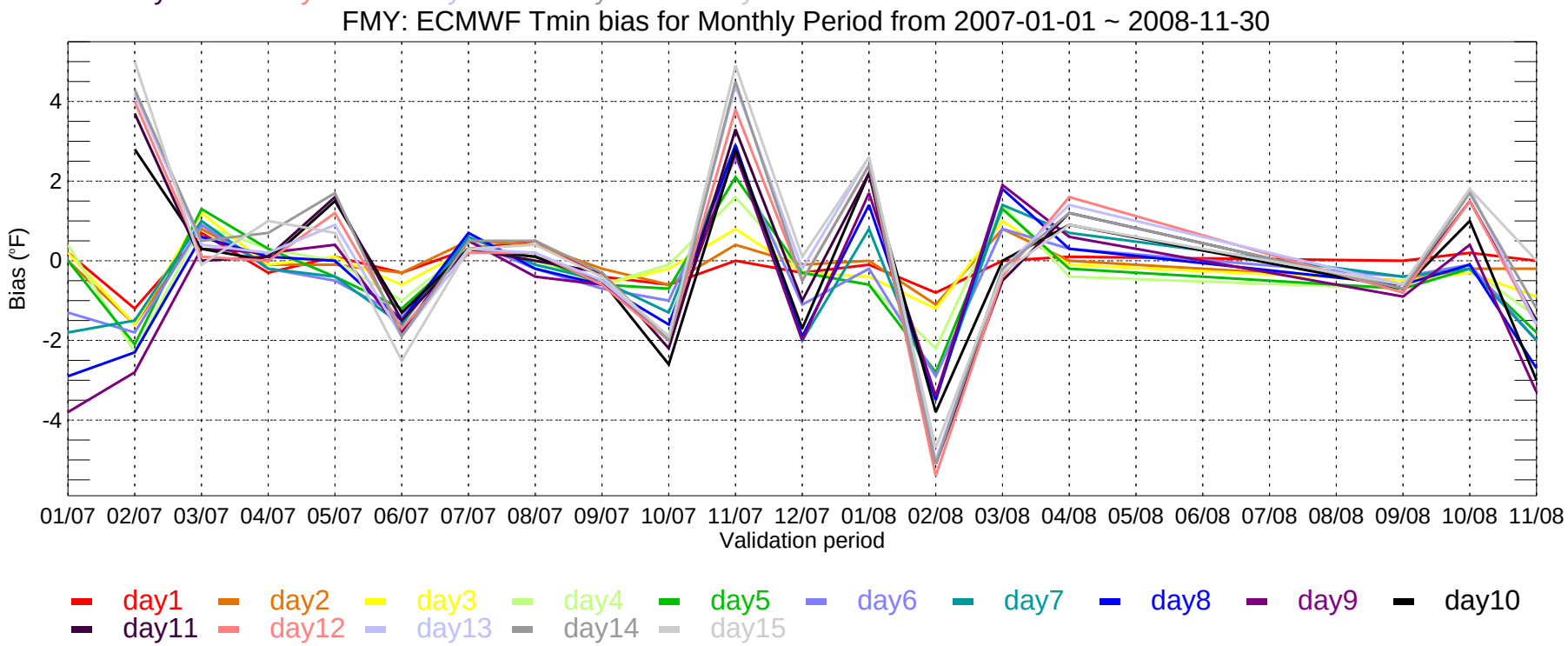
day11 day12 day13 day14 day15

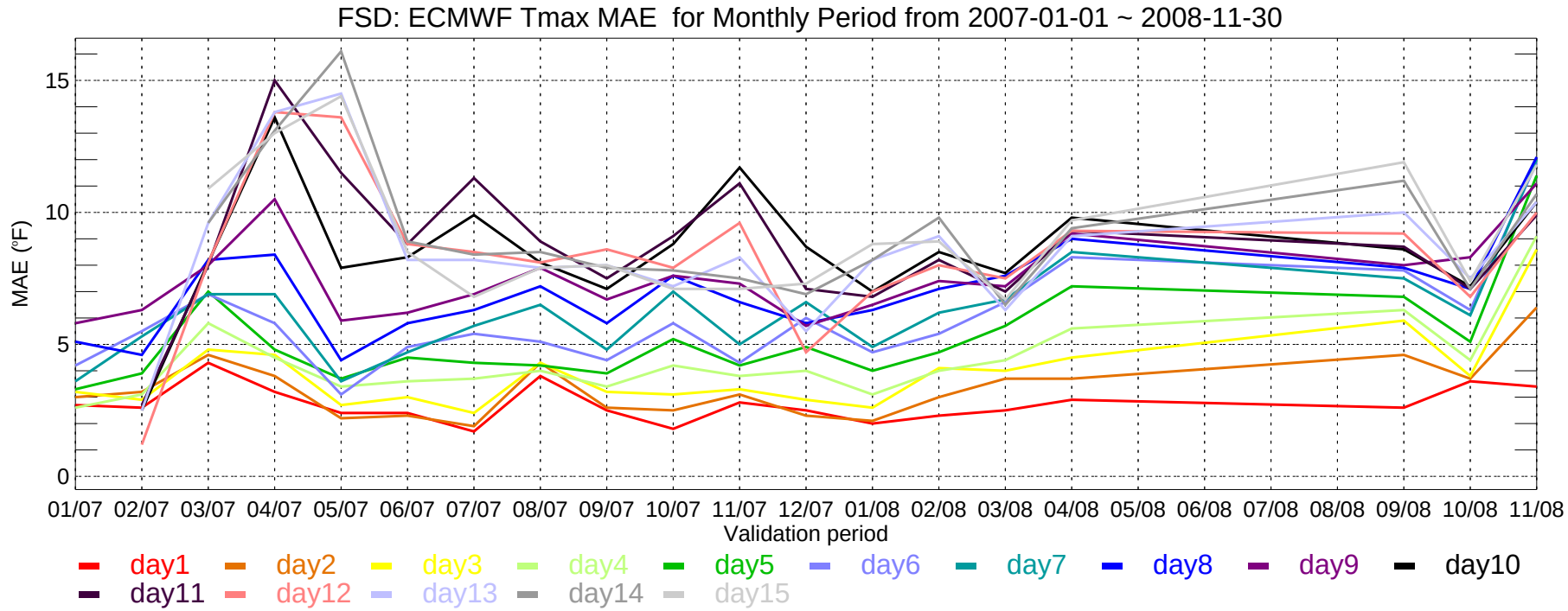

FLG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

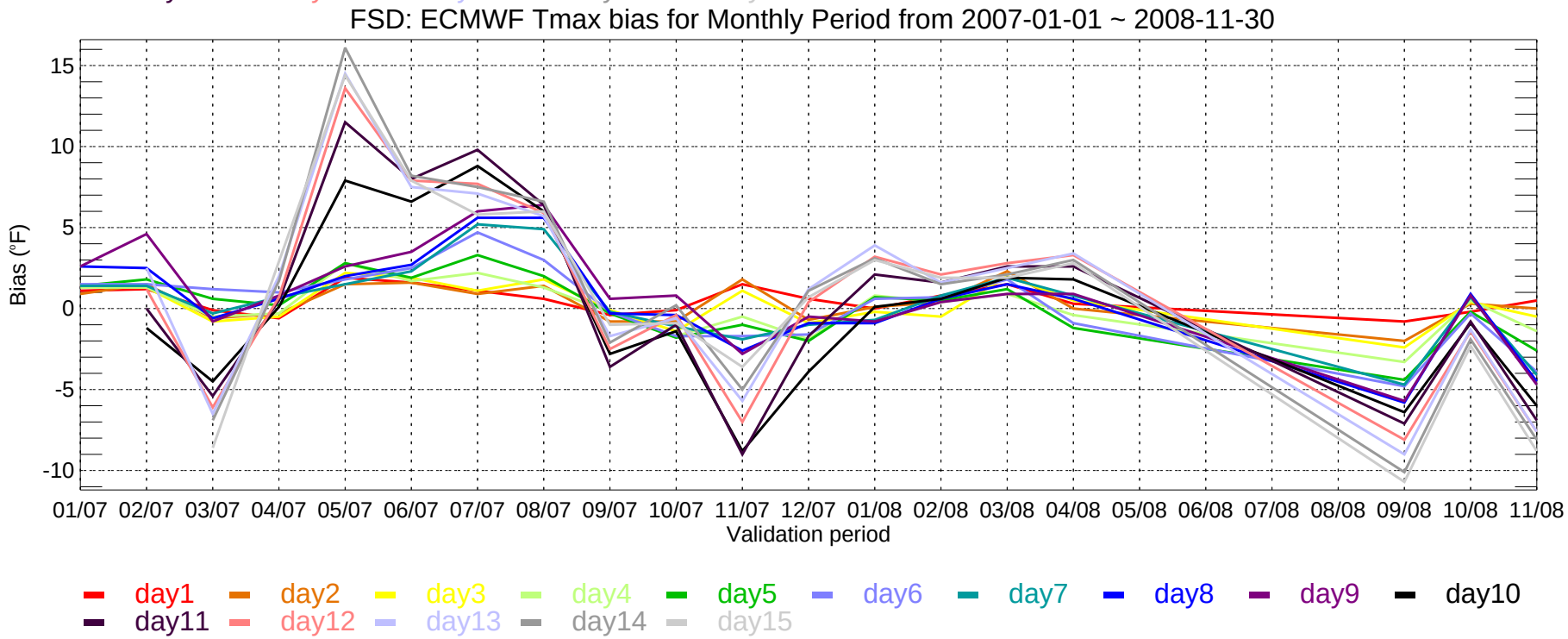

FMY: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FMY: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FMY: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FSD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


FSD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
15
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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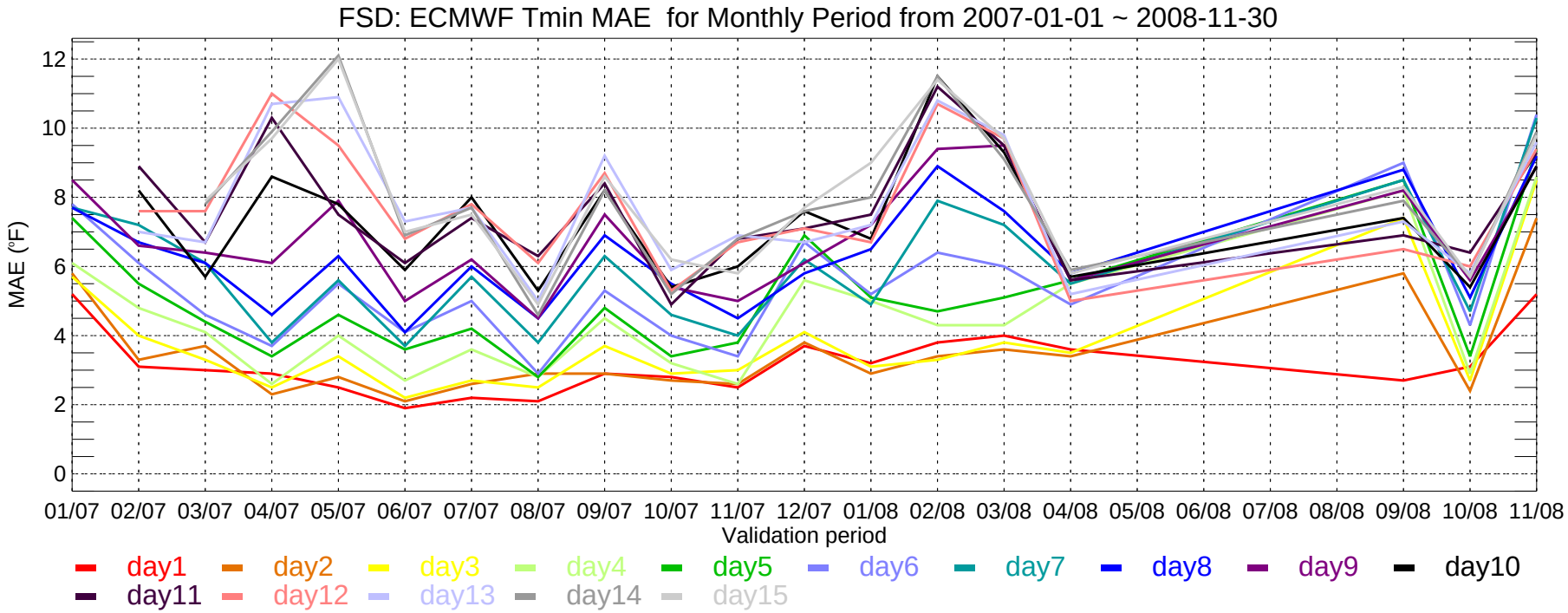
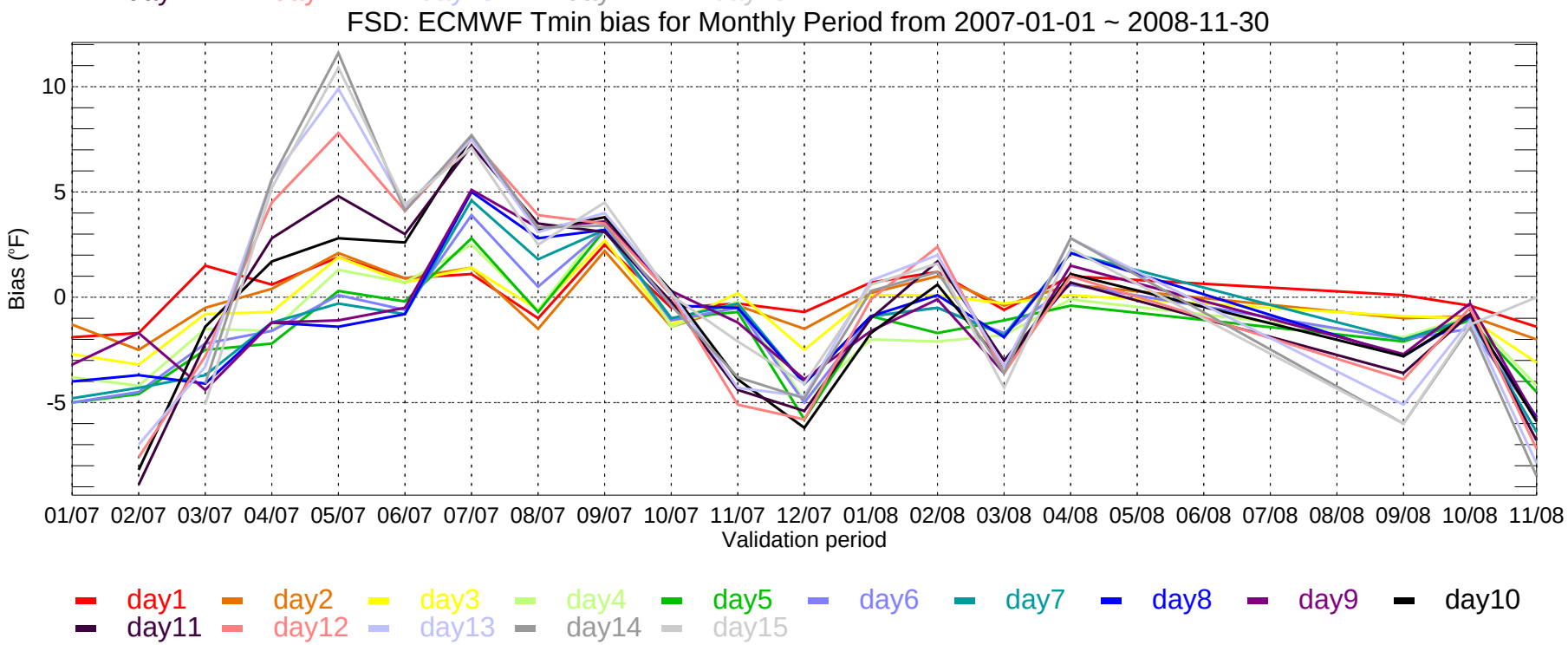
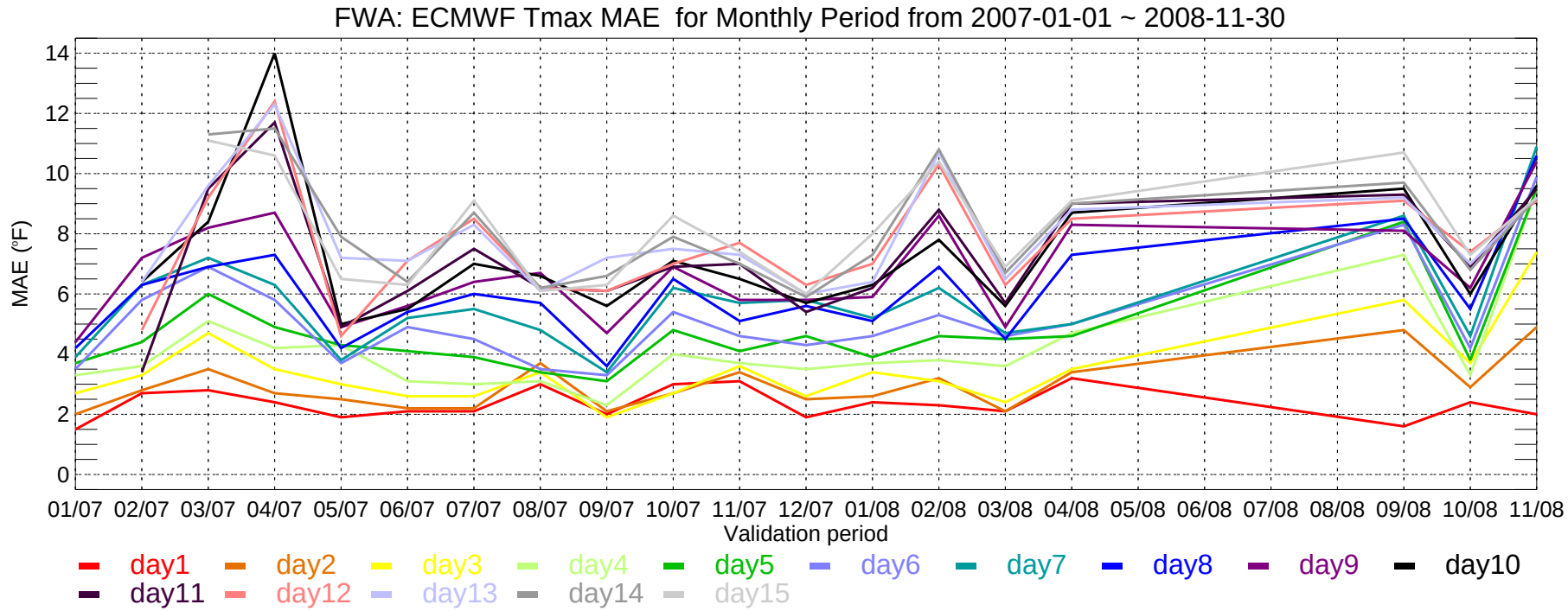
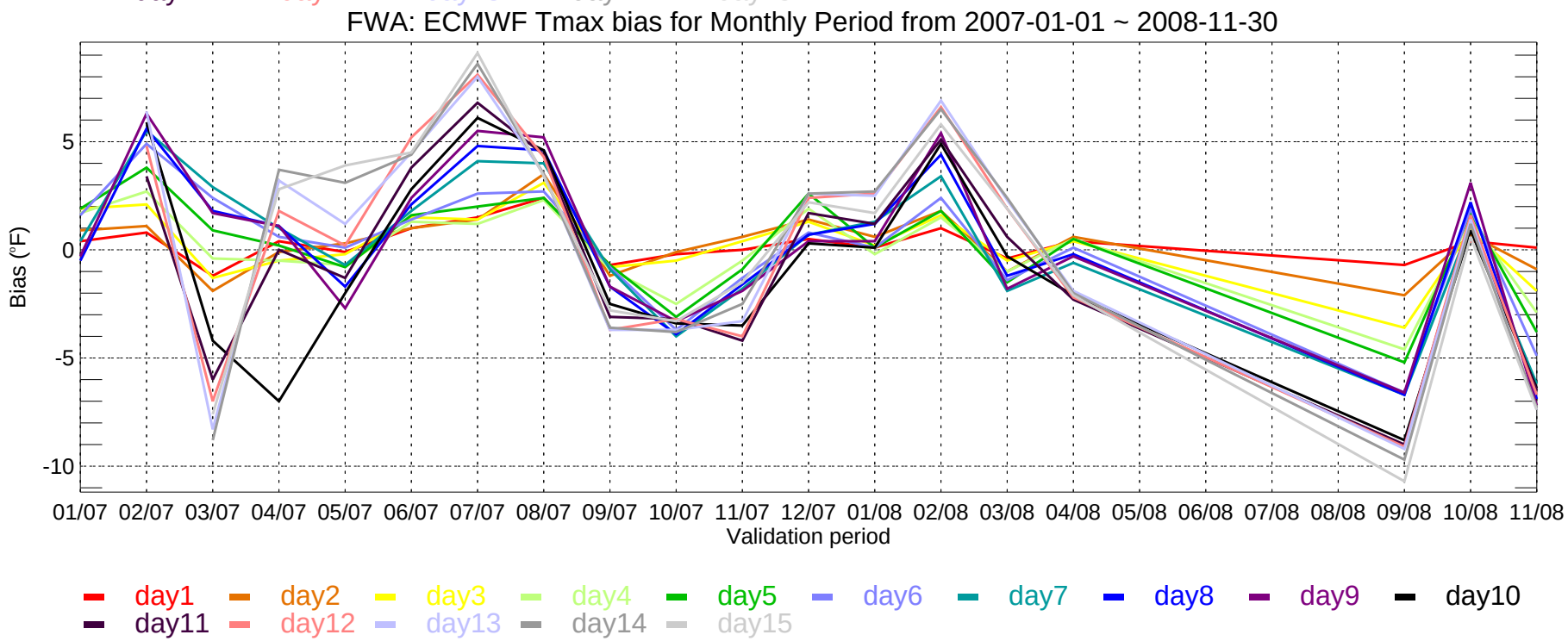
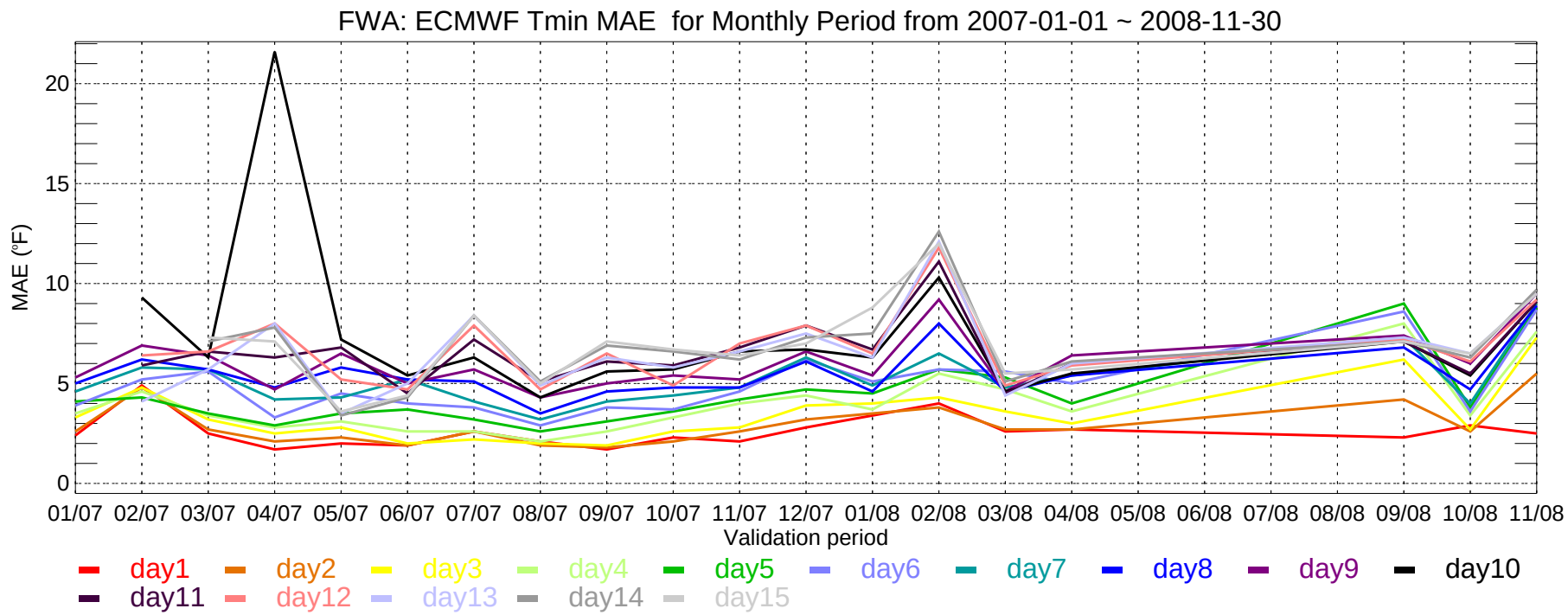
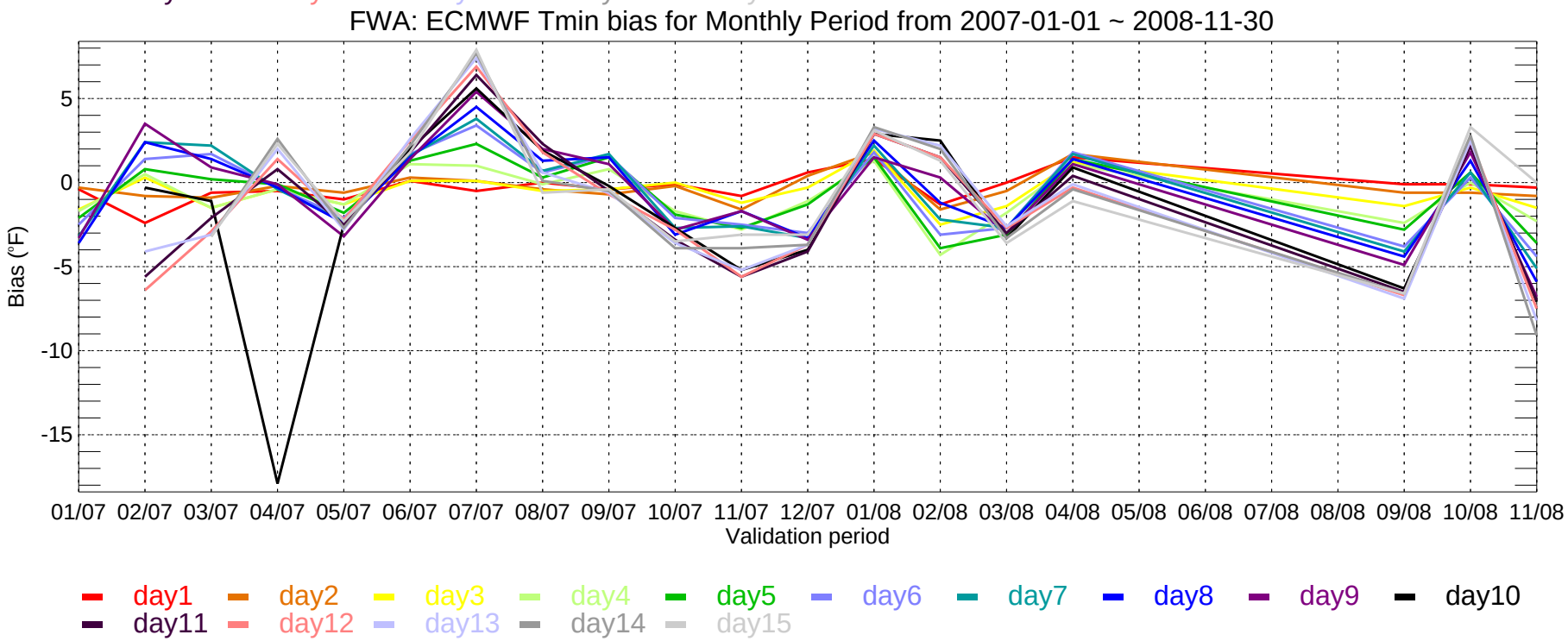

FSD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

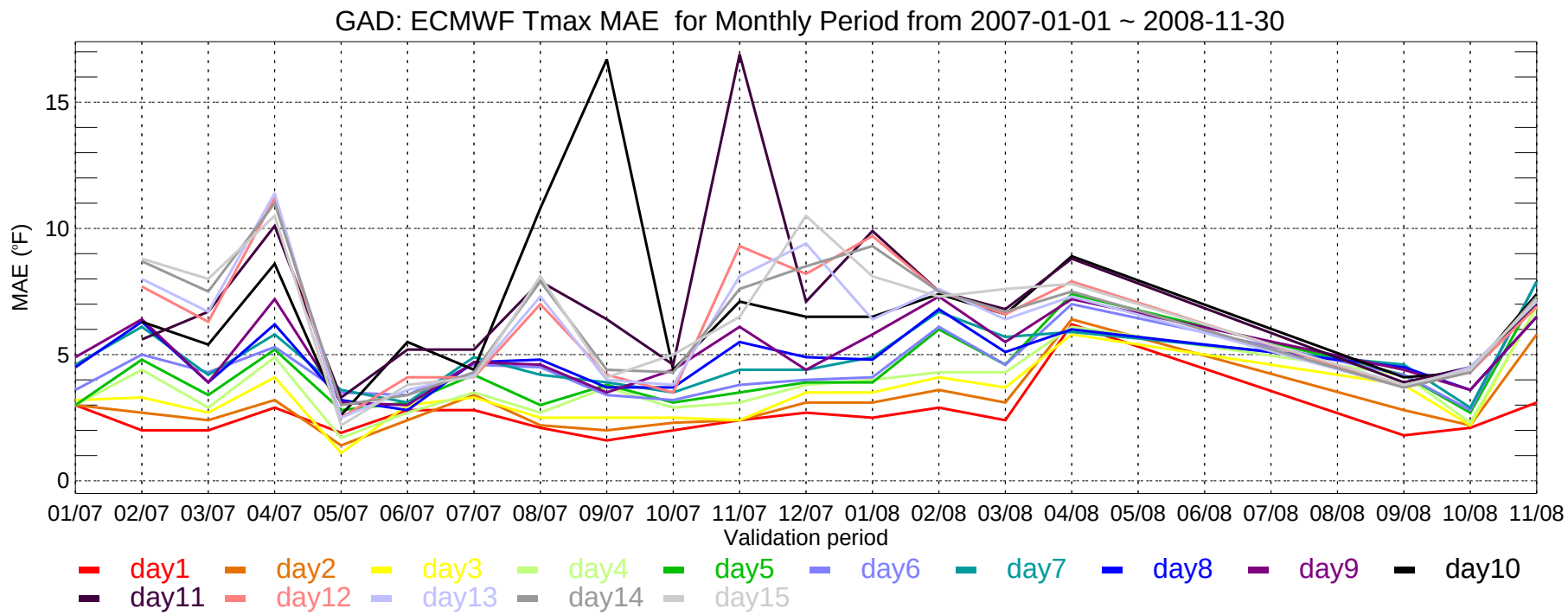

FSD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

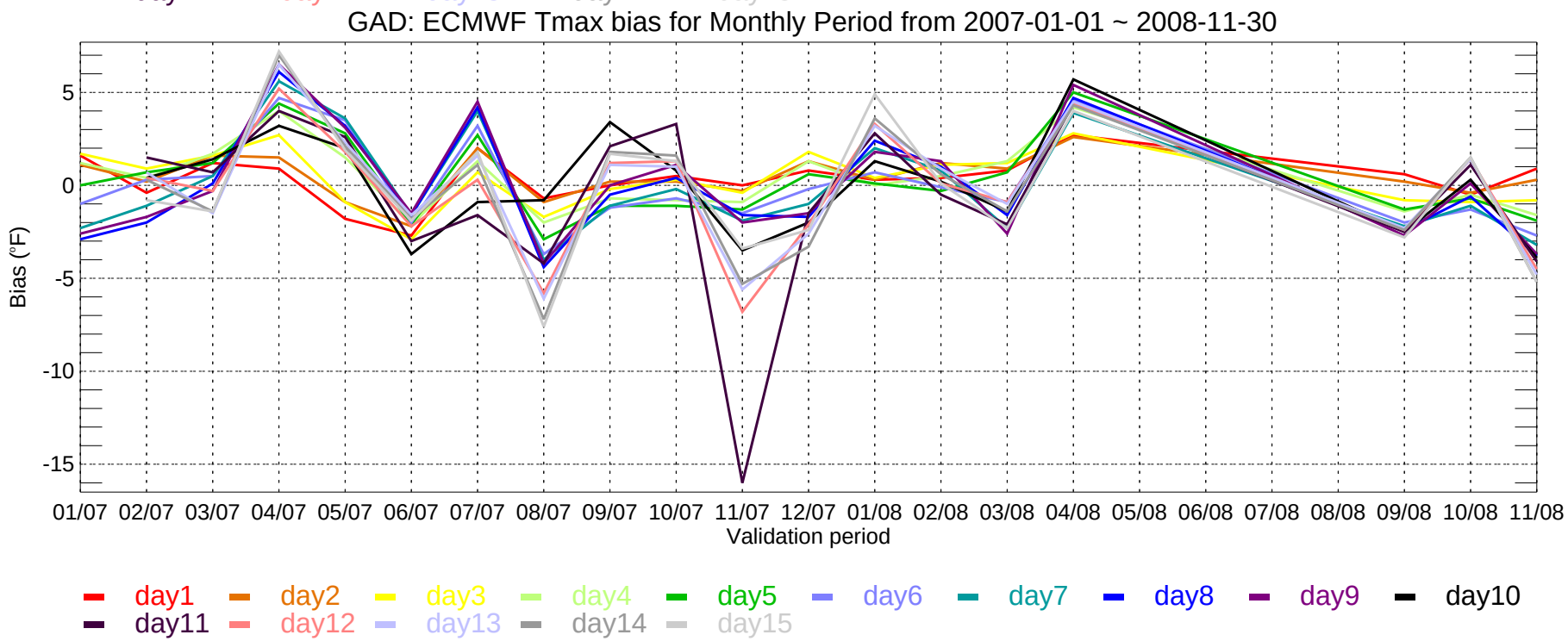

FWA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

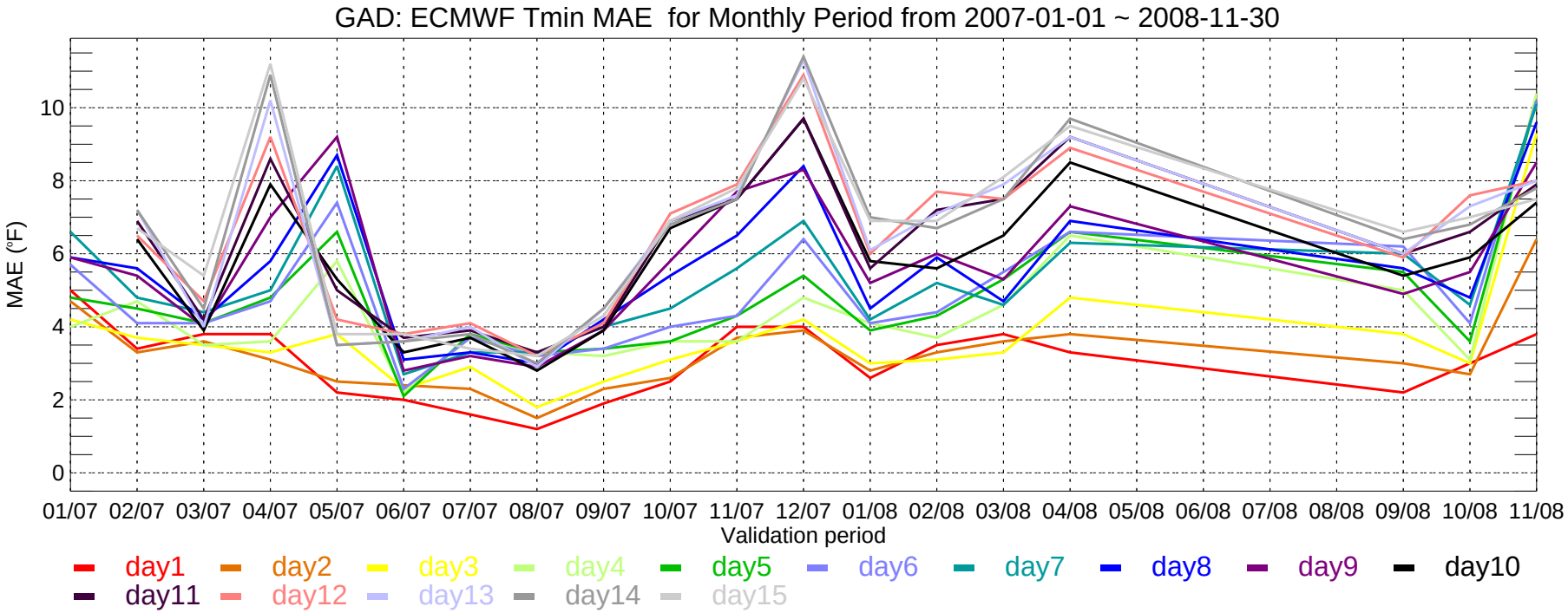

FWA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

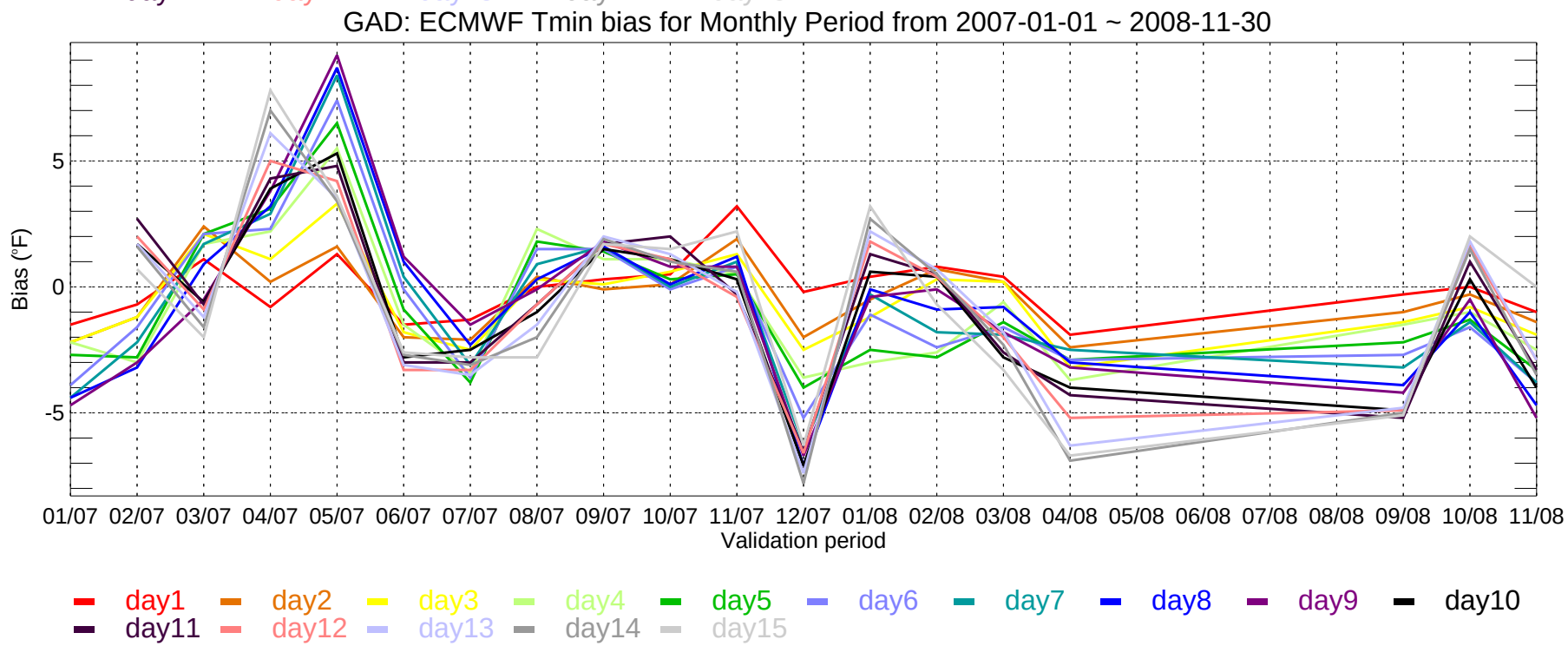

FWA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

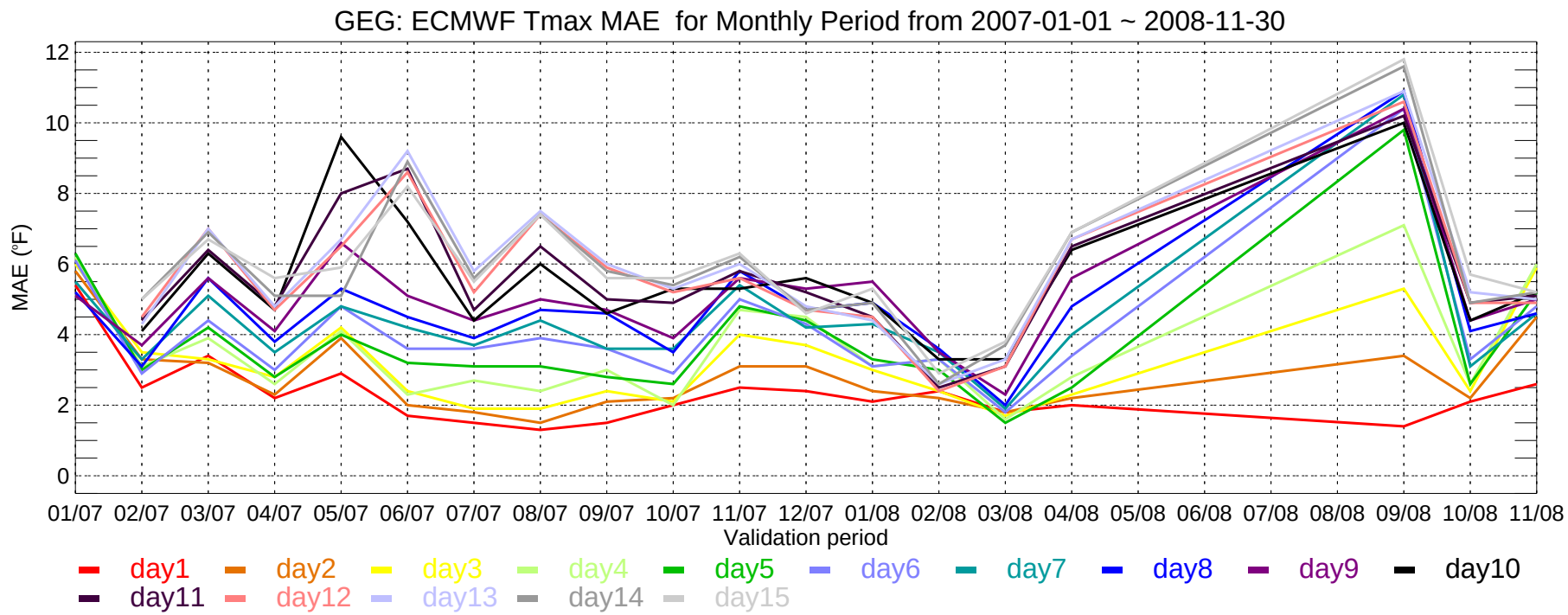

FWA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

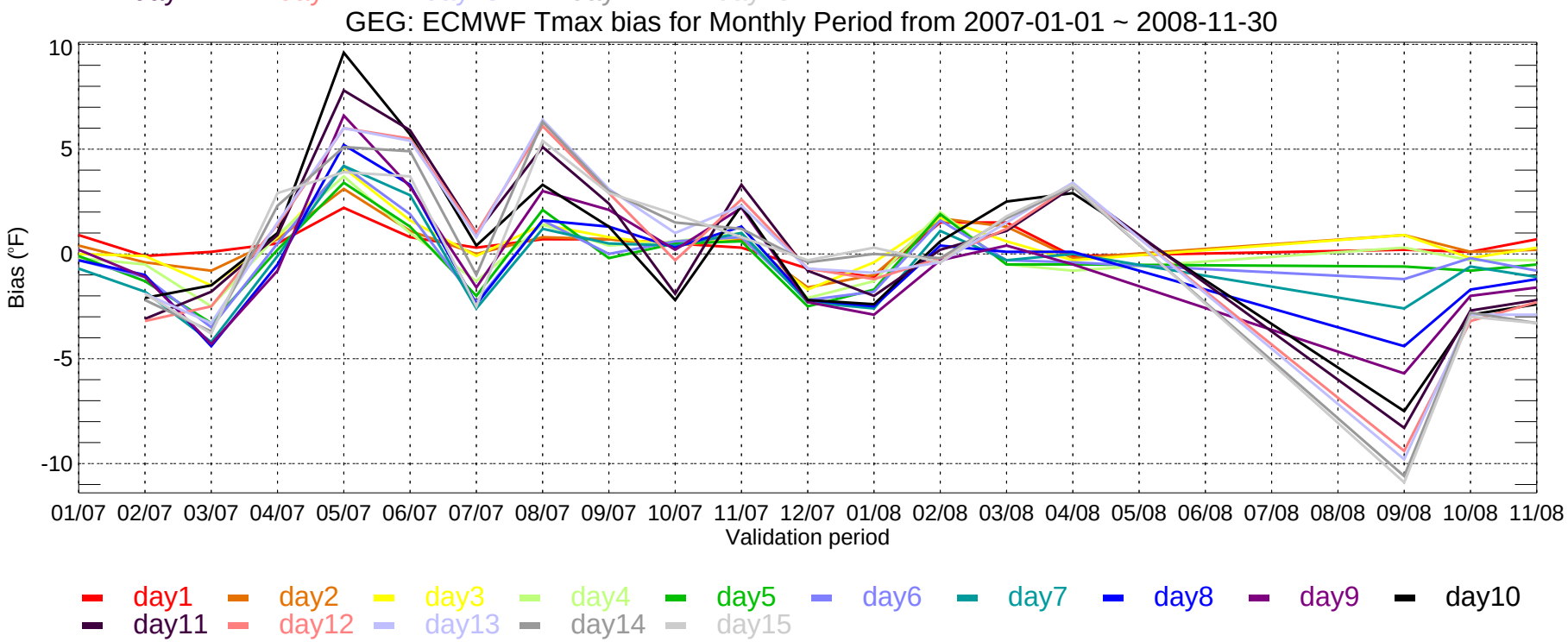

GAD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

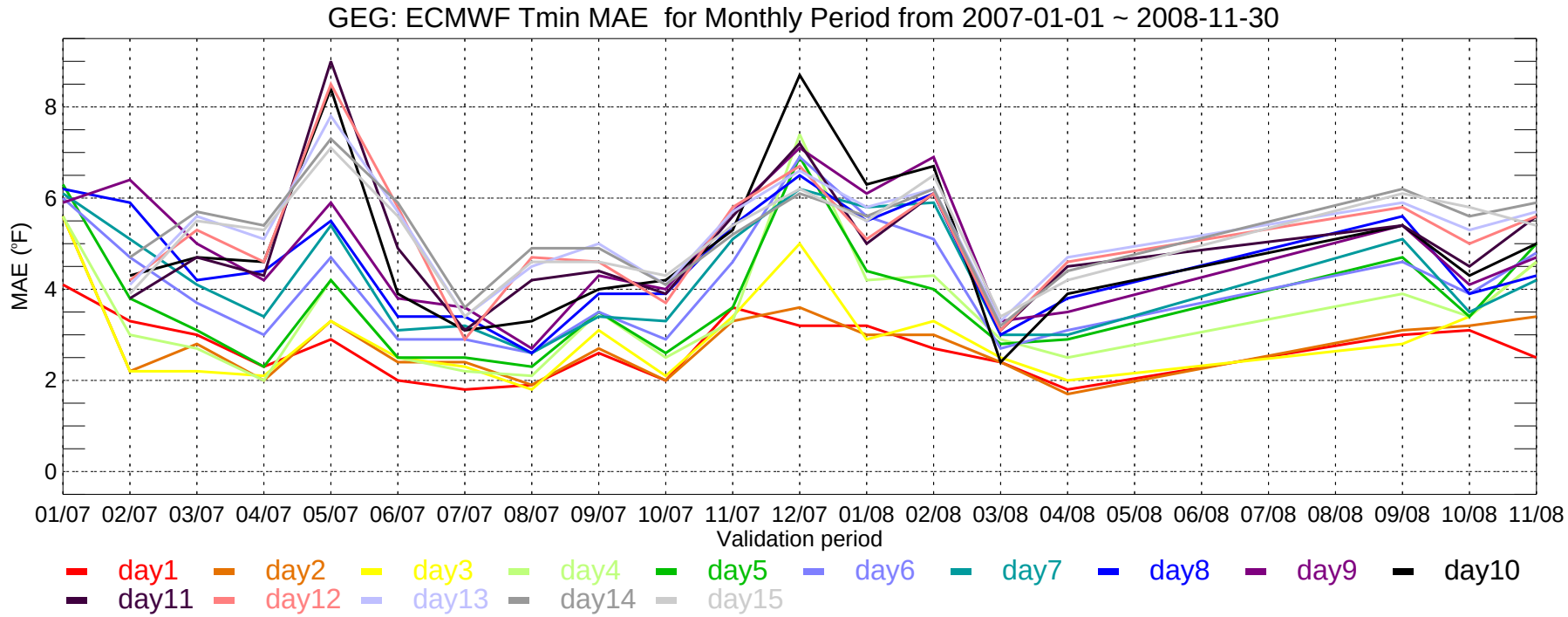

GAD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

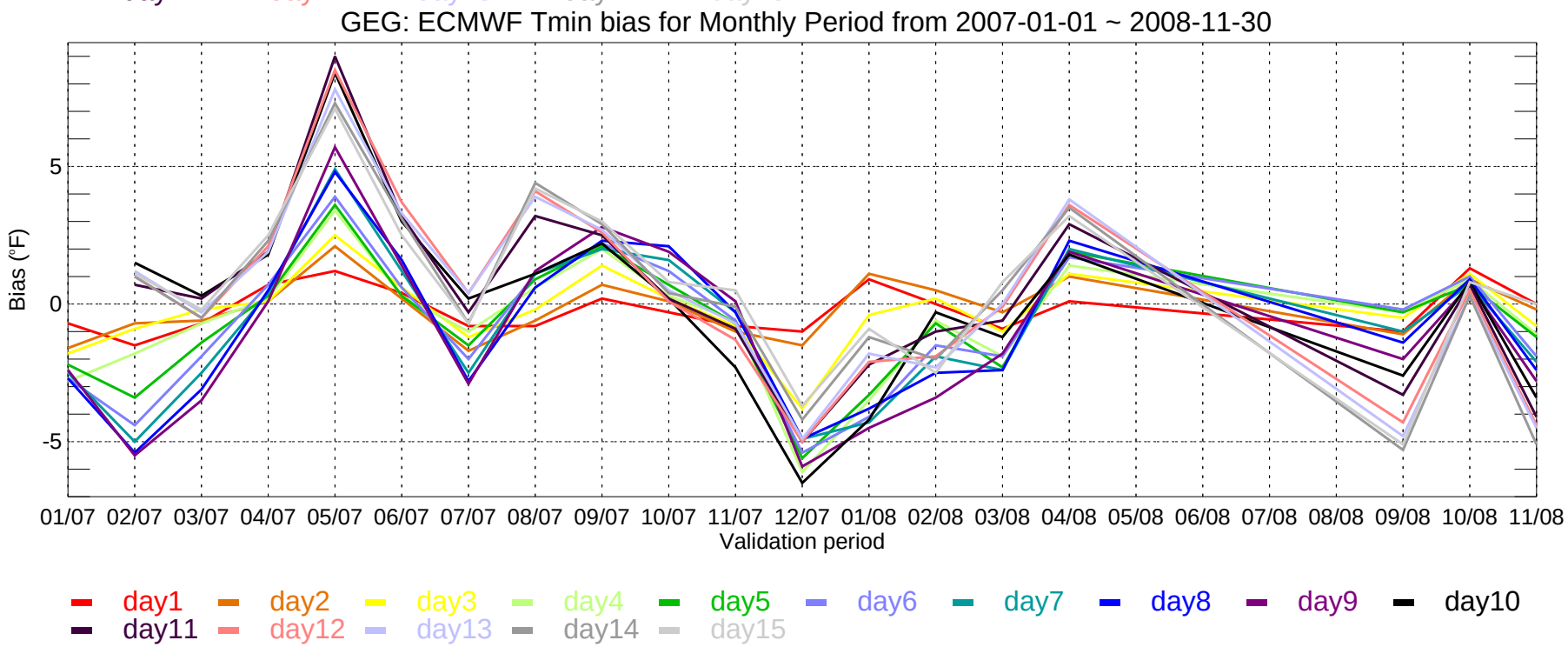

GAD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

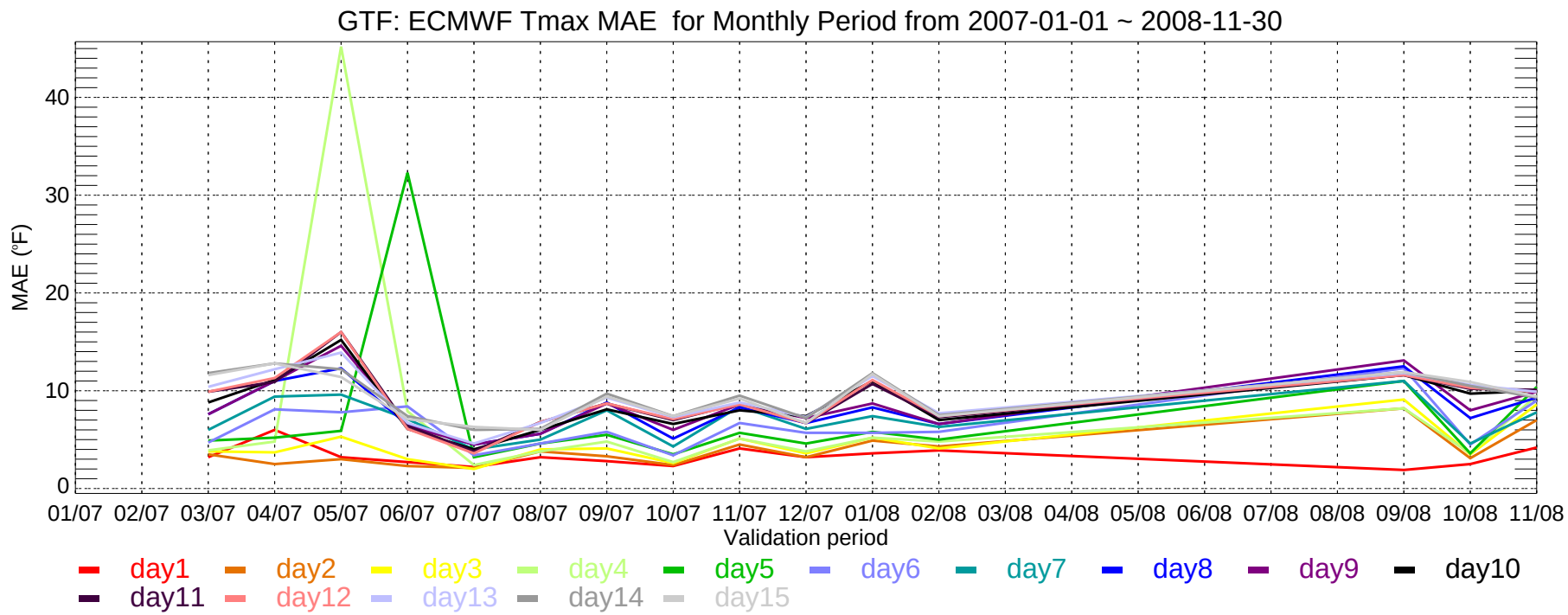

GAD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

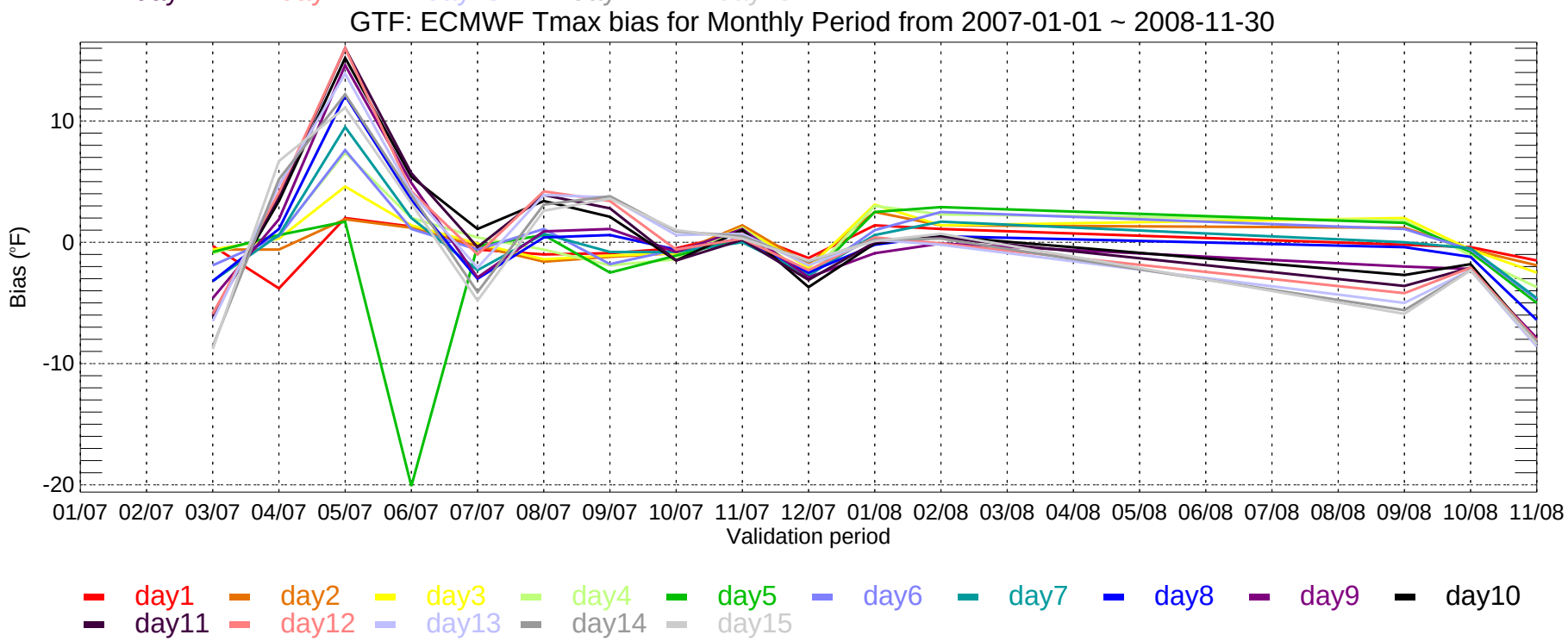

GEG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

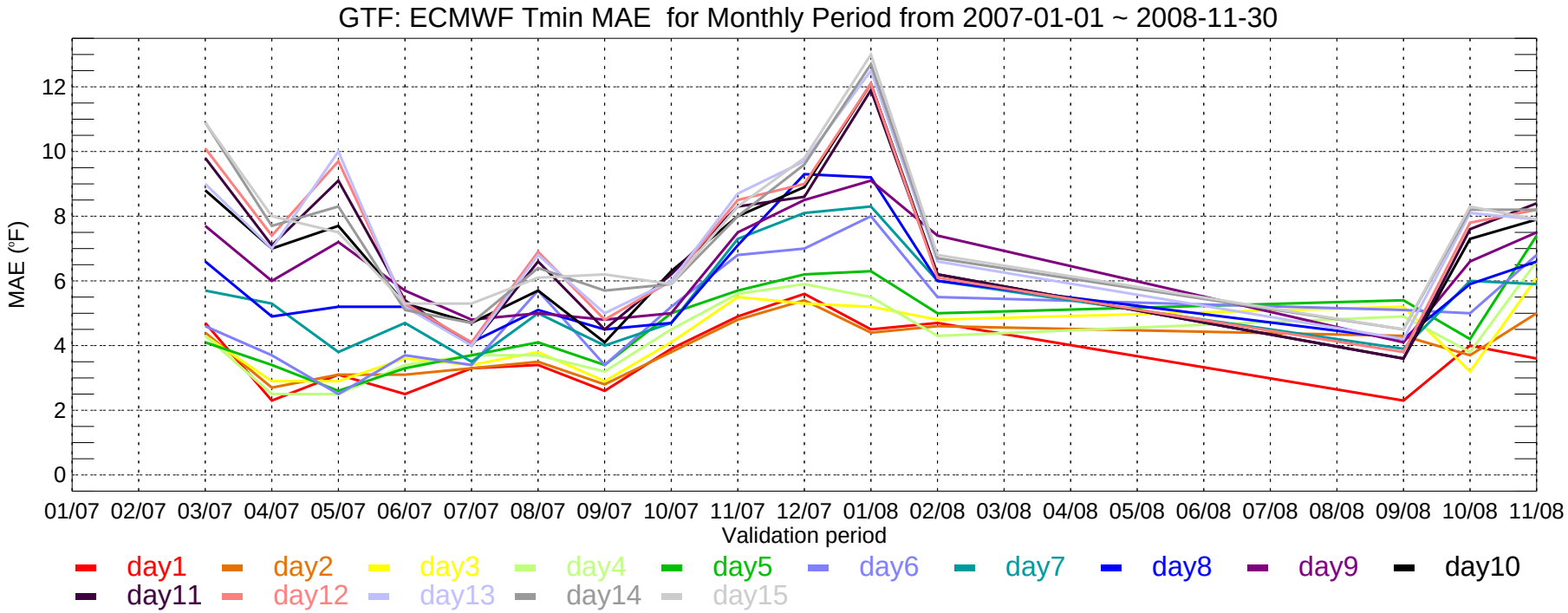

GEG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

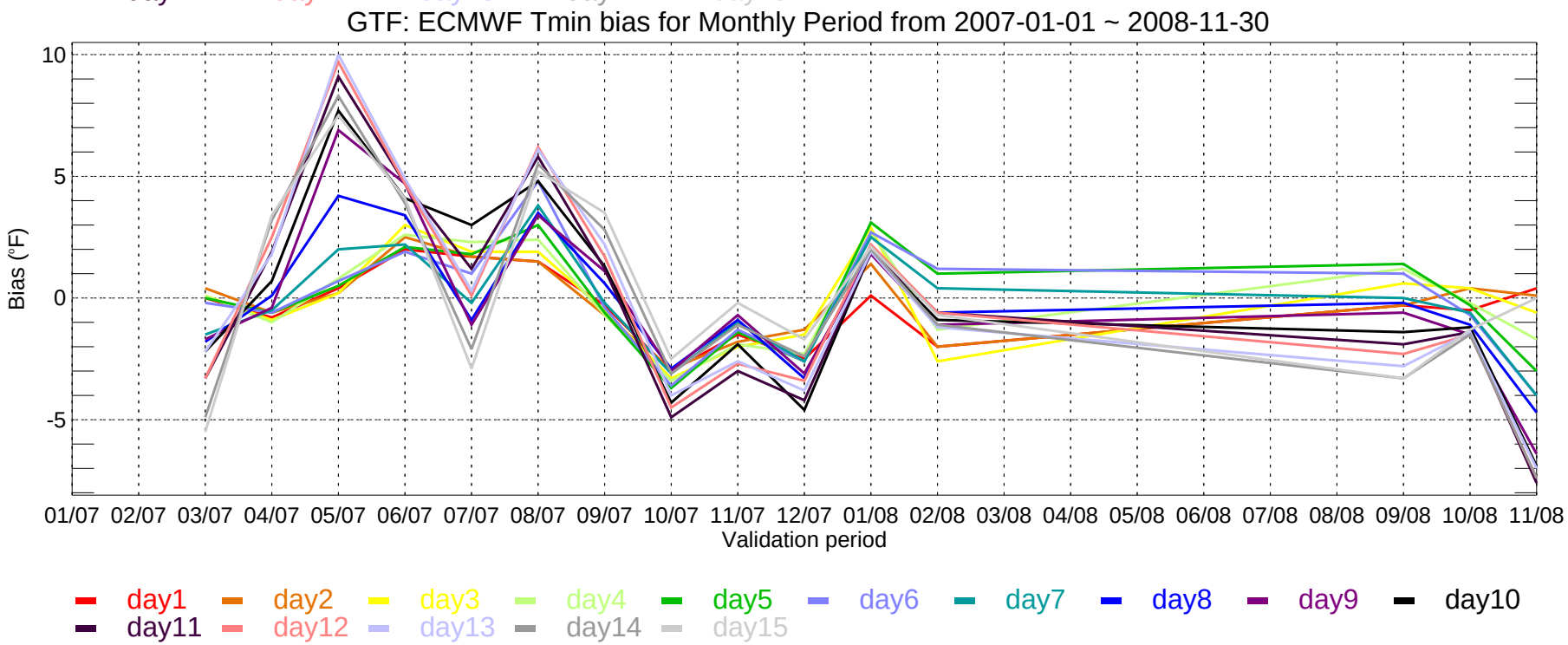

GEG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

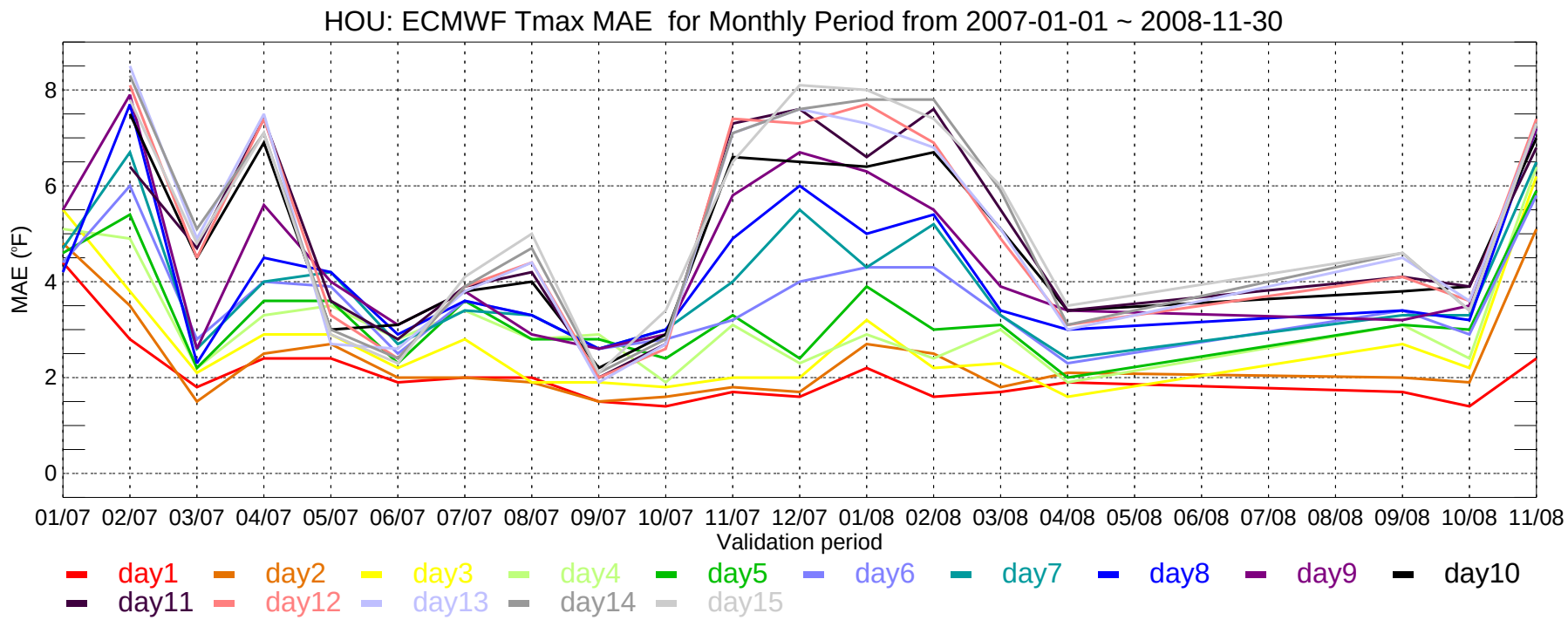

GEG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

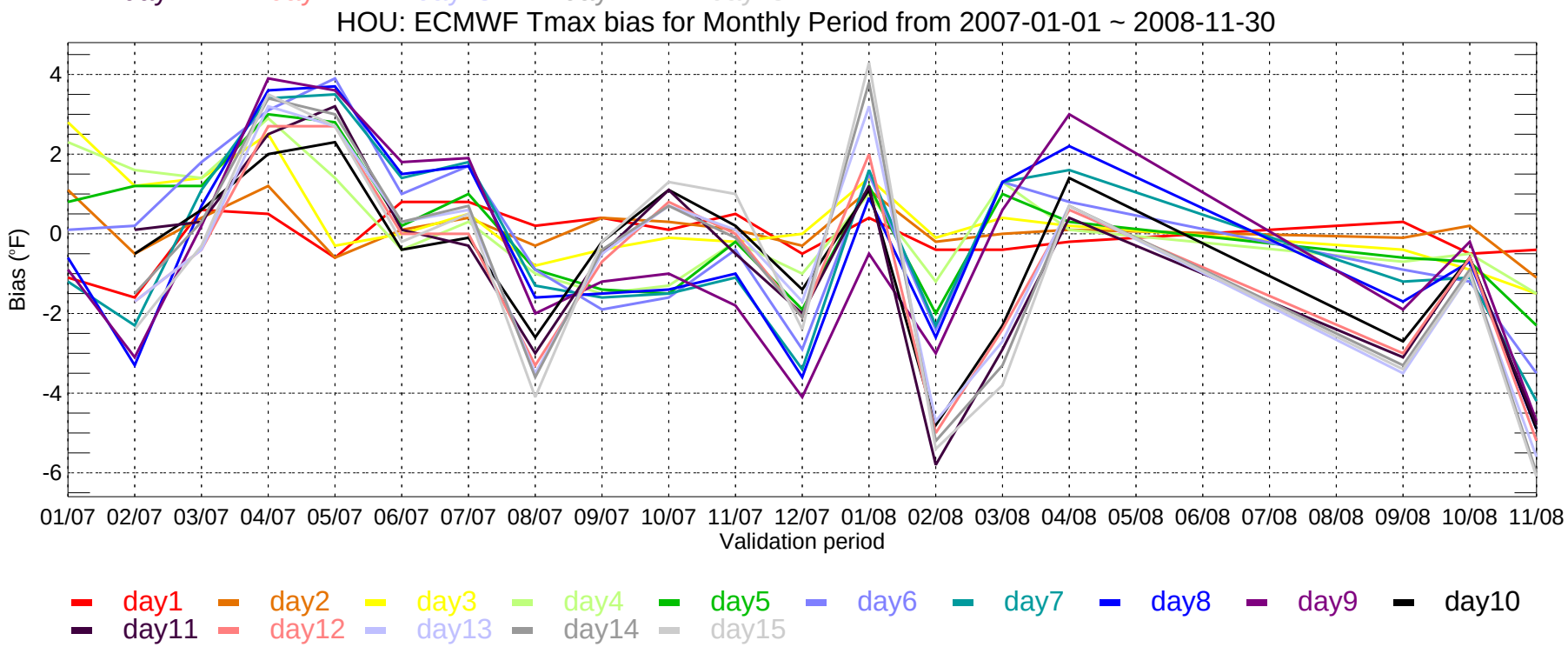

GTF: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
10
20
30
40
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

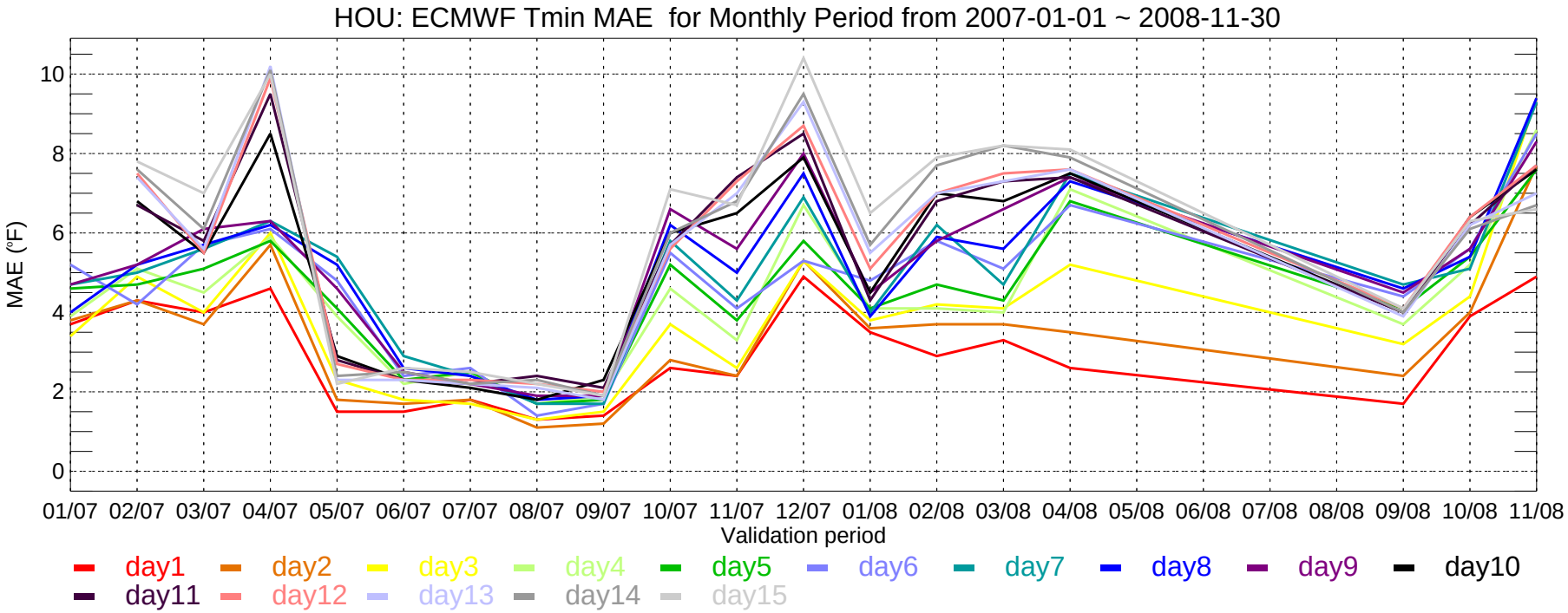

GTF: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
0
-10
-20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

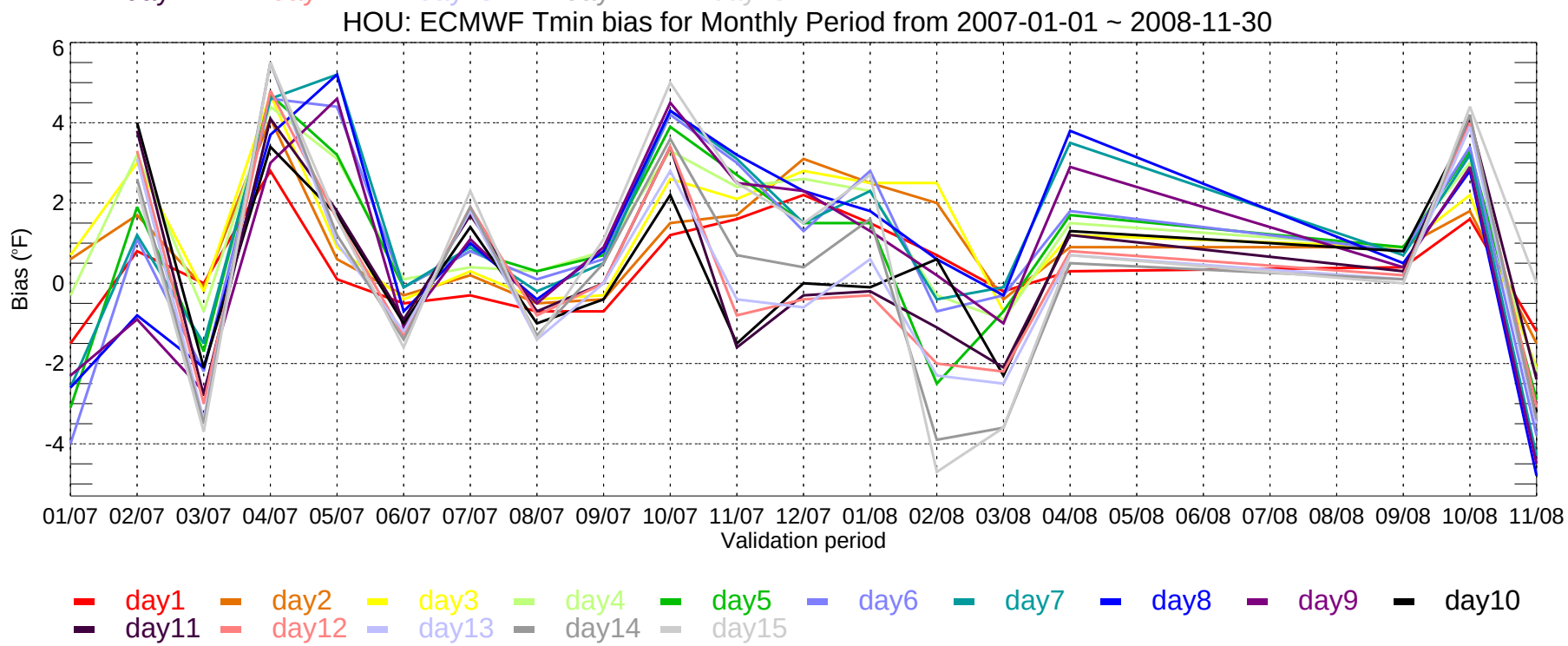

GTF: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

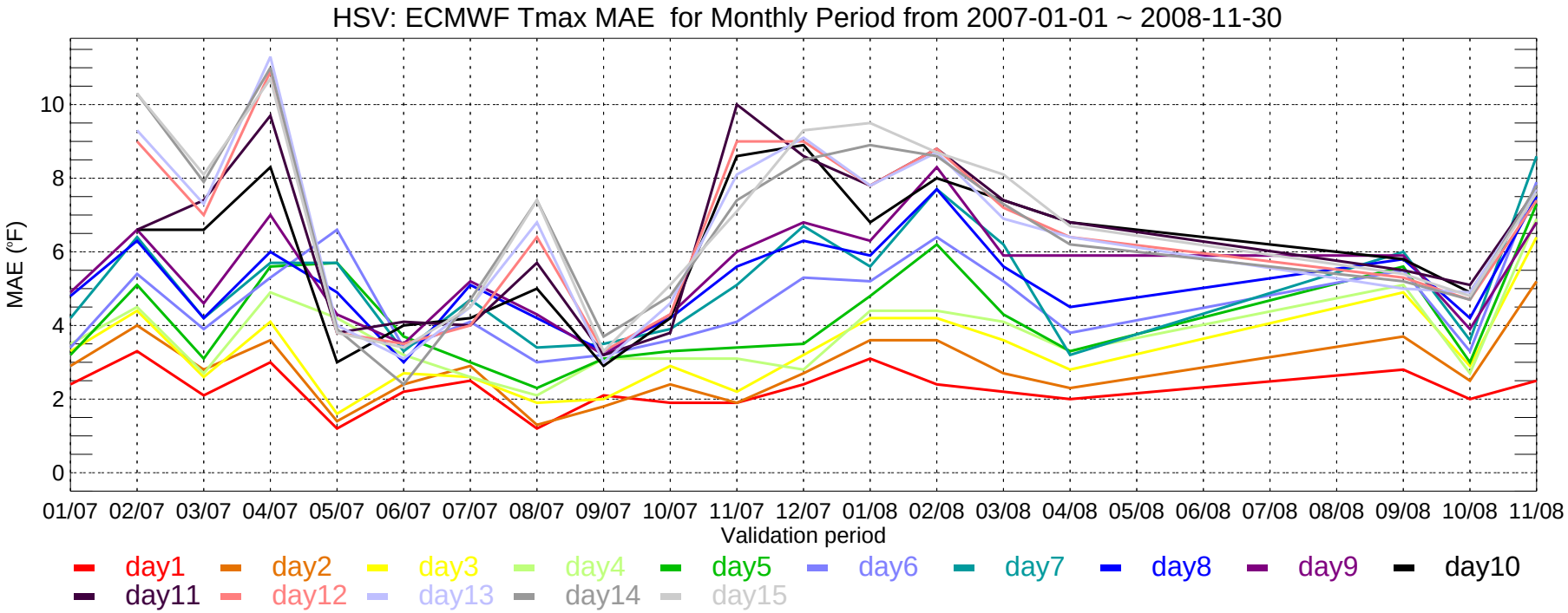

GTF: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

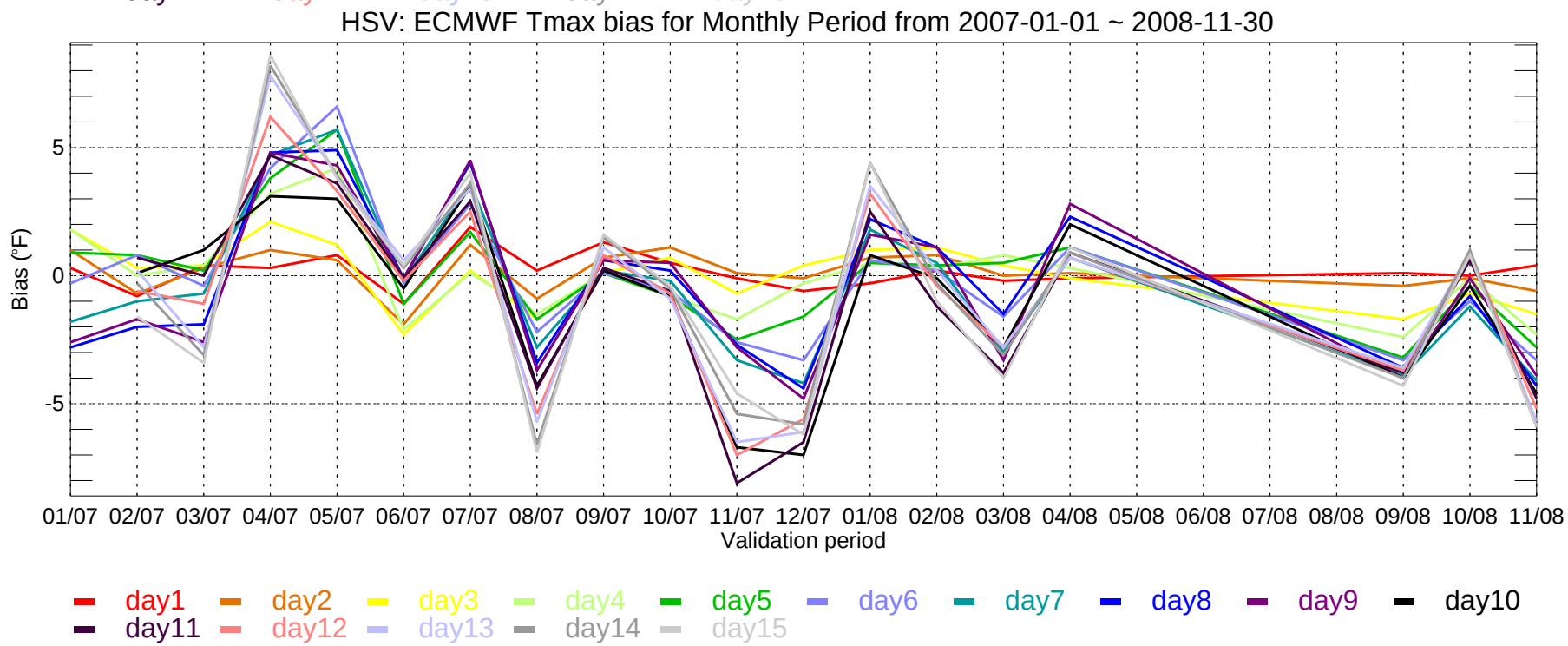

HOU: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

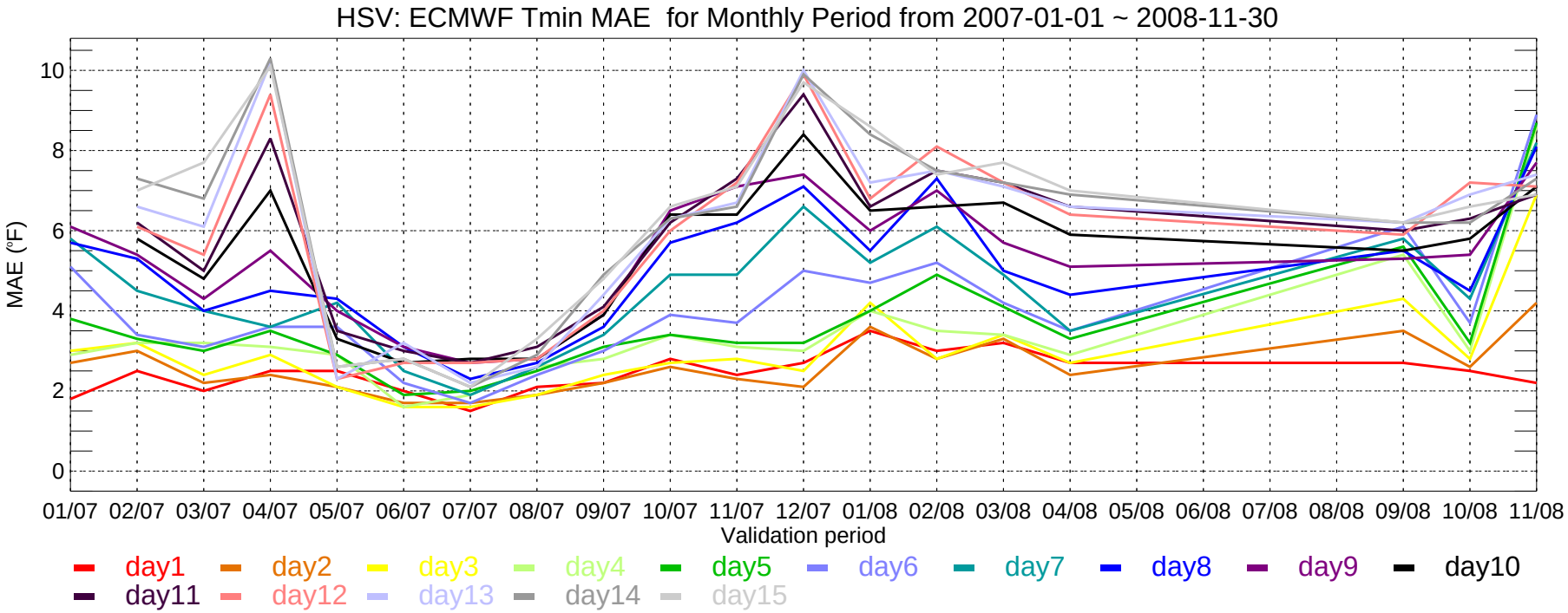

HOU: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

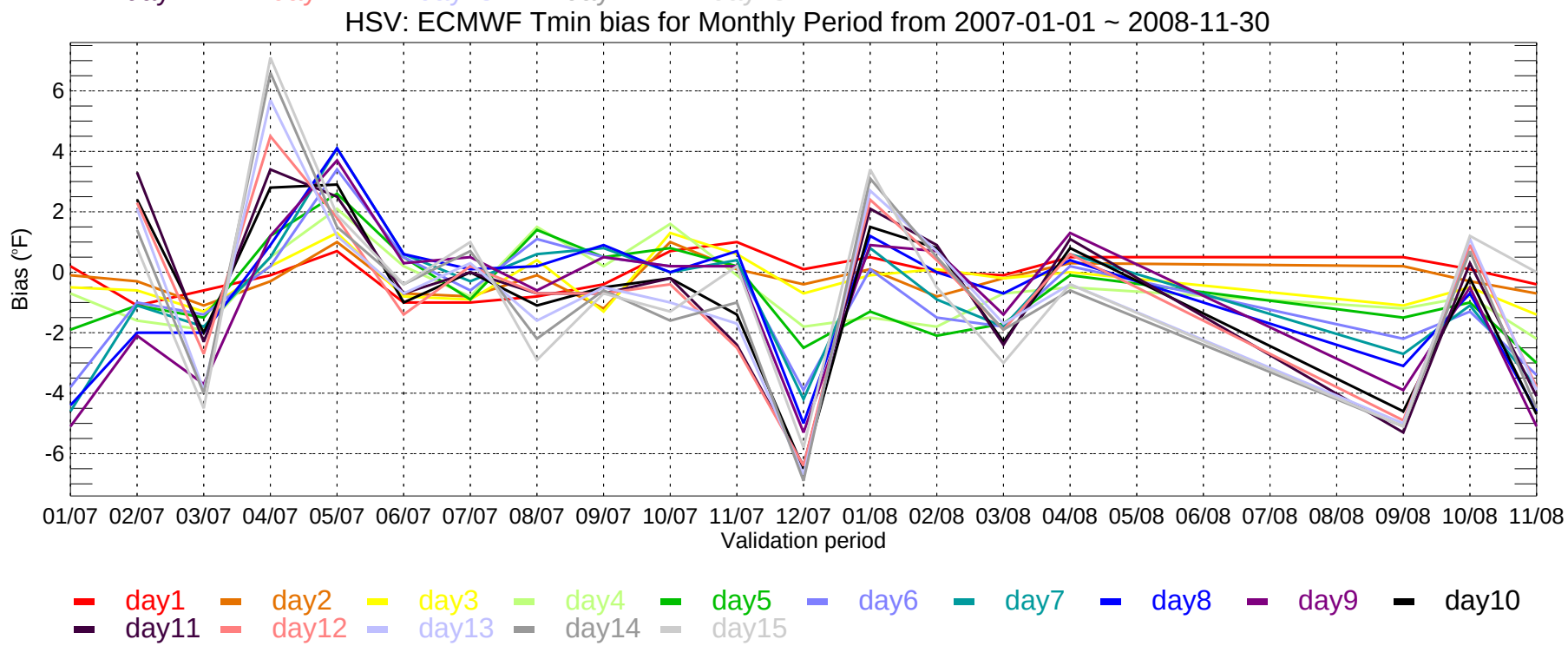

HOU: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

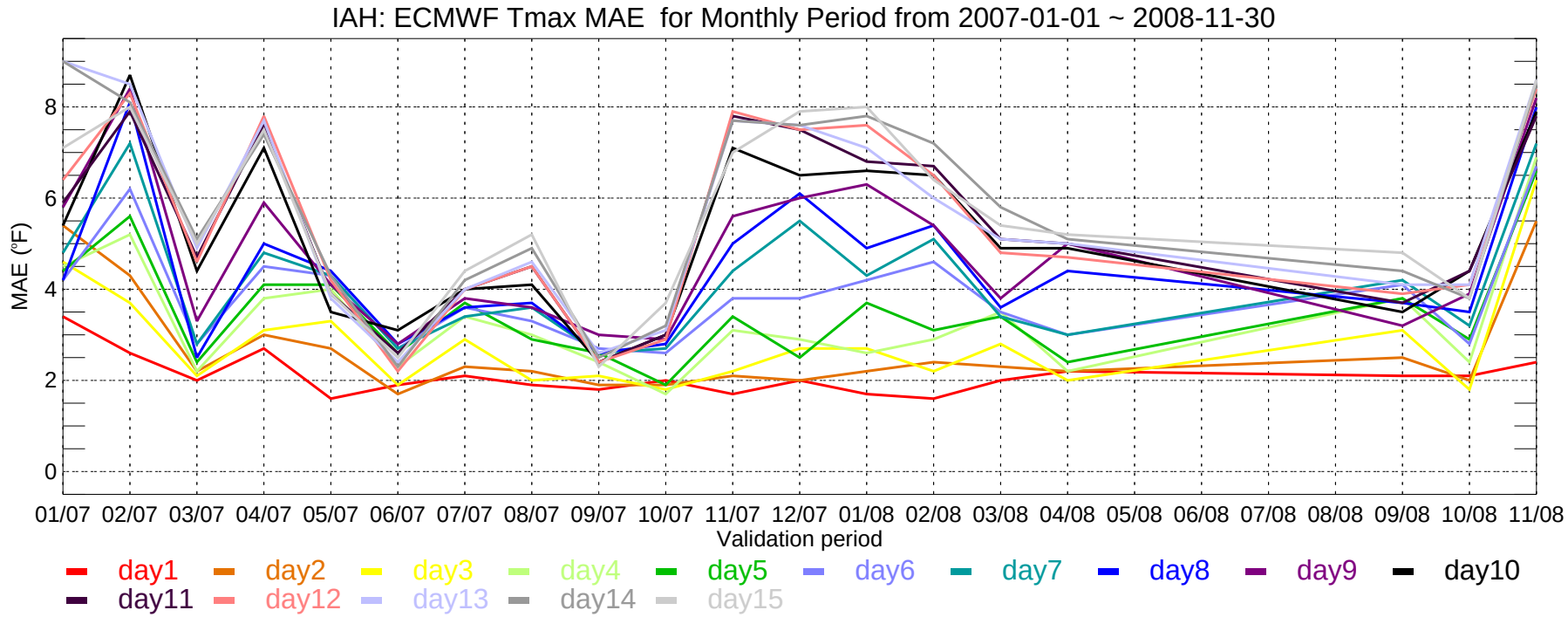

HOU: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


HSV: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


HSV: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


HSV: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


HSV: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


IAH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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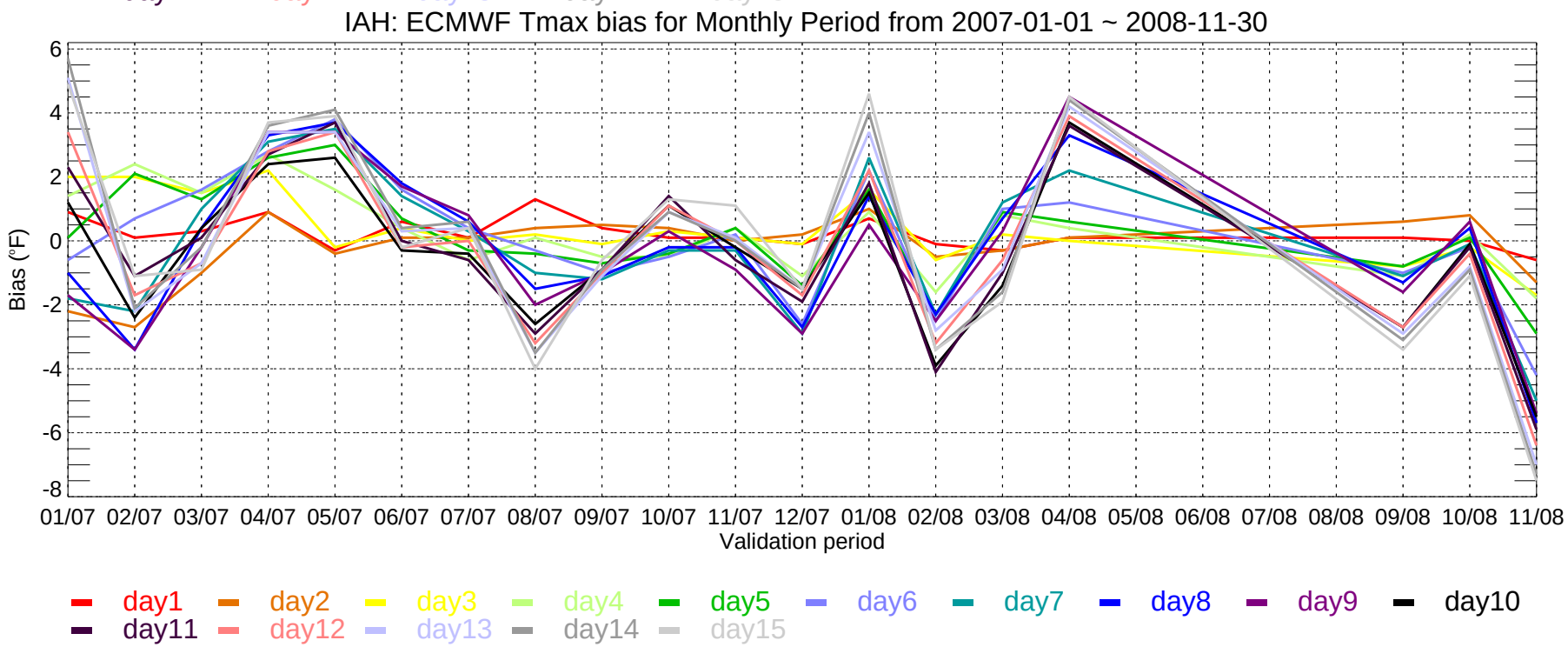
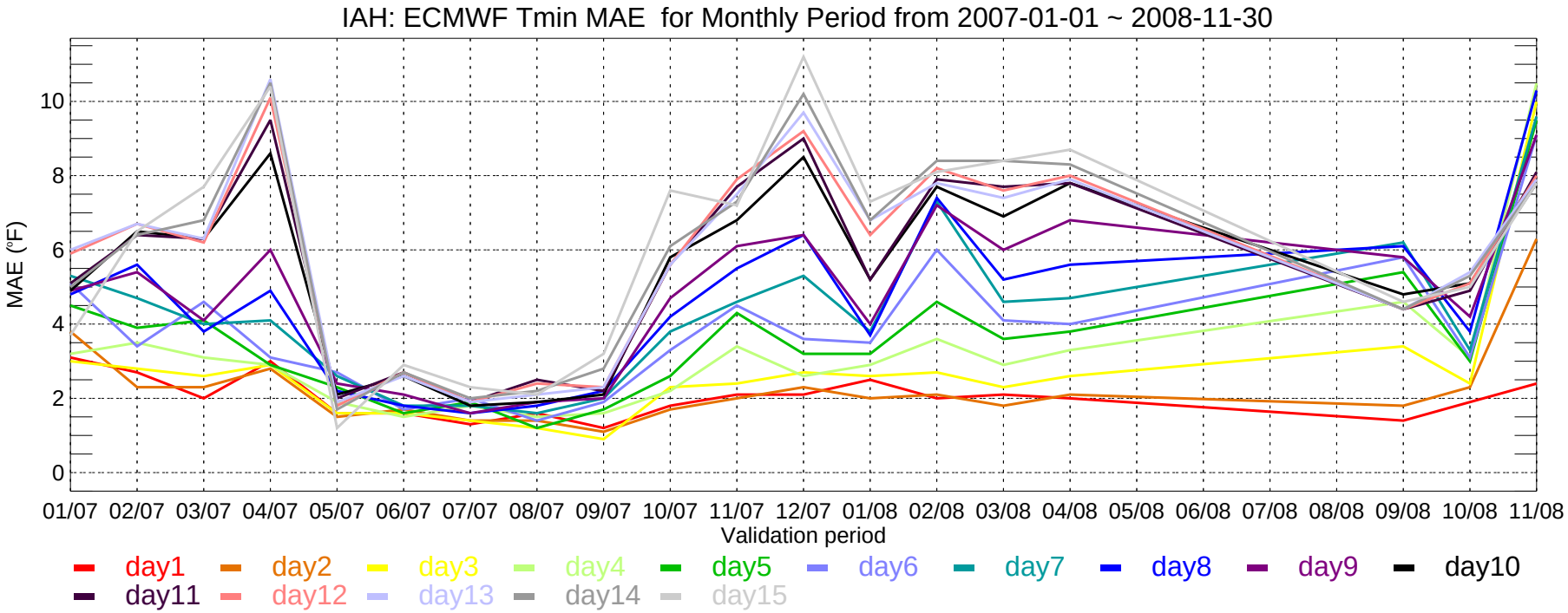
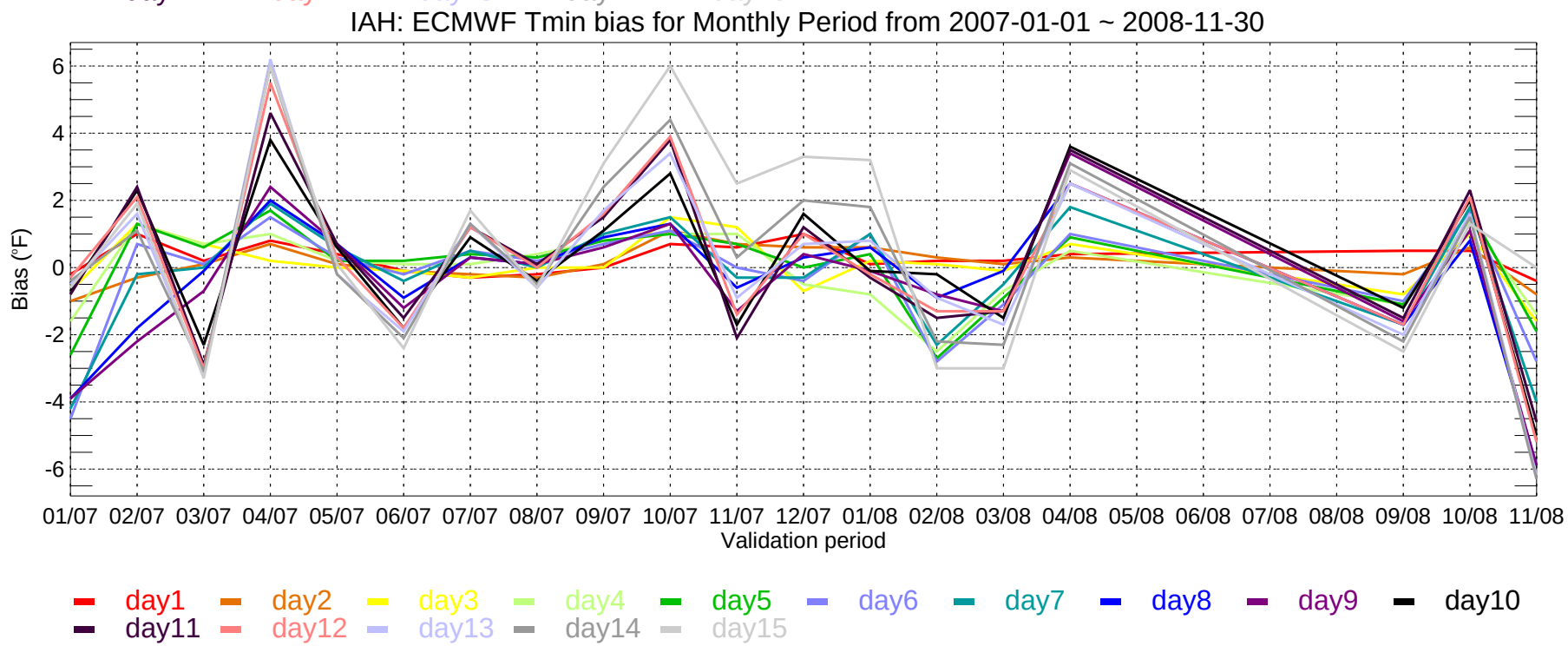
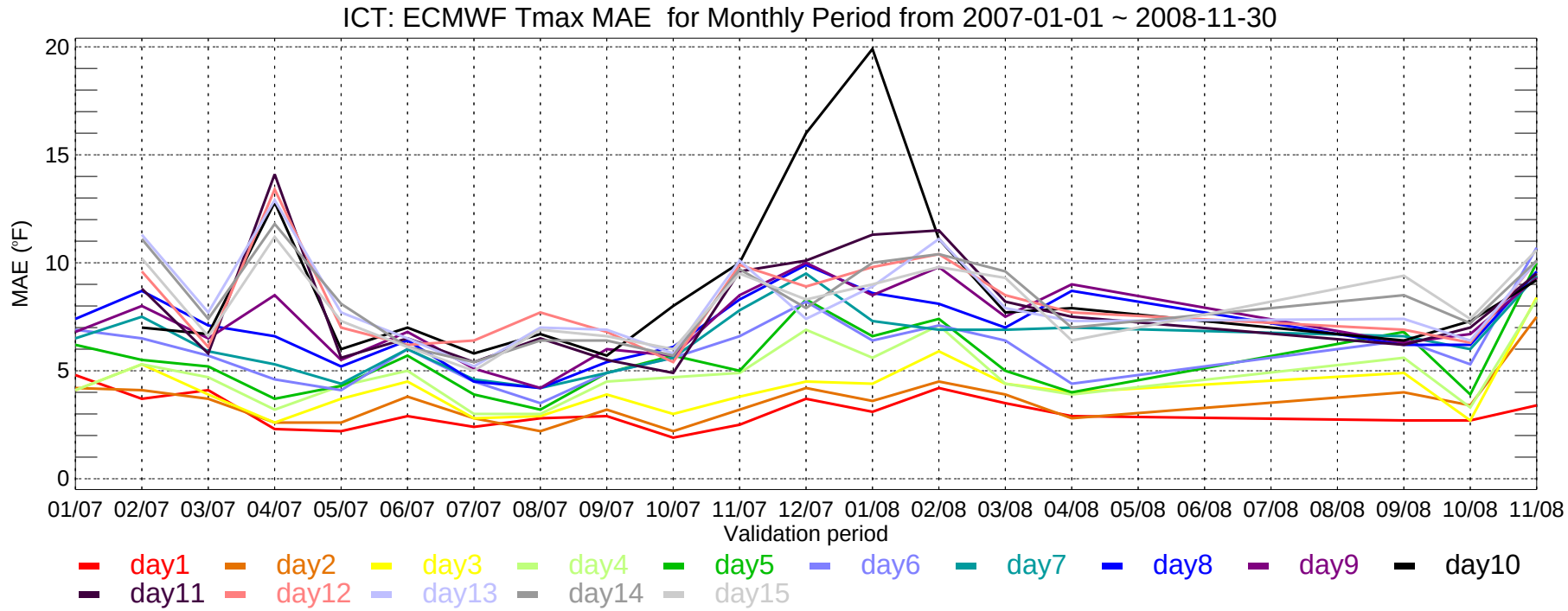
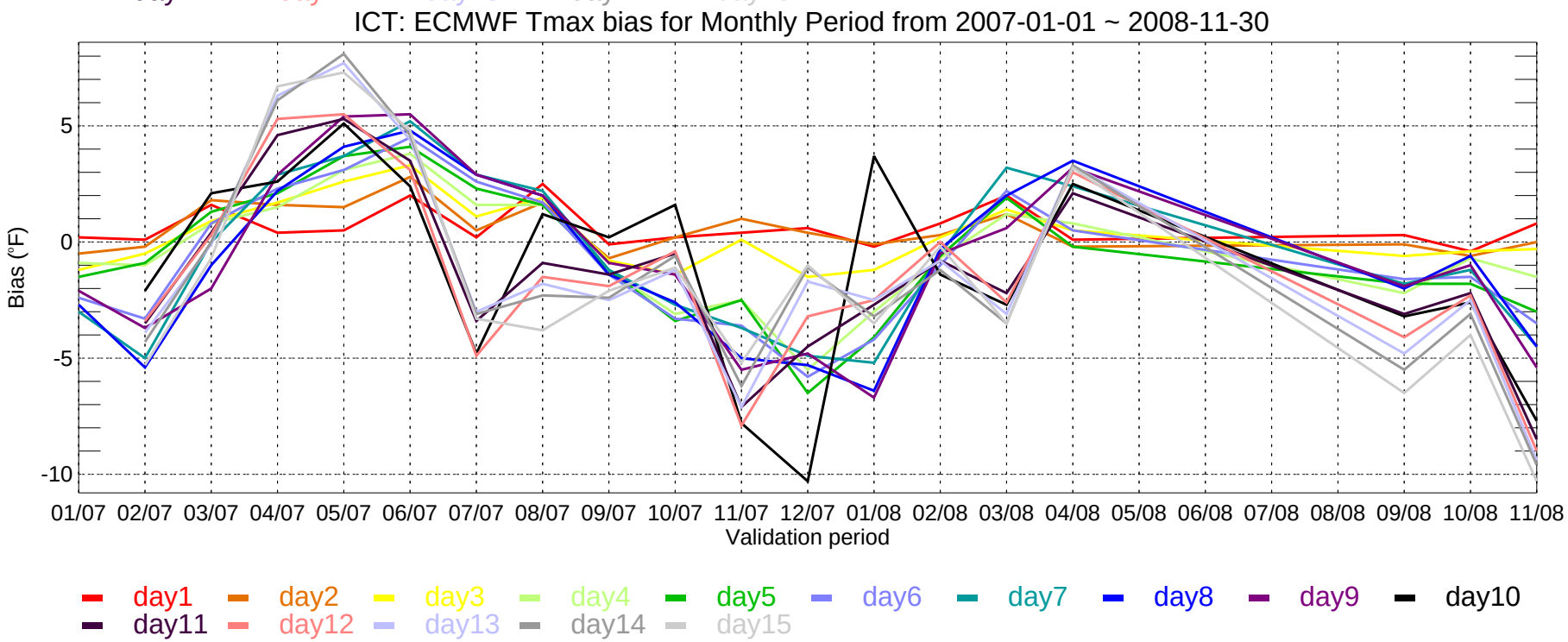
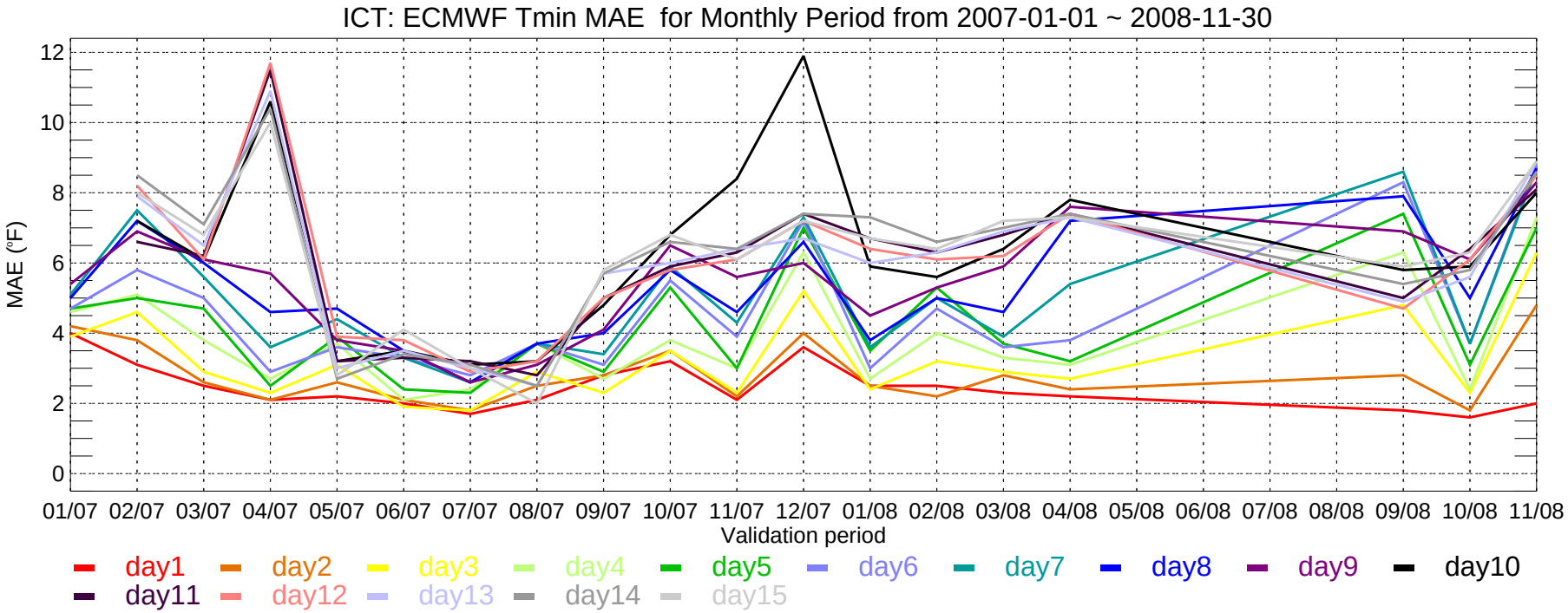

IAH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

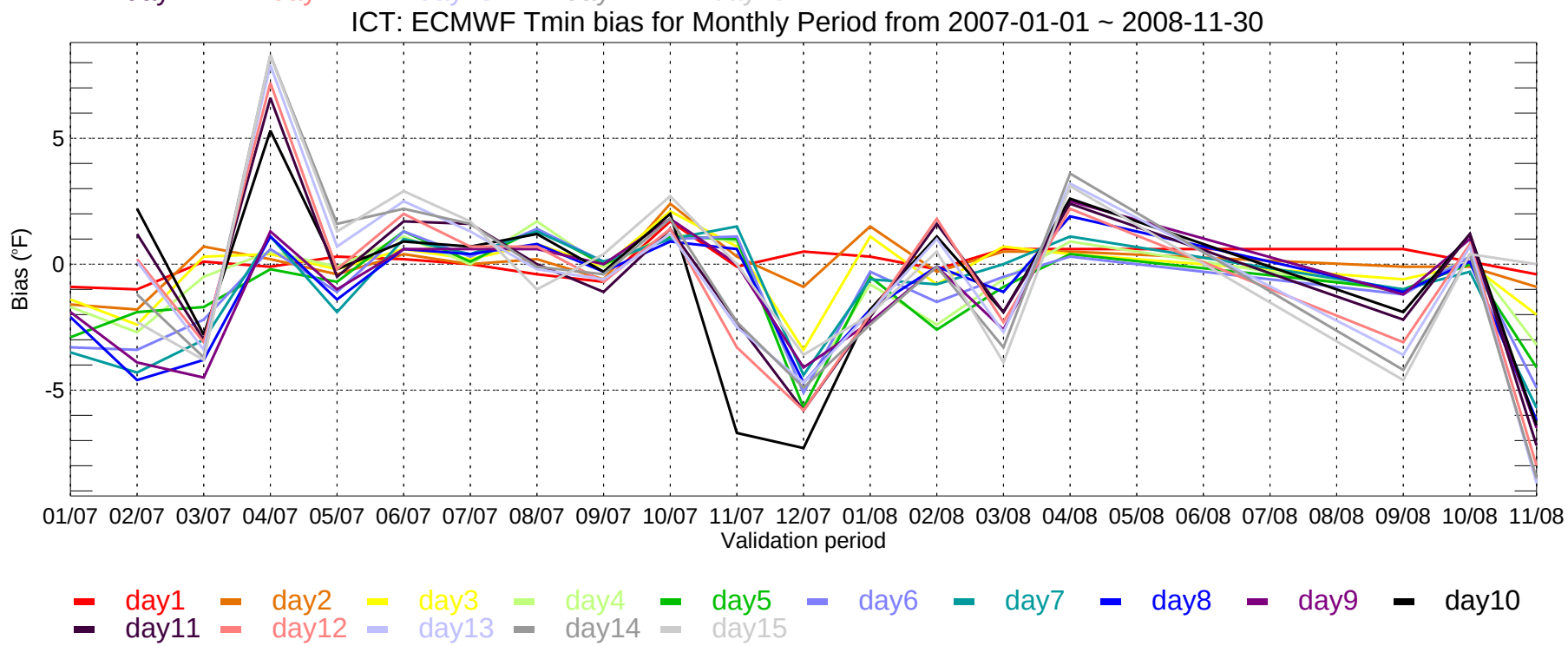

IAH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

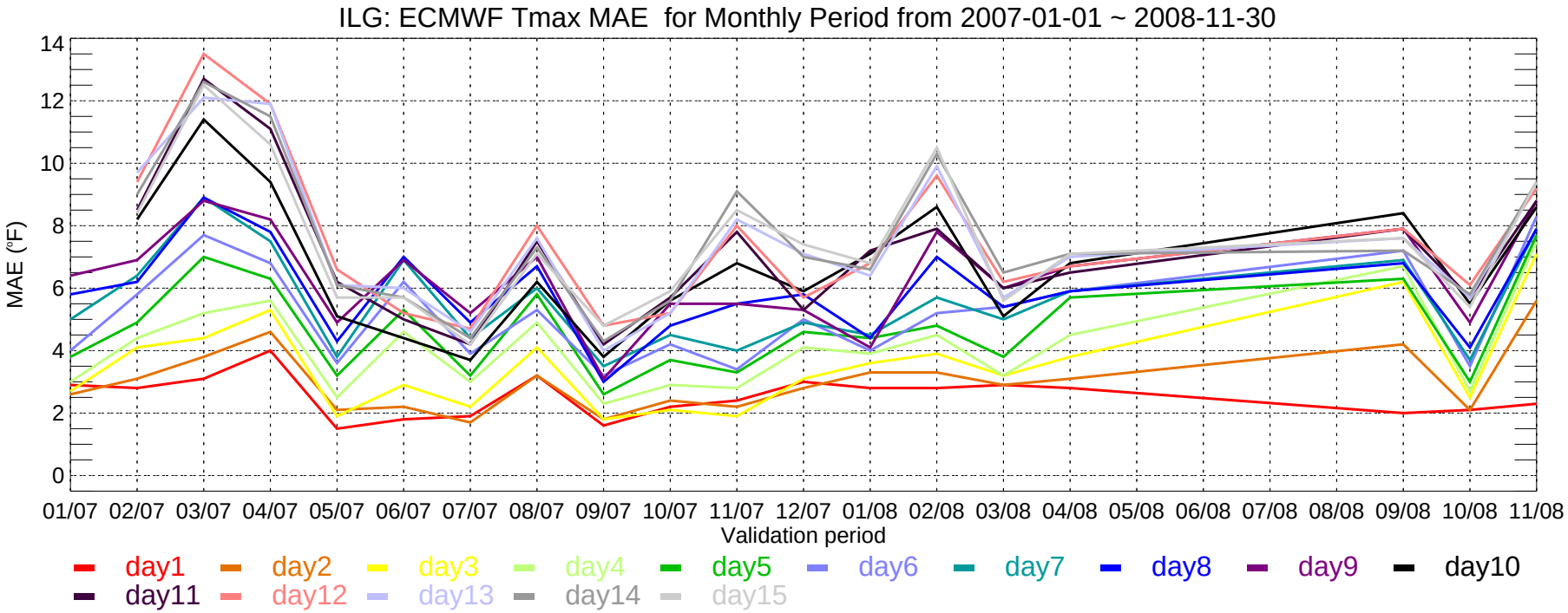

IAH: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

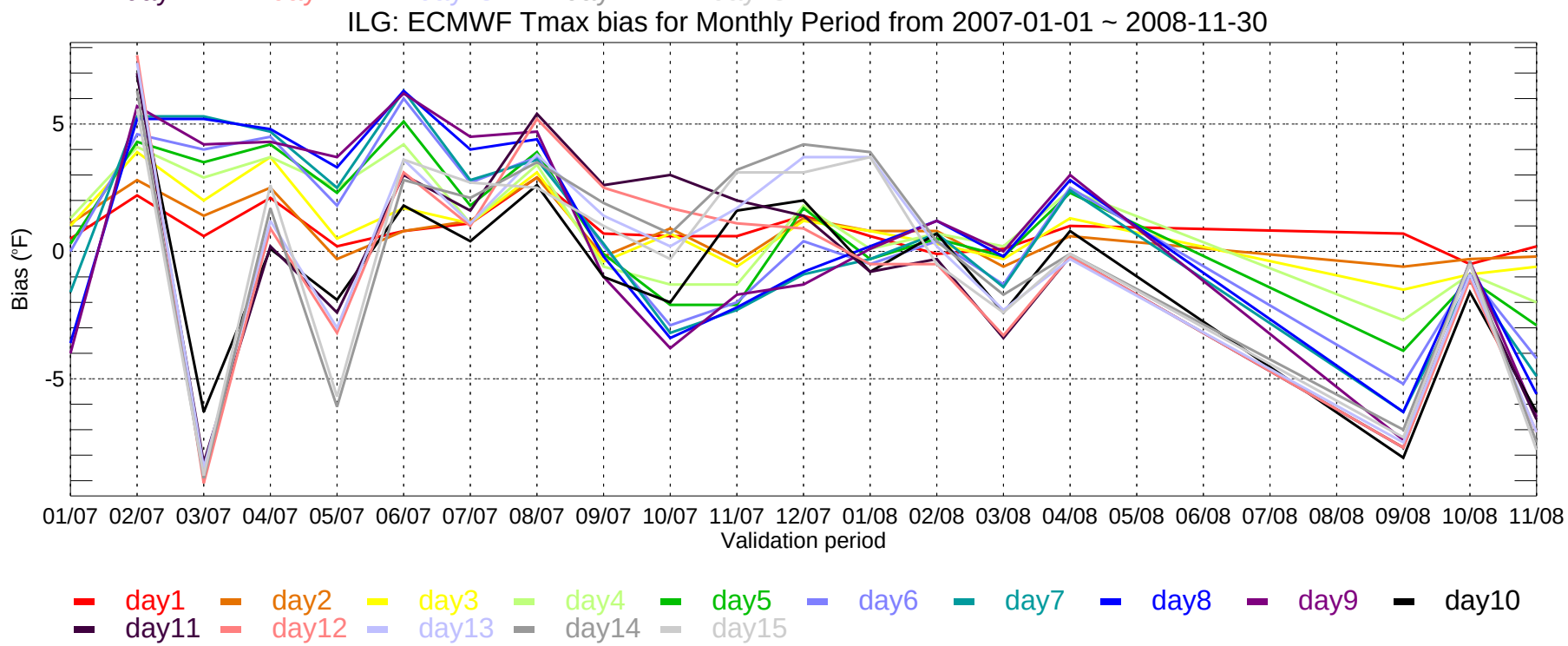

ICT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

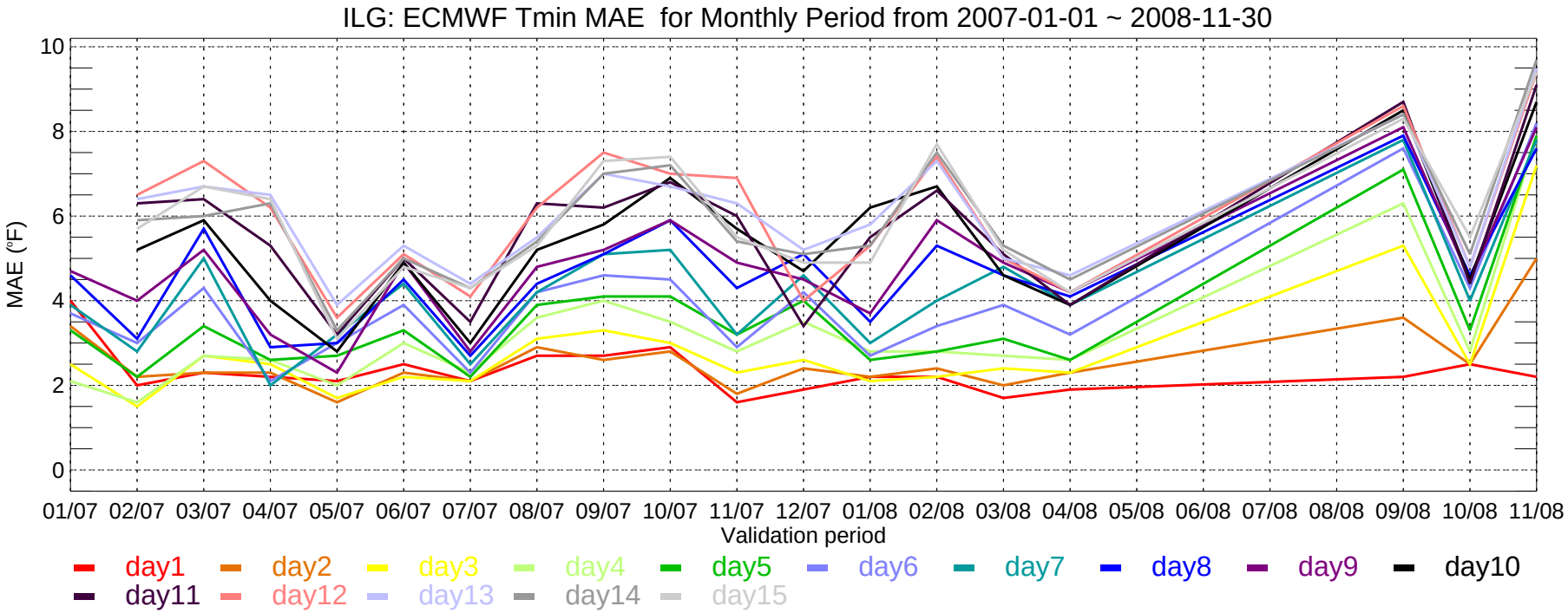

ICT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

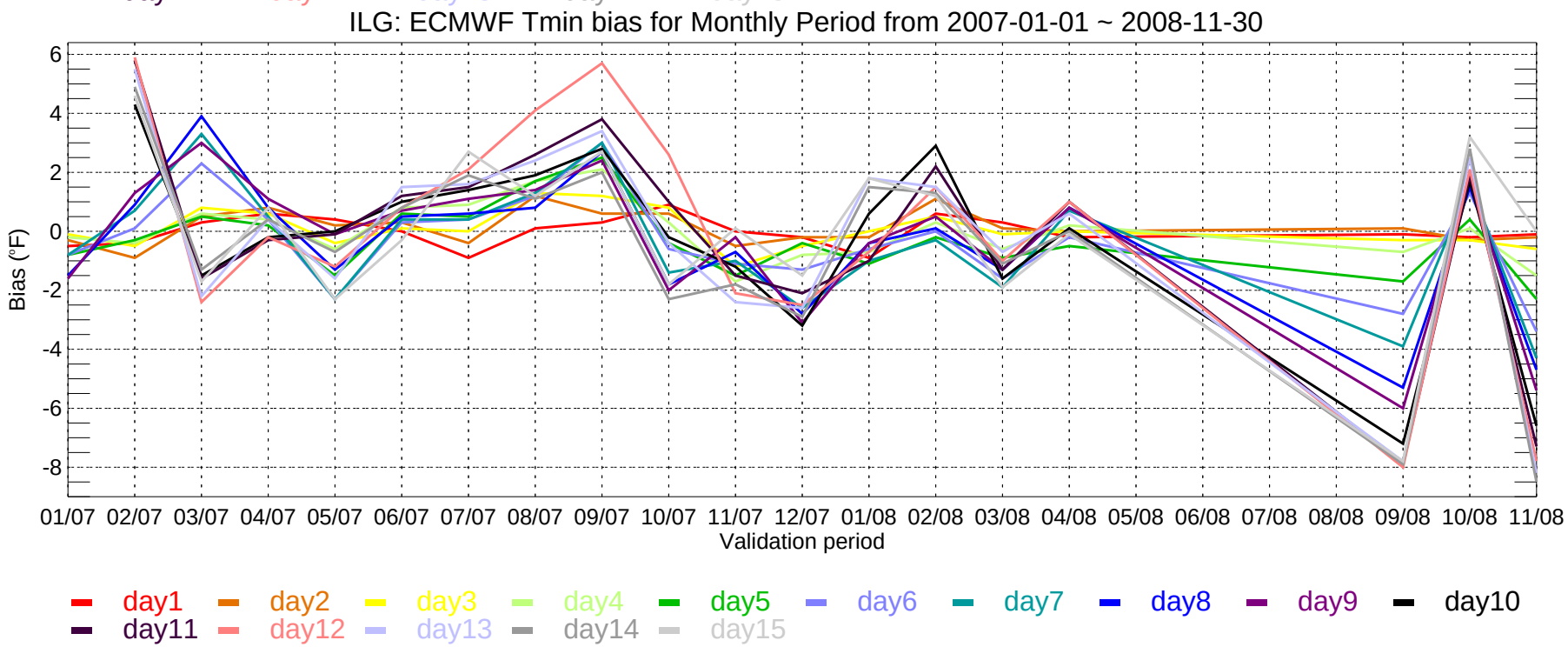

ICT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

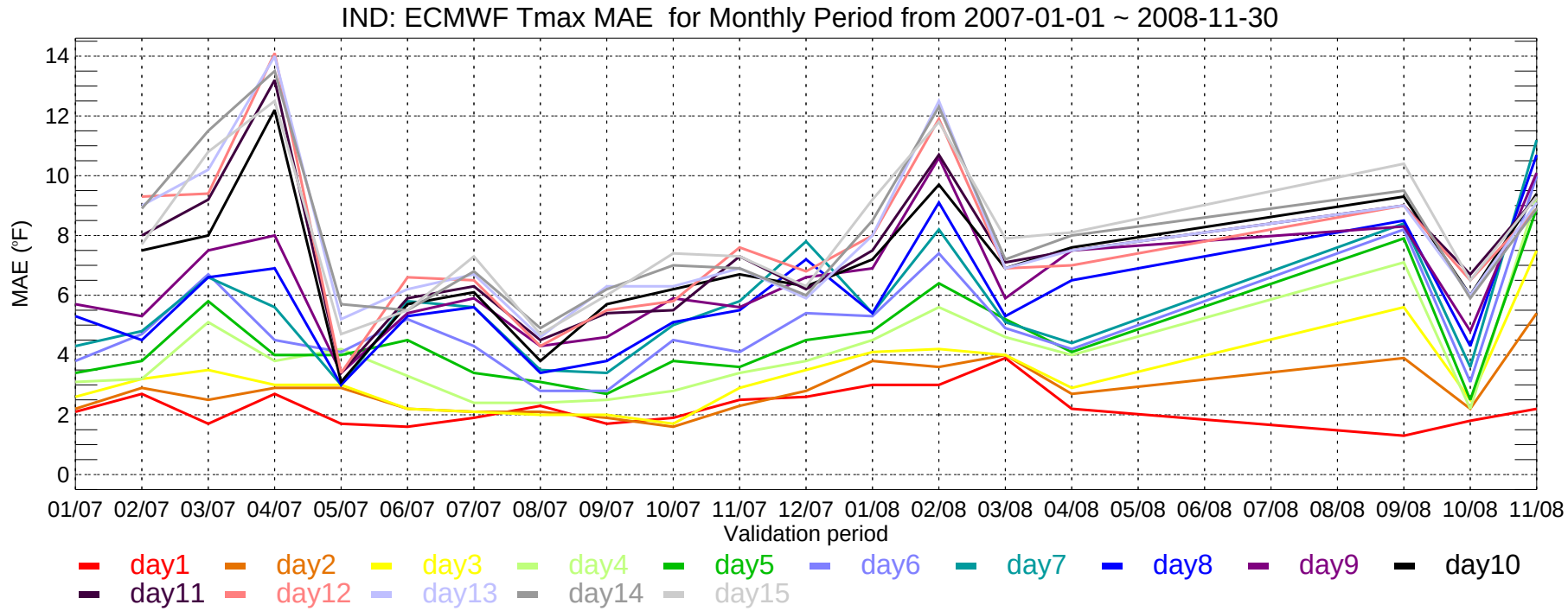

ICT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

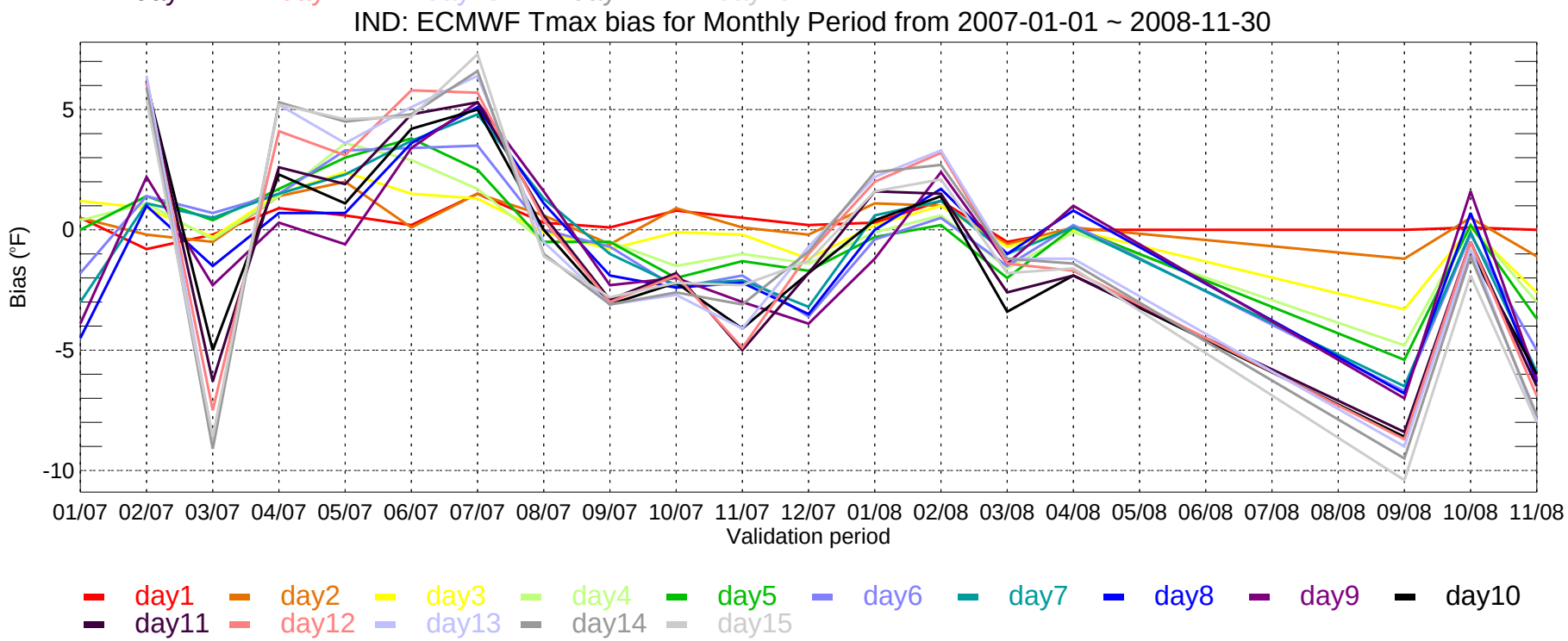

ILG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

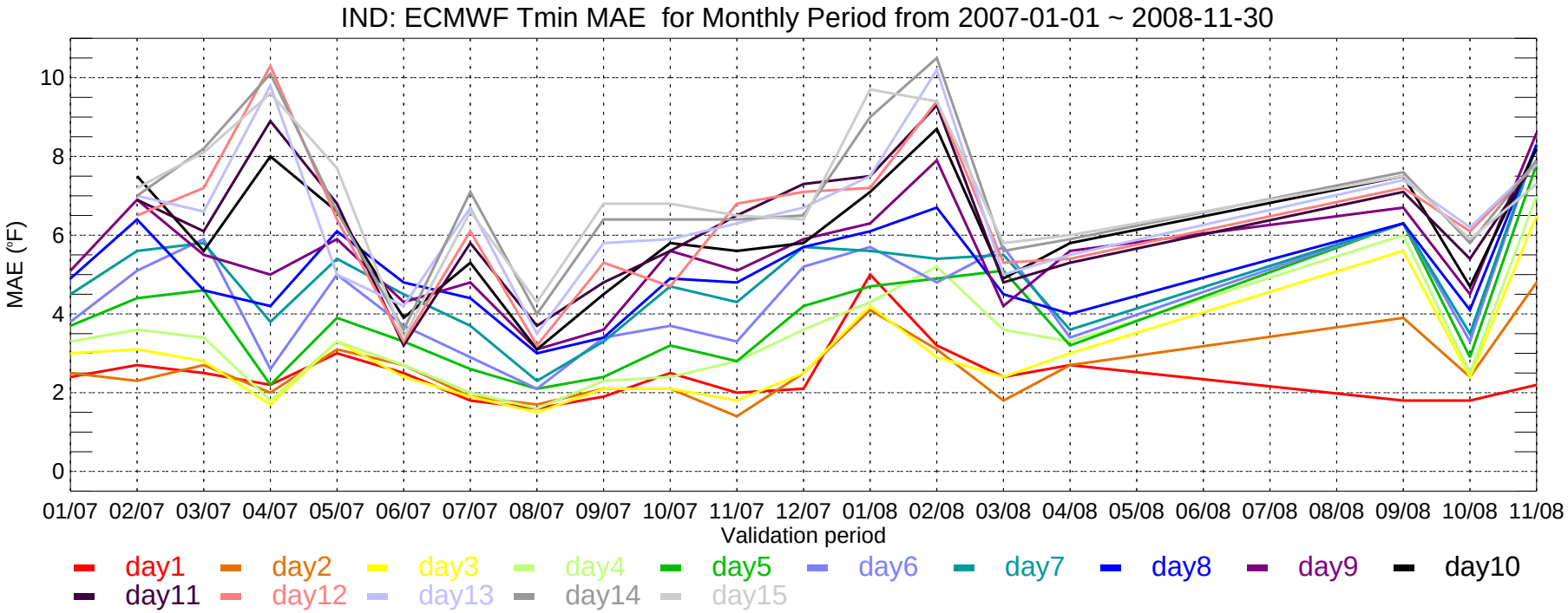

ILG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

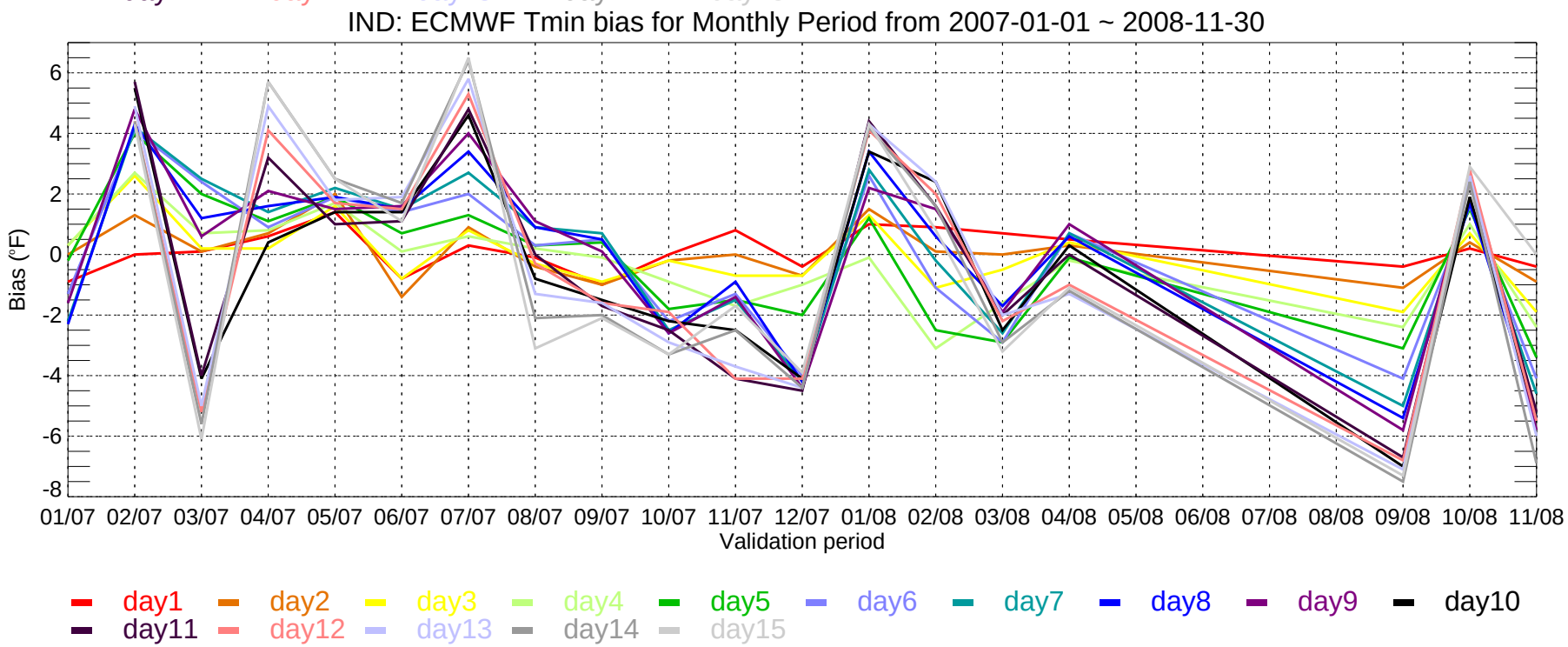

ILG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

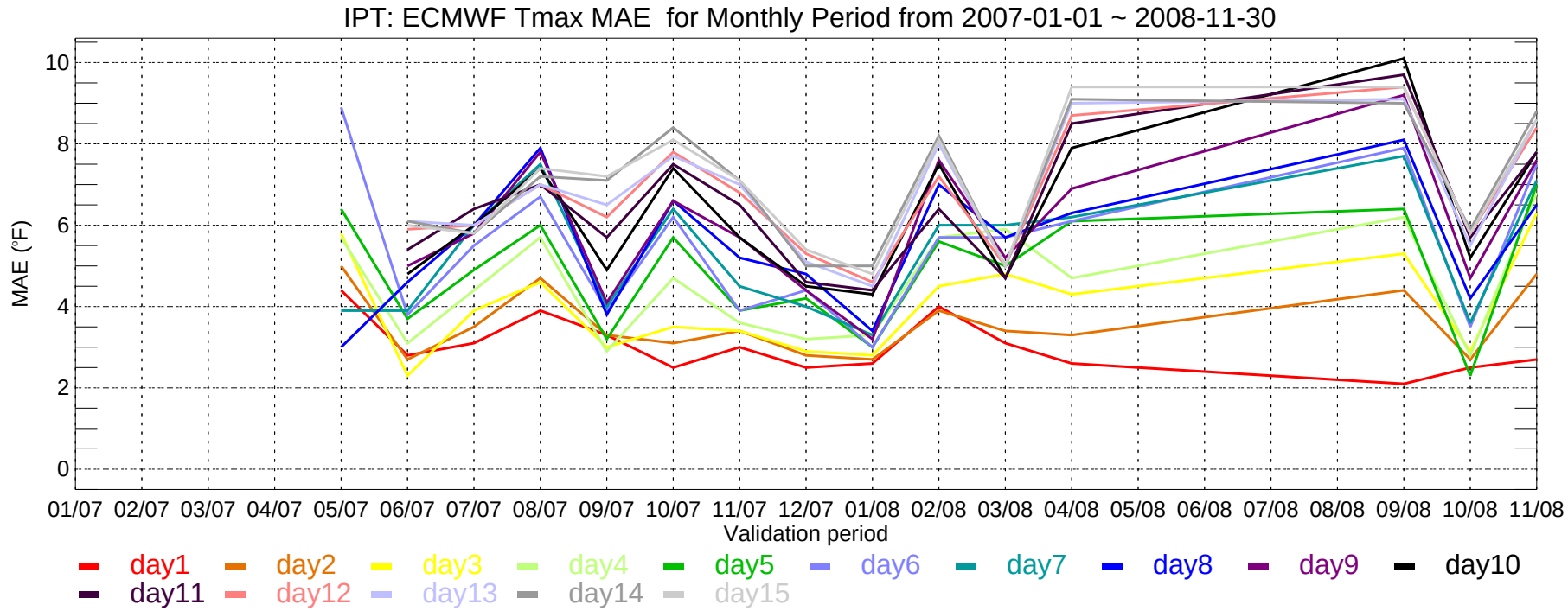

ILG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

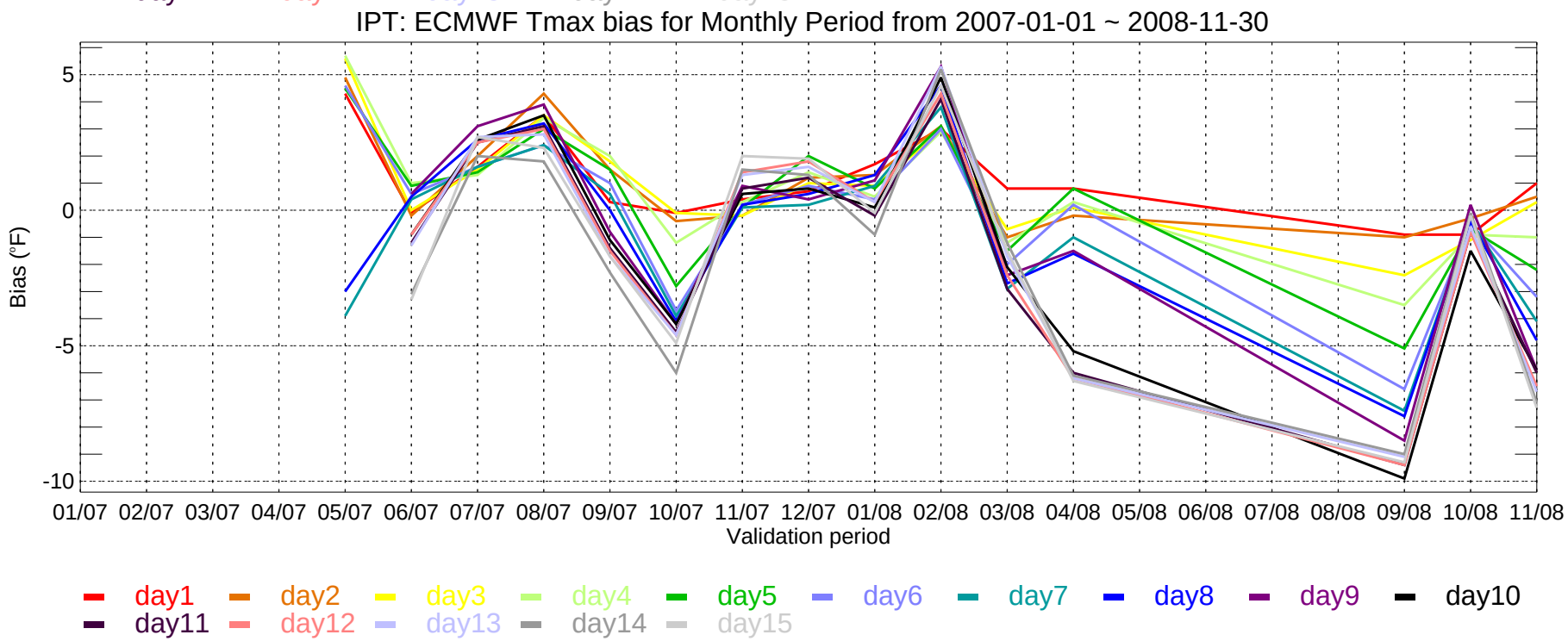

IND: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

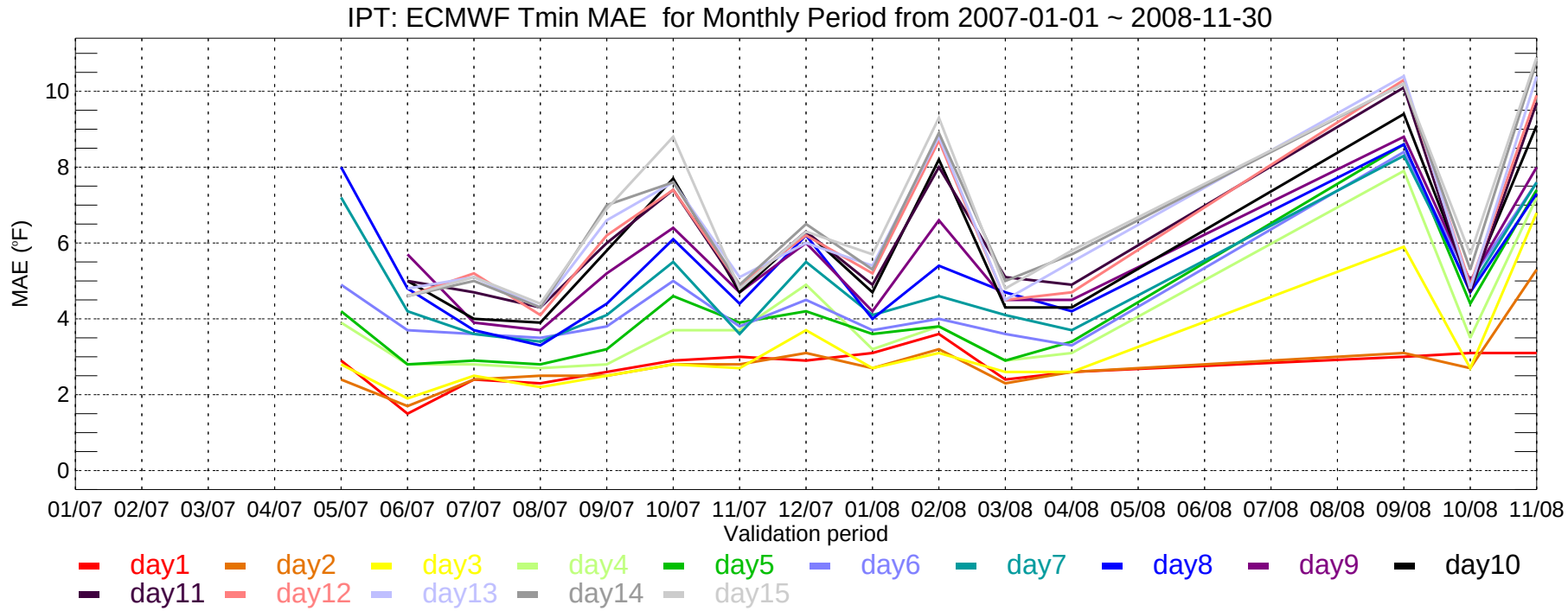

IND: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

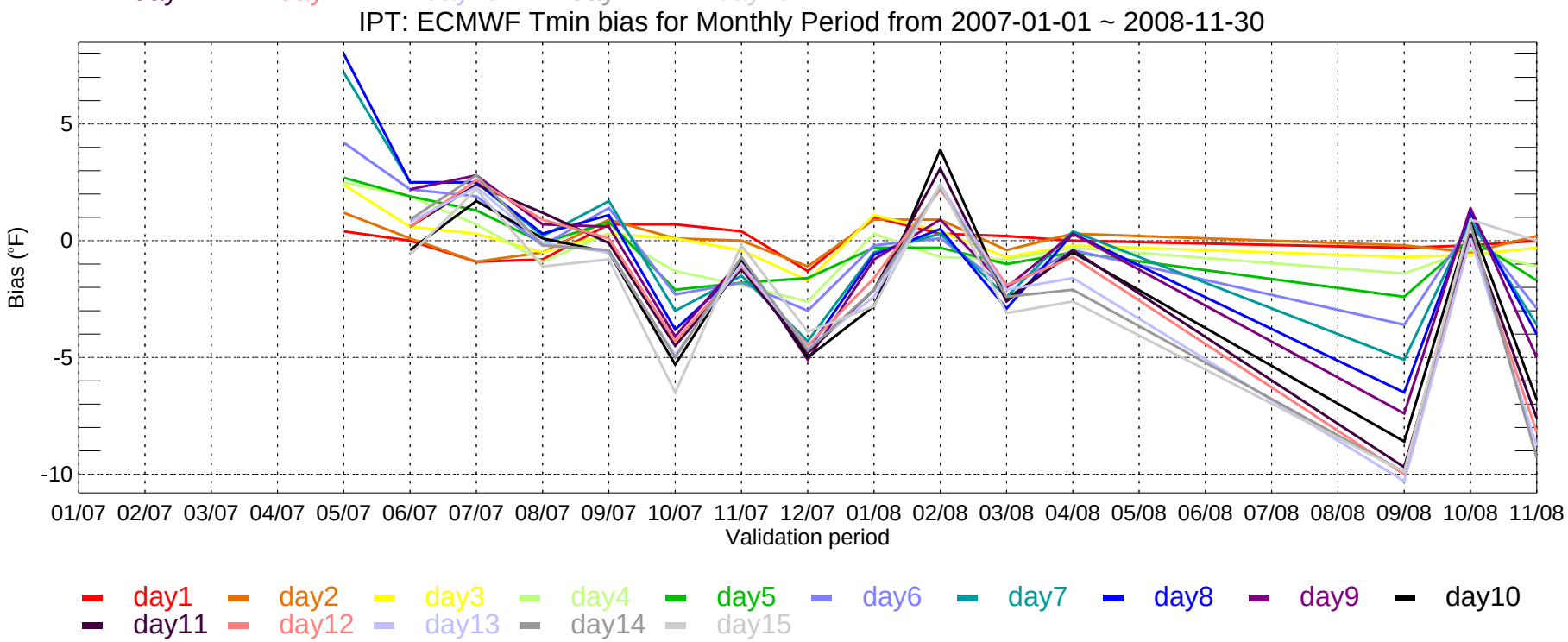

IND: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


IND: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-8
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


IPT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


IPT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


IPT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


IPT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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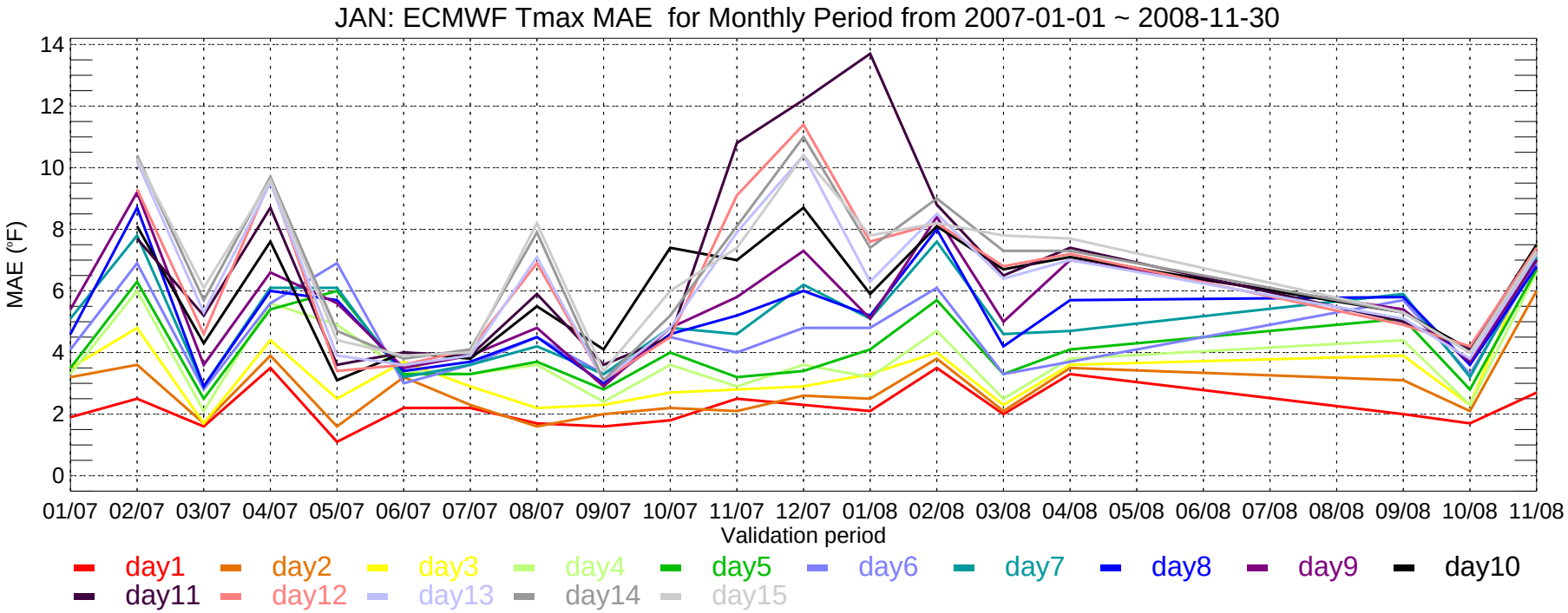
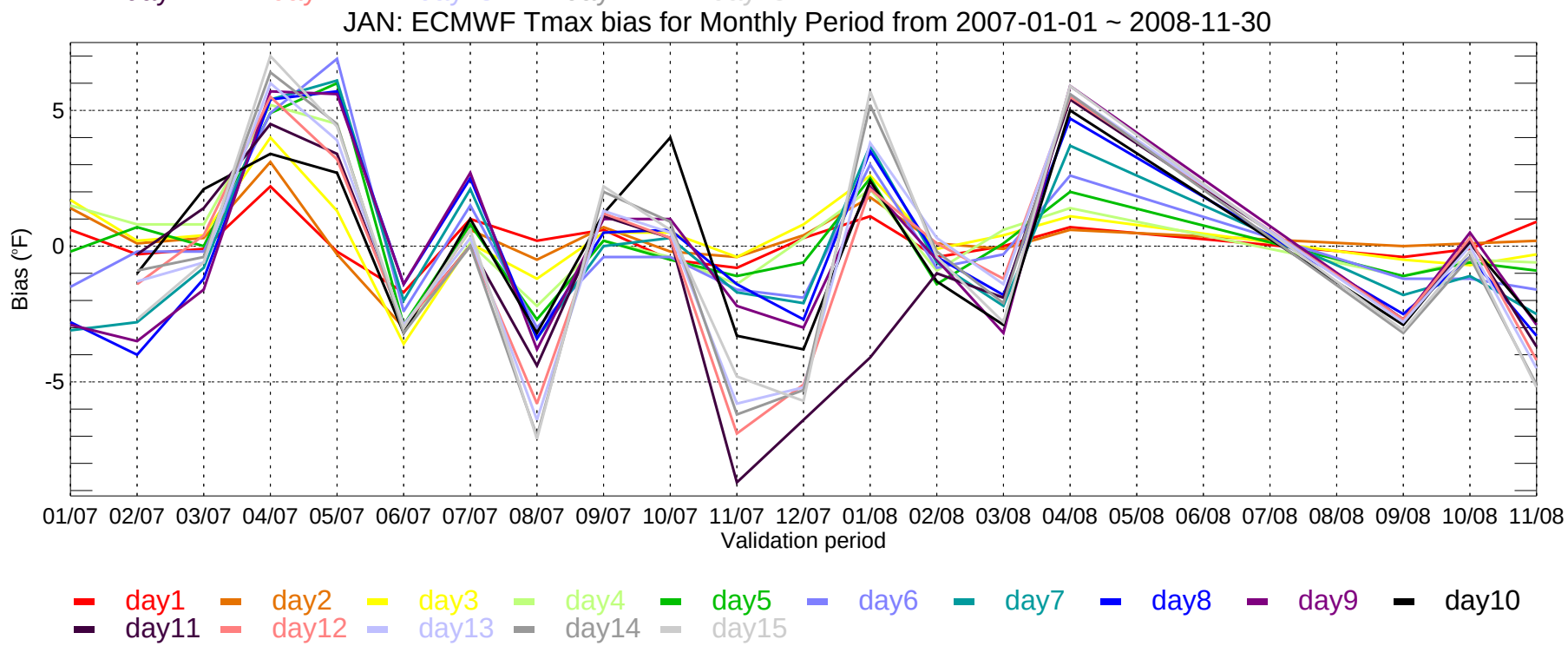
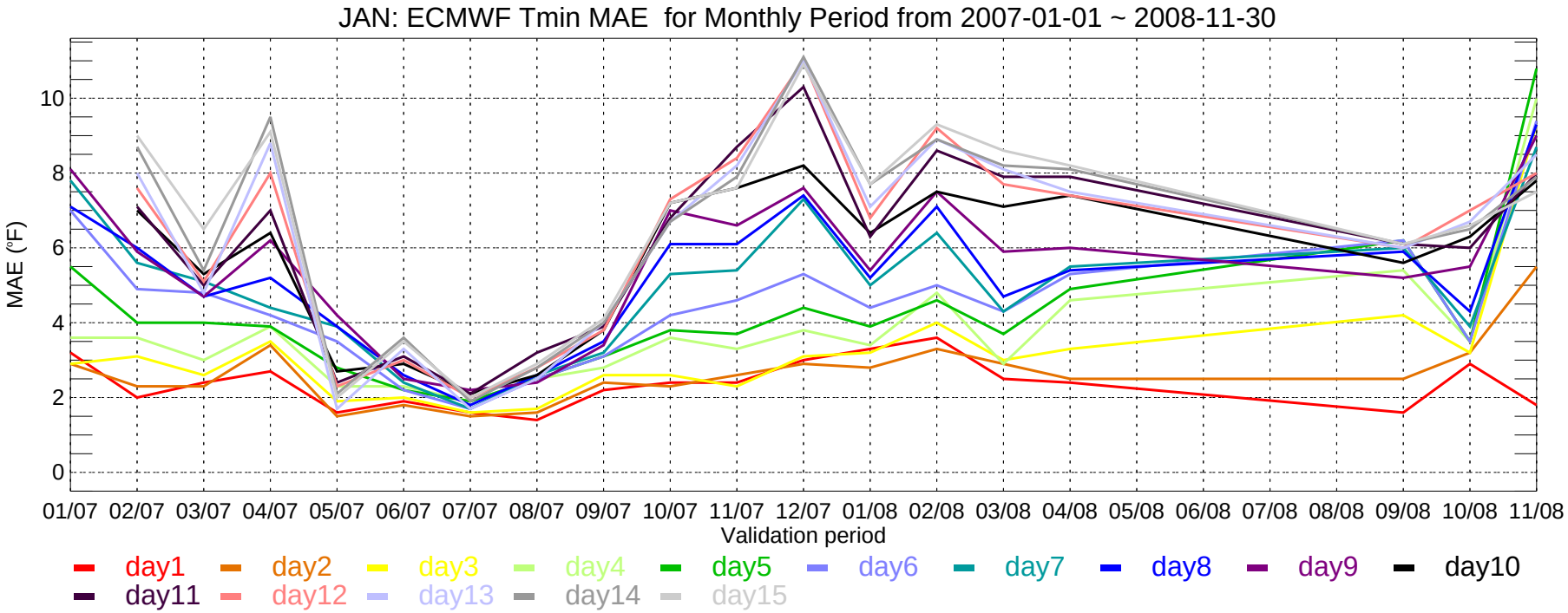
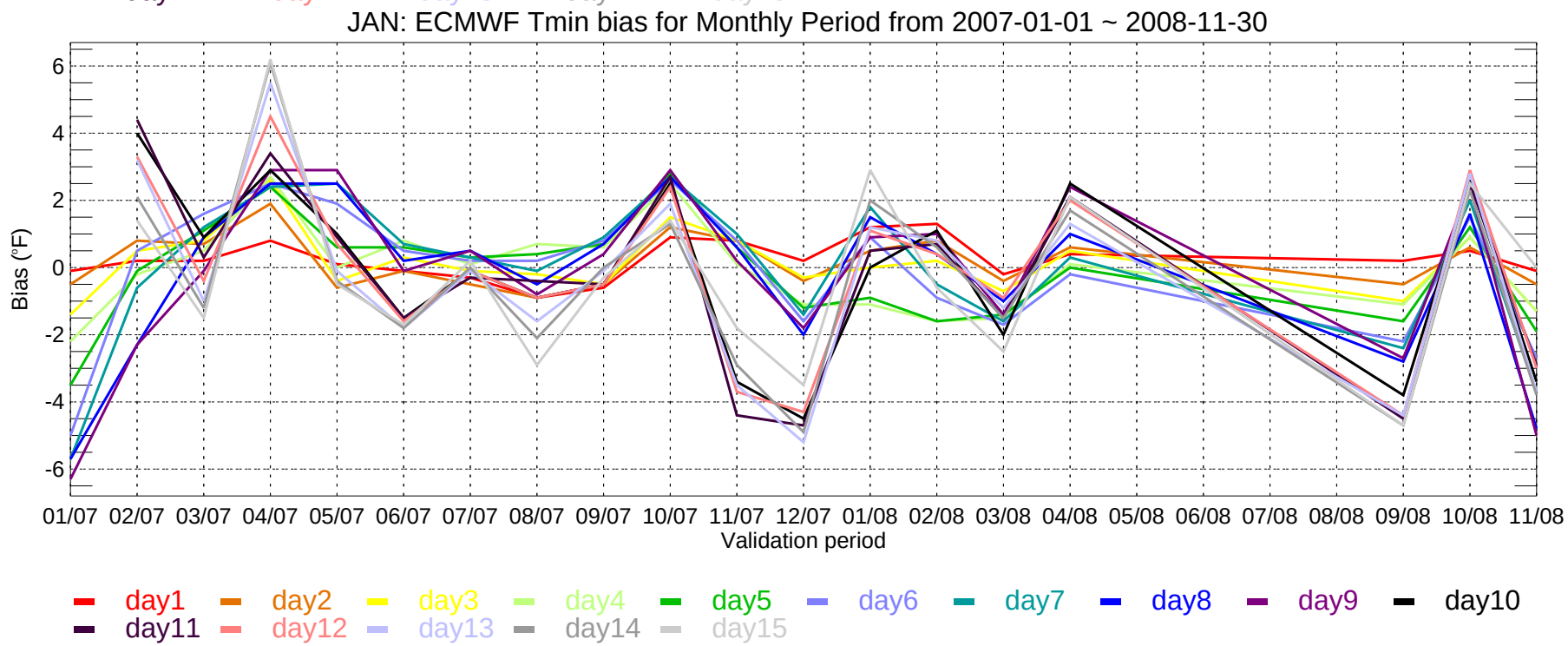
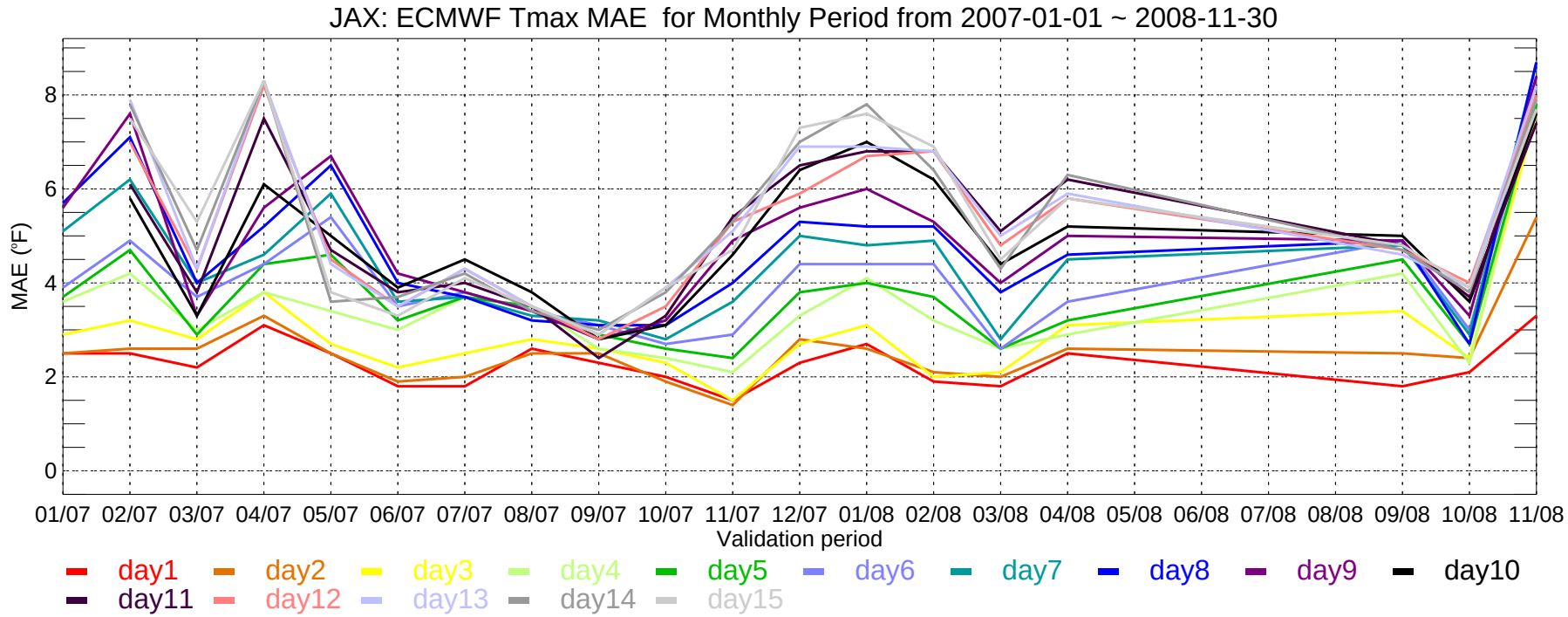
day11 day12 day13 day14 day15


JAN: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


JAN: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


JAN: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


JAN: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15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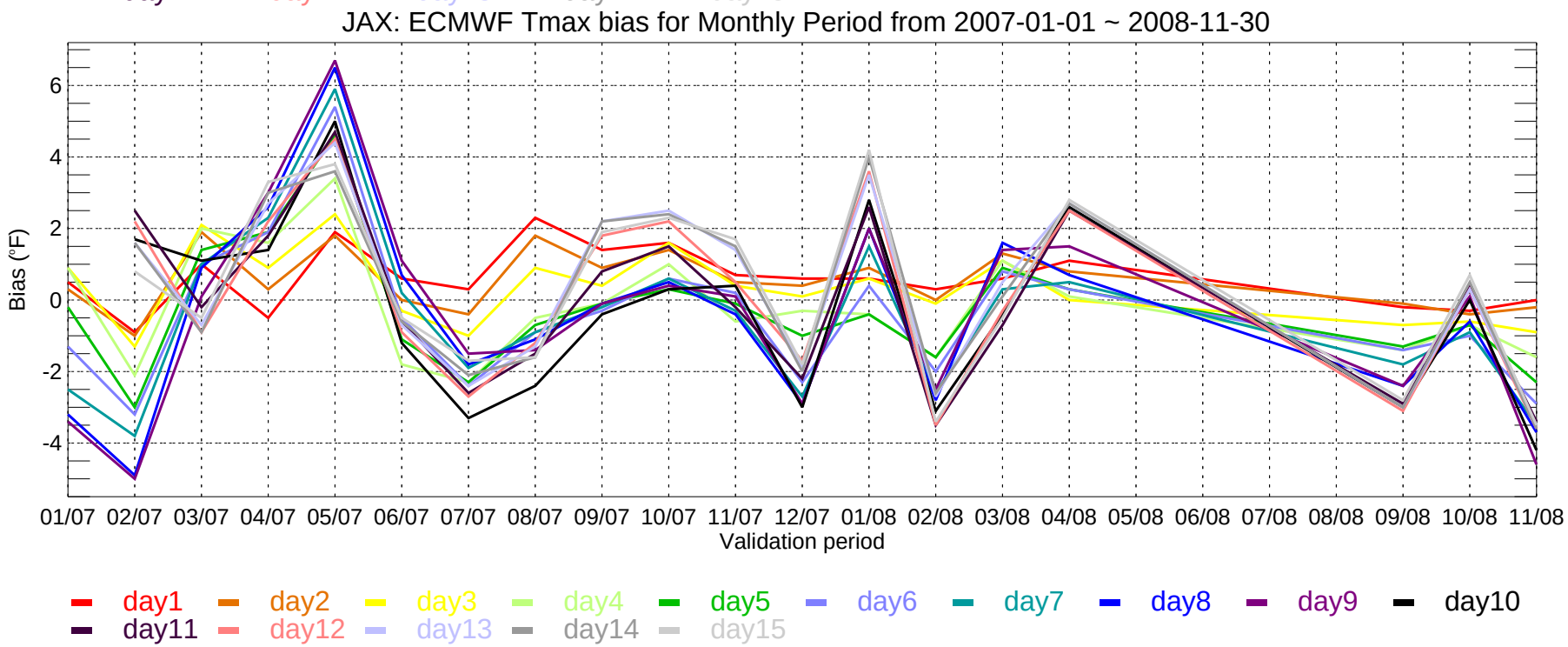
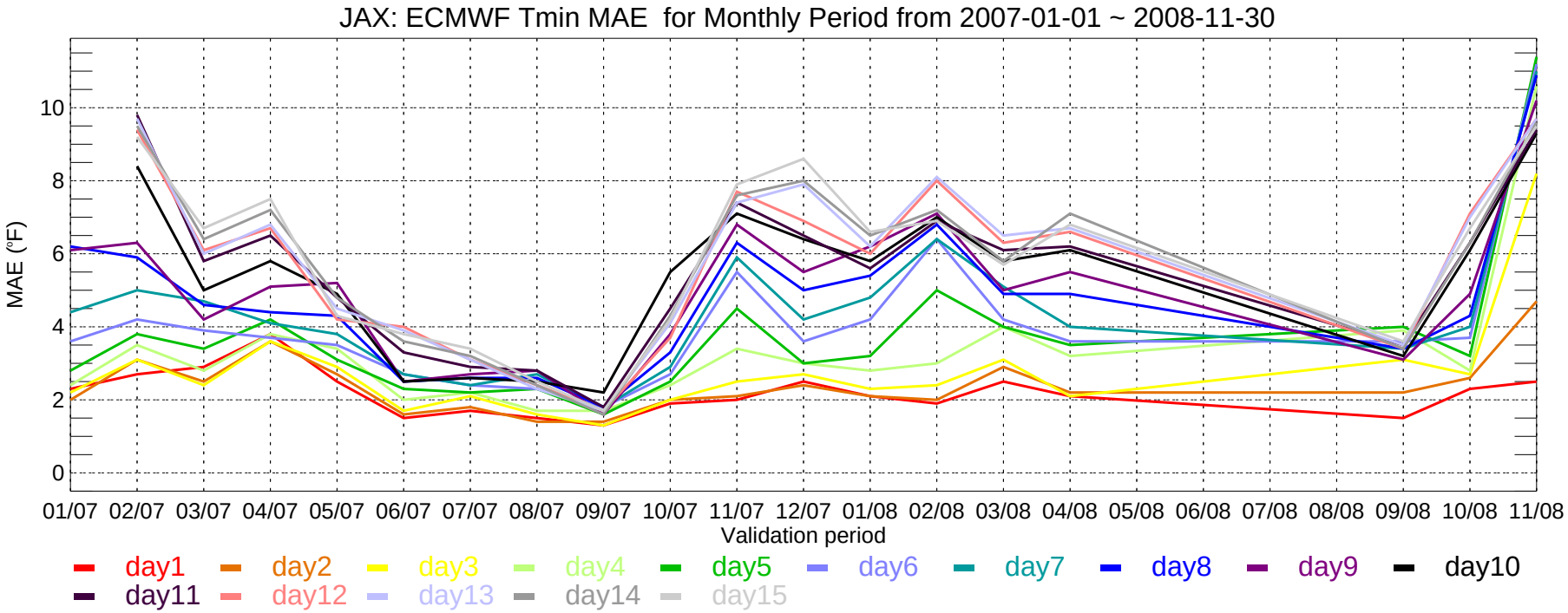
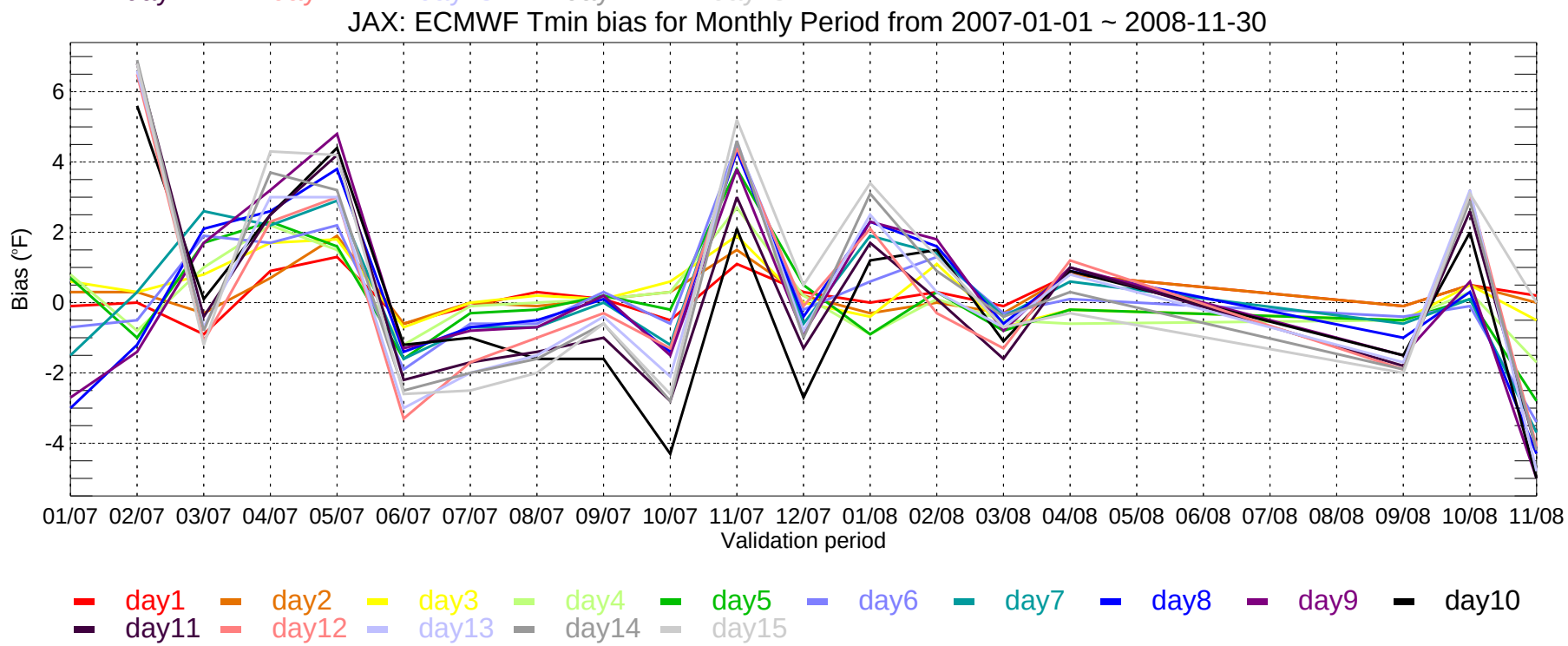
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


JAX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


JAX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


JAX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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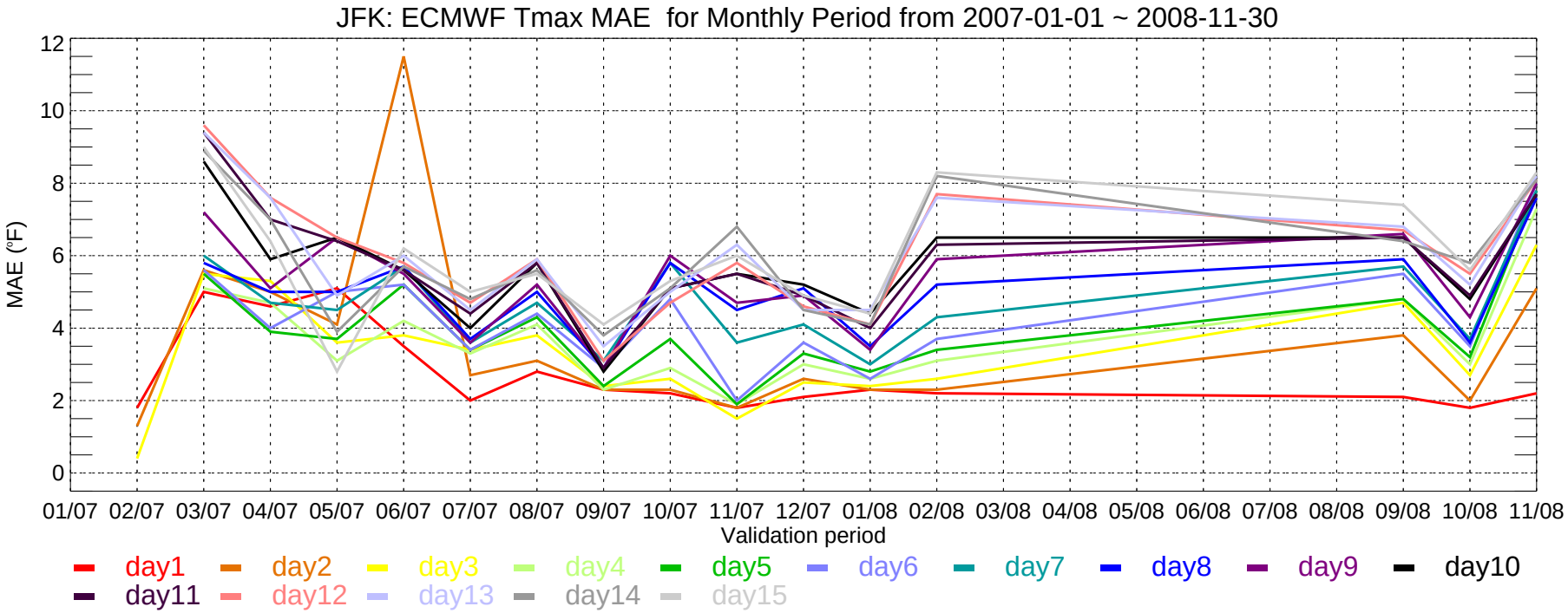
JFK: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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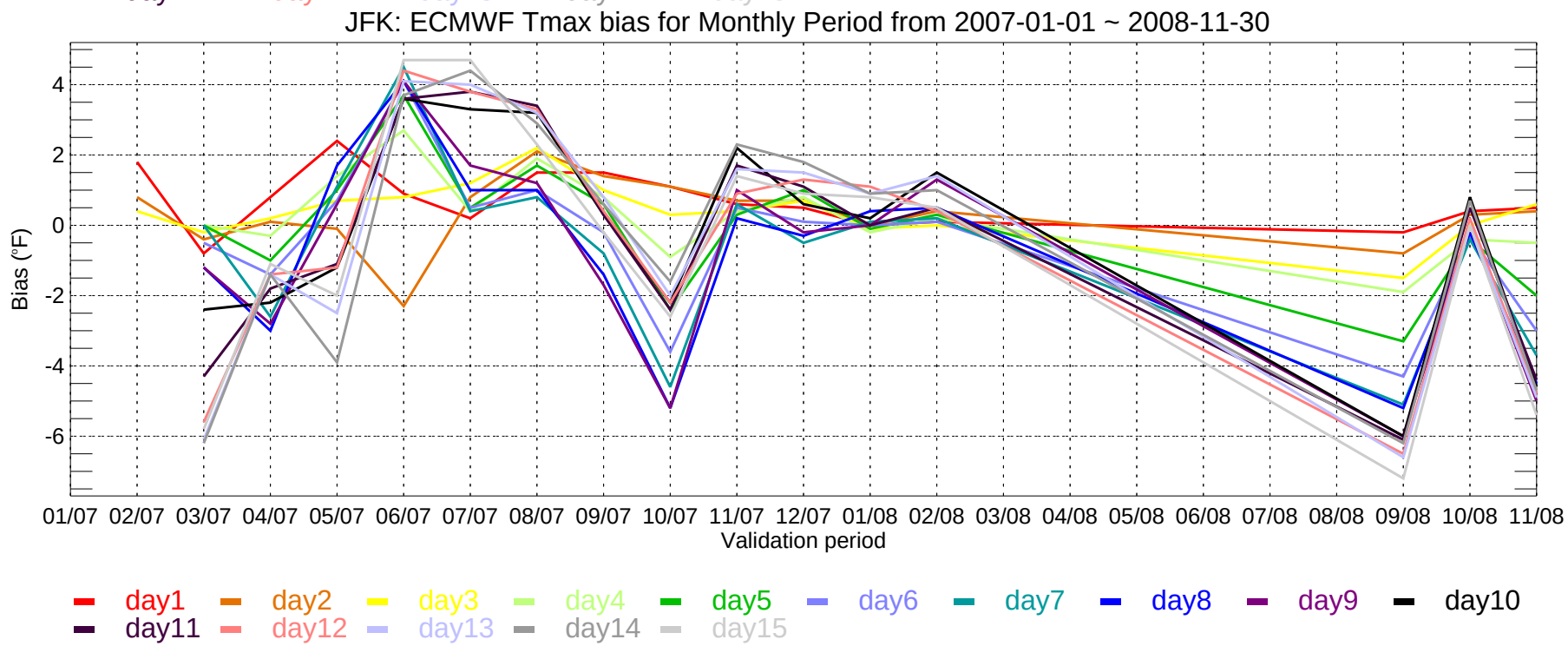
JFK: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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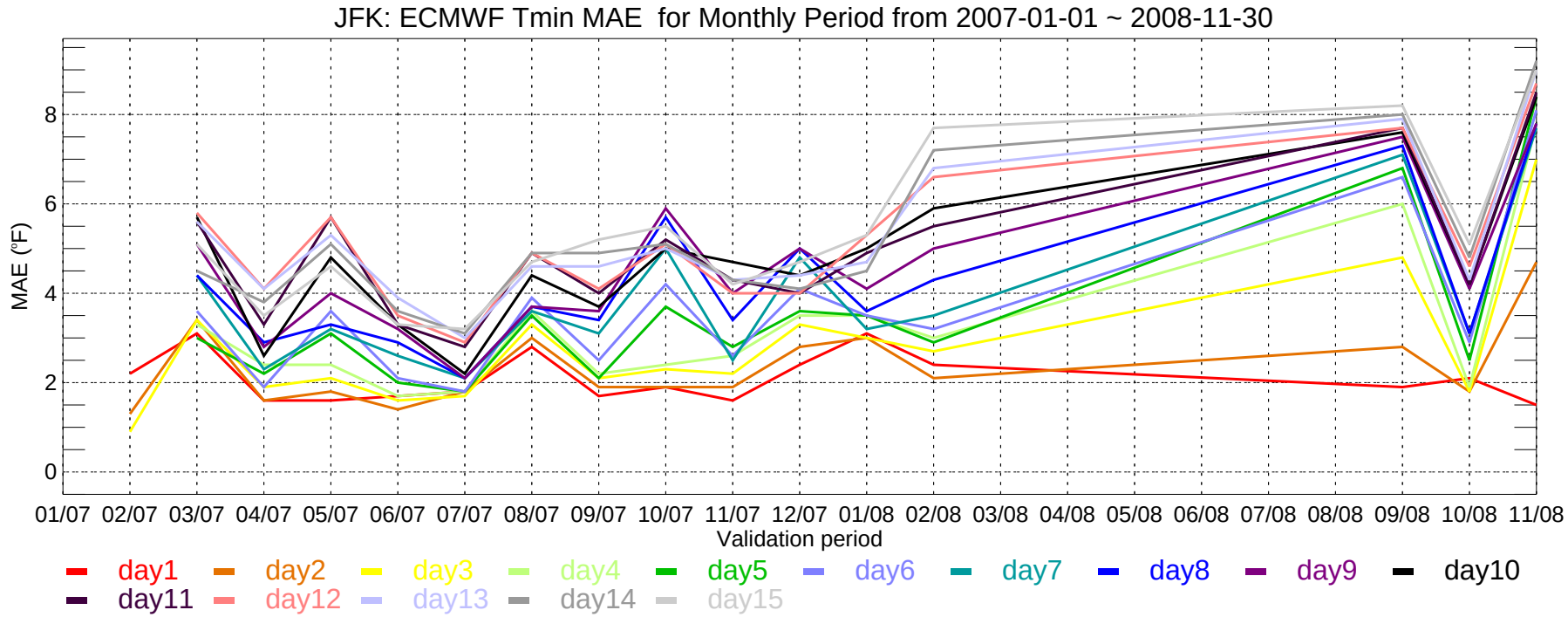
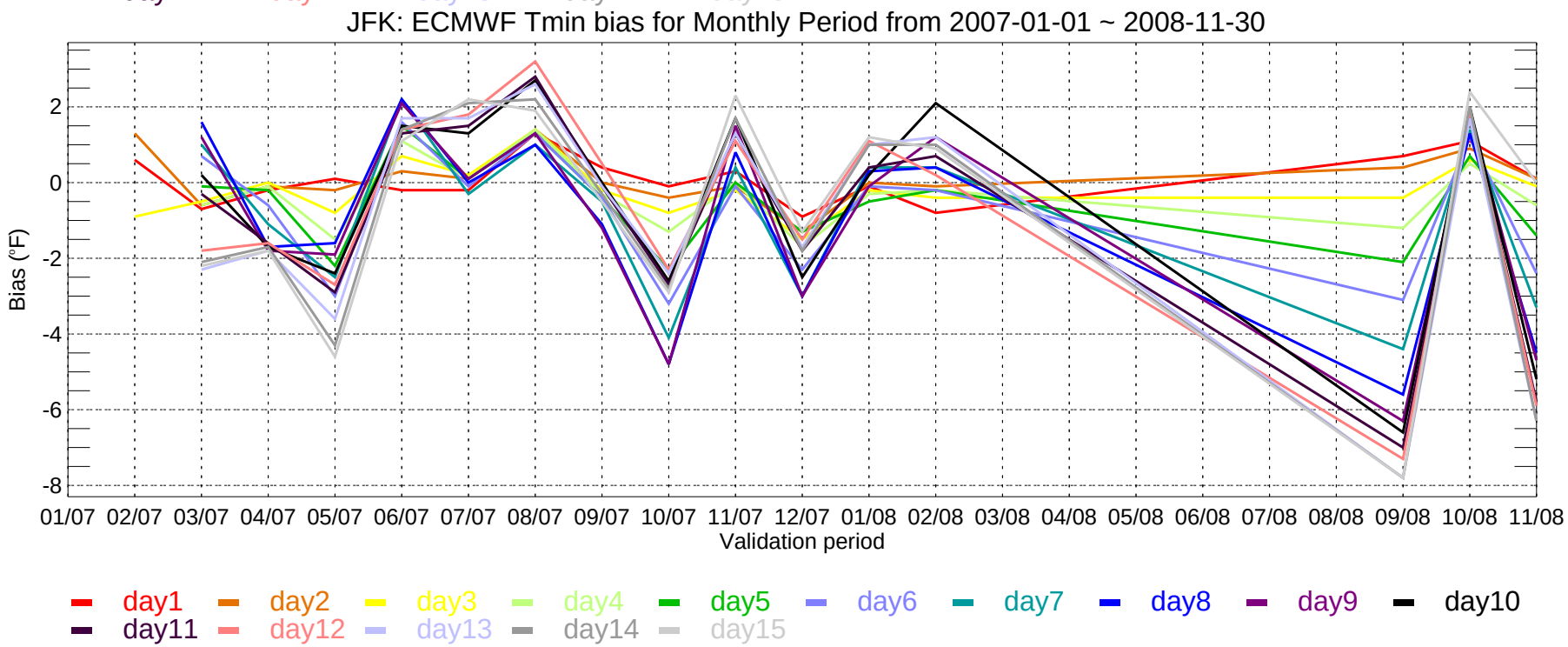

JFK: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


JFK: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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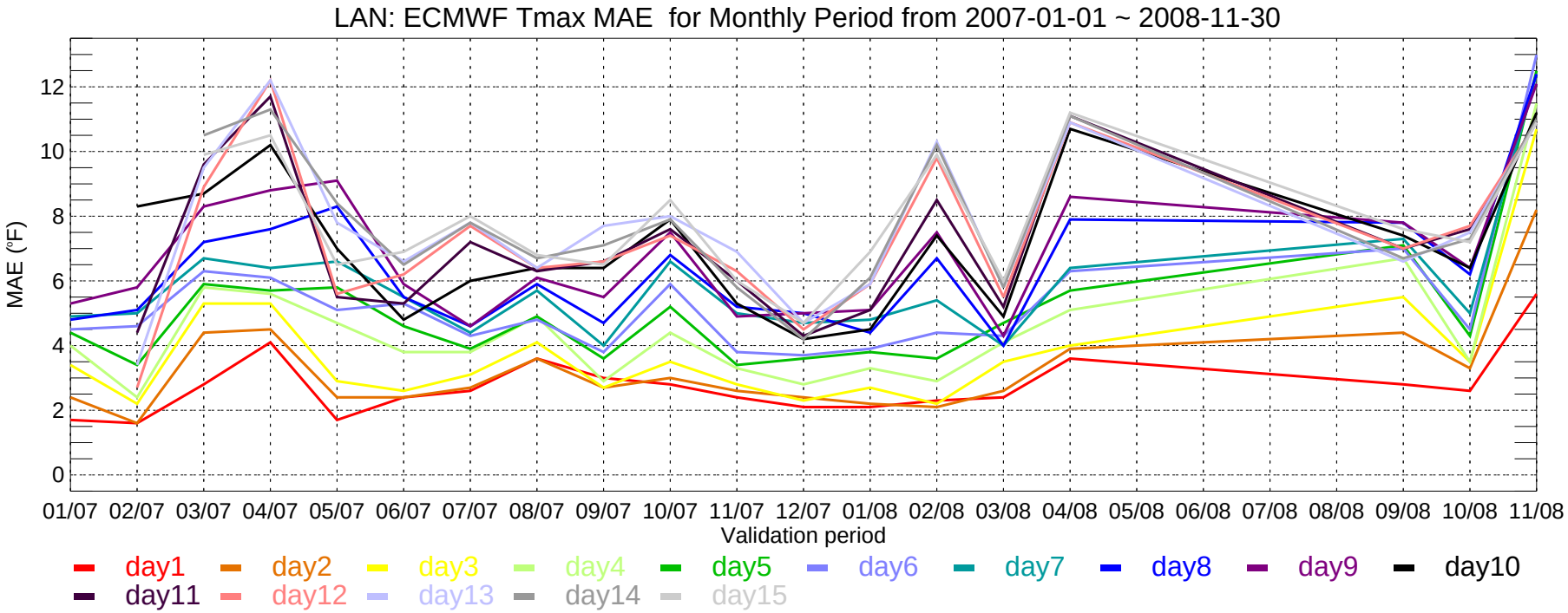
day11 day12 day13 day14 day15


LAN: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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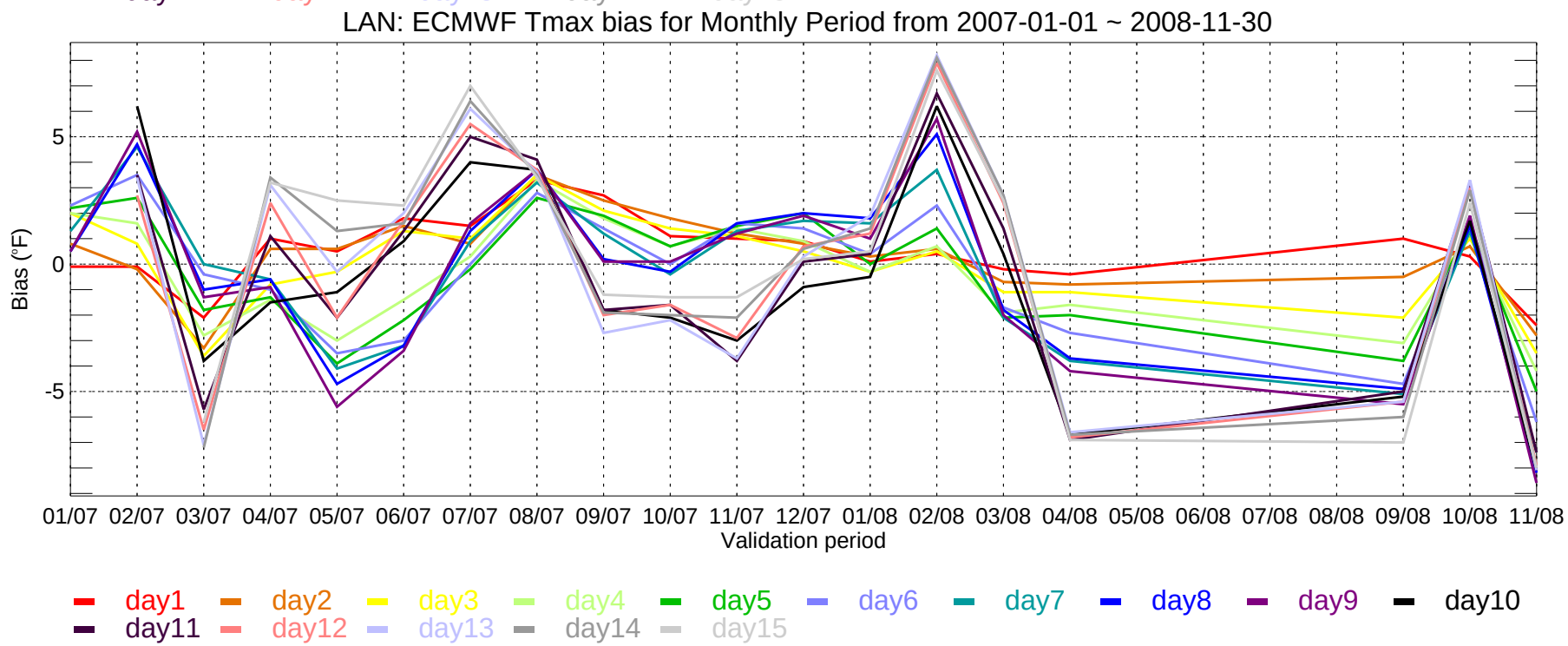
day11 day12 day13 day14 day15


LAN: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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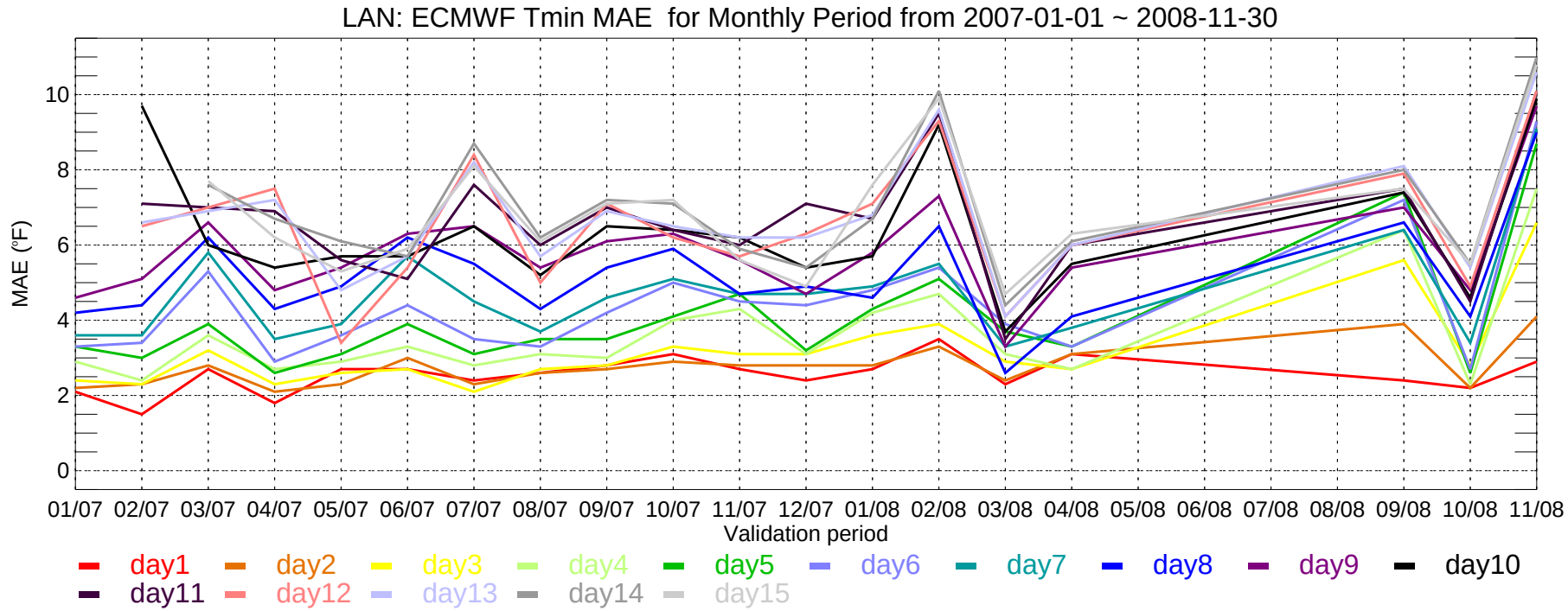
day11 day12 day13 day14 day15


LAN: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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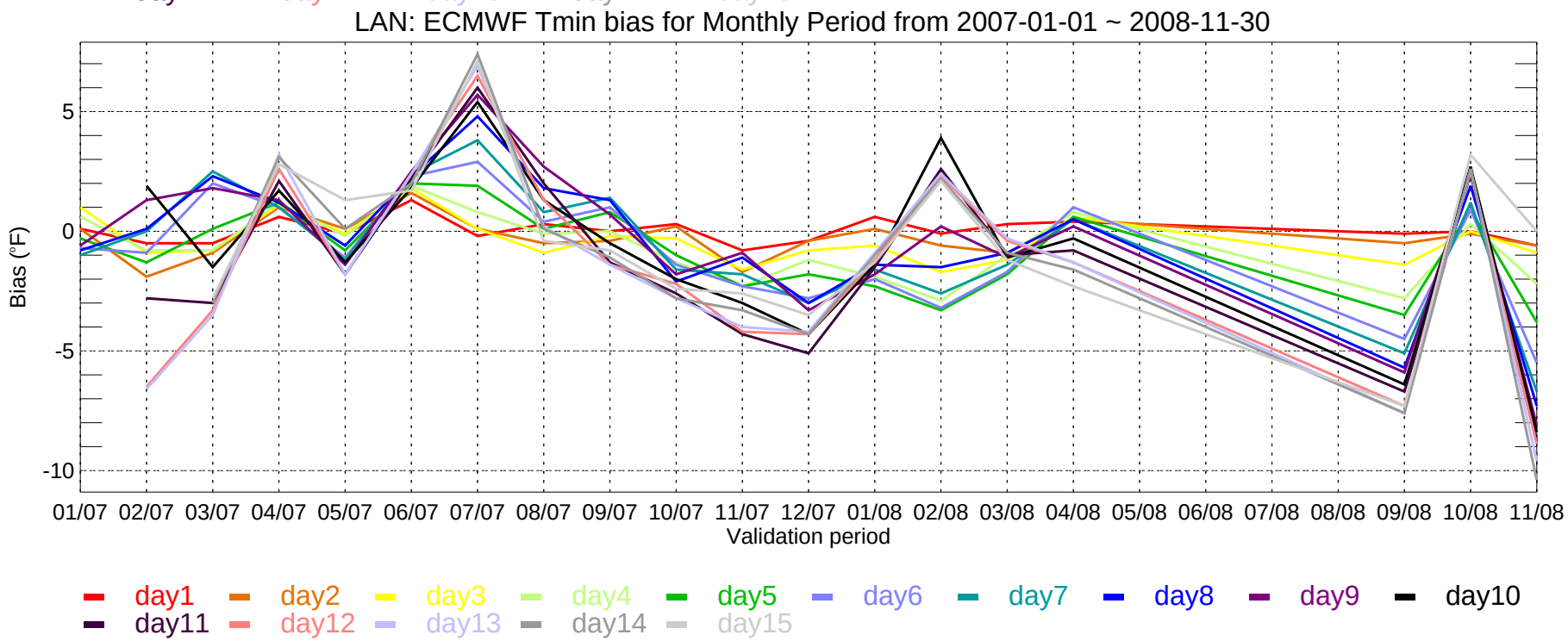
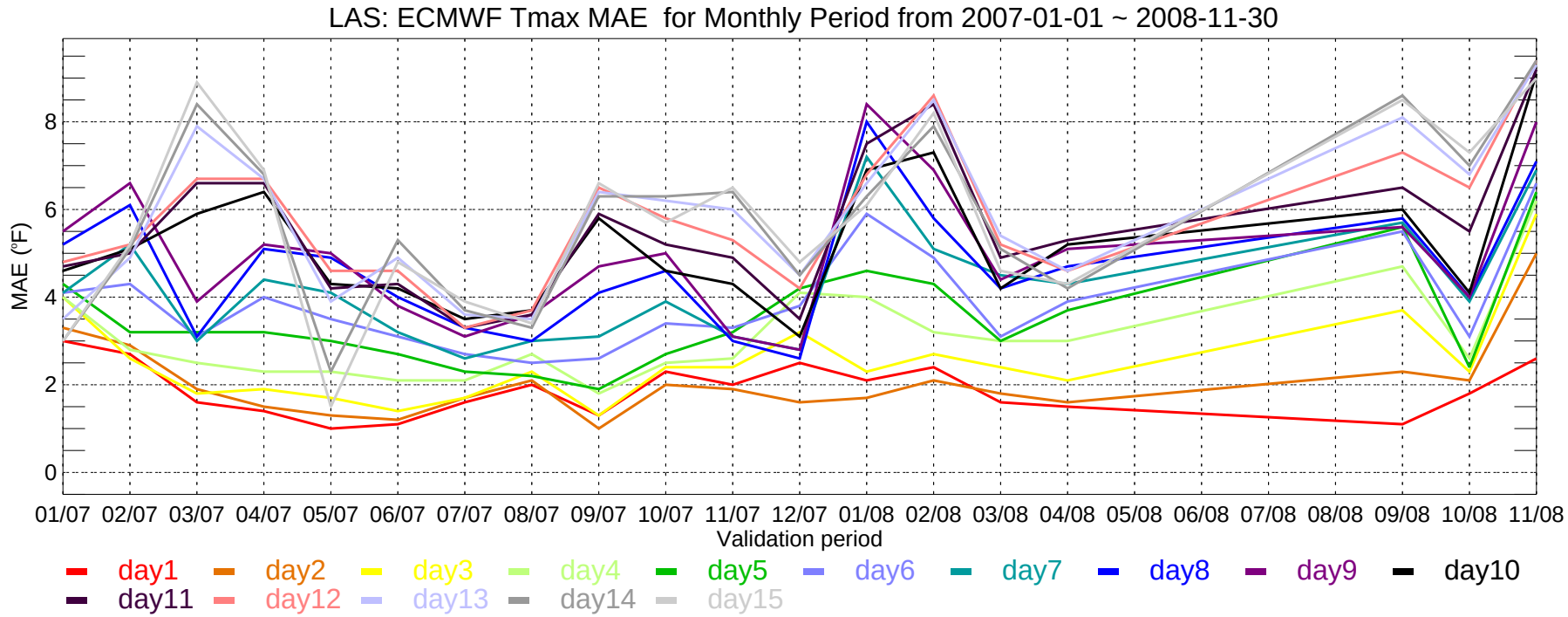
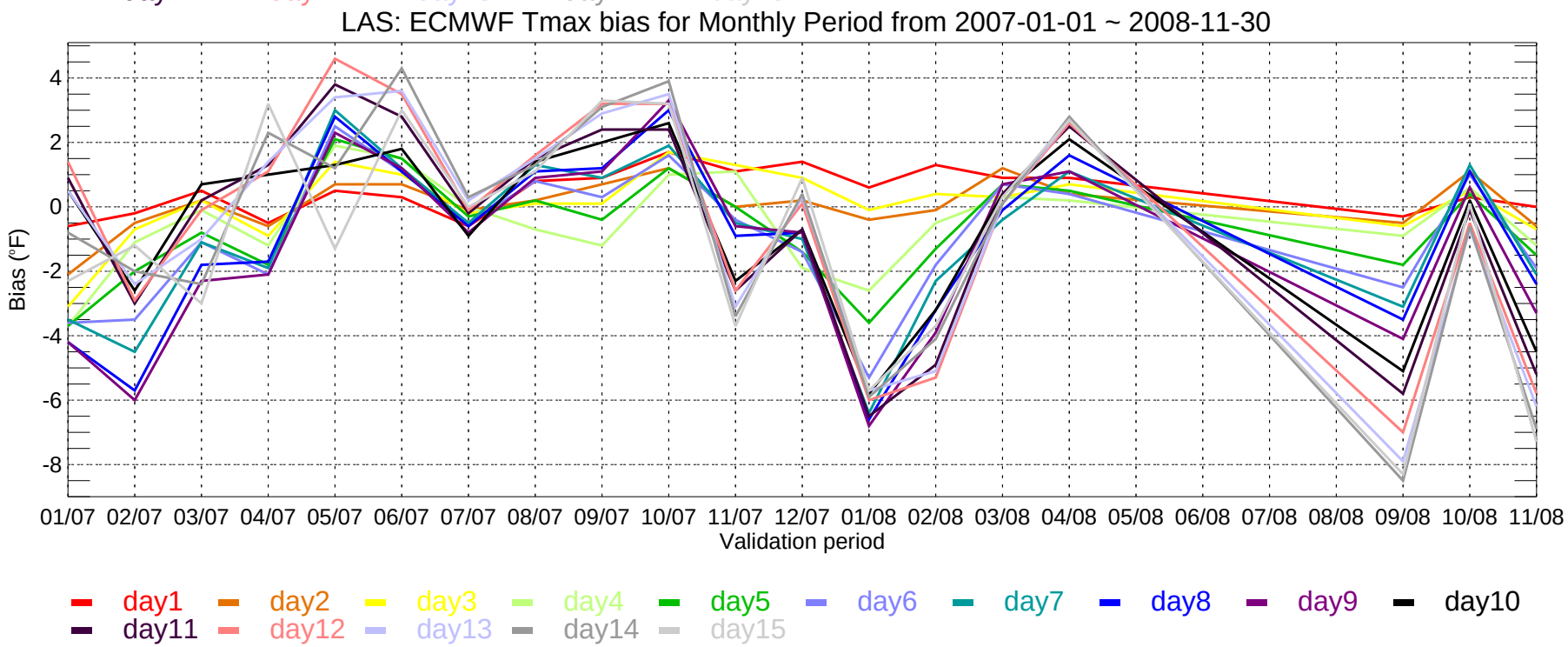

LAN: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


LAS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


LAS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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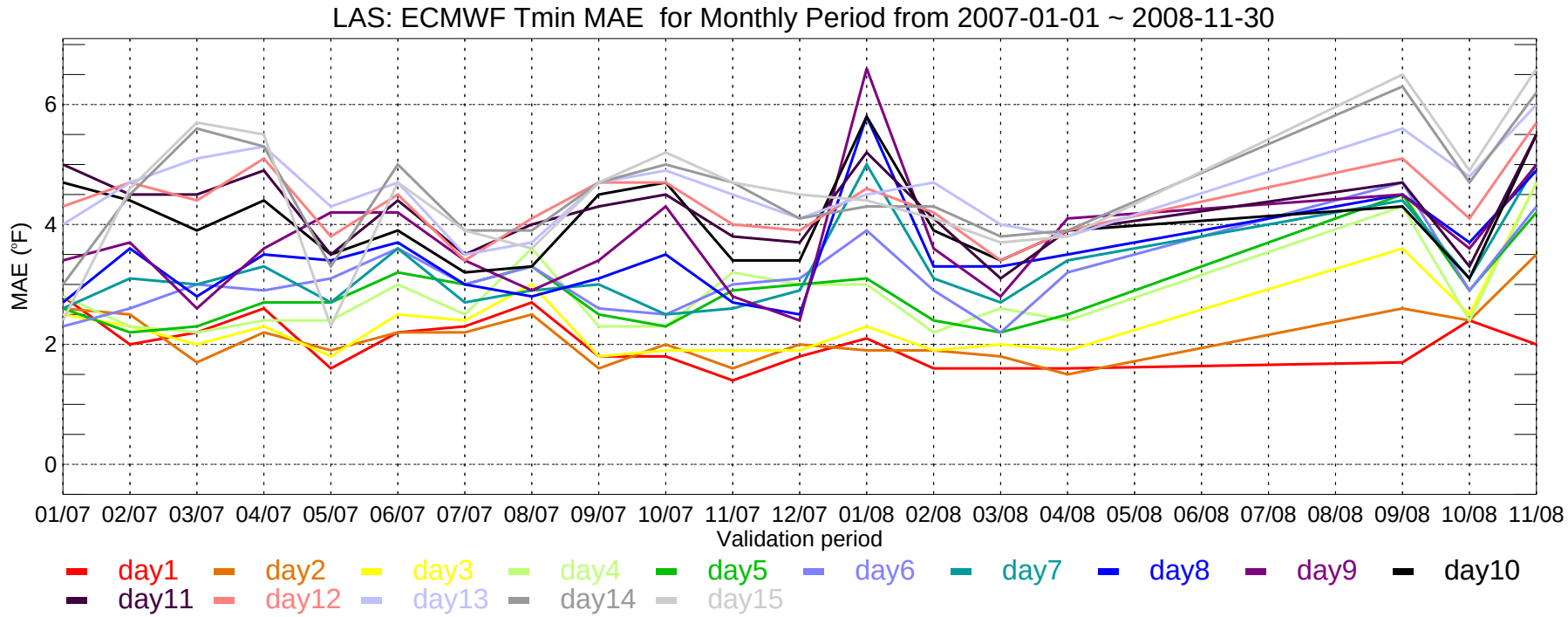
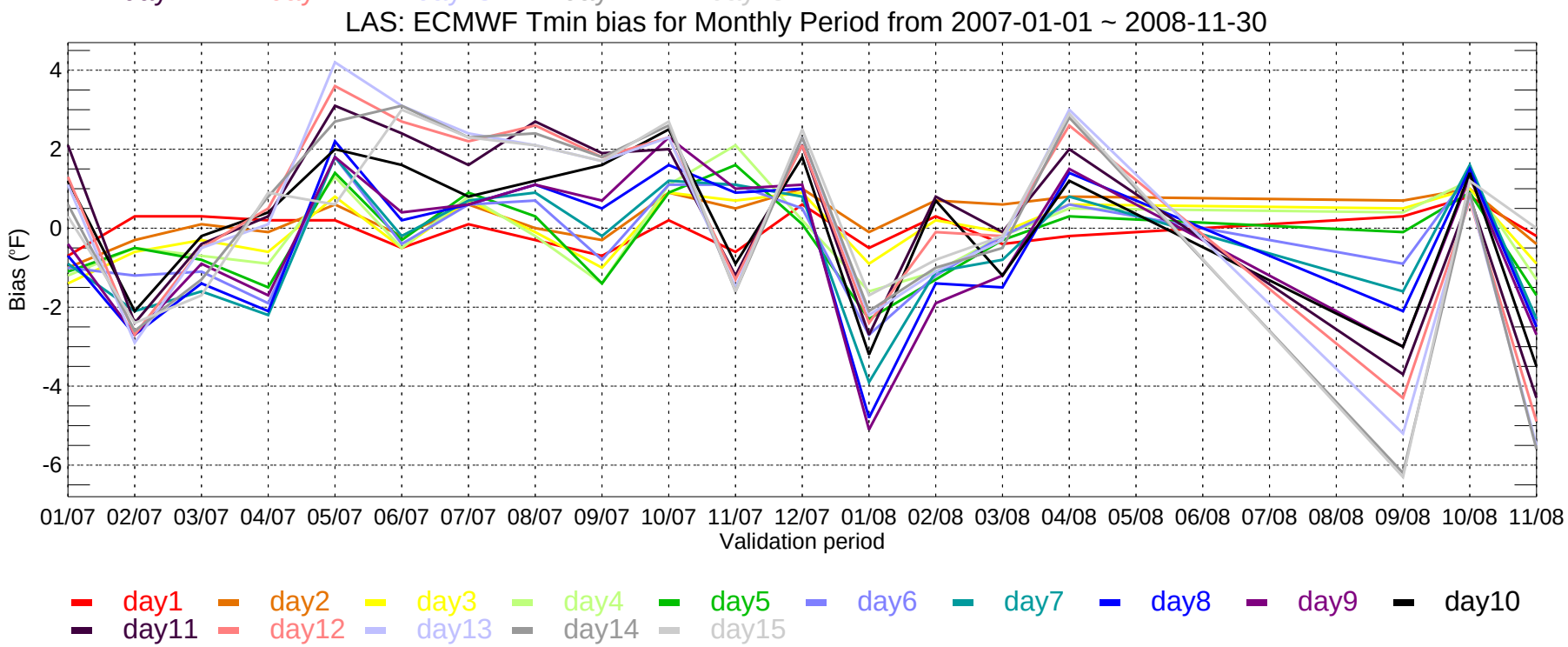
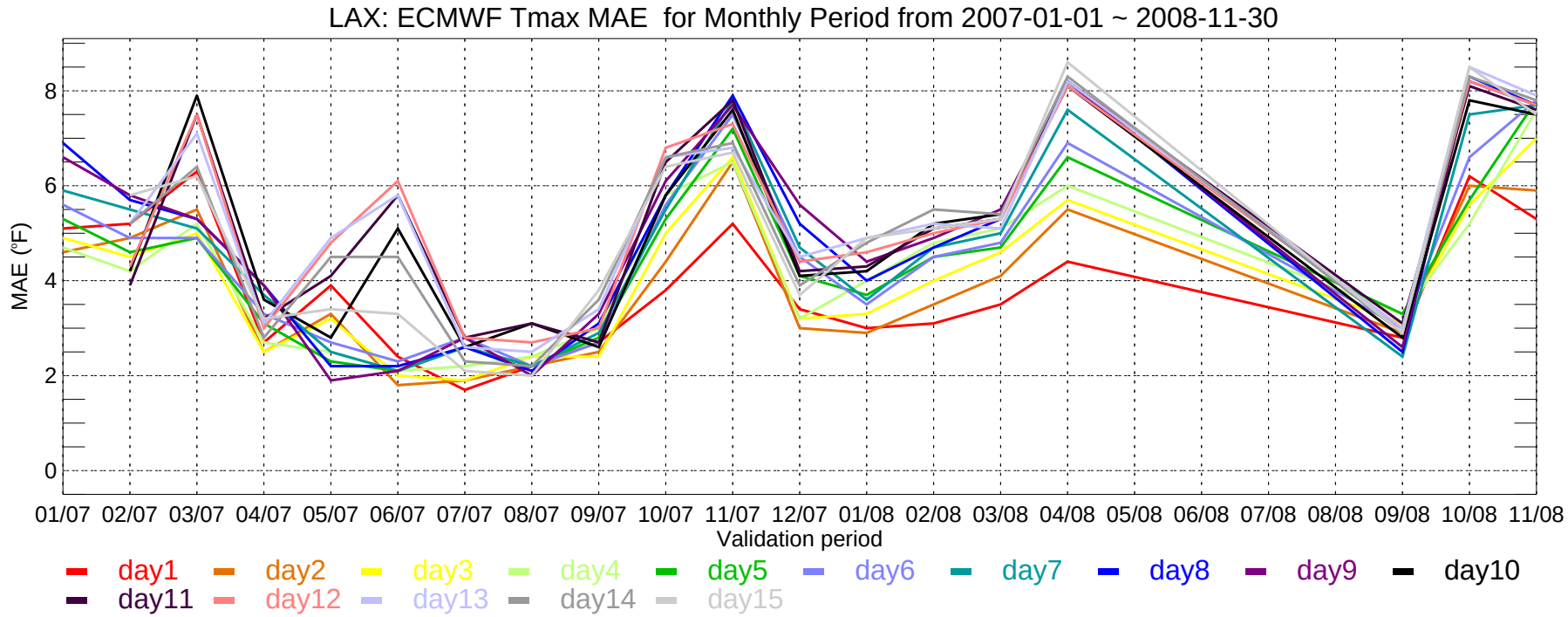
day11 day12 day13 day14 day15


LAS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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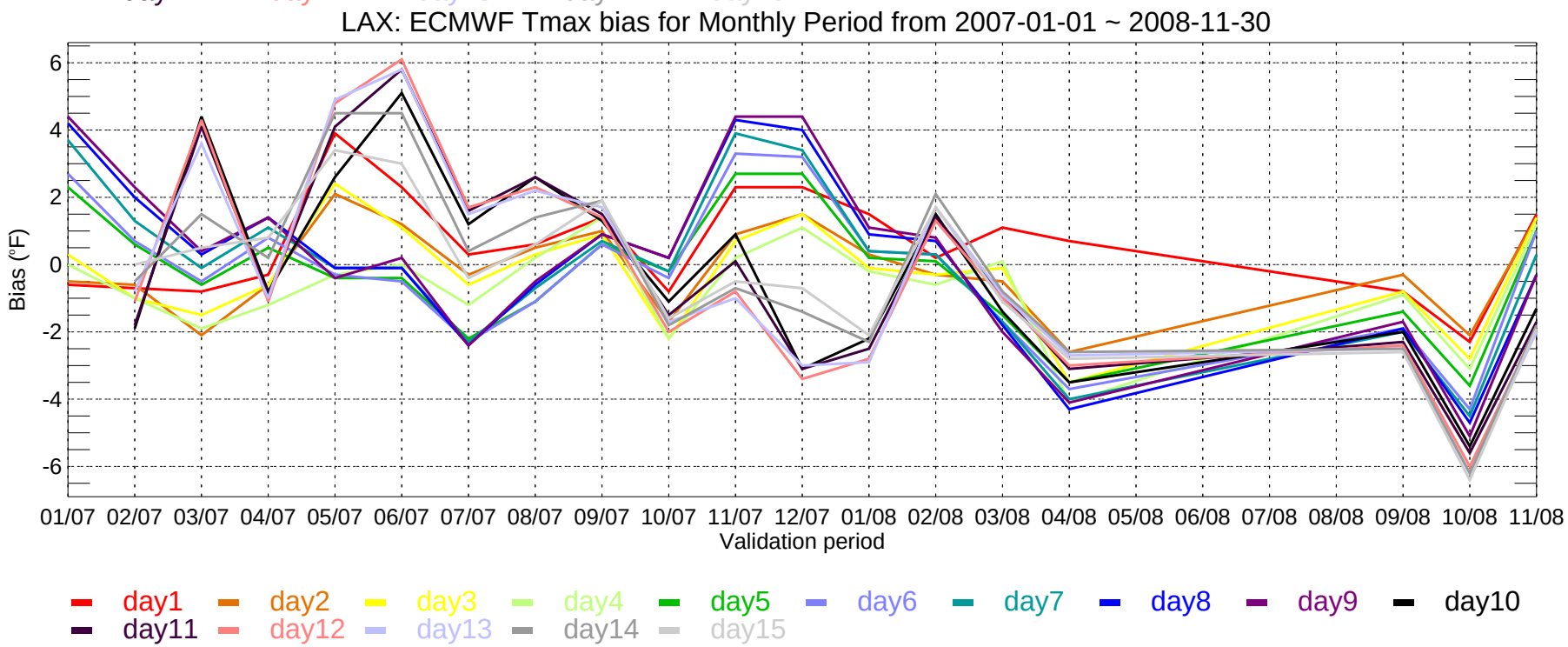
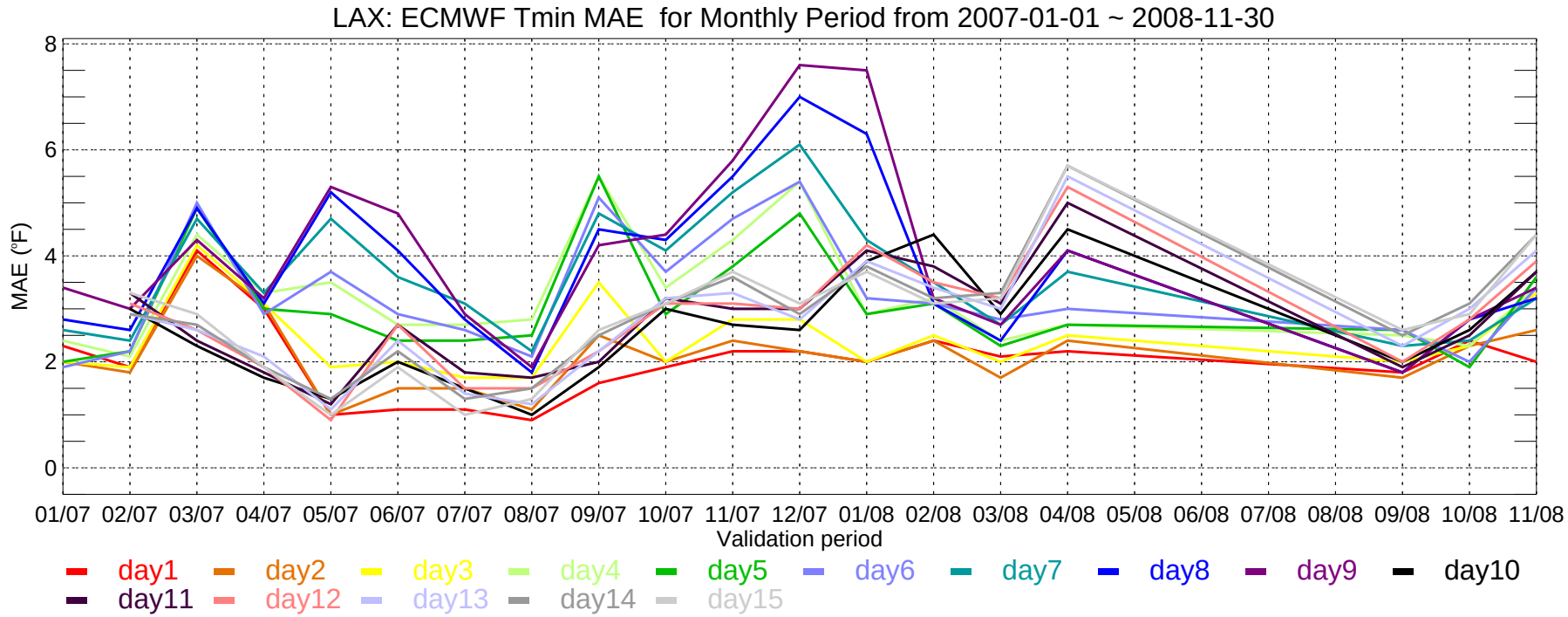
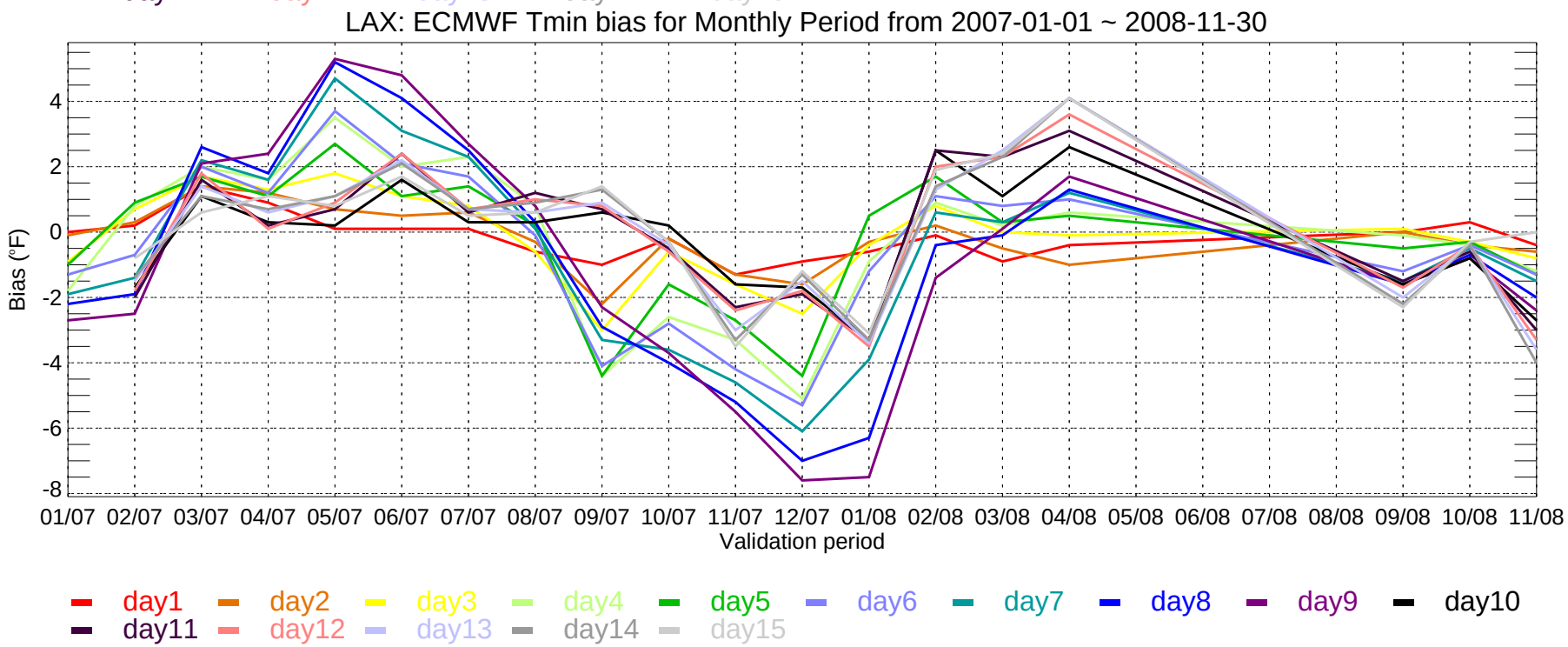
day11 day12 day13 day14 day15


LAX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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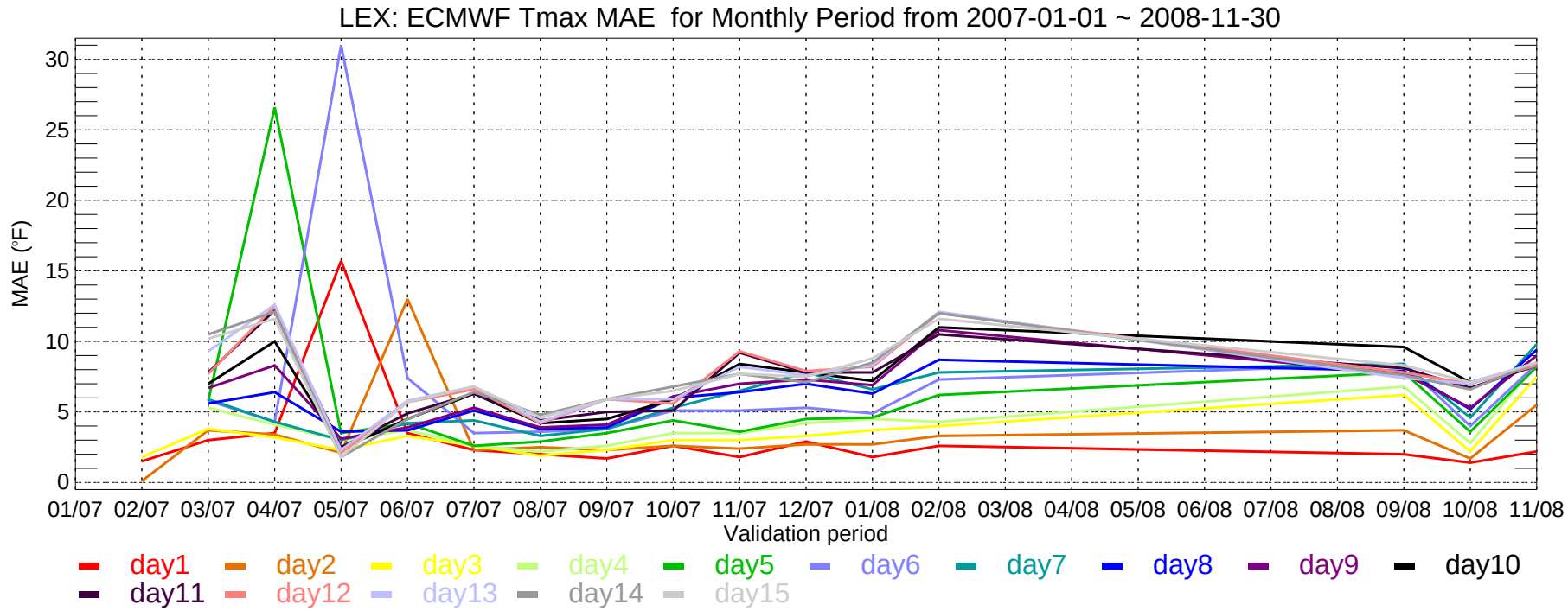
day11 day12 day13 day14 day15


LEX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
30
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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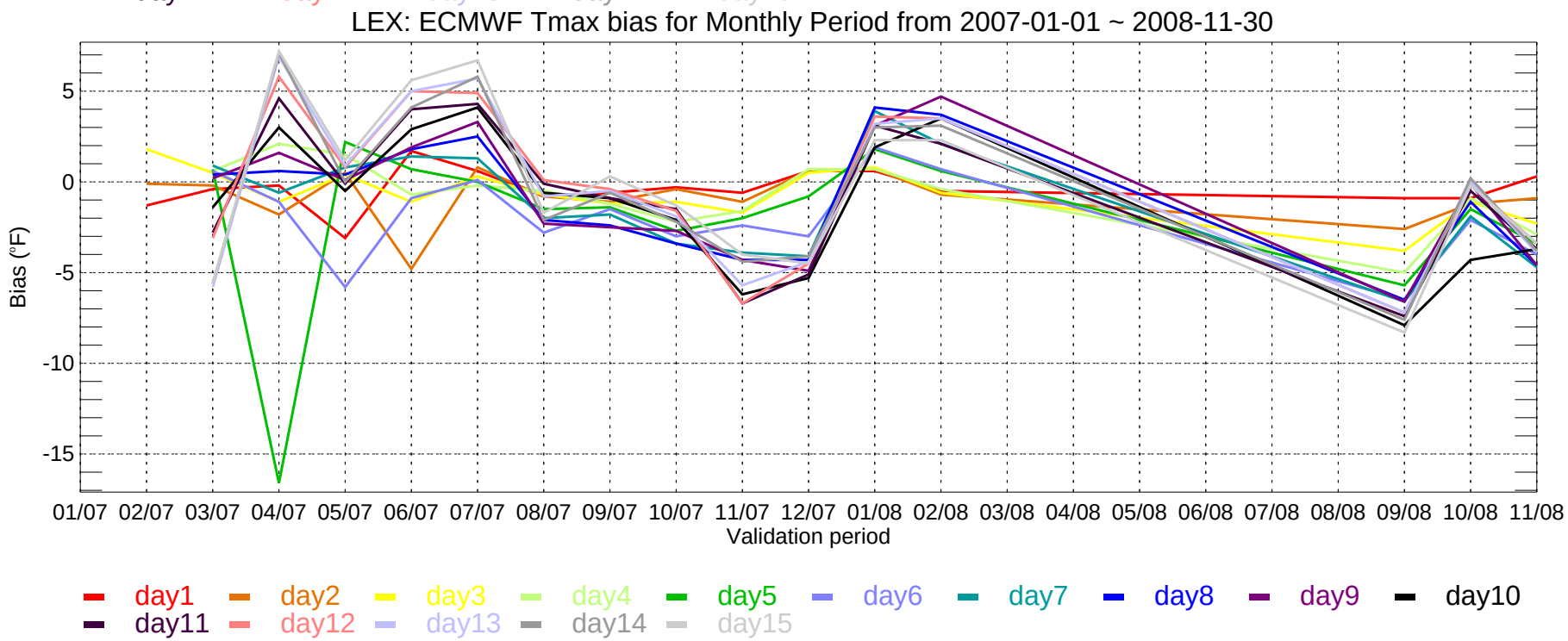
day11 day12 day13 day14 day15


LEX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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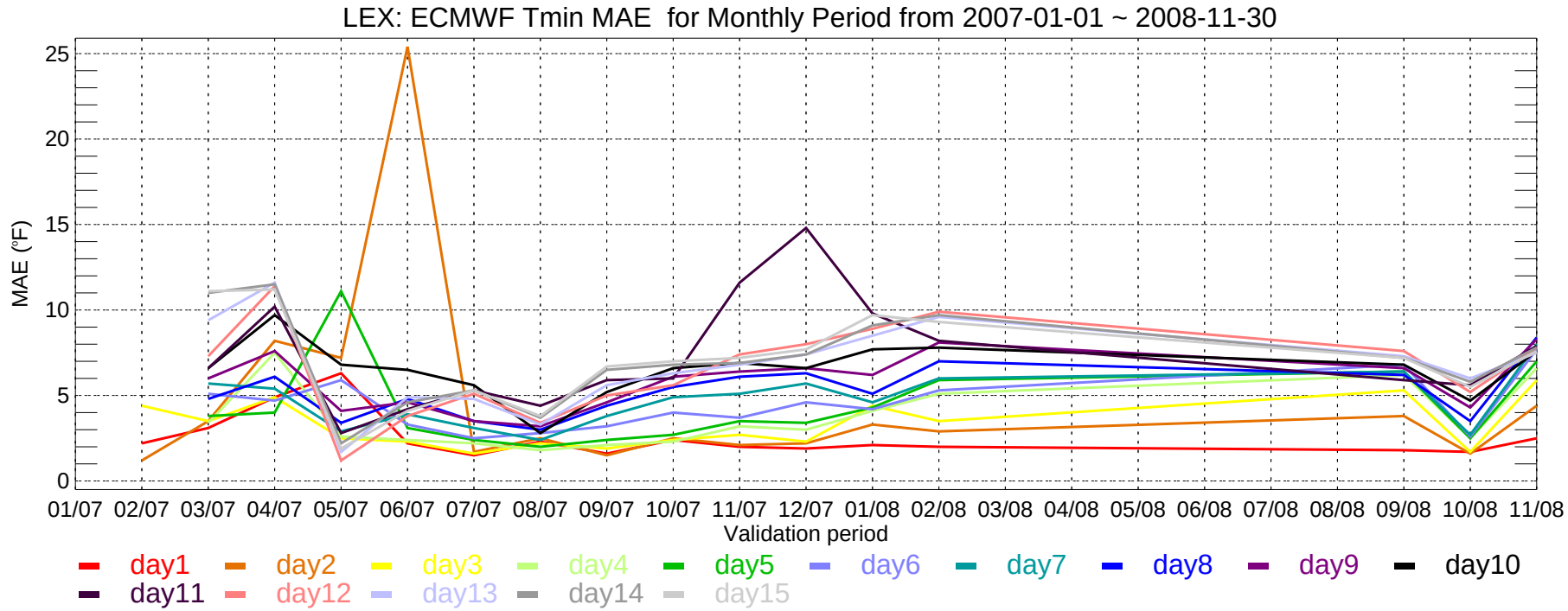
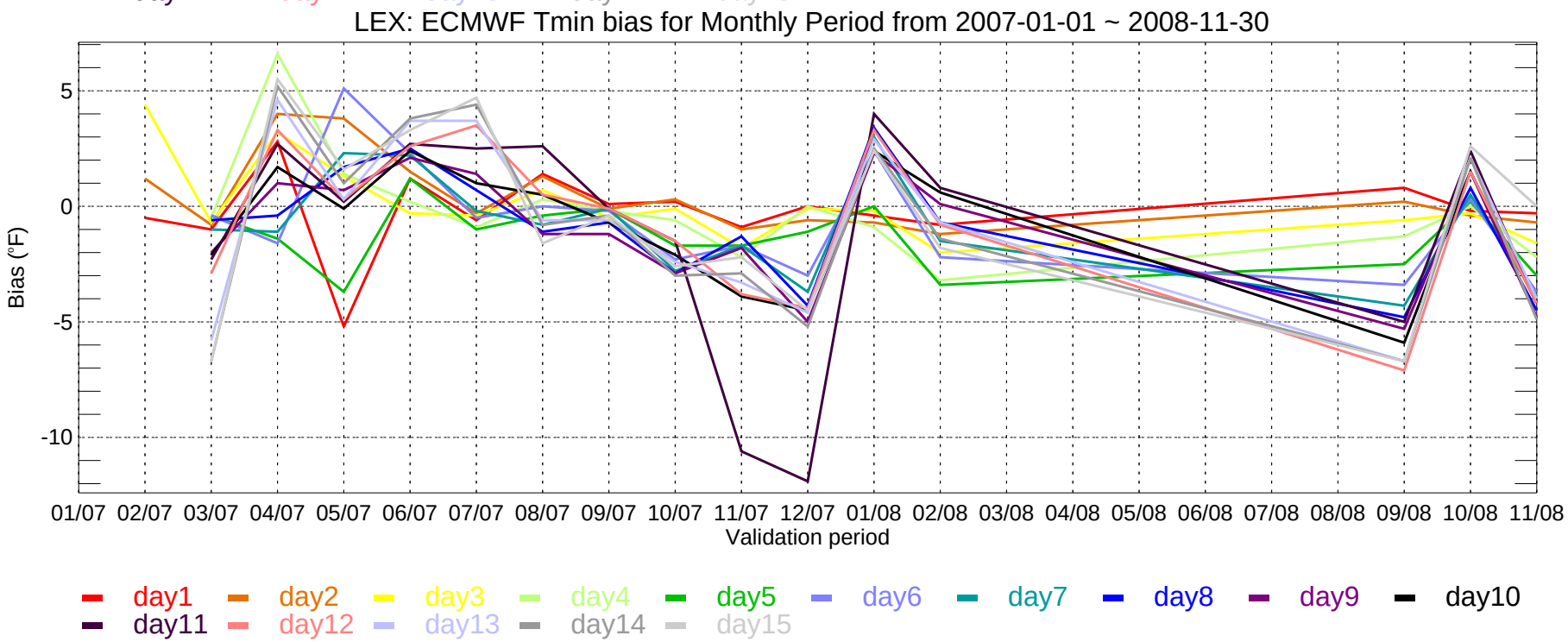
day11 day12 day13 day14 day15


LEX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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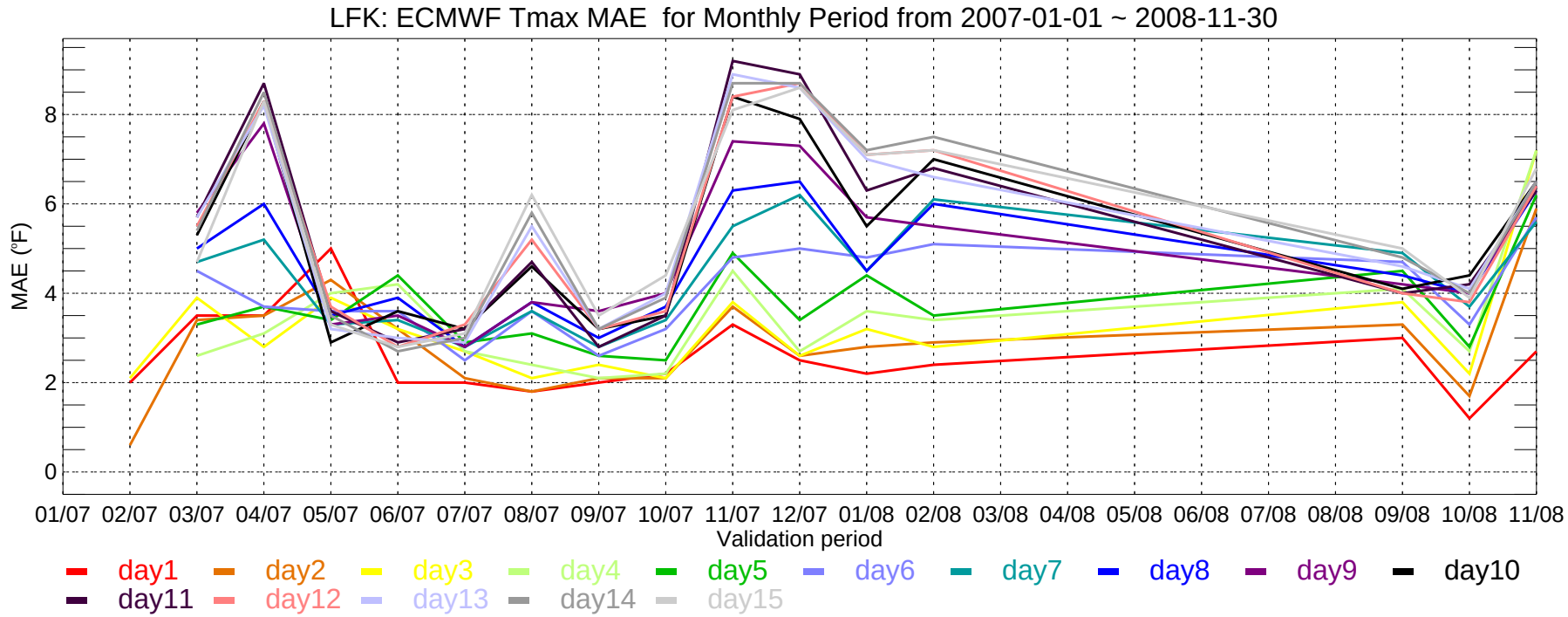
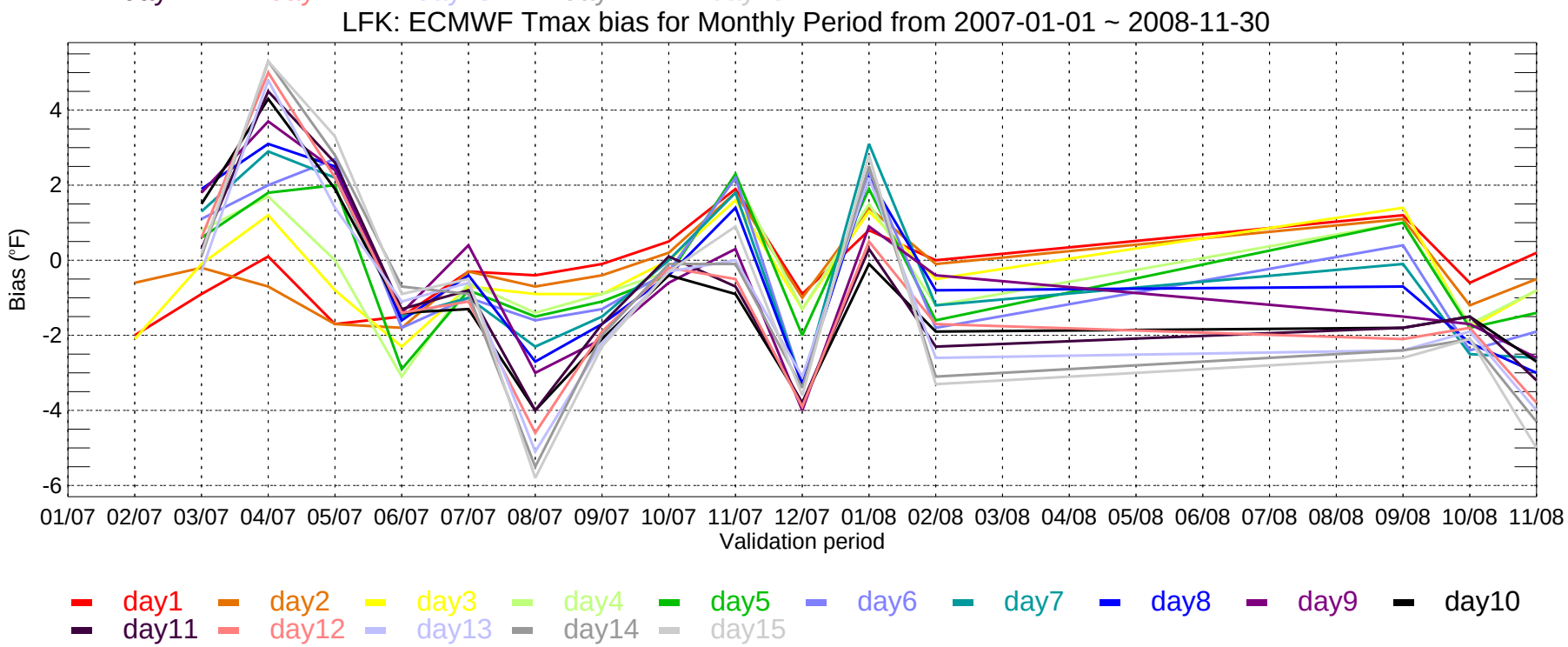
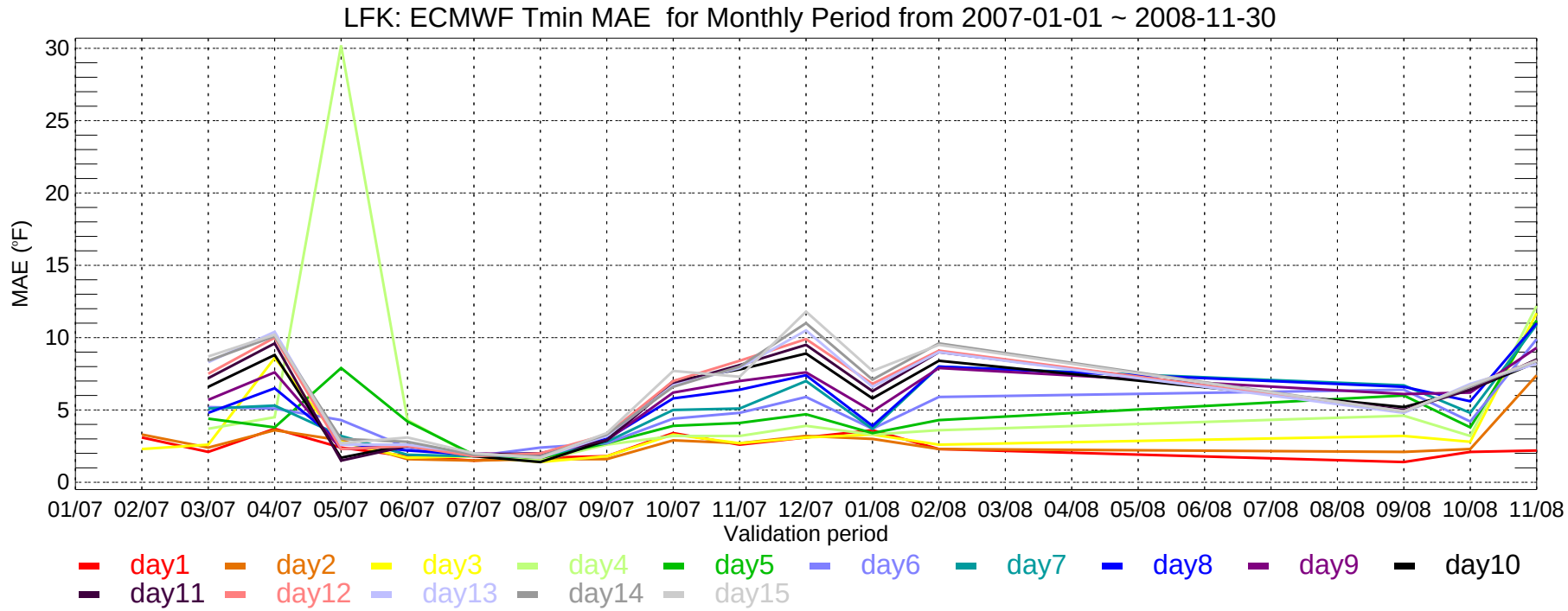
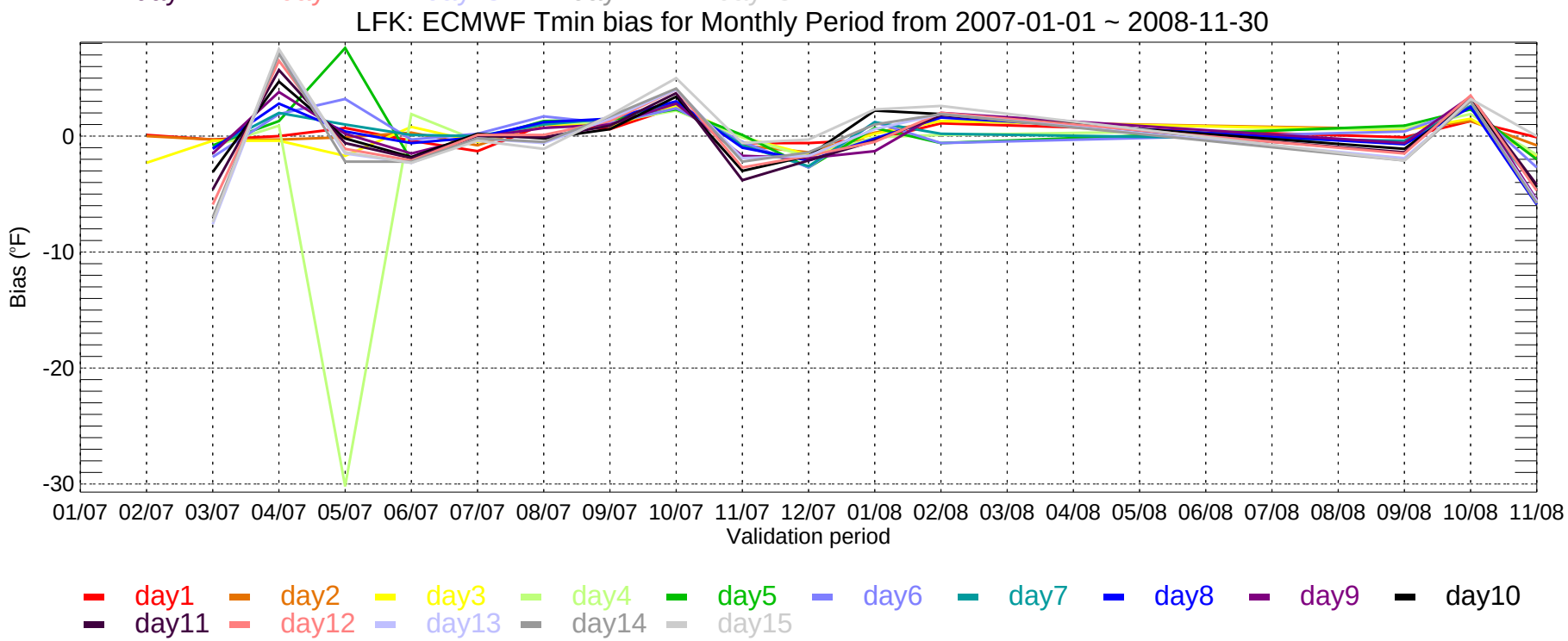
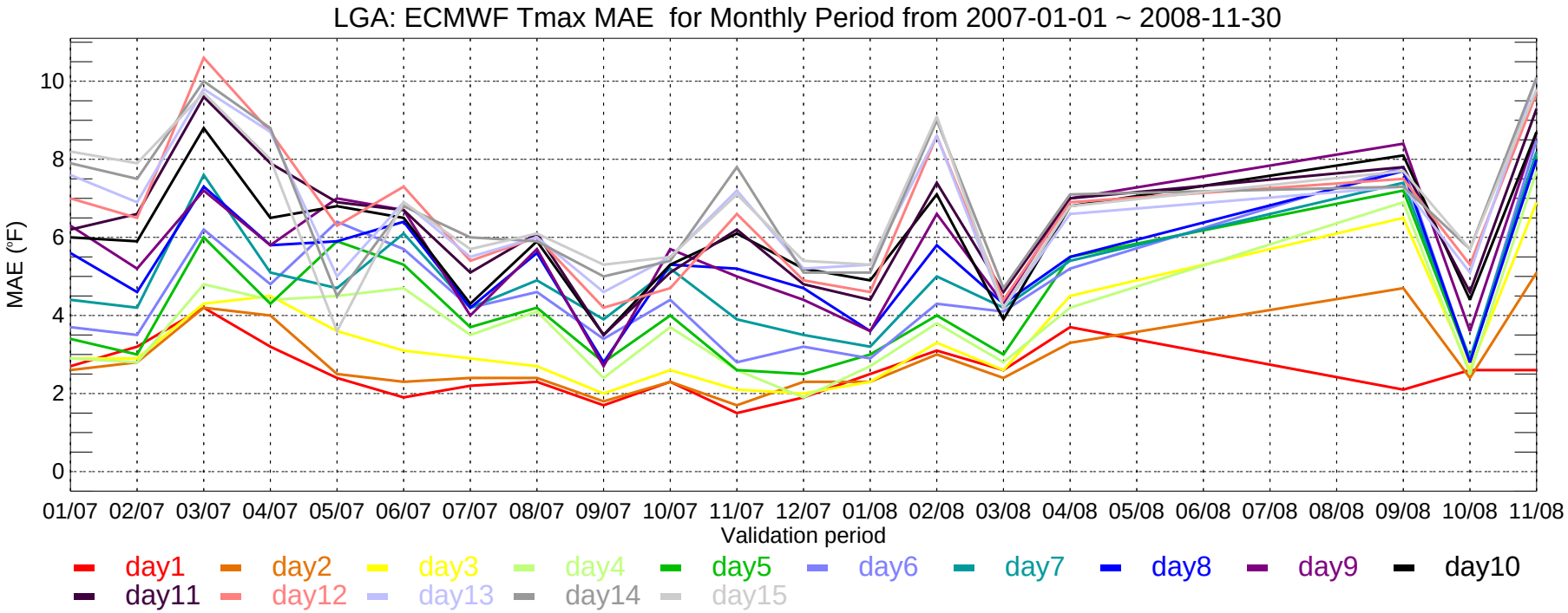
day11 day12 day13 day14 day15

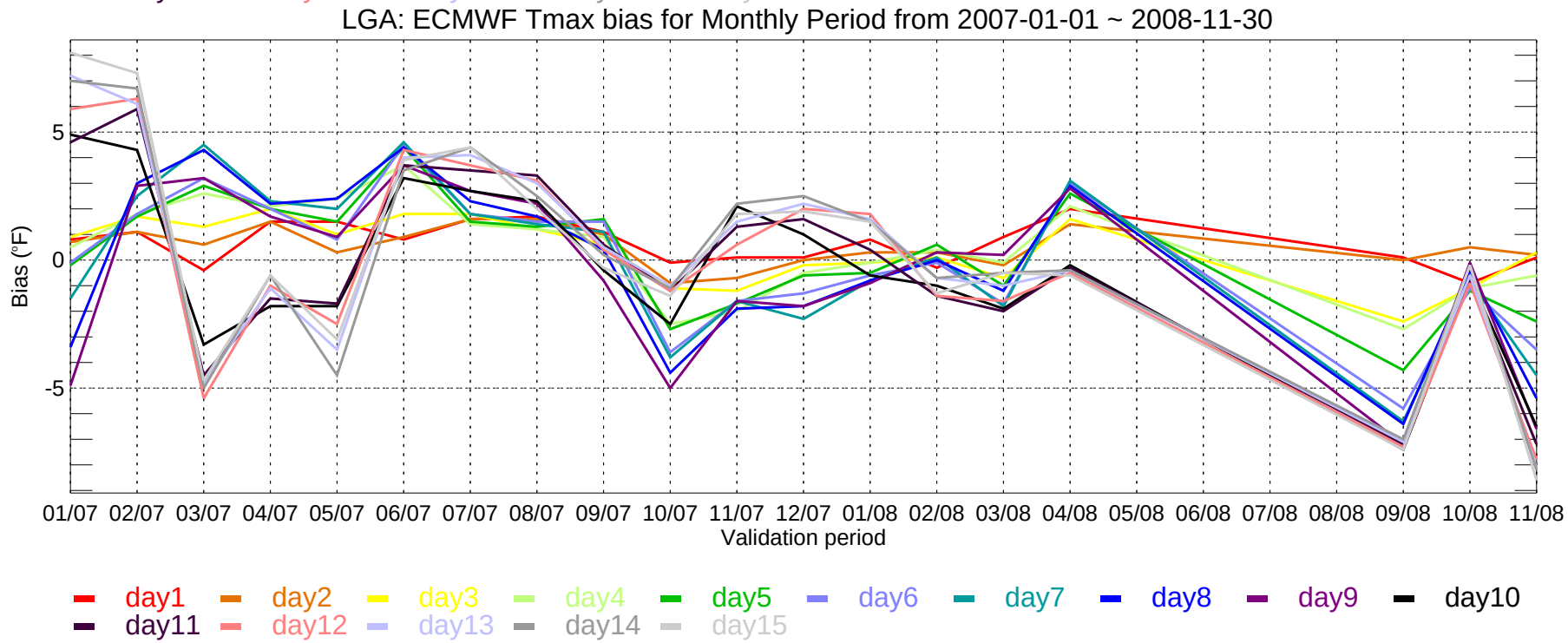

LFK: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

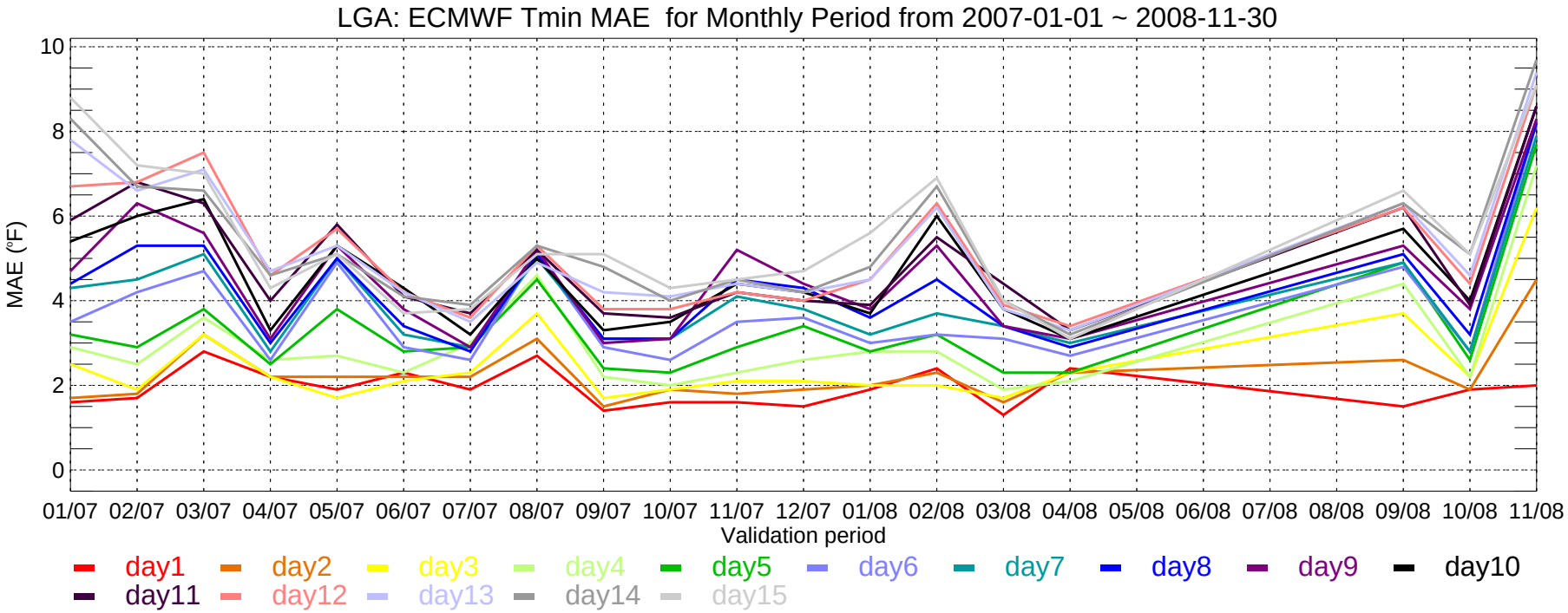

LFK: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

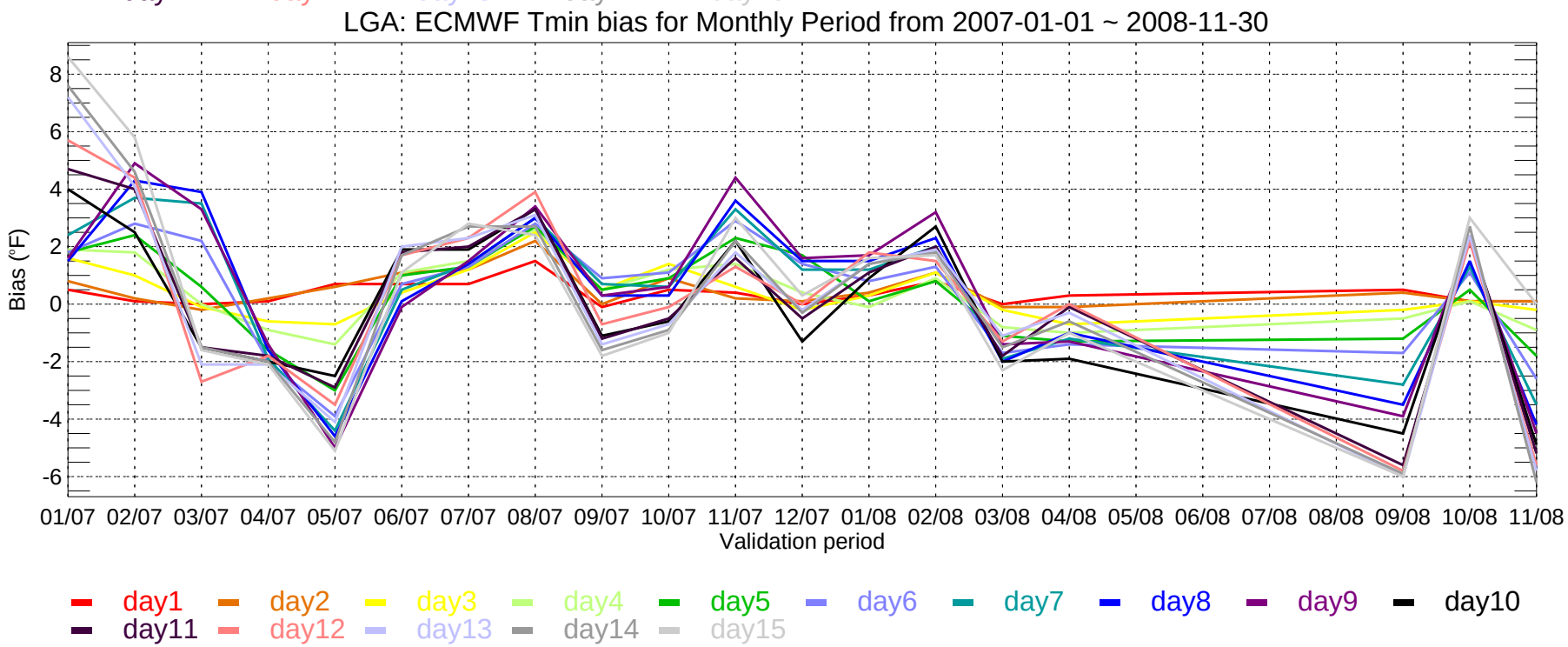

LFK: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
30
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

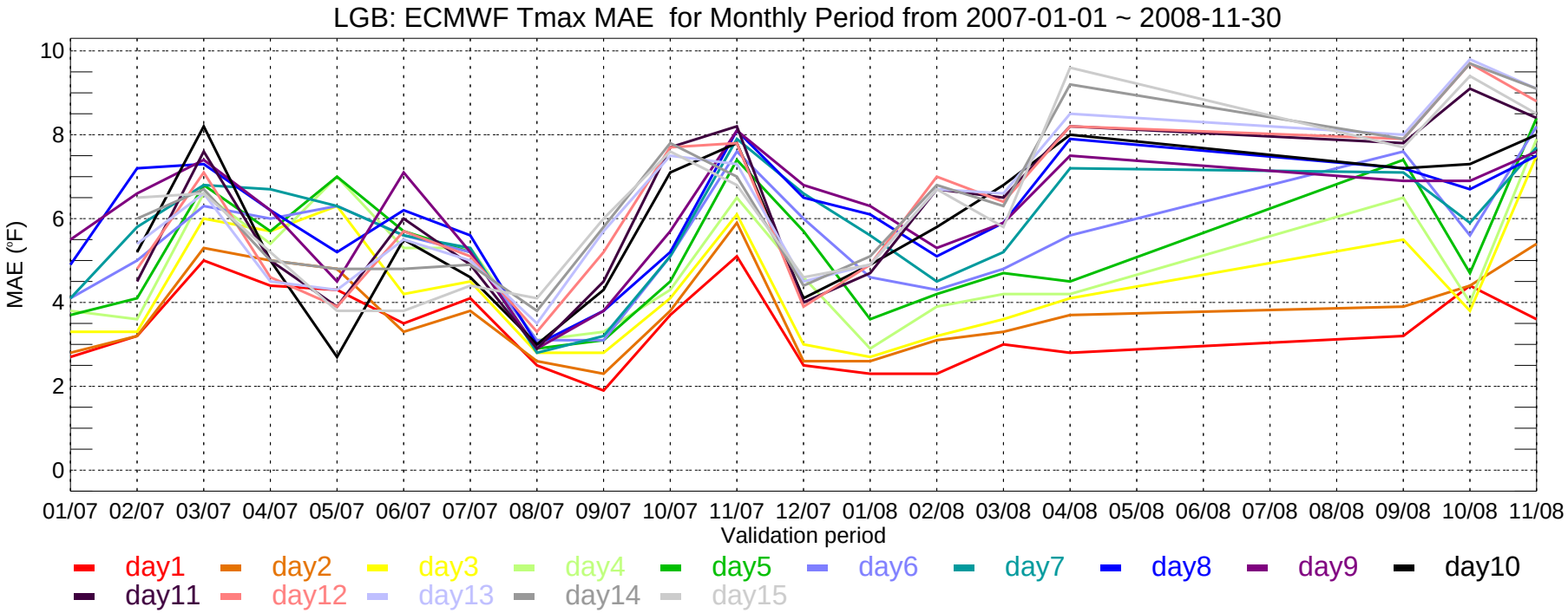

LFK: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
0
-10
-20
-30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

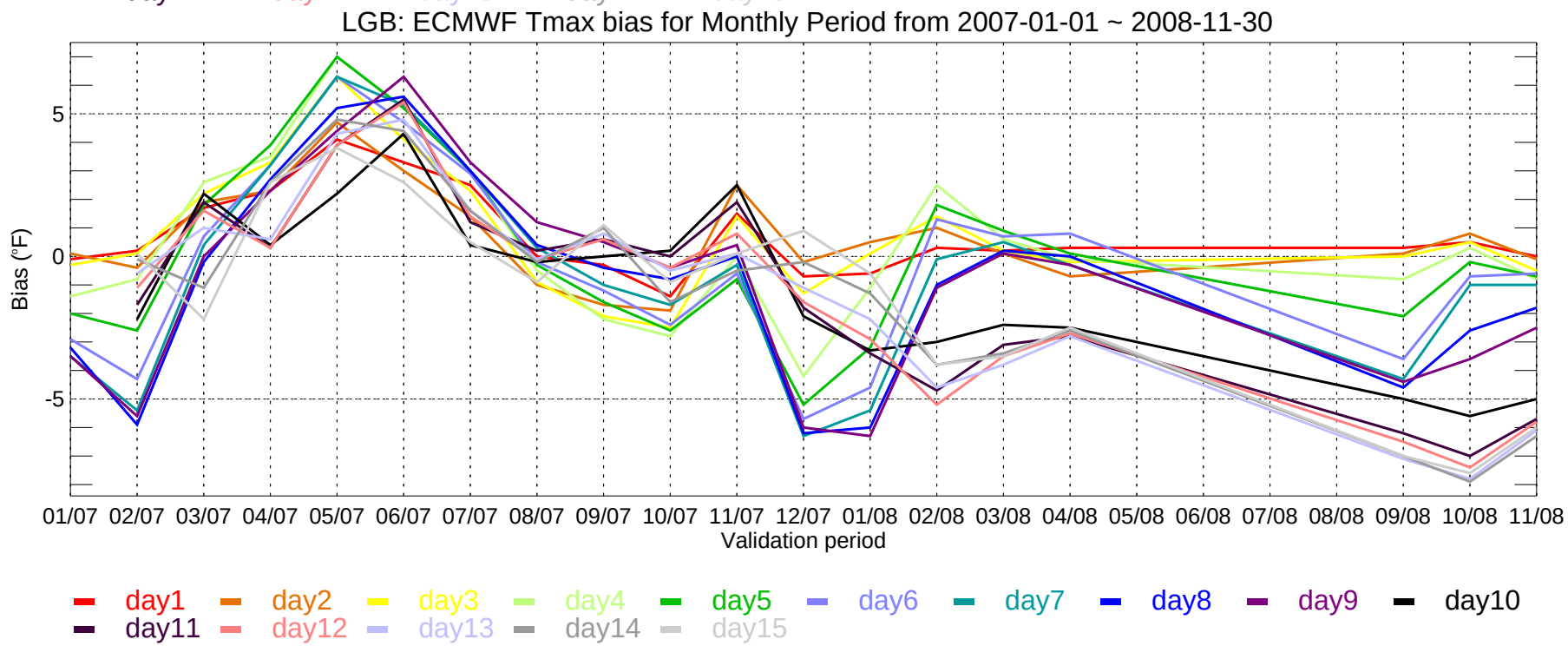

LGA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

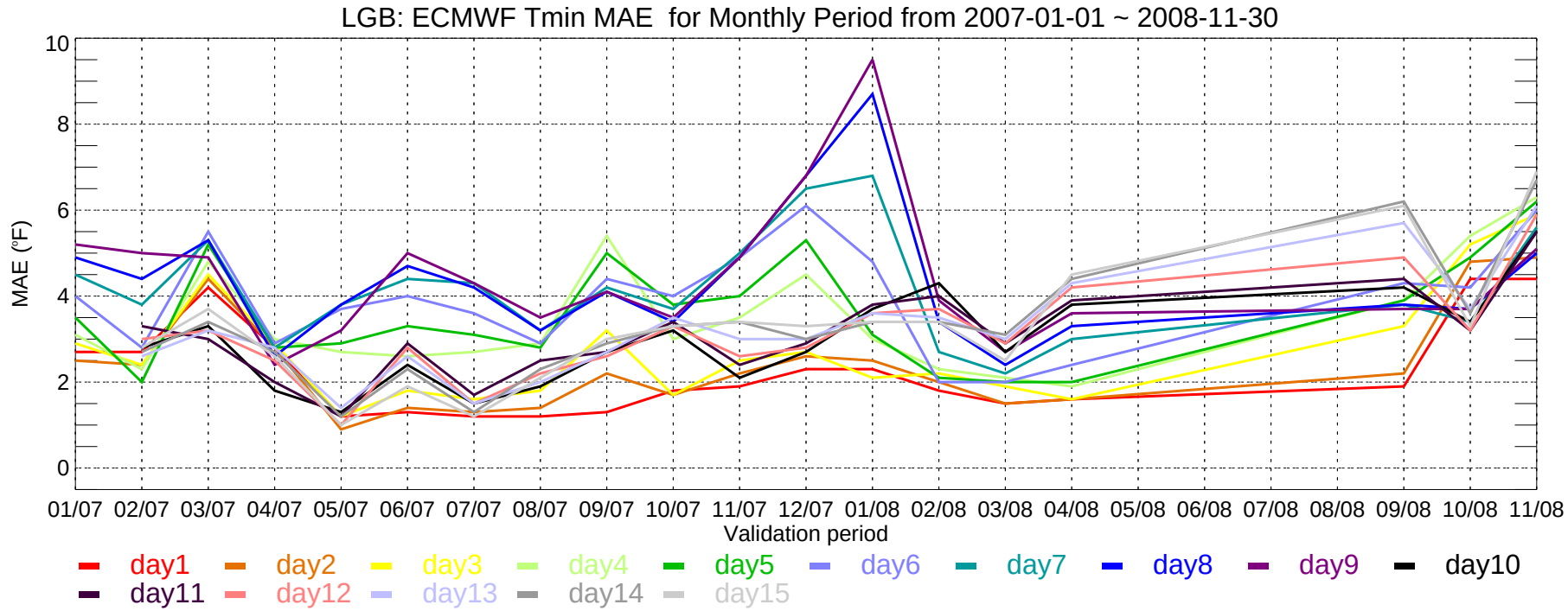

LGA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

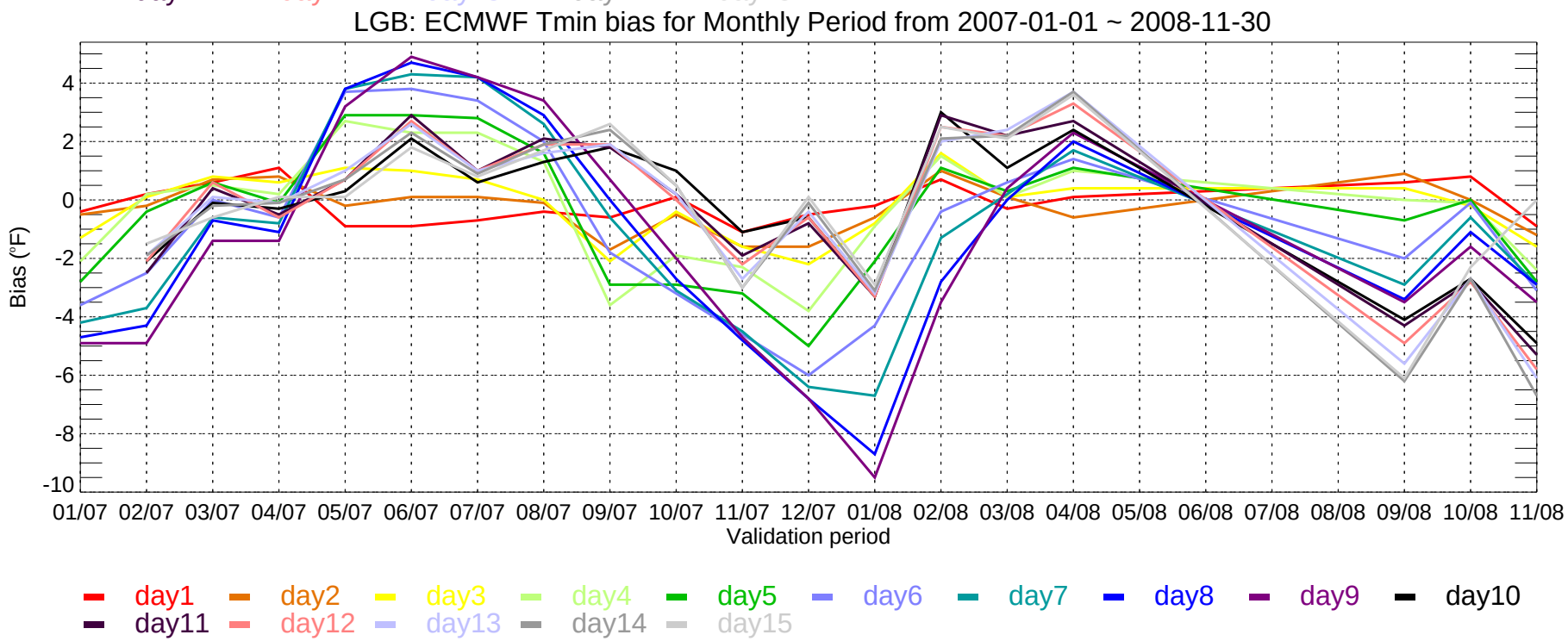

LGA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

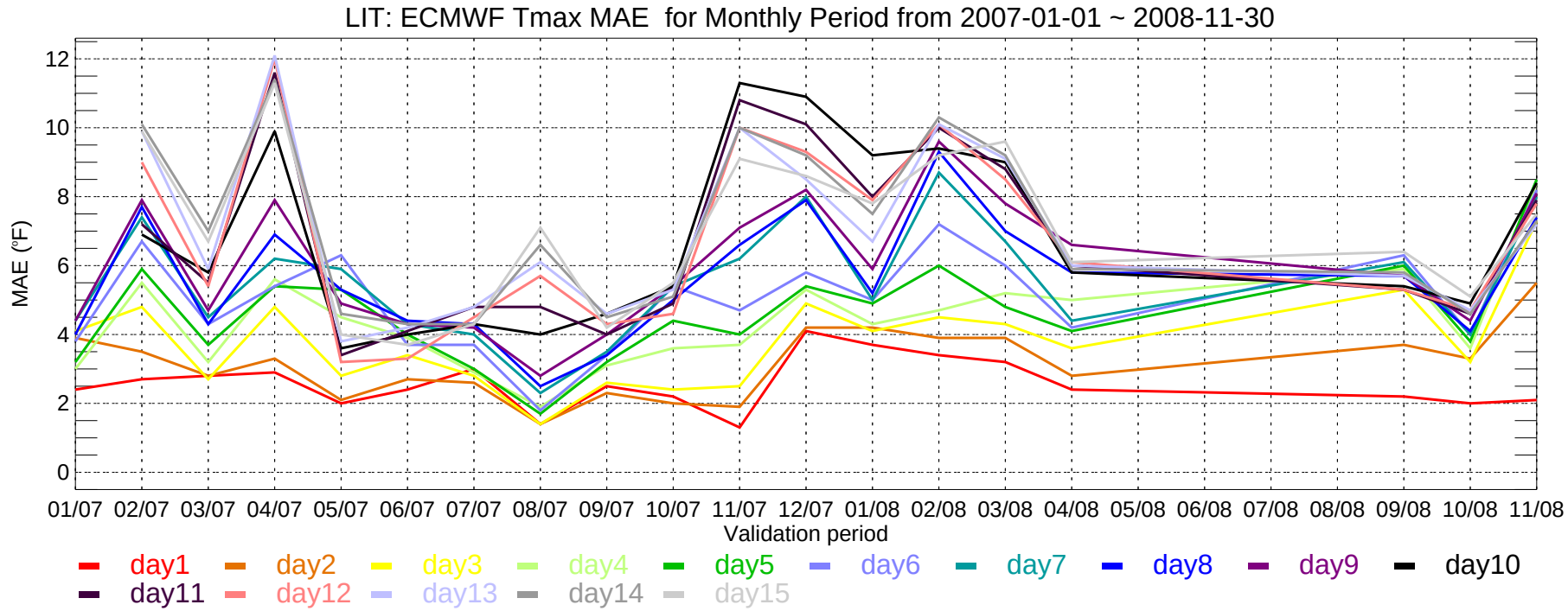

LGA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

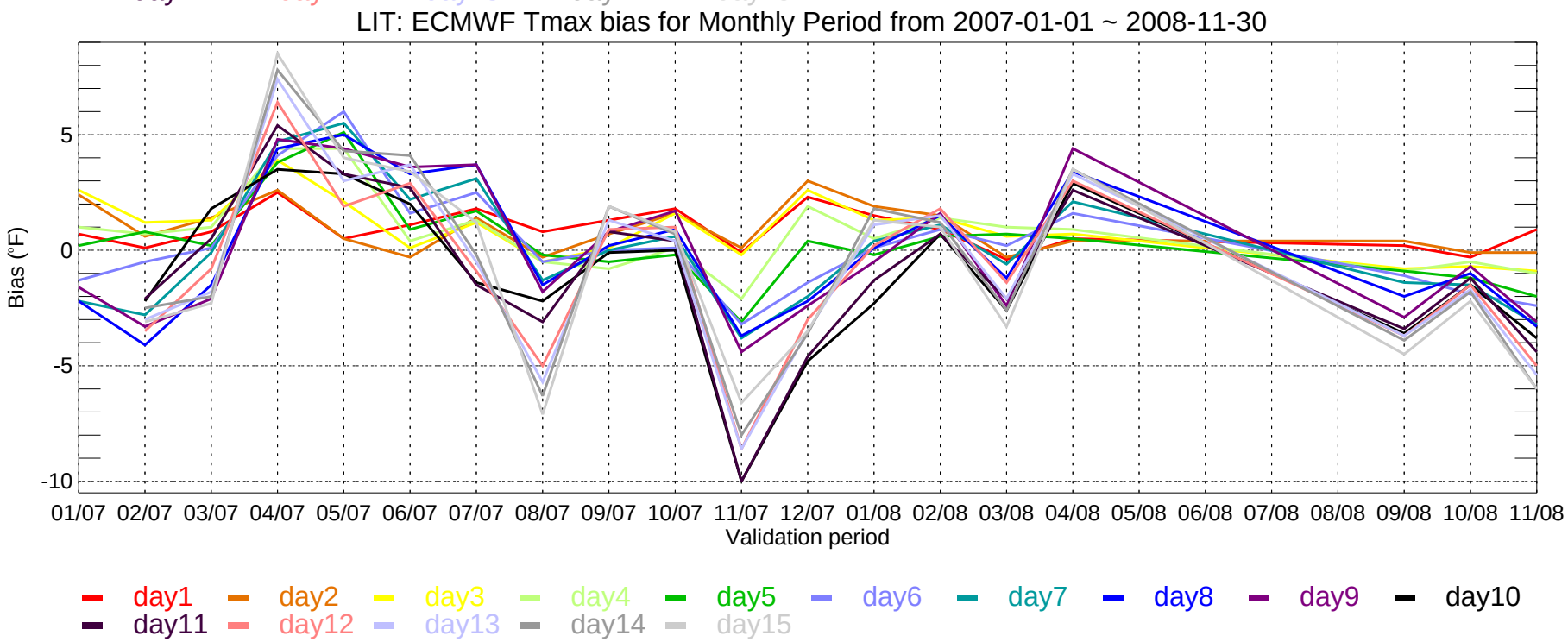

LGB: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

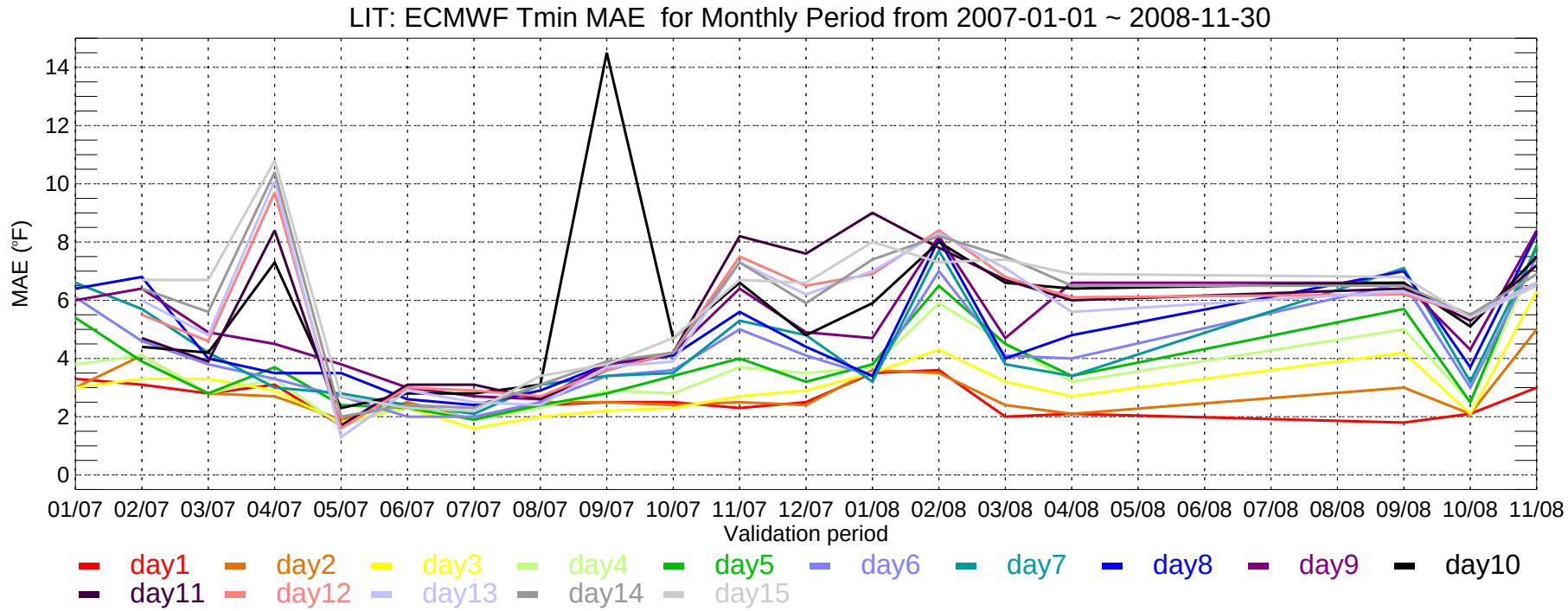

LGB: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

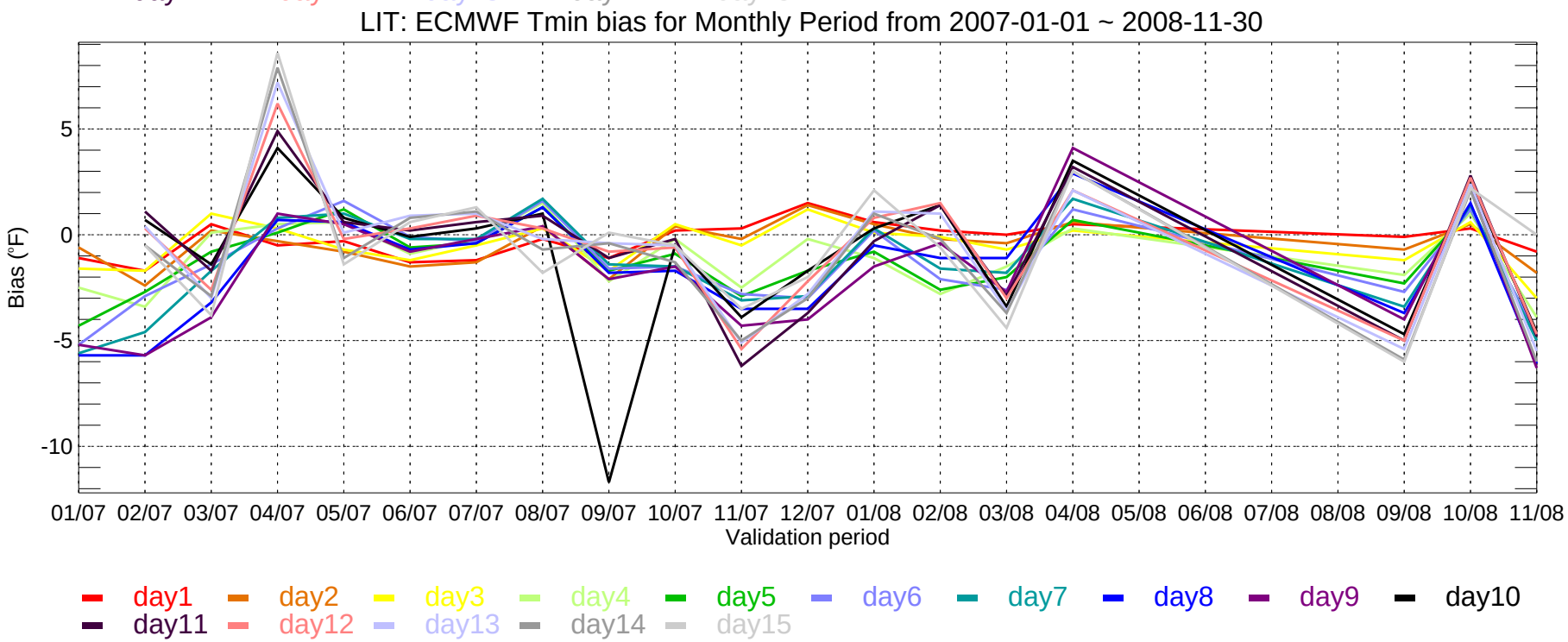

LGB: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

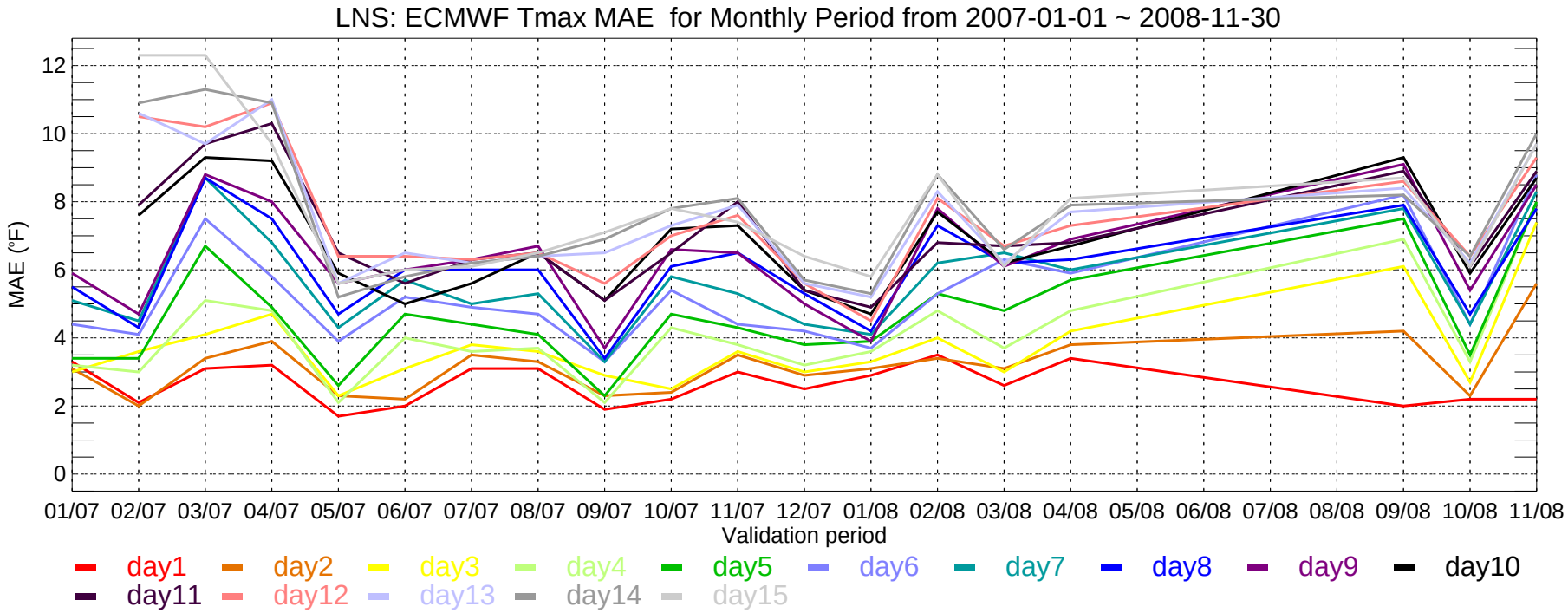

LGB: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

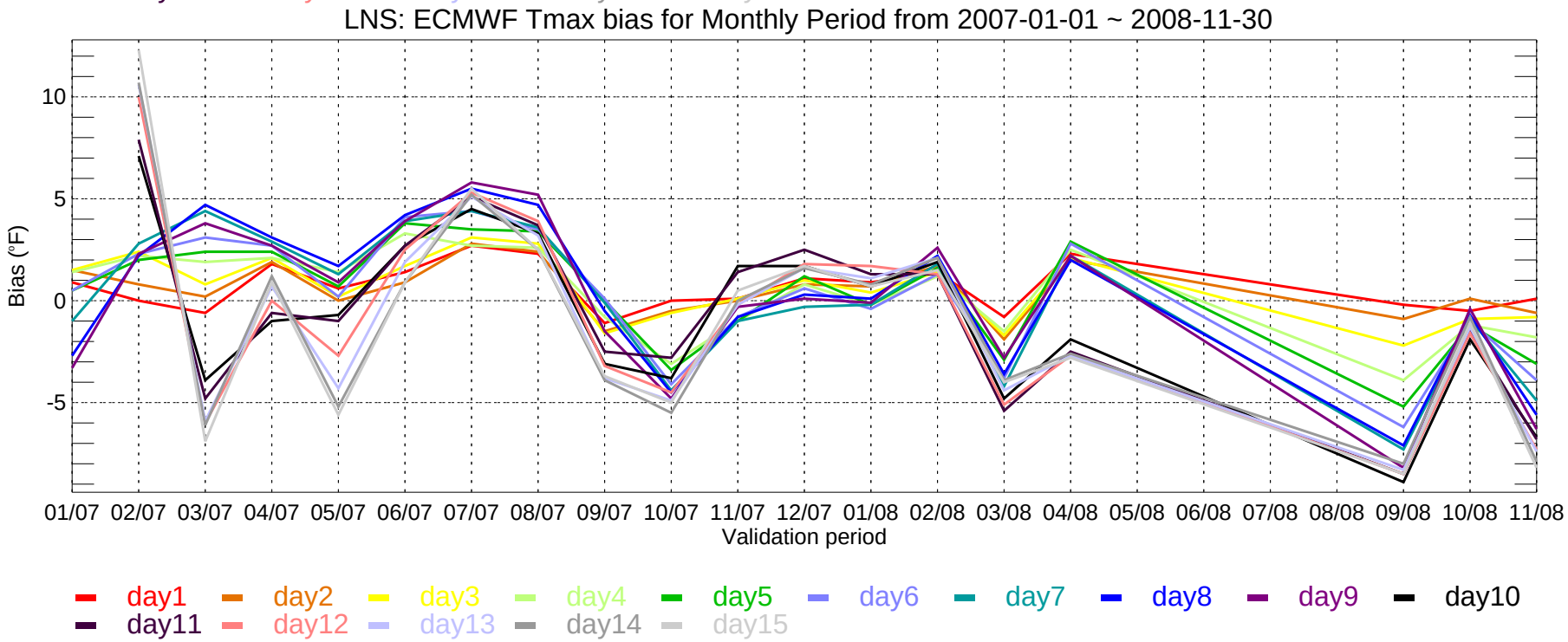

LIT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

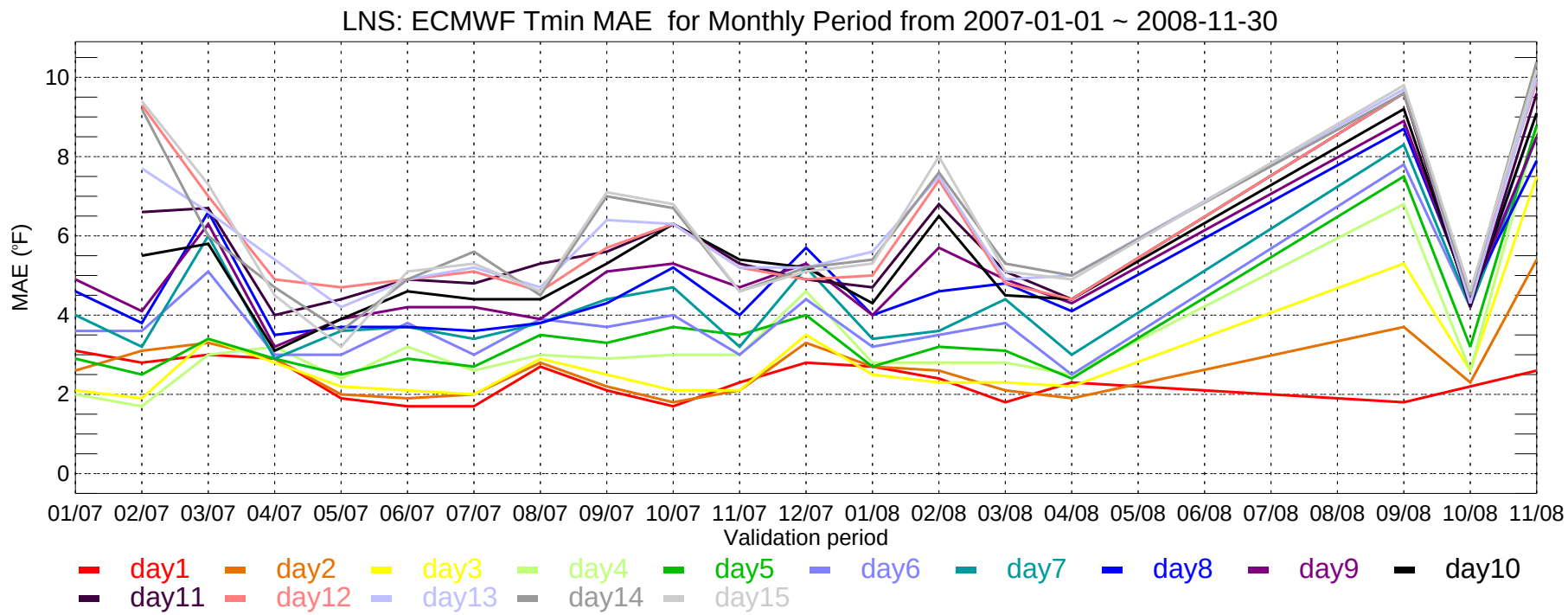

LIT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

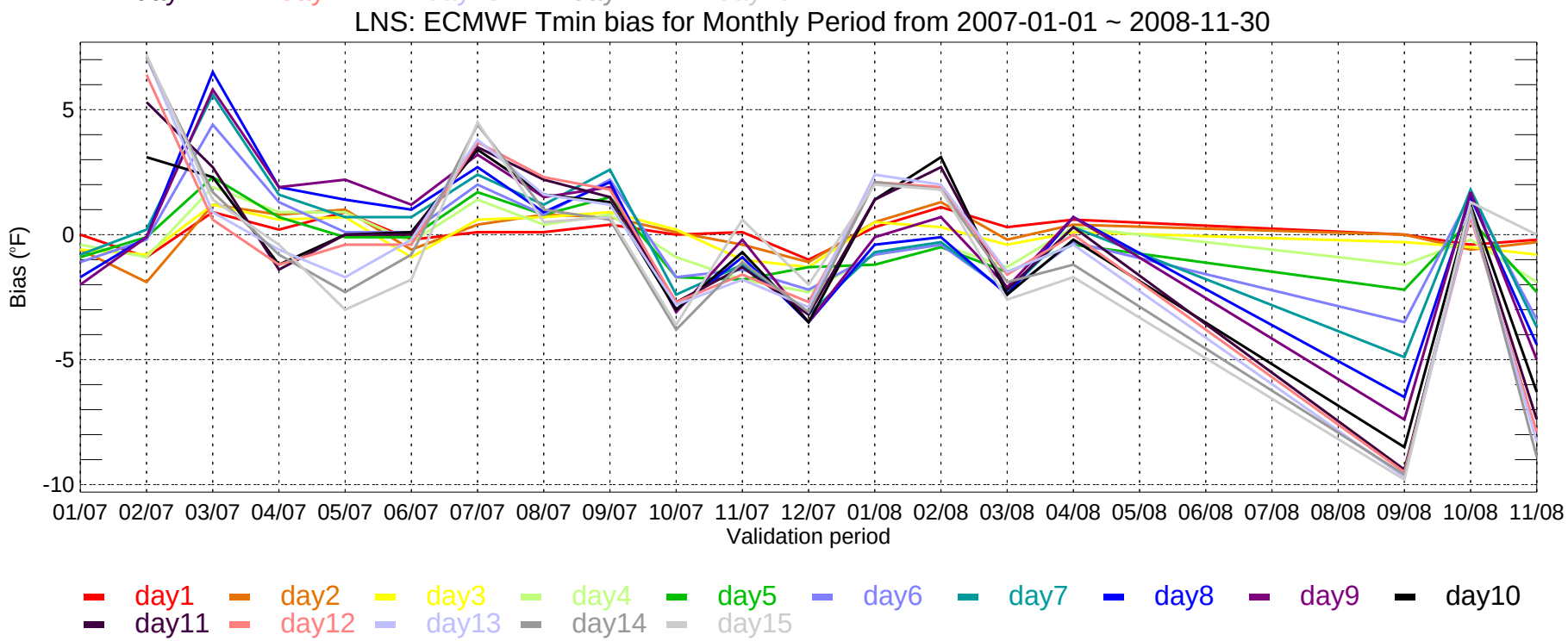

LIT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

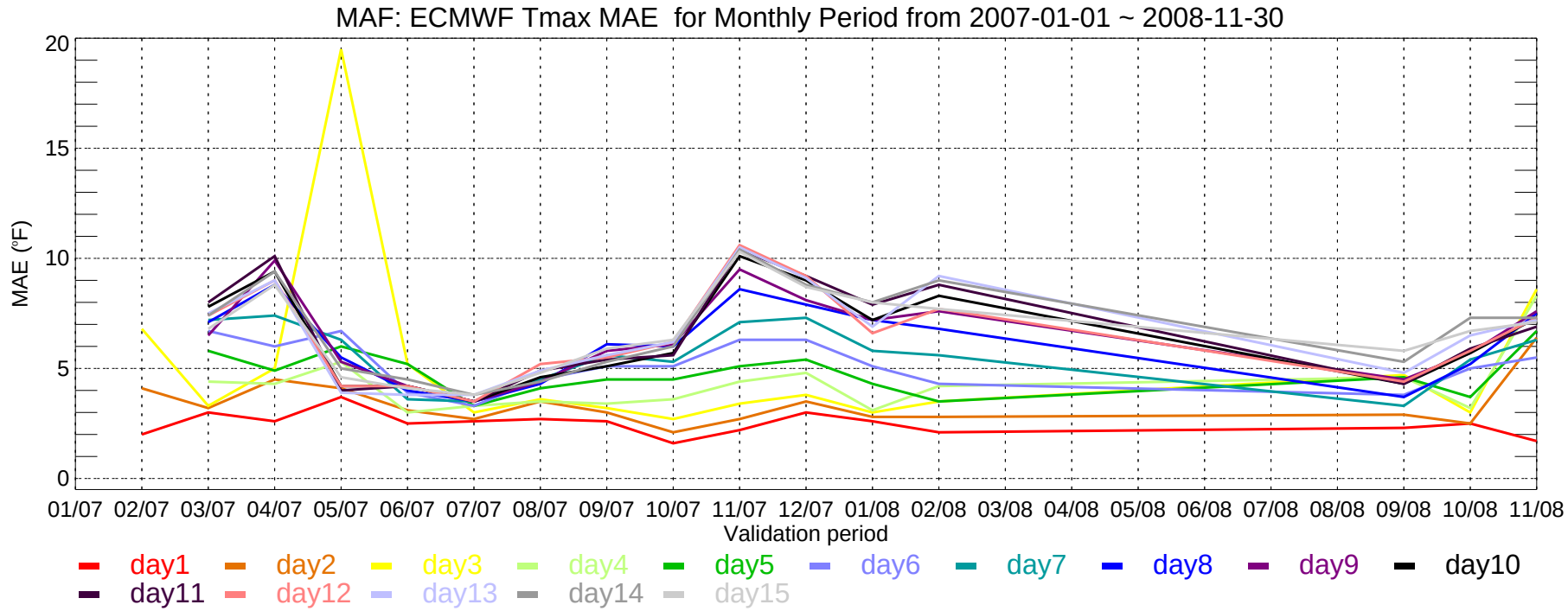

LIT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

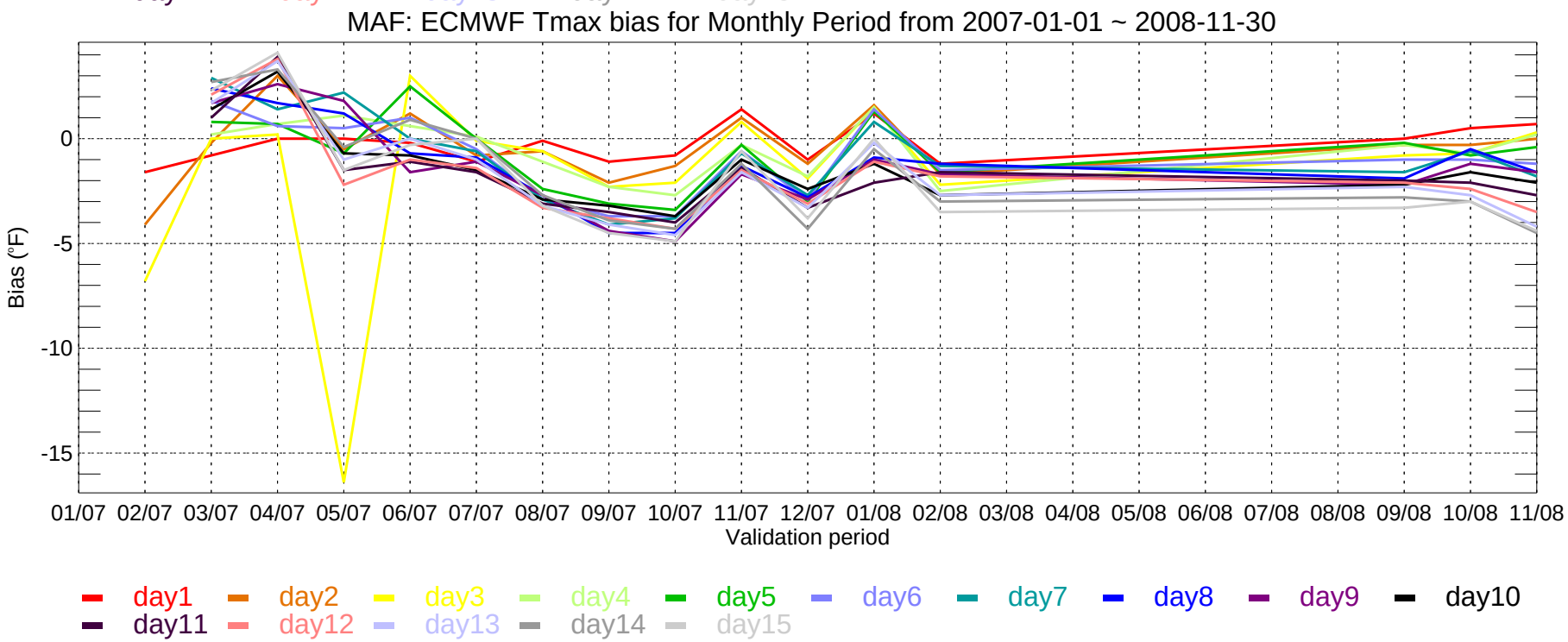

LNS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

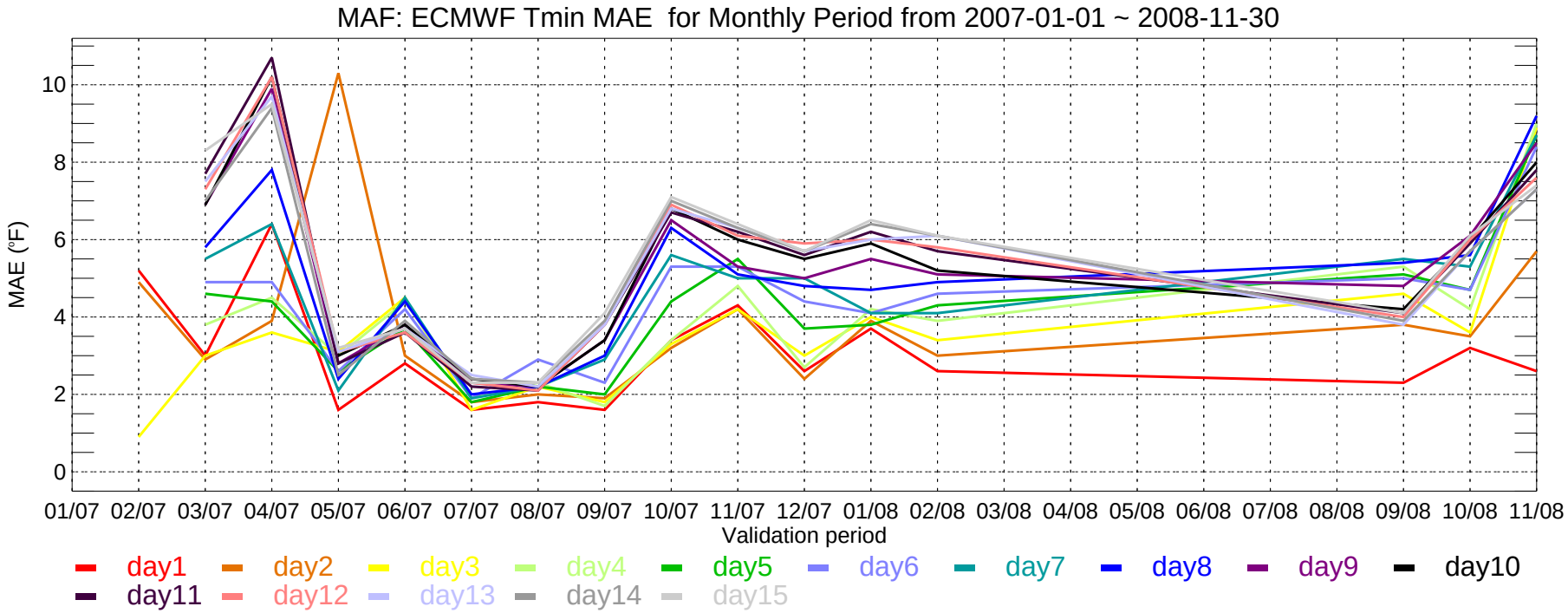

LNS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

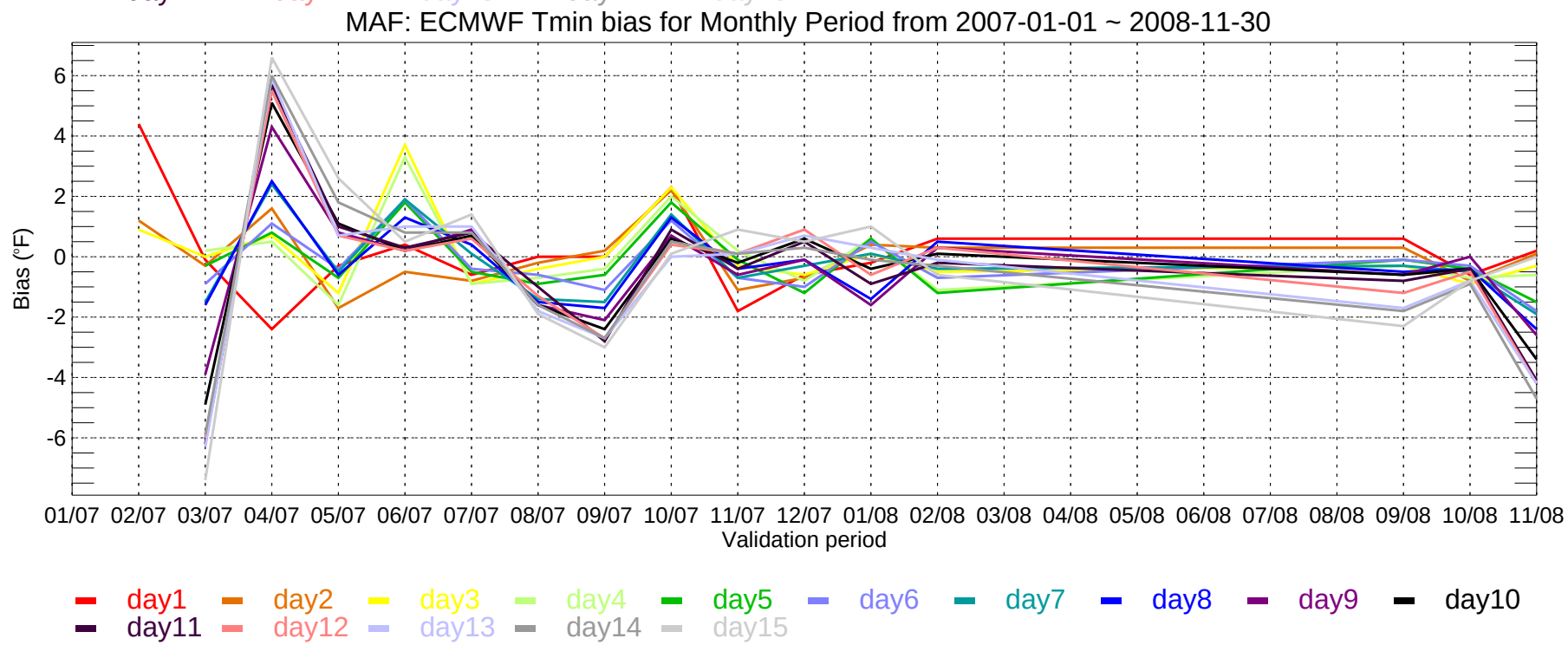

LNS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

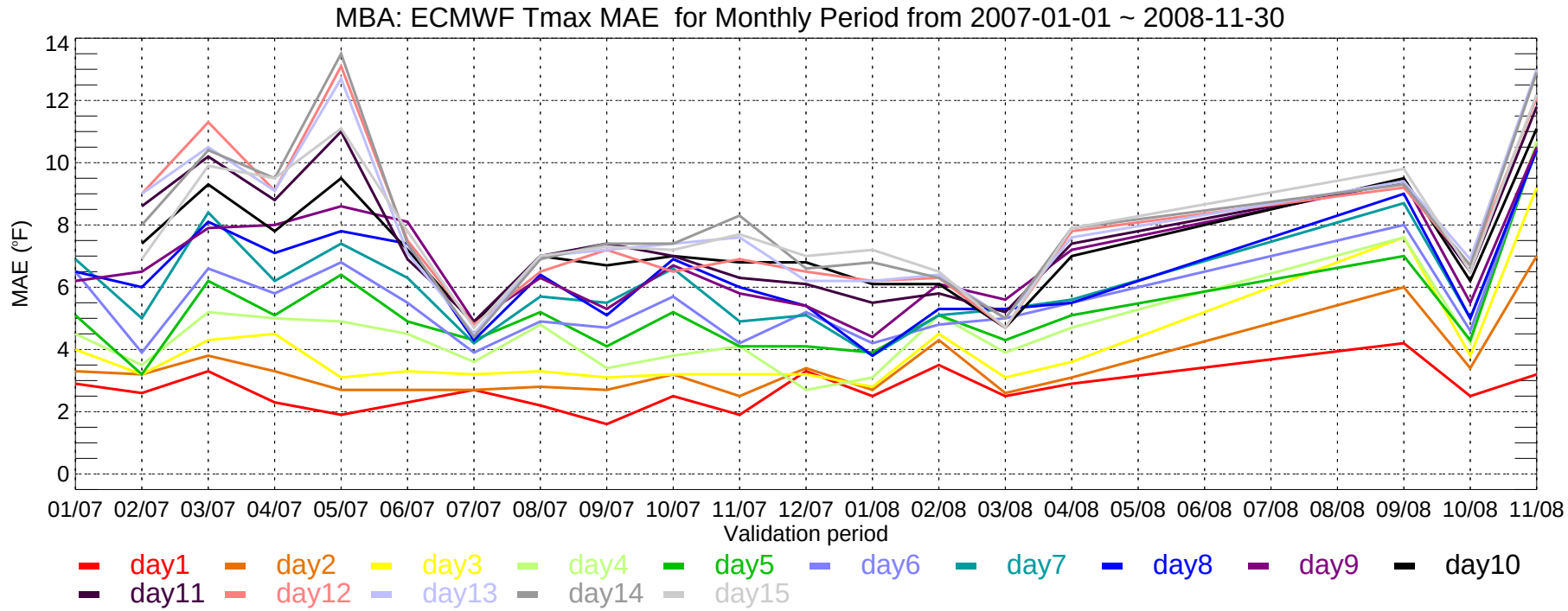

LNS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

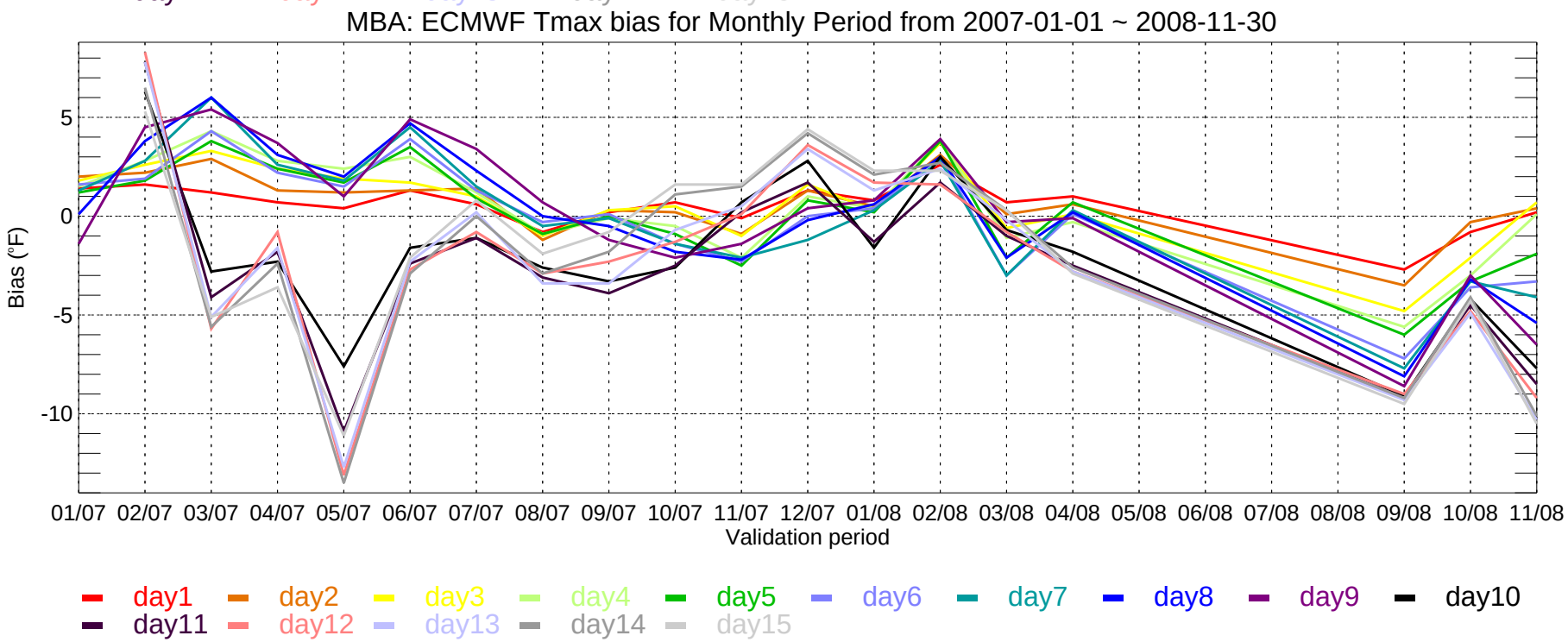

MAF: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

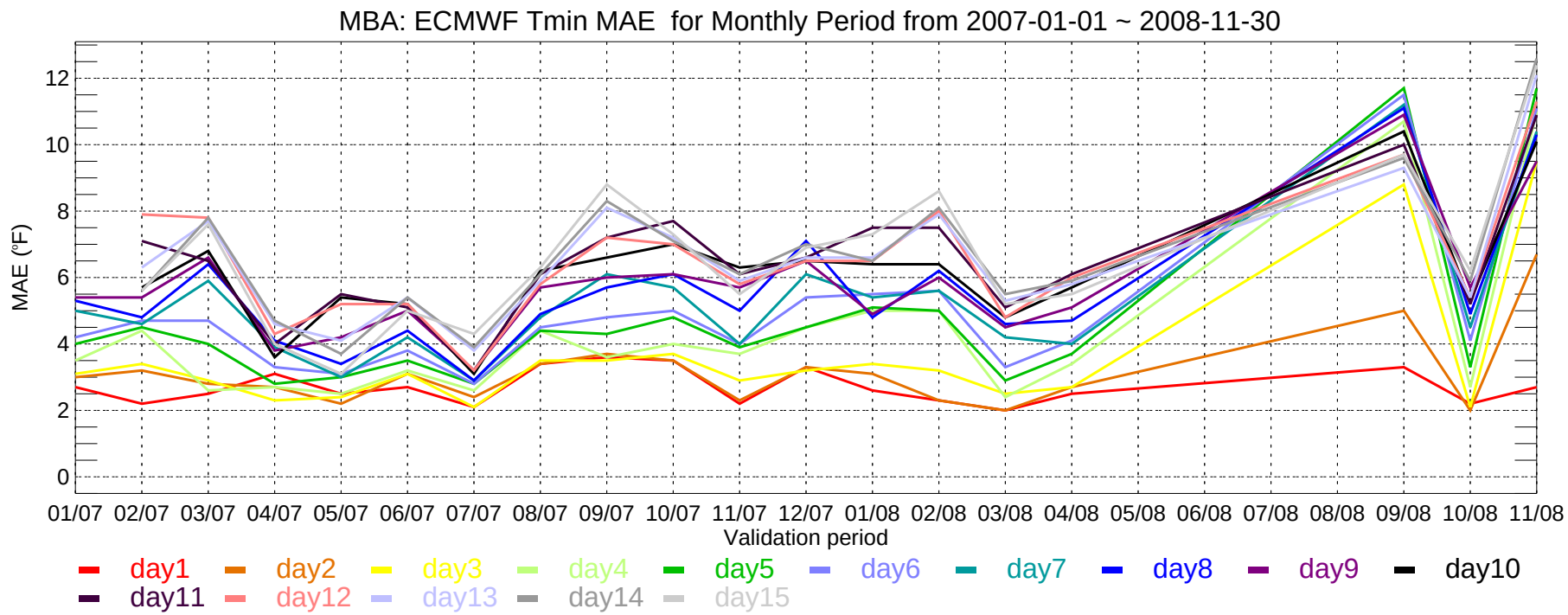

MAF: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

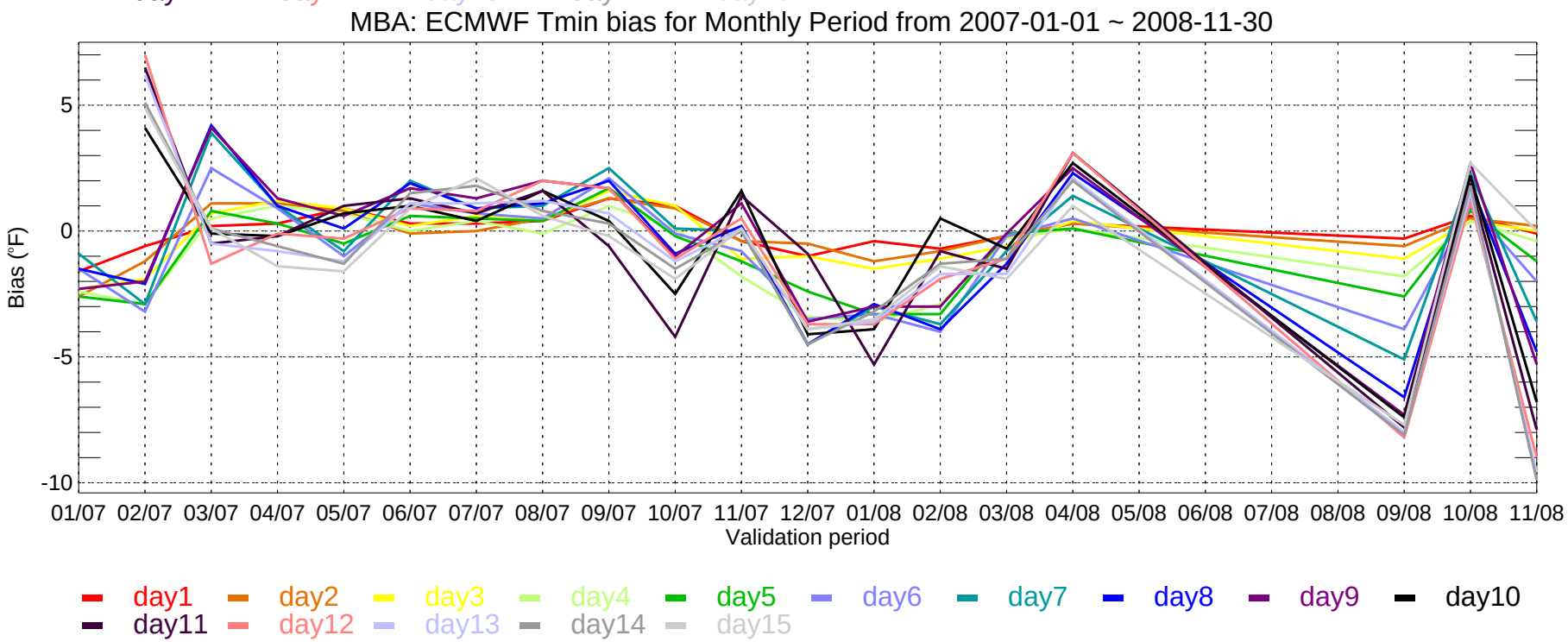

MAF: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

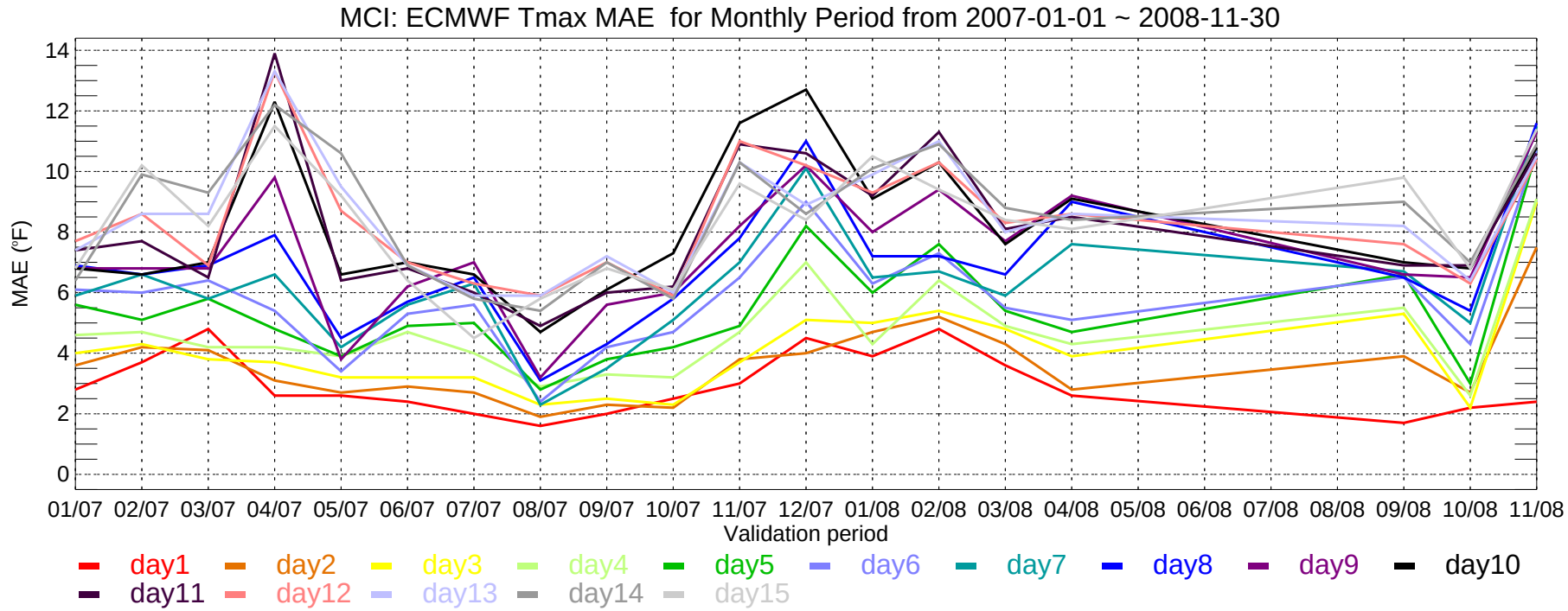

MAF: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

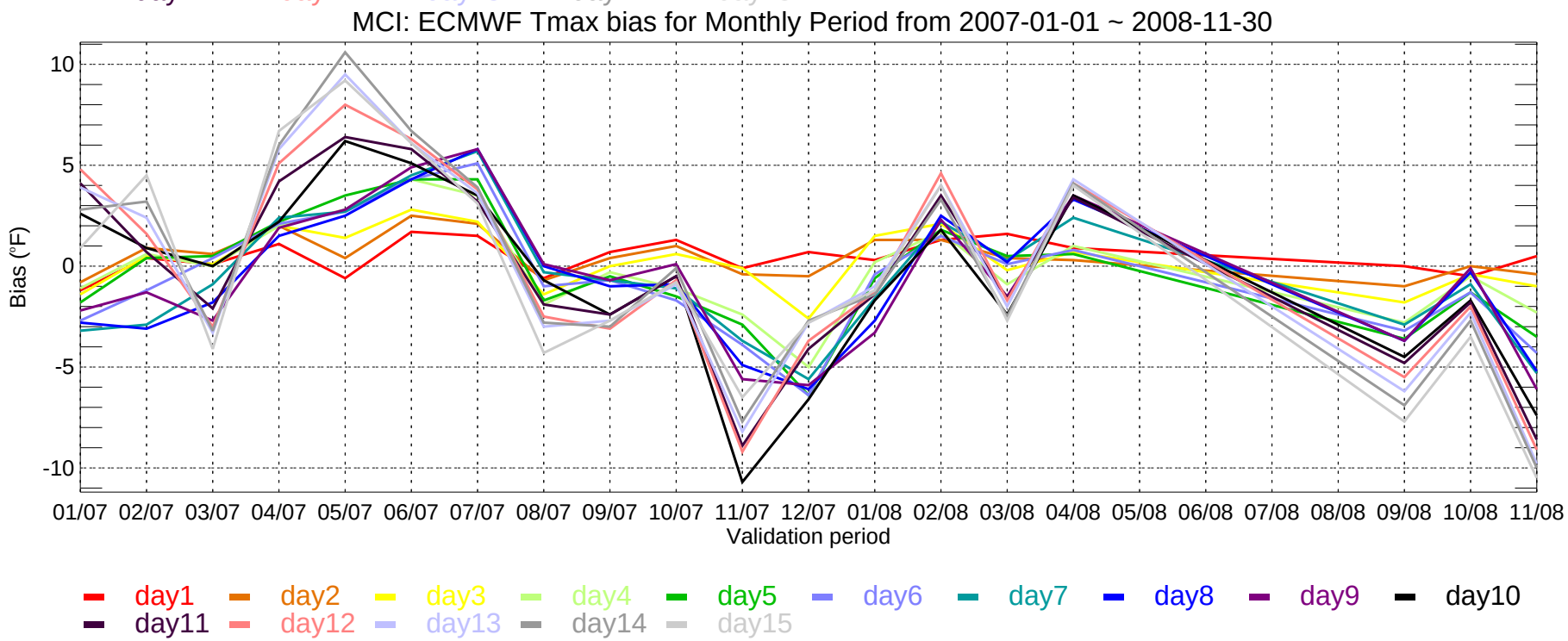

MBA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

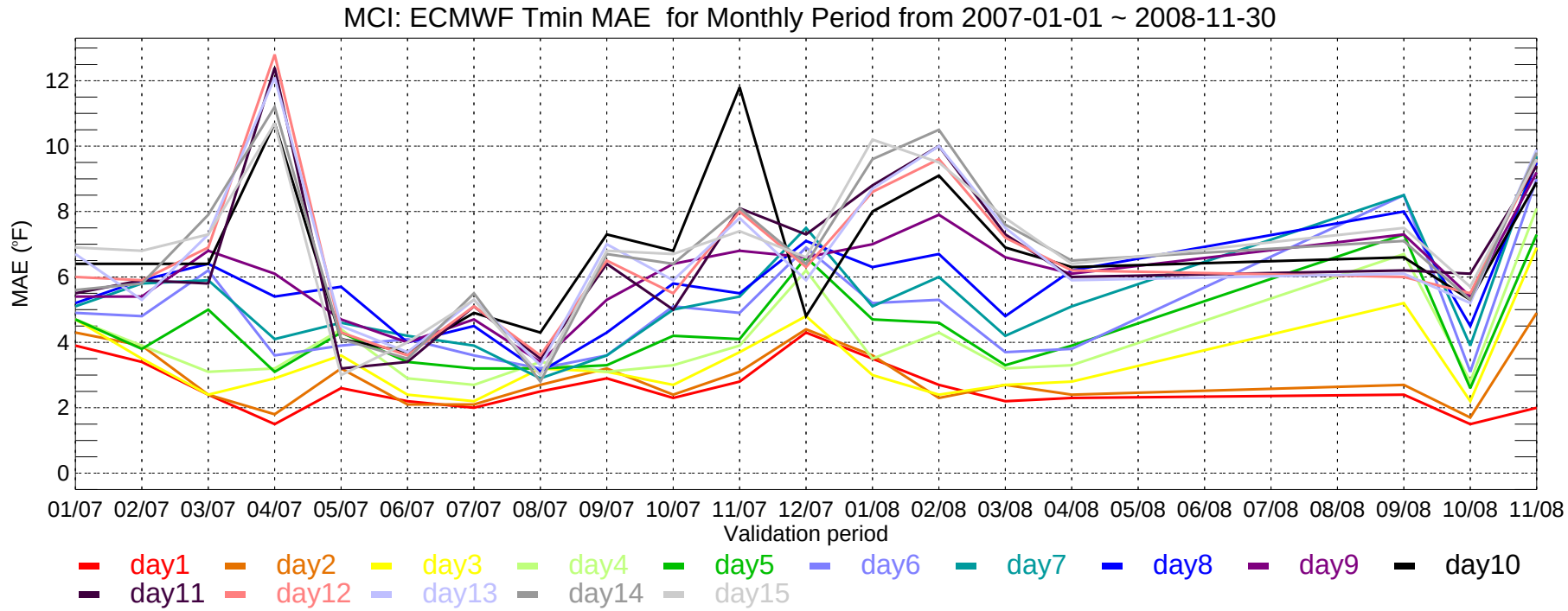

MBA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

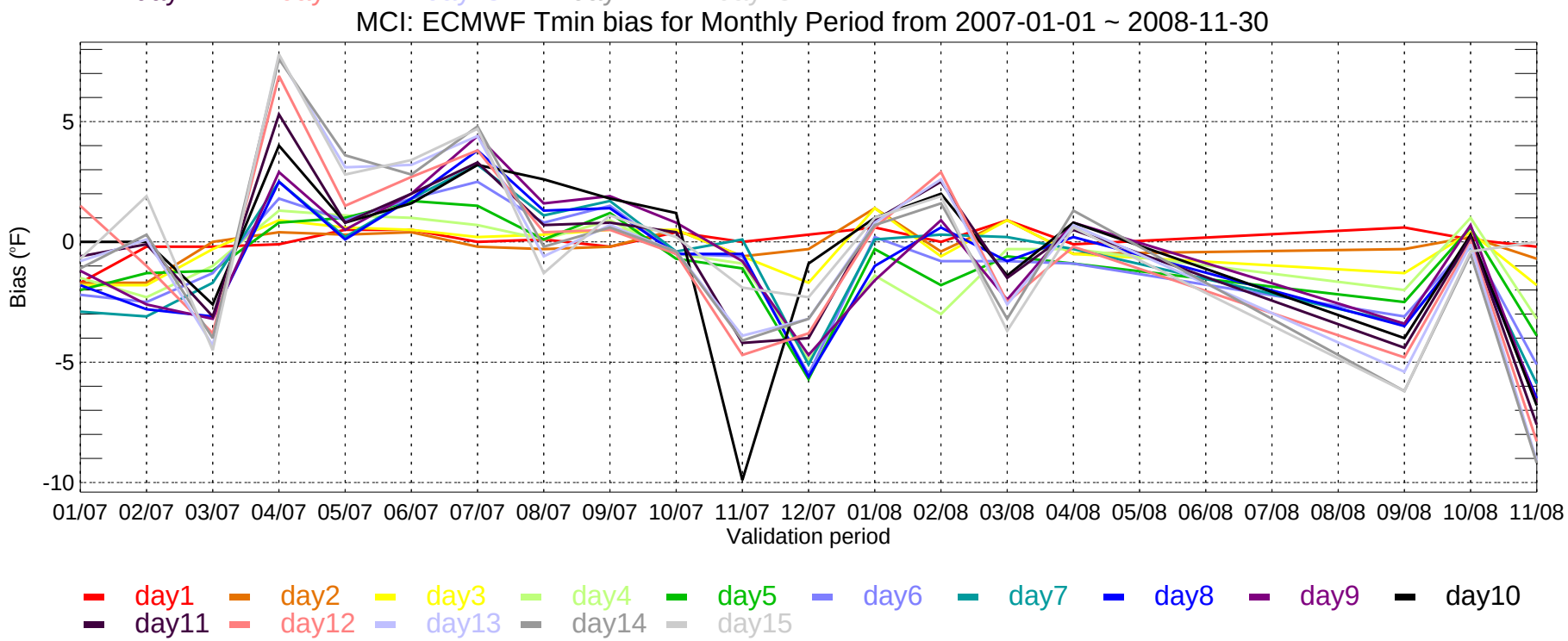

MBA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

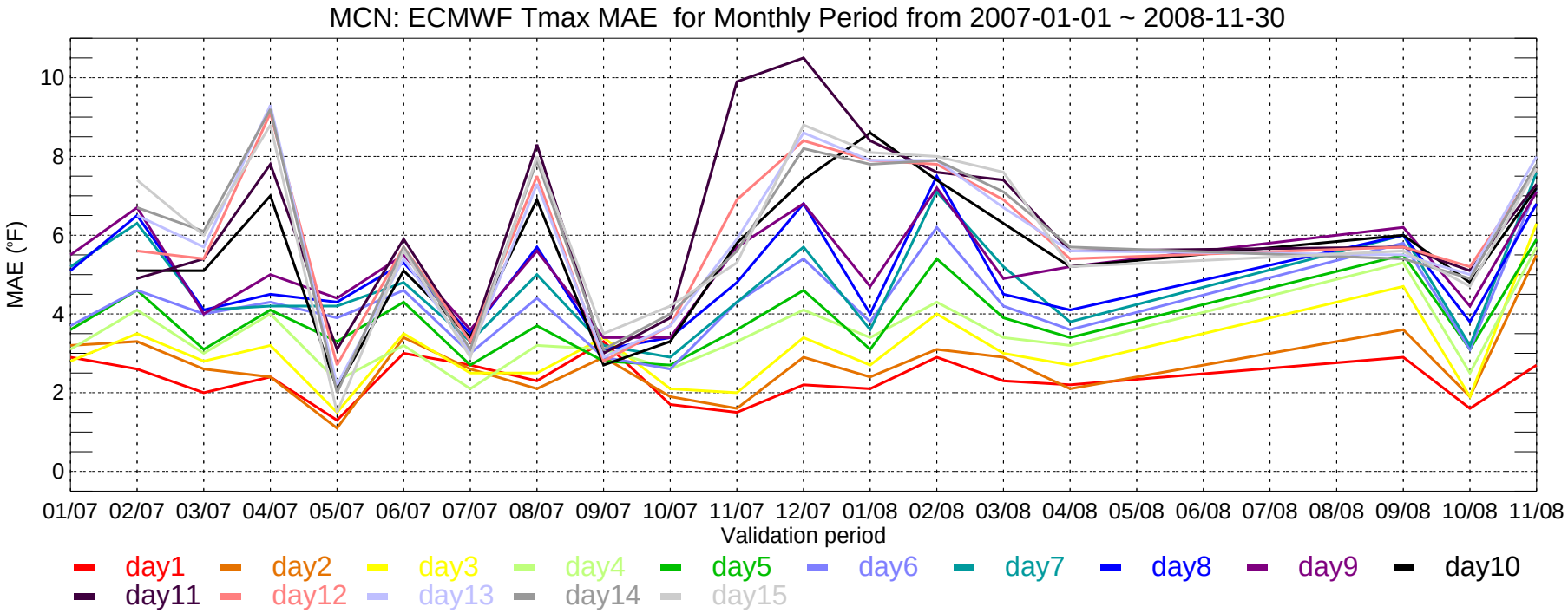

MBA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

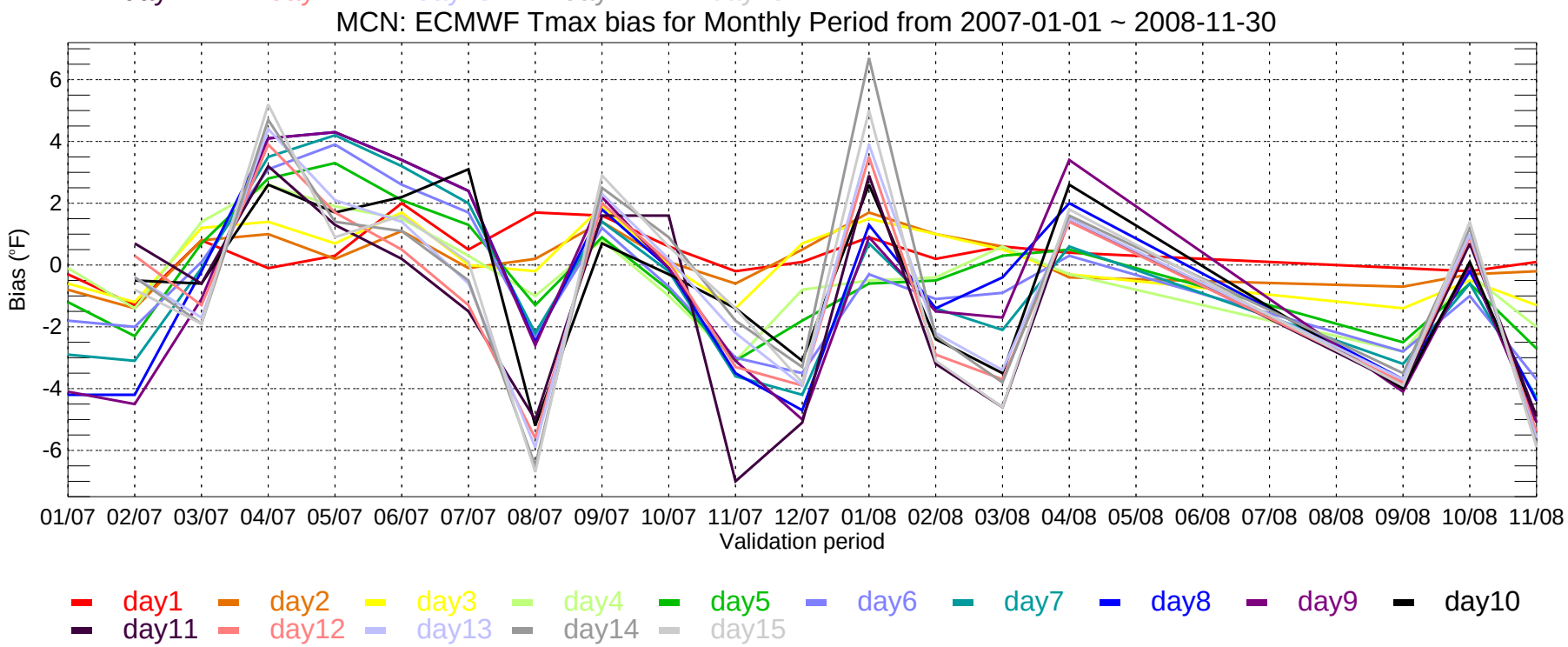

MCI: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

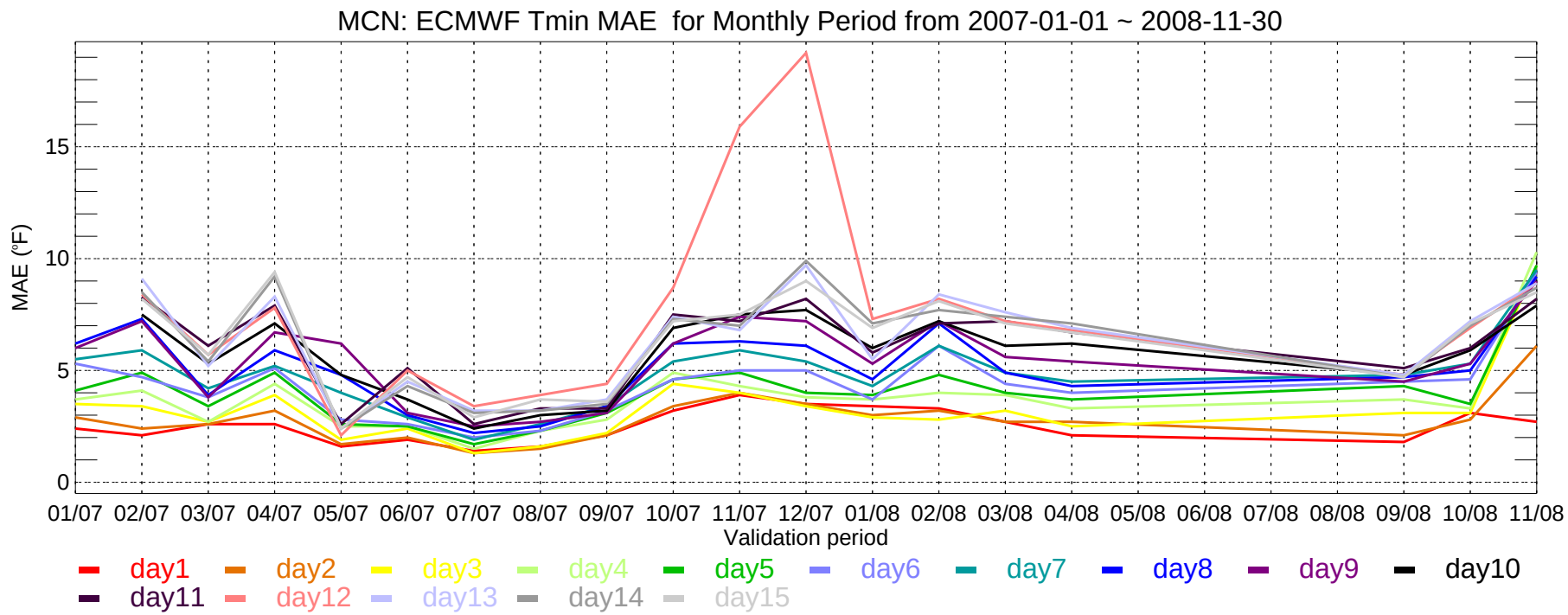

MCI: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

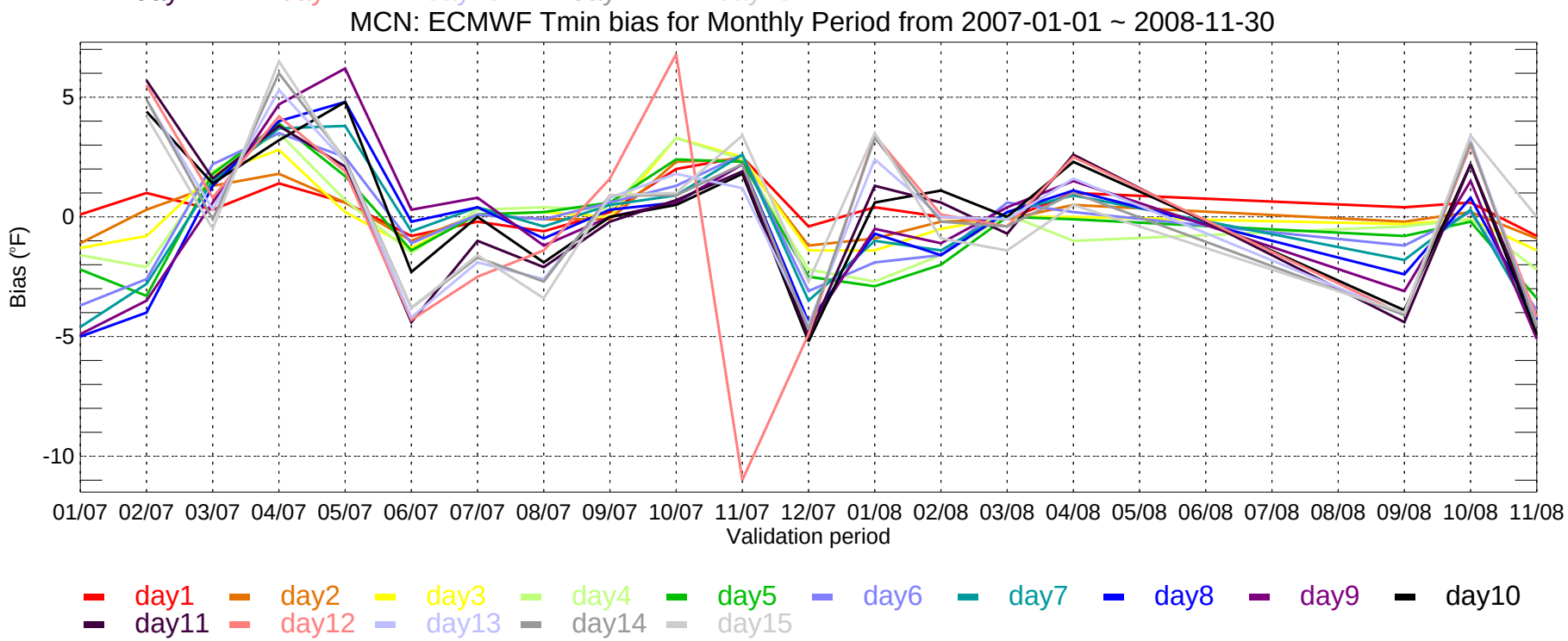

MCI: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

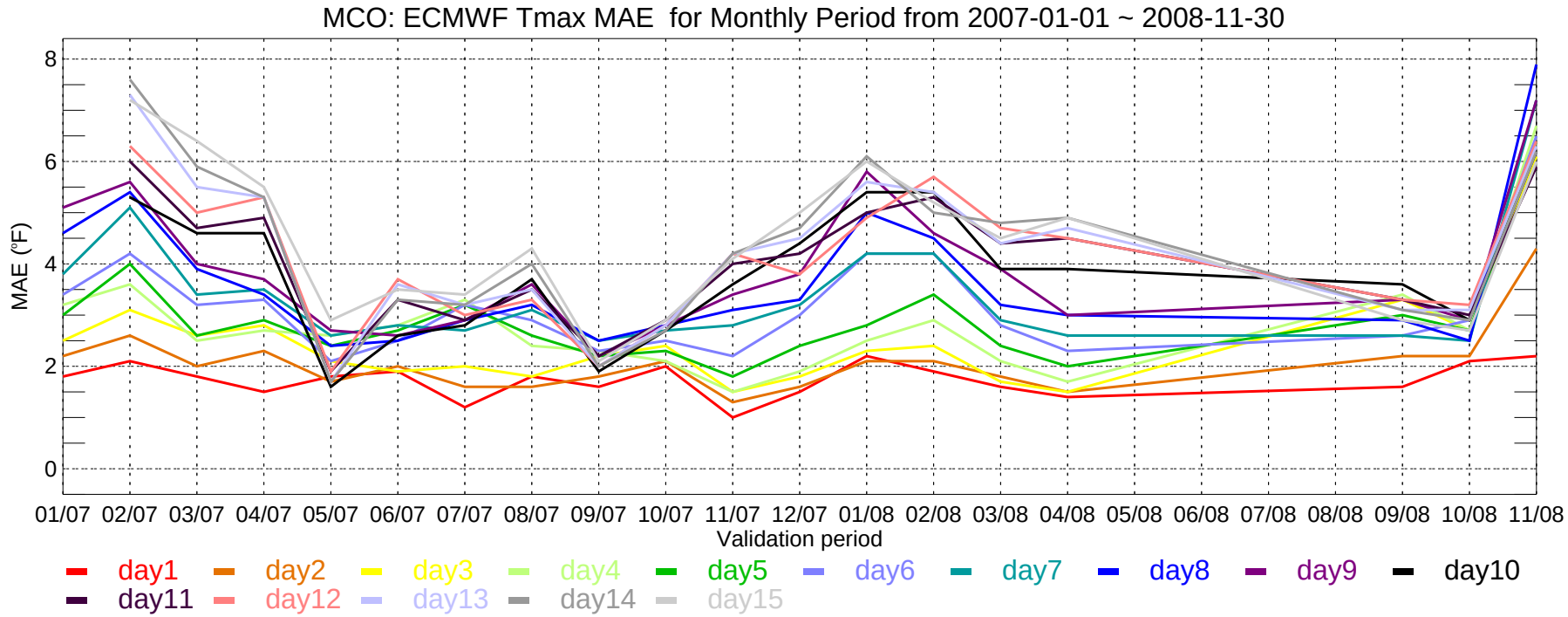

MCI: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

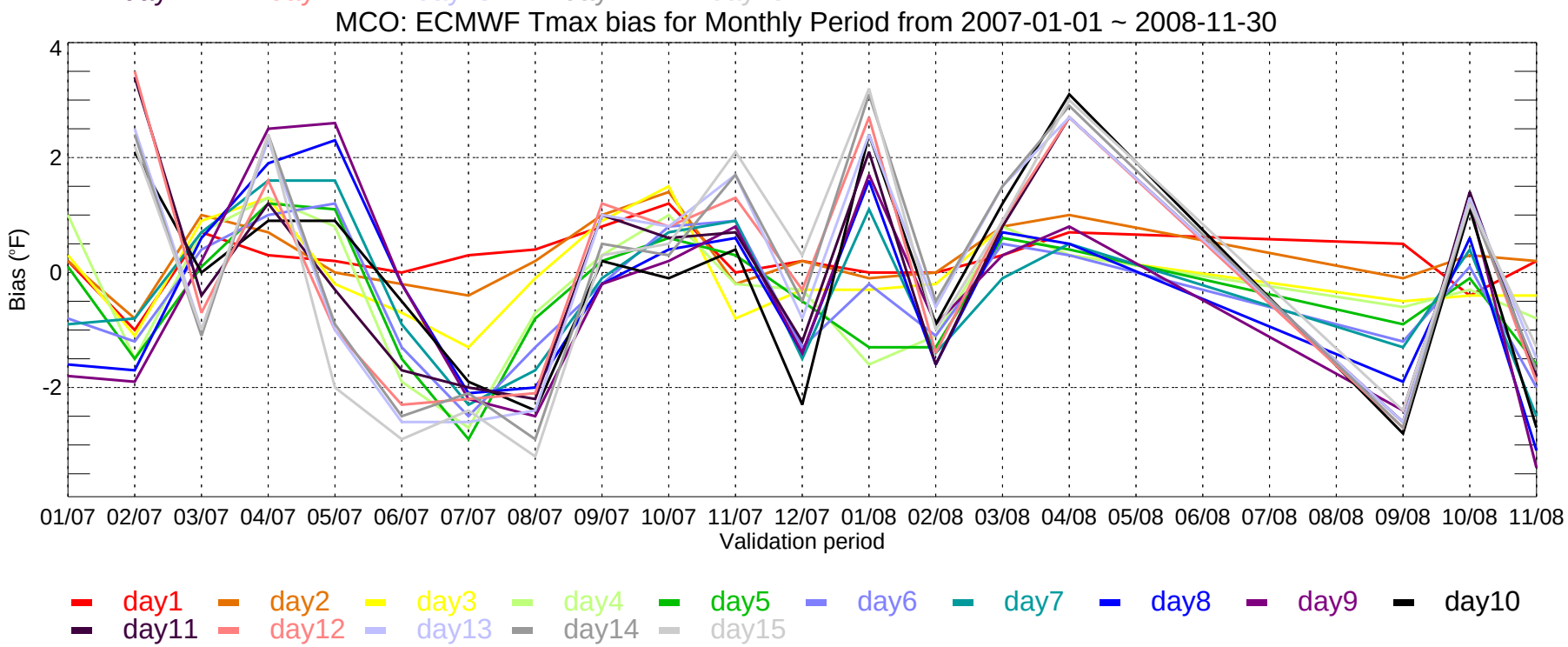

MCN: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

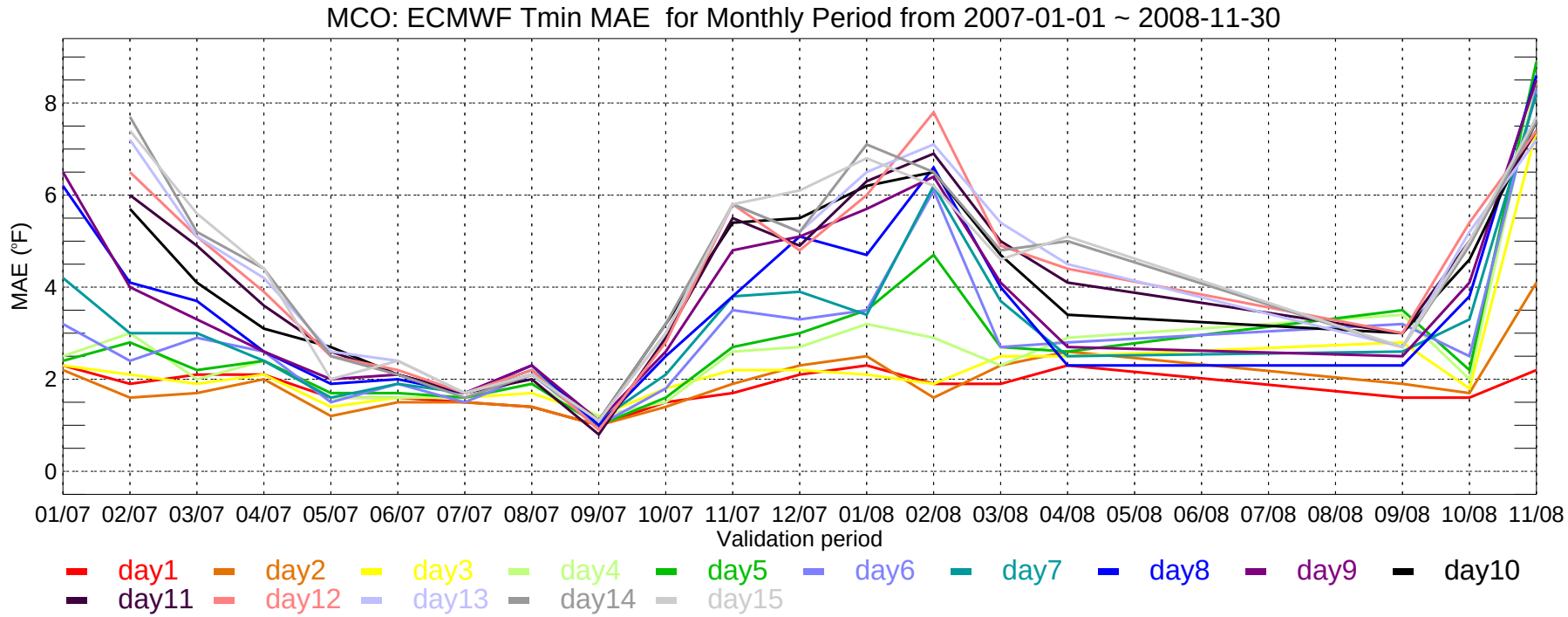

MCN: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

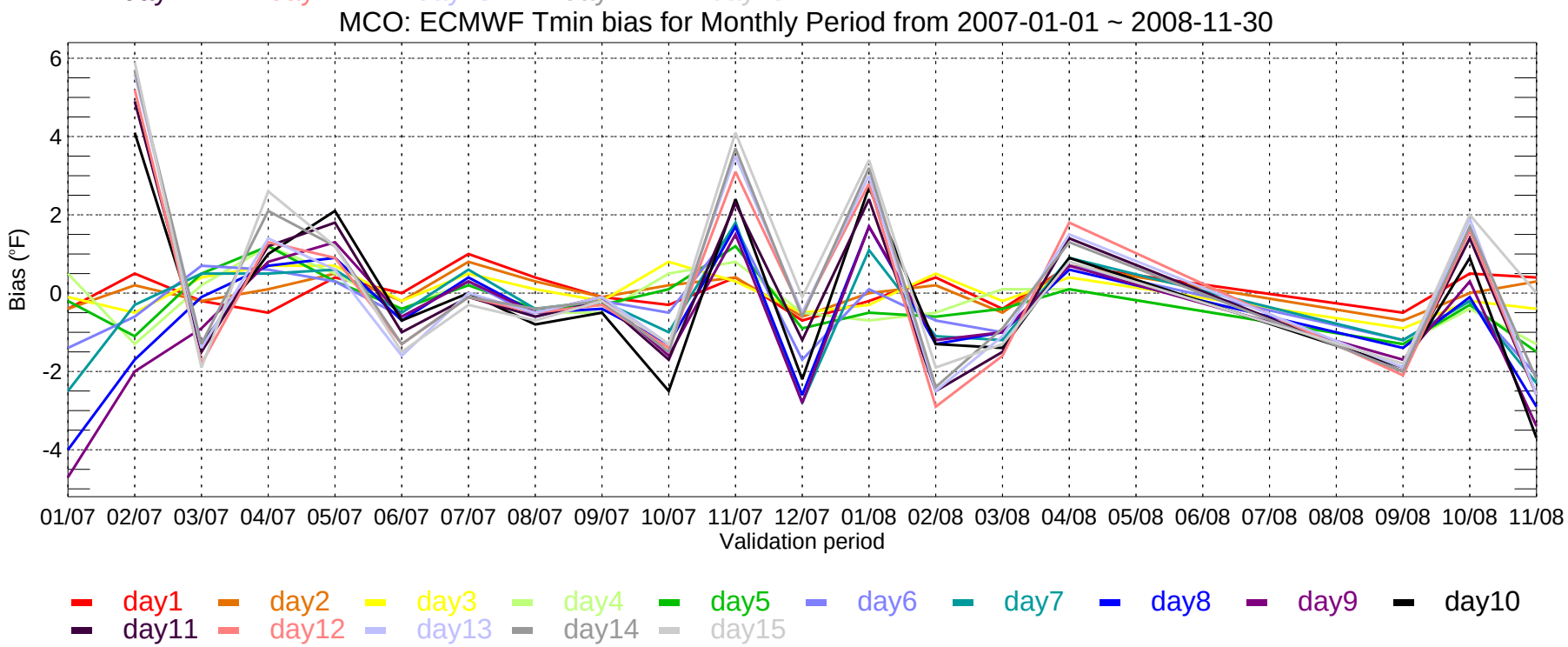

MCN: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

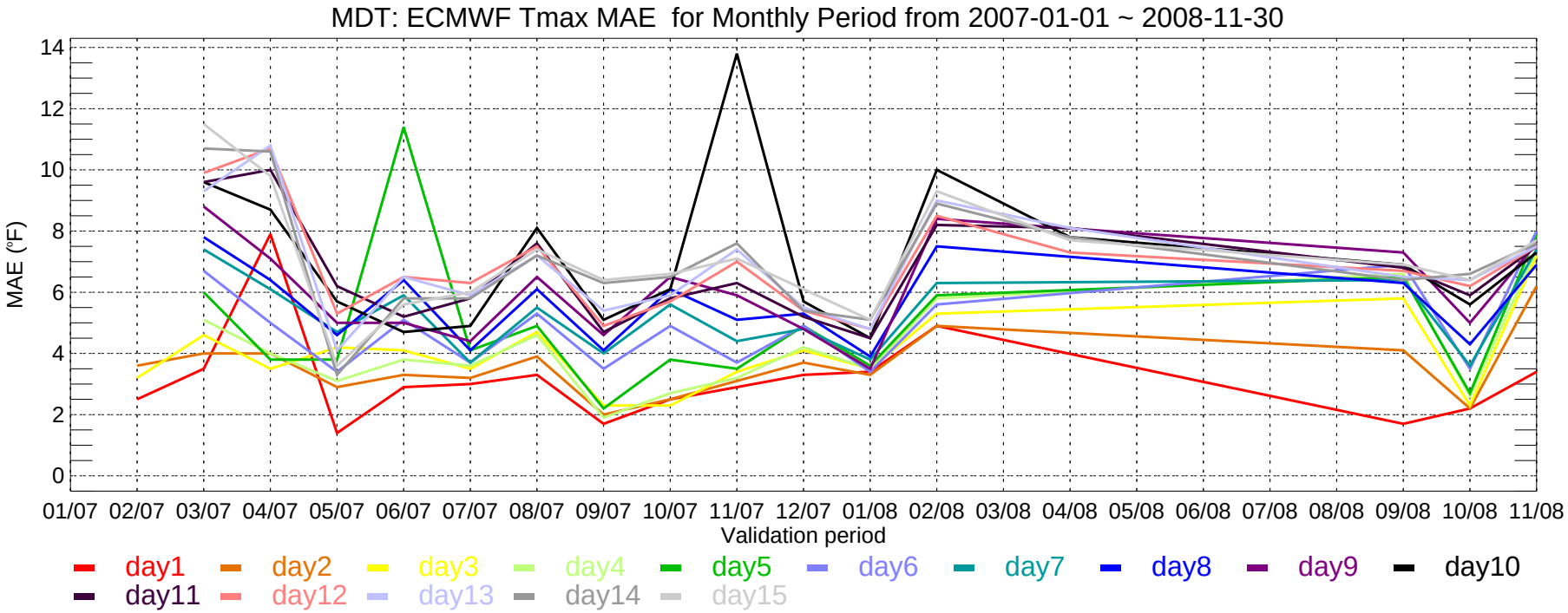

MCN: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

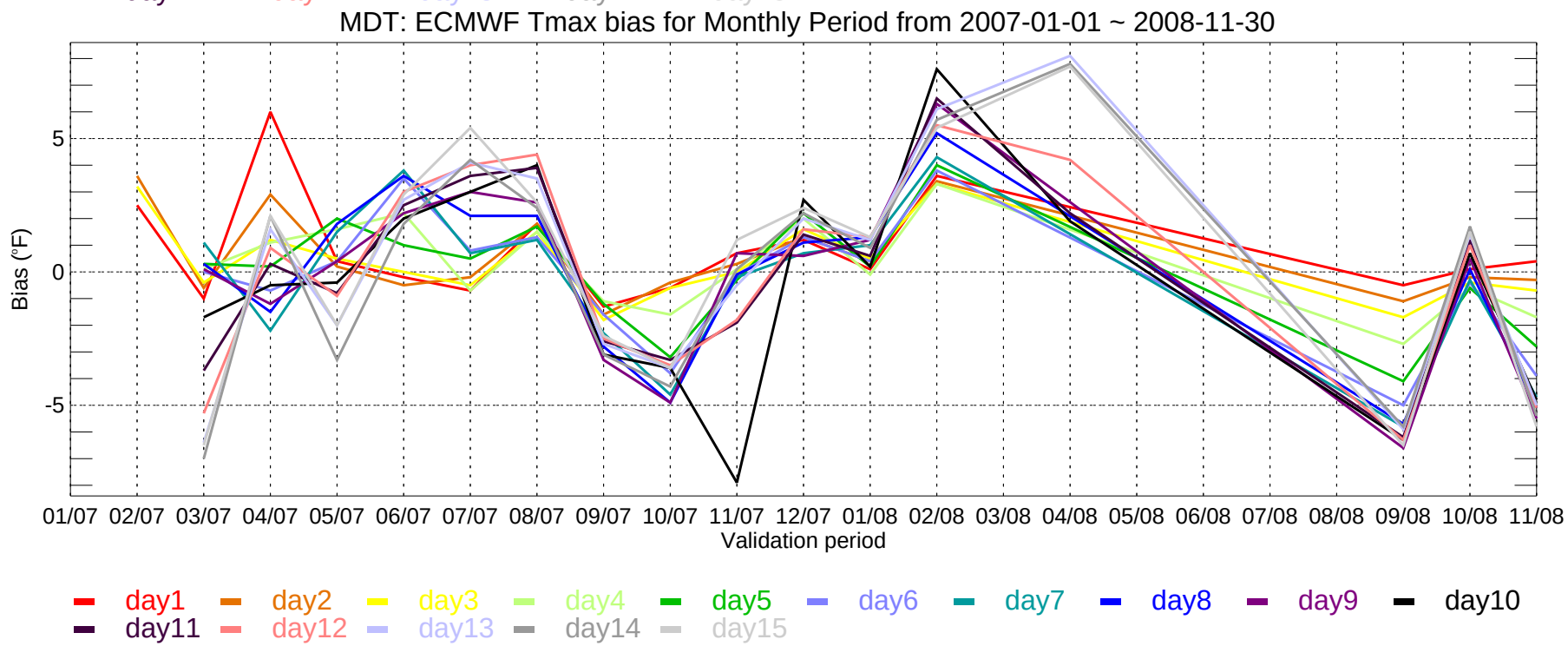

MCO: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

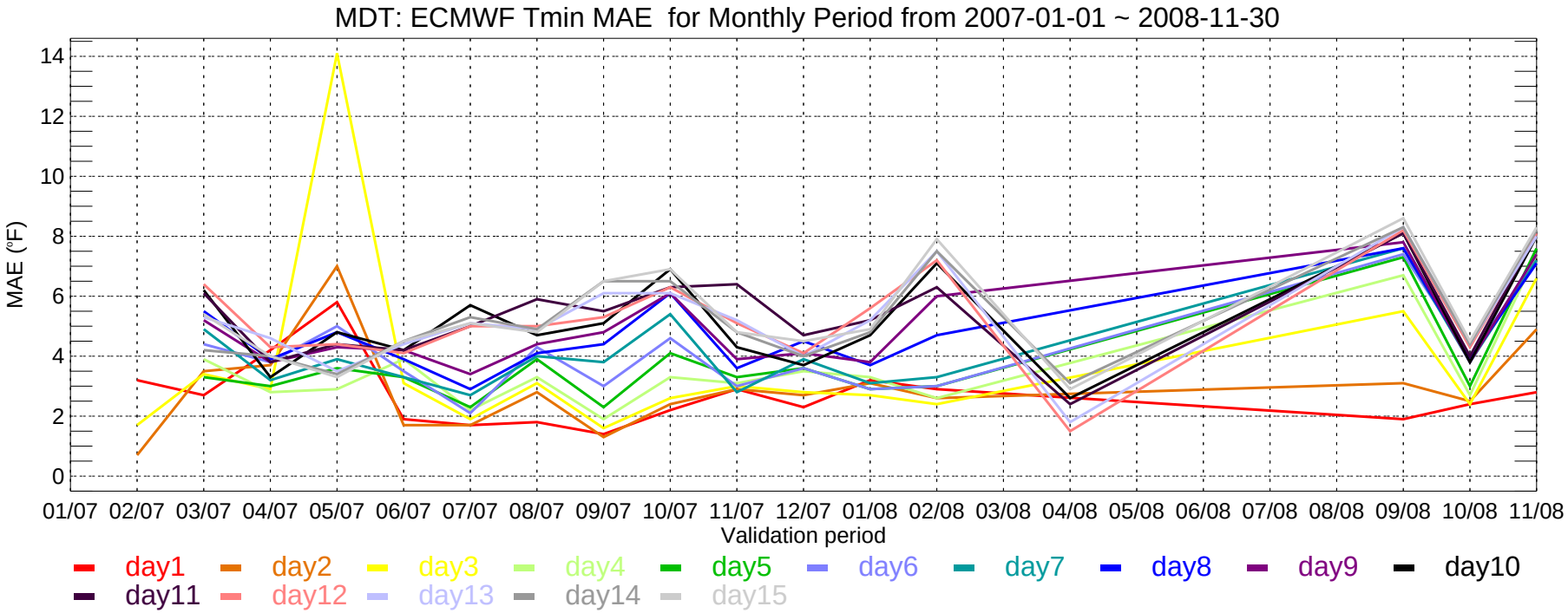

MCO: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

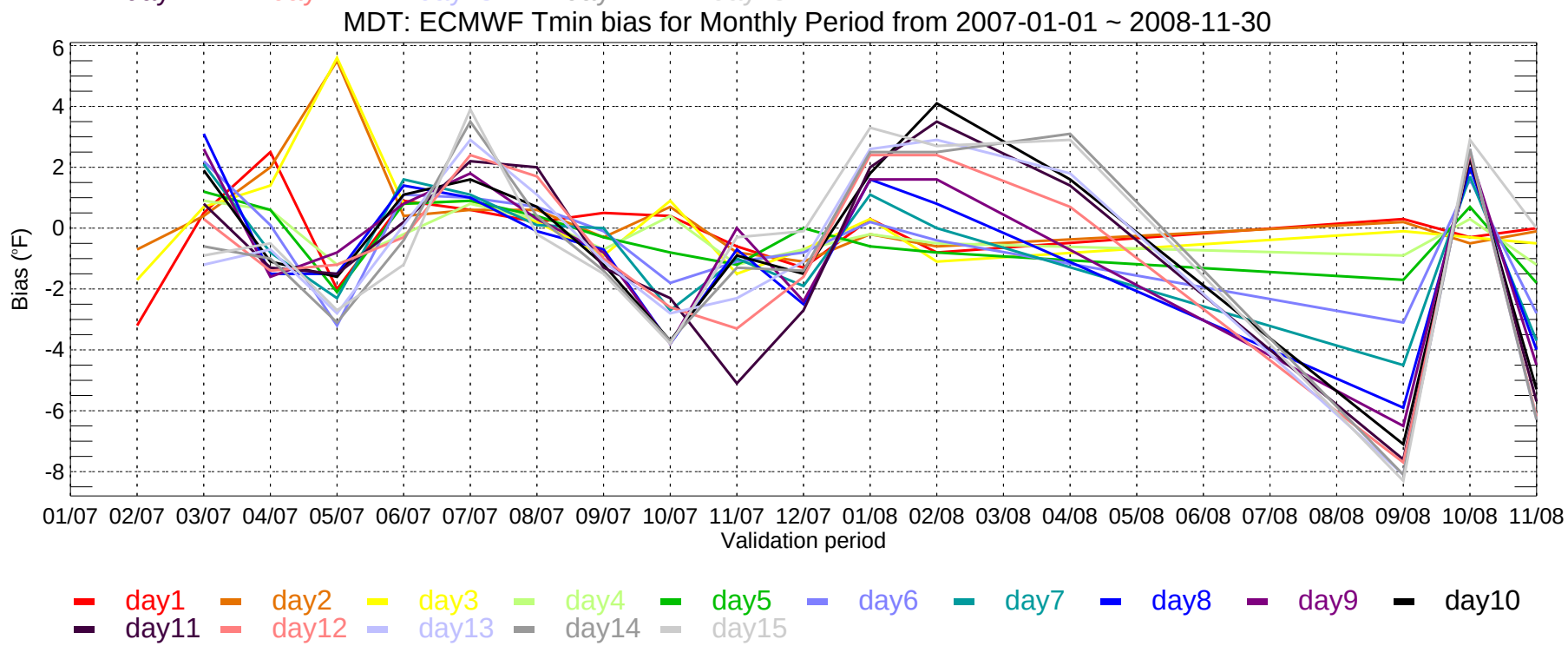

MCO: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

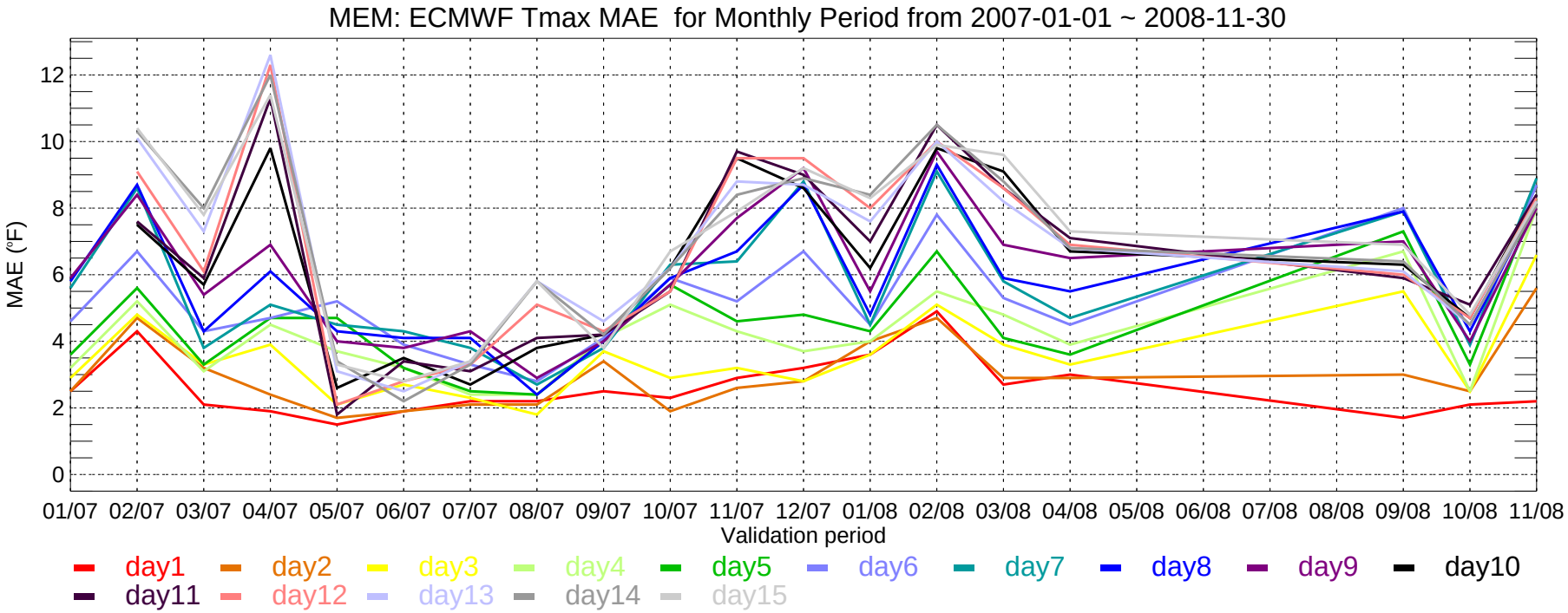

MCO: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

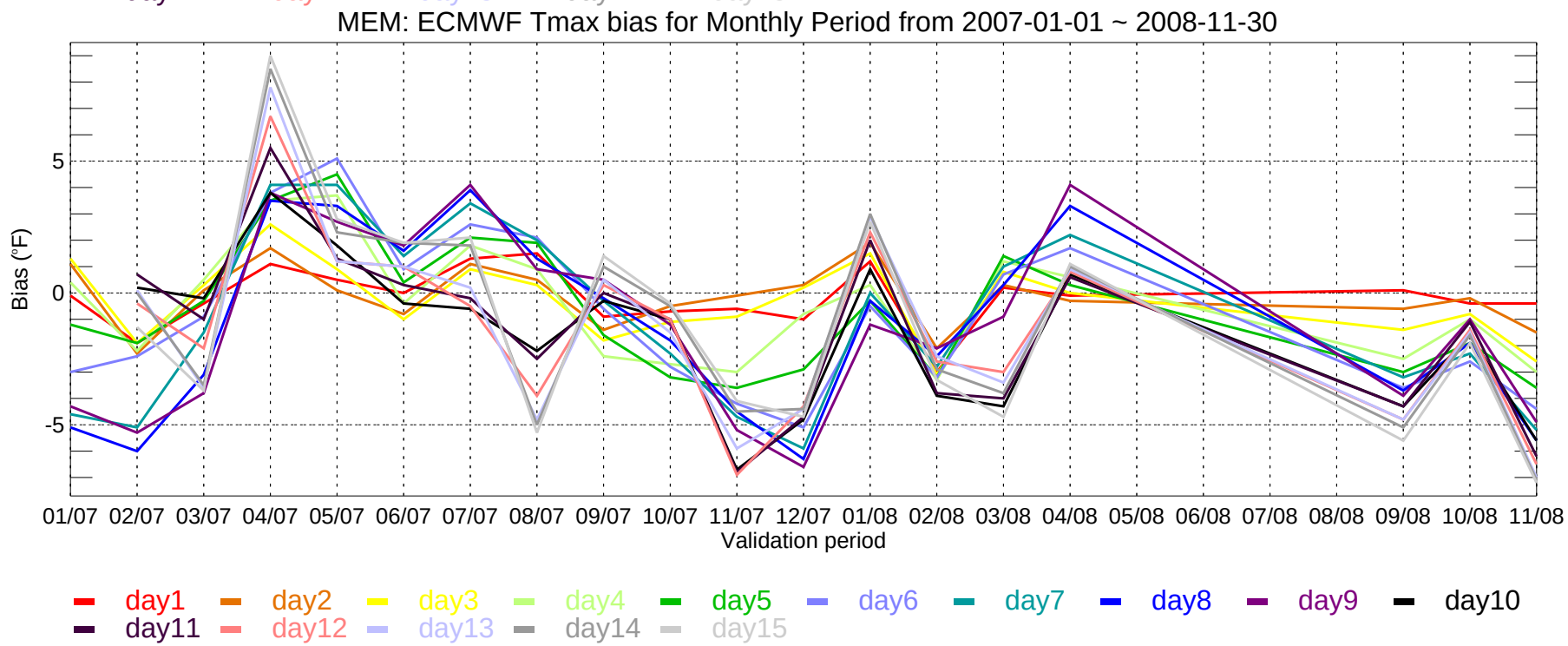

MDT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

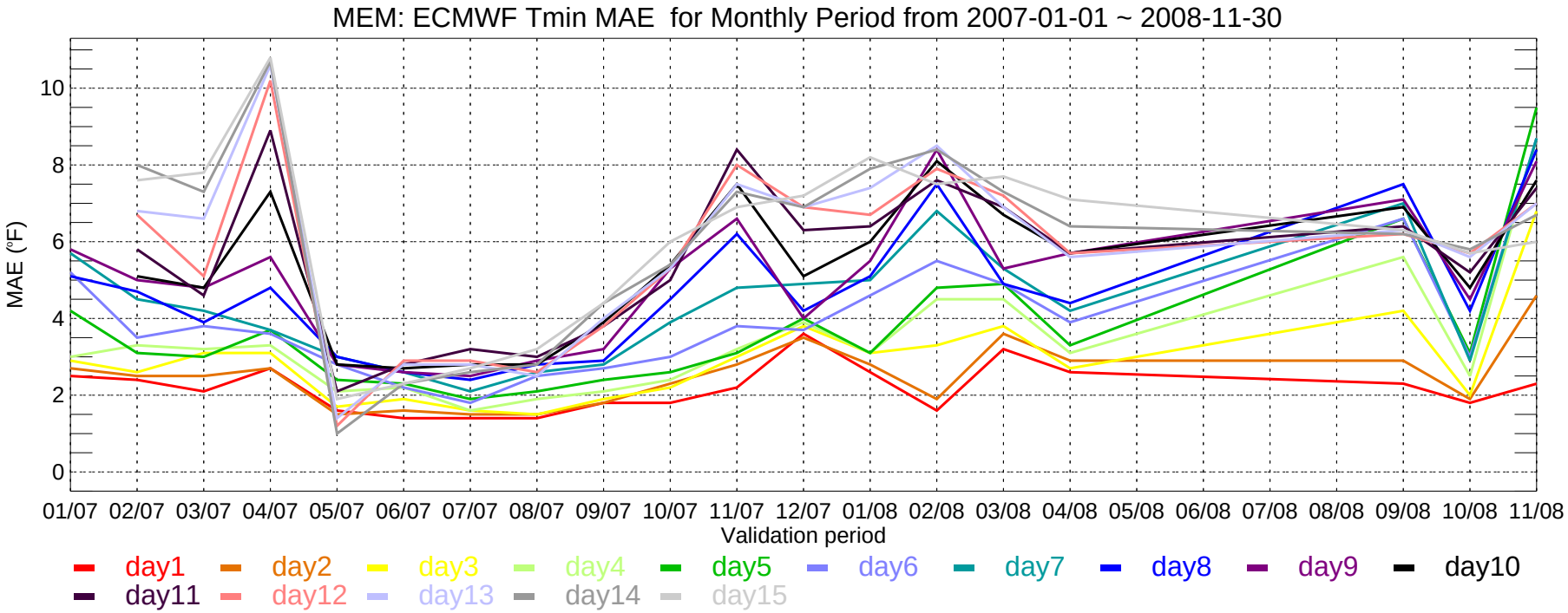

MDT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

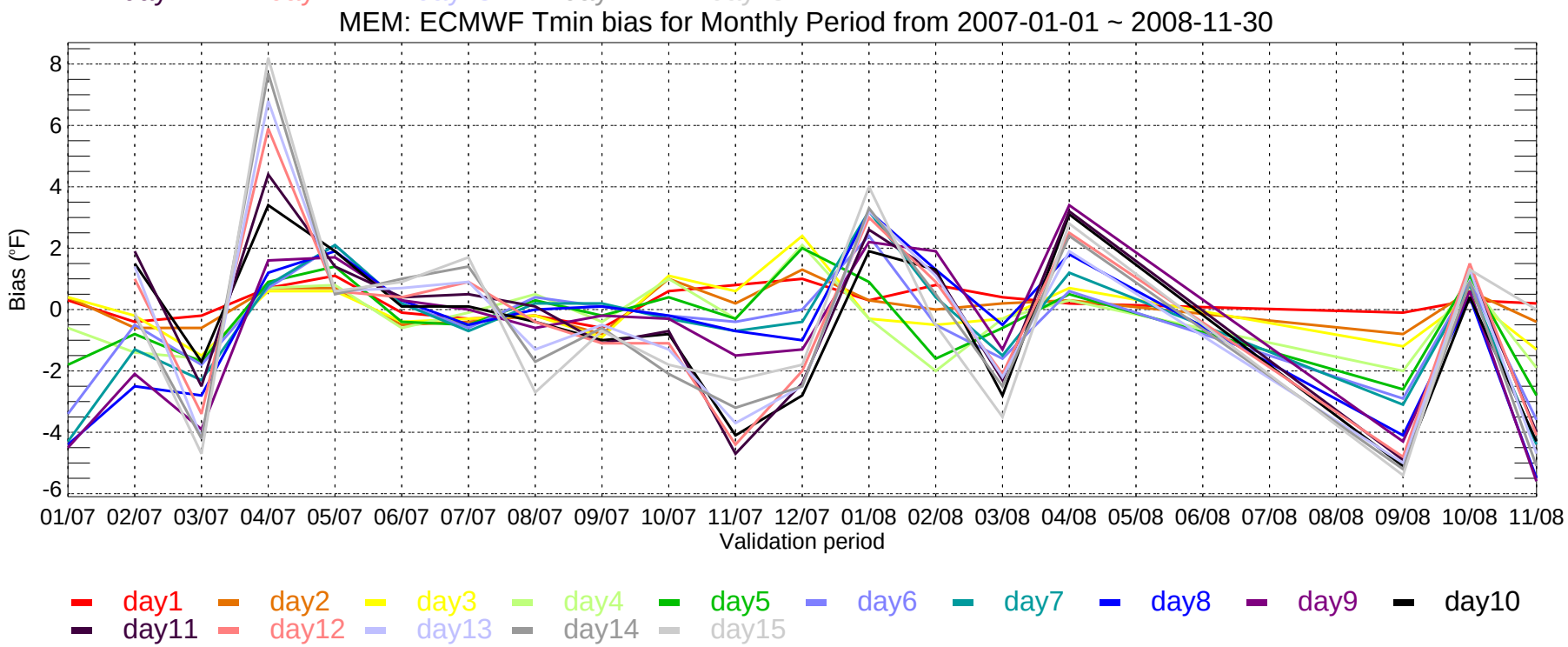

MDT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

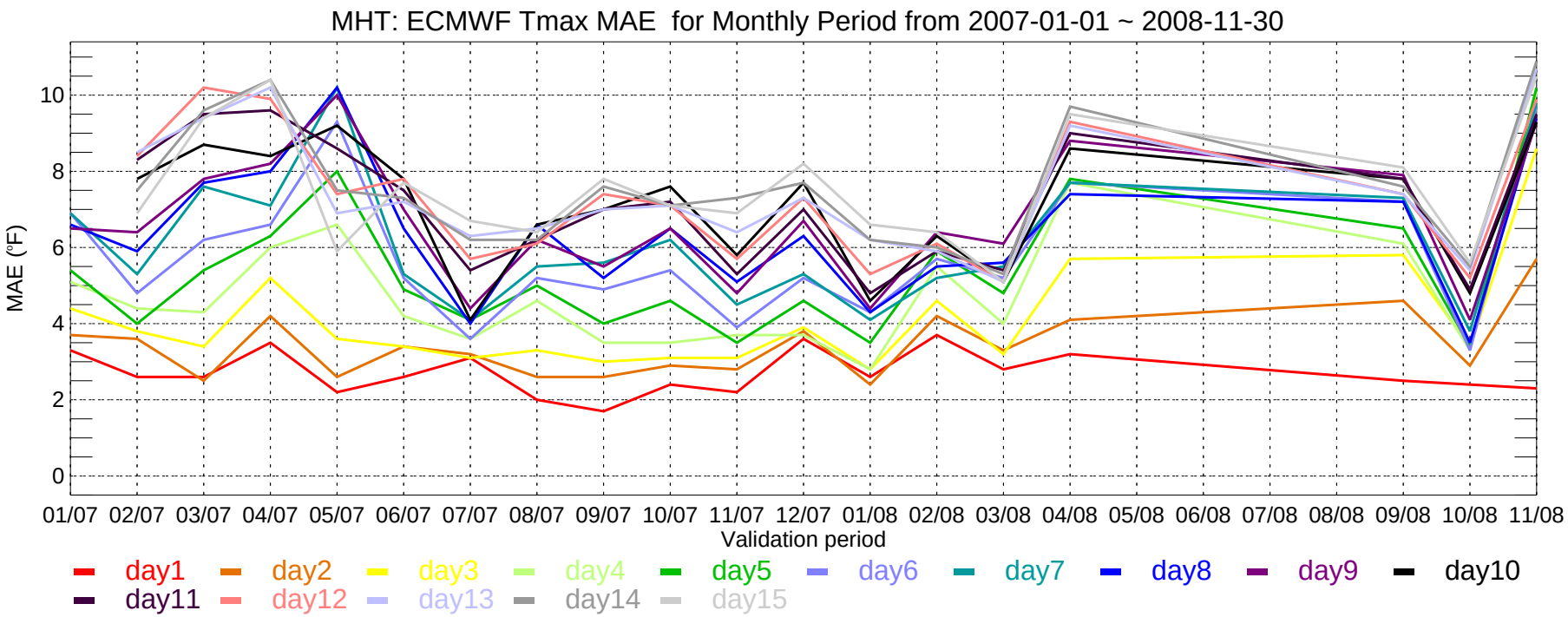

MDT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

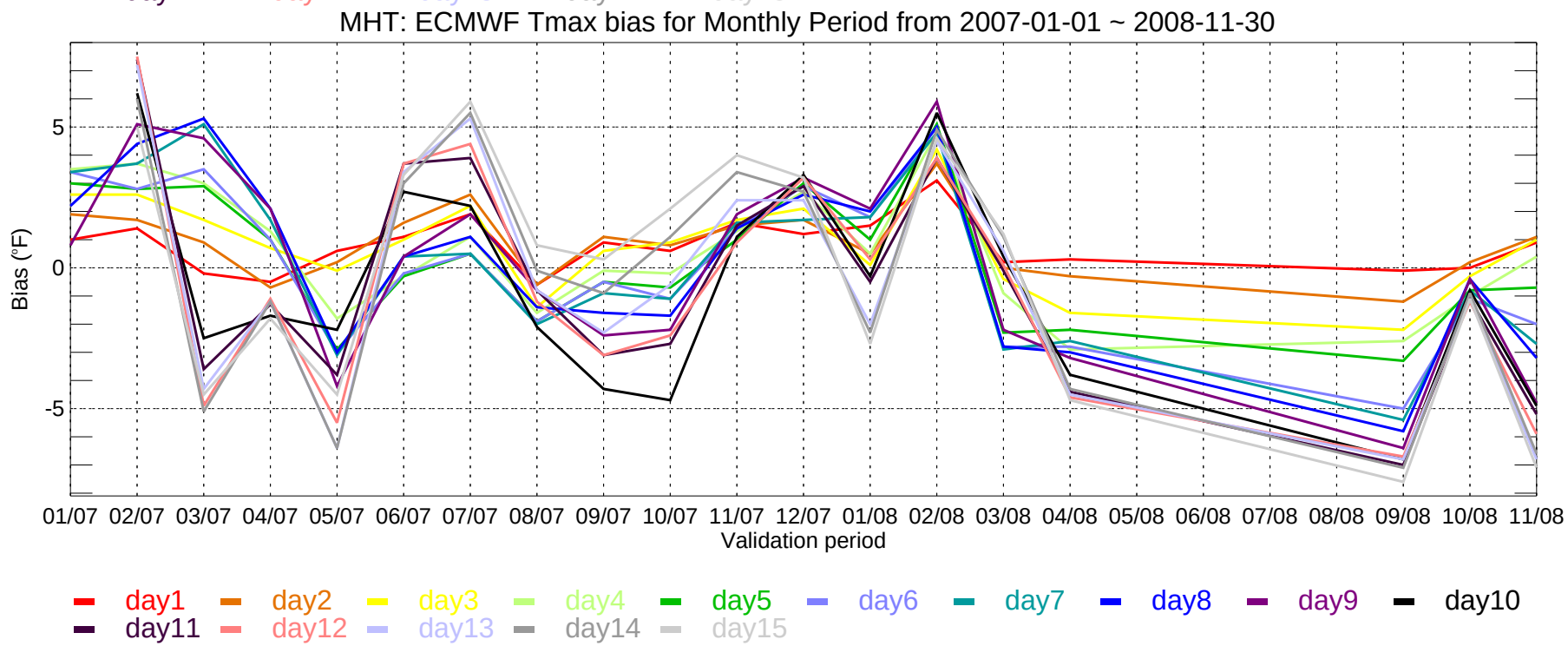

MEM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

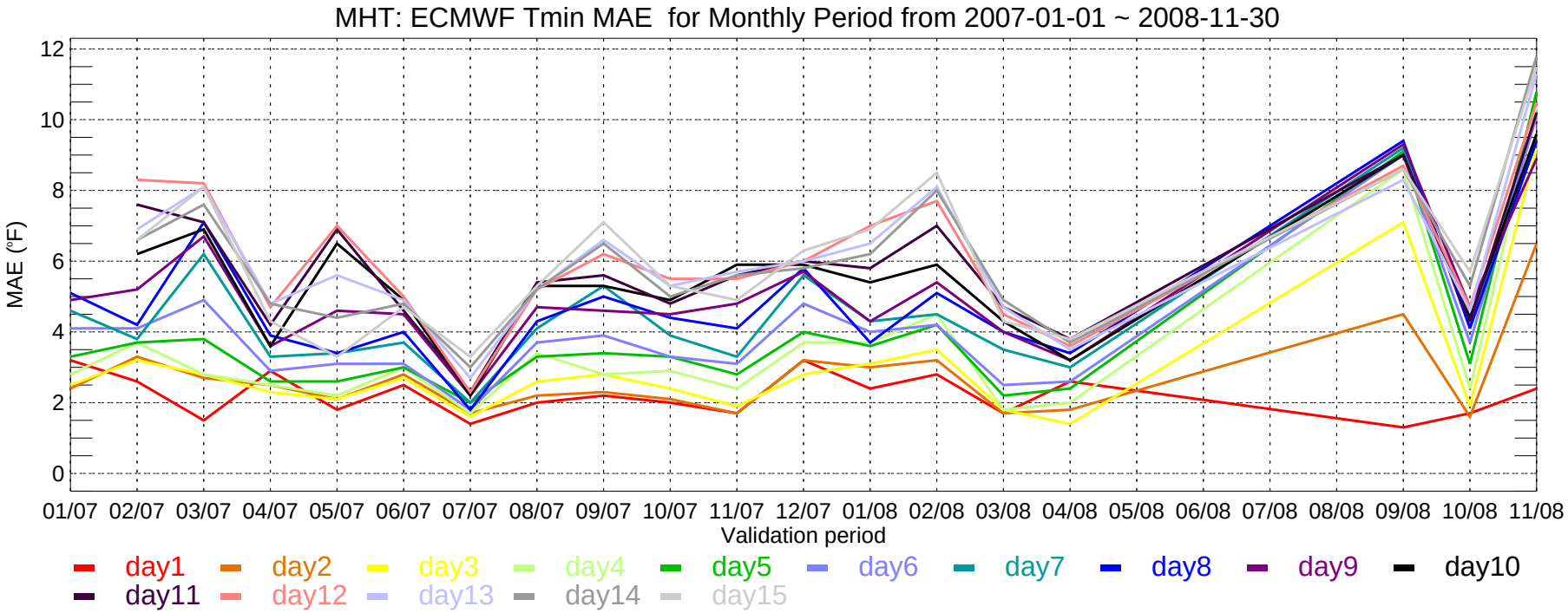

MEM: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

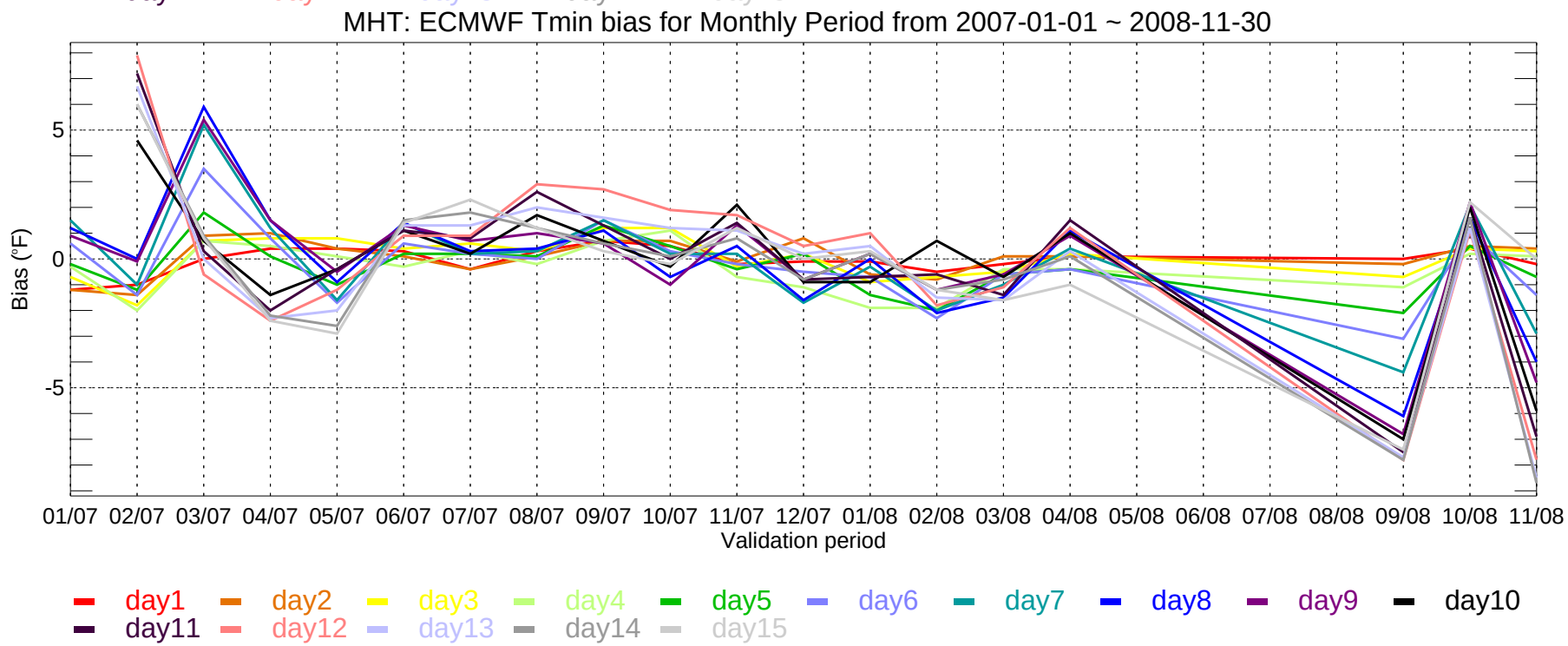

MEM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

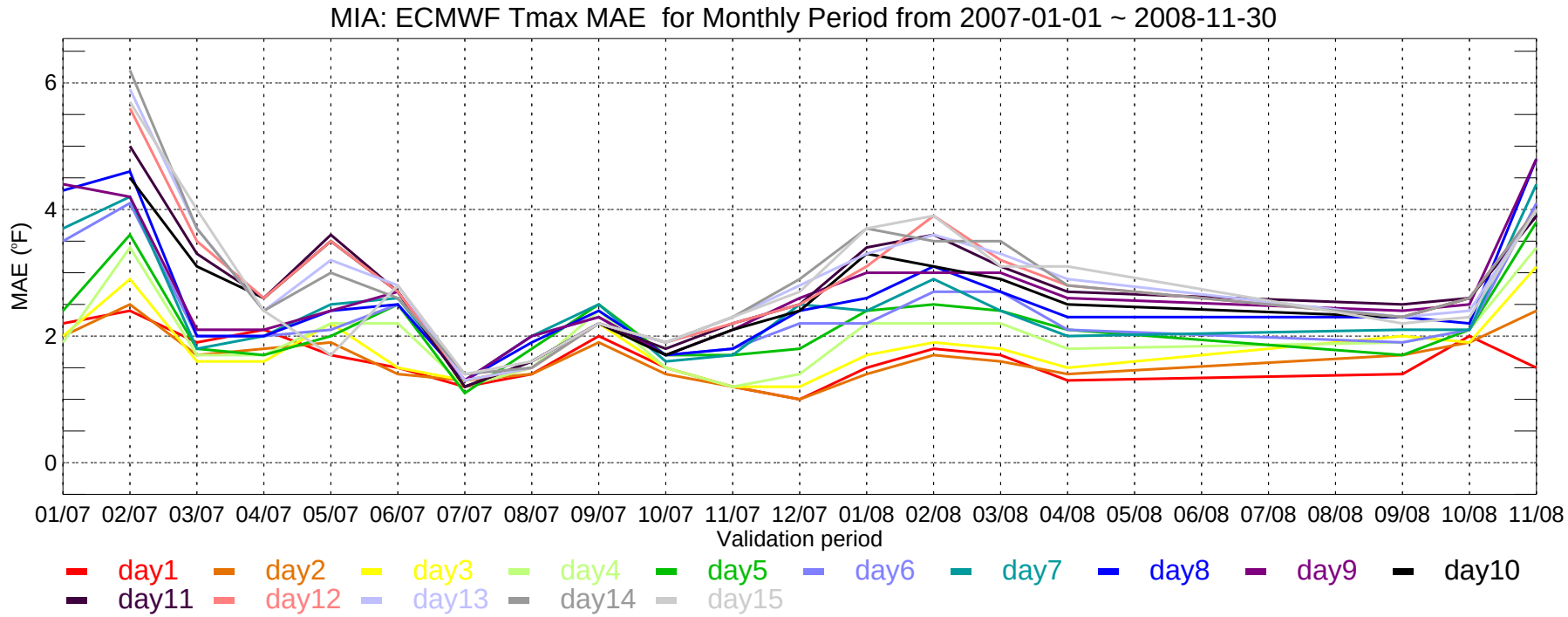

MEM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

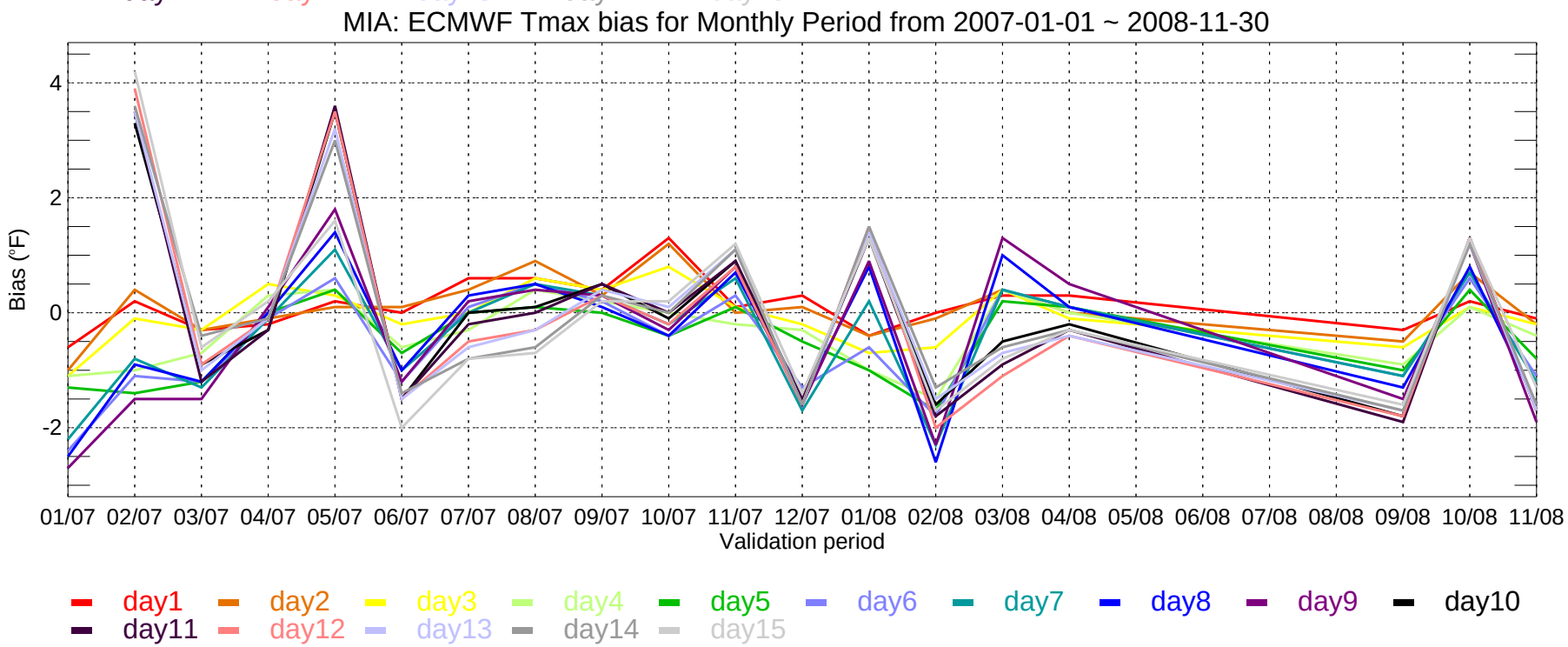

MHT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

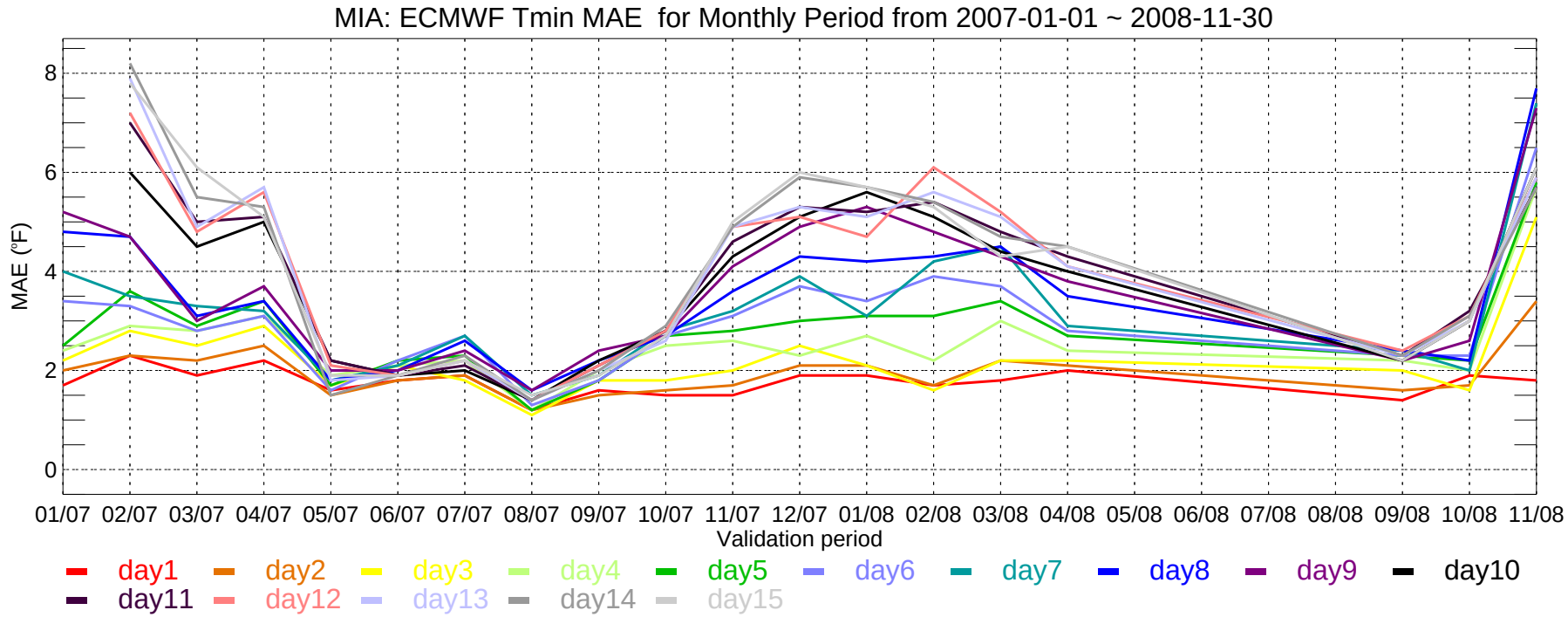

MHT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

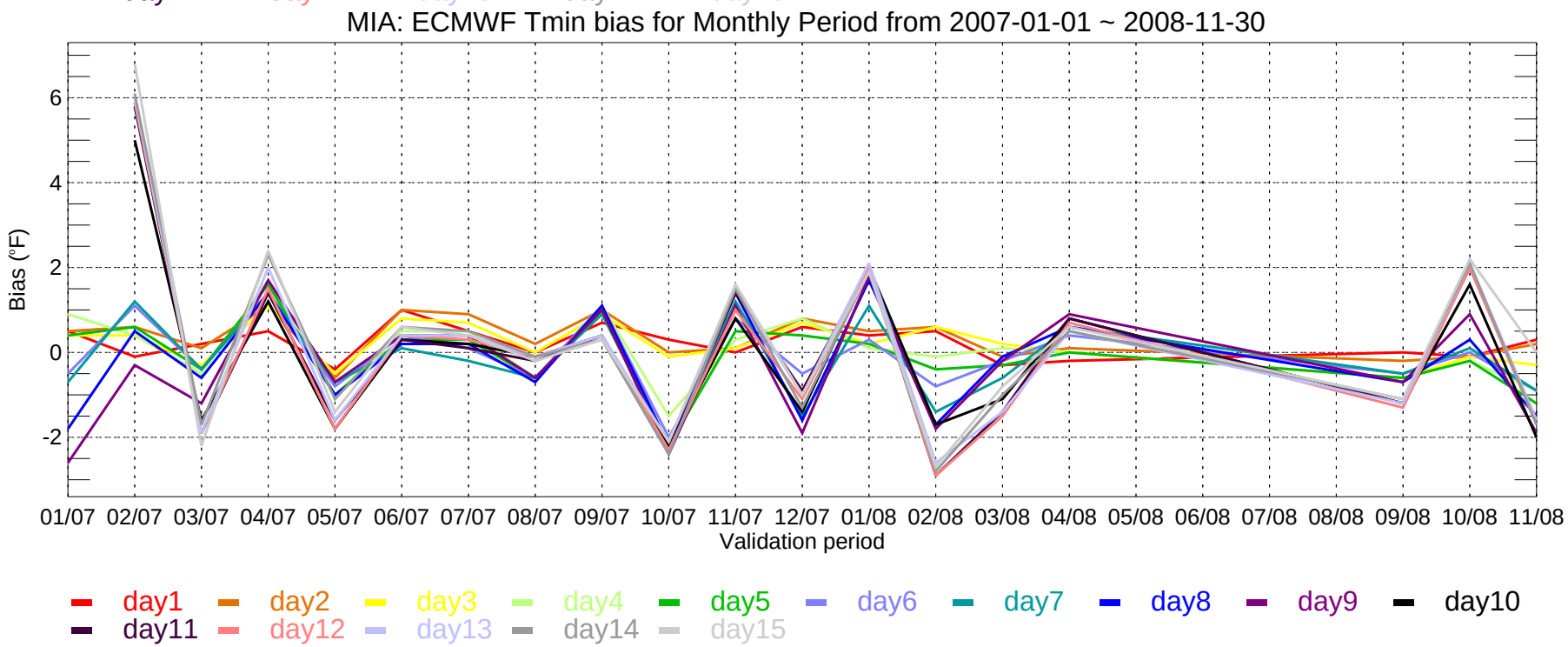

MHT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

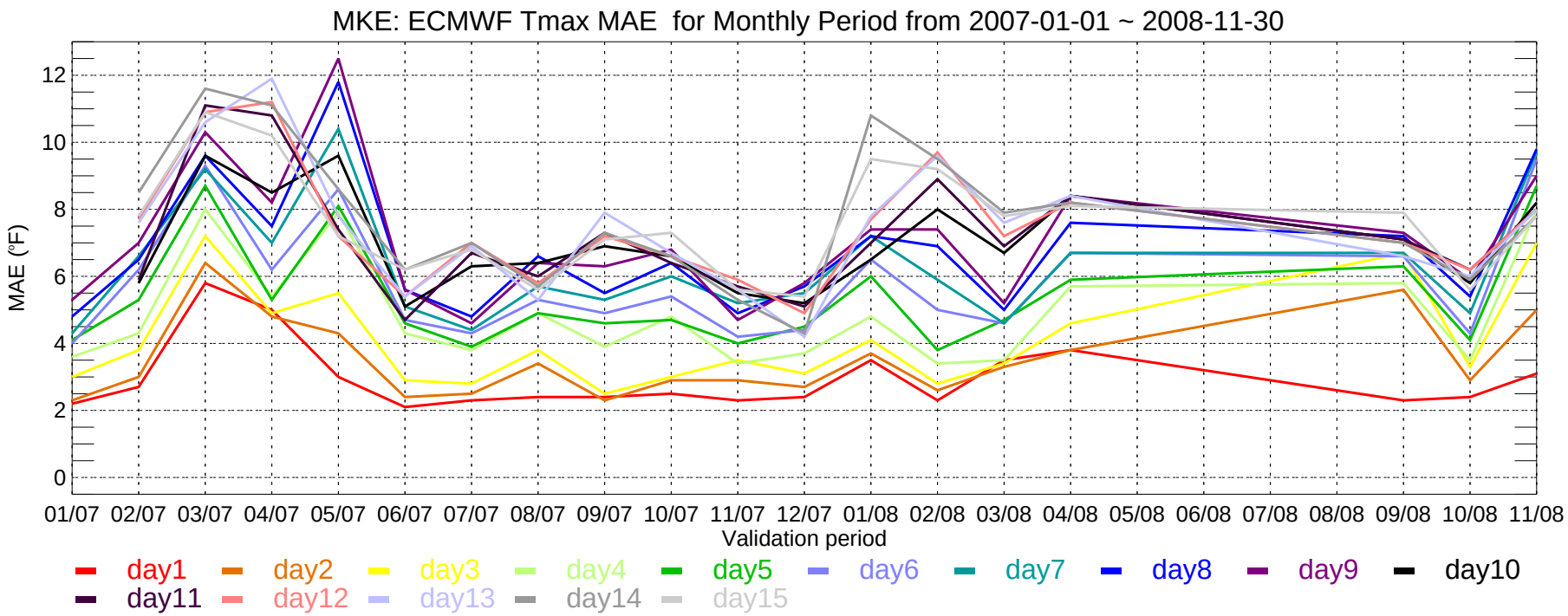

MHT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

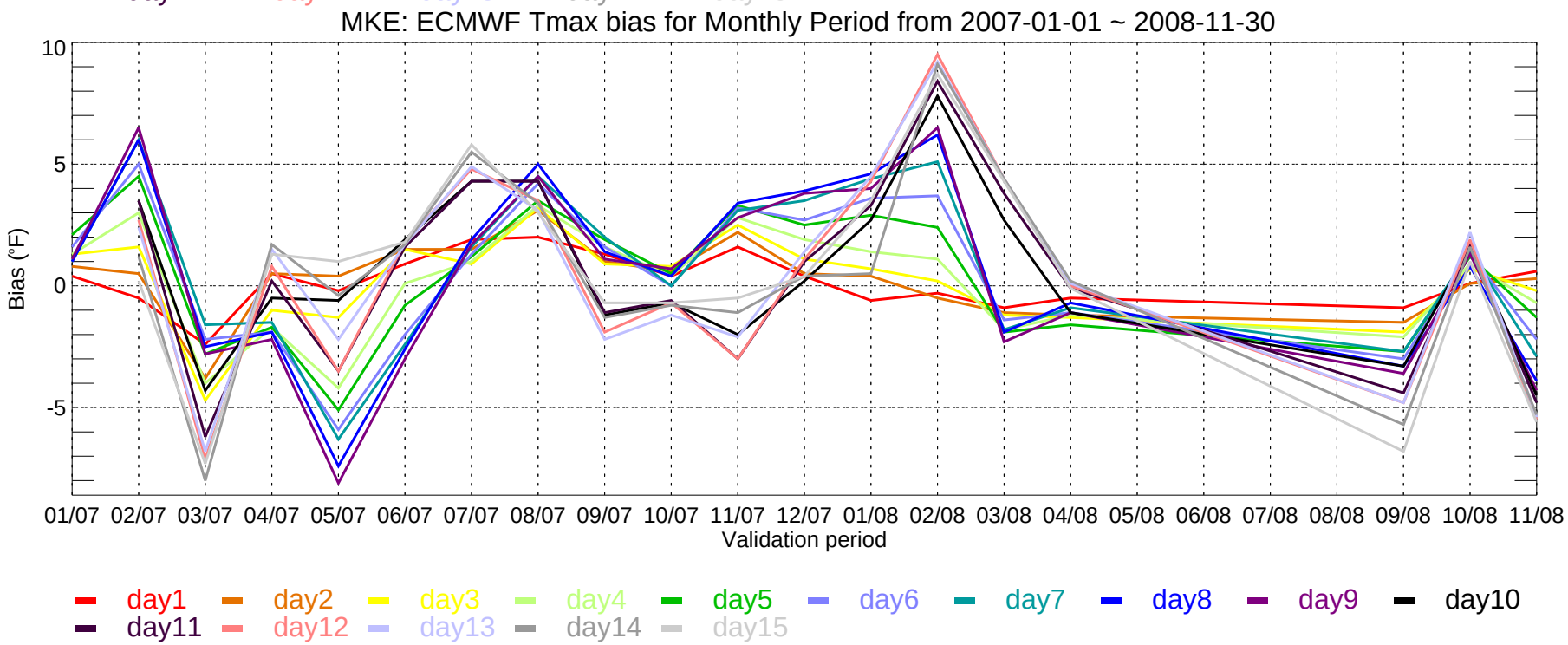

MIA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

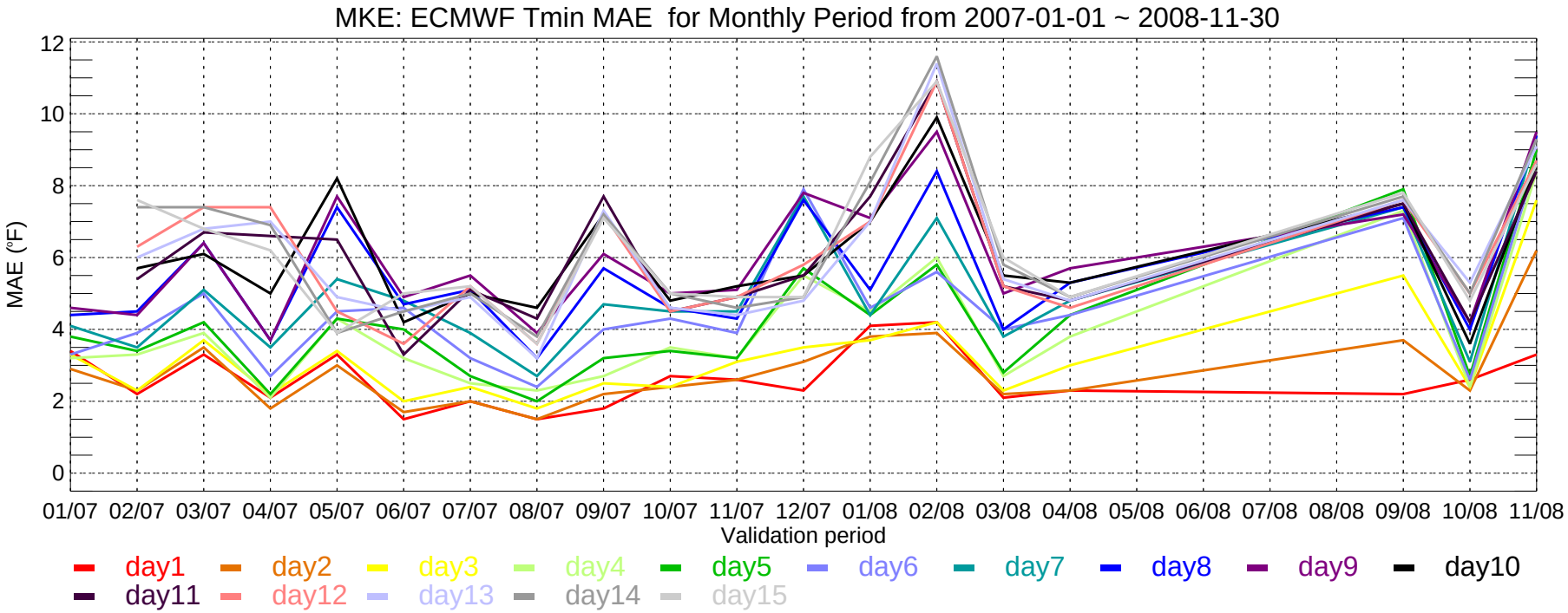

MIA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

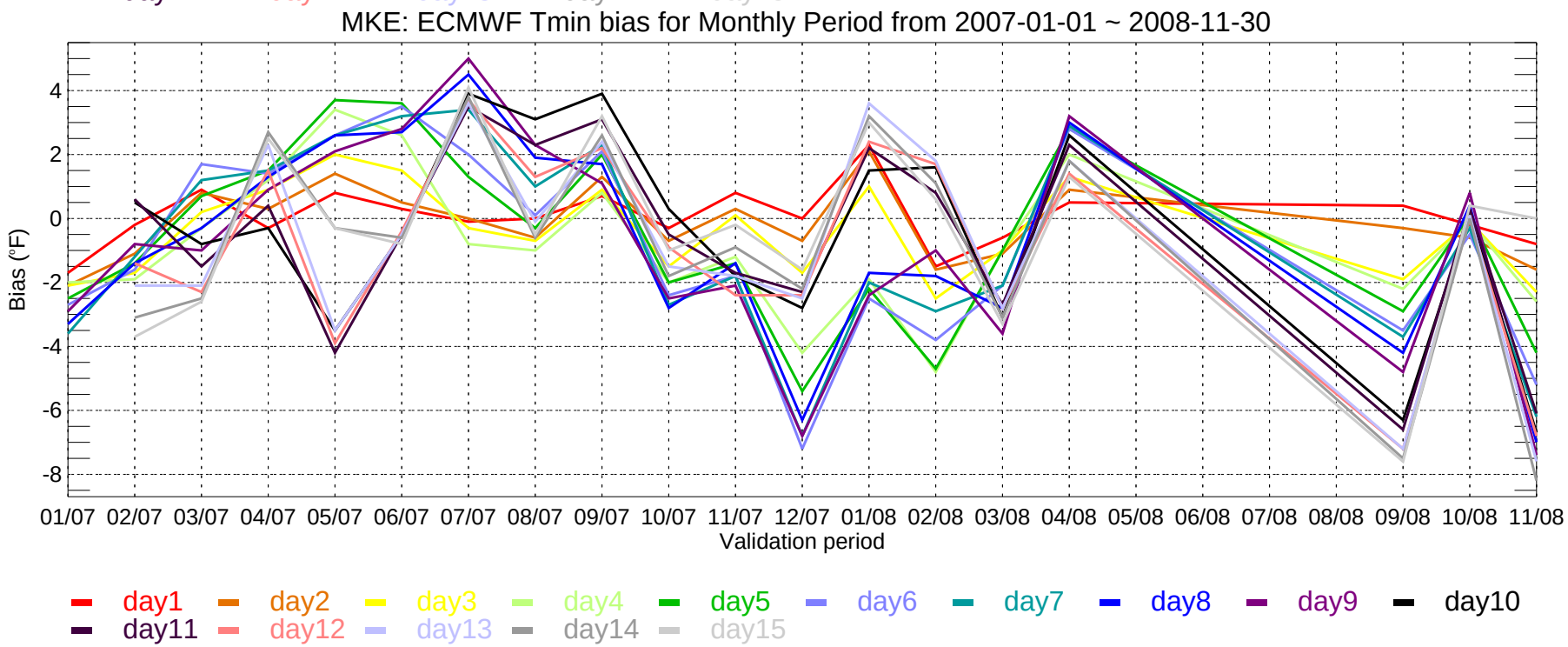

MIA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

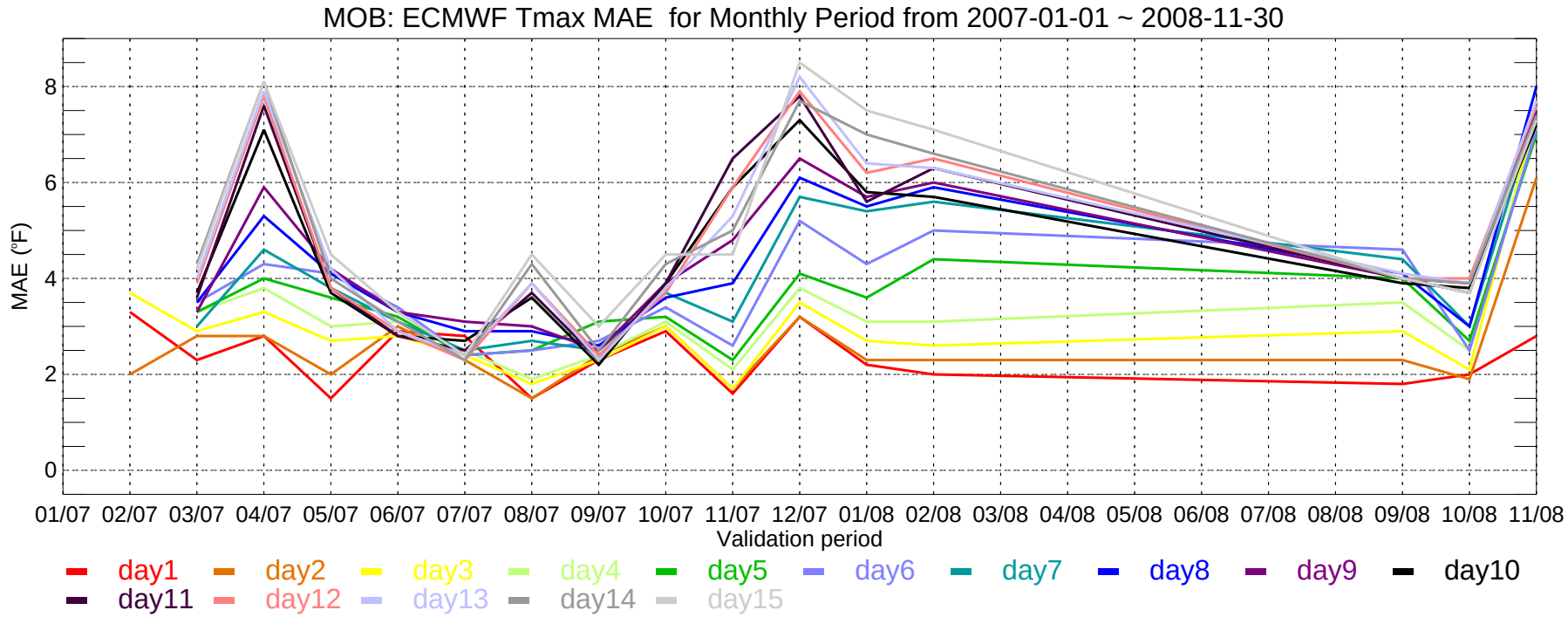

MIA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MKE: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MKE: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MKE: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MKE: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-8
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MOB: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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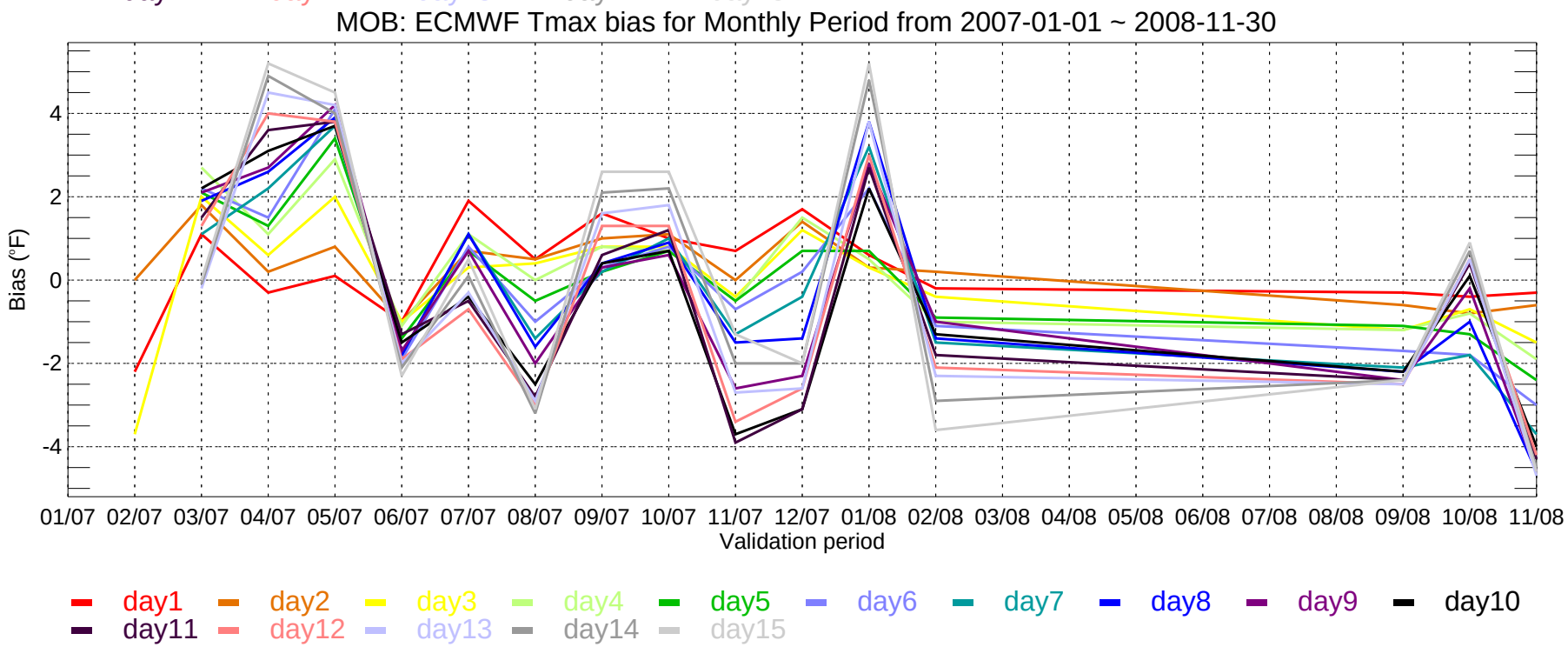
MOB: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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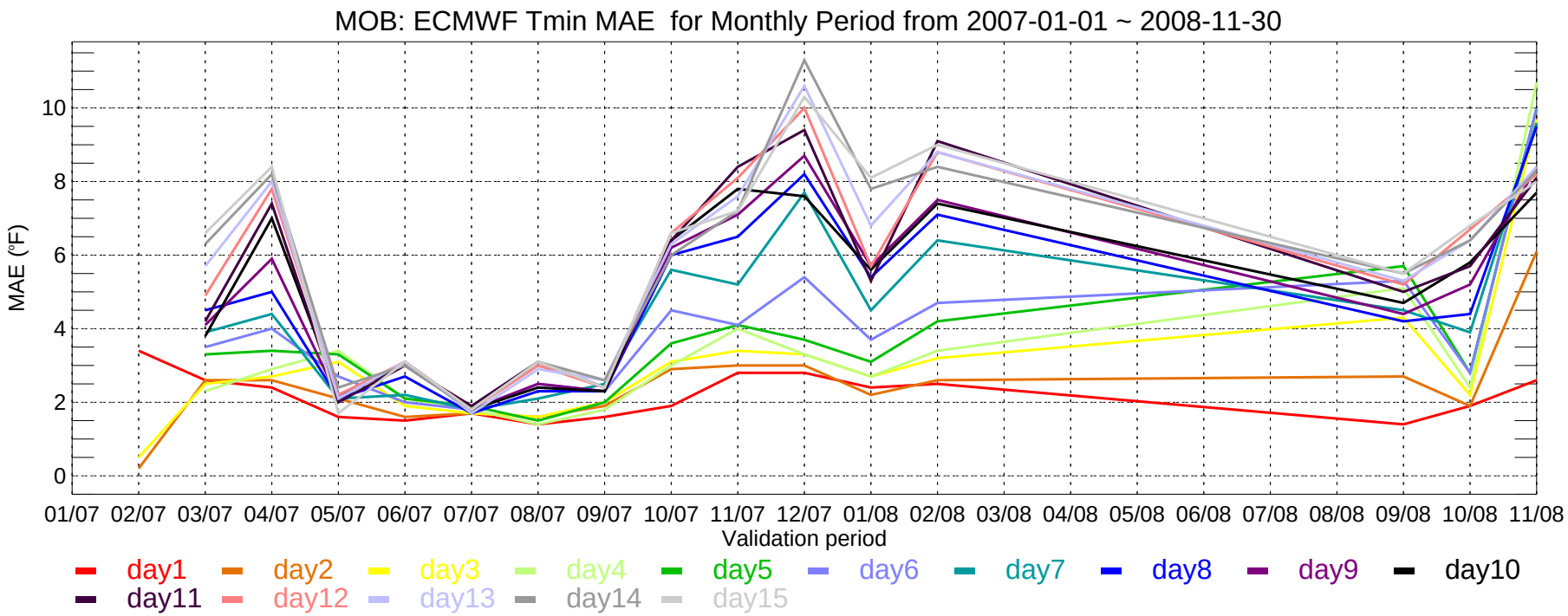
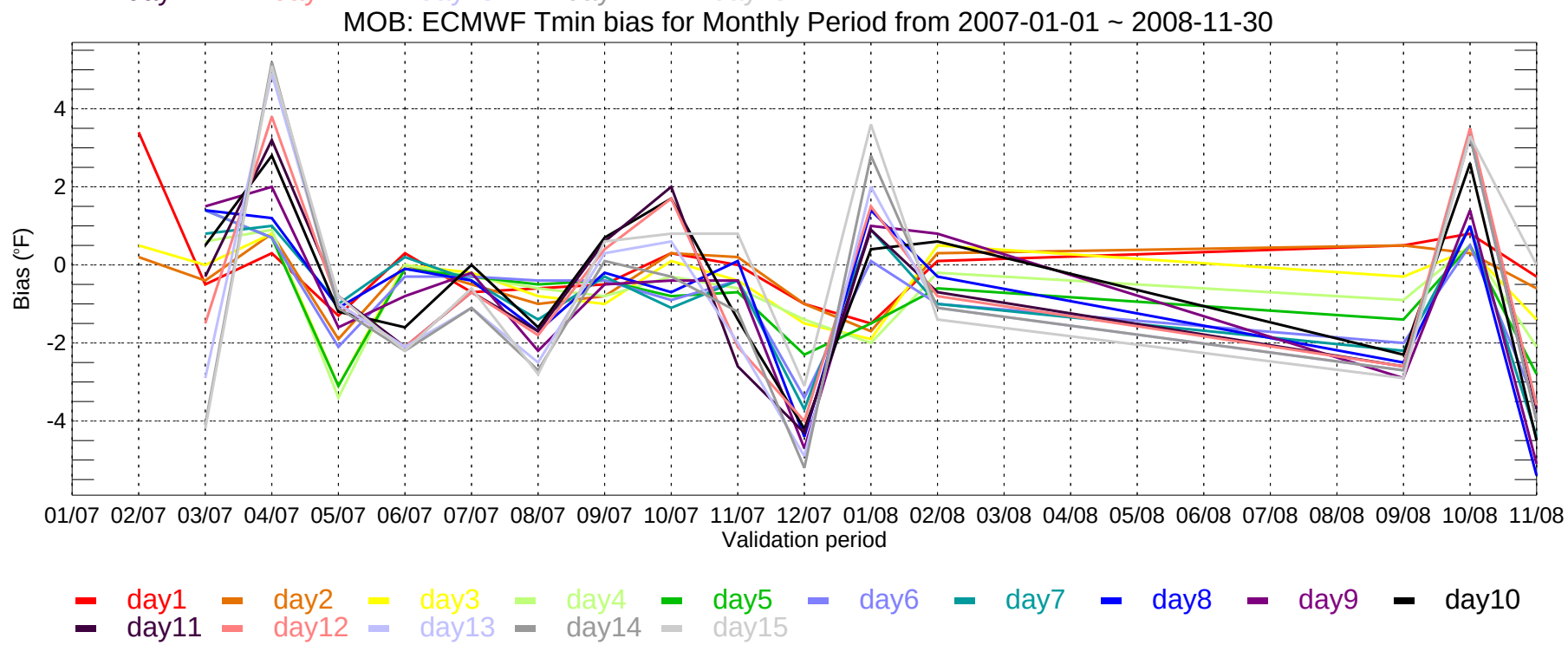
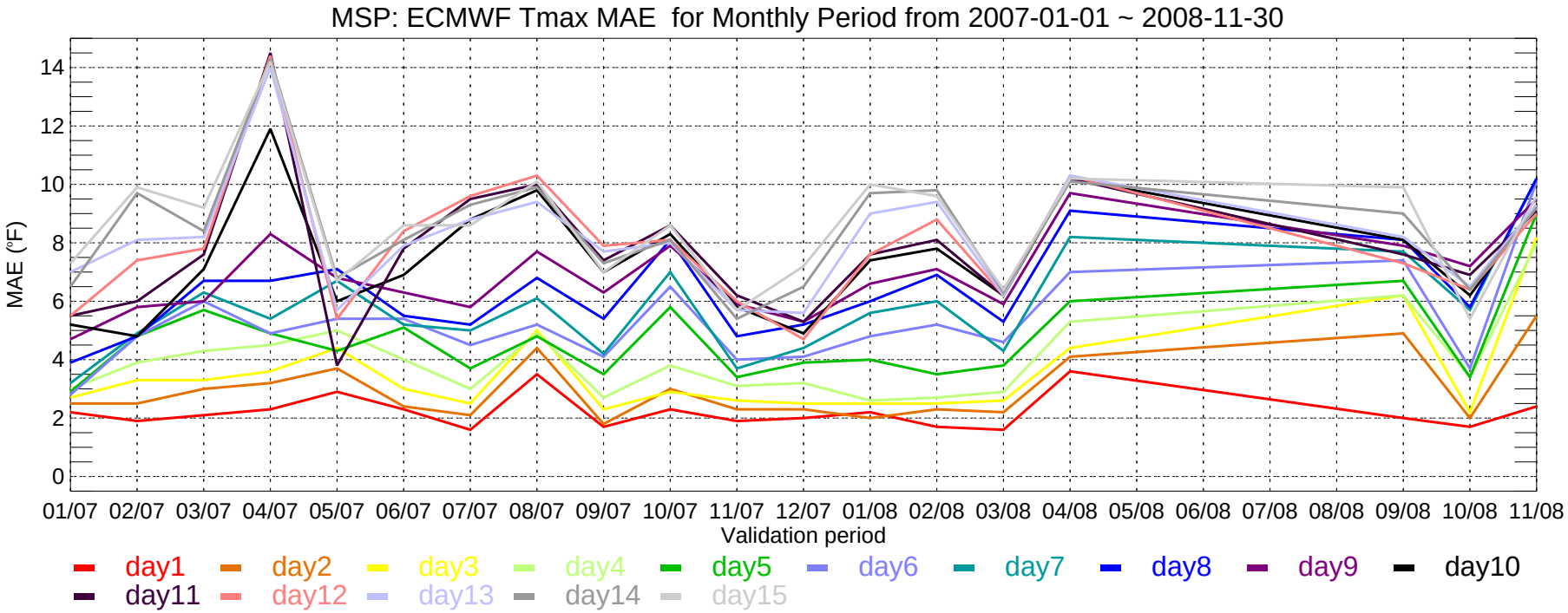
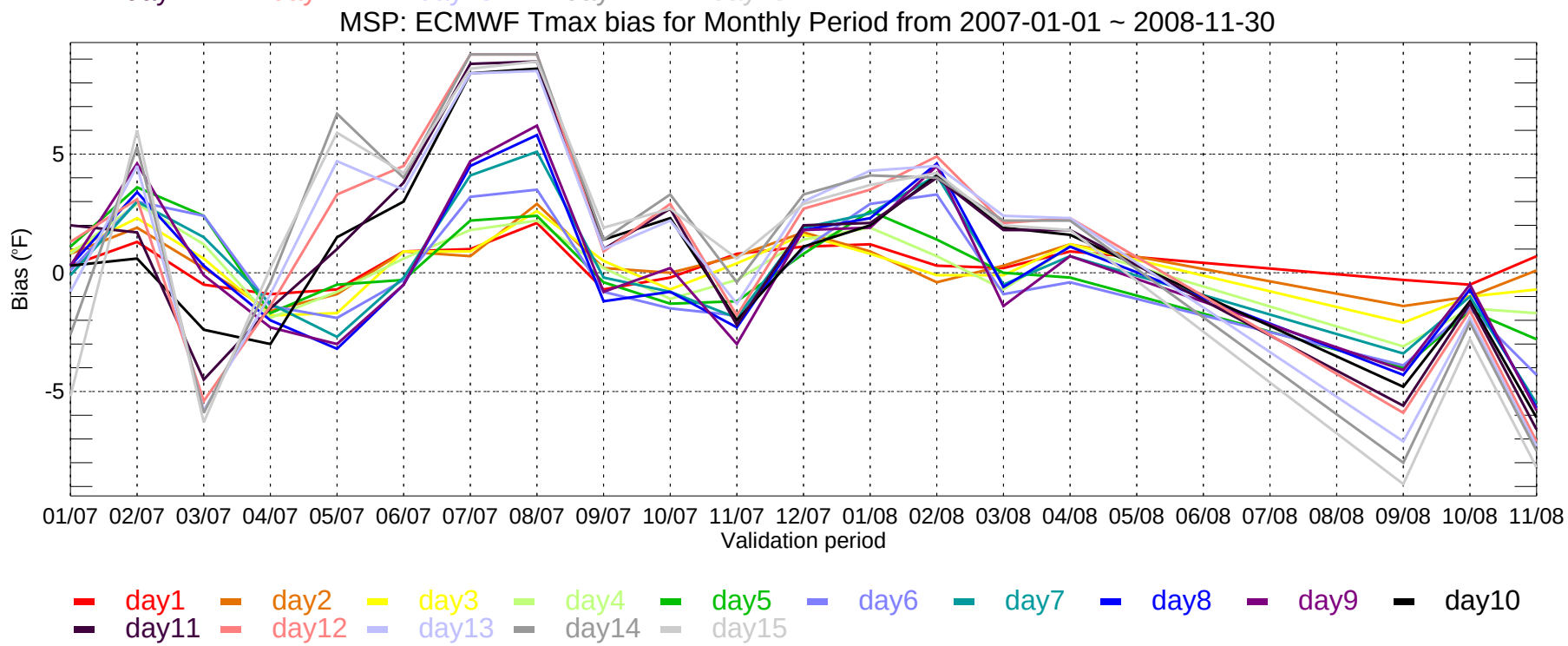
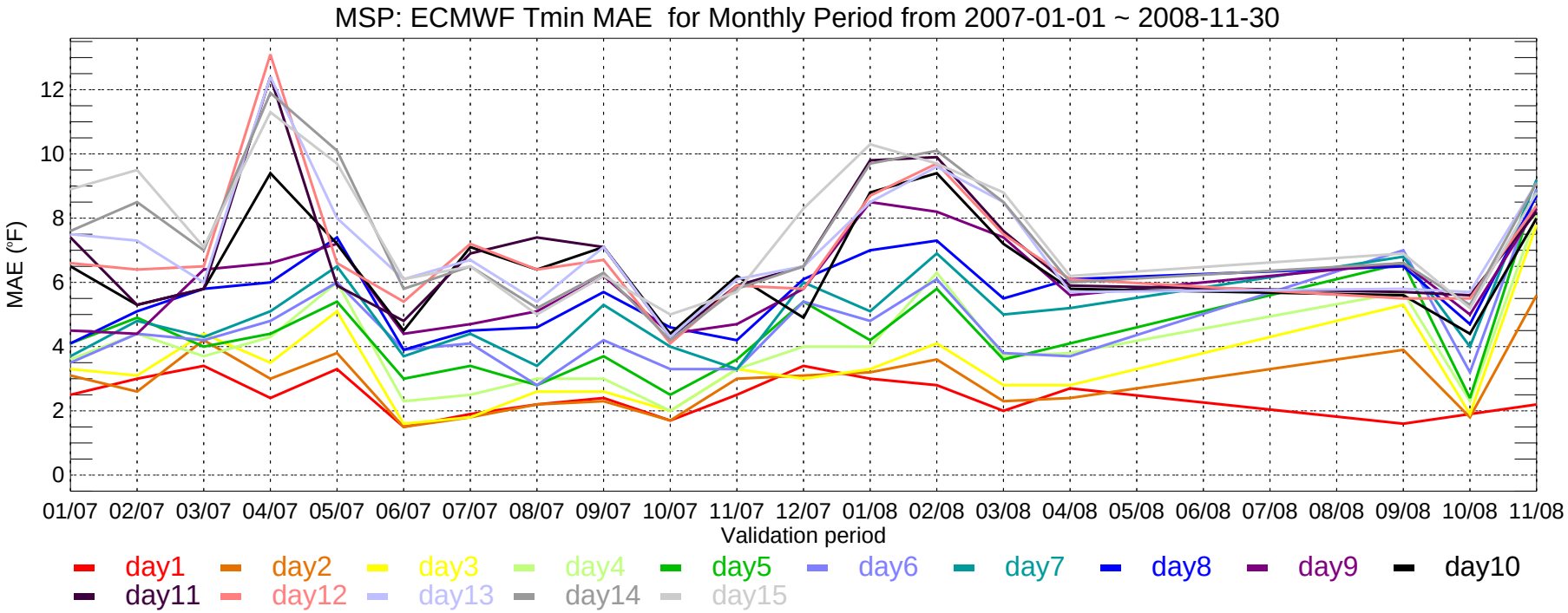
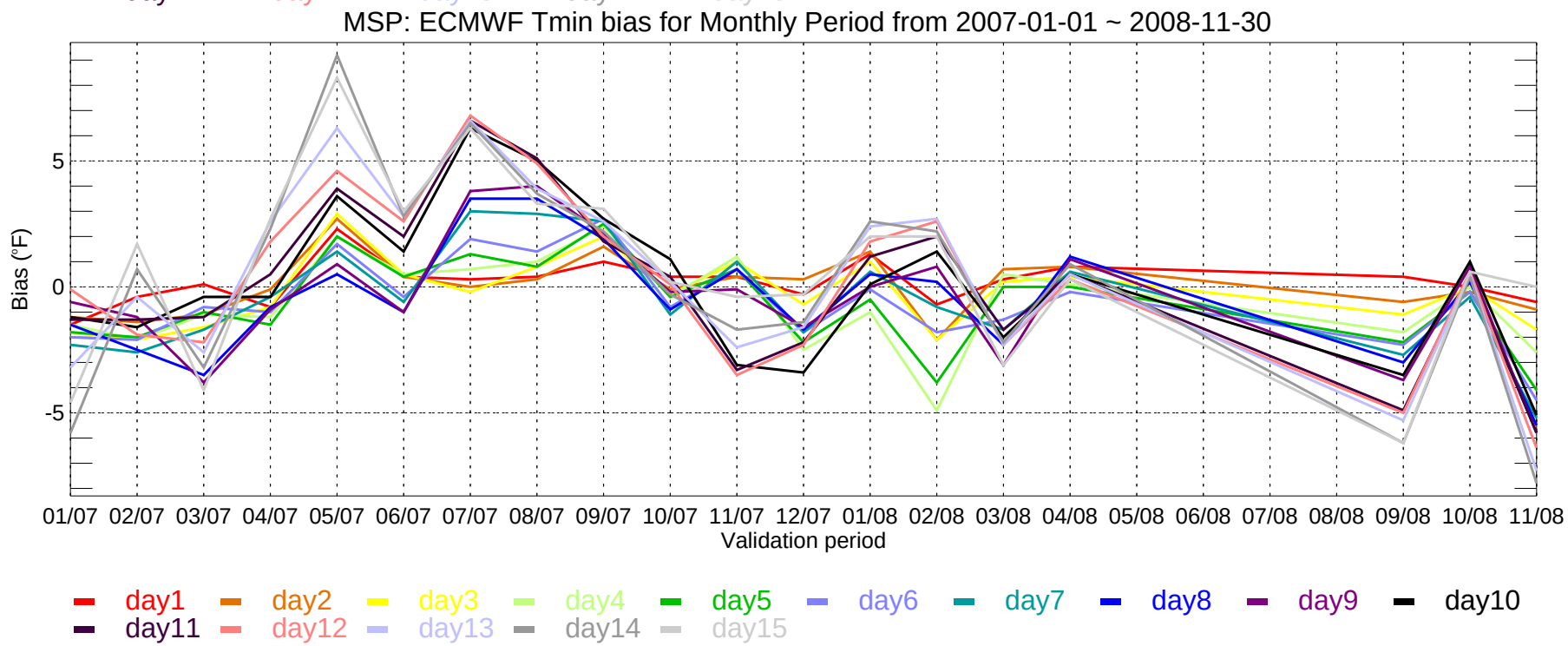

