

# eCast Monthly External Standard Report for 2010-12-01 ~ 2010-12-31

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# ECMWF Temperature MAE Regional Summary

## Max (2010-12-01~2010-12-31)

	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
CME18	2.5	2.7	2.8	3.2	3.5	3.9	4.8	5.4	6.2	6.4	6.5	6.6	6.7	6.8	7.1
USNW	3.7	3.7	3.9	3.9	3.7	3.7	4.0	4.8	5.5	5.8	6.0	6.1	6.3	7.0	7.3
USNC	3.0	3.3	3.6	4.0	4.3	4.9	6.0	7.0	7.6	7.7	7.8	7.9	8.0	8.4	8.8
USNE	2.7	2.6	2.7	2.9	3.3	3.9	4.2	4.4	5.5	6.0	6.1	6.4	6.7	6.9	7.3
USSE	2.5	2.8	3.1	3.3	3.7	4.2	4.8	5.7	6.6	7.1	7.4	7.6	7.6	7.9	8.3
USSC	2.9	3.2	3.4	3.8	4.3	4.9	5.9	6.7	7.5	8.1	8.5	8.7	8.4	8.3	8.5
USSW	3.4	3.4	3.6	3.7	4.0	4.5	4.9	5.3	5.6	5.4	5.7	5.9	6.0	6.0	6.0

## Min (2010-12-01~2010-12-31)

	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
CME18	3.6	3.5	3.7	3.9	4.0	4.2	4.7	5.1	5.7	5.8	6.0	6.0	6.0	6.2	6.3
USNW	3.9	3.9	4.1	4.2	4.2	4.4	4.4	4.9	5.7	6.4	6.7	6.8	6.8	7.2	7.1
USNC	5.0	5.1	5.3	5.7	6.0	6.3	6.7	7.3	7.7	7.9	7.8	7.9	7.8	7.8	7.8
USNE	3.4	3.3	3.5	3.6	4.0	4.4	4.6	4.7	4.9	5.0	4.8	4.8	4.7	4.7	5.1
USSE	2.9	3.0	3.1	3.3	3.7	4.2	4.5	5.0	5.6	6.4	6.9	6.8	6.7	7.3	8.2
USSC	3.6	3.9	4.1	4.2	4.4	4.7	5.1	5.8	6.5	6.9	7.5	7.4	7.5	7.5	7.8
USSW	3.7	3.7	3.9	4.0	4.2	4.4	4.6	4.9	5.5	5.6	5.7	5.9	5.9	6.0	6.0

USNW: US North West

USNC: US North Central

USNE: US North East

USSE: US South East

USSC: US South Central

USSW: US South West

# MEX Temperature MAE Regional Summary

## Max (2010-12-01~2010-12-31)

	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
CME18	2.8	3.1	3.4	3.8	4.1	4.9	5.3	8.4	8.5	8.6	8.8	8.9	9.1	9.2	9.4
USNW	3.3	4.5	4.4	4.8	5.1	5.0	5.0	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
USNC	2.9	3.2	3.7	4.0	4.5	5.6	6.5	10.5	10.7	10.9	11.2	11.4	11.7	12.0	12.2
USNE	2.9	3.2	3.6	4.1	4.2	4.6	5.0	9.6	9.8	10.0	10.3	10.5	10.8	11.0	11.3
USSE	2.9	2.9	3.5	3.9	4.6	4.9	5.8	10.2	10.4	10.5	10.7	10.9	11.0	11.2	11.4
USSC	2.9	3.1	3.6	4.3	4.8	5.8	6.6	9.3	9.4	9.4	9.5	9.6	9.6	9.7	9.8
USSW	2.8	3.2	3.5	3.6	3.9	4.2	4.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4

## Min (2010-12-01~2010-12-31)

	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
CME18	0.0	3.5	3.6	3.8	4.0	4.4	4.8	7.3	7.4	7.5	7.7	7.8	7.9	8.0	8.1
USNW	0.0	3.5	3.6	3.5	3.9	4.1	4.3	5.5	5.5	5.4	5.4	5.3	5.2	5.2	5.2
USNC	0.0	4.0	4.1	4.4	5.0	5.1	5.6	8.5	8.7	8.8	9.0	9.2	9.3	9.5	9.8
USNE	0.0	3.7	3.9	3.9	3.8	4.3	4.4	6.6	6.7	6.9	7.1	7.3	7.5	7.7	7.9
USSE	0.0	3.6	4.0	4.4	5.2	5.6	6.5	12.0	12.2	12.4	12.6	12.7	12.9	13.1	13.3
USSC	0.0	3.5	3.6	4.0	4.4	5.1	5.9	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.6
USSW	0.0	3.2	3.6	3.6	3.8	4.1	4.2	6.4	6.3	6.2	6.1	6.1	6.0	5.9	5.8

USNW: US North West

USNC: US North Central

USNE: US North East

USSE: US South East

USSC: US South Central

USSW: US South West

# ECMWF Temperature BIAS Regional Summary

## Max (2010-12-01~2010-12-31)

	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
CME18	0.3	0.3	0.3	0.3	0.2	0.1	-0.1	-0.1	-0.2	0.2	0.2	0.6	1.0	1.2	1.3
USNW	0.5	0.2	0.4	-0.0	-0.4	-0.7	-1.1	-1.7	-2.7	-3.3	-3.4	-3.5	-3.6	-4.1	-4.3
USNC	0.3	0.3	0.1	-0.3	-0.7	-1.2	-1.1	-1.1	-0.7	-0.5	-0.1	0.3	1.1	1.7	1.8
USNE	0.6	0.4	0.4	0.2	0.0	-0.2	-0.2	-0.0	0.5	1.0	1.6	2.2	2.7	3.5	3.6
USSE	0.4	0.4	0.5	0.6	0.6	0.9	1.2	1.6	2.3	2.7	3.1	3.3	3.6	4.4	5.1
USSC	0.4	0.4	0.6	0.7	1.0	0.9	1.1	1.2	0.8	-0.2	-0.5	-0.3	0.1	0.2	0.4
USSW	0.4	0.3	0.3	0.5	0.5	0.2	0.0	-0.4	-0.7	-0.8	-0.8	-0.7	-0.5	-0.7	-0.8

## Min (2010-12-01~2010-12-31)

	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
CME18	-0.3	-0.6	-0.8	-1.1	-1.1	-1.4	-1.5	-1.6	-1.8	-1.9	-1.8	-1.5	-1.2	-0.8	-0.4
USNW	-0.1	-1.2	-1.5	-1.6	-1.9	-2.0	-1.9	-2.1	-3.1	-4.4	-4.1	-4.3	-4.1	-4.1	-4.0
USNC	-1.7	-2.0	-2.3	-3.1	-3.6	-4.2	-4.3	-4.3	-4.4	-4.7	-4.4	-4.1	-3.5	-3.1	-2.3
USNE	-0.7	-0.9	-1.1	-1.3	-1.5	-1.8	-1.6	-1.3	-1.2	-0.9	-0.3	0.1	0.3	1.0	1.4
USSE	0.8	0.7	0.7	0.7	0.7	0.8	0.9	1.4	1.9	2.7	3.1	3.1	3.2	4.1	5.6
USSC	0.9	1.1	1.2	1.0	0.8	0.7	0.7	0.9	0.8	0.4	0.1	0.1	0.6	1.0	1.9
USSW	-0.7	-0.9	-1.0	-1.1	-1.1	-1.2	-1.3	-1.8	-2.4	-2.8	-3.0	-3.0	-3.1	-3.2	-3.3

USNW: US North West

USNC: US North Central

USNE: US North East

USSE: US South East

USSC: US South Central

USSW: US South West

# MEX Temperature BIAS Regional Summary

Max (2010-12-01~2010-12-31)

	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
CME18	-1.0	-1.1	-0.7	-0.6	-0.2	-0.3	-0.1	3.7	3.9	4.2	4.5	4.9	5.2	5.5	5.8
USNW	-2.2	-3.7	-3.8	-3.8	-3.8	-4.1	-3.8	-0.7	-0.5	-0.3	-0.1	0.1	0.4	0.6	0.9
USNC	-1.3	-1.3	-1.2	-1.1	-0.7	-0.2	-0.0	6.7	7.0	7.4	7.7	8.1	8.4	8.8	9.2
USNE	-0.9	-0.4	0.3	0.6	0.6	0.8	1.1	6.9	7.2	7.6	7.9	8.2	8.6	8.9	9.3
USSE	-1.3	-0.1	1.0	1.9	2.4	2.5	3.1	8.5	8.7	9.0	9.2	9.4	9.6	9.9	10.1
USSC	-1.7	-1.2	-0.9	-0.5	0.1	-0.2	-0.7	1.8	2.0	2.3	2.5	2.8	3.1	3.3	3.6
USSW	-0.2	-0.8	-0.6	-0.4	-0.3	-0.2	-0.4	-0.2	-0.0	0.1	0.3	0.5	0.7	1.0	1.2

Min (2010-12-01~2010-12-31)

	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
CME18	0.0	-0.8	-0.5	-0.4	-0.1	0.1	0.4	1.9	2.2	2.4	2.7	3.0	3.3	3.6	3.8
USNW	0.0	-1.6	-2.1	-1.8	-2.4	-2.4	-2.4	-2.2	-2.1	-1.9	-1.7	-1.5	-1.3	-1.2	-0.9
USNC	0.0	-1.1	-1.0	-1.0	-0.8	-0.2	0.2	3.7	4.1	4.4	4.8	5.1	5.5	5.8	6.2
USNE	0.0	-0.3	0.5	0.6	1.1	1.5	1.9	4.3	4.6	4.9	5.2	5.5	5.9	6.2	6.5
USSE	0.0	0.9	2.0	2.8	3.9	4.4	5.4	11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.6
USSC	0.0	-0.7	-0.2	0.4	0.8	1.3	0.8	3.0	3.3	3.5	3.7	4.0	4.2	4.5	4.7
USSW	0.0	-0.8	-1.2	-1.2	-1.1	-1.3	-1.2	-4.3	-4.1	-4.0	-3.8	-3.7	-3.5	-3.4	-3.2

USNW: US North West

USNC: US North Central

USNE: US North East

USSE: US South East

USSC: US South Central

USSW: US South West

# ECMWF Temperature MAE in CME18

Max (2010-12-01~2010-12-31)

	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
ATL	2.3	2.3	3.1	3.3	3.8	4.3	5.6	6.9	7.3	7.8	8.2	8.5	8.6	8.6	9.0
BOS	3.0	2.4	2.4	2.3	3.3	3.4	3.7	3.7	4.7	6.0	5.9	6.1	6.5	6.6	6.6
BWI	2.5	2.3	2.4	2.8	3.1	3.6	4.0	4.3	5.2	5.5	5.4	5.7	5.7	6.0	6.4
CVG	1.9	2.1	2.9	3.6	4.0	4.2	5.4	7.1	7.5	7.4	7.2	7.1	7.6	8.1	9.0
DFW	2.5	3.0	3.2	4.3	4.5	5.4	6.8	7.4	8.4	9.5	10.0	10.3	9.4	9.0	8.7
DSM	2.6	3.2	3.0	4.3	4.3	4.7	6.5	6.8	7.9	8.5	8.8	8.8	8.8	8.6	9.0
DTW	1.8	2.1	2.4	2.6	3.1	3.5	4.2	5.4	5.9	6.4	6.7	6.9	7.5	8.2	8.5
IAH	2.0	2.5	2.6	2.8	3.1	4.0	4.8	6.0	6.9	7.3	8.3	8.2	8.0	7.6	7.8
LAS	4.0	3.8	3.7	3.8	3.6	3.3	3.9	4.4	4.6	4.0	3.6	3.9	4.2	4.3	4.4
LGA	2.4	2.4	2.4	2.1	2.5	2.8	3.5	3.3	4.8	5.1	5.0	5.5	5.6	5.4	5.8
MCI	3.4	3.5	3.6	4.5	4.8	5.8	7.3	7.6	9.0	9.2	9.3	9.5	9.3	8.5	9.1
MSP	2.6	3.0	3.1	4.0	4.5	5.4	6.6	6.6	6.5	6.3	6.1	5.7	6.1	6.9	7.6
ORD	1.8	2.0	2.1	2.3	2.9	4.0	5.3	6.2	6.7	6.9	6.9	6.8	7.0	7.6	7.9
PDX	3.1	3.3	3.2	3.2	3.1	2.9	3.0	3.5	4.1	4.3	3.8	3.8	4.1	4.1	4.3
PHL	2.1	2.2	2.3	2.6	2.7	3.2	3.8	3.9	5.5	6.0	5.5	6.1	6.2	6.4	6.8
SAC	2.8	3.1	3.0	2.9	2.9	2.6	2.8	2.9	3.3	3.3	3.1	3.2	3.3	3.2	3.0
SLC	3.5	4.1	4.0	3.8	4.2	4.9	5.4	6.2	6.7	6.3	6.2	6.2	6.3	6.1	6.2
TUS	1.5	1.6	1.8	1.7	1.8	3.1	4.3	5.1	5.9	6.0	6.6	7.0	7.1	7.1	7.1

Min (2010-12-01~2010-12-31)

	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
ATL	2.0	2.0	2.0	2.2	2.8	3.3	3.5	3.9	4.7	4.7	5.2	5.2	5.3	5.8	6.3
BOS	2.5	2.2	2.4	3.0	3.2	3.6	3.7	3.4	4.4	5.2	4.8	4.5	4.8	5.1	5.2
BWI	3.4	3.4	3.6	3.4	3.8	4.3	4.2	4.2	3.9	3.8	3.9	3.9	3.7	3.8	4.0
CVG	5.6	6.0	6.3	6.6	5.2	5.7	6.7	8.7	9.2	9.3	8.7	8.8	8.2	8.0	8.3
DFW	1.8	2.0	2.2	2.2	3.0	3.6	4.0	5.2	6.1	6.7	7.6	7.2	6.7	6.2	6.5
DSM	5.5	5.1	4.7	6.2	5.9	6.2	7.0	7.2	7.4	7.9	7.5	7.0	7.1	7.6	7.0
DTW	4.8	4.8	5.4	5.5	5.4	4.8	5.3	5.6	5.9	5.6	6.0	5.9	5.5	5.5	5.8
IAH	2.5	3.1	3.2	3.2	3.1	3.9	4.5	5.5	6.6	7.5	8.9	9.4	8.9	9.1	9.7
LAS	4.8	4.3	4.2	3.9	4.0	3.7	3.8	3.7	3.5	3.6	3.9	4.3	4.6	4.7	4.7
LGA	1.8	1.8	1.9	1.8	1.9	2.0	2.1	2.7	3.5	3.8	3.8	4.4	4.8	4.9	5.2
MCI	3.0	2.4	3.0	3.6	4.4	4.1	5.7	5.7	7.1	7.4	7.5	6.9	6.6	6.4	6.7
MSP	4.3	4.5	4.6	5.7	5.8	6.1	6.9	6.6	6.5	6.4	6.3	6.2	6.6	6.9	6.9
ORD	4.1	3.5	3.9	3.9	4.4	4.8	5.9	6.9	7.4	7.3	7.3	7.5	7.6	7.6	8.5
PDX	5.1	3.0	3.3	3.3	2.6	2.3	2.3	2.8	3.0	2.9	3.3	3.4	3.7	4.2	3.8
PHL	2.3	2.2	2.4	2.4	2.6	2.8	3.2	3.6	3.7	3.6	3.5	3.8	3.7	4.1	4.3
SAC	4.8	5.1	5.1	5.2	5.1	5.3	5.4	6.0	6.6	6.3	6.9	7.0	7.3	7.5	7.5
SLC	4.6	4.5	5.8	5.8	6.4	6.5	6.8	7.3	8.3	6.9	7.1	7.4	7.4	7.8	7.6
TUS	2.4	2.3	2.4	2.5	2.2	2.7	3.0	3.4	4.3	5.5	5.2	5.5	5.6	5.8	6.0

# MEX Temperature MAE in CME18

Max (2010-12-01~2010-12-31)

	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
ATL	3.1	2.5	3.5	4.1	4.9	5.0	6.5	10.9	11.2	11.3	11.5	11.7	11.9	12.1	12.3
BOS	2.0	2.4	2.7	3.3	3.9	4.5	4.8	7.8	8.1	8.3	8.5	8.7	8.9	9.1	9.4
BWI	3.3	3.5	4.0	3.7	4.0	4.3	4.8	10.0	10.2	10.4	10.7	10.8	11.2	11.4	11.6
CVG	2.4	3.0	3.7	4.2	4.5	5.3	5.8	14.1	14.3	14.6	14.9	15.2	15.5	15.8	16.2
DFW	2.9	3.5	3.9	5.6	5.8	6.3	7.0	9.1	9.2	9.1	9.1	9.1	9.1	9.1	9.2
DSM	4.0	4.3	4.3	4.7	5.3	6.8	7.4	9.8	10.0	10.2	10.4	10.6	10.9	11.1	11.4
DTW	1.9	2.3	2.7	2.5	3.1	3.4	3.9	9.2	9.5	9.8	10.2	10.5	10.8	11.2	11.5
IAH	3.1	2.7	3.4	3.5	4.2	5.0	5.6	8.1	8.3	8.2	8.1	8.1	8.2	8.3	8.2
LAS	1.9	2.0	2.0	2.6	3.1	3.1	3.3	4.1	4.1	4.2	4.2	4.2	4.2	4.3	4.4
LGA	2.7	3.5	3.9	4.0	3.7	4.1	4.4	8.3	8.5	8.7	8.9	9.2	9.4	9.6	9.9
MCI	3.7	4.3	4.3	4.8	5.2	7.5	8.5	9.8	9.8	10.0	10.0	10.3	10.4	10.6	10.7
MSP	3.6	3.2	4.2	4.4	4.9	6.8	8.1	8.6	8.8	9.0	9.3	9.5	9.8	10.1	10.4
ORD	1.7	2.4	2.6	3.4	3.2	4.9	5.9	10.4	10.6	10.9	11.3	11.6	12.0	12.3	12.7
PDX	2.5	3.1	3.1	3.5	3.5	3.5	3.1	3.8	3.8	3.8	4.0	4.1	4.1	4.1	4.3
PHL	2.8	3.2	3.4	4.3	3.6	3.9	4.3	9.3	9.5	9.8	10.0	10.3	10.6	10.9	11.2
SAC	2.4	3.2	3.3	3.4	3.0	3.6	3.1	3.0	3.1	3.1	3.0	3.0	2.9	3.0	3.1
SLC	4.1	4.1	3.9	4.2	4.8	5.7	5.2	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.2
TUS	1.8	2.2	2.2	2.5	3.2	4.6	4.4	8.4	8.2	8.1	7.9	7.7	7.5	7.4	7.2

Min (2010-12-01~2010-12-31)

	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
ATL	0.0	2.7	3.0	3.7	4.5	4.5	5.1	9.8	9.9	10.1	10.4	10.6	10.8	10.9	11.1
BOS	0.0	2.9	3.7	3.5	3.4	2.6	3.0	5.6	5.8	6.0	6.2	6.5	6.7	6.9	7.0
BWI	0.0	5.0	4.4	3.7	3.4	4.3	4.5	5.3	5.4	5.6	5.8	5.9	6.2	6.4	6.5
CVG	0.0	3.2	3.0	3.2	4.1	5.3	5.7	10.7	10.9	11.2	11.3	11.6	11.9	12.0	12.3
DFW	0.0	2.7	3.2	3.8	4.1	5.5	5.4	6.8	6.7	6.7	6.9	7.0	7.0	7.0	7.0
DSM	0.0	3.9	4.7	5.1	5.3	5.5	6.4	7.3	7.5	7.6	7.9	8.1	8.3	8.6	8.8
DTW	0.0	3.6	3.3	3.8	4.0	3.7	3.8	7.4	7.6	7.8	8.1	8.3	8.5	8.7	9.0
IAH	0.0	3.1	2.9	3.6	4.1	5.0	6.6	9.9	10.0	10.2	10.2	10.2	10.3	10.4	10.3
LAS	0.0	2.0	2.1	2.2	2.3	2.5	2.6	7.0	6.9	6.7	6.6	6.5	6.3	6.2	6.0
LGA	0.0	3.3	3.1	3.0	3.0	3.1	2.9	5.2	5.4	5.5	5.9	6.1	6.3	6.6	6.8
MCI	0.0	3.8	4.6	5.6	6.2	5.6	7.0	8.3	8.5	8.6	8.7	9.0	9.1	9.4	9.5
MSP	0.0	5.1	5.0	5.5	6.2	6.0	6.5	7.5	7.7	7.9	8.1	8.4	8.5	8.8	9.0
ORD	0.0	2.9	3.3	3.6	3.8	4.4	5.4	10.0	10.4	10.6	10.9	11.2	11.4	11.7	12.1
PDX	0.0	3.2	3.2	2.9	3.1	3.2	3.7	4.2	4.1	4.0	3.9	3.8	3.7	3.7	3.6
PHL	0.0	3.7	3.5	3.5	3.0	3.9	4.0	6.8	7.0	7.2	7.5	7.7	8.1	8.4	8.6
SAC	0.0	4.1	4.5	4.0	4.8	5.5	5.6	8.1	8.1	7.9	7.9	7.8	7.7	7.5	7.4
SLC	0.0	3.0	3.5	3.5	3.9	4.8	4.7	7.2	7.1	6.9	6.7	6.6	6.5	6.4	6.2
TUS	0.0	4.0	3.8	3.9	3.8	3.9	4.5	5.1	5.1	5.0	5.0	4.8	4.7	4.7	4.5

# ECMWF Temperature BIAS in CME18

Max (2010-12-01~2010-12-31)

	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
ATL	0.1	-0.0	0.2	0.3	0.1	0.9	1.4	2.0	2.3	2.9	3.4	3.2	3.6	4.3	5.2
BOS	1.8	0.3	-1.0	-1.0	-1.4	-0.7	-0.7	-1.1	-1.0	-0.1	1.1	1.8	2.3	2.7	2.5
BWI	0.2	0.3	0.4	0.2	-0.2	-0.6	-1.3	-0.7	-0.2	0.0	0.4	1.3	1.5	2.6	2.8
CVG	0.3	0.1	-0.1	-0.2	0.2	0.4	0.4	0.3	0.9	1.2	1.5	1.9	3.5	4.2	4.9
DFW	0.2	0.5	1.2	1.7	2.1	1.8	1.5	1.6	0.3	-1.8	-1.9	-1.5	-1.3	-1.3	-1.0
DSM	-0.1	0.2	0.0	0.1	0.3	-0.8	-1.4	-1.0	-1.4	-1.1	-1.1	-0.5	-0.2	0.3	0.5
DTW	0.6	0.8	0.9	0.9	1.1	1.0	1.9	2.1	2.7	4.1	4.4	4.6	5.5	6.4	6.7
IAH	0.3	1.0	1.3	1.4	1.8	1.6	2.2	2.3	1.6	-0.7	-2.0	-1.5	-1.0	-1.2	-0.9
LAS	2.6	2.4	2.4	2.4	2.4	2.0	2.1	1.5	0.9	-0.9	-0.9	-0.7	-0.8	-0.9	-0.9
LGA	0.2	0.4	0.3	0.2	0.1	0.1	-0.4	-0.5	0.2	-0.3	0.3	1.2	1.4	1.9	1.9
MCI	0.3	0.3	0.9	1.5	0.7	-0.7	-1.0	-0.9	-1.5	-2.1	-2.0	-1.6	-1.4	-1.1	-0.9
MSP	-0.1	-0.1	-0.4	-0.7	-0.9	-1.4	-2.5	-2.2	-1.8	-1.4	-1.3	-1.2	-0.8	-0.6	-0.7
ORD	0.0	0.2	-0.0	-0.1	-0.3	-0.4	-0.5	0.0	0.9	1.8	1.7	1.9	3.2	3.1	3.4
PDX	0.4	1.0	0.9	0.7	0.0	-0.3	-0.6	-1.4	-2.7	0.7	-0.4	-0.3	-0.4	-0.9	-1.3
PHL	0.3	0.4	0.7	0.5	0.3	0.4	0.1	0.7	1.4	2.2	2.1	3.0	3.2	3.9	4.1
SAC	-1.1	-1.3	-1.5	-0.5	-0.9	-0.8	-1.2	-1.2	-1.1	0.5	0.2	-0.2	-0.1	-0.1	-0.2
SLC	-0.9	-1.4	-1.6	-2.0	-2.2	-2.8	-2.9	-3.8	-4.2	-0.7	-0.6	-0.9	-0.8	-1.0	-1.5
TUS	0.1	0.3	0.3	0.6	1.1	1.3	0.9	-0.3	-0.9	-0.6	-0.7	-0.5	-0.2	-0.3	-0.8

Min (2010-12-01~2010-12-31)

	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
ATL	-0.1	-0.2	-0.1	-0.0	0.2	0.3	0.9	1.6	2.1	2.0	1.7	1.9	2.2	3.3	4.4
BOS	1.1	1.0	1.1	1.4	1.5	1.4	1.1	1.5	1.3	0.2	0.8	1.6	2.1	2.5	2.6
BWI	-0.6	-0.7	-1.0	-1.2	-1.5	-2.0	-1.7	-1.9	-1.9	-1.9	-0.8	-0.6	-0.6	0.3	0.6
CVG	-2.1	-3.3	-3.7	-4.8	-4.0	-3.9	-4.7	-5.7	-5.7	-6.1	-5.2	-5.0	-3.4	-2.6	-2.1
DFW	-0.2	-0.0	0.1	0.0	0.2	0.6	0.3	-0.1	-1.1	-1.4	-2.5	-1.6	-1.0	-1.3	-0.3
DSM	-2.2	-2.4	-2.3	-3.2	-2.4	-2.9	-3.4	-3.5	-3.7	-4.1	-3.7	-3.0	-3.0	-2.4	-1.4
DTW	-1.3	-1.5	-2.2	-3.1	-3.6	-3.7	-3.8	-3.6	-3.3	-3.6	-3.3	-3.3	-2.3	-2.1	-1.6
IAH	-0.5	-0.4	-0.0	-0.2	-0.4	-0.9	-1.3	-1.3	-1.2	-1.0	-1.7	-2.2	-1.2	-0.6	0.7
LAS	4.3	3.6	3.6	3.3	3.3	3.3	2.9	2.3	1.6	-1.2	-1.8	-2.4	-2.6	-2.9	-2.8
LGA	0.0	0.3	0.4	0.4	0.3	0.1	0.3	0.6	0.7	1.3	2.1	2.9	3.1	3.6	3.9
MCI	-1.0	-0.9	-0.9	-1.1	-1.1	-1.5	-1.8	-2.1	-2.3	-2.9	-2.6	-1.9	-1.8	-1.5	-0.6
MSP	-0.6	-0.9	-1.3	-2.7	-2.6	-3.2	-3.8	-4.2	-4.8	-5.5	-5.1	-4.7	-5.1	-4.7	-3.7
ORD	-0.7	-0.9	-0.9	-1.6	-1.9	-2.4	-2.6	-2.7	-2.1	-1.9	-1.9	-1.1	-0.3	-0.1	1.1
PDX	5.0	1.9	1.9	1.7	1.2	0.7	0.1	-0.3	-0.8	0.3	0.3	0.4	0.5	1.3	0.5
PHL	-0.1	-0.0	0.1	0.1	-0.0	-0.3	0.1	0.3	0.7	1.0	1.6	2.0	2.0	2.8	2.9
SAC	-3.9	-3.7	-4.0	-4.2	-4.0	-3.8	-3.5	-3.9	-4.4	-3.5	-4.1	-3.9	-4.1	-4.1	-4.5
SLC	-3.3	-3.3	-5.1	-5.2	-5.7	-5.8	-5.8	-5.5	-6.3	-3.7	-3.4	-3.6	-3.1	-3.8	-3.9
TUS	0.1	-0.0	0.1	0.2	0.1	-0.2	-0.2	-1.1	-1.3	-2.1	-2.2	-2.5	-2.5	-2.7	-3.3

# MEX Temperature BIAS in CME18

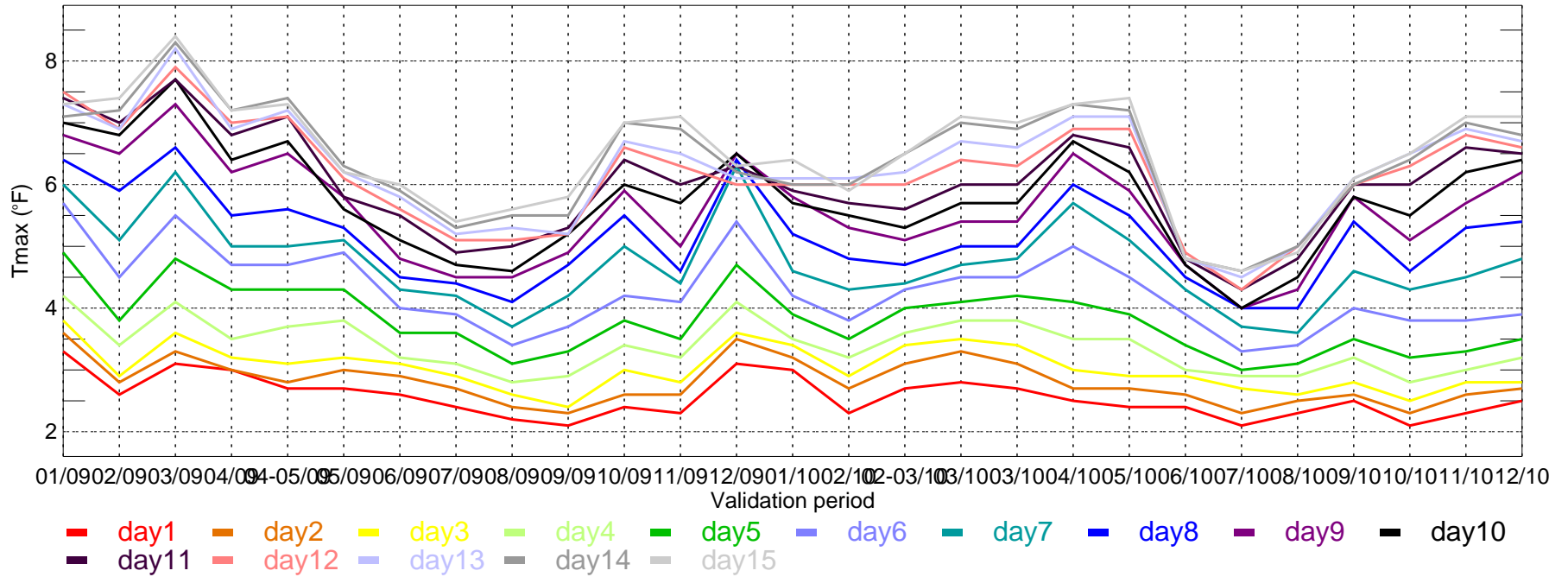
Max (2010-12-01~2010-12-31)

	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
ATL	-1.4	-0.5	0.7	2.7	2.0	1.9	3.2	8.7	9.0	9.2	9.5	9.8	10.1	10.4	10.6
BOS	-0.8	0.9	1.0	1.1	-0.3	-0.5	-0.2	5.1	5.4	5.7	6.0	6.4	6.7	7.0	7.4
BWI	-2.4	-2.2	-1.7	-0.8	-0.4	-0.3	0.6	8.2	8.5	8.9	9.2	9.5	9.9	10.2	10.5
CVG	-1.4	-0.6	-0.5	-0.5	-0.0	1.1	2.2	11.9	12.2	12.5	12.9	13.2	13.6	13.9	14.3
DFW	-1.9	-1.5	-1.0	-1.4	-0.4	-0.6	-1.9	-2.0	-1.8	-1.6	-1.3	-1.1	-0.8	-0.5	-0.3
DSM	-3.3	-3.7	-2.9	-4.1	-3.1	-3.1	-3.2	4.0	4.4	4.7	5.2	5.6	6.0	6.5	6.9
DTW	0.5	1.1	0.8	-0.0	0.5	1.0	1.4	7.5	7.9	8.2	8.6	9.0	9.4	9.7	10.1
IAH	-2.0	-1.2	-1.0	-0.5	0.3	-1.6	-1.7	-0.2	0.0	0.2	0.5	0.6	0.9	1.1	1.3
LAS	-0.1	-0.1	0.2	0.7	1.1	1.1	0.6	-0.8	-0.5	-0.3	-0.1	0.2	0.4	0.7	1.0
LGA	-0.7	0.2	0.9	1.3	0.8	1.0	0.9	6.0	6.3	6.6	6.9	7.2	7.5	7.9	8.2
MCI	-2.0	-2.6	-1.8	-1.3	-0.6	-1.0	-0.9	3.3	3.6	4.0	4.4	4.7	5.1	5.5	5.9
MSP	-3.1	-2.6	-3.7	-3.0	-2.4	-1.6	-1.6	4.8	5.1	5.5	6.0	6.3	6.8	7.1	7.6
ORD	0.8	-1.0	-0.3	-1.0	-0.4	0.3	-0.0	7.8	8.2	8.5	8.9	9.3	9.7	10.1	10.5
PDX	-1.0	-2.5	-2.8	-3.0	-2.8	-2.9	-2.2	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.2
PHL	-2.1	-1.5	-0.9	-0.5	1.1	0.6	0.8	7.4	7.7	8.1	8.4	8.7	9.1	9.5	9.8
SAC	0.2	-1.8	-1.3	-1.5	-1.4	-2.3	-1.8	-0.8	-0.5	-0.3	0.0	0.3	0.5	0.8	1.2
SLC	2.3	1.4	1.2	1.4	2.3	1.8	2.6	0.1	0.4	0.7	1.0	1.3	1.6	2.0	2.3
TUS	-0.4	-1.2	-0.3	0.4	1.0	-0.1	-0.2	-5.2	-5.0	-4.8	-4.6	-4.4	-4.2	-3.9	-3.7

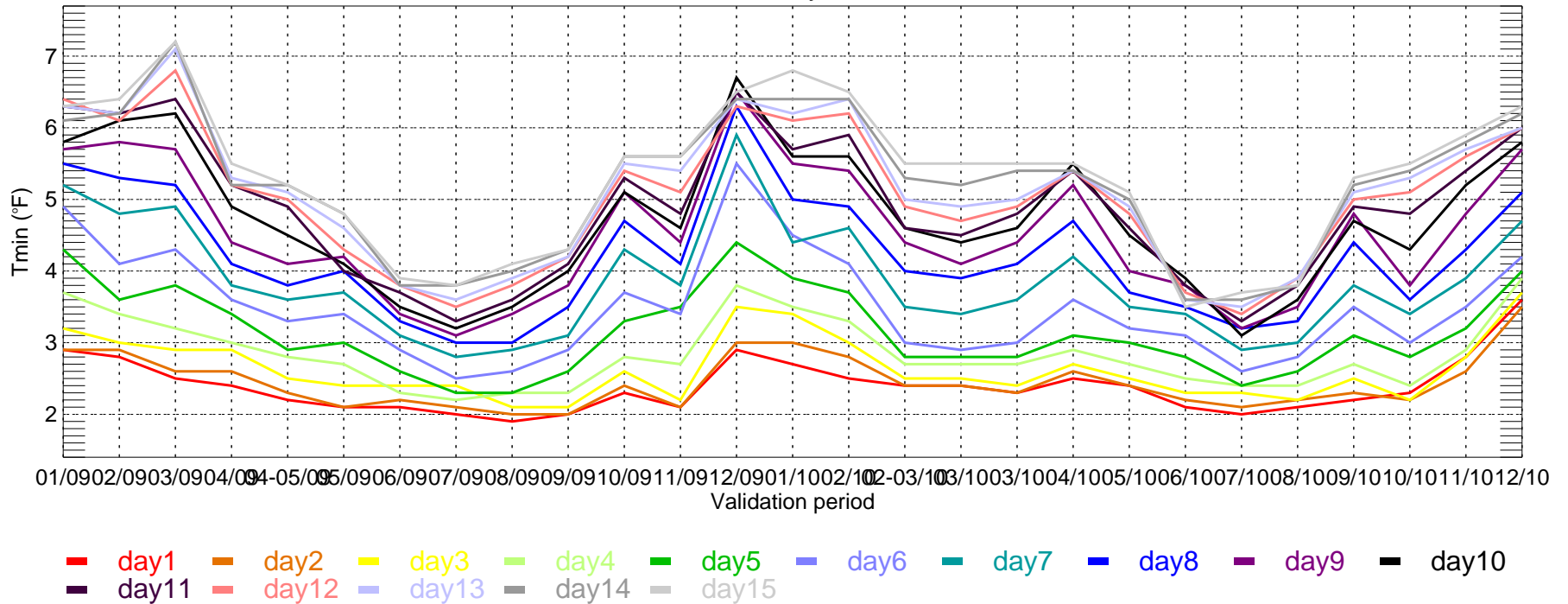
Min (2010-12-01~2010-12-31)

	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
ATL	0.0	0.3	1.0	2.4	3.5	3.5	3.8	8.8	9.0	9.2	9.5	9.7	9.9	10.2	10.4
BOS	0.0	1.2	2.5	2.1	2.0	0.9	1.0	3.7	4.0	4.4	4.7	5.0	5.4	5.7	6.1
BWI	0.0	-2.9	-1.8	-1.7	-0.3	0.5	1.1	4.0	4.3	4.5	4.7	5.0	5.2	5.5	5.7
CVG	0.0	-0.2	0.0	0.4	0.3	1.2	2.5	8.4	8.7	9.0	9.3	9.6	9.9	10.3	10.5
DFW	0.0	-1.3	-0.5	0.4	0.7	0.9	-0.1	-0.3	-0.0	0.2	0.5	0.7	1.0	1.2	1.5
DSM	0.0	-2.1	-0.9	-1.7	-0.7	-0.3	-0.6	3.5	3.9	4.3	4.7	5.1	5.5	5.9	6.3
DTW	0.0	0.0	-0.3	0.0	-0.0	0.1	1.4	5.1	5.4	5.7	6.1	6.4	6.7	7.1	7.4
IAH	0.0	0.6	0.5	1.2	0.9	1.0	-0.3	-0.8	-0.6	-0.4	-0.2	0.0	0.3	0.5	0.7
LAS	0.0	-1.3	-1.4	-1.2	-0.4	-0.9	-2.0	-6.1	-5.9	-5.7	-5.5	-5.3	-5.1	-4.9	-4.6
LGA	0.0	-0.2	0.5	0.5	0.7	0.8	1.7	3.8	4.1	4.5	4.8	5.1	5.4	5.7	6.1
MCI	0.0	-0.2	0.4	0.1	1.5	2.0	1.8	4.5	4.8	5.2	5.5	5.9	6.2	6.6	6.9
MSP	0.0	-3.5	-3.2	-3.3	-2.8	-1.8	-0.1	1.7	2.1	2.5	3.0	3.4	3.9	4.3	4.8
ORD	0.0	1.6	1.3	1.0	0.4	1.2	0.9	6.7	7.0	7.4	7.8	8.1	8.5	8.9	9.2
PDX	0.0	-2.4	-2.4	-1.9	-2.5	-2.4	-2.6	-2.5	-2.3	-2.2	-2.0	-1.8	-1.7	-1.5	-1.4
PHL	0.0	-0.6	0.2	-0.2	1.1	1.7	2.0	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3
SAC	0.0	-3.5	-3.6	-3.0	-3.2	-3.8	-3.3	-5.9	-5.7	-5.6	-5.5	-5.3	-5.2	-5.0	-4.8
SLC	0.0	0.8	-0.3	-1.3	-1.5	-0.8	0.3	-4.1	-3.9	-3.7	-3.4	-3.2	-2.9	-2.6	-2.4
TUS	0.0	-1.4	-1.0	-1.9	-1.1	-1.0	-1.1	-2.6	-2.5	-2.3	-2.2	-2.1	-1.9	-1.7	-1.6

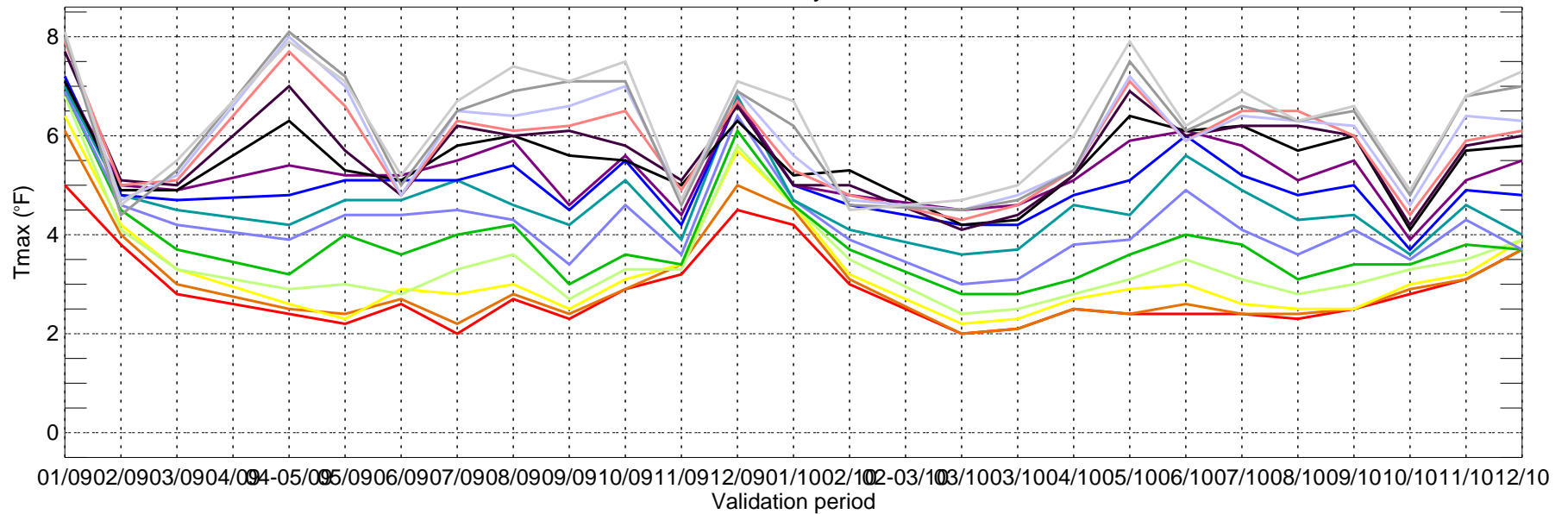
CME18: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



CME18: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

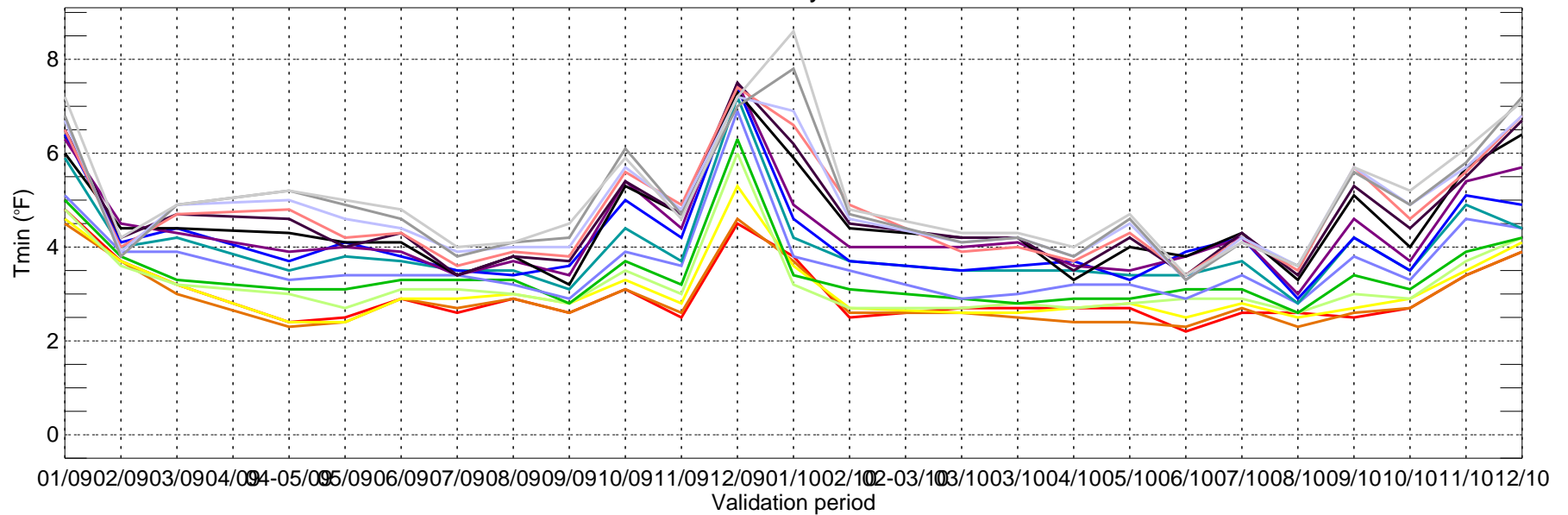


USNW: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



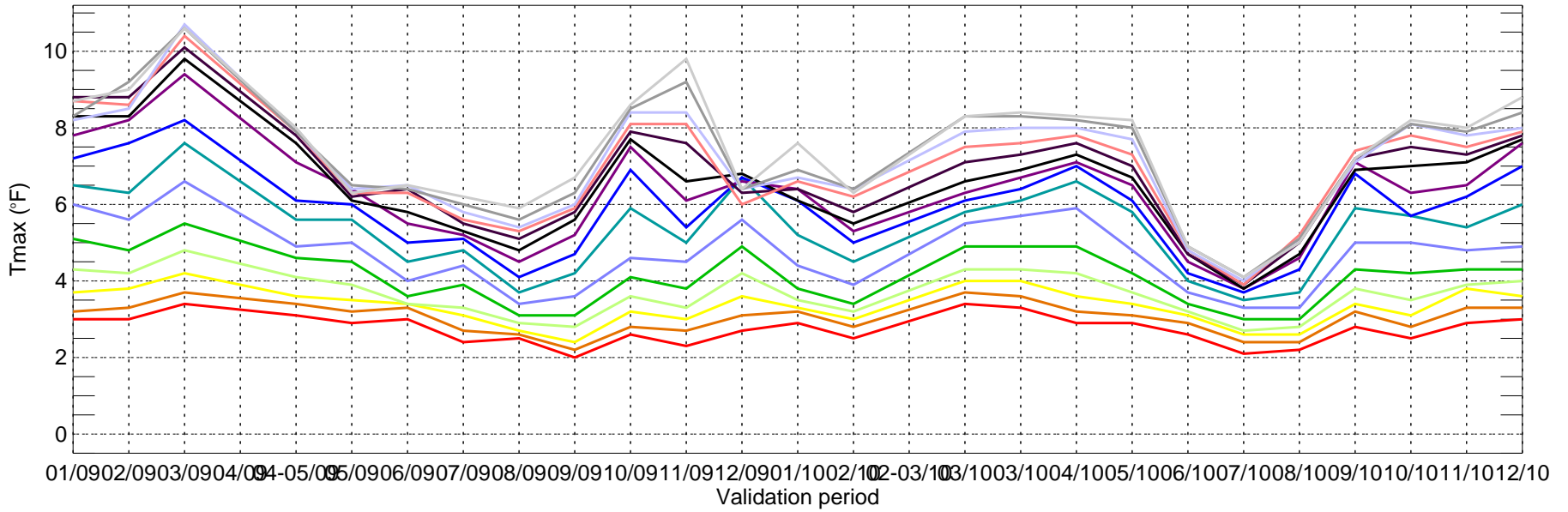
- day1
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- day14
- day15