MOB: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

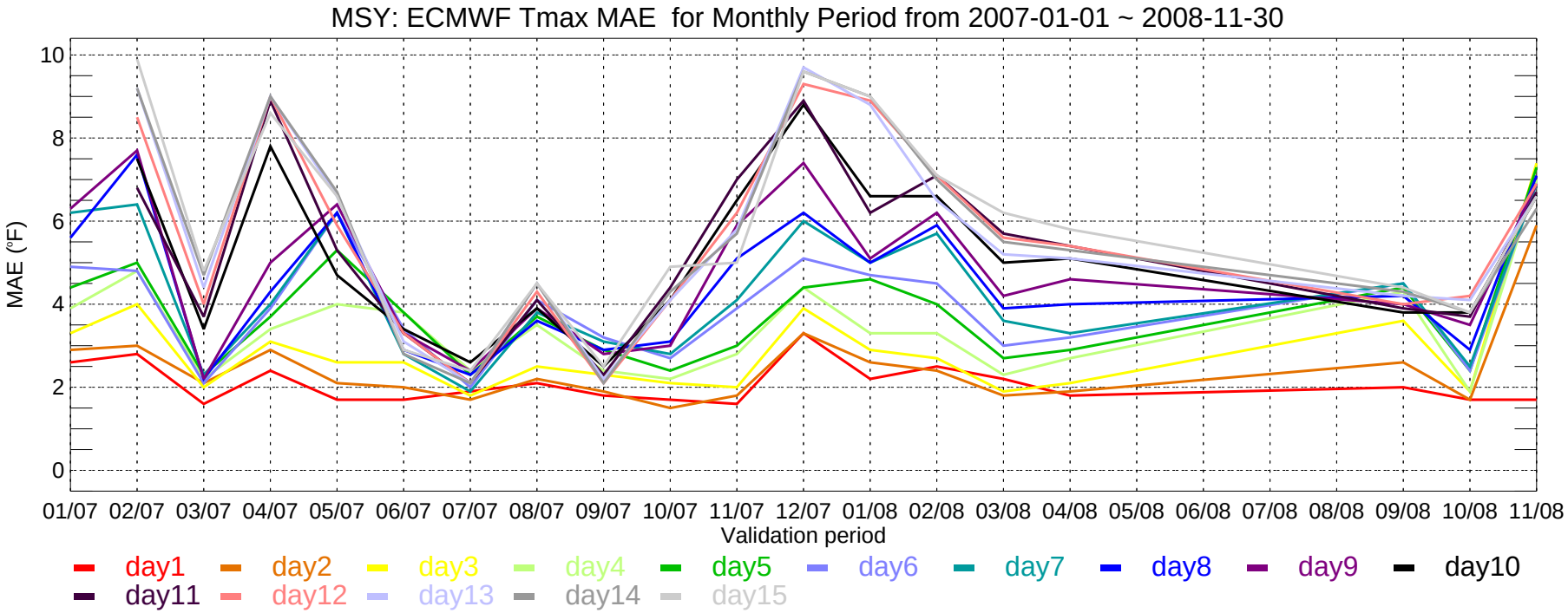

MOB: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

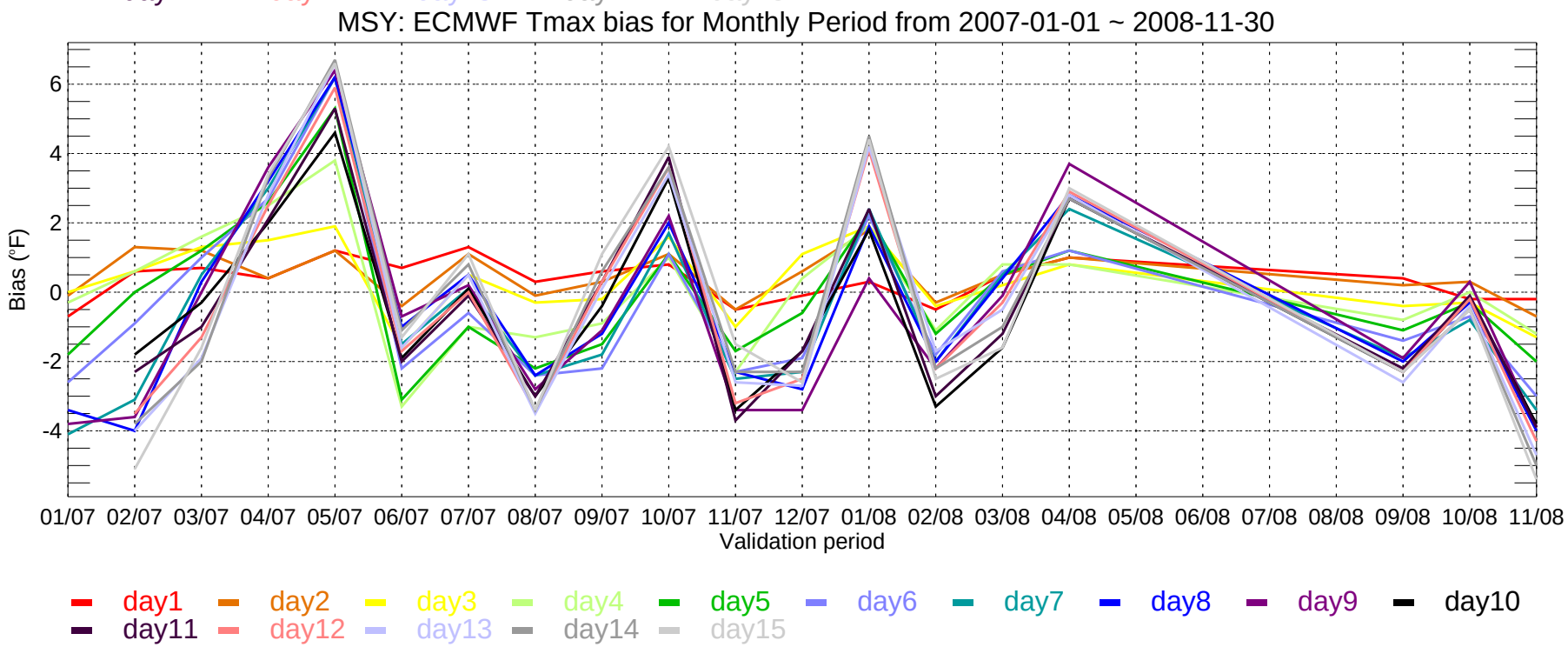

MSP: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

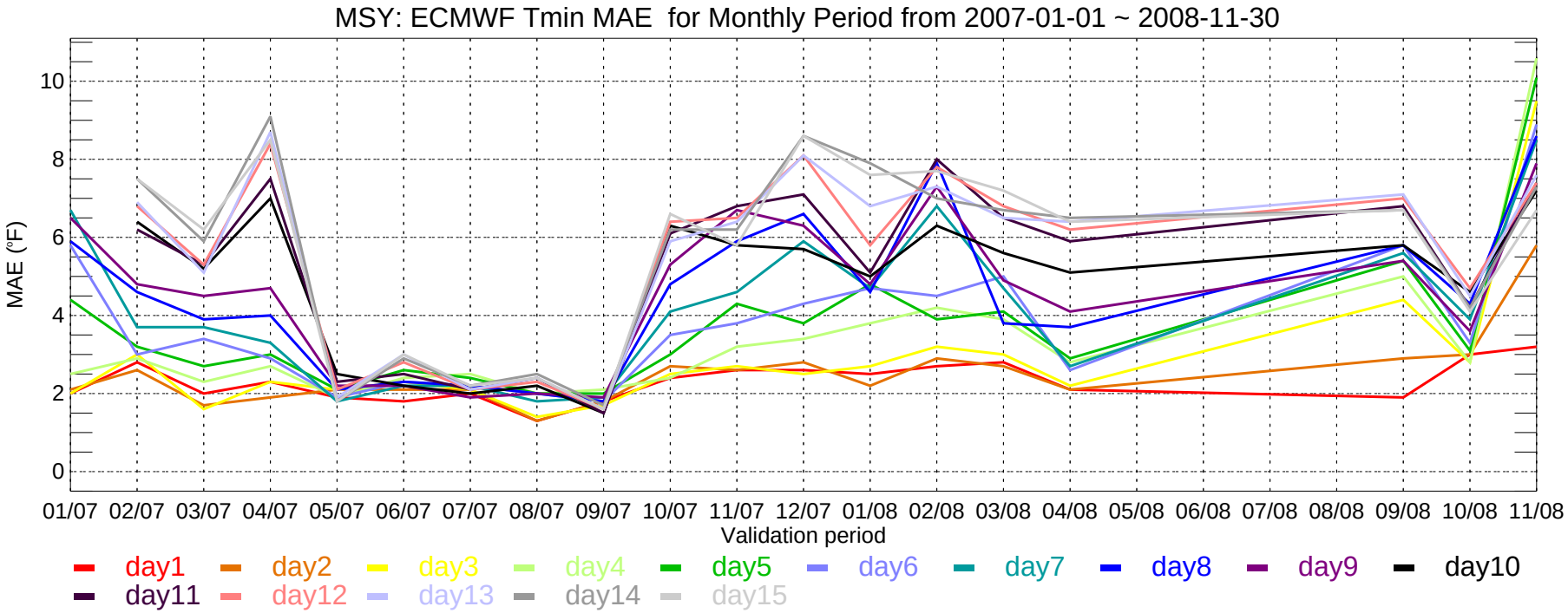

MSP: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

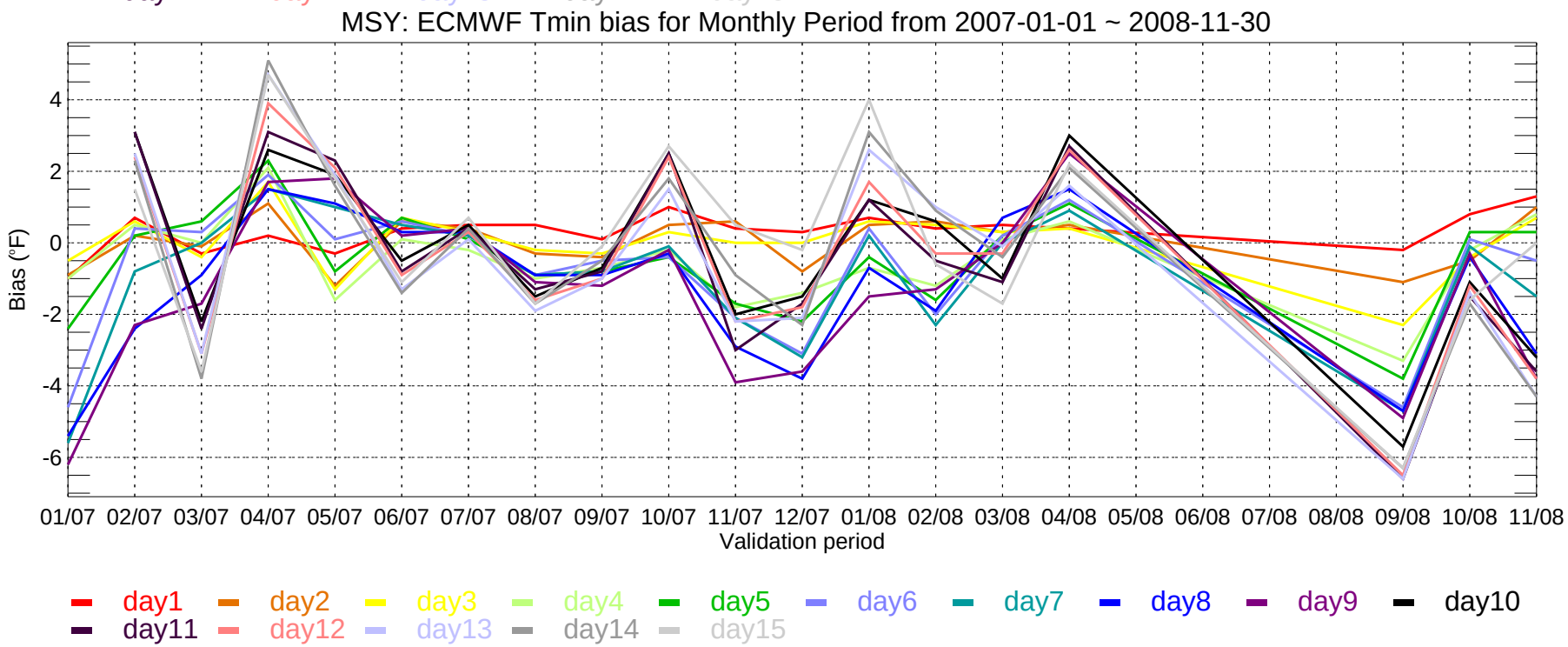

MSP: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

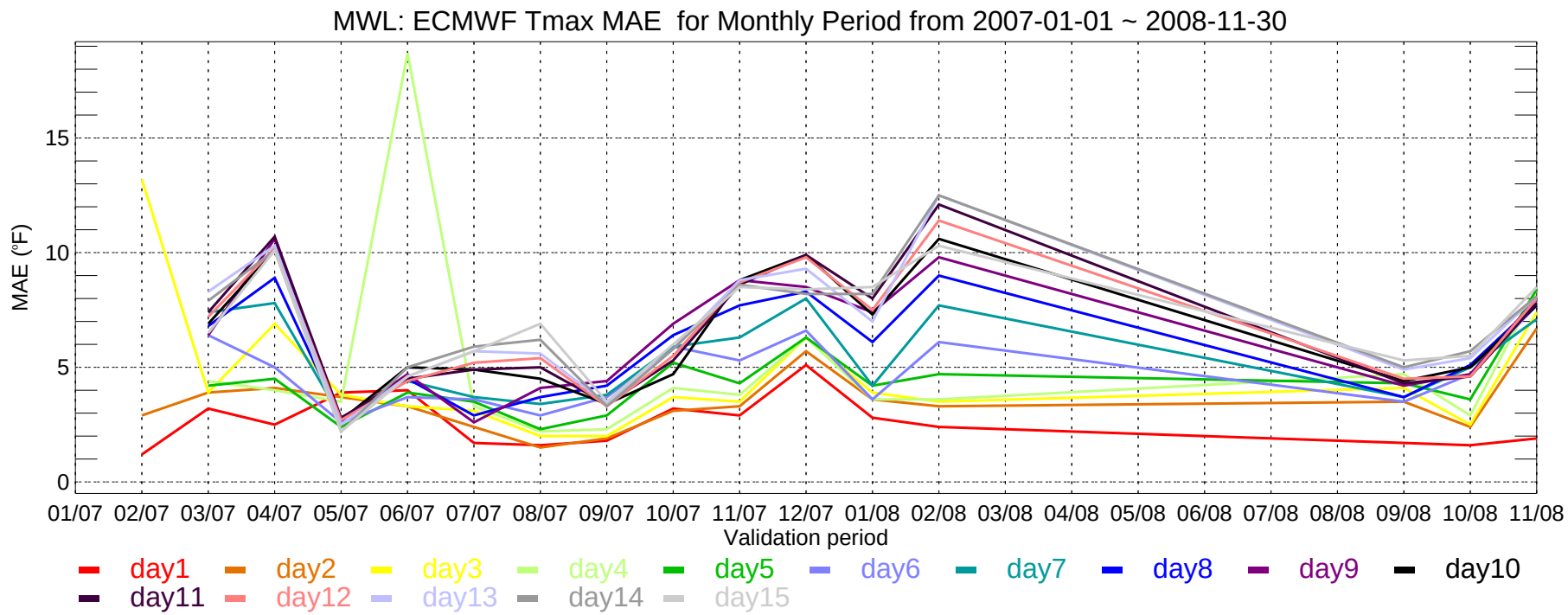

MSP: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MSY: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MSY: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MSY: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


MWL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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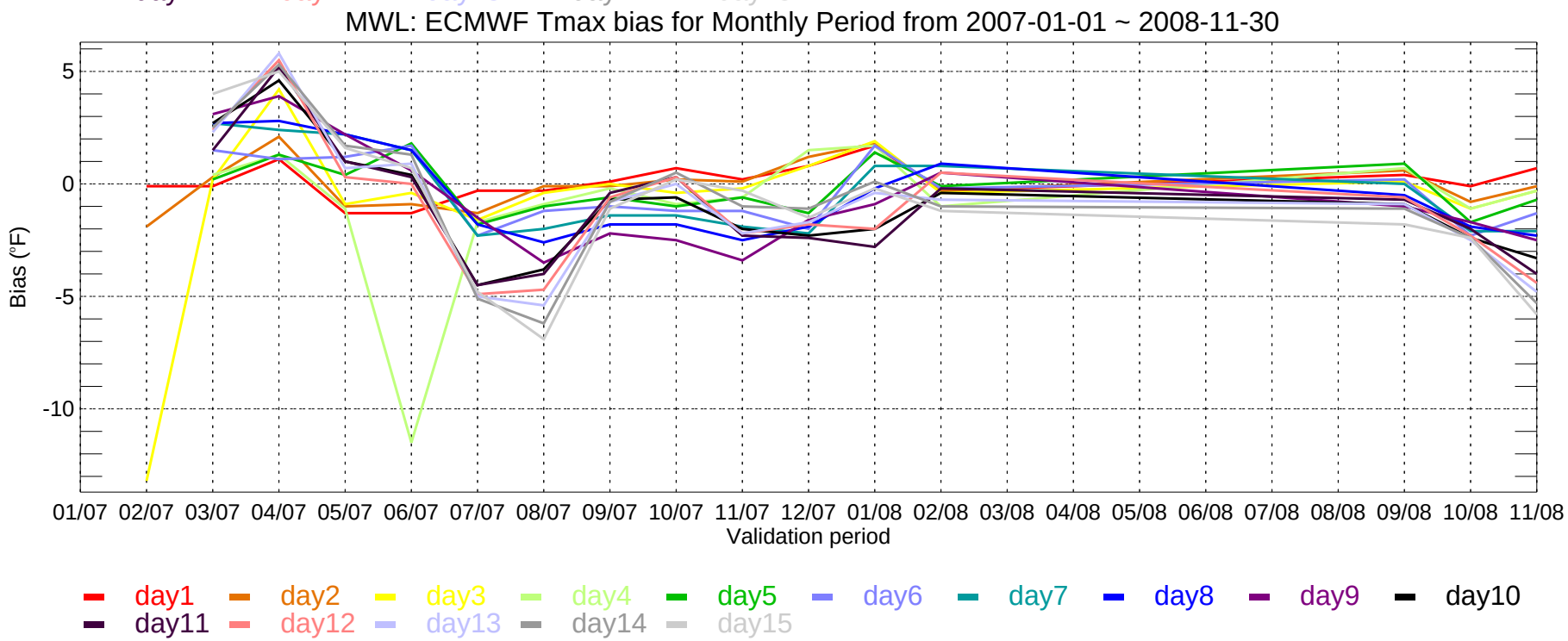
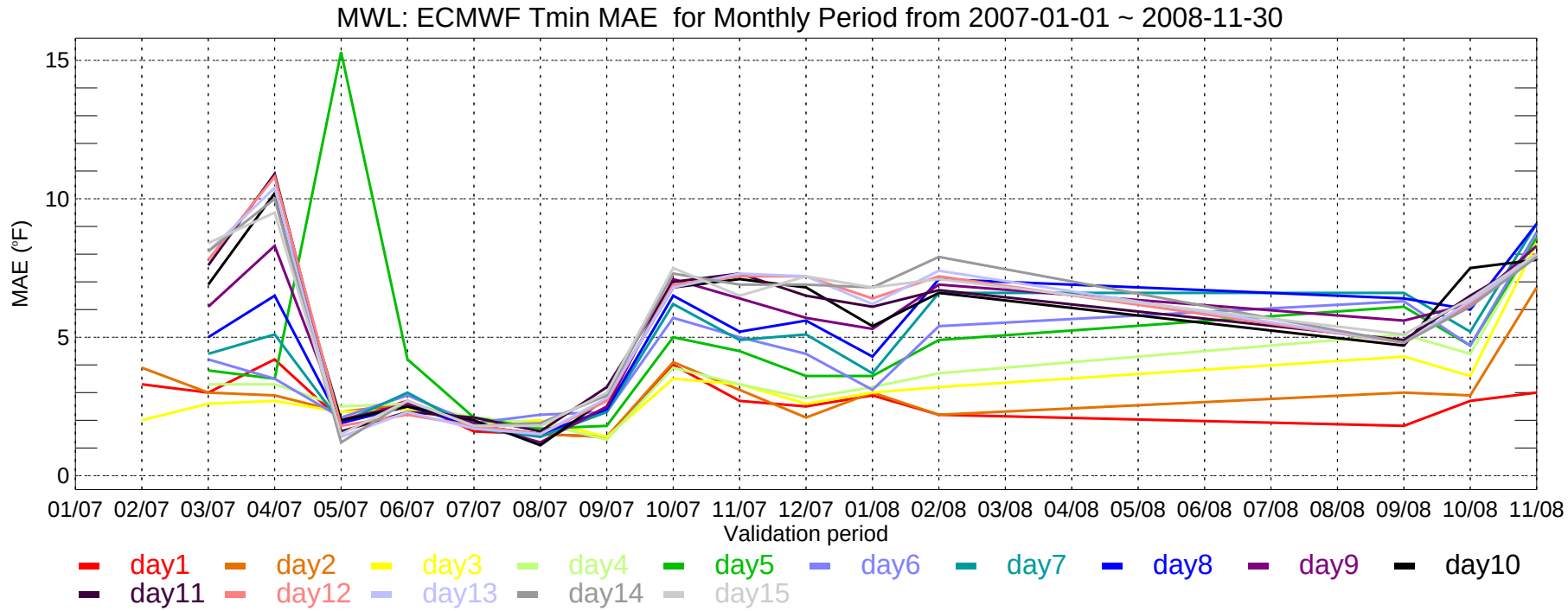
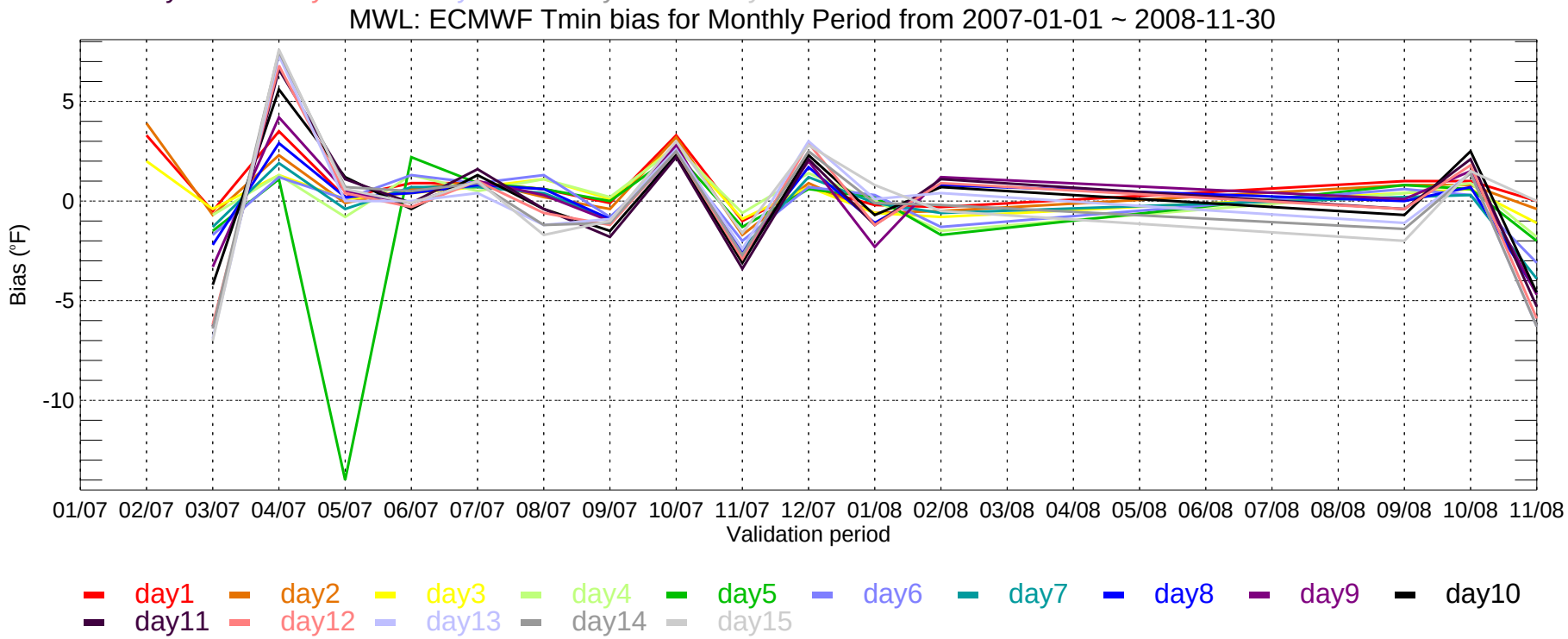
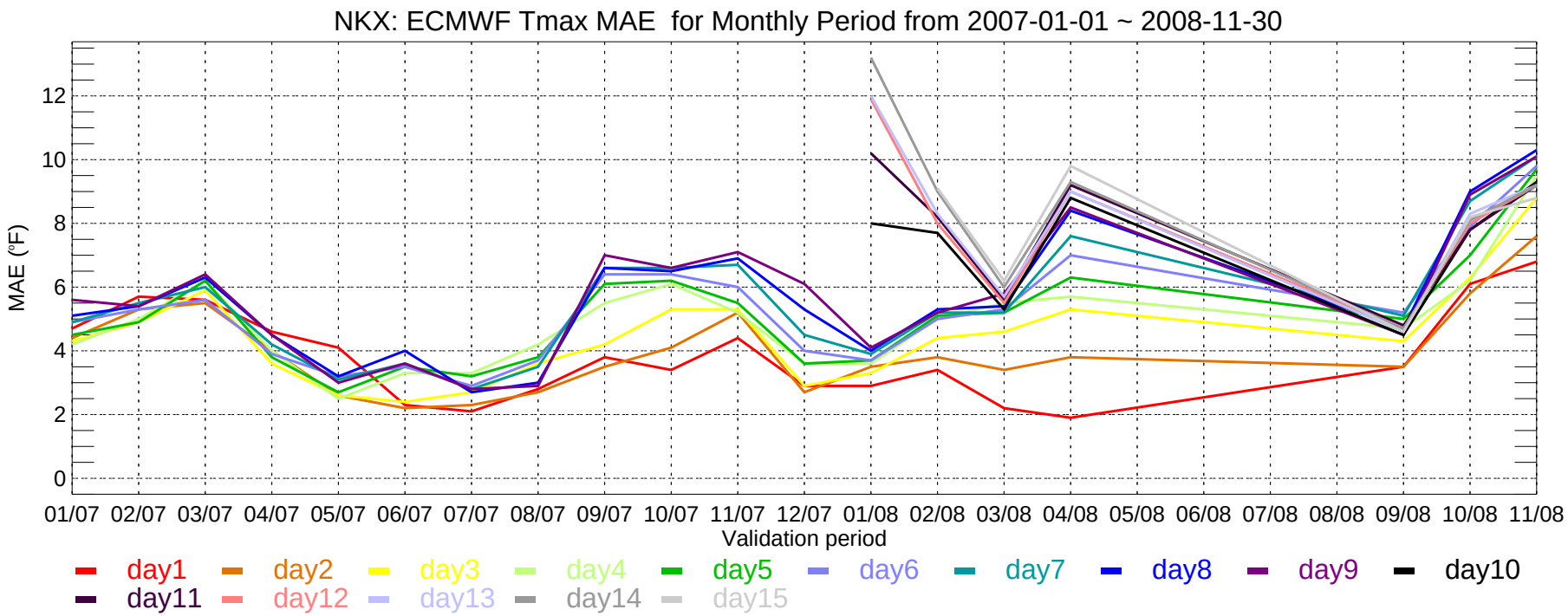
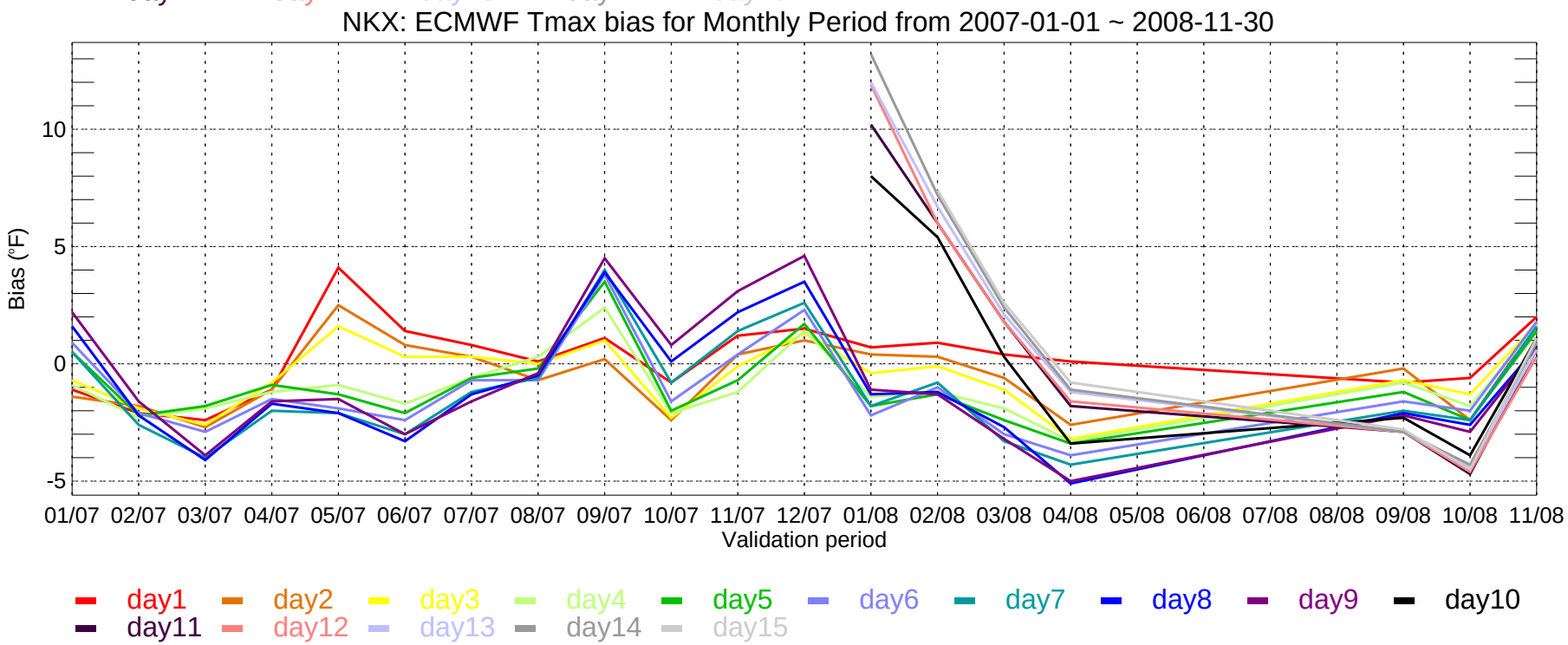
day11 day12 day13 day14 day15

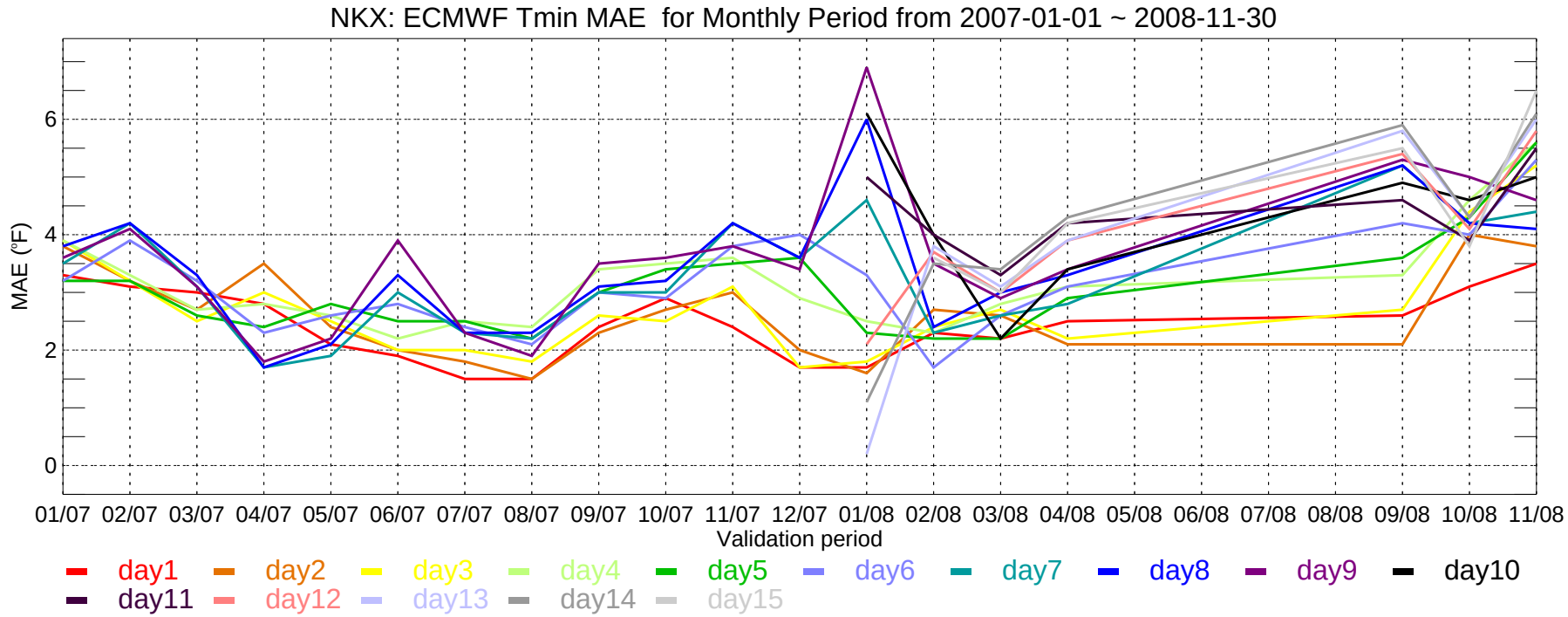

MWL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

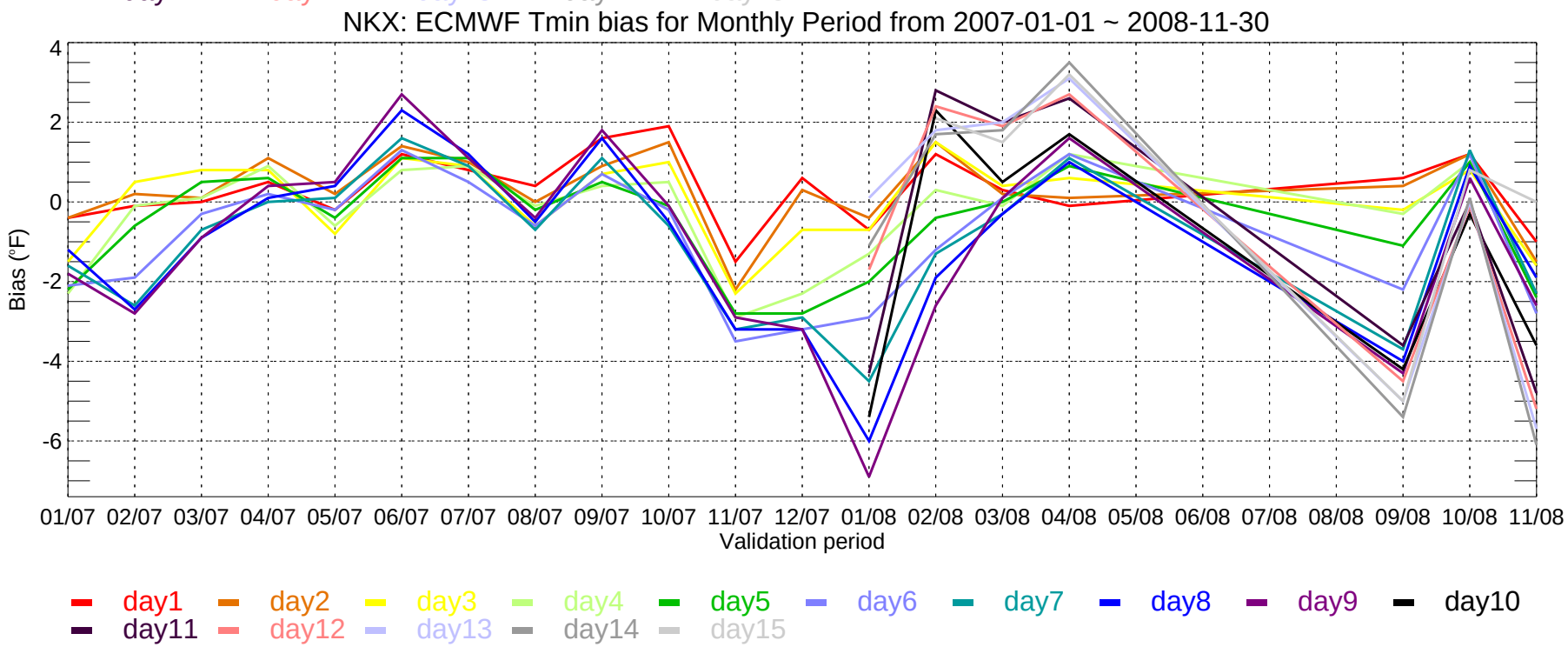

MWL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

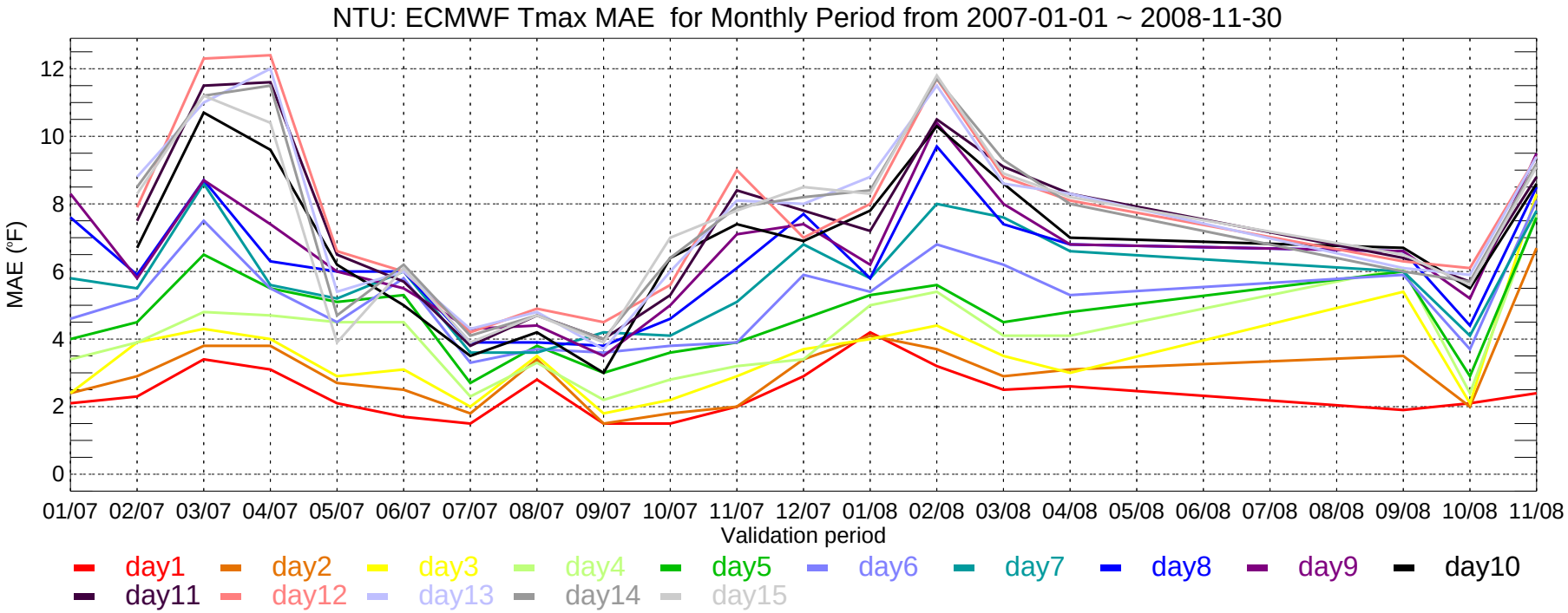

MWL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

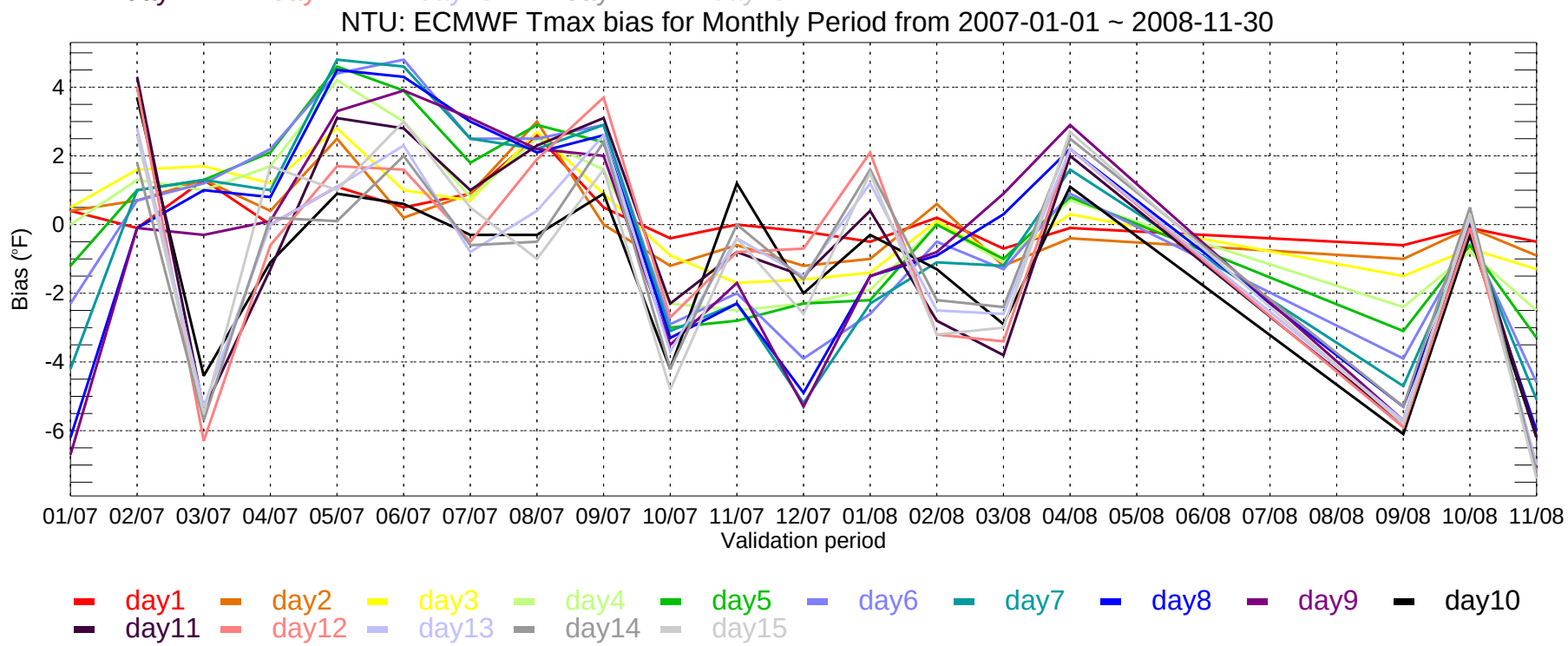

NKX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

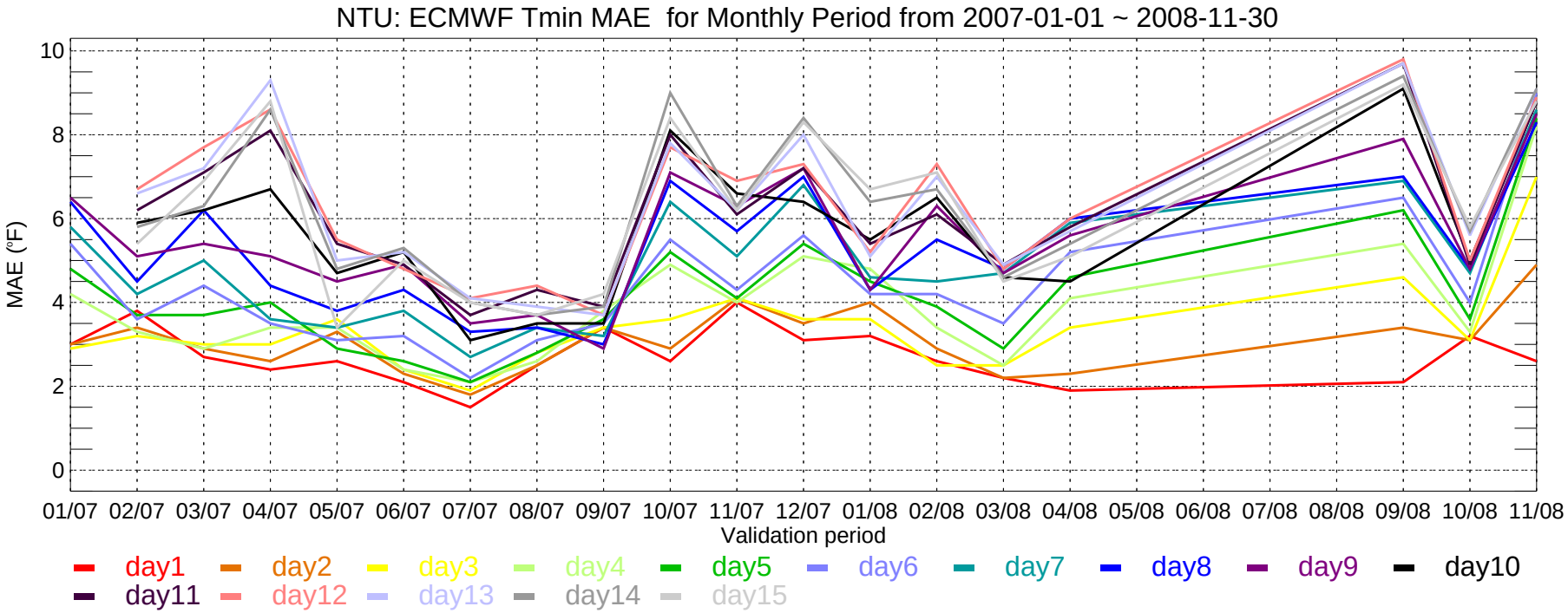

NKX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

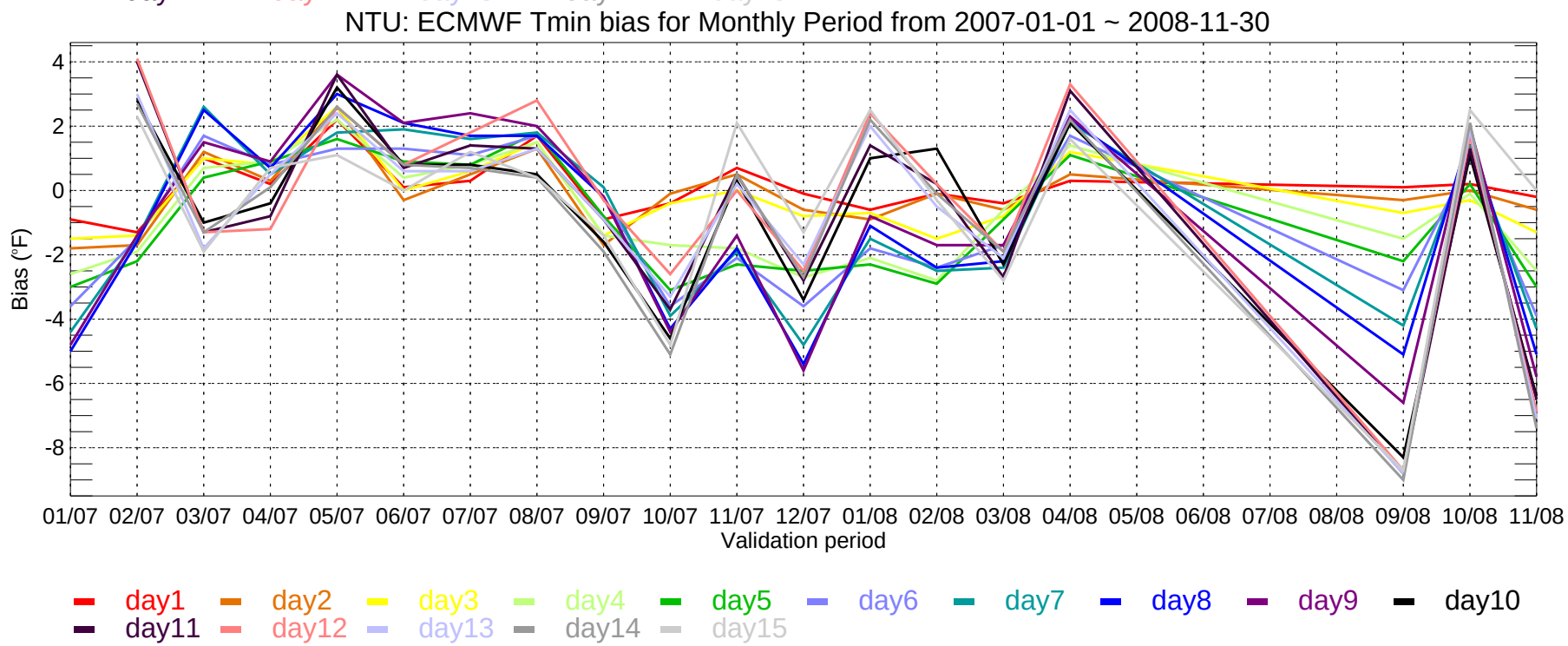

NKX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

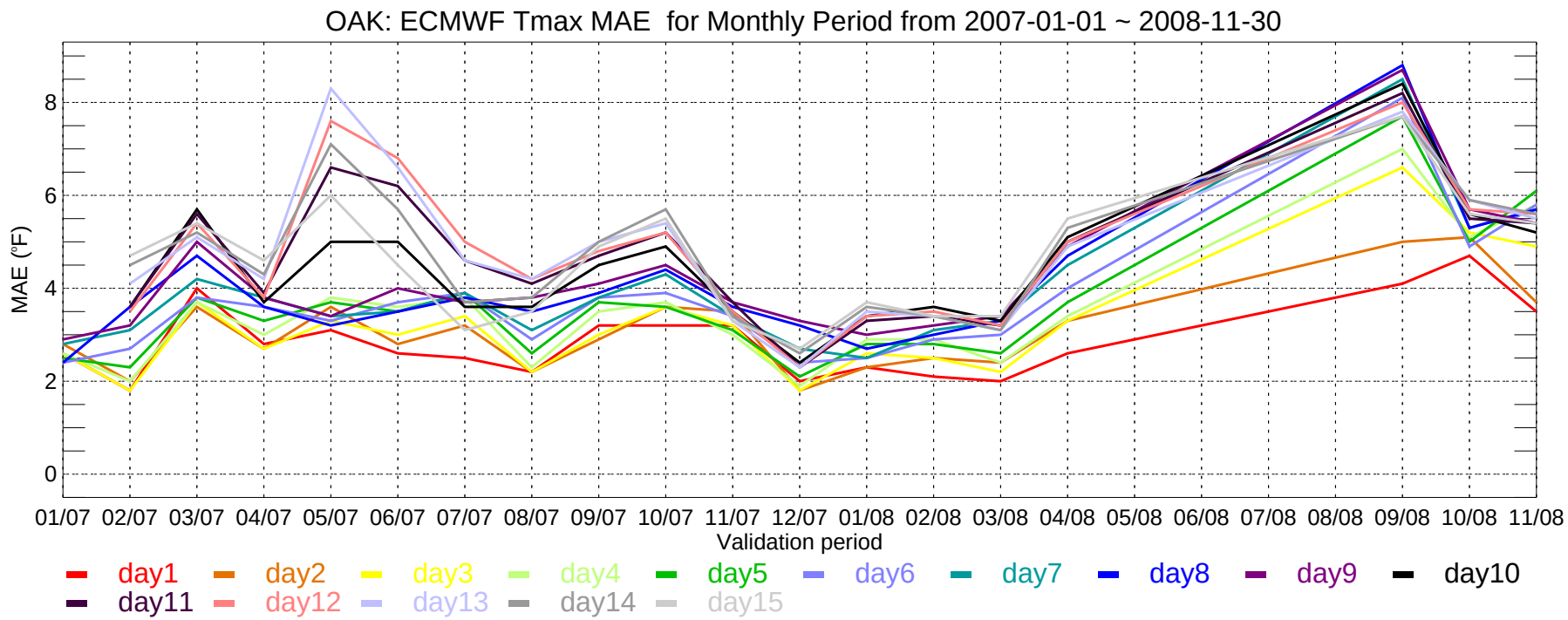

NKX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

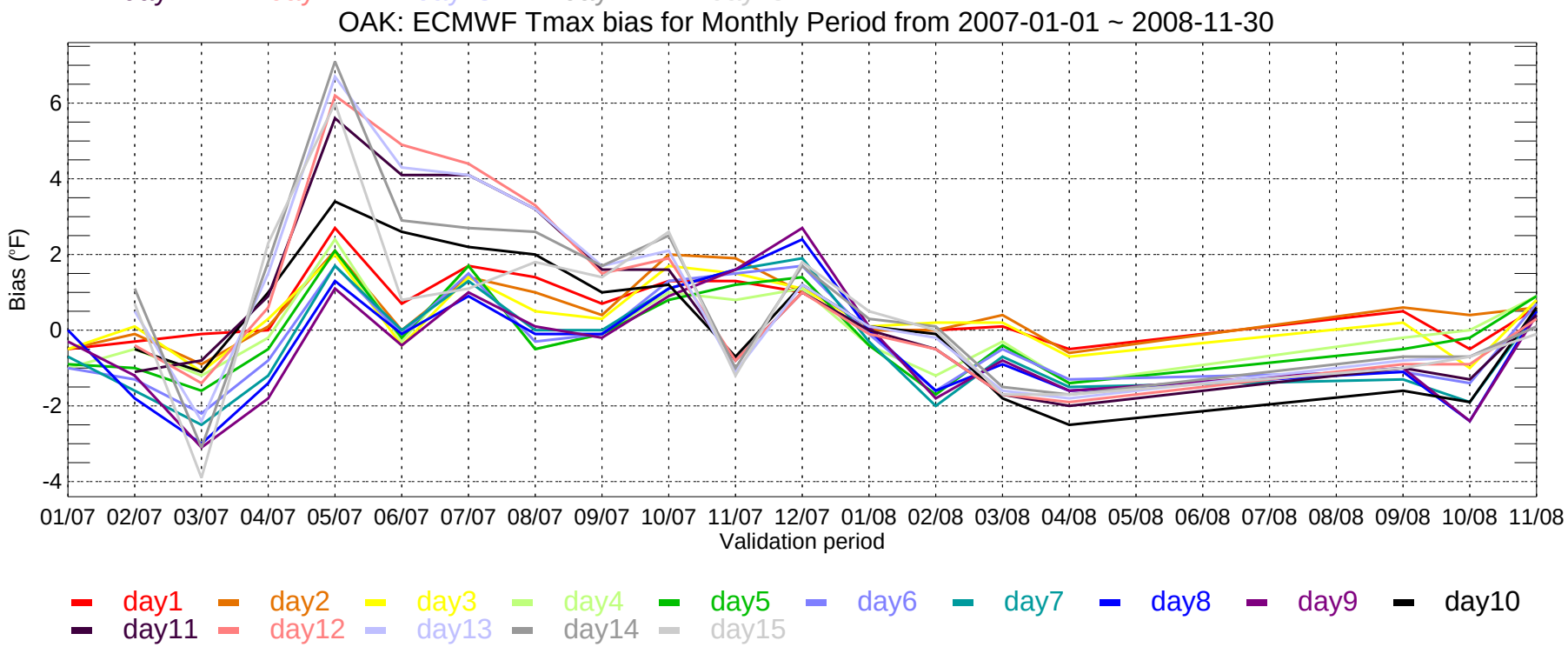

NTU: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

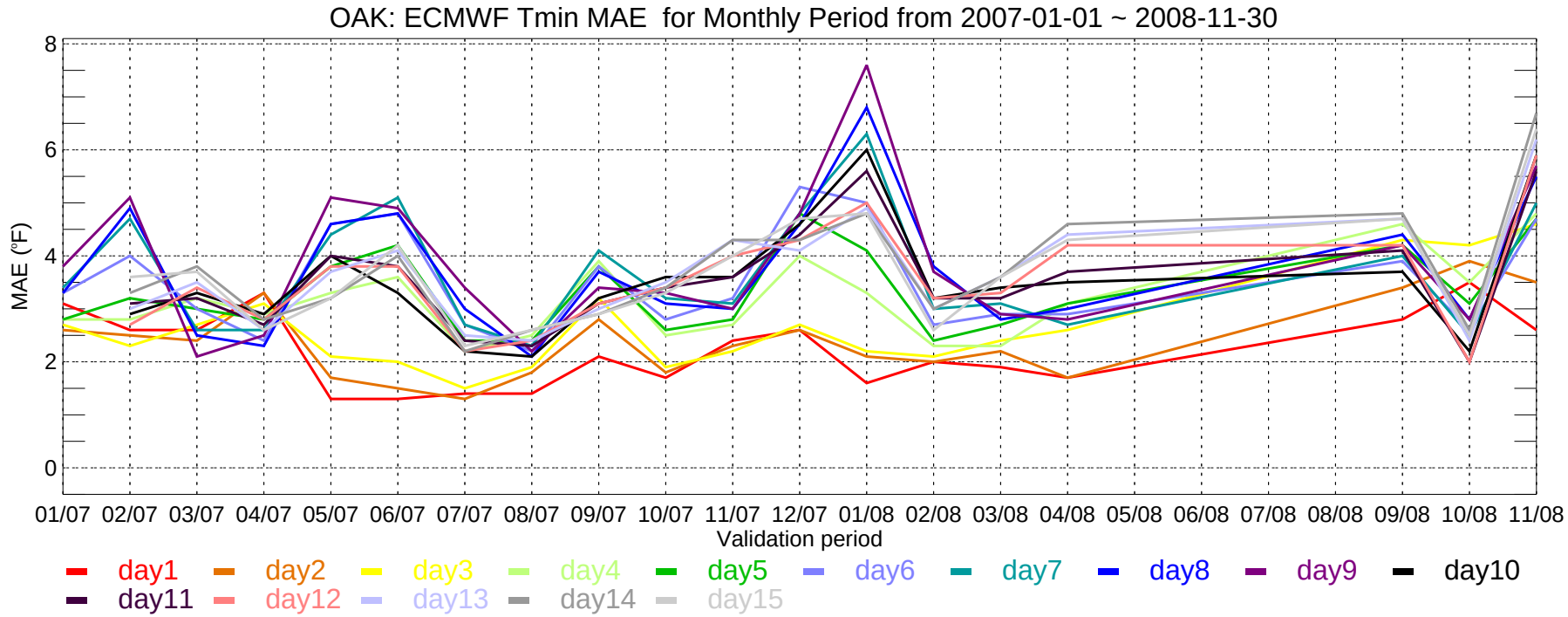

NTU: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

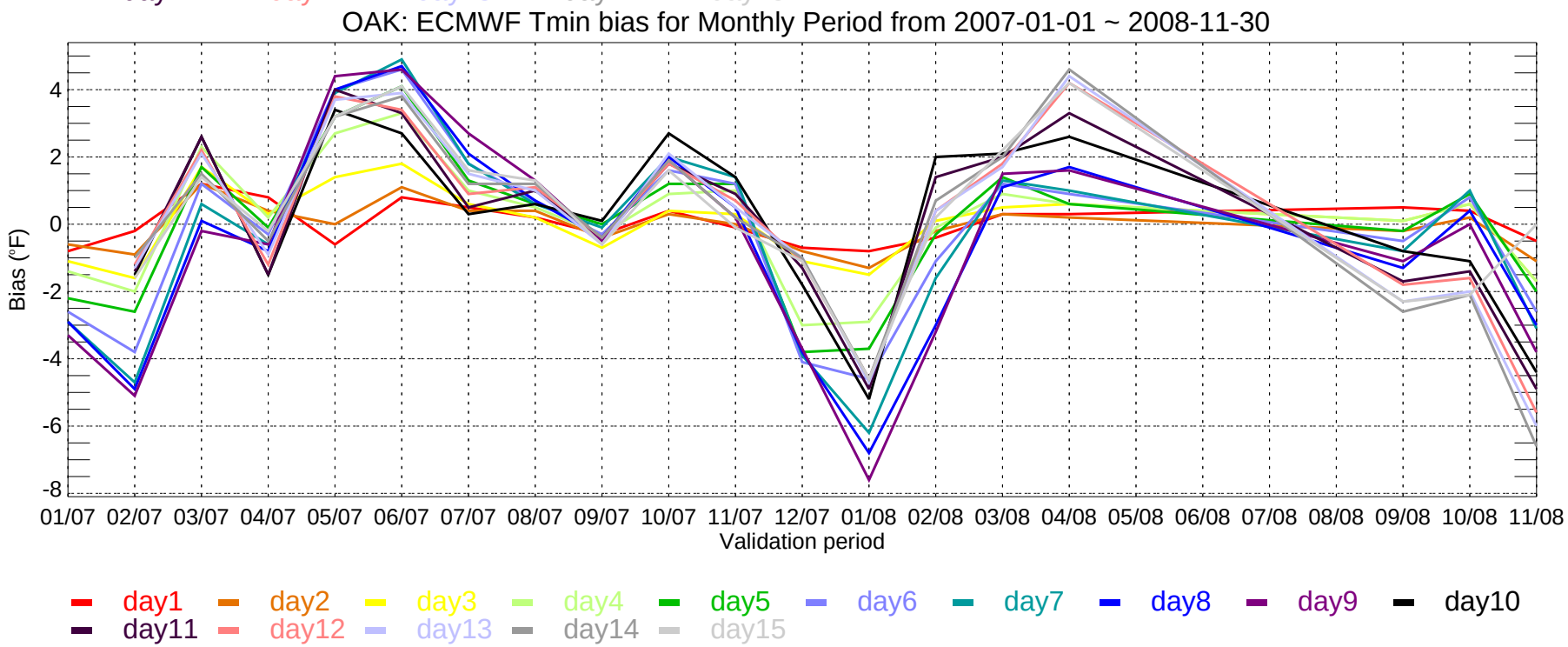

NTU: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


NTU: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


OAK: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


OAK: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


OAK: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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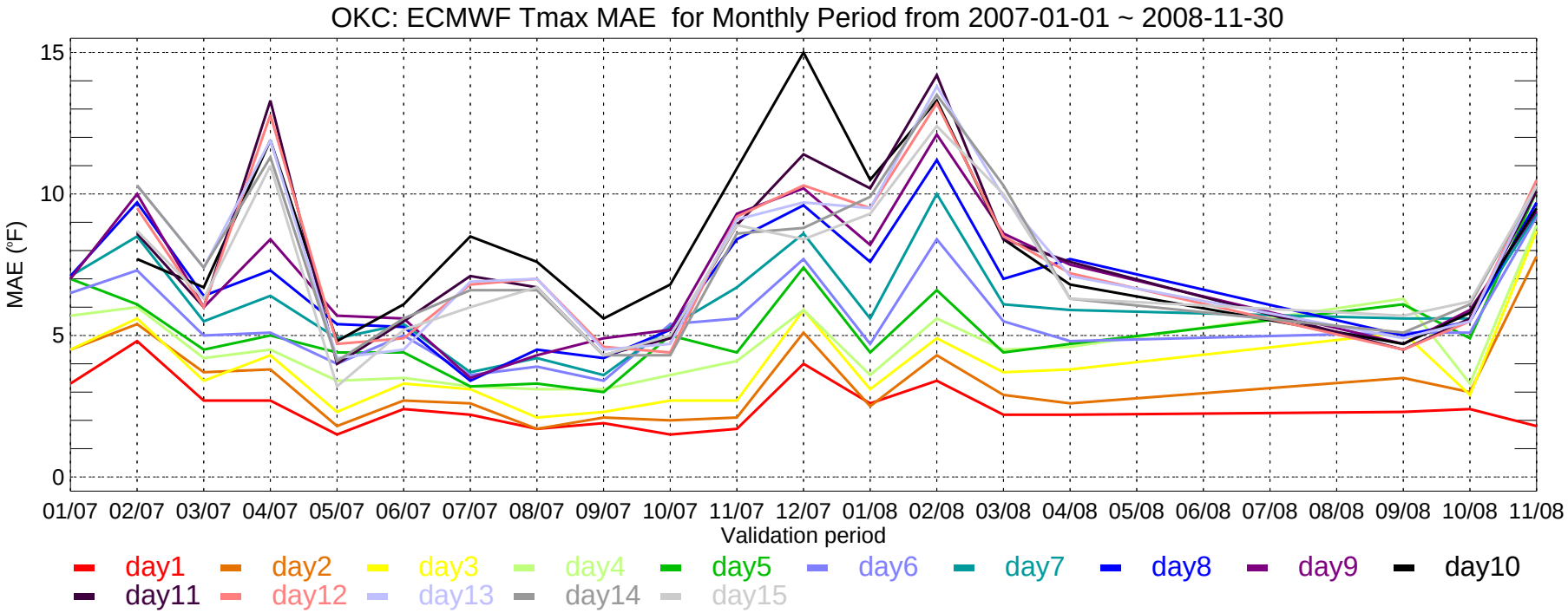
OKC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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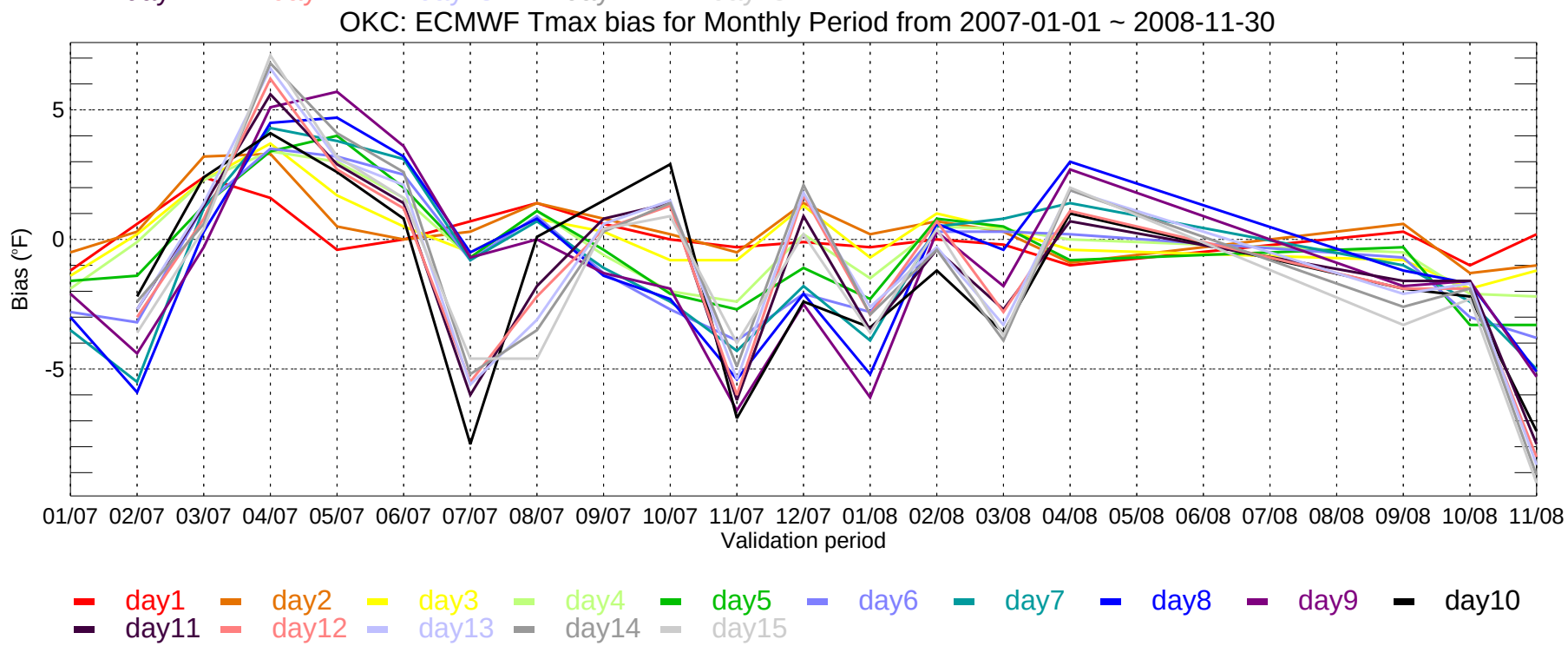
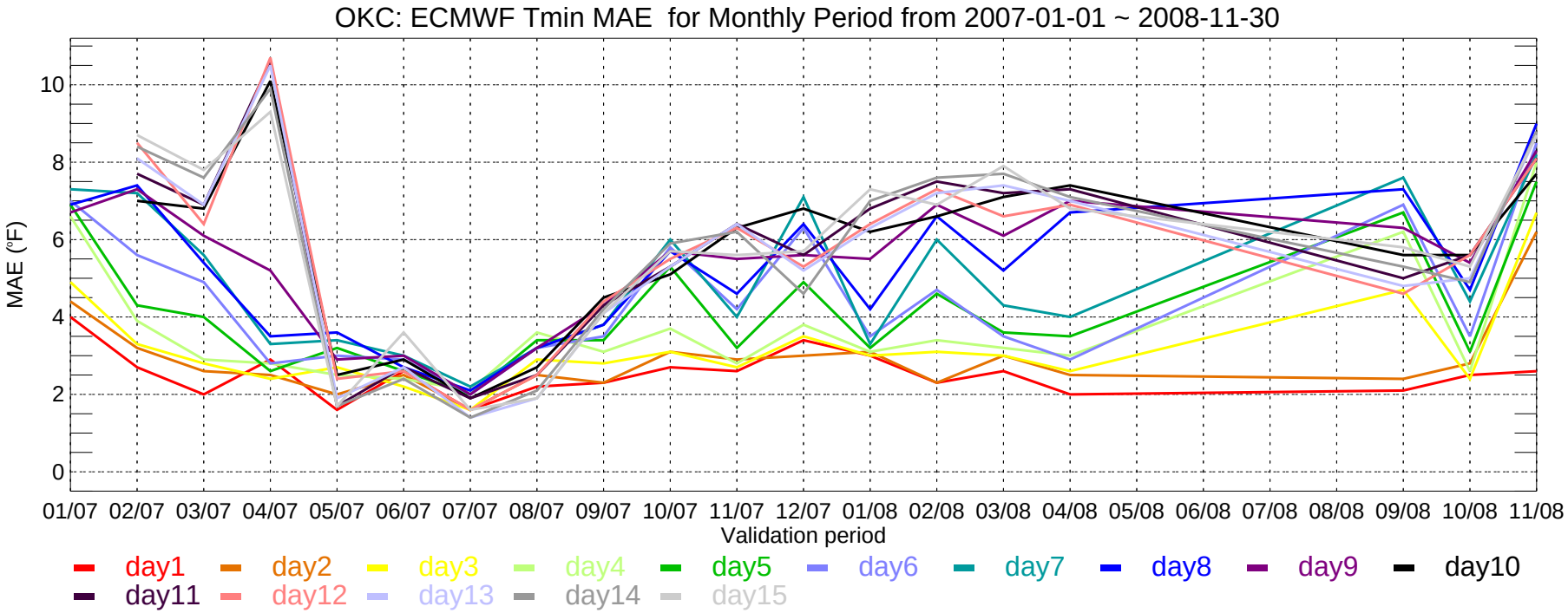
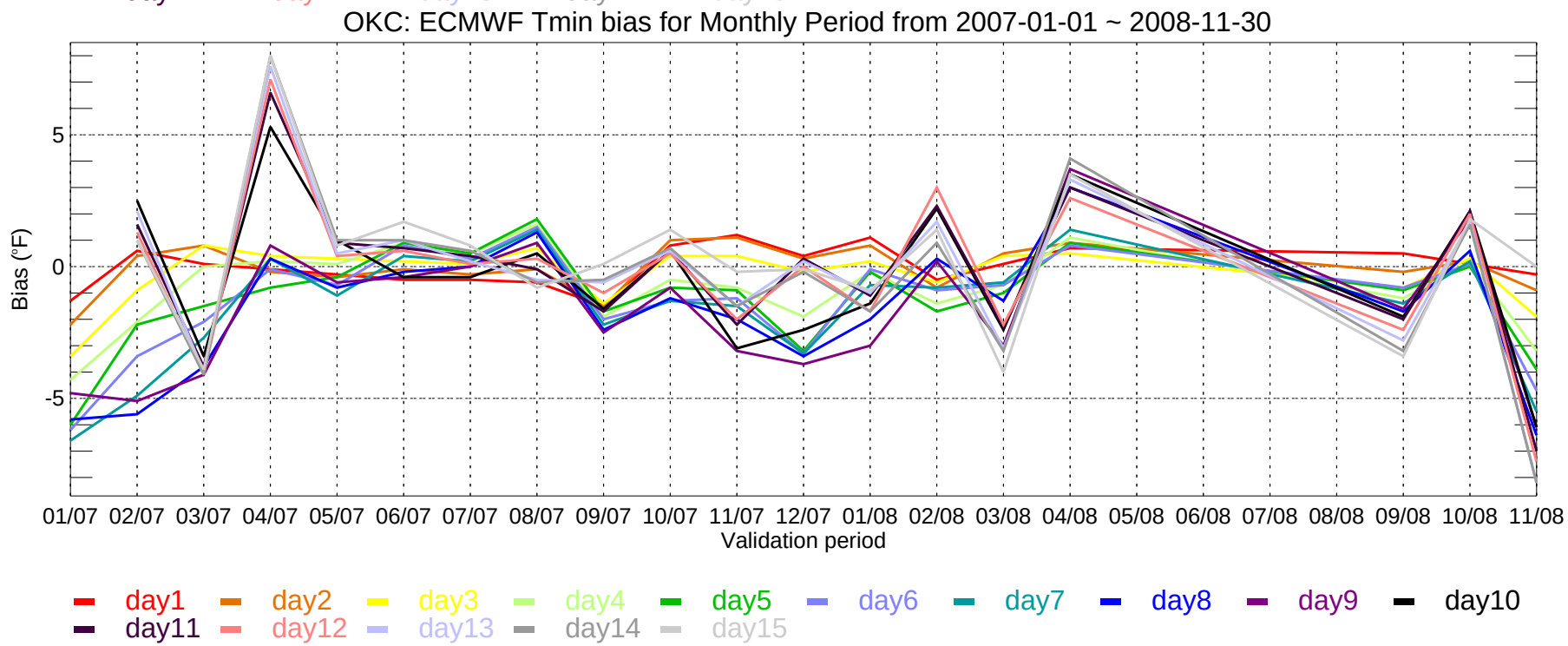
day11 day12 day13 day14 day15


OKC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


OKC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


OKC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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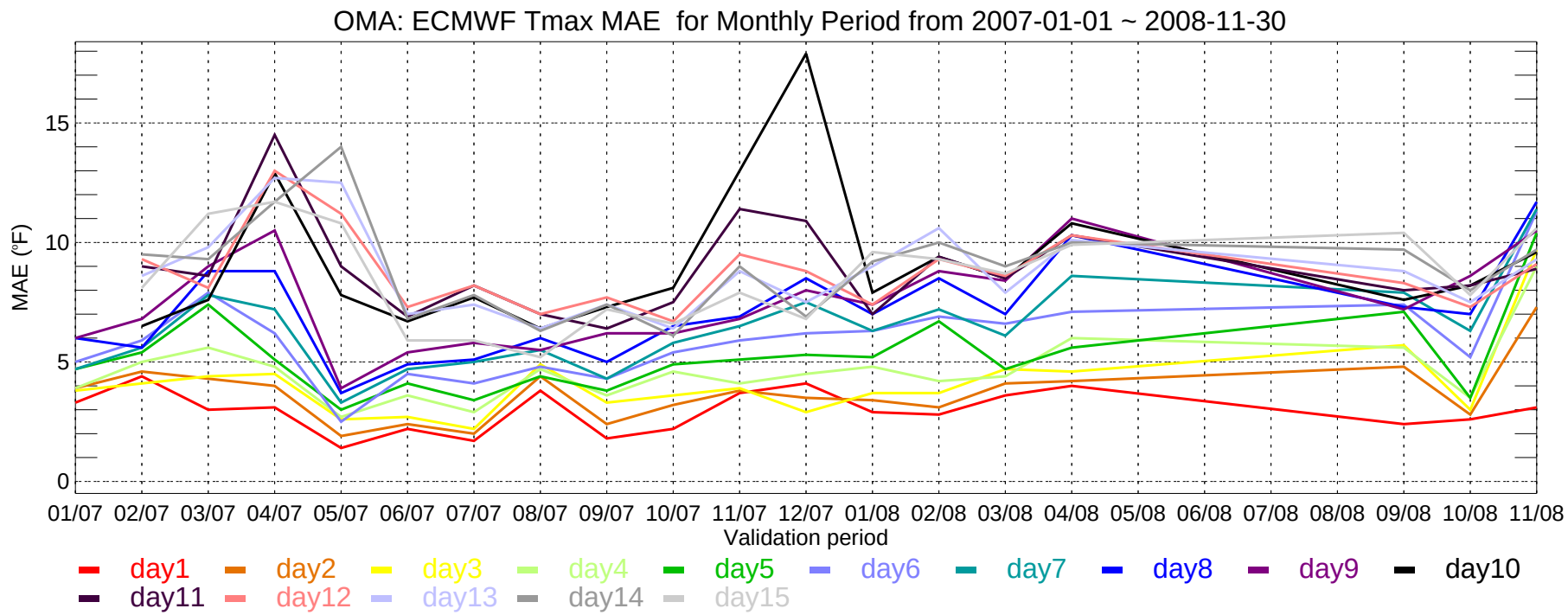
day11 day12 day13 day14 day15


OMA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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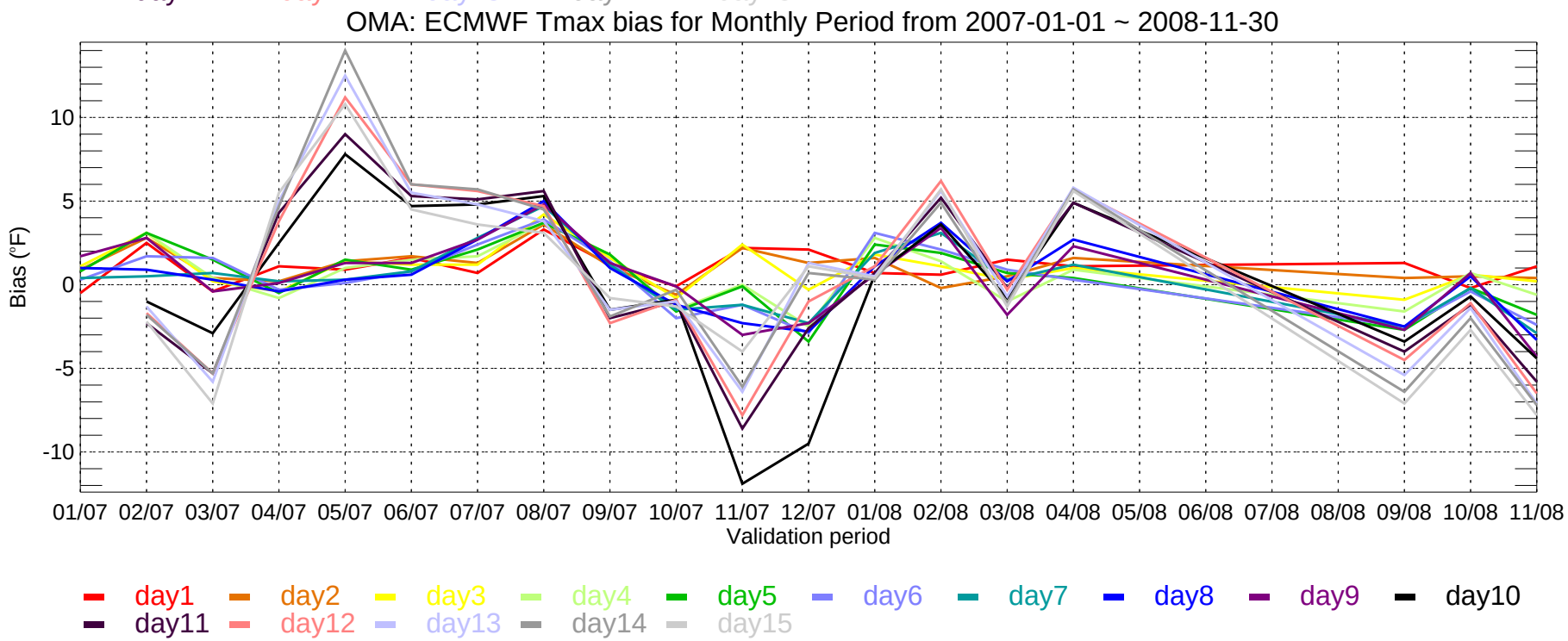
OMA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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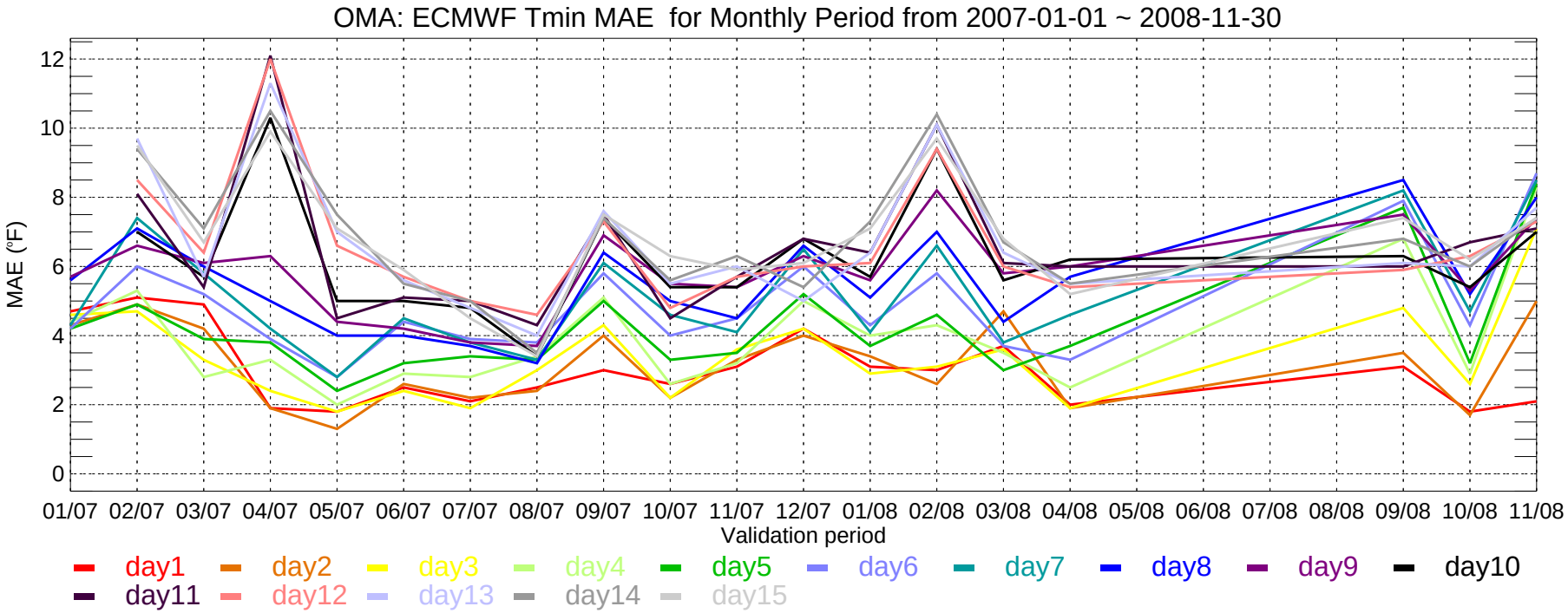
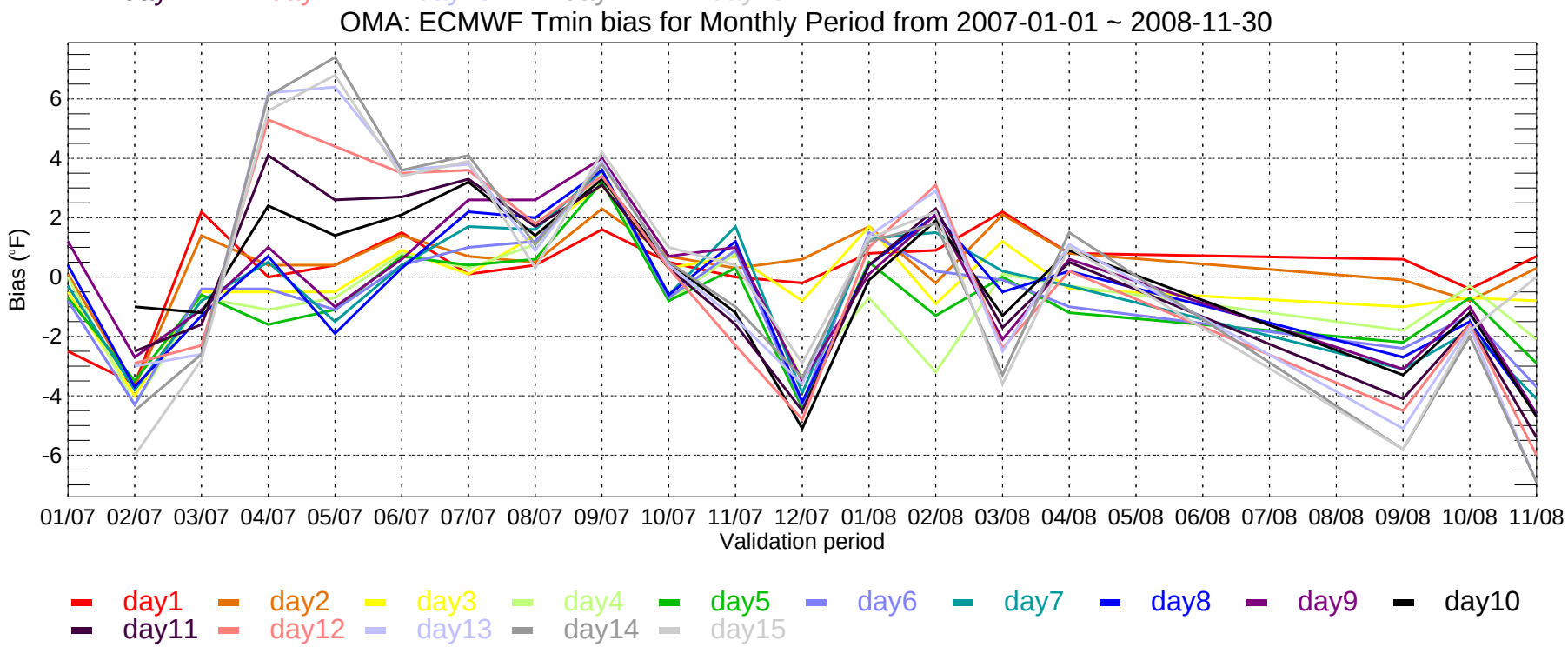
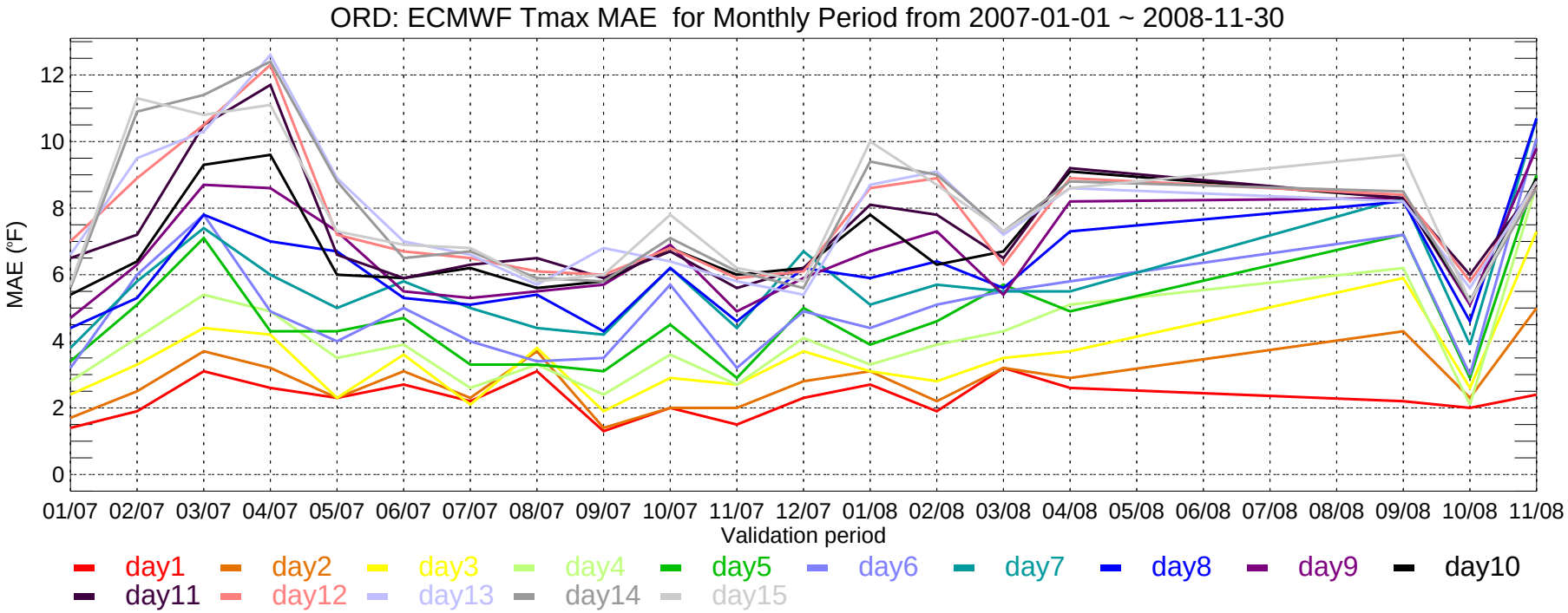
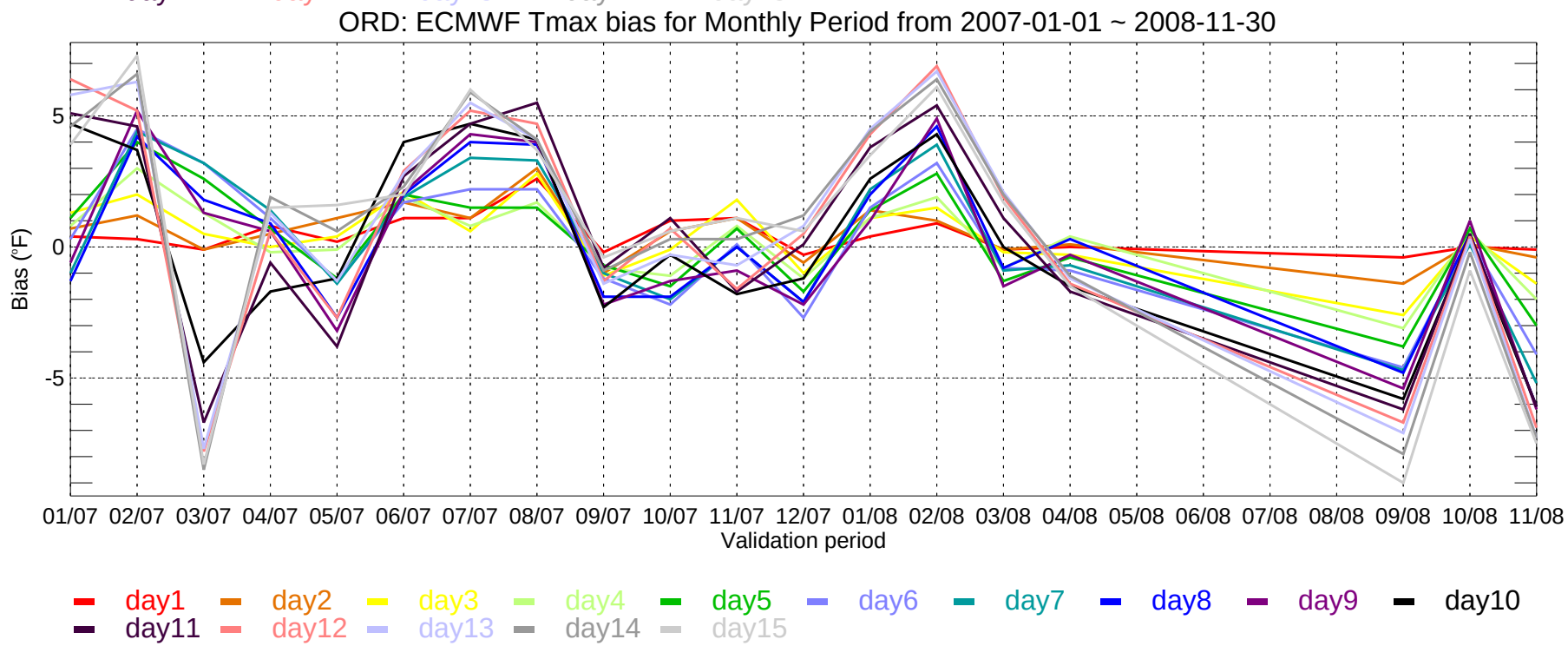

OMA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


OMA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ORD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ORD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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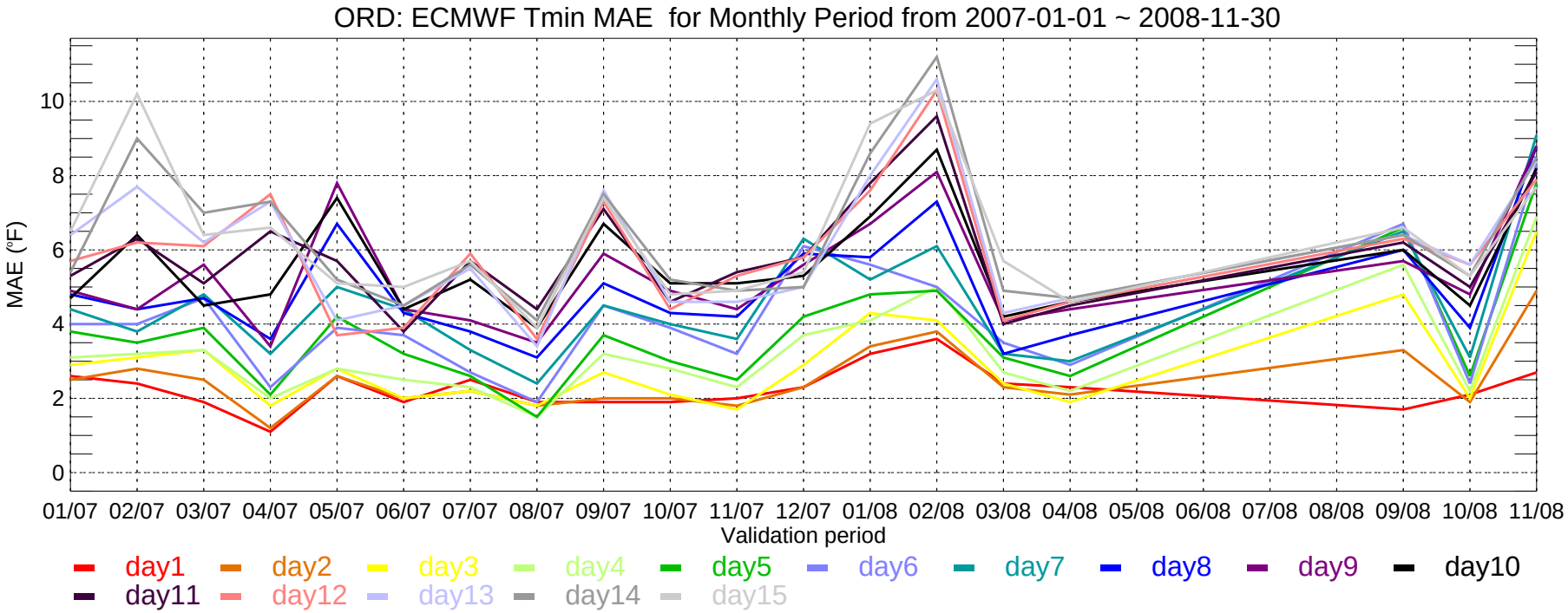
ORD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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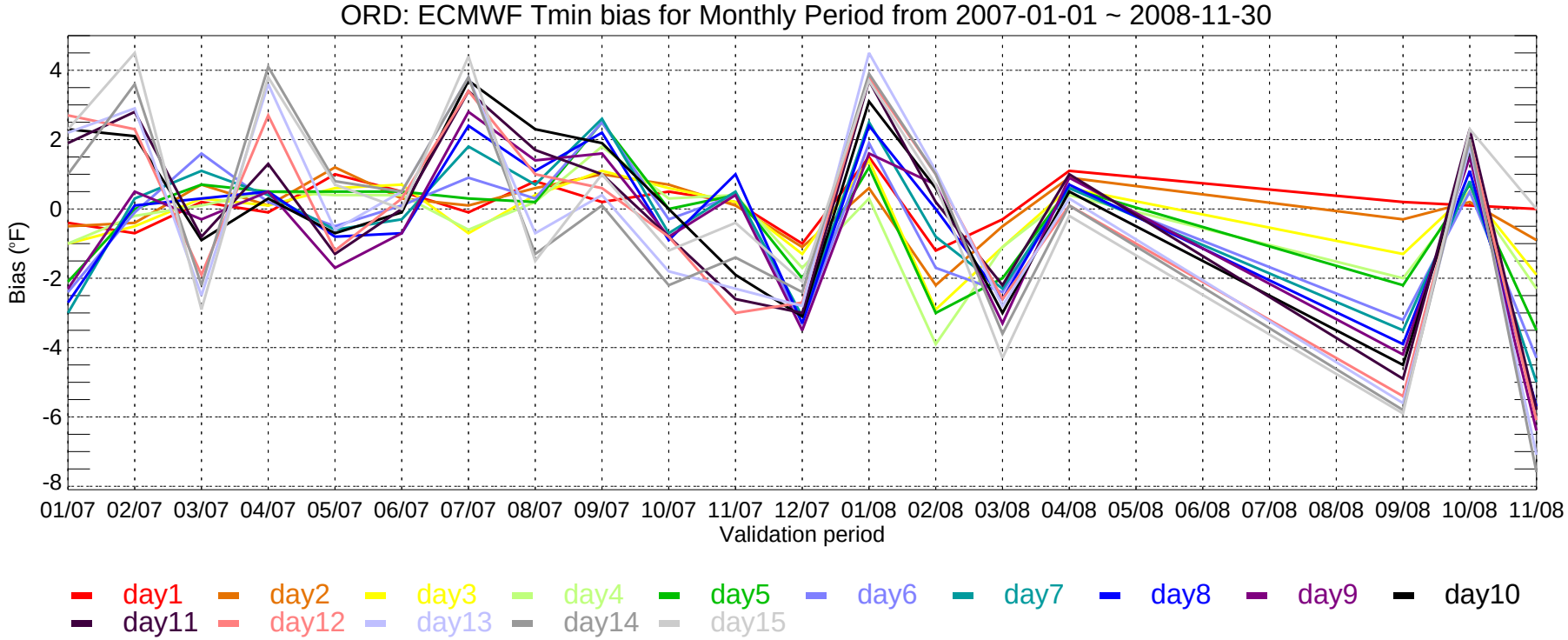
ORD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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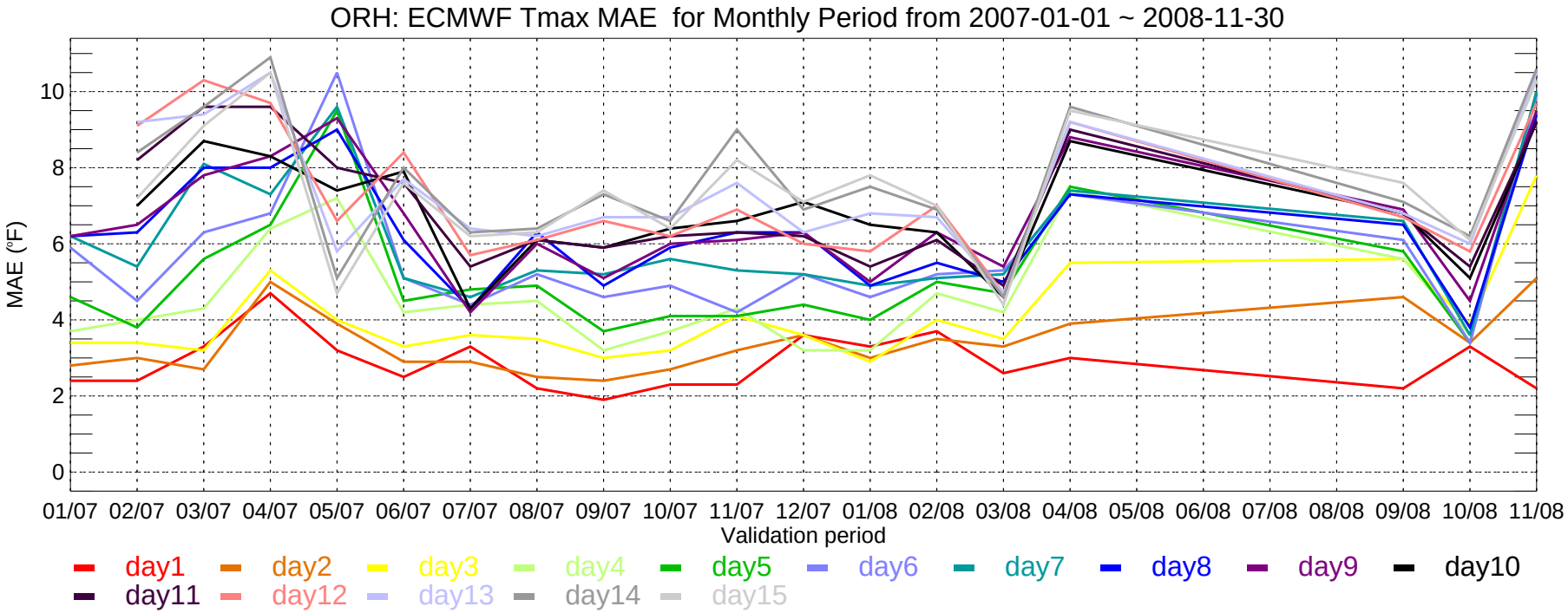
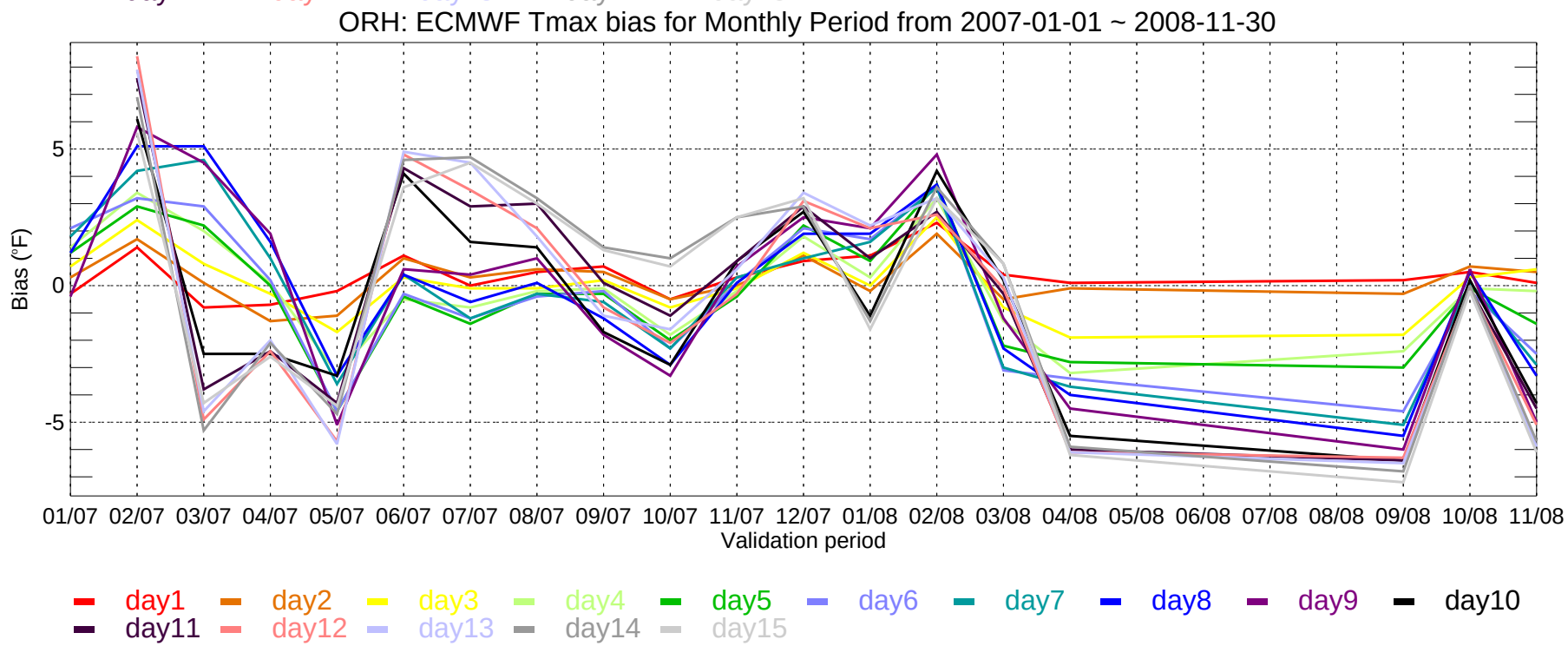
day11 day12 day13 day14 day15


ORH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ORH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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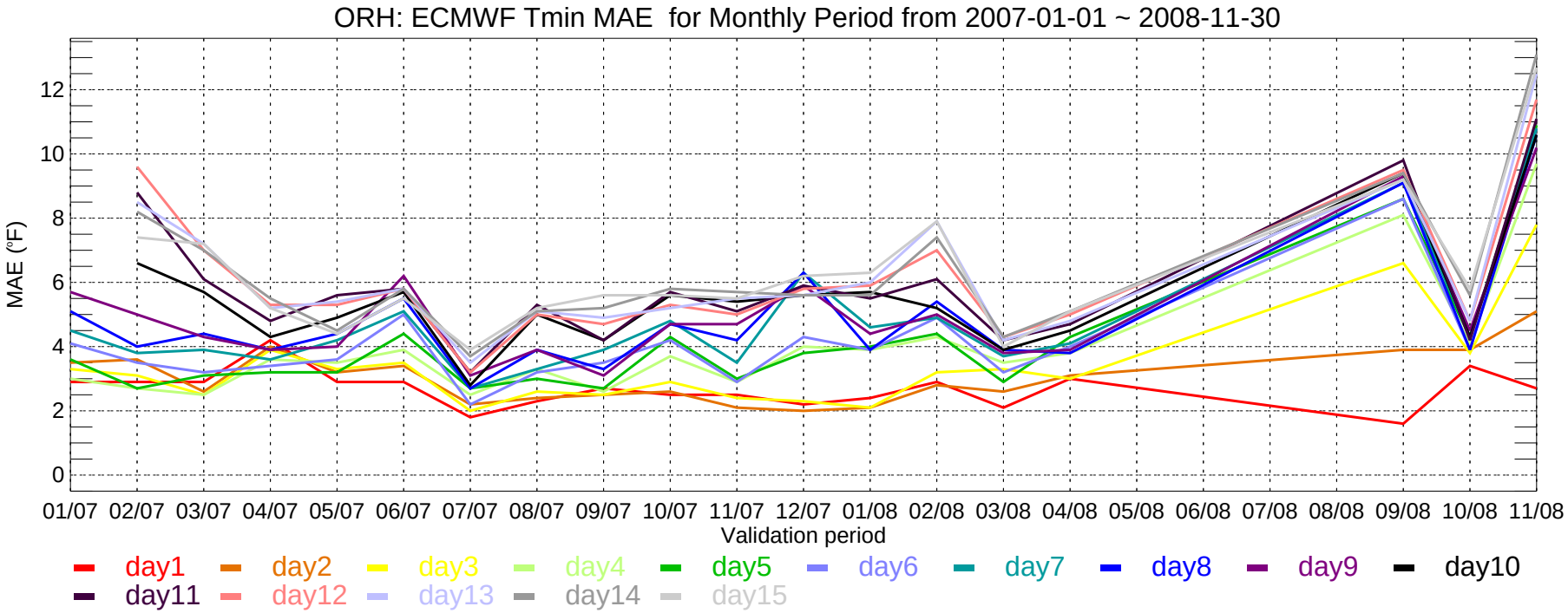
ORH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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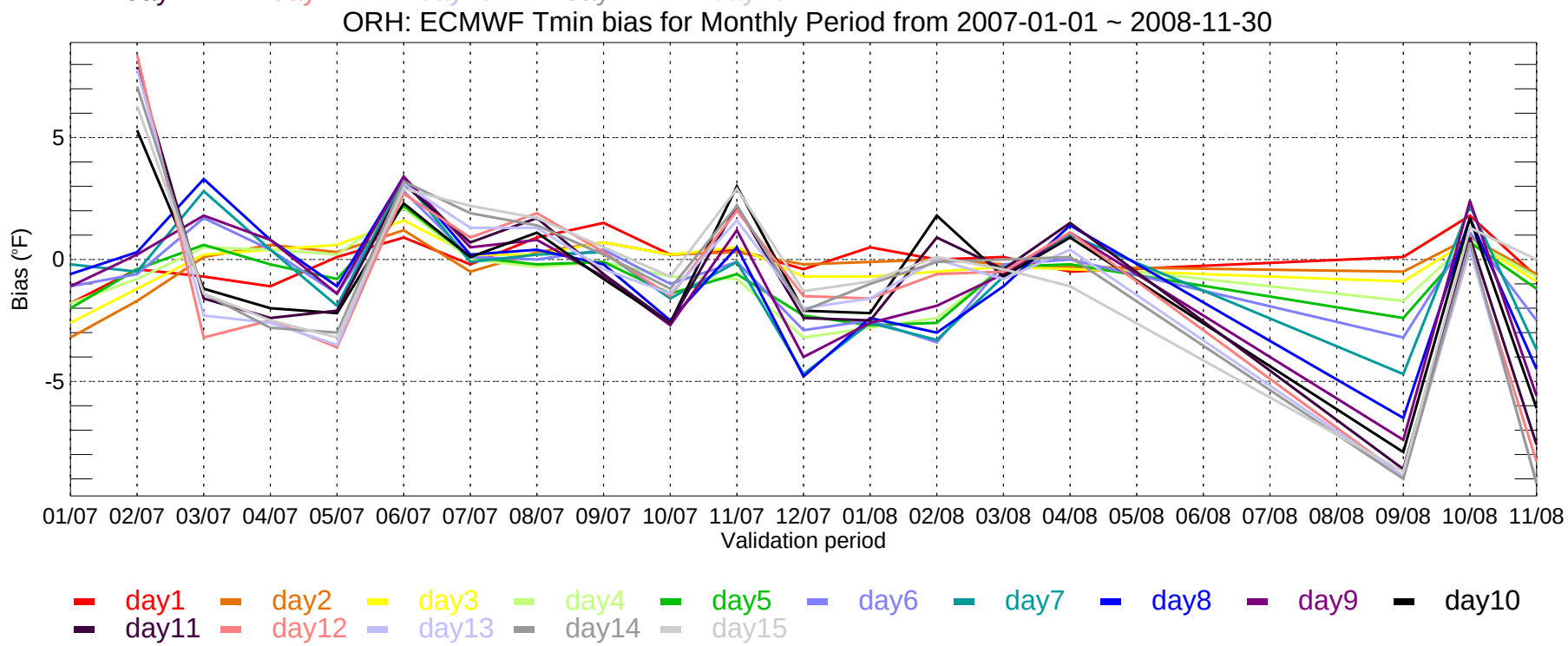
ORH: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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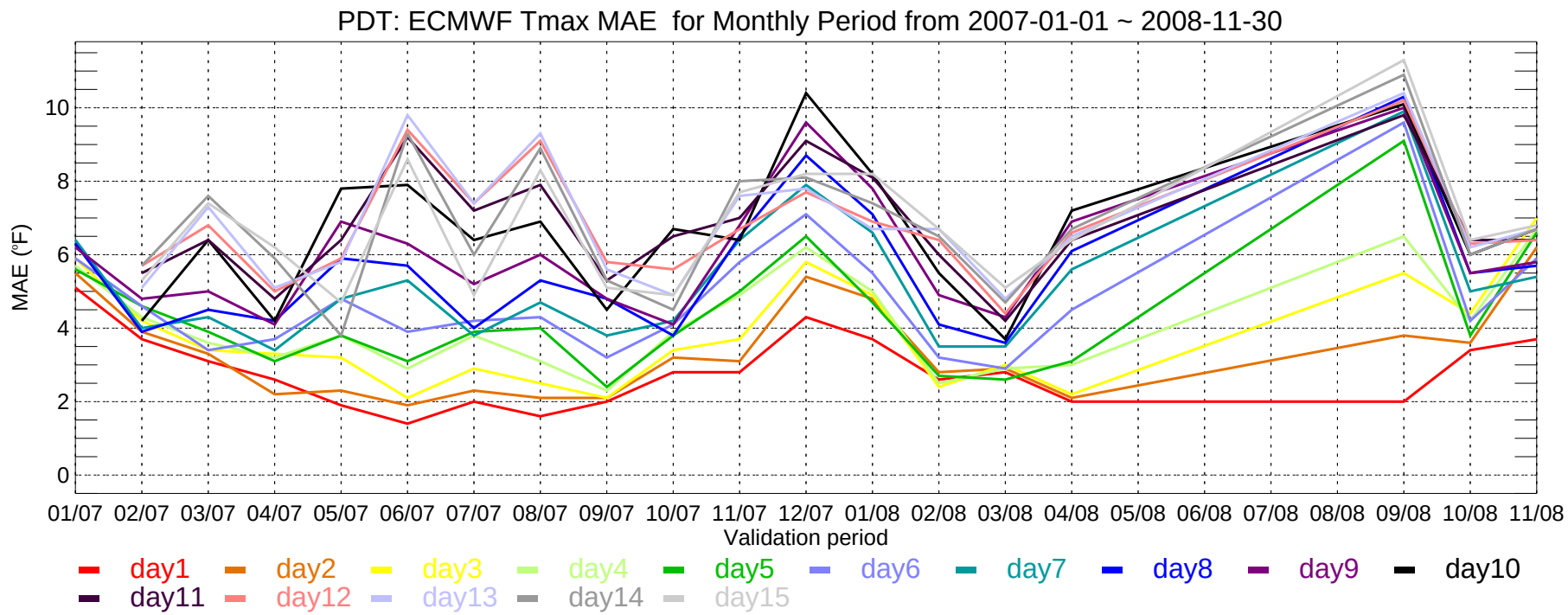
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MAE (°F)
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2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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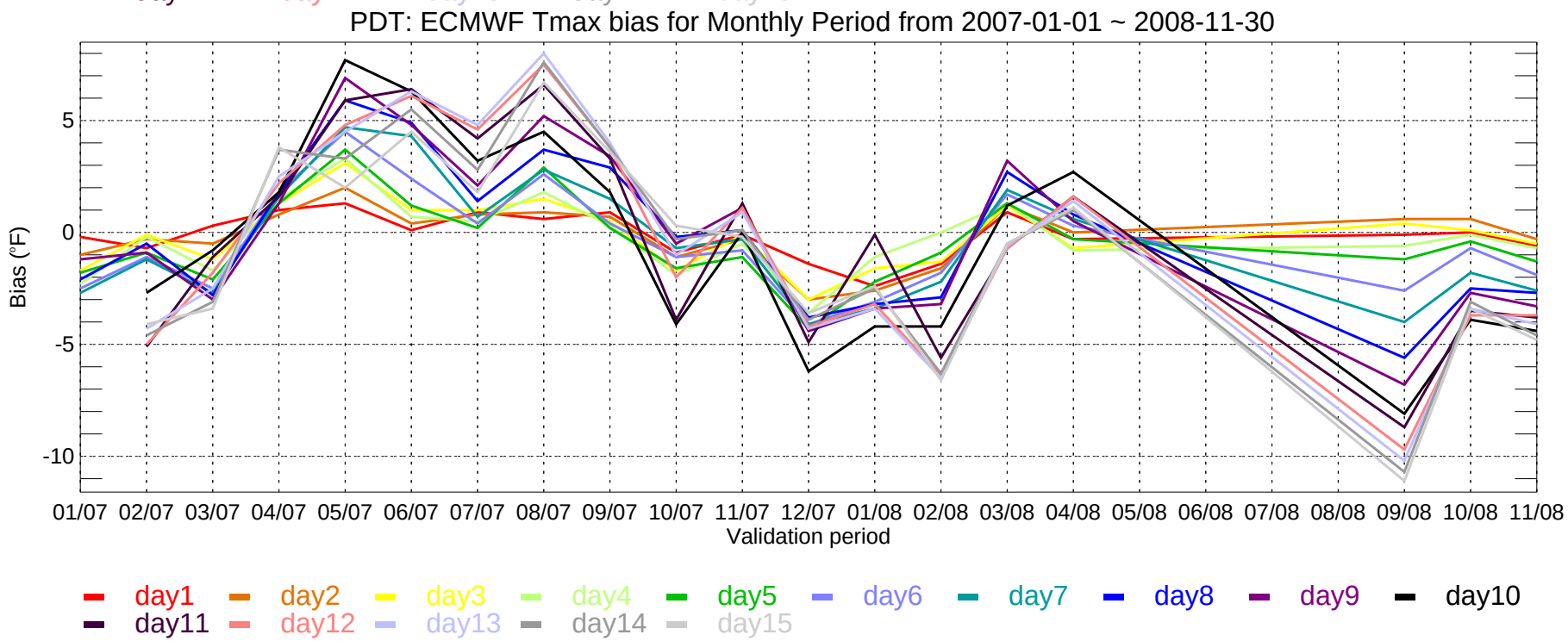
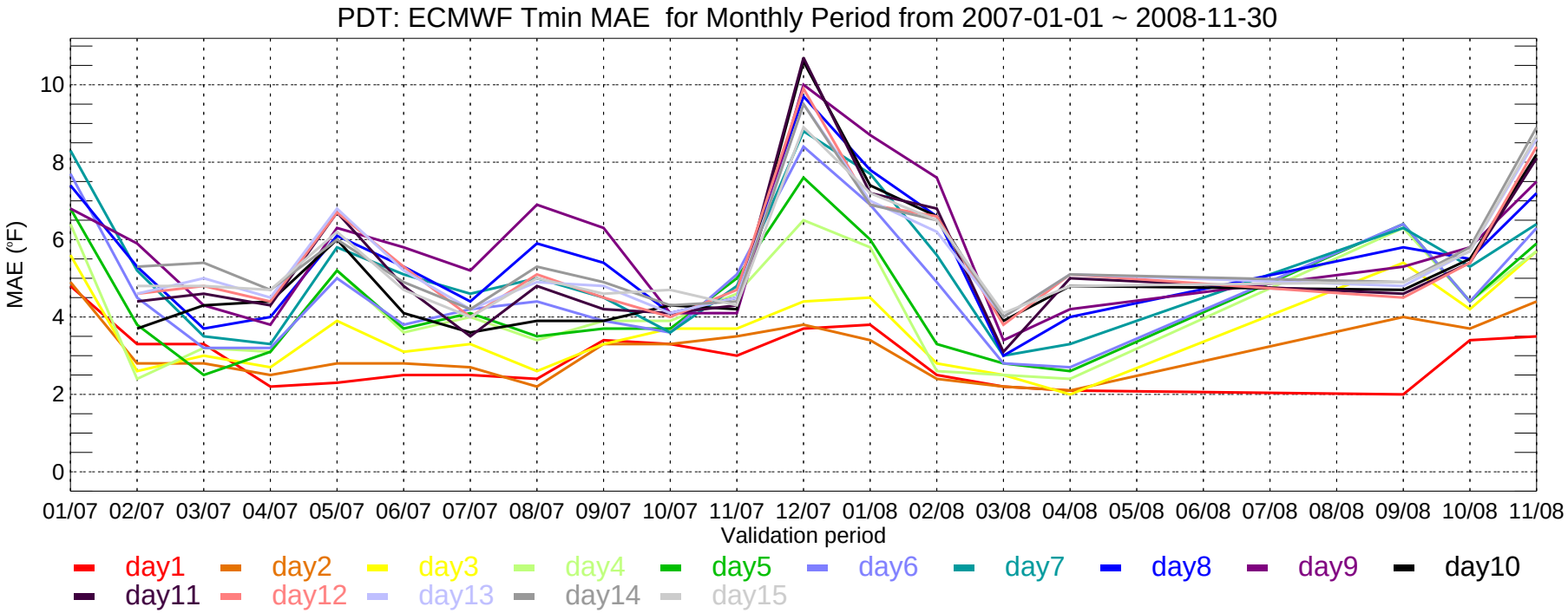
day11 day12 day13 day14 day15


PDT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


PDT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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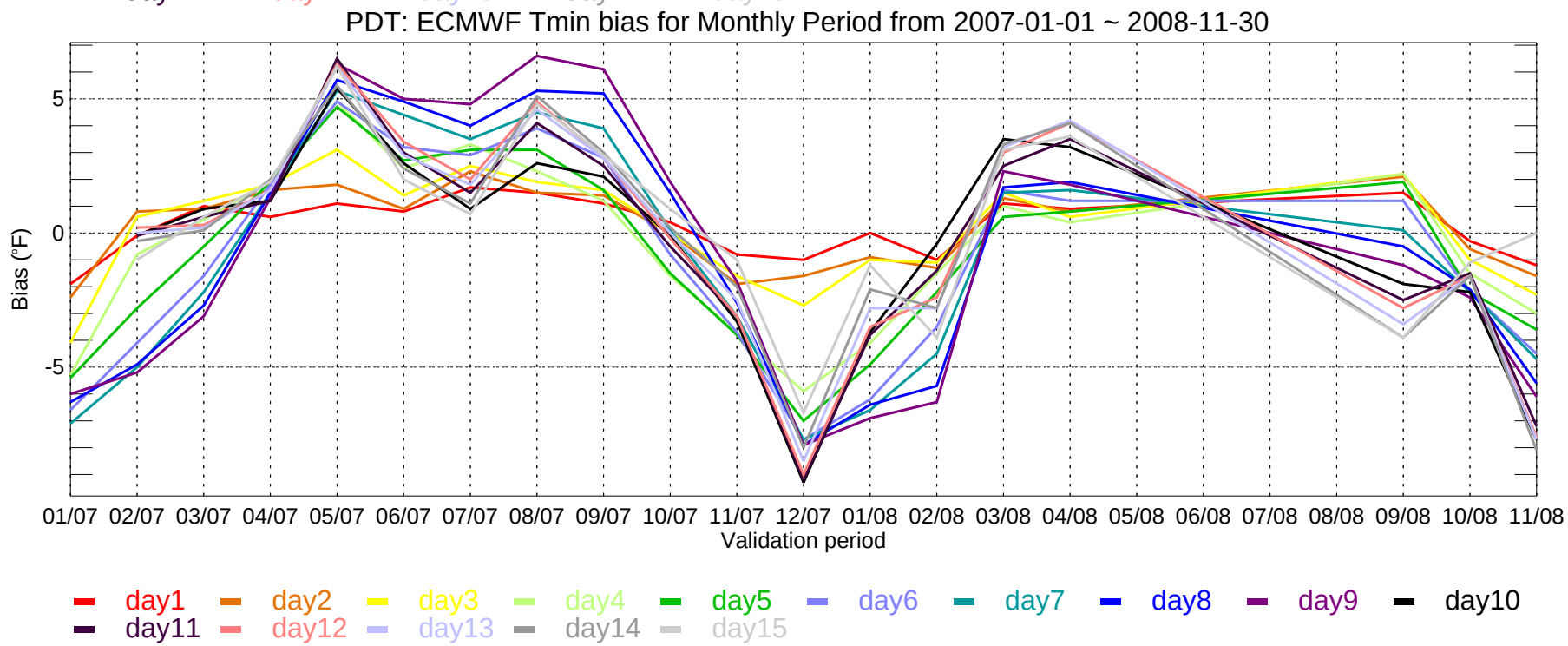
PDT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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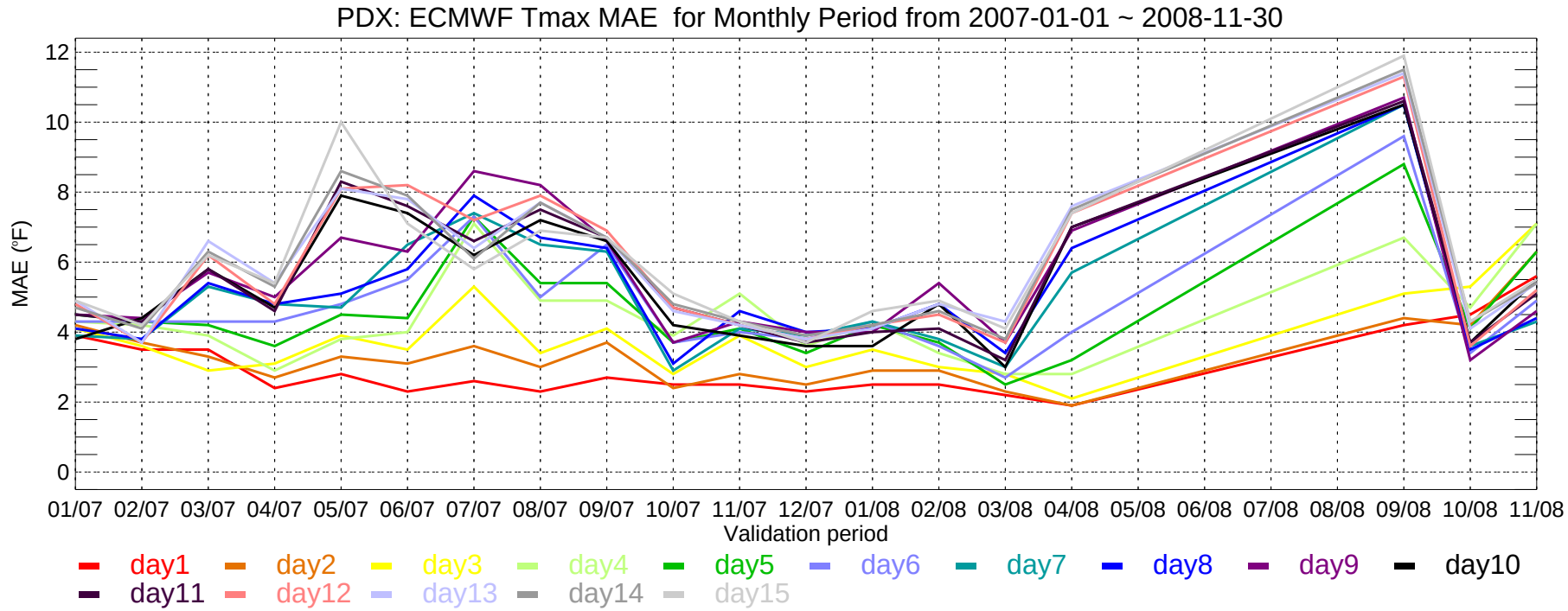
PDX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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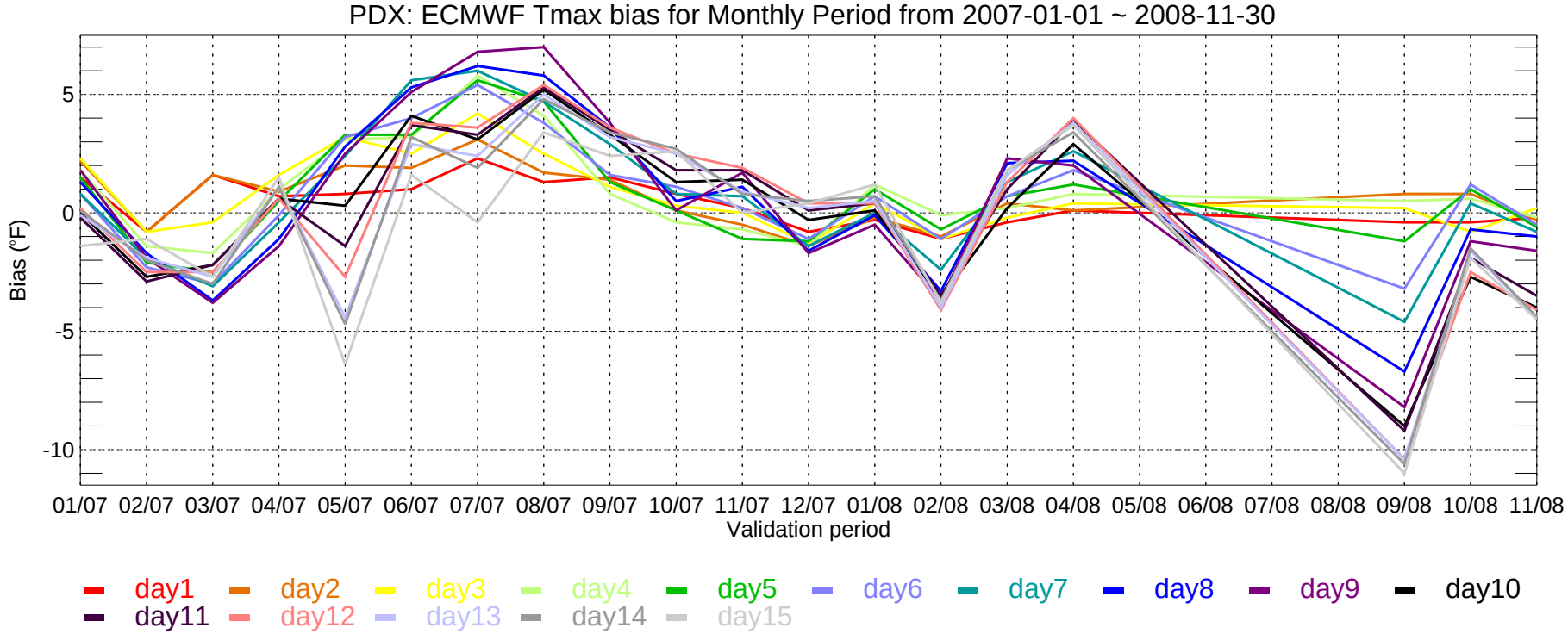
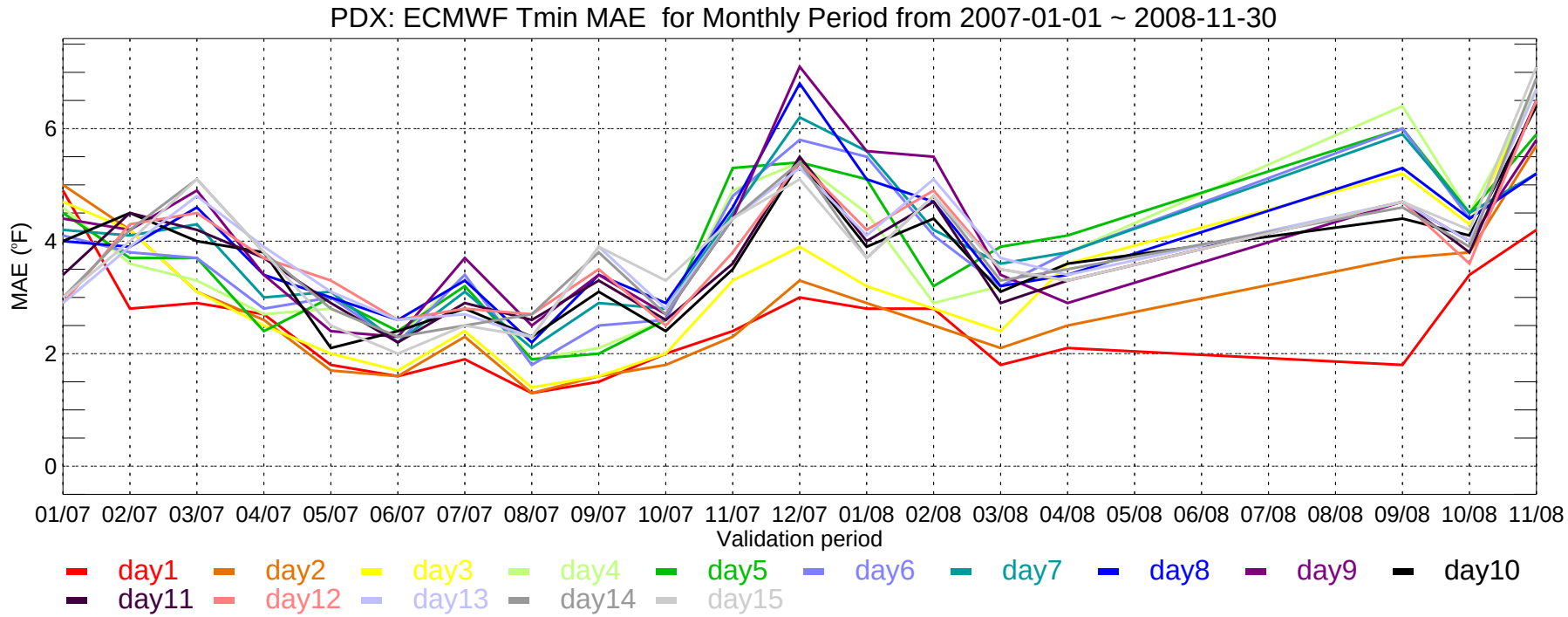
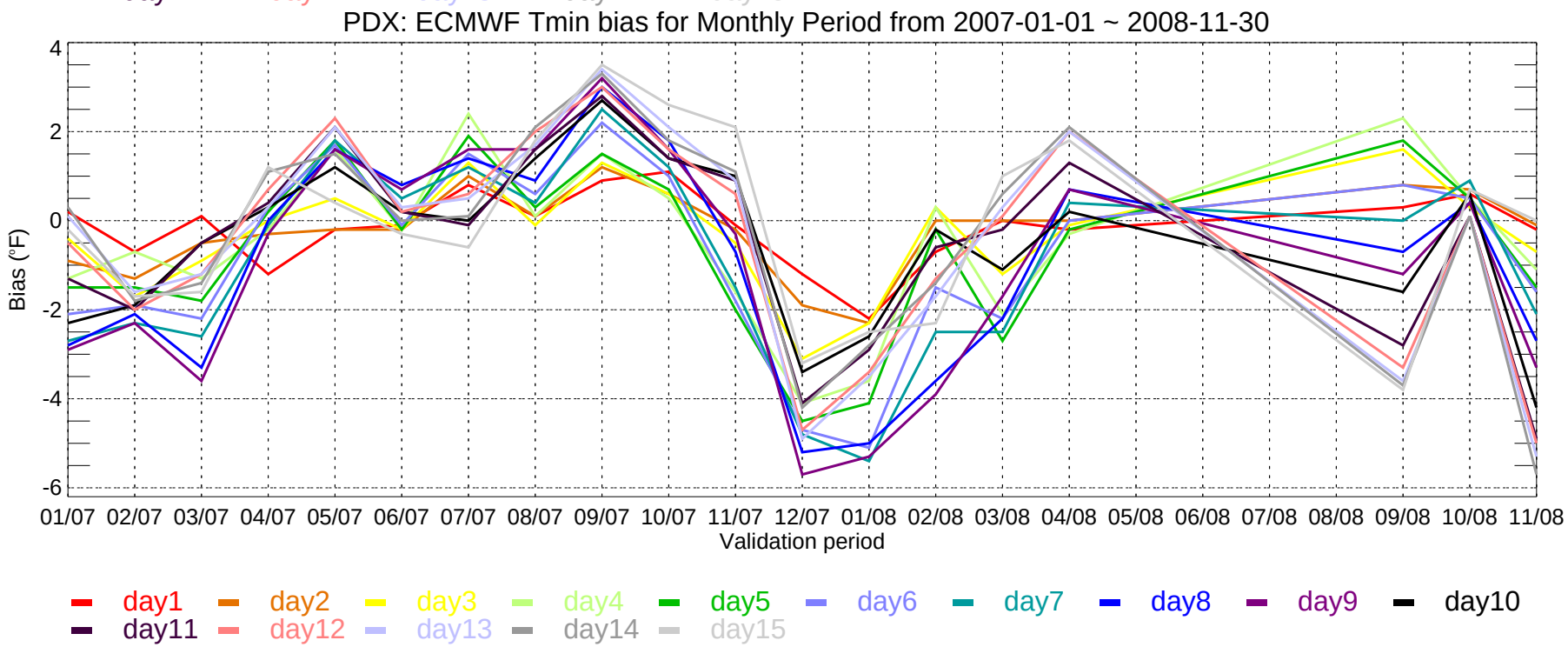
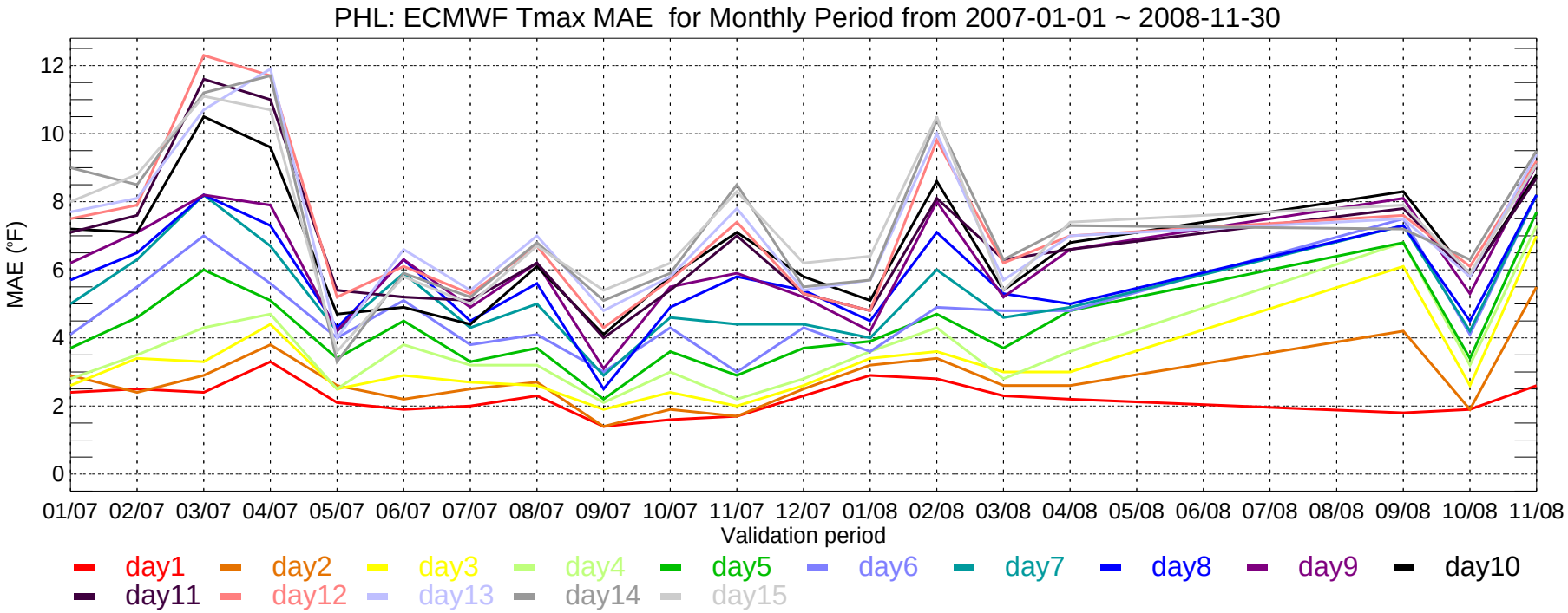
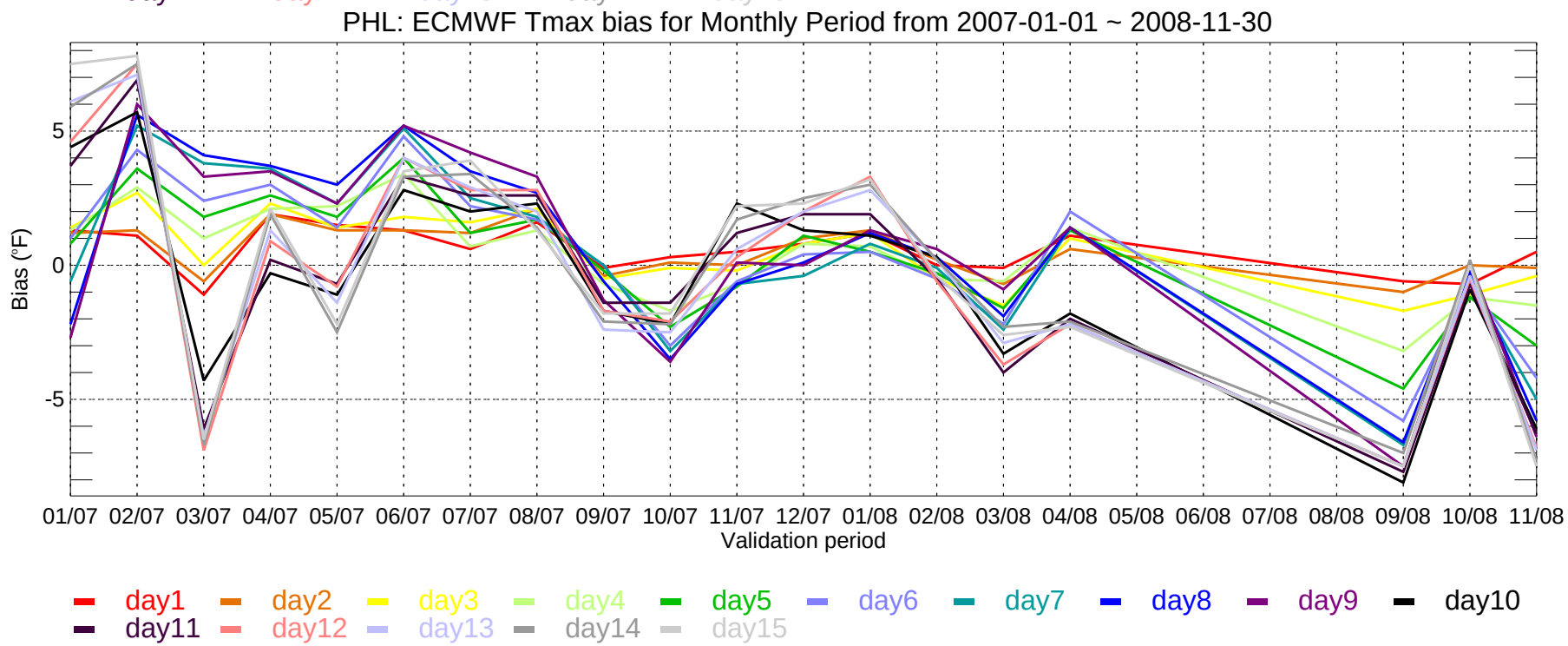
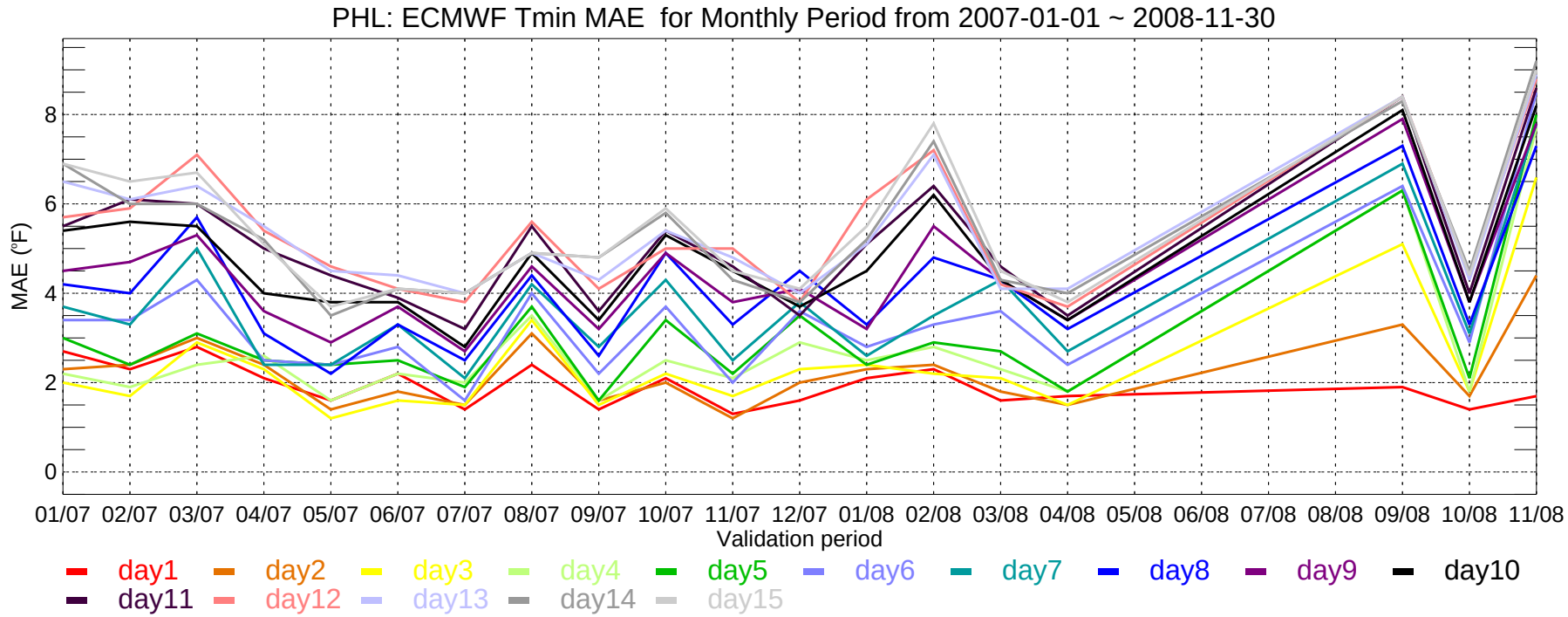

PDX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

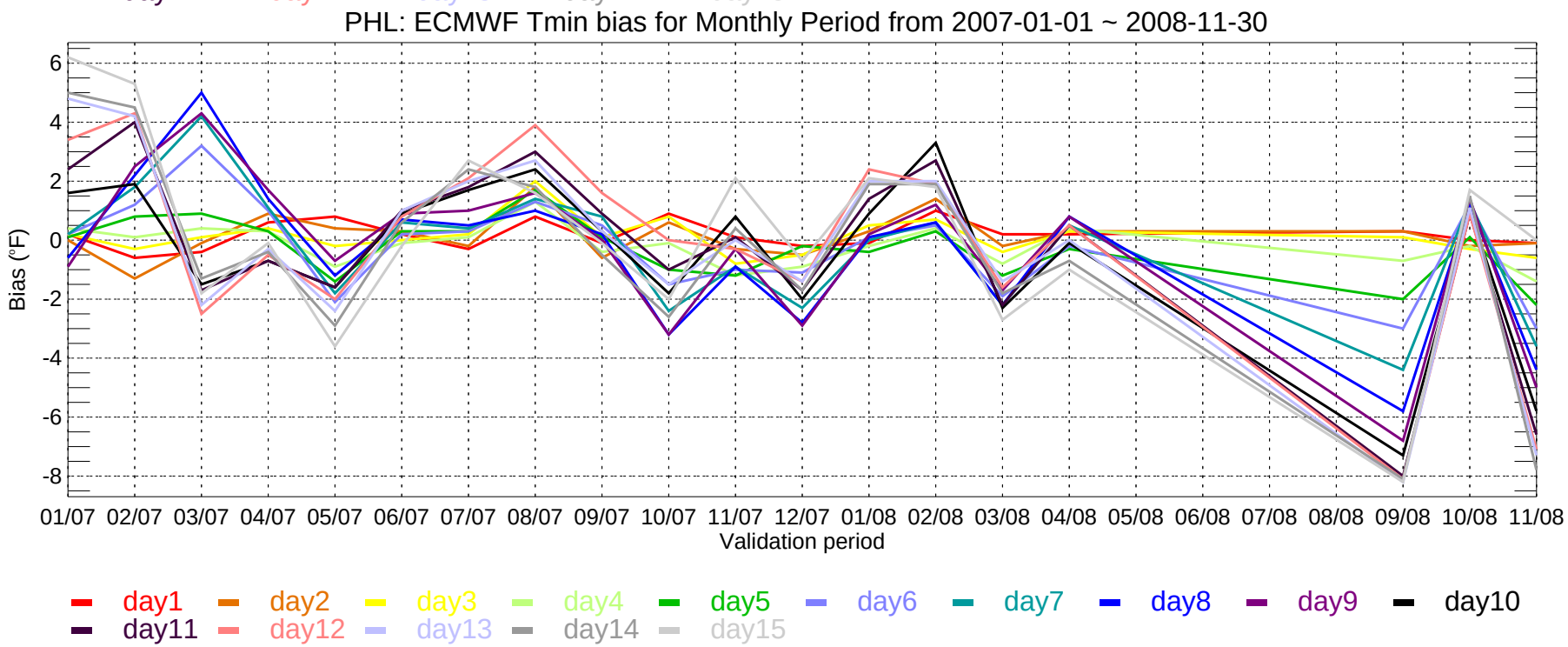

PDX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

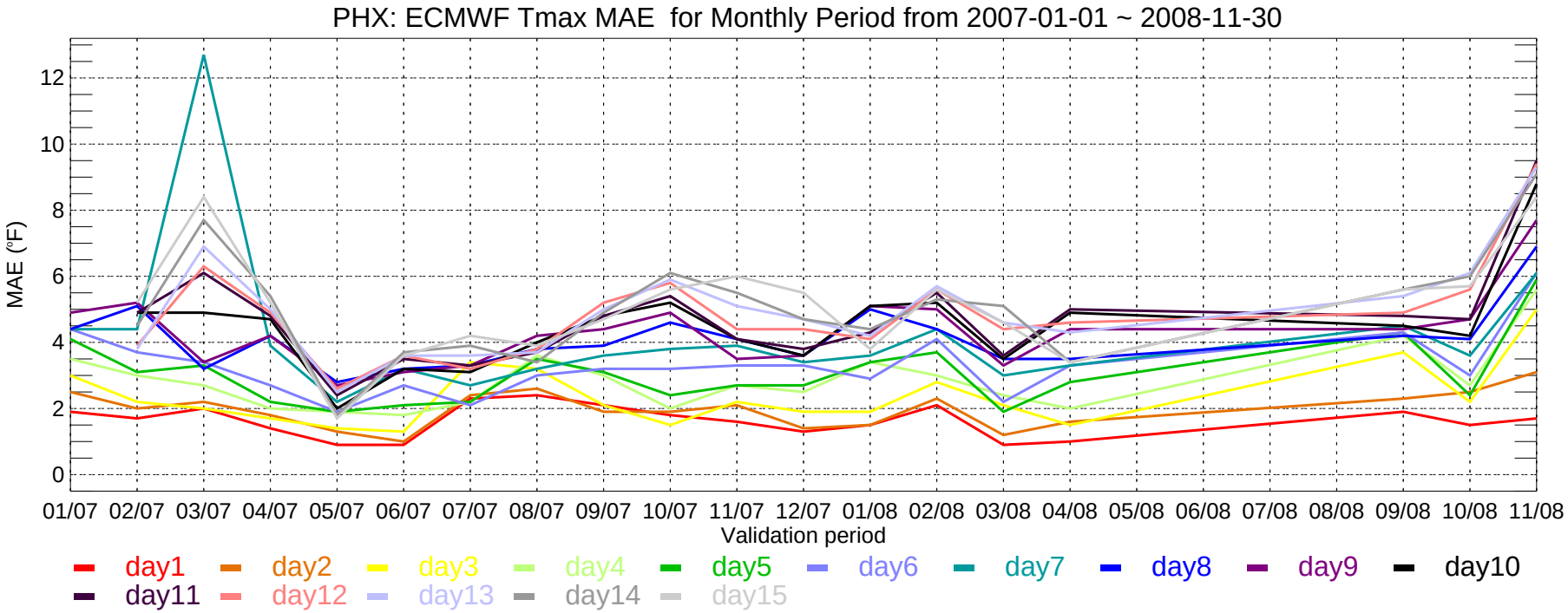

PDX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

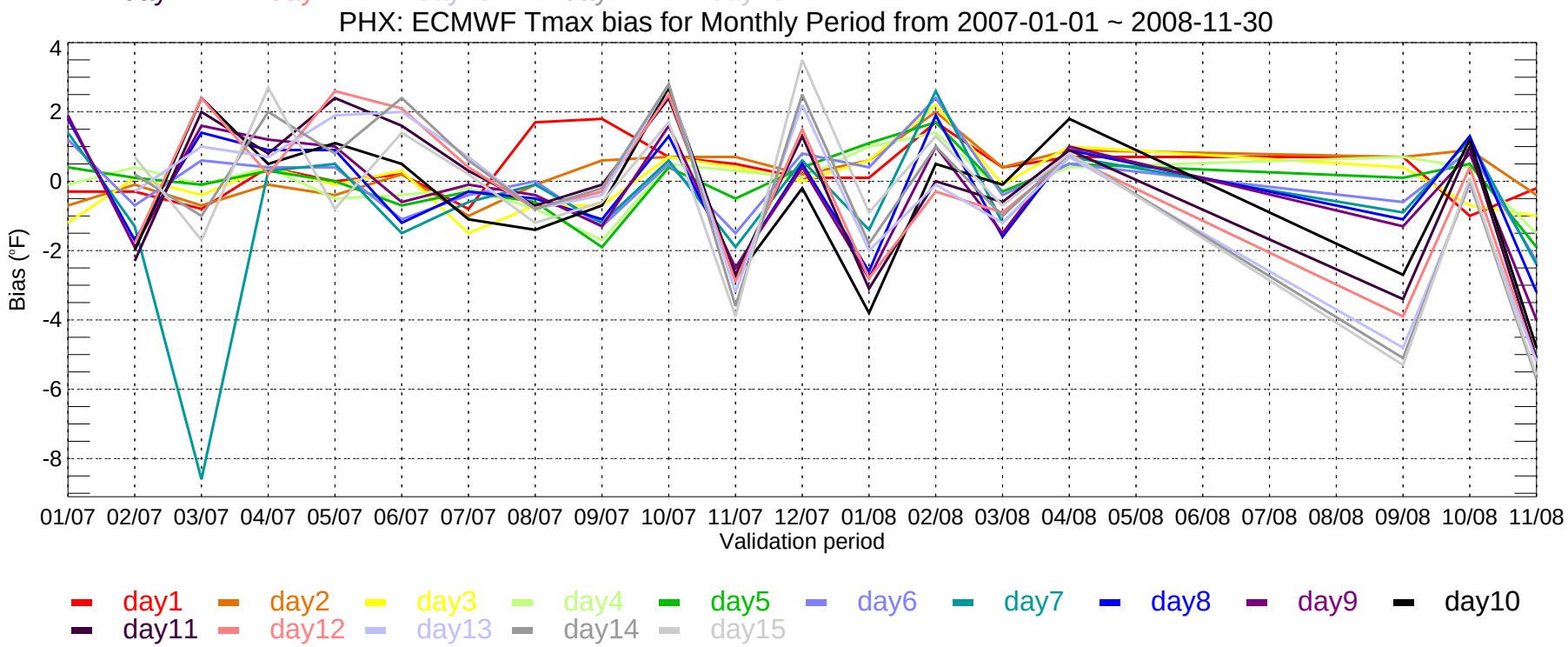

PHL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

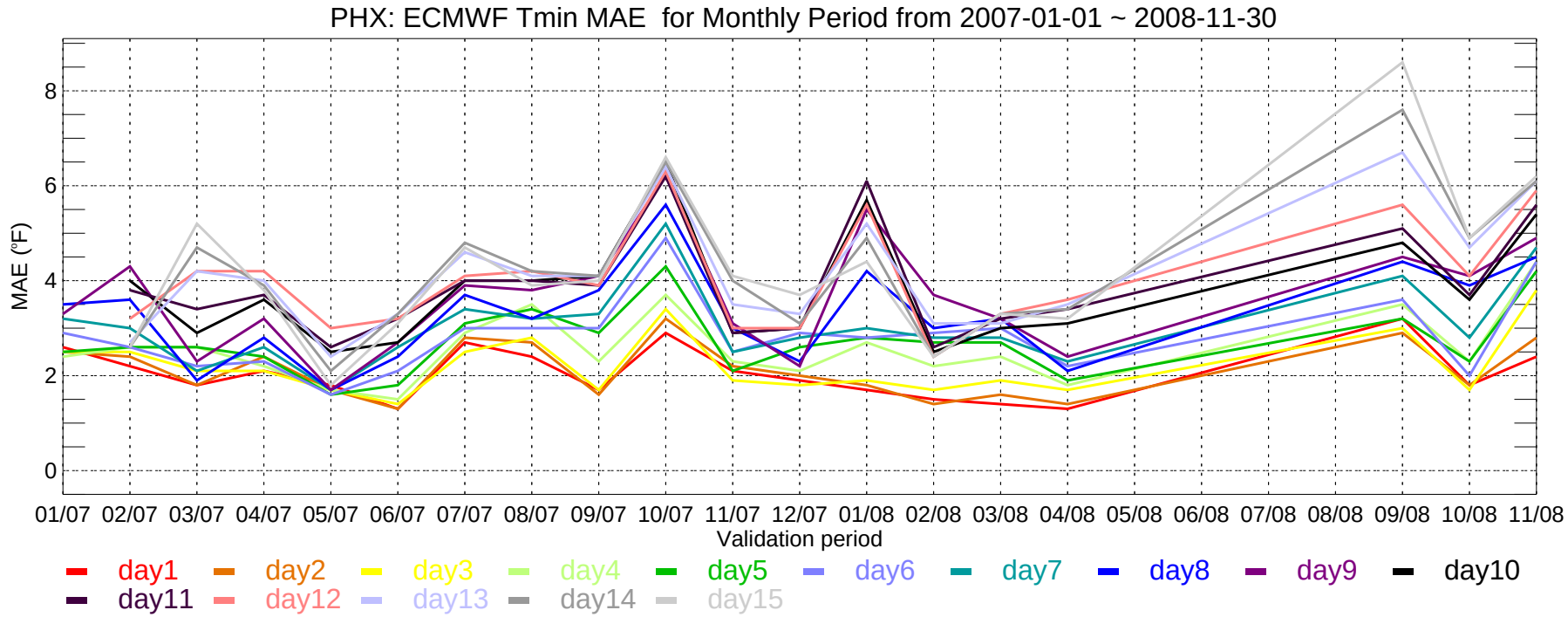

PHL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

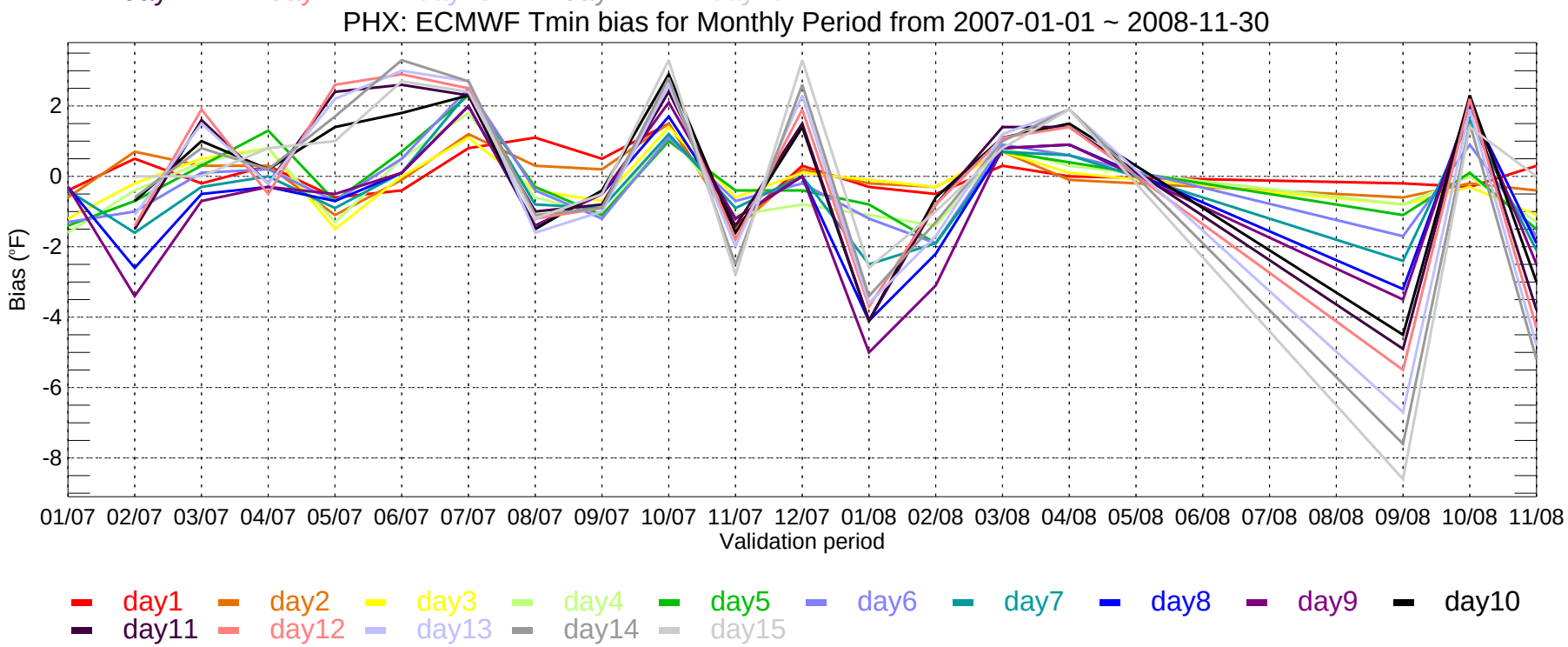

PHL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

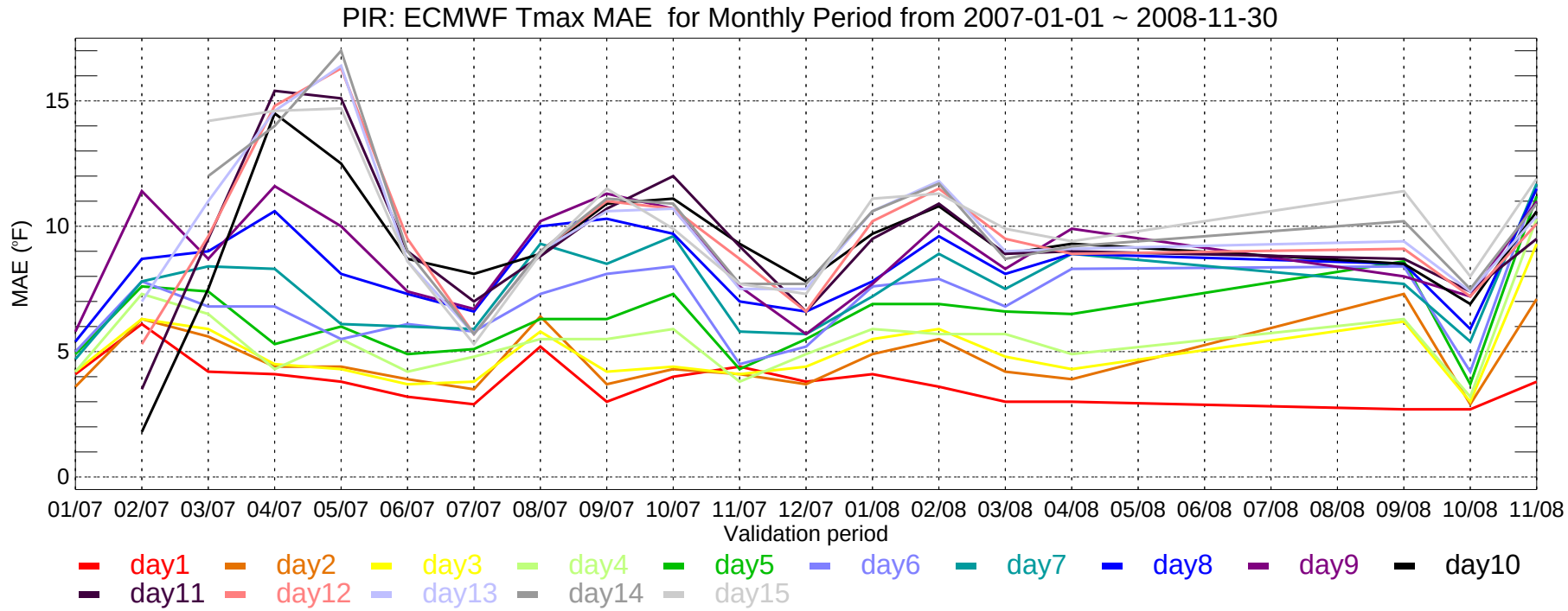

PHL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

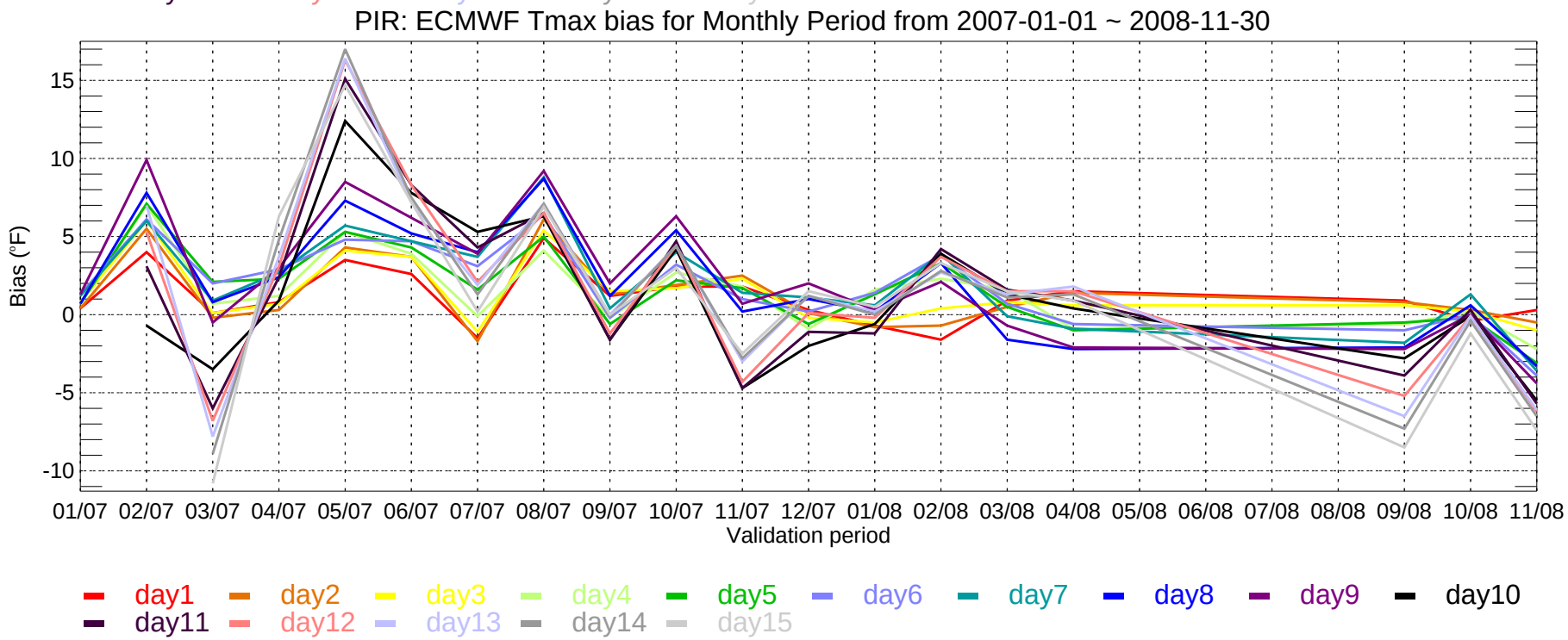

PHX: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

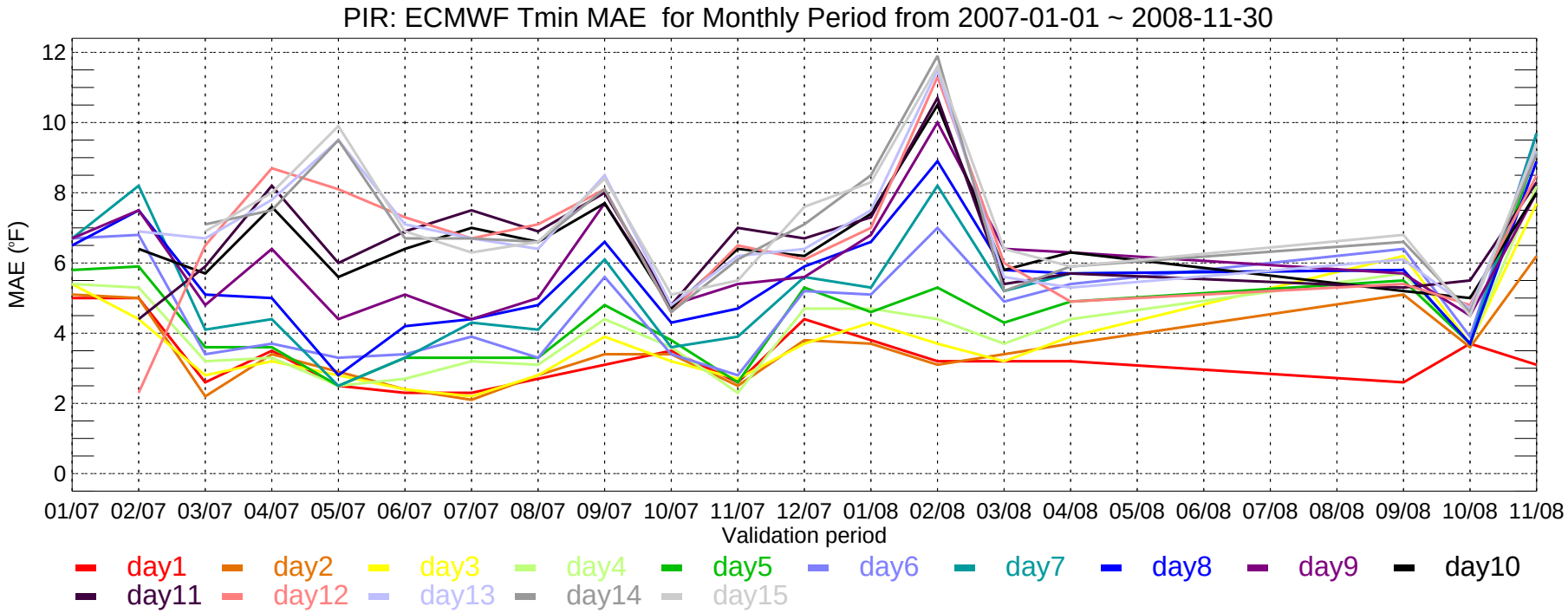

PHX: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

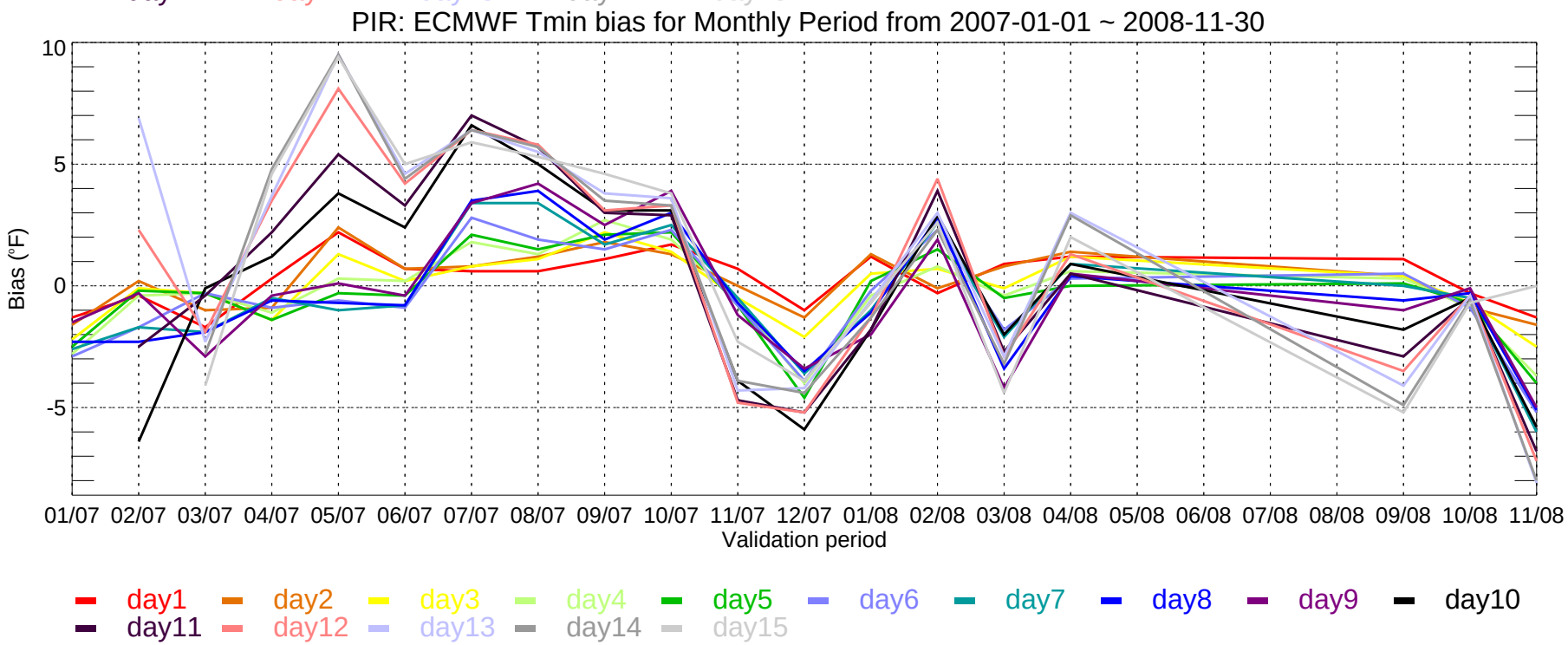

PHX: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

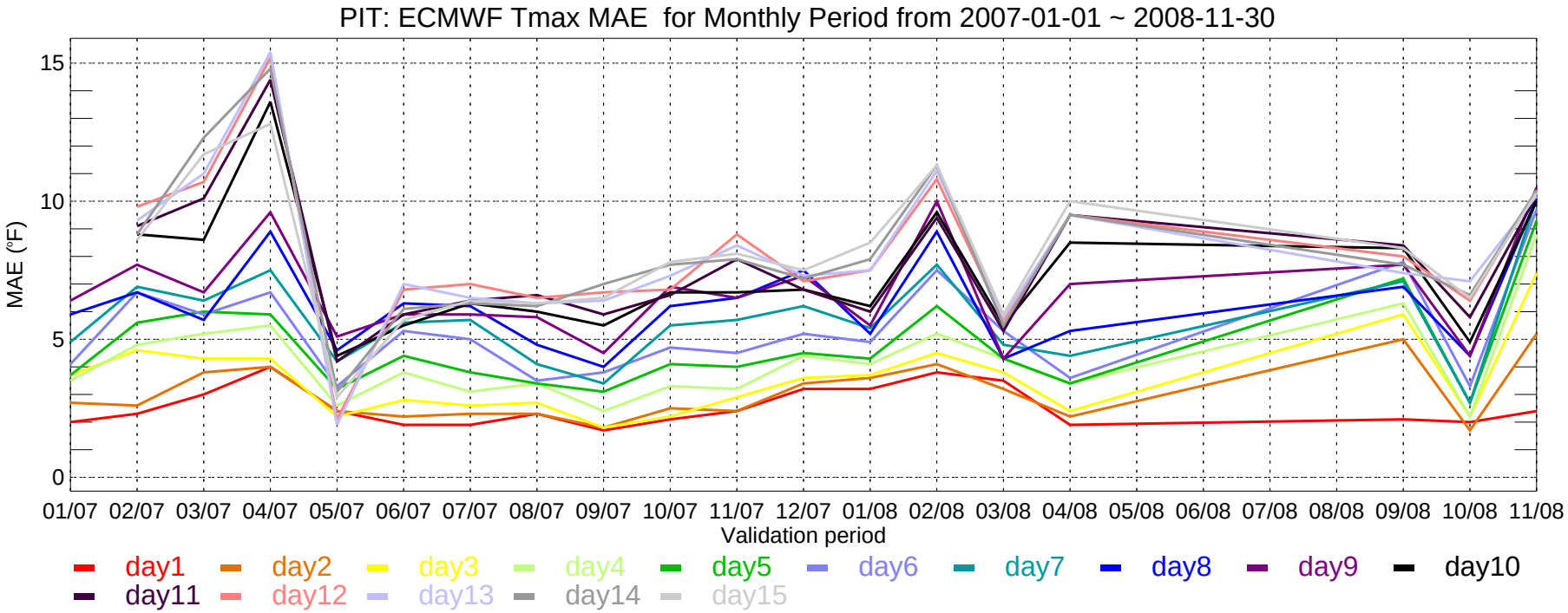

PHX: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

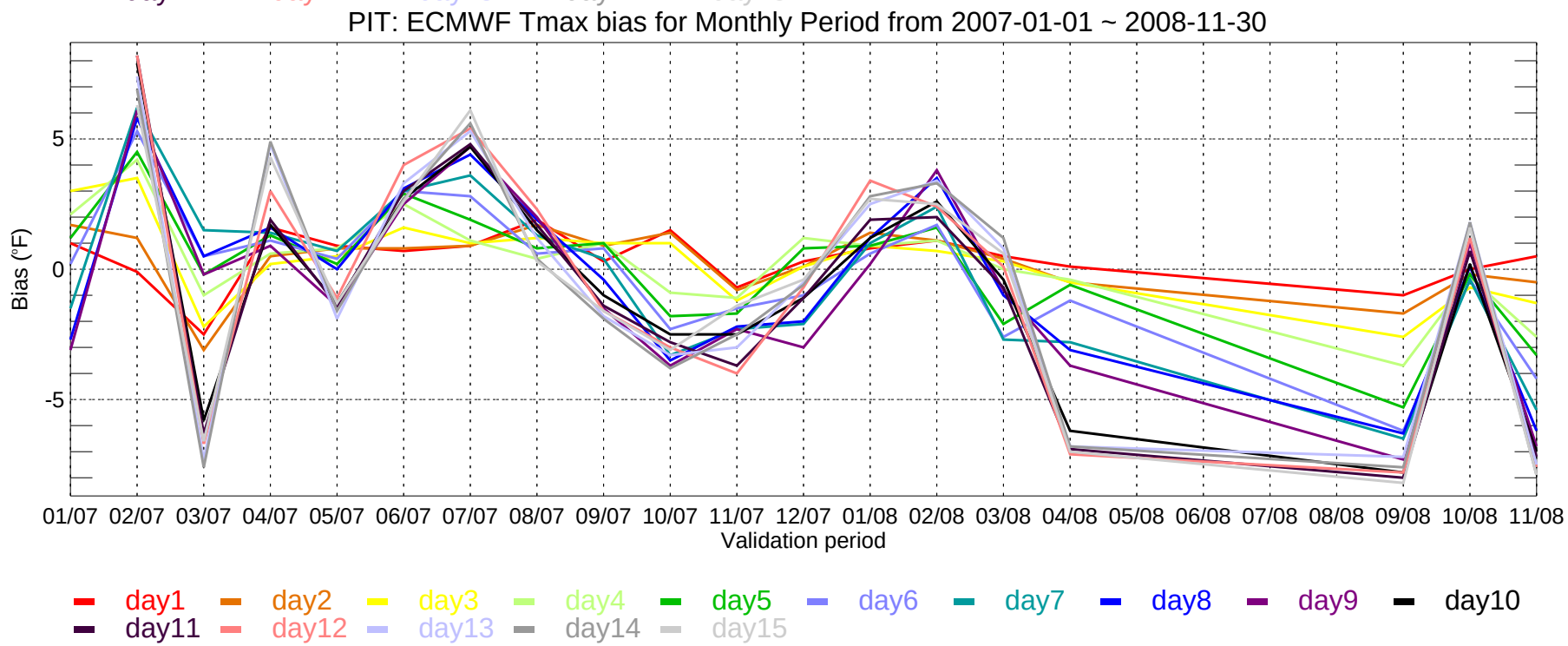

PIR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

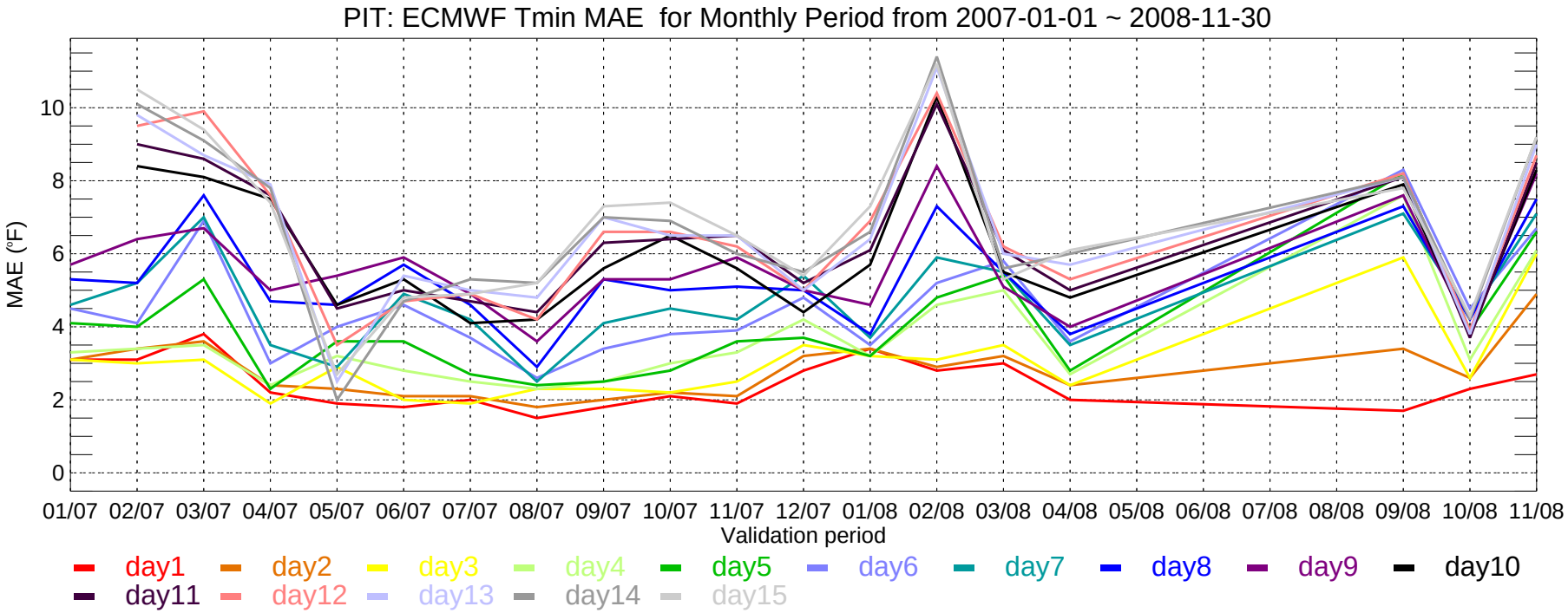

PIR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

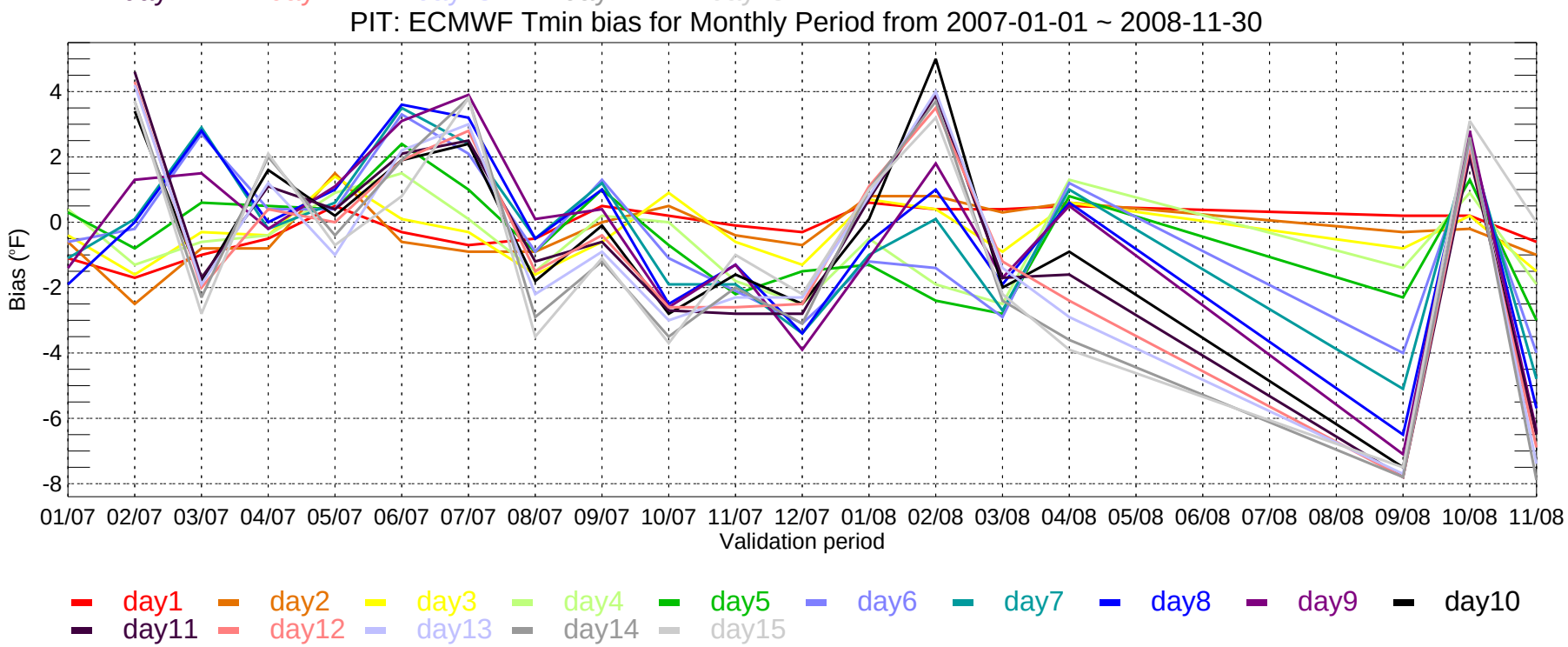

PIR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

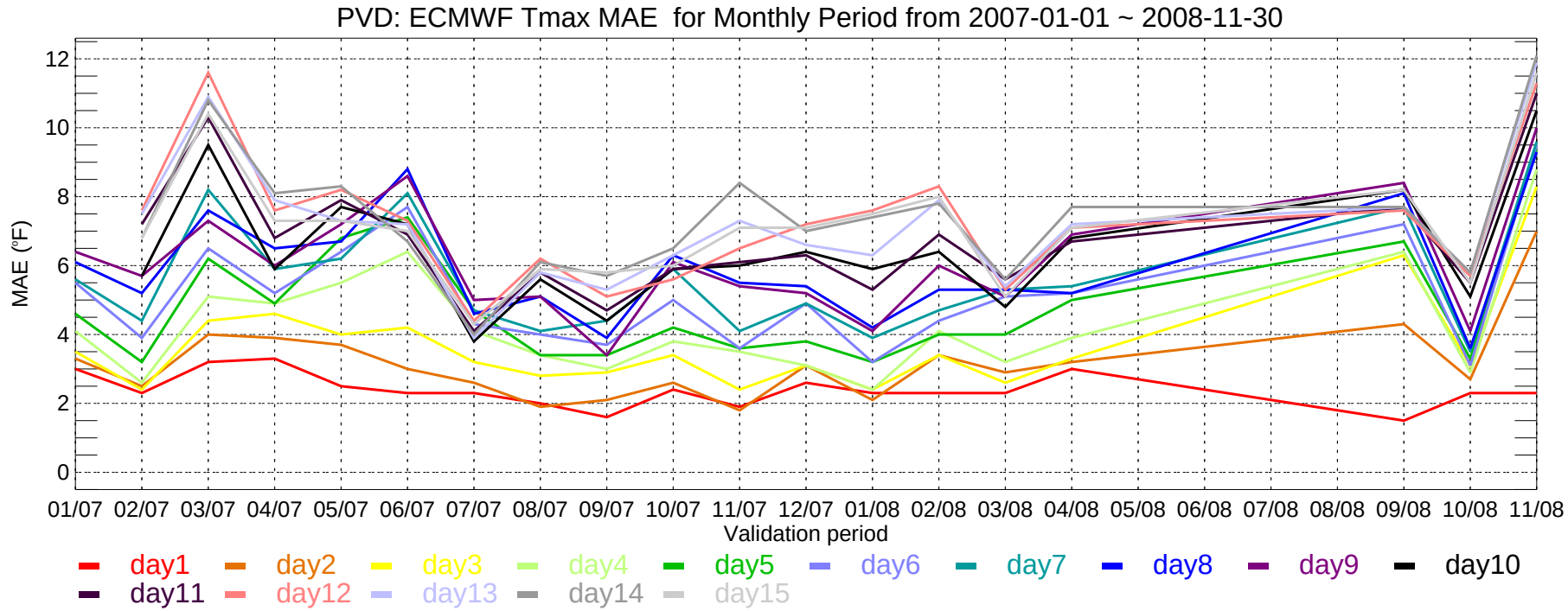

PIR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

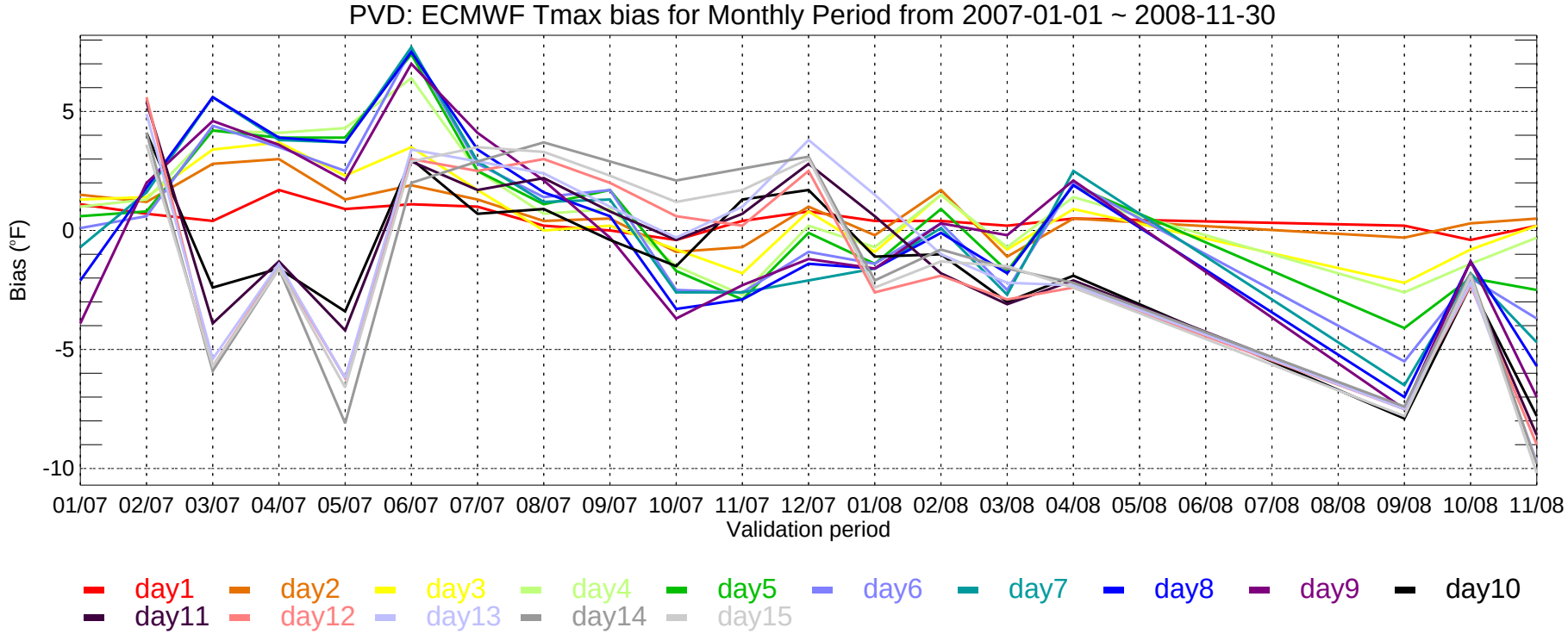

PIT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

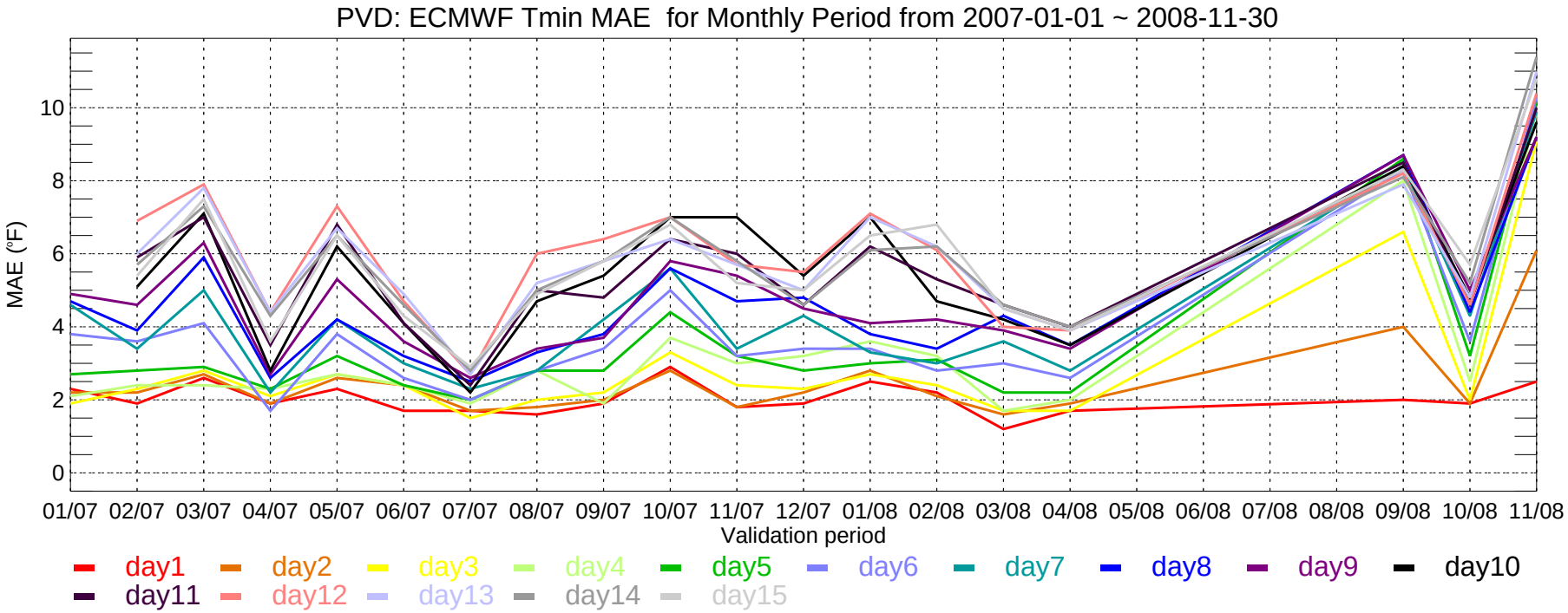

PIT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


PIT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


PIT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-8
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


PVD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


PVD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


PVD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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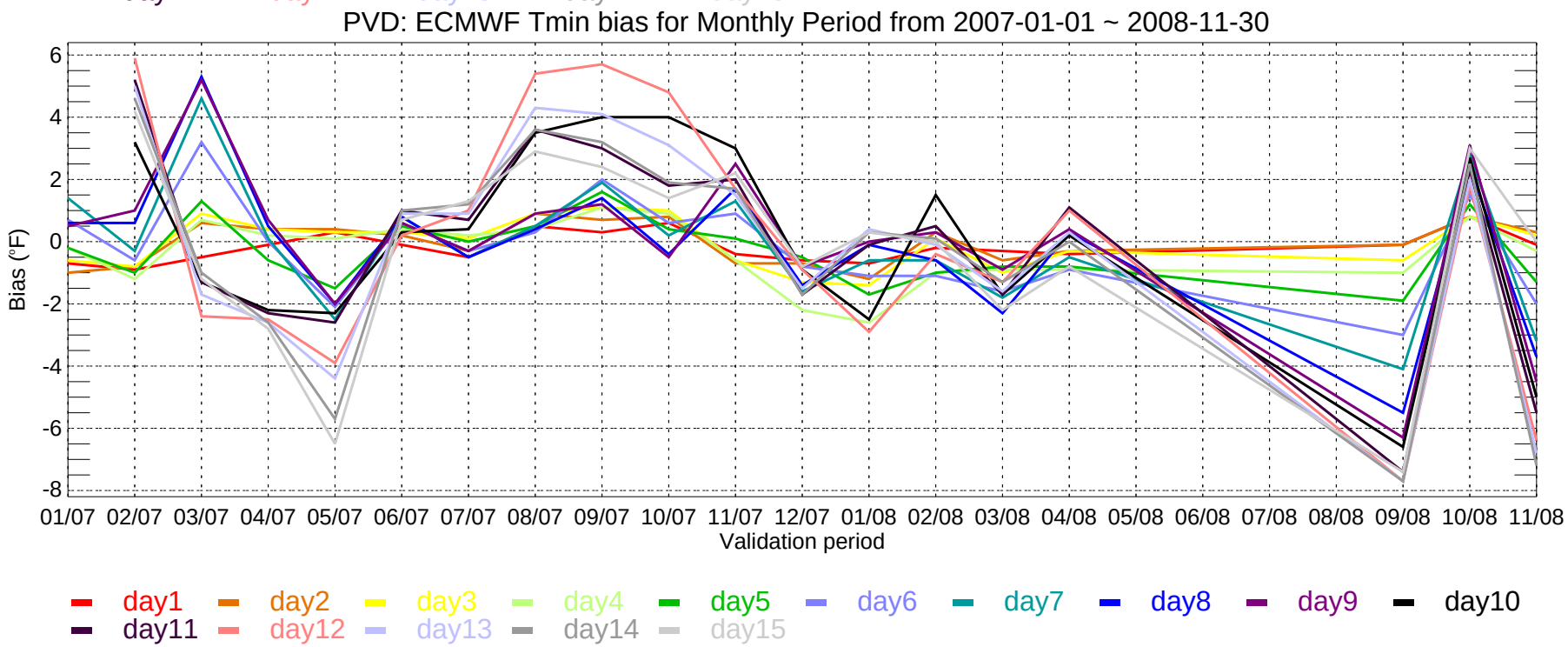
PVD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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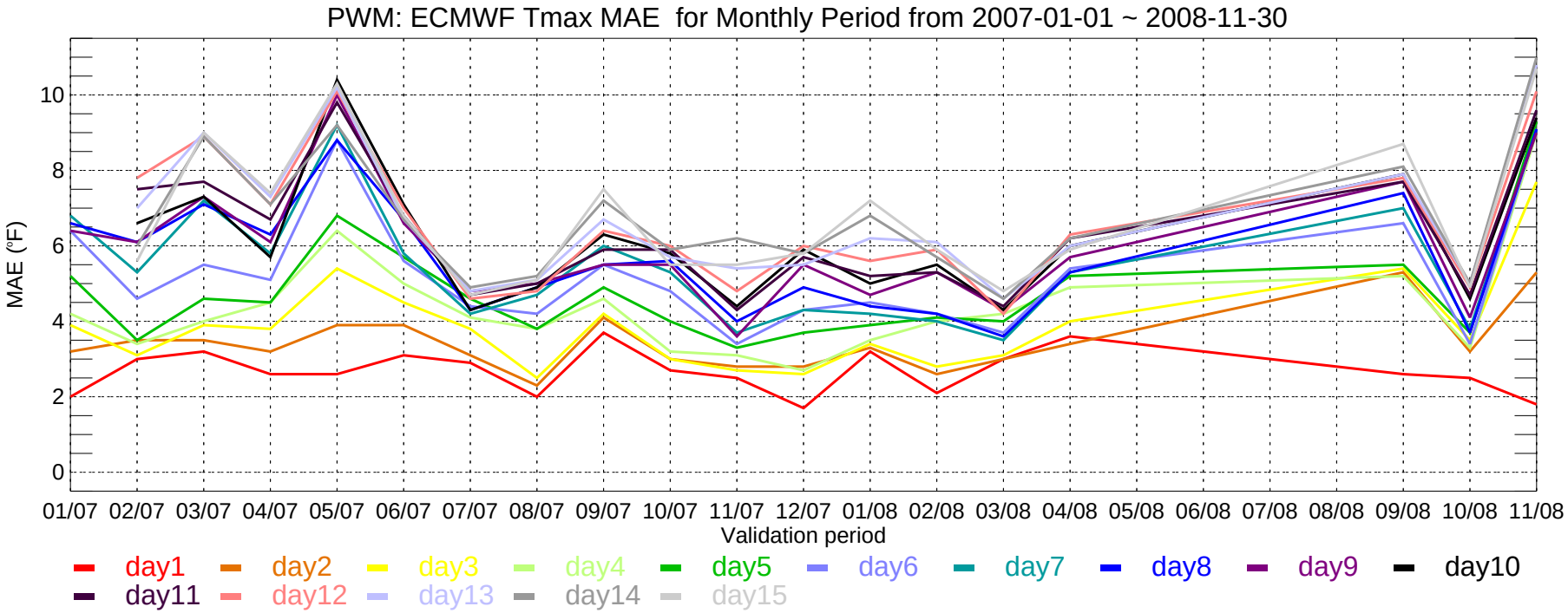
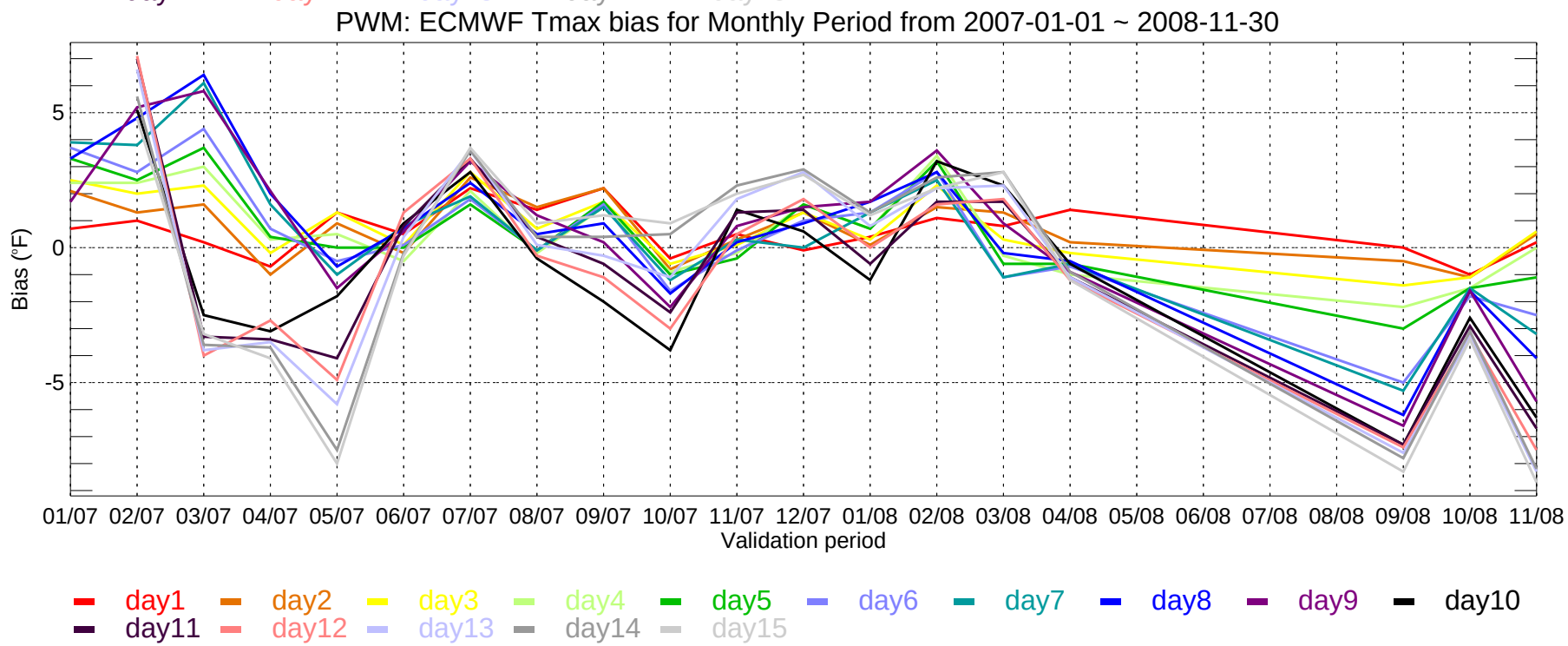
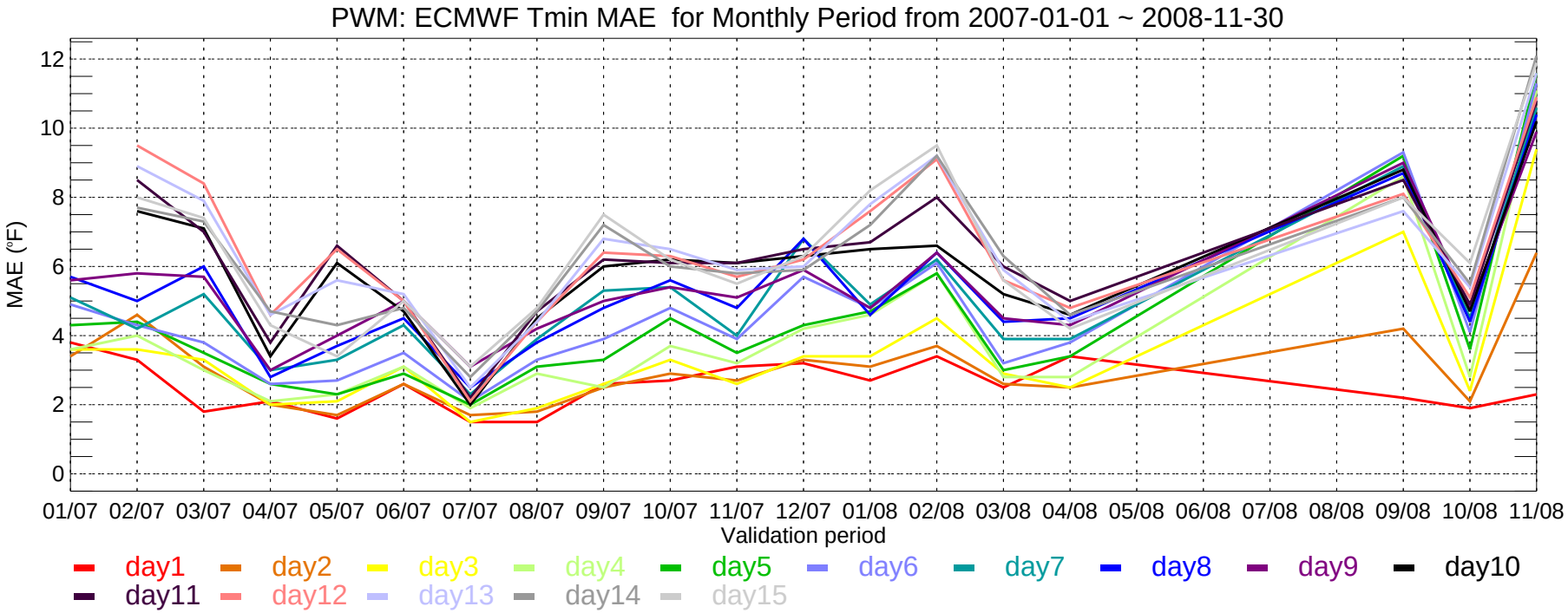
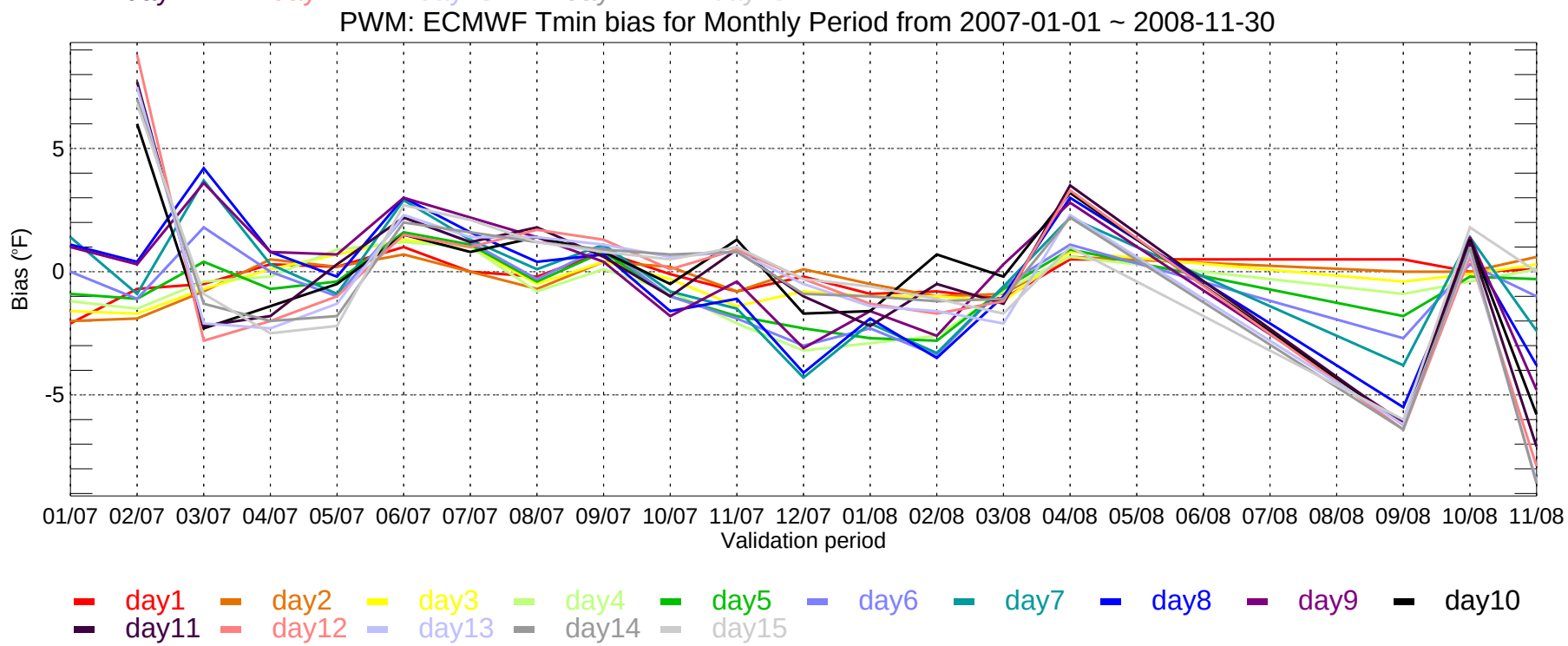
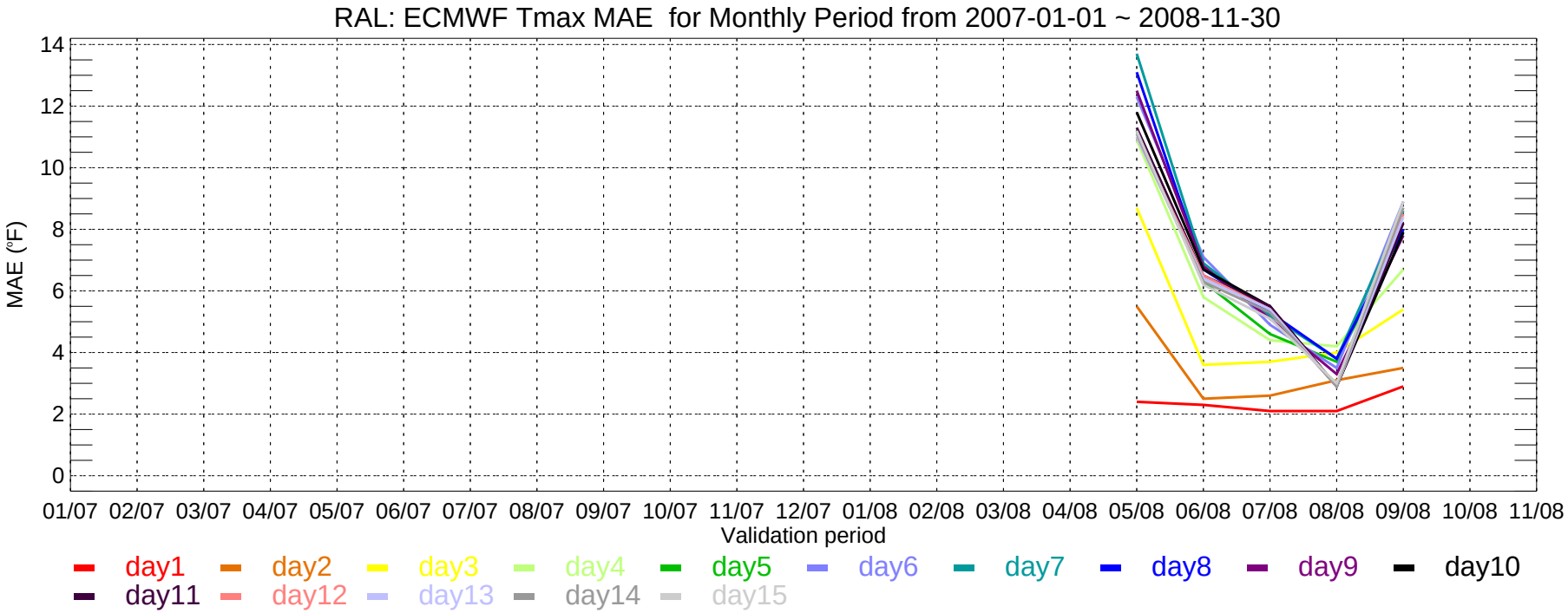
day11 day12 day13 day14 day15

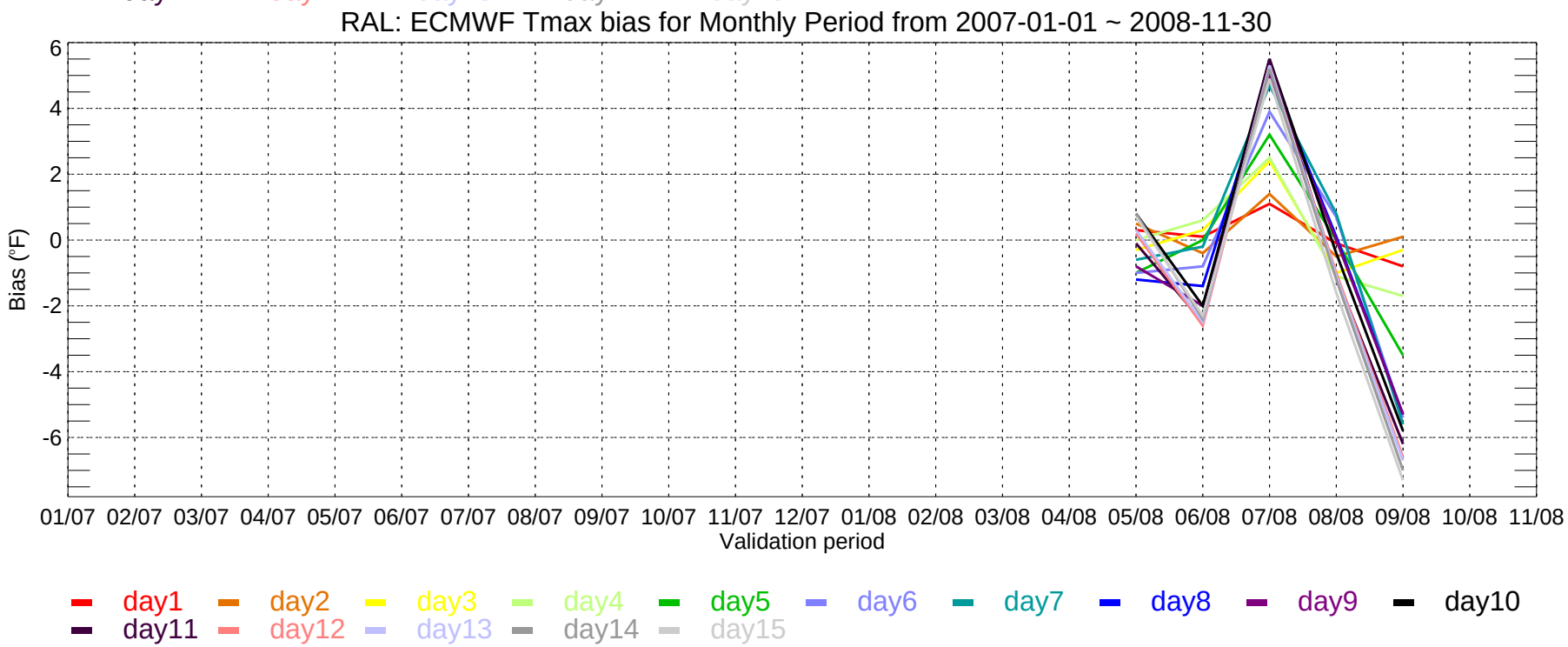

PWM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

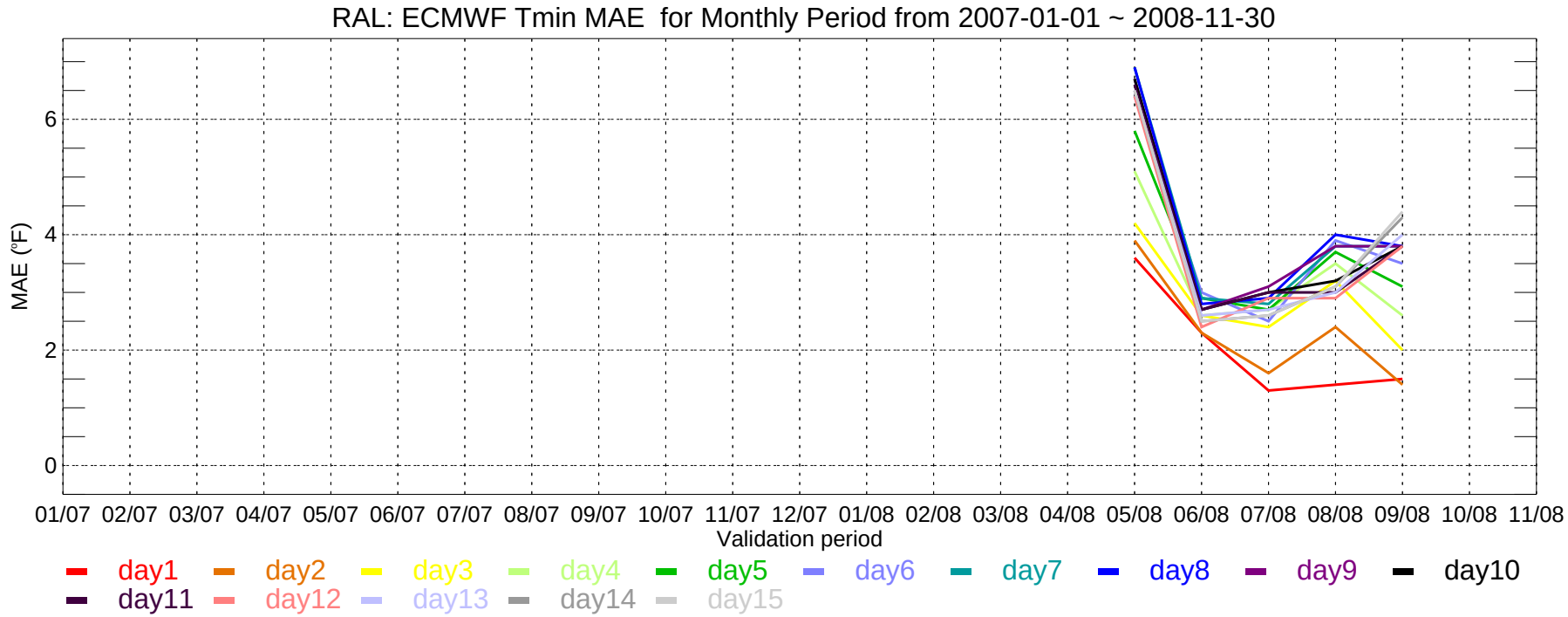

PWM: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

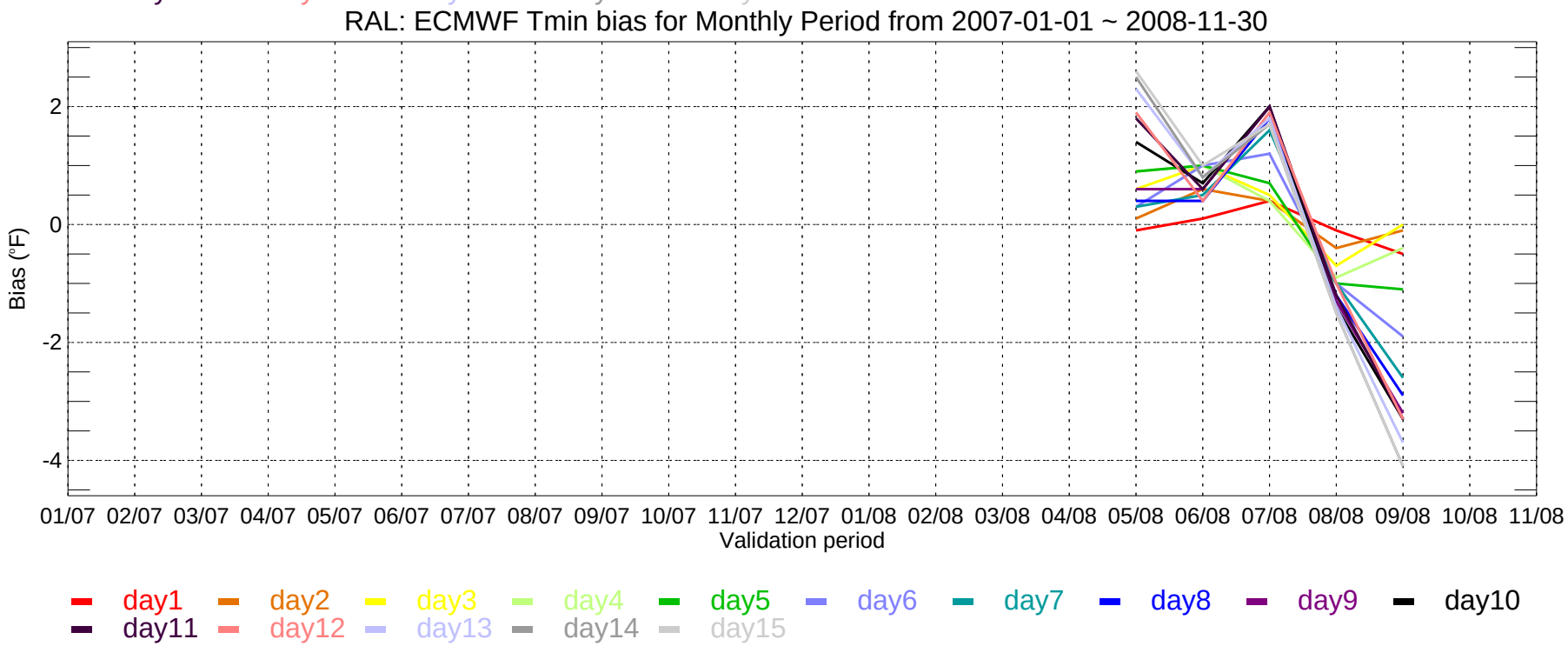

PWM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

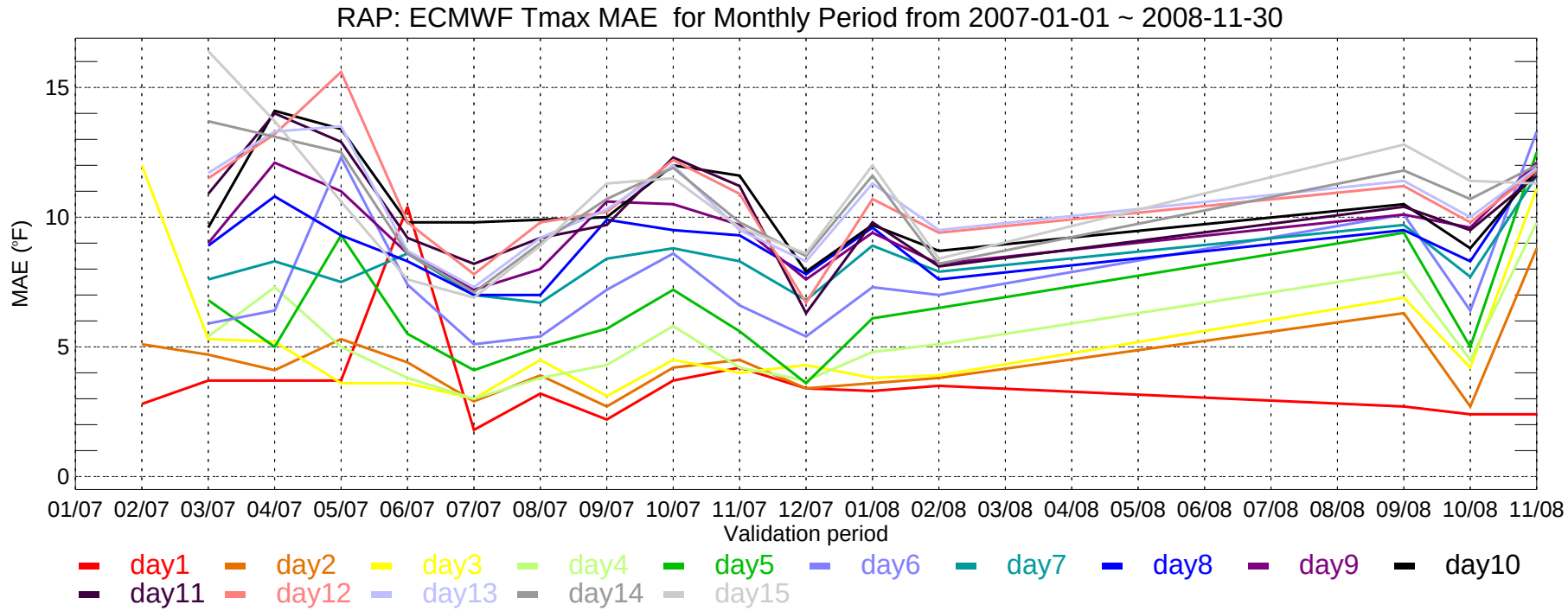

PWM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

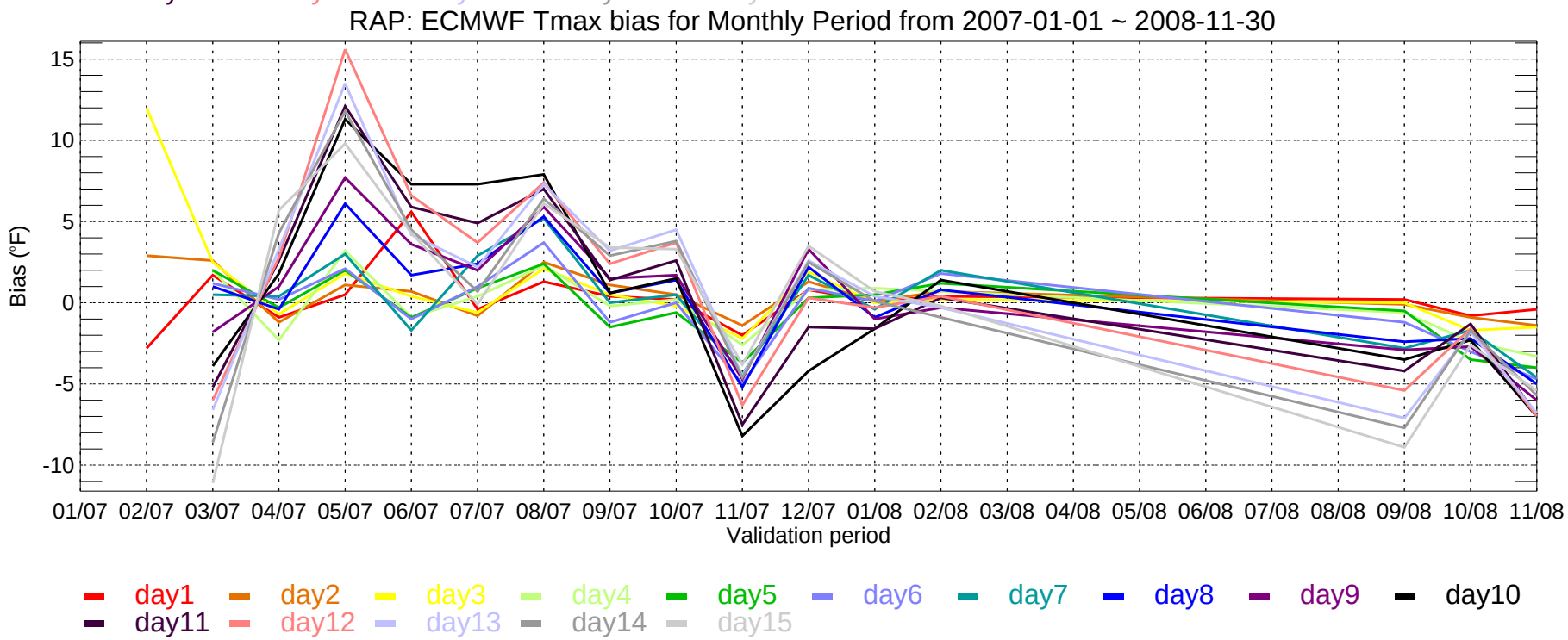

RAL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
14
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

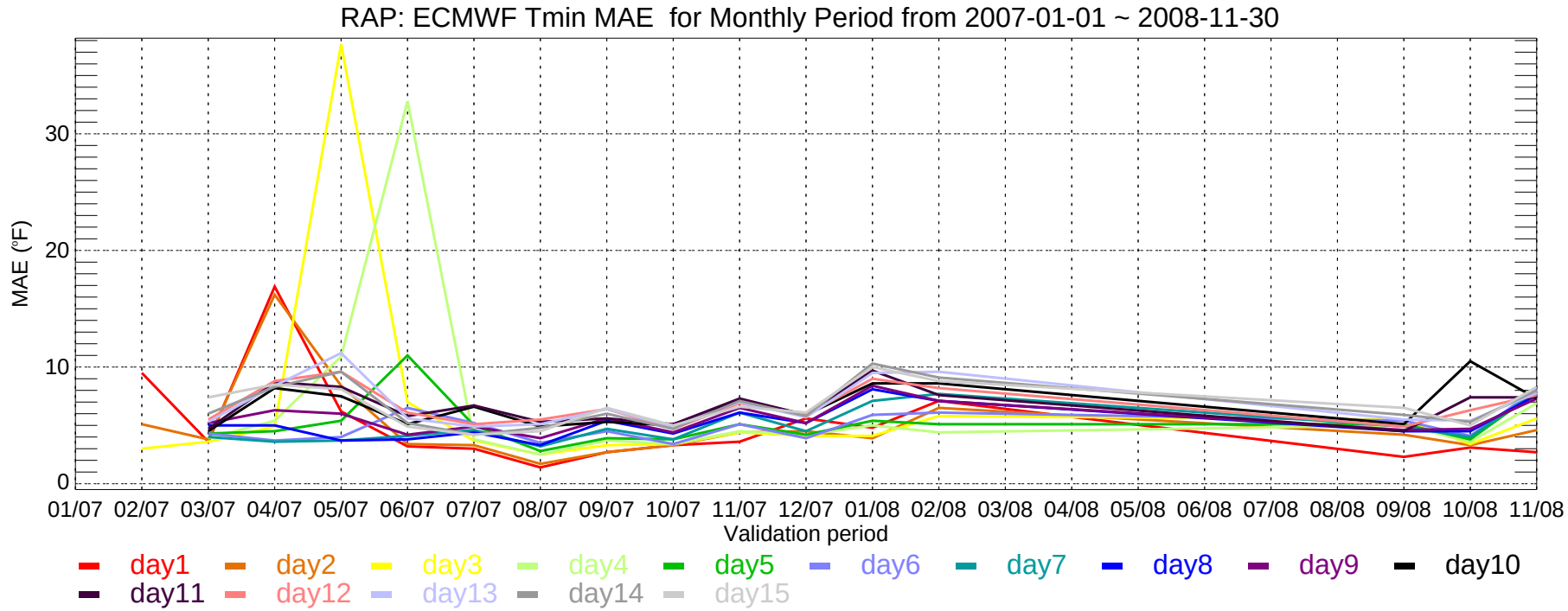

RAL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

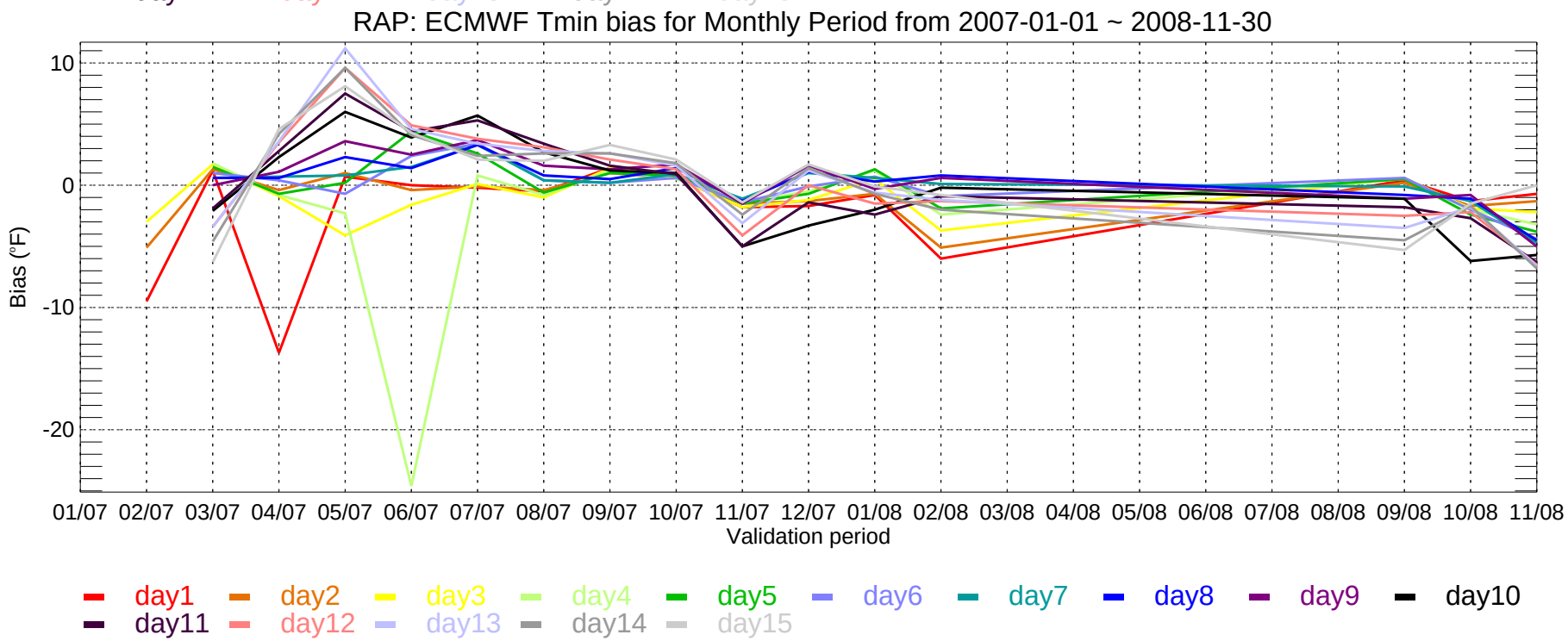

RAL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

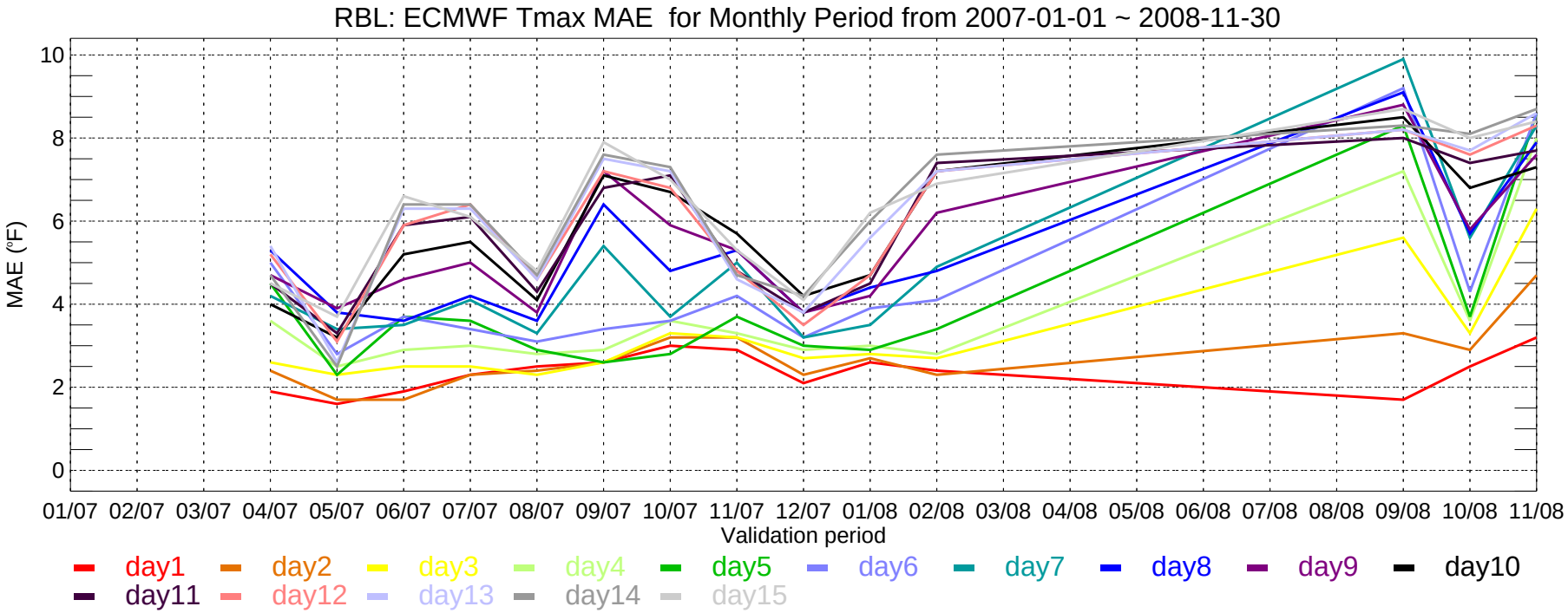

RAL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

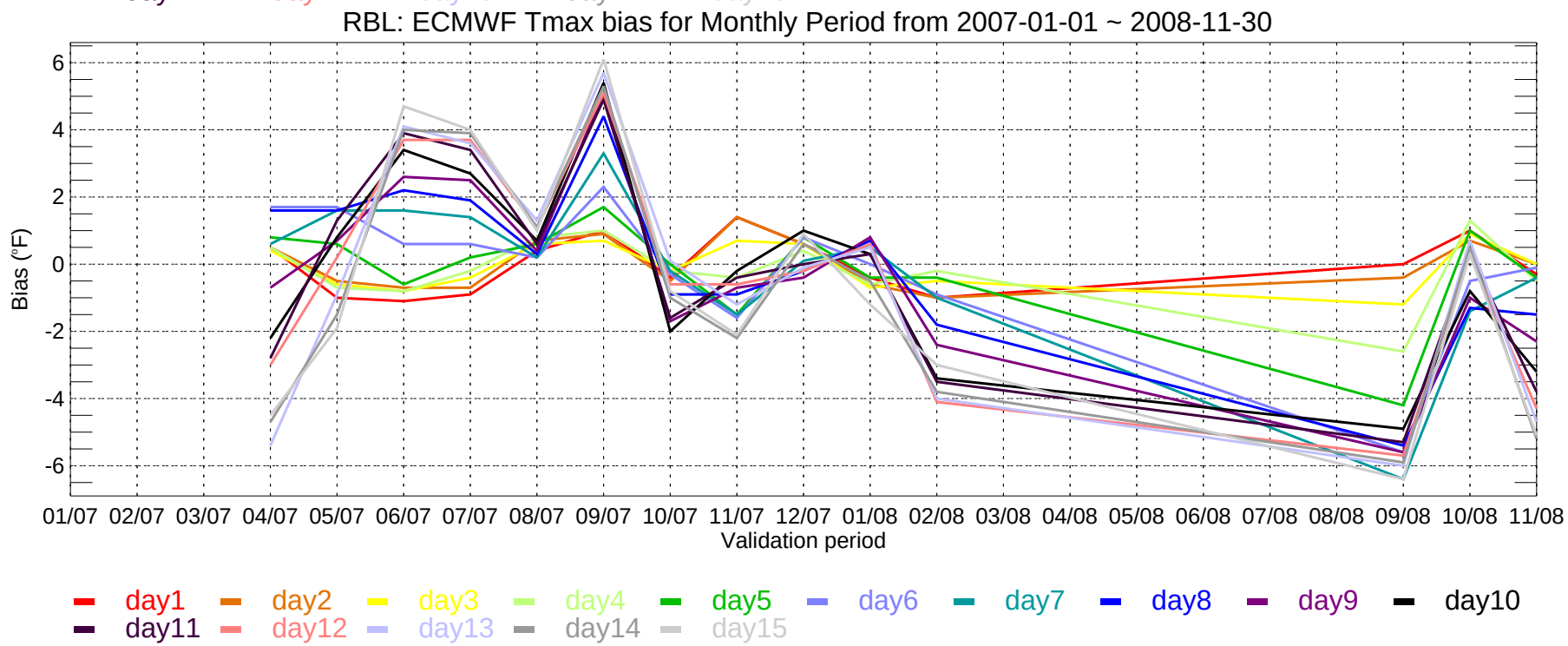

RAP: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

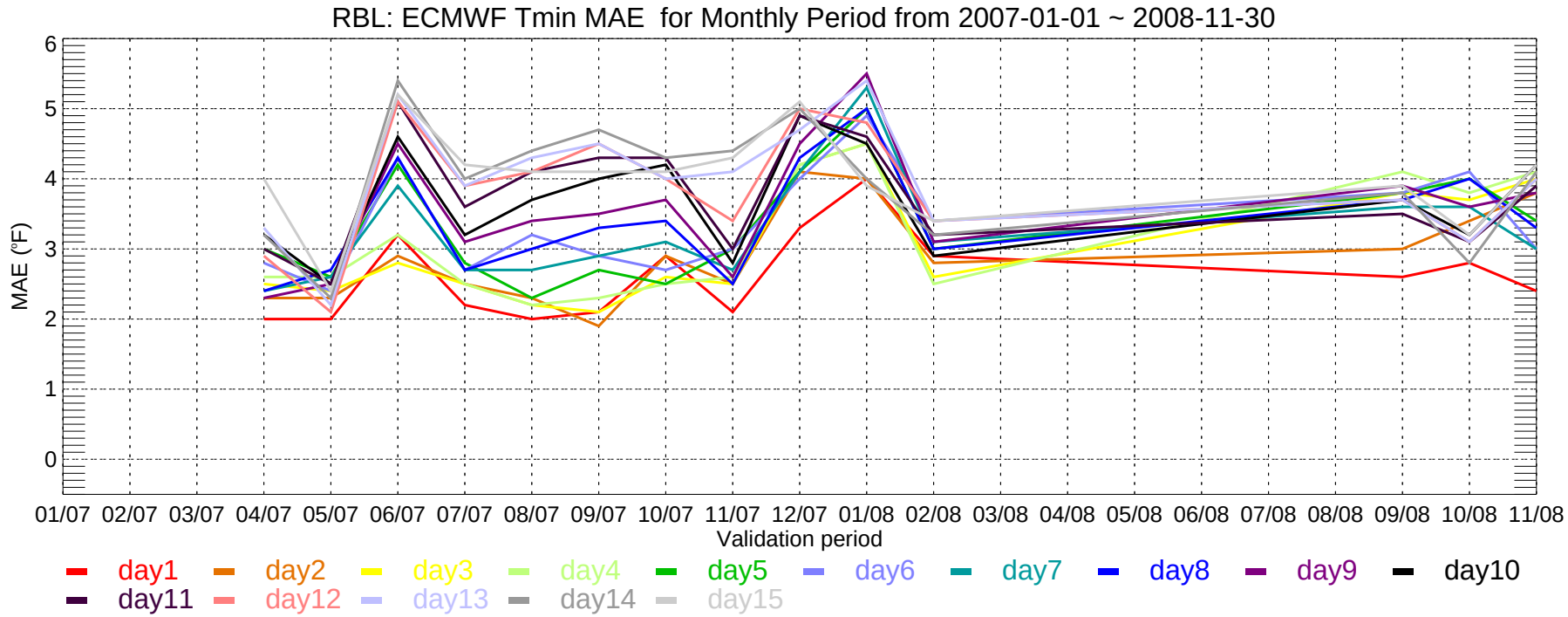

RAP: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
15
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

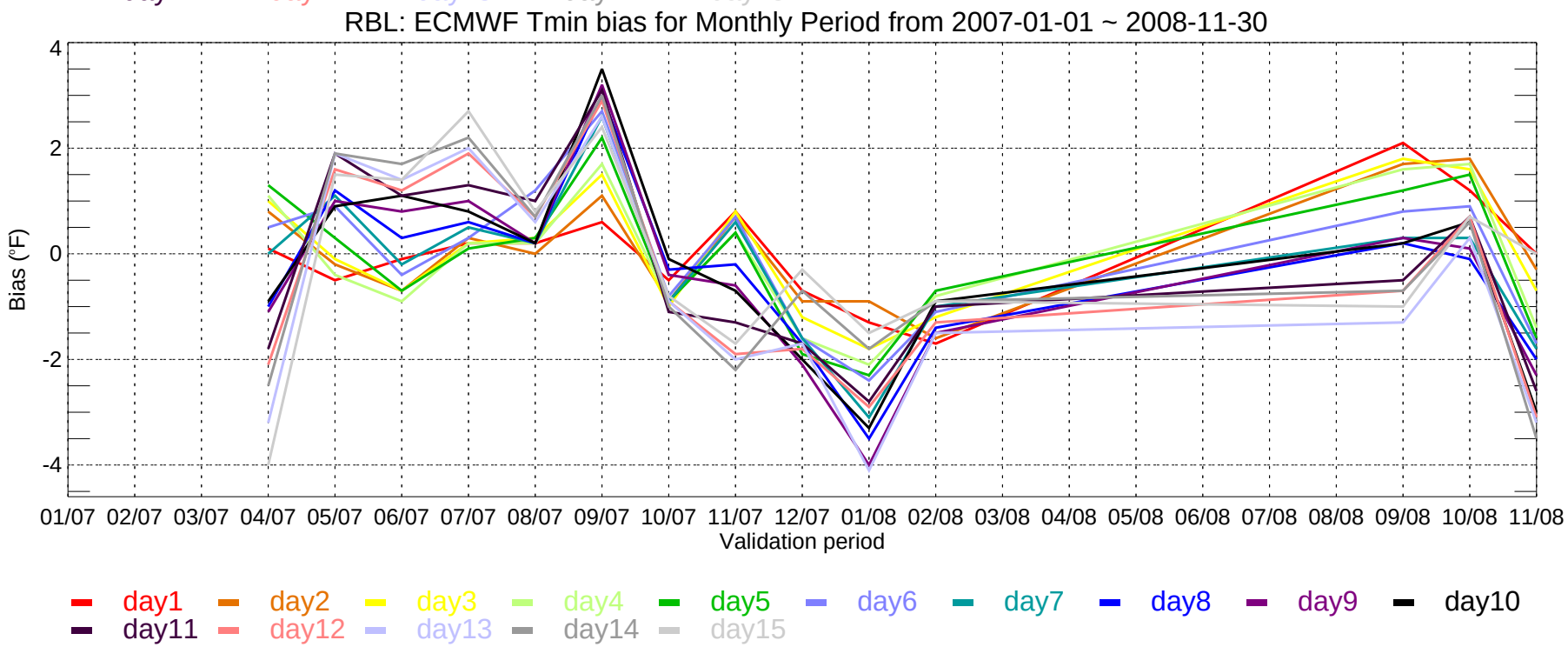

RAP: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
10
20
30
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

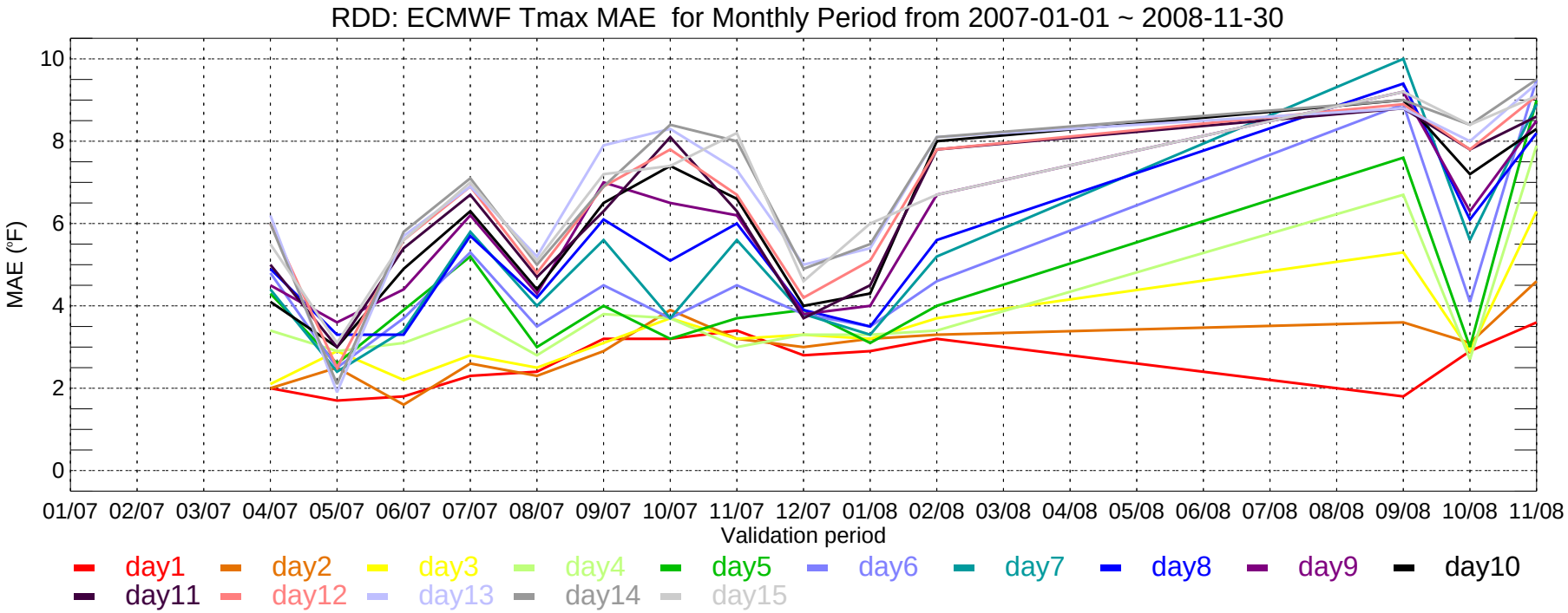

RAP: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
0
-10
-20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

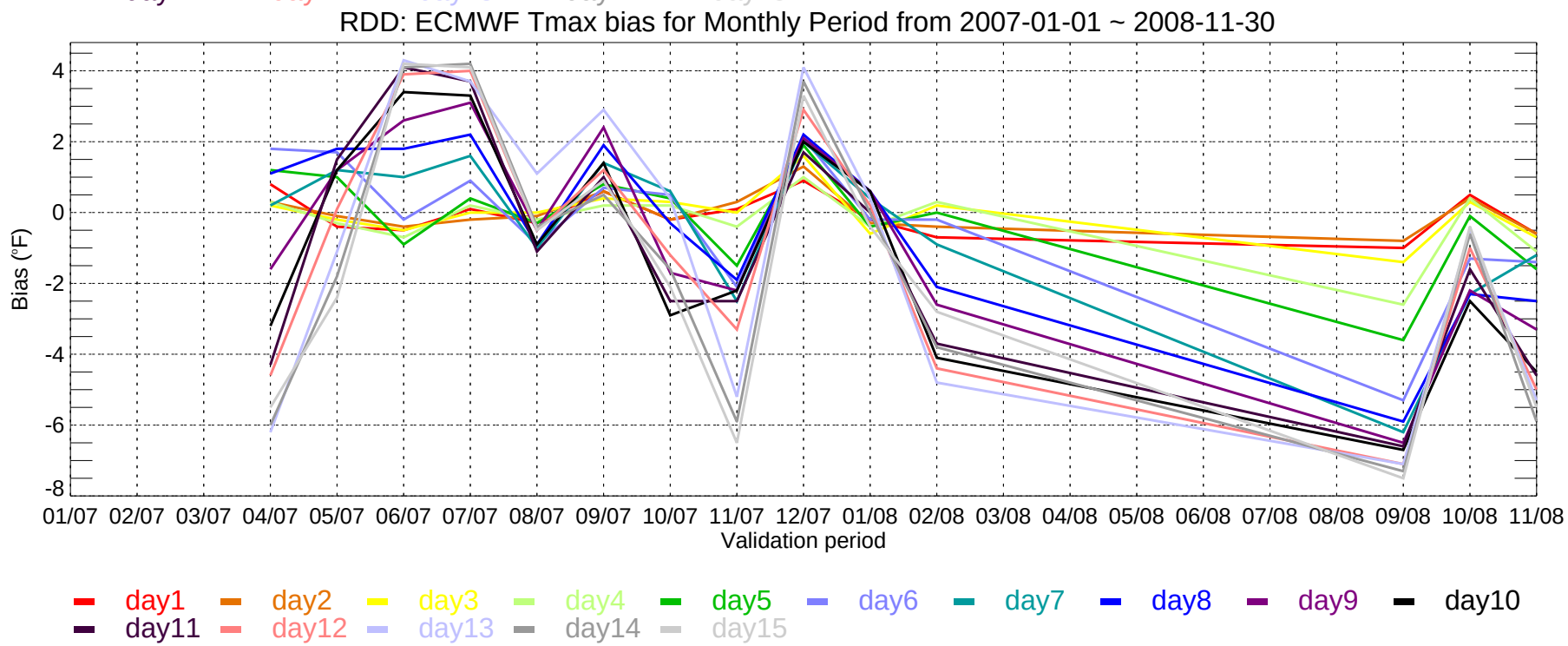

RBL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

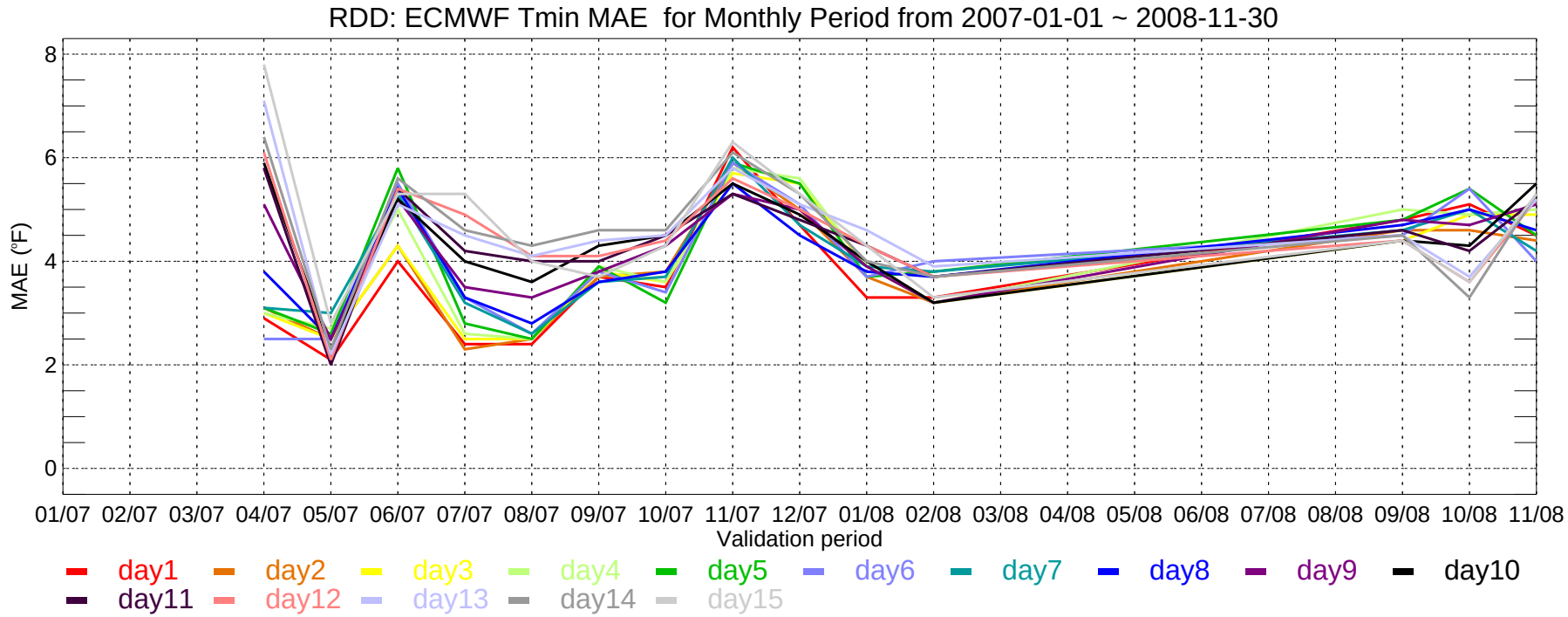

RBL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

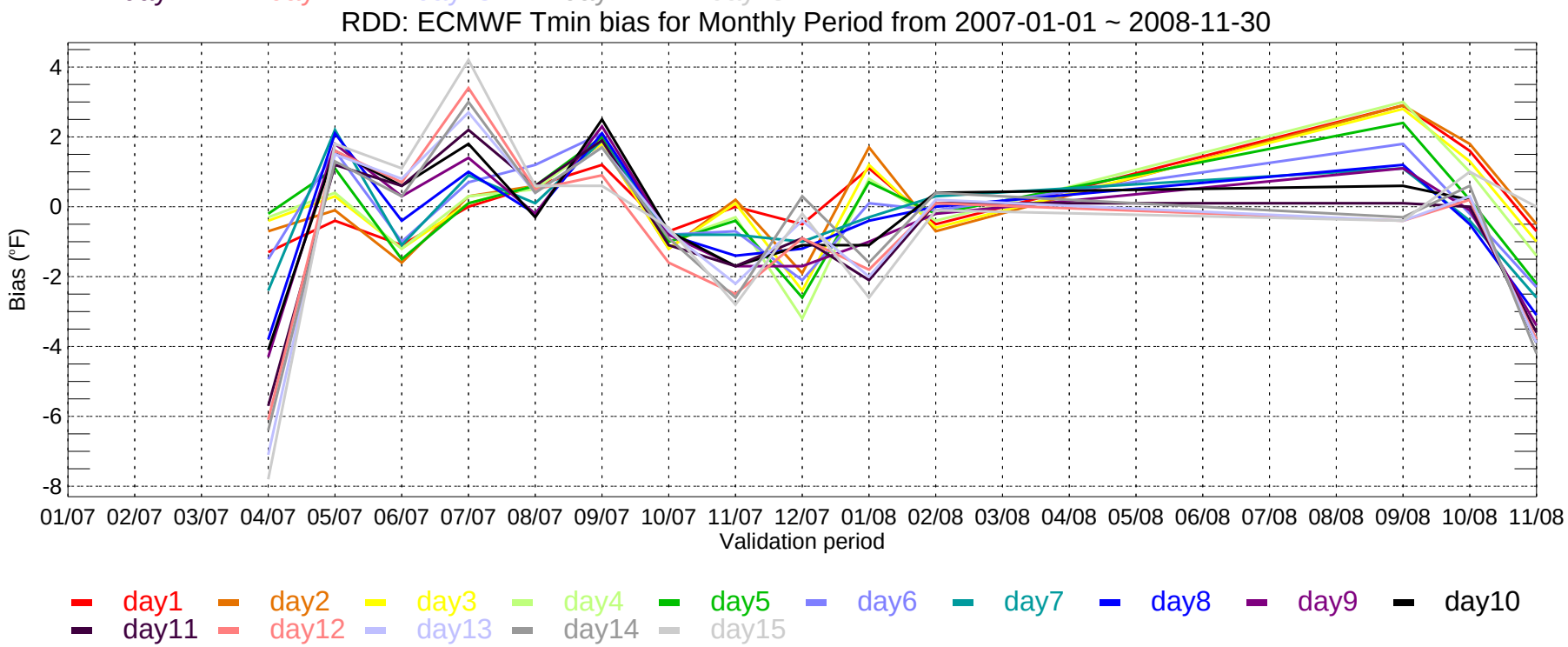

RBL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
6
5
4
3
2
1
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

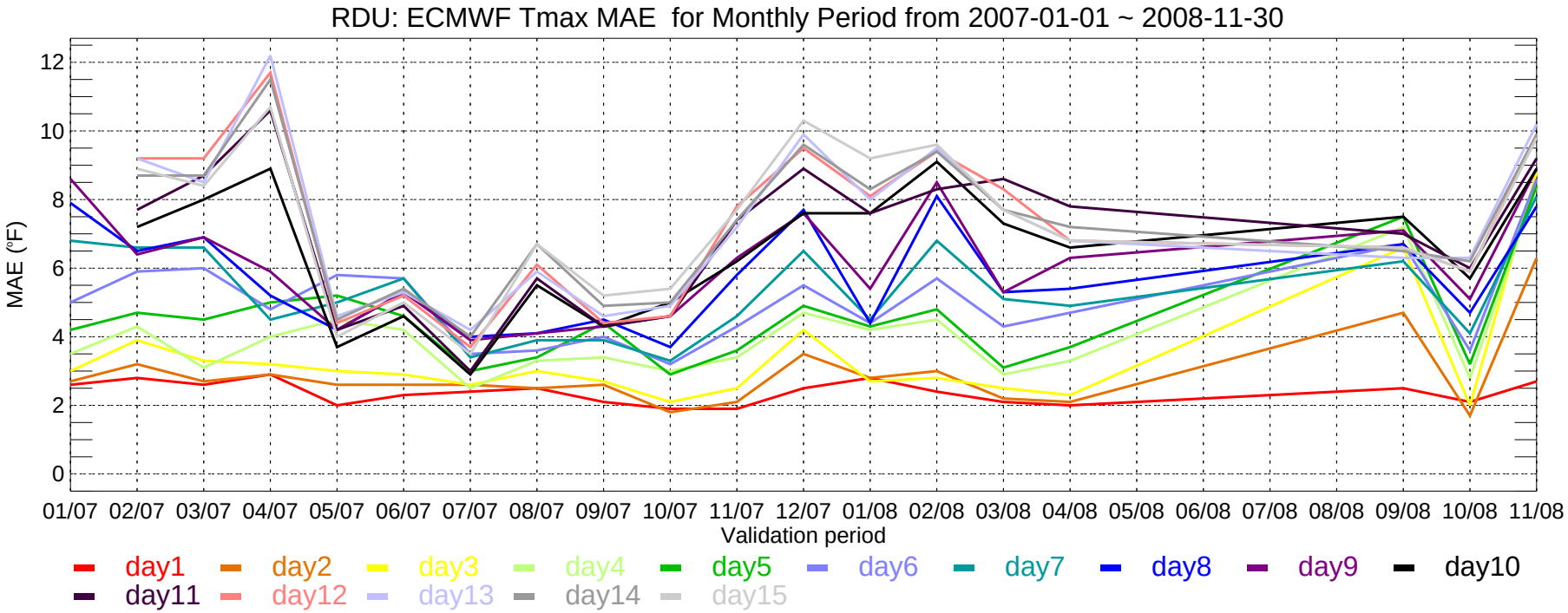

RBL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

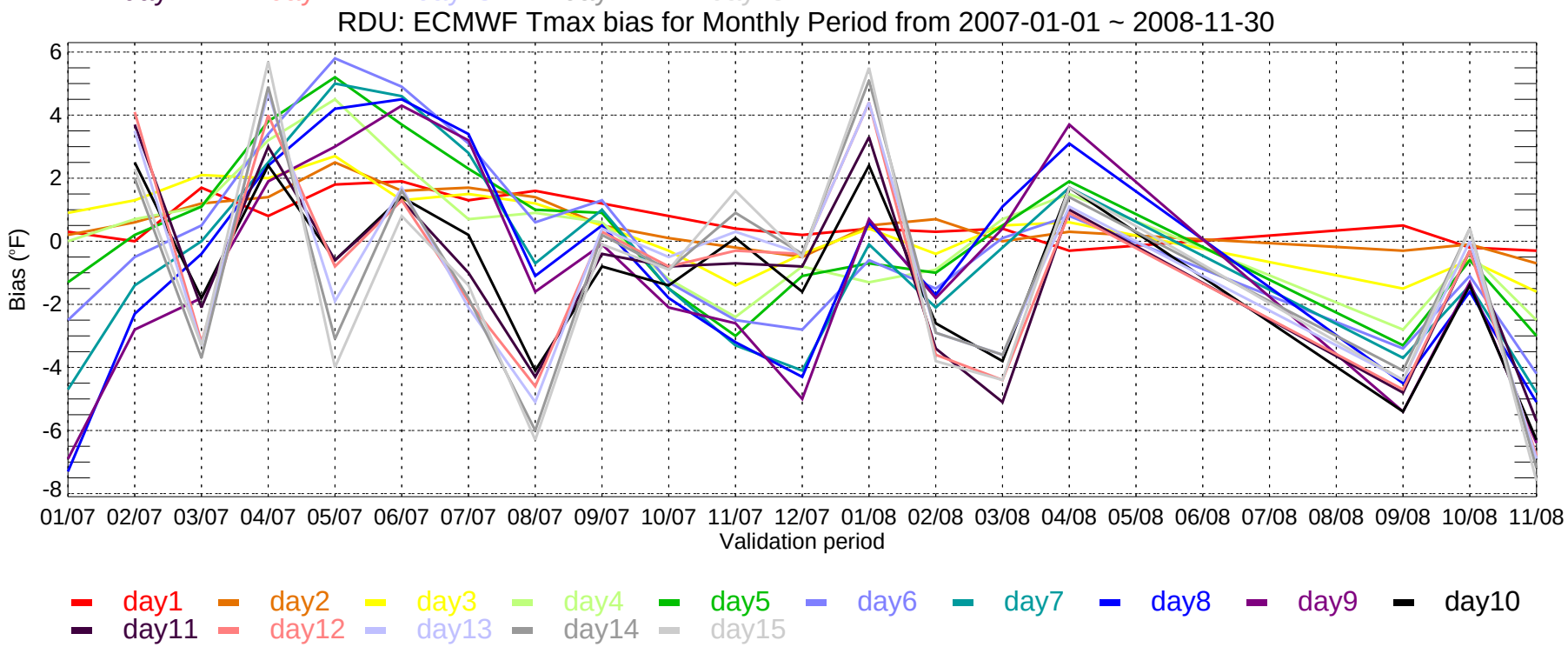

RDD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

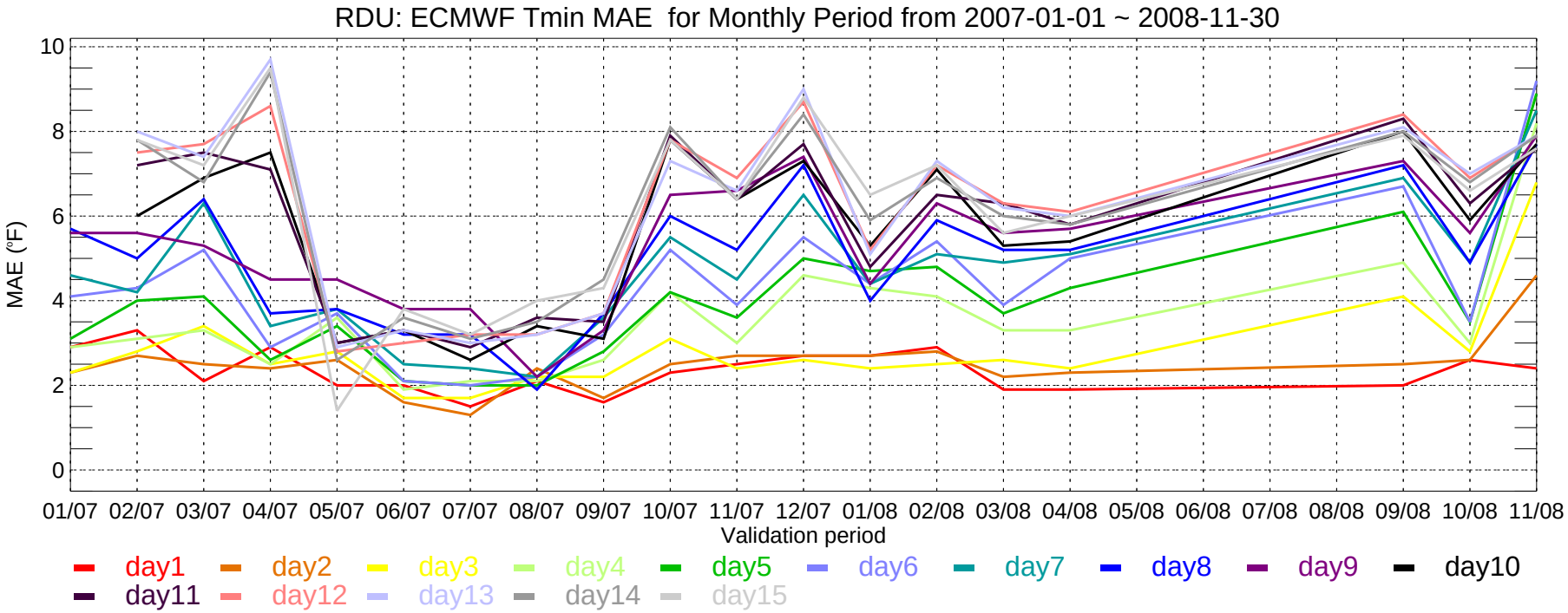

RDD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

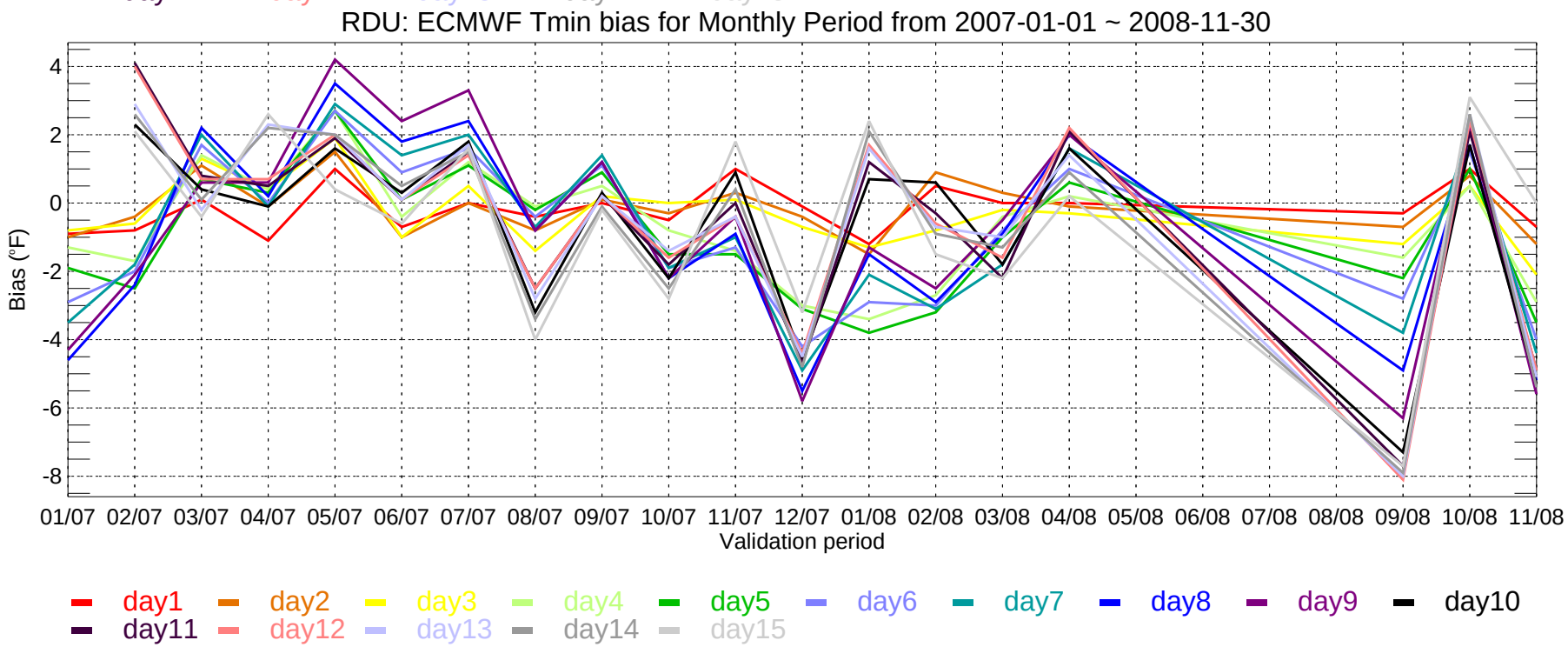

RDD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

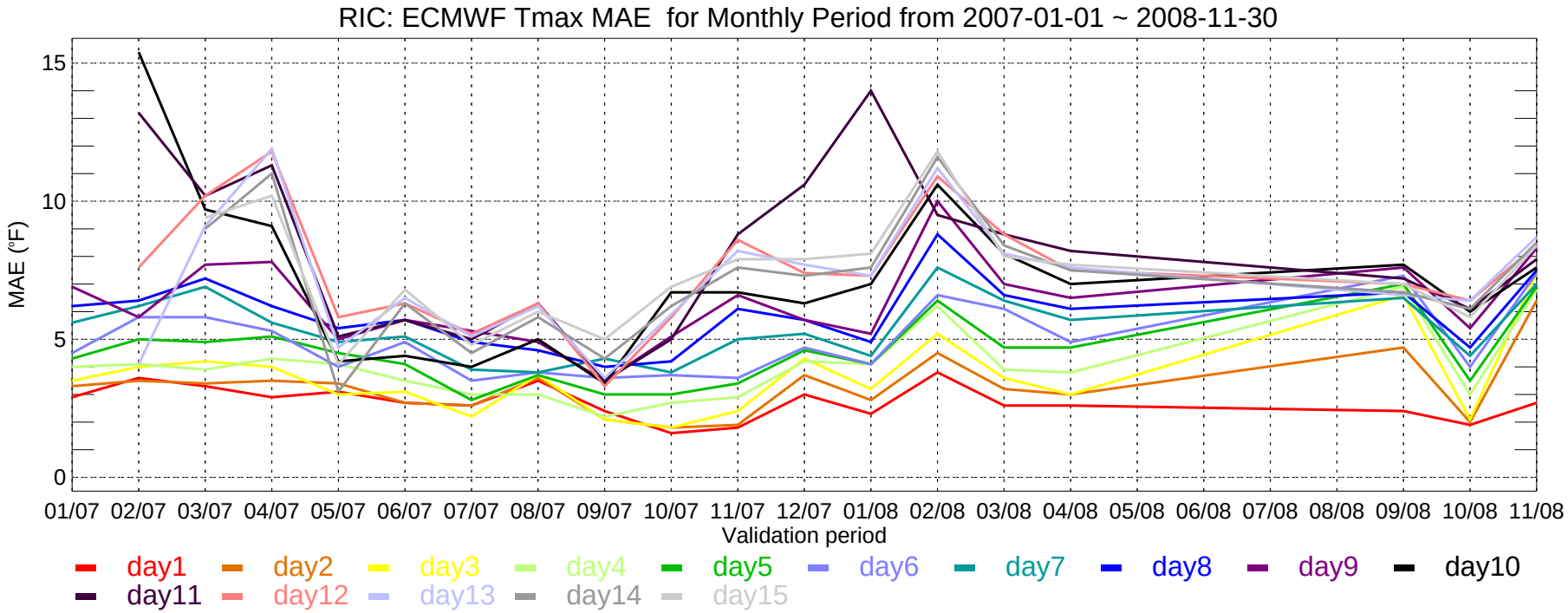

RDD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

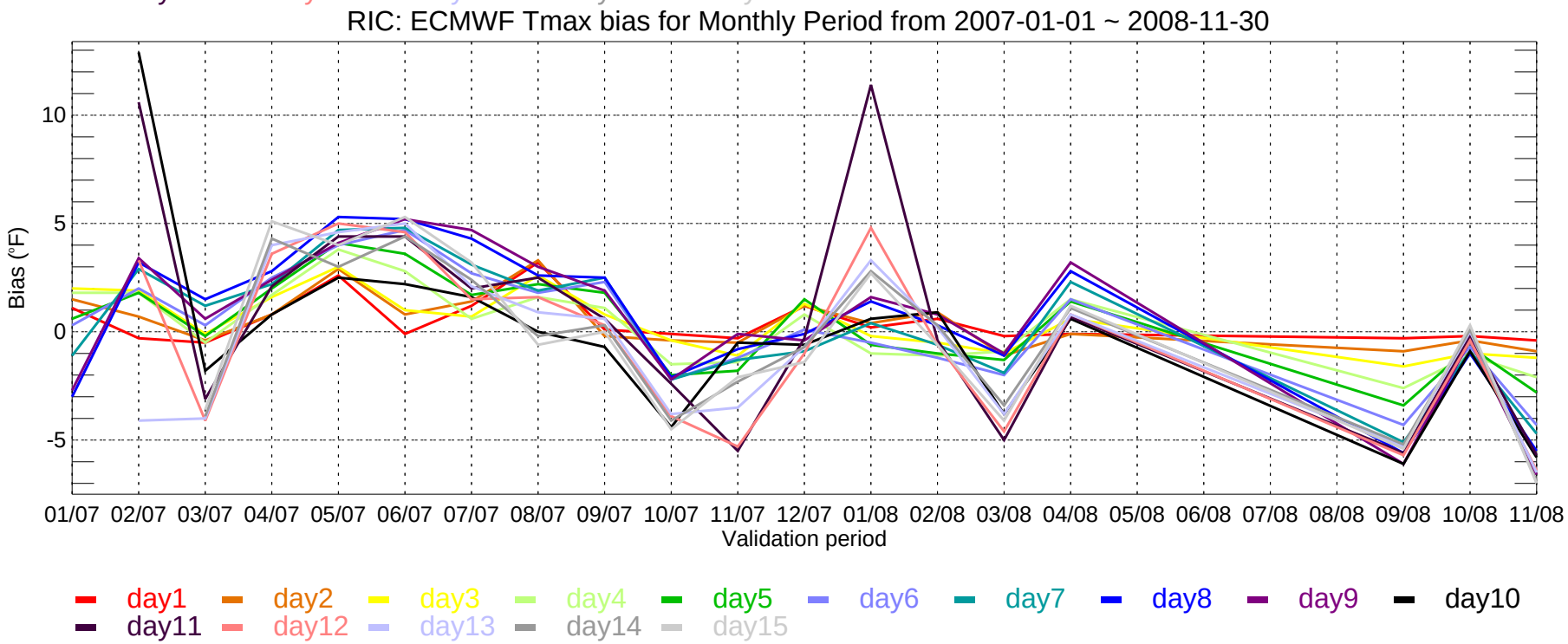

RDU: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

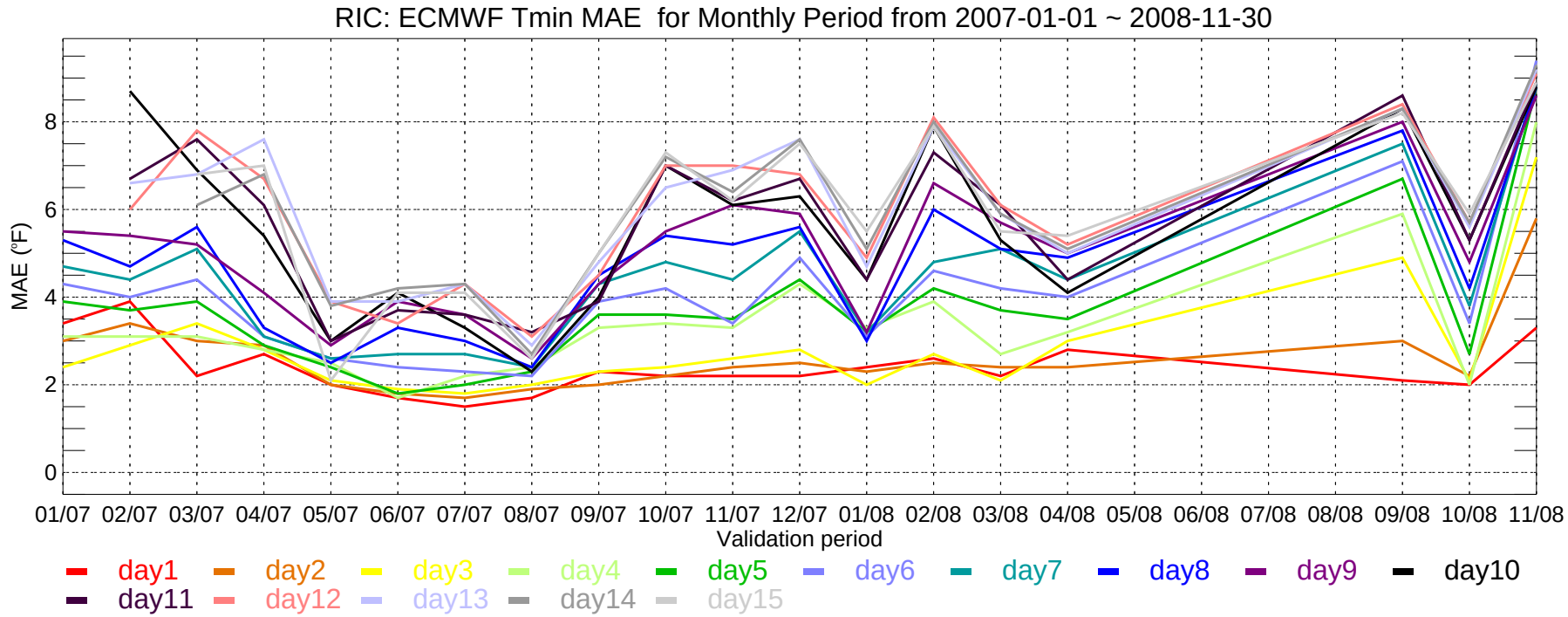

RDU: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

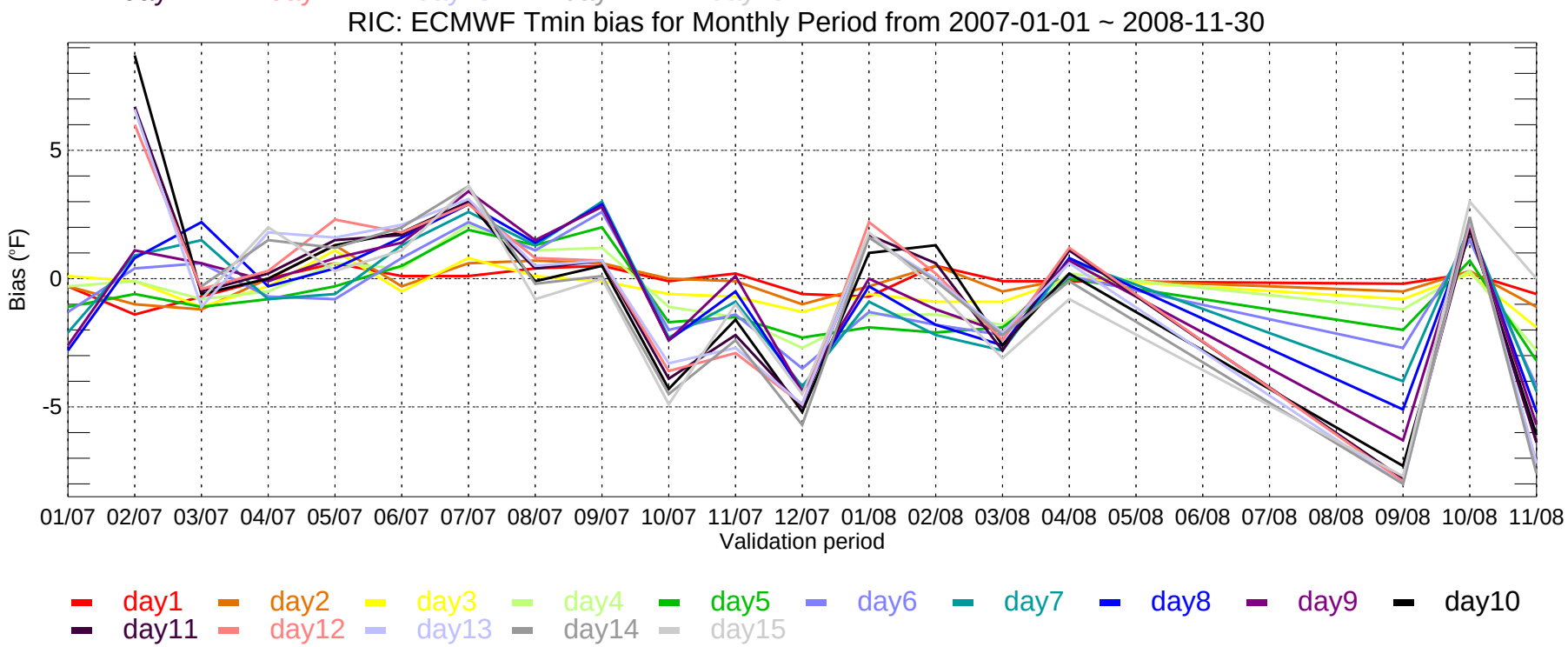

RDU: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

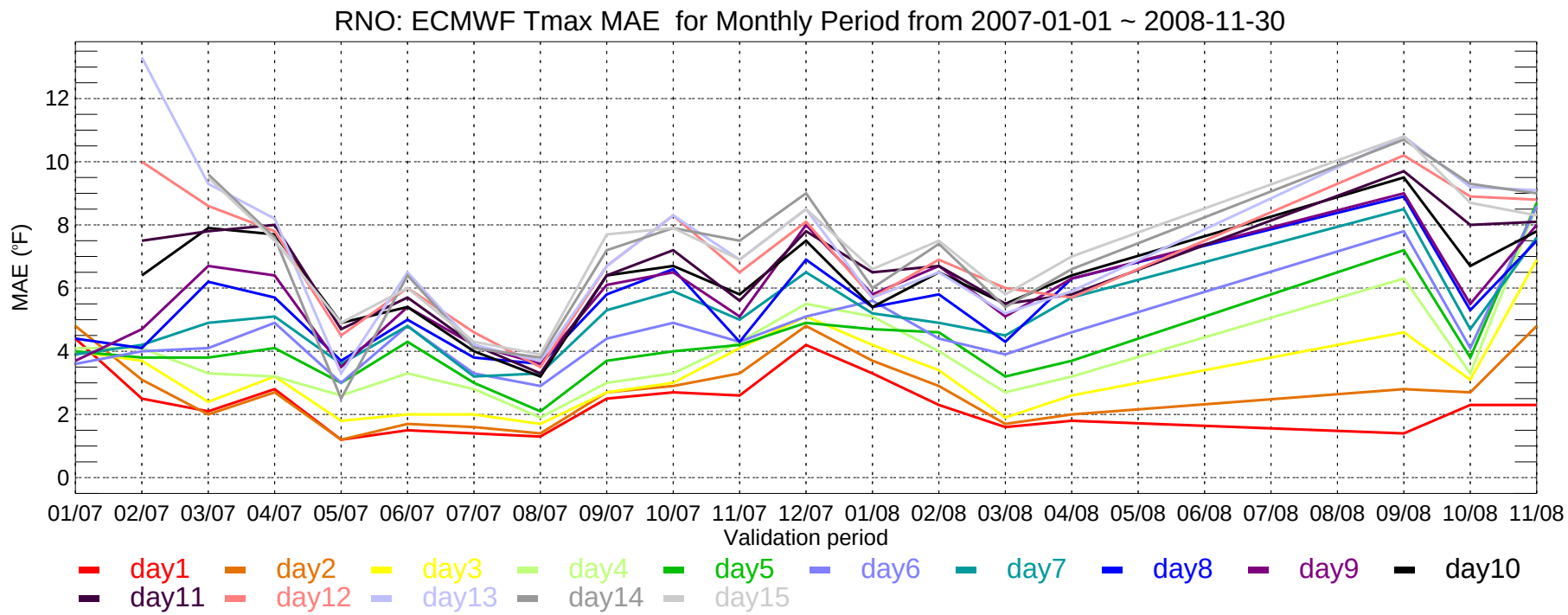

RDU: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

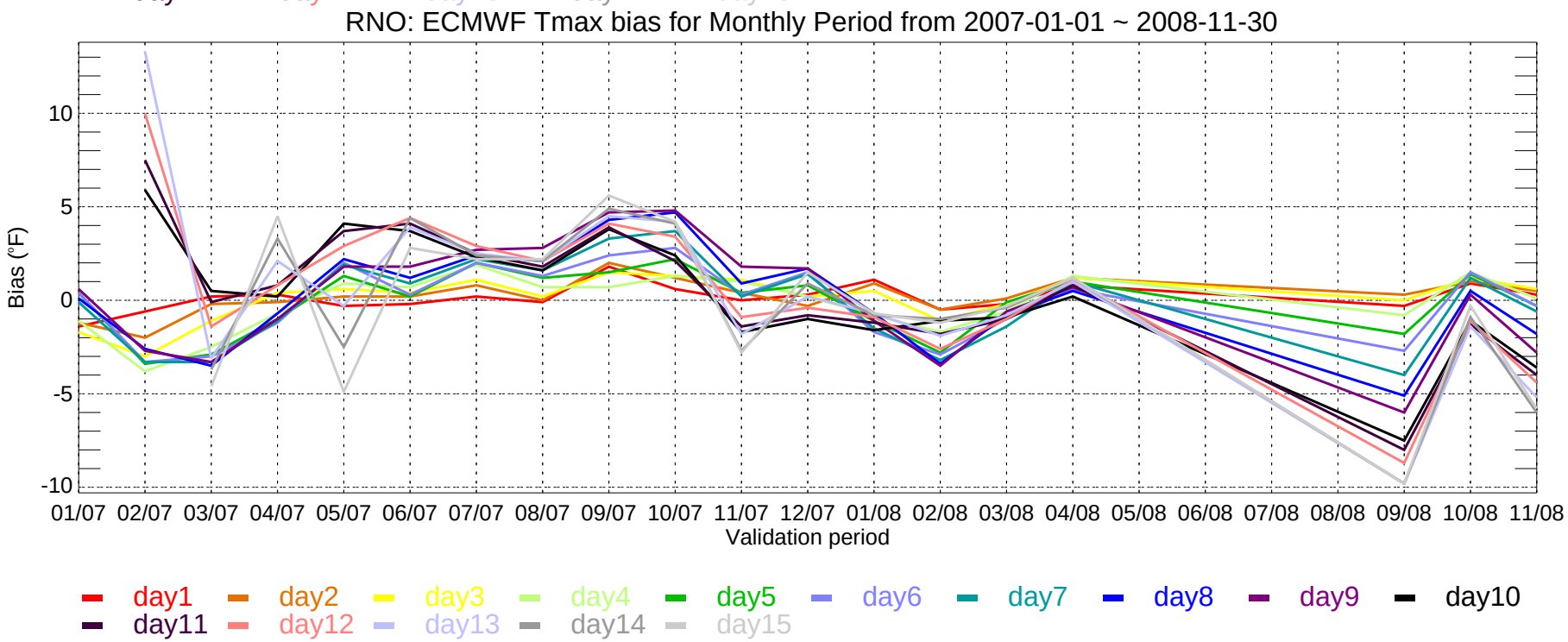

RIC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

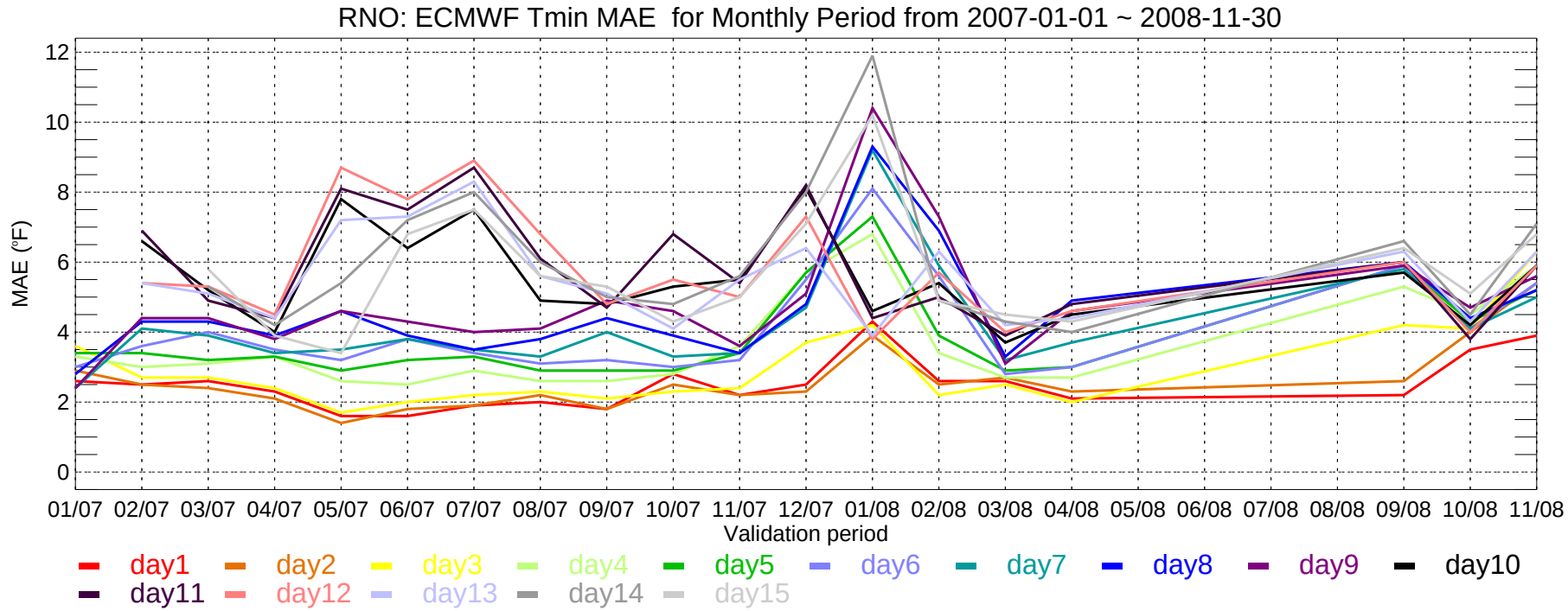

RIC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

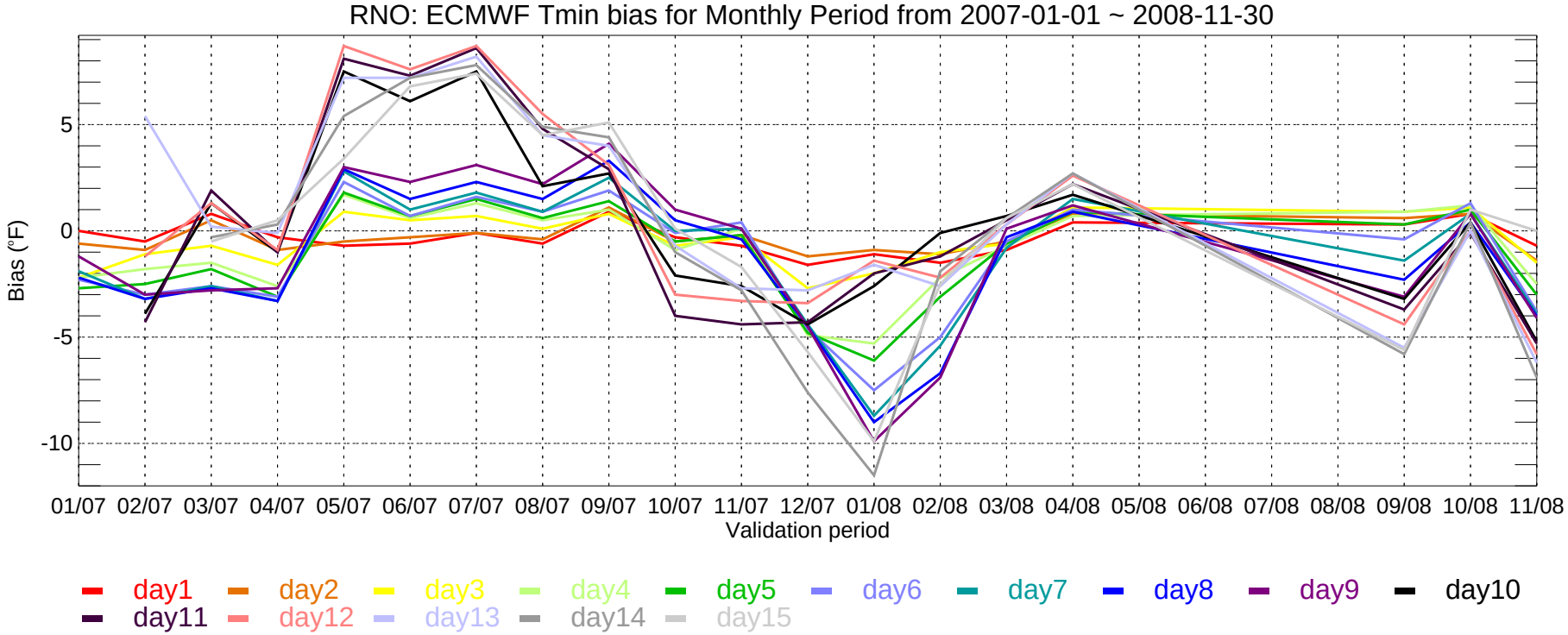

RIC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

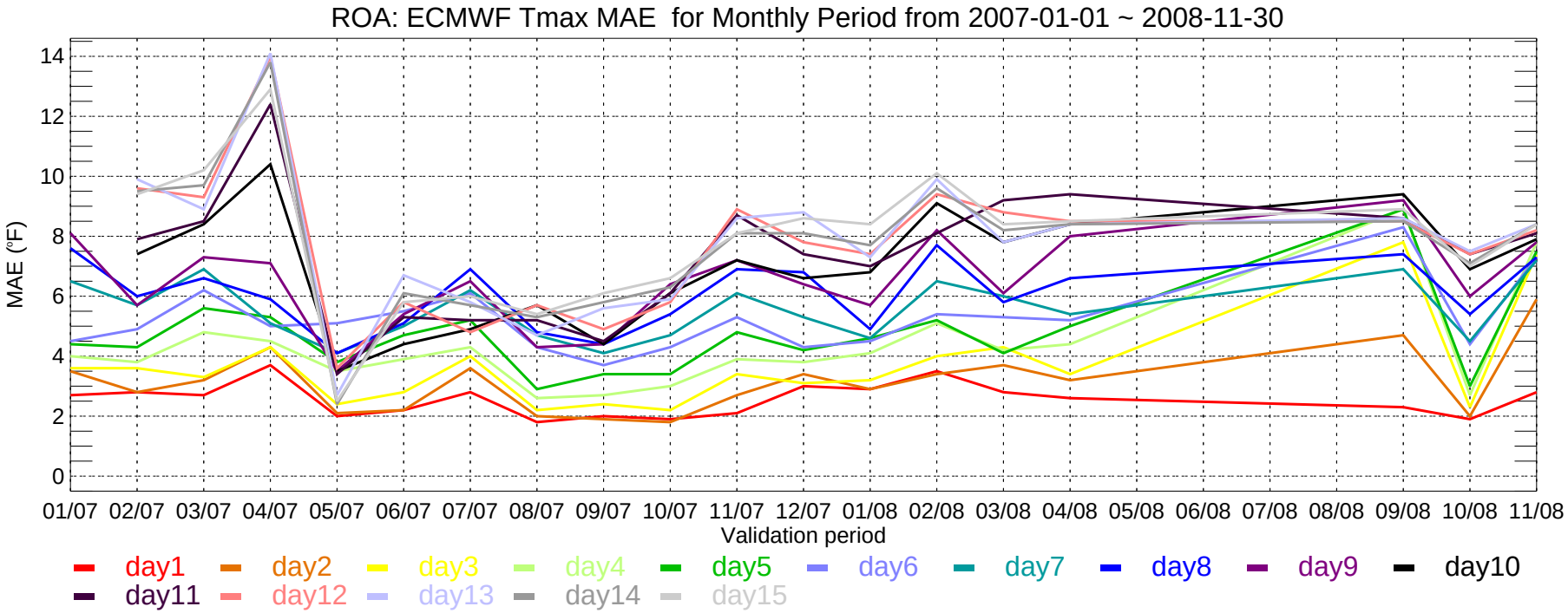

RIC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

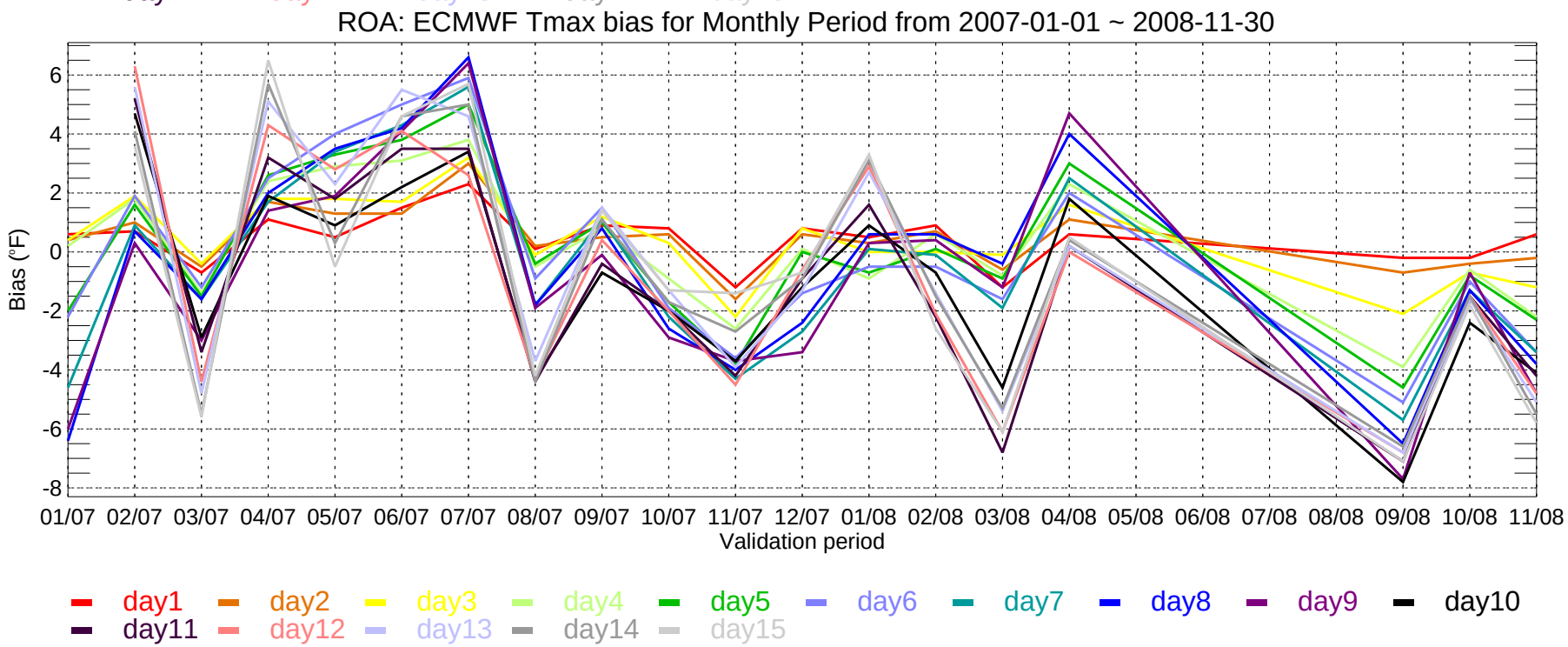

RNO: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

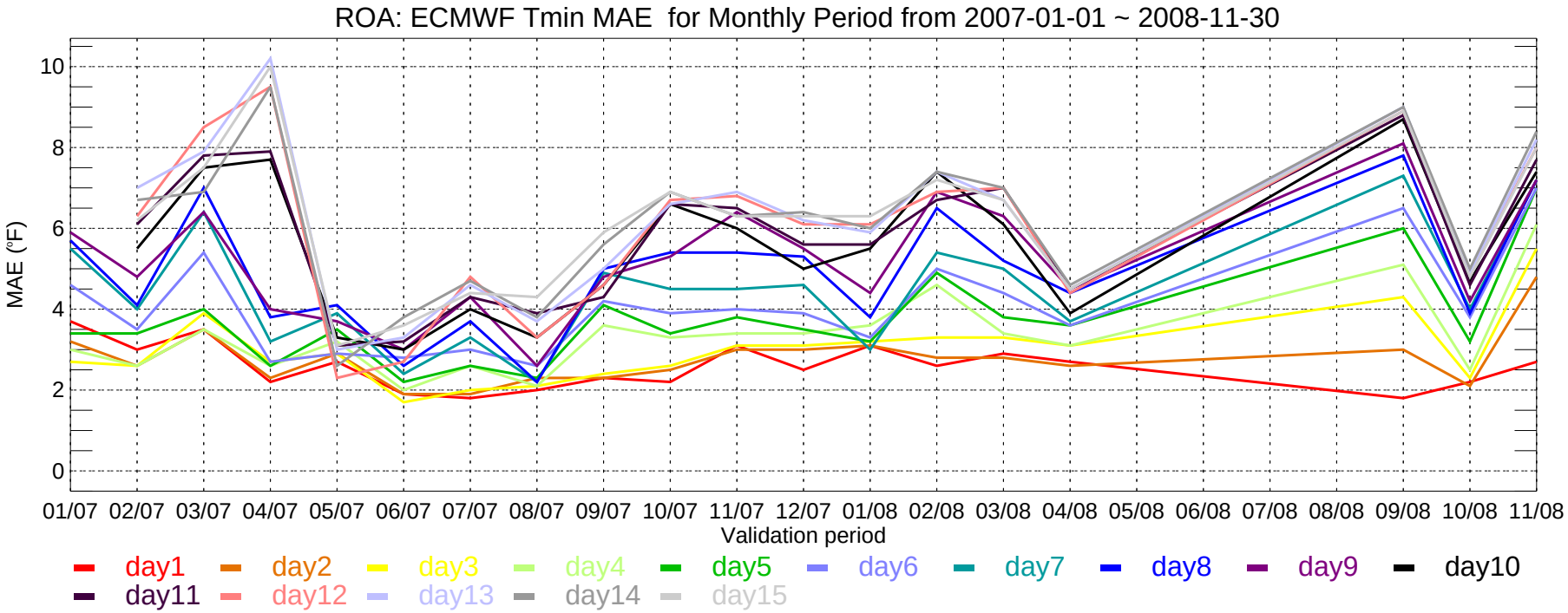

RNO: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

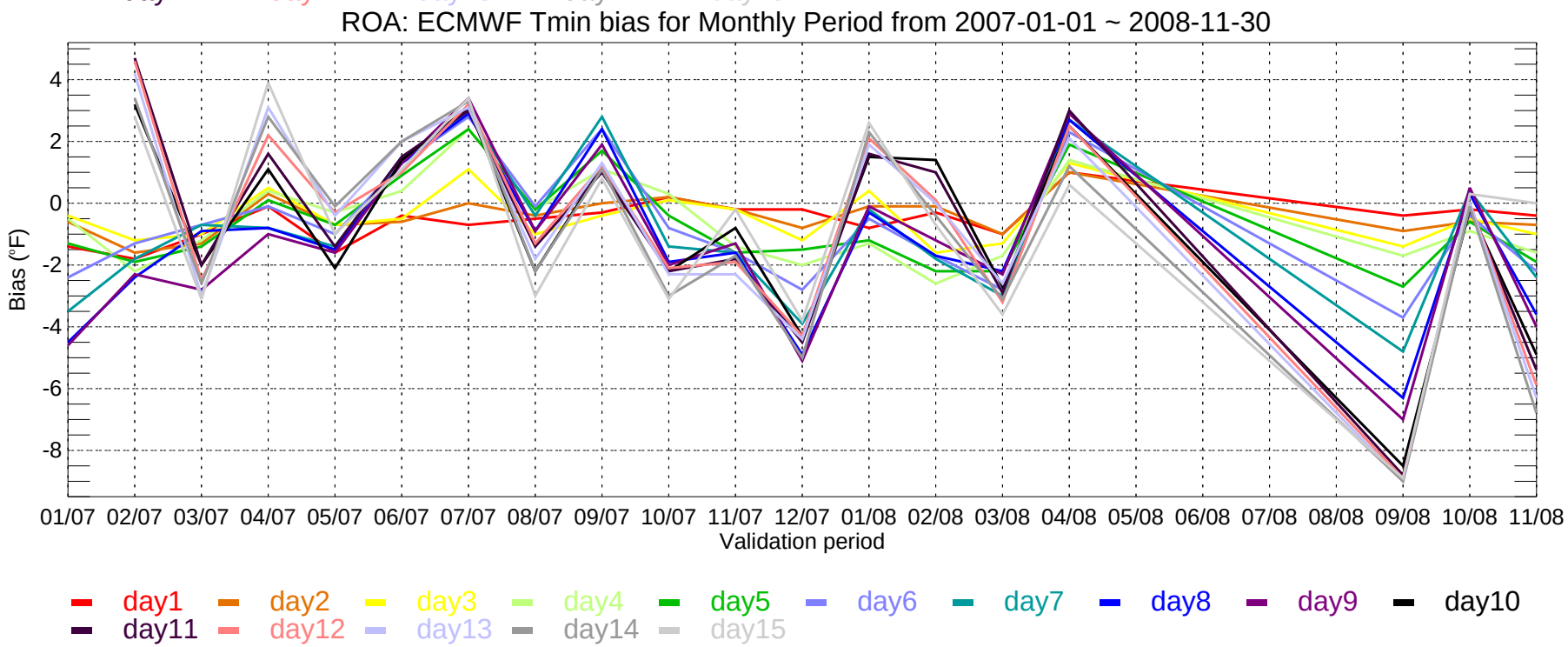

RNO: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

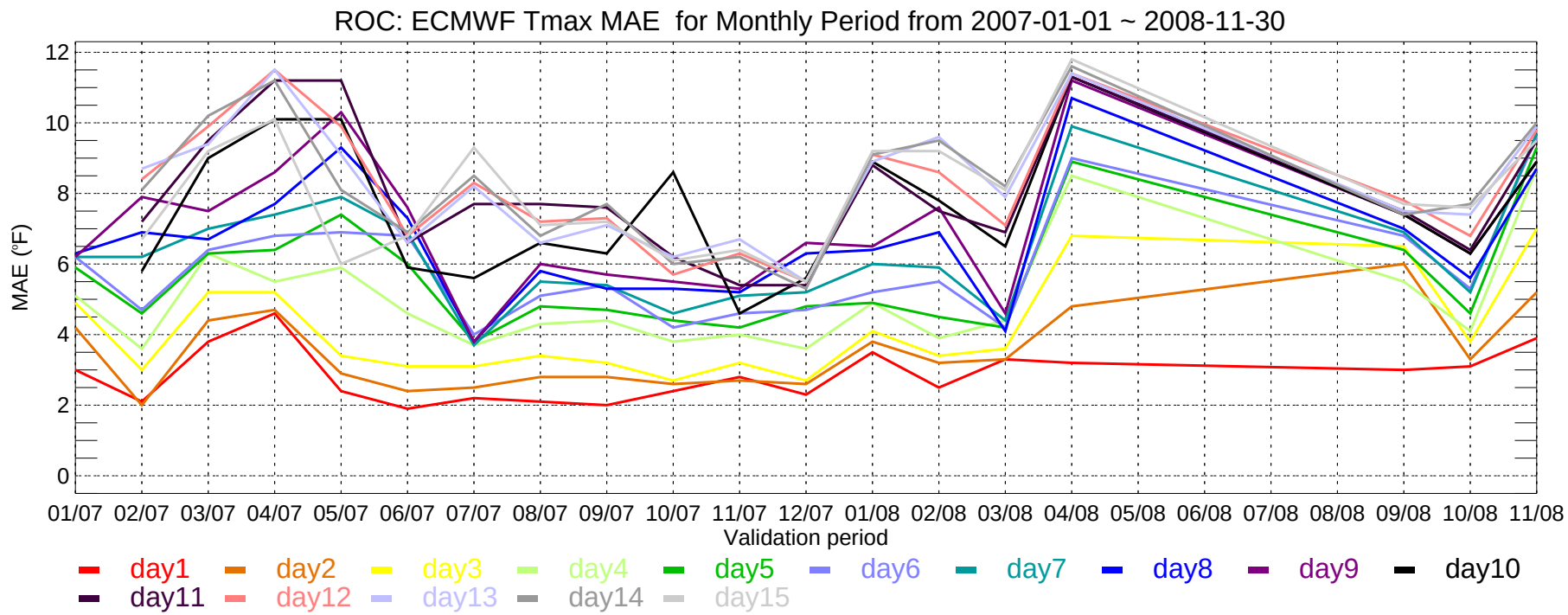

RNO: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ROA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ROA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-8
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ROA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ROA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ROC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
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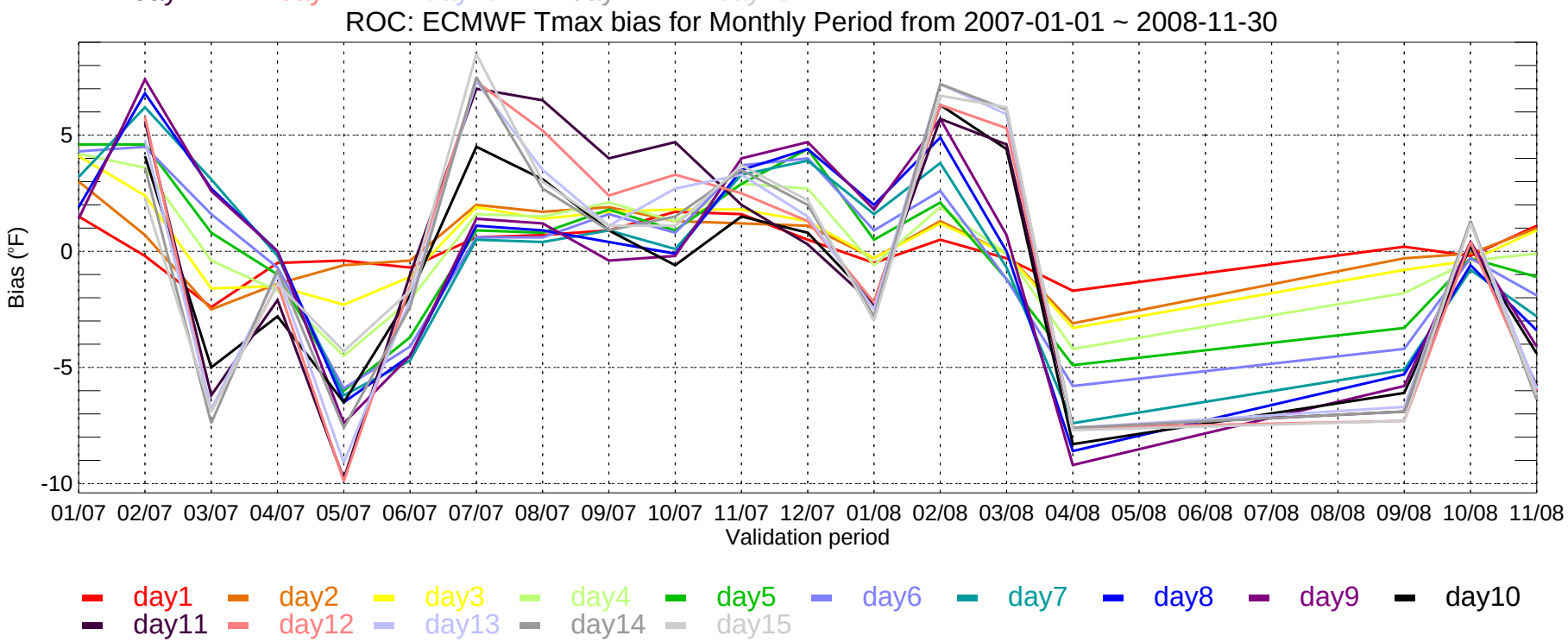
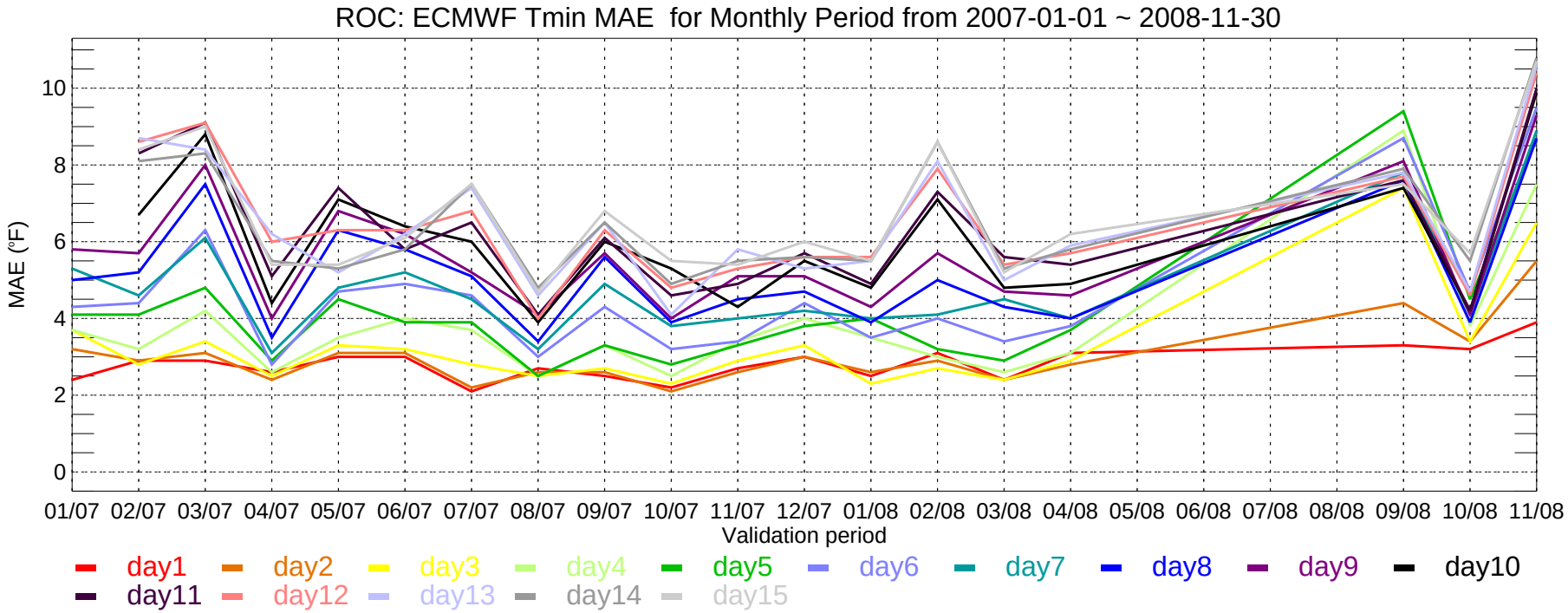
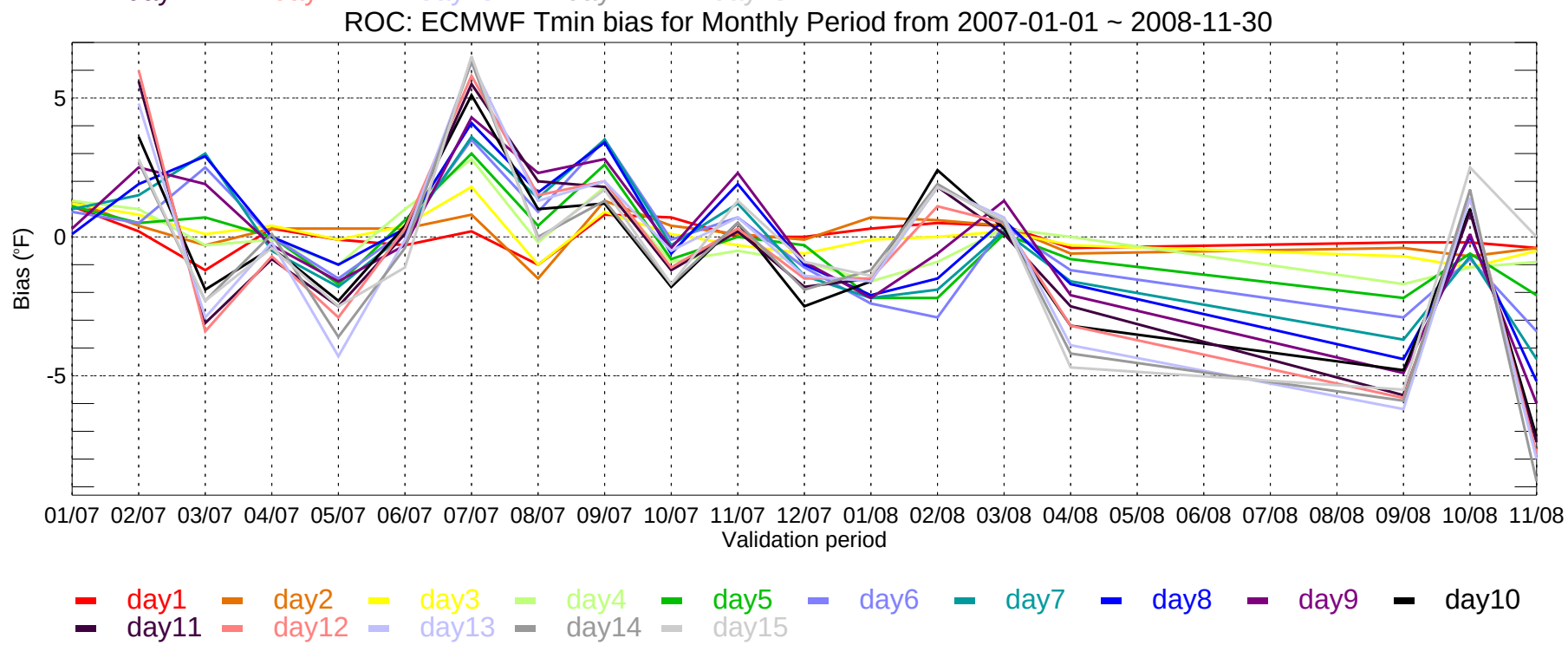
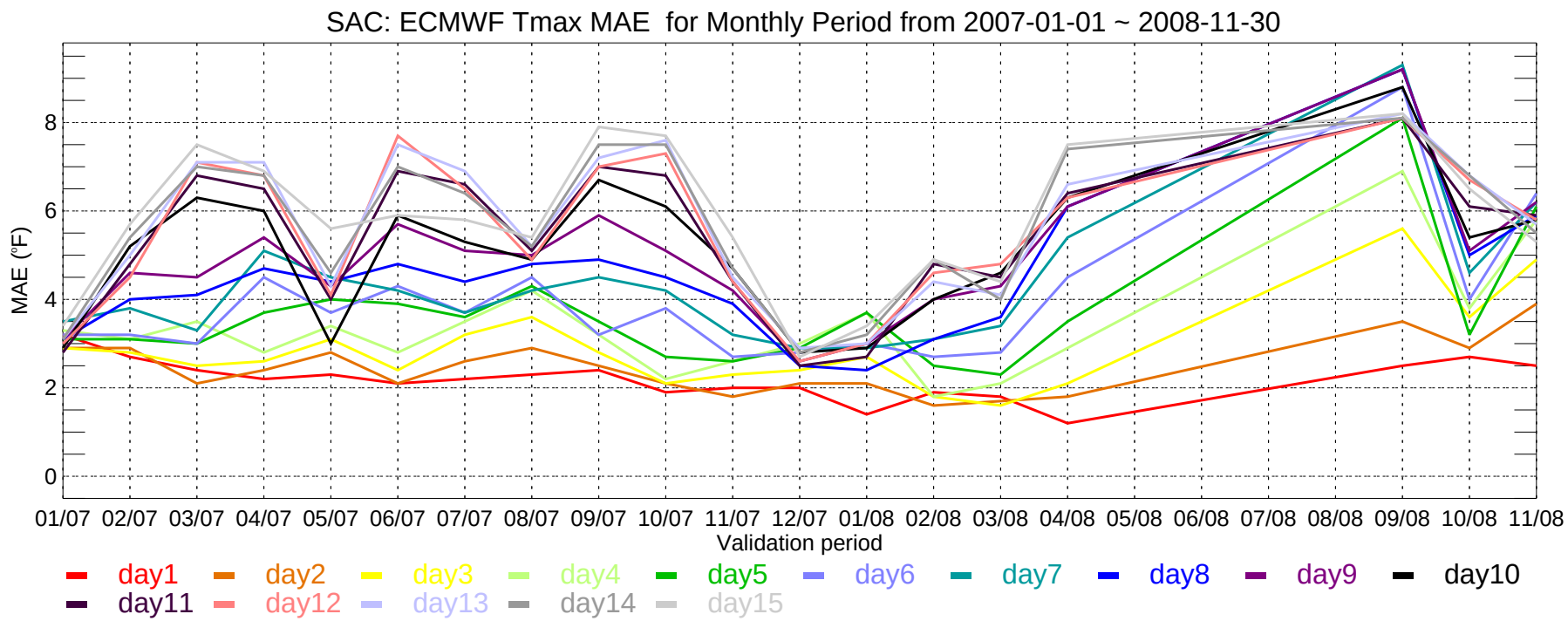
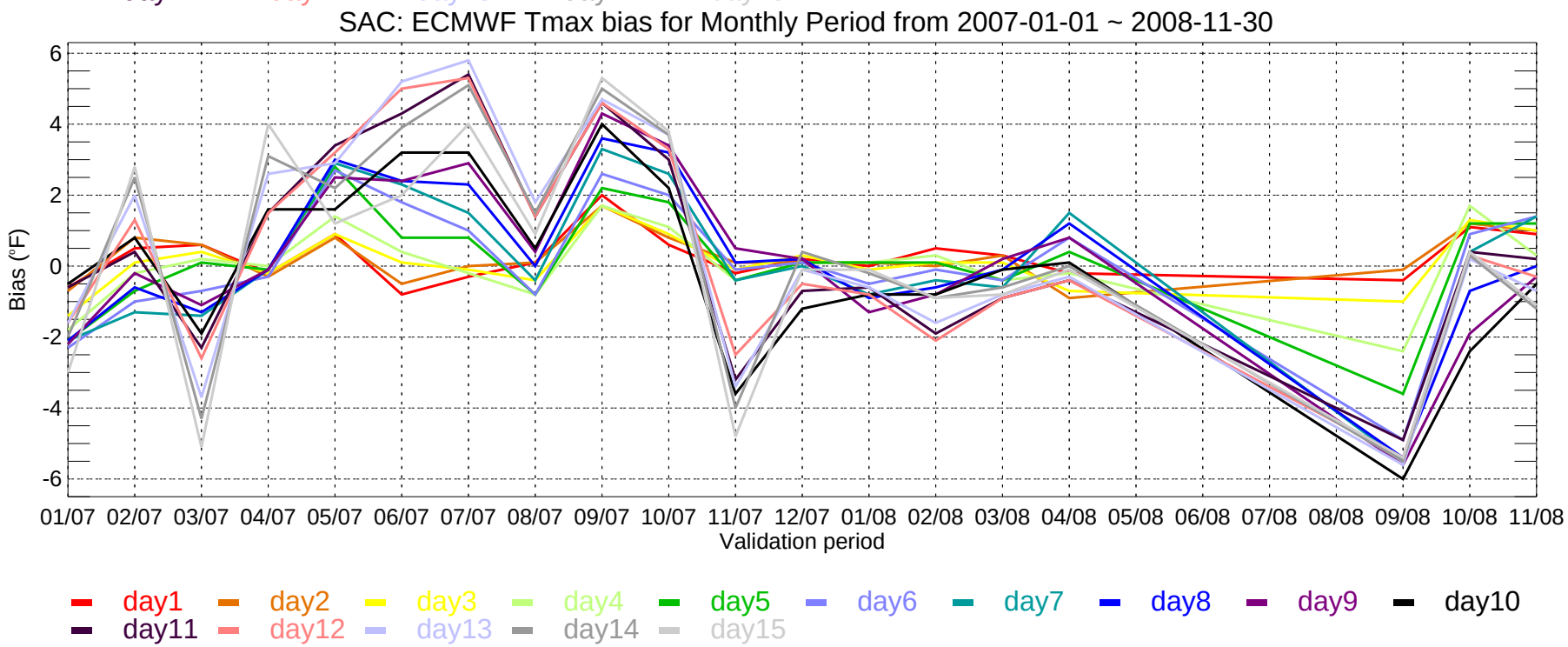
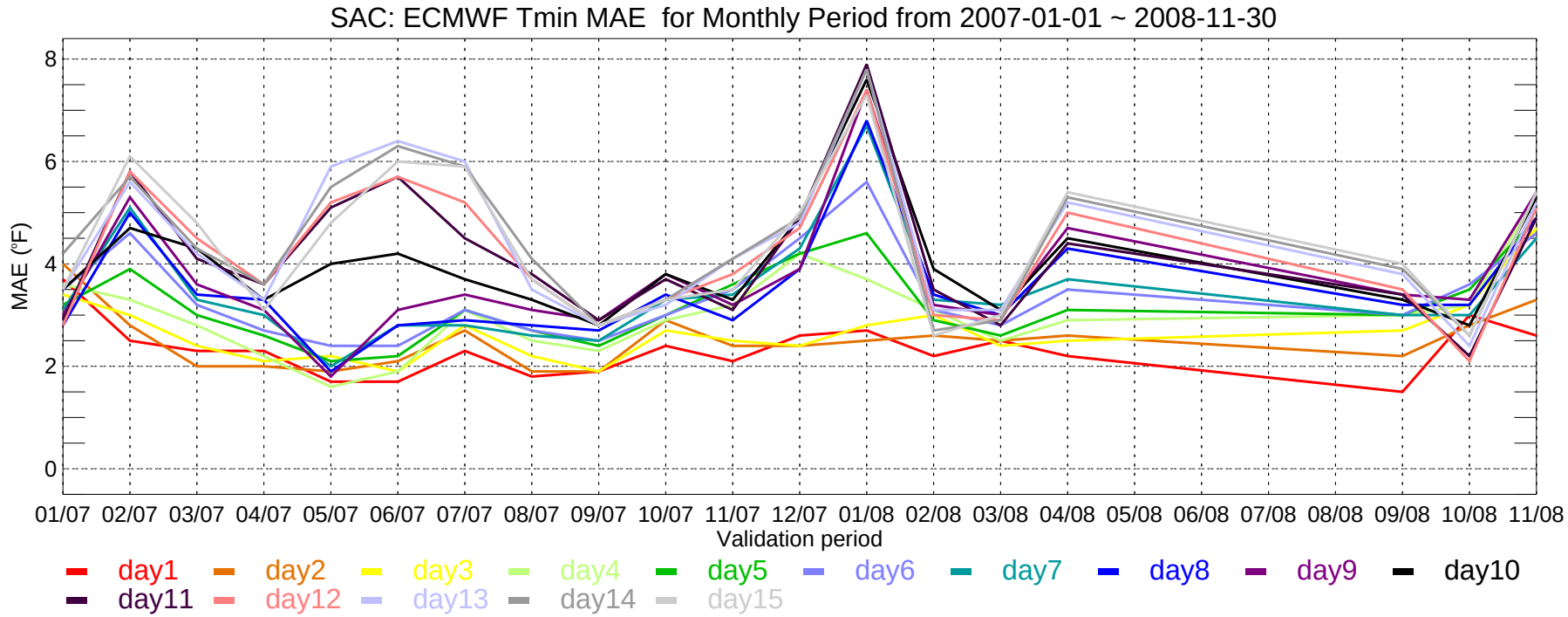

ROC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

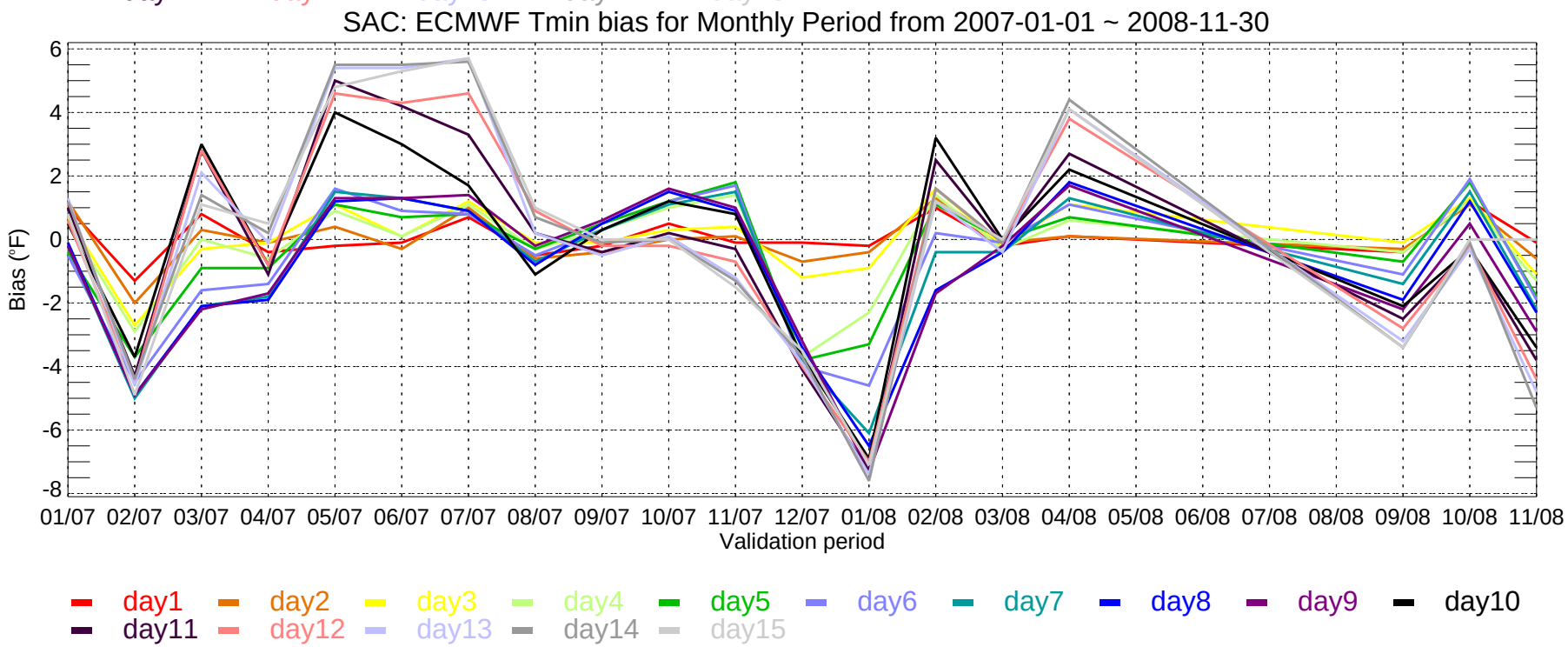

ROC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


ROC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SAC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SAC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SAC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SAC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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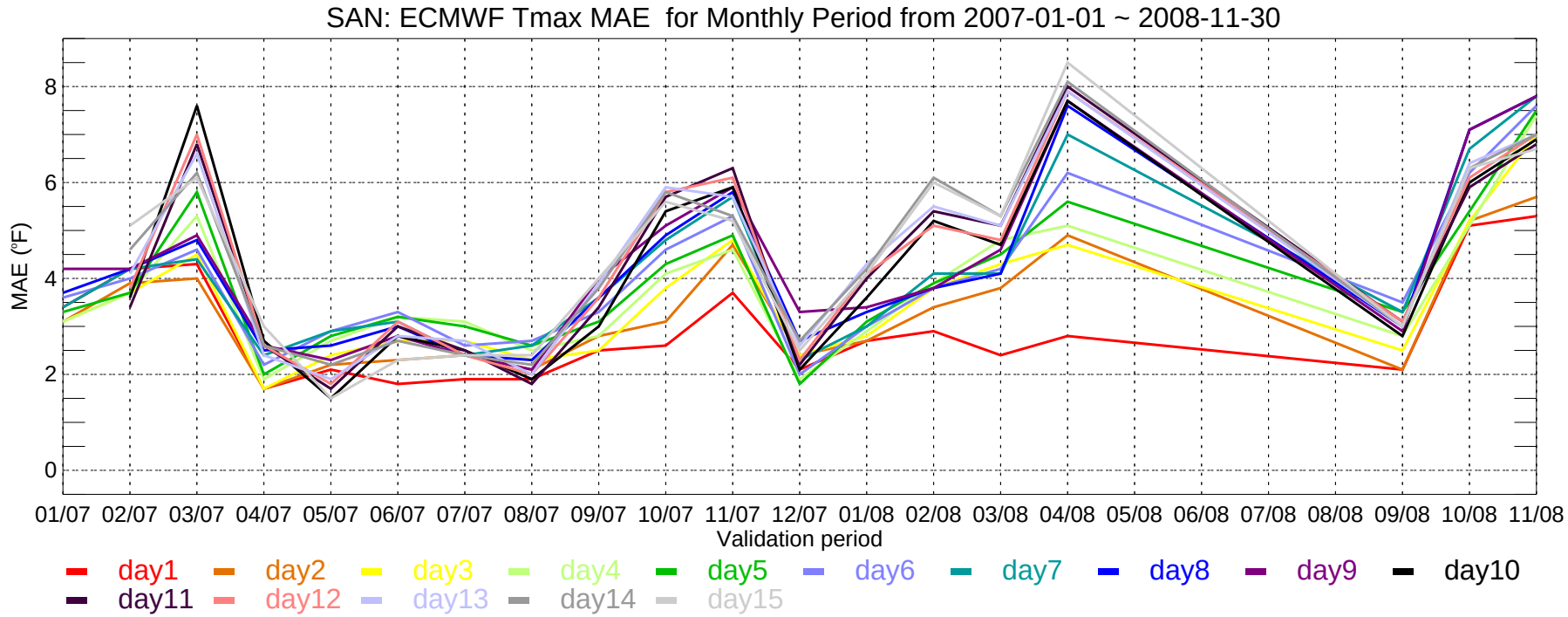
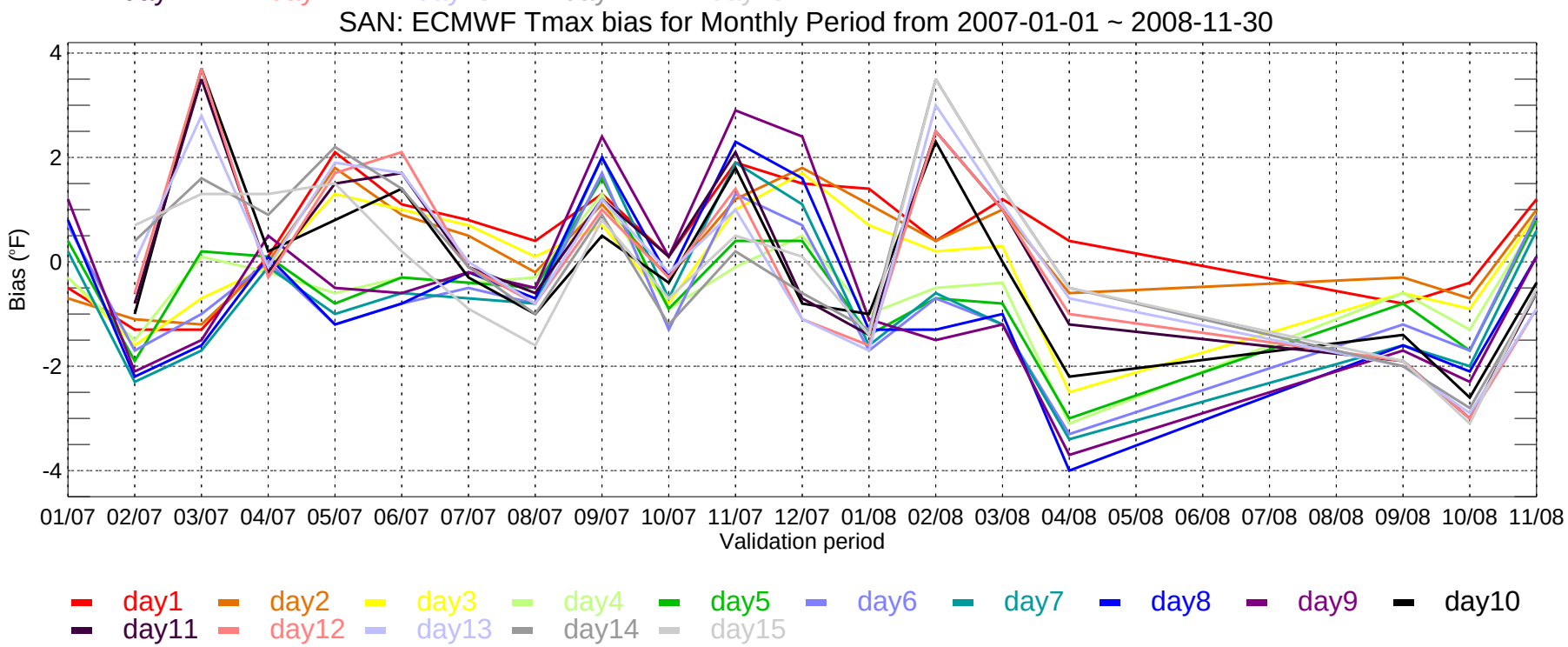
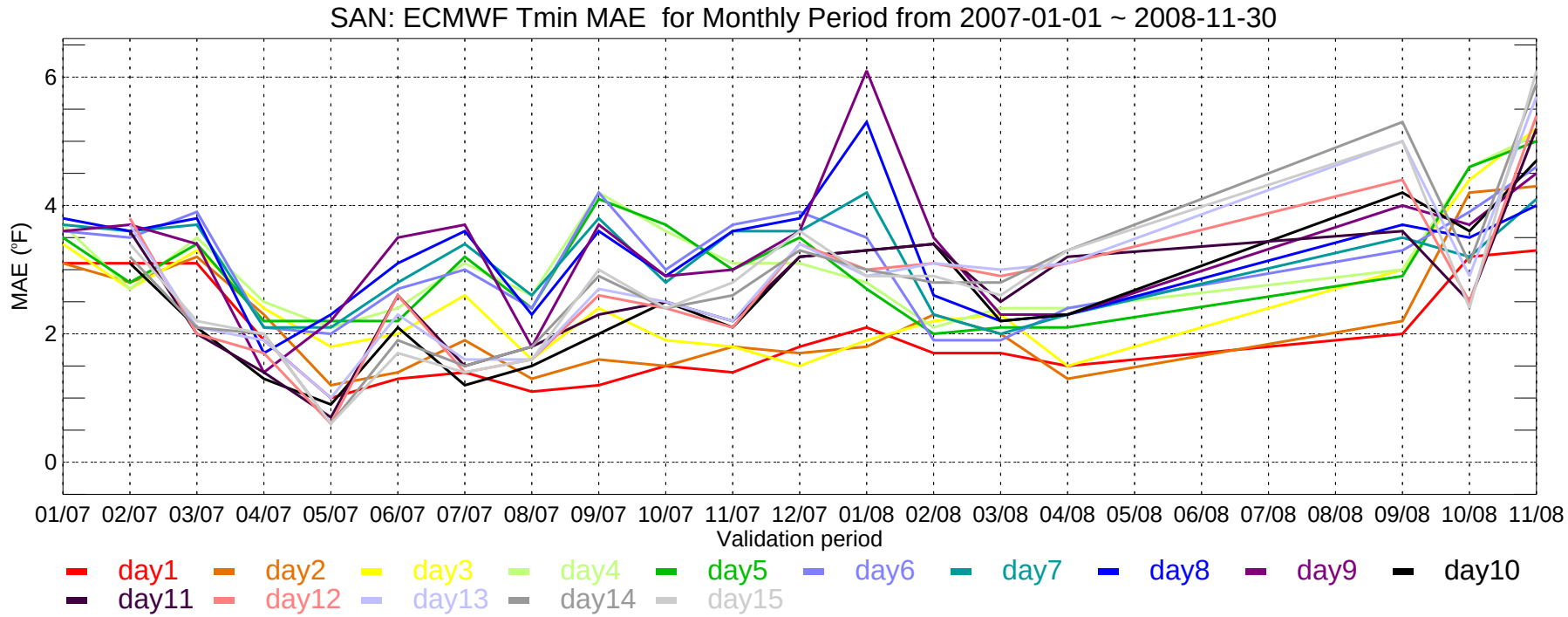
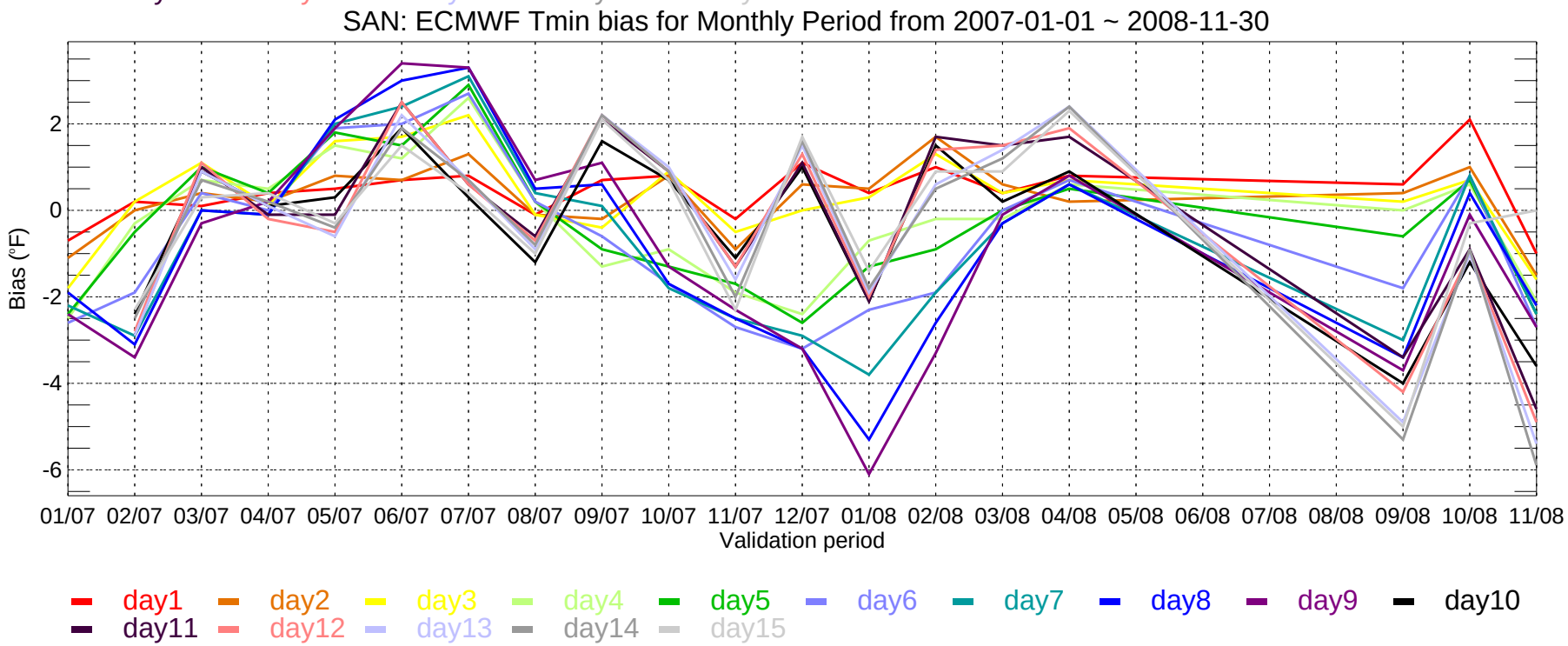
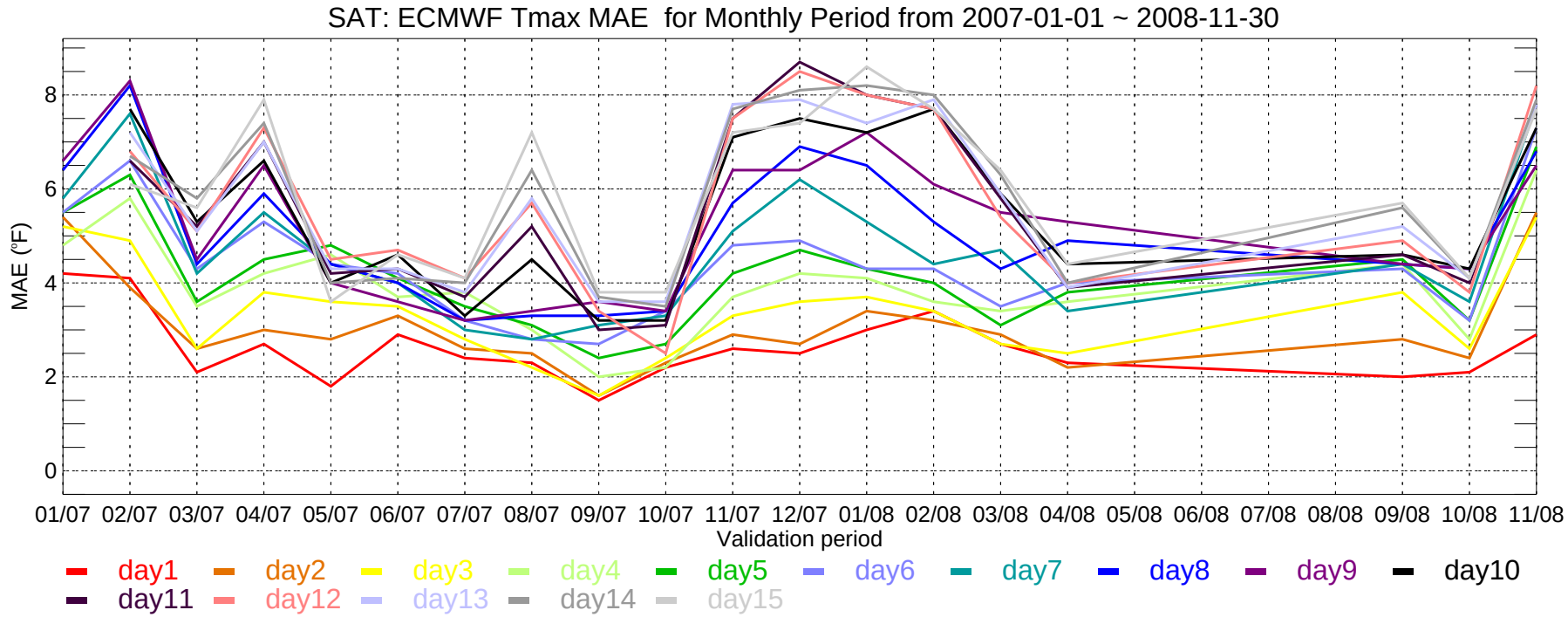
day11 day12 day13 day14 day15