USNW: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

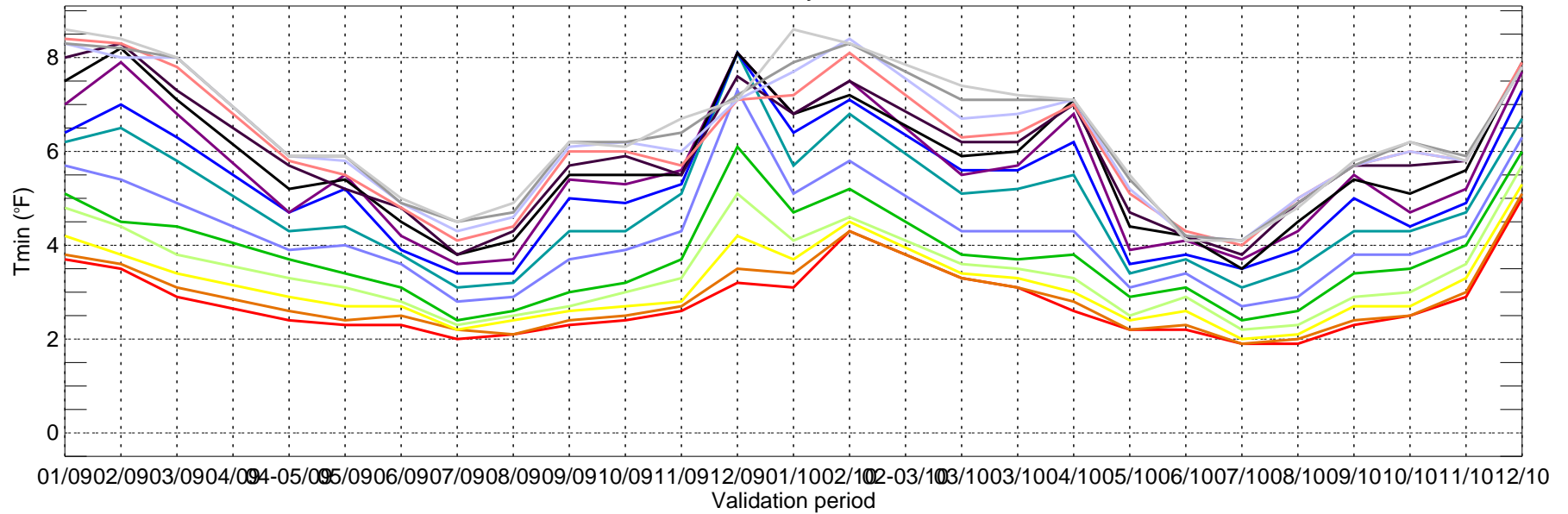


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- day15

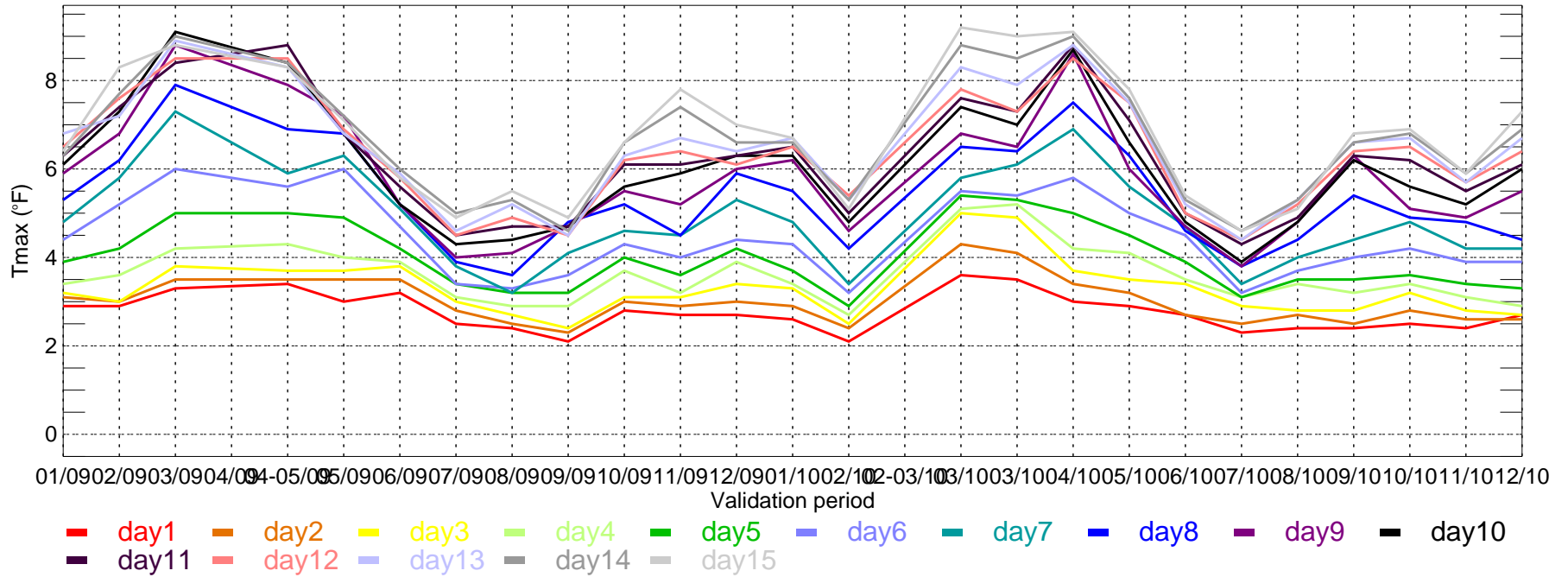
USNC: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



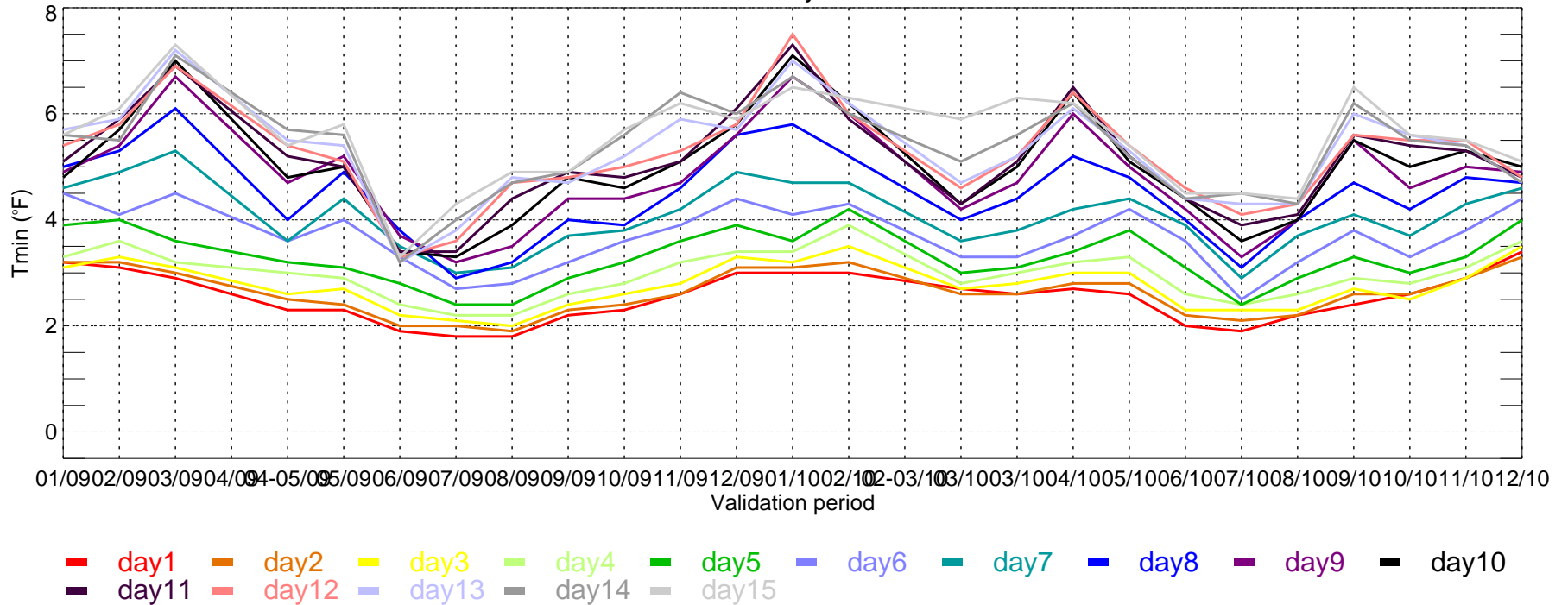
USNC: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



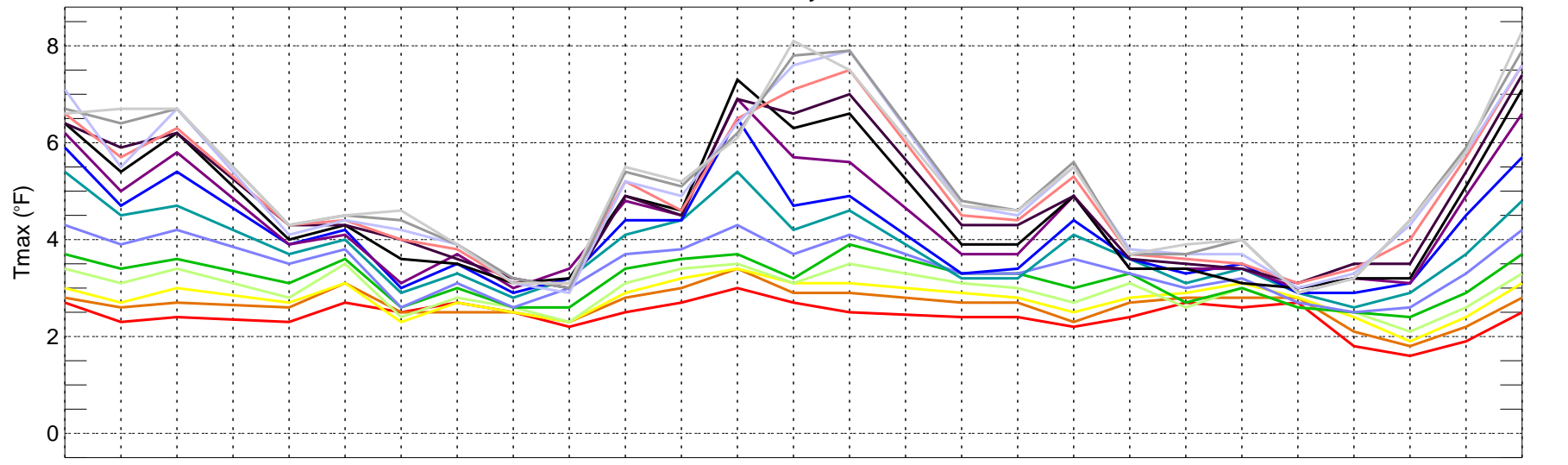
USNE: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



USNE: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



USSE: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

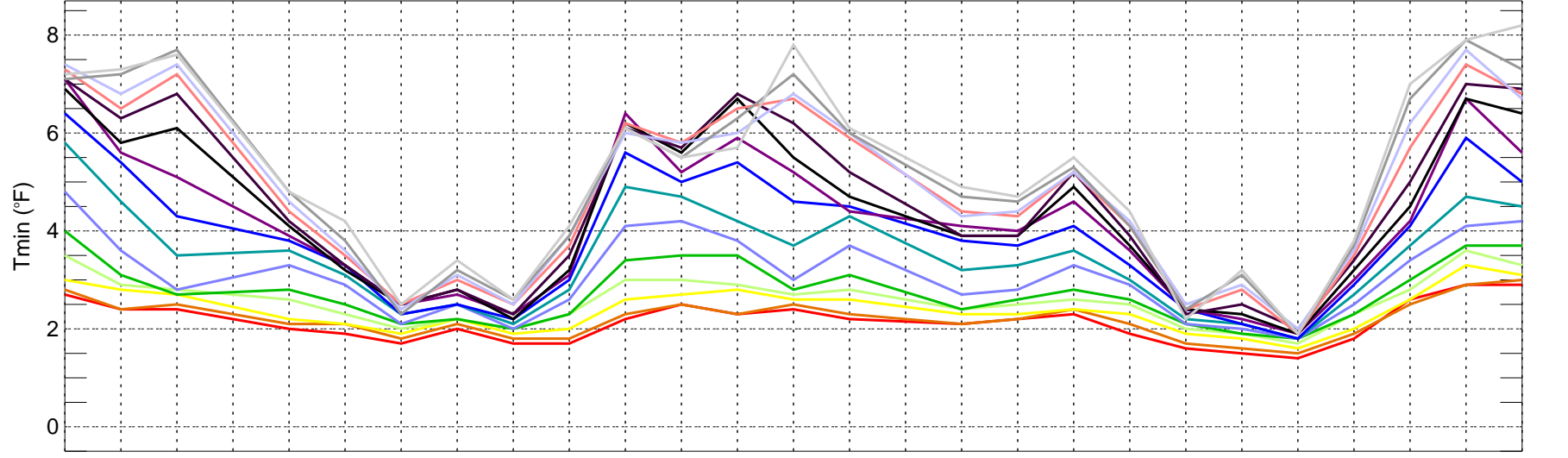


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

- day1
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USSE: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

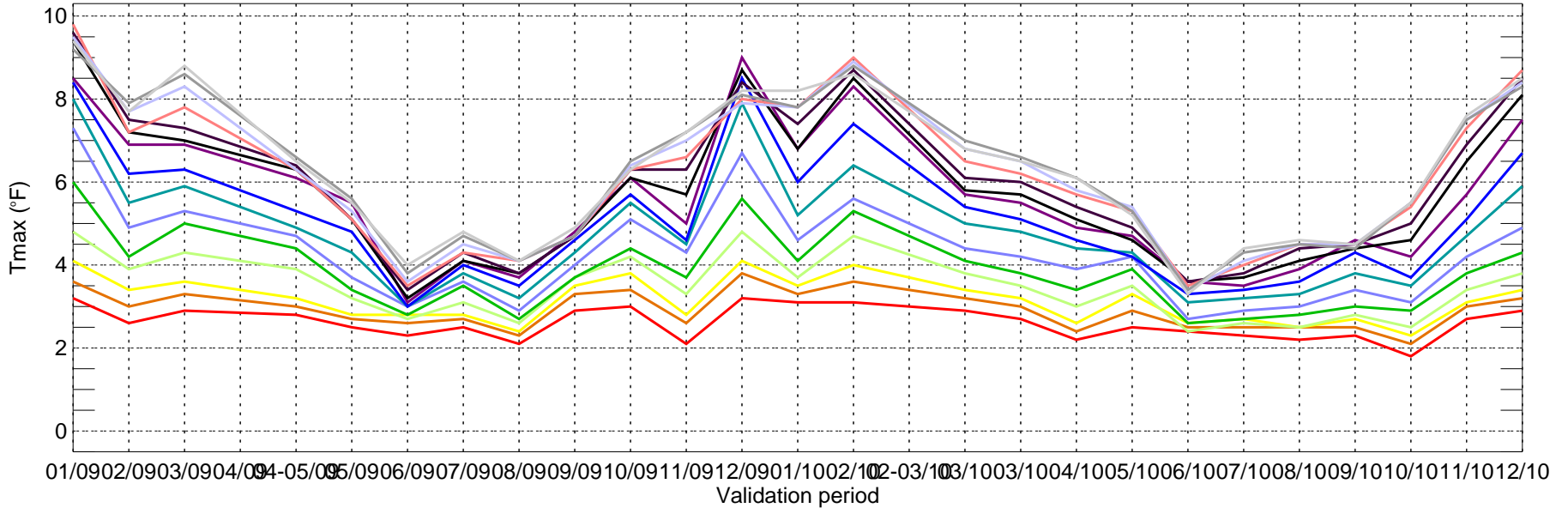


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

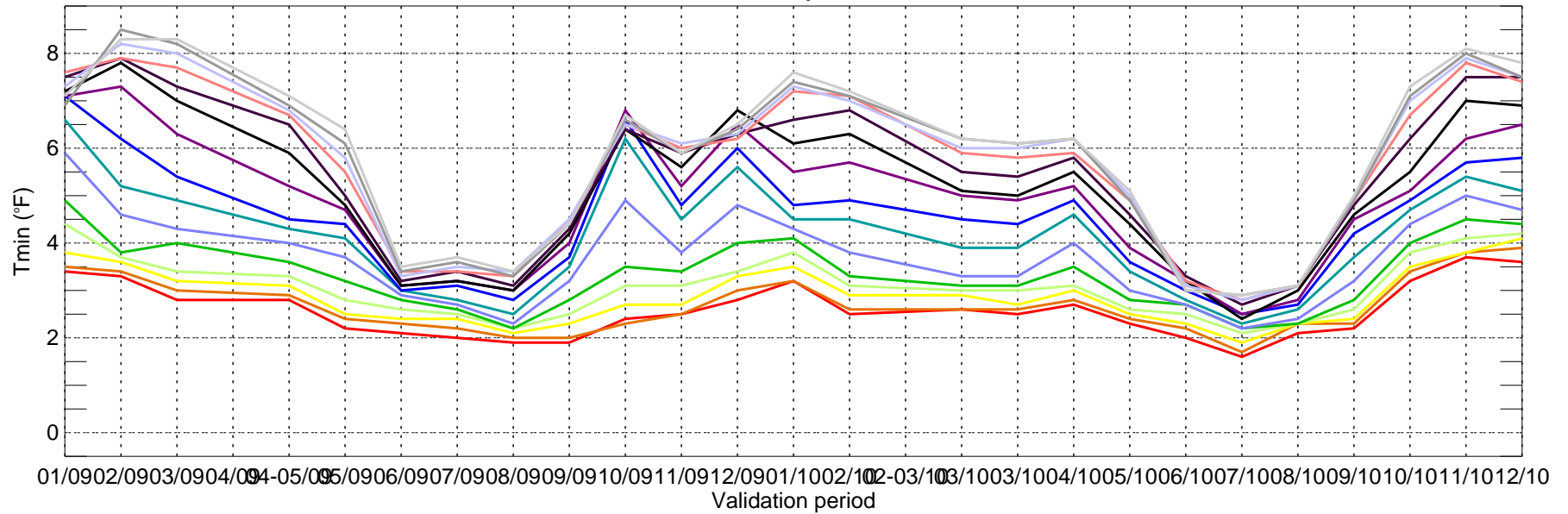
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USSC: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



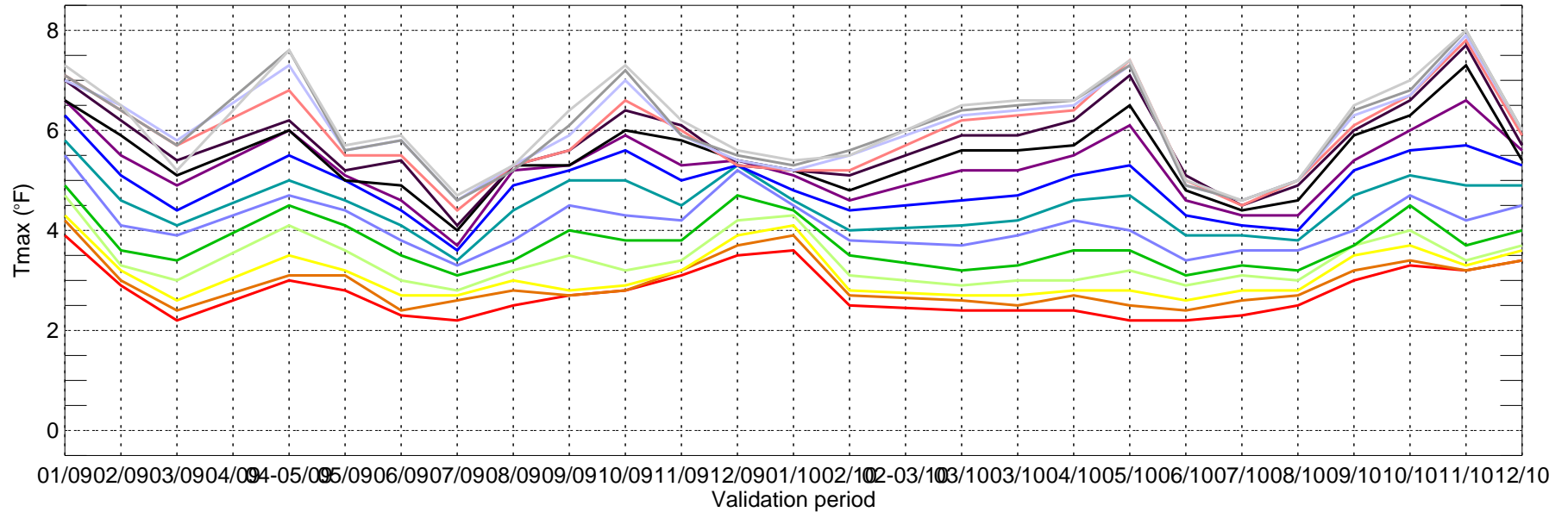
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USSC: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



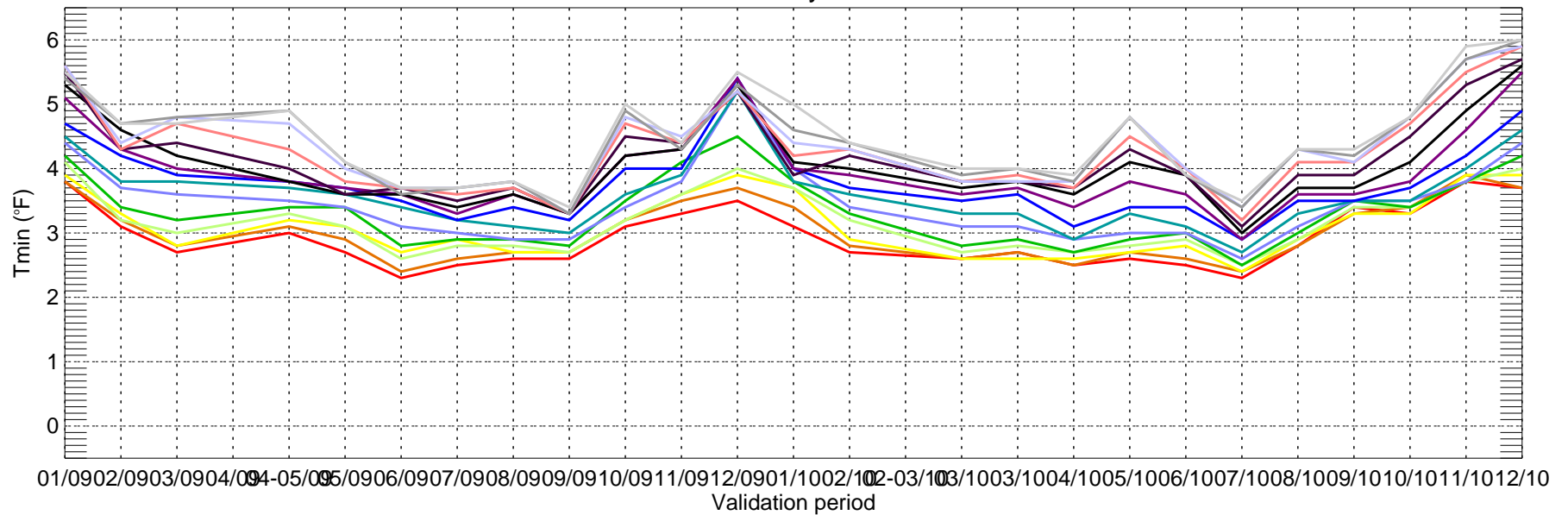
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USSW: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



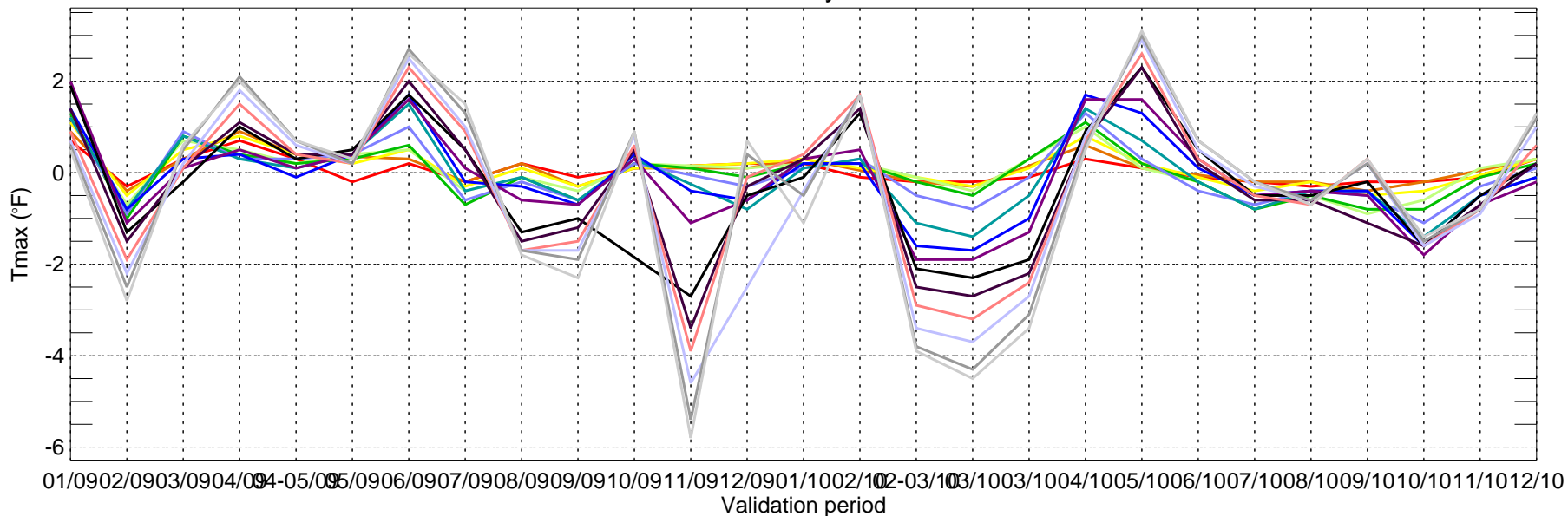
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USSW: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



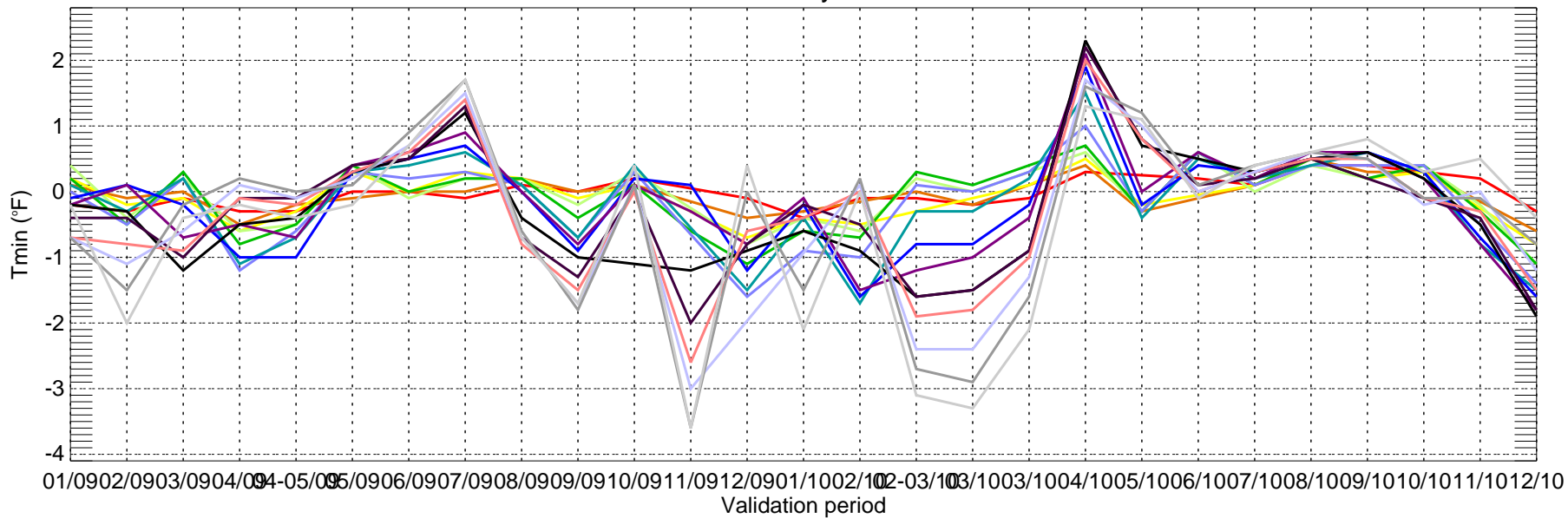
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CME18: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



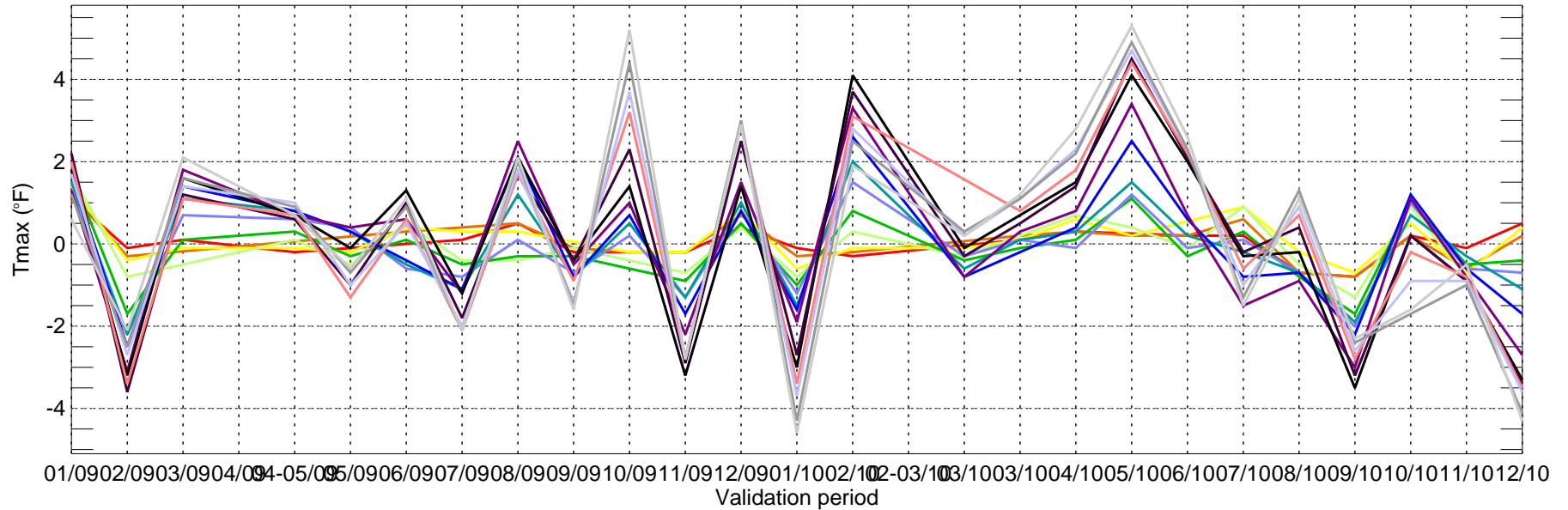
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CME18: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



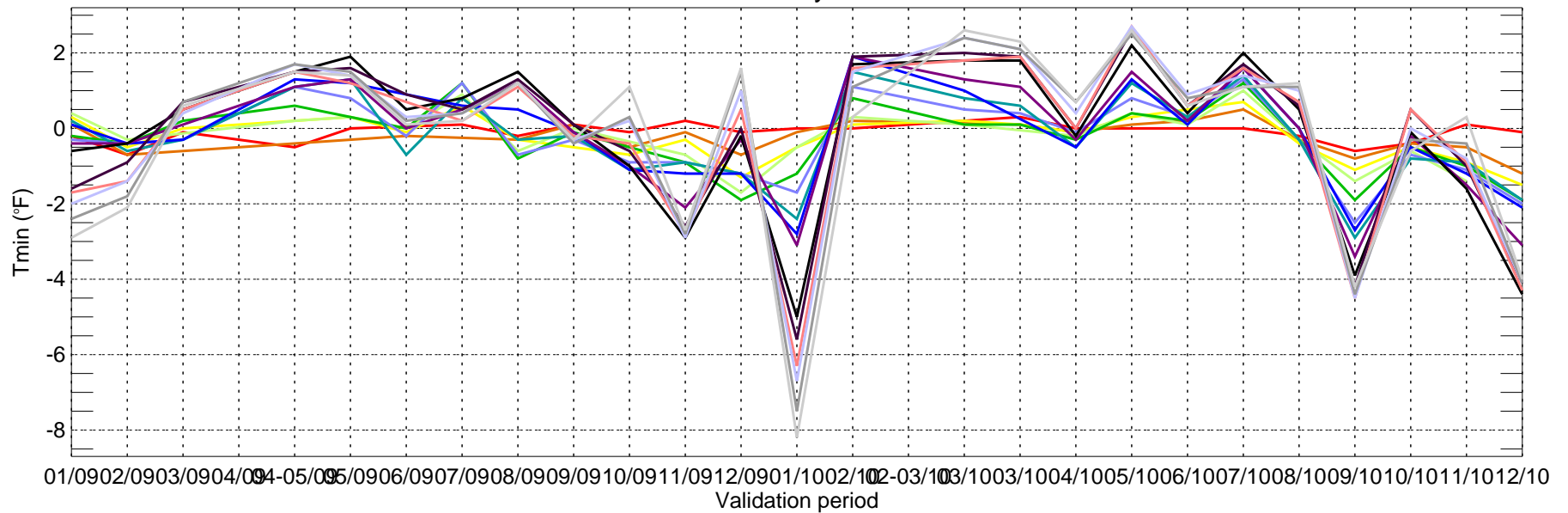
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USNW: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



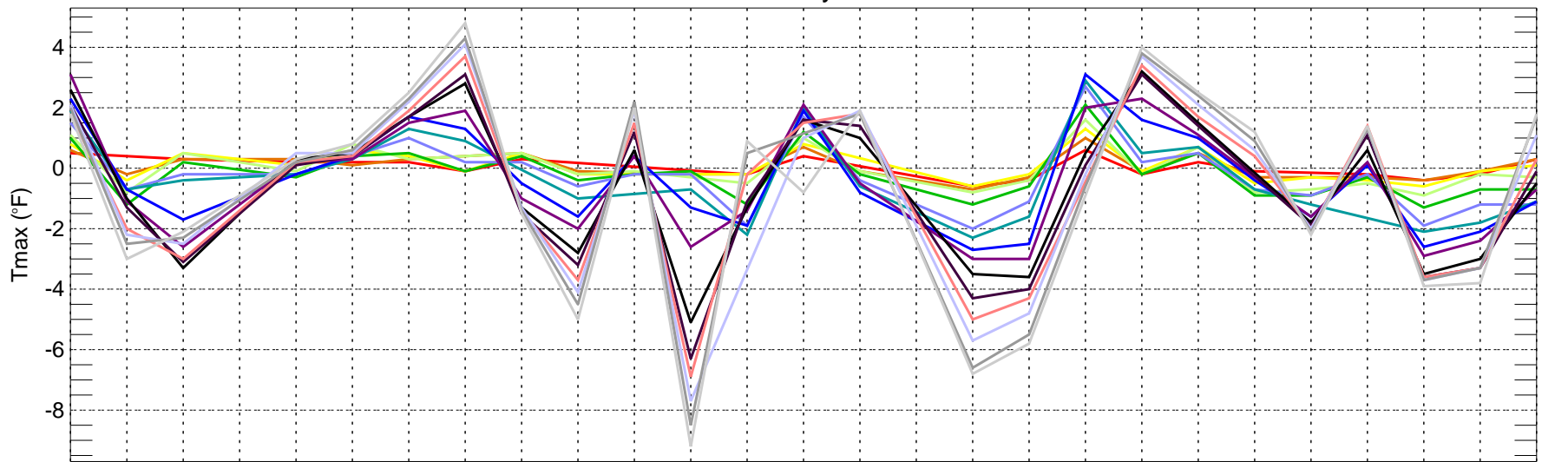
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USNW: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



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USNC: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

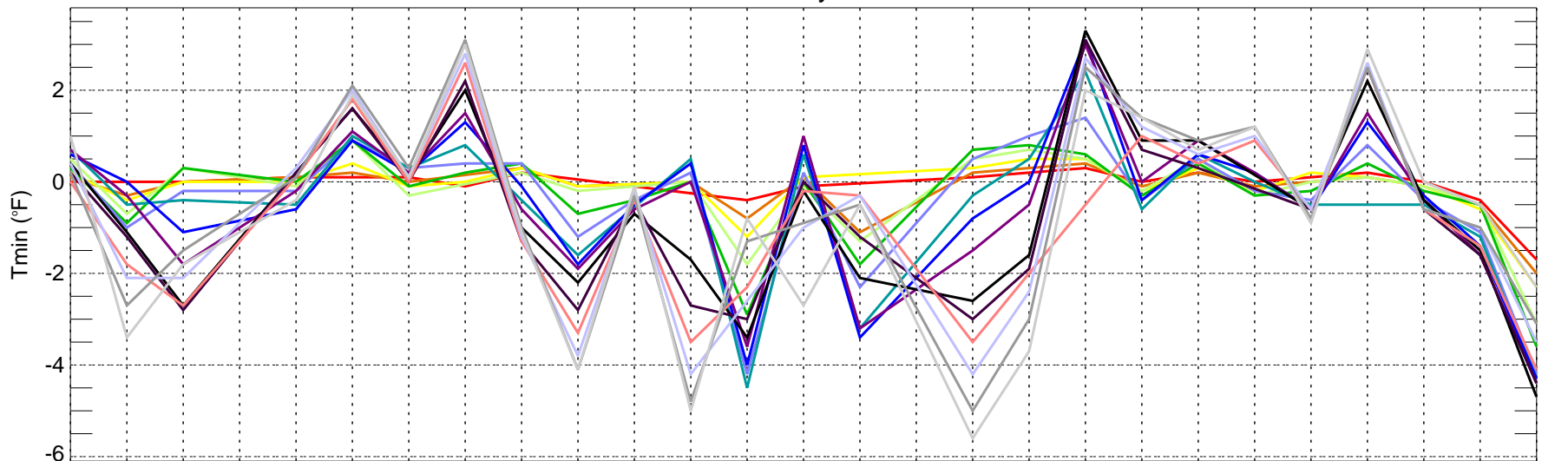


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Validation period

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USNC: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

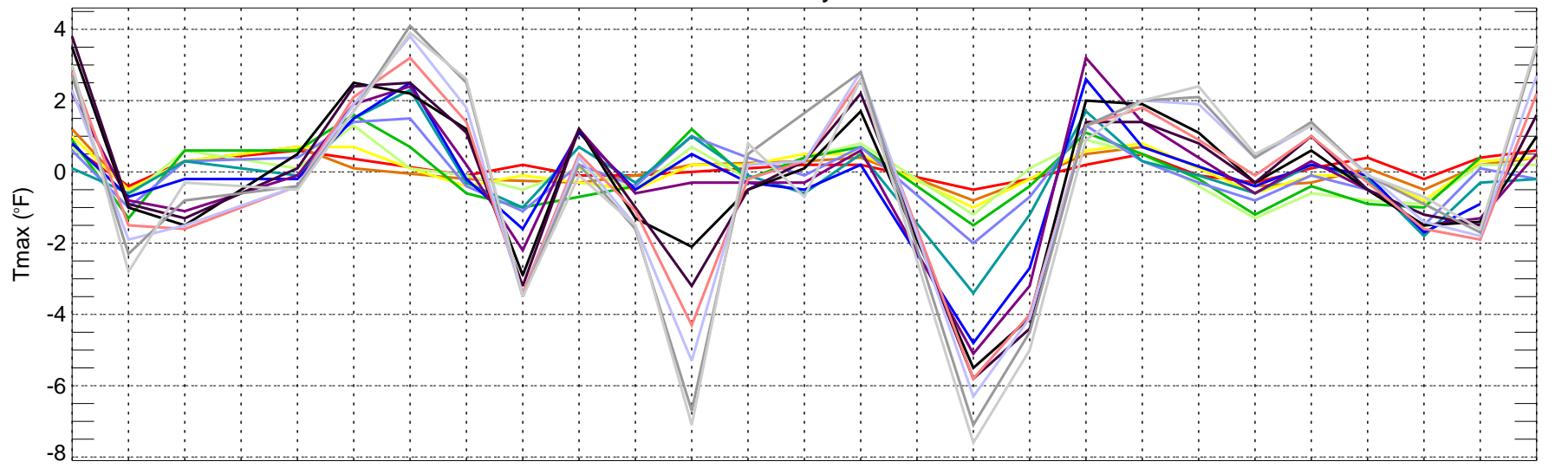


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Validation period

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USNE: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

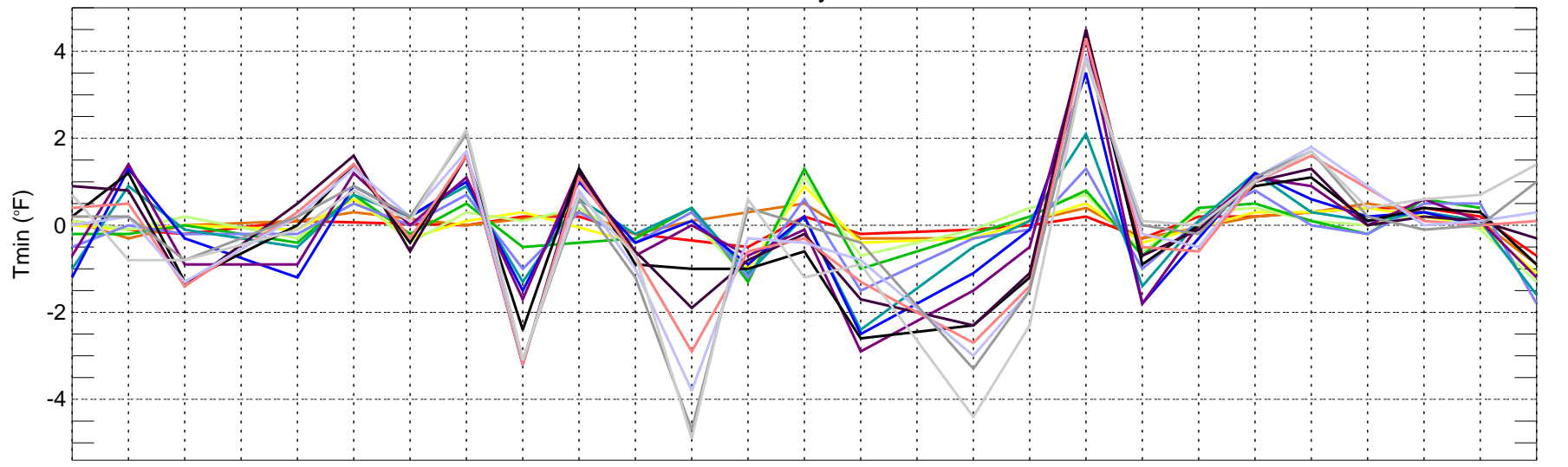


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Validation period

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USNE: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

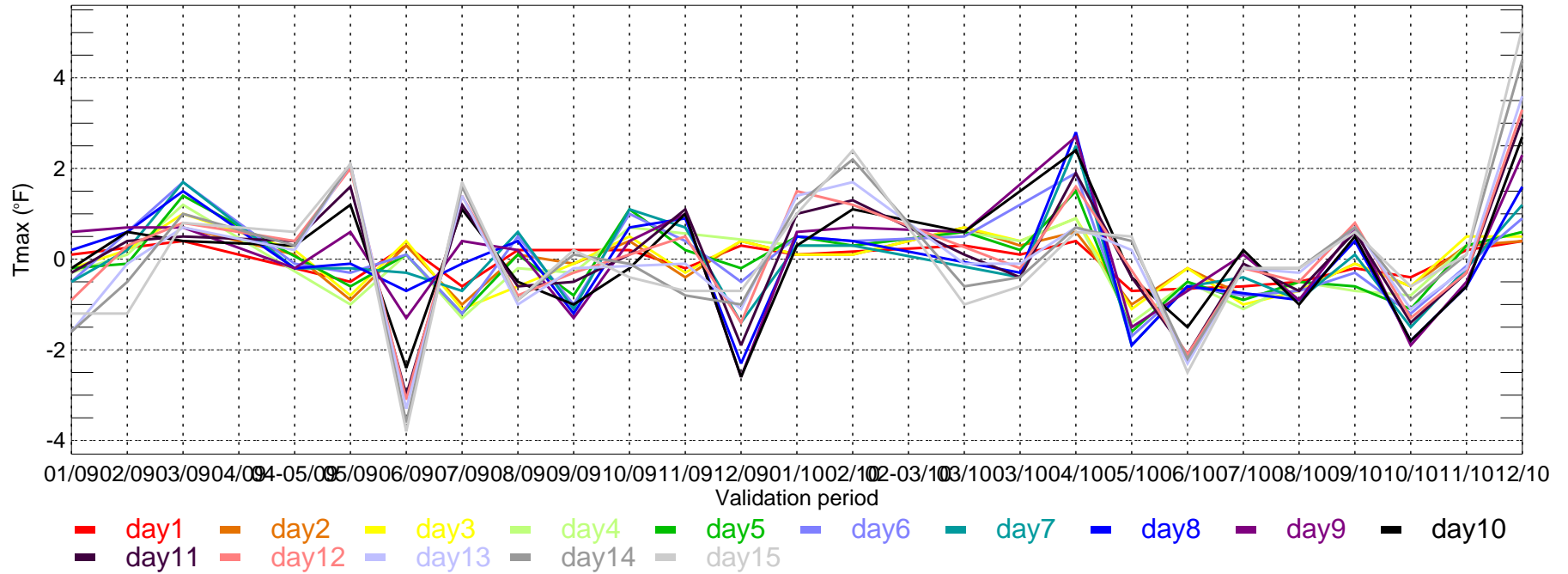


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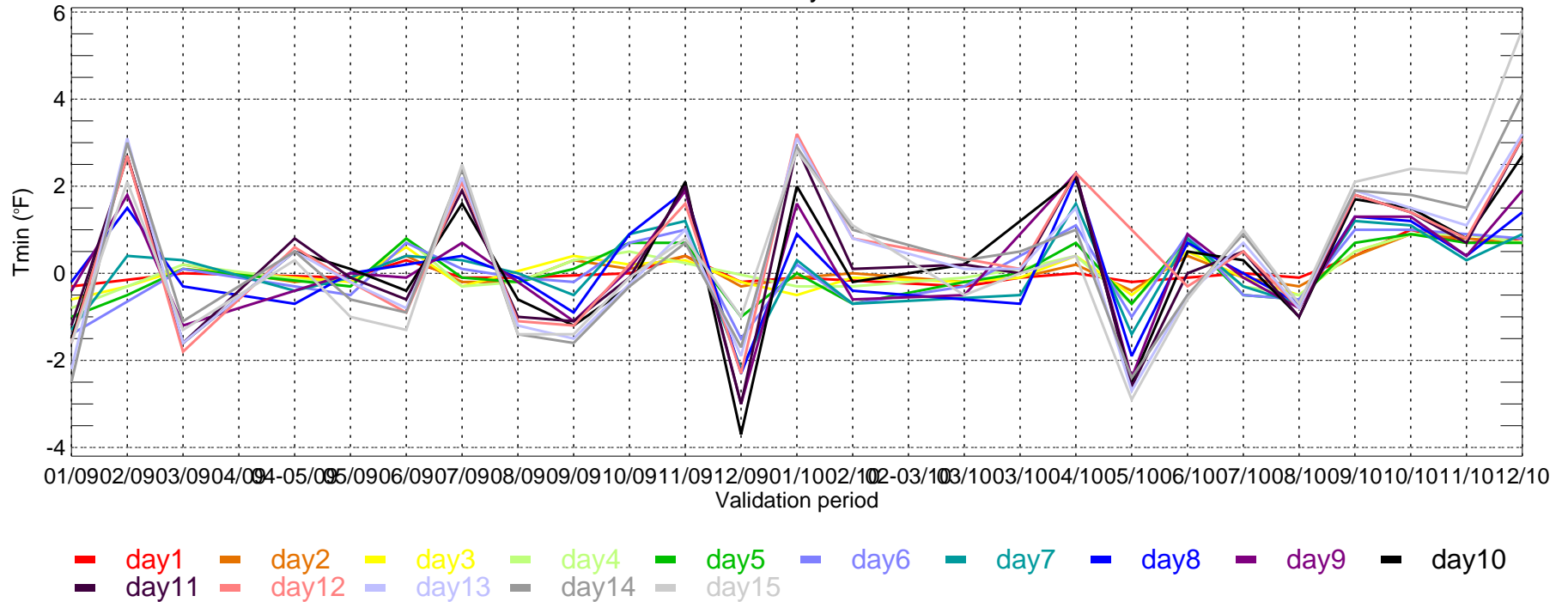
Validation period

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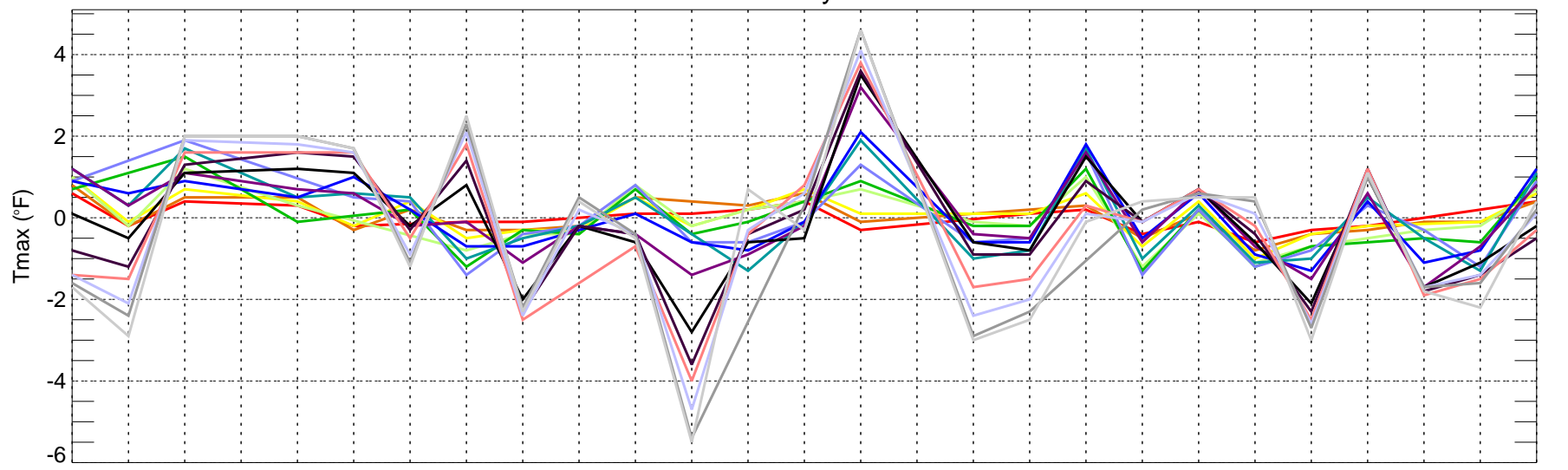
USSE: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



USSE: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



USSC: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

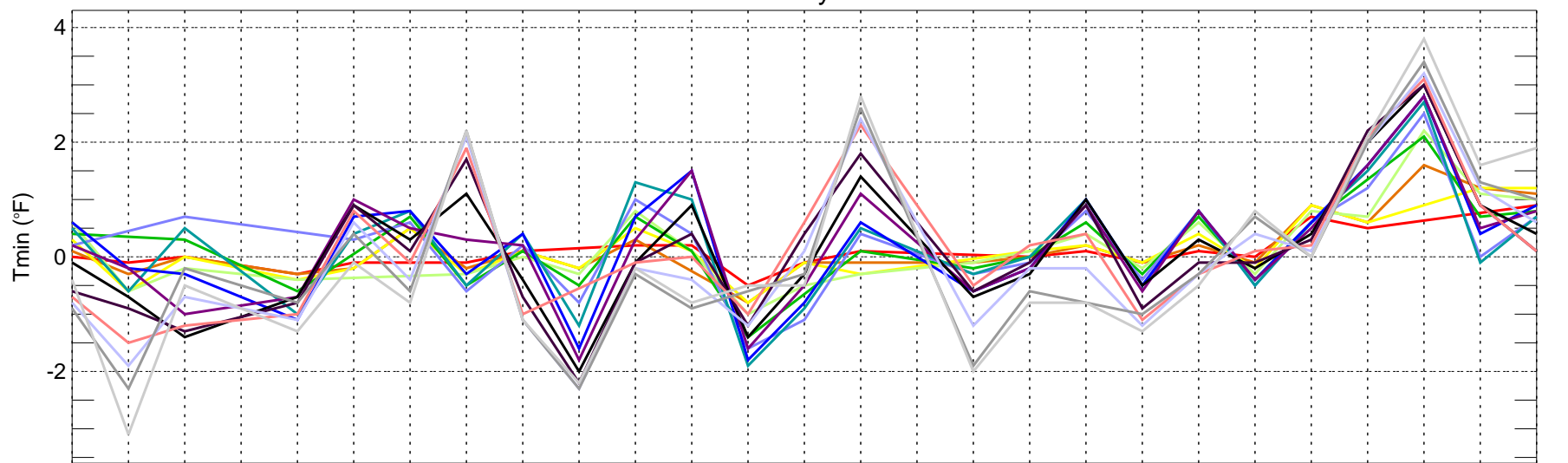


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Validation period

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USSC: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

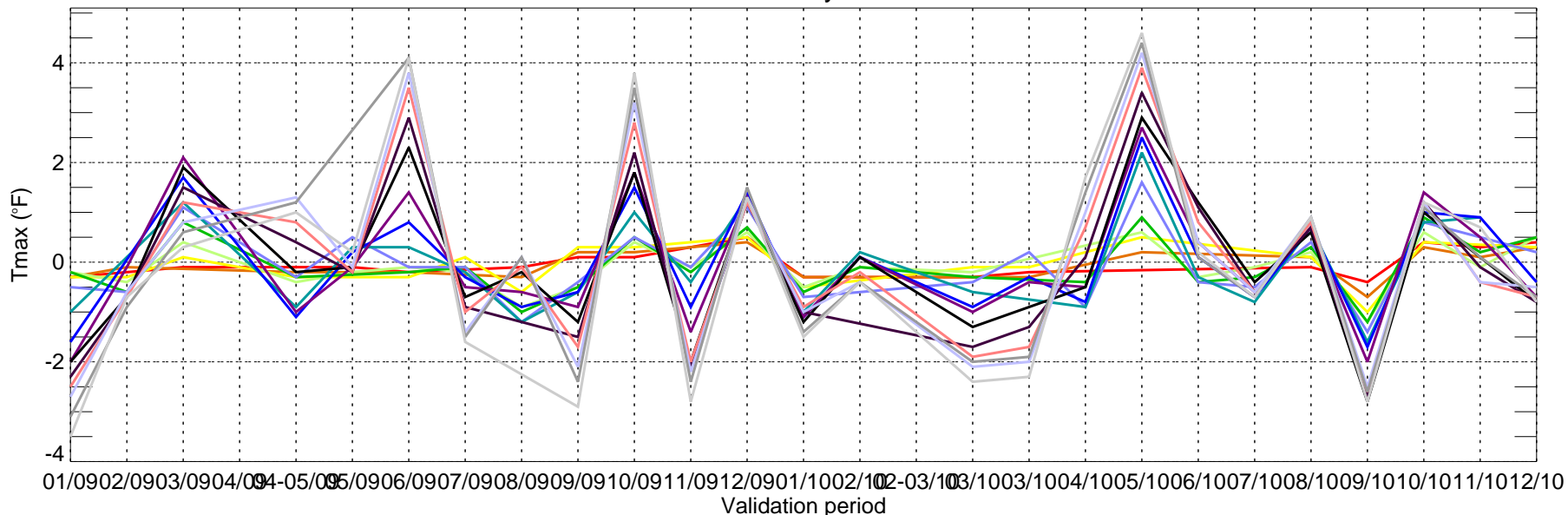


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Validation period

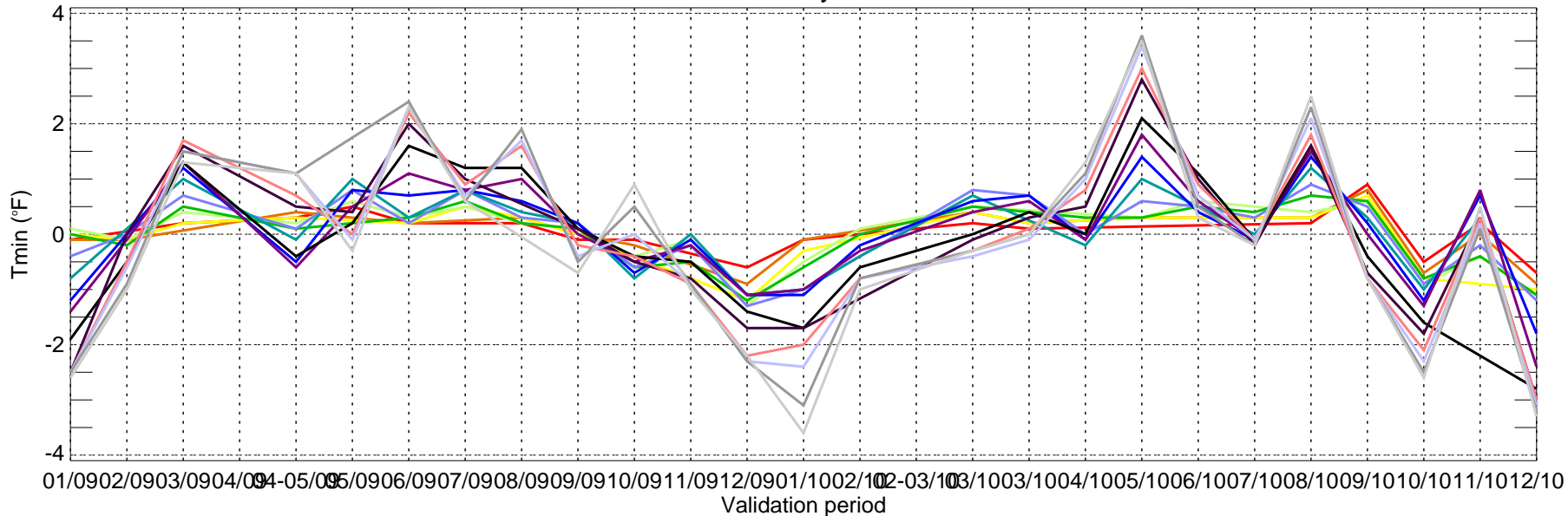
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USSW: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



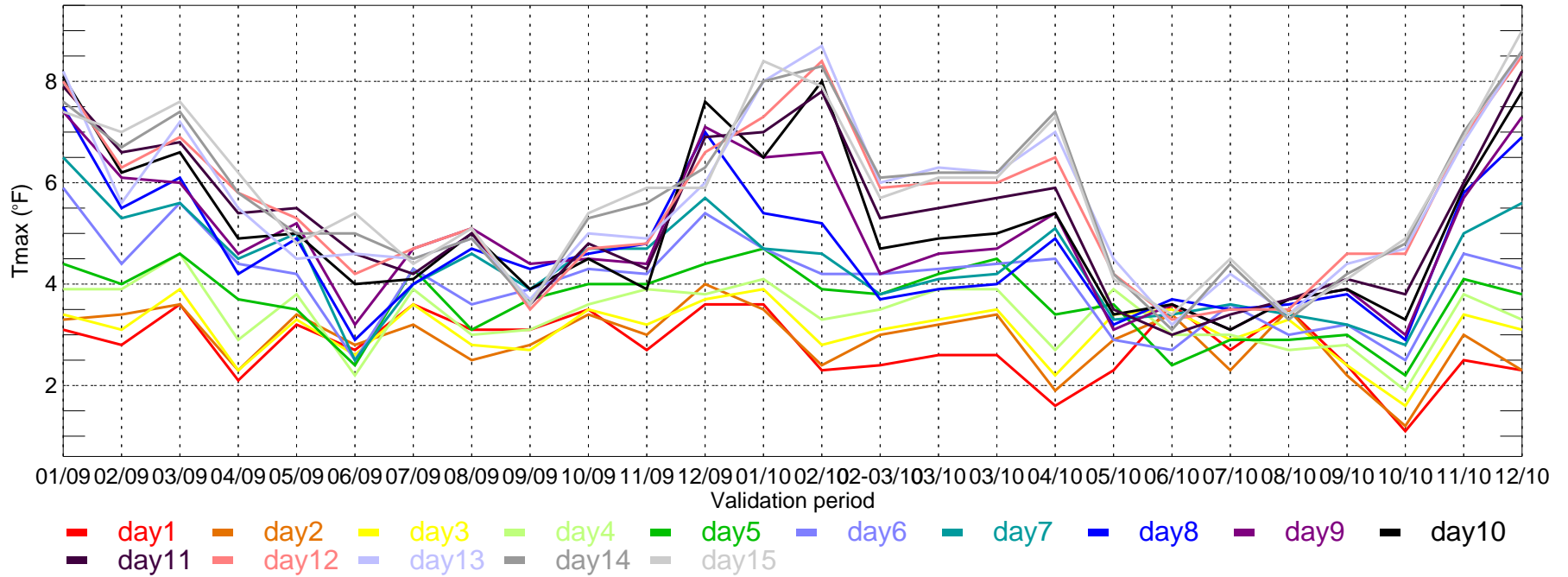
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USSW: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

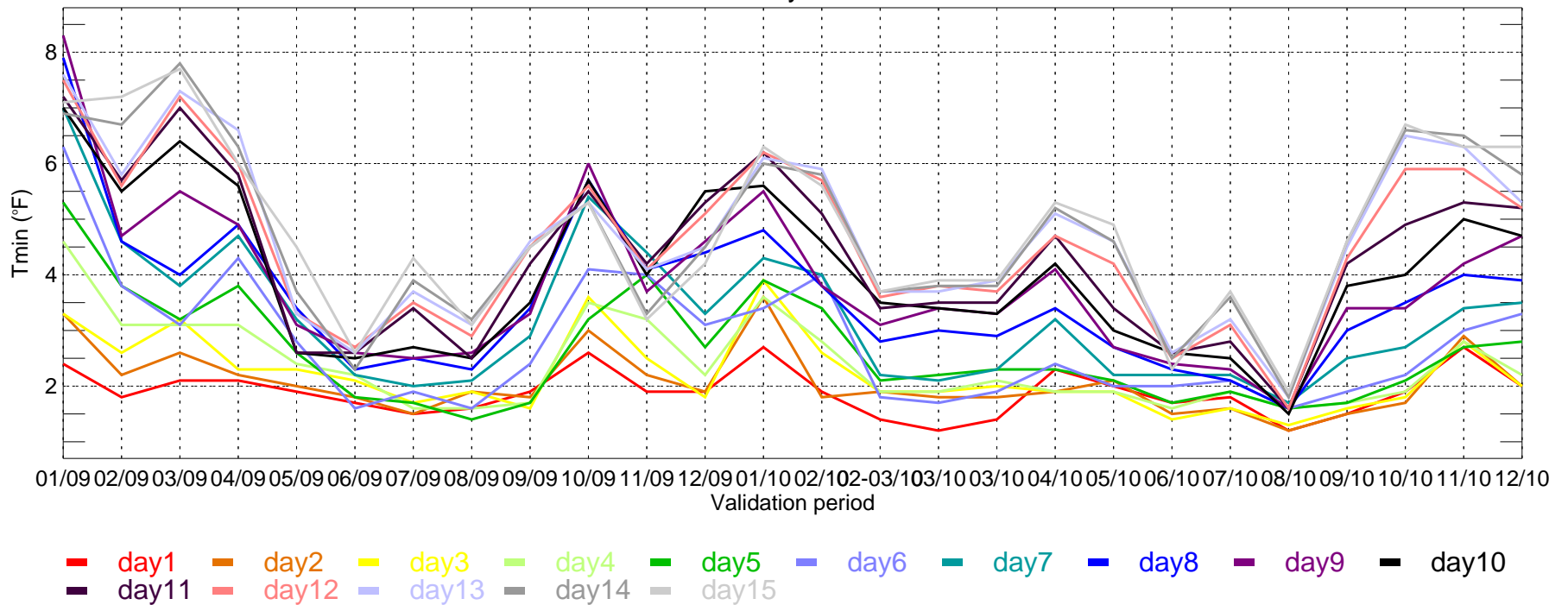


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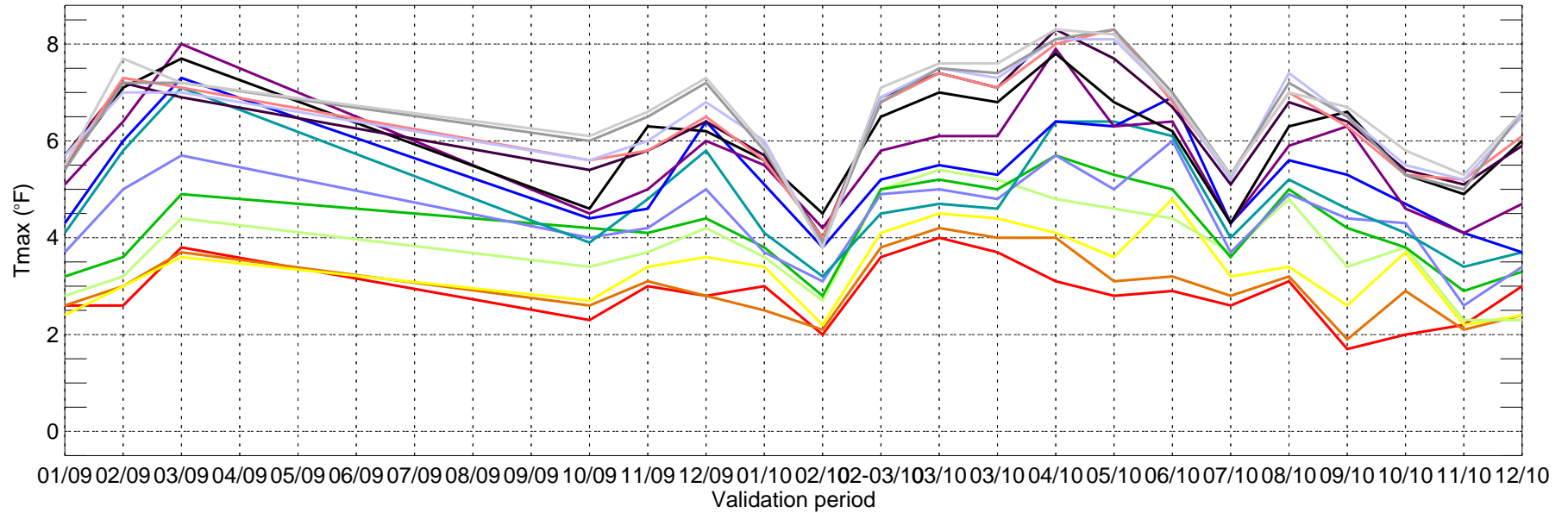
ATL: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



ATL: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

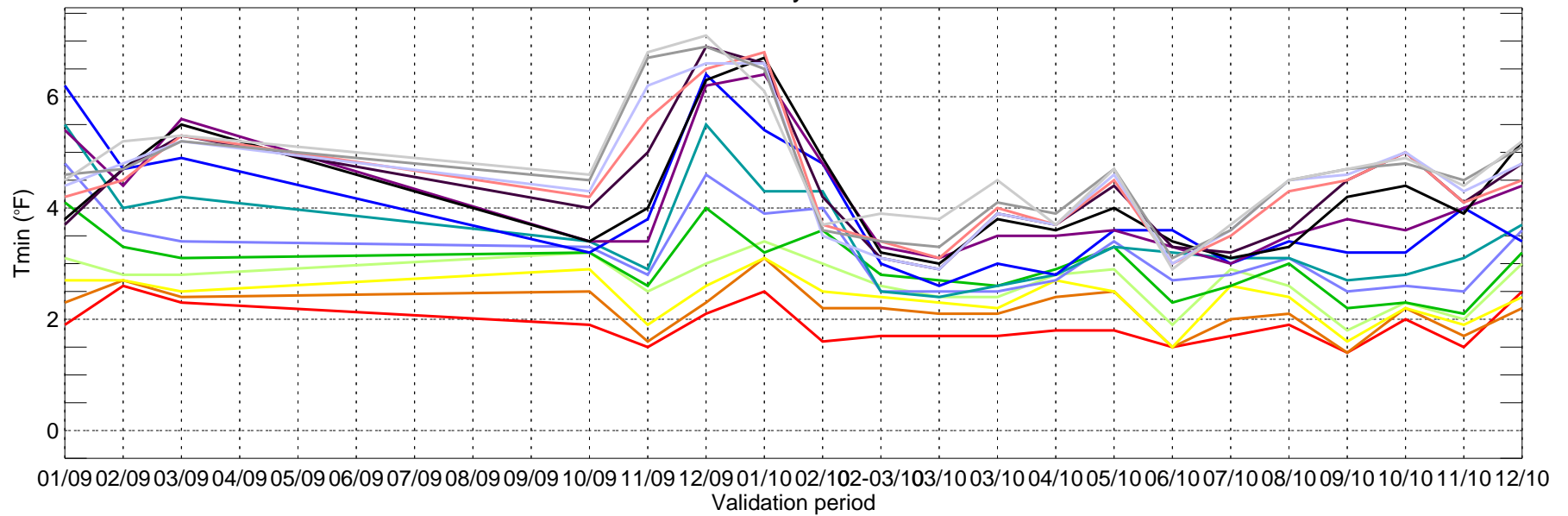


BOS: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



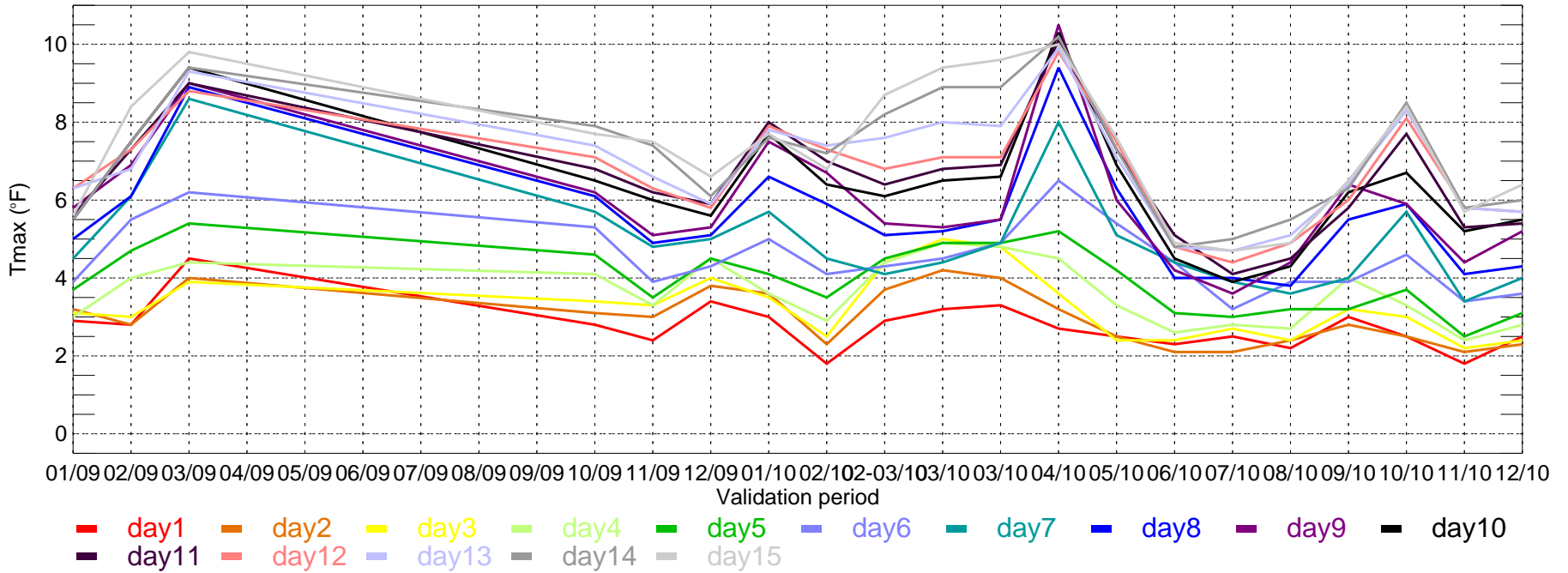
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BOS: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

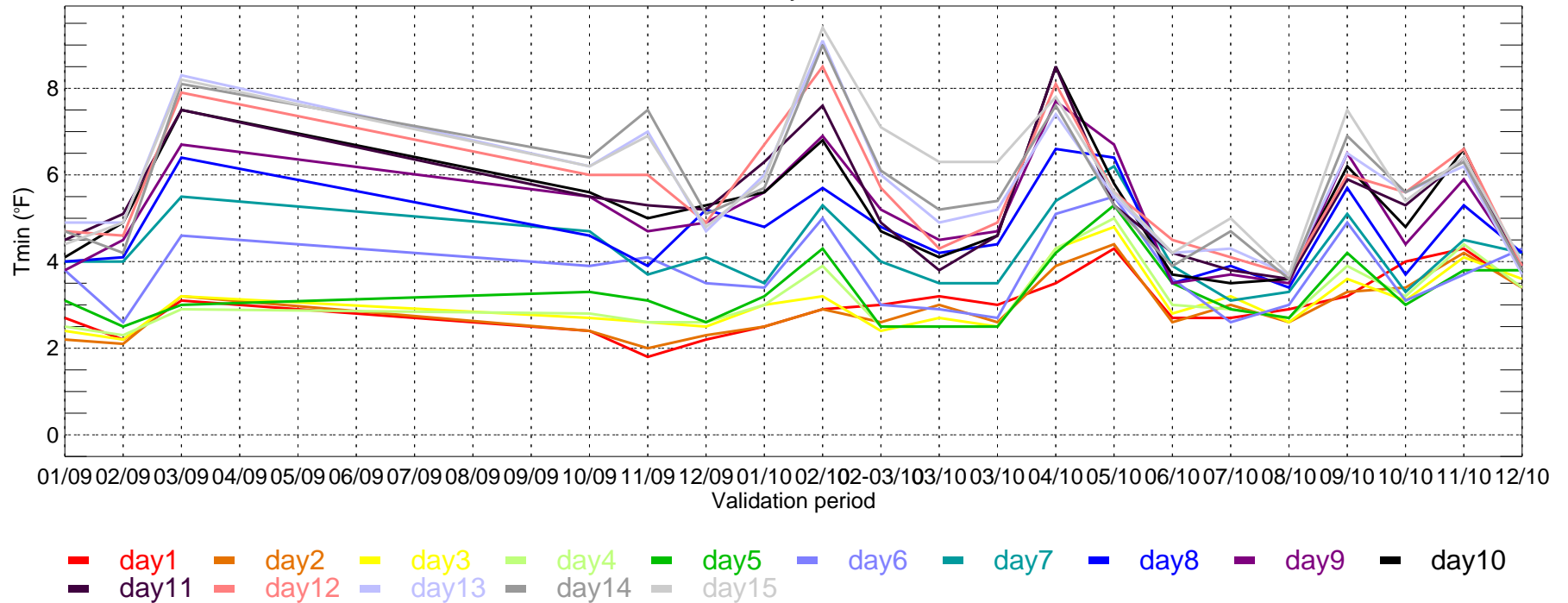


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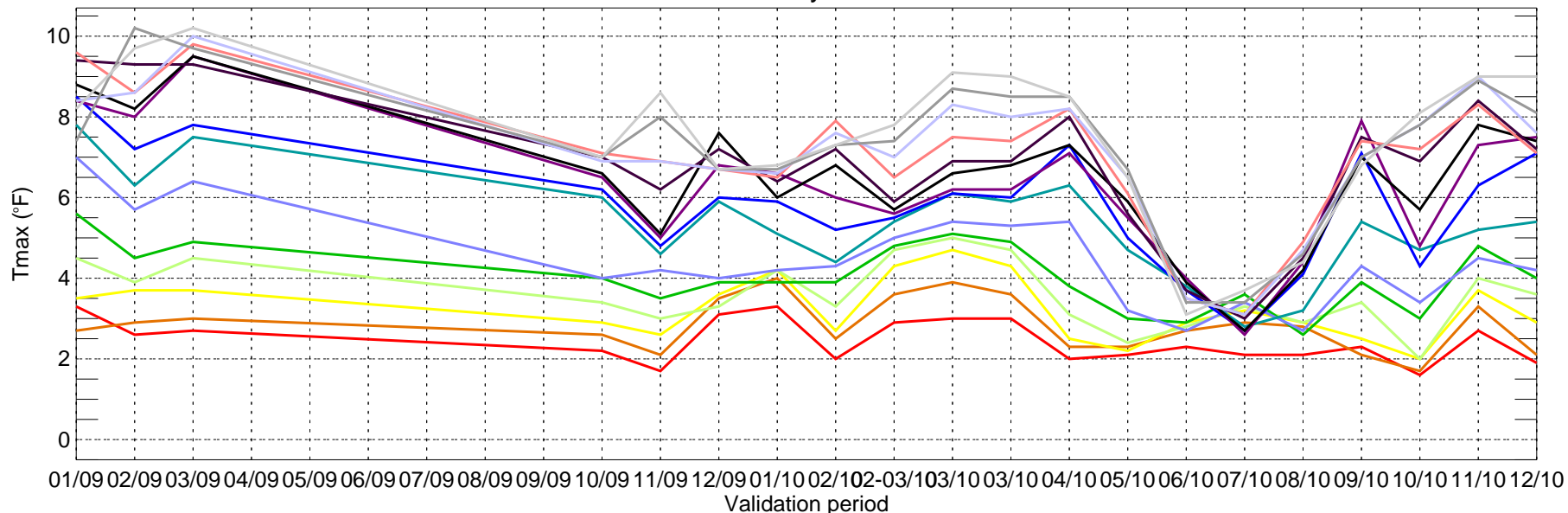
BWI: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



BWI: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

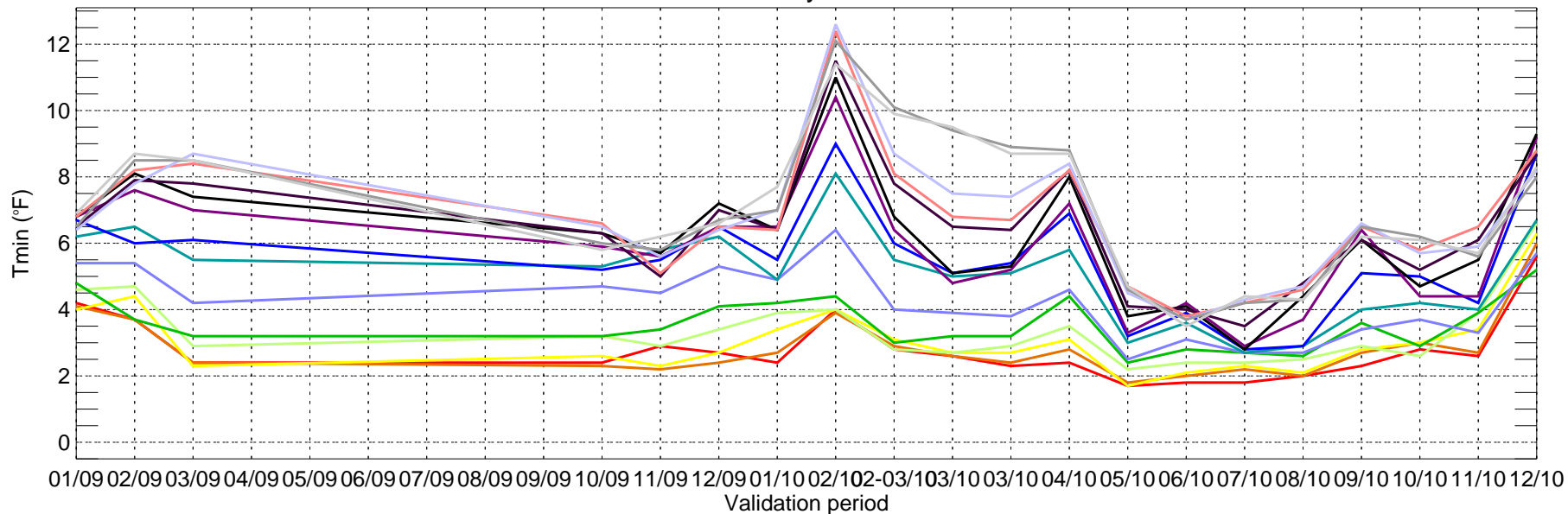


CVG: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



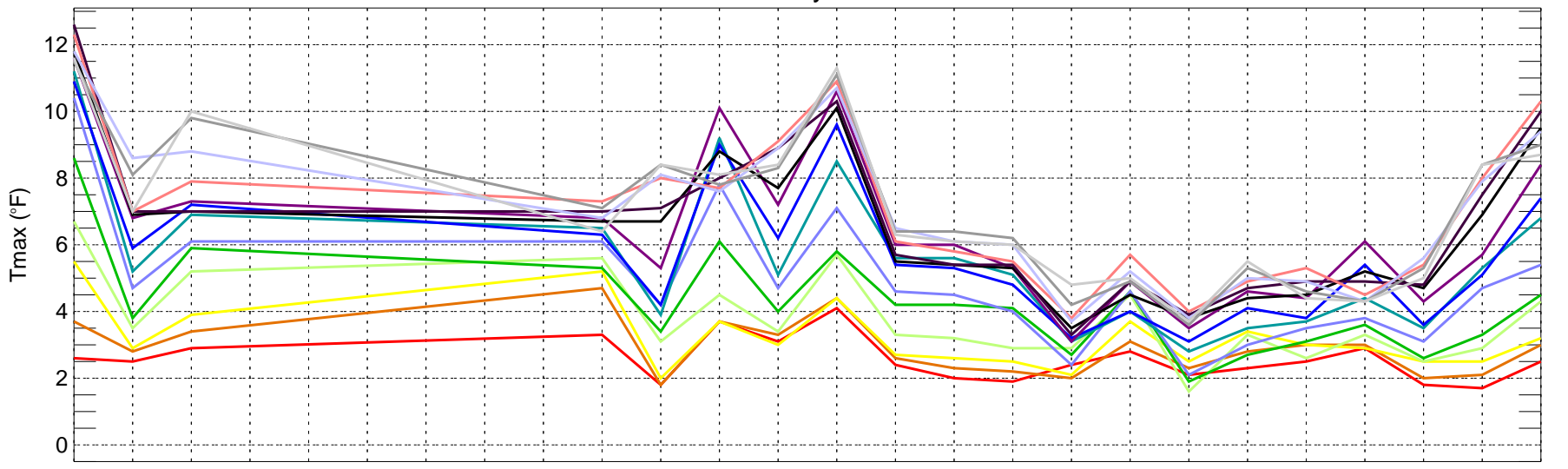
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CVG: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



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DFW: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

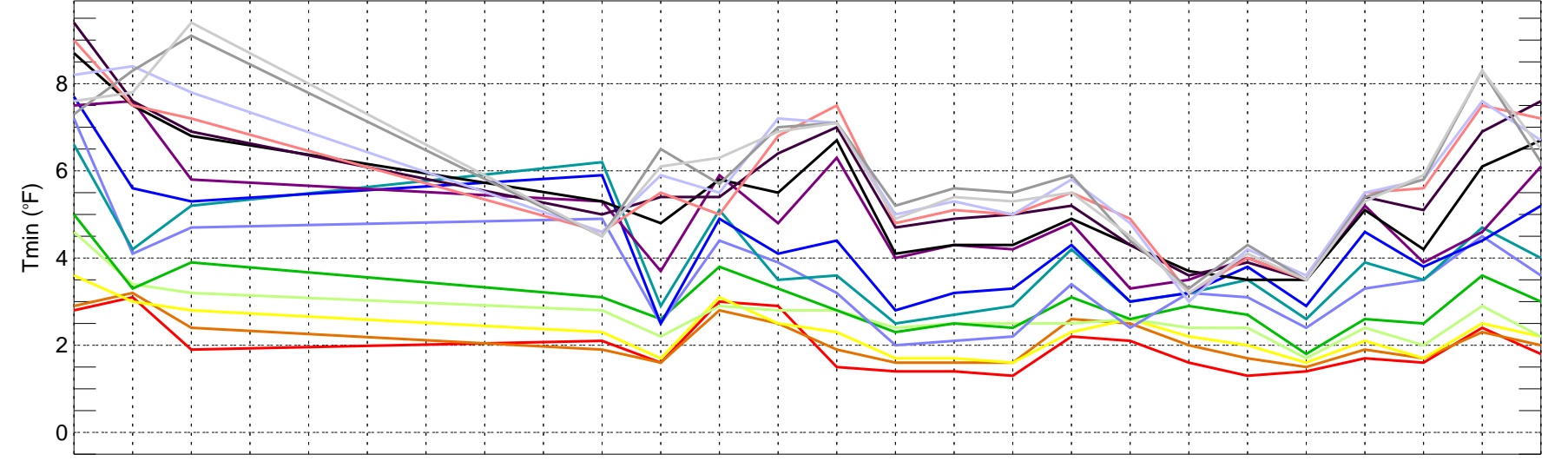


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Validation period

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DFW: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

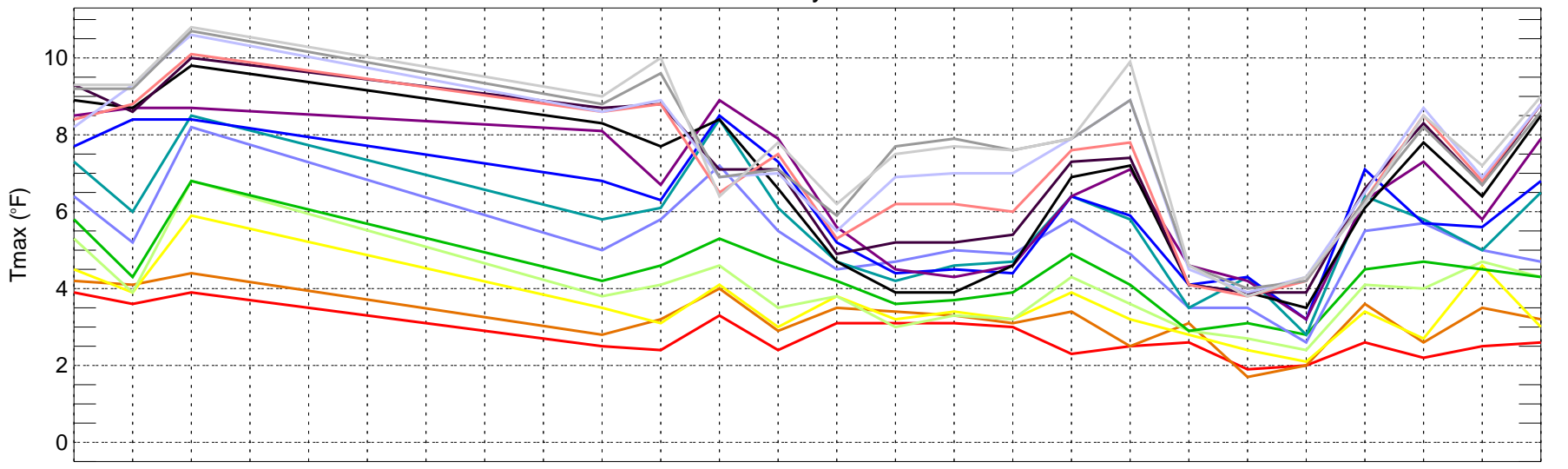


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Validation period

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DSM: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

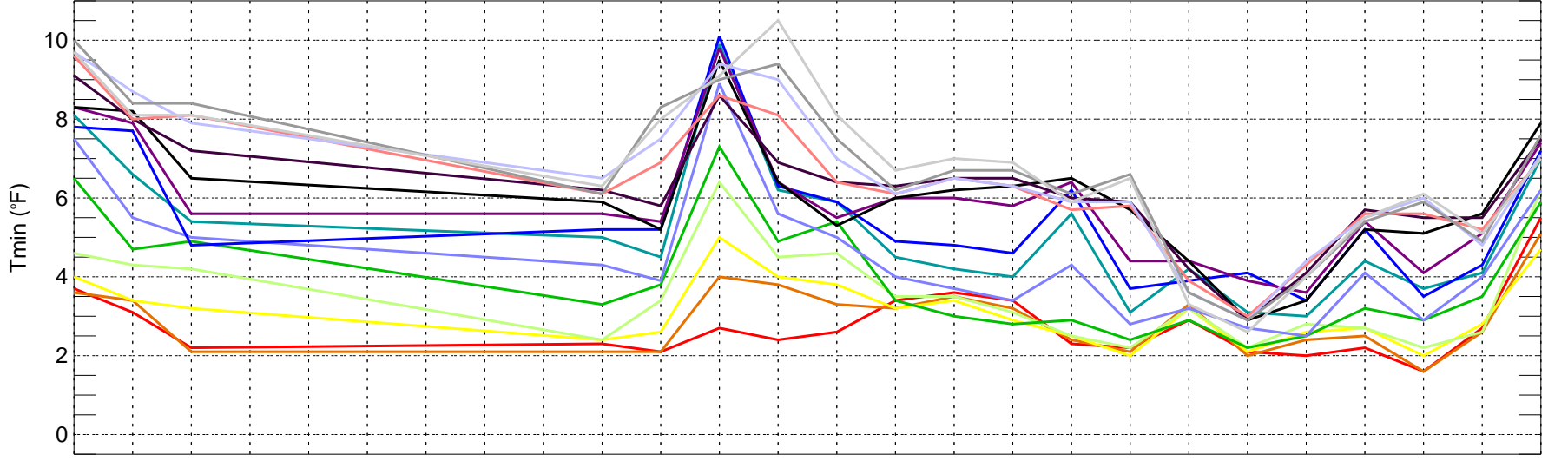


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Validation period

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DSM: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

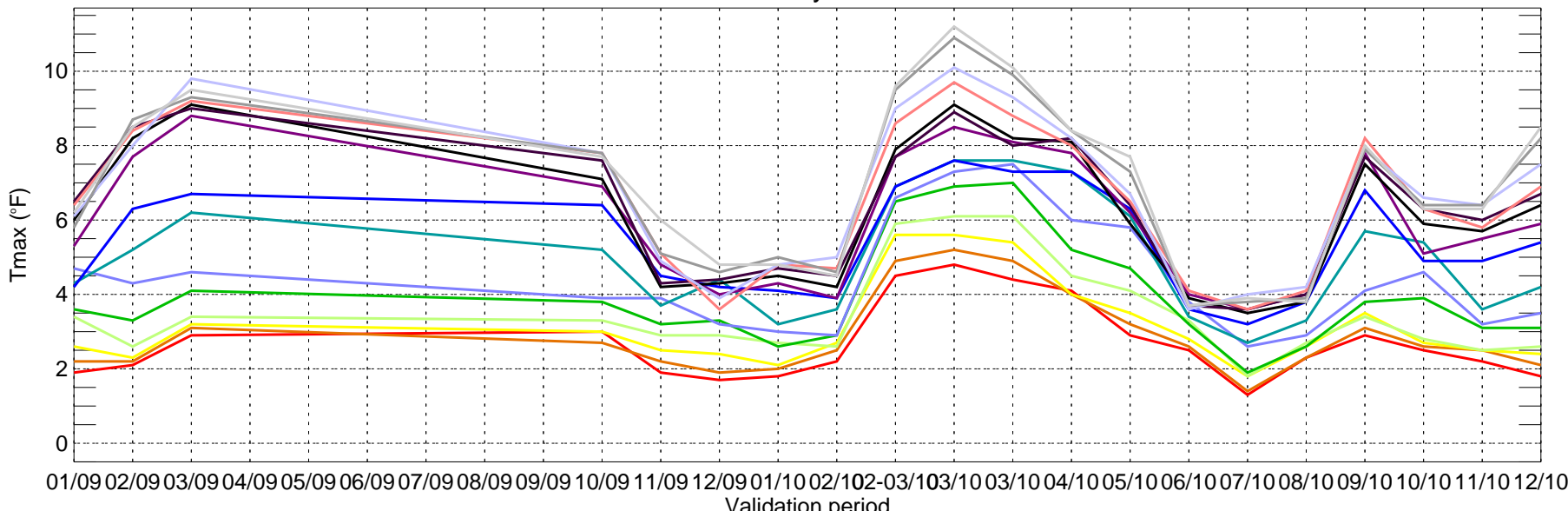


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Validation period

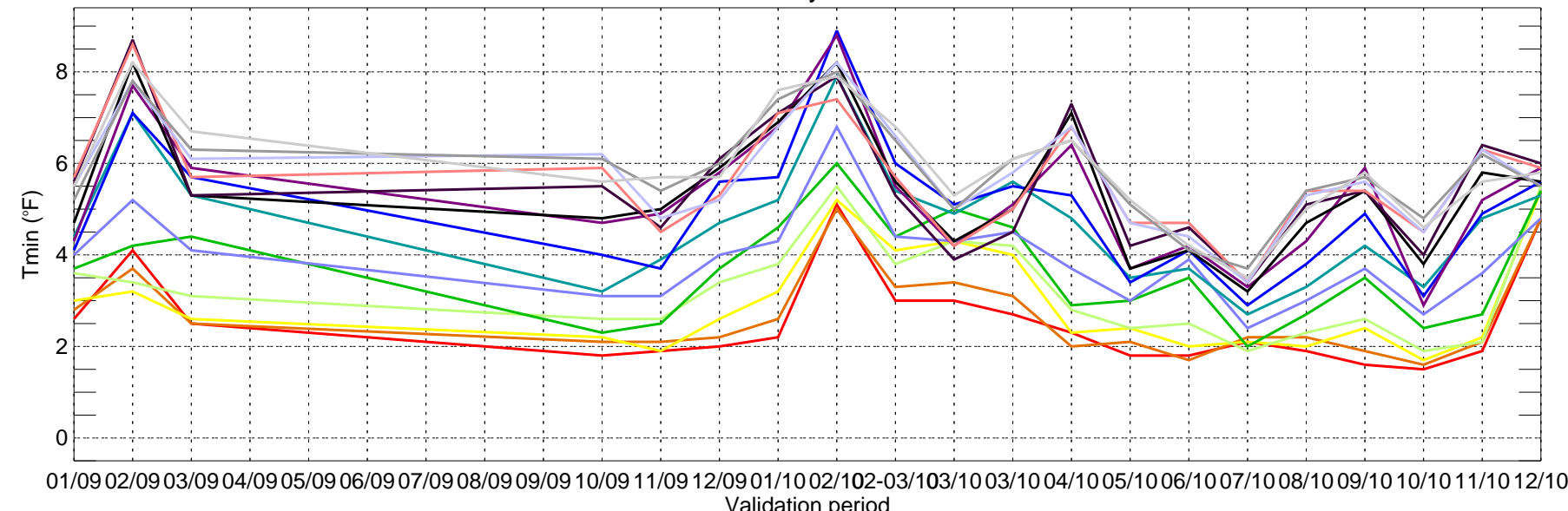
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DTW: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