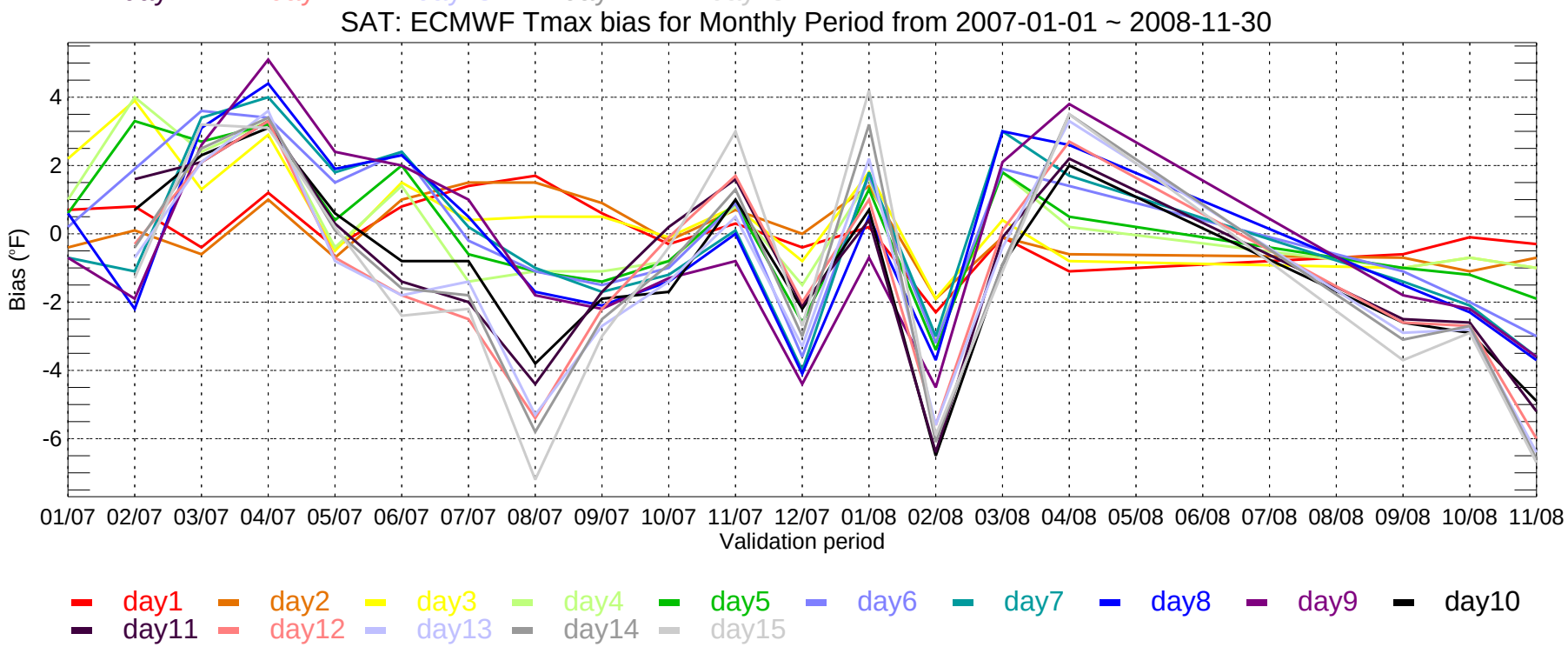

SAN: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

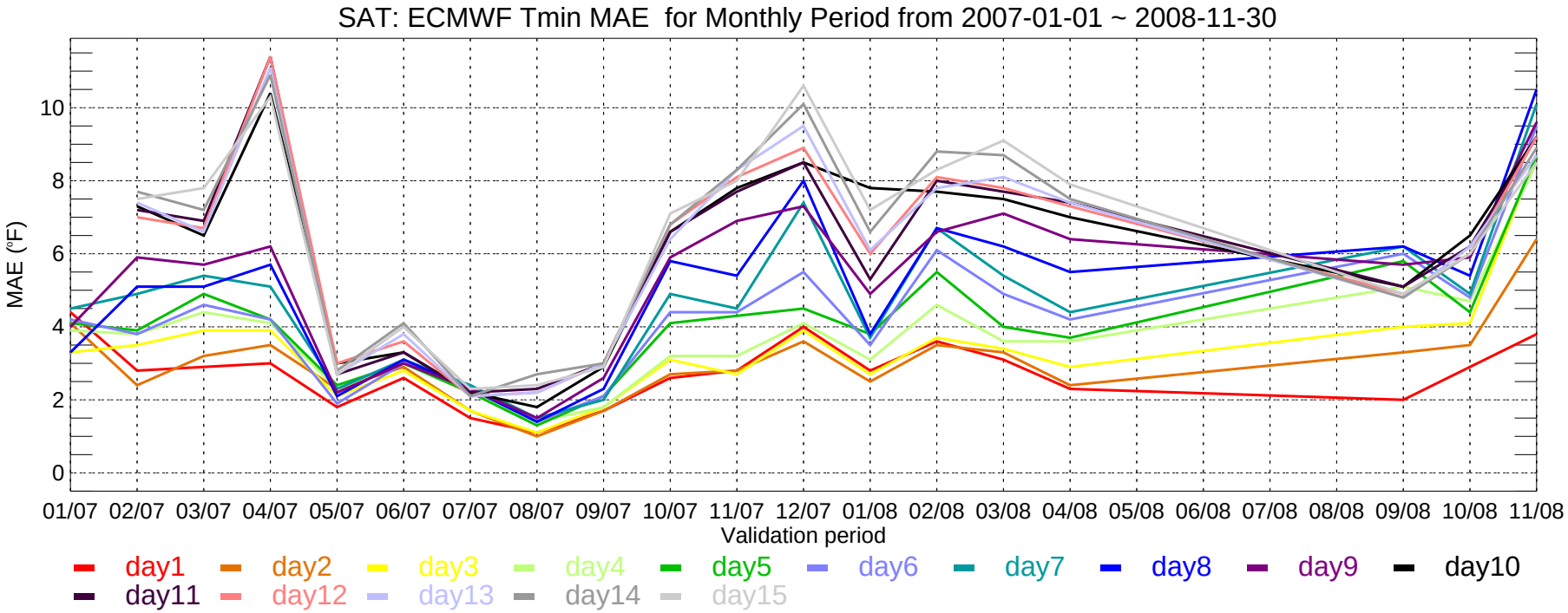

SAN: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

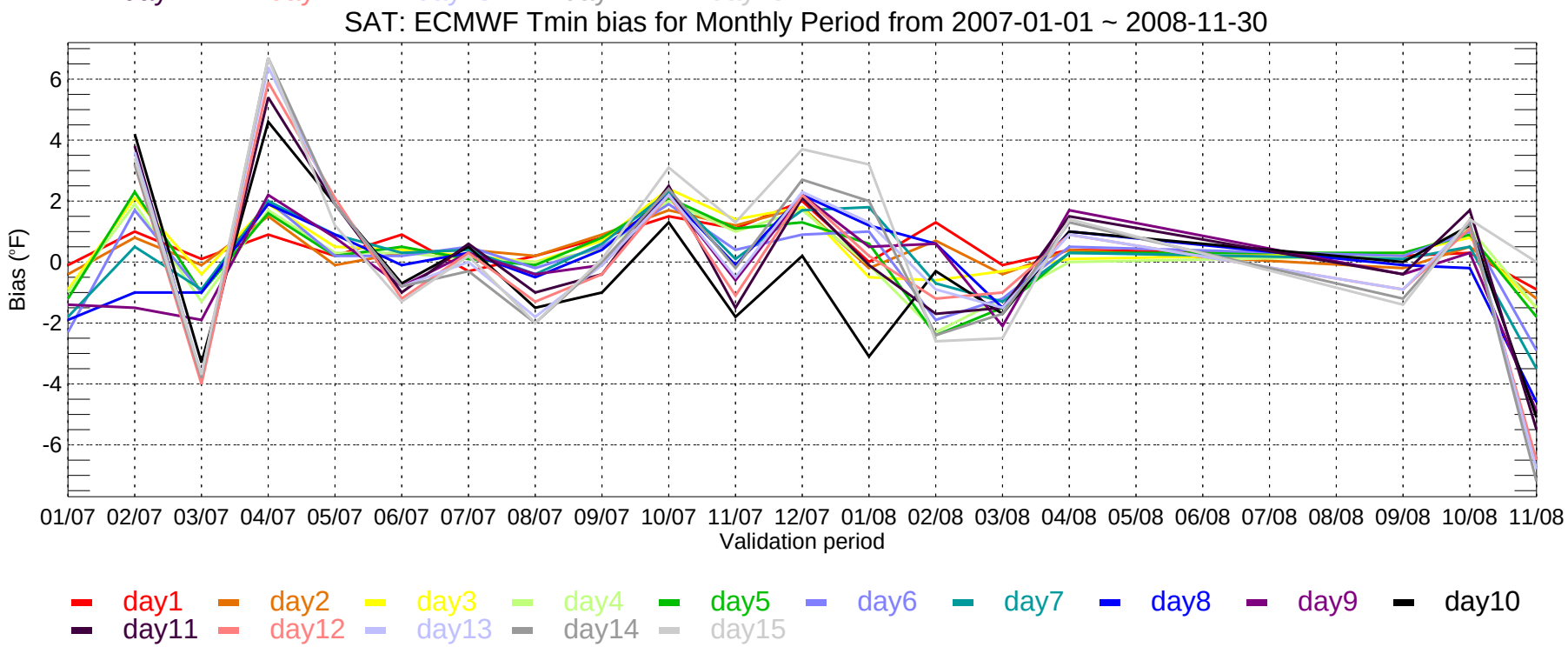

SAN: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SAN: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SAT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SAT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SAT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


SAT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
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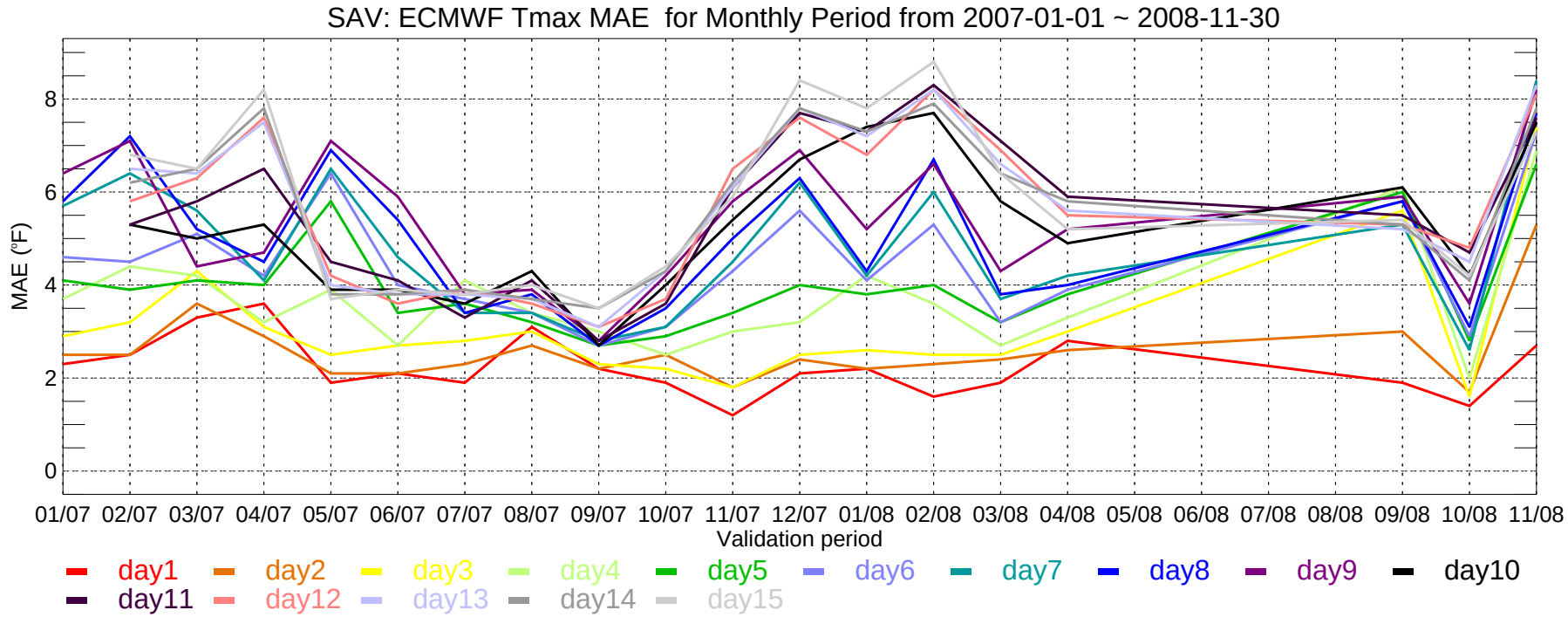
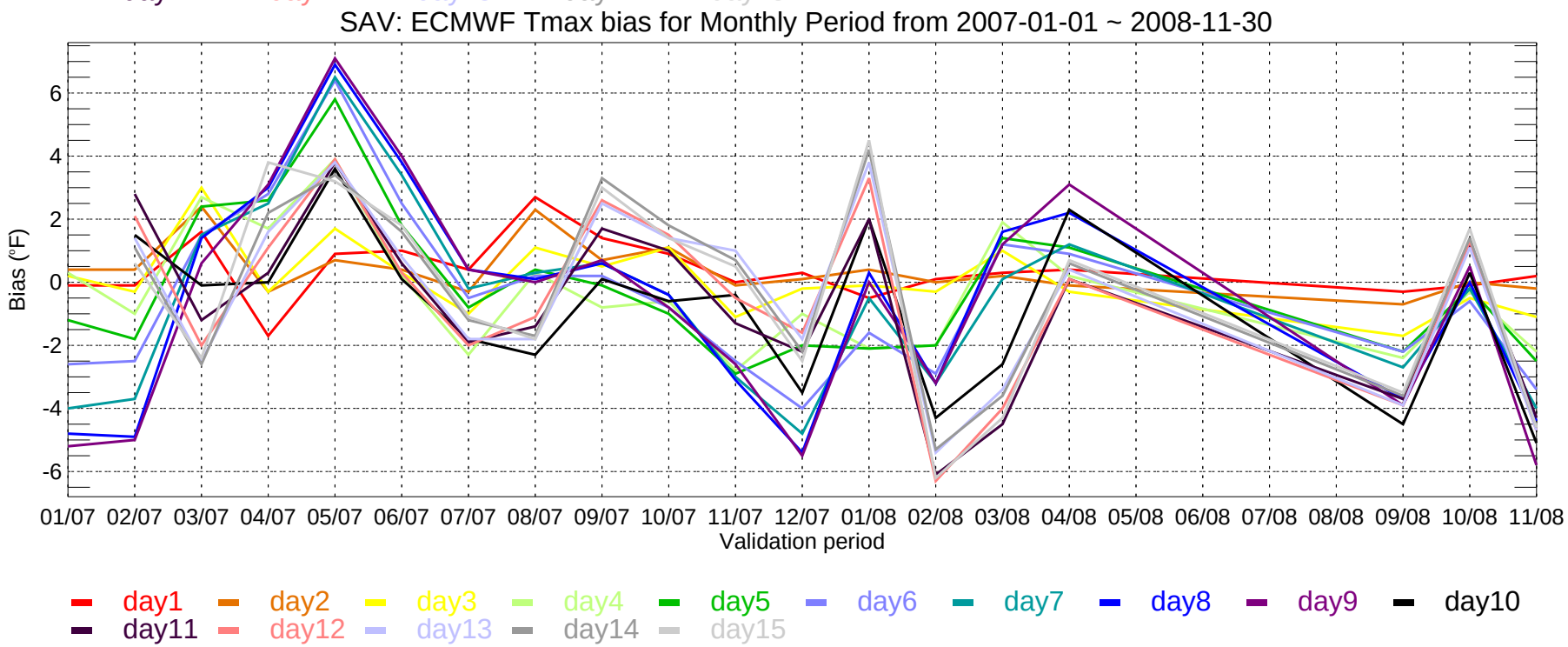
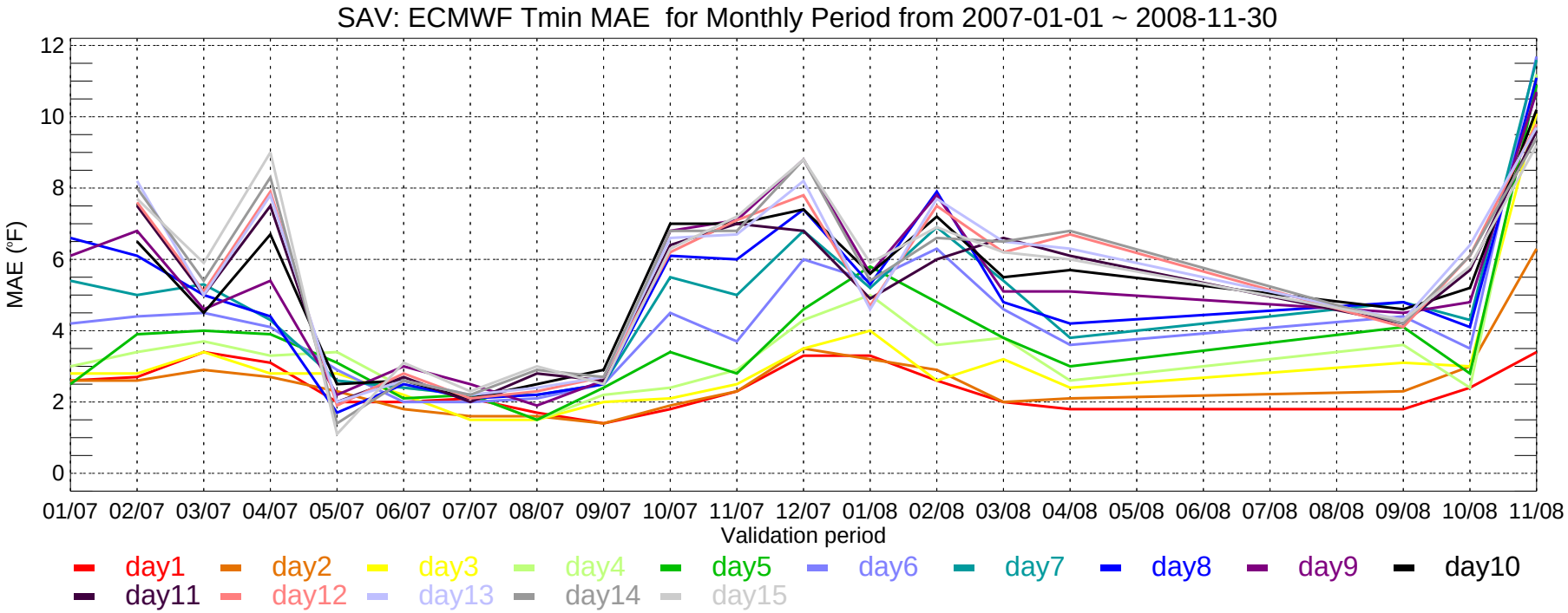
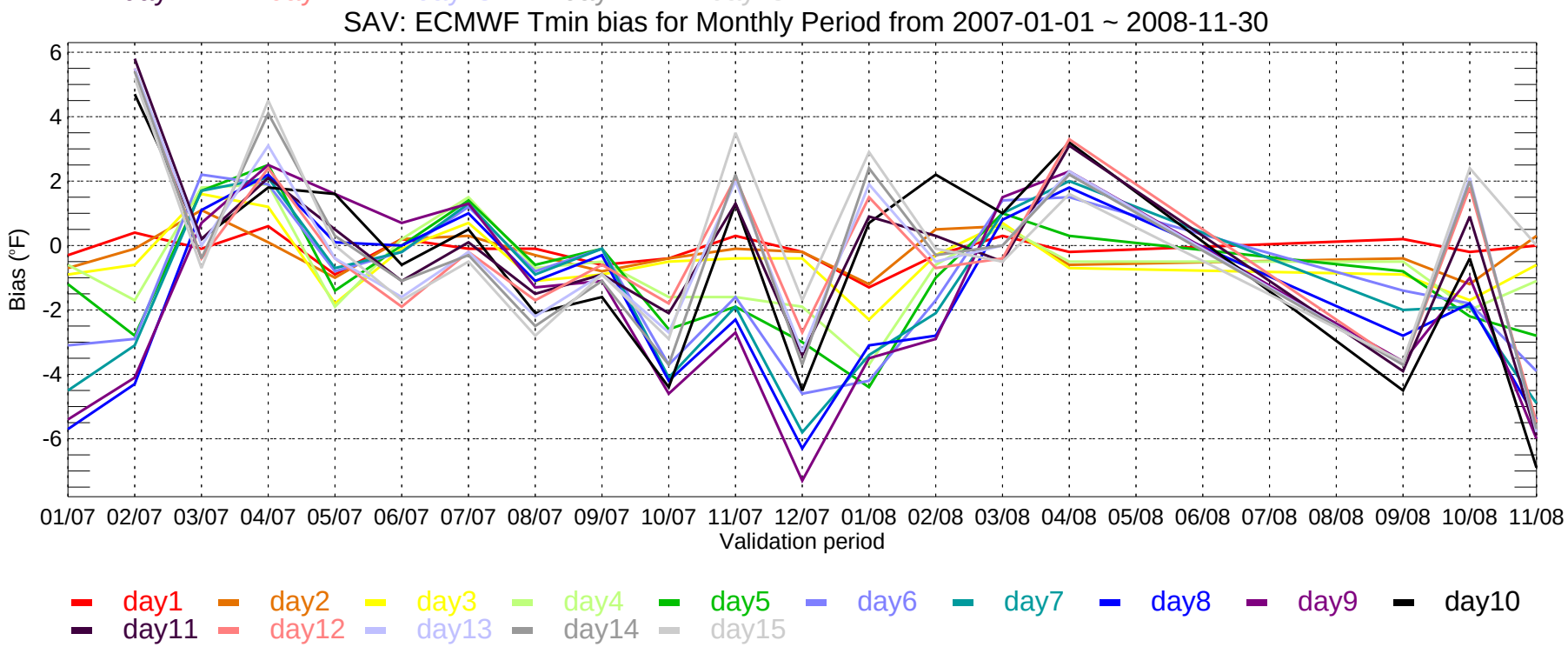
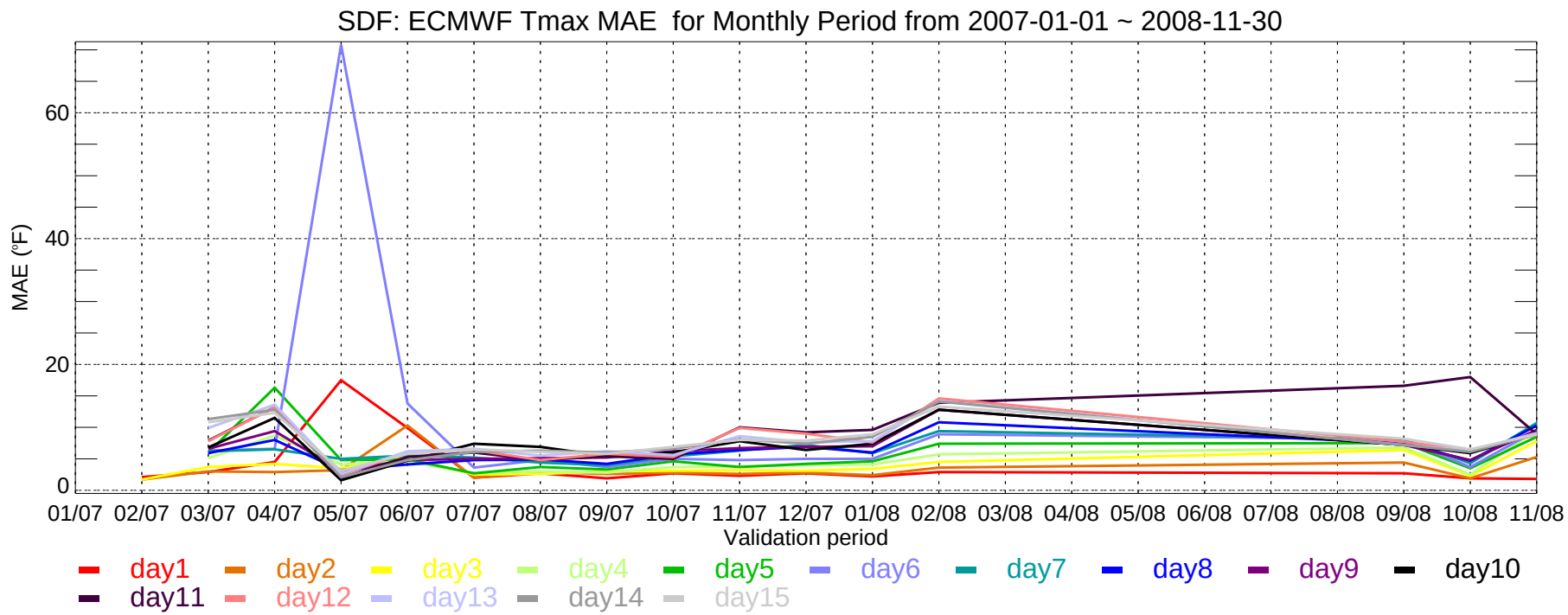
day11 day12 day13 day14 day15

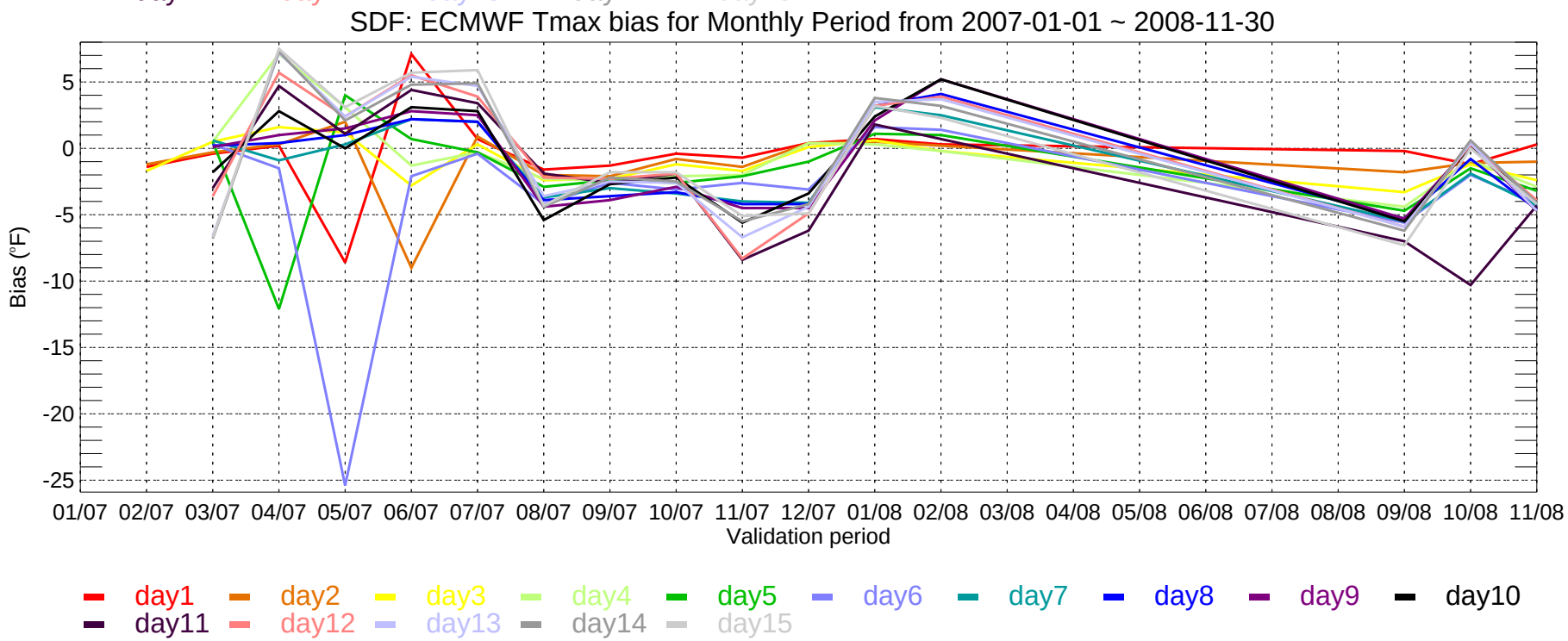

SAV: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

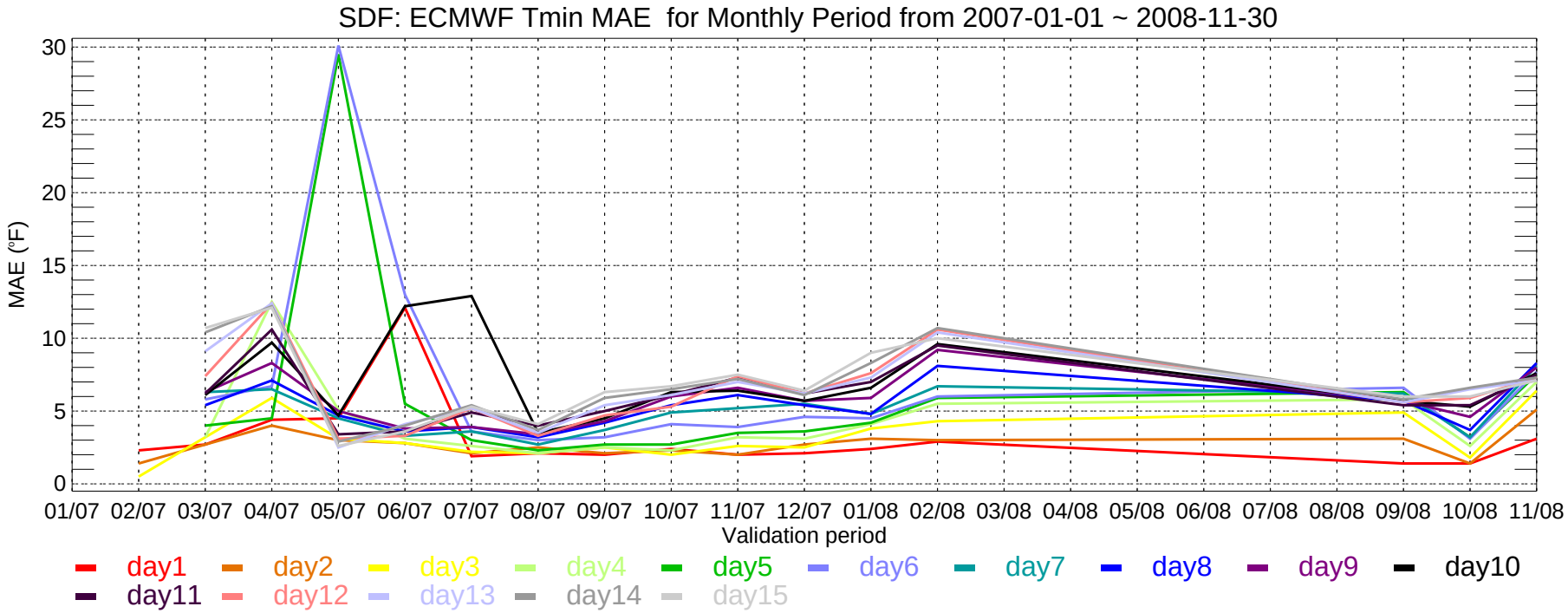

SAV: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

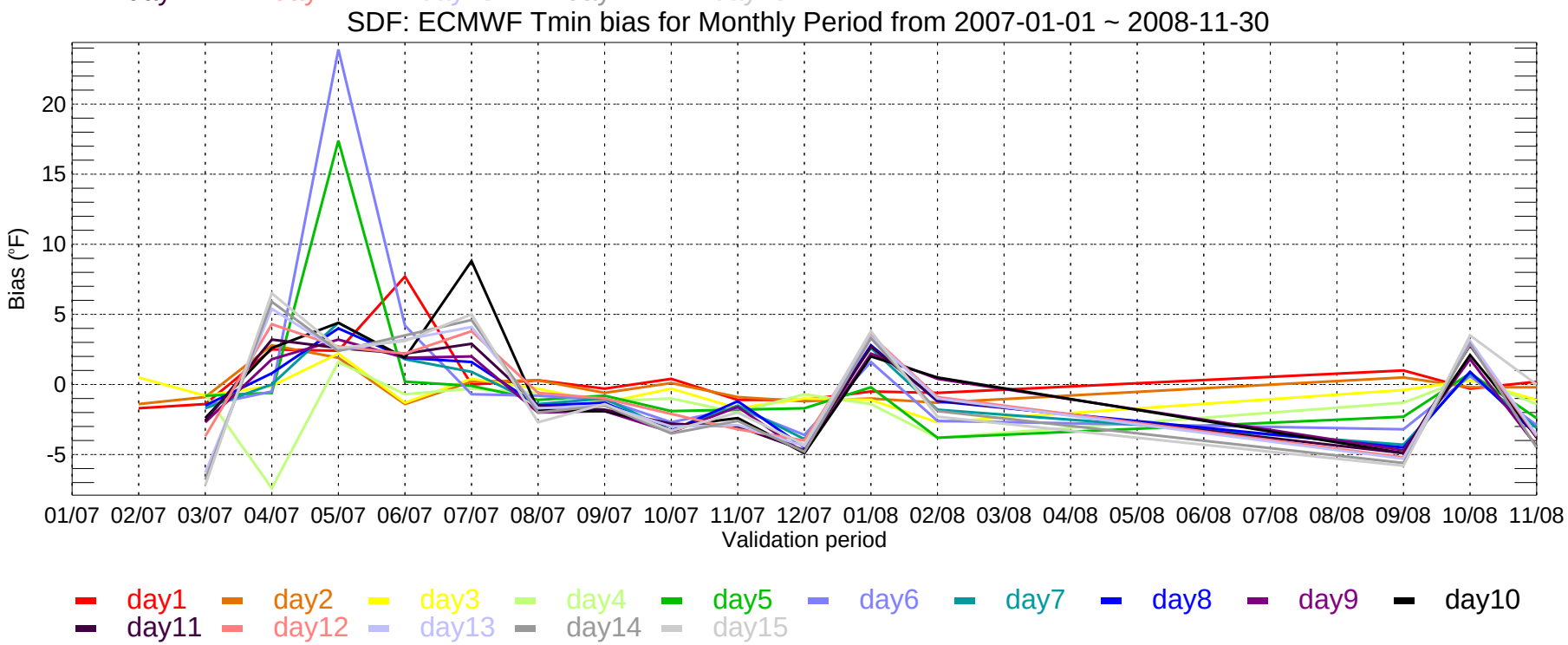

SAV: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

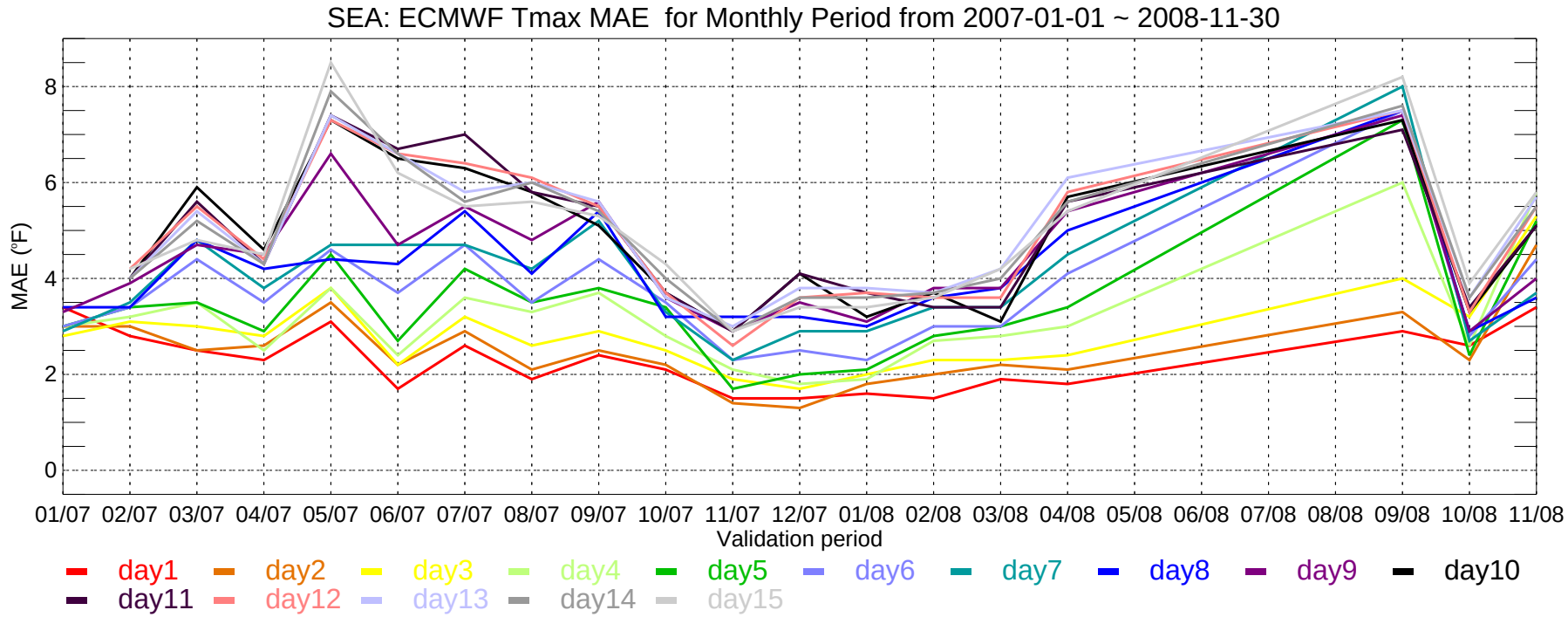

SAV: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

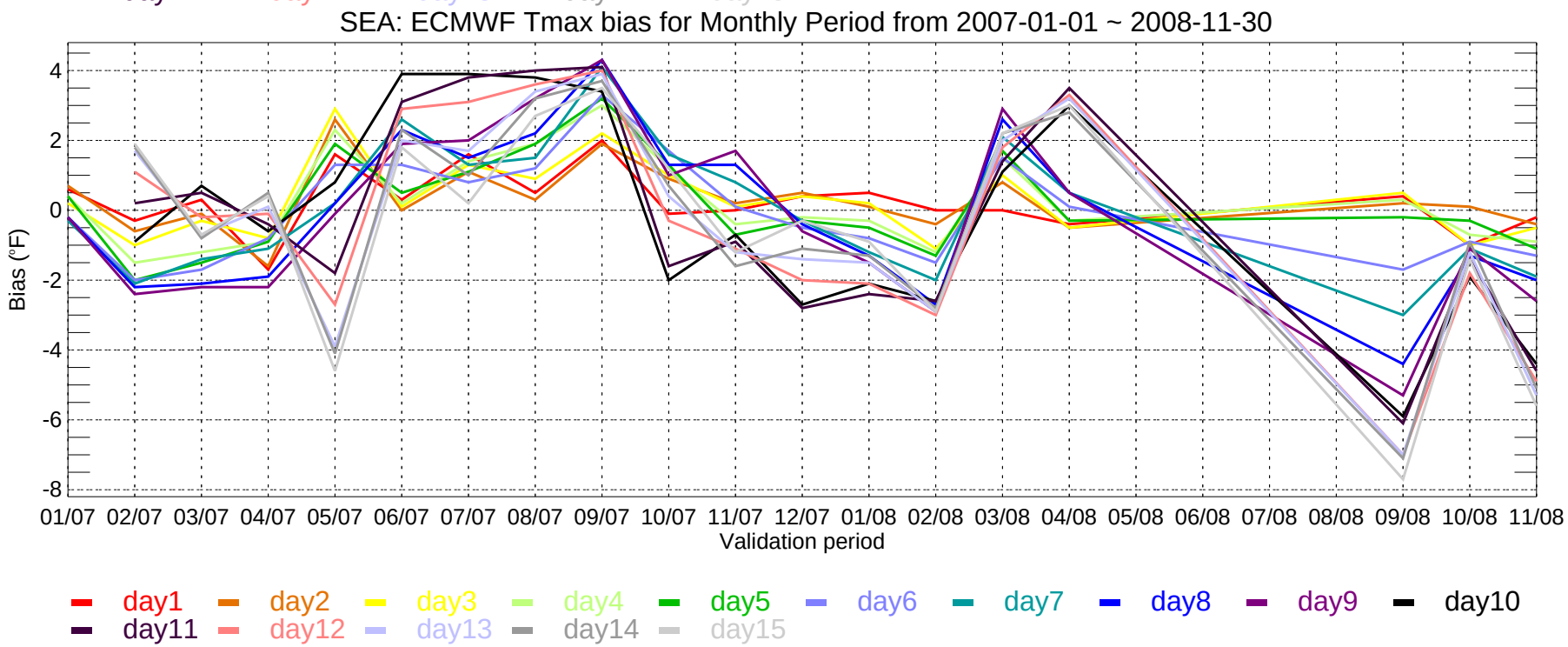

SDF: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
20
40
60
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

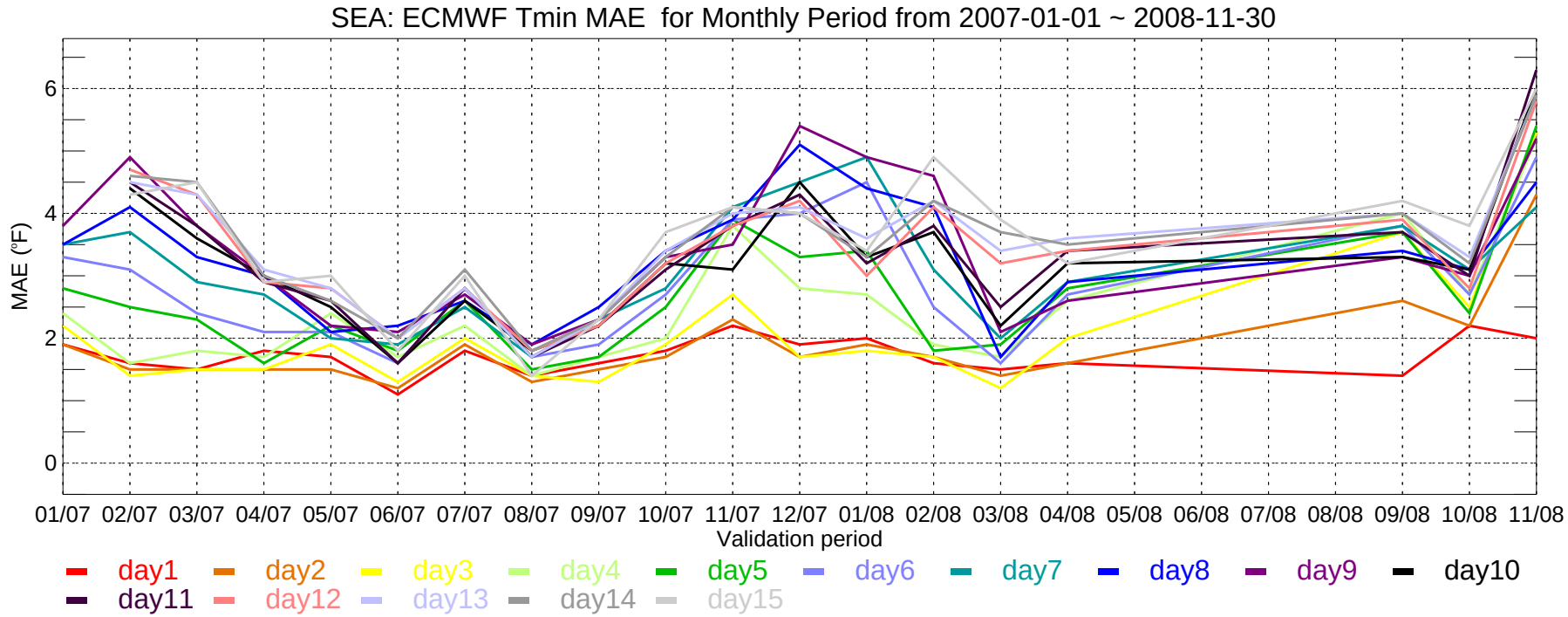

SDF: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
-15
-20
-25
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

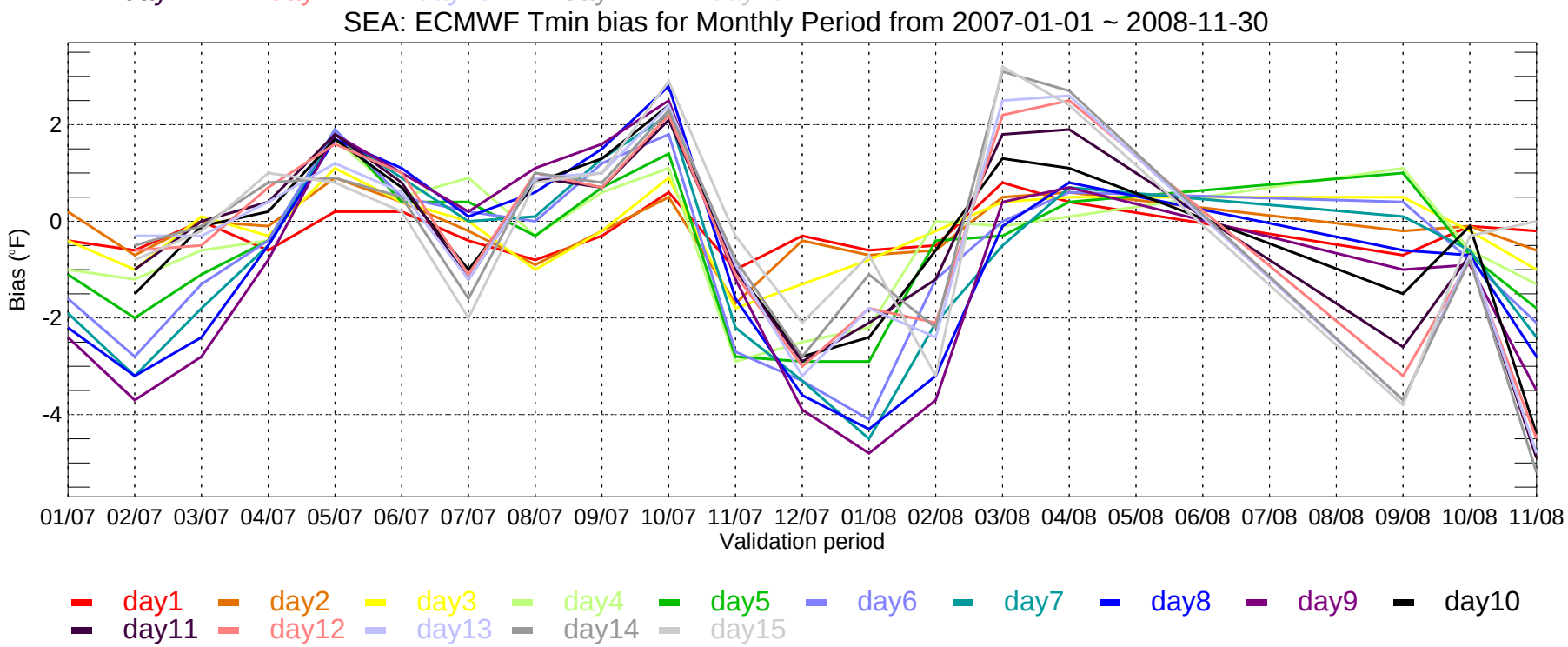

SDF: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
30
25
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

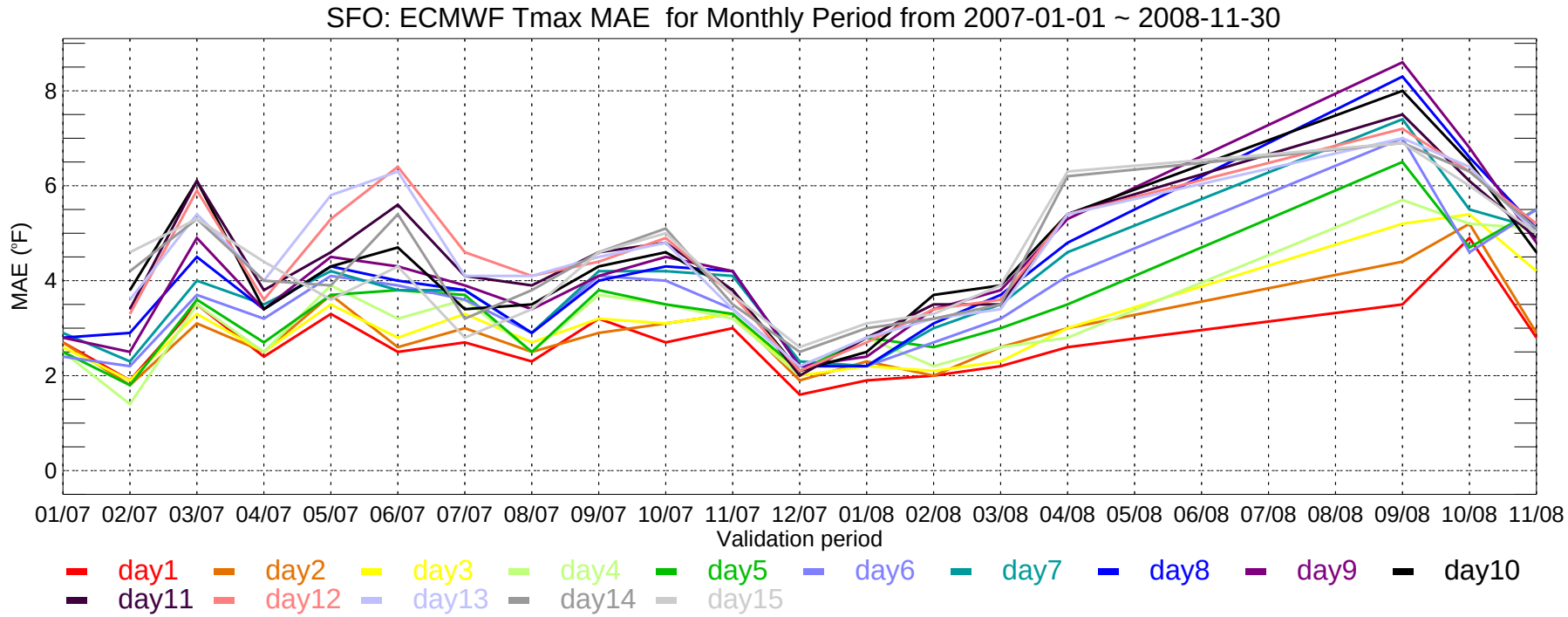

SDF: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
20
15
10
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

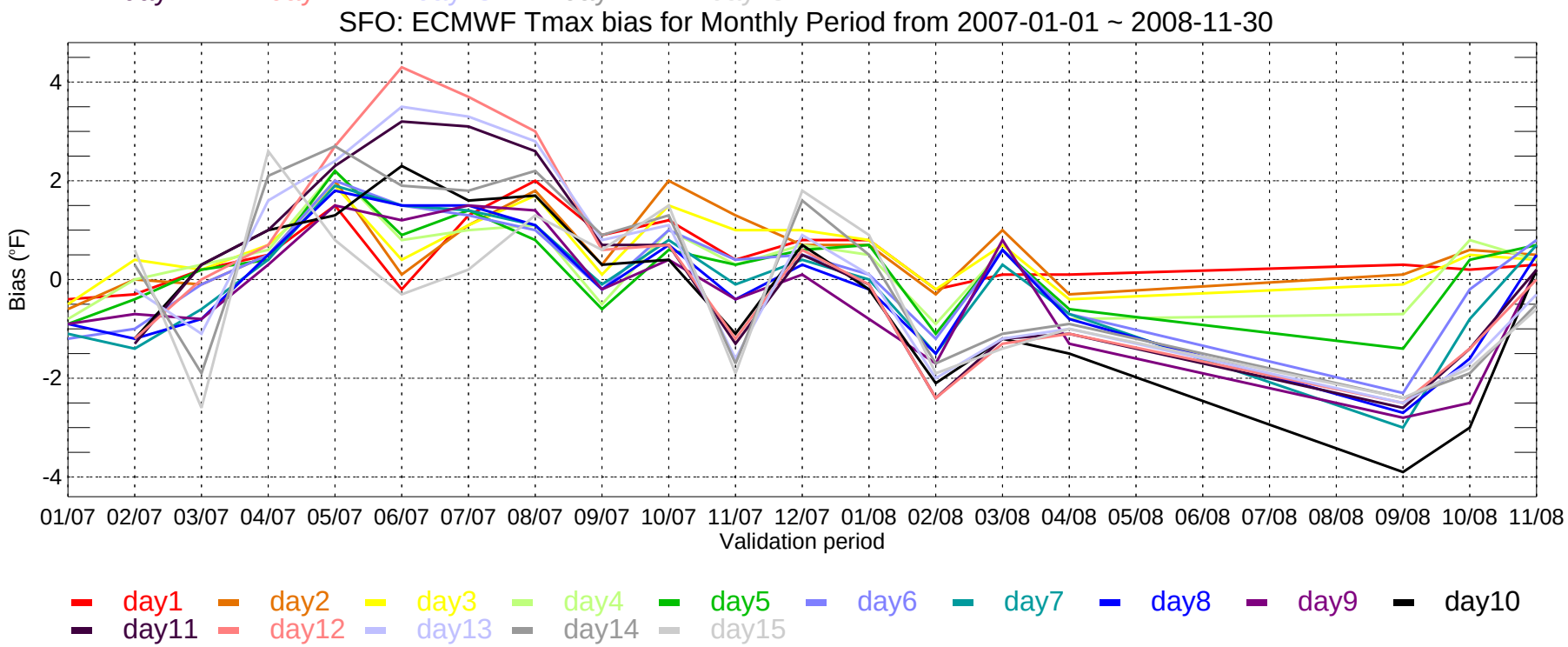

SEA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

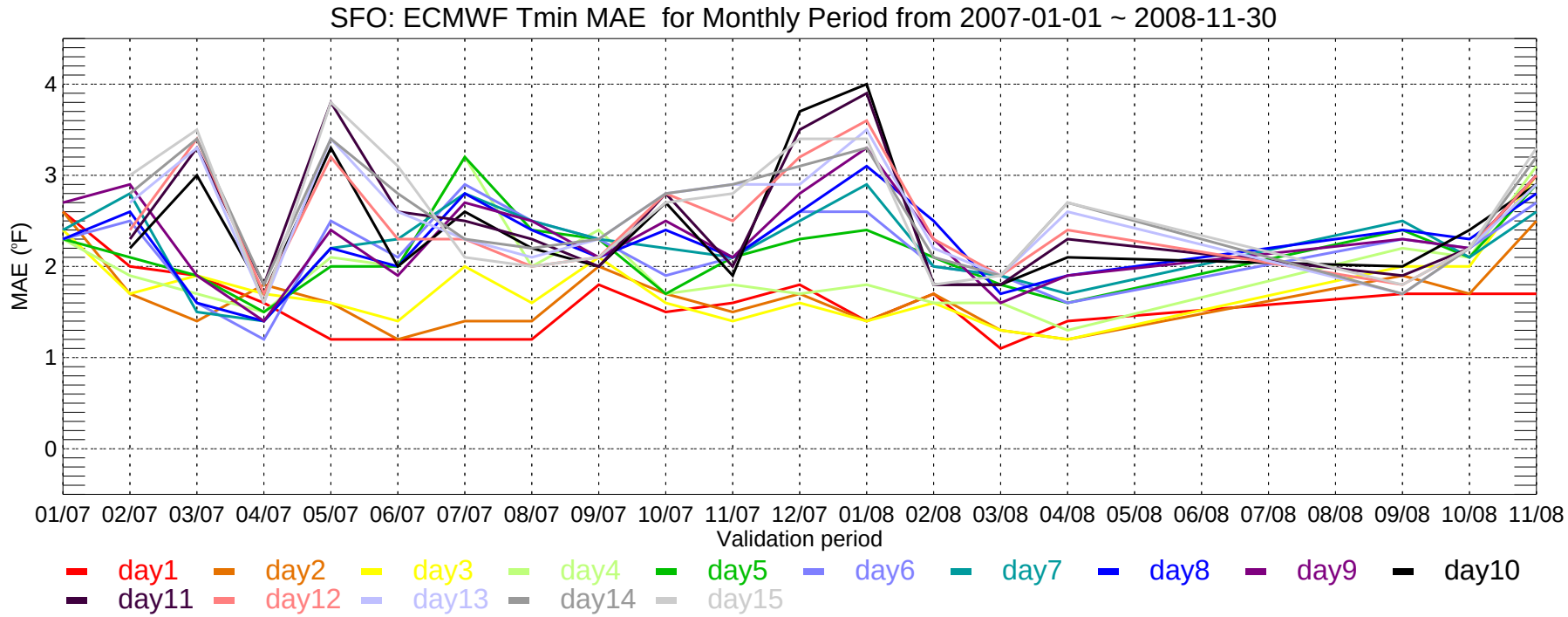

SEA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

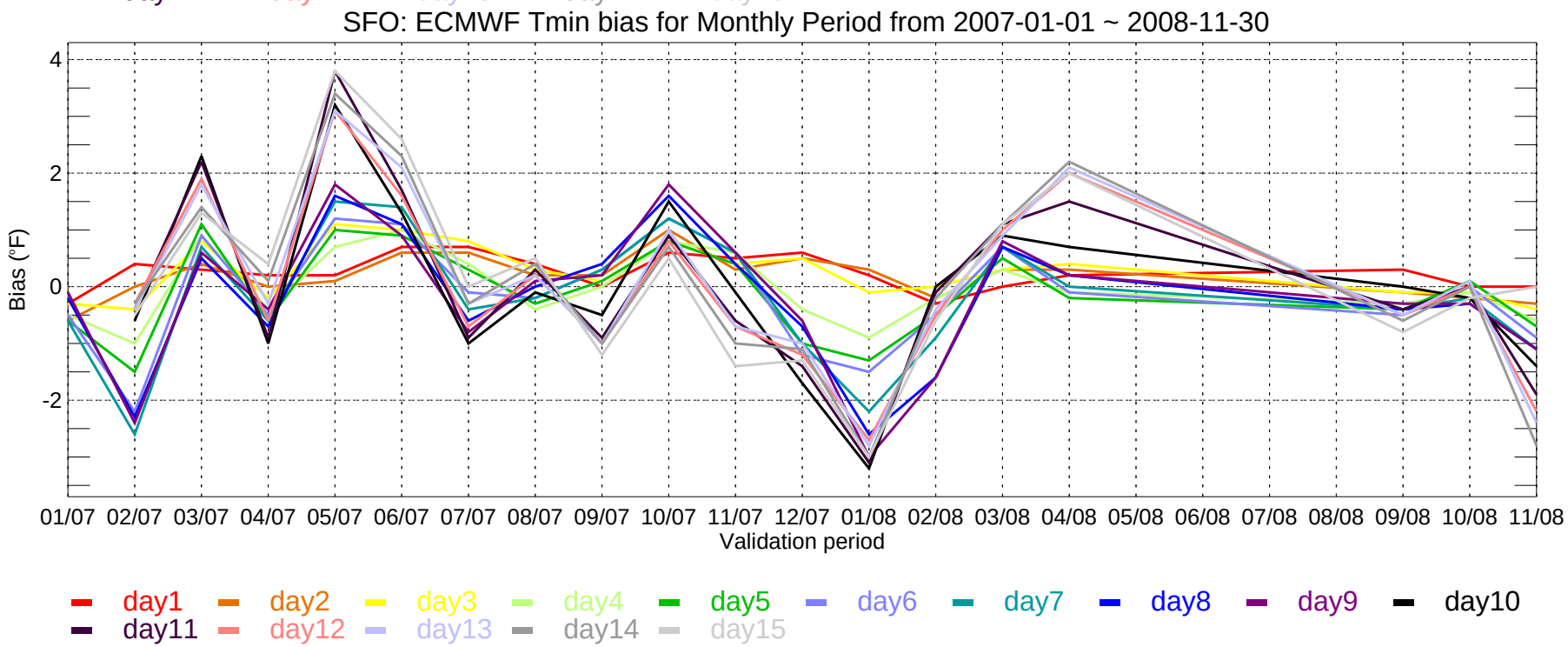

SEA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

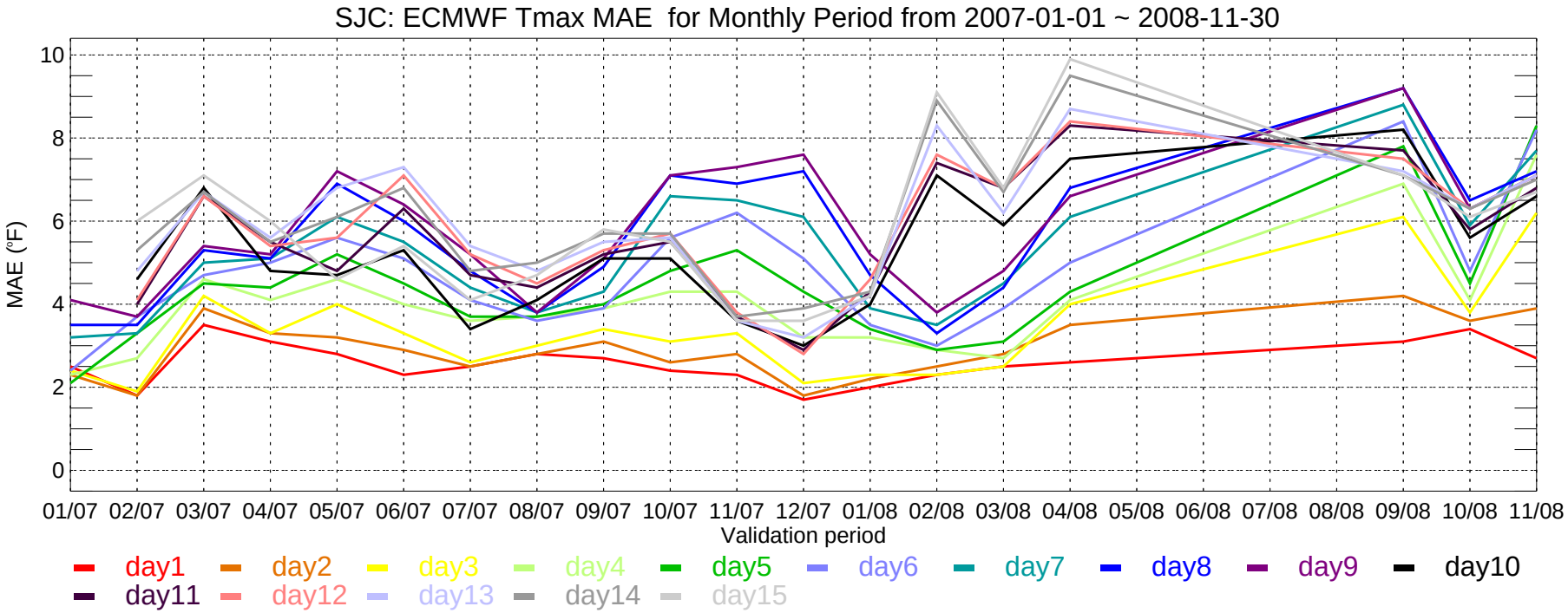

SEA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

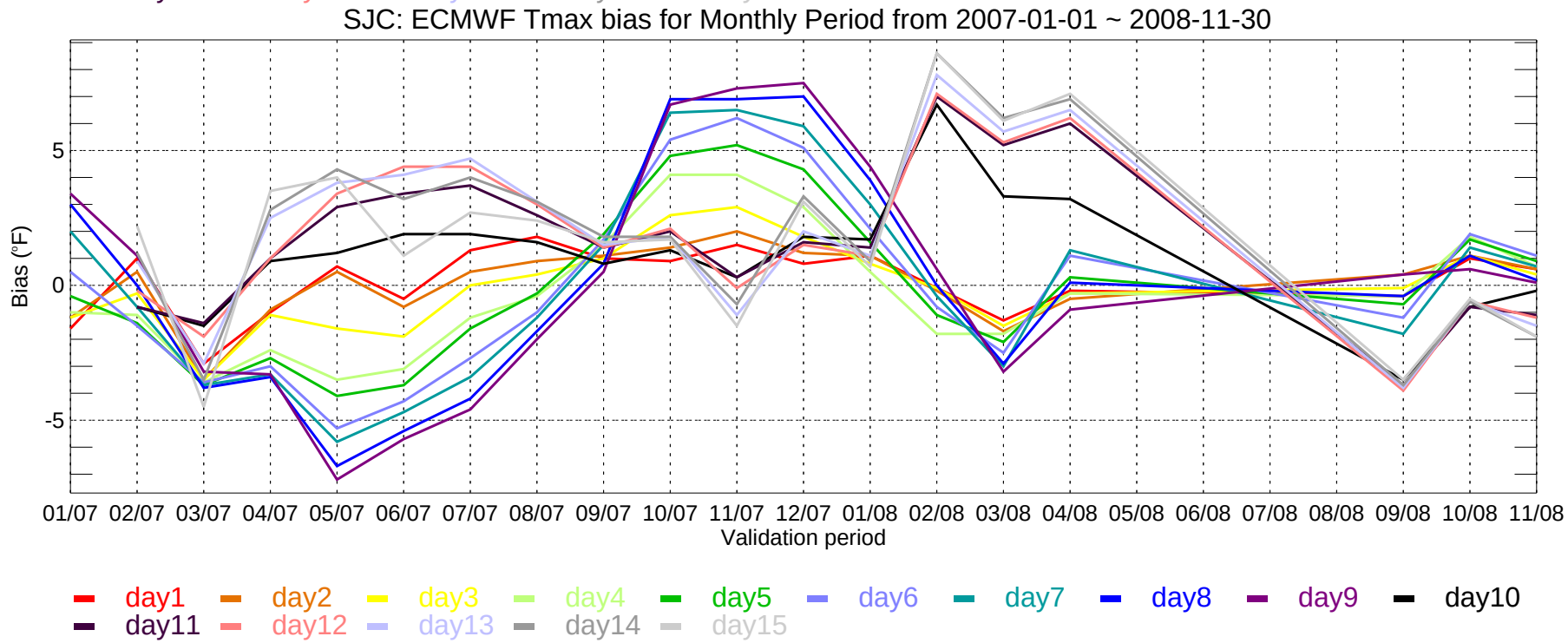

SFO: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

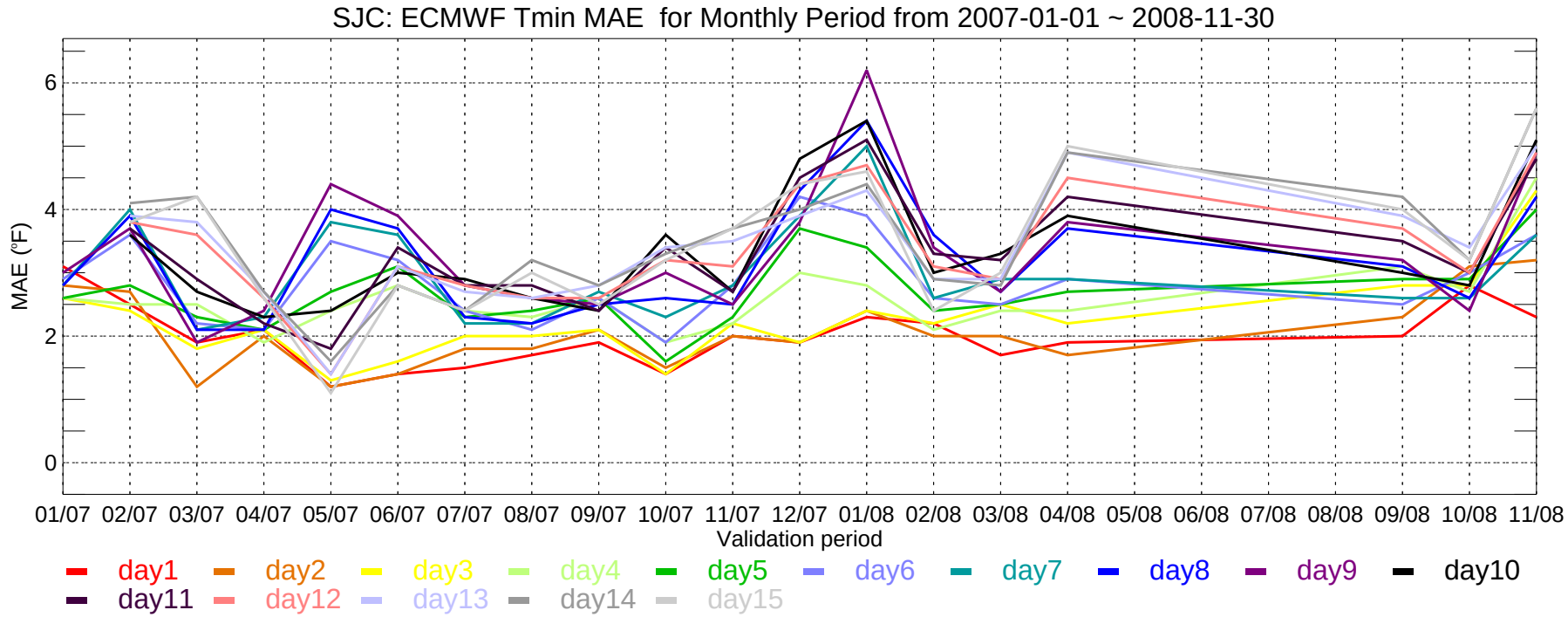

SFO: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

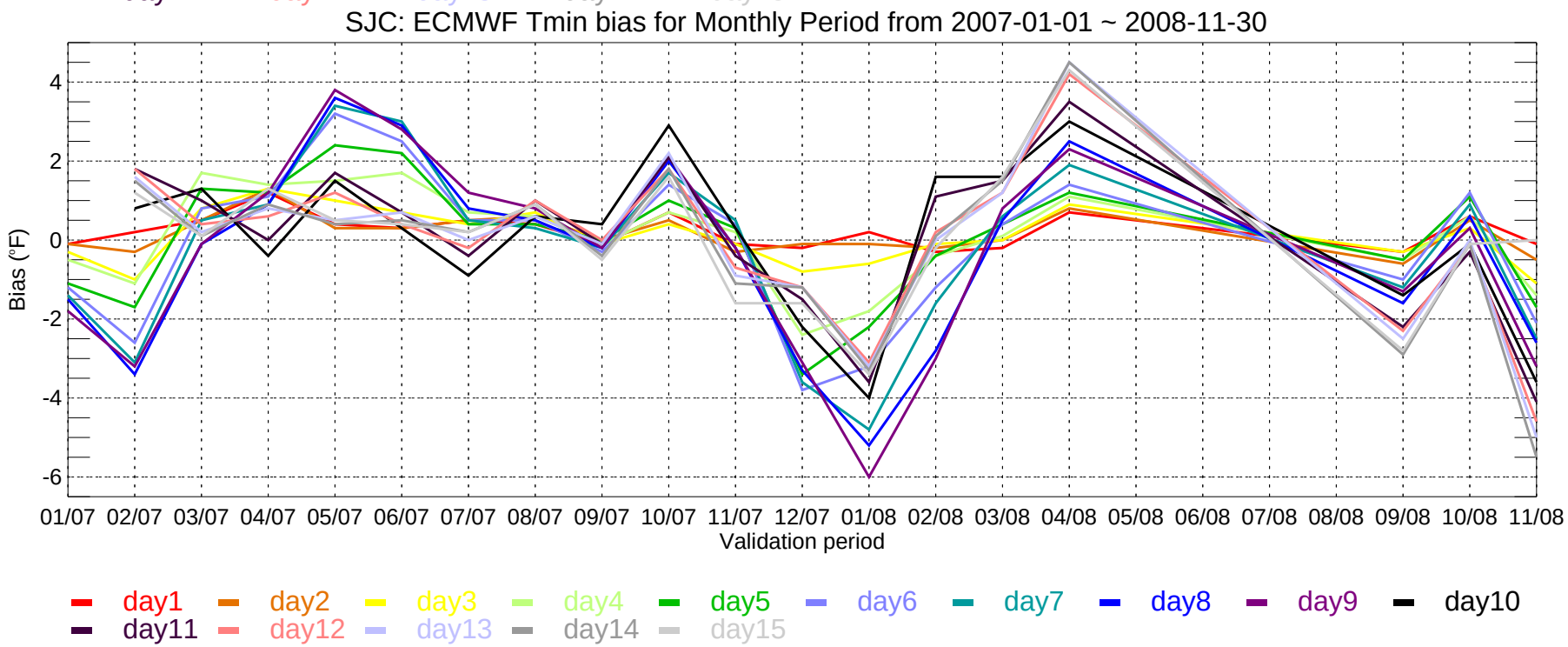

SFO: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
4
3
2
1
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

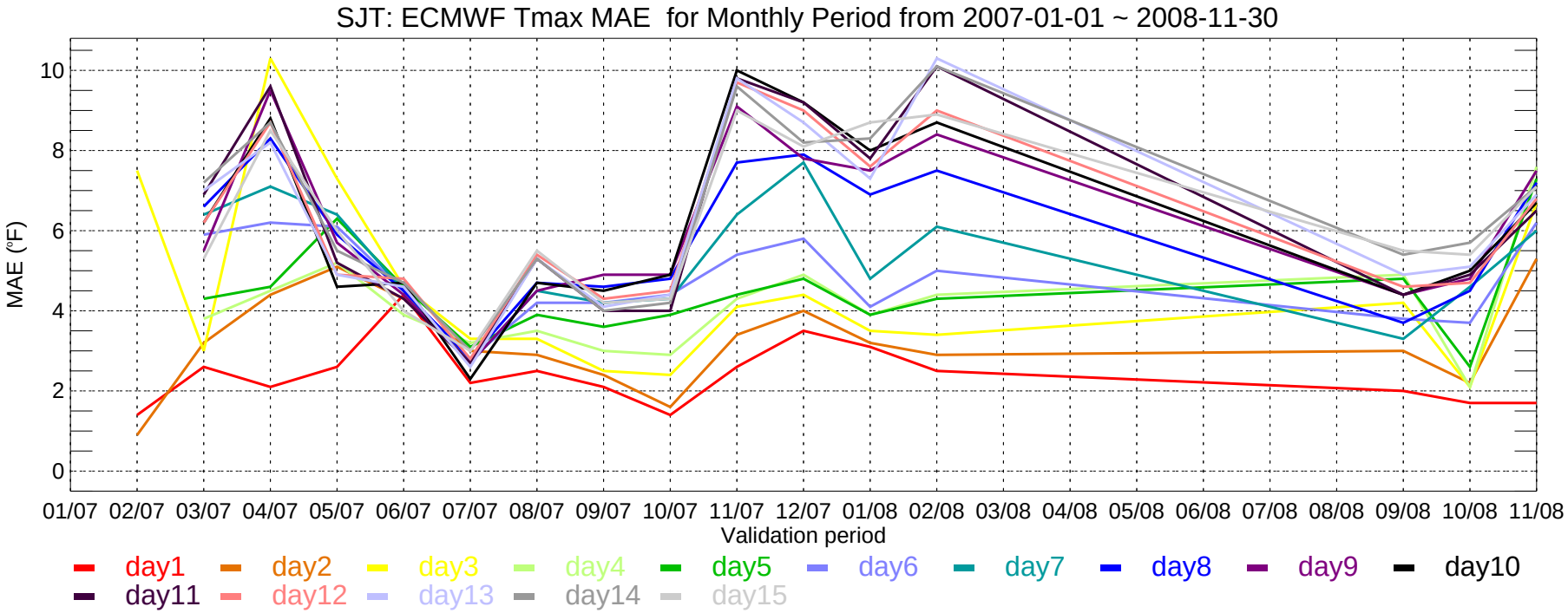

SFO: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

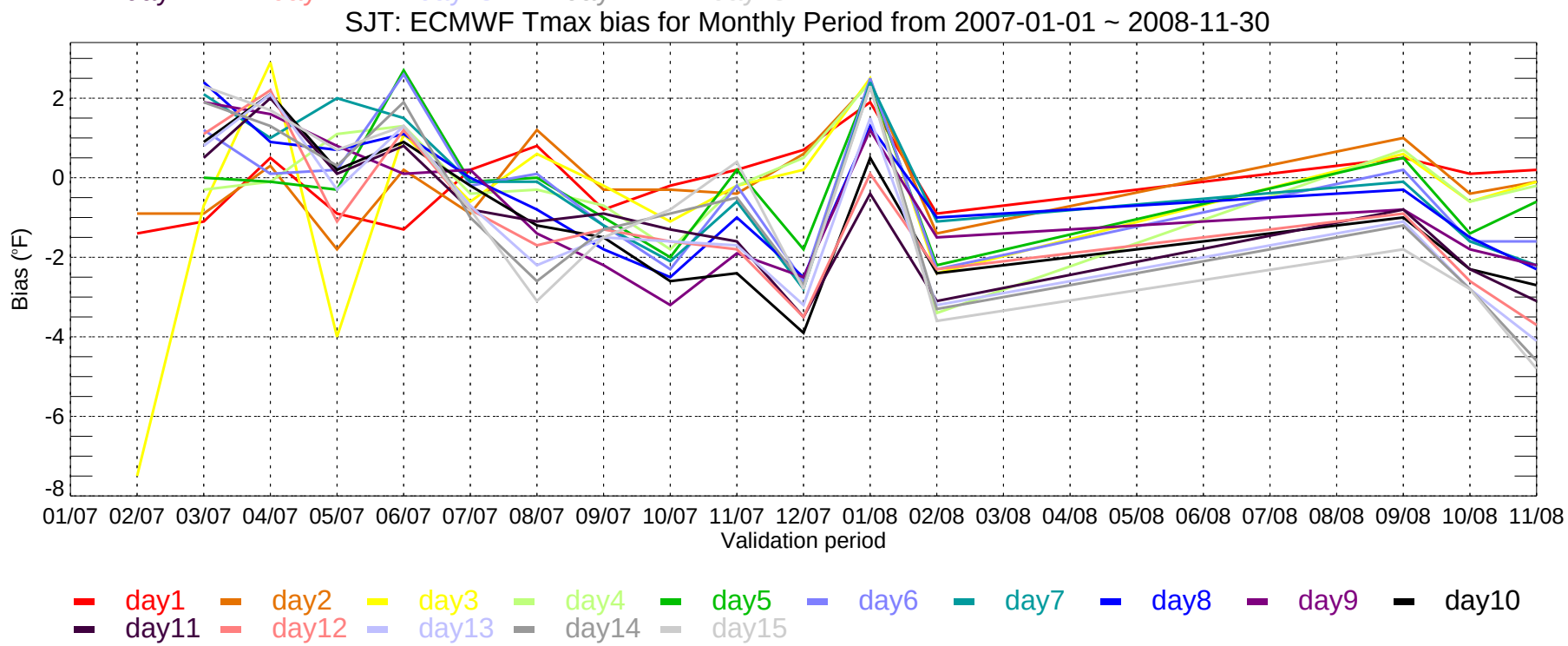

SJC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

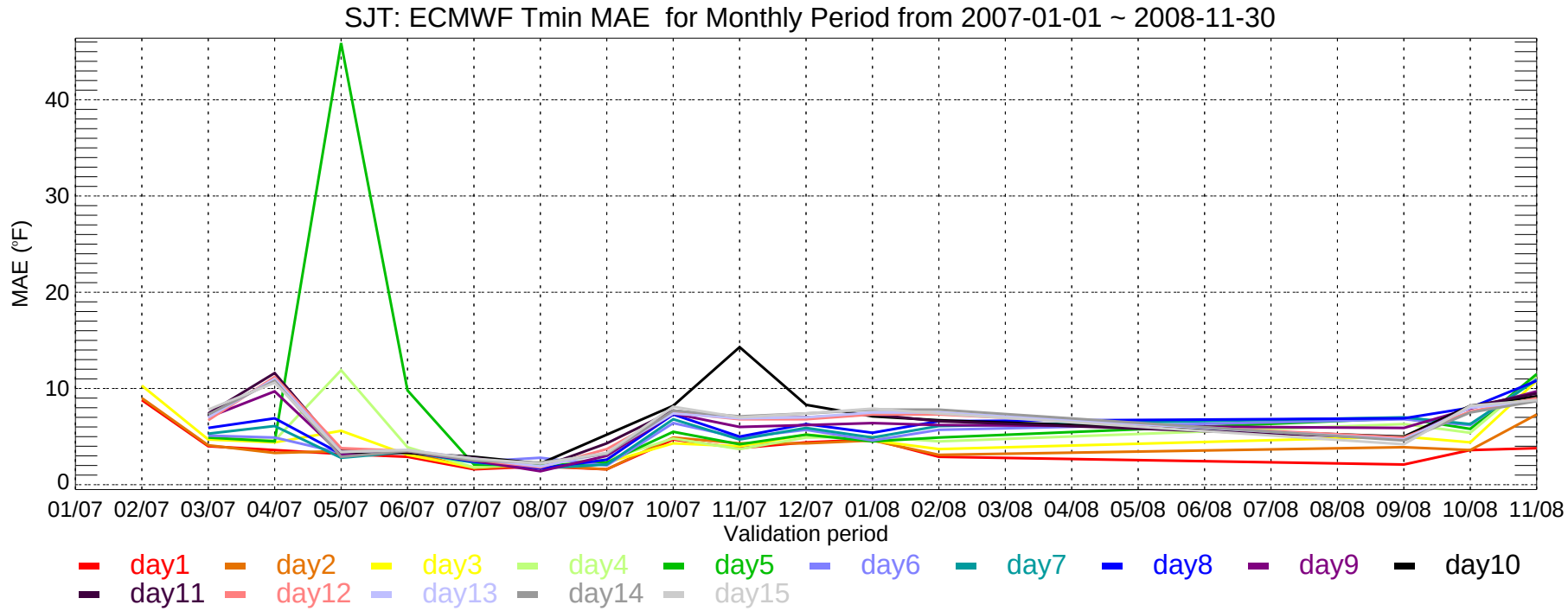

SJC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

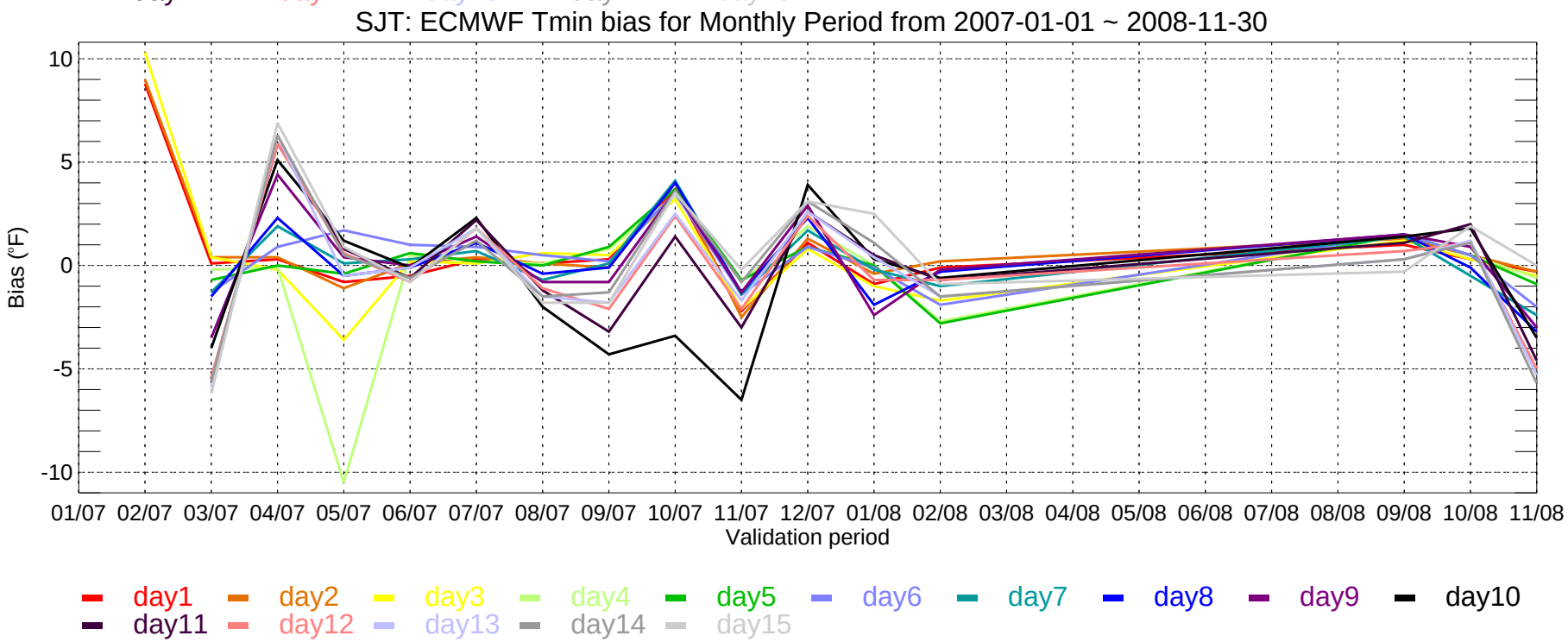

SJC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

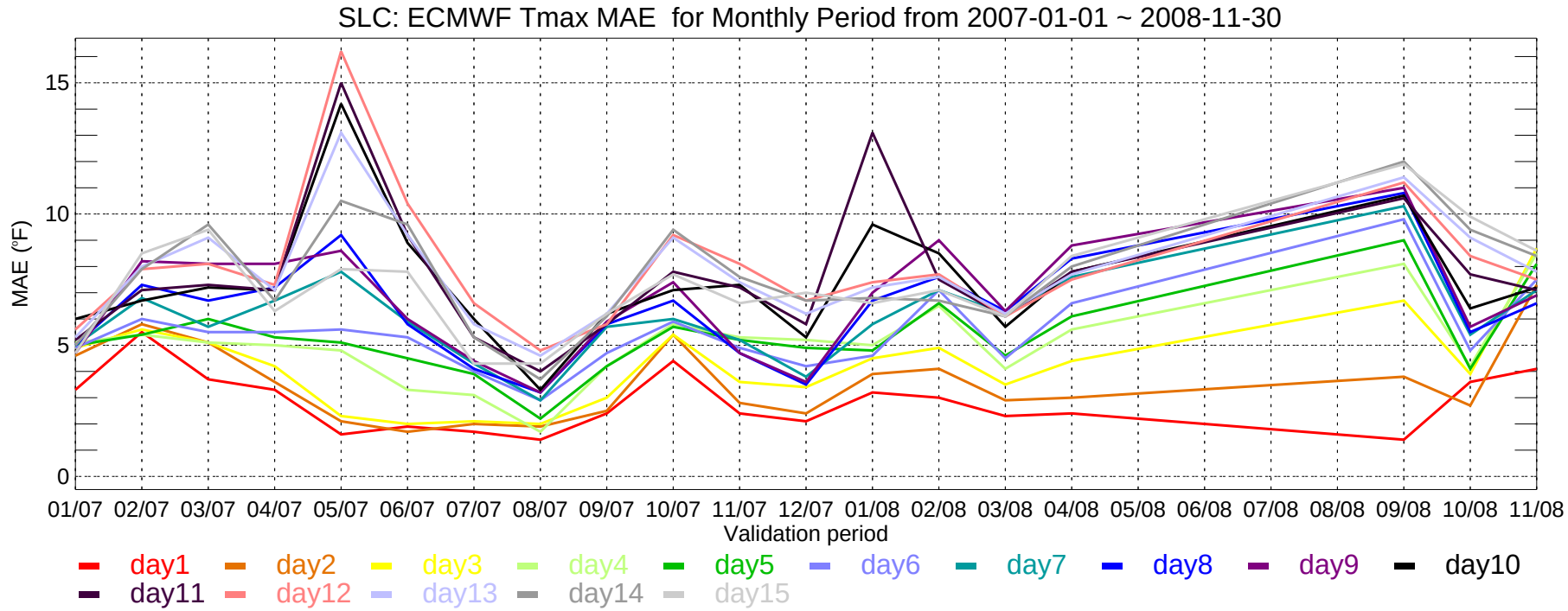

SJC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

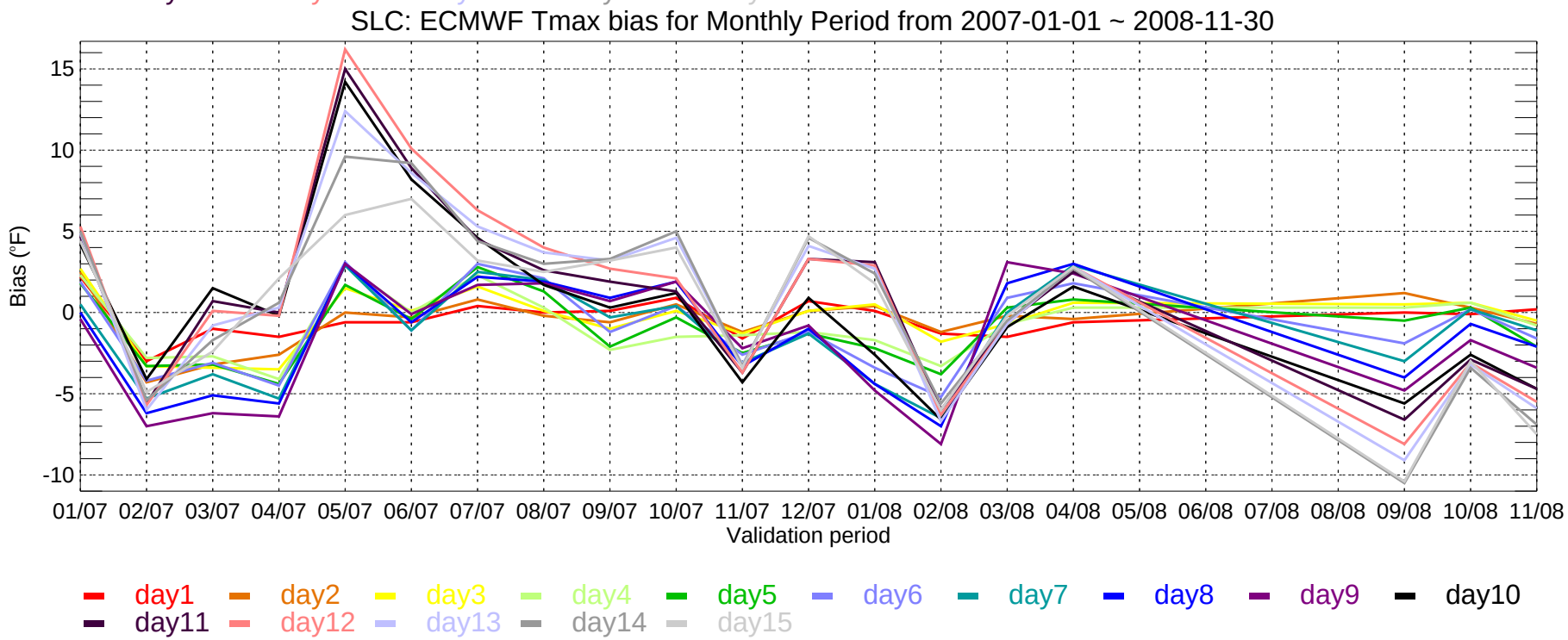

SJT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

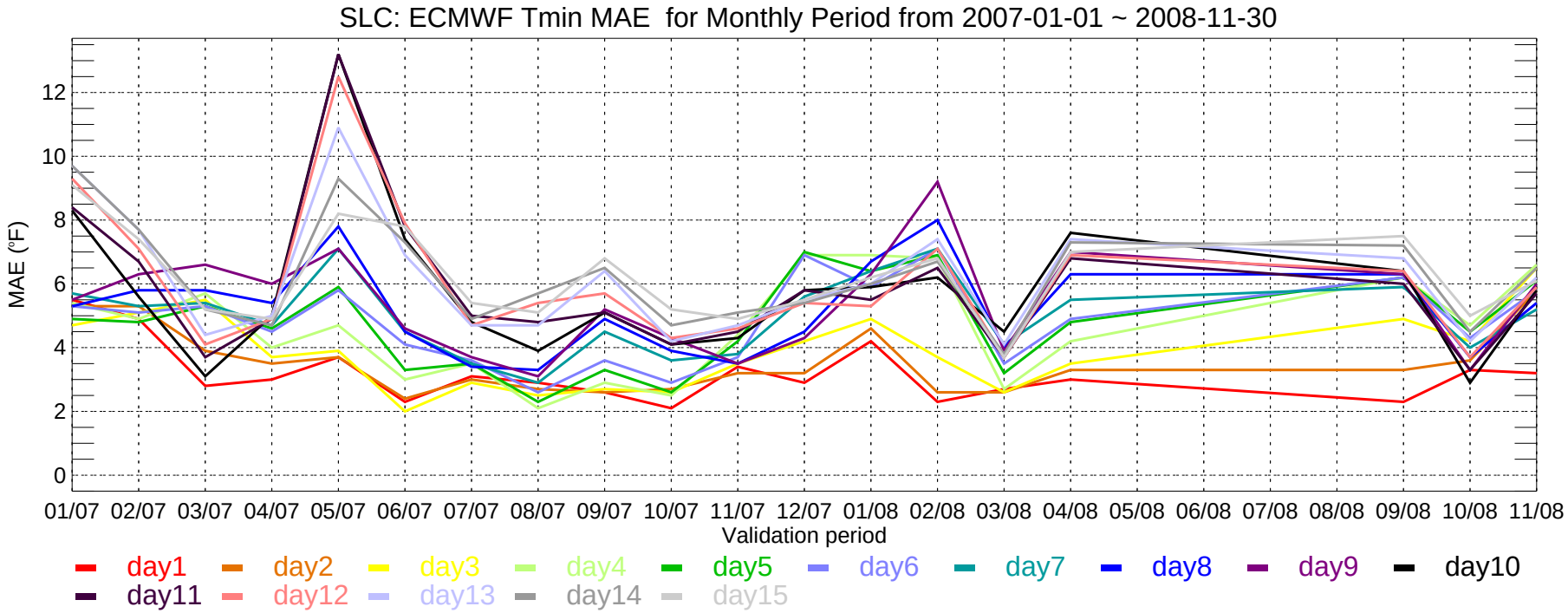

SJT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

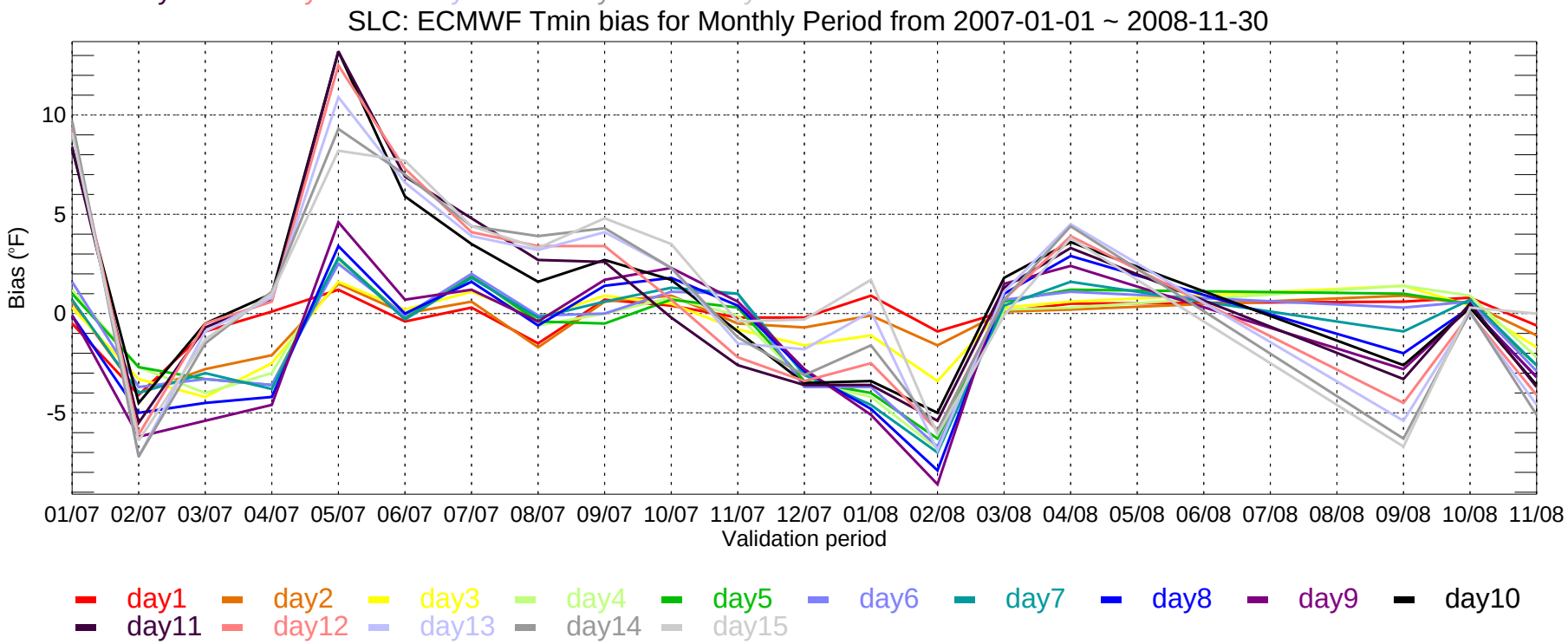

SJT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
10
20
30
40
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

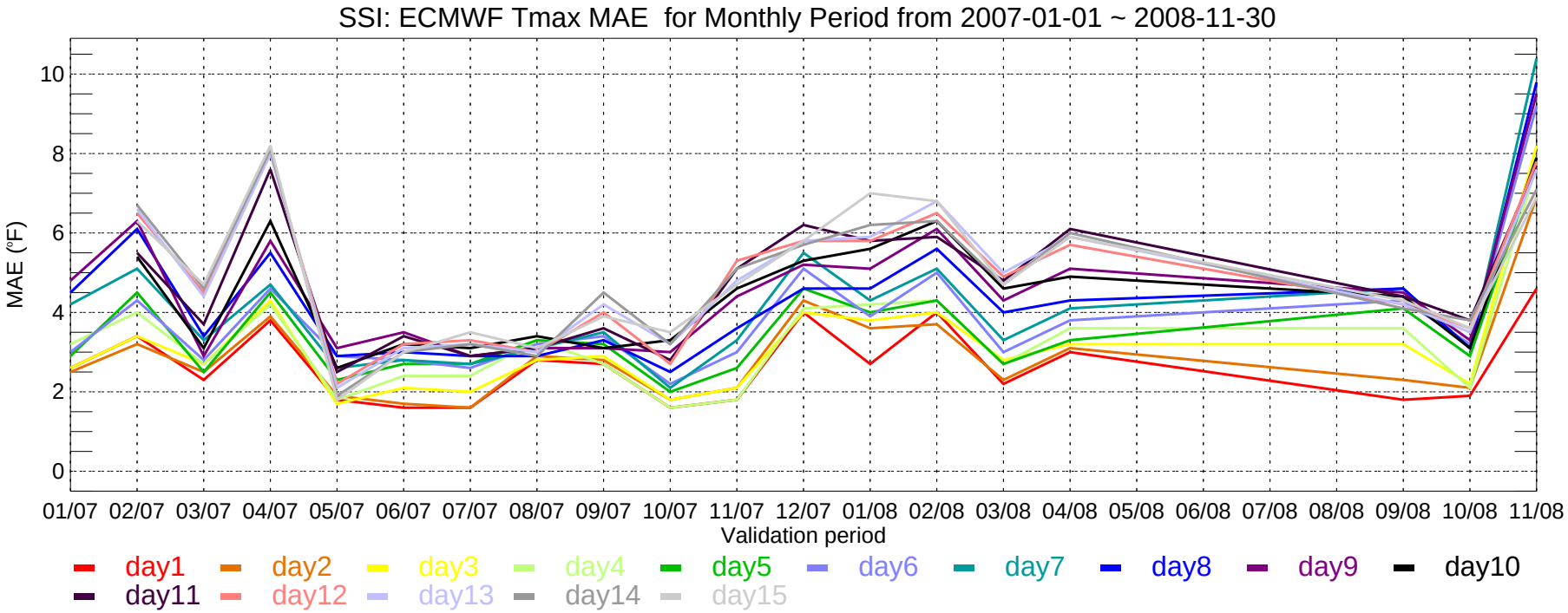

SJT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

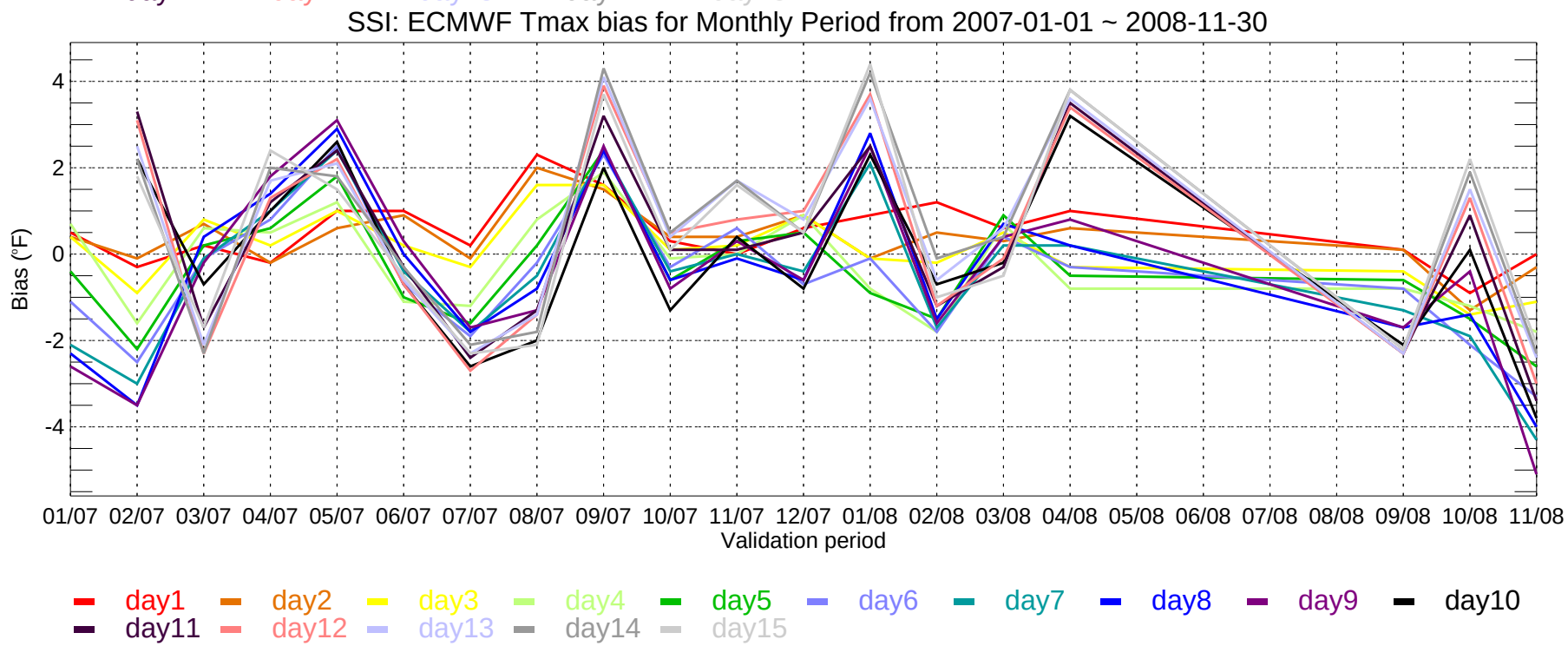

SLC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

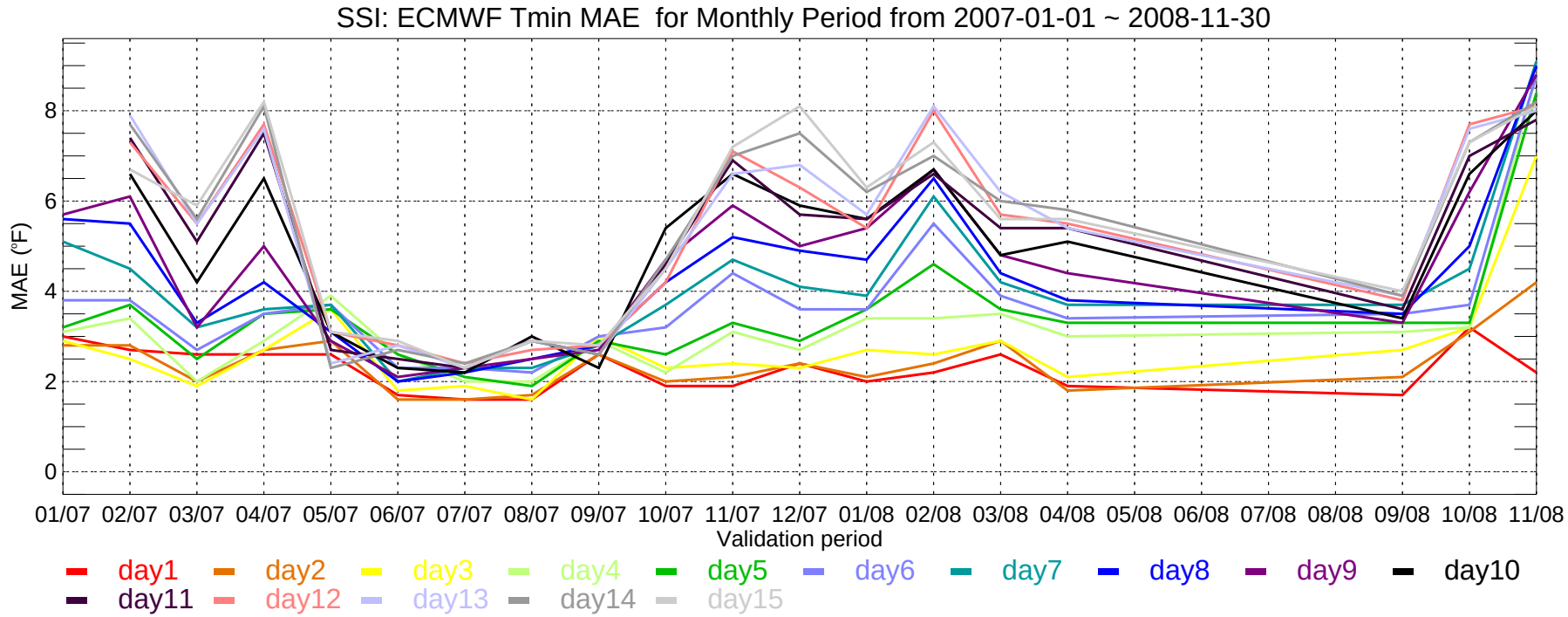

SLC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
15
10
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

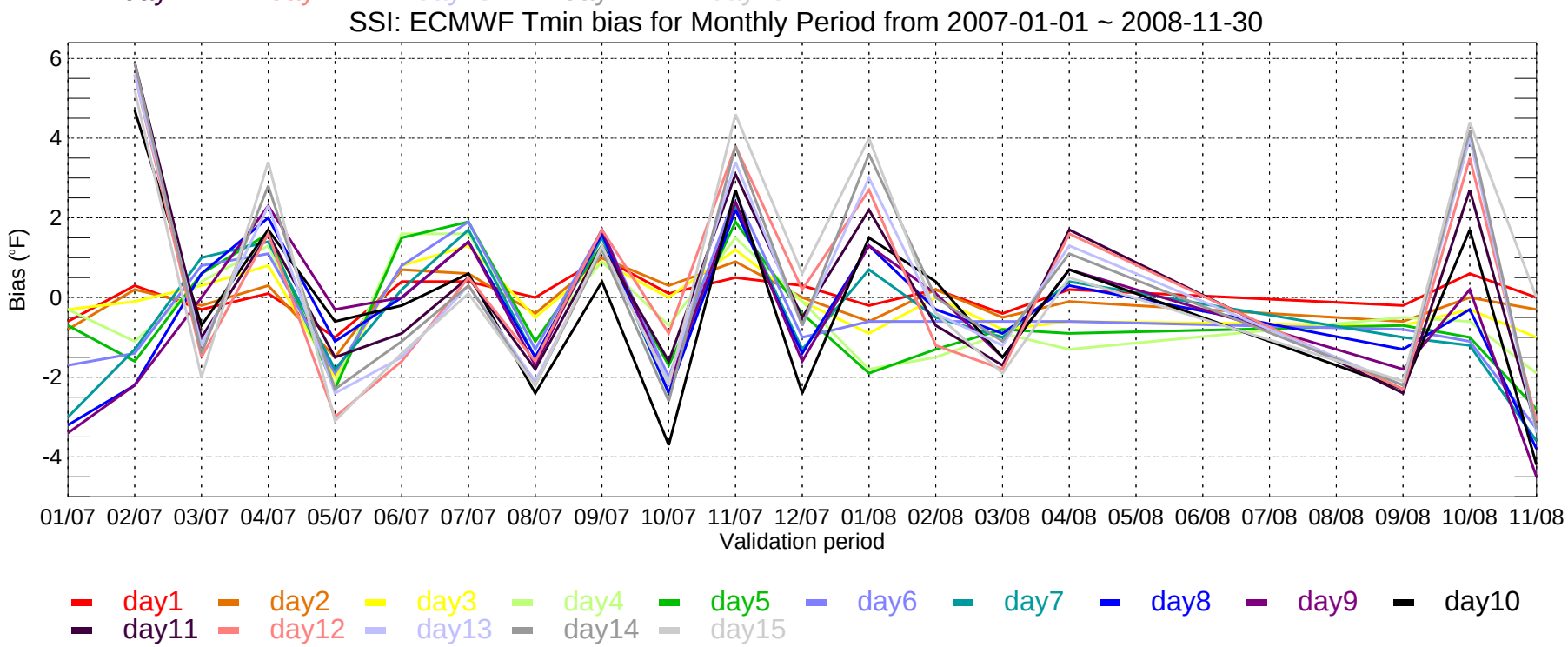

SLC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

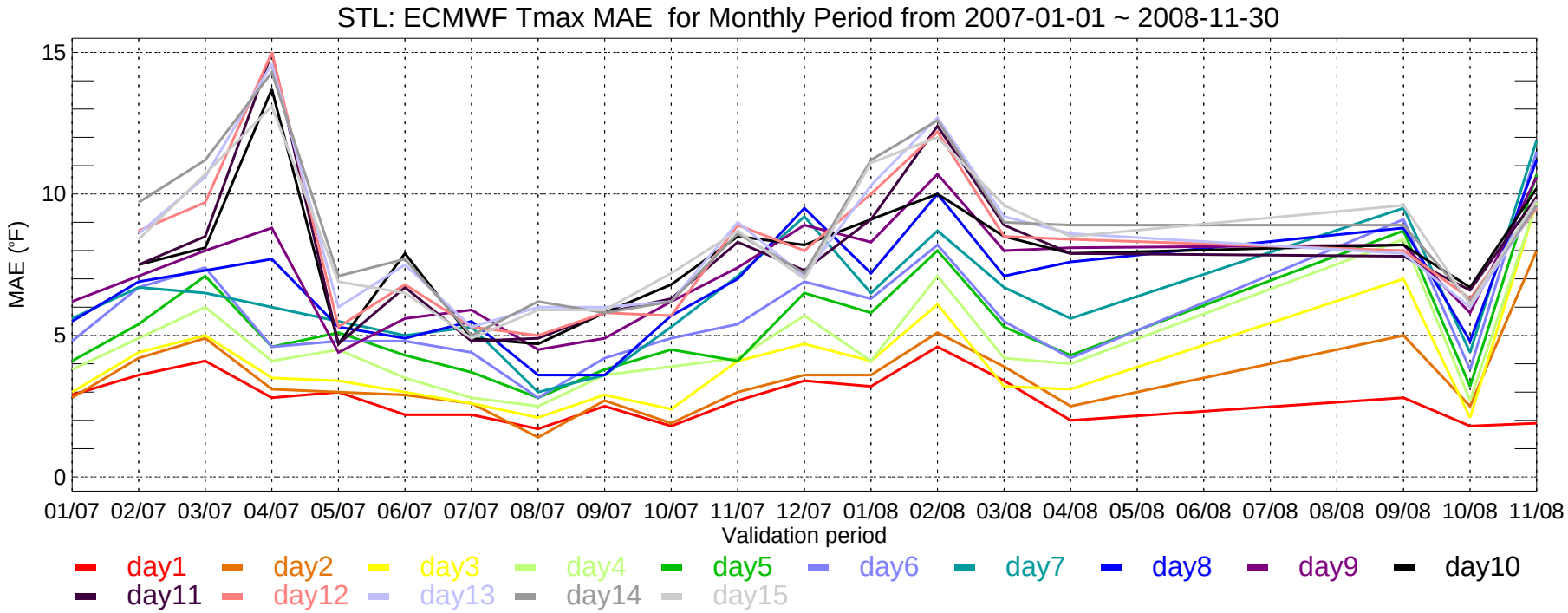

SLC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

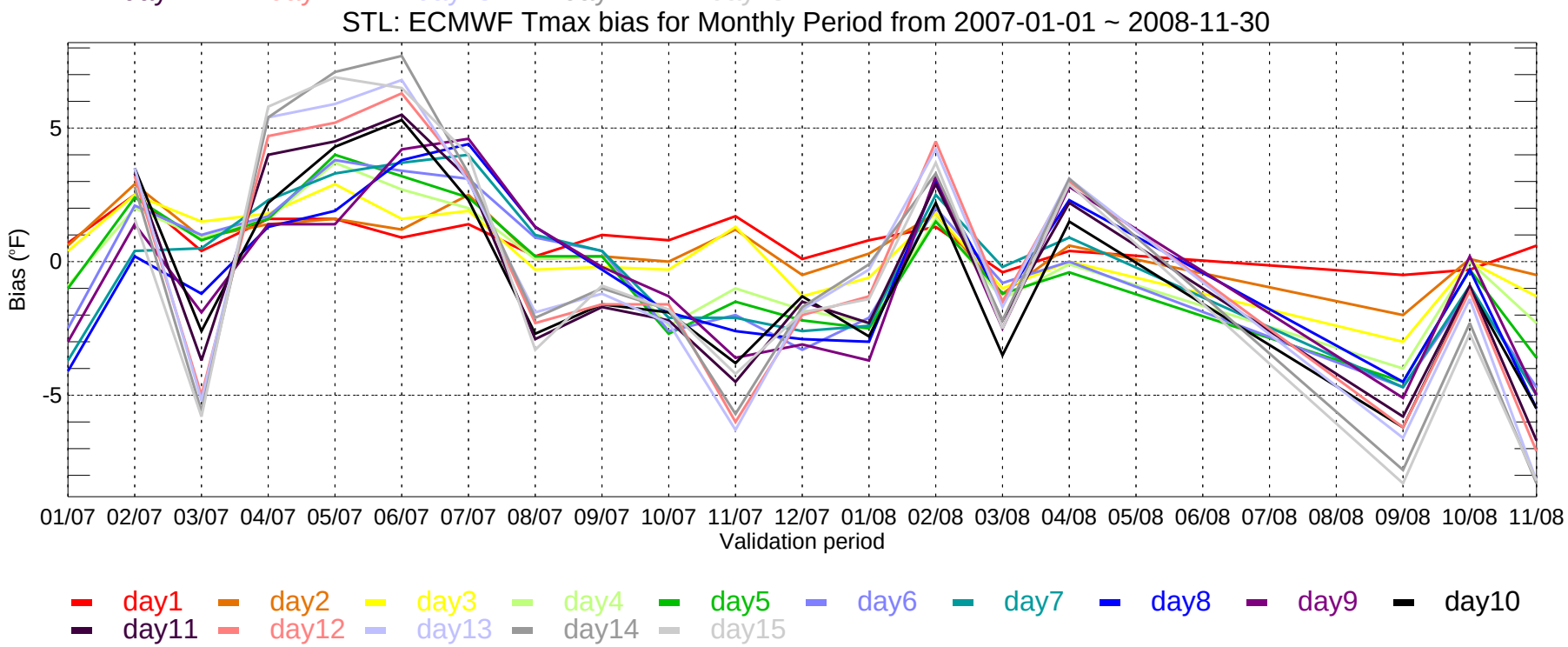

SSI: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

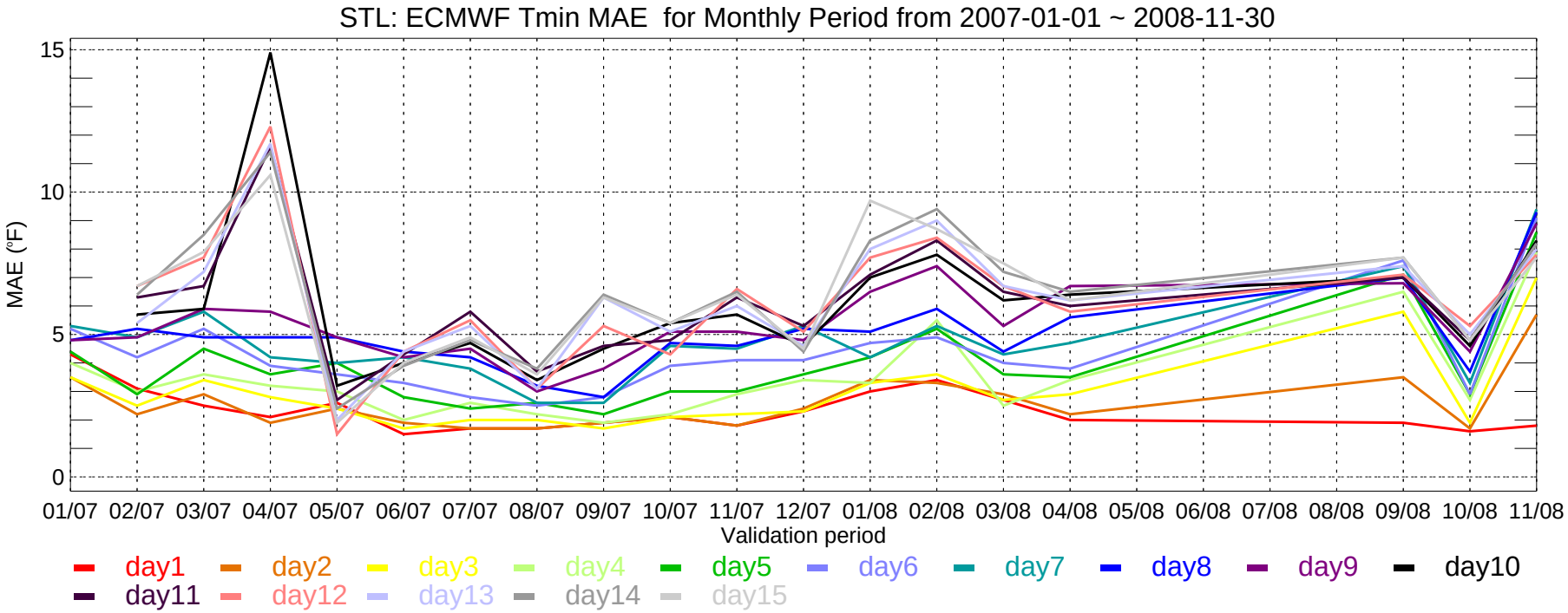

SSI: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

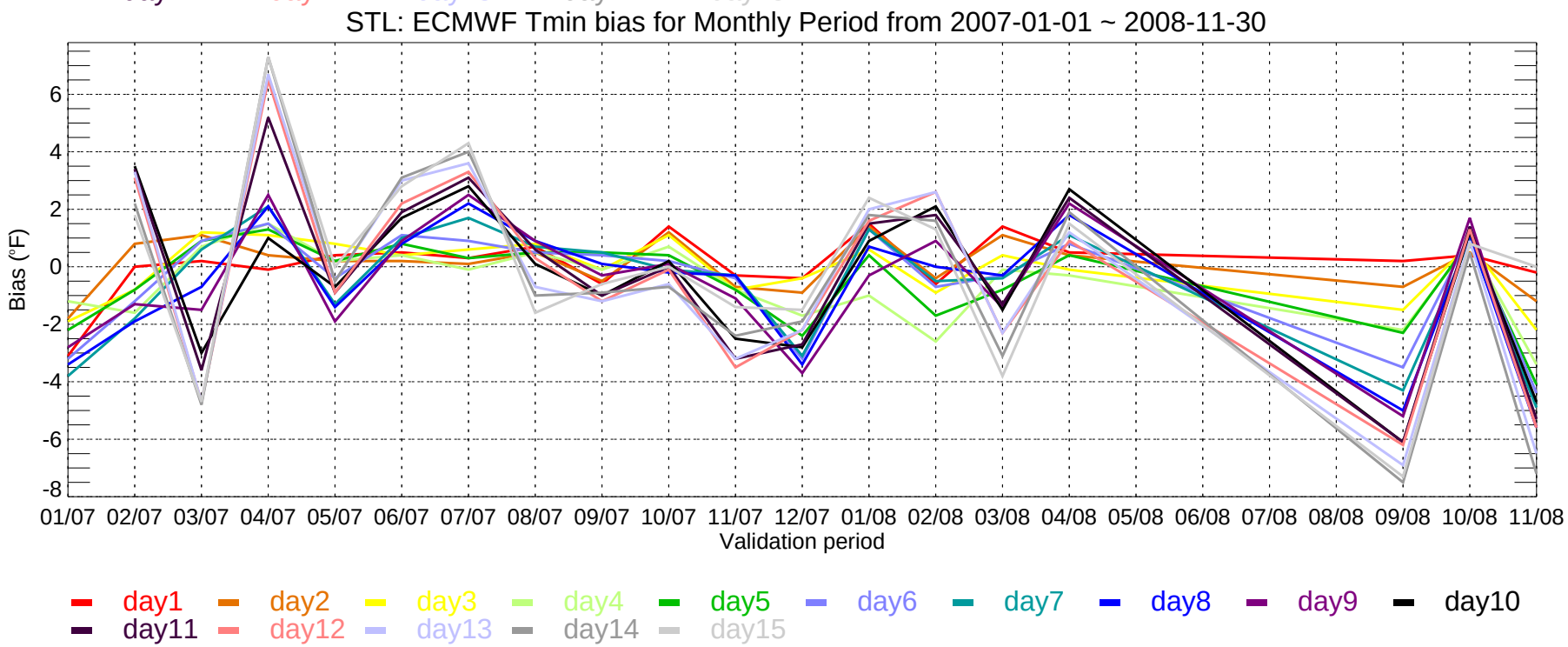

SSI: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

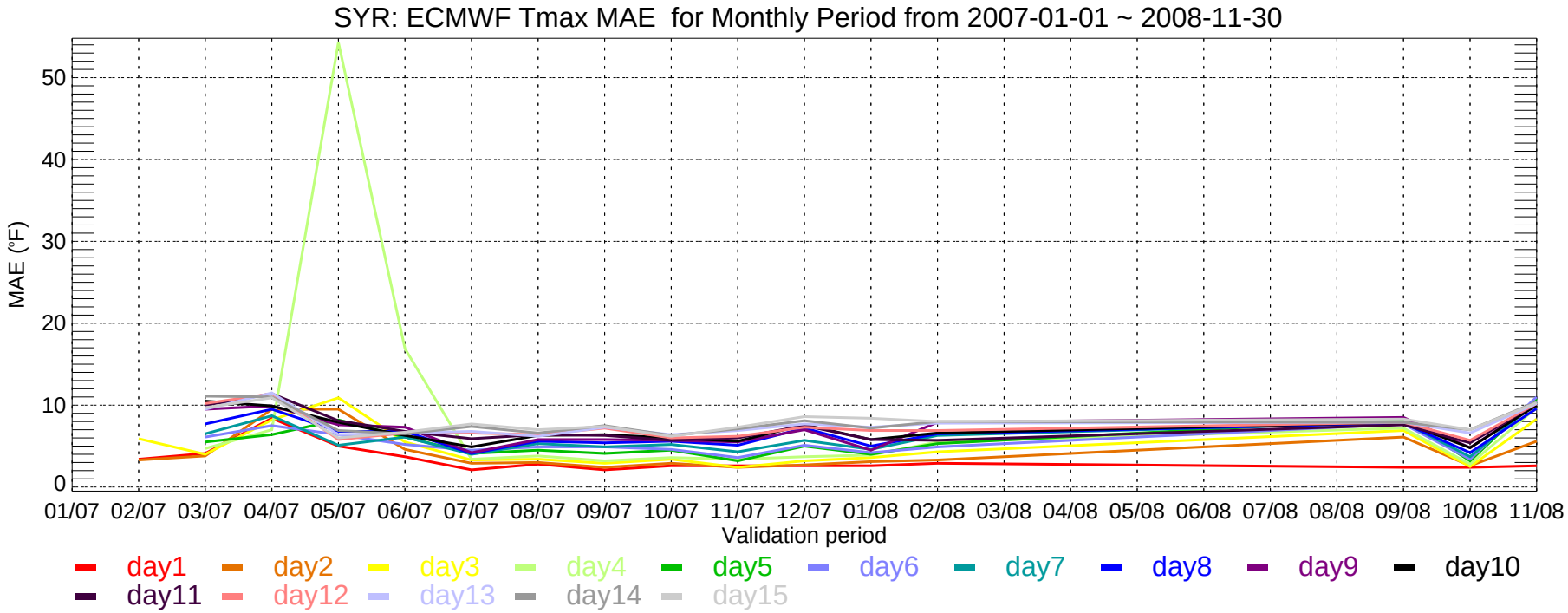

SSI: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

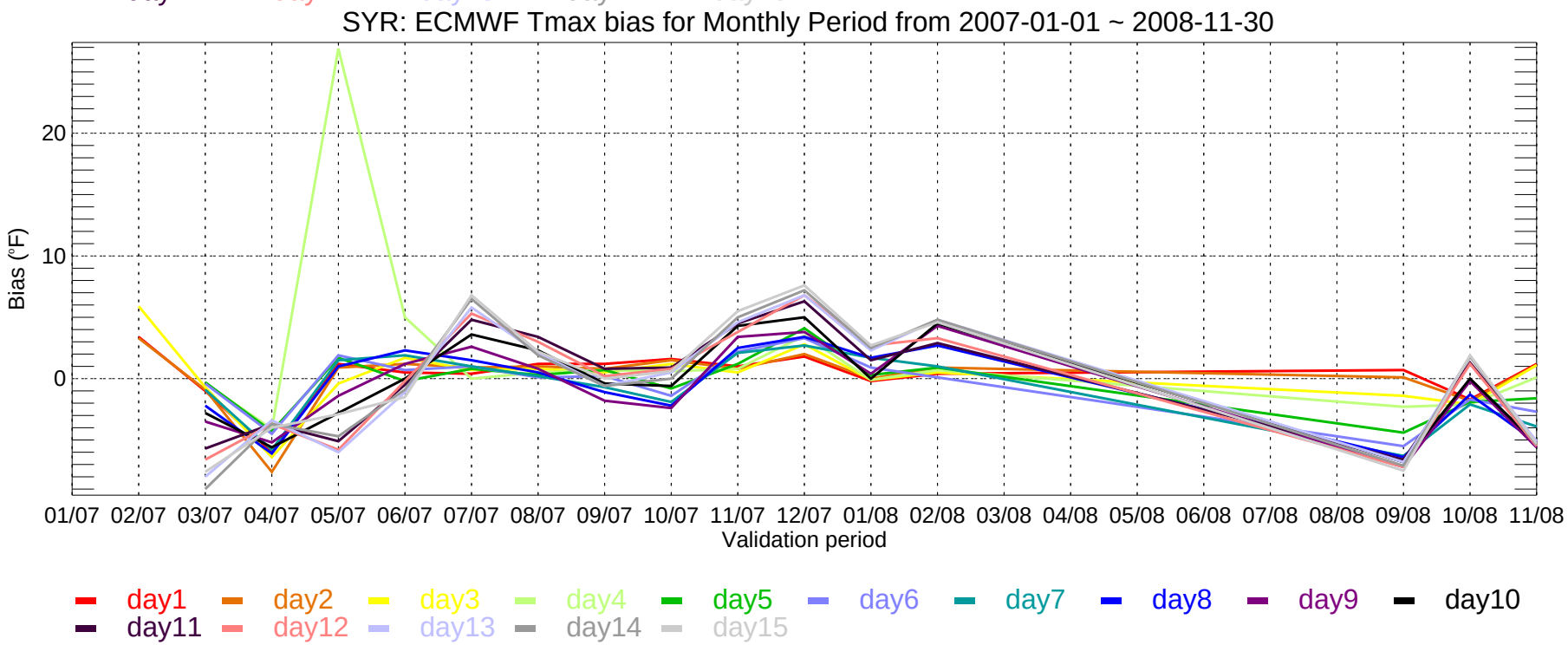

STL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

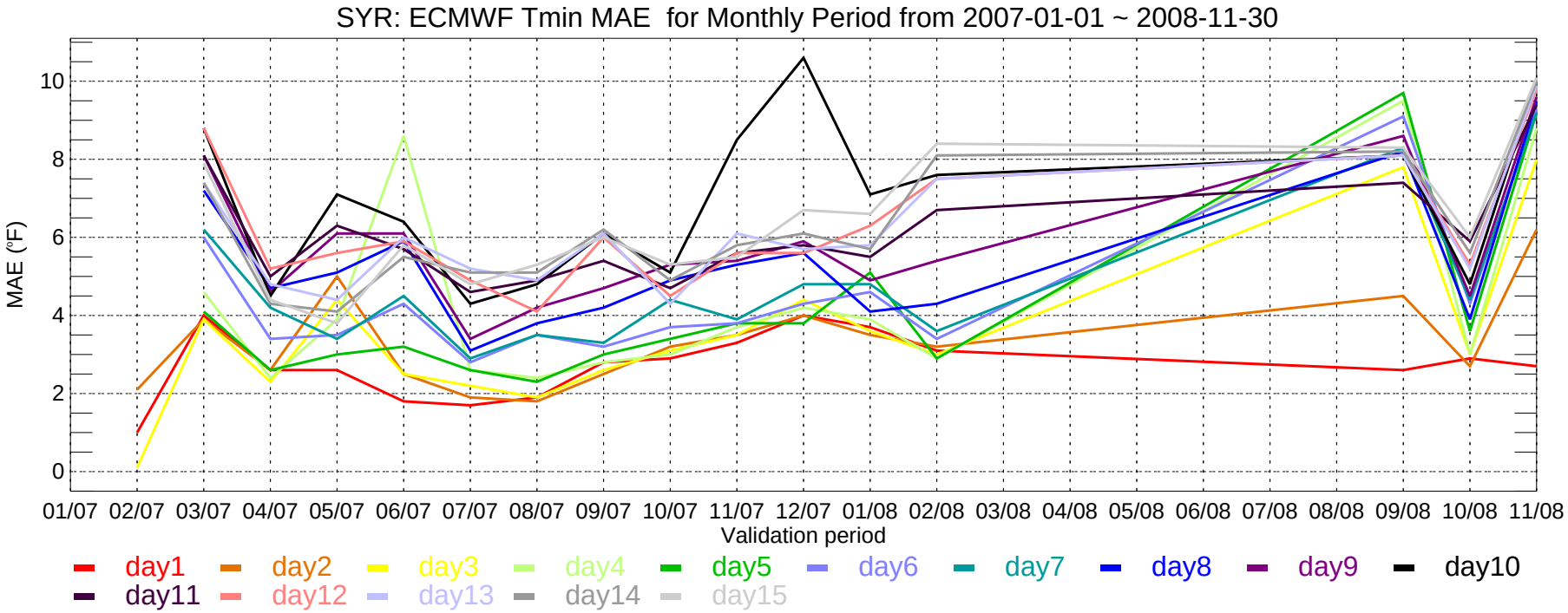

STL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

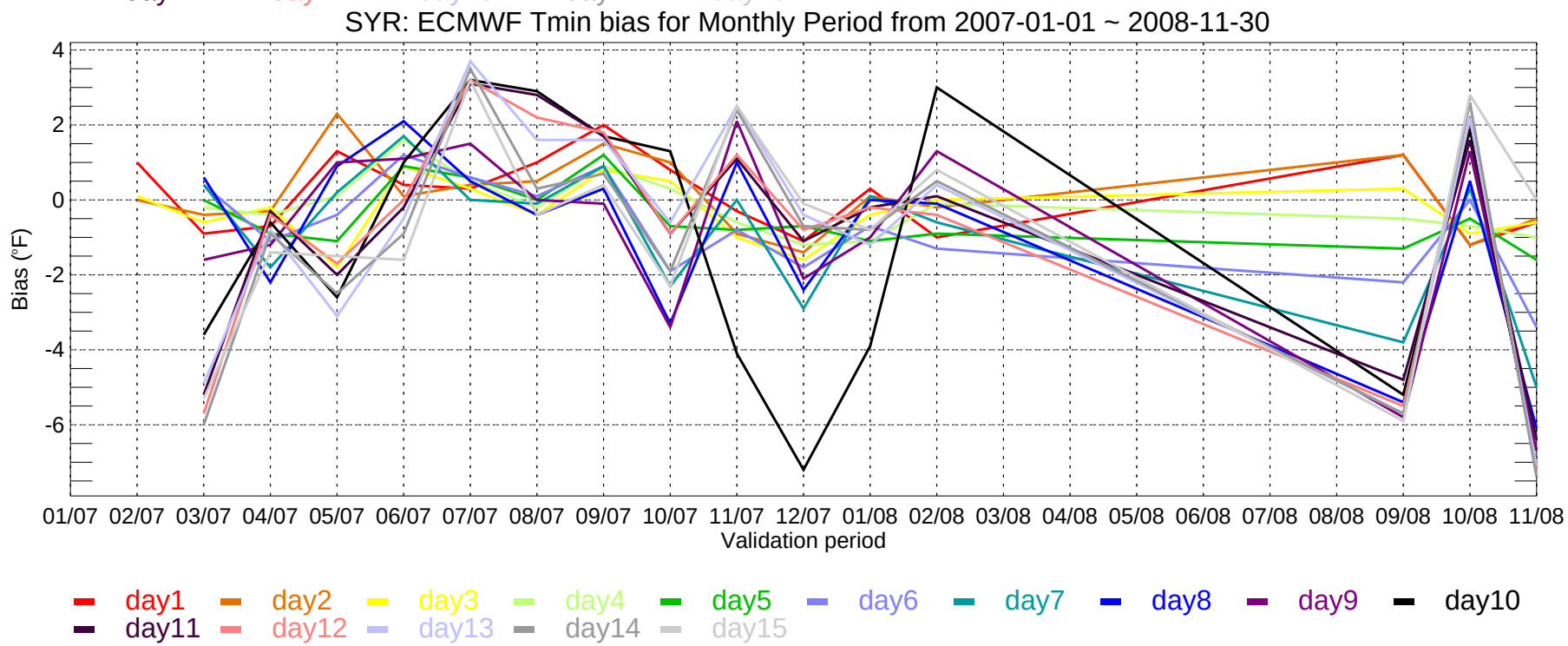

STL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

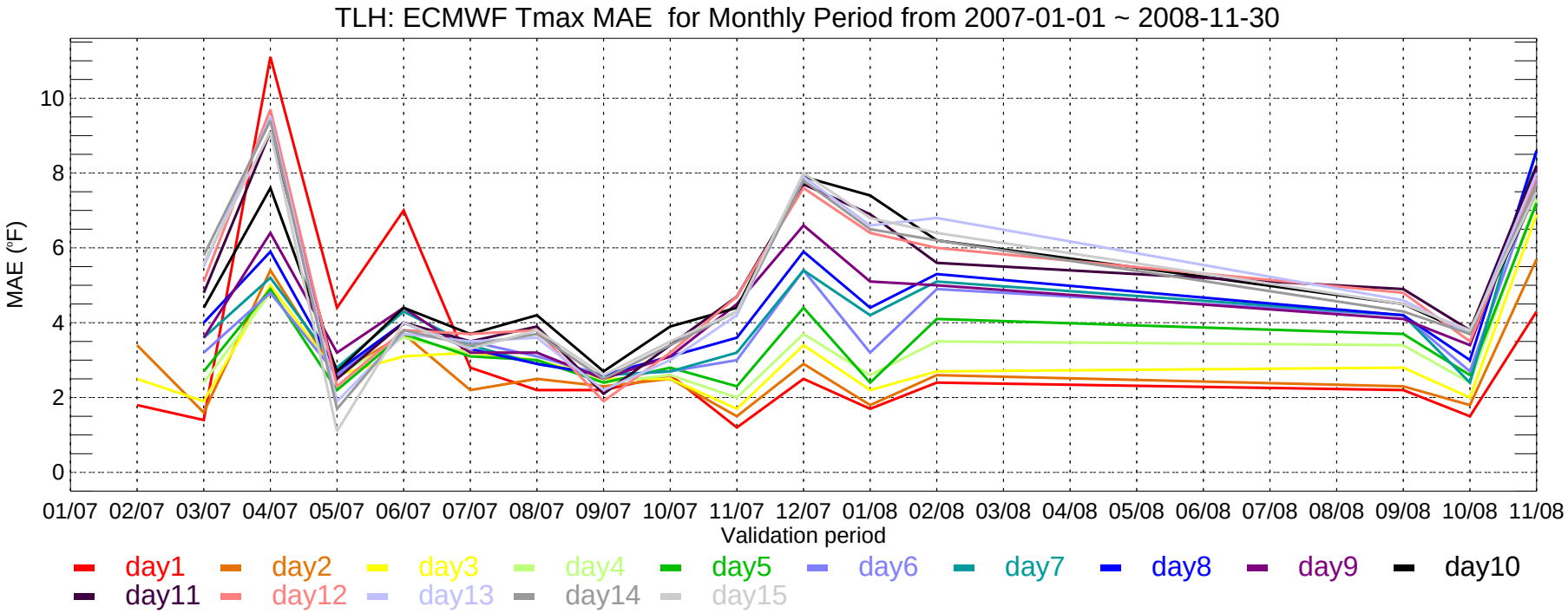

STL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

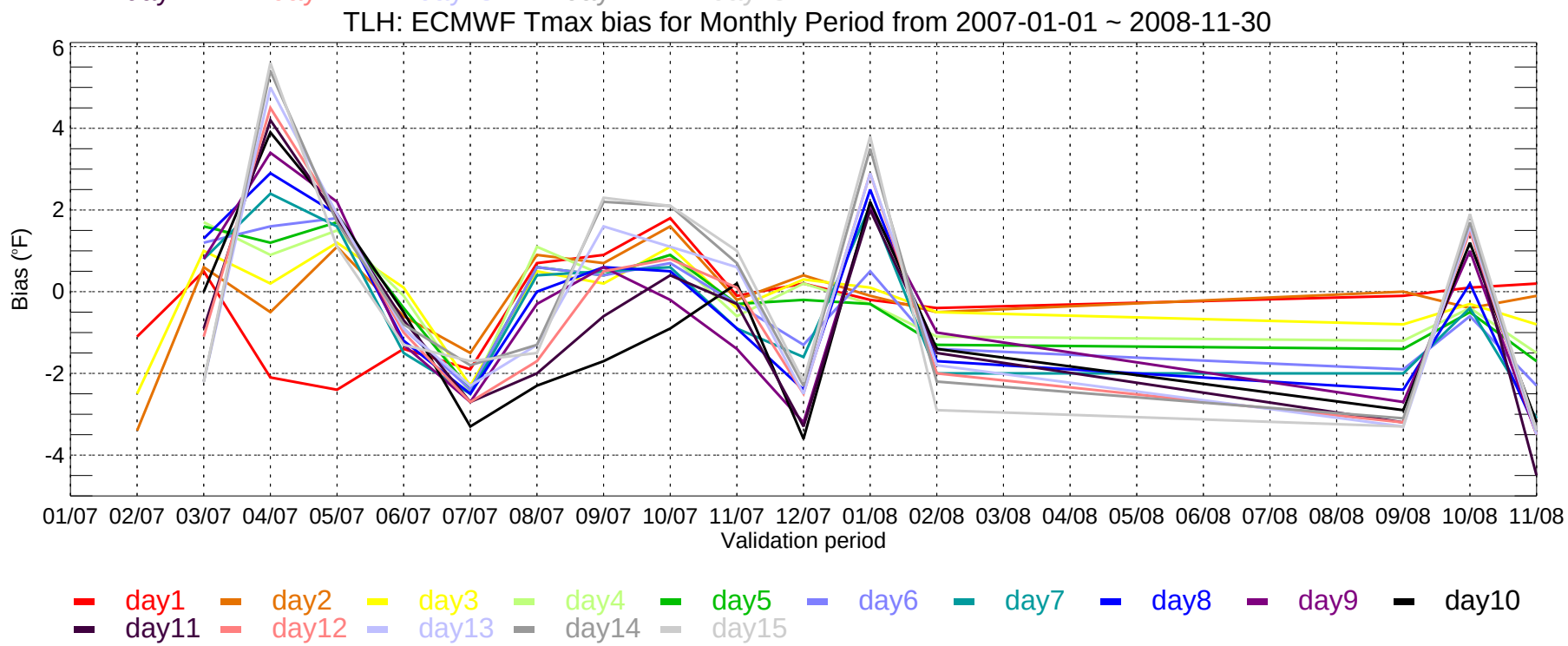

SYR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
10
20
30
40
50
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

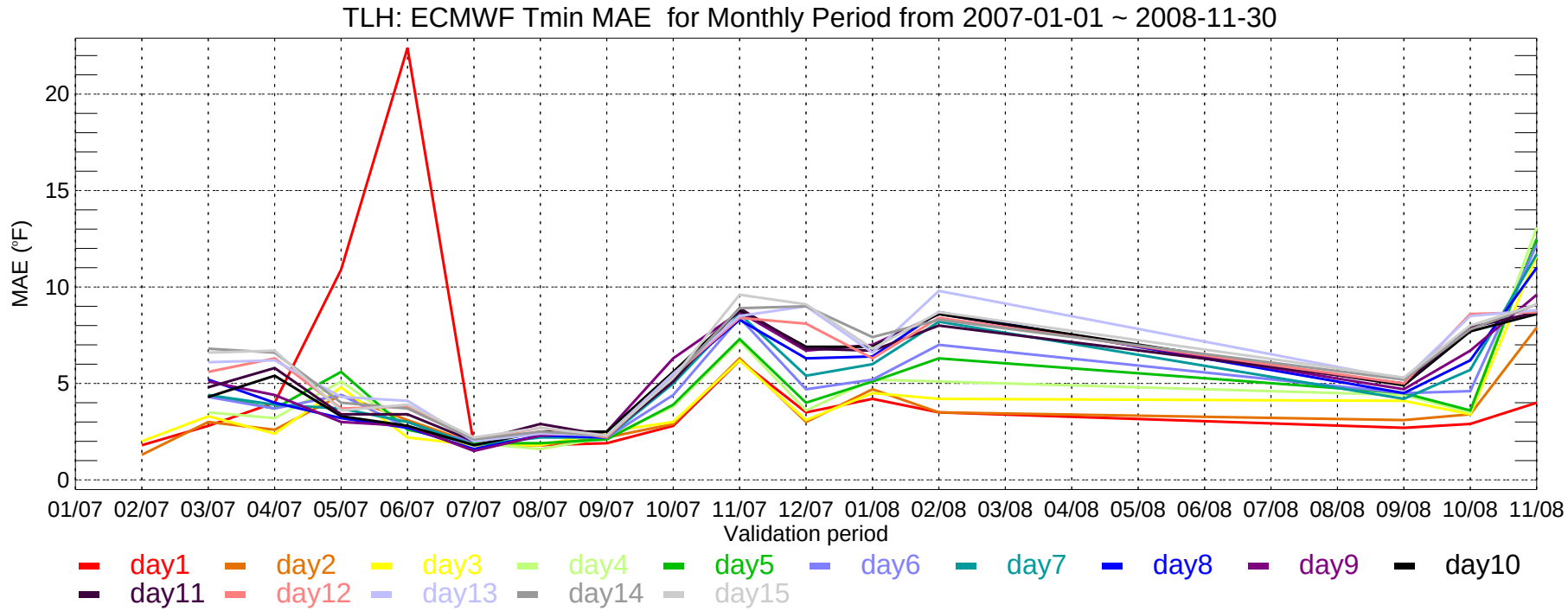

SYR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
0
10
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

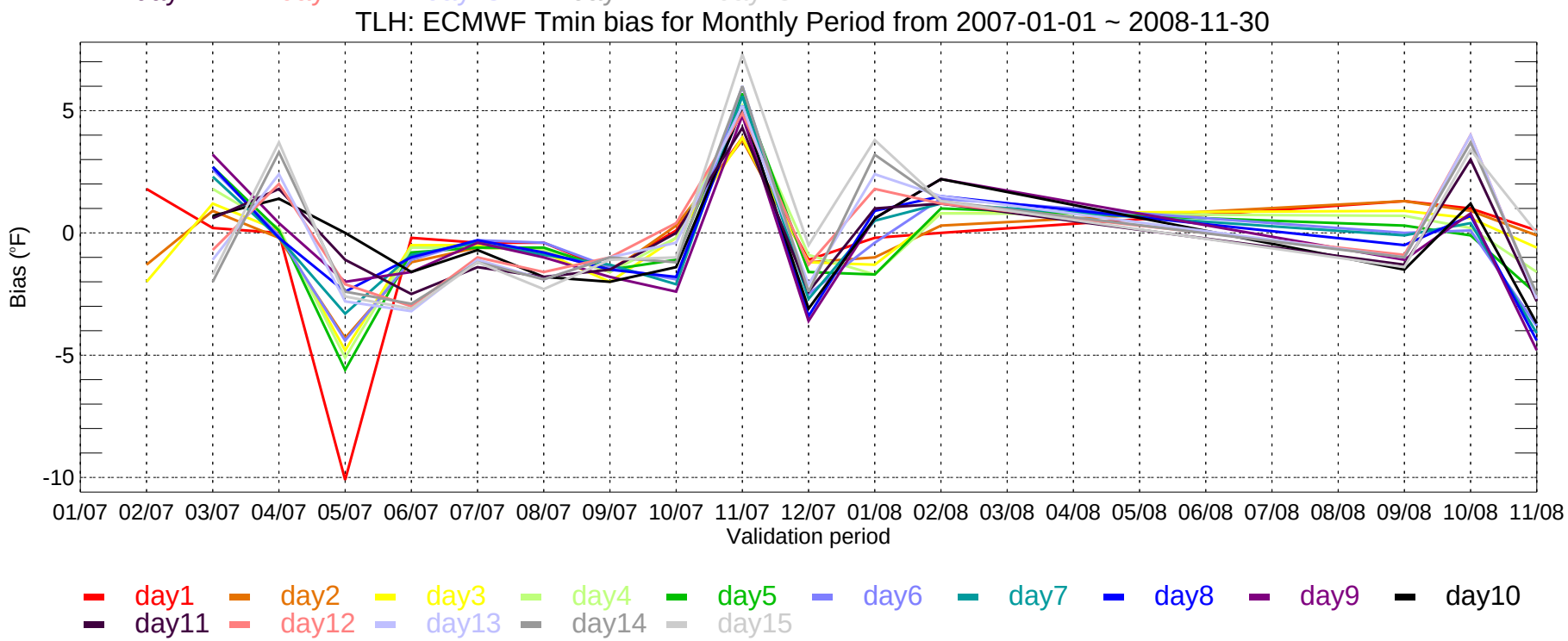

SYR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

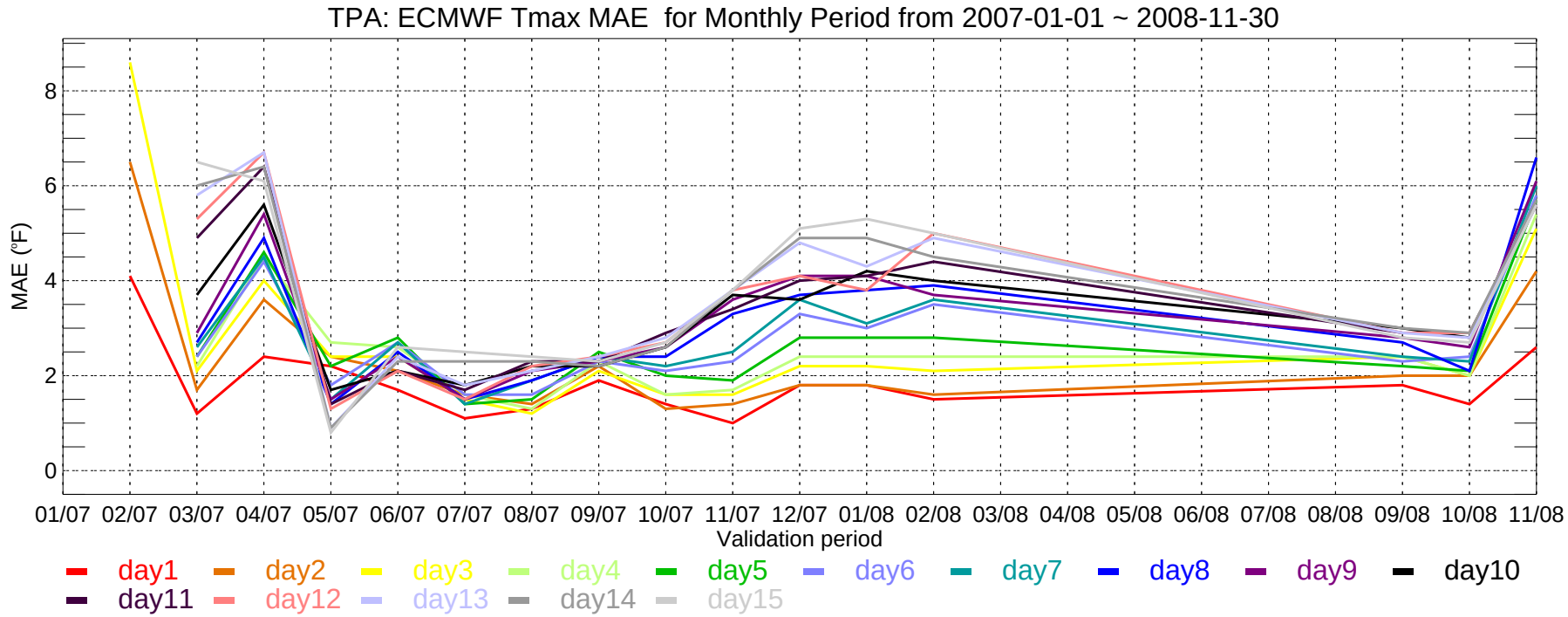

SYR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

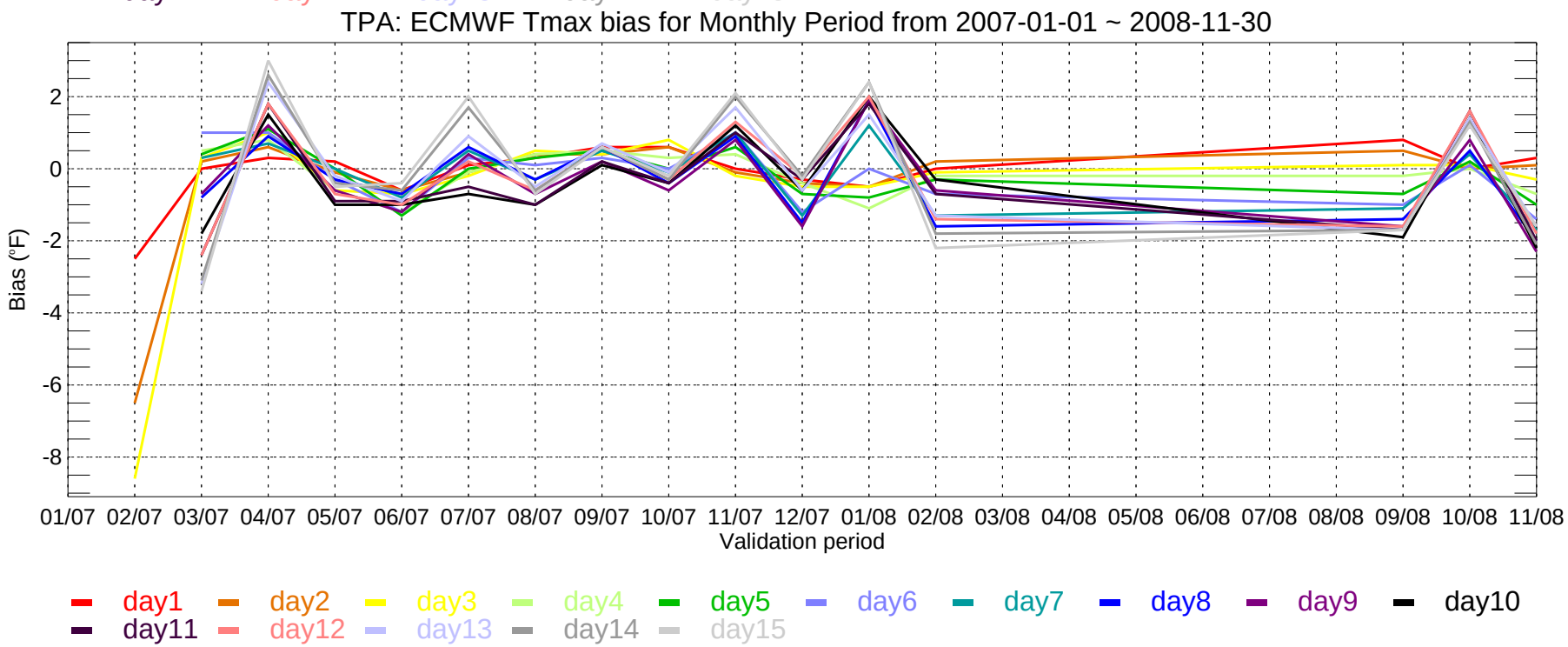

TLH: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

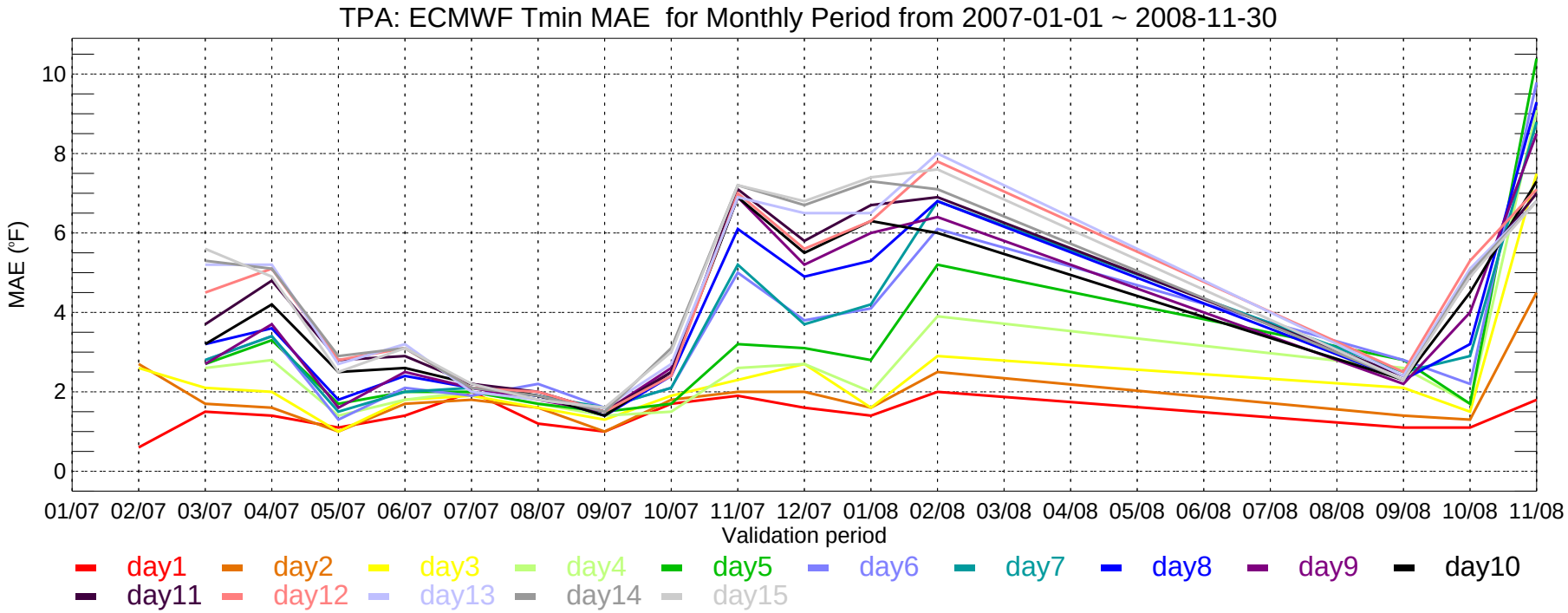

TLH: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

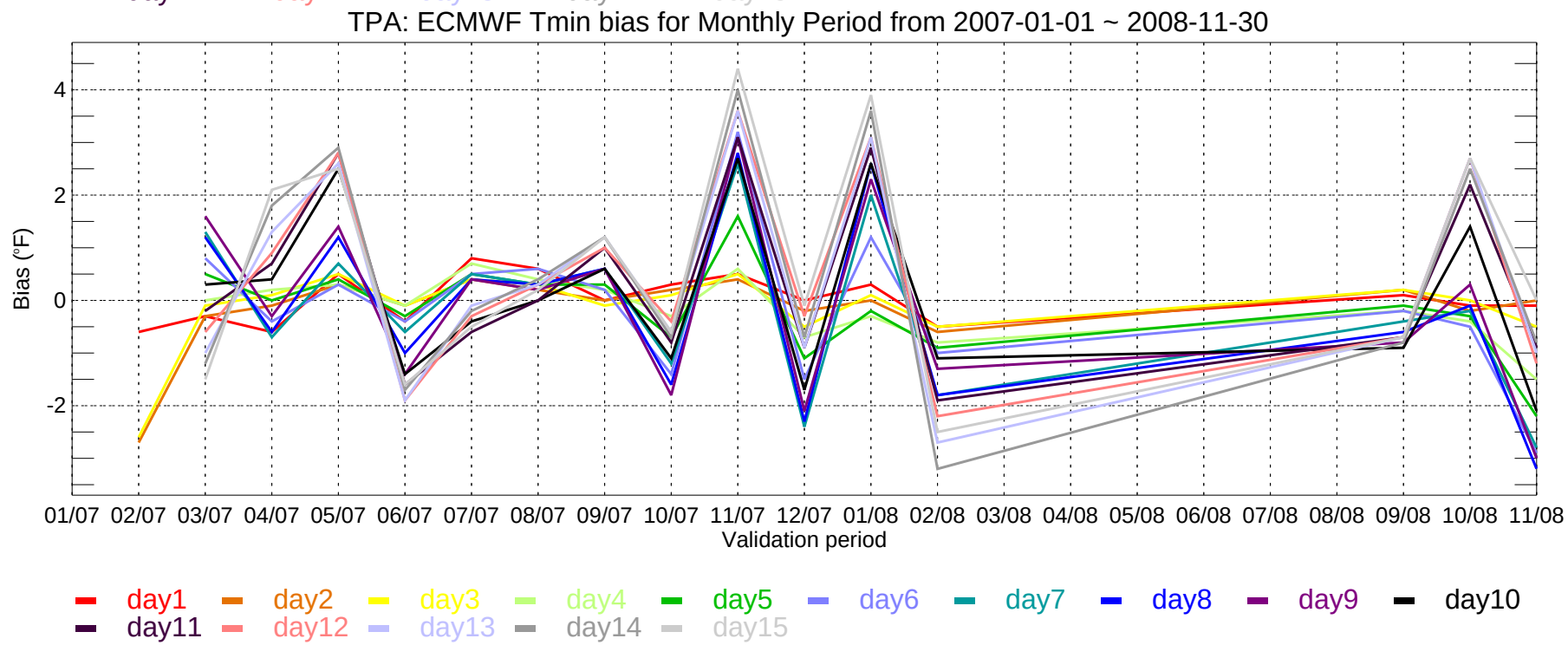

TLH: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
20
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

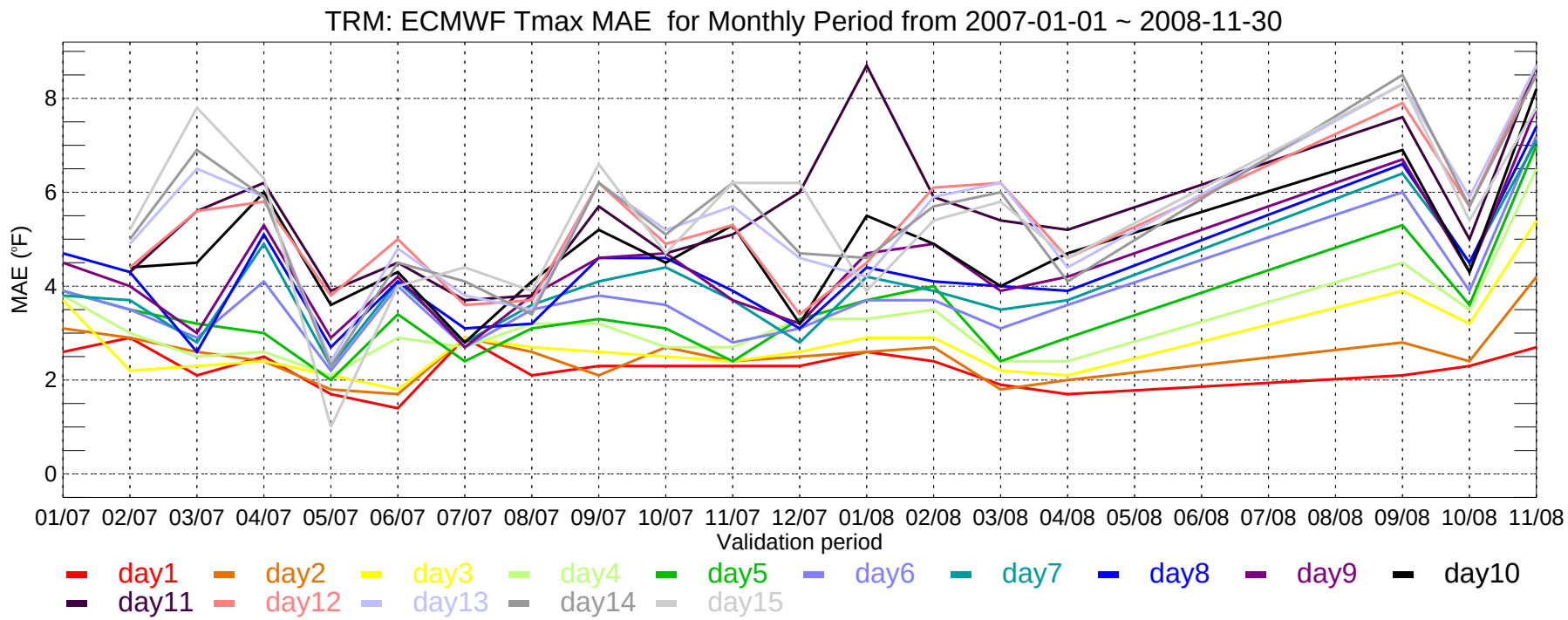

TLH: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

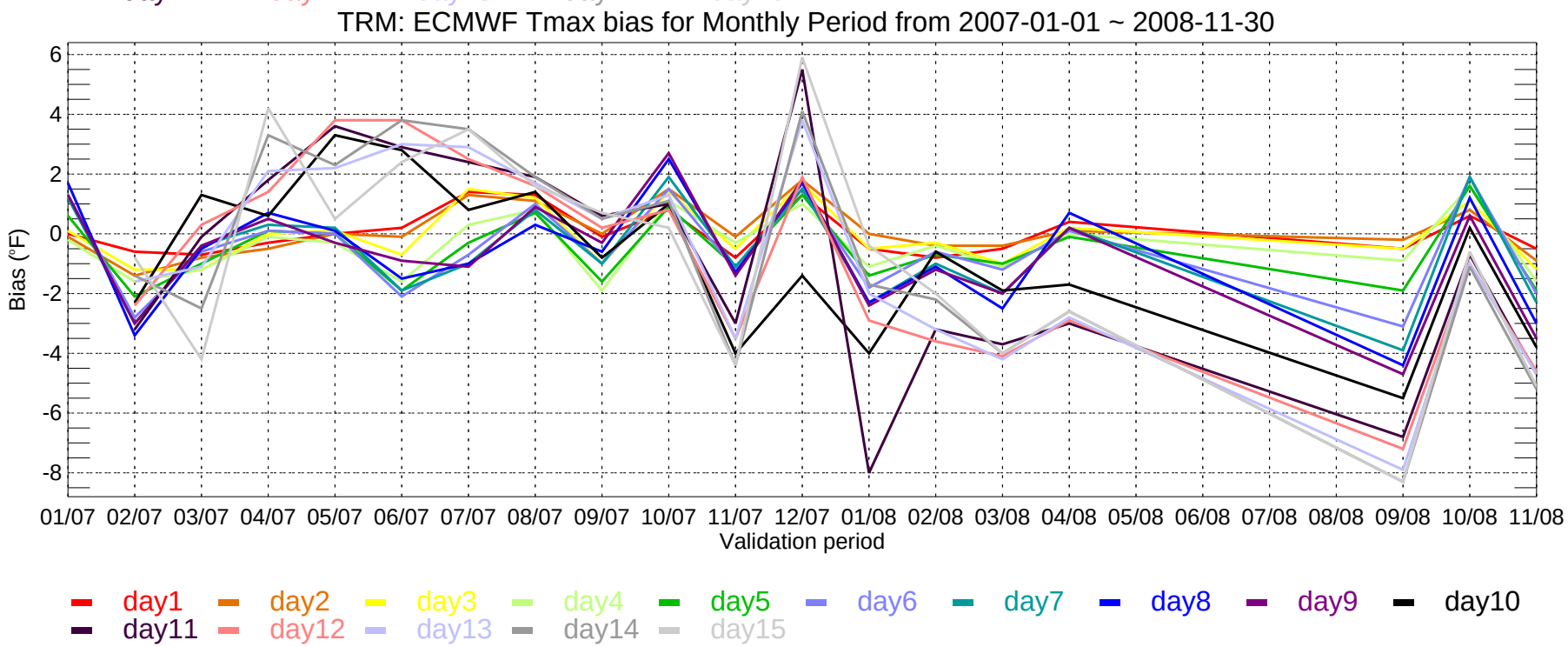

TPA: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

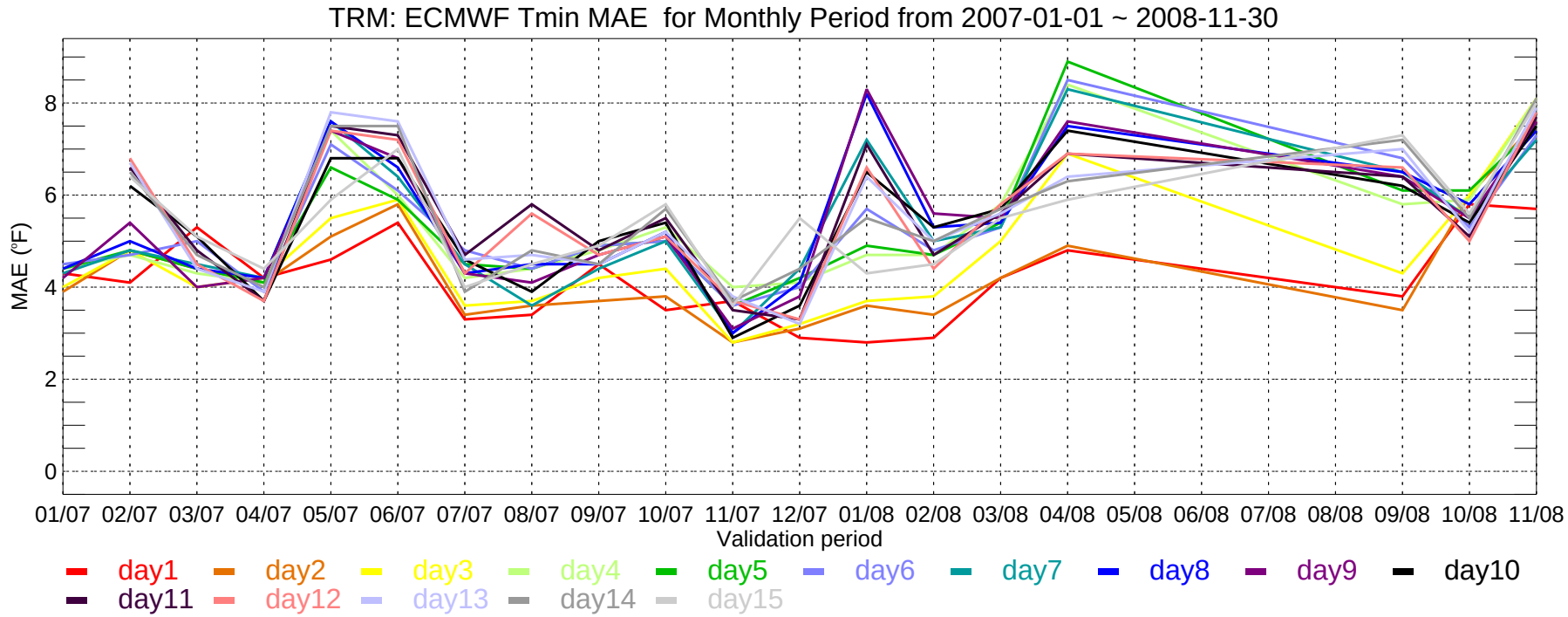

TPA: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

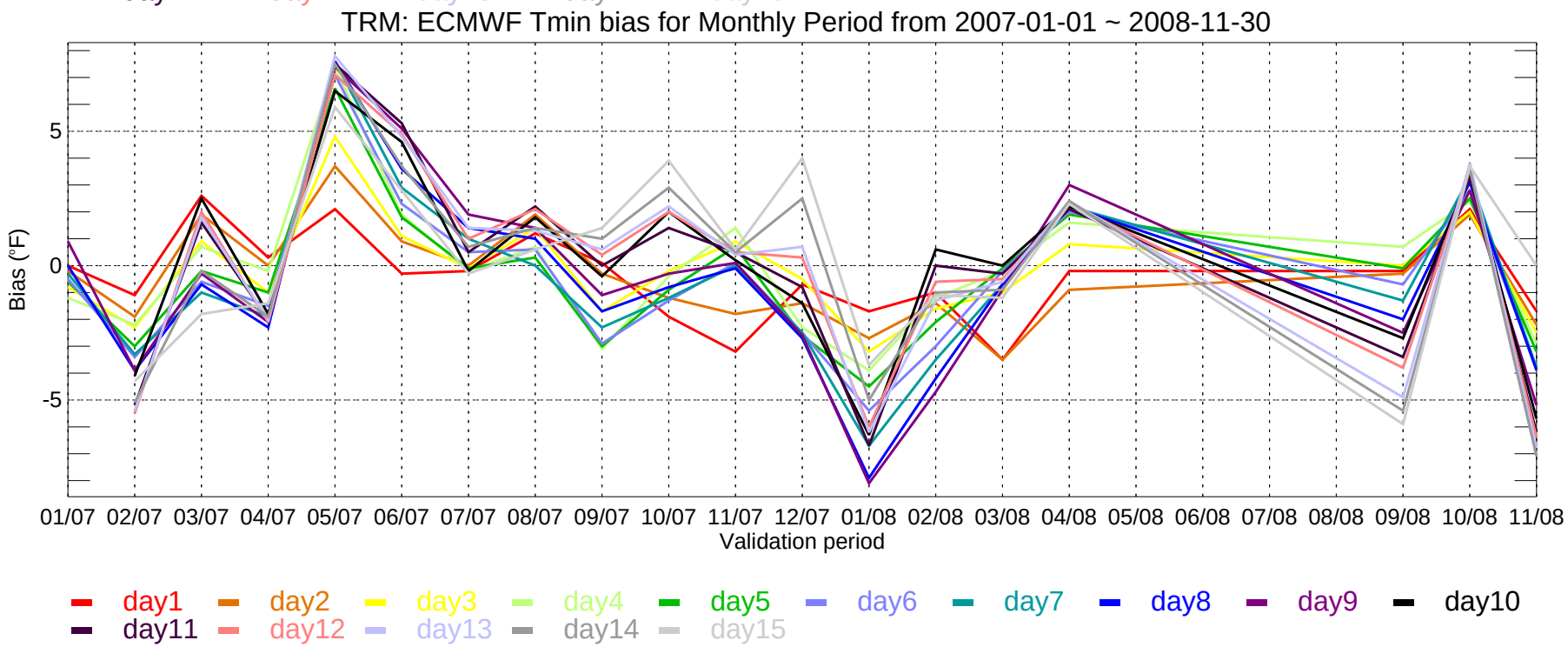

TPA: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

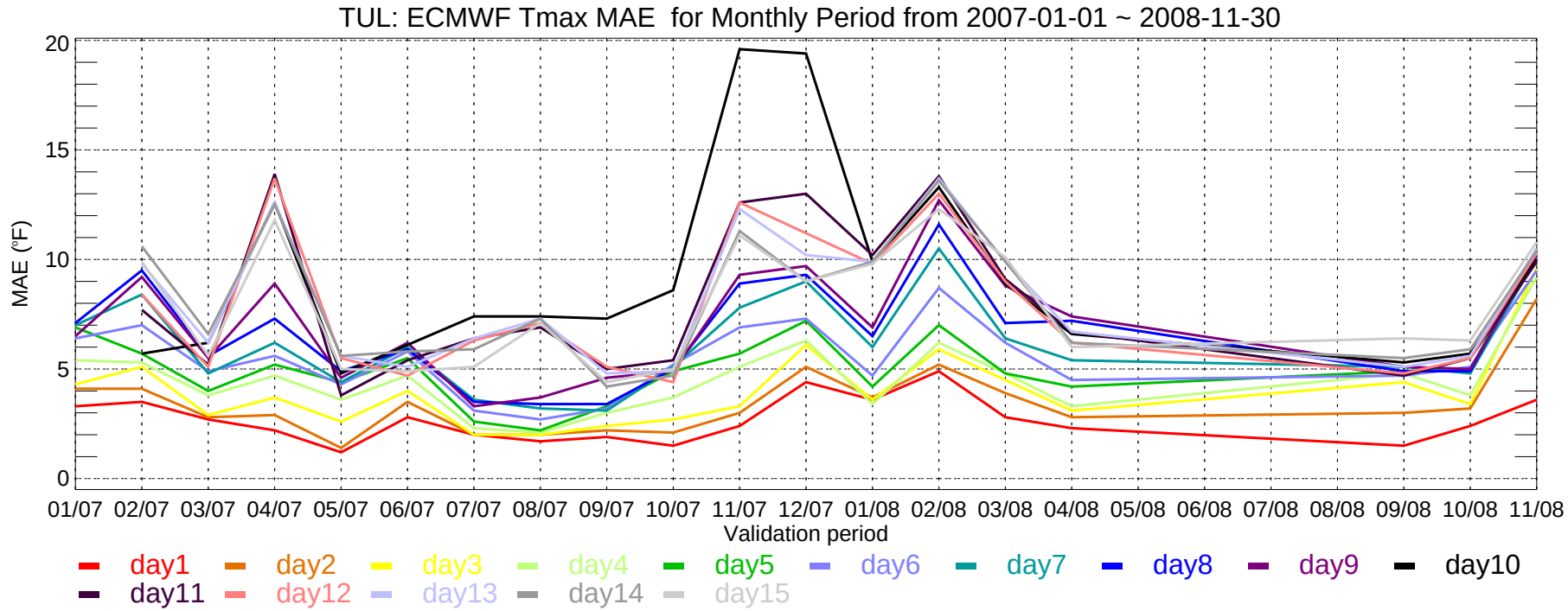

TPA: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

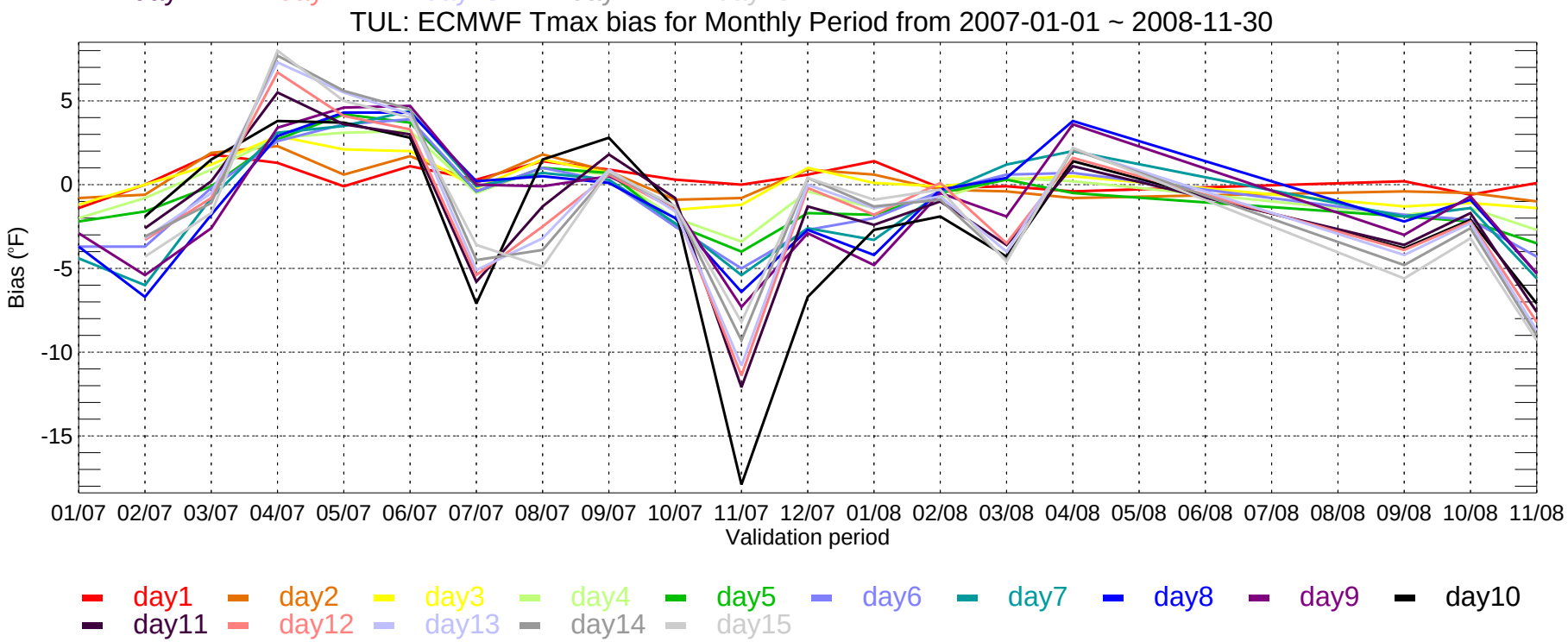

TRM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

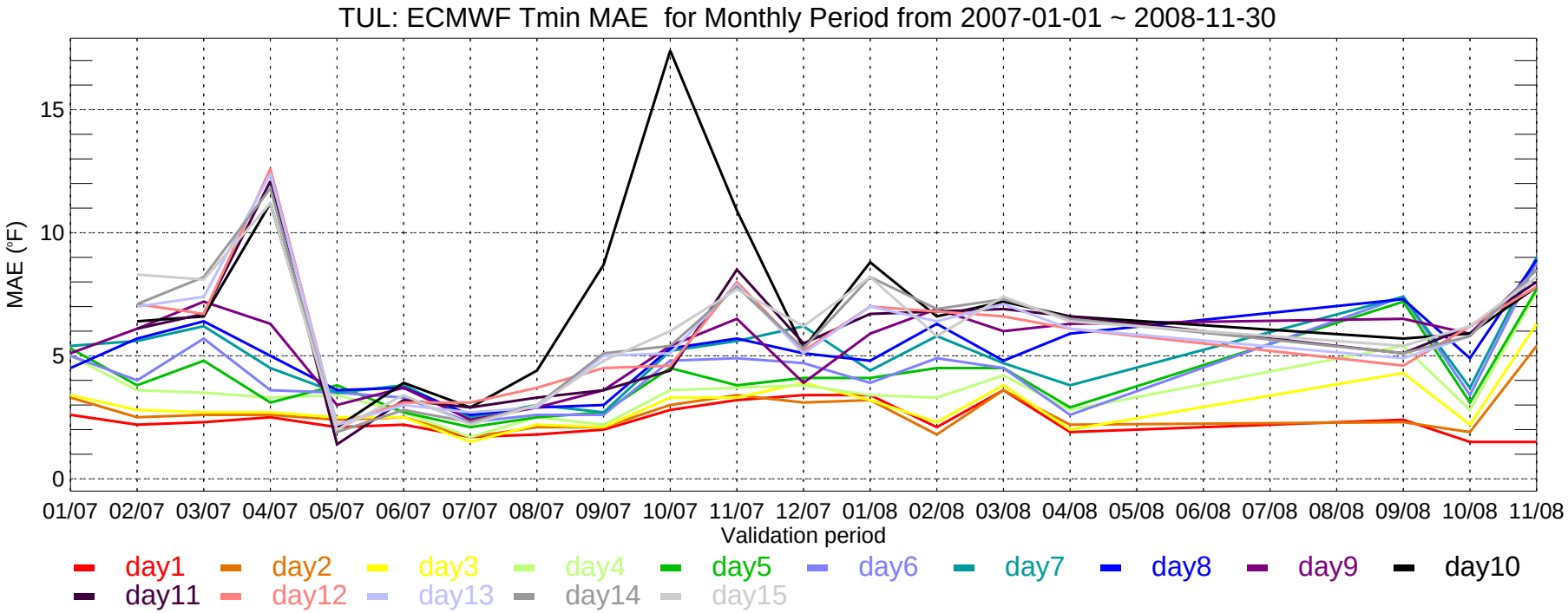

TRM: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

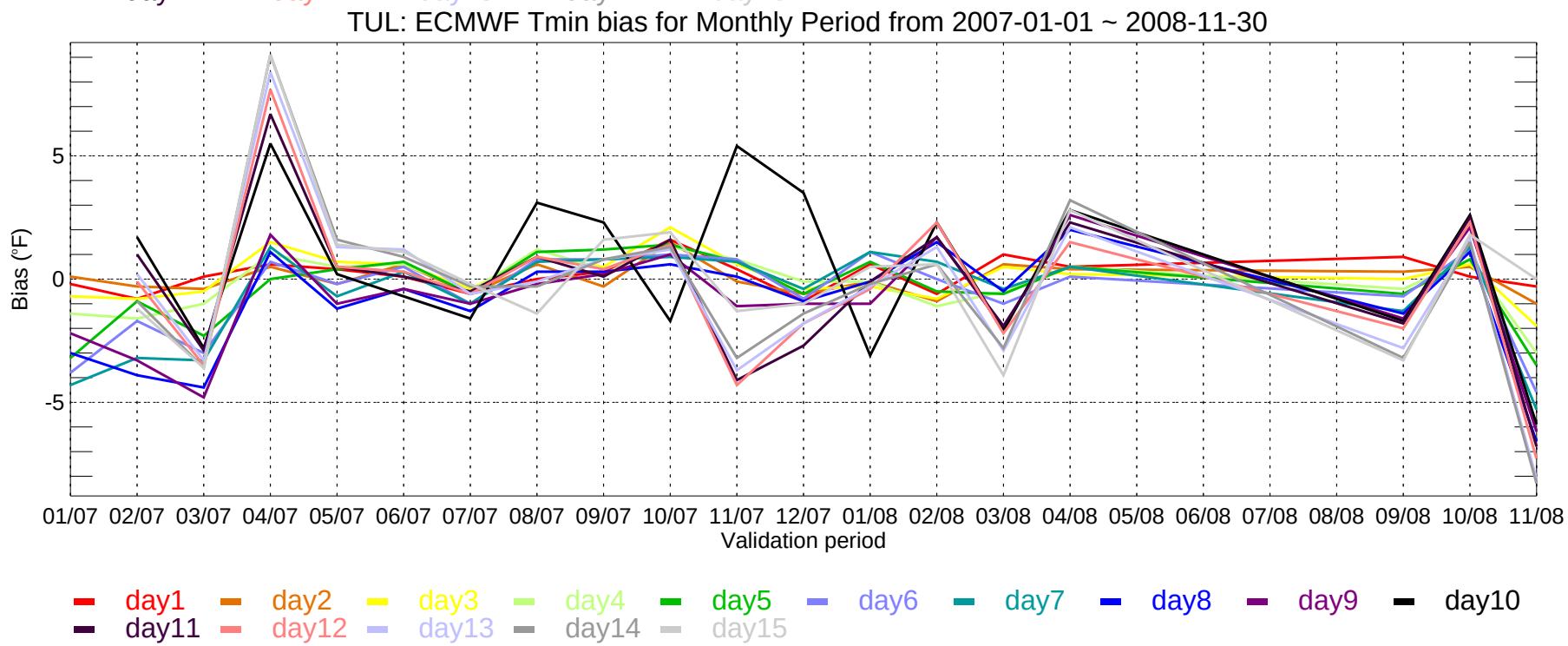

TRM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

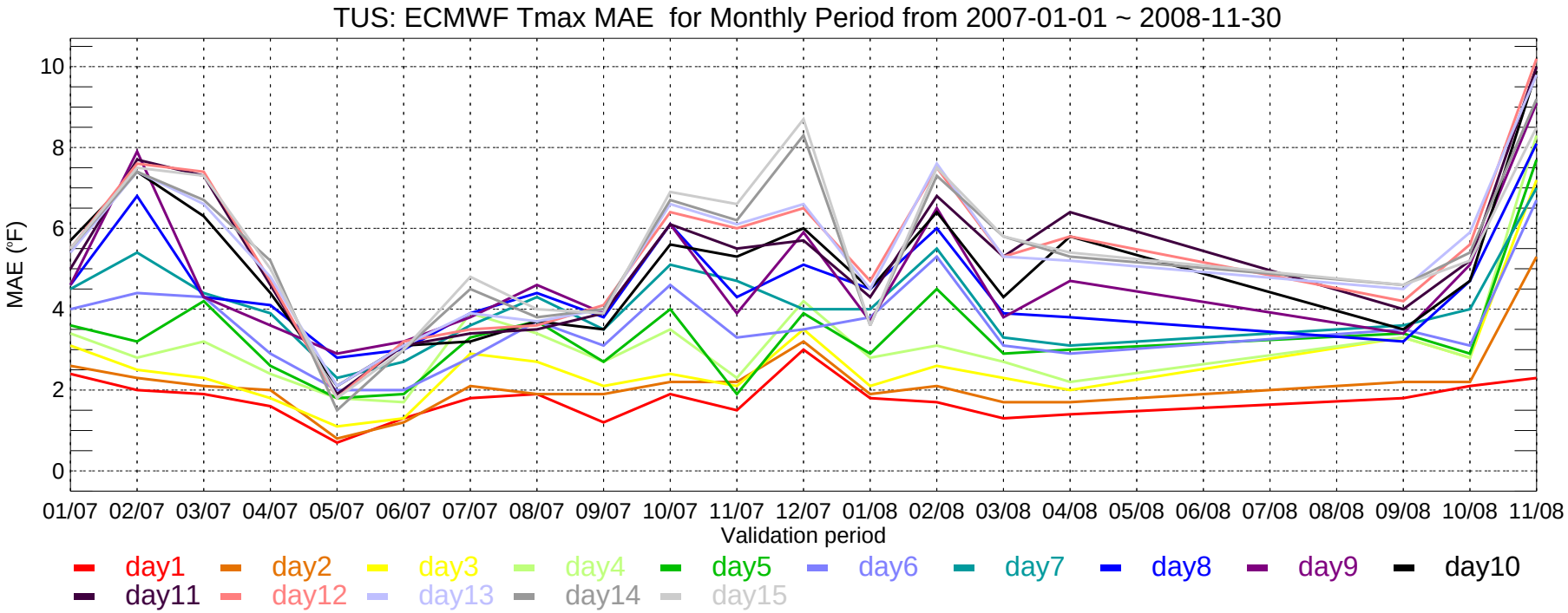

TRM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

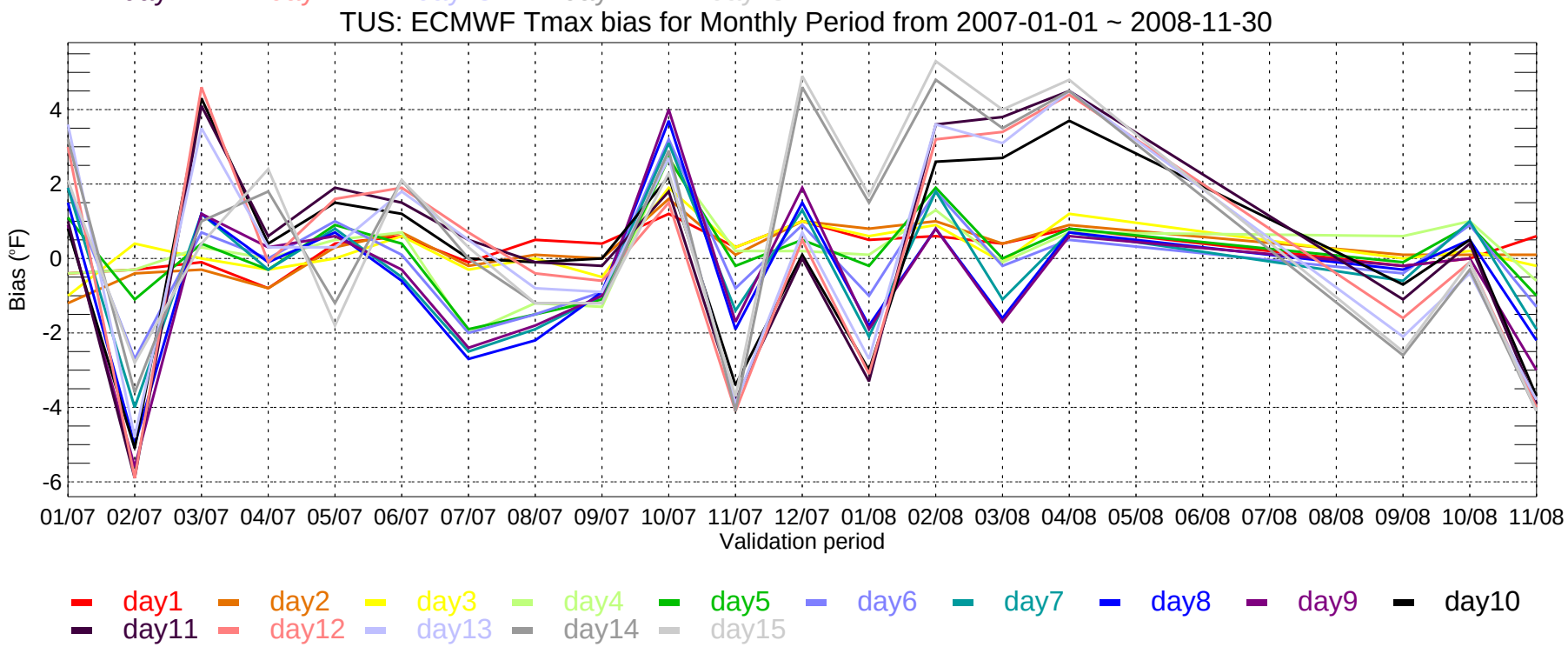

TUL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
20
15
10
5
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

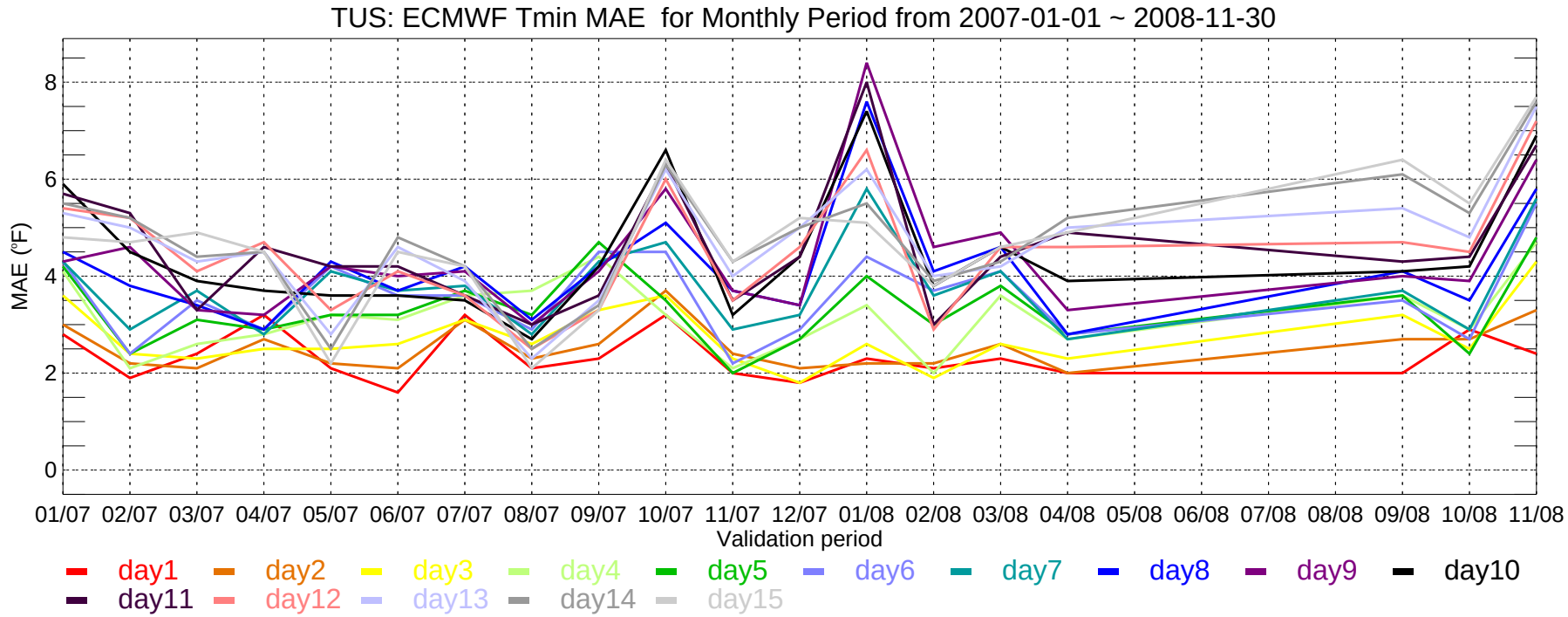

TUL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

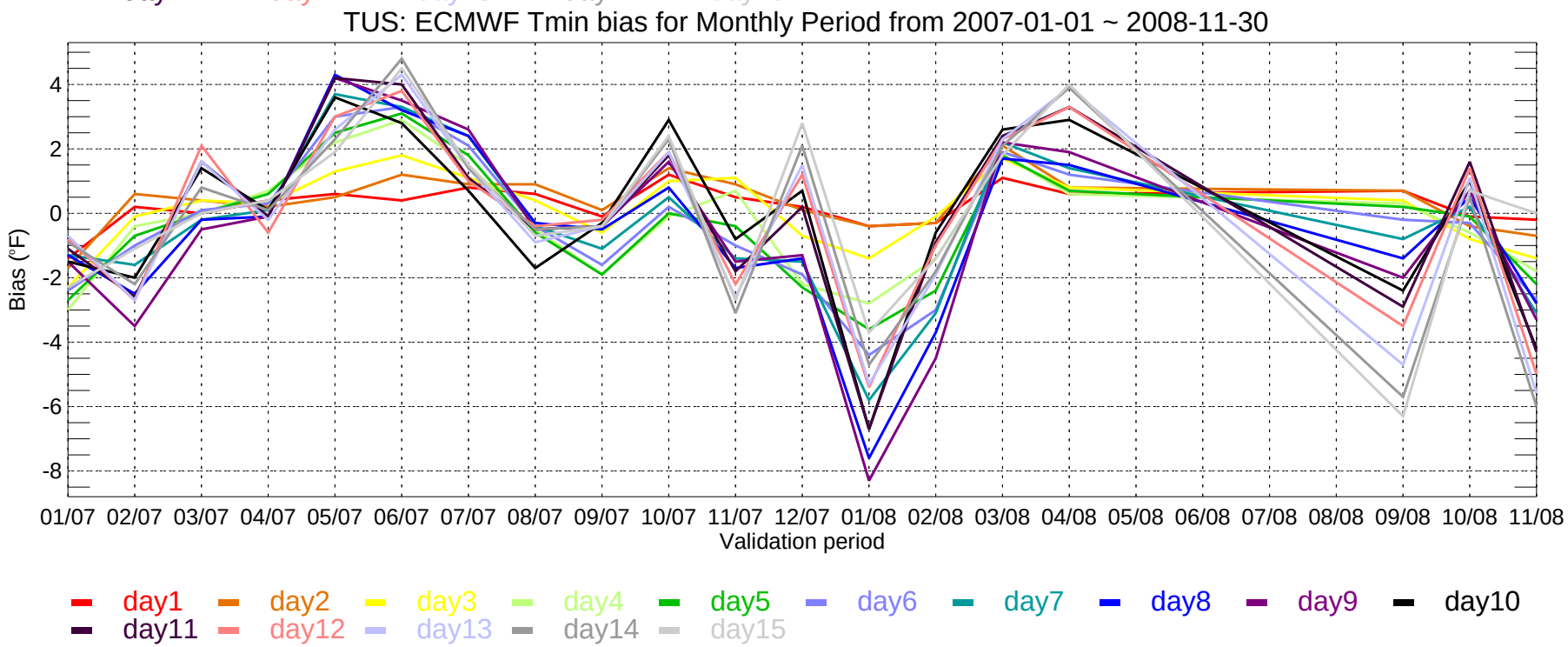

TUL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
5
10
15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

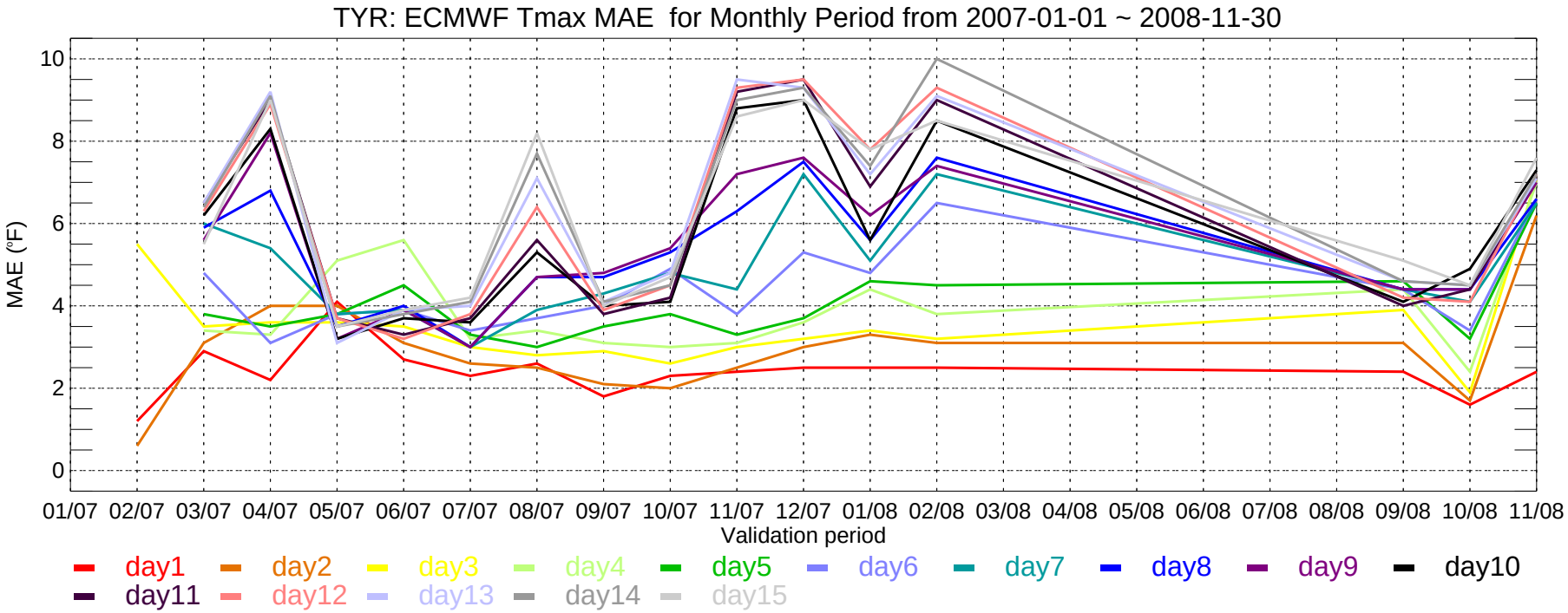

TUL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

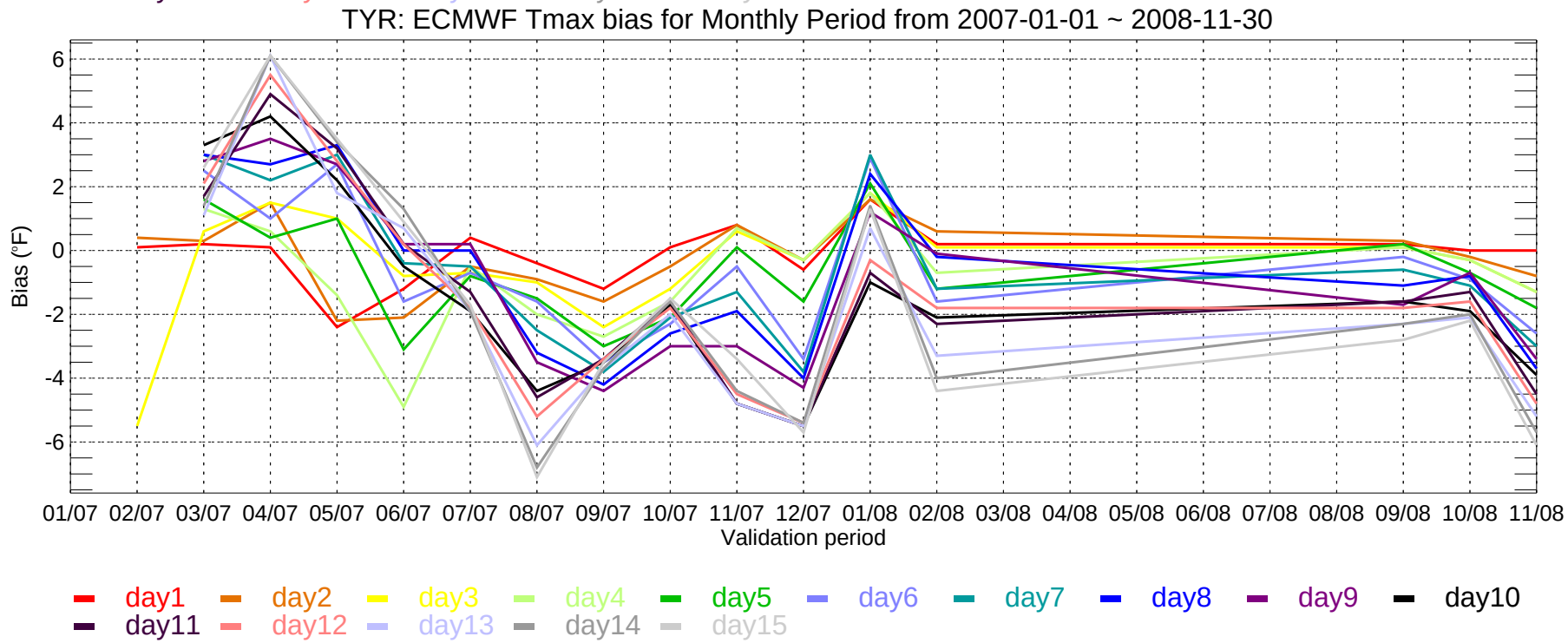

TUS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

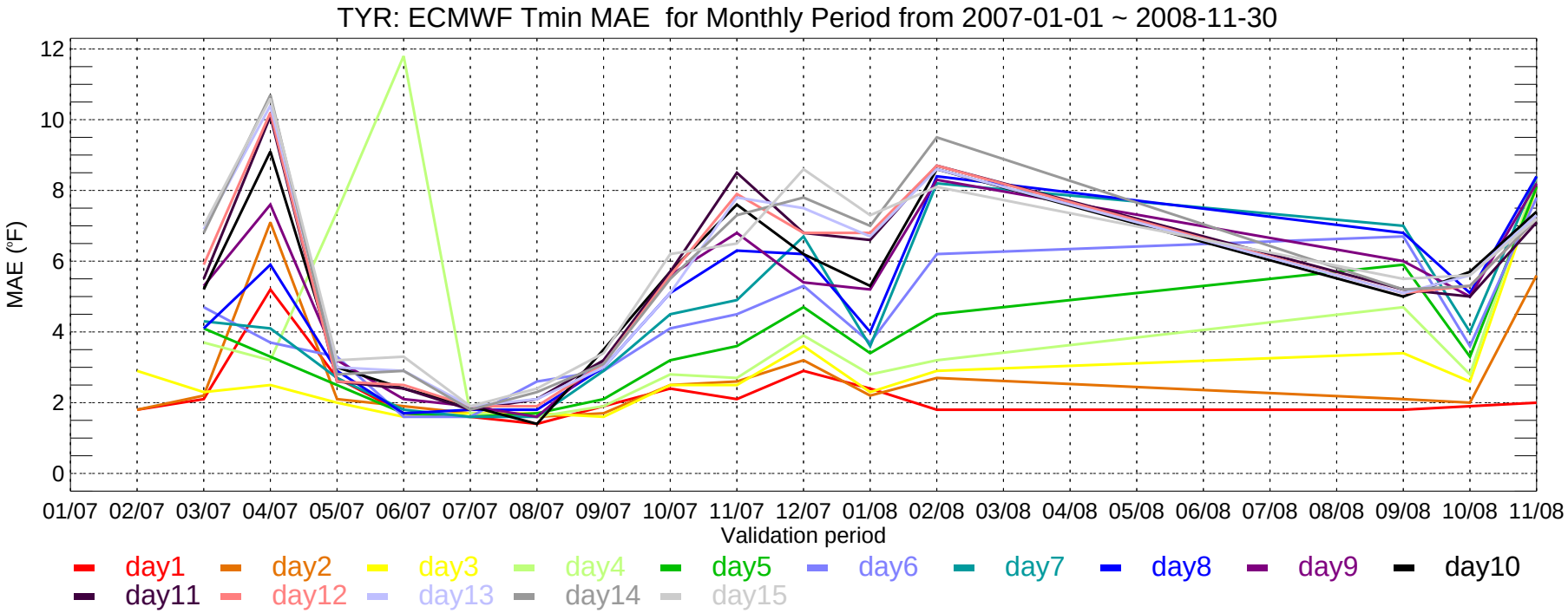

TUS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

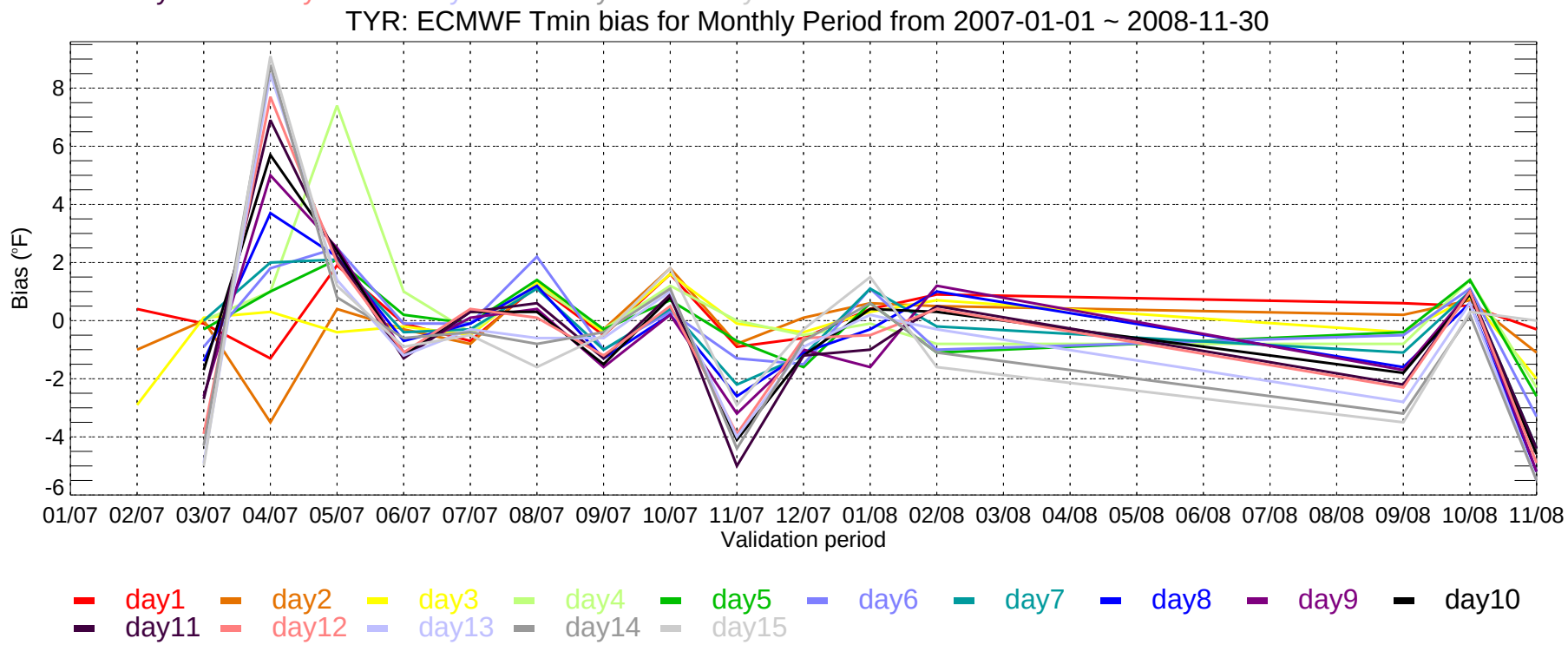

TUS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

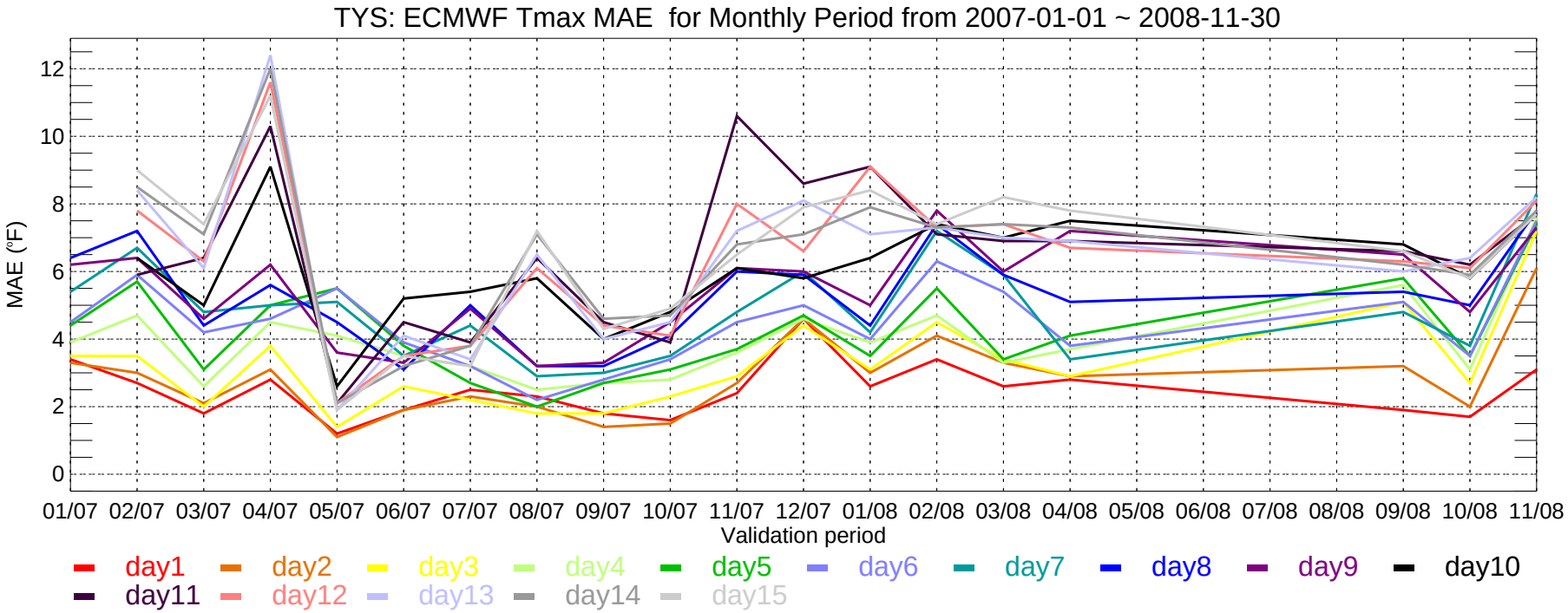

TUS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

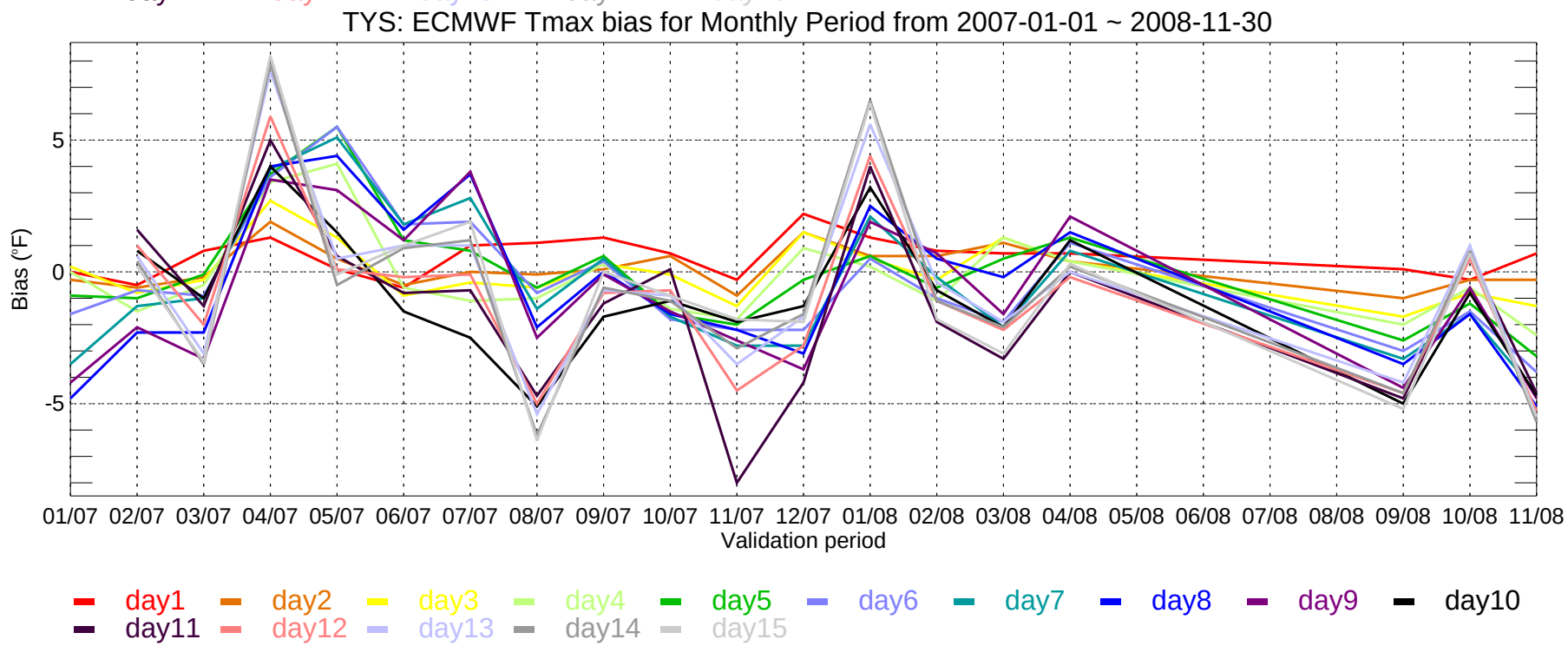

TYR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

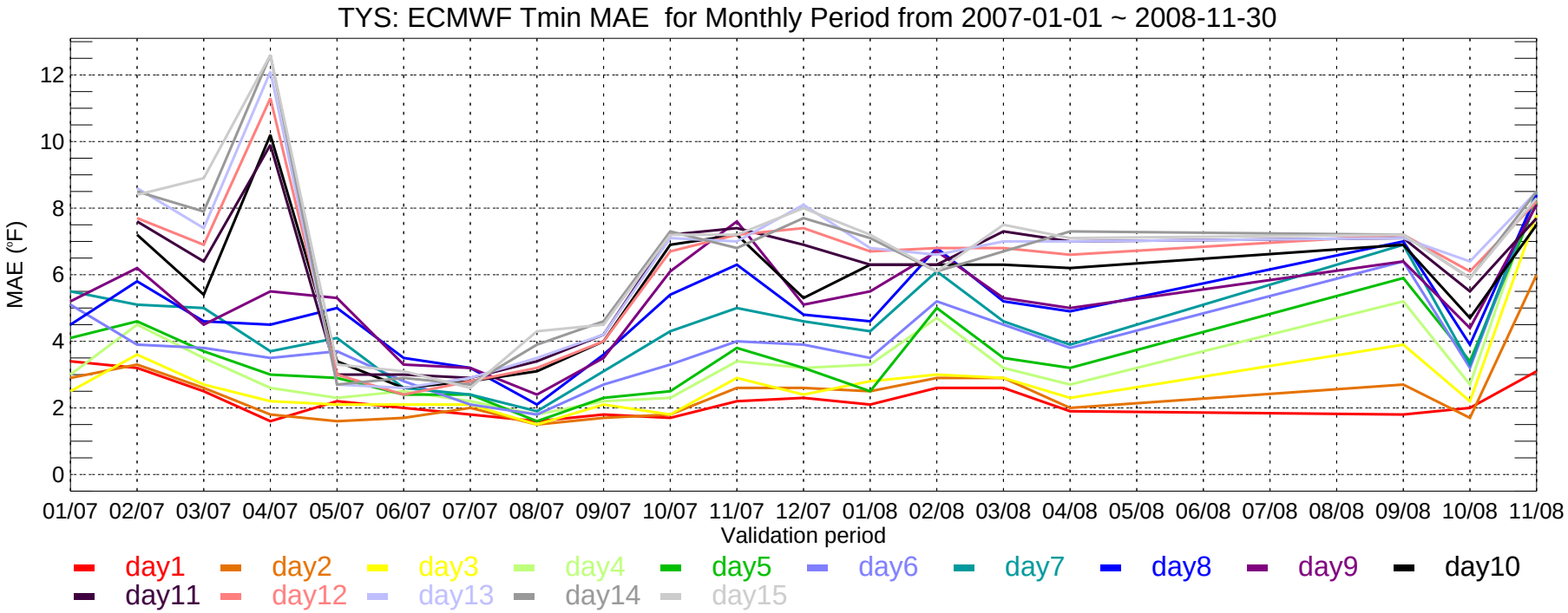

TYR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

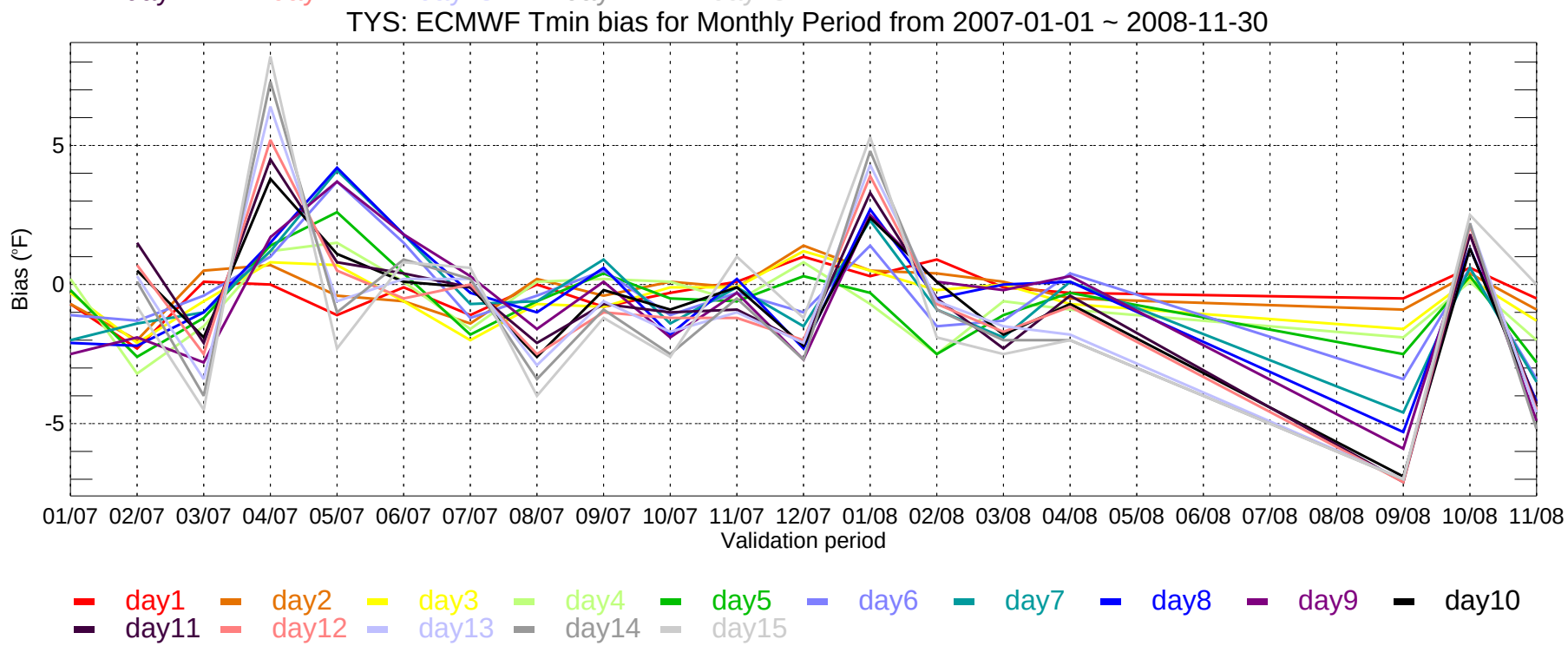

TYR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

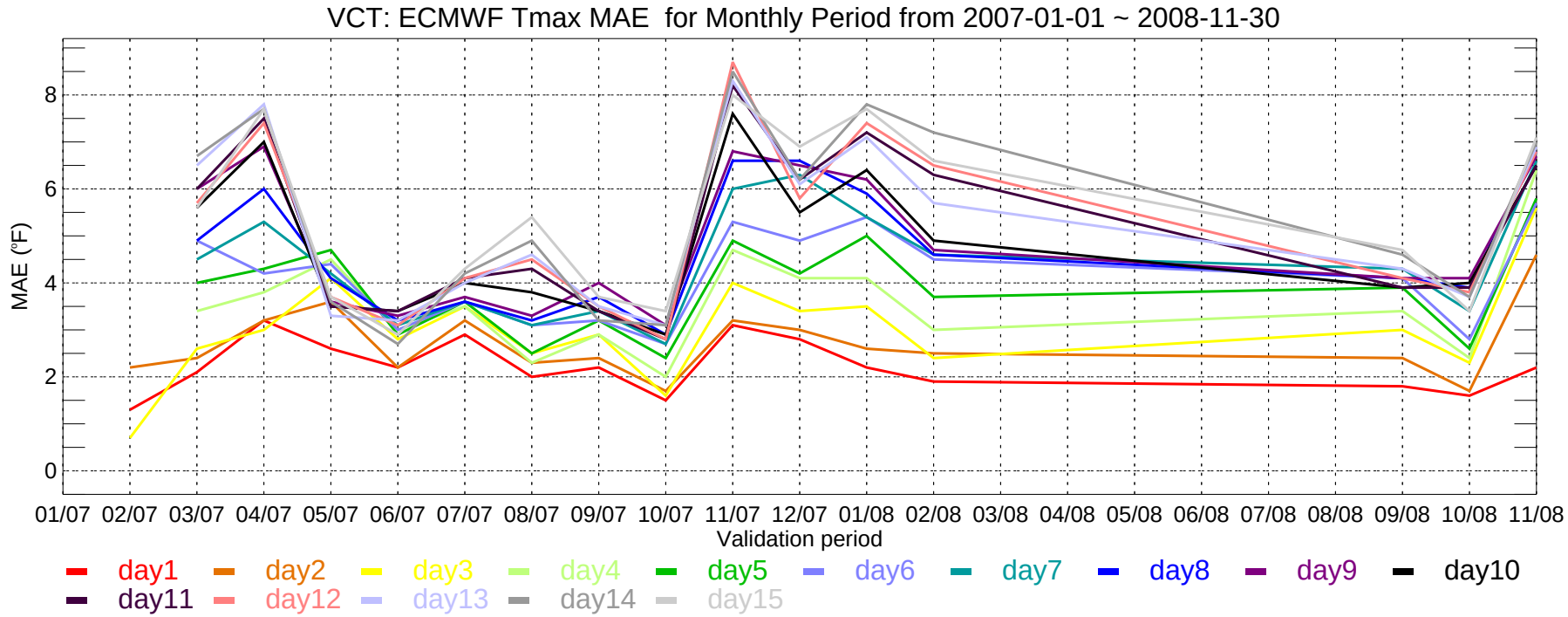

TYR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
8
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

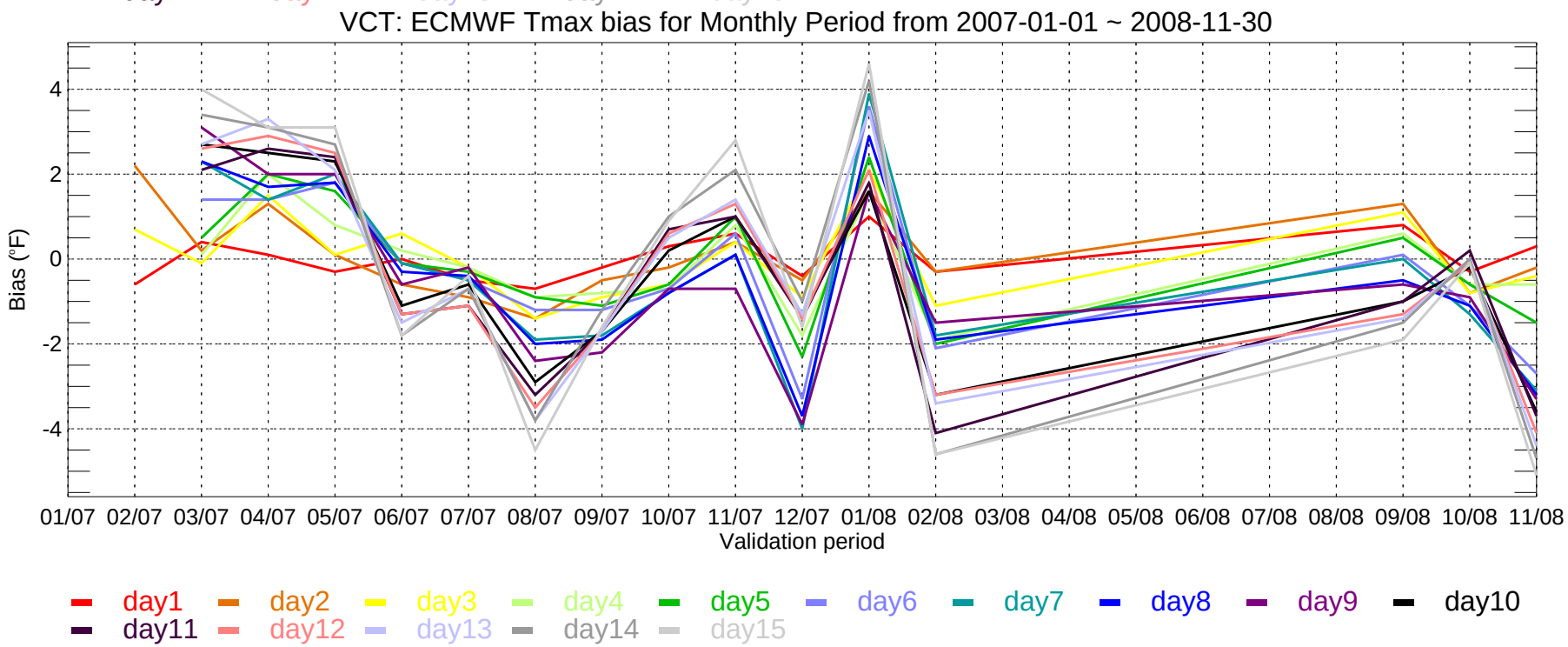

TYS: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

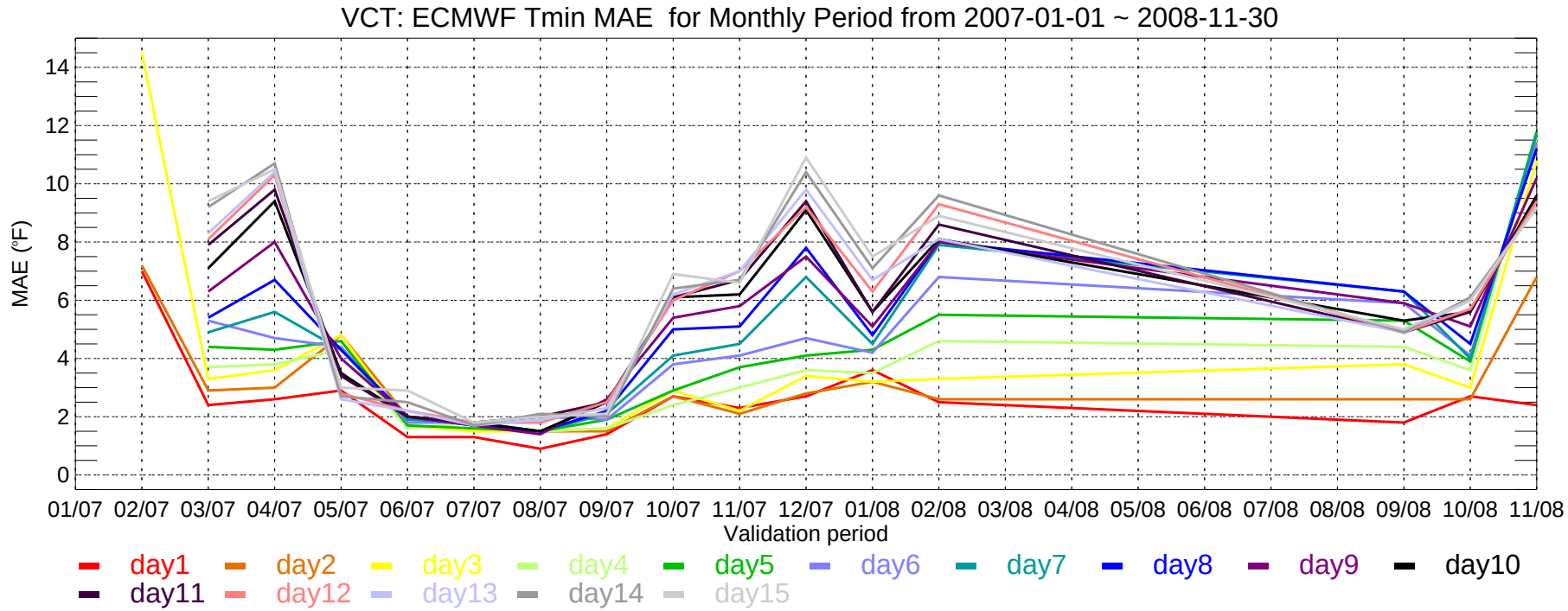

TYS: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

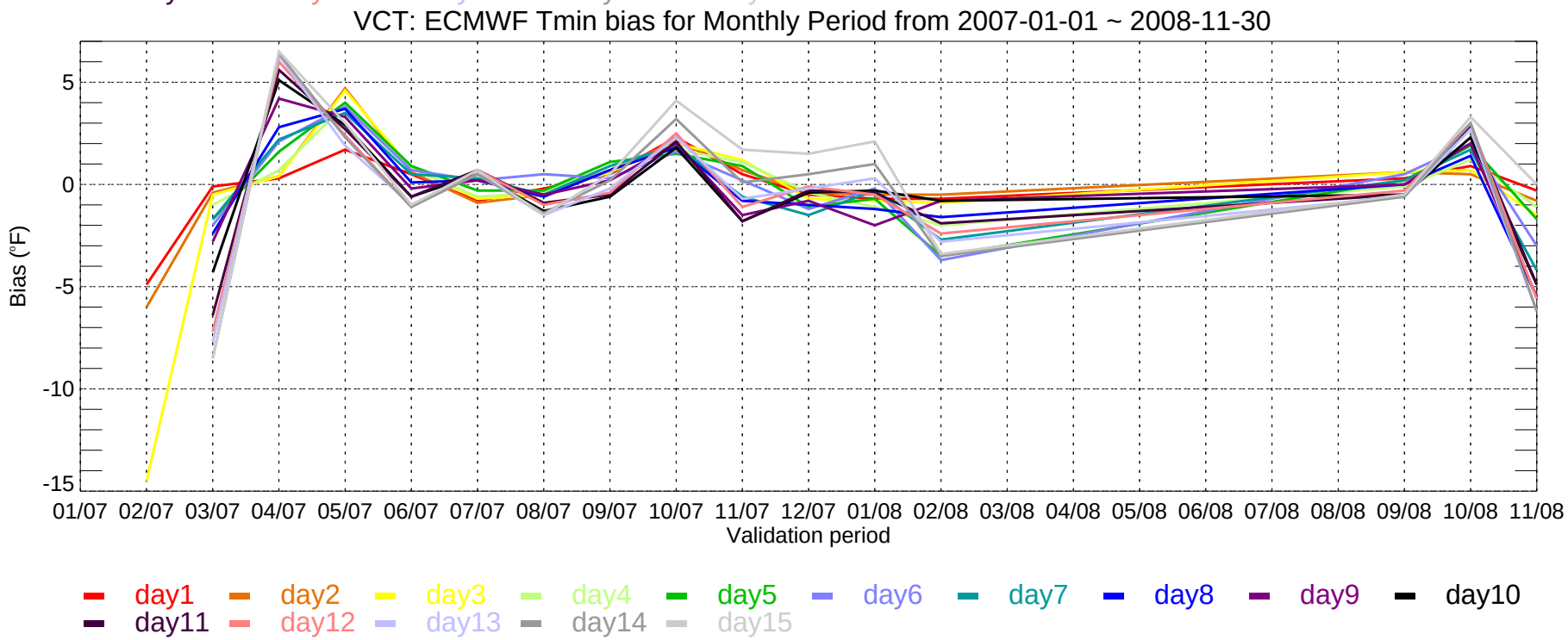

TYS: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

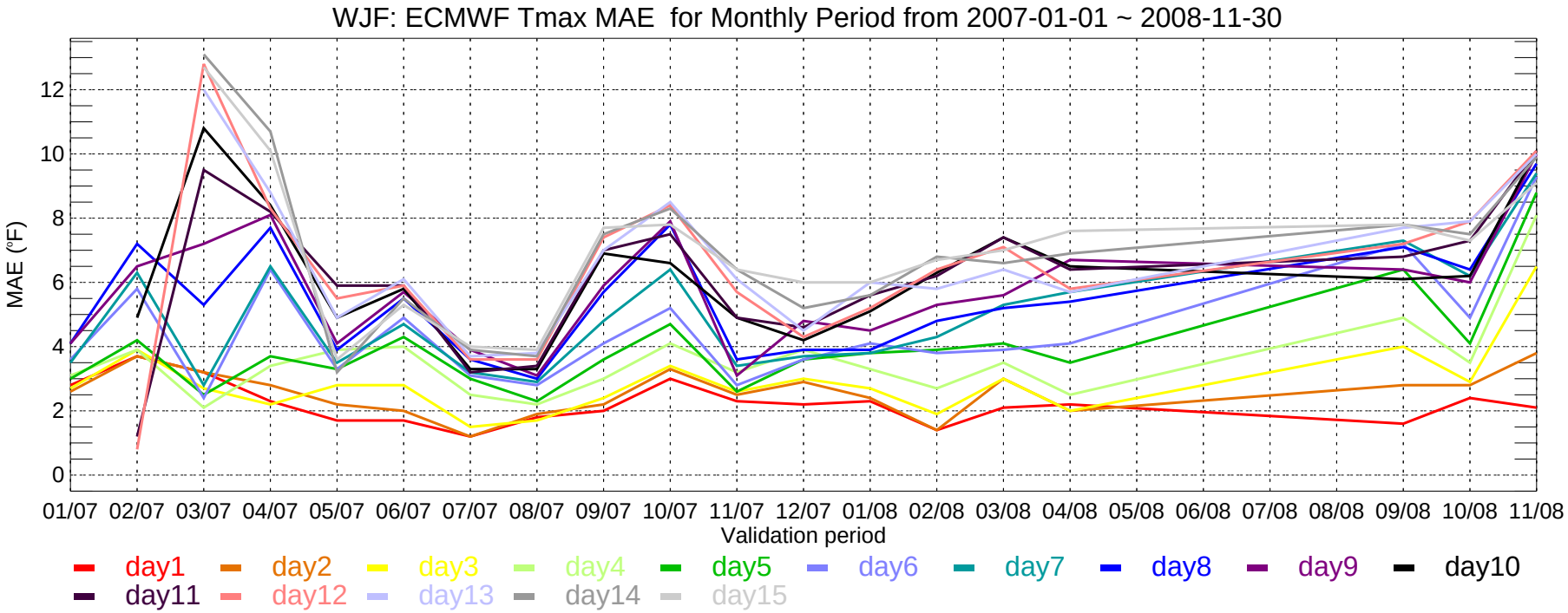

TYS: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

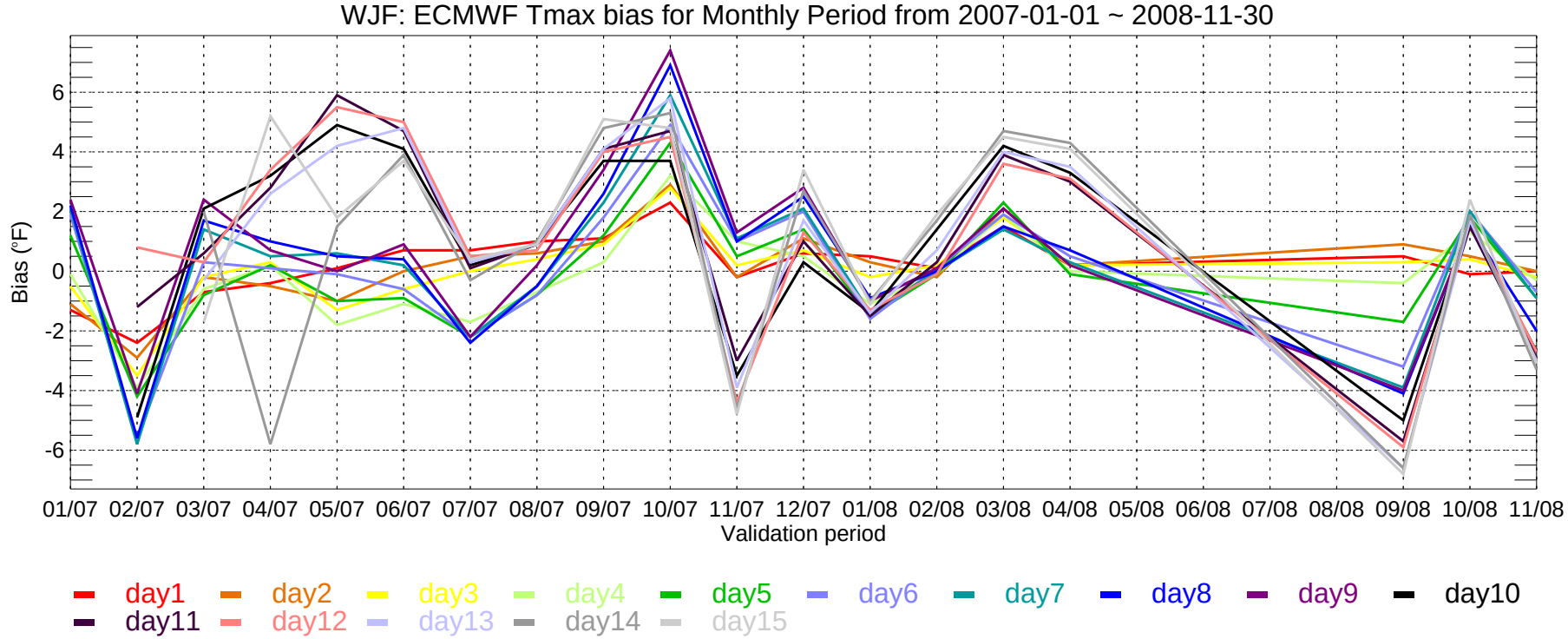

VCT: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

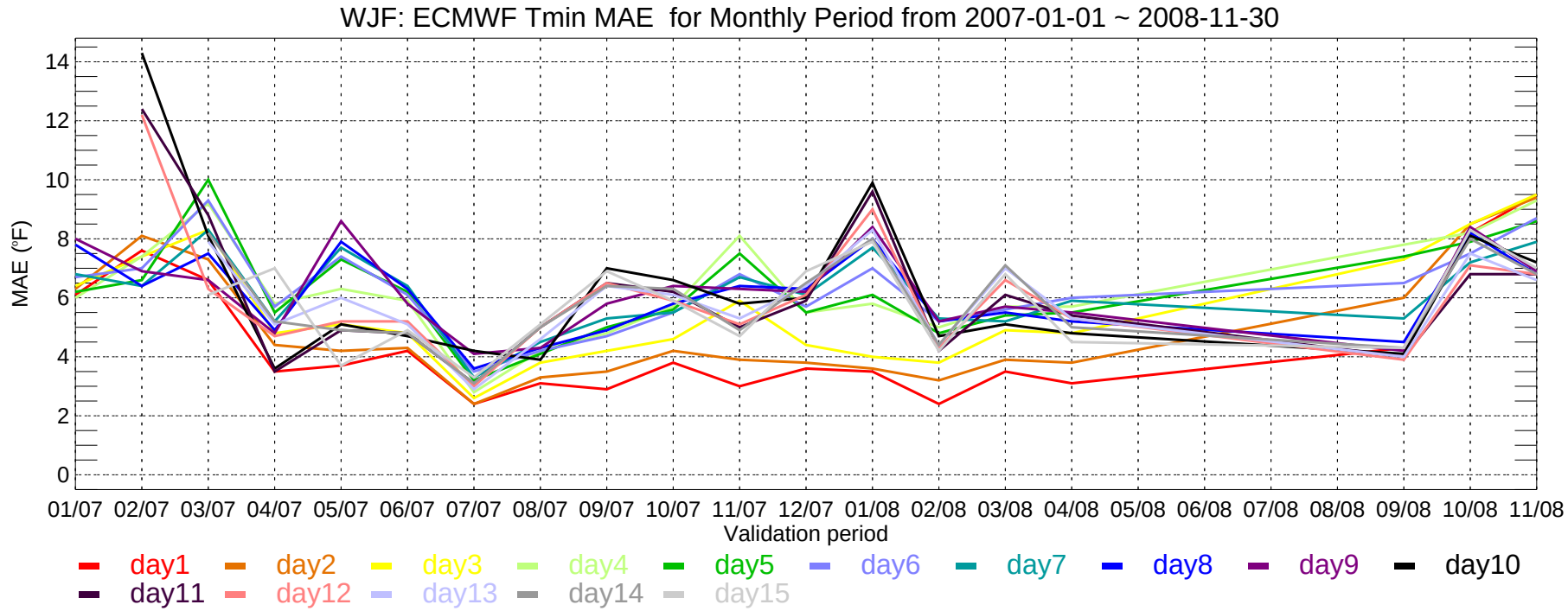

VCT: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


VCT: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


VCT: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
-15
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


WJF: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


WJF: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-6
-4
-2
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


WJF: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
14
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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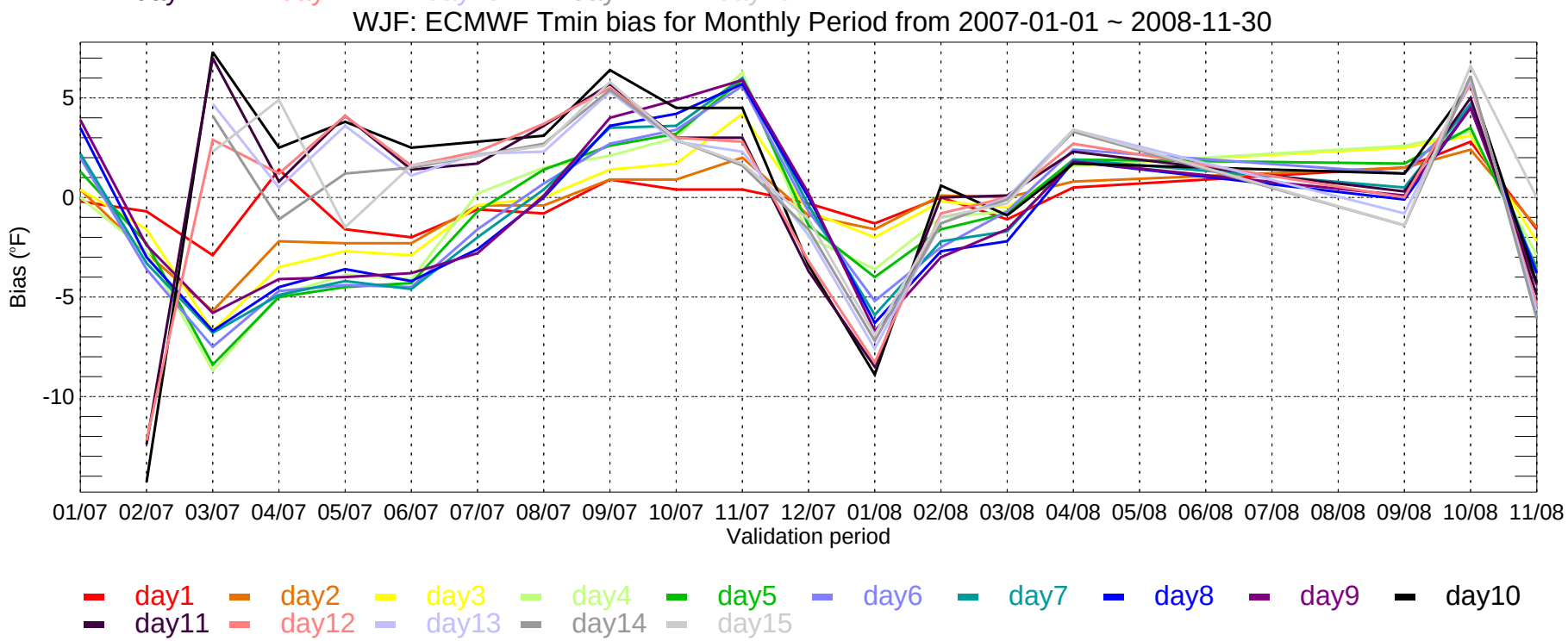
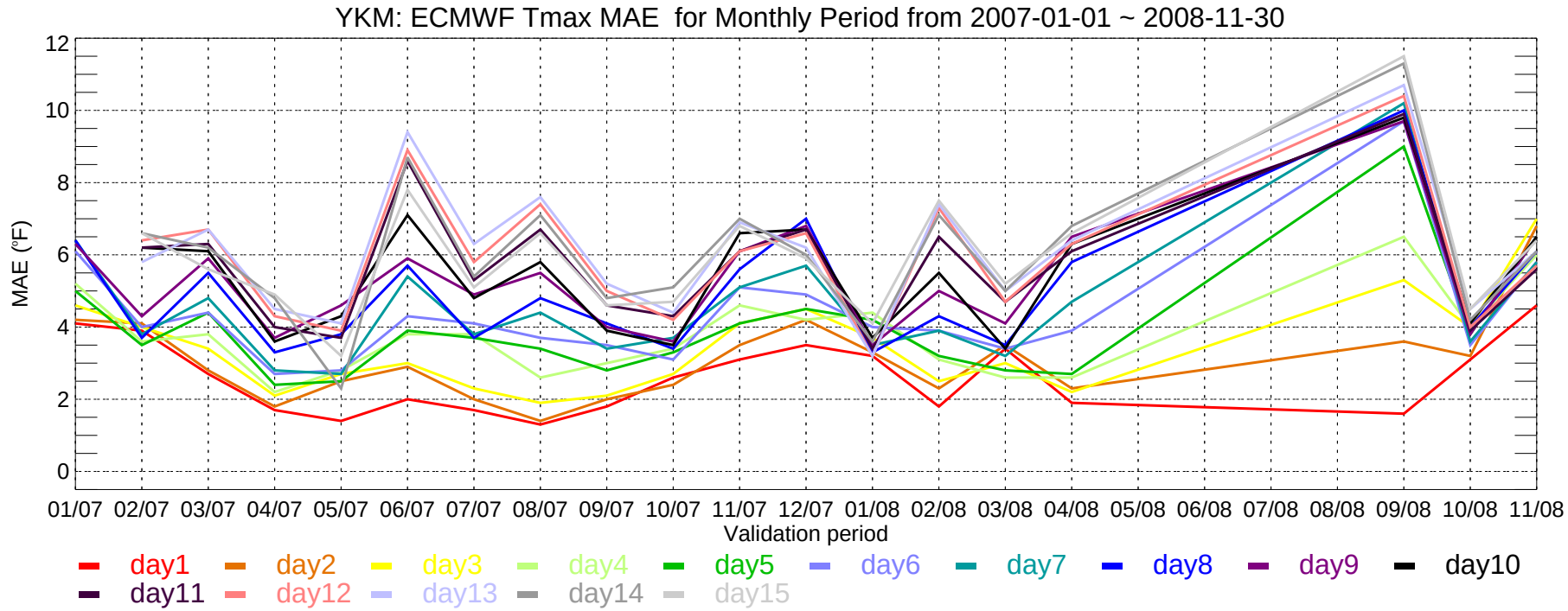
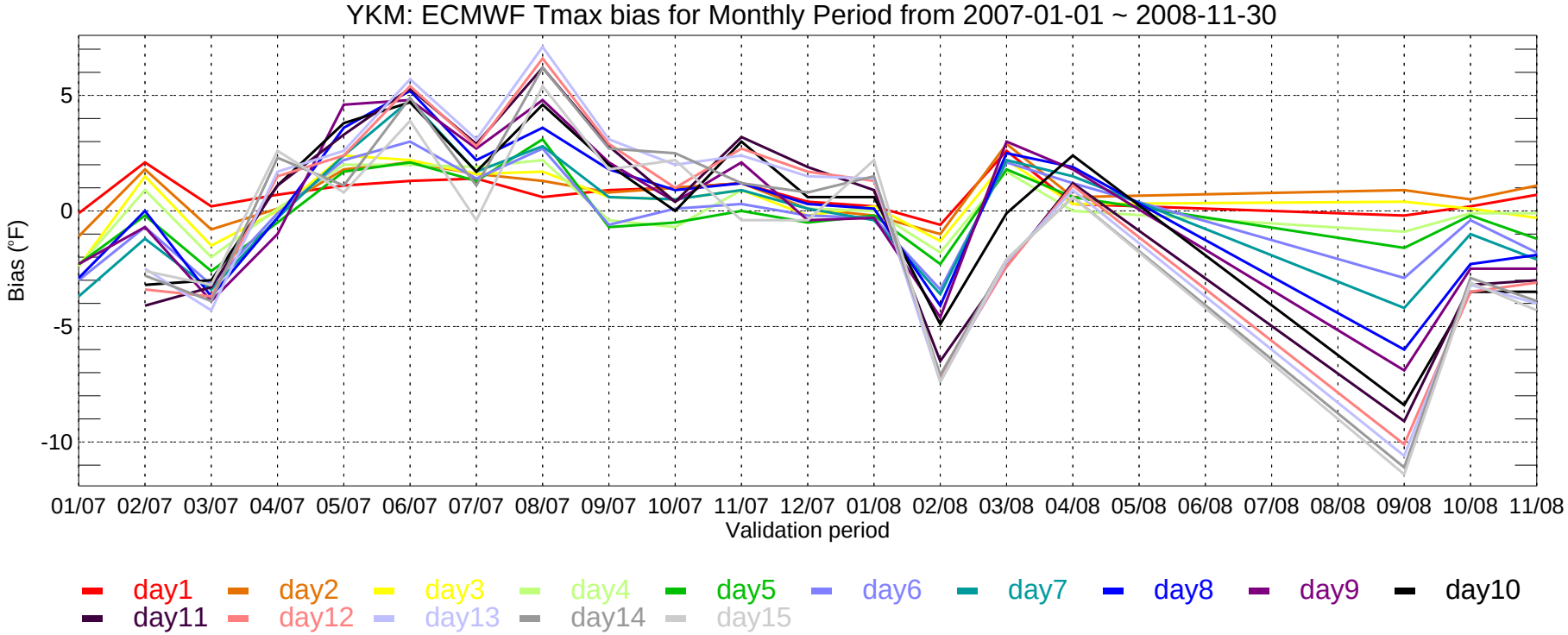
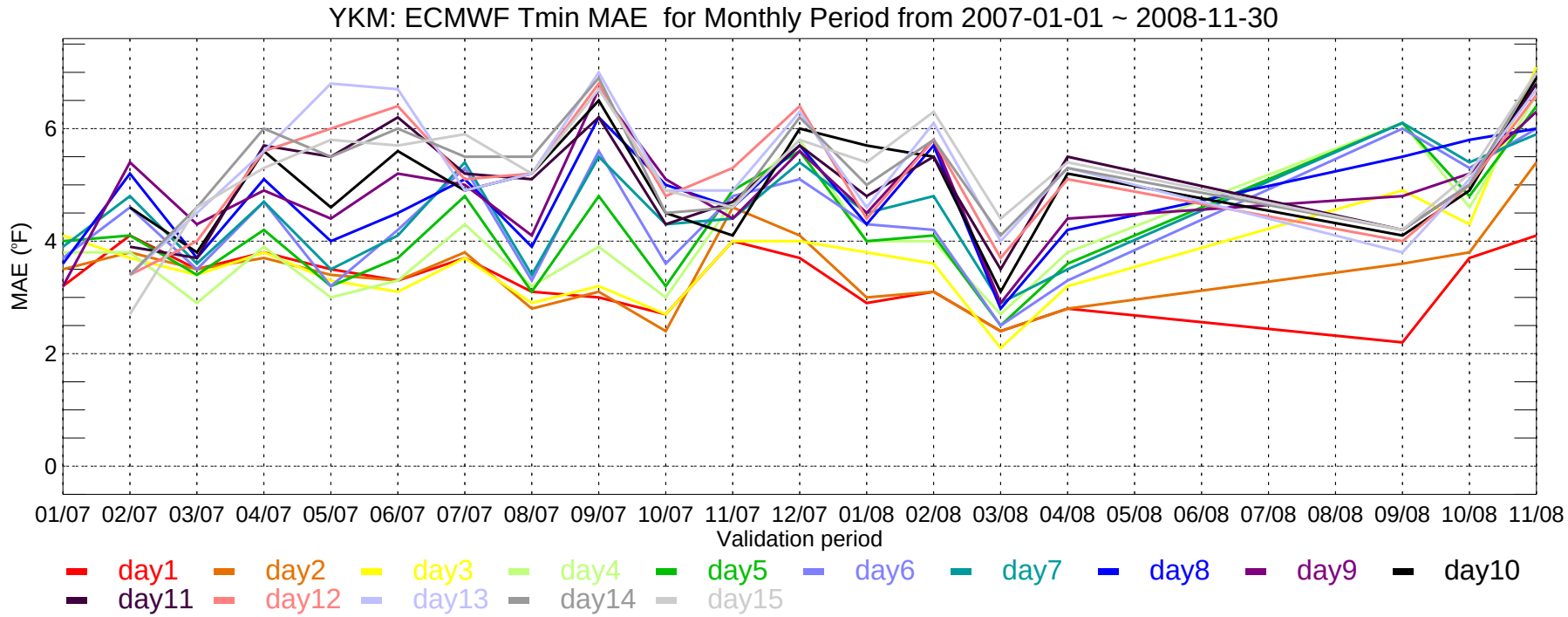
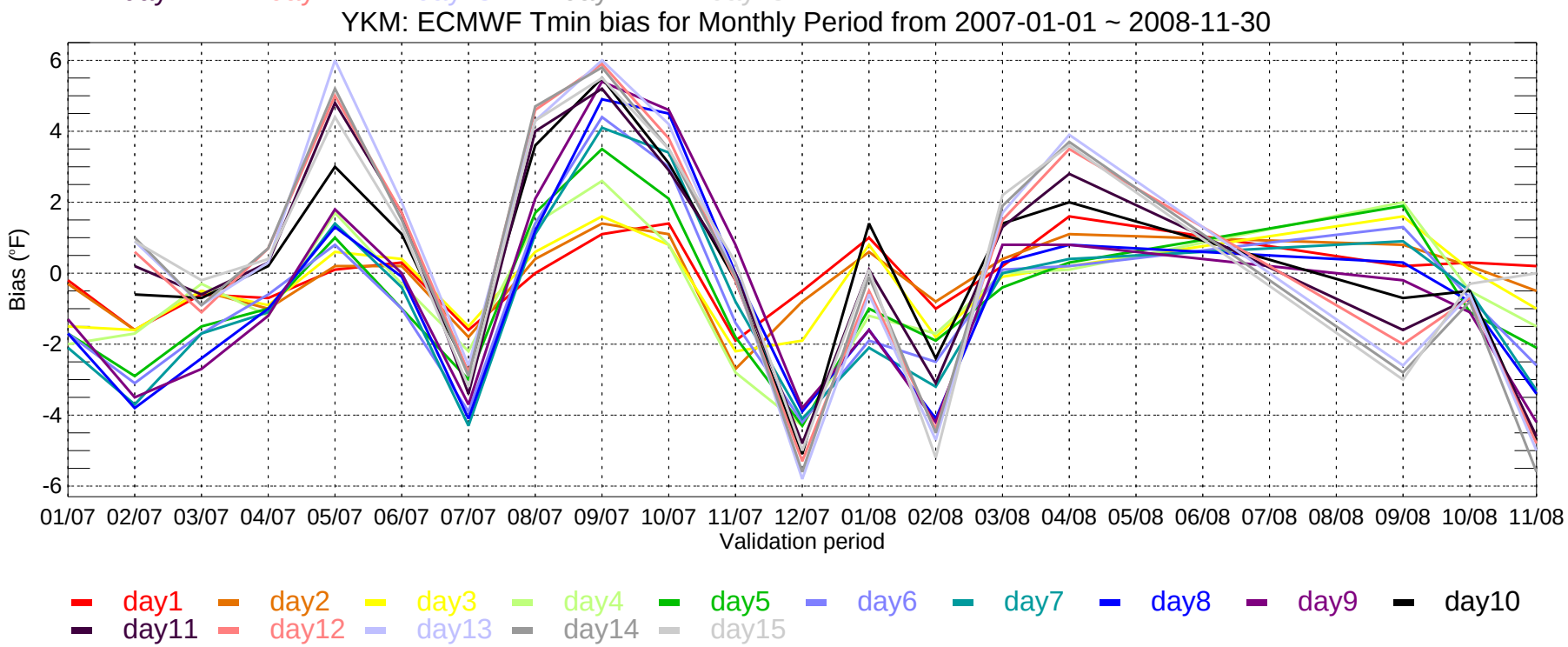
day11 day12 day13 day14 day15

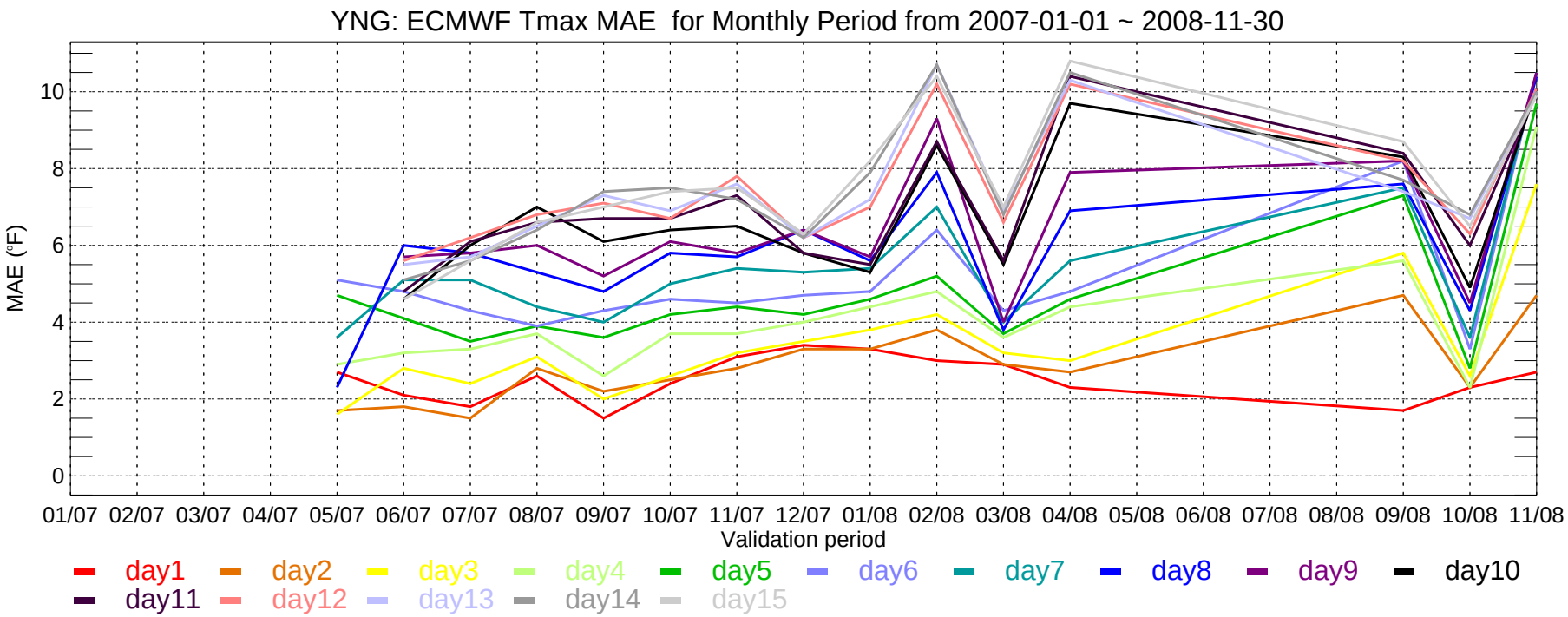

WJF: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-10
-5
0
5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

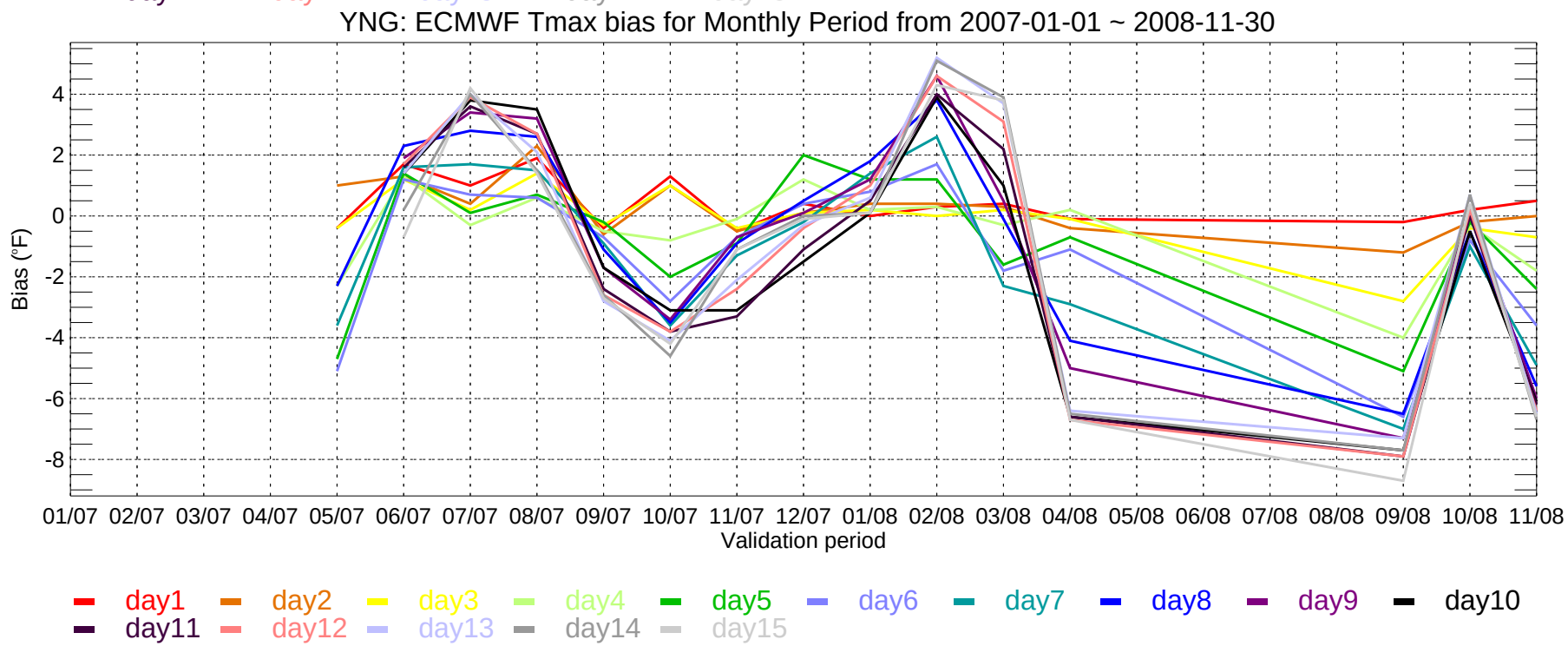

YKM: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


YKM: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


YKM: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


YKM: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
6
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


YNG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15


YNG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
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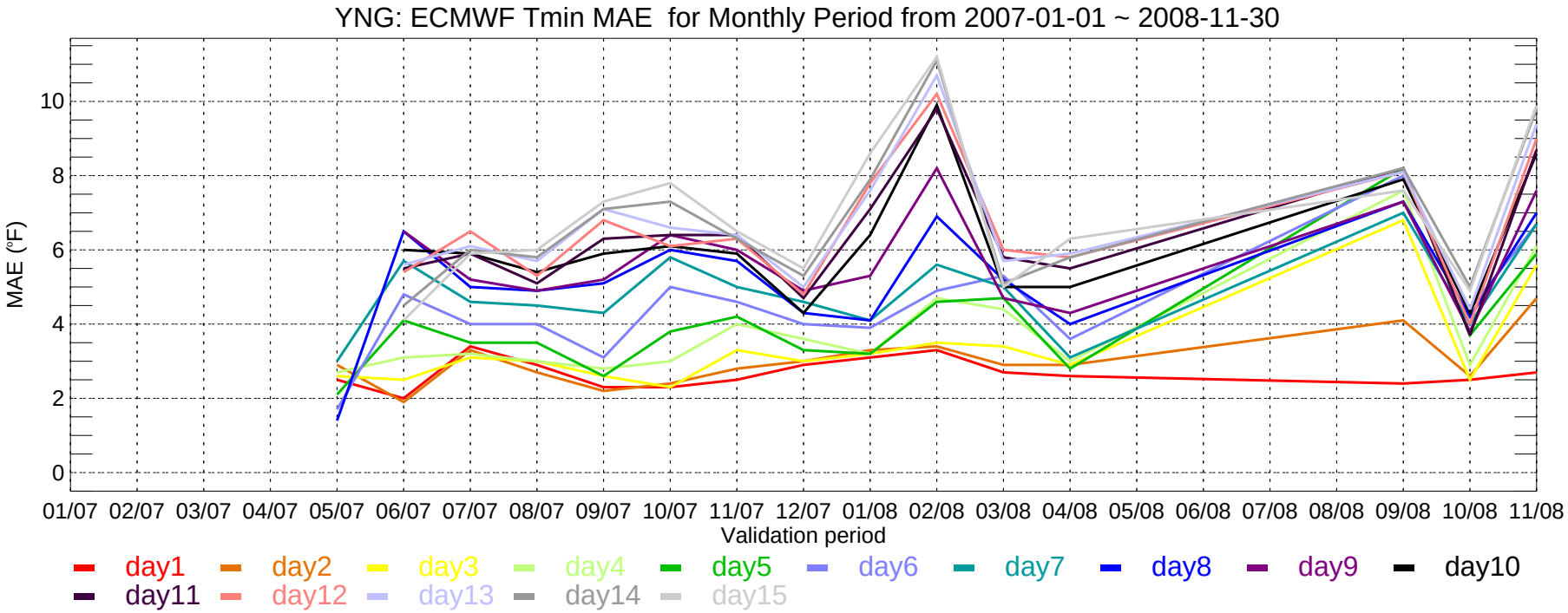
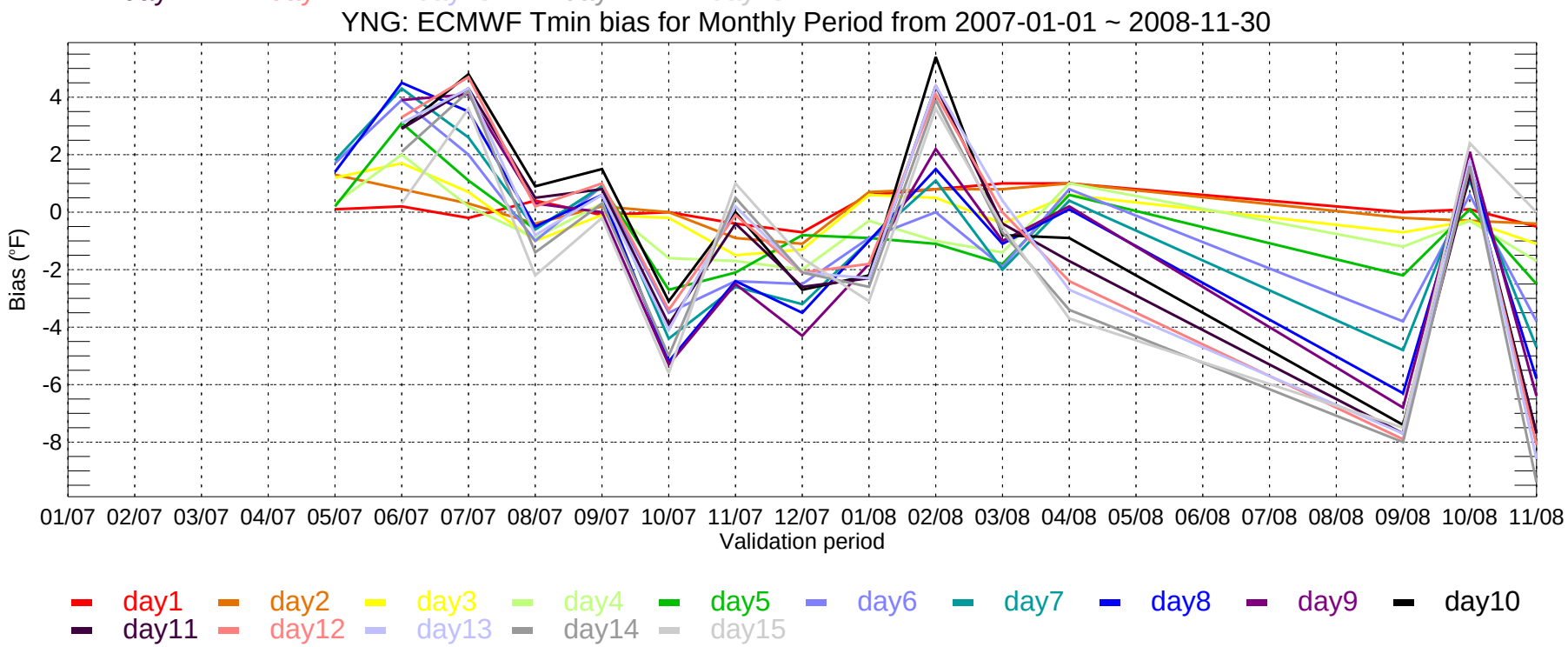
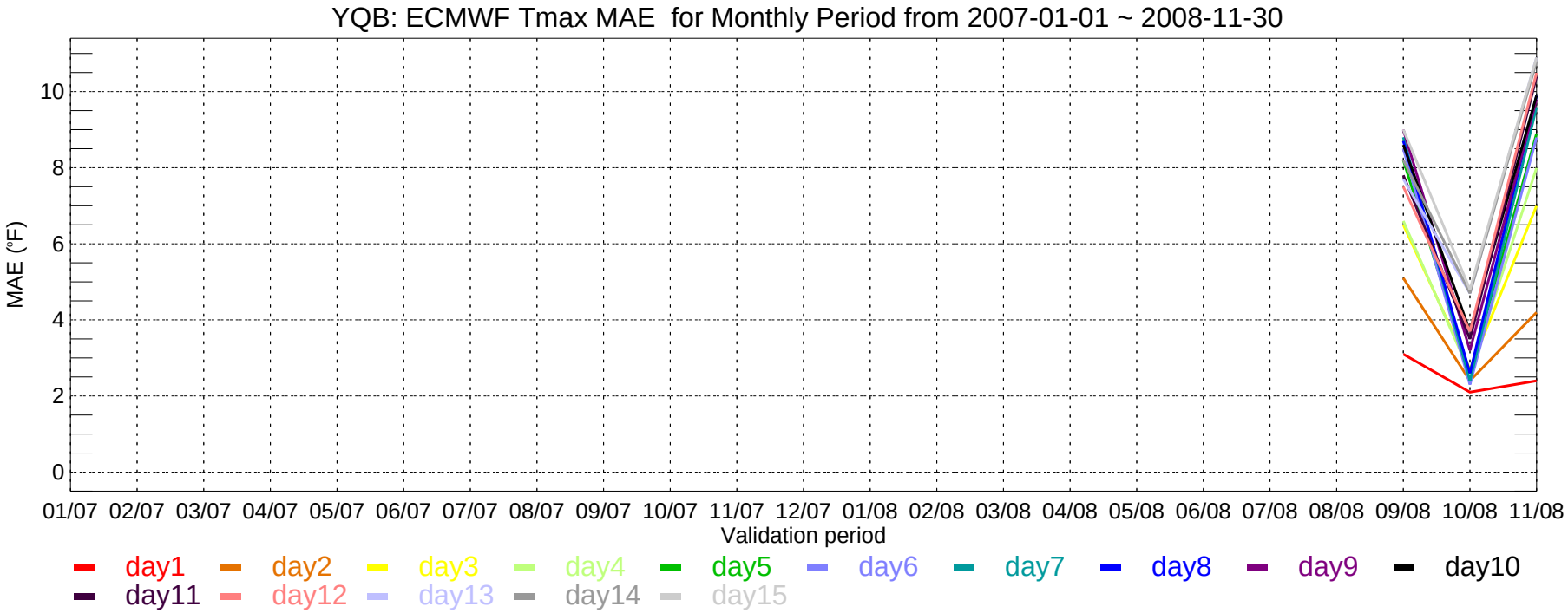
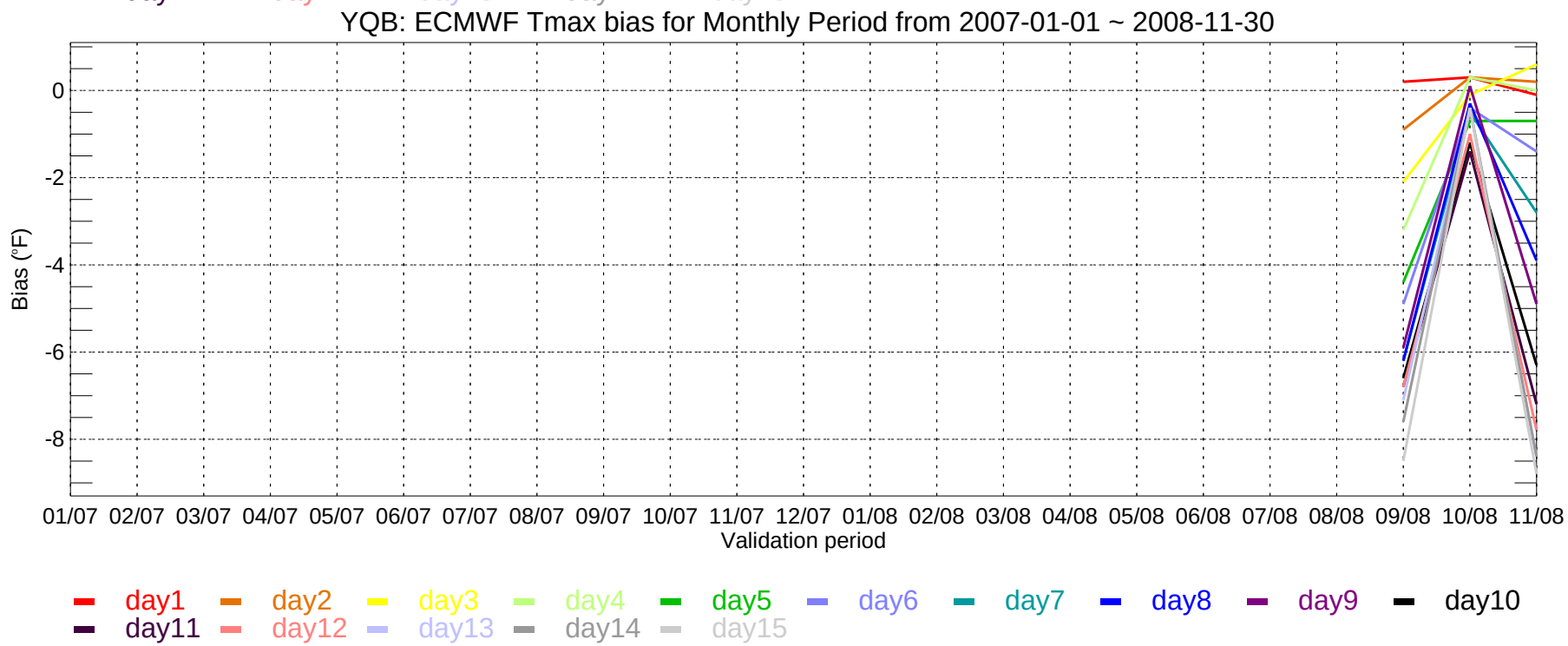
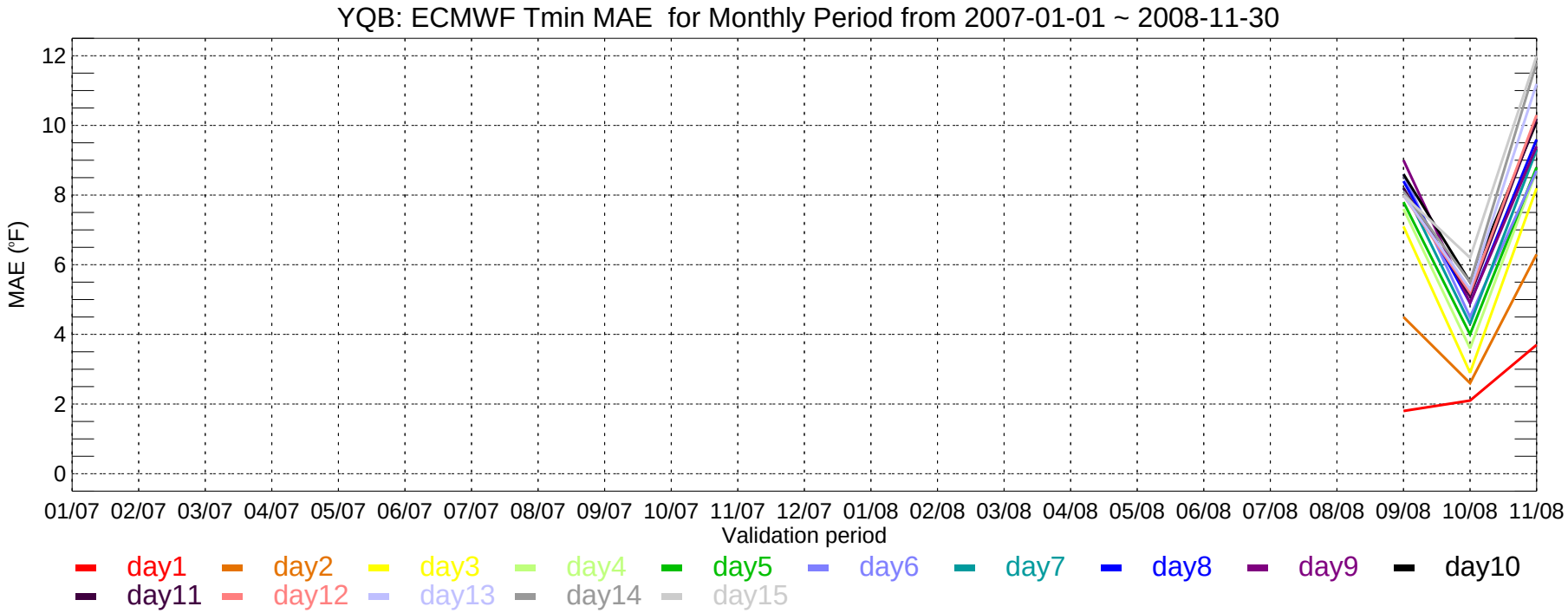
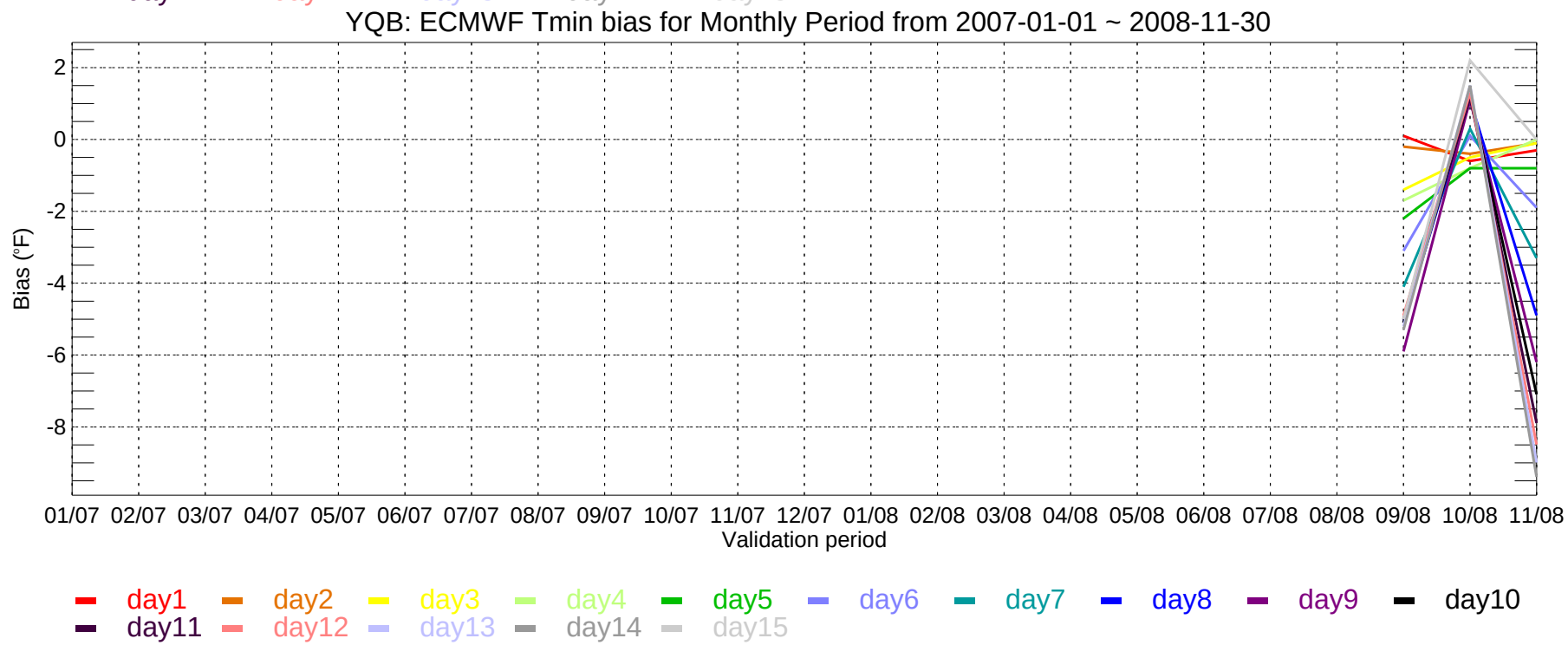

YNG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

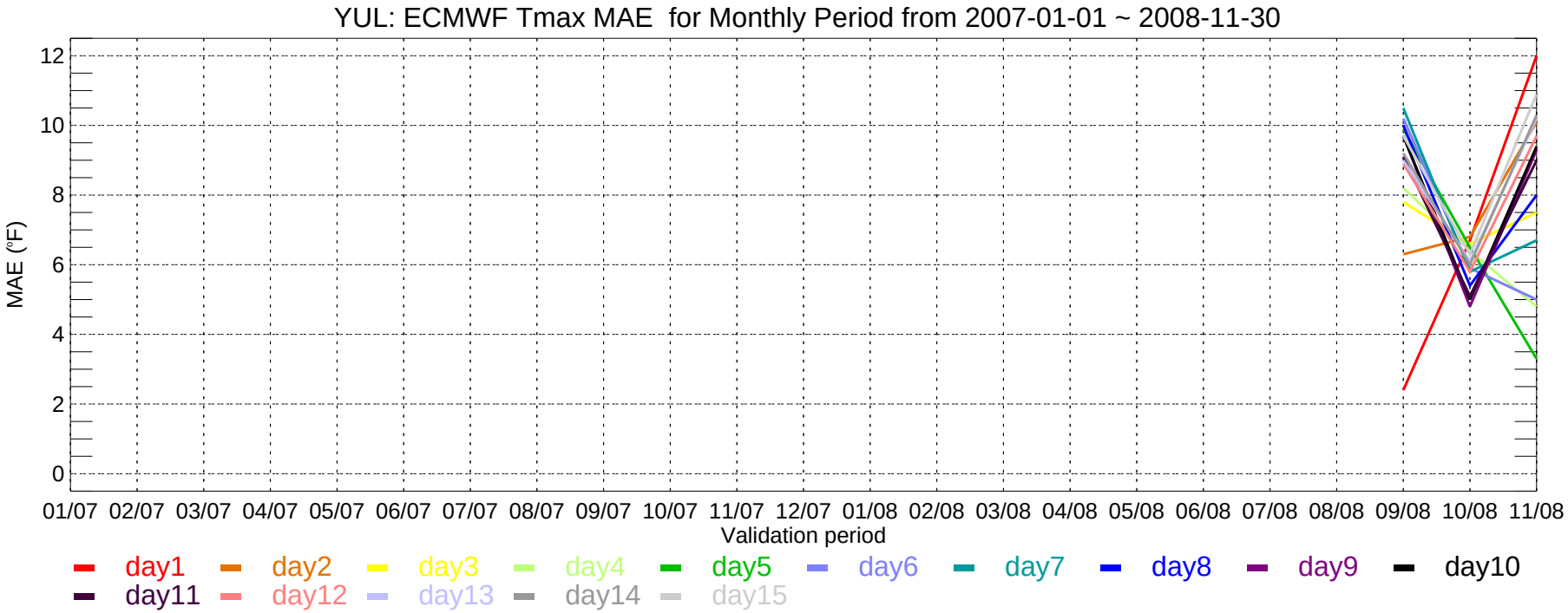

YNG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

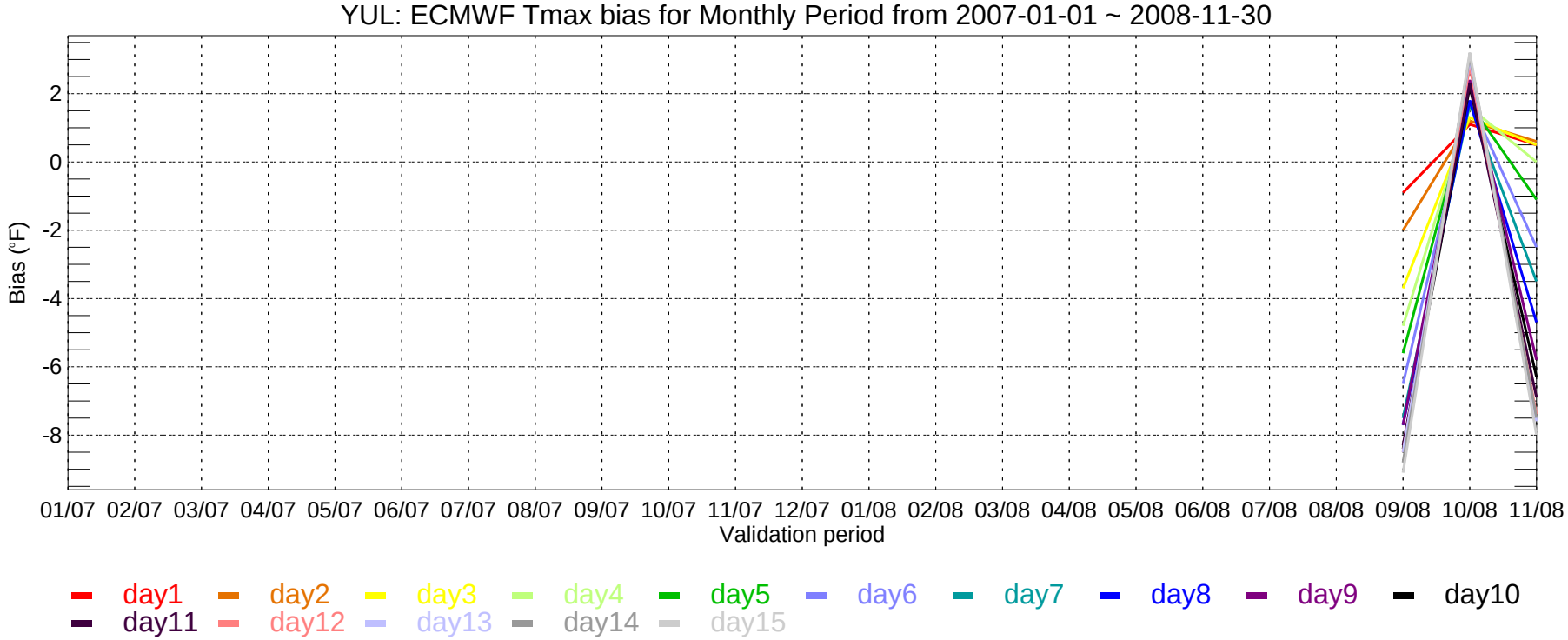

YQB: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

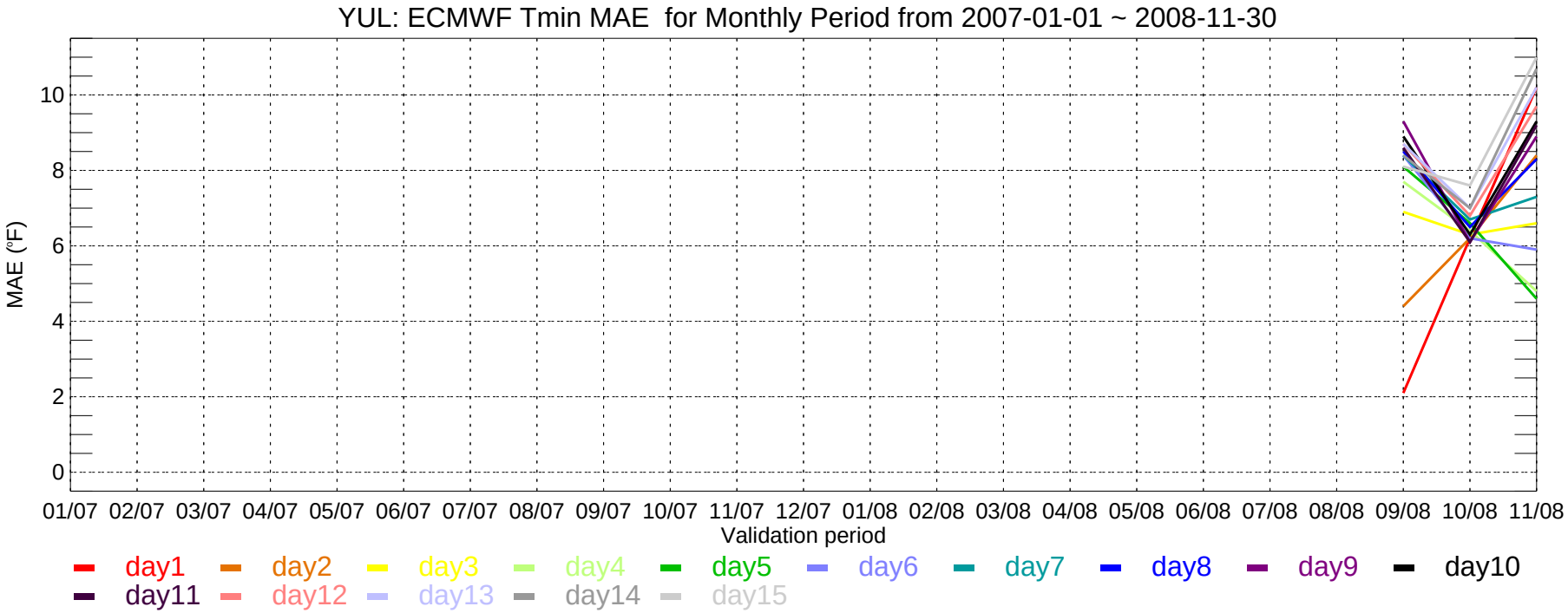

YQB: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

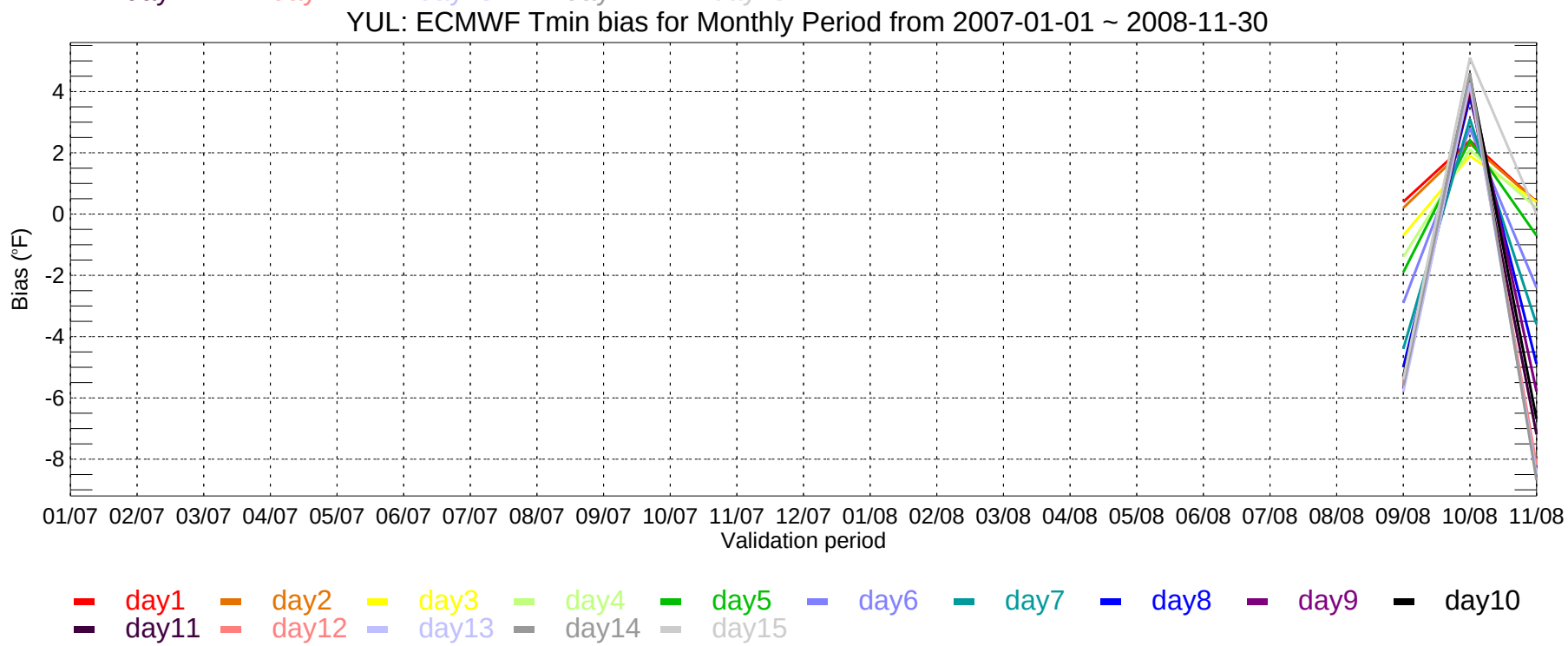

YQB: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

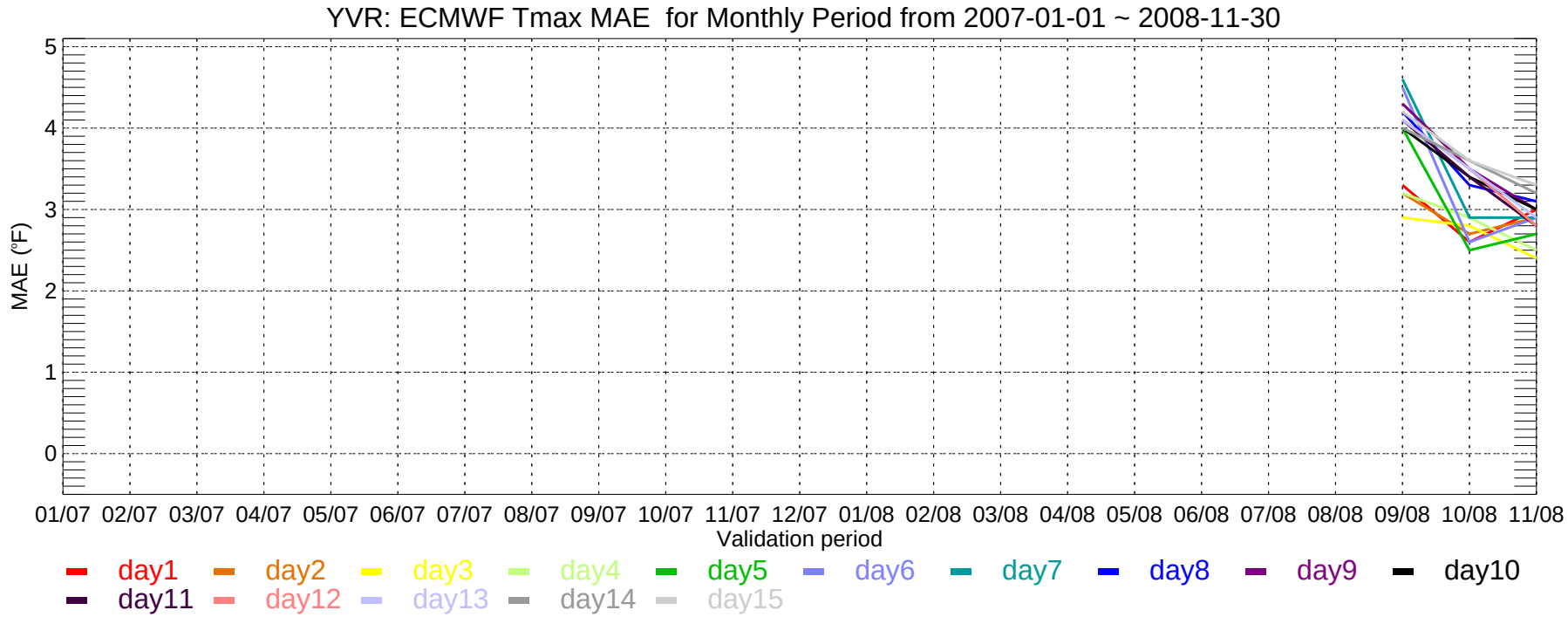

YQB: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

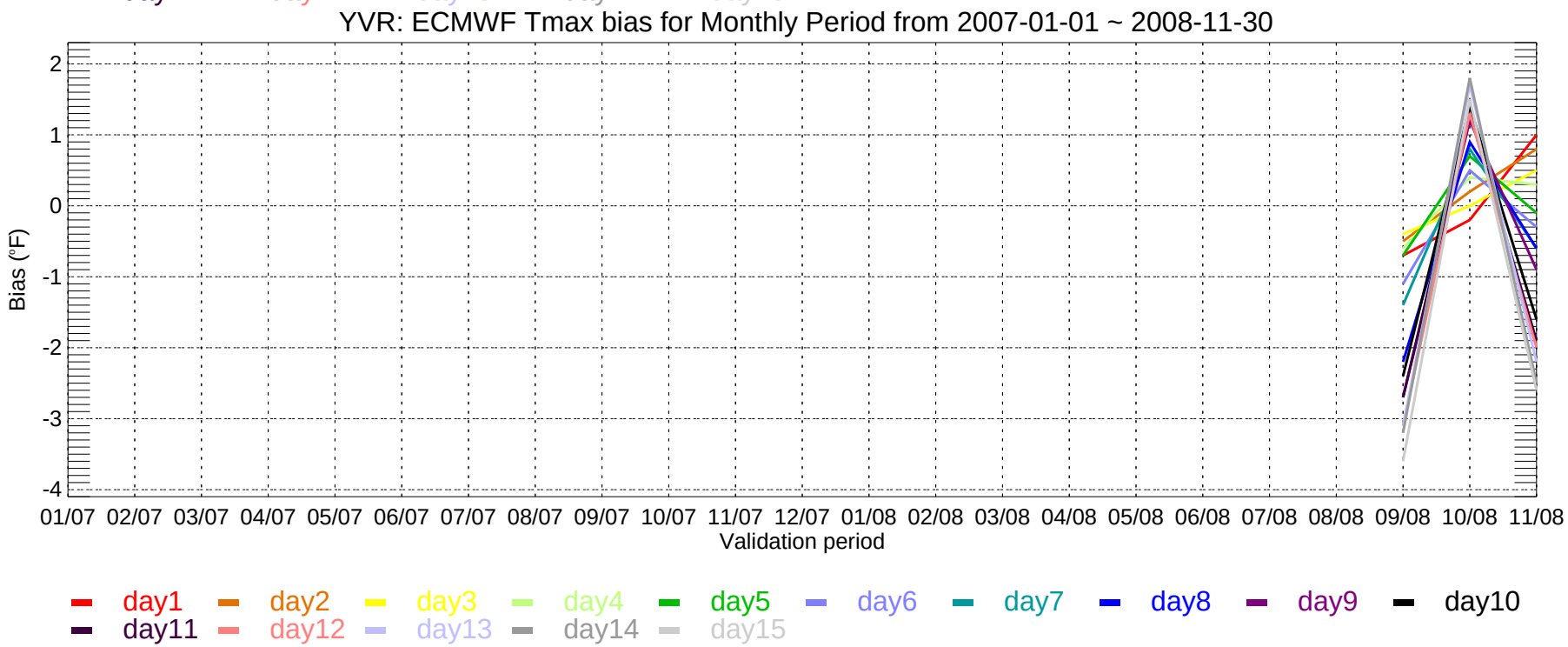

YUL: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

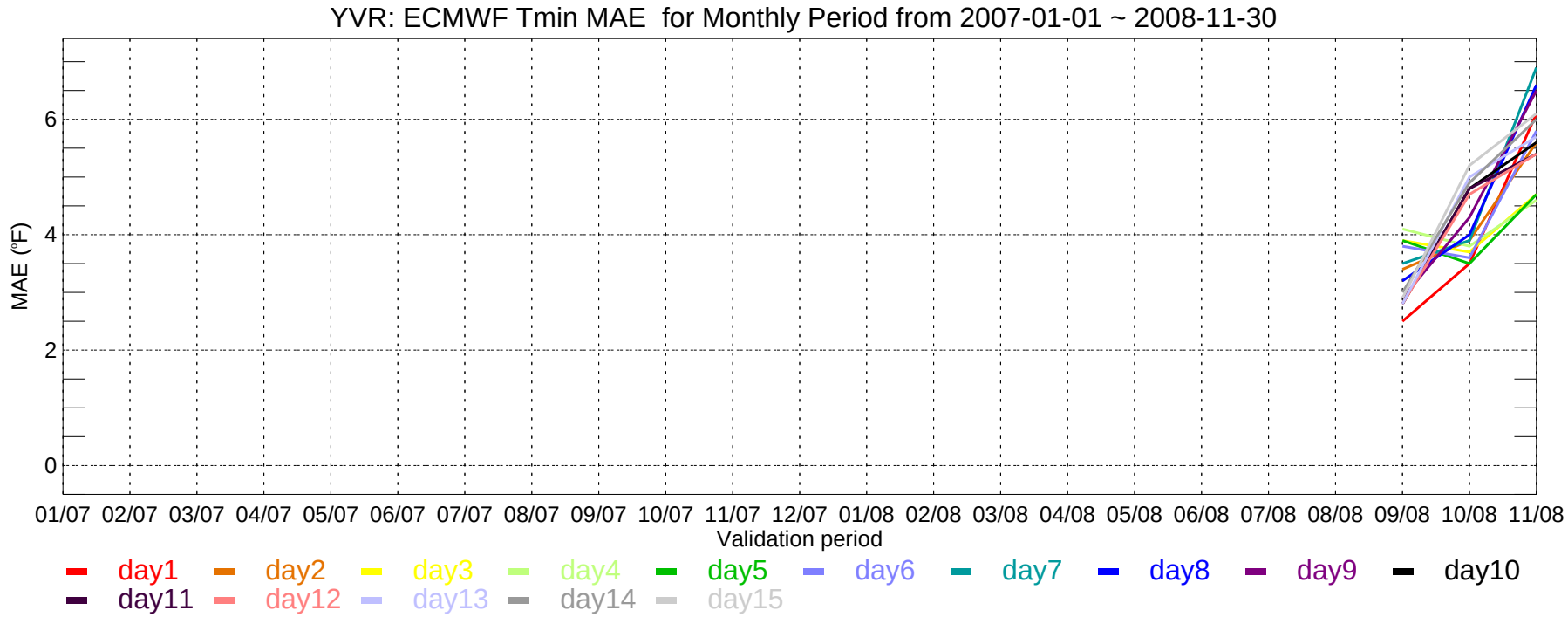

YUL: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

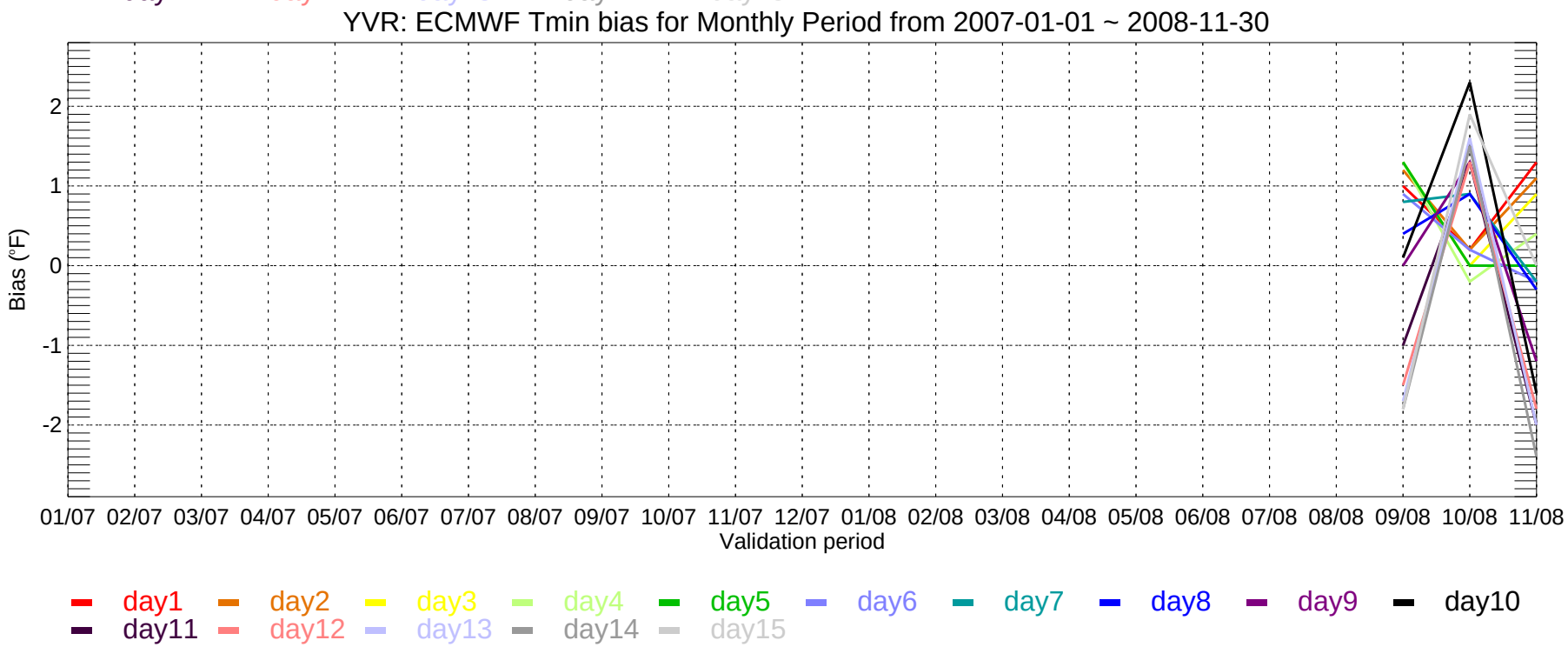

YUL: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

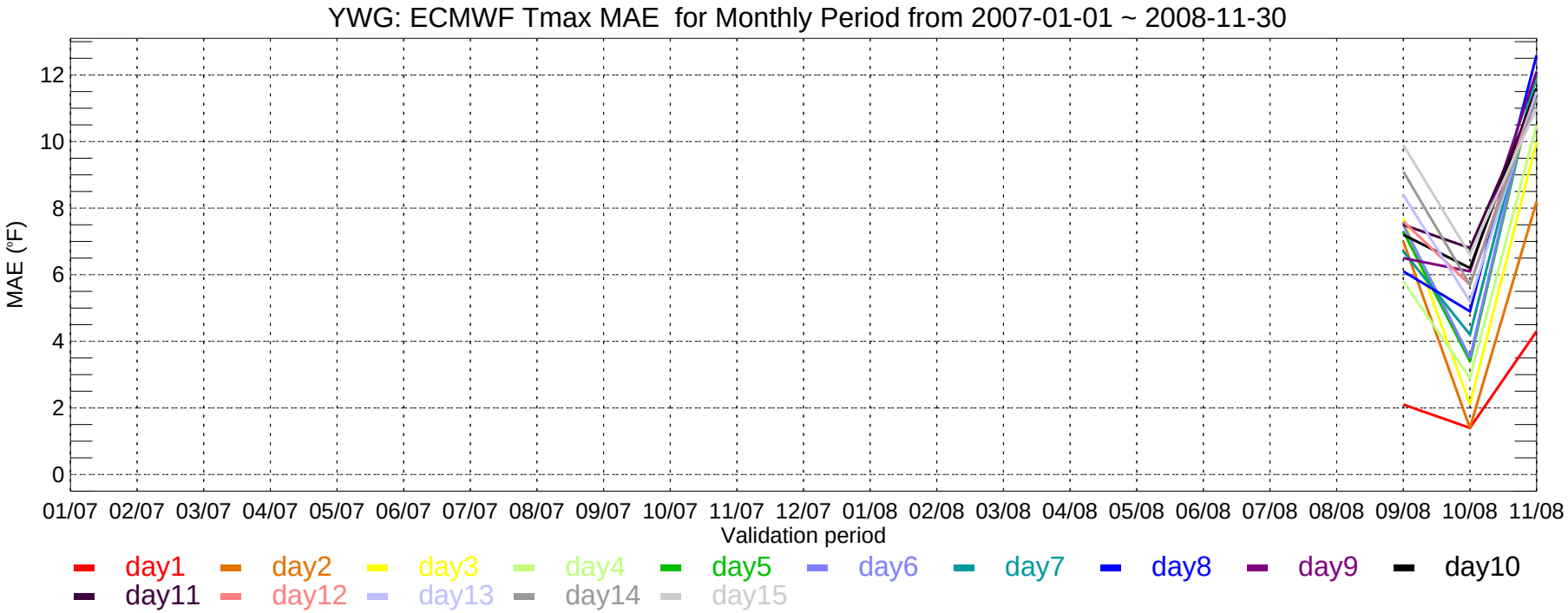

YUL: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

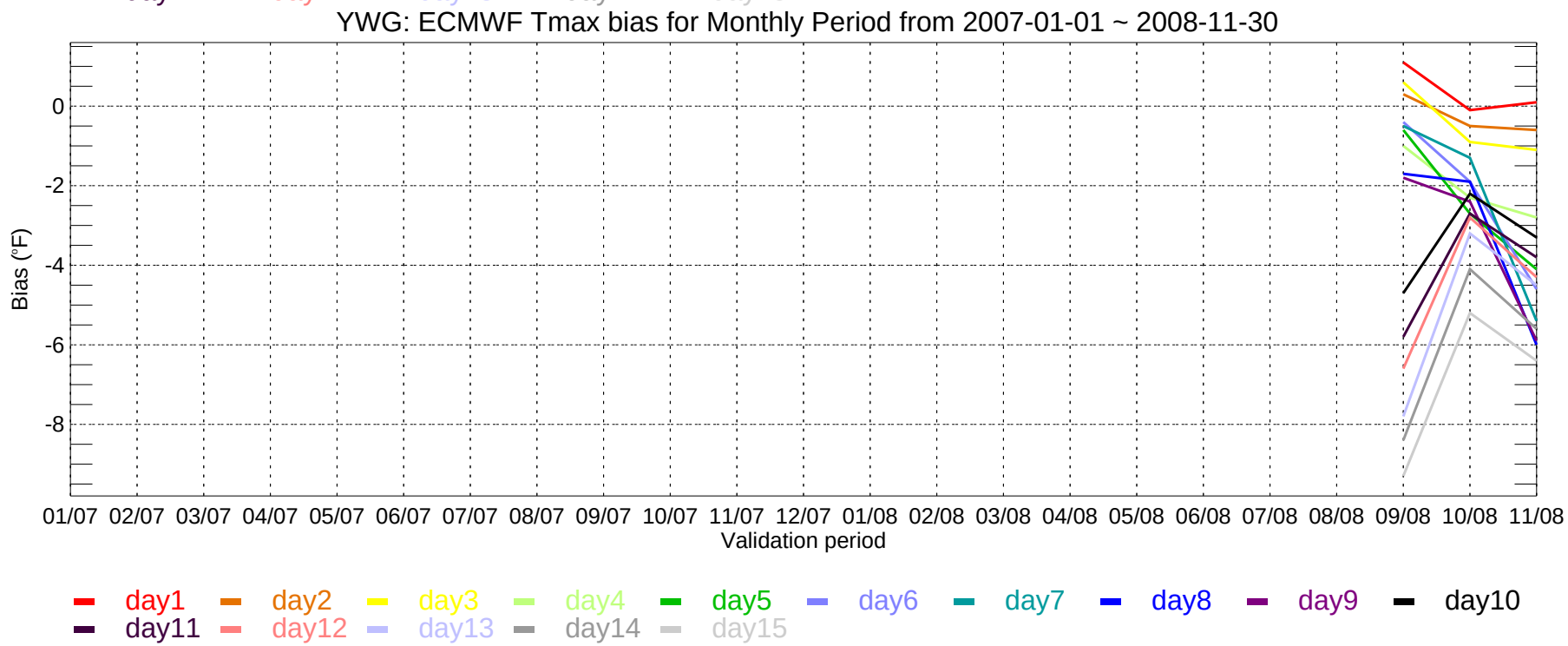

YVR: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
5
4
3
2
1
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

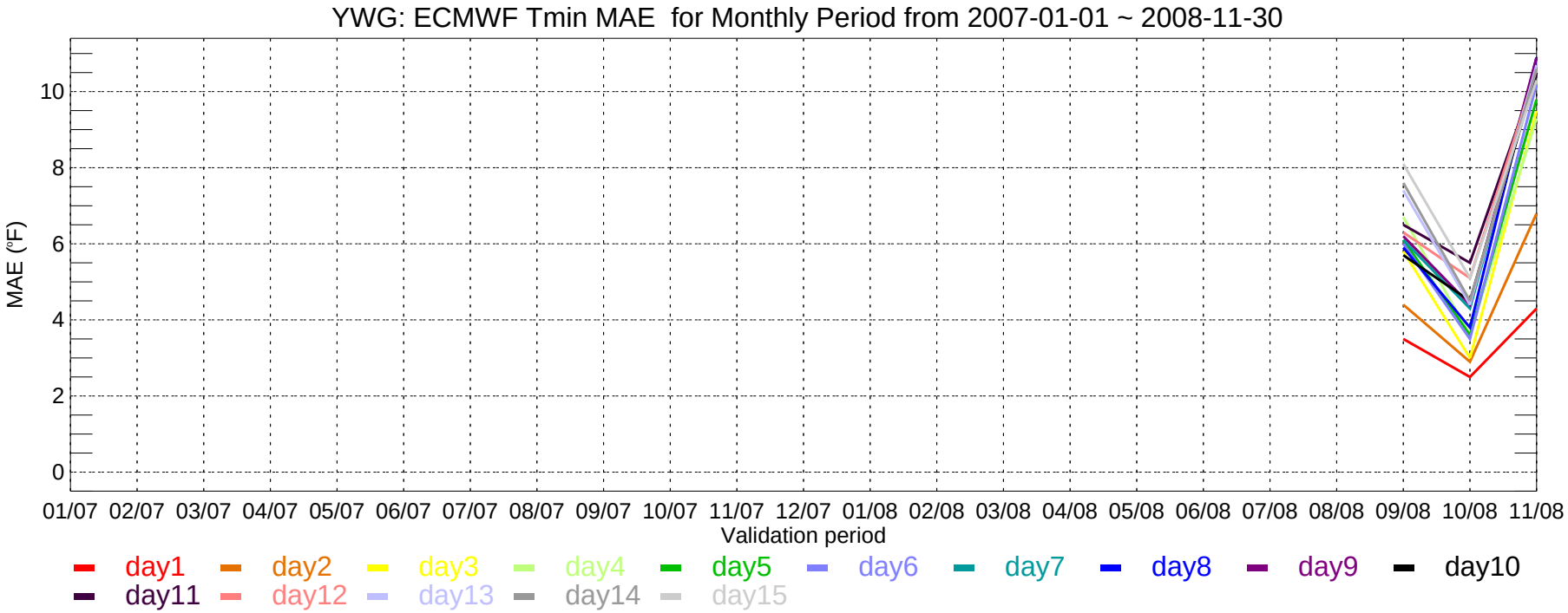

YVR: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
1
0
-1
-2
-3
-4
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

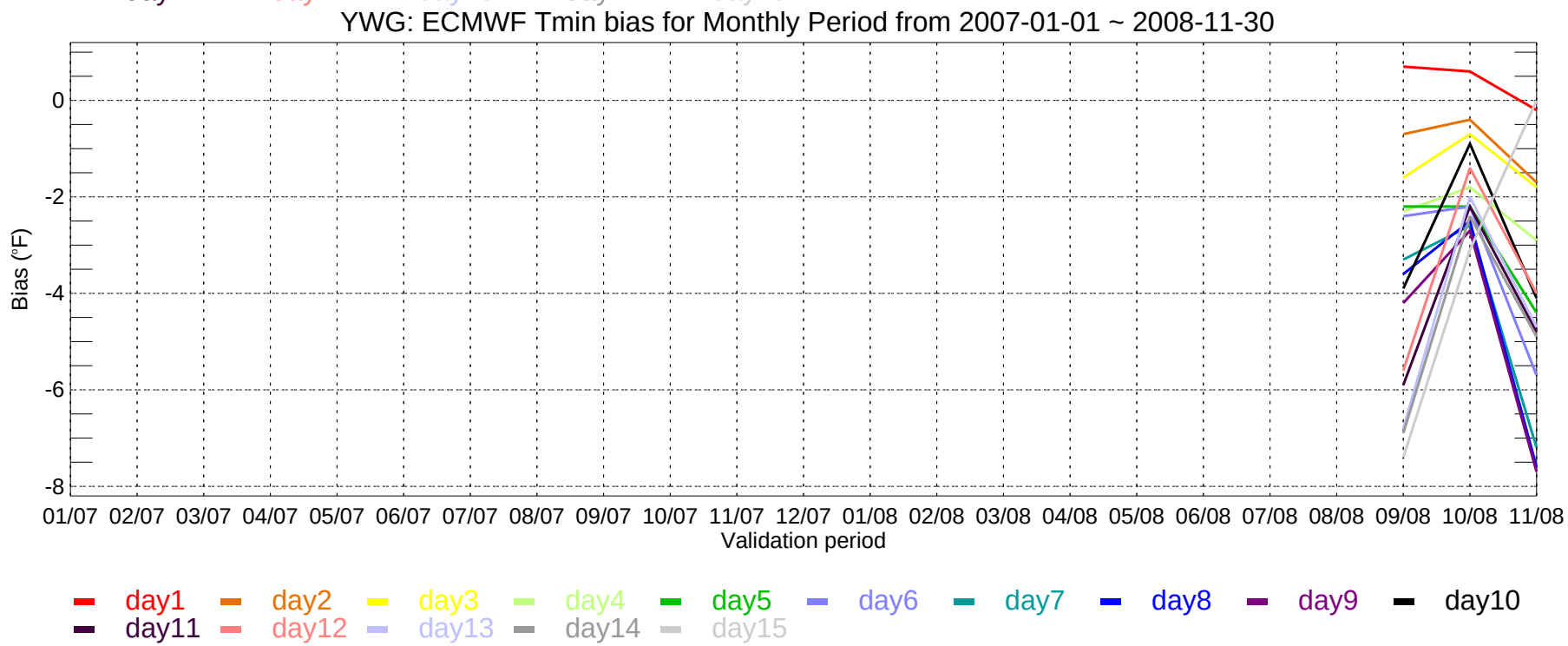

YVR: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

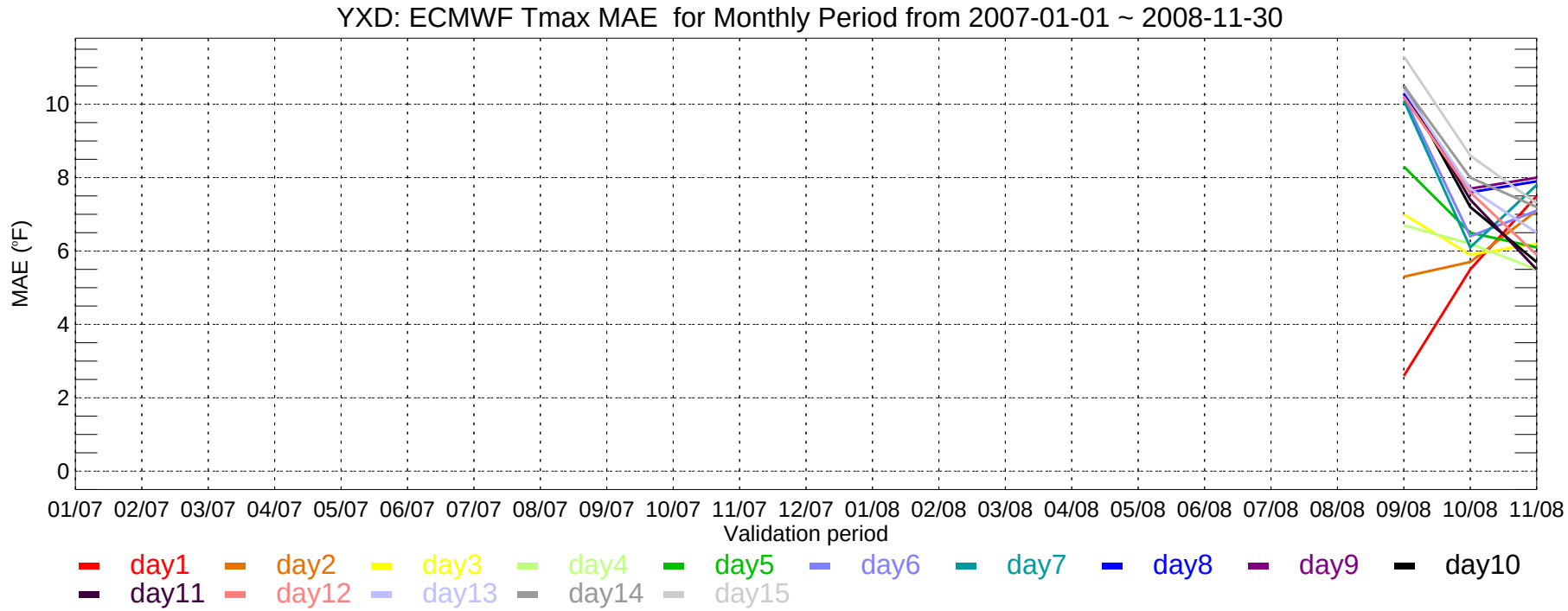

YVR: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
1
0
-1
-2
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

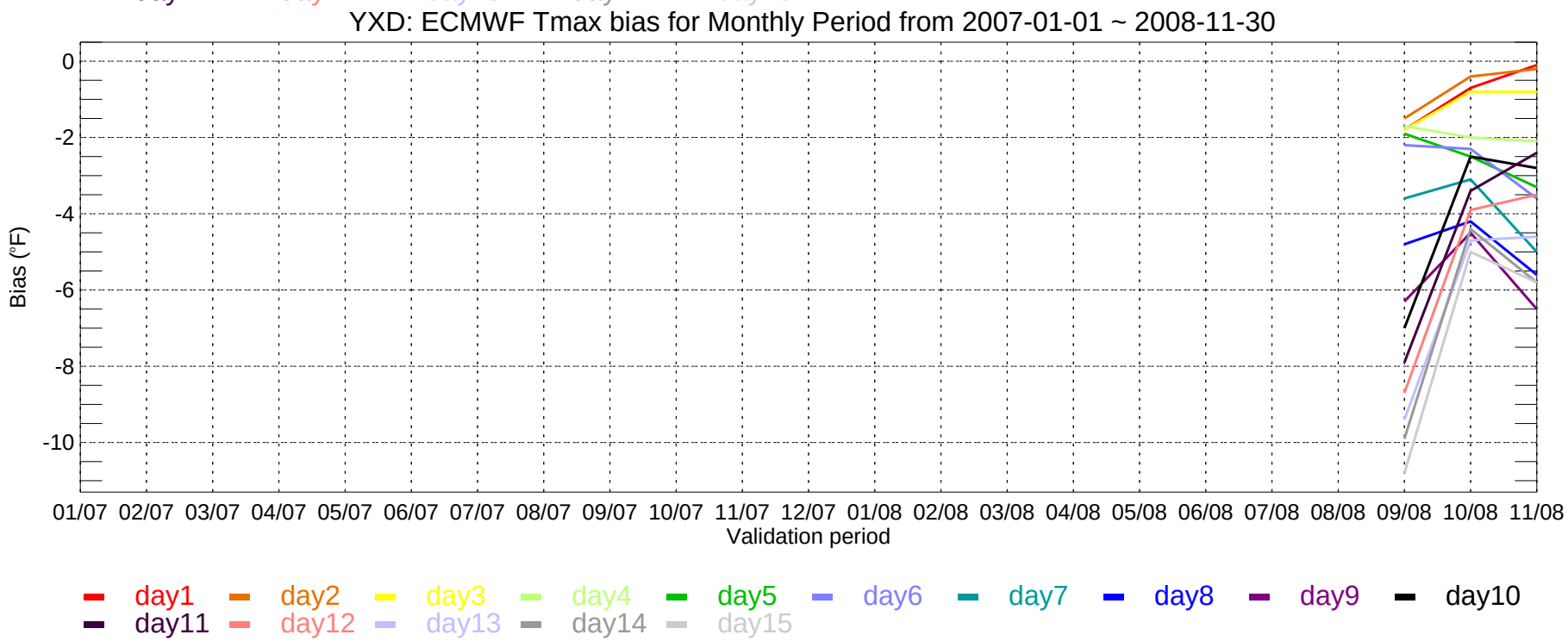

YWG: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
12
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

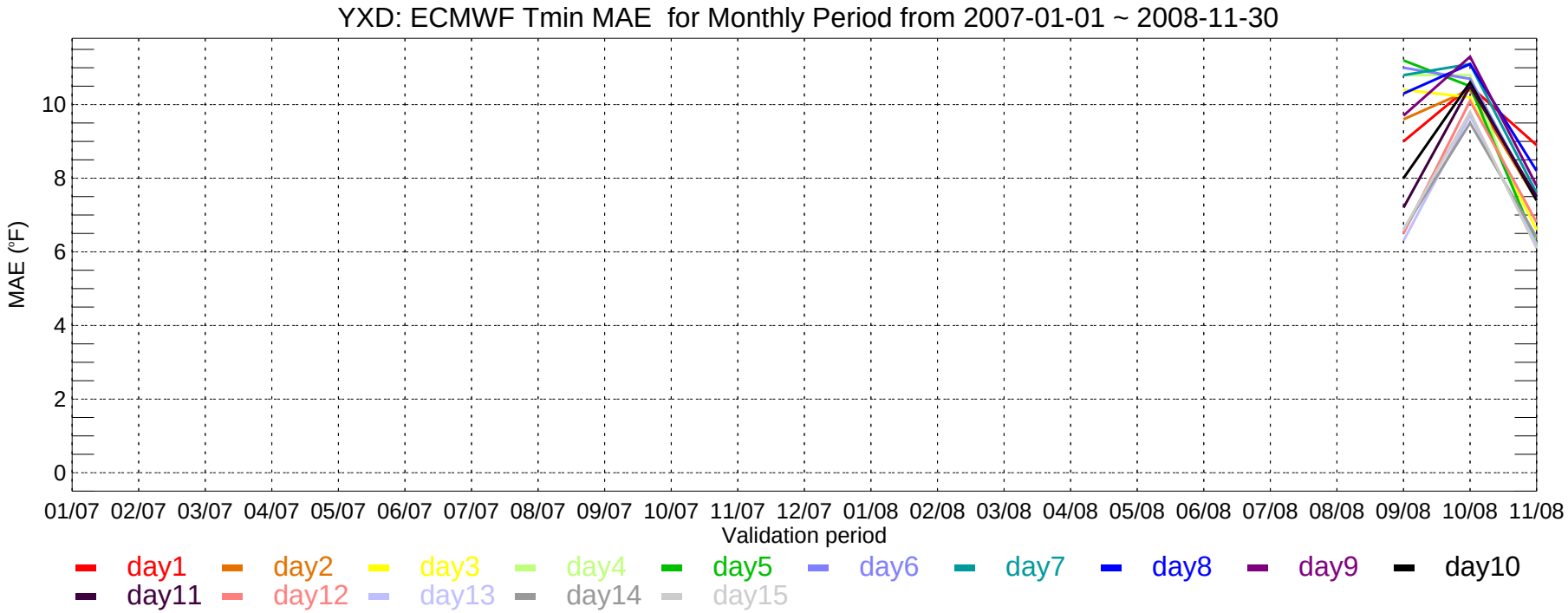

YWG: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

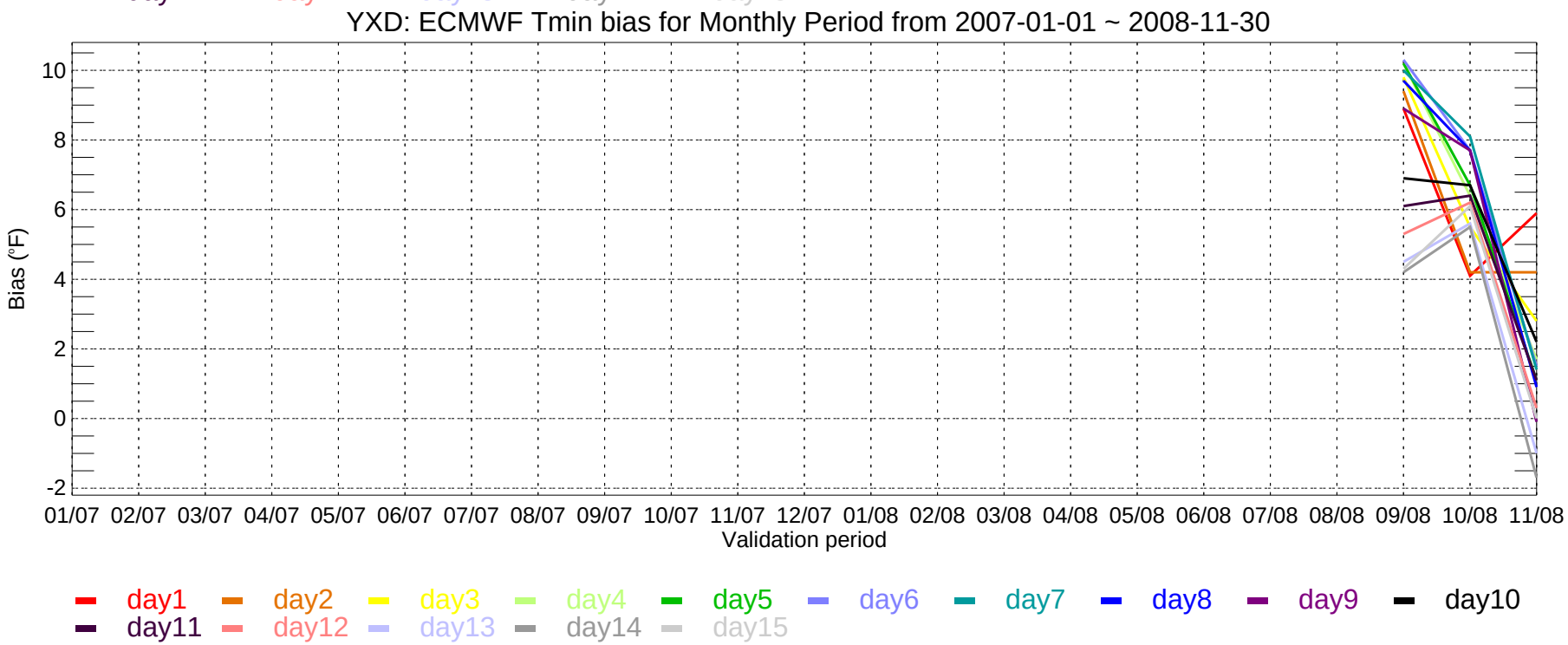

YWG: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

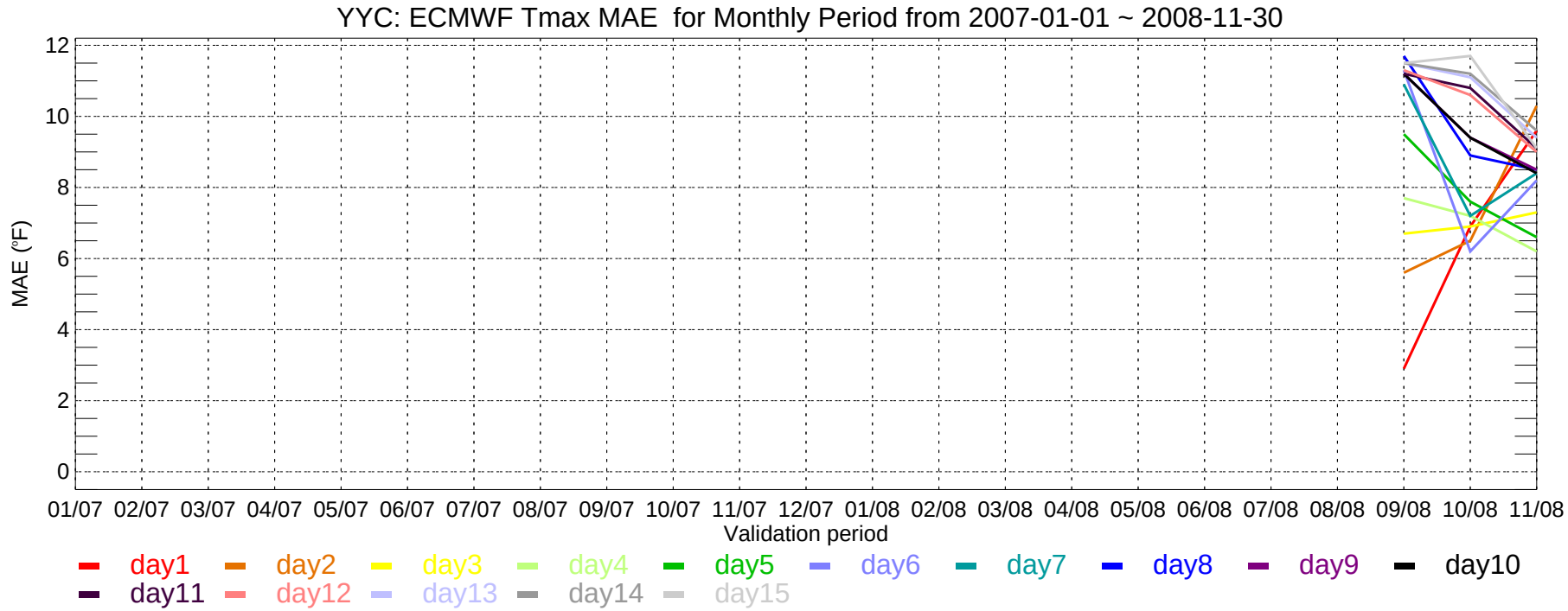

YWG: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
0
-2
-4
-6
-8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

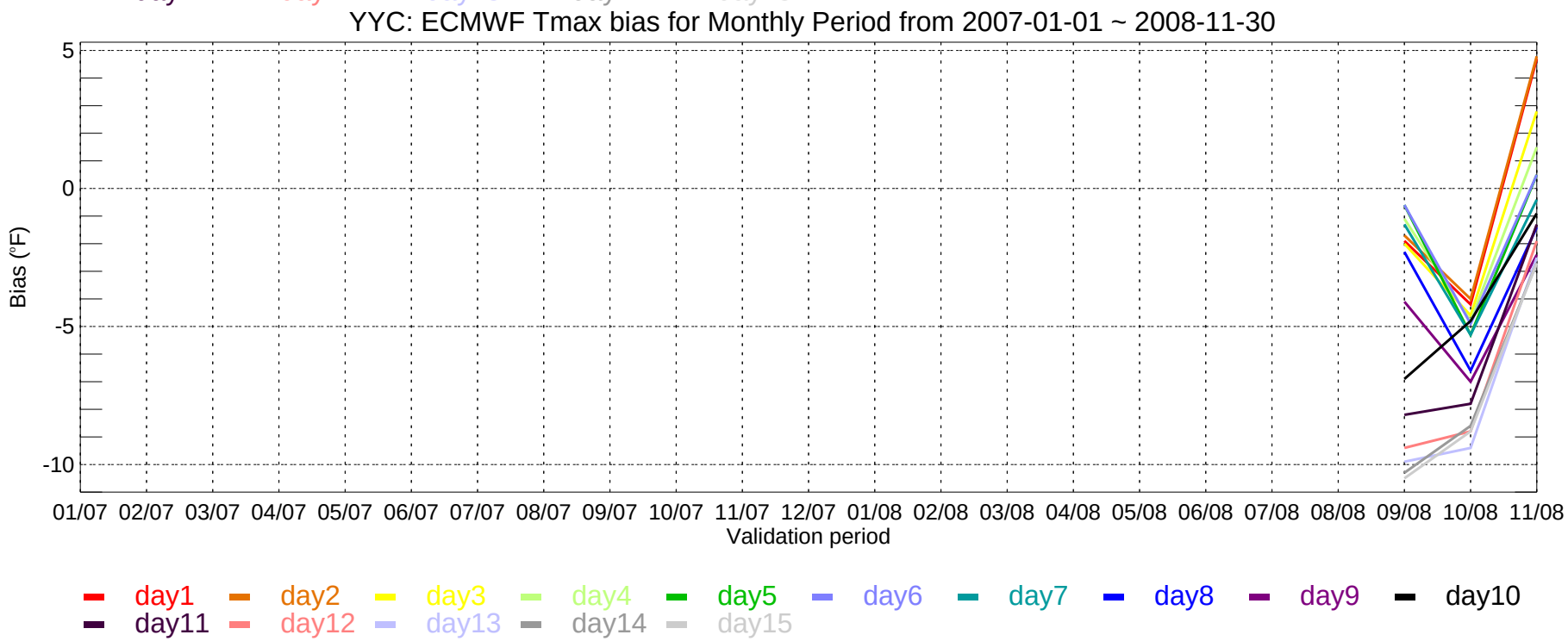

YXD: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

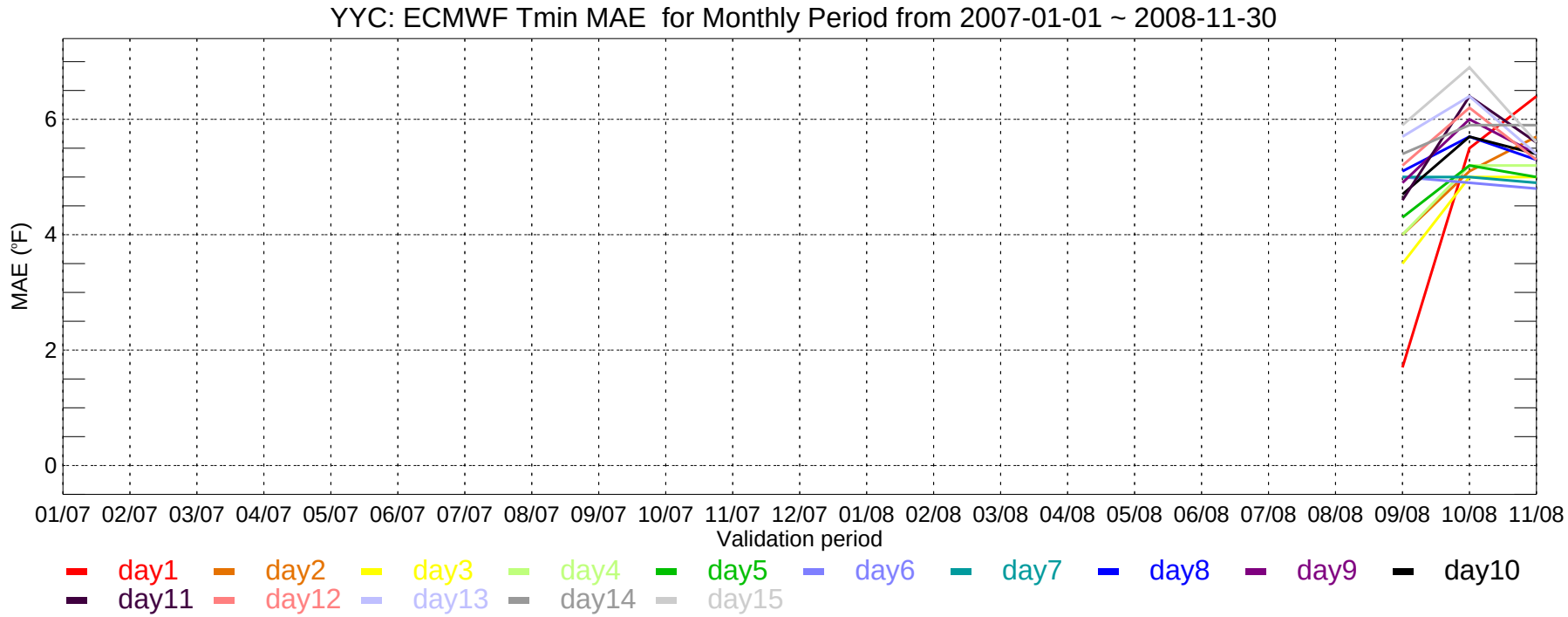

YXD: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
0
-2
-4
-6
-8
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

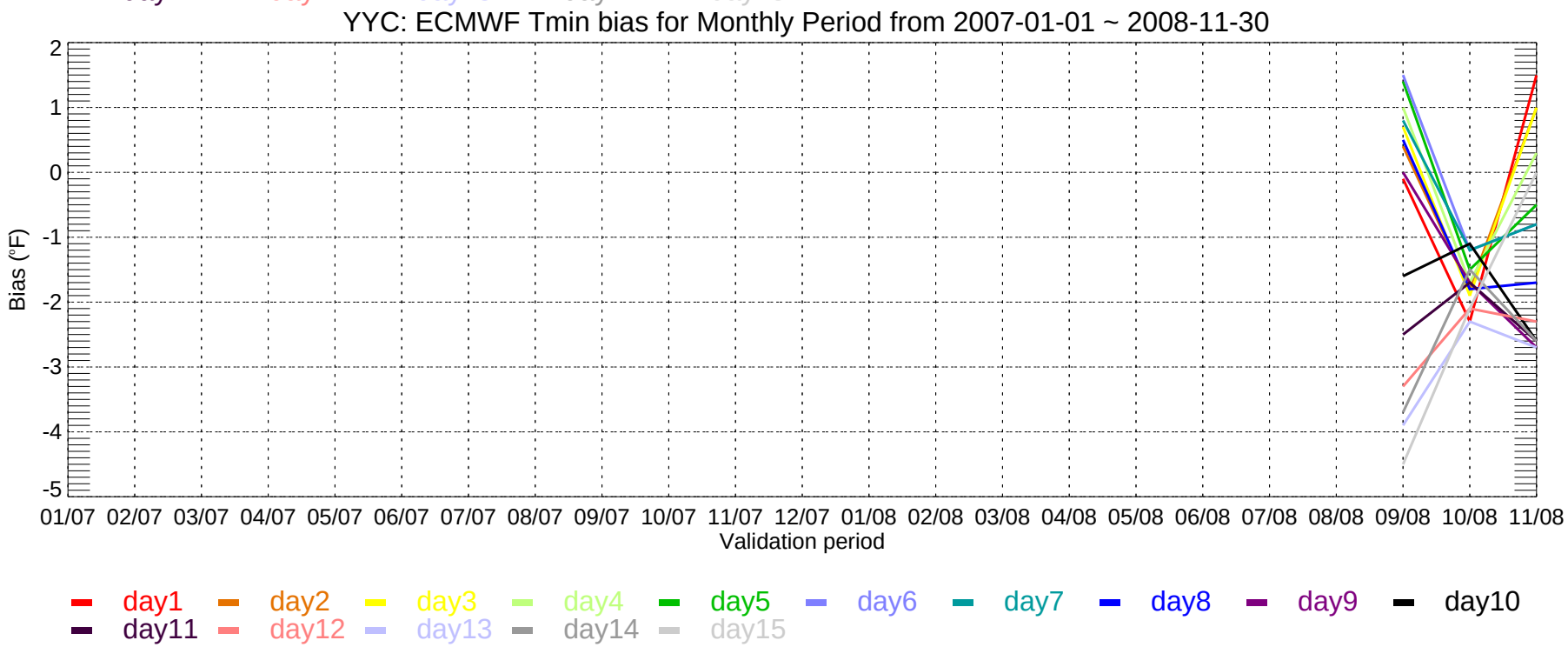

YXD: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

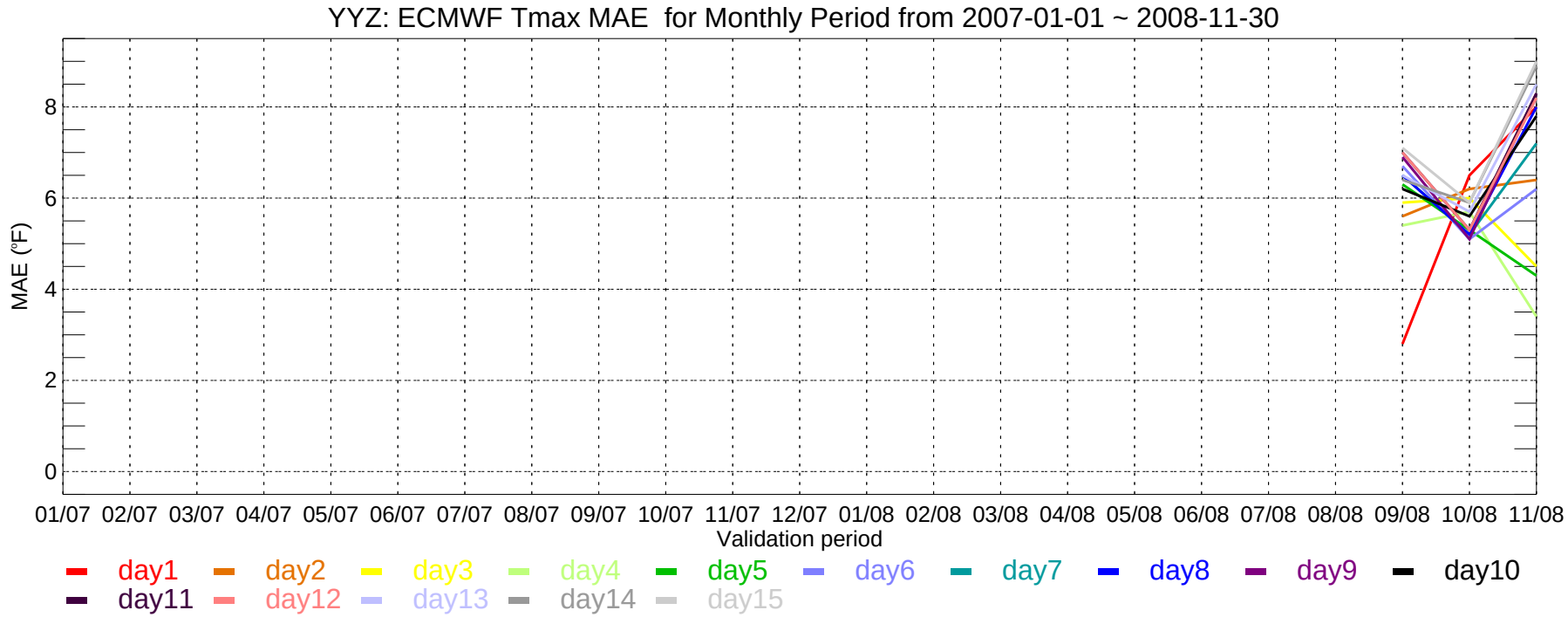

YXD: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
-2
0
2
4
6
8
10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

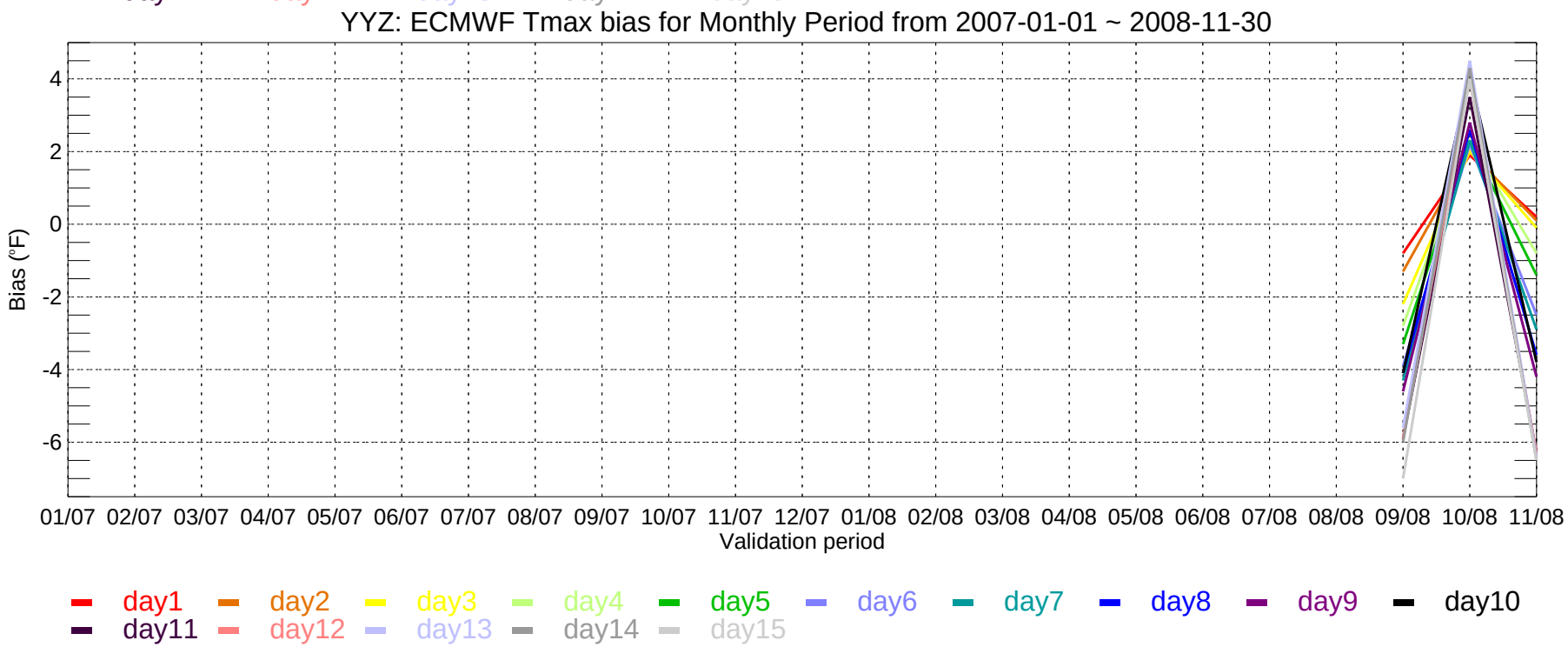

YYC: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

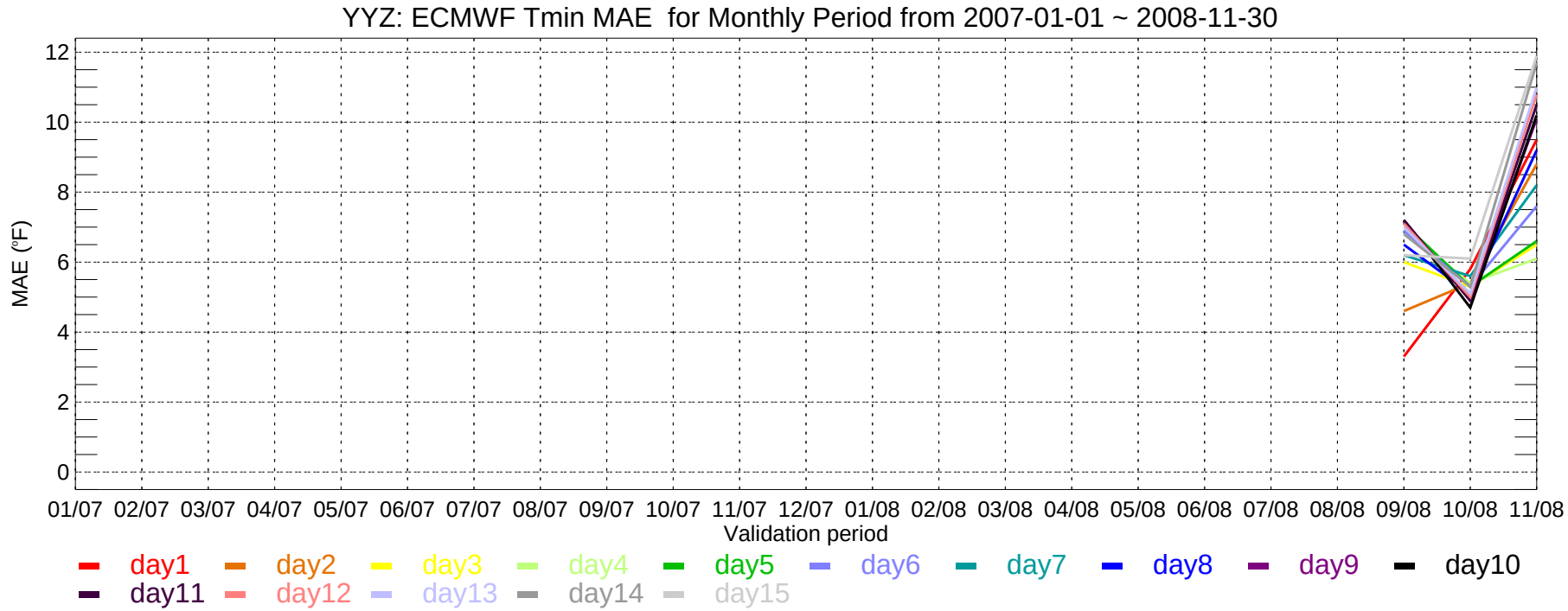

YYC: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

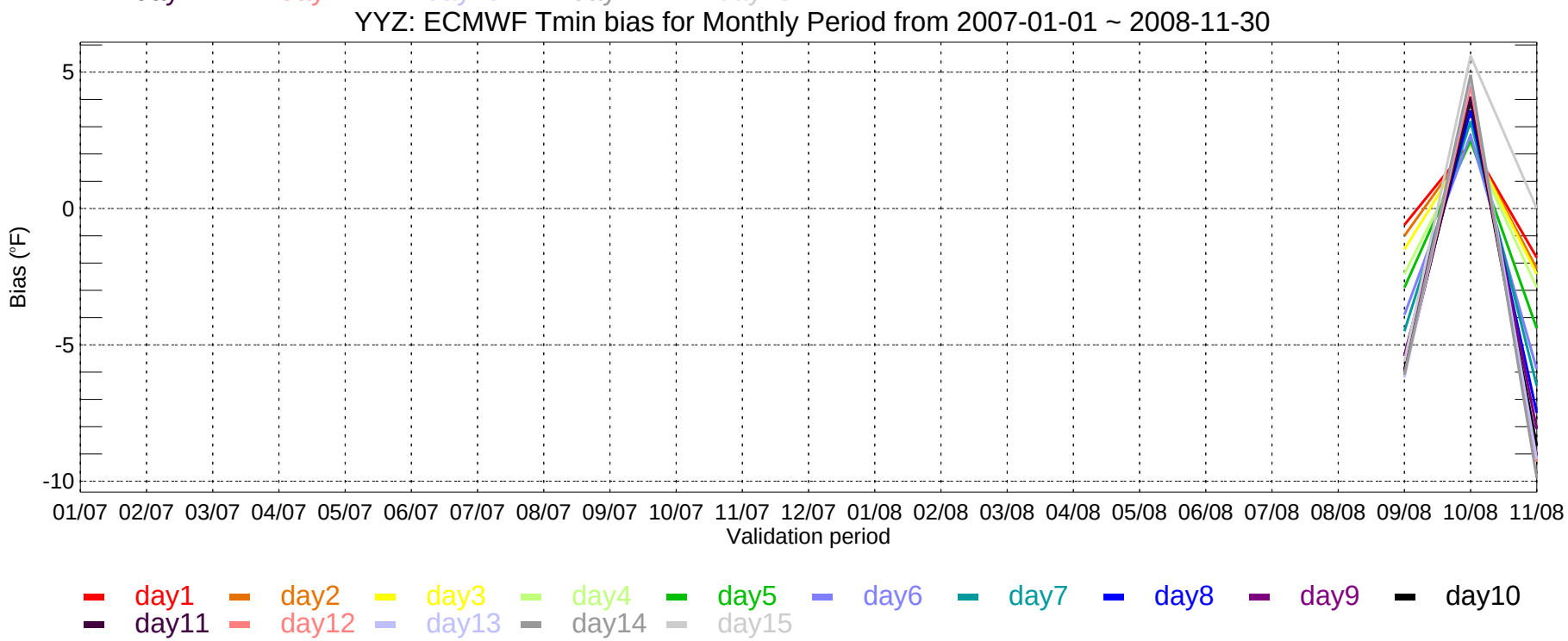

YYC: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

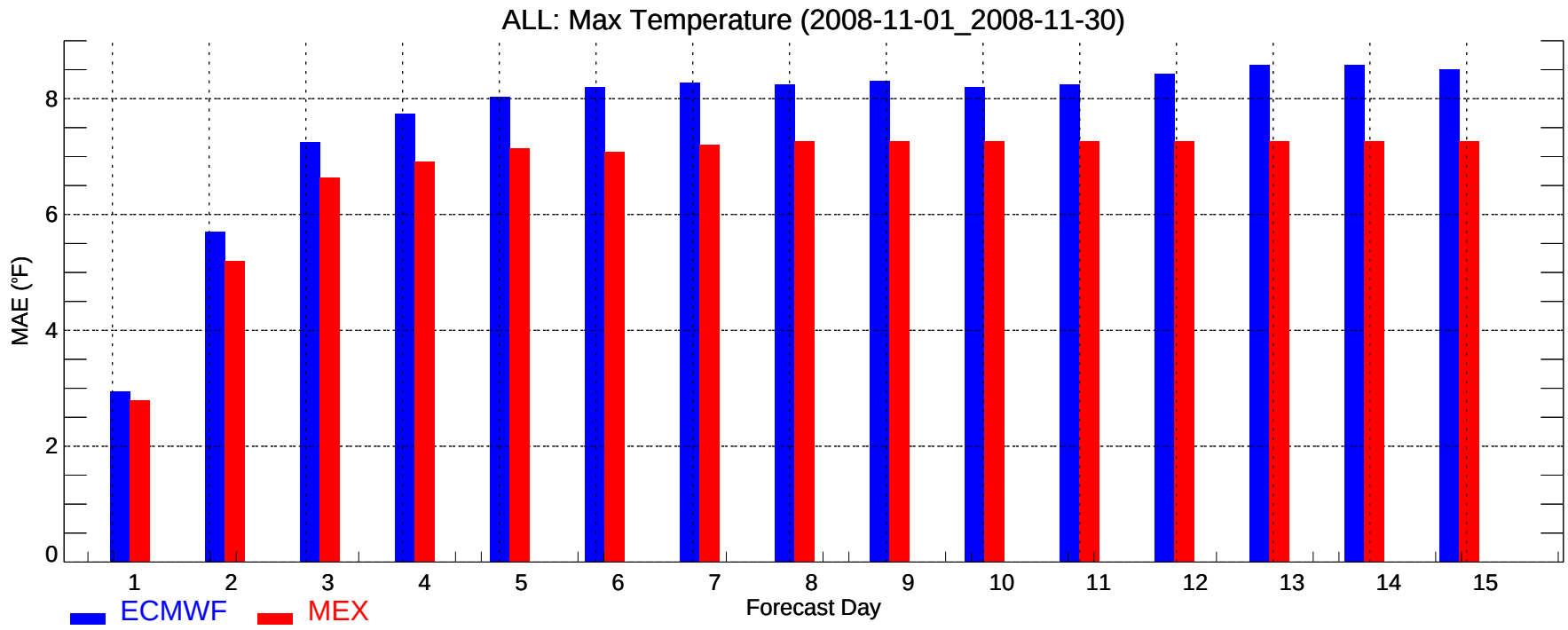

YYC: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

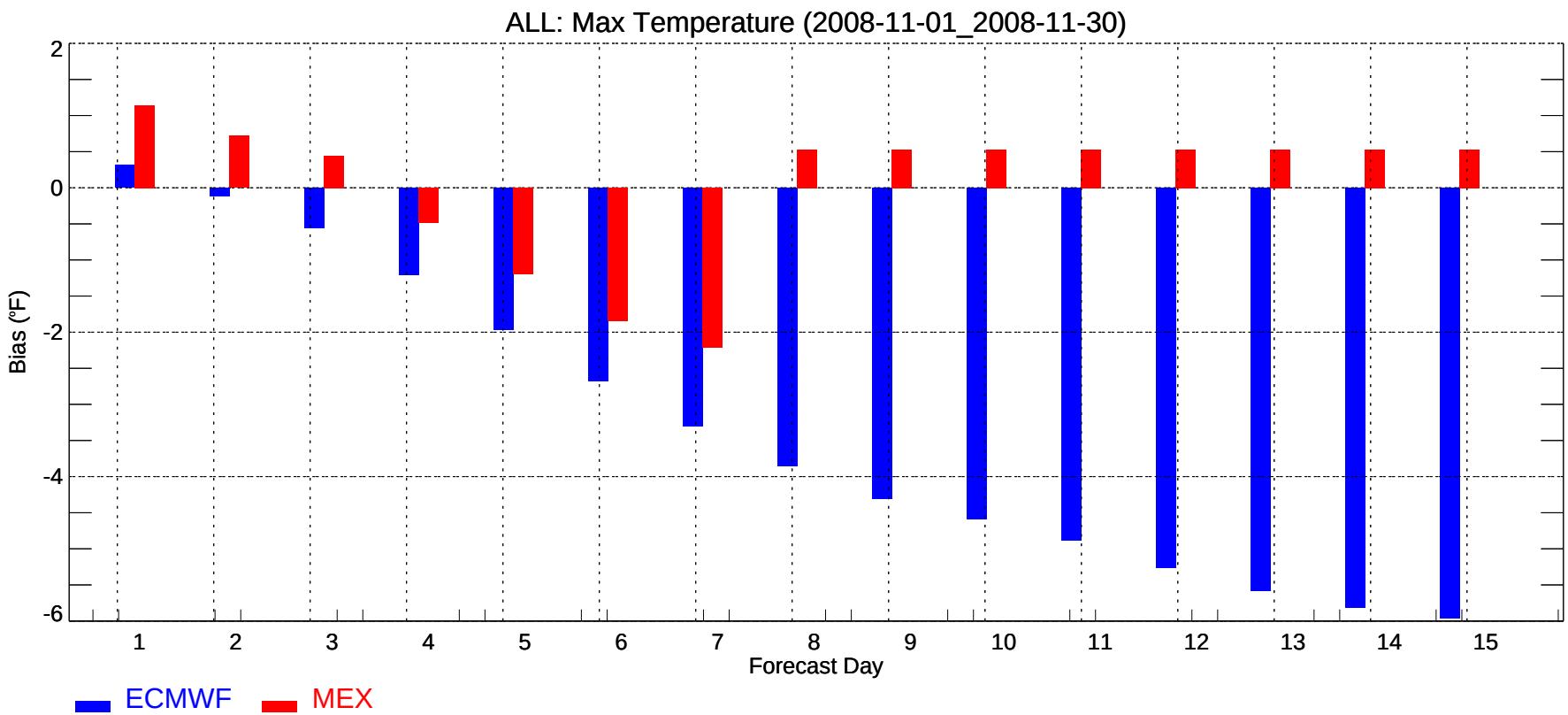

YYZ: ECMWF Tmax MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
0
2
4
6
8
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

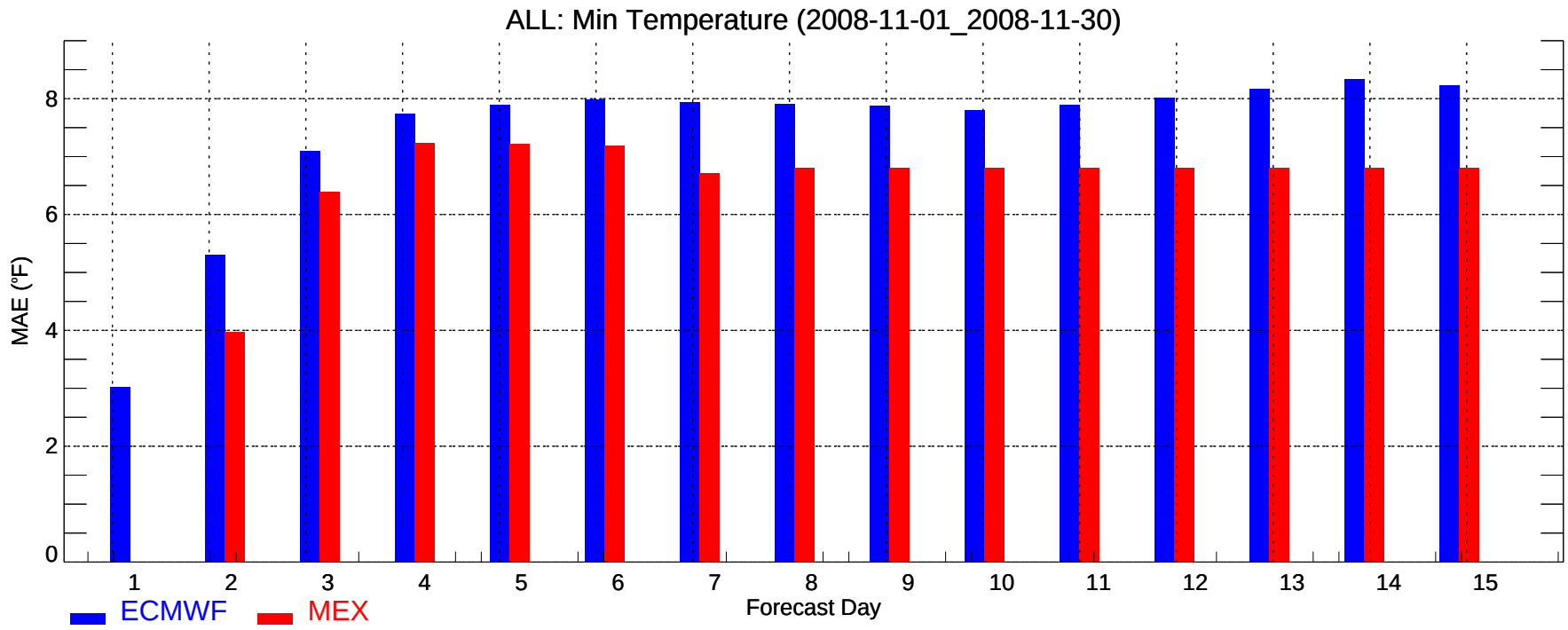

YYZ: ECMWF Tmax bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
4
2
0
-2
-4
-6
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

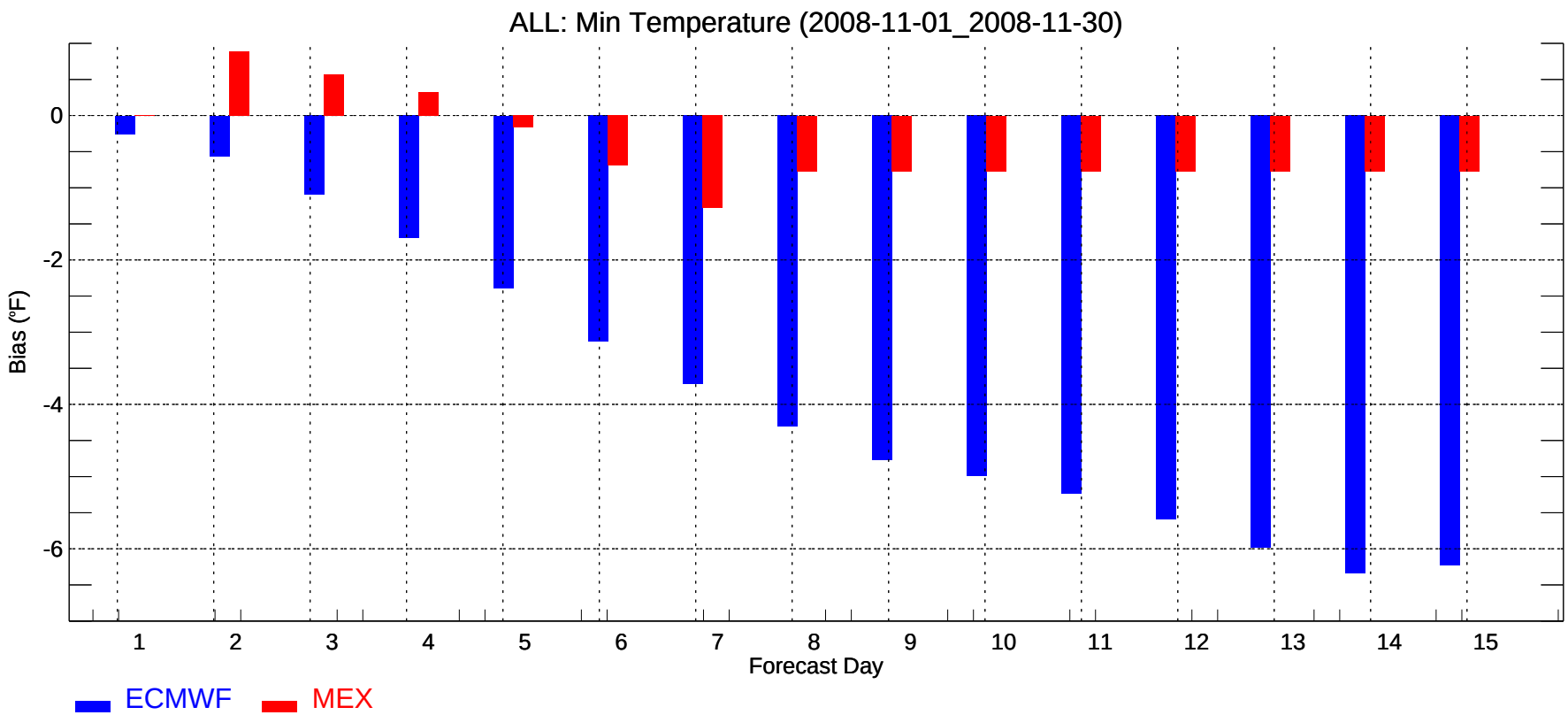

YYZ: ECMWF Tmin MAE for Monthly Period from 2007-01-01 ~ 2008-11-30
MAE (°F)
12
10
8
6
4
2
0
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

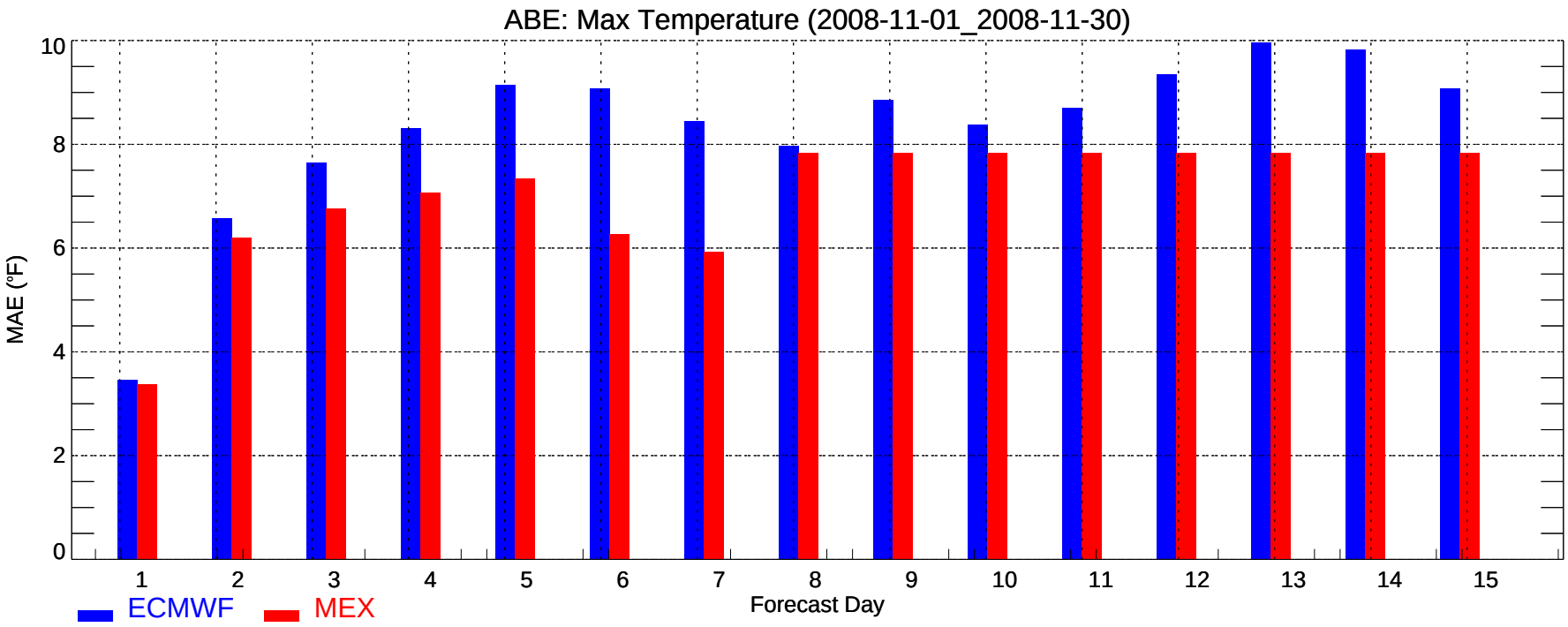

YYZ: ECMWF Tmin bias for Monthly Period from 2007-01-01 ~ 2008-11-30
Bias (°F)
5
0
-5
-10
01/07 02/07 03/07 04/07 05/07 06/07 07/07 08/07 09/07 10/07 11/07 12/07 01/08 02/08 03/08 04/08 05/08 06/08 07/08 08/08 09/08 10/08 11/08
Validation period
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
day11 day12 day13 day14 day15

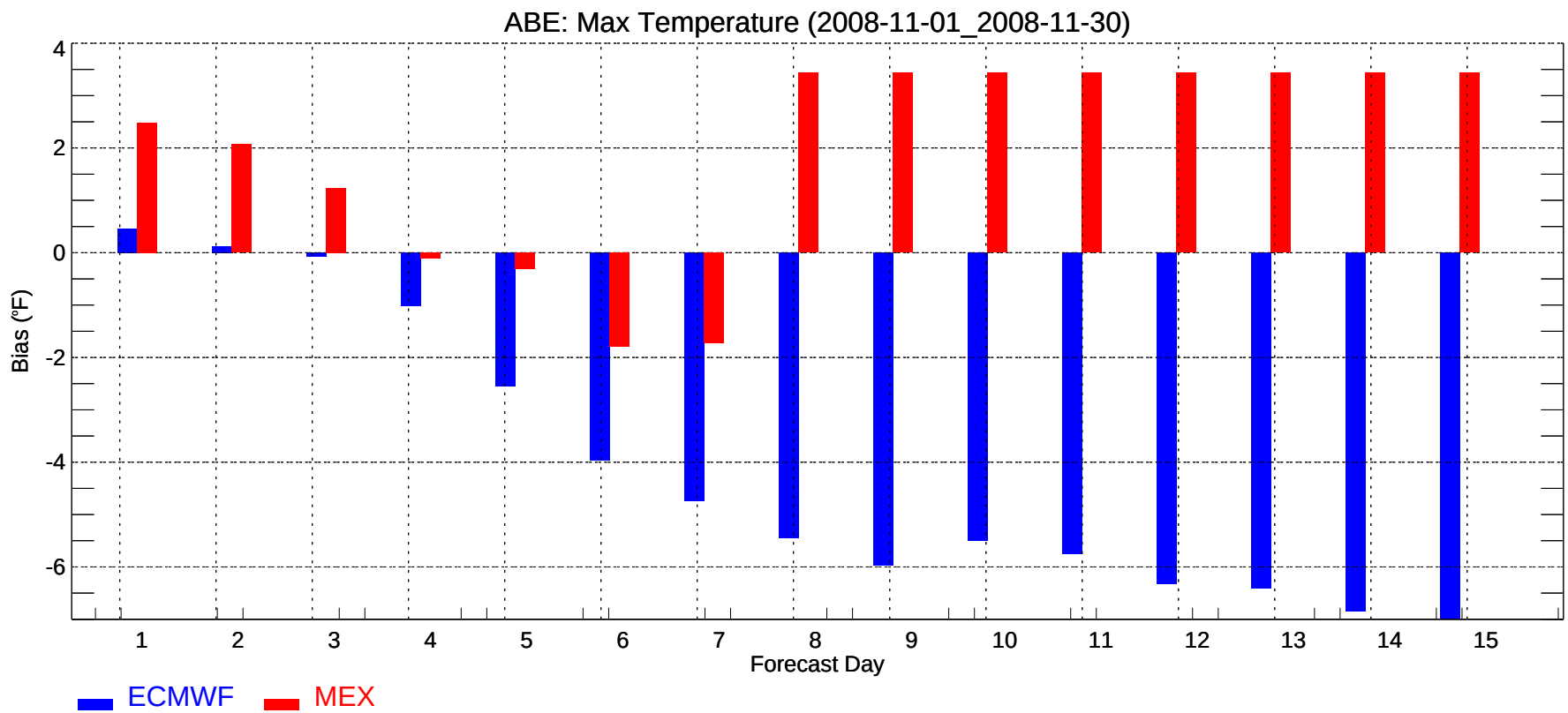

ALL: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

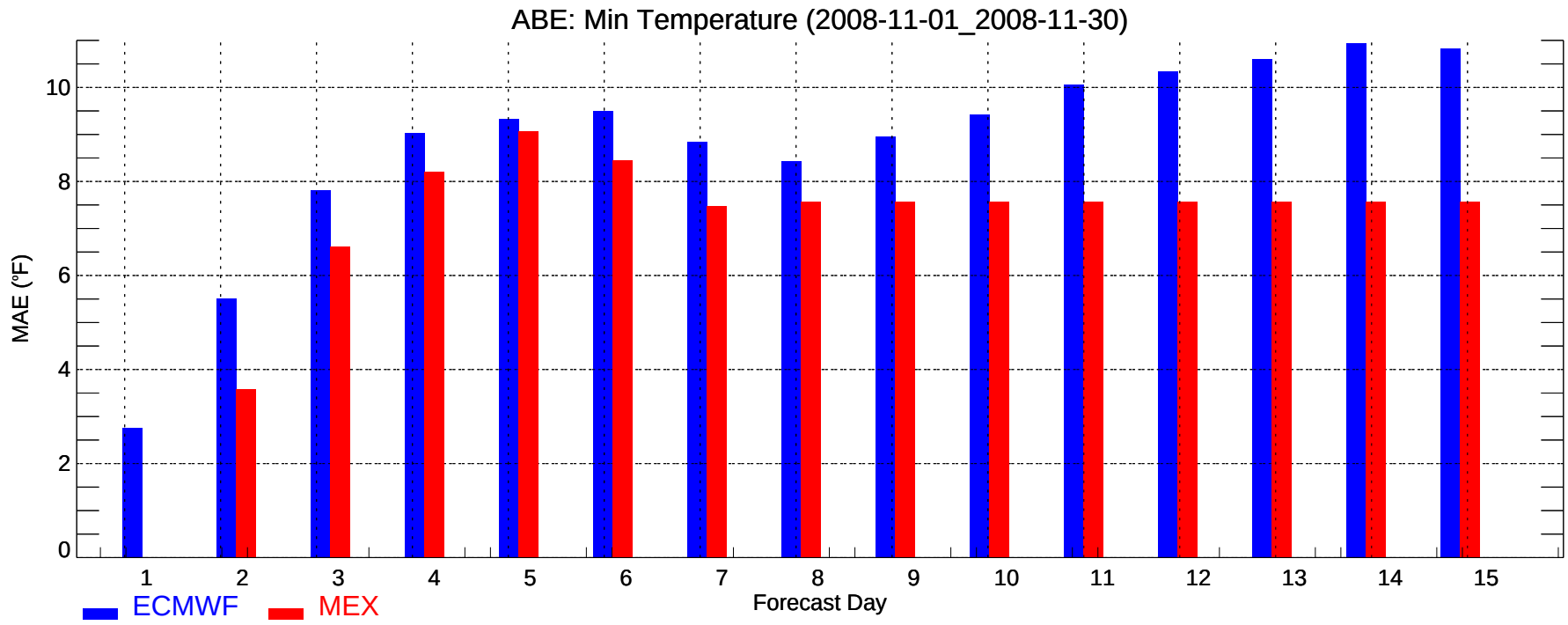

ALL: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

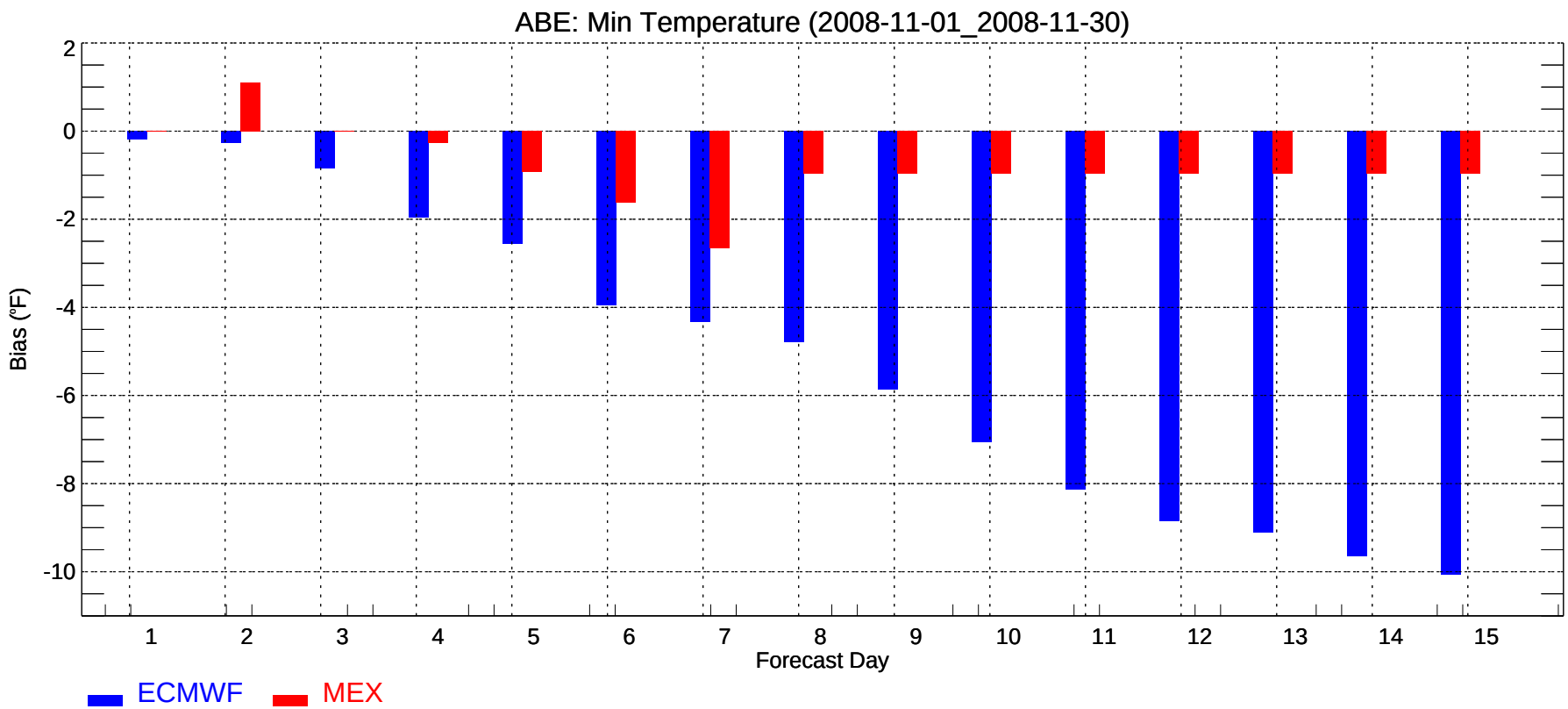

ALL: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

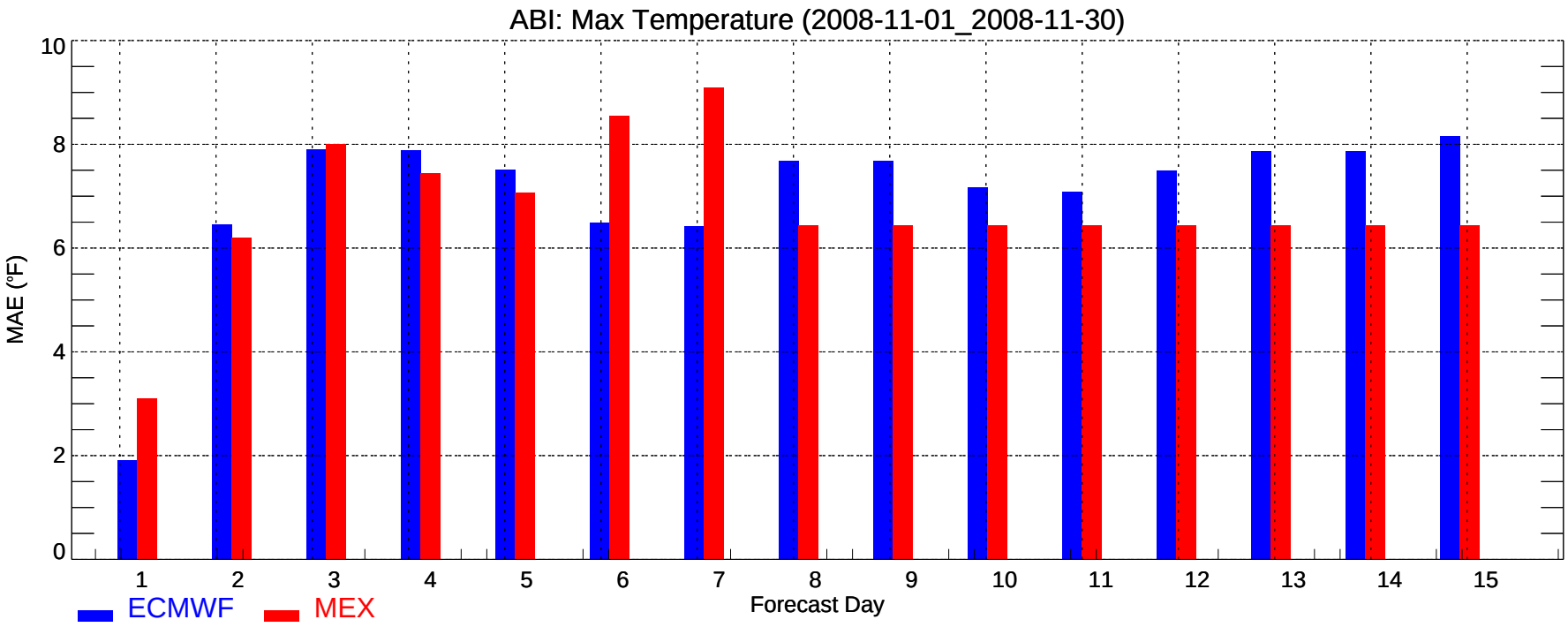

ALL: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


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


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


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


ABI: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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10
11
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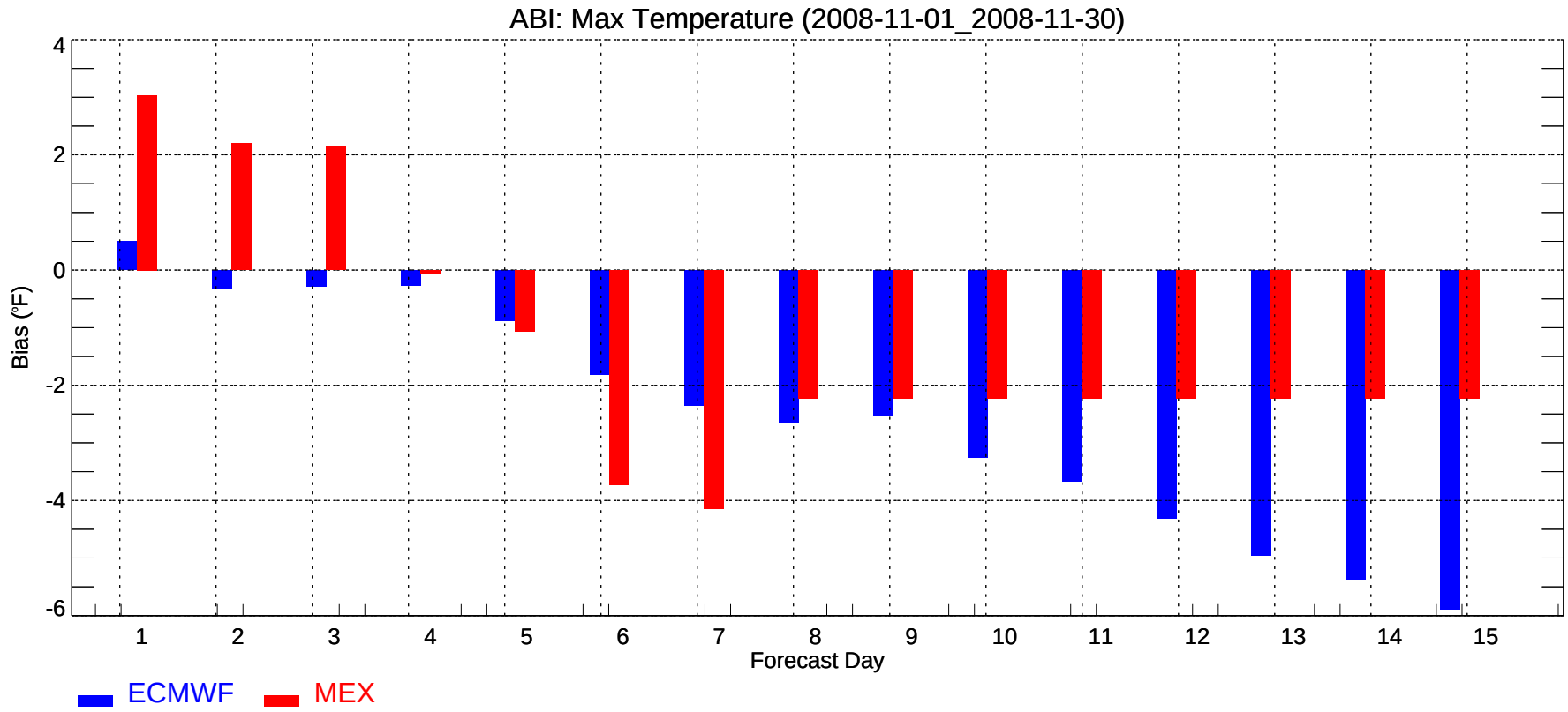
13
14
15
Forecast Day
ECMWF
MEX


ABI: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
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6
7
8
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12
13
14
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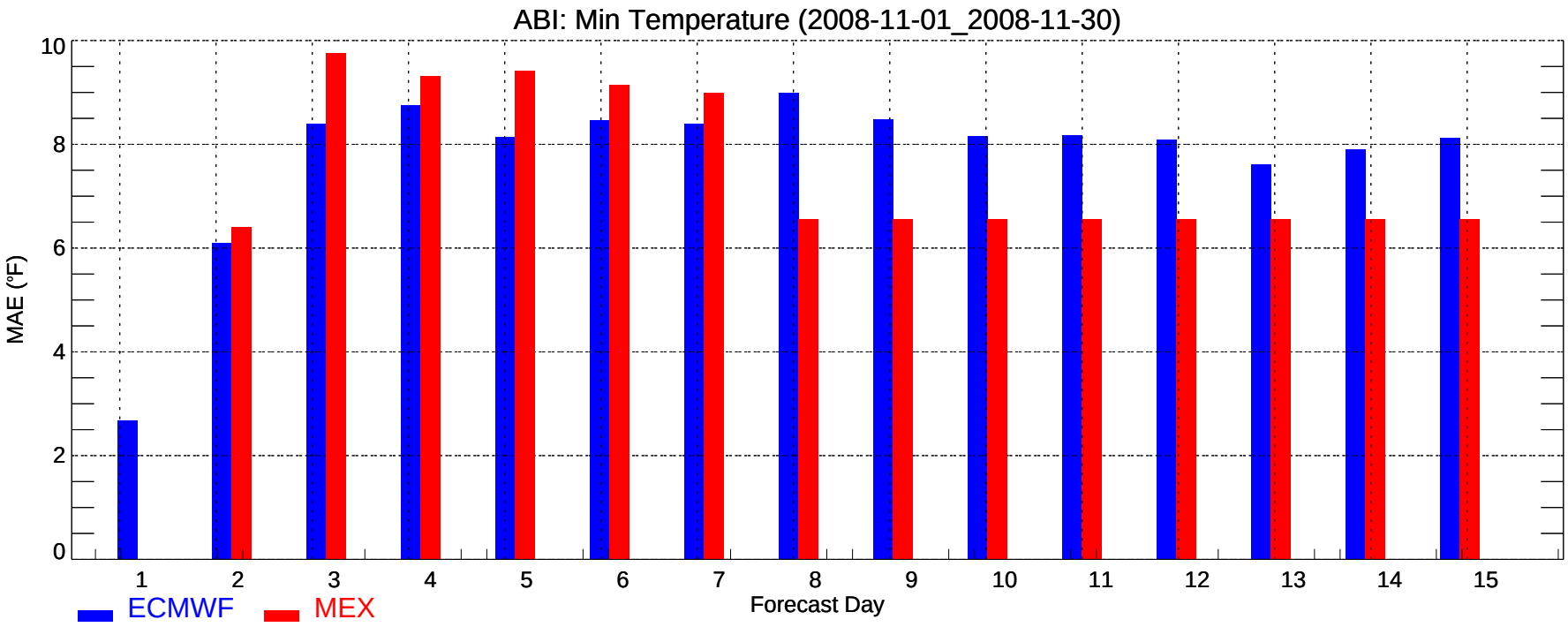
Forecast Day
ECMWF
MEX