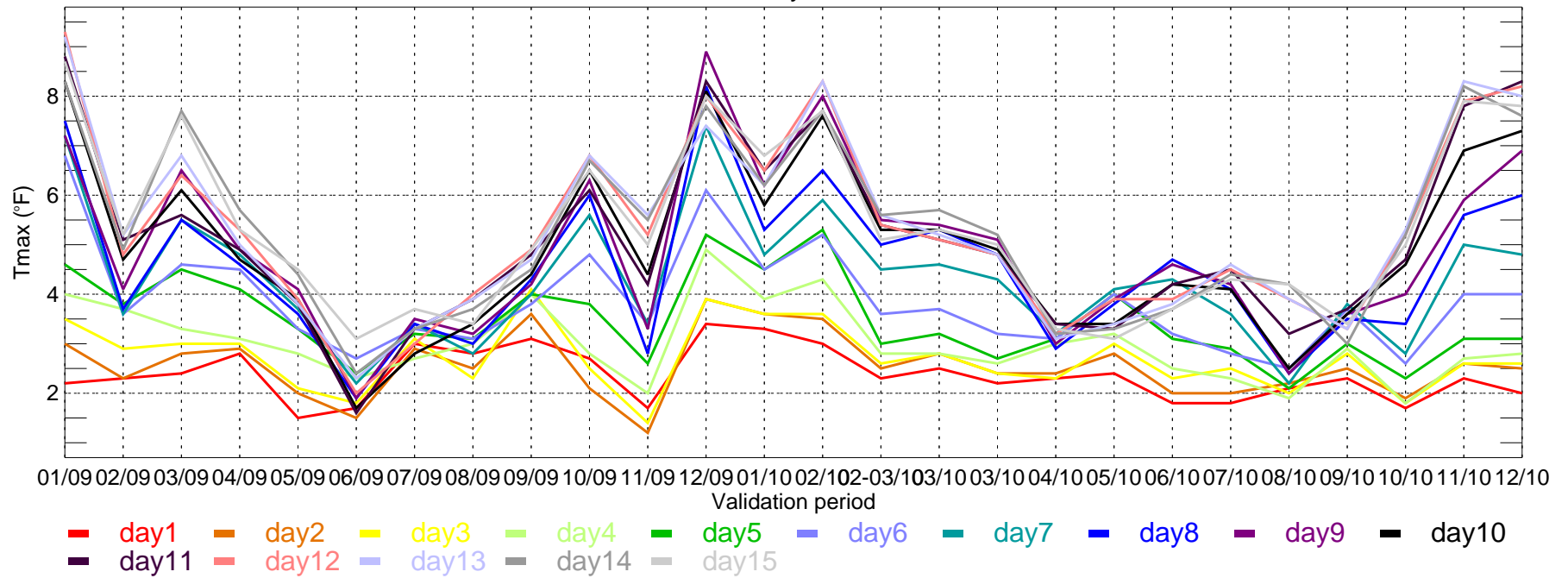
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DTW: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

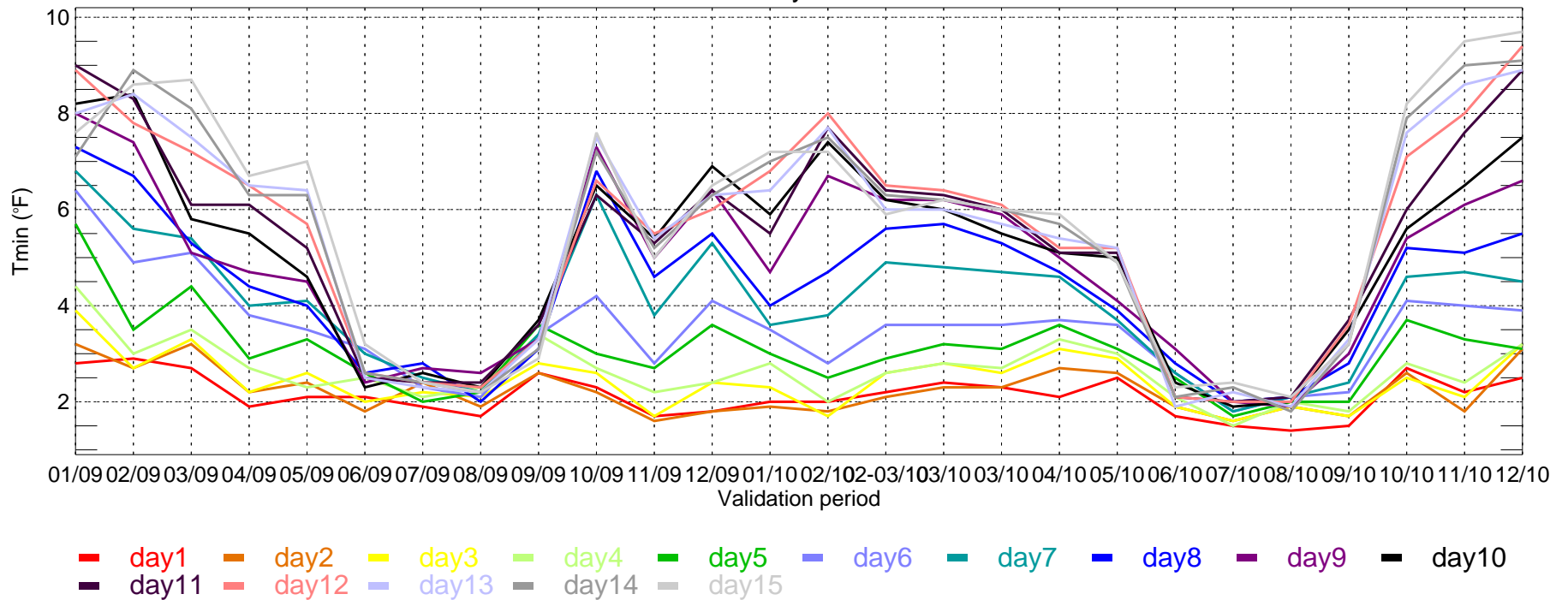


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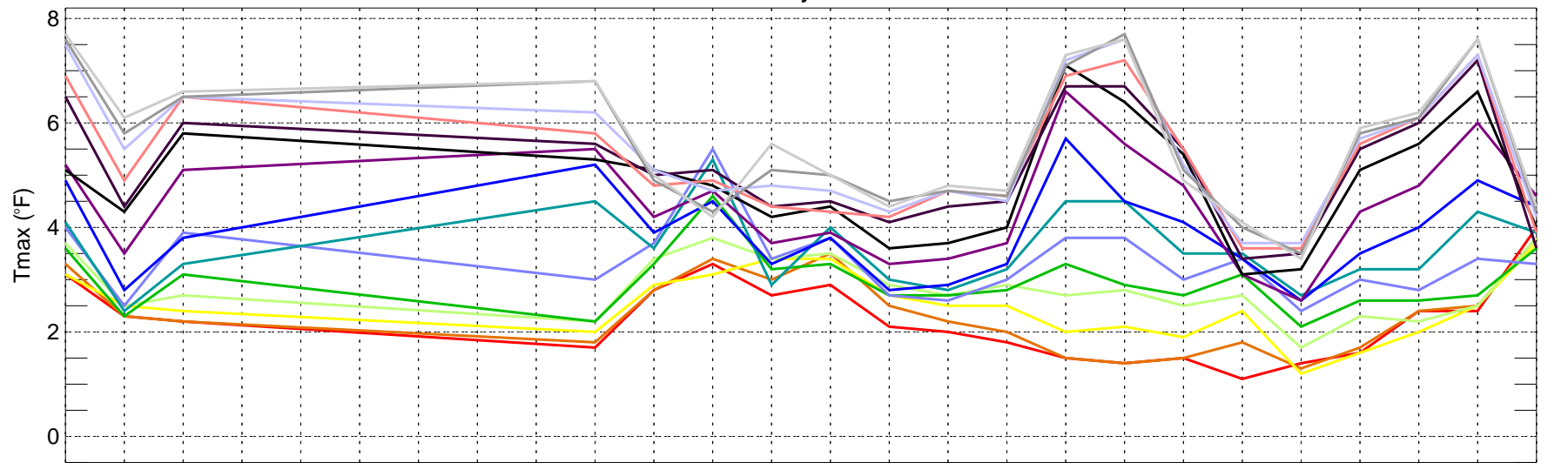
IAH: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



IAH: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



LAS: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

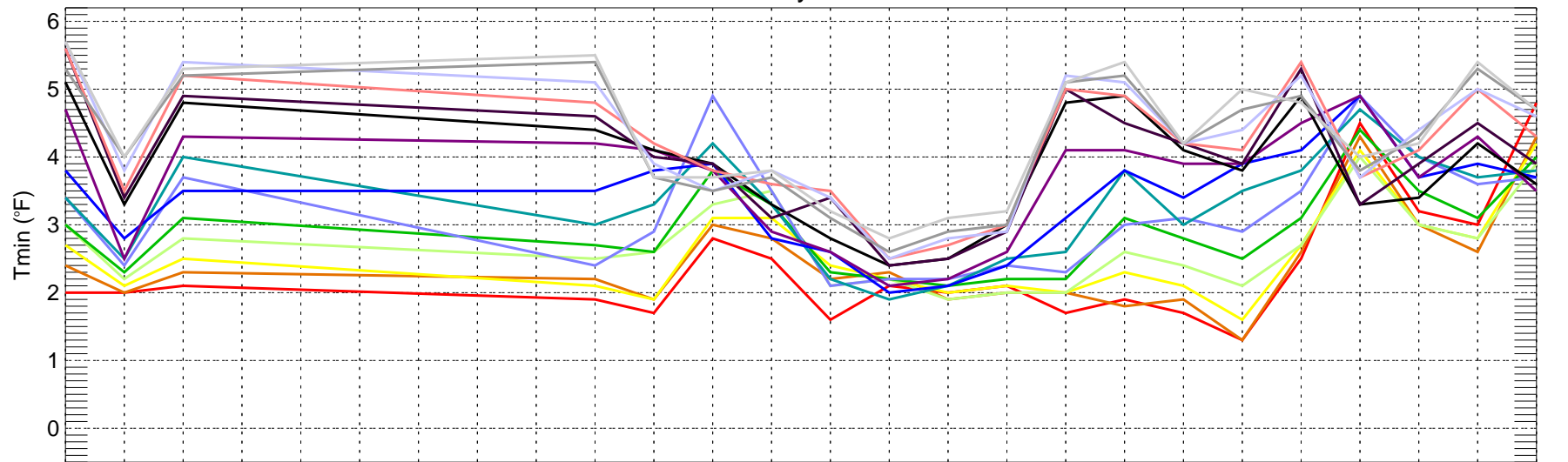


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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LAS: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

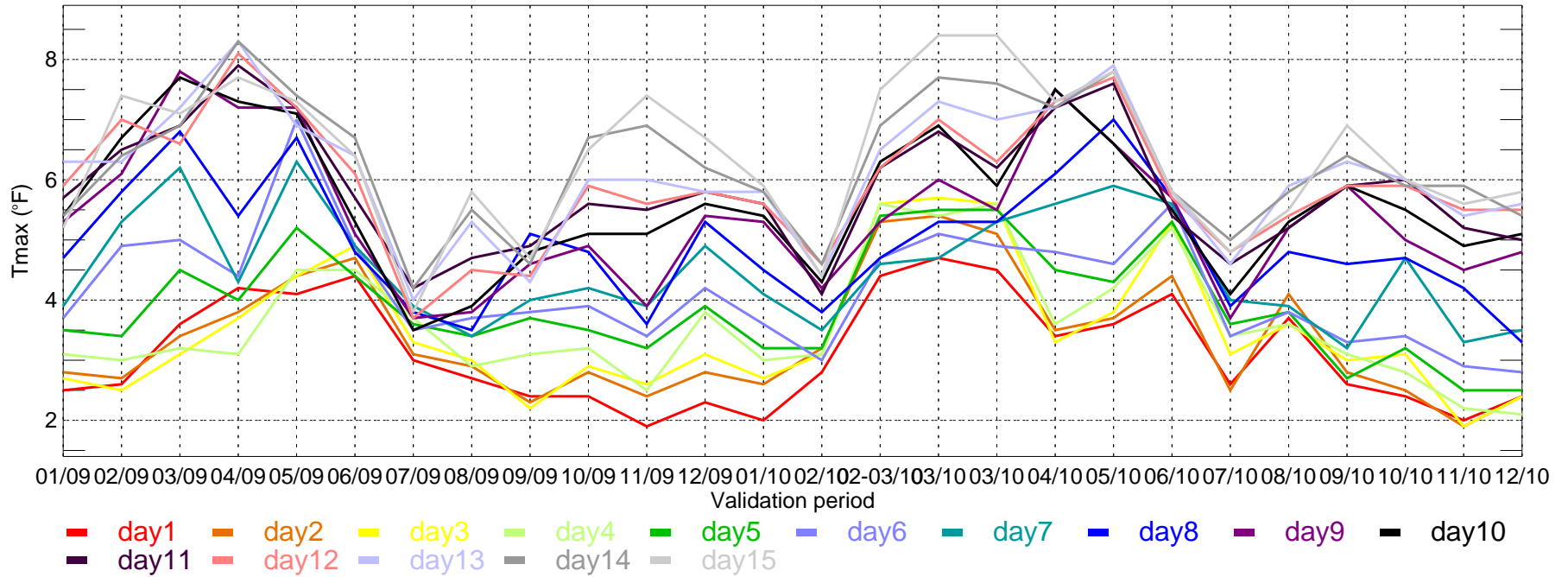


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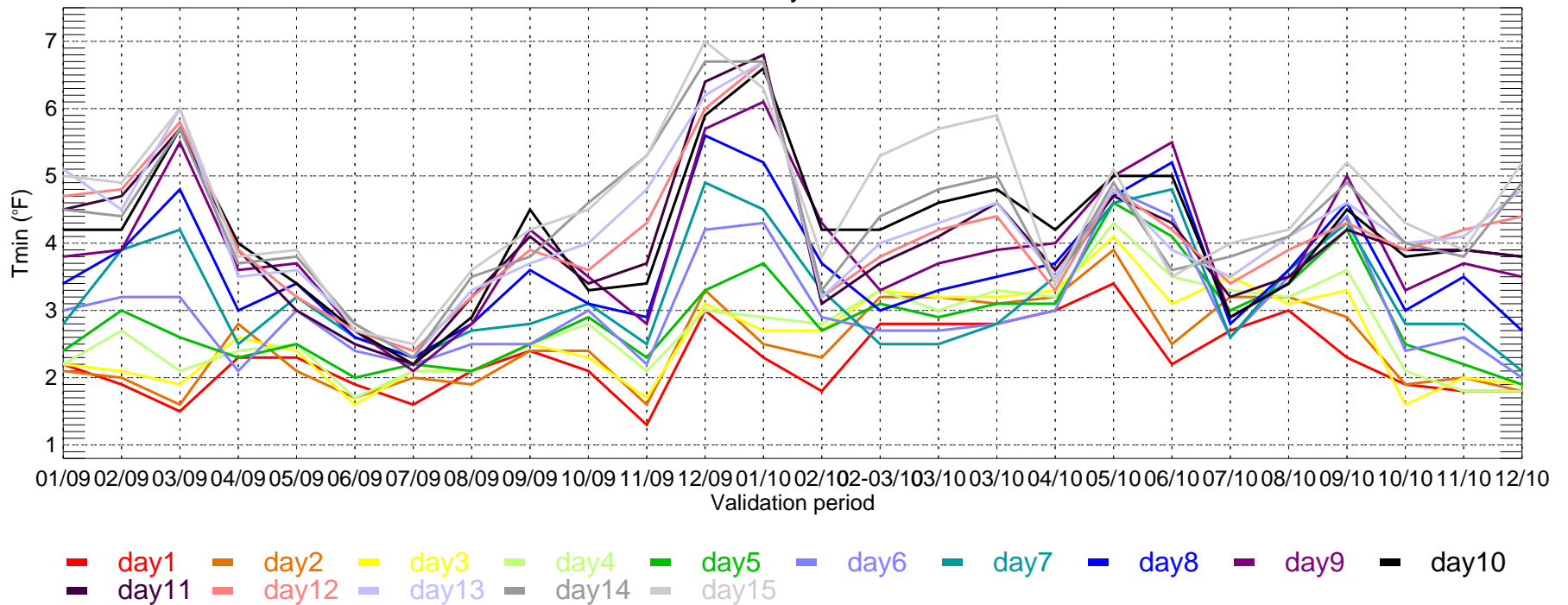
Validation period

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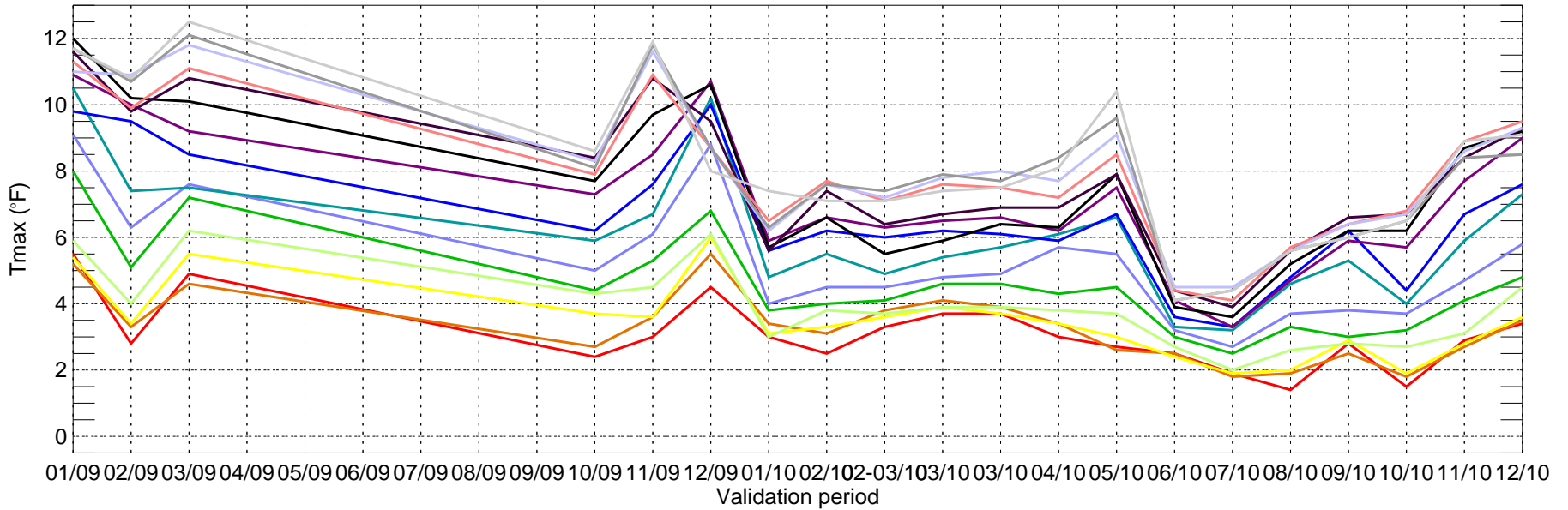
LGA: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



LGA: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



MCI: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



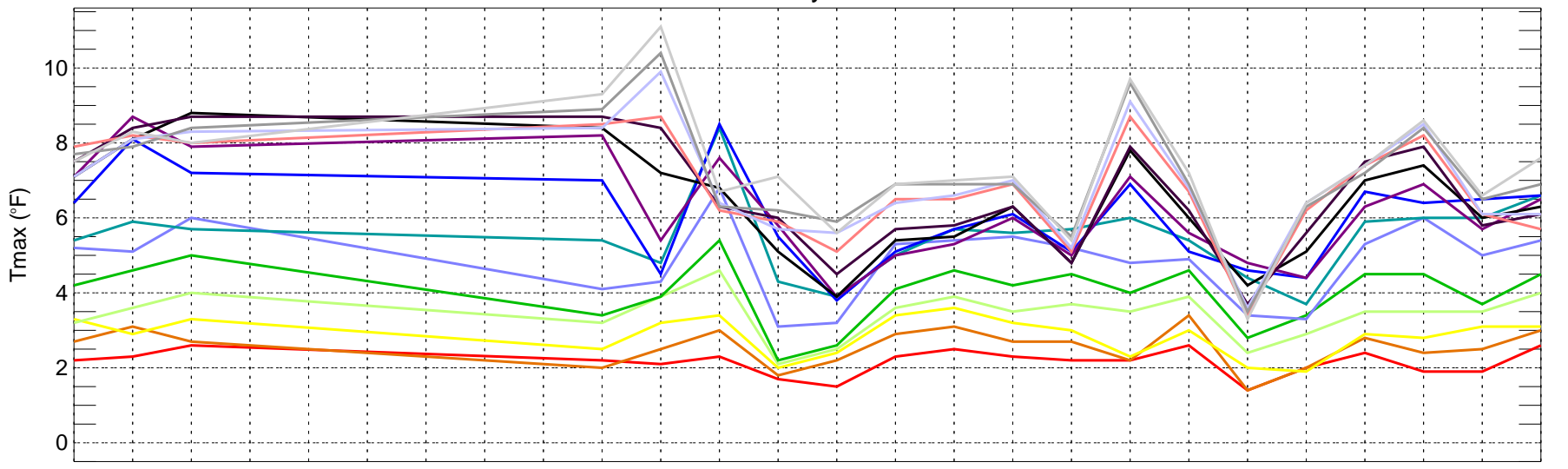
day1 day2 day3 day4 day5 day6 day7 day8 day9 day10  
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MCI: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



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

MSP: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

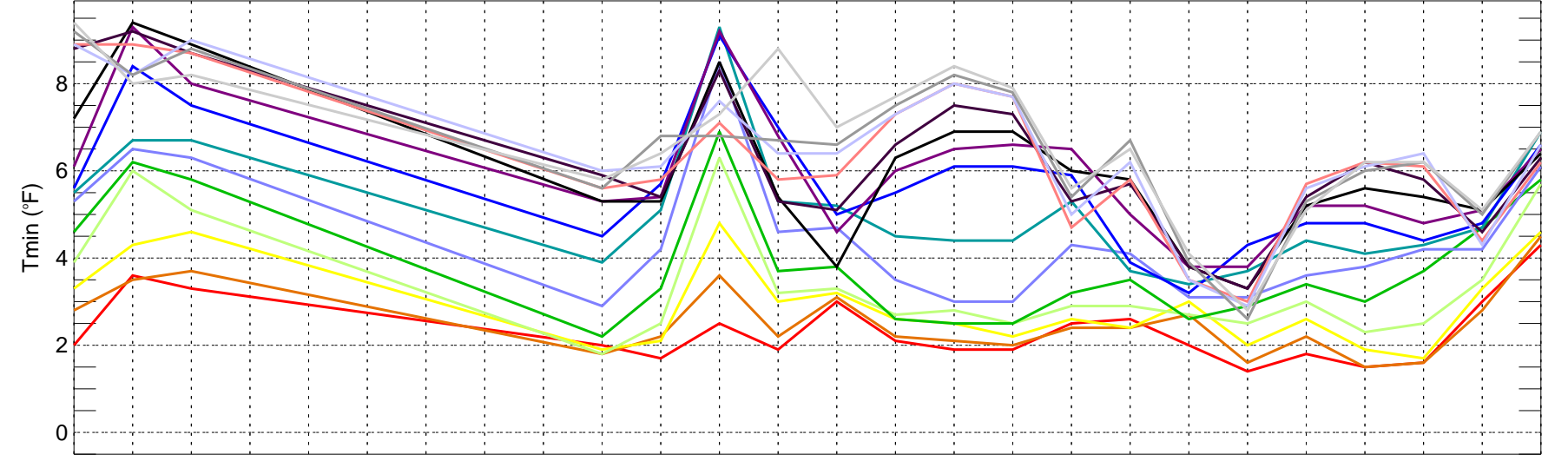


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Validation period

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MSP: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

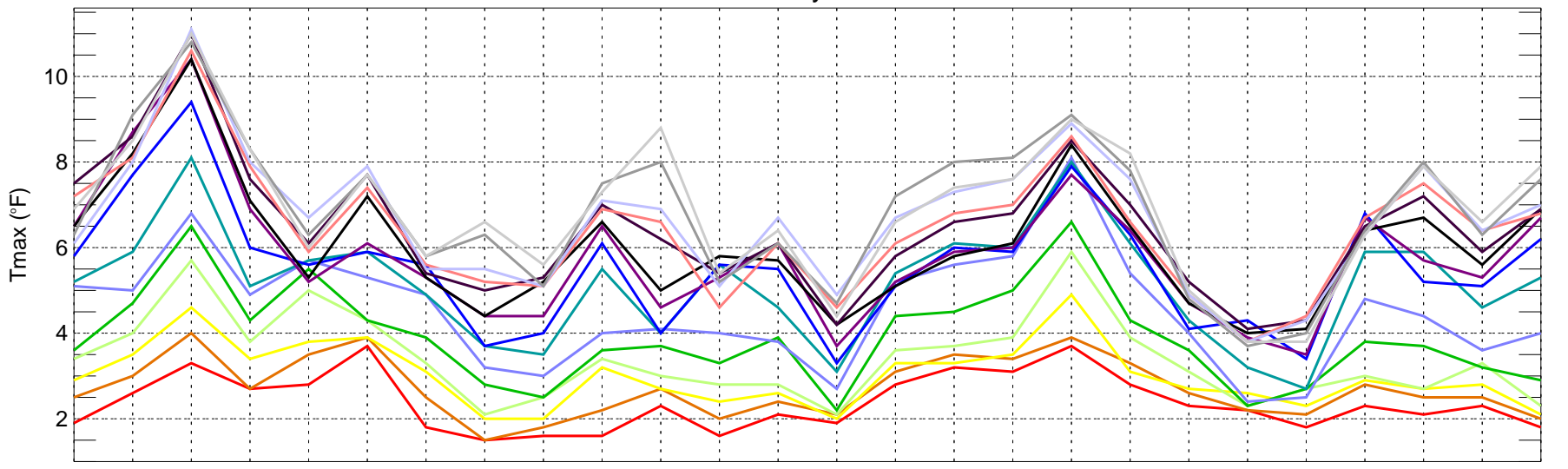


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

- day1
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ORD: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

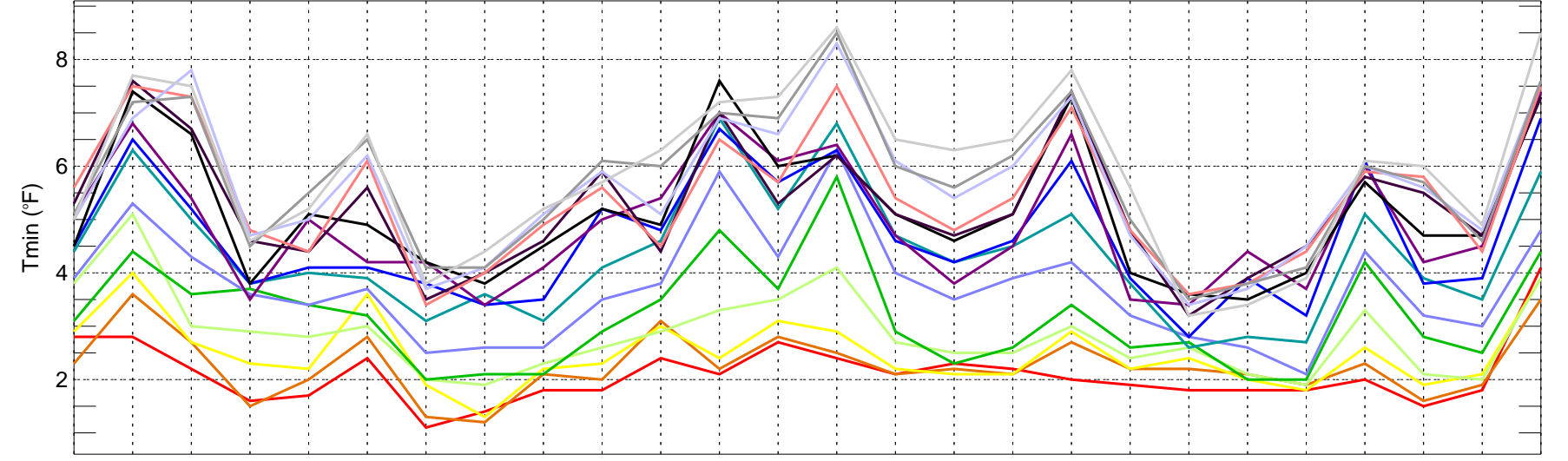


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Validation period

- day1
- day2
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- day4
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ORD: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

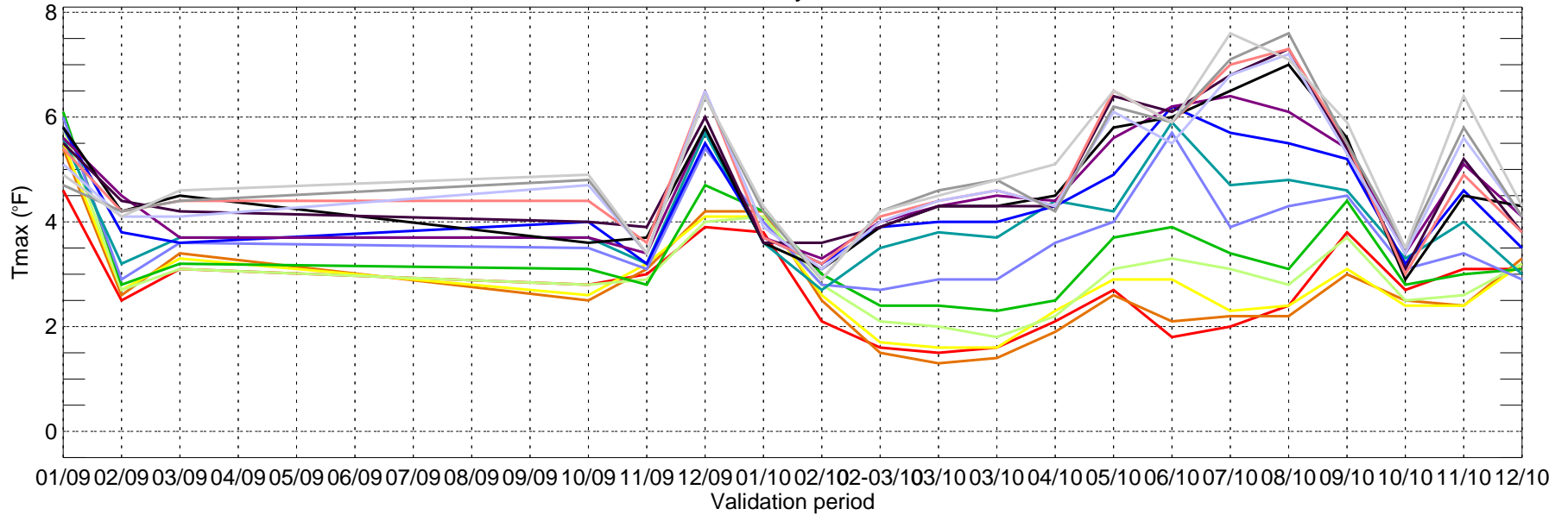


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

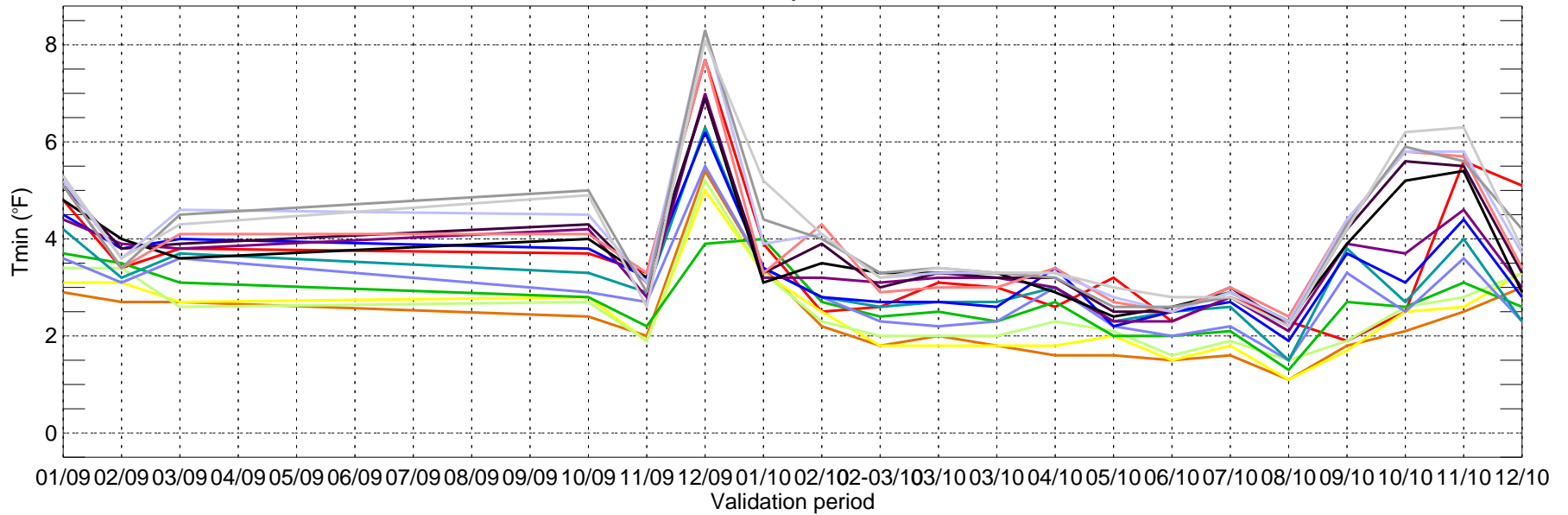
- day1
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PDX: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



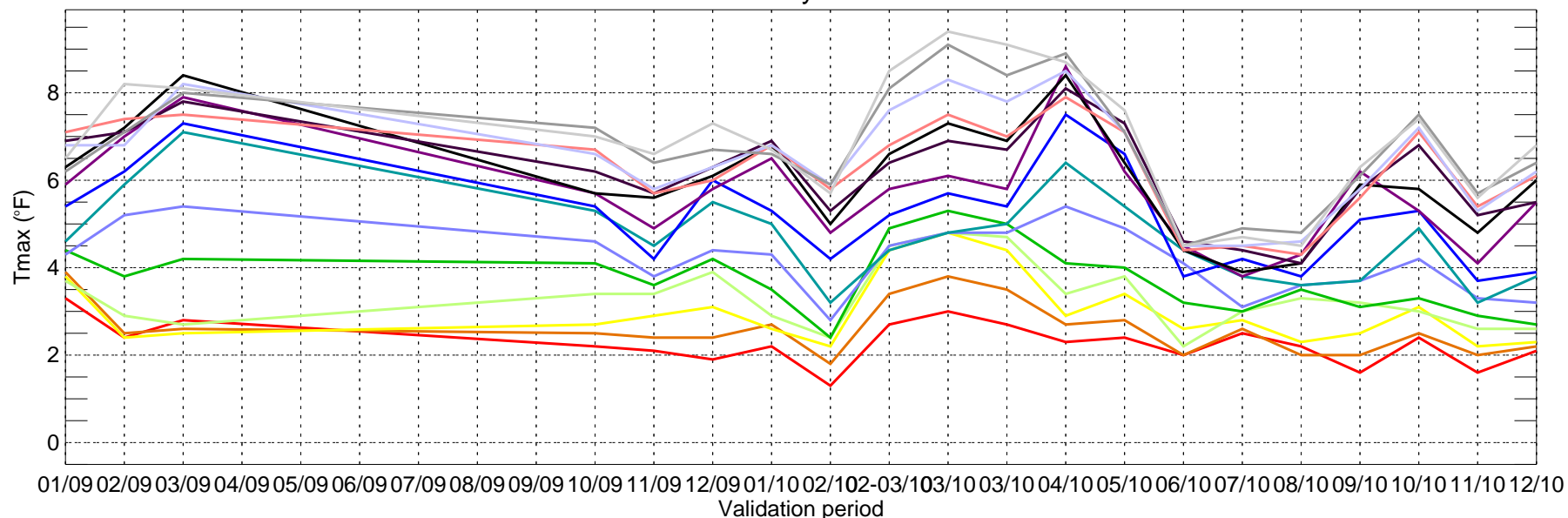
- day1
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PDX: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



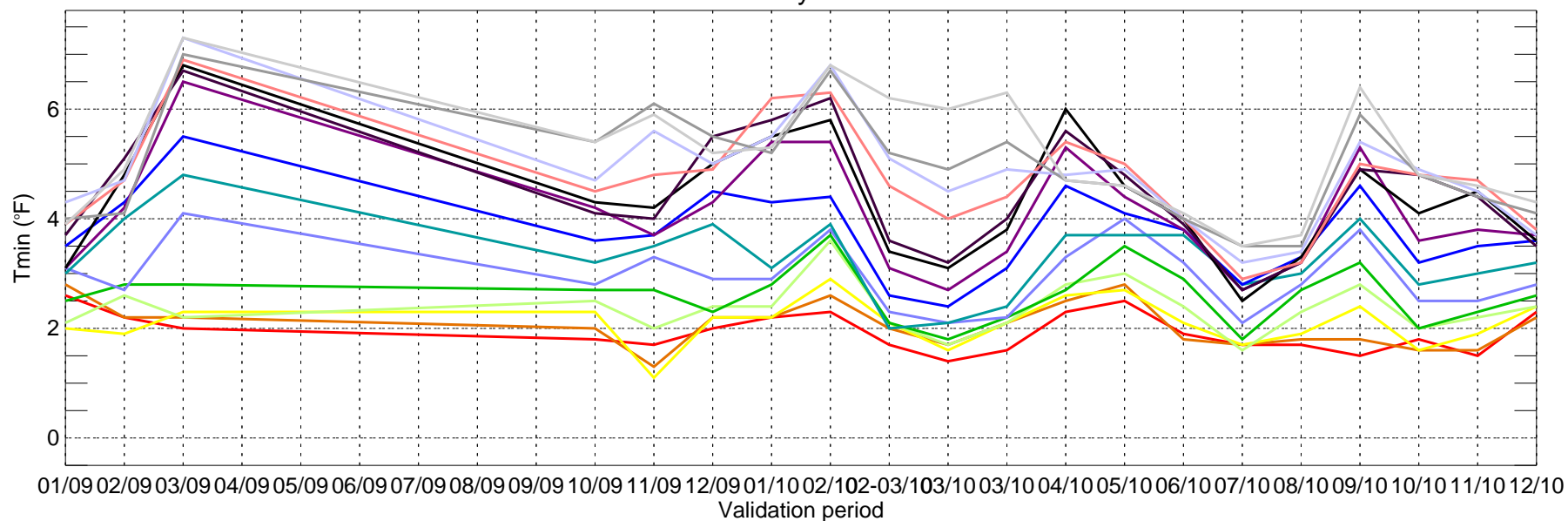
- day1
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PHL: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



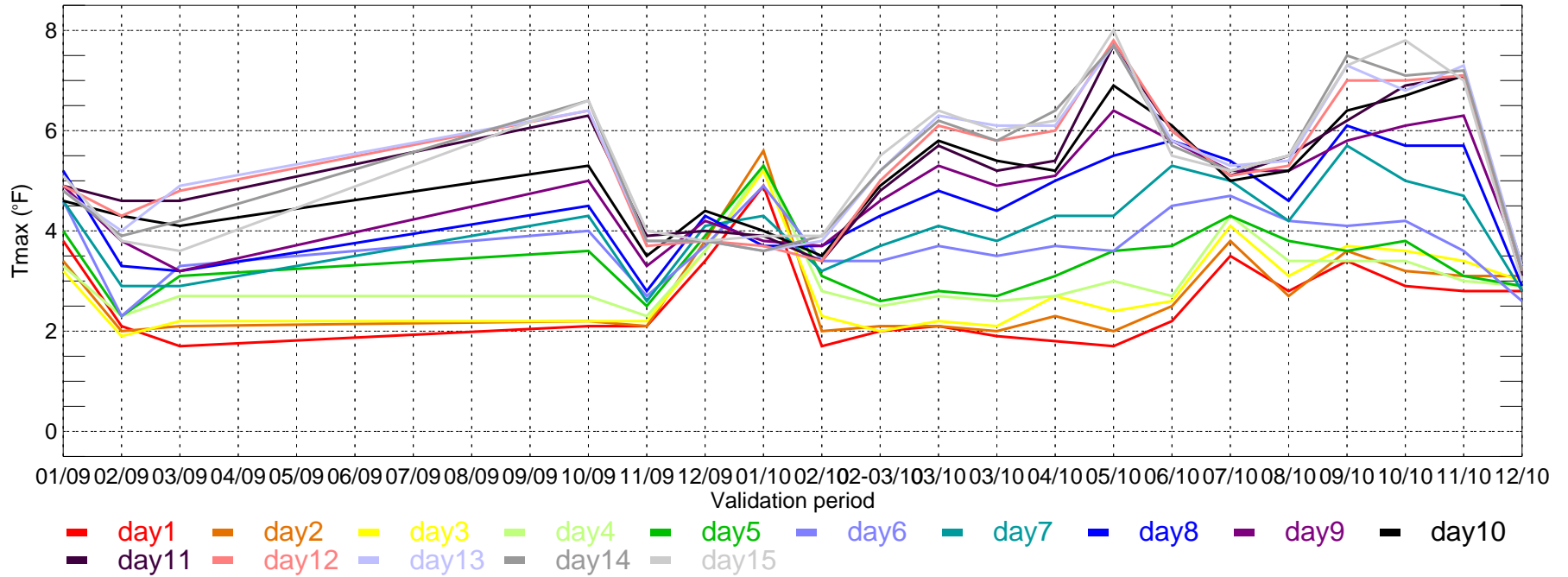
■ day1    ■ day2    ■ day3    ■ day4    ■ day5    ■ day6    ■ day7    ■ day8    ■ day9    ■ day10  
■ day11    ■ day12    ■ day13    ■ day14    ■ day15

PHL: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

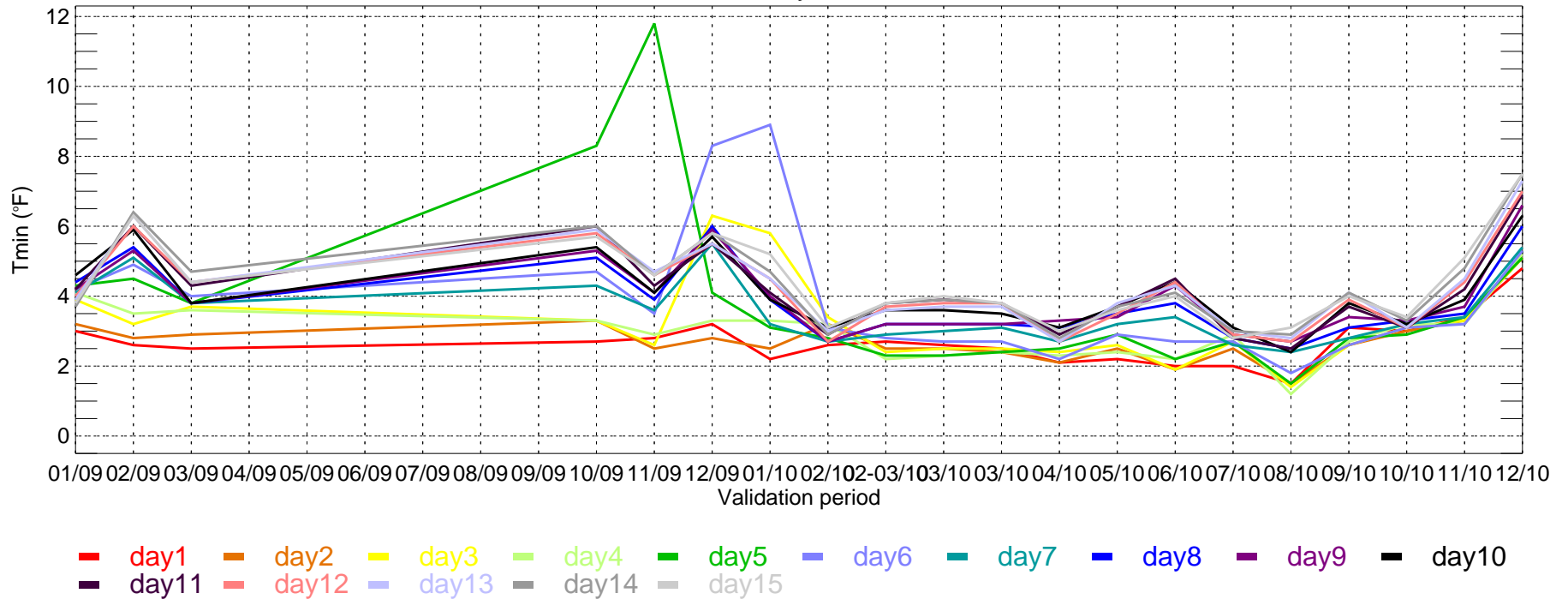


■ day1    ■ day2    ■ day3    ■ day4    ■ day5    ■ day6    ■ day7    ■ day8    ■ day9    ■ day10  
■ day11    ■ day12    ■ day13    ■ day14    ■ day15

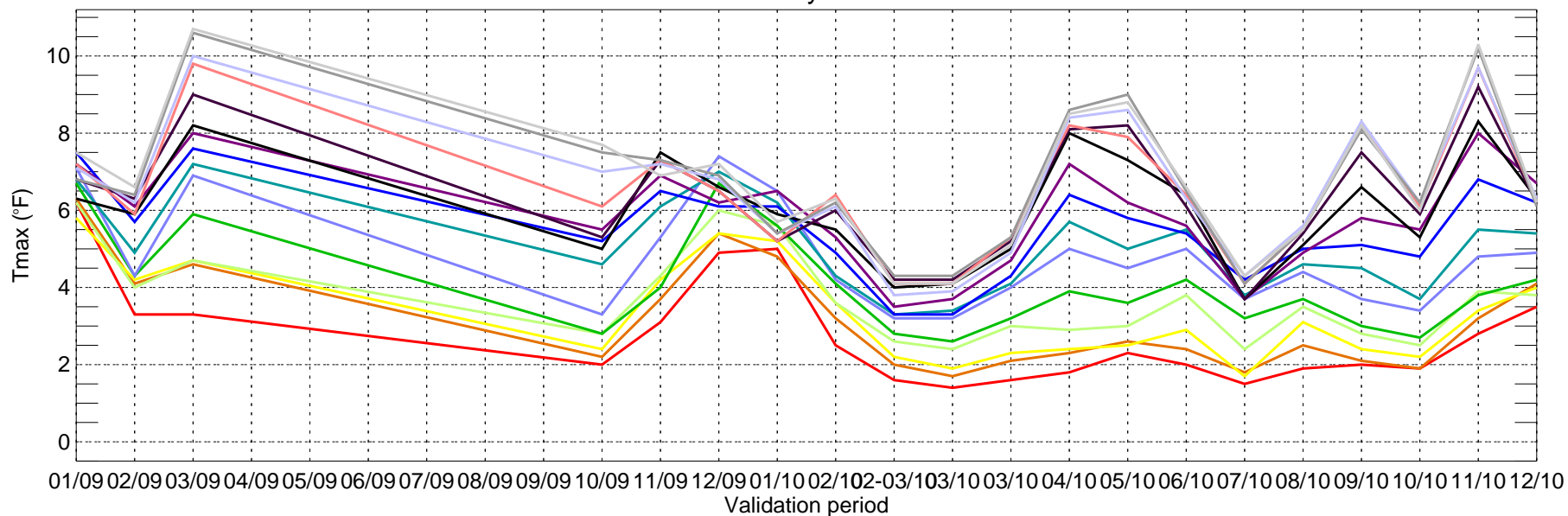
SAC: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