ABI: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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1
2
3
4
5
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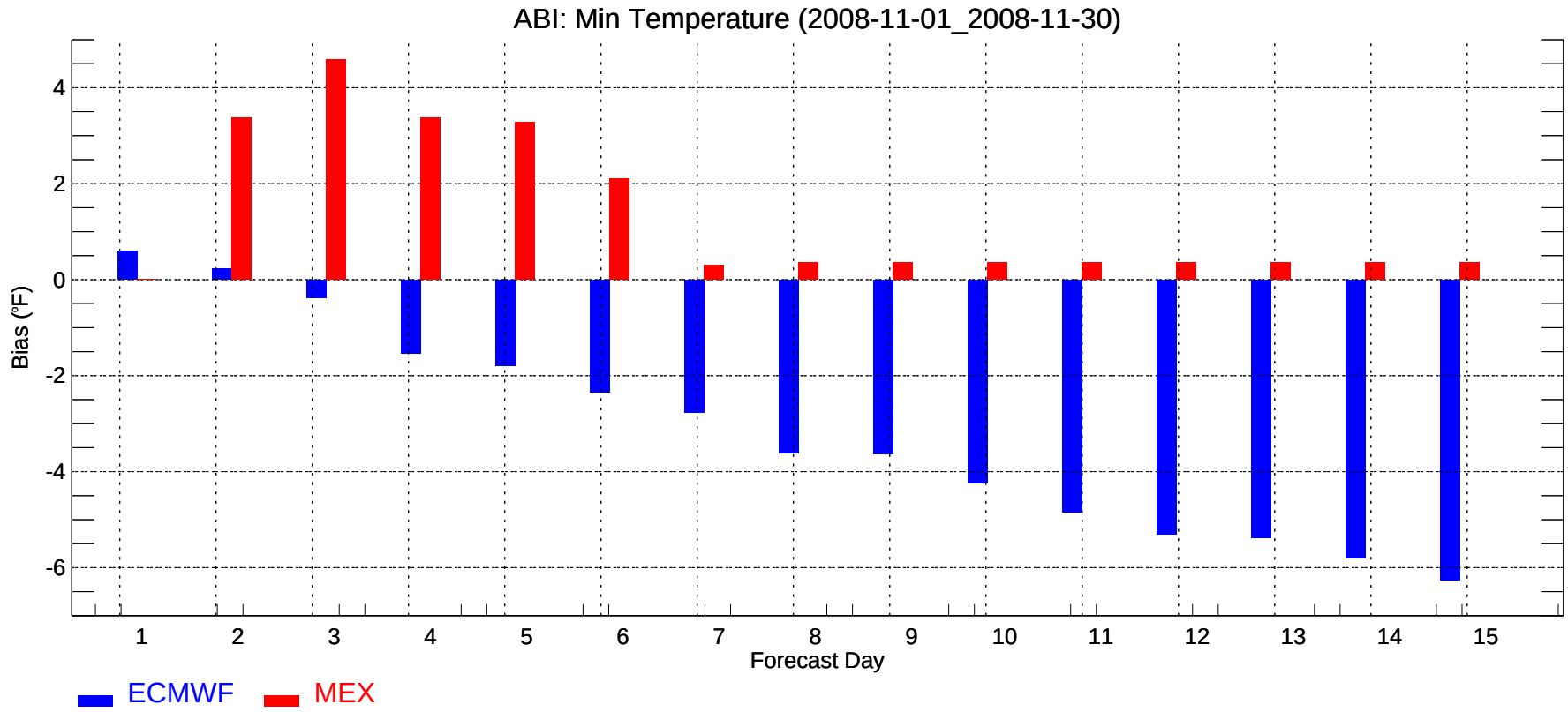
13
14
15
Forecast Day
ECMWF
MEX


ABI: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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2
0
-2
-4
-6
1
2
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14
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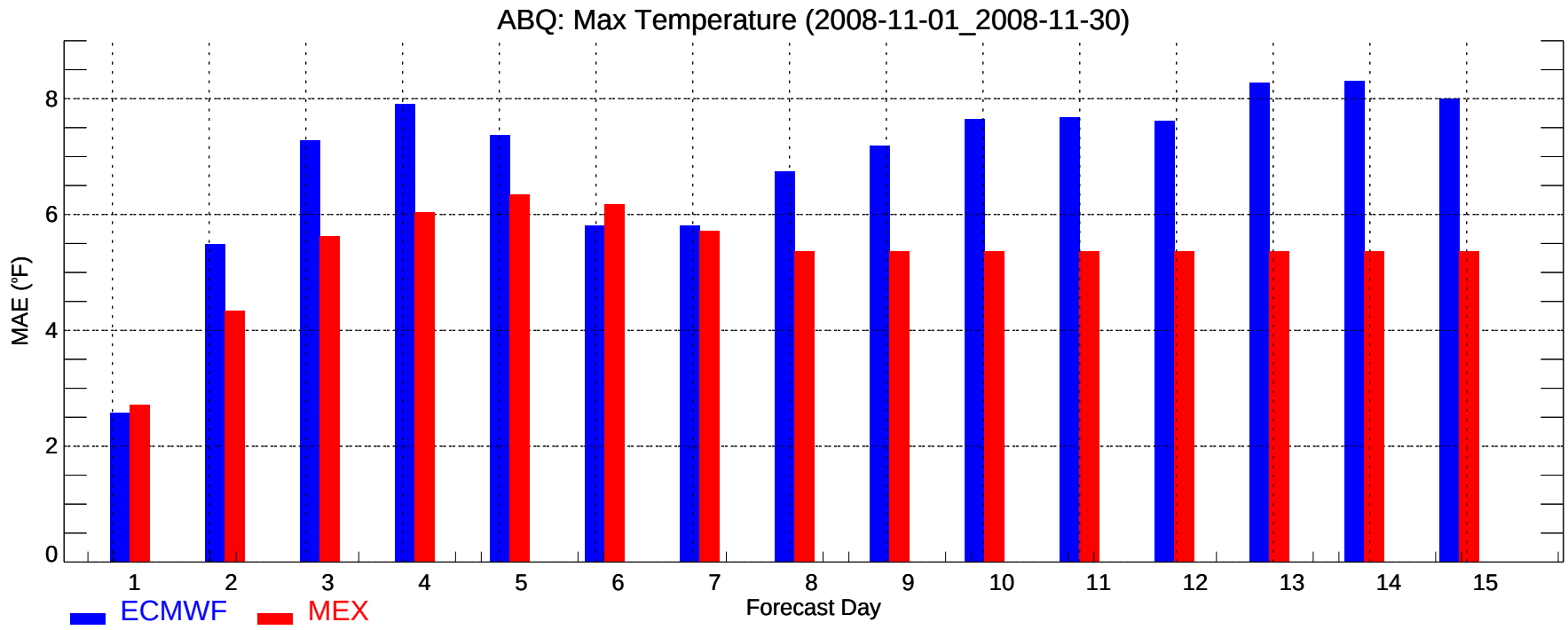
Forecast Day
ECMWF
MEX


ABQ: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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4
6
8
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2
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8
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13
14
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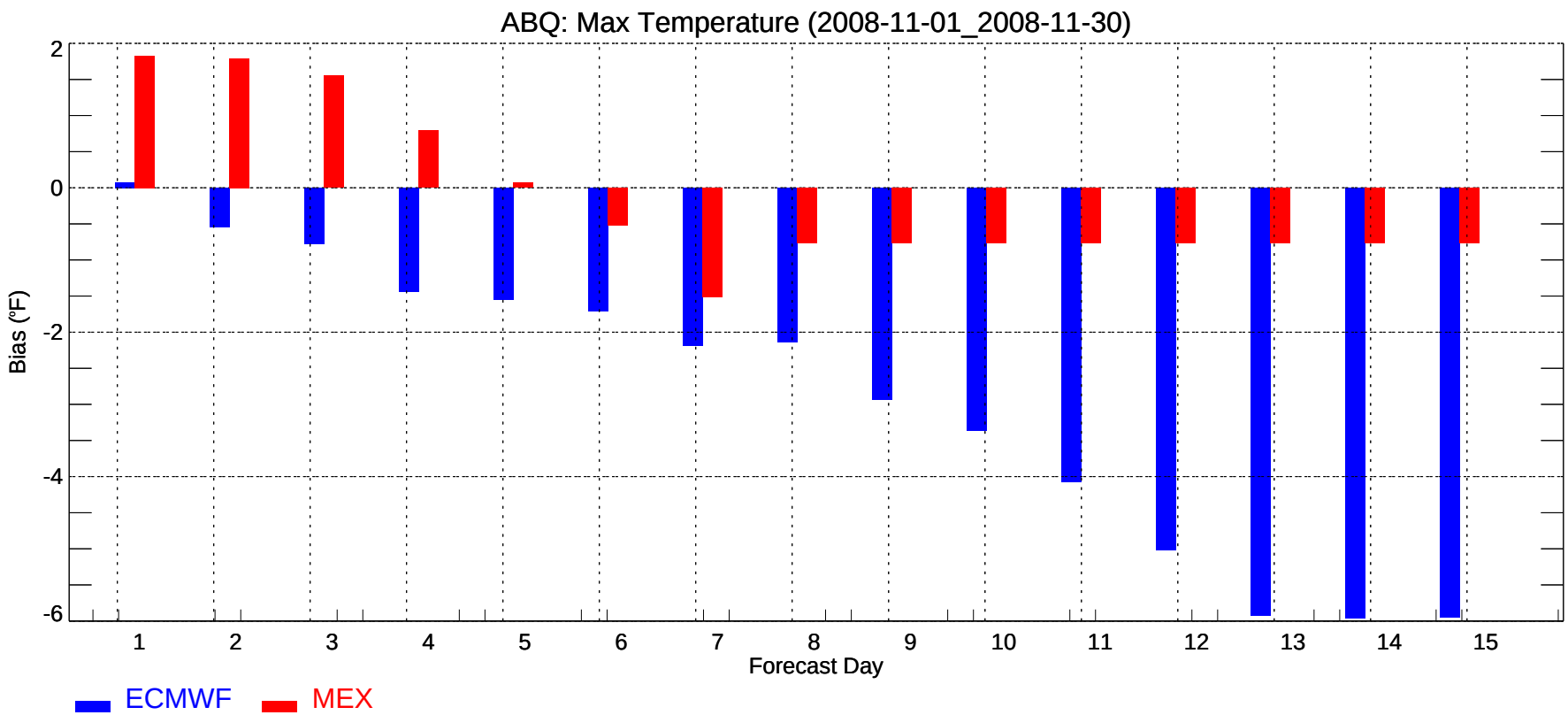
Forecast Day
ECMWF
MEX


ABQ: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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0
-2
-4
-6
1
2
3
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14
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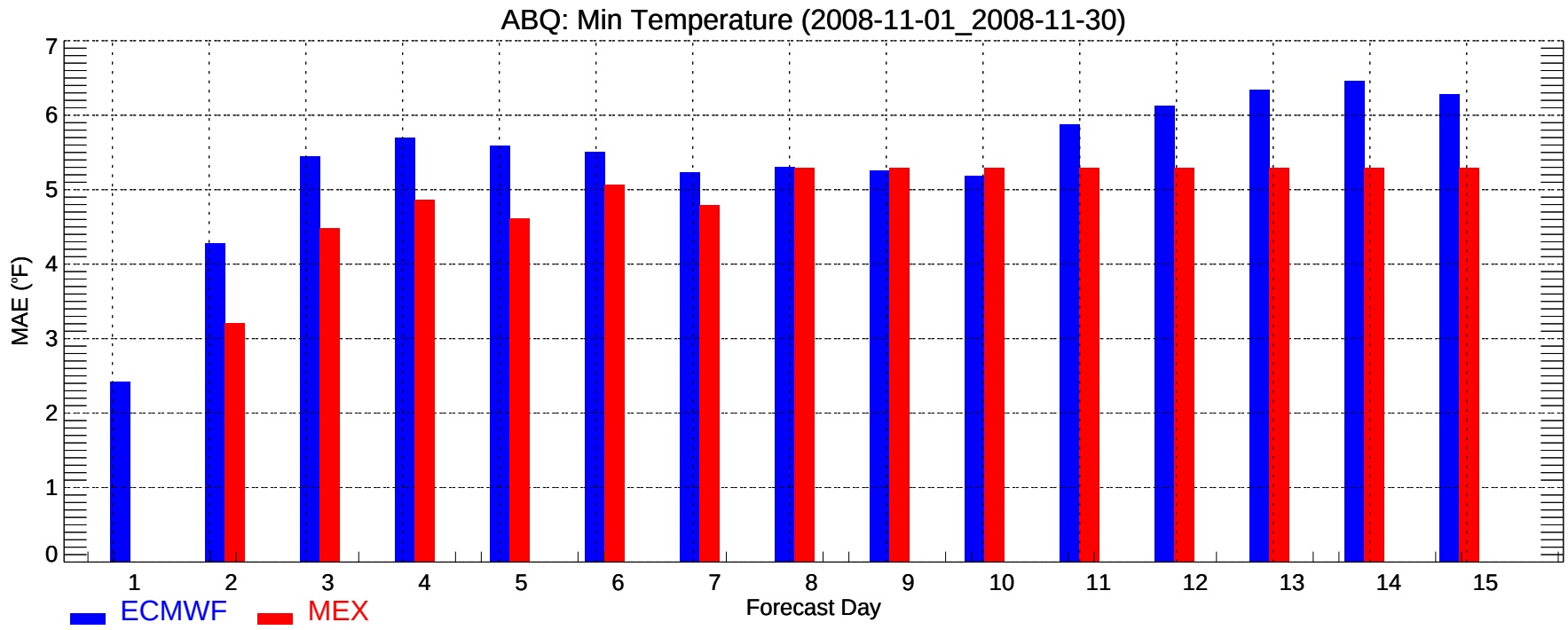
Forecast Day
ECMWF
MEX


ABQ: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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13
14
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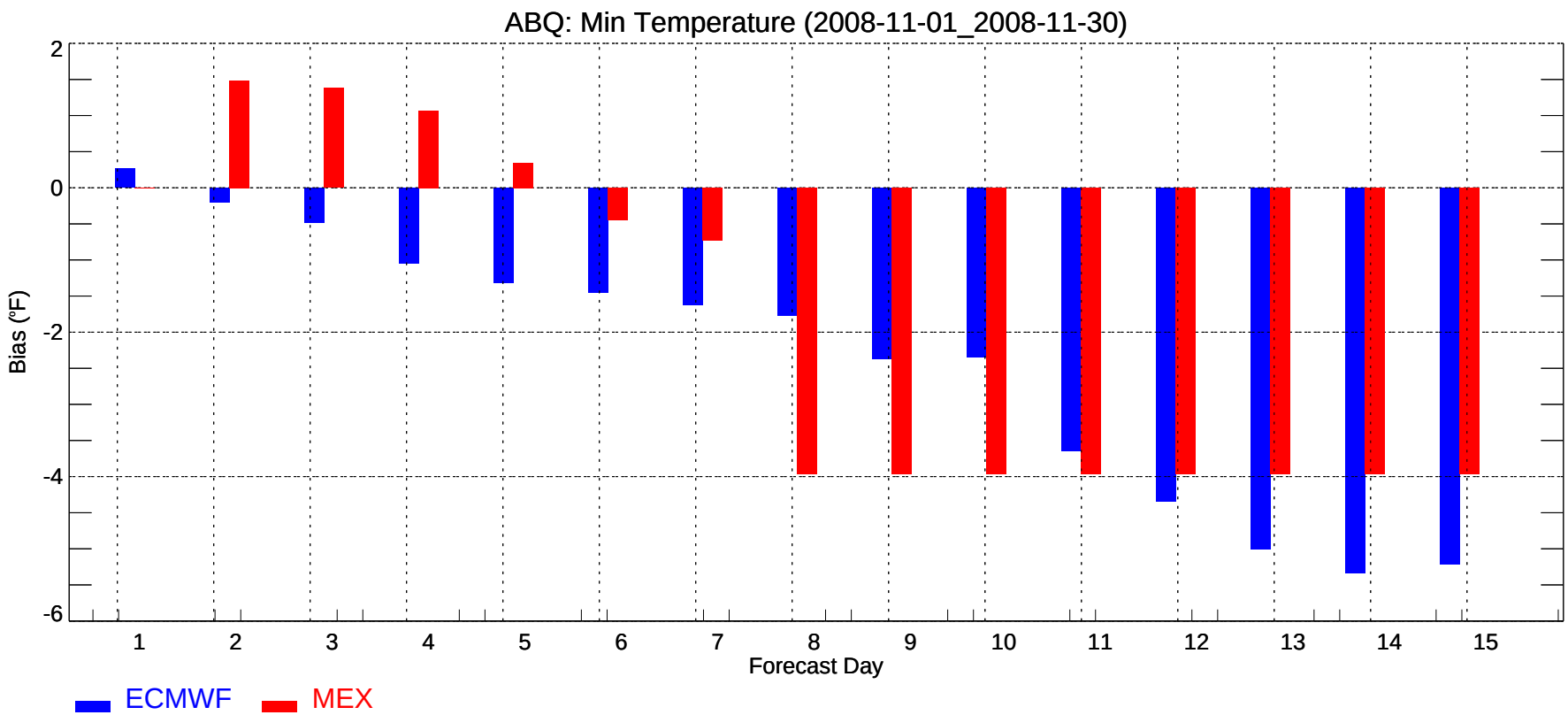
Forecast Day
ECMWF
MEX


ABQ: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
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14
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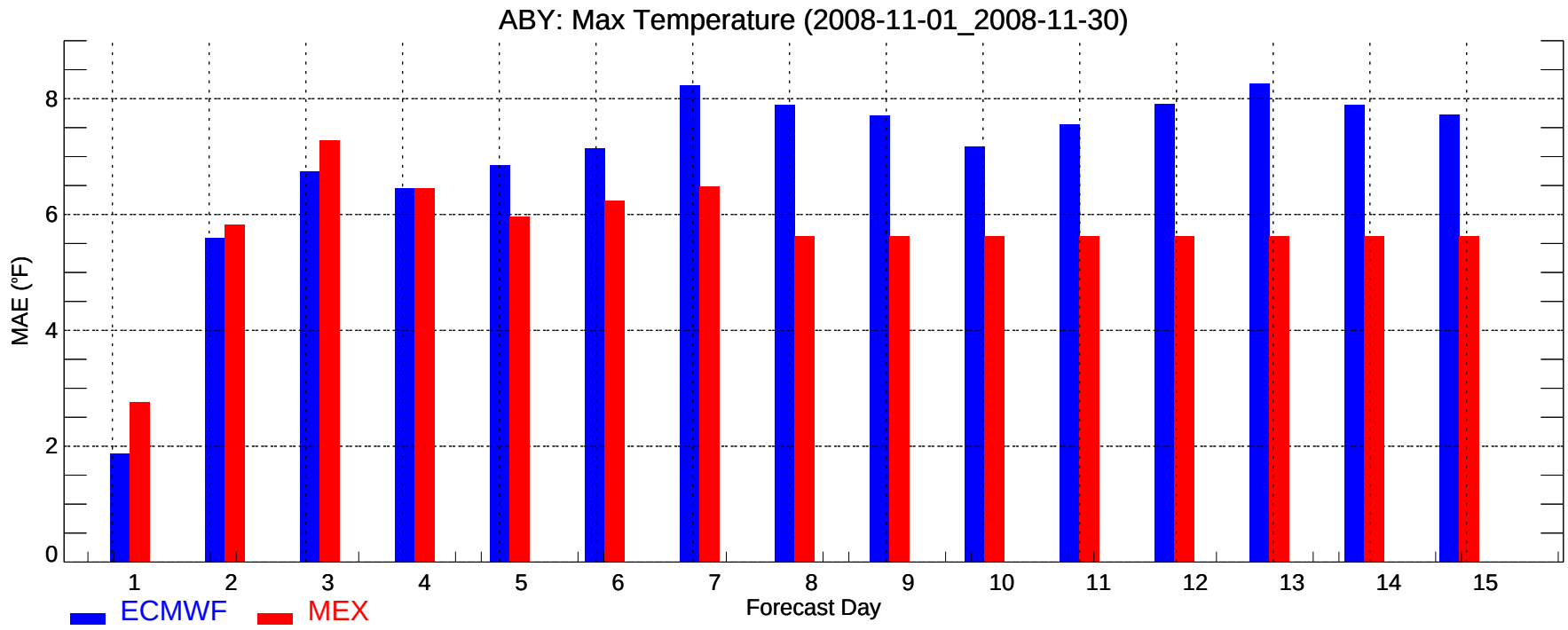
Forecast Day
ECMWF
MEX


ABY: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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6
7
8
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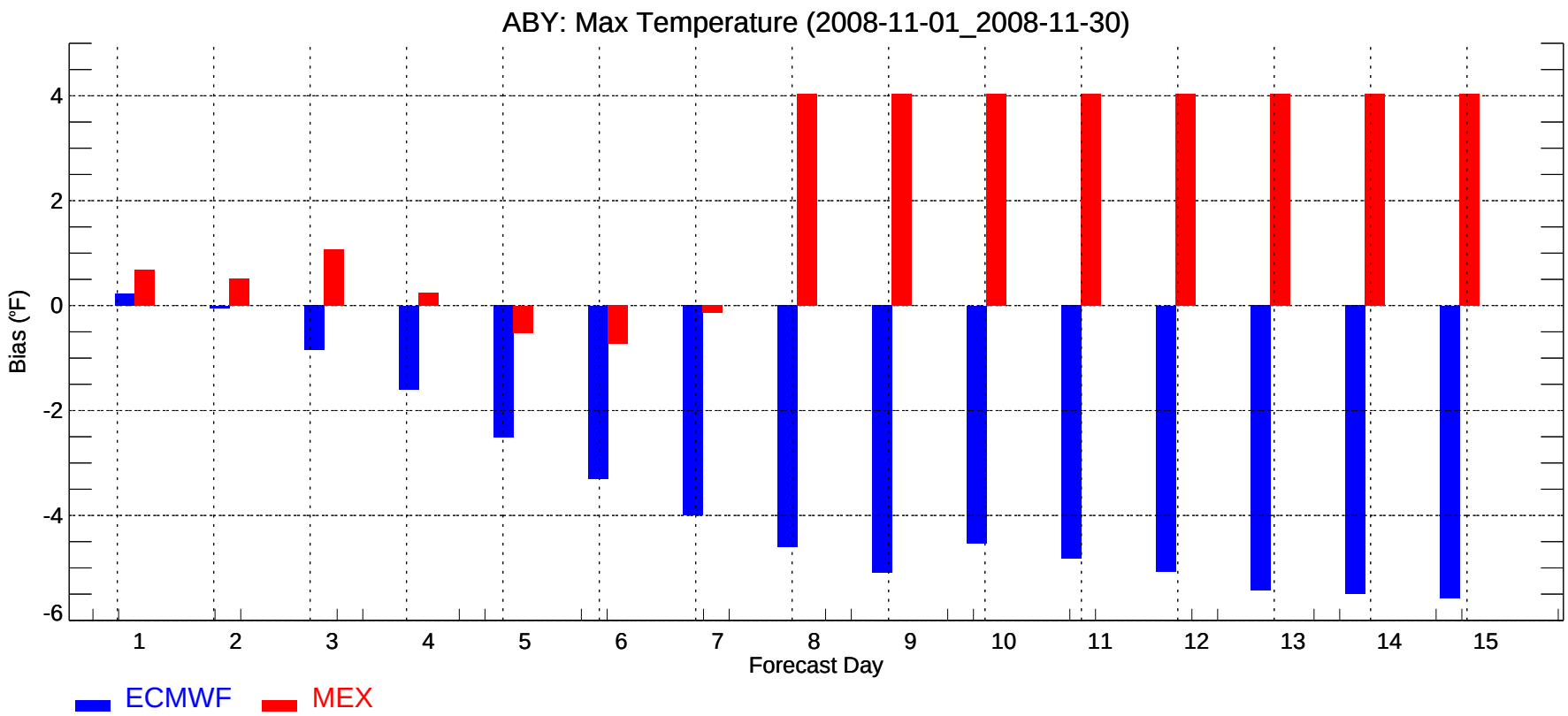
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABY: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
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5
6
7
8
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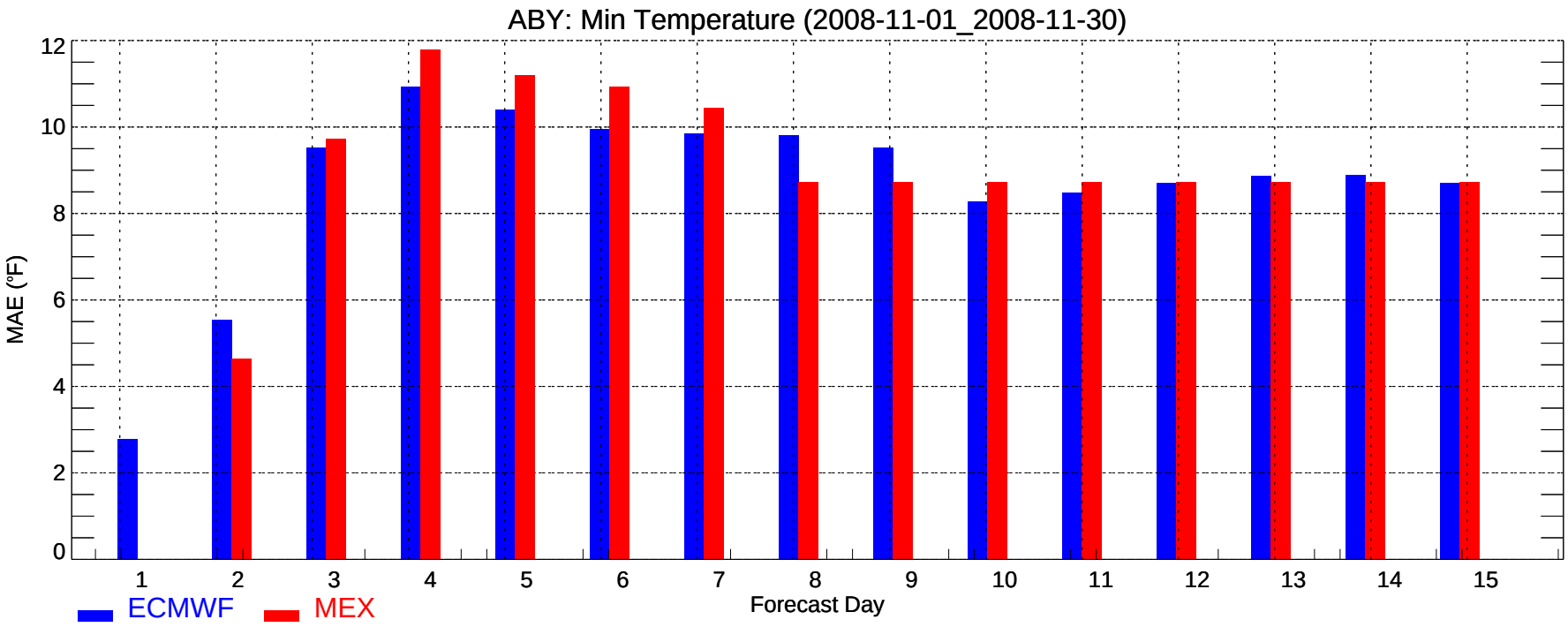
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ABY: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
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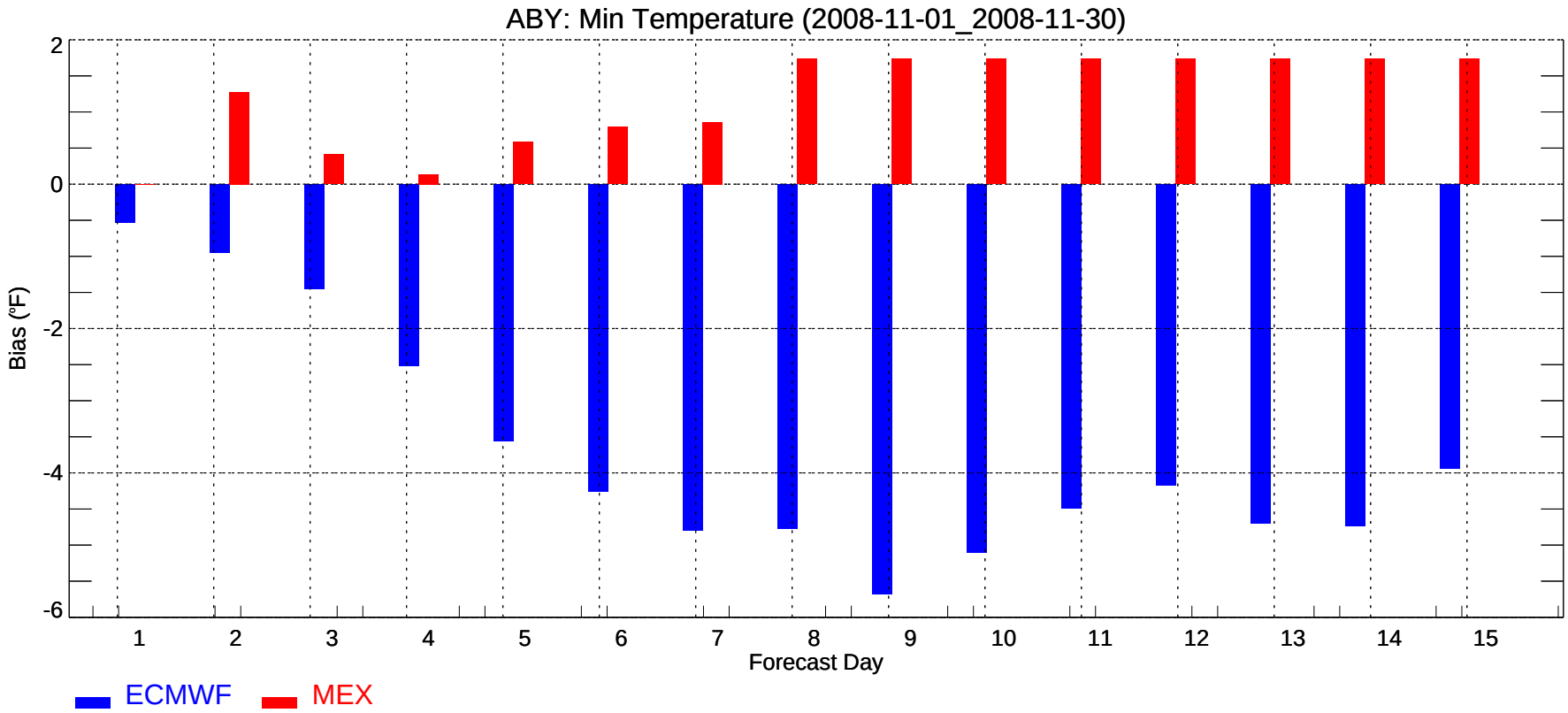
12
13
14
15
Forecast Day
ECMWF
MEX


ABY: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
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2
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6
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13
14
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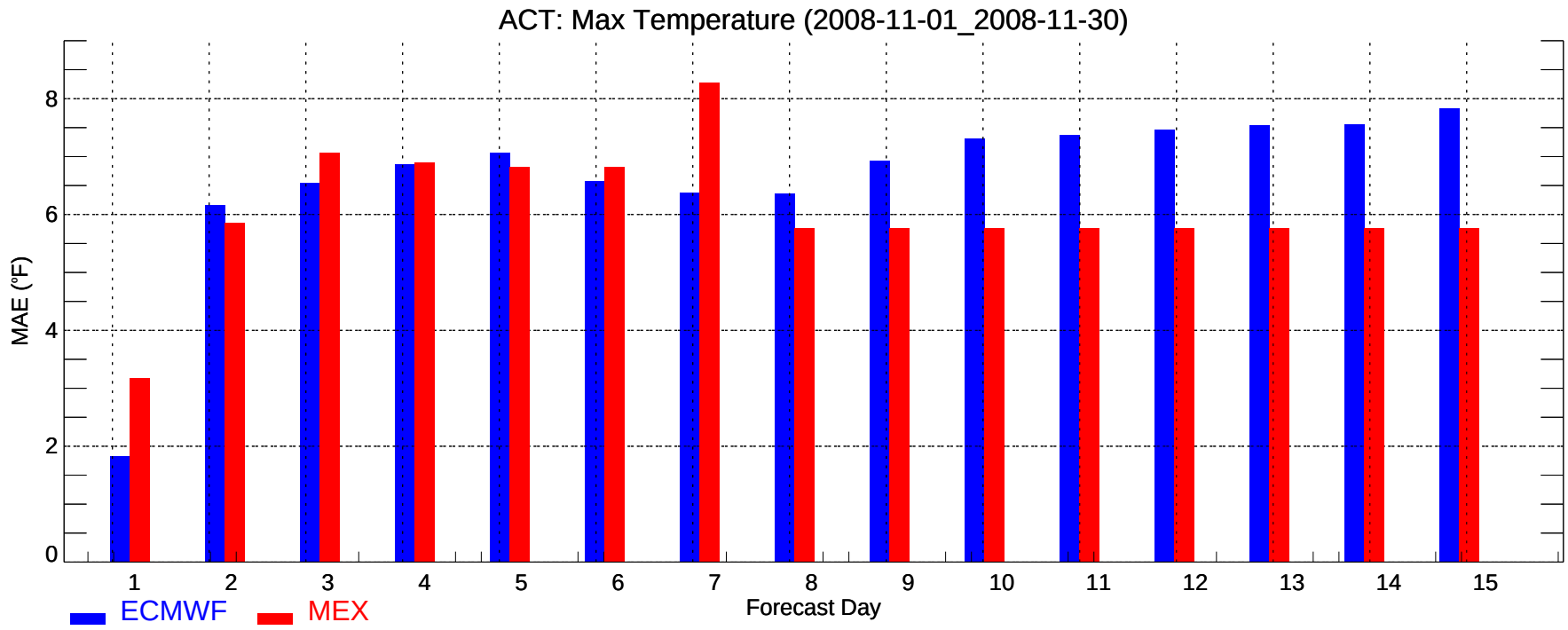
Forecast Day
ECMWF
MEX


ACT: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
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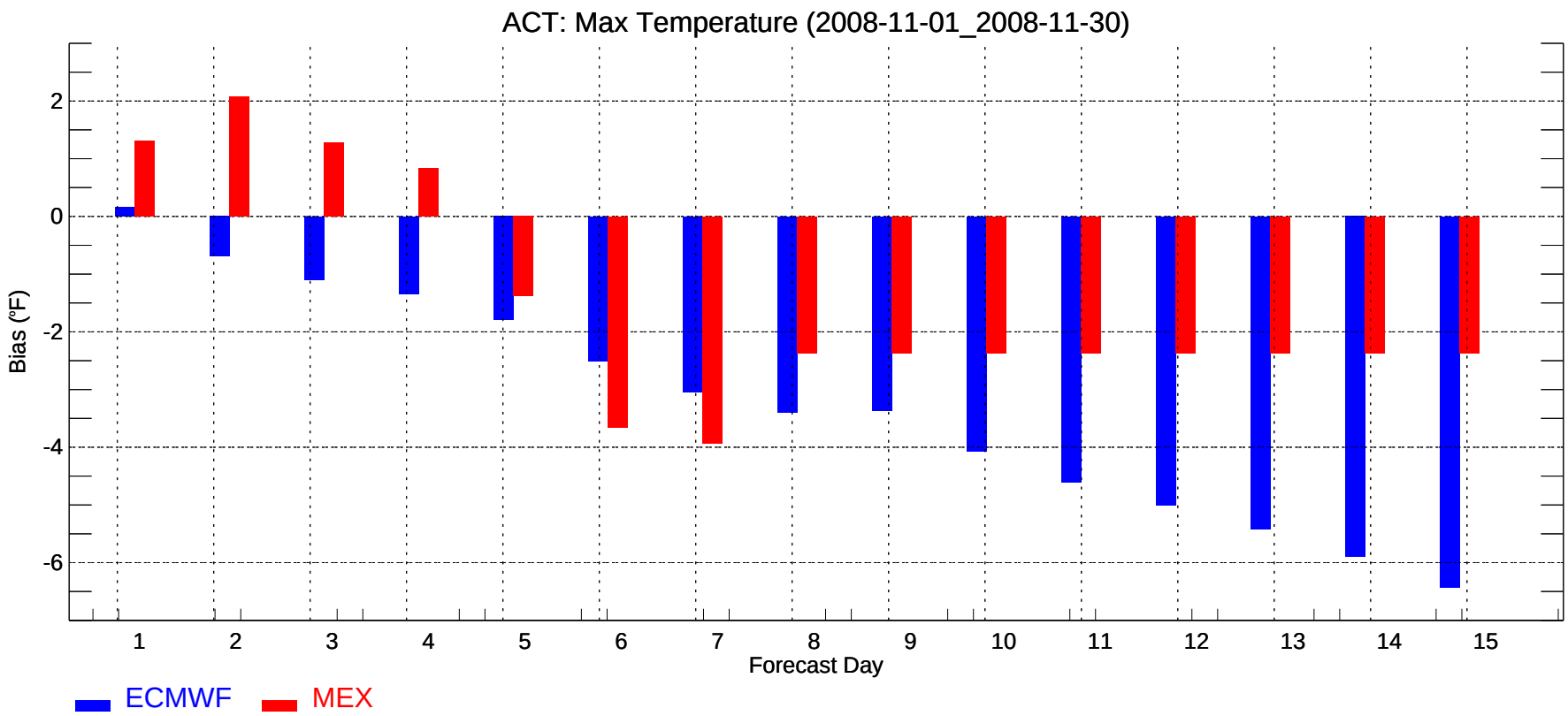
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ACT: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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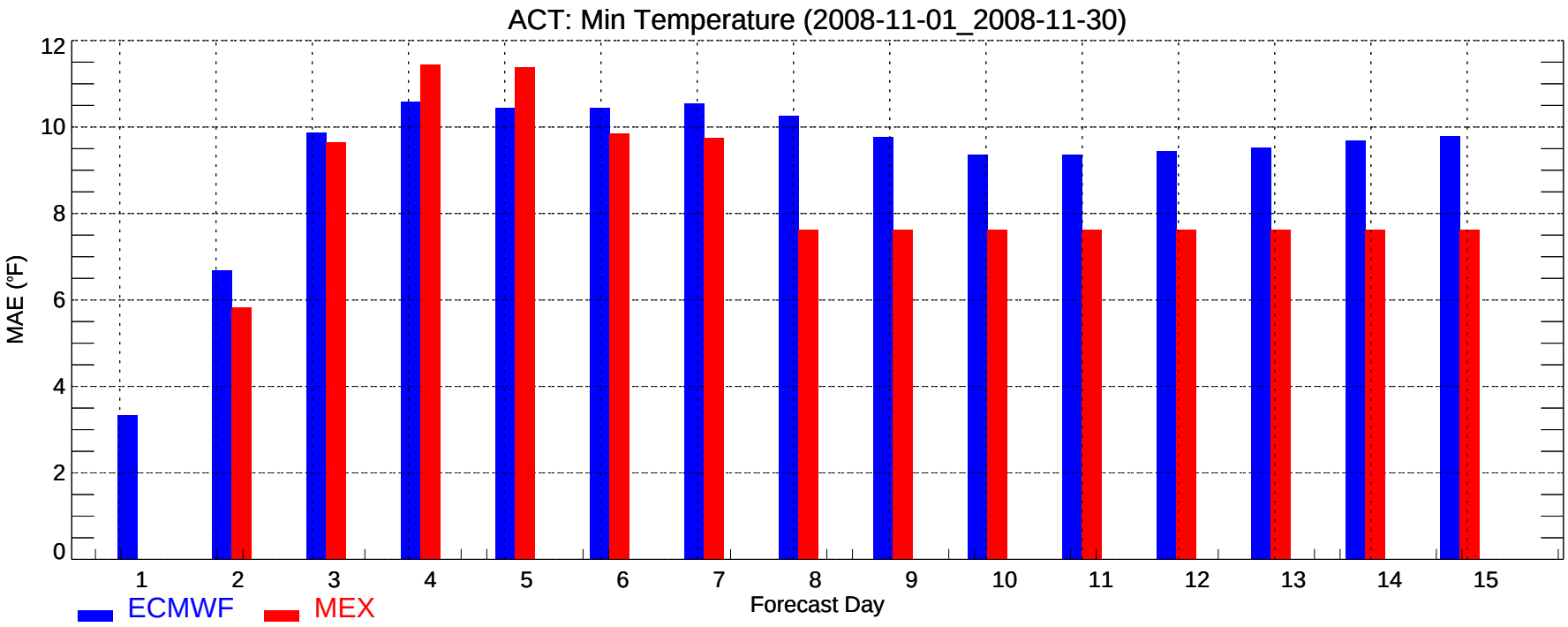
14
15
Forecast Day
ECMWF
MEX


ACT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
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1
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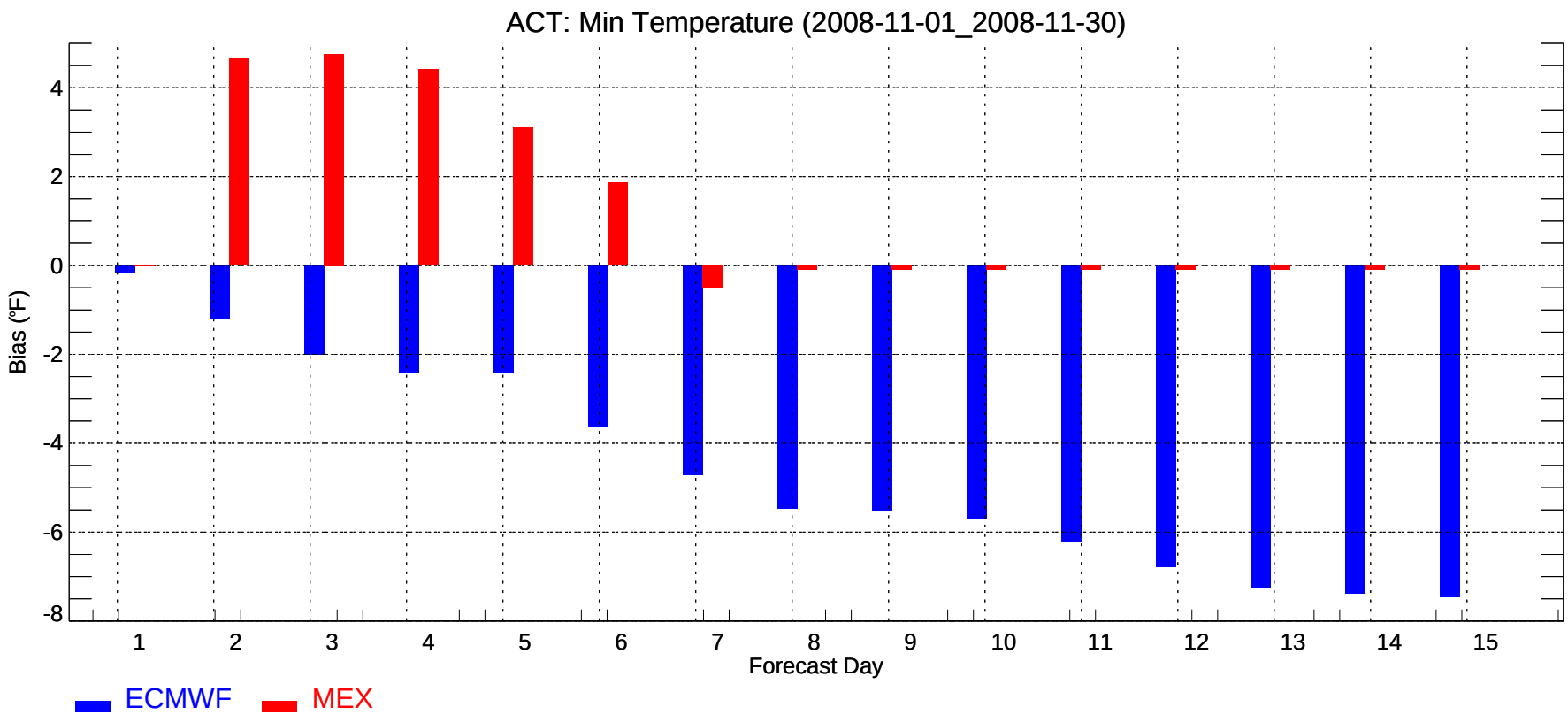
Forecast Day
ECMWF
MEX


ACT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
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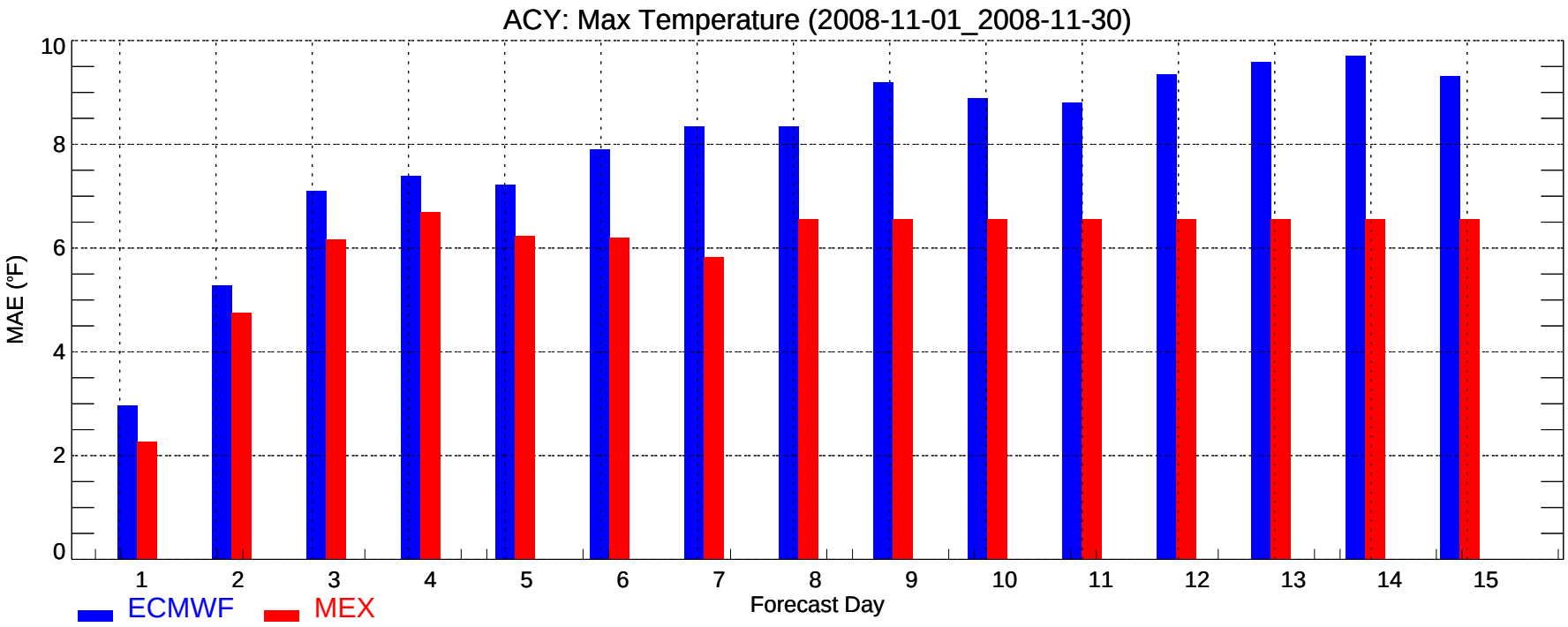
Forecast Day
ECMWF
MEX


ACY: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
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5
6
7
8
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13
14
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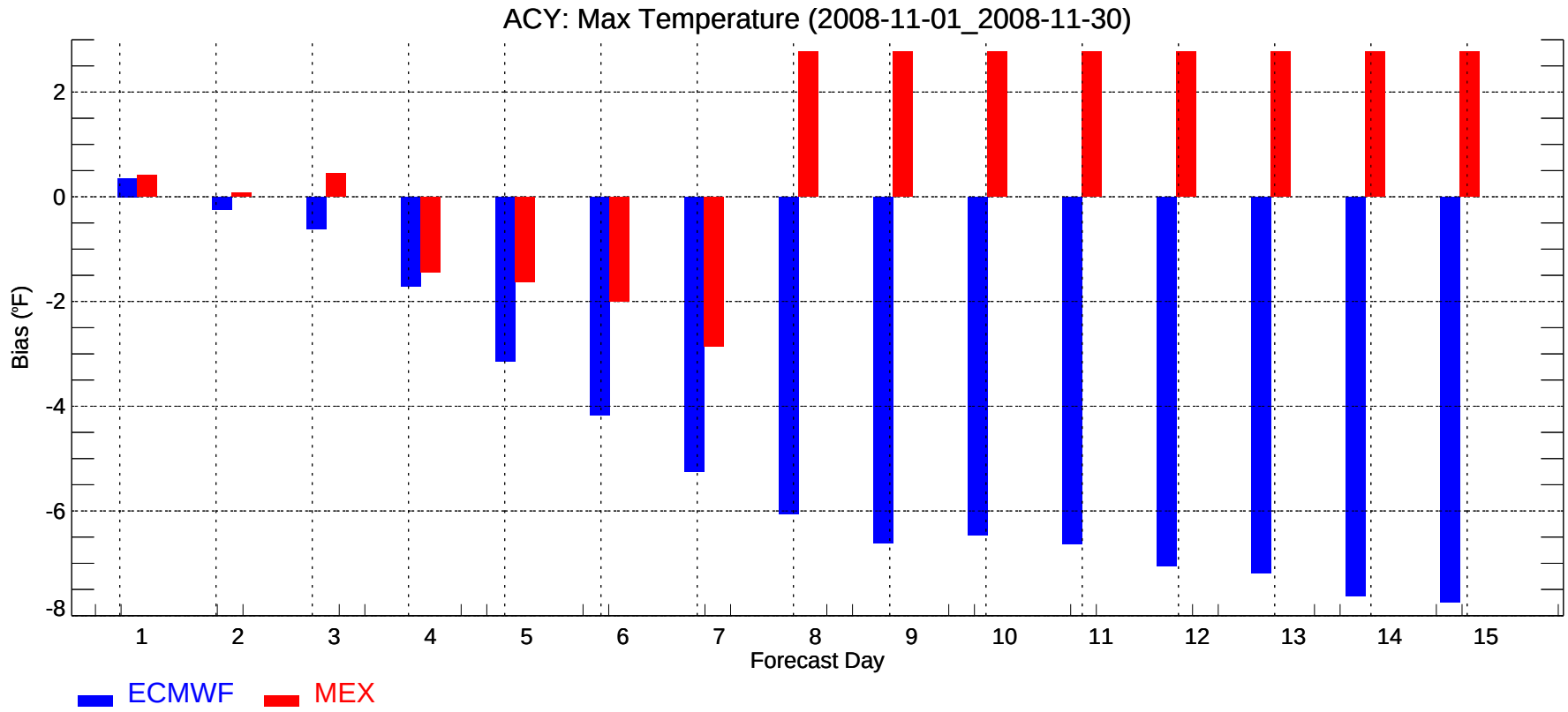
Forecast Day
ECMWF
MEX


ACY: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
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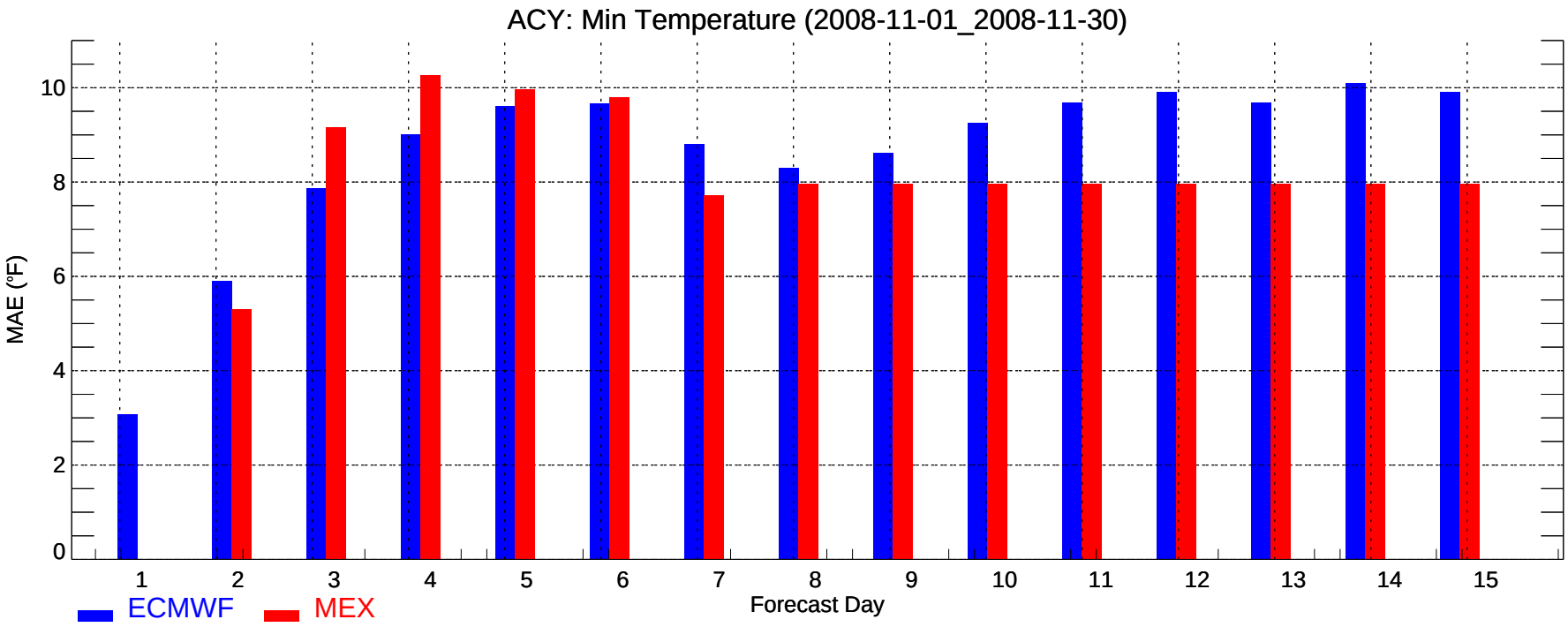
Forecast Day
ECMWF
MEX


ACY: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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1
2
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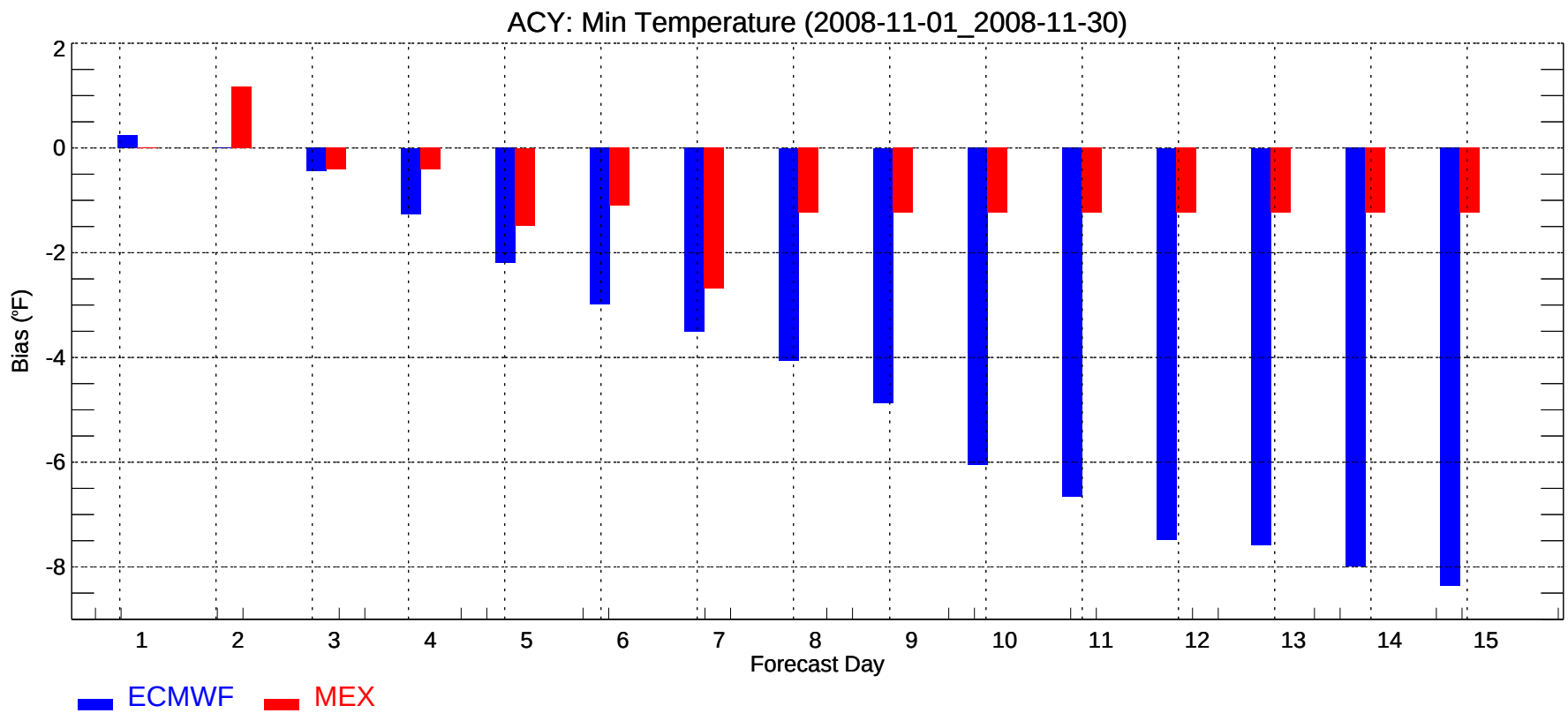
Forecast Day
ECMWF
MEX


ACY: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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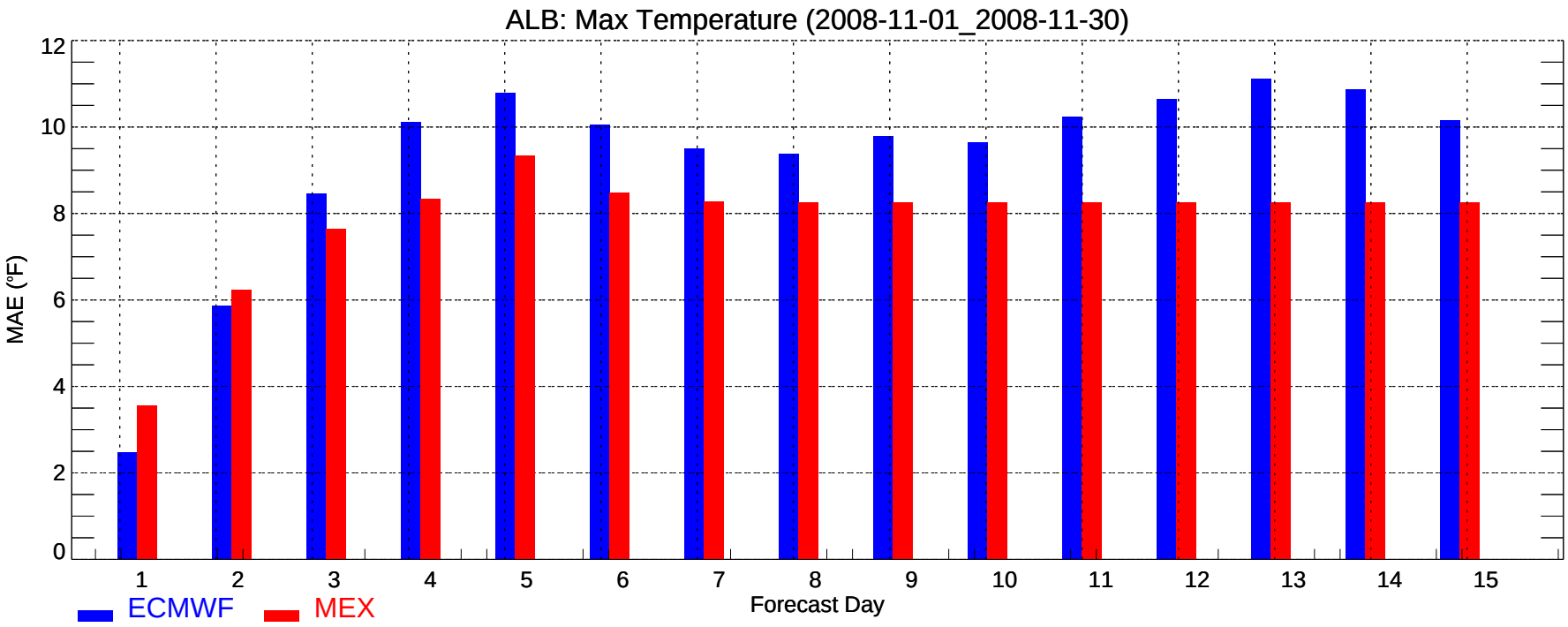
Forecast Day
ECMWF
MEX


ALB: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
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1
2
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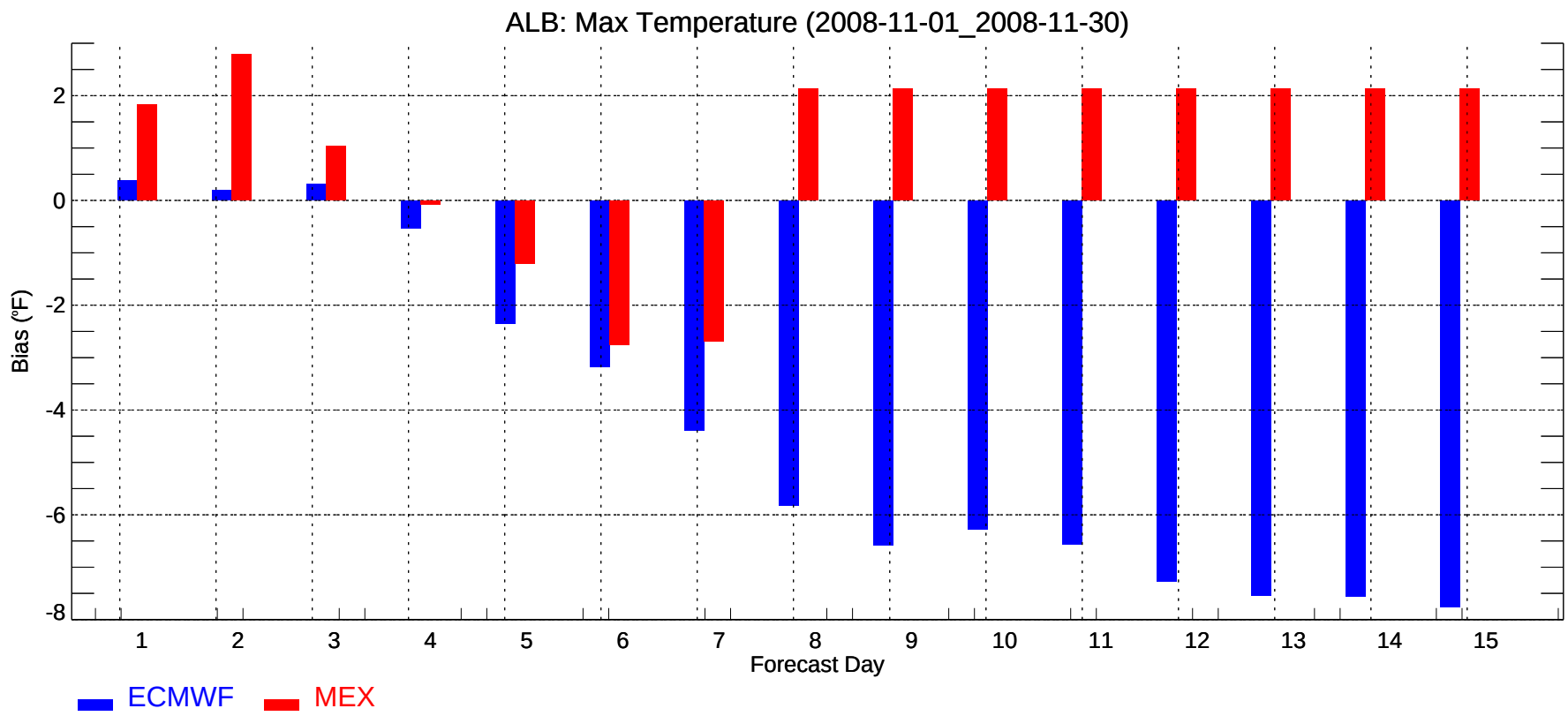
13
14
15
Forecast Day
ECMWF
MEX


ALB: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
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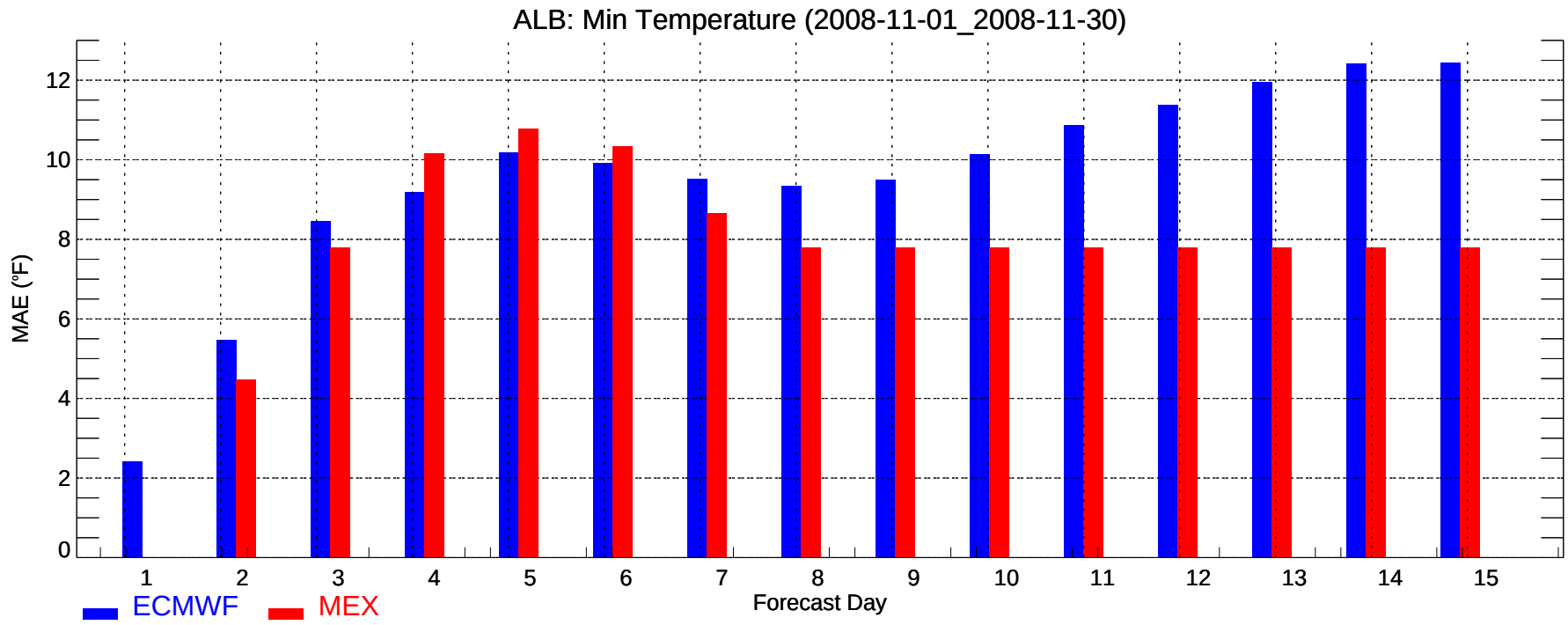
13
14
15
Forecast Day
ECMWF
MEX


ALB: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
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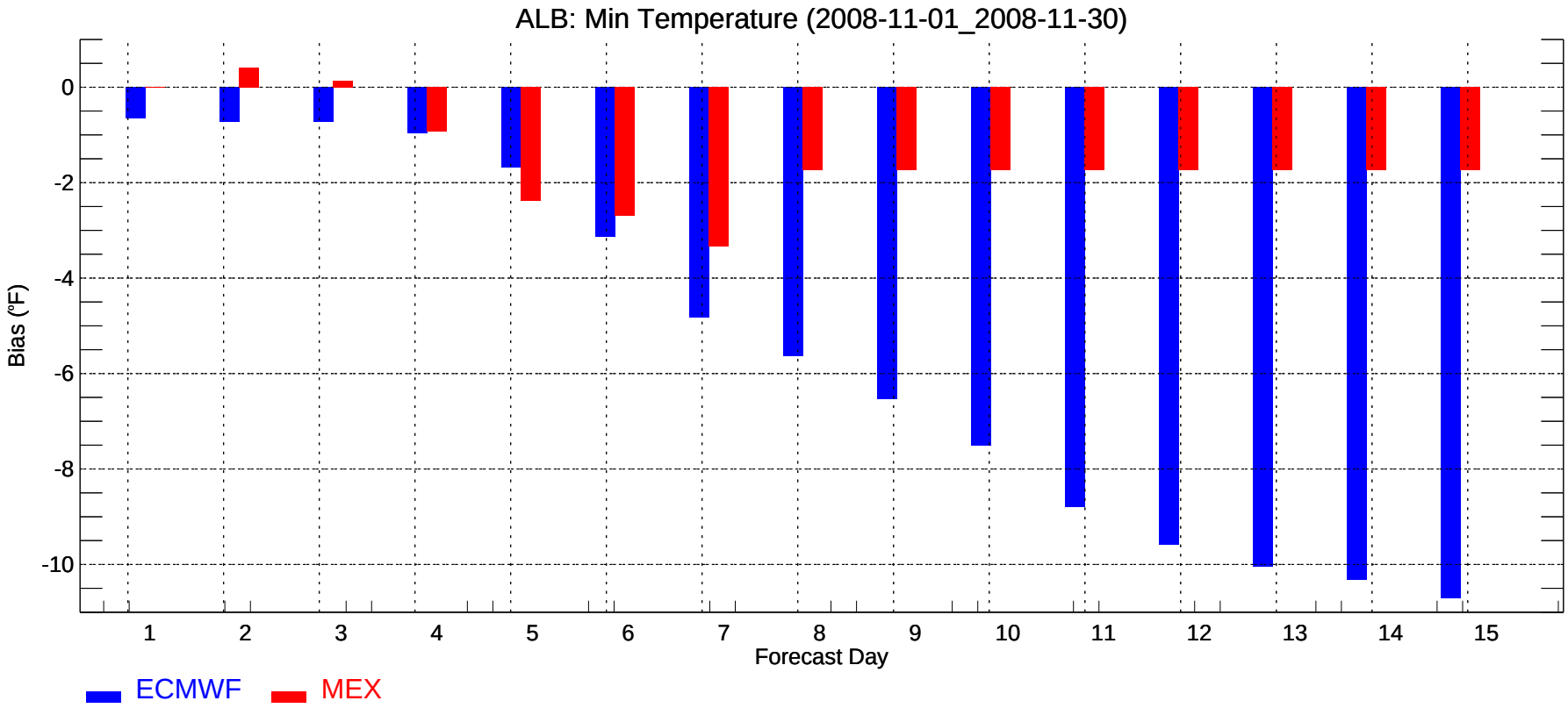
11
12
13
14
15
Forecast Day
ECMWF
MEX


ALB: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
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5
6
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11
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13
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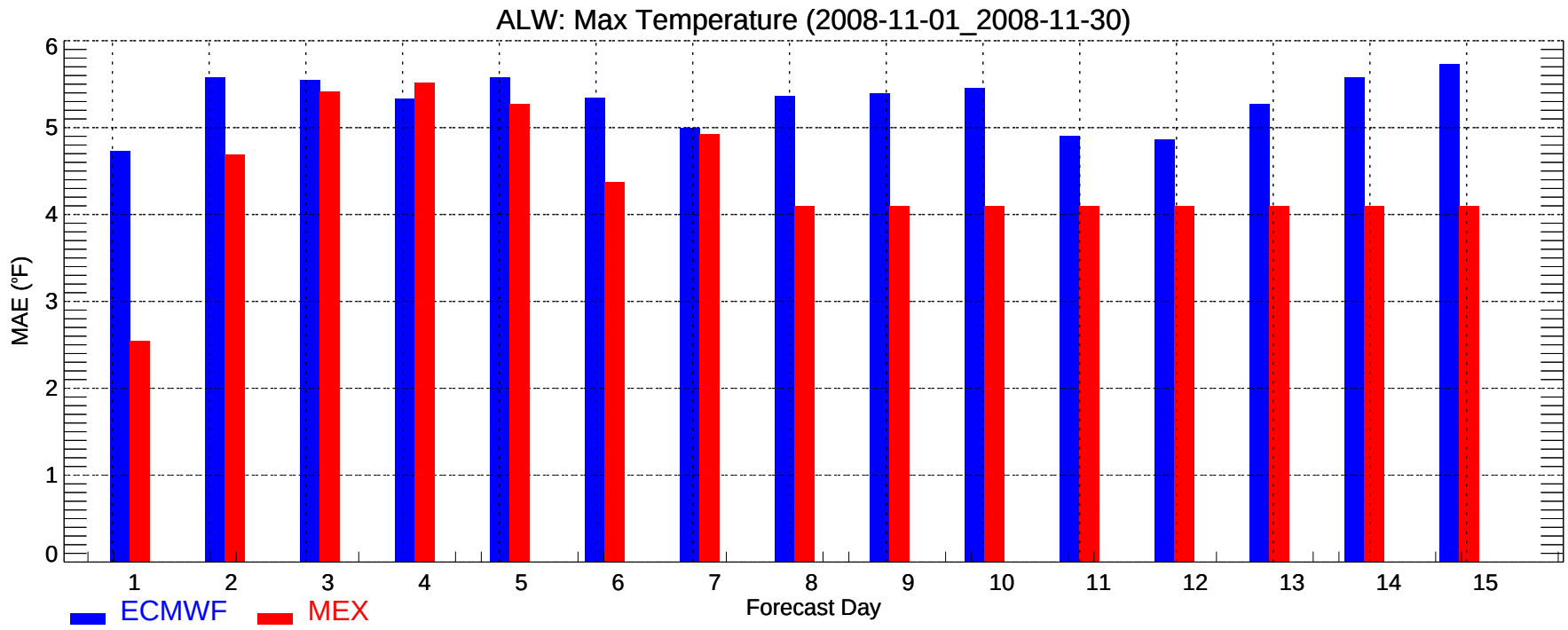
15
Forecast Day
ECMWF
MEX


ALW: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
3
4
5
6
7
8
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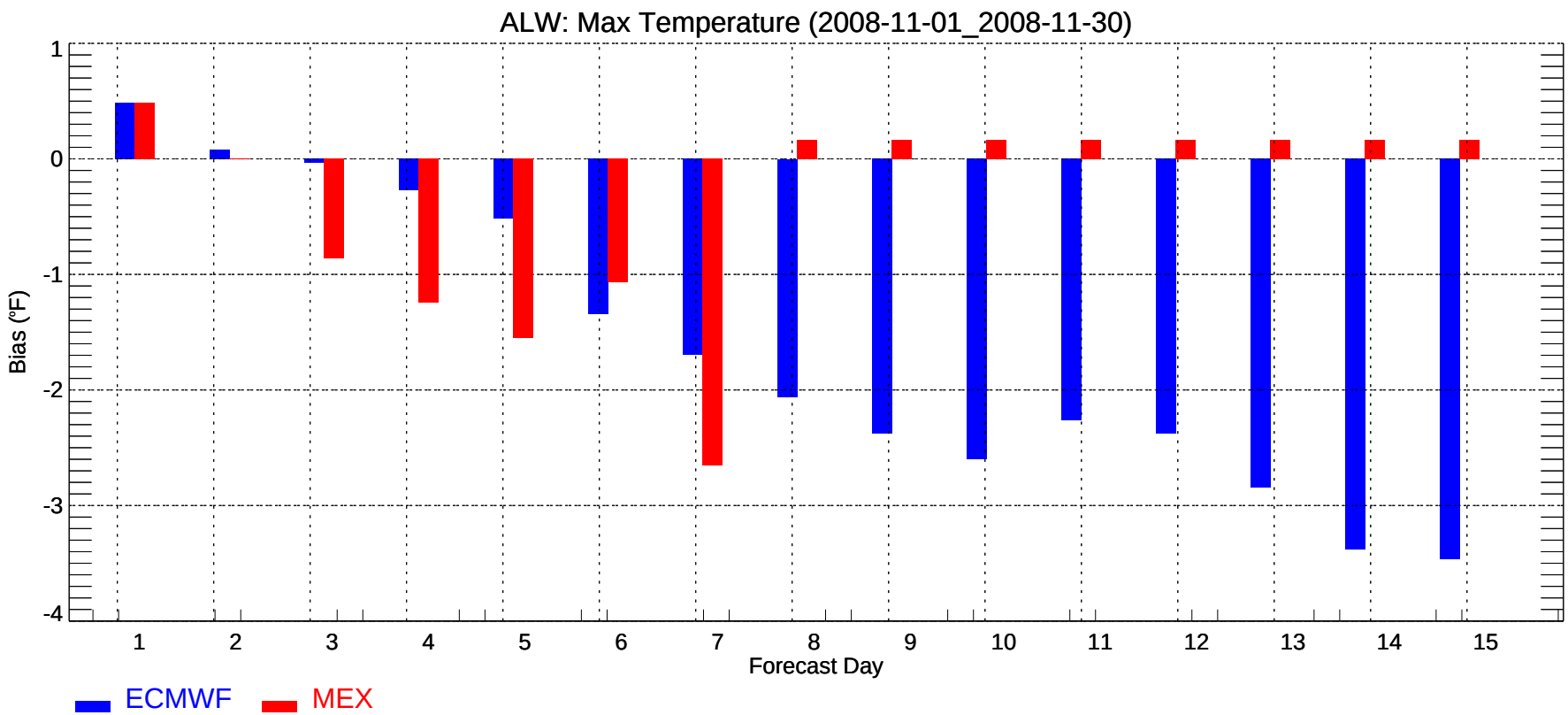
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ALW: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
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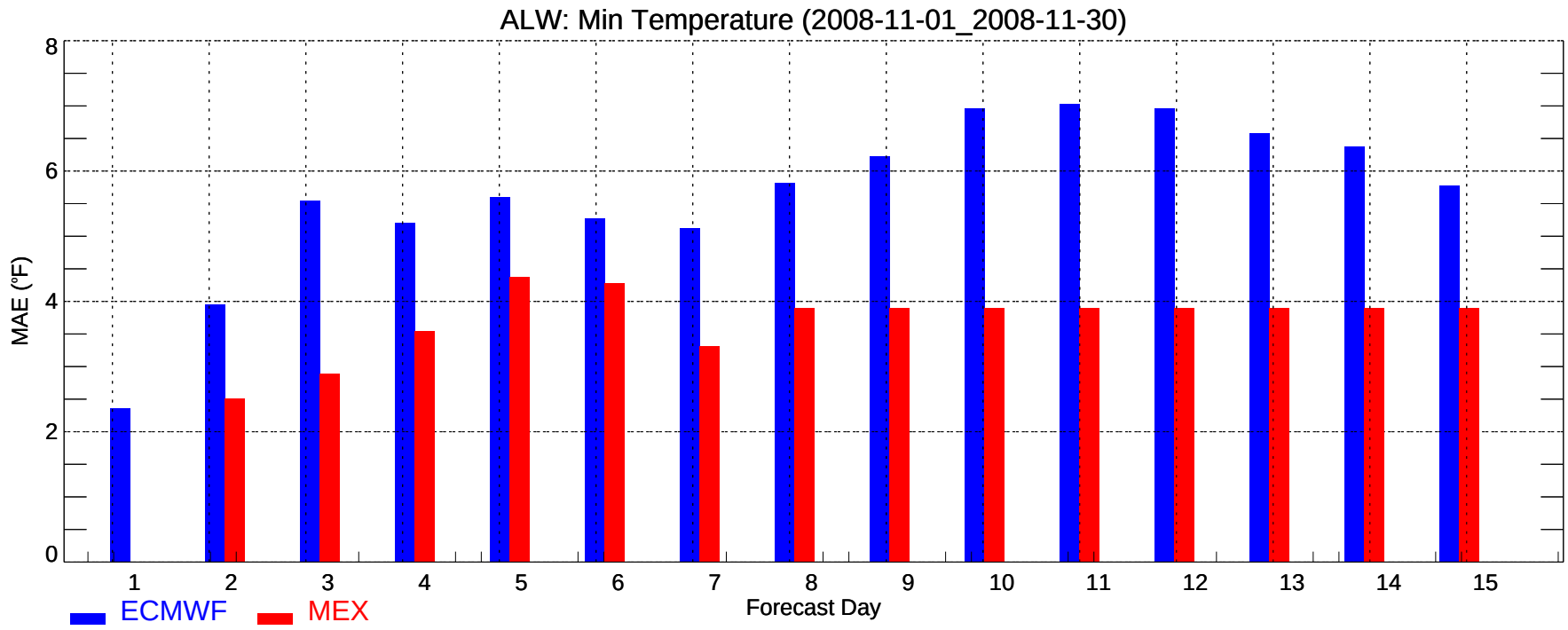
15
Forecast Day
ECMWF
MEX


ALW: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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11
12
13
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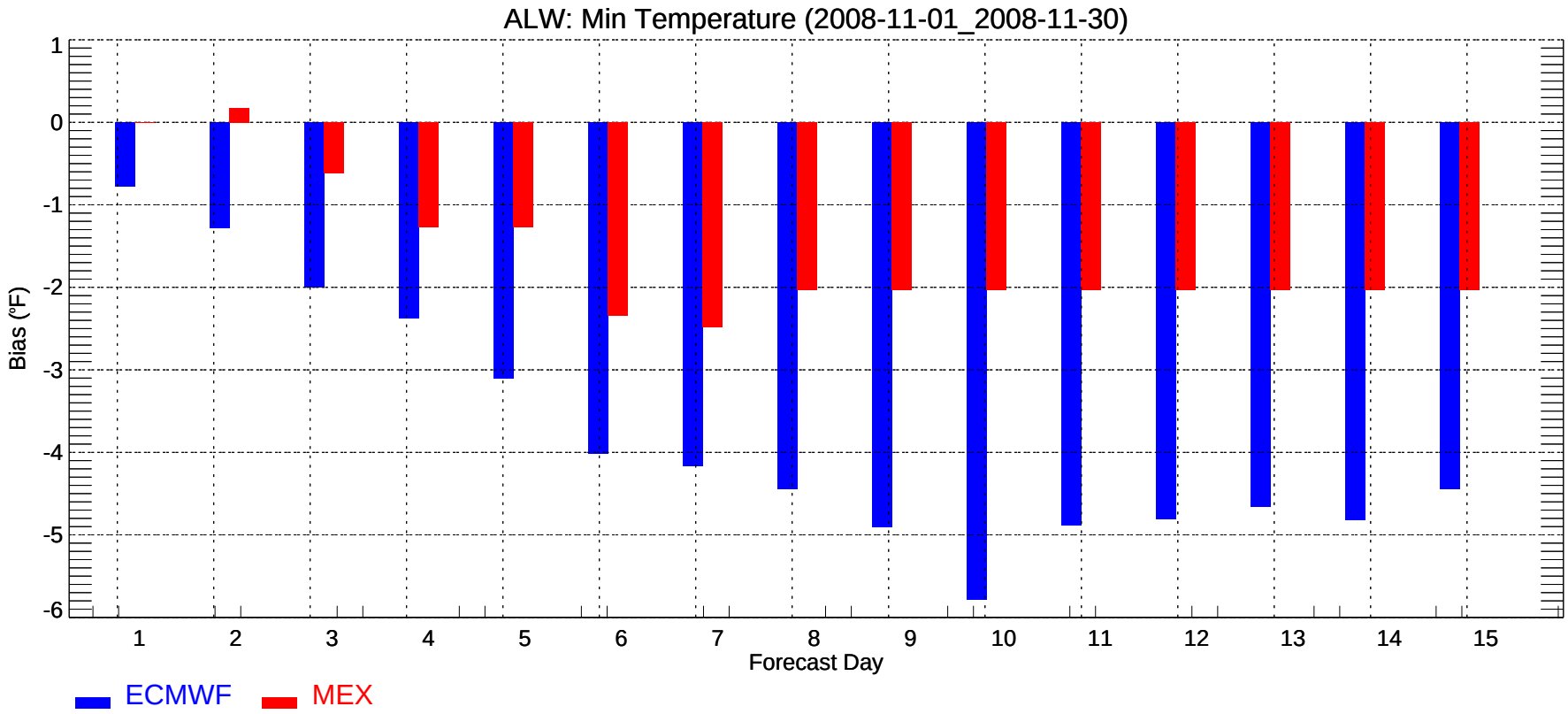
Forecast Day
ECMWF
MEX


ALW: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
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
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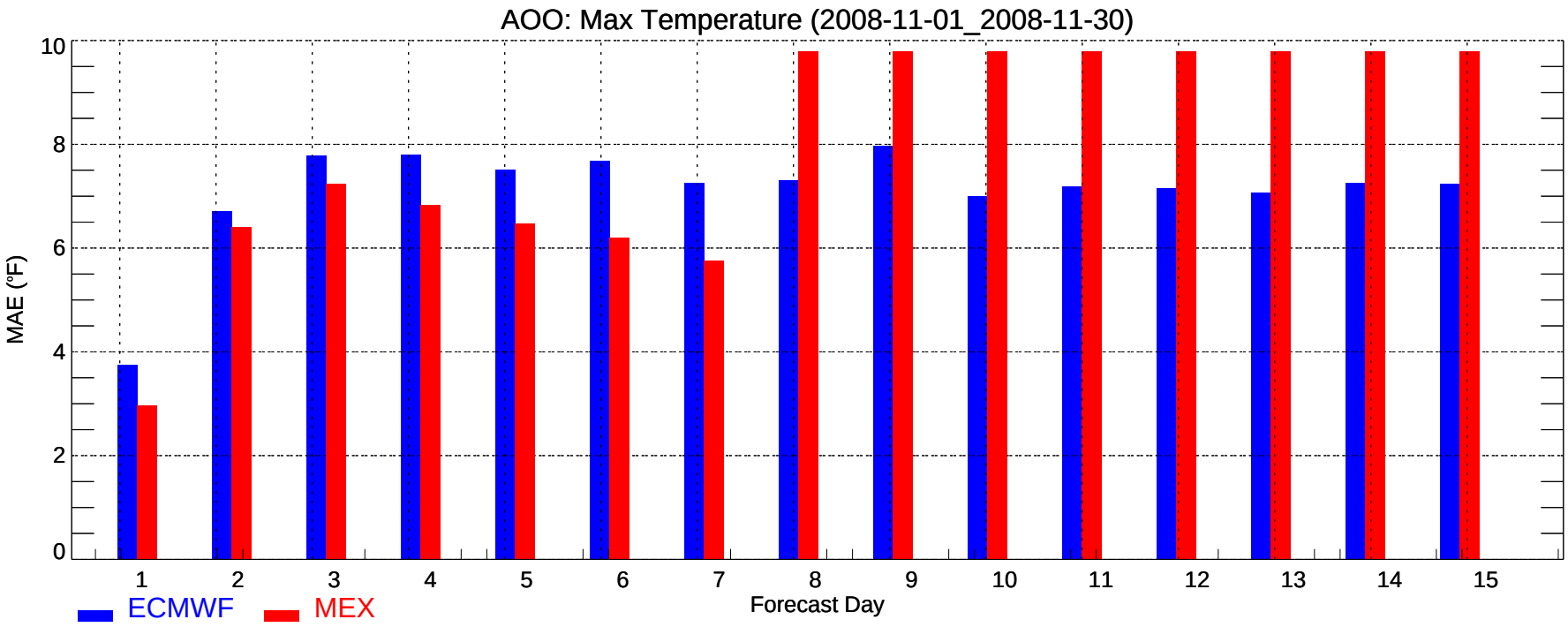
15
Forecast Day
ECMWF
MEX


AOO: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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1
2
3
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5
6
7
8
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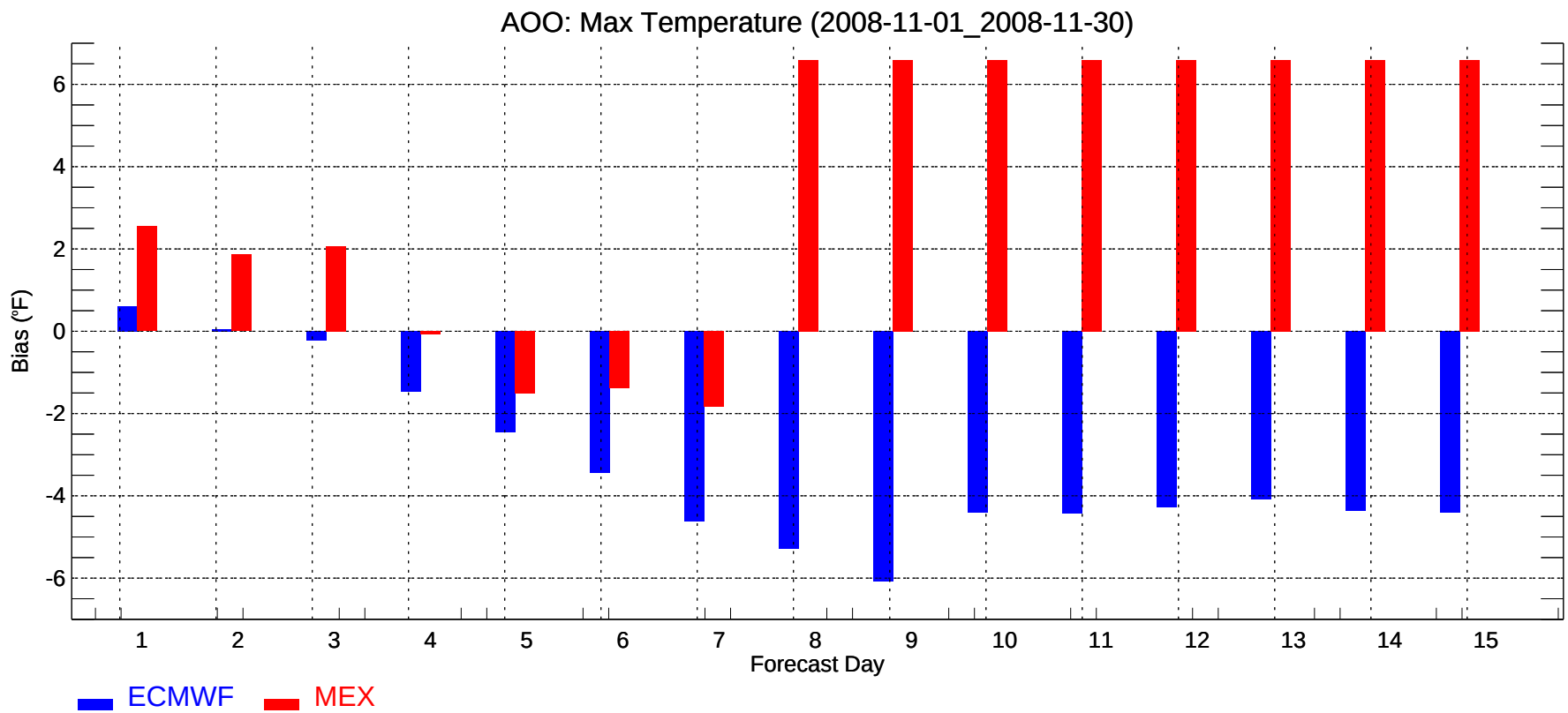
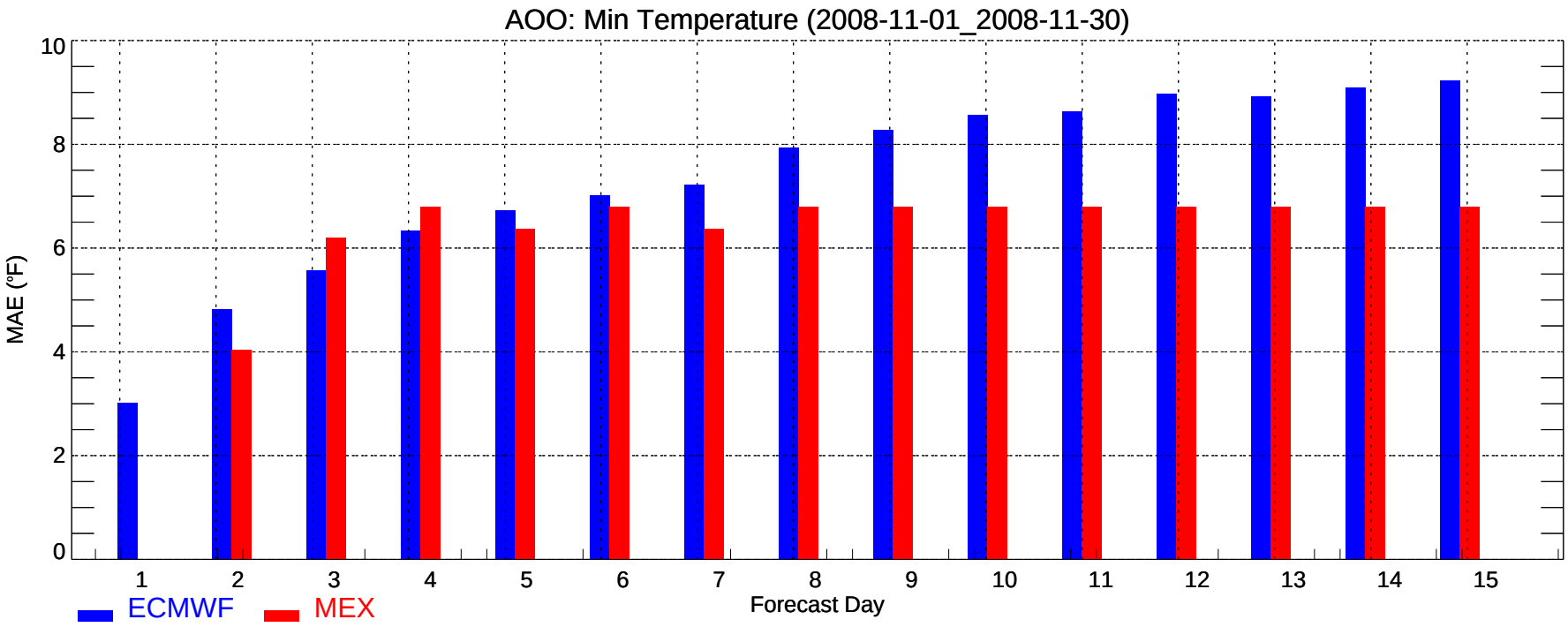
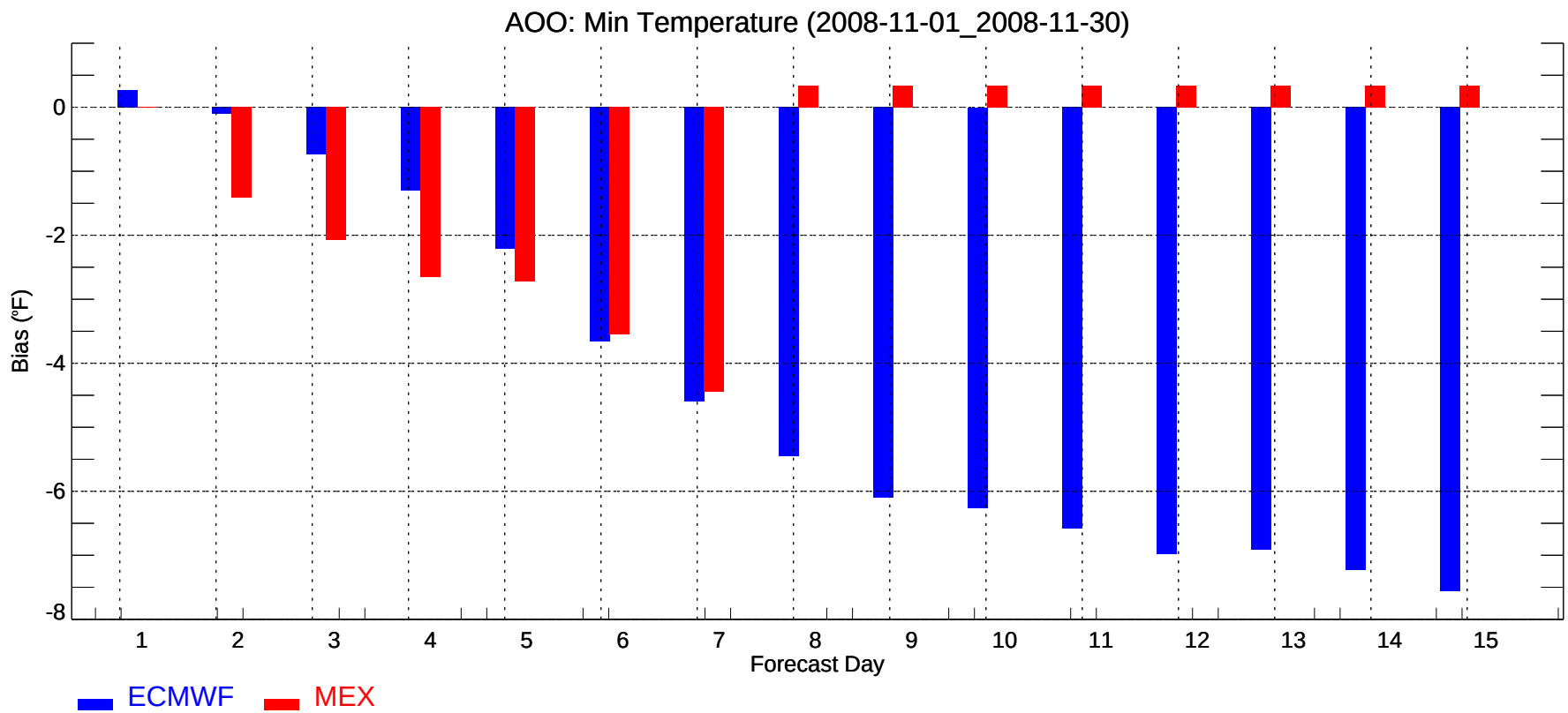
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AOO: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
-6
-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


AOO: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
10
8
6
4
2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


AOO: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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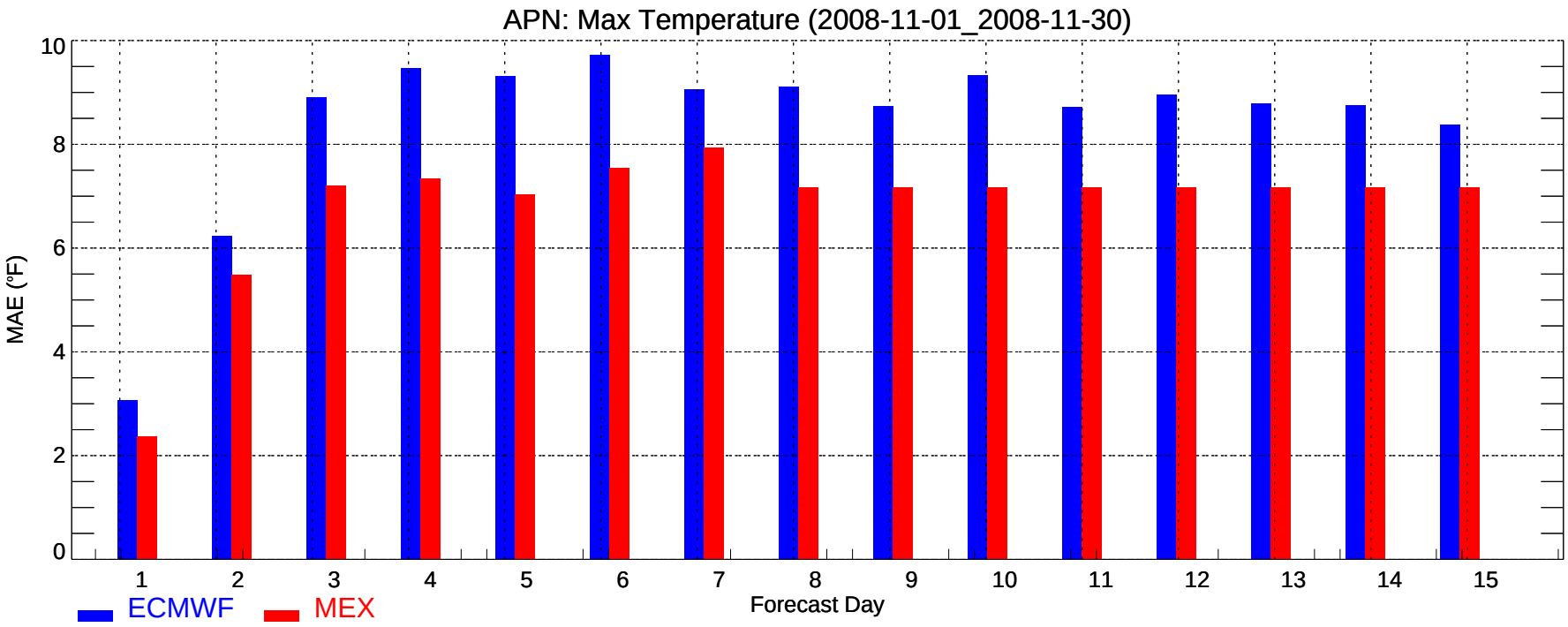
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


APN: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
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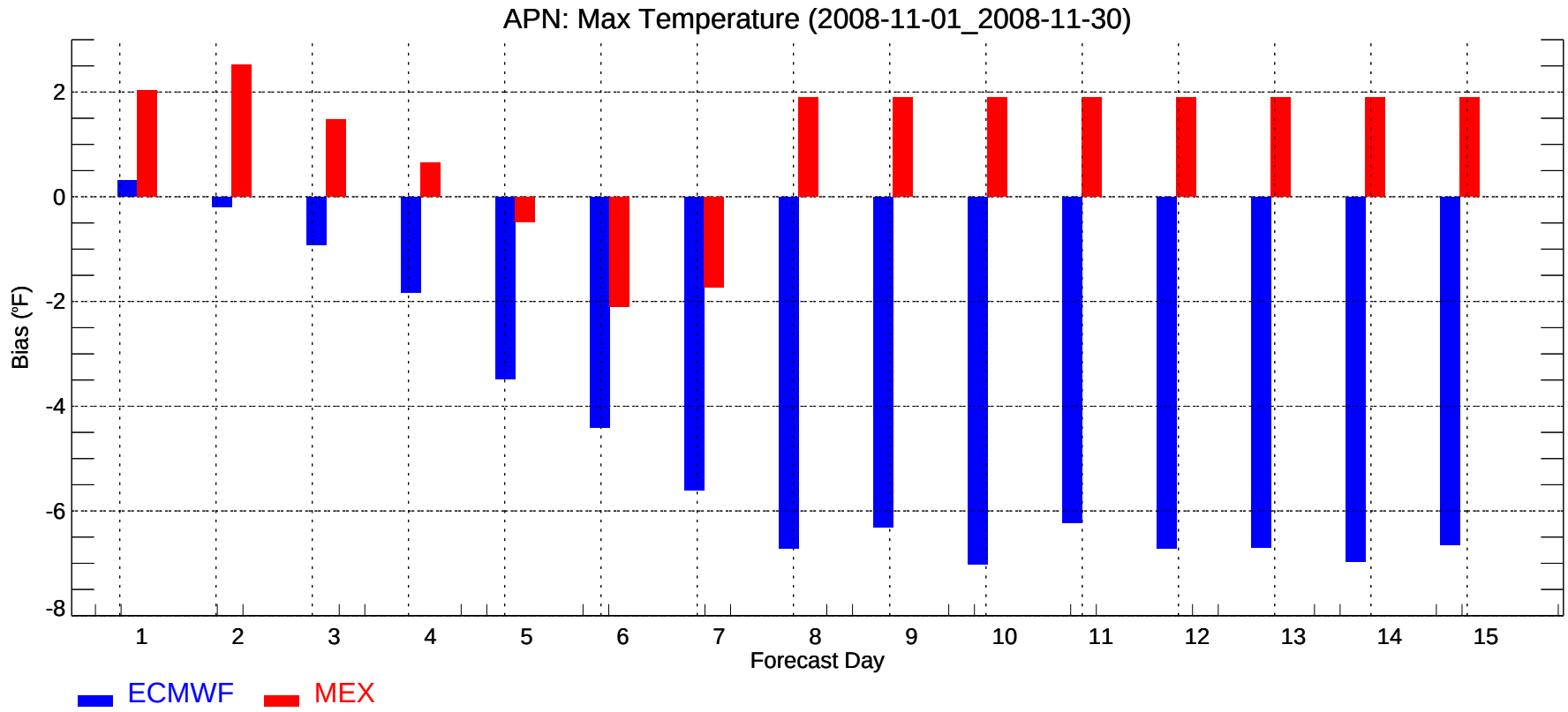
Forecast Day
ECMWF
MEX


APN: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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6
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8
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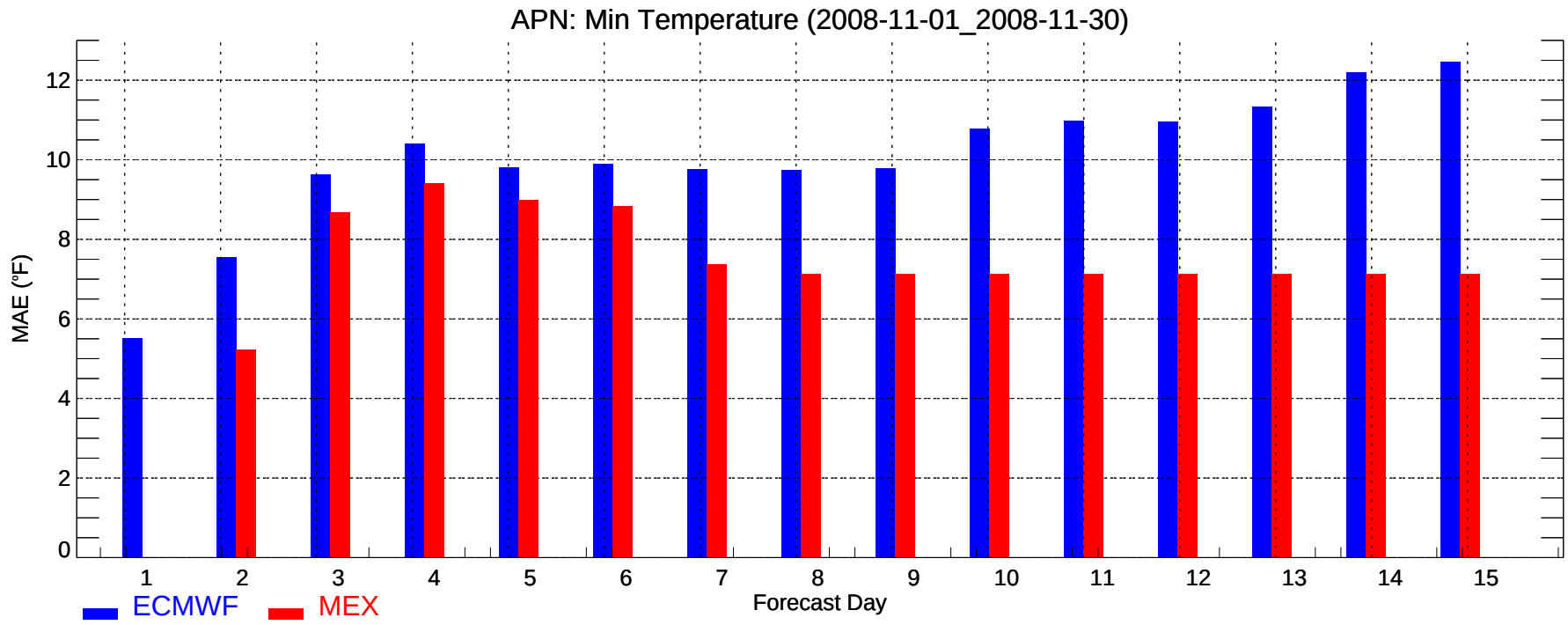
11
12
13
14
15
Forecast Day
ECMWF
MEX


APN: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
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6
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8
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12
13
14
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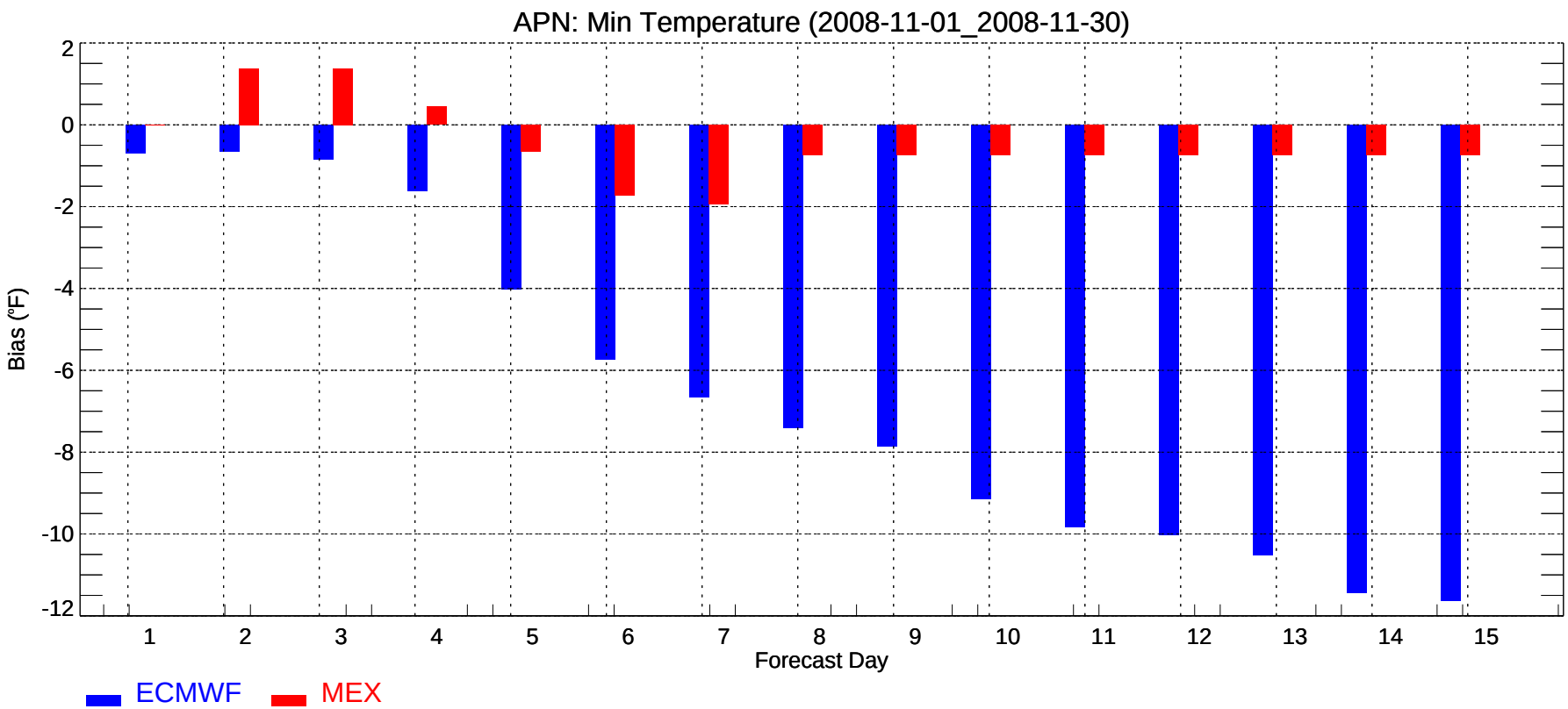
Forecast Day
ECMWF
MEX


APN: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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0
-2
-4
-6
-8
-10
-12
1
2
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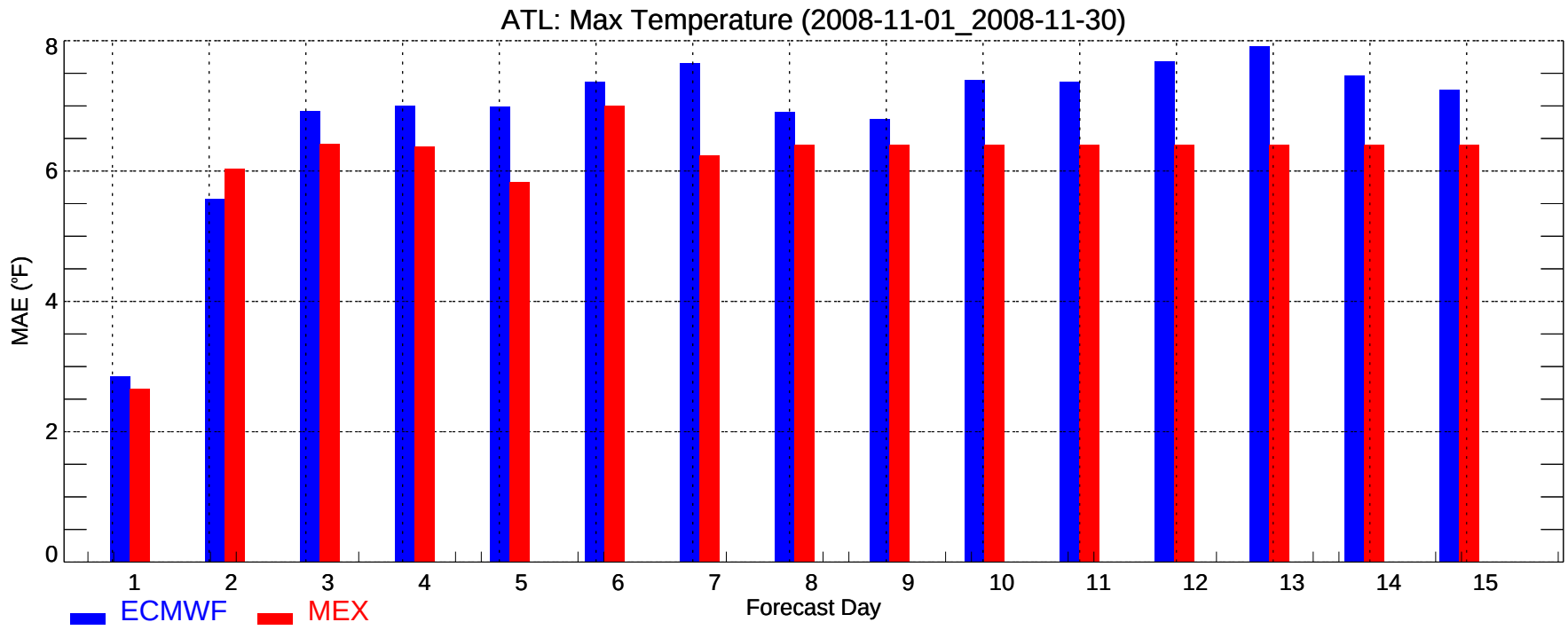
Forecast Day
ECMWF
MEX


ATL: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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2
4
6
8
1
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8
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13
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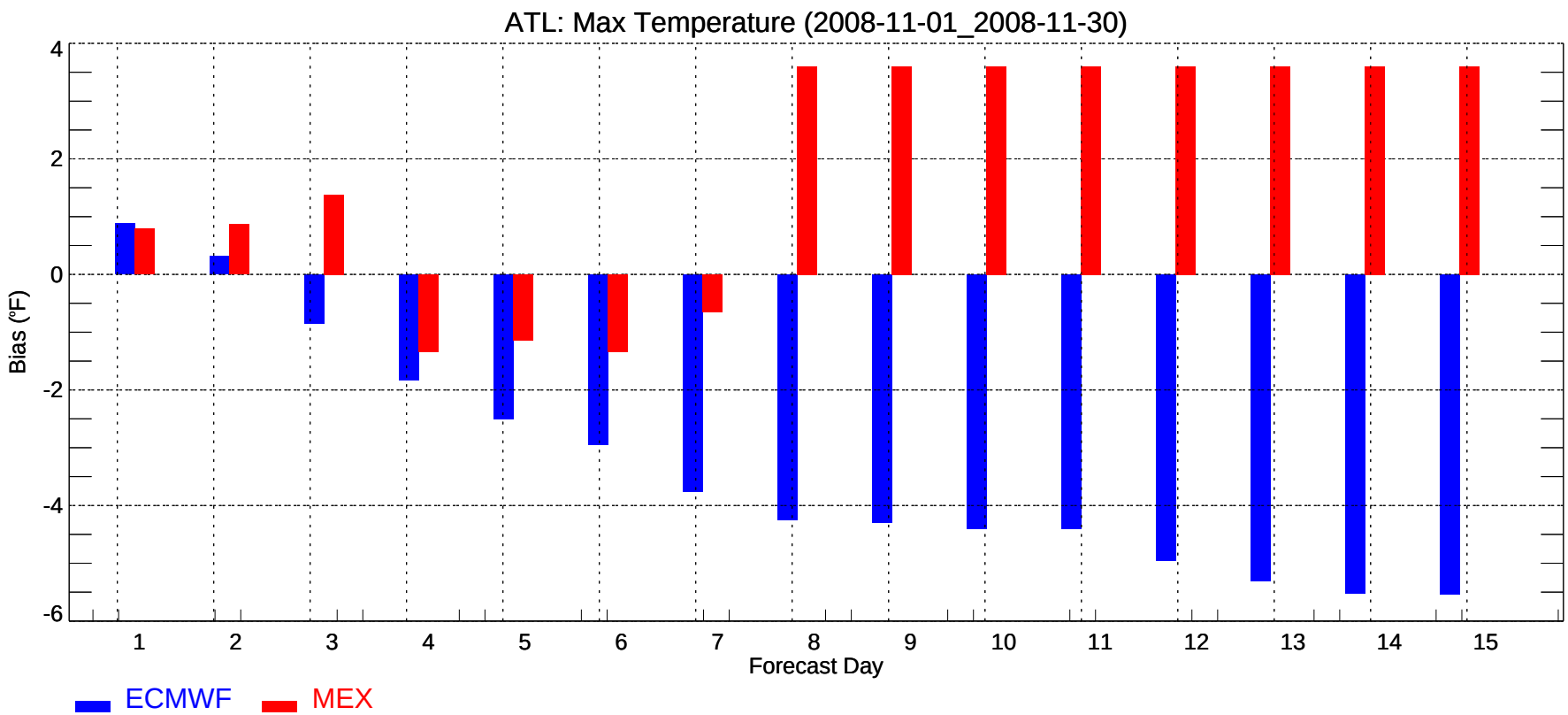
Forecast Day
ECMWF
MEX


ATL: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
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13
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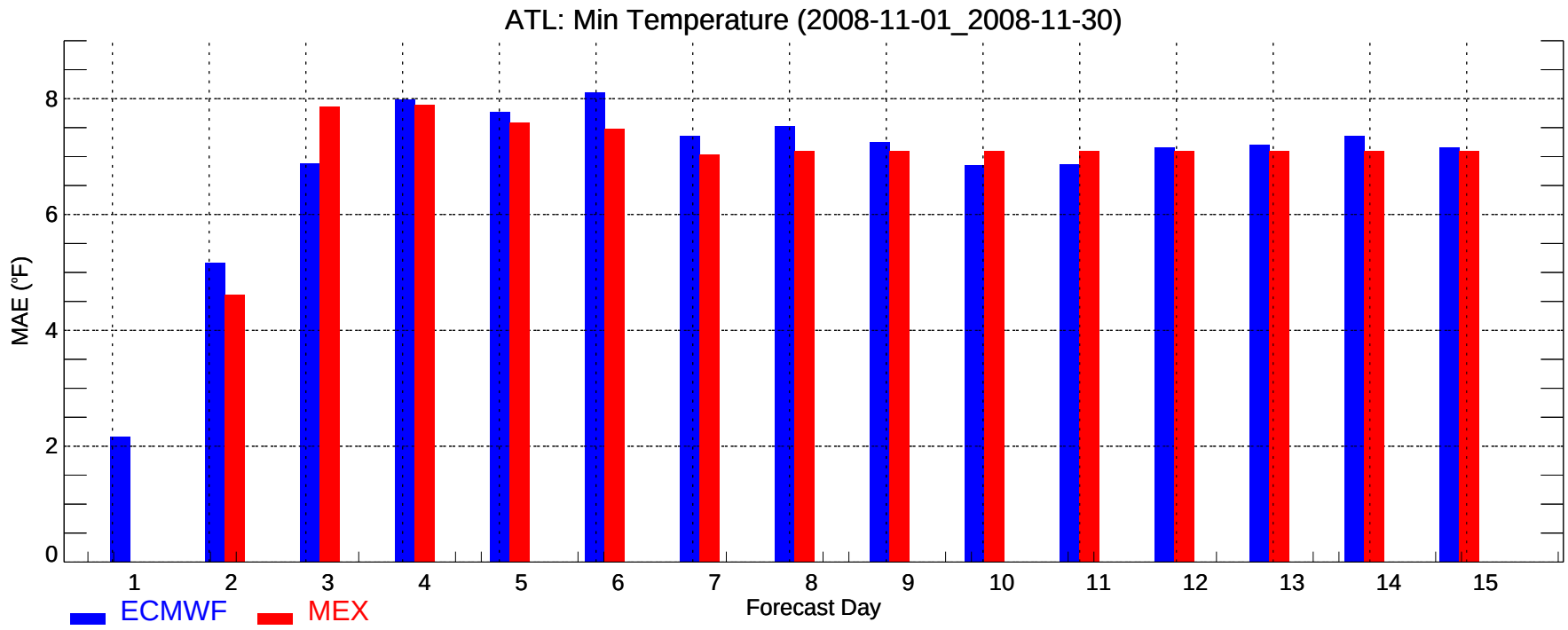
Forecast Day
ECMWF
MEX


ATL: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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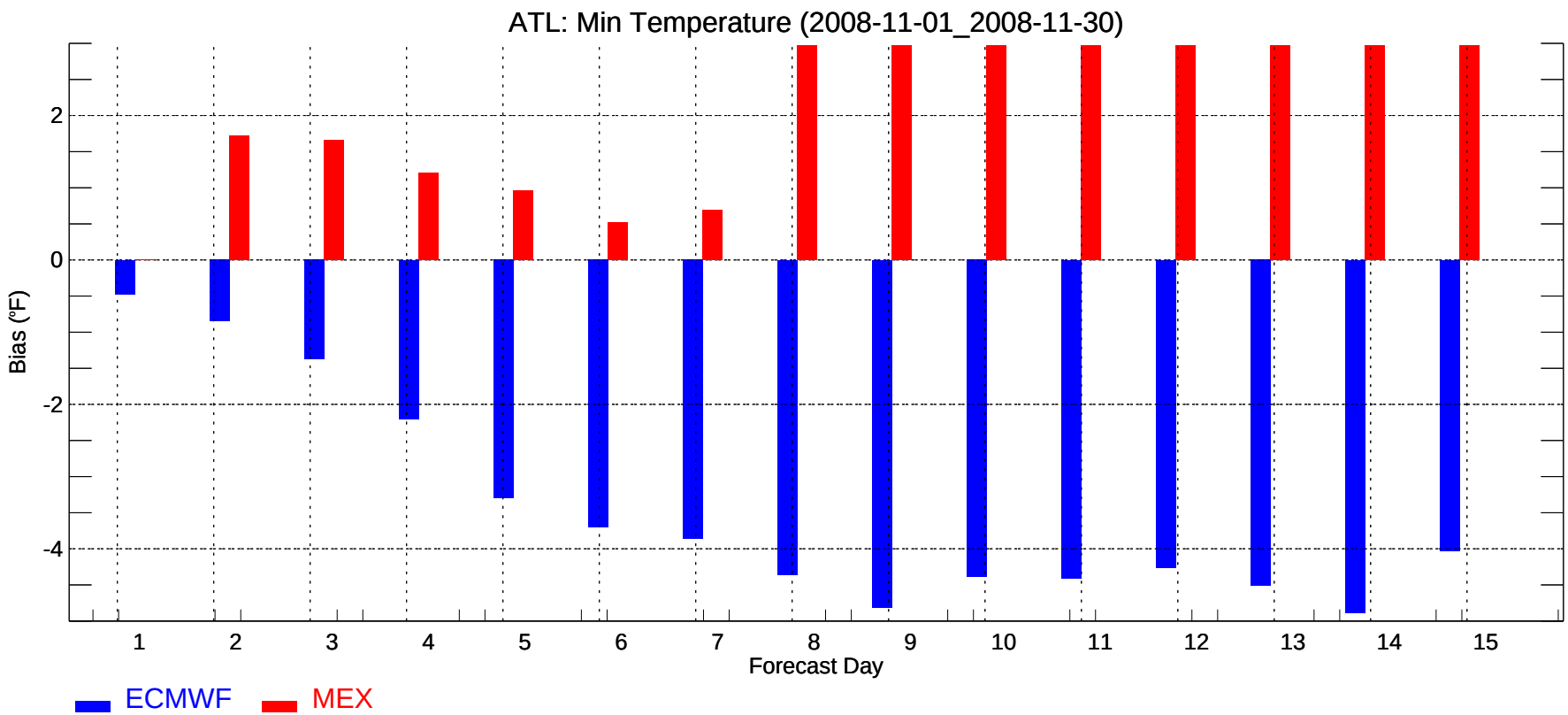
Forecast Day
ECMWF
MEX


ATL: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
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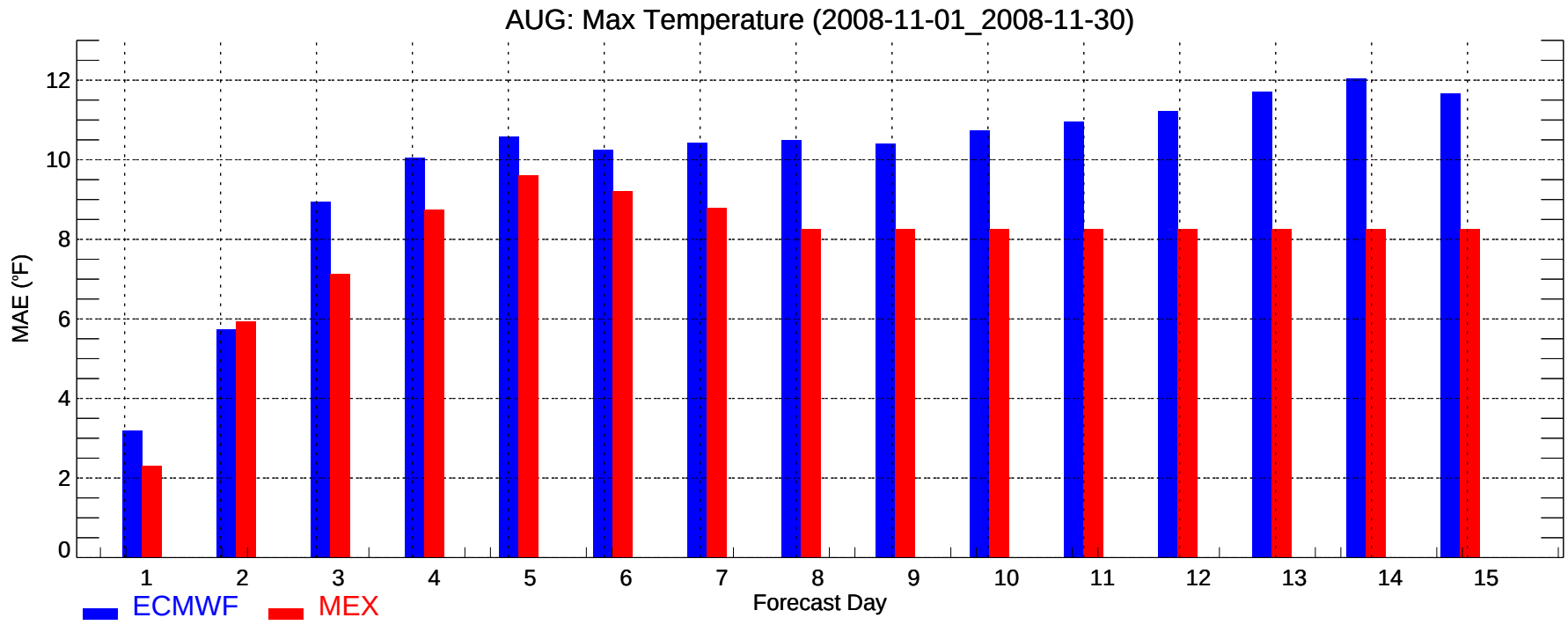
Forecast Day
ECMWF
MEX


AUG: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
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1
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14
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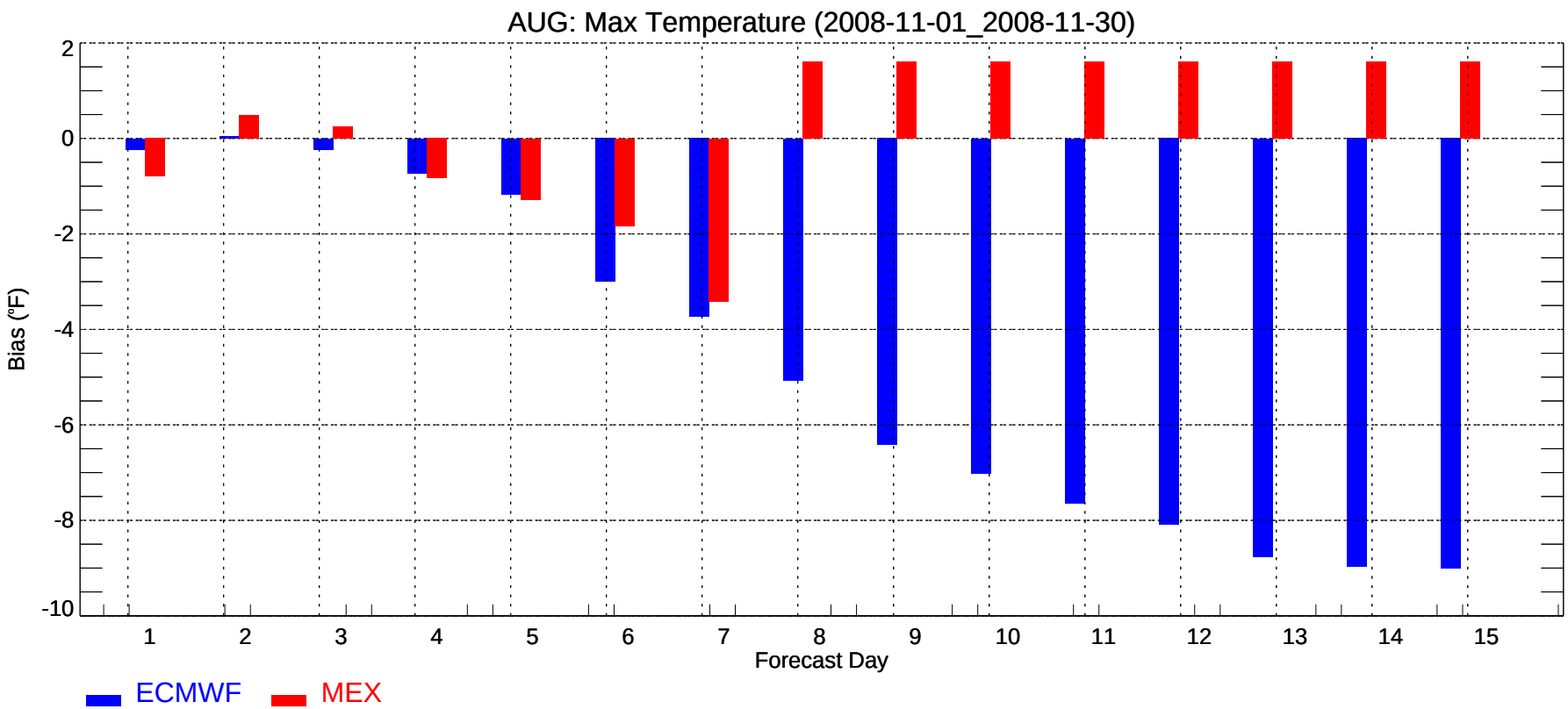
Forecast Day
ECMWF
MEX


AUG: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
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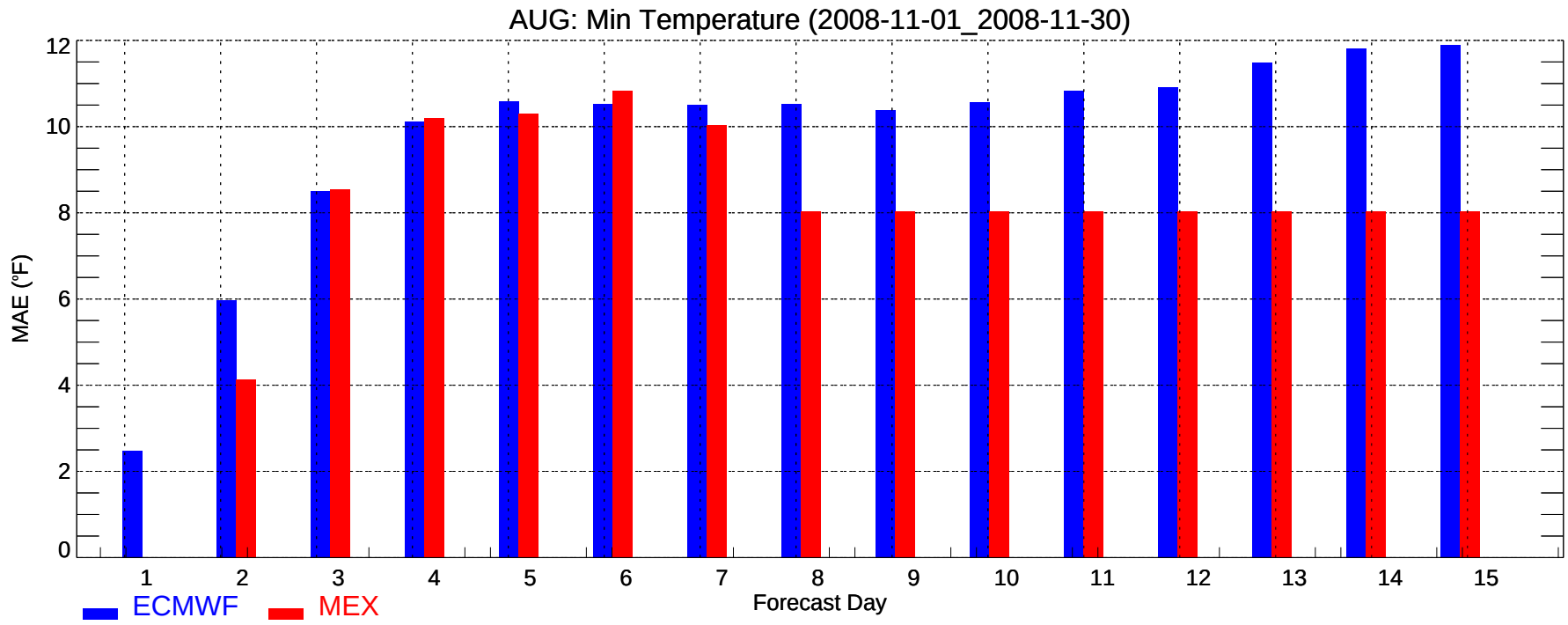
Forecast Day
ECMWF
MEX


AUG: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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10
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1
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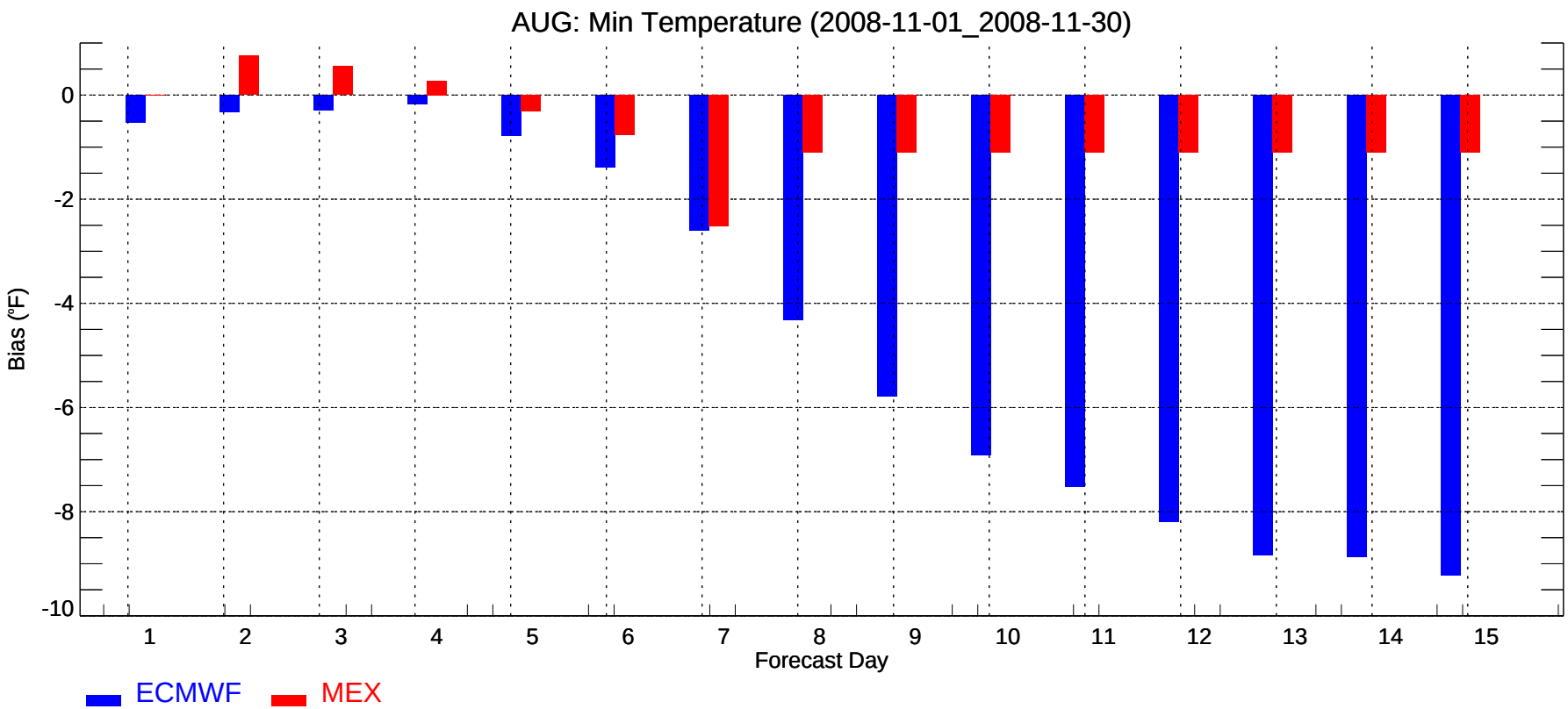
Forecast Day
ECMWF
MEX


AUG: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
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-10
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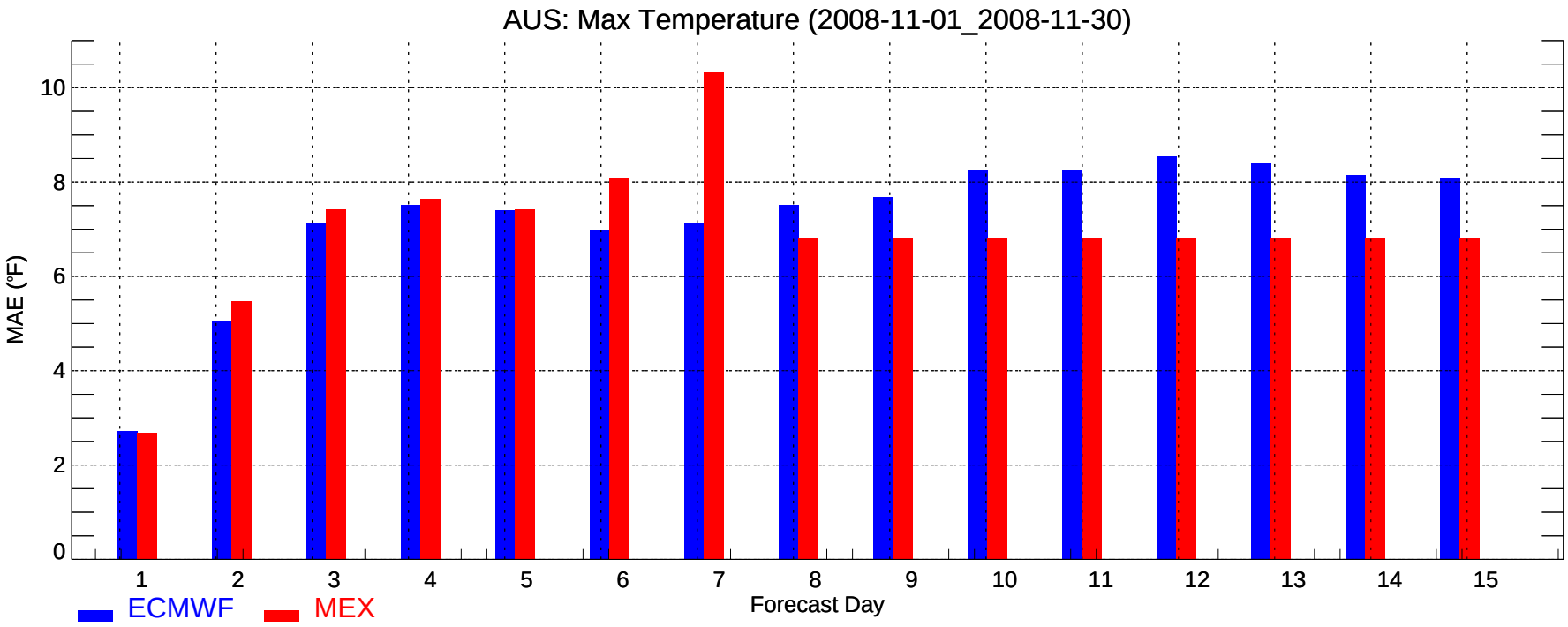
Forecast Day
ECMWF
MEX


AUS: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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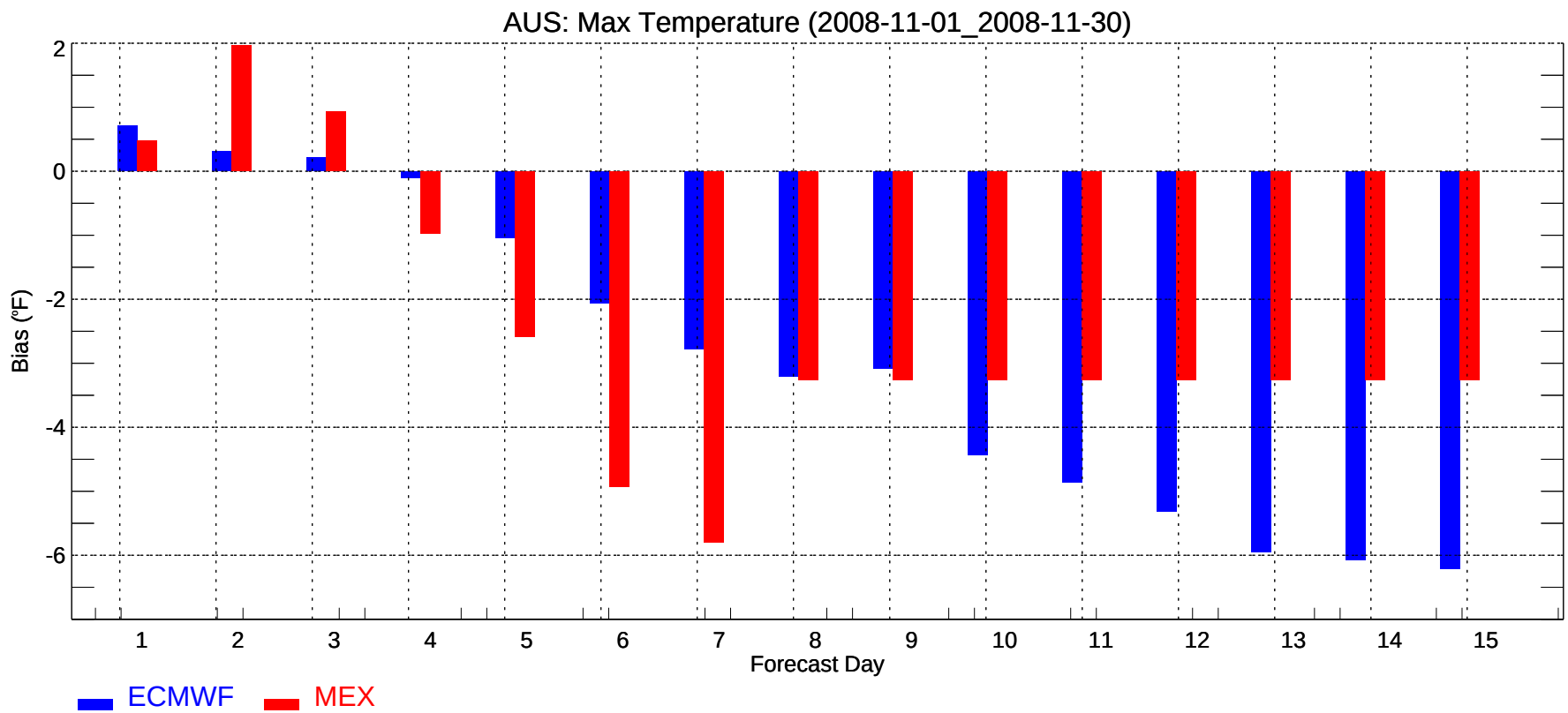
15
Forecast Day
ECMWF
MEX


AUS: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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-6
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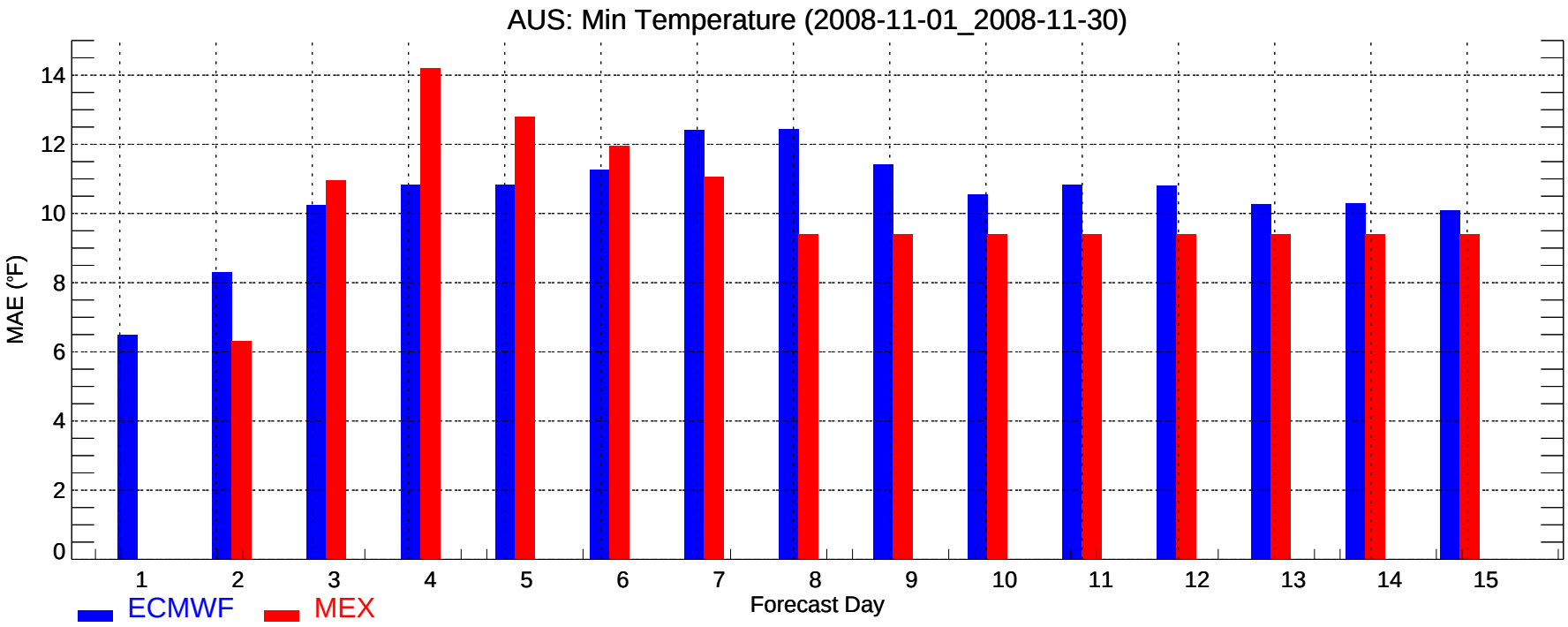
Forecast Day
ECMWF
MEX


AUS: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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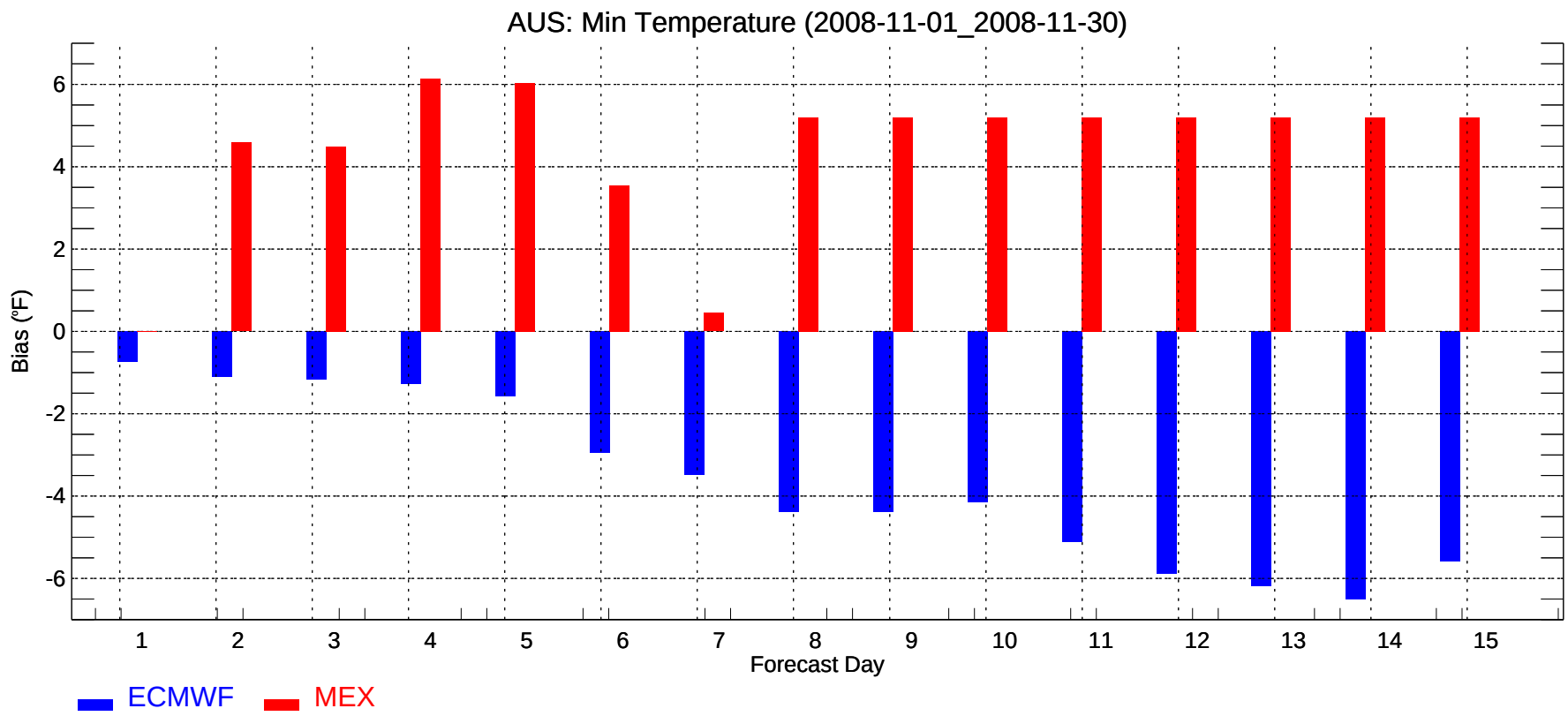
Forecast Day
ECMWF
MEX


AUS: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
-6
-4
-2
0
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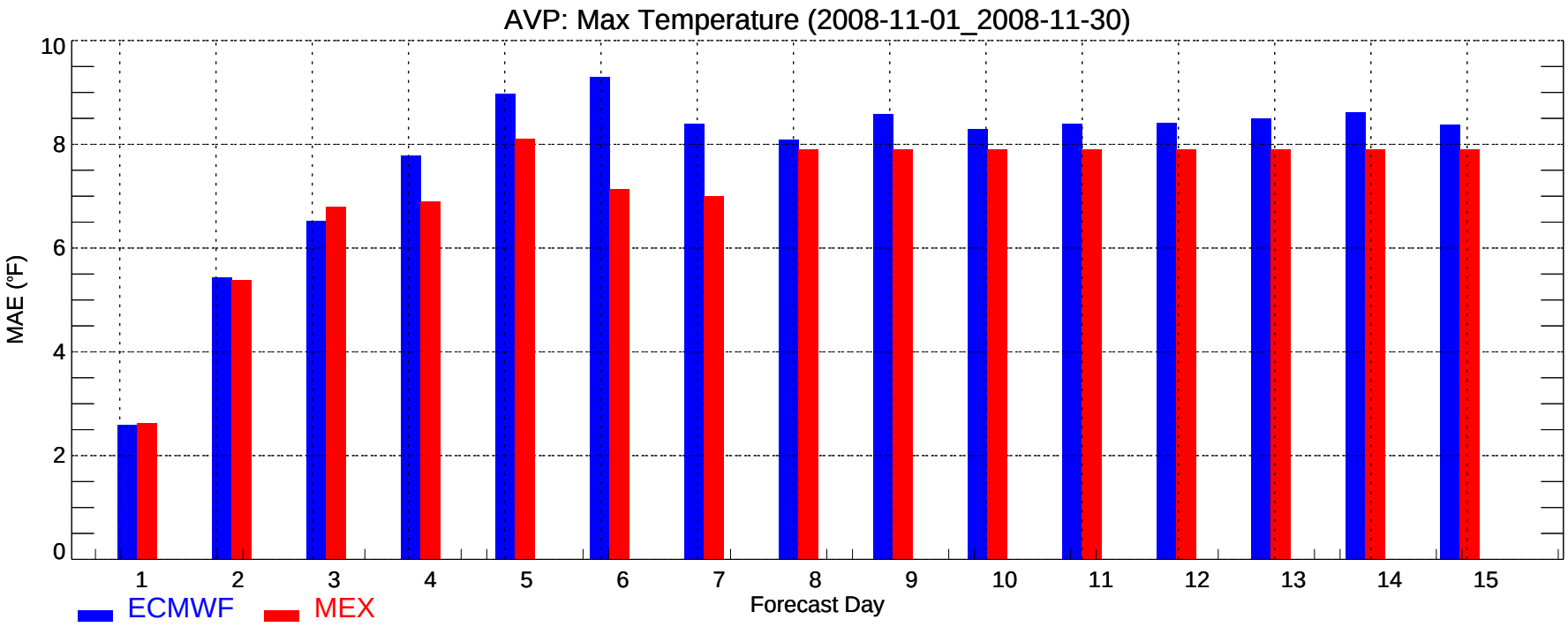
Forecast Day
ECMWF
MEX


AVP: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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2
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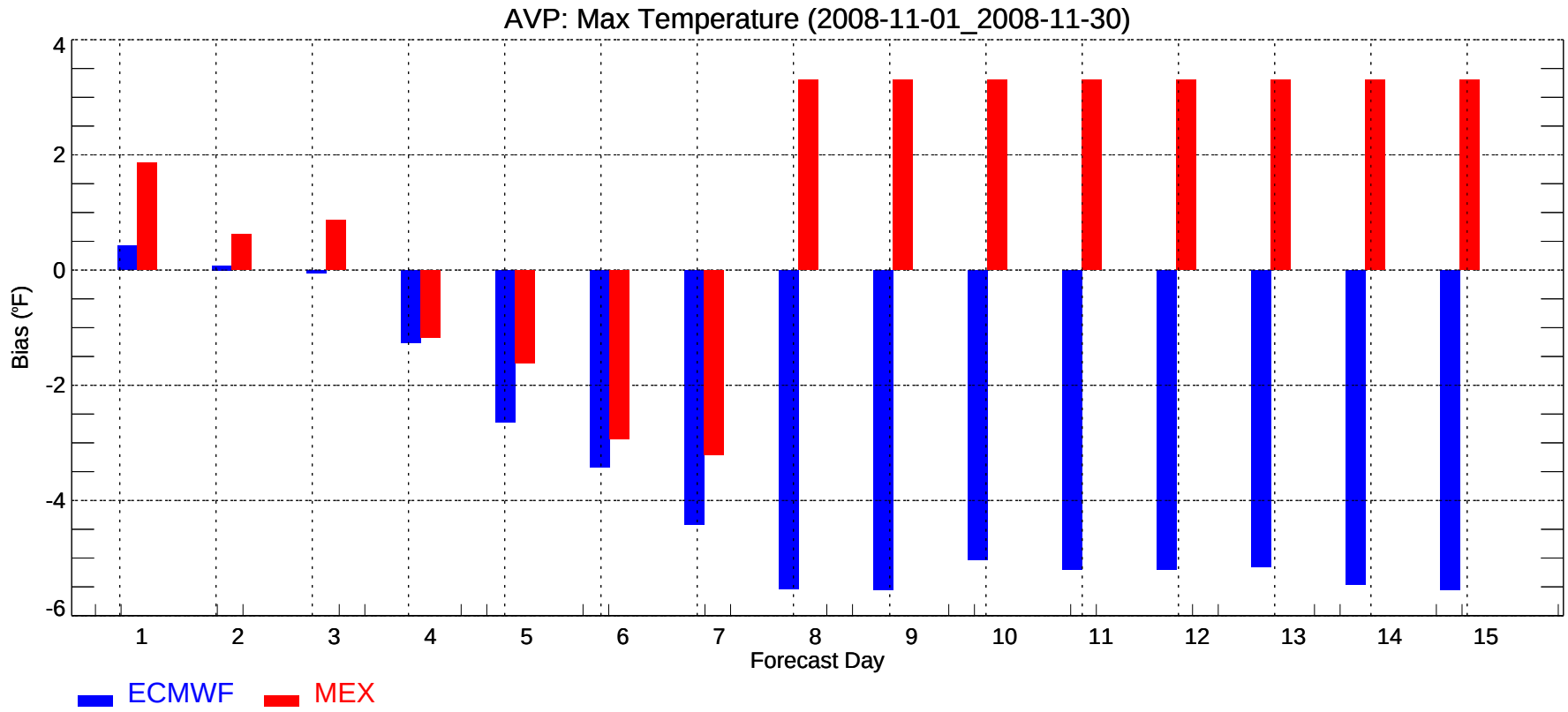
Forecast Day
ECMWF
MEX


AVP: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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2
0
-2
-4
-6
1
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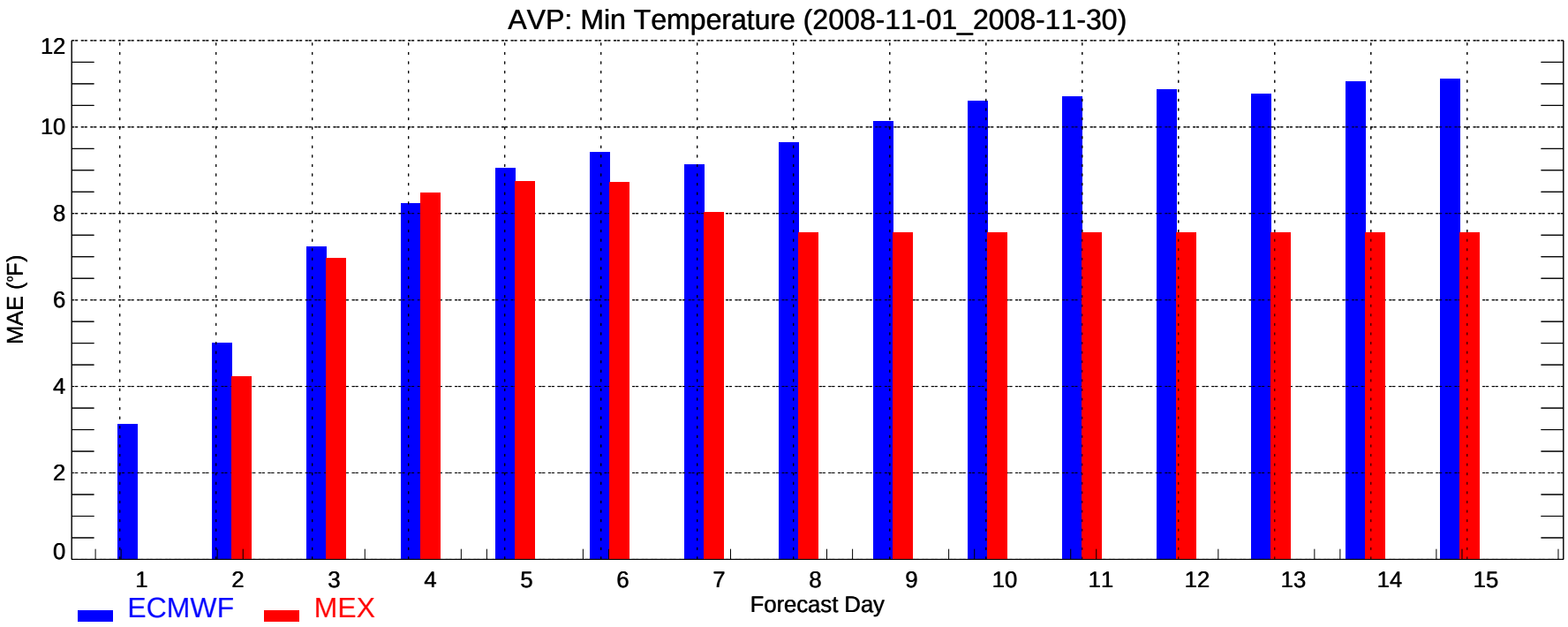
Forecast Day
ECMWF
MEX


AVP: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
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8
10
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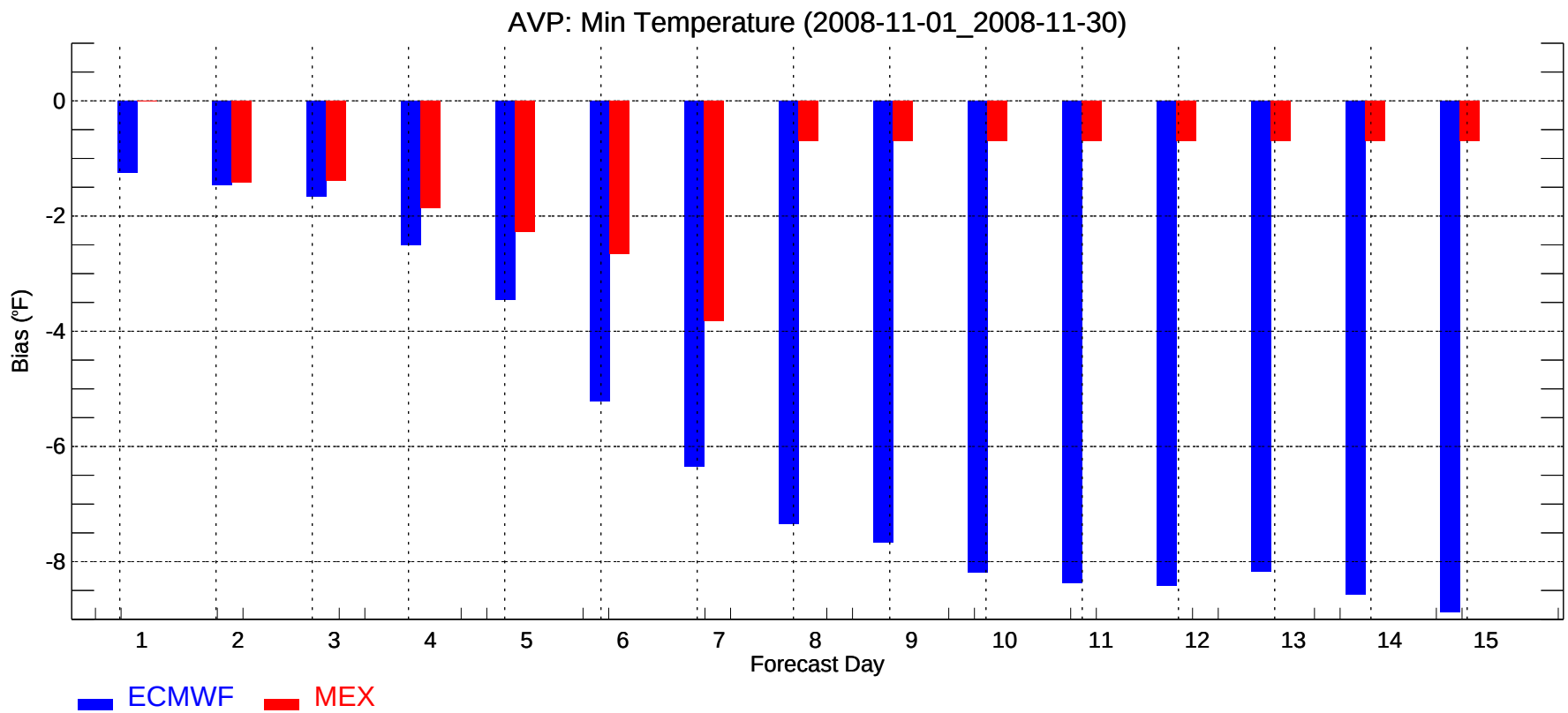
Forecast Day
ECMWF
MEX


AVP: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
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Forecast Day
ECMWF
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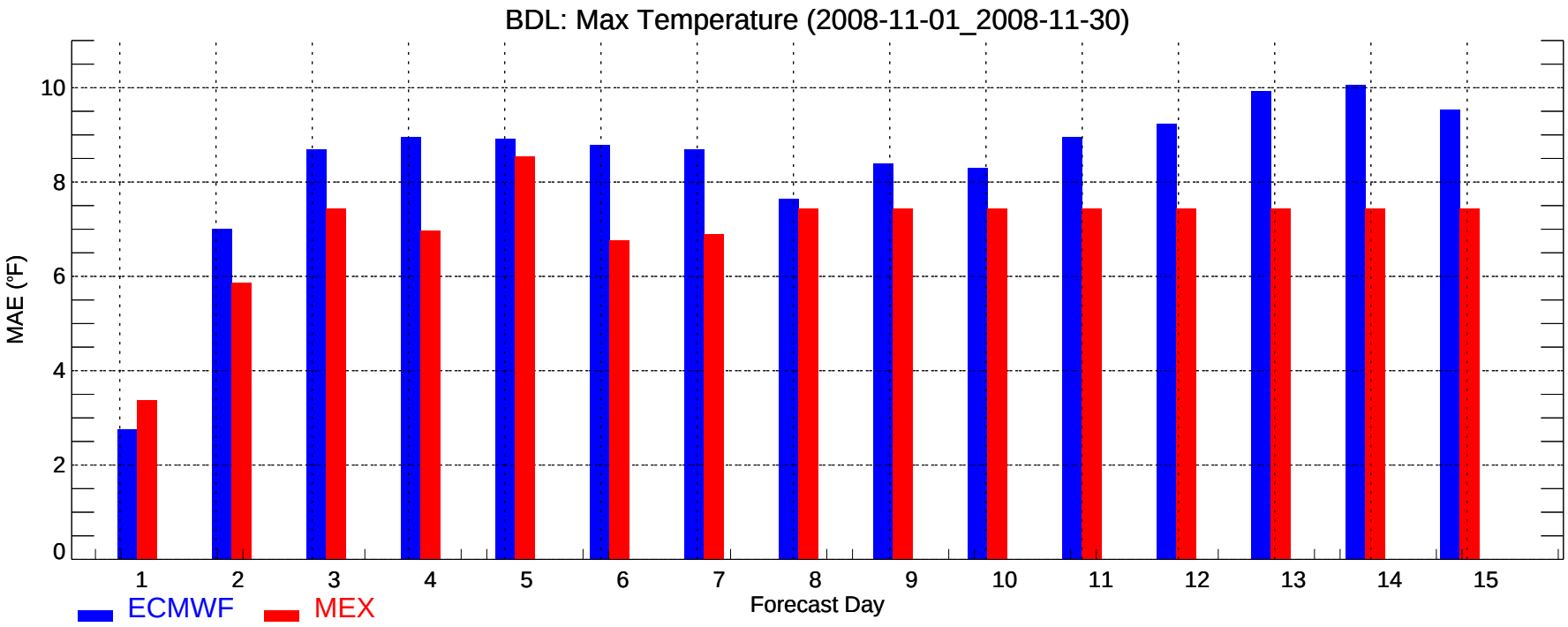
BDL: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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2
4
6
8
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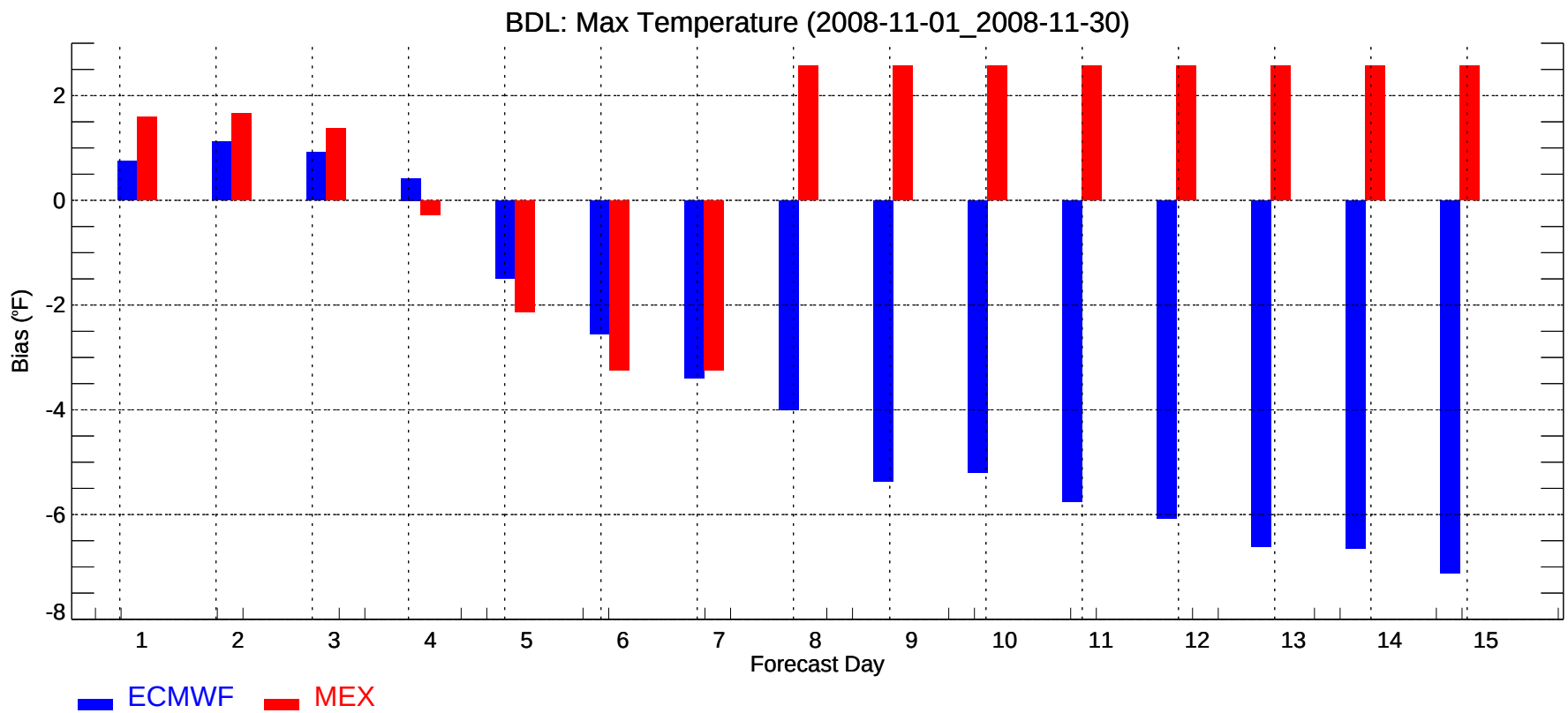
Forecast Day
ECMWF
MEX


BDL: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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-2
-4
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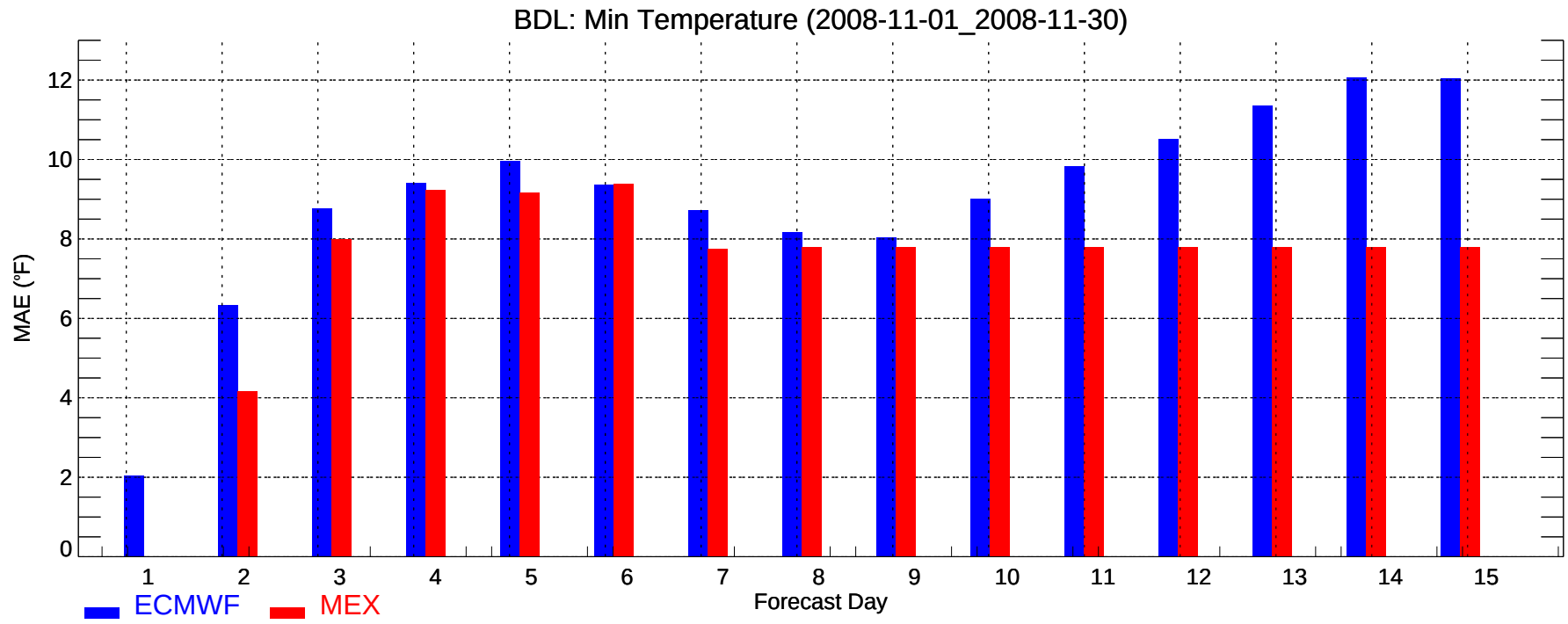
Forecast Day
ECMWF
MEX


BDL: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
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10
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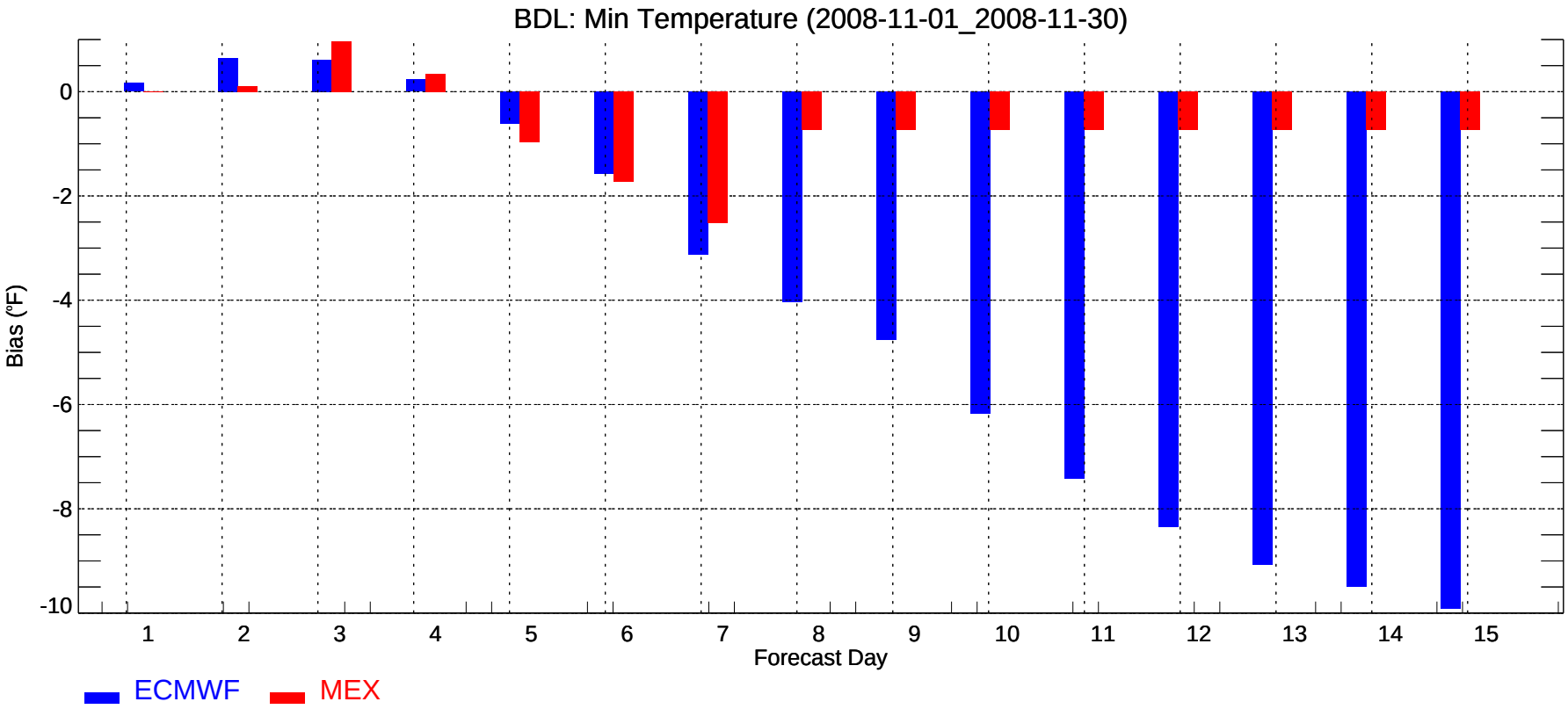
Forecast Day
ECMWF
MEX


BDL: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
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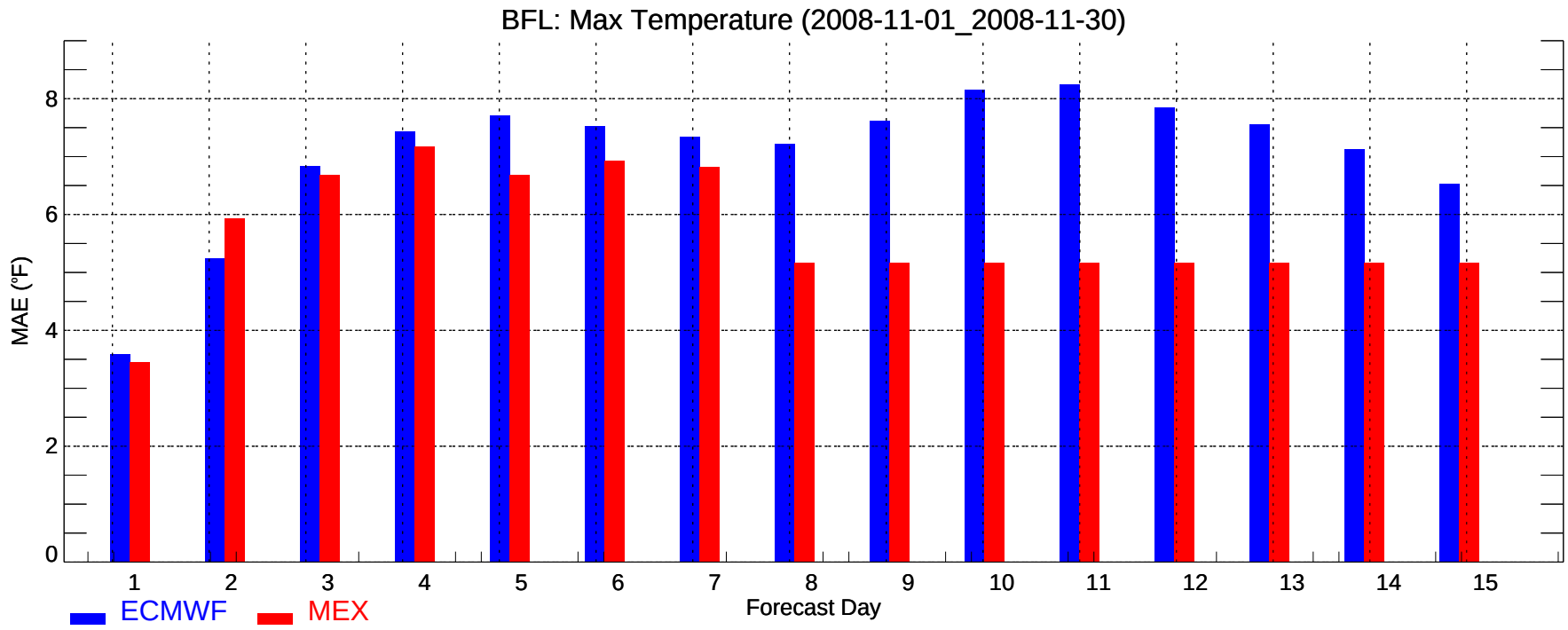
Forecast Day
ECMWF
MEX


BFL: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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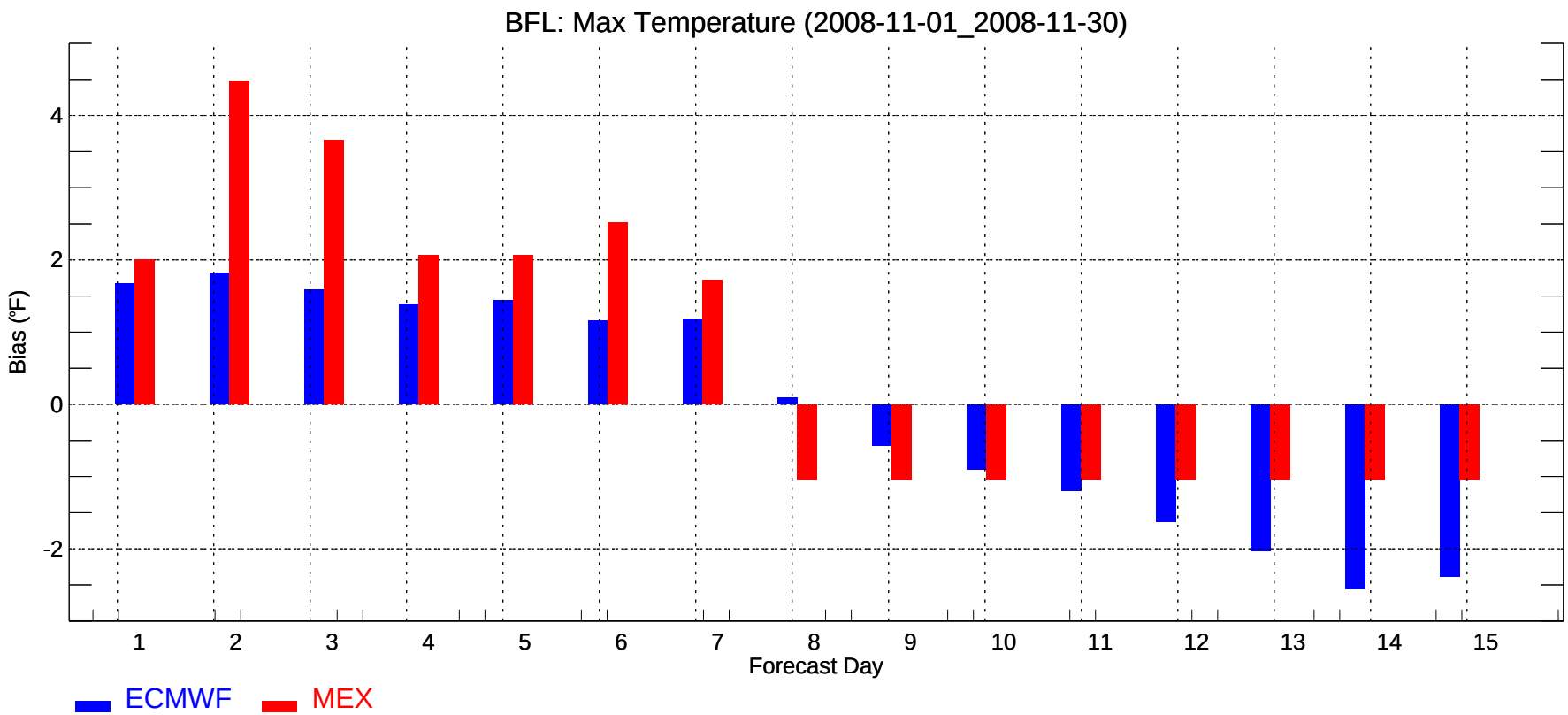
Forecast Day
ECMWF
MEX


BFL: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
-2
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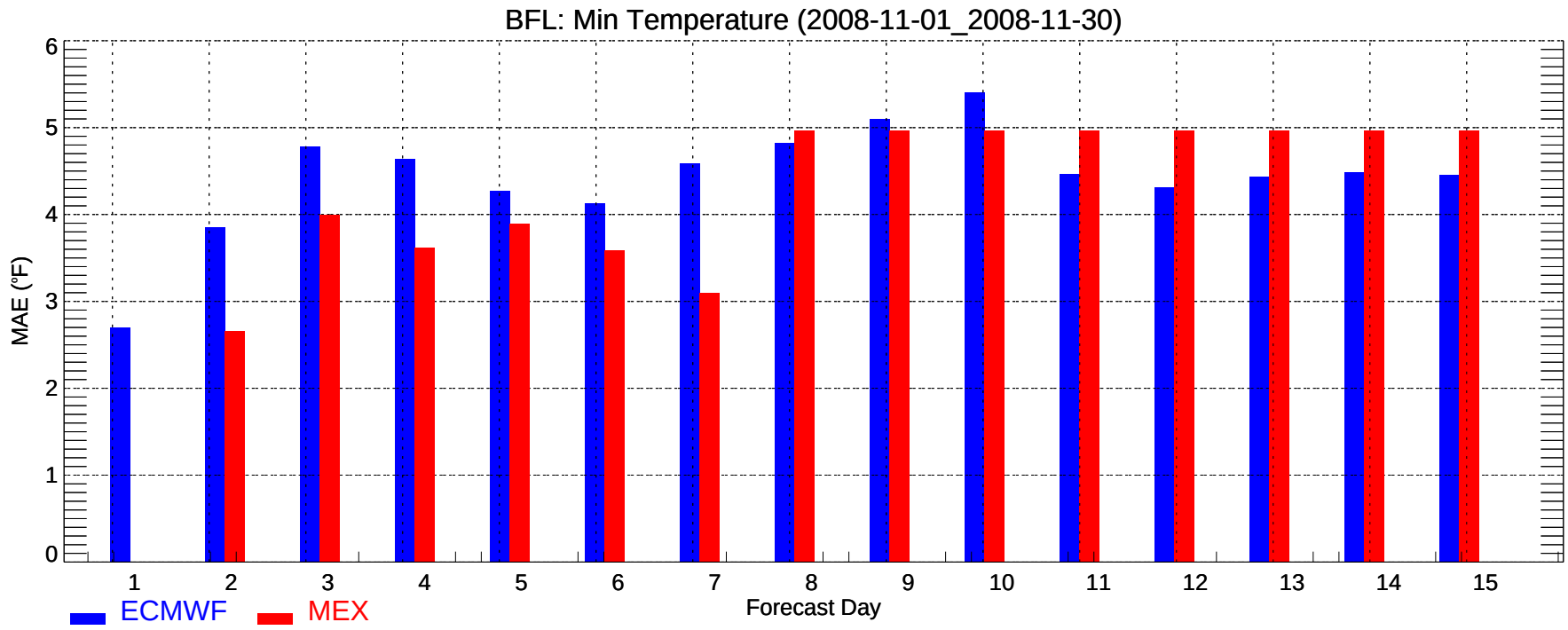
Forecast Day
ECMWF
MEX


BFL: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
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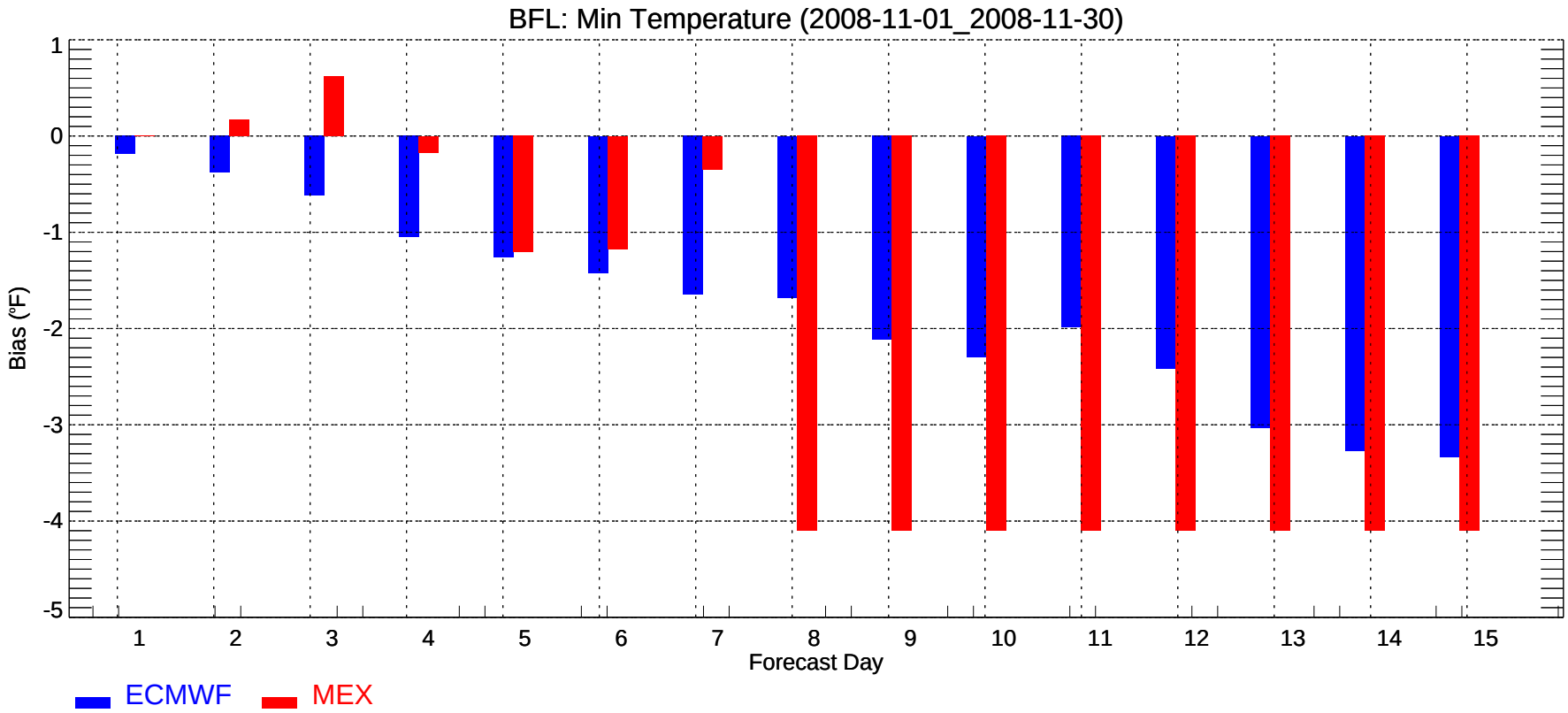
Forecast Day
ECMWF
MEX


BFL: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
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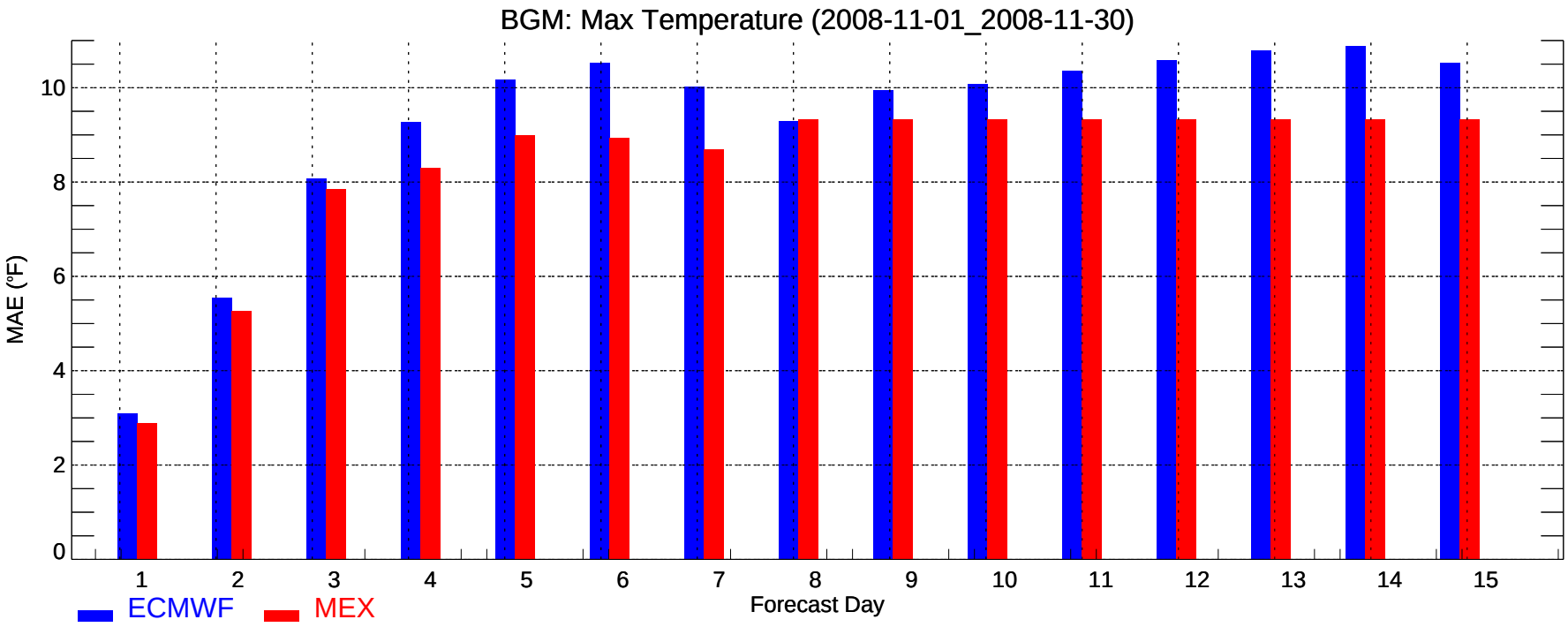
Forecast Day
ECMWF
MEX


BGM: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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8
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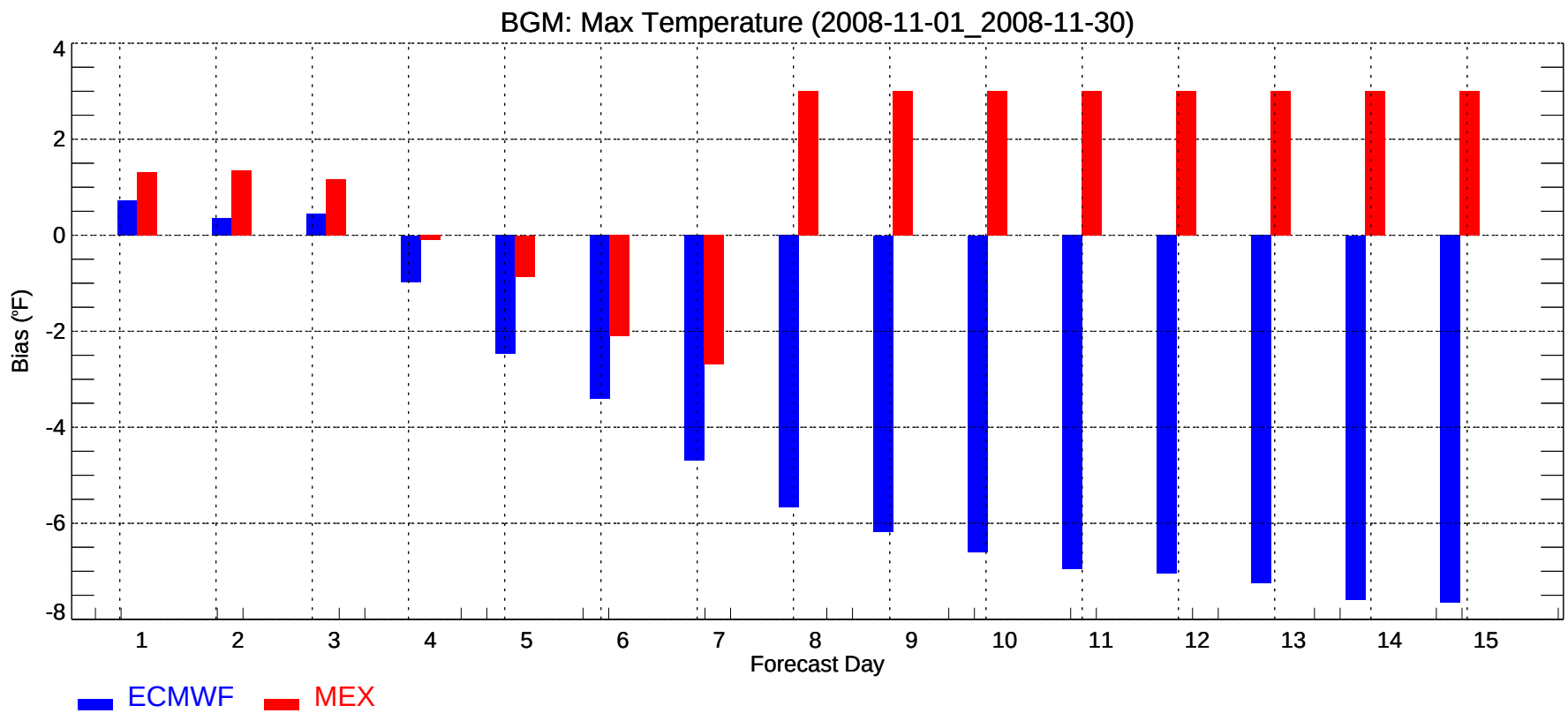
Forecast Day
ECMWF
MEX


BGM: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
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-2
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-6
-8
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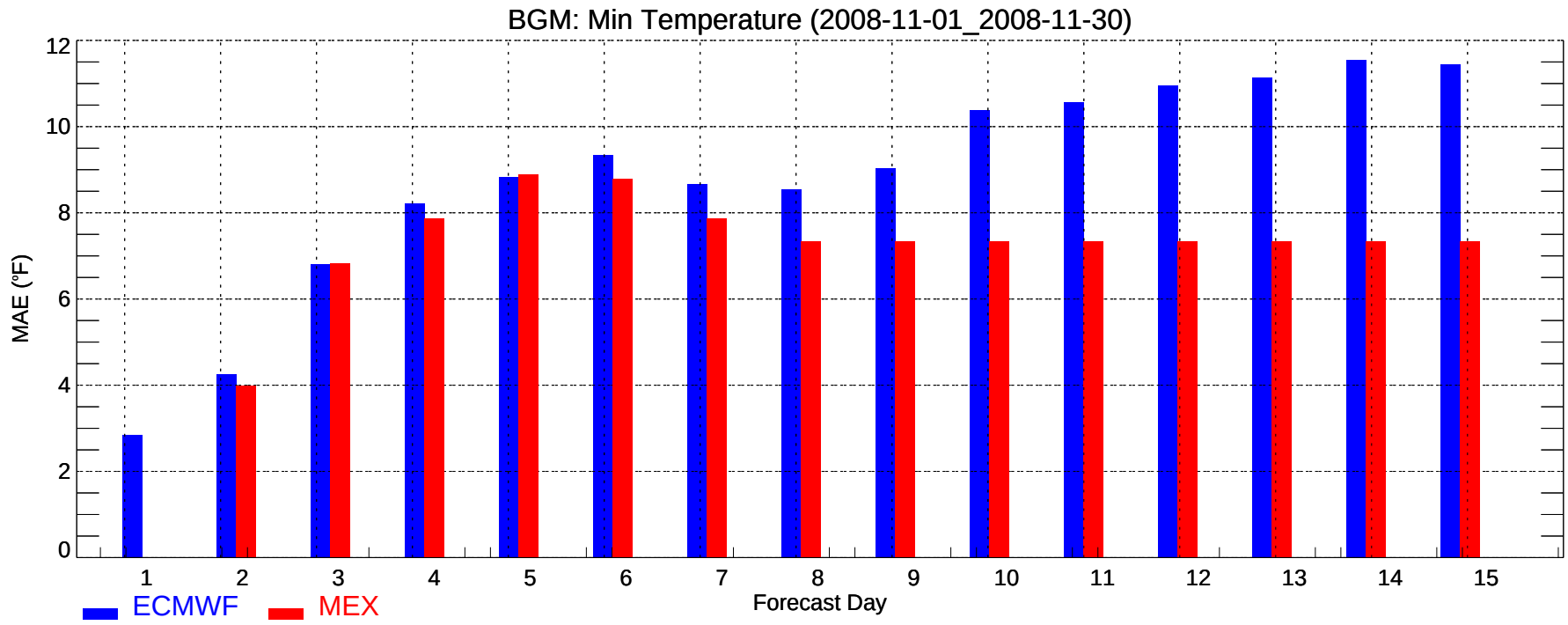
Forecast Day
ECMWF
MEX


BGM: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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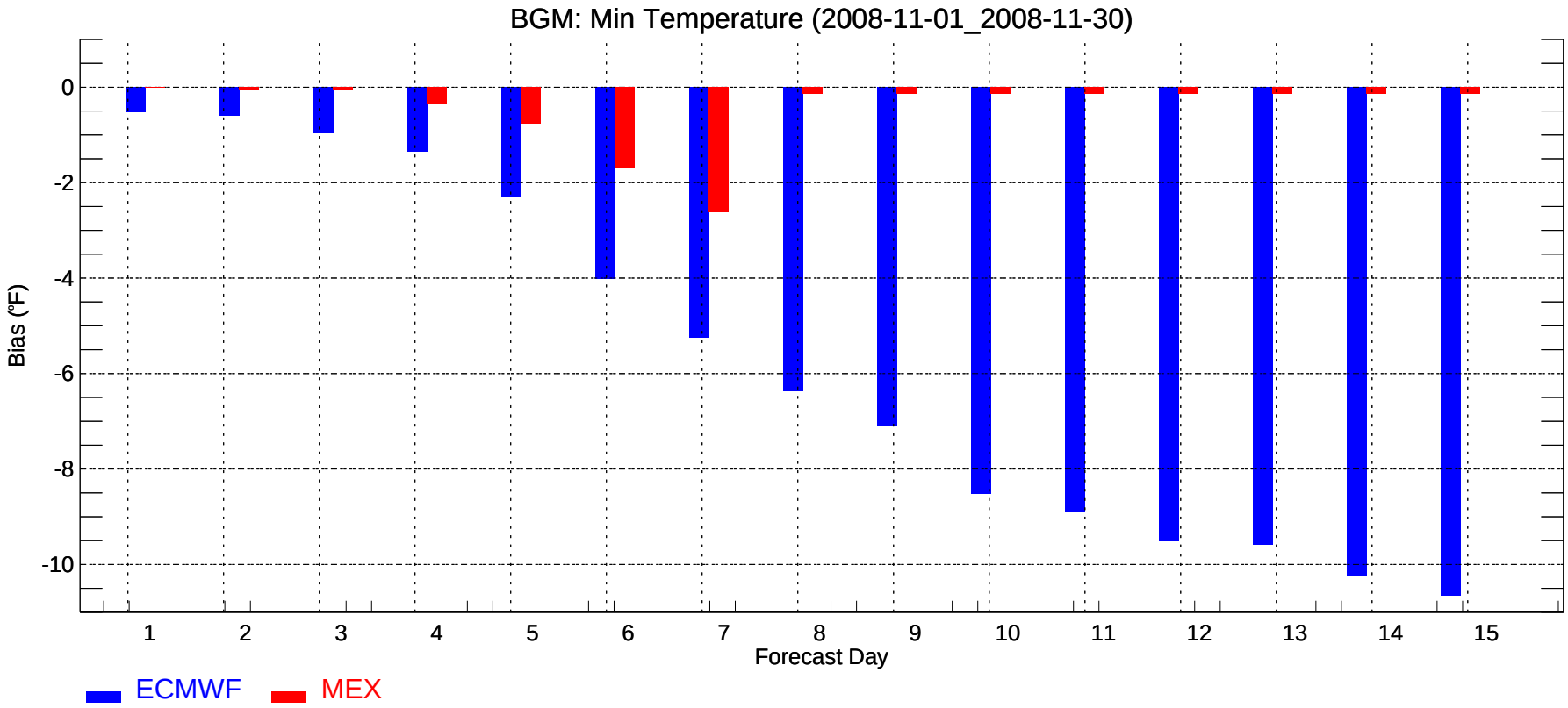
Forecast Day
ECMWF
MEX


BGM: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
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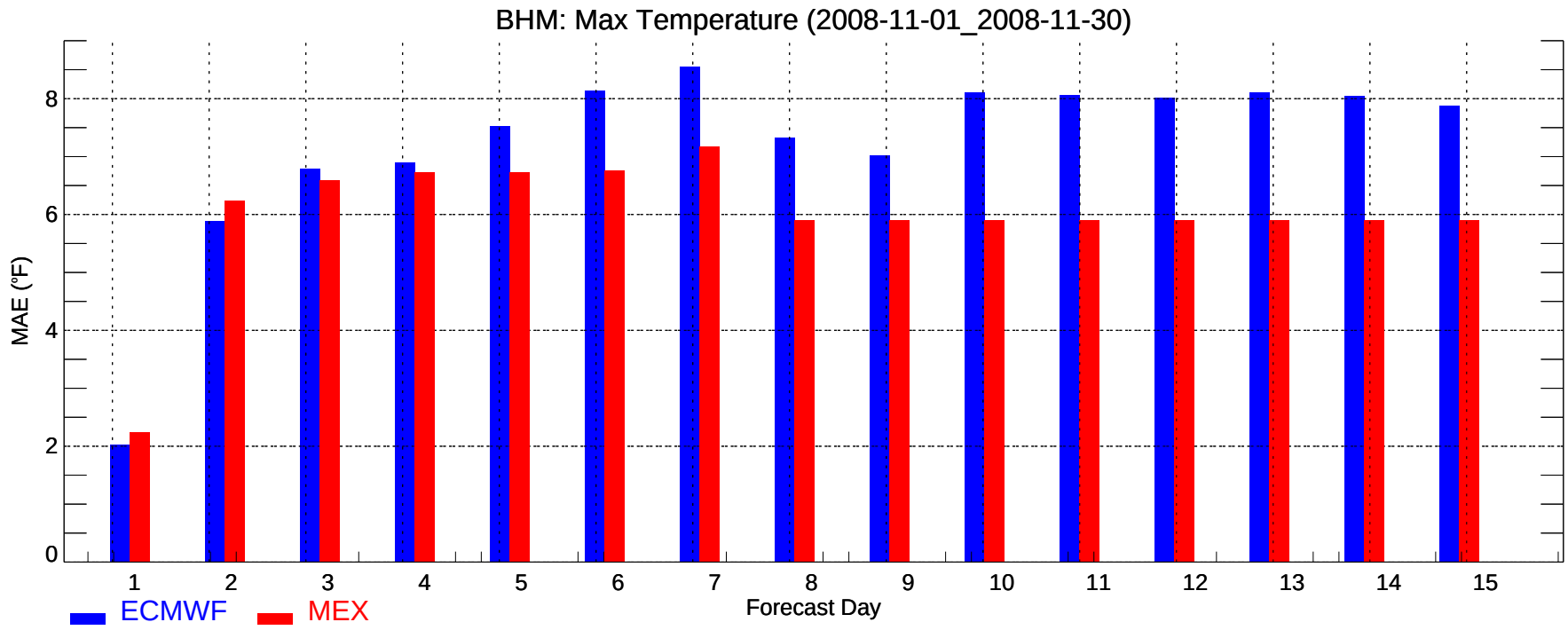
Forecast Day
ECMWF
MEX


BHM: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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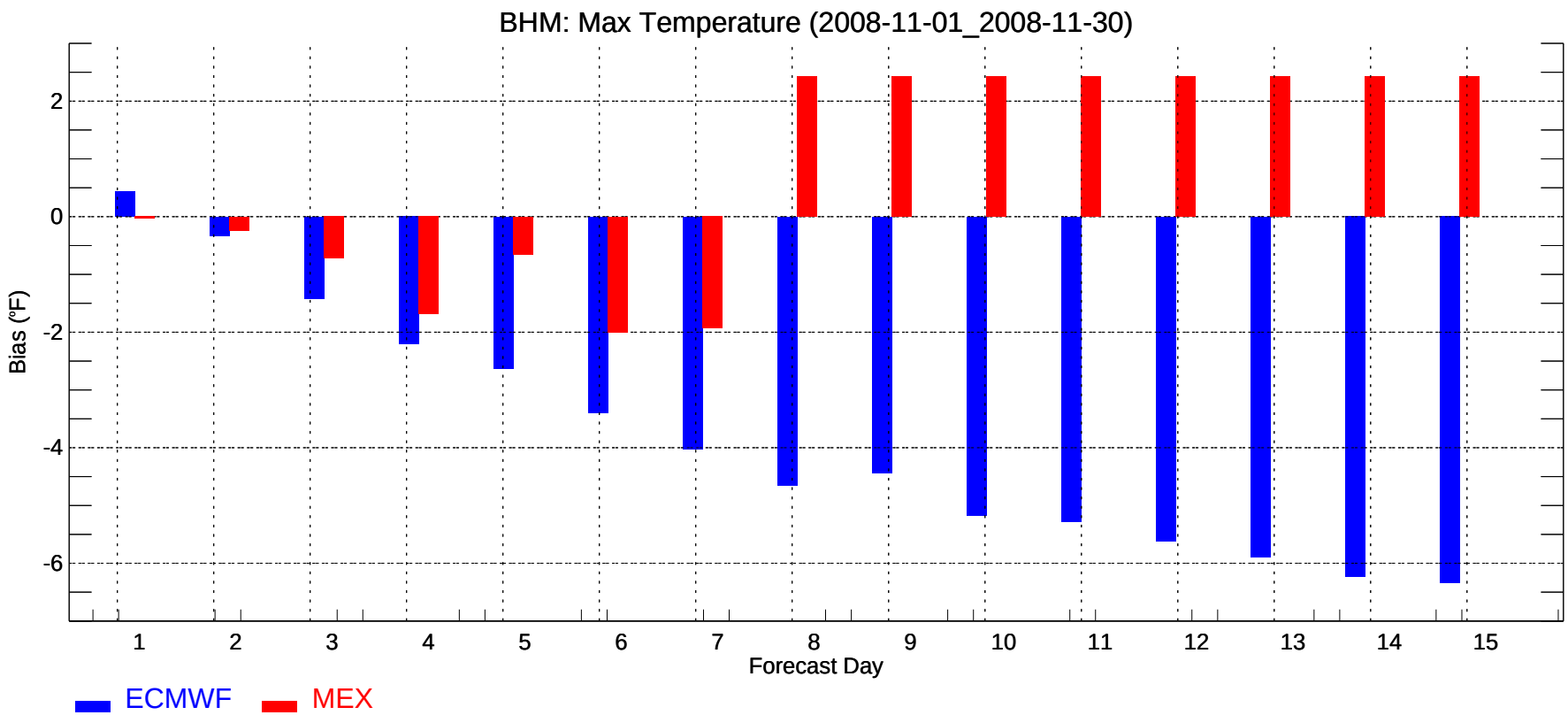
Forecast Day
ECMWF
MEX


BHM: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
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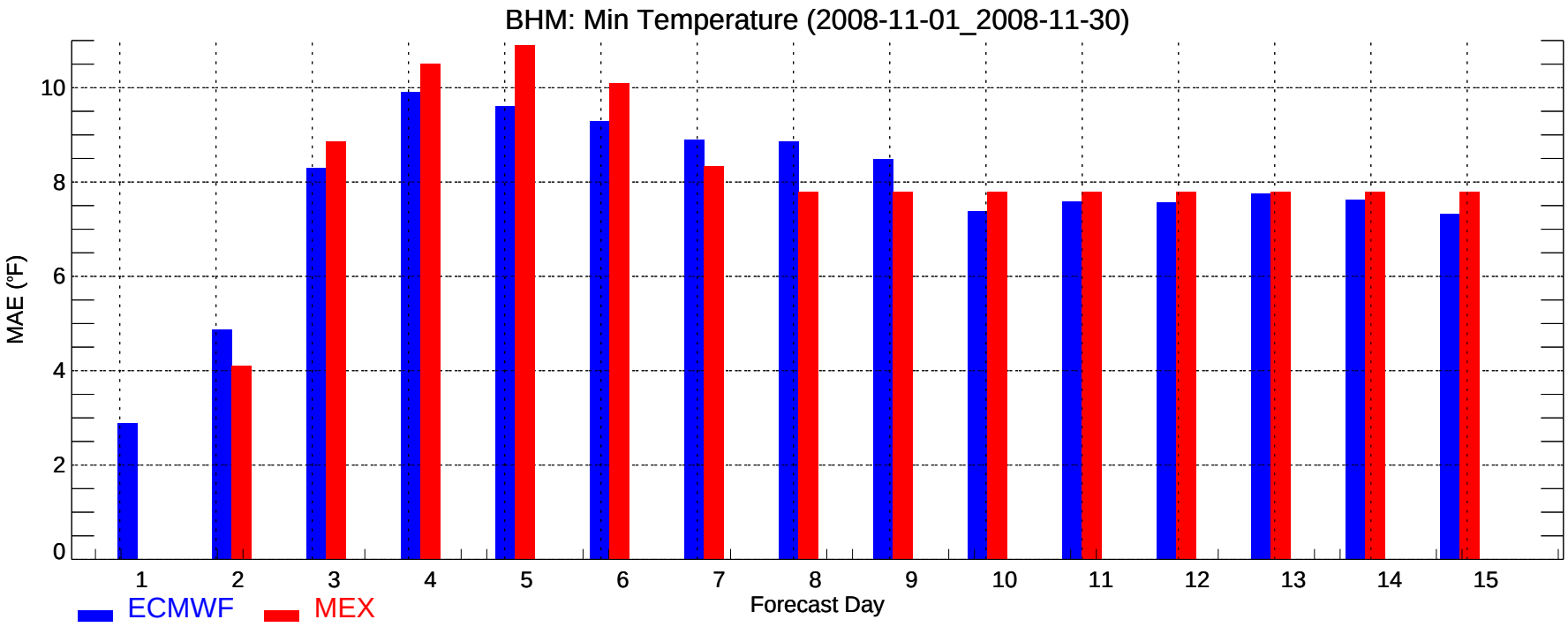
Forecast Day
ECMWF
MEX


BHM: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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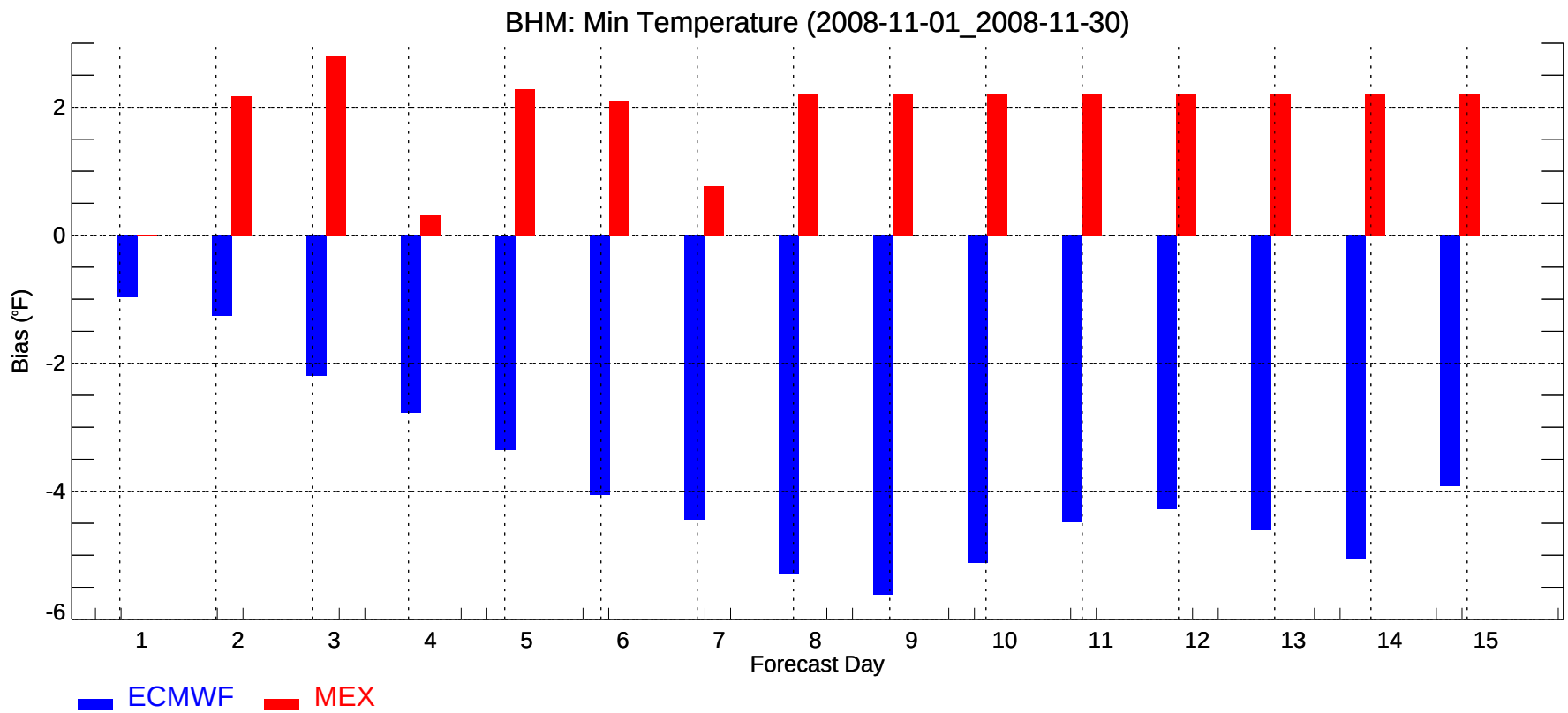
Forecast Day
ECMWF
MEX


BHM: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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-2
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-6
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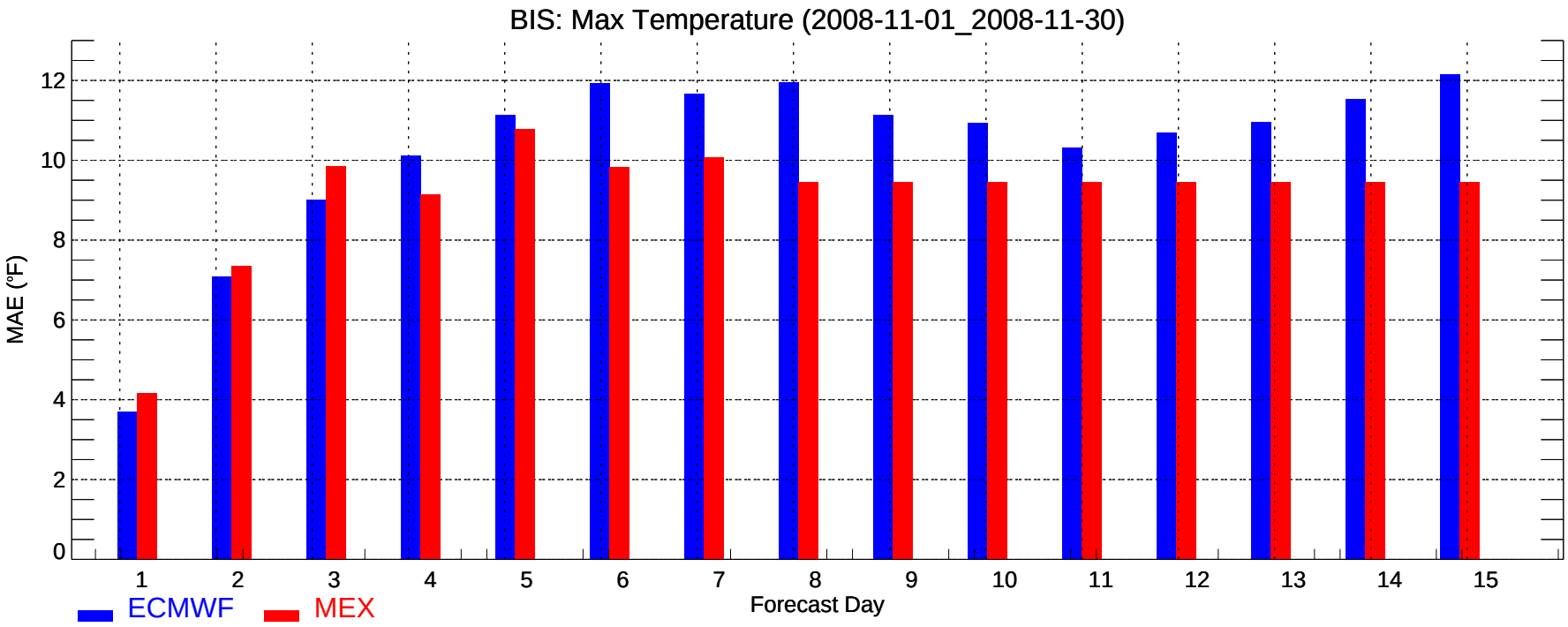
Forecast Day
ECMWF
MEX


BIS: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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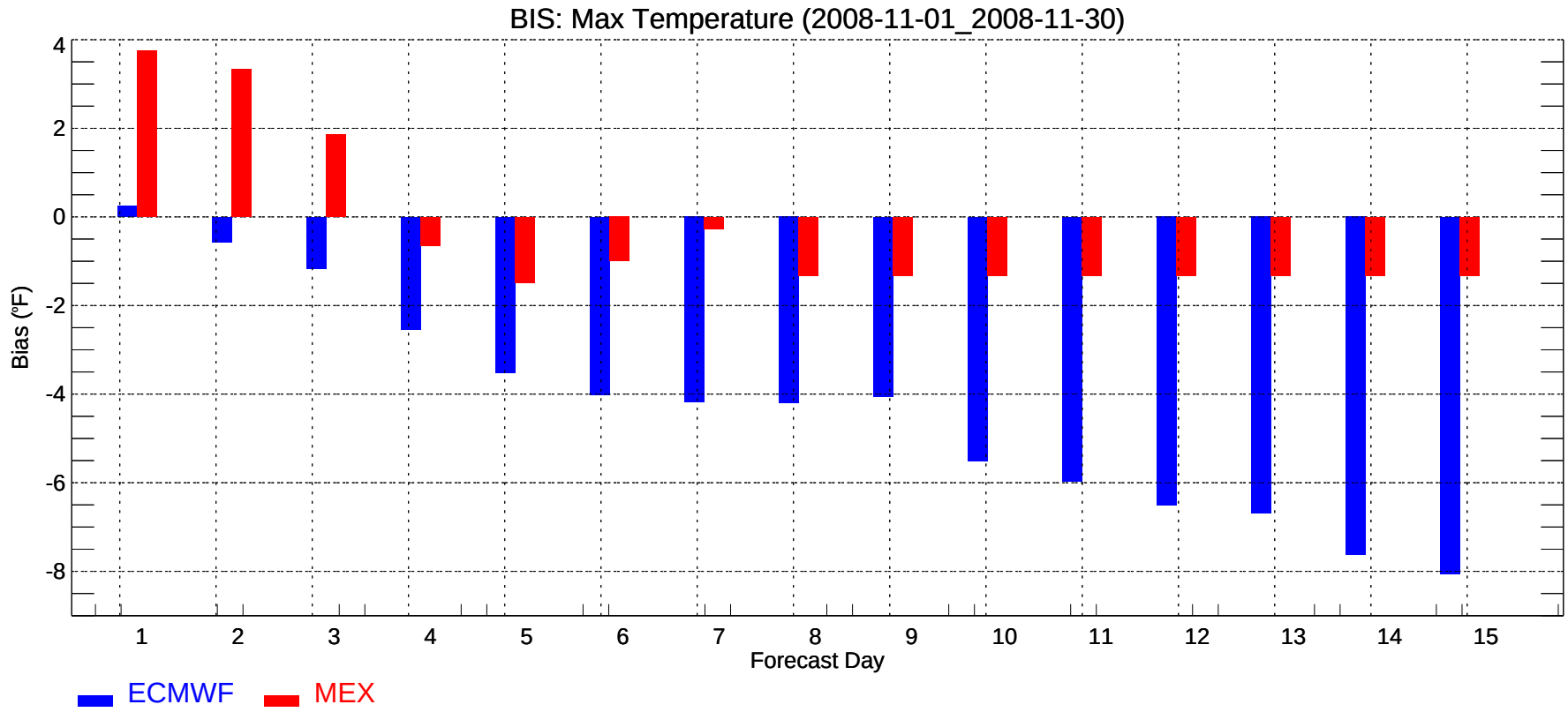
Forecast Day
ECMWF
MEX


BIS: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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-2
-4
-6
-8
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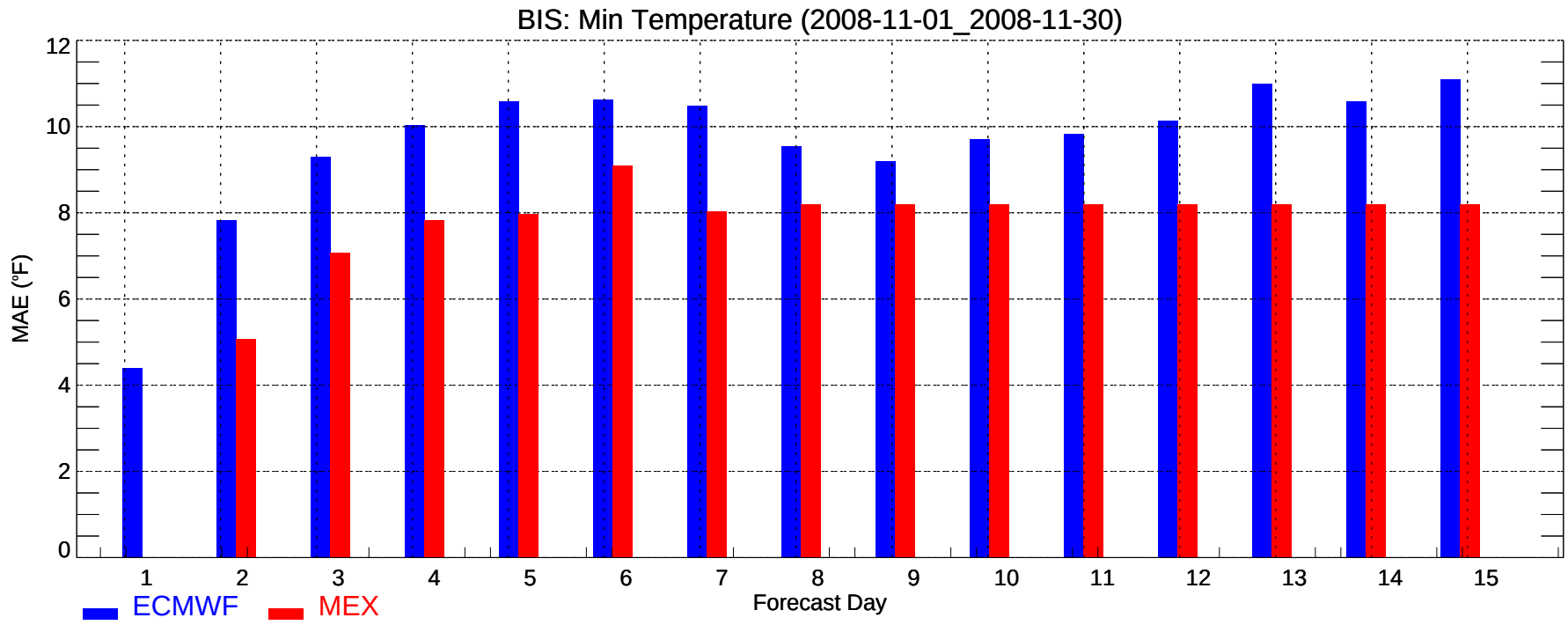
Forecast Day
ECMWF
MEX


BIS: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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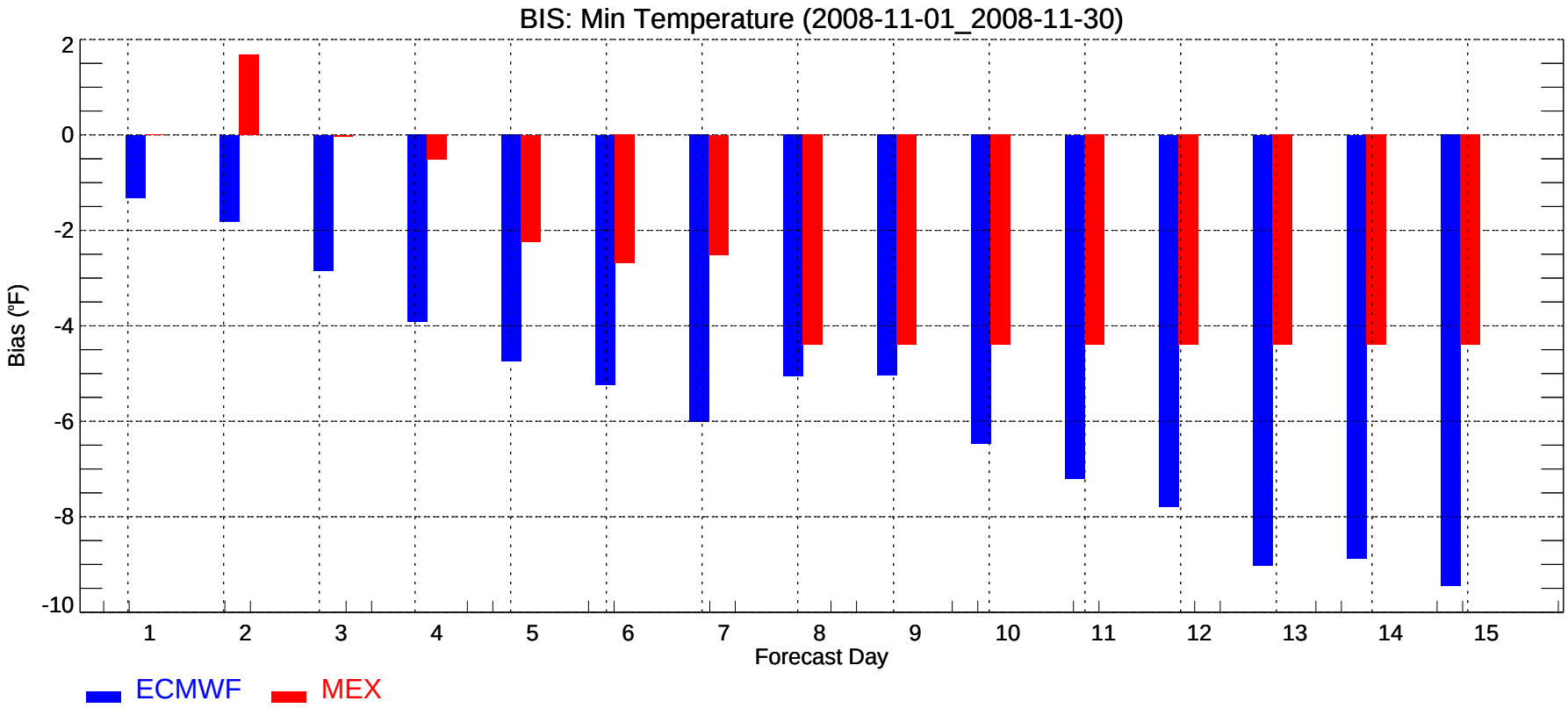
Forecast Day
ECMWF
MEX


BIS: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
ECMWF
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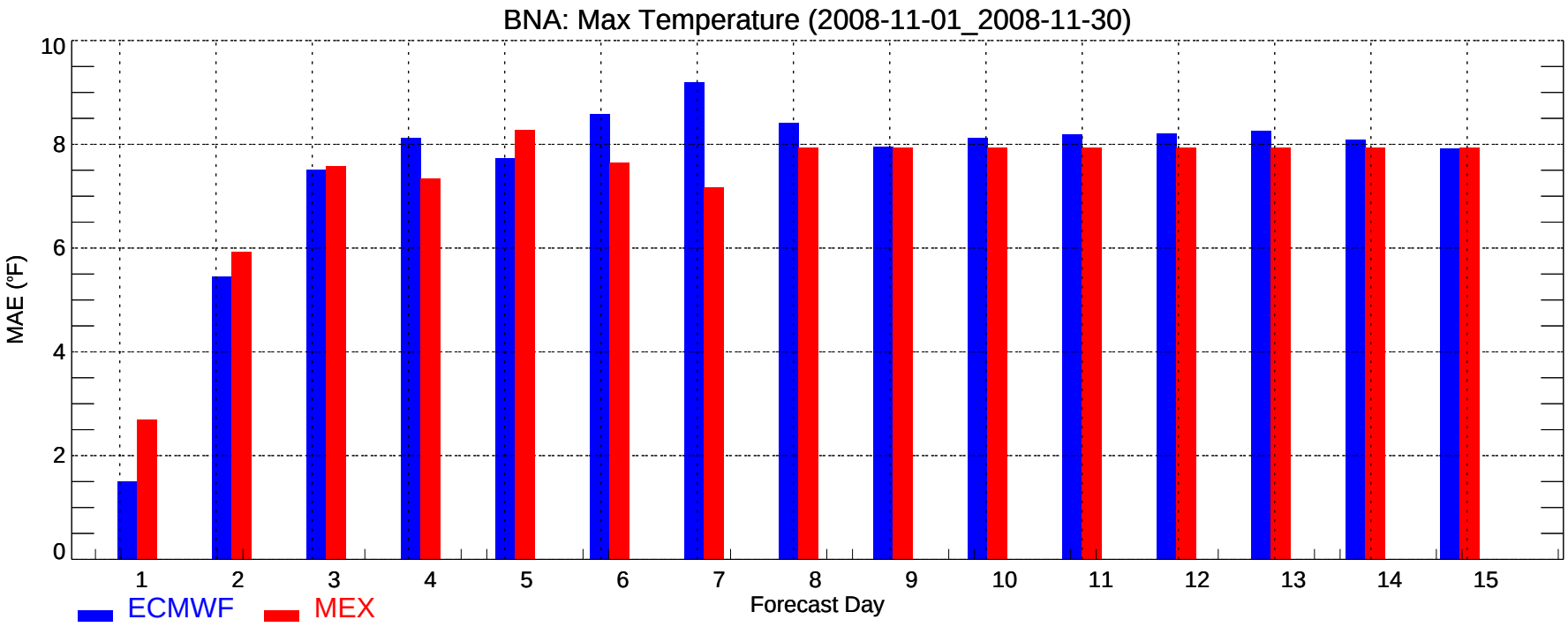
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MAE (°F)
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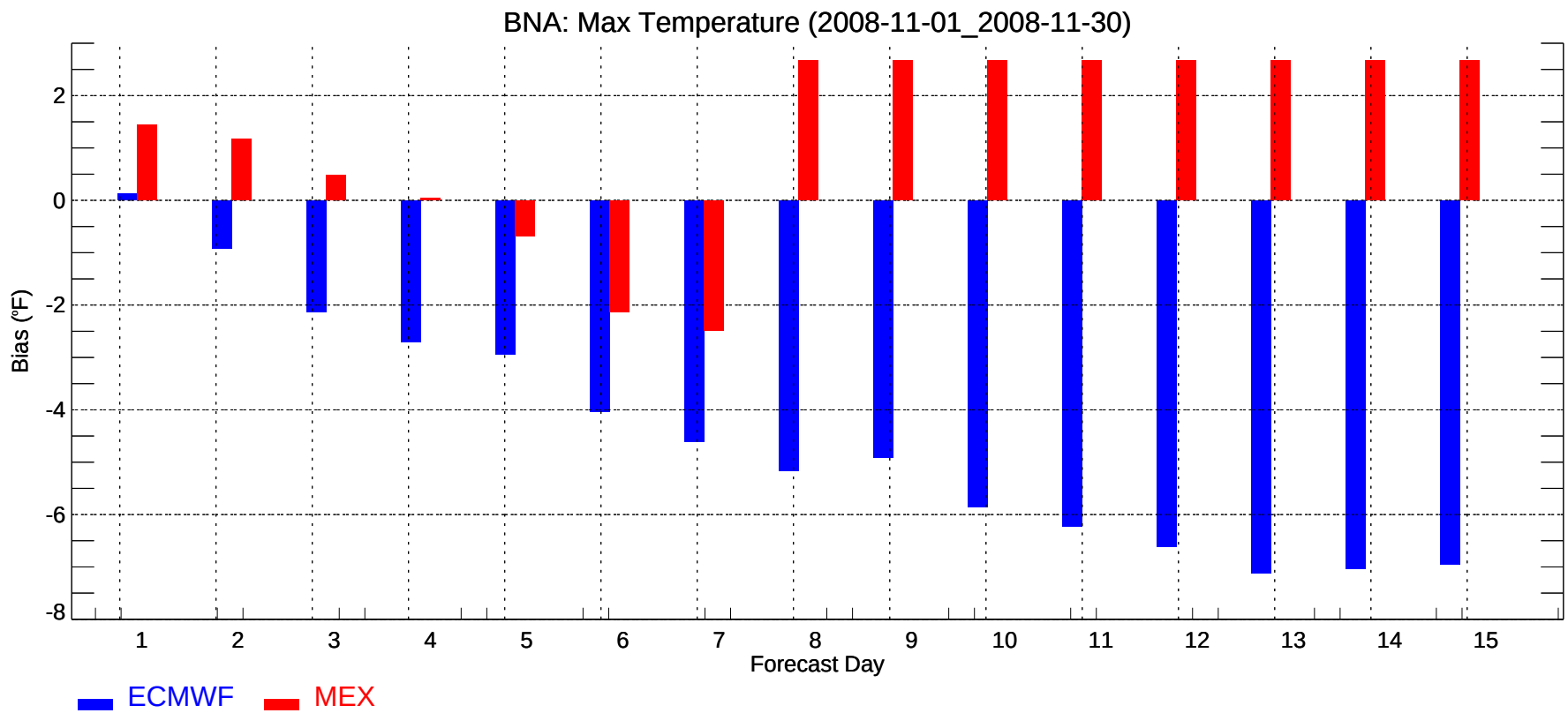
Forecast Day
ECMWF
MEX


BNA: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
ECMWF
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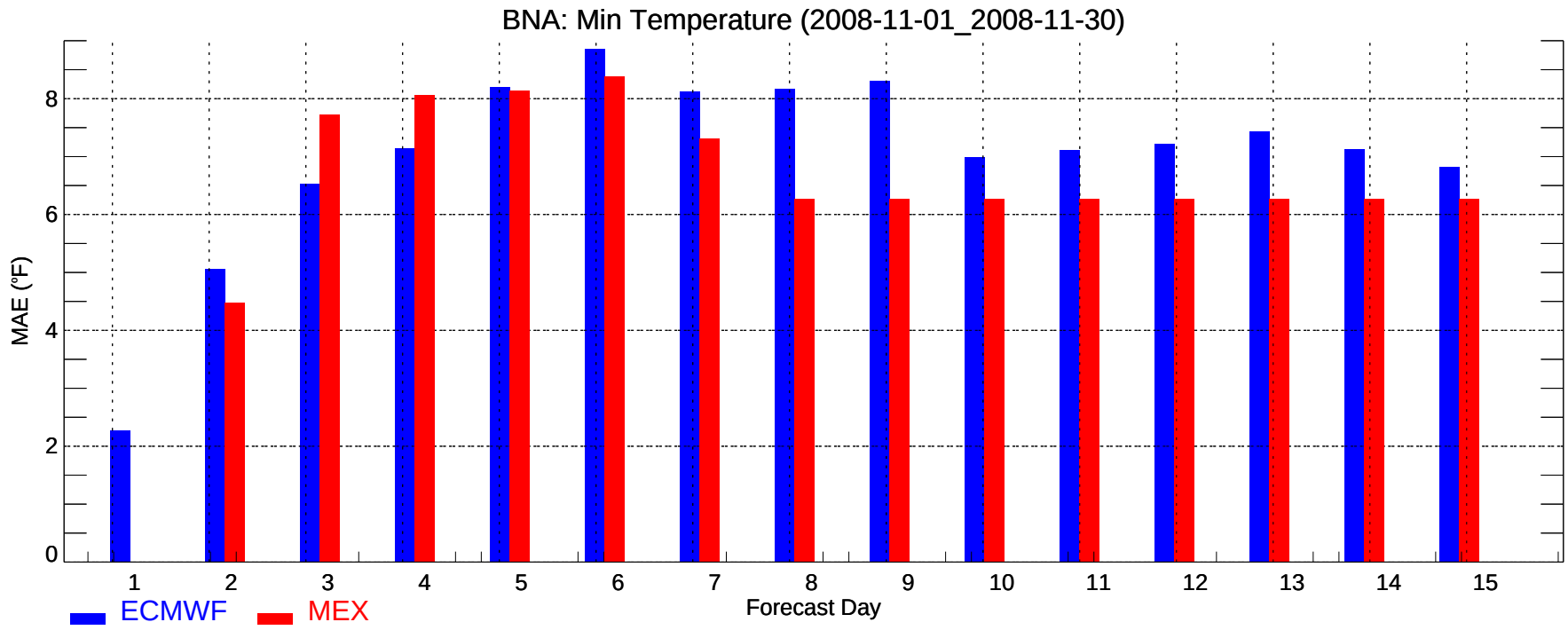
BNA: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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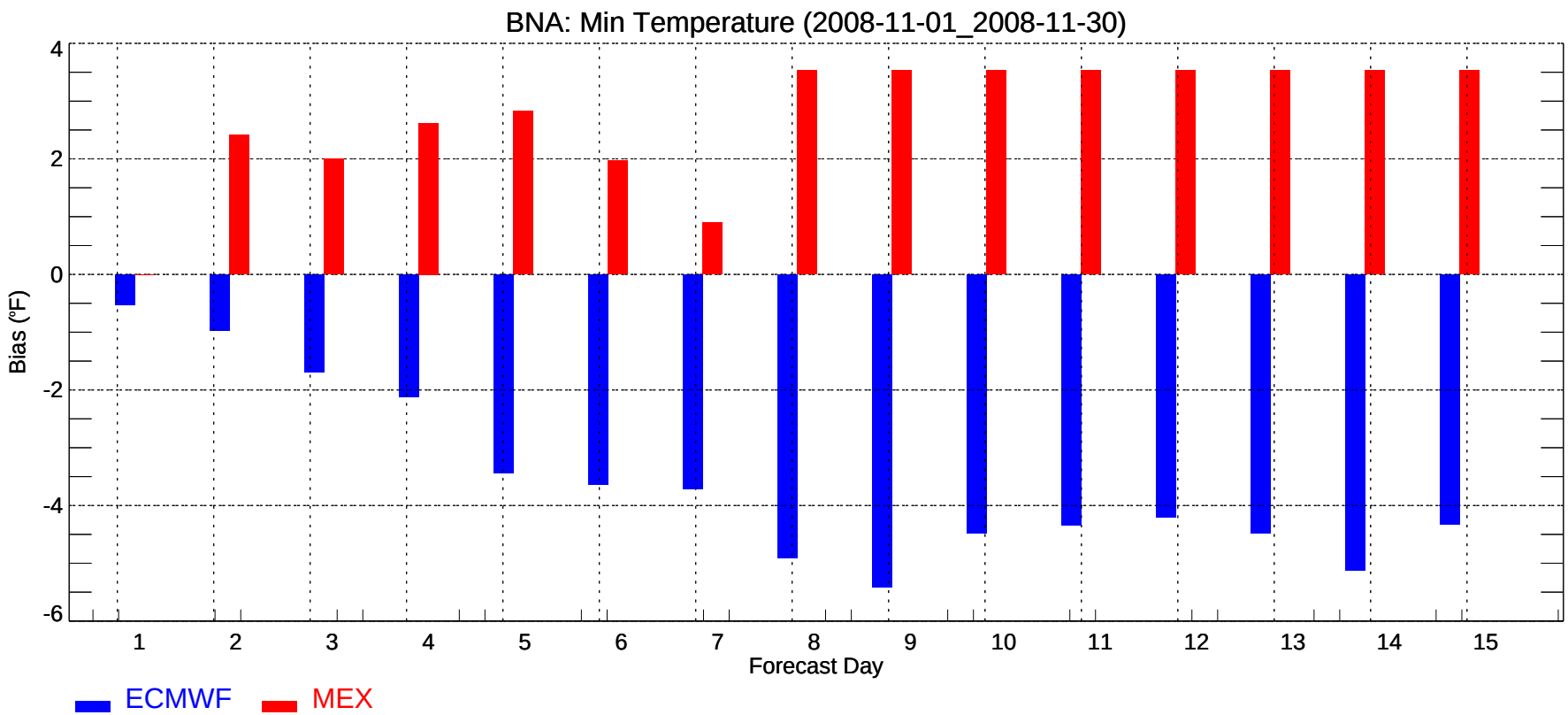
Forecast Day
ECMWF
MEX


BNA: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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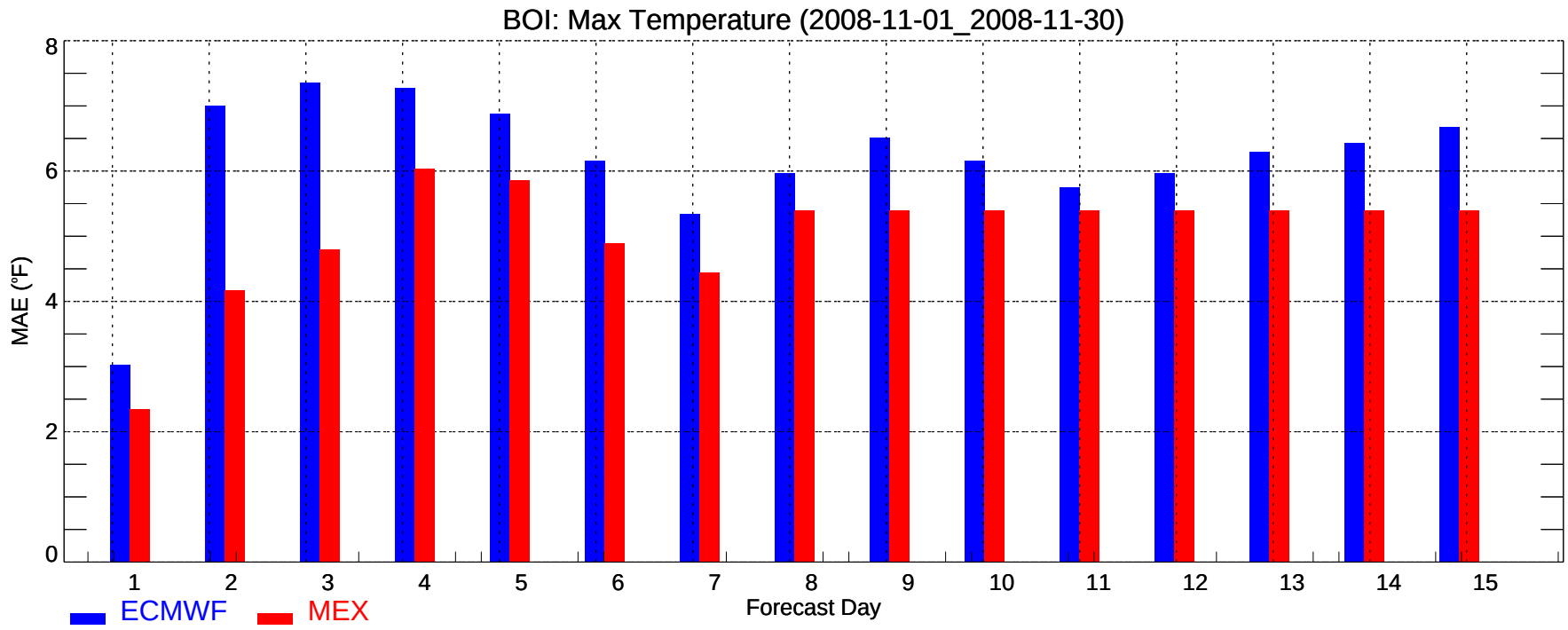
Forecast Day
ECMWF
MEX


BOI: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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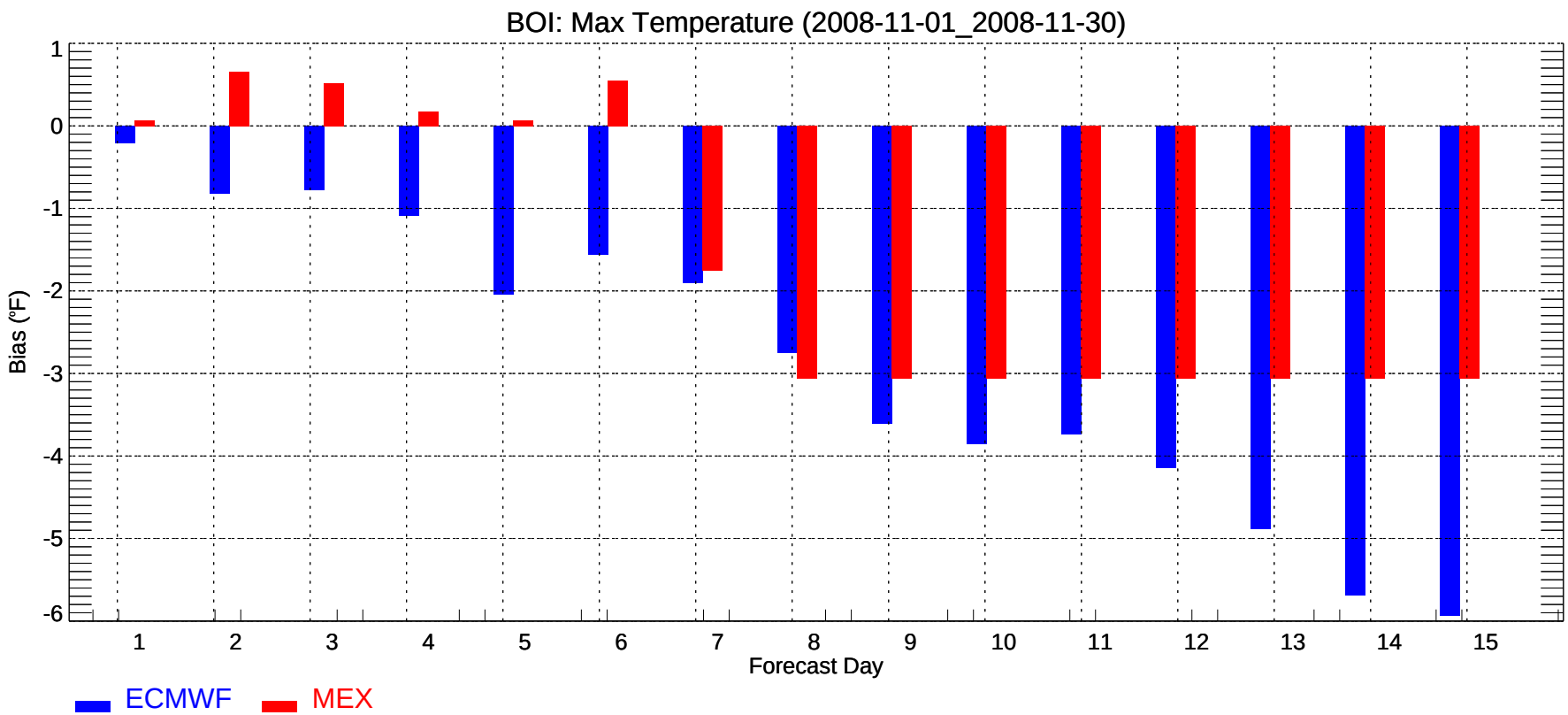
Forecast Day
ECMWF
MEX


BOI: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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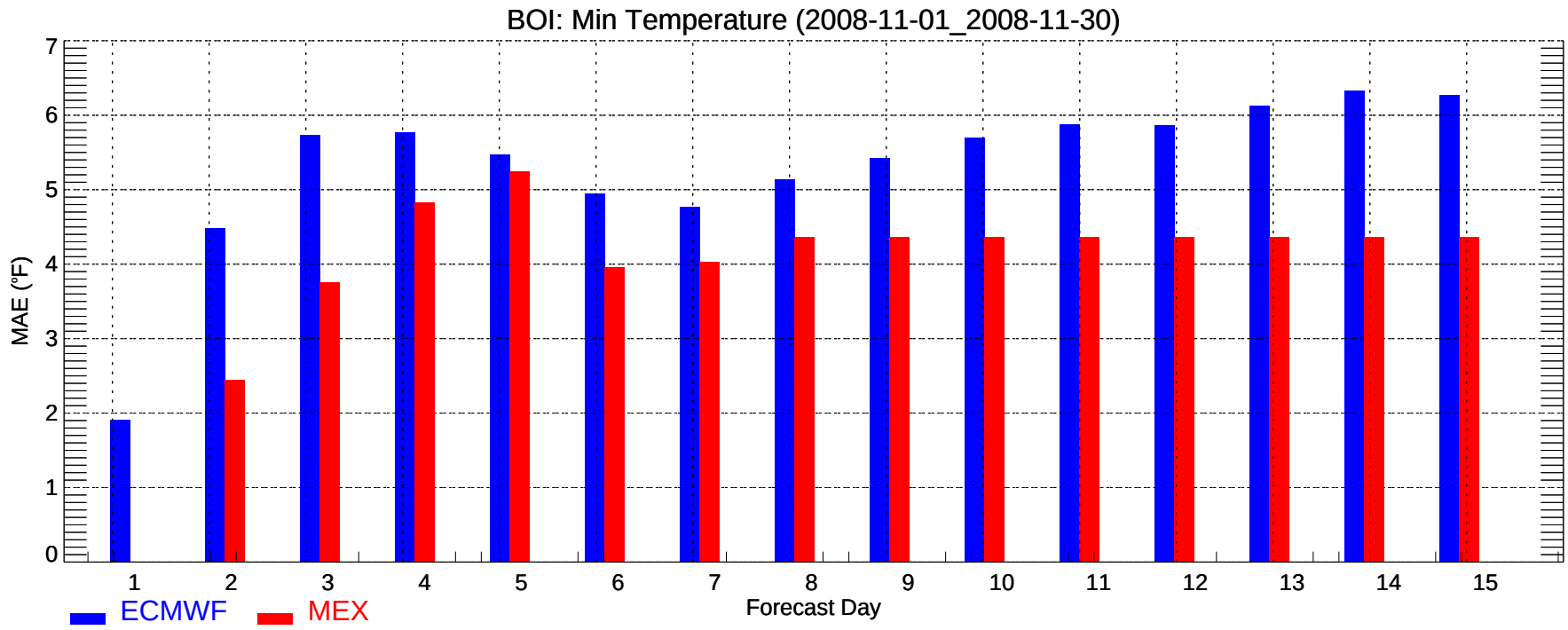
Forecast Day
ECMWF
MEX


BOI: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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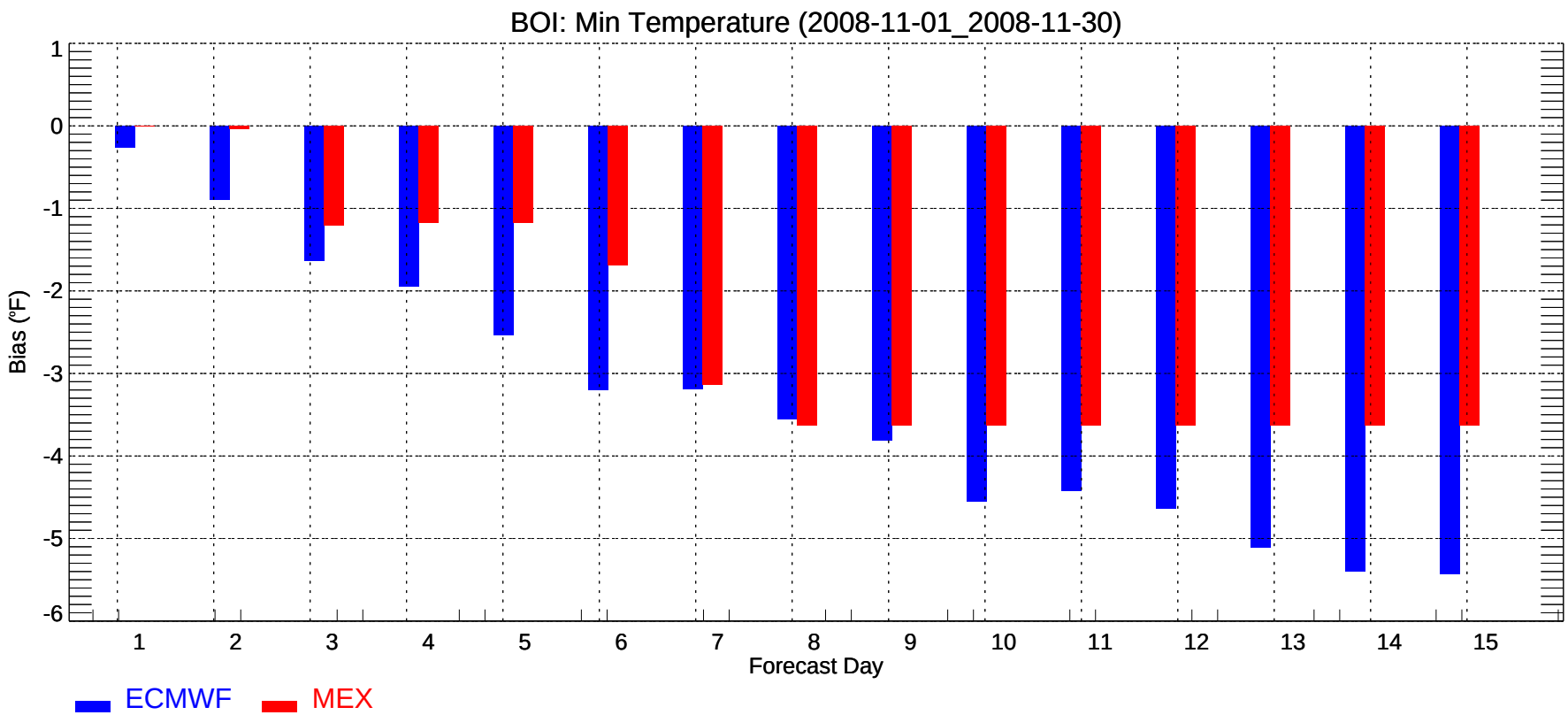
Forecast Day
ECMWF
MEX


BOI: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
ECMWF
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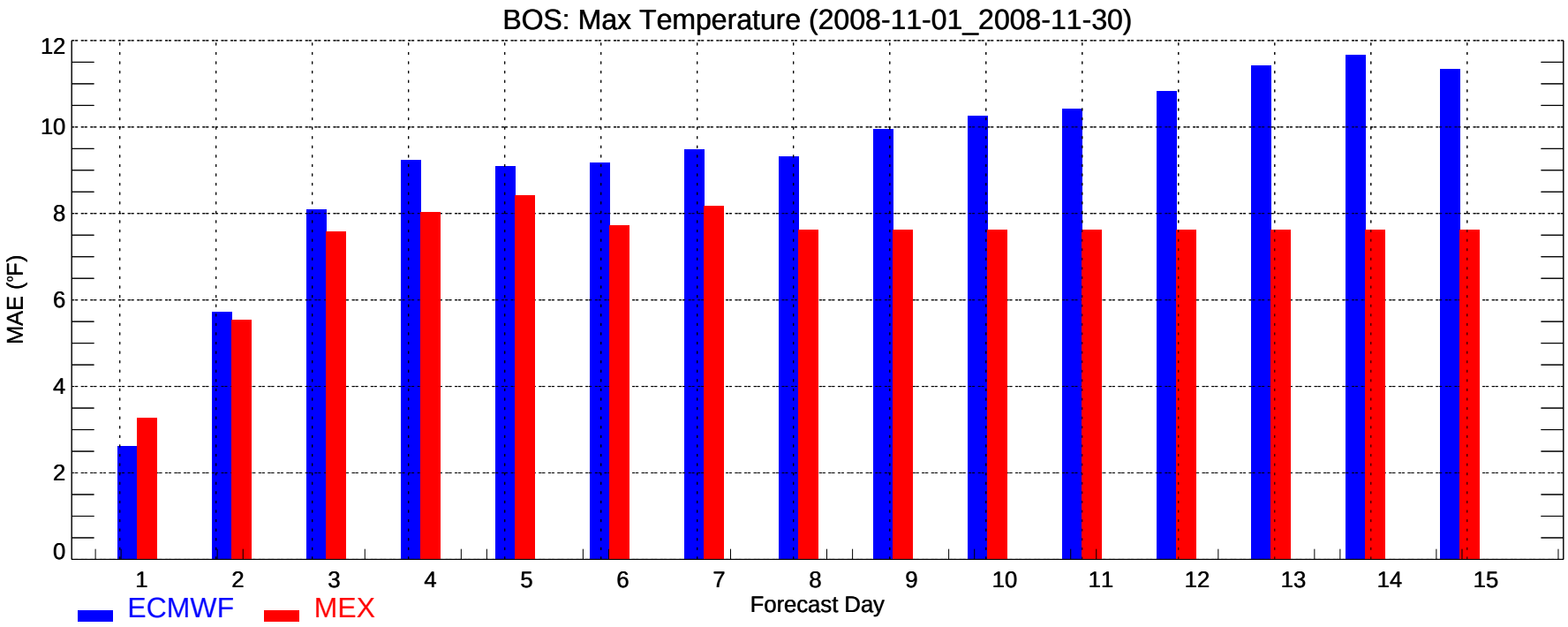
BOS: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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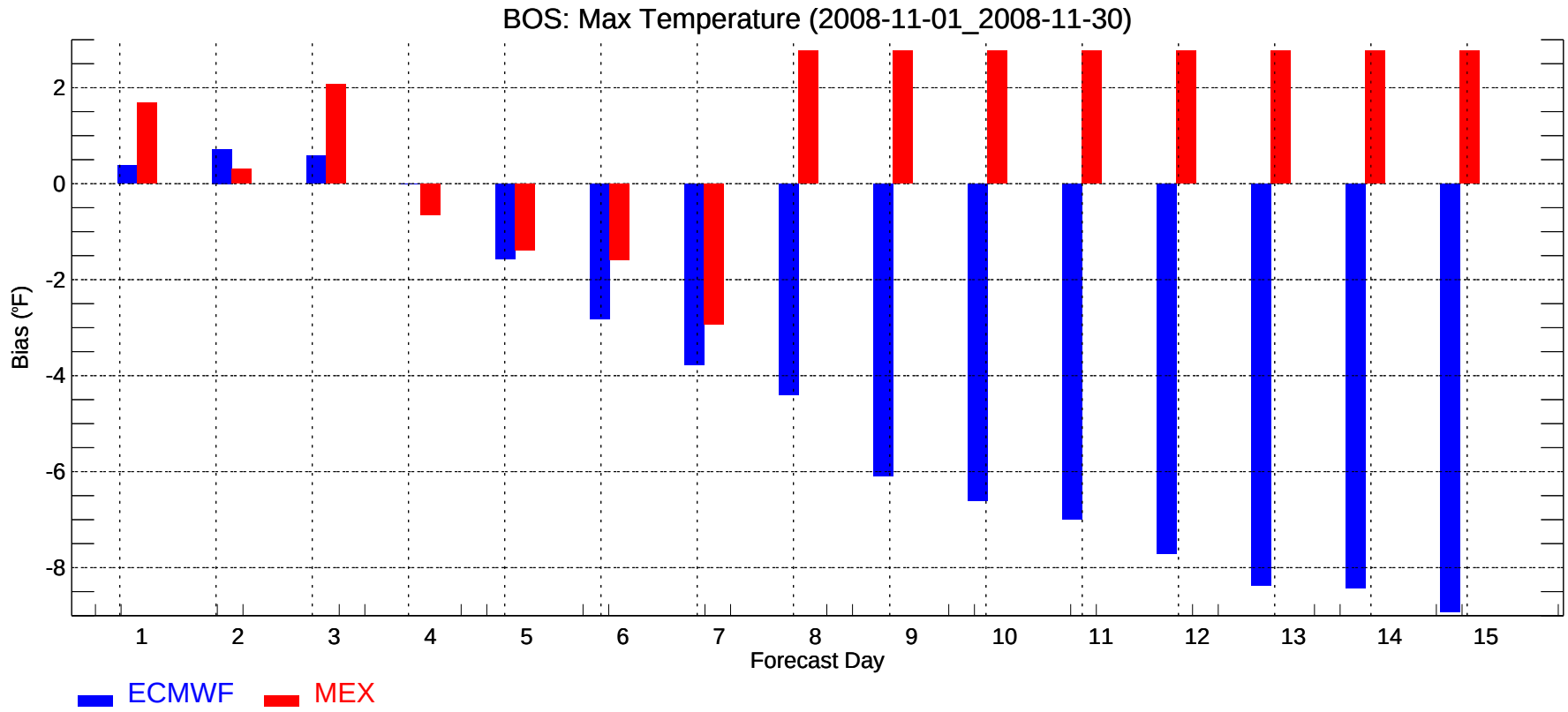
Forecast Day
ECMWF
MEX


BOS: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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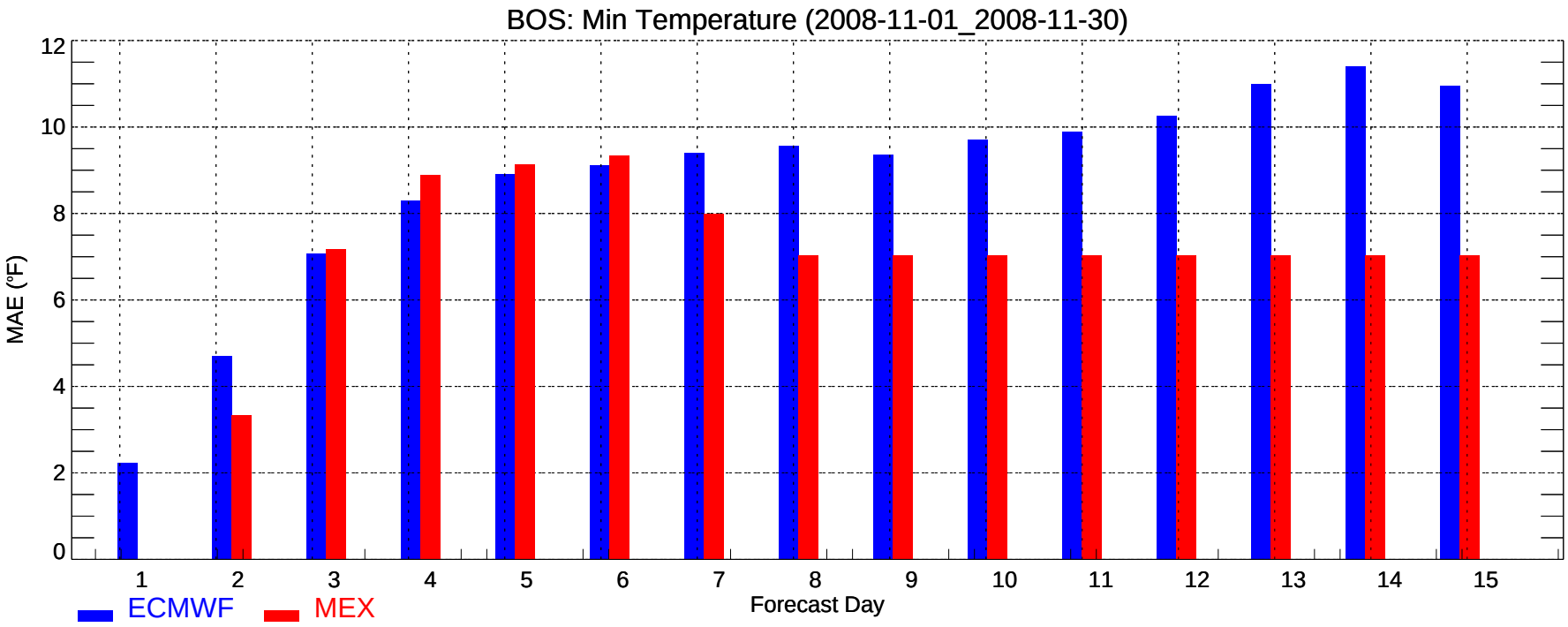
Forecast Day
ECMWF
MEX


BOS: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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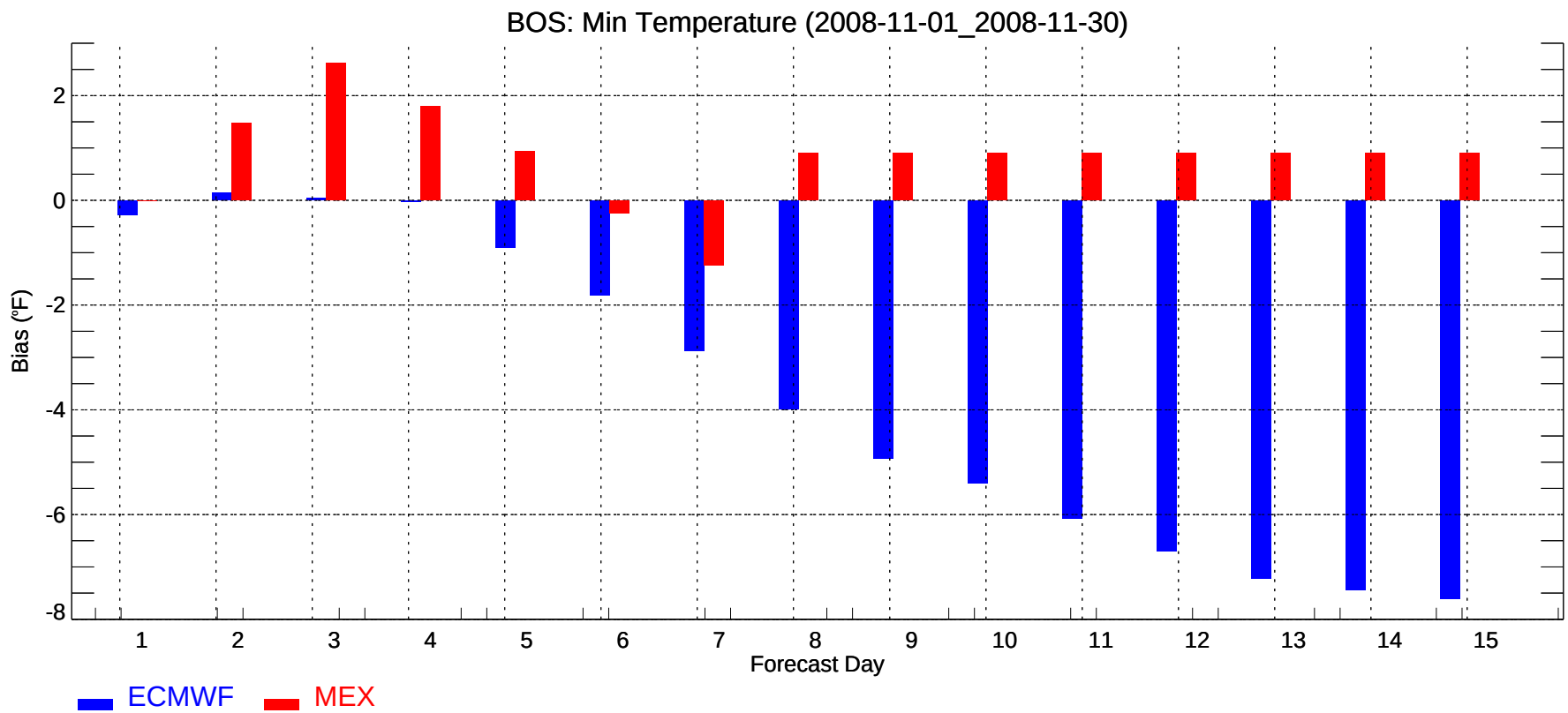
Forecast Day
ECMWF
MEX


BOS: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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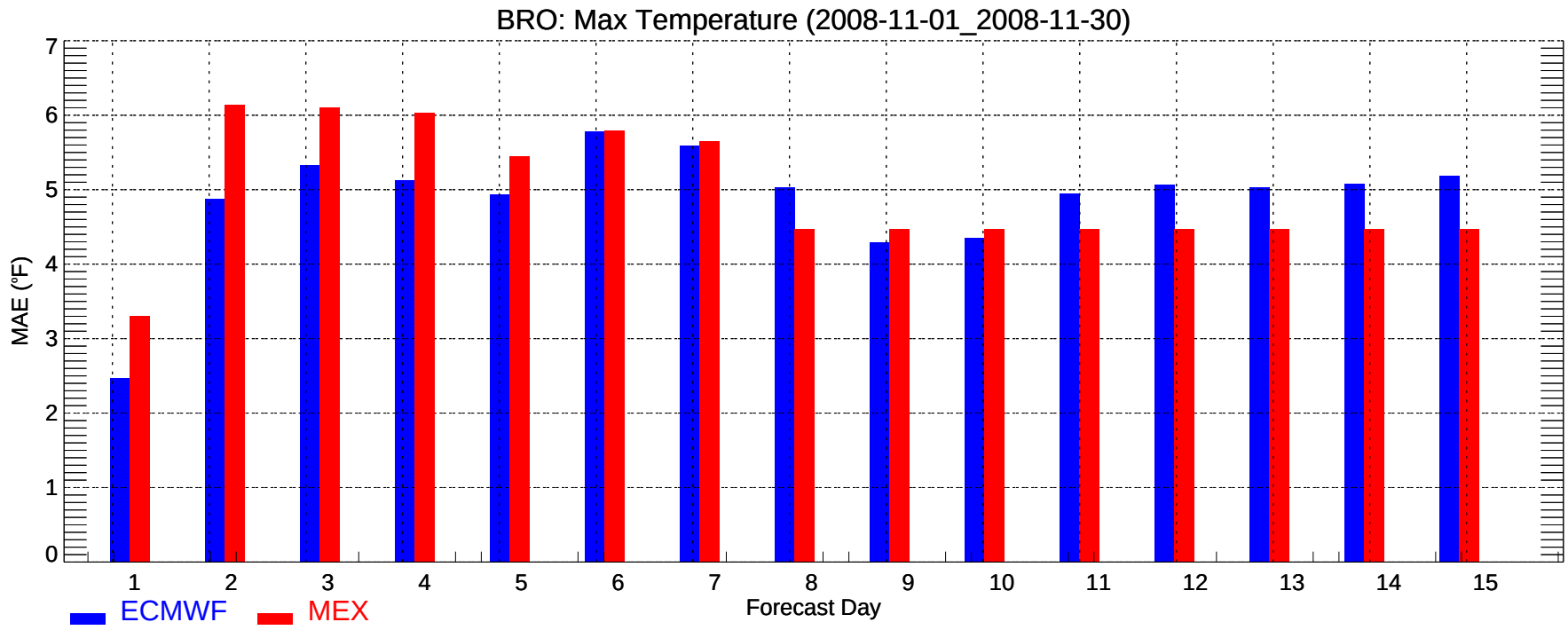
Forecast Day
ECMWF
MEX


BRO: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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Forecast Day
ECMWF
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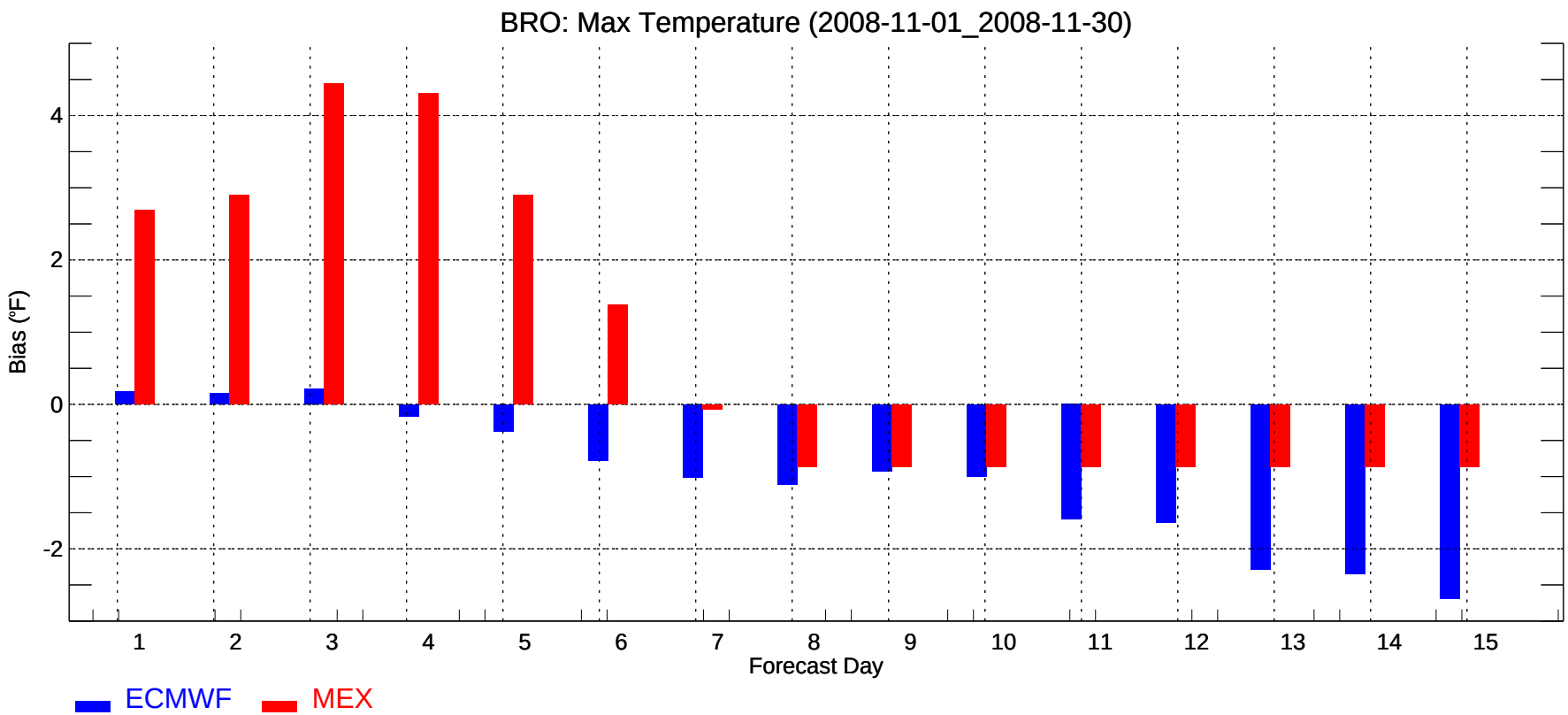
BRO: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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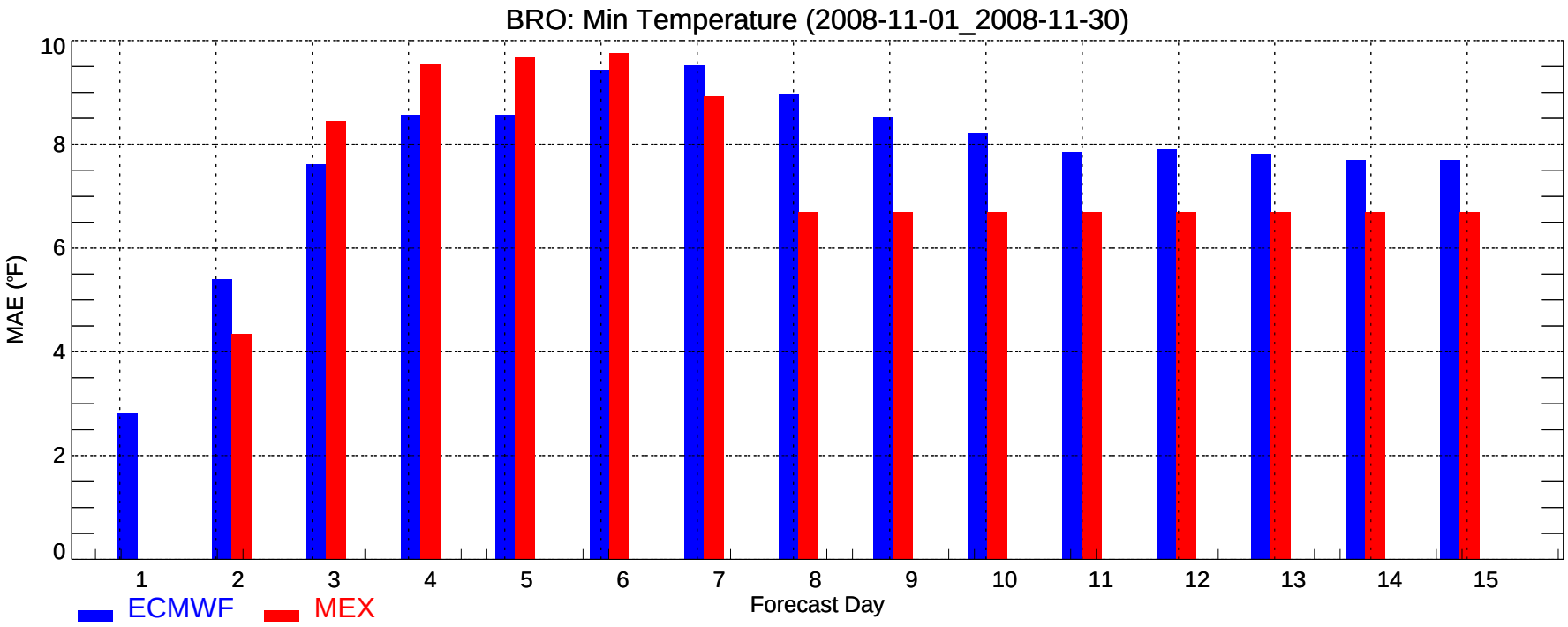
Forecast Day
ECMWF
MEX


BRO: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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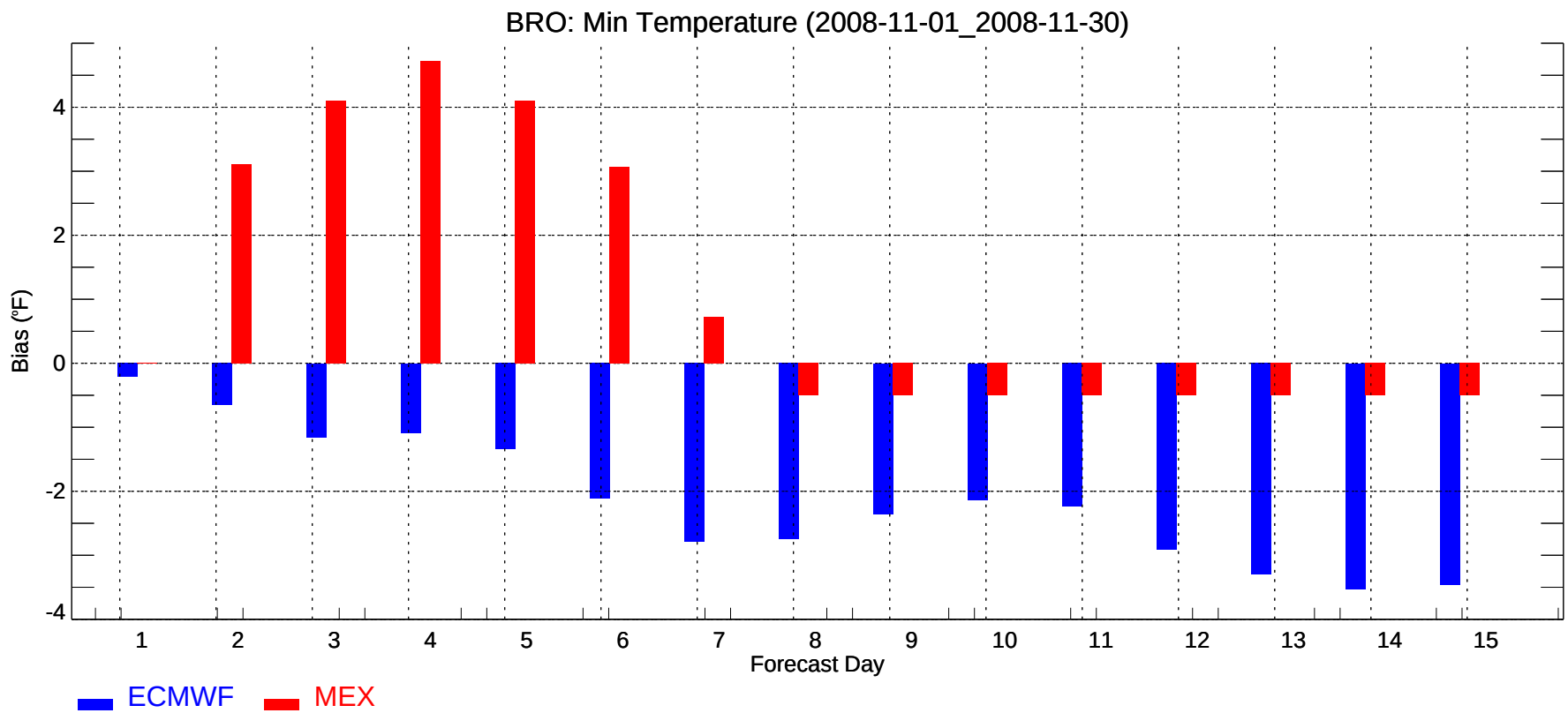
Forecast Day
ECMWF
MEX


BRO: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
-4
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Forecast Day
ECMWF
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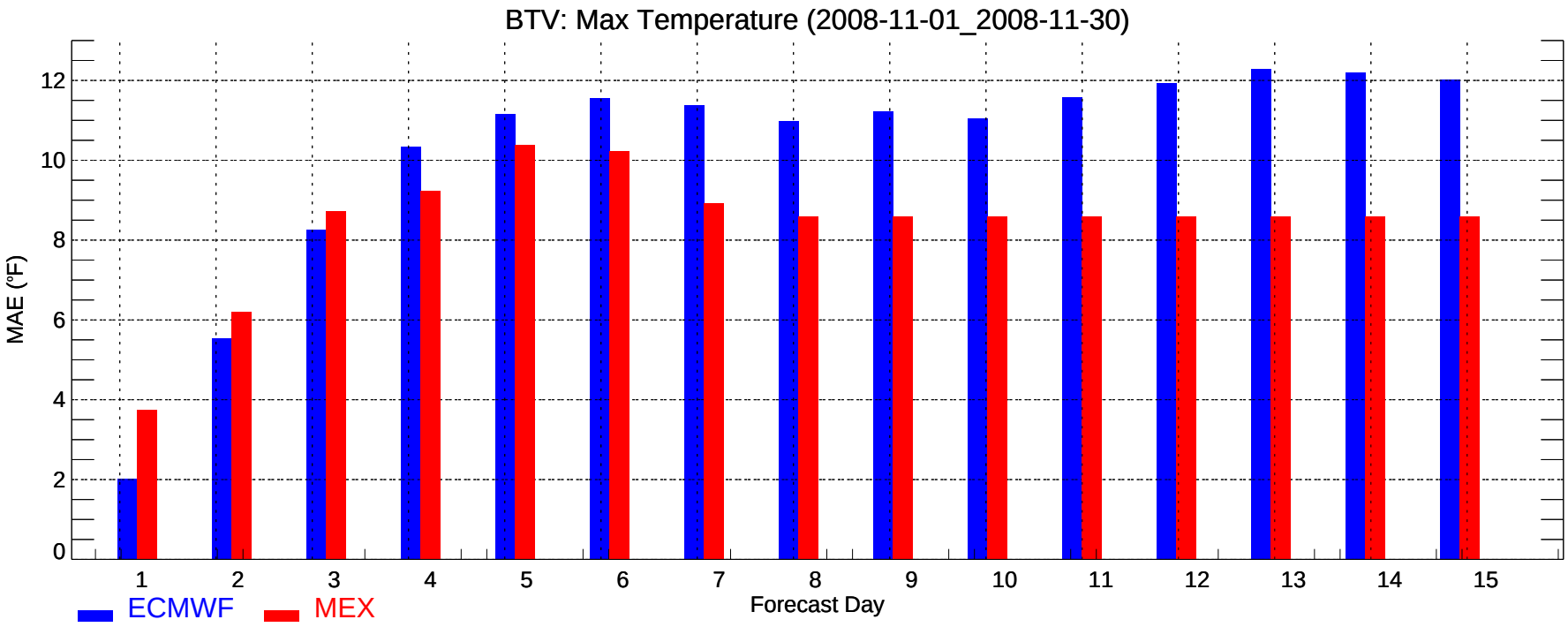
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MAE (°F)
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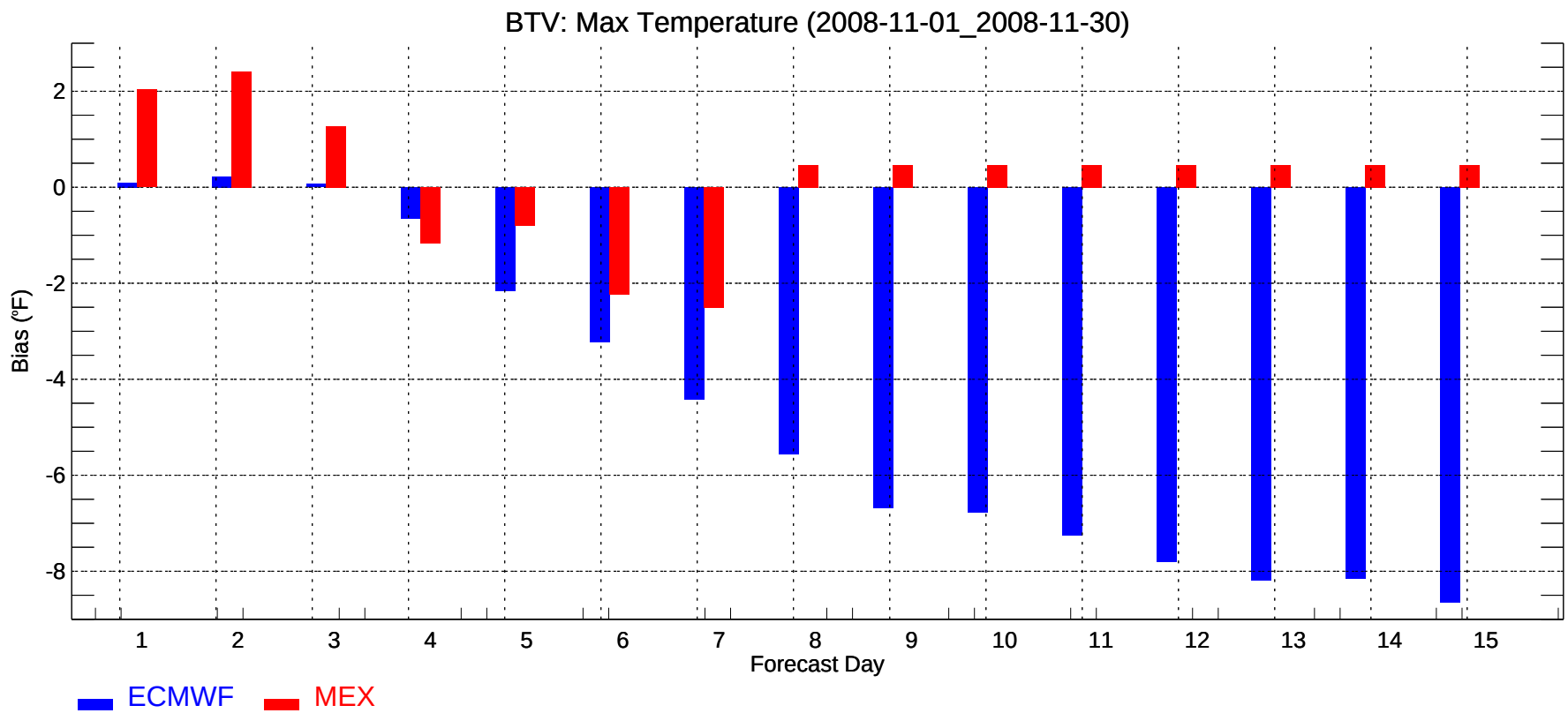
Forecast Day
ECMWF
MEX


BTV: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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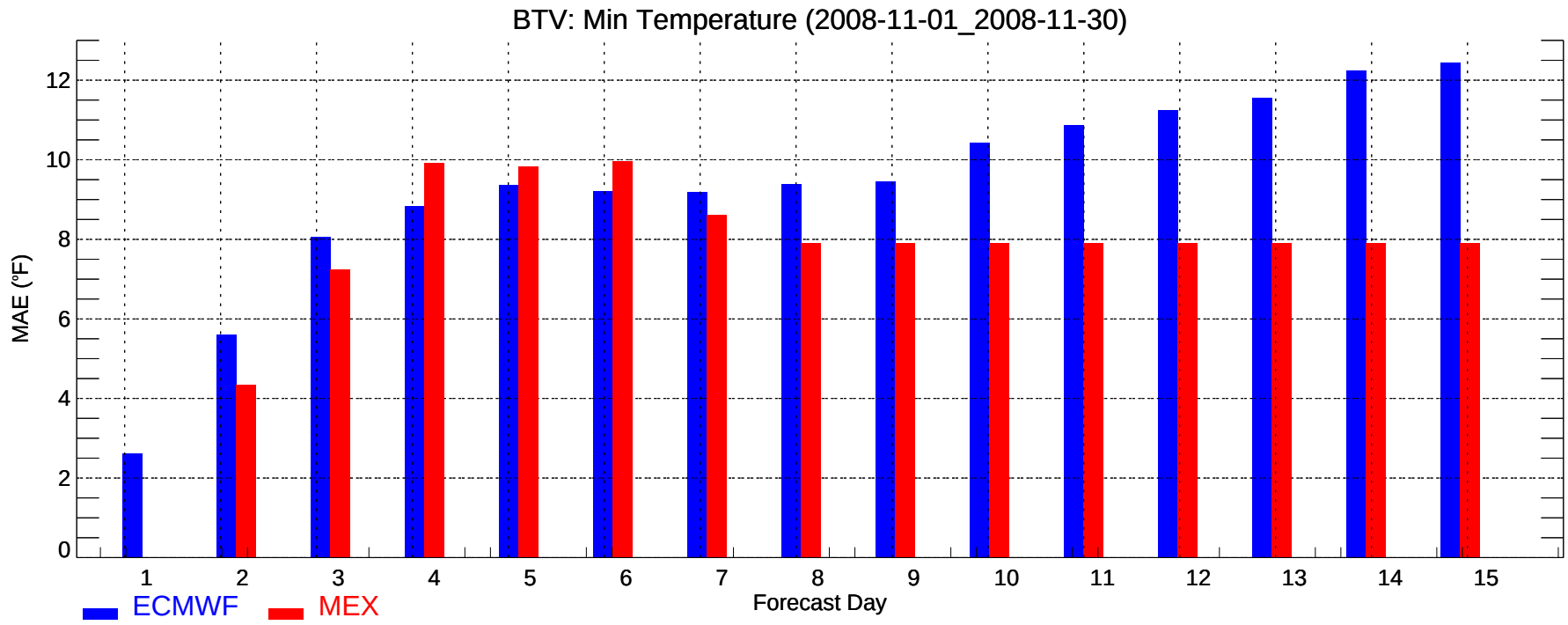
Forecast Day
ECMWF
MEX


BTV: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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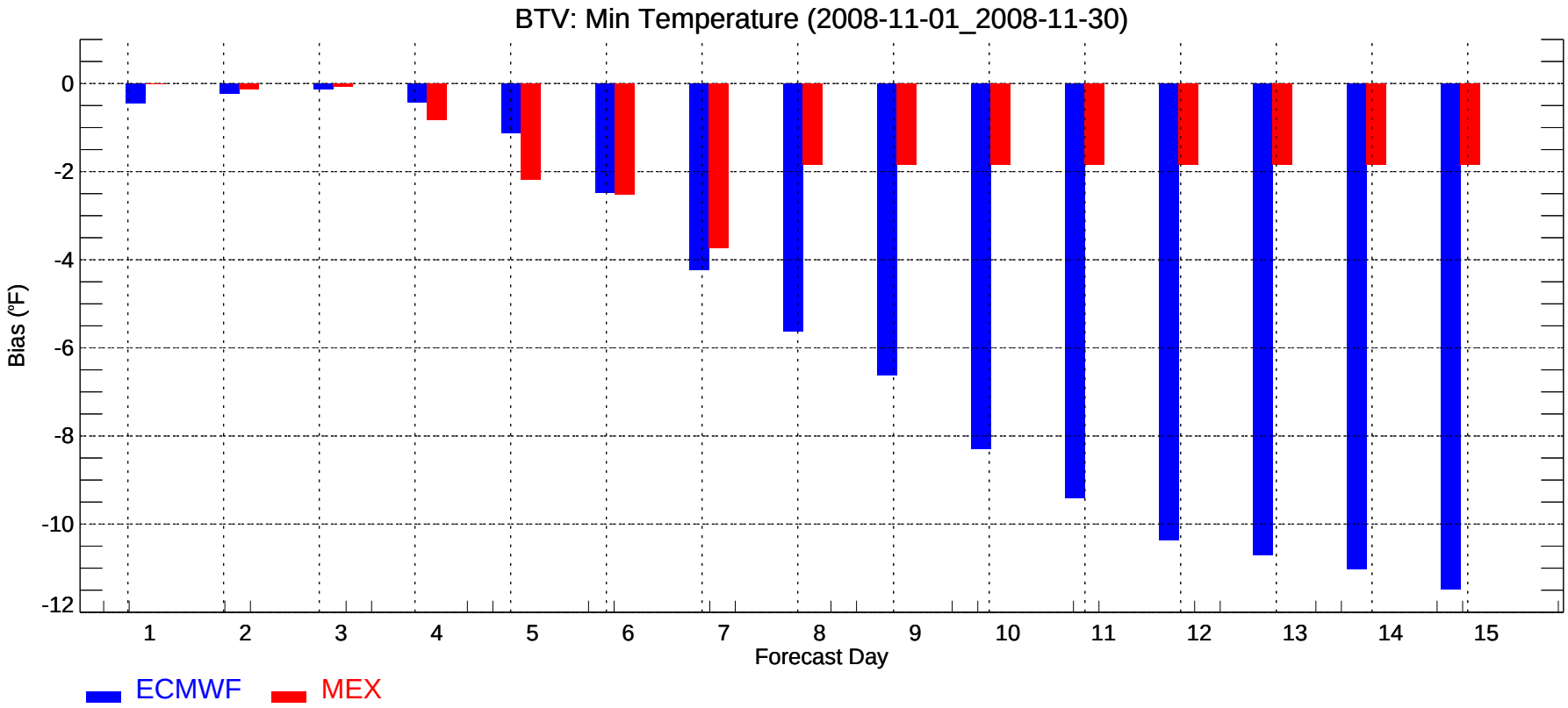
Forecast Day
ECMWF
MEX


BTV: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
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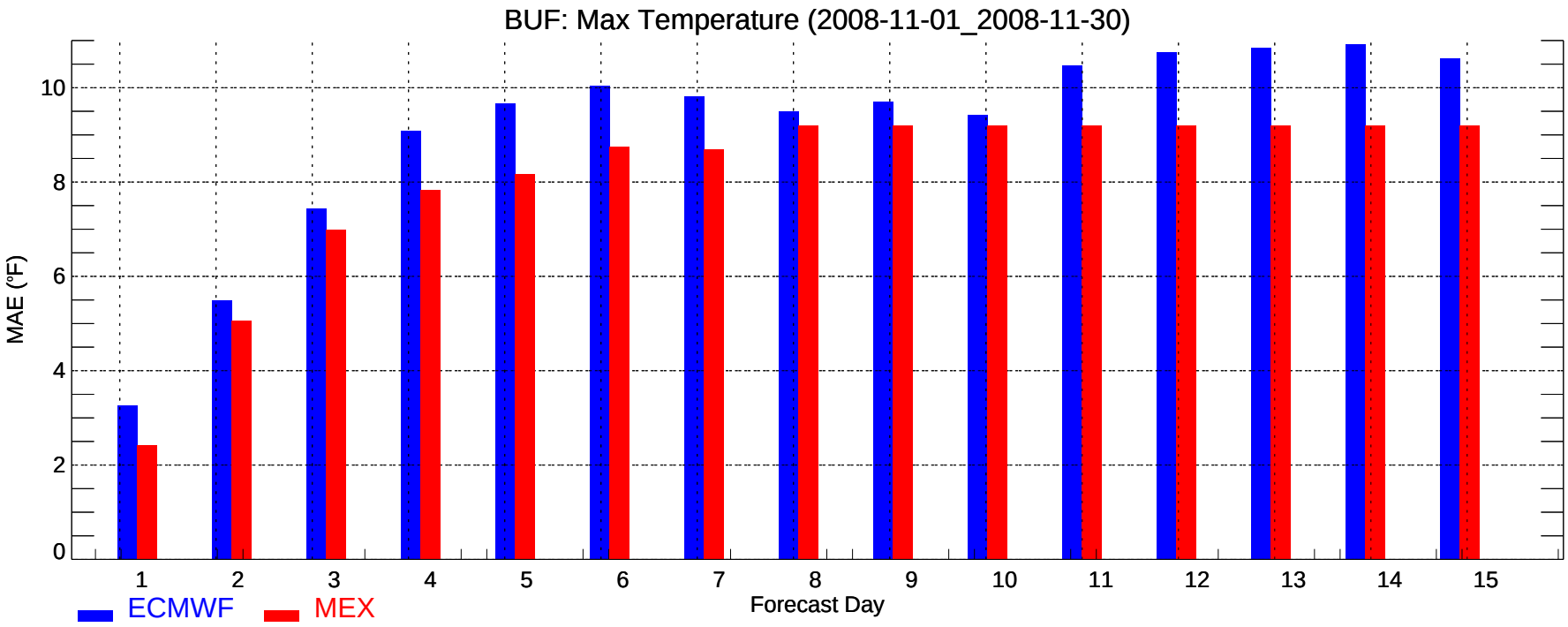
MEX


BUF: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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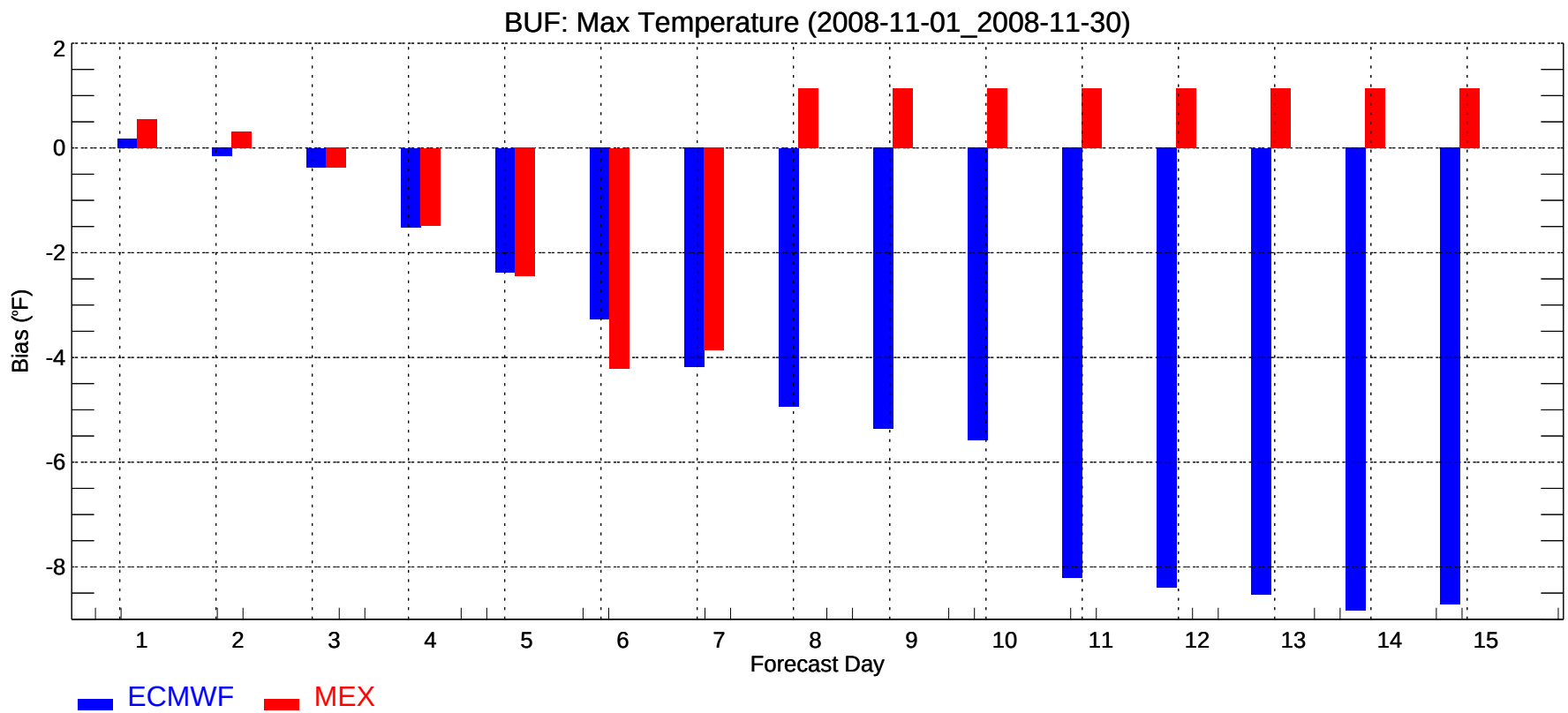
Forecast Day
ECMWF
MEX


BUF: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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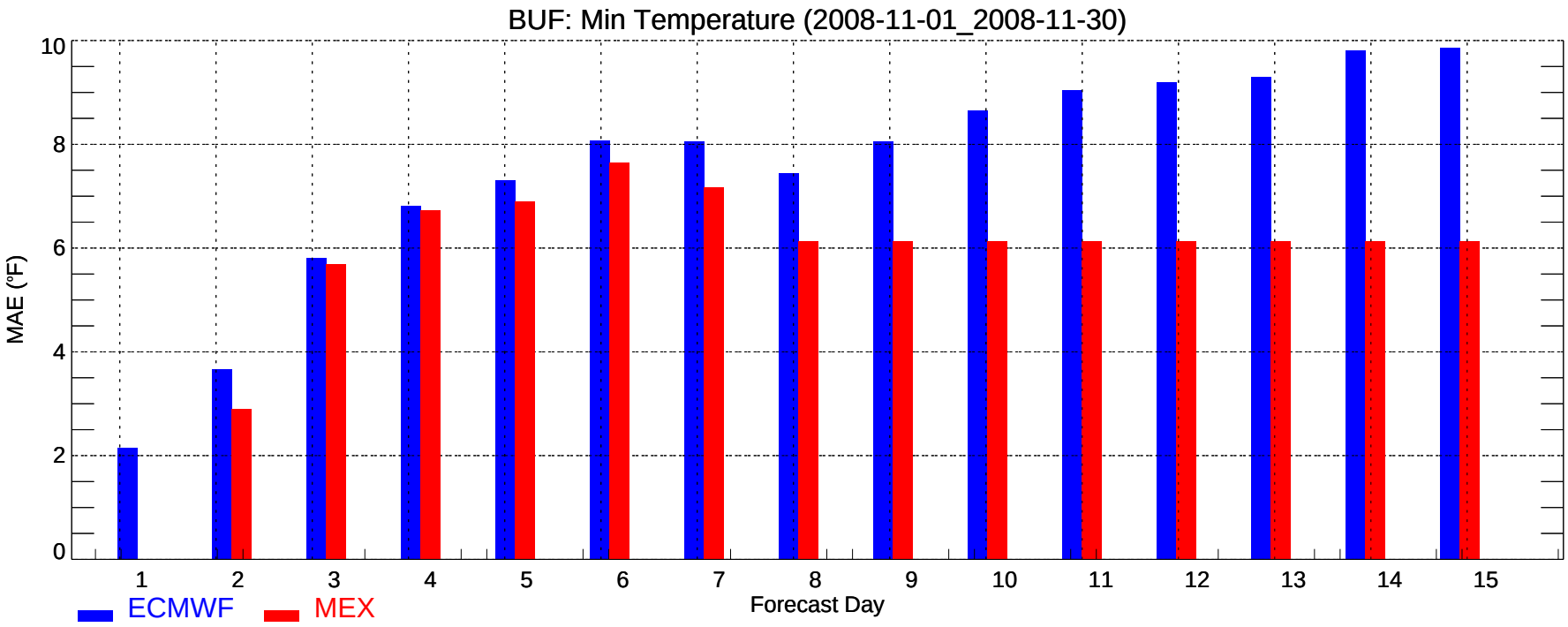
Forecast Day
ECMWF
MEX


BUF: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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Forecast Day
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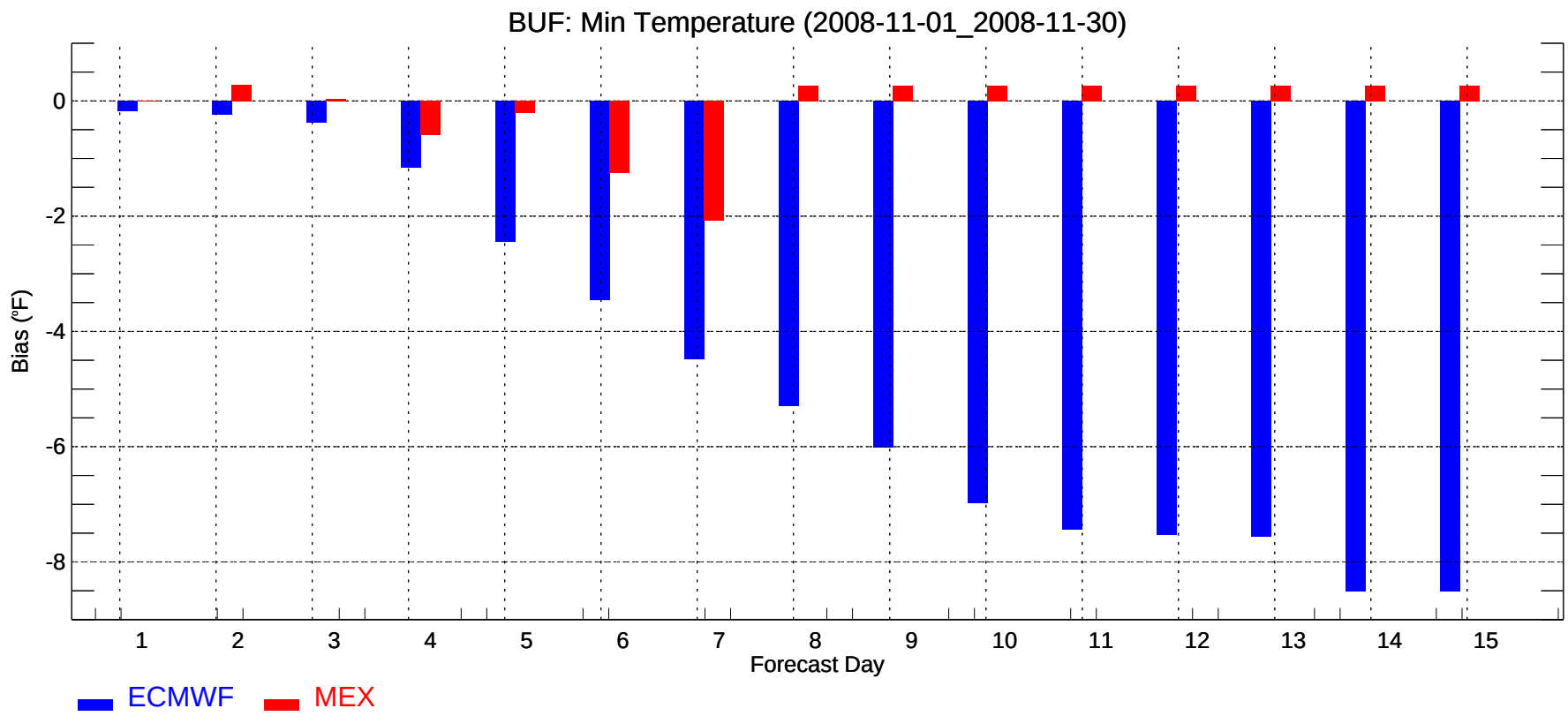
BUF: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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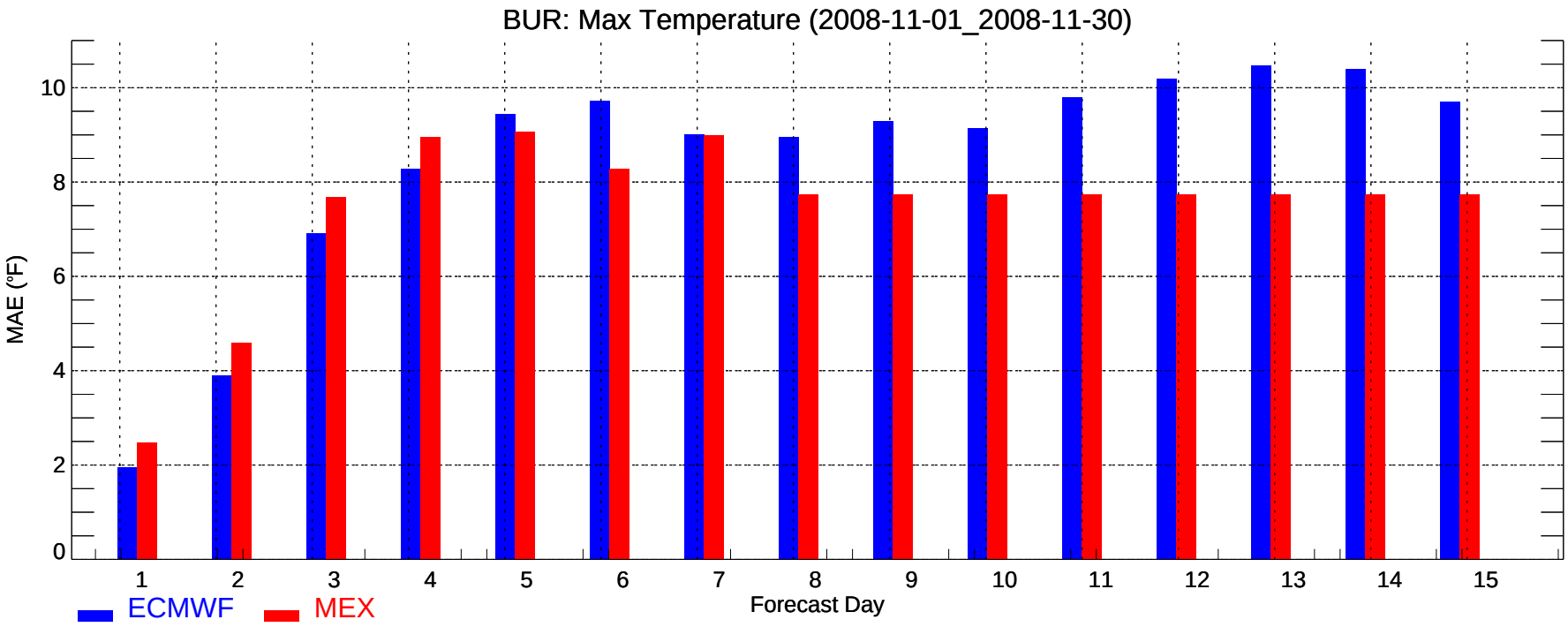
Forecast Day
ECMWF
MEX


BUR: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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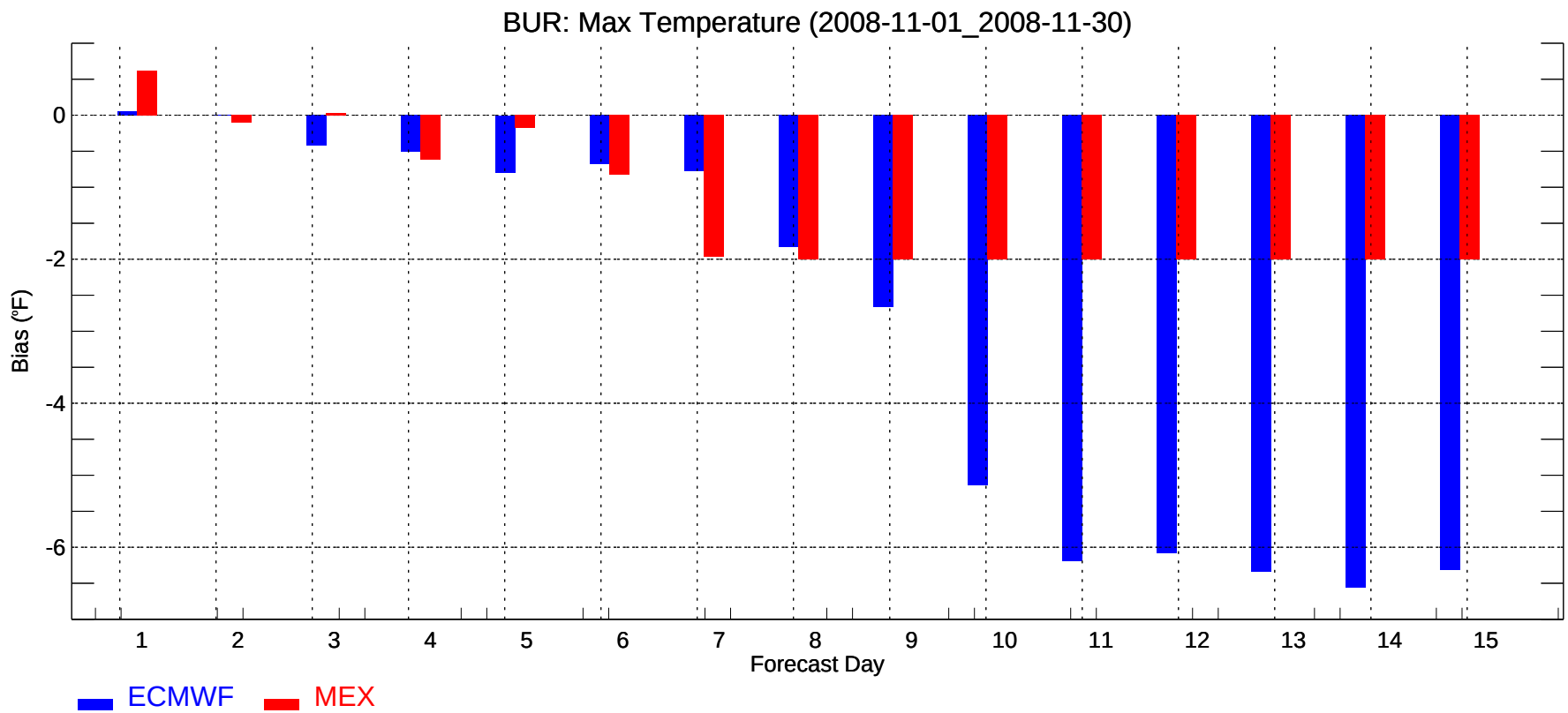
Forecast Day
ECMWF
MEX


BUR: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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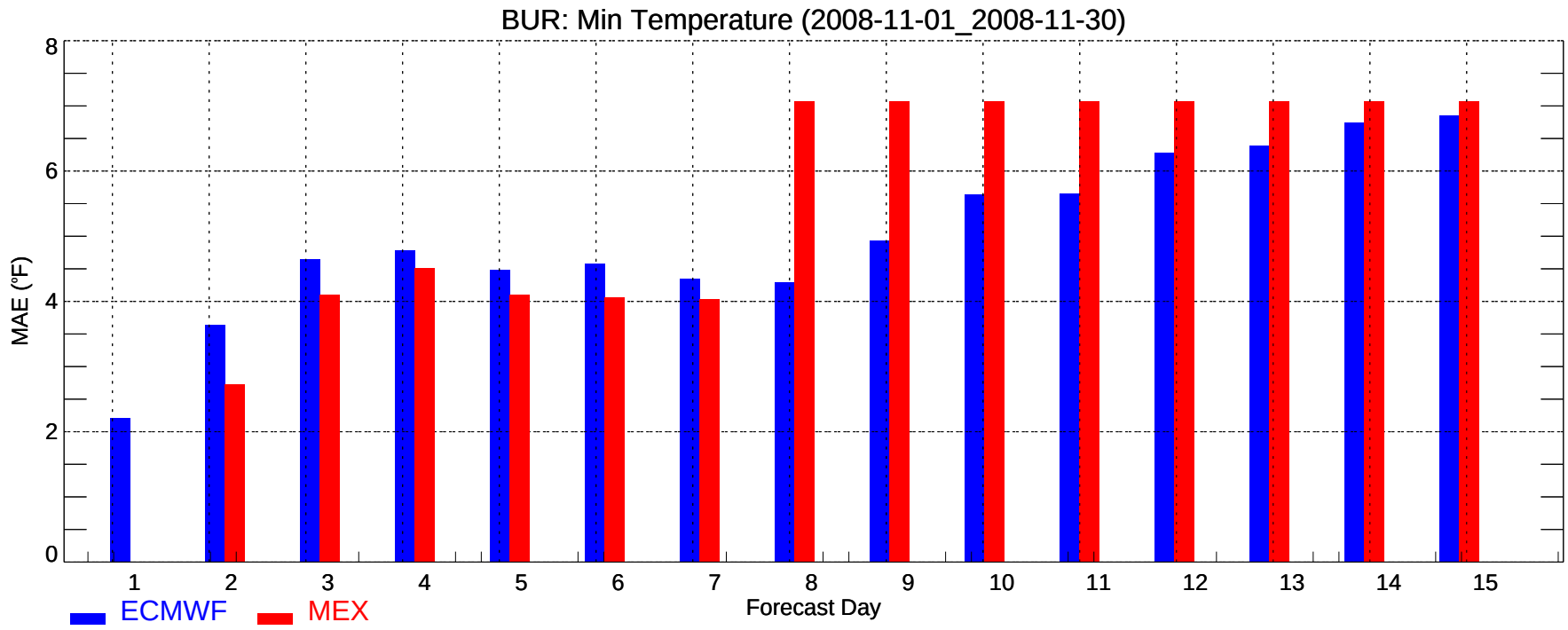
Forecast Day
ECMWF
MEX


BUR: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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8
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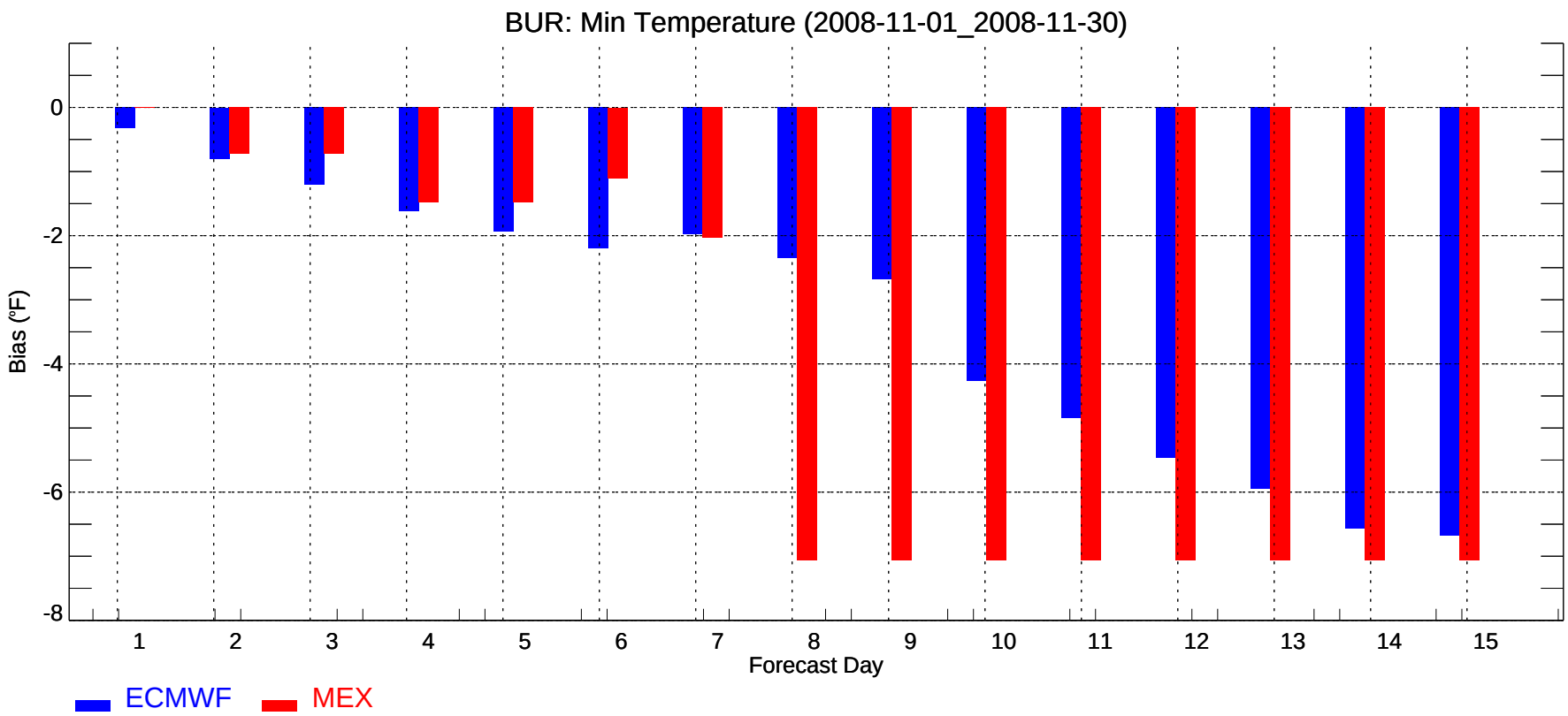
Forecast Day
ECMWF
MEX


BUR: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
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-6
-8
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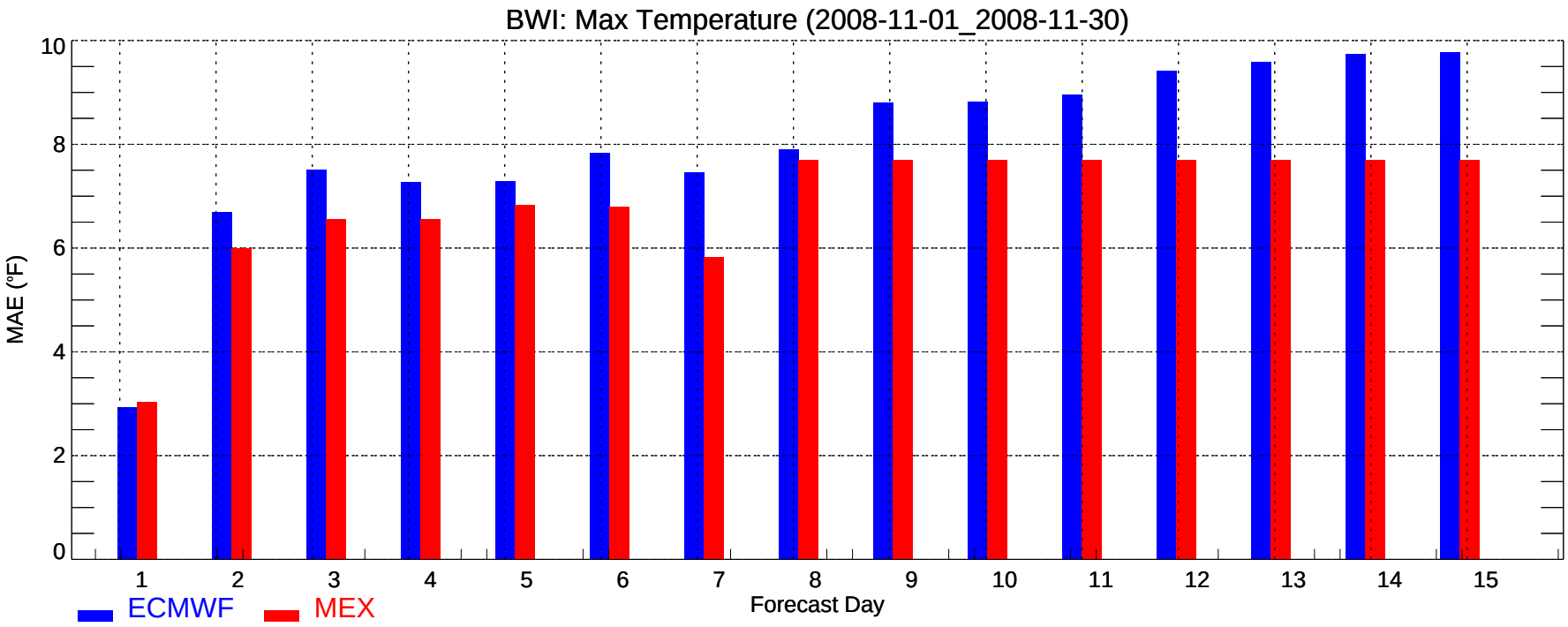
Forecast Day
ECMWF
MEX


BWI: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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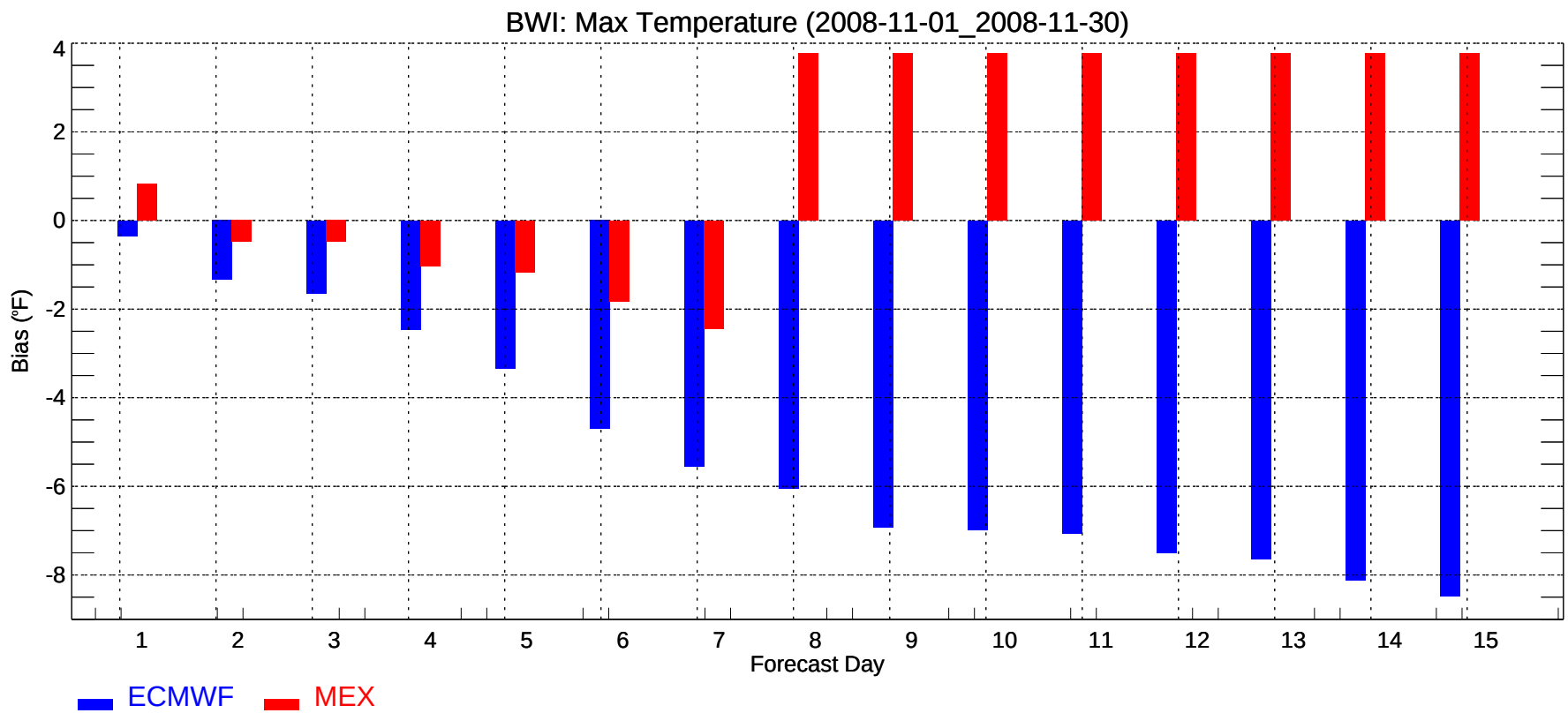
Forecast Day
ECMWF
MEX


BWI: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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2
0
-2
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-8
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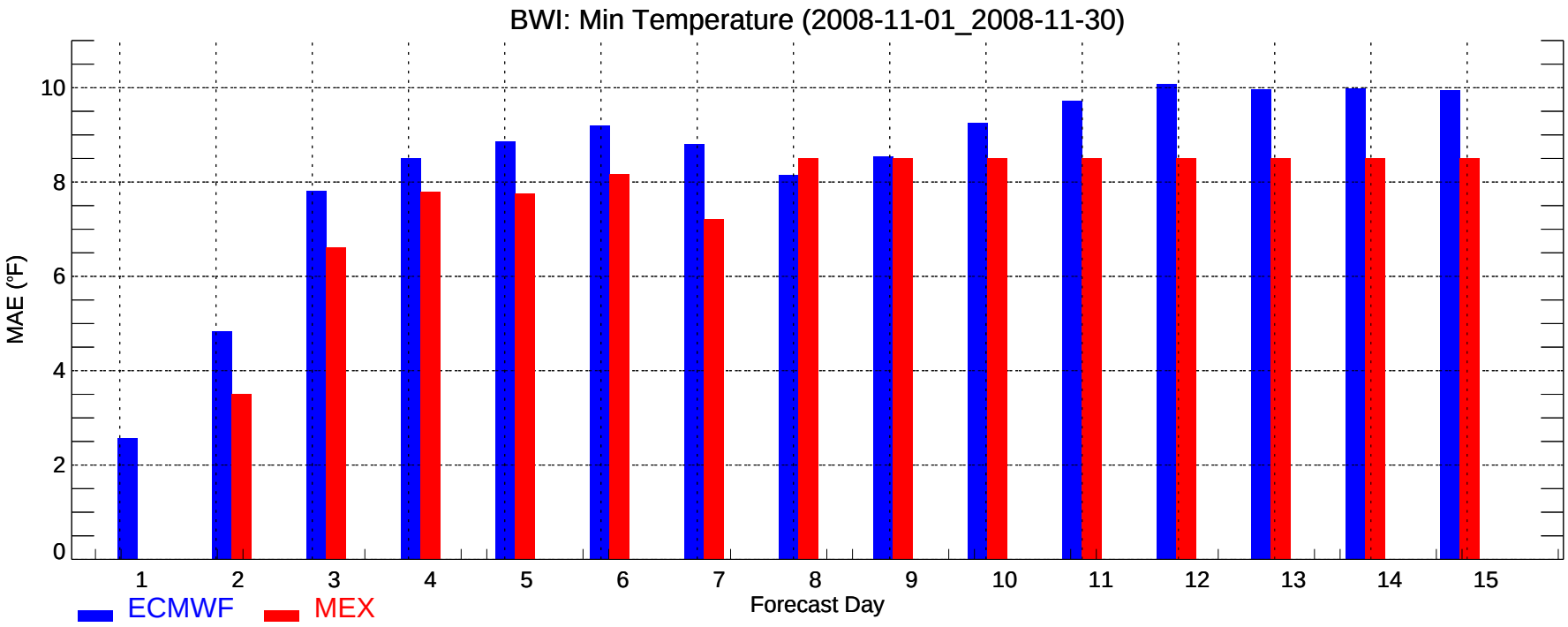
Forecast Day
ECMWF
MEX


BWI: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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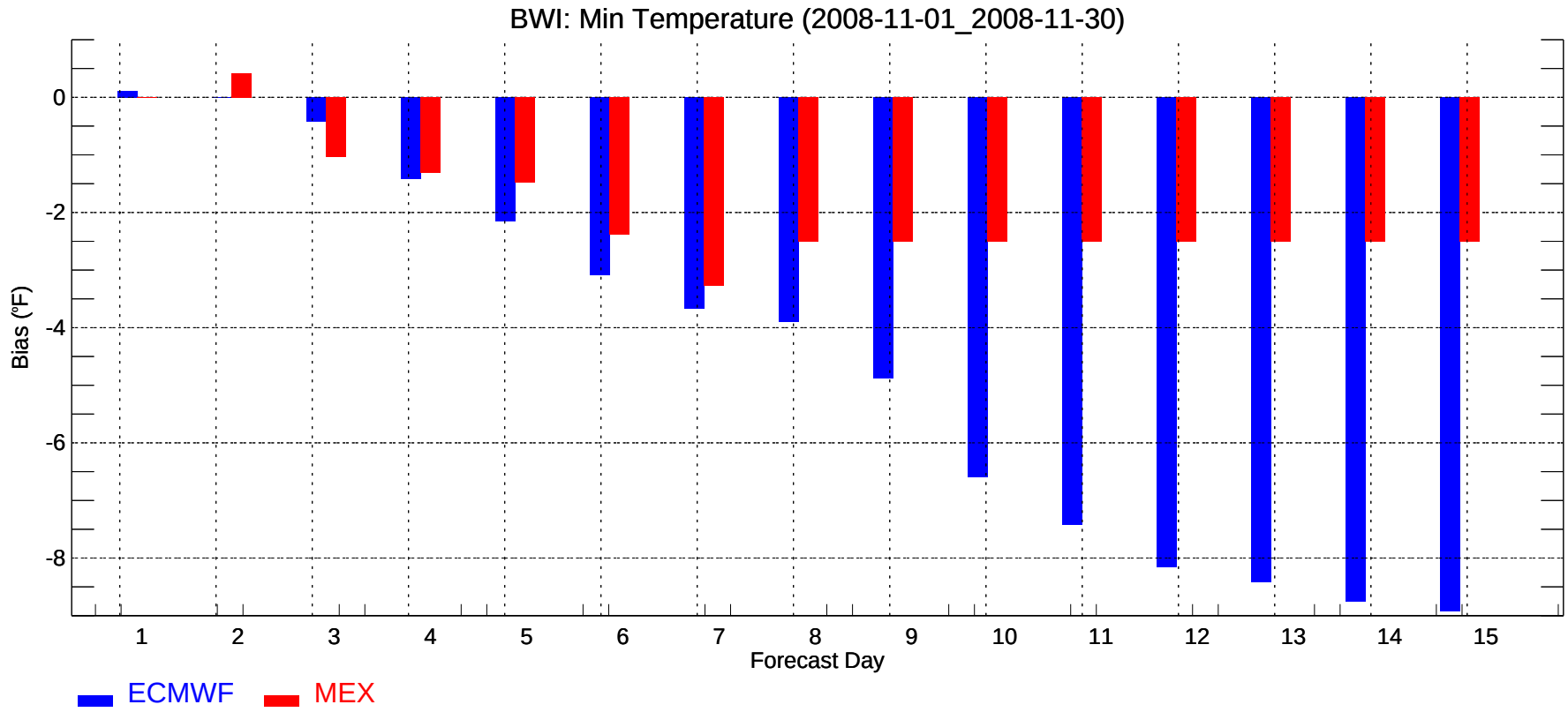
Forecast Day
ECMWF
MEX


BWI: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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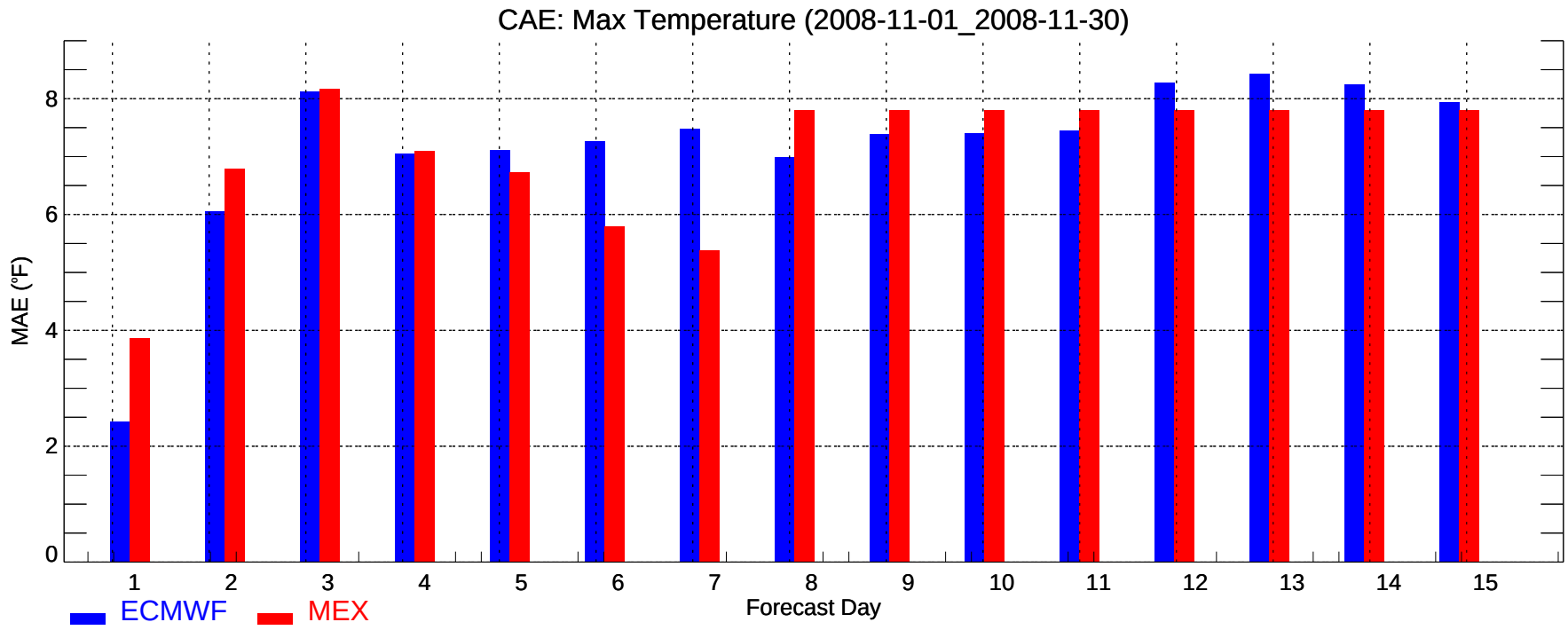
Forecast Day
ECMWF
MEX


CAE: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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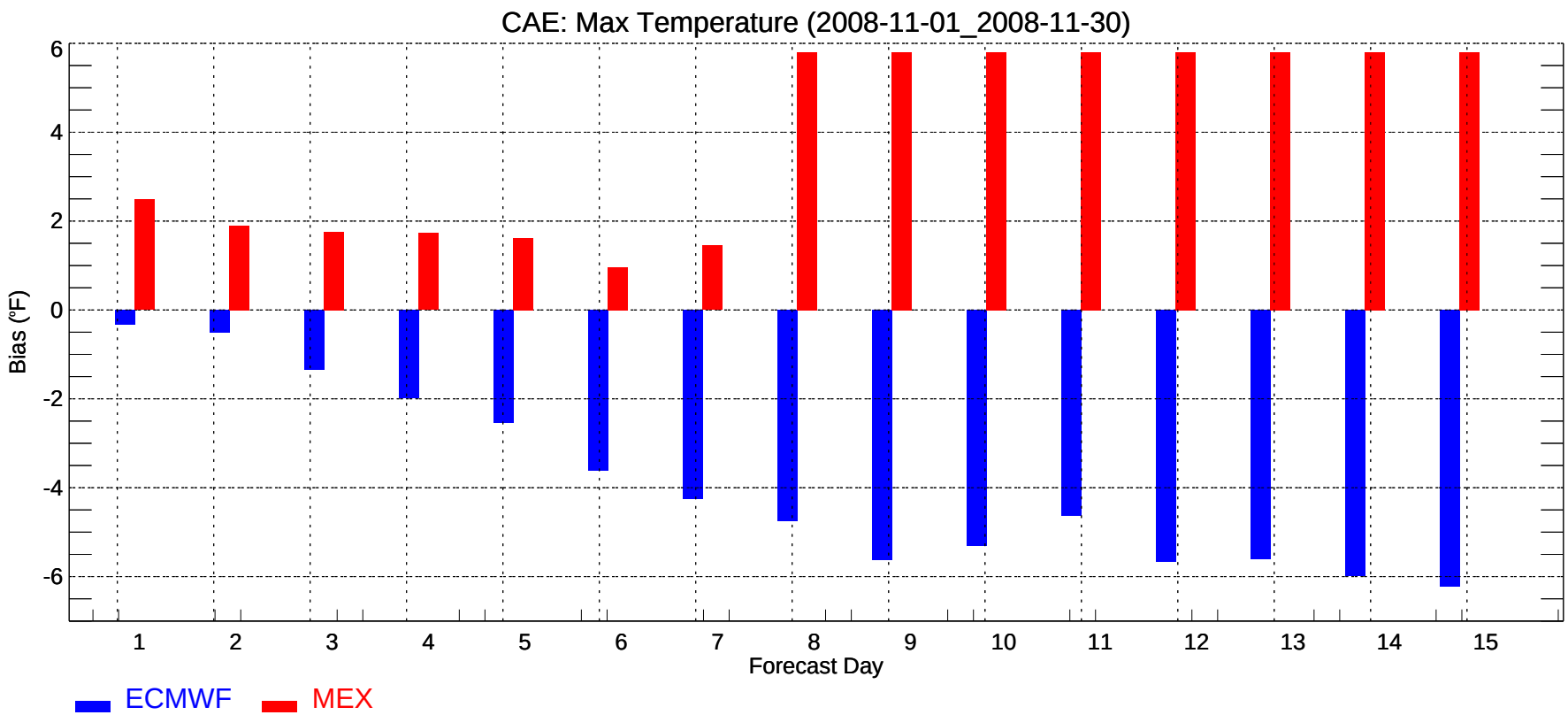
Forecast Day
ECMWF
MEX


CAE: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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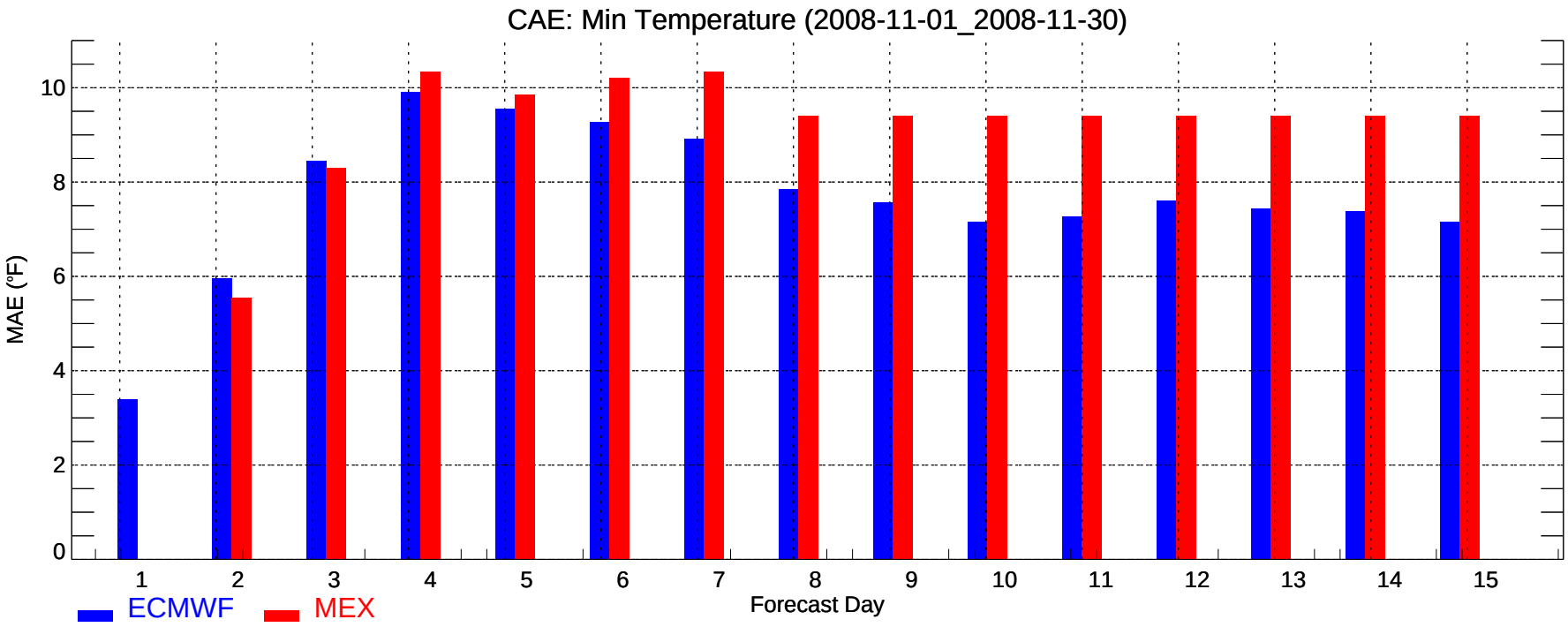
Forecast Day
ECMWF
MEX


CAE: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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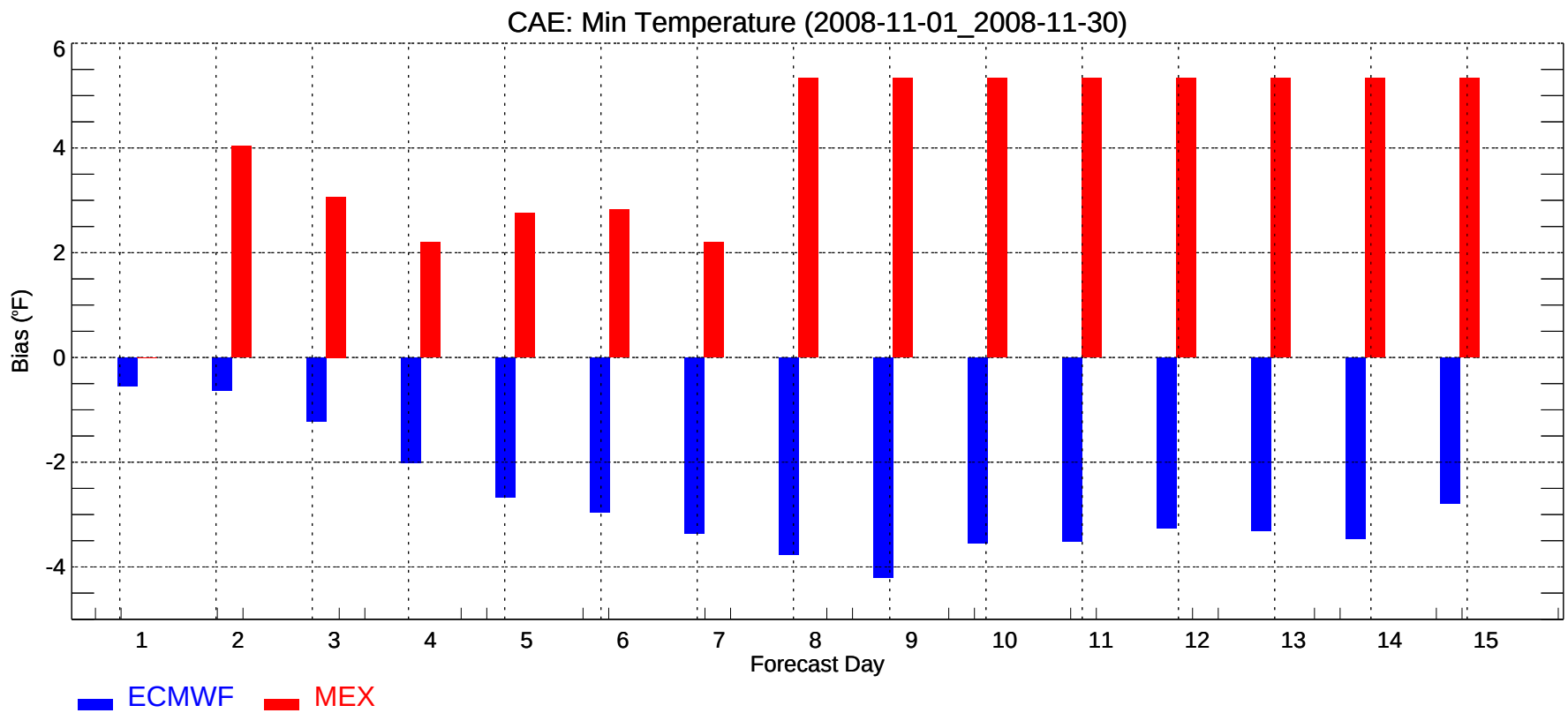
Forecast Day
ECMWF
MEX


CAE: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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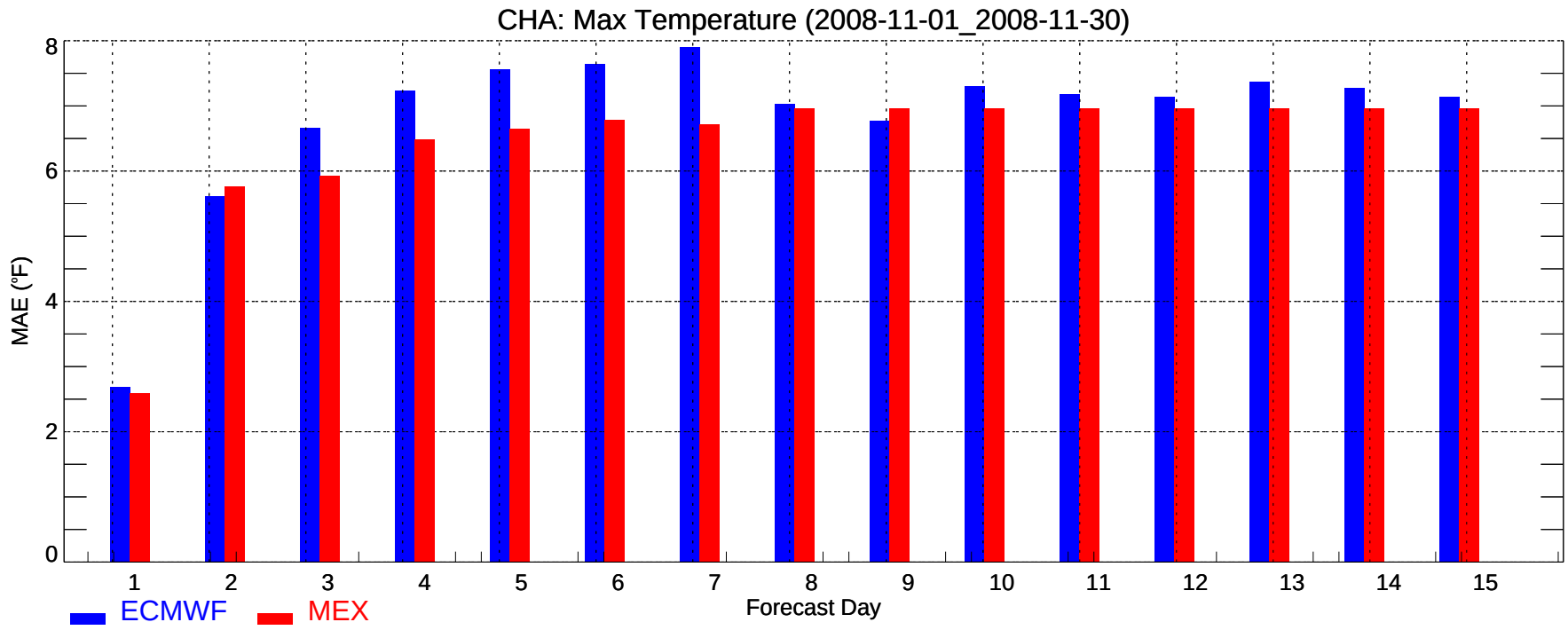
Forecast Day
ECMWF
MEX


CHA: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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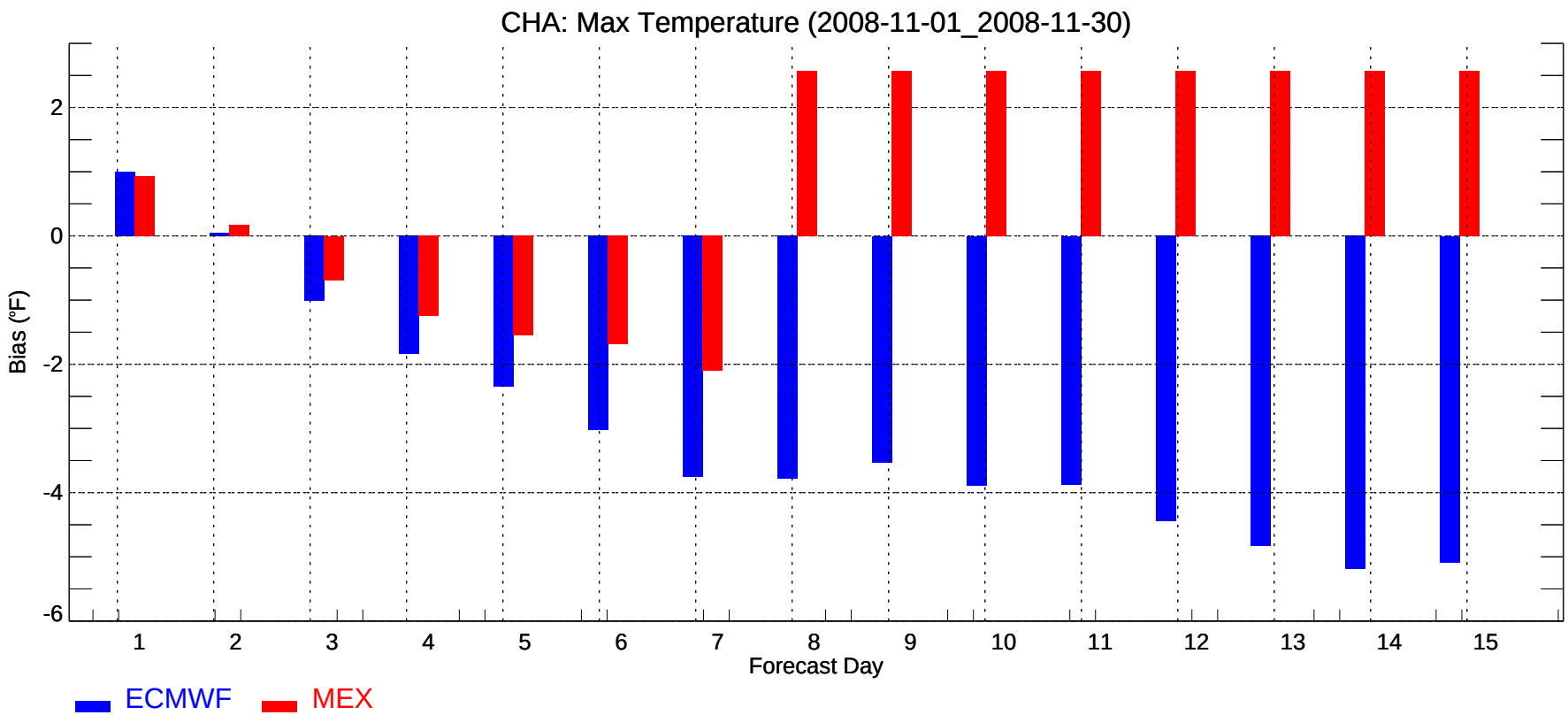
Forecast Day
ECMWF
MEX


CHA: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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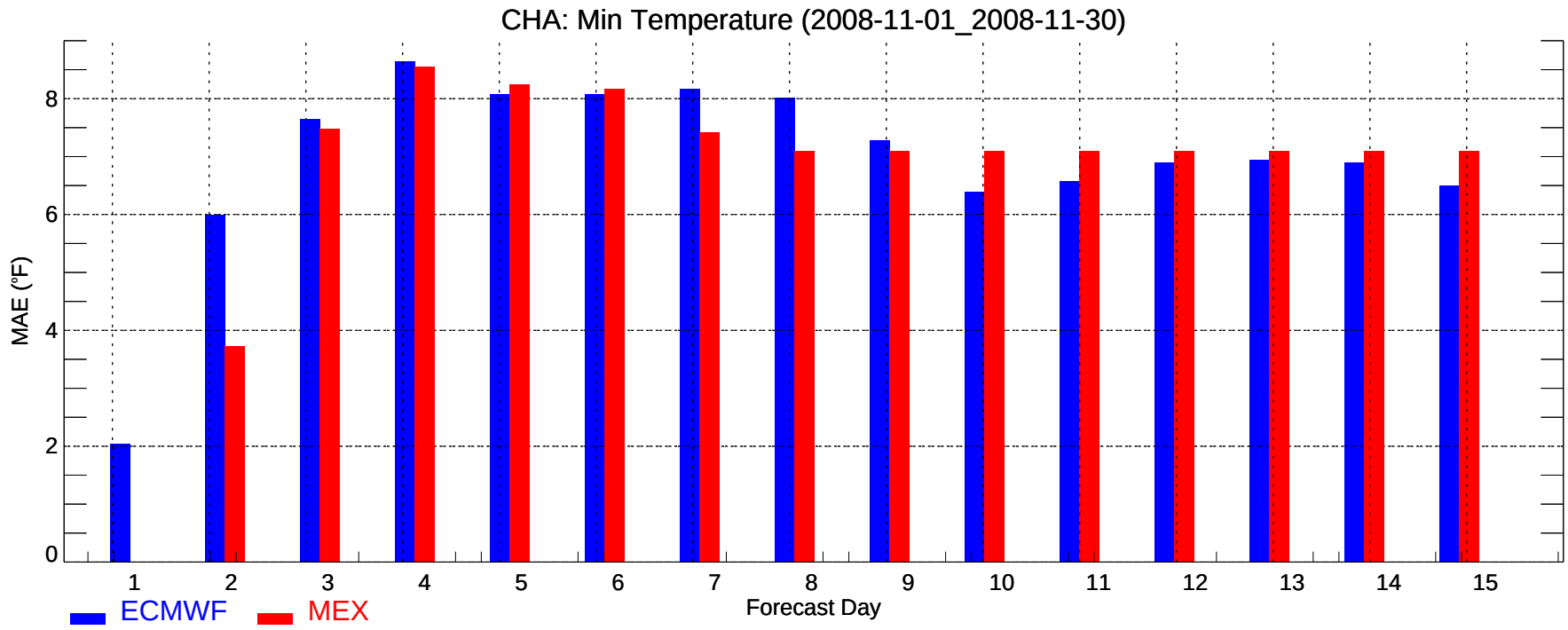
Forecast Day
ECMWF
MEX


CHA: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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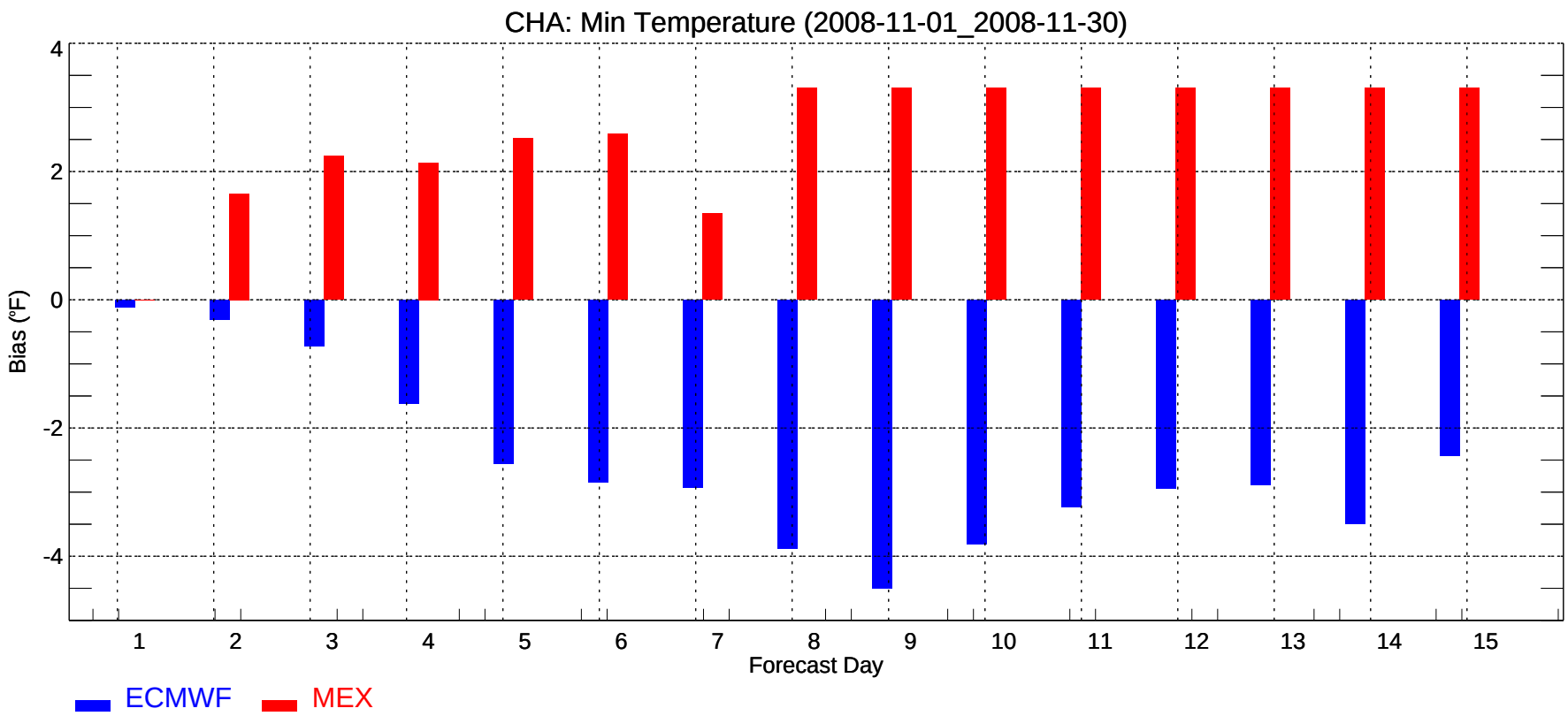
Forecast Day
ECMWF
MEX


CHA: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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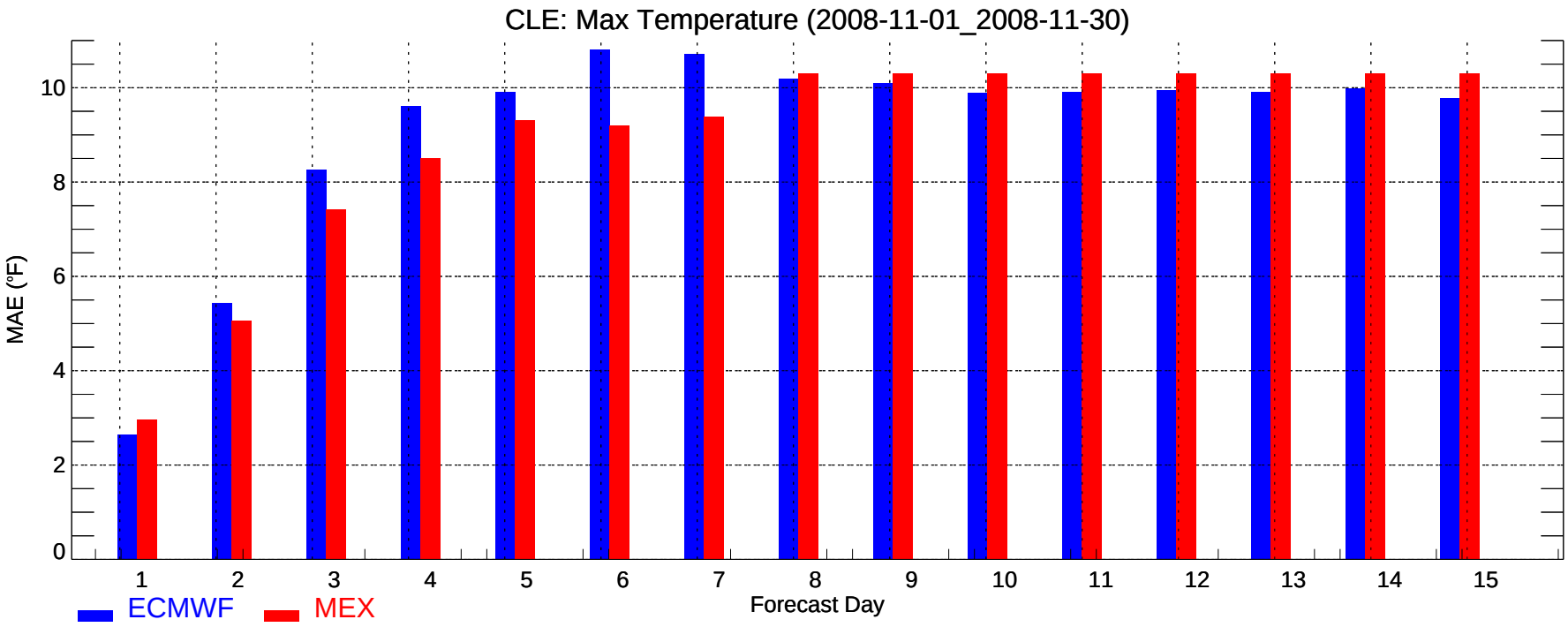
Forecast Day
ECMWF
MEX


CLE: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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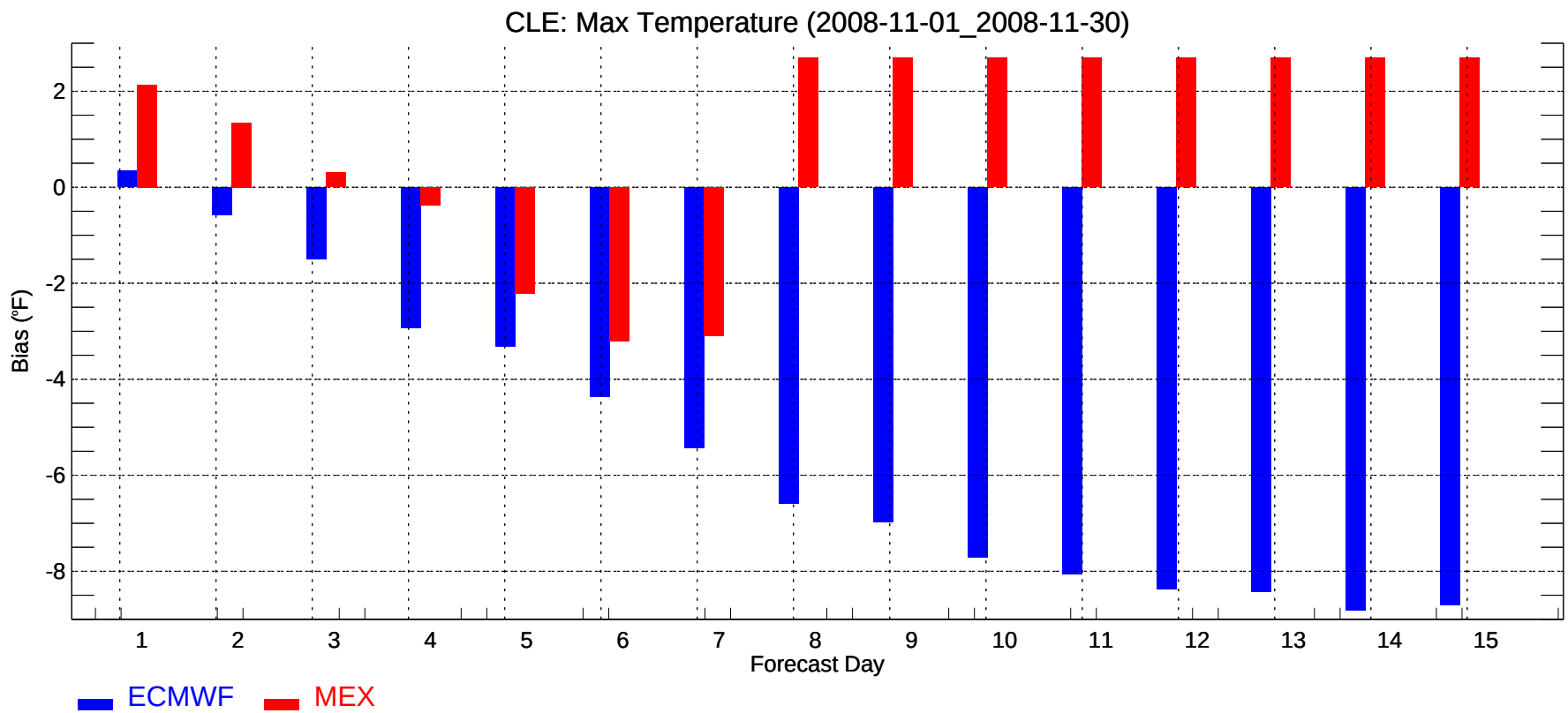
Forecast Day
ECMWF
MEX


CLE: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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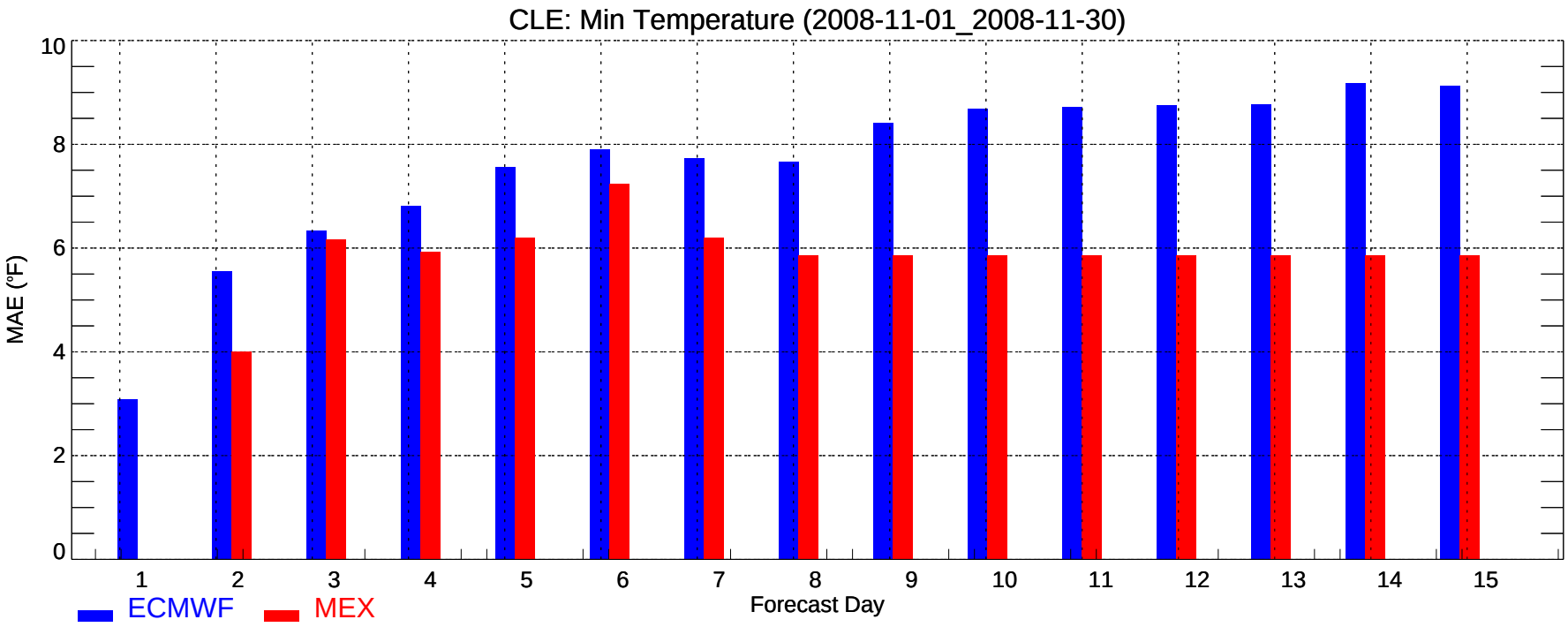
Forecast Day
ECMWF
MEX


CLE: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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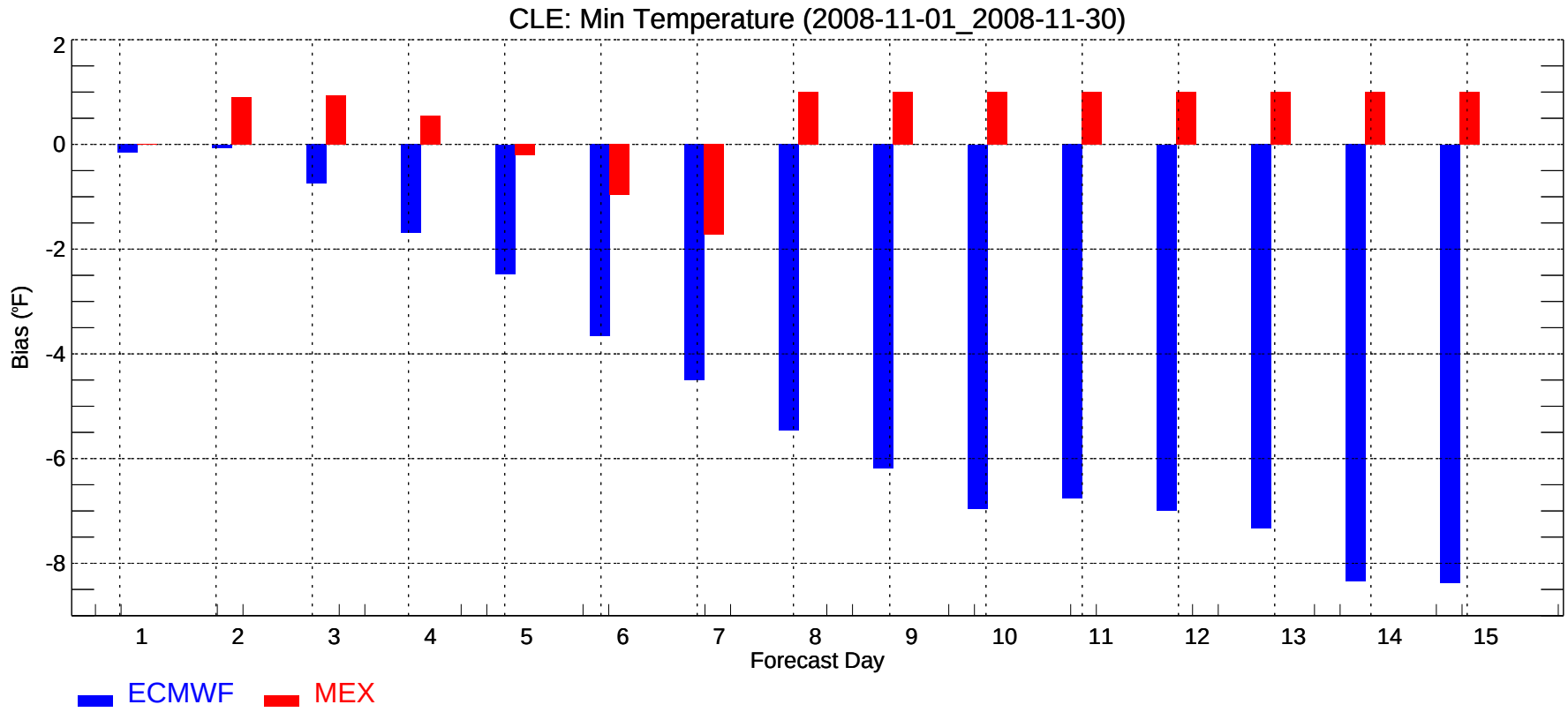
Forecast Day
ECMWF
MEX


CLE: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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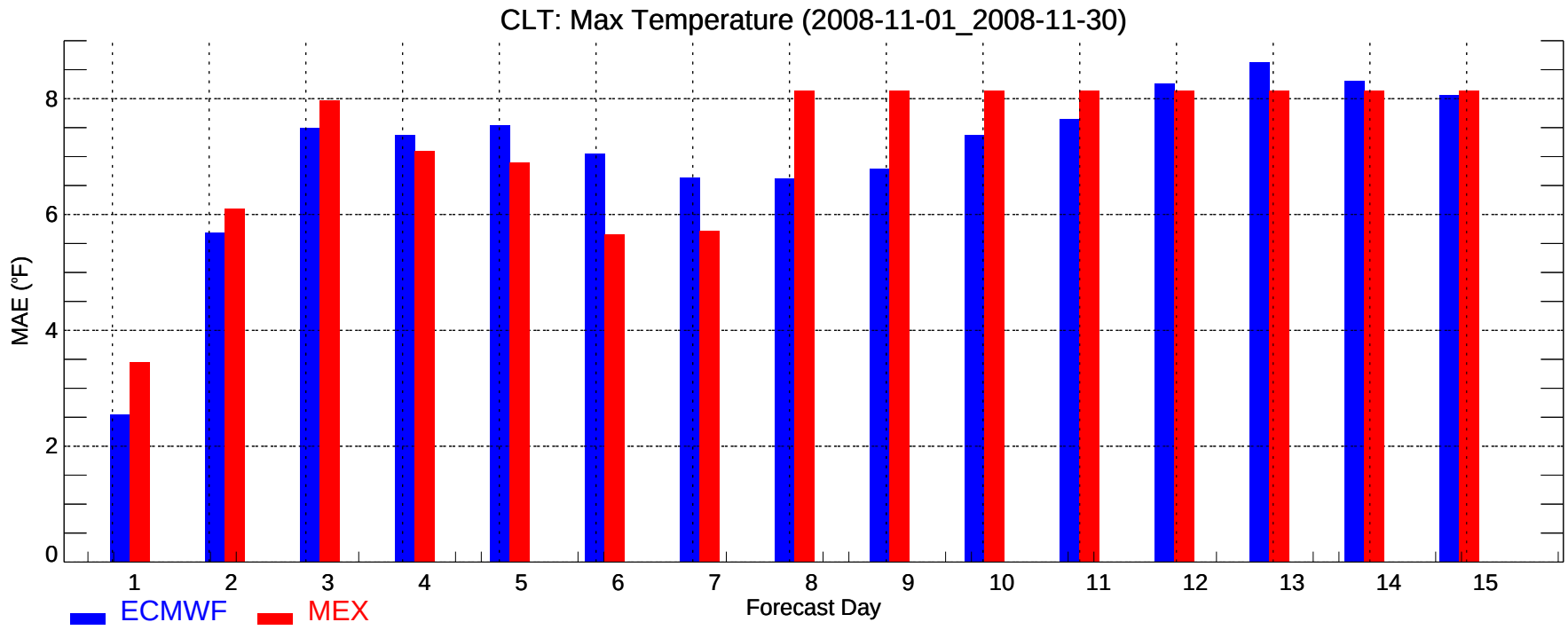
Forecast Day
ECMWF
MEX


CLT: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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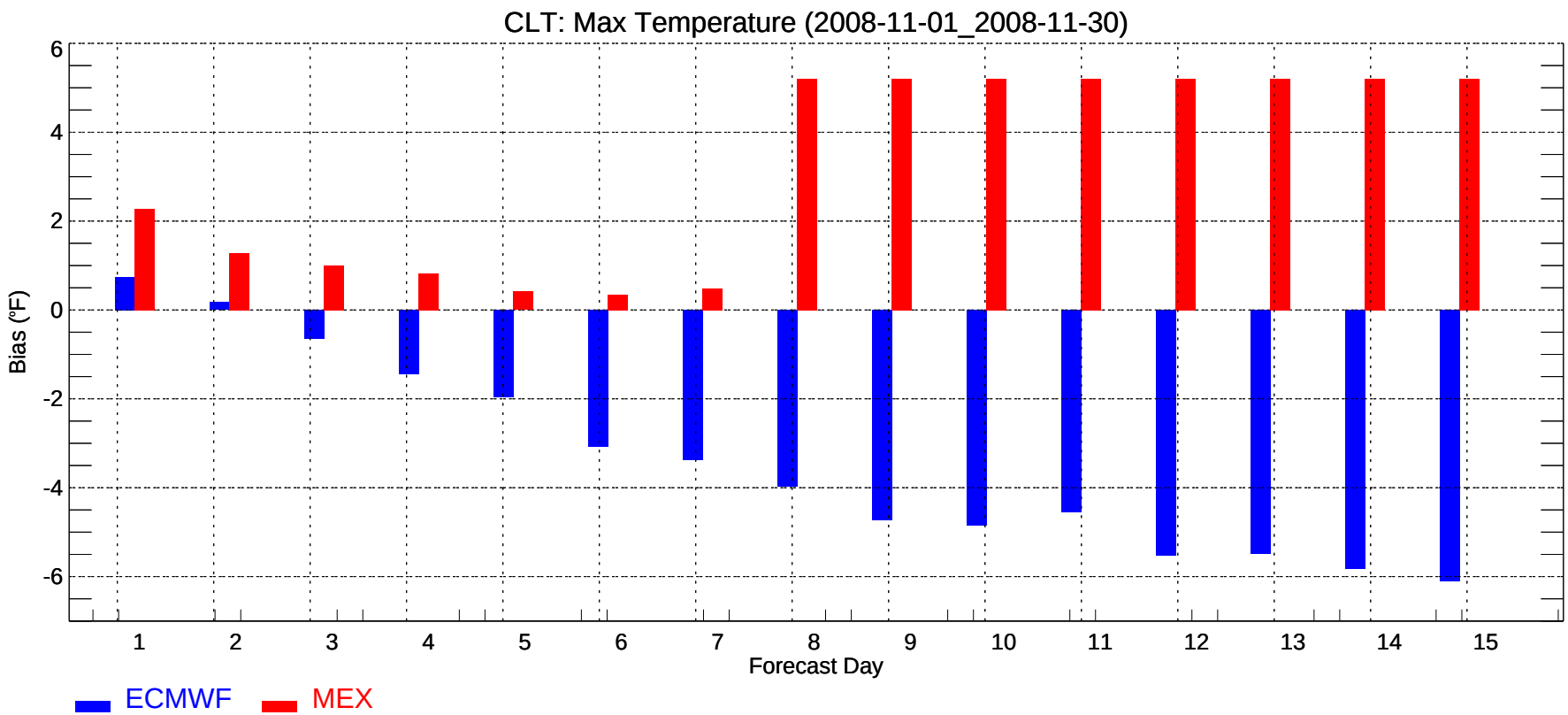
Forecast Day
ECMWF
MEX


CLT: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
ECMWF
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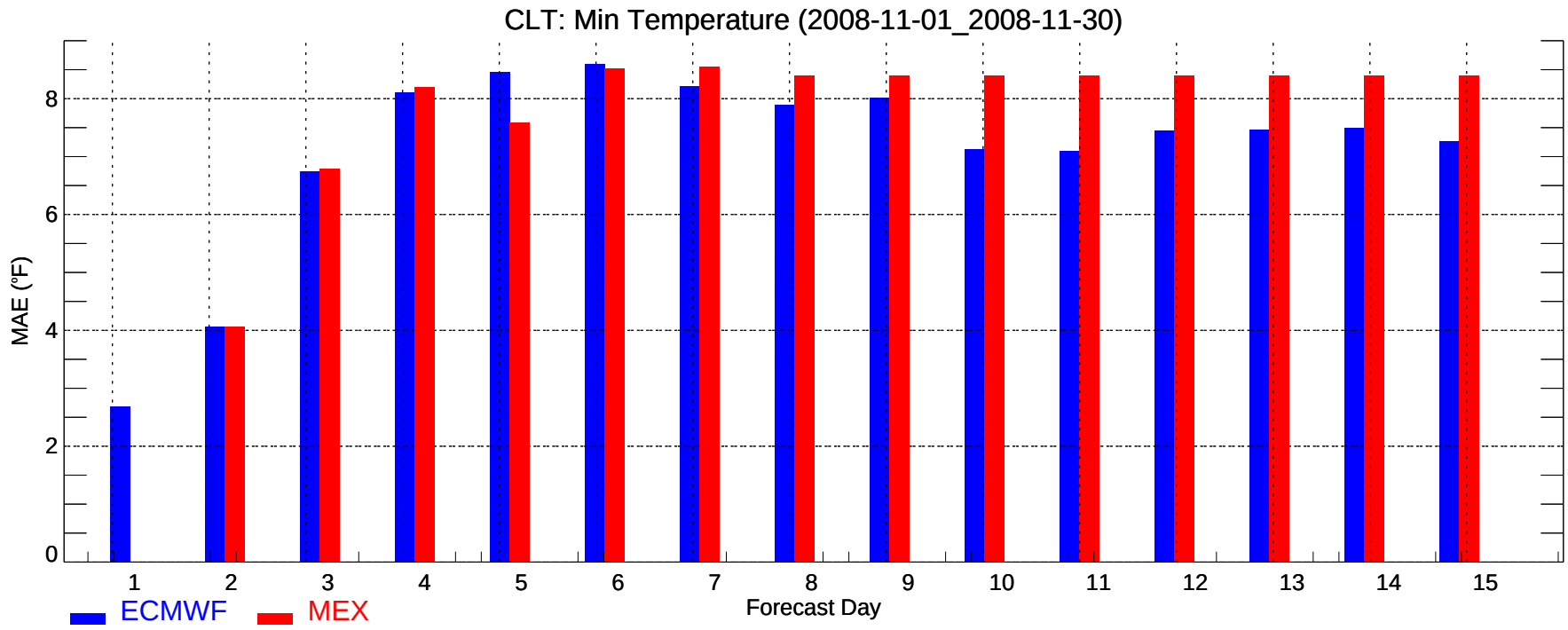
CLT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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Forecast Day
ECMWF
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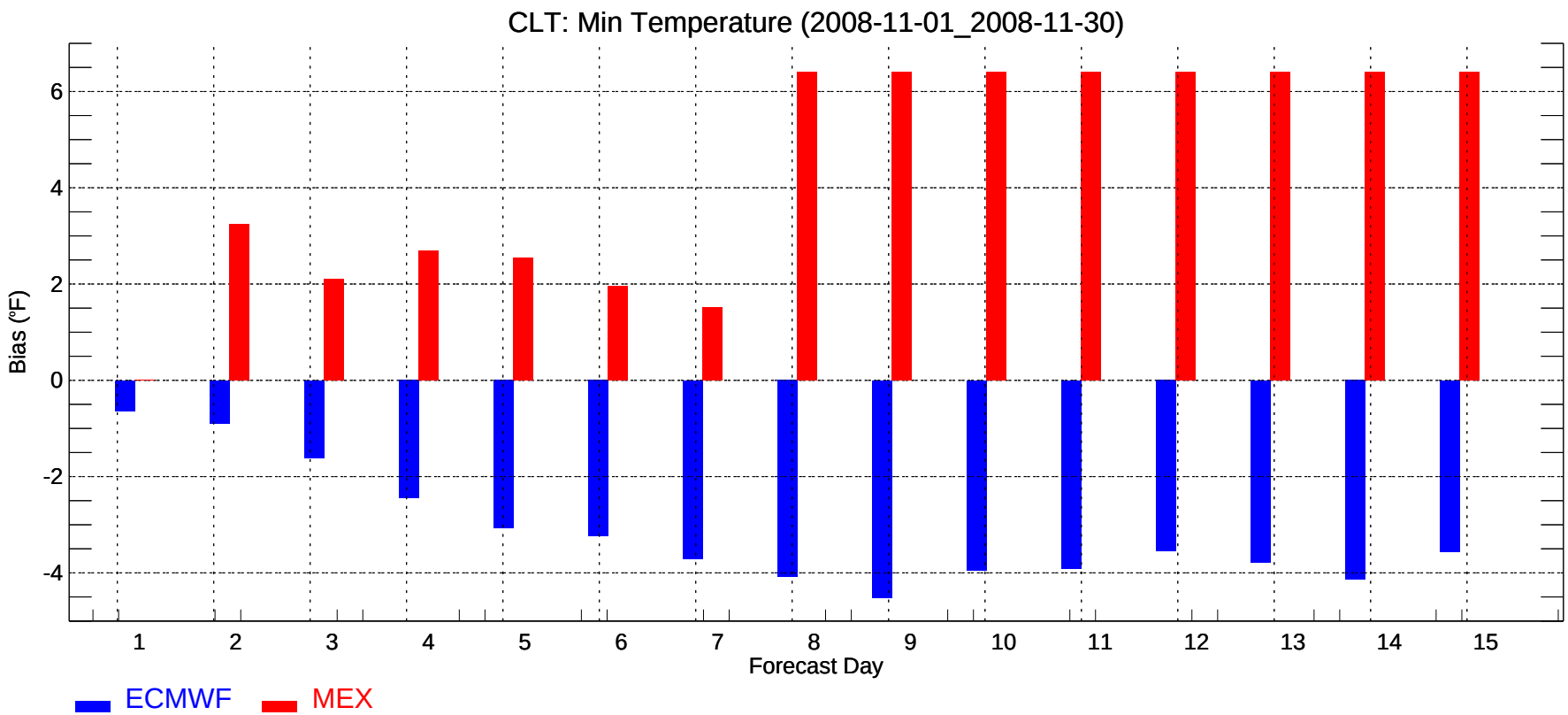
CLT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
-4
-2
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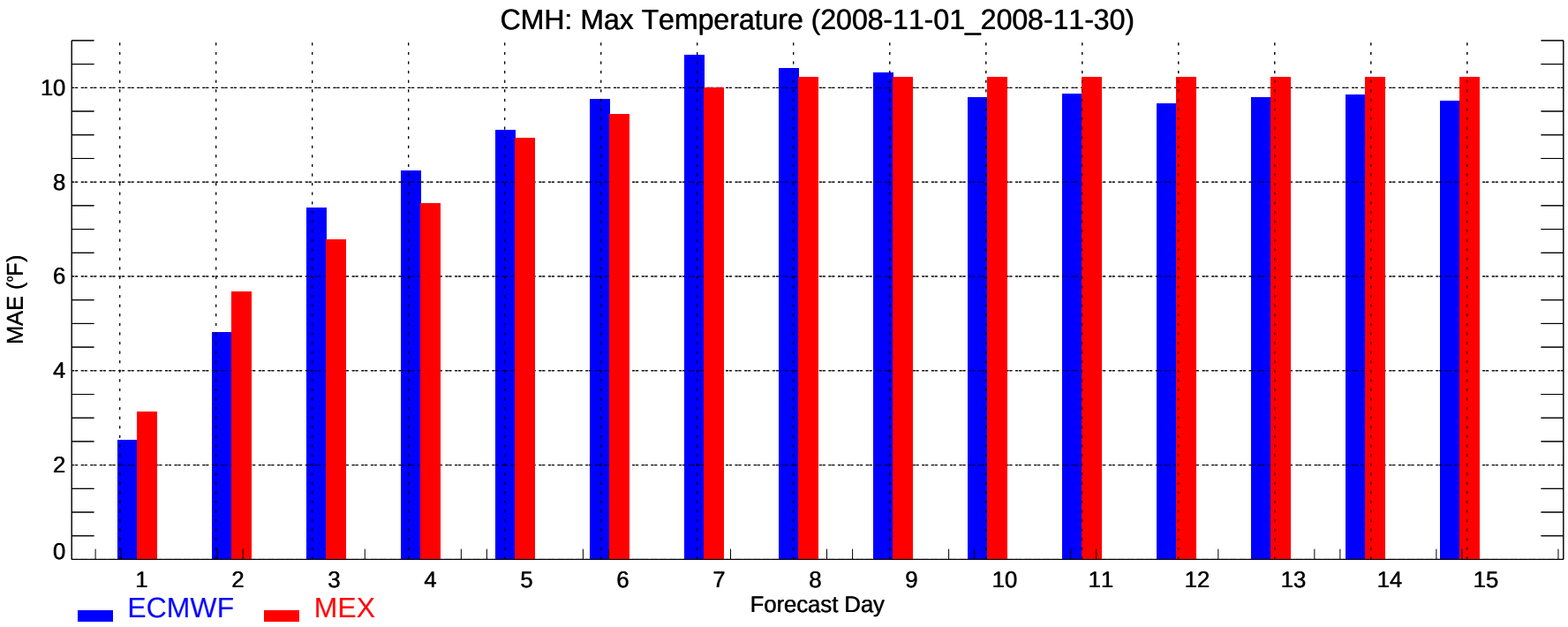
Forecast Day
ECMWF
MEX