SAC: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

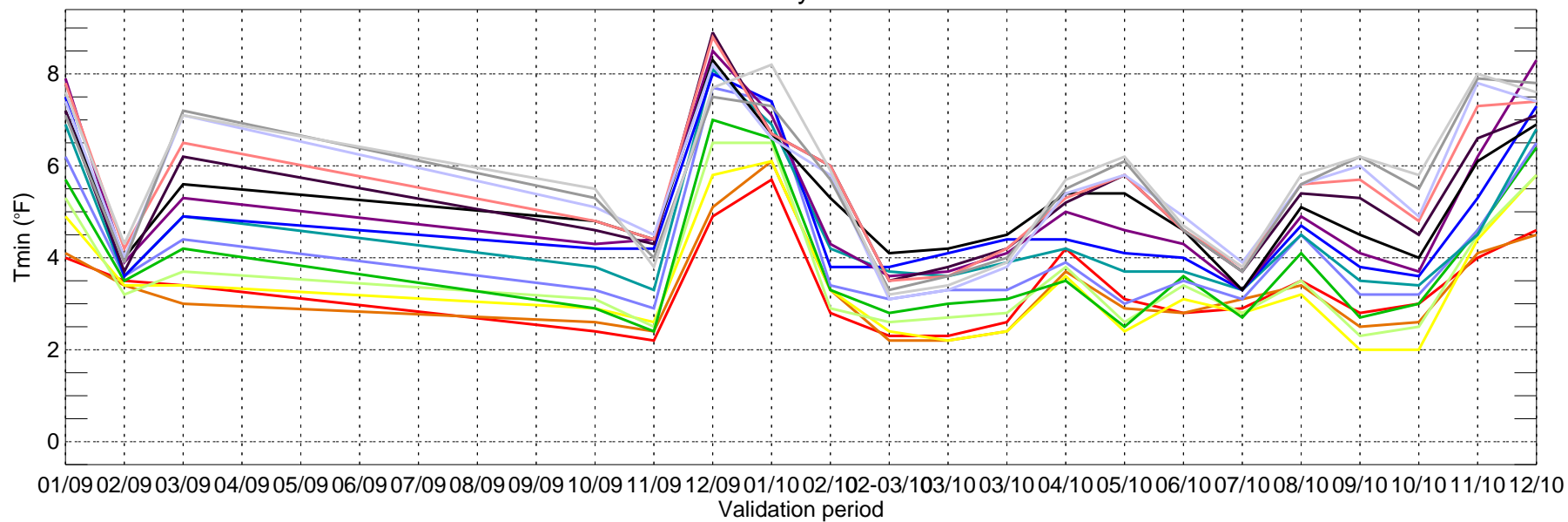


SLC: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



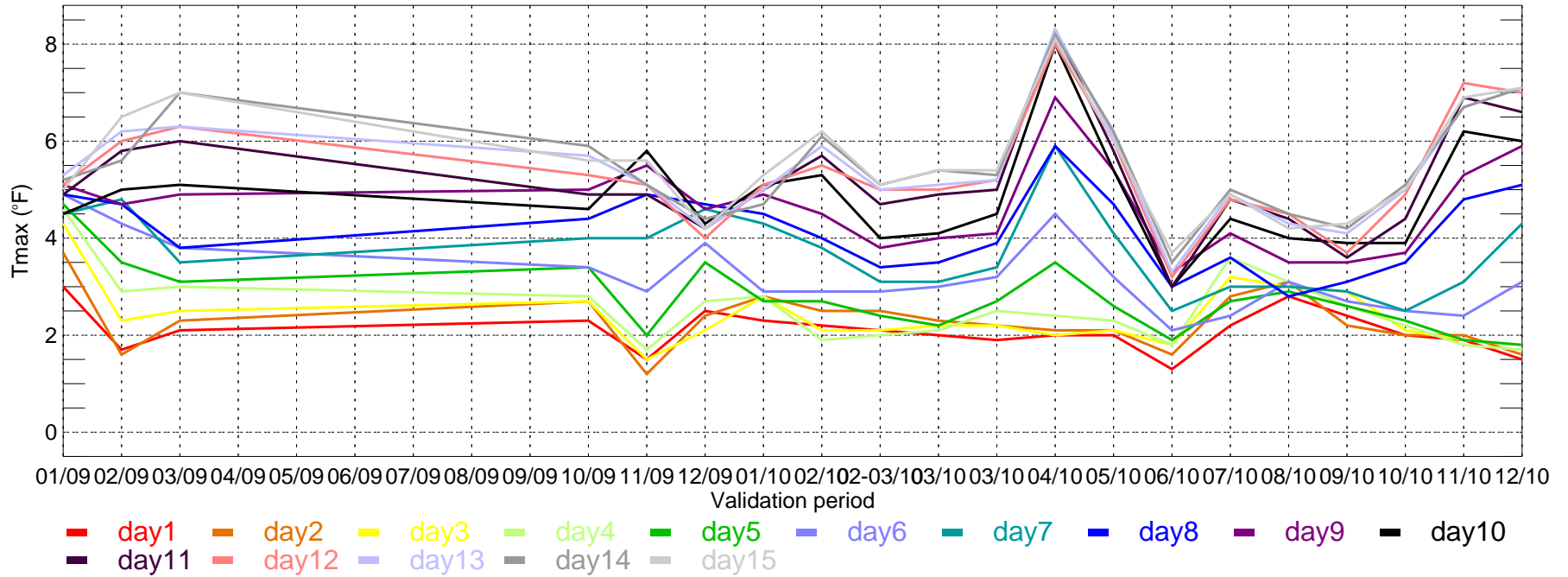
■ day1    ■ day2    ■ day3    ■ day4    ■ day5    ■ day6    ■ day7    ■ day8    ■ day9    ■ day10  
■ day11    ■ day12    ■ day13    ■ day14    ■ day15

SLC: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

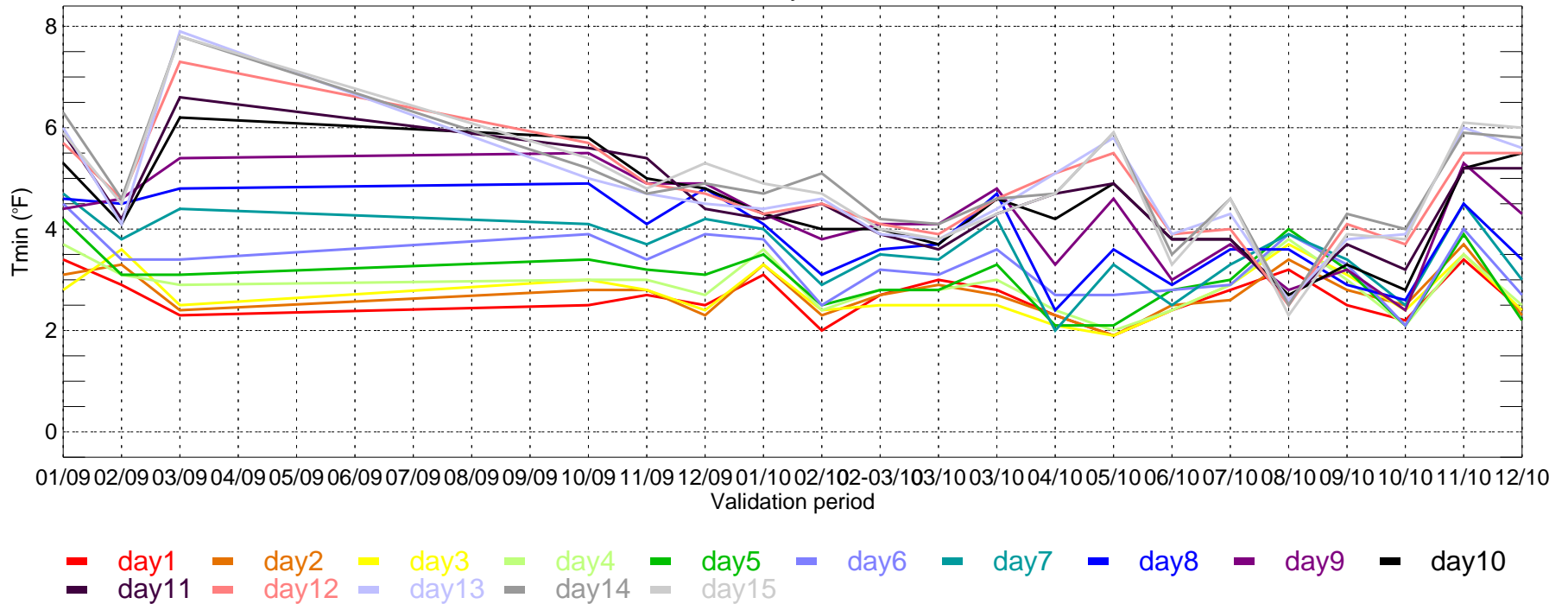


■ day1    ■ day2    ■ day3    ■ day4    ■ day5    ■ day6    ■ day7    ■ day8    ■ day9    ■ day10  
■ day11    ■ day12    ■ day13    ■ day14    ■ day15

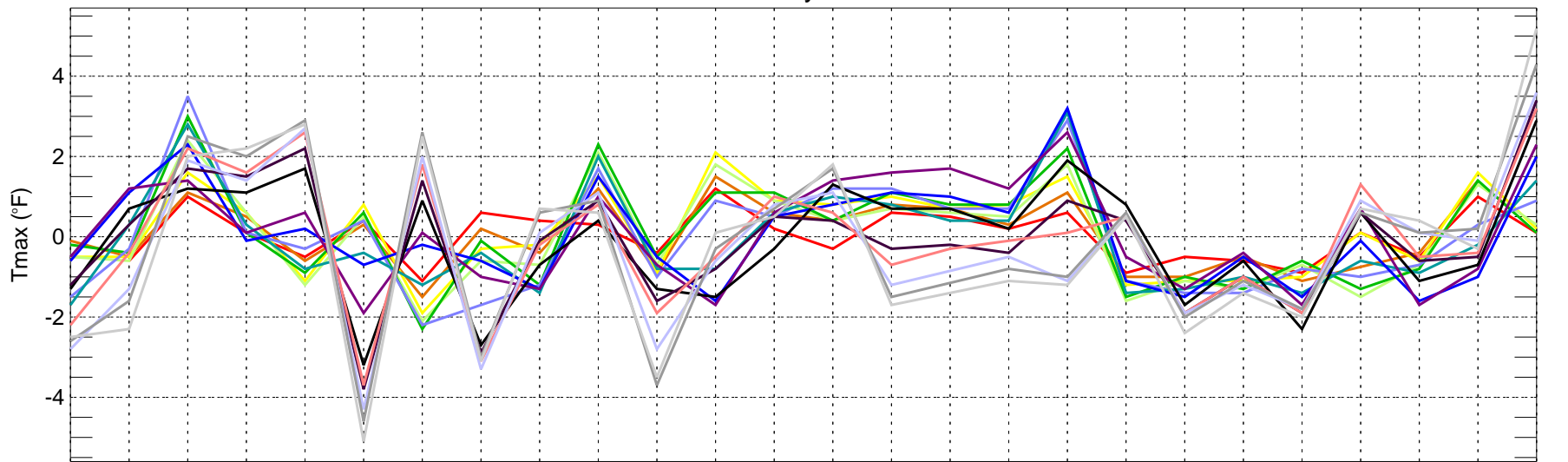
TUS: ECMWF MAE of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



TUS: ECMWF MAE of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



ATL: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

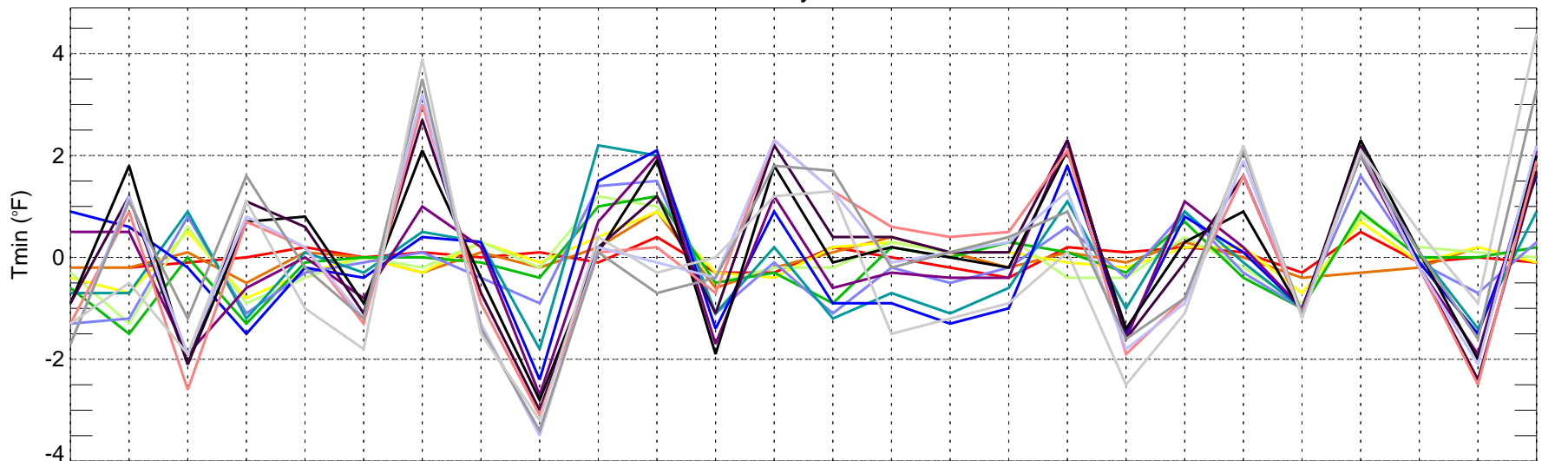


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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

ATL: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

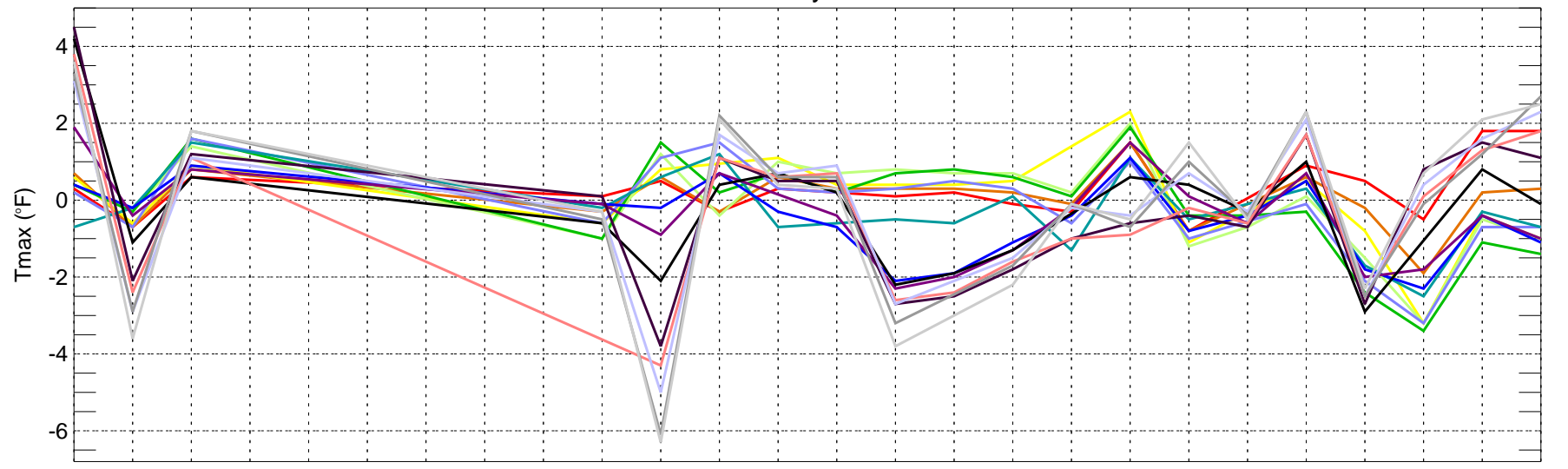


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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

BOS: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

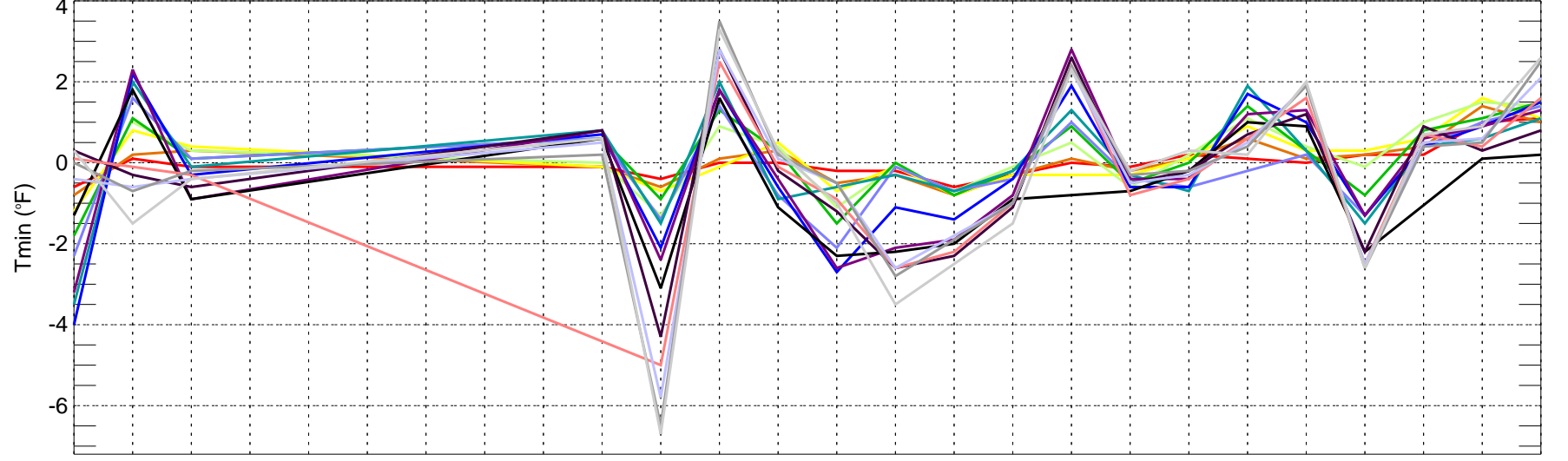


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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

BOS: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

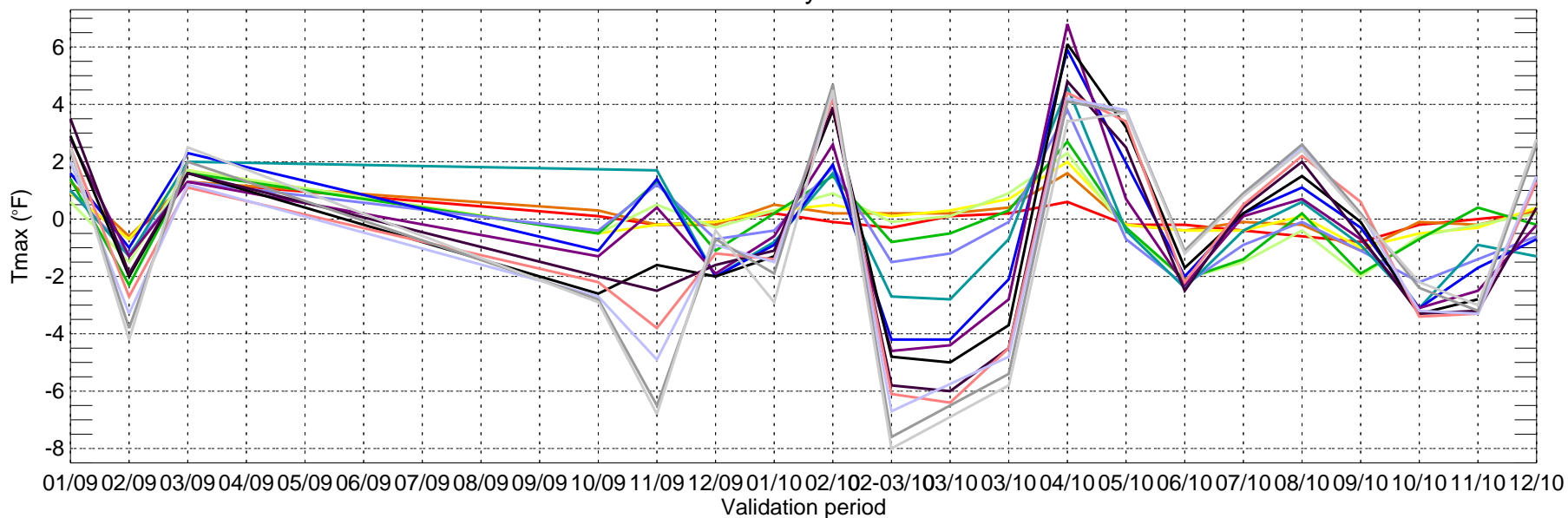


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

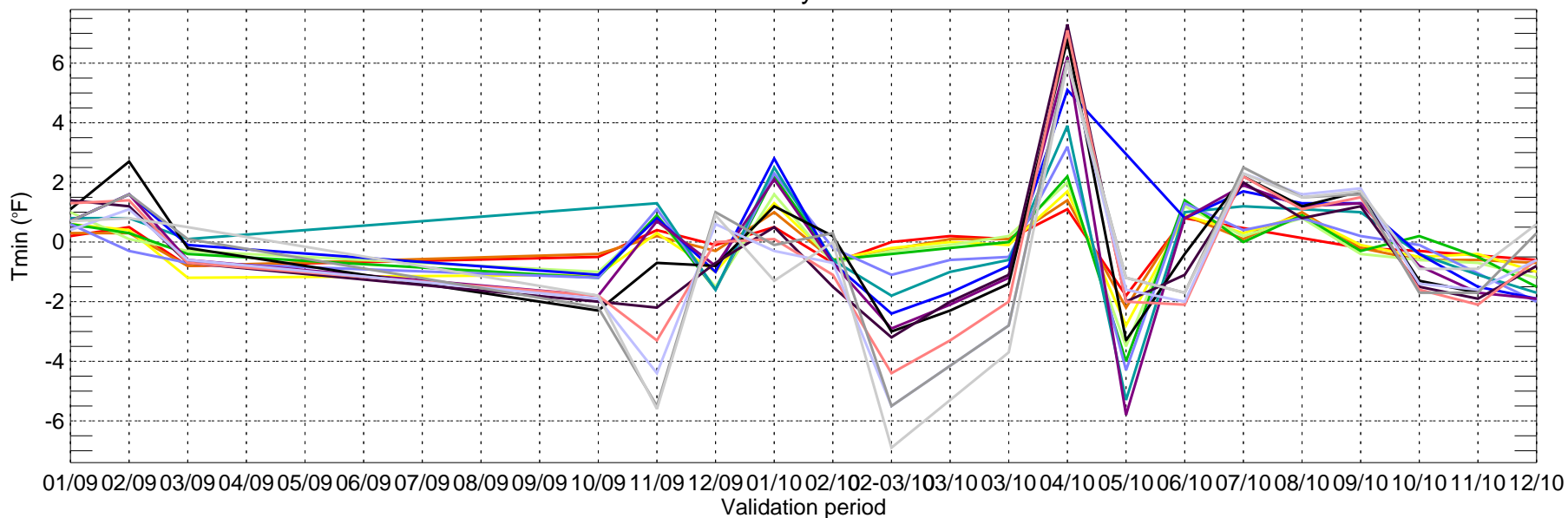
- day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
- day11 day12 day13 day14 day15

BWI: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



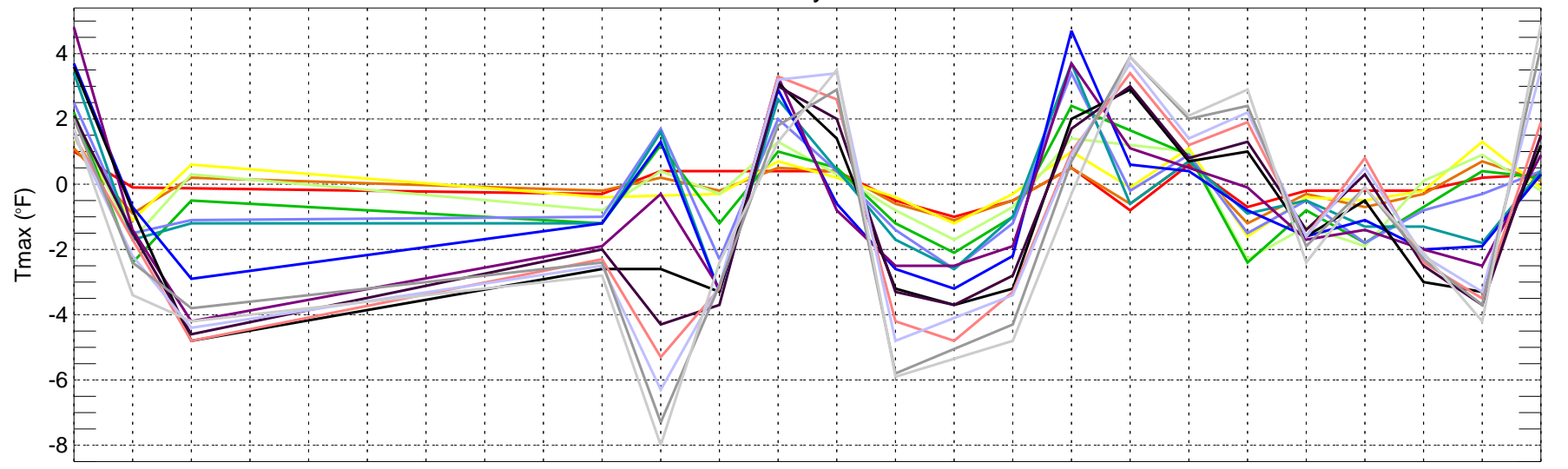
— day1    — day2    — day3    — day4    — day5    — day6    — day7    — day8    — day9    — day10  
— day11    — day12    — day13    — day14    — day15

BWI: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



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

CVG: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

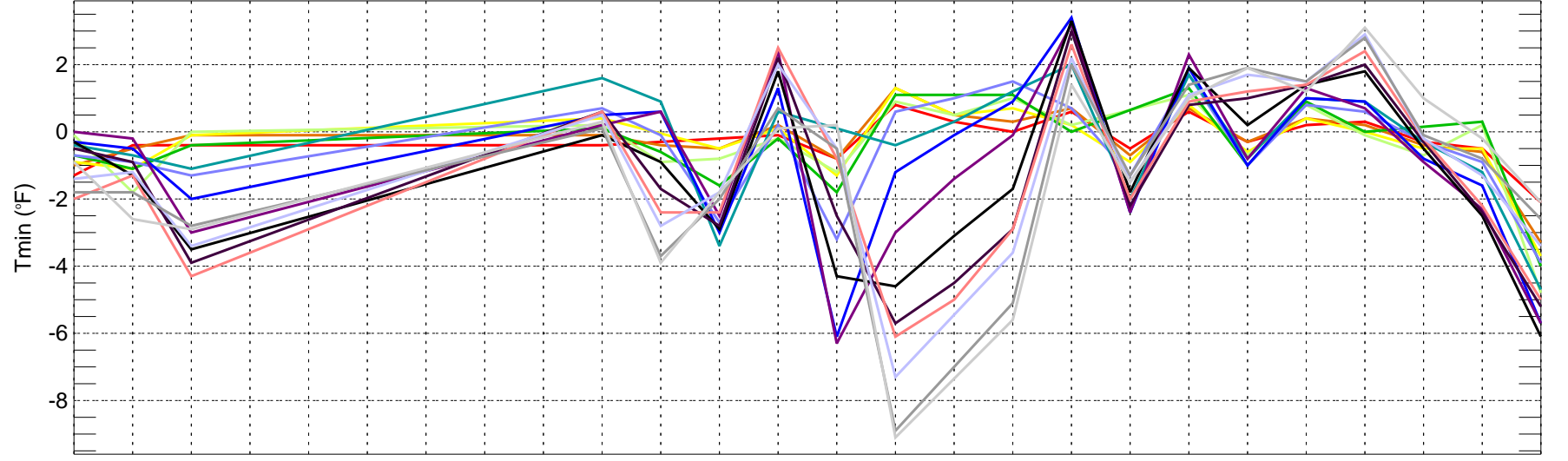


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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CVG: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

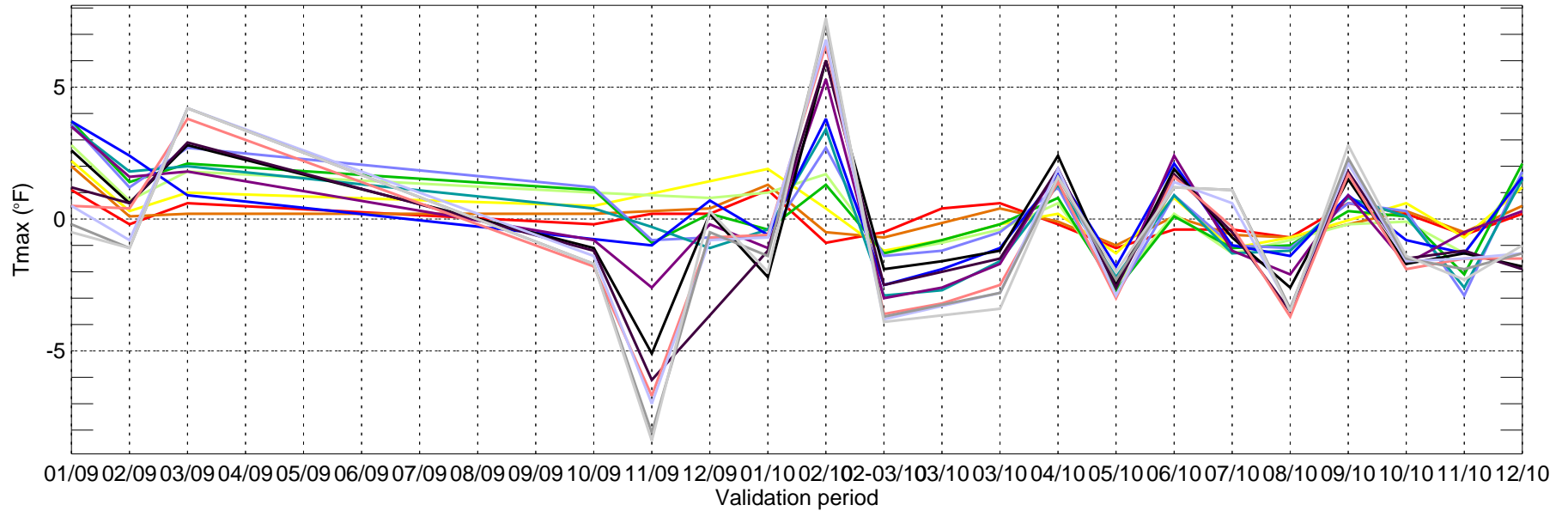


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

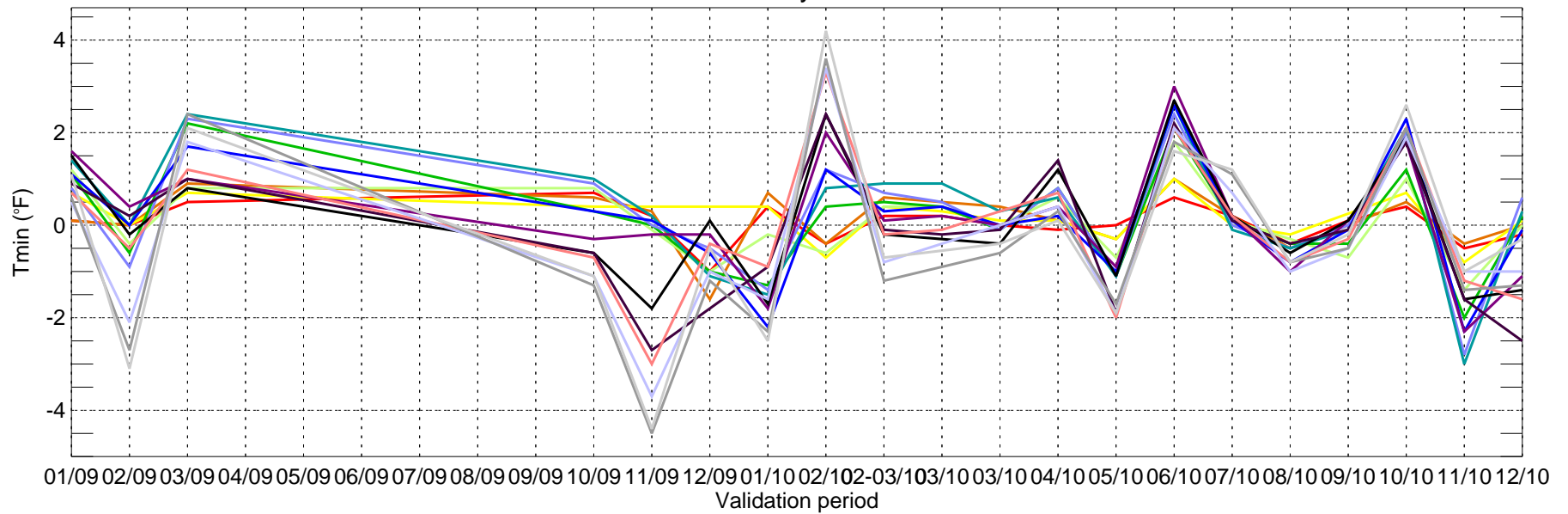
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DFW: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



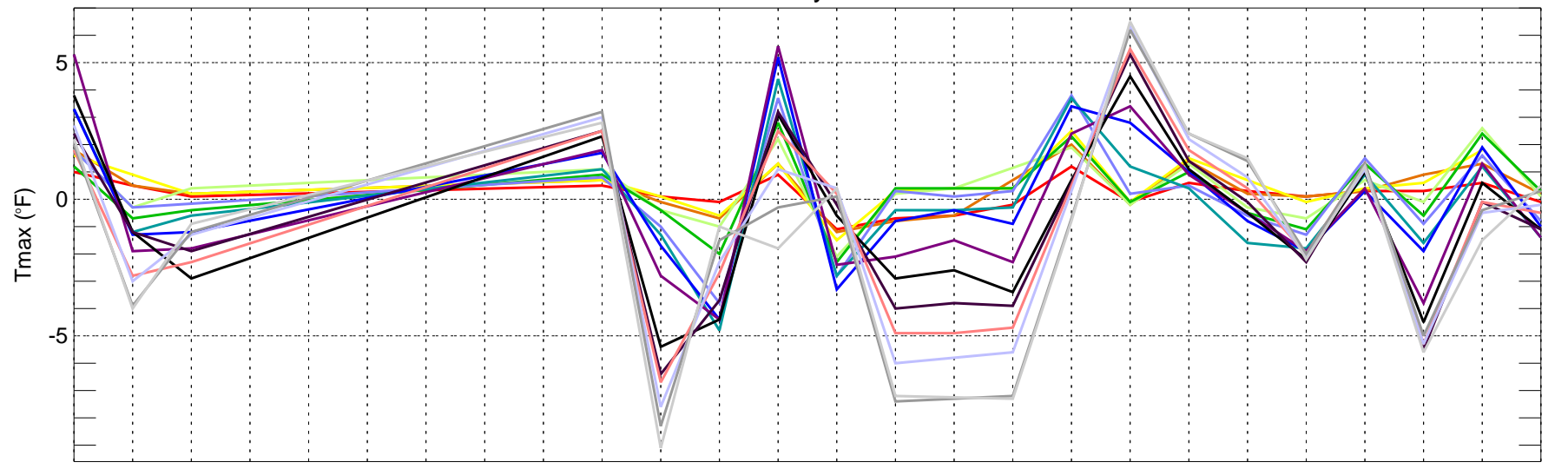
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DFW: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



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- day15

DSM: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

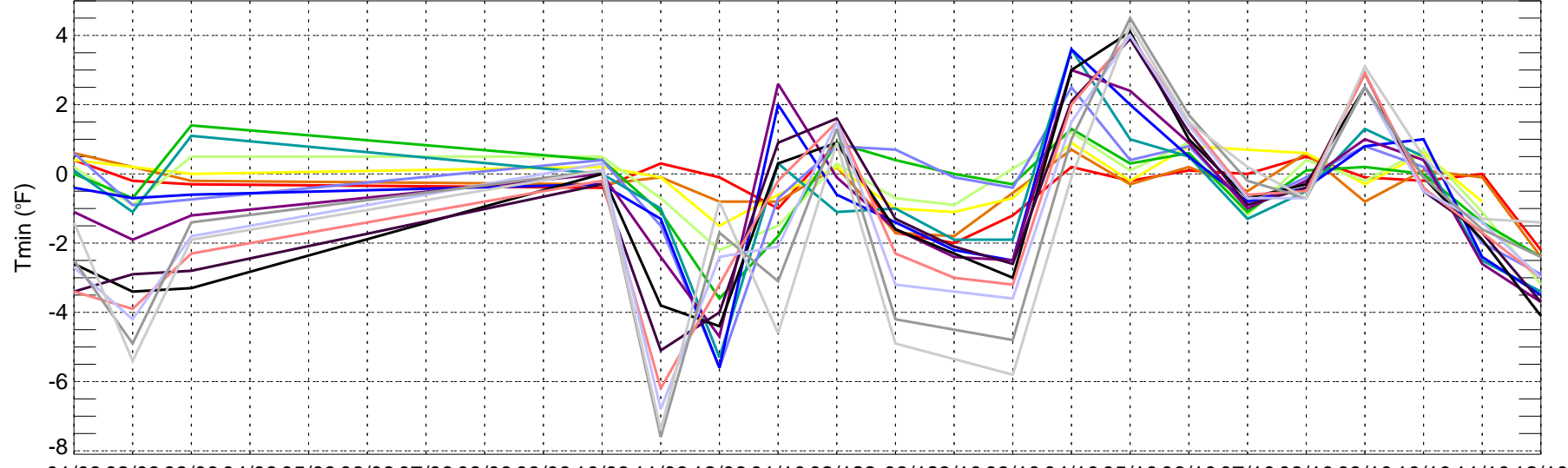


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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

DSM: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

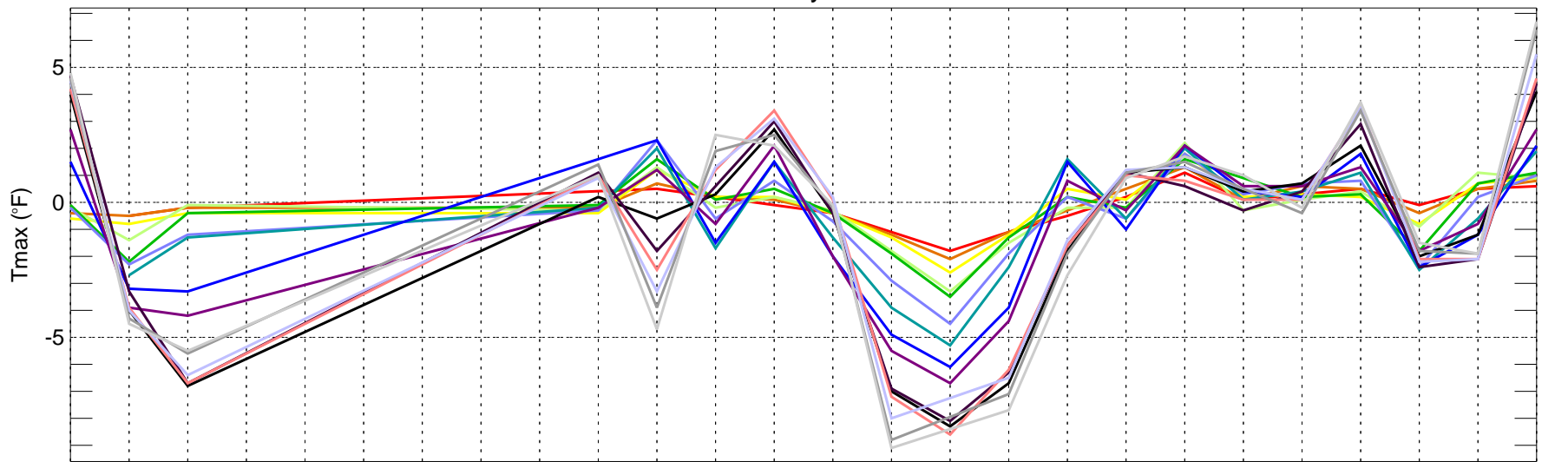


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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

DTW: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

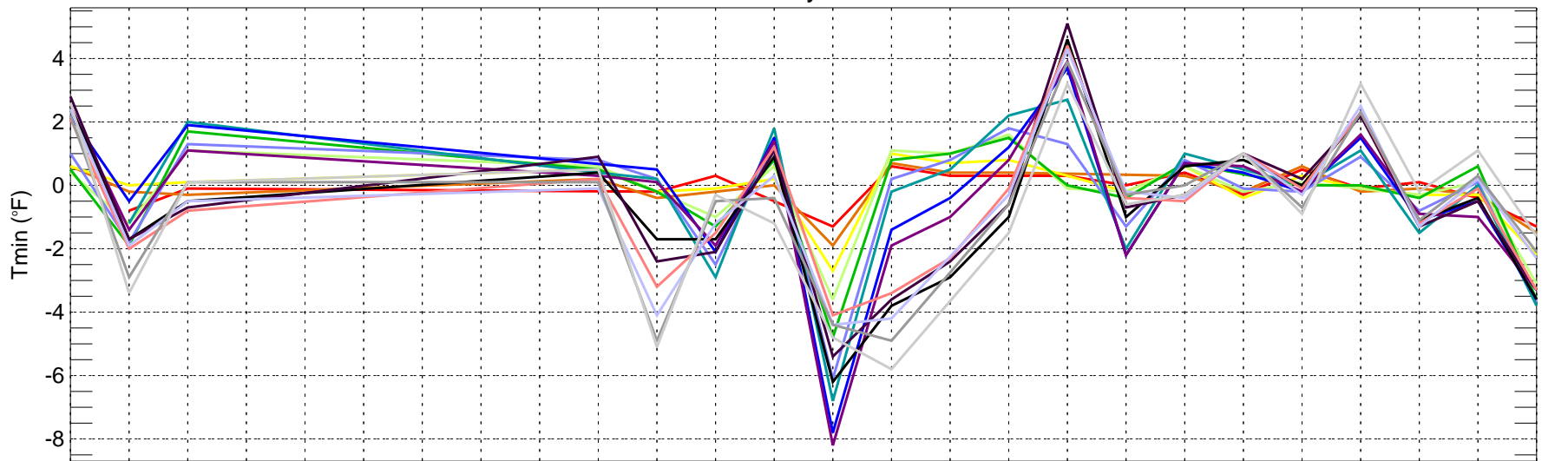


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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DTW: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

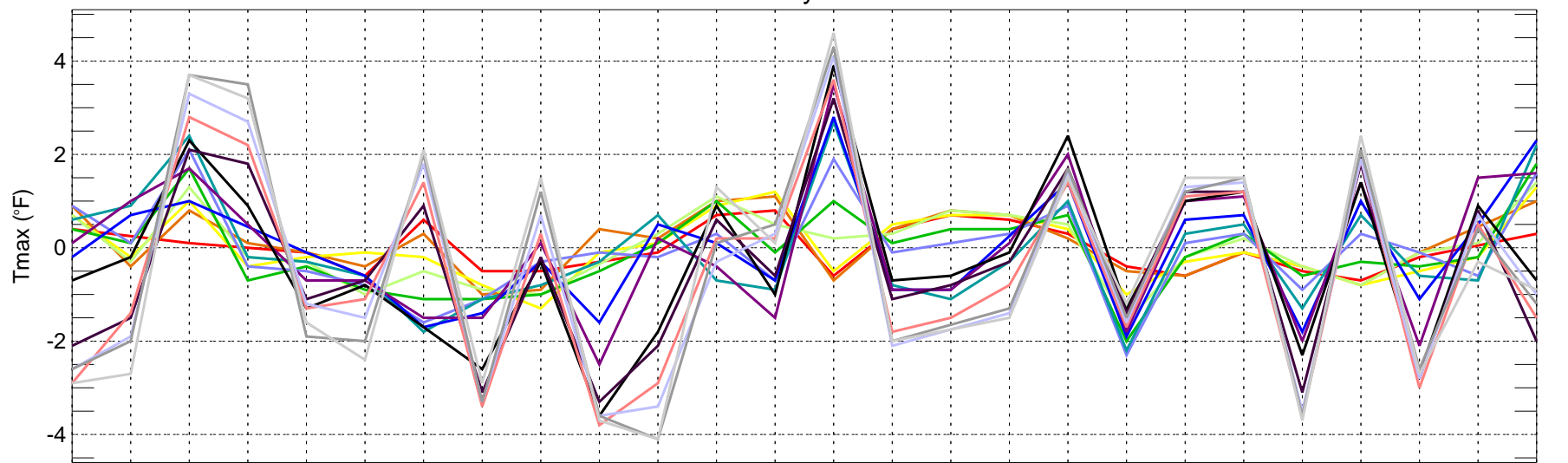


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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IAH: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

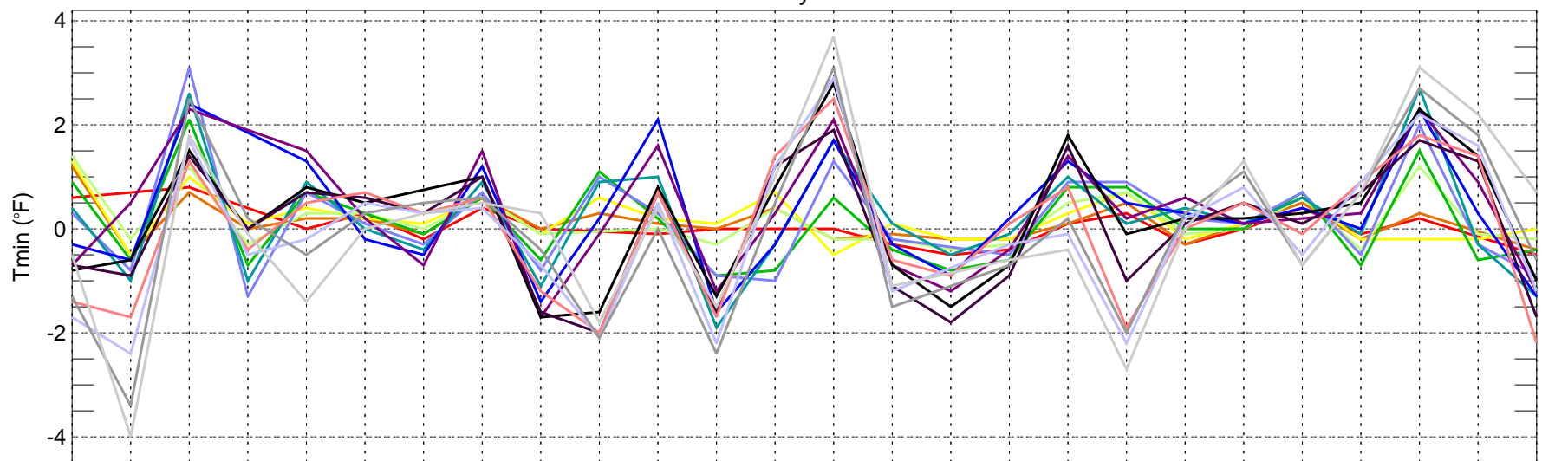


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Validation period

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IAH: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