CMH: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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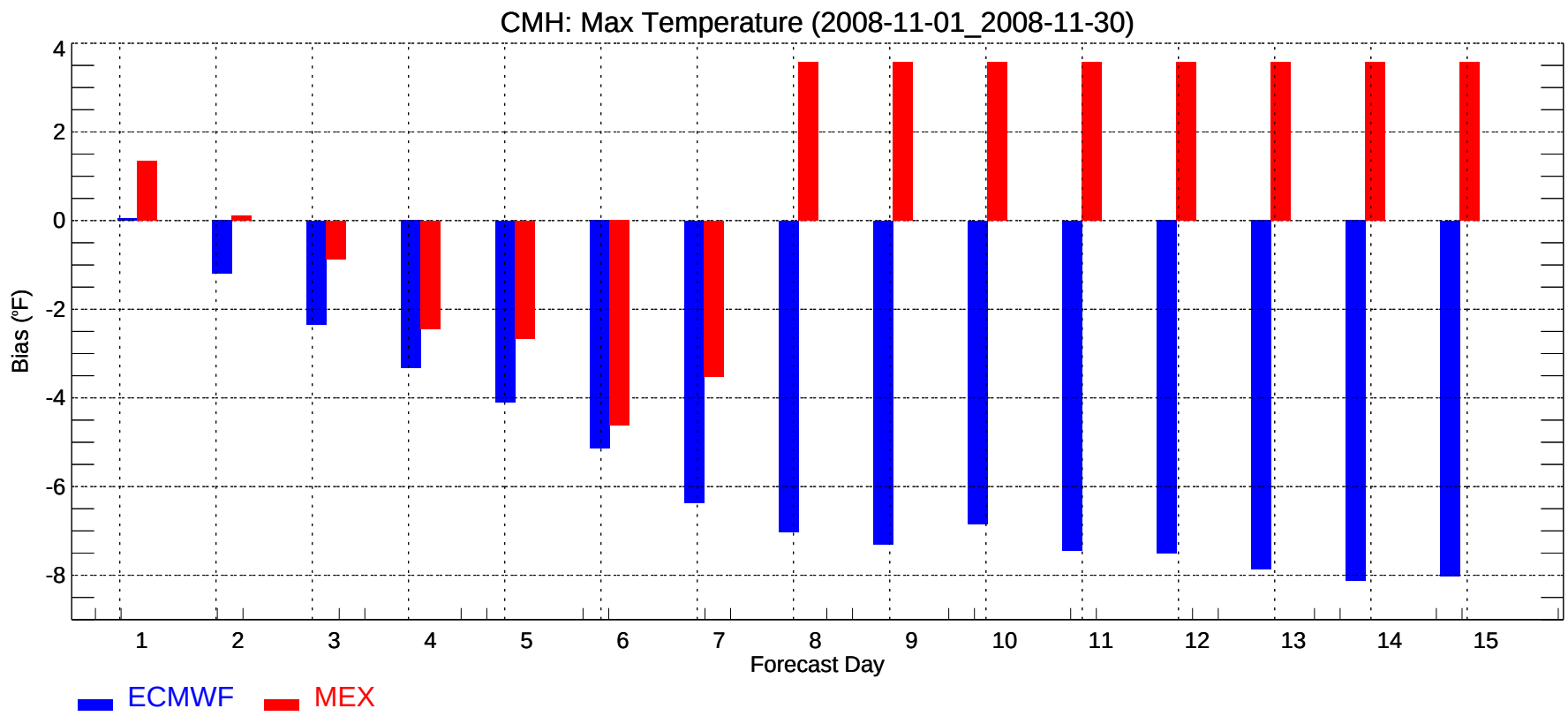
Forecast Day
ECMWF
MEX


CMH: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
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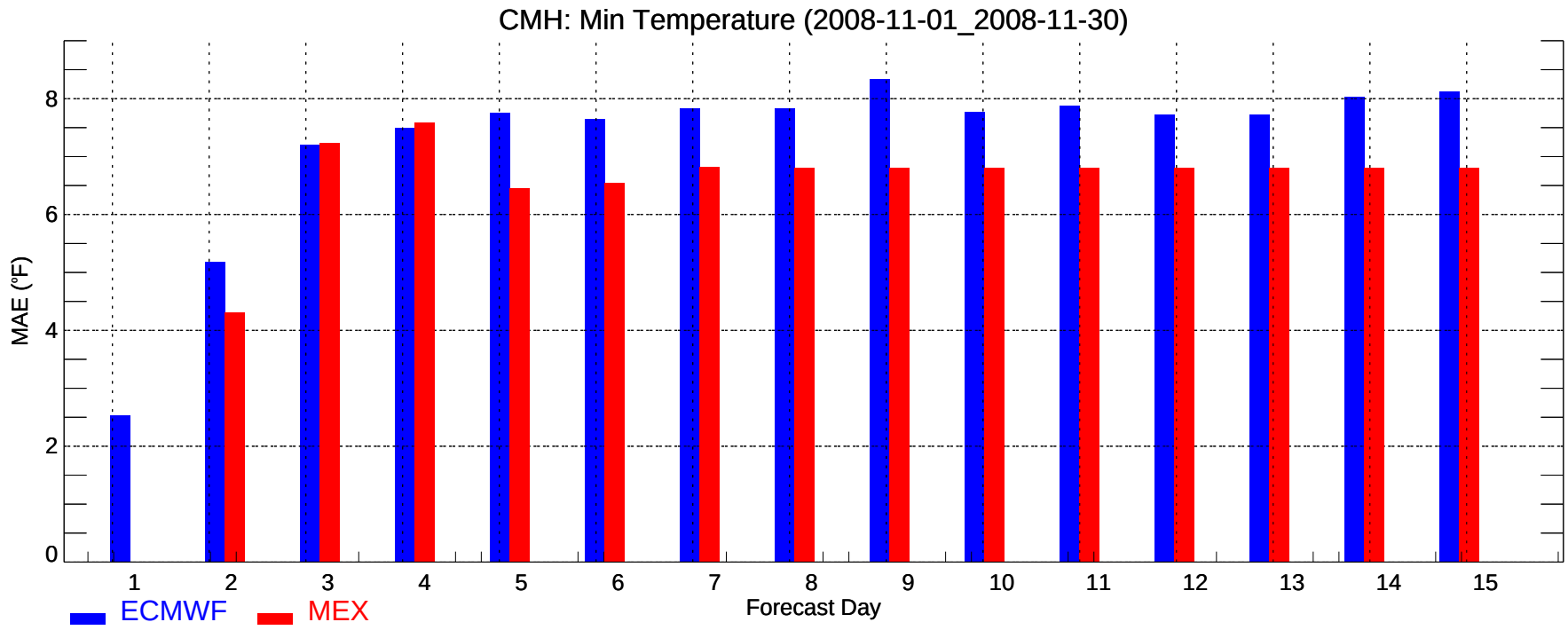
Forecast Day
ECMWF
MEX


CMH: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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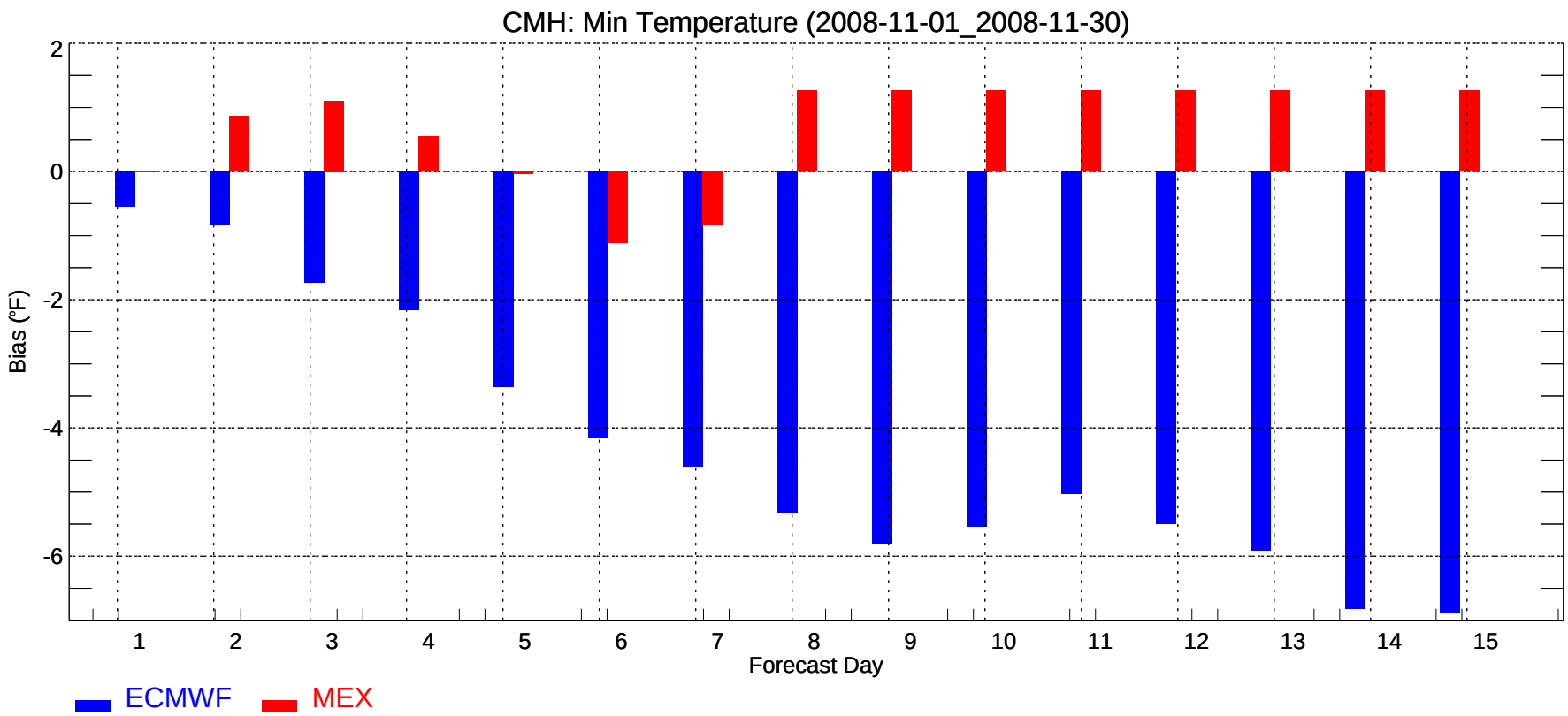
Forecast Day
ECMWF
MEX


CMH: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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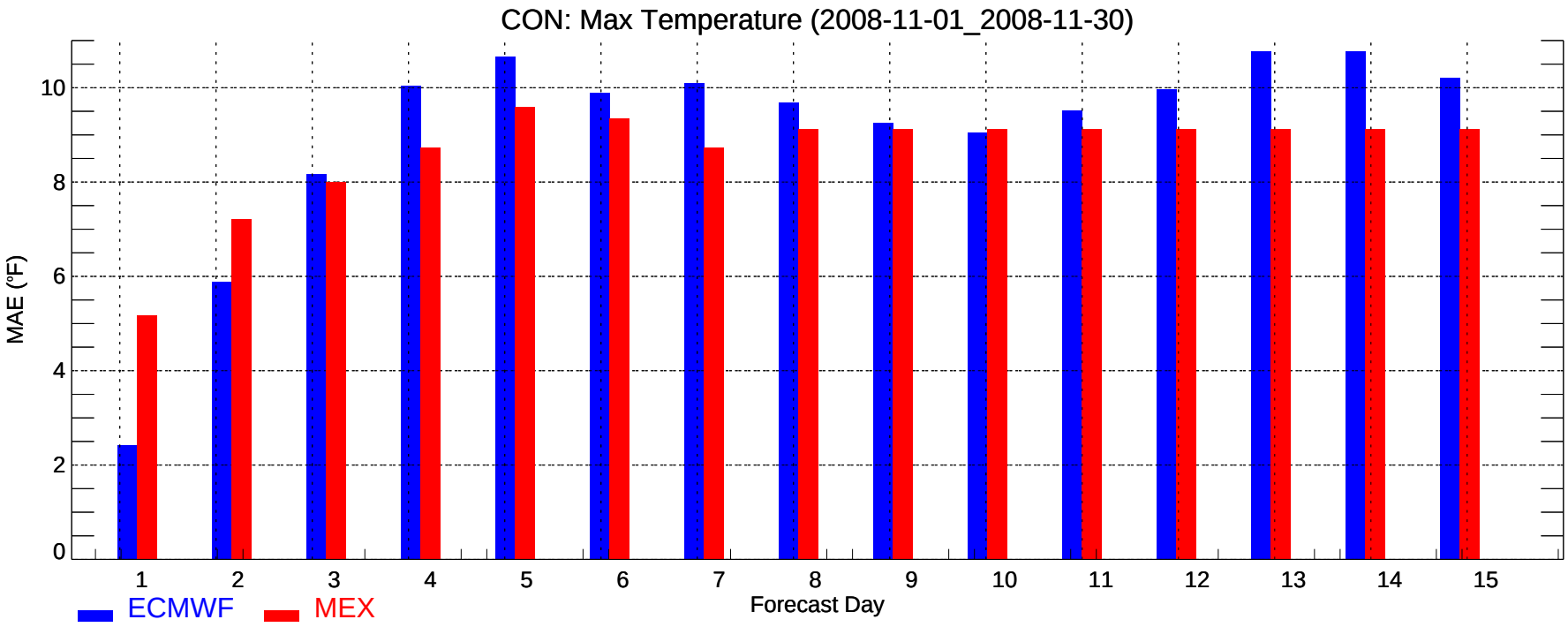
Forecast Day
ECMWF
MEX


CON: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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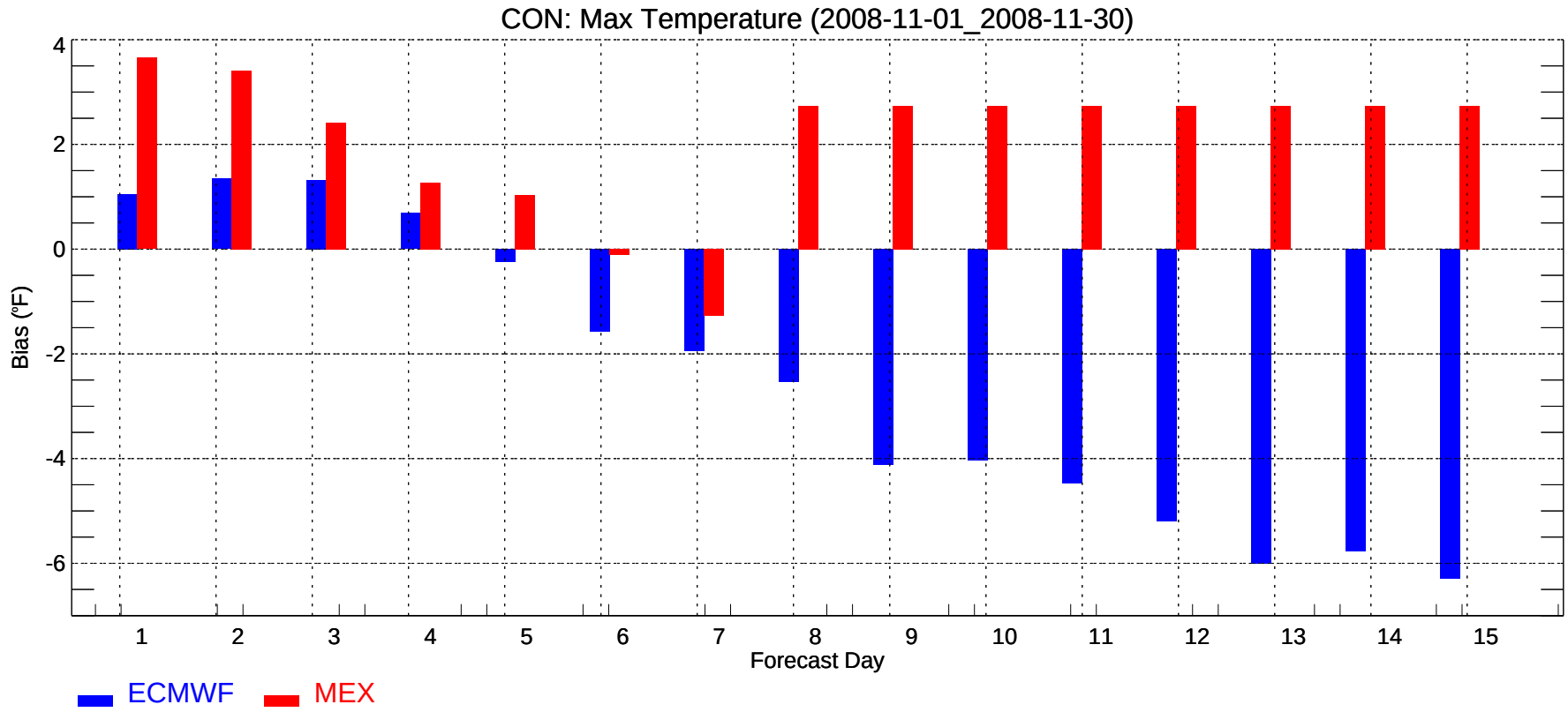
Forecast Day
ECMWF
MEX


CON: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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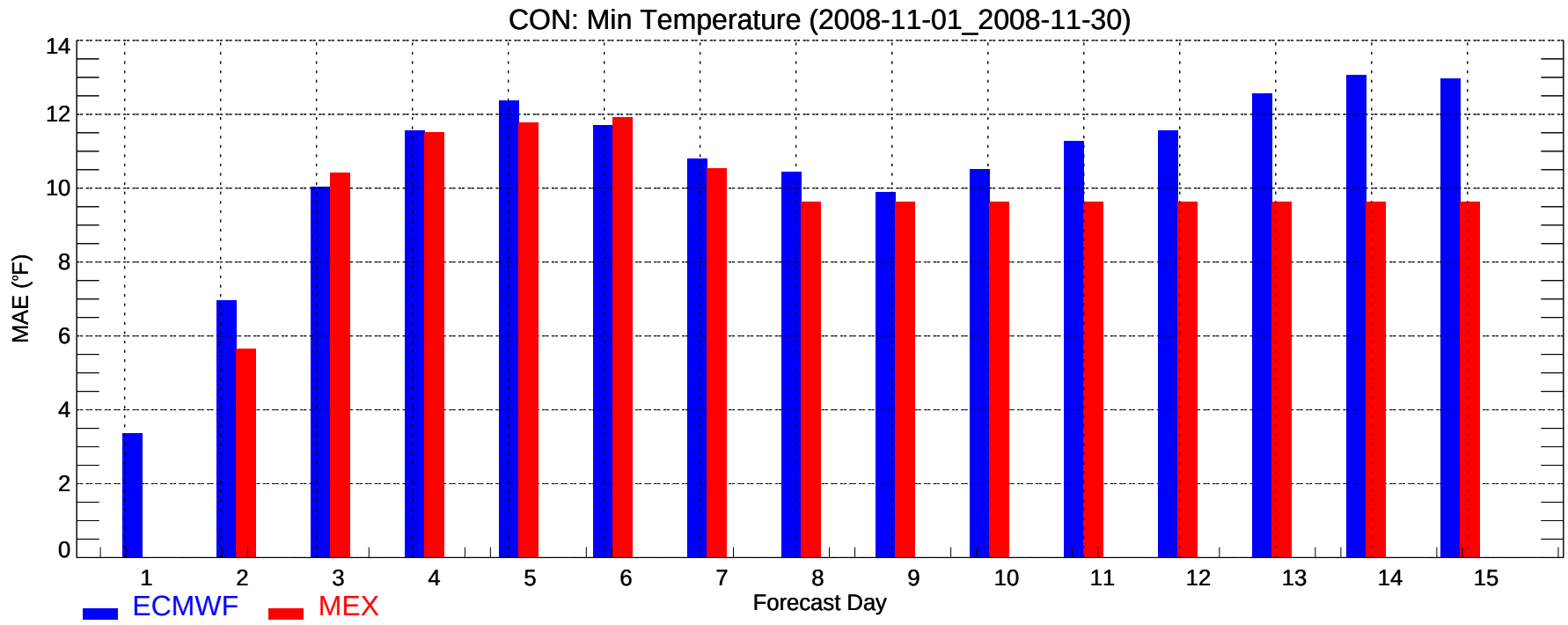
Forecast Day
ECMWF
MEX


CON: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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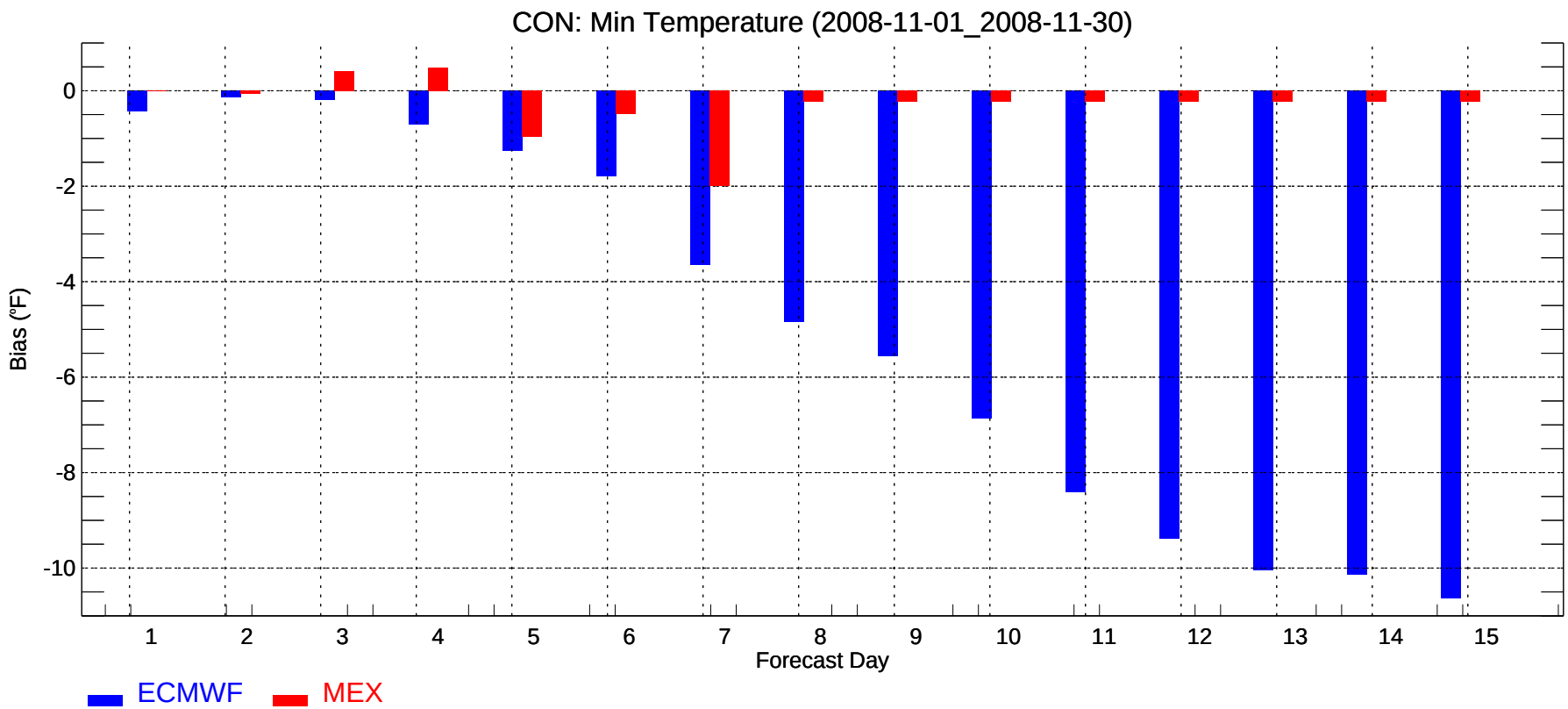
Forecast Day
ECMWF
MEX


CON: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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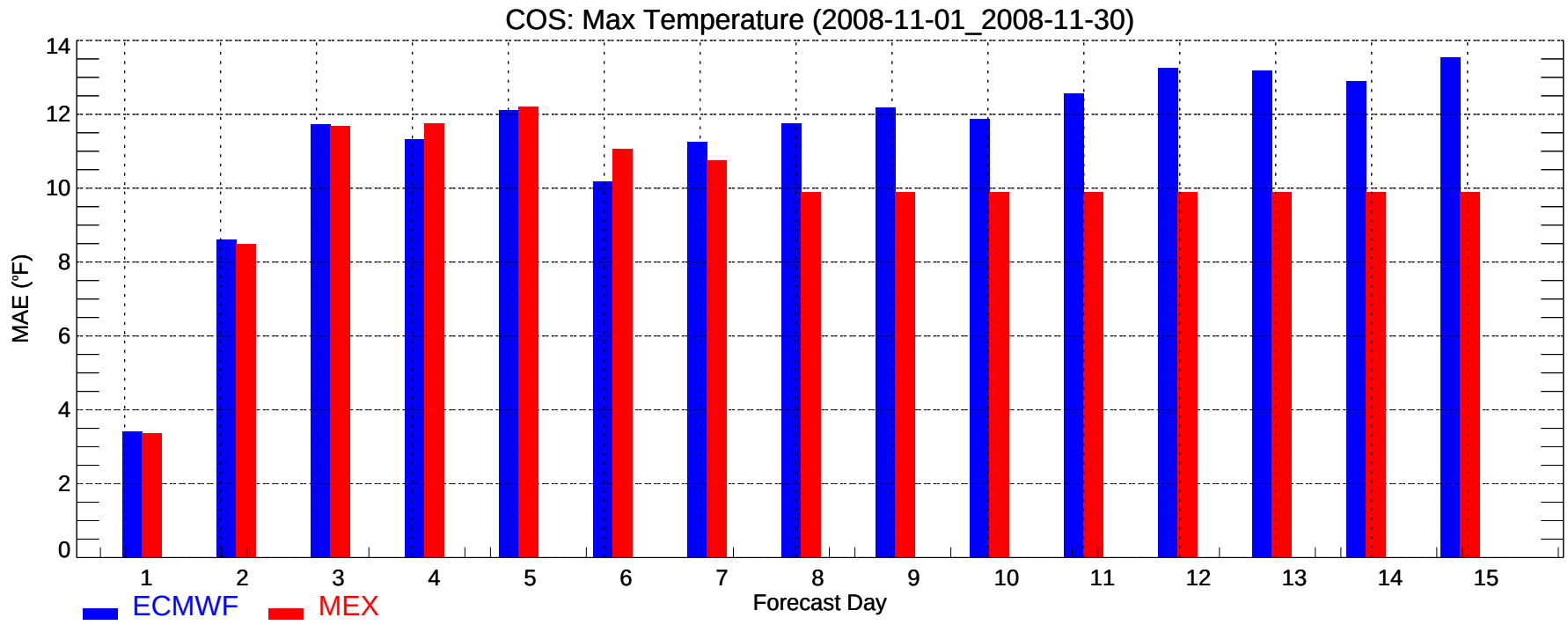
Forecast Day
ECMWF
MEX


COS: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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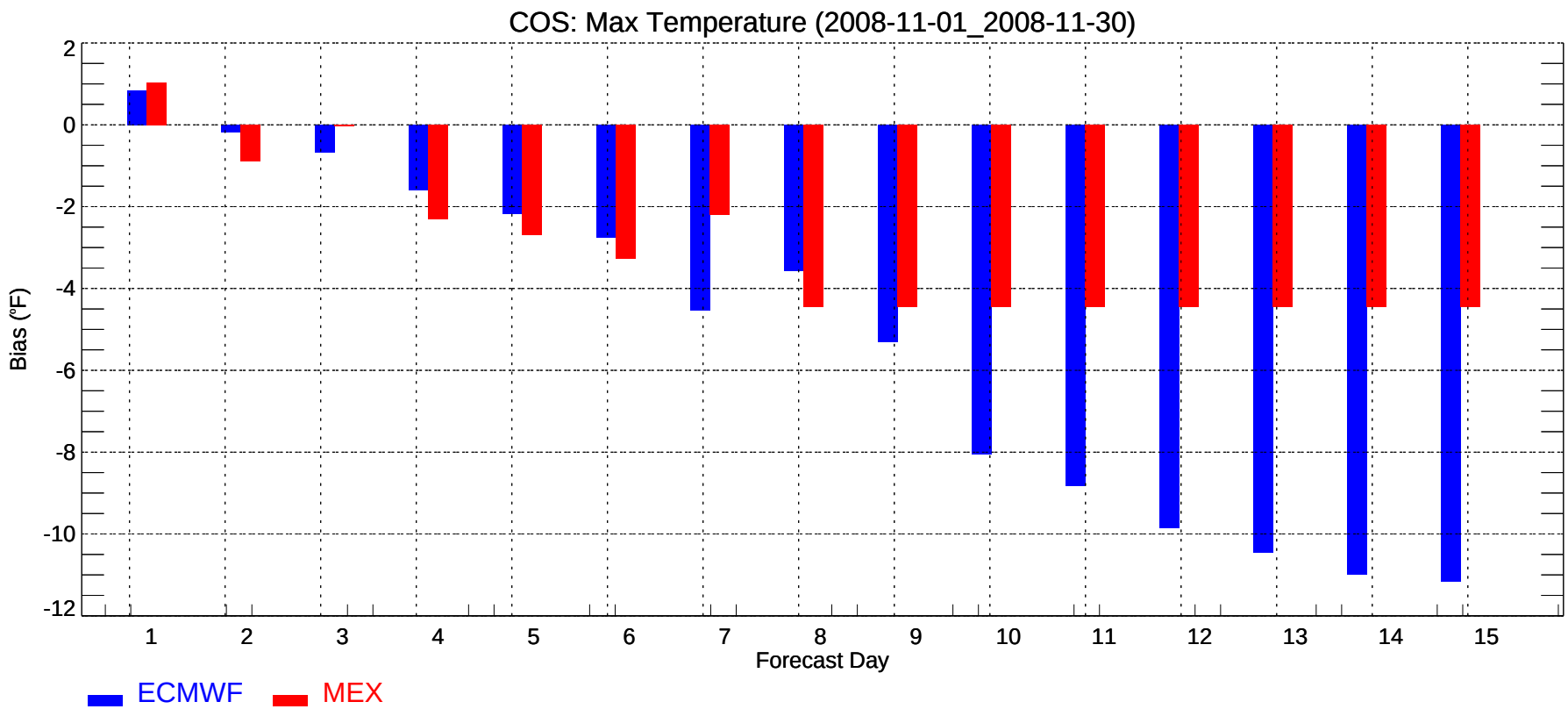
Forecast Day
ECMWF
MEX


COS: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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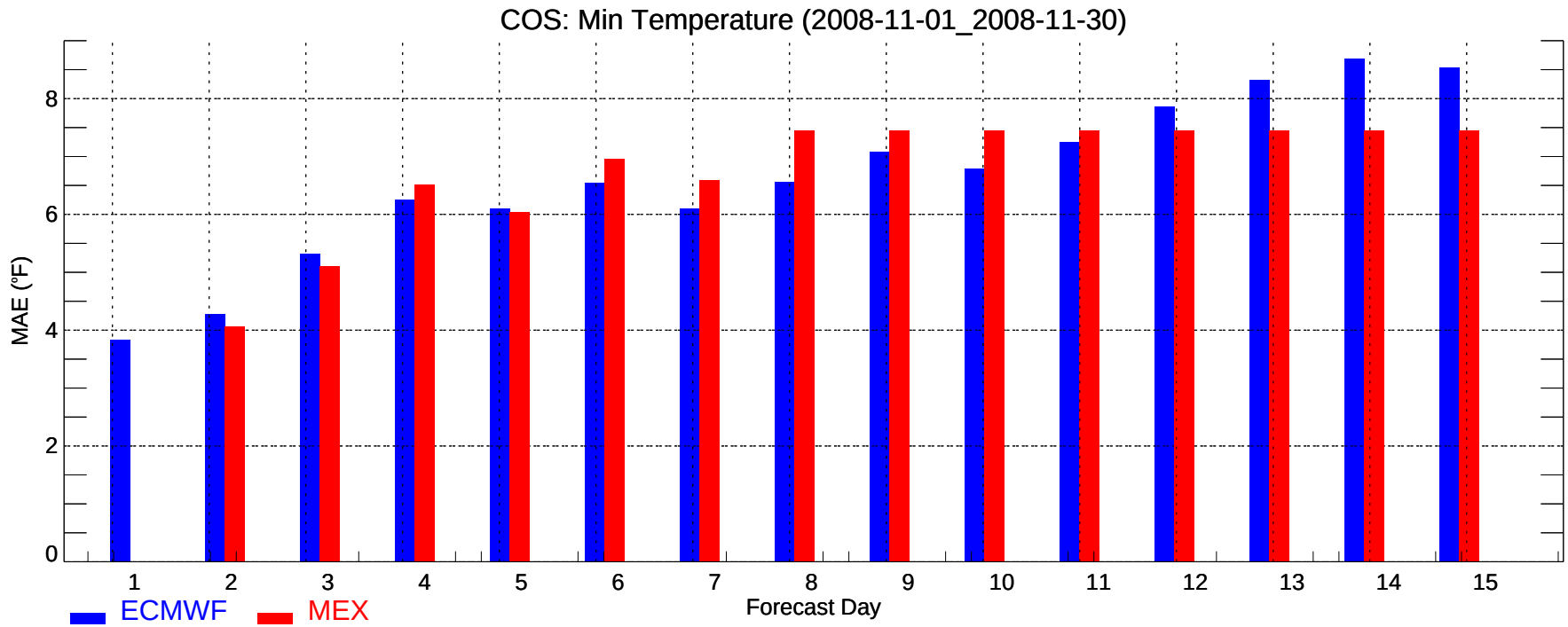
Forecast Day
ECMWF
MEX


COS: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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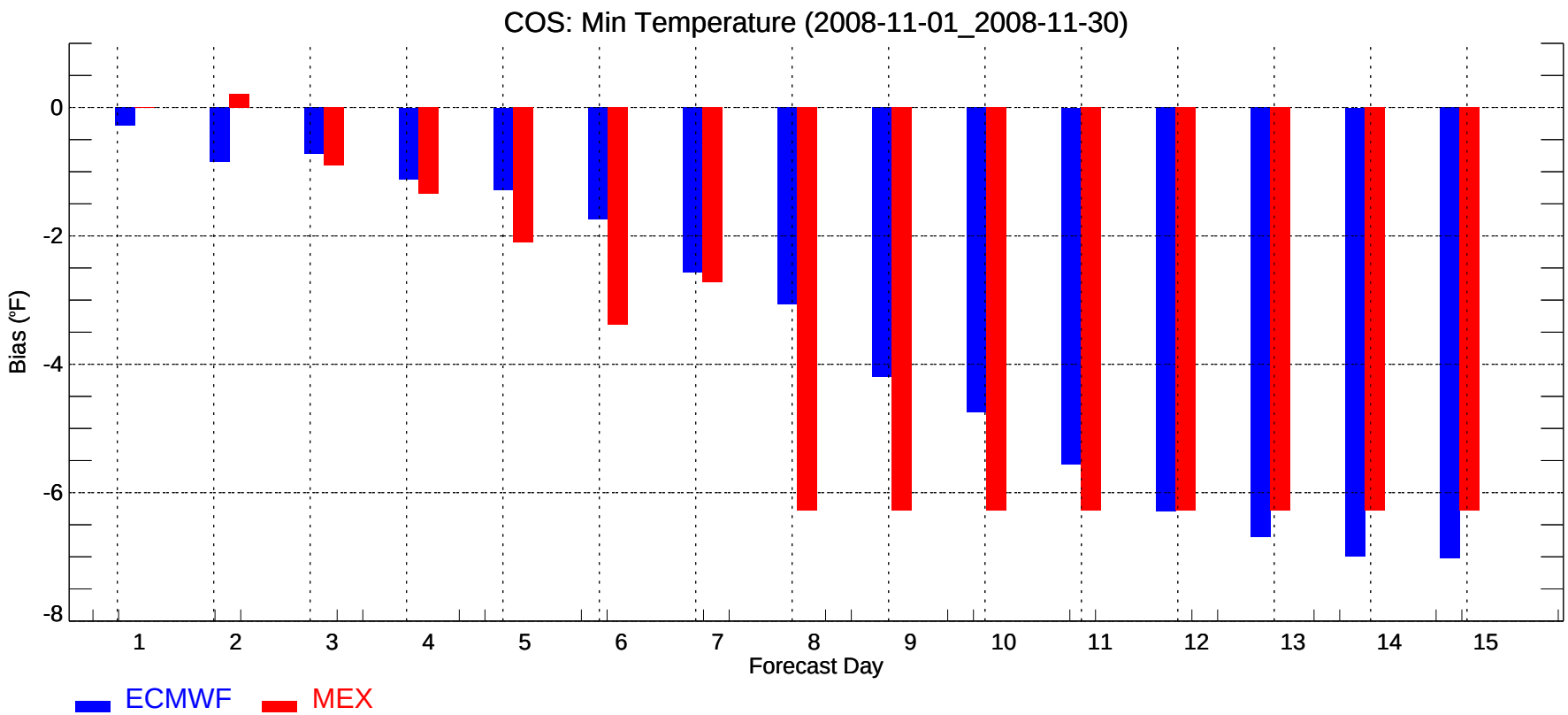
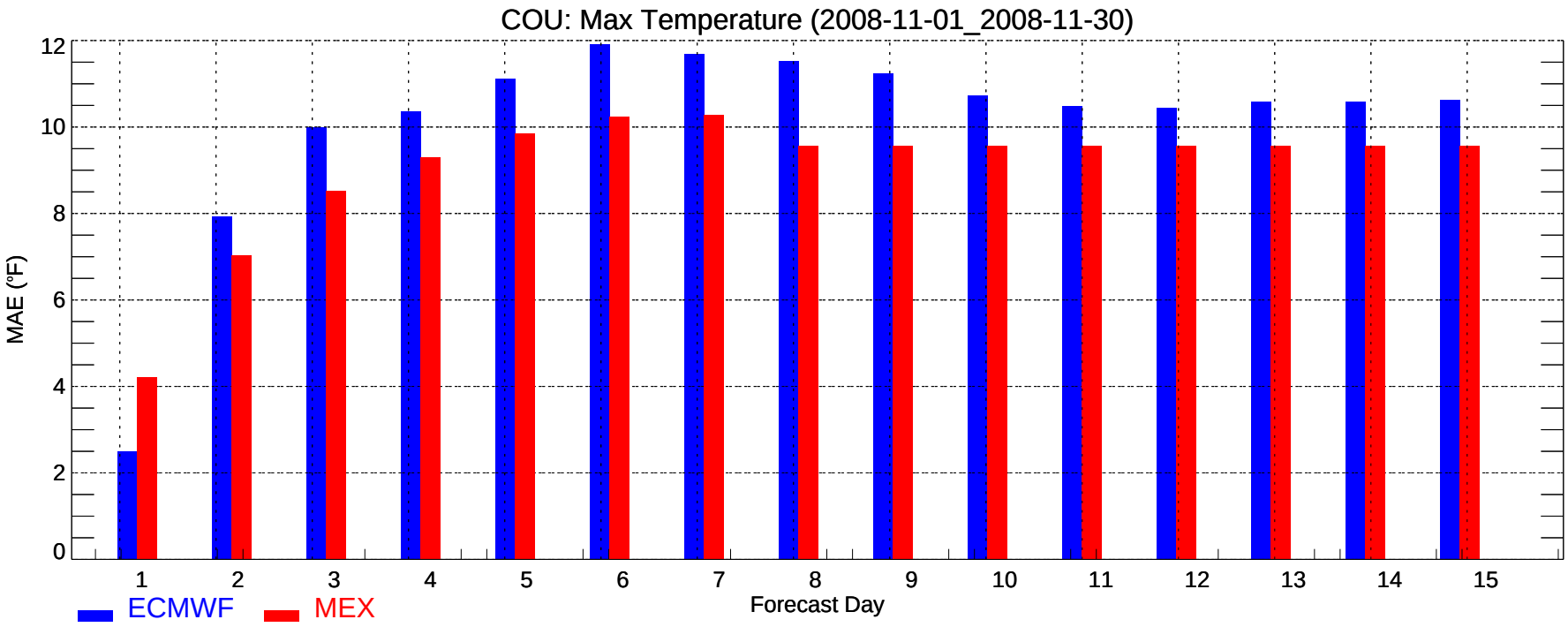
15
Forecast Day
ECMWF
MEX


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


COU: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
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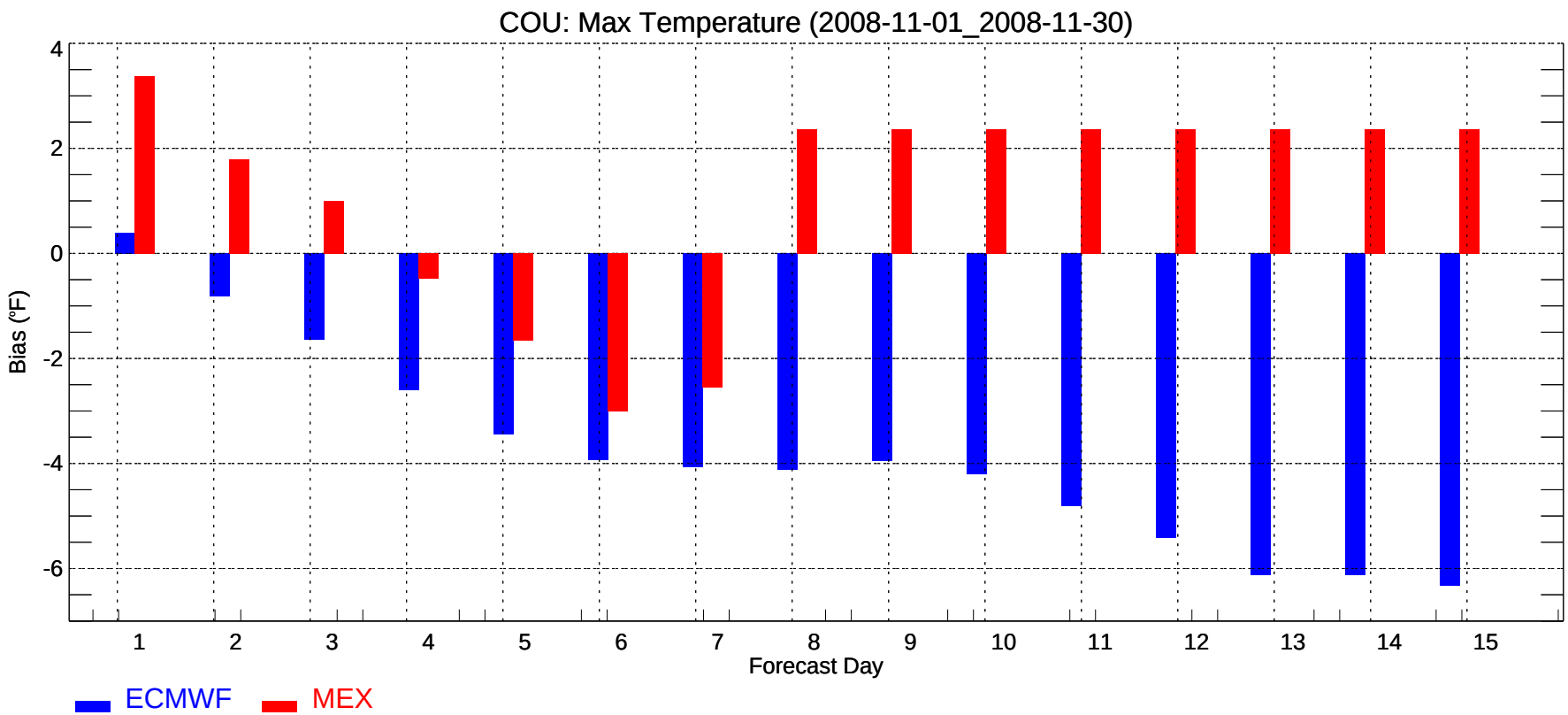
12
13
14
15
Forecast Day
ECMWF
MEX


COU: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
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5
6
7
8
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10
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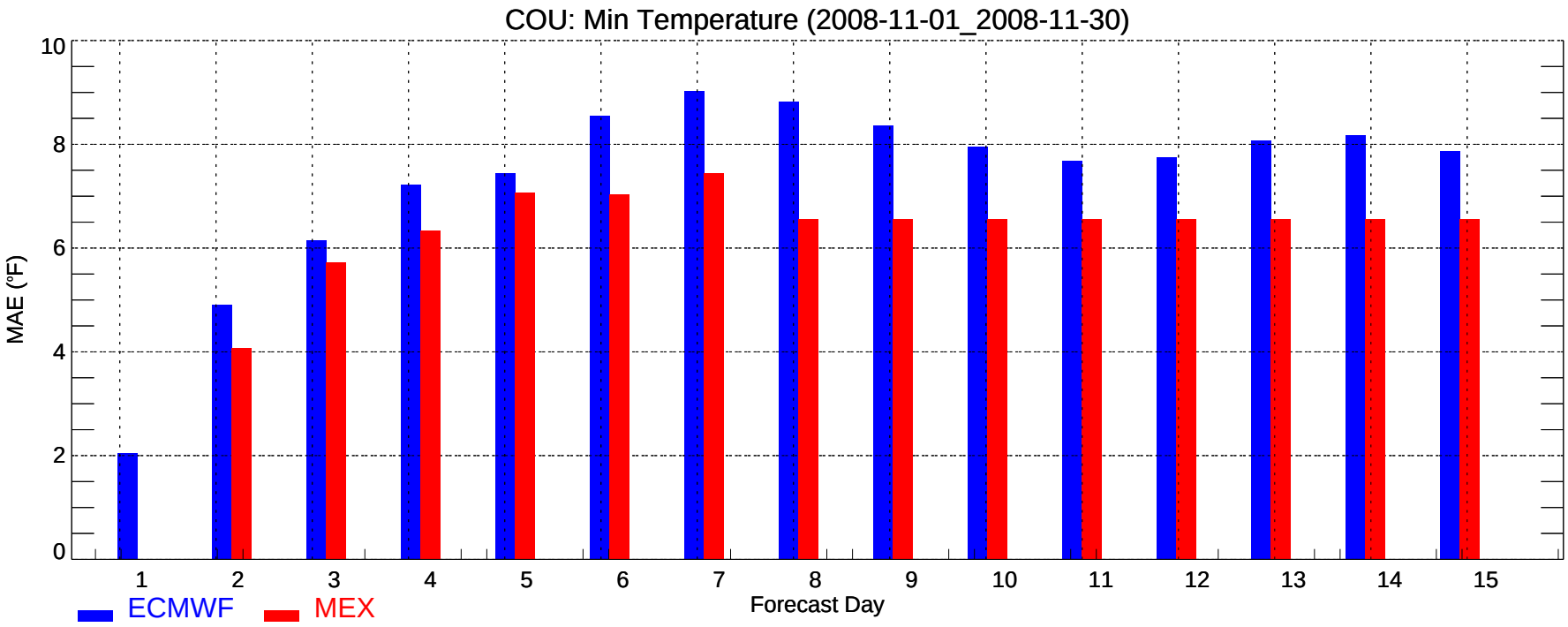
12
13
14
15
Forecast Day
ECMWF
MEX


COU: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
10
8
6
4
2
0
1
2
3
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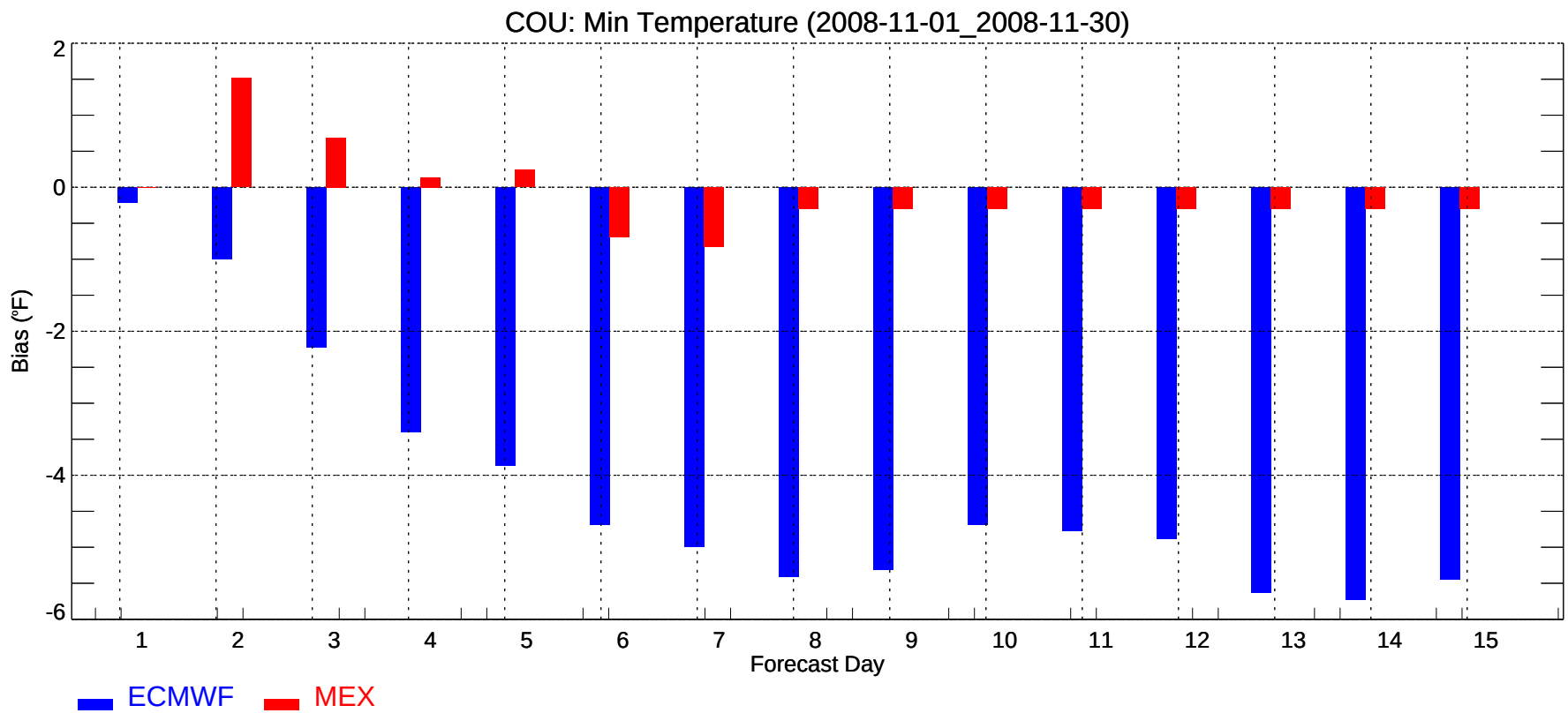
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


COU: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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5
6
7
8
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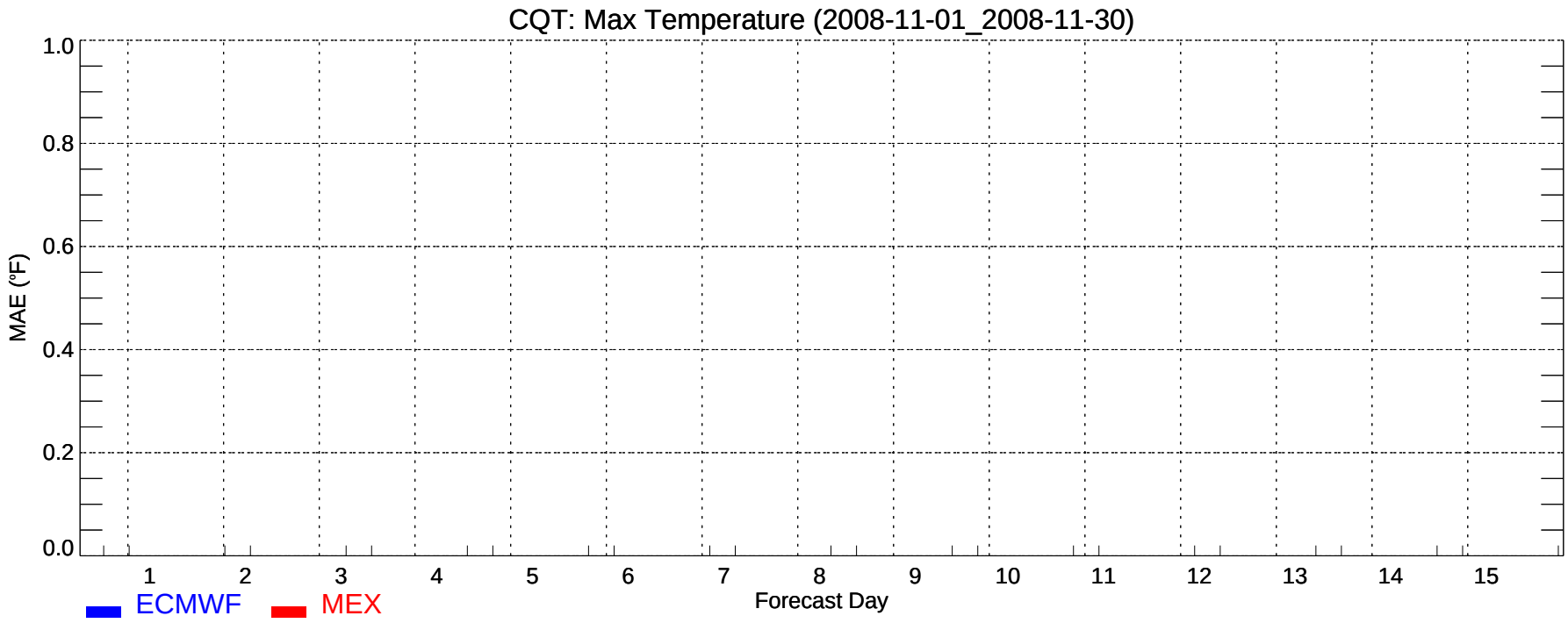
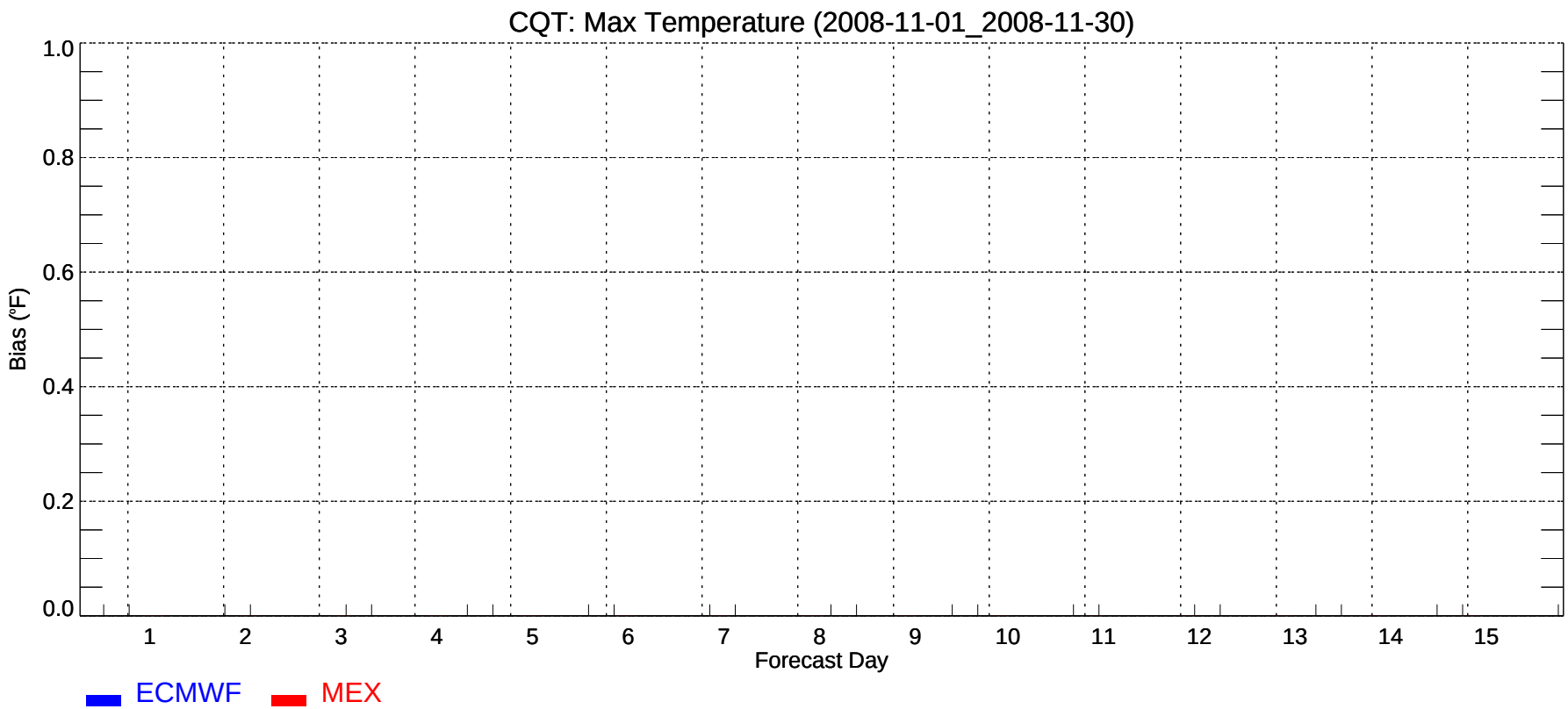
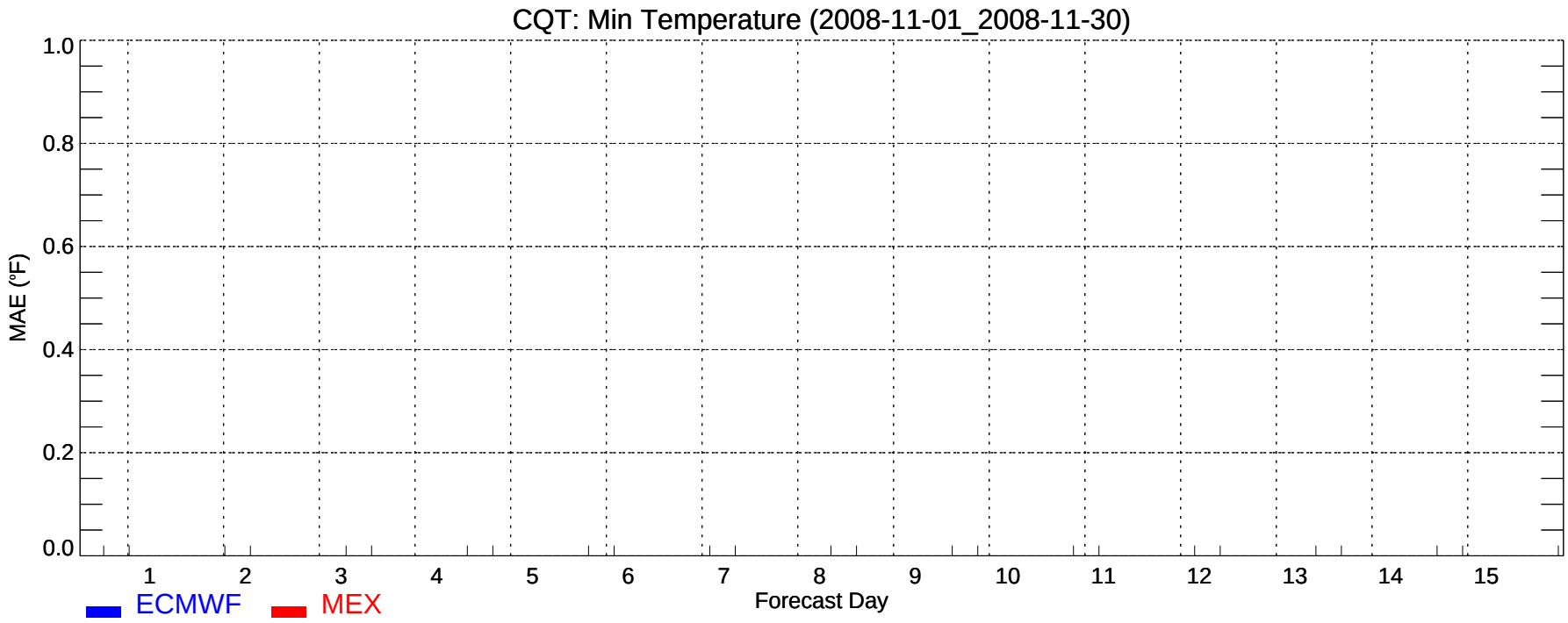
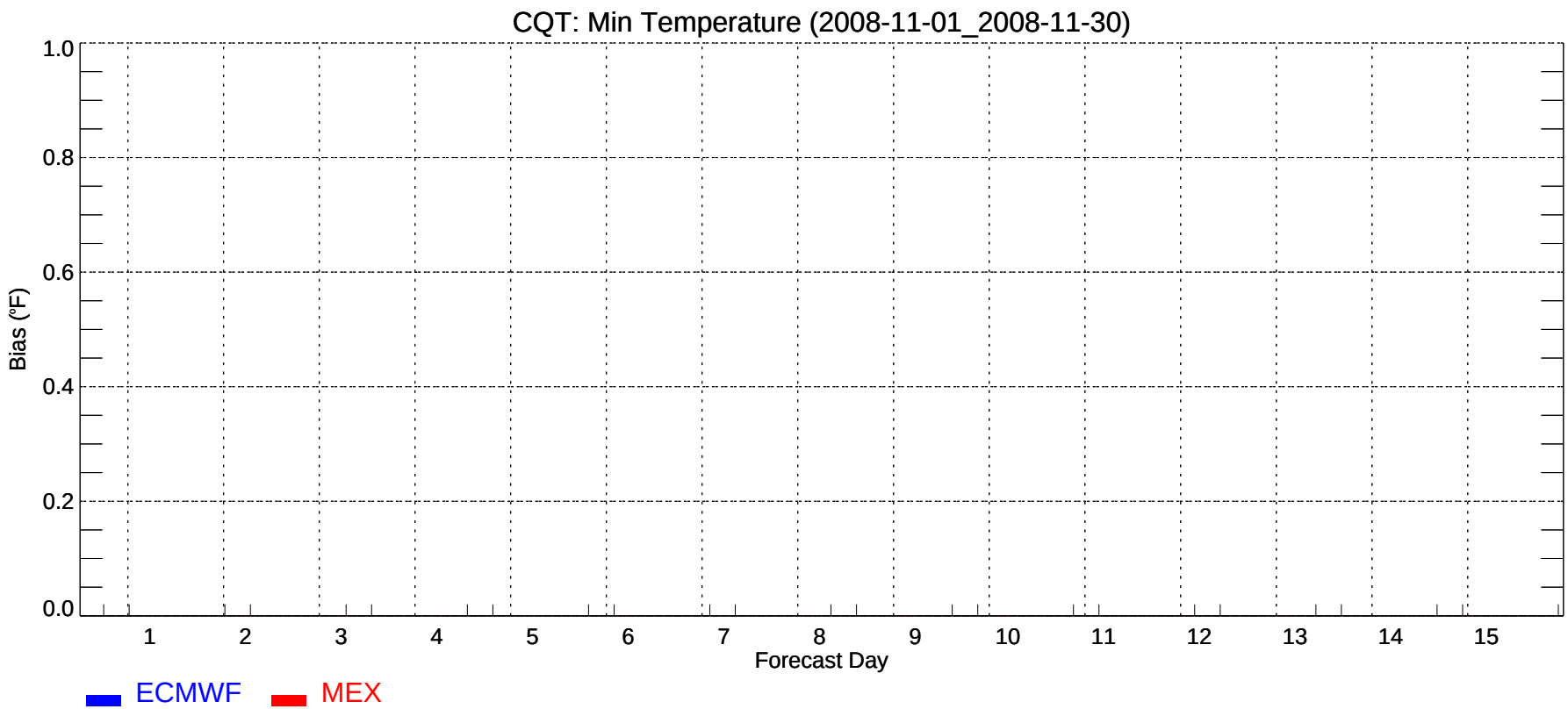
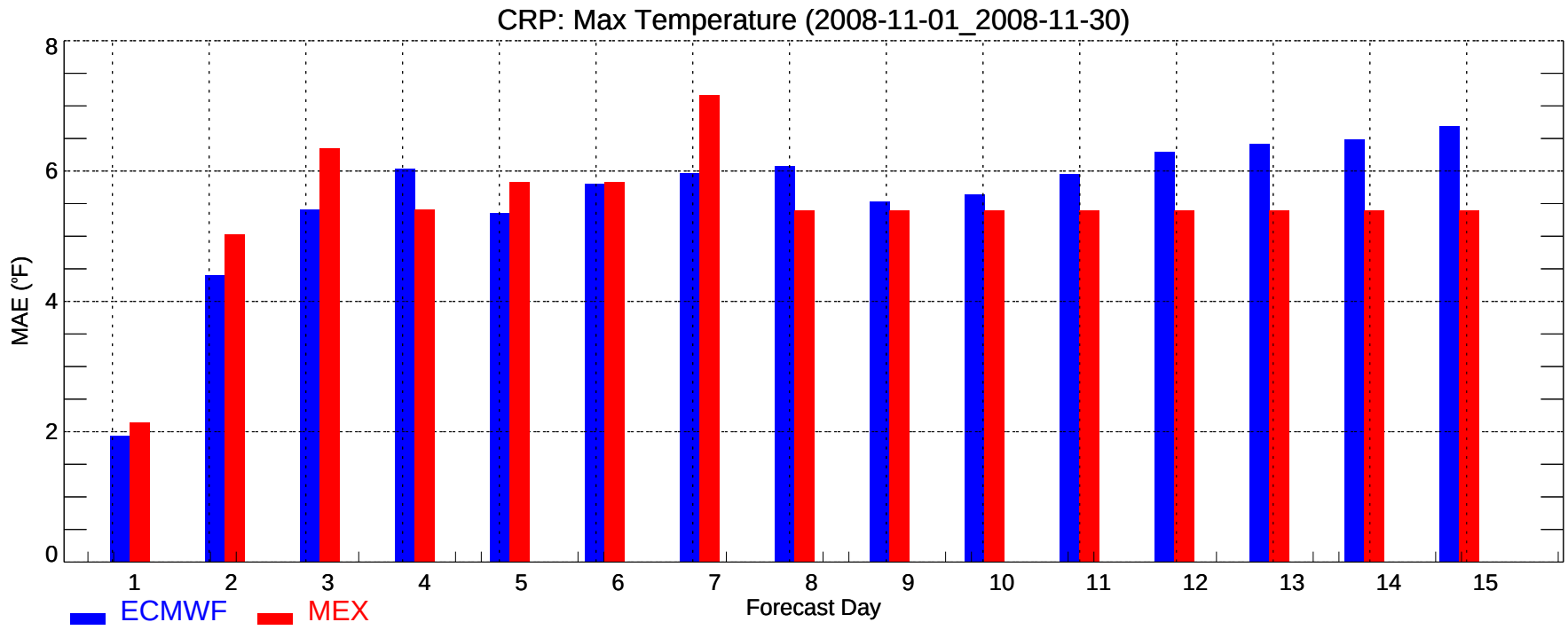
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

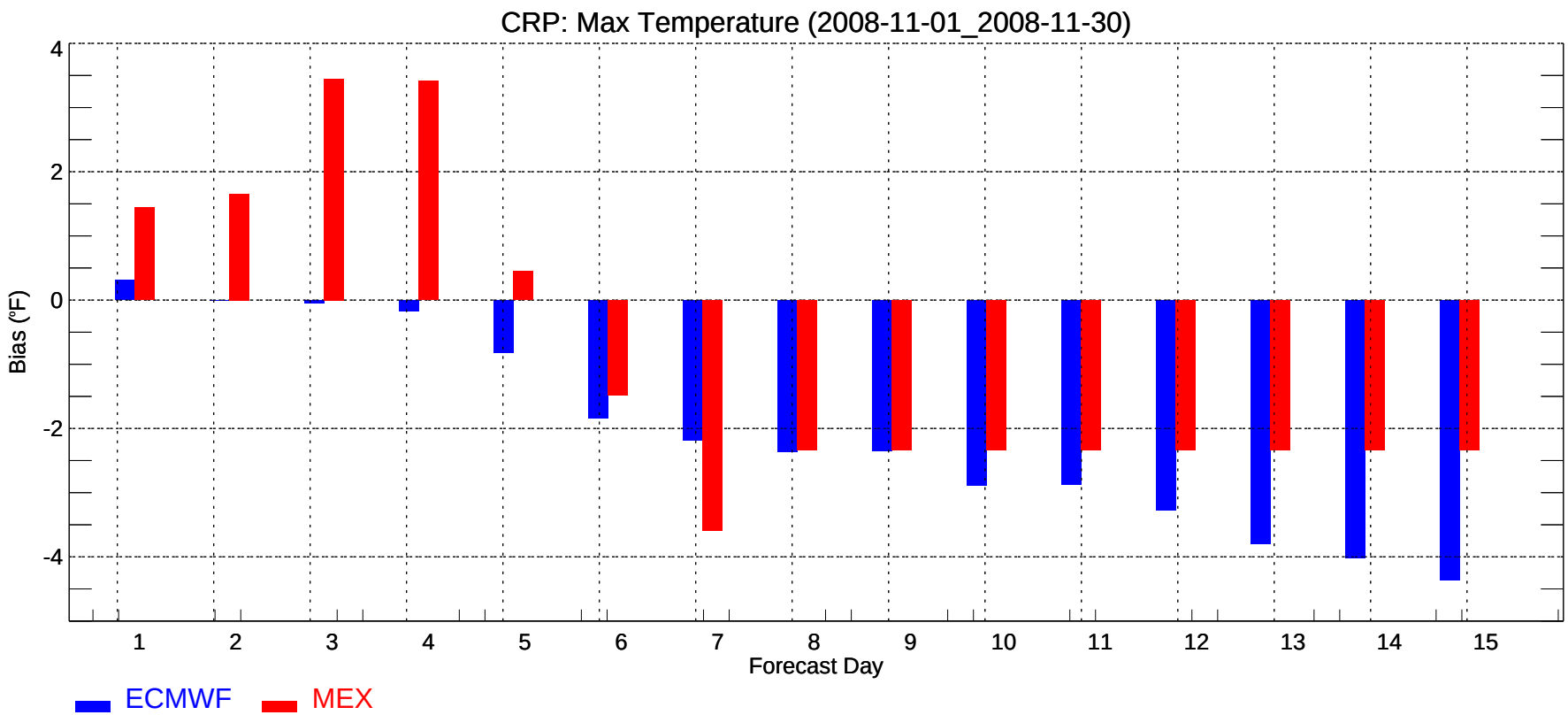

CQT: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
1.0
0.8
0.6
0.4
0.2
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX

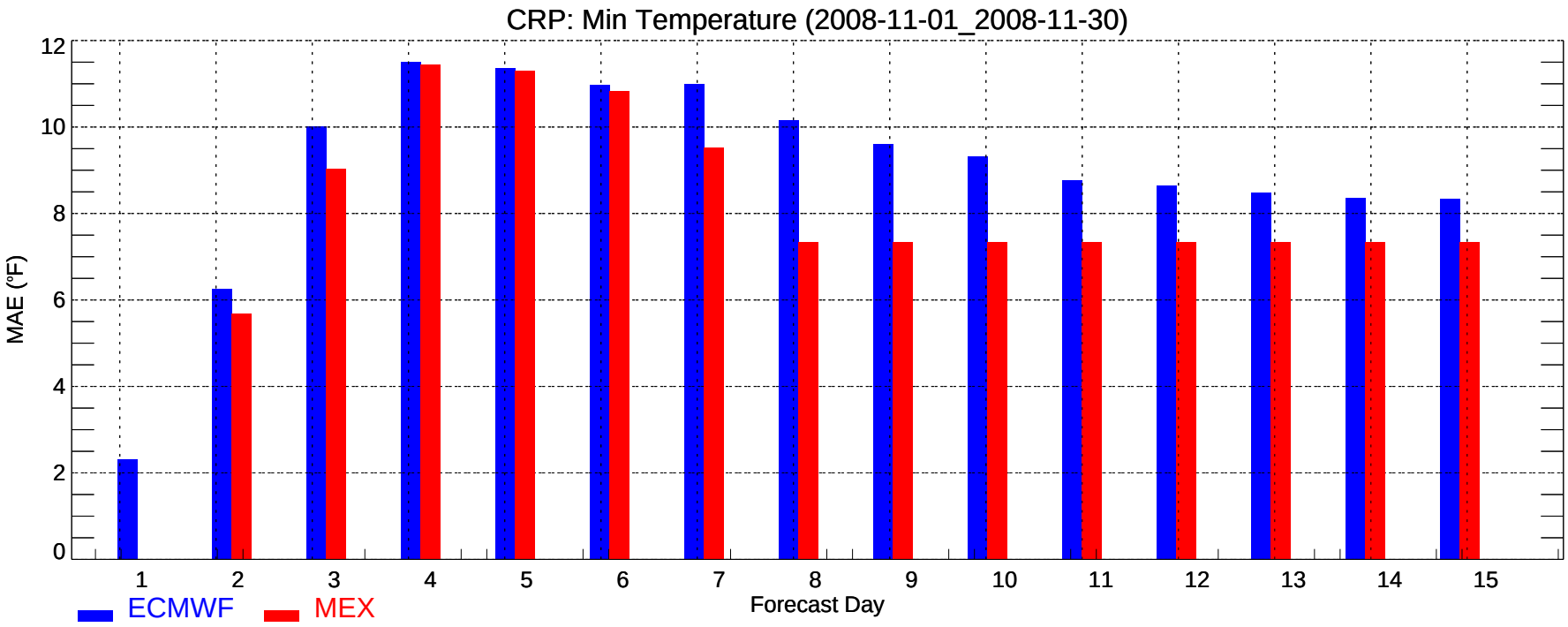

CQT: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
1.0
0.8
0.6
0.4
0.2
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX


CQT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
1.0
0.8
0.6
0.4
0.2
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX


CQT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1.0
0.8
0.6
0.4
0.2
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX


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


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


CRP: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
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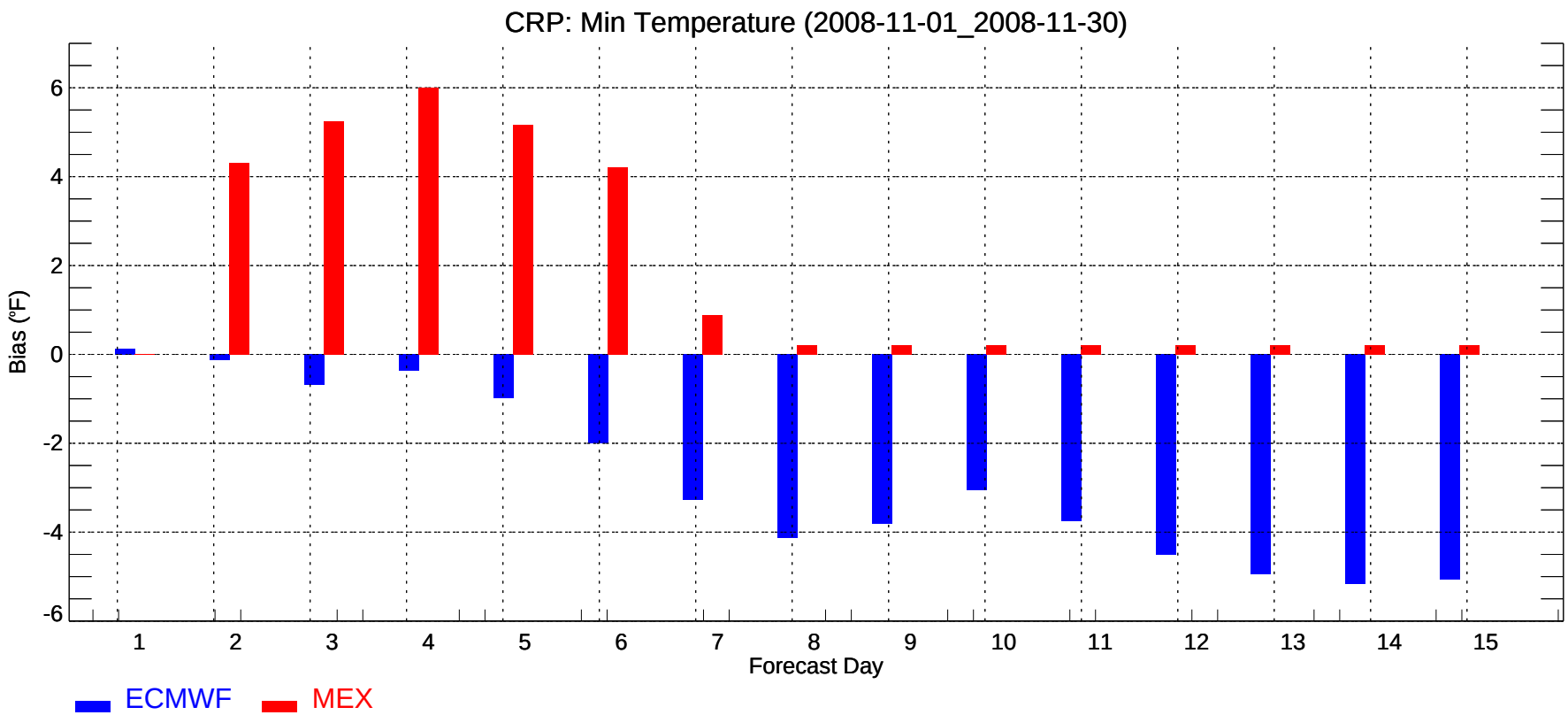
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRP: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
-6
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
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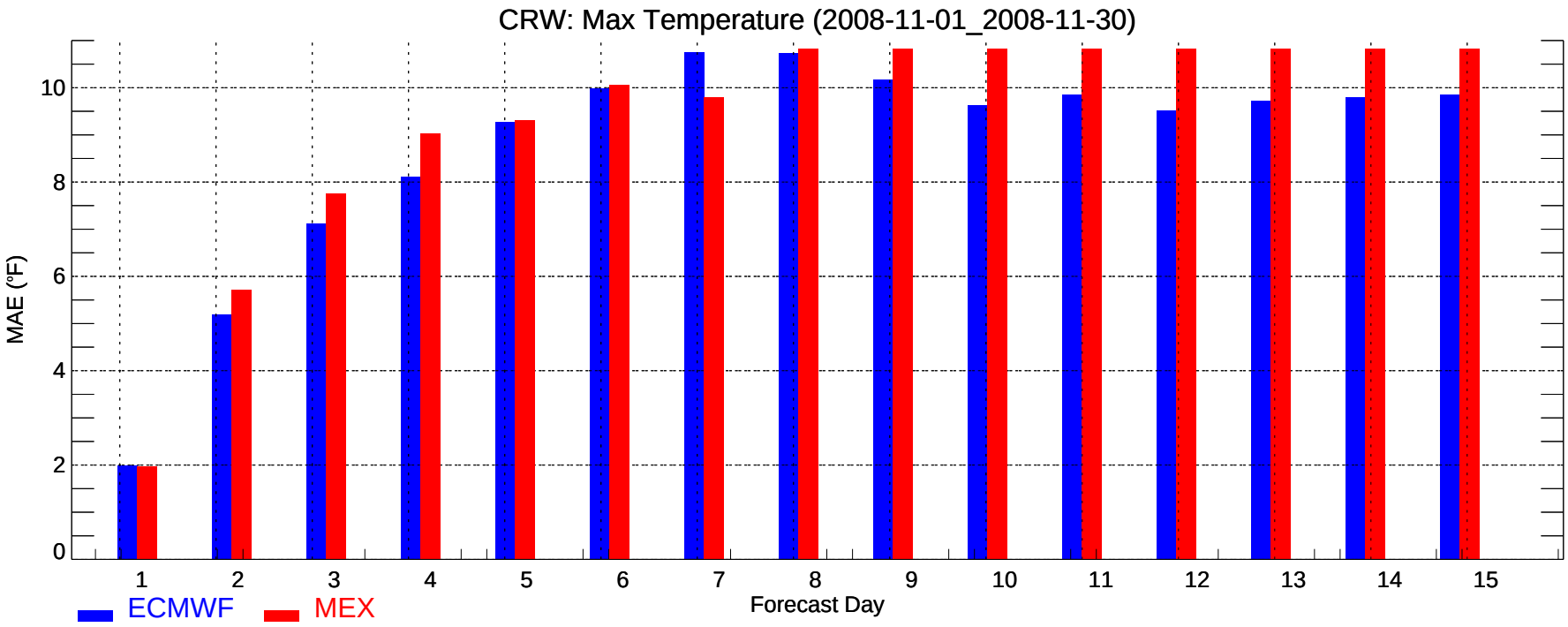
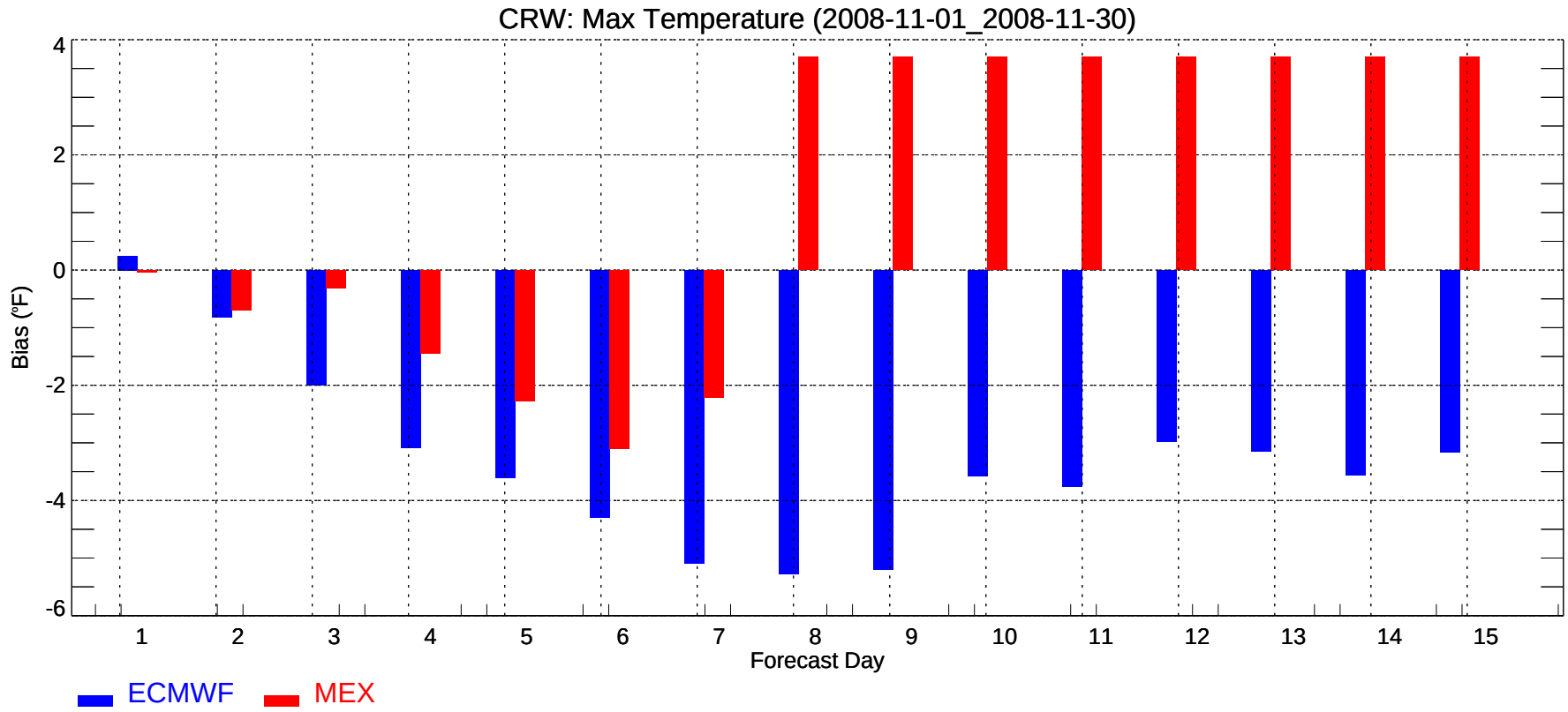
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRW: Max Temperature (2008-11-01_2008-11-30)
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 (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
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7
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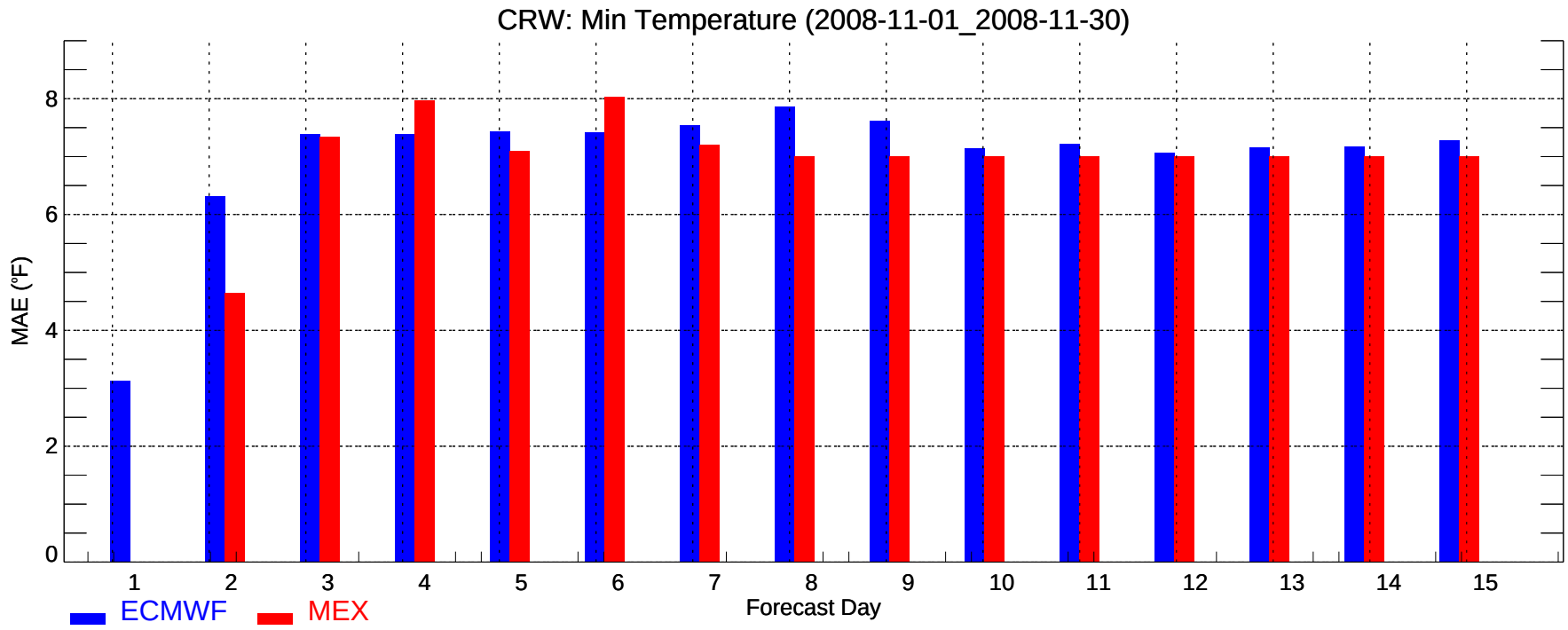
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRW: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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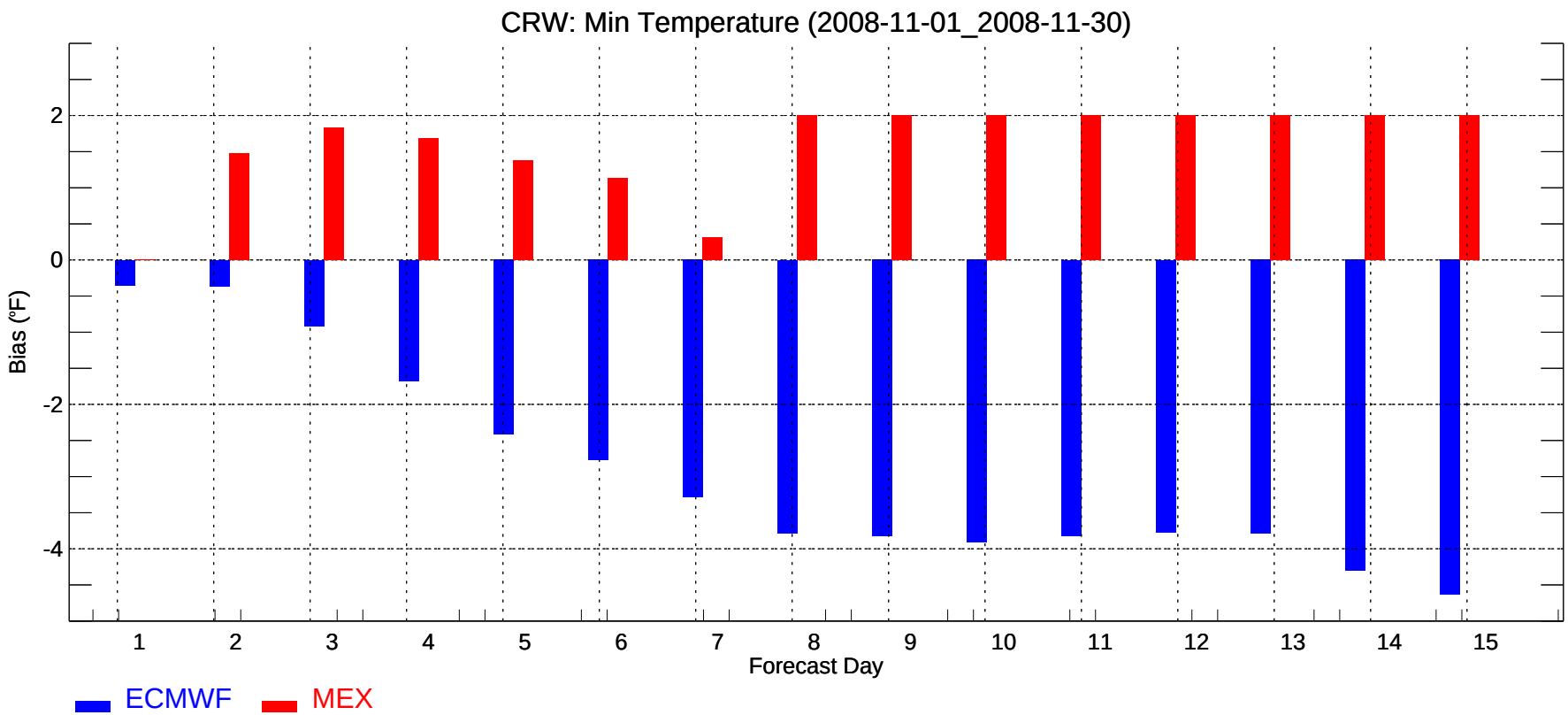
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CRW: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
1
2
3
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8
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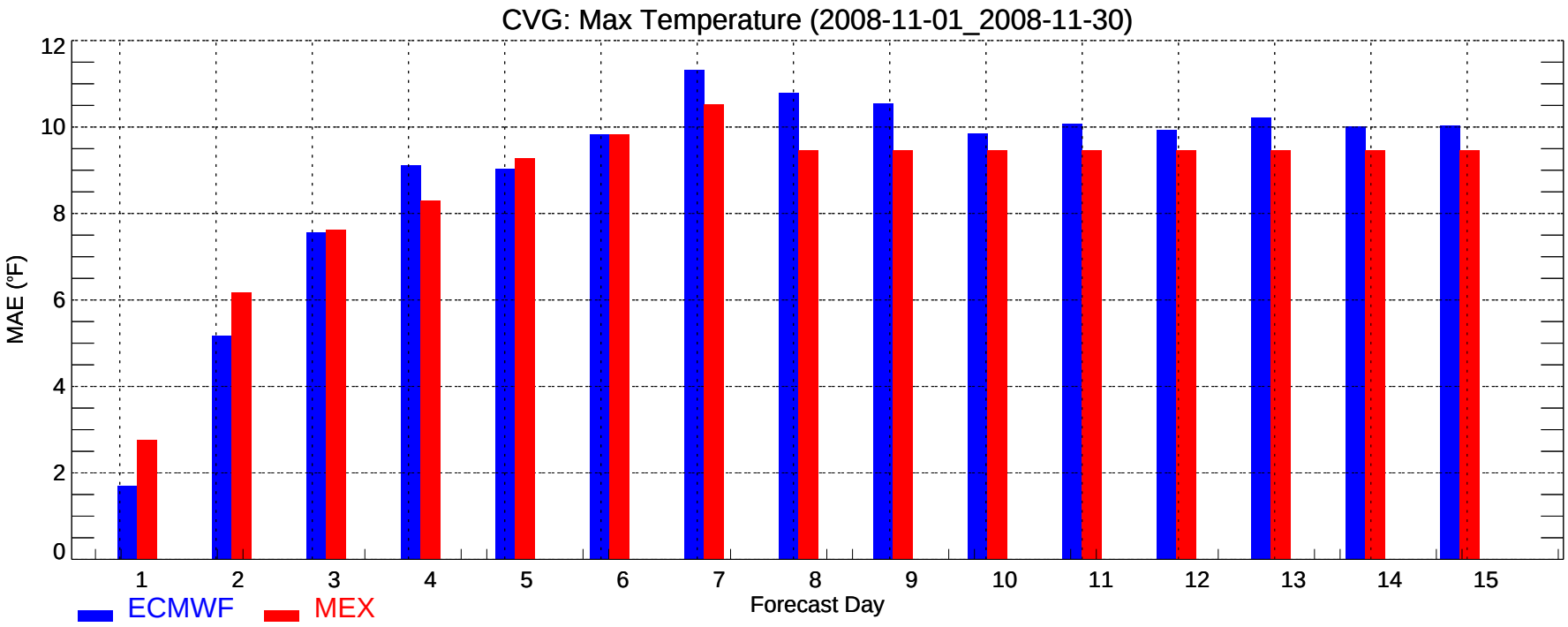
13
14
15
Forecast Day
ECMWF
MEX


CVG: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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2
4
6
8
10
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1
2
3
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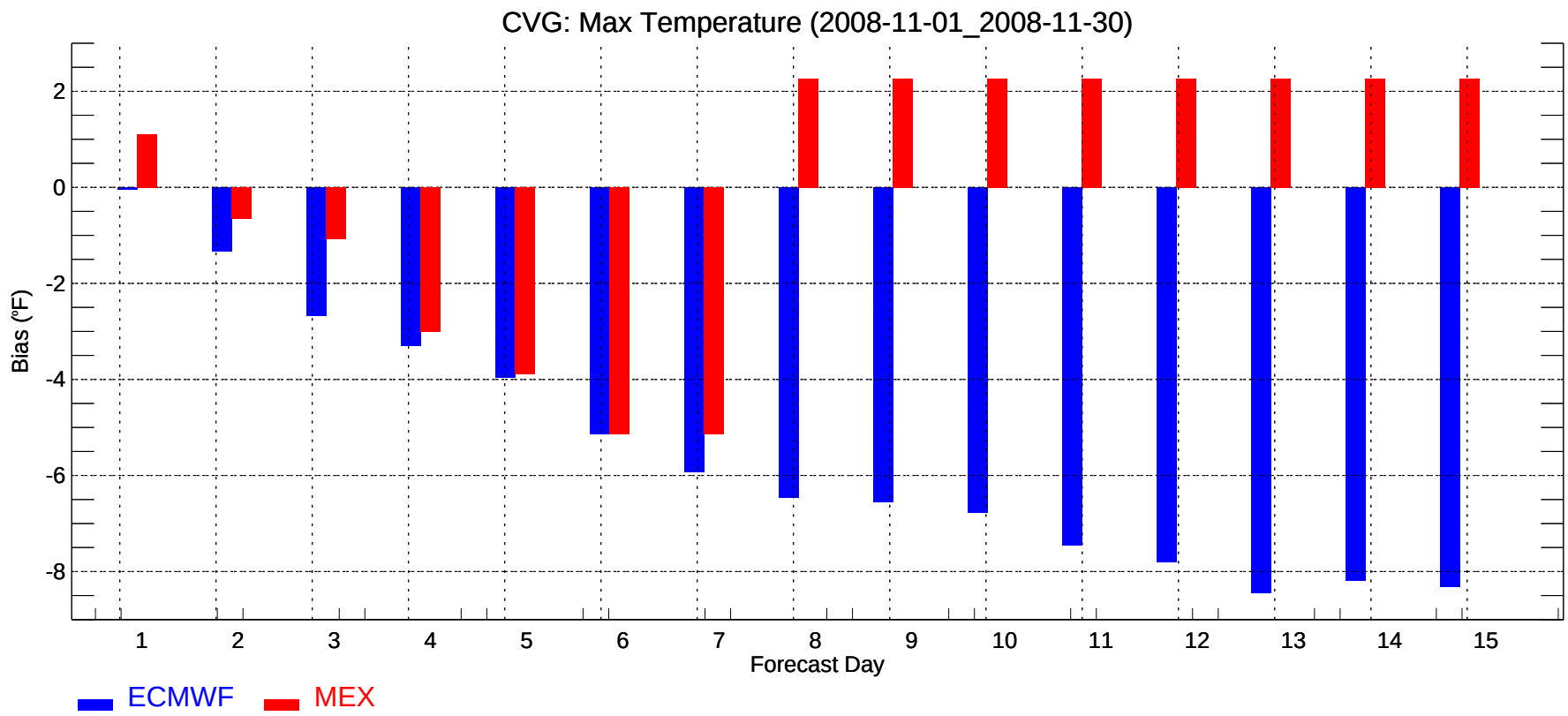
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


CVG: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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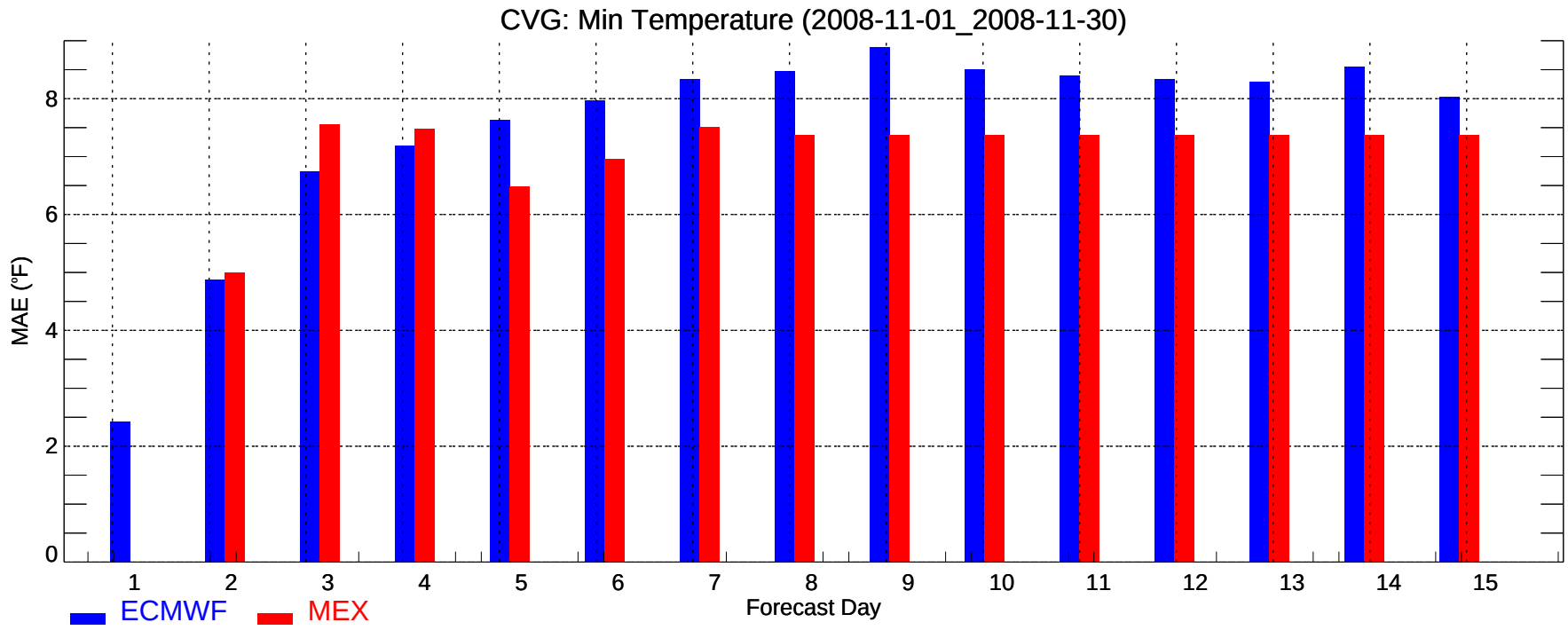
Forecast Day
ECMWF
MEX


CVG: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
7
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13
14
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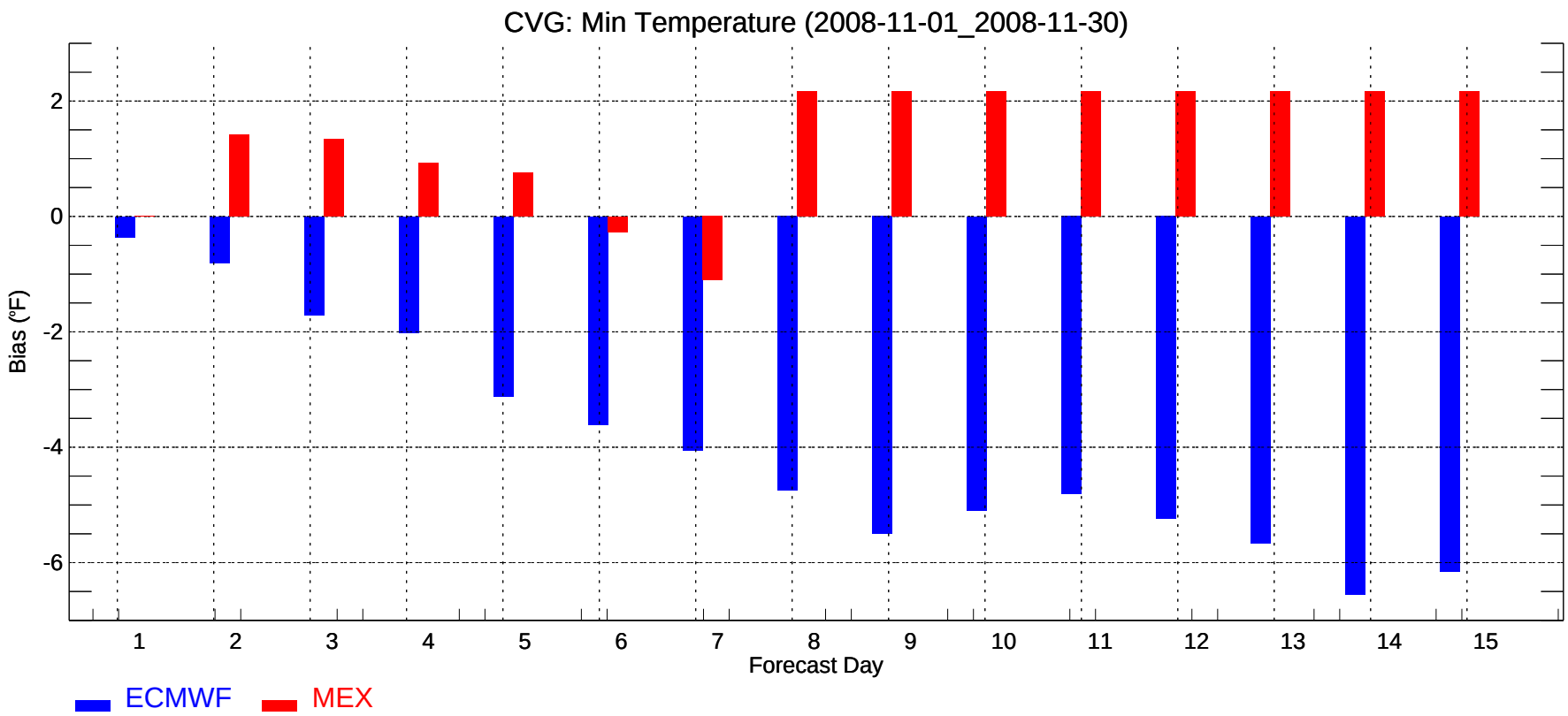
Forecast Day
ECMWF
MEX


CVG: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
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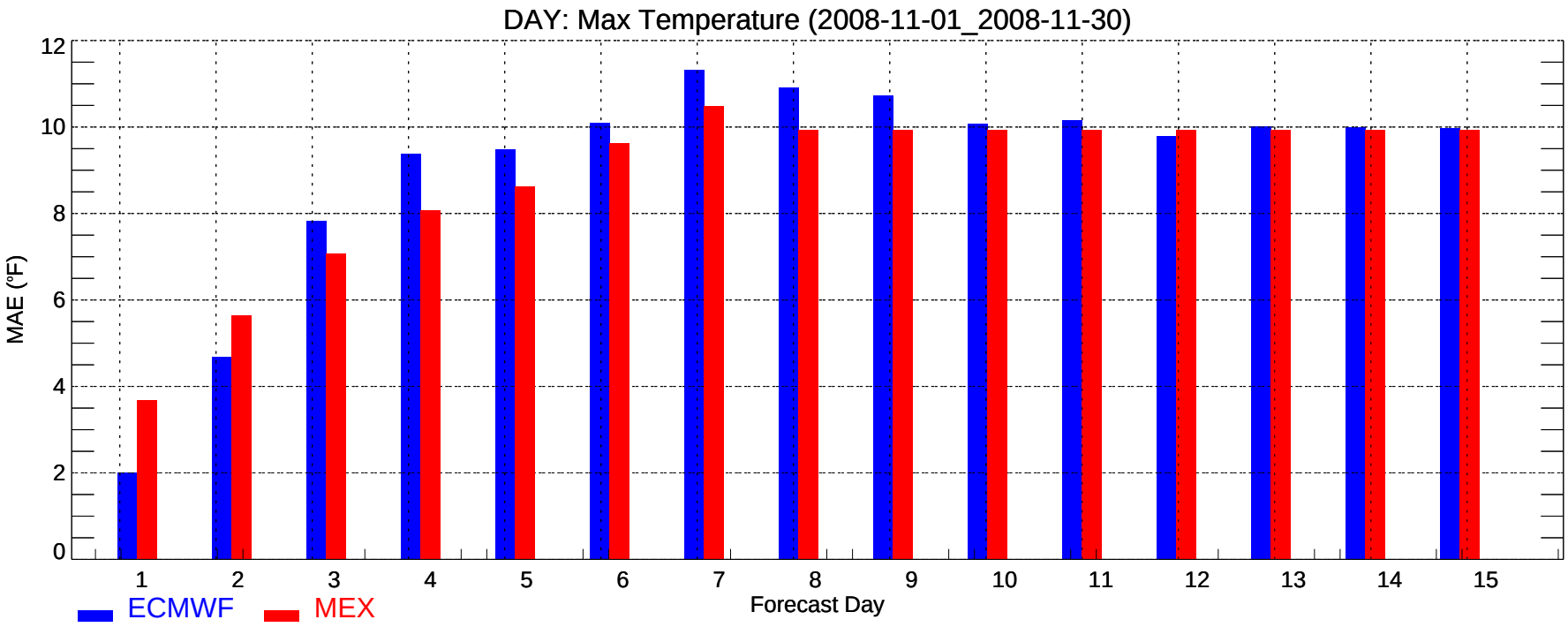
Forecast Day
ECMWF
MEX


DAY: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
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6
7
8
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12
13
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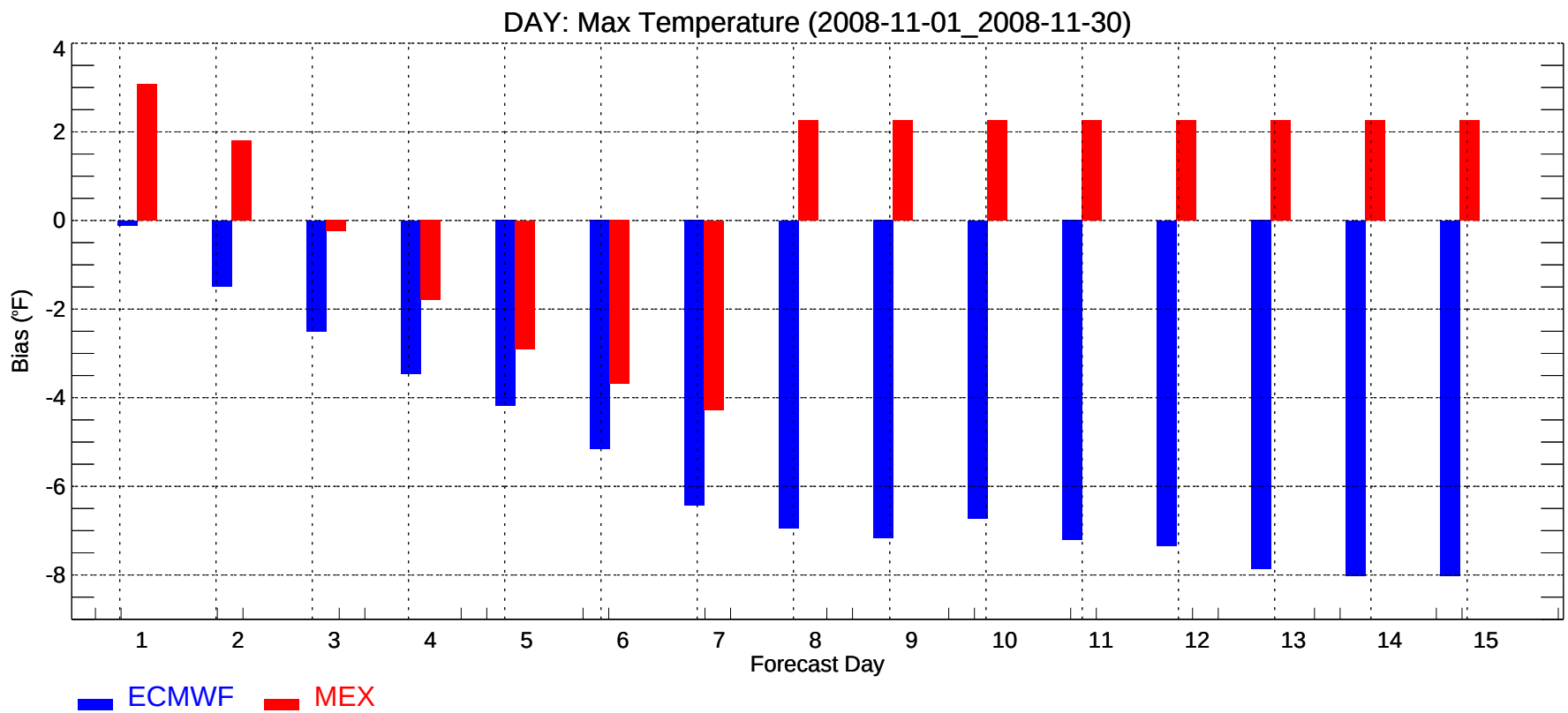
15
Forecast Day
ECMWF
MEX


DAY: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
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13
14
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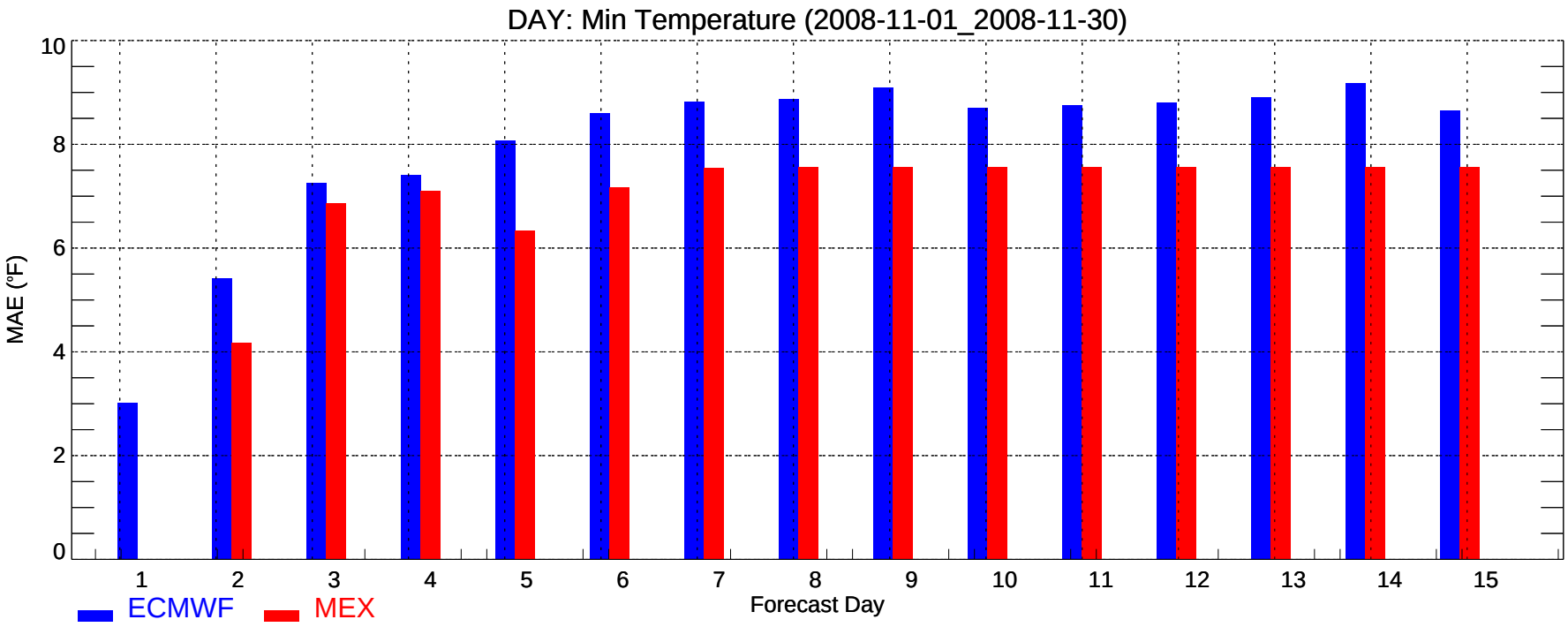
Forecast Day
ECMWF
MEX


DAY: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
10
8
6
4
2
0
1
2
3
4
5
6
7
8
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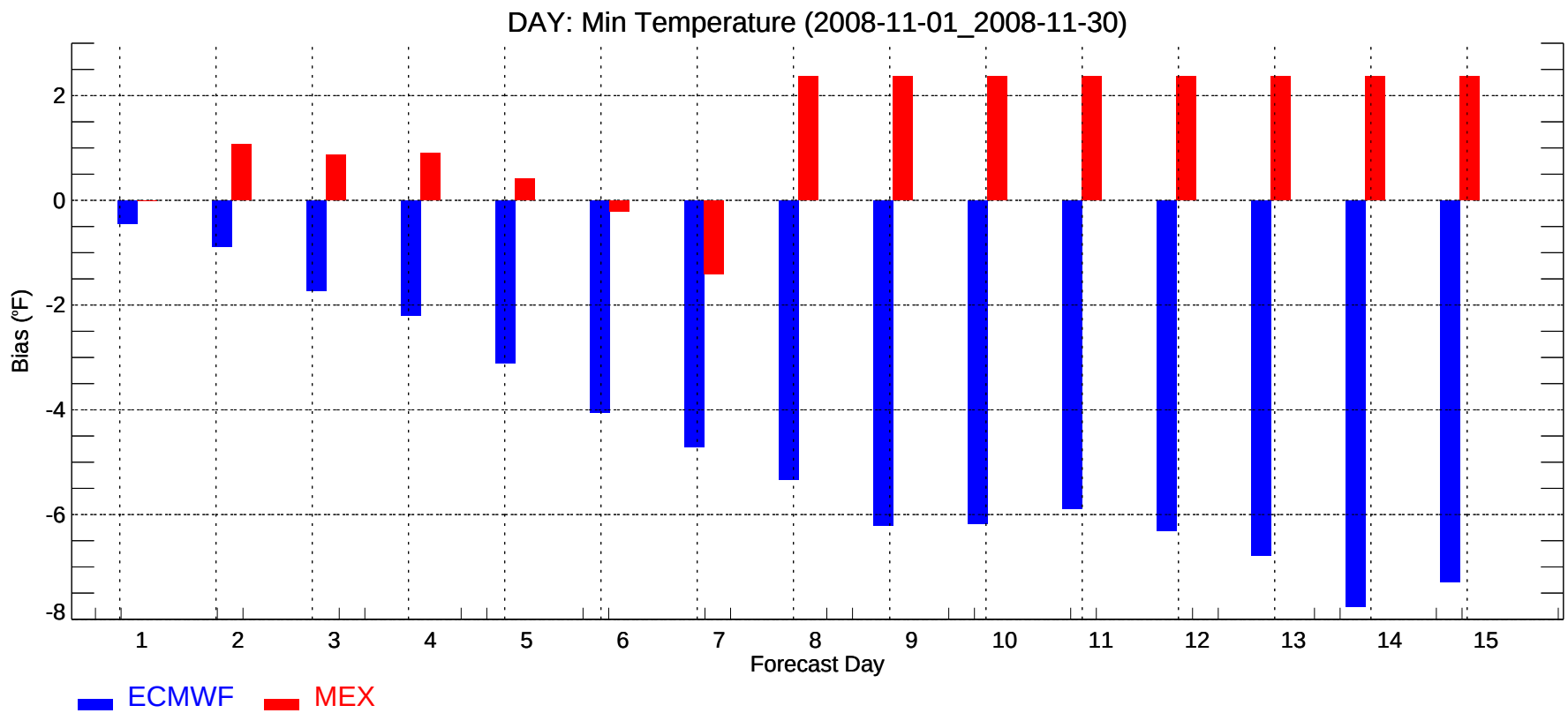
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DAY: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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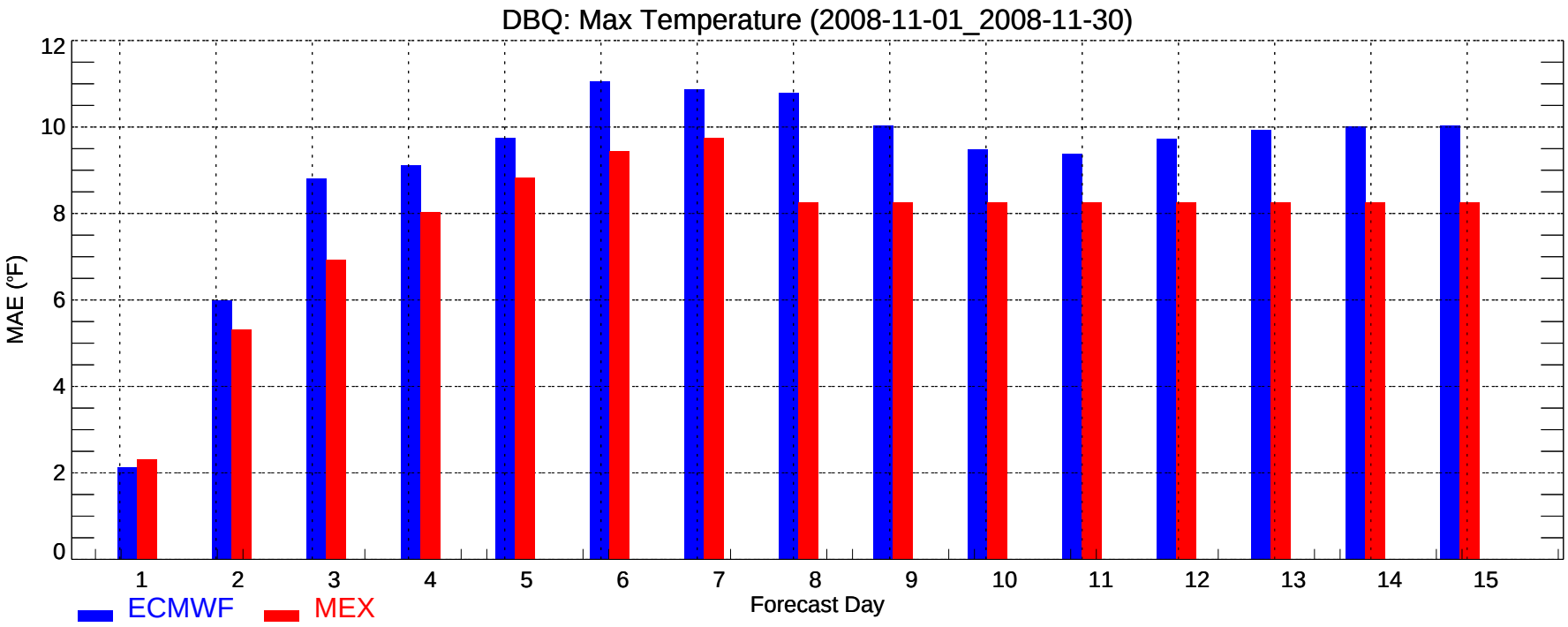
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DBQ: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
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5
6
7
8
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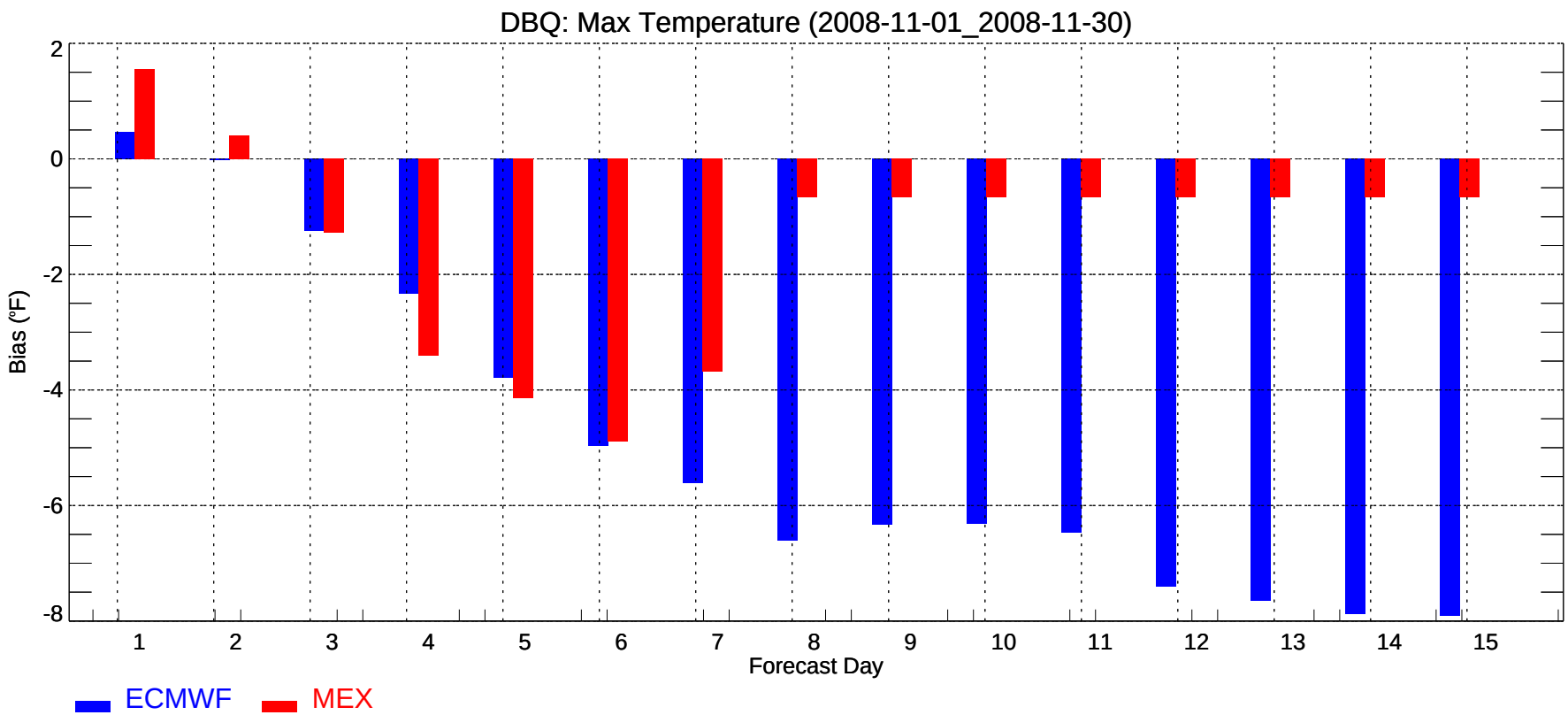
13
14
15
Forecast Day
ECMWF
MEX


DBQ: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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5
6
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8
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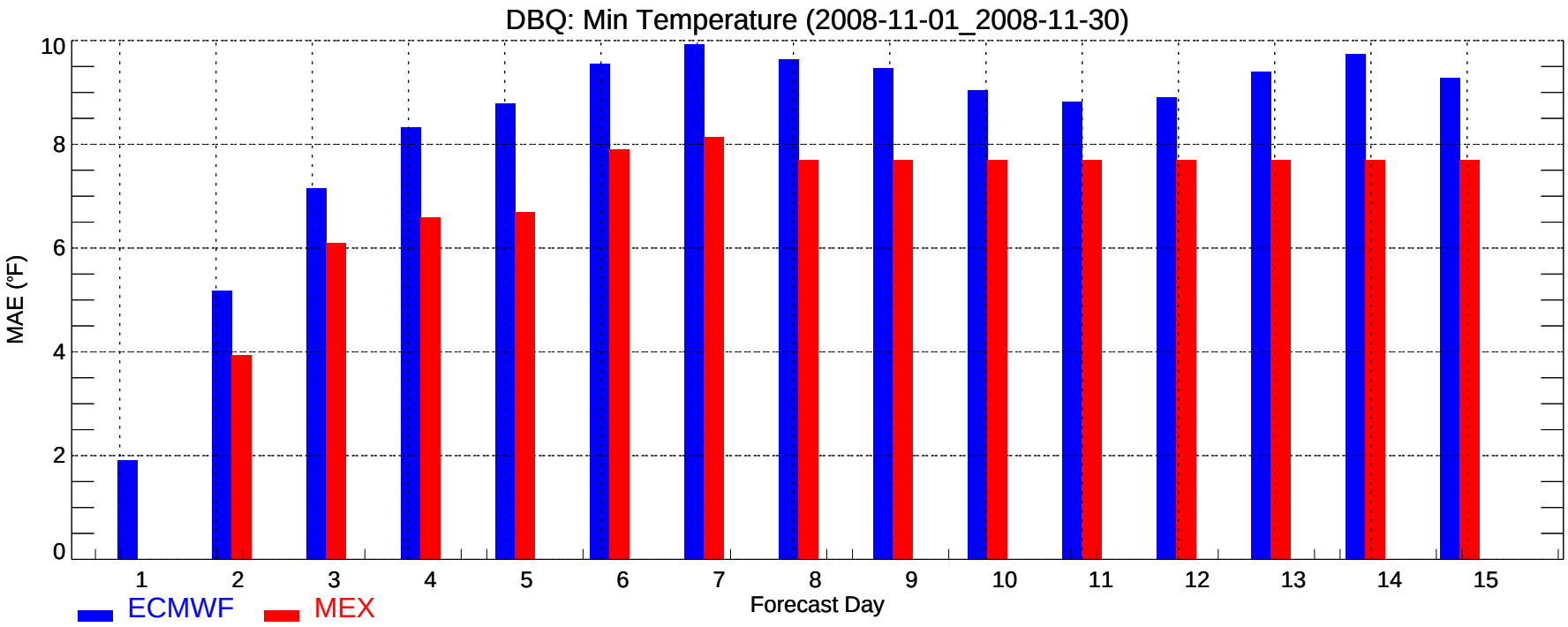
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DBQ: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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1
2
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6
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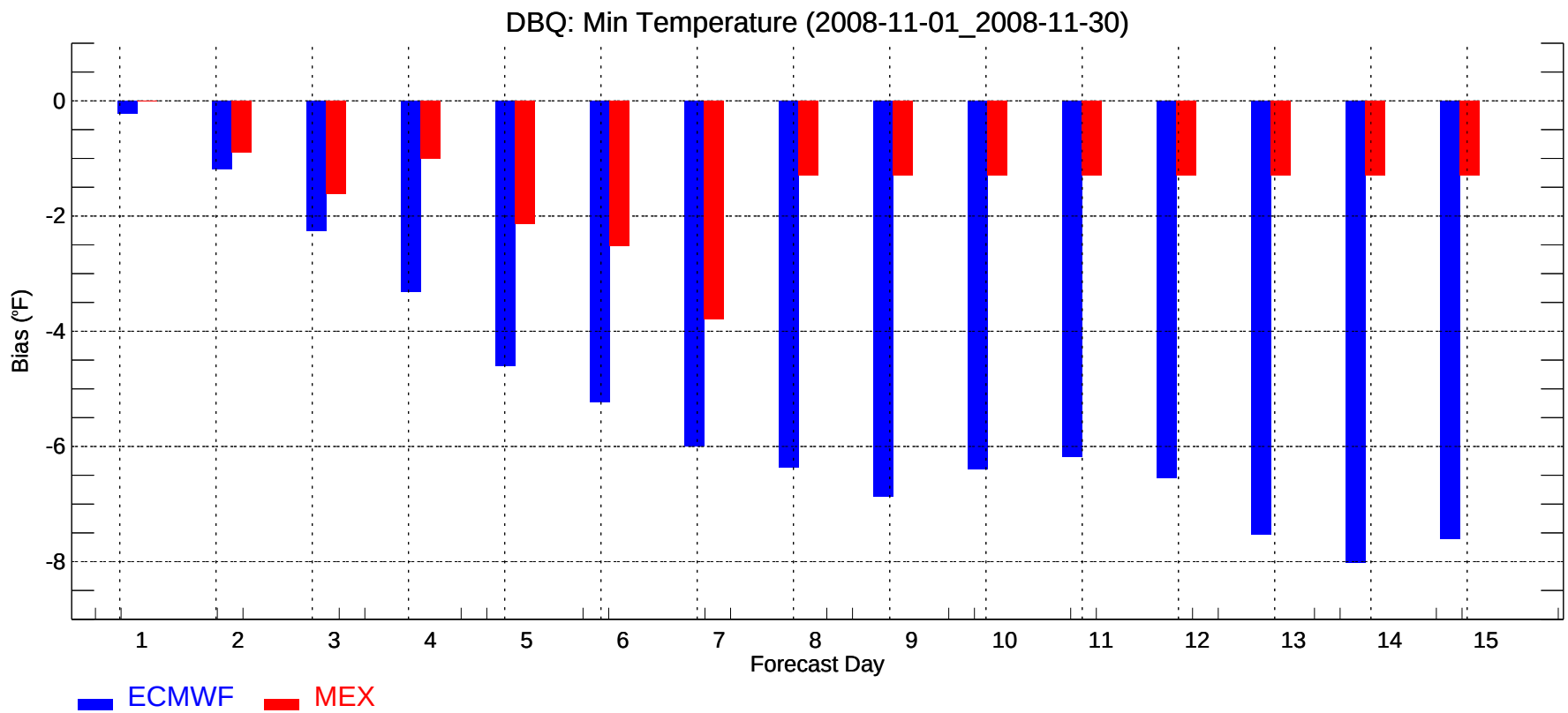
Forecast Day
ECMWF
MEX


DBQ: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
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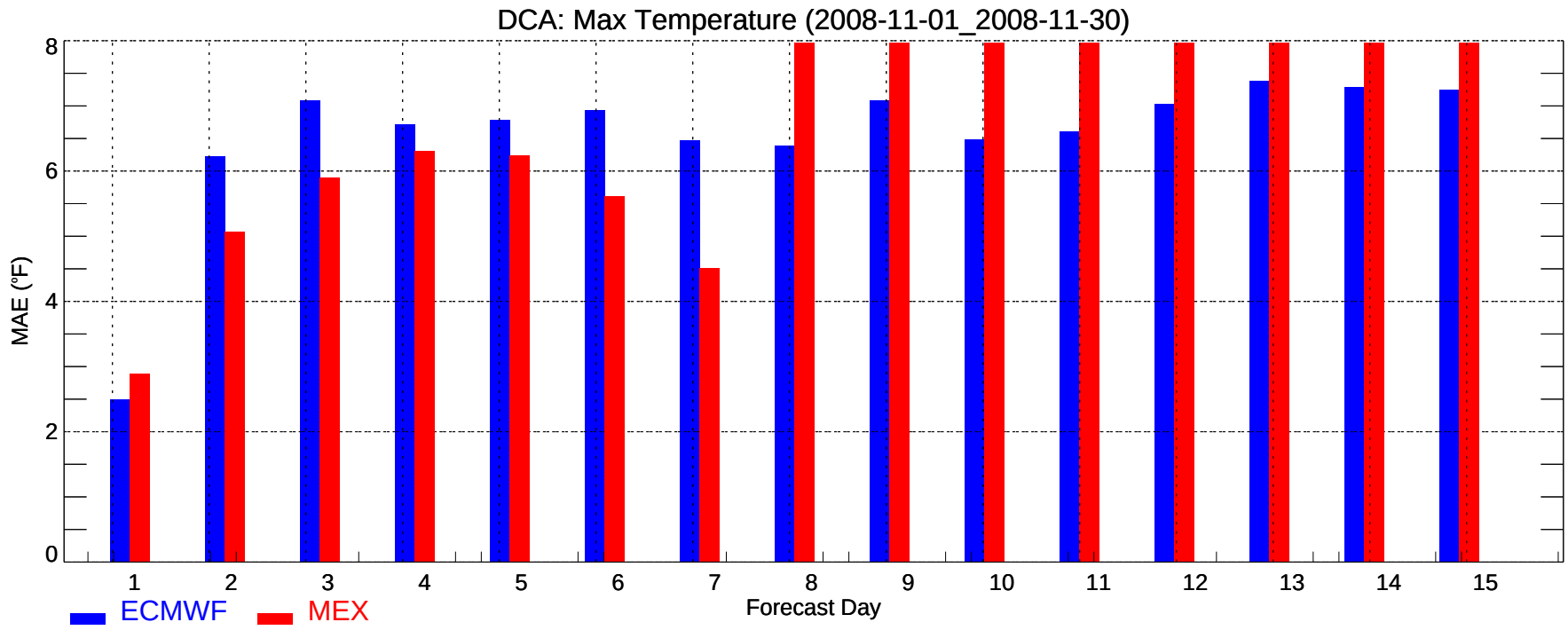
Forecast Day
ECMWF
MEX


DCA: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
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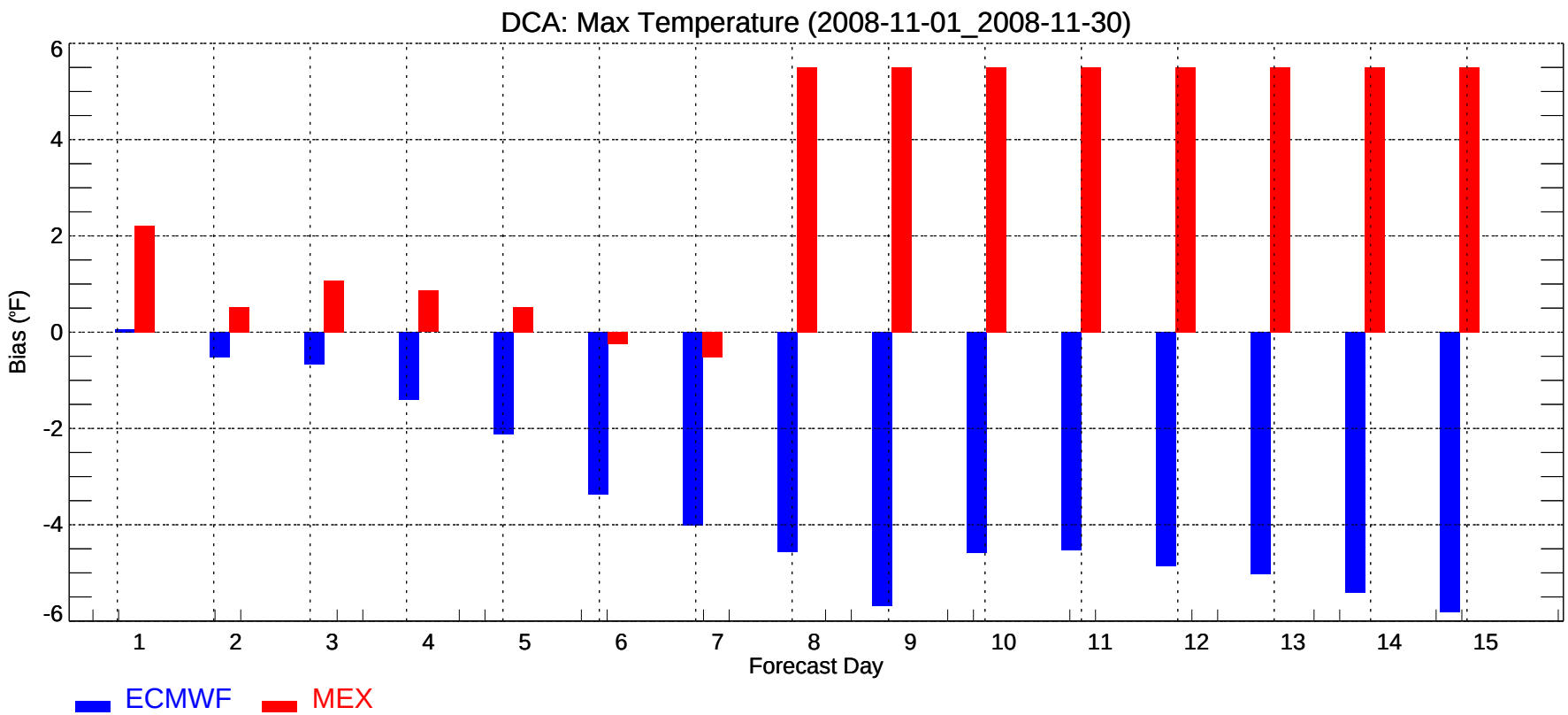
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DCA: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
6
4
2
0
-2
-4
-6
1
2
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6
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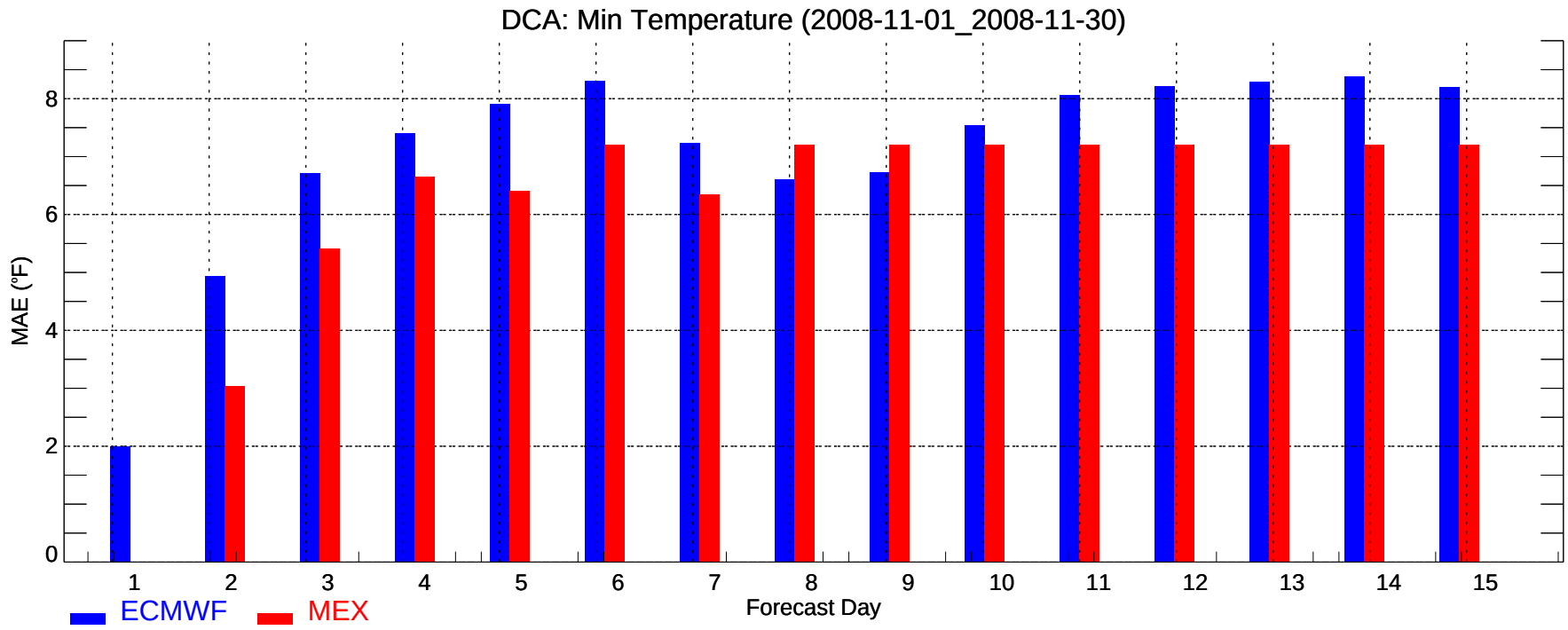
12
13
14
15
Forecast Day
ECMWF
MEX


DCA: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
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12
13
14
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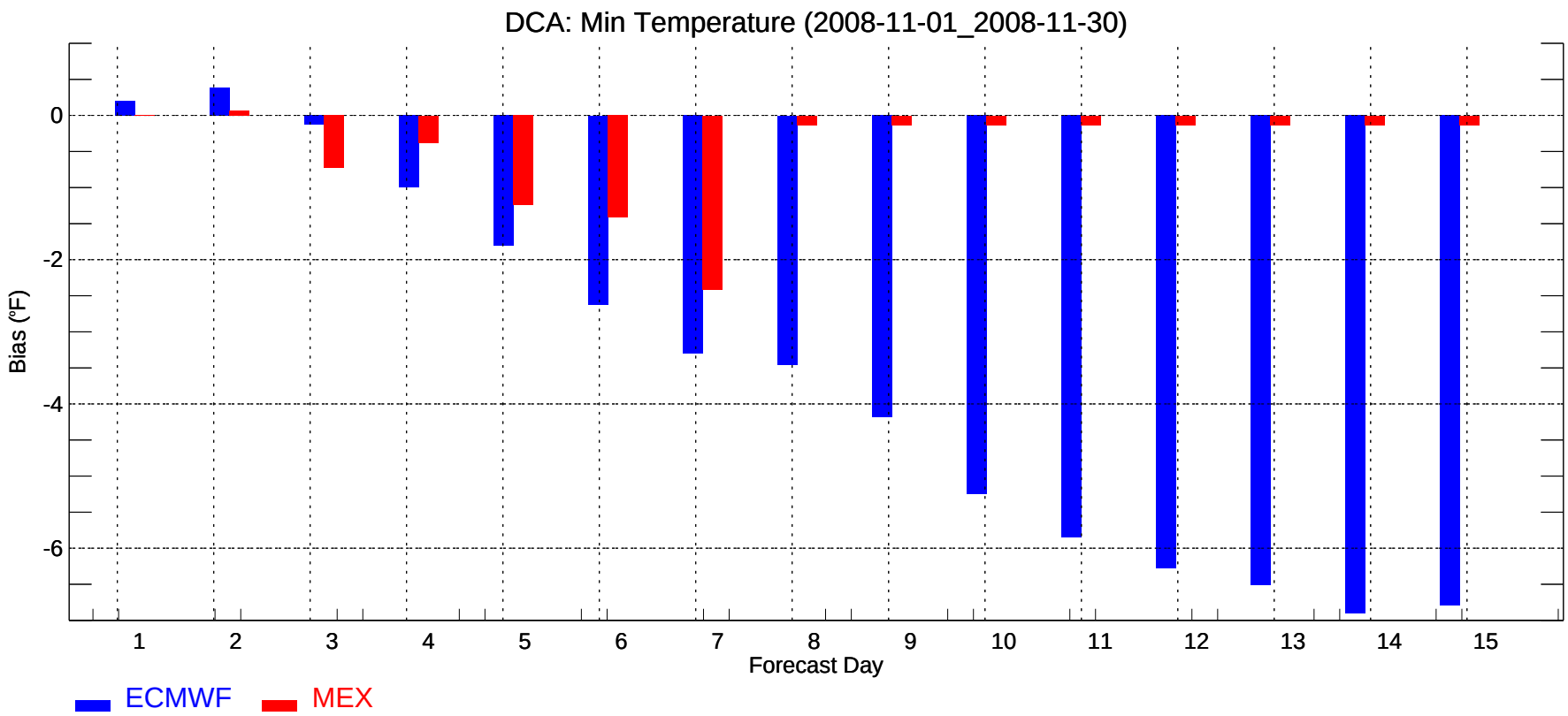
Forecast Day
ECMWF
MEX


DCA: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
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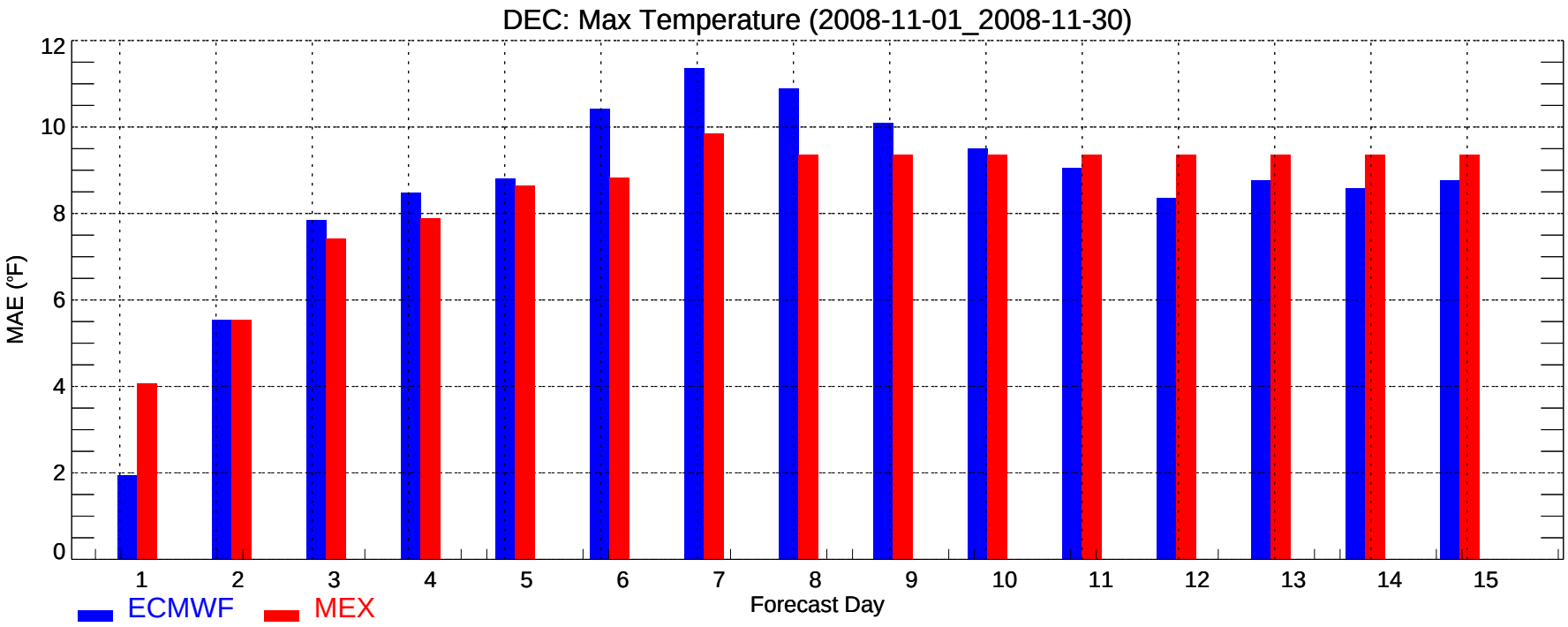
14
15
Forecast Day
ECMWF
MEX


DEC: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
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5
6
7
8
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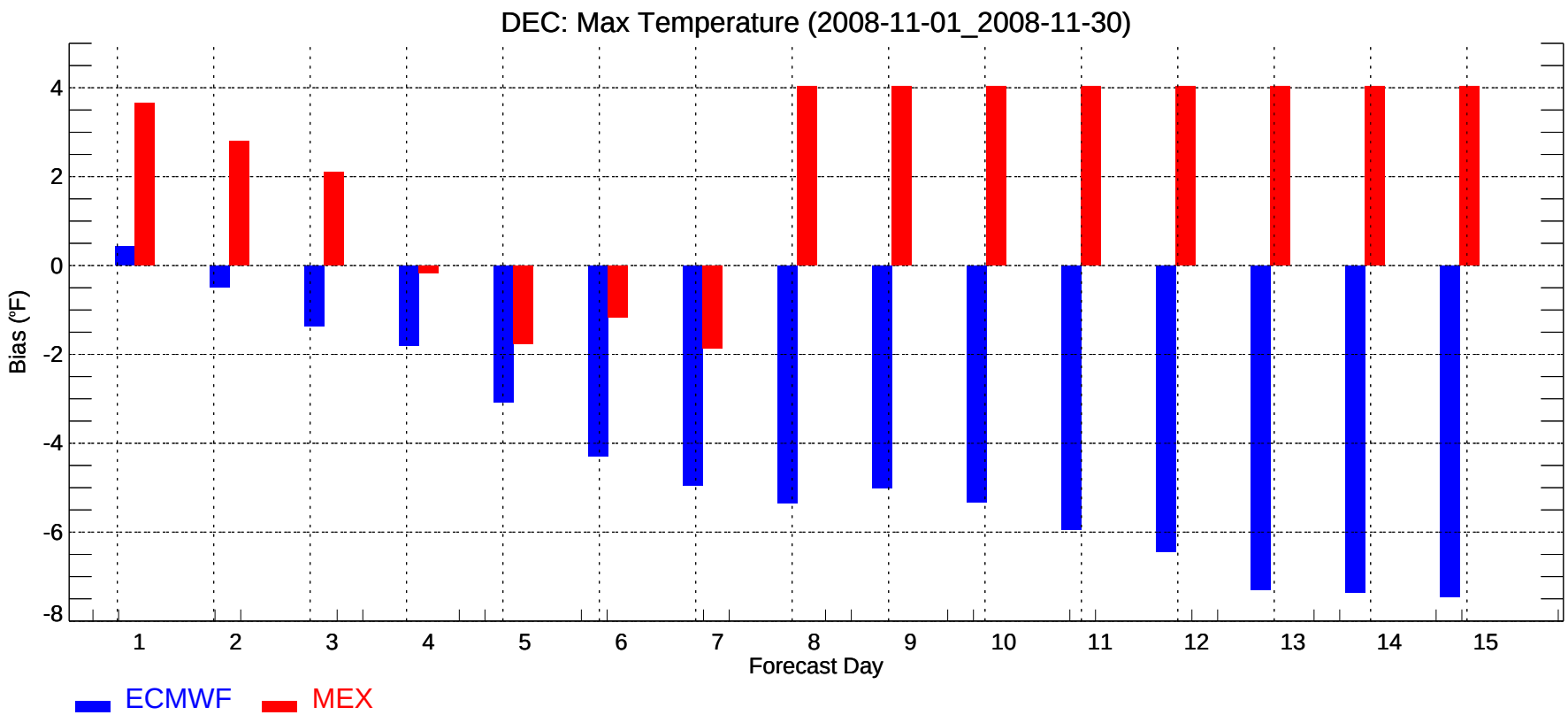
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


DEC: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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10
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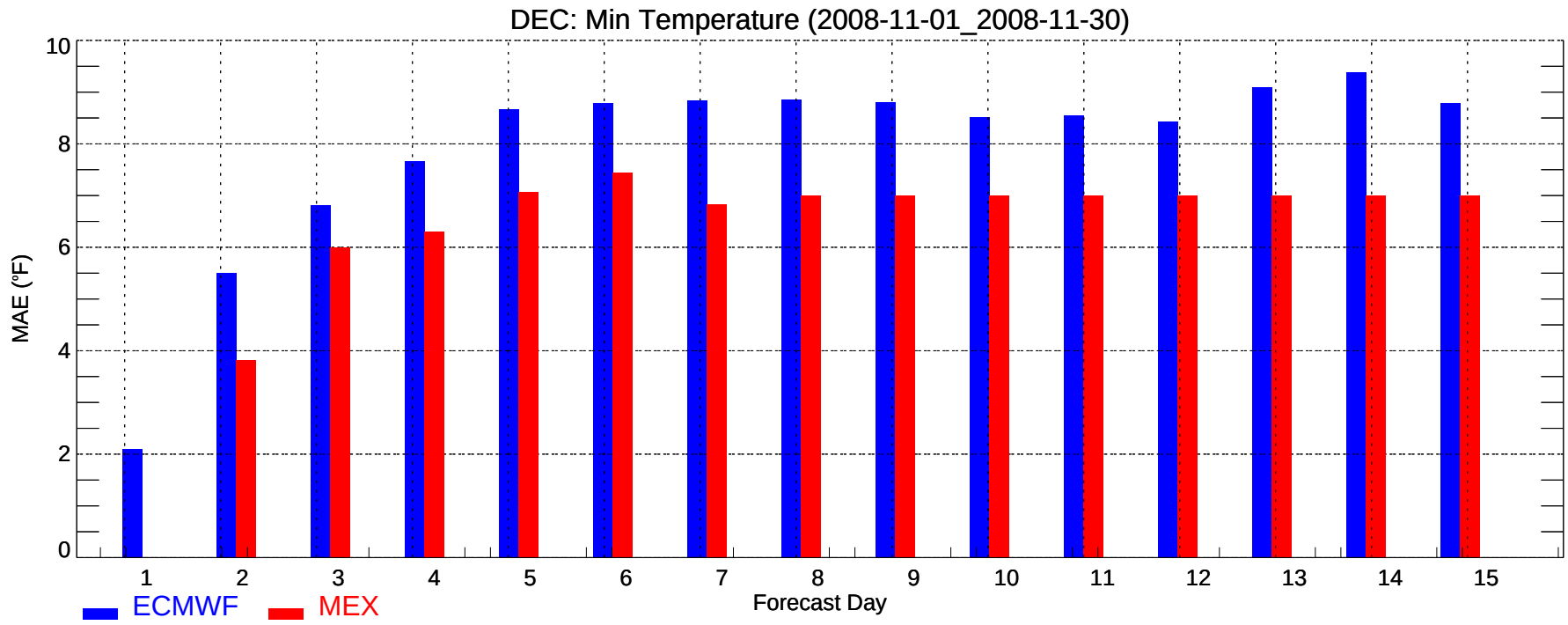
13
14
15
Forecast Day
ECMWF
MEX


DEC: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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2
4
6
8
10
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
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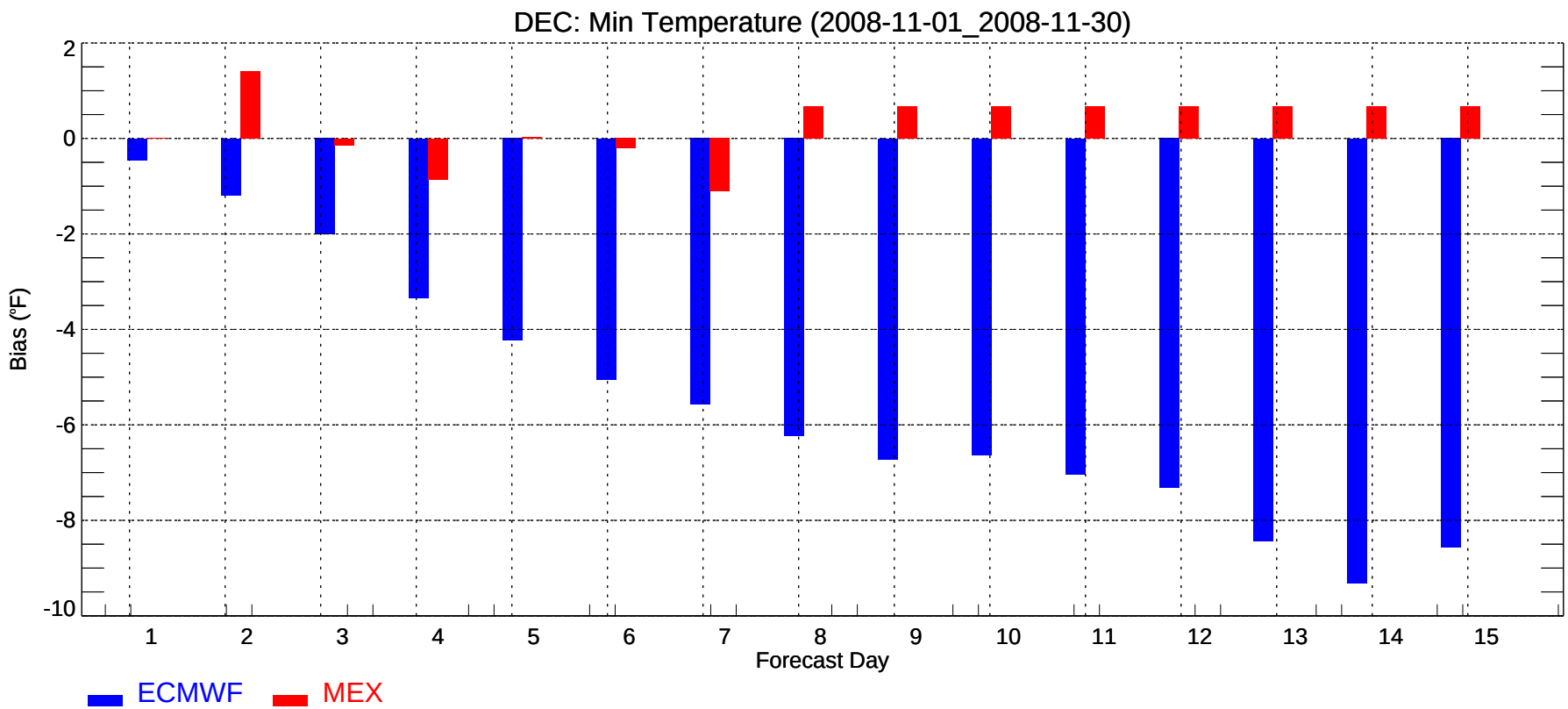
Forecast Day
ECMWF
MEX


DEC: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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0
-2
-4
-6
-8
-10
1
2
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4
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6
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13
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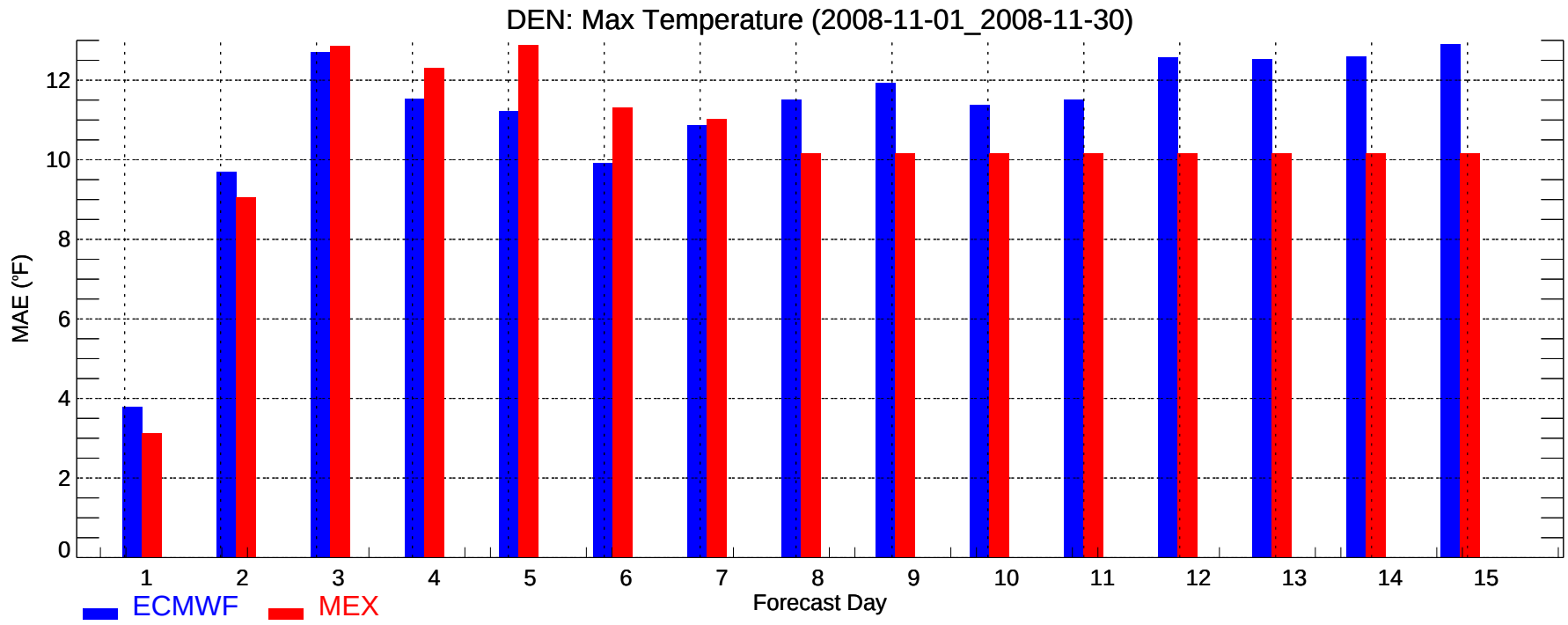
Forecast Day
ECMWF
MEX


DEN: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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2
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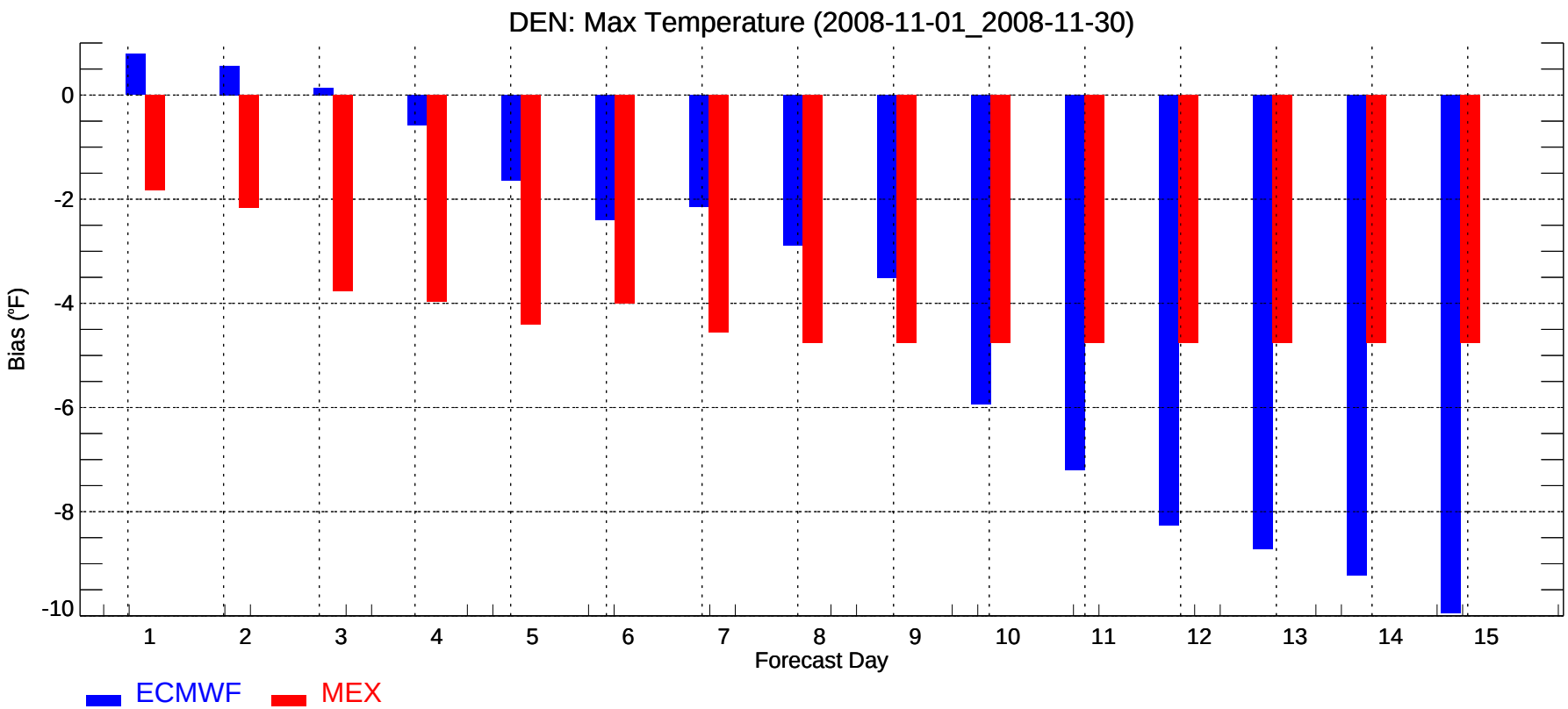
Forecast Day
ECMWF
MEX


DEN: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
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1
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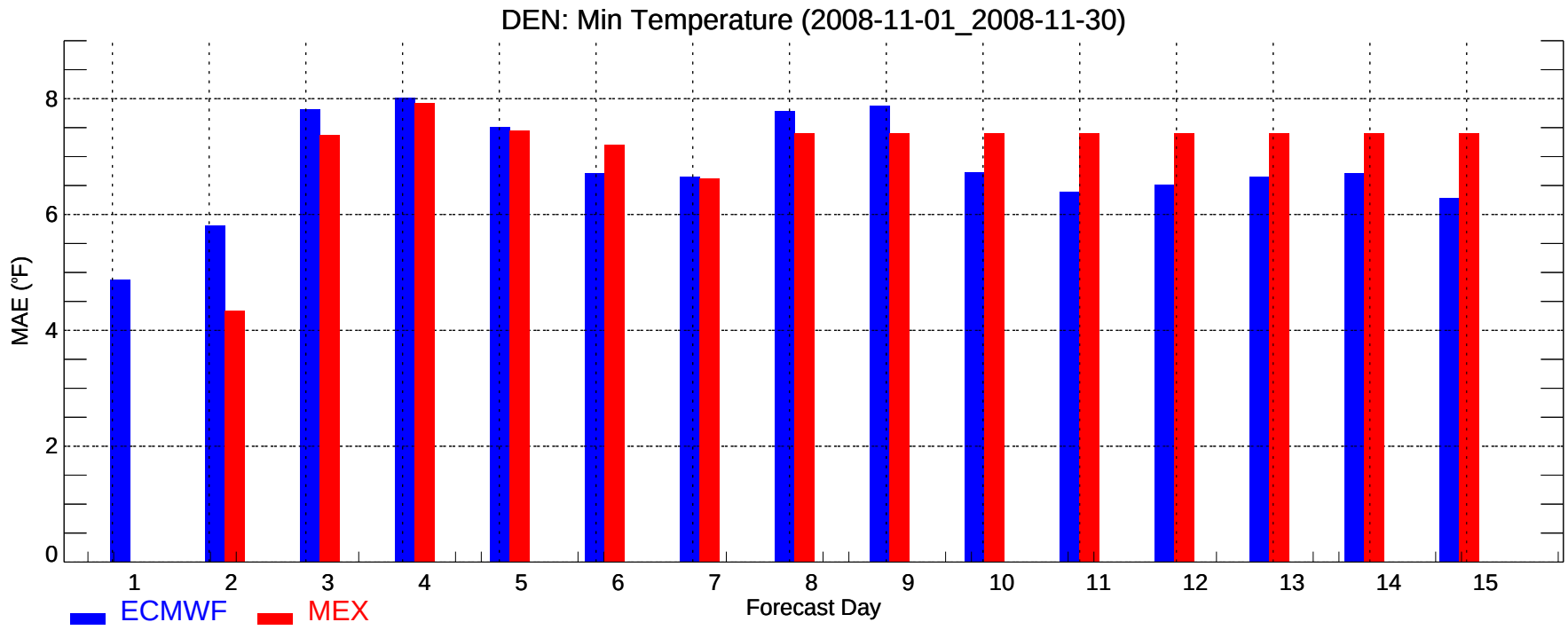
Forecast Day
ECMWF
MEX


DEN: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
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8
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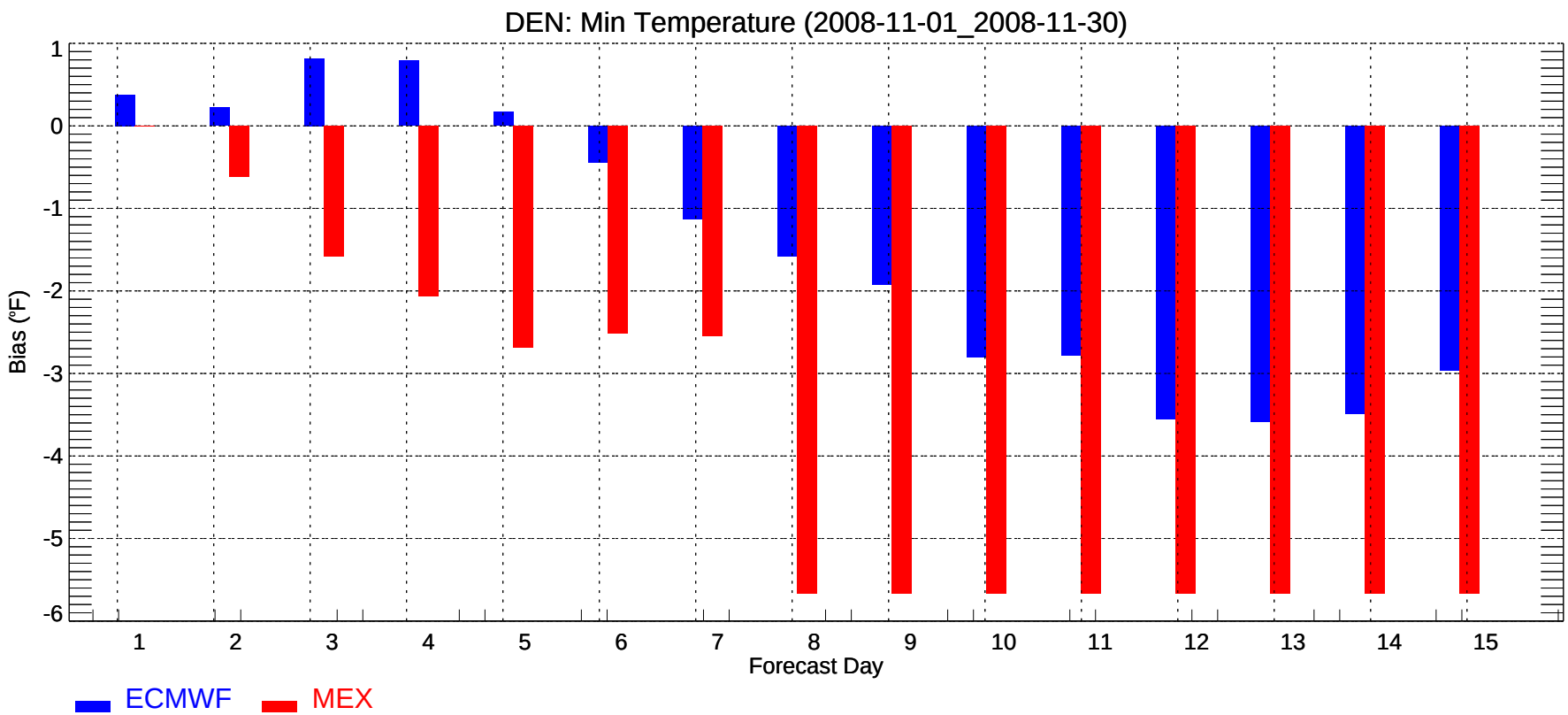
Forecast Day
ECMWF
MEX


DEN: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
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6
7
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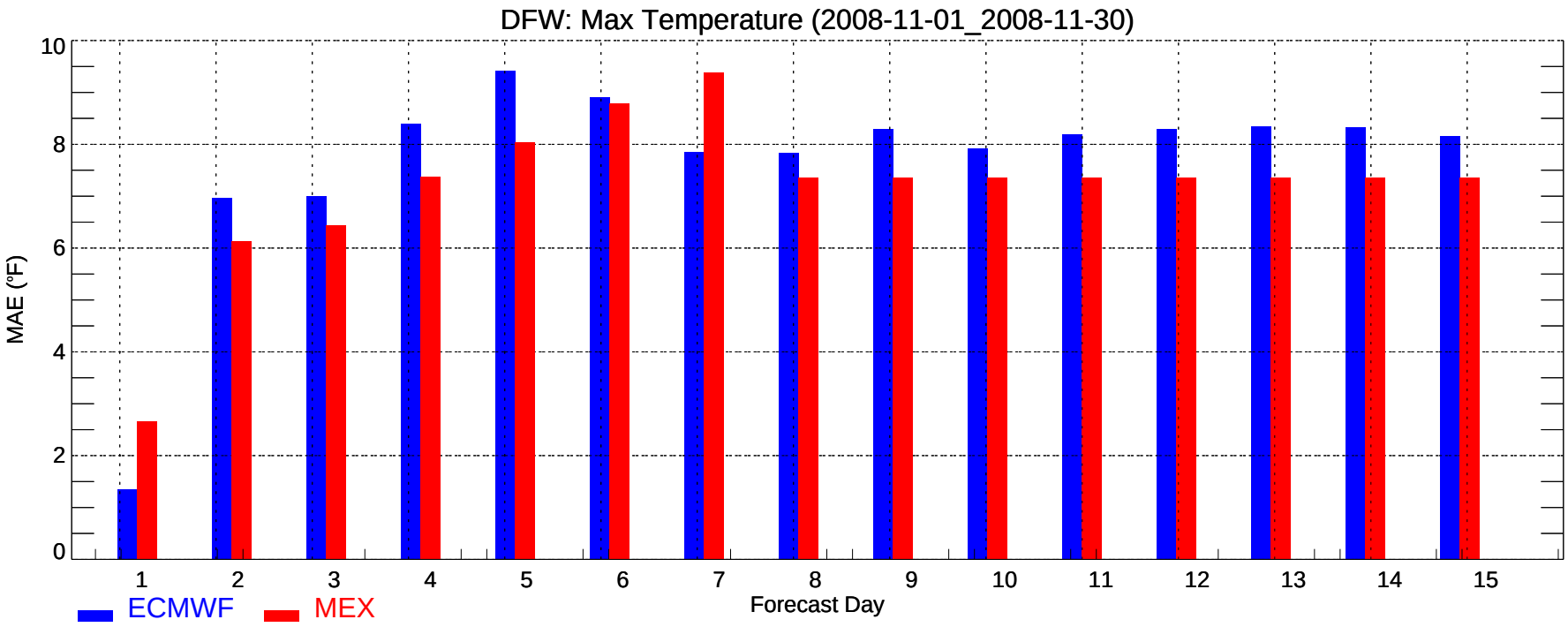
Forecast Day
ECMWF
MEX


DFW: Max Temperature (2008-11-01_2008-11-30)
MAE (°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
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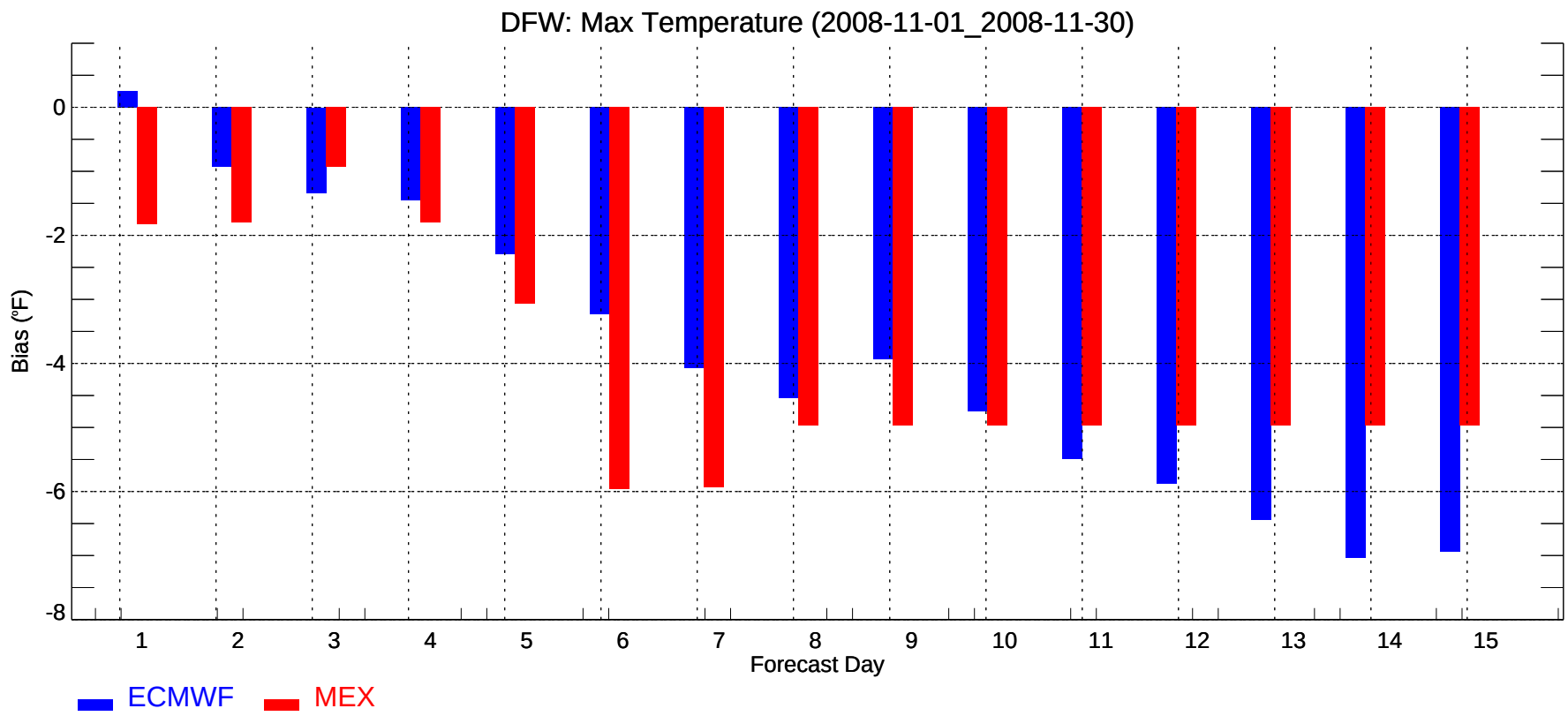
14
15
Forecast Day
ECMWF
MEX


DFW: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
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-8
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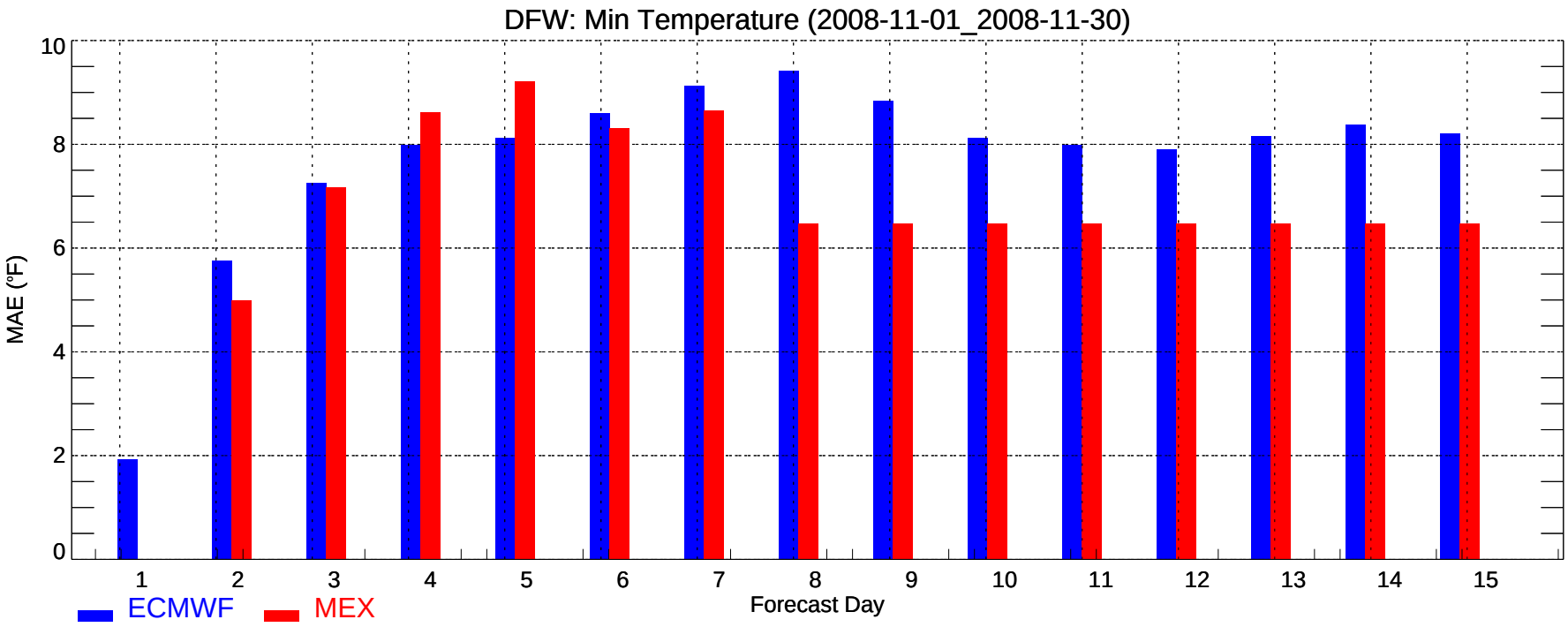
Forecast Day
ECMWF
MEX


DFW: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
10
8
6
4
2
0
1
2
3
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6
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11
12
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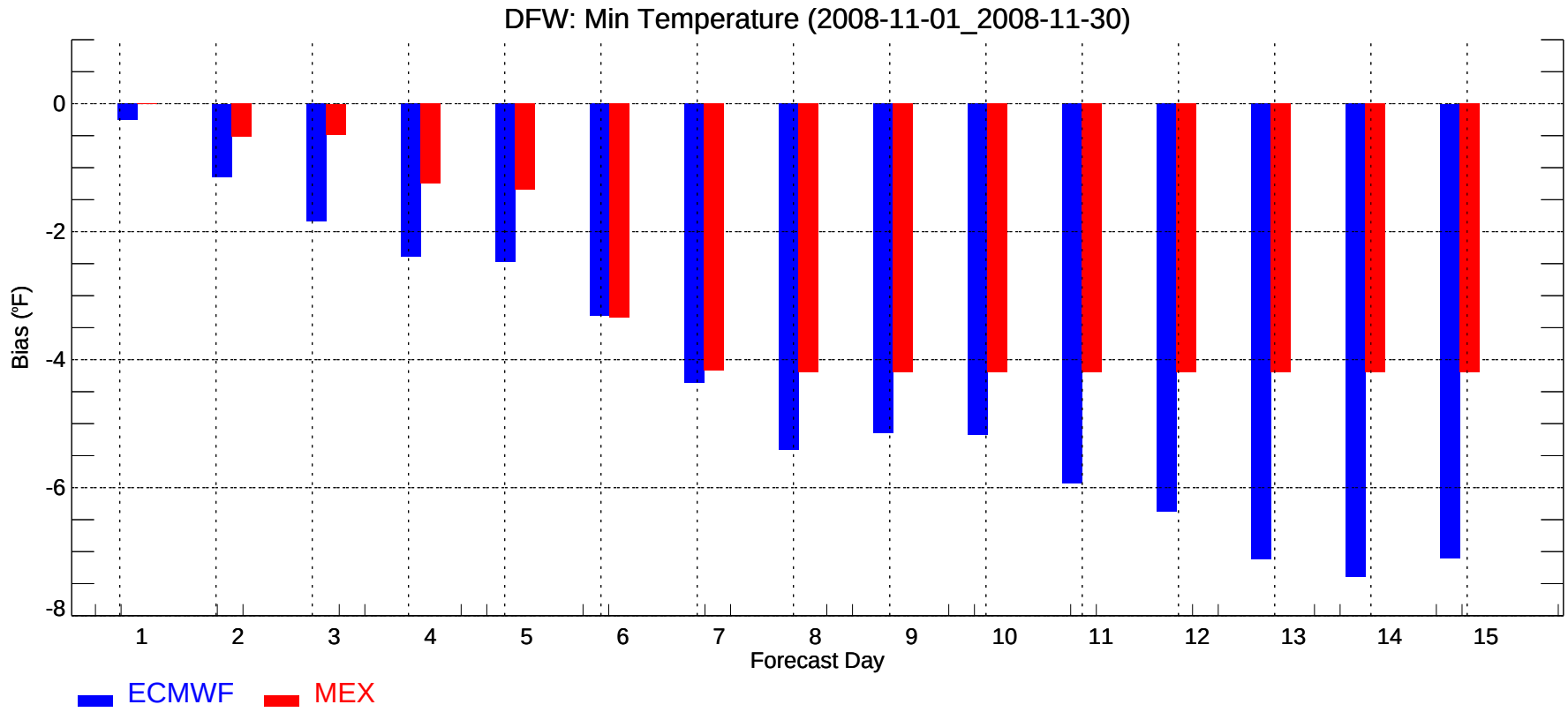
14
15
Forecast Day
ECMWF
MEX


DFW: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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-2
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-8
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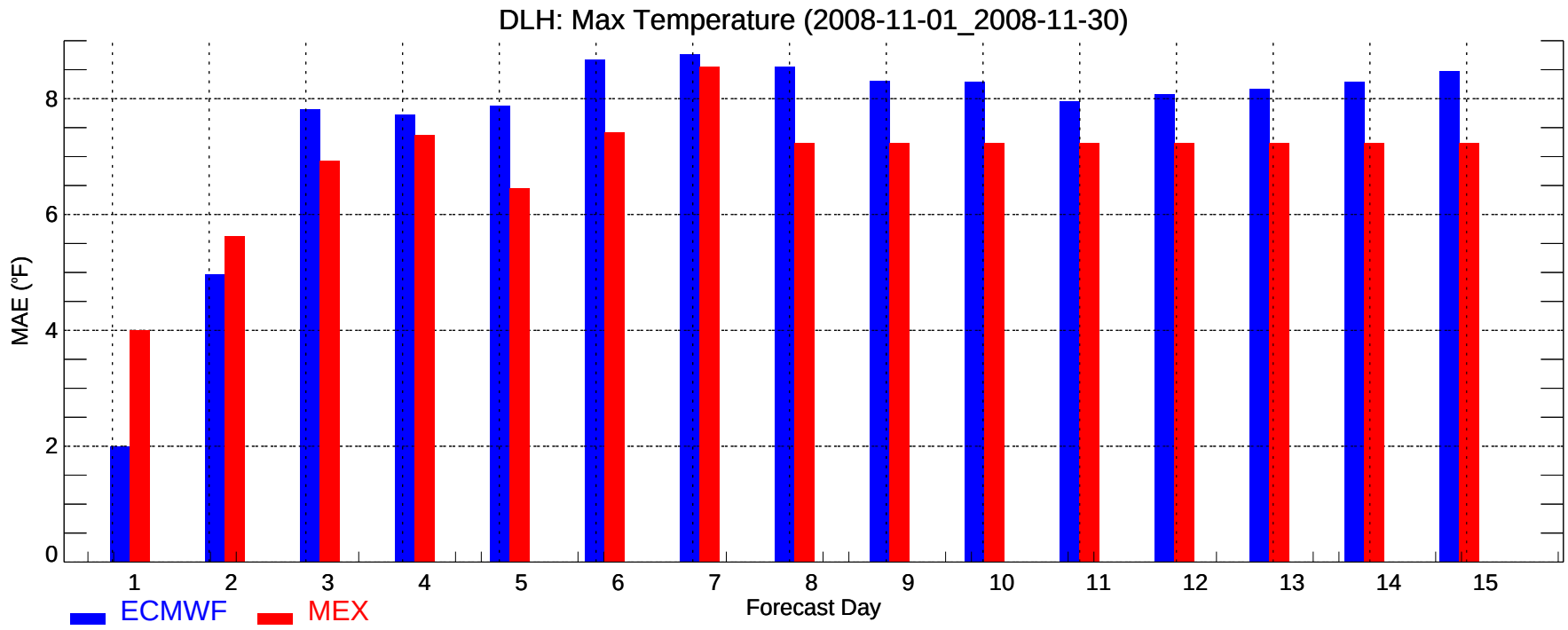
Forecast Day
ECMWF
MEX


DLH: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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8
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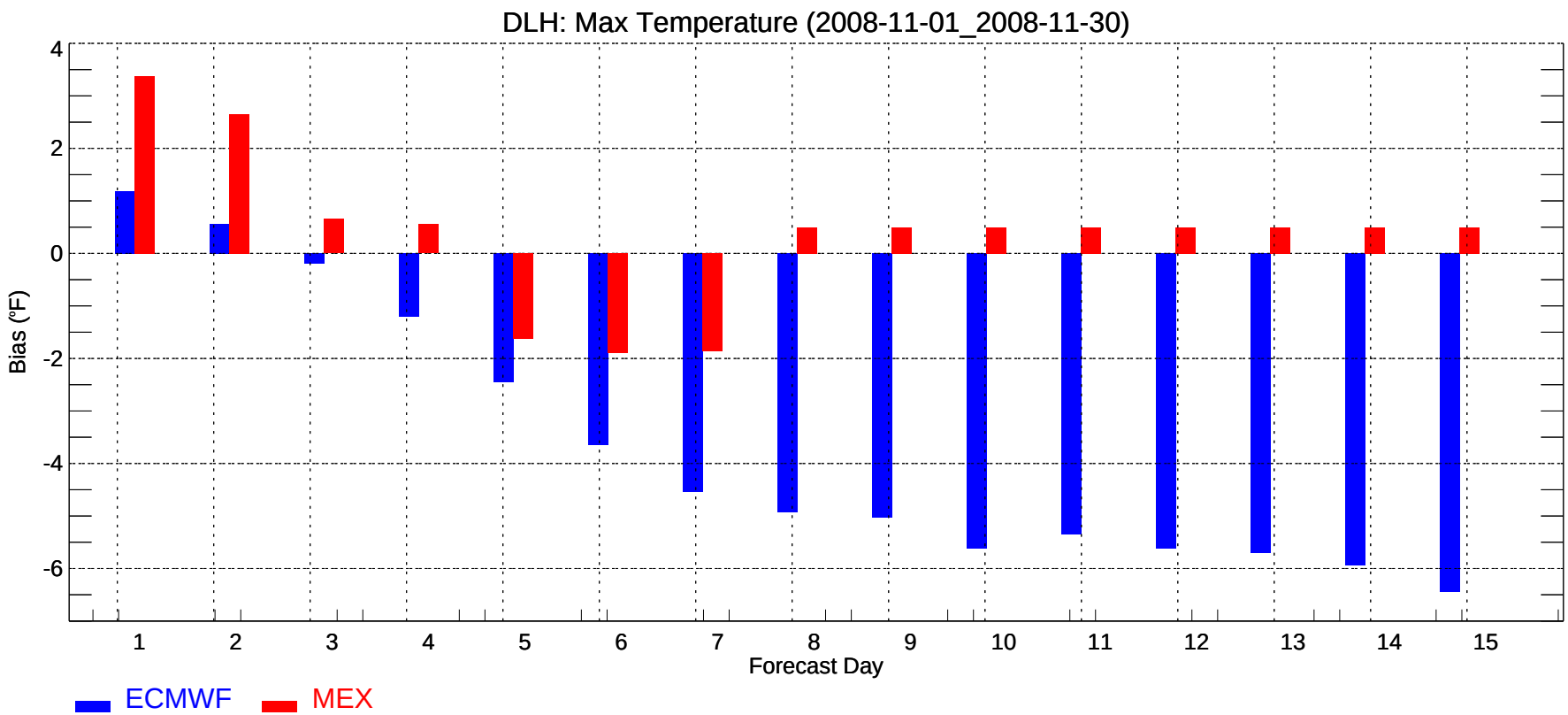
11
12
13
14
15
Forecast Day
ECMWF
MEX


DLH: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
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14
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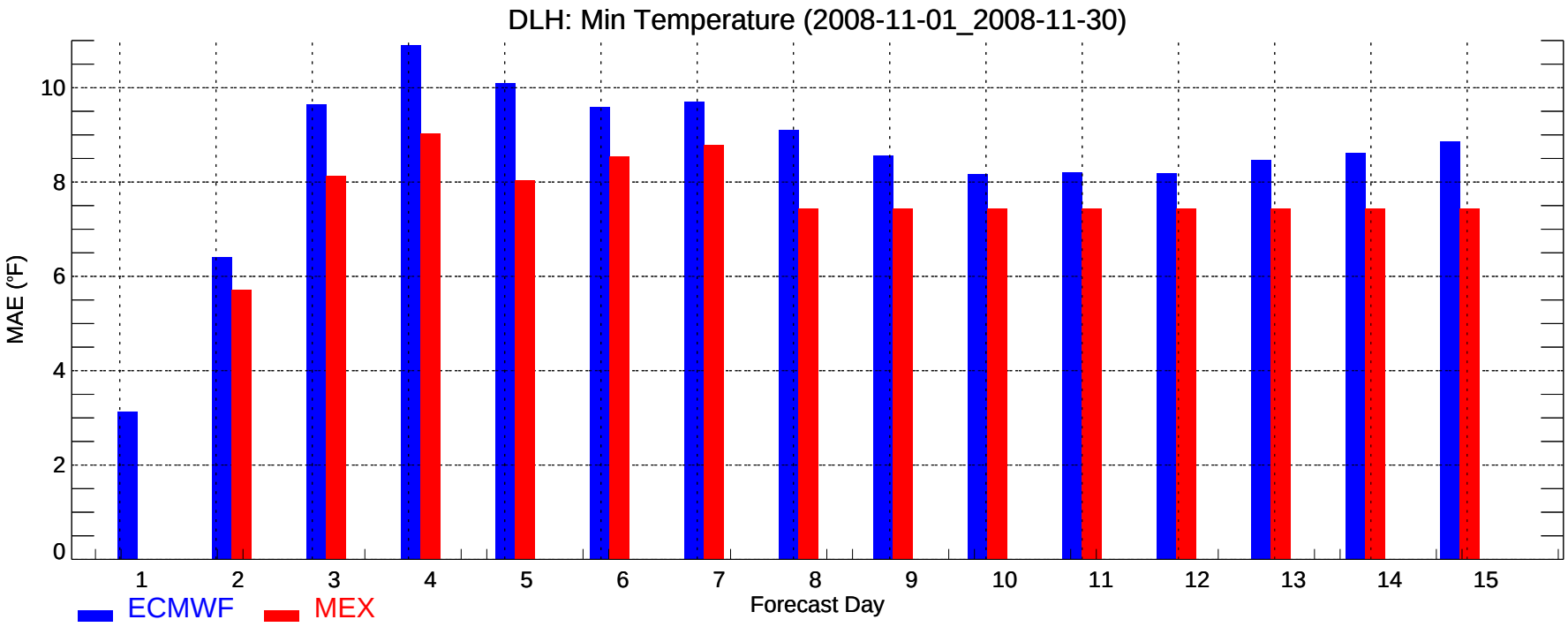
Forecast Day
ECMWF
MEX


DLH: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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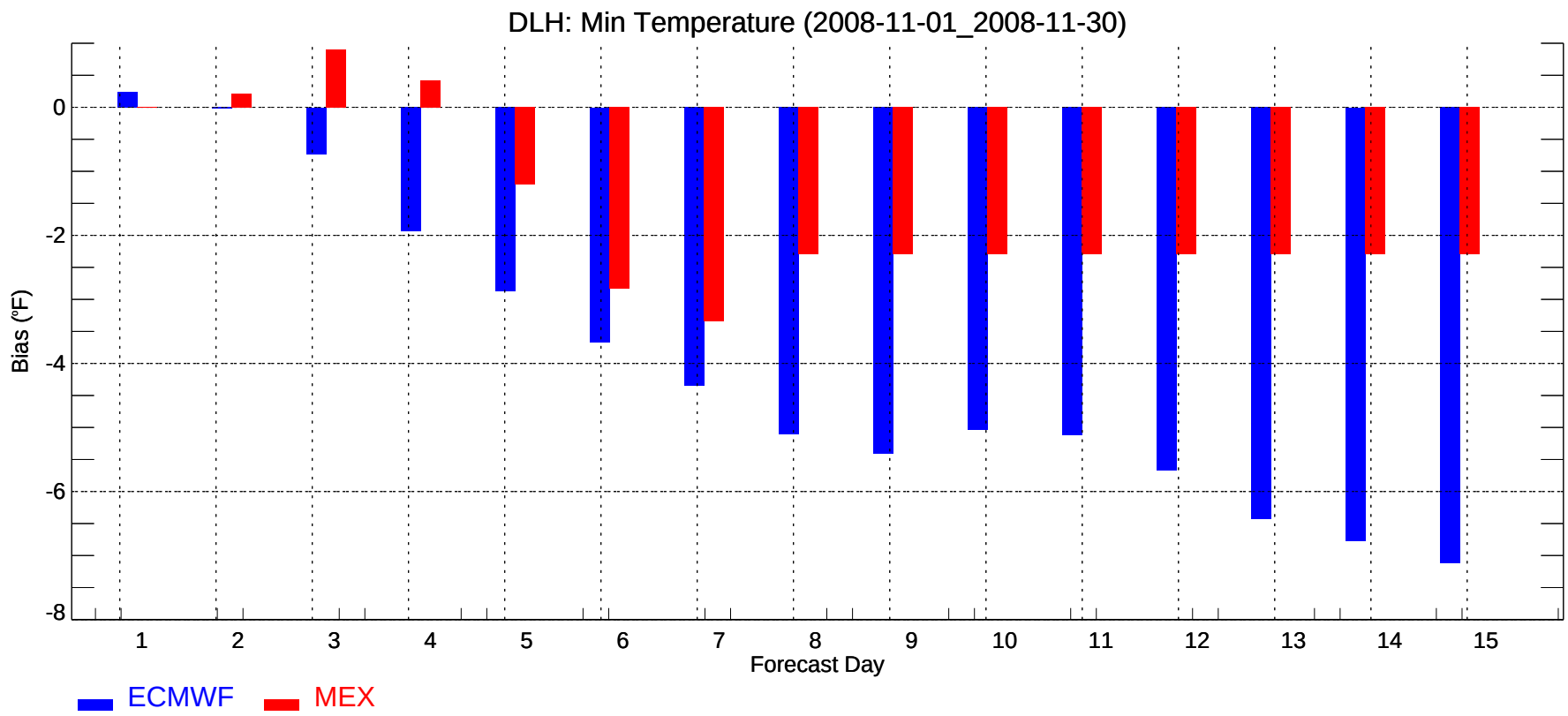
Forecast Day
ECMWF
MEX


DLH: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
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-6
-8
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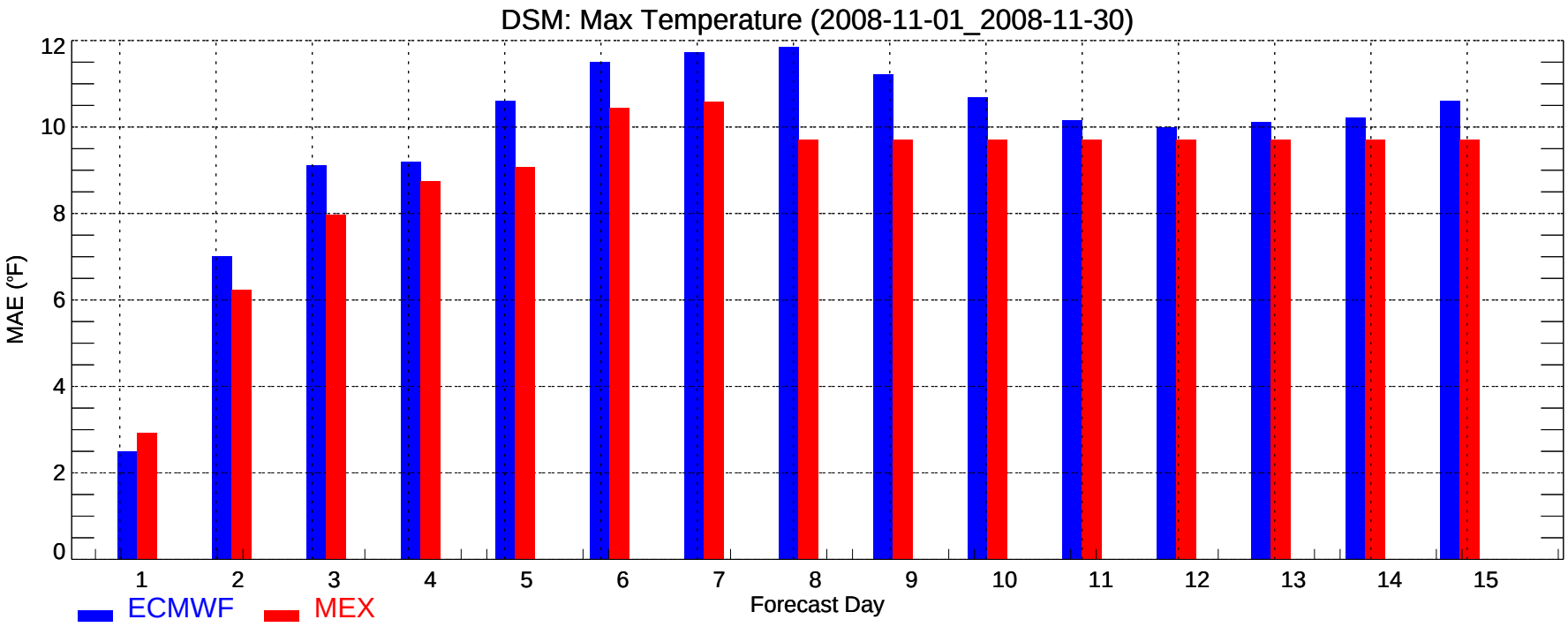
Forecast Day
ECMWF
MEX


DSM: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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1
2
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13
14
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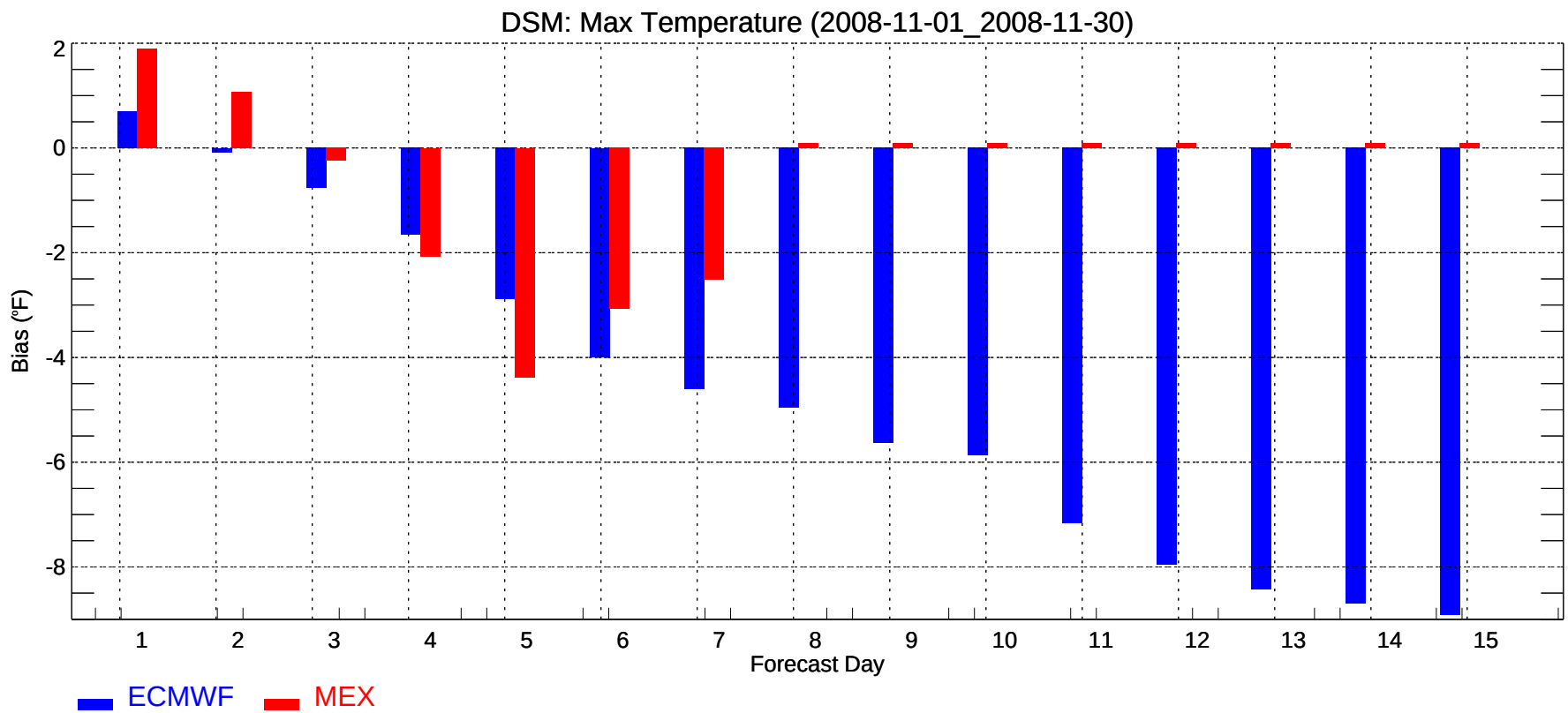
Forecast Day
ECMWF
MEX


DSM: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
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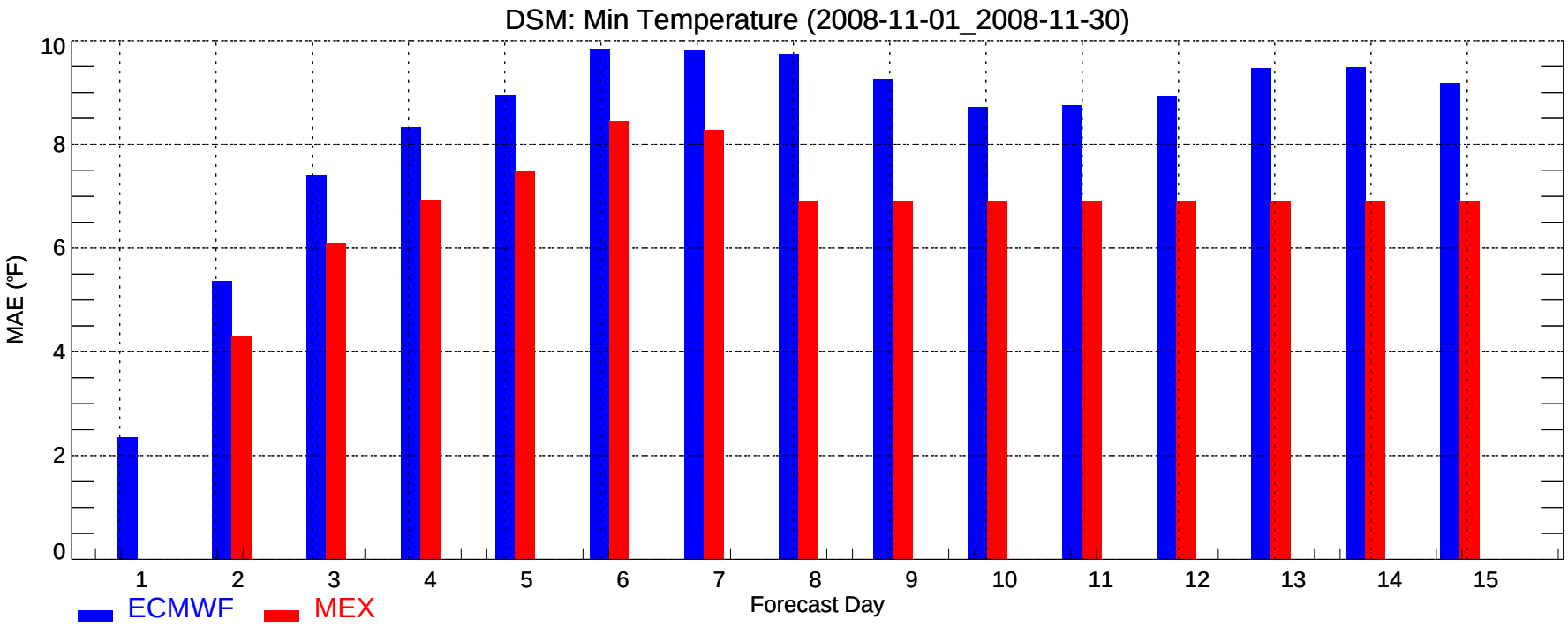
Forecast Day
ECMWF
MEX


DSM: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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Forecast Day
ECMWF
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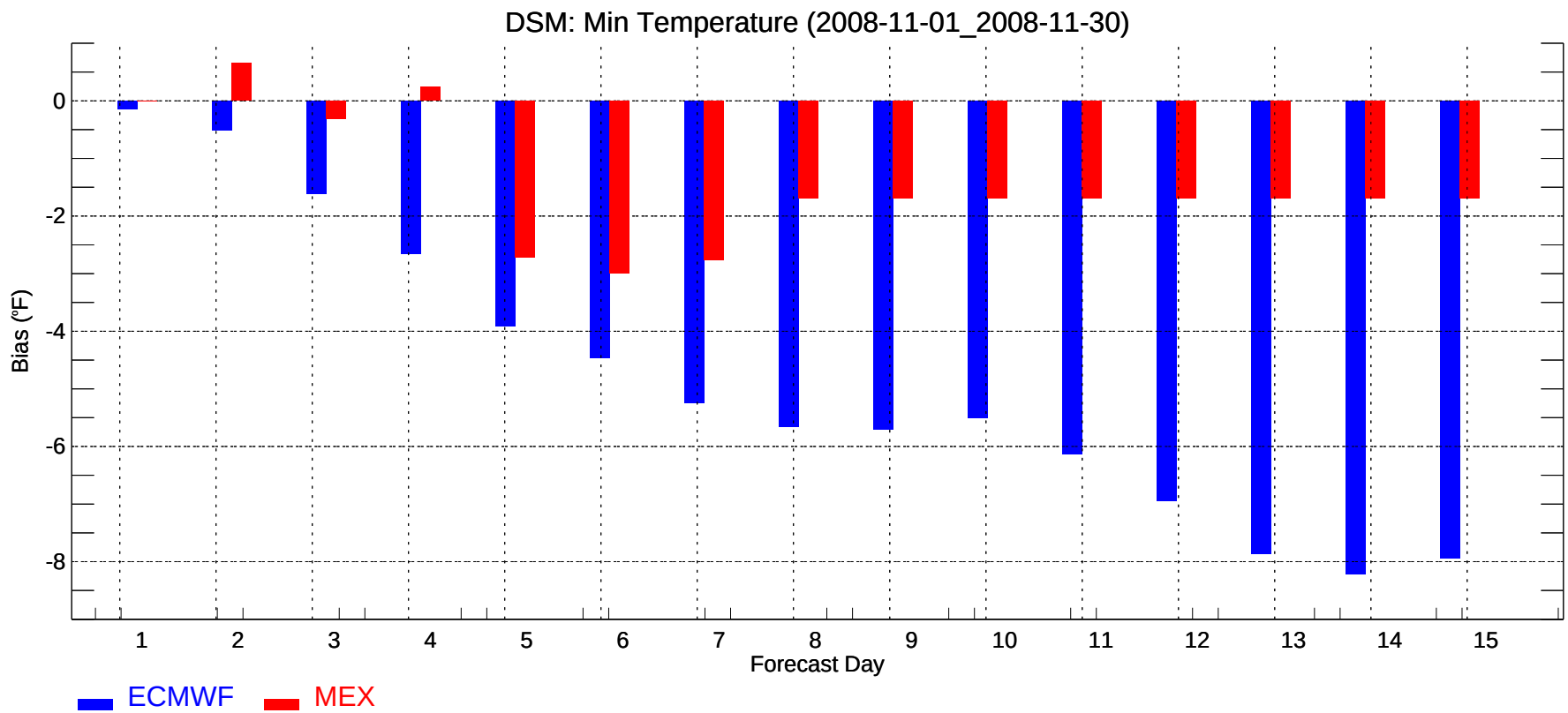
DSM: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
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-6
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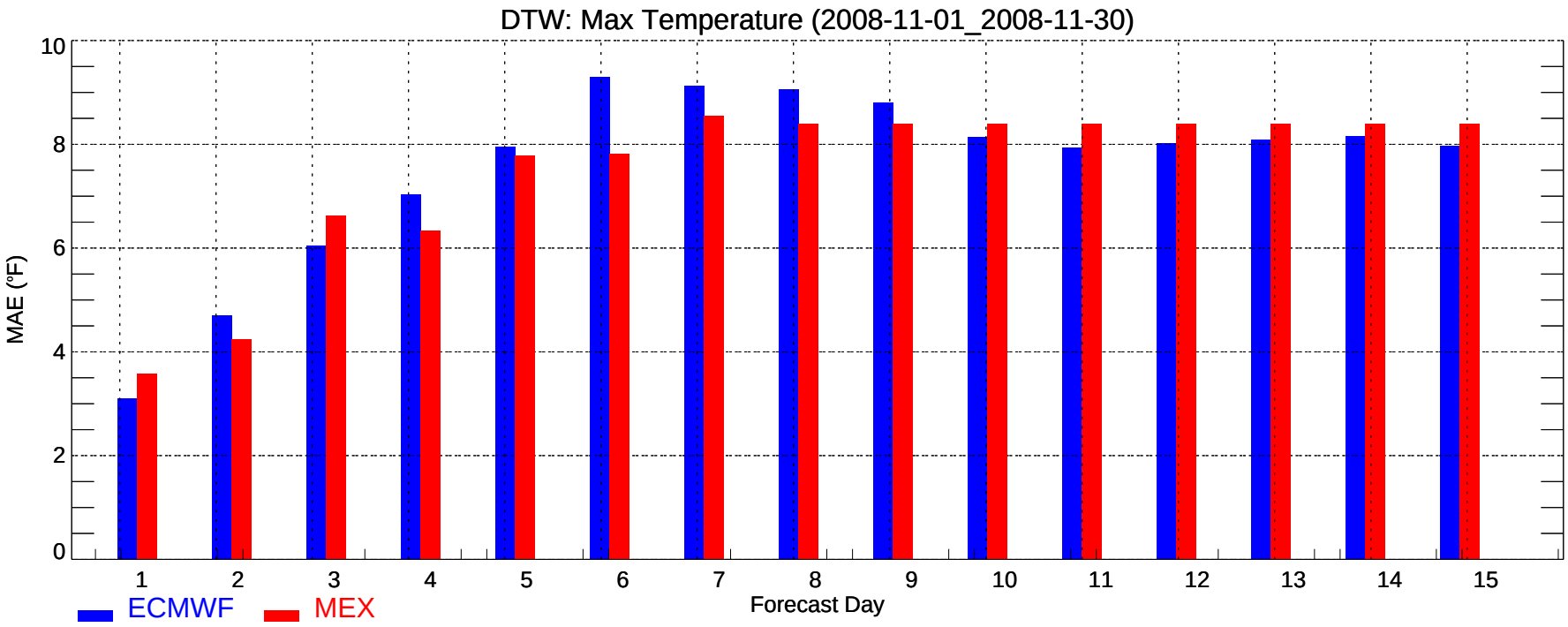
Forecast Day
ECMWF
MEX


DTW: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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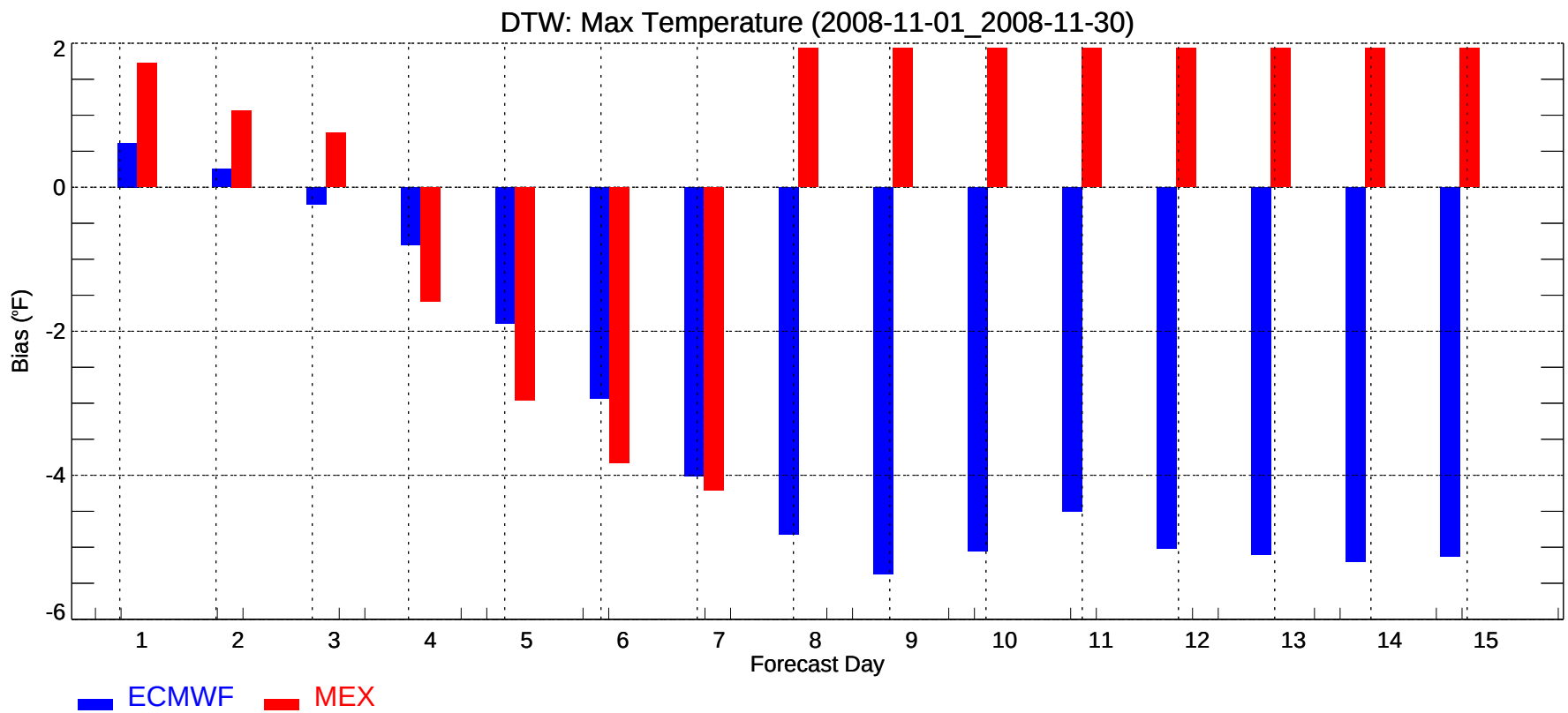
Forecast Day
ECMWF
MEX


DTW: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
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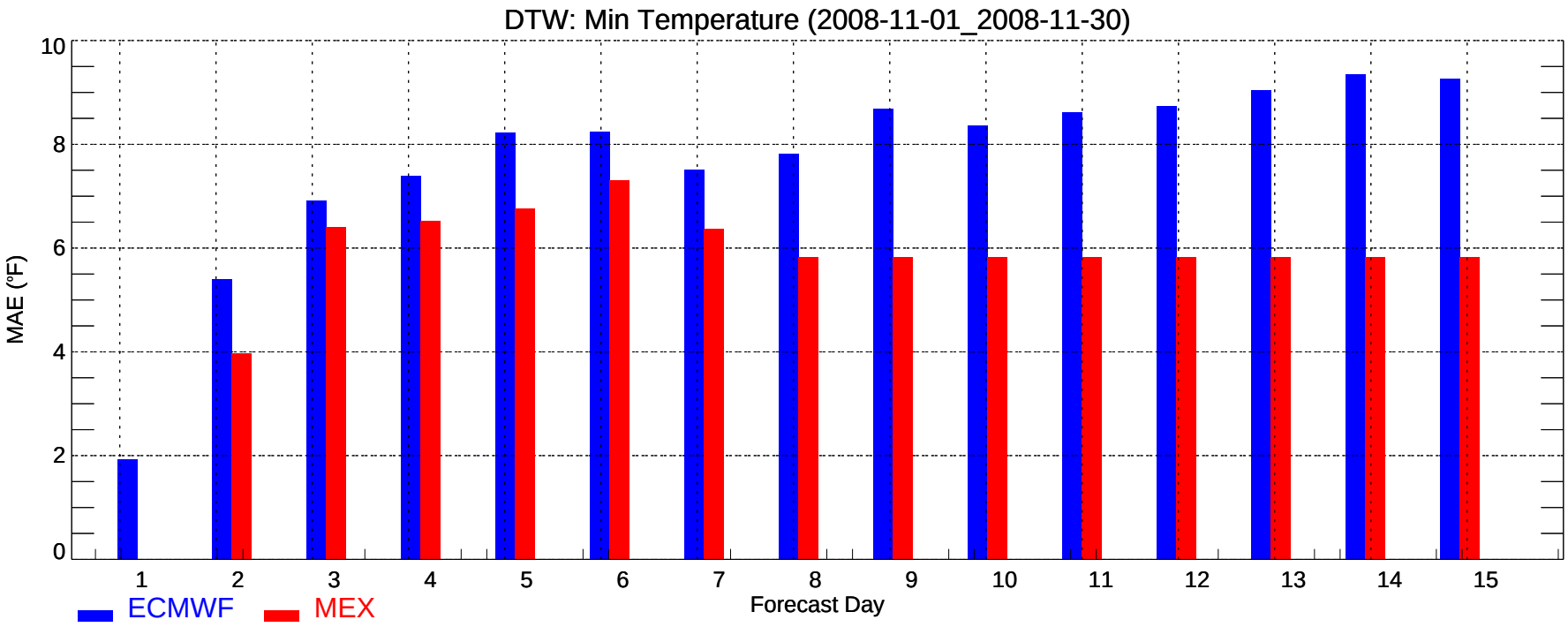
Forecast Day
ECMWF
MEX


DTW: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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6
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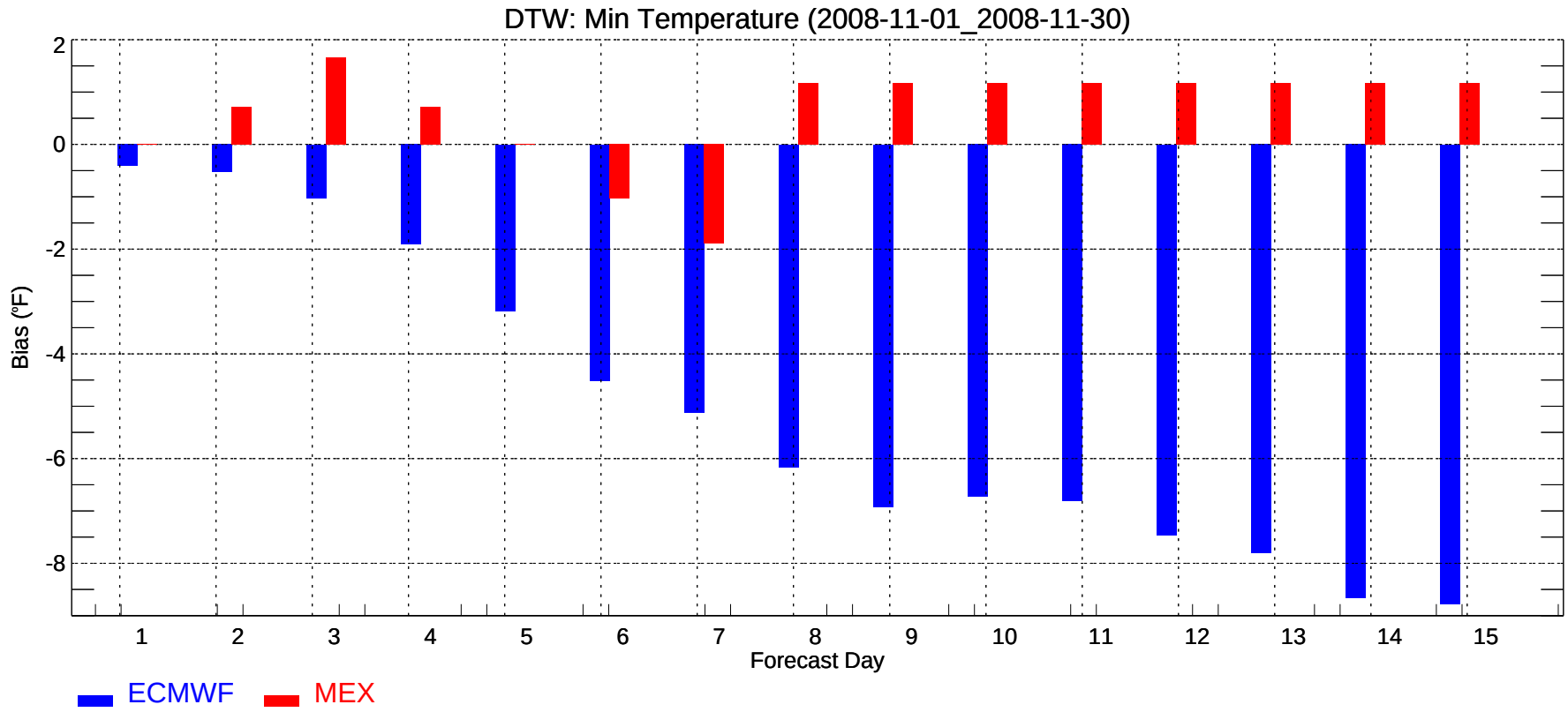
Forecast Day
ECMWF
MEX


DTW: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
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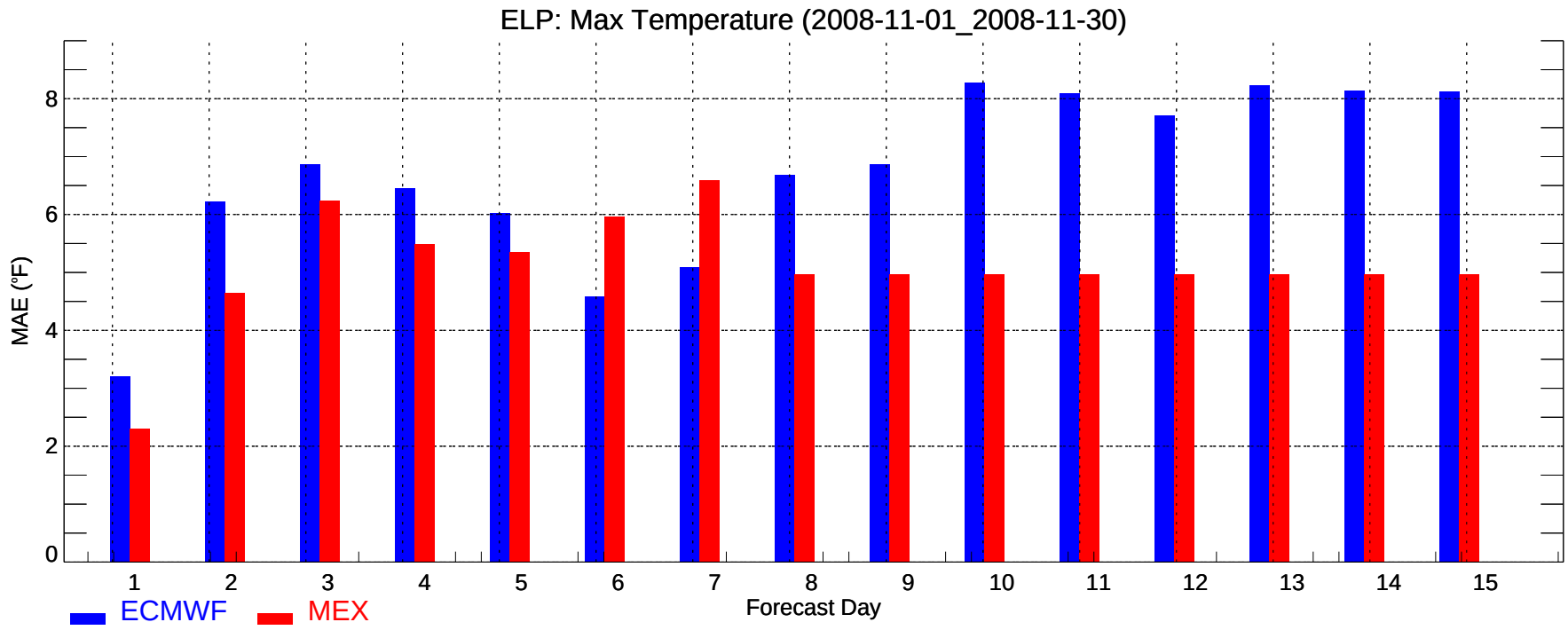
Forecast Day
ECMWF
MEX


ELP: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
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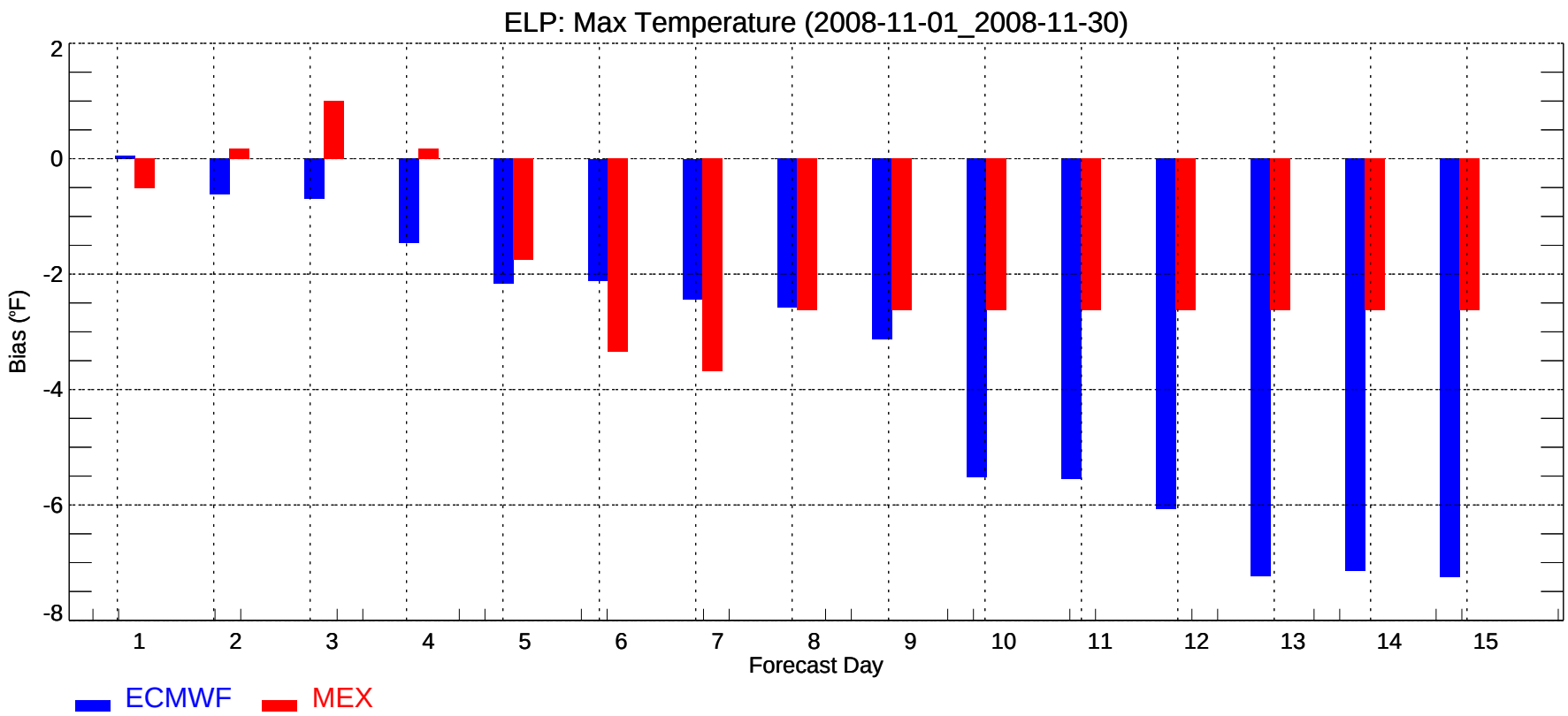
Forecast Day
ECMWF
MEX


ELP: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
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-2
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-8
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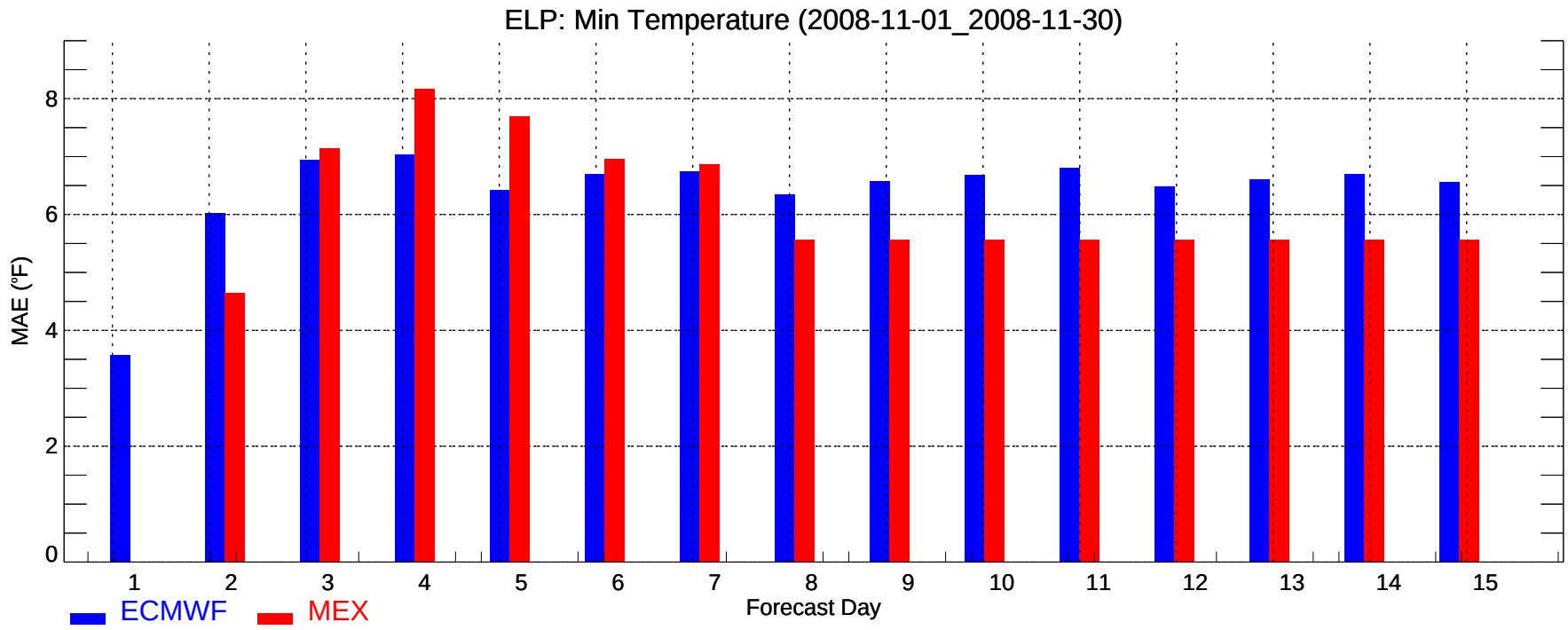
Forecast Day
ECMWF
MEX


ELP: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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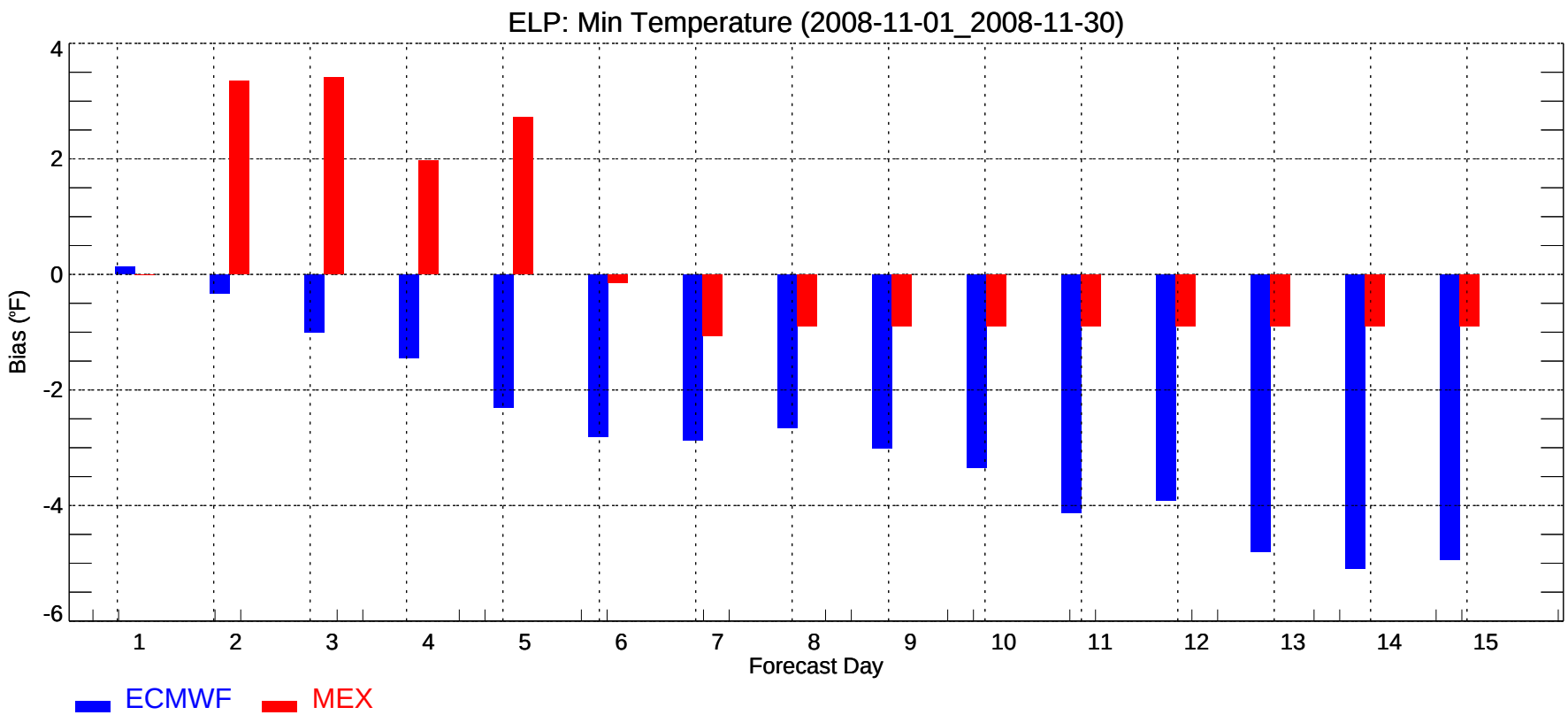
Forecast Day
ECMWF
MEX


ELP: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
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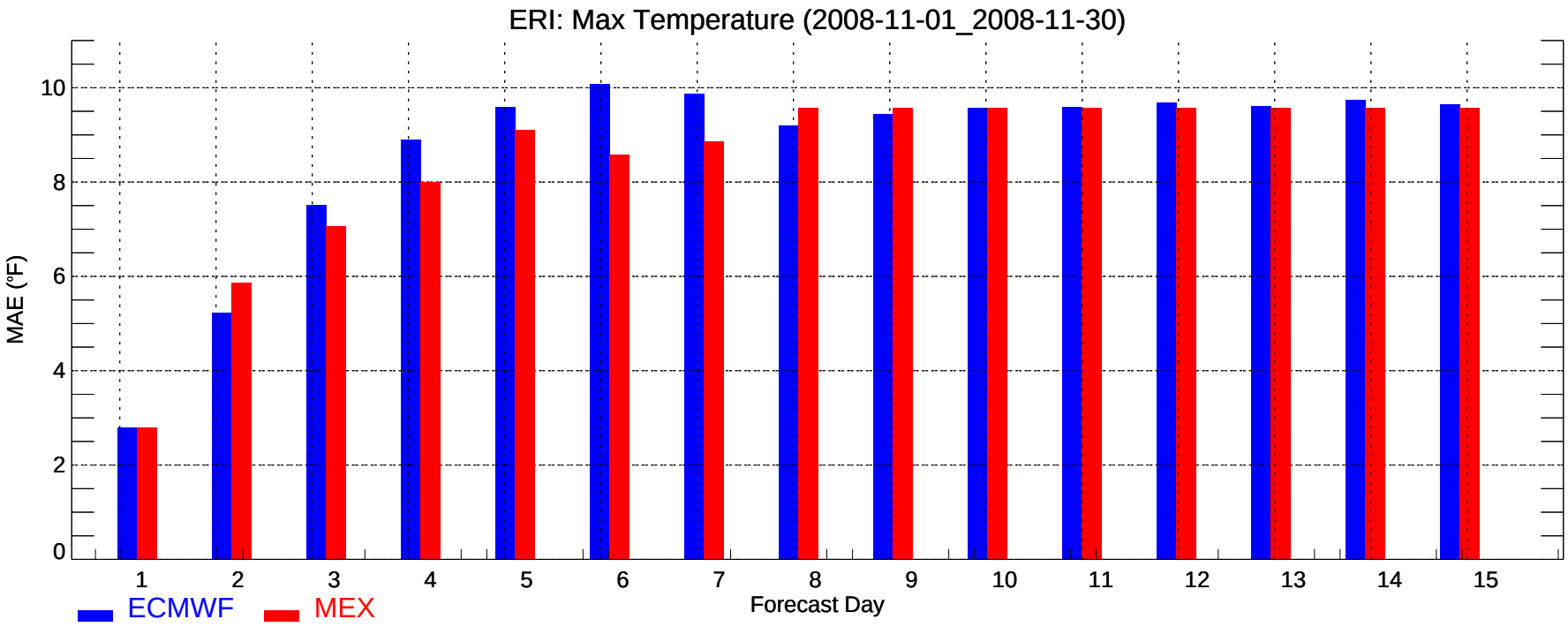
Forecast Day
ECMWF
MEX


ERI: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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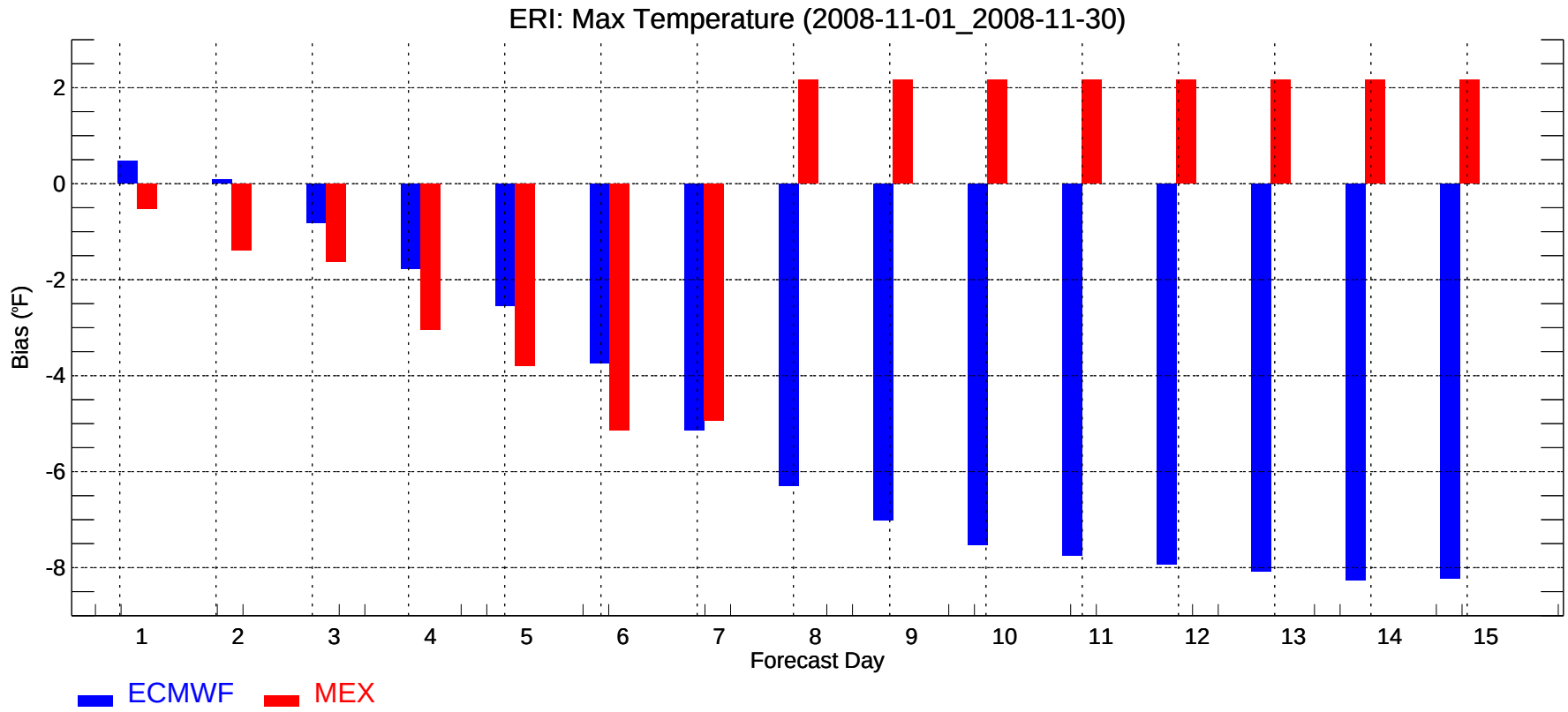
Forecast Day
ECMWF
MEX


ERI: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
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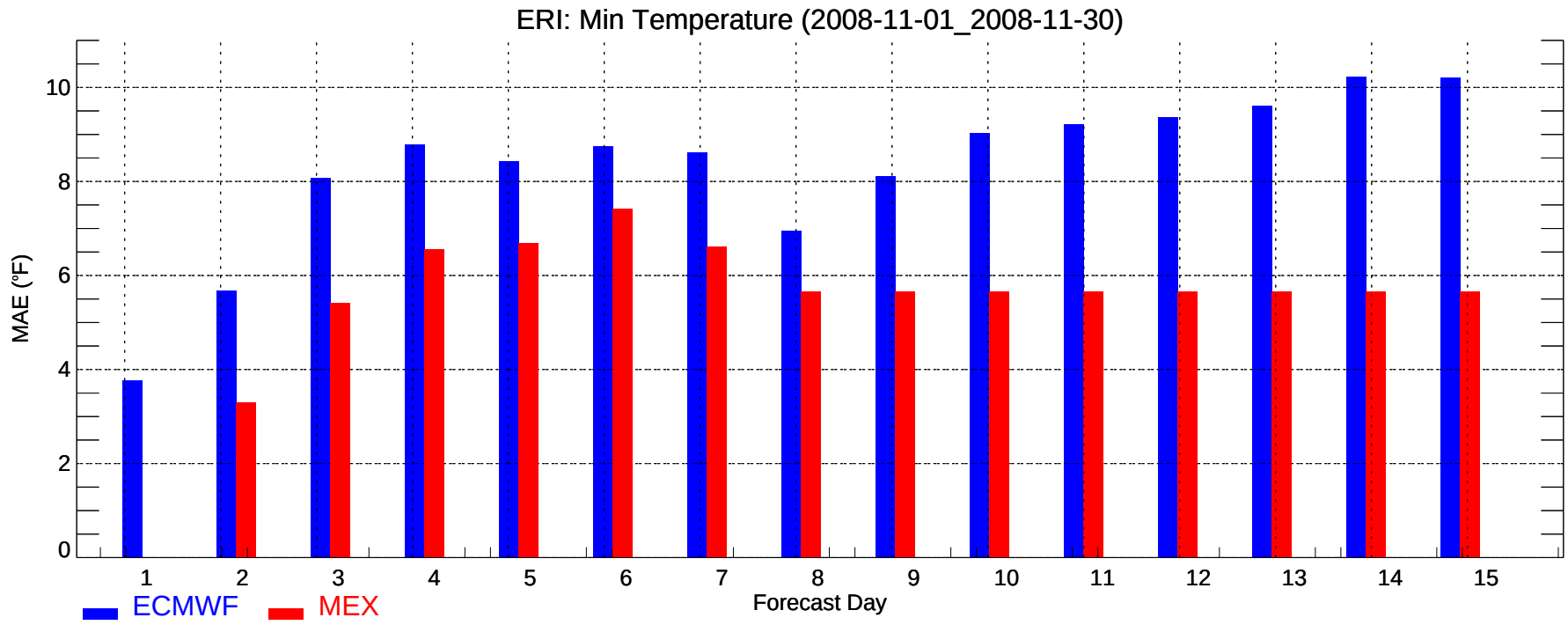
Forecast Day
ECMWF
MEX


ERI: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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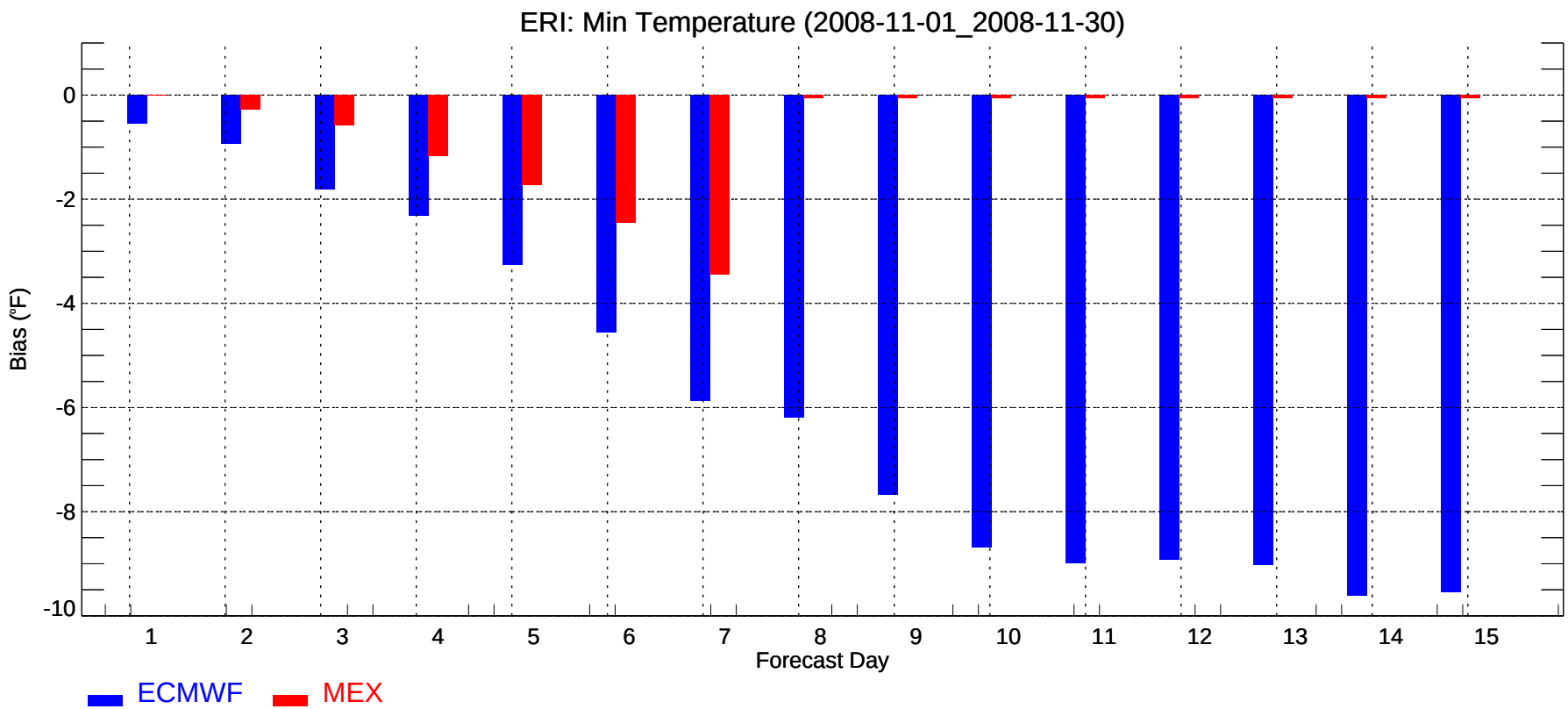
Forecast Day
ECMWF
MEX


ERI: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
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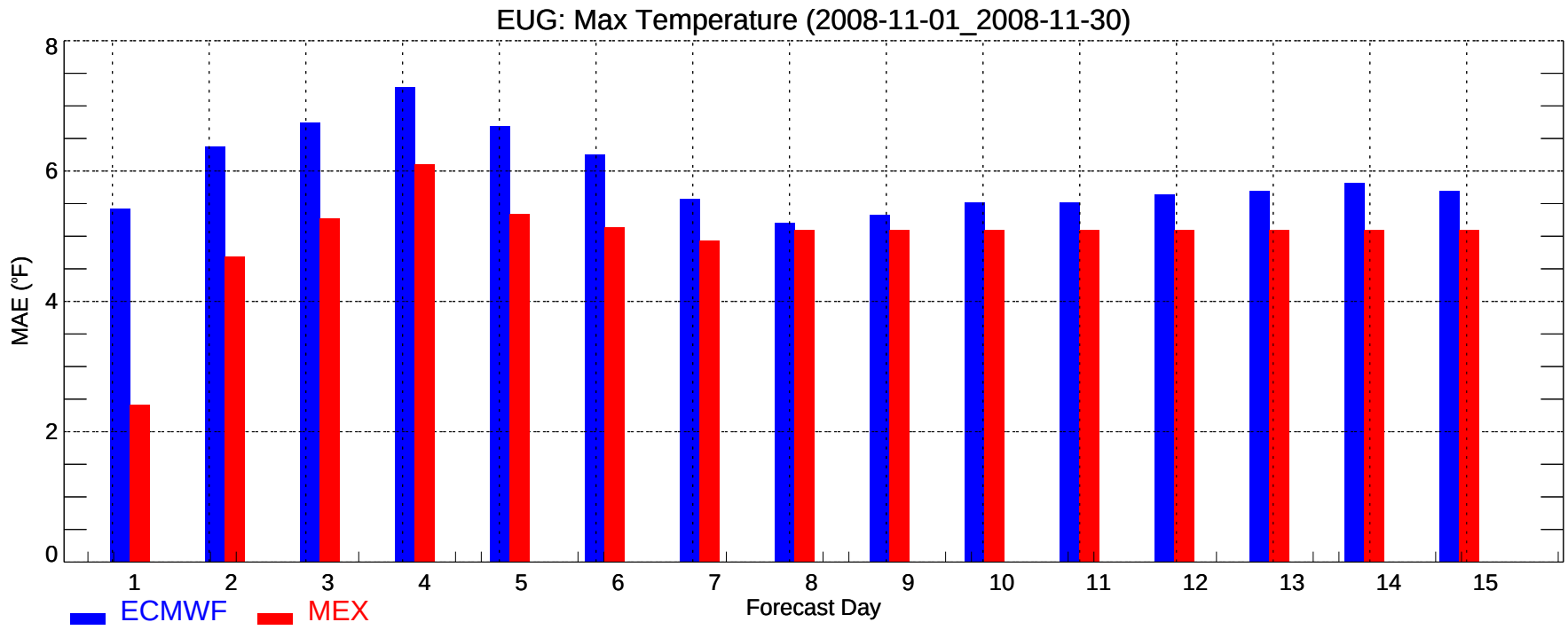
Forecast Day
ECMWF
MEX


EUG: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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1
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8
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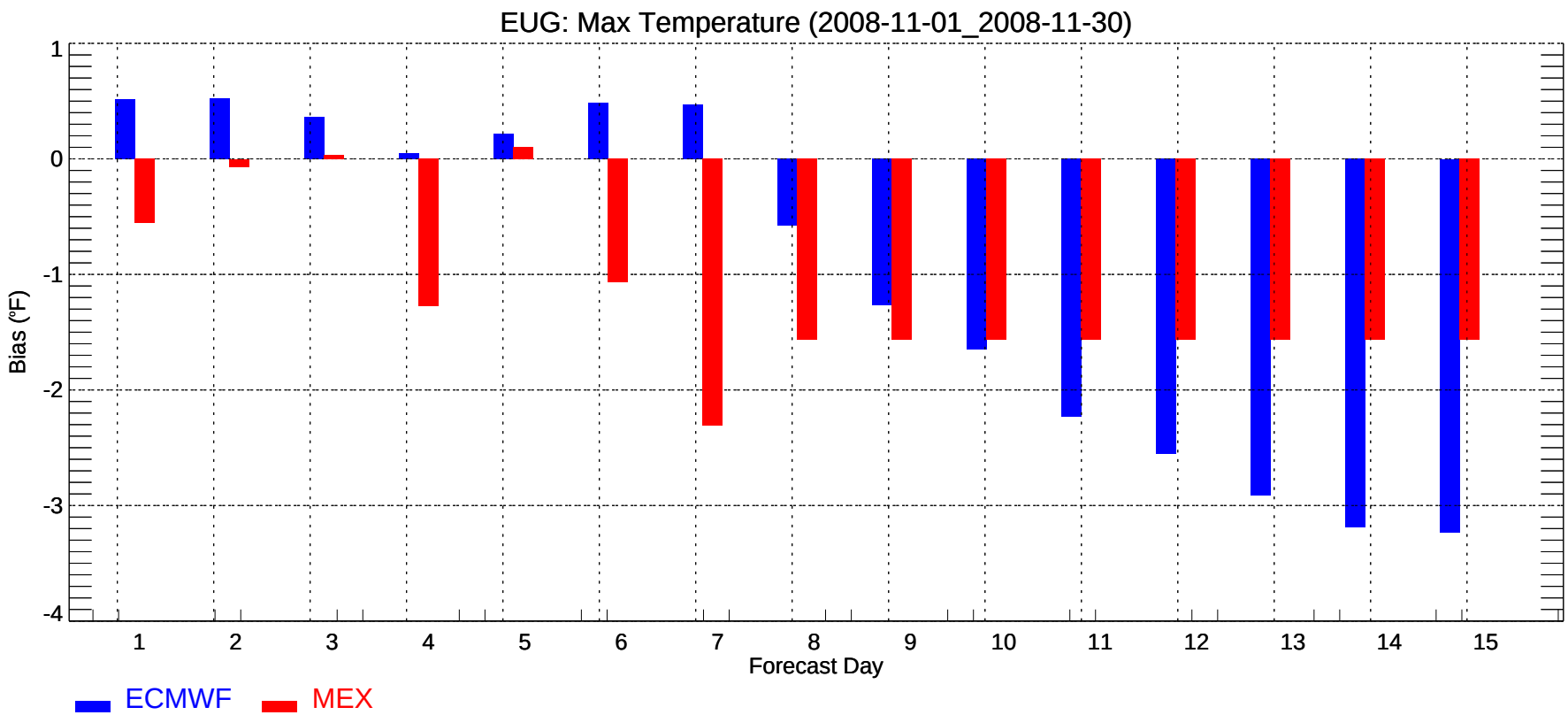
Forecast Day
ECMWF
MEX


EUG: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
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5
6
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8
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10
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13
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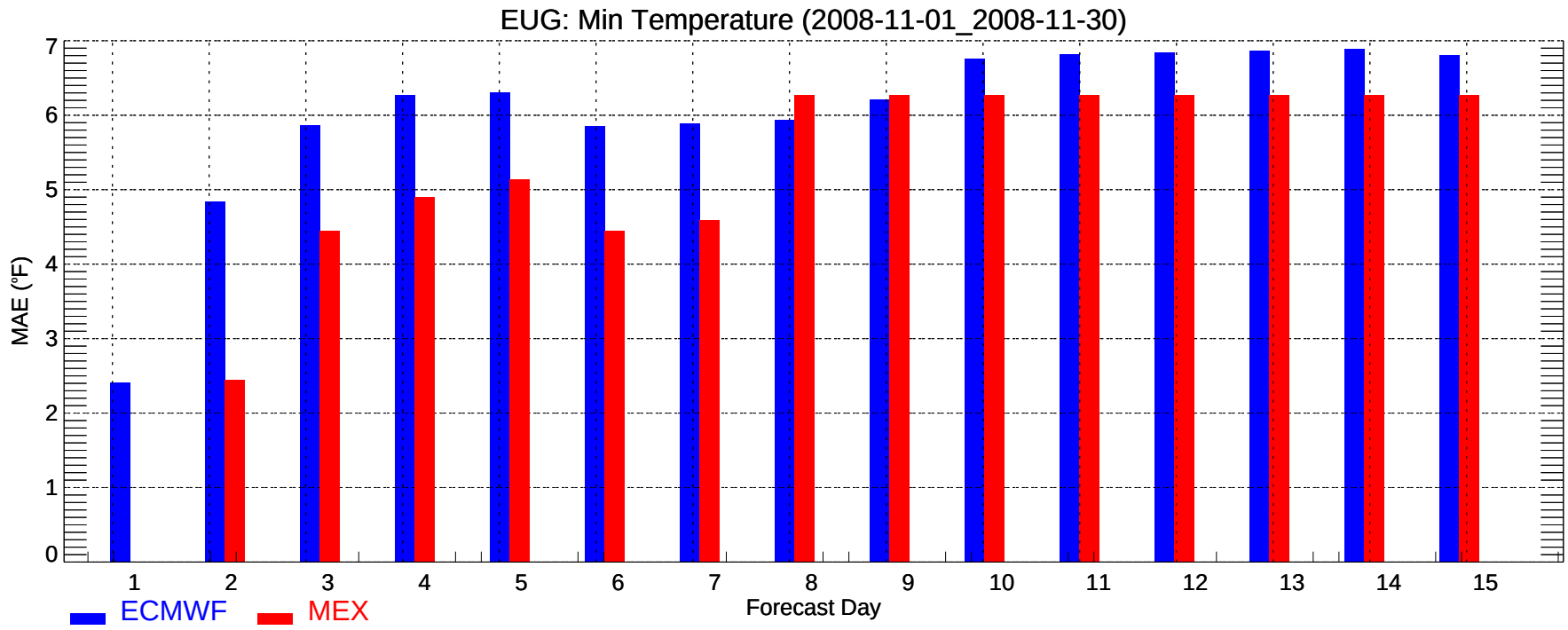
Forecast Day
ECMWF
MEX


EUG: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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10
11
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13
14
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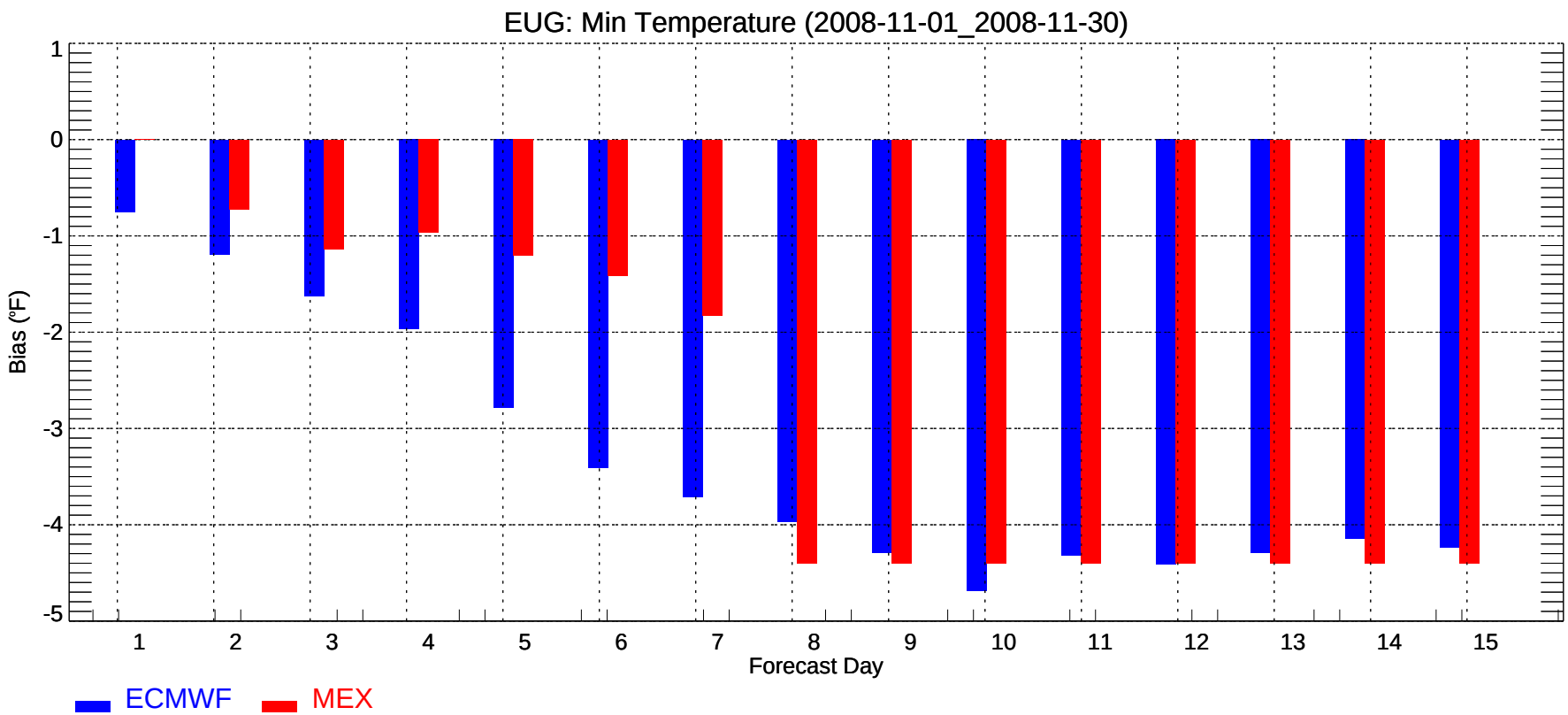
Forecast Day
ECMWF
MEX


EUG: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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0
-1
-2
-3
-4
-5
1
2
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4
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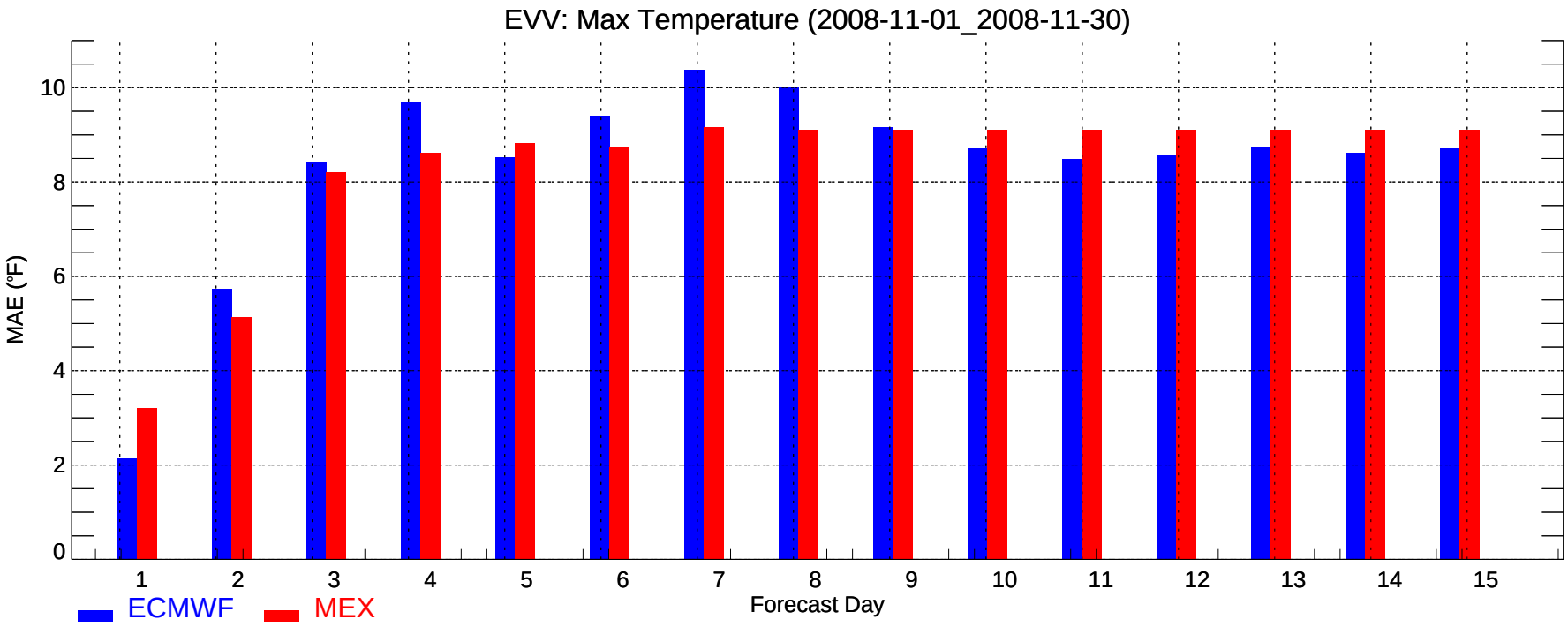
Forecast Day
ECMWF
MEX


EVV: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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2
4
6
8
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2
3
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6
7
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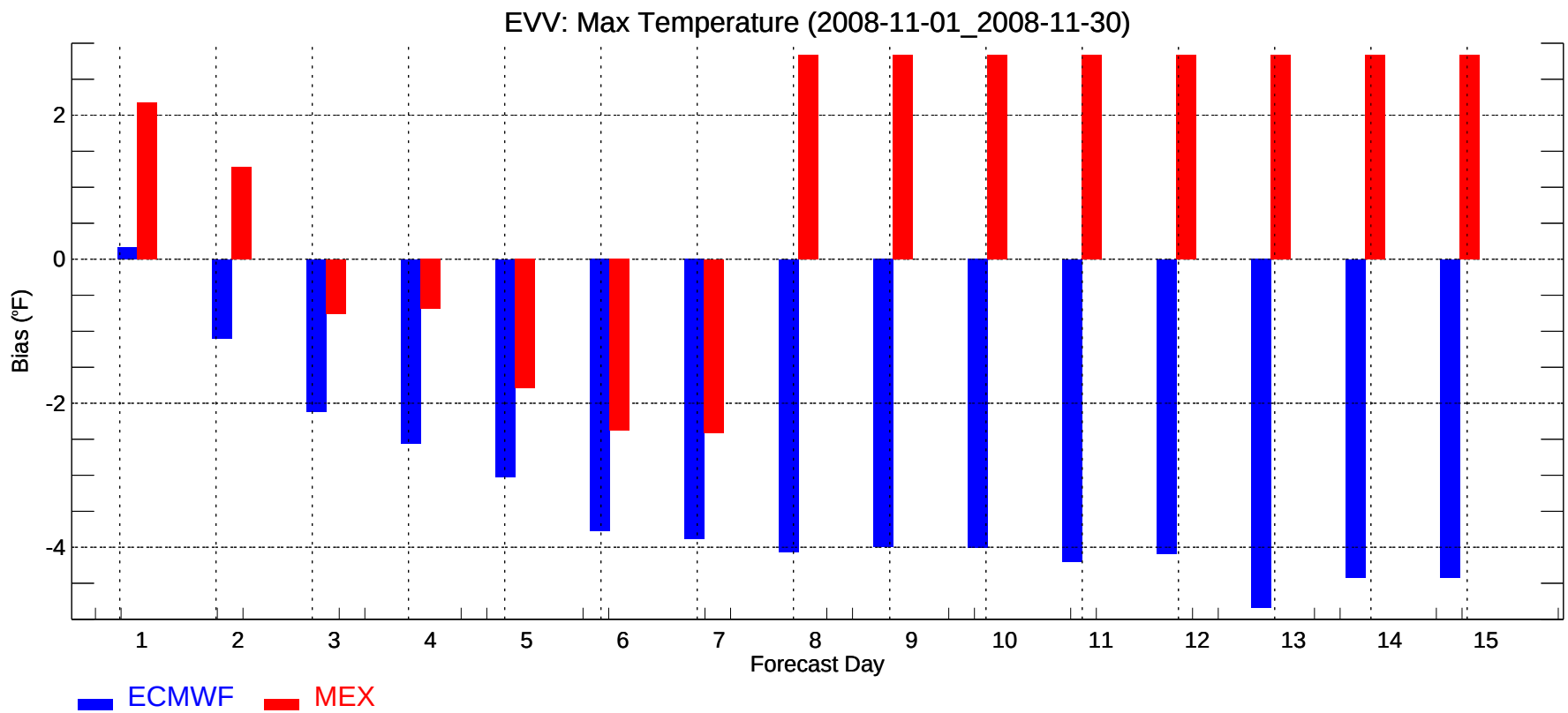
Forecast Day
ECMWF
MEX


EVV: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
1
2
3
4
5
6
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8
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12
13
14
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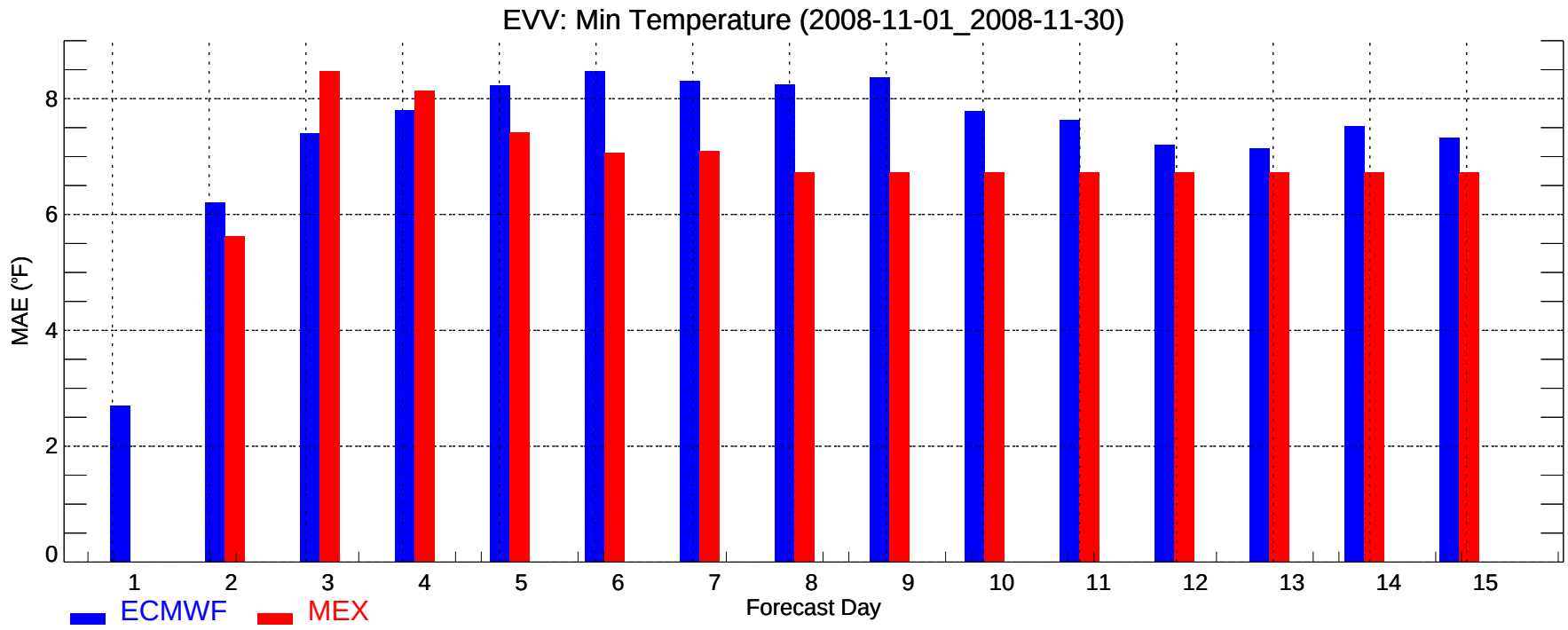
Forecast Day
ECMWF
MEX


EVV: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
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1
2
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8
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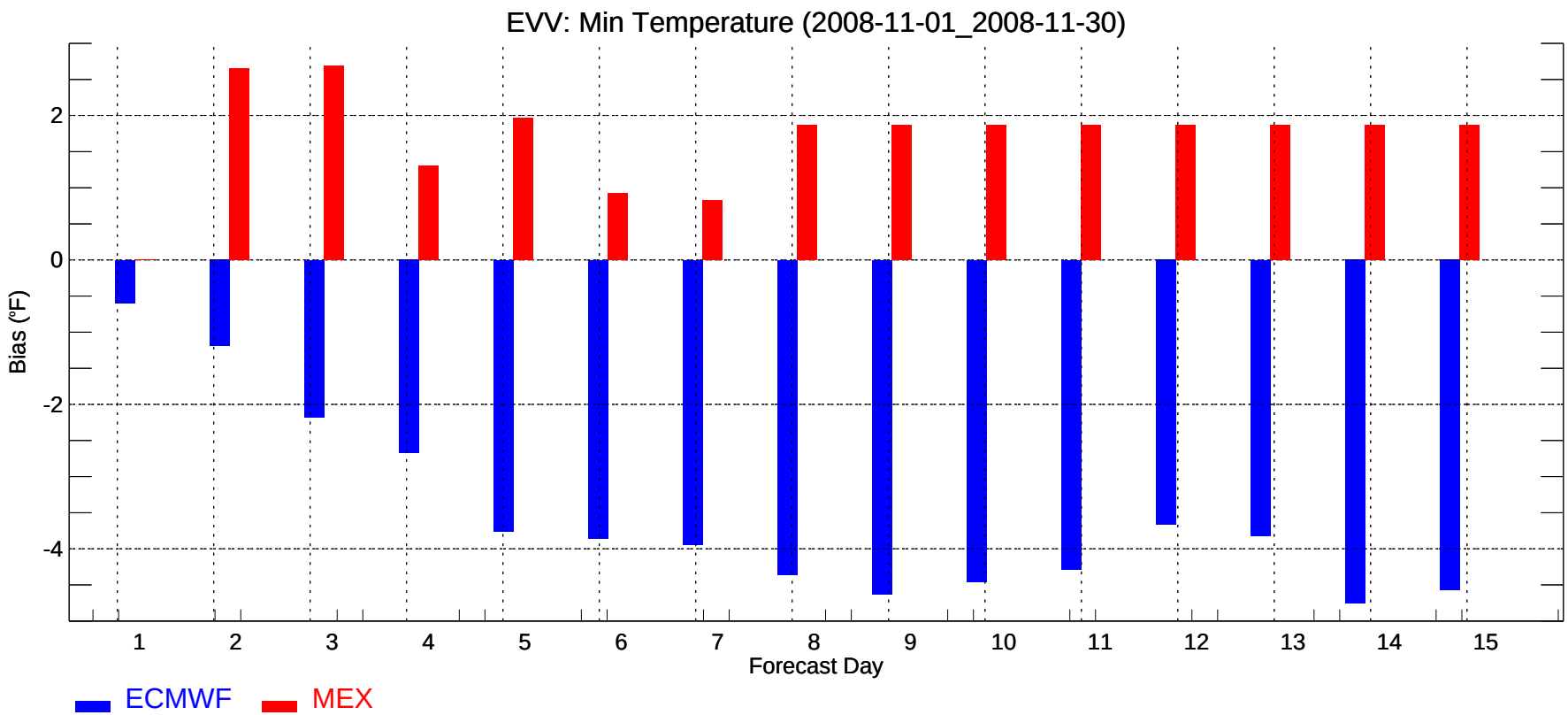
12
13
14
15
Forecast Day
ECMWF
MEX


EVV: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
1
2
3
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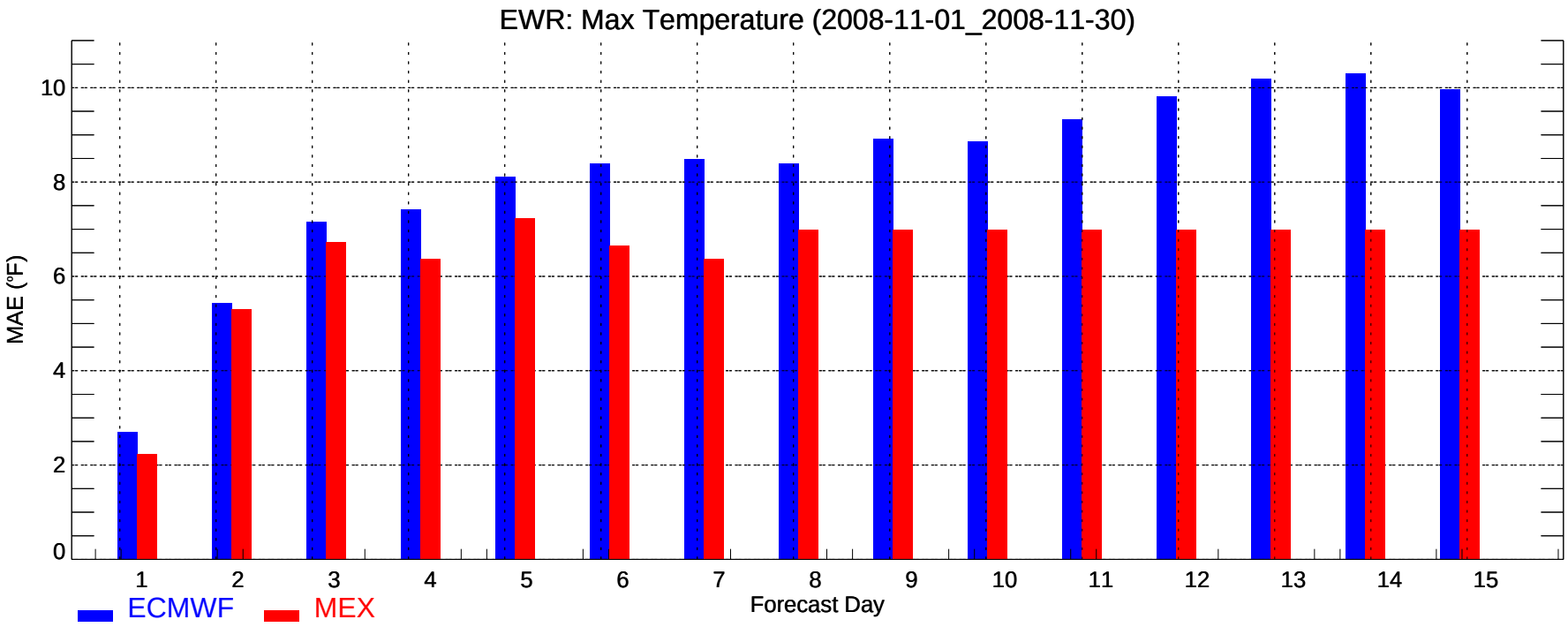
Forecast Day
ECMWF
MEX


EWR: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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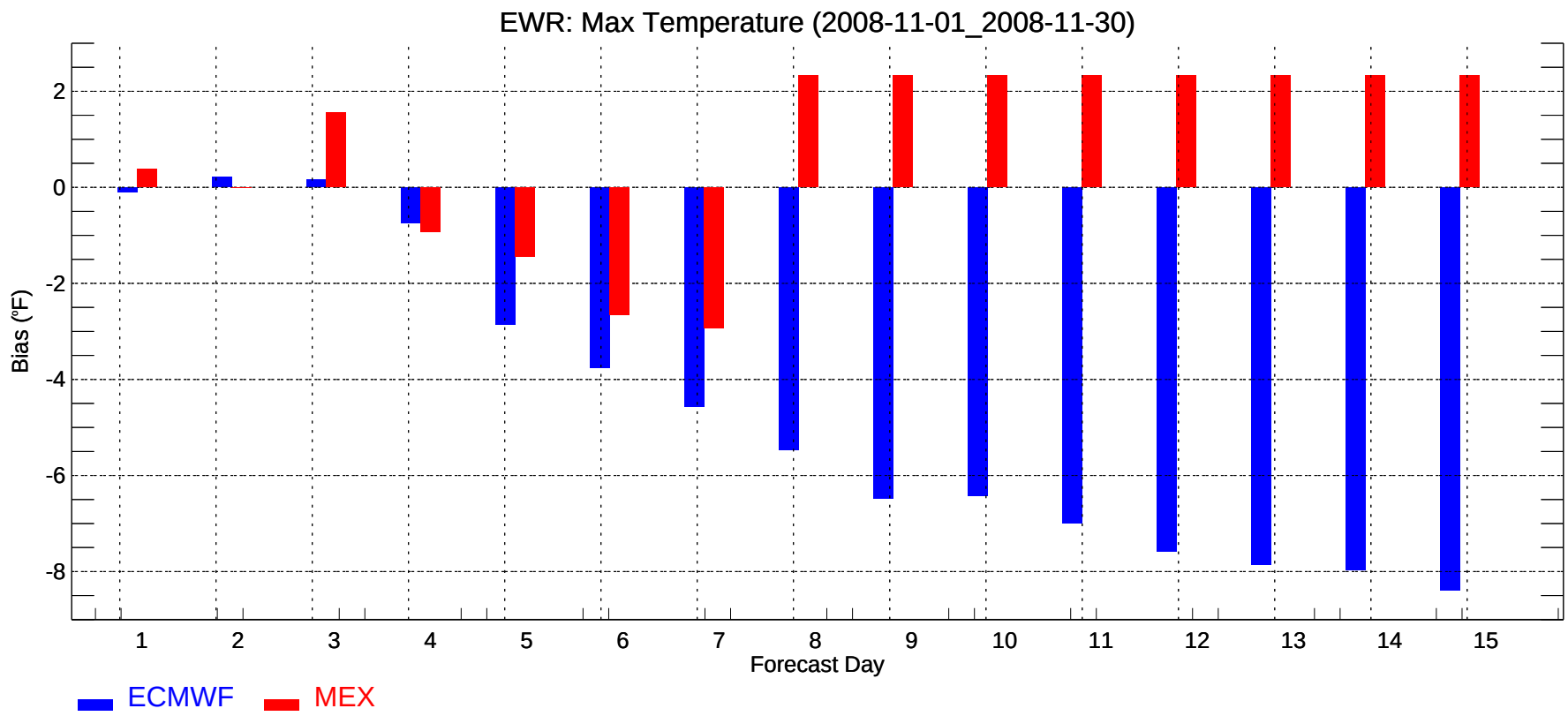
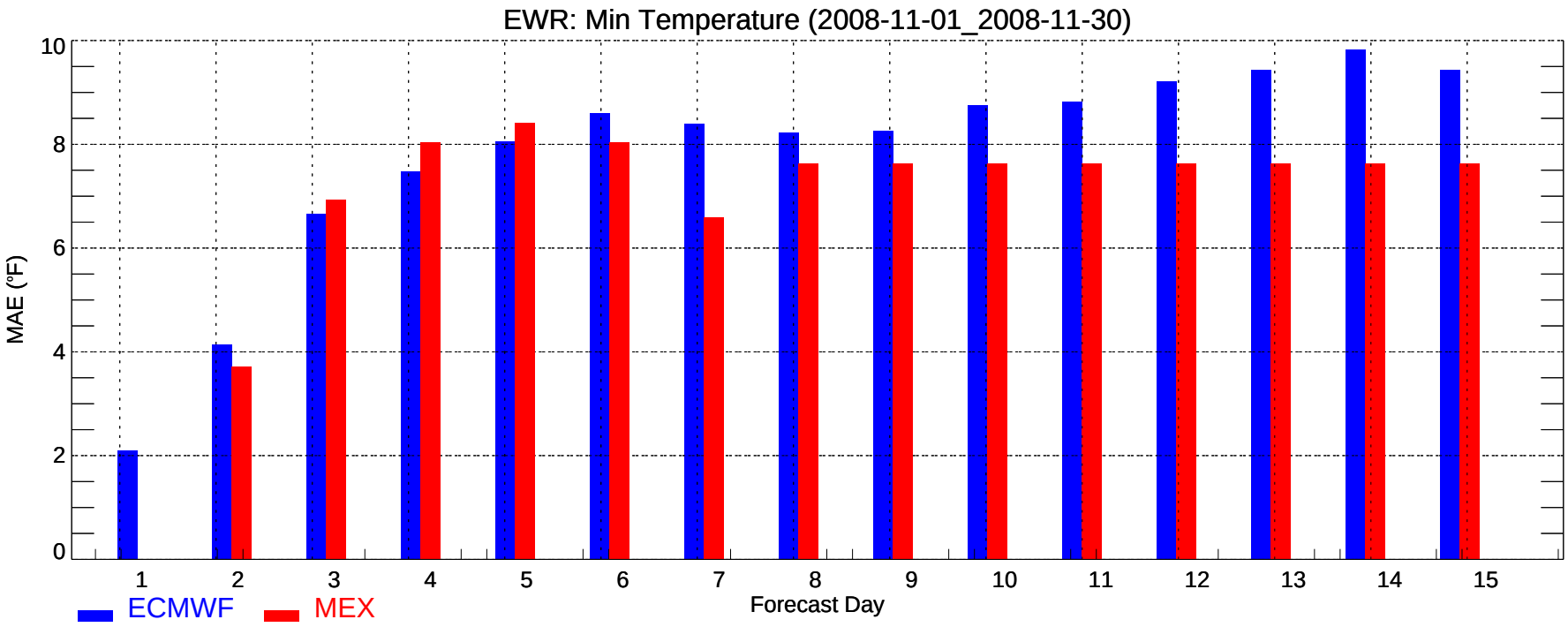
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


EWR: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
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5
6
7
8
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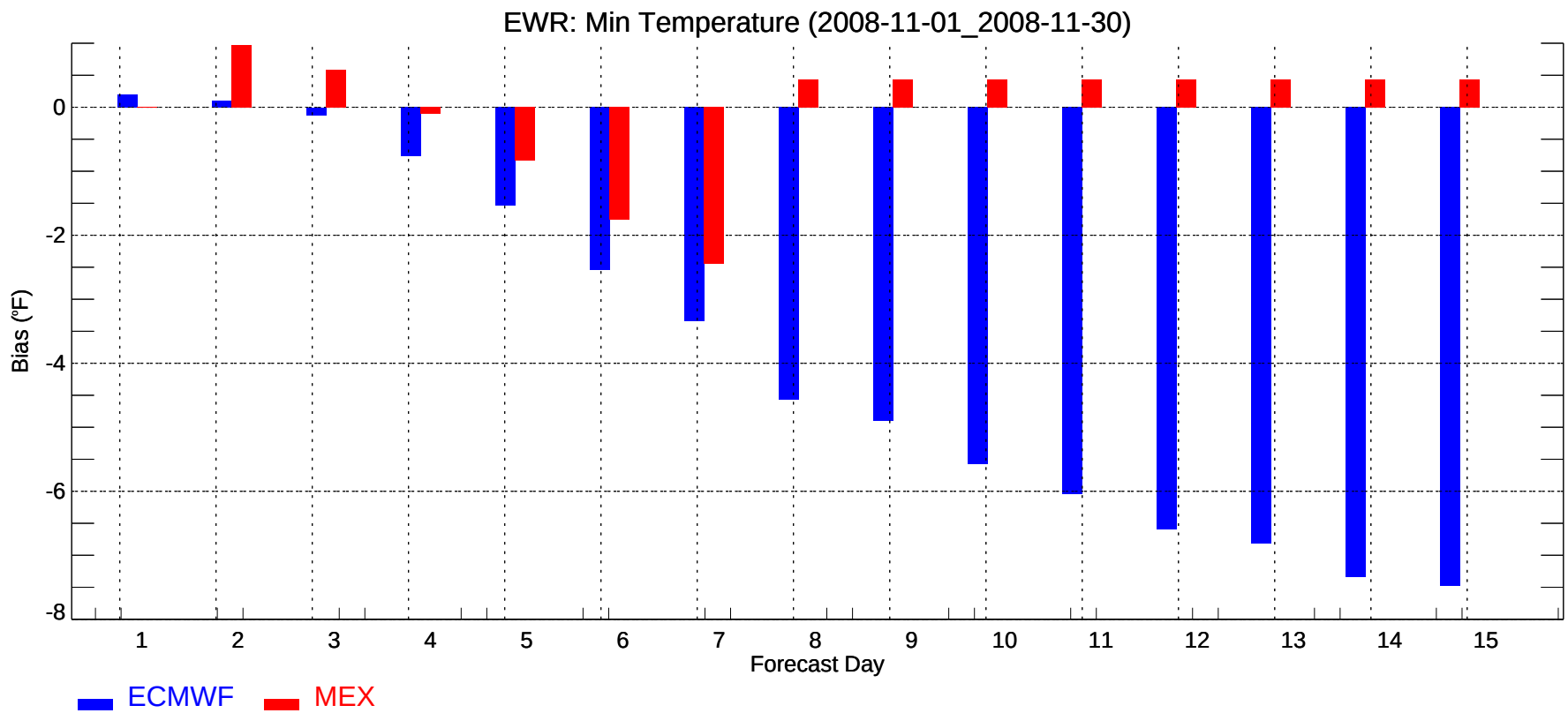
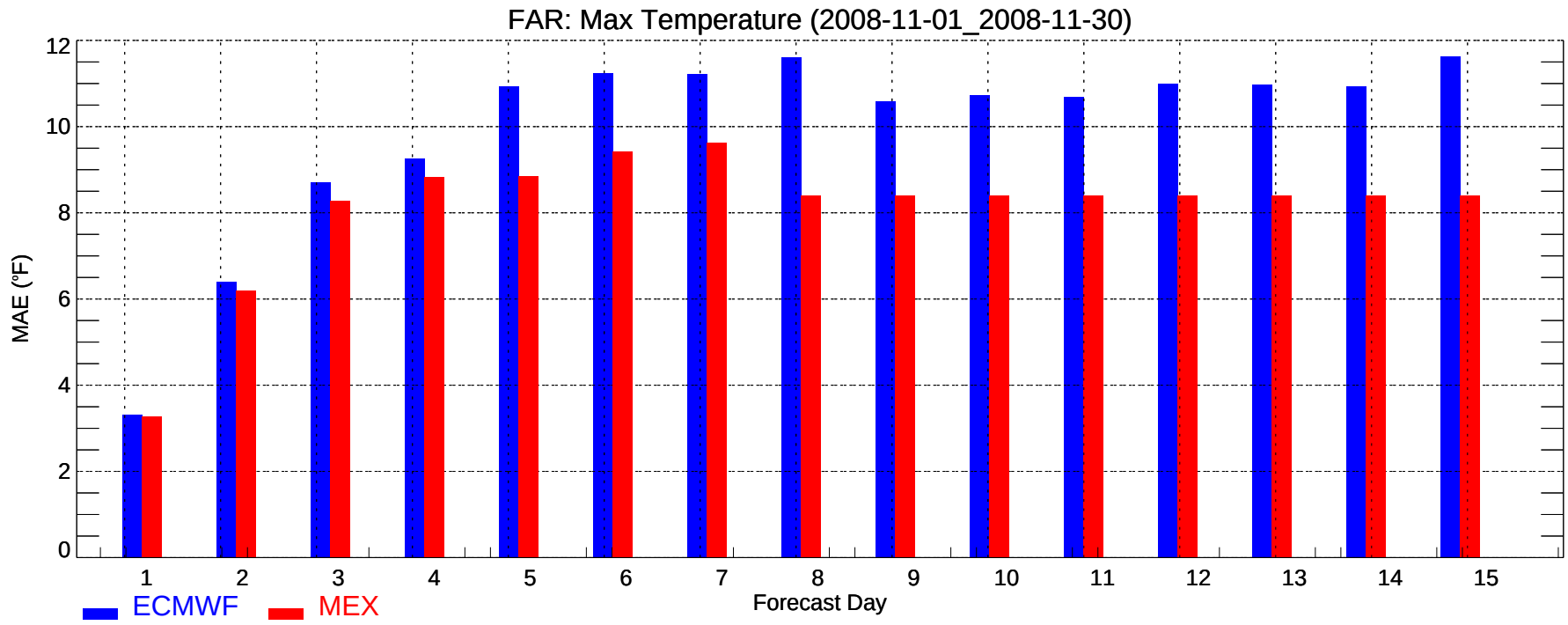
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


FAR: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
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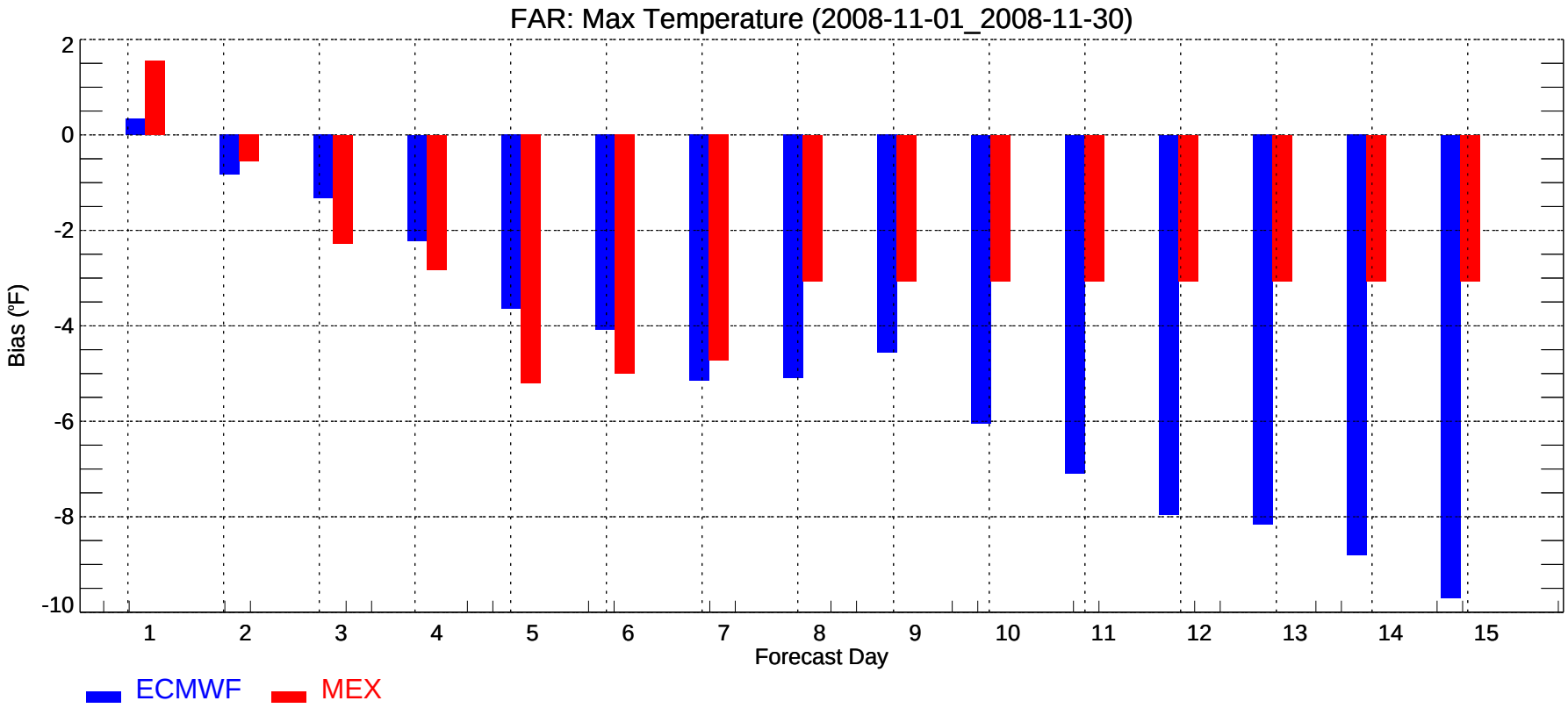
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


FAR: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
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6
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8
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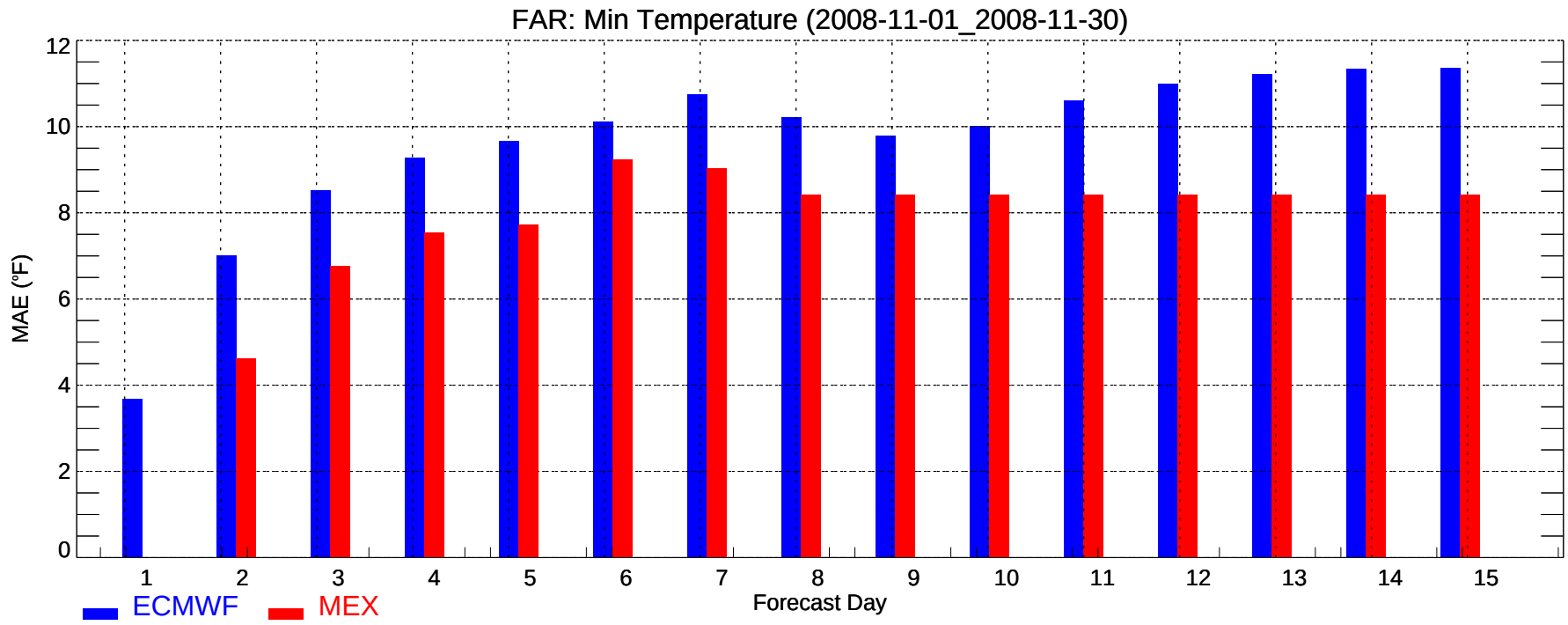
12
13
14
15
Forecast Day
ECMWF
MEX


FAR: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
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8
10
12
1
2
3
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6
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8
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14
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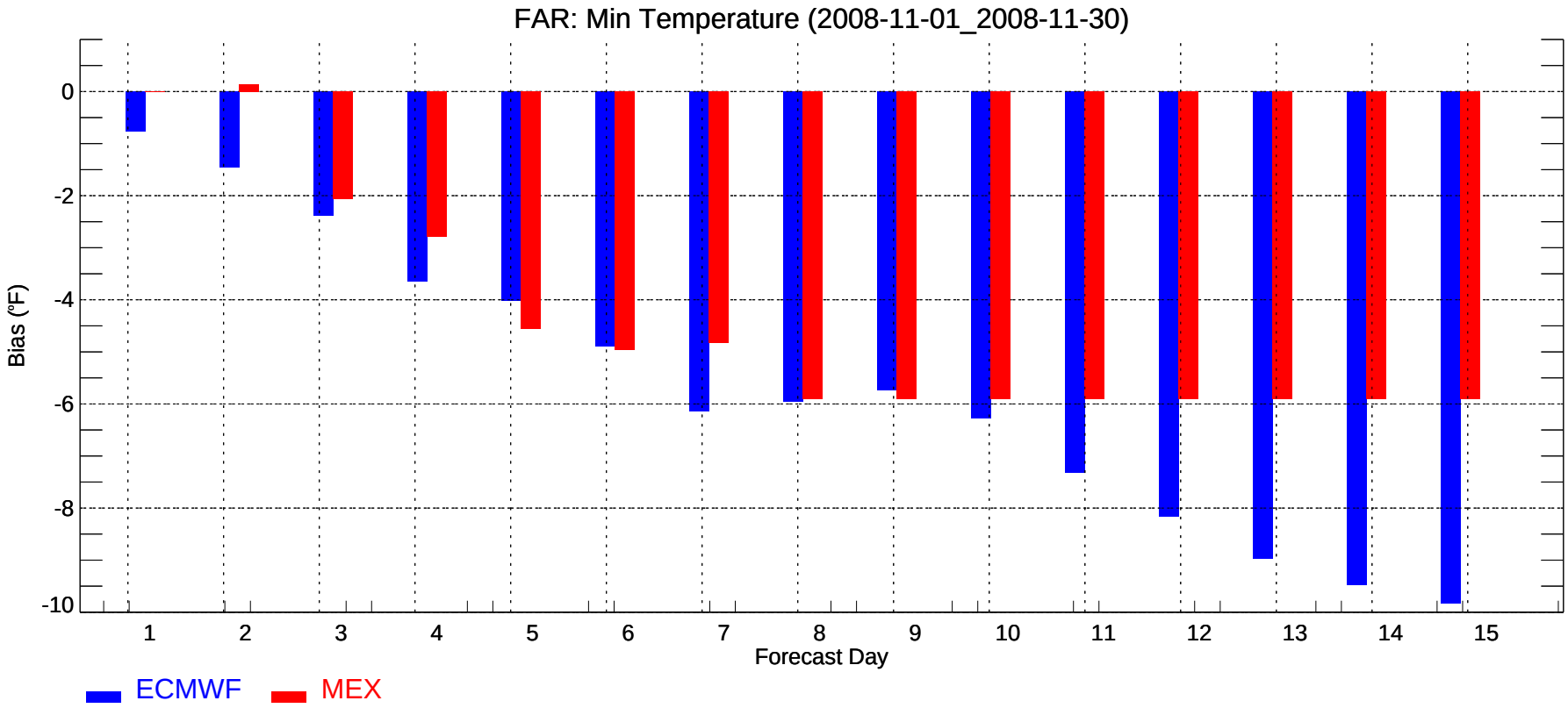
Forecast Day
ECMWF
MEX


FAR: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
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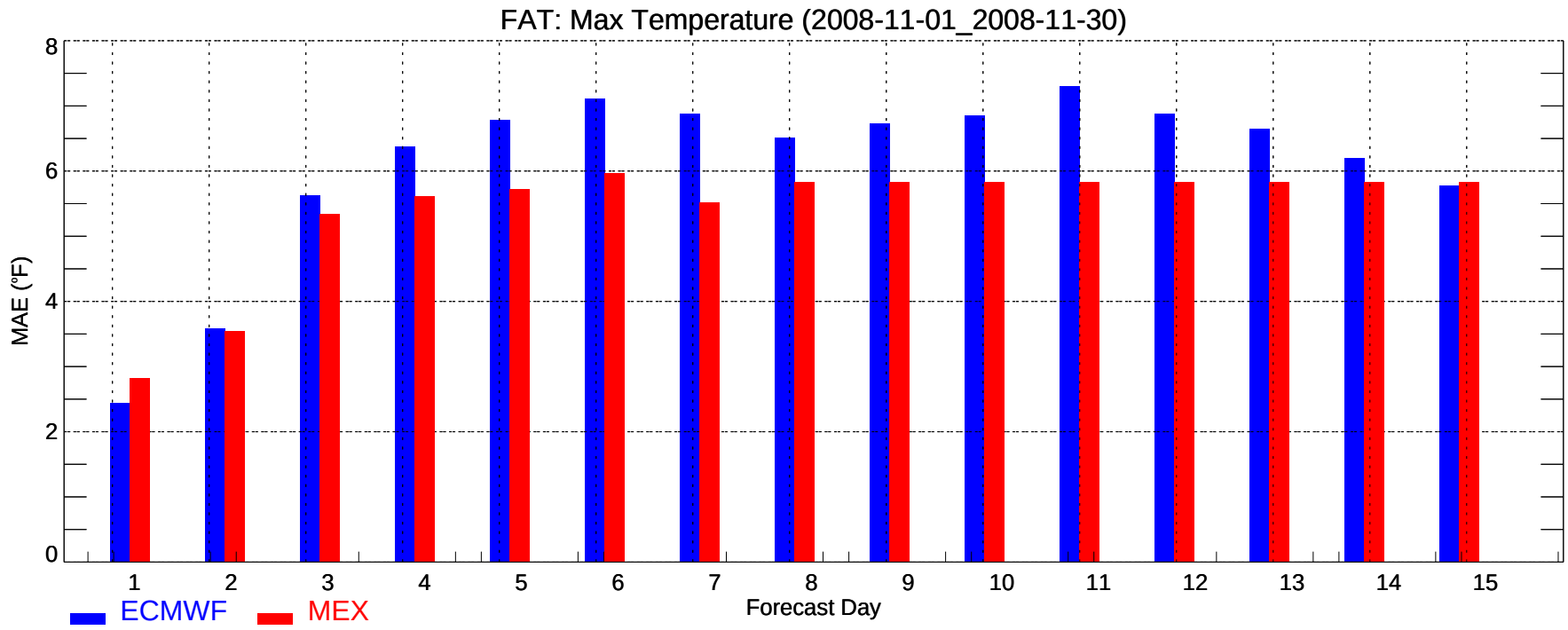
Forecast Day
ECMWF
MEX


FAT: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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13
14
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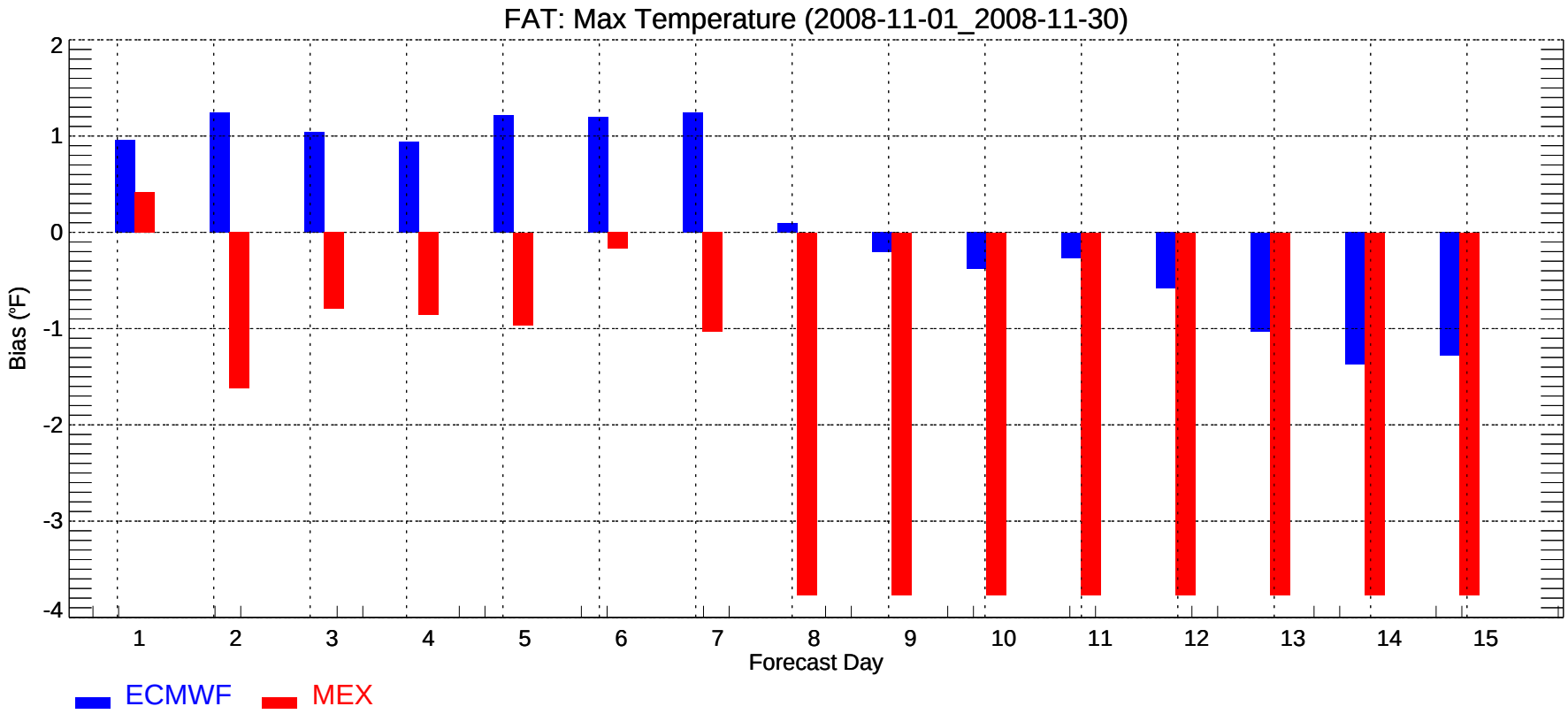
Forecast Day
ECMWF
MEX


FAT: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
1
2
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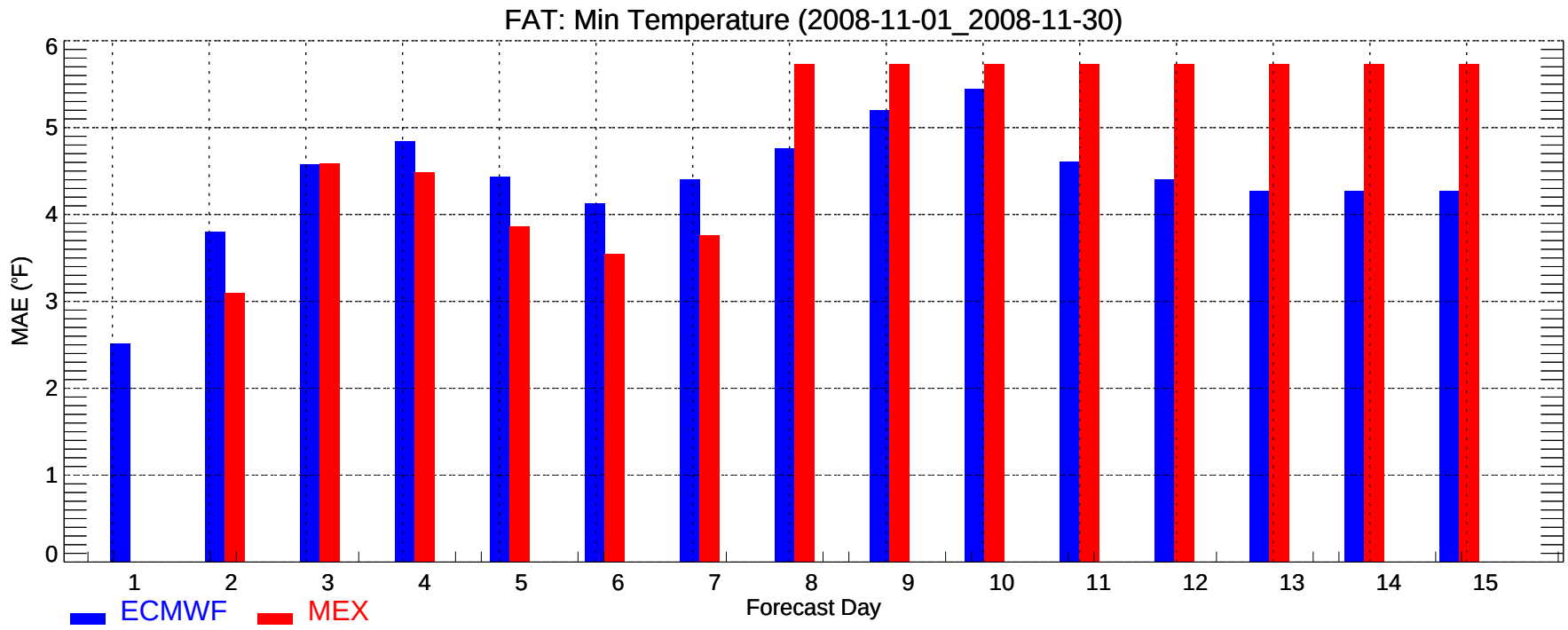
Forecast Day
ECMWF
MEX


FAT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
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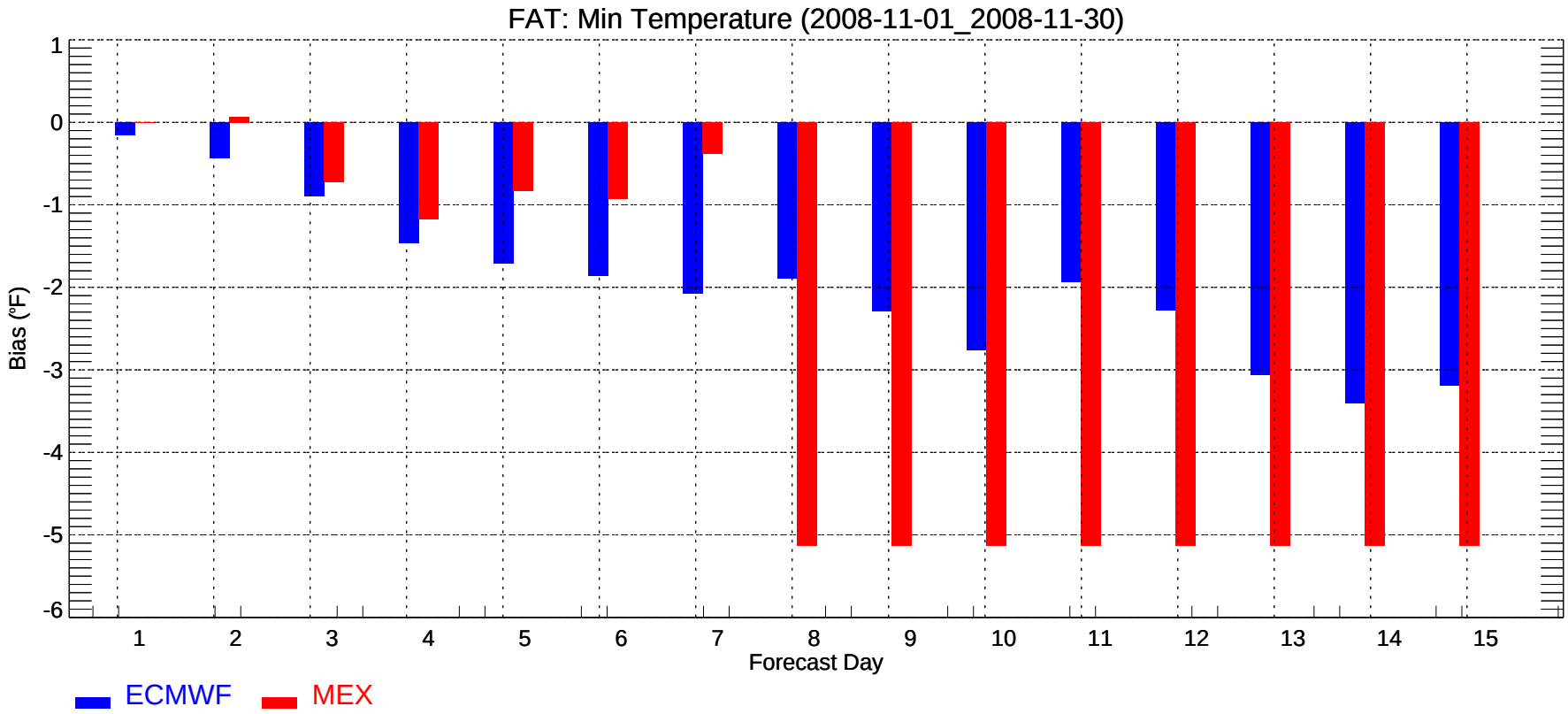
Forecast Day
ECMWF
MEX


FAT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
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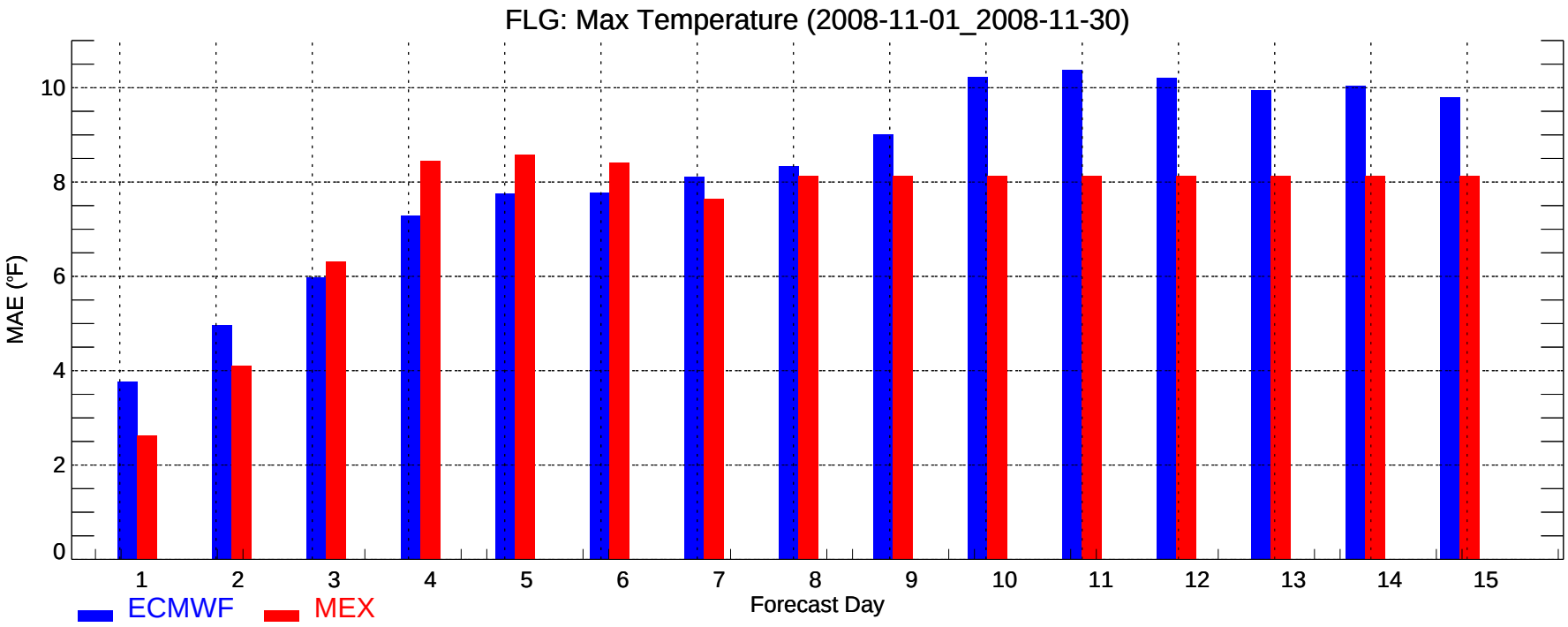
Forecast Day
ECMWF
MEX


FLG: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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2
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7
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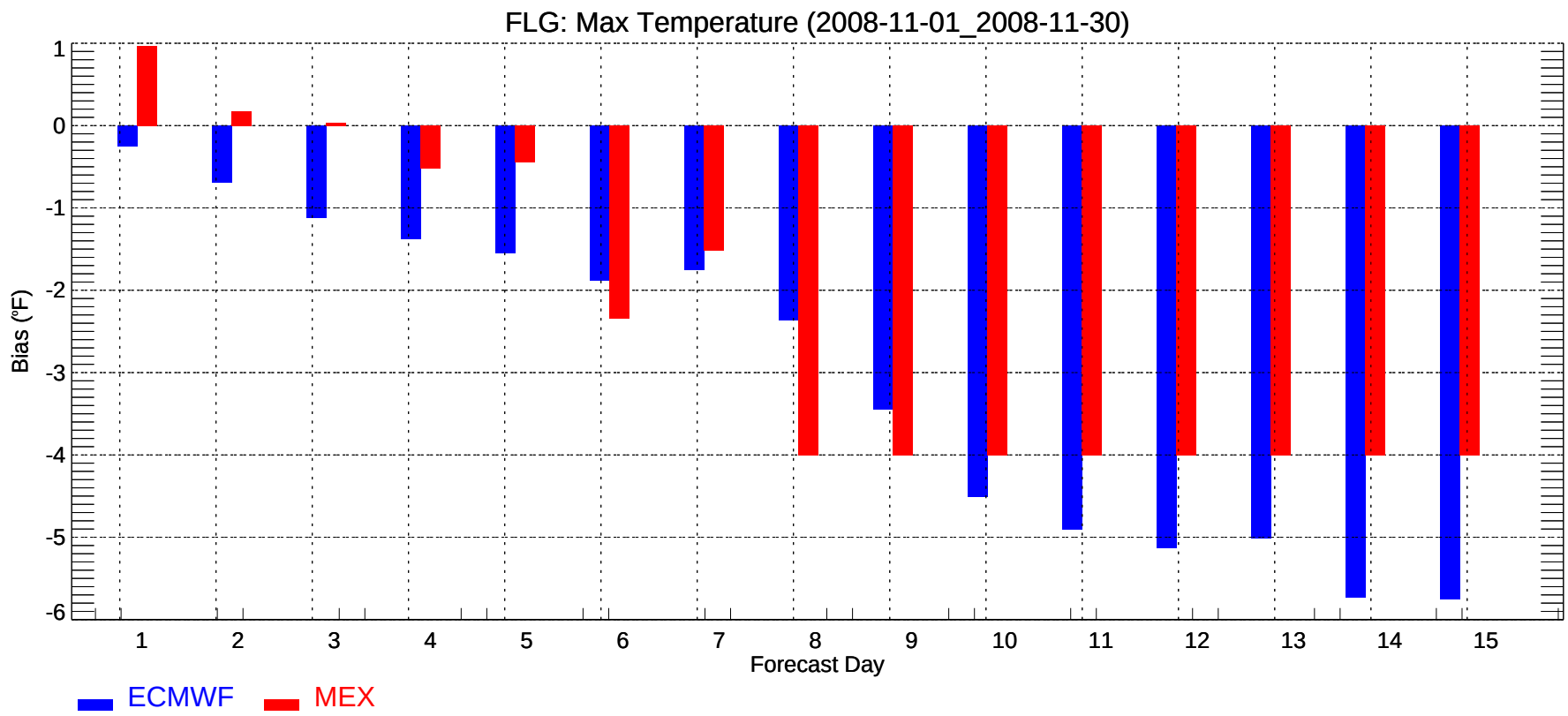
13
14
15
Forecast Day
ECMWF
MEX


FLG: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
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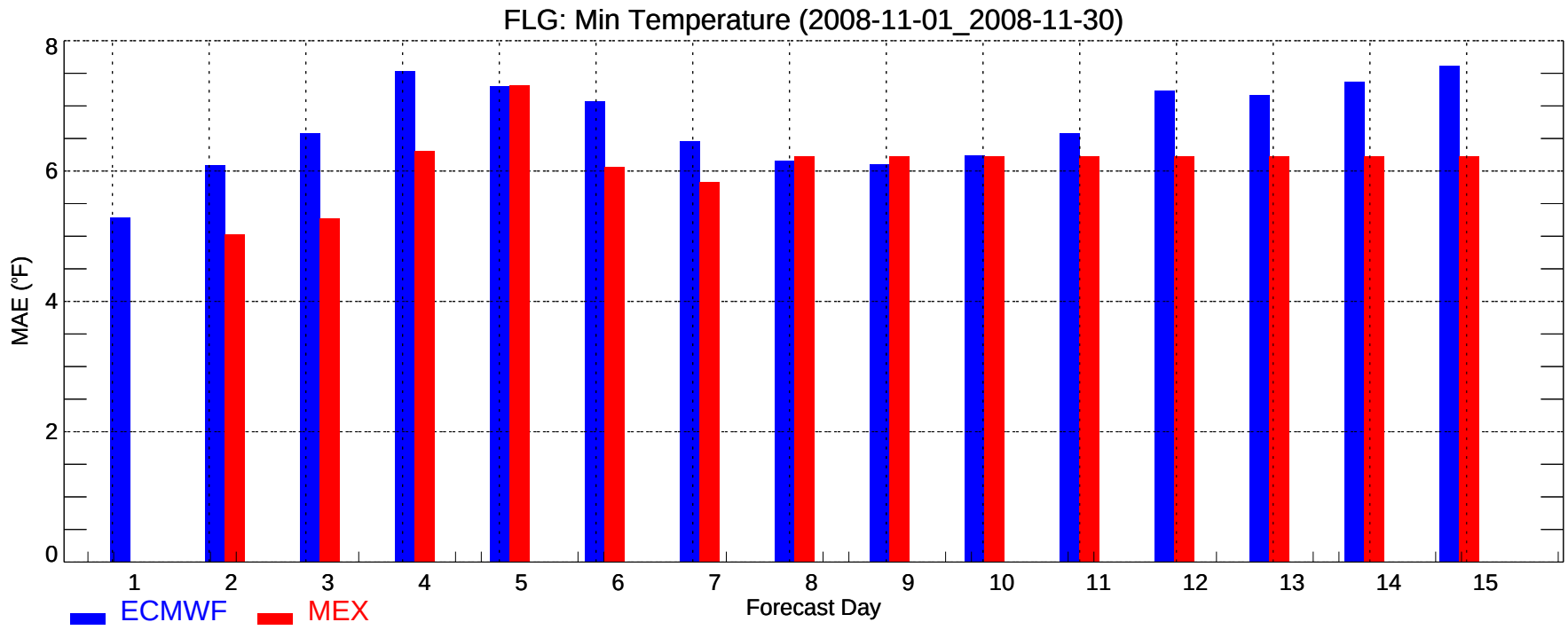
Forecast Day
ECMWF
MEX


FLG: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
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2
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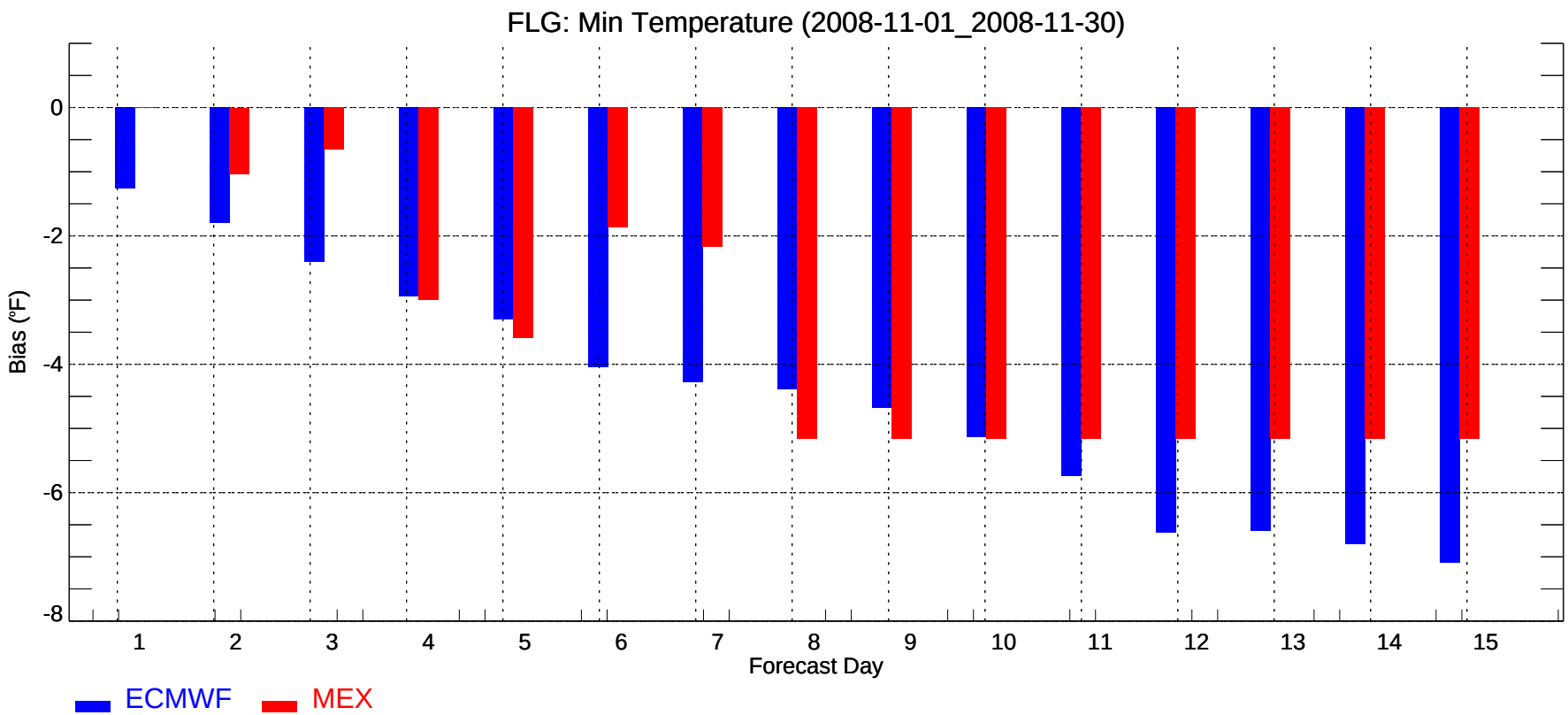
Forecast Day
ECMWF
MEX


FLG: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
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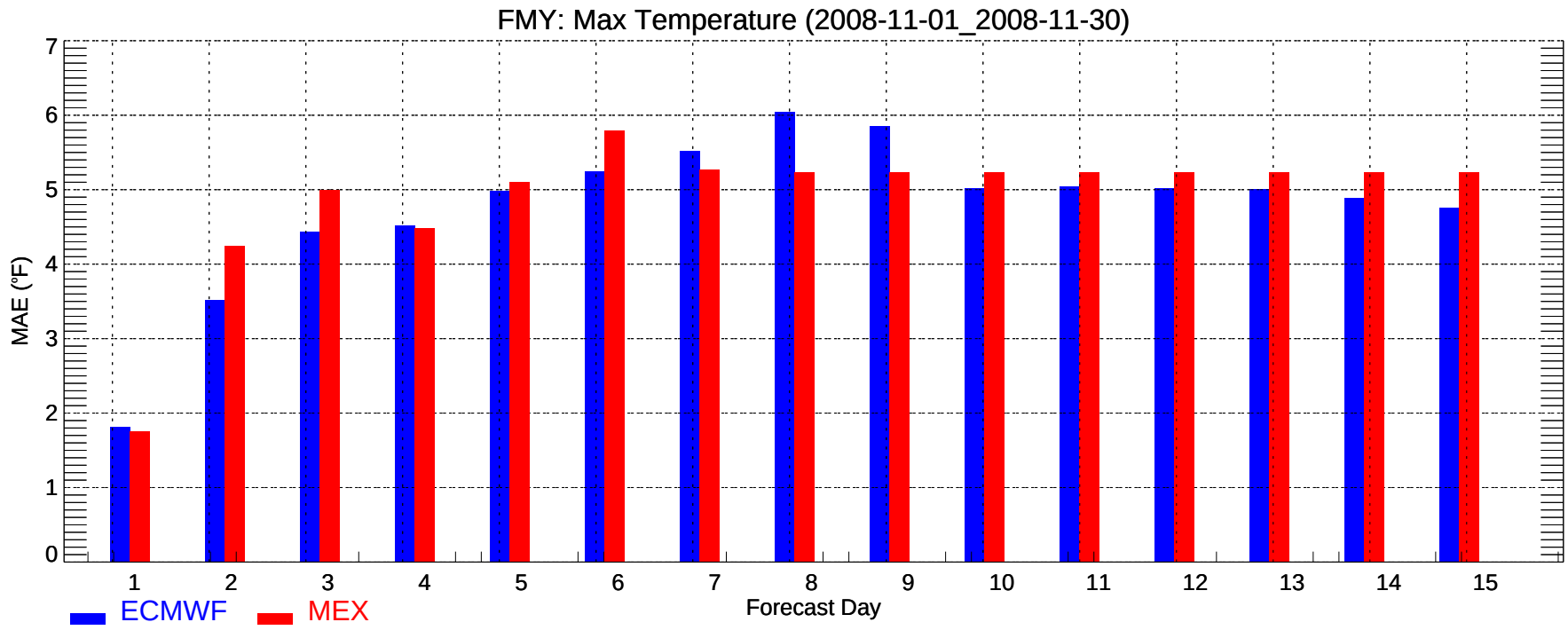
Forecast Day
ECMWF
MEX


FMY: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
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13
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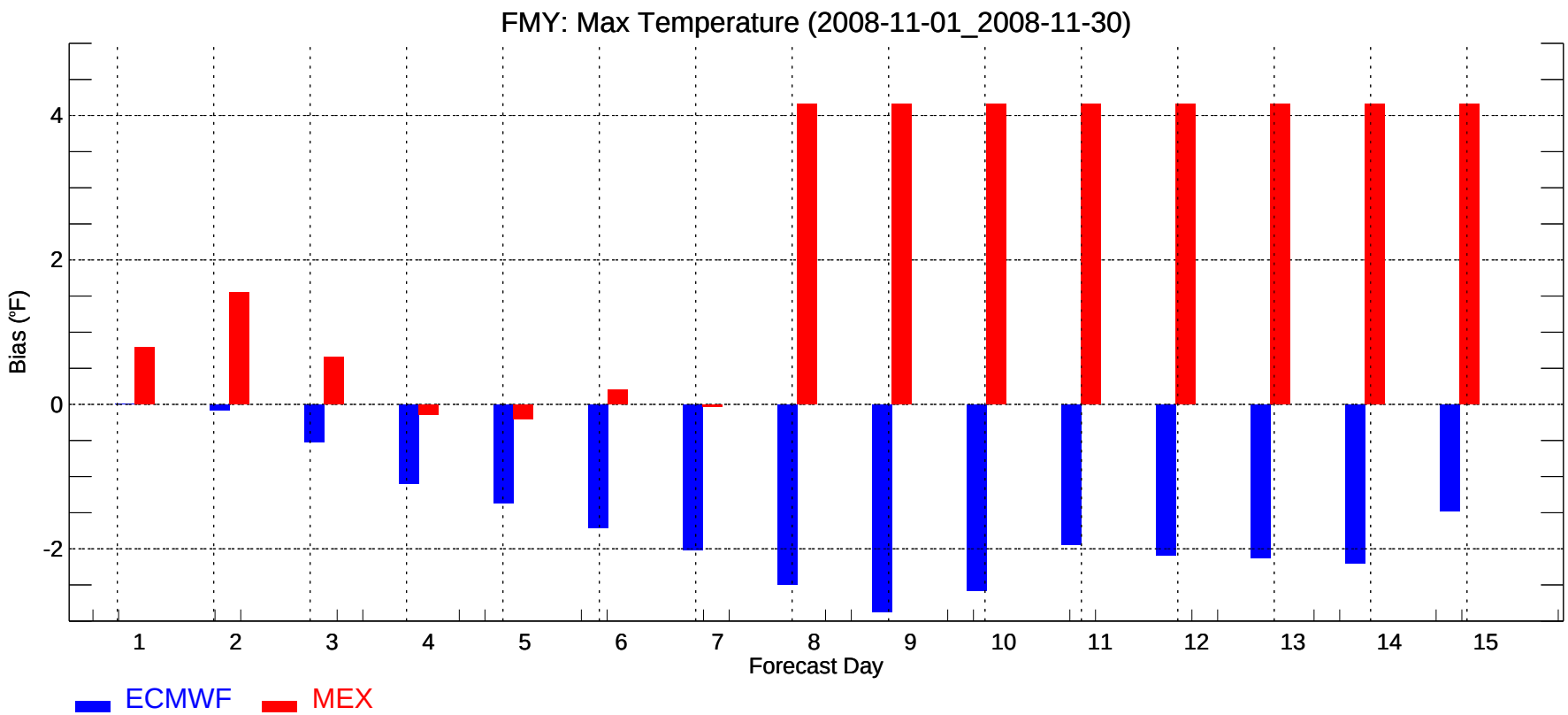
Forecast Day
ECMWF
MEX


FMY: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
-2
0
2
4
1
2
3
4
5
6
7
8
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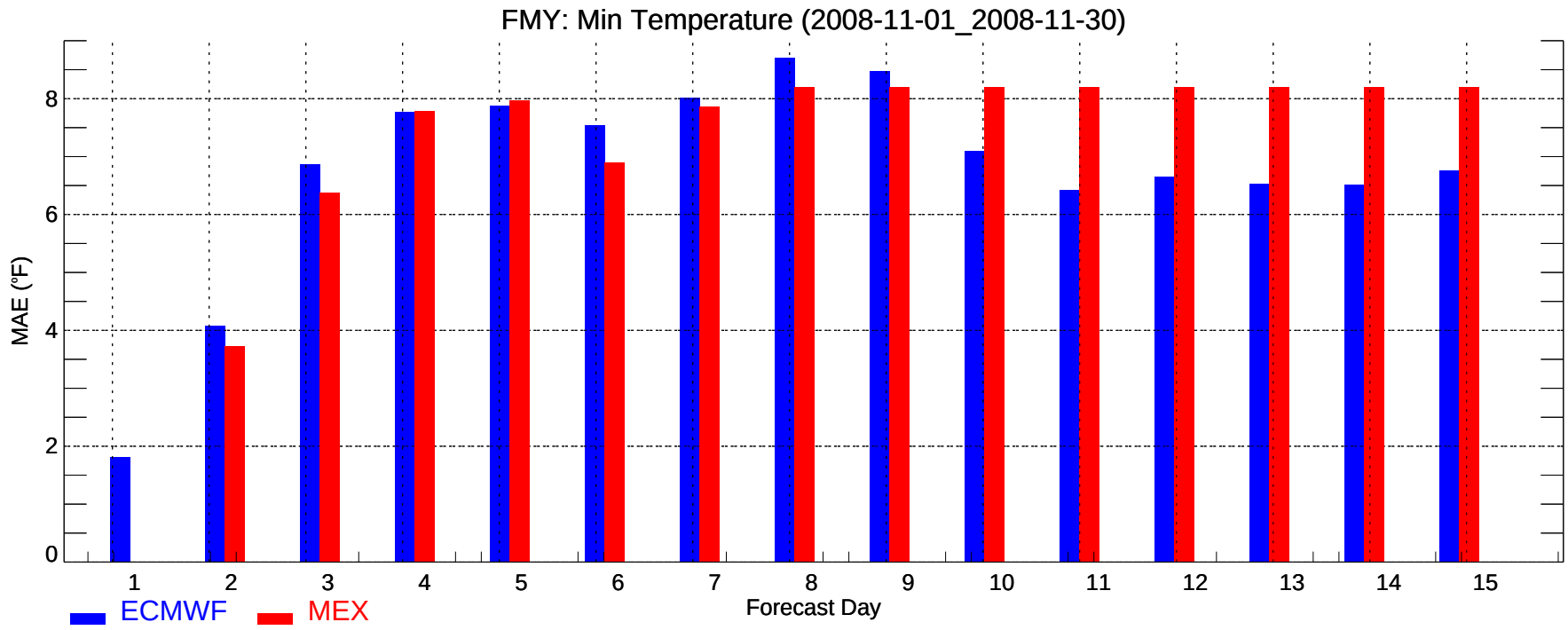
11
12
13
14
15
Forecast Day
ECMWF
MEX


FMY: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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5
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8
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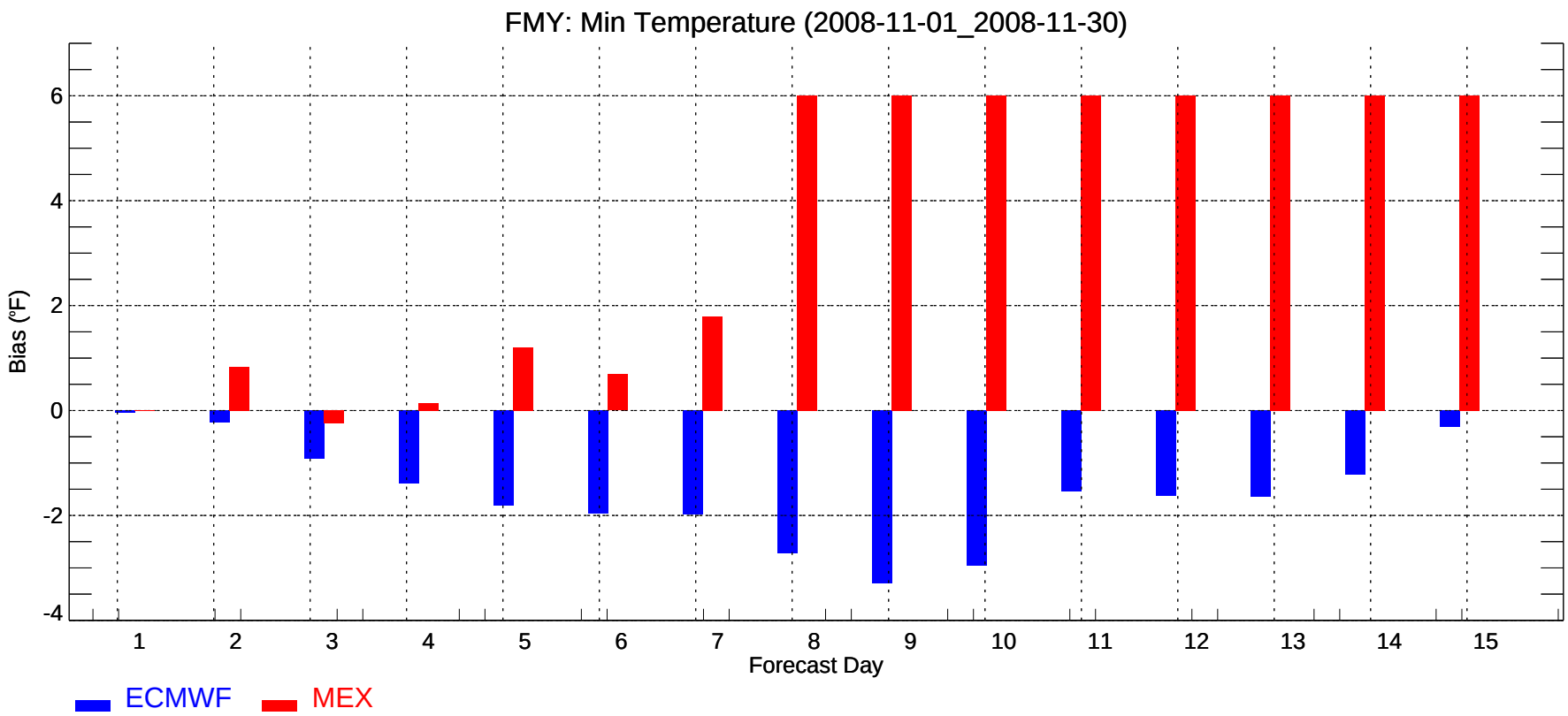
Forecast Day
ECMWF
MEX


FMY: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
-4
-2
0
2
4
6
1
2
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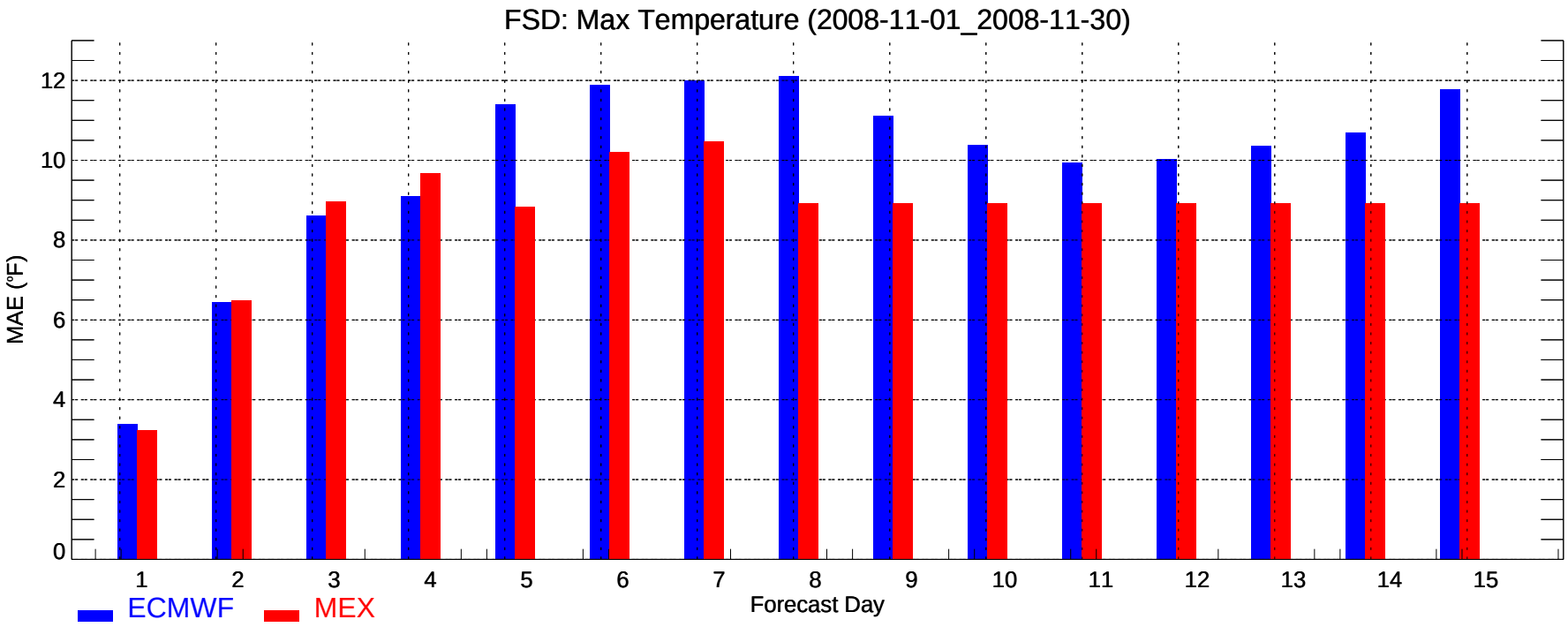
Forecast Day
ECMWF
MEX


FSD: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
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5
6
7
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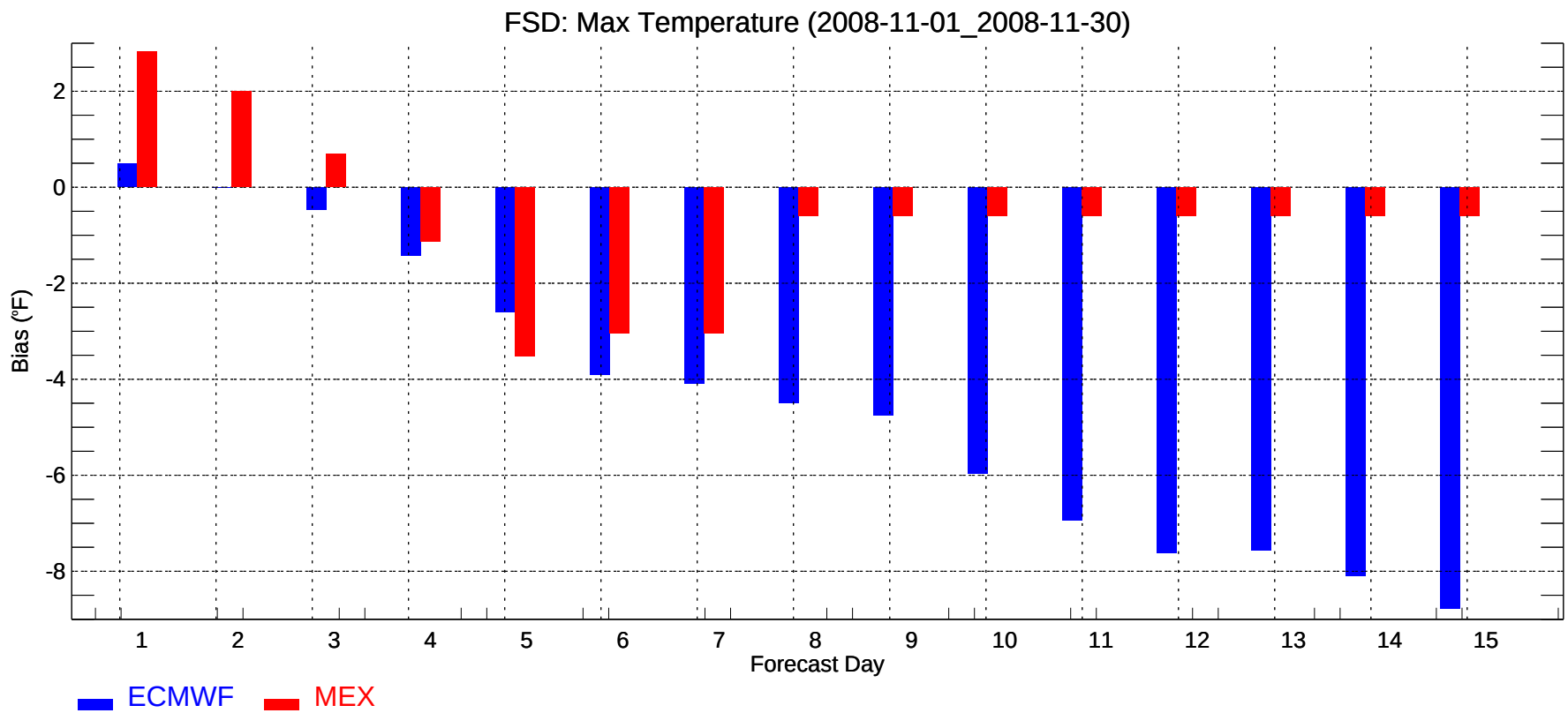
11
12
13
14
15
Forecast Day
ECMWF
MEX


FSD: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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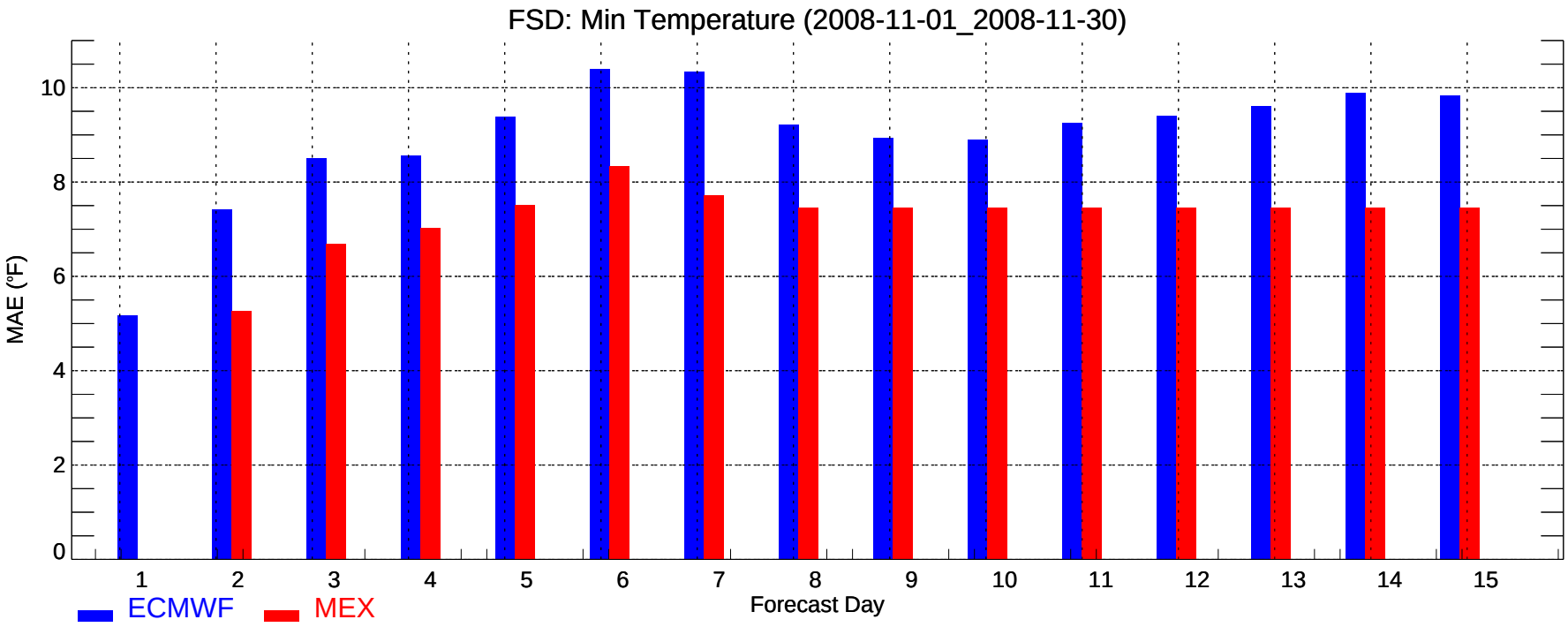
Forecast Day
ECMWF
MEX


FSD: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
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8
10
1
2
3
4
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6
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8
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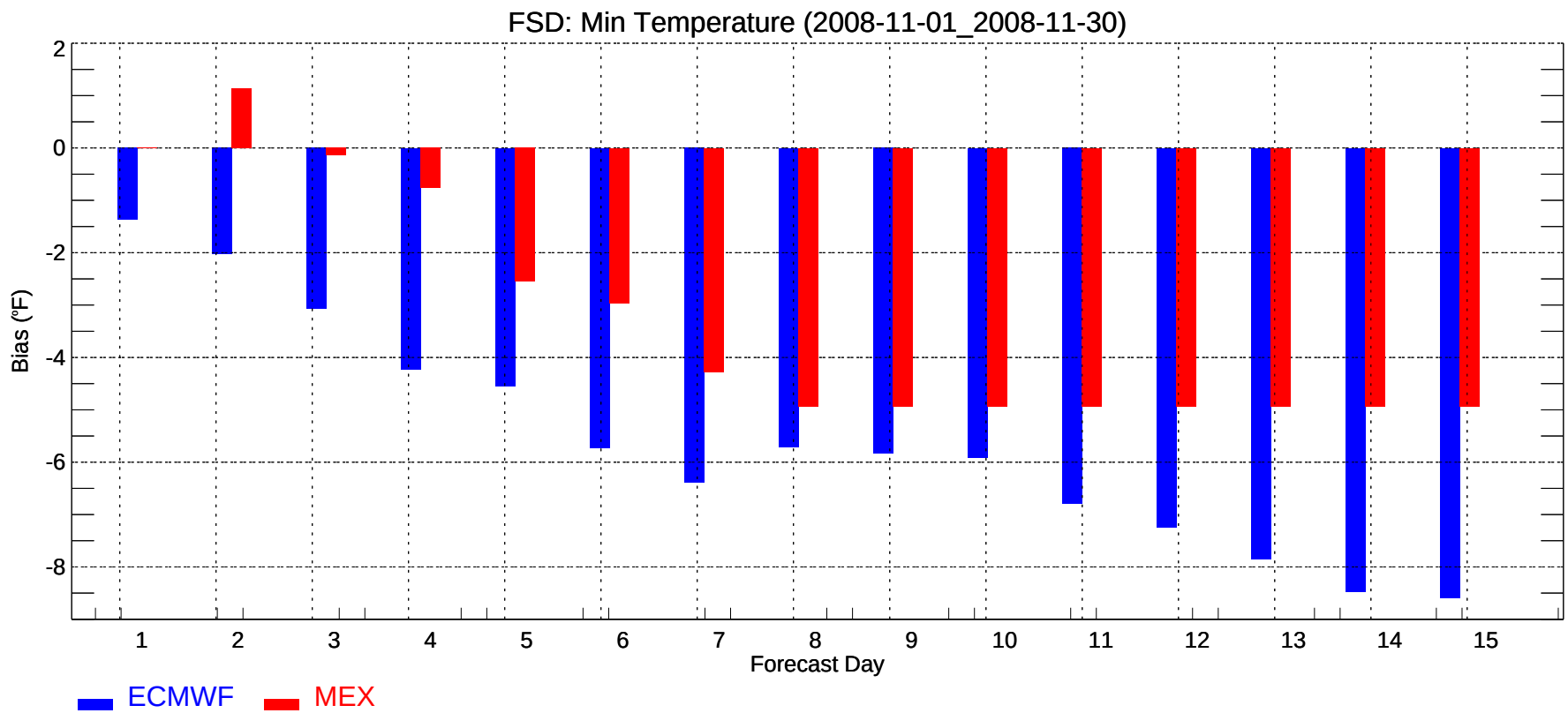
12
13
14
15
Forecast Day
ECMWF
MEX


FSD: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
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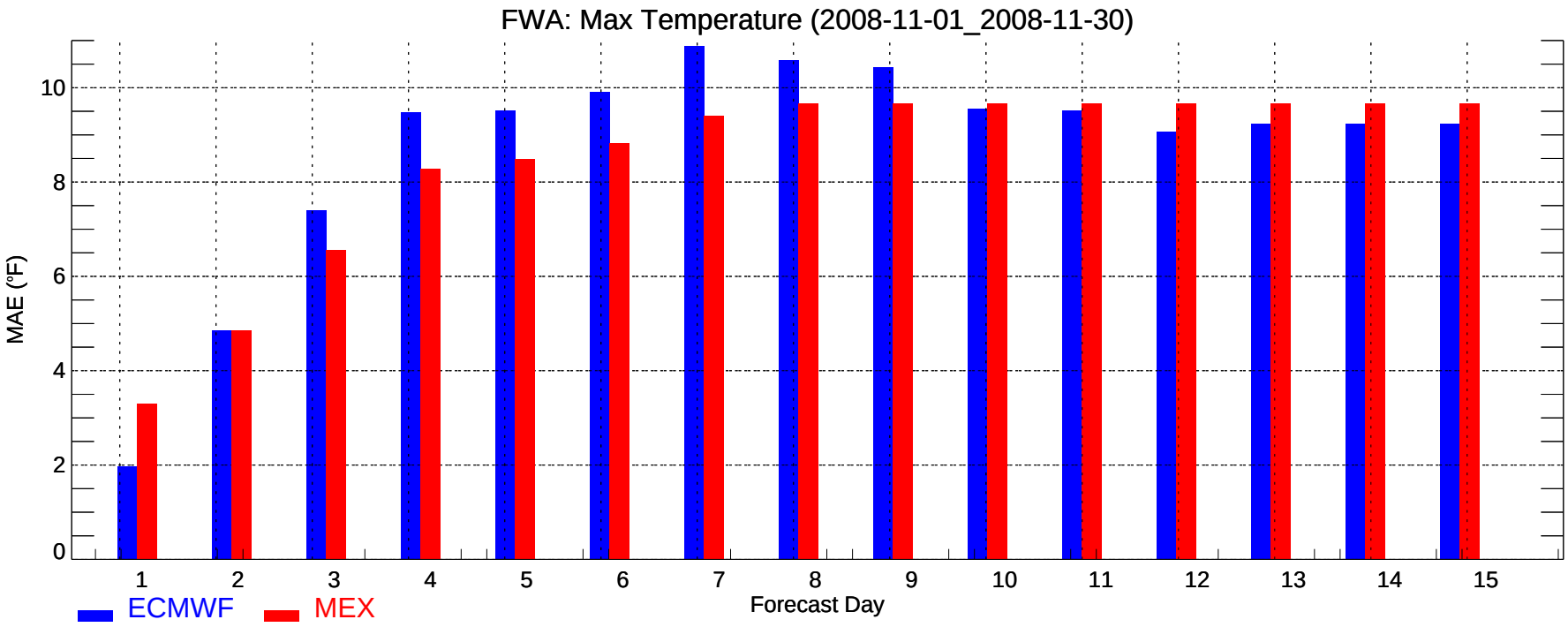
Forecast Day
ECMWF
MEX


FWA: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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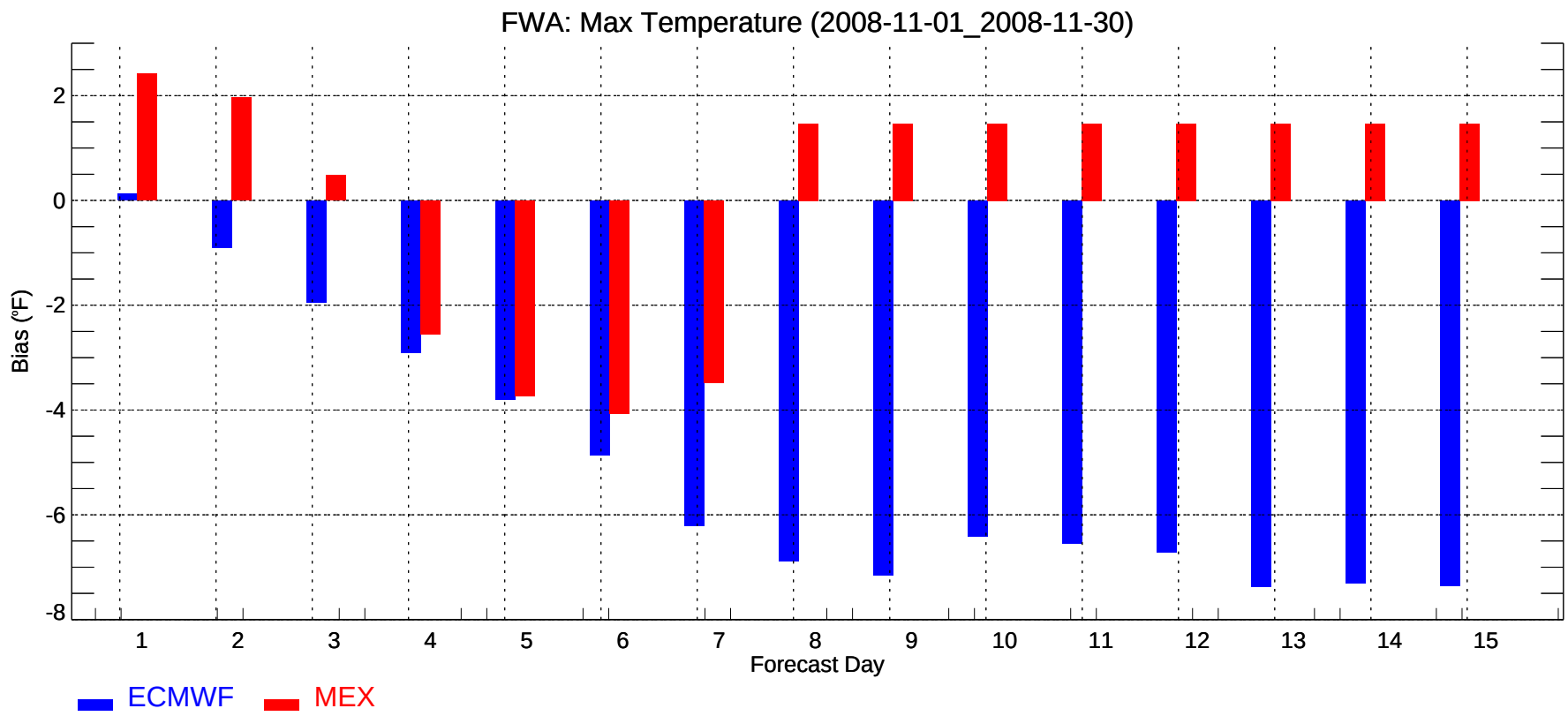
13
14
15
Forecast Day
ECMWF
MEX


FWA: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
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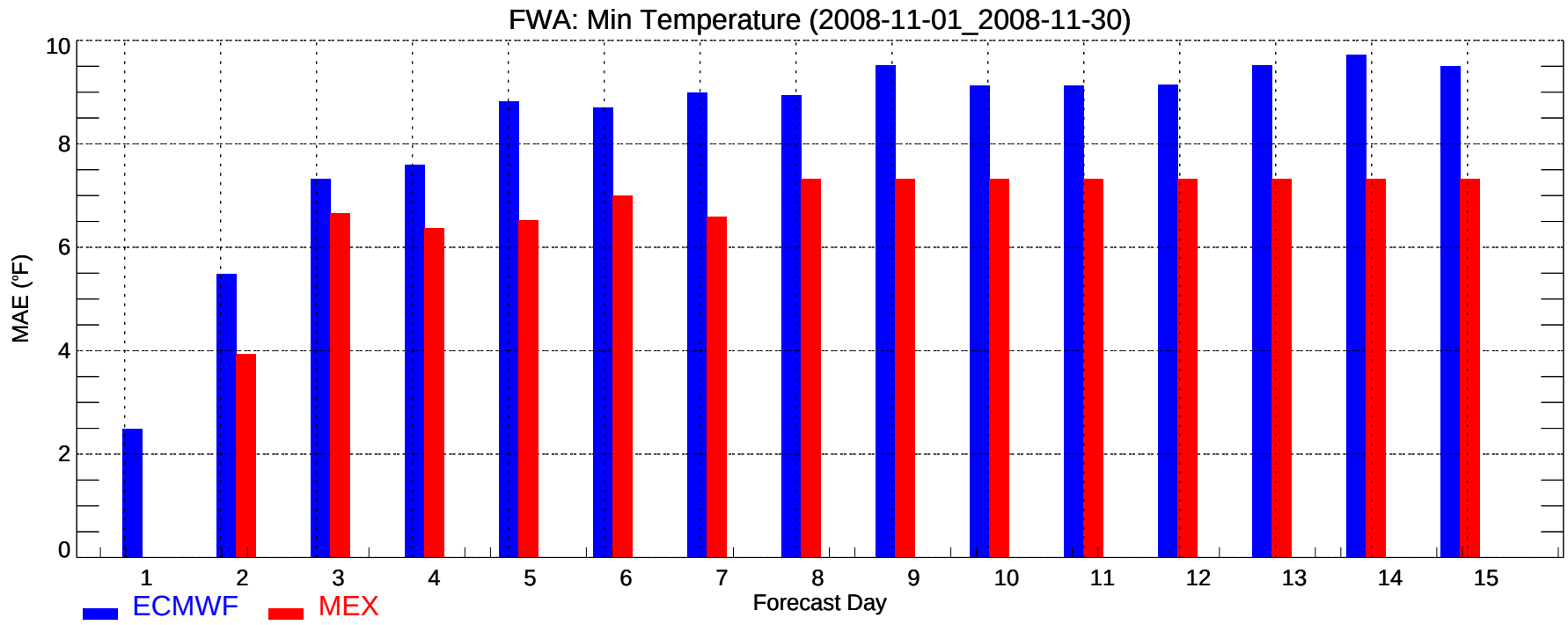
Forecast Day
ECMWF
MEX


FWA: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
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6
7
8
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10
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12
13
14
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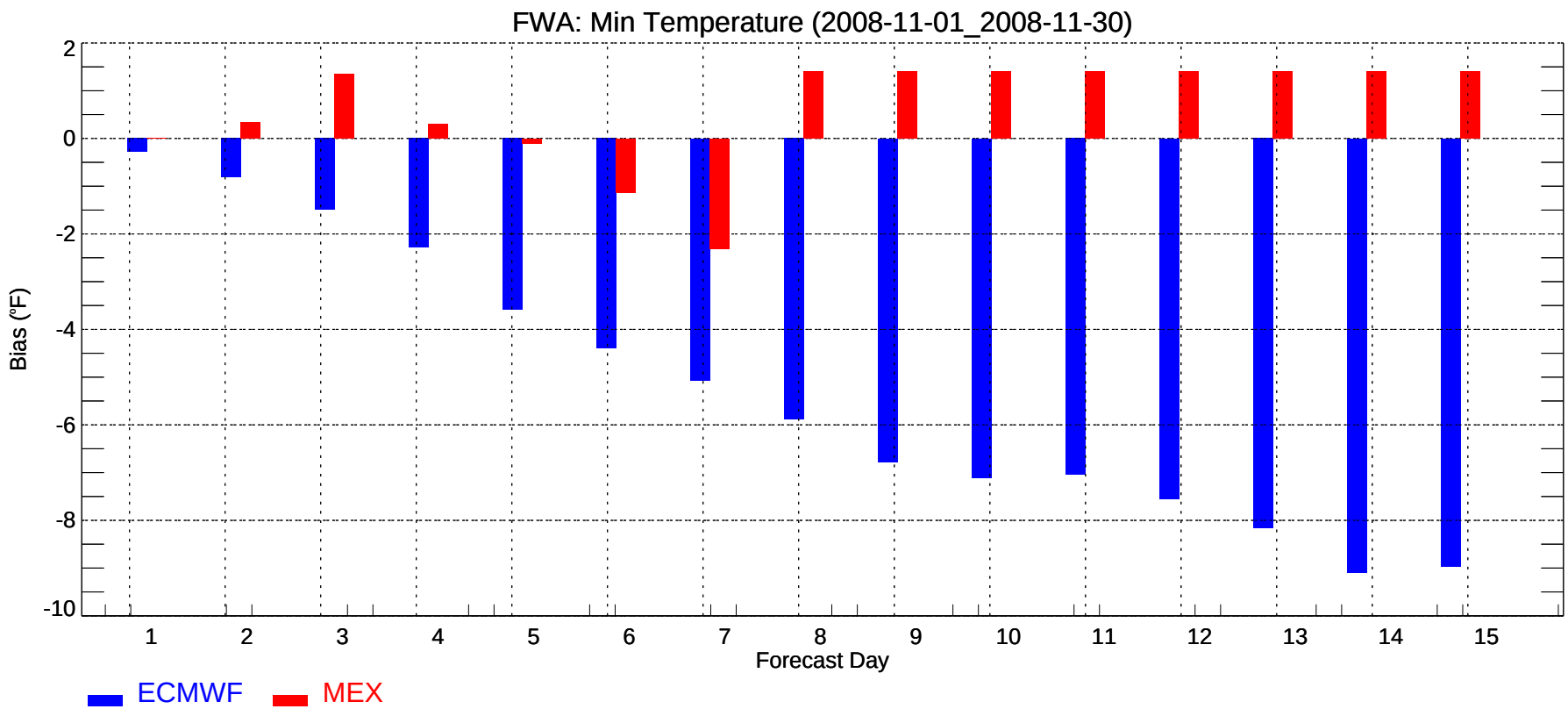
Forecast Day
ECMWF
MEX


FWA: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
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7
8
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13
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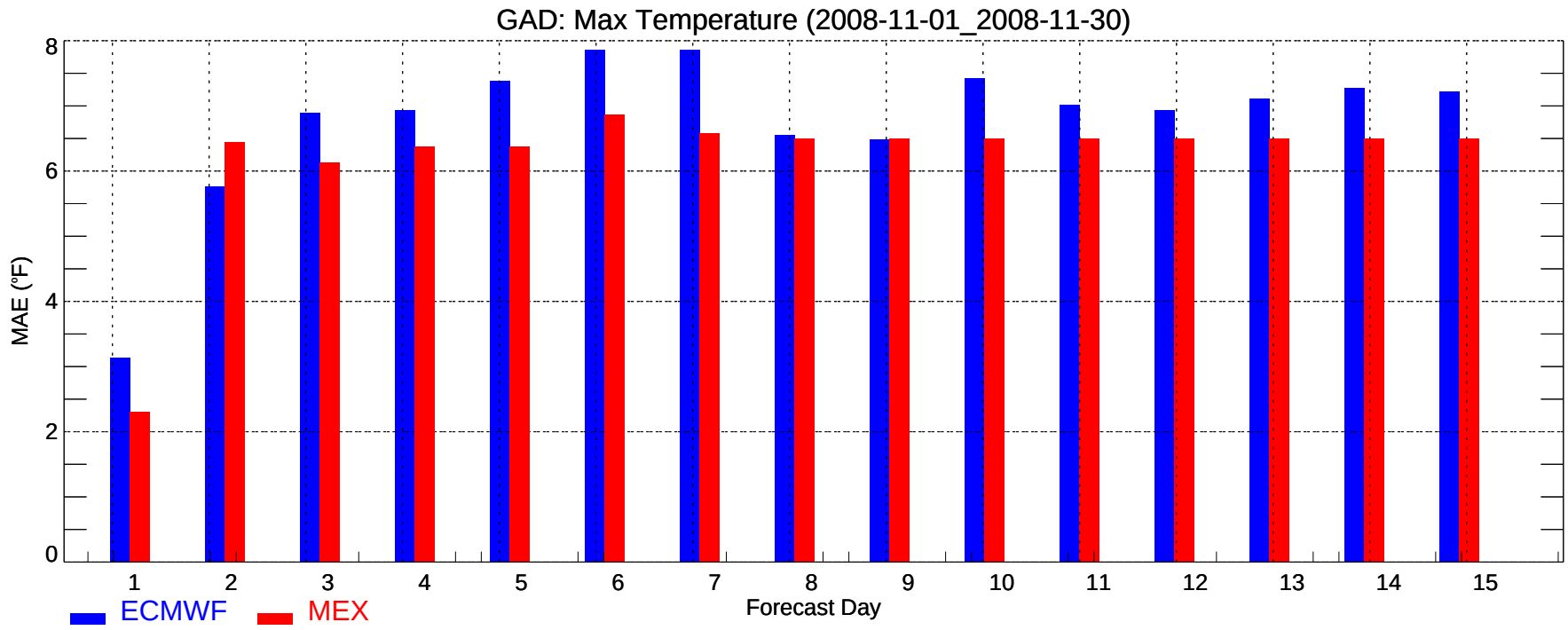
Forecast Day
ECMWF
MEX


GAD: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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6
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8
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10
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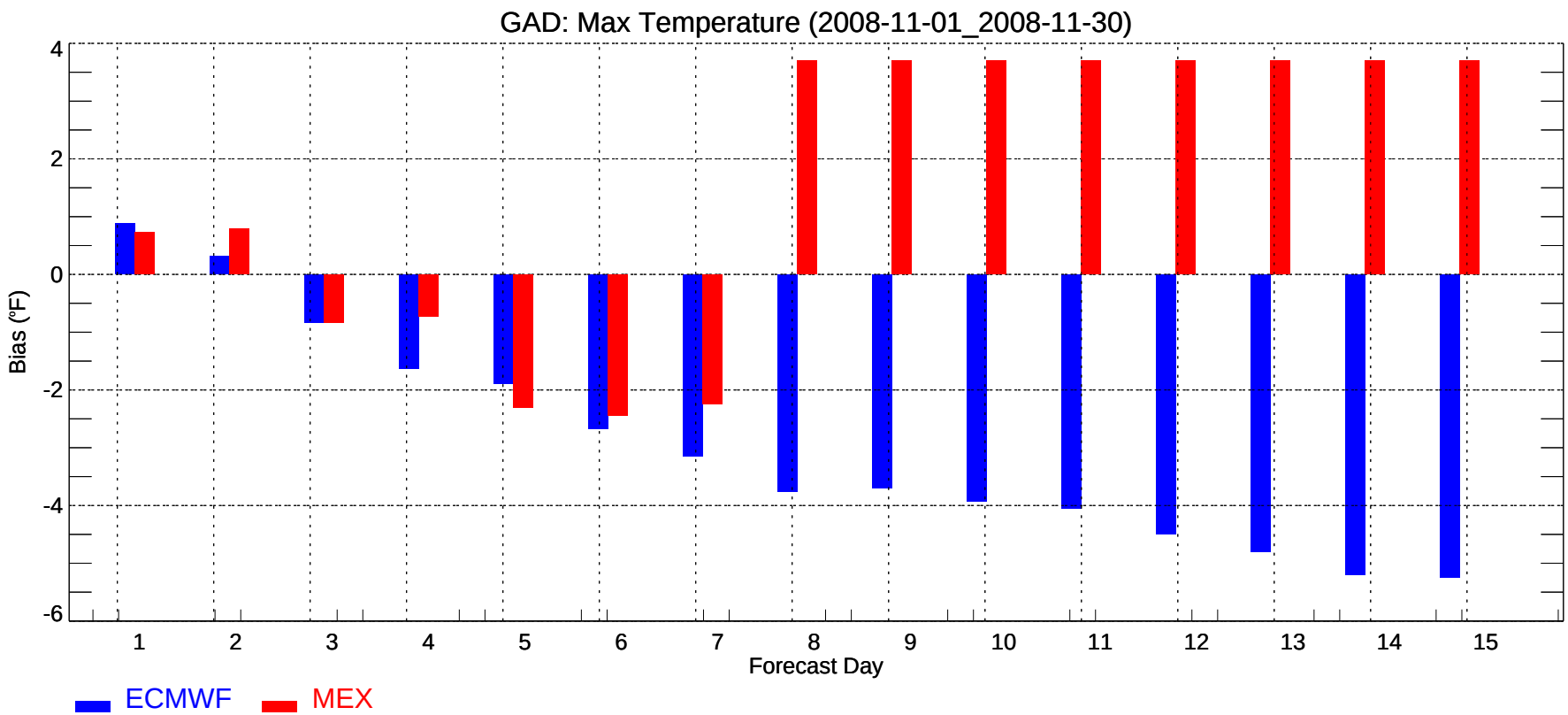
12
13
14
15
Forecast Day
ECMWF
MEX


GAD: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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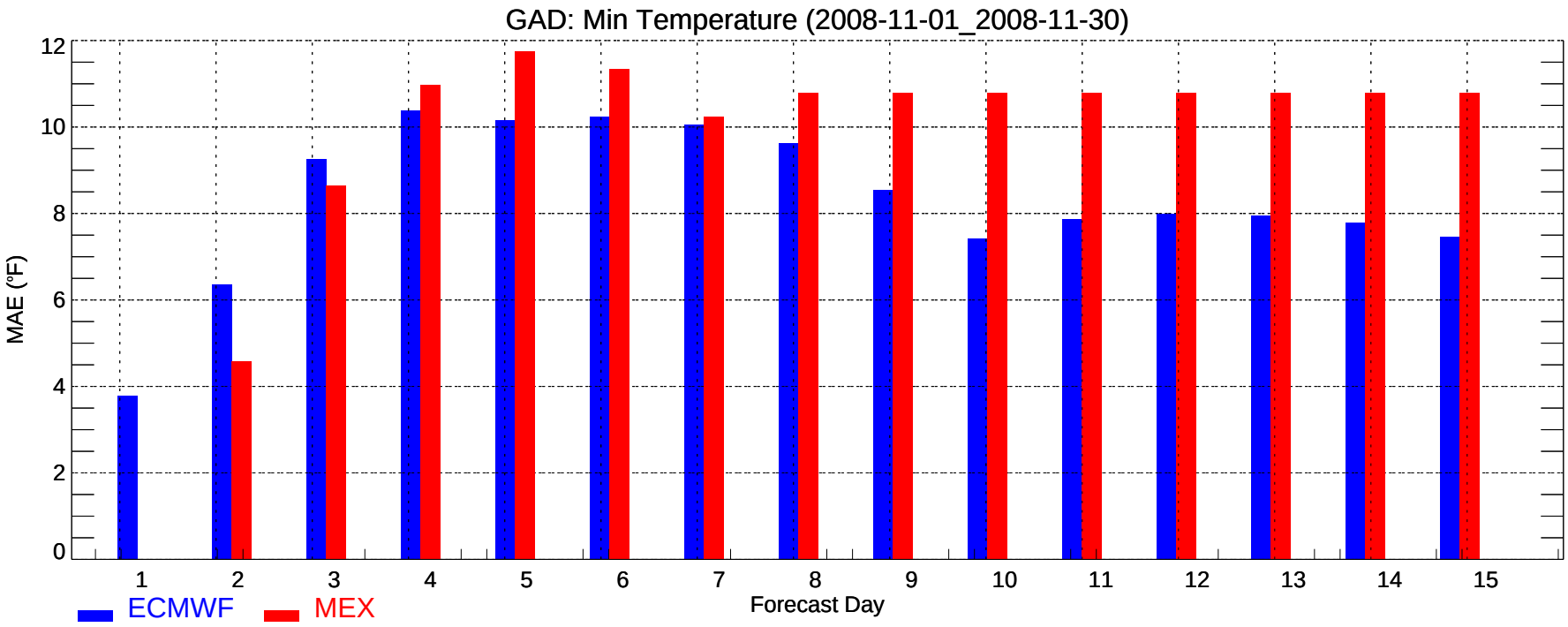
12
13
14
15
Forecast Day
ECMWF
MEX


GAD: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
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6
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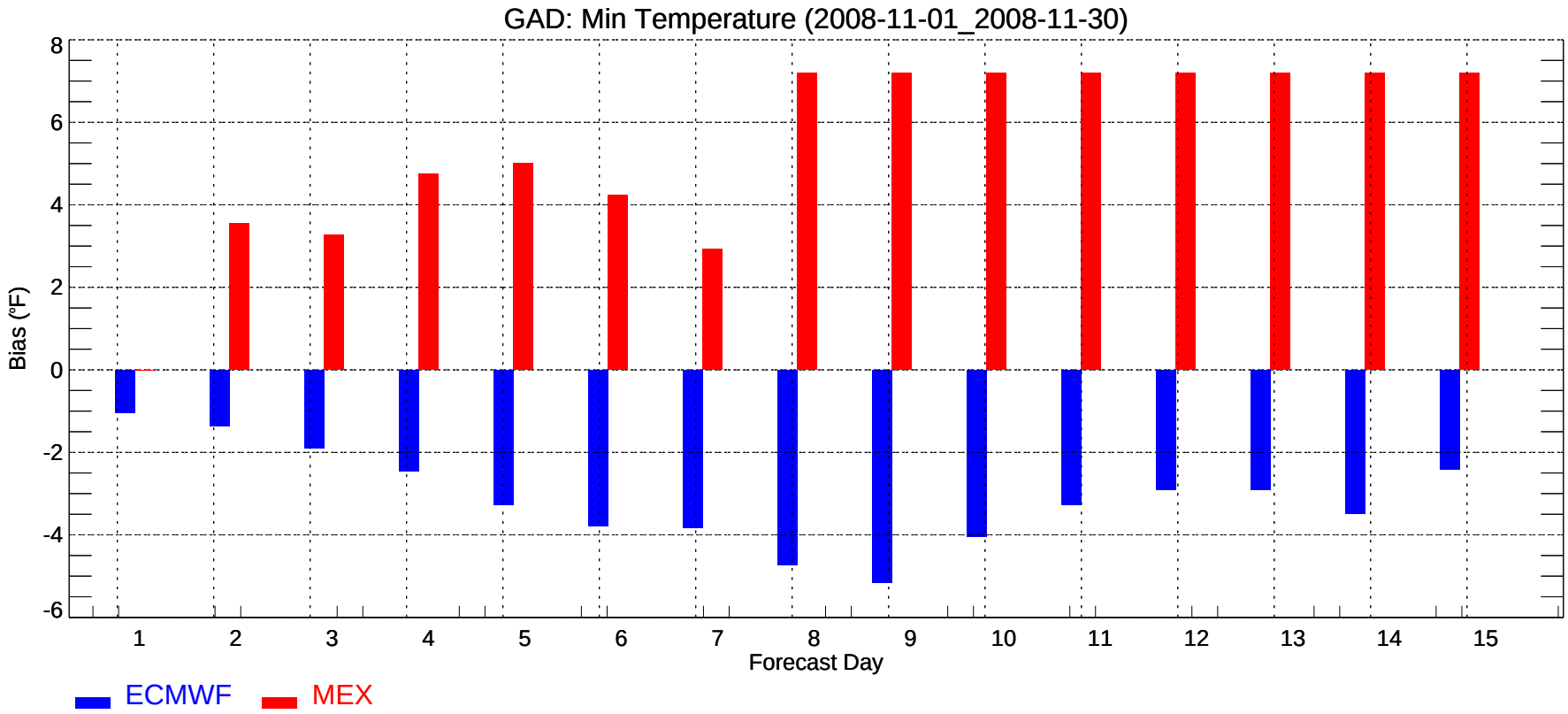
Forecast Day
ECMWF
MEX


GAD: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
8
6
4
2
0
-2
-4
-6
1
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13
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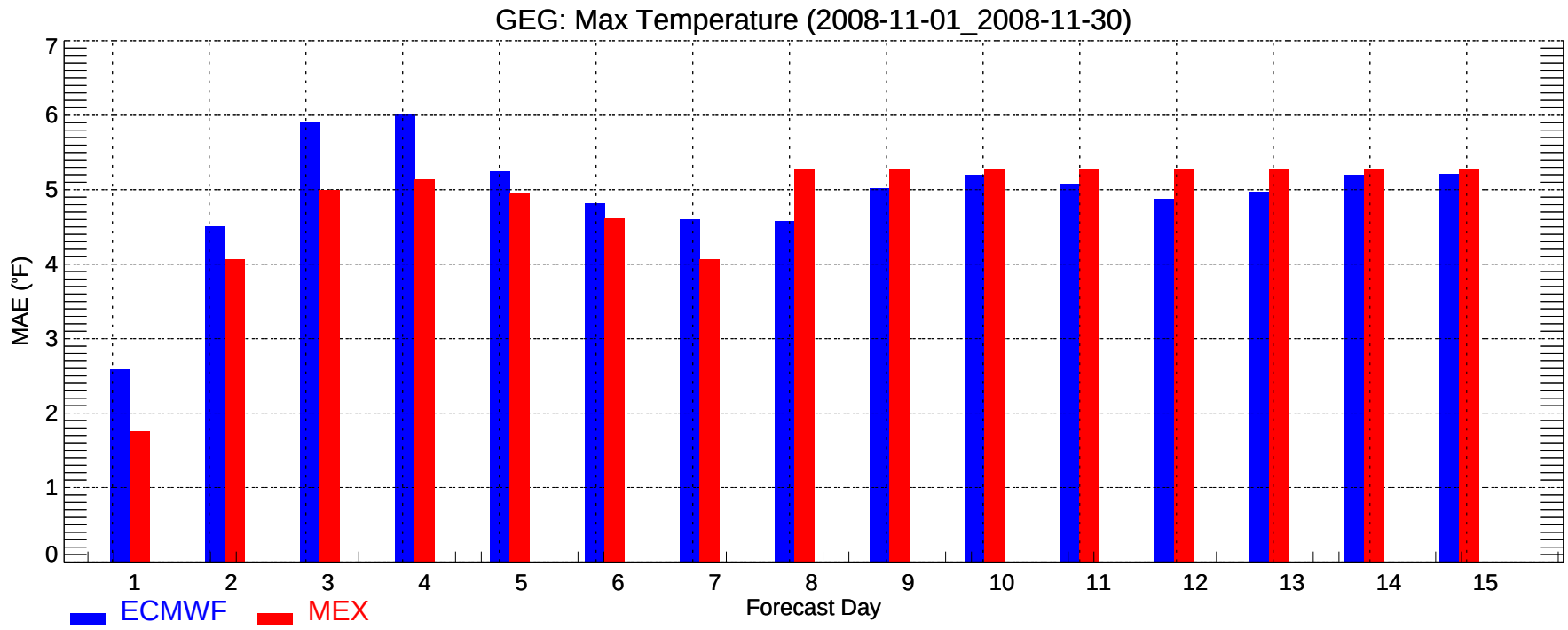
Forecast Day
ECMWF
MEX


GEG: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
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1
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8
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11
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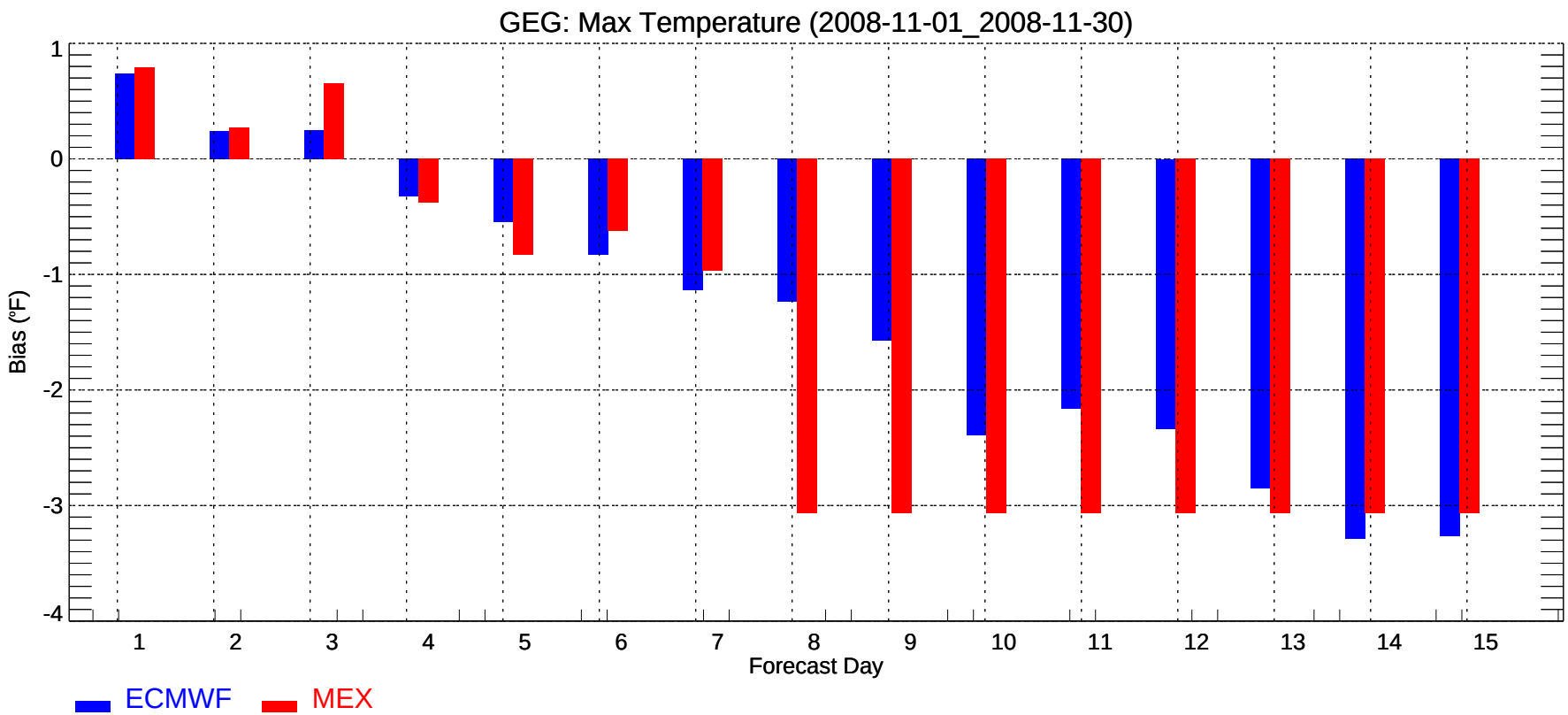
13
14
15
Forecast Day
ECMWF
MEX


GEG: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
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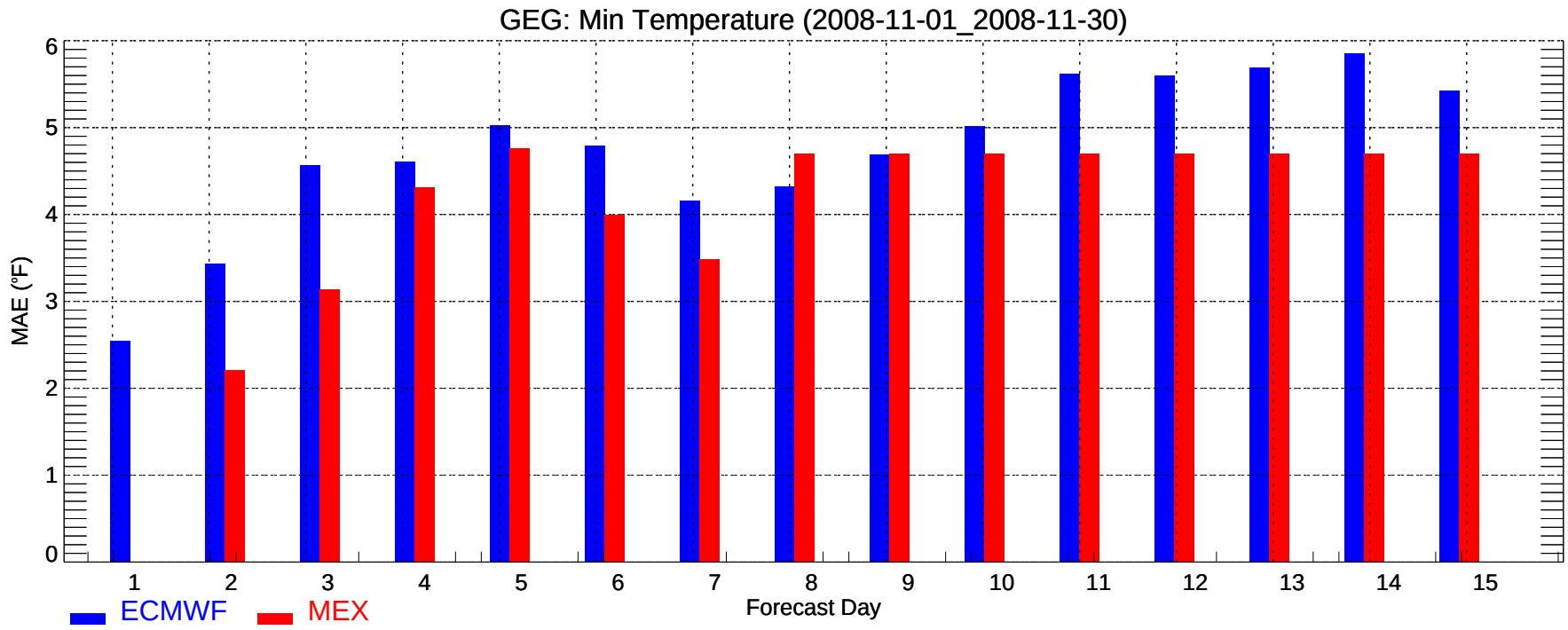
Forecast Day
ECMWF
MEX


GEG: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
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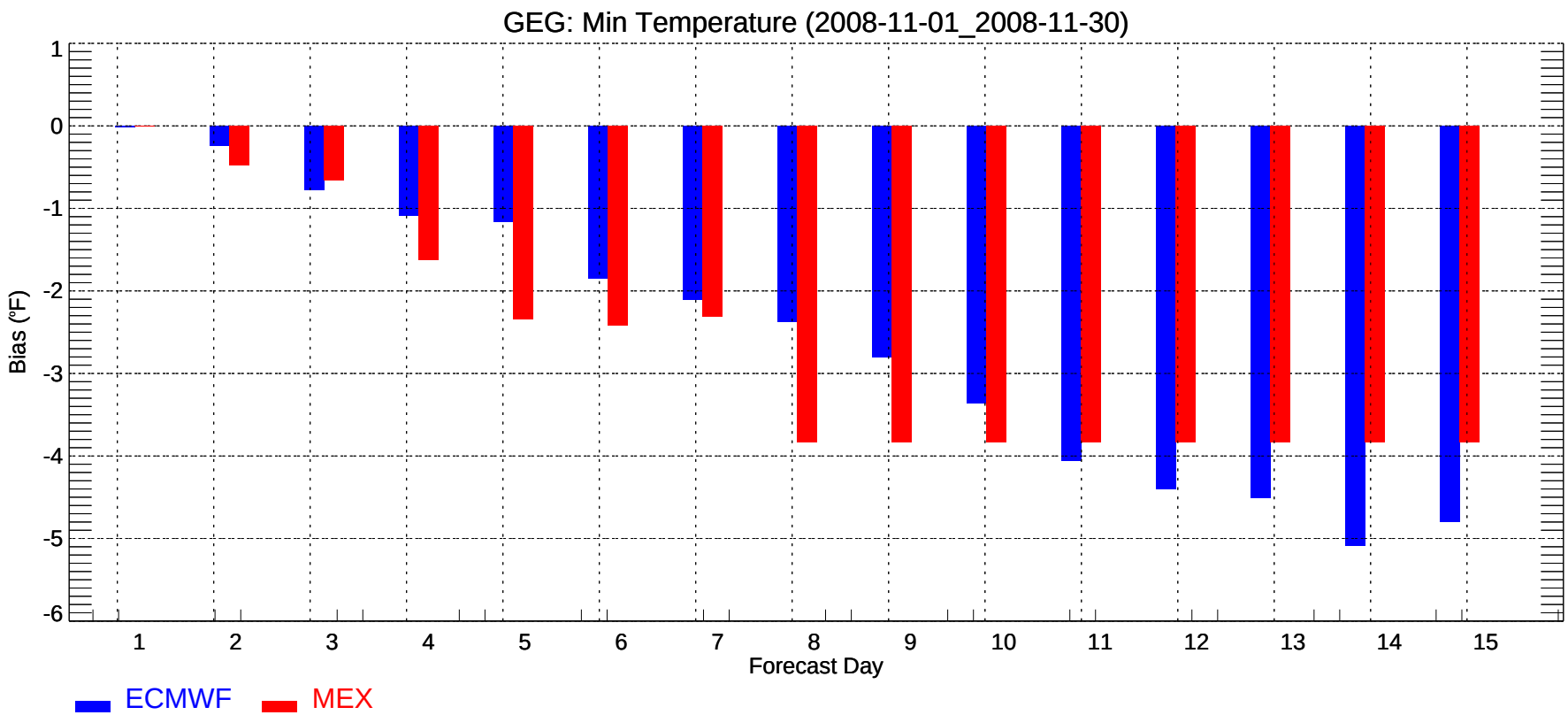
Forecast Day
ECMWF
MEX


GEG: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
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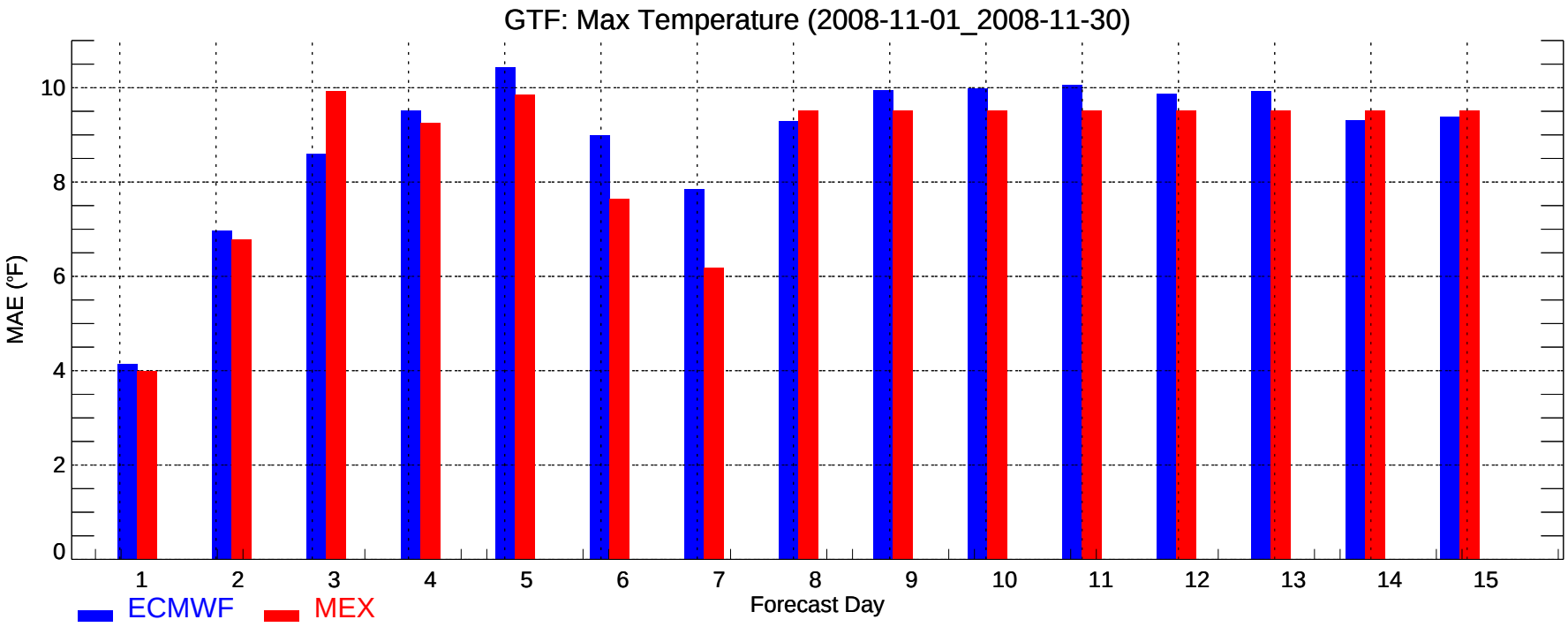
Forecast Day
ECMWF
MEX


GTF: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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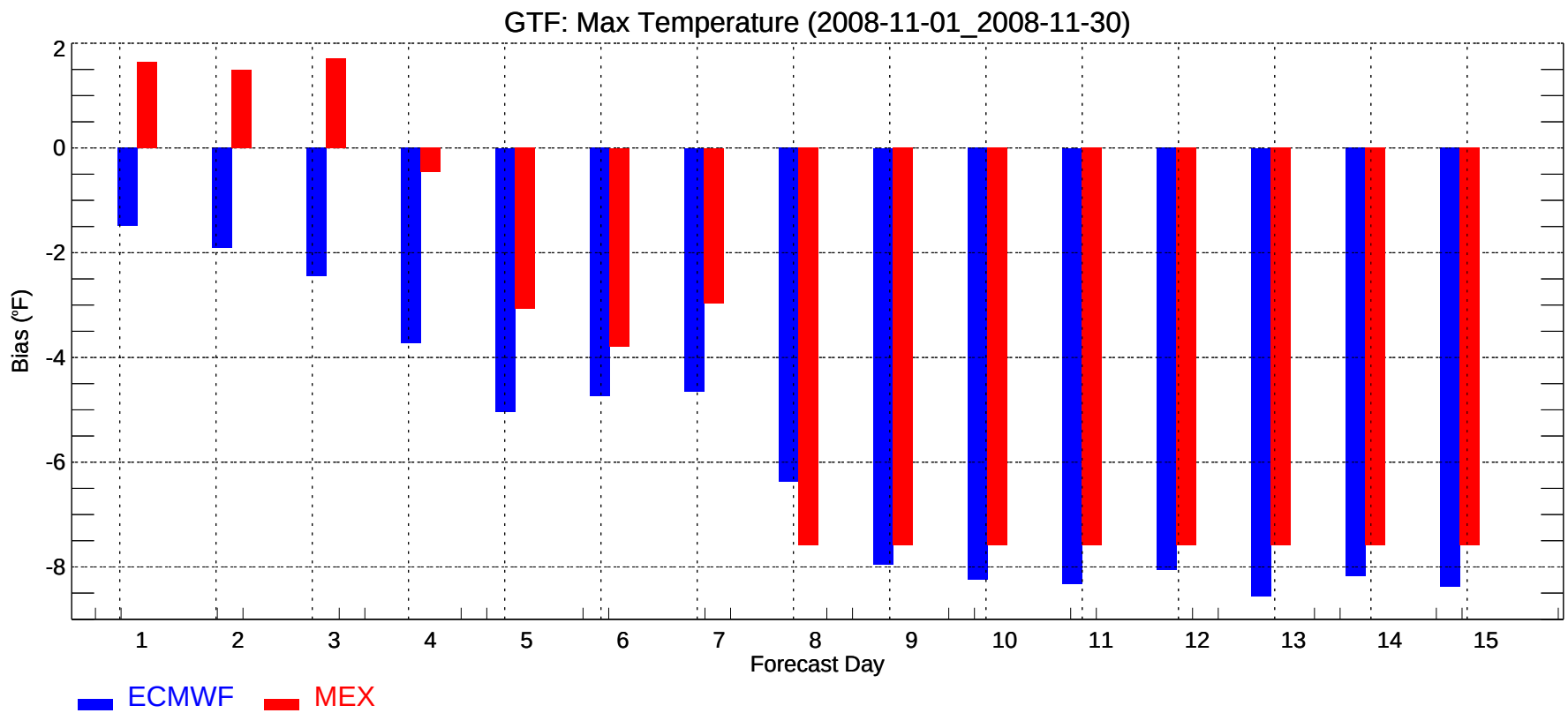
Forecast Day
ECMWF
MEX


GTF: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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-2
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-6
-8
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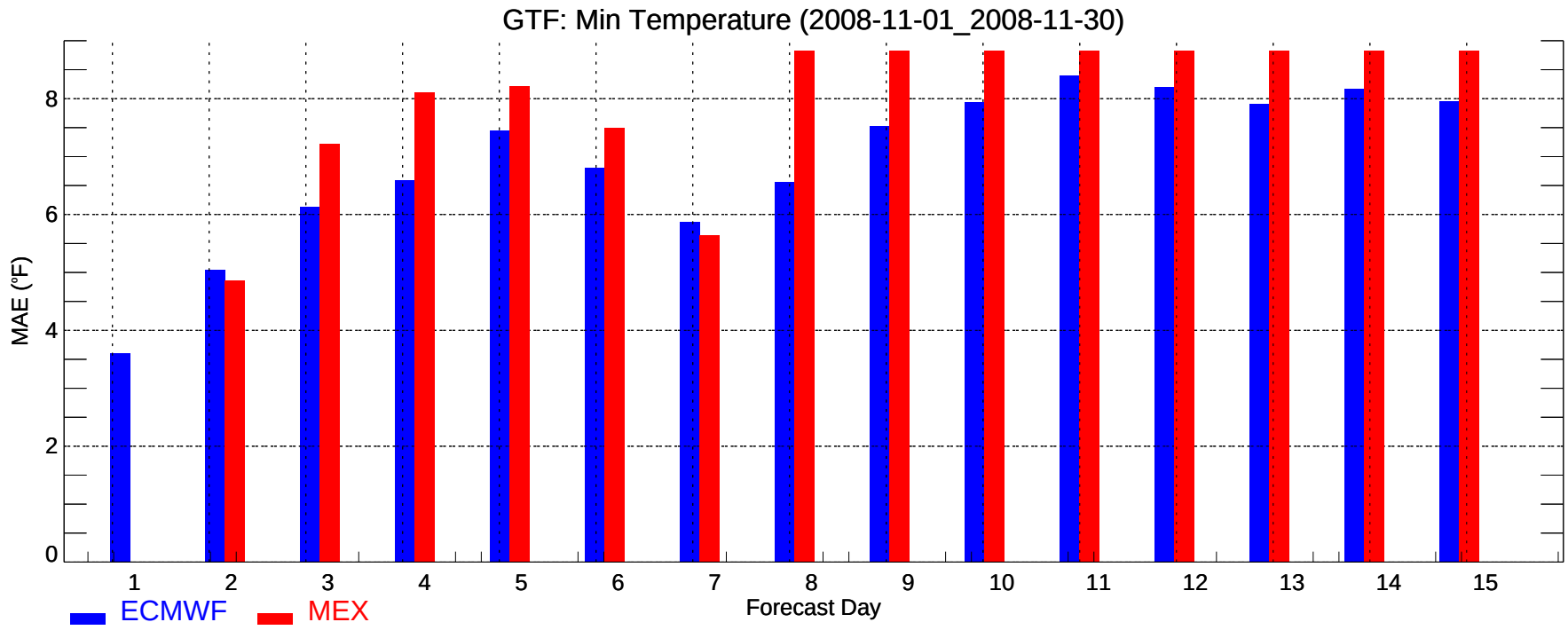
Forecast Day
ECMWF
MEX


GTF: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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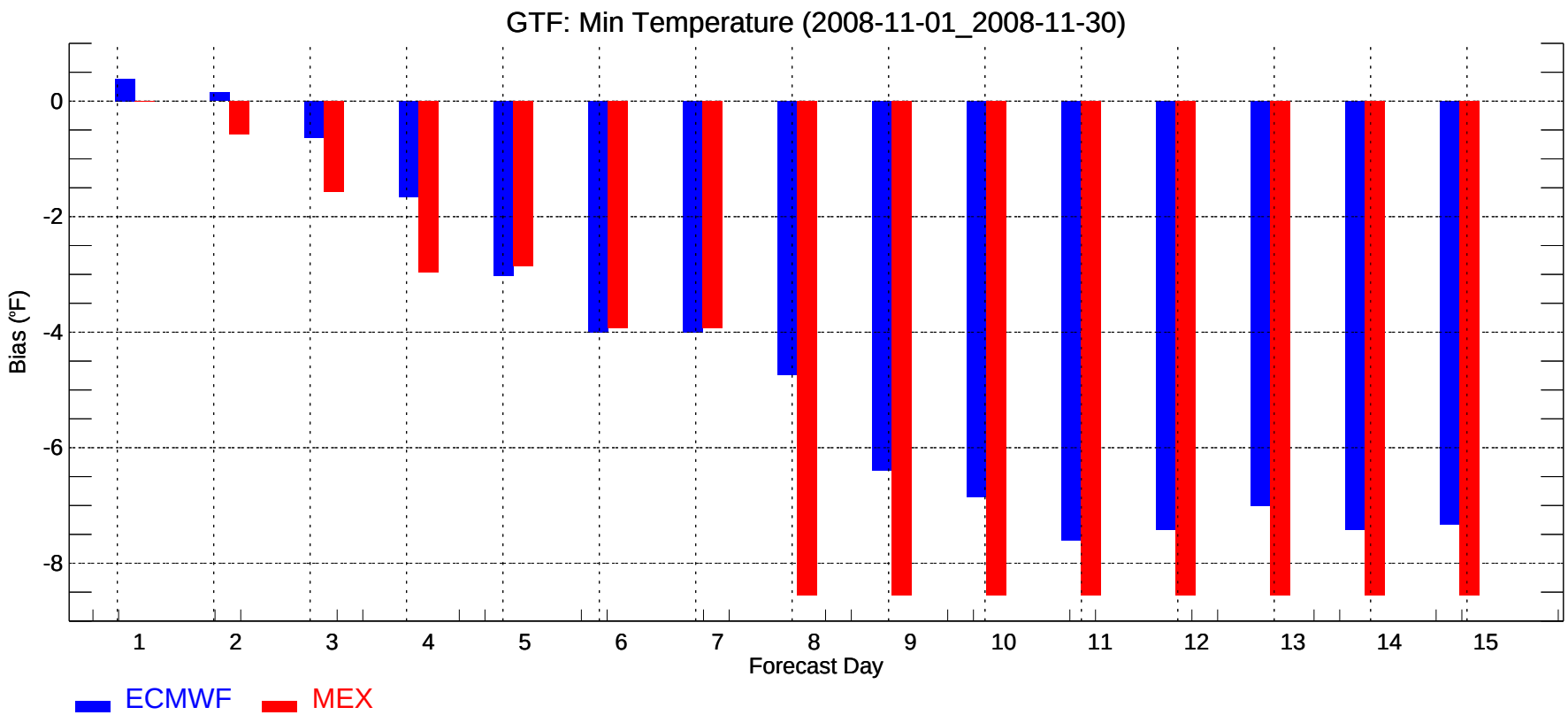
Forecast Day
ECMWF
MEX


GTF: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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-6
-8
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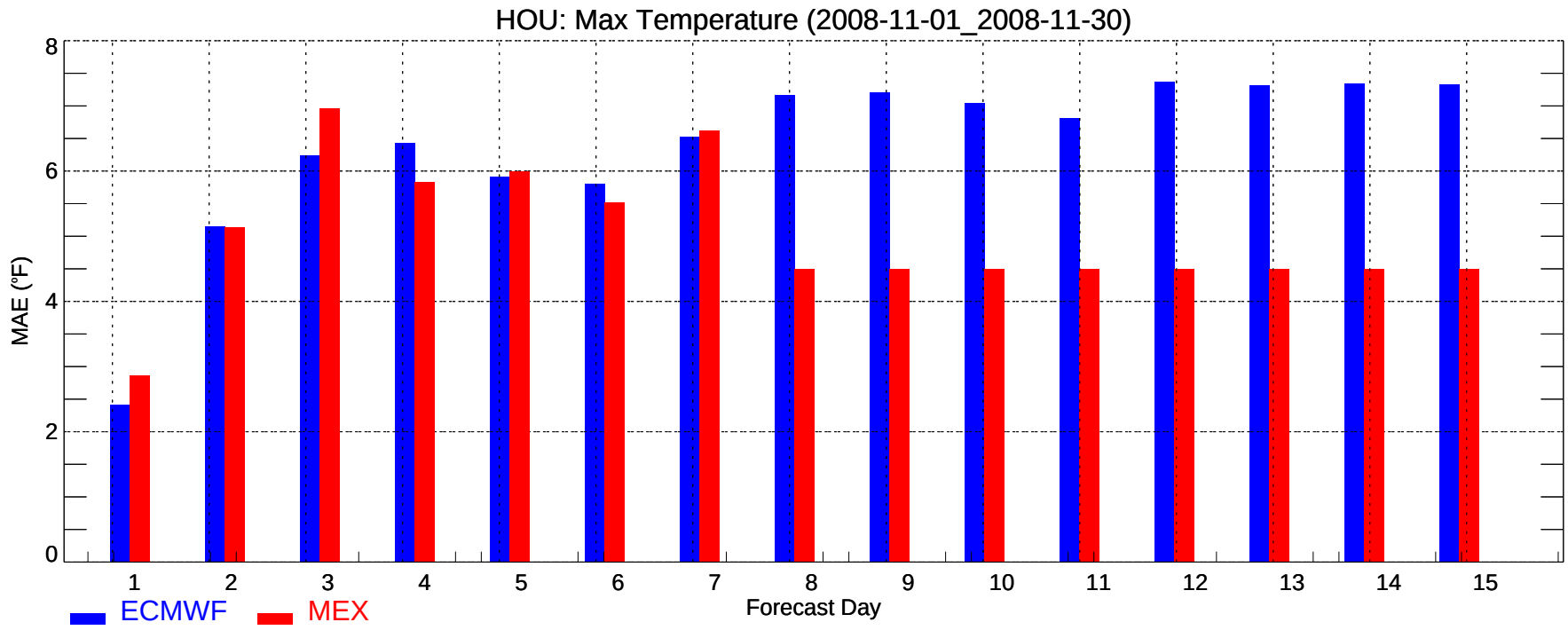
Forecast Day
ECMWF
MEX


HOU: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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1
2
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13
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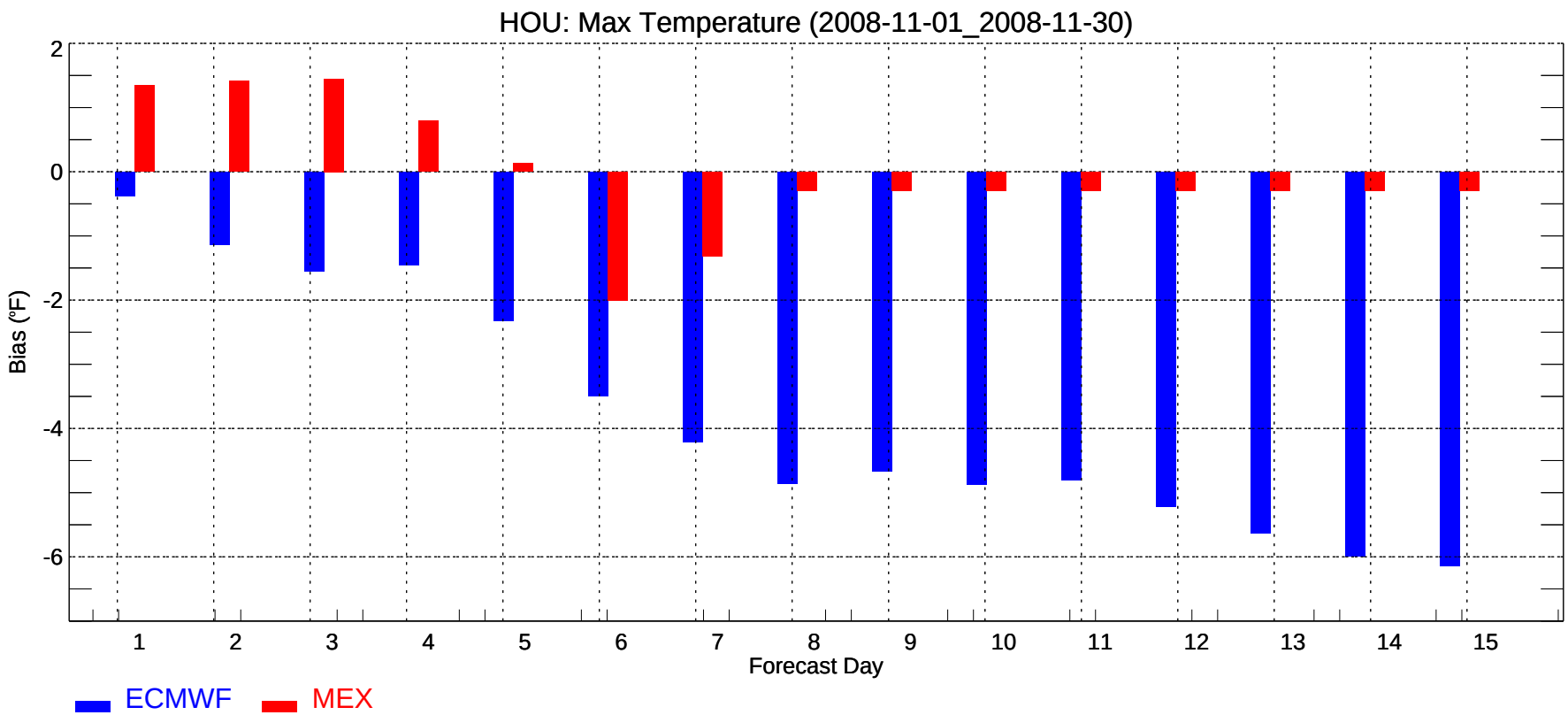
15
Forecast Day
ECMWF
MEX


HOU: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
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-2
-4
-6
1
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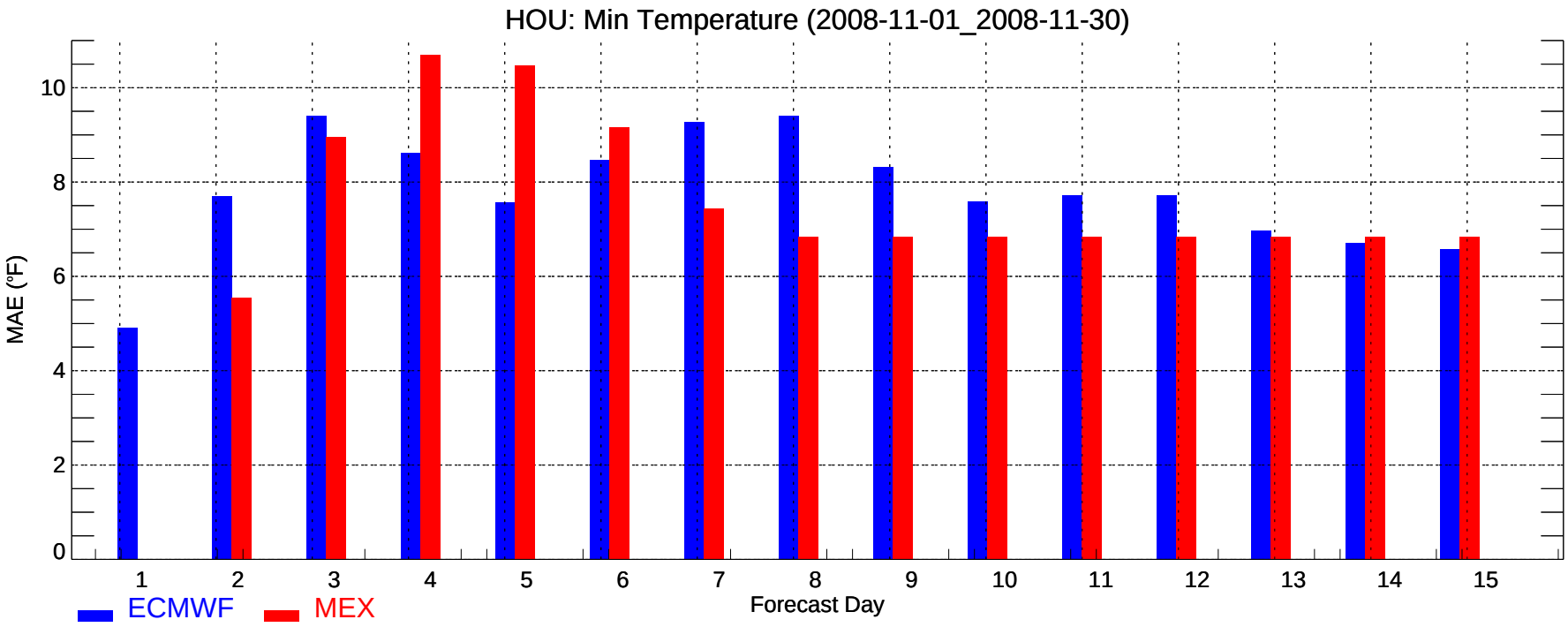
Forecast Day
ECMWF
MEX


HOU: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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1
2
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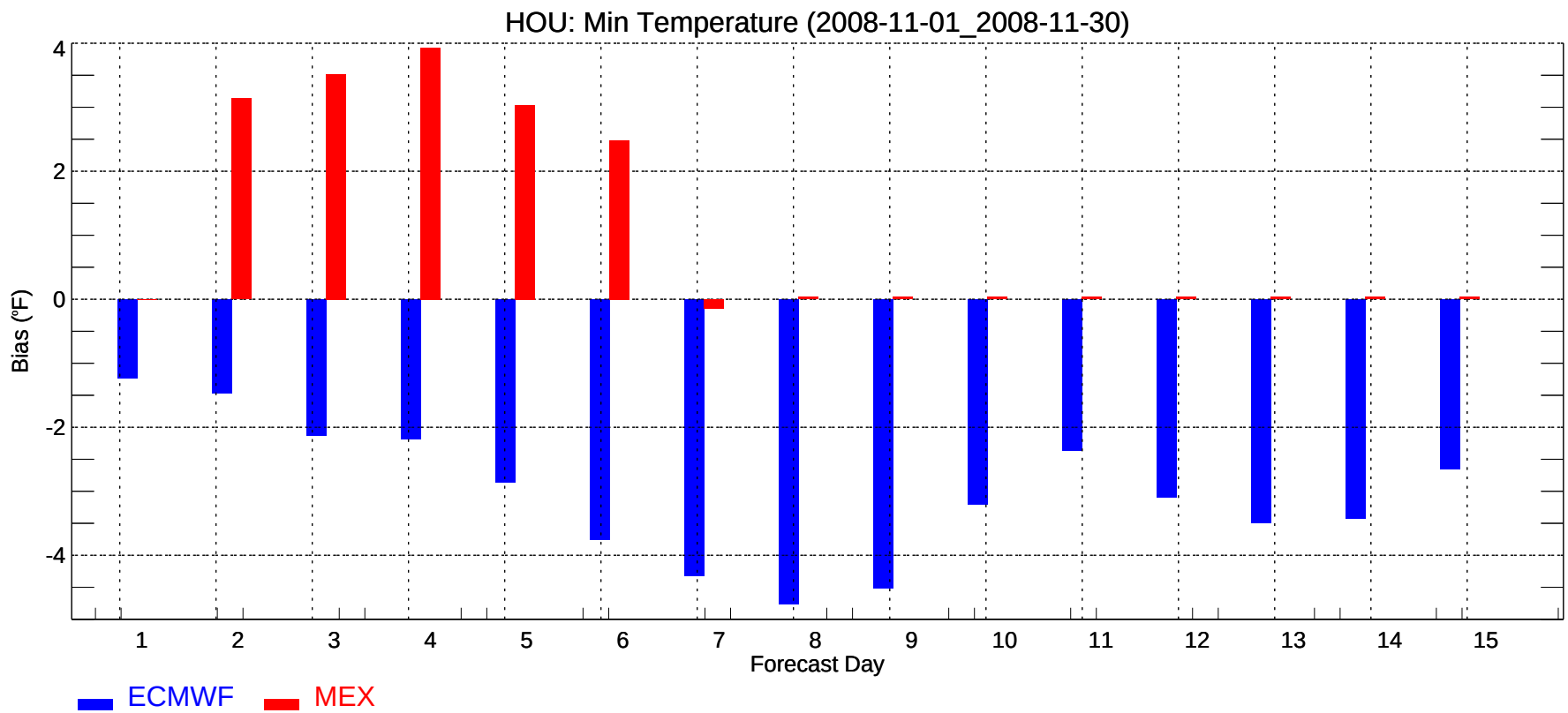
Forecast Day
ECMWF
MEX


HOU: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
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-2
-4
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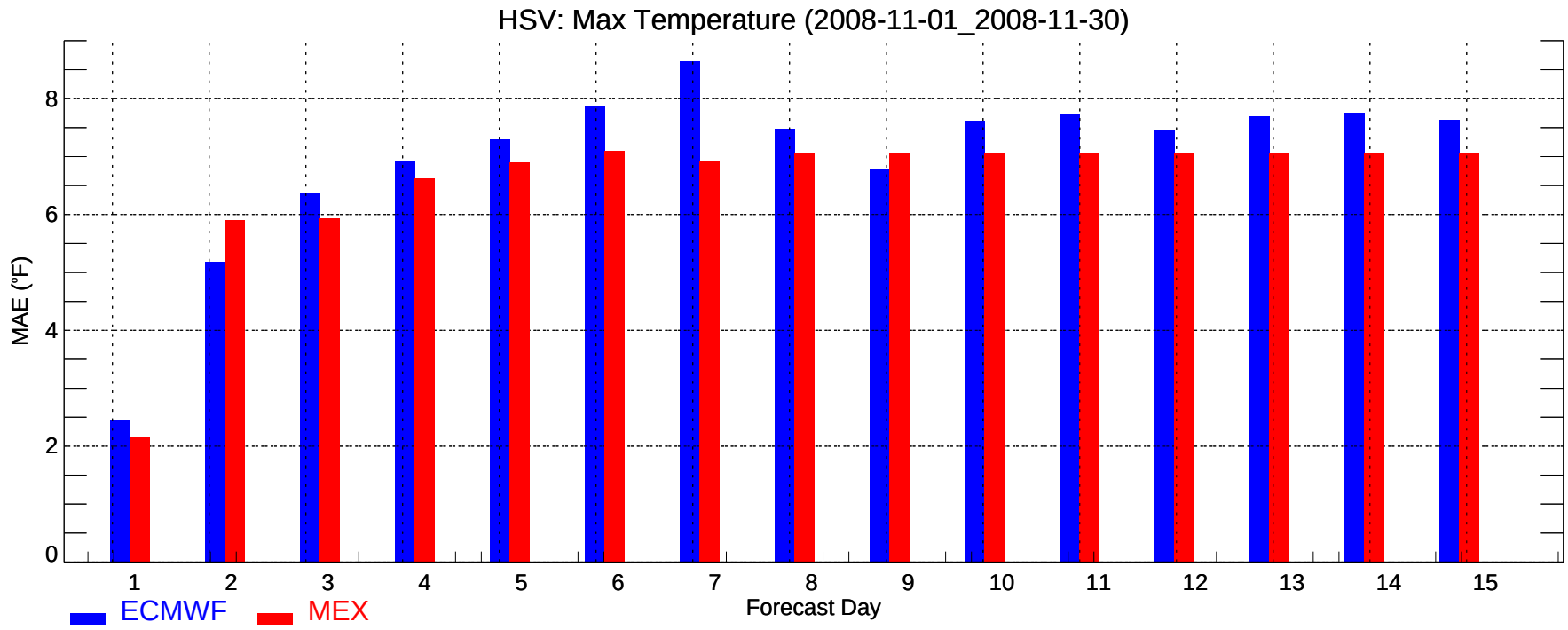
Forecast Day
ECMWF
MEX


HSV: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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8
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2
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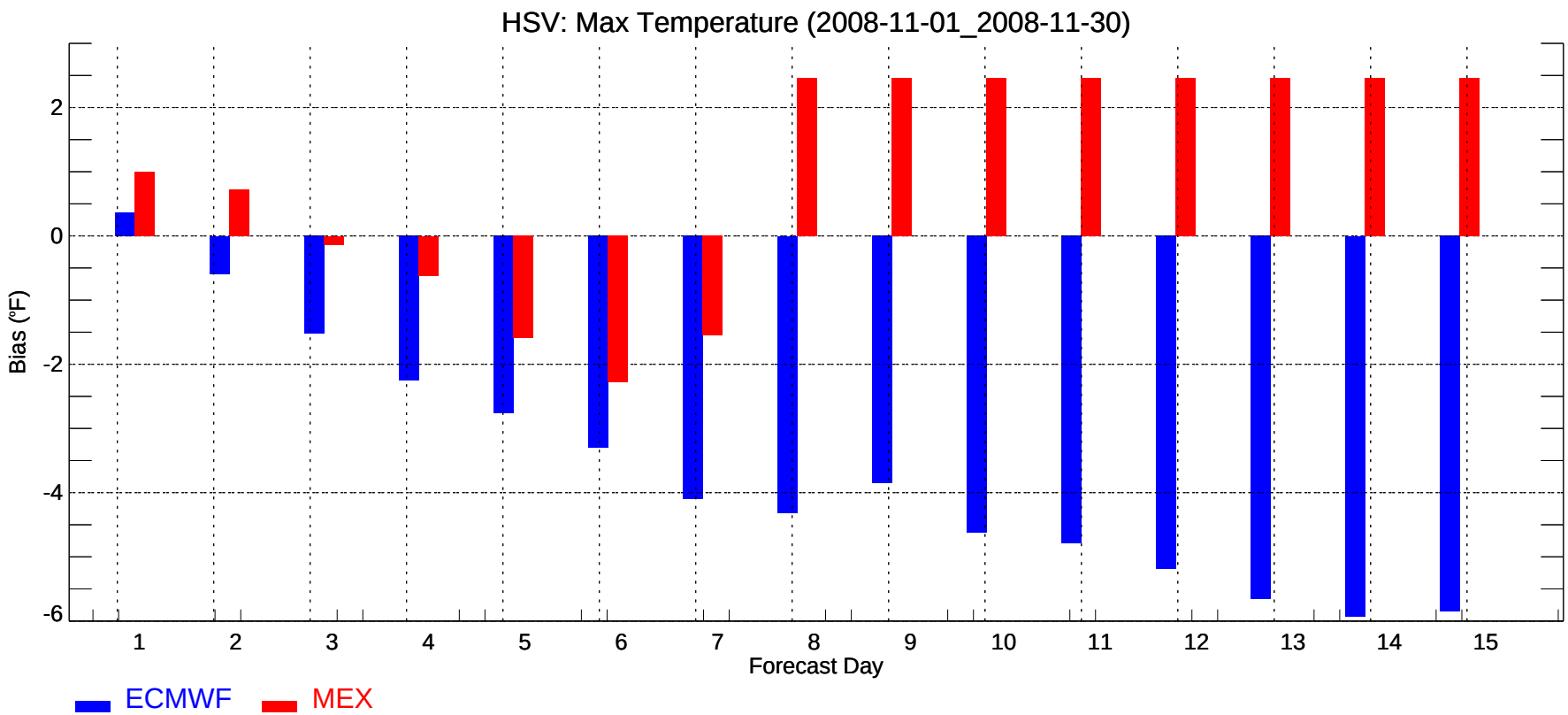
Forecast Day
ECMWF
MEX


HSV: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
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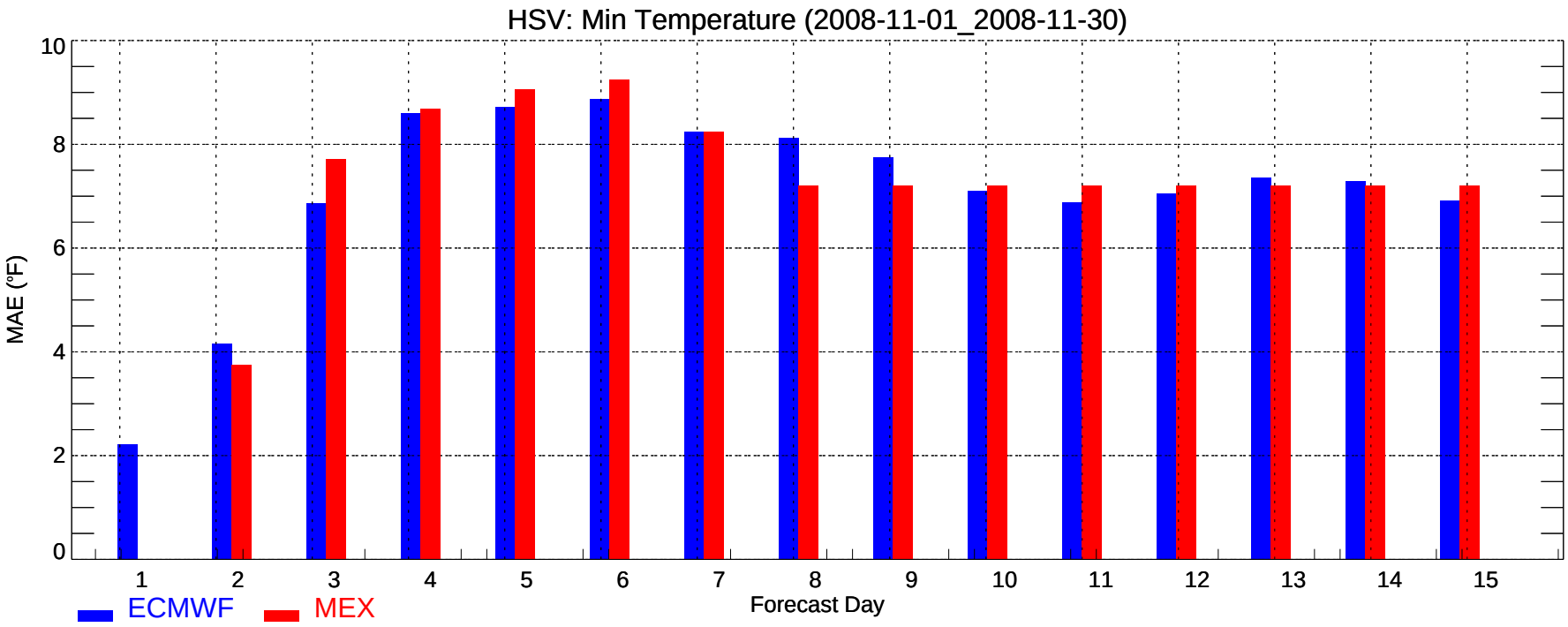
Forecast Day
ECMWF
MEX


HSV: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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1
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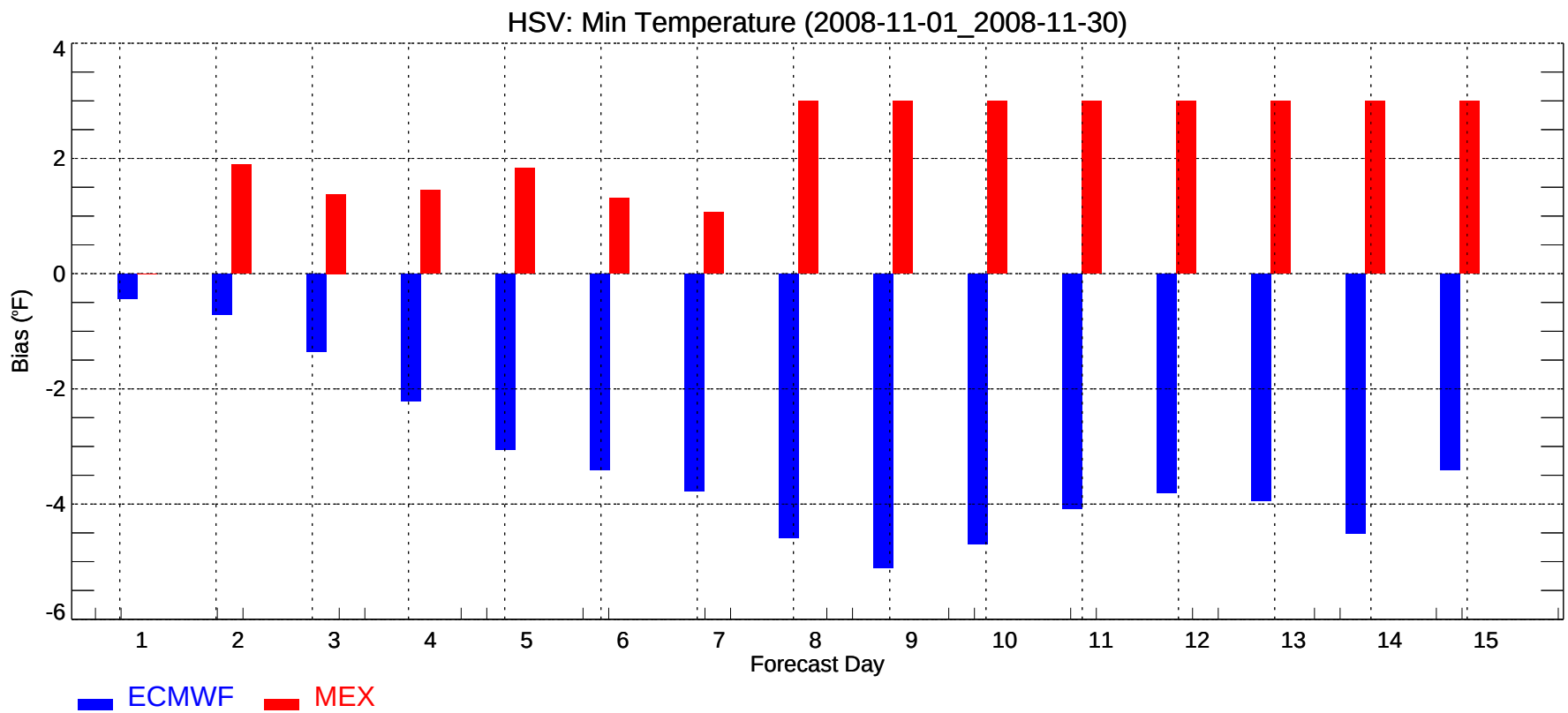
Forecast Day
ECMWF
MEX


HSV: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
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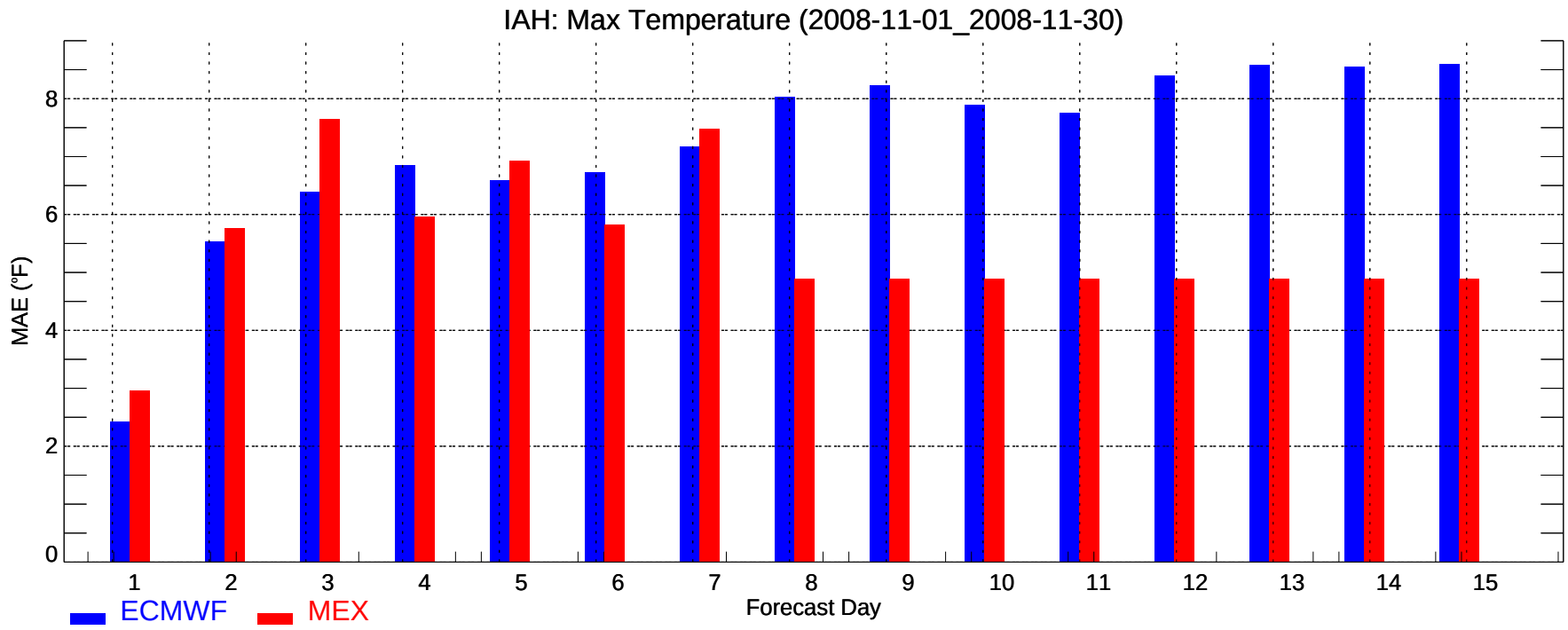
Forecast Day
ECMWF
MEX


IAH: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
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1
2
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6
7
8
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14
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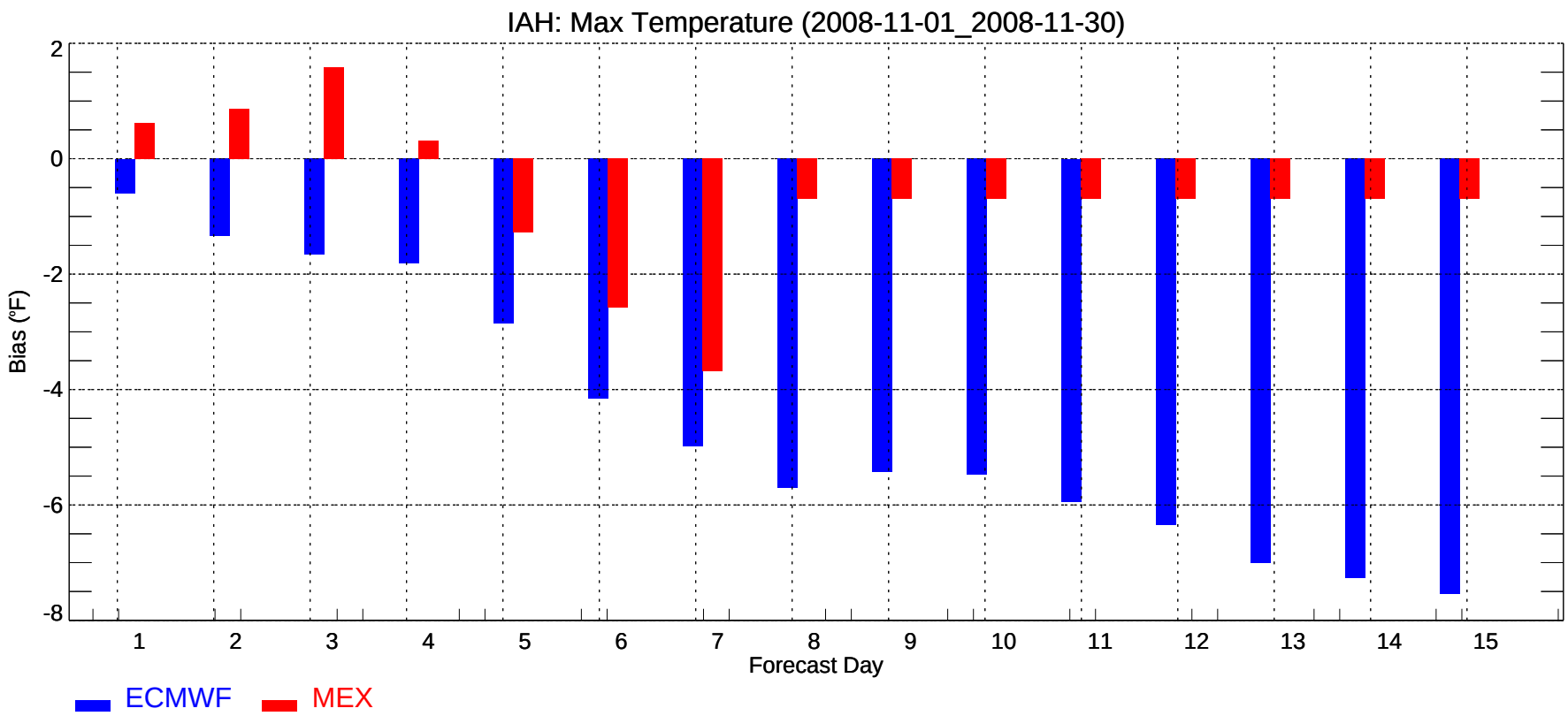
Forecast Day
ECMWF
MEX


IAH: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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6
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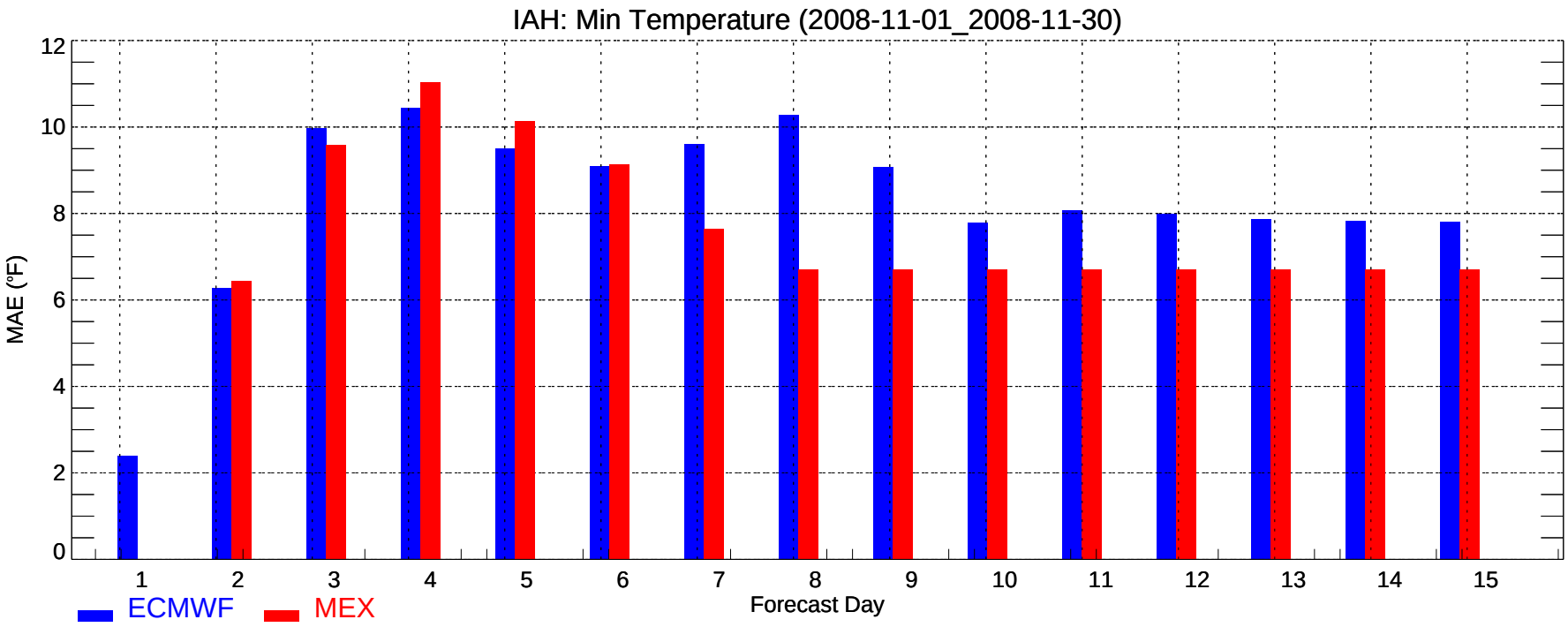
Forecast Day
ECMWF
MEX


IAH: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
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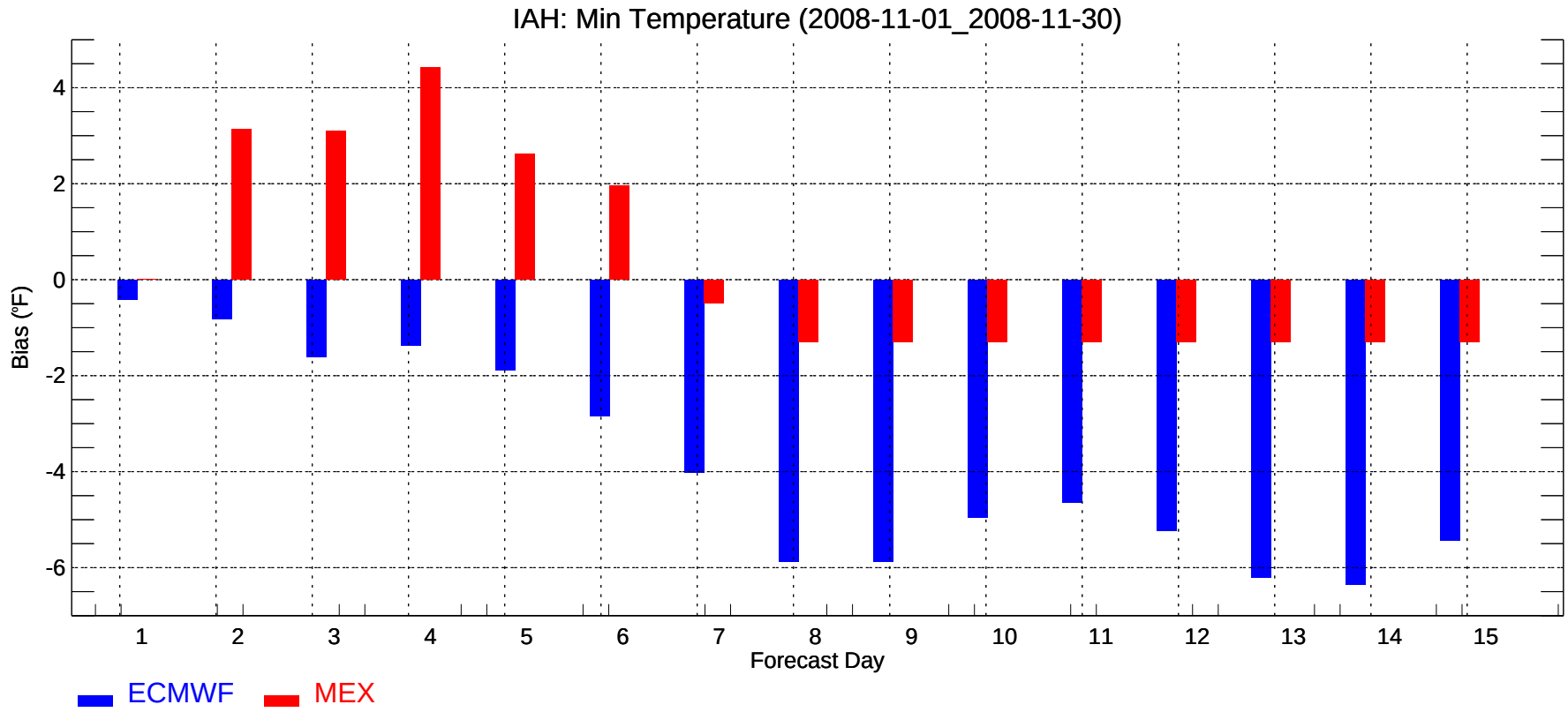
Forecast Day
ECMWF
MEX


IAH: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
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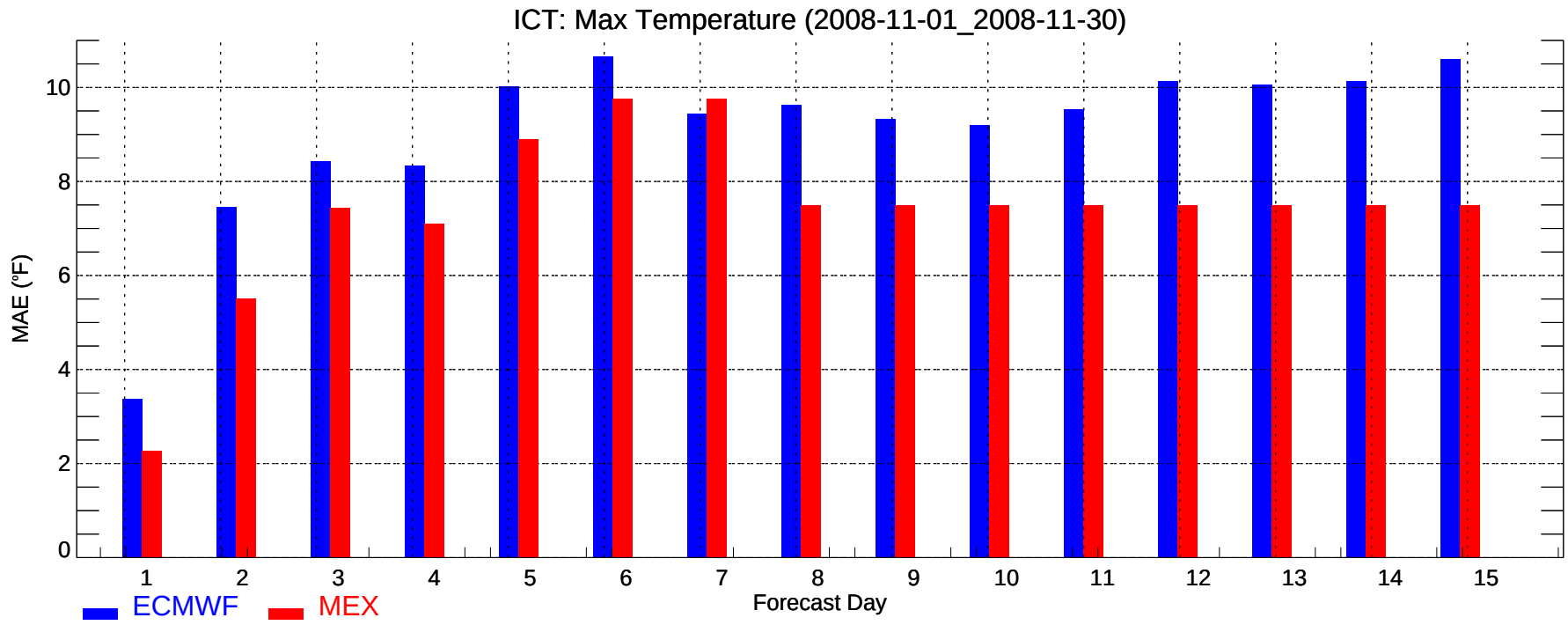
Forecast Day
ECMWF
MEX


ICT: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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1
2
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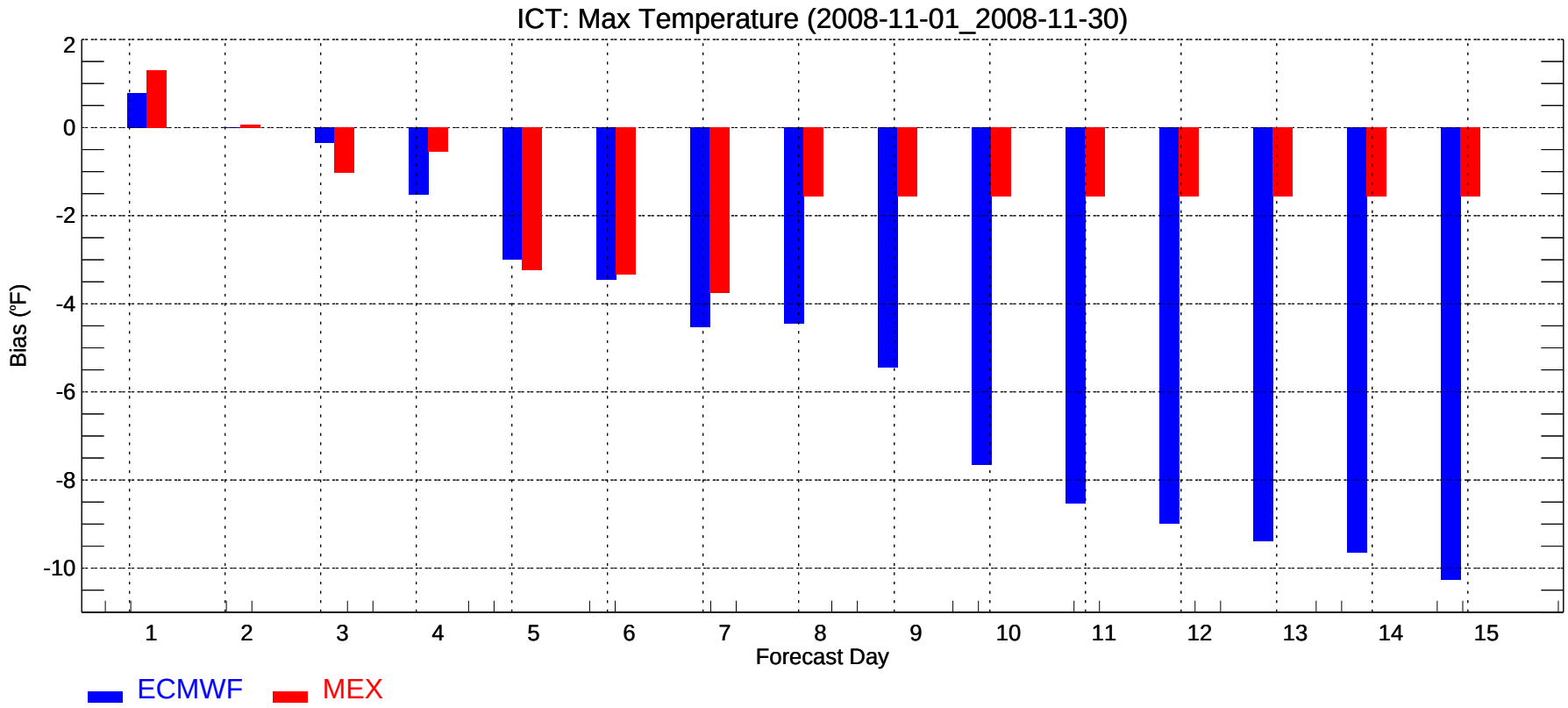
Forecast Day
ECMWF
MEX


ICT: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
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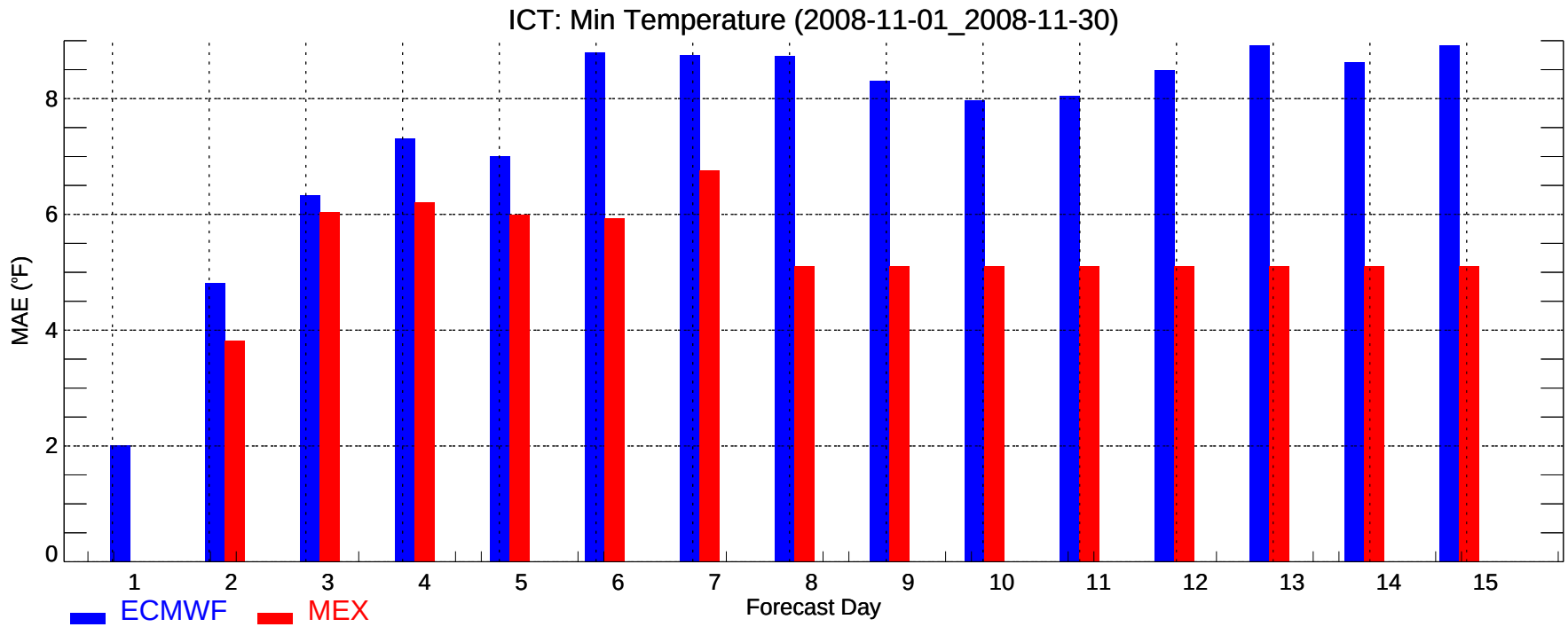
Forecast Day
ECMWF
MEX


ICT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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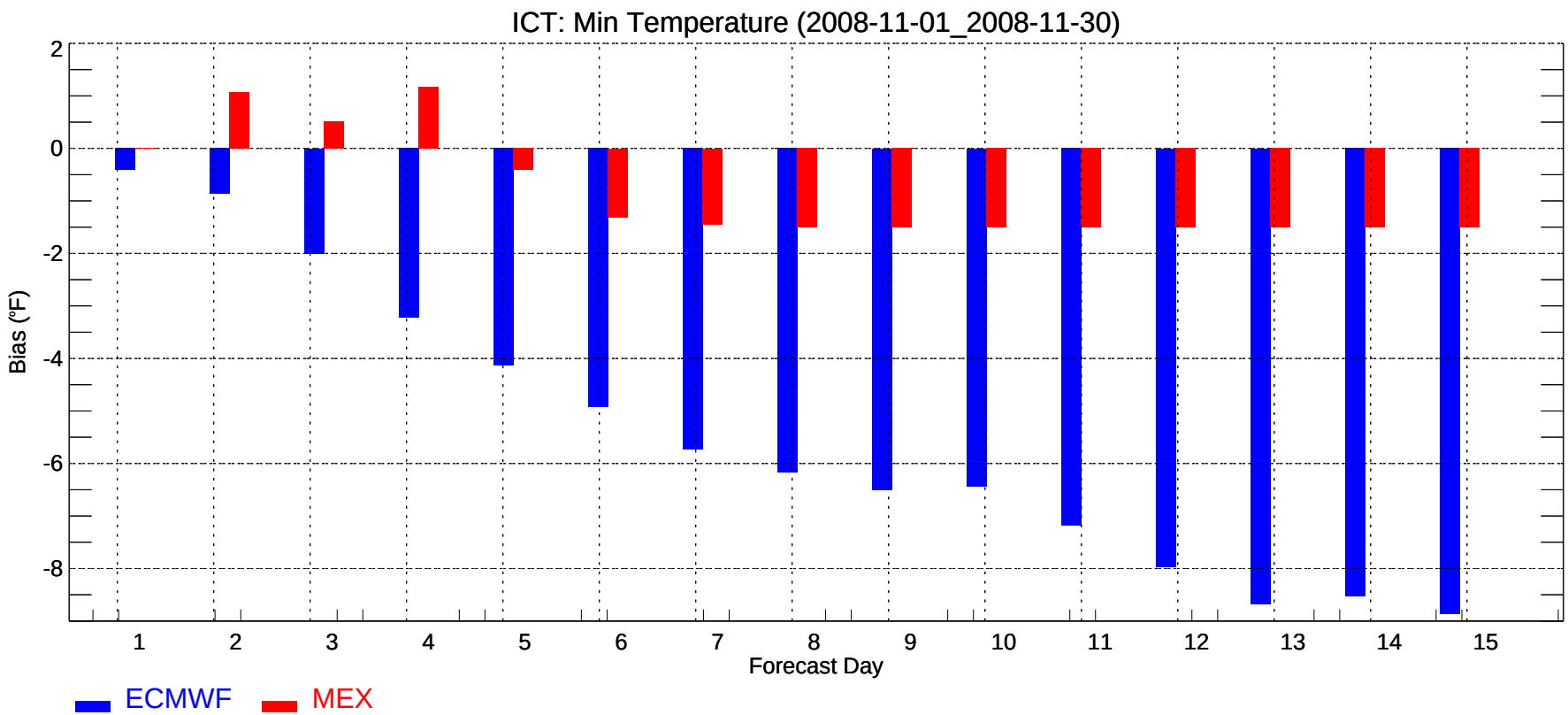
Forecast Day
ECMWF
MEX


ICT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
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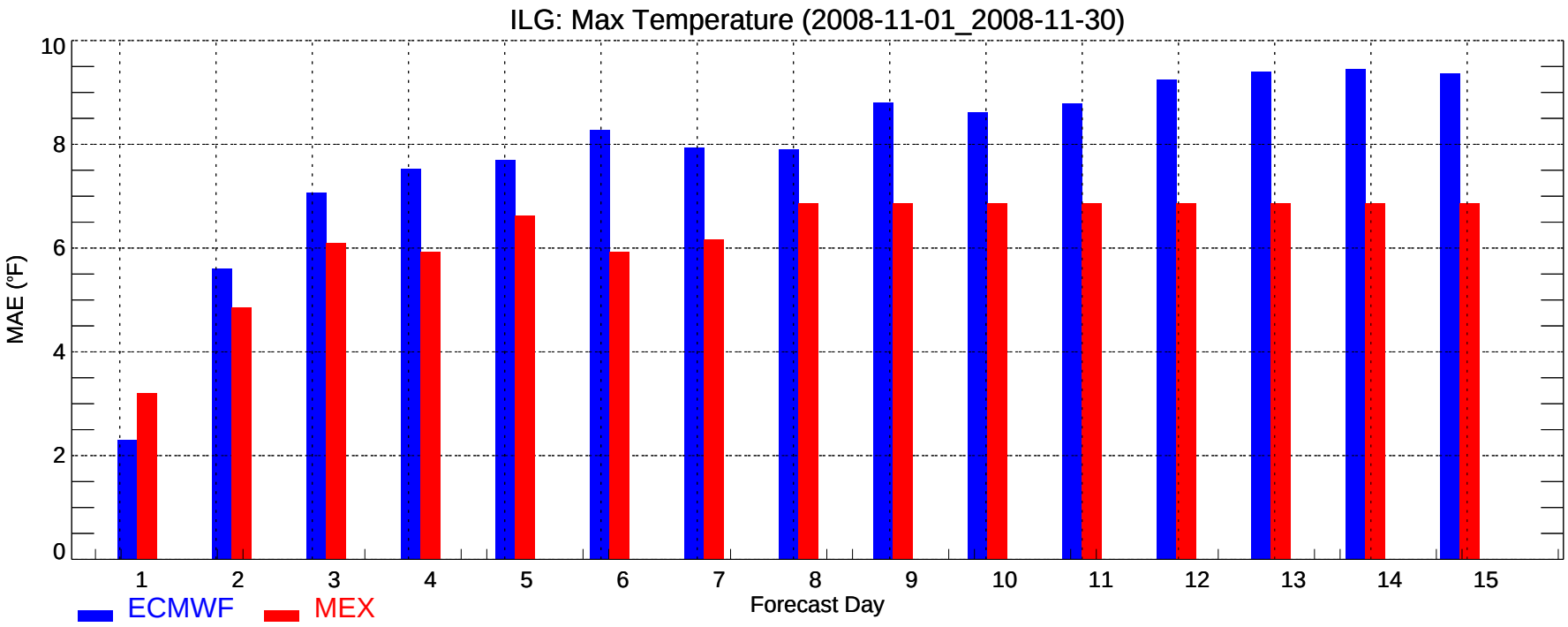
Forecast Day
ECMWF
MEX


ILG: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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1
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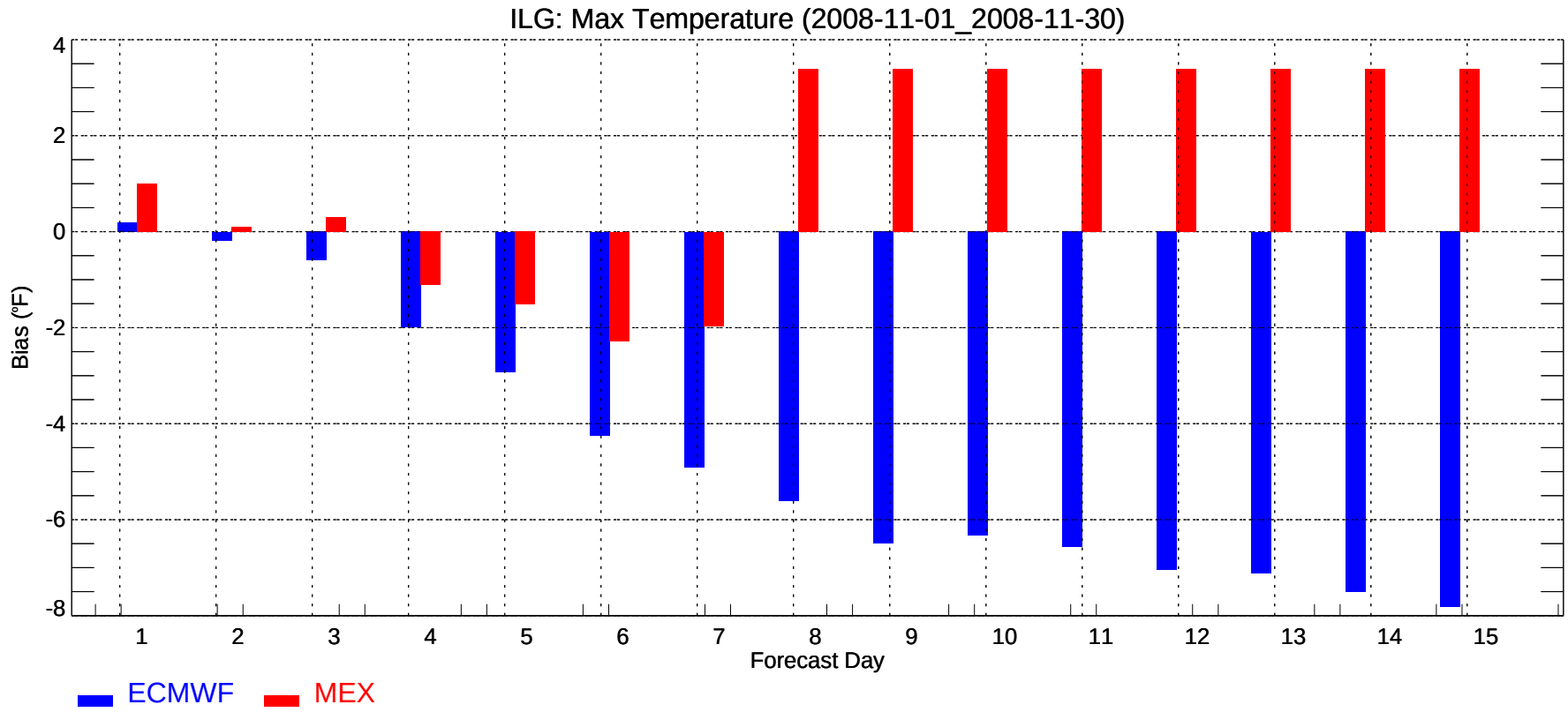
Forecast Day
ECMWF
MEX


ILG: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
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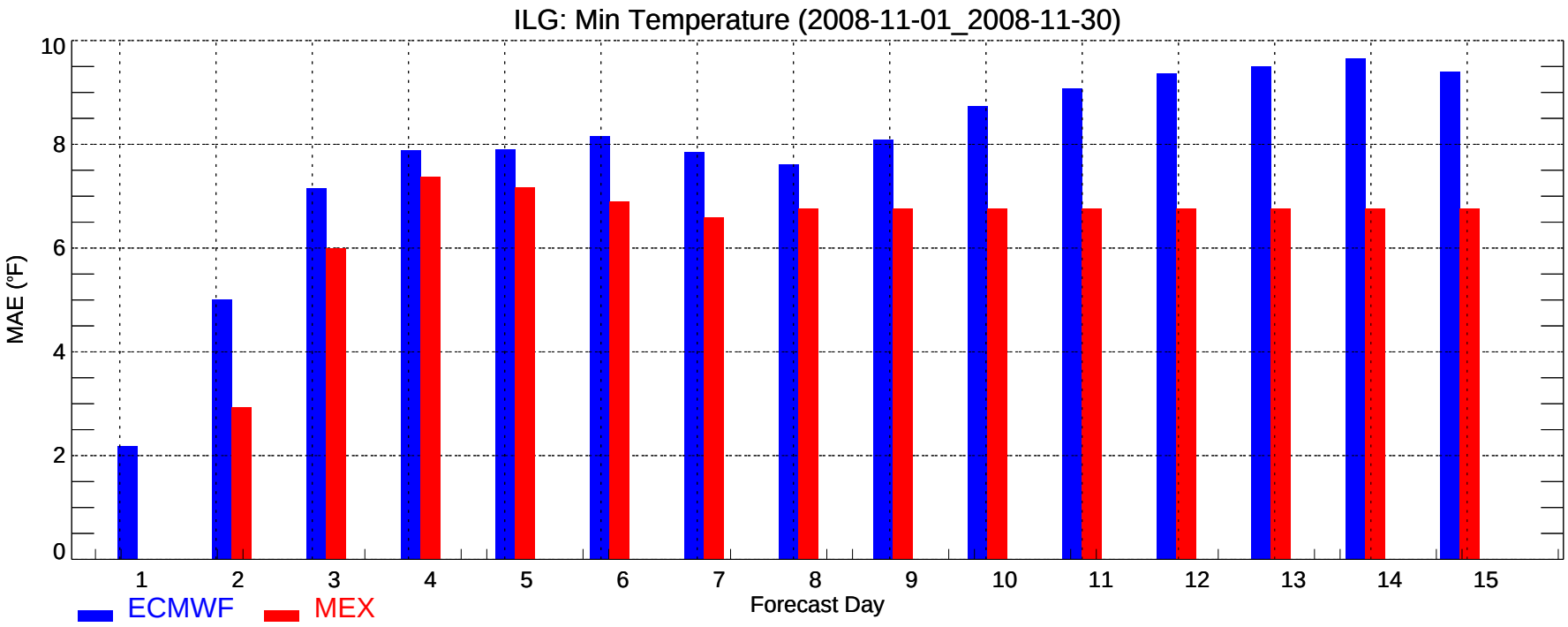
Forecast Day
ECMWF
MEX


ILG: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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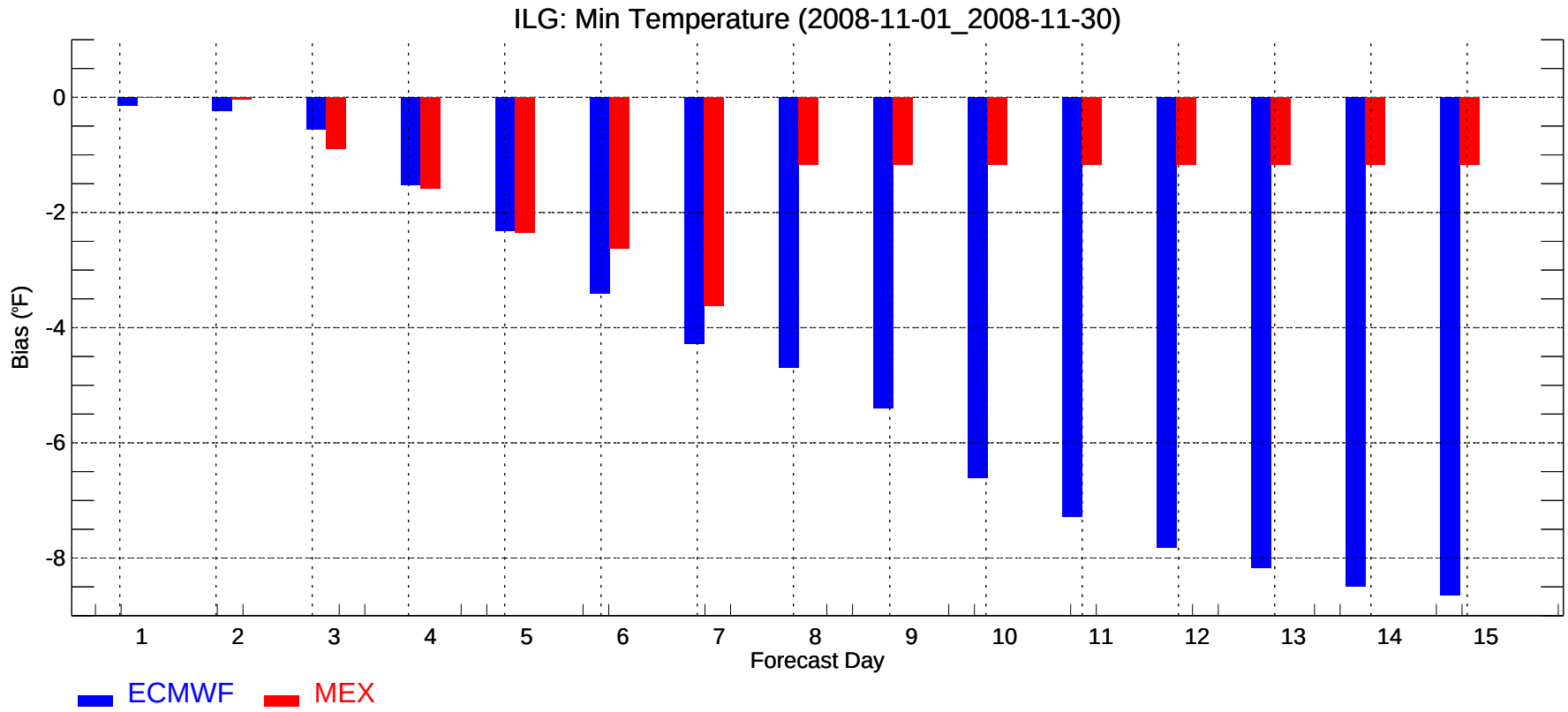
Forecast Day
ECMWF
MEX


ILG: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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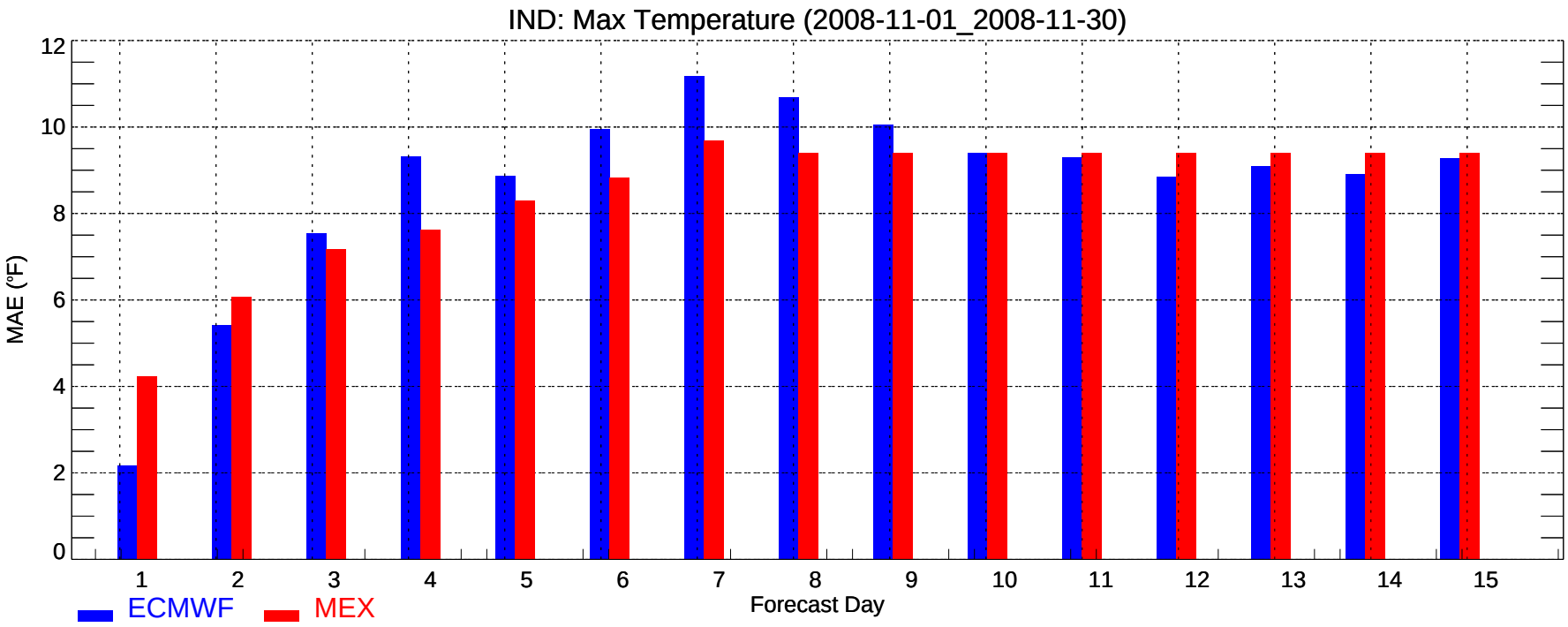
Forecast Day
ECMWF
MEX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MAE (°F)
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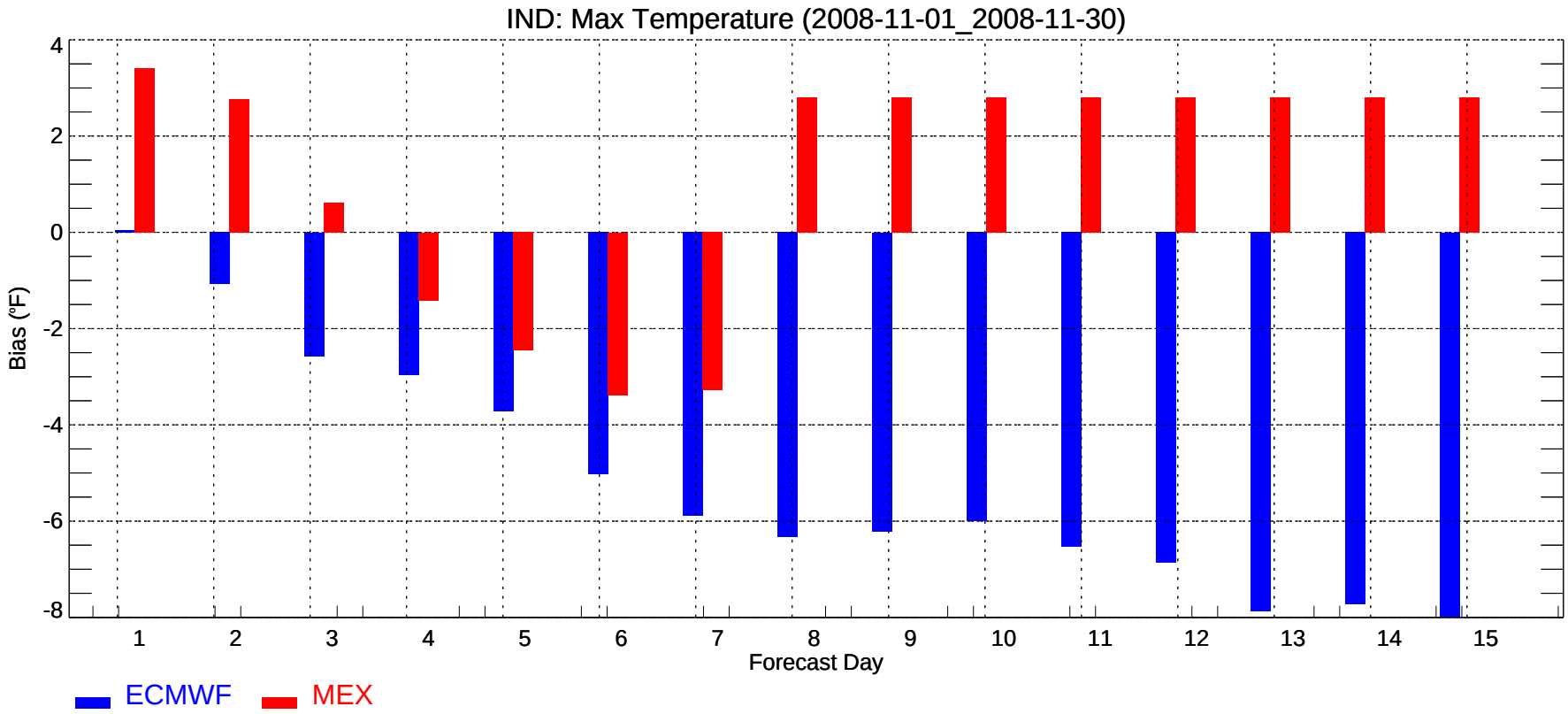
Forecast Day
ECMWF
MEX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Bias (°F)
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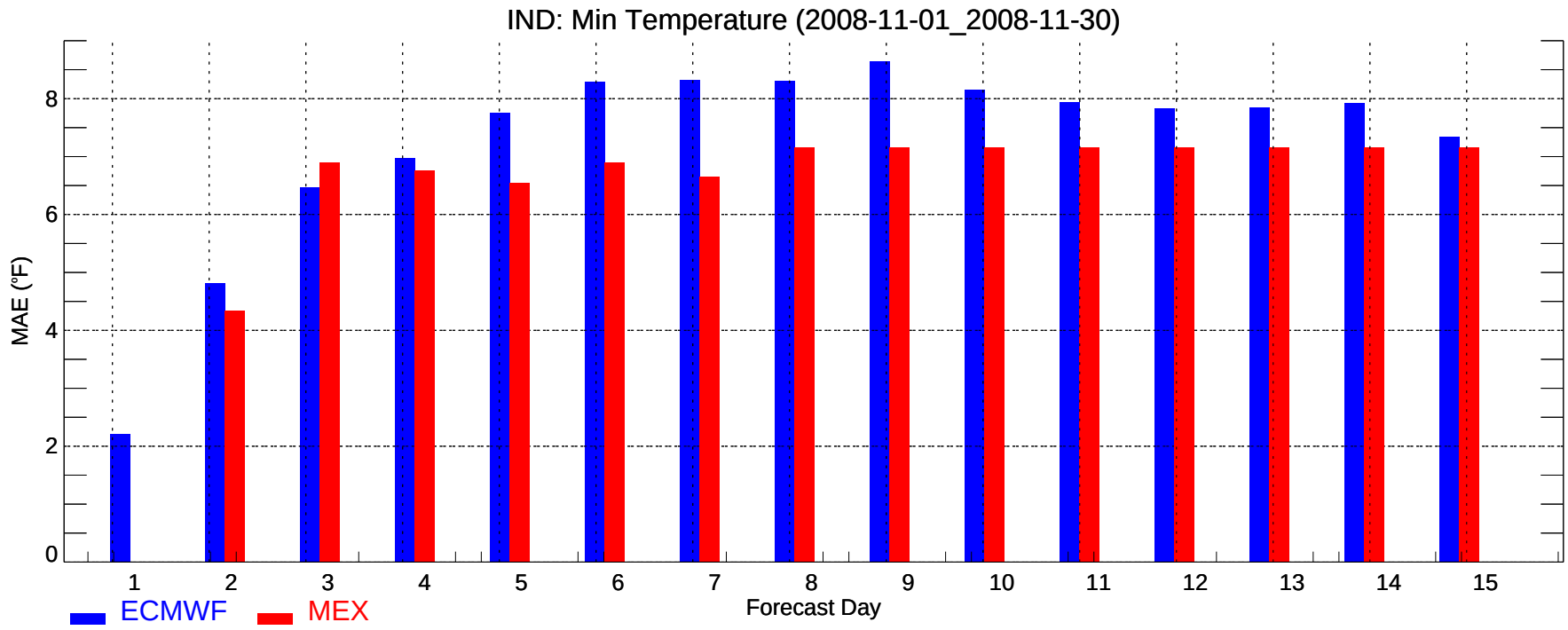
Forecast Day
ECMWF
MEX


IND: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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Forecast Day
ECMWF
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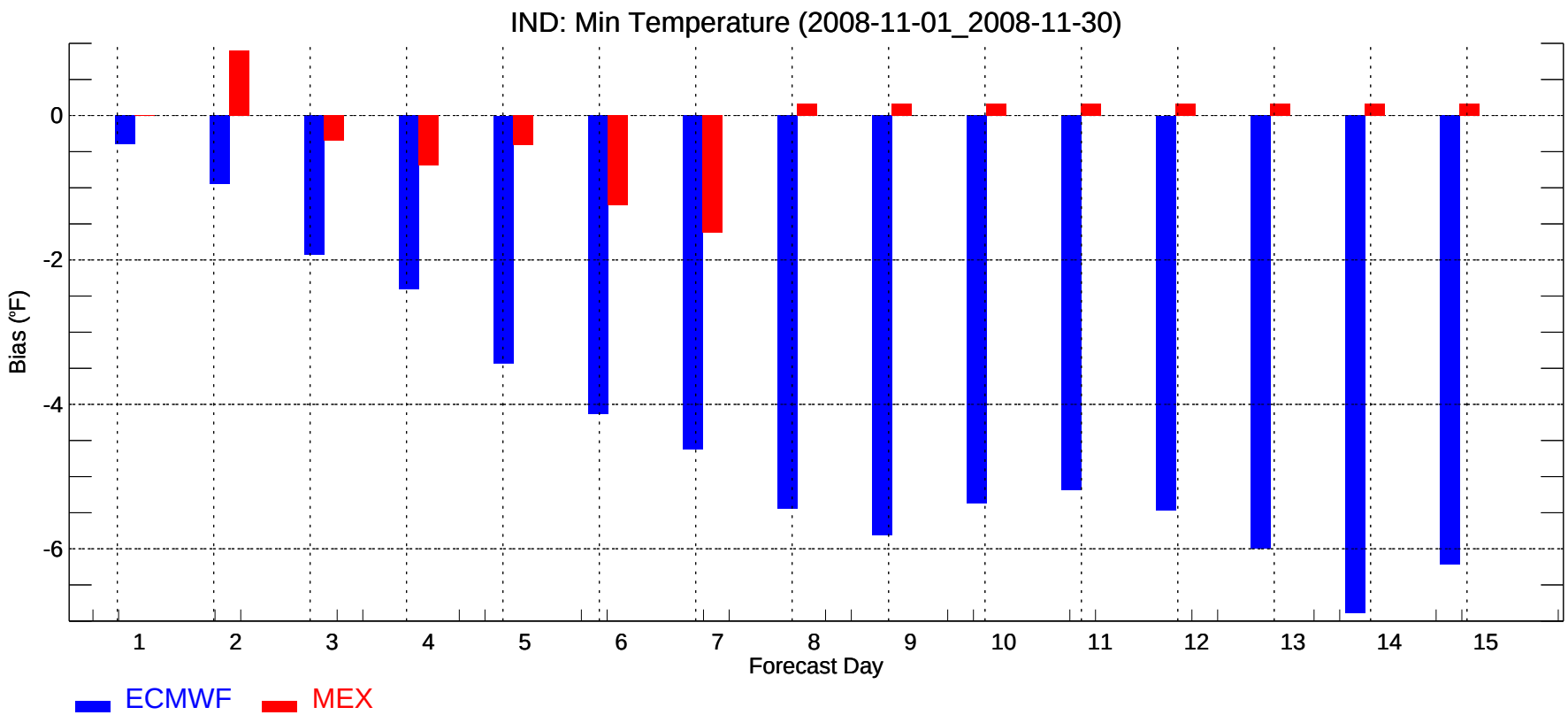
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Bias (°F)
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Forecast Day
ECMWF
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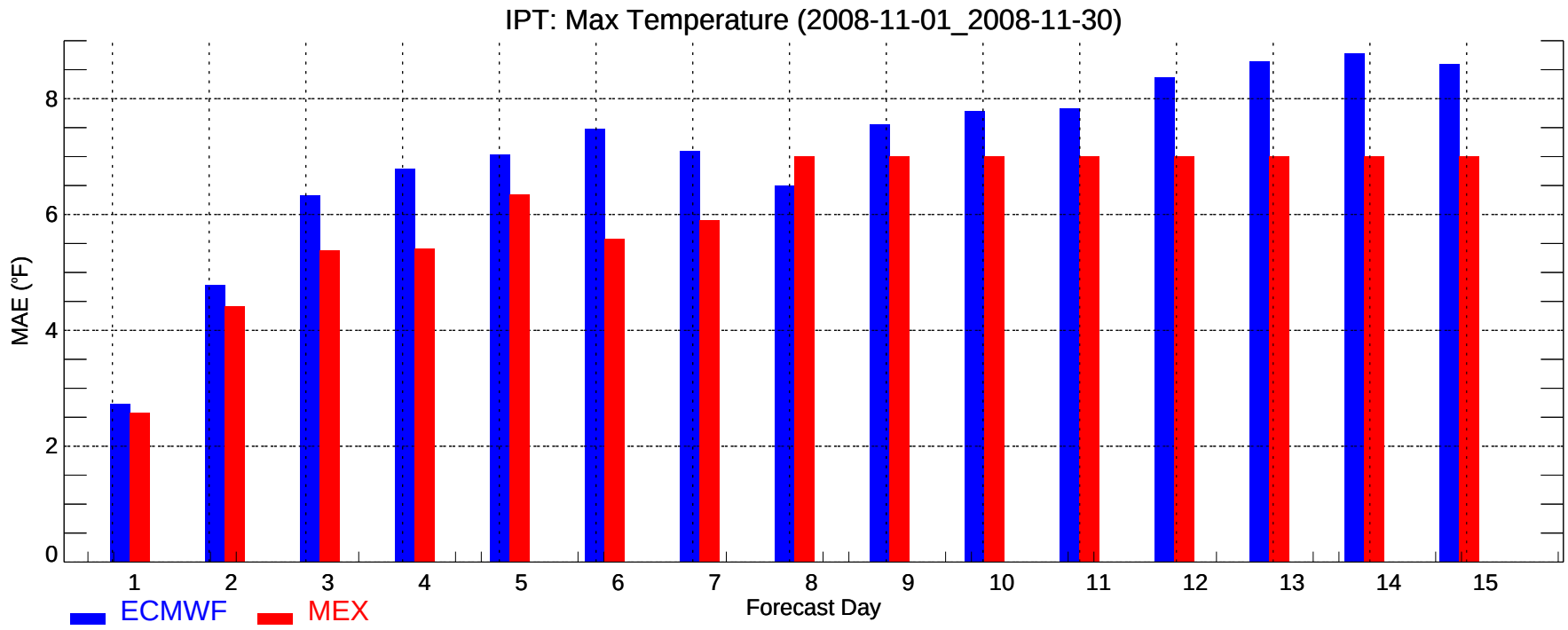
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MAE (°F)
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Forecast Day
ECMWF
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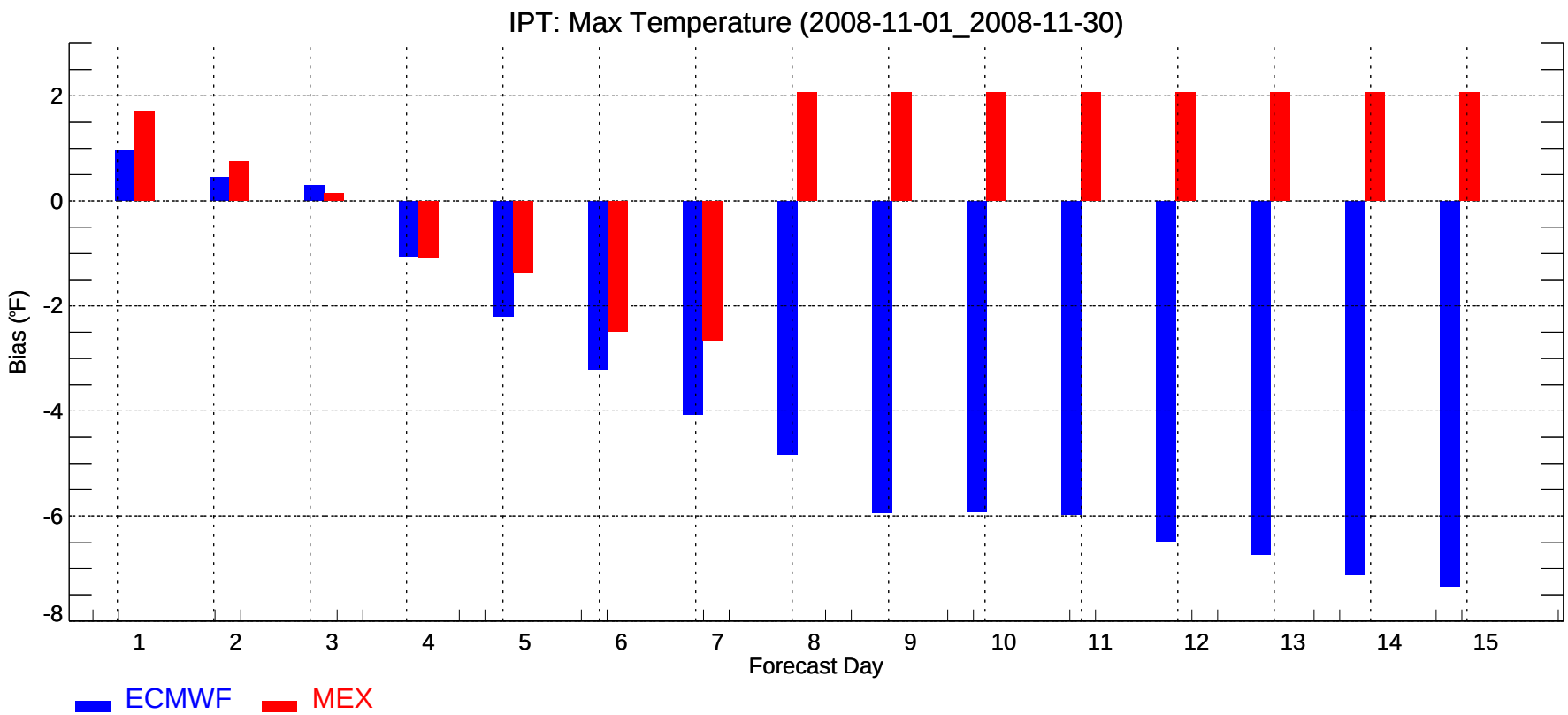
IPT: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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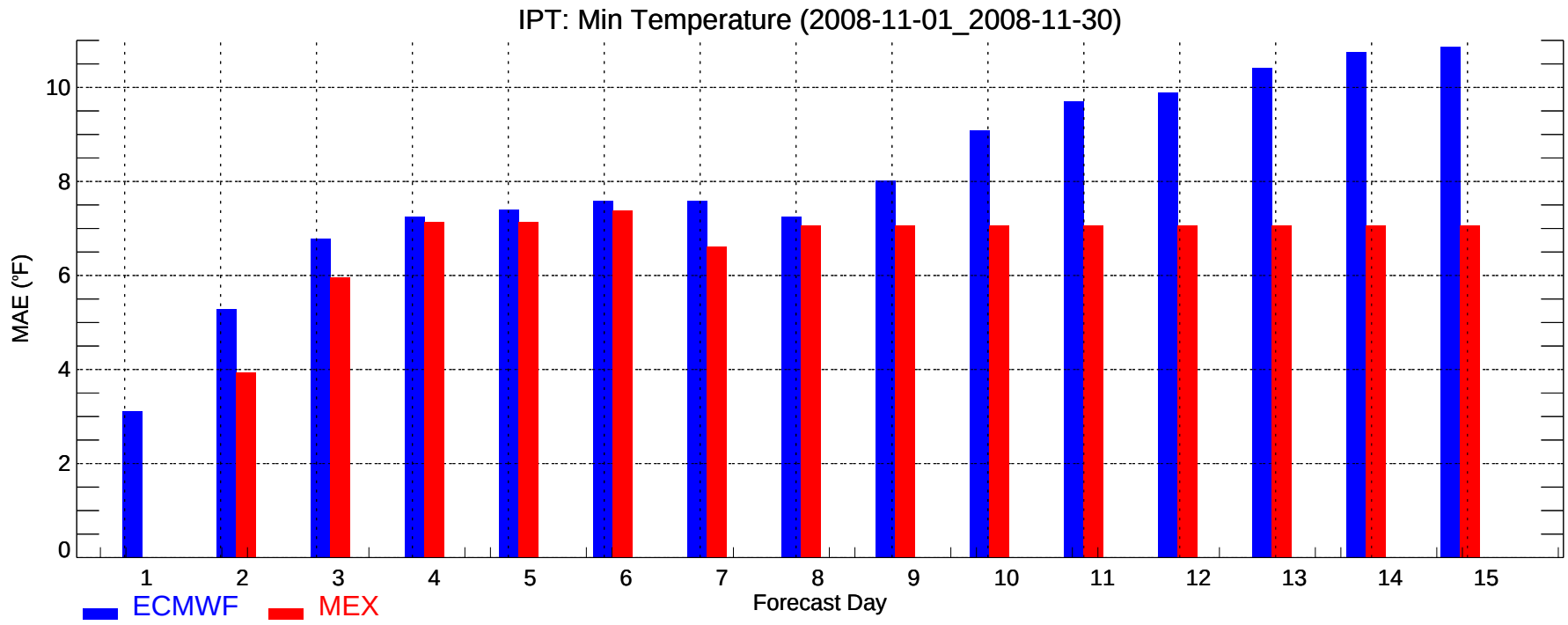
Forecast Day
ECMWF
MEX


IPT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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Forecast Day
ECMWF
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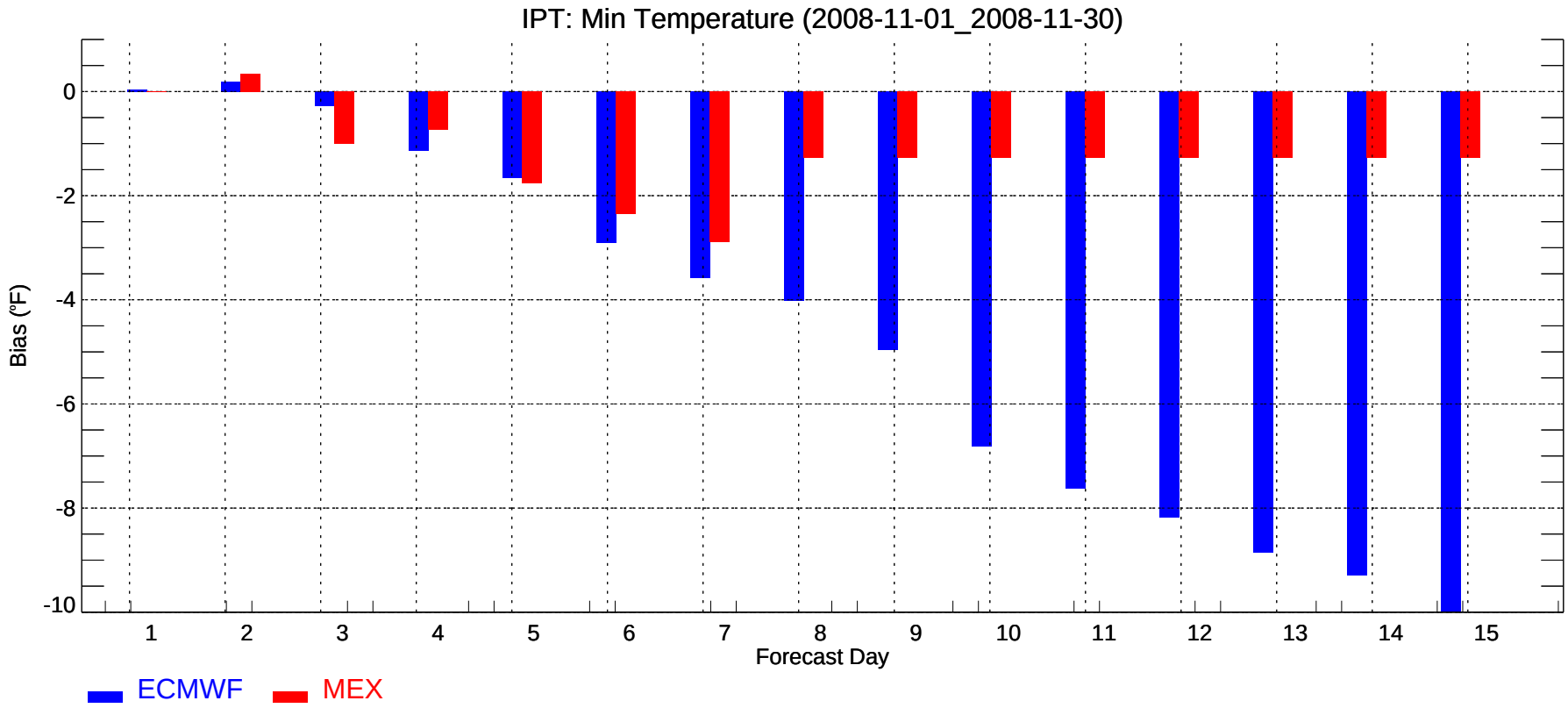
IPT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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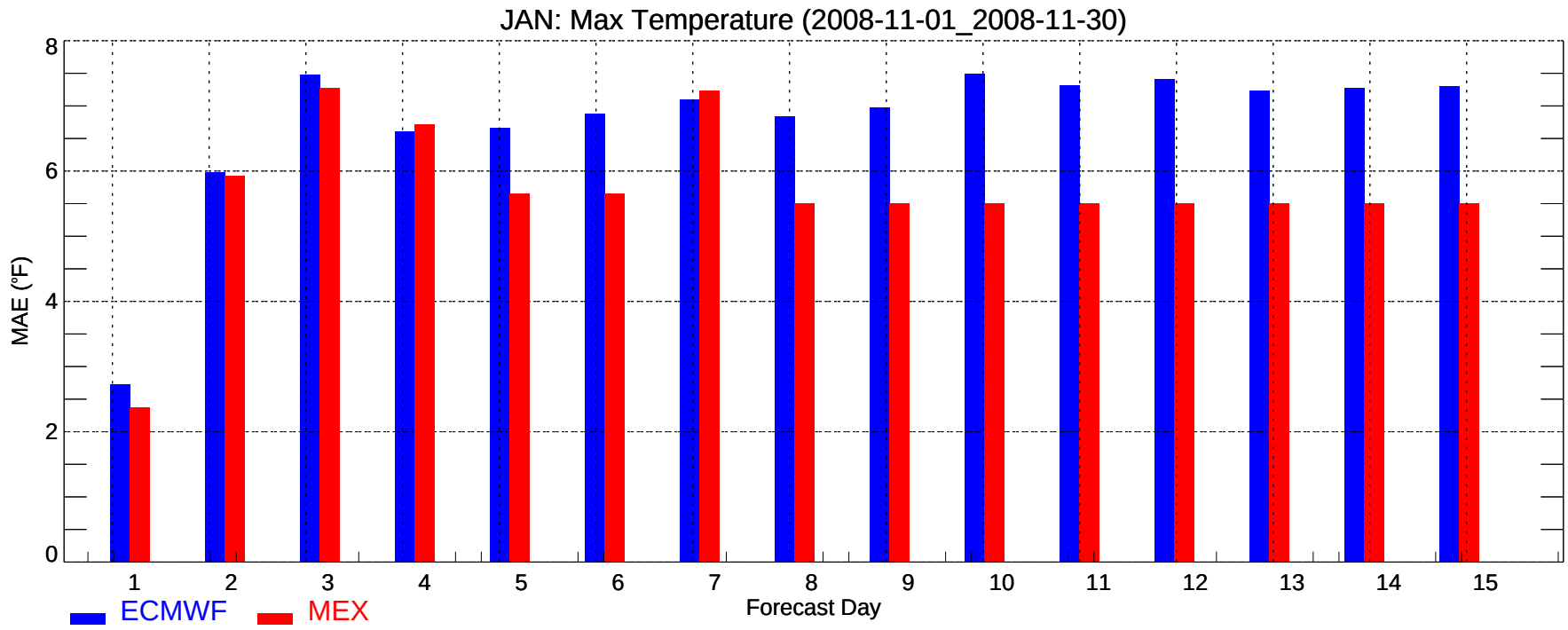
Forecast Day
ECMWF
MEX


JAN: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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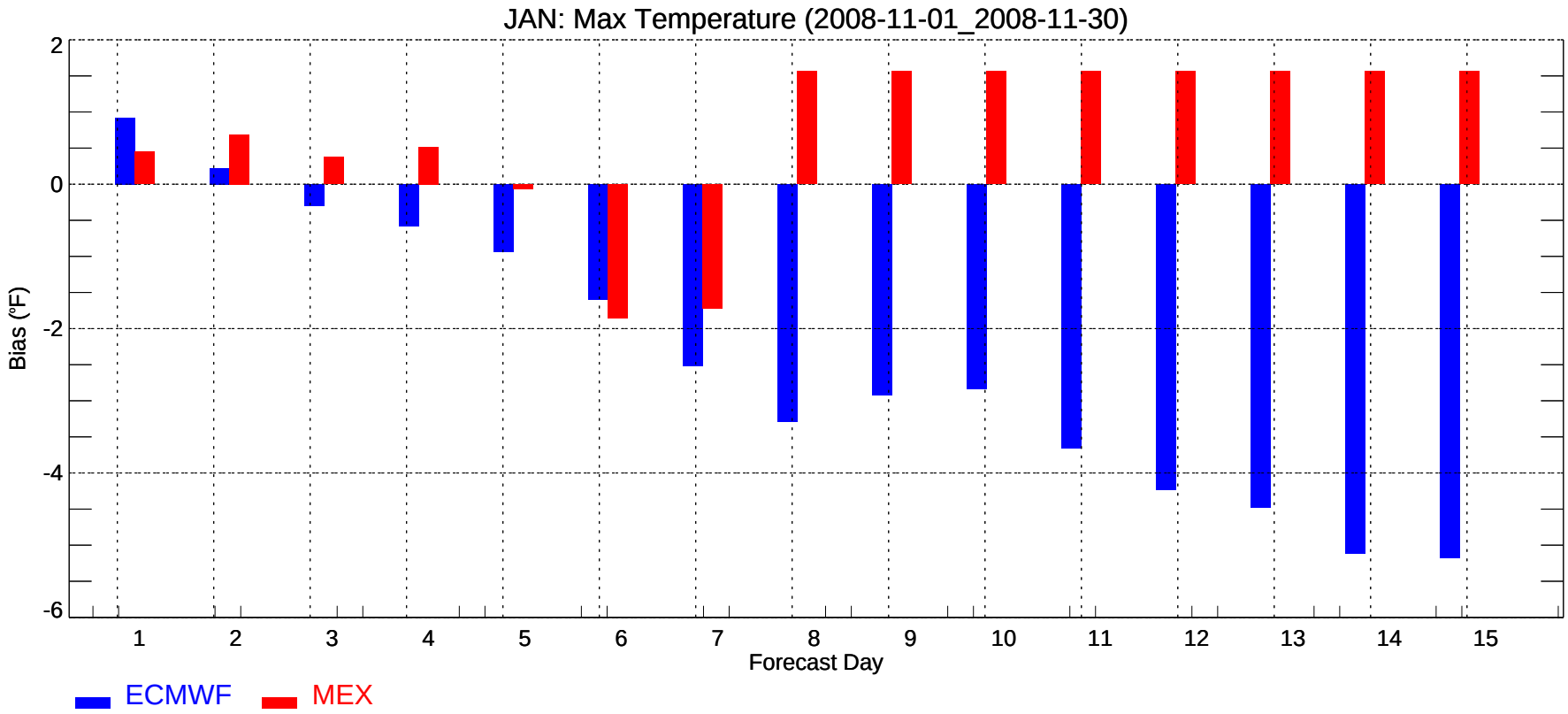
Forecast Day
ECMWF
MEX


JAN: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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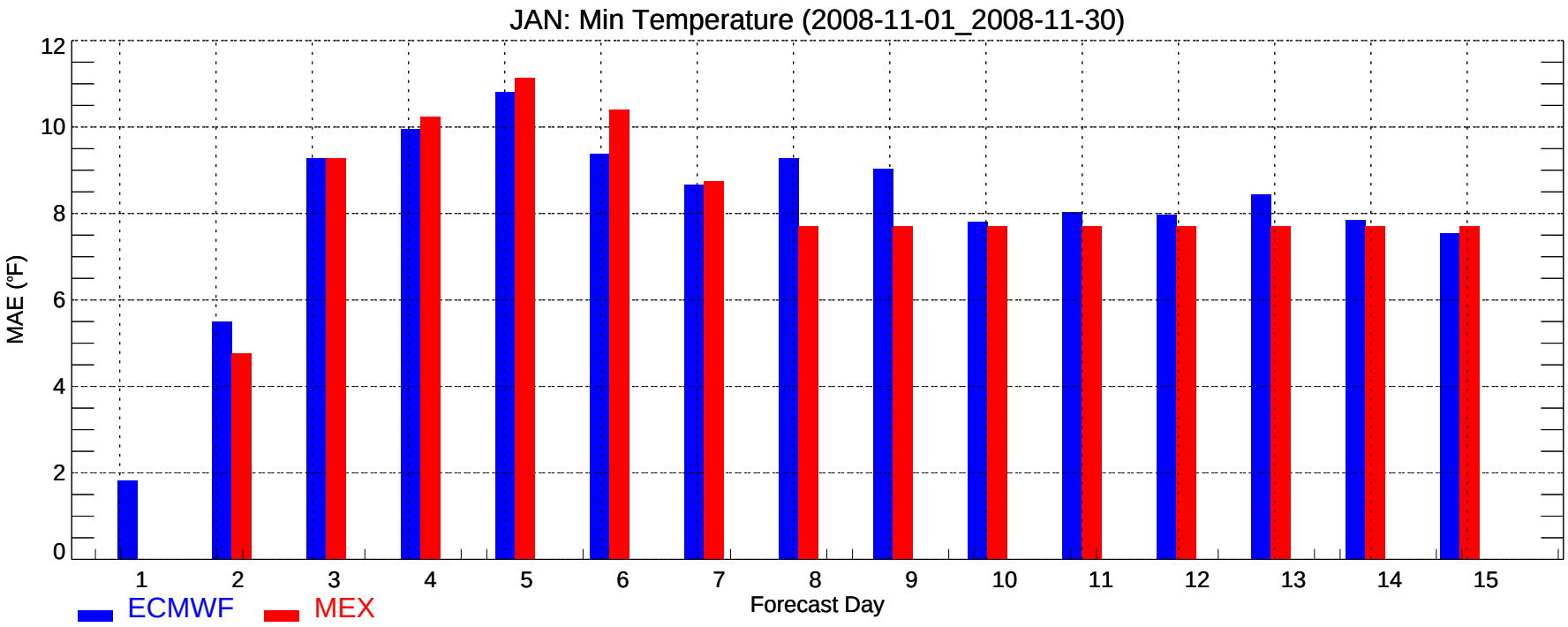
Forecast Day
ECMWF
MEX


JAN: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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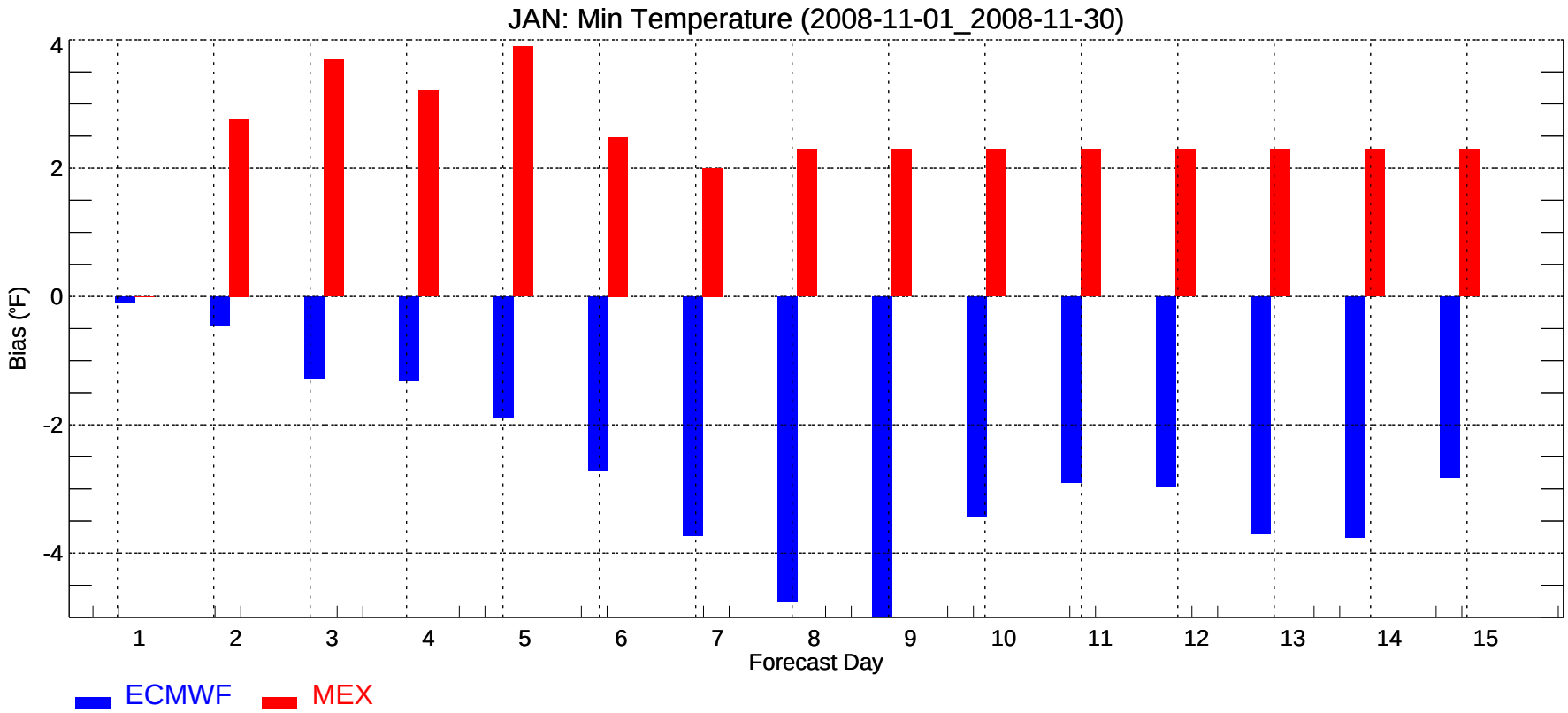
Forecast Day
ECMWF
MEX


JAN: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
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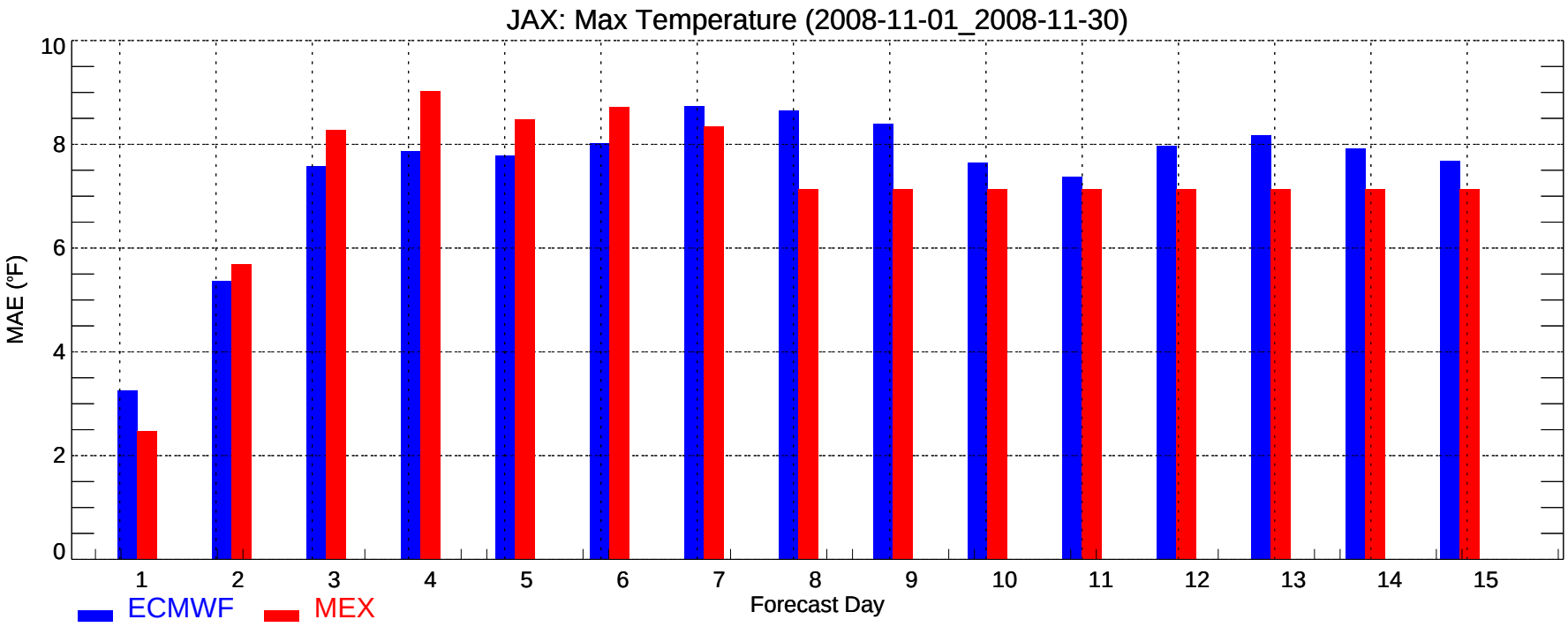
JAX: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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Forecast Day
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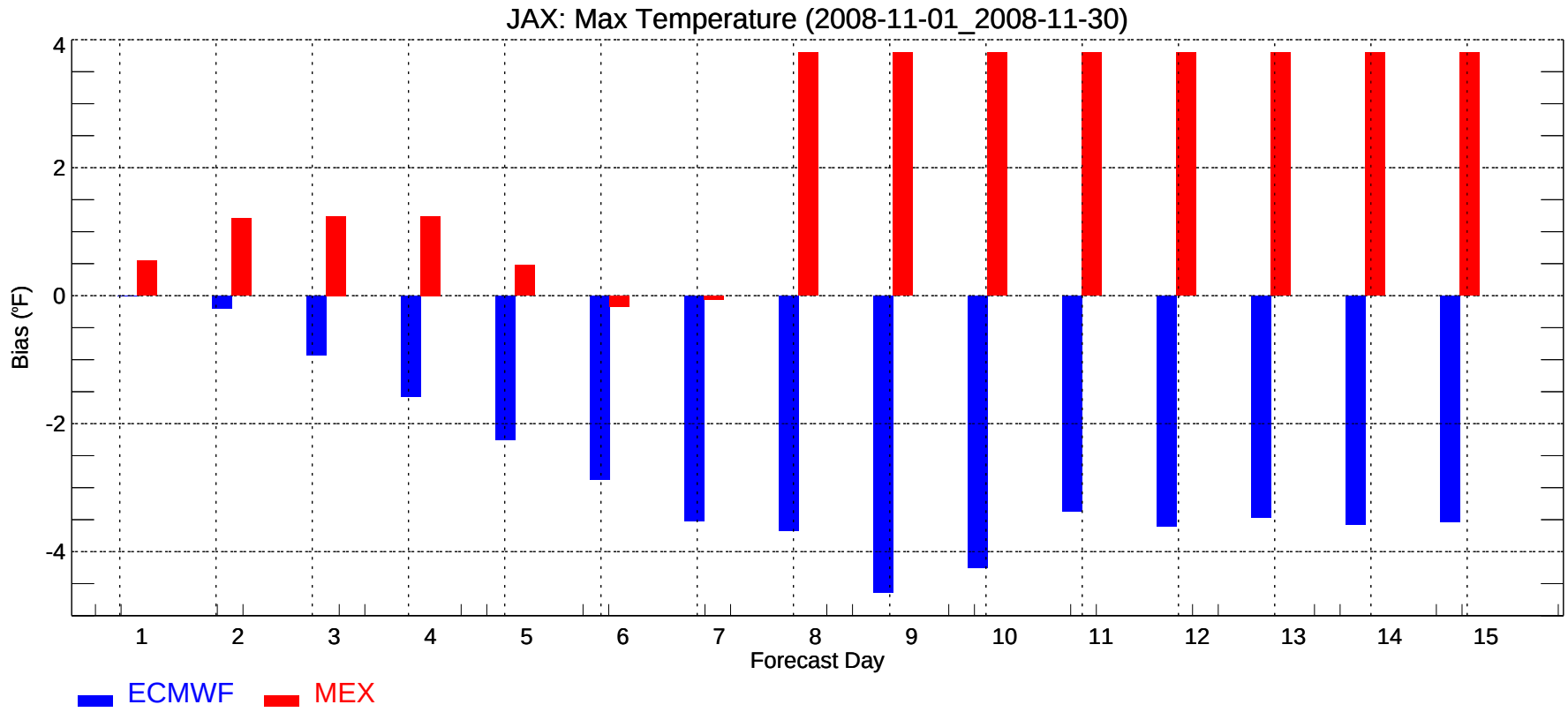
MEX


JAX: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
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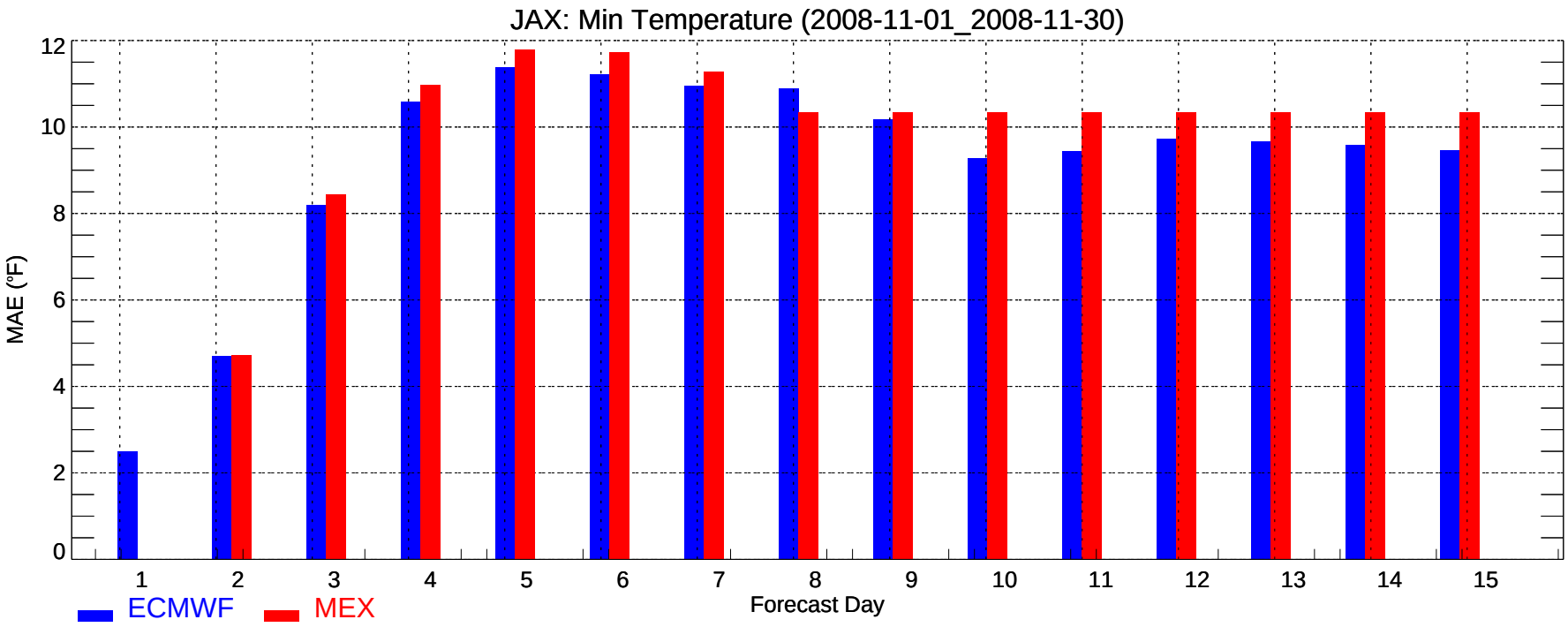
JAX: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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Forecast Day
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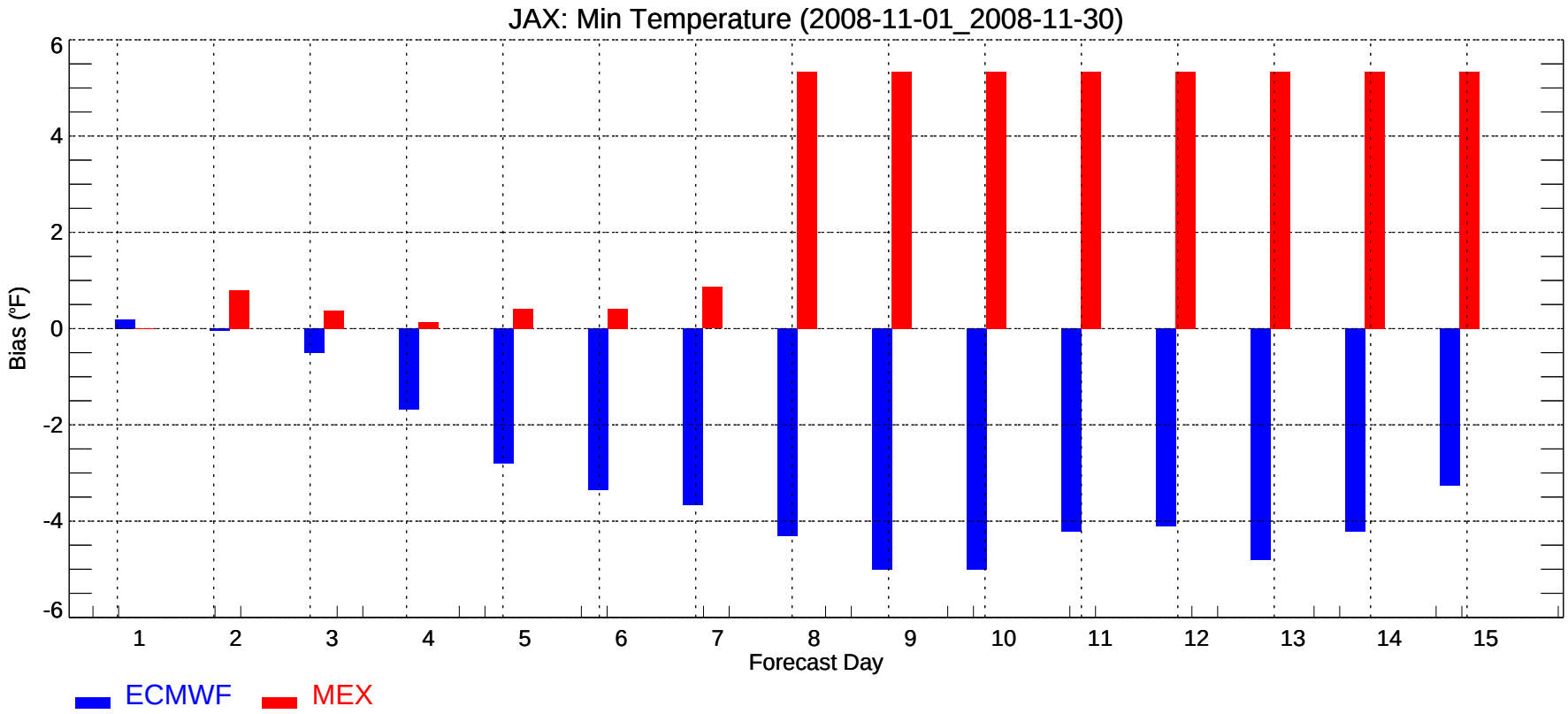
JAX: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
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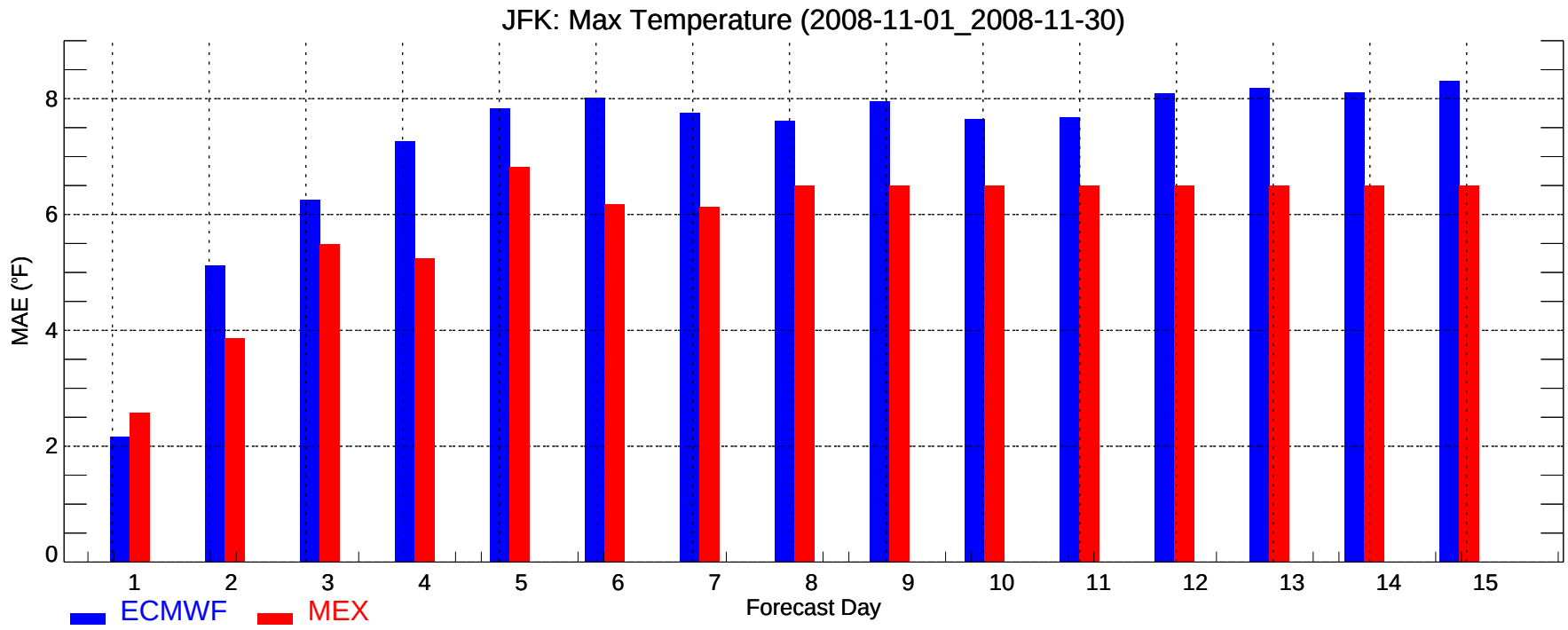
JFK: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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Forecast Day
ECMWF
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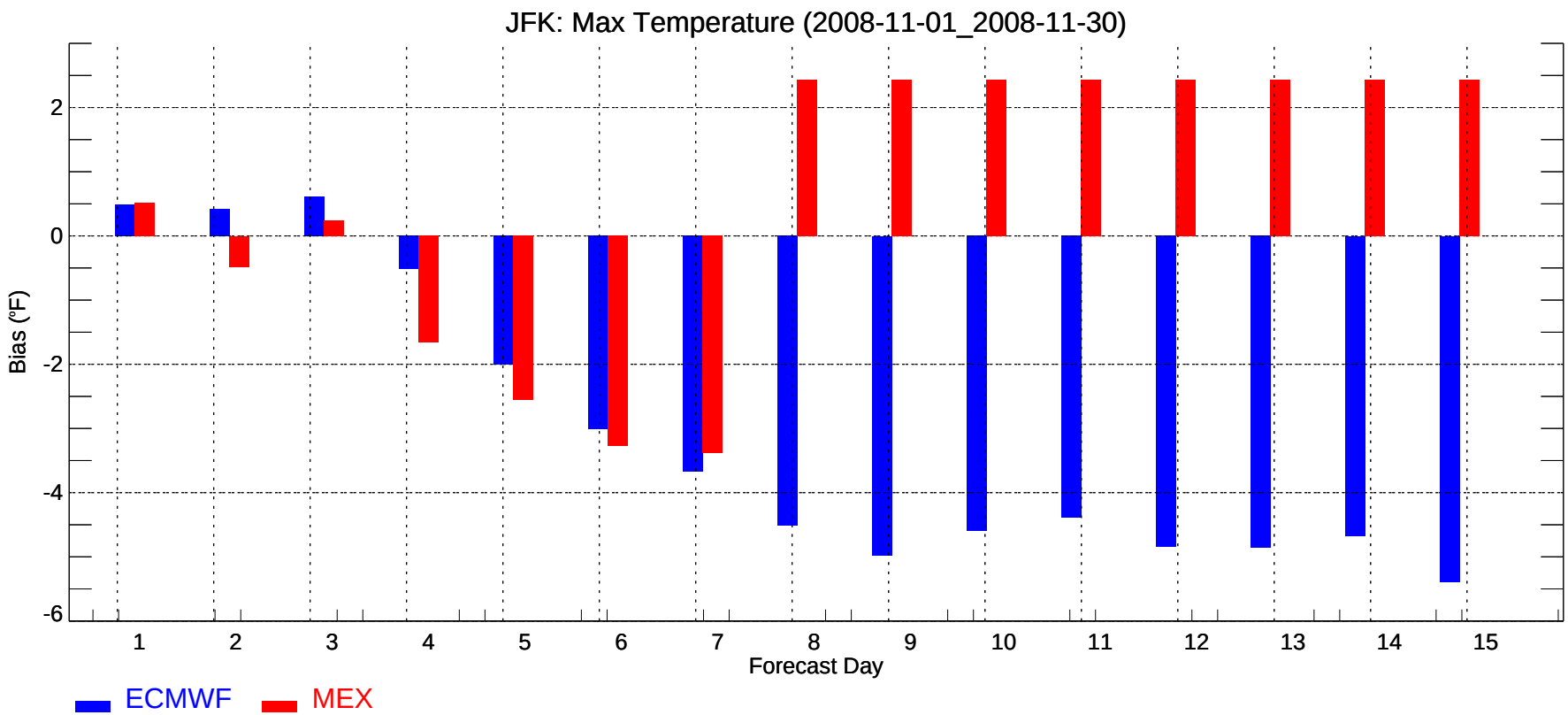
JFK: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
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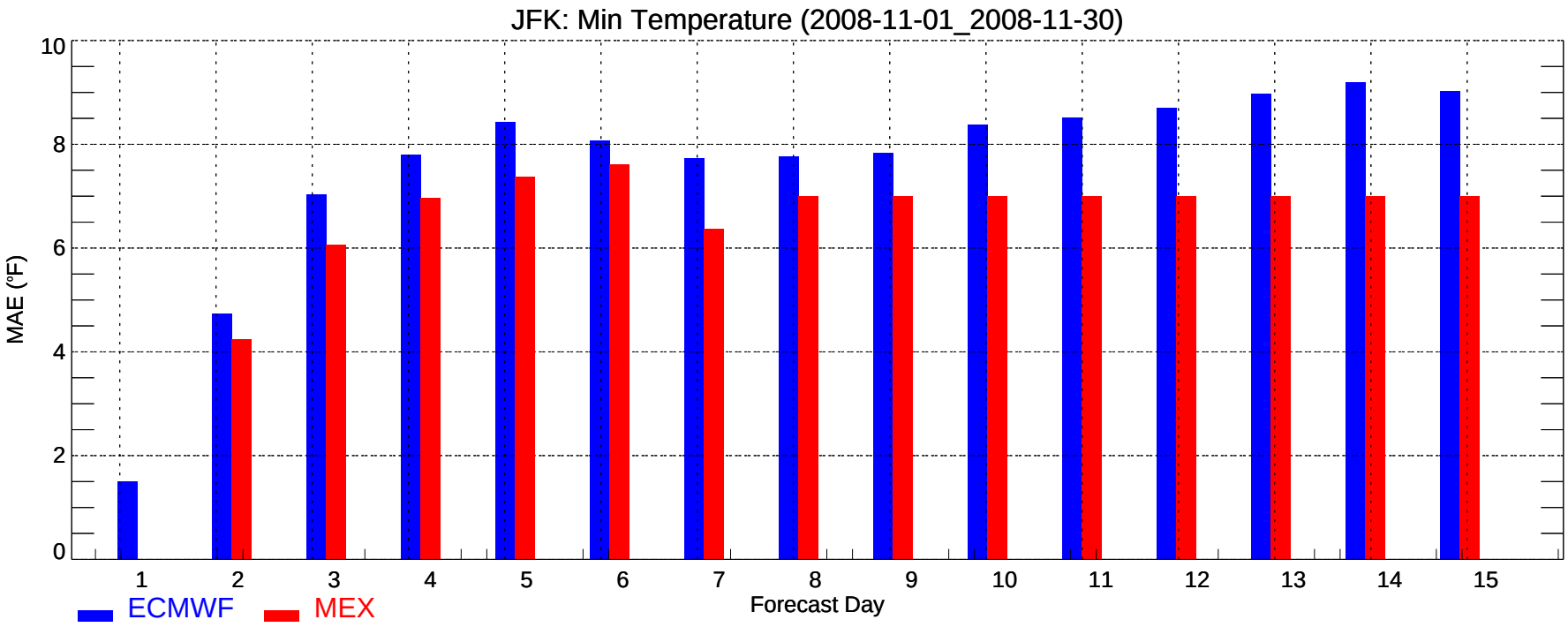
JFK: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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Forecast Day
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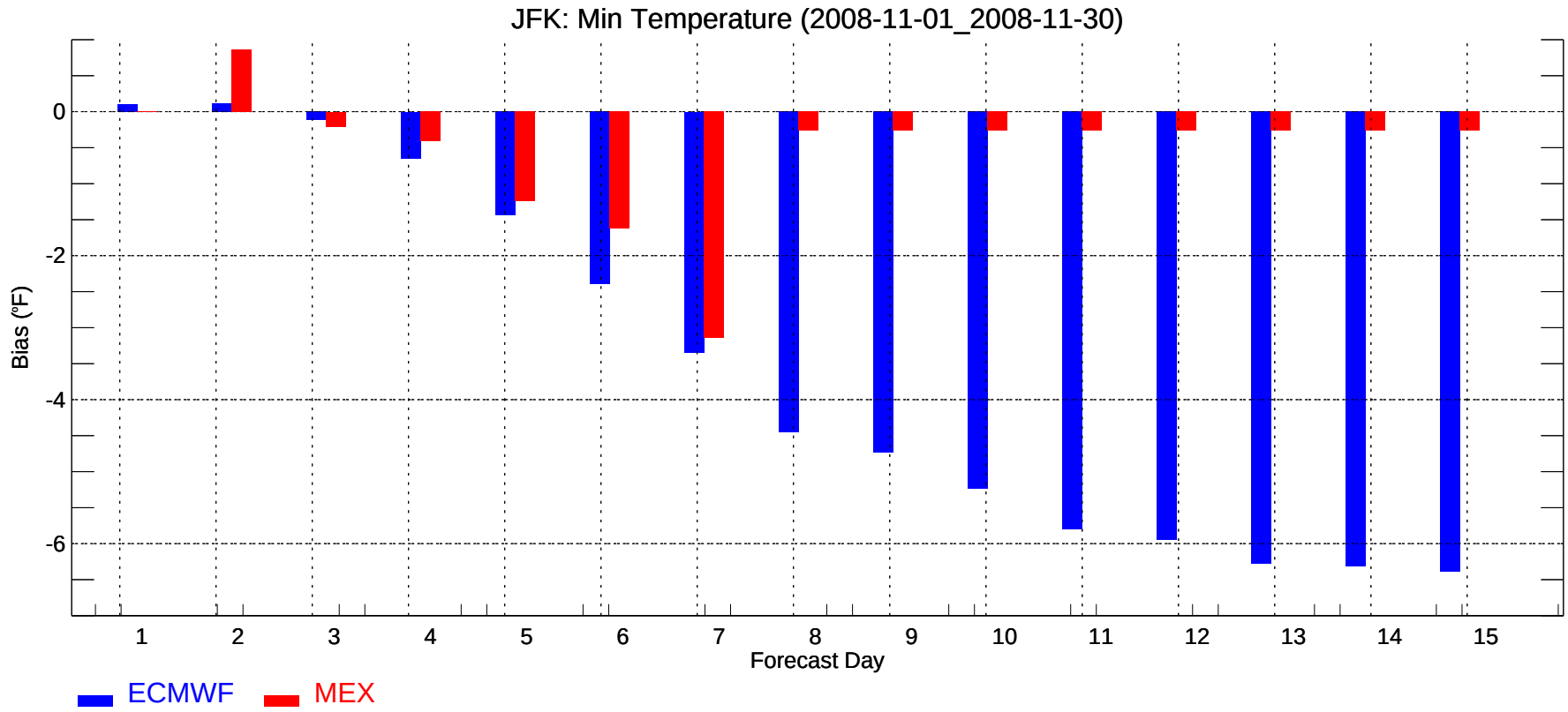
JFK: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
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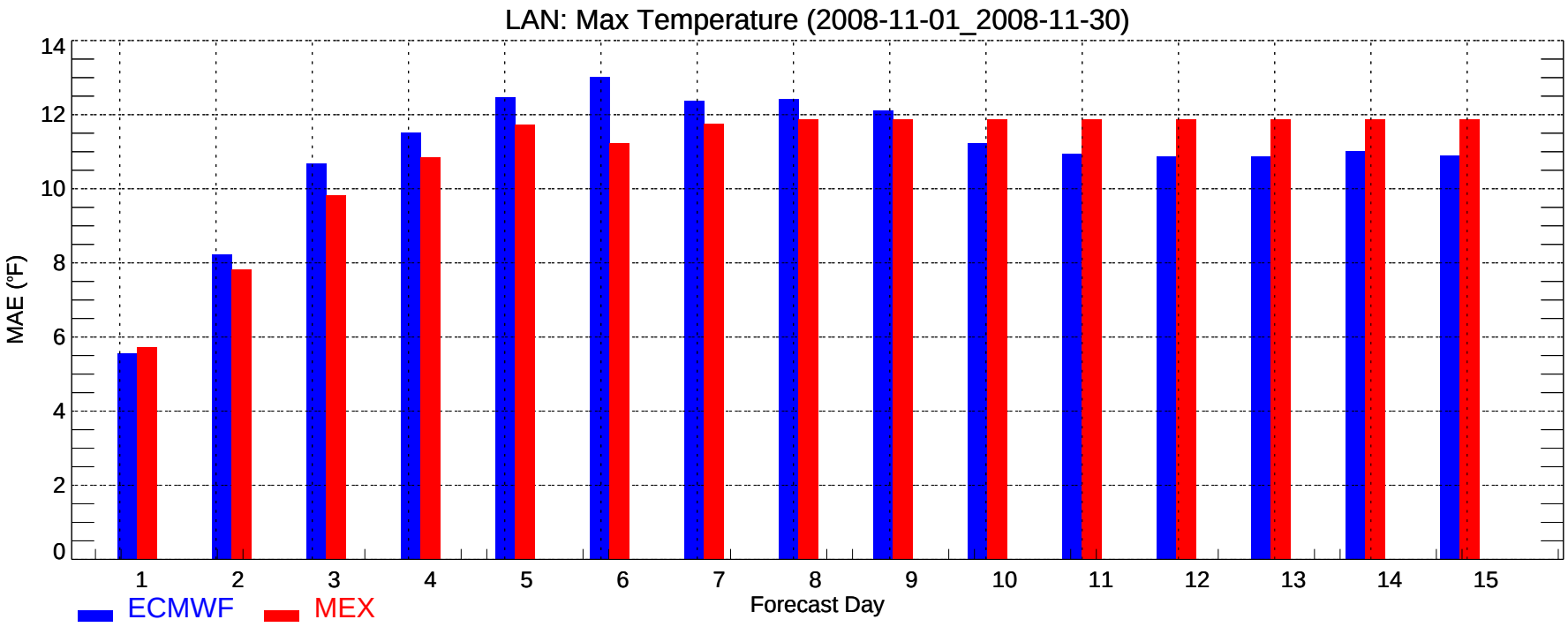
LAN: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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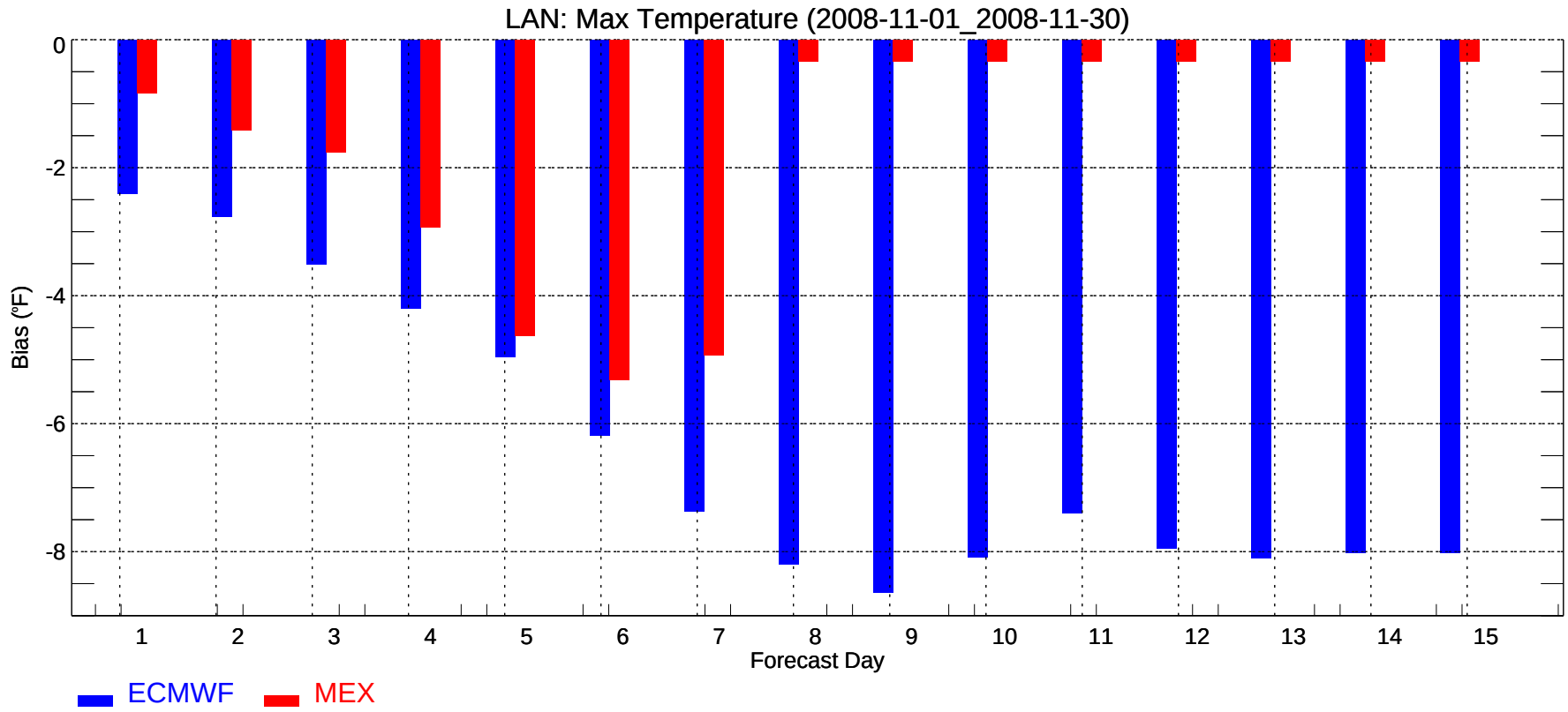
Forecast Day
ECMWF
MEX


LAN: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
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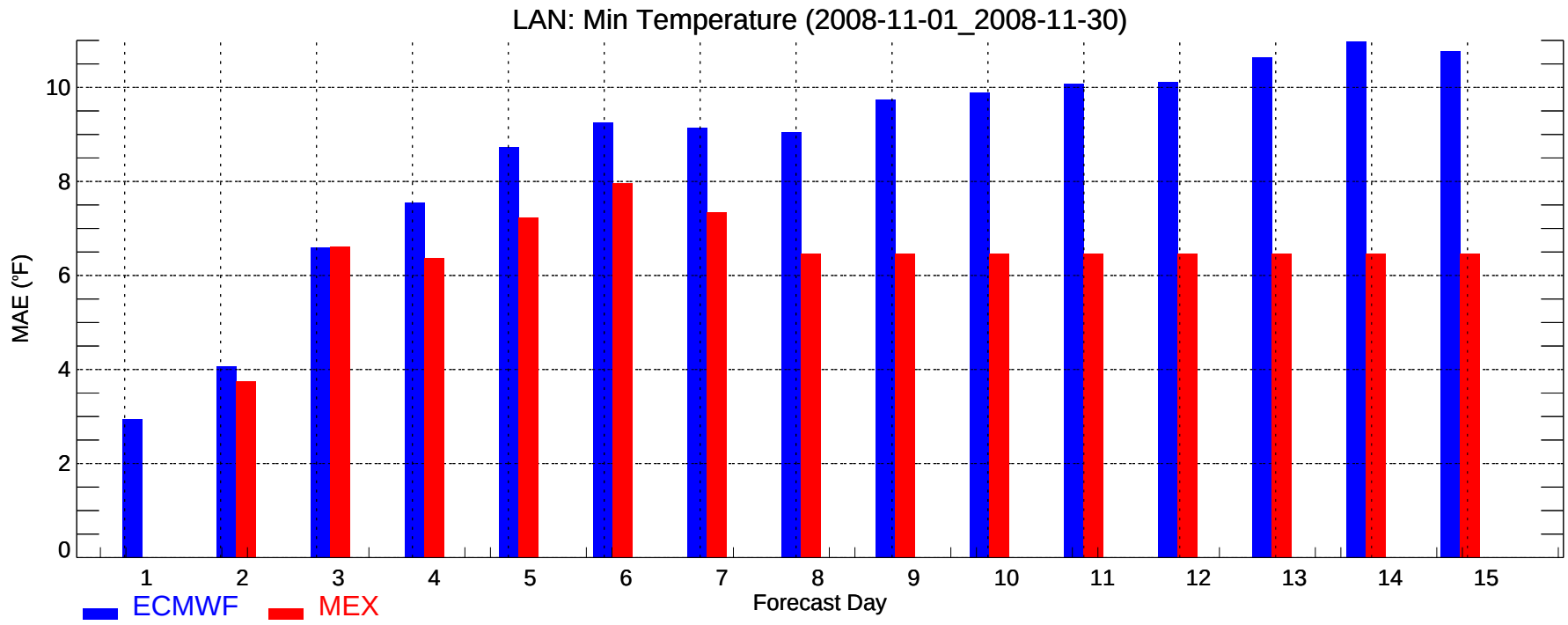
LAN: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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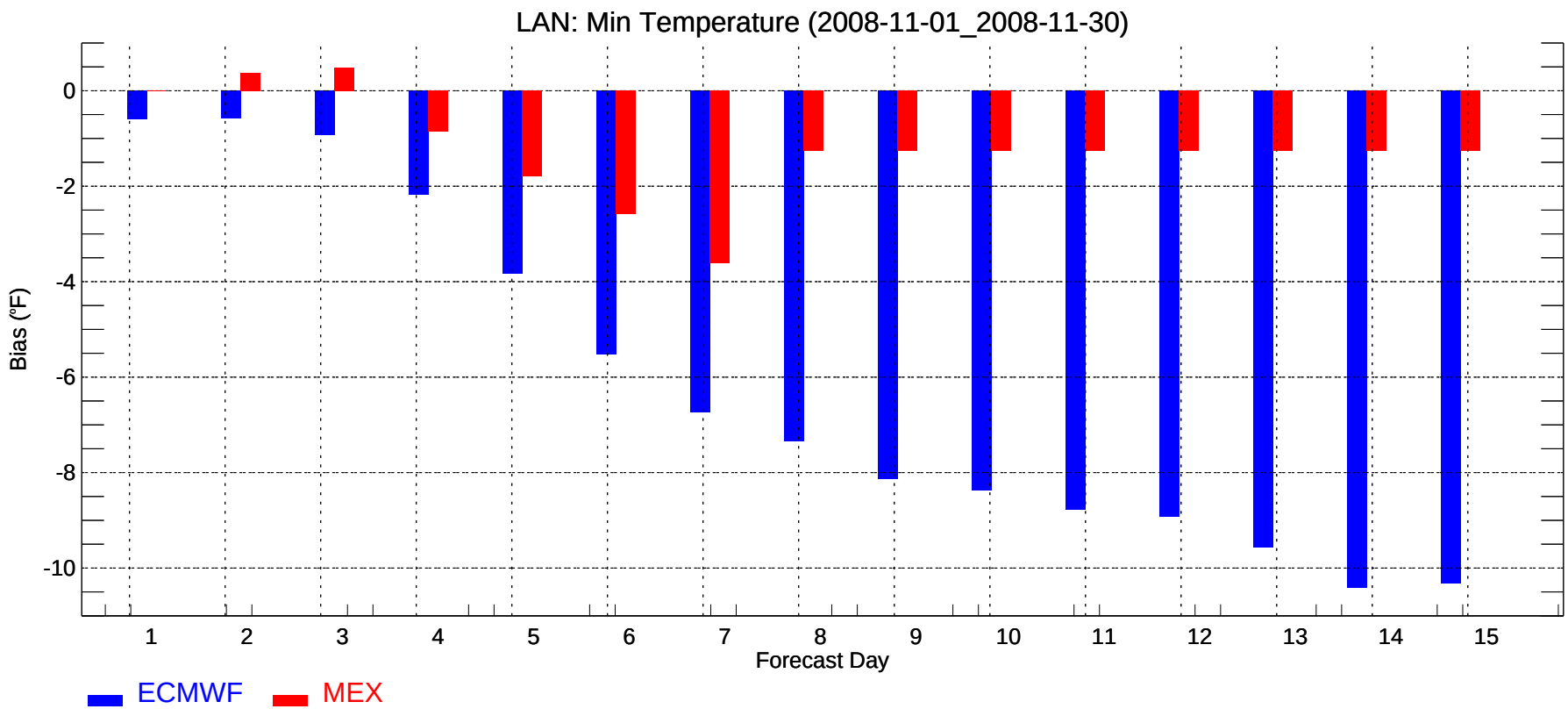
Forecast Day
ECMWF
MEX


LAN: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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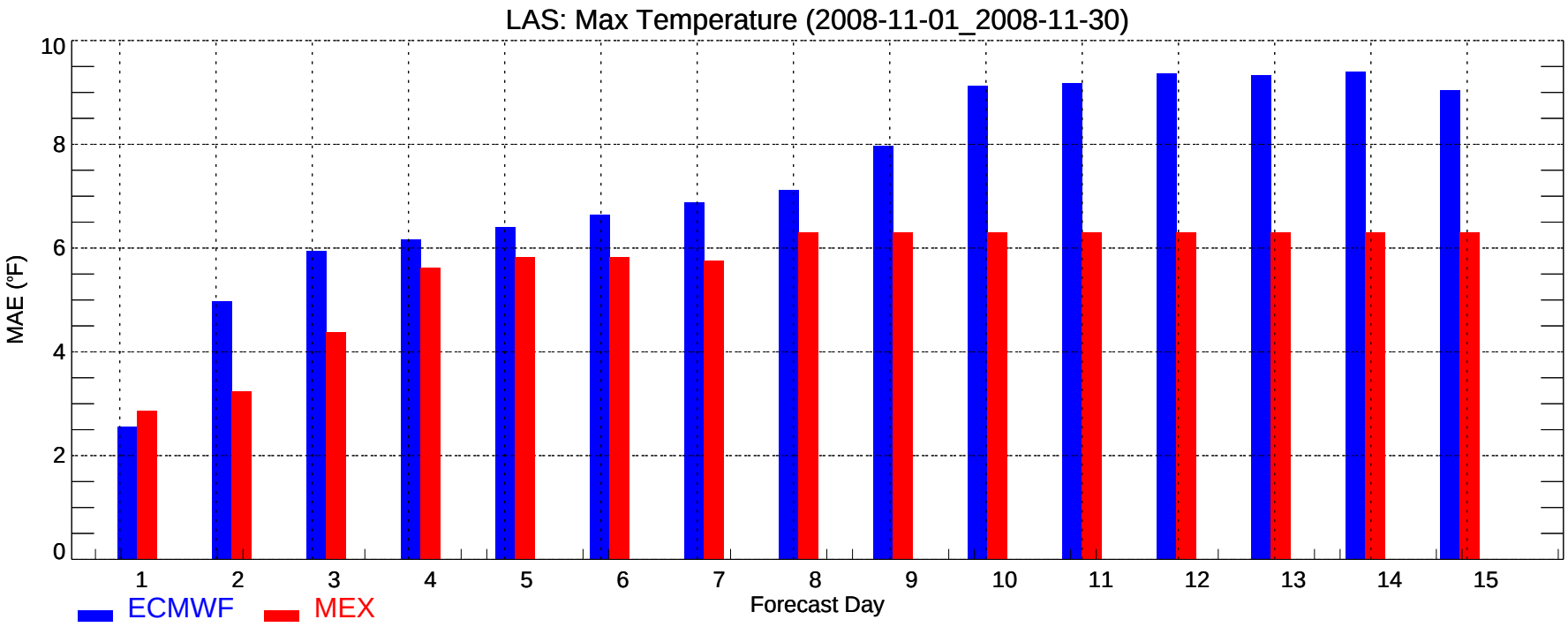
Forecast Day
ECMWF
MEX


LAS: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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Forecast Day
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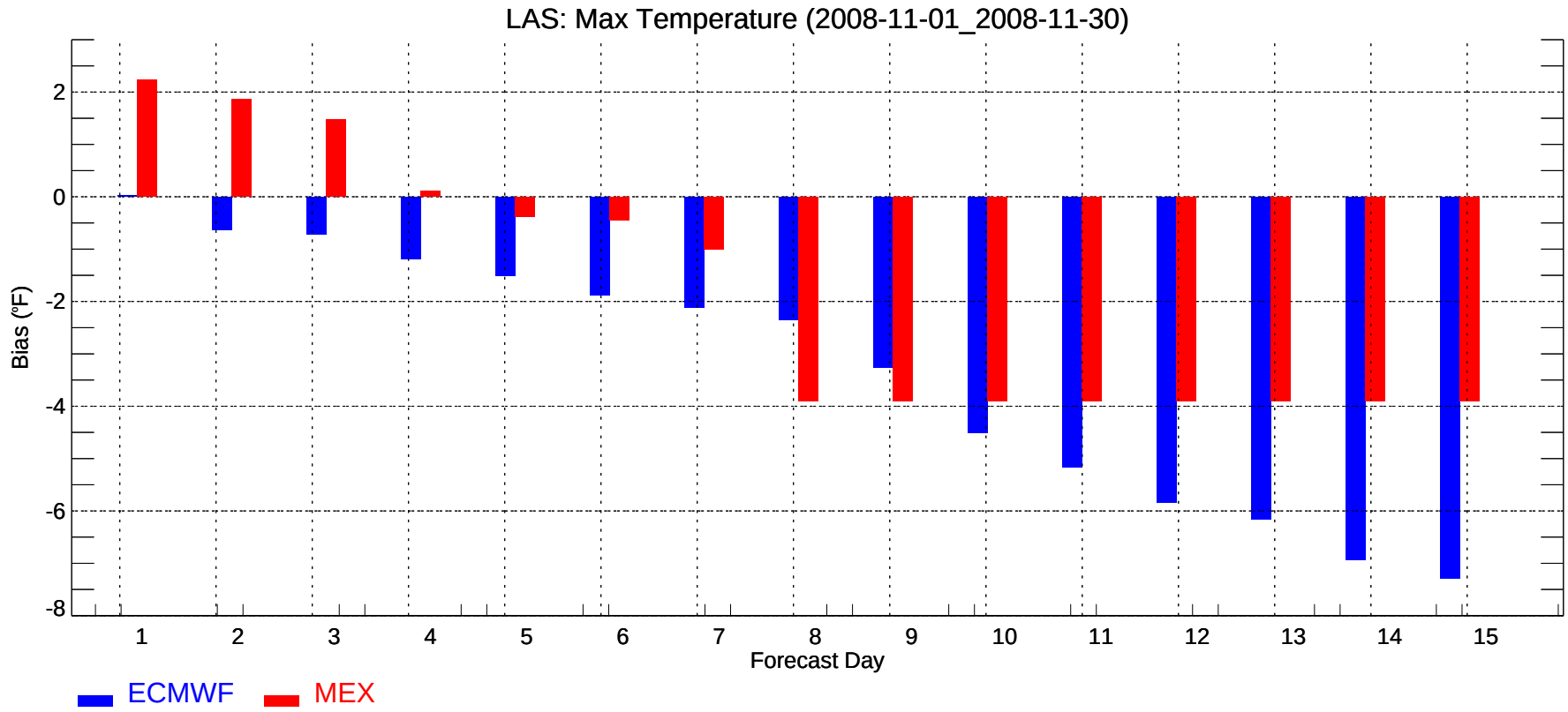
MEX


LAS: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
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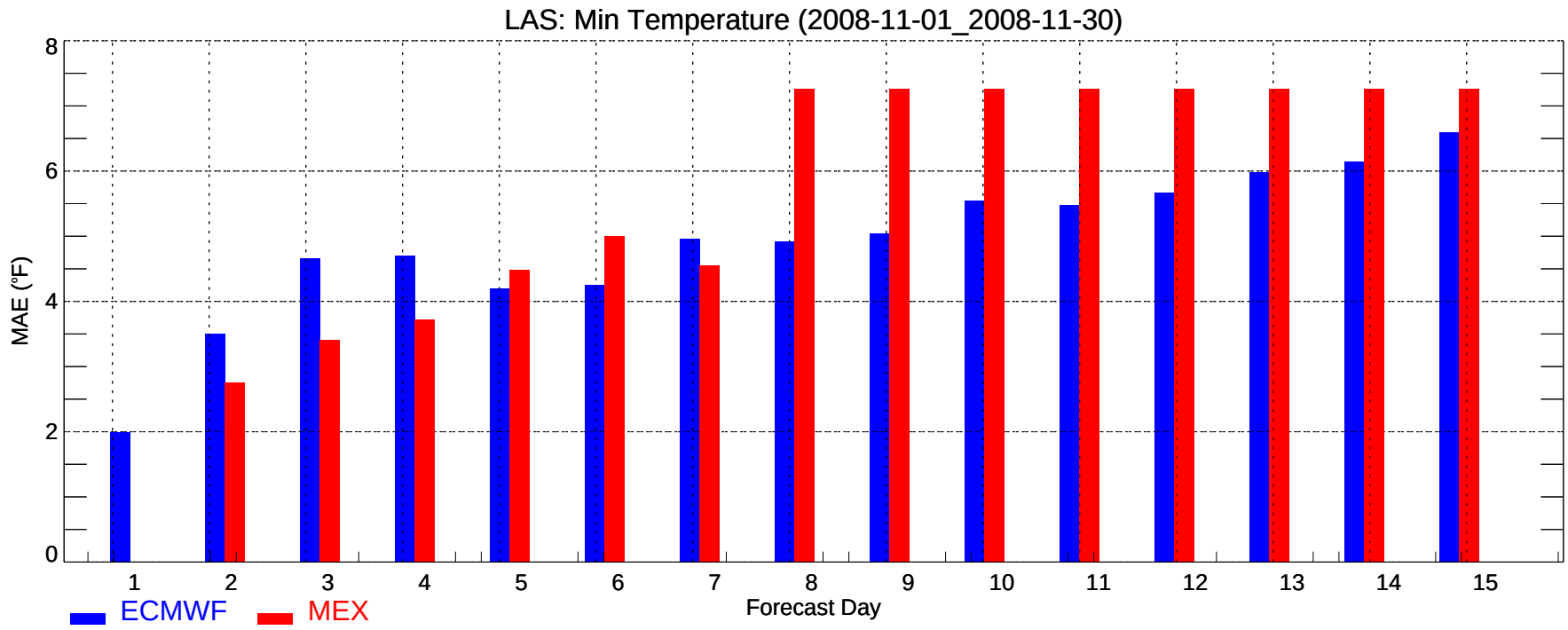
MEX


LAS: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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Forecast Day
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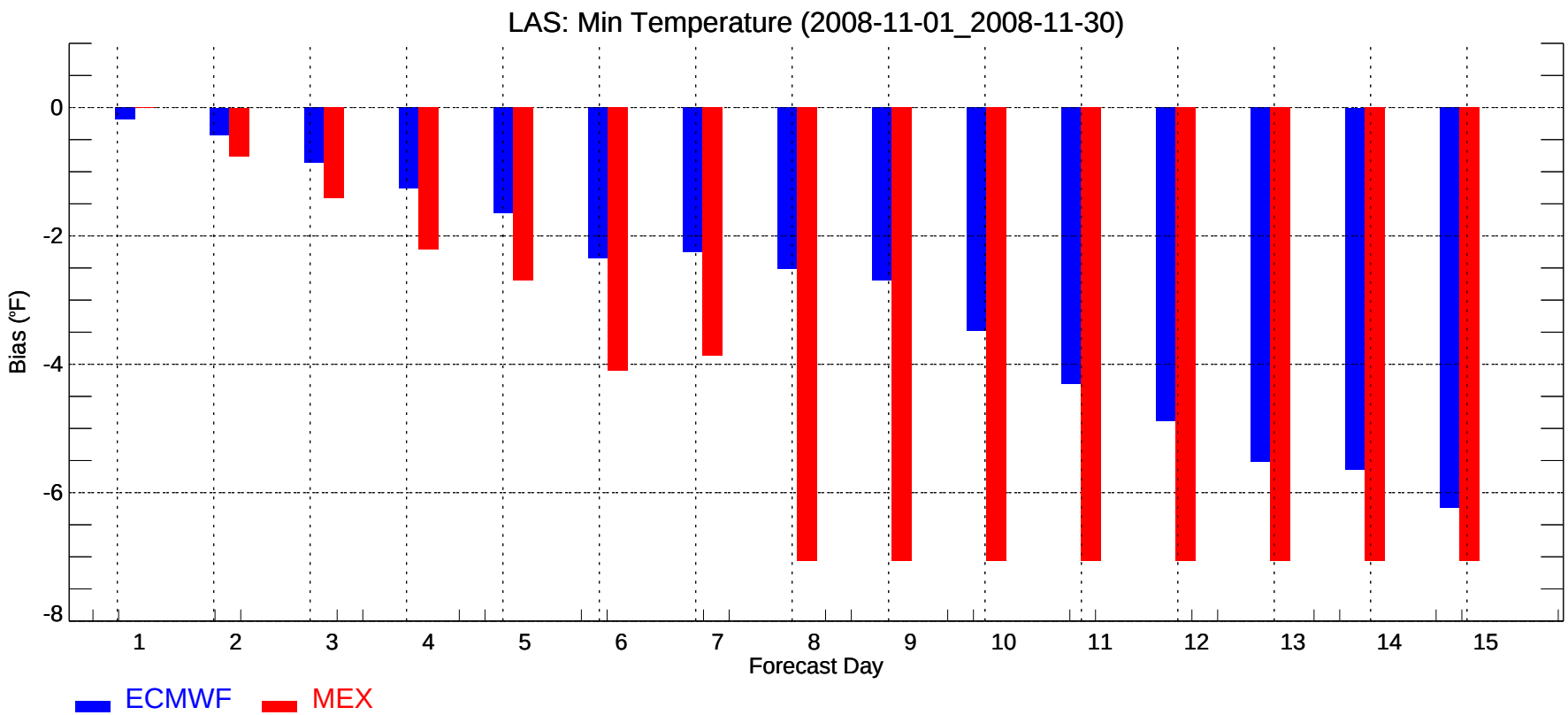
LAS: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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Forecast Day
ECMWF
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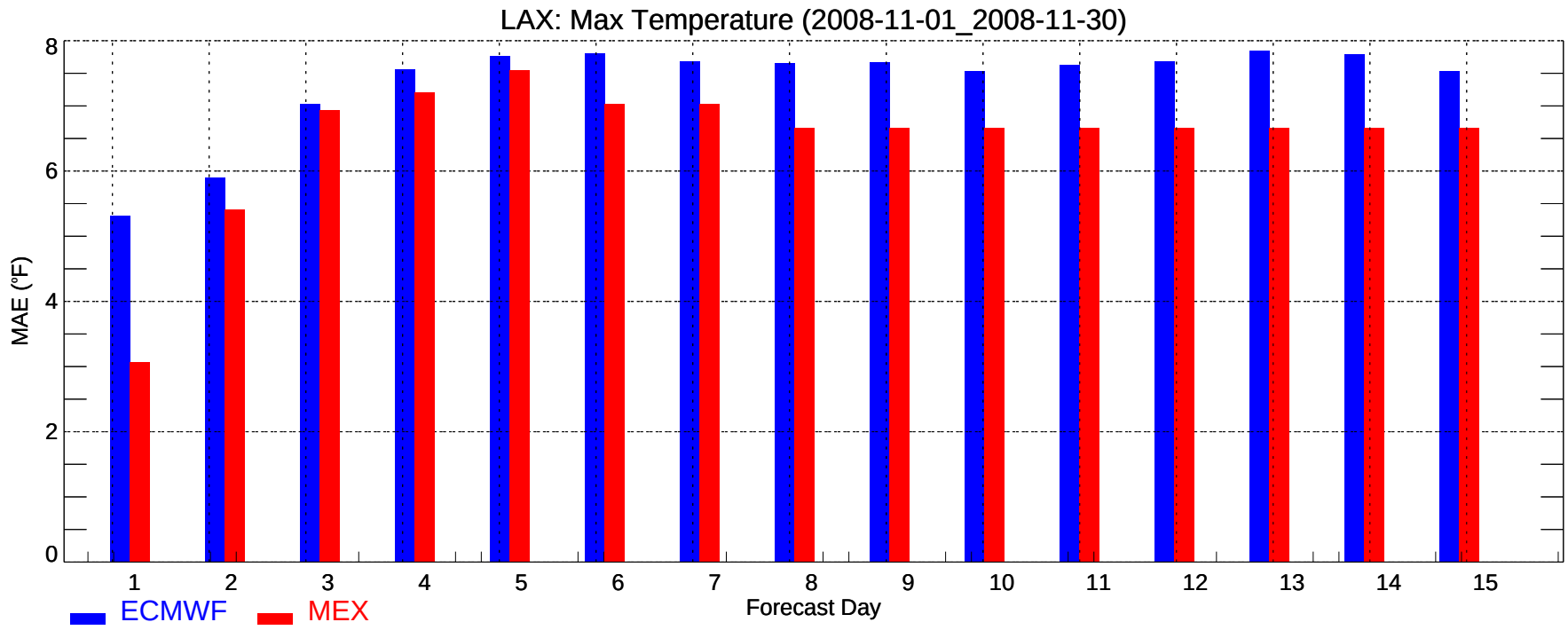
LAX: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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Forecast Day
ECMWF
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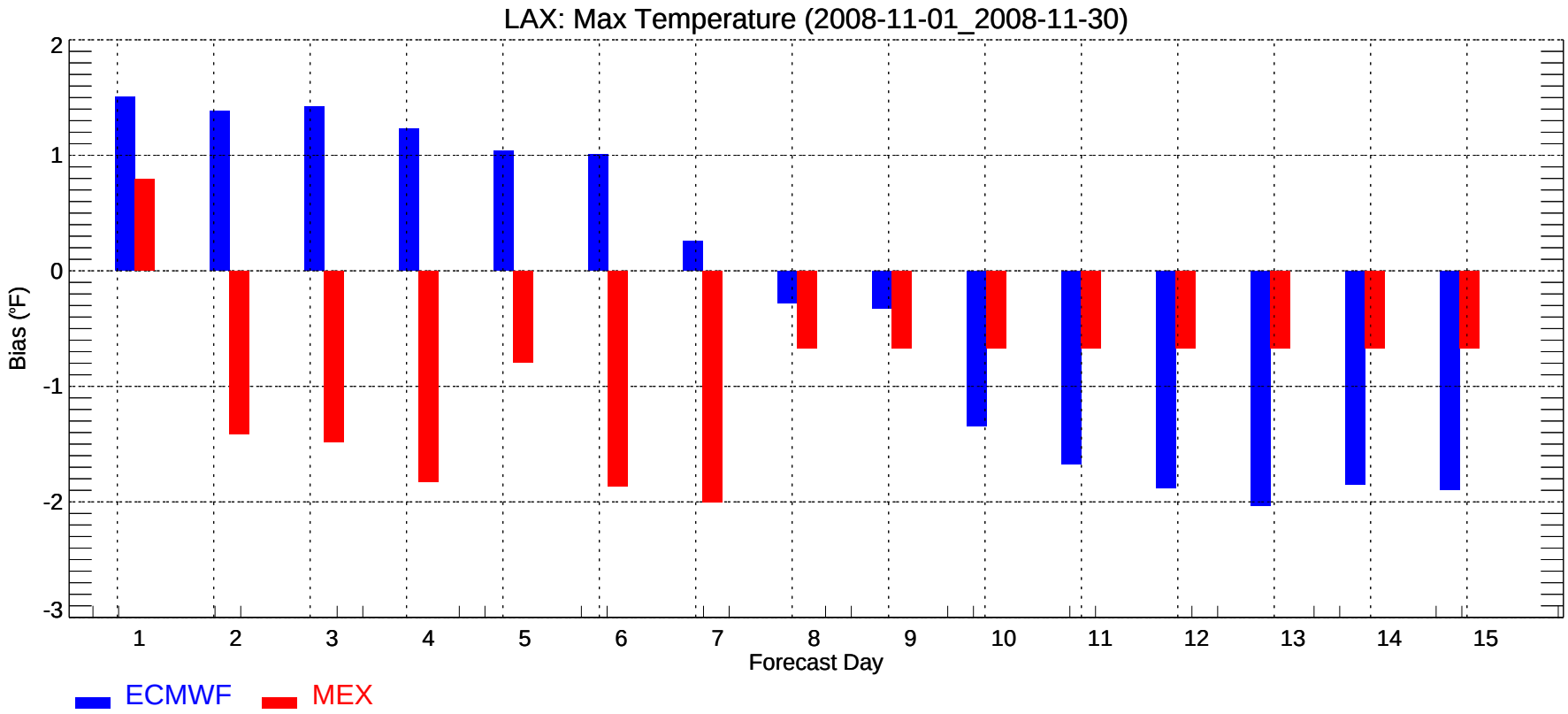
LAX: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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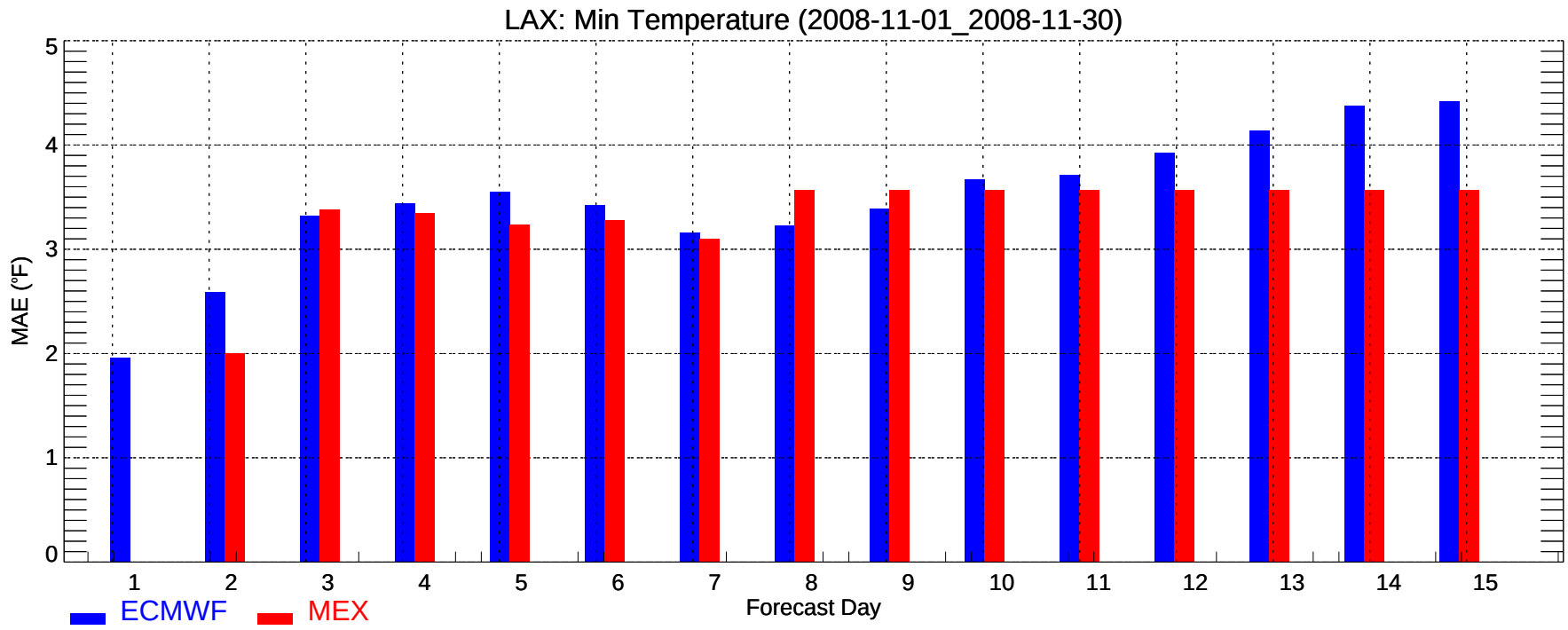
Forecast Day
ECMWF
MEX


LAX: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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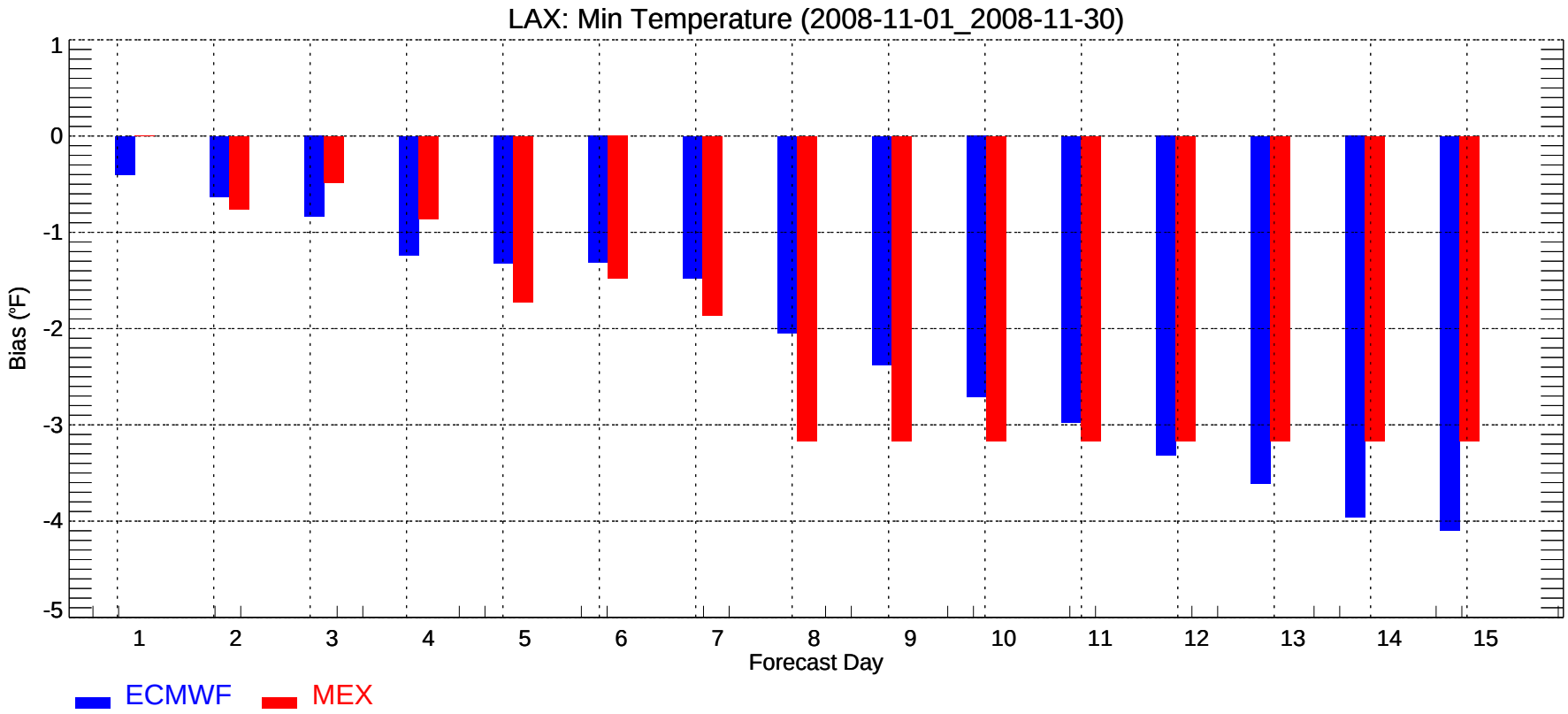
Forecast Day
ECMWF
MEX


LAX: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
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10
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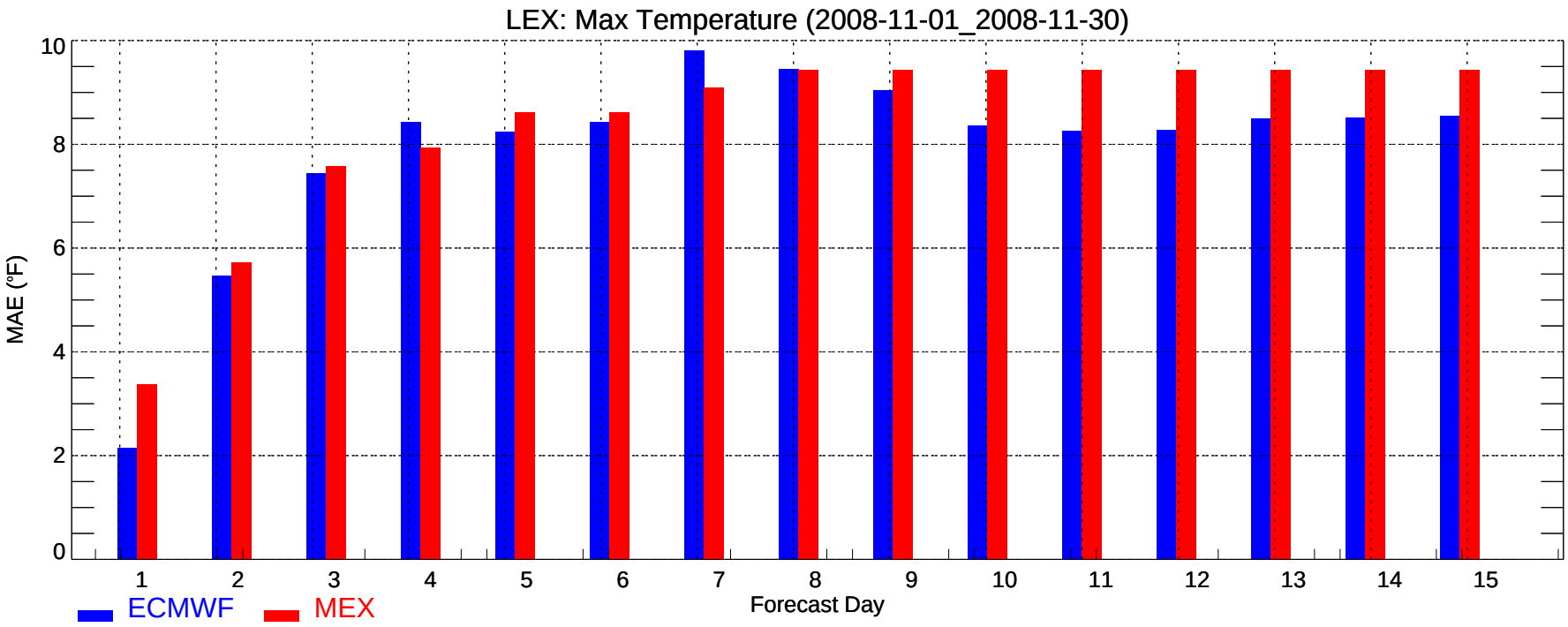
13
14
15
Forecast Day
ECMWF
MEX


LEX: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
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5
6
7
8
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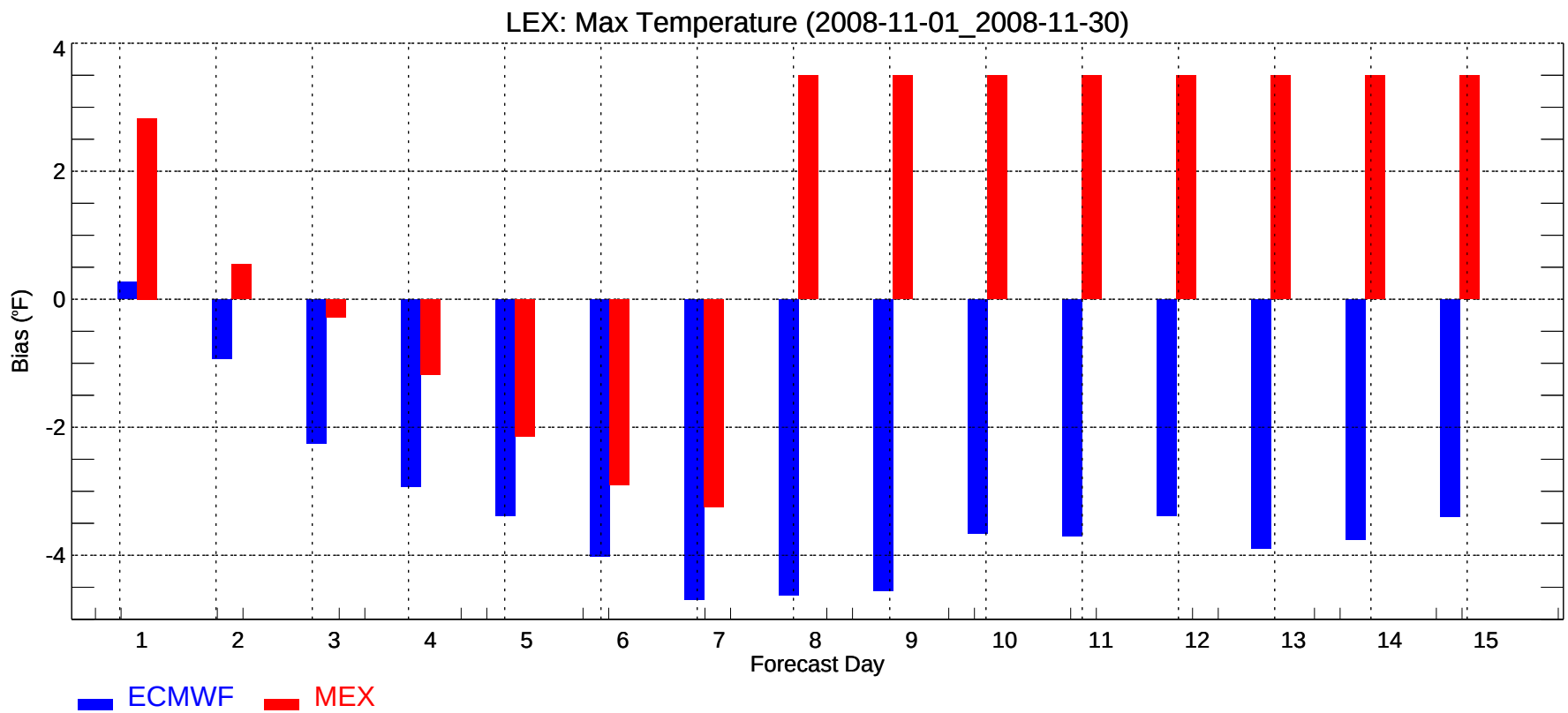
10
11
12
13
14
15
Forecast Day
ECMWF
MEX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Bias (°F)
4
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0
-2
-4
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8
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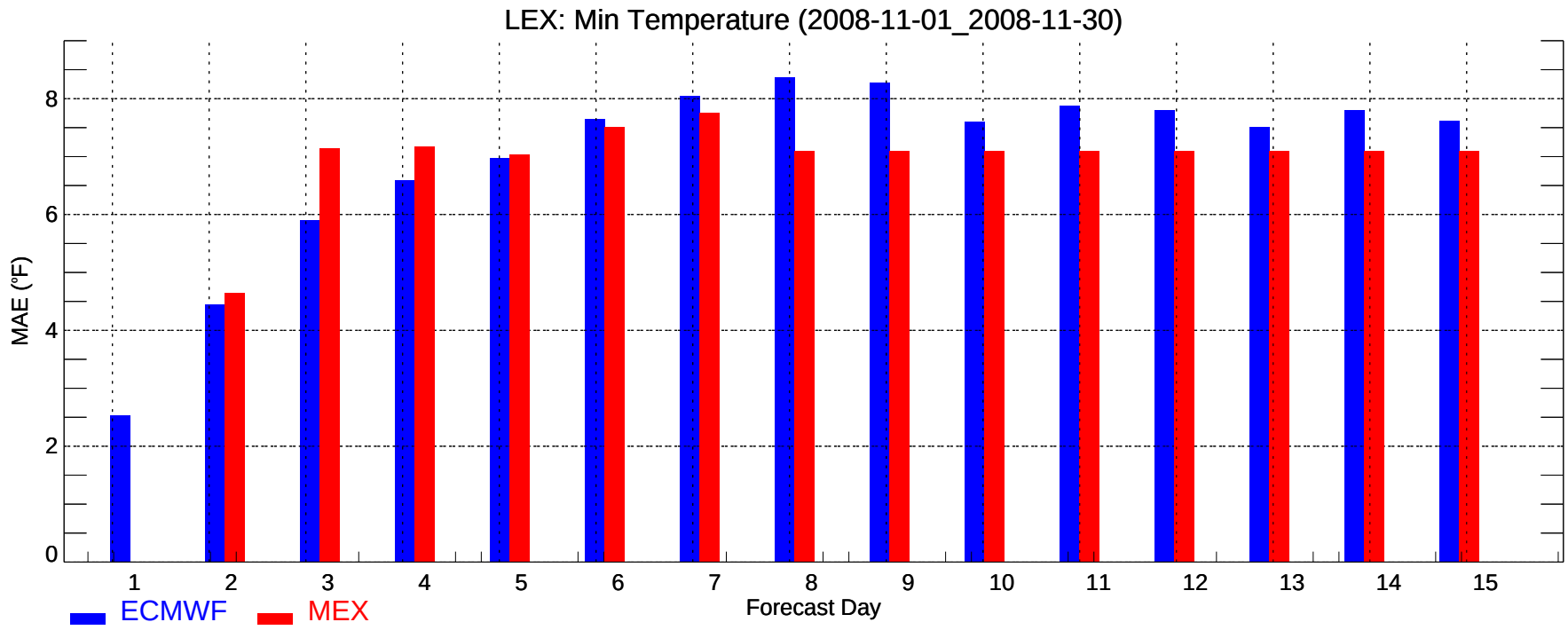
12
13
14
15
Forecast Day
ECMWF
MEX


LEX: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
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13
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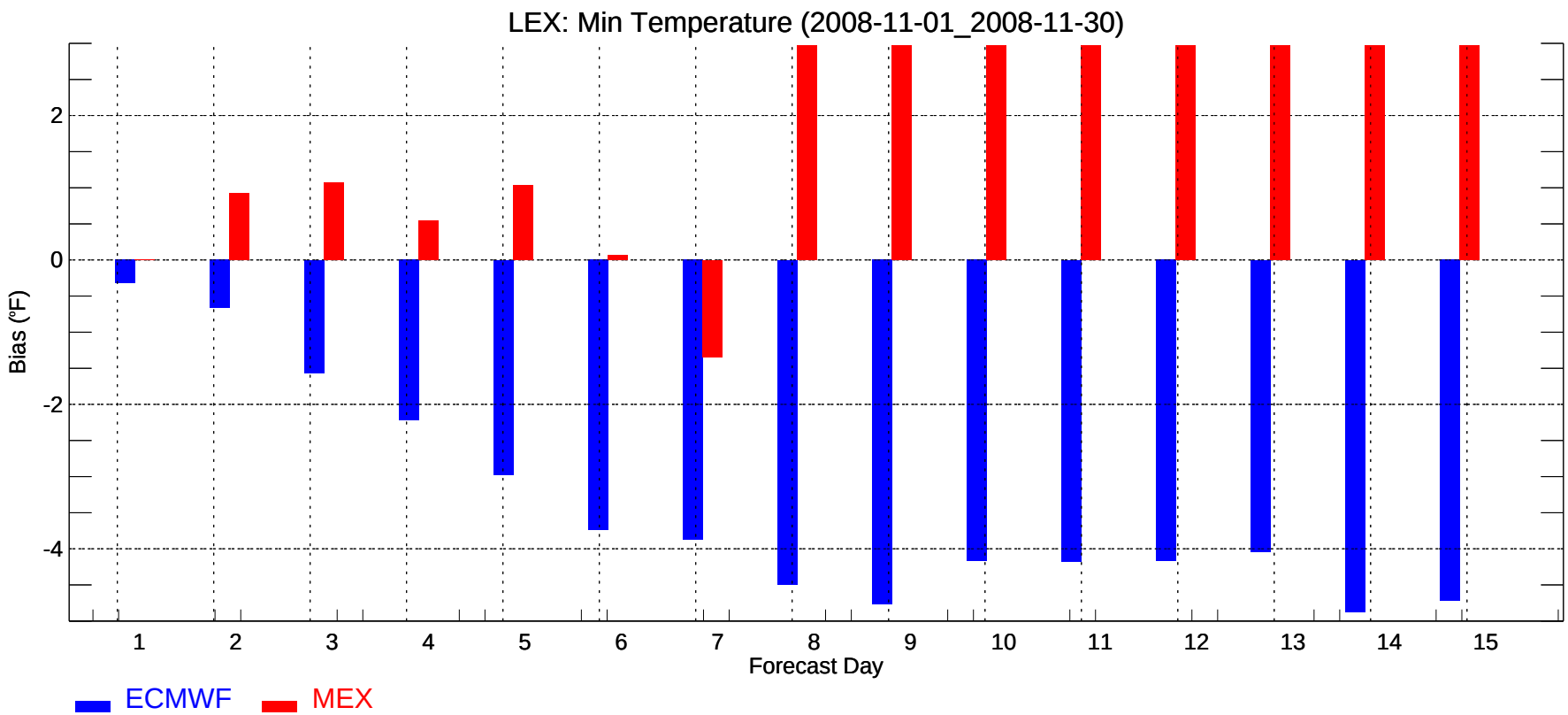
Forecast Day
ECMWF
MEX


LEX: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
1
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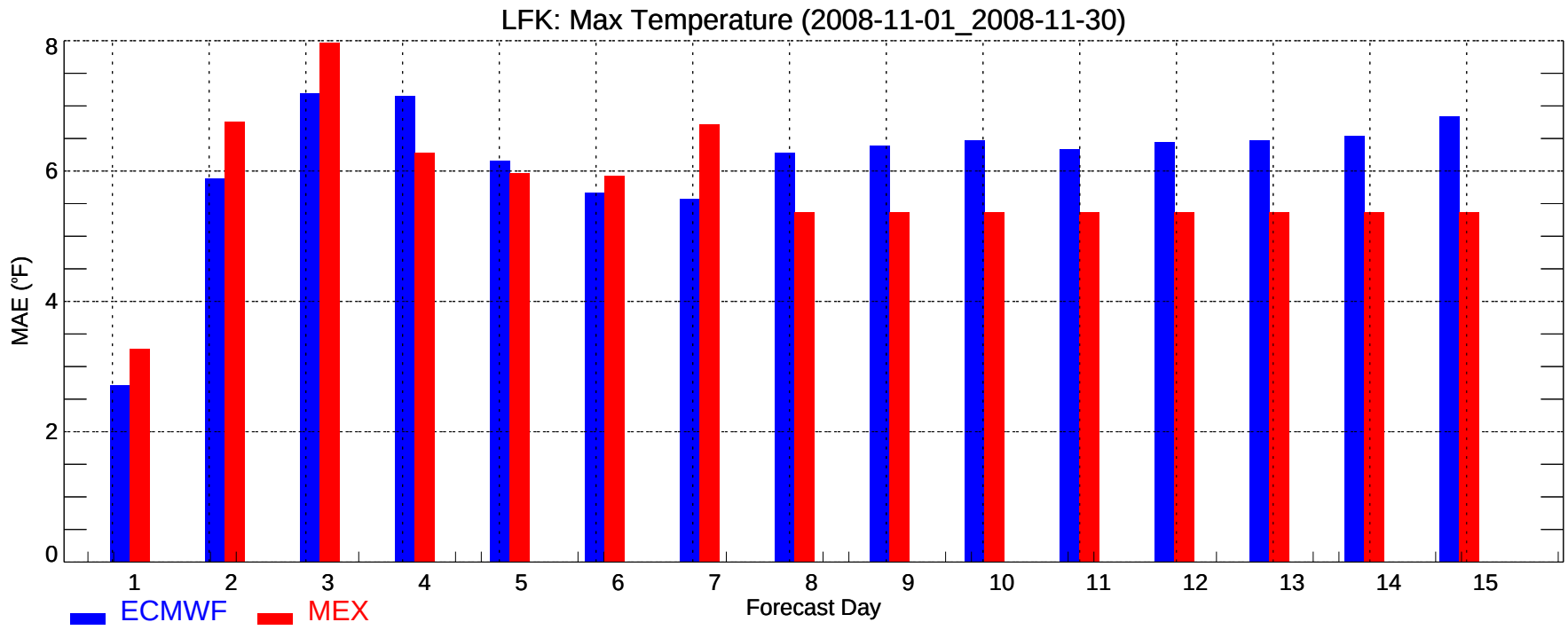
Forecast Day
ECMWF
MEX


LFK: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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2
4
6
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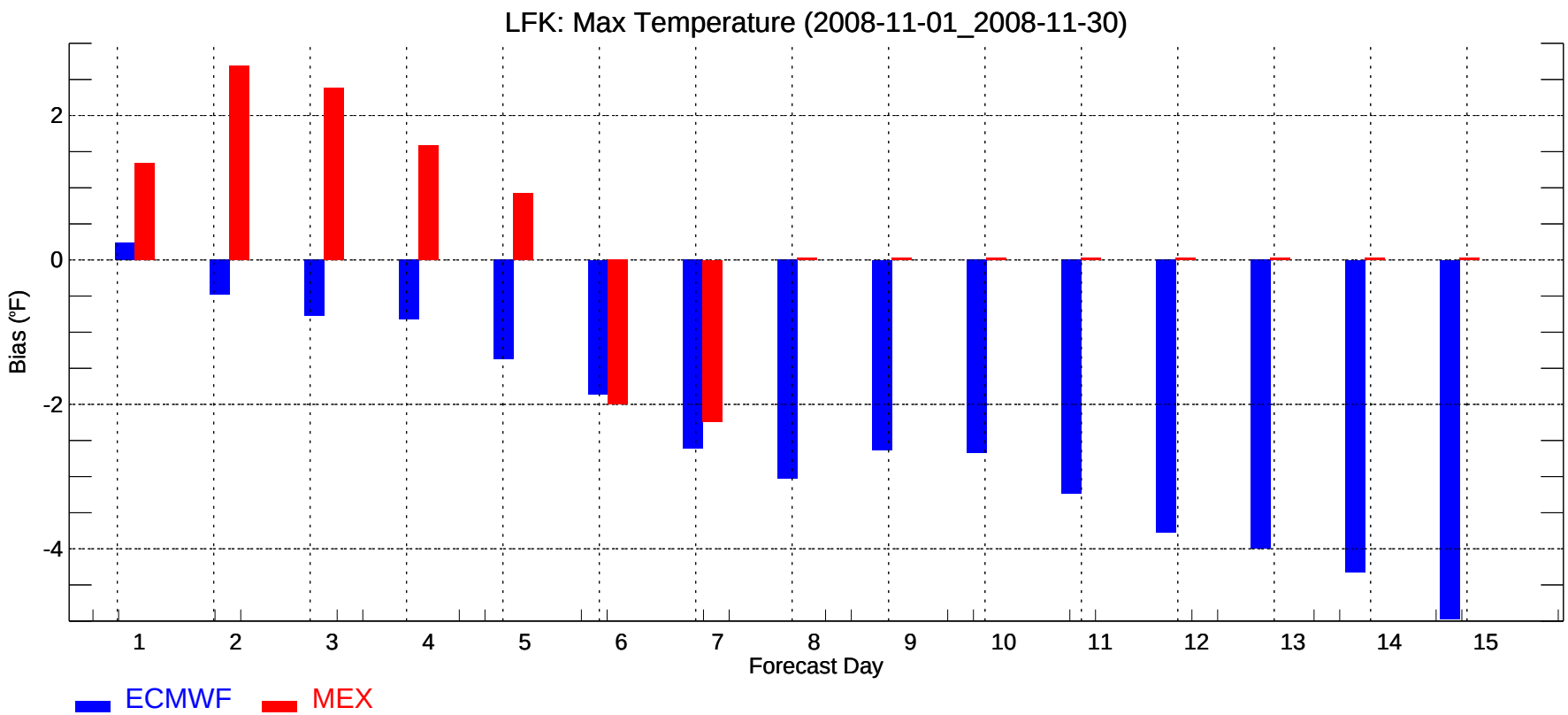
Forecast Day
ECMWF
MEX


LFK: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
1
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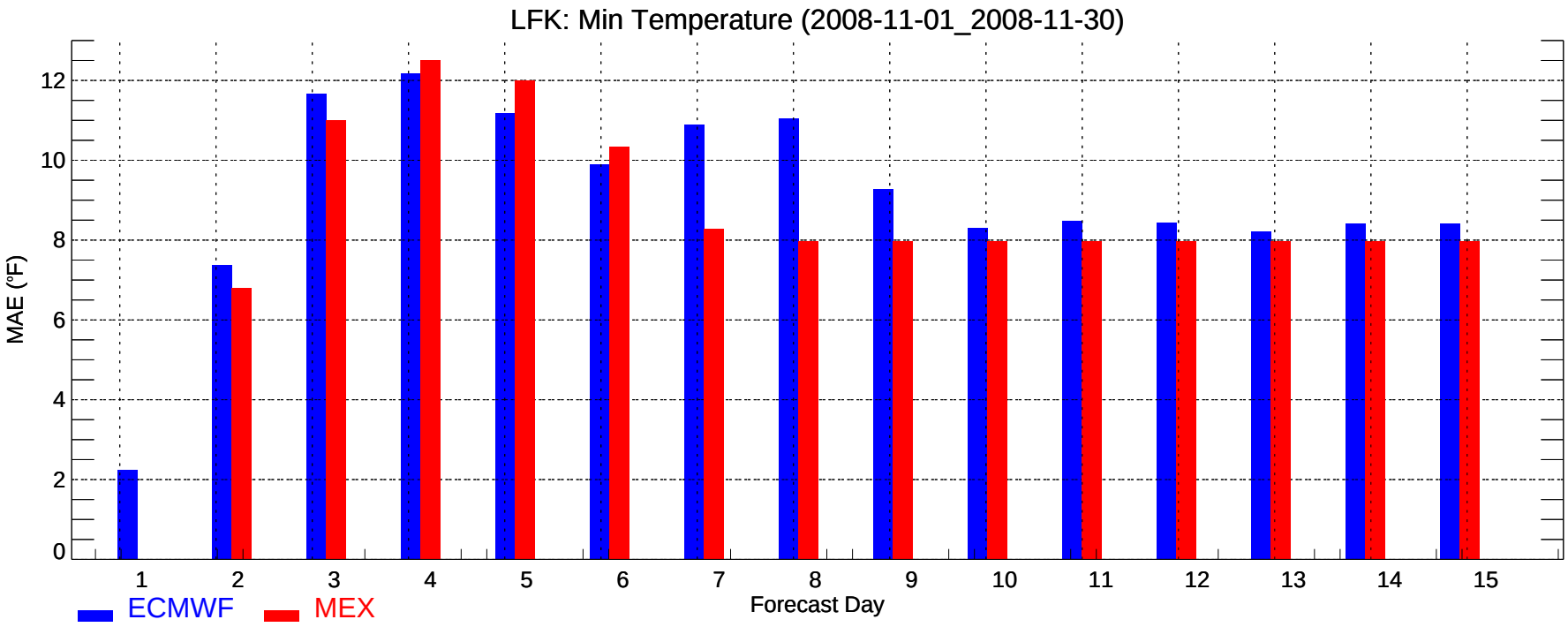
Forecast Day
ECMWF
MEX


LFK: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
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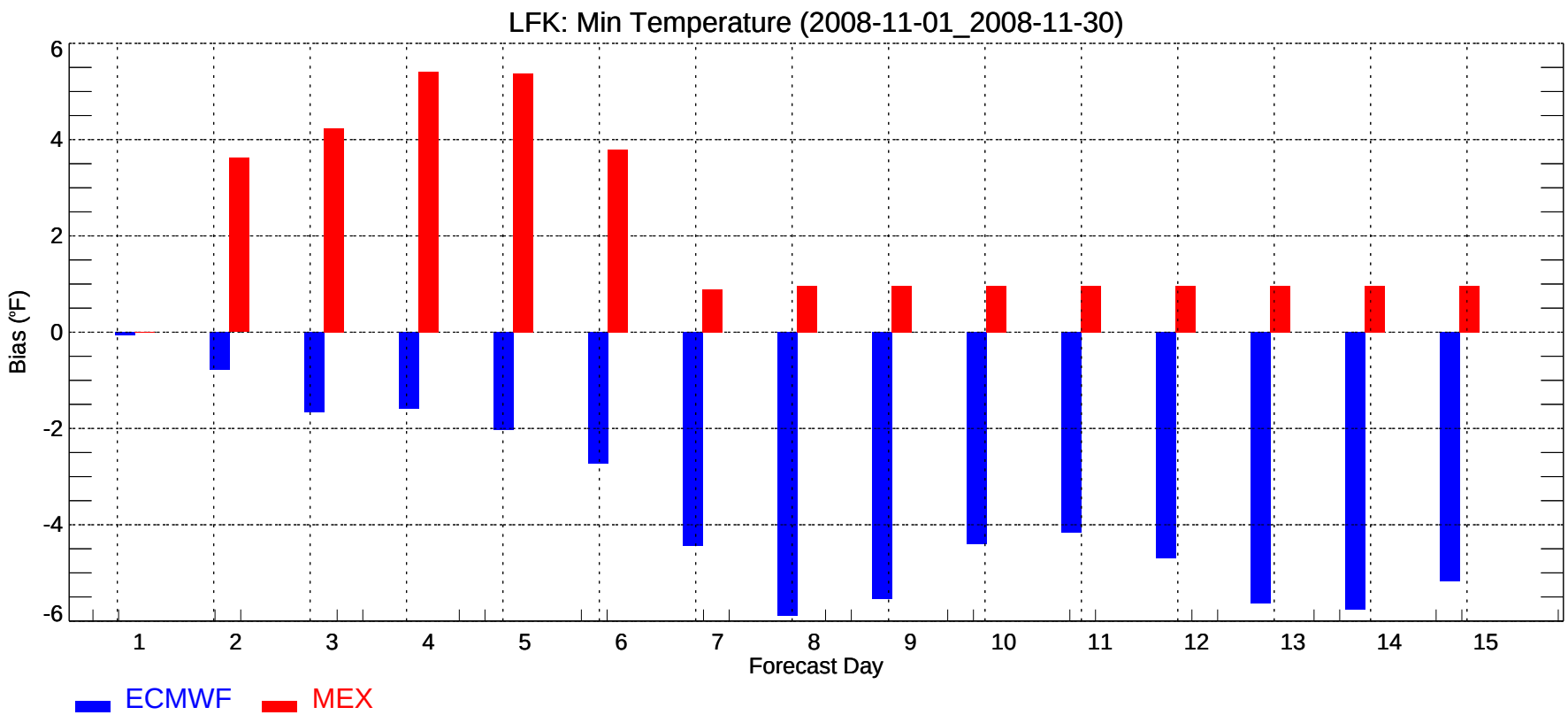
Forecast Day
ECMWF
MEX


LFK: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
6
4
2
0
-2
-4
-6
1
2
3
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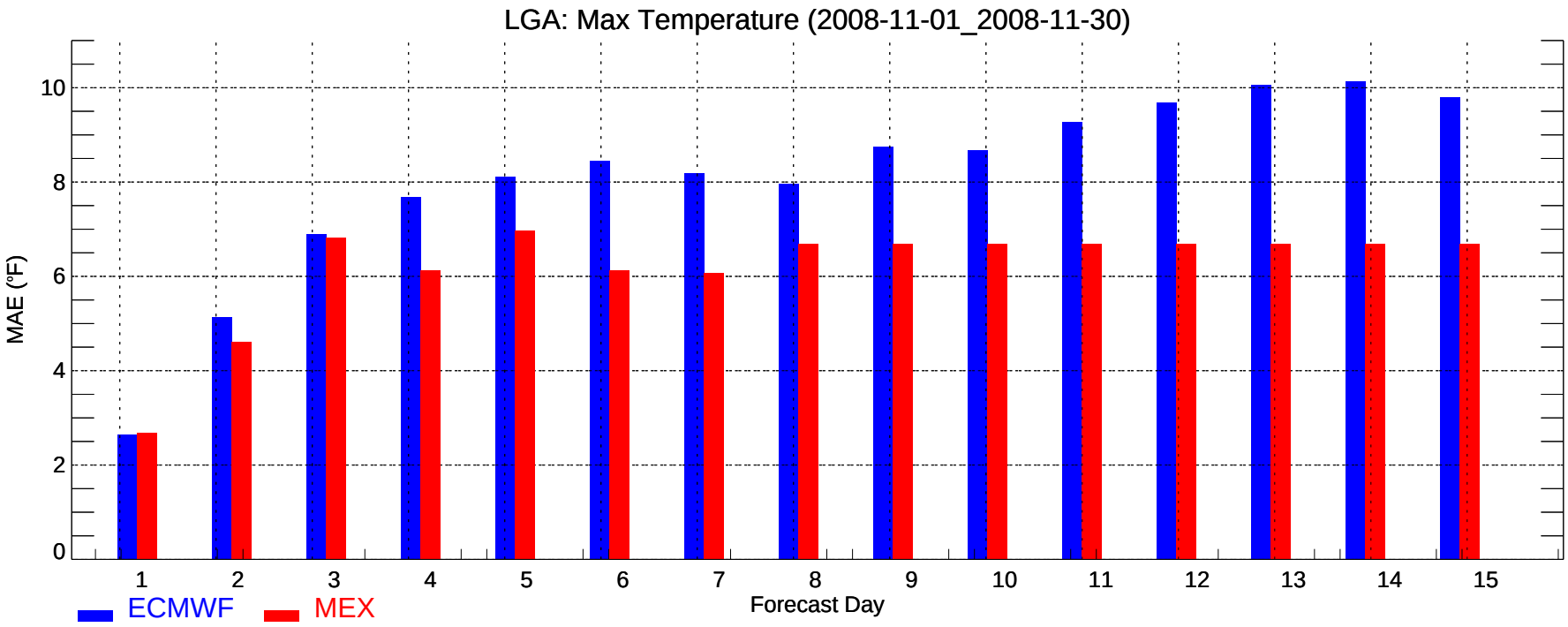
Forecast Day
ECMWF
MEX


LGA: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
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6
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8
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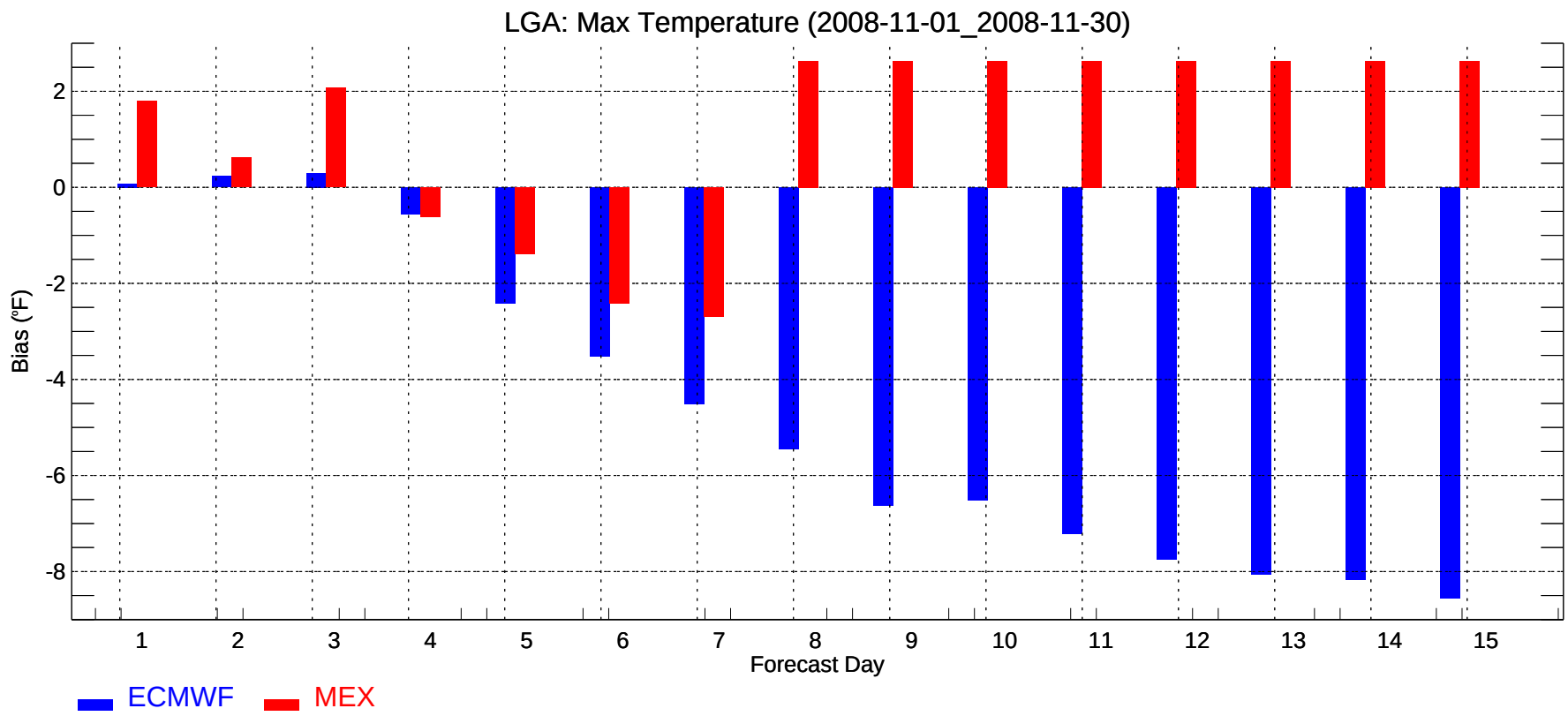
12
13
14
15
Forecast Day
ECMWF
MEX


LGA: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
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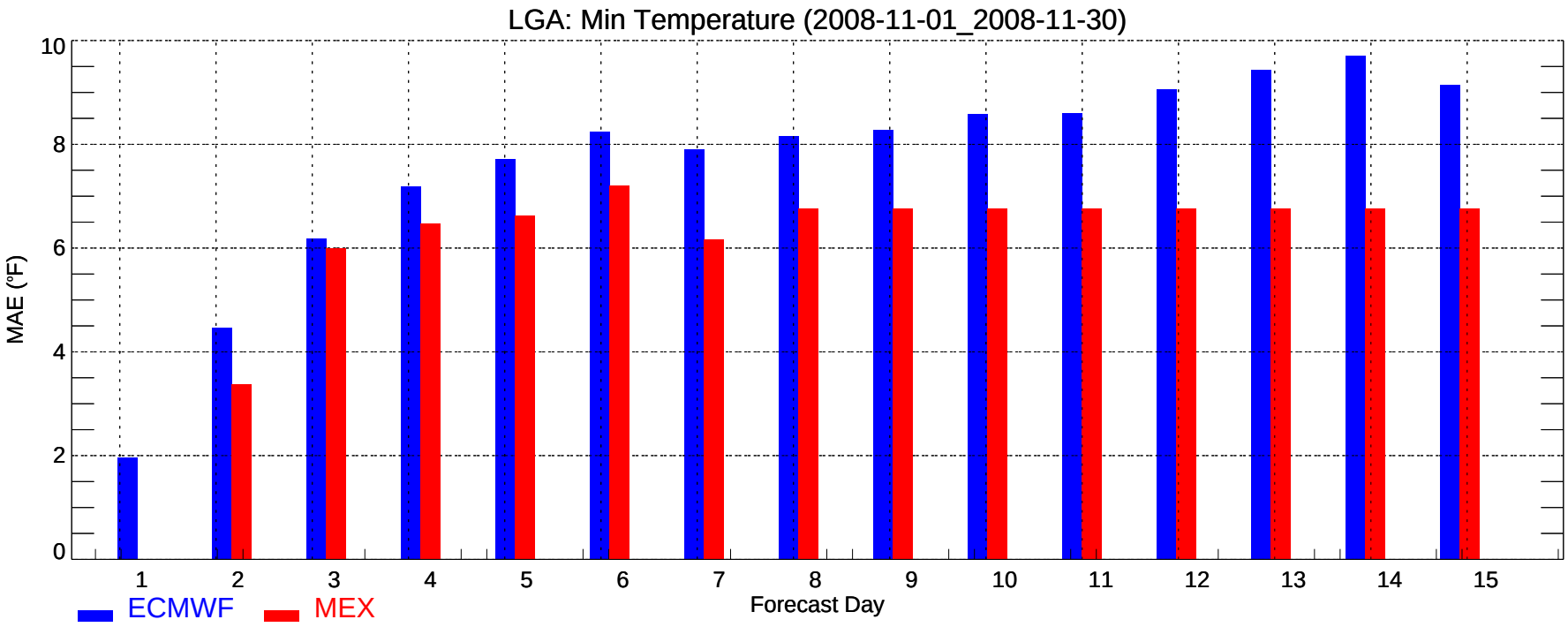
Forecast Day
ECMWF
MEX


LGA: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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13
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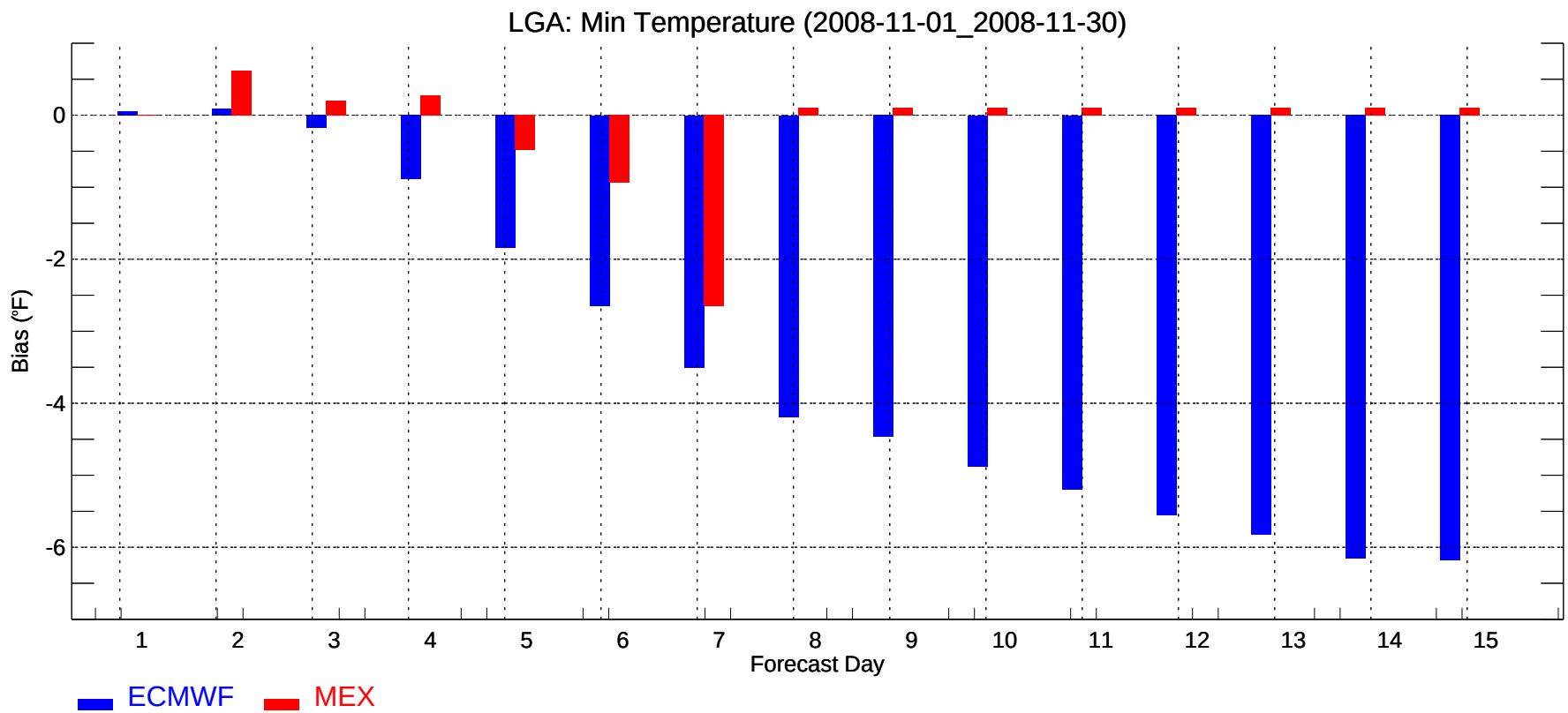
Forecast Day
ECMWF
MEX


LGA: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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-6
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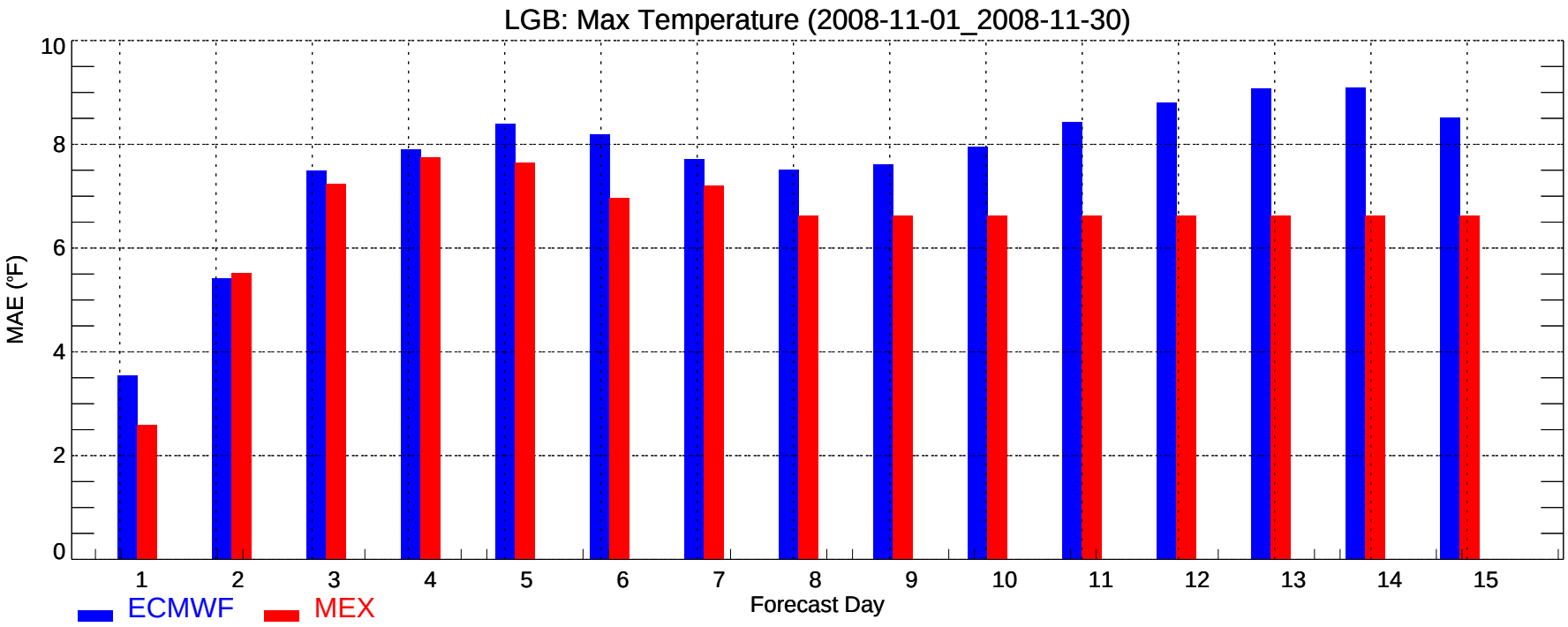
Forecast Day
ECMWF
MEX


LGB: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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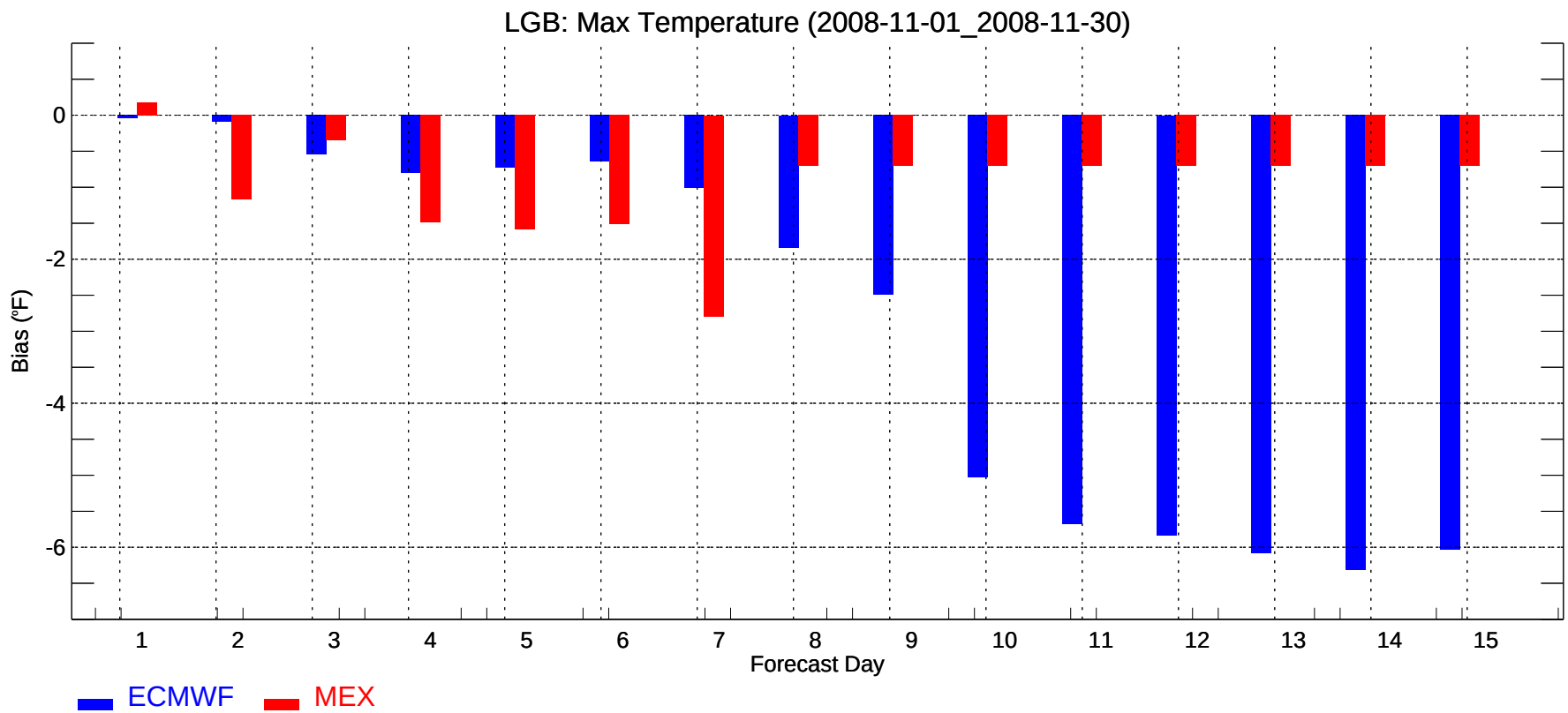
Forecast Day
ECMWF
MEX


LGB: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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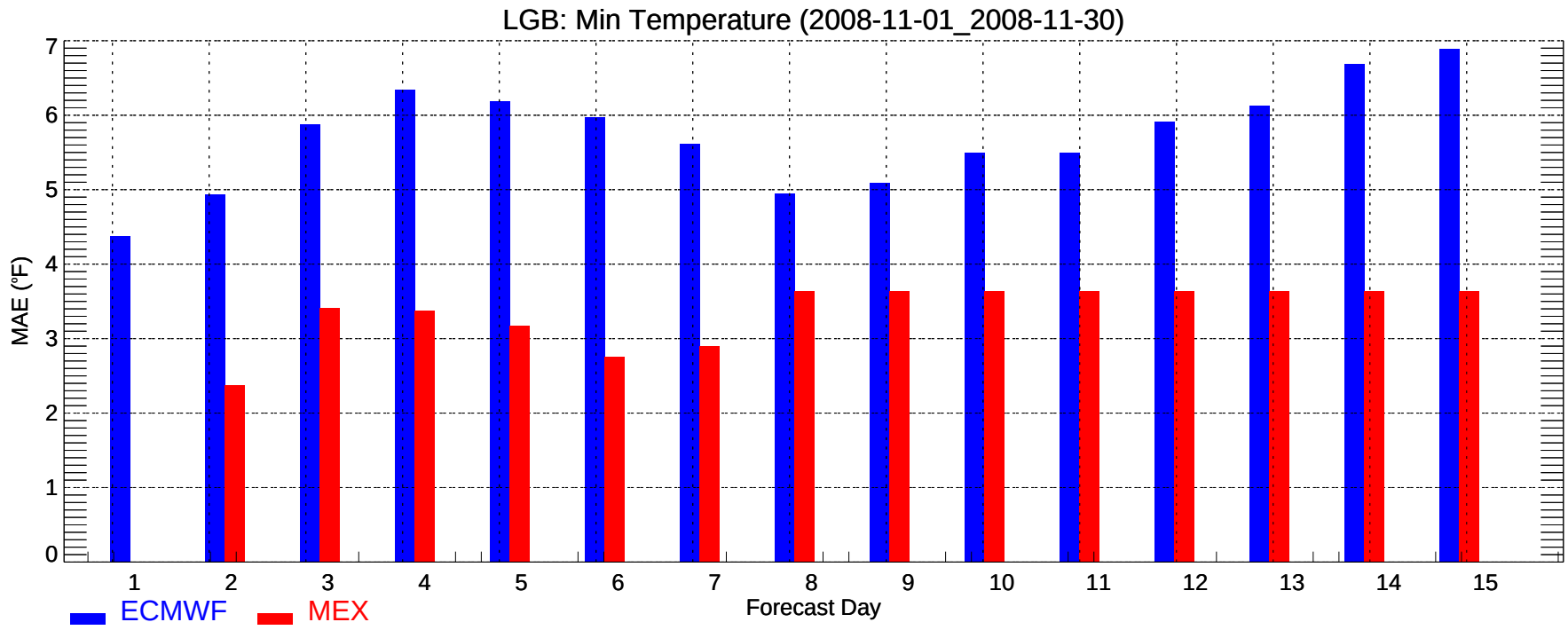
Forecast Day
ECMWF
MEX


LGB: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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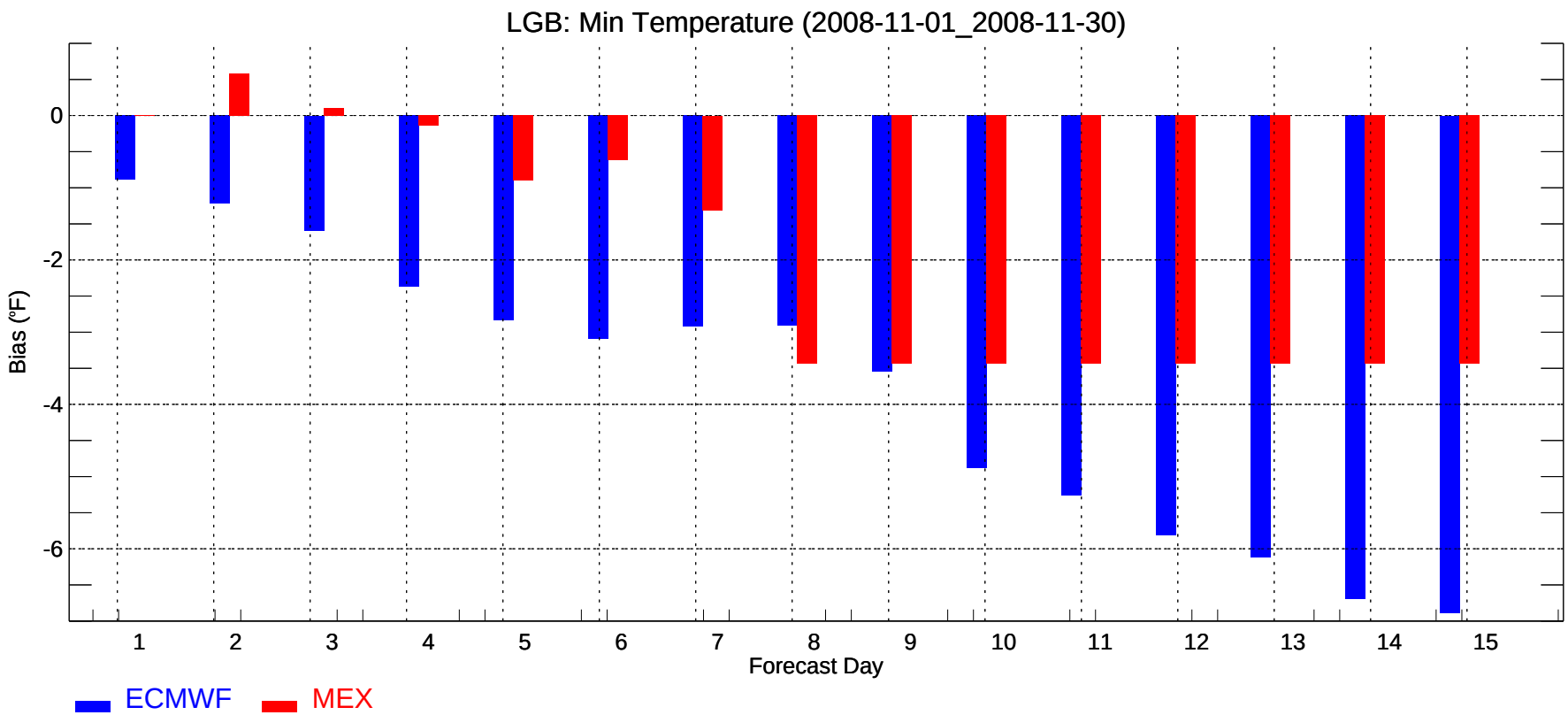
Forecast Day
ECMWF
MEX


LGB: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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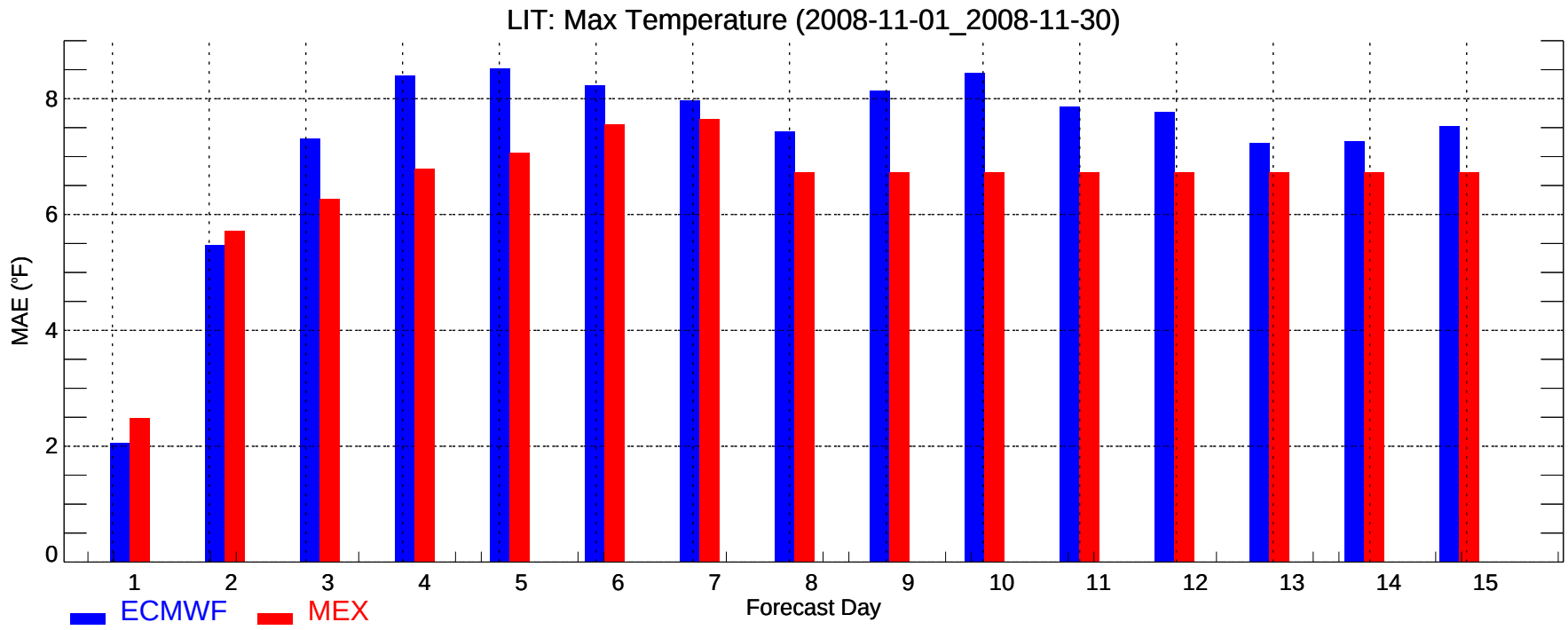
Forecast Day
ECMWF
MEX


LIT: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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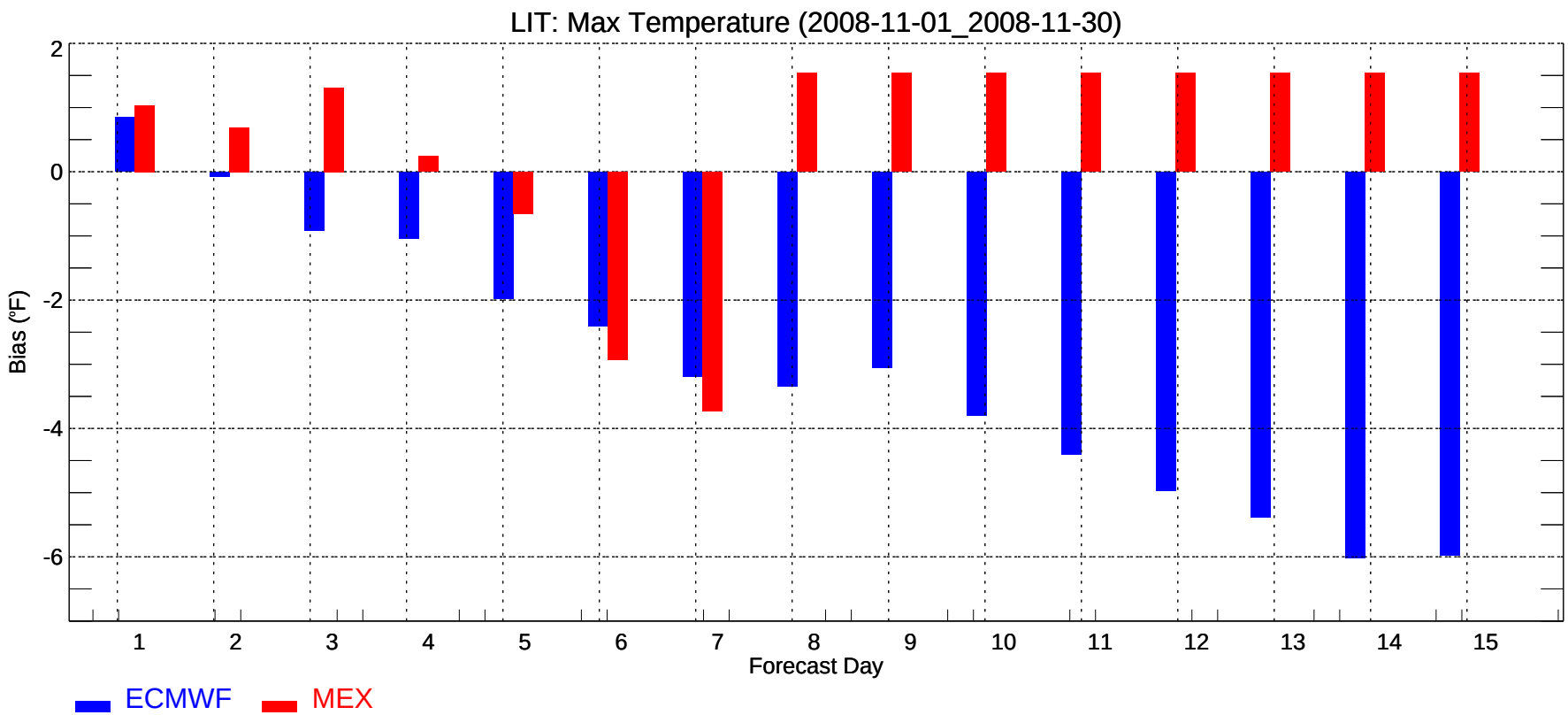
Forecast Day
ECMWF
MEX


LIT: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
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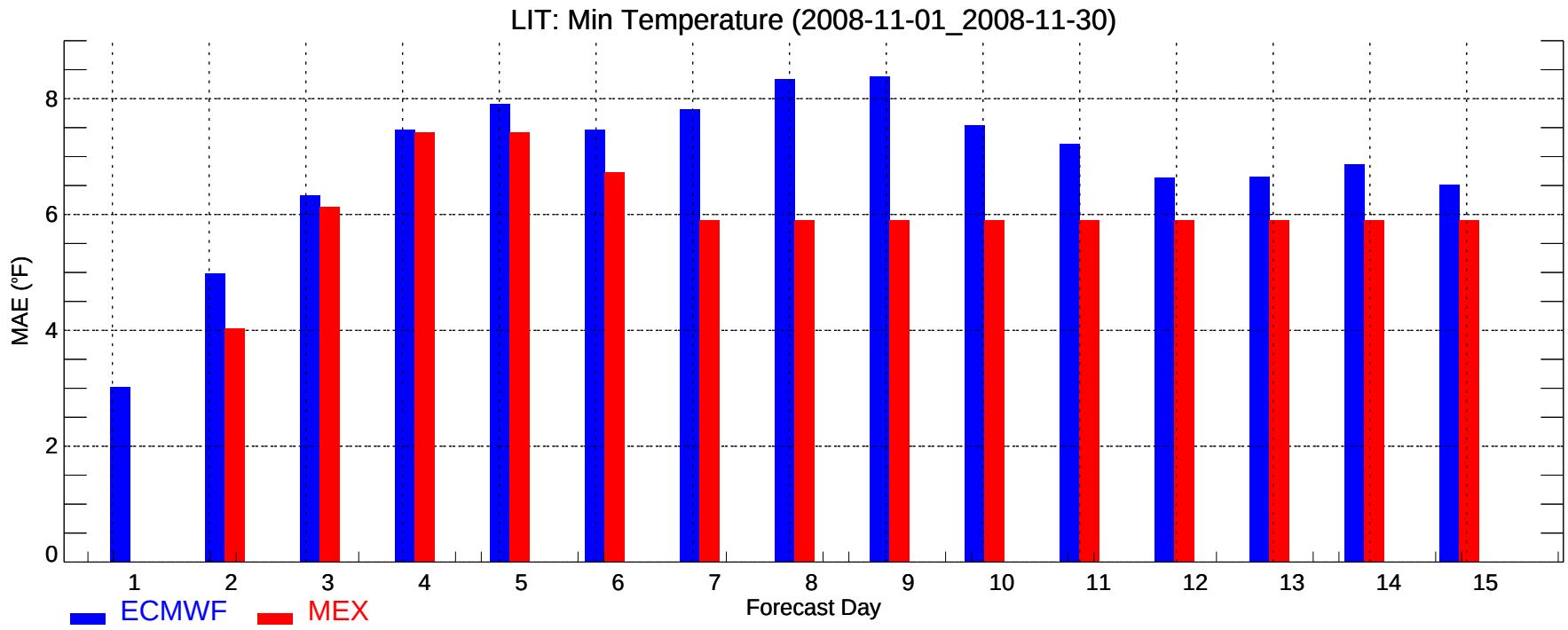
Forecast Day
ECMWF
MEX


LIT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
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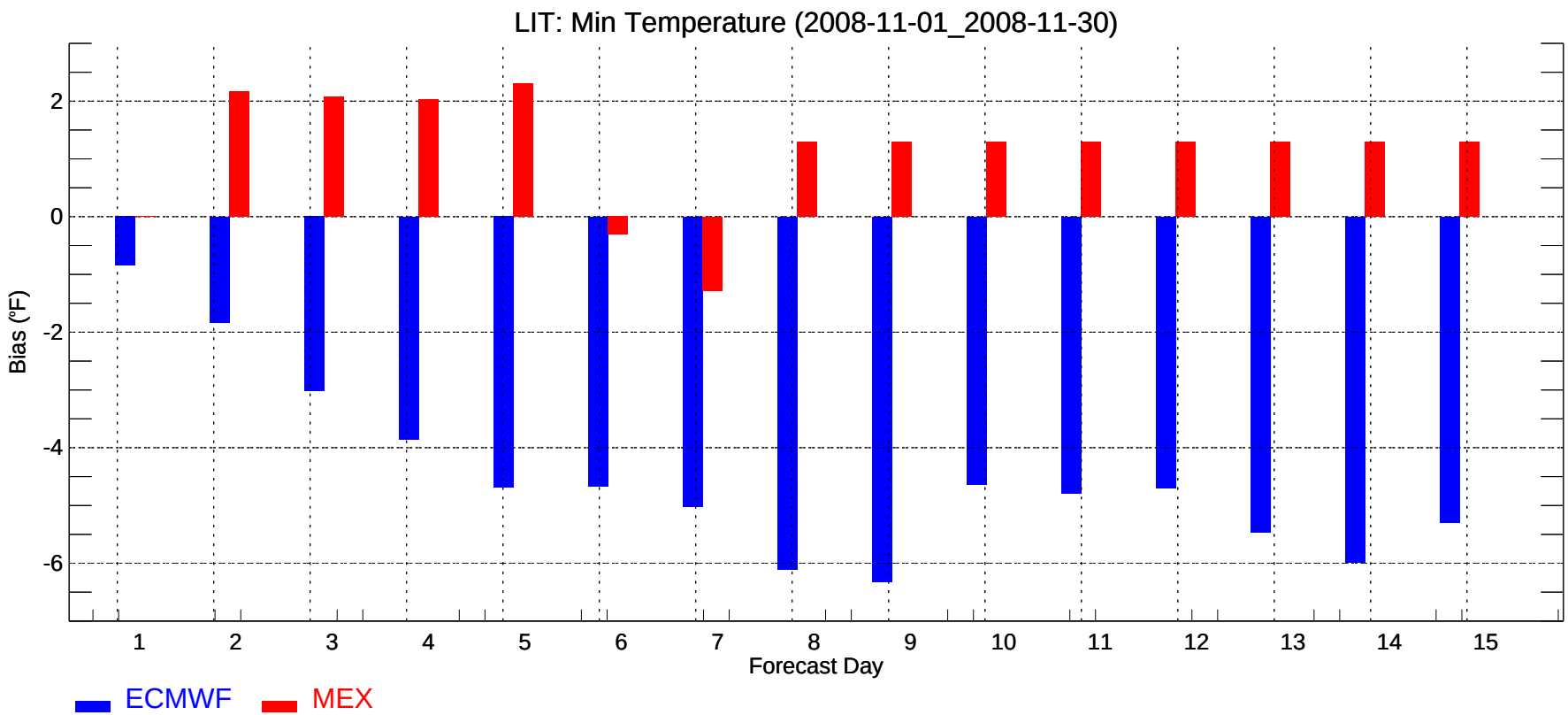
Forecast Day
ECMWF
MEX


LIT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
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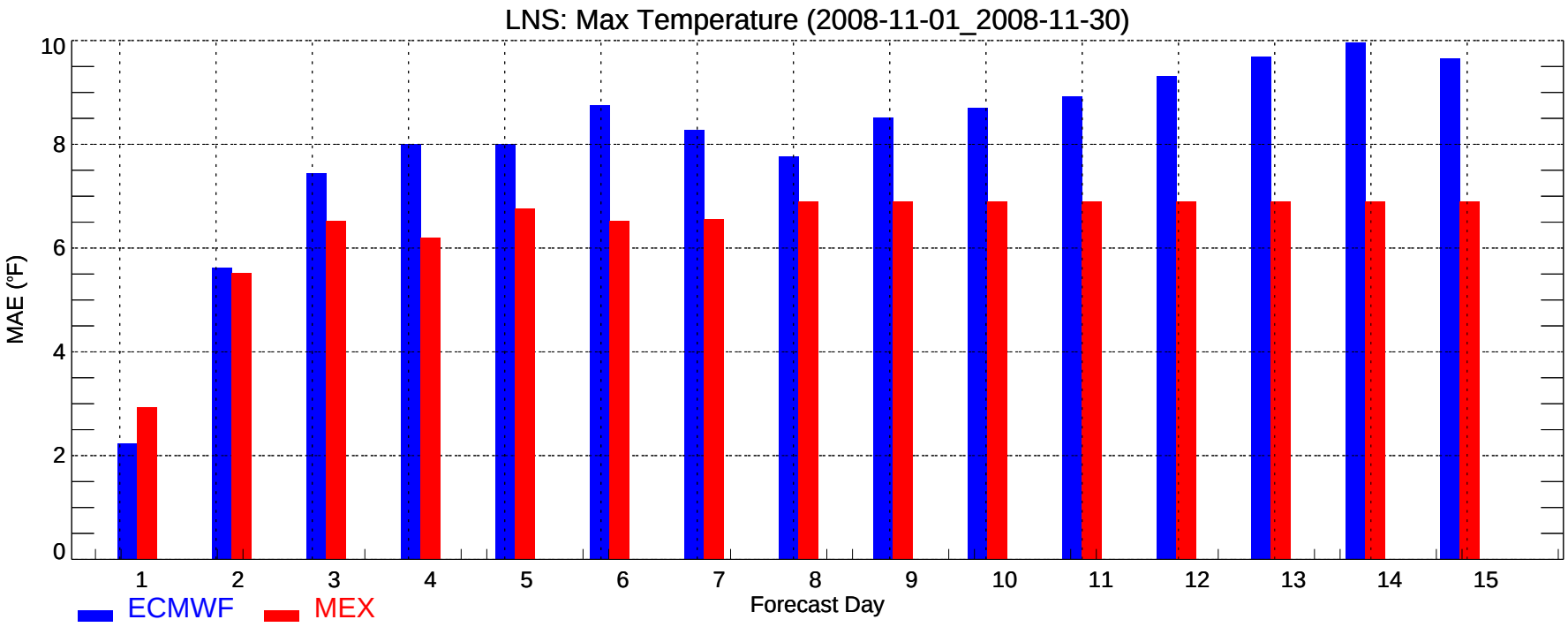
Forecast Day
ECMWF
MEX


LNS: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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2
4
6
8
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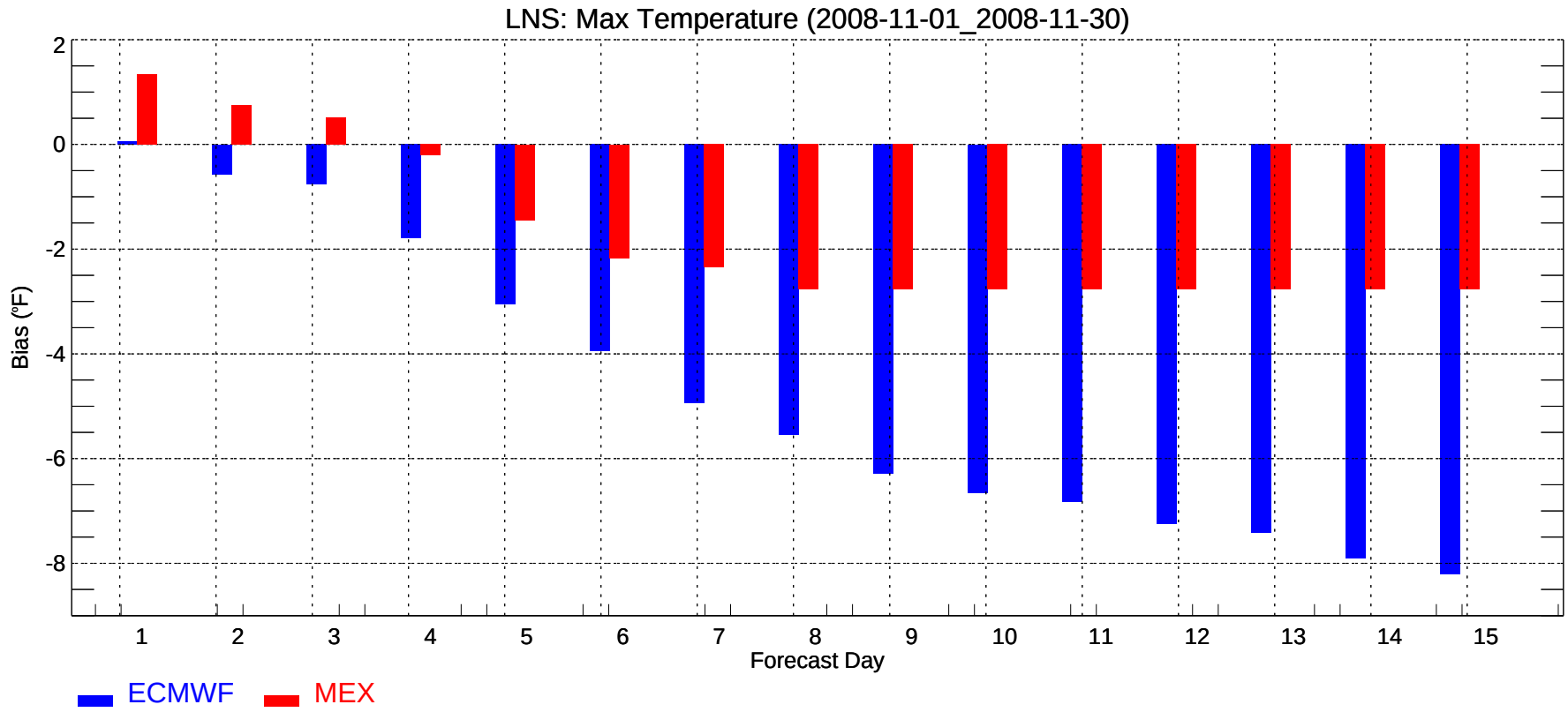
Forecast Day
ECMWF
MEX


LNS: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
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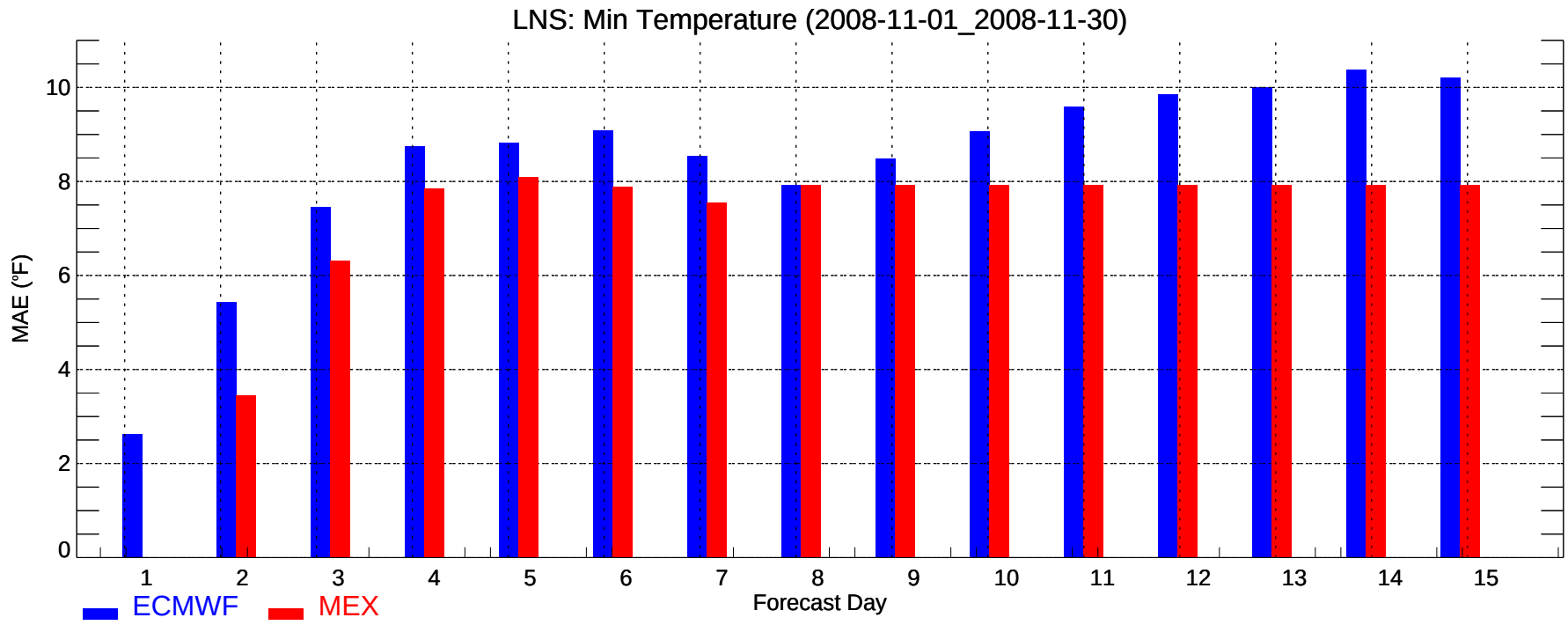
Forecast Day
ECMWF
MEX


LNS: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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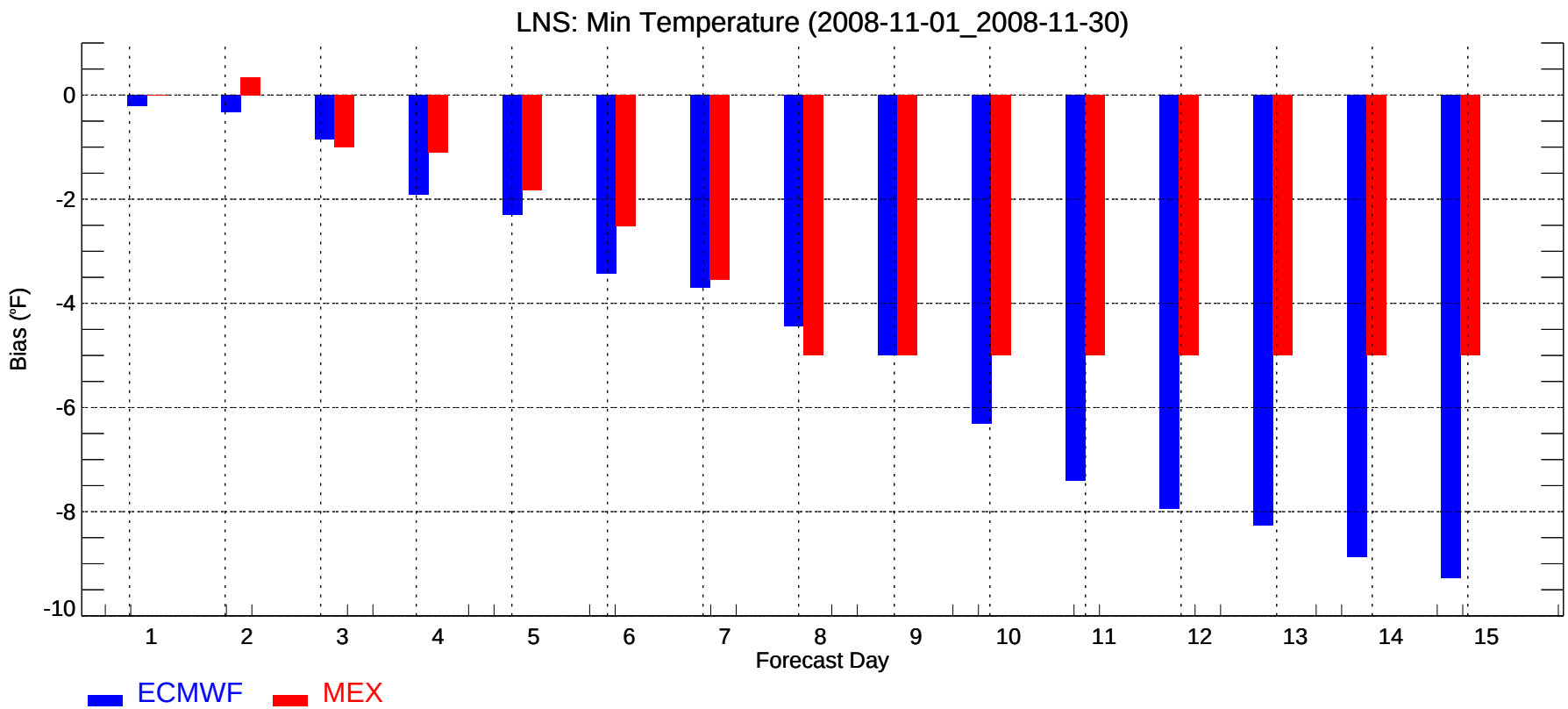
Forecast Day
ECMWF
MEX


LNS: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
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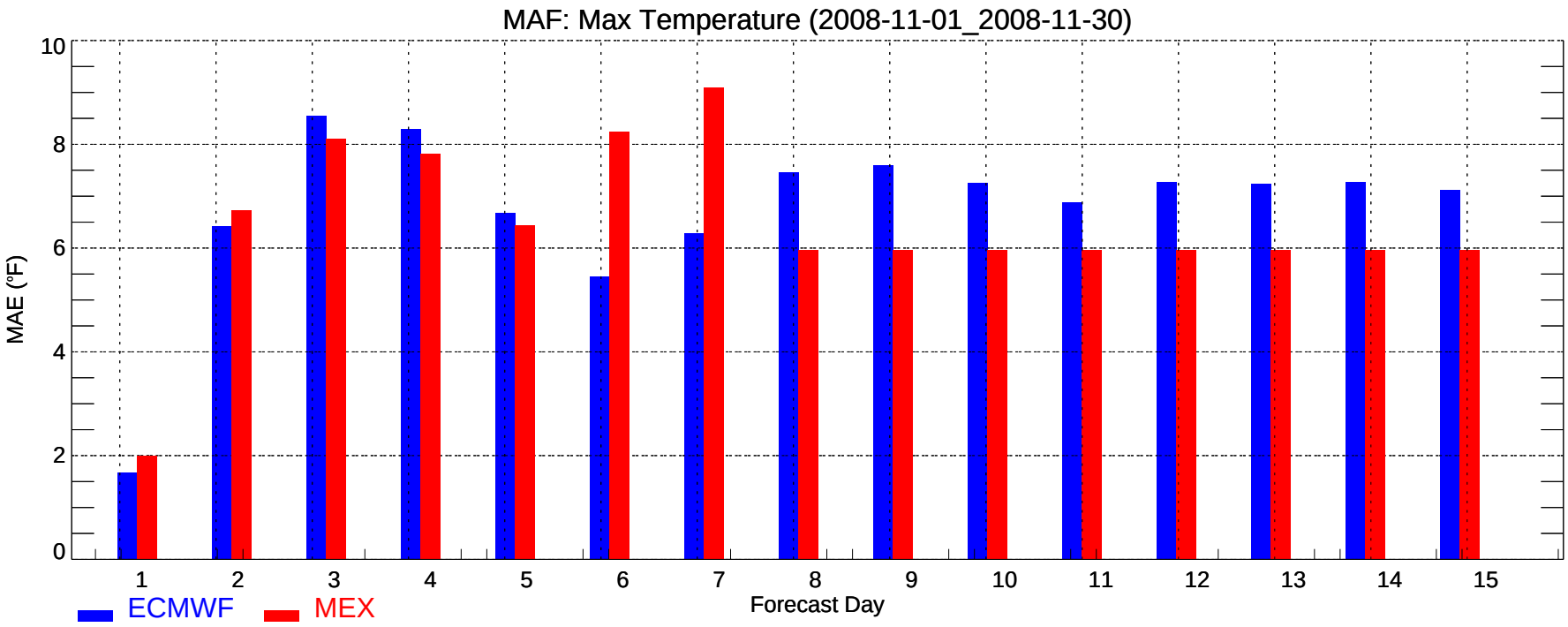
Forecast Day
ECMWF
MEX


MAF: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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1
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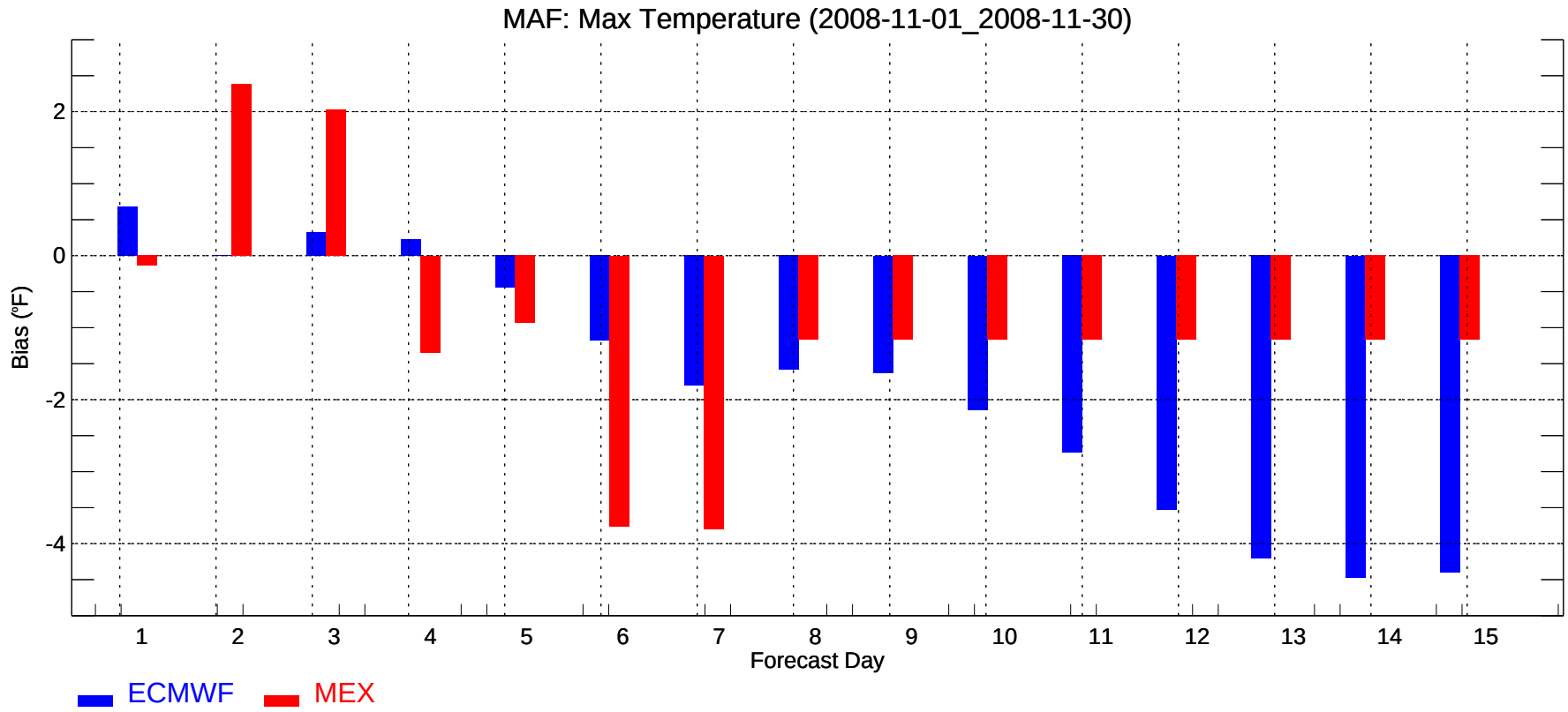
Forecast Day
ECMWF
MEX


MAF: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
1
2
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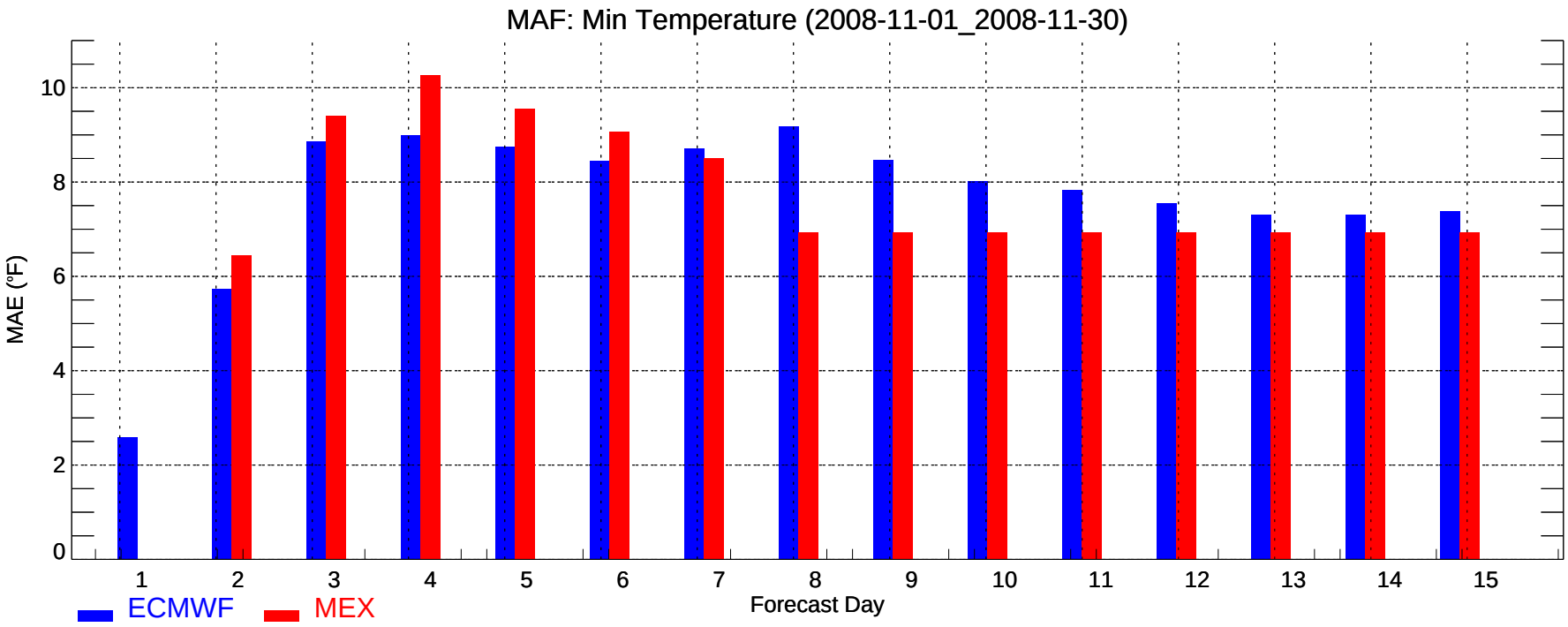
Forecast Day
ECMWF
MEX


MAF: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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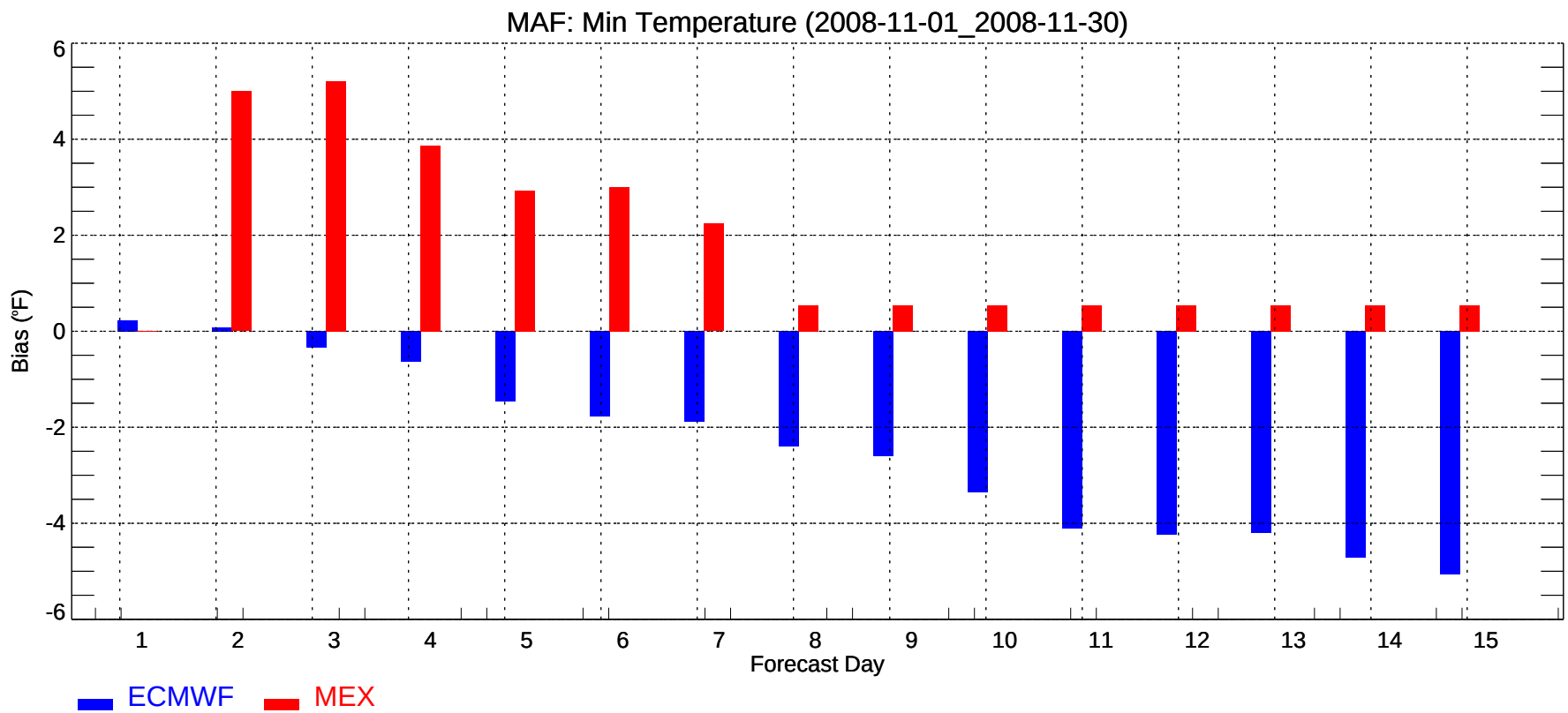
Forecast Day
ECMWF
MEX


MAF: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
6
4
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-2
-4
-6
1
2
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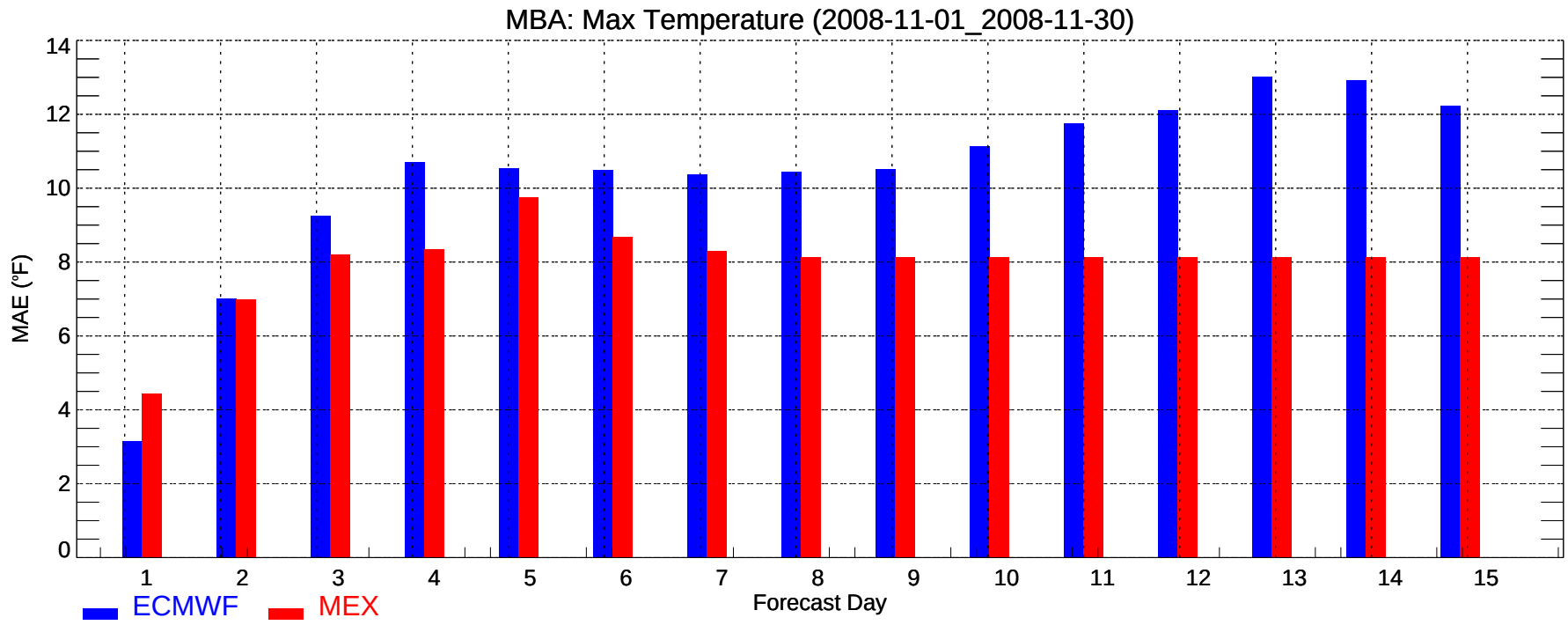
Forecast Day
ECMWF
MEX


MBA: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
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8
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12
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13
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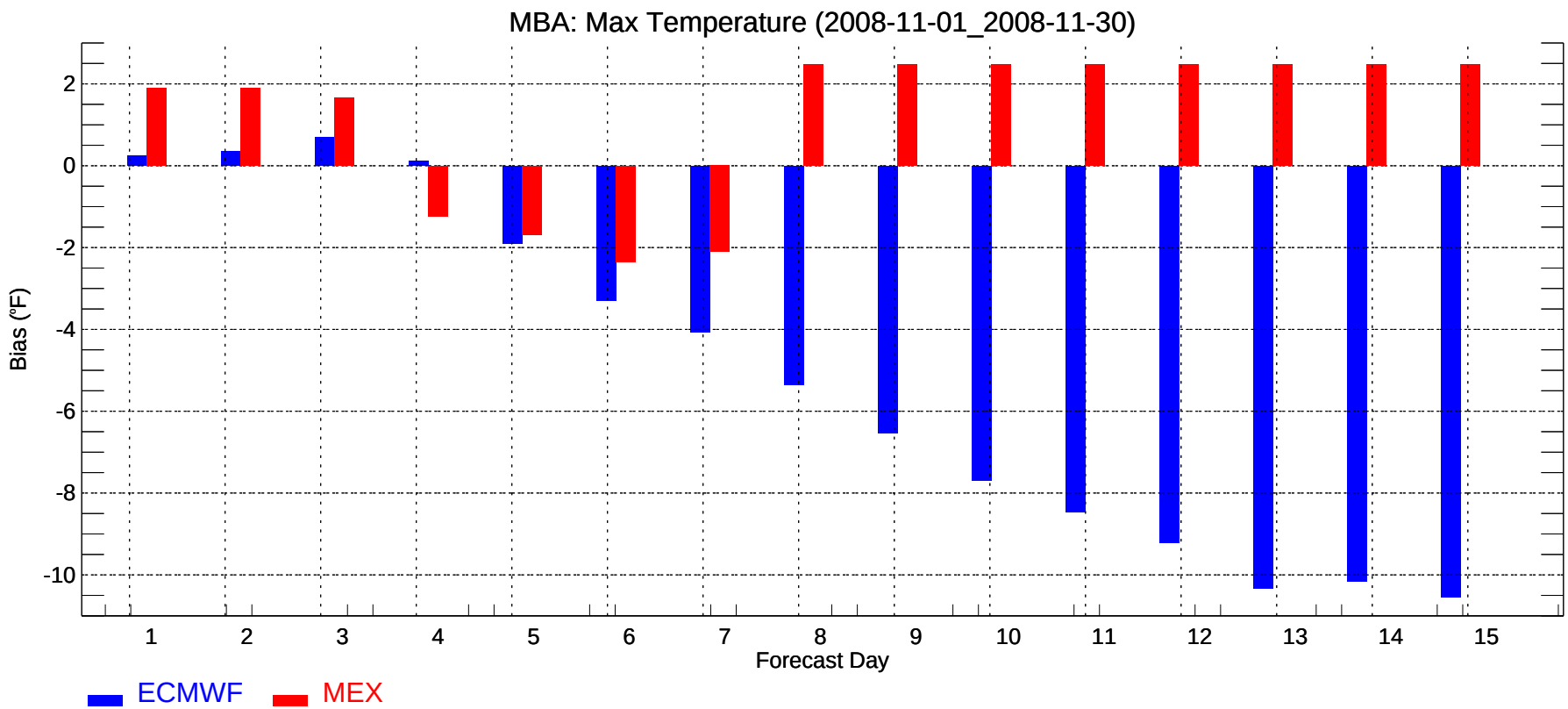
Forecast Day
ECMWF
MEX


MBA: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
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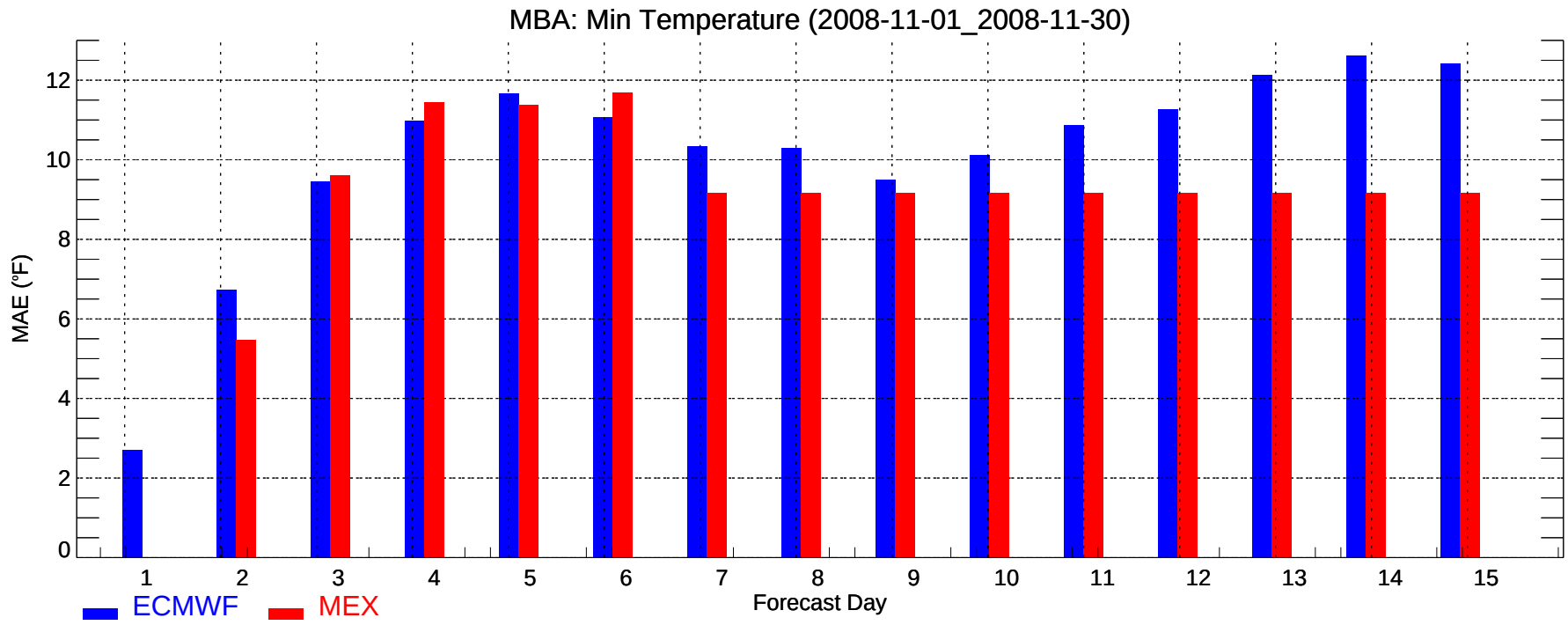
Forecast Day
ECMWF
MEX


MBA: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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12
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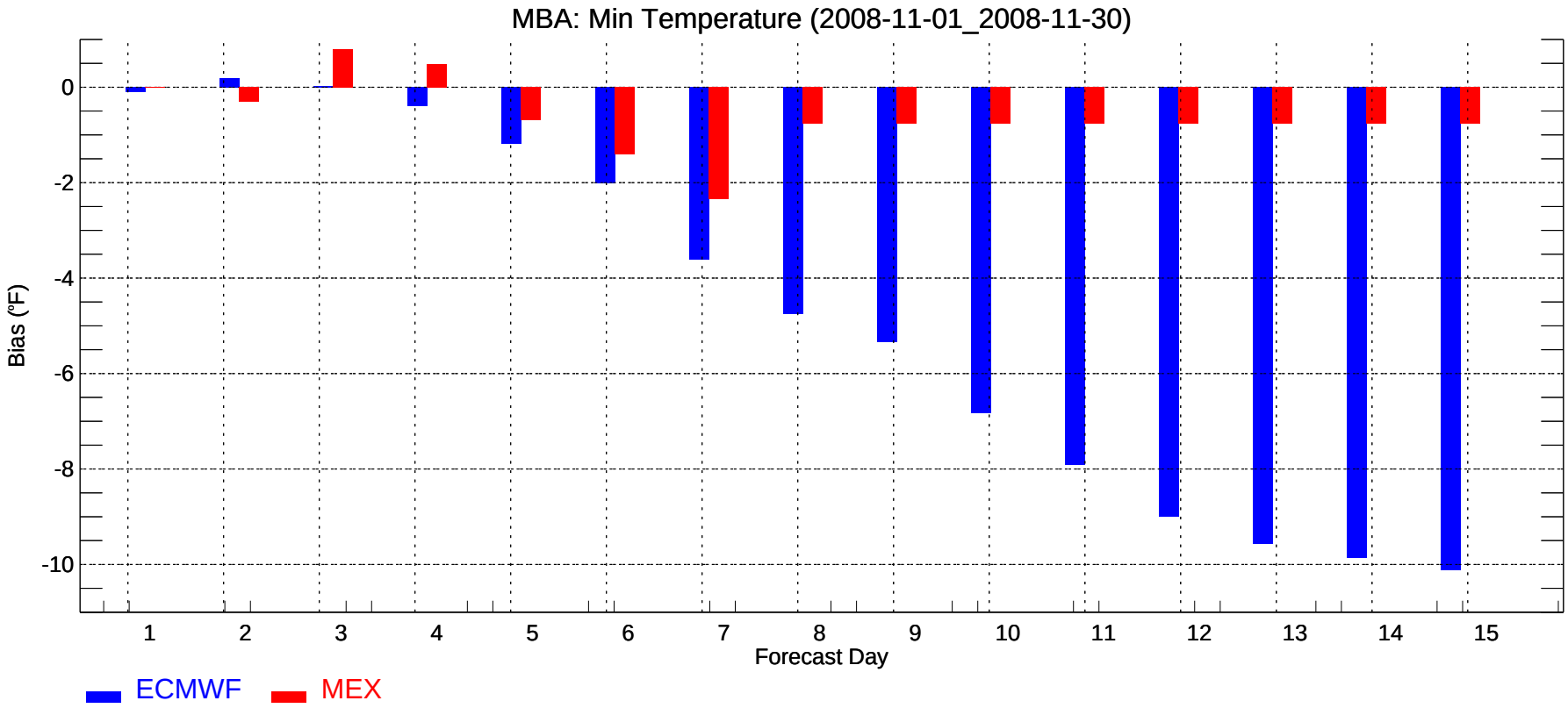
Forecast Day
ECMWF
MEX


MBA: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
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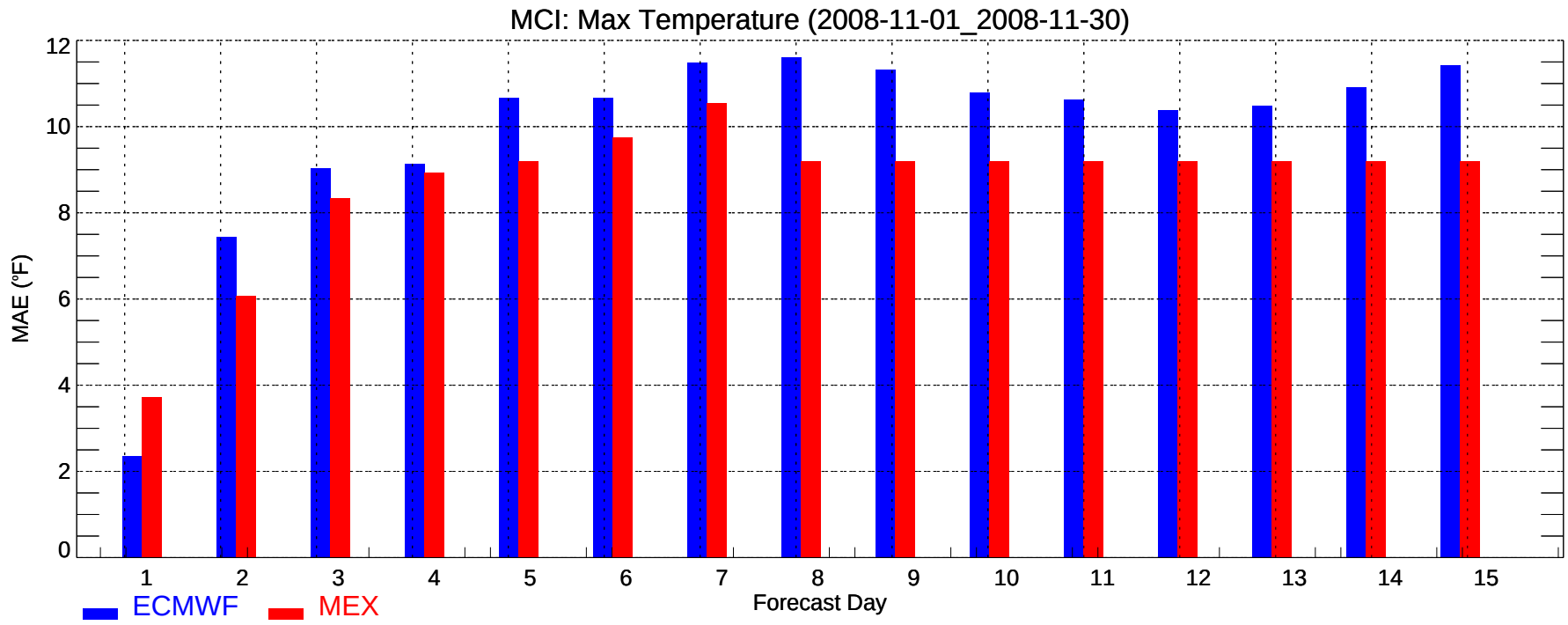
Forecast Day
ECMWF
MEX


MCI: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
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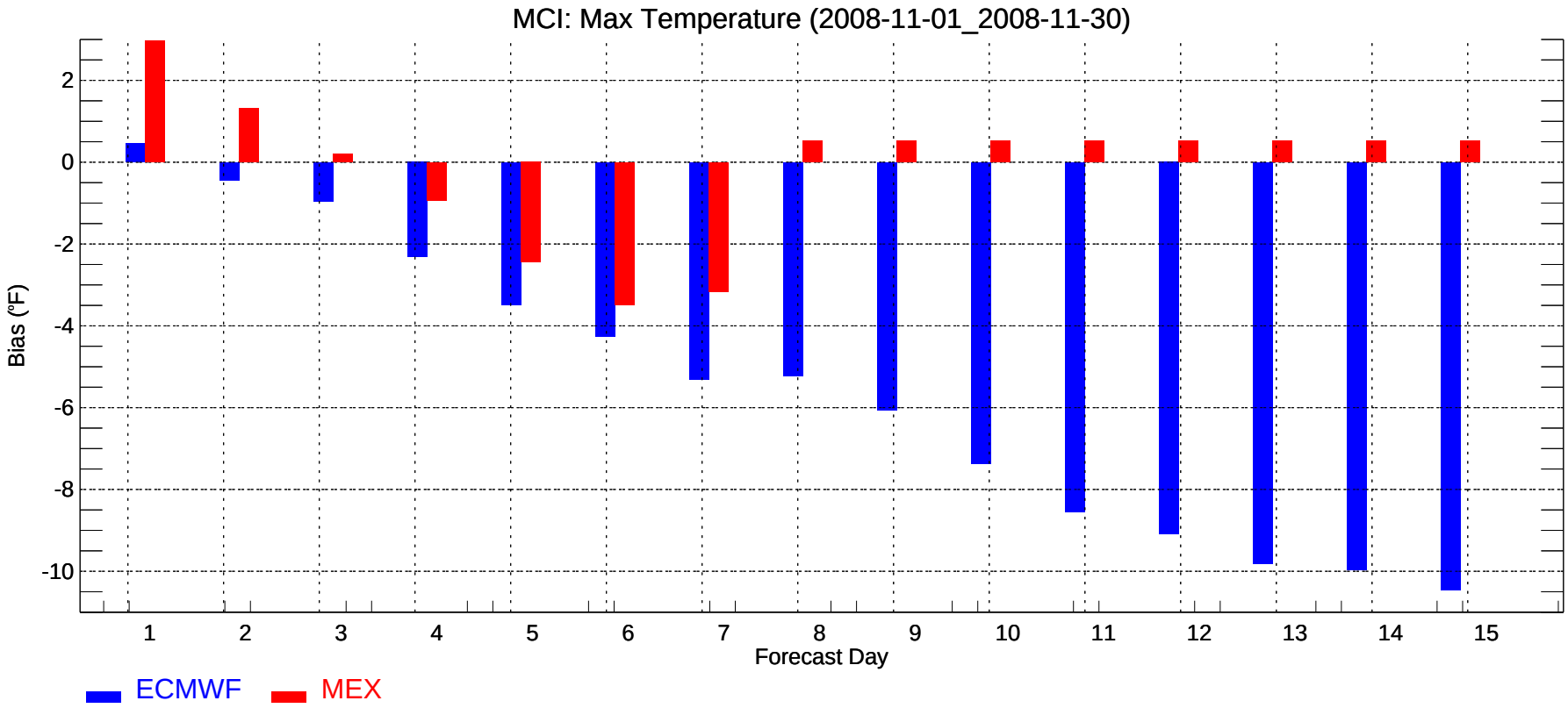
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MCI: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
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10
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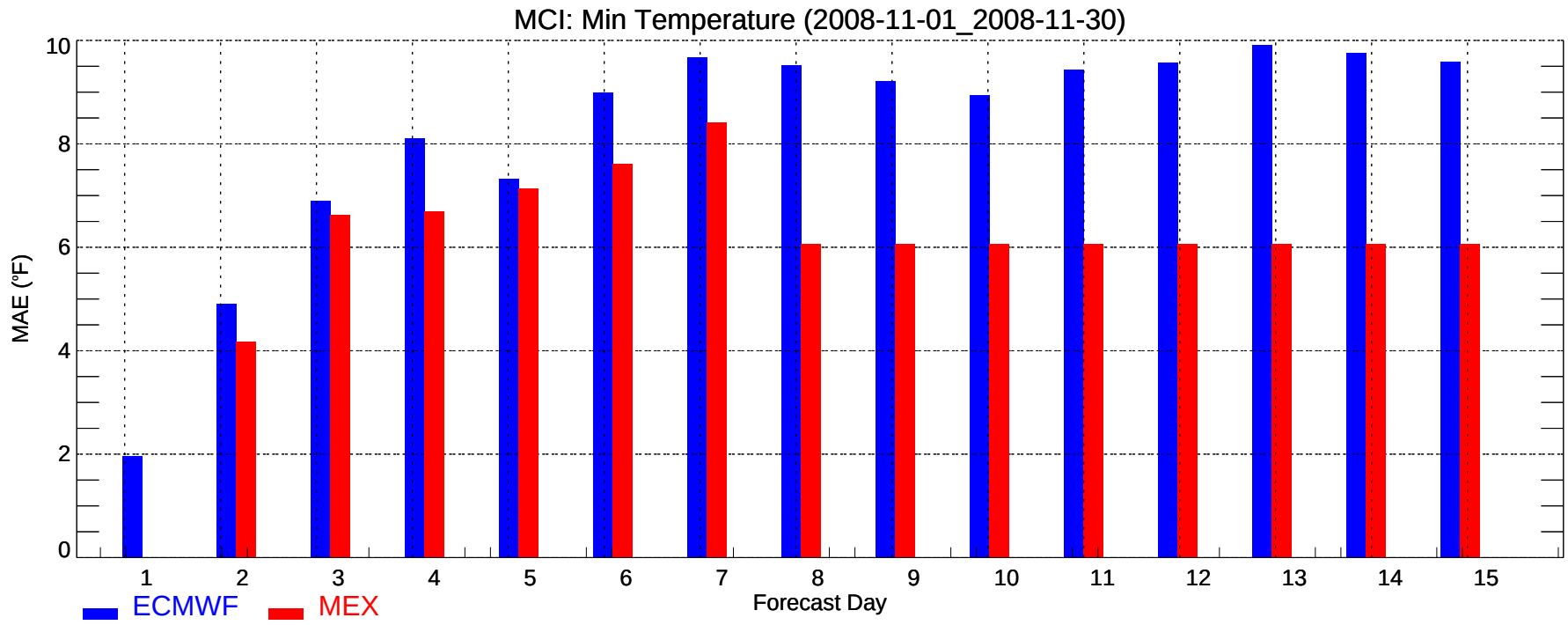
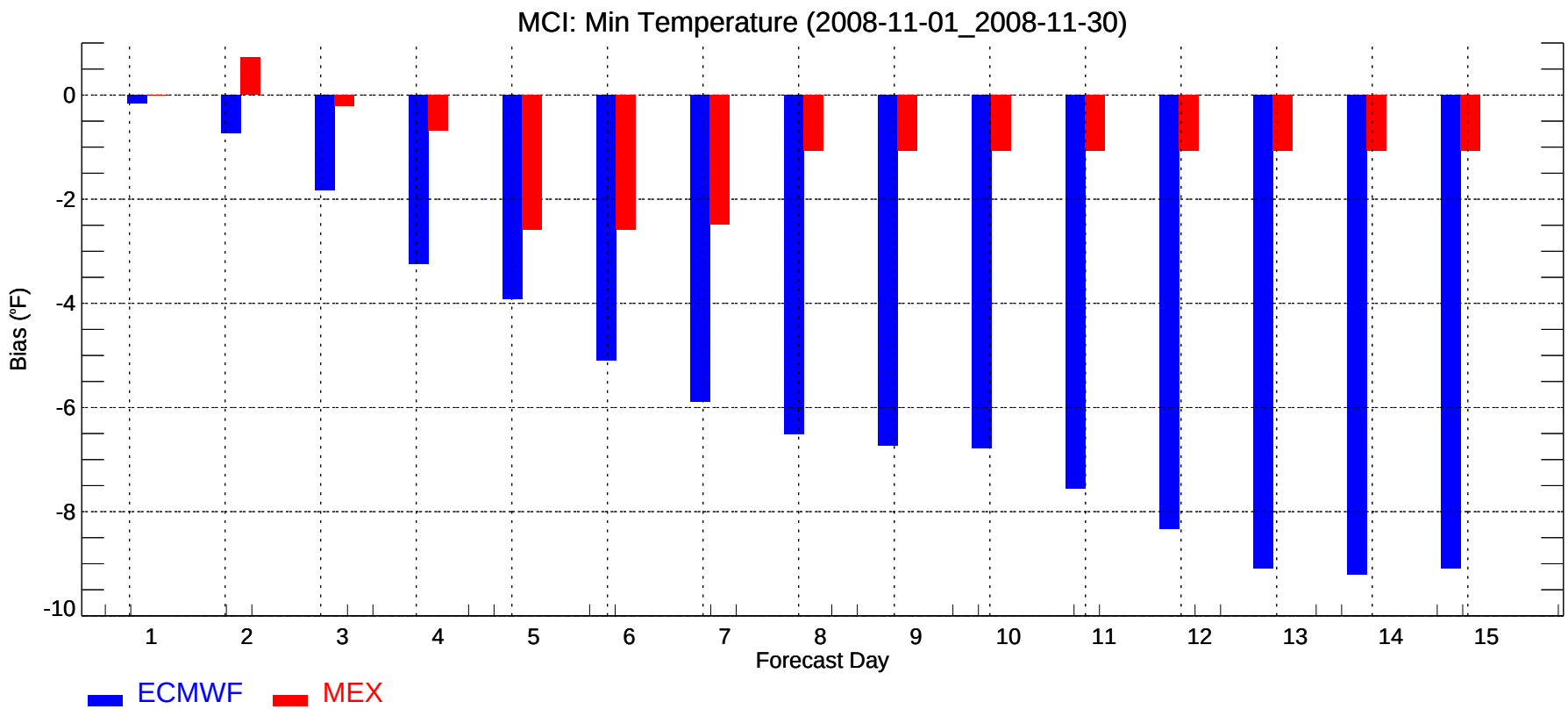
12
13
14
15
Forecast Day
ECMWF
MEX


MCI: Min Temperature (2008-11-01_2008-11-30)
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 (2008-11-01_2008-11-30)
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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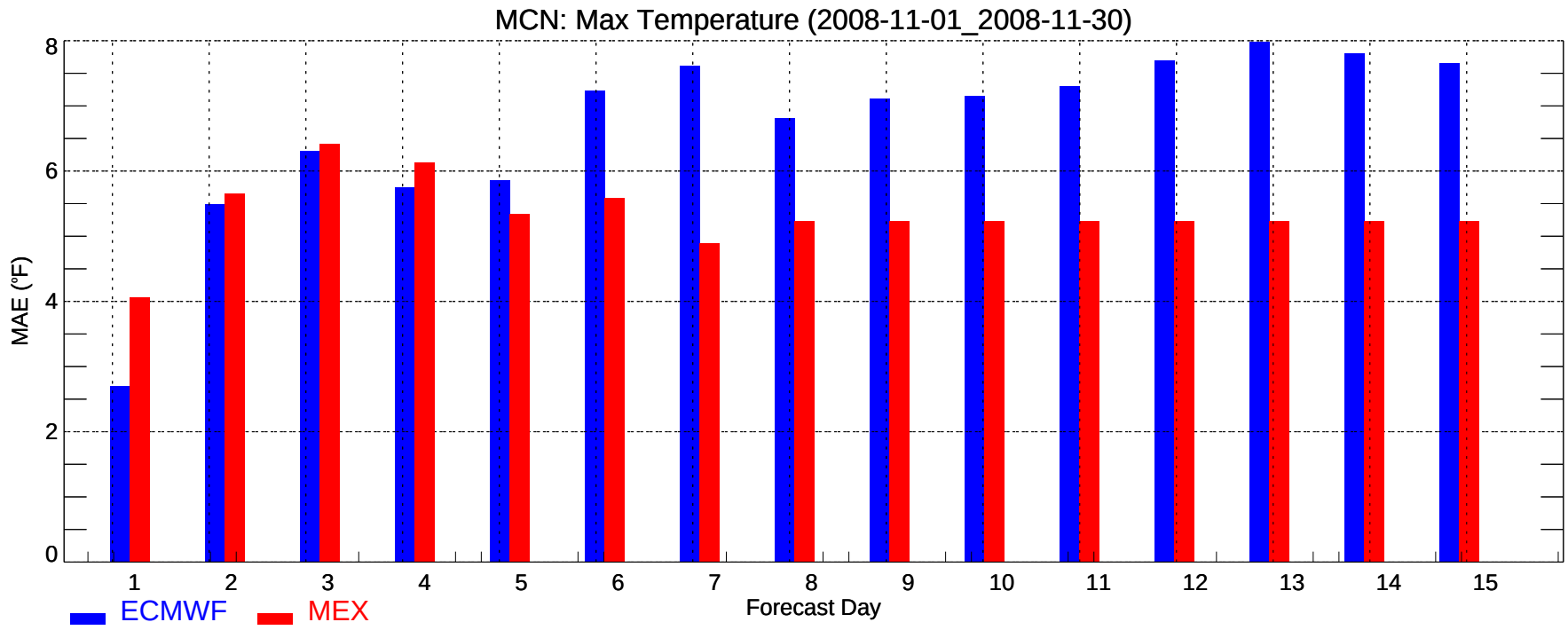
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MCN: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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5
6
7
8
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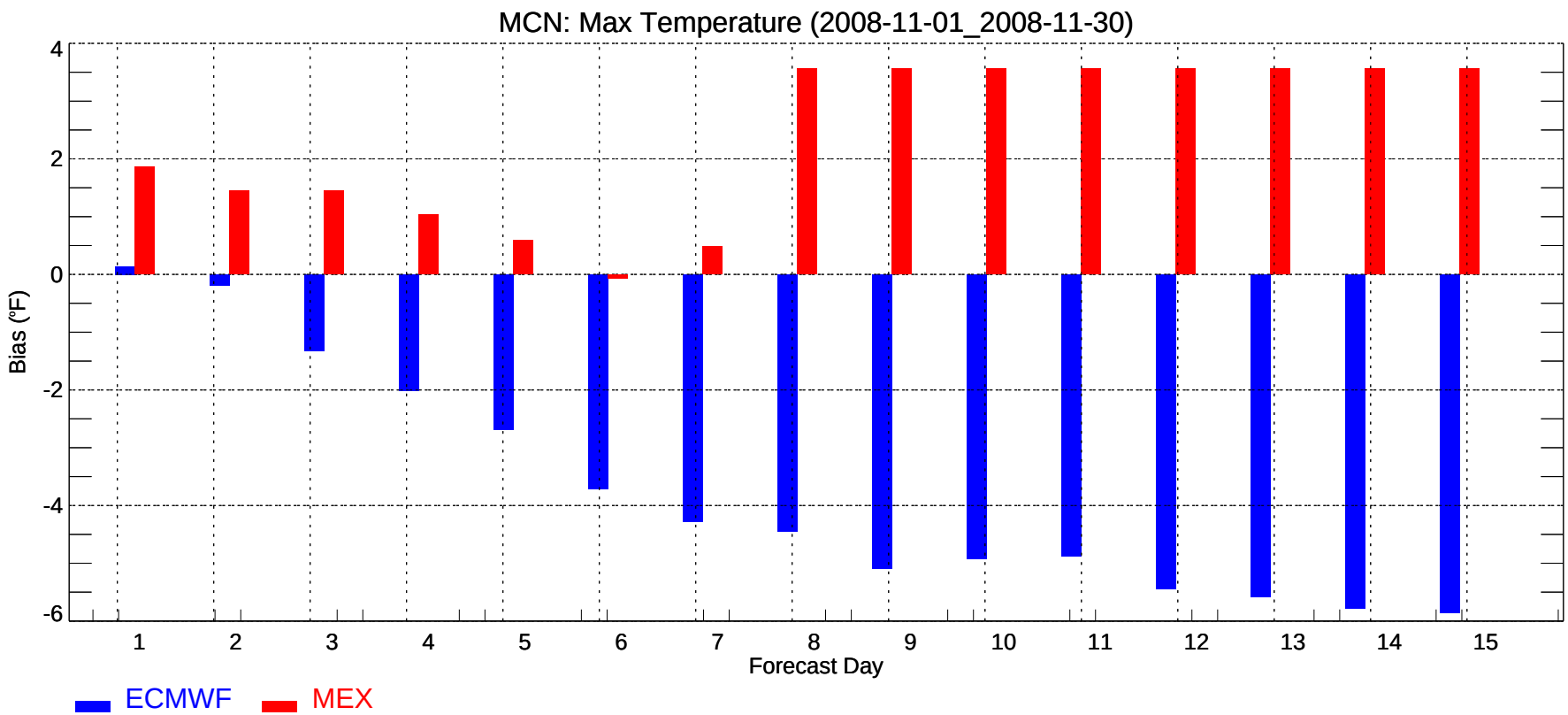
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MCN: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
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8
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11
12
13
14
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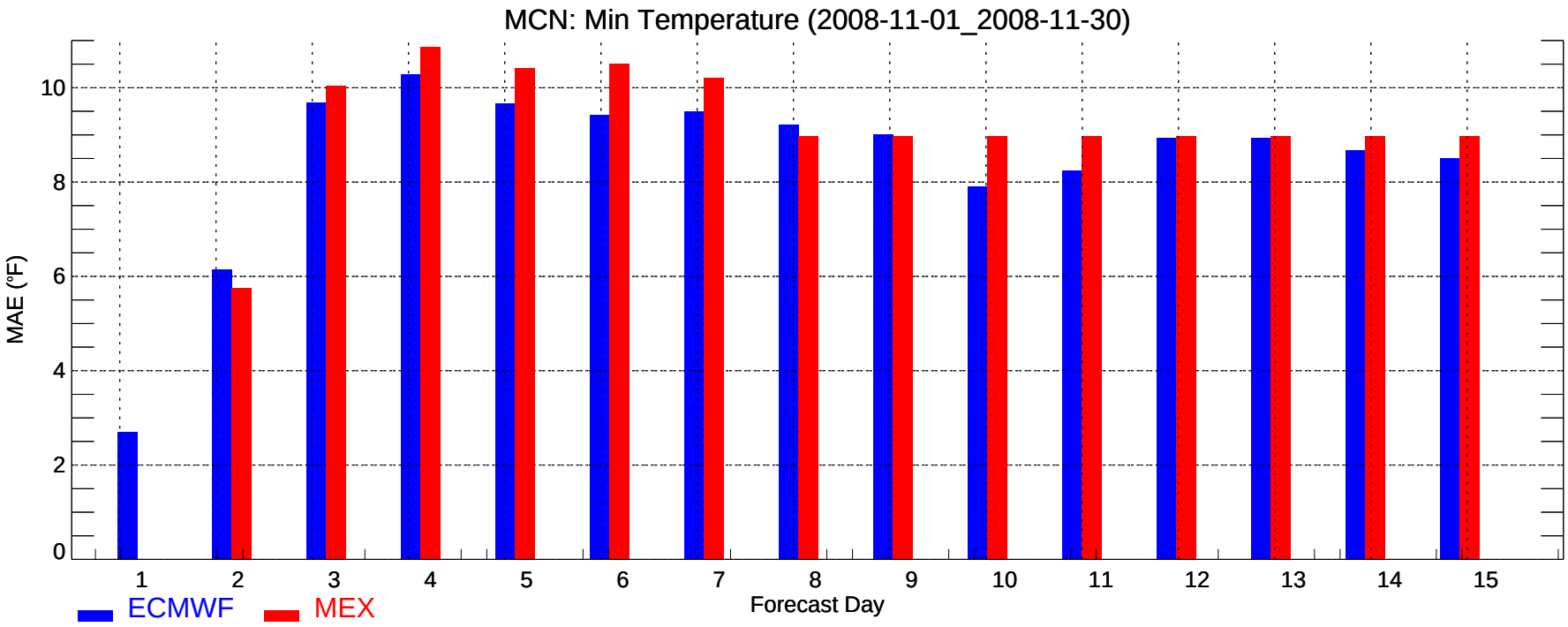
Forecast Day
ECMWF
MEX


MCN: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
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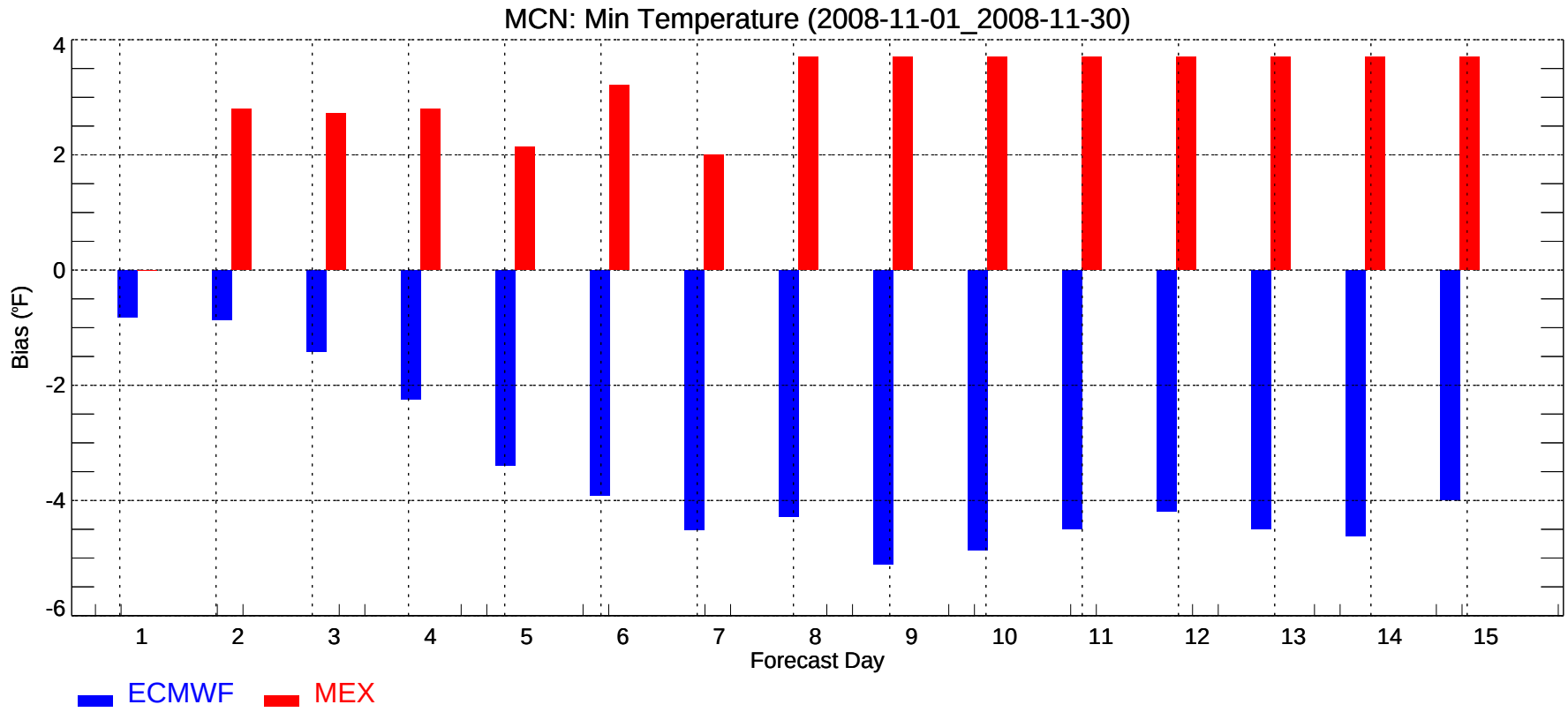
11
12
13
14
15
Forecast Day
ECMWF
MEX


MCN: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
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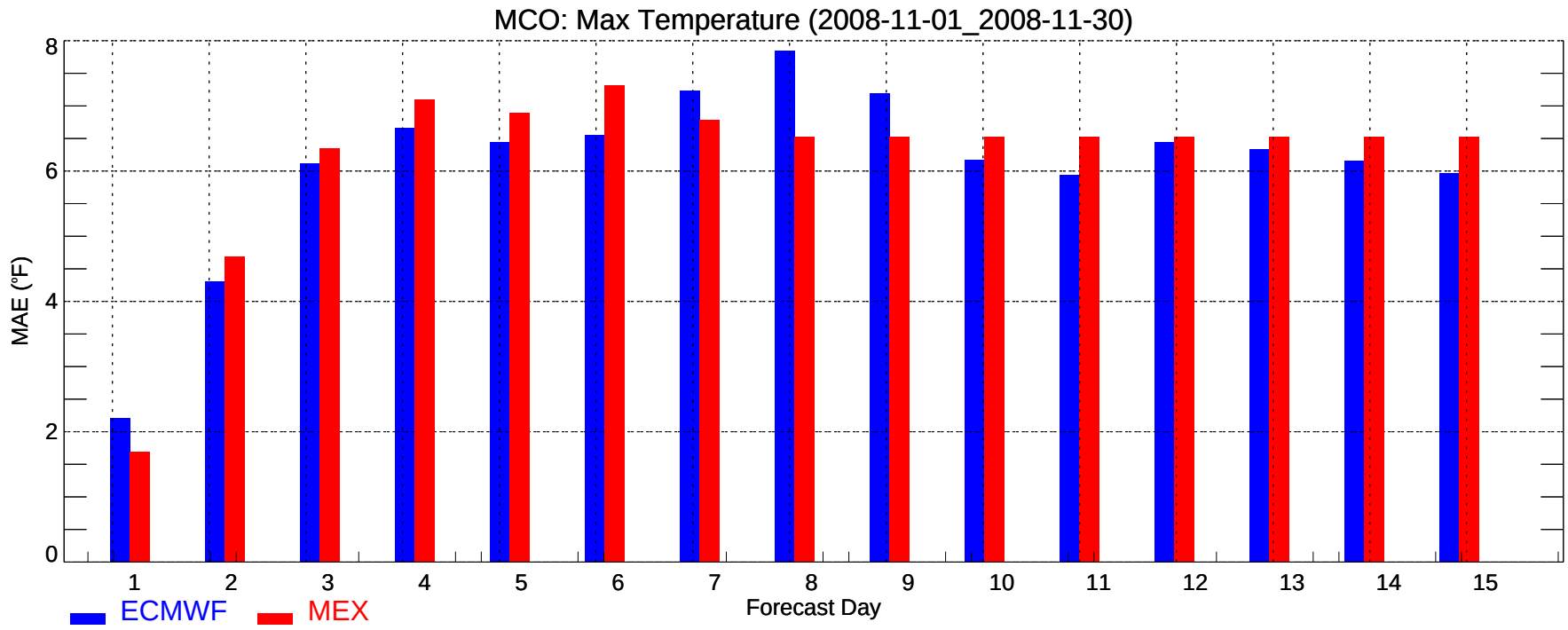
13
14
15
Forecast Day
ECMWF
MEX


MCO: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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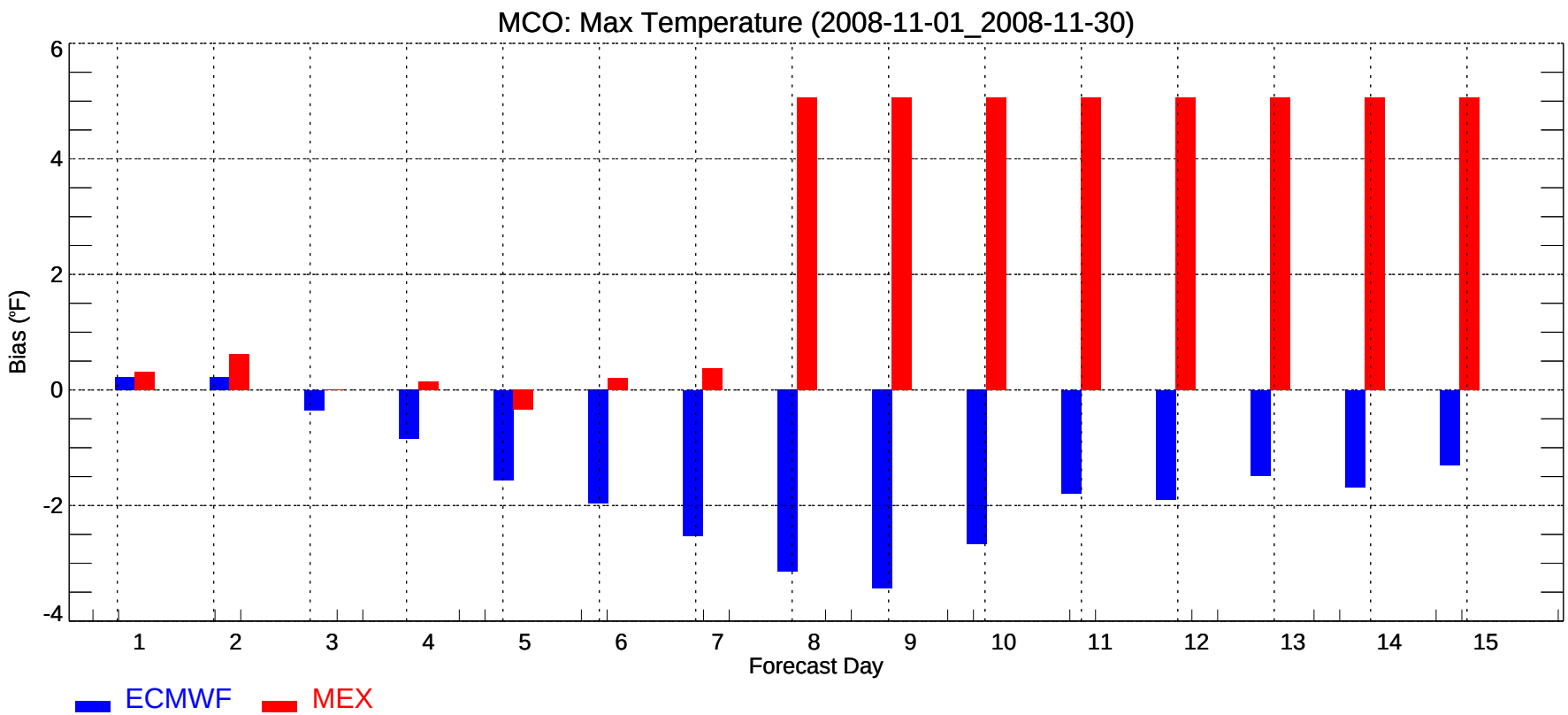
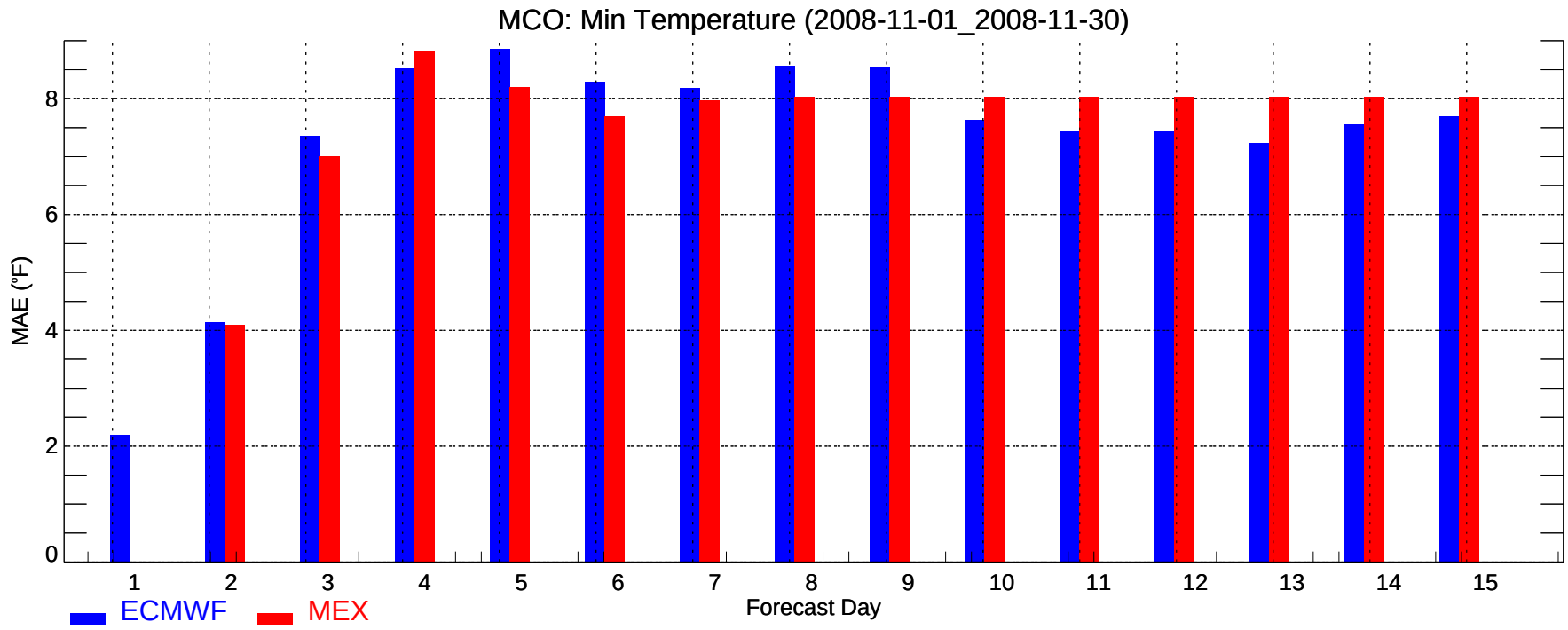
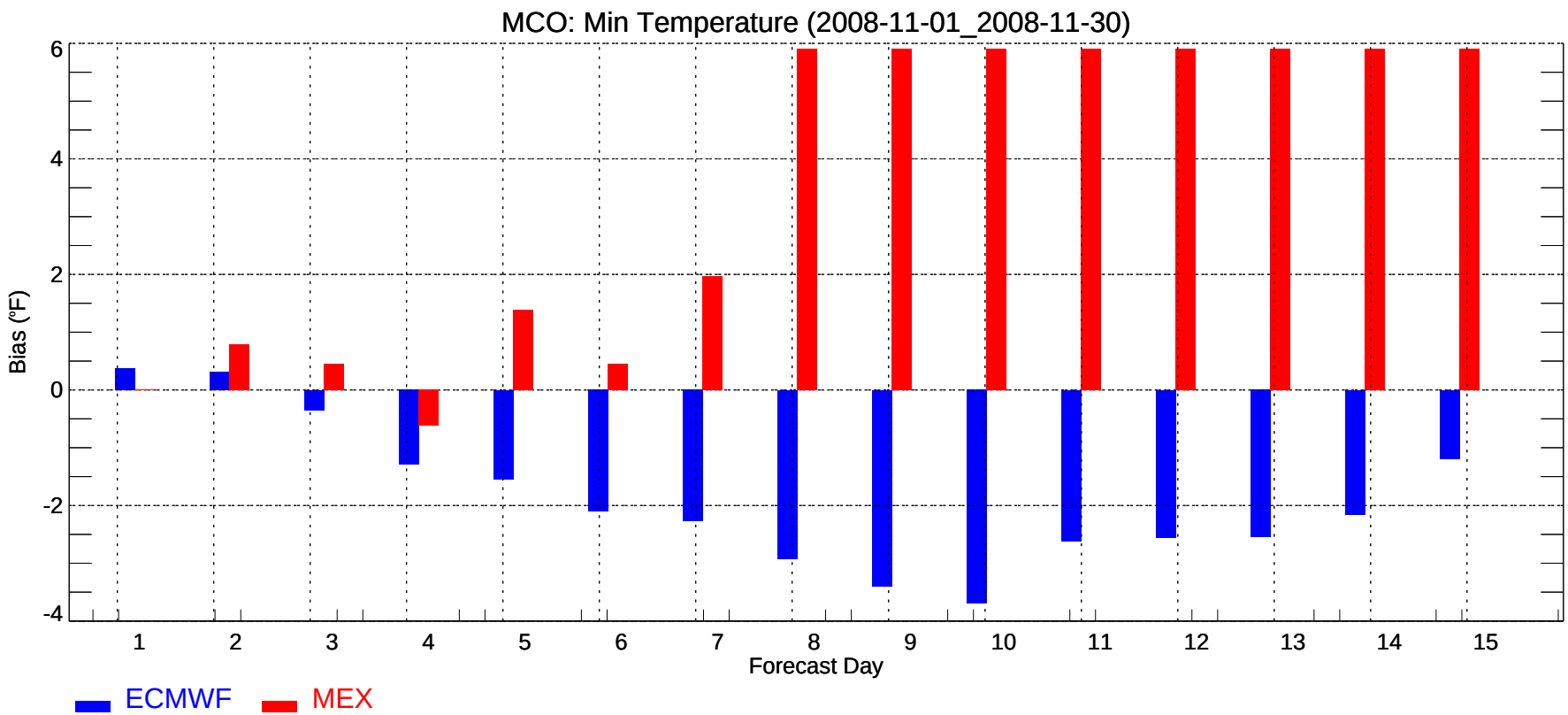
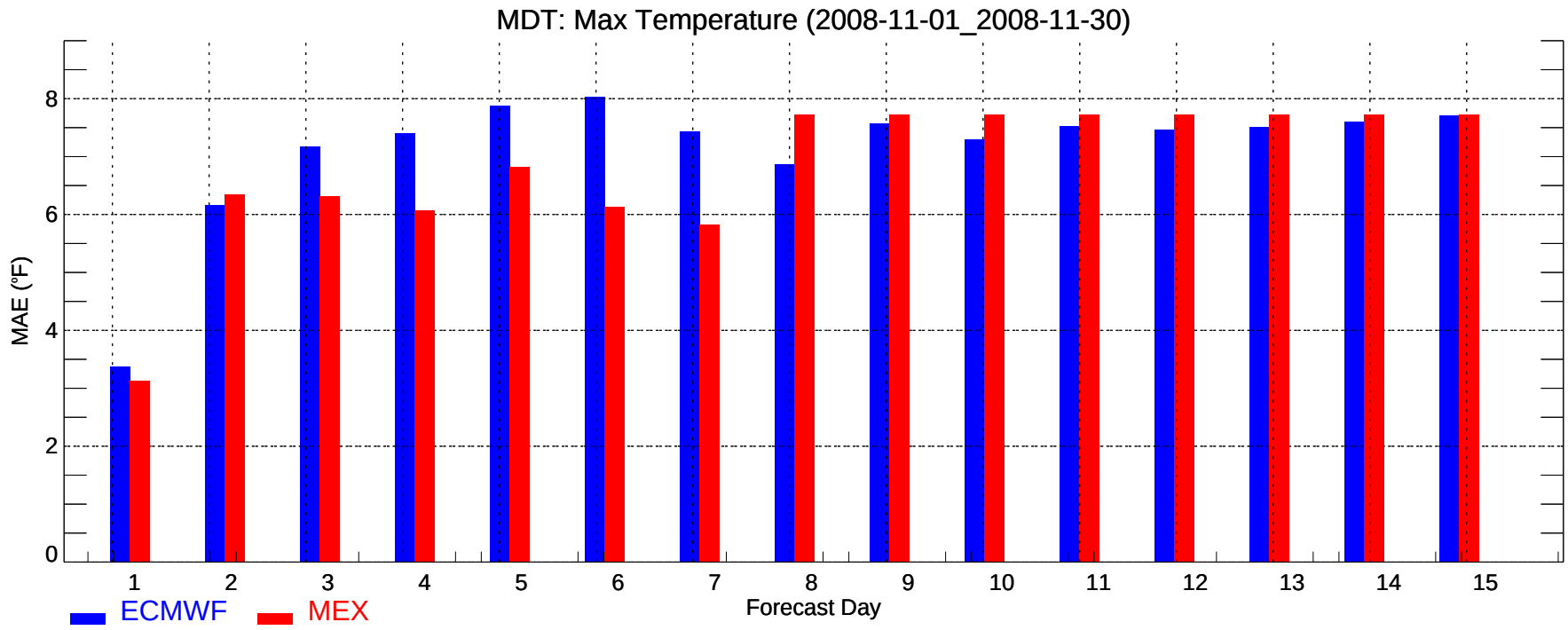
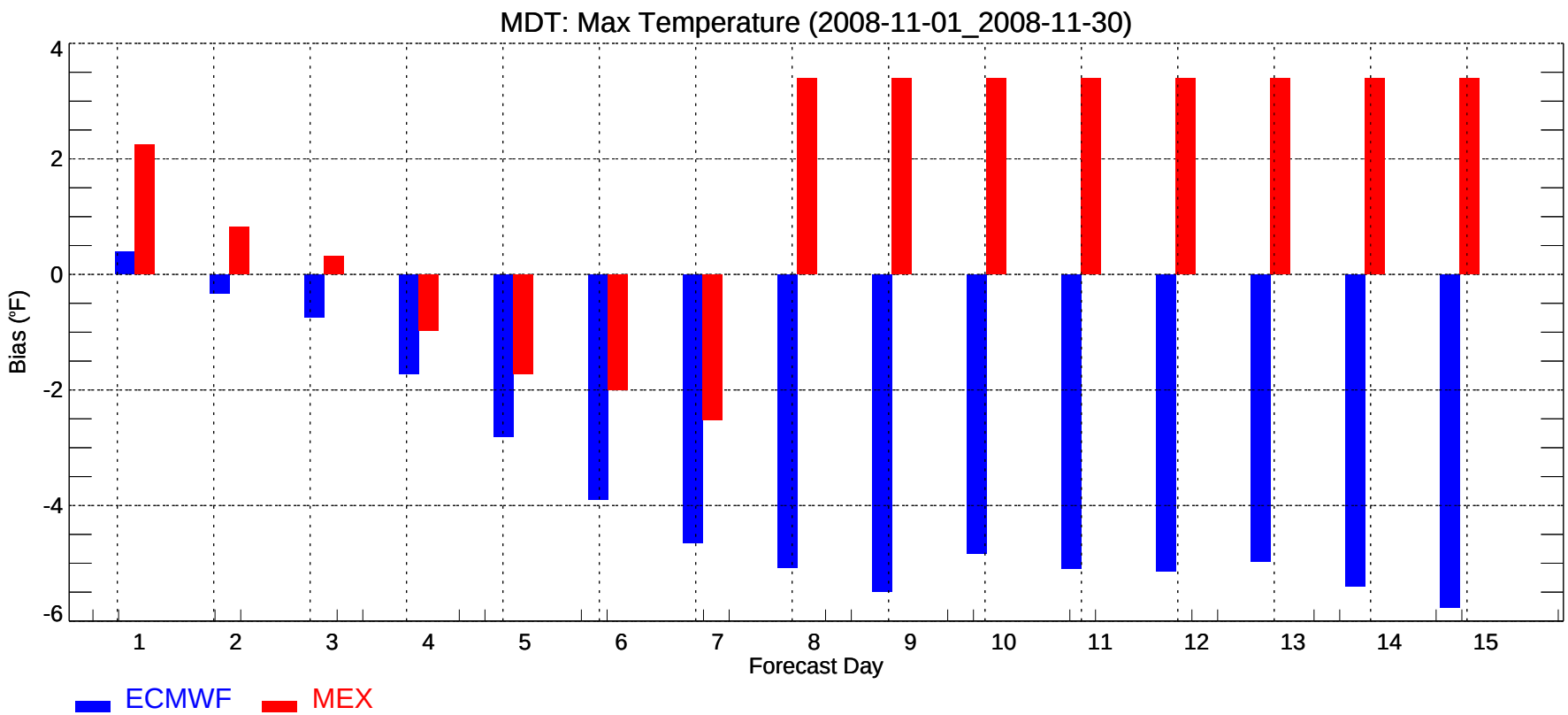
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

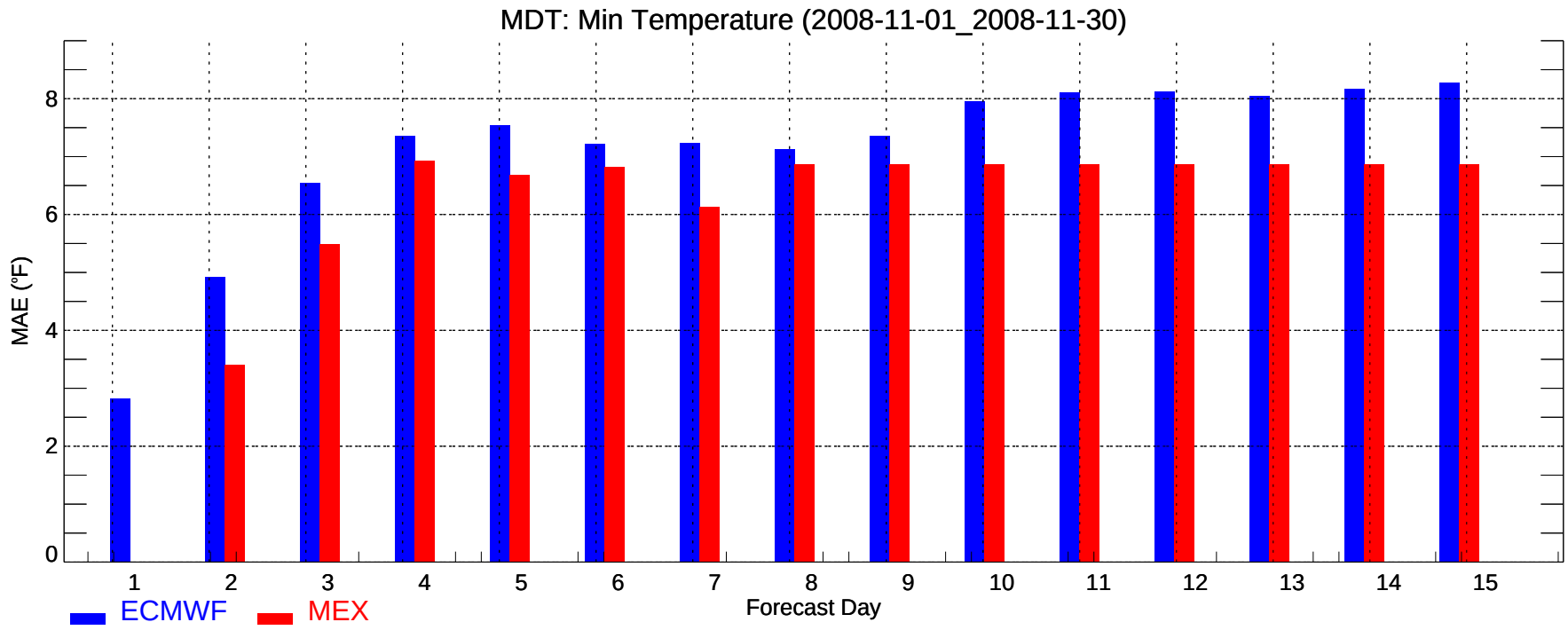

MCO: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


MCO: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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


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


MDT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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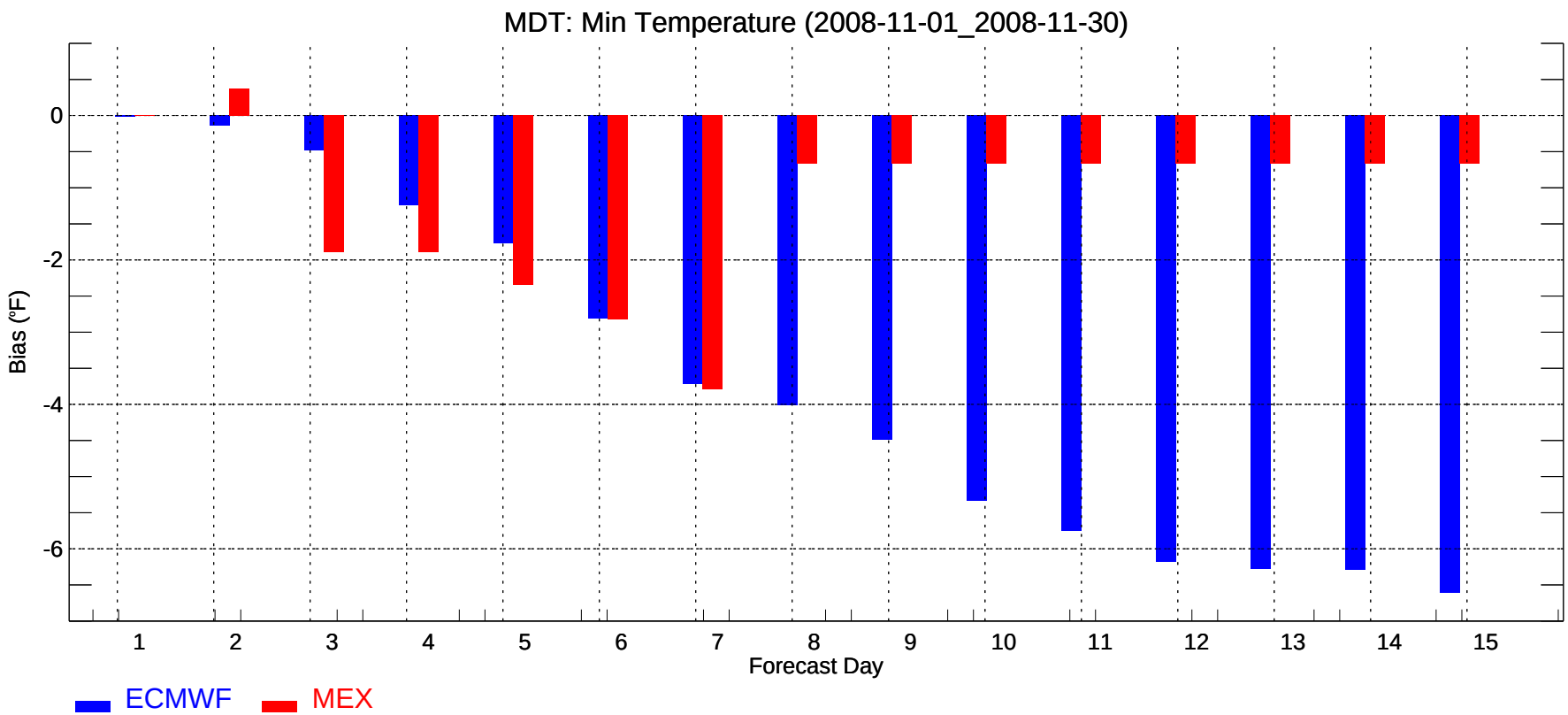
Forecast Day
ECMWF
MEX


MDT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
1
2
3
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5
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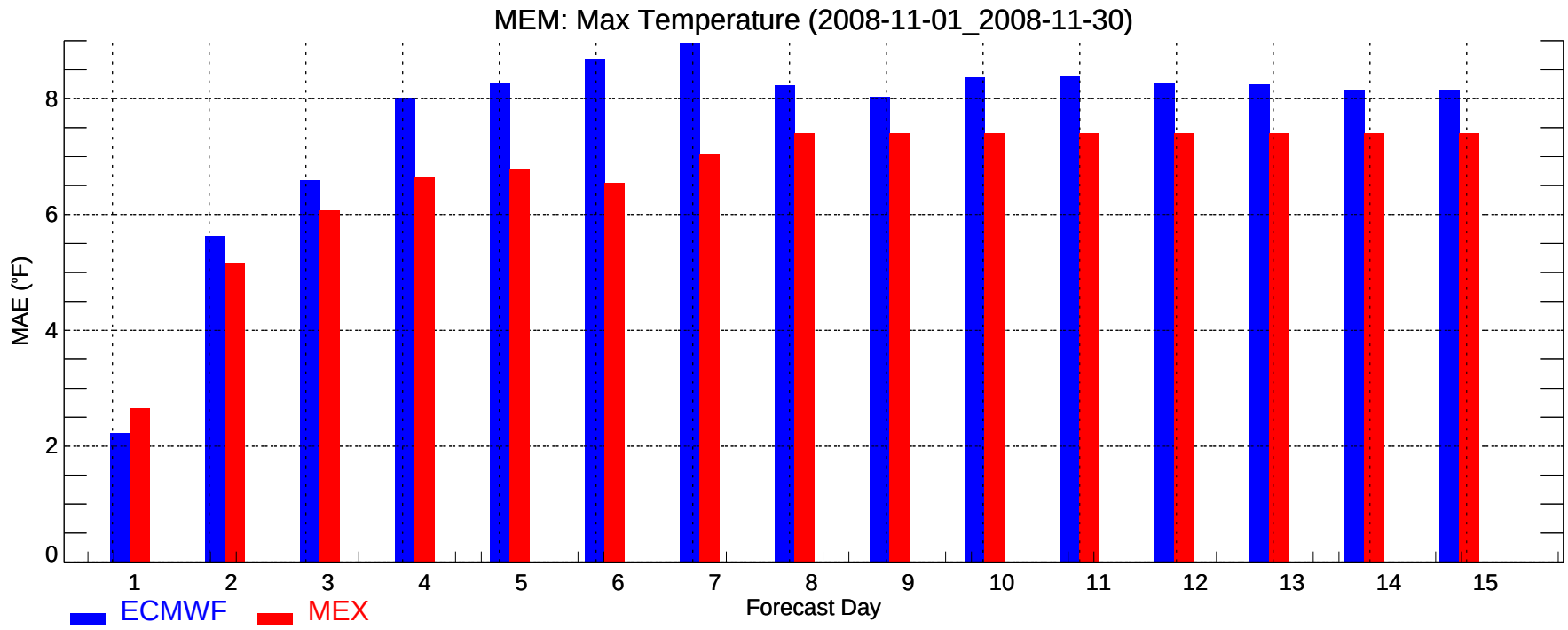
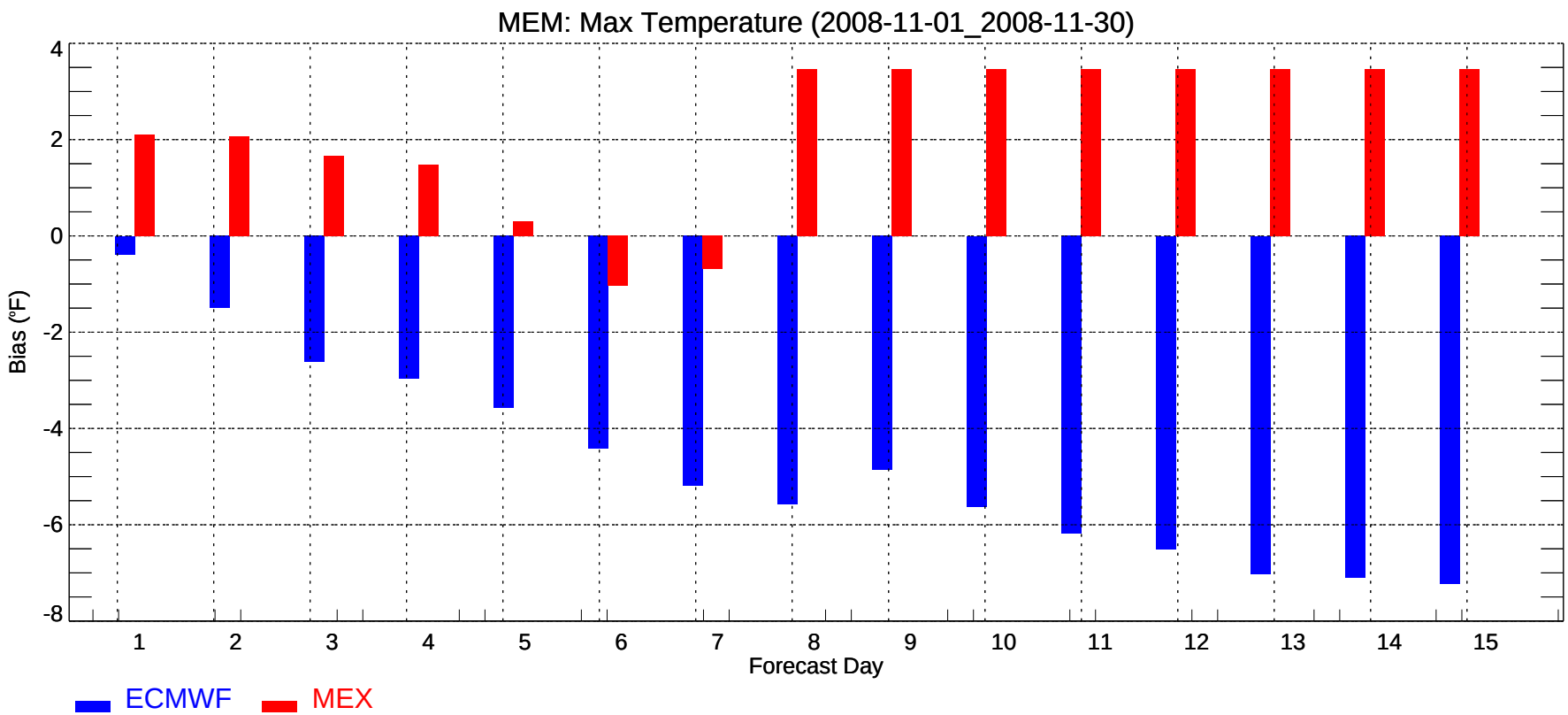
Forecast Day
ECMWF
MEX


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


MEM: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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13
14
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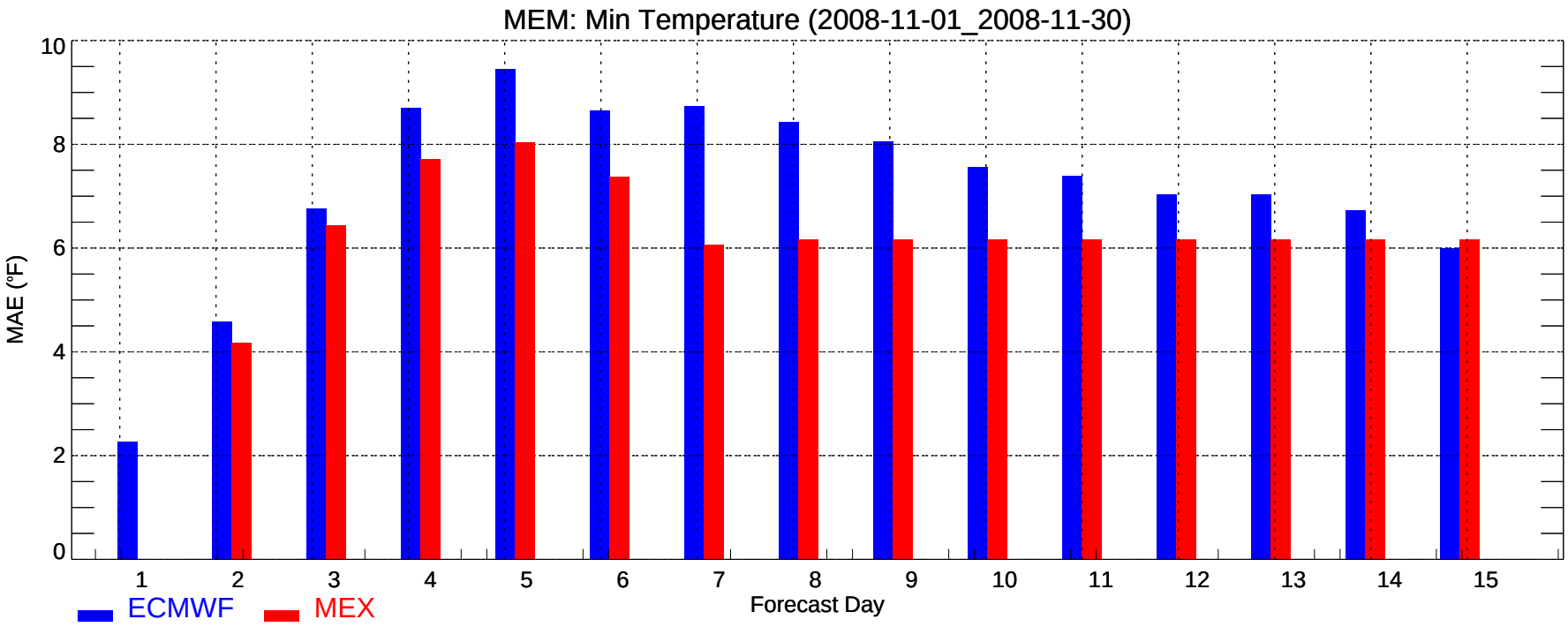
Forecast Day
ECMWF
MEX


MEM: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
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7
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13
14
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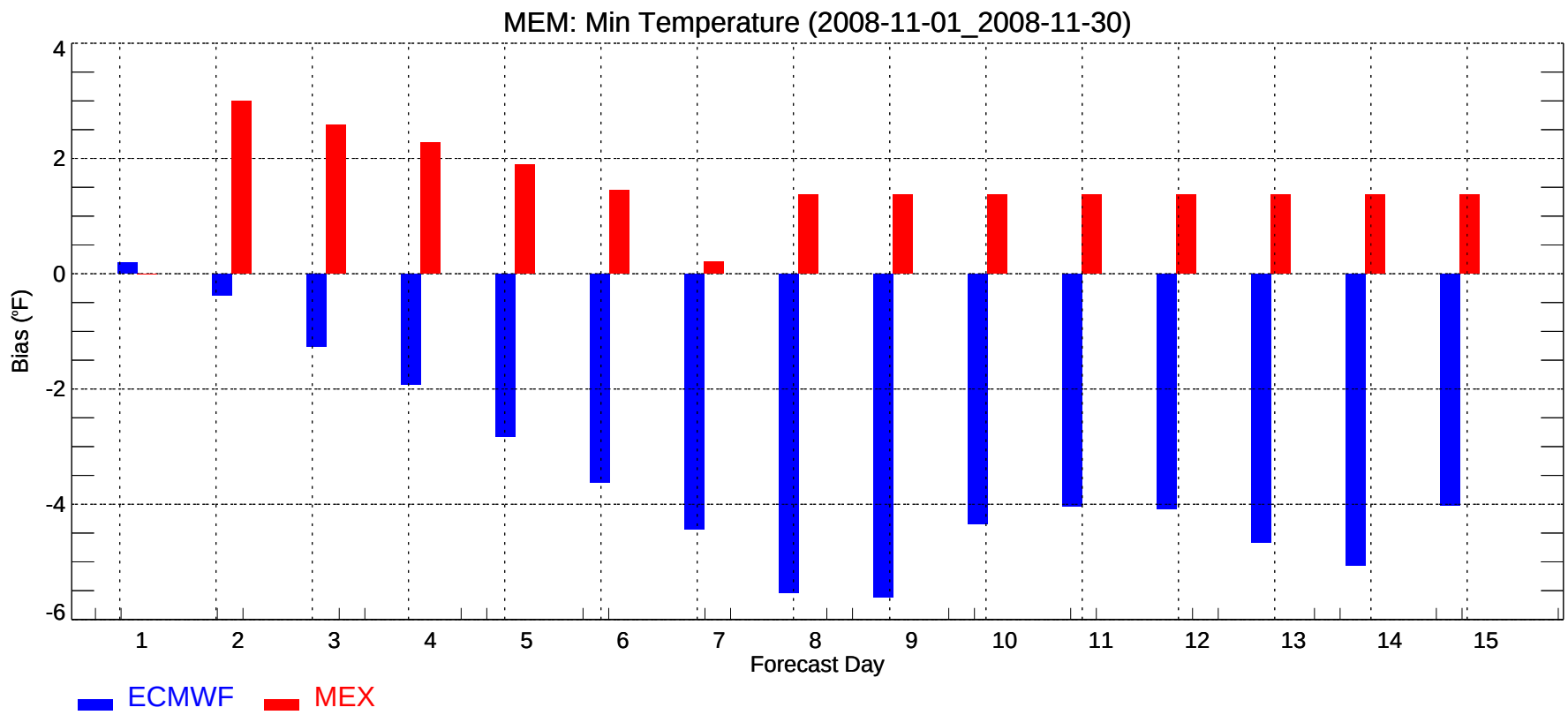
Forecast Day
ECMWF
MEX


MEM: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
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7
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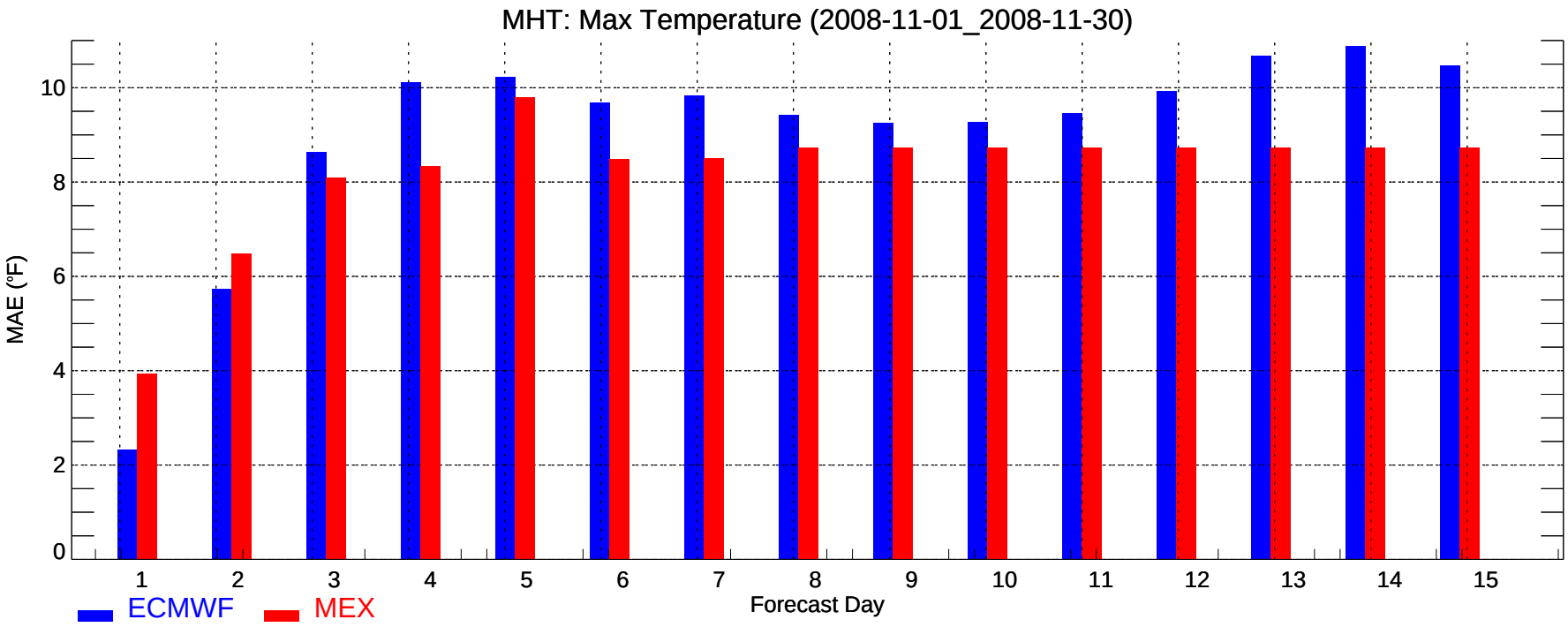
Forecast Day
ECMWF
MEX


MHT: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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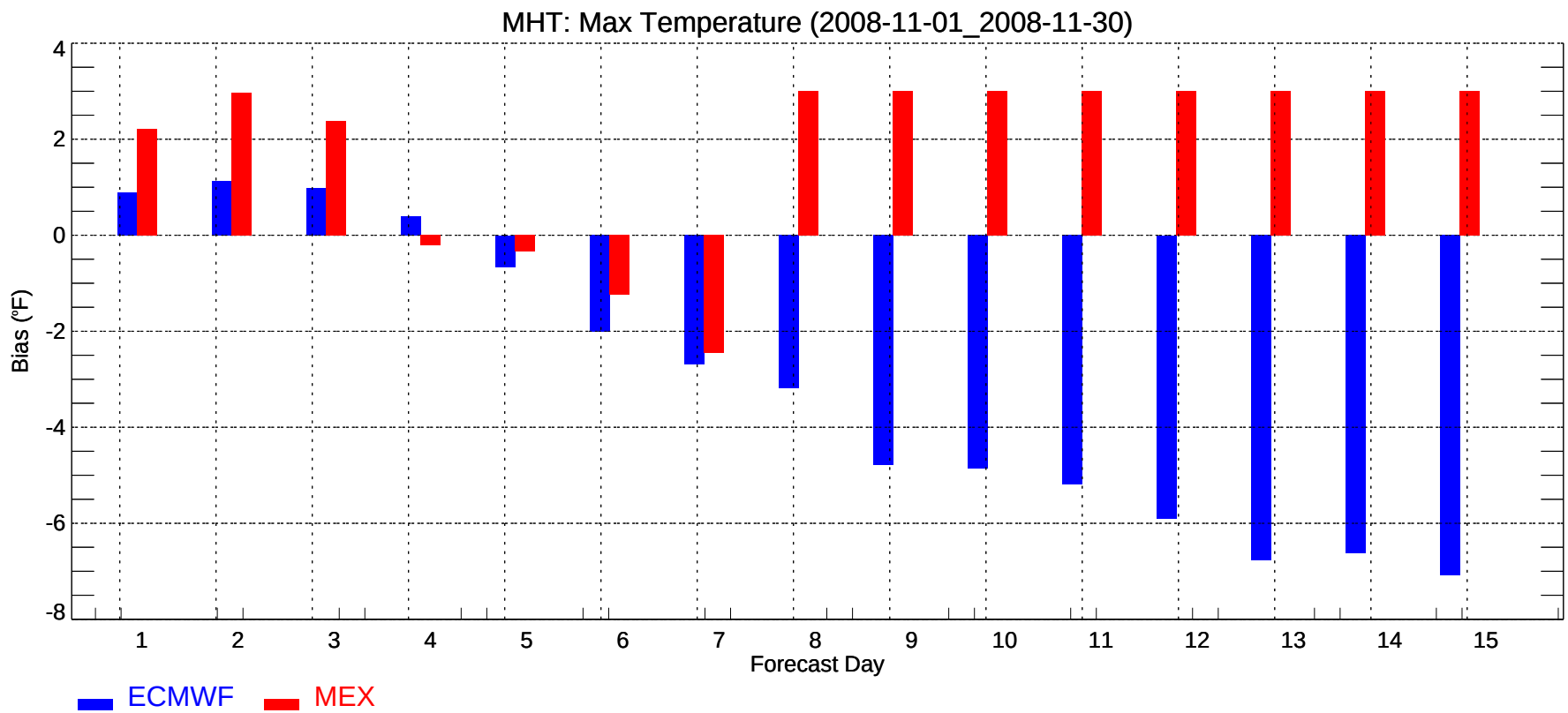
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MHT: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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12
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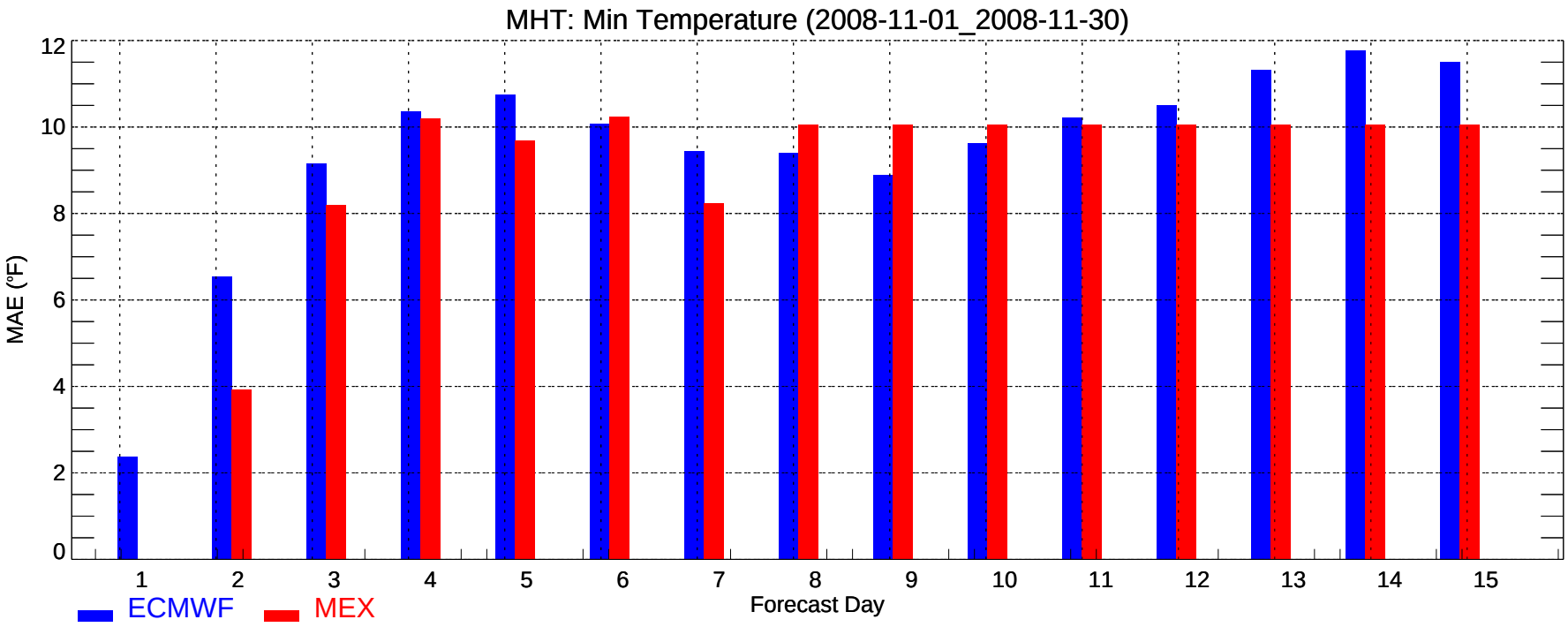
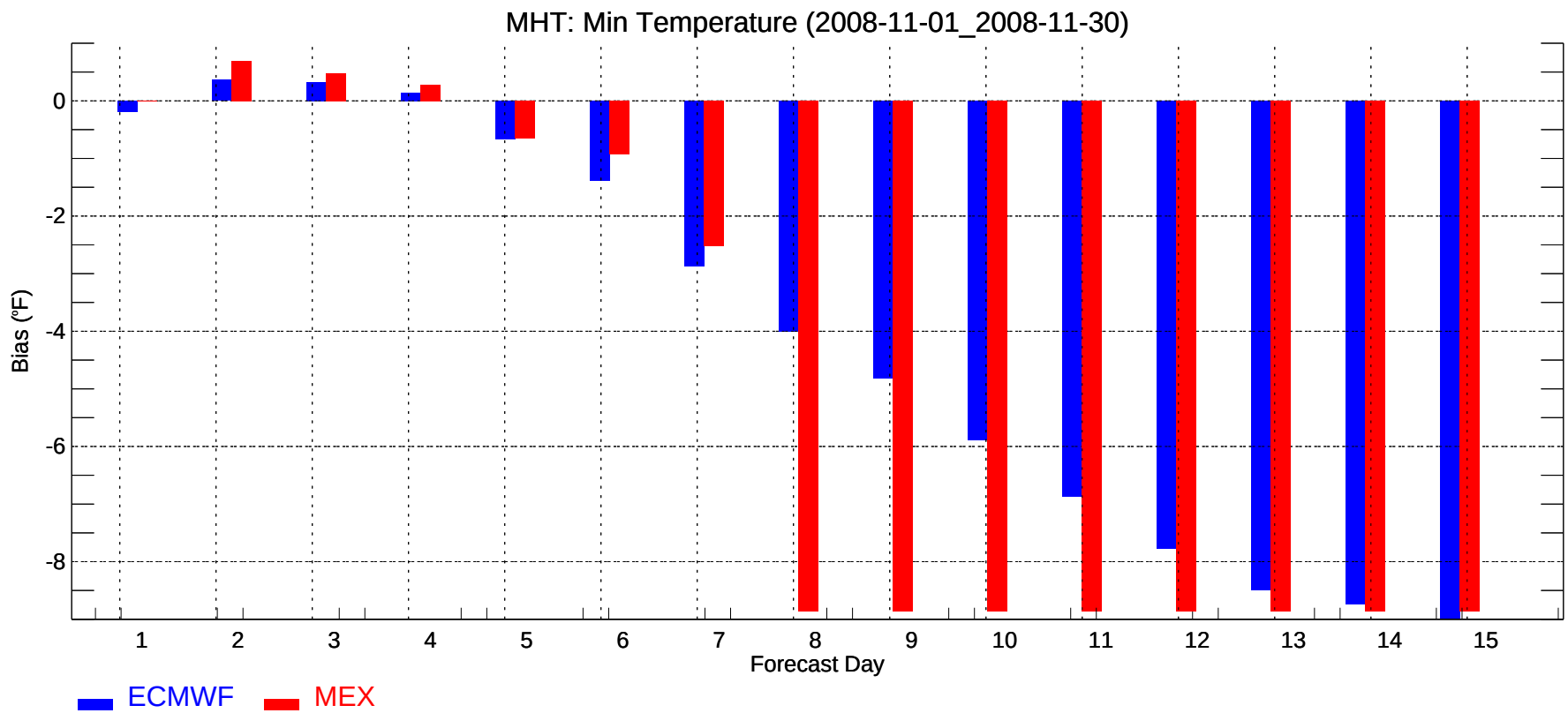
Forecast Day
ECMWF
MEX


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


MHT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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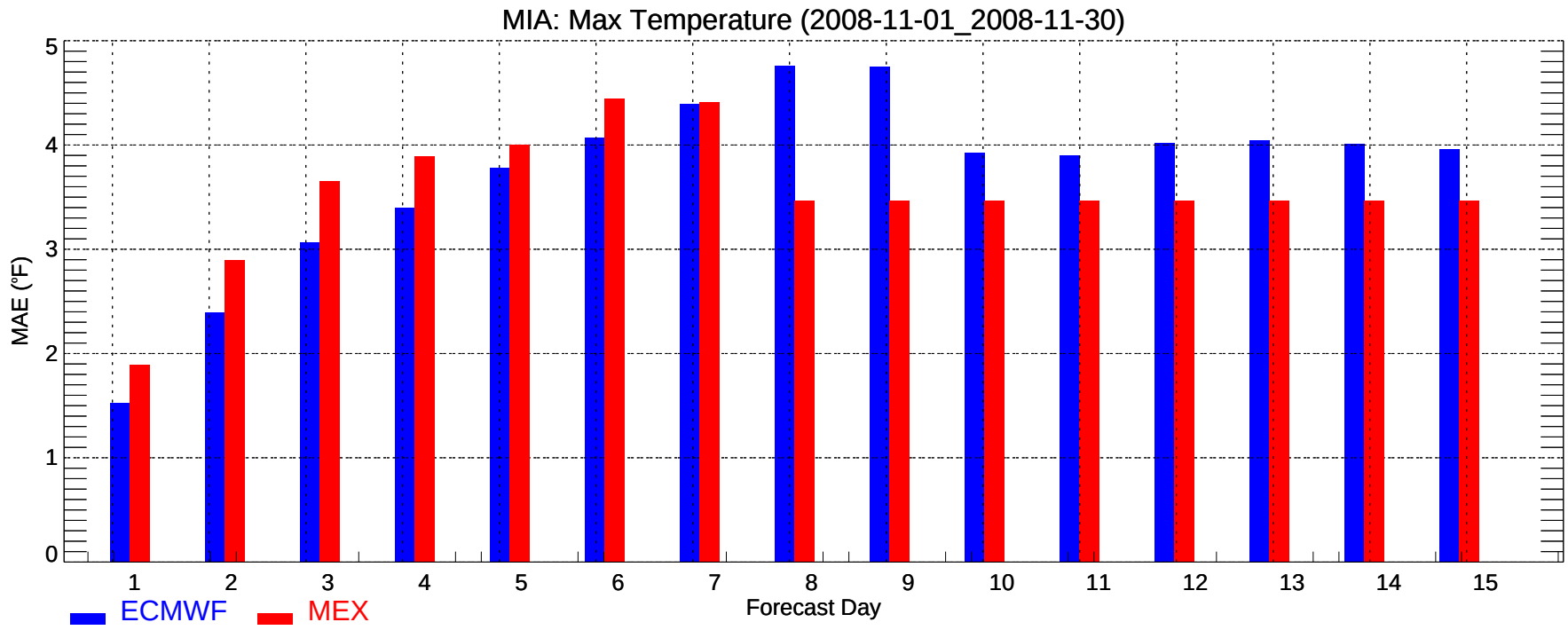
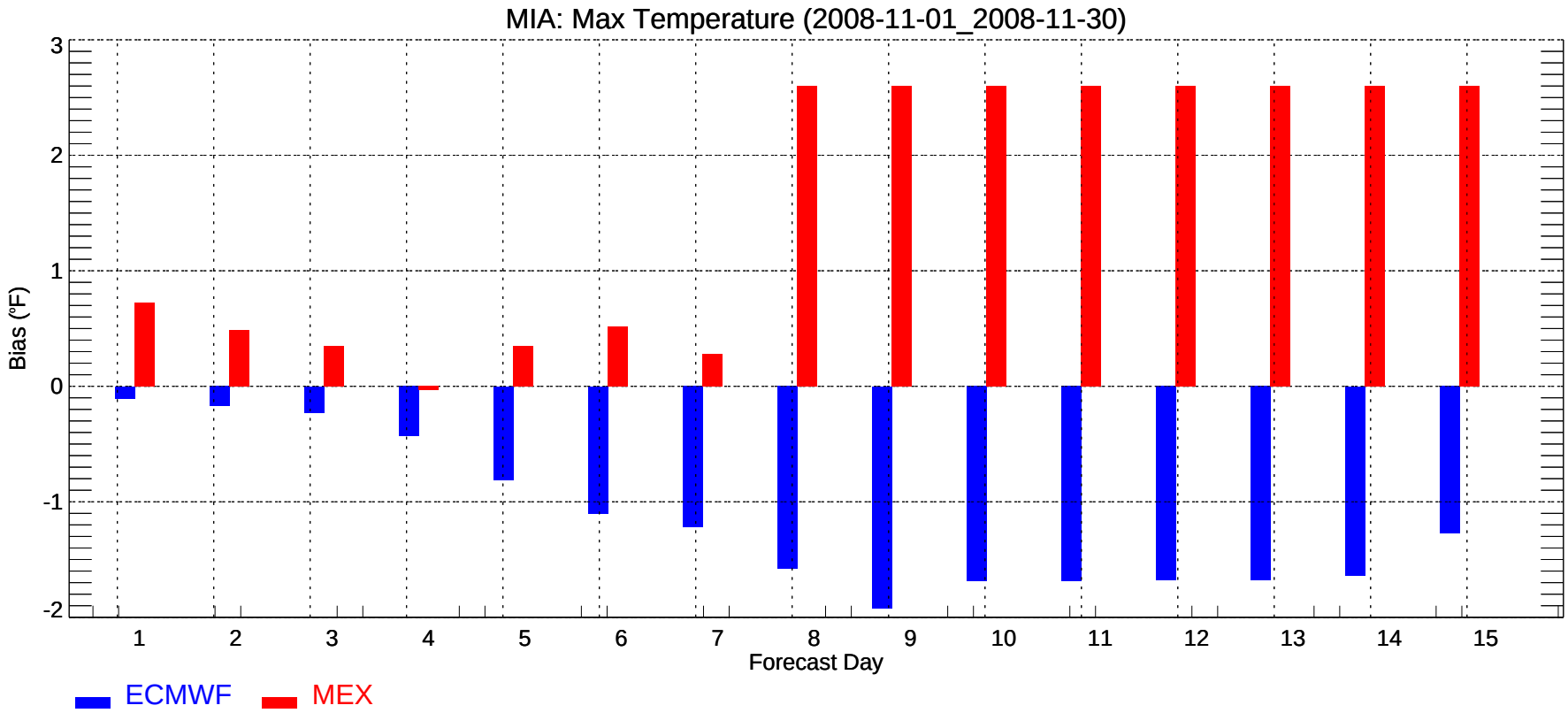
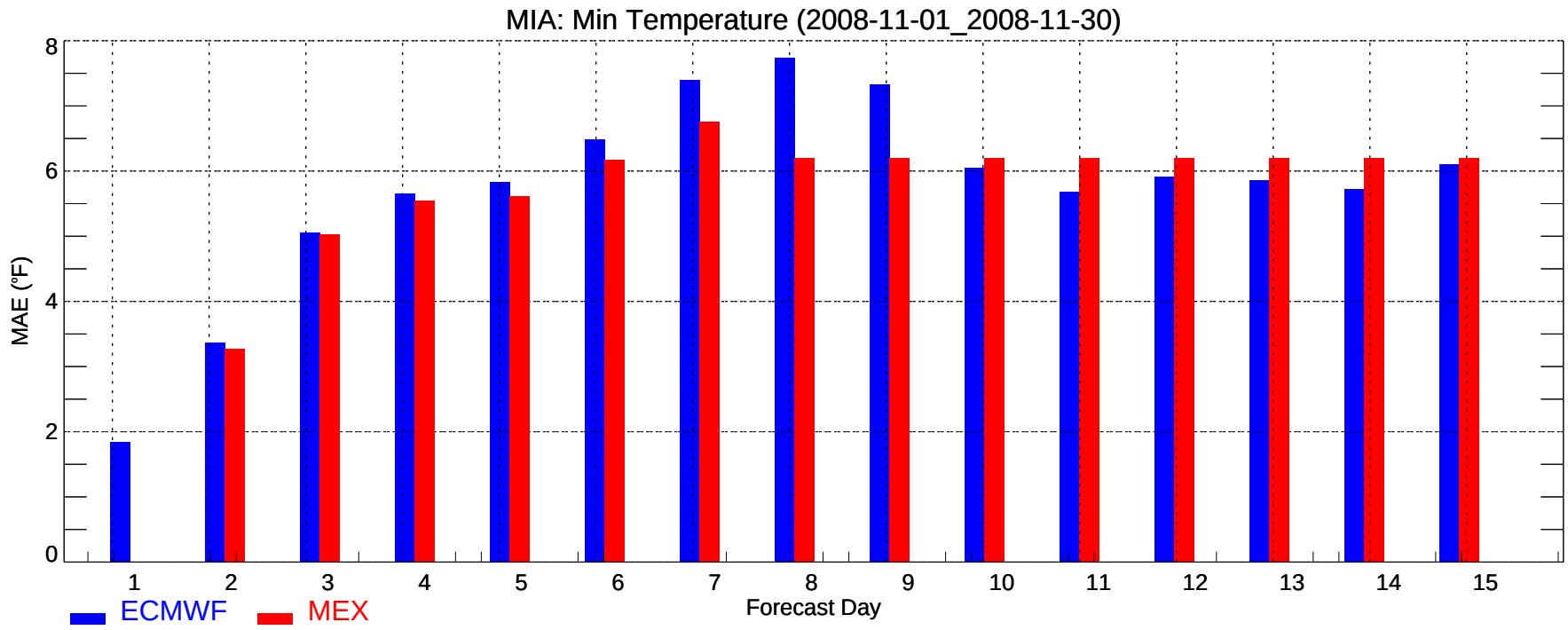
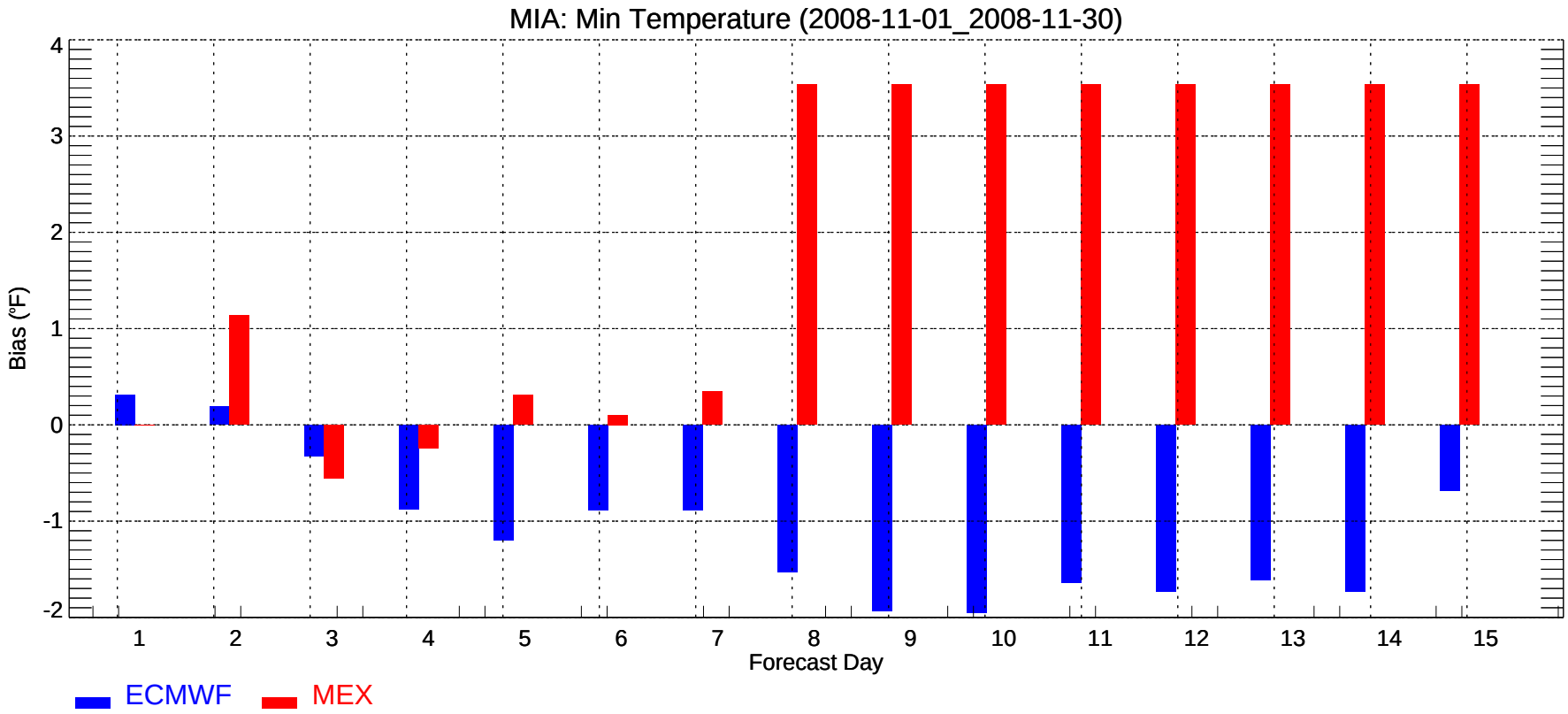
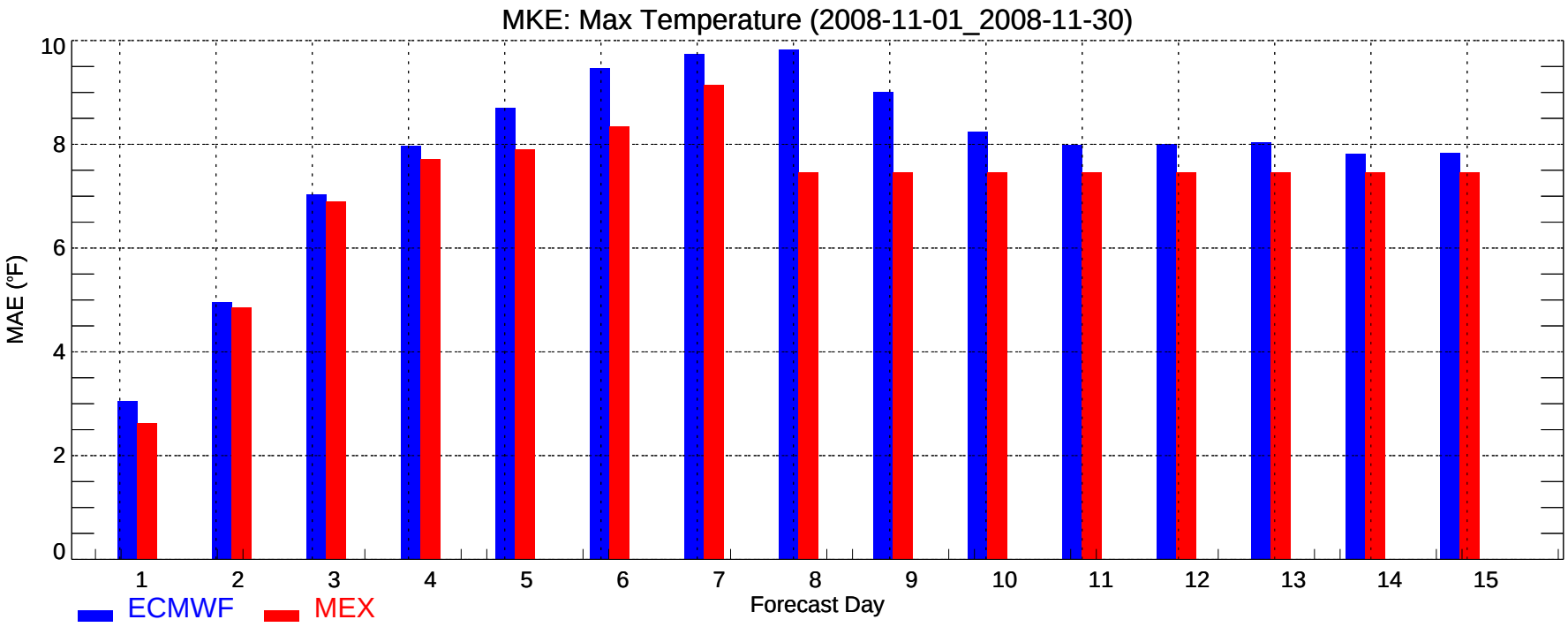
11
12
13
14
15
Forecast Day
ECMWF
MEX

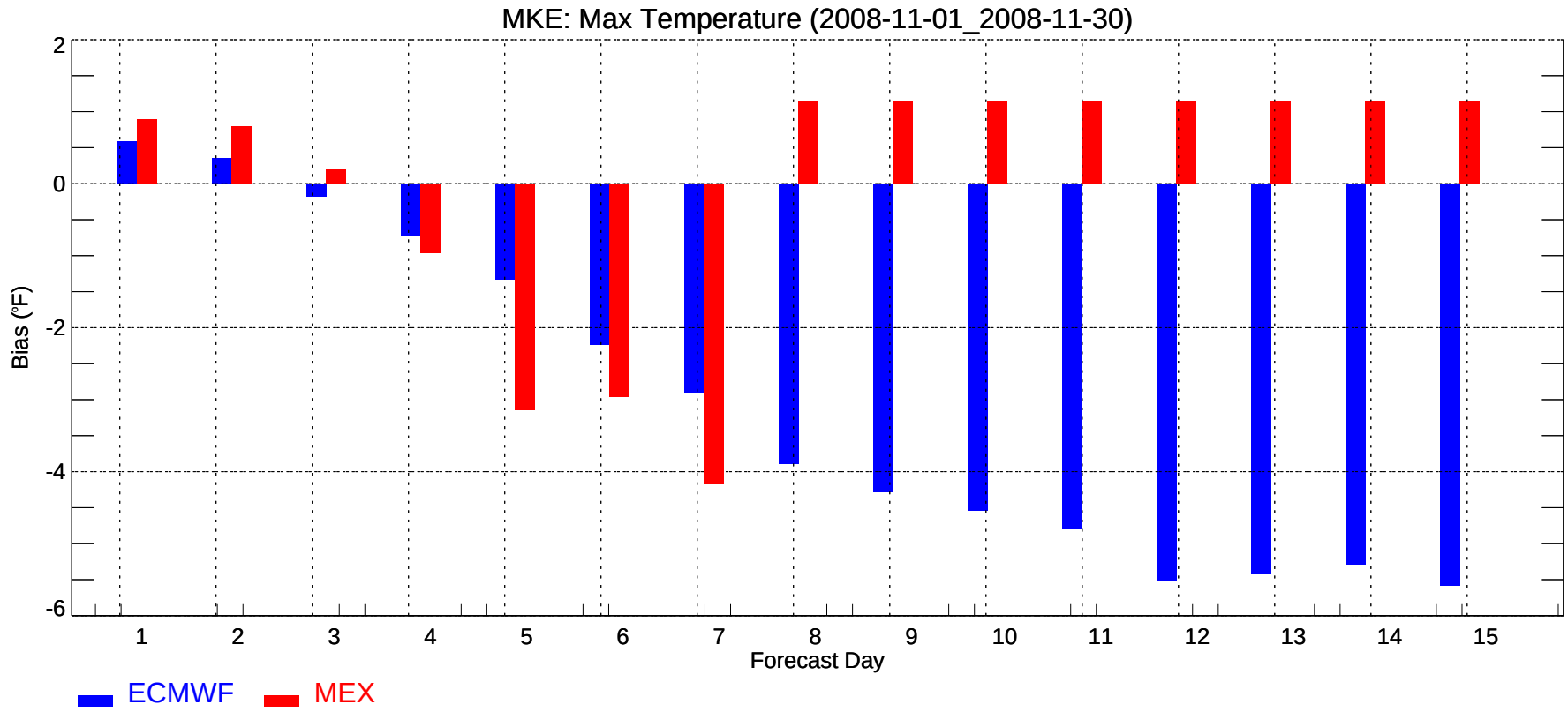

MIA: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

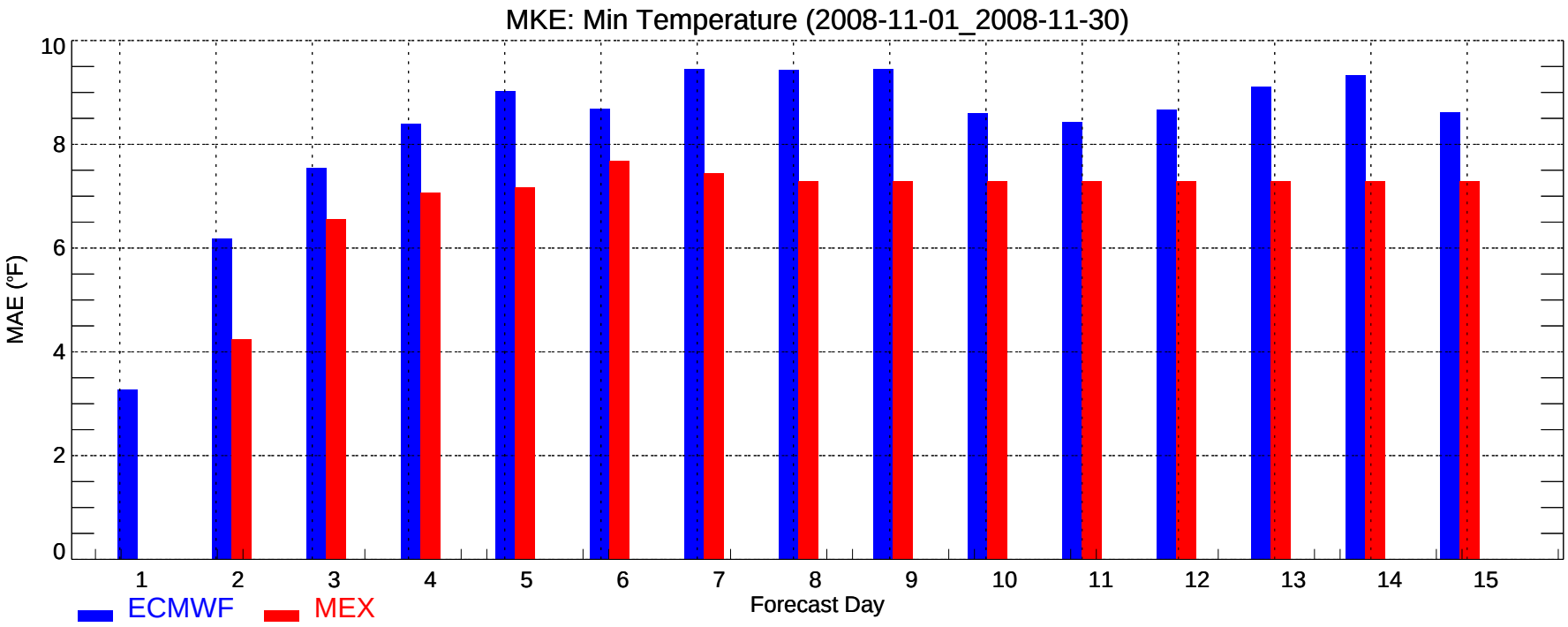

MIA: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
3
2
1
0
-1
-2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