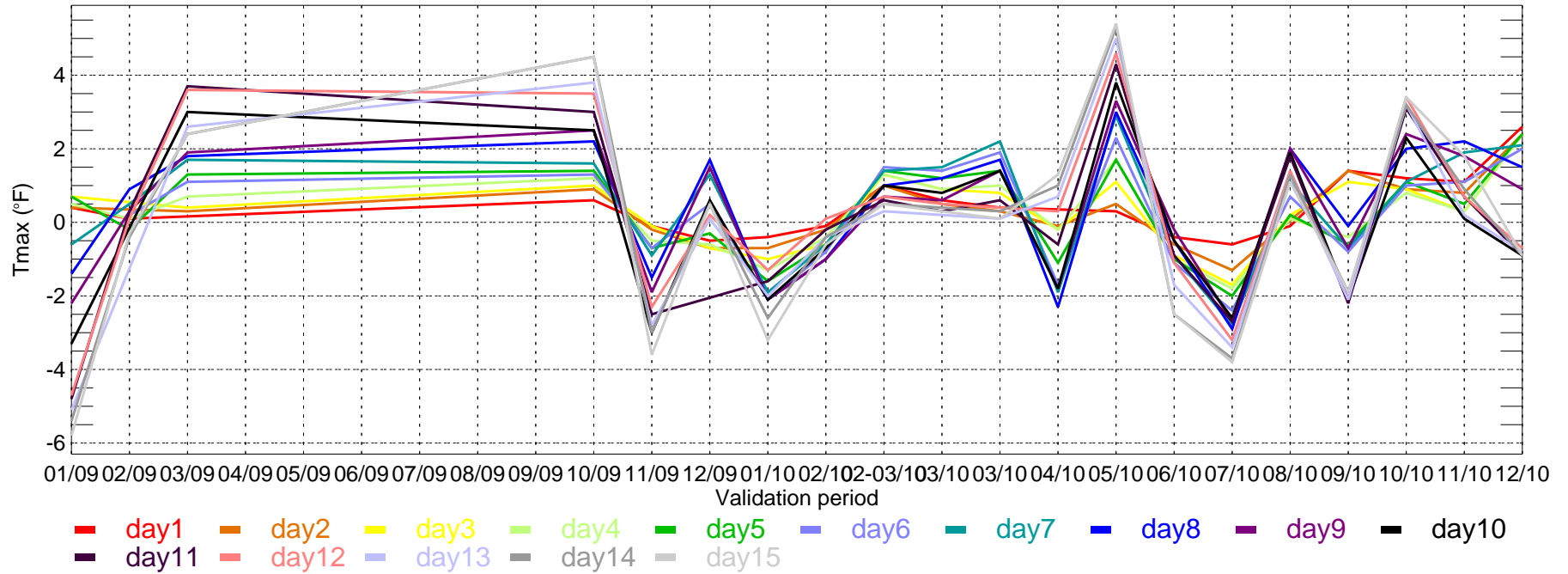


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

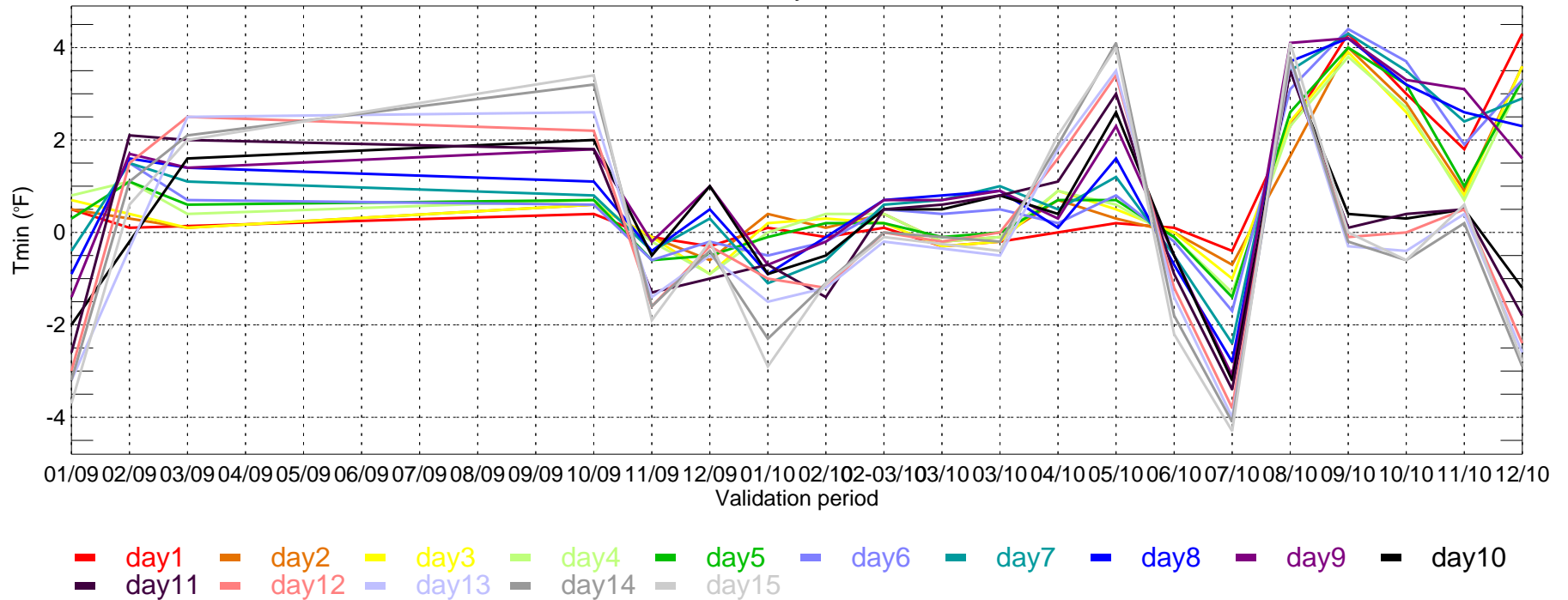
Validation period

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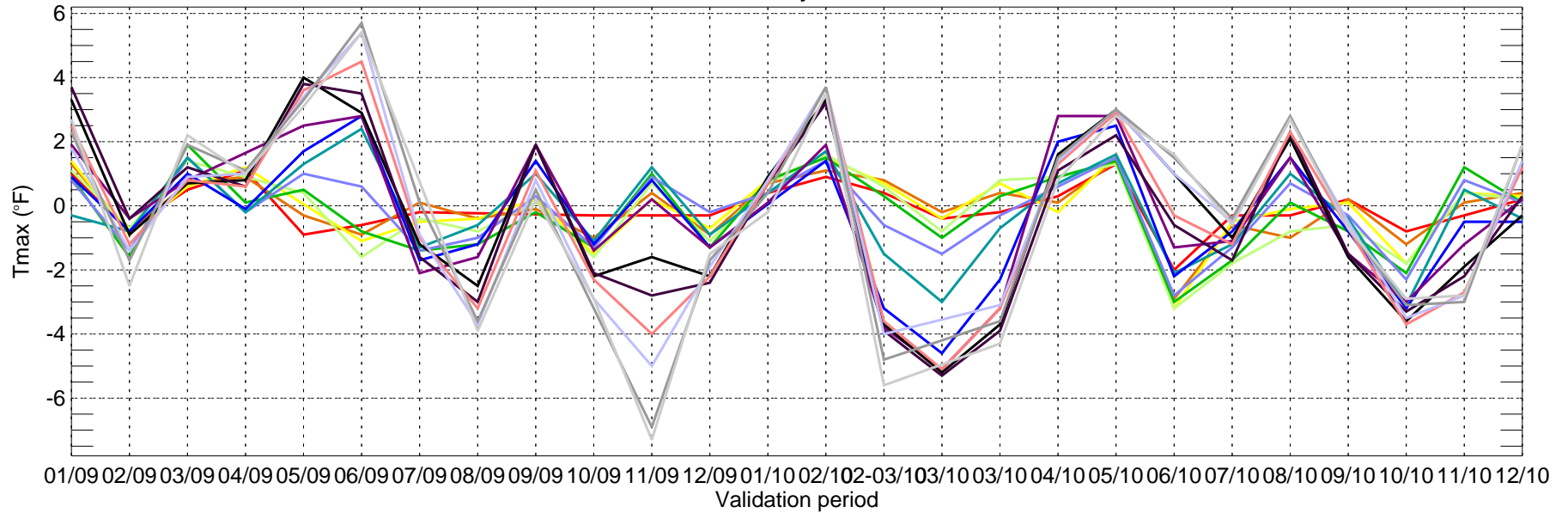
LAS: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



LAS: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

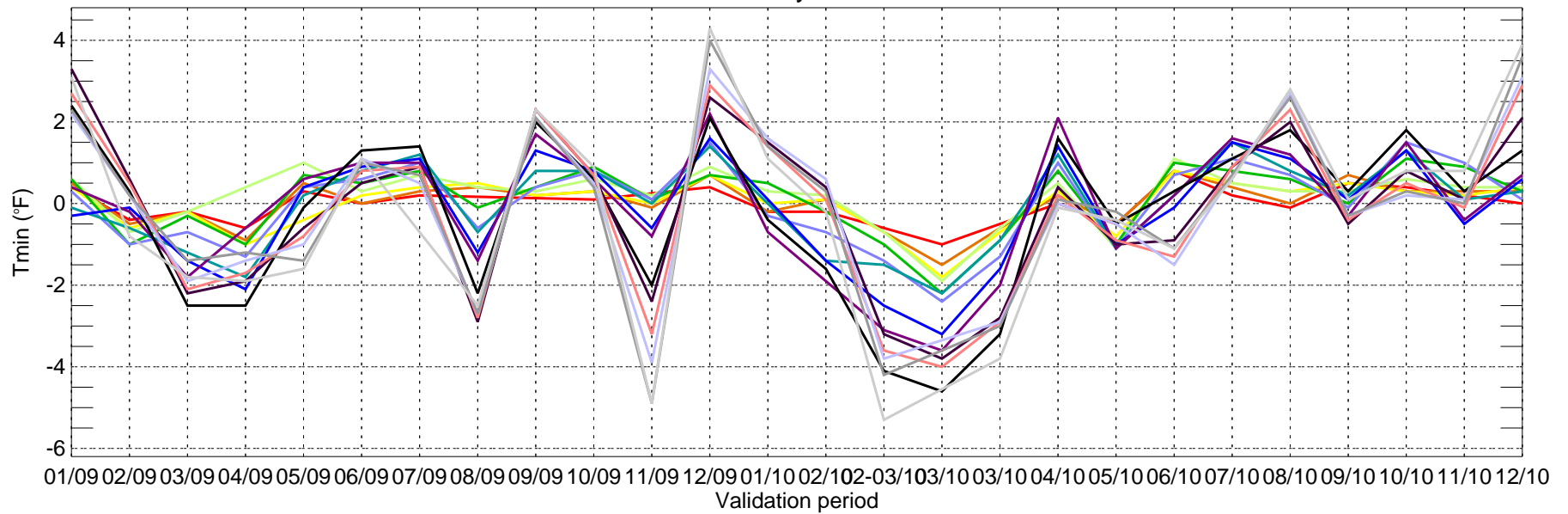


LGA: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



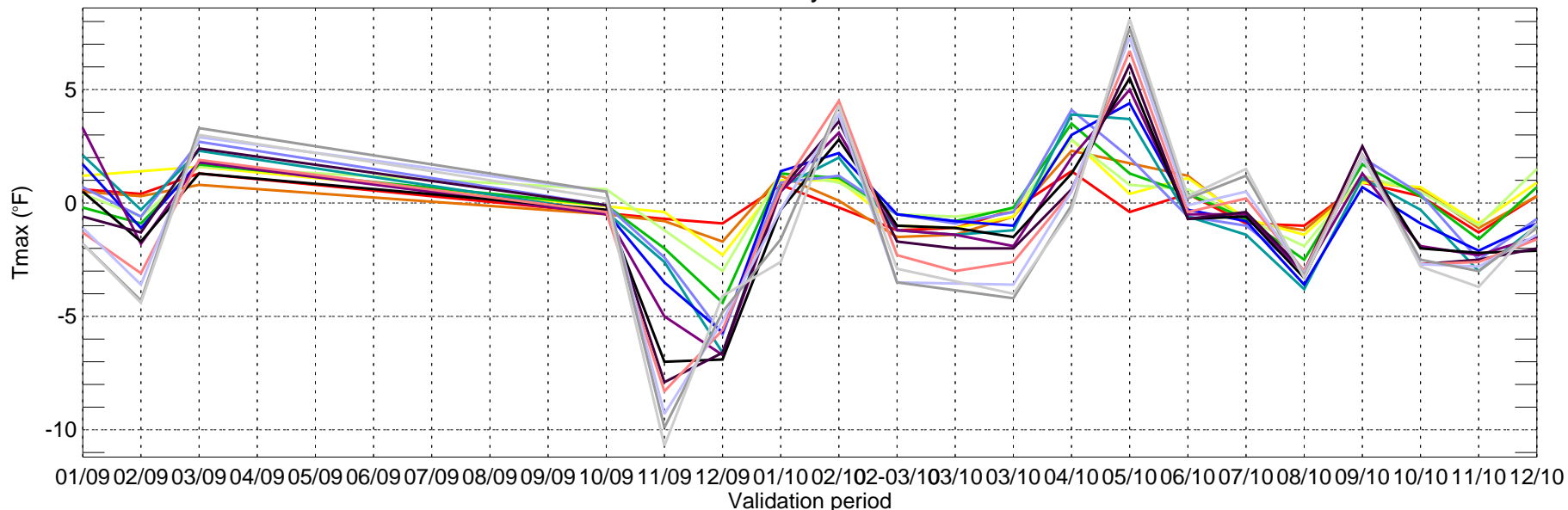
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LGA: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



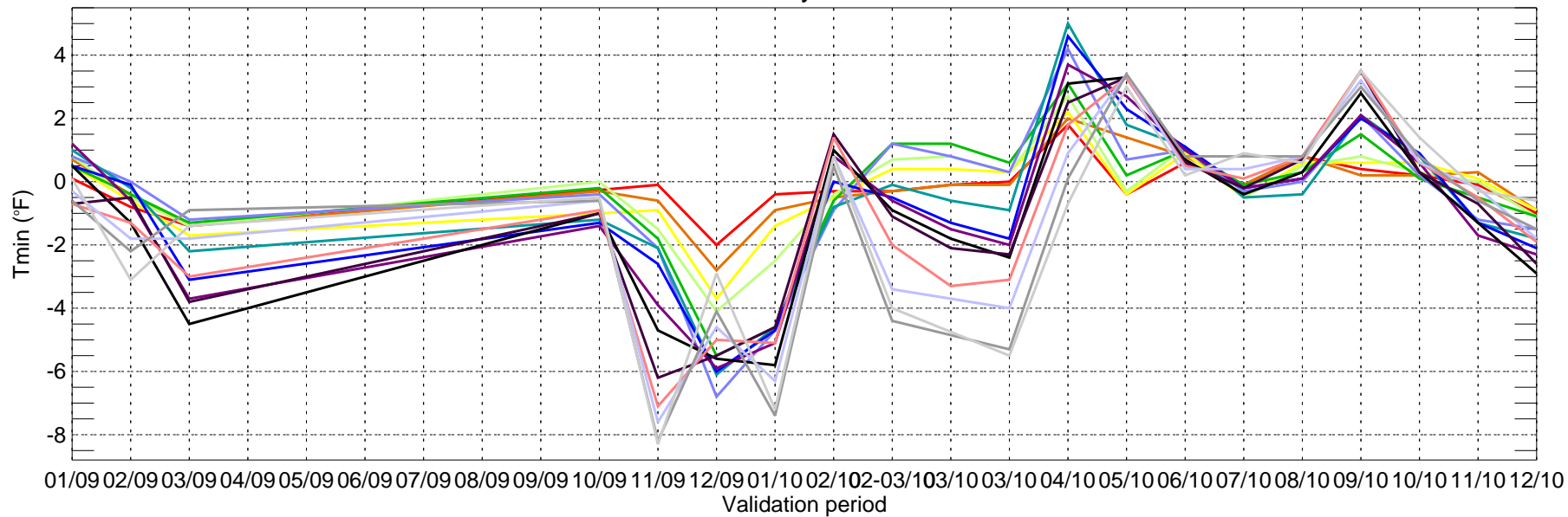
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MCI: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



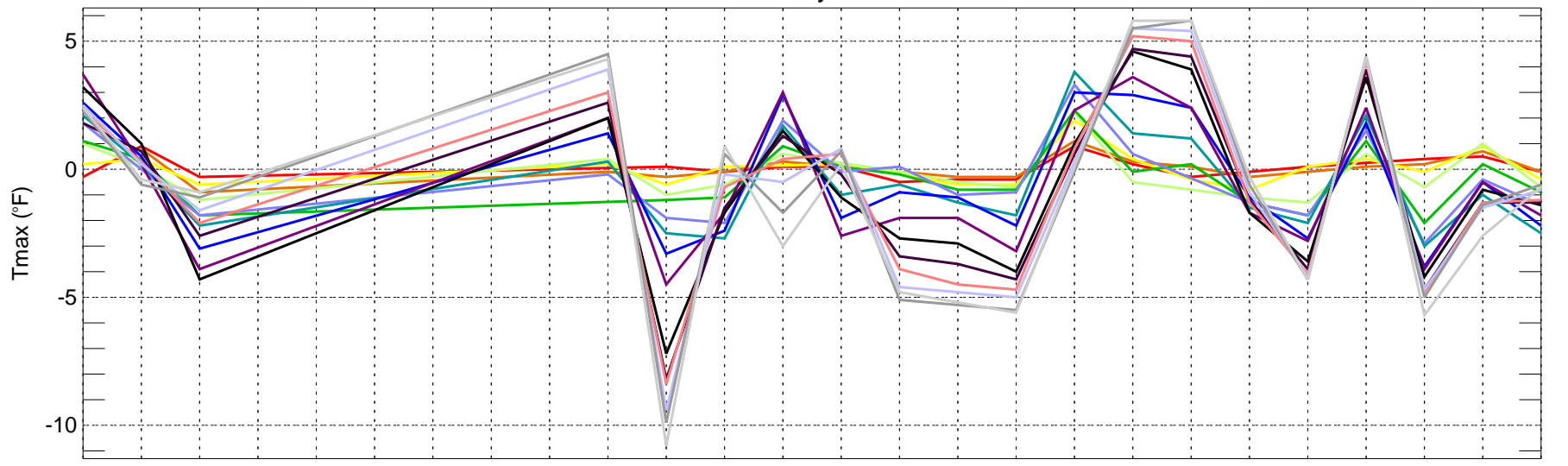
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MCI: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



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MSP: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

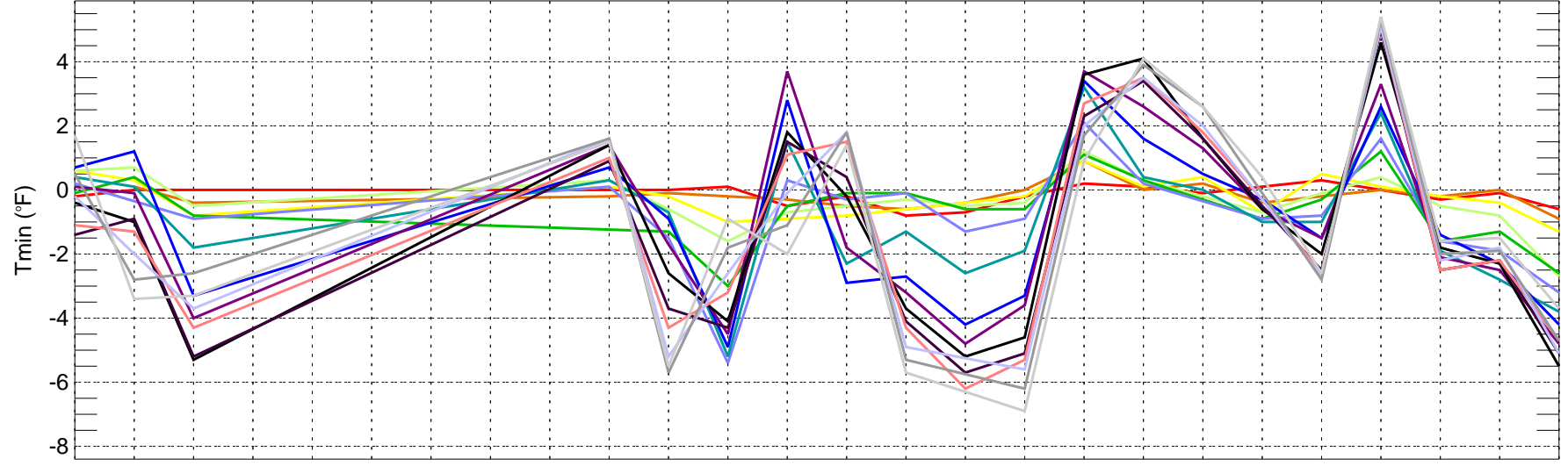


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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MSP: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

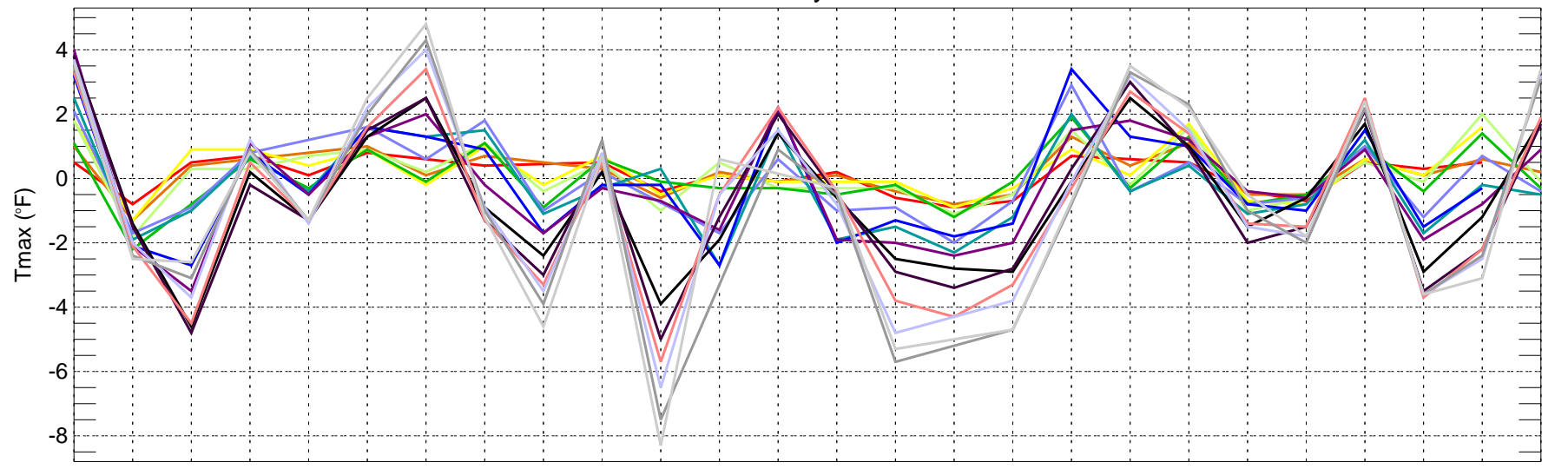


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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ORD: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

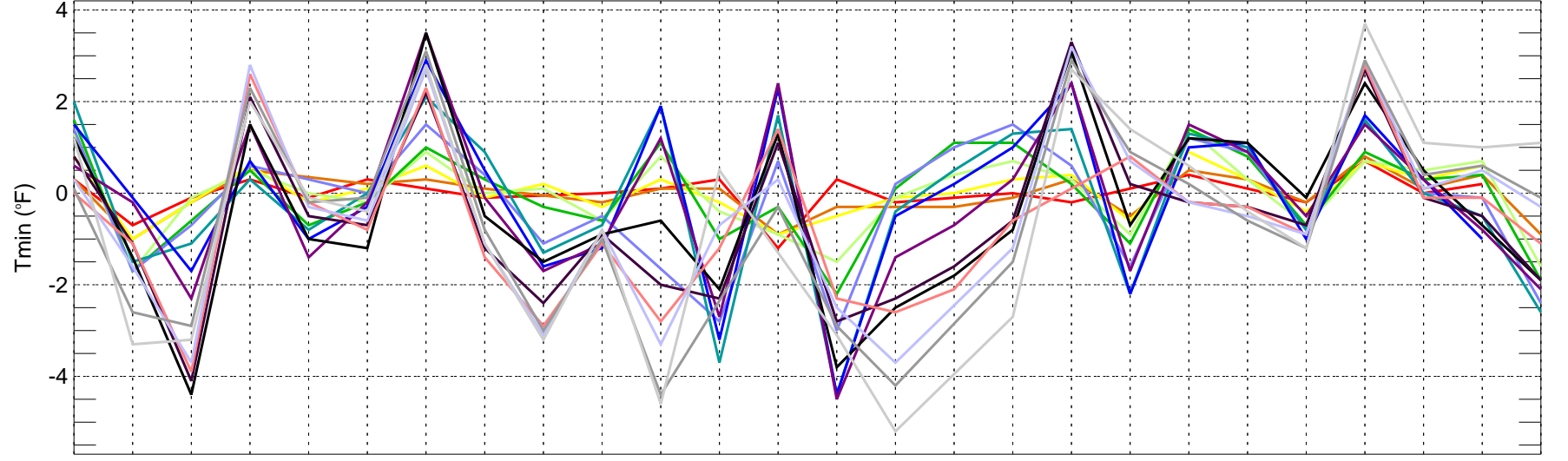


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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

ORD: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

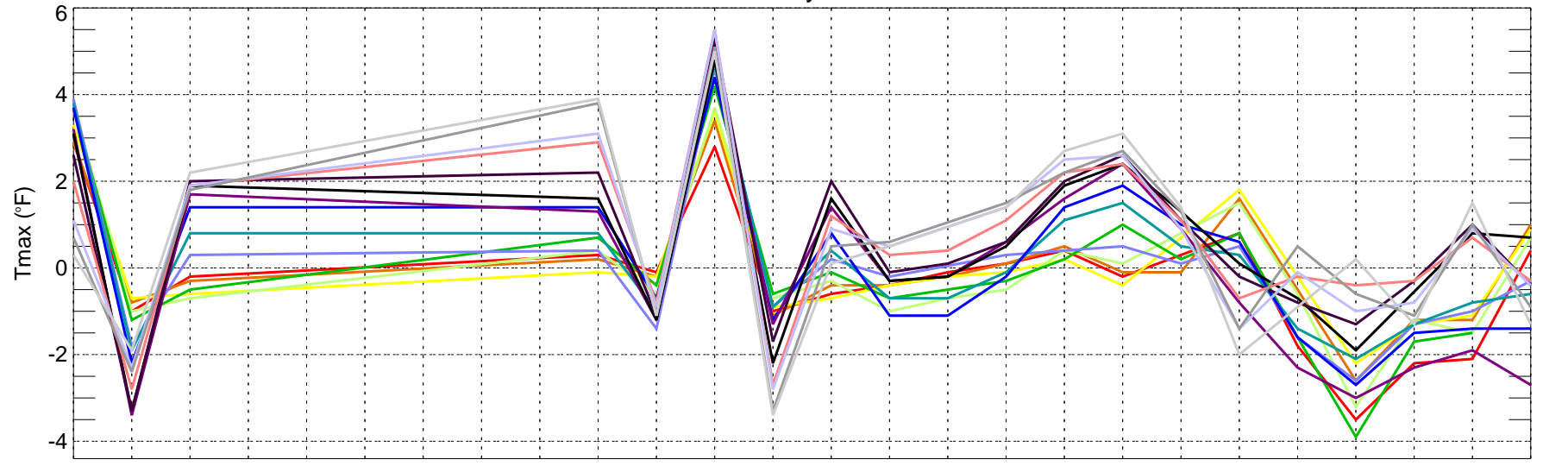


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 02-03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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

PDX: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31

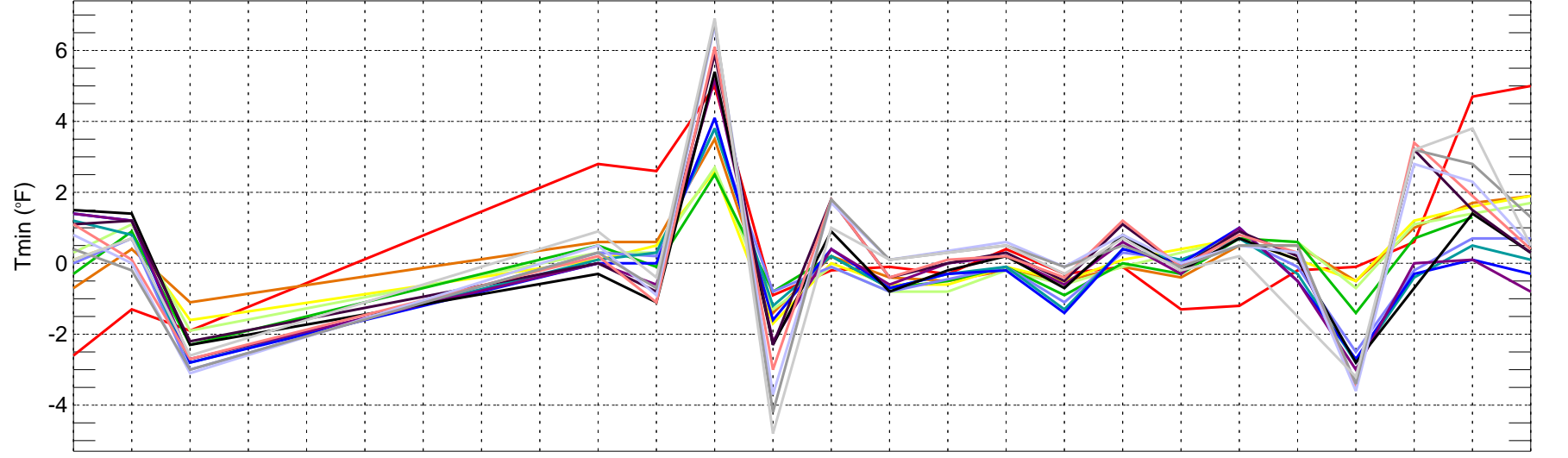


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

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

PDX: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

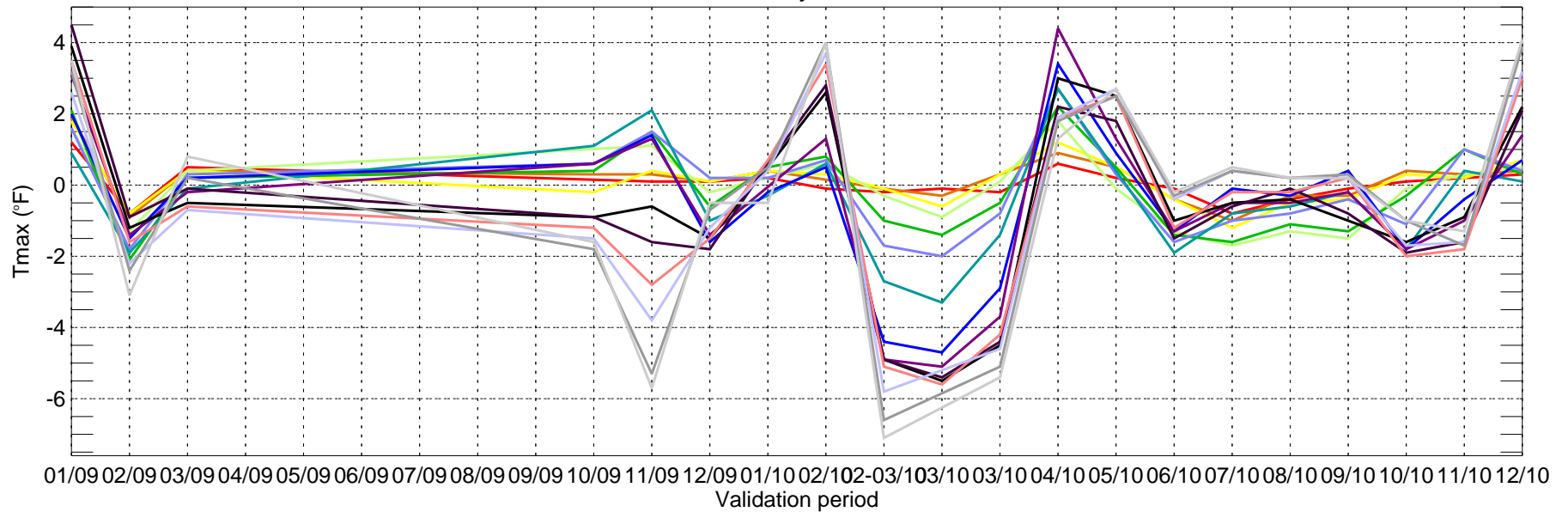


01/09 02/09 03/09 04/09 05/09 06/09 07/09 08/09 09/09 10/09 11/09 12/09 01/10 02/10 03/10 03/10 03/10 04/10 05/10 06/10 07/10 08/10 09/10 10/10 11/10 12/10

Validation period

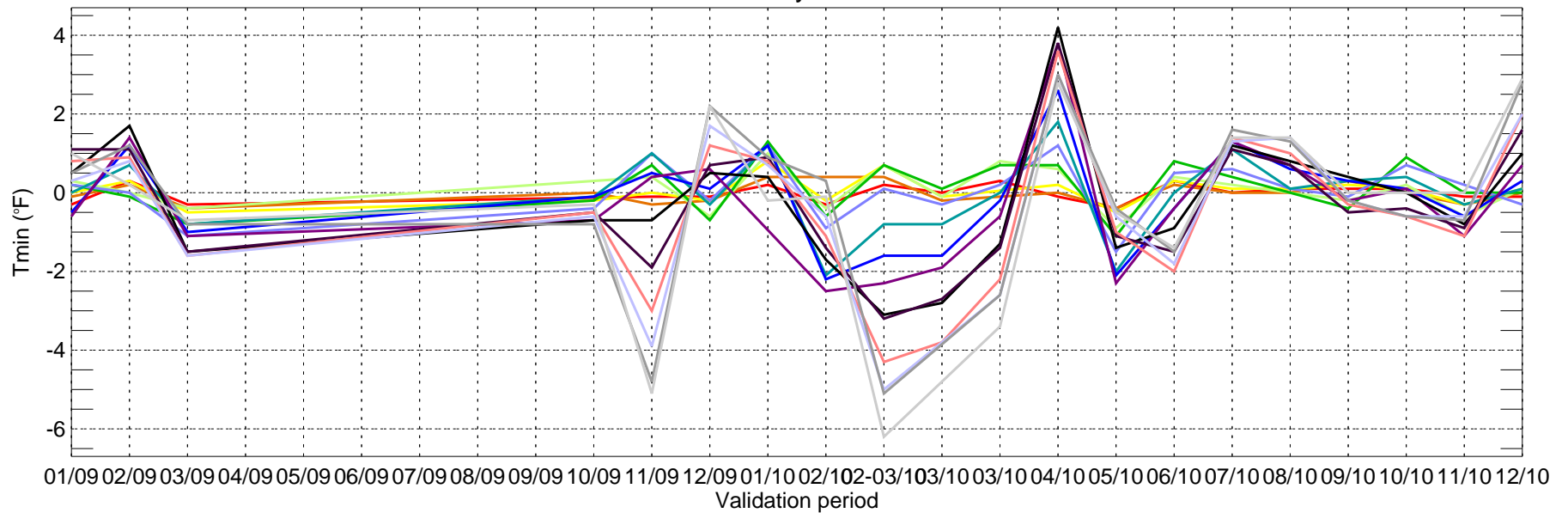
- day1 day2 day3 day4 day5 day6 day7 day8 day9 day10
- day11 day12 day13 day14 day15

PHL: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



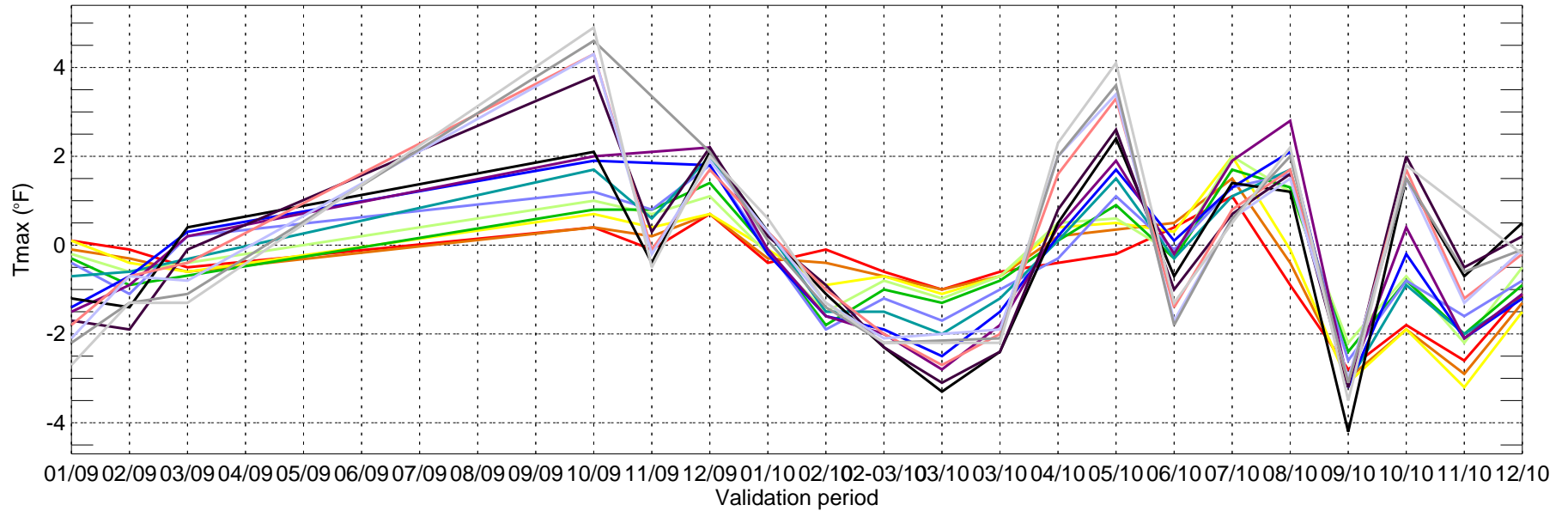
- day1
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- day14
- day15

PHL: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



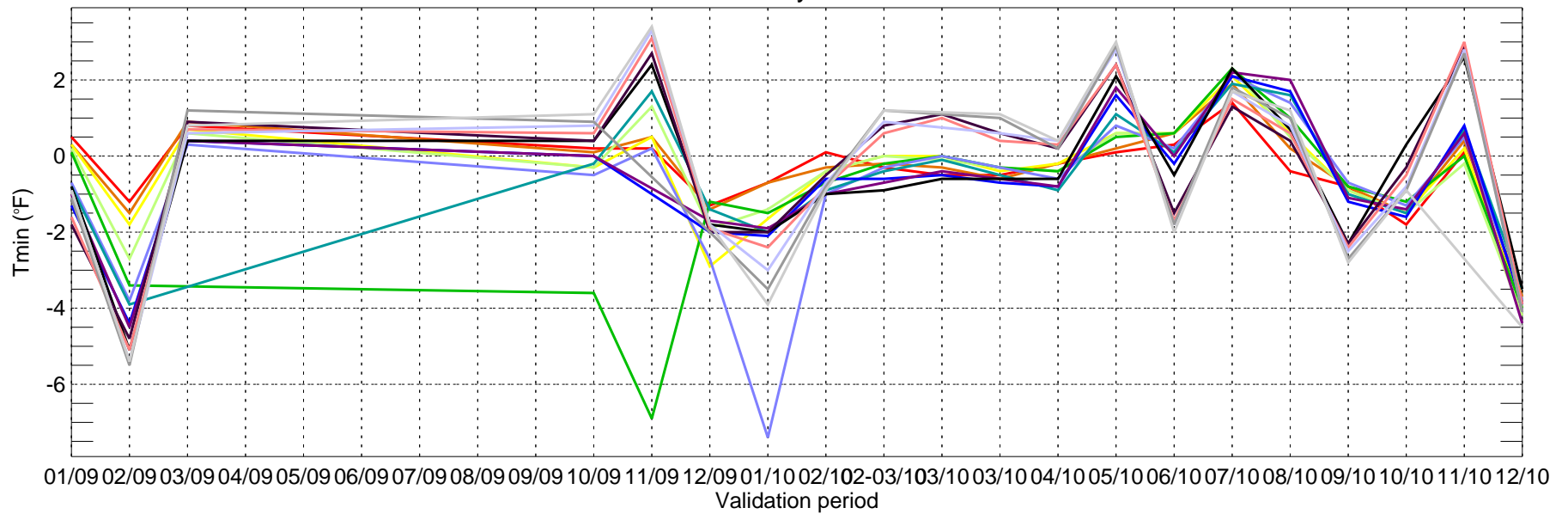
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- day14
- day15

SAC: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



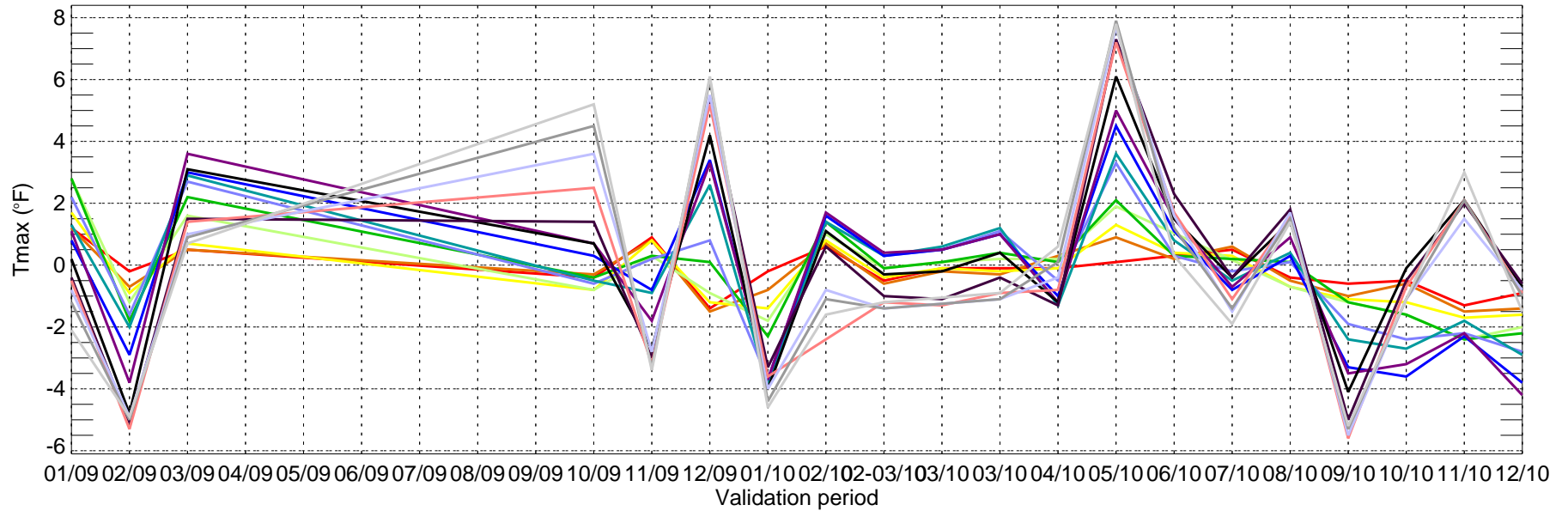
- day1
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- day14
- day15

SAC: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



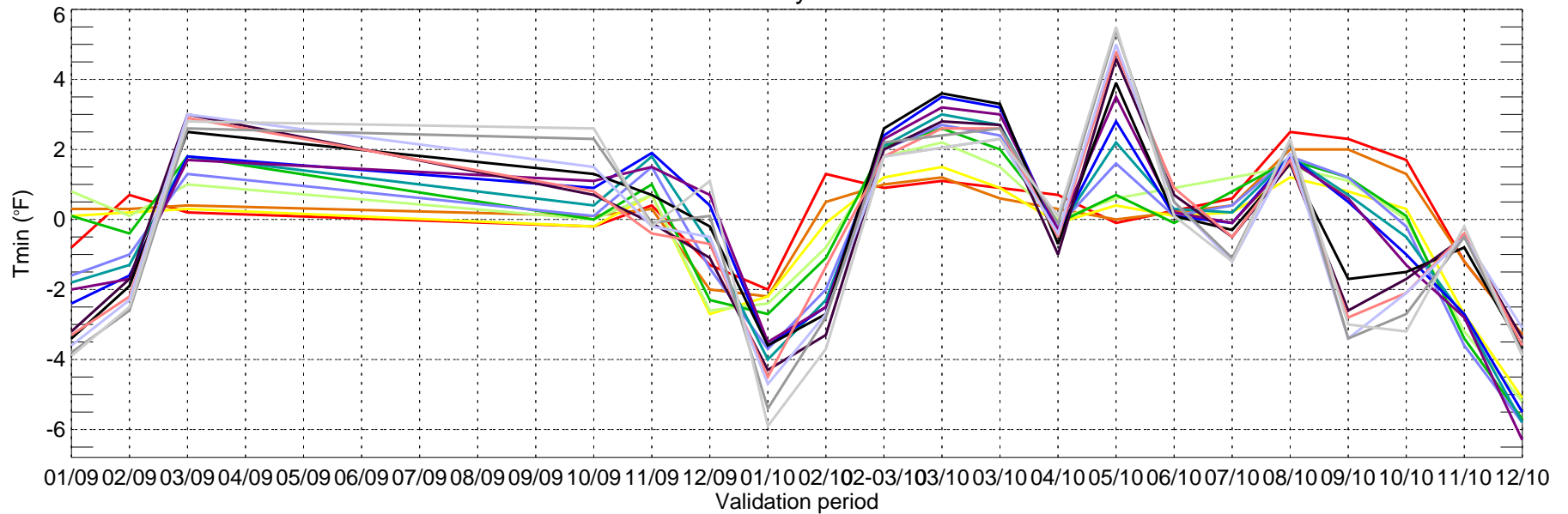
- day1
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- day14
- day15