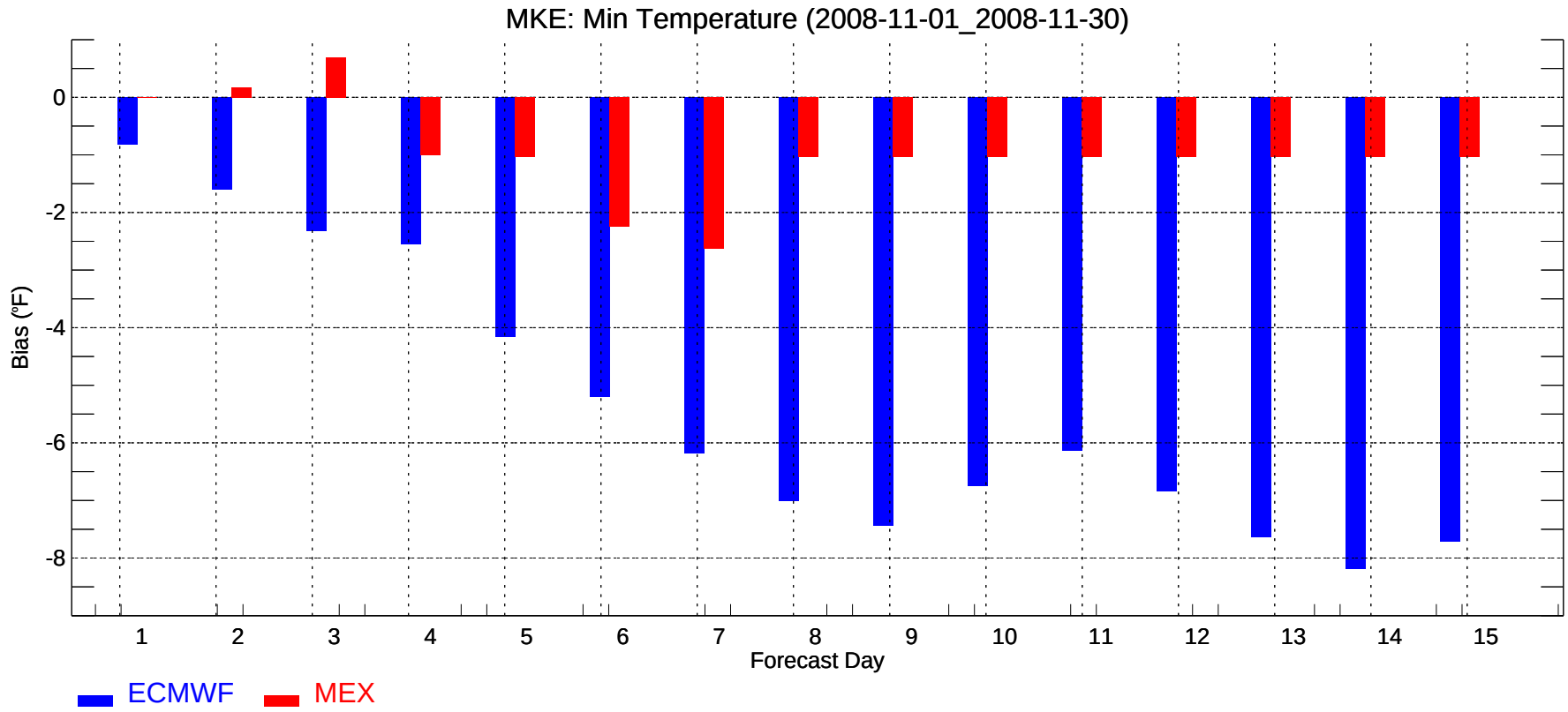

MIA: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


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


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


MKE: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
10
8
6
4
2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MKE: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
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6
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12
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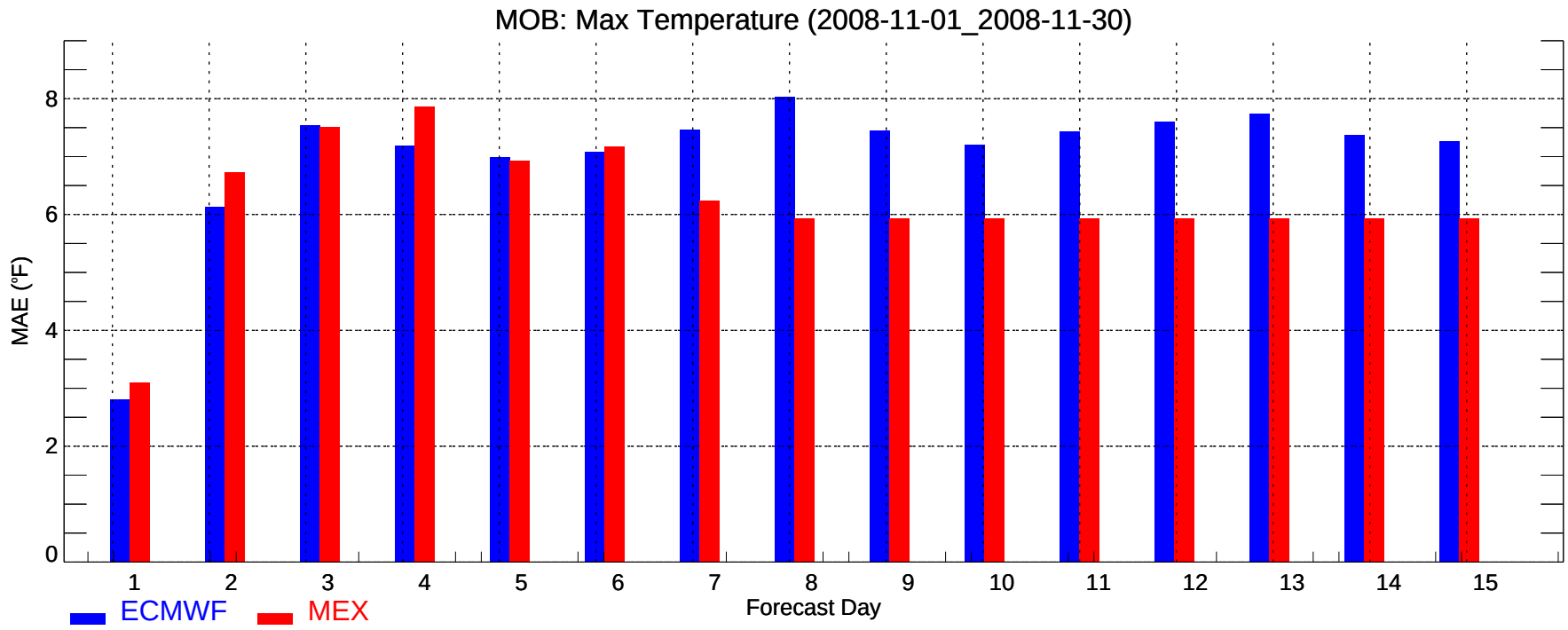
14
15
Forecast Day
ECMWF
MEX


MOB: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
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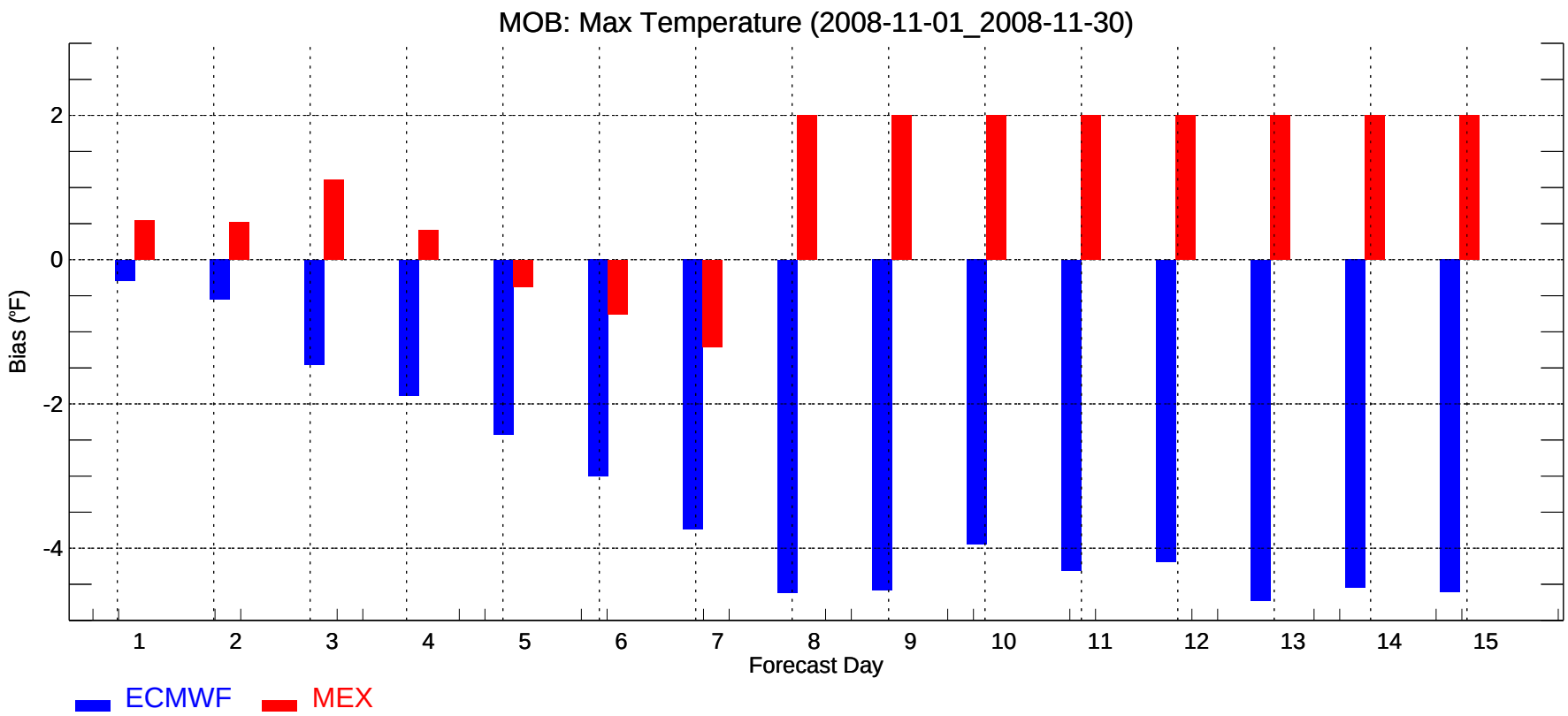
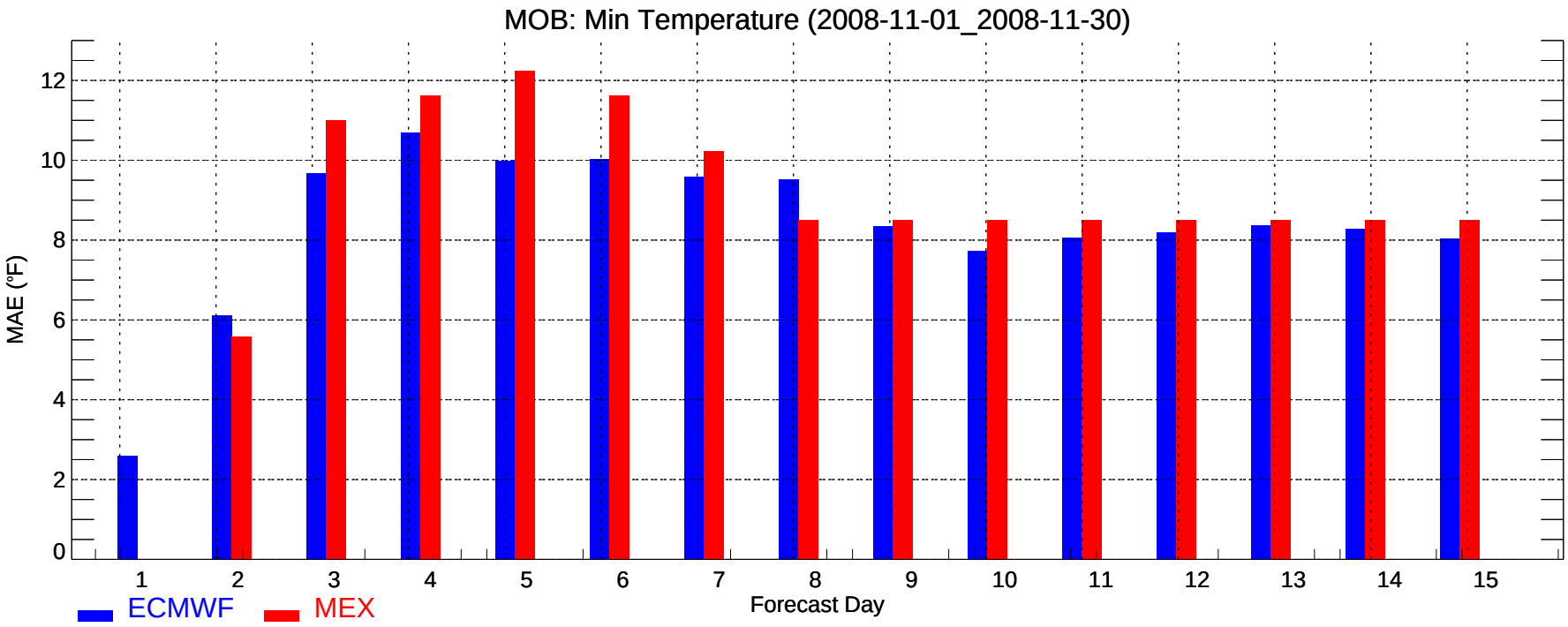
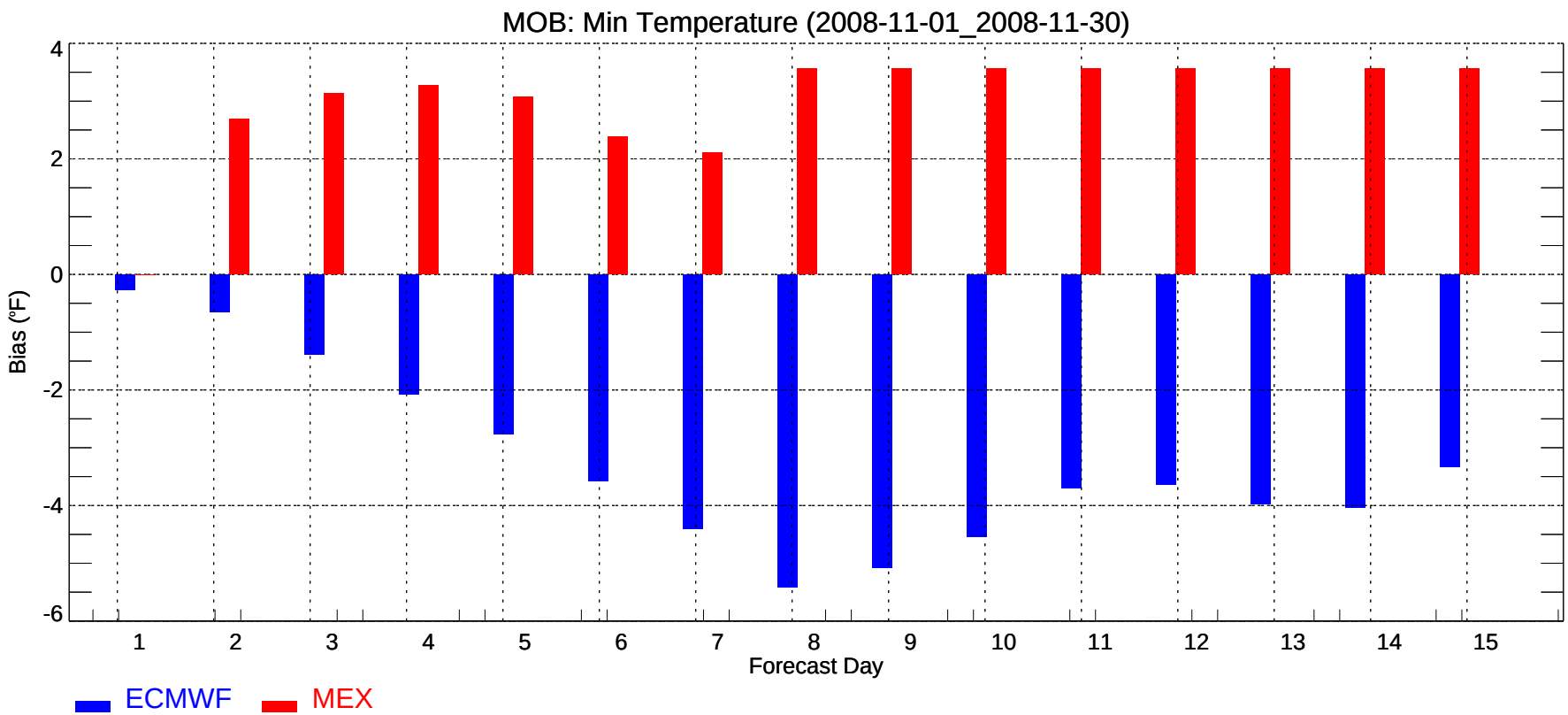
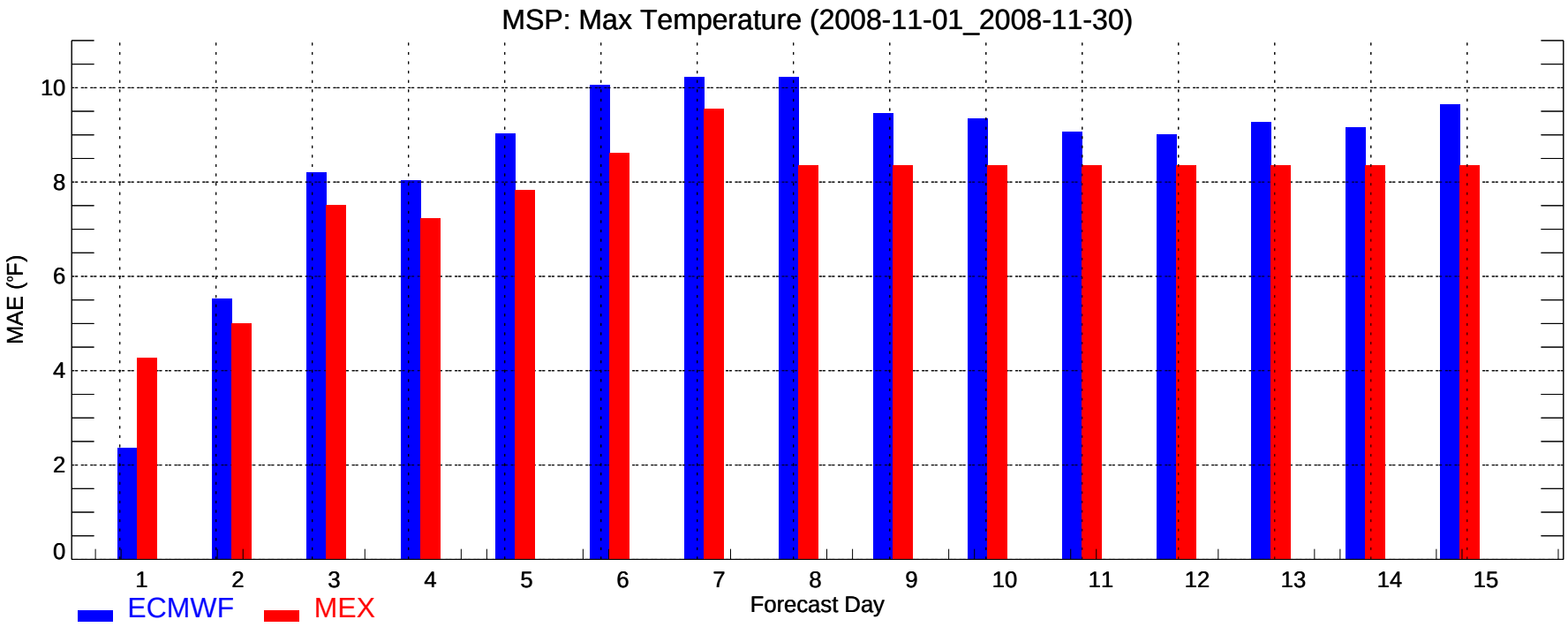
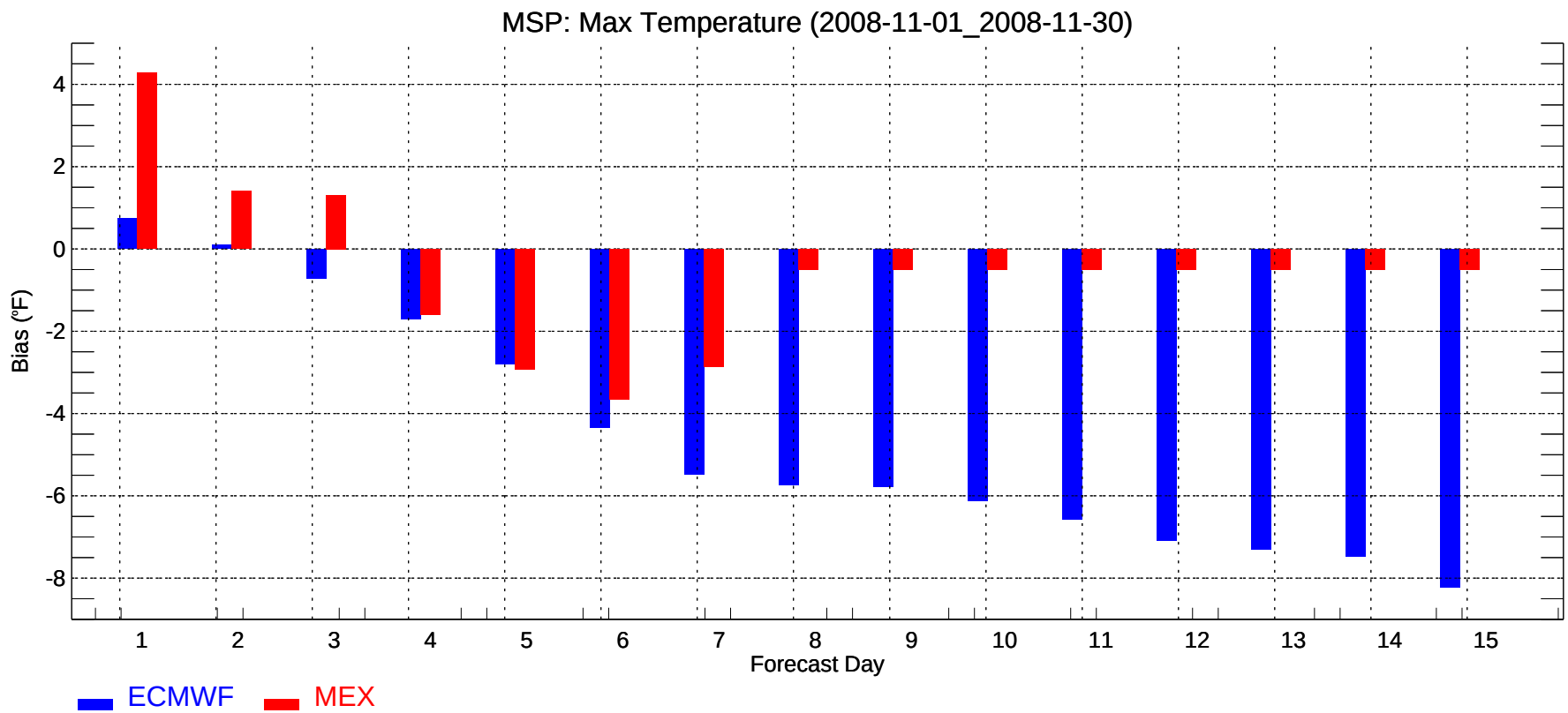
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

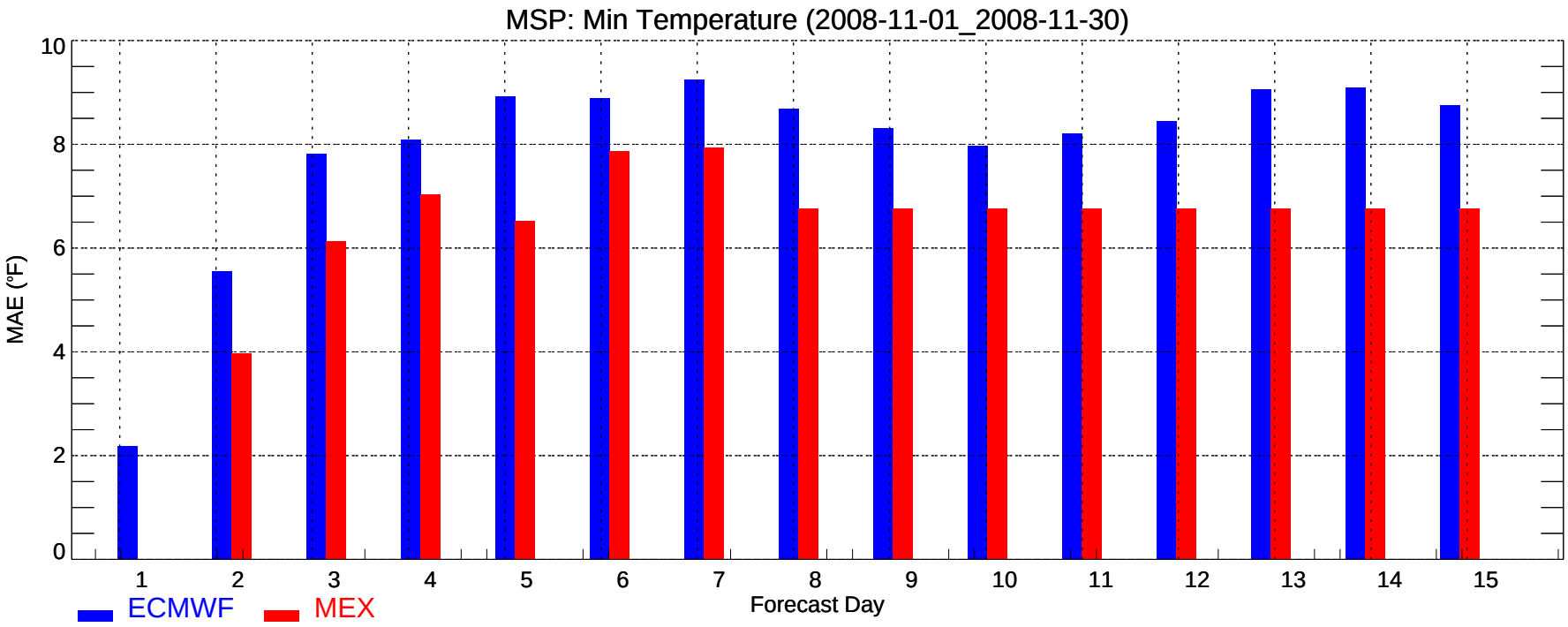

MOB: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

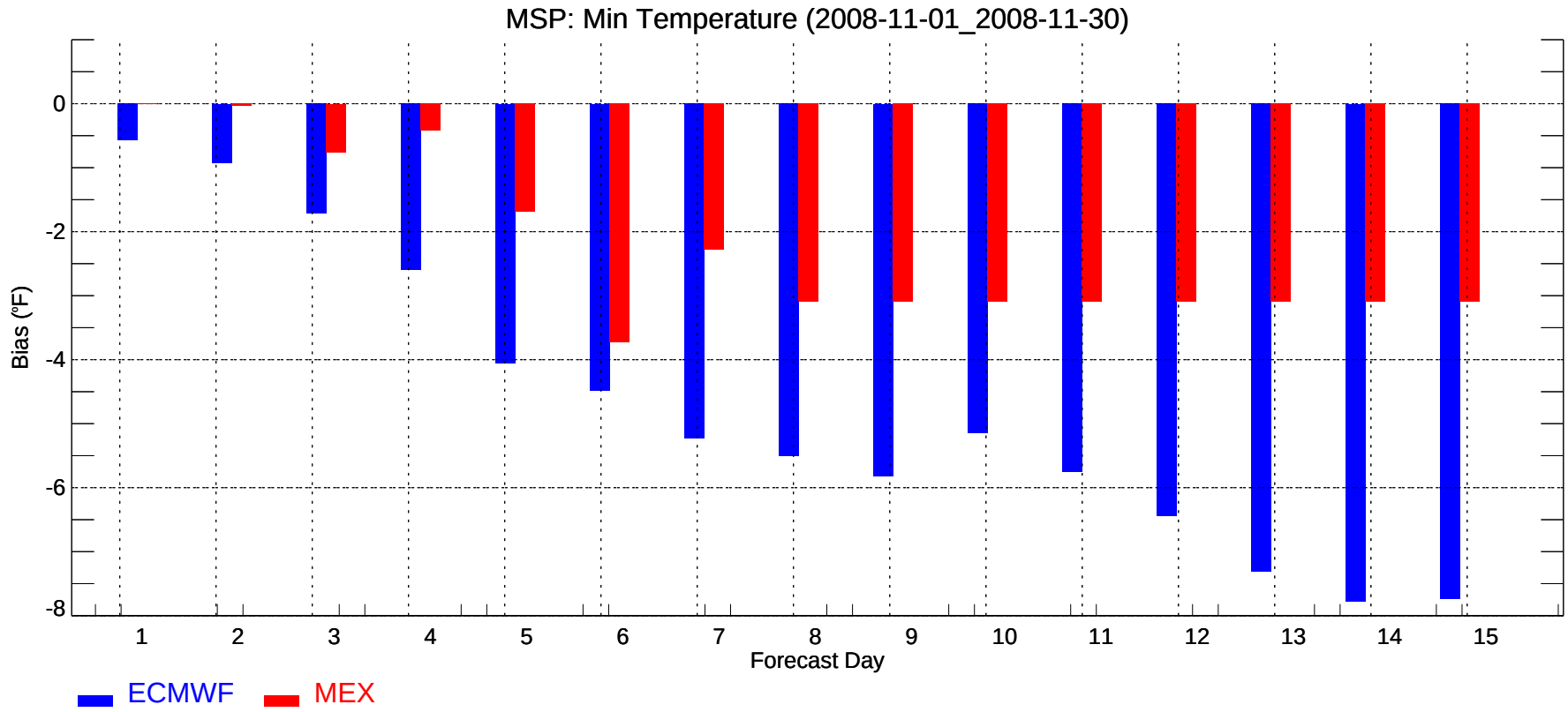

MOB: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

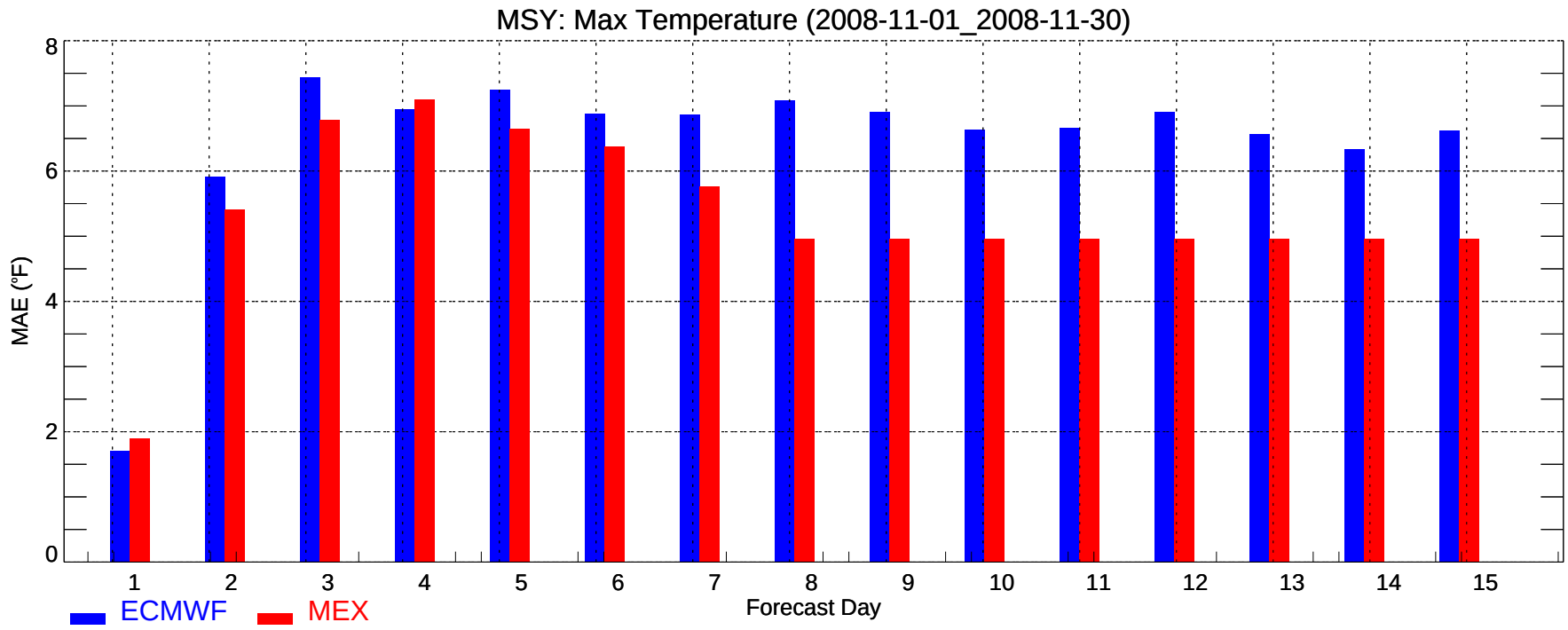

MOB: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

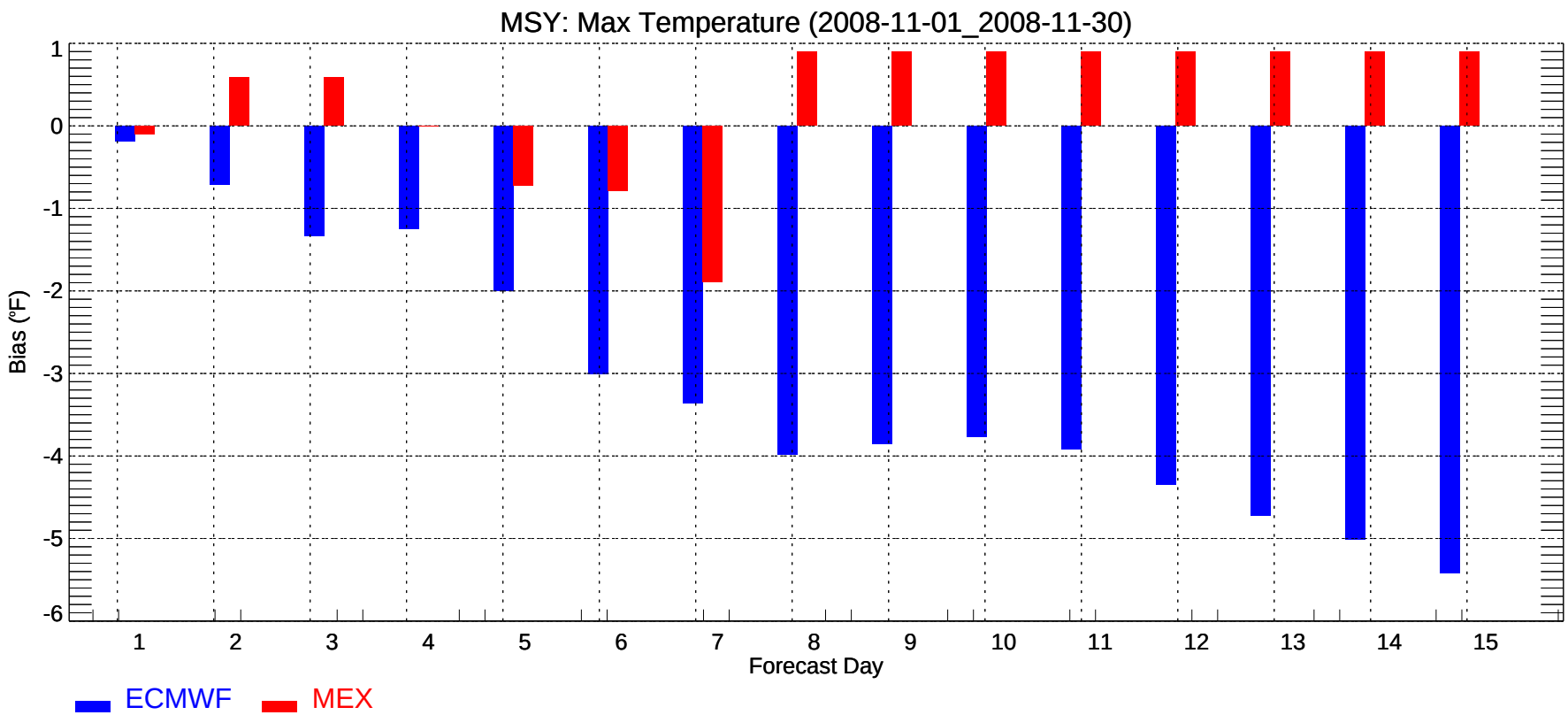

MSP: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

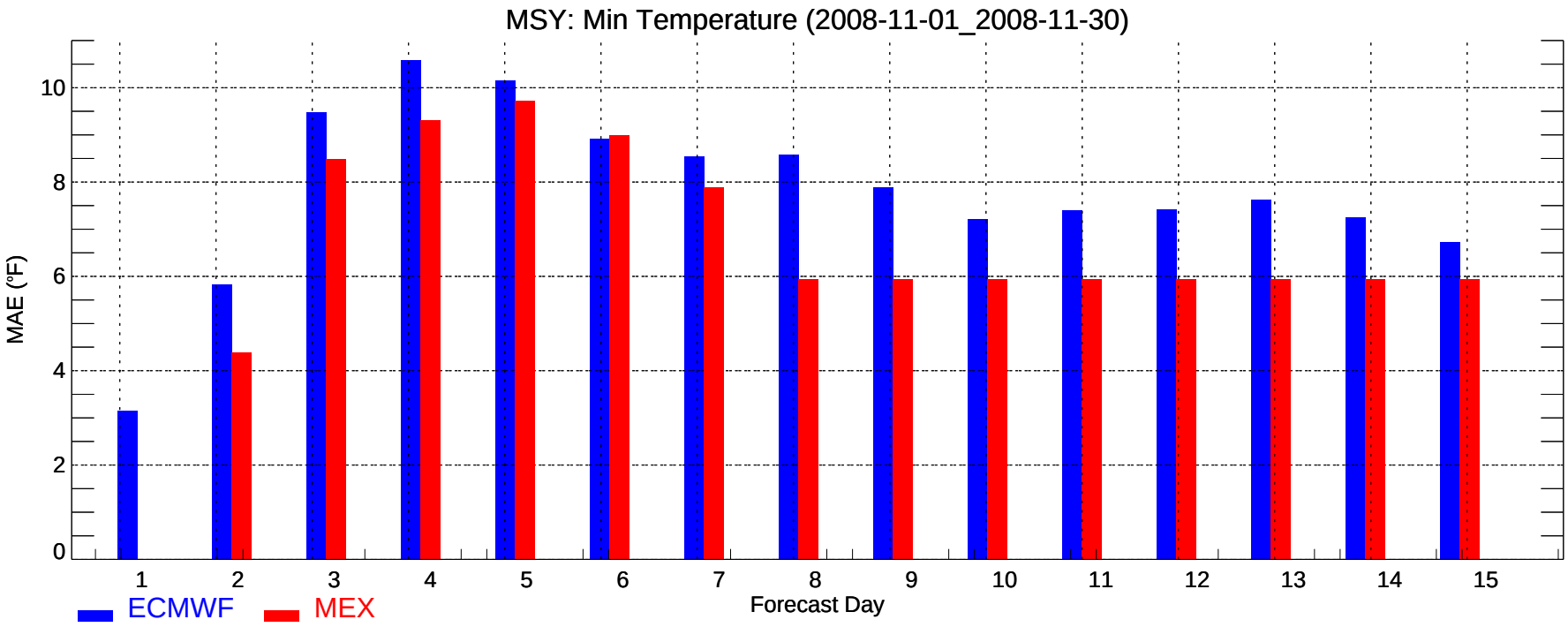

MSP: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

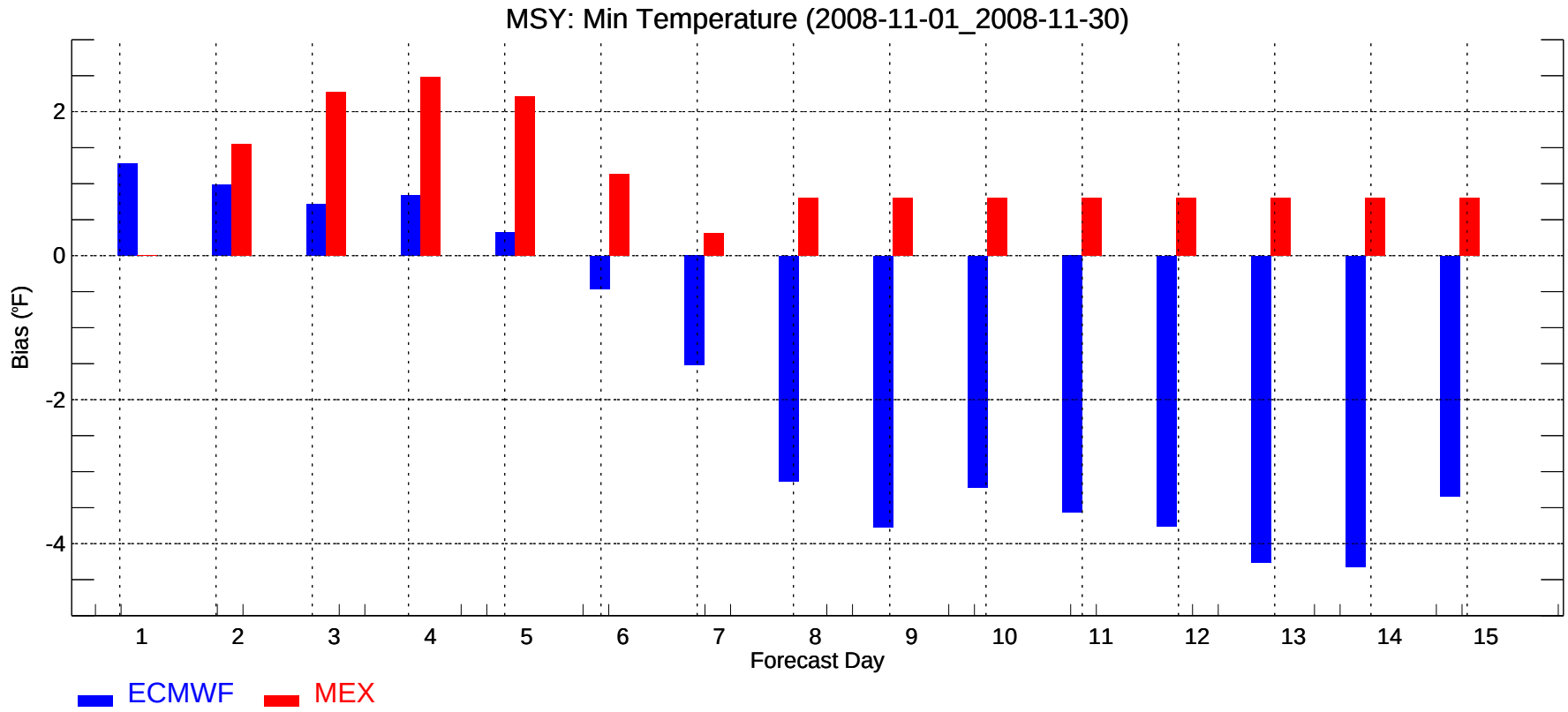

MSP: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
10
8
6
4
2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

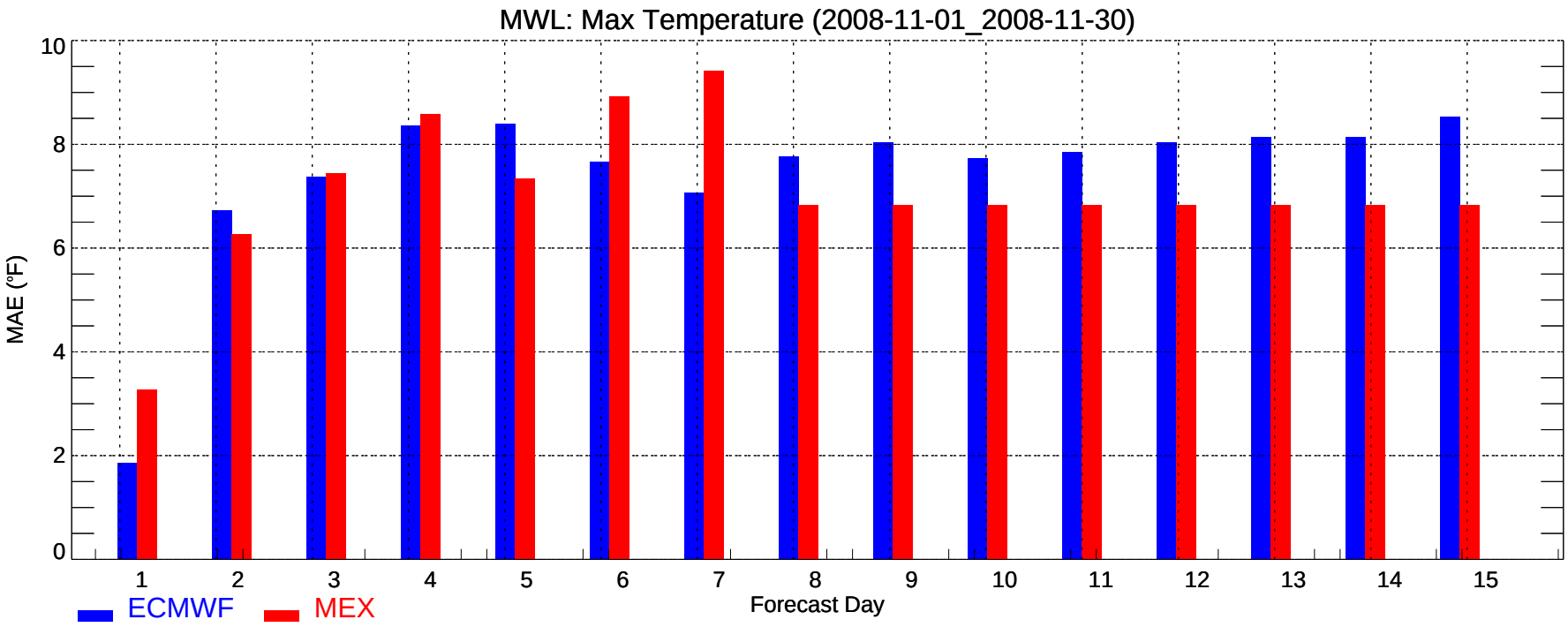

MSP: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

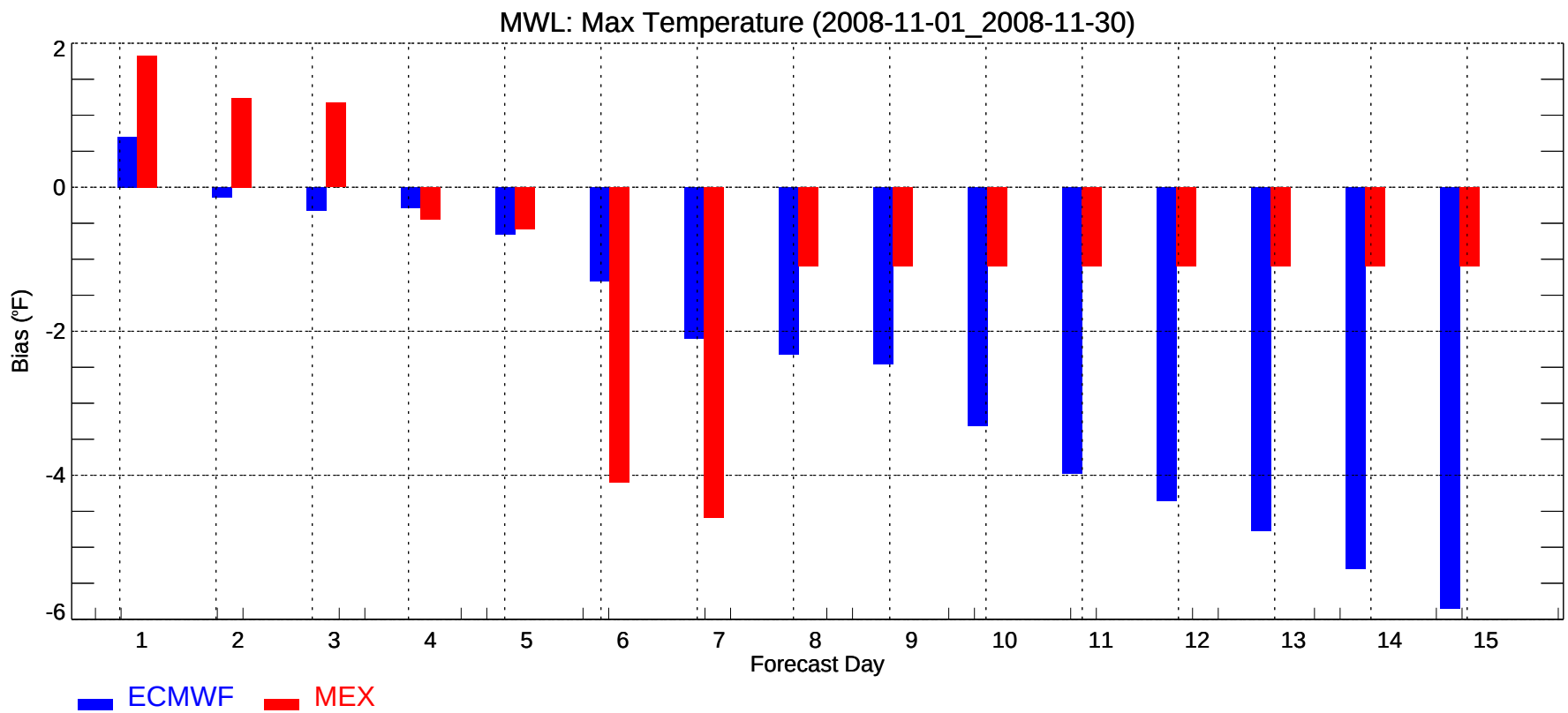

MSY: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

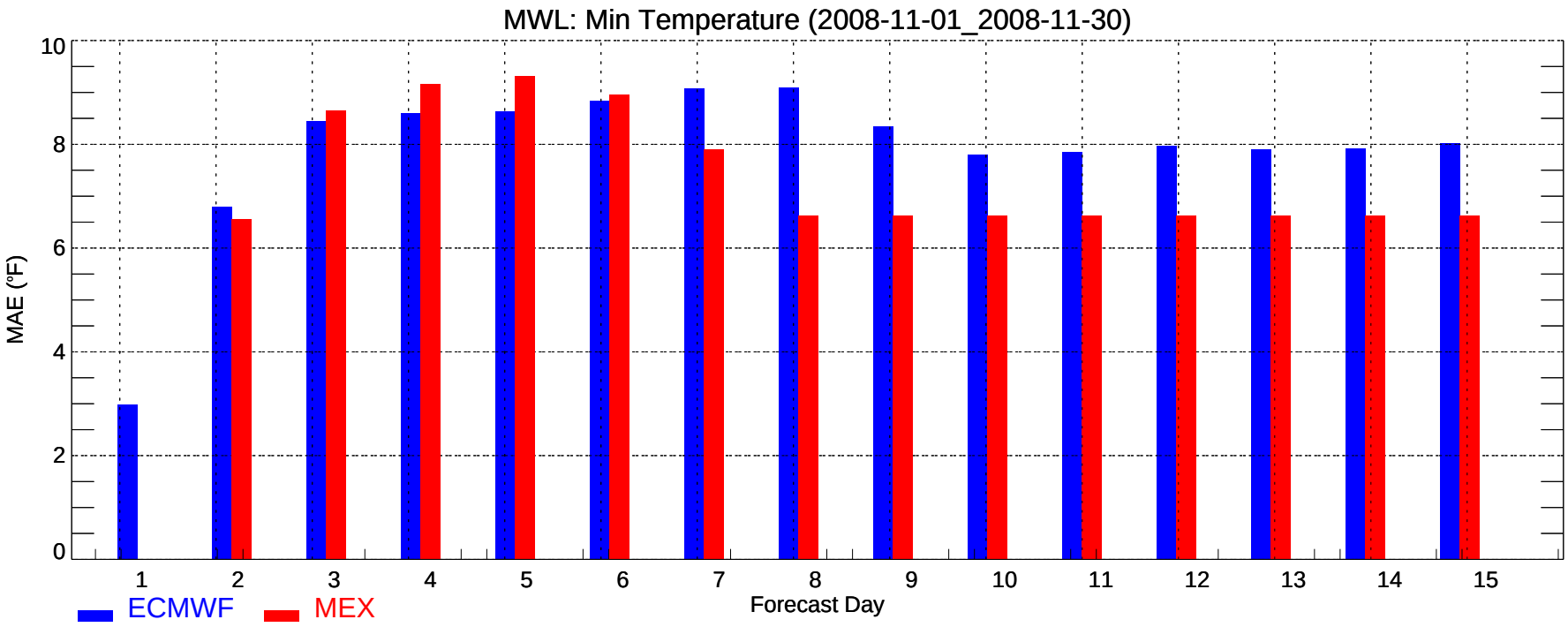

MSY: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

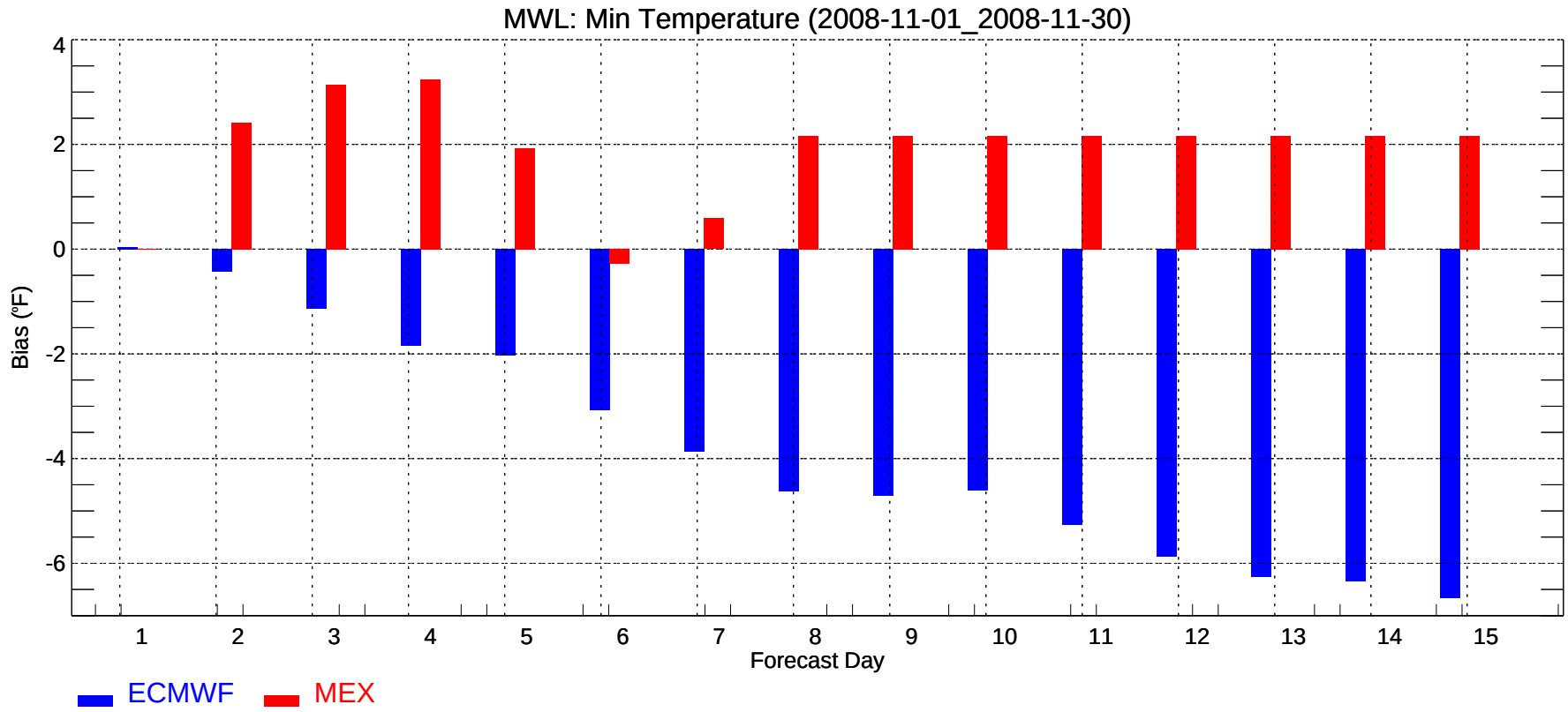

MSY: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


MSY: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


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


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


MWL: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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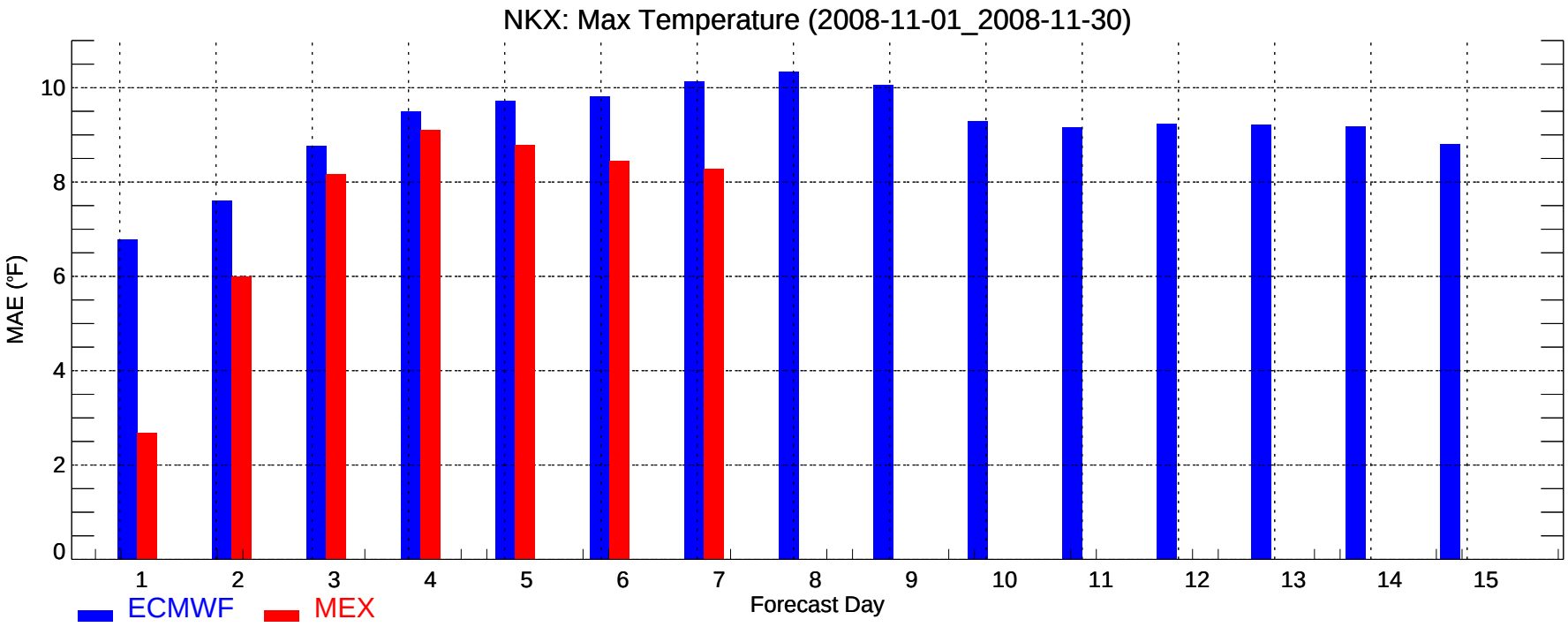
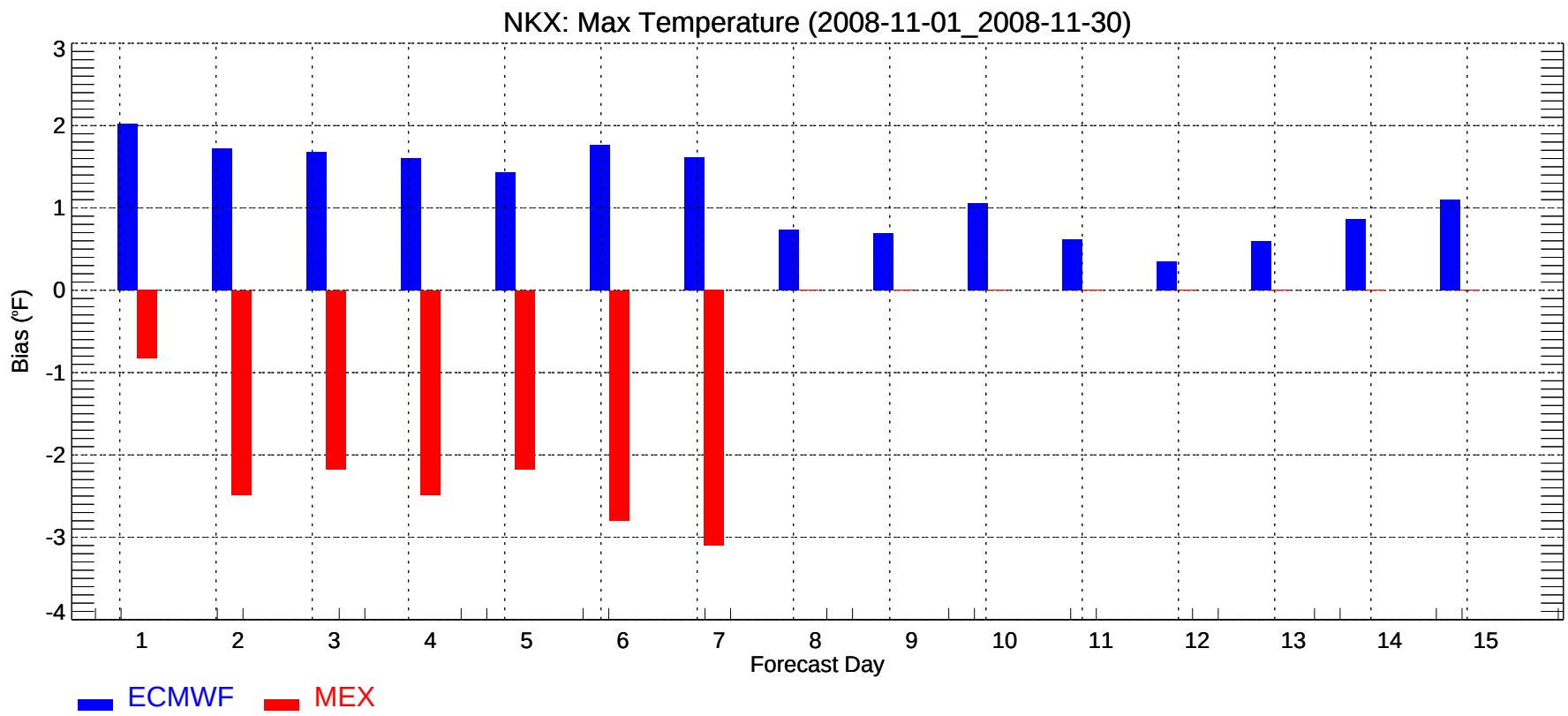
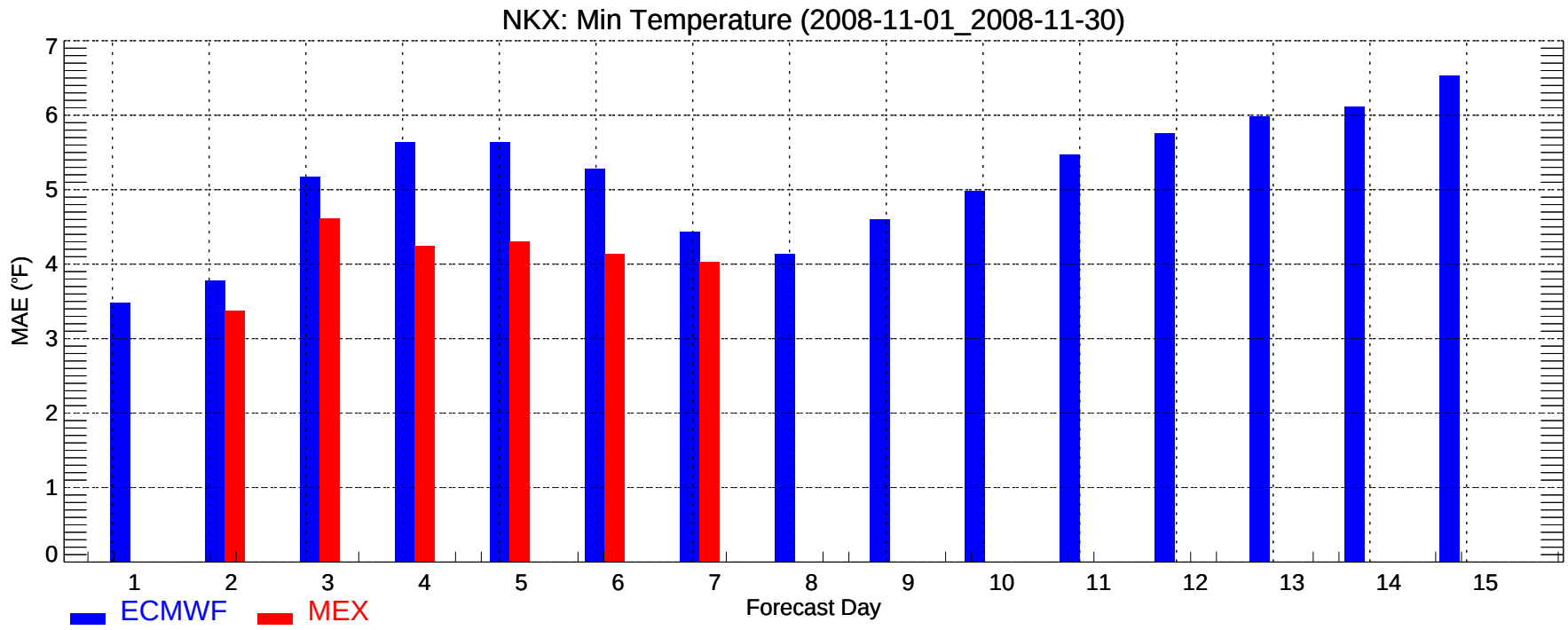
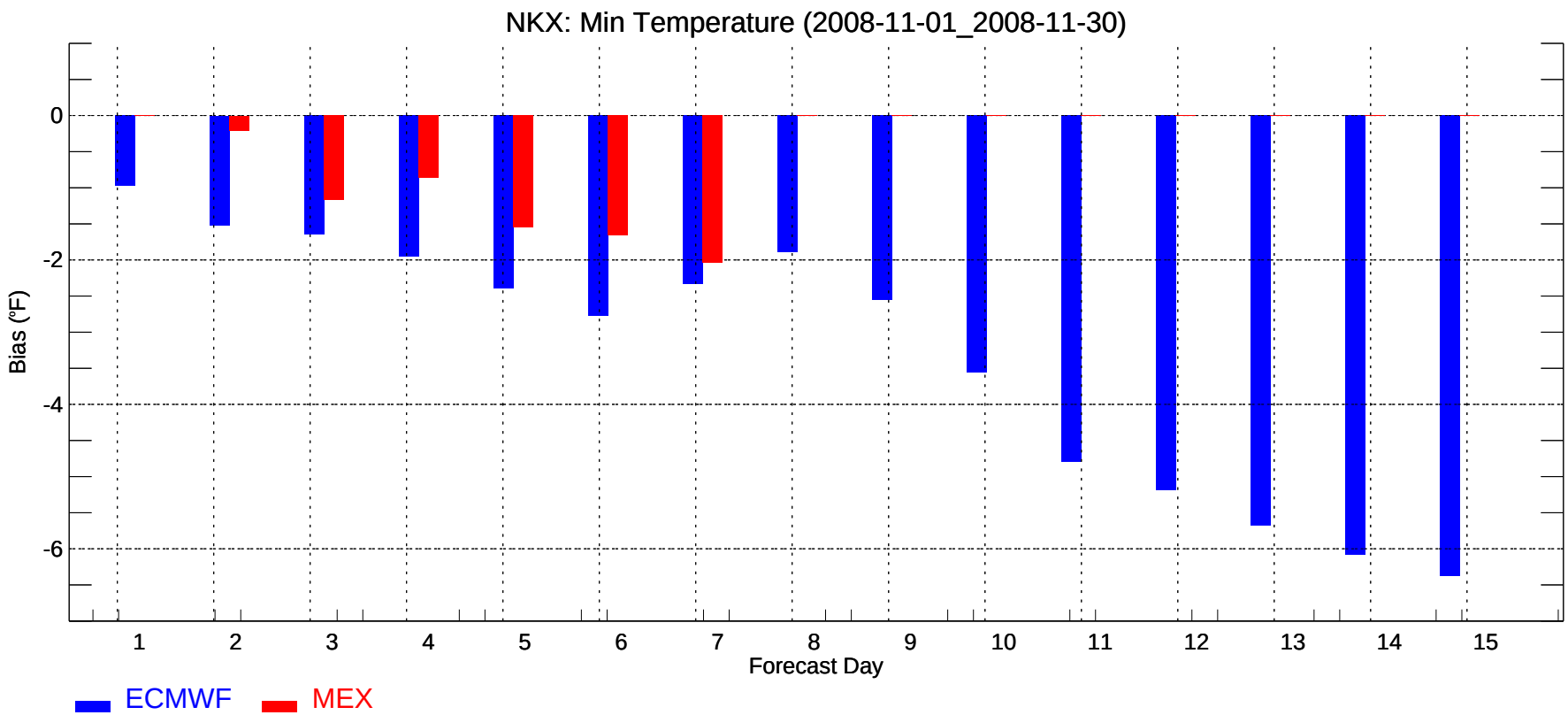
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


NKX: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
3
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


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


NKX: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
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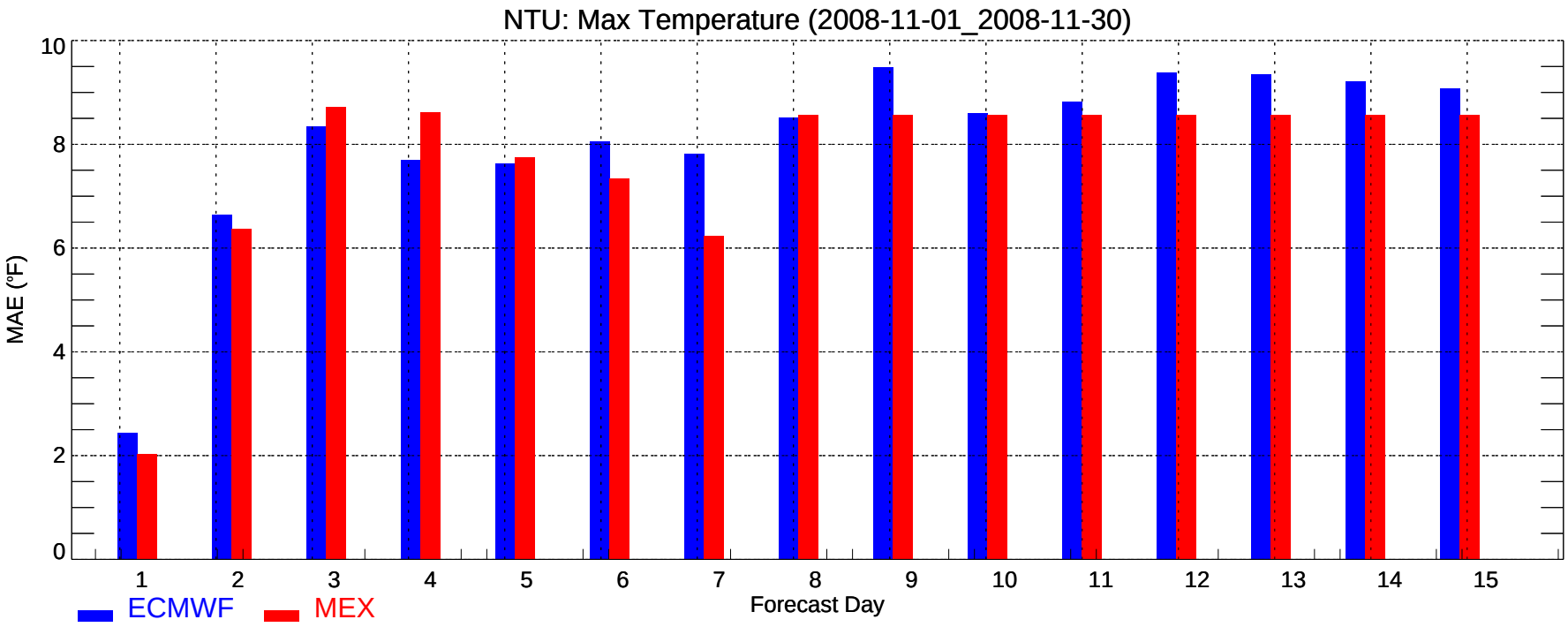
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NTU: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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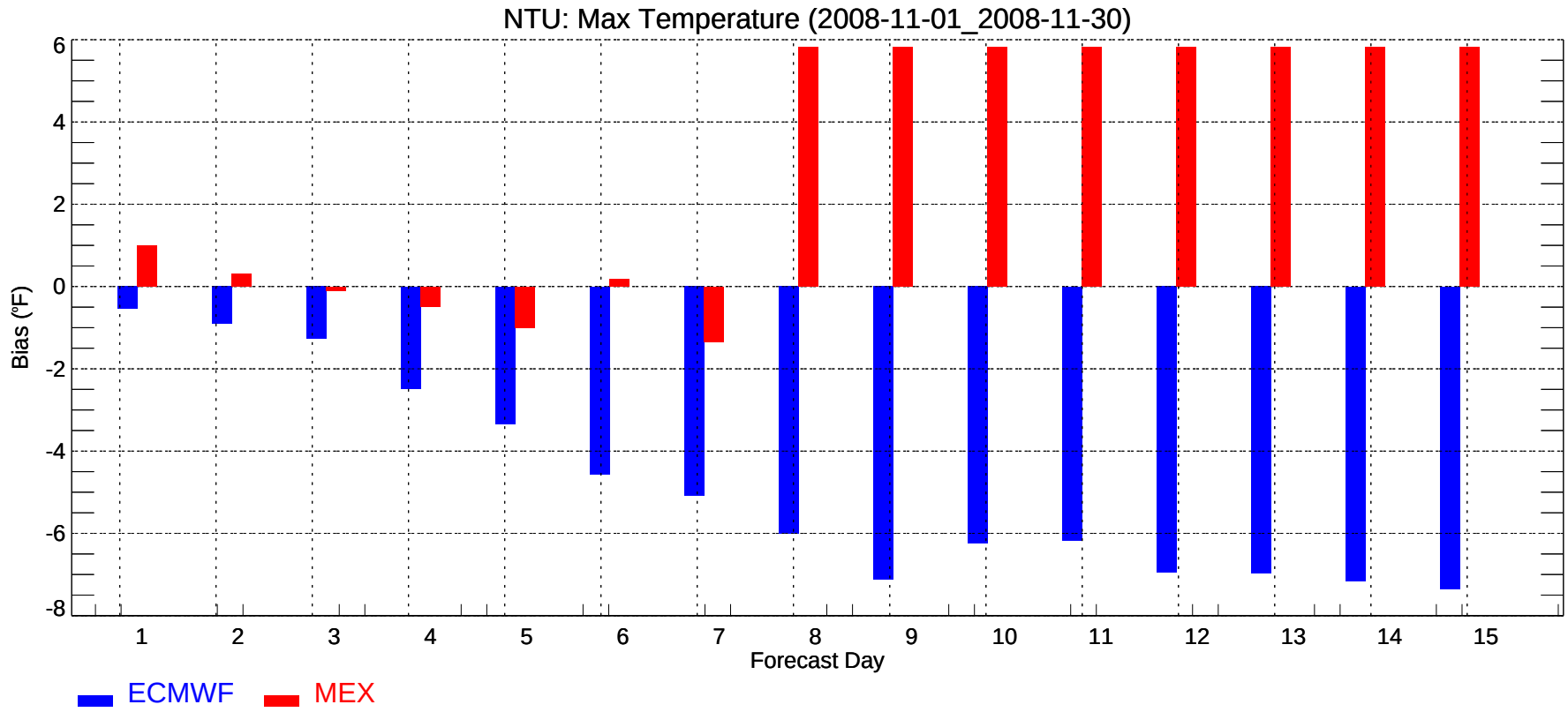
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


NTU: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
6
4
2
0
-2
-4
-6
-8
1
2
3
4
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6
7
8
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12
13
14
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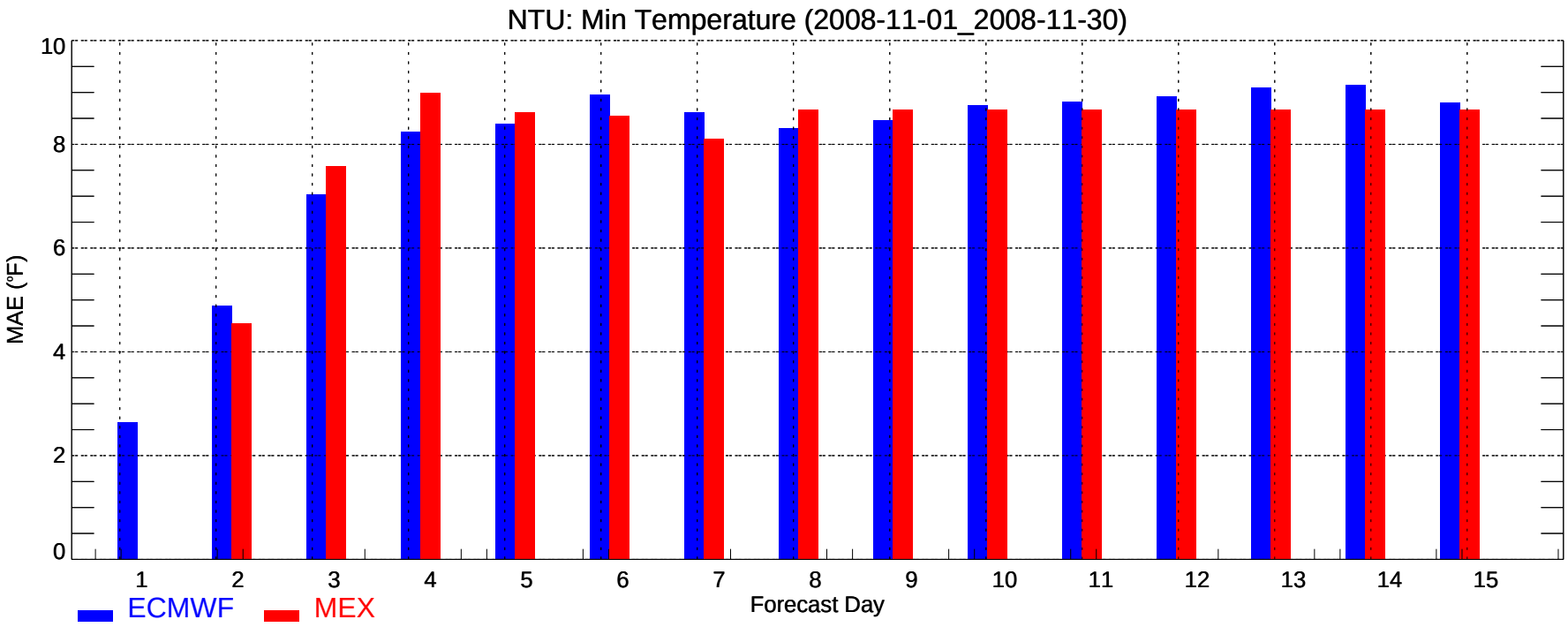
Forecast Day
ECMWF
MEX


NTU: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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12
13
14
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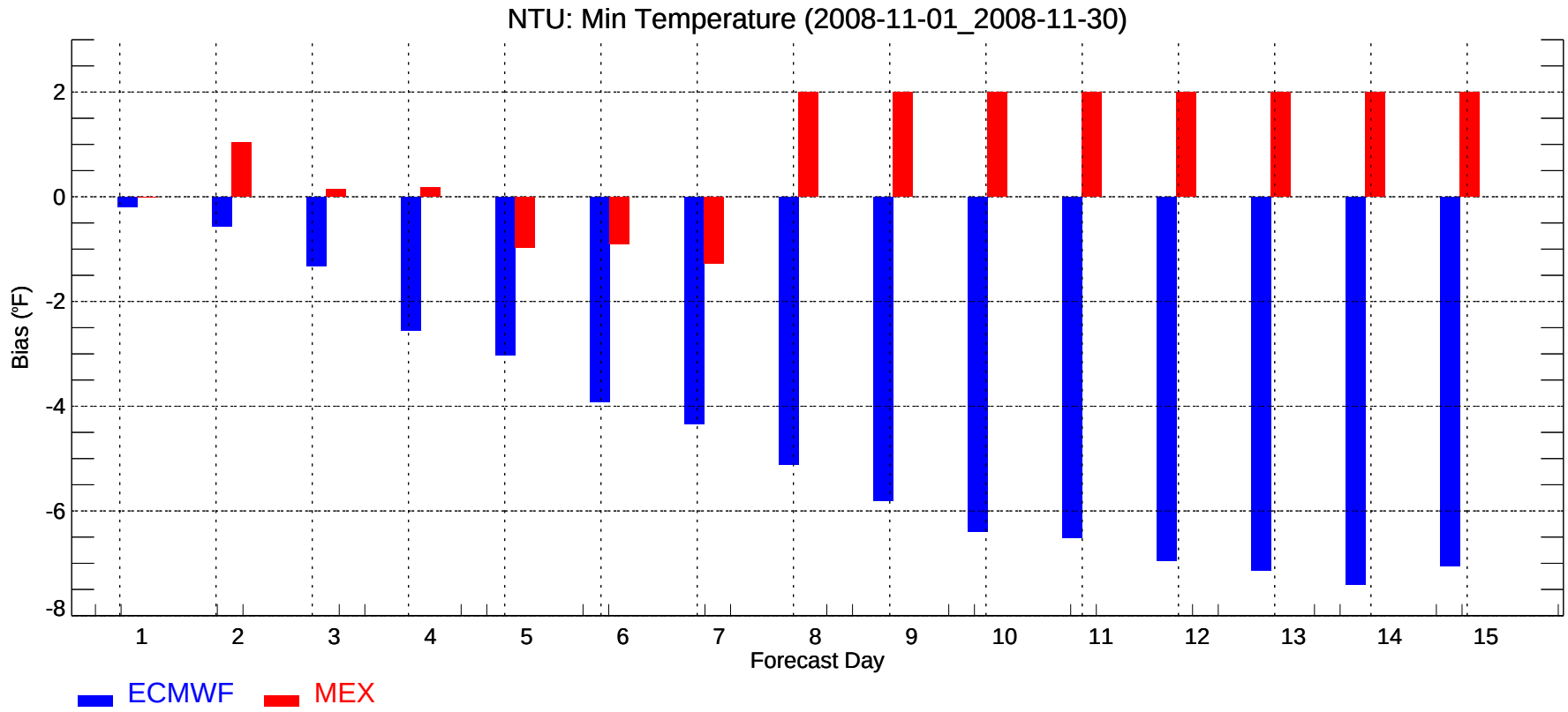
Forecast Day
ECMWF
MEX


NTU: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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6
7
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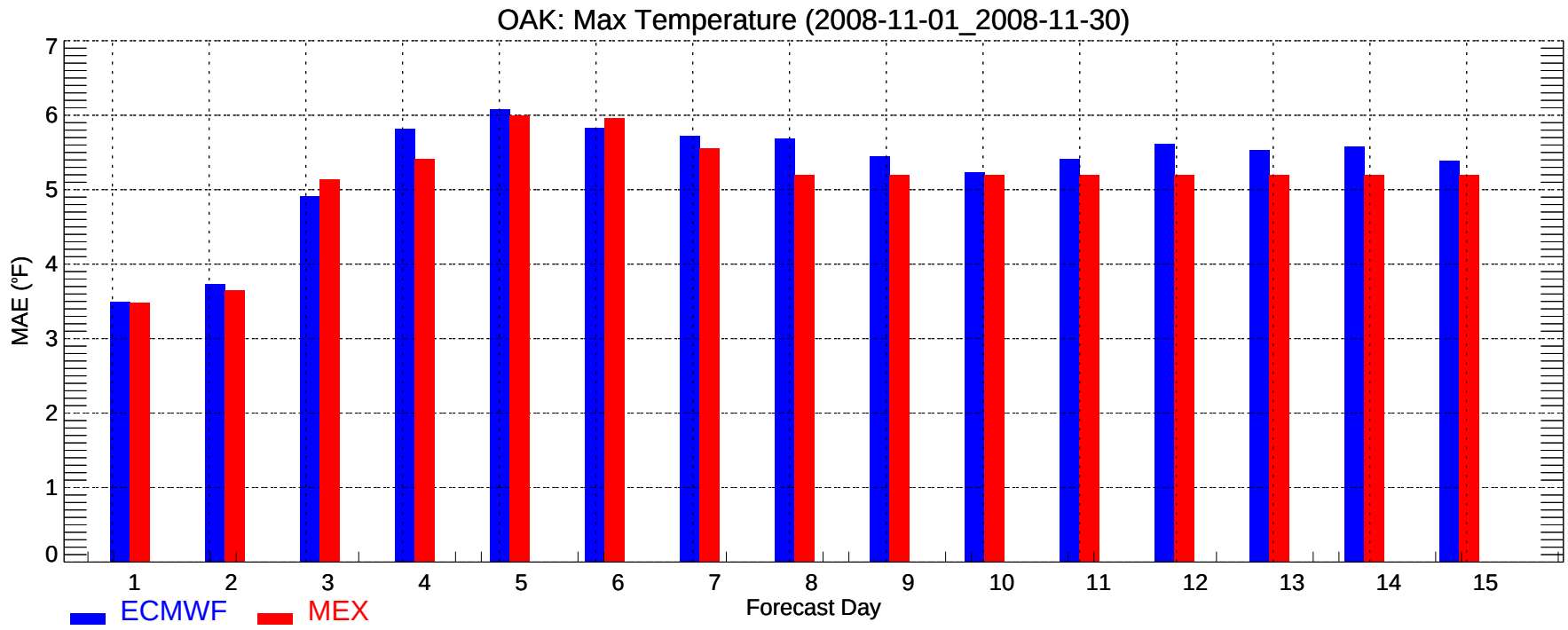
13
14
15
Forecast Day
ECMWF
MEX


OAK: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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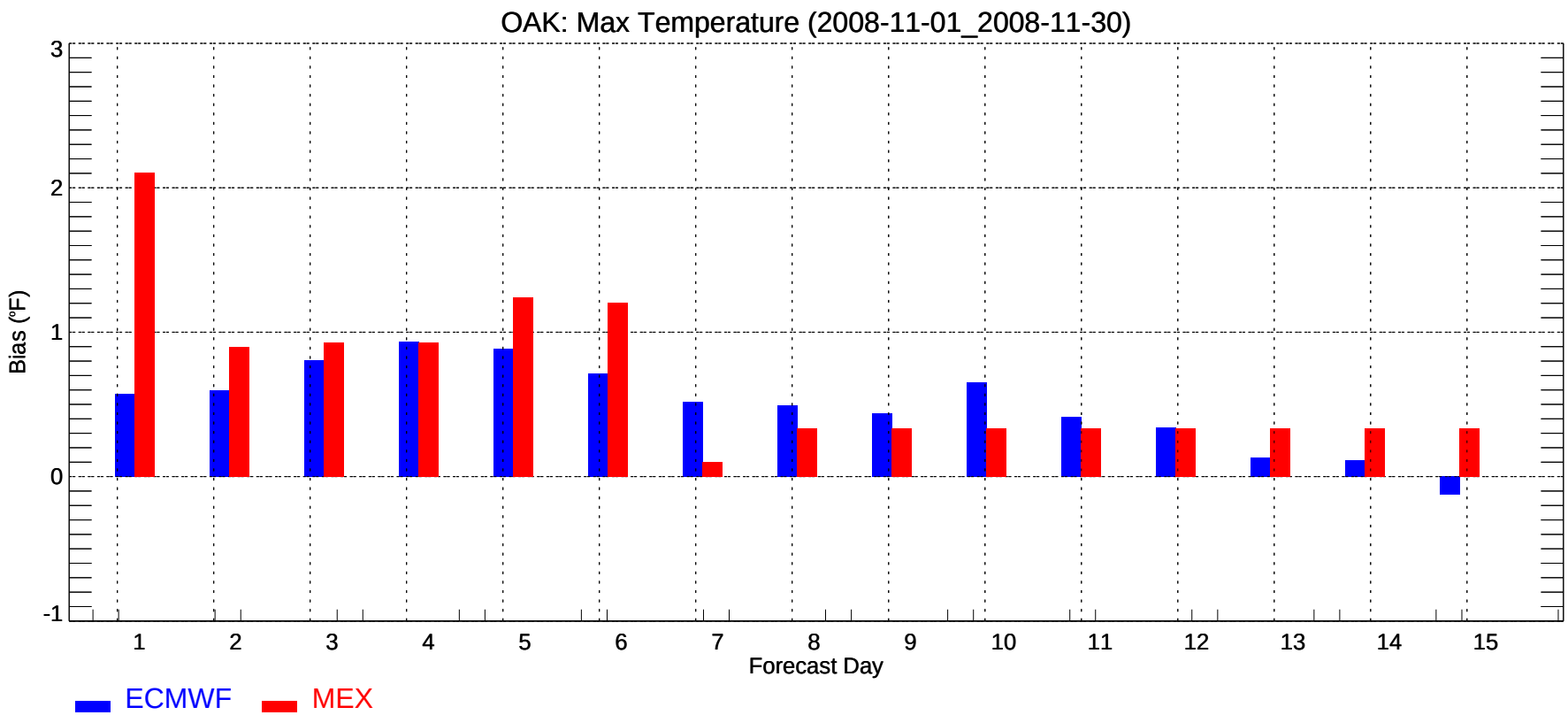
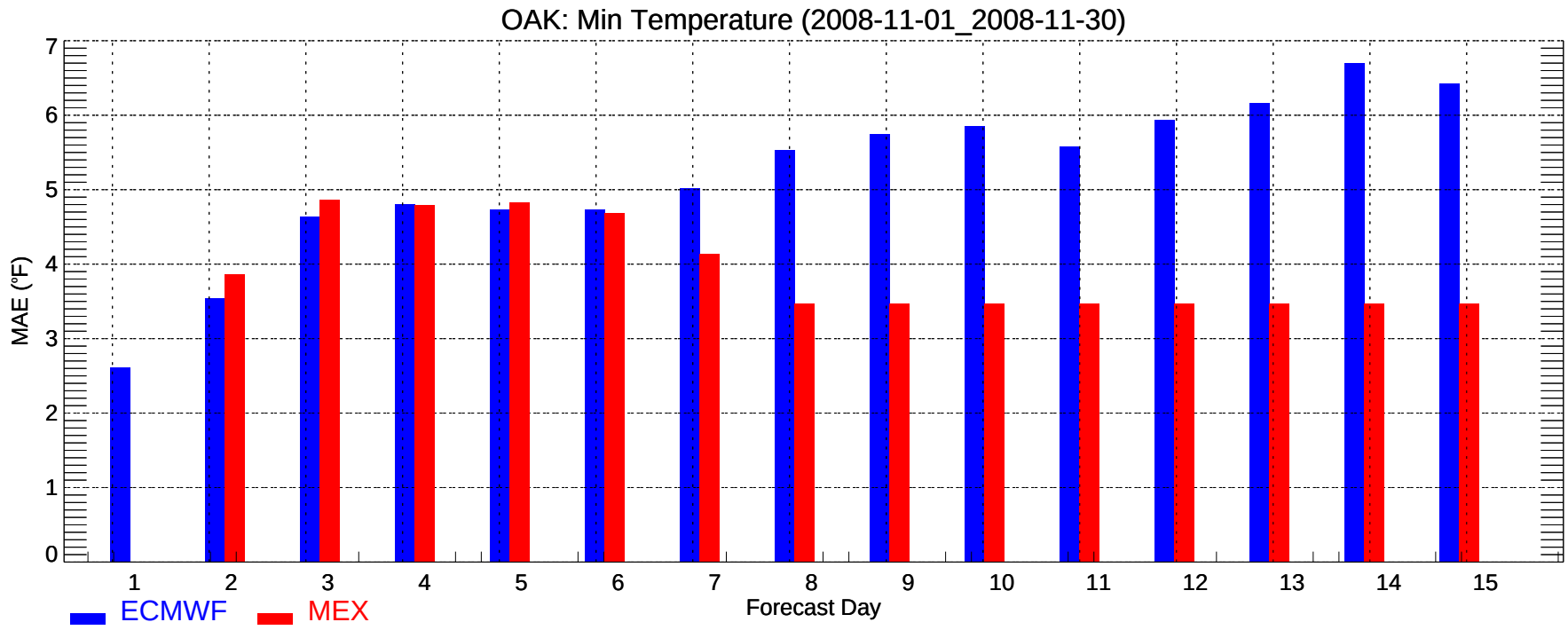
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


OAK: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
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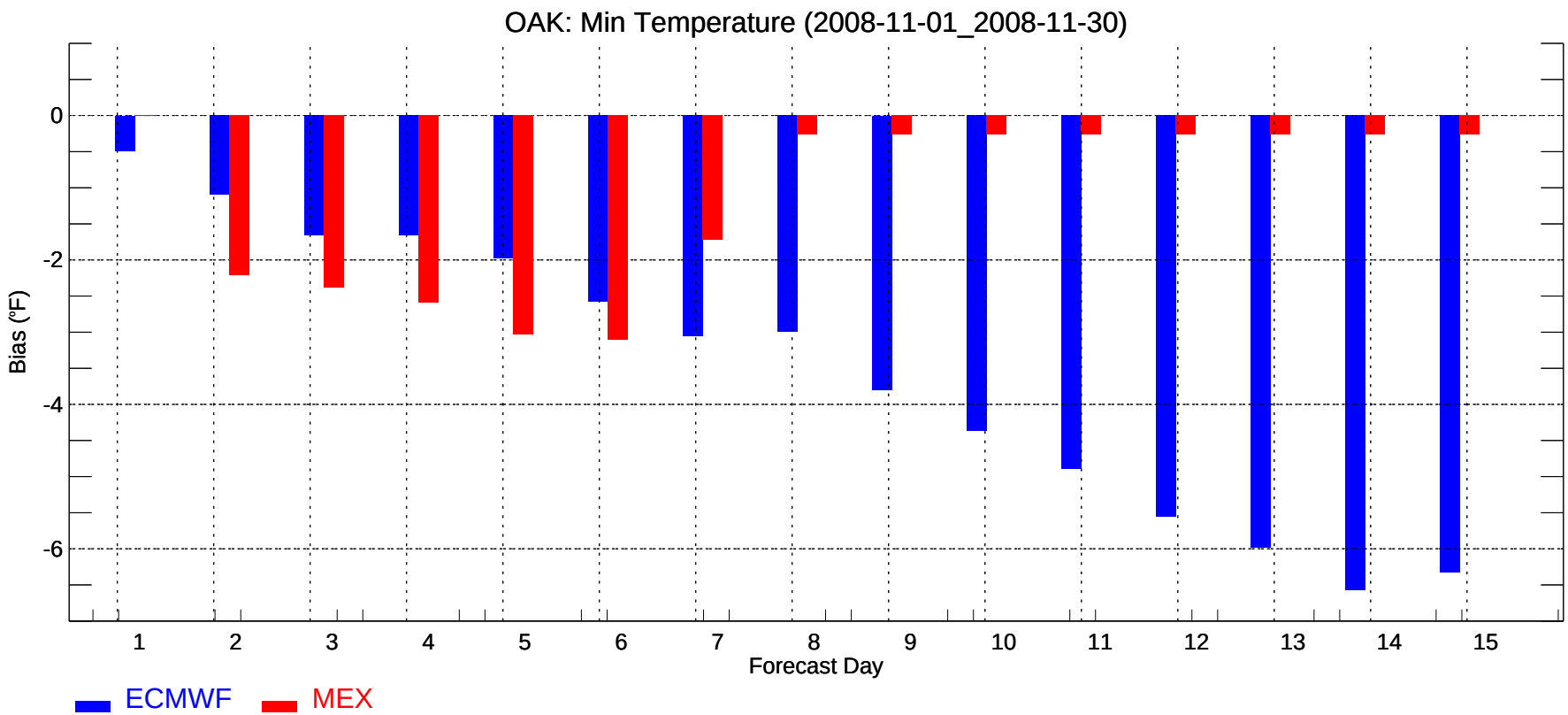
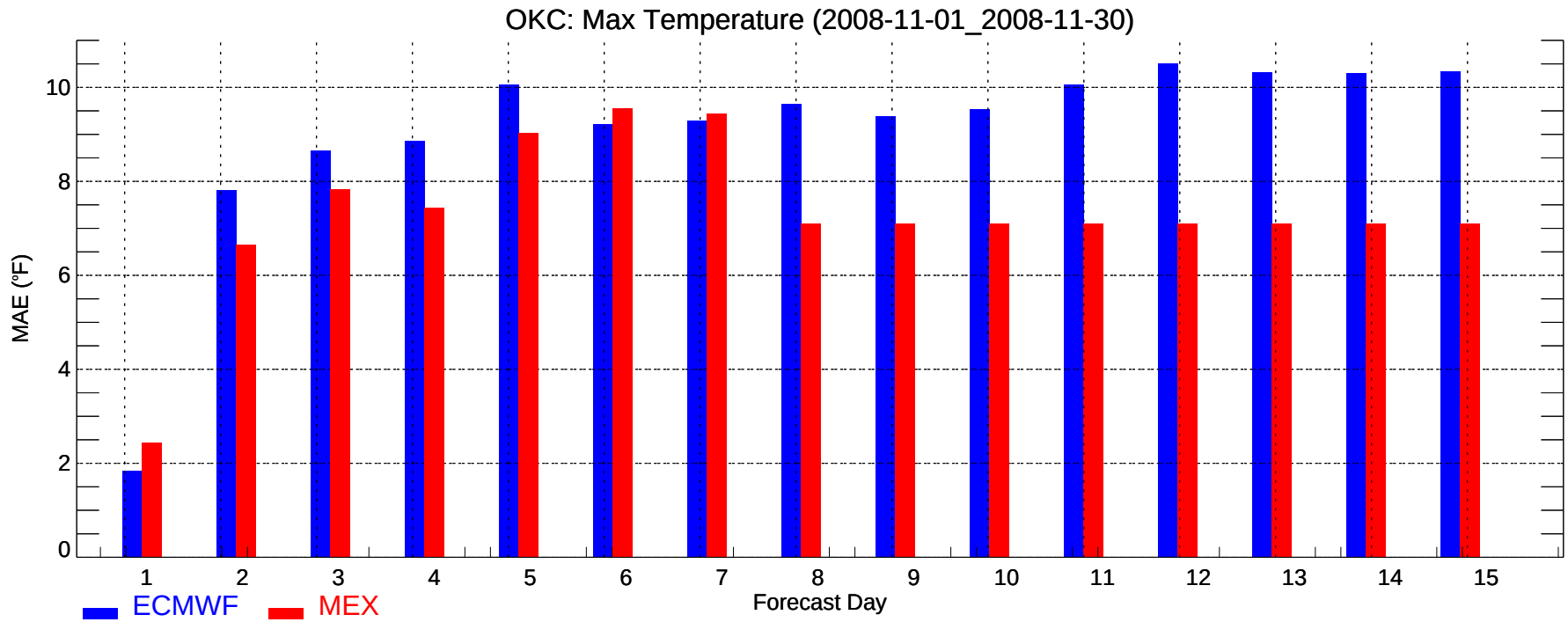
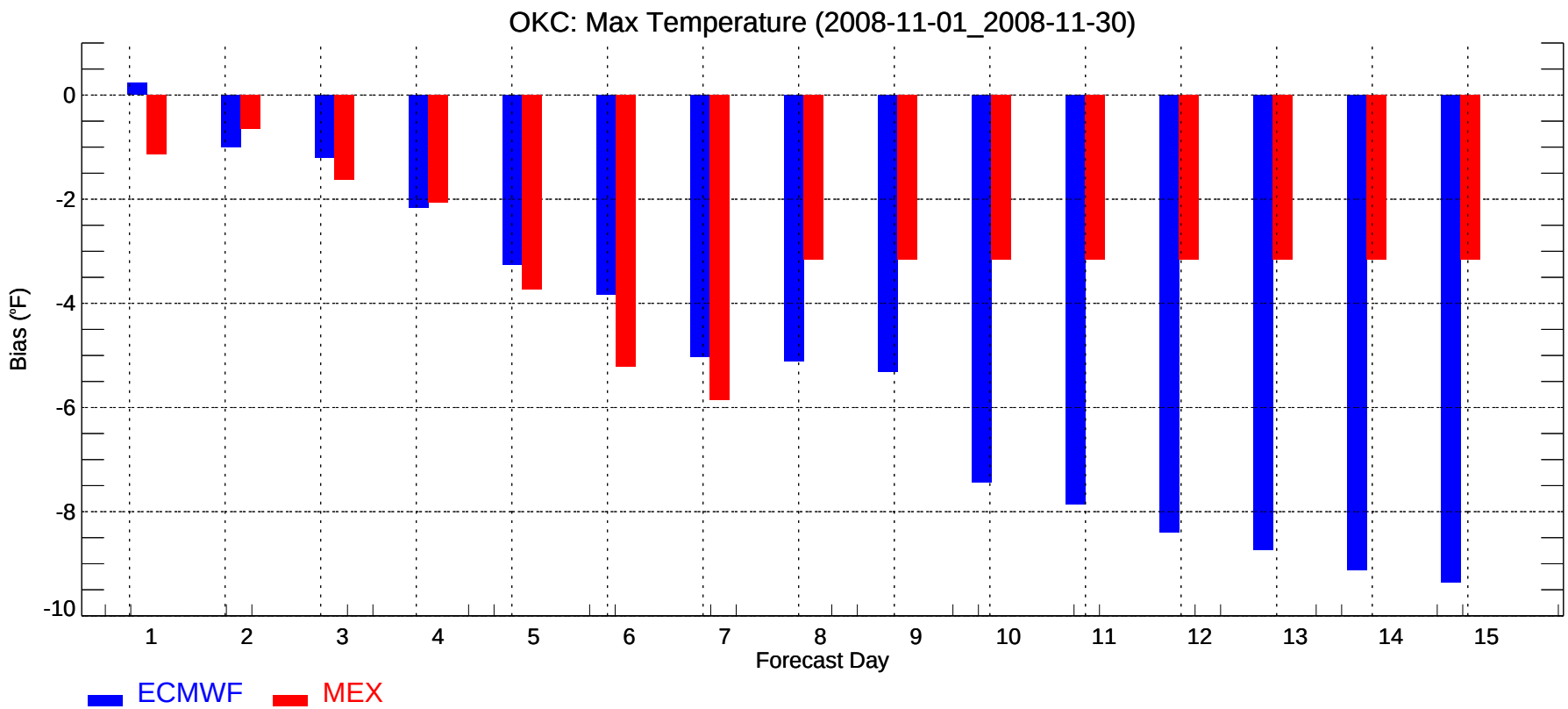
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


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


OKC: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
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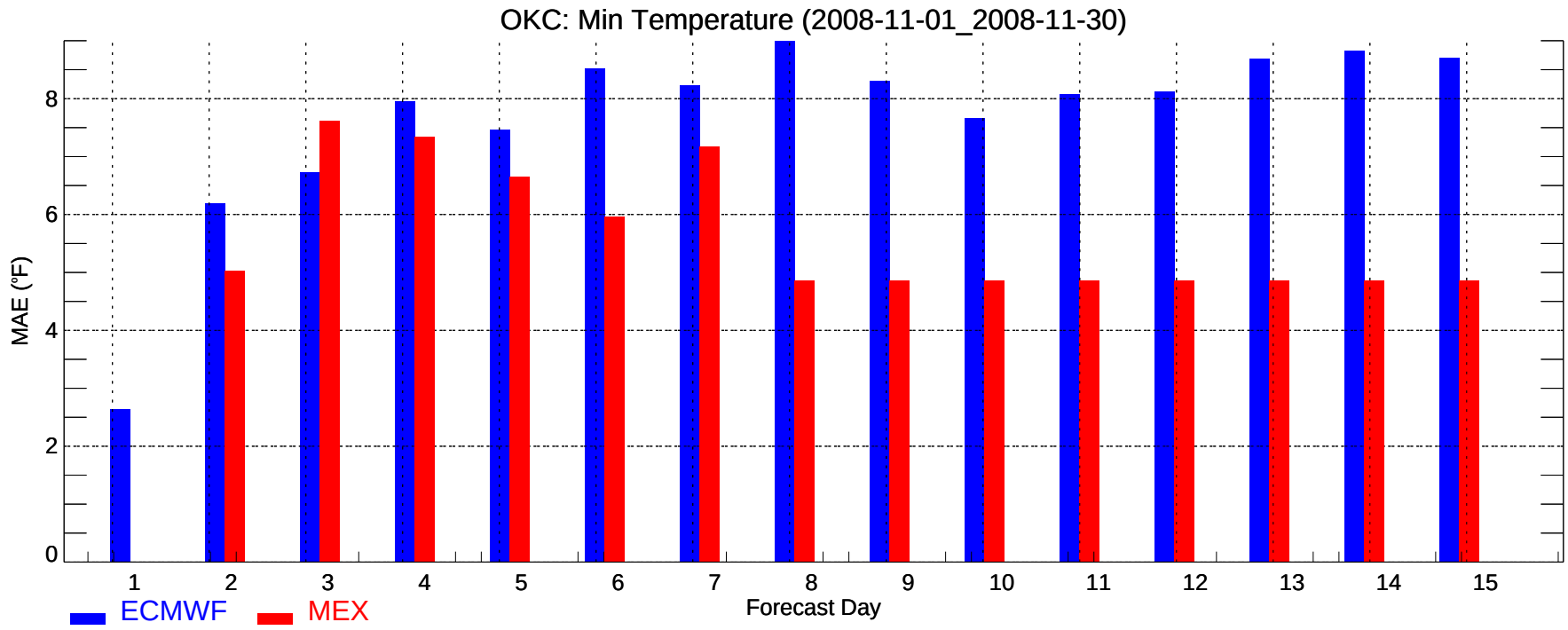
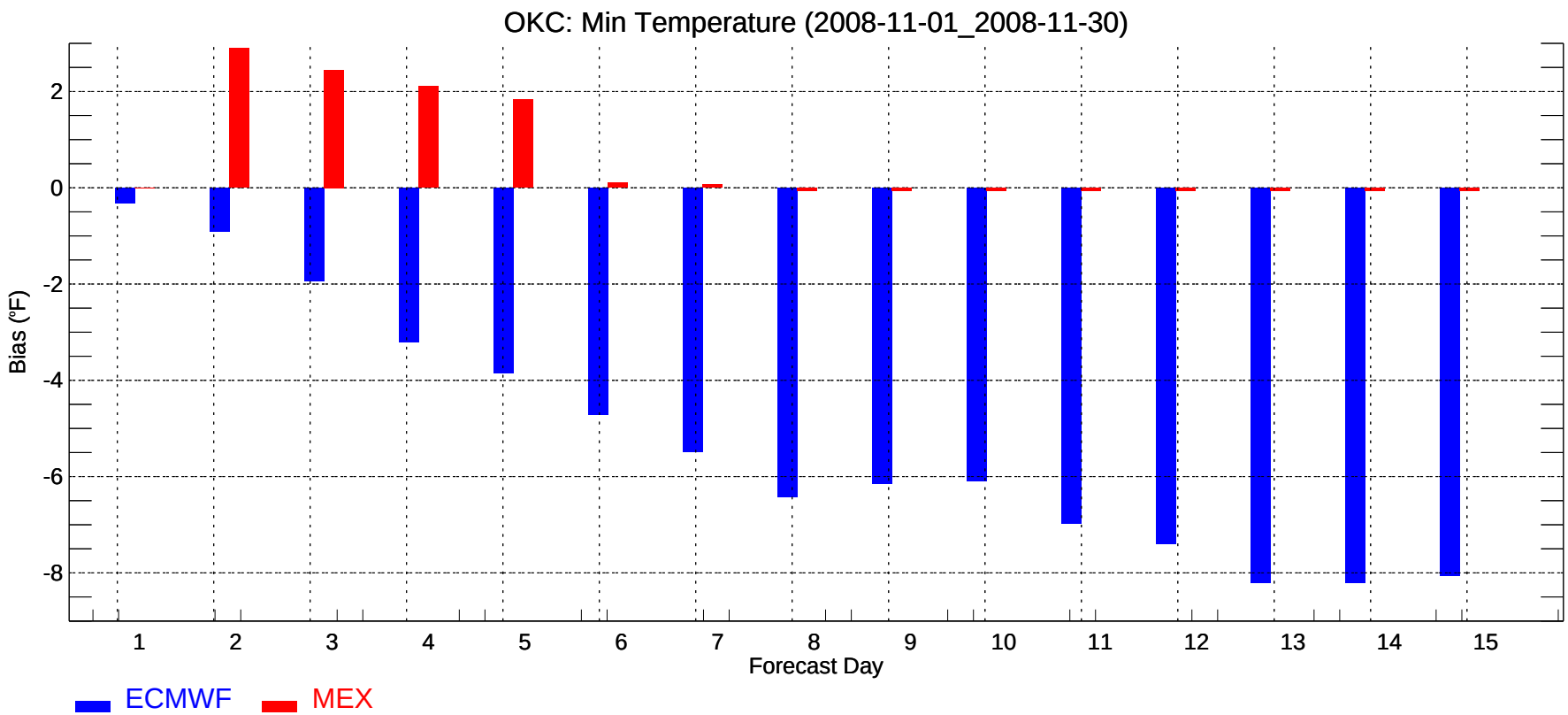
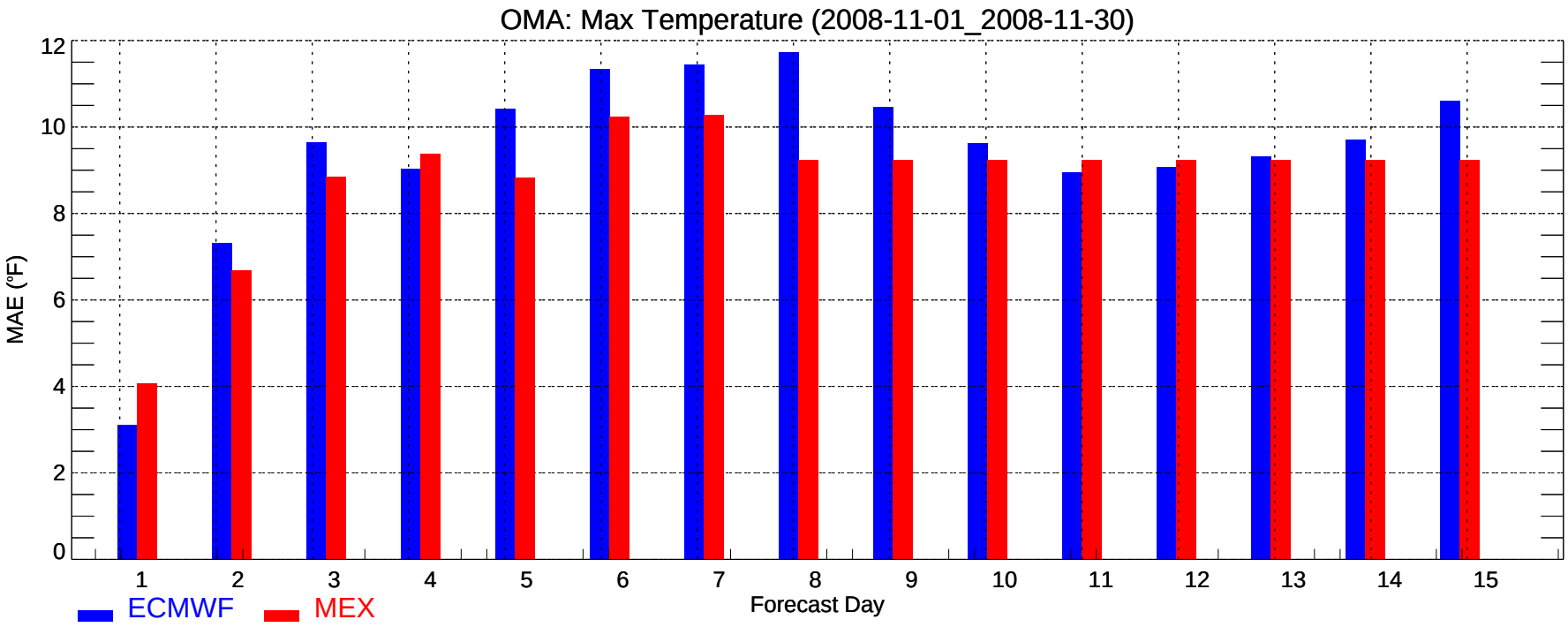
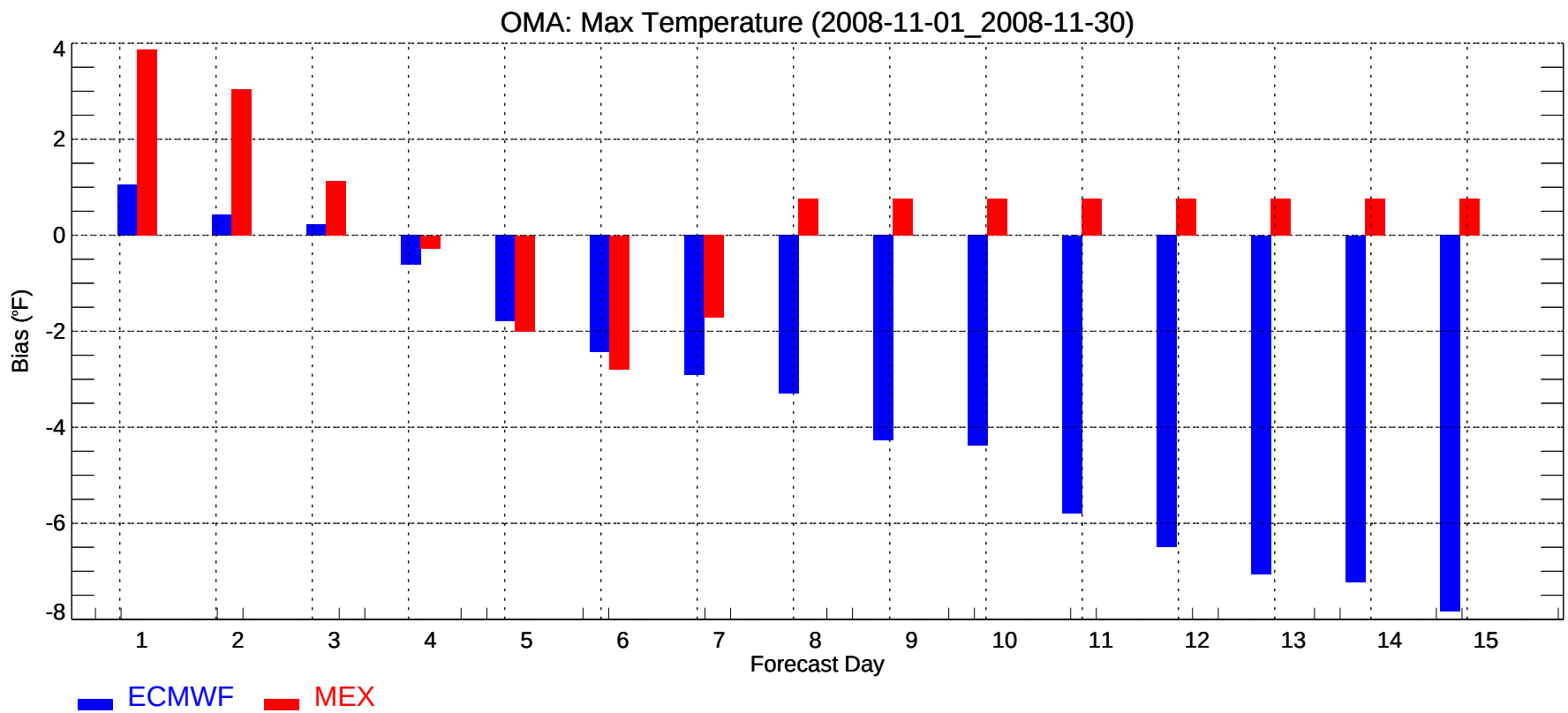
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


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


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


OMA: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
3
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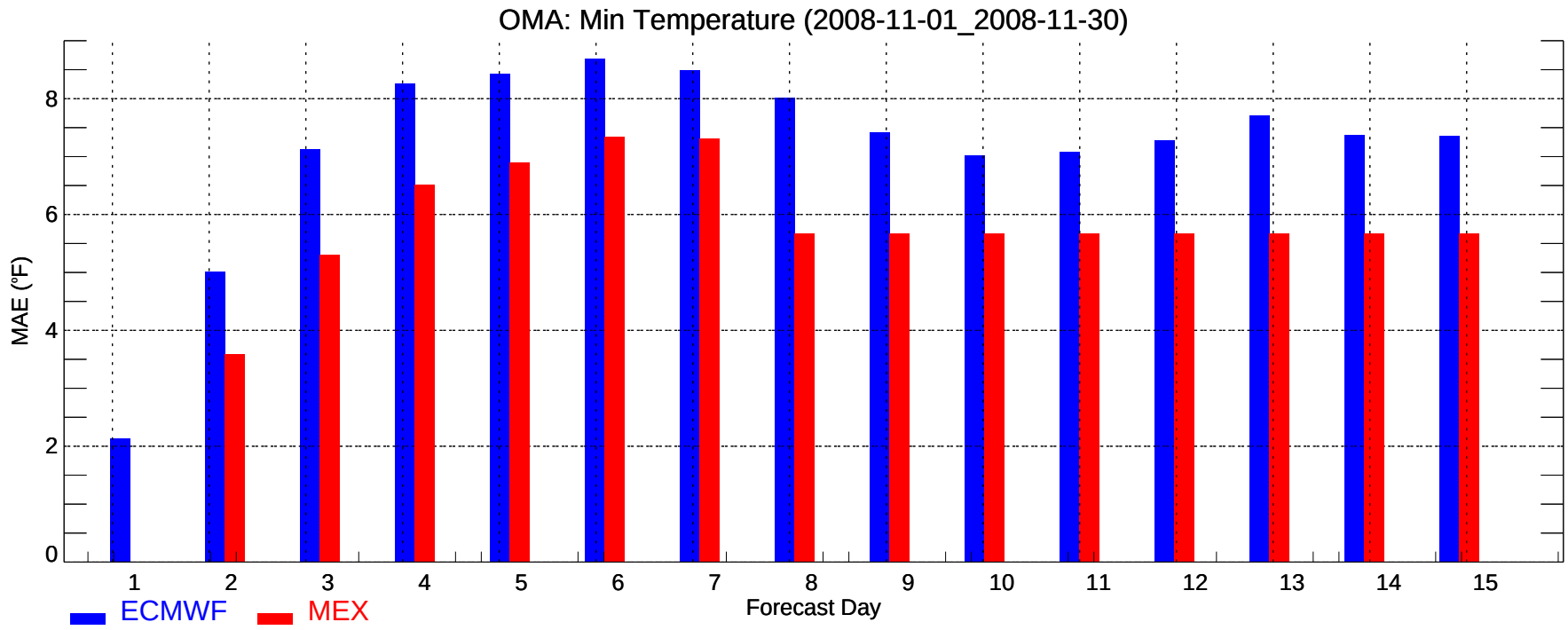
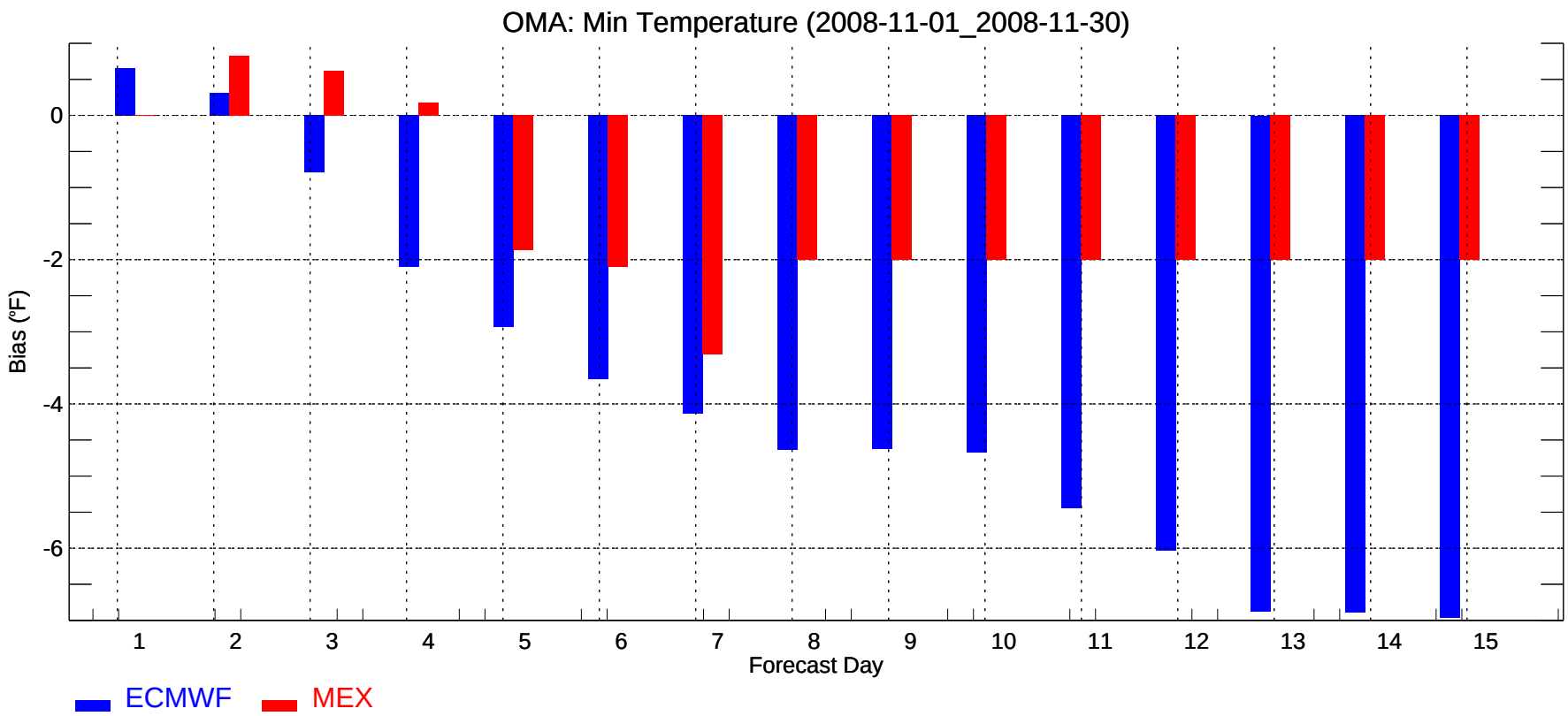
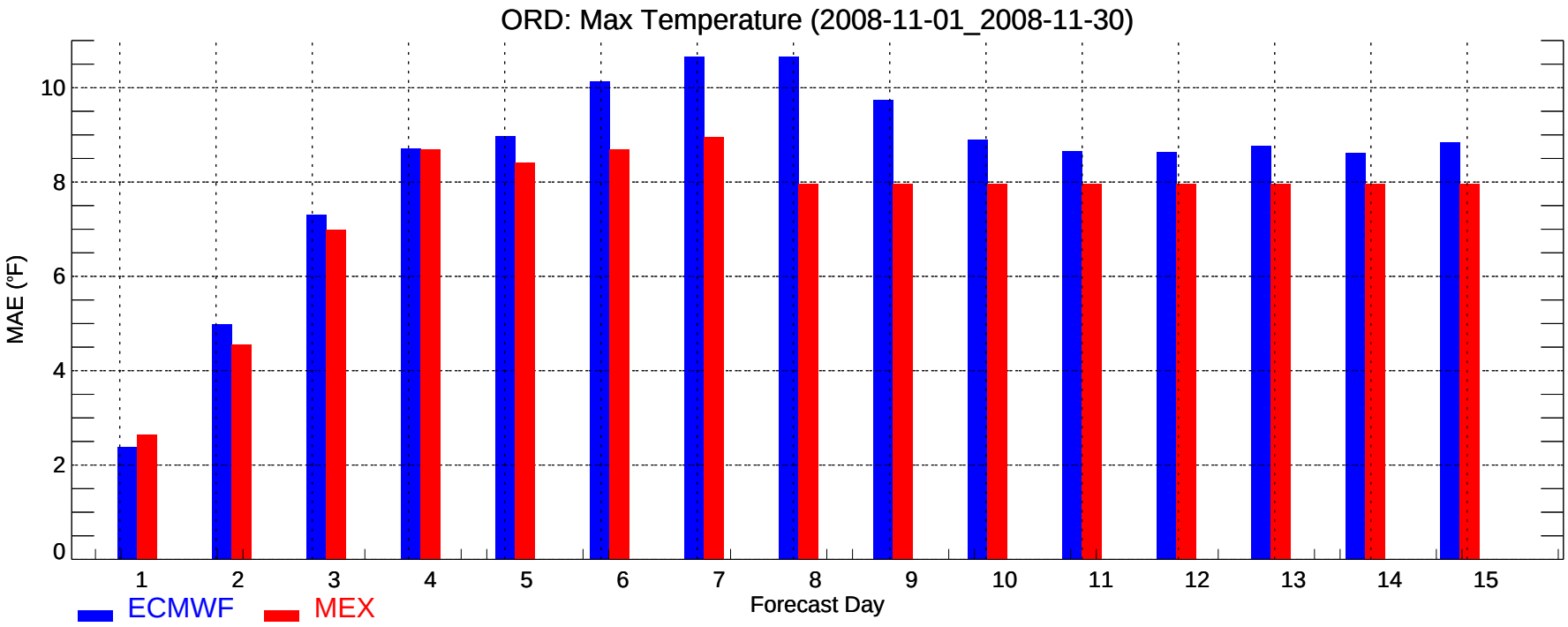
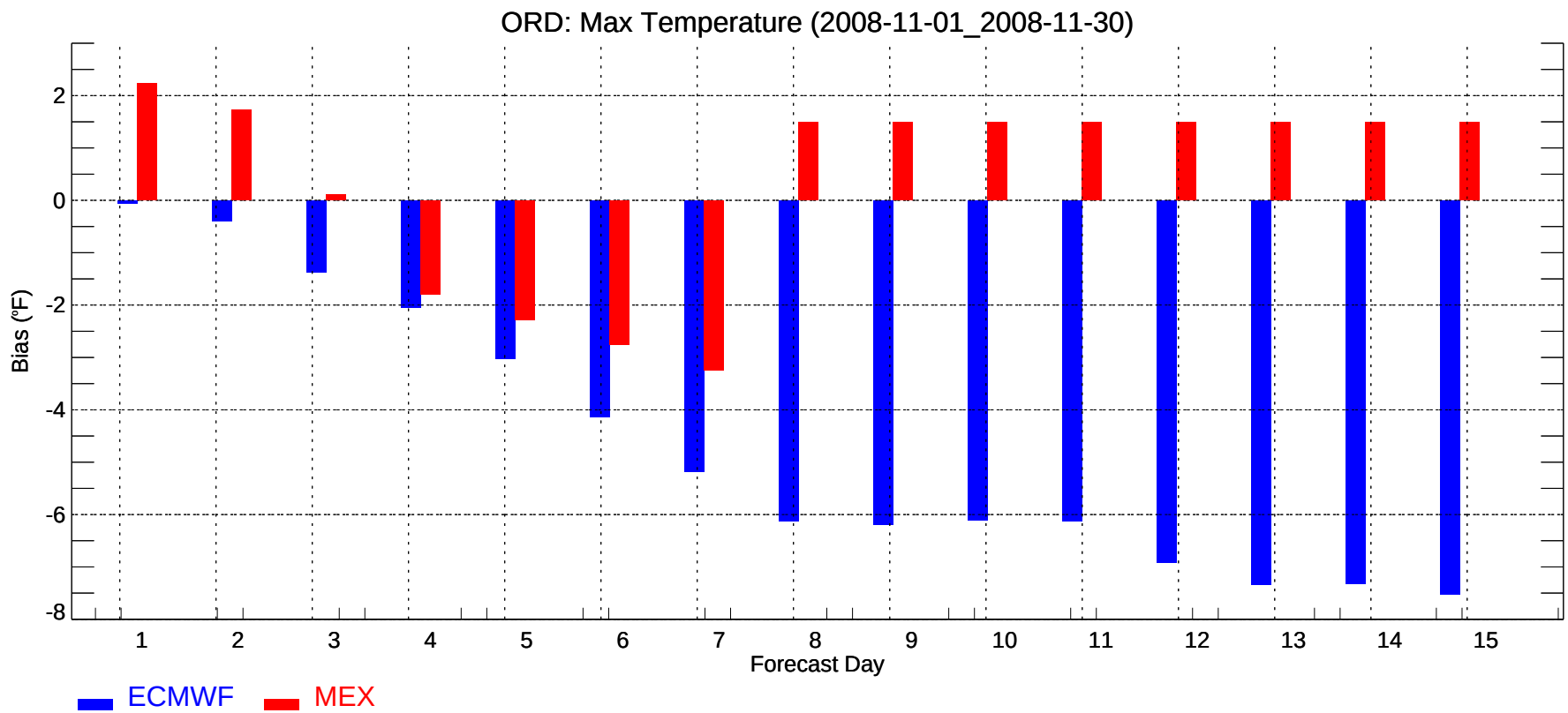
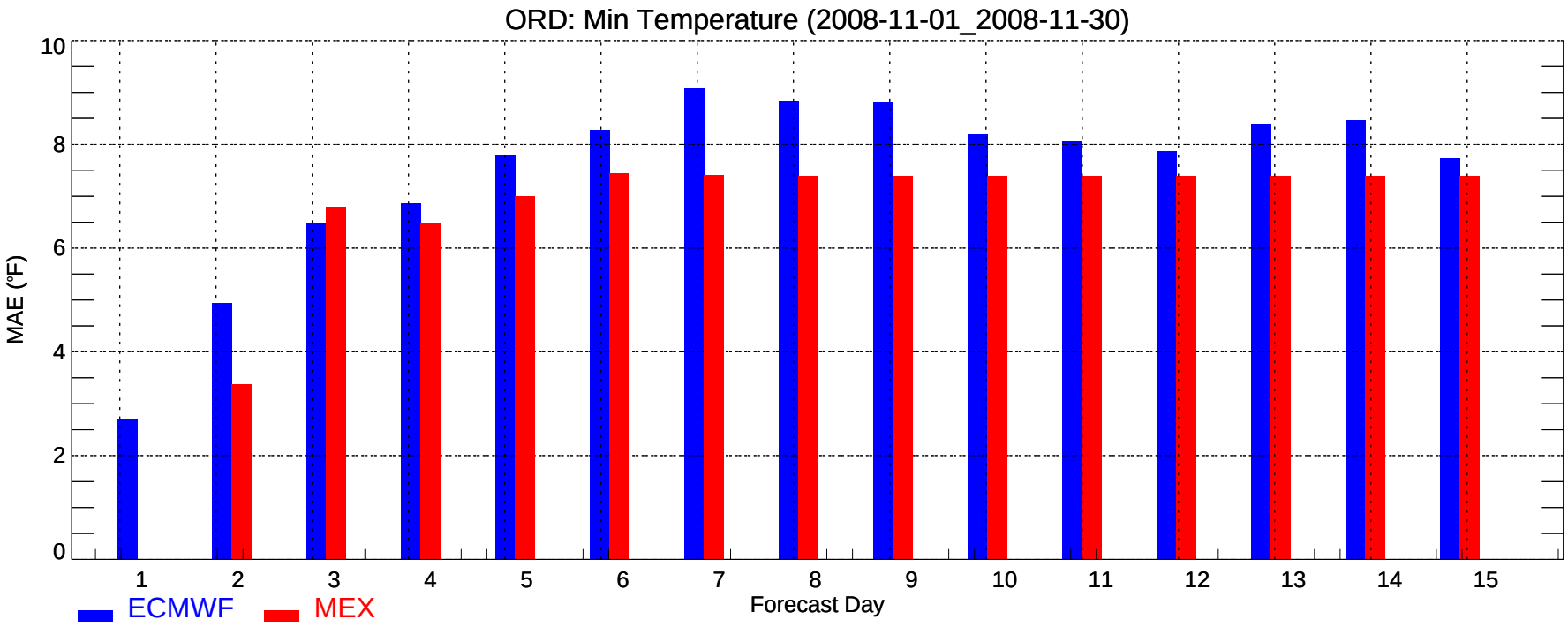
12
13
14
15
Forecast Day
ECMWF
MEX

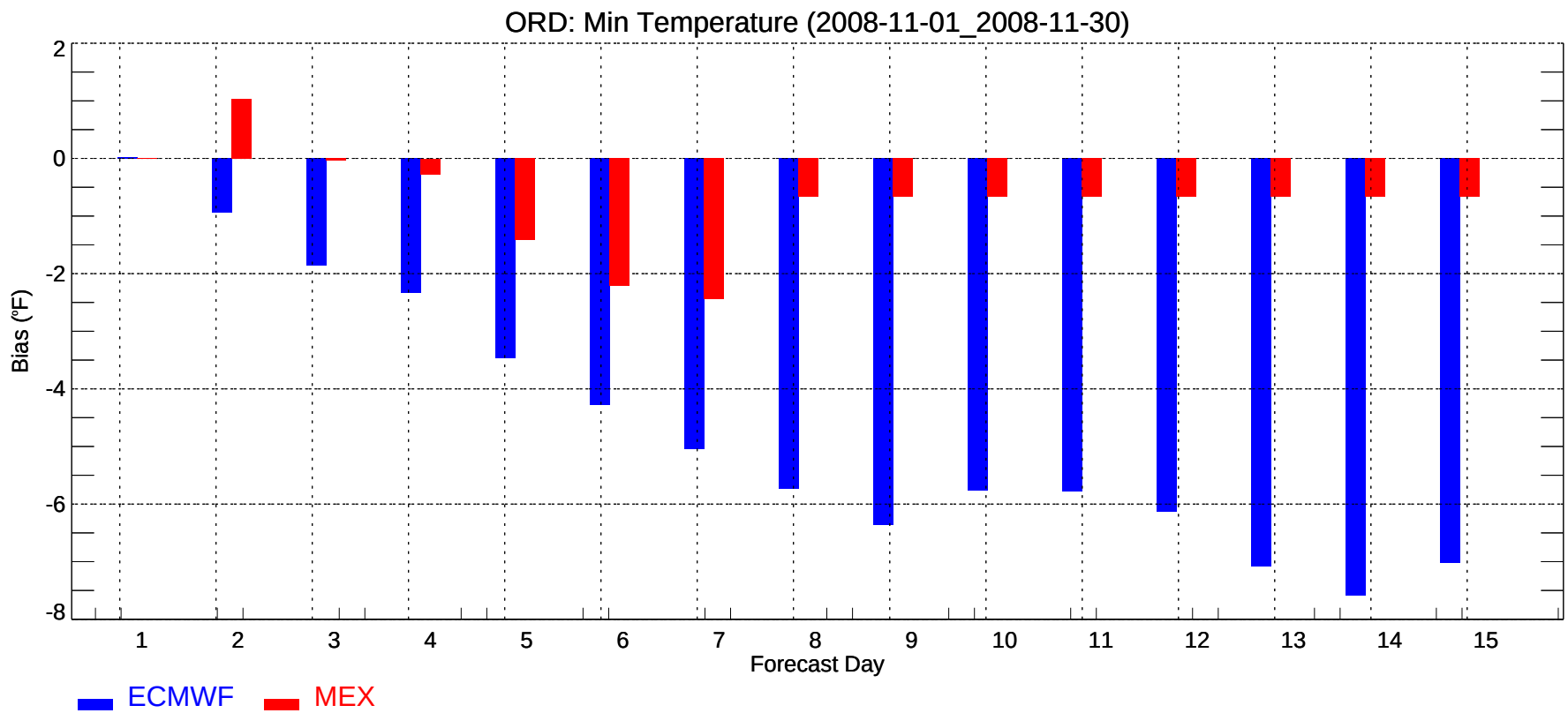

OMA: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


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


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


ORD: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
10
8
6
4
2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORD: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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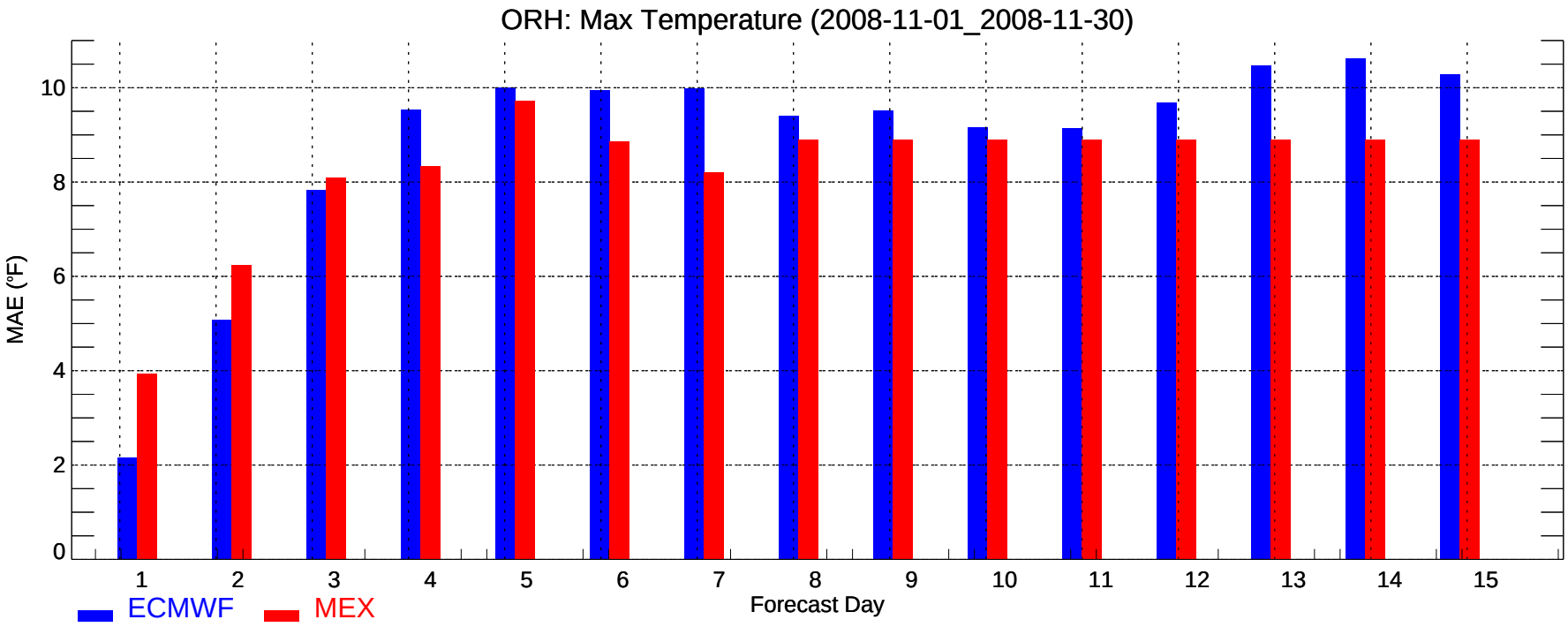
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


ORH: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
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5
6
7
8
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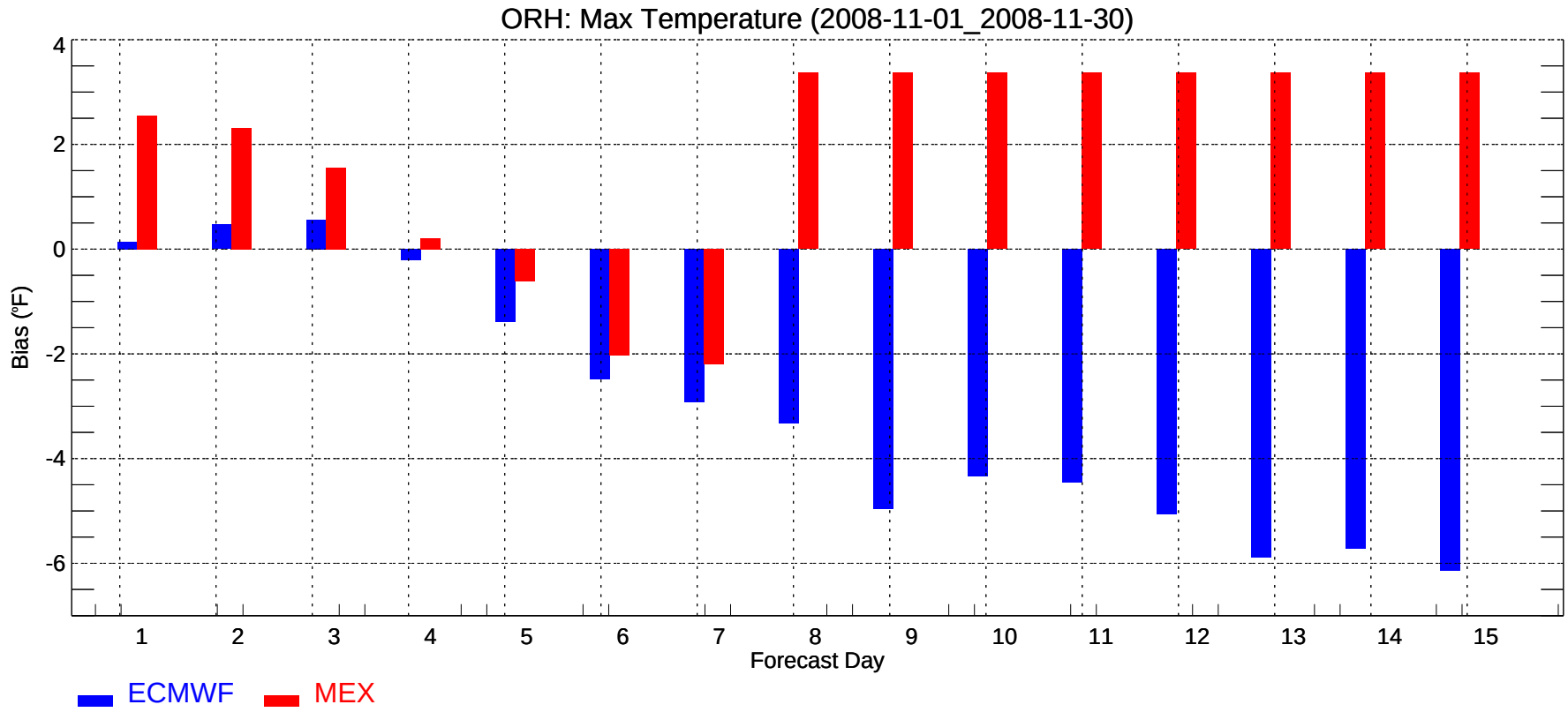
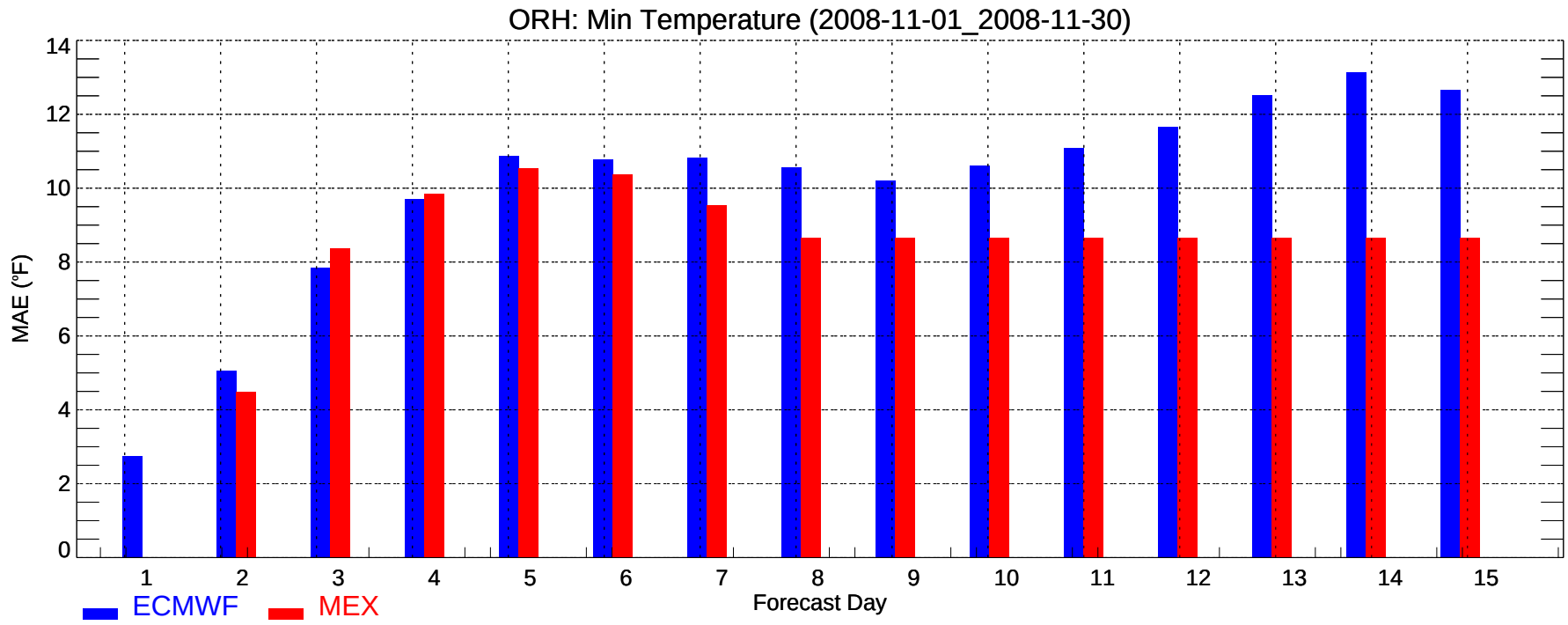
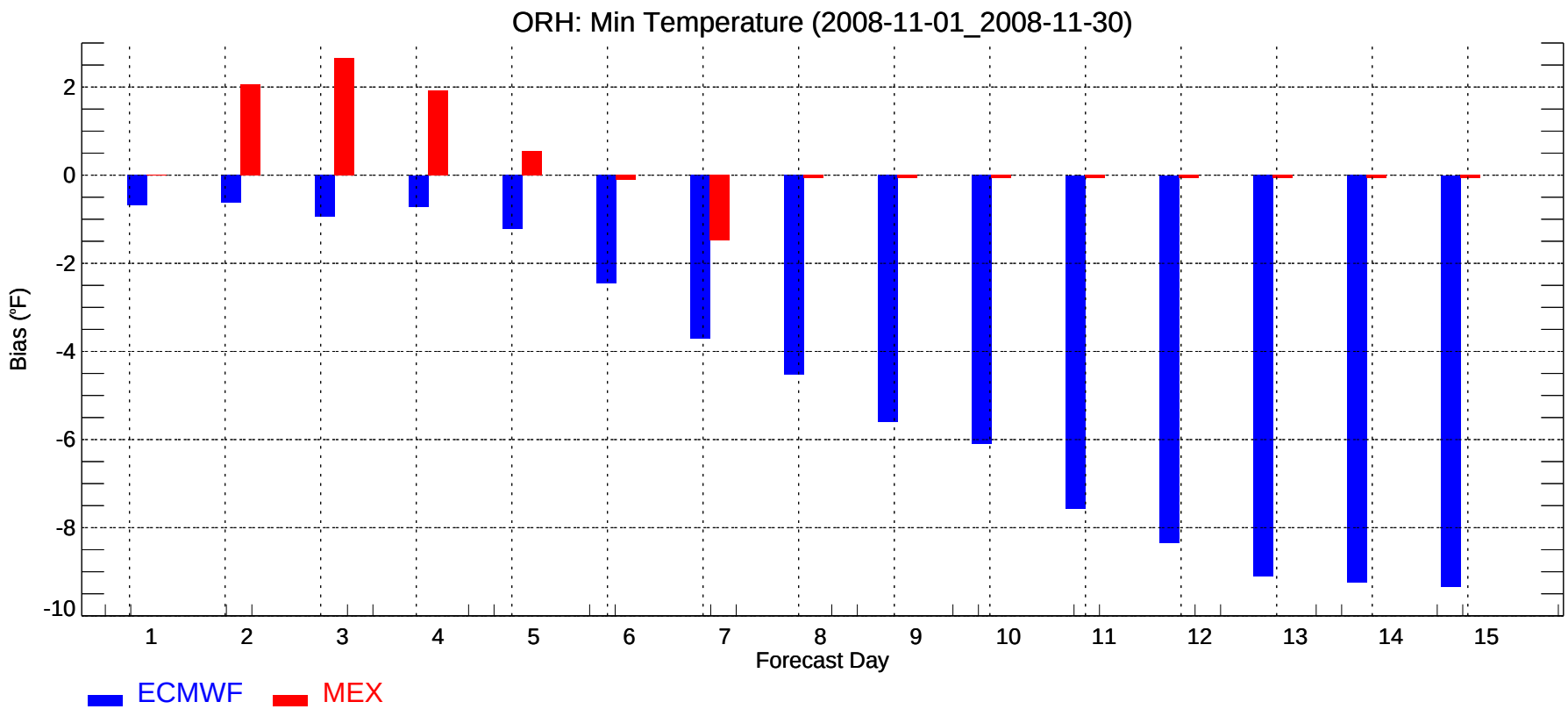
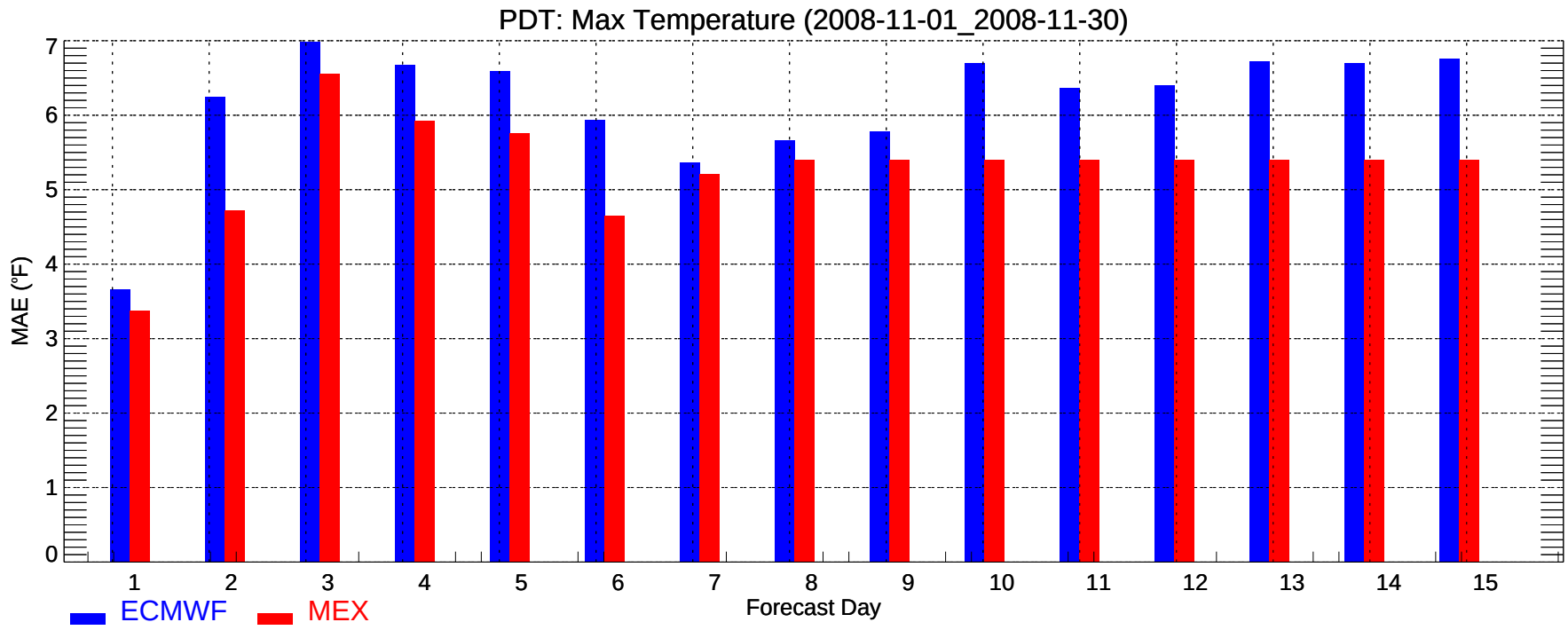
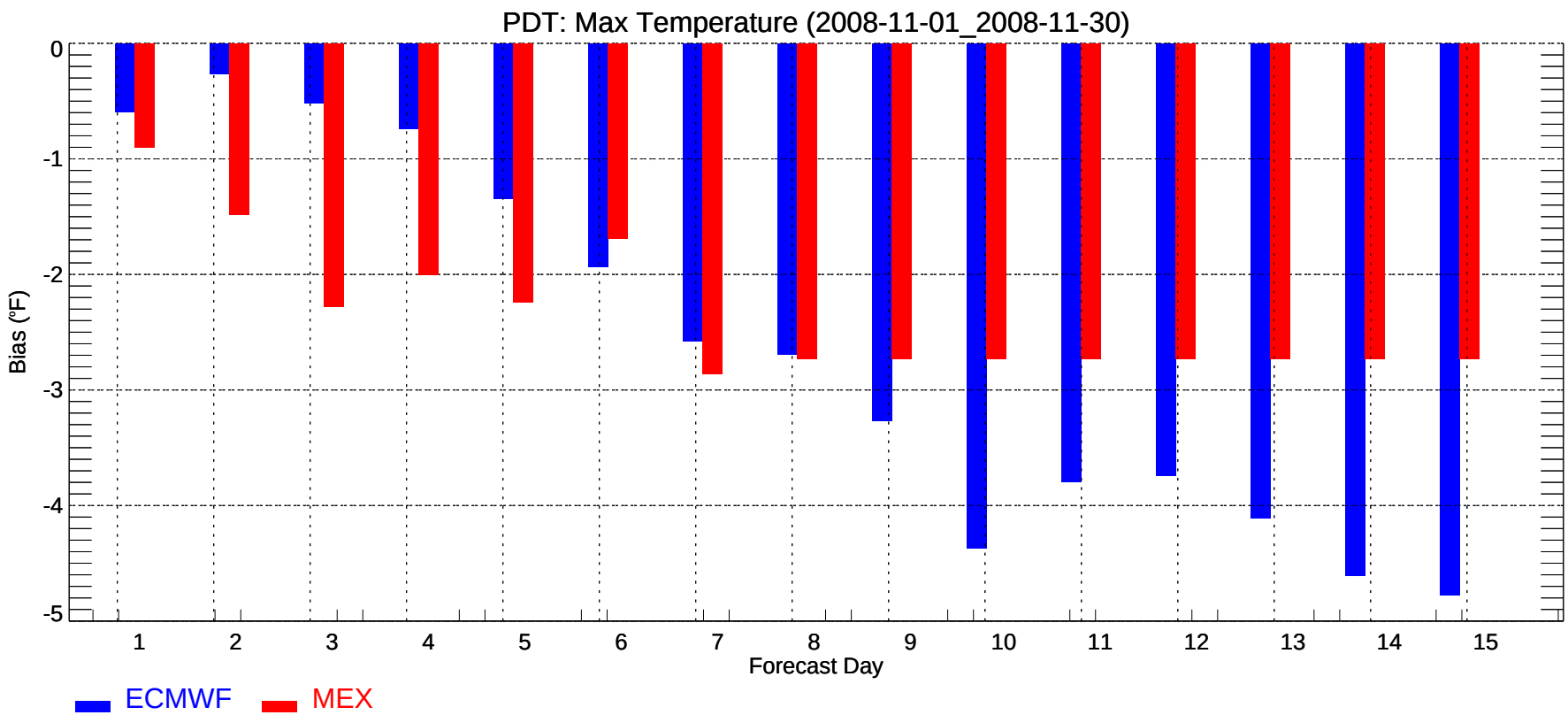
10
11
12
13
14
15
Forecast Day
ECMWF
MEX

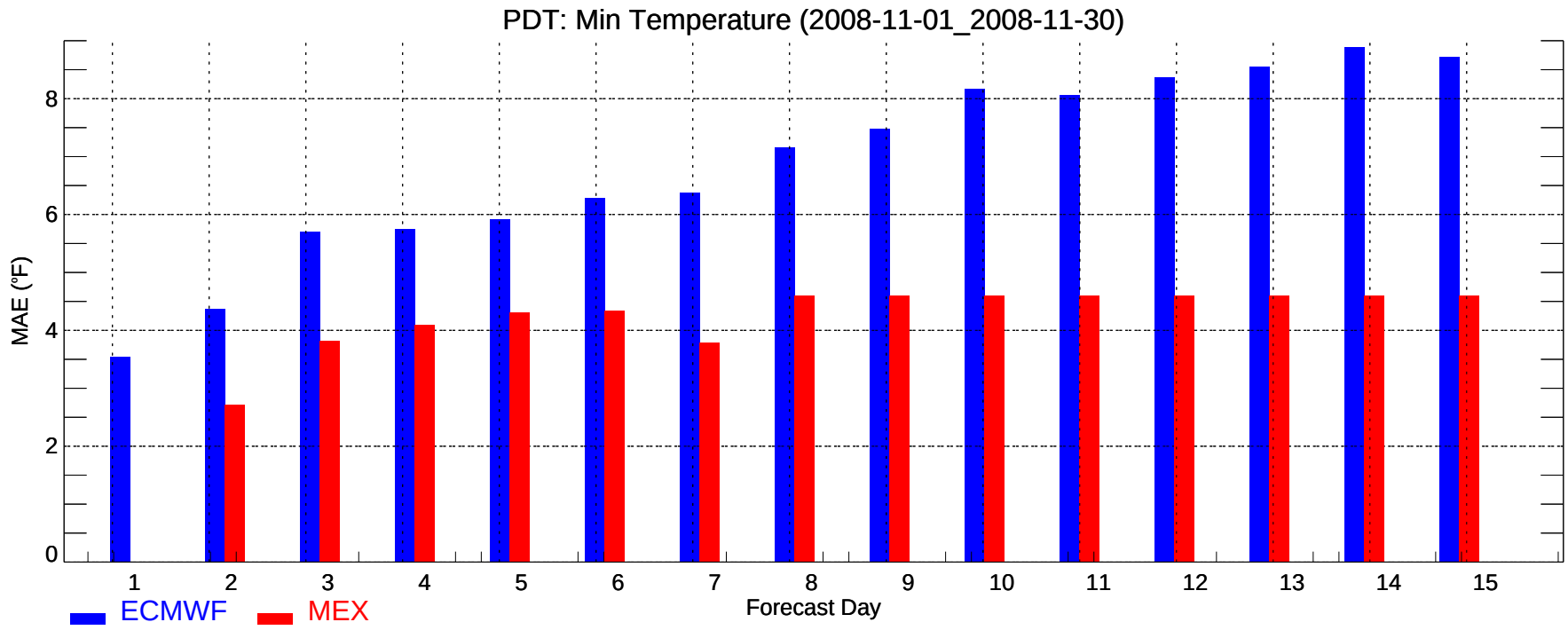

ORH: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


ORH: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
-10
-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


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


PDT: Max Temperature (2008-11-01_2008-11-30)
Bias (°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


PDT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
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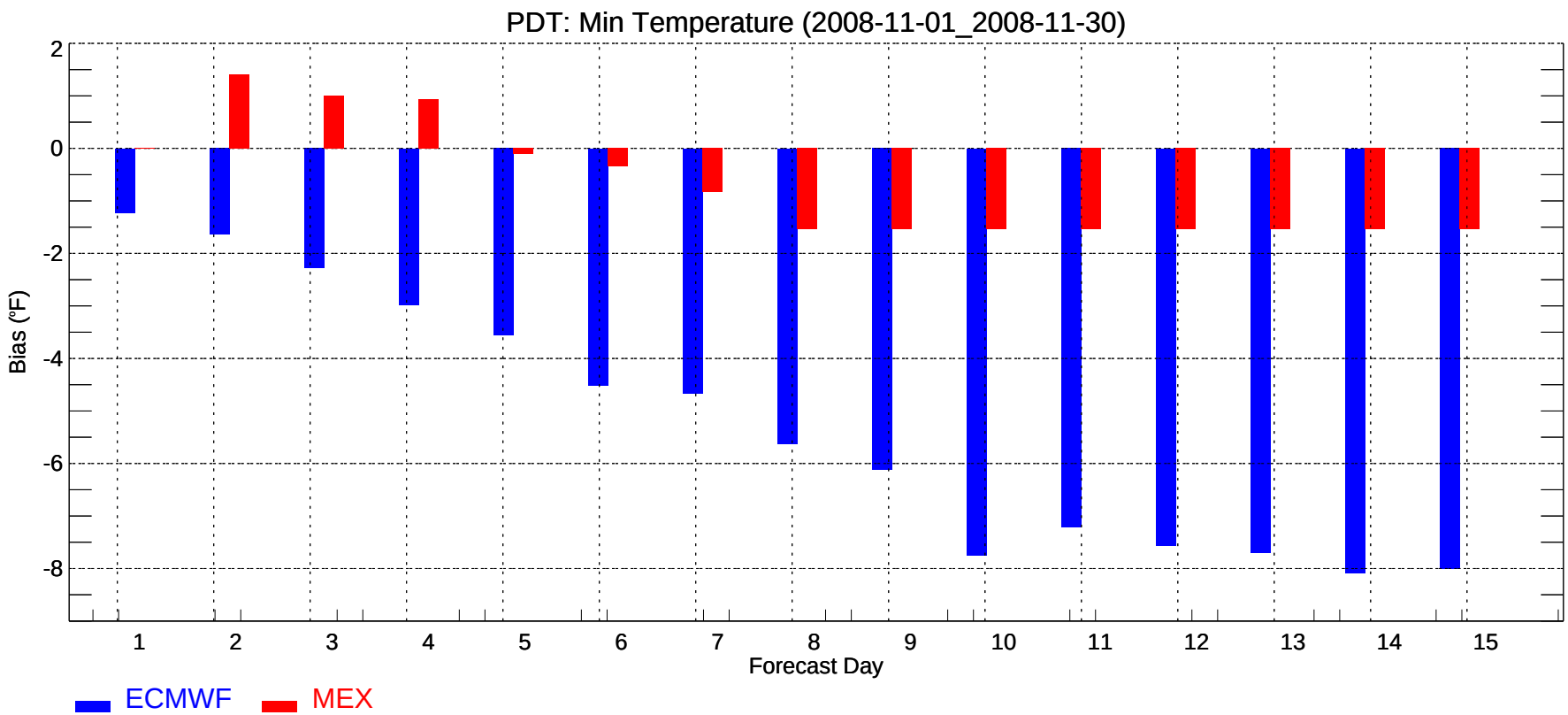
8
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PDT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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5
6
7
8
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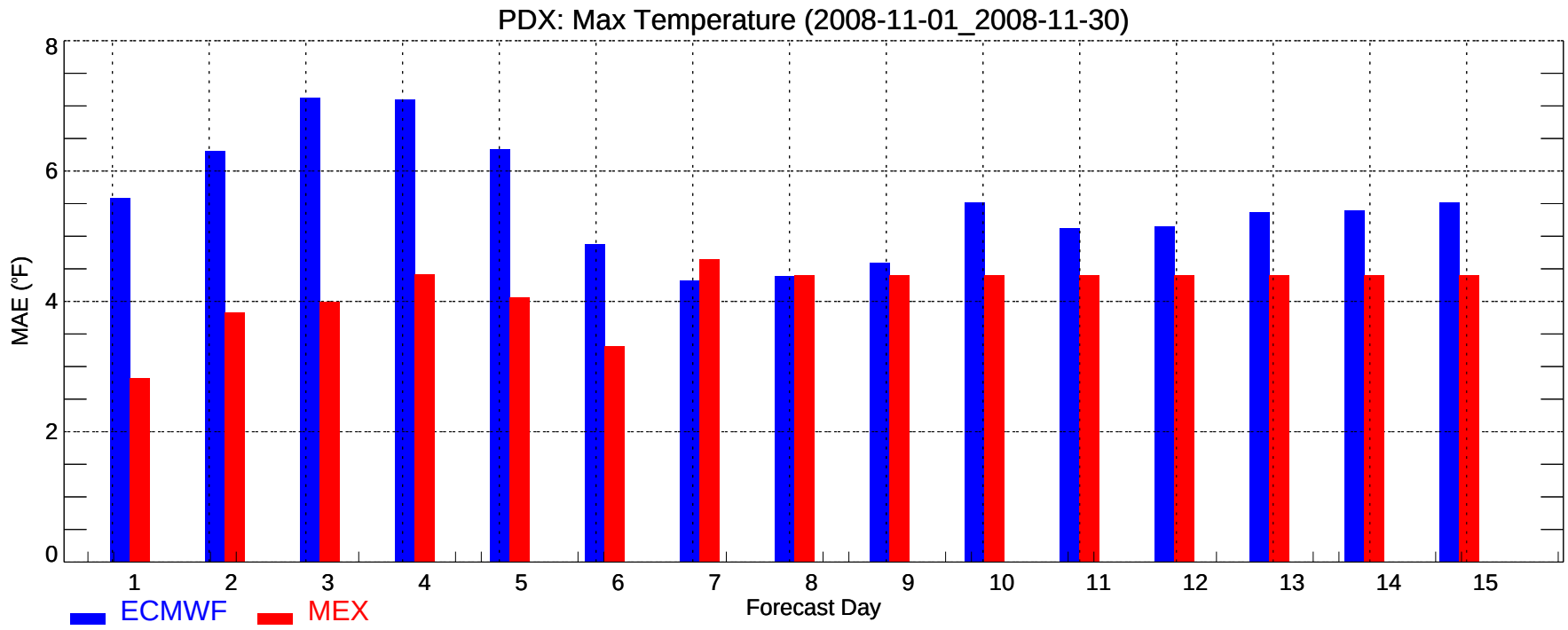
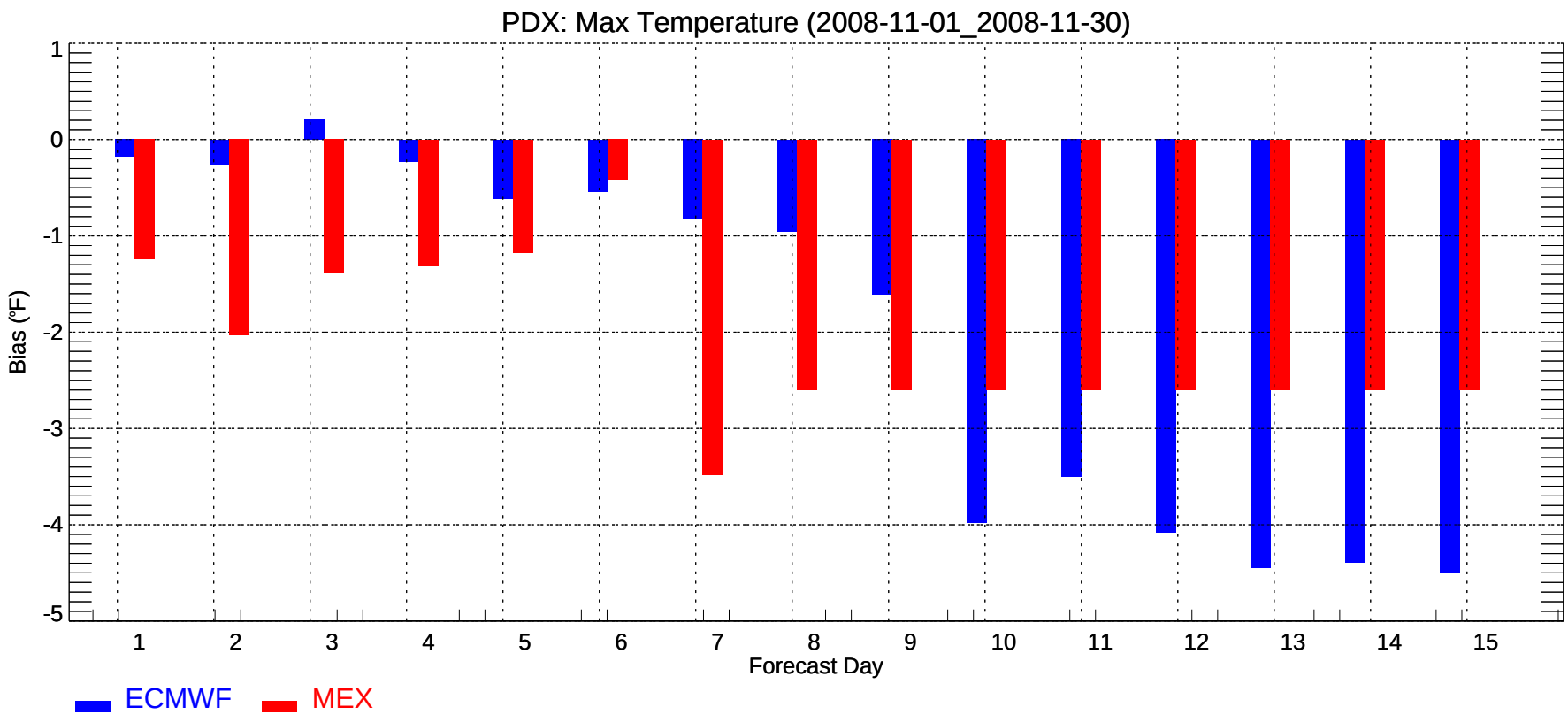
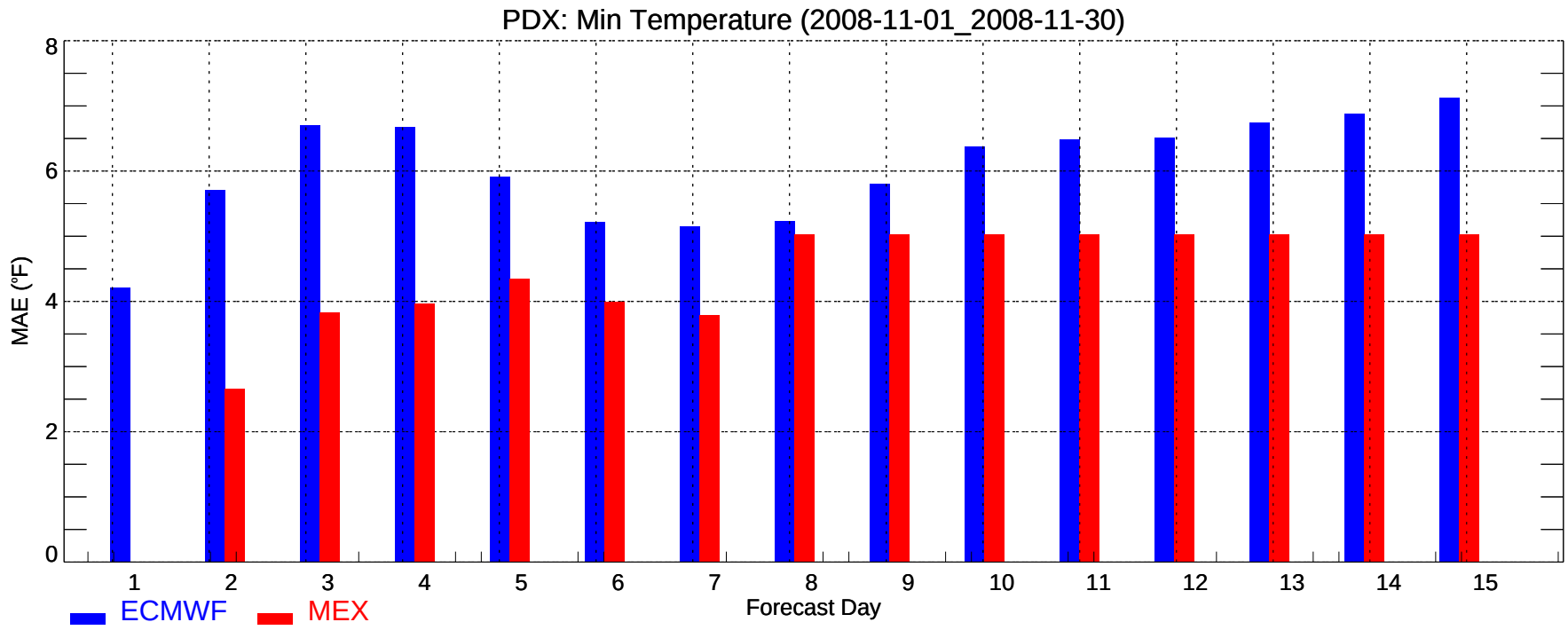
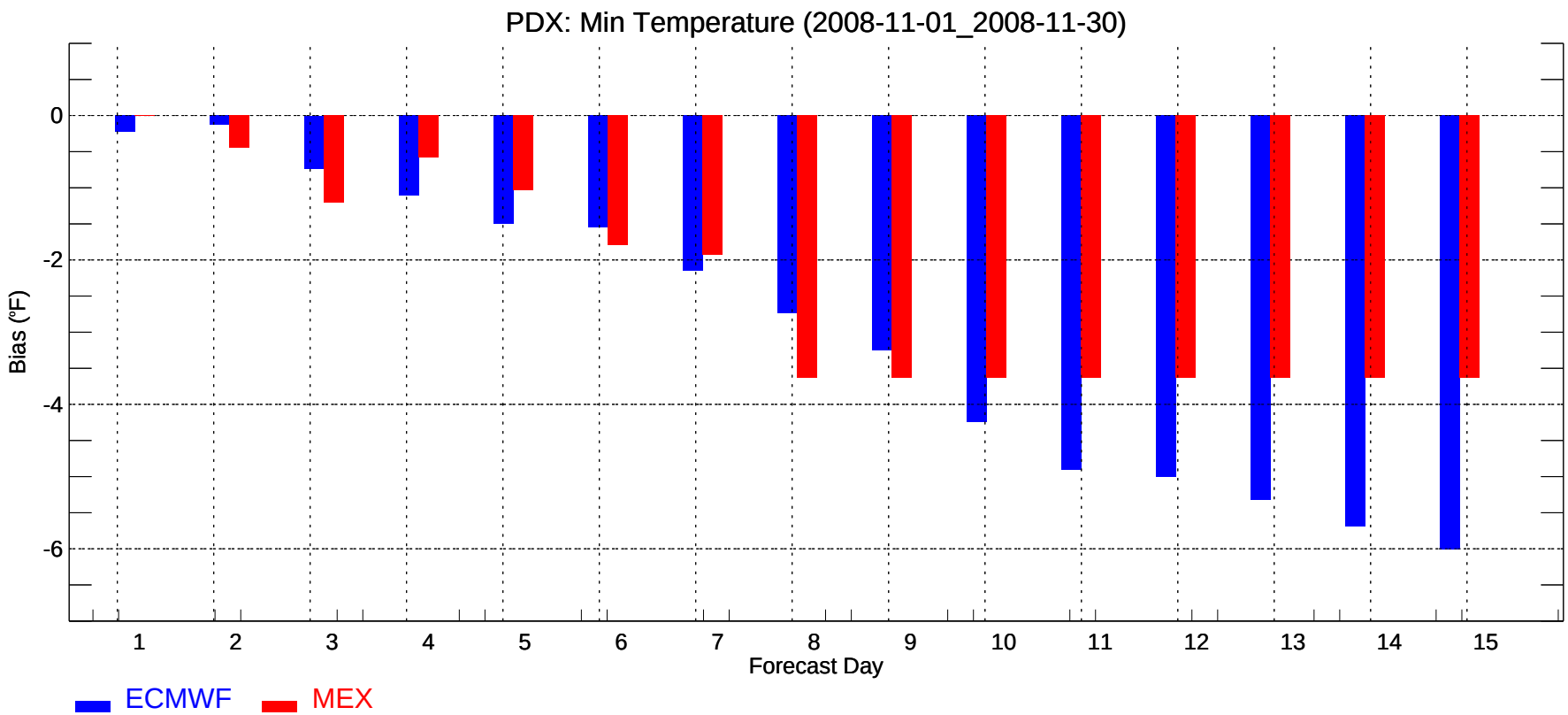
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


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


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


PDX: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
1
2
3
4
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7
8
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13
14
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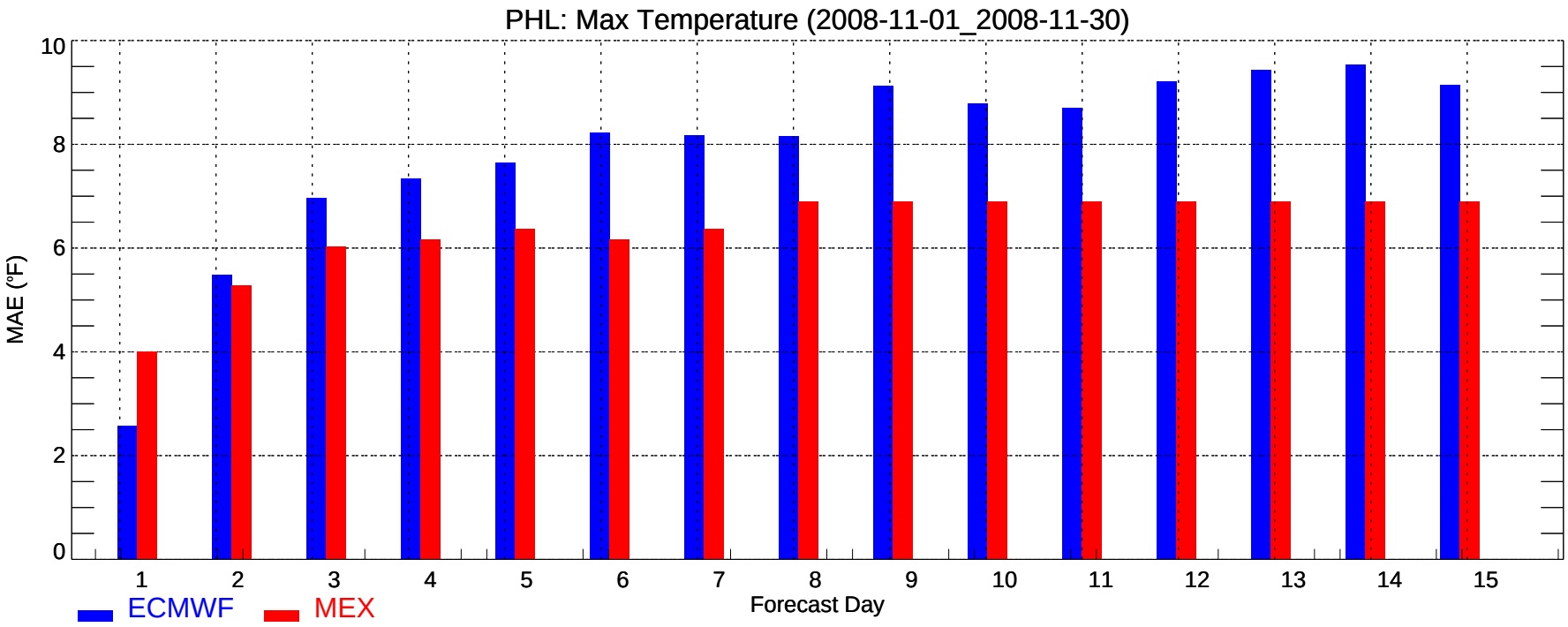
Forecast Day
ECMWF
MEX


PHL: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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6
7
8
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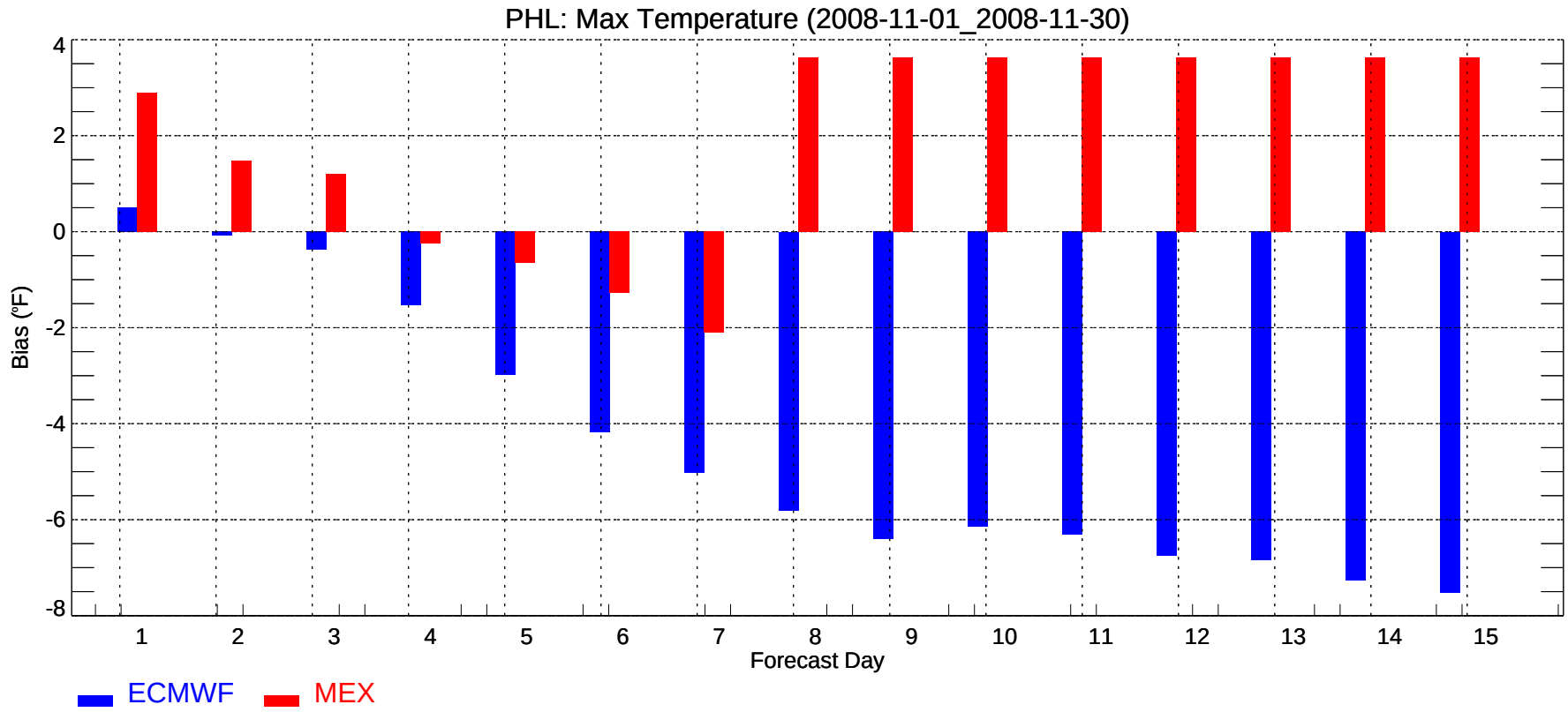
13
14
15
Forecast Day
ECMWF
MEX


PHL: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
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5
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7
8
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13
14
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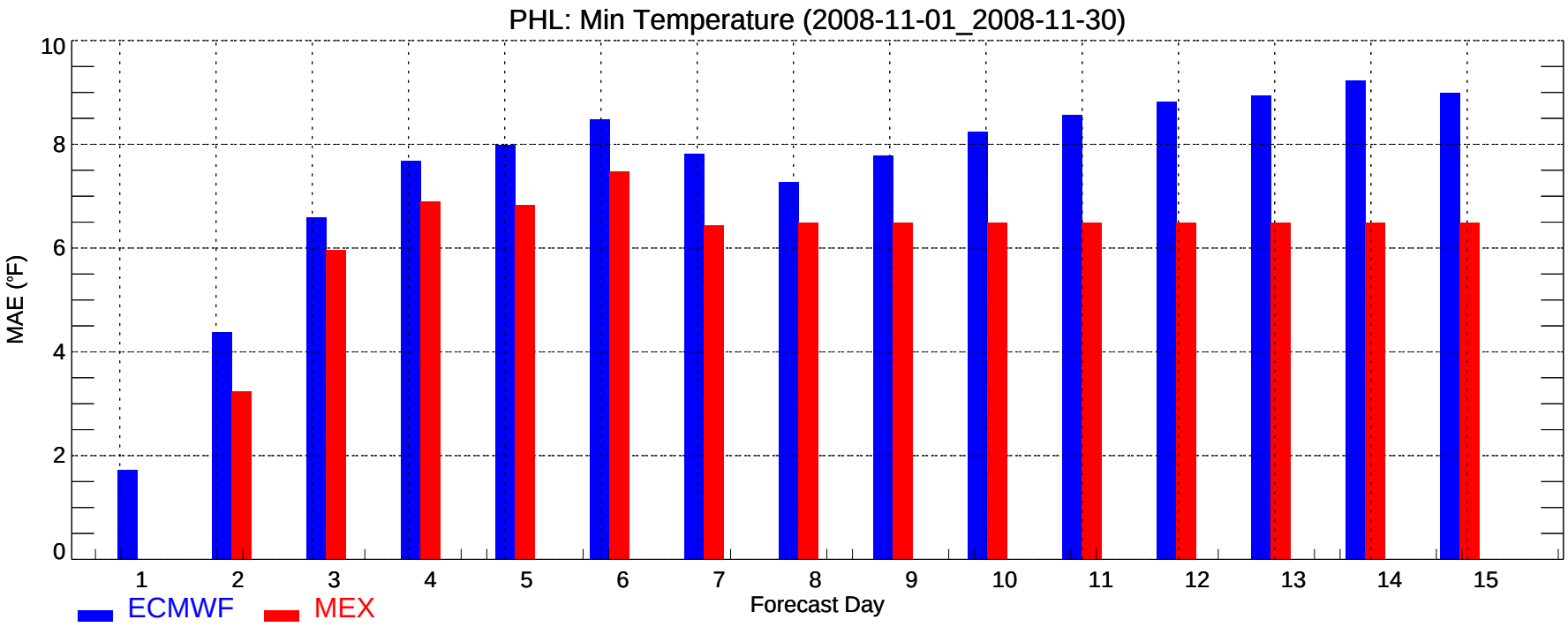
Forecast Day
ECMWF
MEX


PHL: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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1
2
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7
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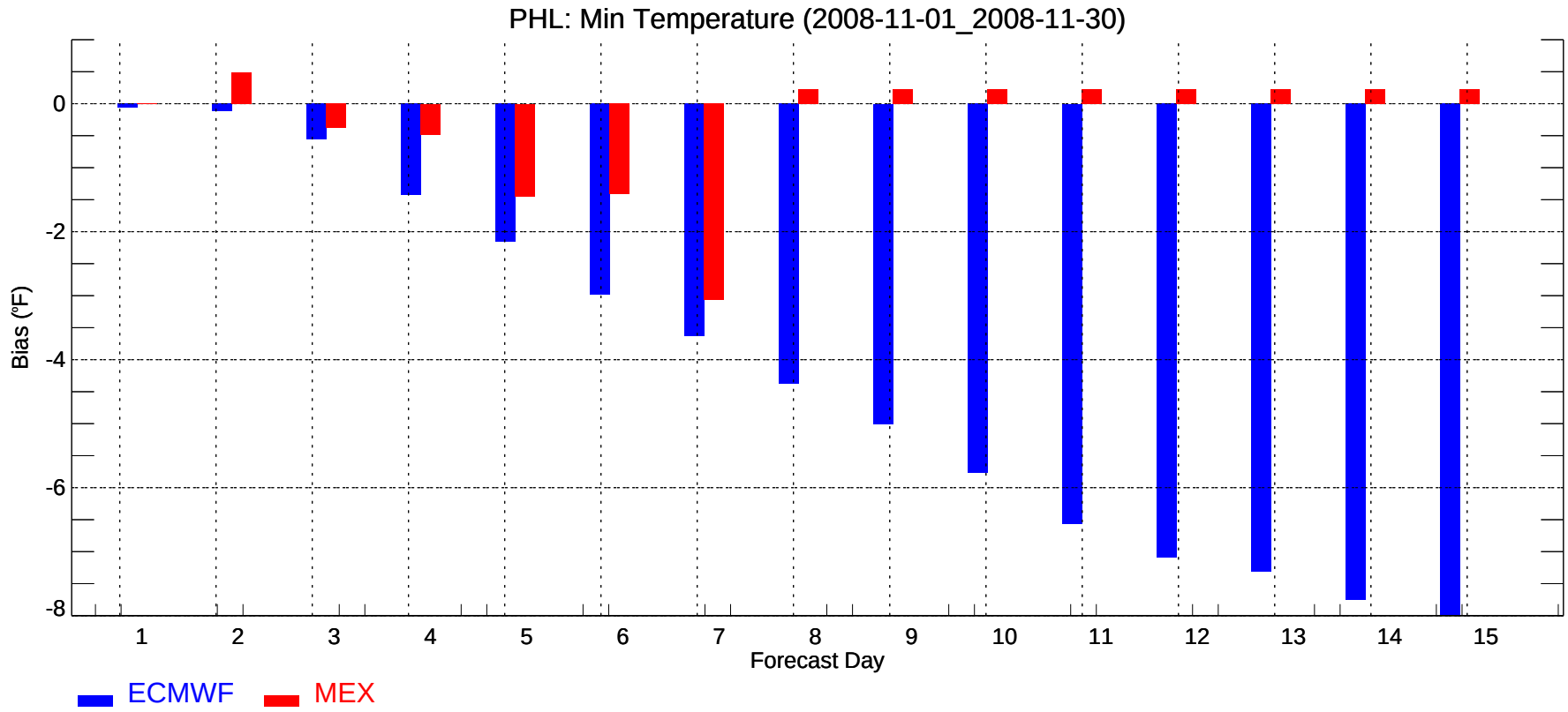
Forecast Day
ECMWF
MEX


PHL: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
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6
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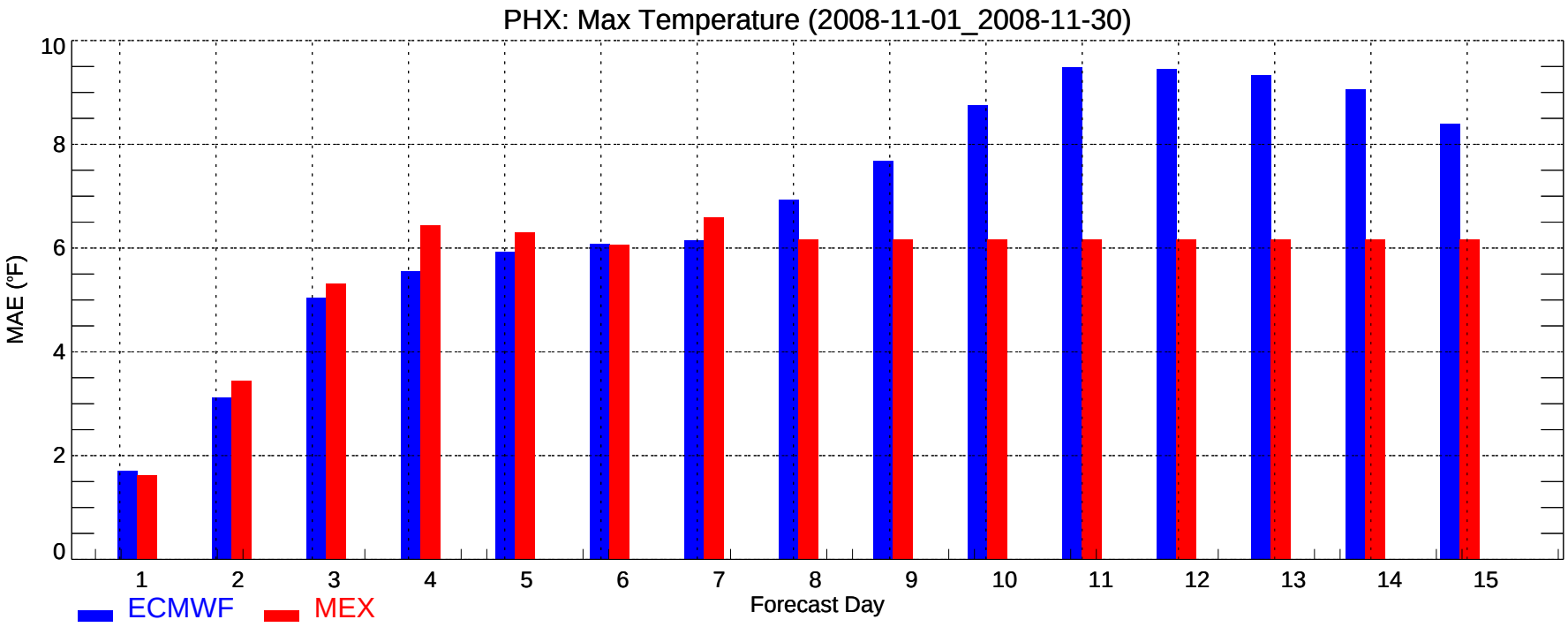
Forecast Day
ECMWF
MEX


PHX: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
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5
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7
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13
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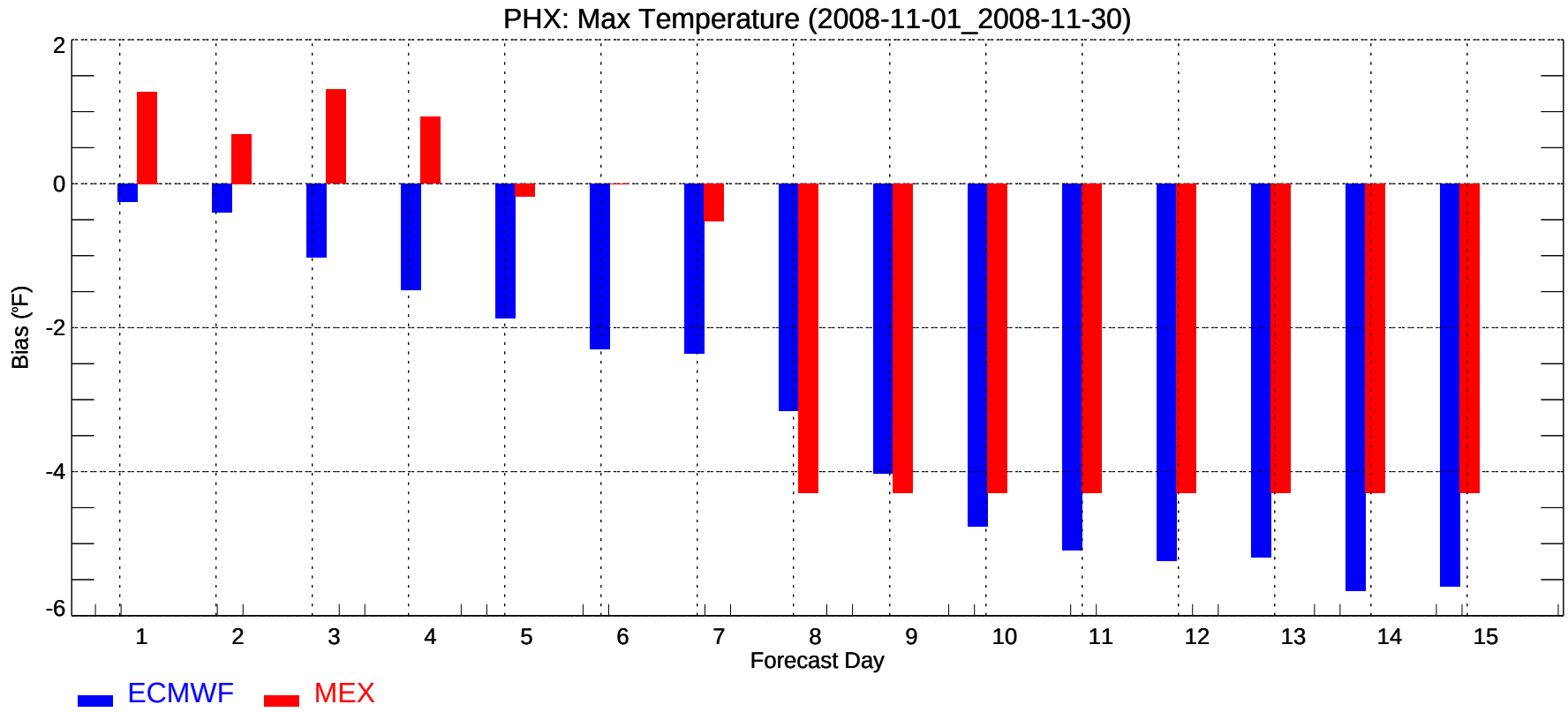
Forecast Day
ECMWF
MEX


PHX: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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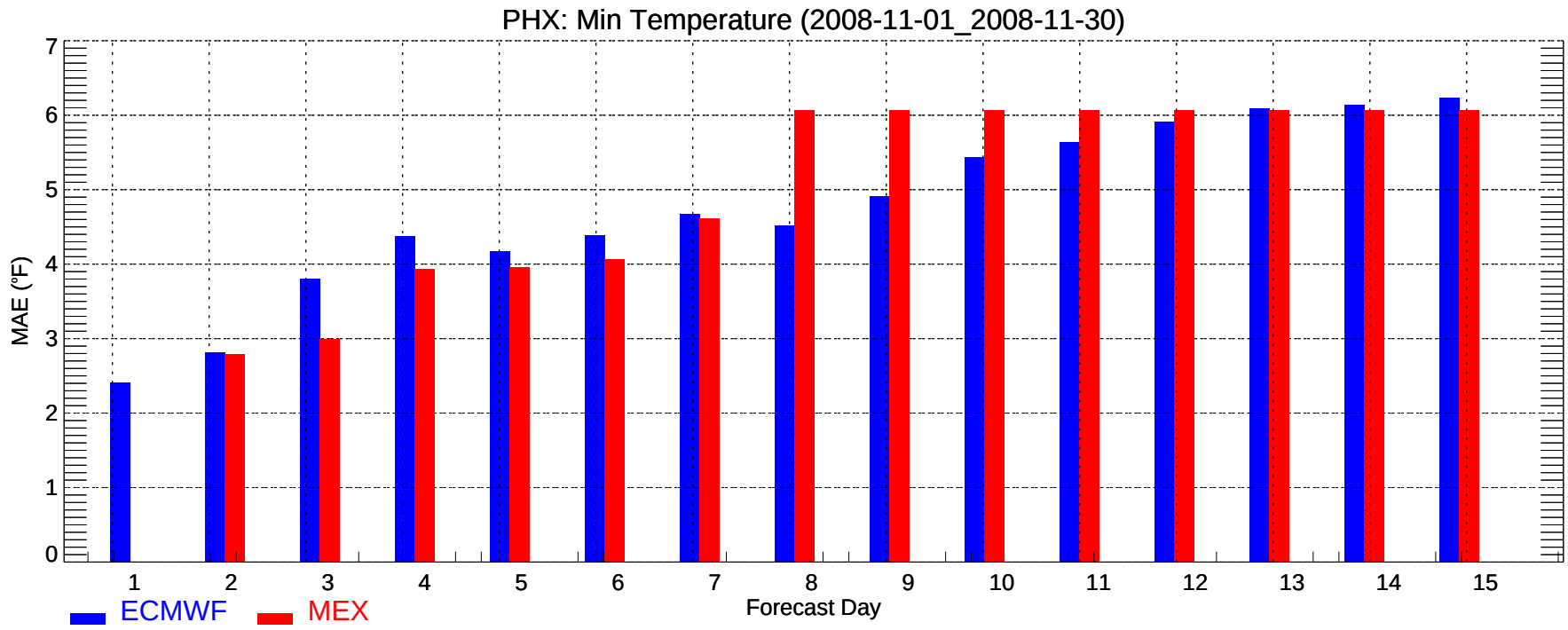
Forecast Day
ECMWF
MEX


PHX: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
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1
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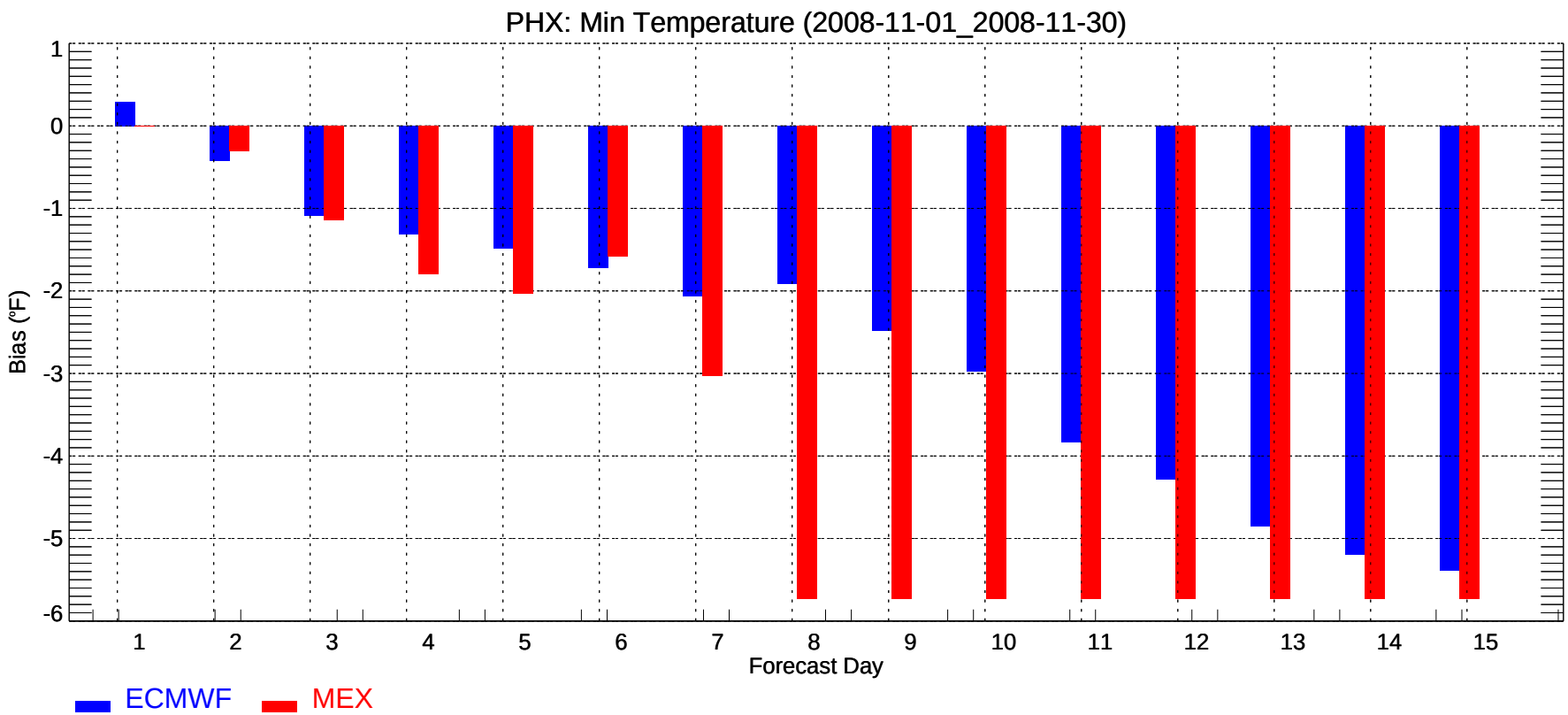
Forecast Day
ECMWF
MEX


PHX: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
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8
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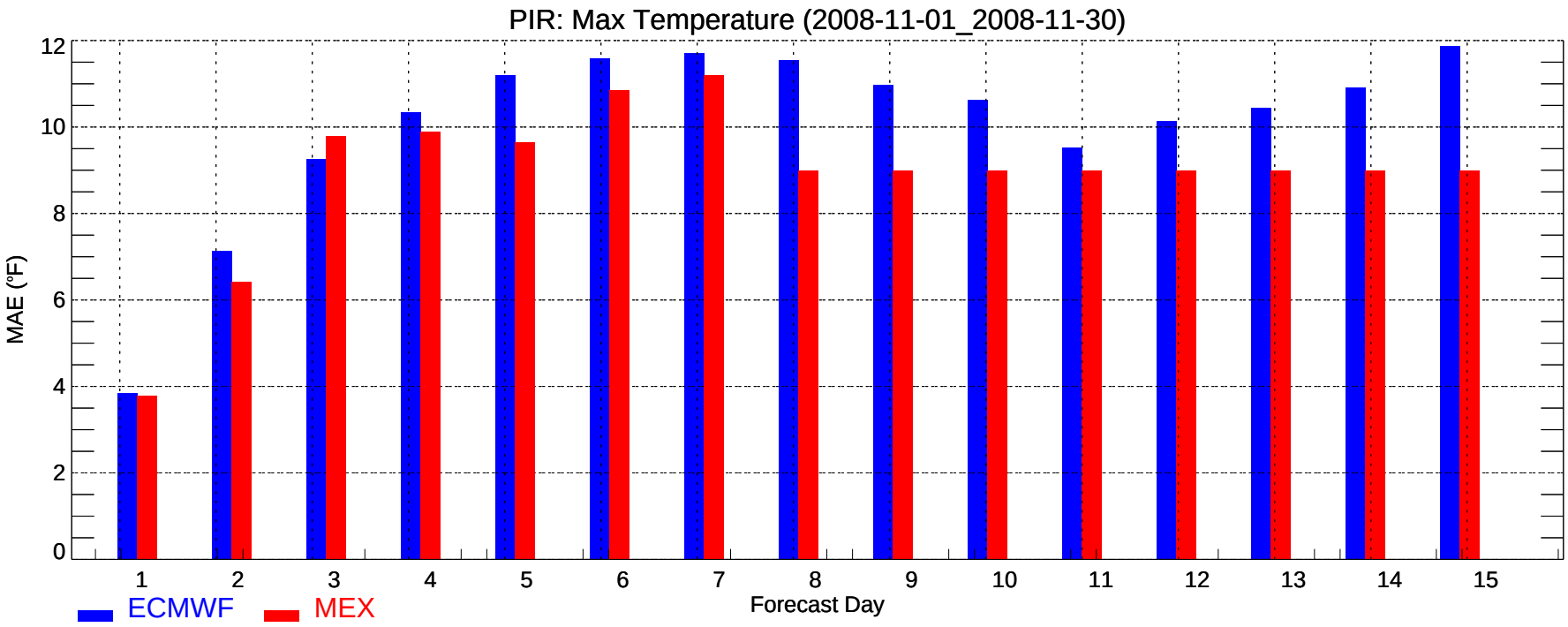
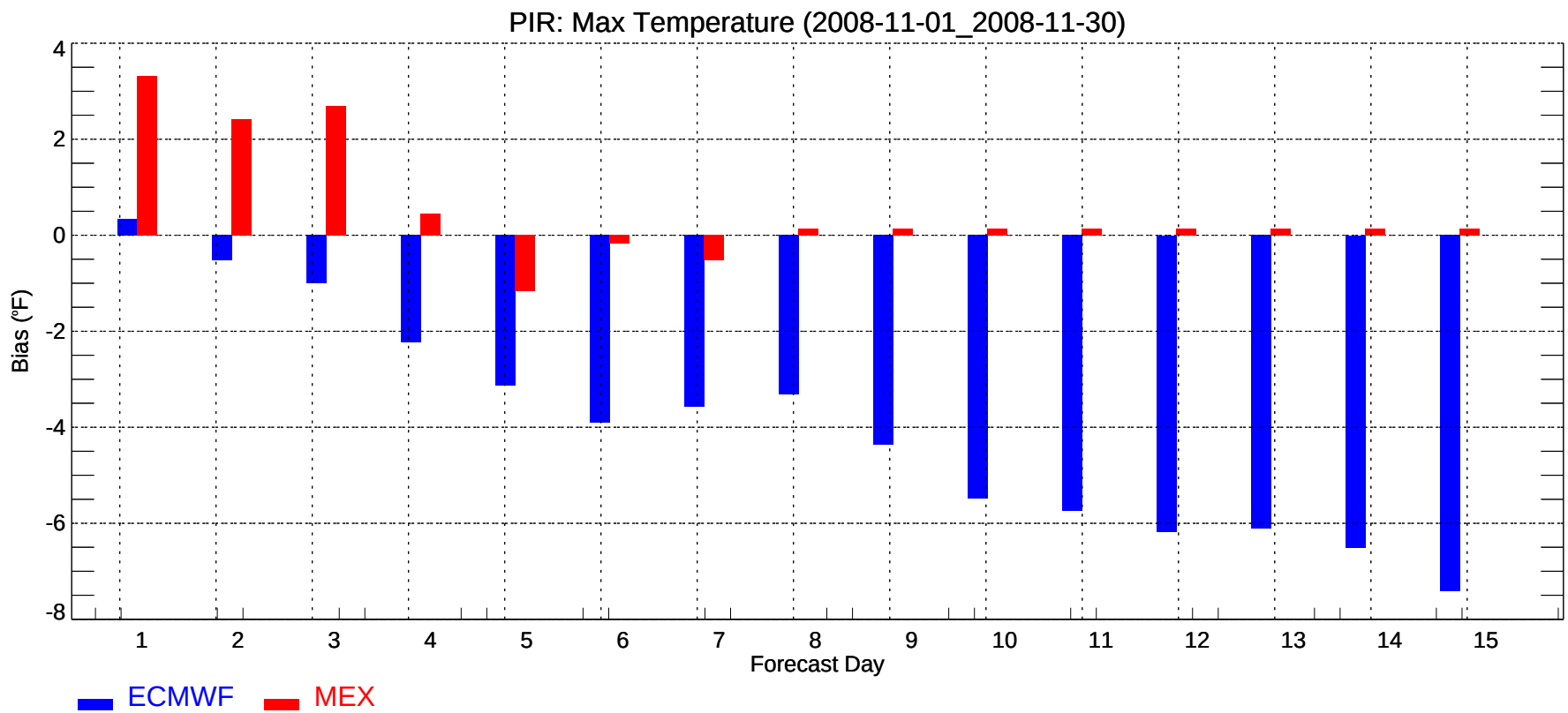
Forecast Day
ECMWF
MEX


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


PIR: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
3
4
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9
10
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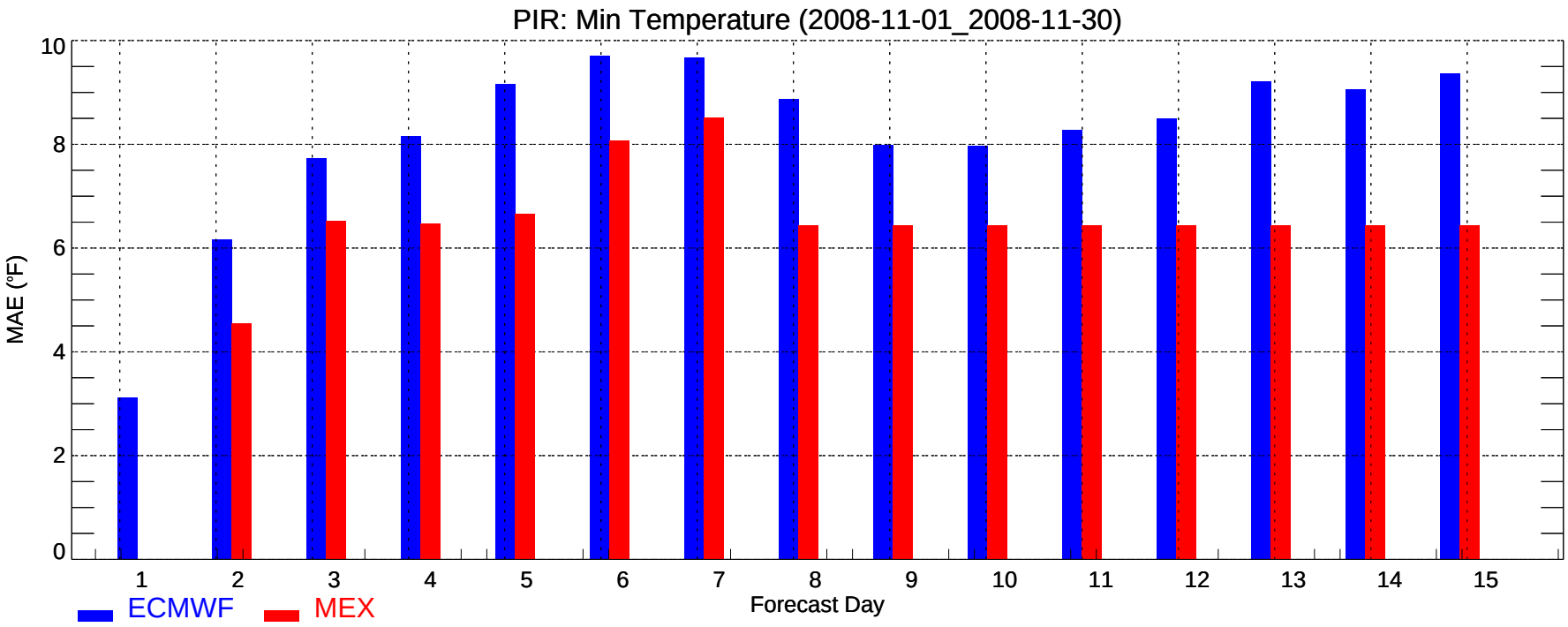
12
13
14
15
Forecast Day
ECMWF
MEX


PIR: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
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8
10
1
2
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12
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14
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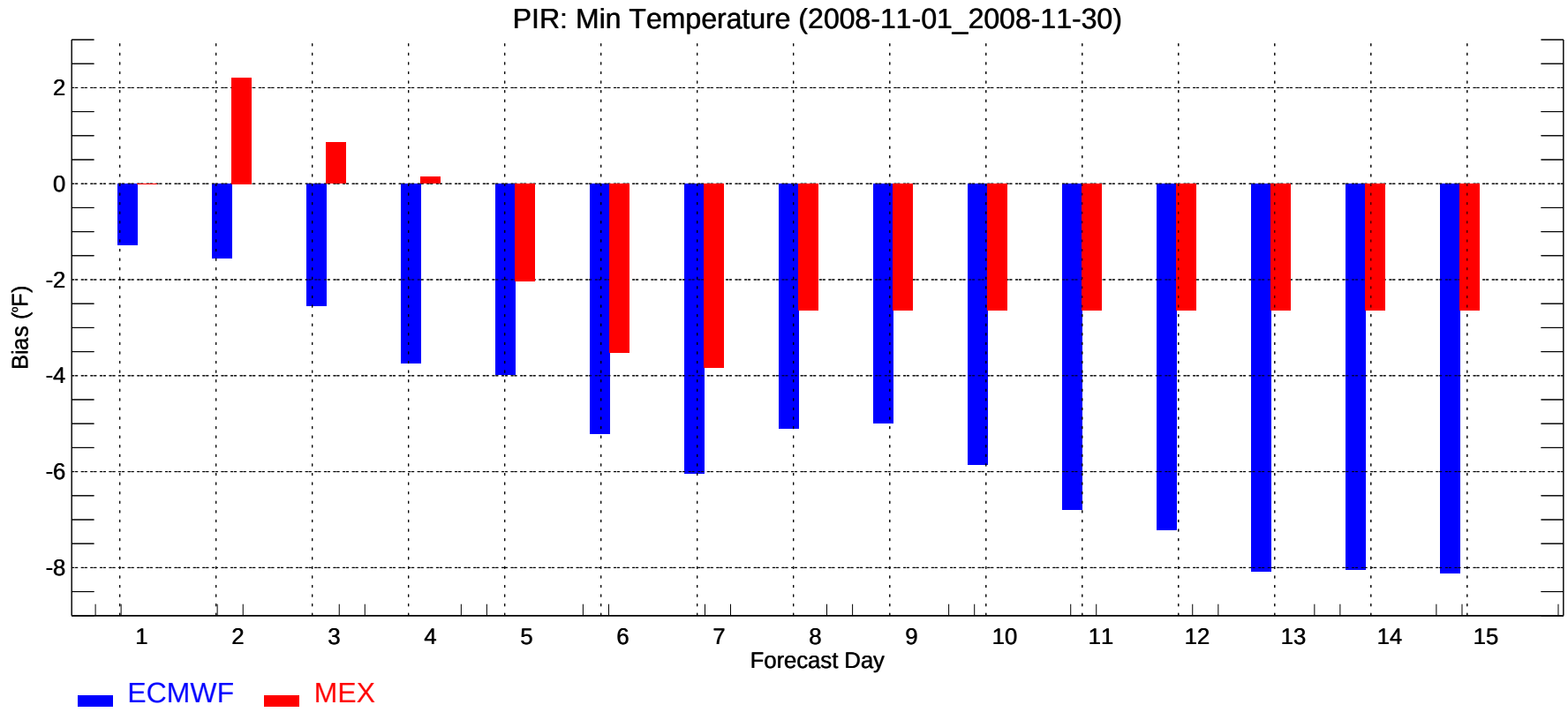
Forecast Day
ECMWF
MEX


PIR: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
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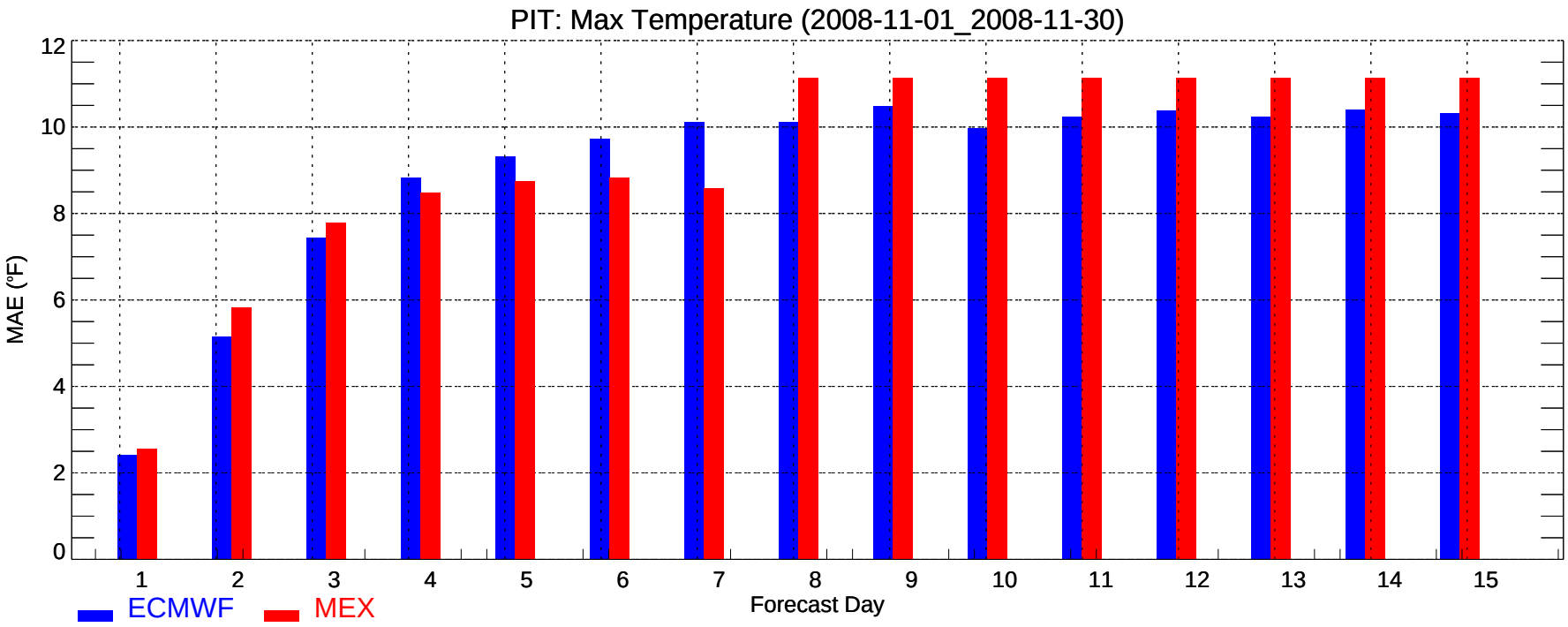
Forecast Day
ECMWF
MEX


PIT: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
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6
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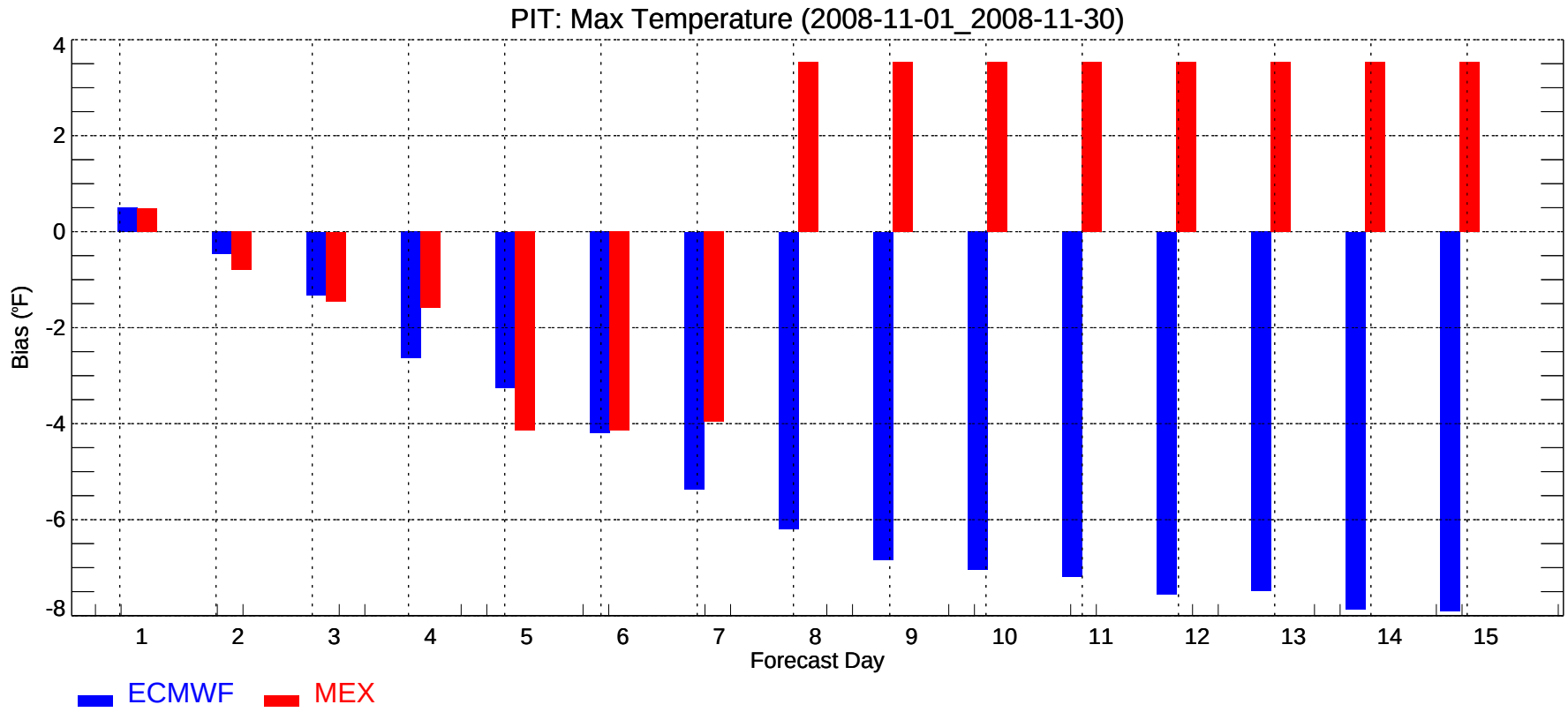
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIT: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
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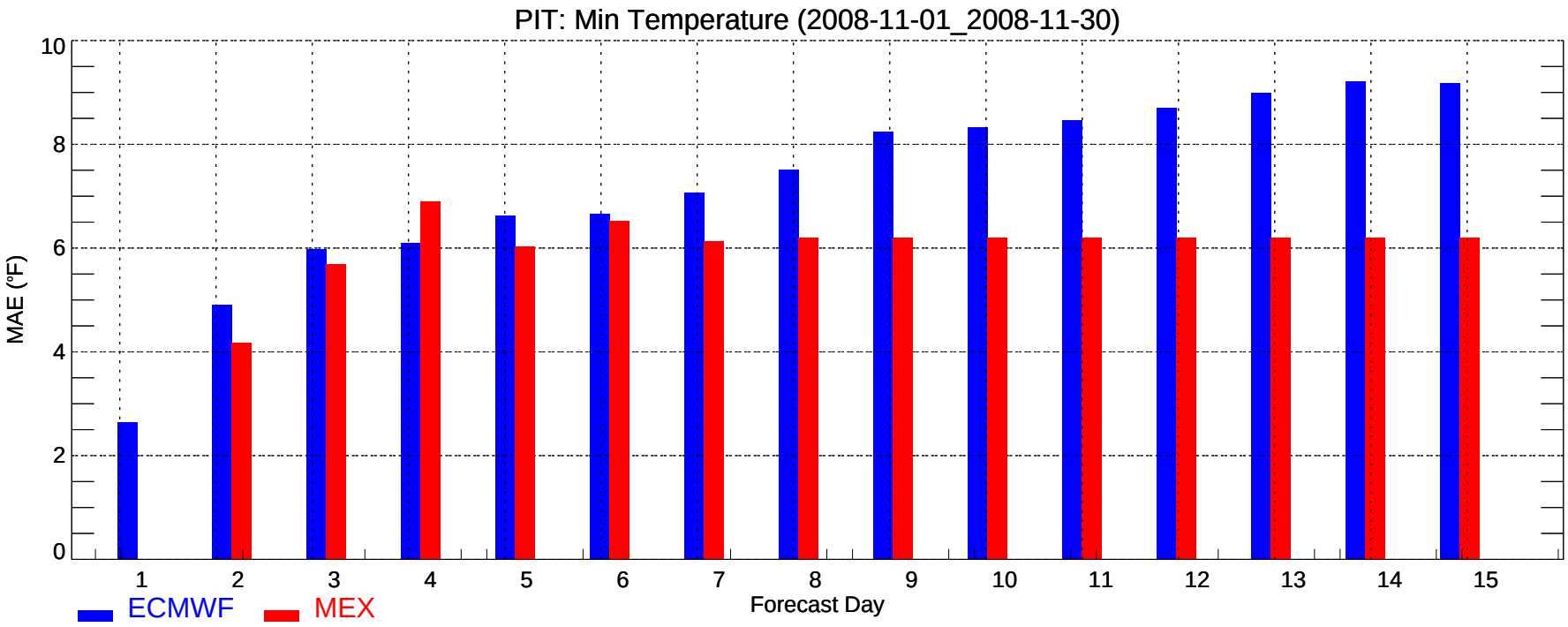
Forecast Day
ECMWF
MEX


PIT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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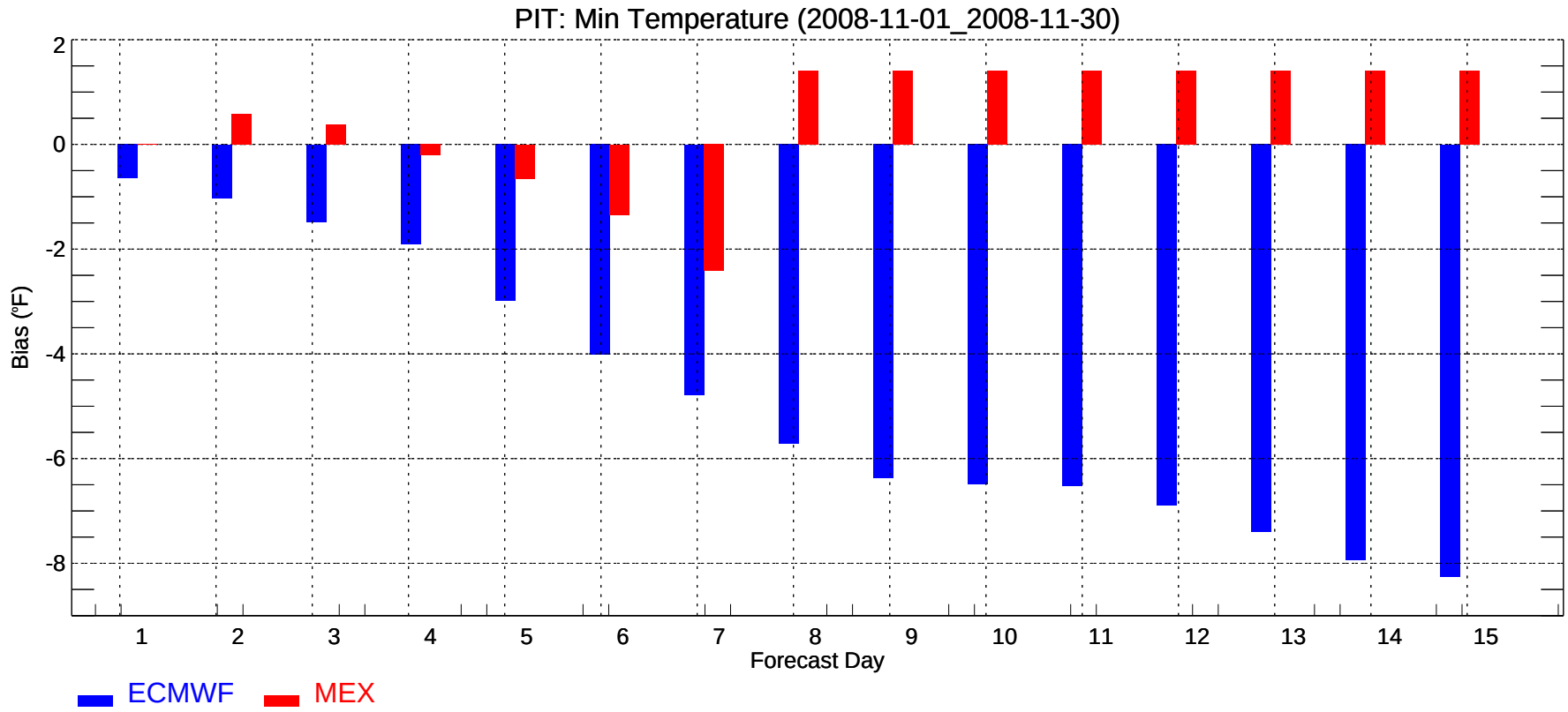
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PIT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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10
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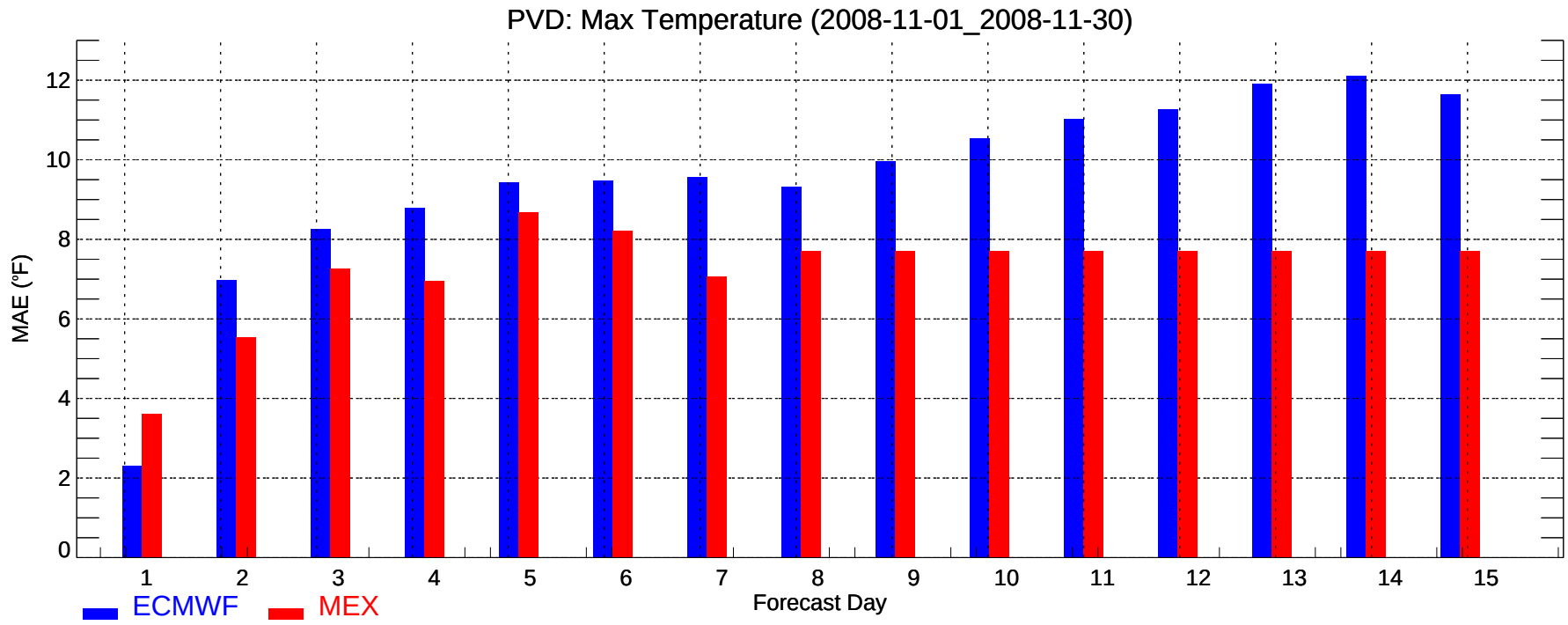
12
13
14
15
Forecast Day
ECMWF
MEX


PVD: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
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2
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5
6
7
8
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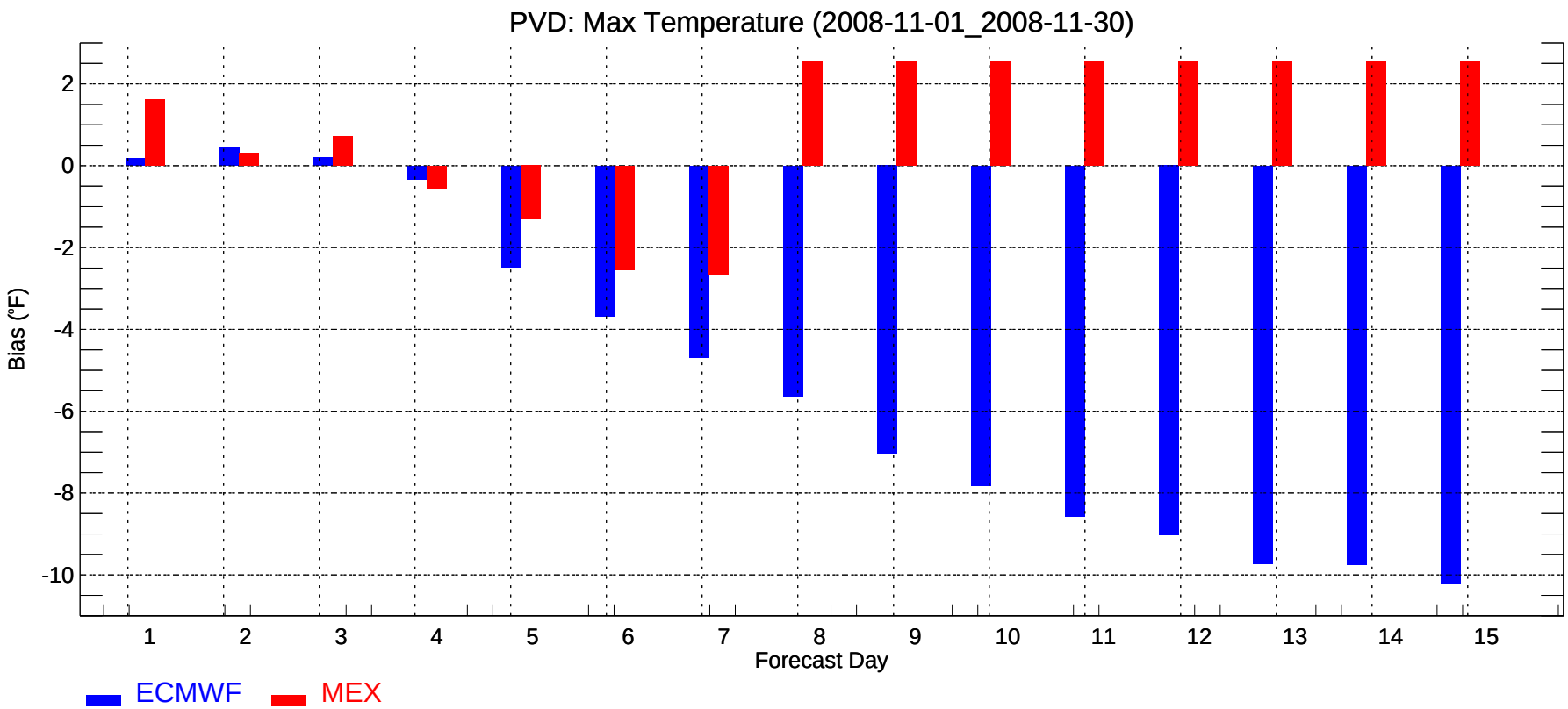
11
12
13
14
15
Forecast Day
ECMWF
MEX


PVD: Max Temperature (2008-11-01_2008-11-30)
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
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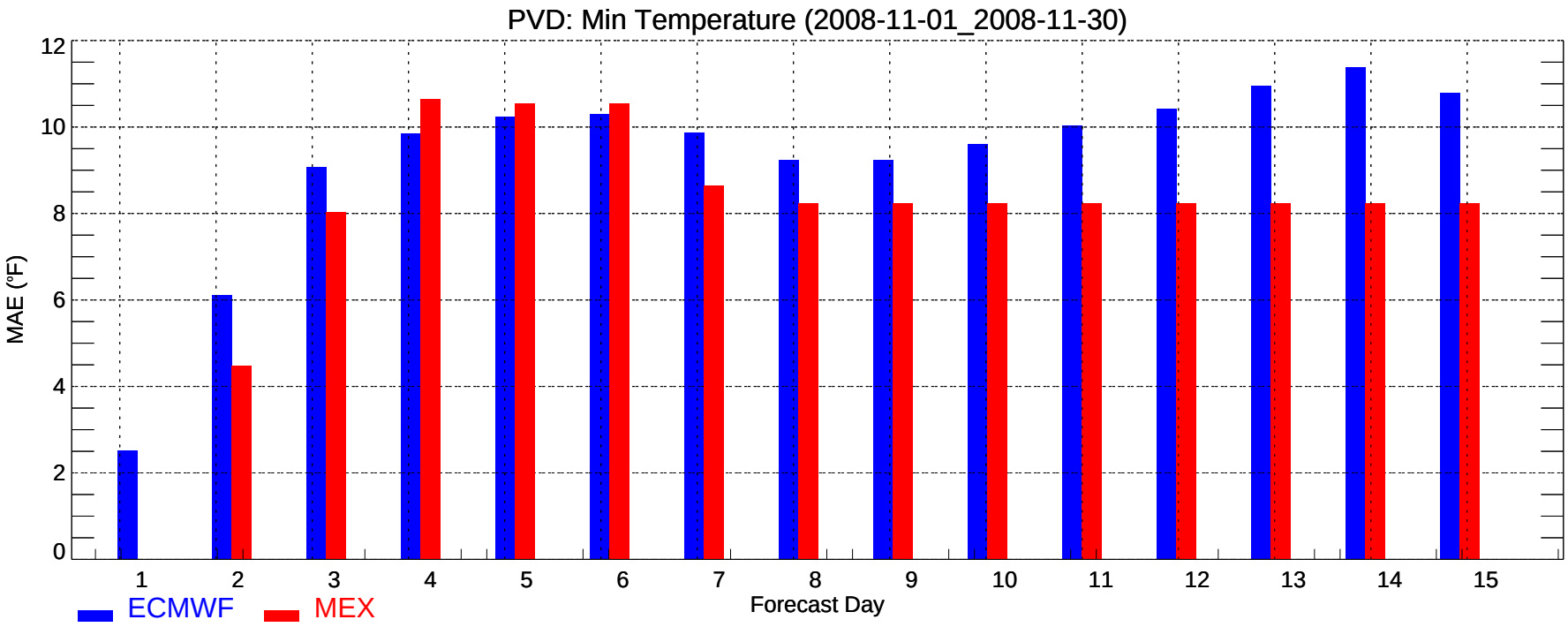
Forecast Day
ECMWF
MEX


PVD: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
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13
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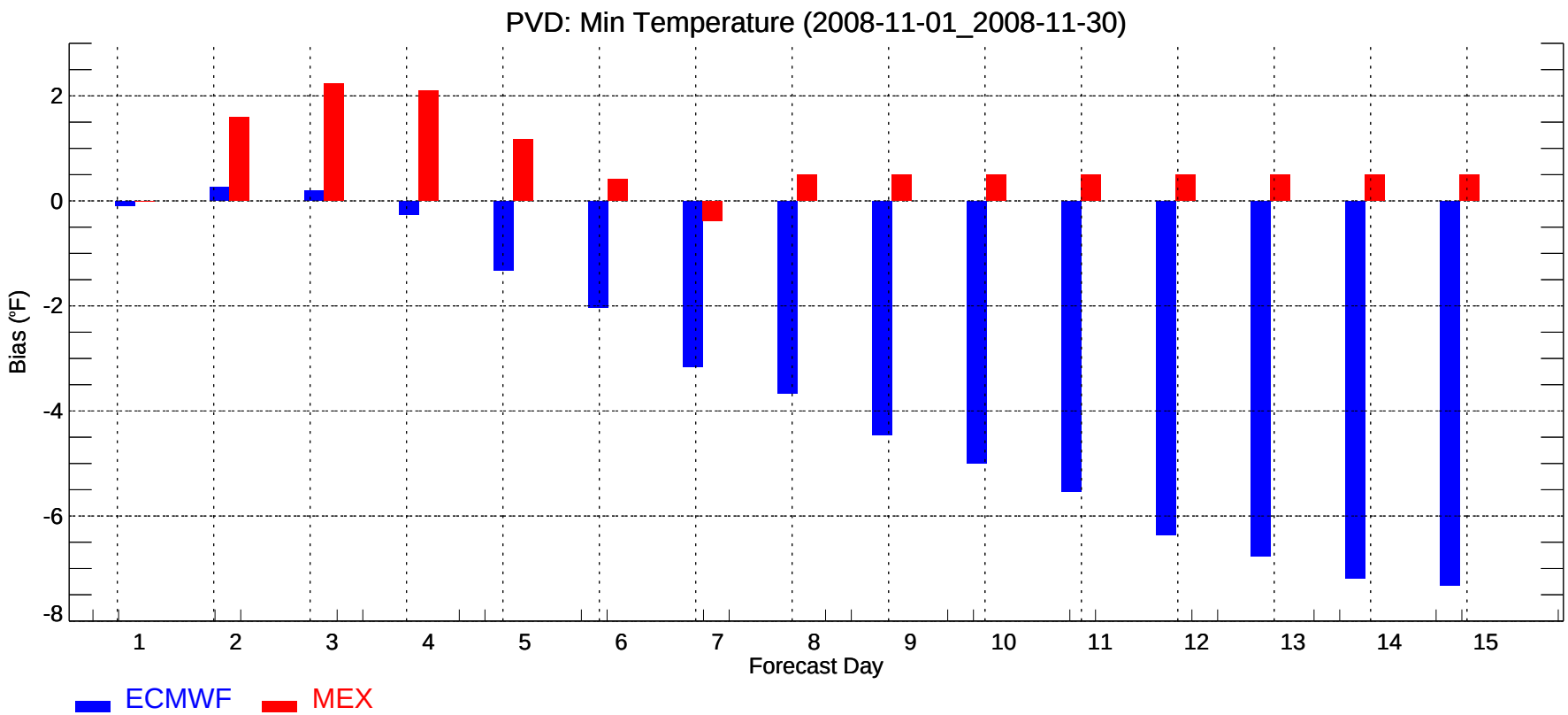
Forecast Day
ECMWF
MEX


PVD: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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0
-2
-4
-6
-8
1
2
3
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5
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8
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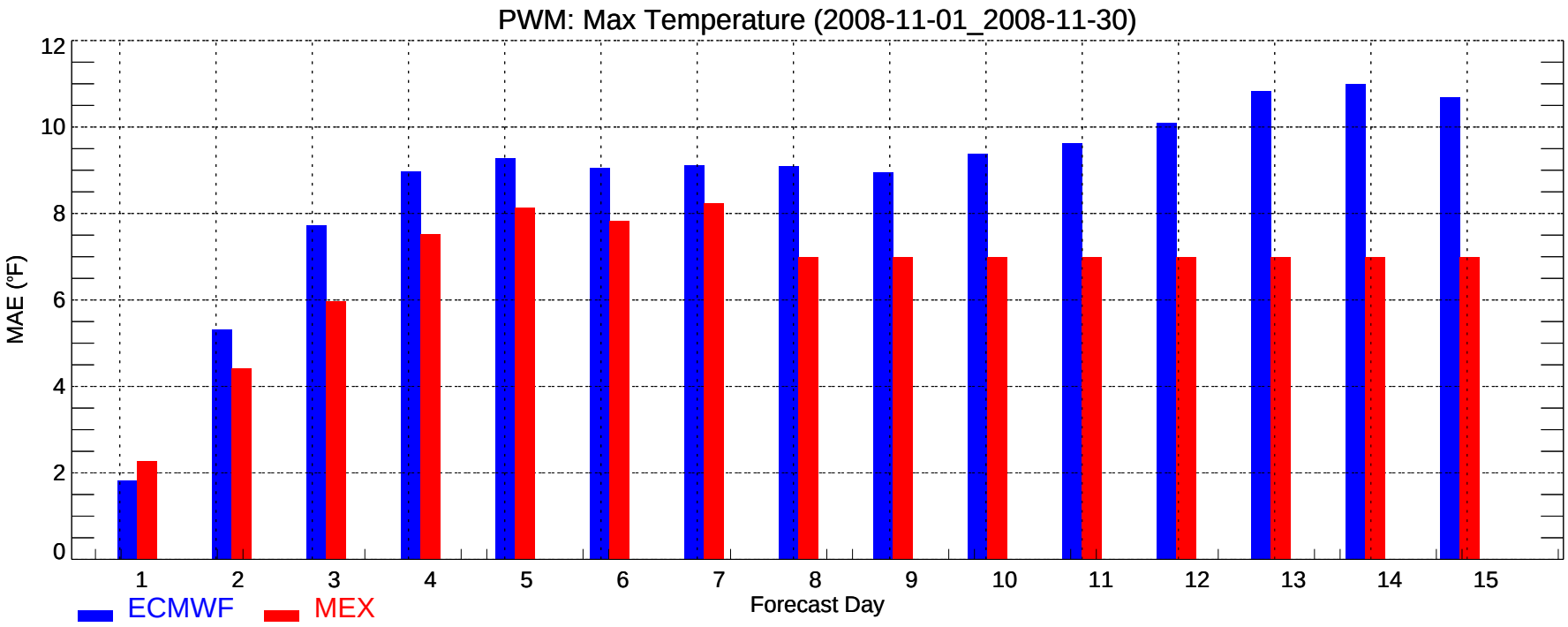
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PWM: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
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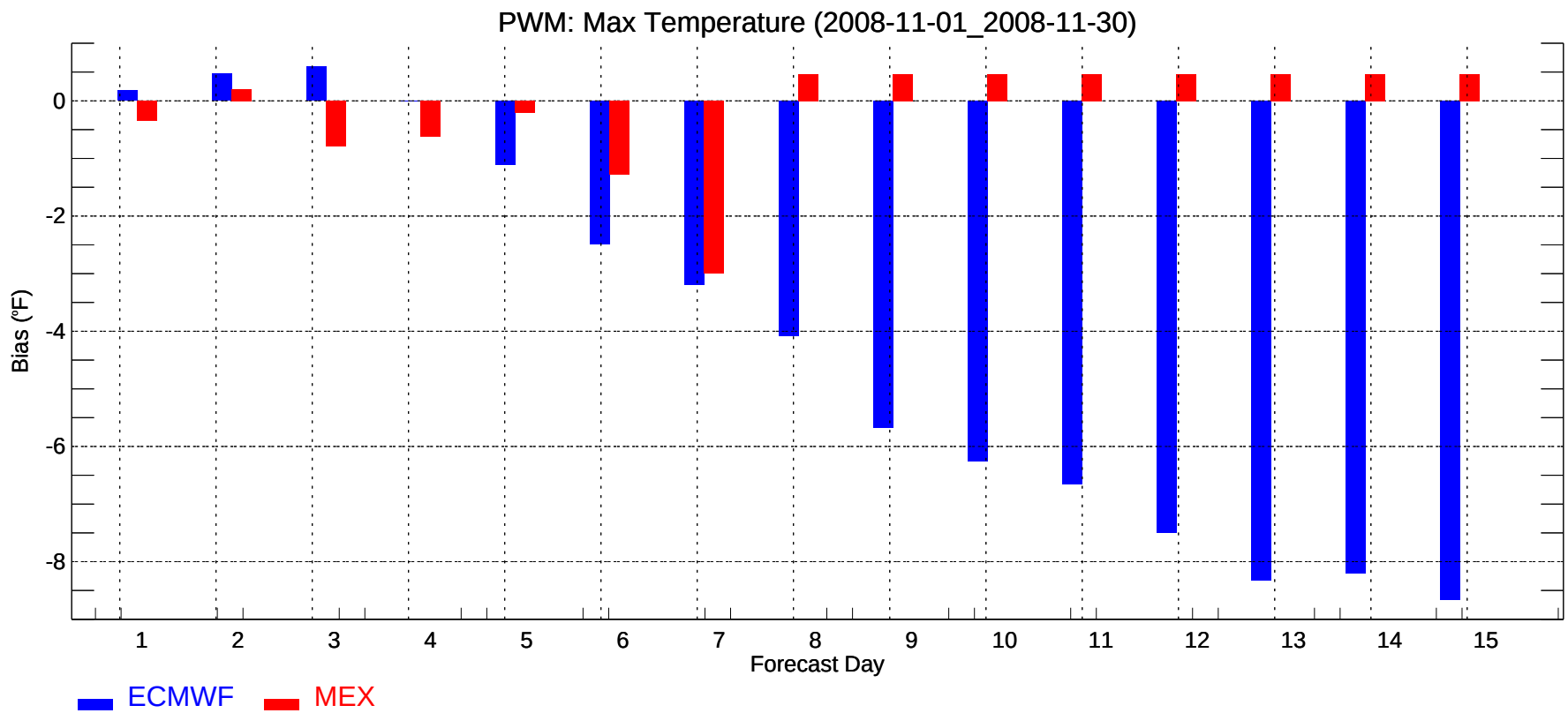
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PWM: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
5
6
7
8
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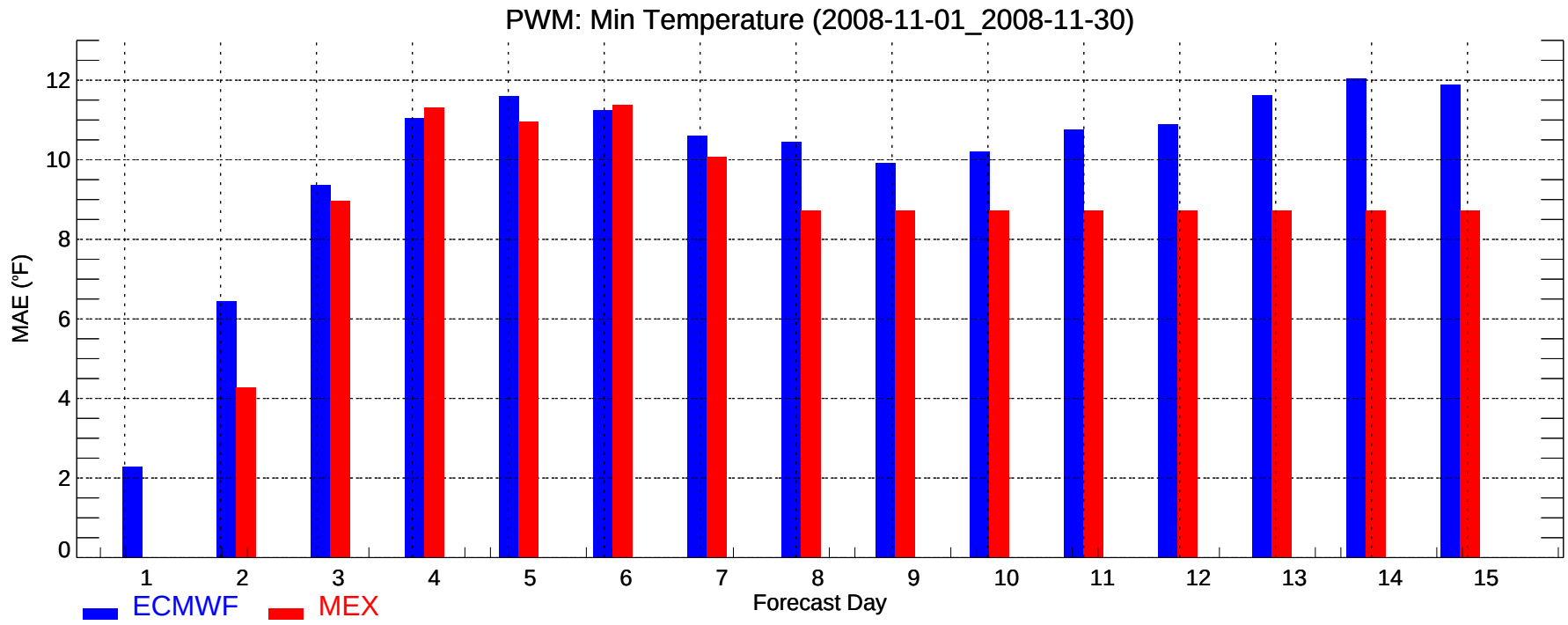
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PWM: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
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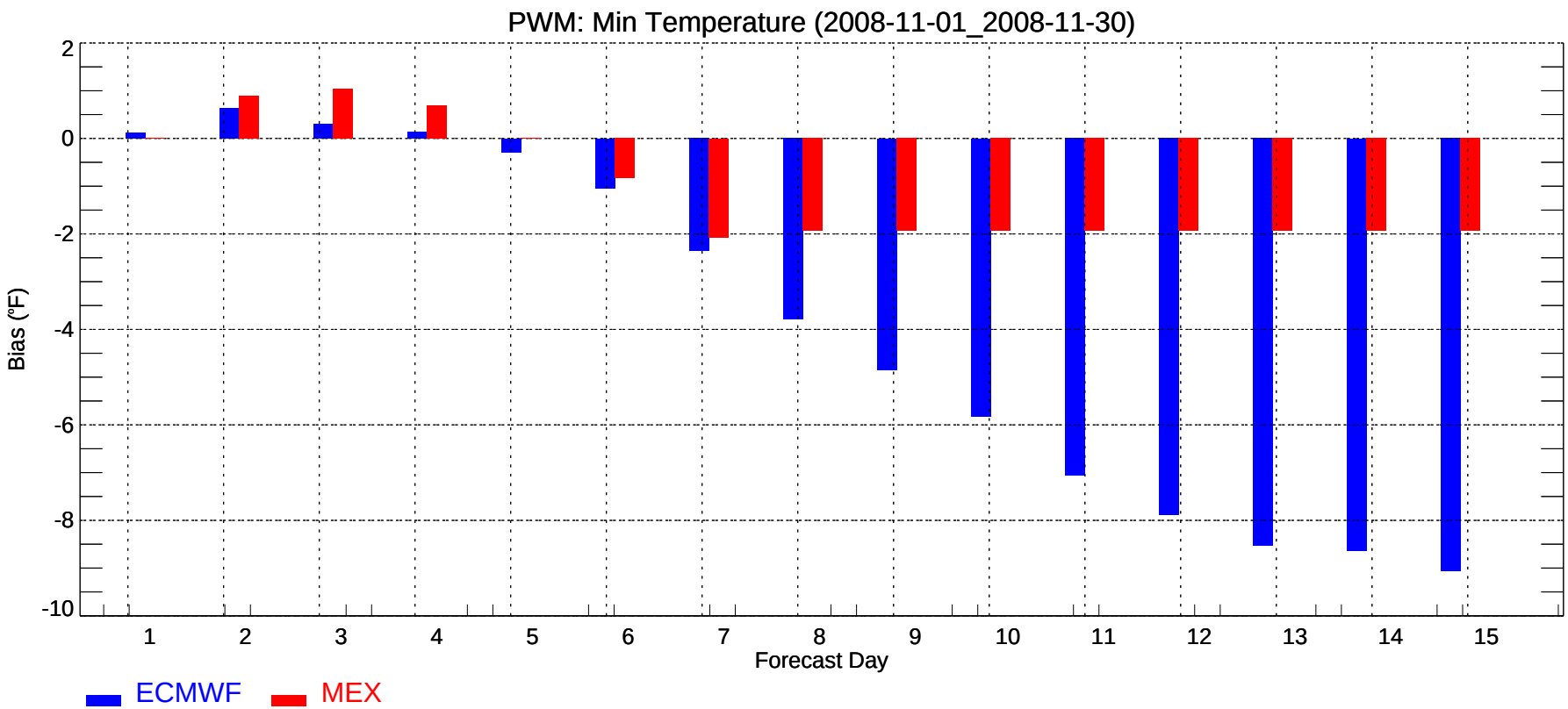
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


PWM: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
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5
6
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8
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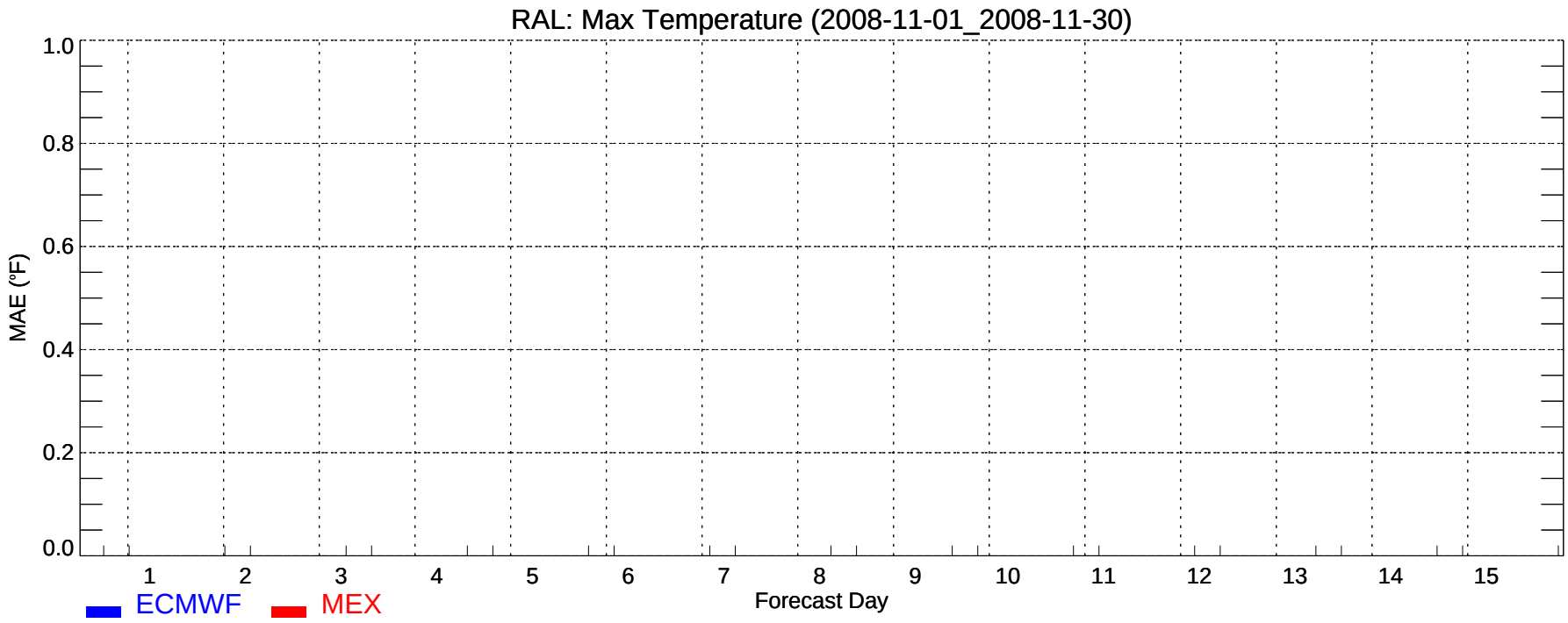
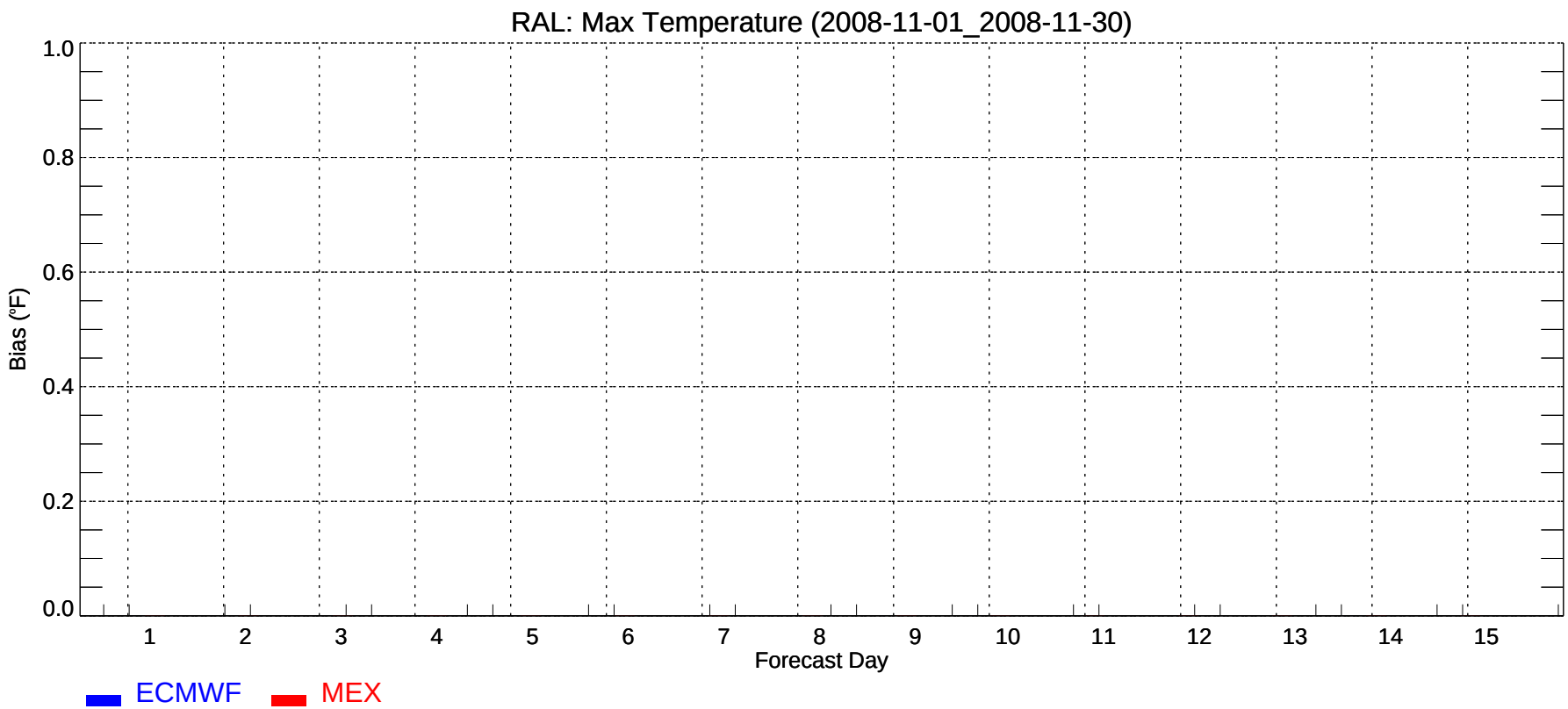
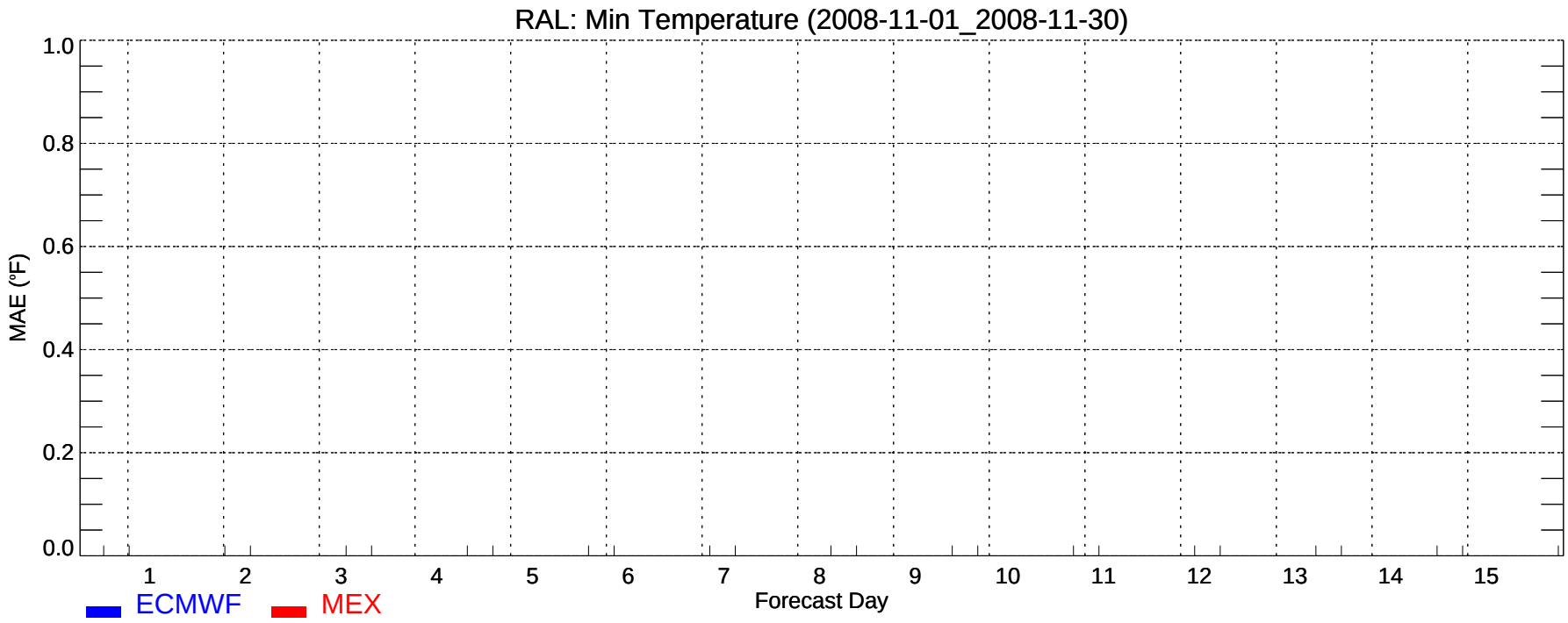
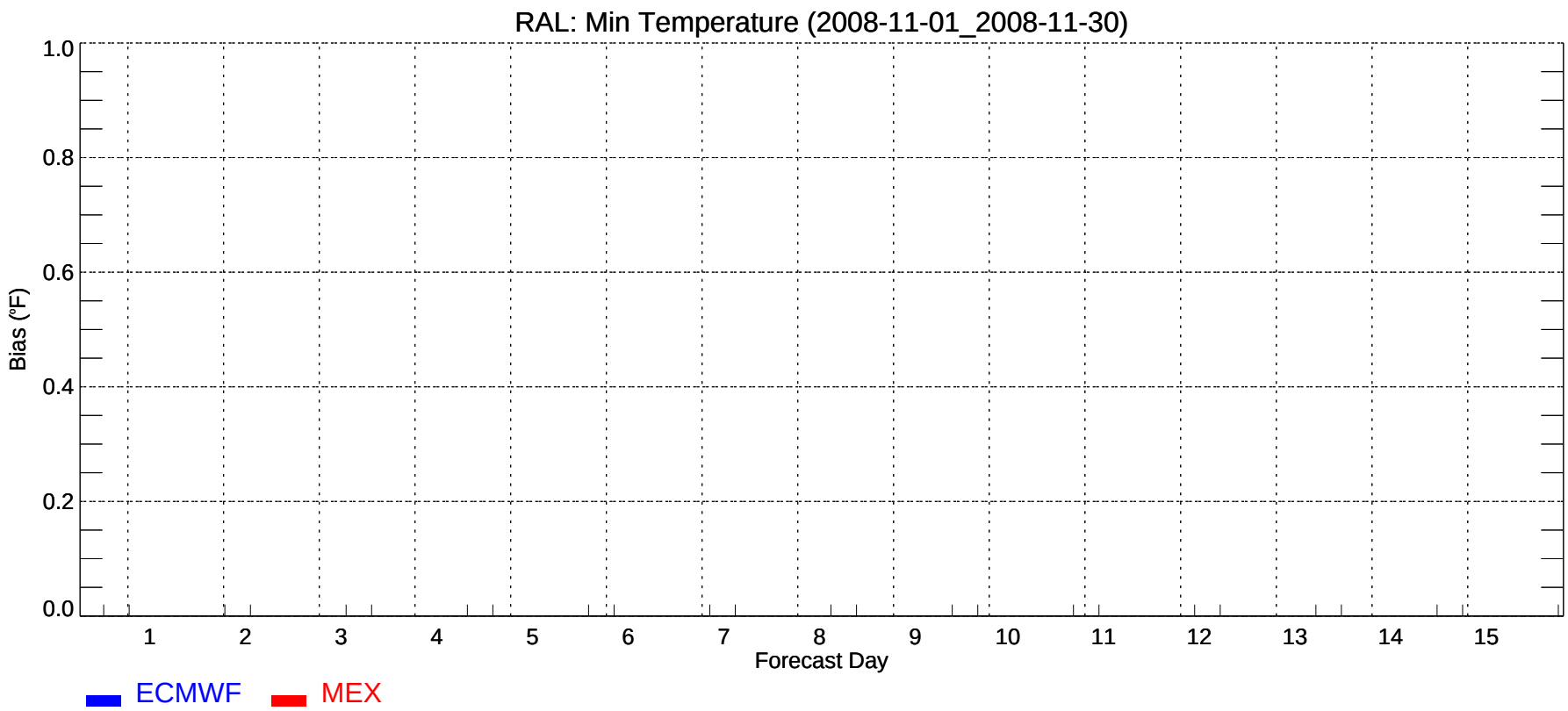
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RAL: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
1.0
0.8
0.6
0.4
0.2
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX


RAL: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
1.0
0.8
0.6
0.4
0.2
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Forecast Day
ECMWF
MEX


RAL: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
1.0
0.8
0.6
0.4
0.2
0.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RAL: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1.0
0.8
0.6
0.4
0.2
0.0
1
2
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6
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8
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12
13
14
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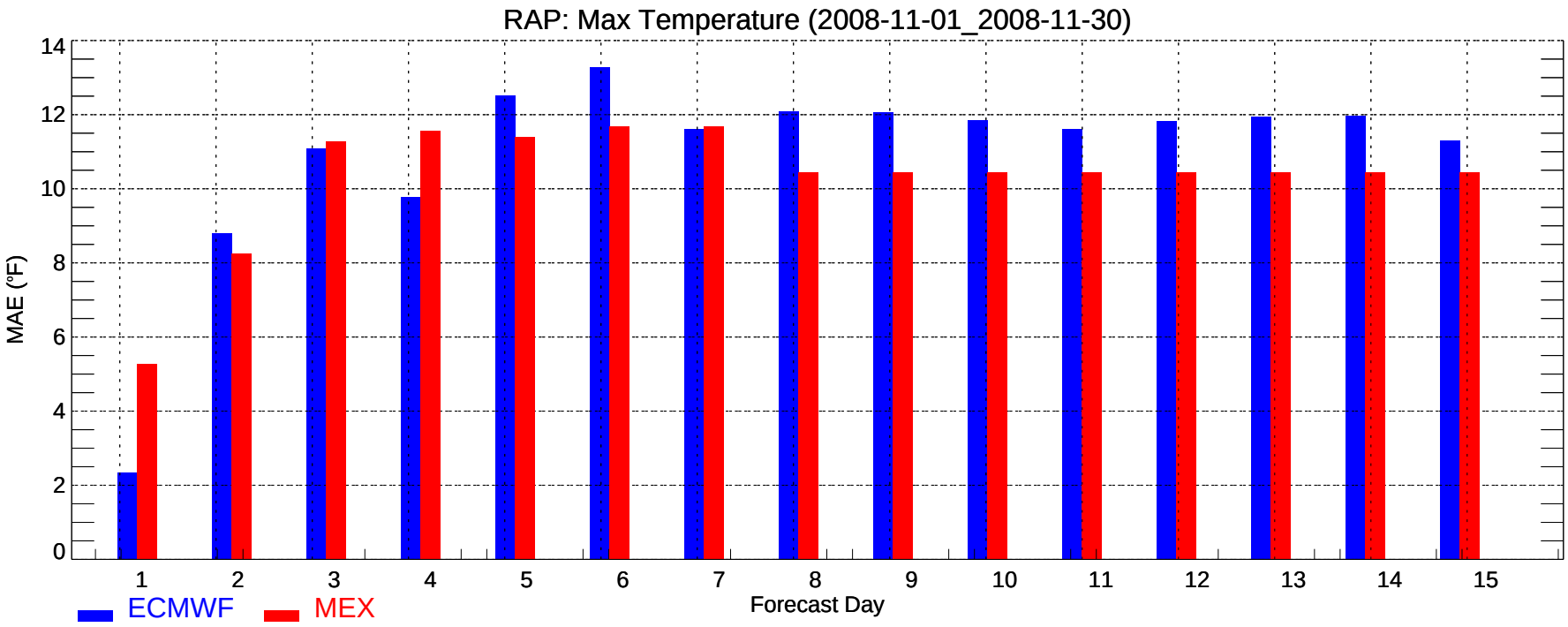
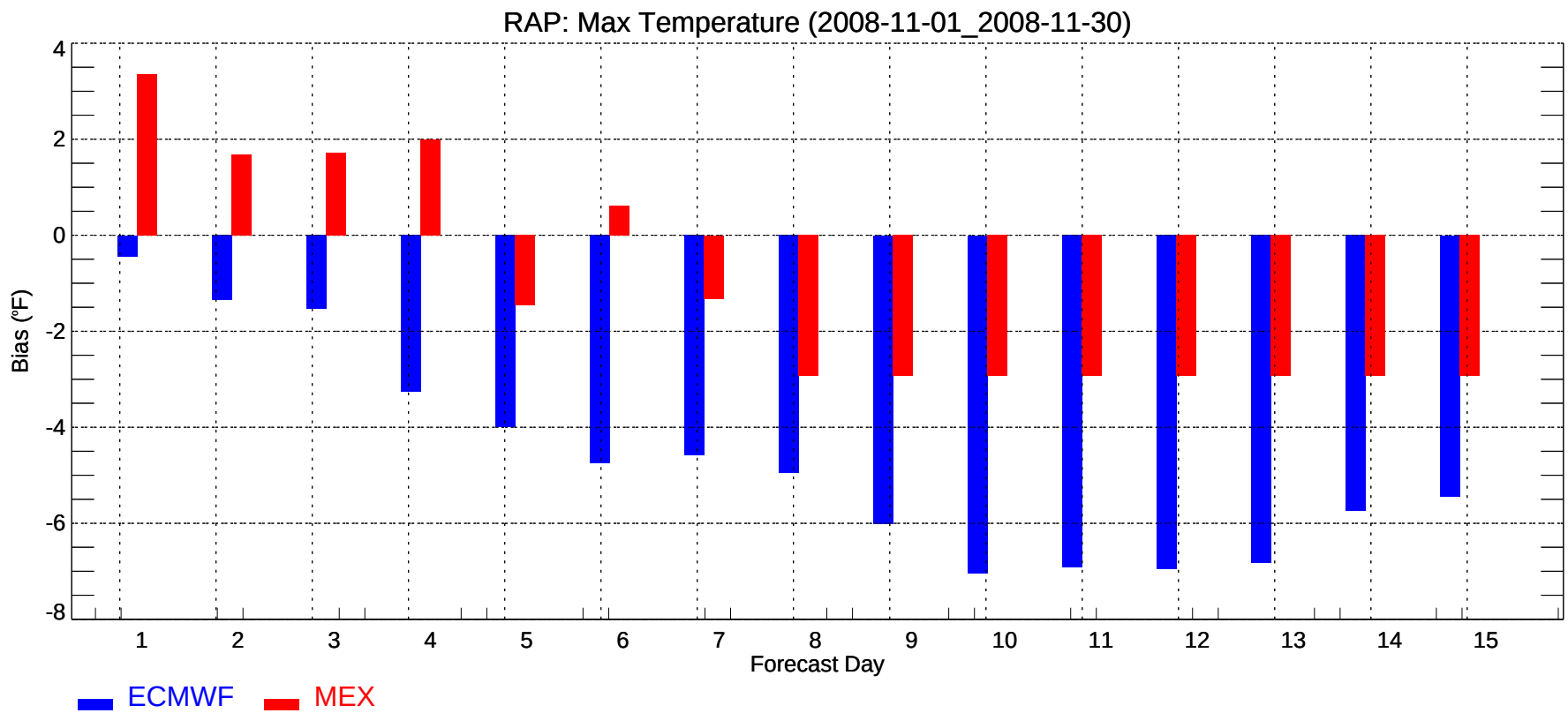
Forecast Day
ECMWF
MEX


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


RAP: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
3
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6
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8
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12
13
14
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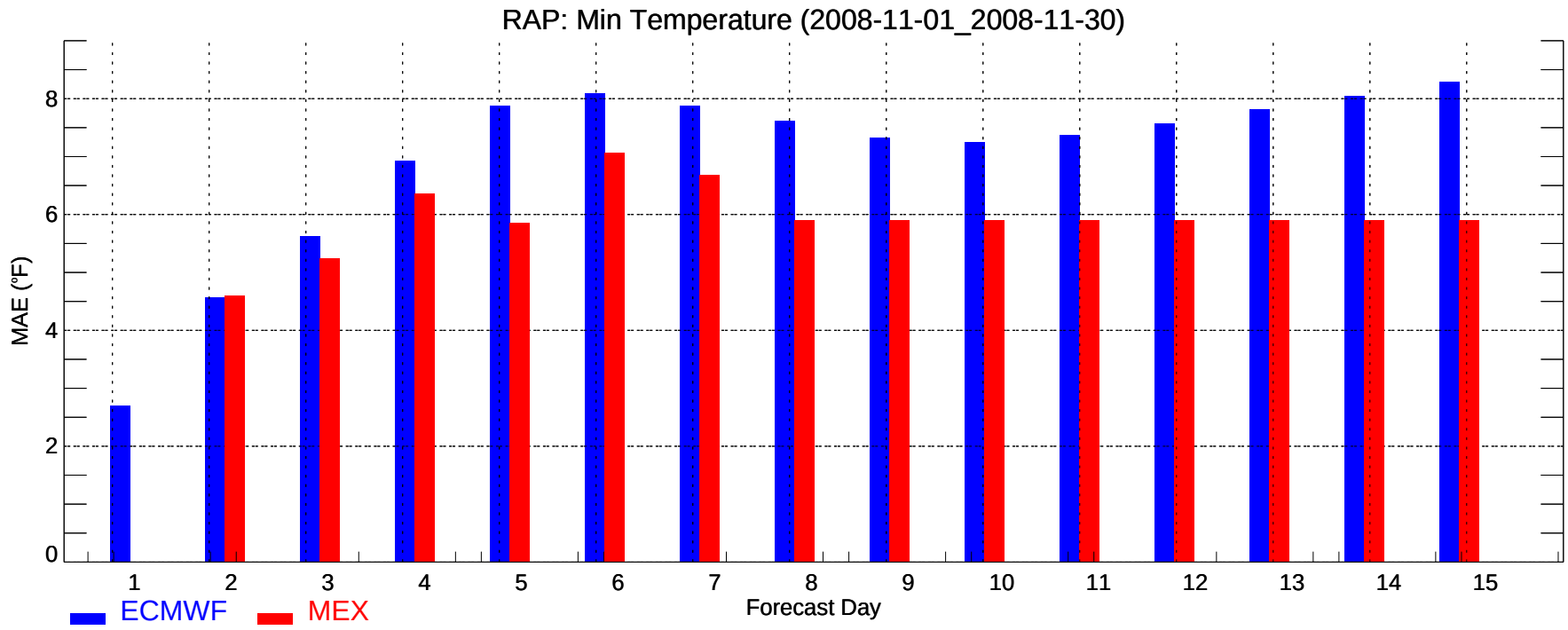
Forecast Day
ECMWF
MEX


RAP: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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5
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8
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14
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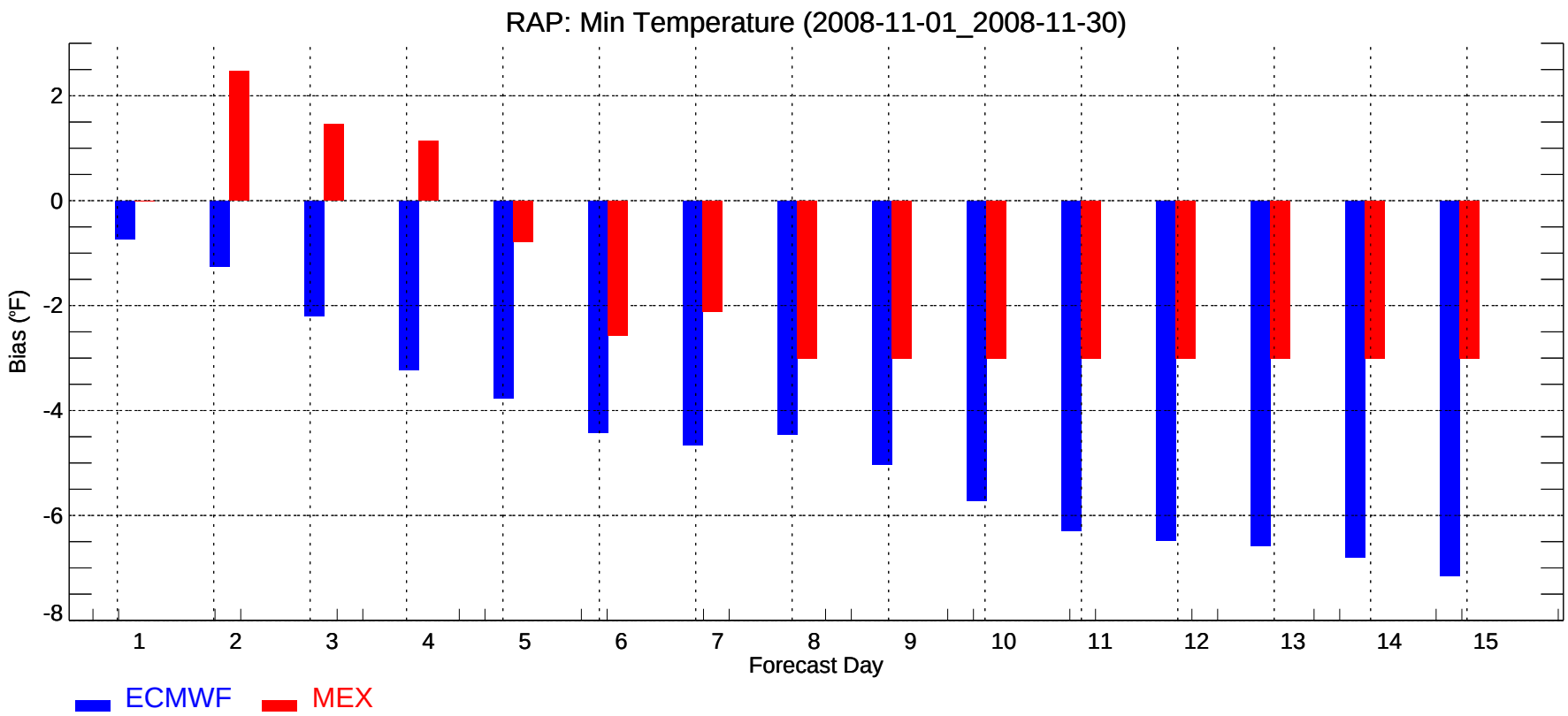
Forecast Day
ECMWF
MEX


RAP: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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13
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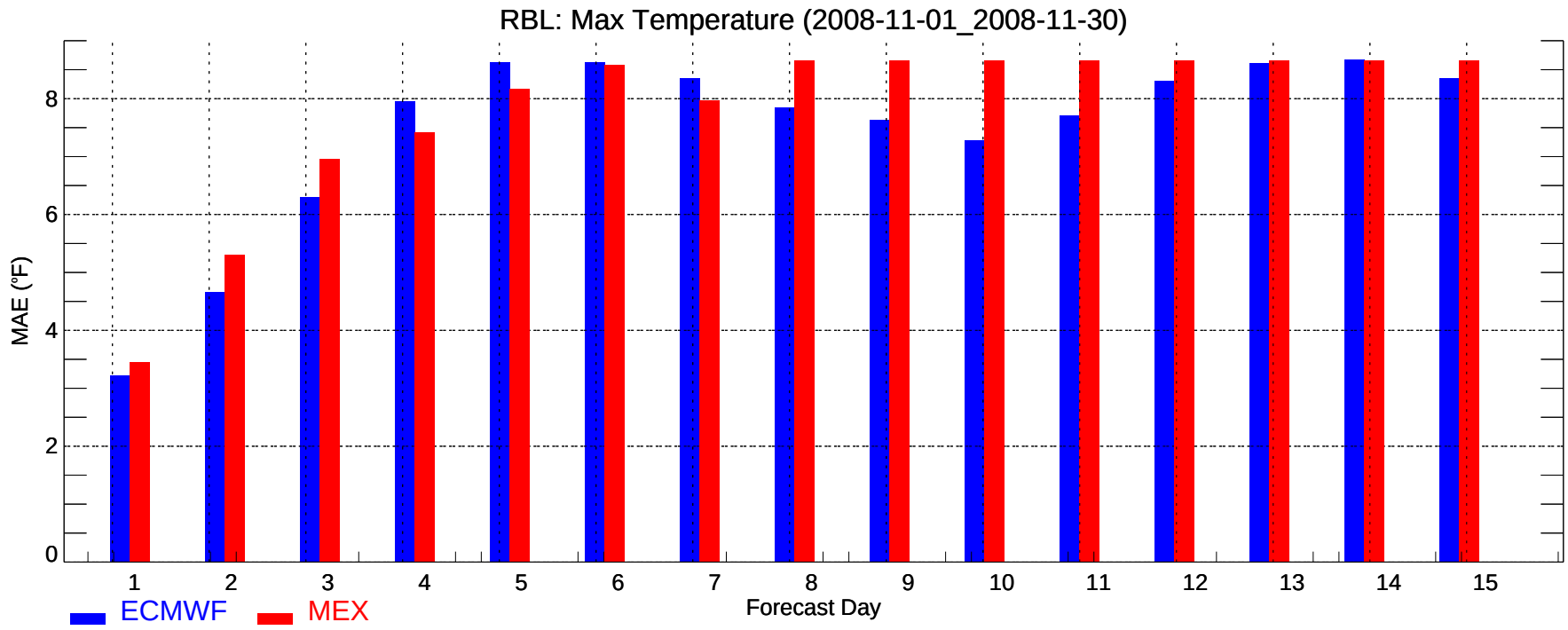
Forecast Day
ECMWF
MEX


RBL: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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2
4
6
8
1
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6
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8
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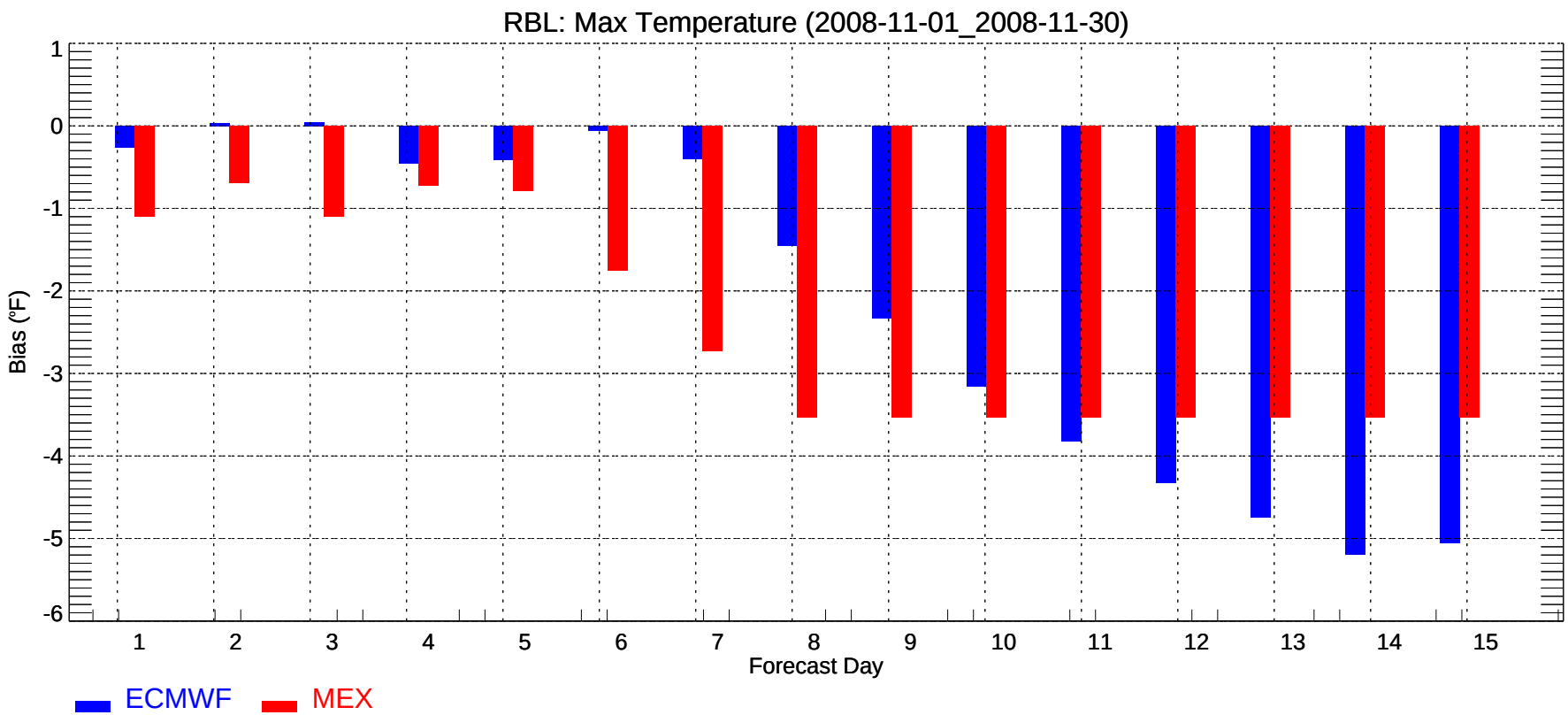
13
14
15
Forecast Day
ECMWF
MEX


RBL: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
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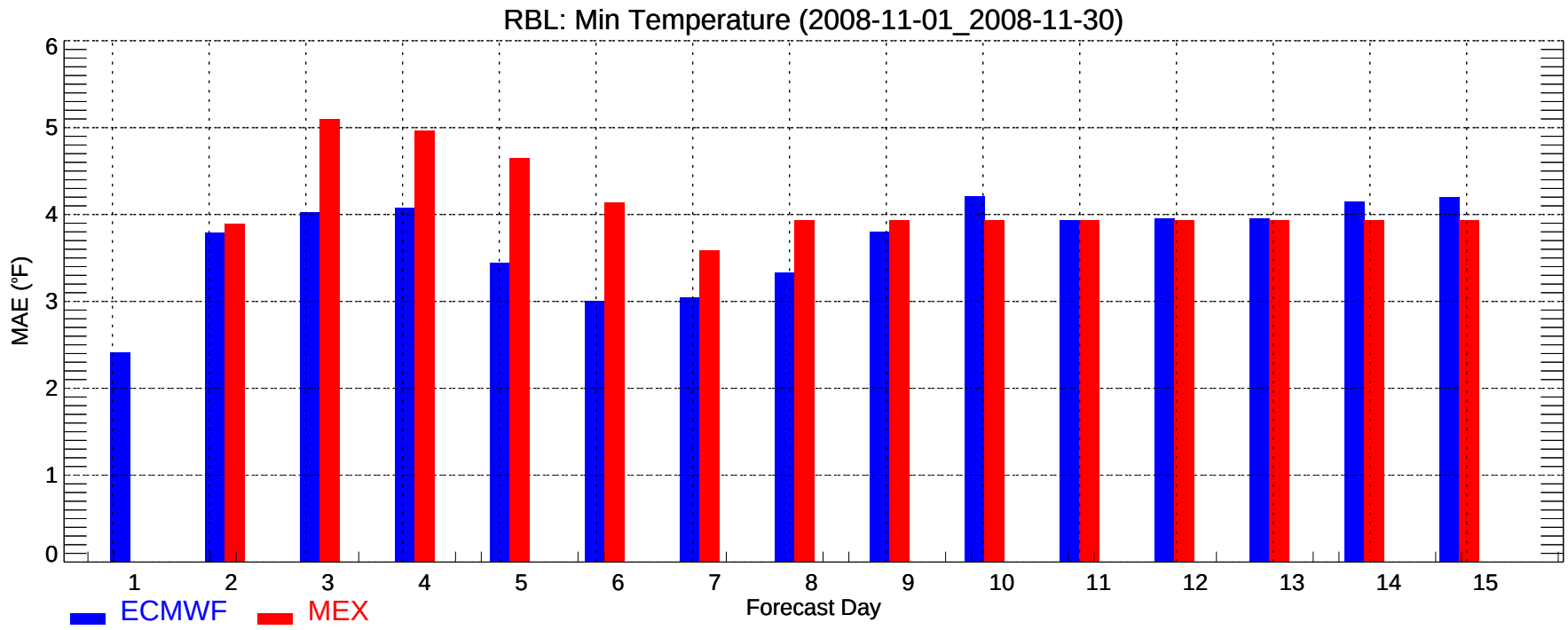
11
12
13
14
15
Forecast Day
ECMWF
MEX


RBL: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
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6
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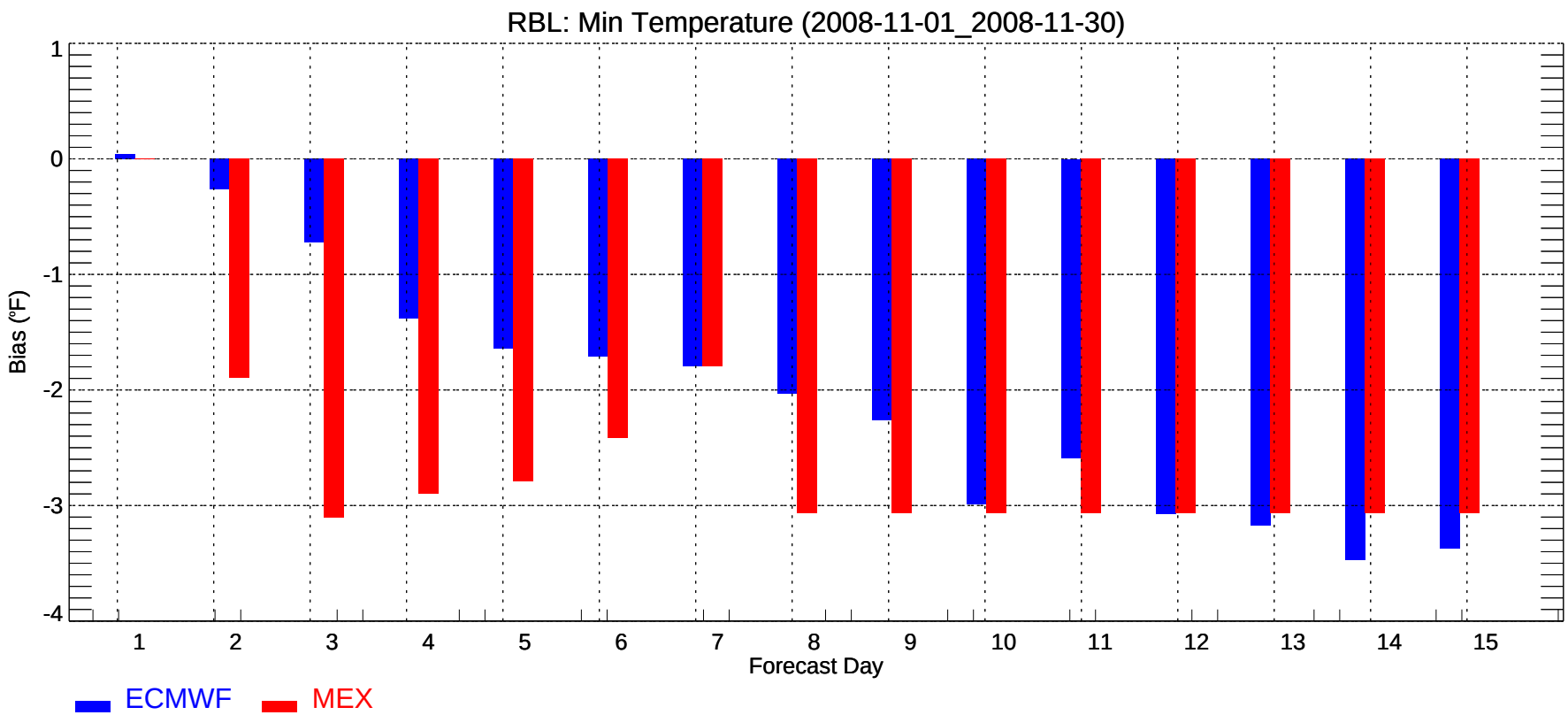
Forecast Day
ECMWF
MEX


RBL: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
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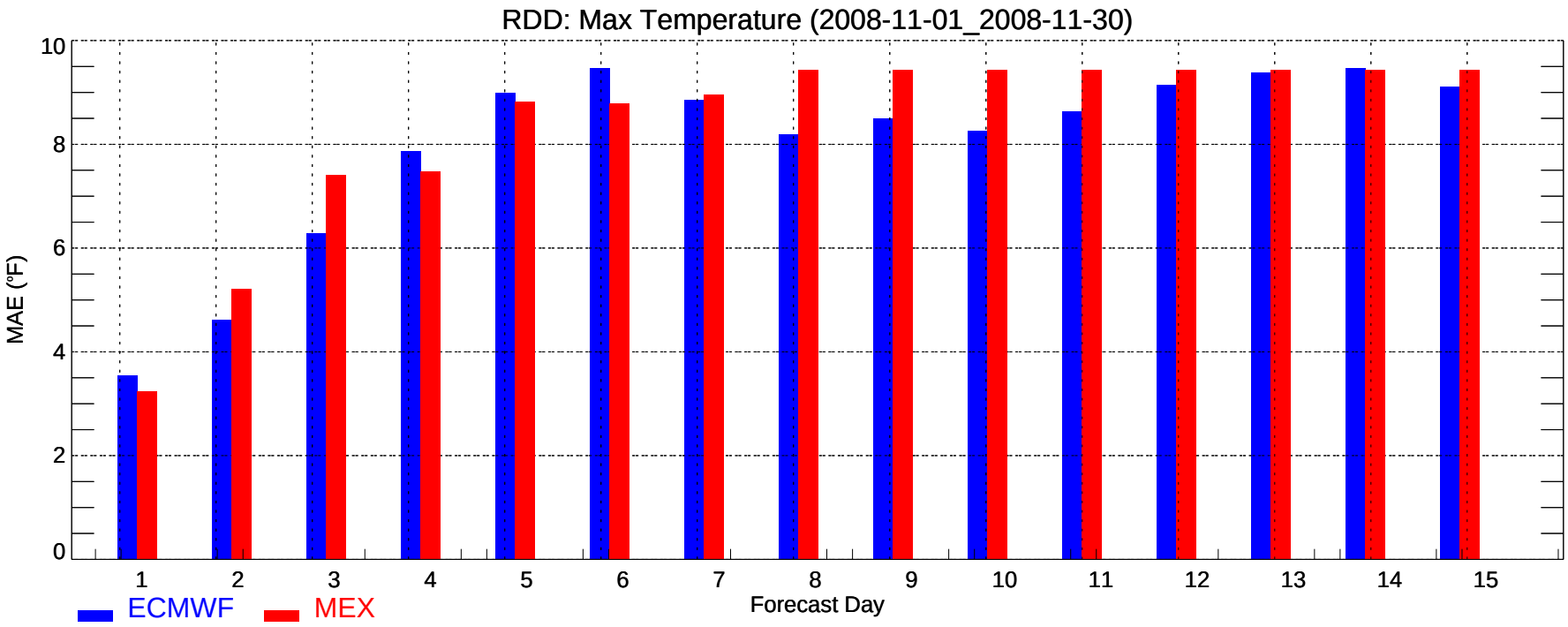
Forecast Day
ECMWF
MEX


RDD: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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6
7
8
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10
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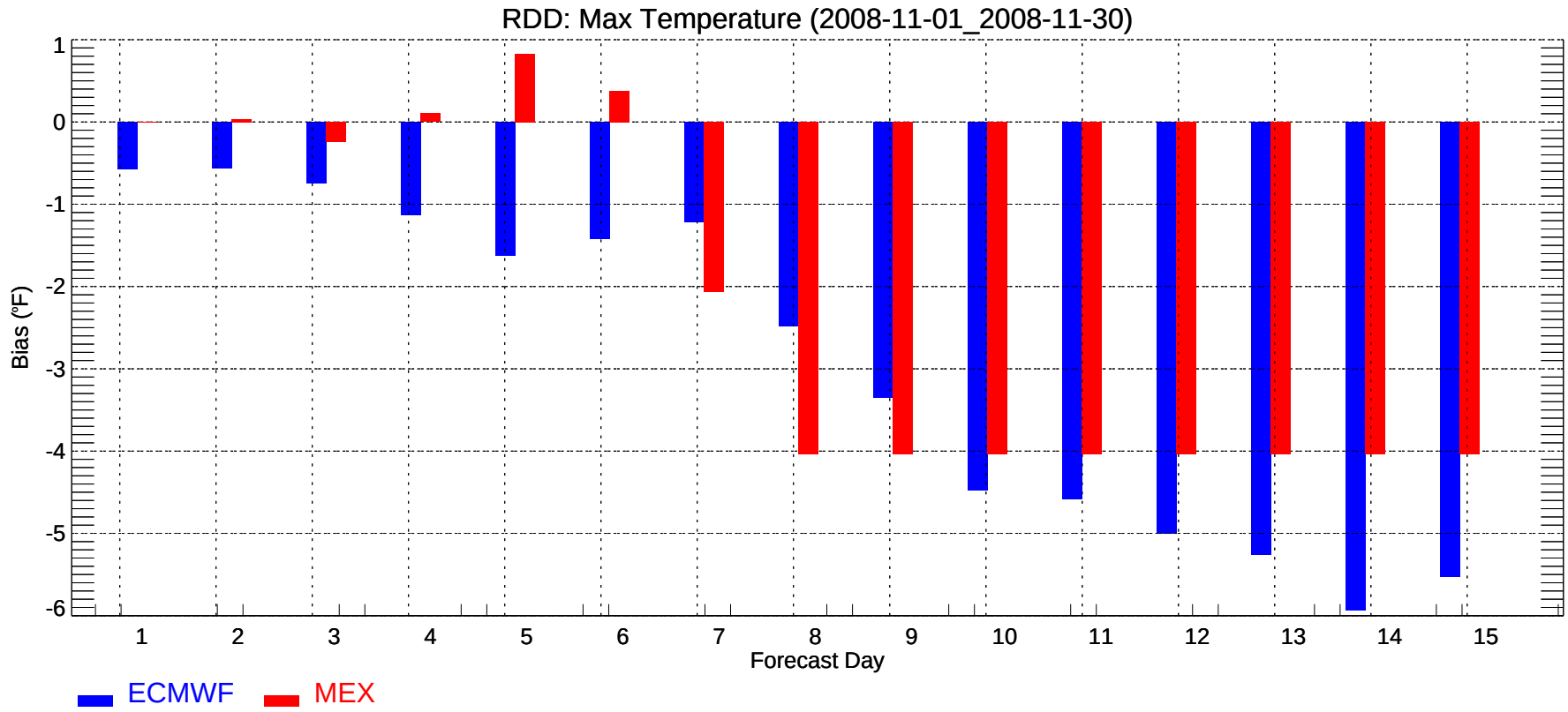
12
13
14
15
Forecast Day
ECMWF
MEX


RDD: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
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14
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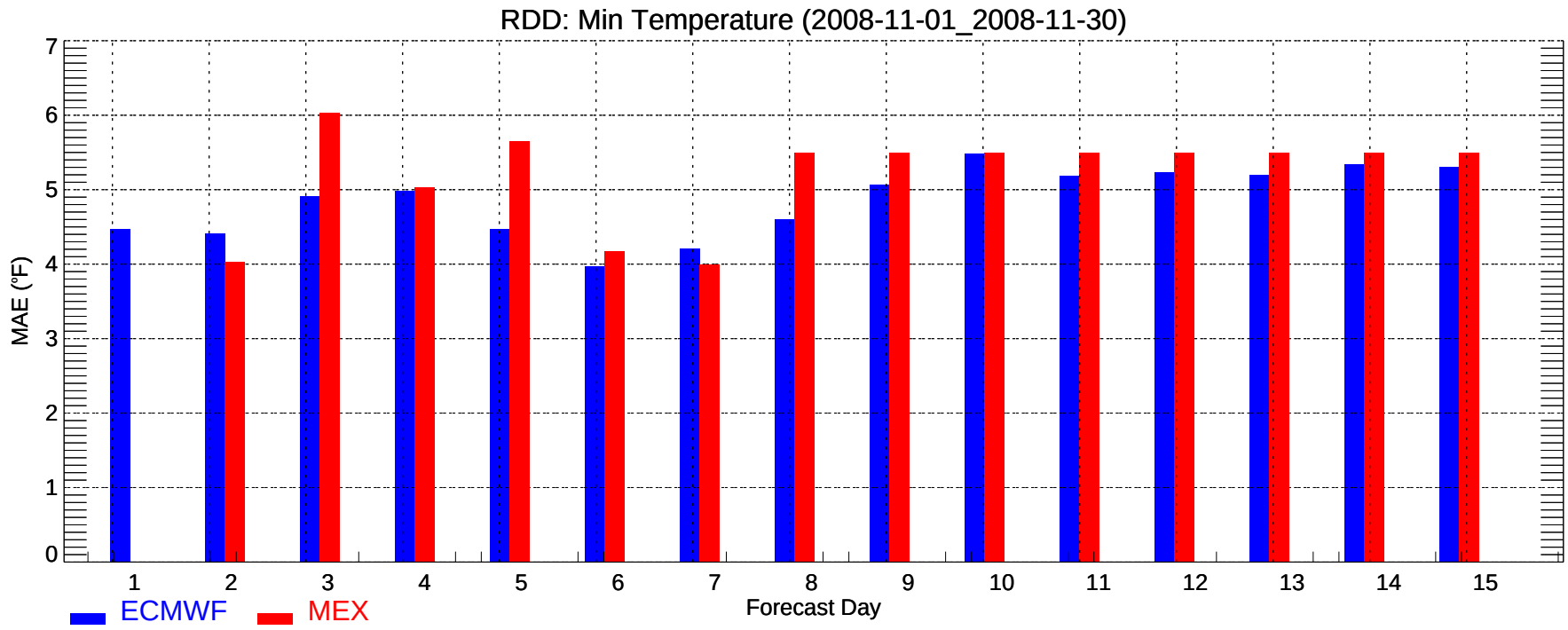
Forecast Day
ECMWF
MEX


RDD: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
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5
6
7
1
2
3
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5
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13
14
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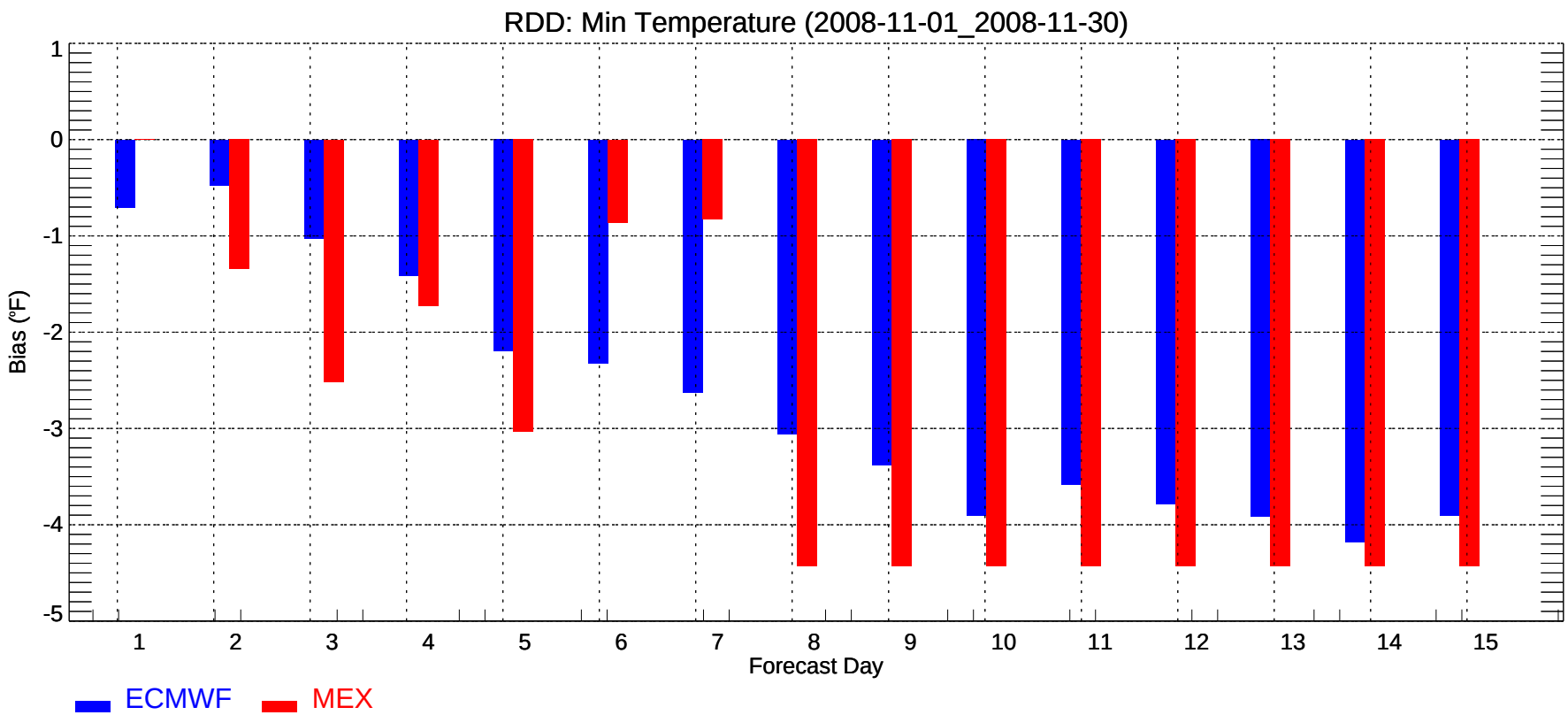
Forecast Day
ECMWF
MEX


RDD: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
1
2
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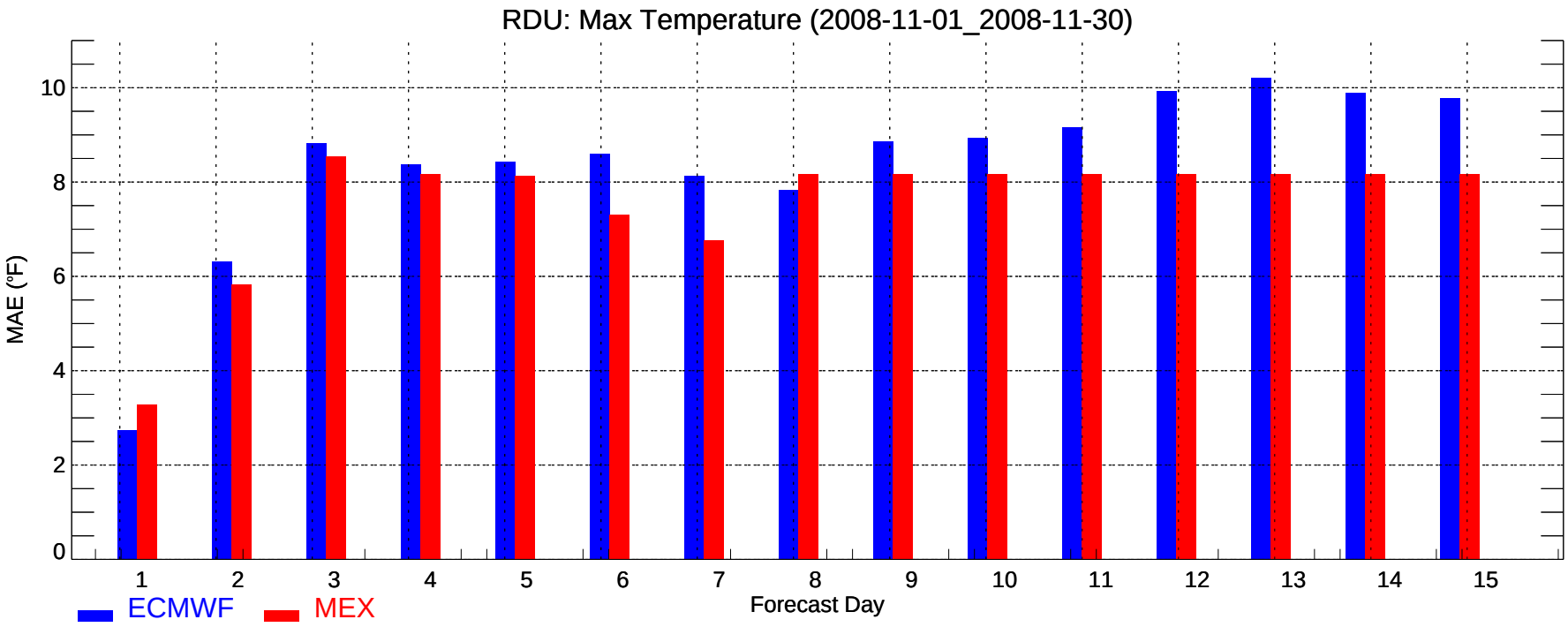
Forecast Day
ECMWF
MEX


RDU: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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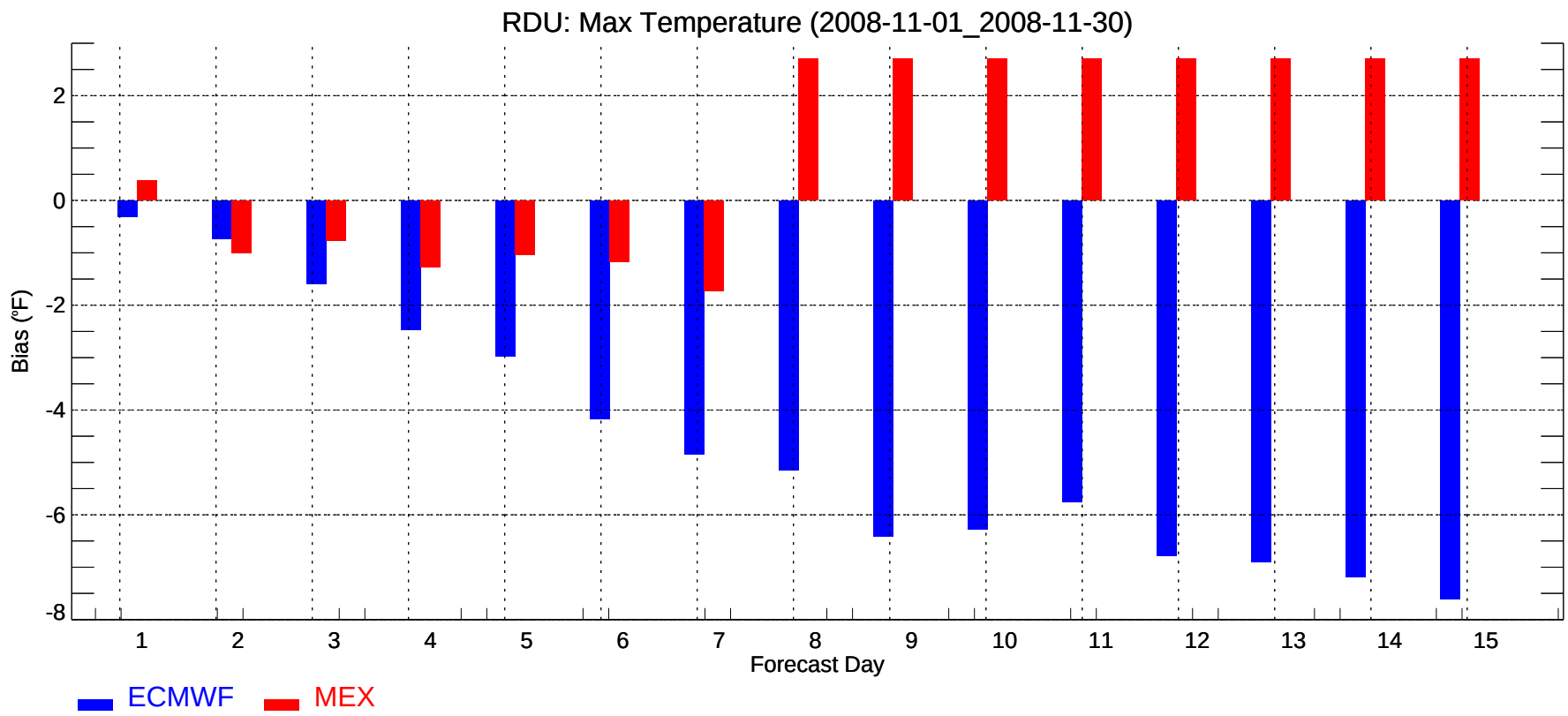
Forecast Day
ECMWF
MEX


RDU: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
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-2
-4
-6
-8
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2
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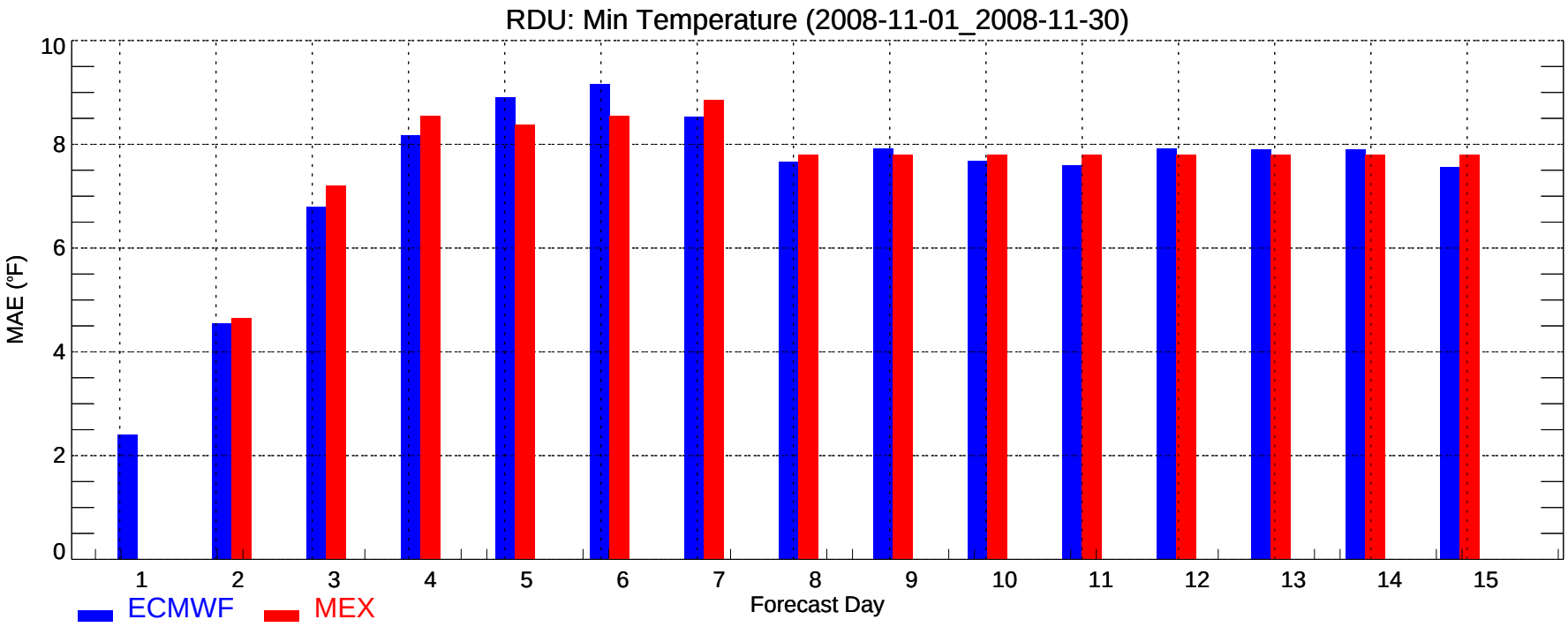
Forecast Day
ECMWF
MEX


RDU: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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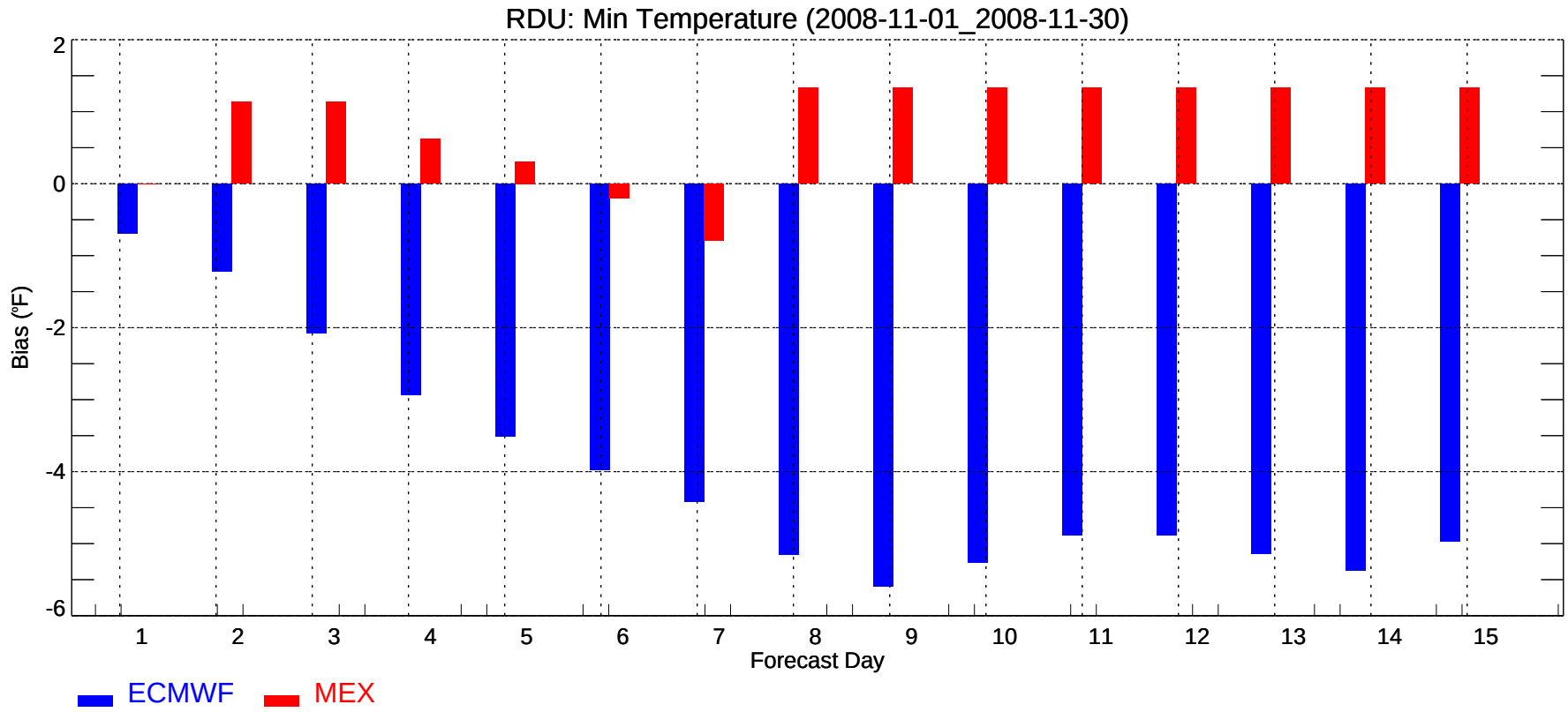
Forecast Day
ECMWF
MEX


RDU: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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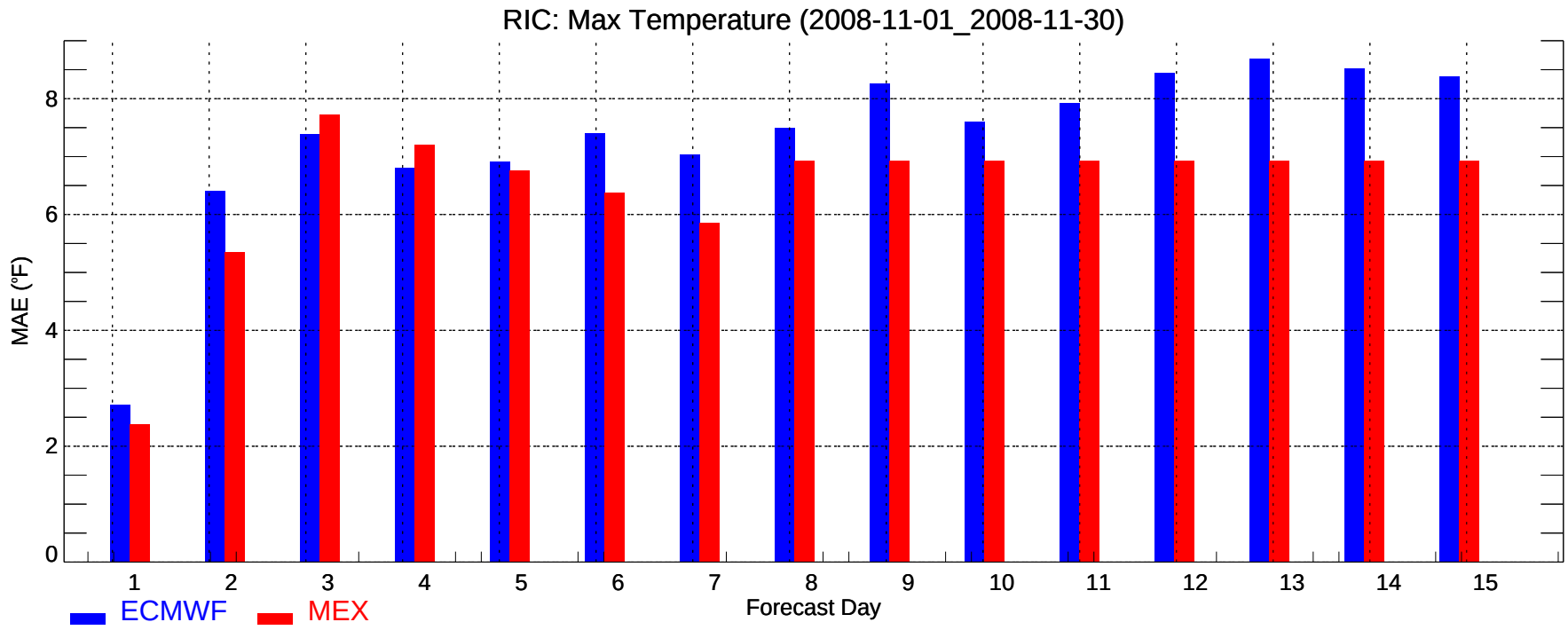
Forecast Day
ECMWF
MEX


RIC: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
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6
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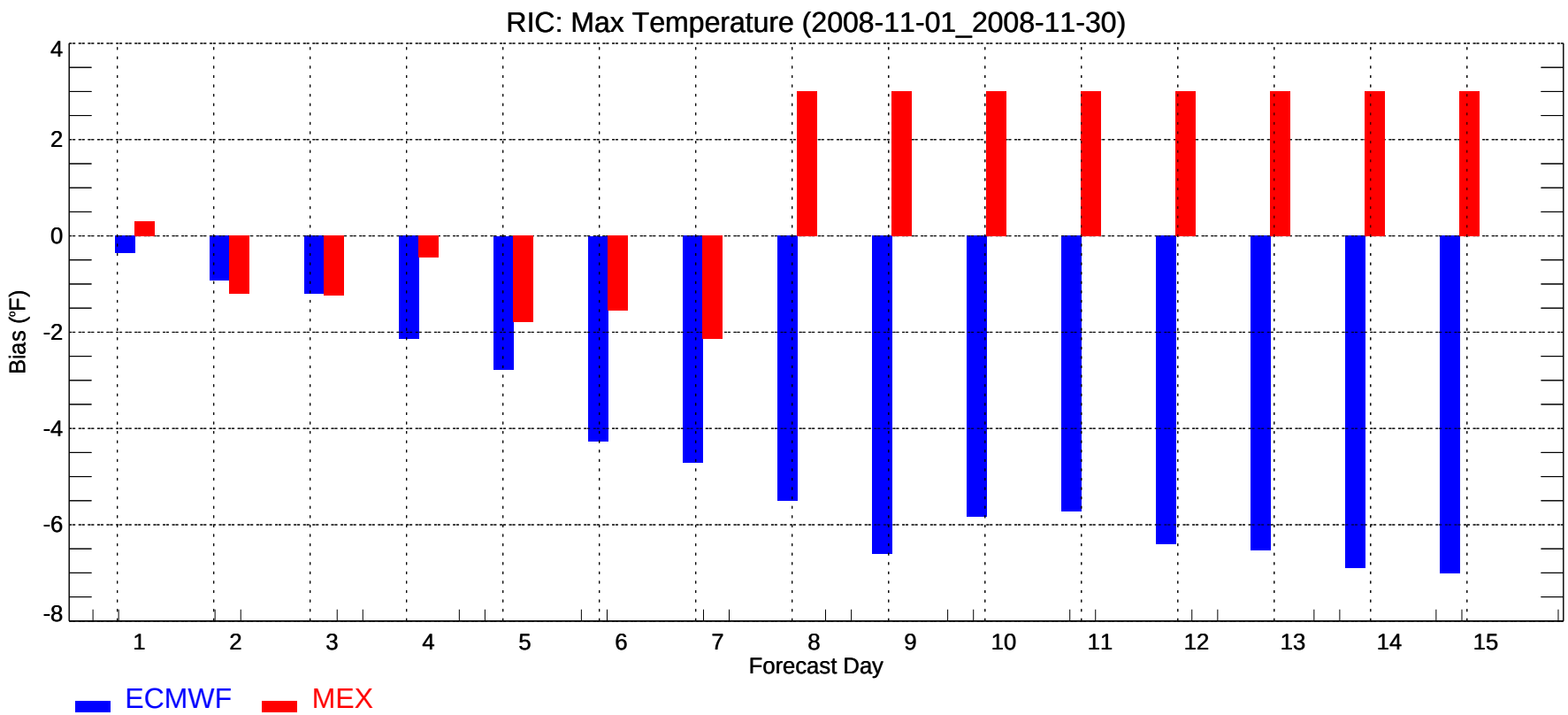
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


RIC: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
1
2
3
4
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6
7
8
9
10
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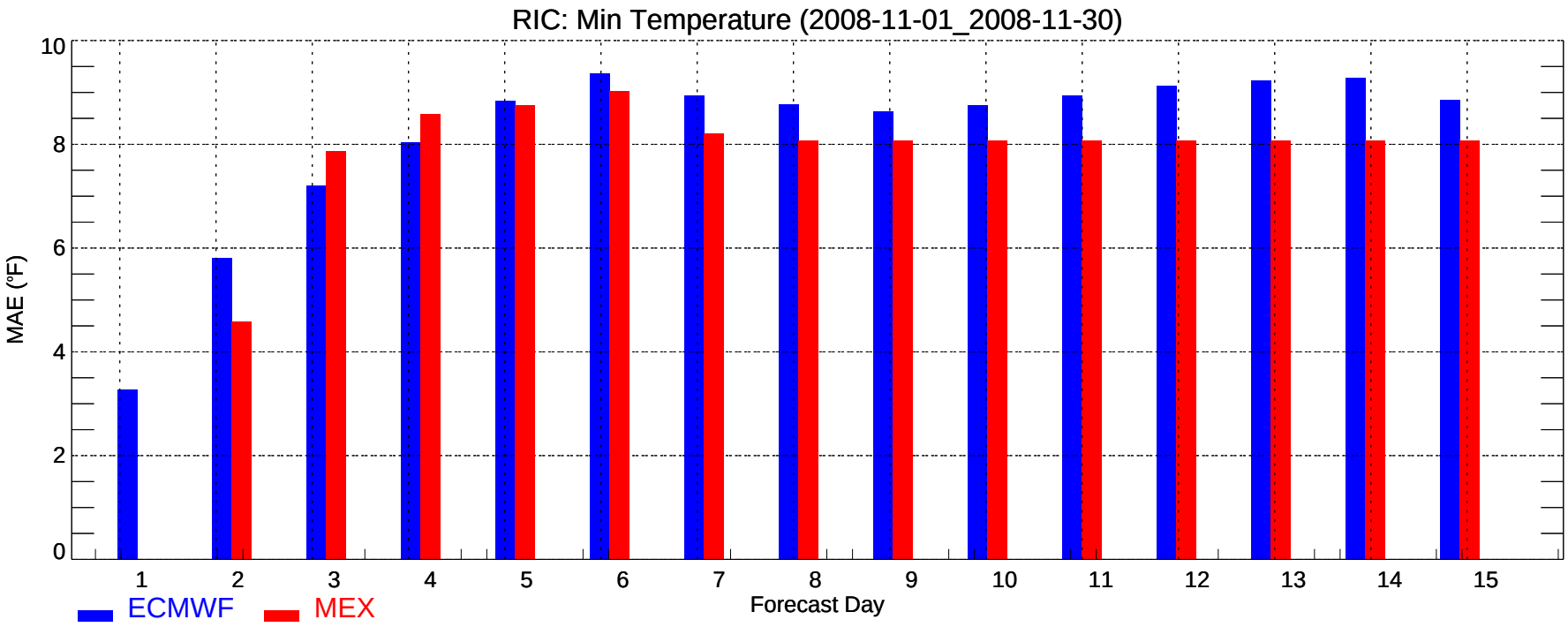
12
13
14
15
Forecast Day
ECMWF
MEX


RIC: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
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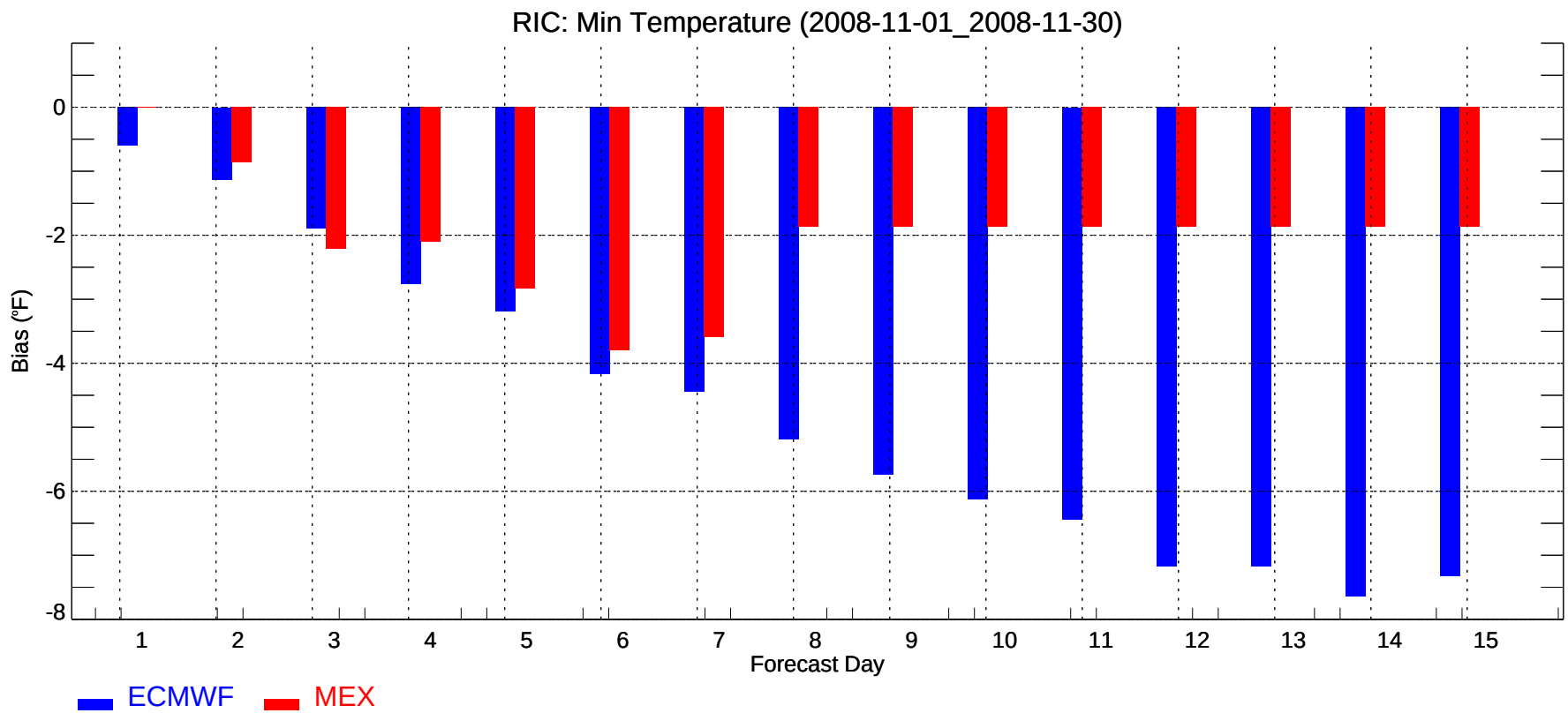
Forecast Day
ECMWF
MEX


RIC: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
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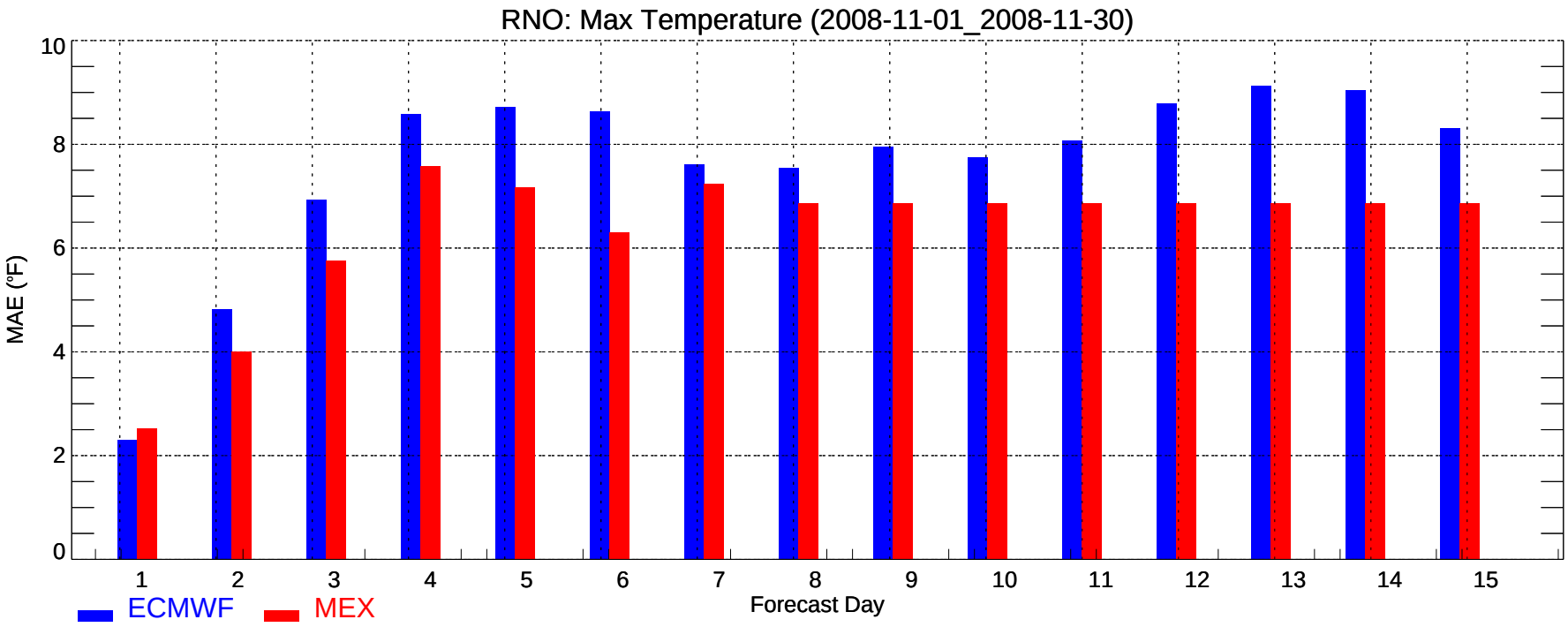
Forecast Day
ECMWF
MEX


RNO: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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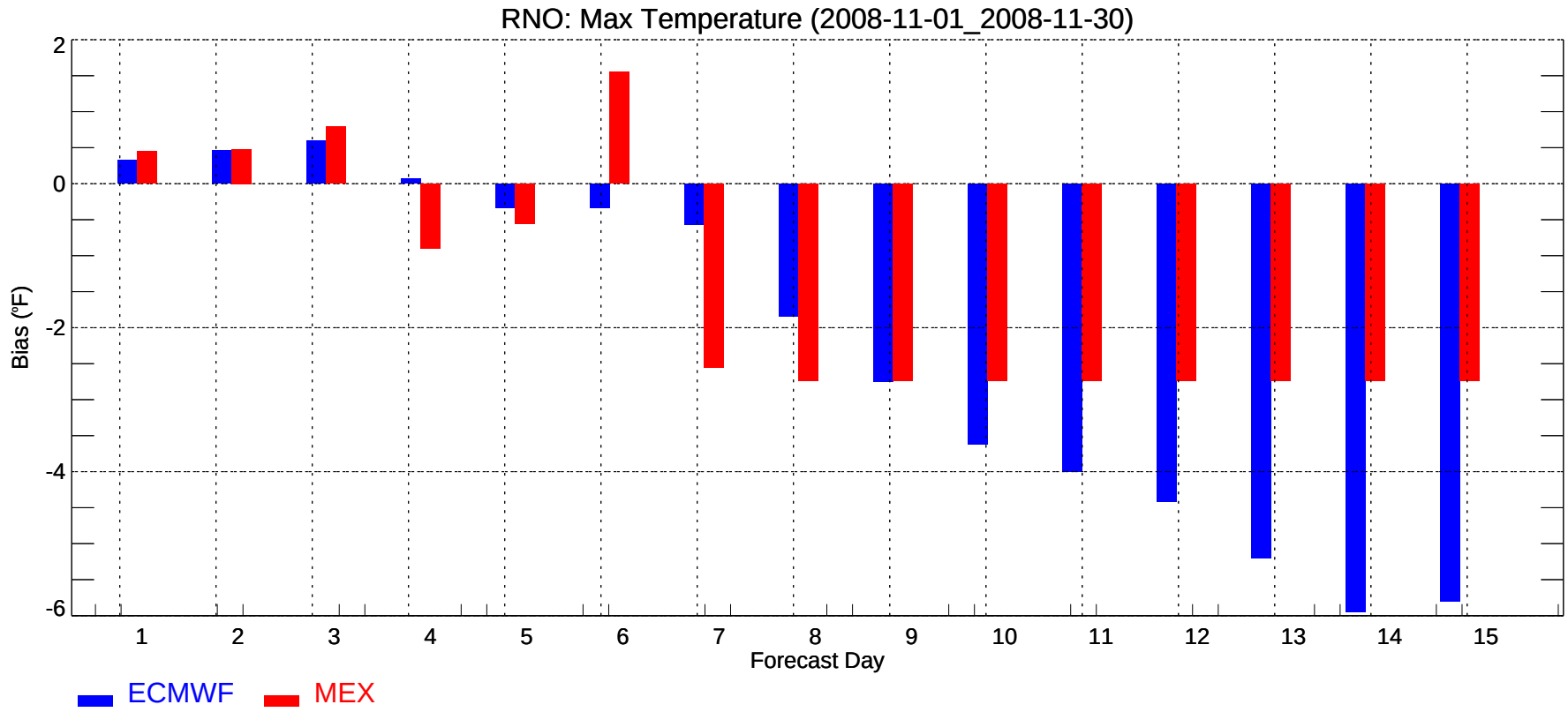
Forecast Day
ECMWF
MEX


RNO: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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0
-2
-4
-6
1
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13
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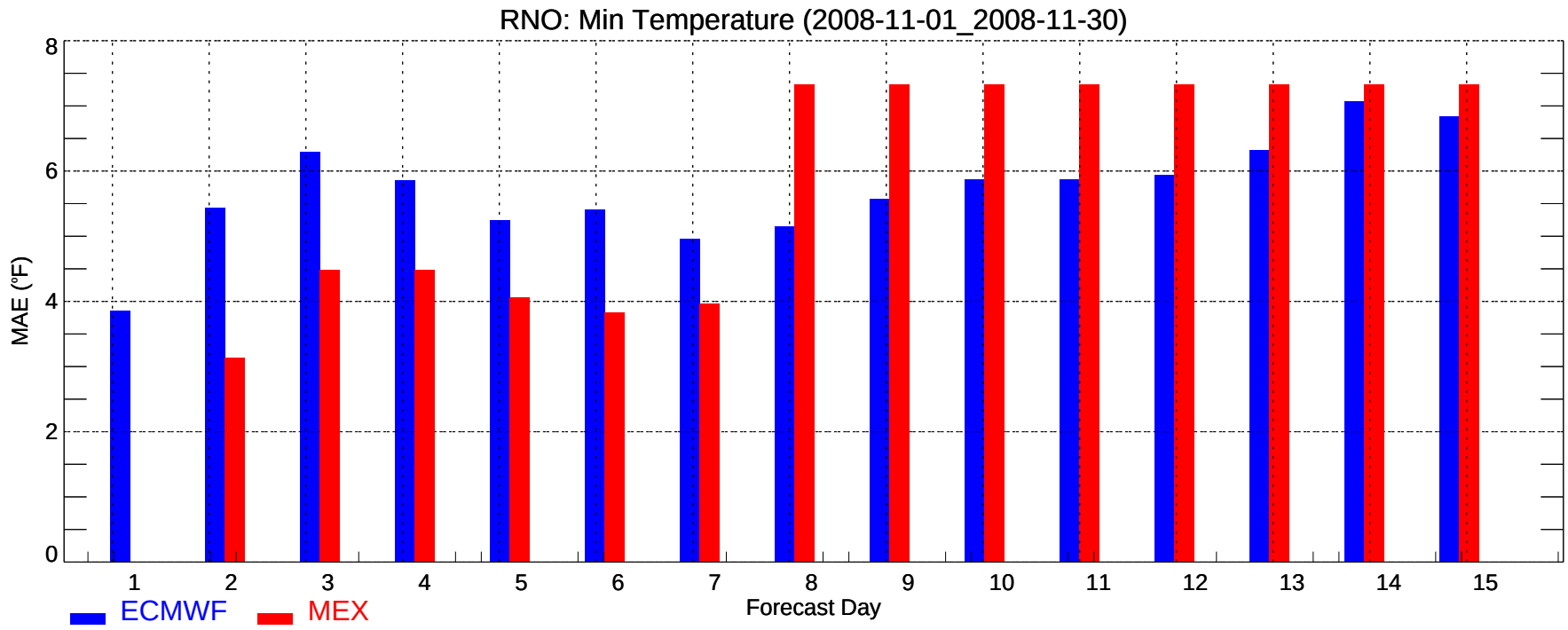
Forecast Day
ECMWF
MEX


RNO: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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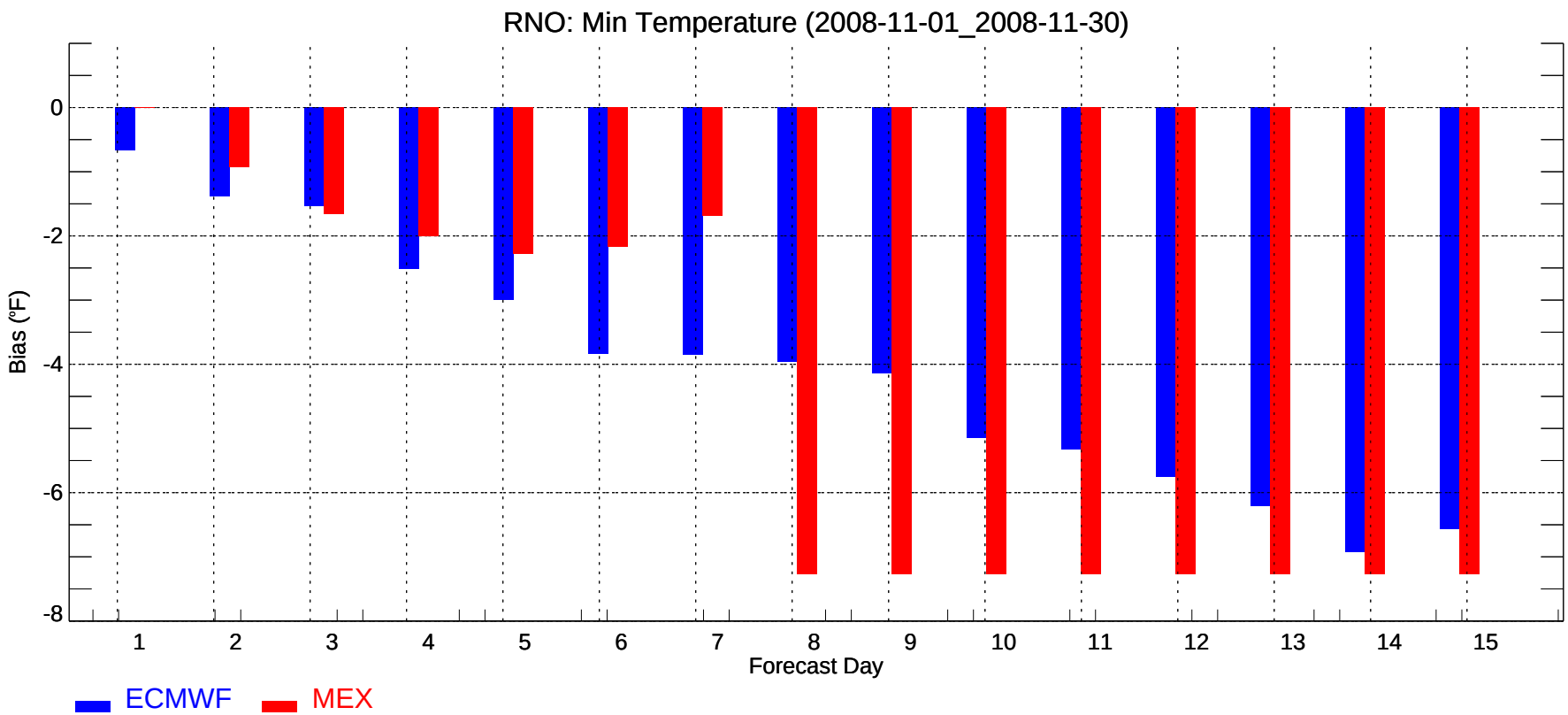
Forecast Day
ECMWF
MEX


RNO: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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-2
-4
-6
-8
1
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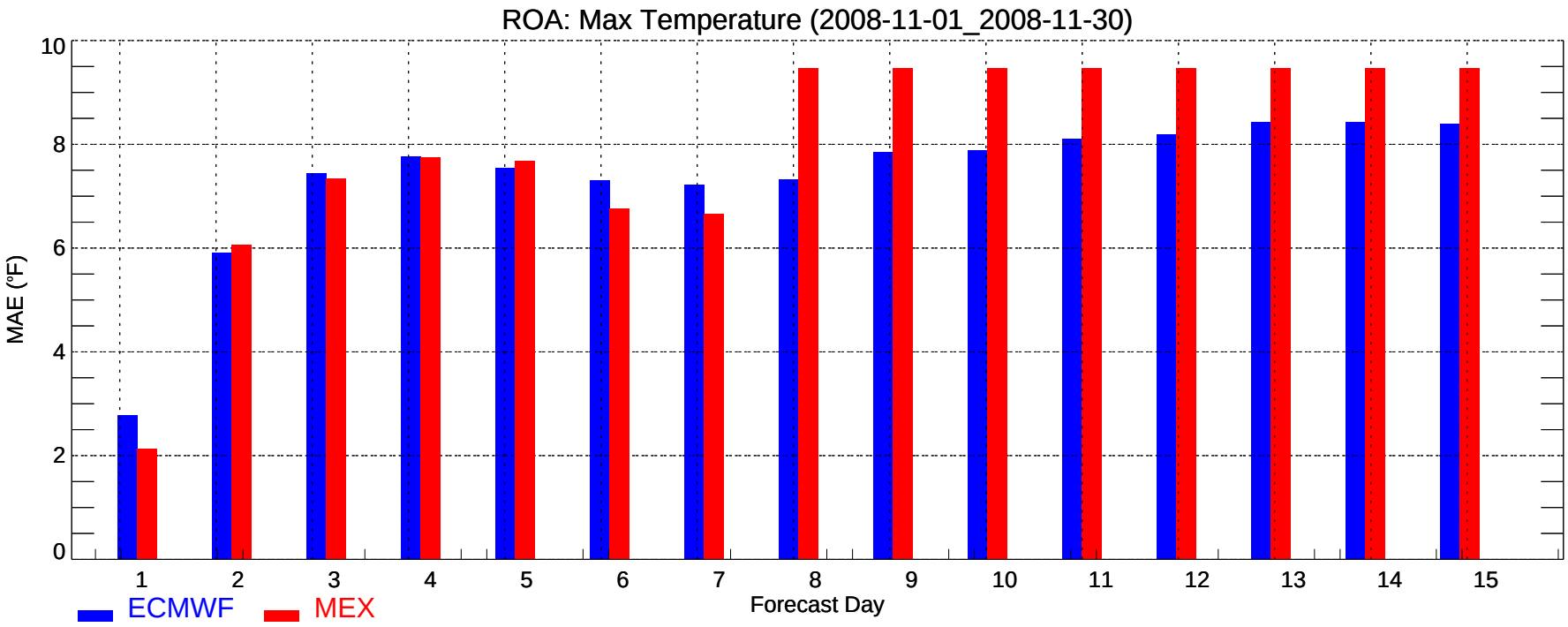
Forecast Day
ECMWF
MEX


ROA: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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2
4
6
8
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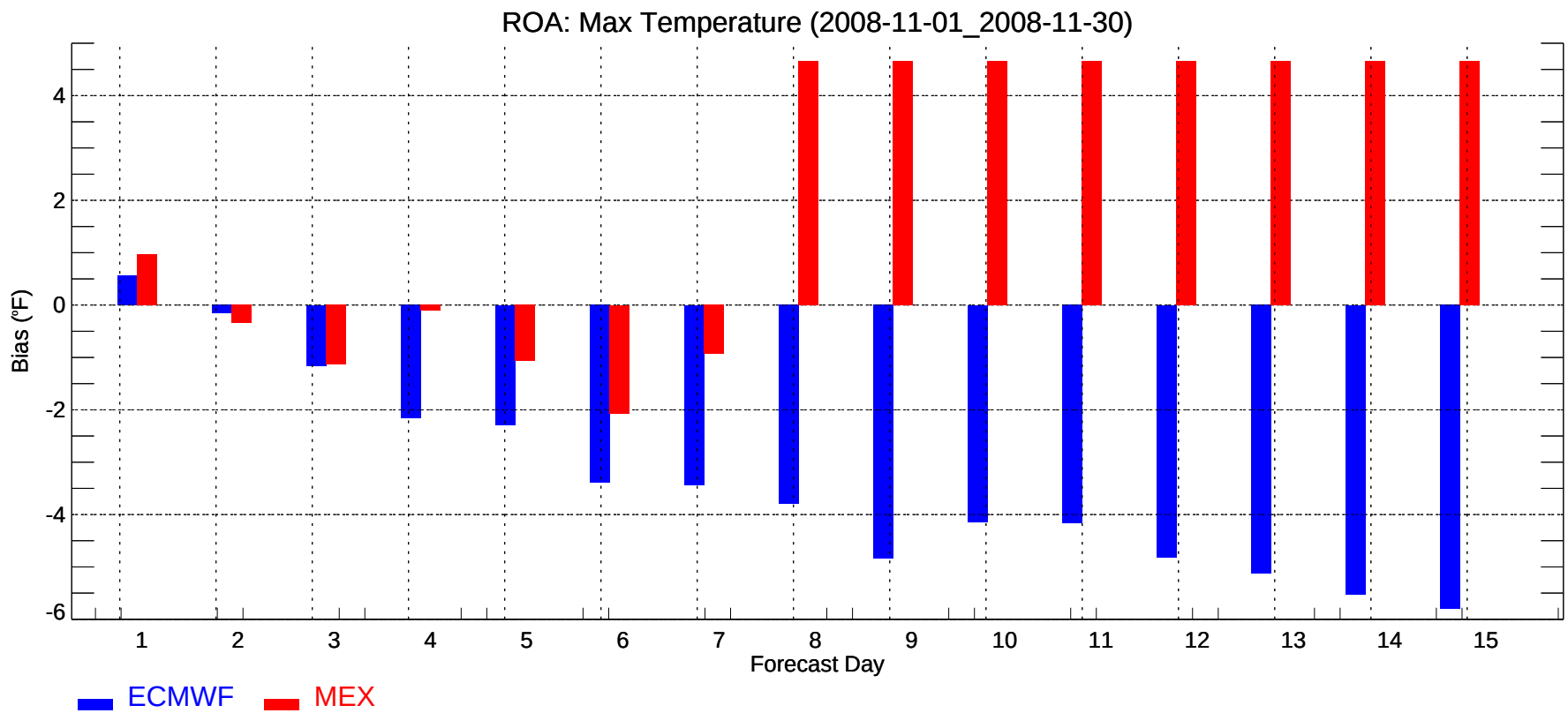
Forecast Day
ECMWF
MEX


ROA: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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0
-2
-4
-6
1
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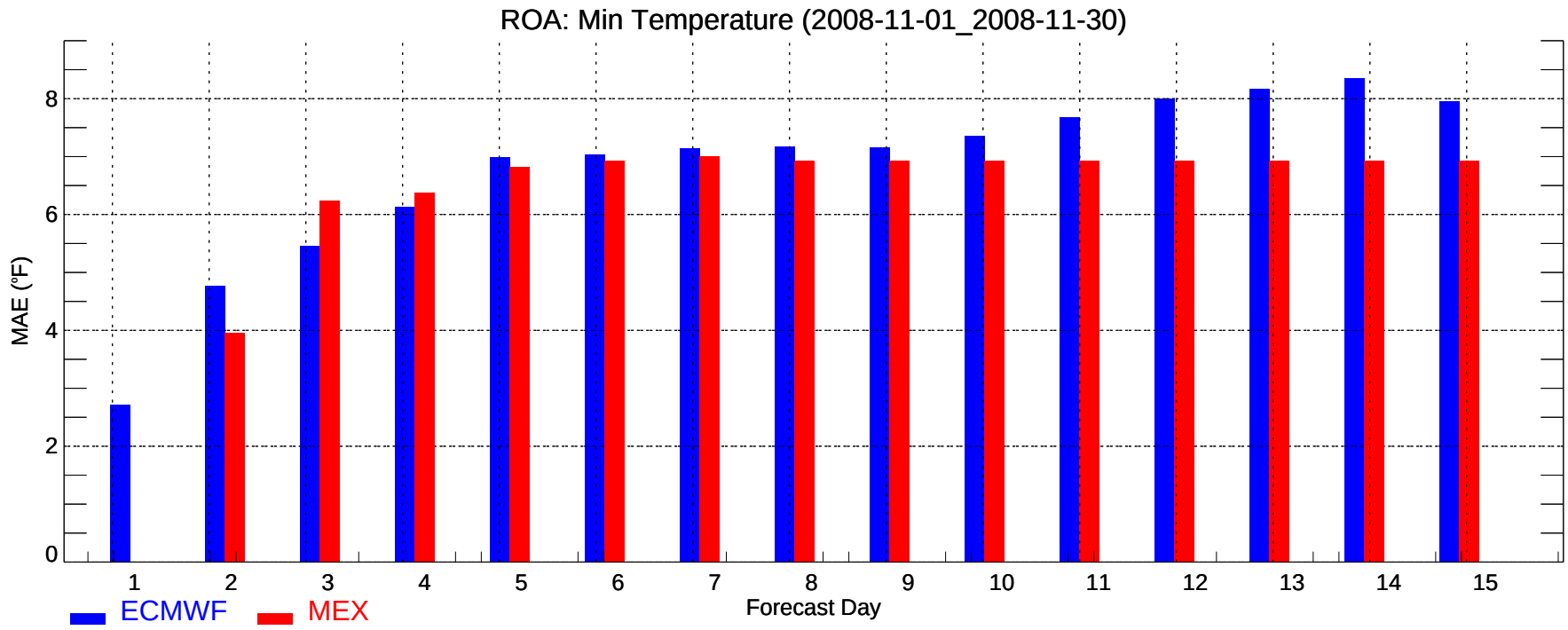
Forecast Day
ECMWF
MEX


ROA: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
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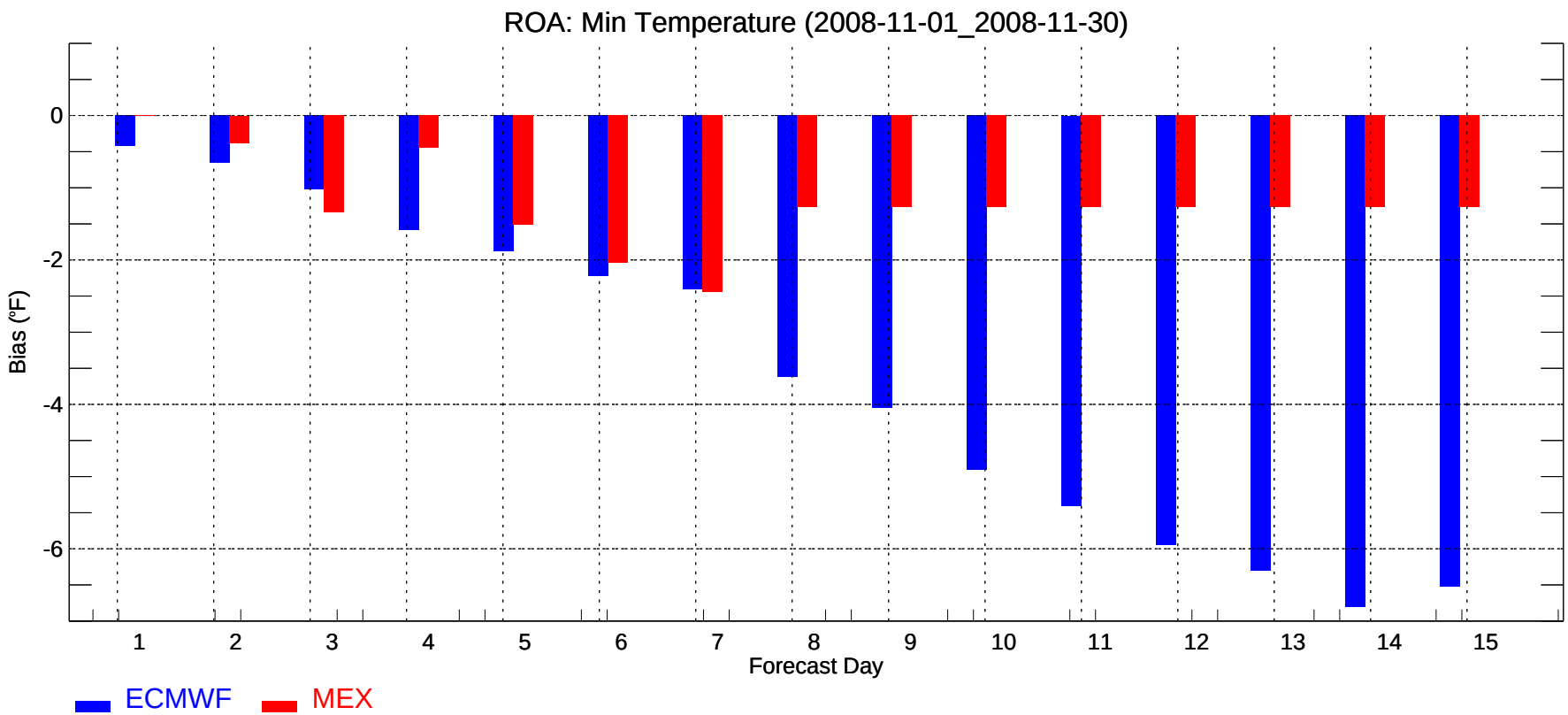
Forecast Day
ECMWF
MEX


ROA: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
1
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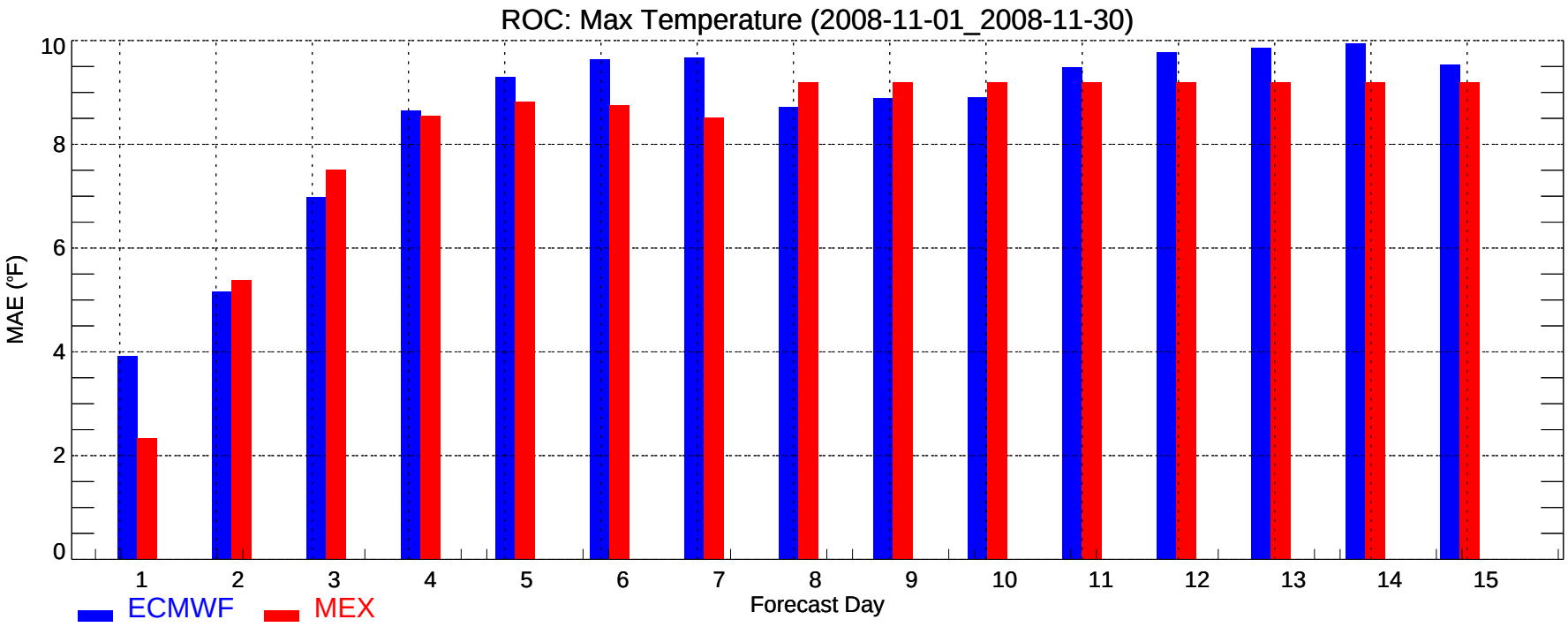
Forecast Day
ECMWF
MEX


ROC: Max Temperature (2008-11-01_2008-11-30)
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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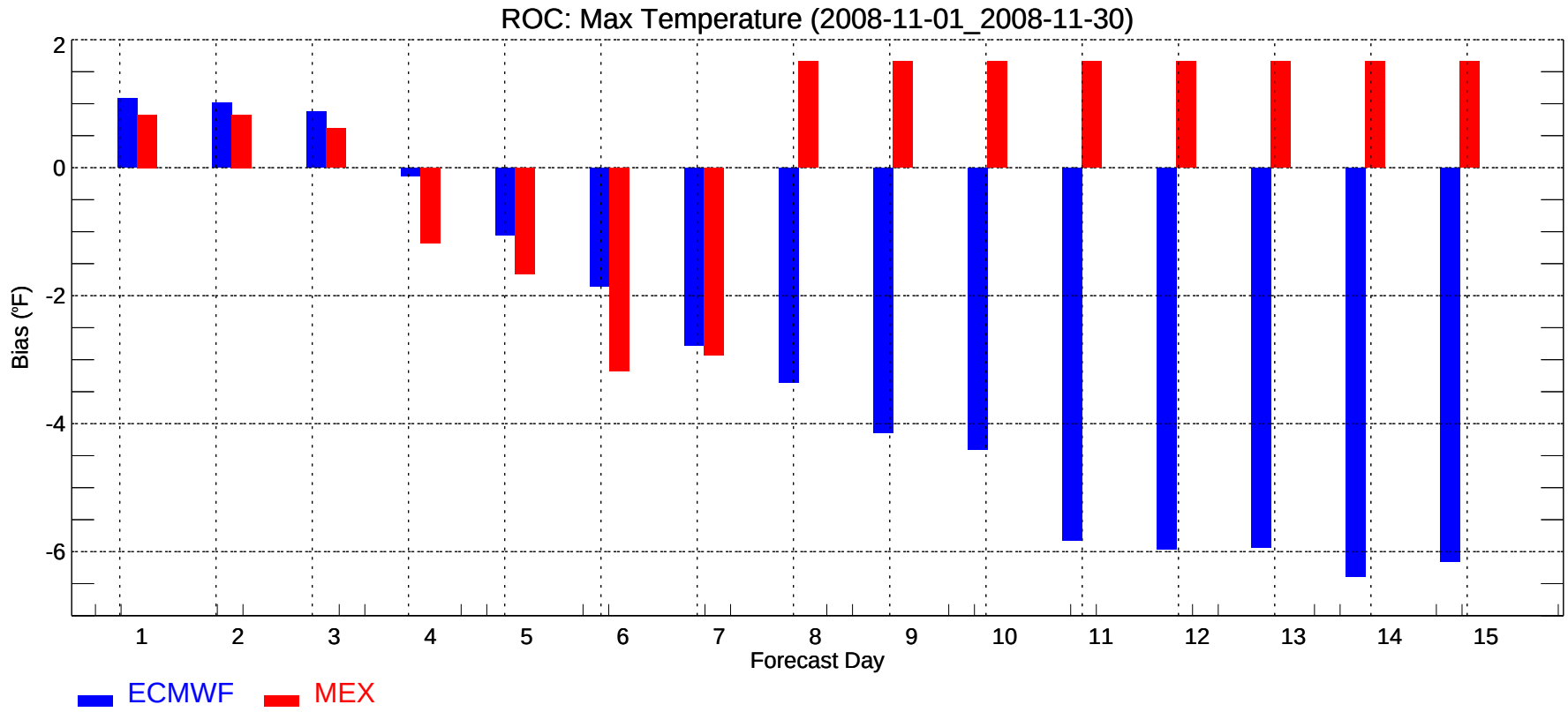
12
13
14
15
Forecast Day
ECMWF
MEX


ROC: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
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4
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6
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8
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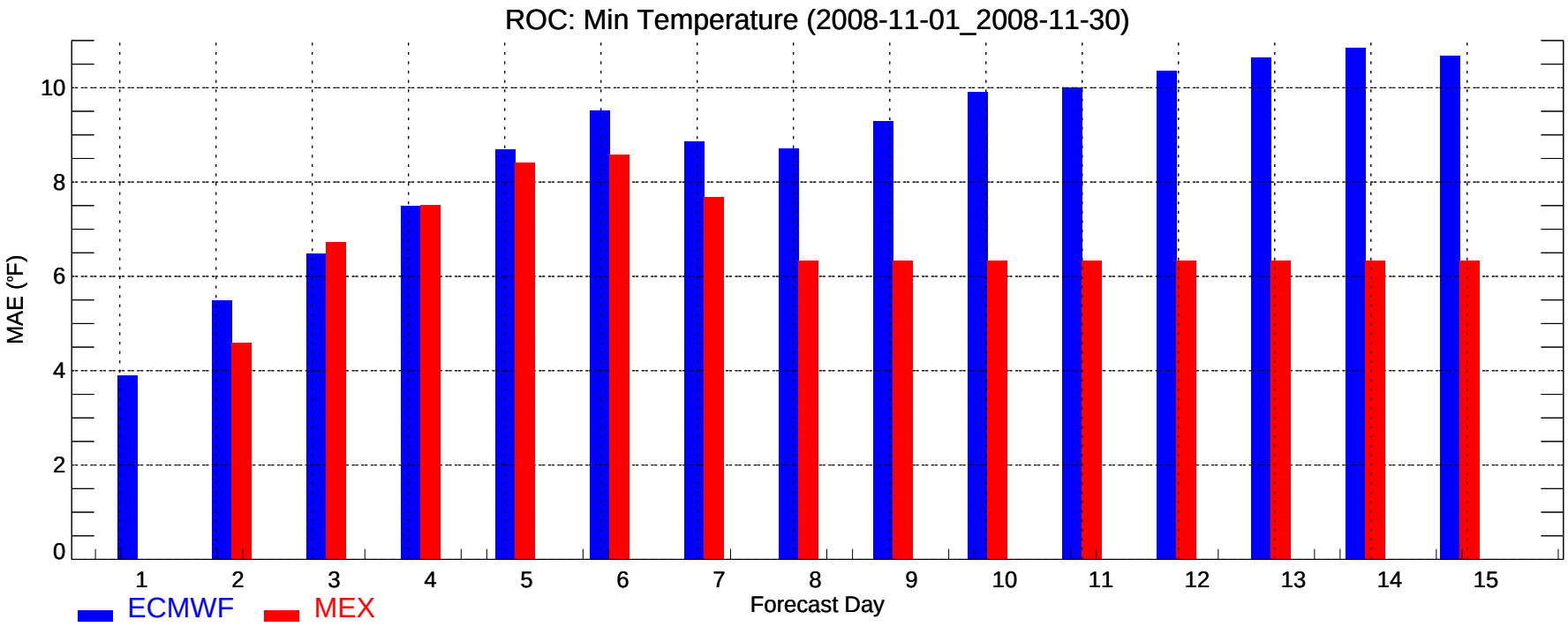
15
Forecast Day
ECMWF
MEX


ROC: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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1
2
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6
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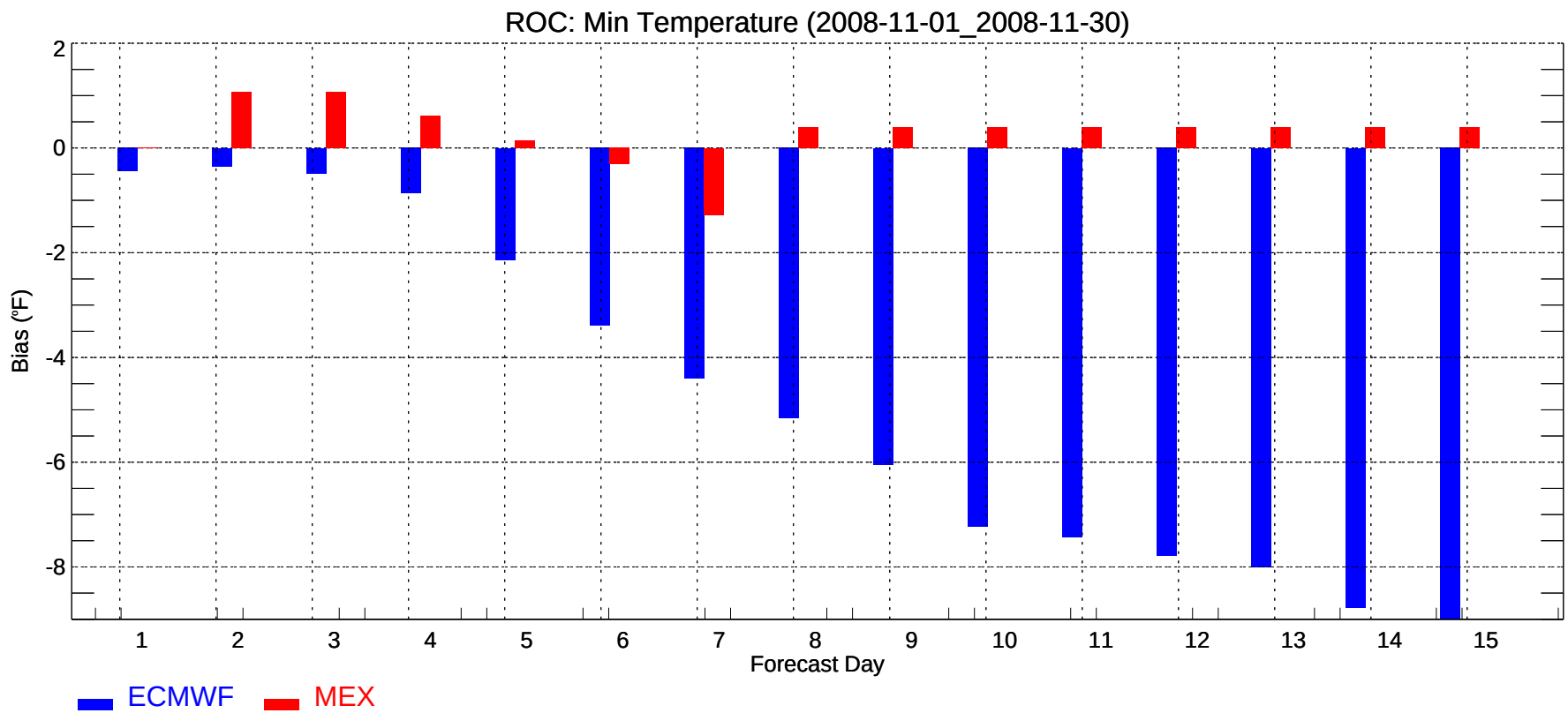
Forecast Day
ECMWF
MEX


ROC: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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14
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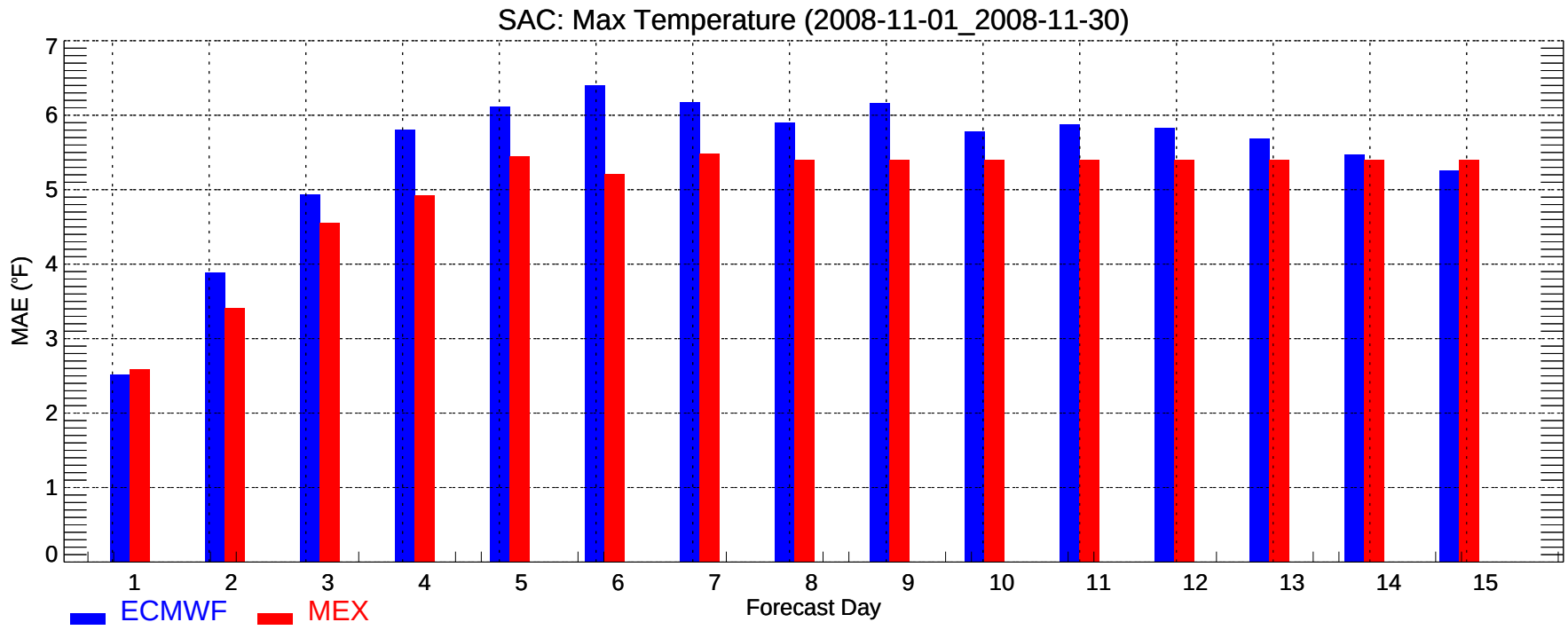
Forecast Day
ECMWF
MEX


SAC: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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6
7
1
2
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4
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8
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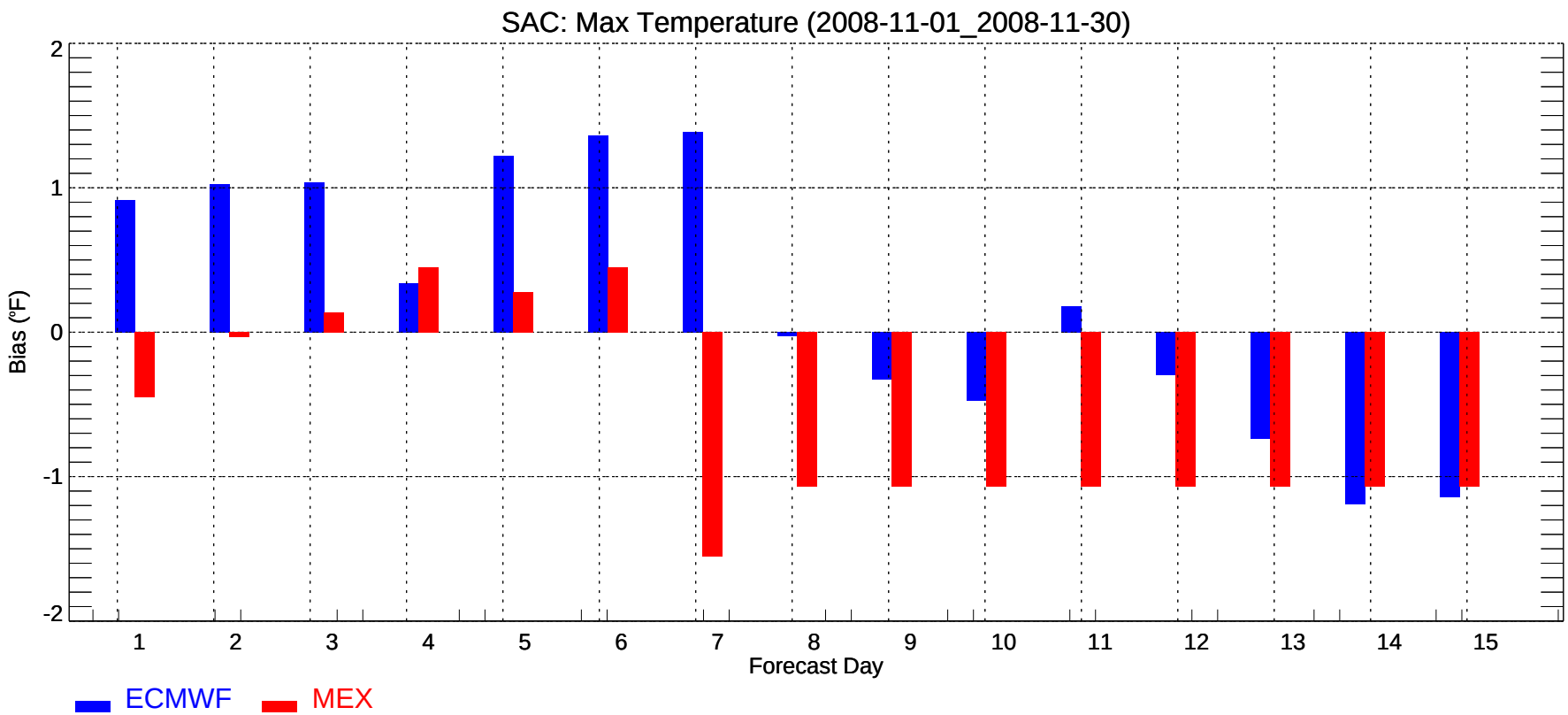
12
13
14
15
Forecast Day
ECMWF
MEX


SAC: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
1
0
-1
-2
1
2
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6
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14
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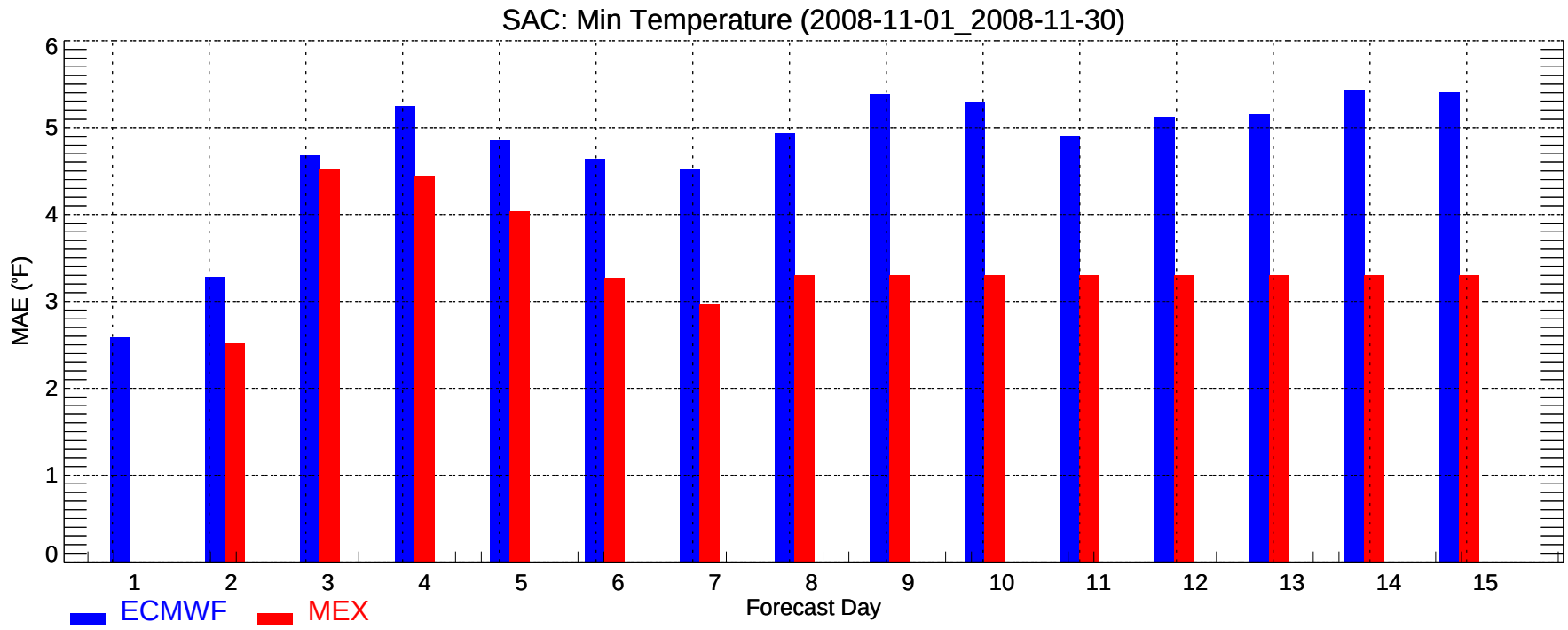
Forecast Day
ECMWF
MEX


SAC: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
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6
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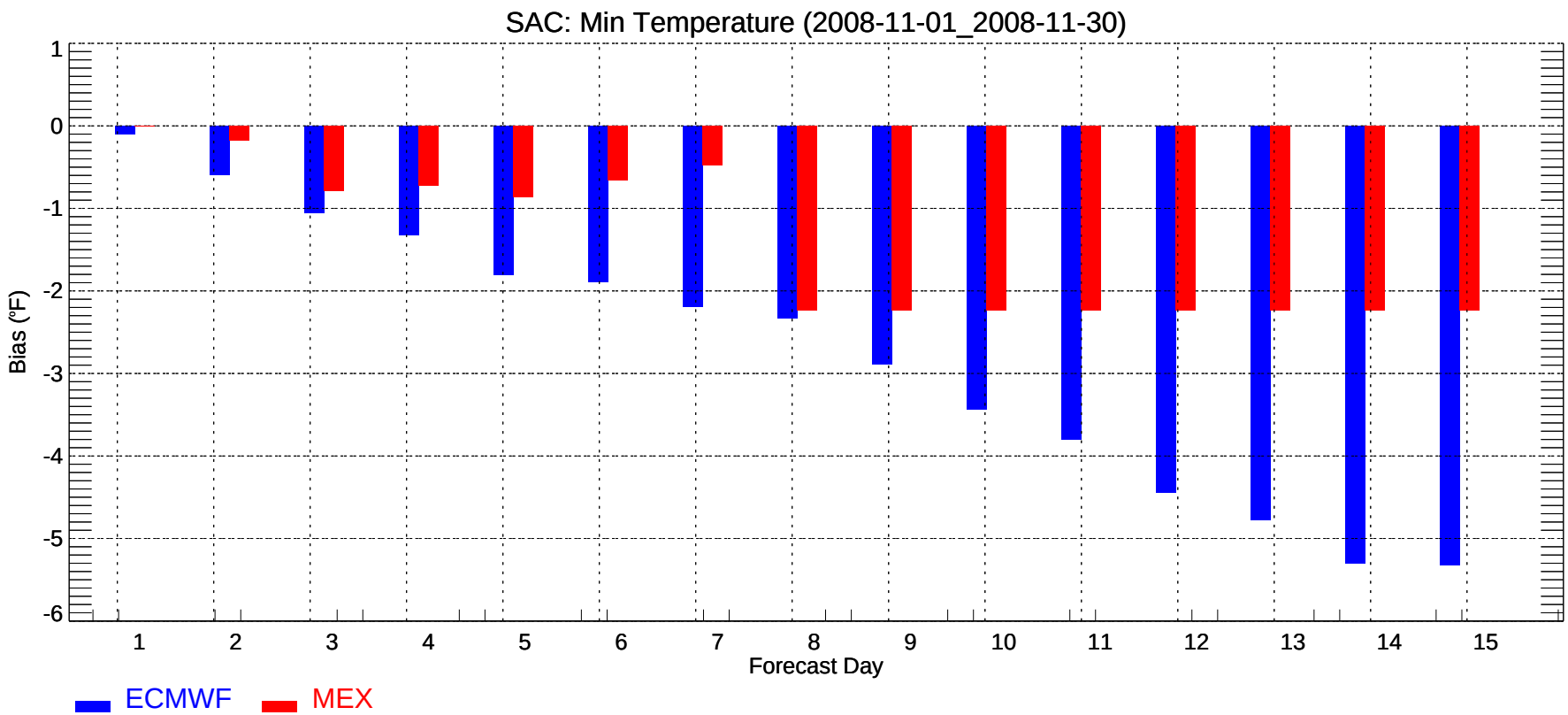
Forecast Day
ECMWF
MEX


SAC: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
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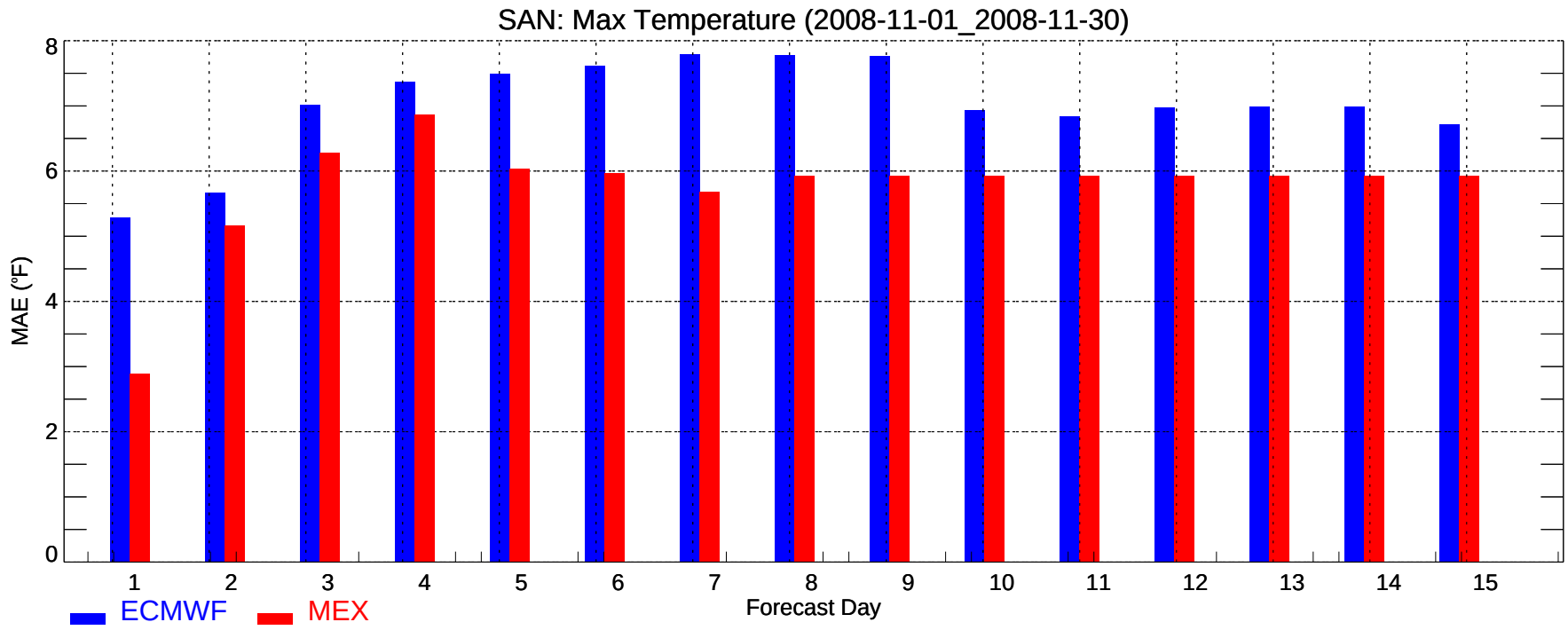
Forecast Day
ECMWF
MEX


SAN: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
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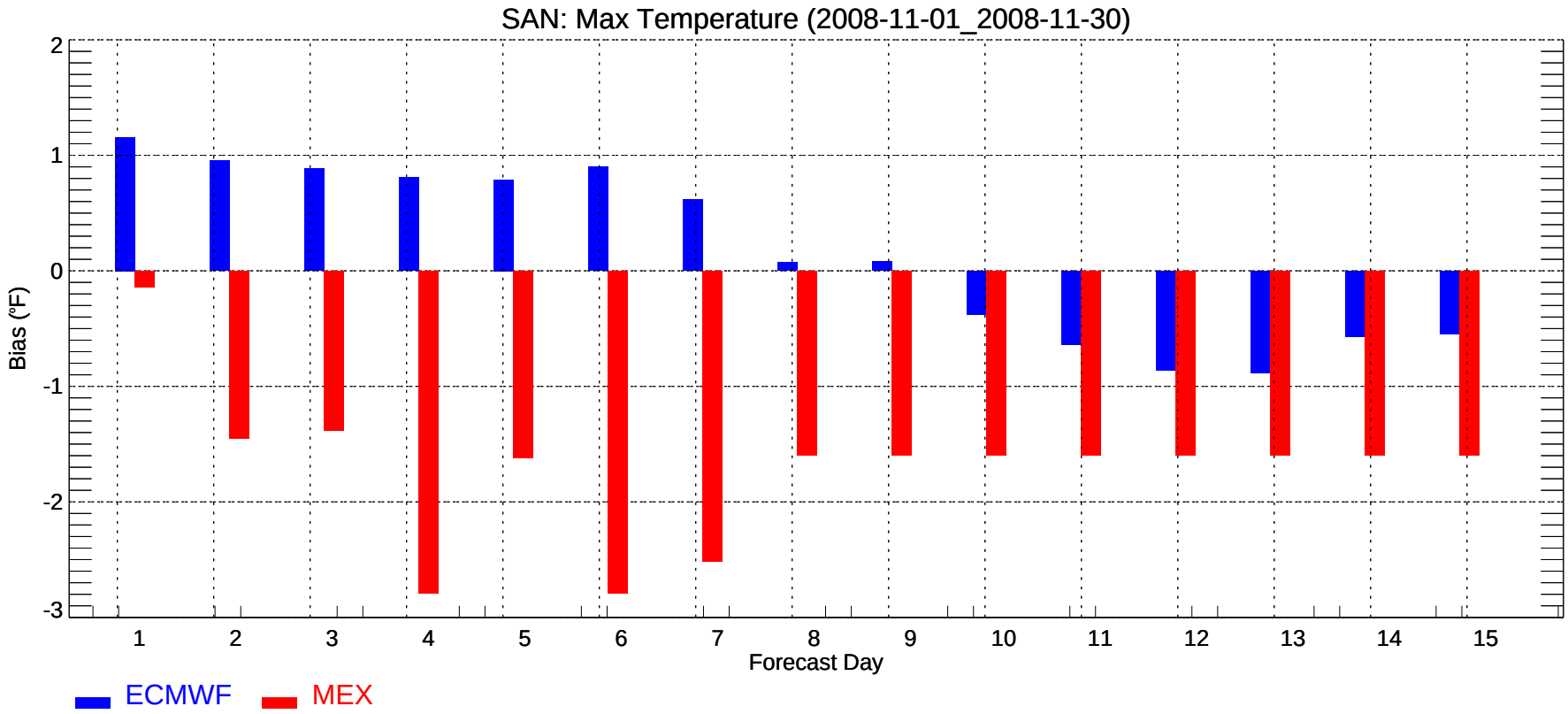
12
13
14
15
Forecast Day
ECMWF
MEX