SLC: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



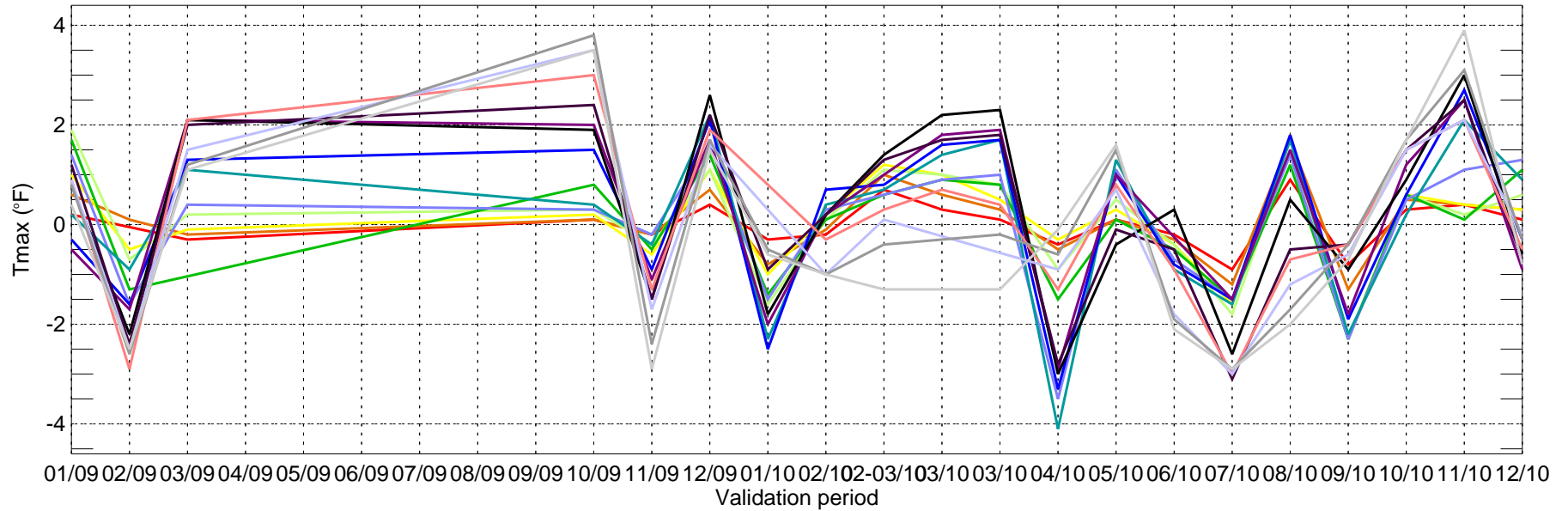
- day1
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- day15

SLC: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31



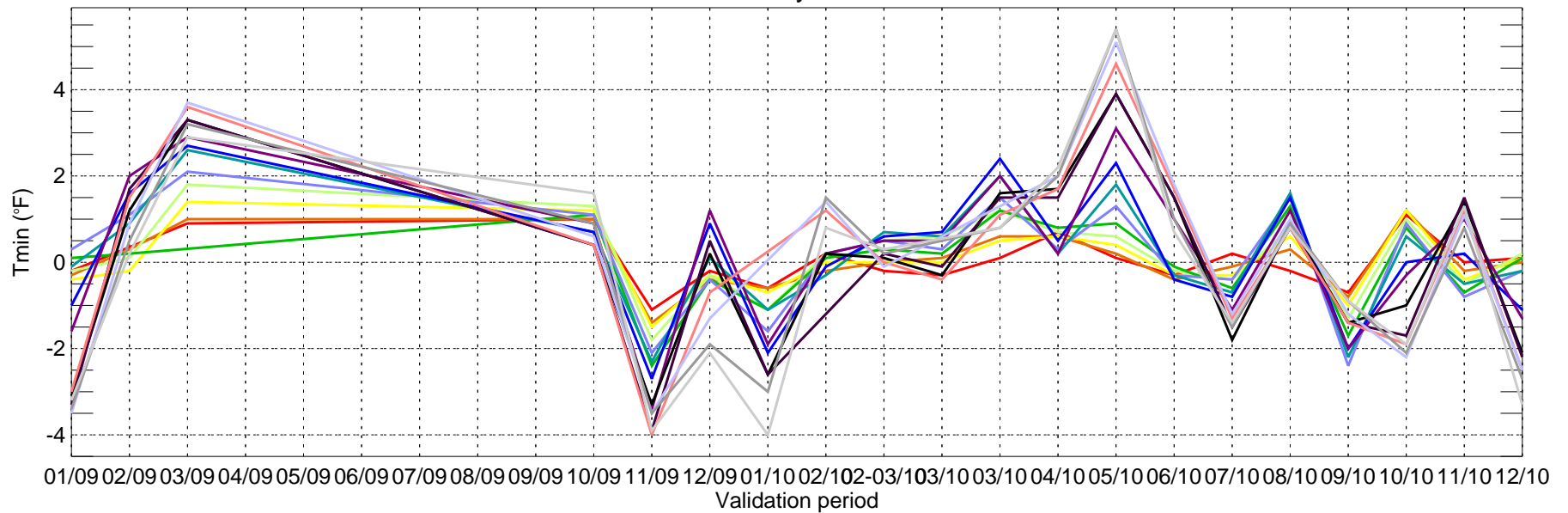
- day1
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- day14
- day15

TUS: ECMWF BIAS of Tmax for Monthly Period from 2009-01-01 ~ 2010-12-31



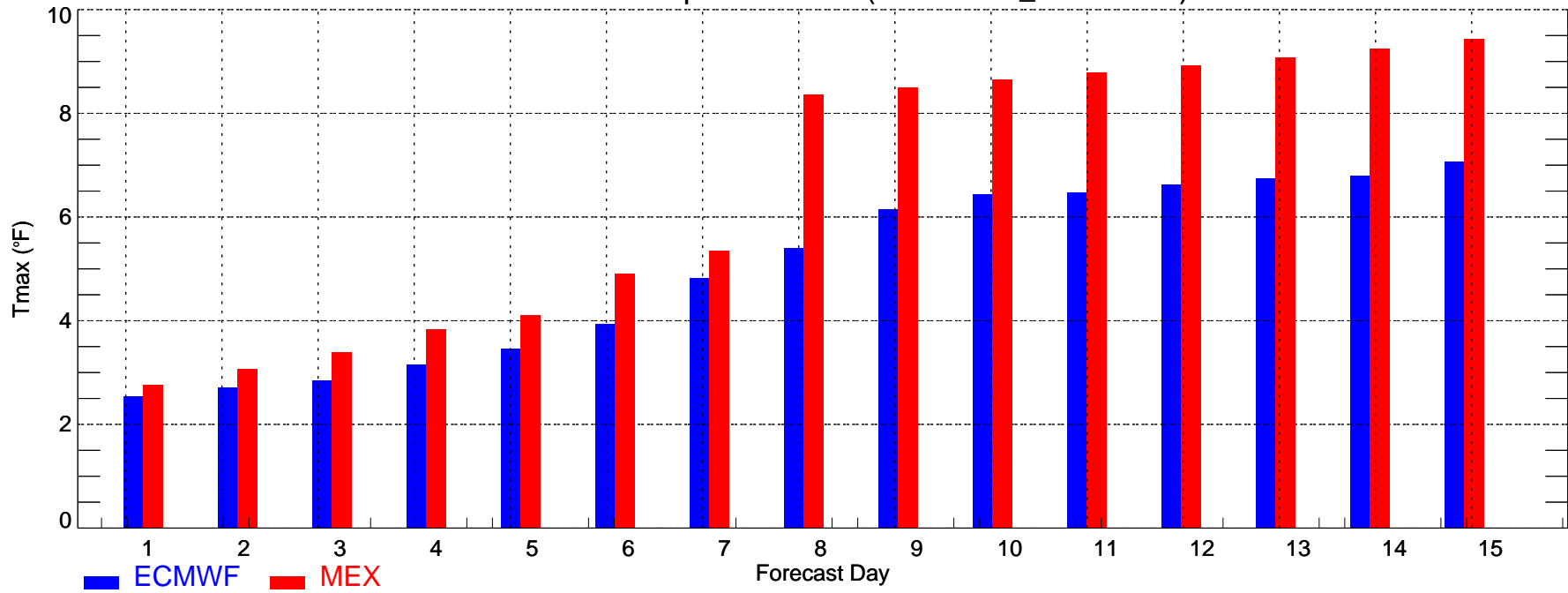
- day1
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- day14
- day15

TUS: ECMWF BIAS of Tmin for Monthly Period from 2009-01-01 ~ 2010-12-31

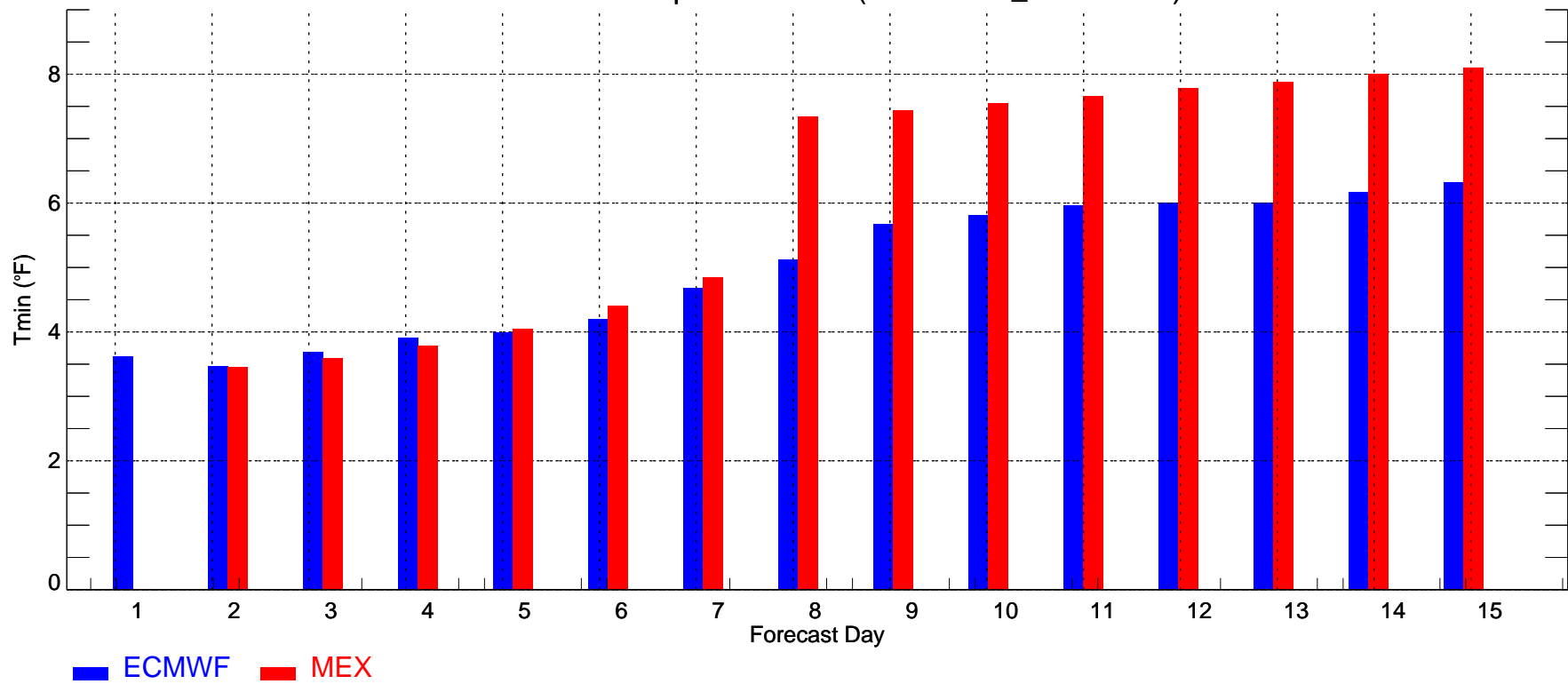


- day1
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- day14
- day15

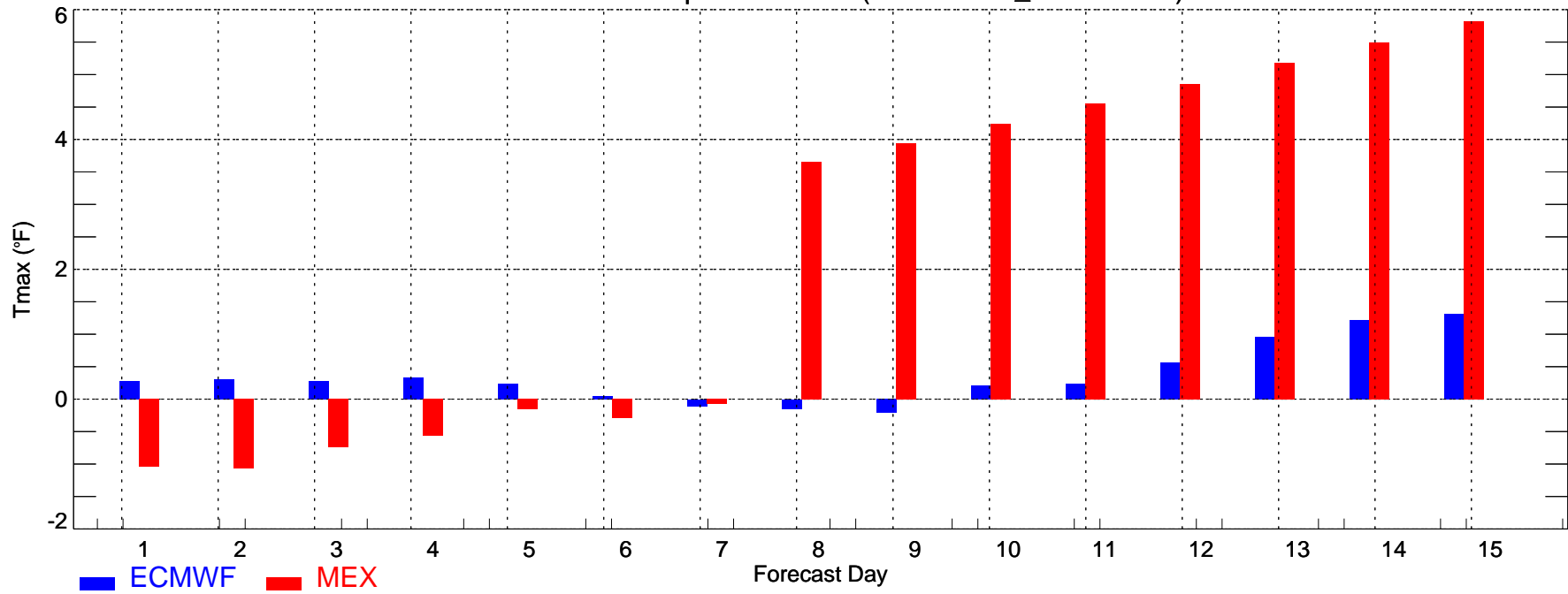
CME18: Max Temperature MAE (2010-12-01\_2010-12-31)



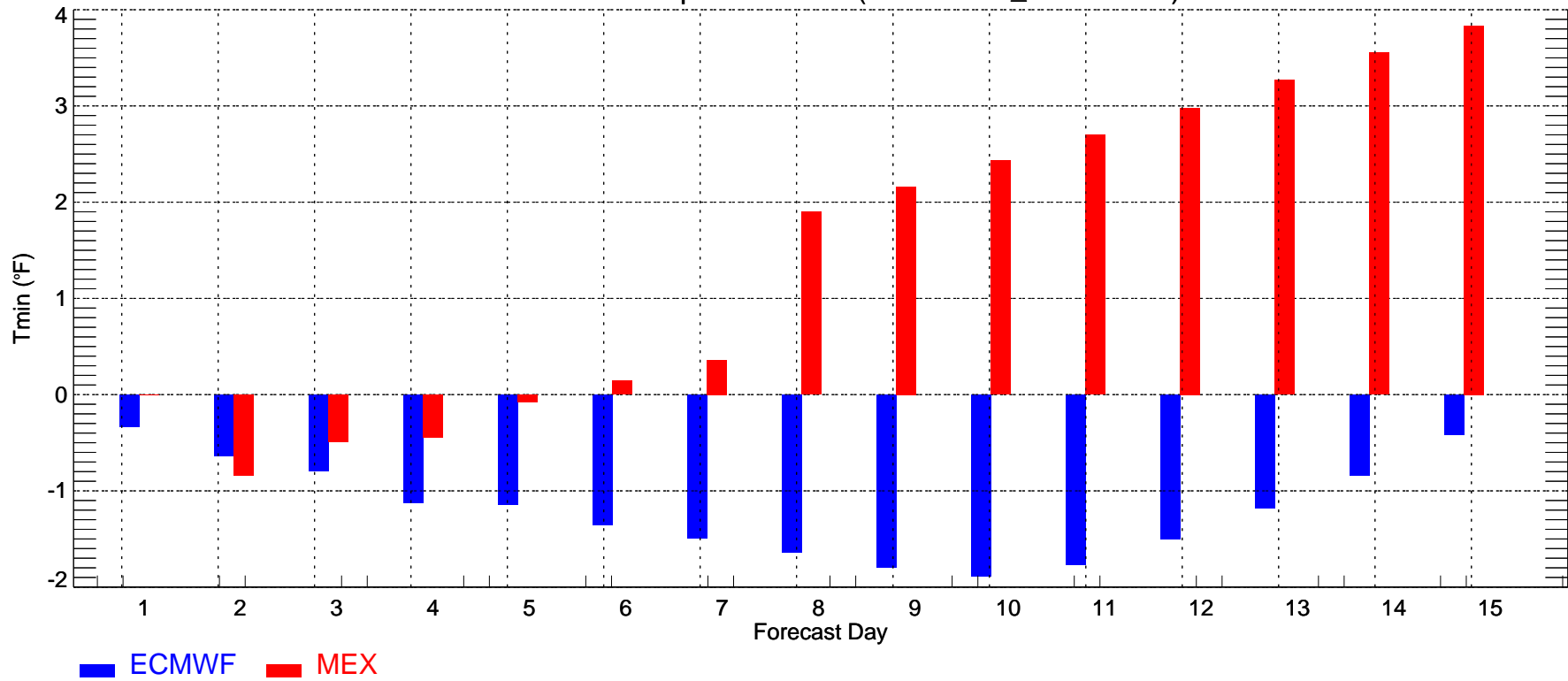
CME18: Min Temperature MAE (2010-12-01\_2010-12-31)



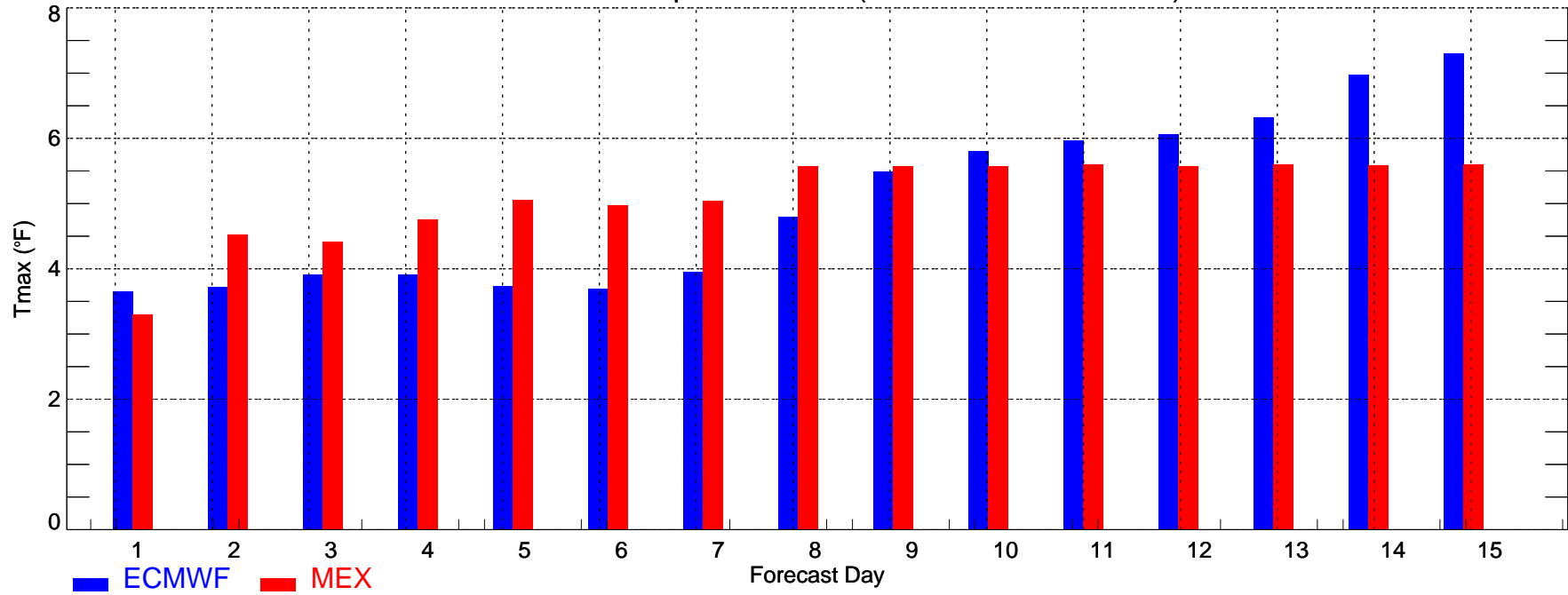
CME18: Max Temperature Bias (2010-12-01\_2010-12-31)



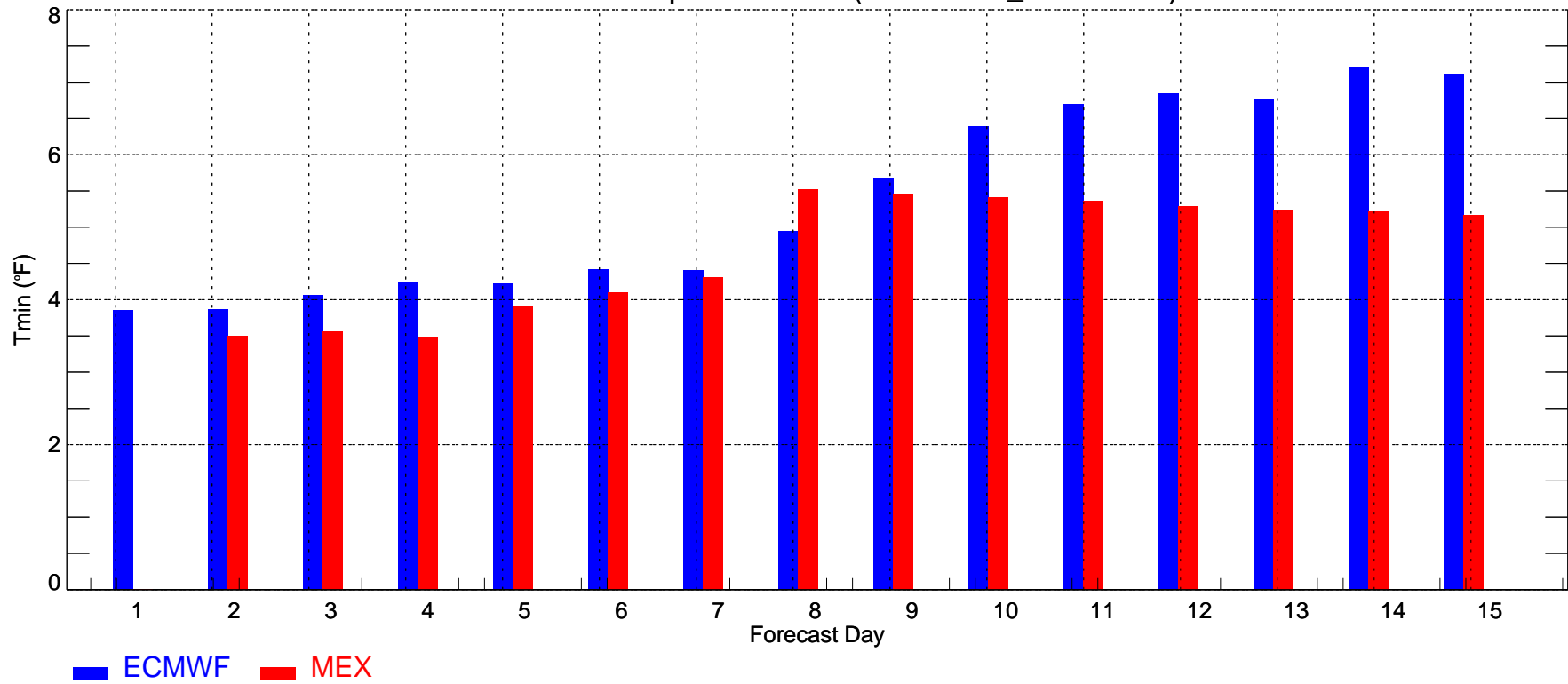
CME18: Min Temperature Bias (2010-12-01\_2010-12-31)



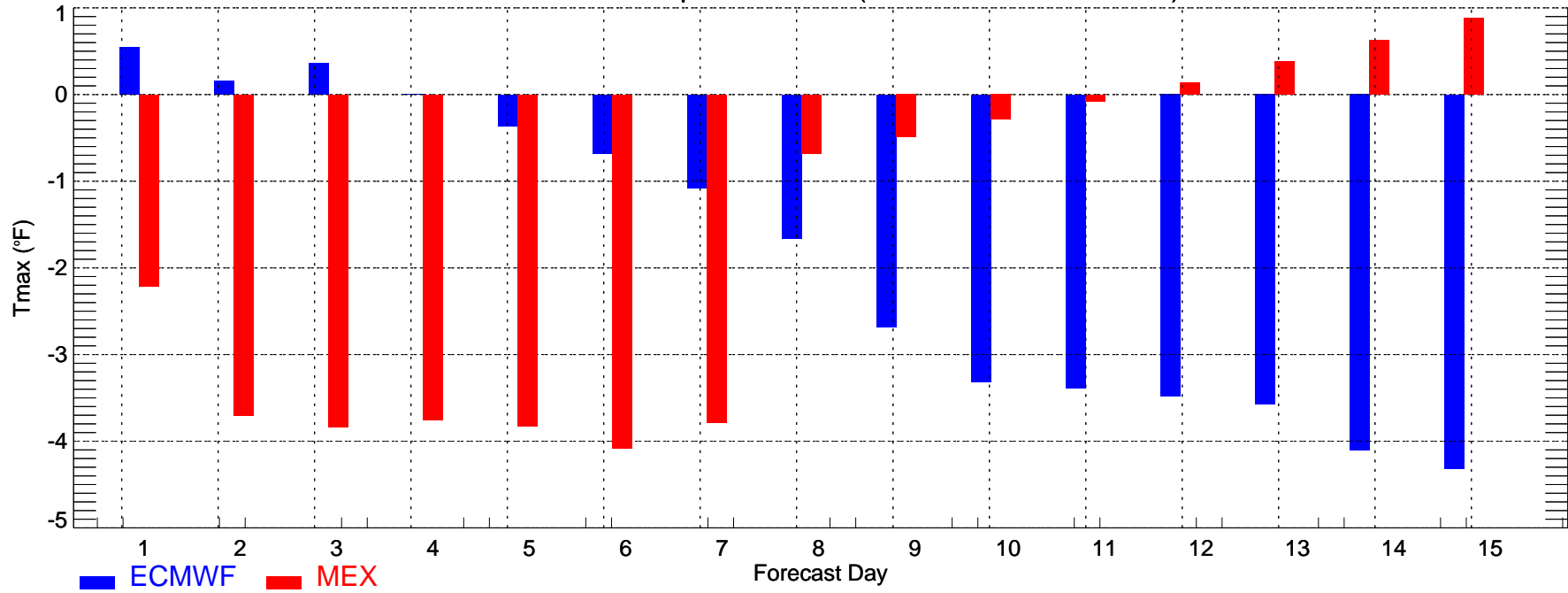
USNW: Max Temperature MAE (2010-12-01\_2010-12-31)



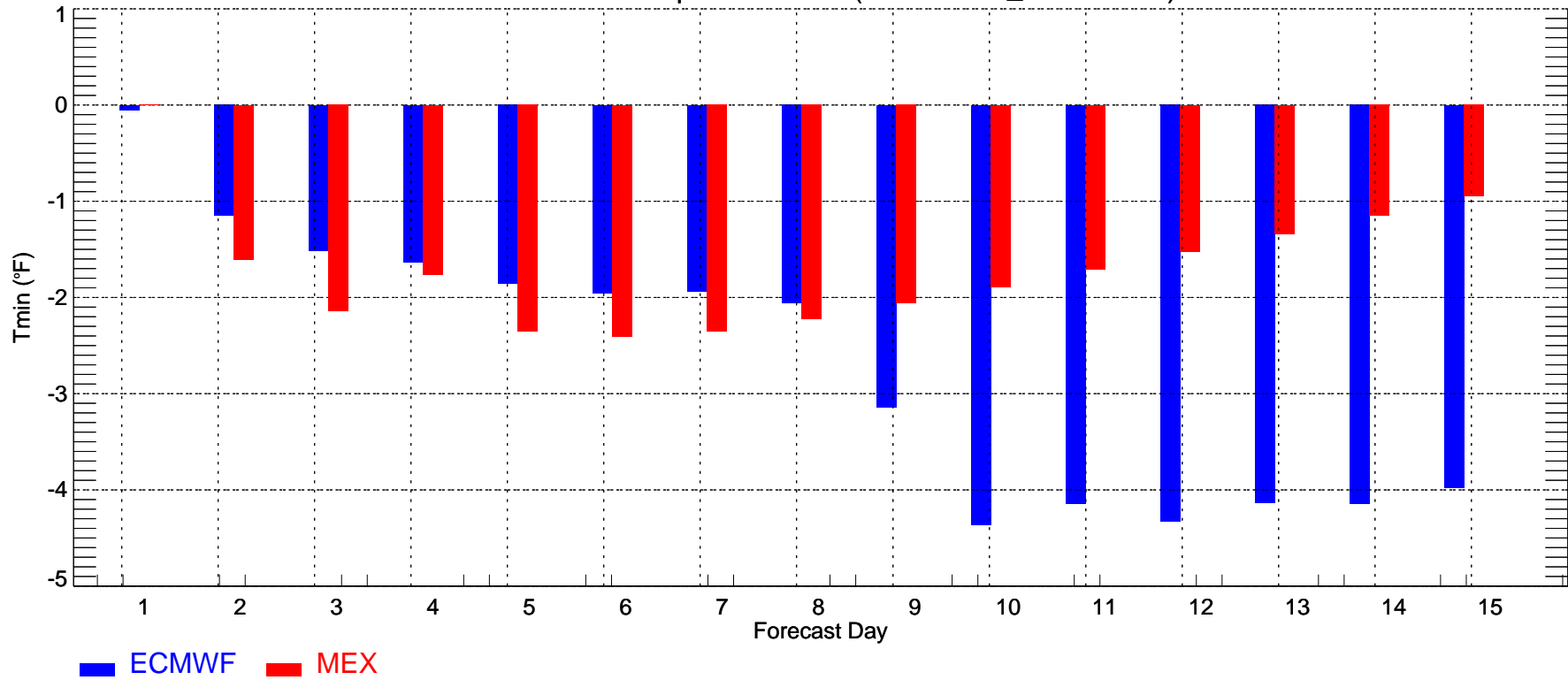
USNW: Min Temperature MAE (2010-12-01\_2010-12-31)



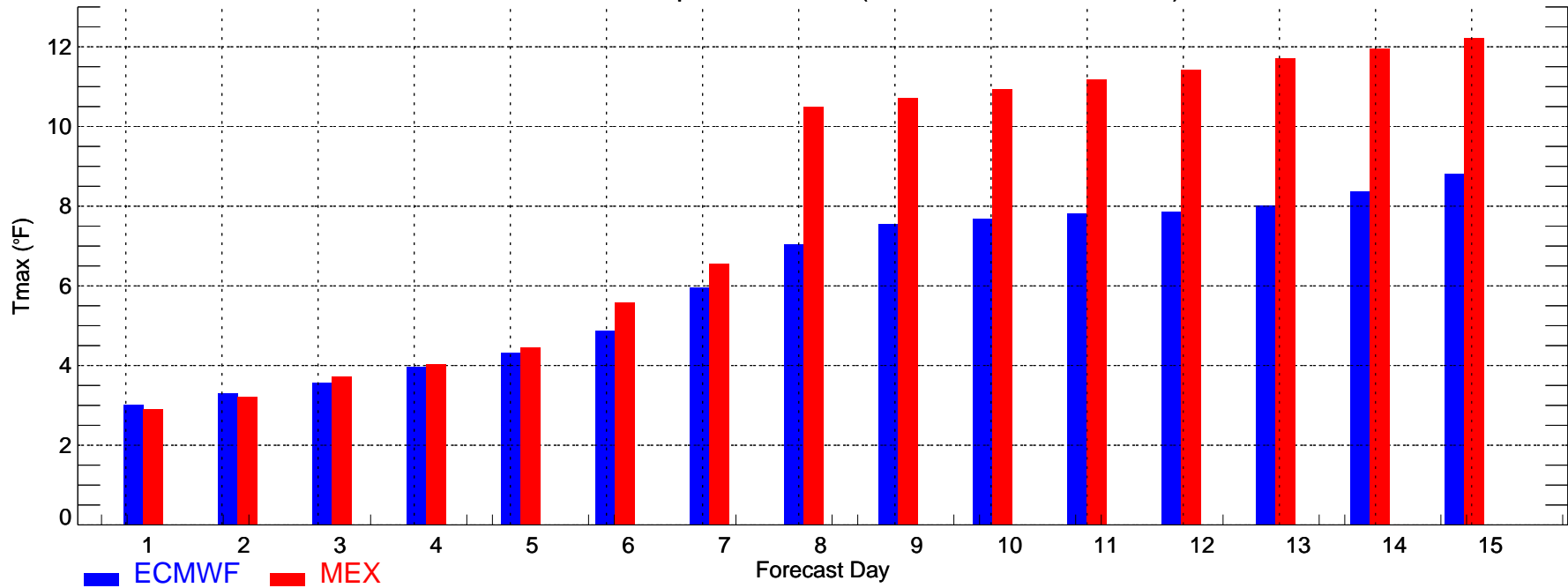
USNW: Max Temperature Bias (2010-12-01\_2010-12-31)



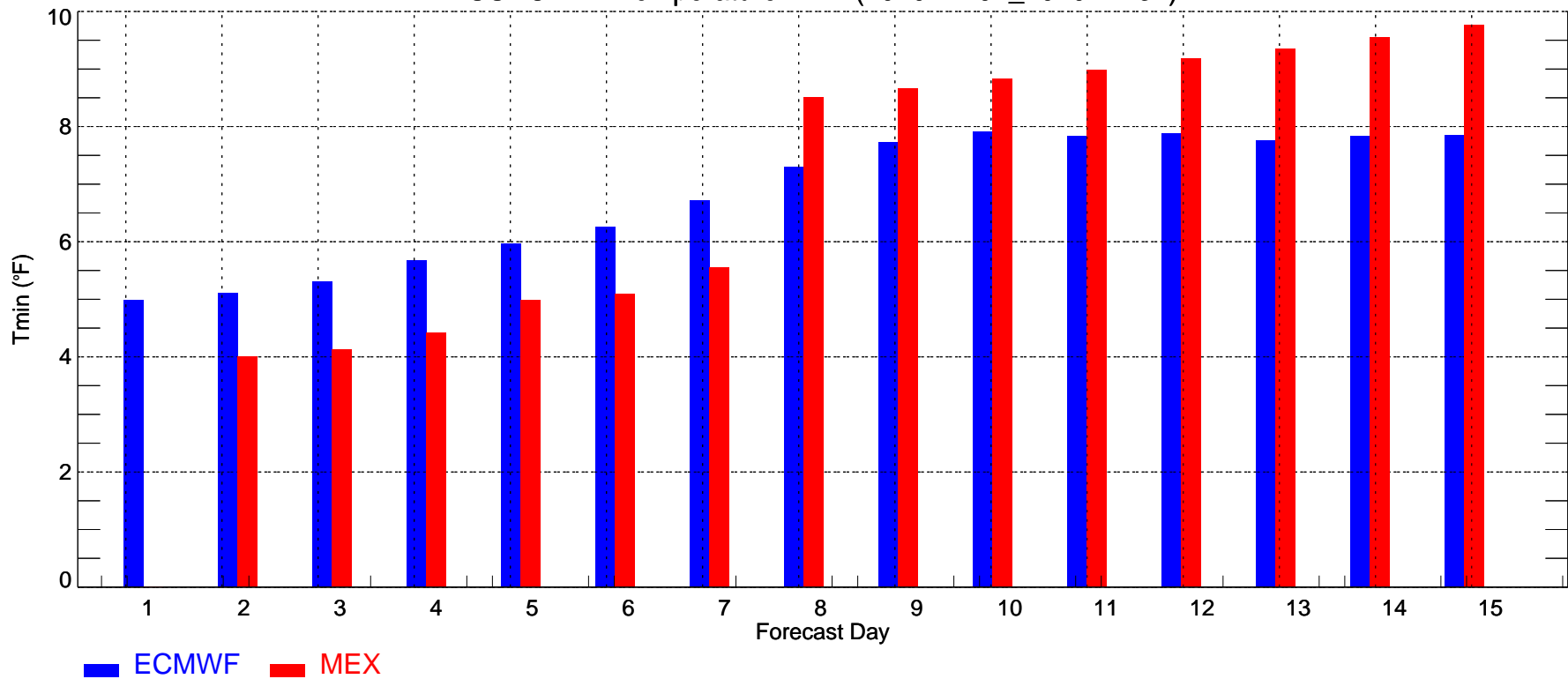
USNW: Min Temperature Bias (2010-12-01\_2010-12-31)



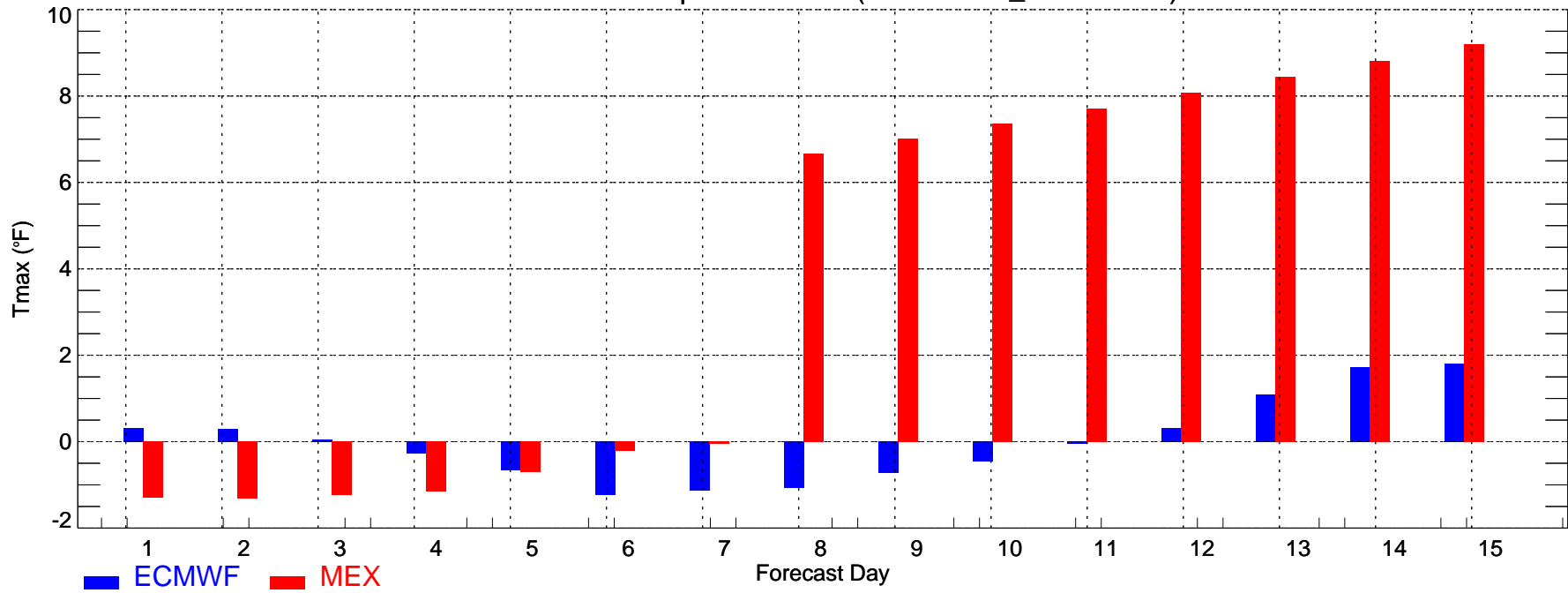
USNC: Max Temperature MAE (2010-12-01\_2010-12-31)



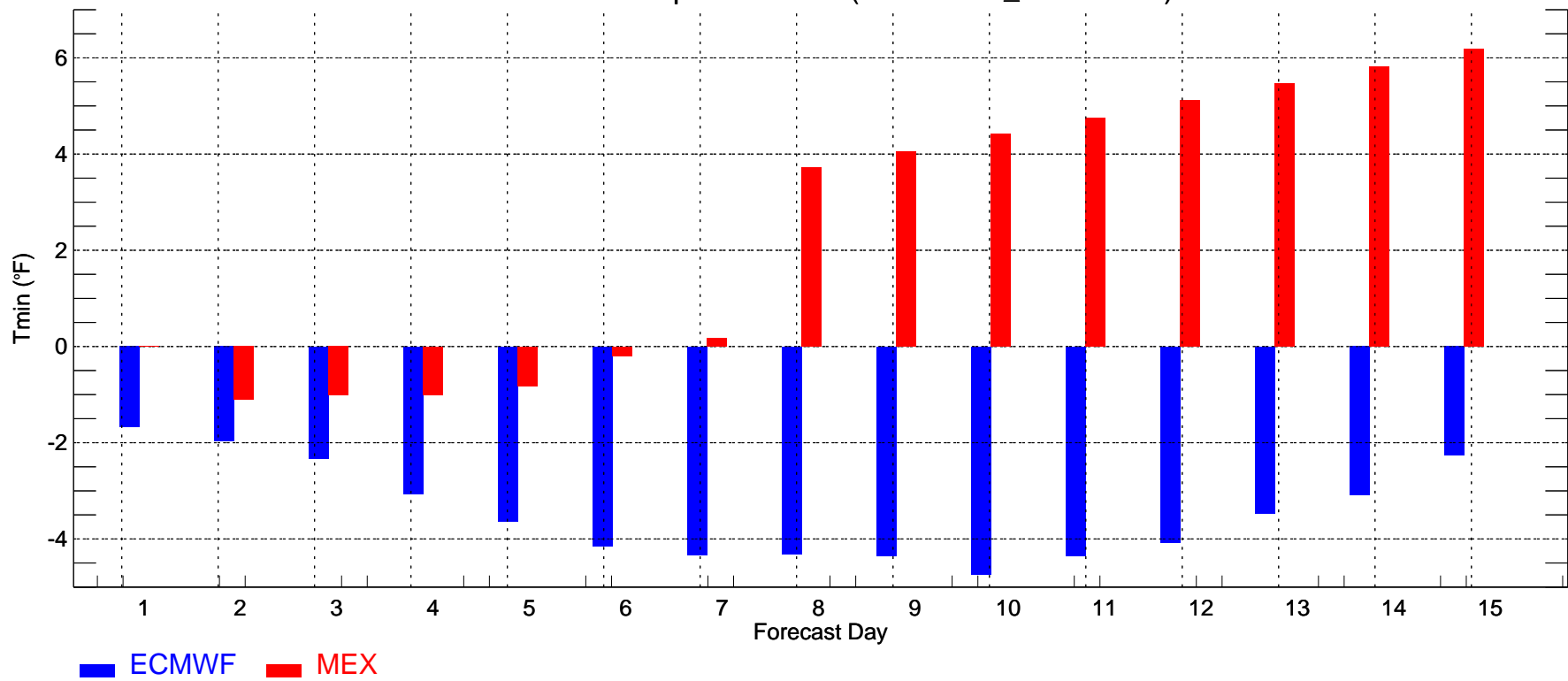
USNC: Min Temperature MAE (2010-12-01\_2010-12-31)



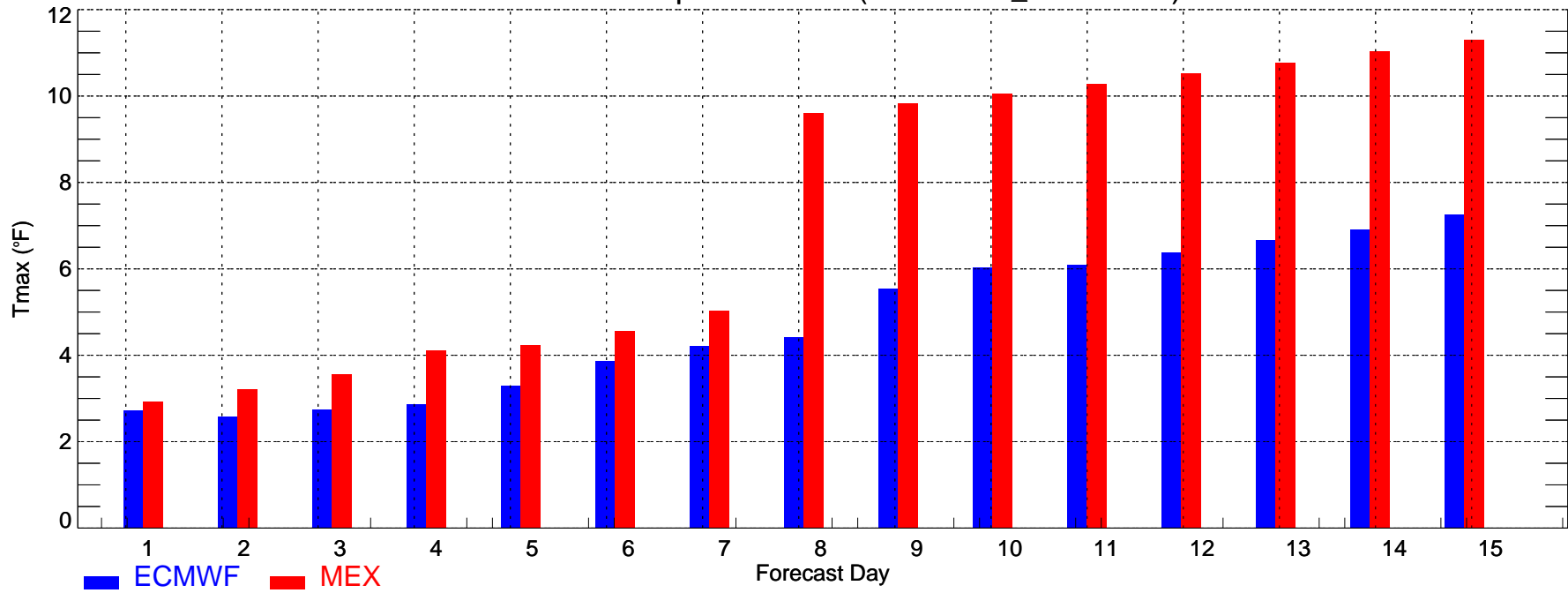
USNC: Max Temperature Bias (2010-12-01\_2010-12-31)