SAN: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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1
0
-1
-2
-3
1
2
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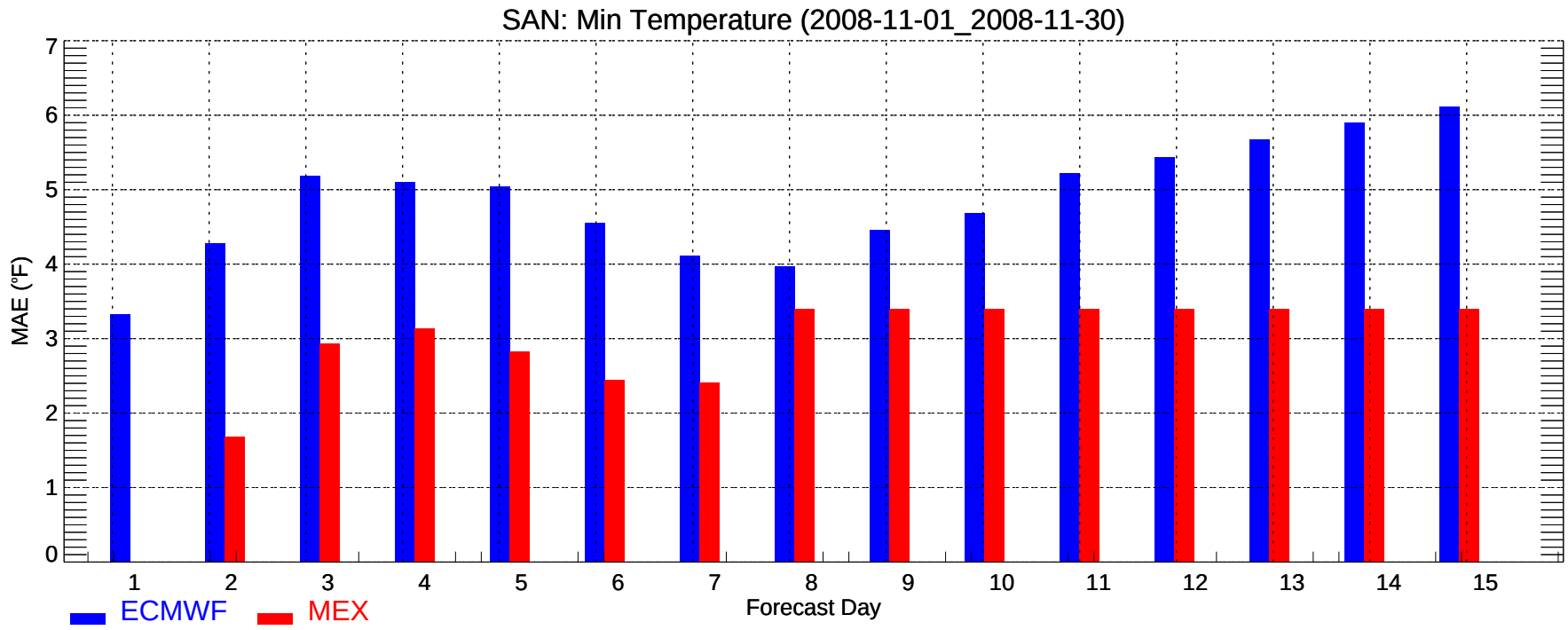
Forecast Day
ECMWF
MEX


SAN: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
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1
2
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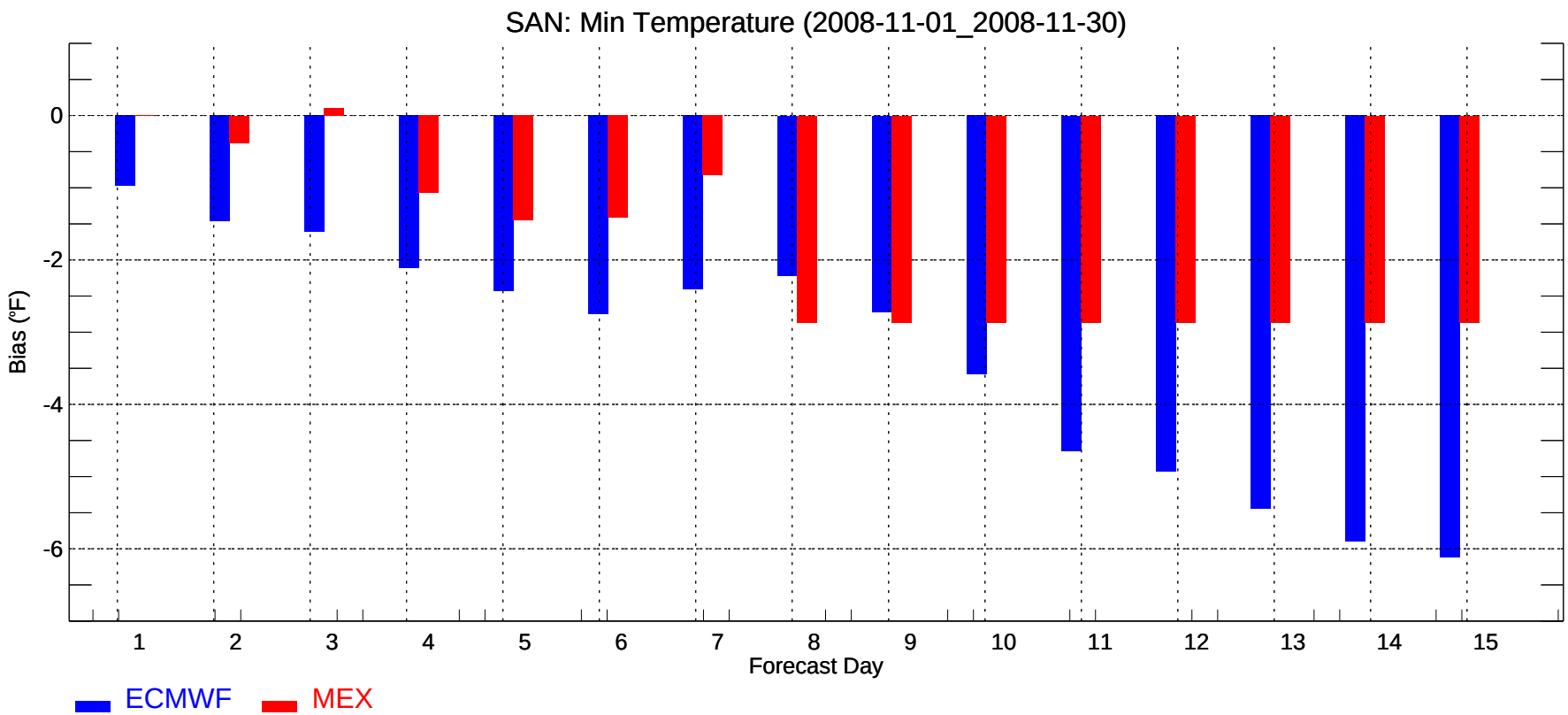
Forecast Day
ECMWF
MEX


SAN: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
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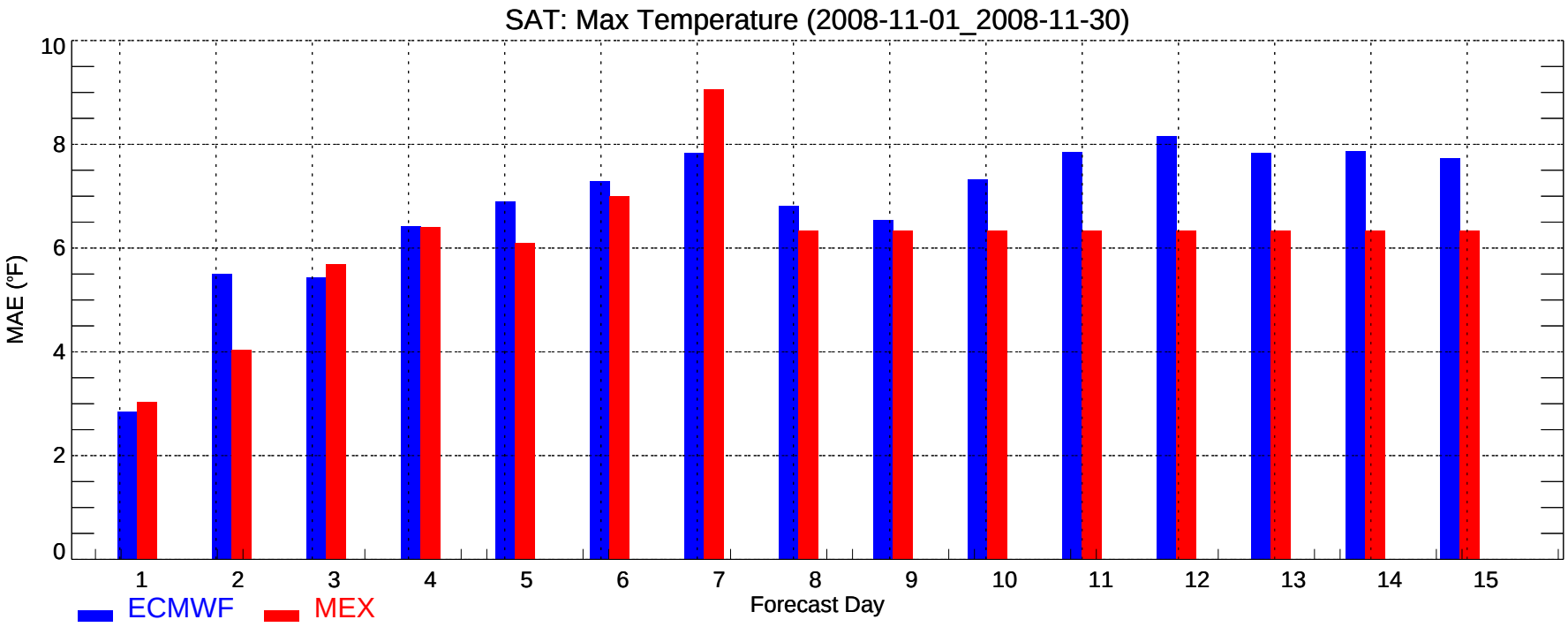
Forecast Day
ECMWF
MEX


SAT: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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4
6
8
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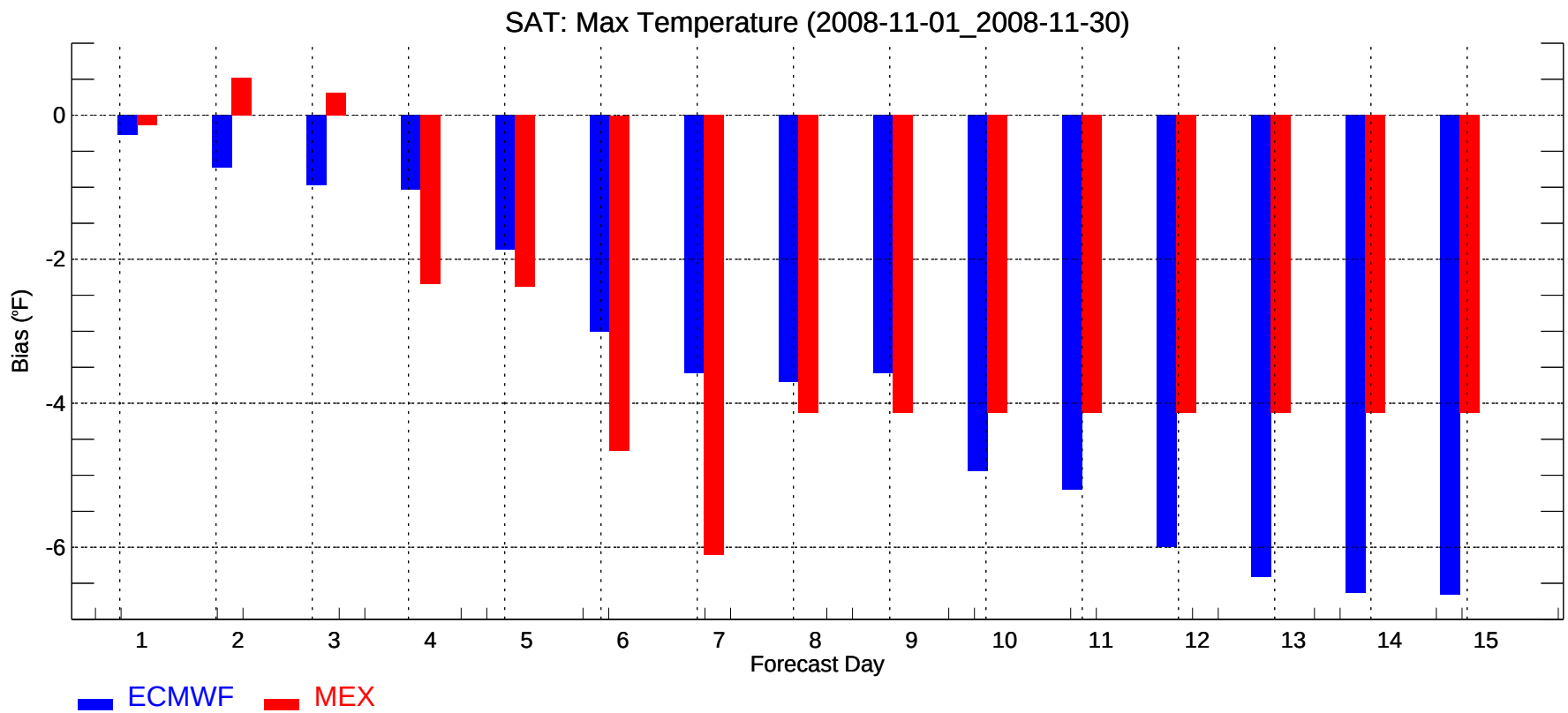
Forecast Day
ECMWF
MEX


SAT: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
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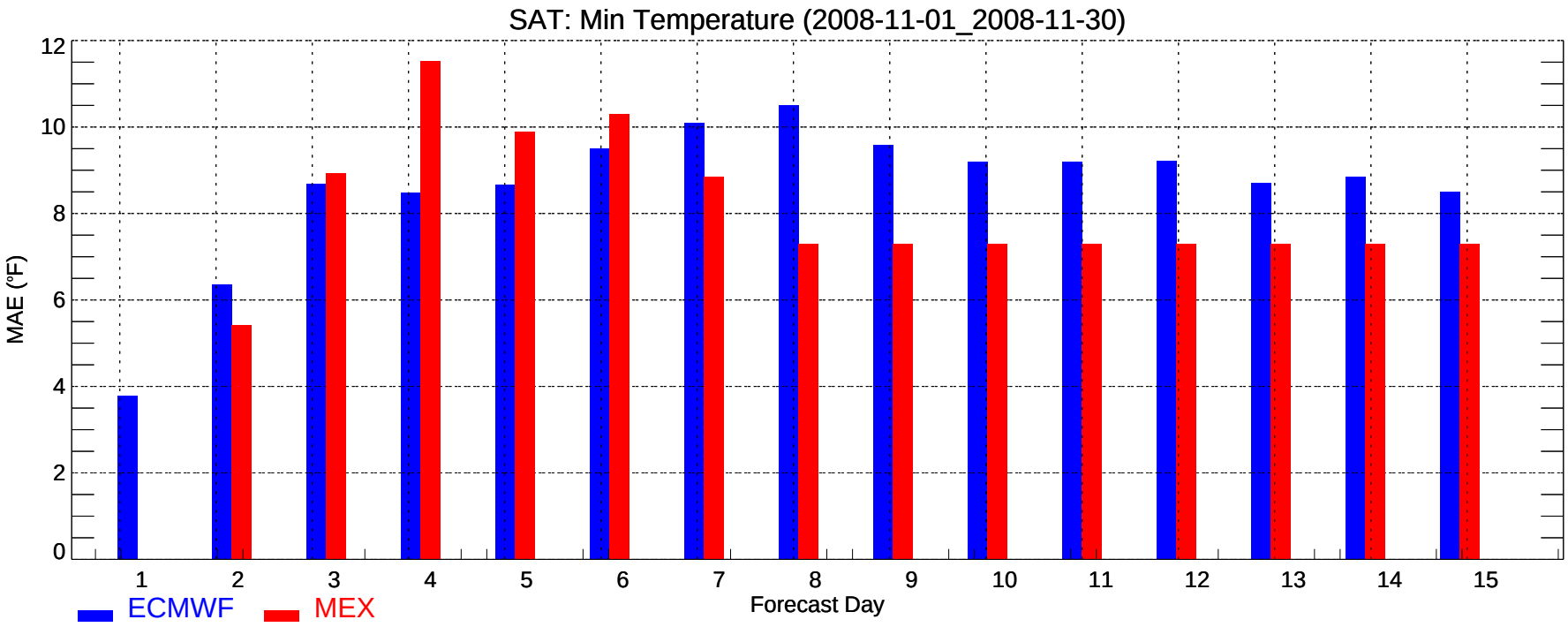
Forecast Day
ECMWF
MEX


SAT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
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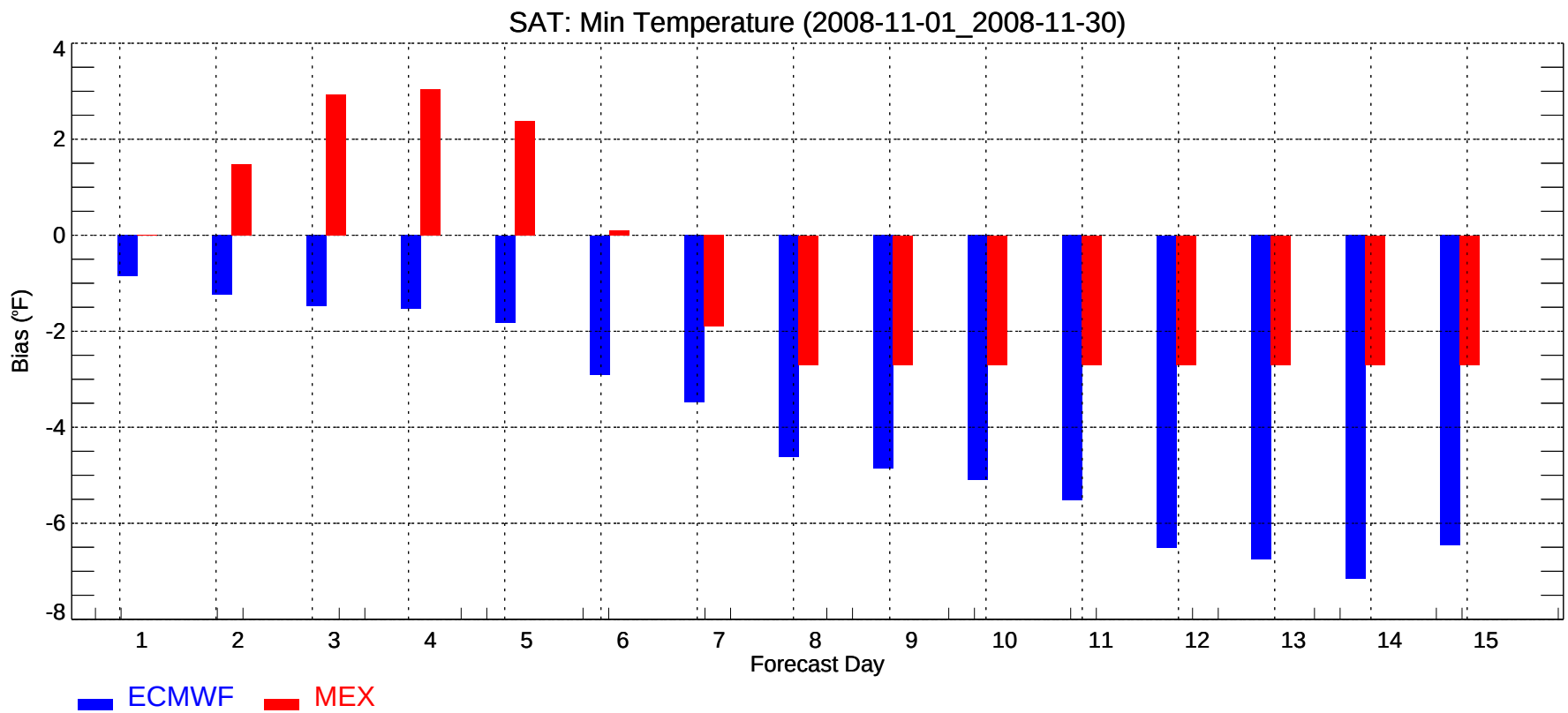
Forecast Day
ECMWF
MEX


SAT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
-8
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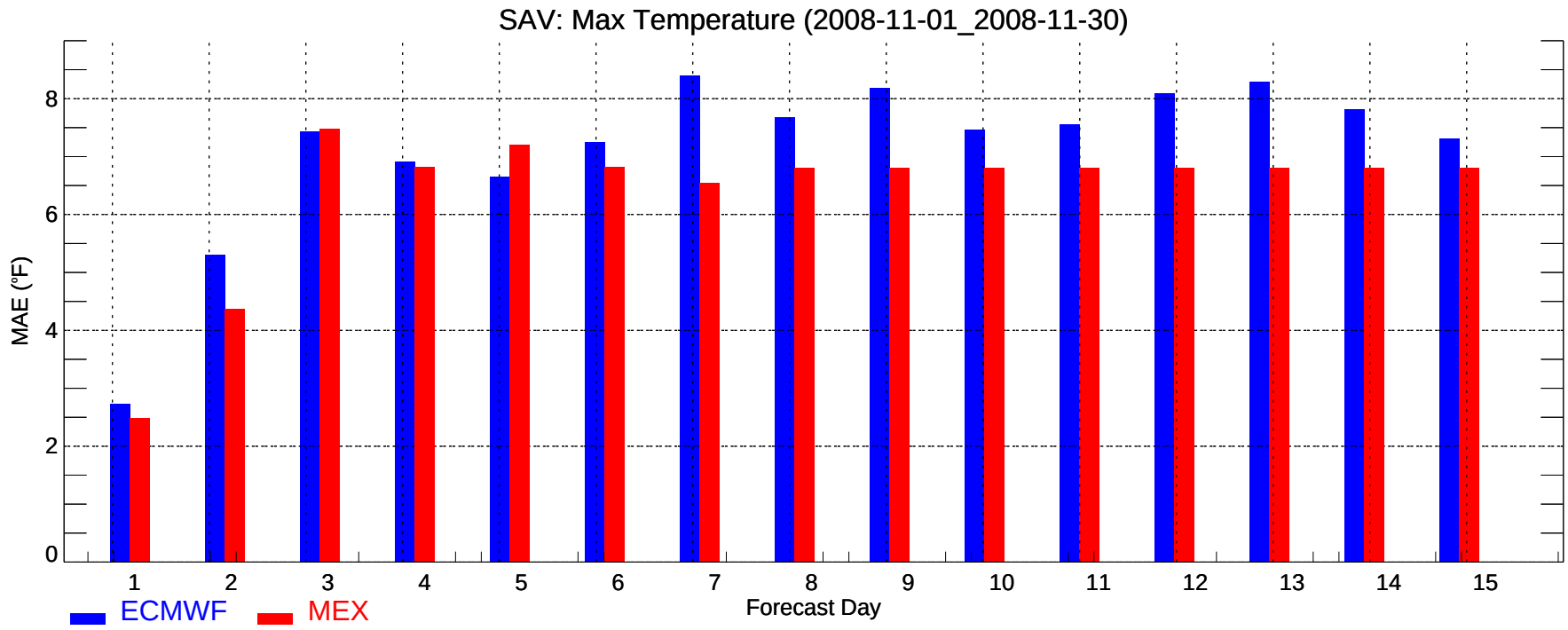
Forecast Day
ECMWF
MEX


SAV: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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6
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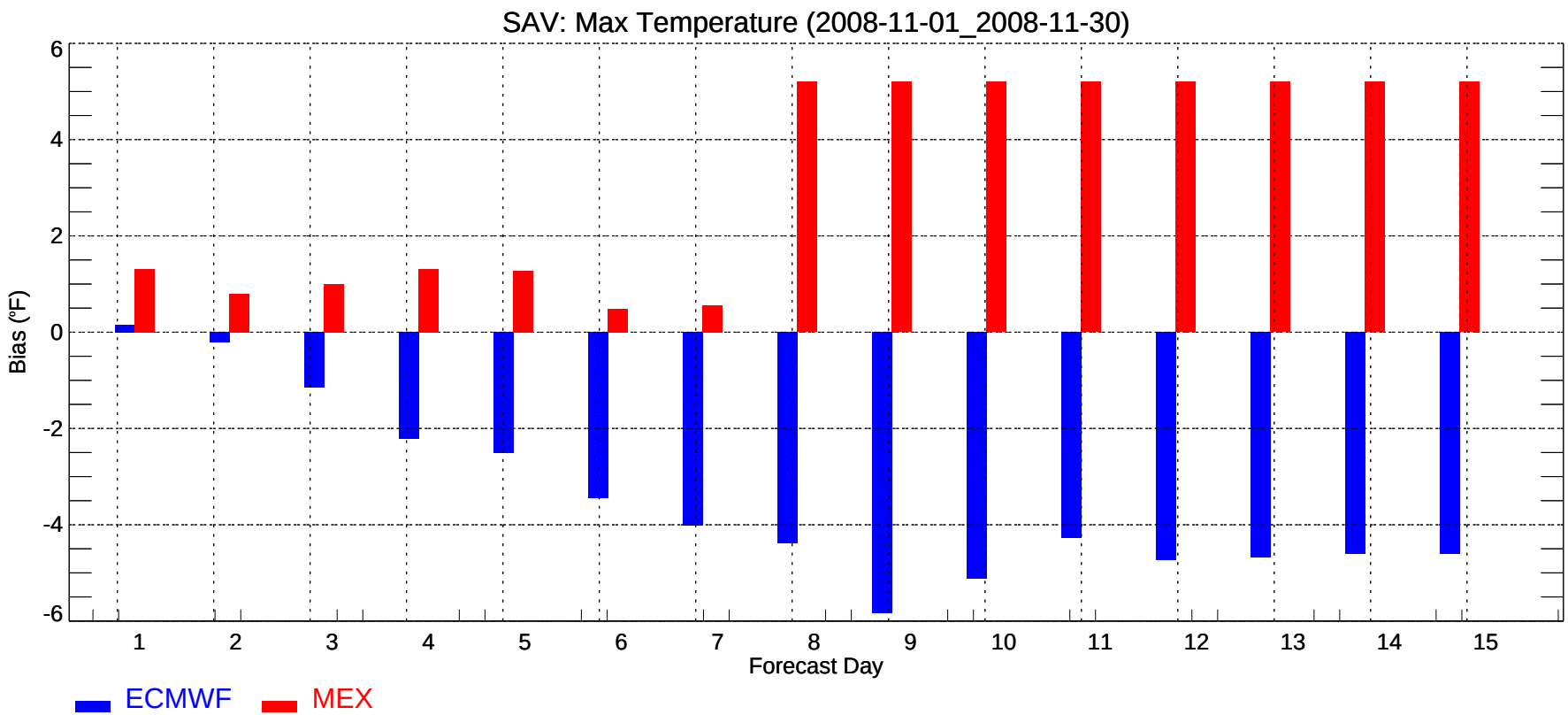
Forecast Day
ECMWF
MEX


SAV: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
6
4
2
0
-2
-4
-6
1
2
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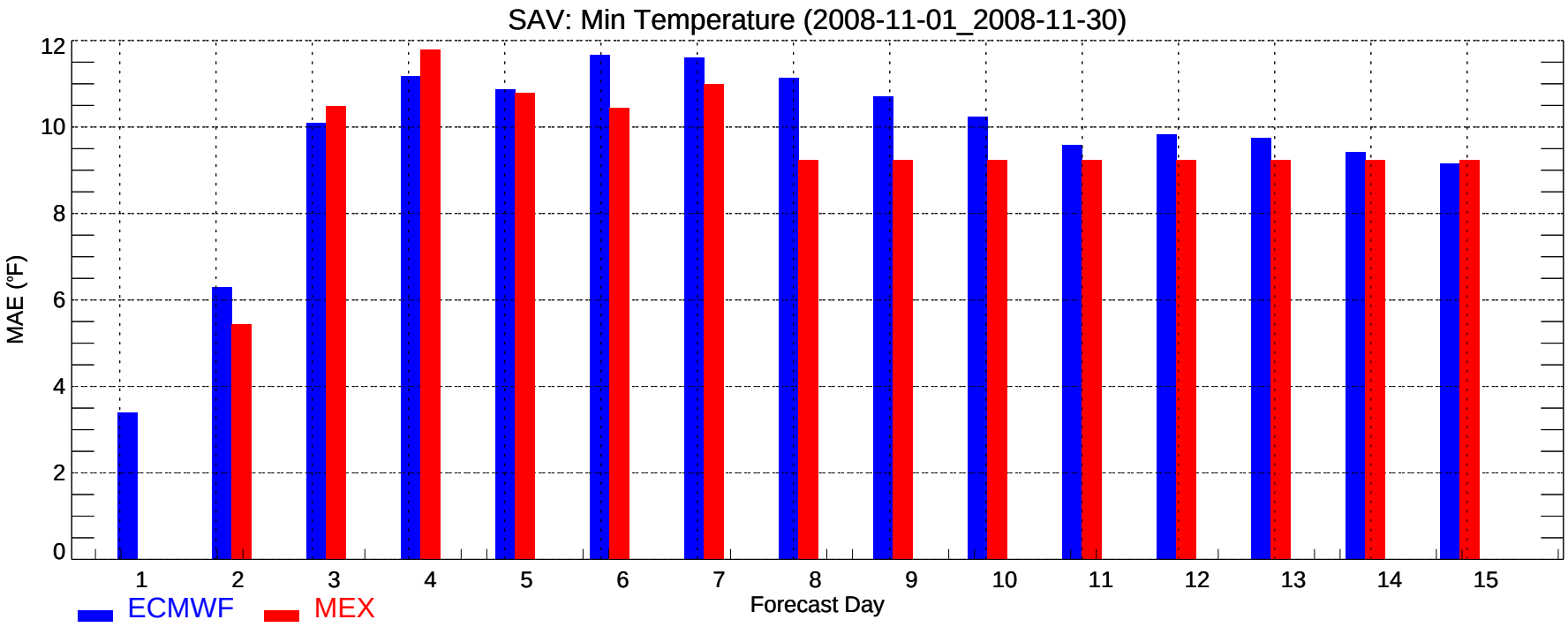
Forecast Day
ECMWF
MEX


SAV: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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12
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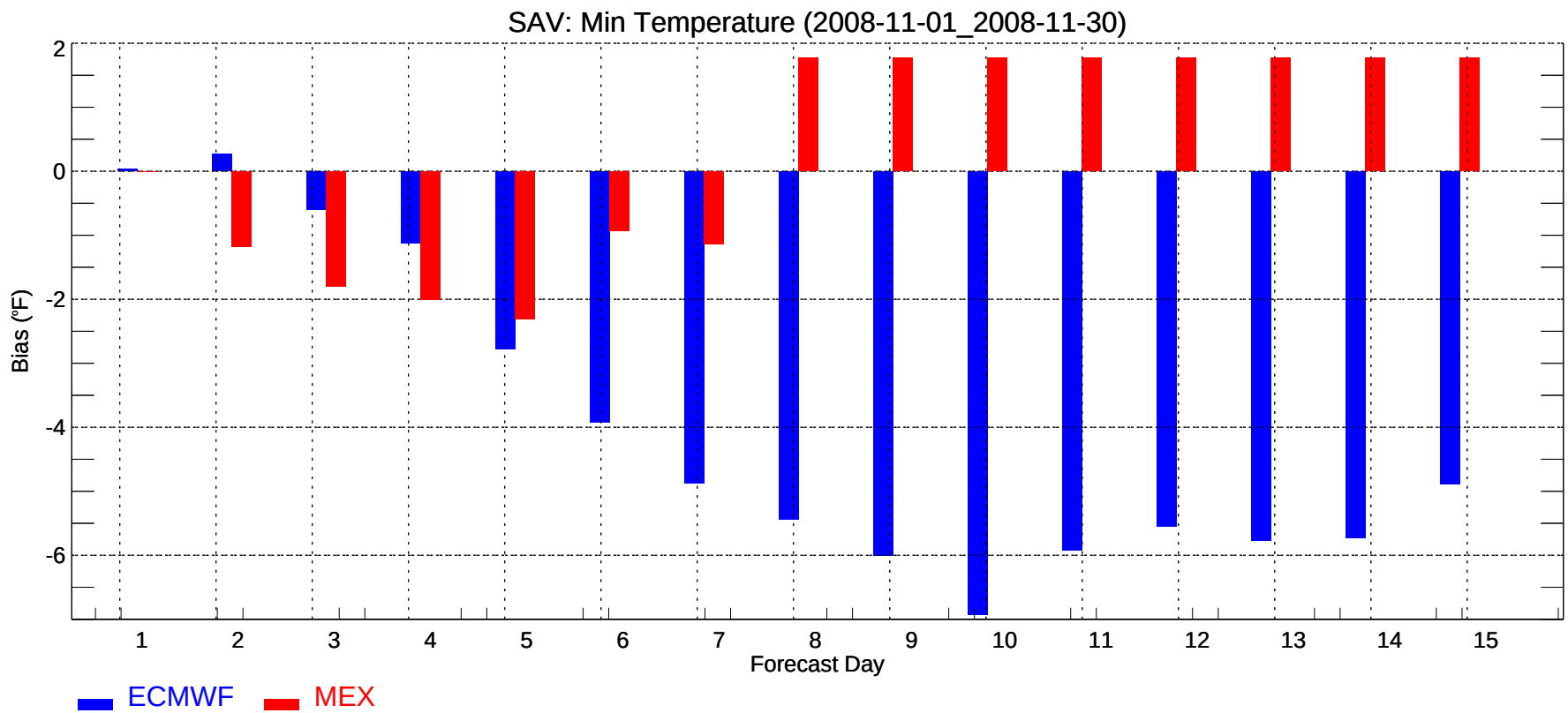
Forecast Day
ECMWF
MEX


SAV: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
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-2
-4
-6
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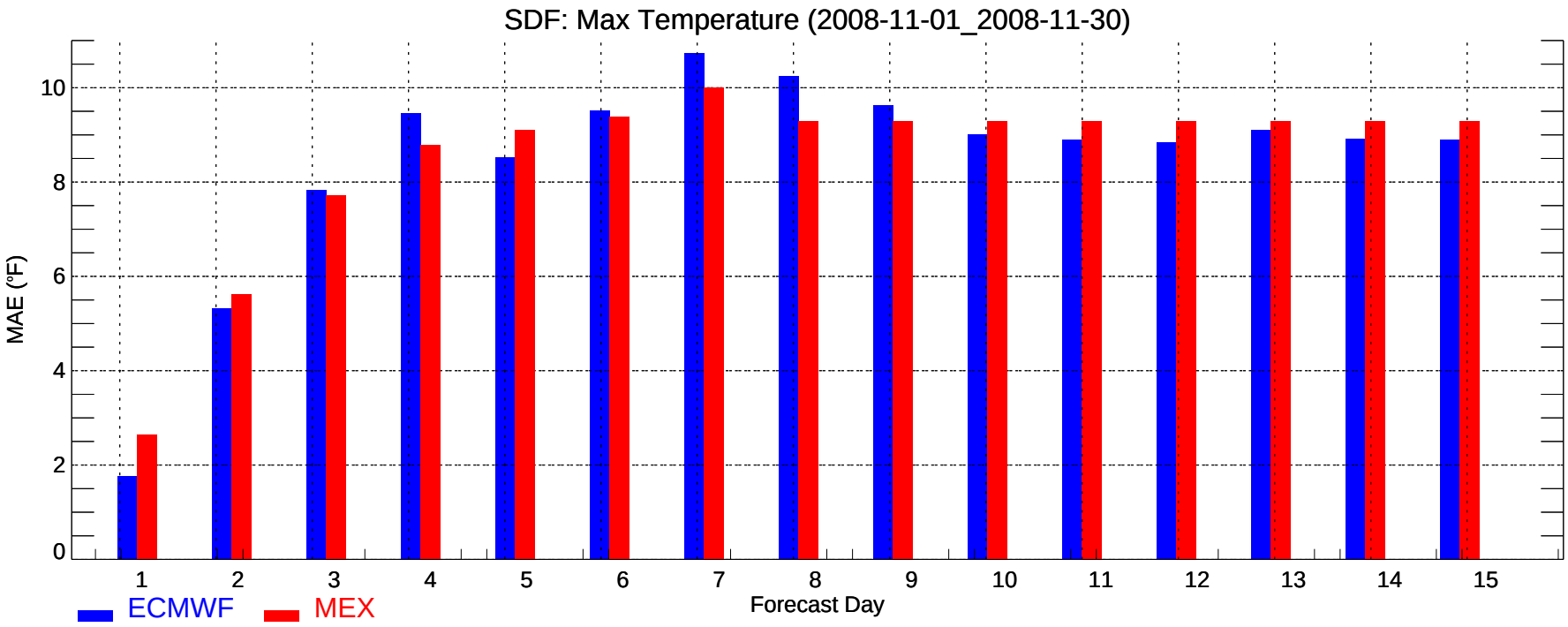
Forecast Day
ECMWF
MEX


SDF: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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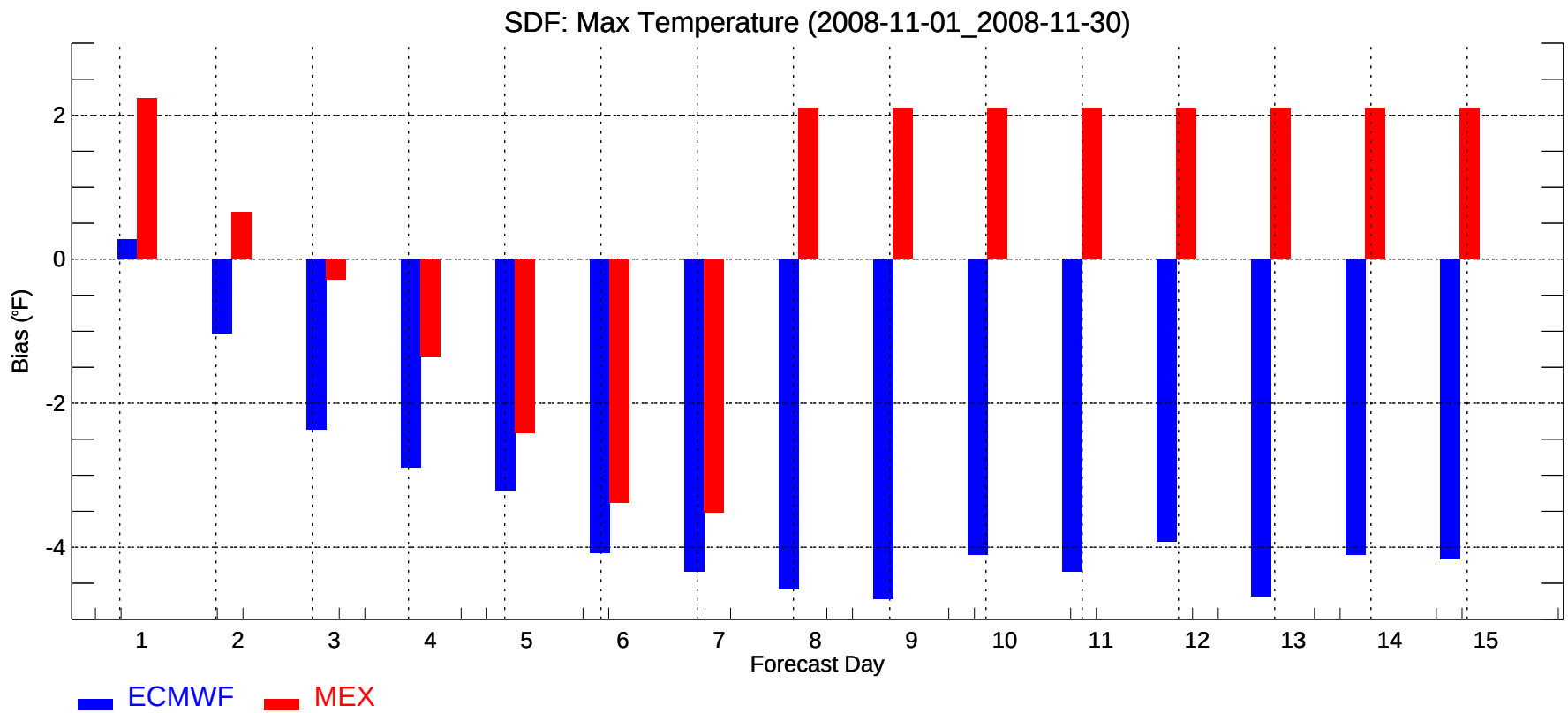
Forecast Day
ECMWF
MEX


SDF: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
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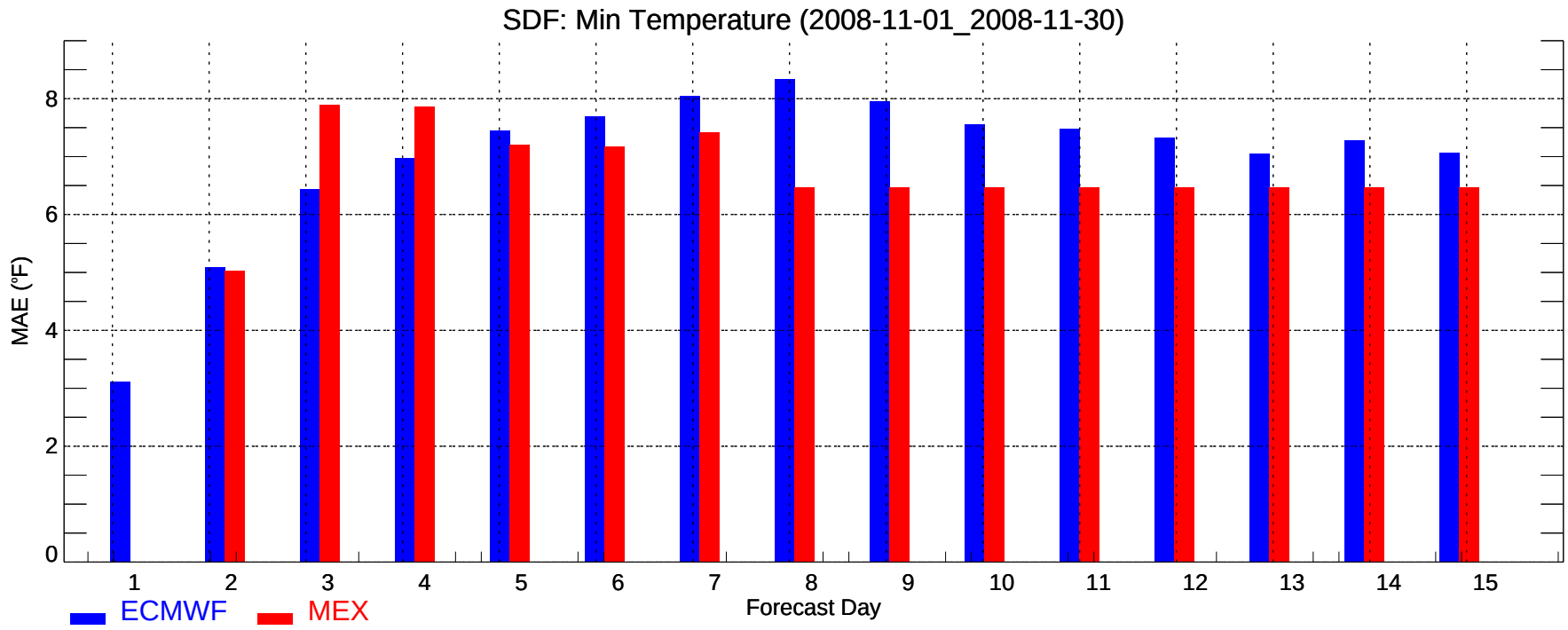
Forecast Day
ECMWF
MEX


SDF: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
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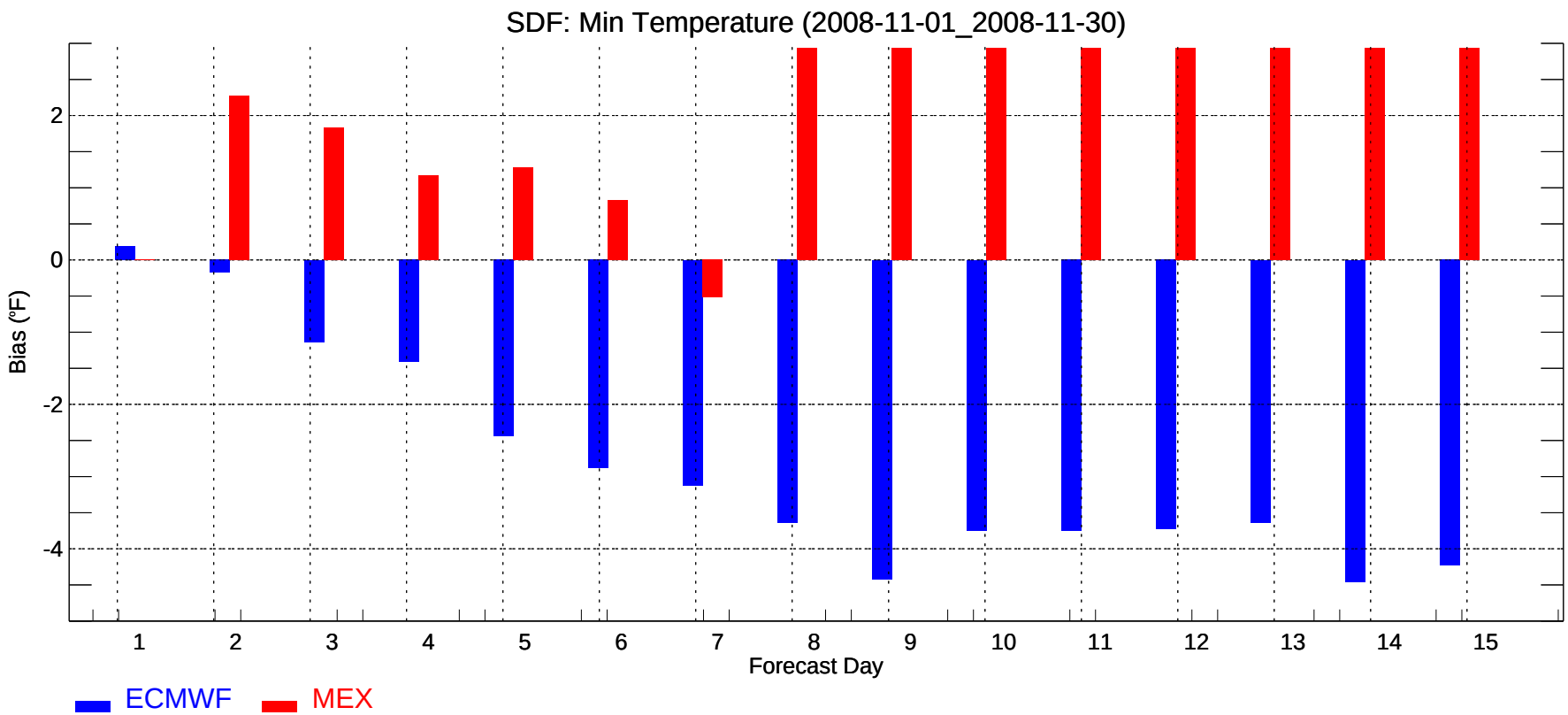
Forecast Day
ECMWF
MEX


SDF: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
1
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5
6
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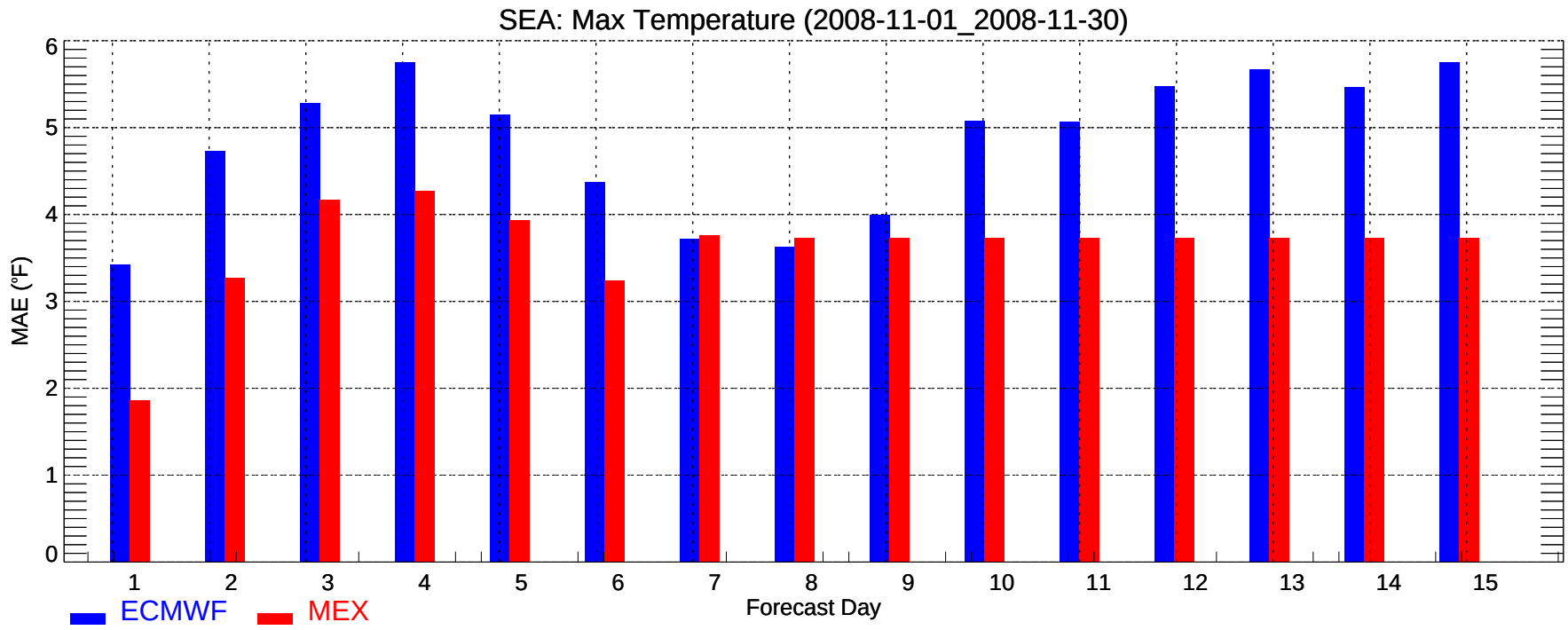
13
14
15
Forecast Day
ECMWF
MEX


SEA: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
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6
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8
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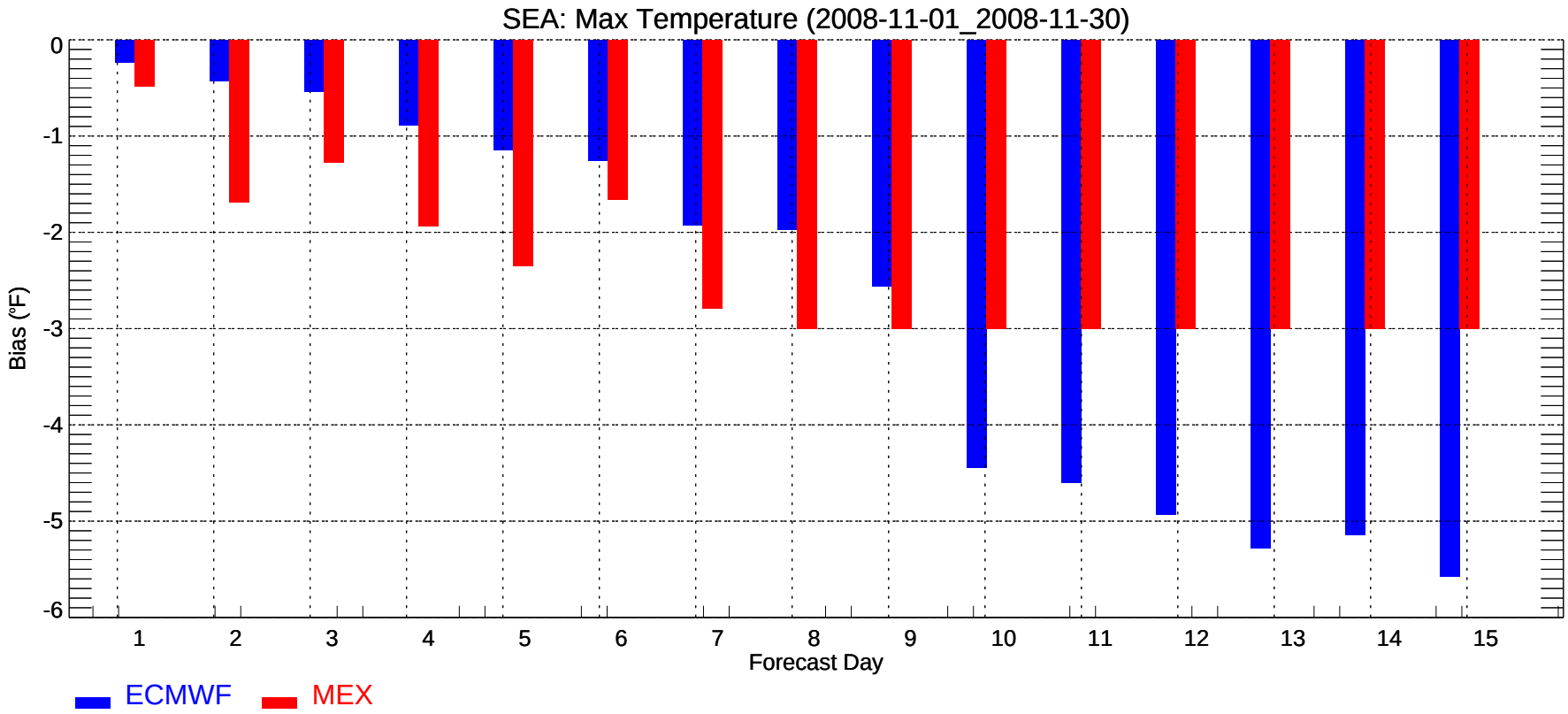
13
14
15
Forecast Day
ECMWF
MEX


SEA: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
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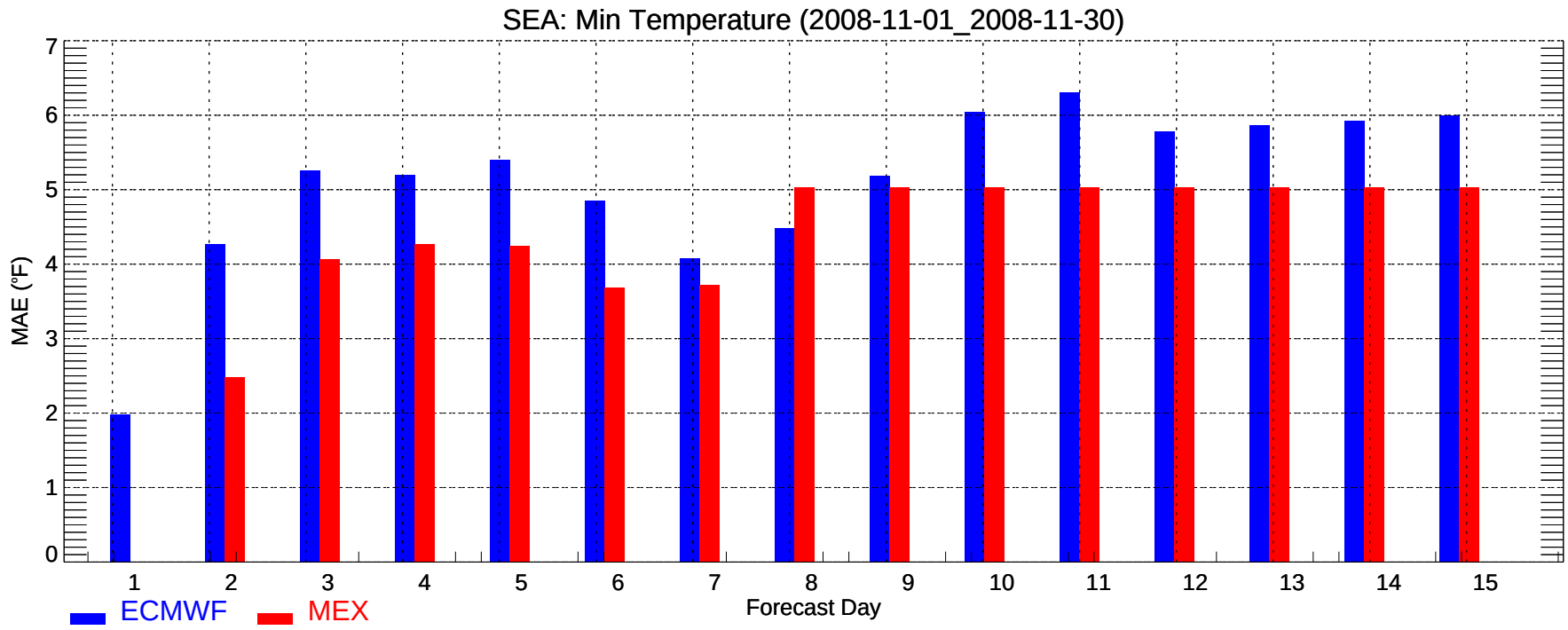
11
12
13
14
15
Forecast Day
ECMWF
MEX


SEA: Min Temperature (2008-11-01_2008-11-30)
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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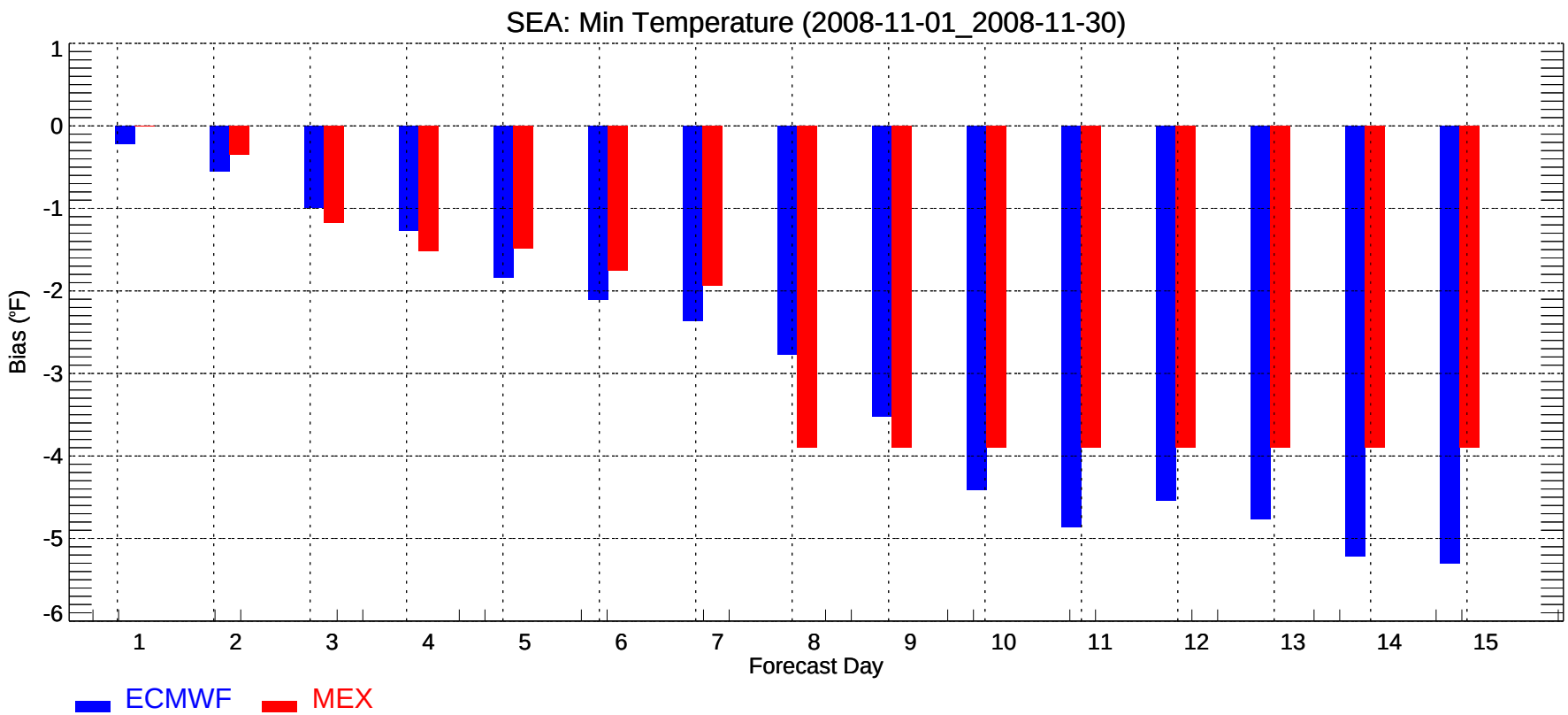
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SEA: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
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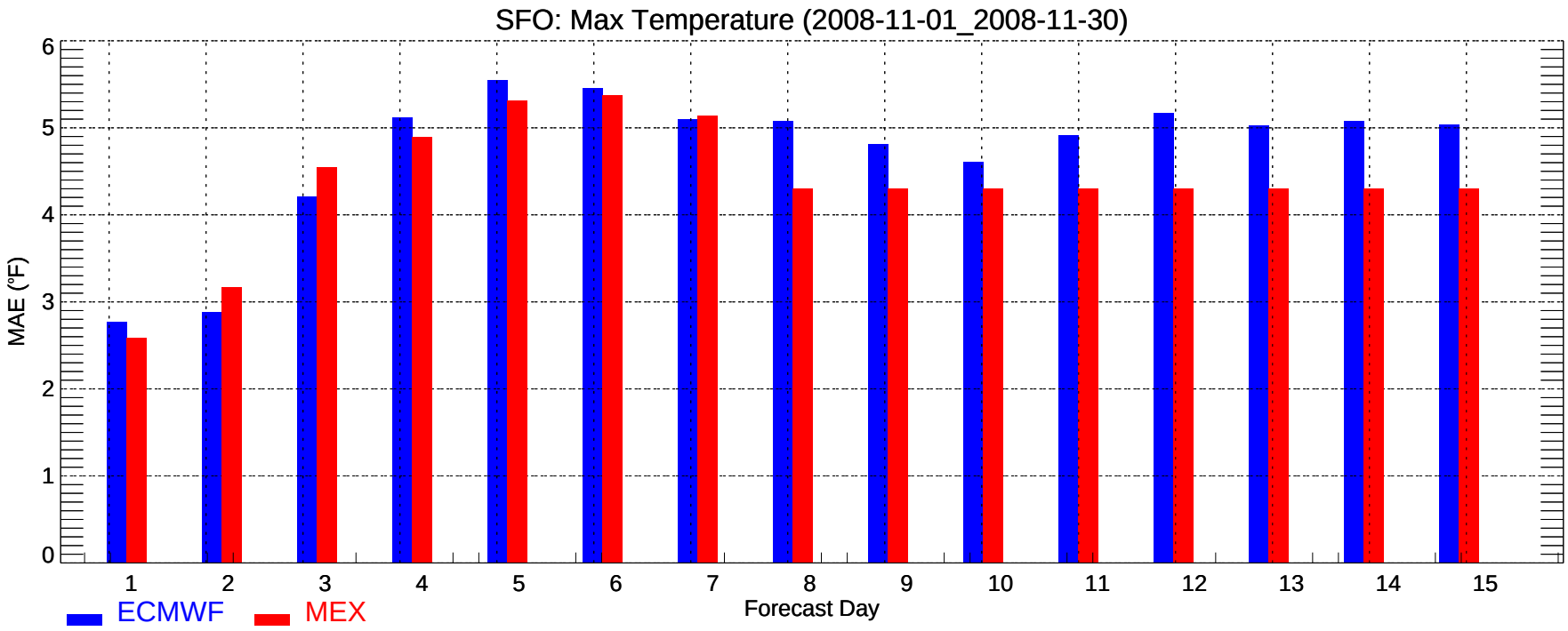
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SFO: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
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5
6
7
8
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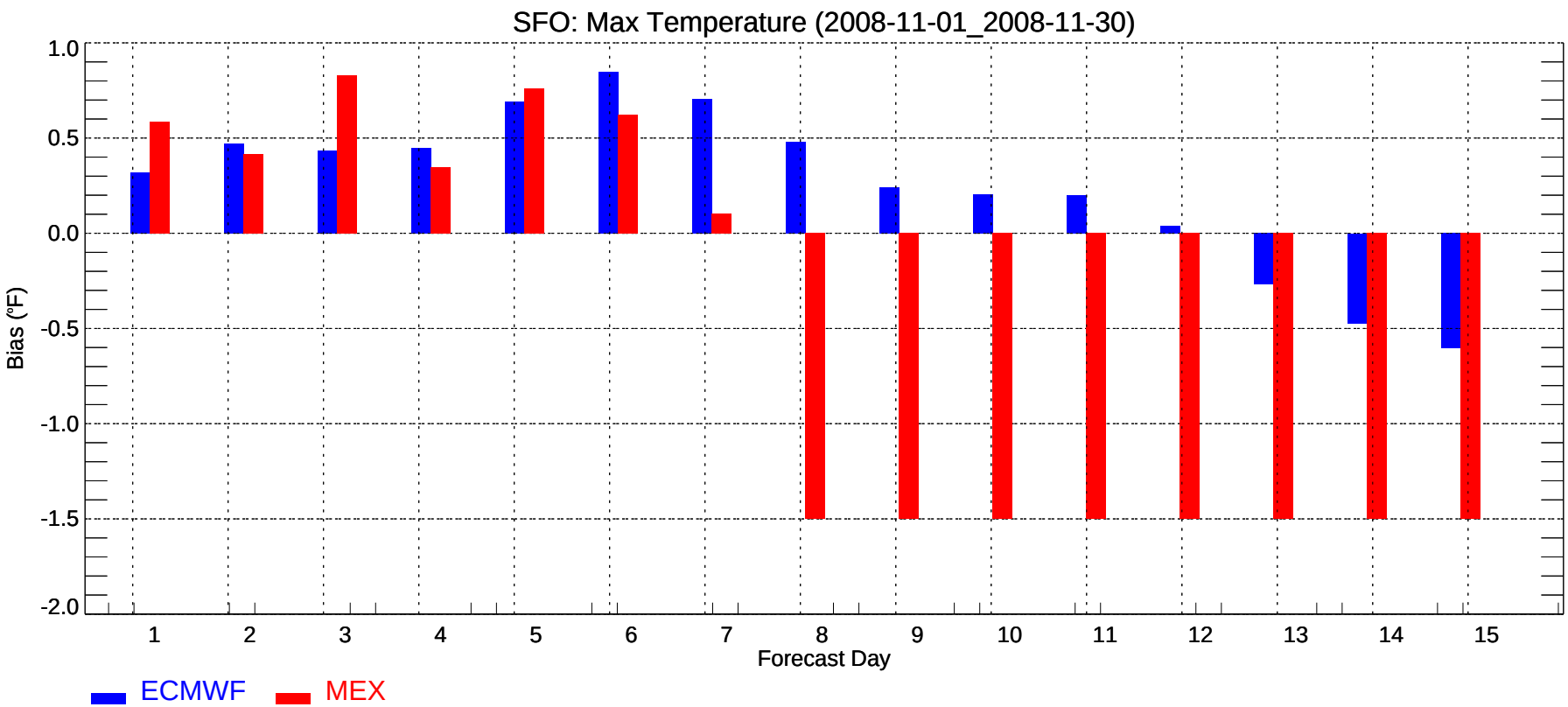
11
12
13
14
15
Forecast Day
ECMWF
MEX


SFO: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
1
2
3
4
5
6
7
8
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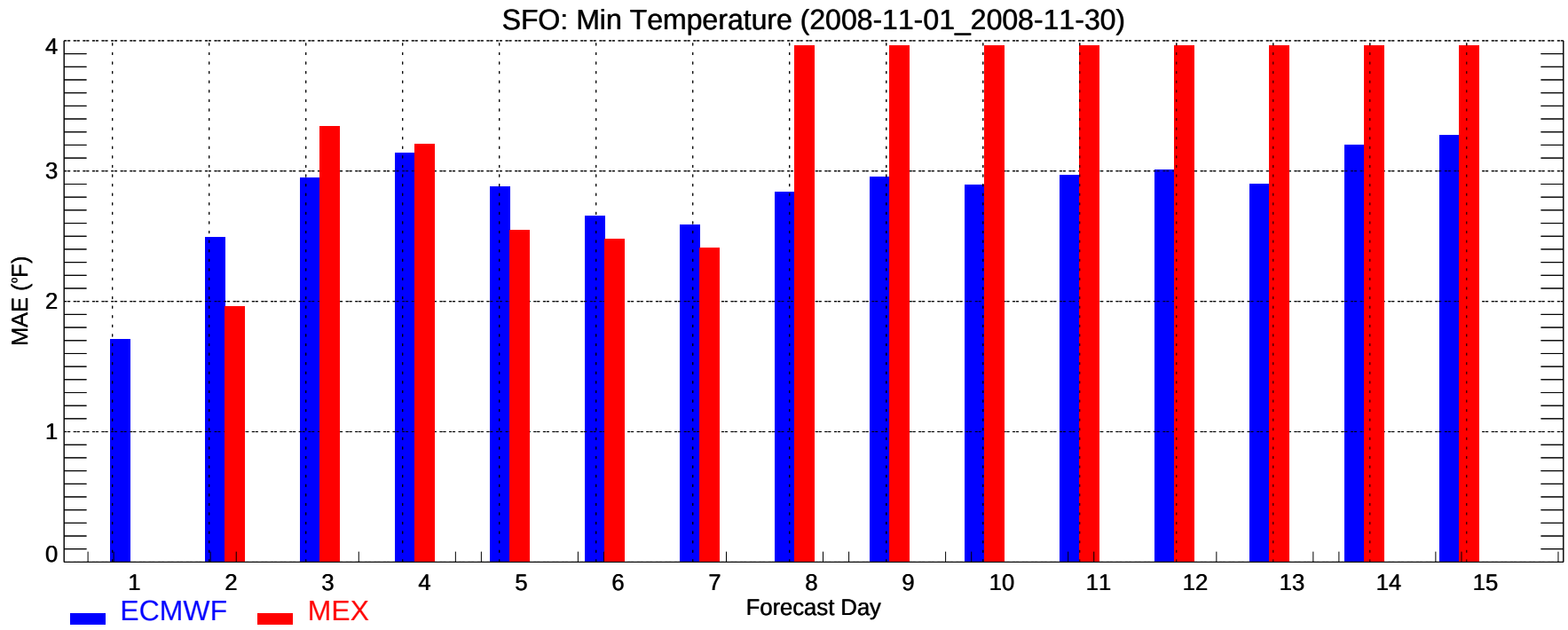
13
14
15
Forecast Day
ECMWF
MEX


SFO: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
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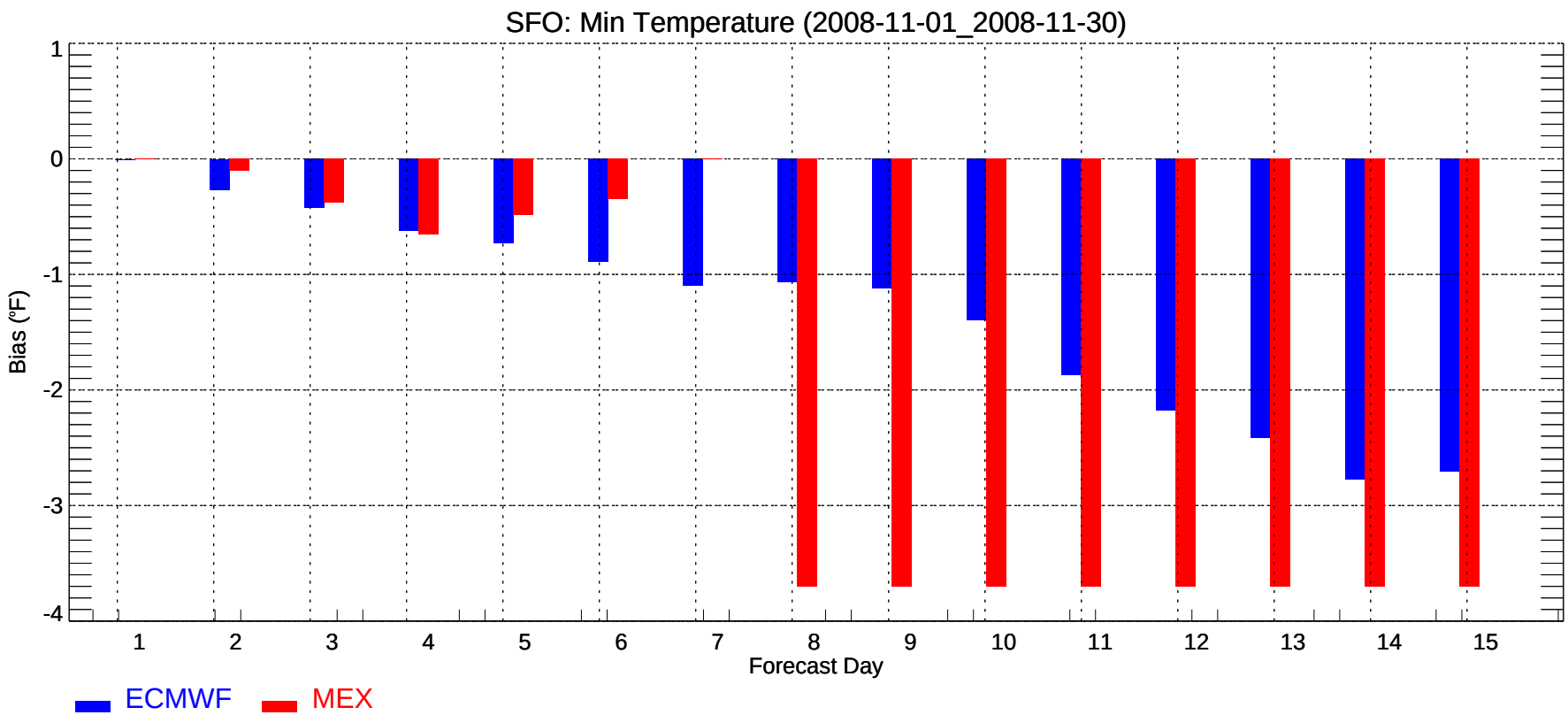
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SFO: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
1
2
3
4
5
6
7
8
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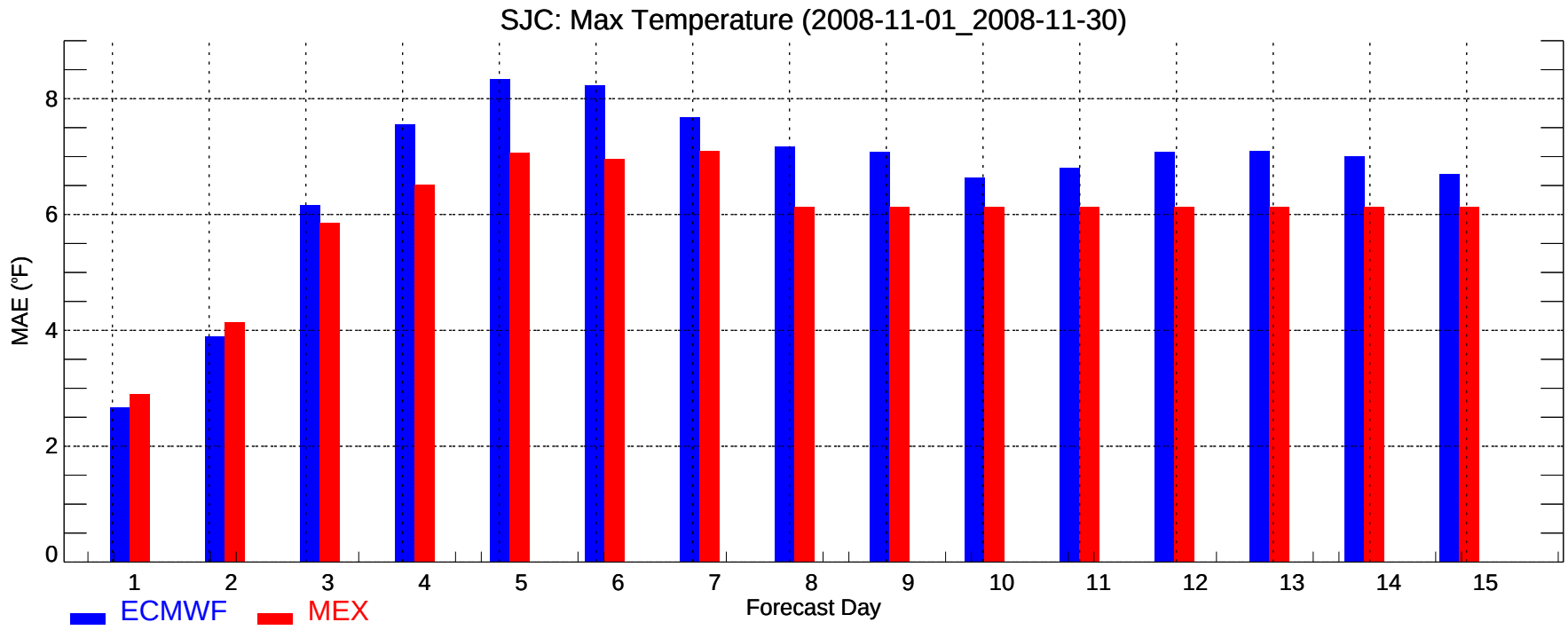
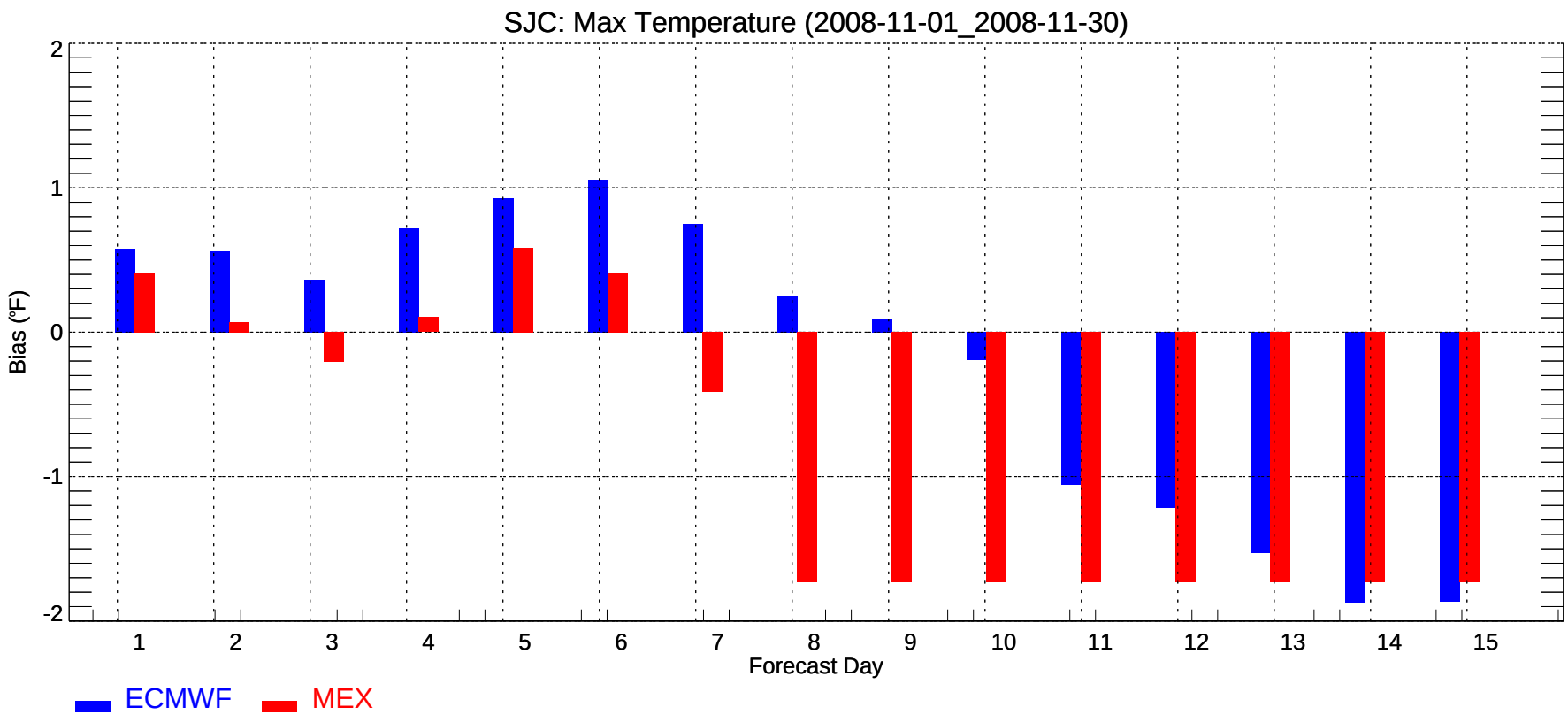
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJC: Max Temperature (2008-11-01_2008-11-30)
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 (2008-11-01_2008-11-30)
Bias (°F)
2
1
0
-1
-2
1
2
3
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5
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7
8
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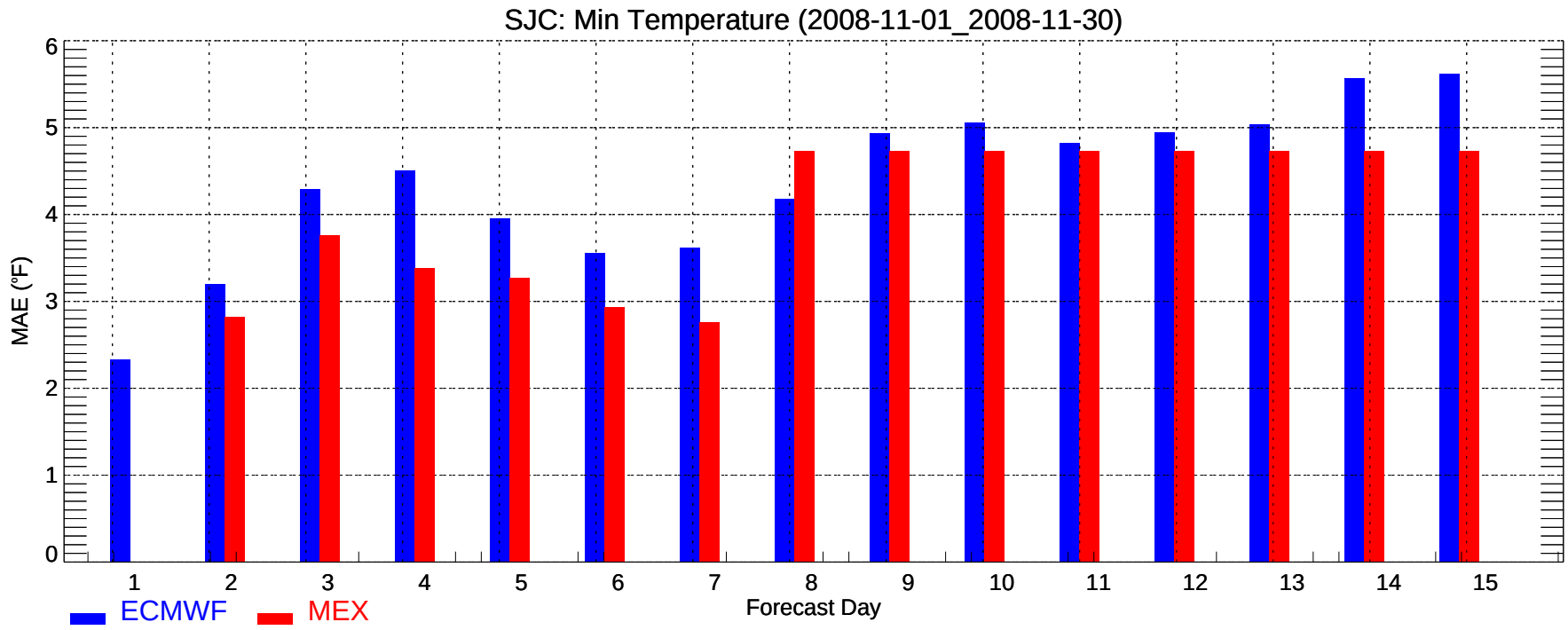
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJC: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
1
2
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4
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6
7
8
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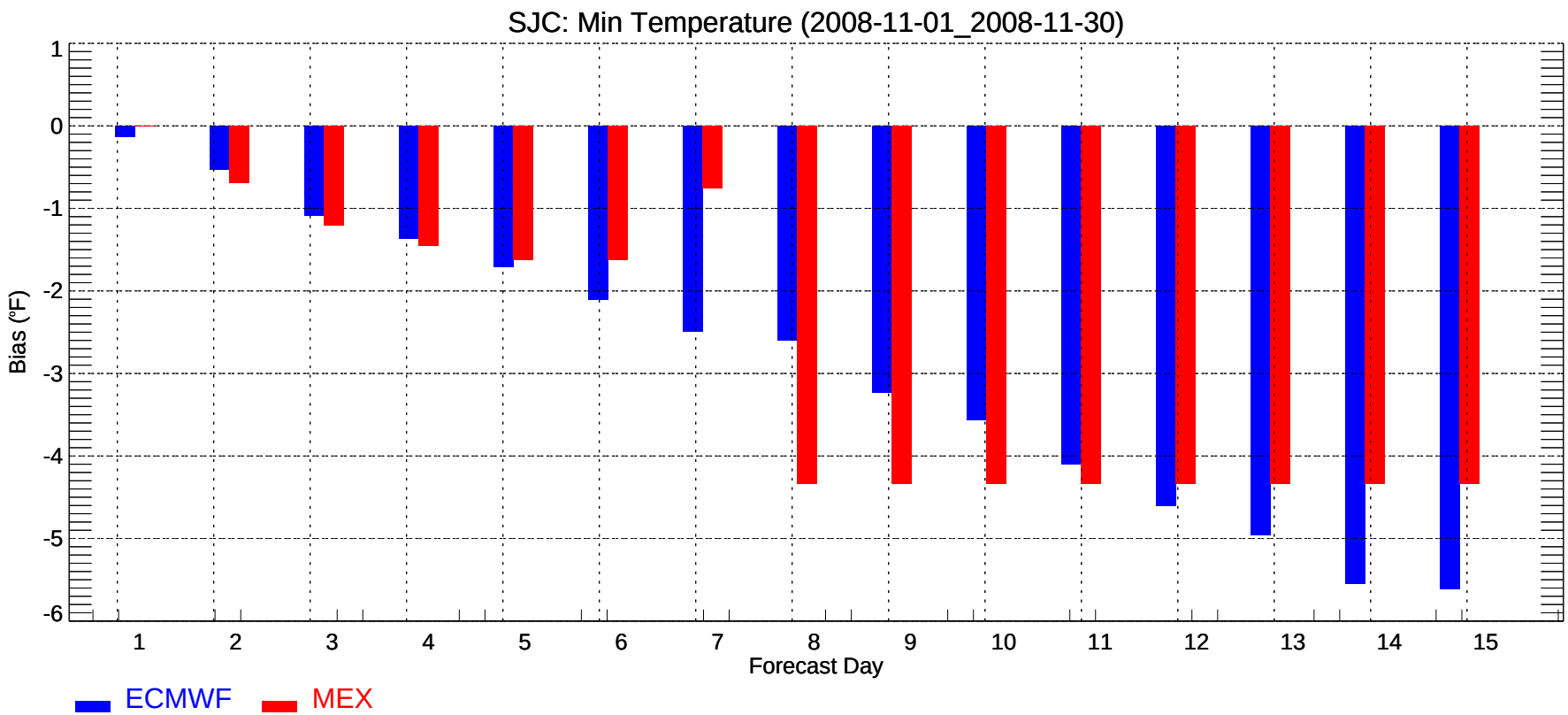
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJC: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
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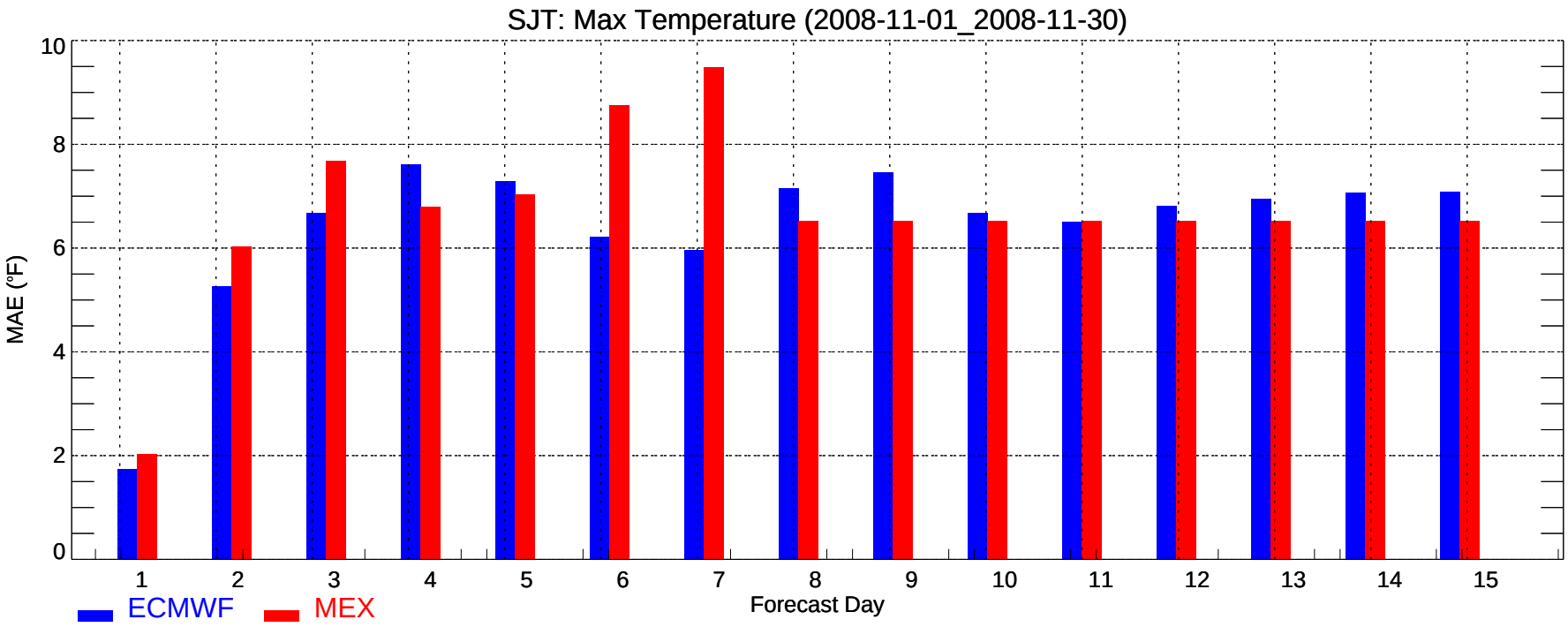
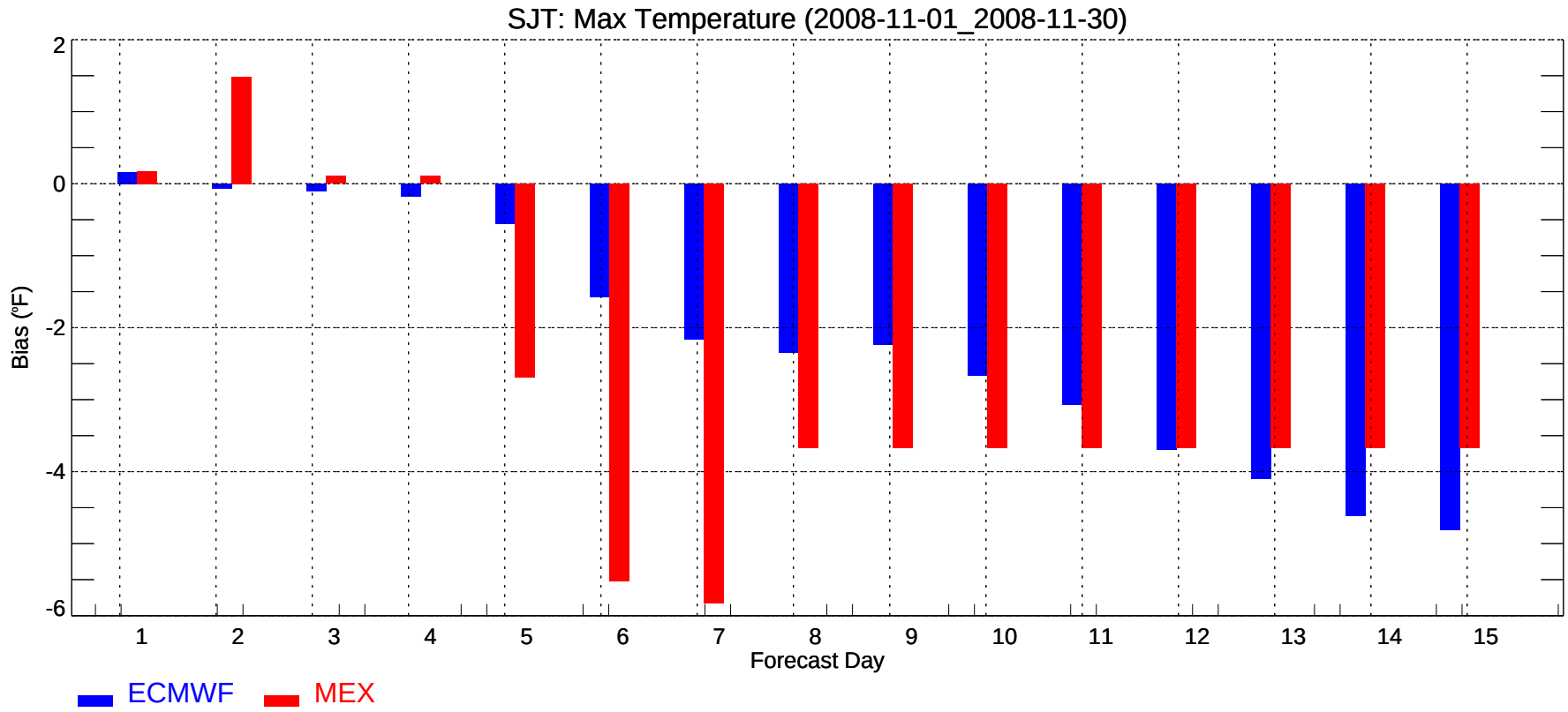
13
14
15
Forecast Day
ECMWF
MEX


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


SJT: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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12
13
14
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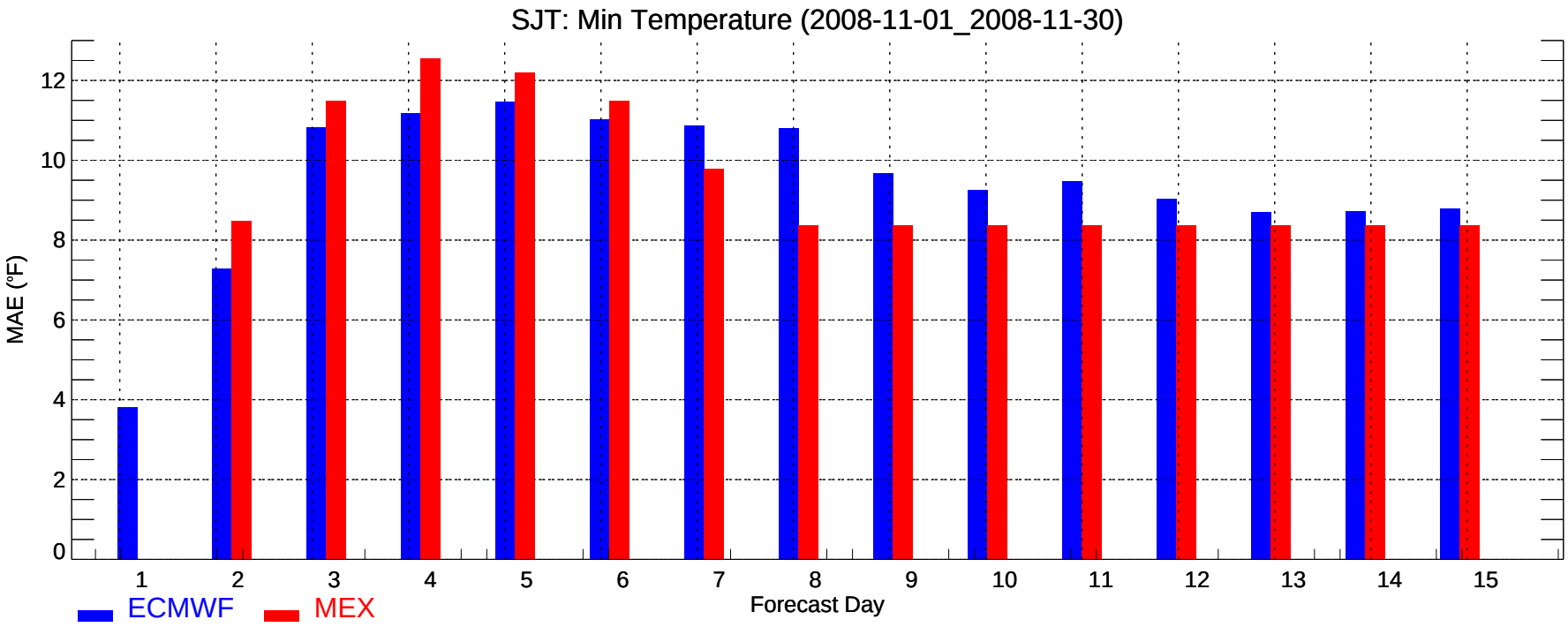
Forecast Day
ECMWF
MEX


SJT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
4
5
6
7
8
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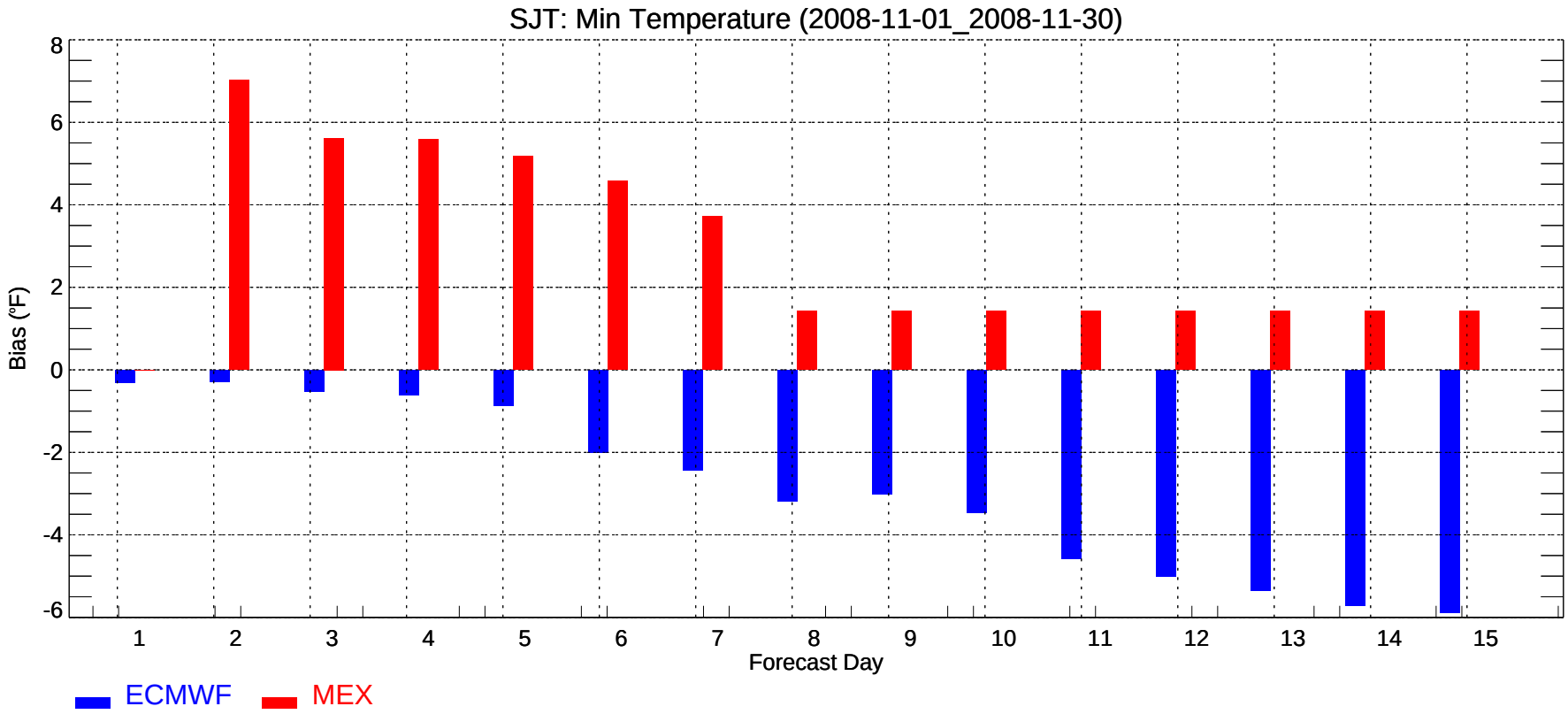
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SJT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
8
6
4
2
0
-2
-4
-6
1
2
3
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5
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8
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12
13
14
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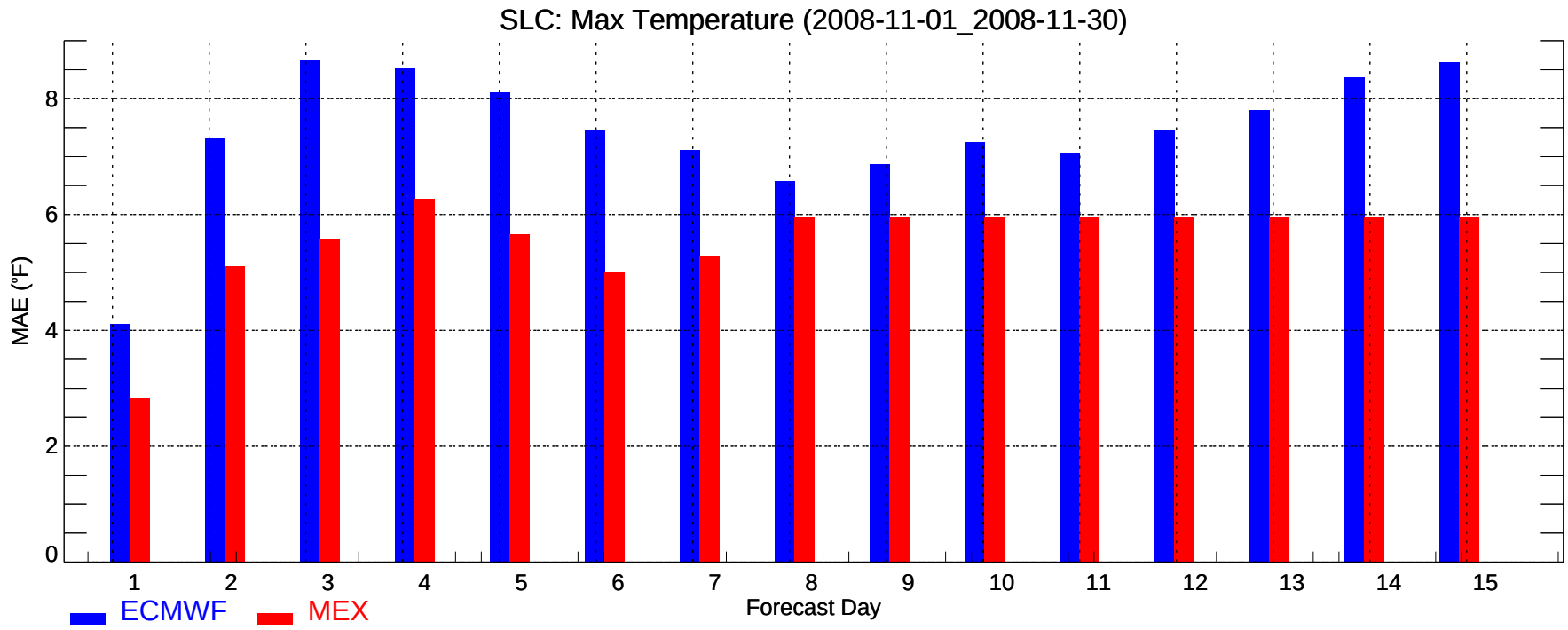
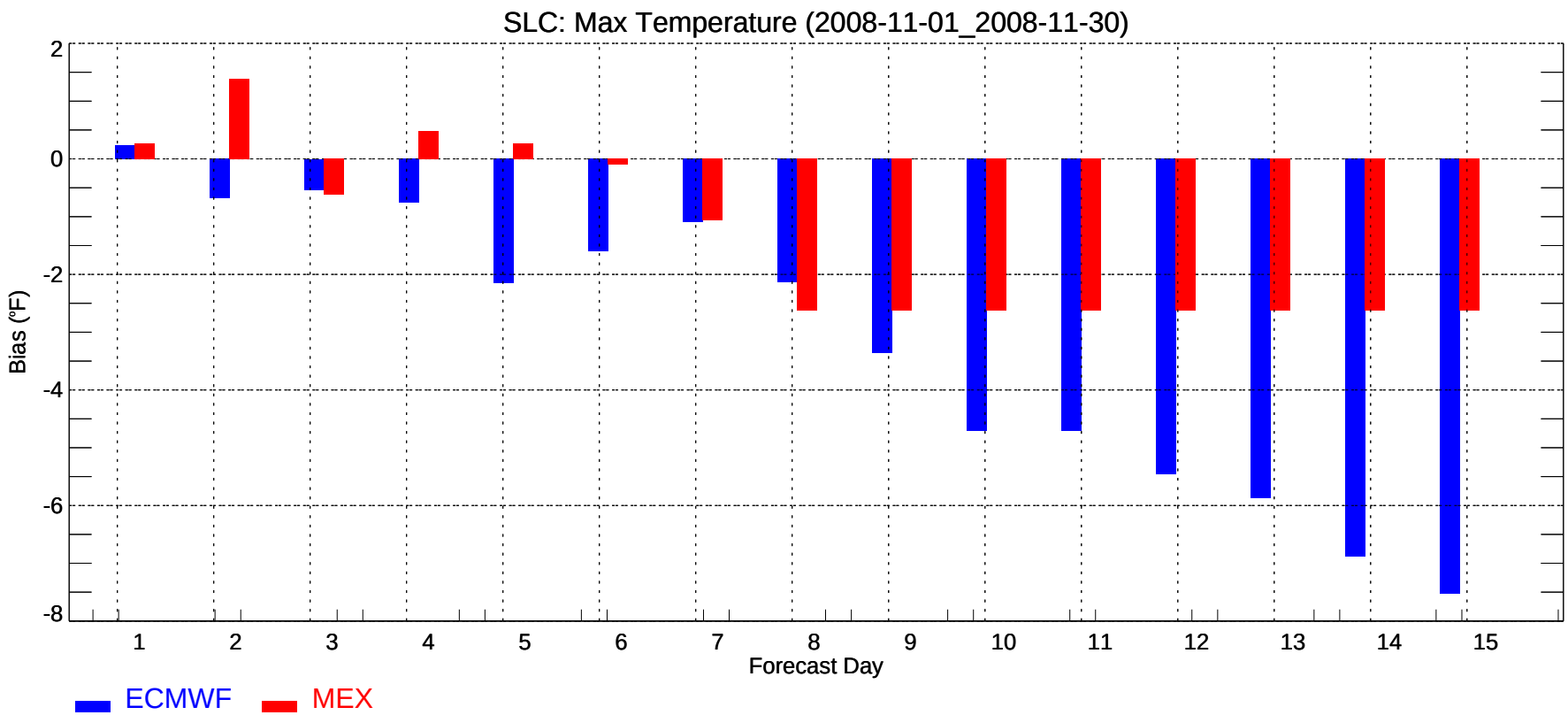
Forecast Day
ECMWF
MEX


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


SLC: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
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5
6
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8
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12
13
14
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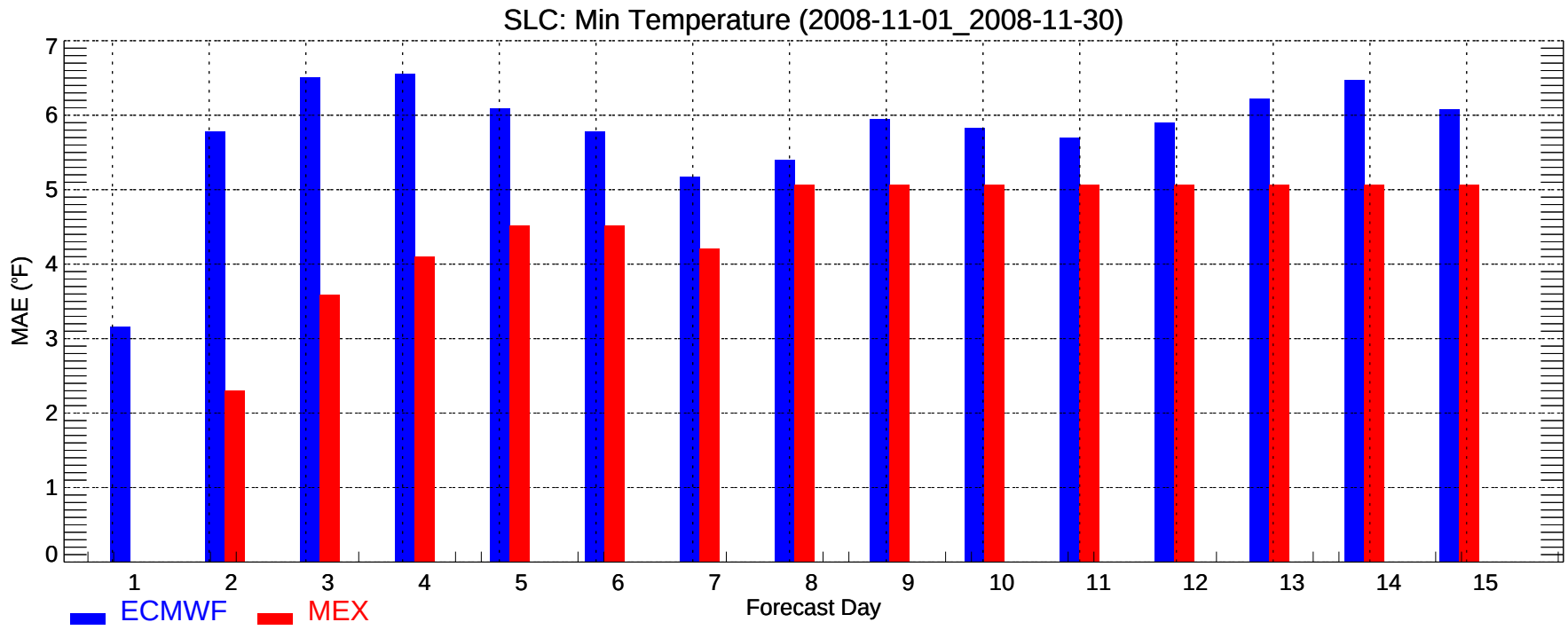
Forecast Day
ECMWF
MEX


SLC: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
1
2
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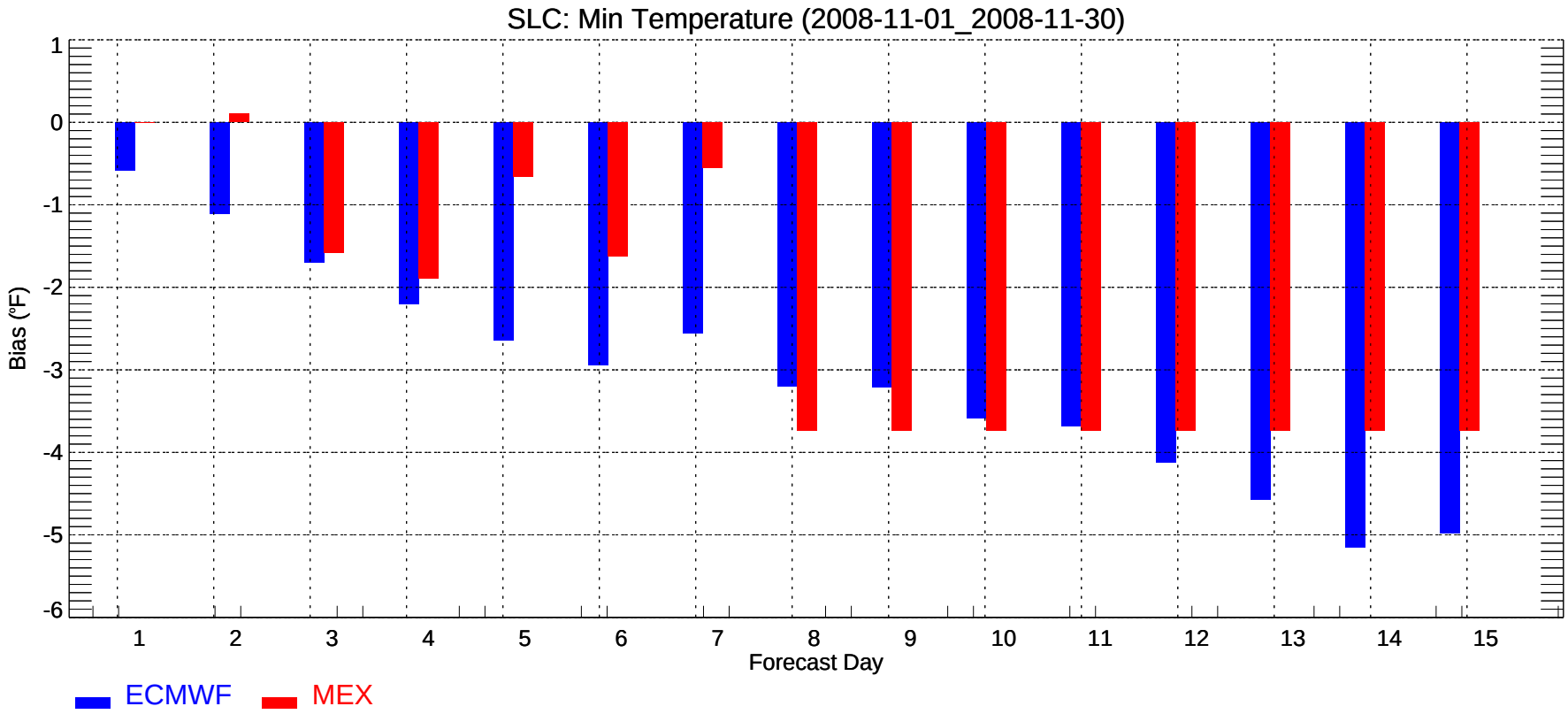
Forecast Day
ECMWF
MEX


SLC: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
-4
-5
-6
1
2
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7
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11
12
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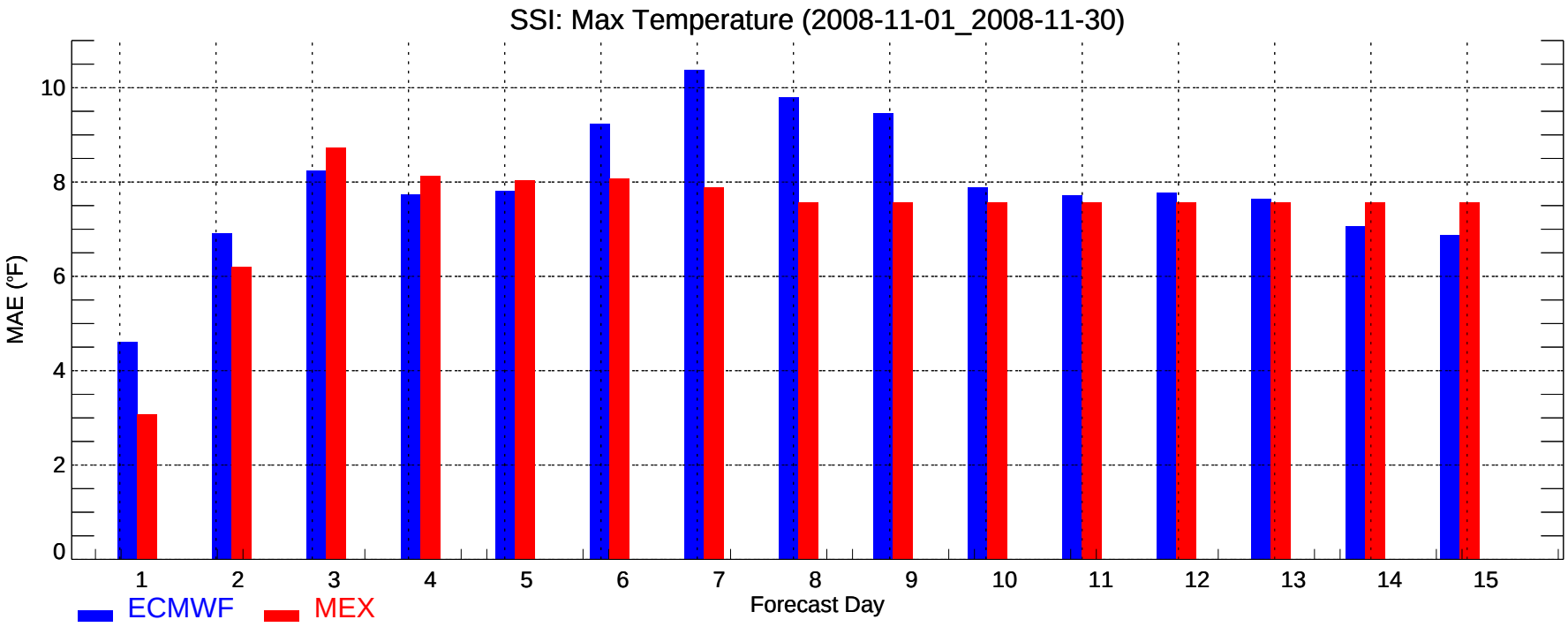
14
15
Forecast Day
ECMWF
MEX


SSI: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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2
4
6
8
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5
6
7
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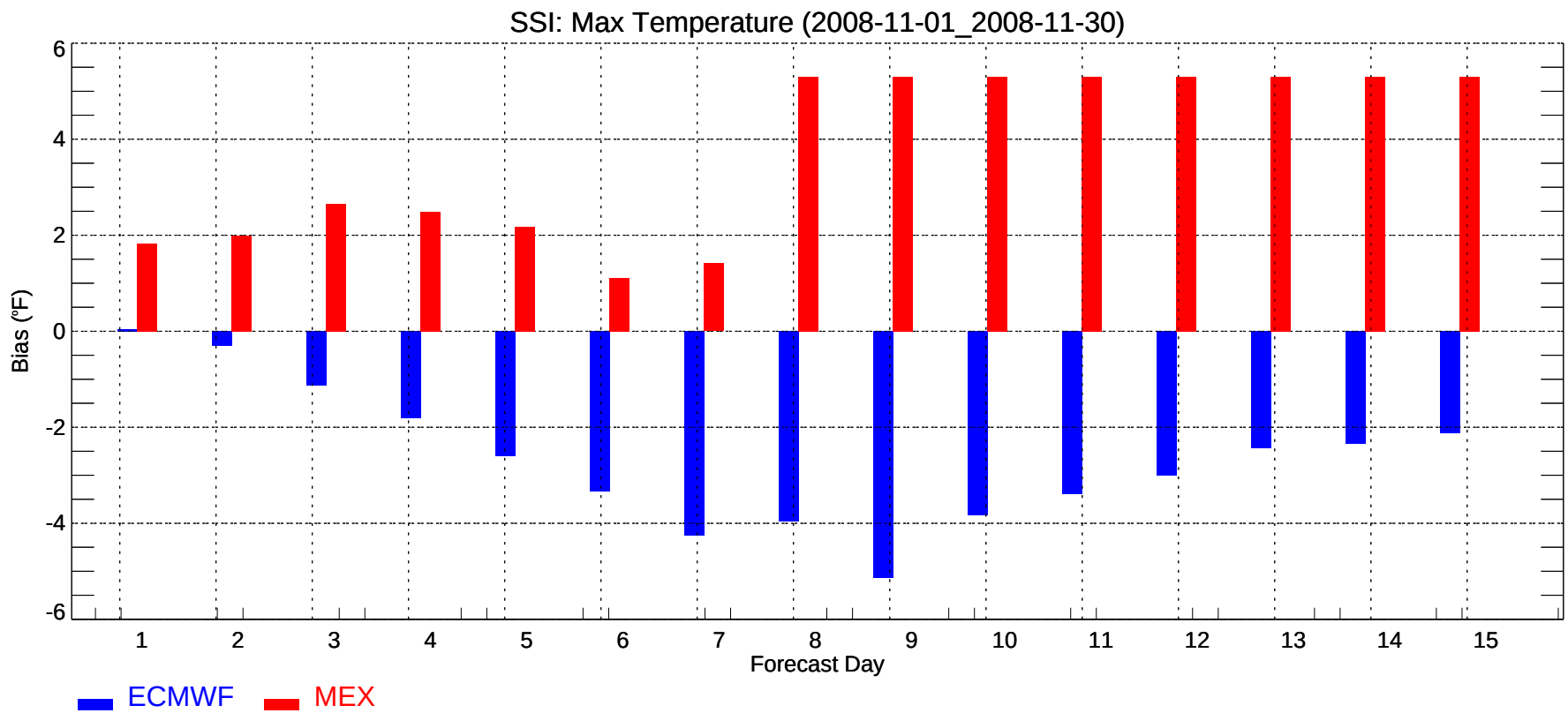
11
12
13
14
15
Forecast Day
ECMWF
MEX


SSI: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
6
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
8
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10
11
12
13
14
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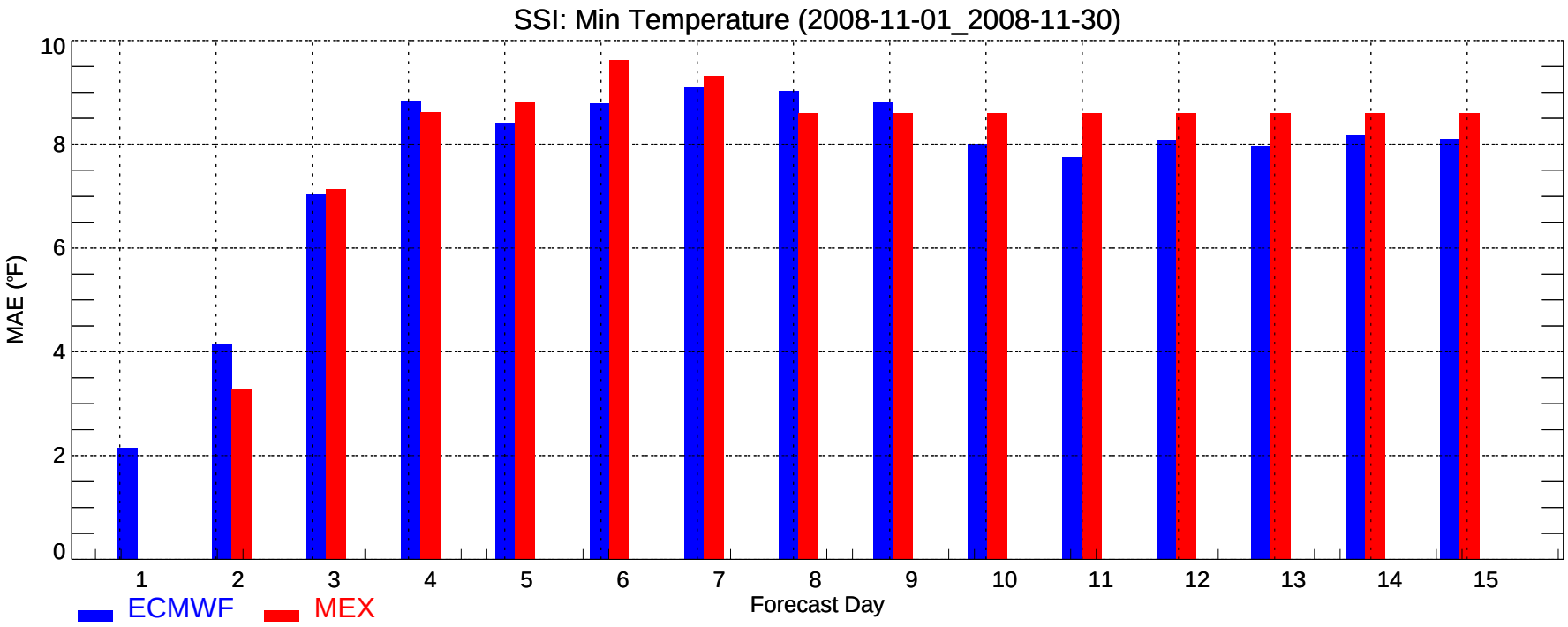
Forecast Day
ECMWF
MEX


SSI: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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11
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13
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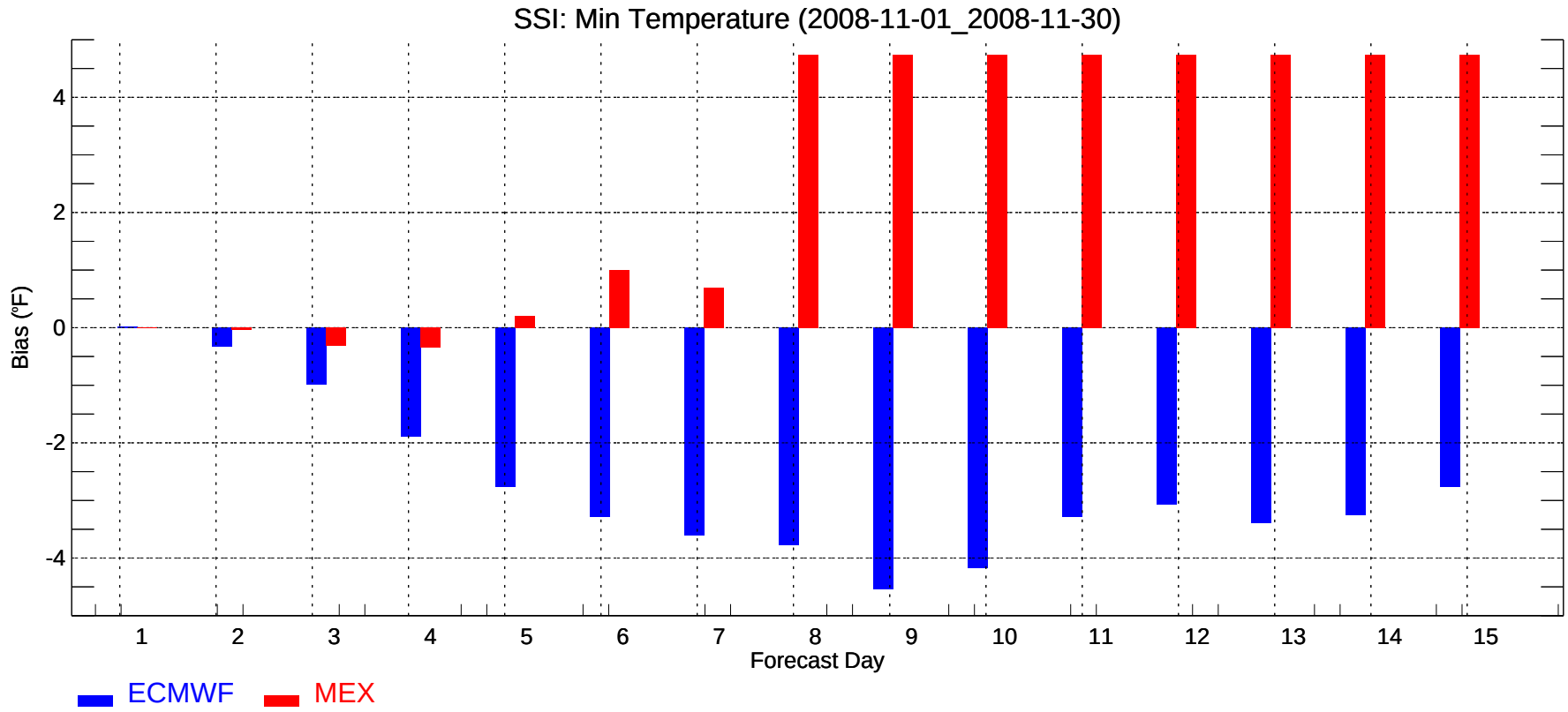
15
Forecast Day
ECMWF
MEX


SSI: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
-4
-2
0
2
4
1
2
3
4
5
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7
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13
14
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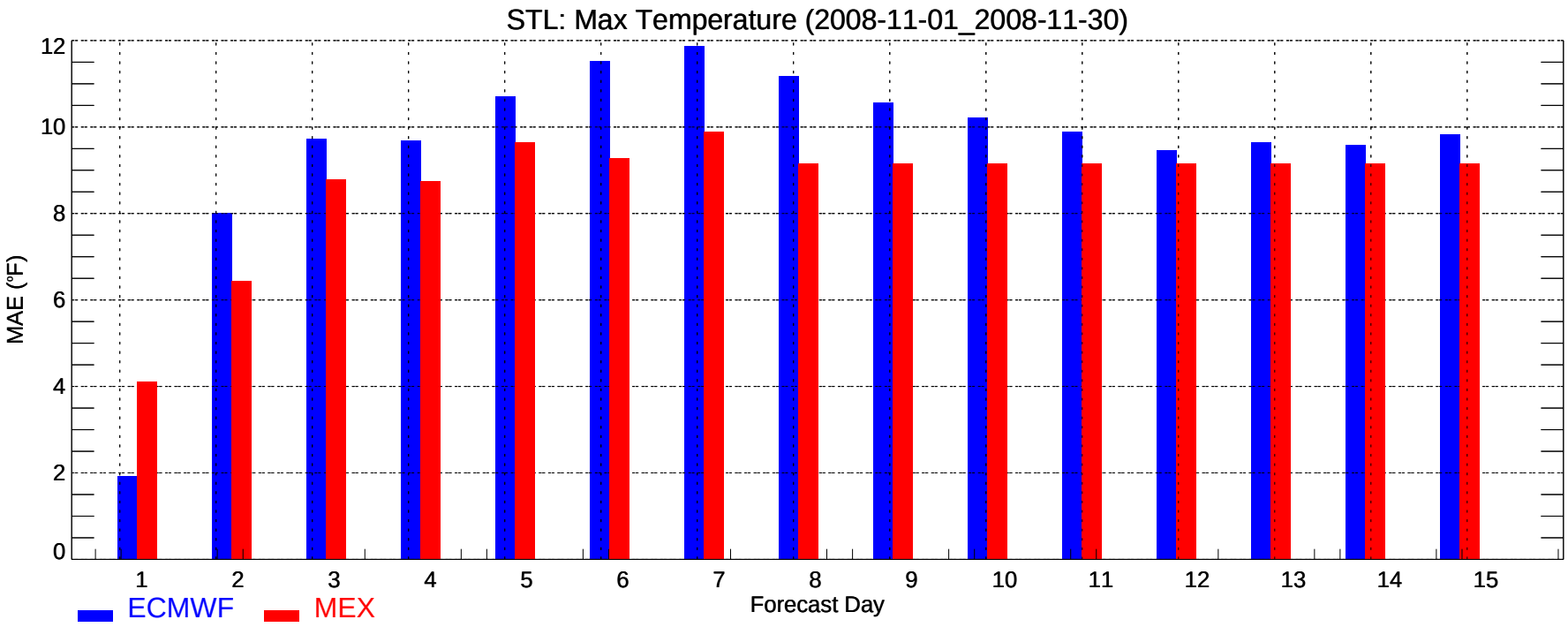
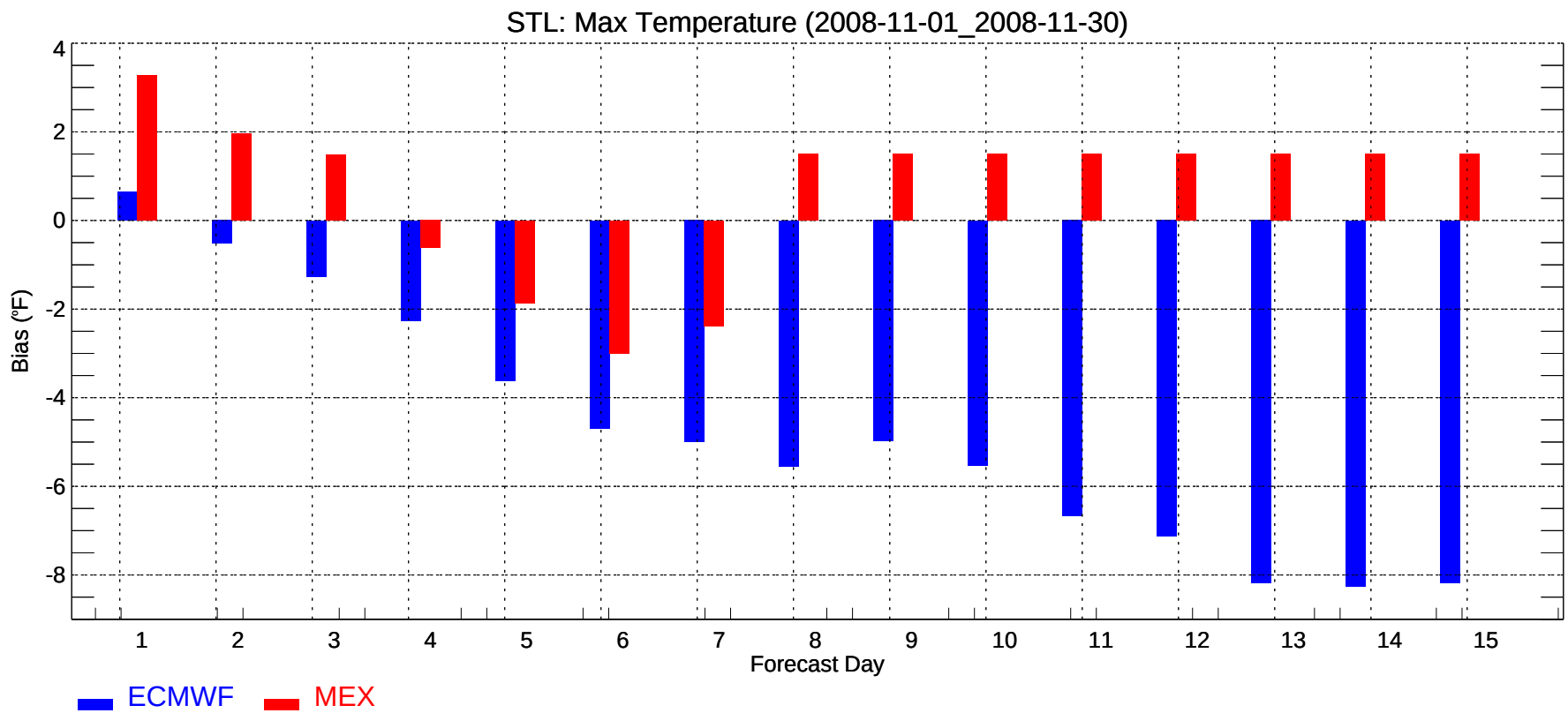
Forecast Day
ECMWF
MEX


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


STL: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
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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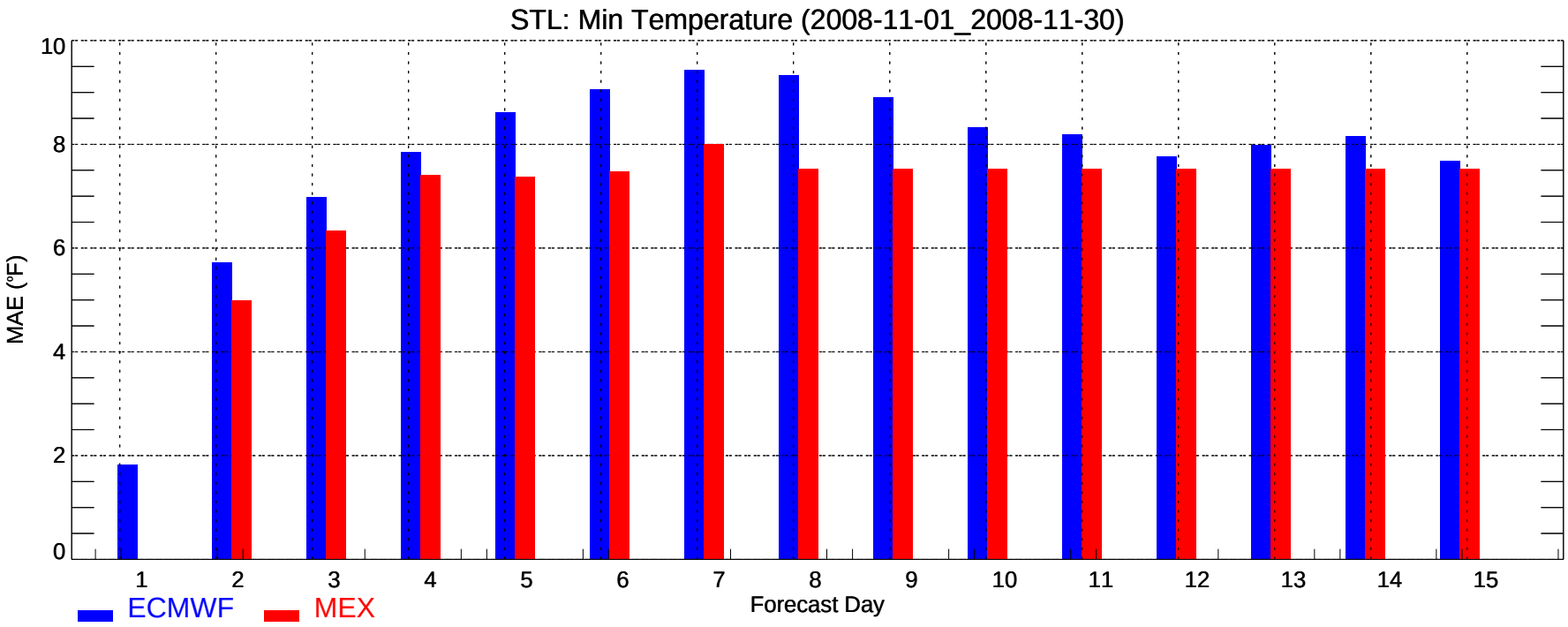
Forecast Day
ECMWF
MEX


STL: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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11
12
13
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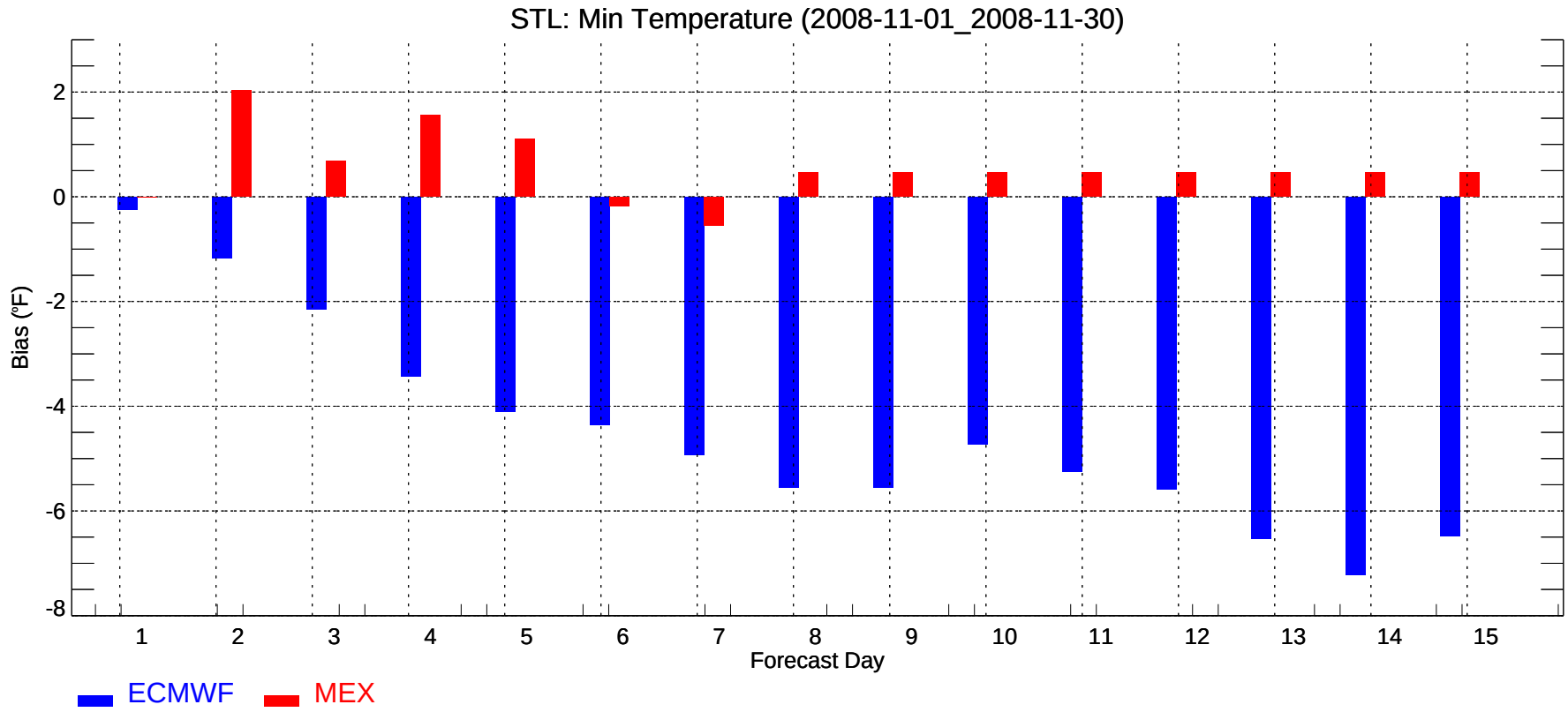
15
Forecast Day
ECMWF
MEX


STL: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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5
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7
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13
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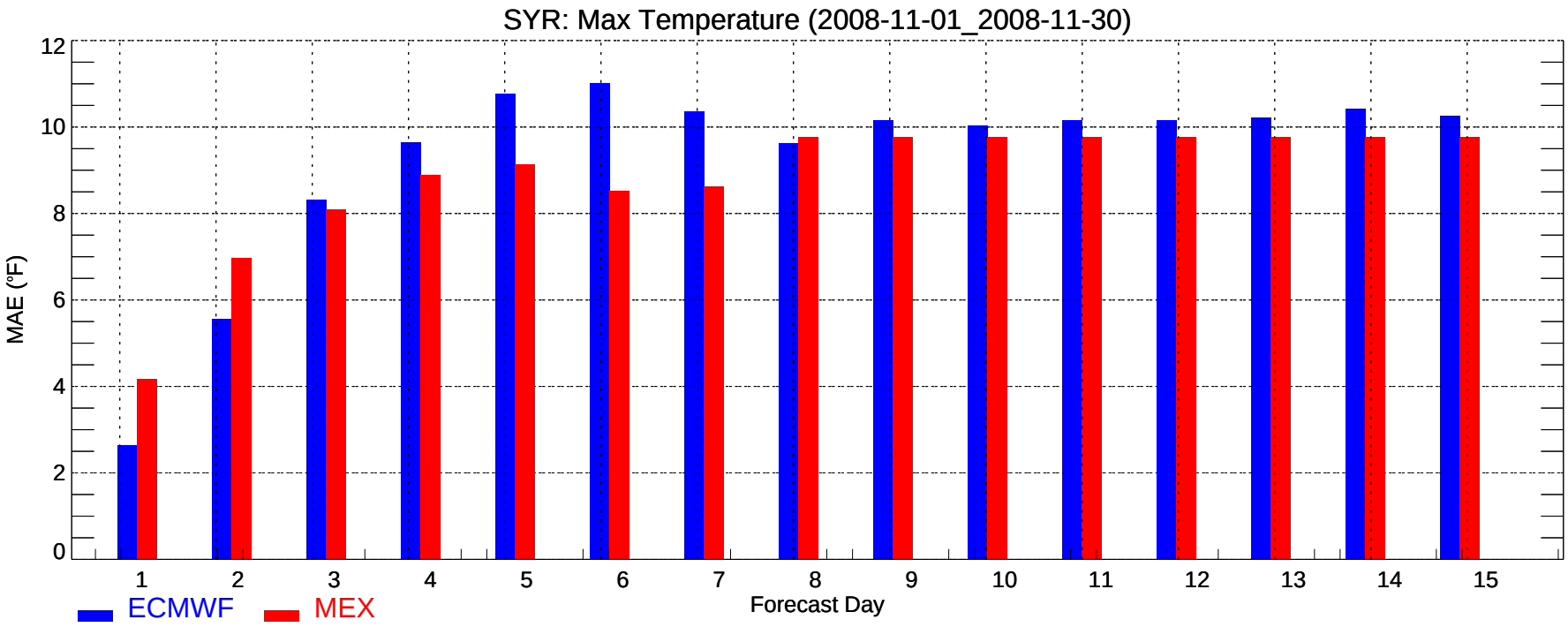
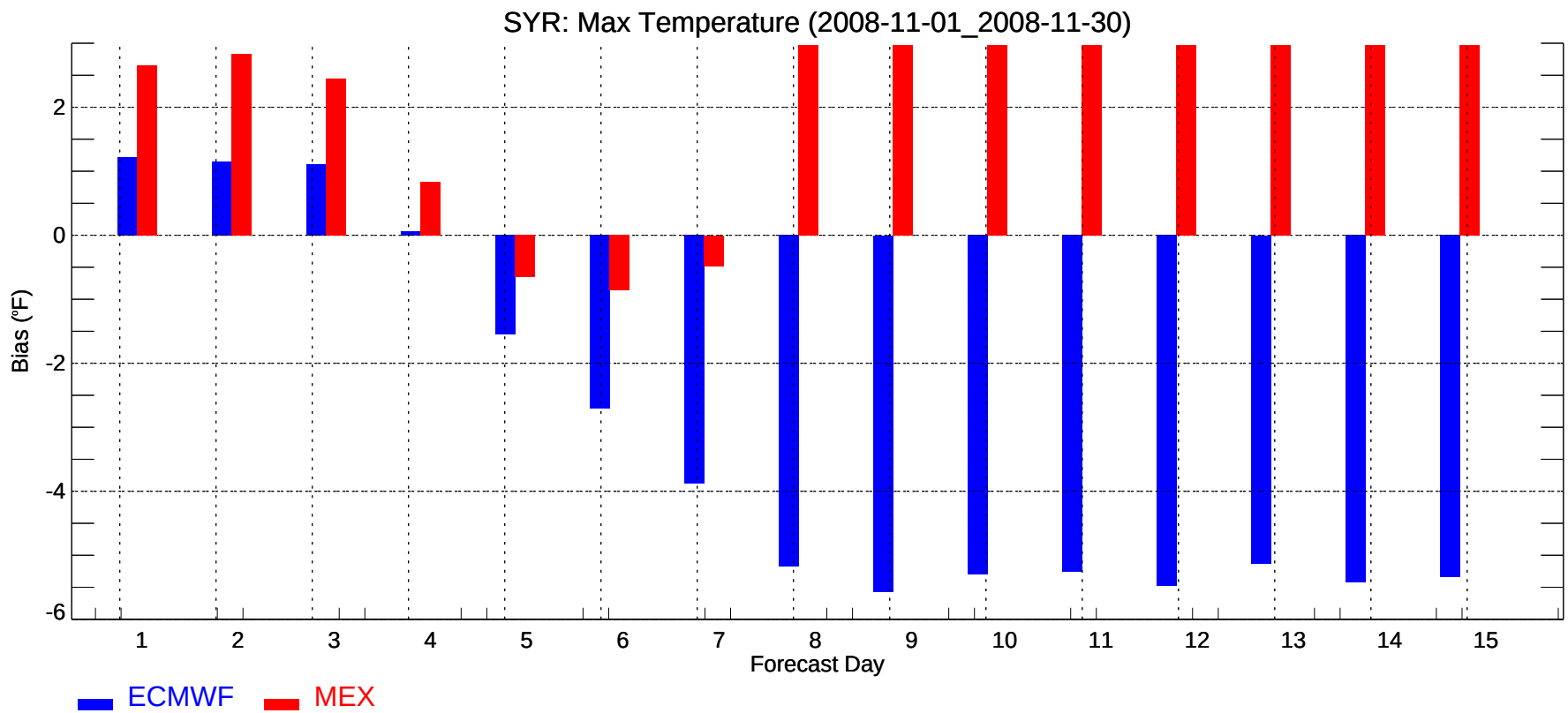
Forecast Day
ECMWF
MEX


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


SYR: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
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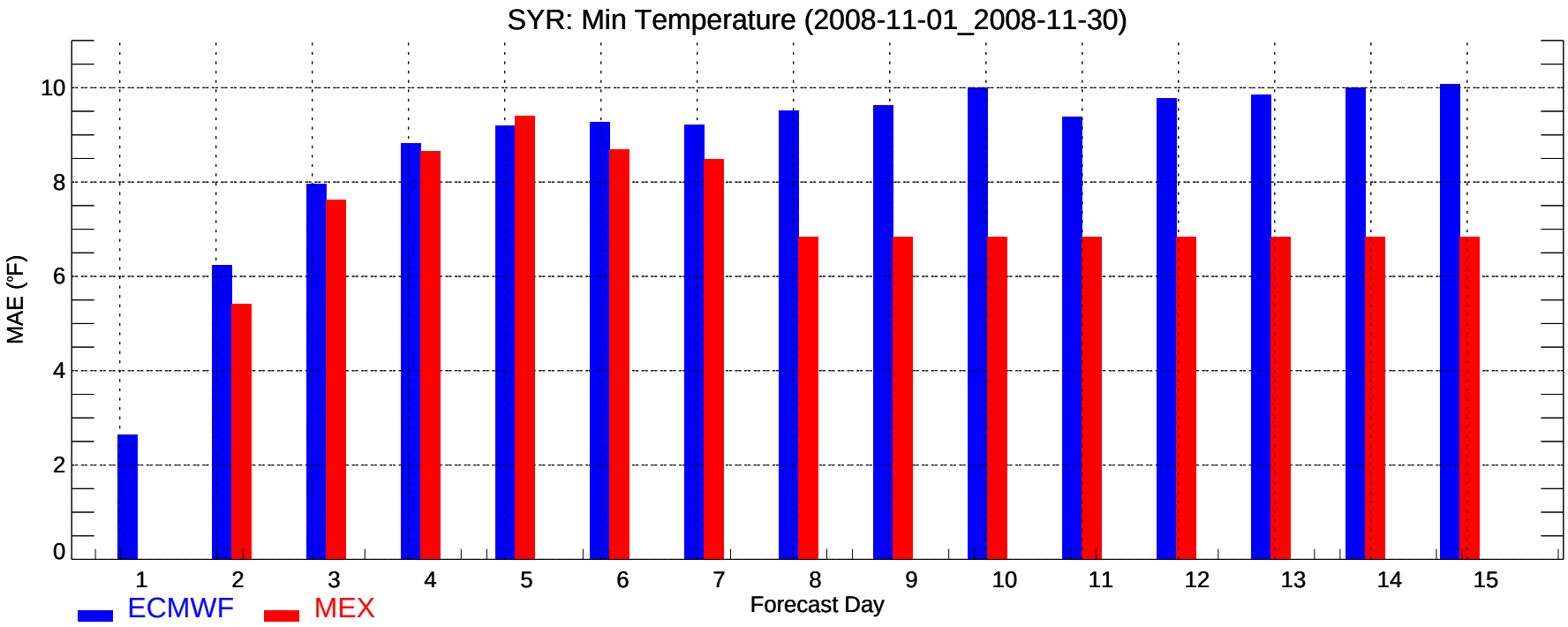
13
14
15
Forecast Day
ECMWF
MEX


SYR: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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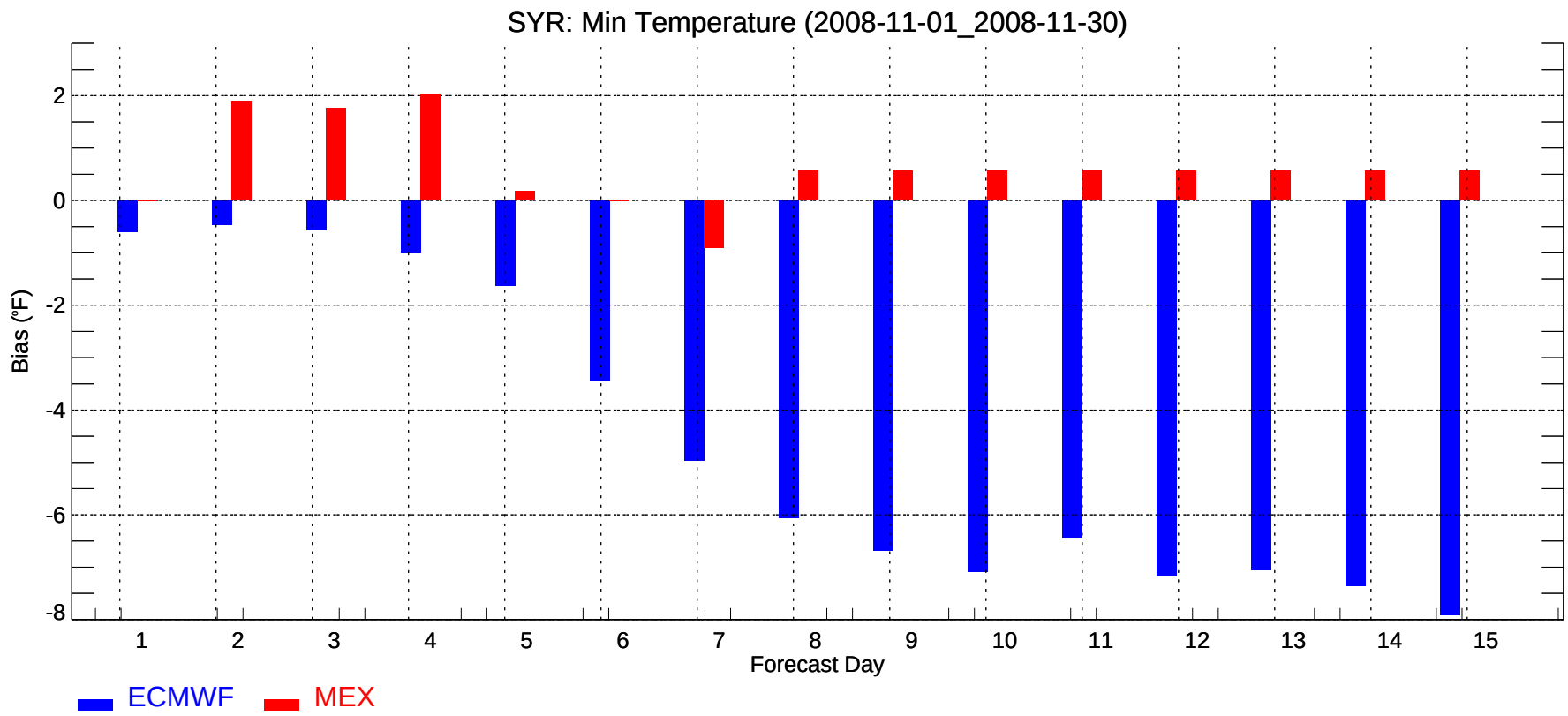
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


SYR: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
3
4
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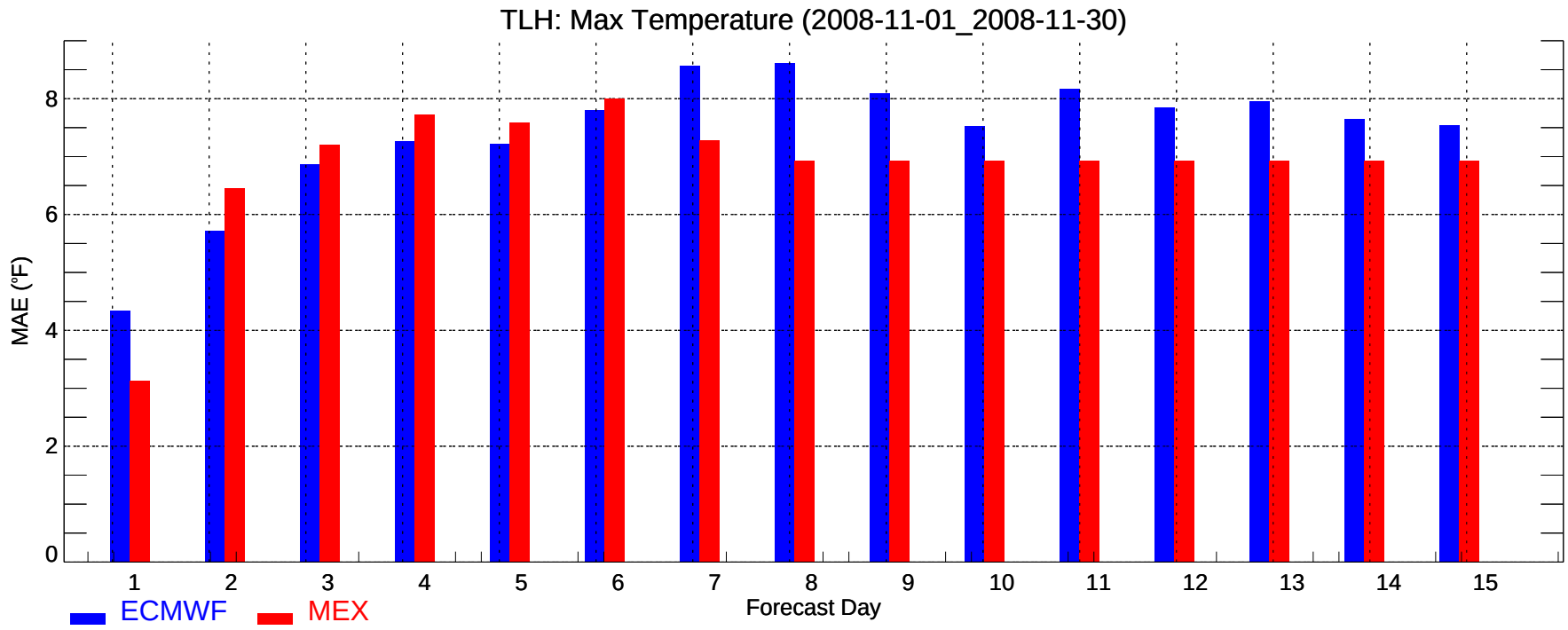
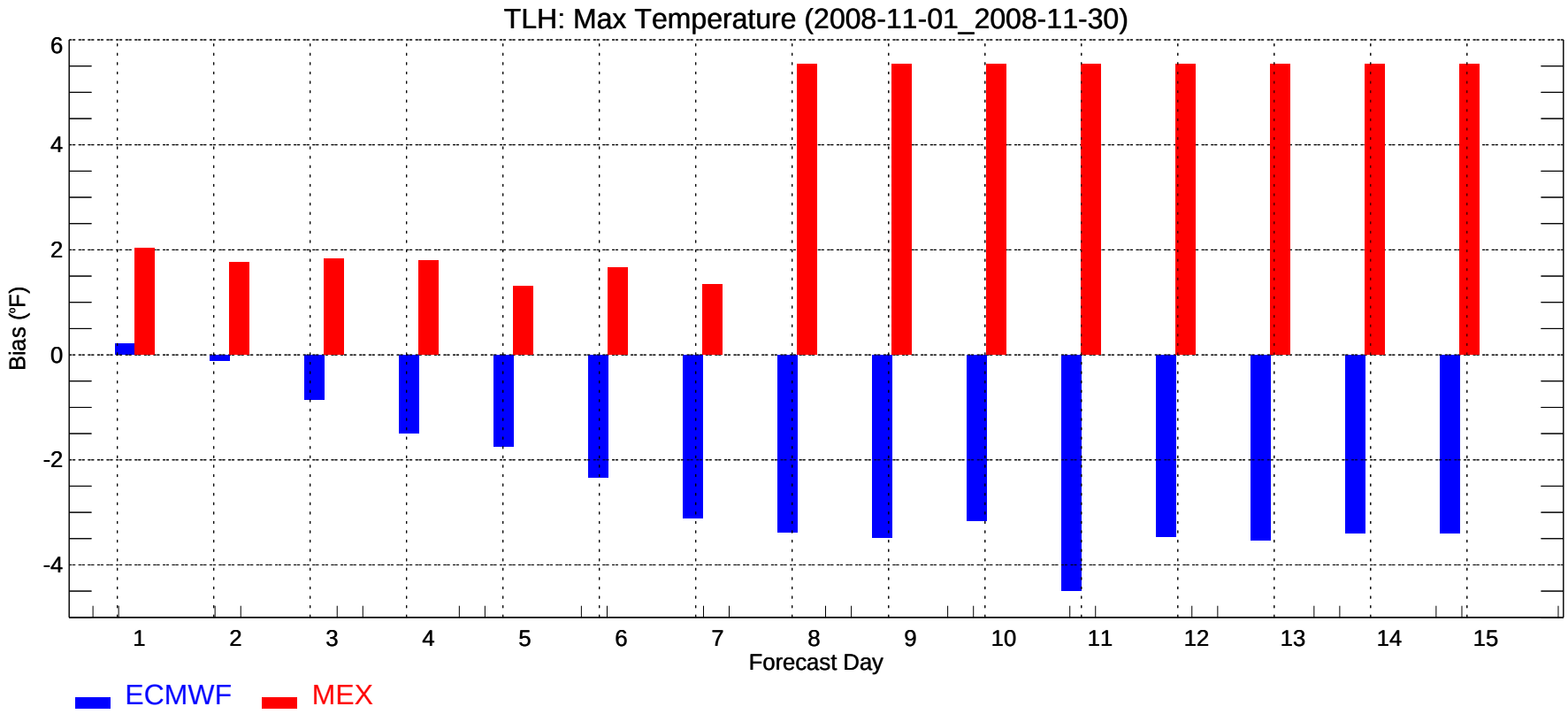
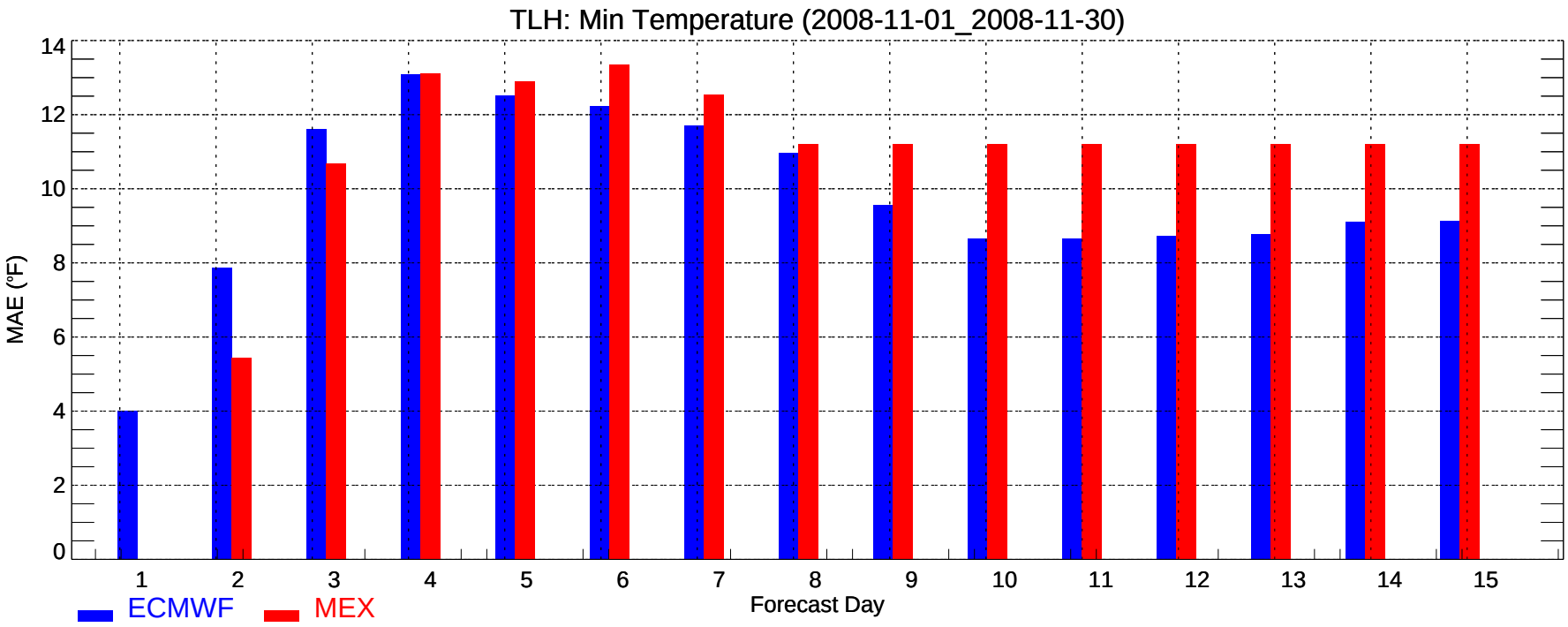
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


TLH: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
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


TLH: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
7
8
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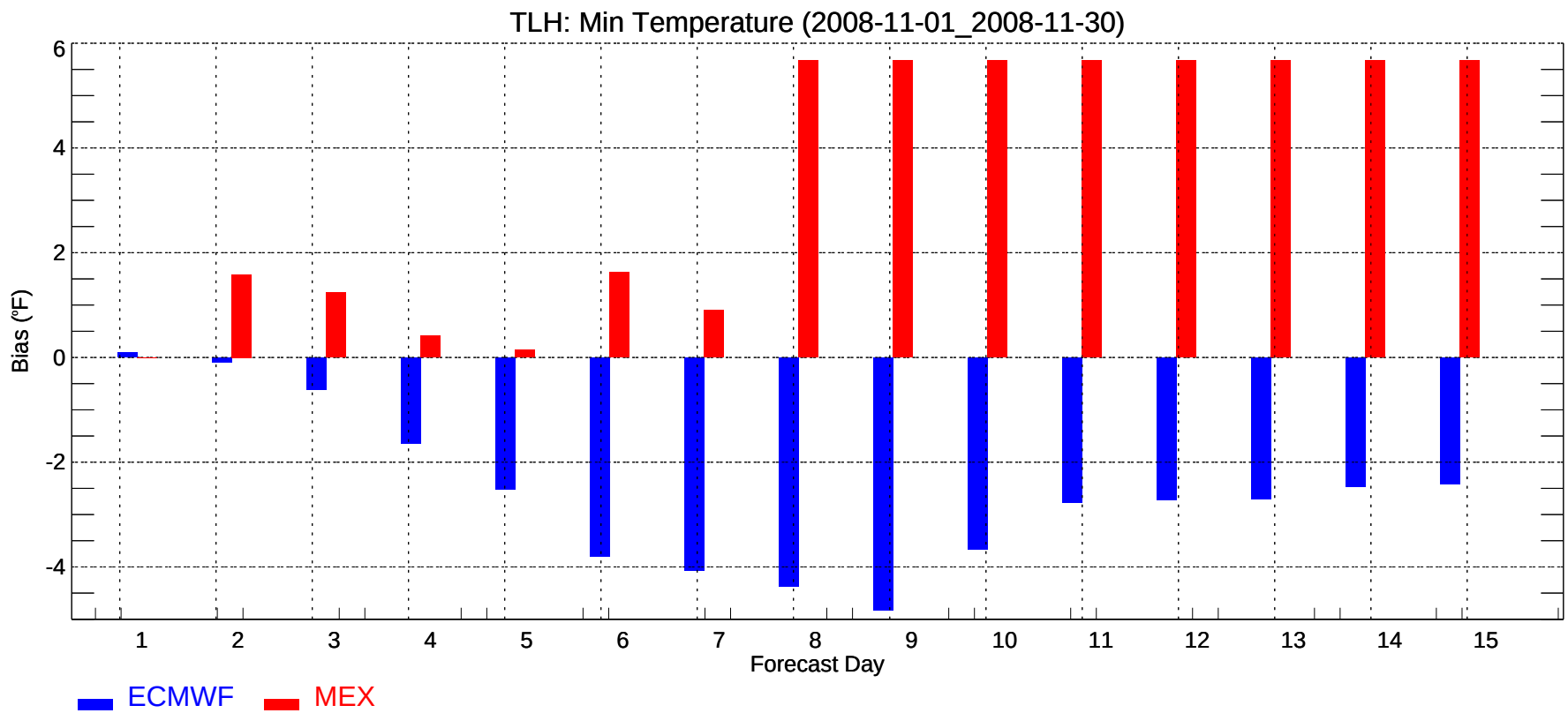
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TLH: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
-4
-2
0
2
4
6
1
2
3
4
5
6
7
8
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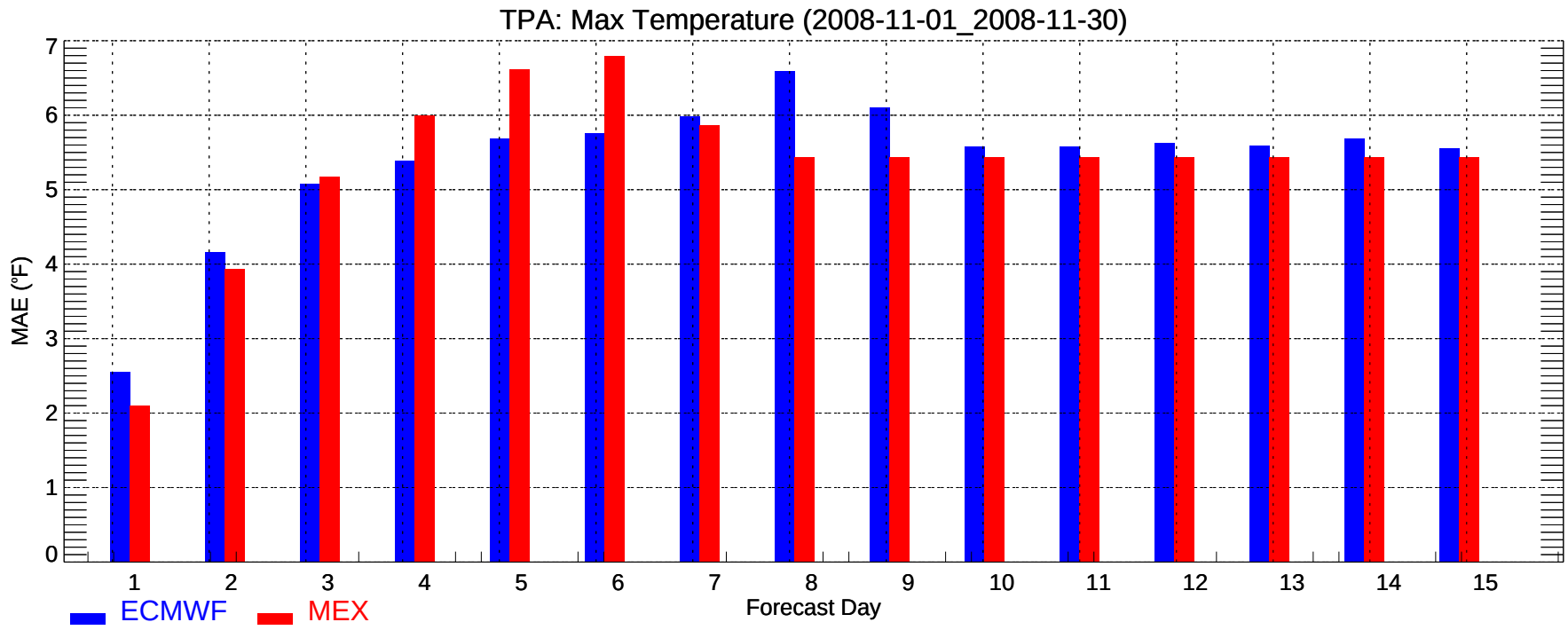
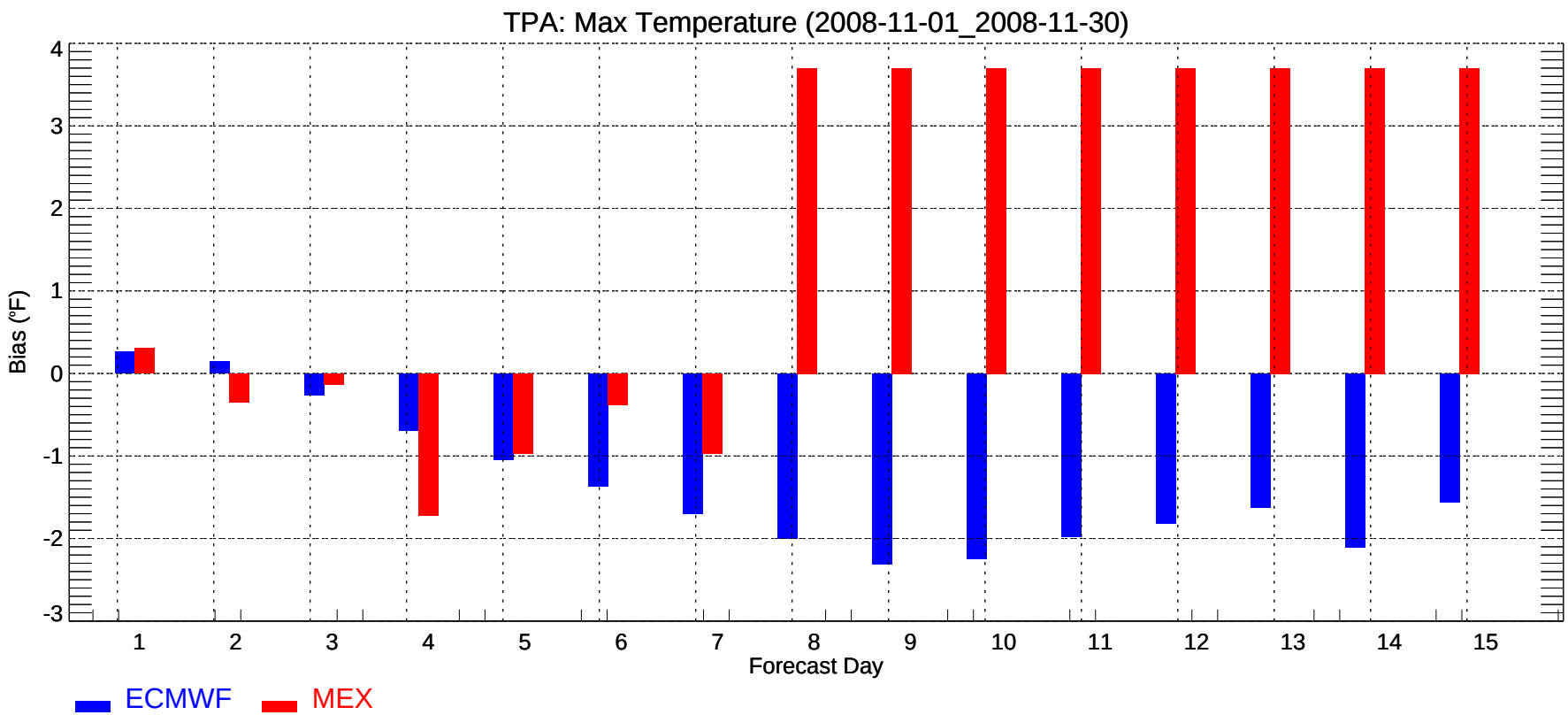
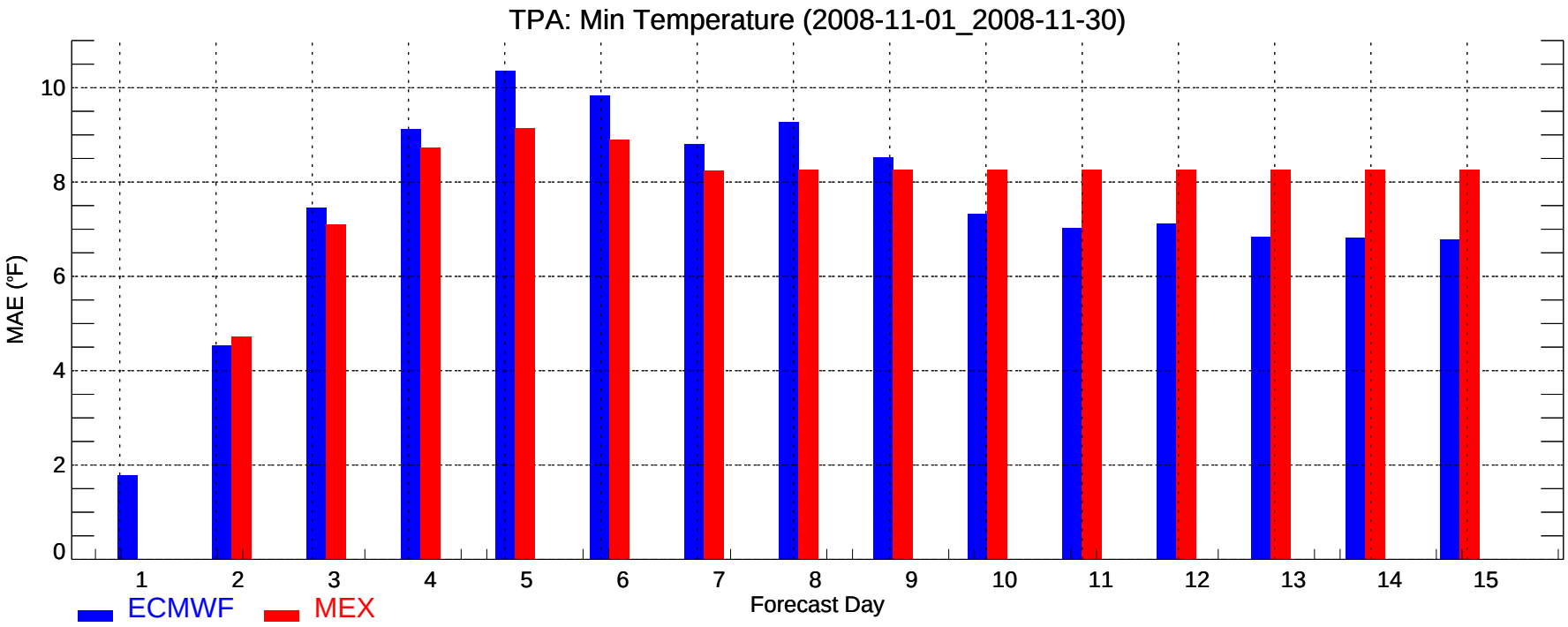
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


TPA: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
-3
-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


TPA: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
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5
6
7
8
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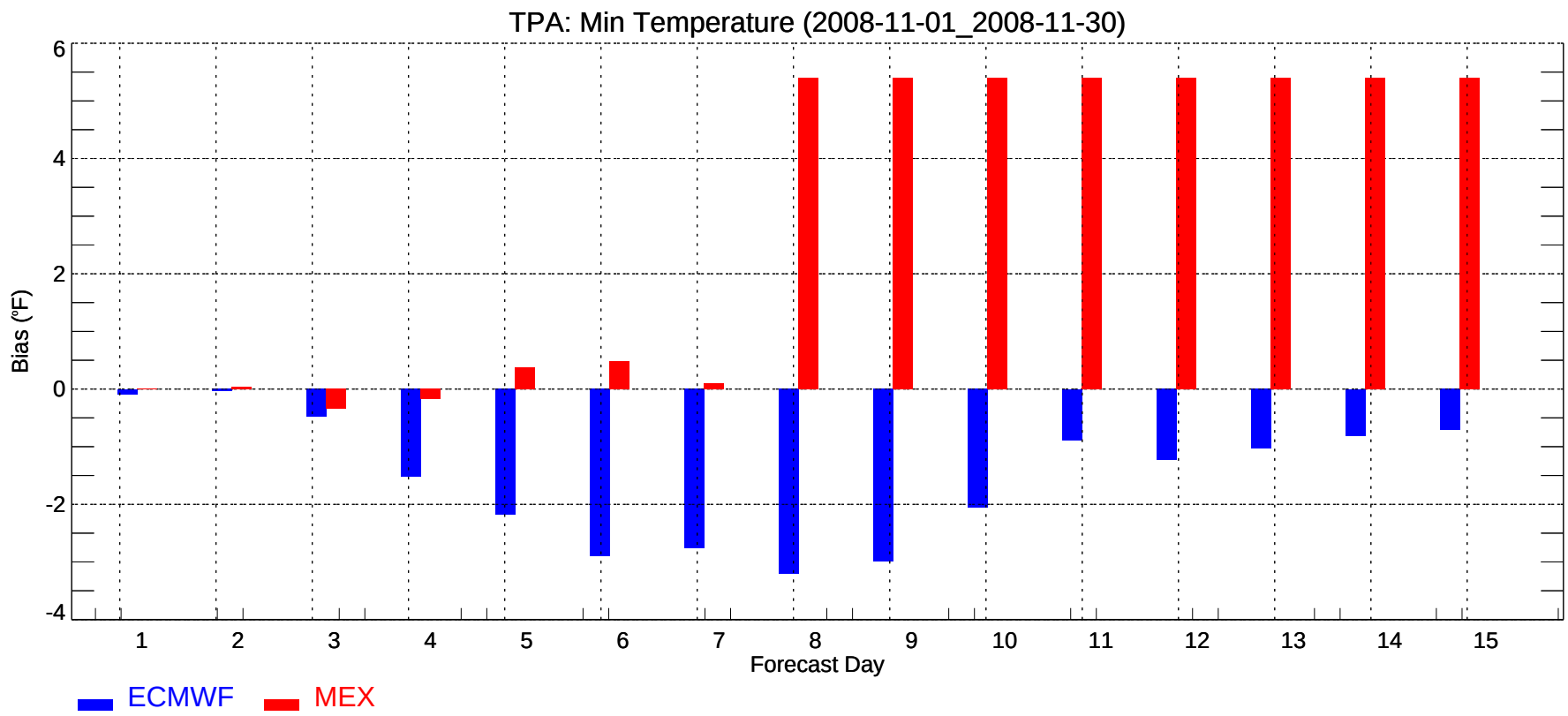
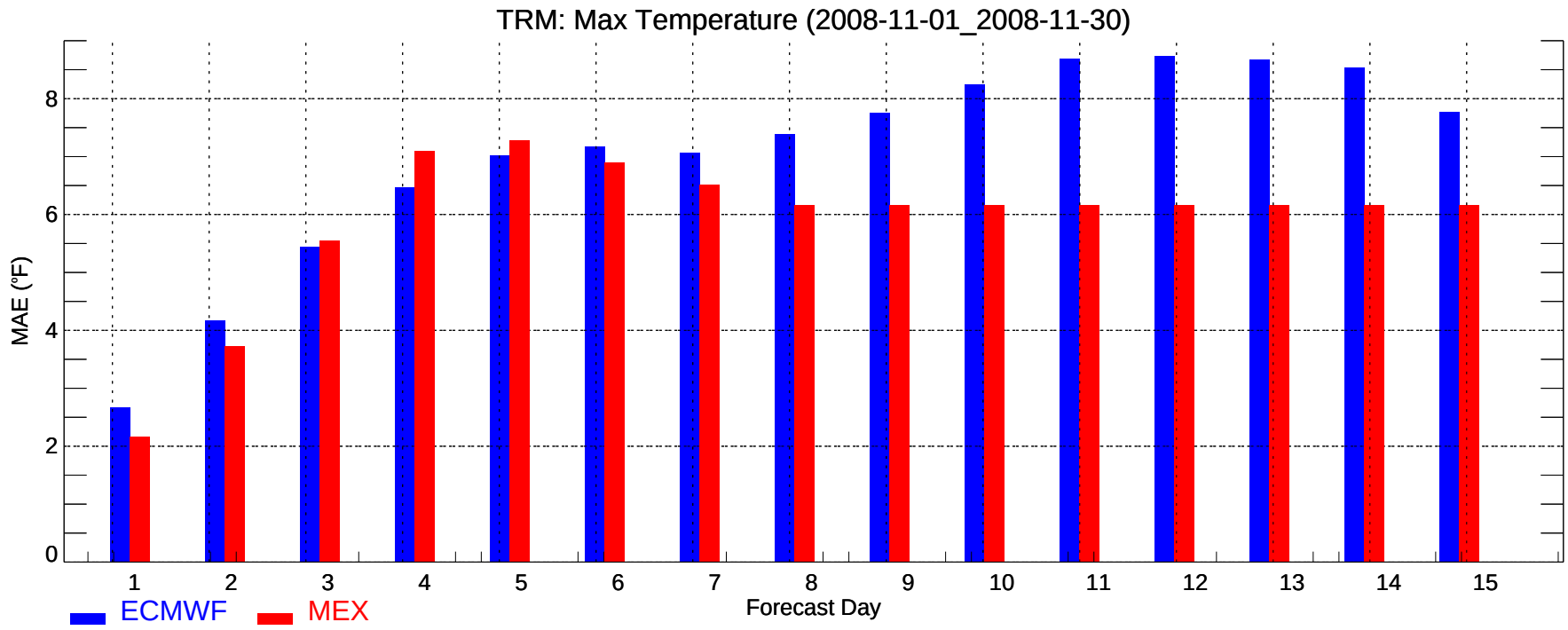
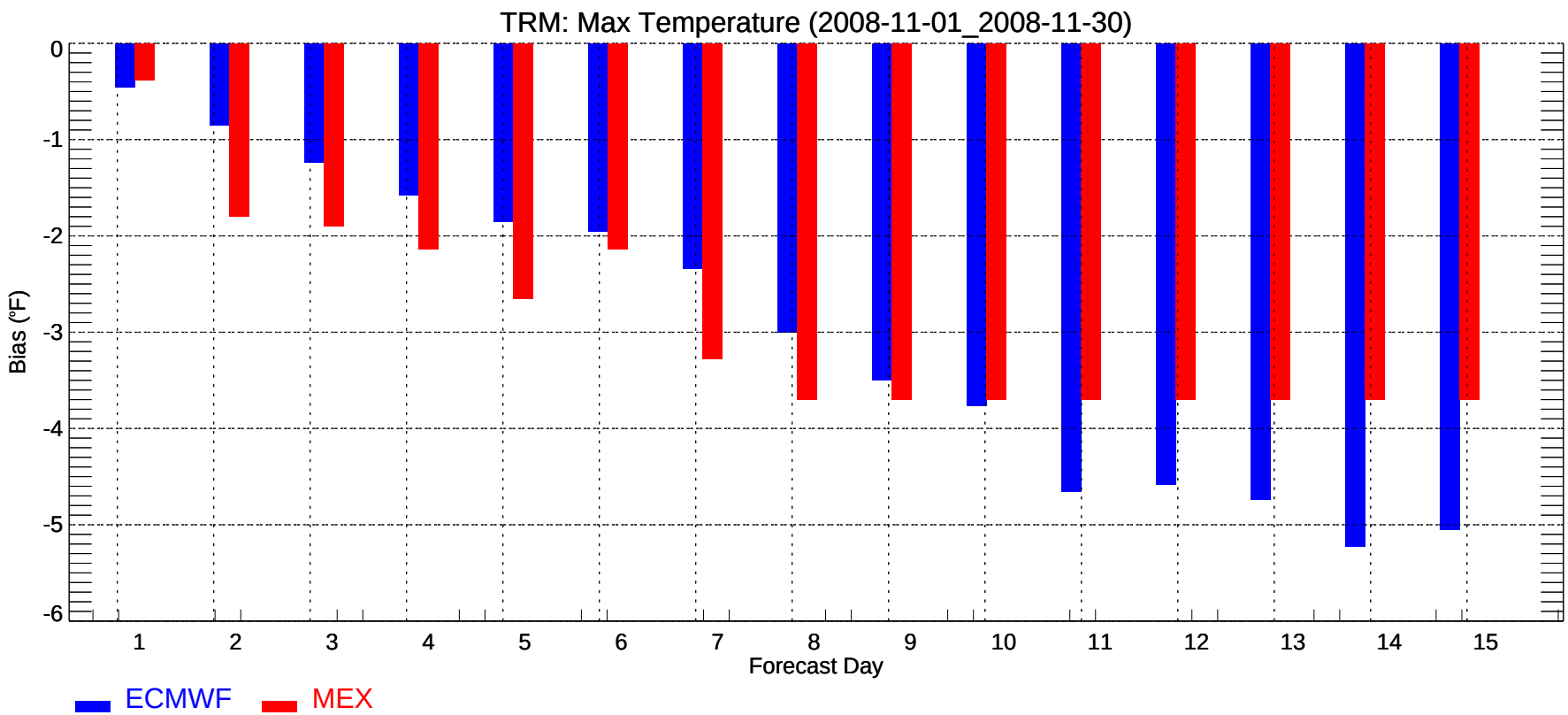
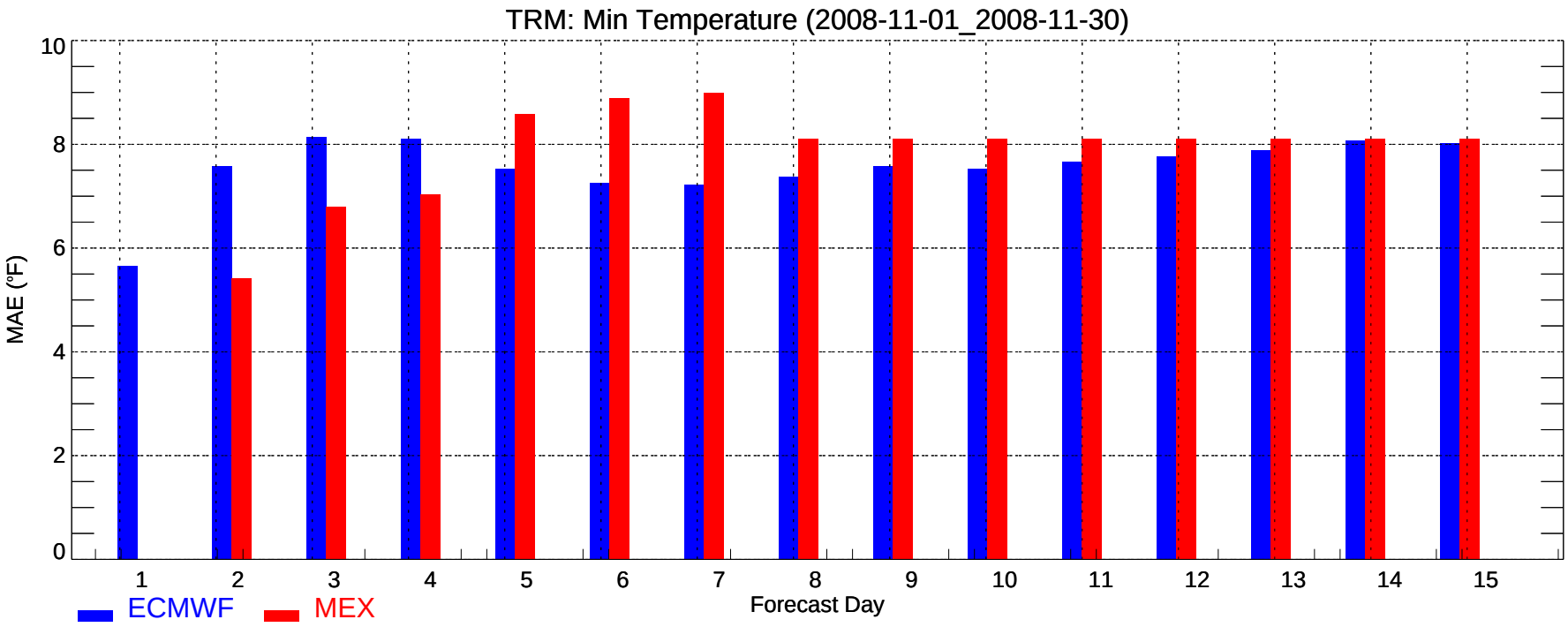
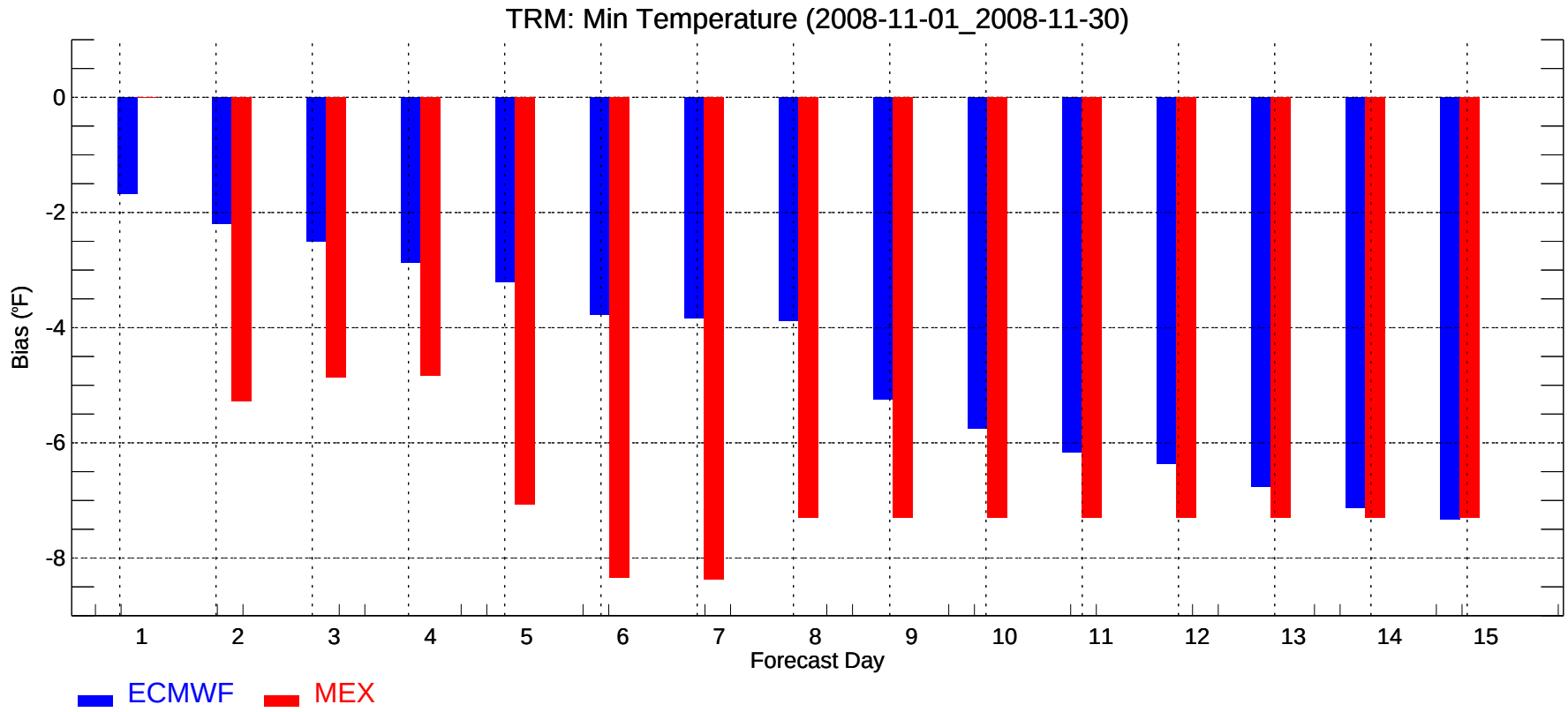
11
12
13
14
15
Forecast Day
ECMWF
MEX


TPA: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
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


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


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


TRM: Min Temperature (2008-11-01_2008-11-30)
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 (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
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6
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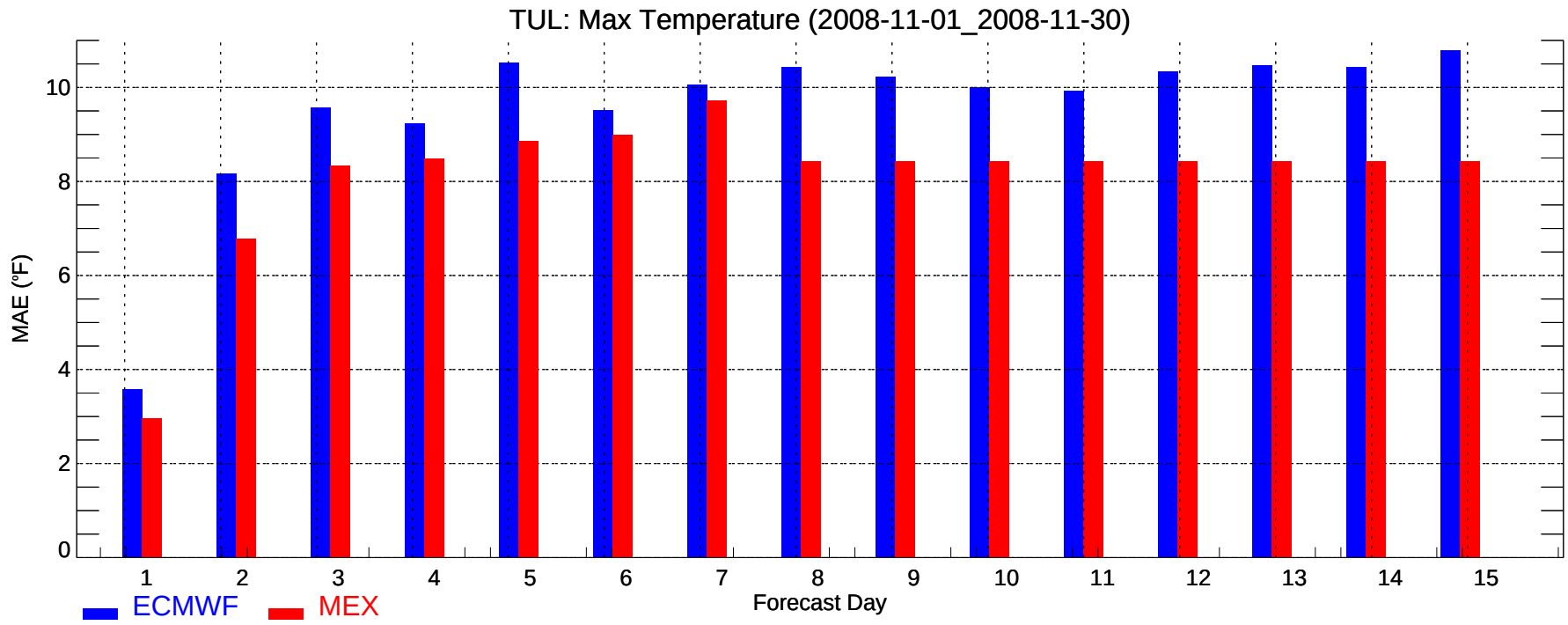
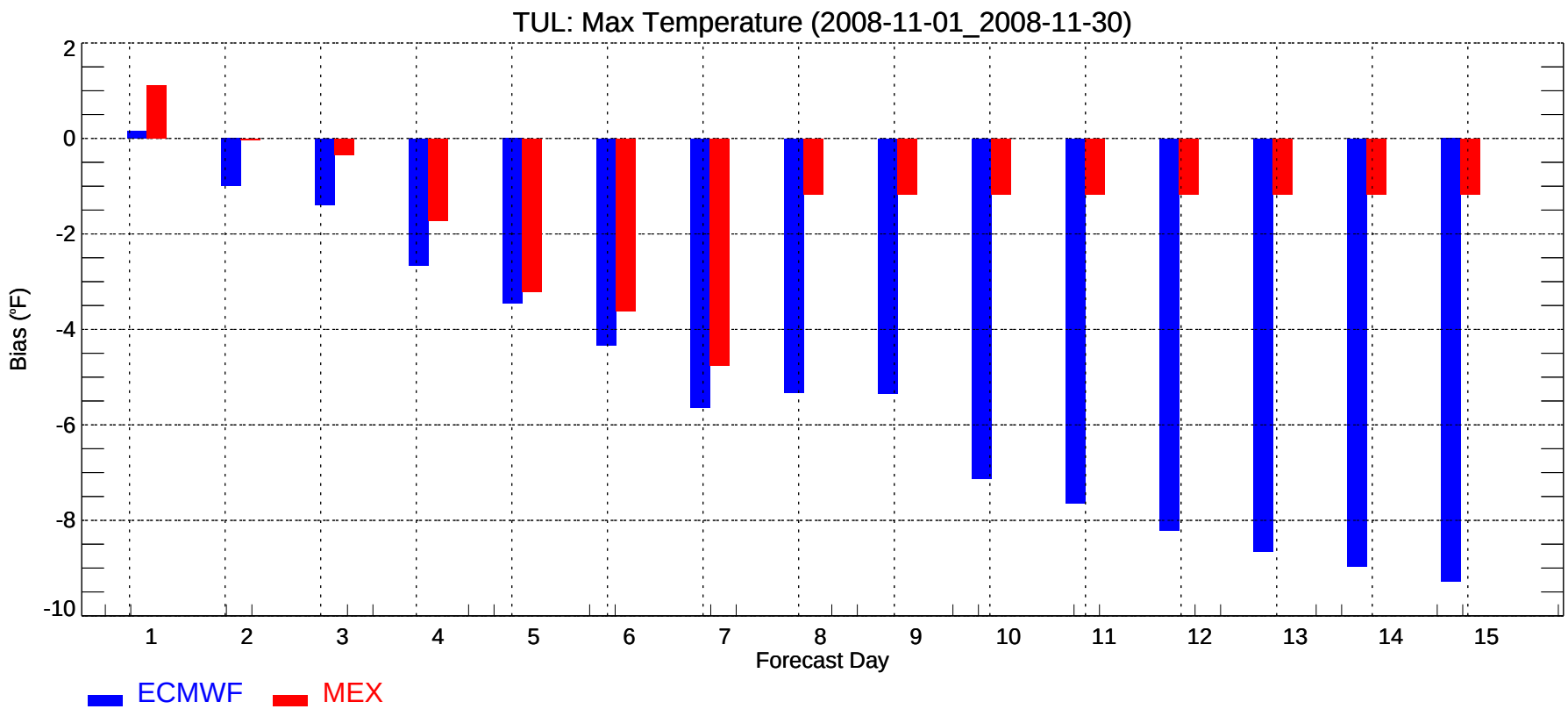
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUL: Max Temperature (2008-11-01_2008-11-30)
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: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
7
8
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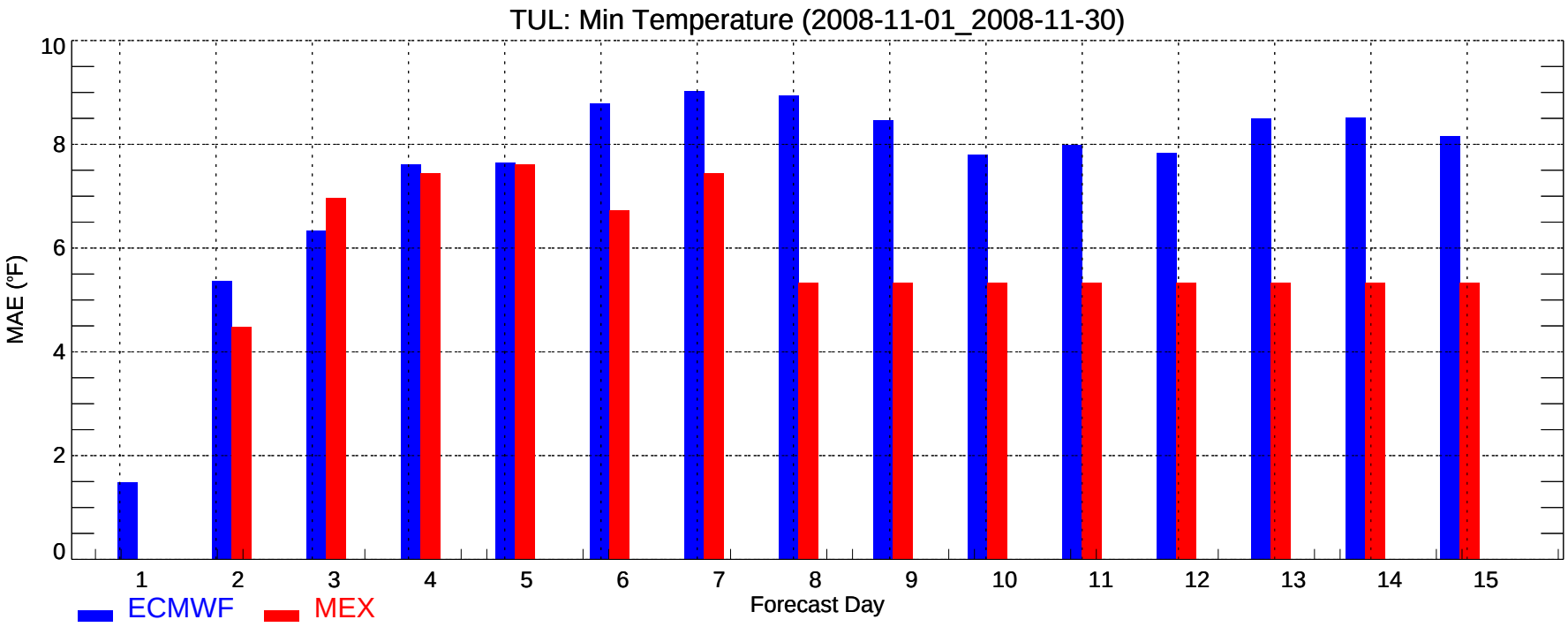
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


TUL: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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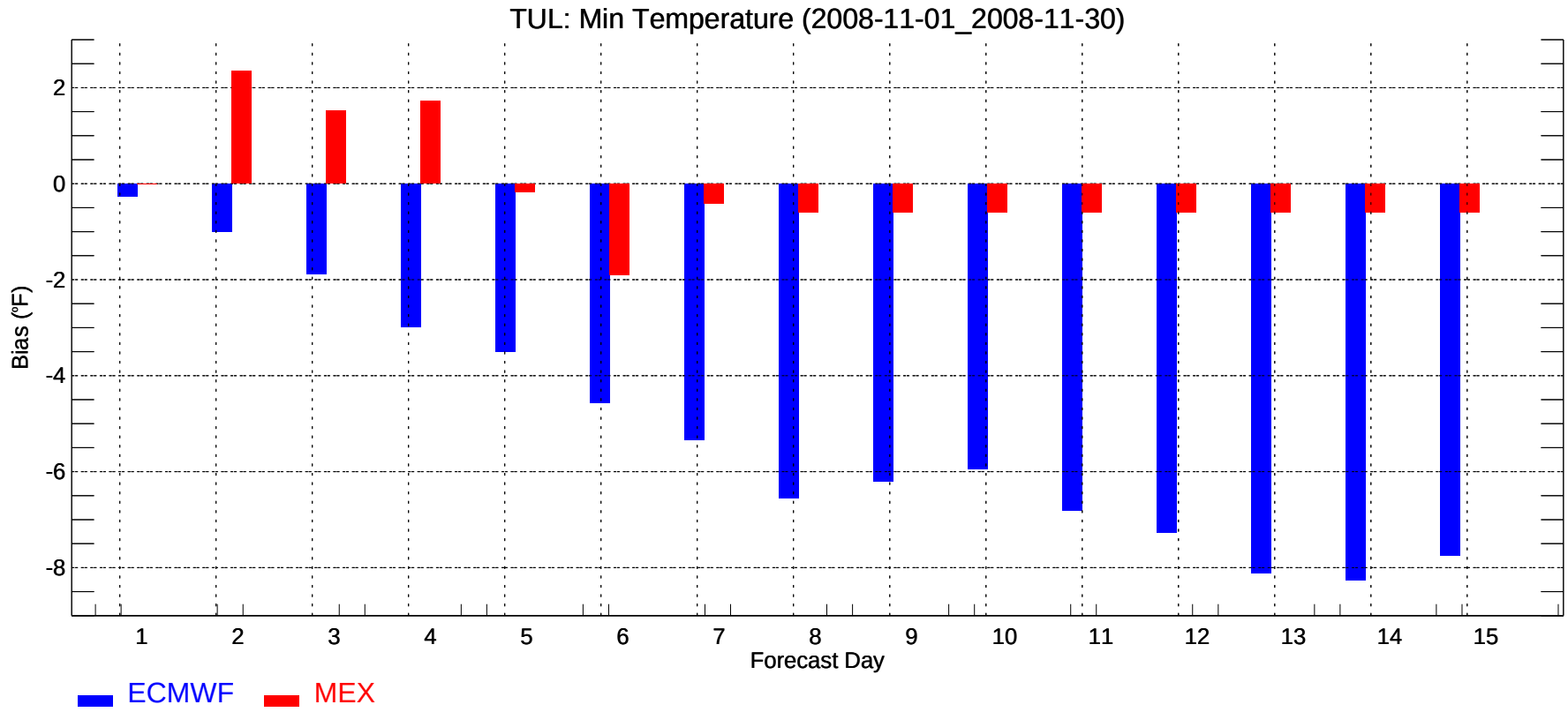
13
14
15
Forecast Day
ECMWF
MEX


TUL: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
-8
1
2
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5
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7
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13
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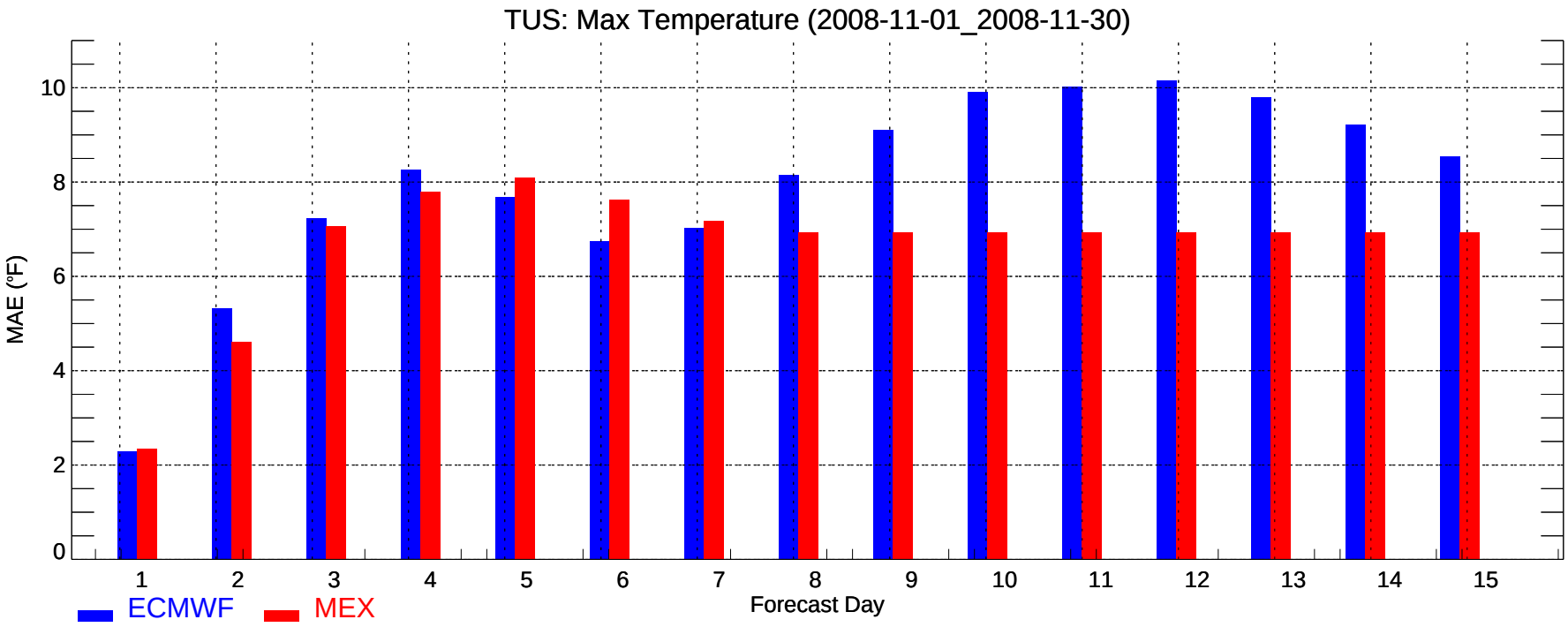
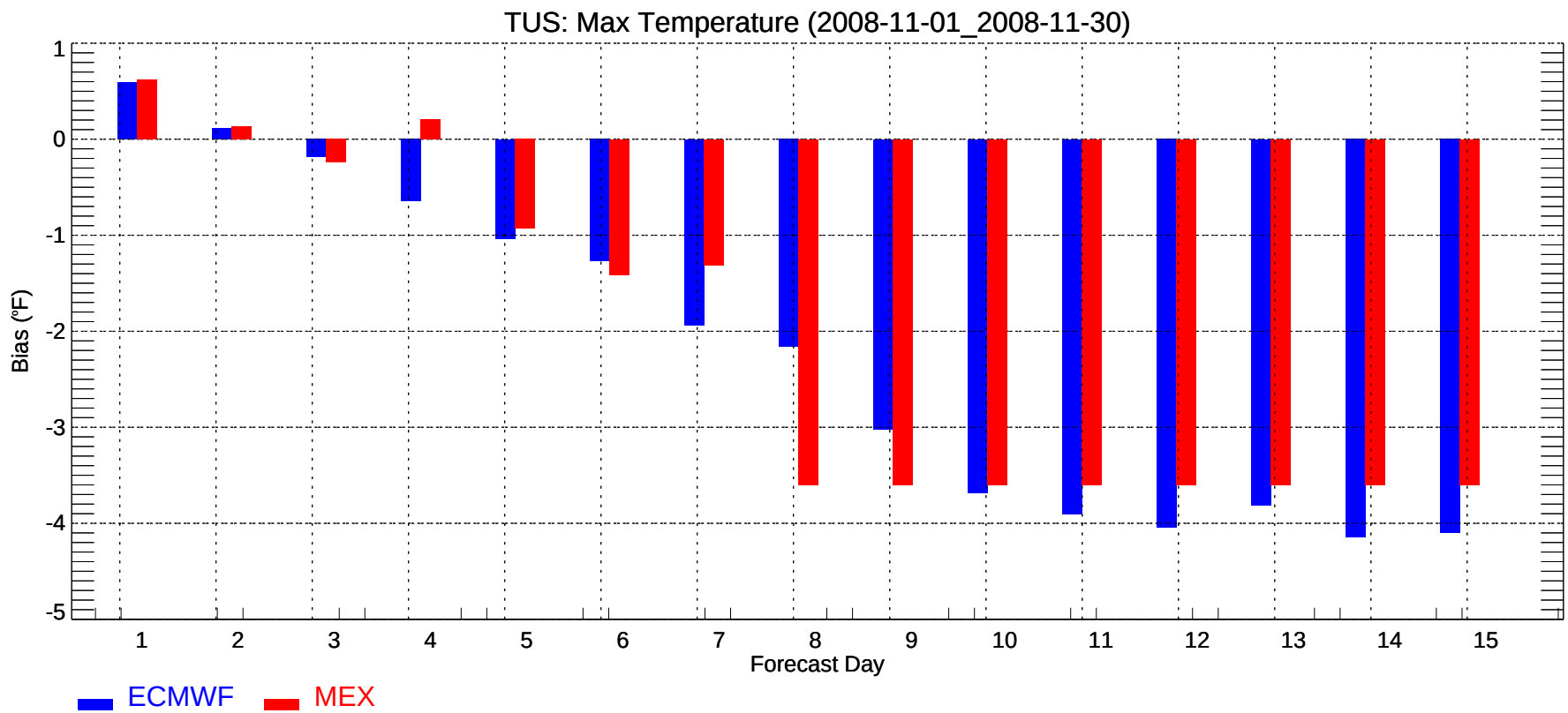
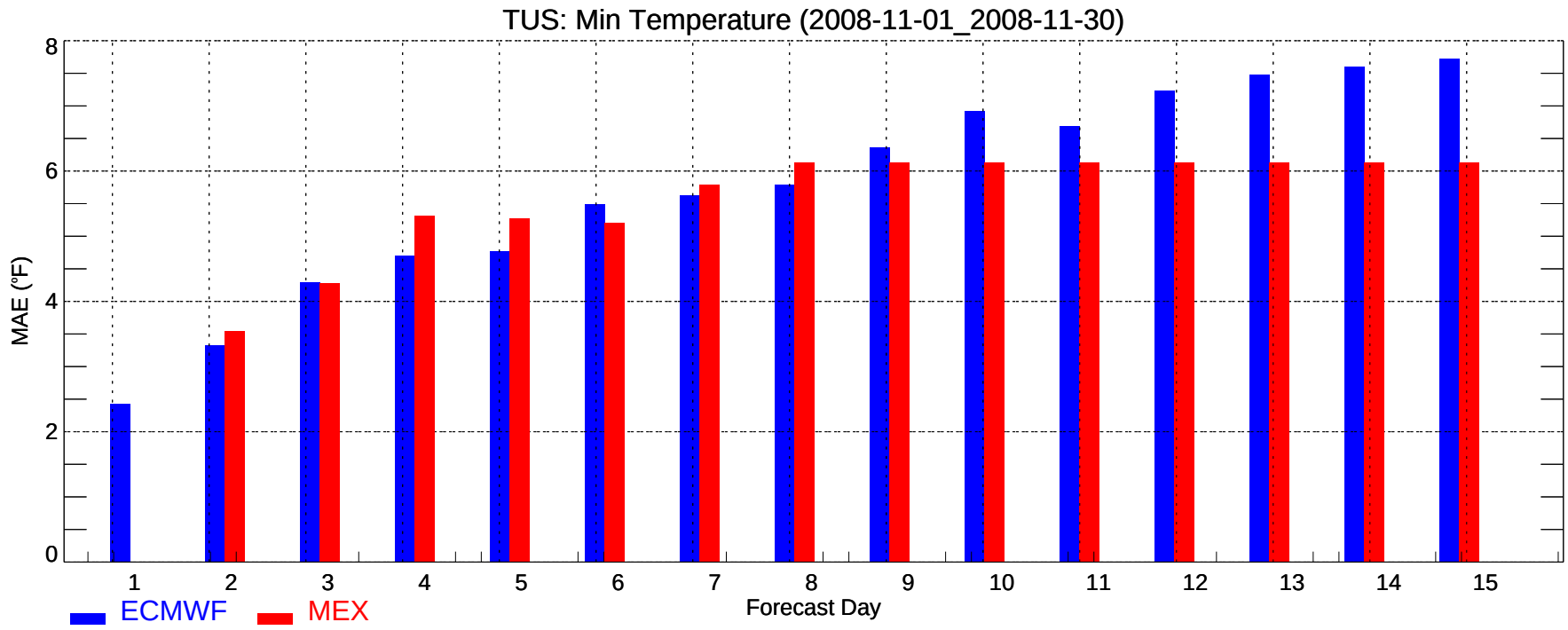
Forecast Day
ECMWF
MEX


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


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


TUS: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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14
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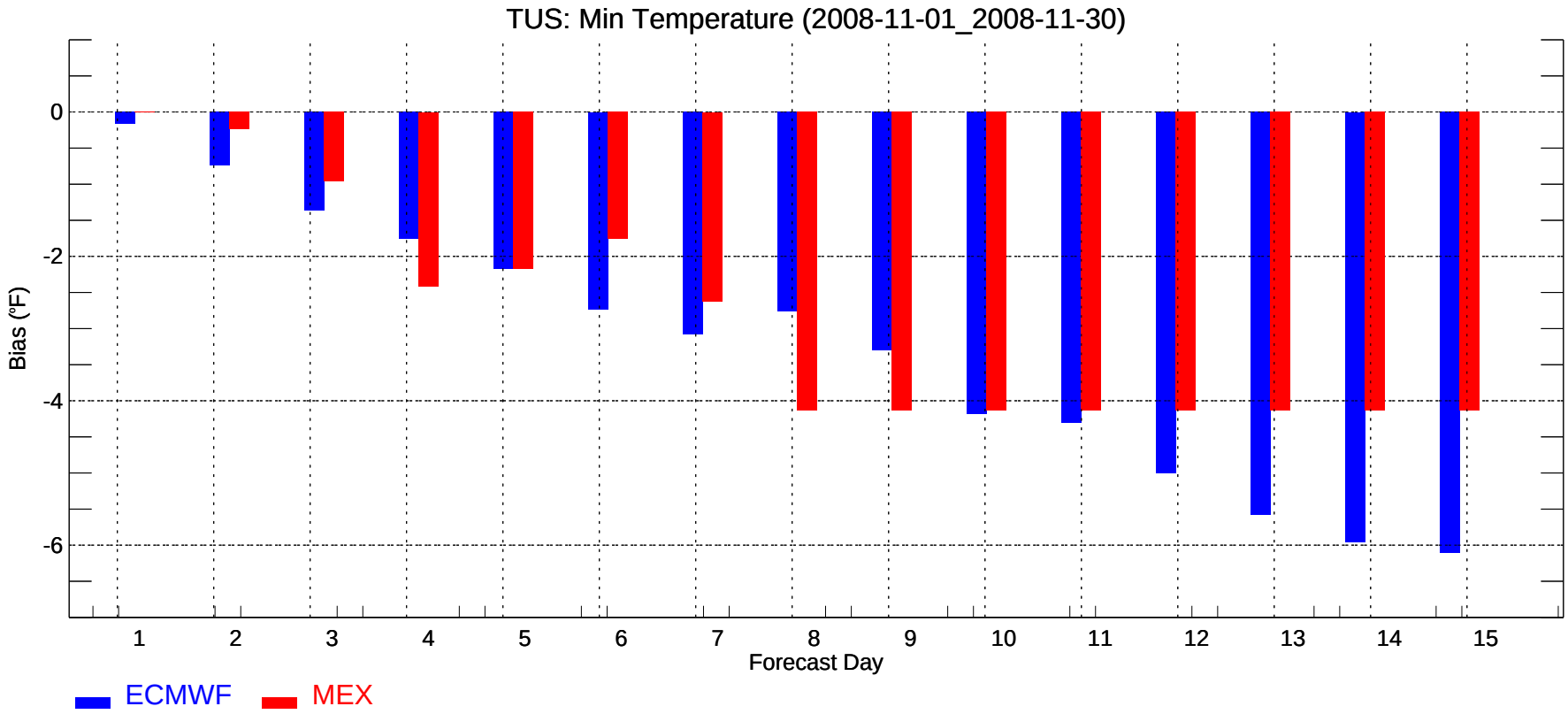
Forecast Day
ECMWF
MEX


TUS: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
1
2
3
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14
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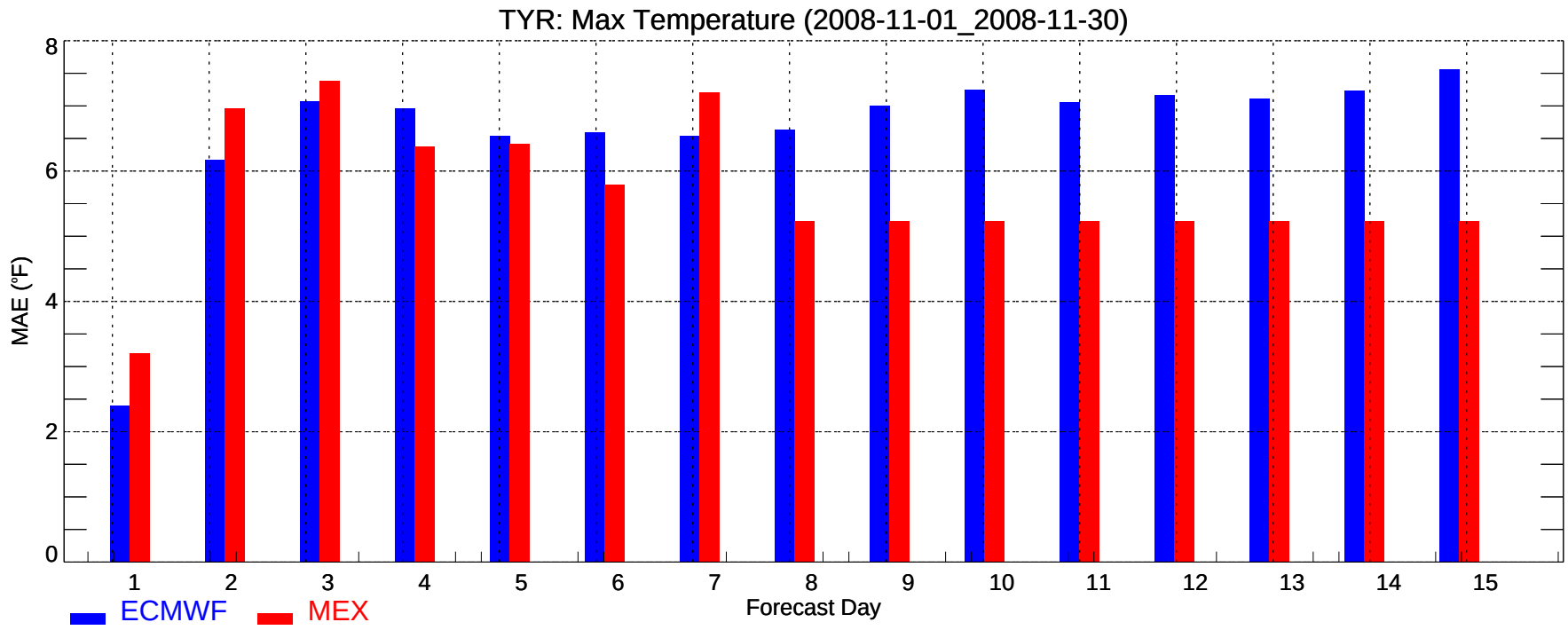
Forecast Day
ECMWF
MEX


TYR: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
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6
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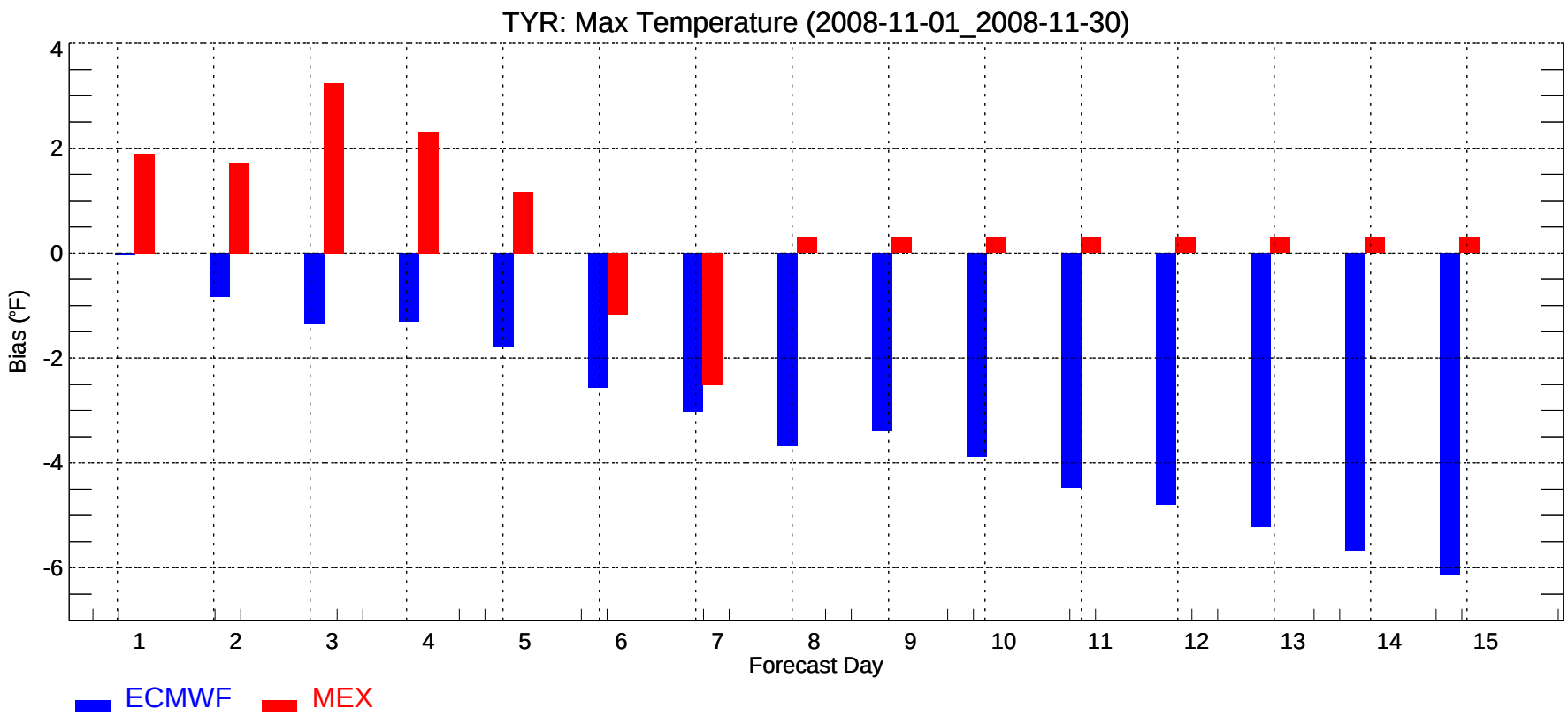
13
14
15
Forecast Day
ECMWF
MEX


TYR: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
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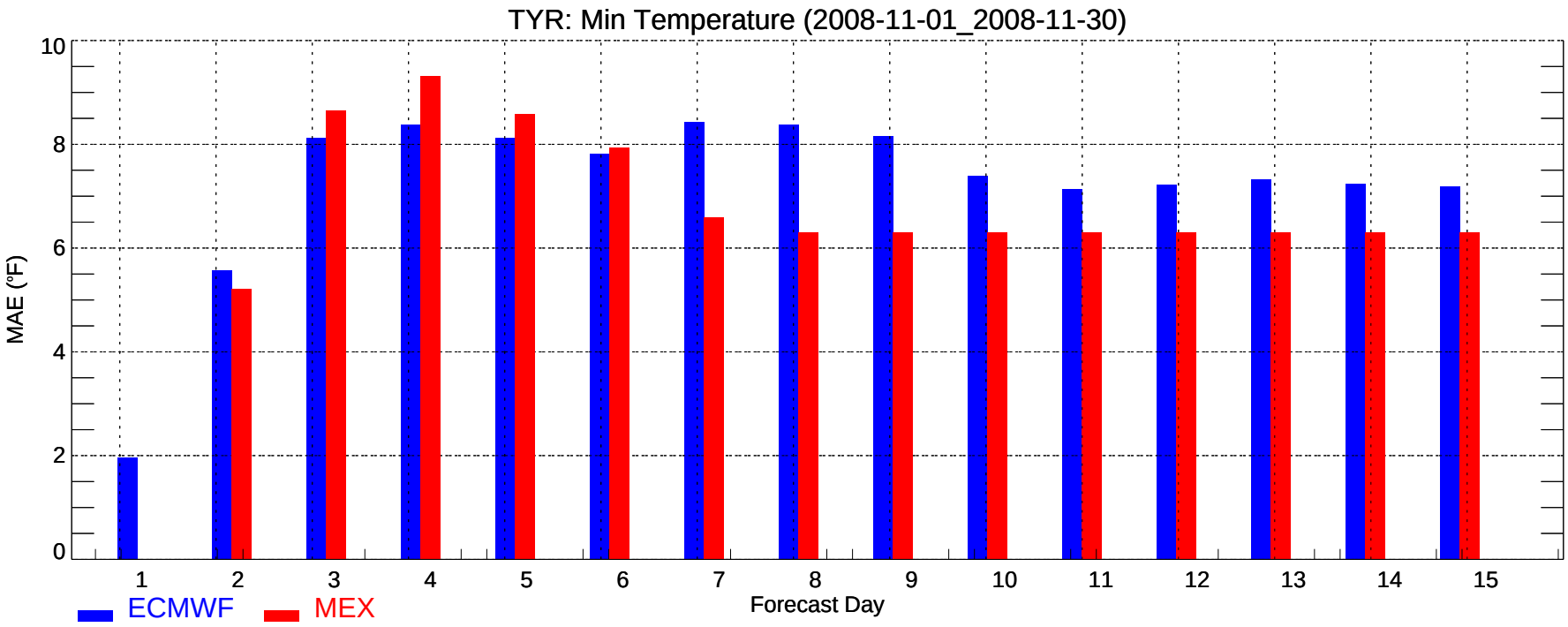
11
12
13
14
15
Forecast Day
ECMWF
MEX


TYR: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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11
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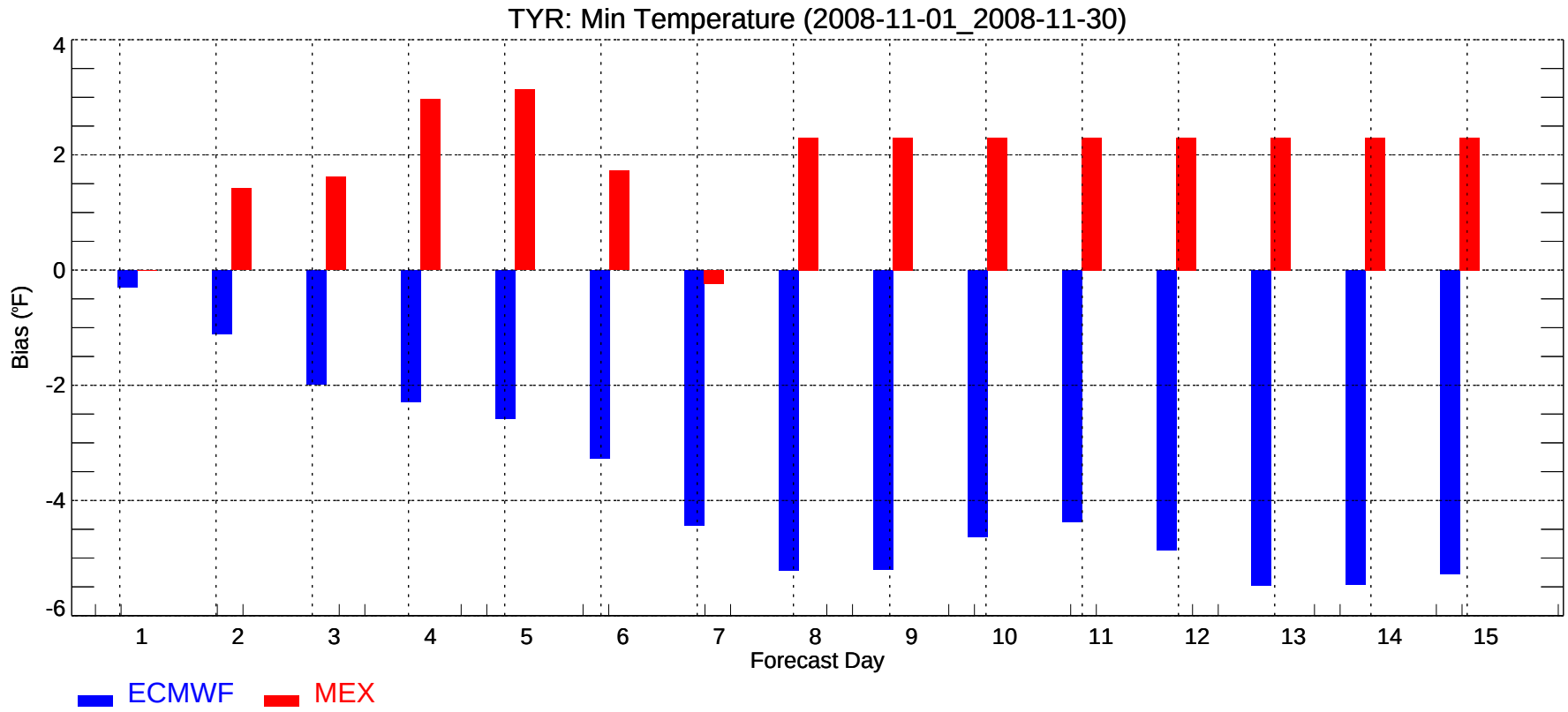
13
14
15
Forecast Day
ECMWF
MEX


TYR: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
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5
6
7
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13
14
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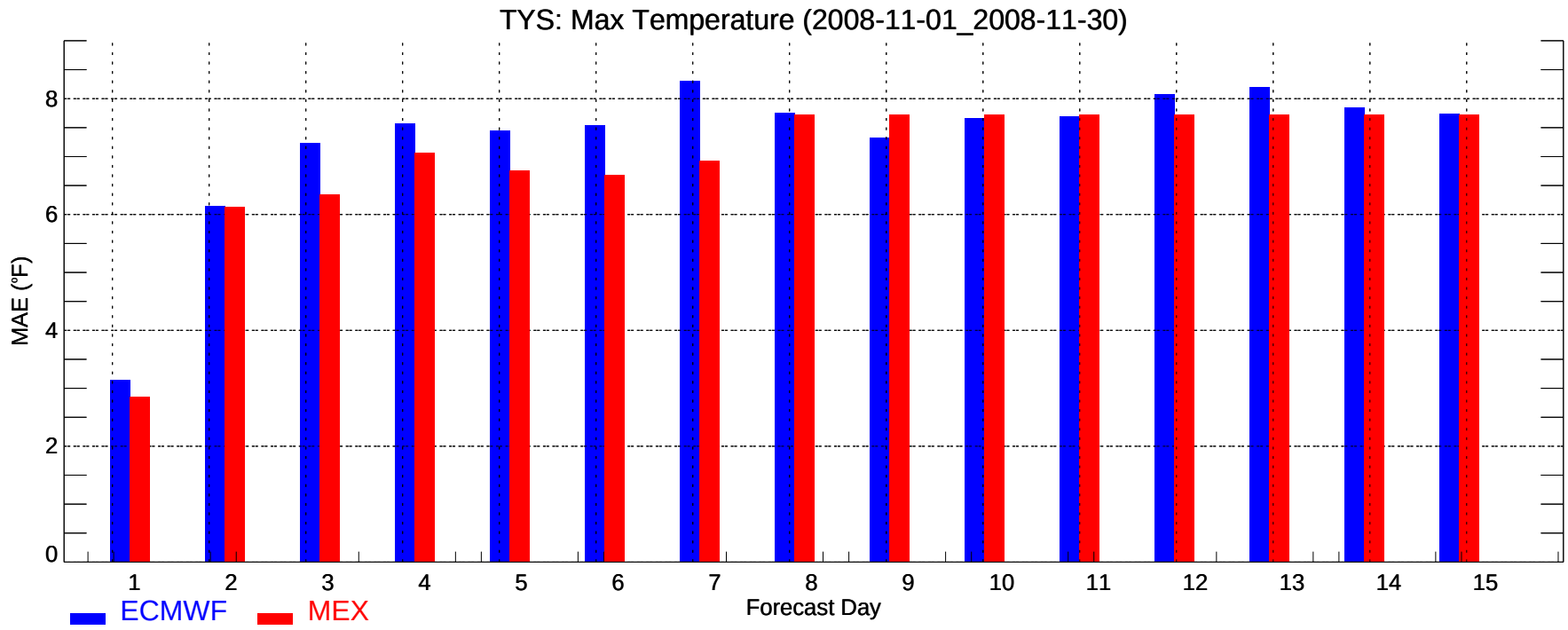
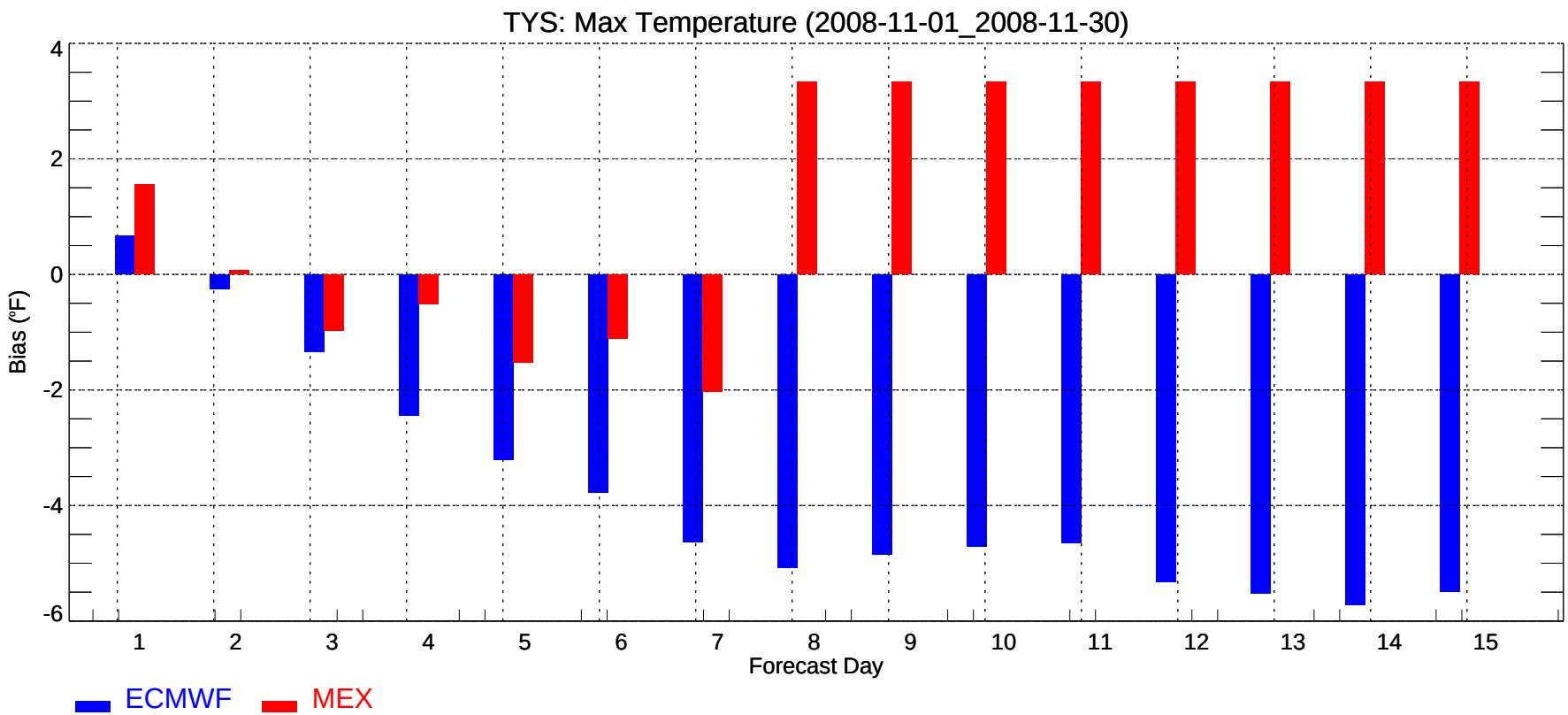
Forecast Day
ECMWF
MEX


TYS: Max Temperature (2008-11-01_2008-11-30)
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 (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
-6
1
2
3
4
5
6
7
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13
14
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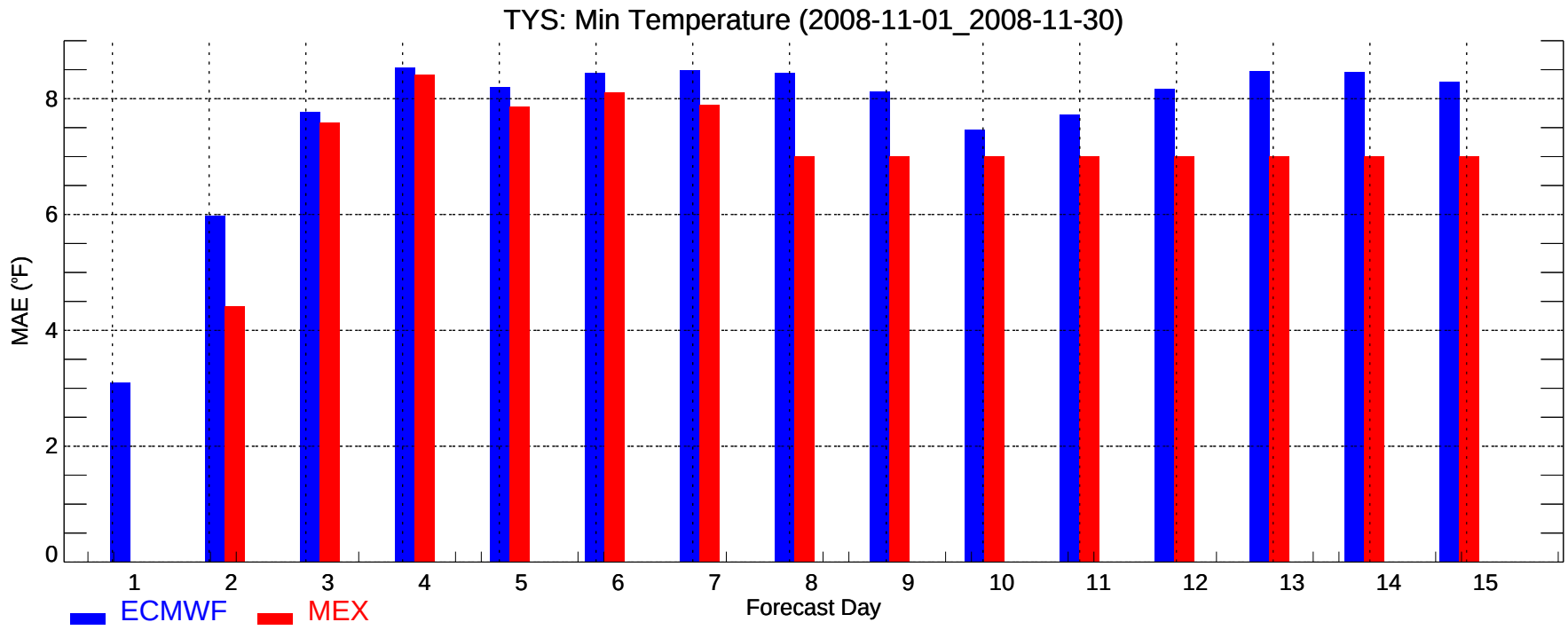
Forecast Day
ECMWF
MEX


TYS: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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10
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14
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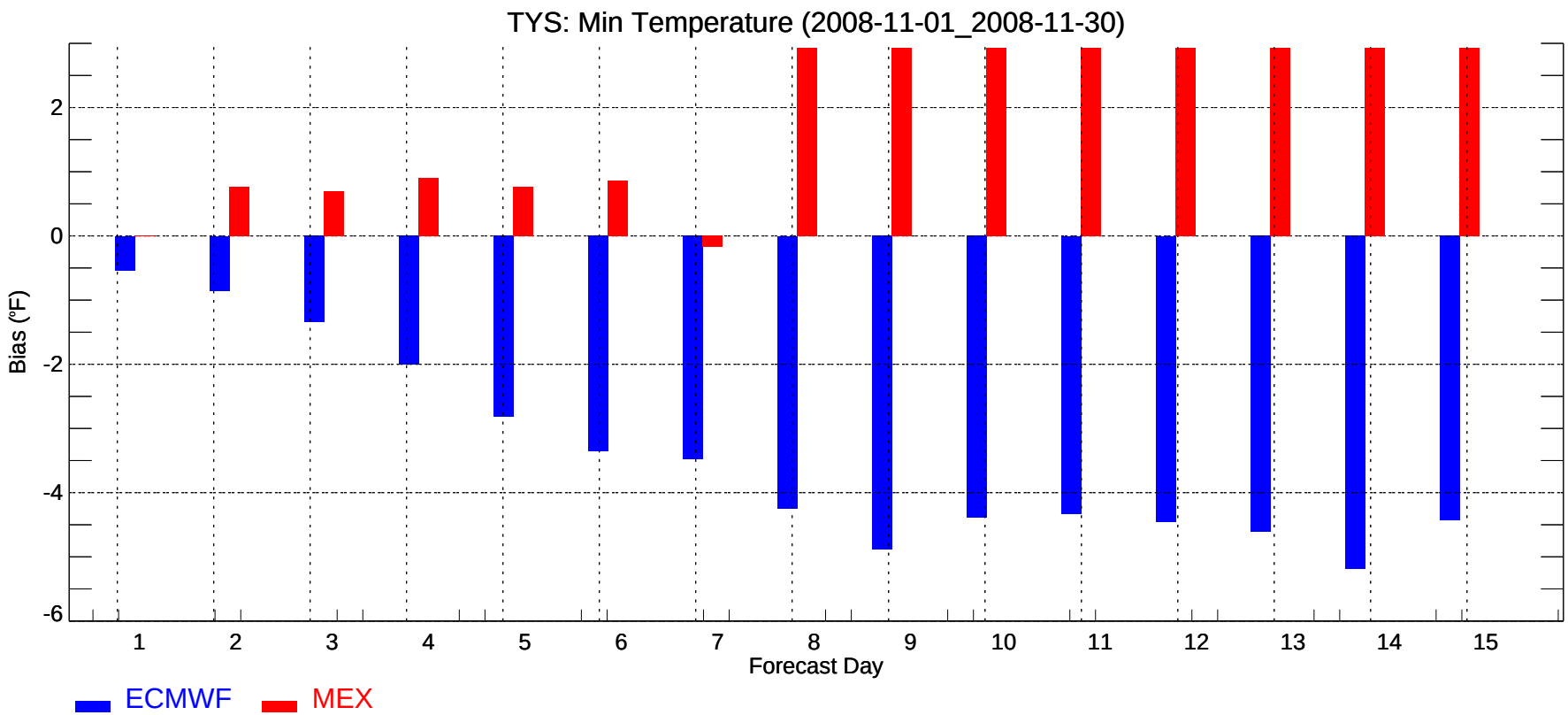
Forecast Day
ECMWF
MEX


TYS: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
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6
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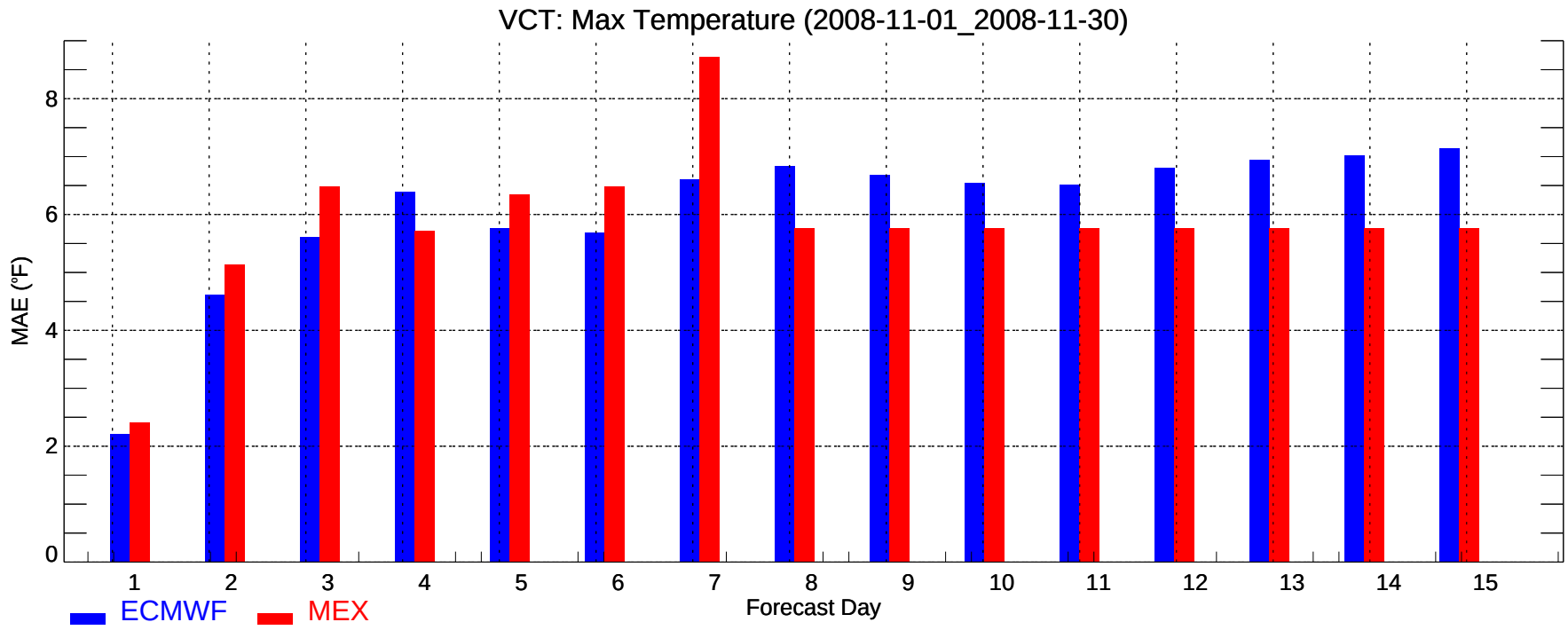
Forecast Day
ECMWF
MEX


VCT: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
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10
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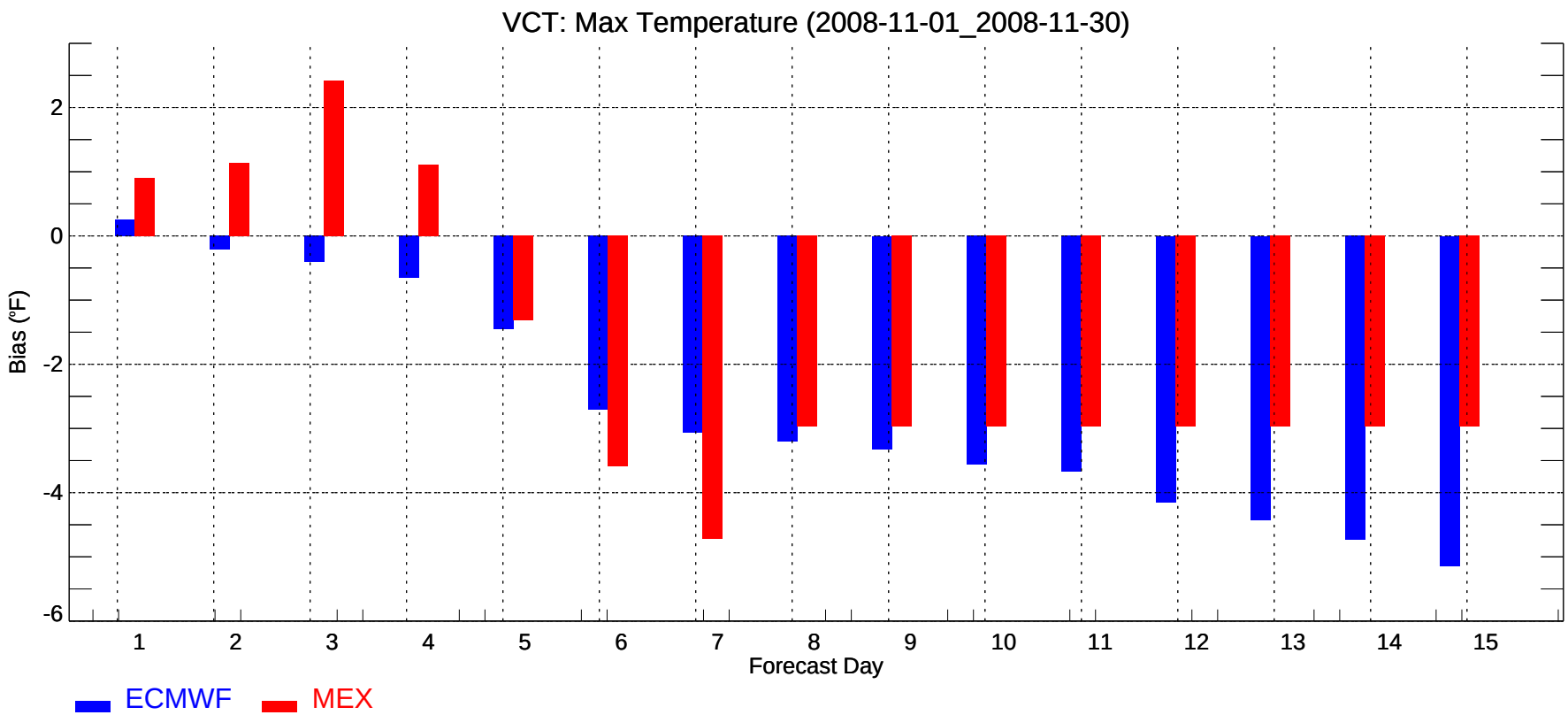
12
13
14
15
Forecast Day
ECMWF
MEX


VCT: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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6
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8
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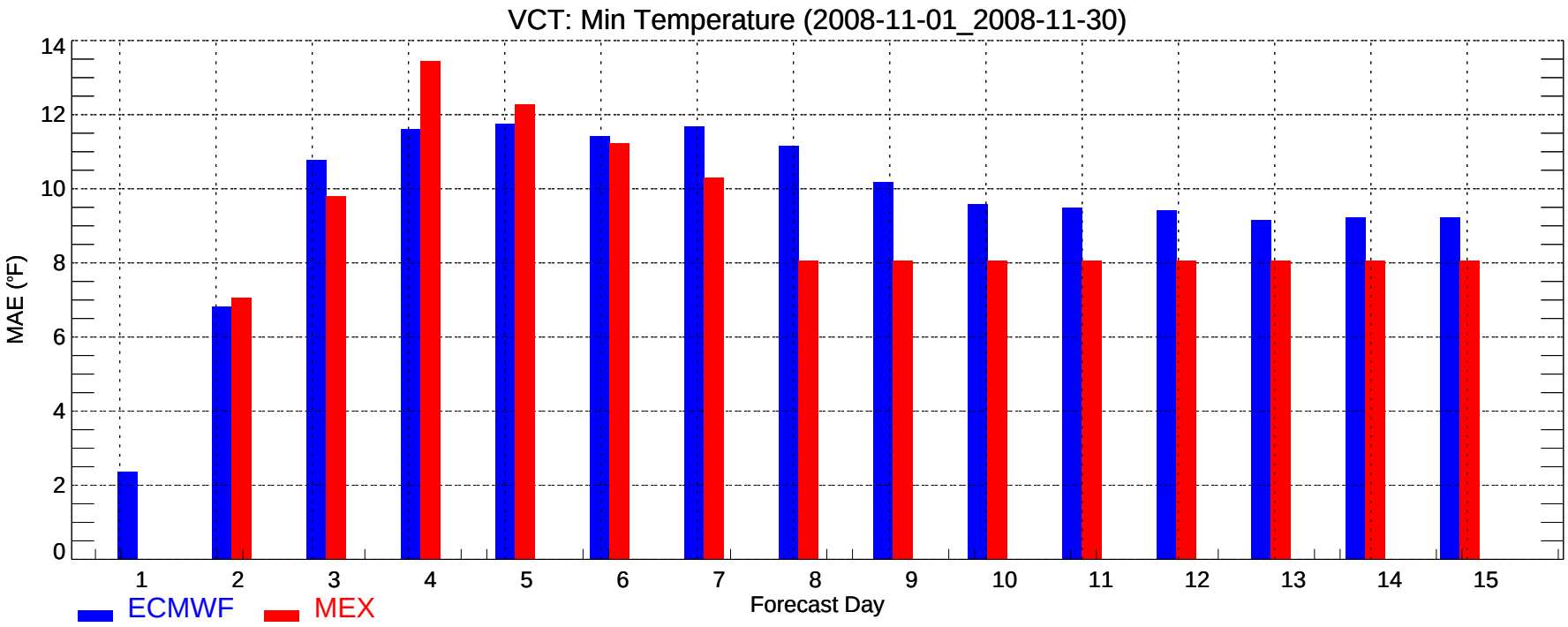
11
12
13
14
15
Forecast Day
ECMWF
MEX


VCT: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
14
1
2
3
4
5
6
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8
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10
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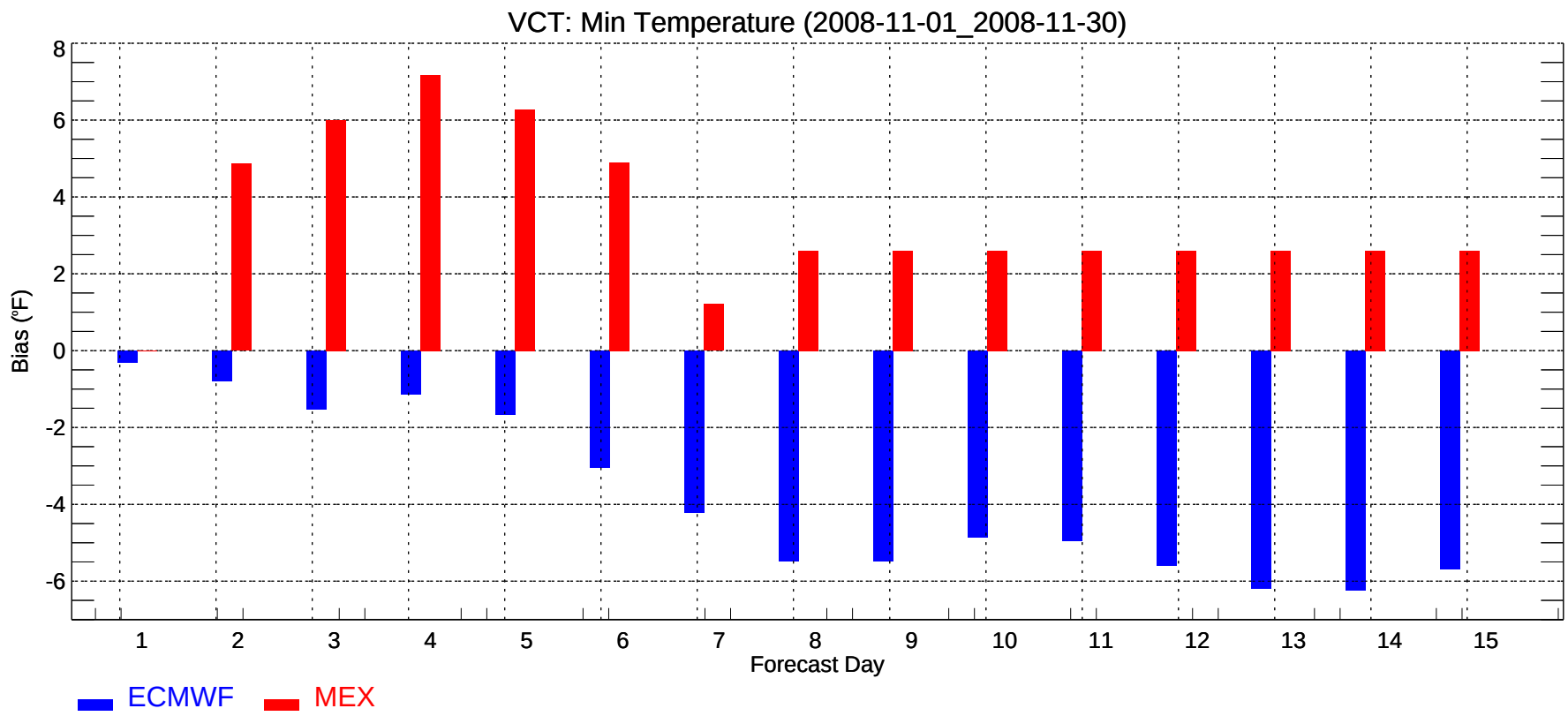
12
13
14
15
Forecast Day
ECMWF
MEX


VCT: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
8
6
4
2
0
-2
-4
-6
1
2
3
4
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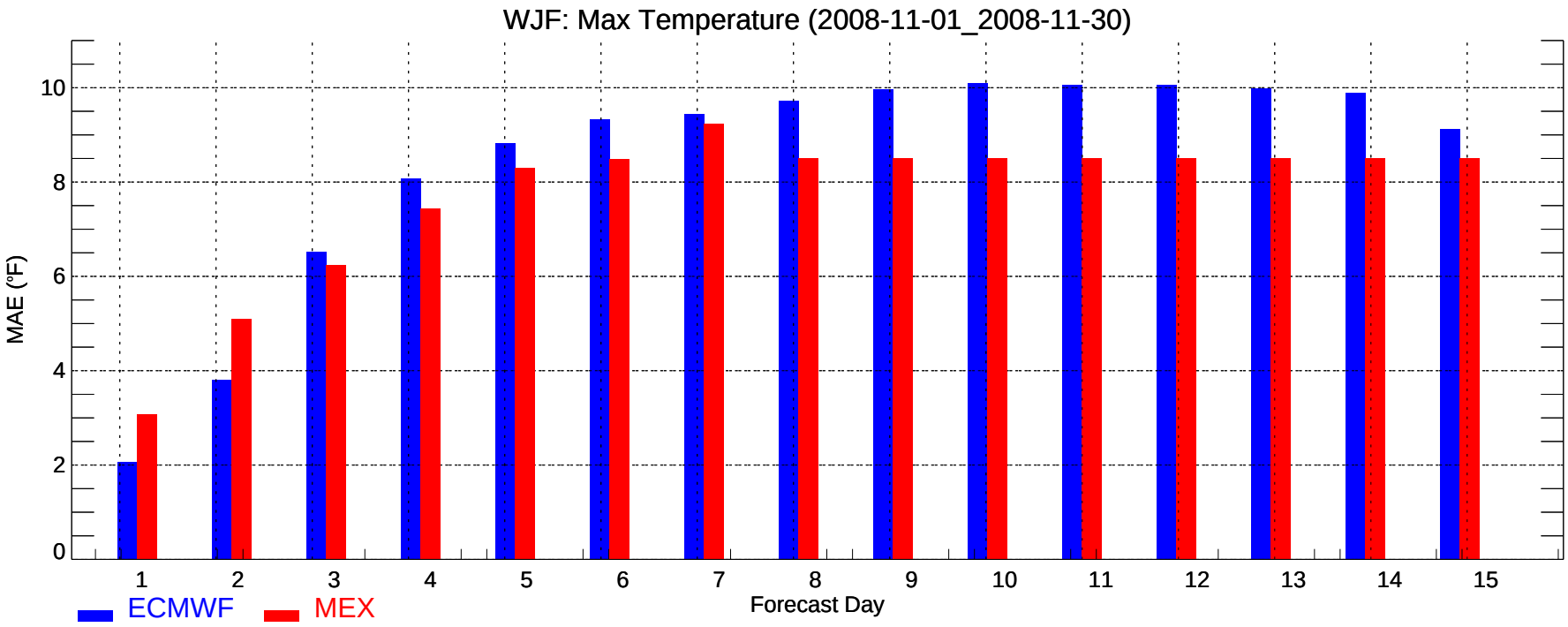
14
15
Forecast Day
ECMWF
MEX


WJF: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
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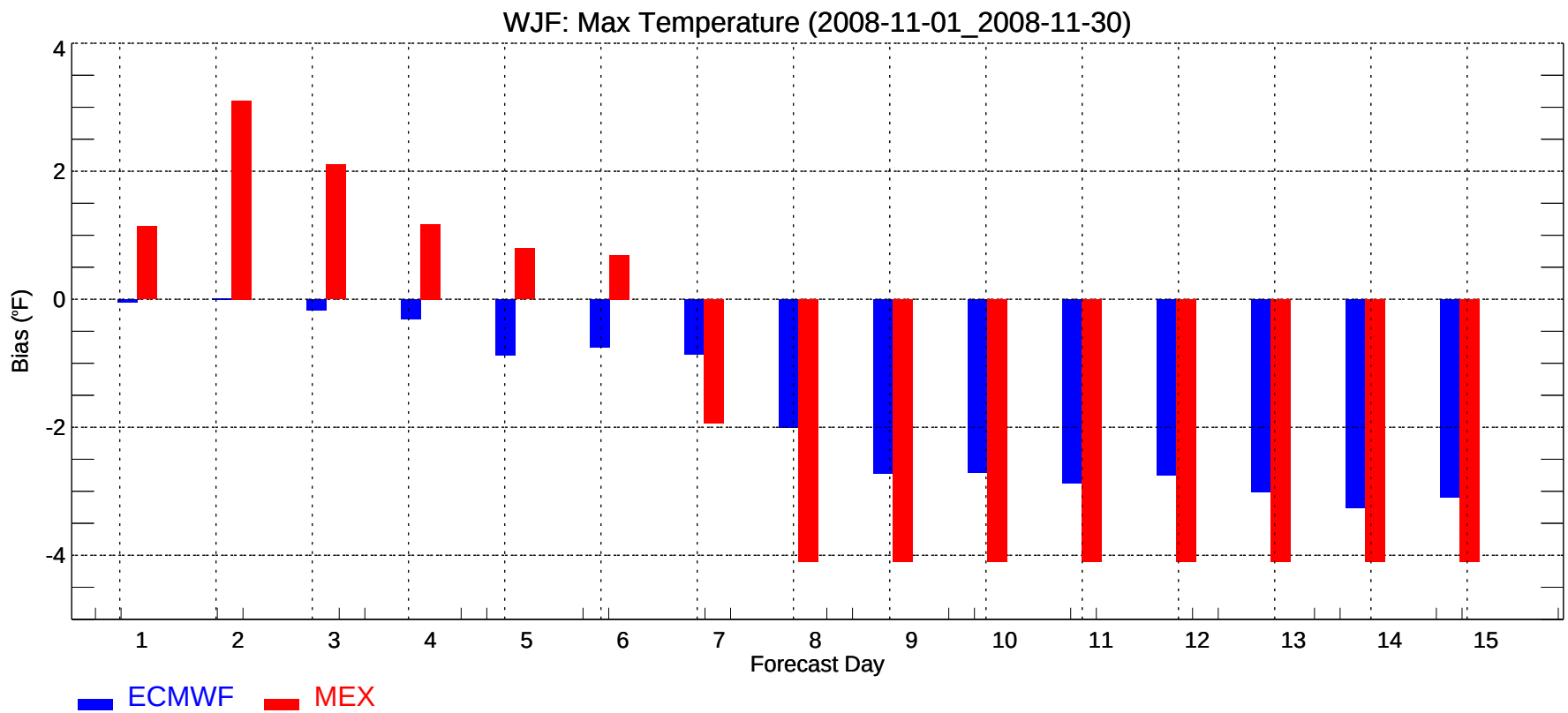
15
Forecast Day
ECMWF
MEX


WJF: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
4
2
0
-2
-4
1
2
3
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5
6
7
8
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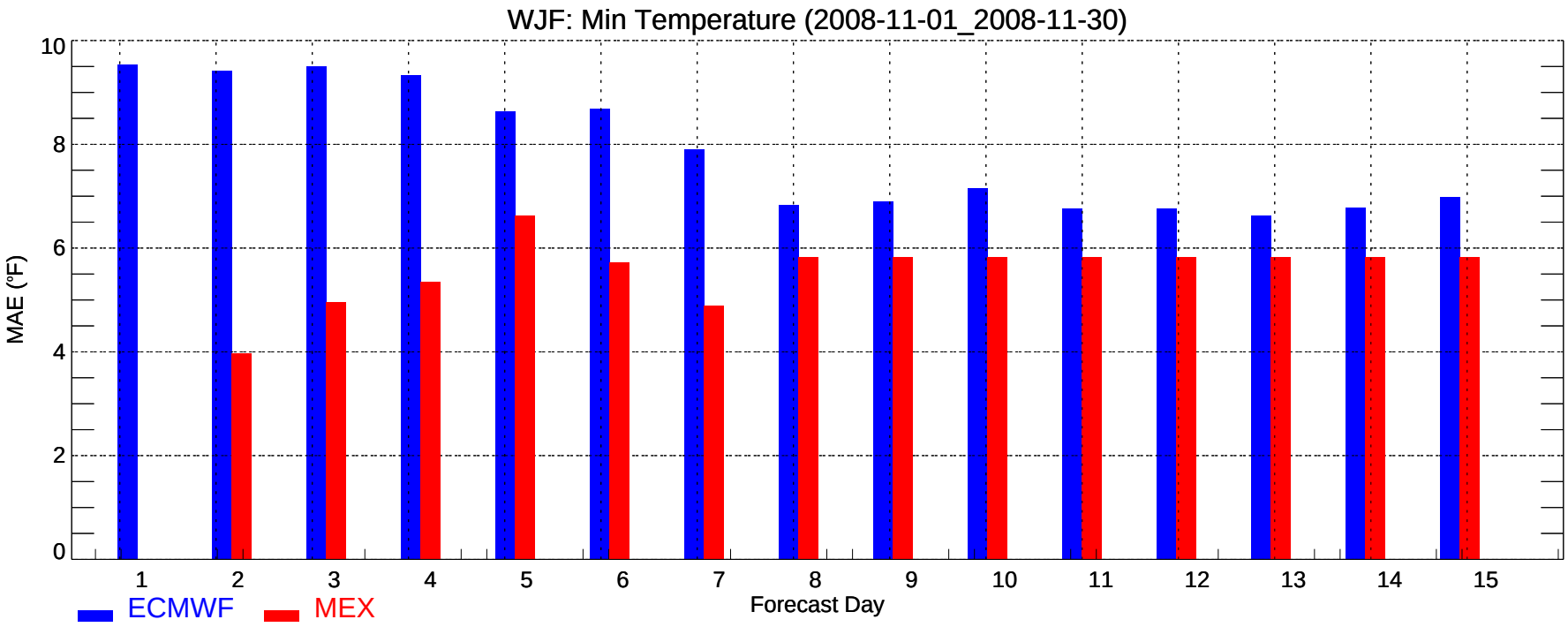
13
14
15
Forecast Day
ECMWF
MEX


WJF: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
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5
6
7
8
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13
14
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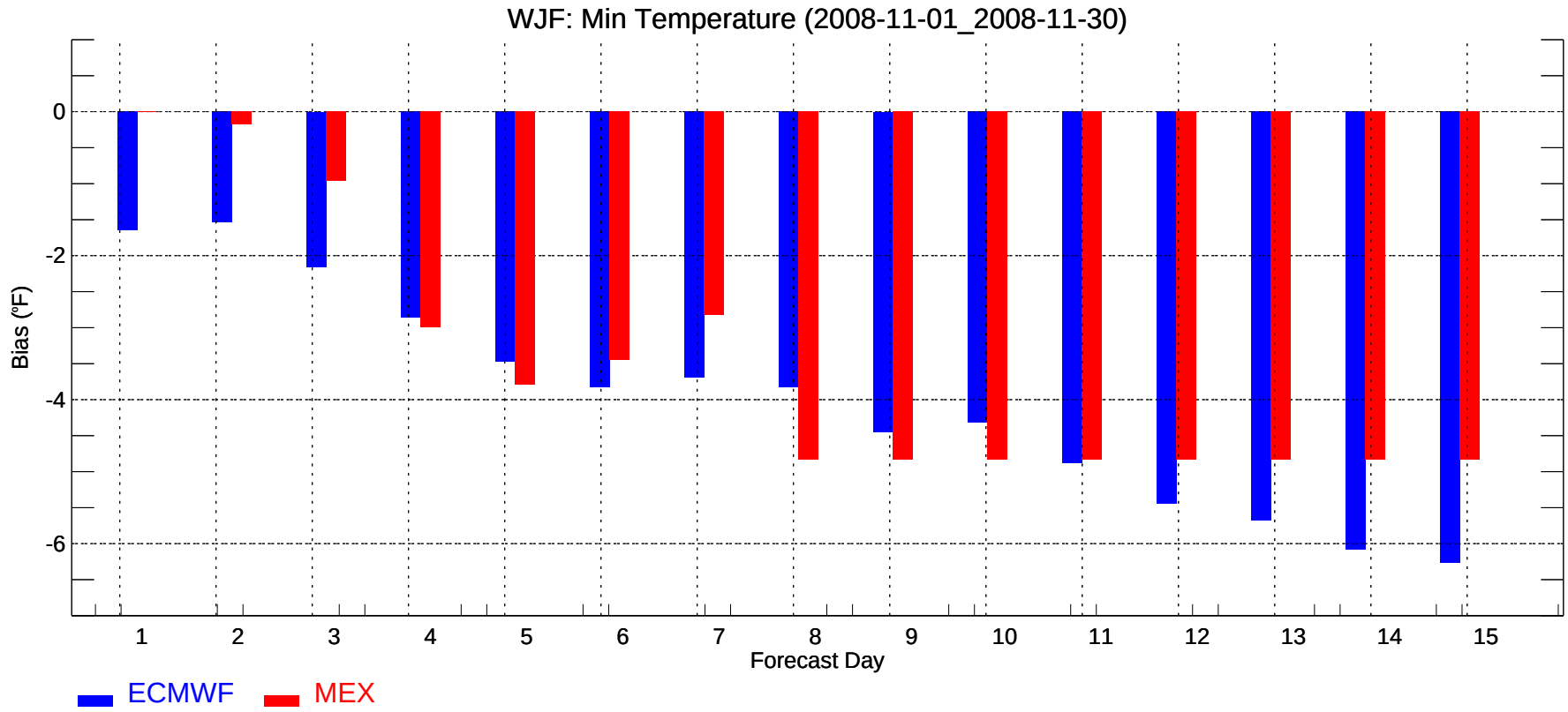
Forecast Day
ECMWF
MEX


WJF: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
1
2
3
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7
8
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13
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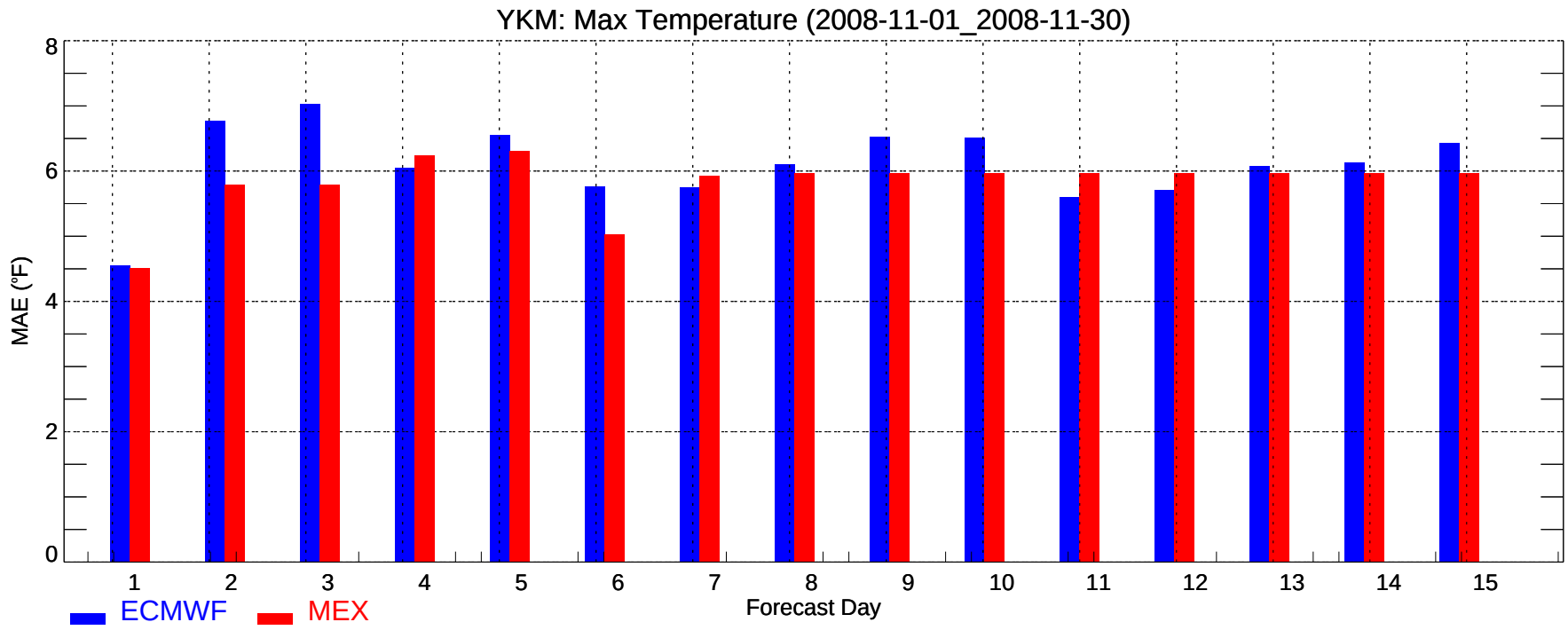
Forecast Day
ECMWF
MEX


YKM: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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6
7
8
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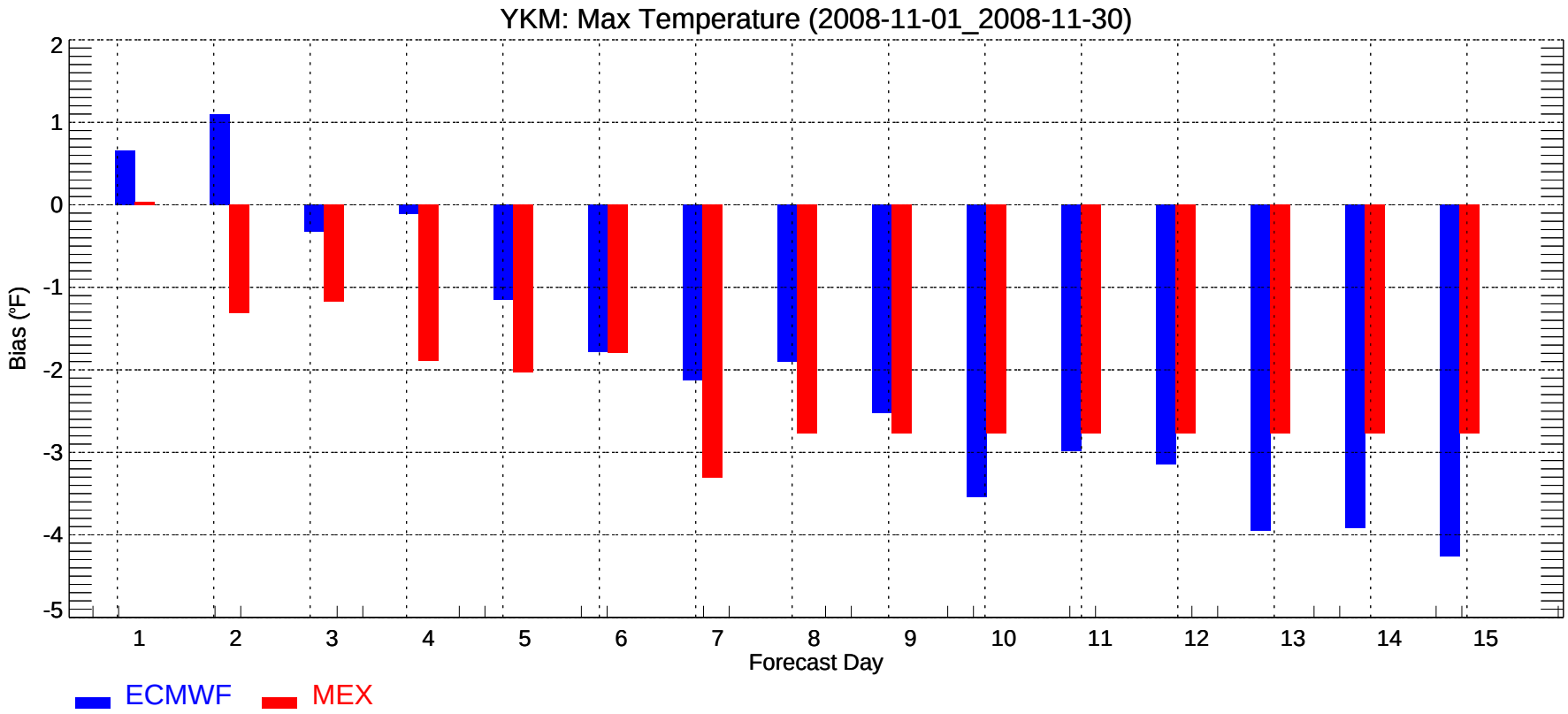
11
12
13
14
15
Forecast Day
ECMWF
MEX


YKM: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
1
0
-1
-2
-3
-4
-5
1
2
3
4
5
6
7
8
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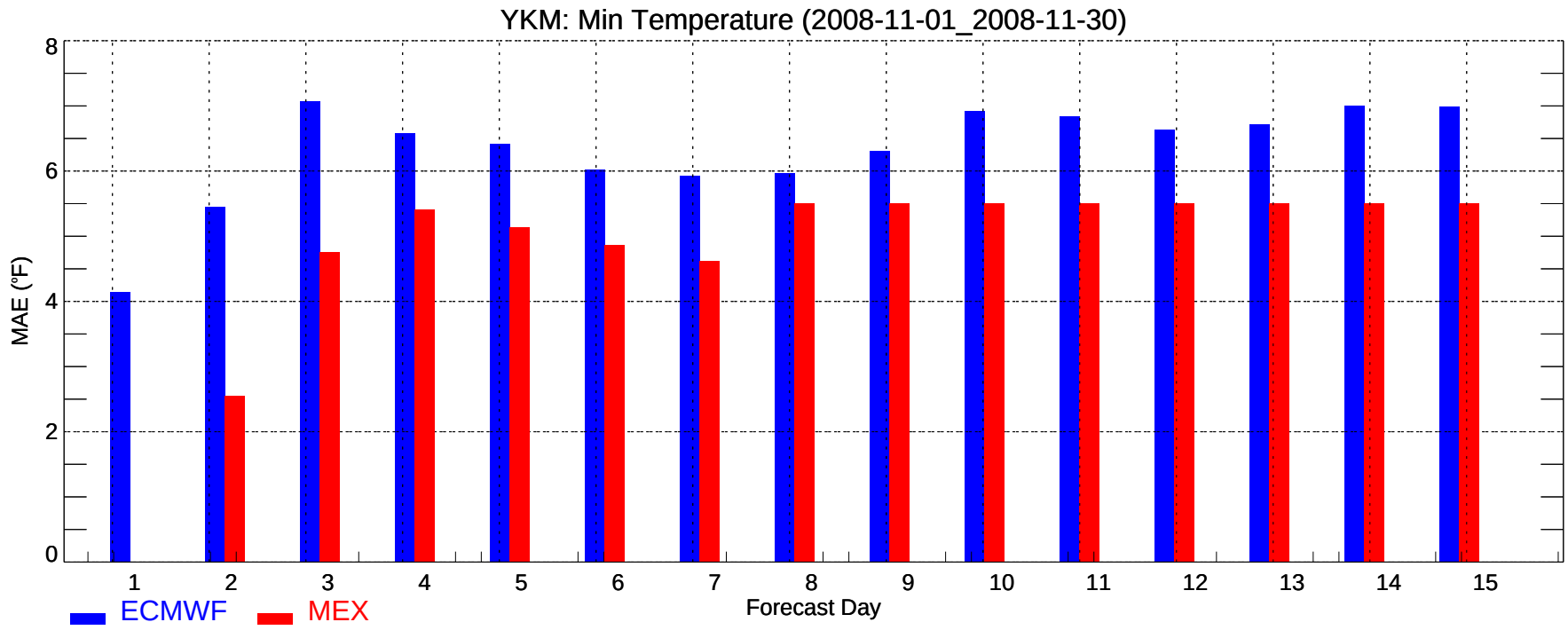
13
14
15
Forecast Day
ECMWF
MEX


YKM: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
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13
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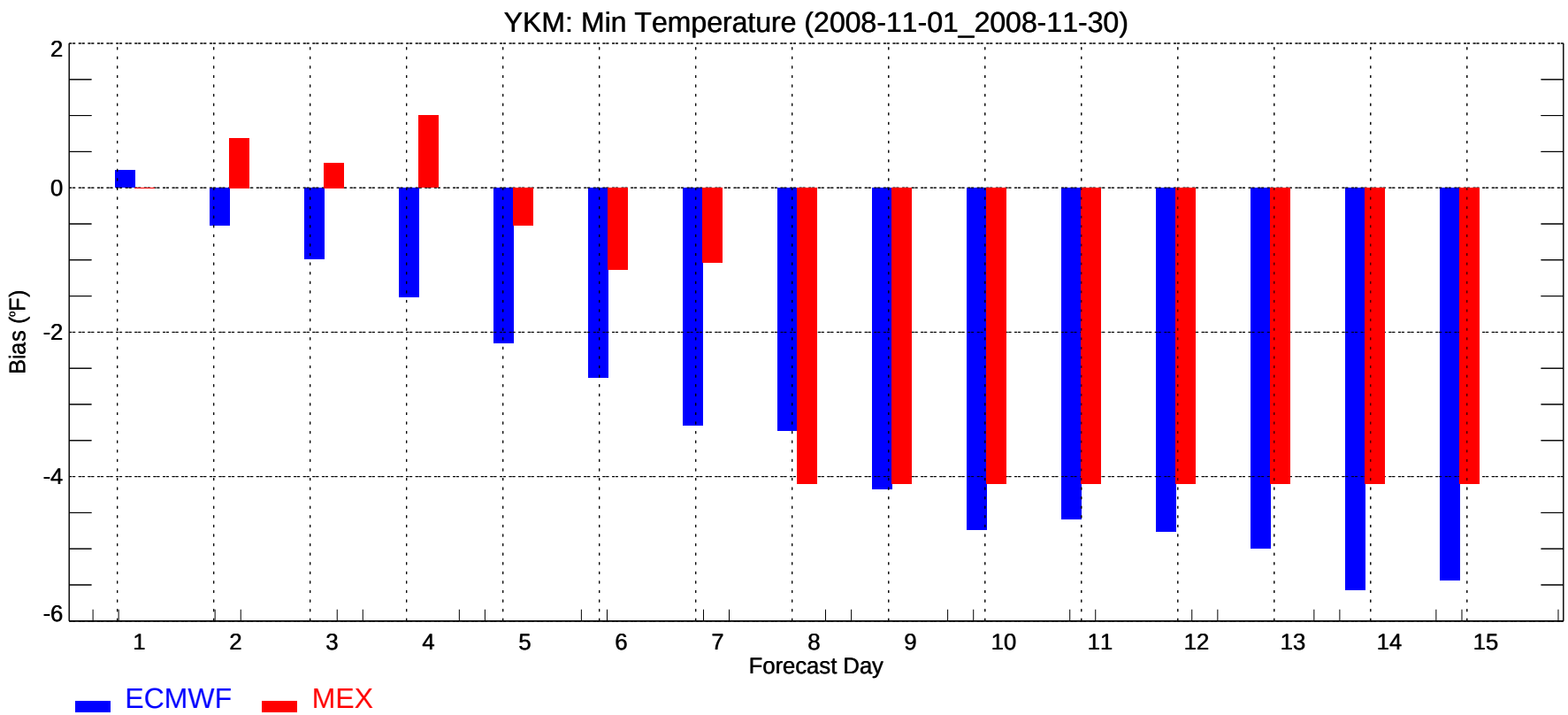
Forecast Day
ECMWF
MEX


YKM: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
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12
13
14
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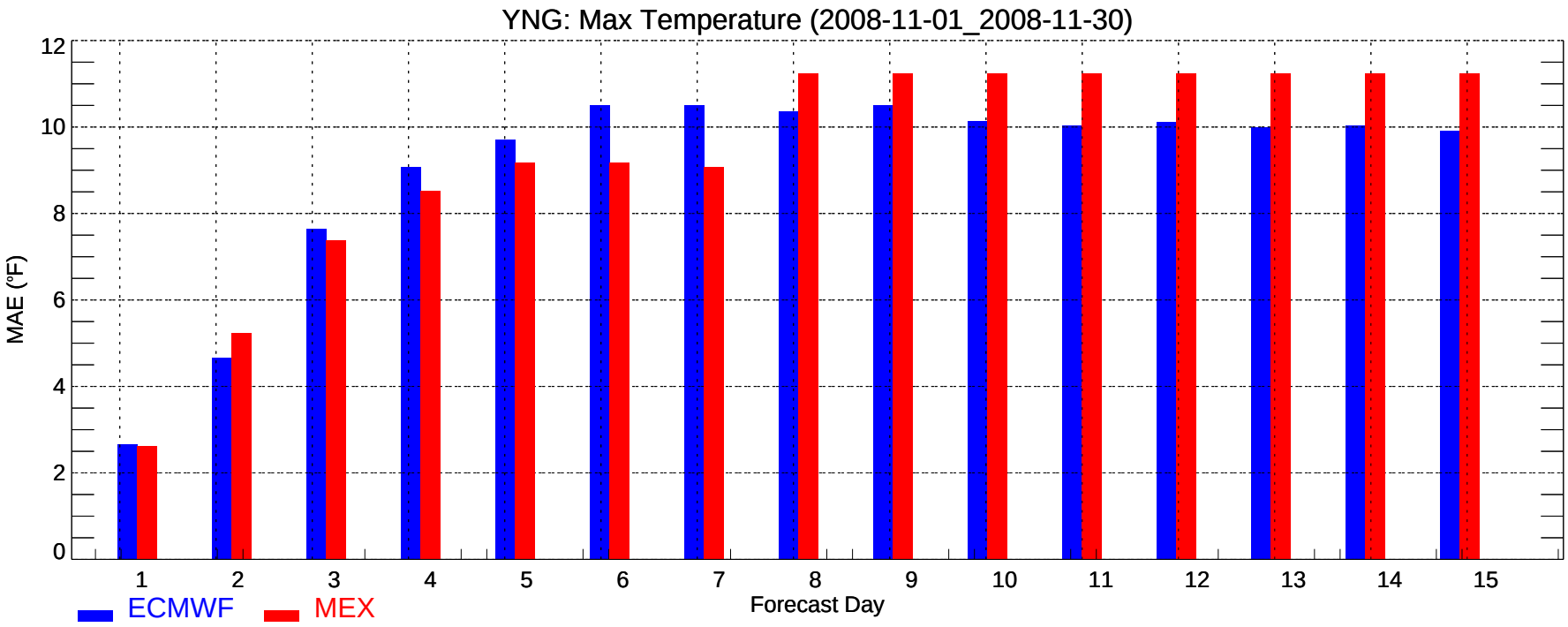
Forecast Day
ECMWF
MEX


YNG: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
2
3
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5
6
7
8
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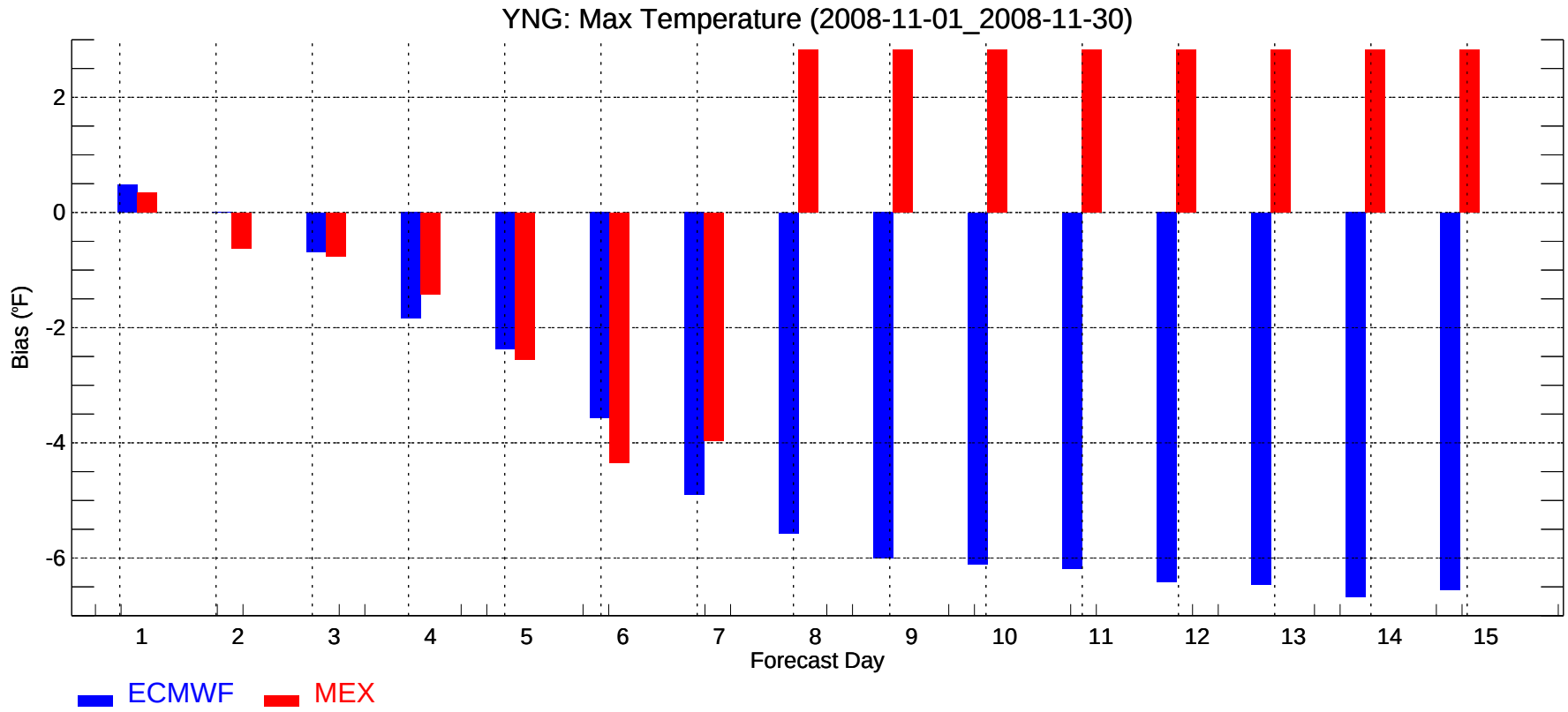
12
13
14
15
Forecast Day
ECMWF
MEX


YNG: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
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6
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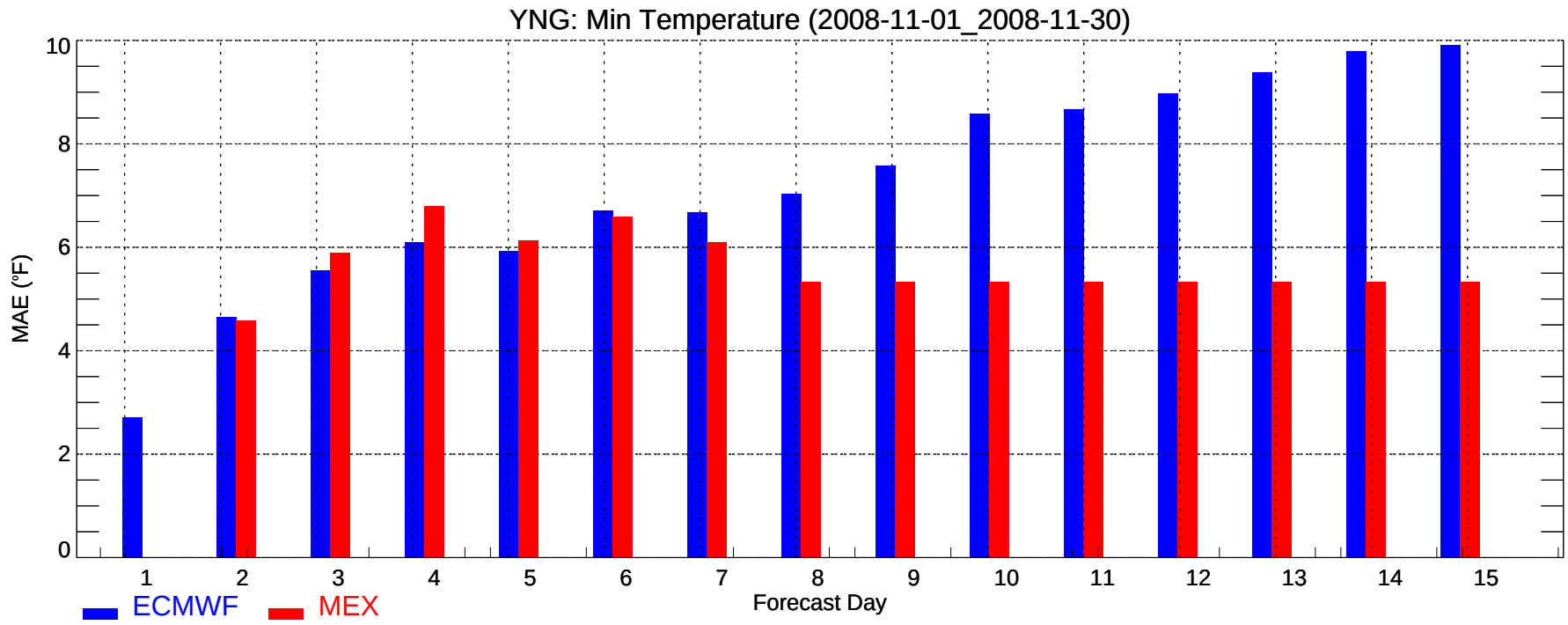
14
15
Forecast Day
ECMWF
MEX


YNG: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
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5
6
7
8
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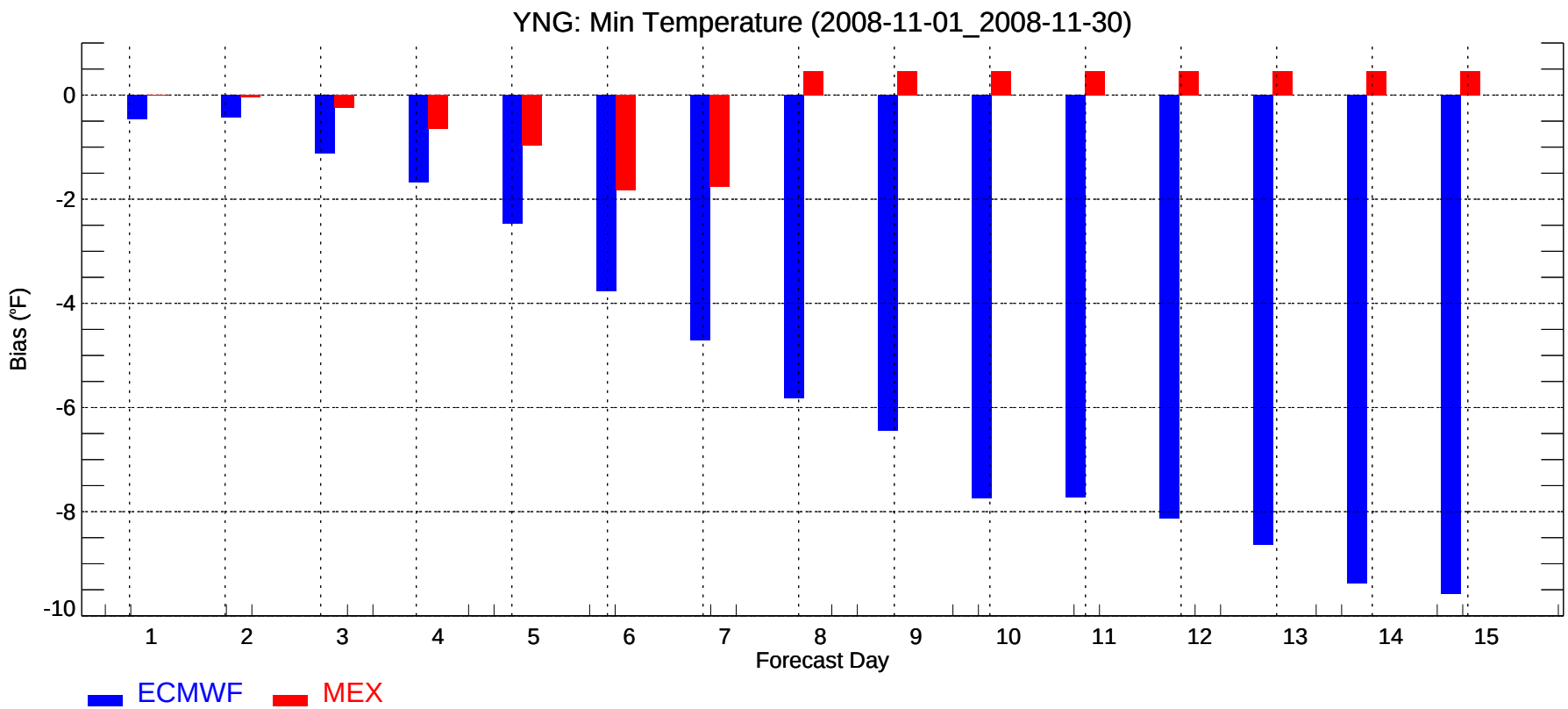
12
13
14
15
Forecast Day
ECMWF
MEX


YNG: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
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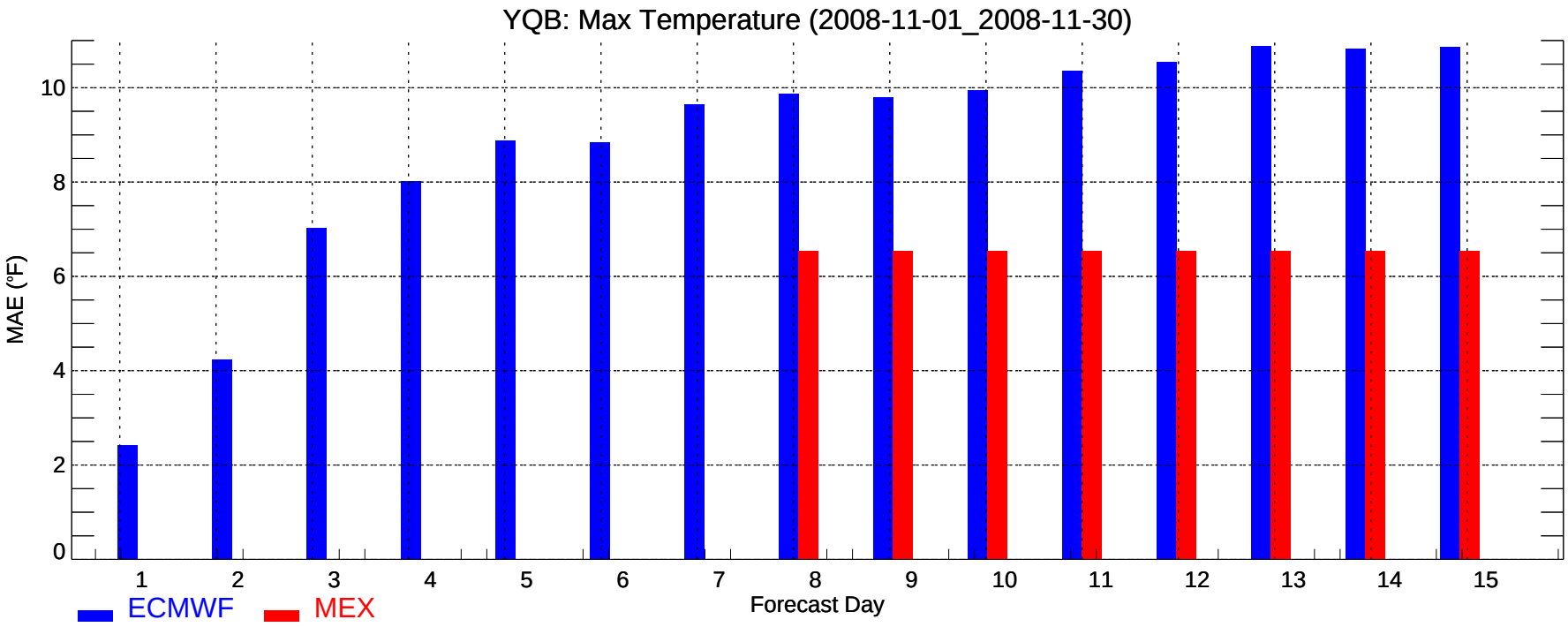
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YQB: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
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6
7
8
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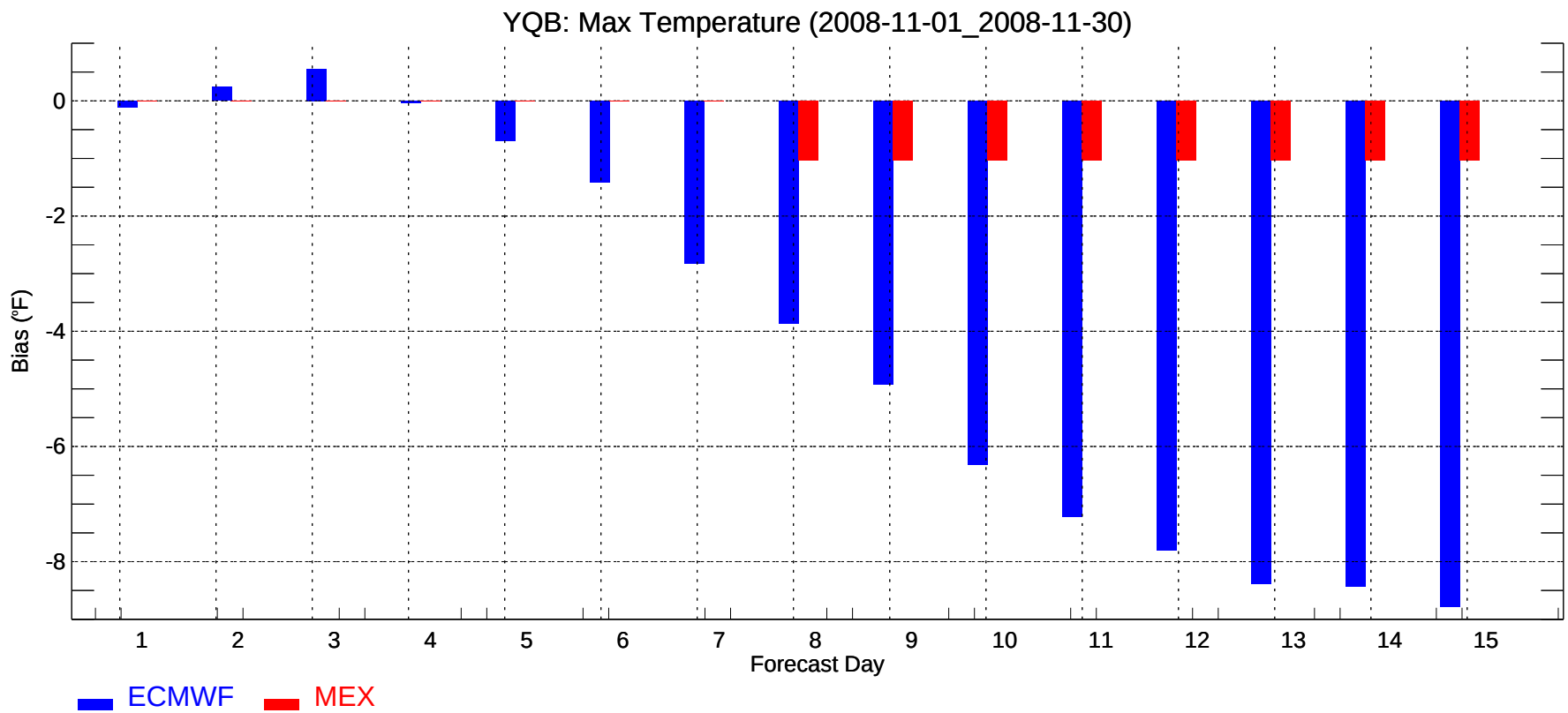
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YQB: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
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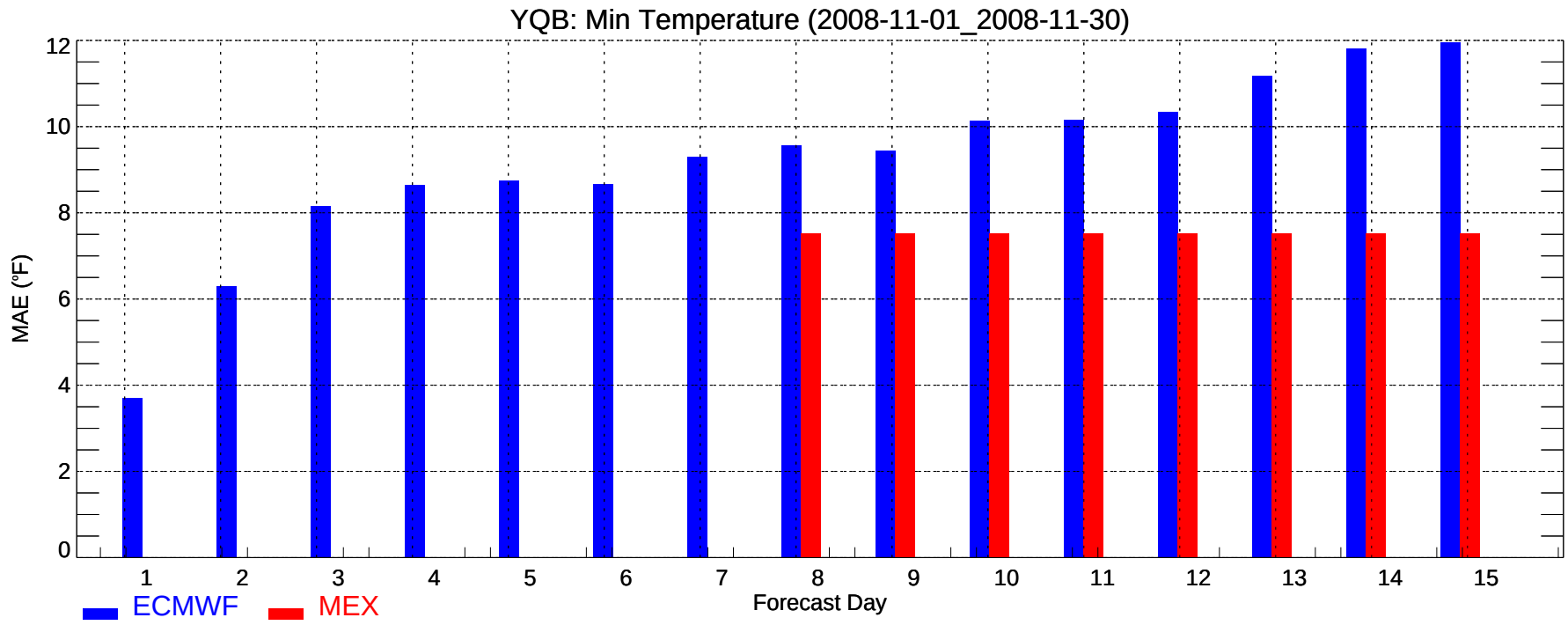
13
14
15
Forecast Day
ECMWF
MEX


YQB: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
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10
12
1
2
3
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5
6
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8
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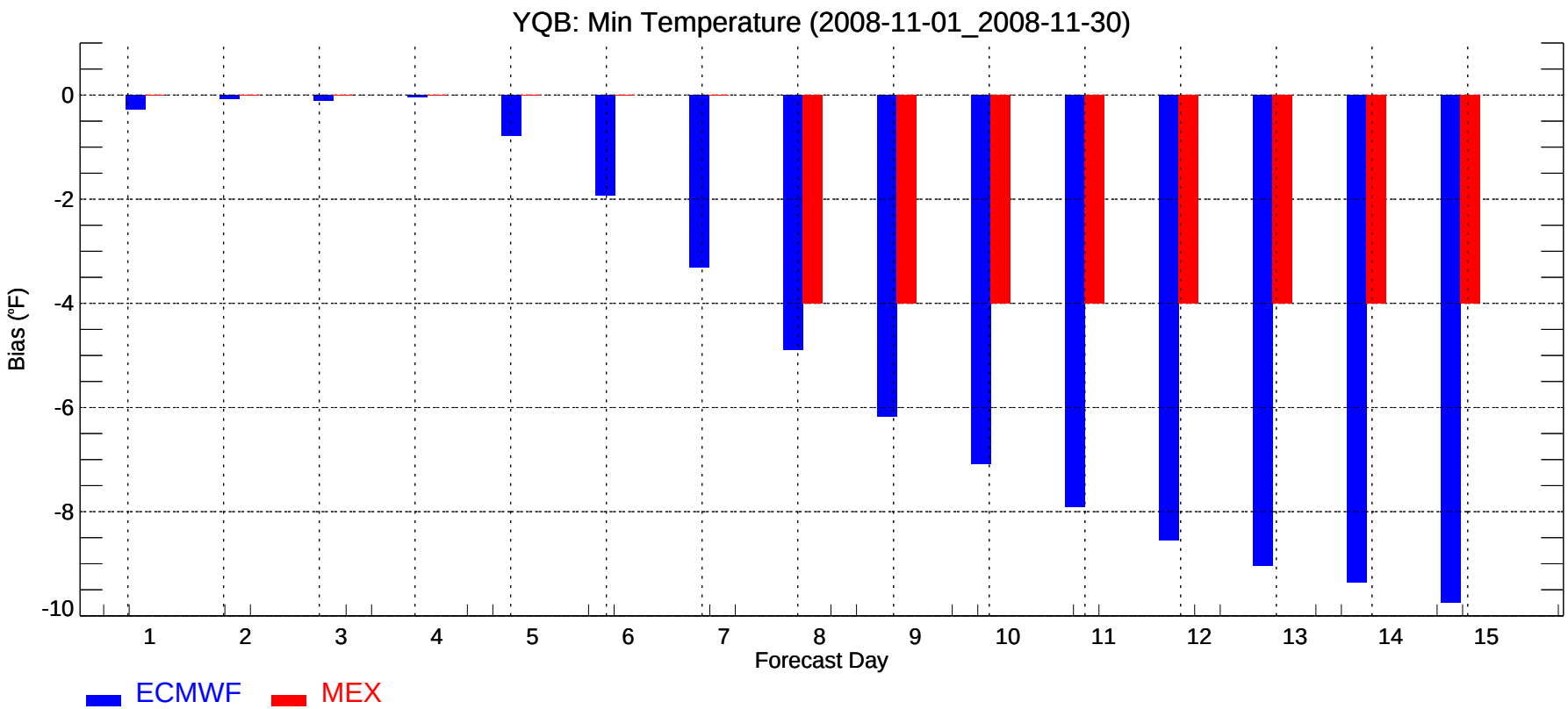
13
14
15
Forecast Day
ECMWF
MEX


YQB: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
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14
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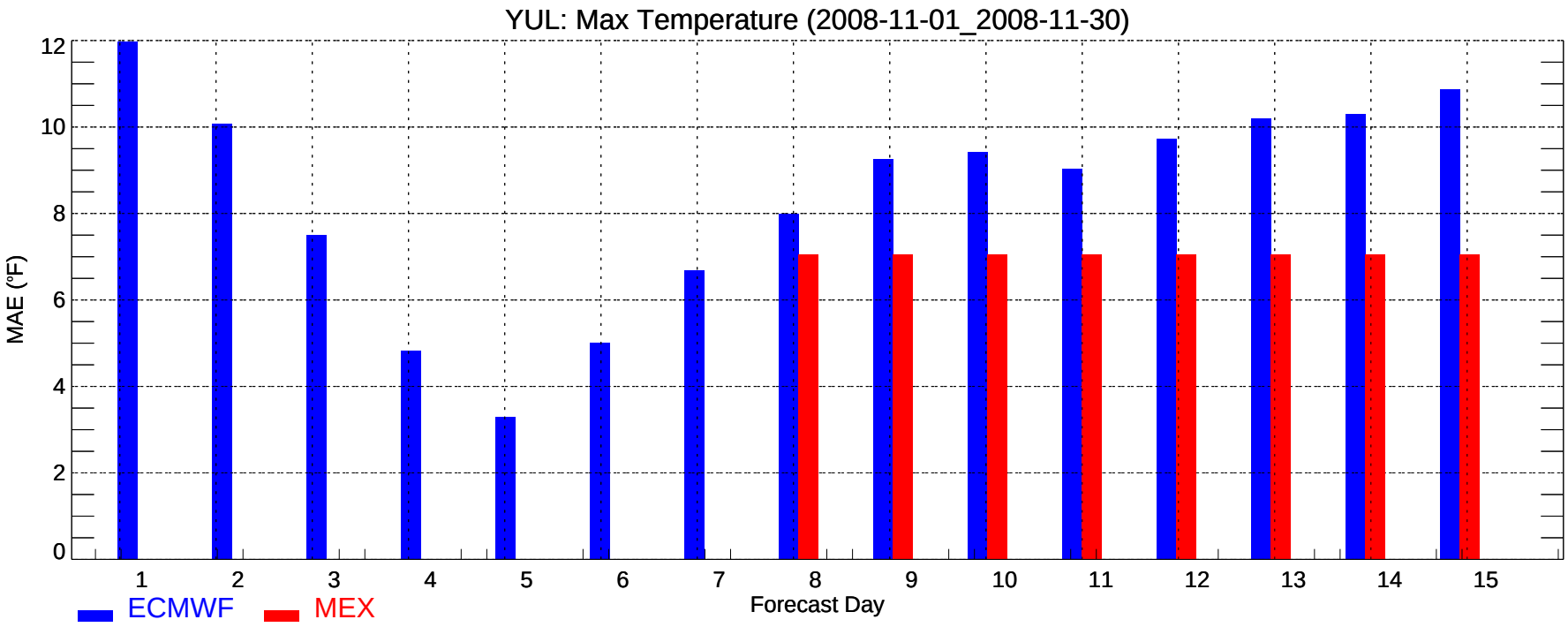
Forecast Day
ECMWF
MEX


YUL: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
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2
4
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10
12
1
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6
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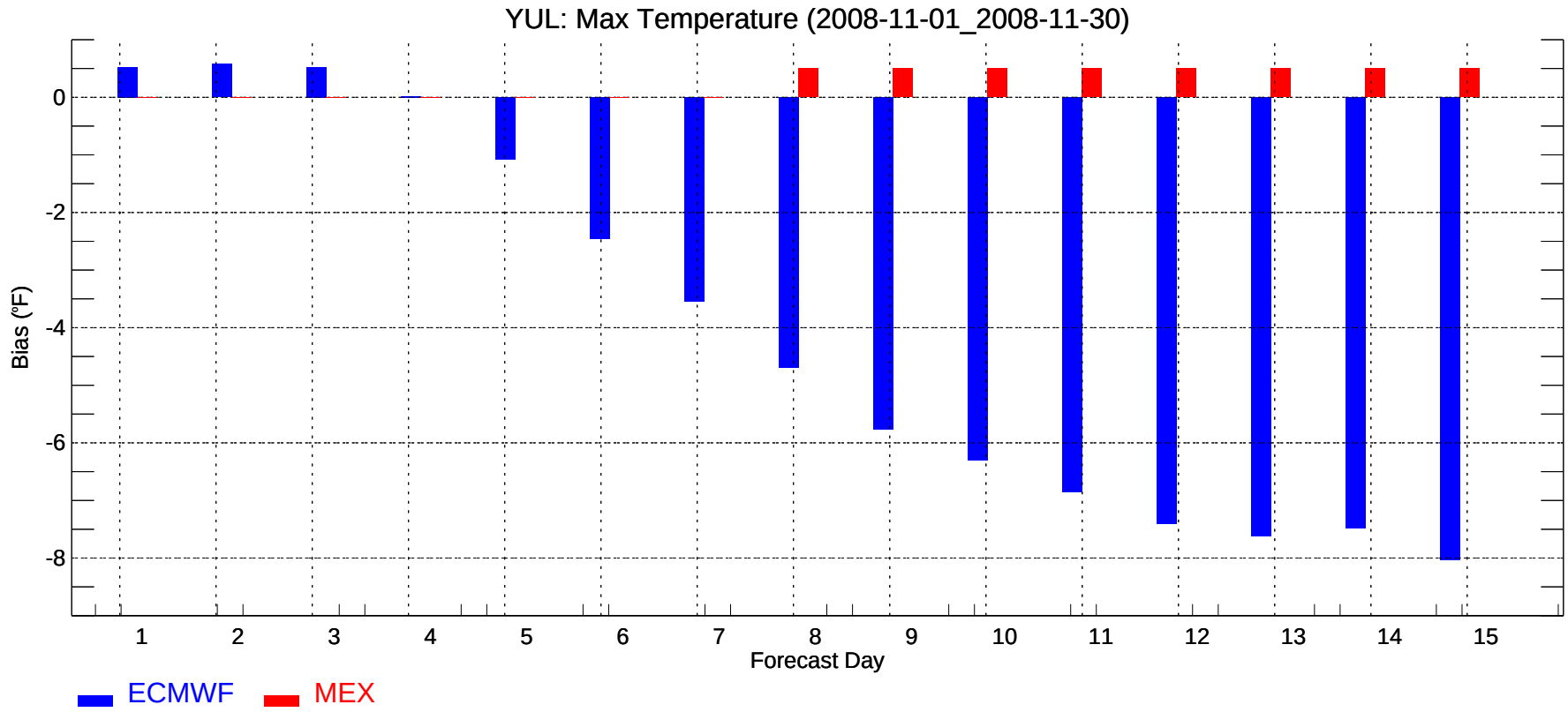
13
14
15
Forecast Day
ECMWF
MEX


YUL: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
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13
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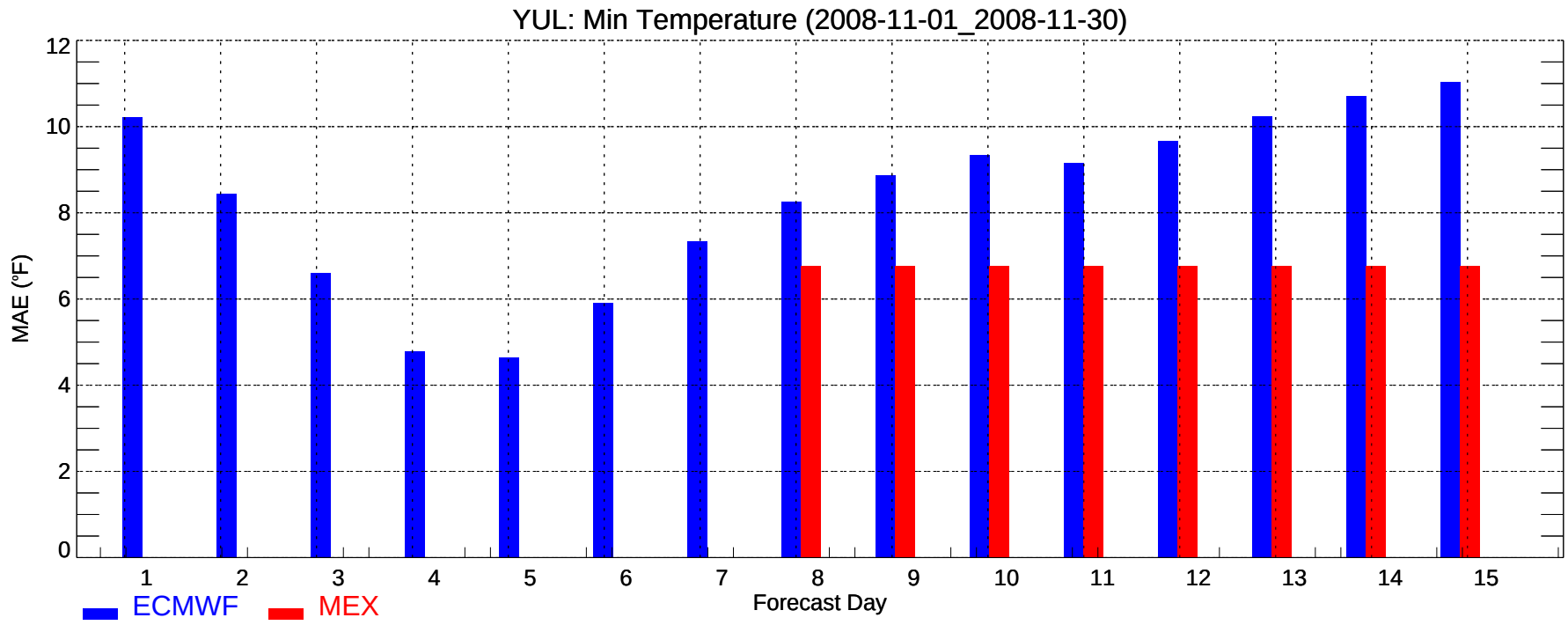
Forecast Day
ECMWF
MEX


YUL: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
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8
10
12
1
2
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5
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13
14
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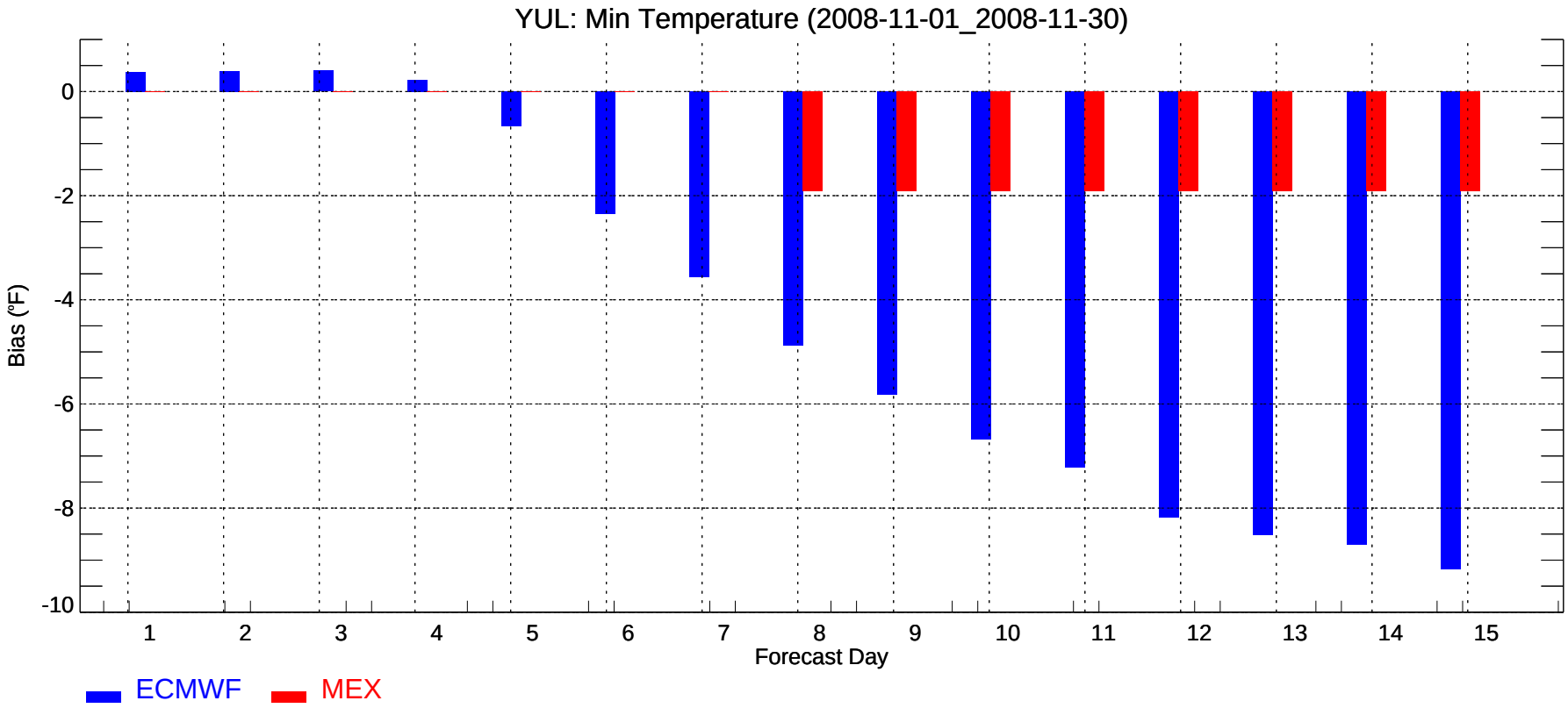
Forecast Day
ECMWF
MEX


YUL: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
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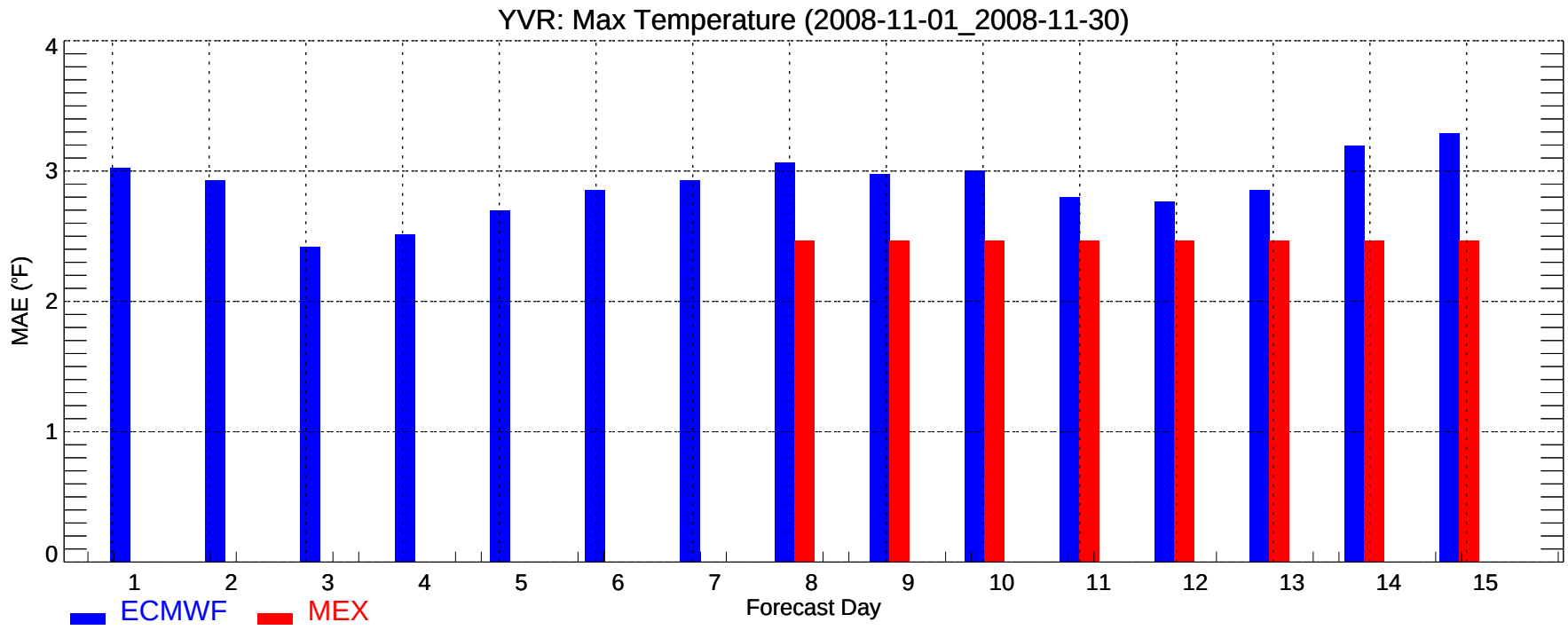
Forecast Day
ECMWF
MEX


YVR: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
1
2
3
4
5
6
7
8
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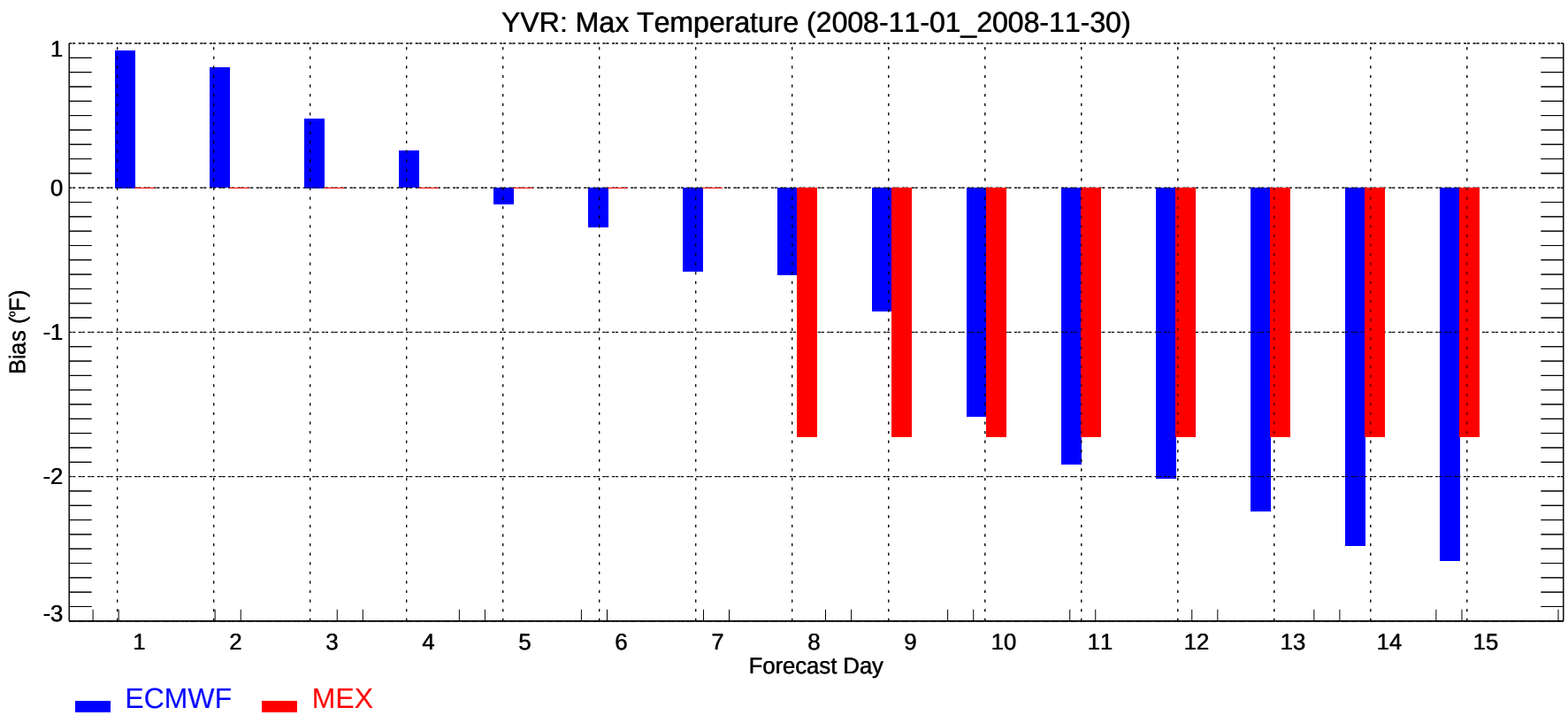
11
12
13
14
15
Forecast Day
ECMWF
MEX


YVR: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
1
0
-1
-2
-3
1
2
3
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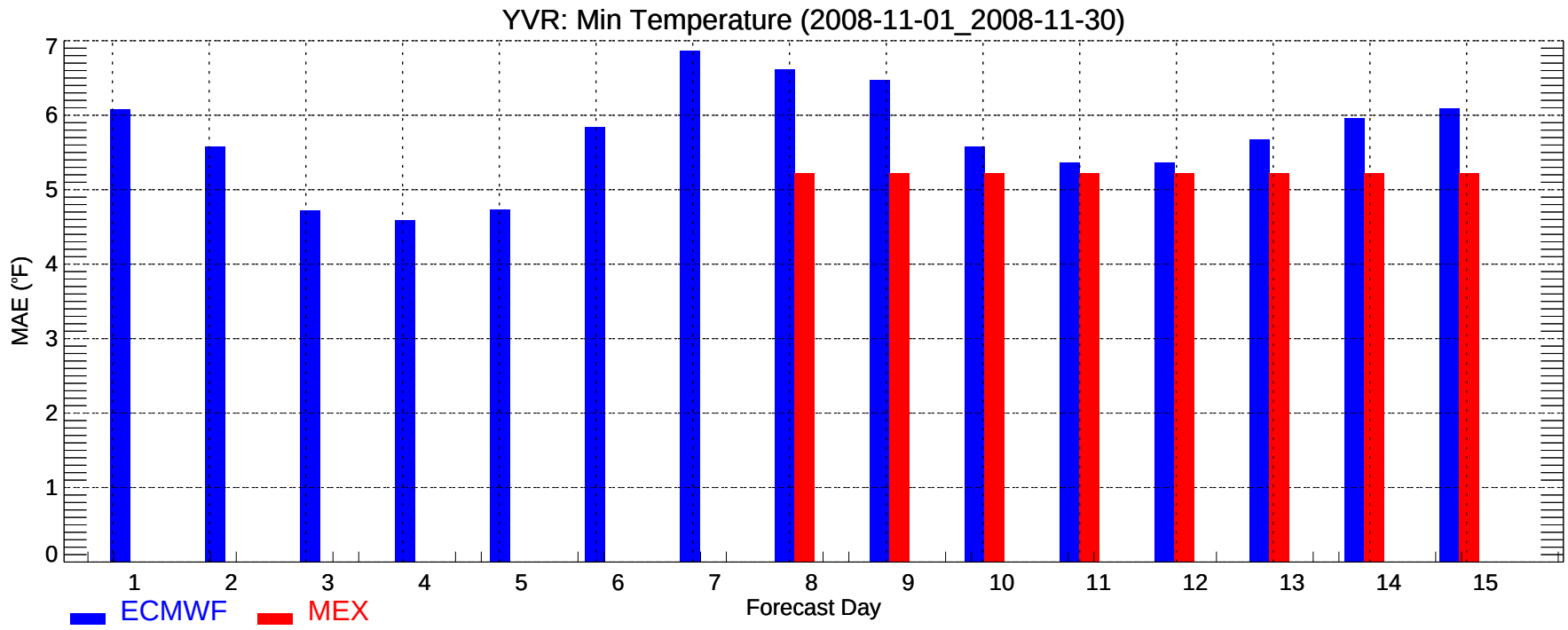
Forecast Day
ECMWF
MEX


YVR: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
1
2
3
4
5
6
7
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2
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6
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13
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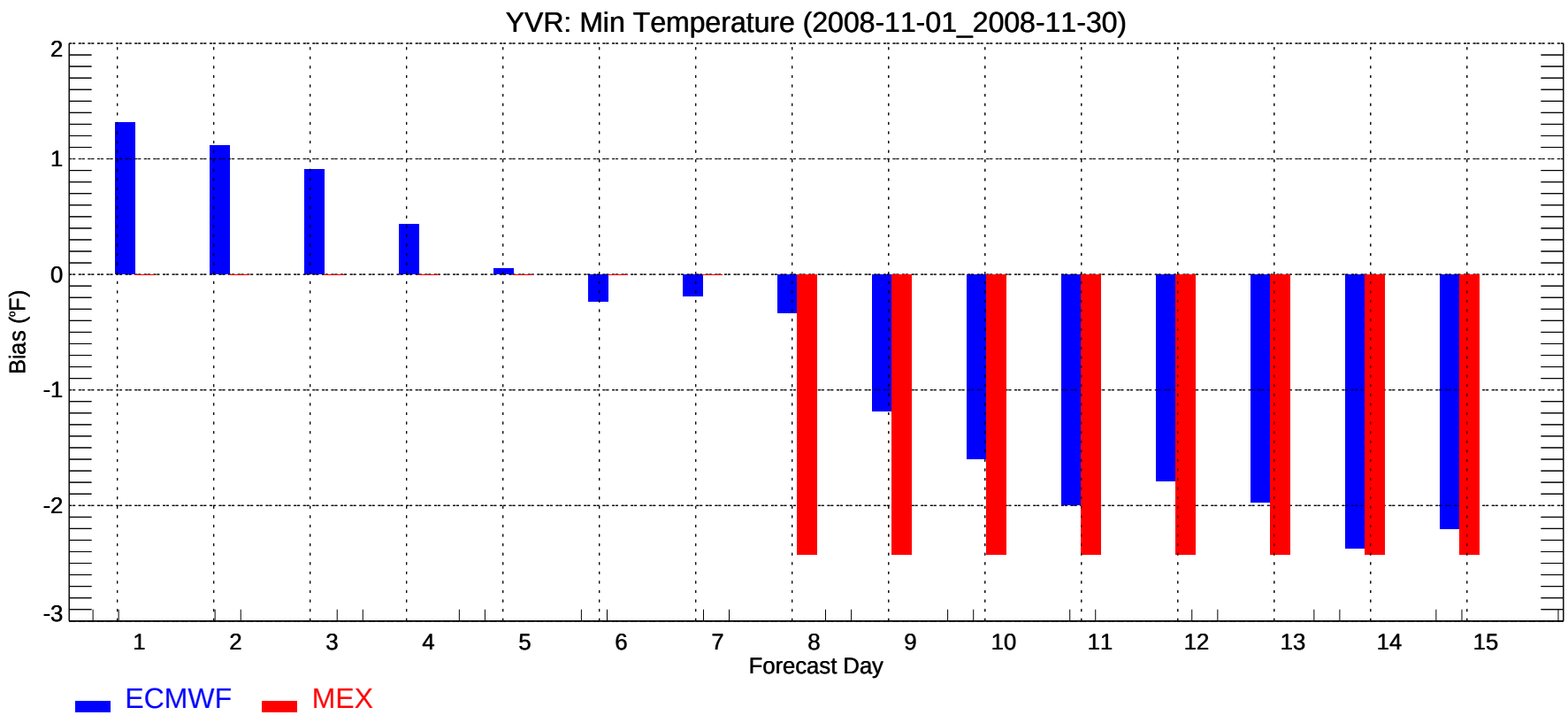
Forecast Day
ECMWF
MEX


YVR: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
1
0
-1
-2
-3
1
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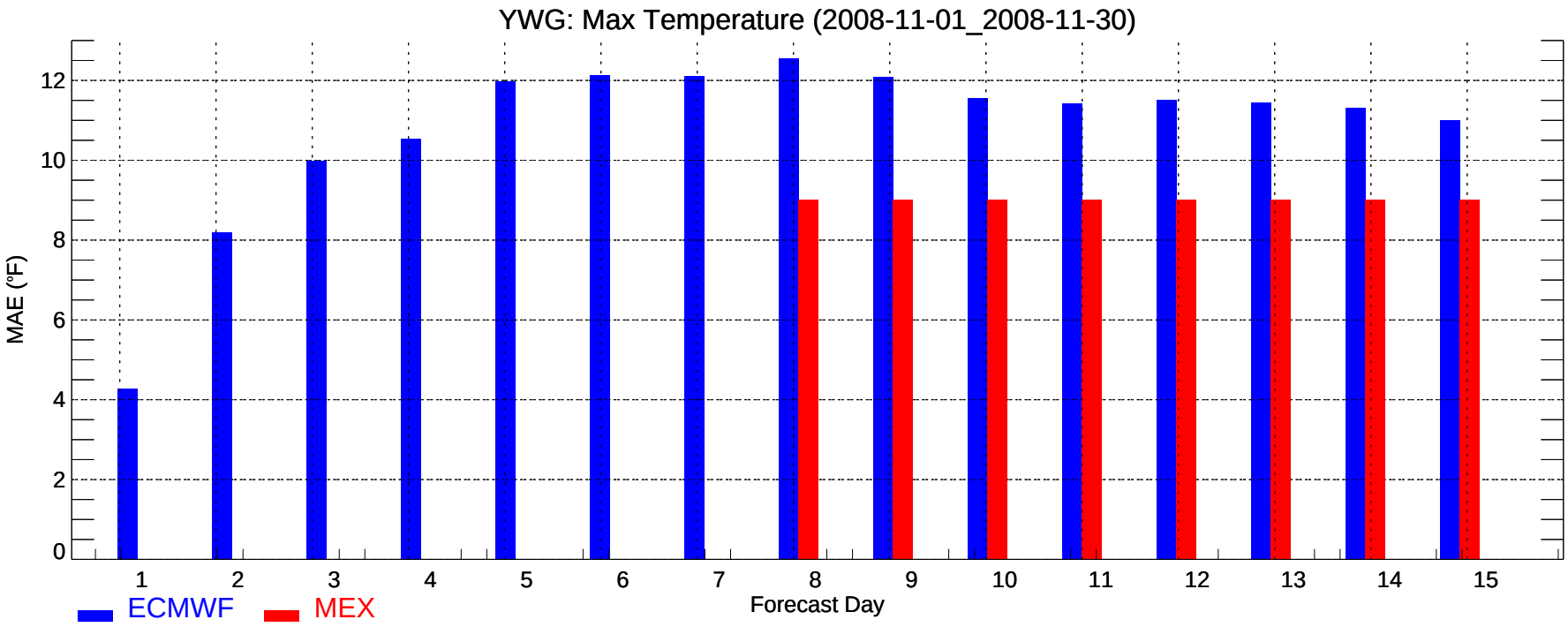
Forecast Day
ECMWF
MEX


YWG: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
12
1
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5
6
7
8
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10
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12
13
14
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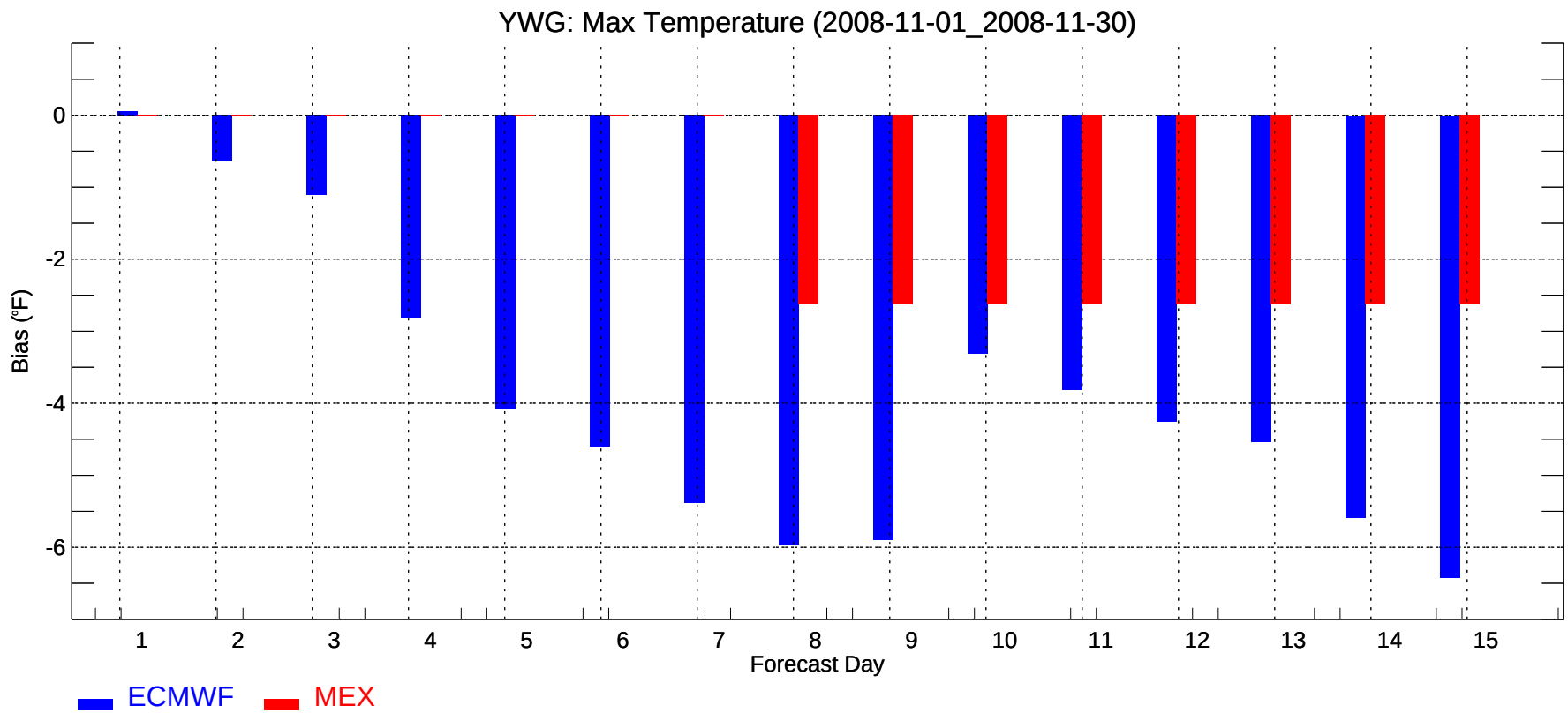
Forecast Day
ECMWF
MEX


YWG: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
1
2
3
4
5
6
7
8
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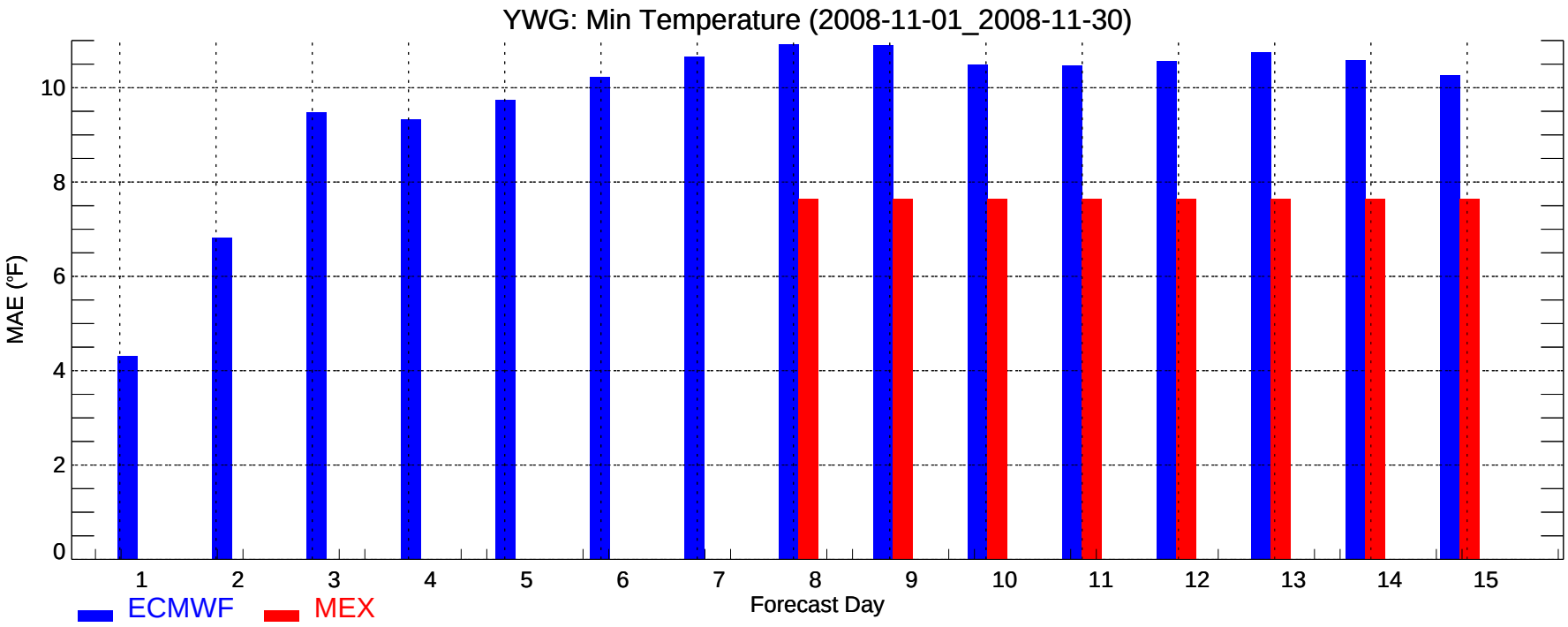
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YWG: Min Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
10
1
2
3
4
5
6
7
8
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10
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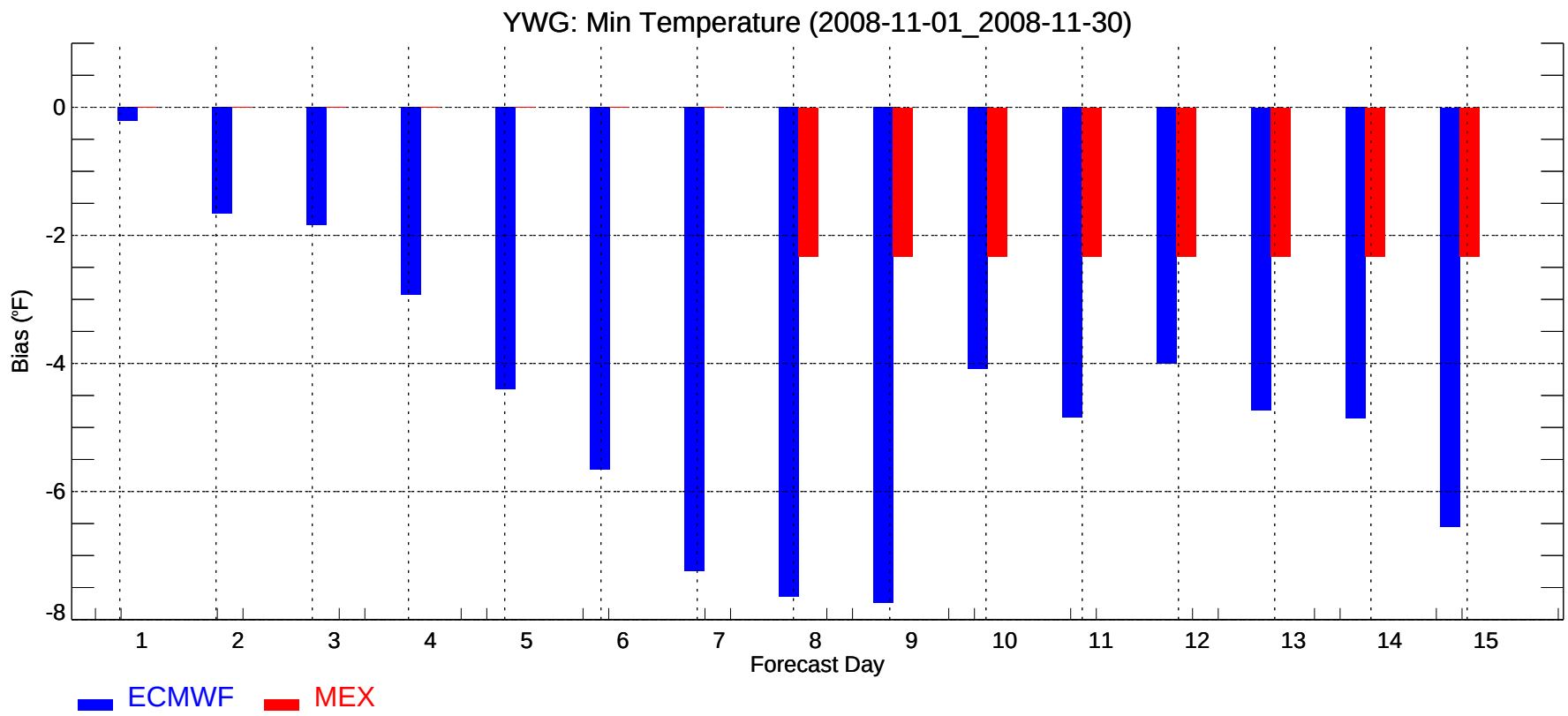
12
13
14
15
Forecast Day
ECMWF
MEX


YWG: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
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4
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14
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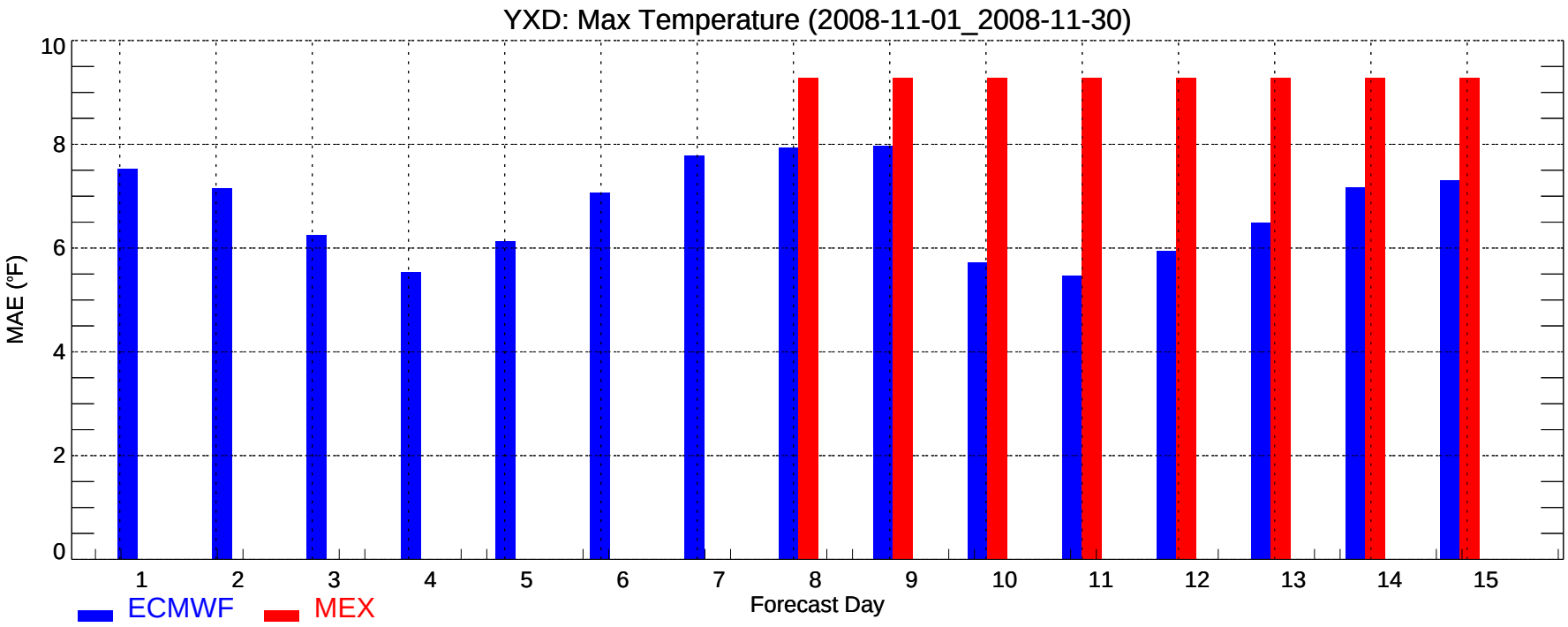
Forecast Day
ECMWF
MEX


YXD: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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1
2
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5
6
7
8
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10
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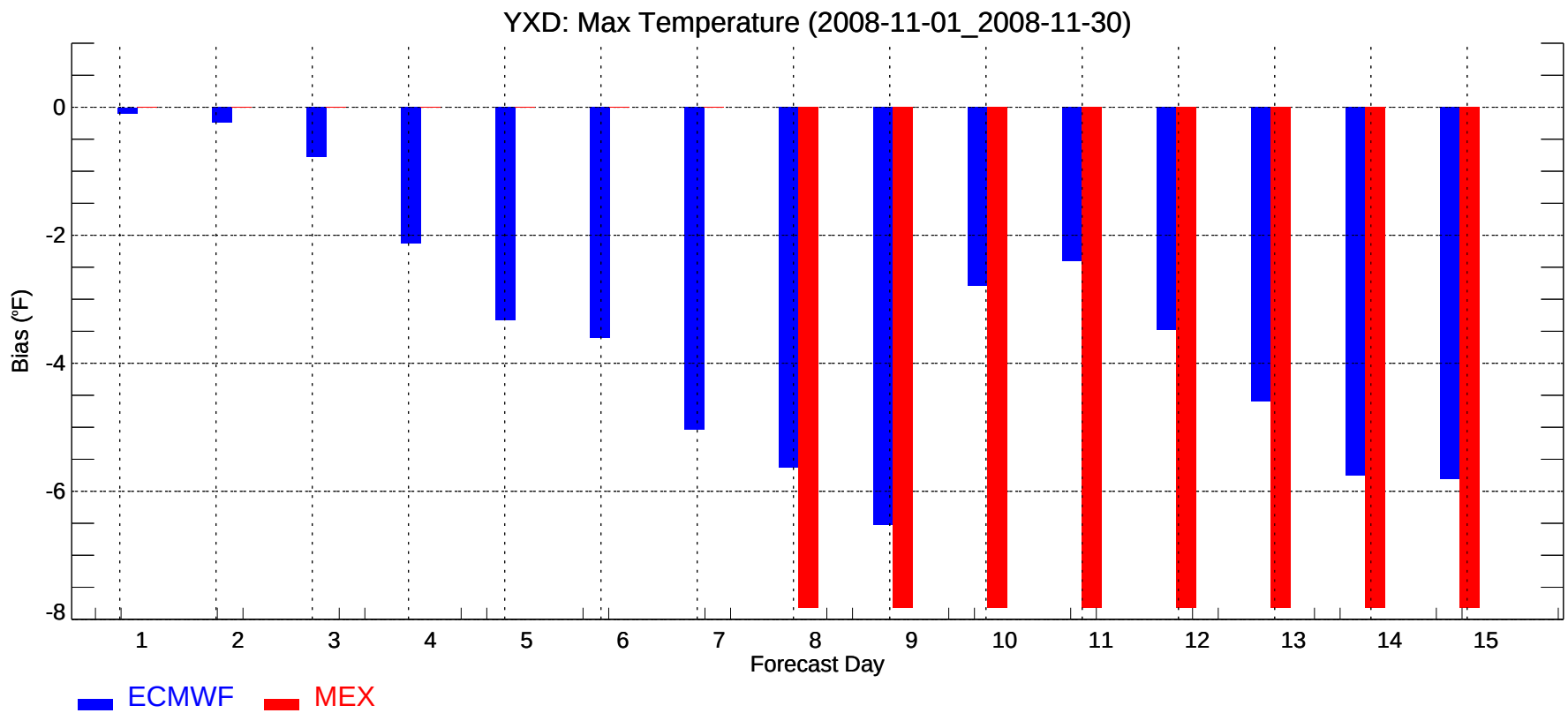
14
15
Forecast Day
ECMWF
MEX


YXD: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
1
2
3
4
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12
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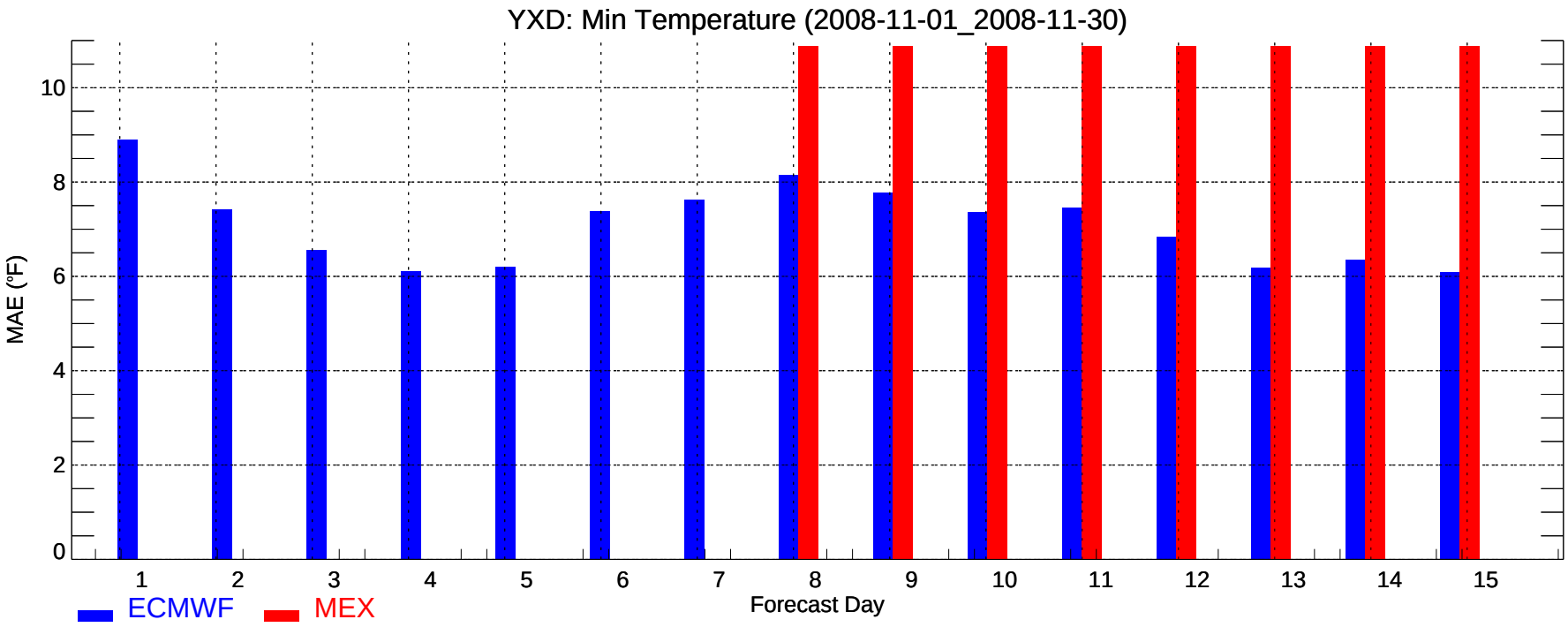
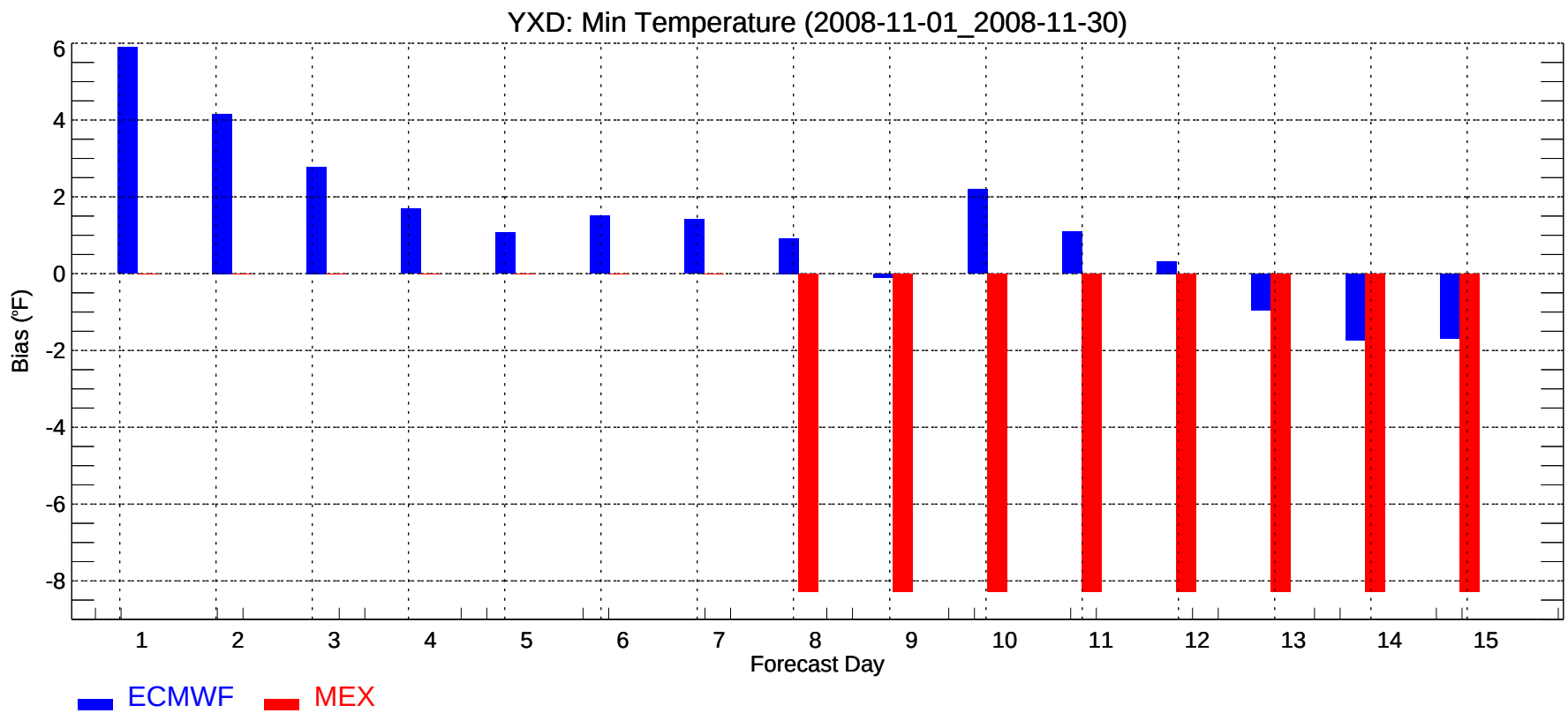
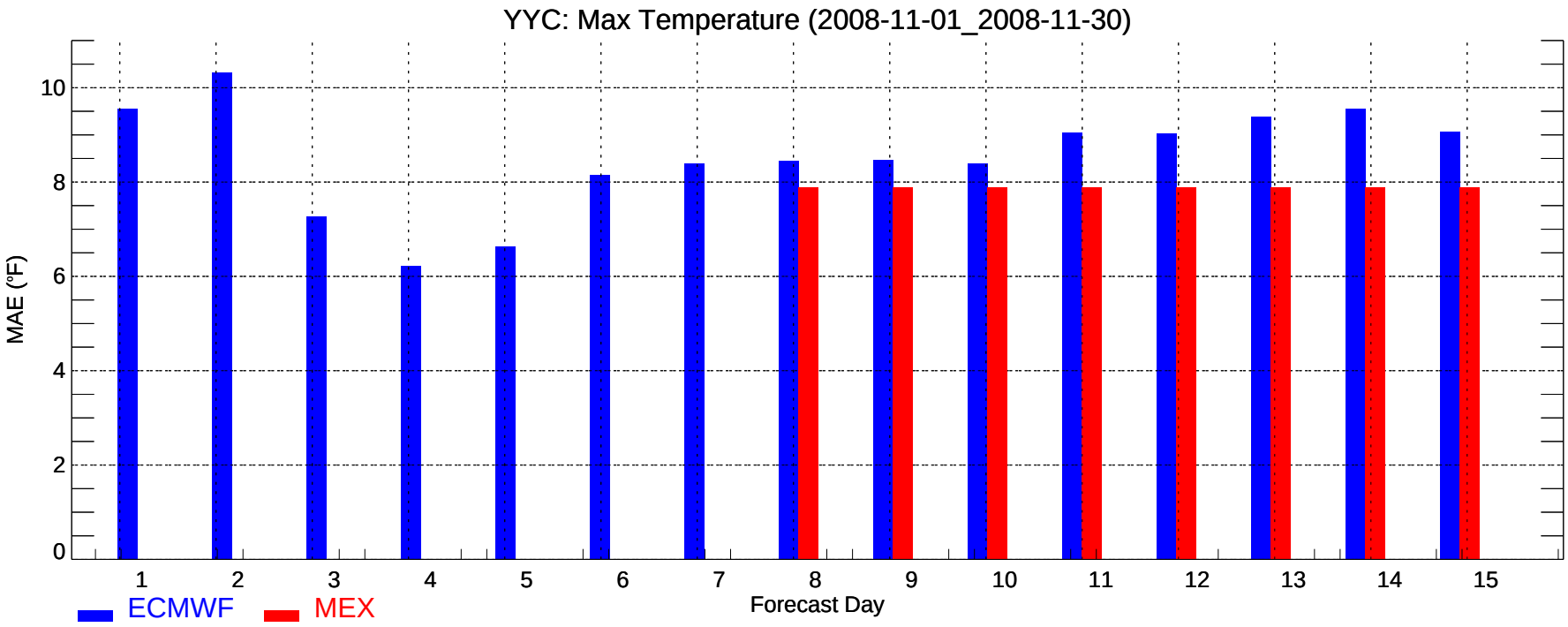
14
15
Forecast Day
ECMWF
MEX


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


YXD: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
6
4
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


YYC: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
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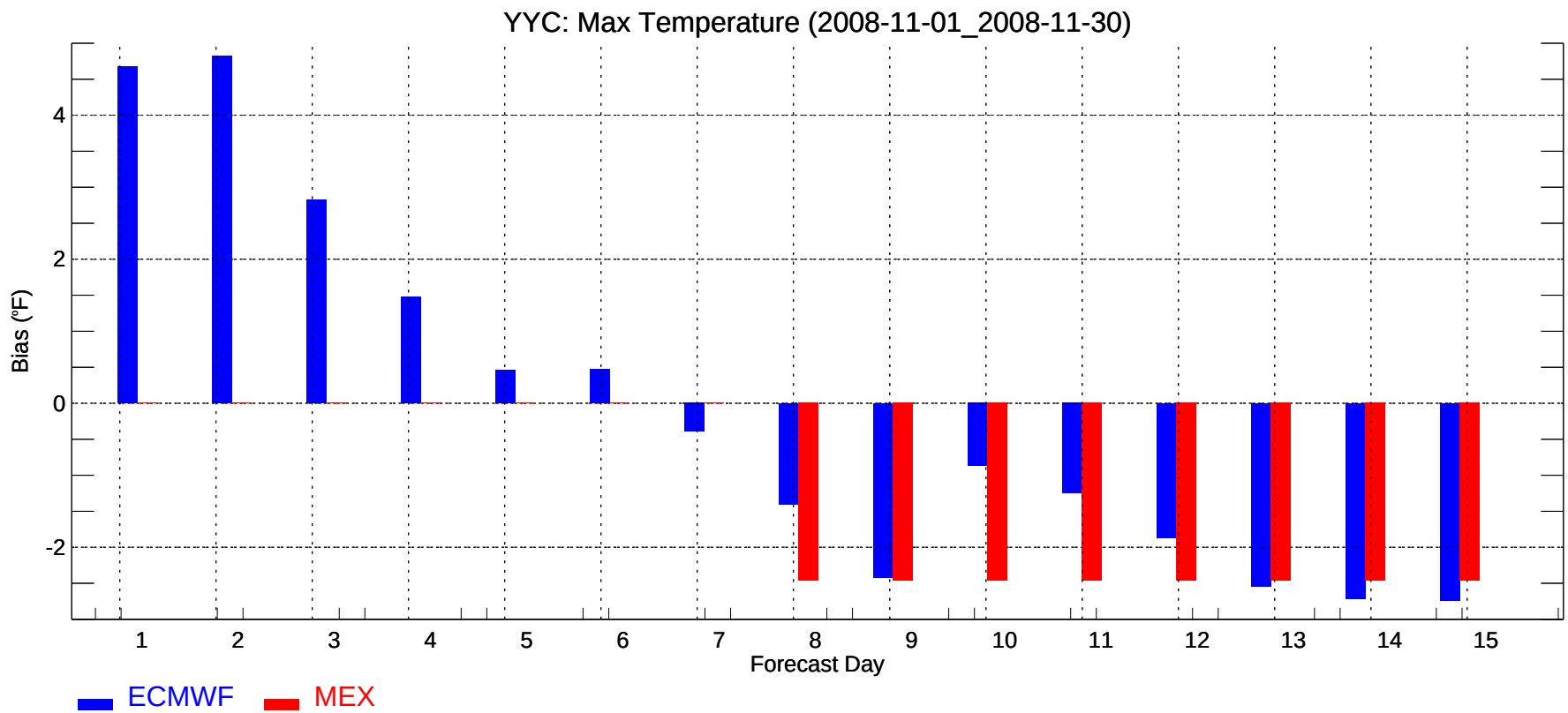
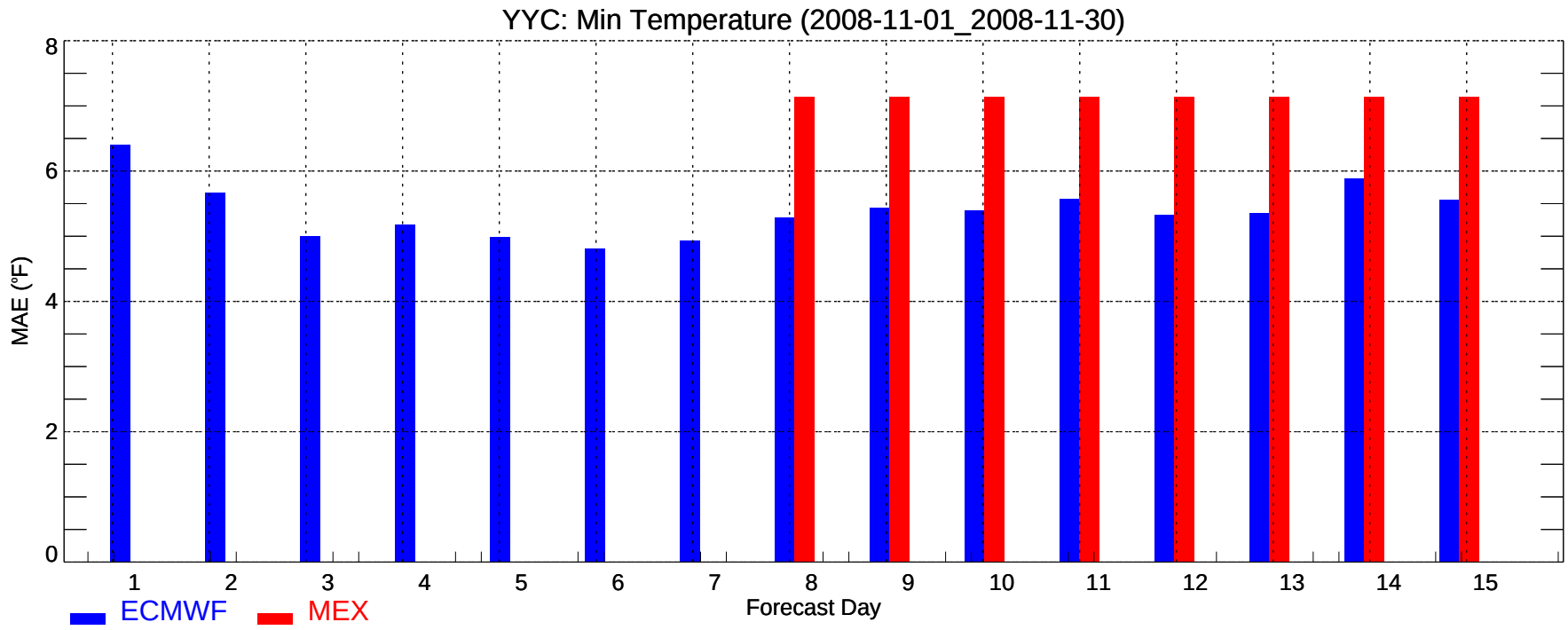
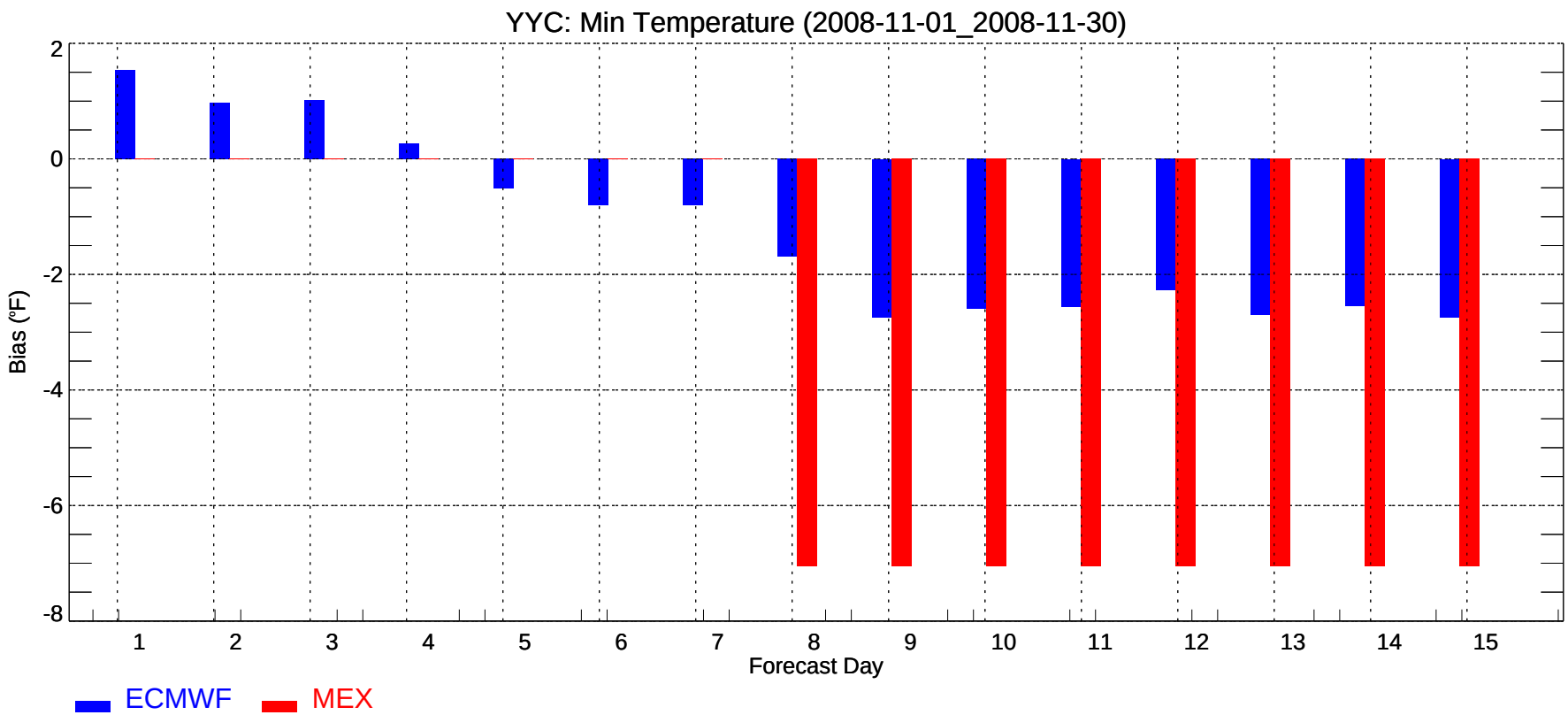
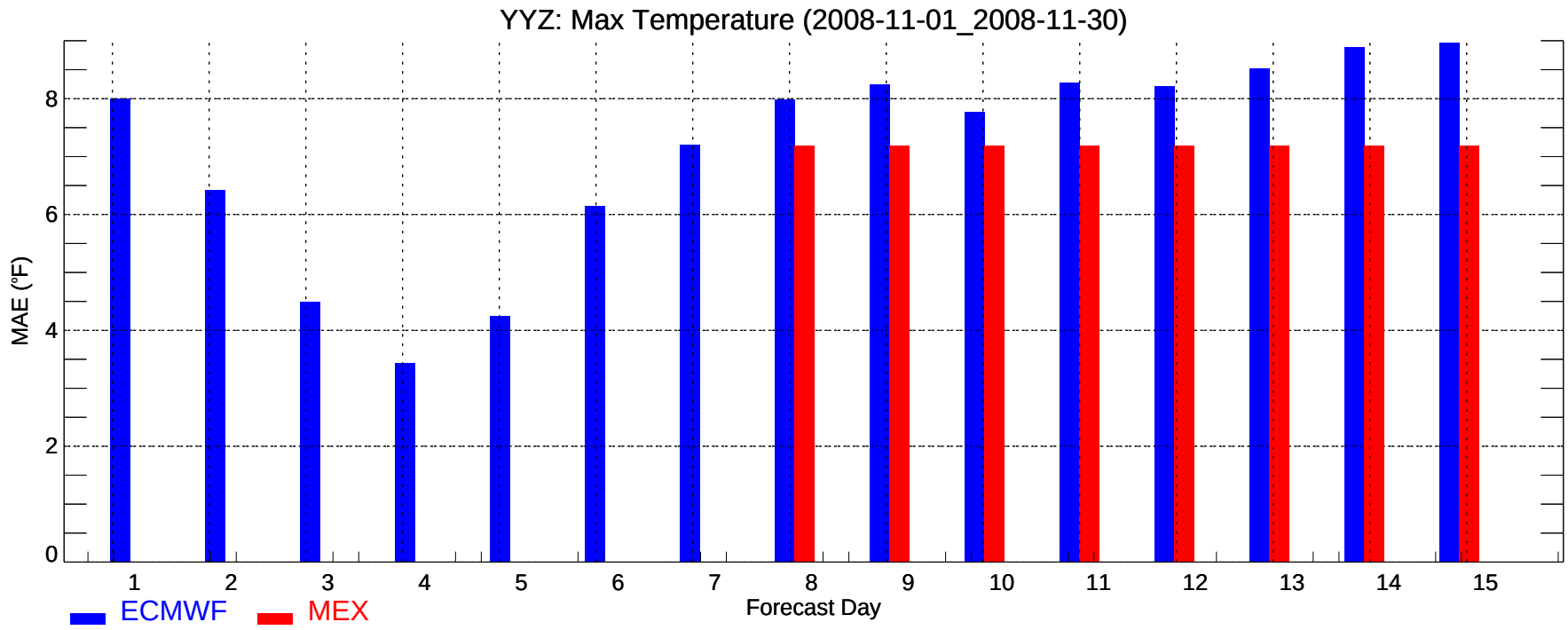
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


YYC: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
-2
0
2
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


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


YYZ: Max Temperature (2008-11-01_2008-11-30)
MAE (°F)
0
2
4
6
8
1
2
3
4
5
6
7
8
9
10
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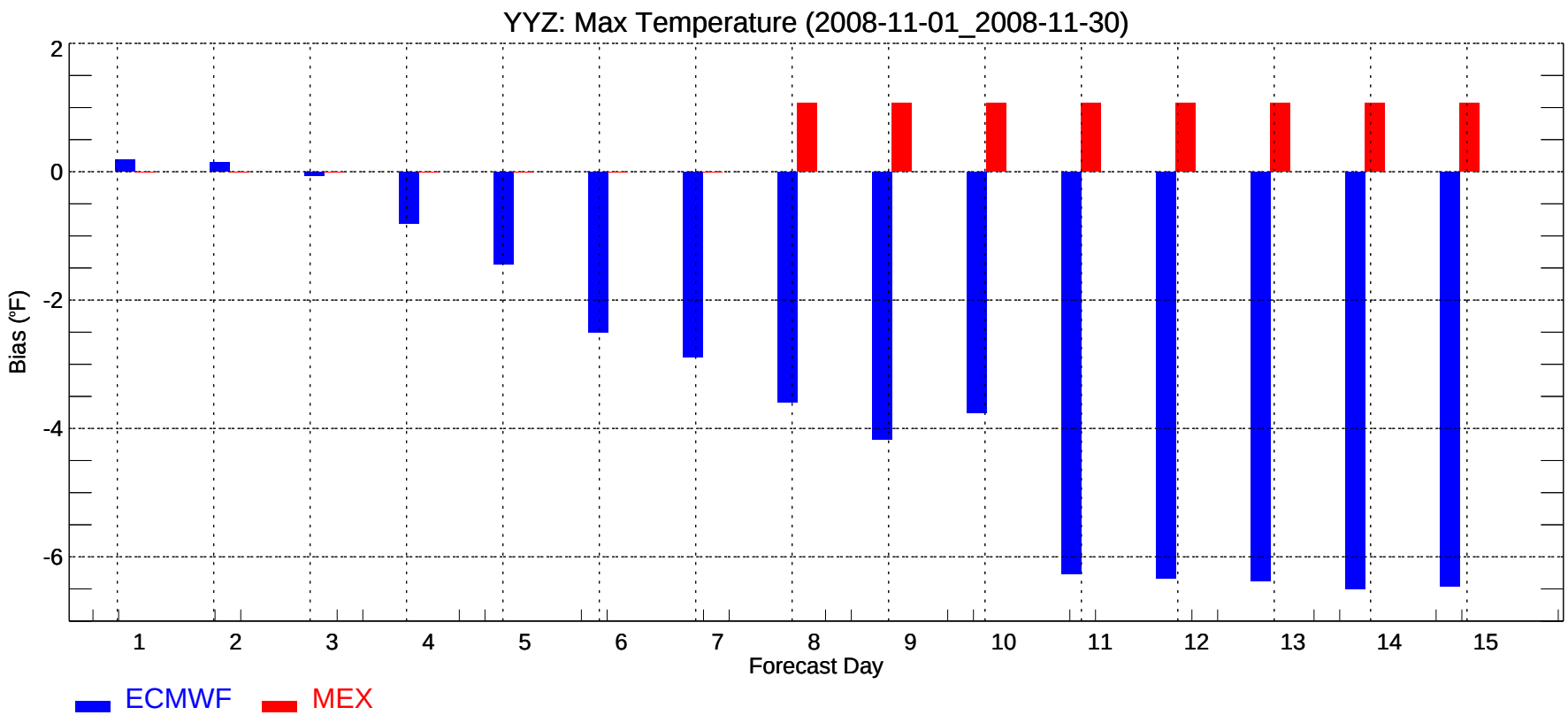
13
14
15
Forecast Day
ECMWF
MEX


YYZ: Max Temperature (2008-11-01_2008-11-30)
Bias (°F)
2
0
-2
-4
-6
1
2
3
4
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6
7
8
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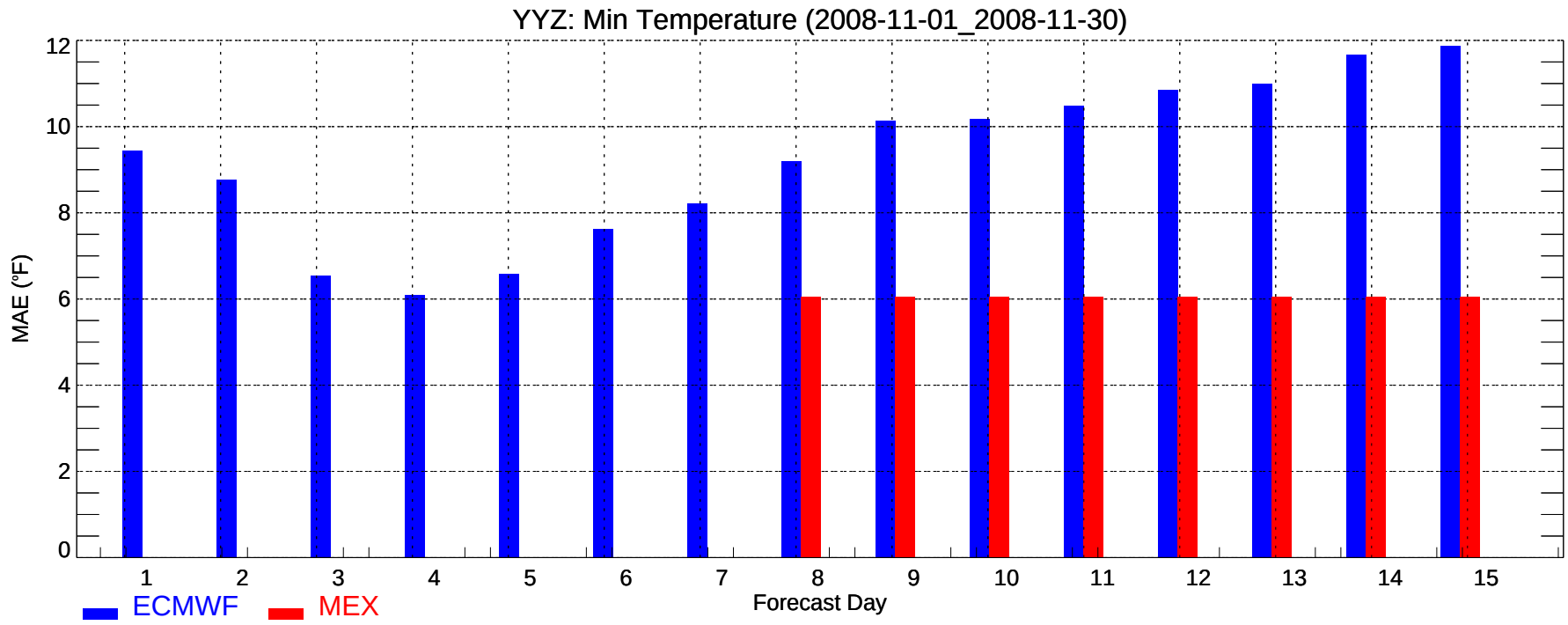
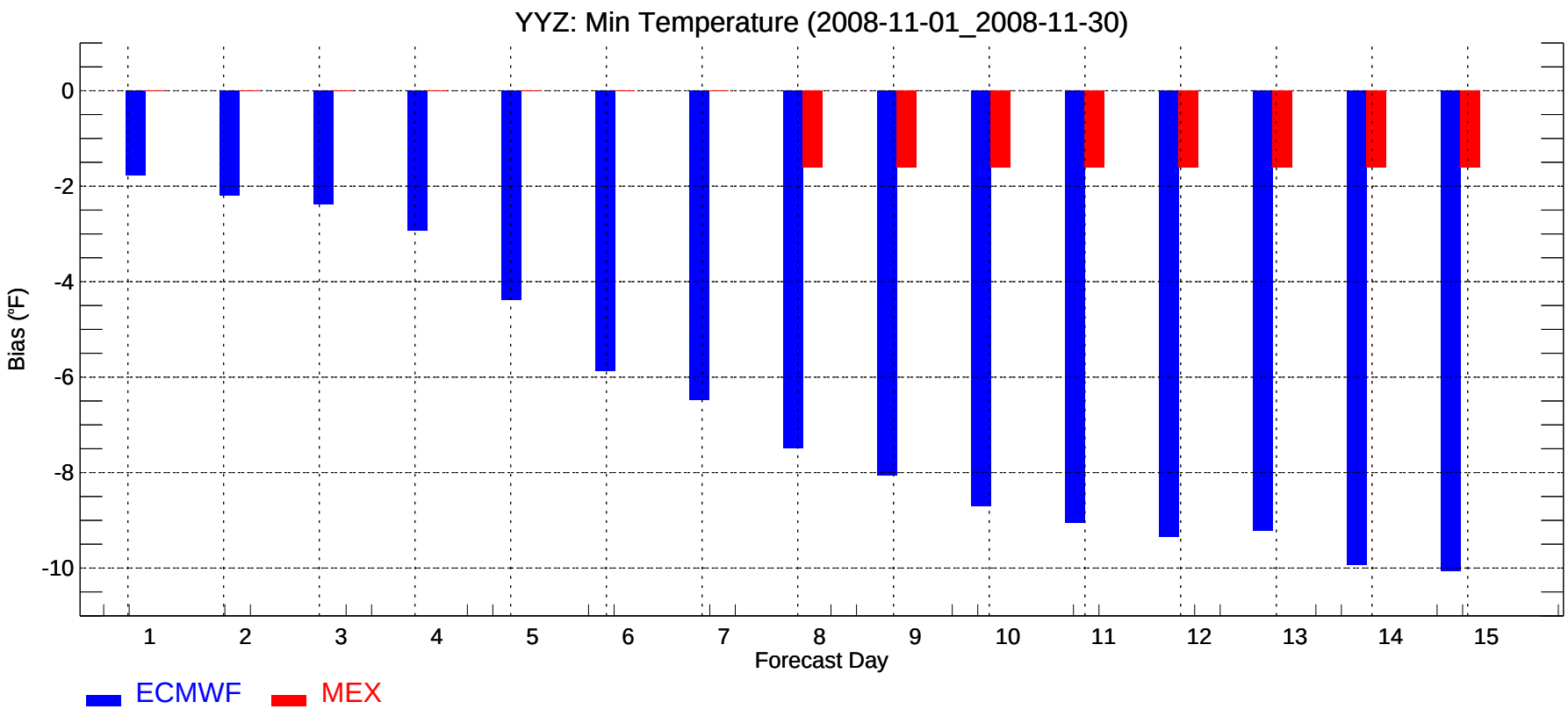
10
11
12
13
14
15
Forecast Day
ECMWF
MEX


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


YYZ: Min Temperature (2008-11-01_2008-11-30)
Bias (°F)
0
-2
-4
-6
-8
-10
1
2
3
4
5
6
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11
12
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Forecast Day
ECMWF
MEX