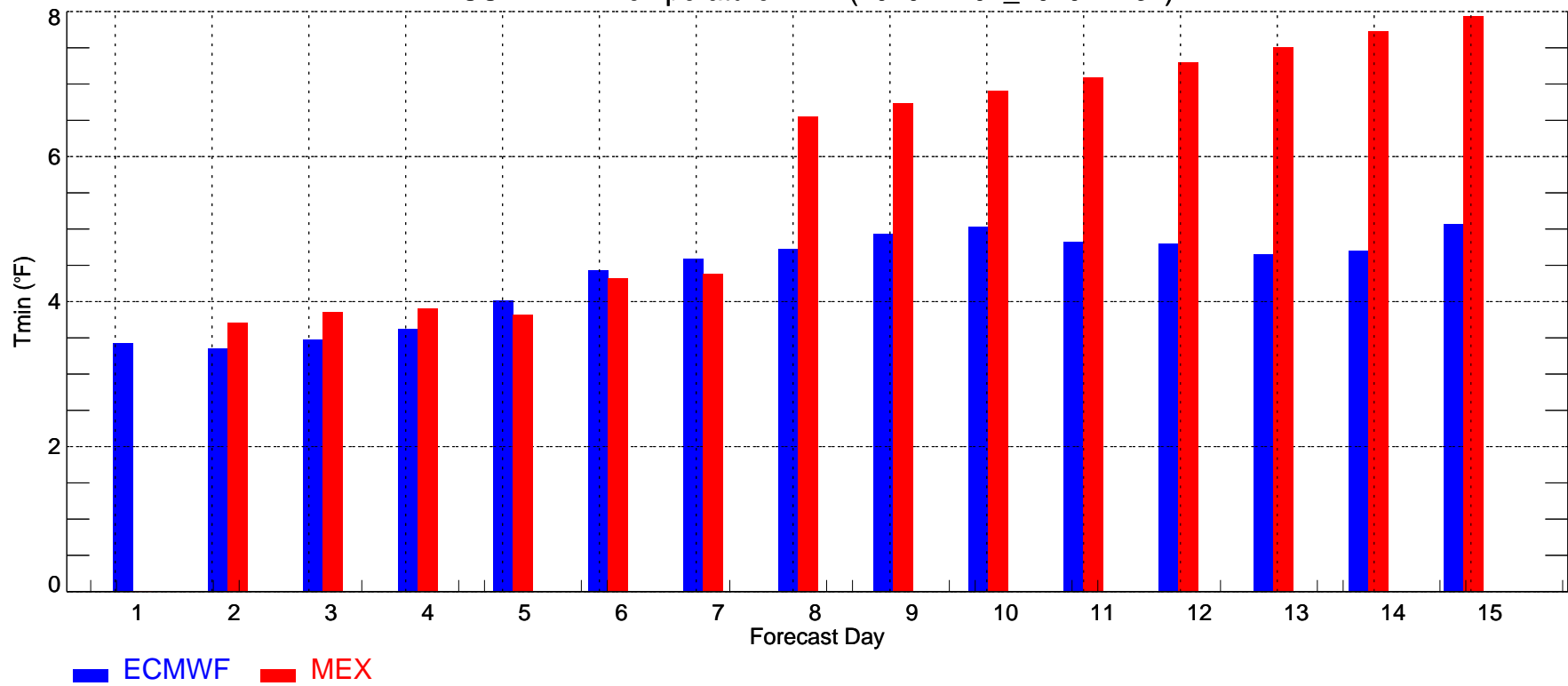
USNC: Min Temperature Bias (2010-12-01\_2010-12-31)



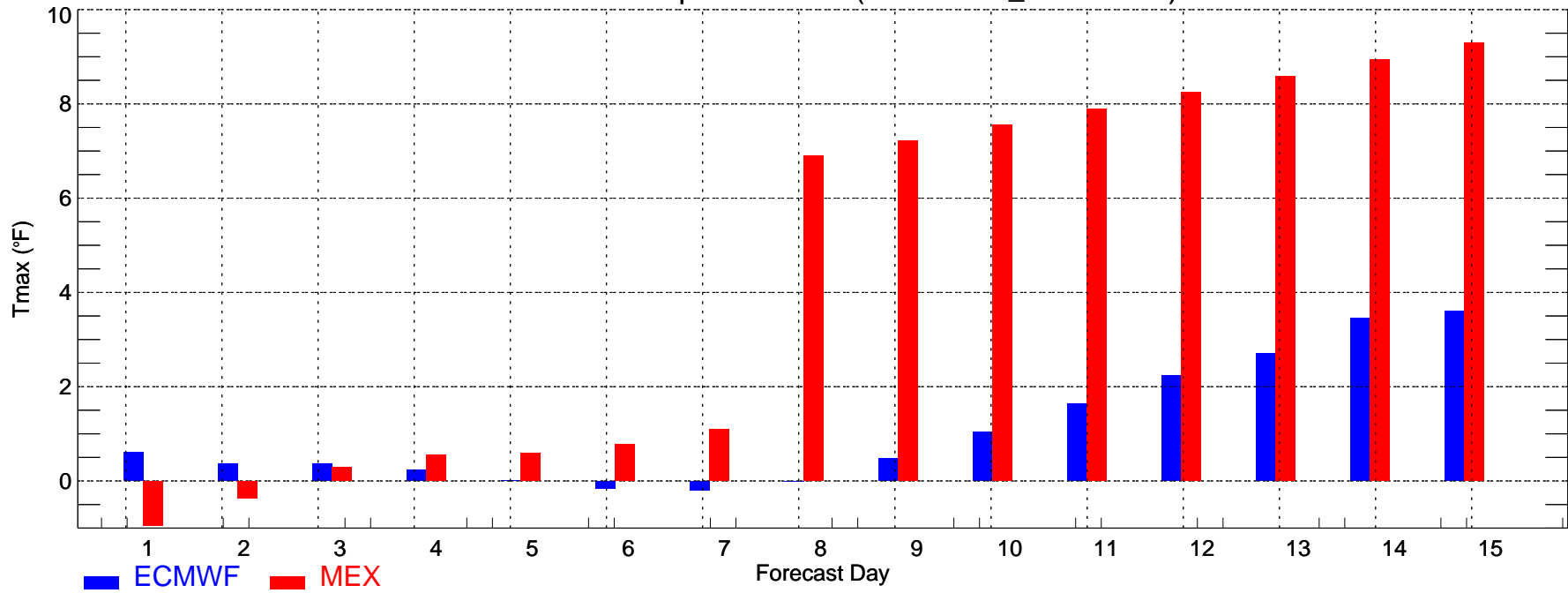
USNE: Max Temperature MAE (2010-12-01\_2010-12-31)



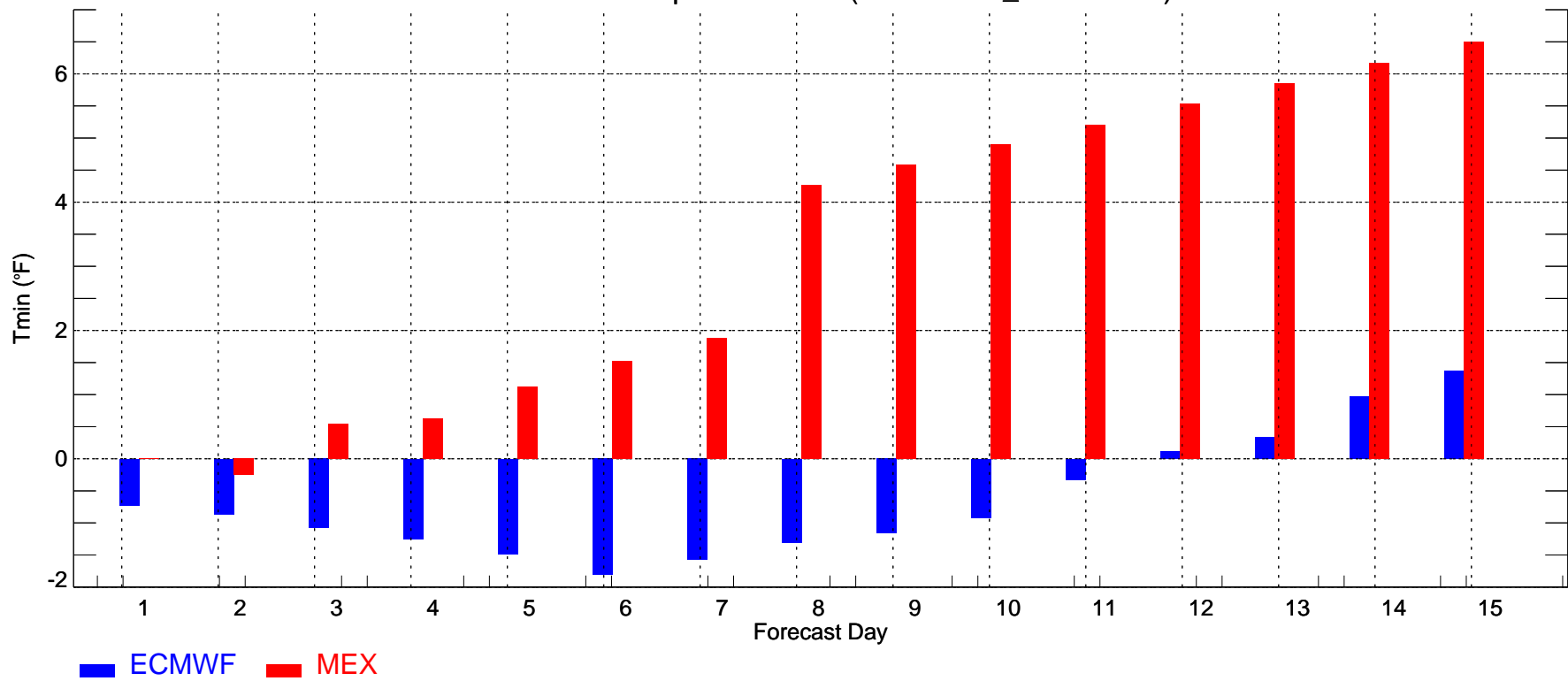
USNE: Min Temperature MAE (2010-12-01\_2010-12-31)



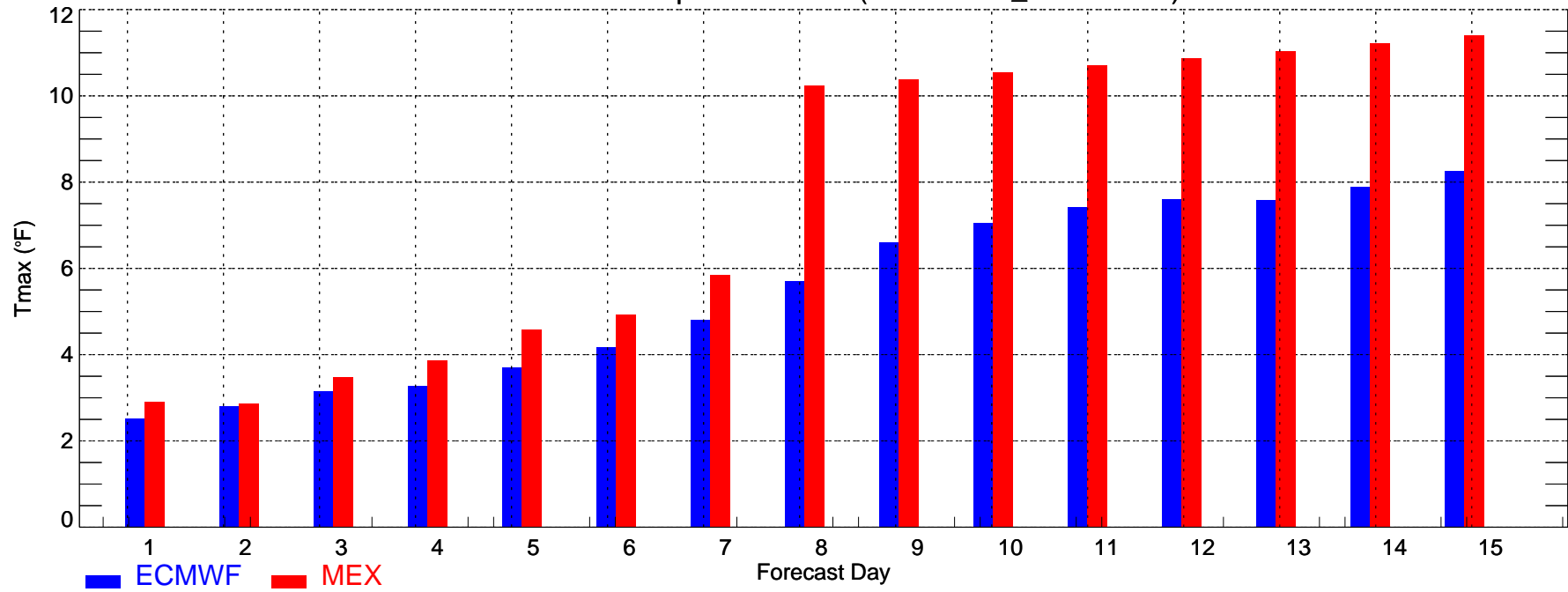
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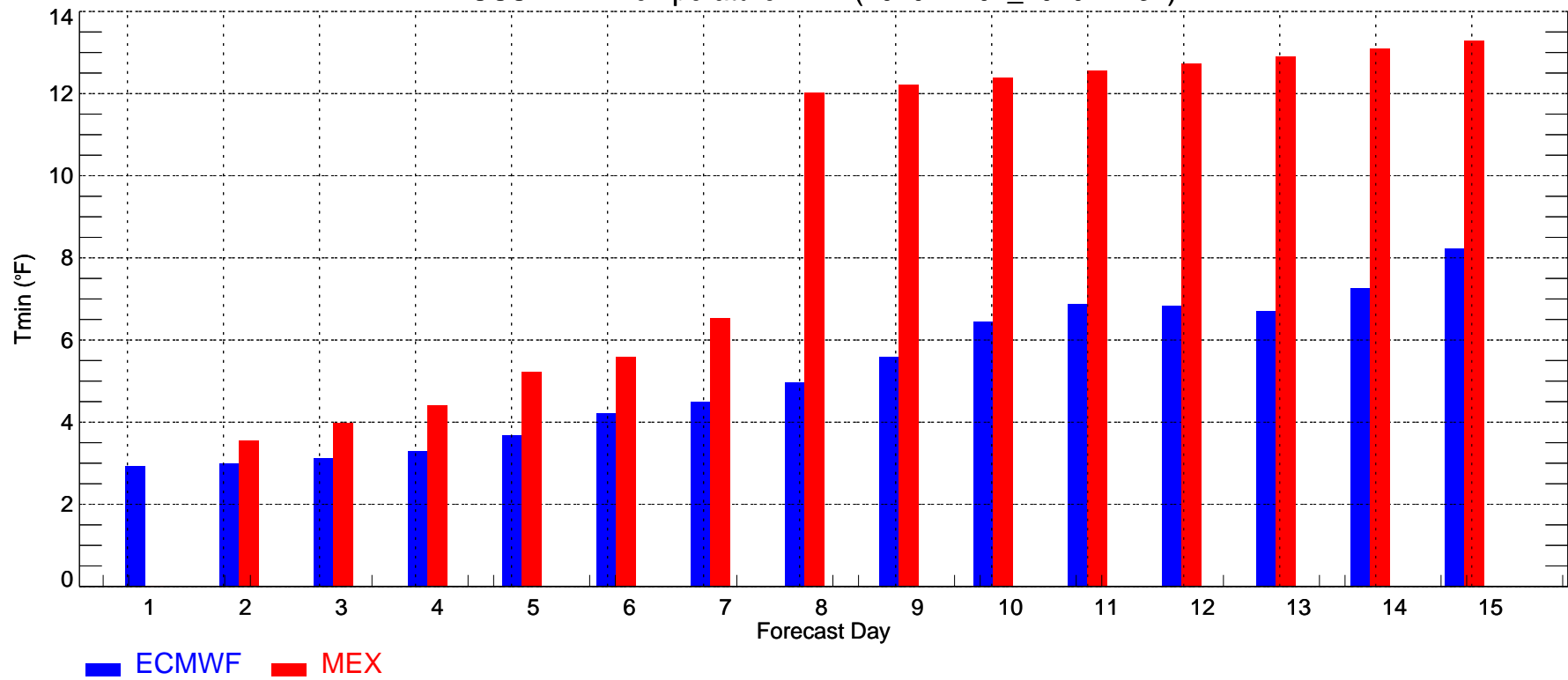
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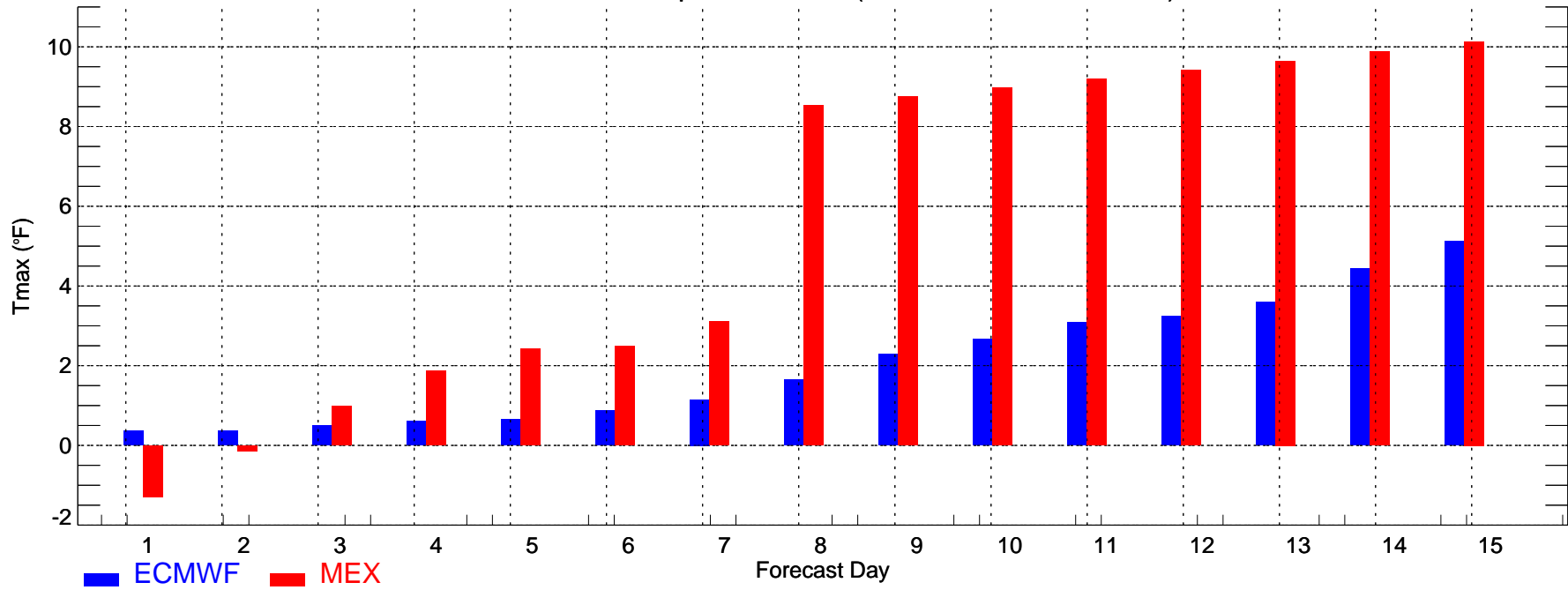
USSE: Max Temperature MAE (2010-12-01\_2010-12-31)



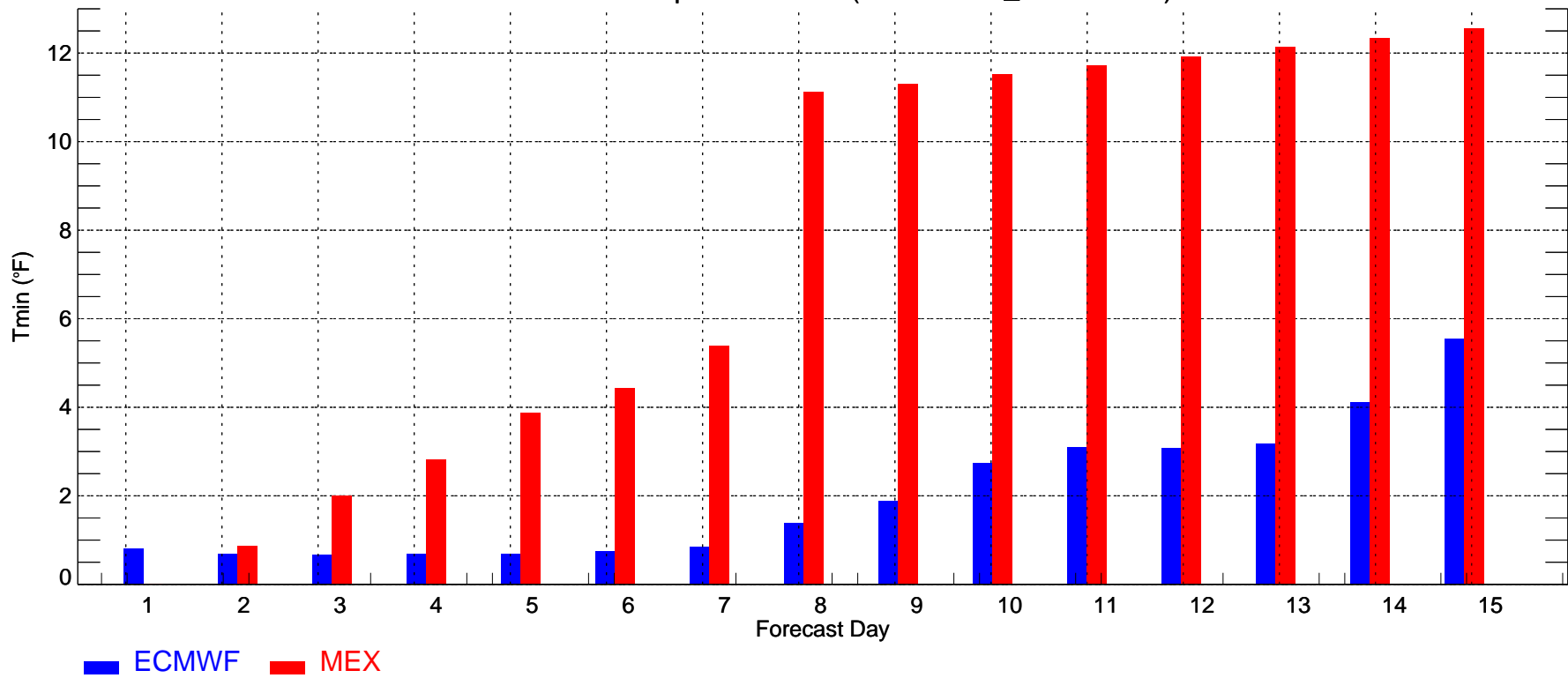
USSE: Min Temperature MAE (2010-12-01\_2010-12-31)



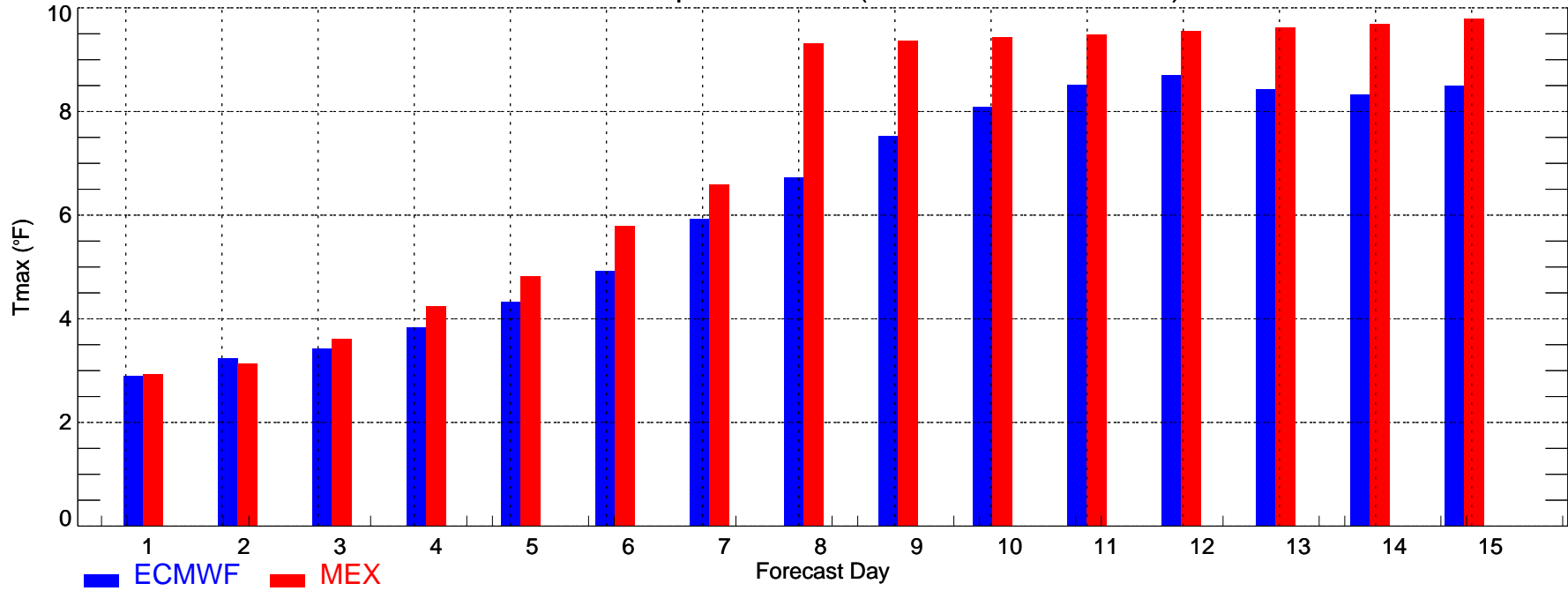
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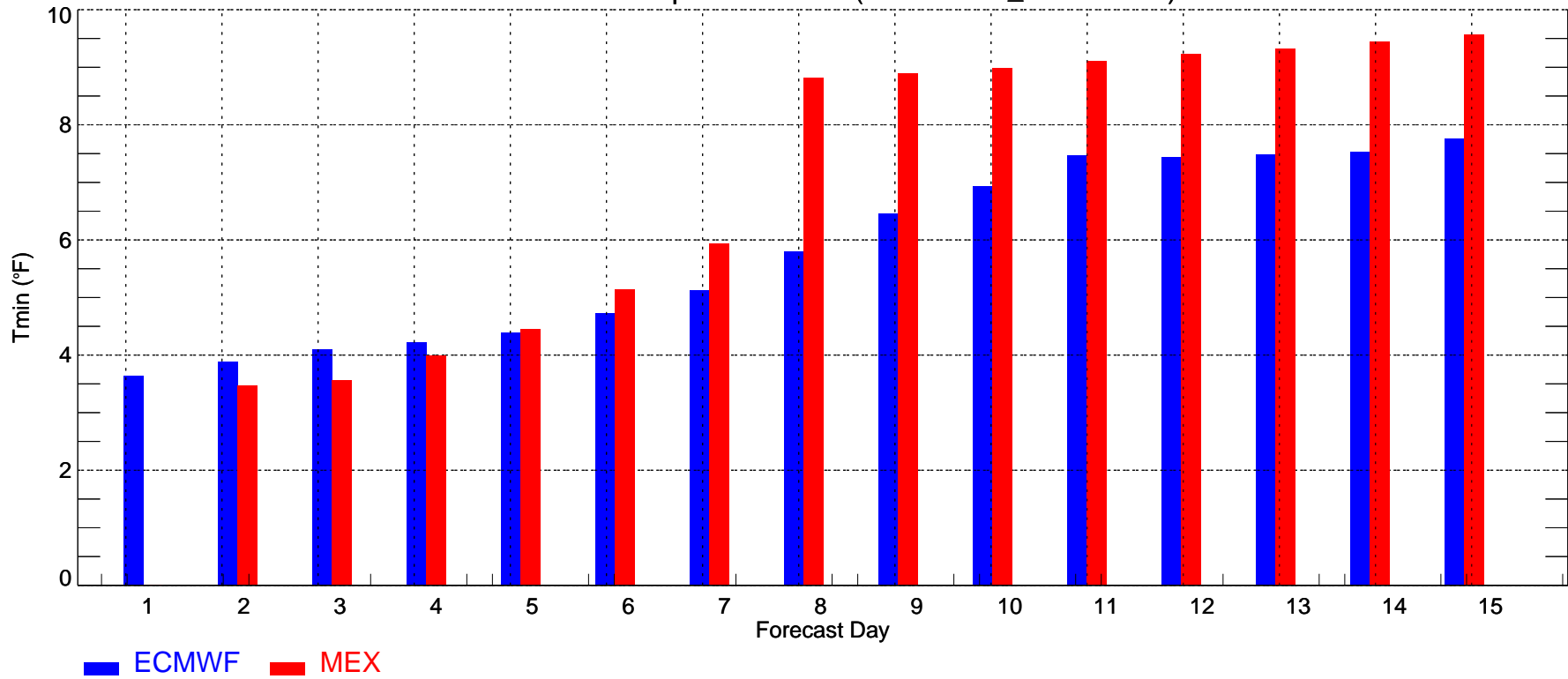
USSE: Min Temperature Bias (2010-12-01\_2010-12-31)



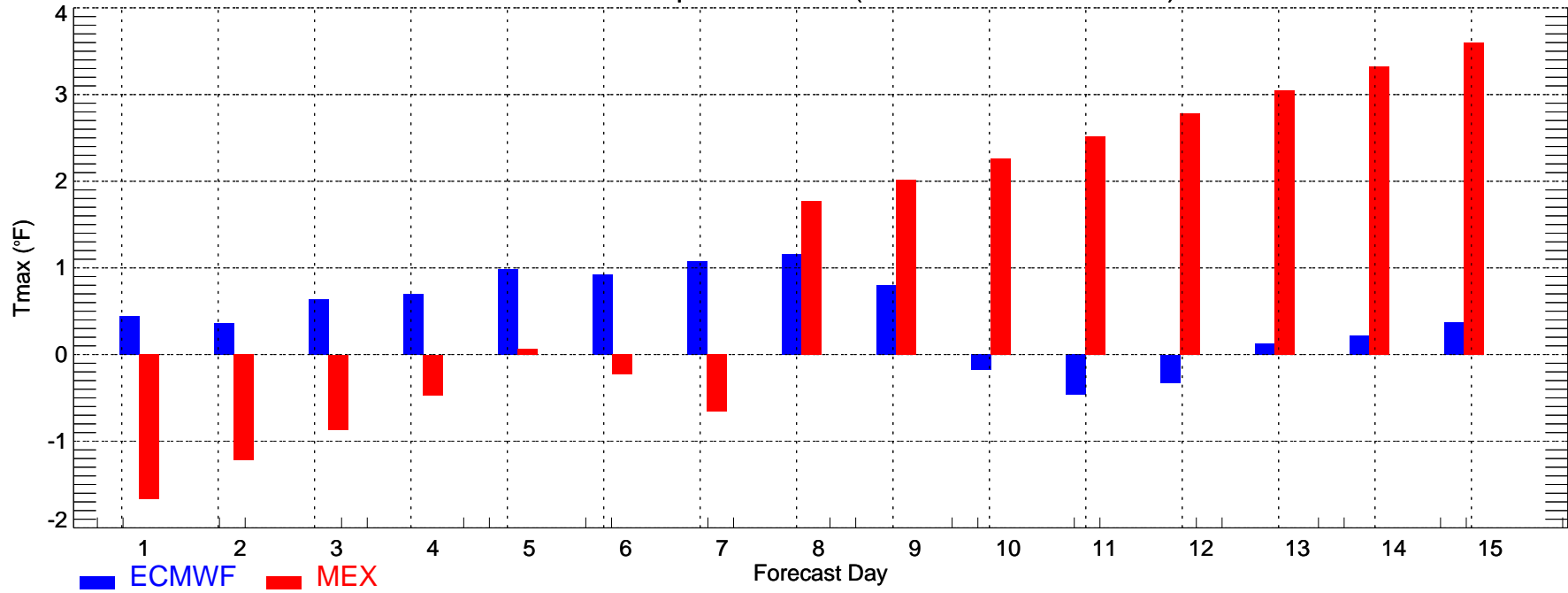
USSC: Max Temperature MAE (2010-12-01\_2010-12-31)



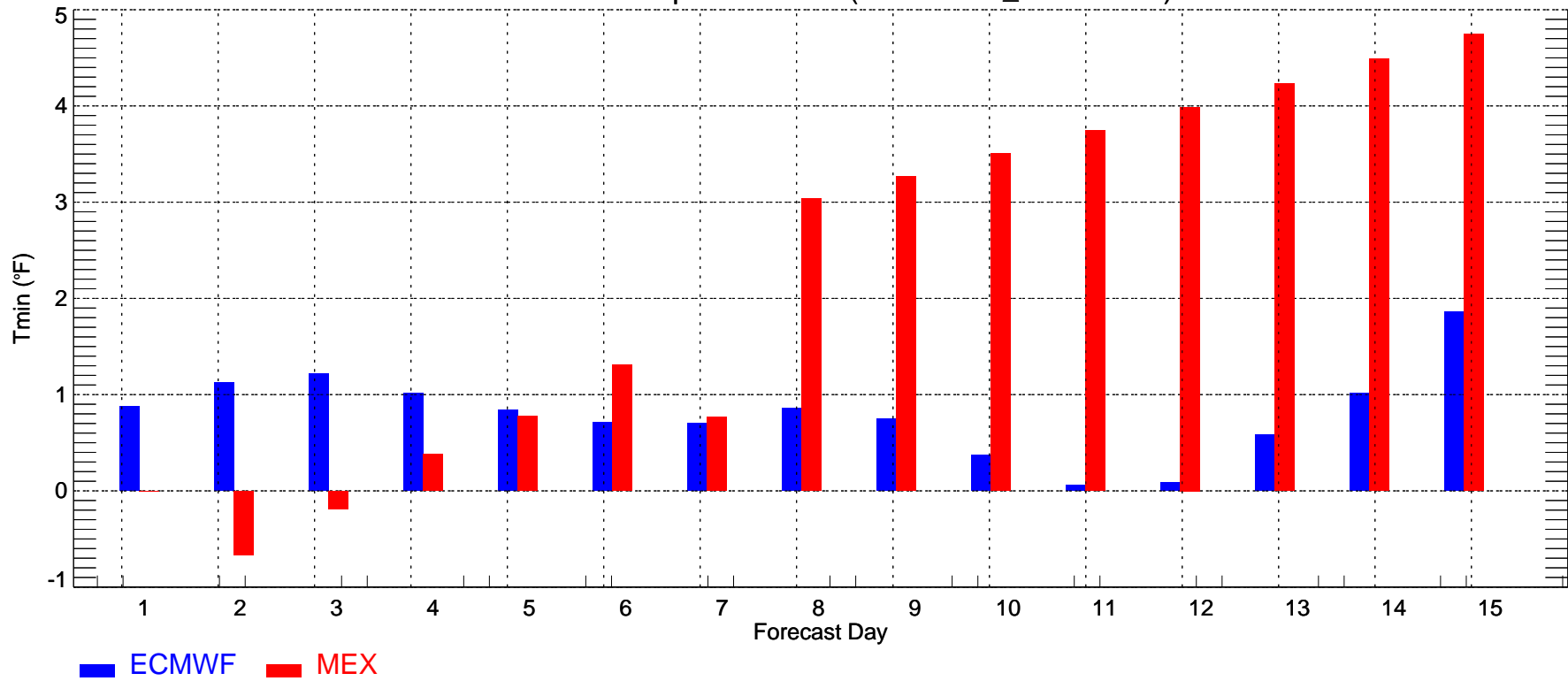
USSC: Min Temperature MAE (2010-12-01\_2010-12-31)



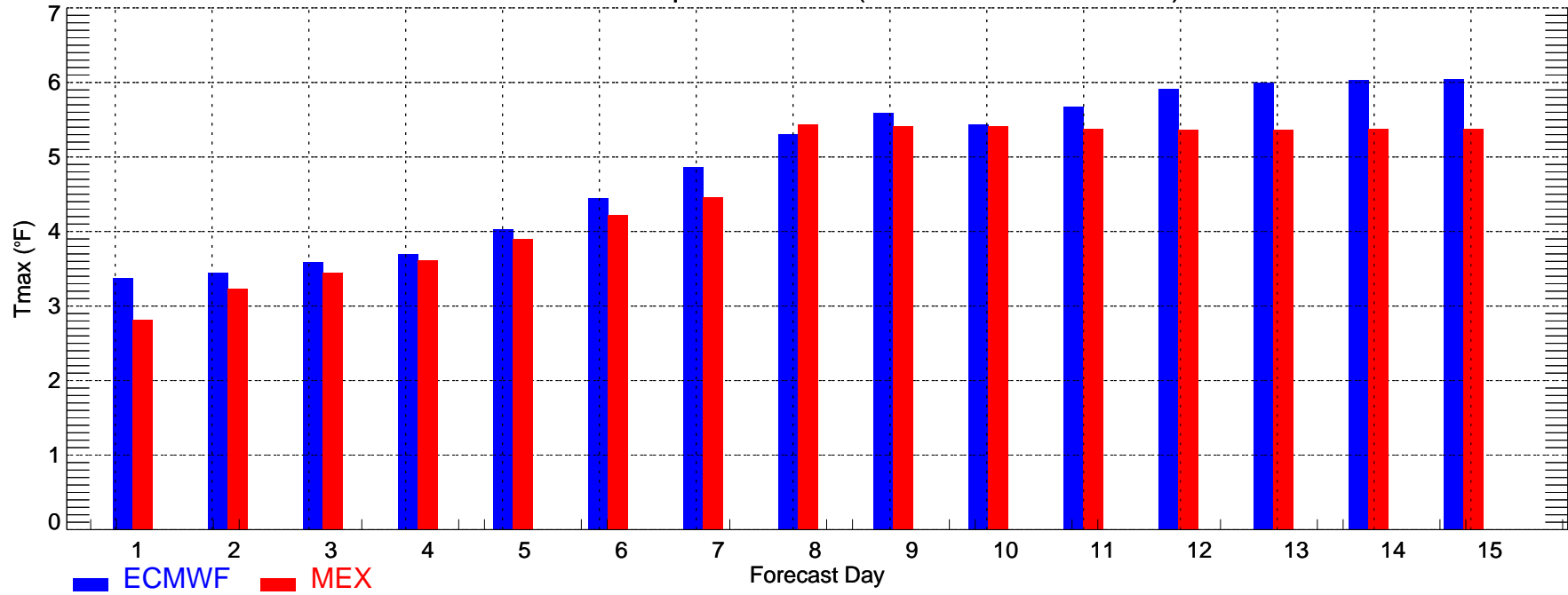
USSC: Max Temperature Bias (2010-12-01\_2010-12-31)



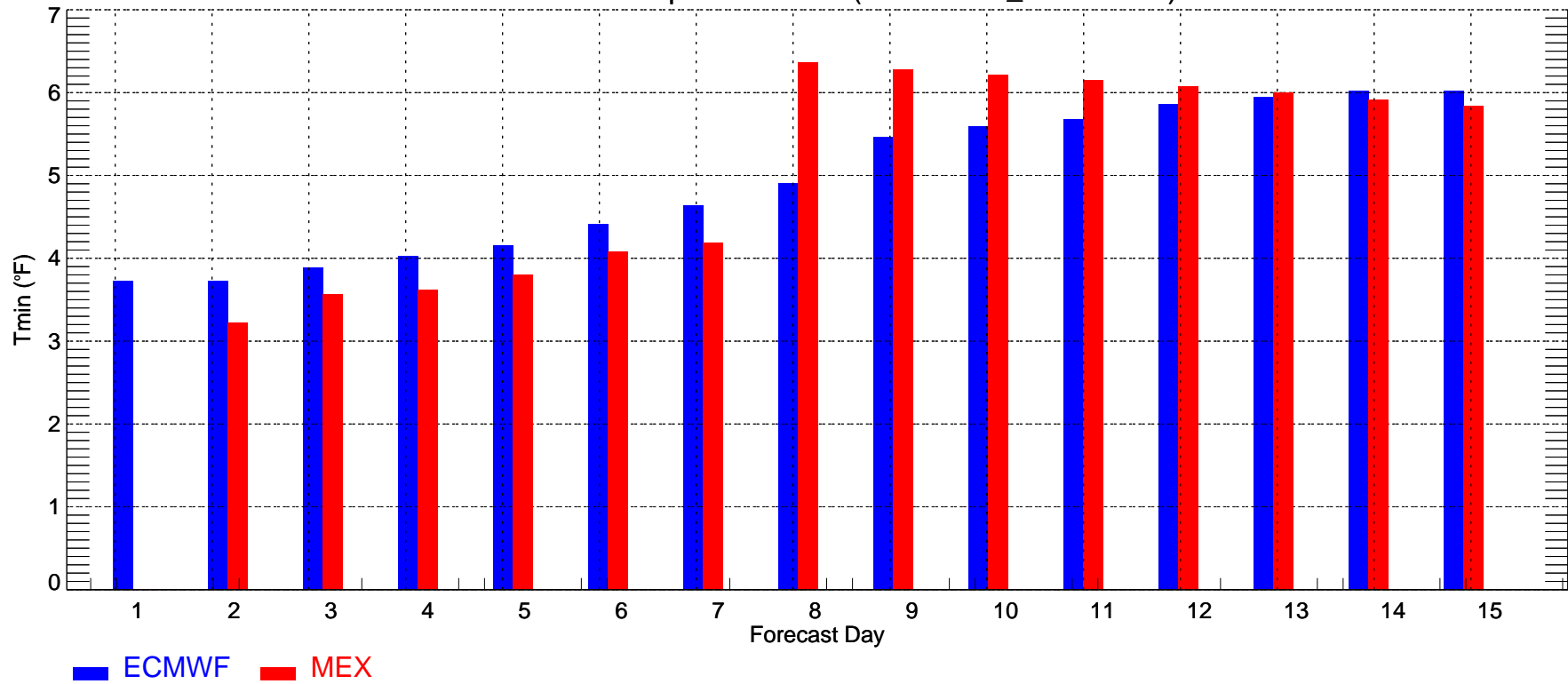
USSC: Min Temperature Bias (2010-12-01\_2010-12-31)



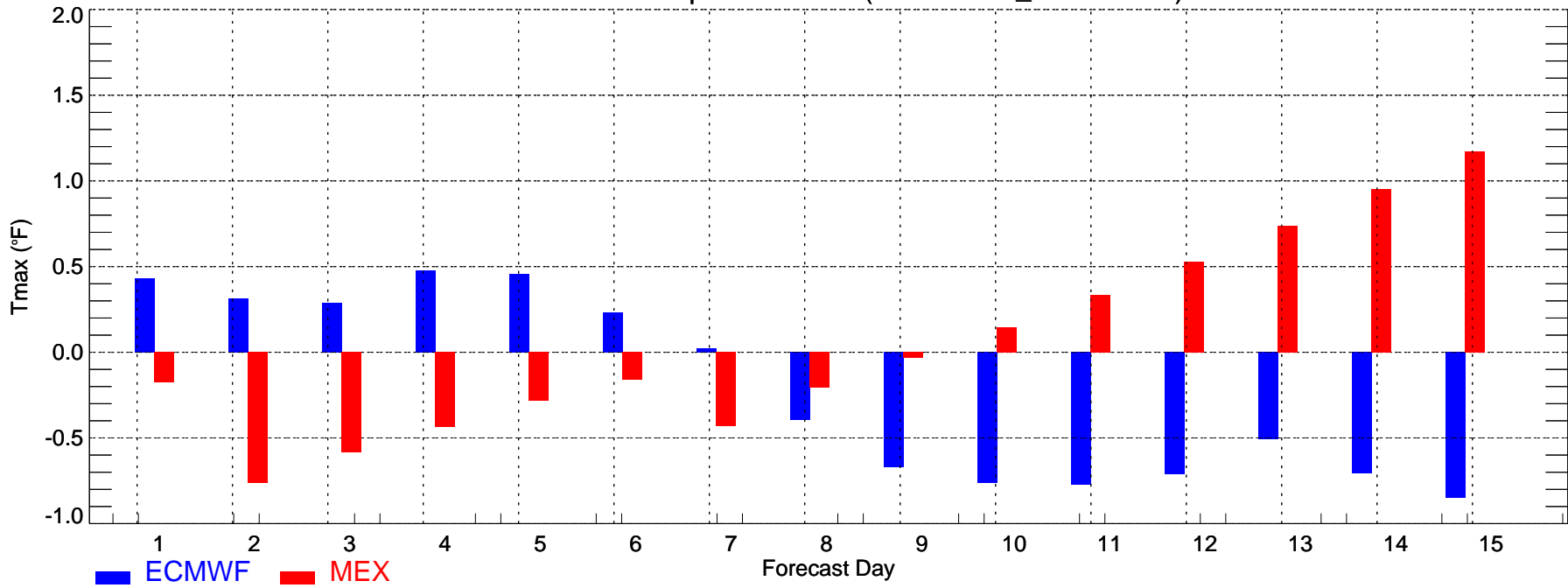
USSW: Max Temperature MAE (2010-12-01\_2010-12-31)



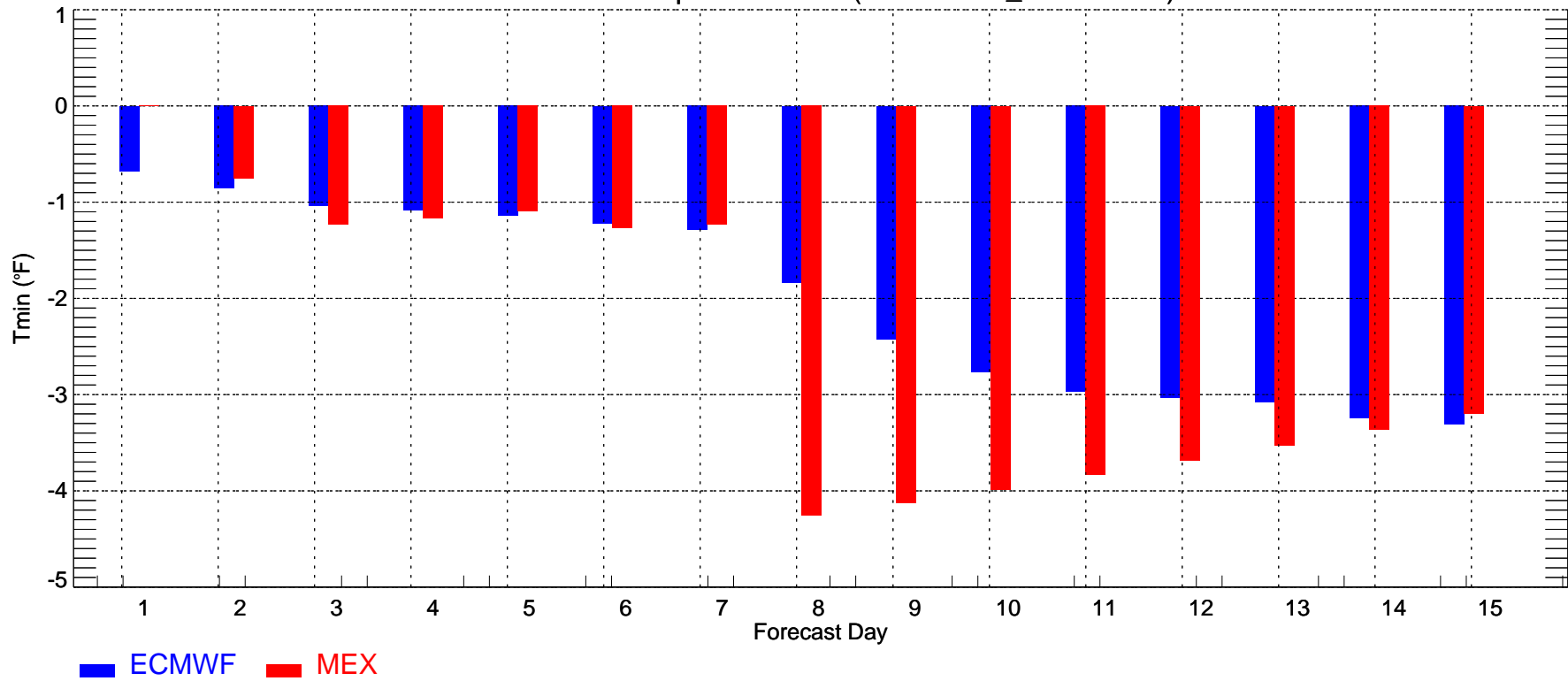
USSW: Min Temperature MAE (2010-12-01\_2010-12-31)



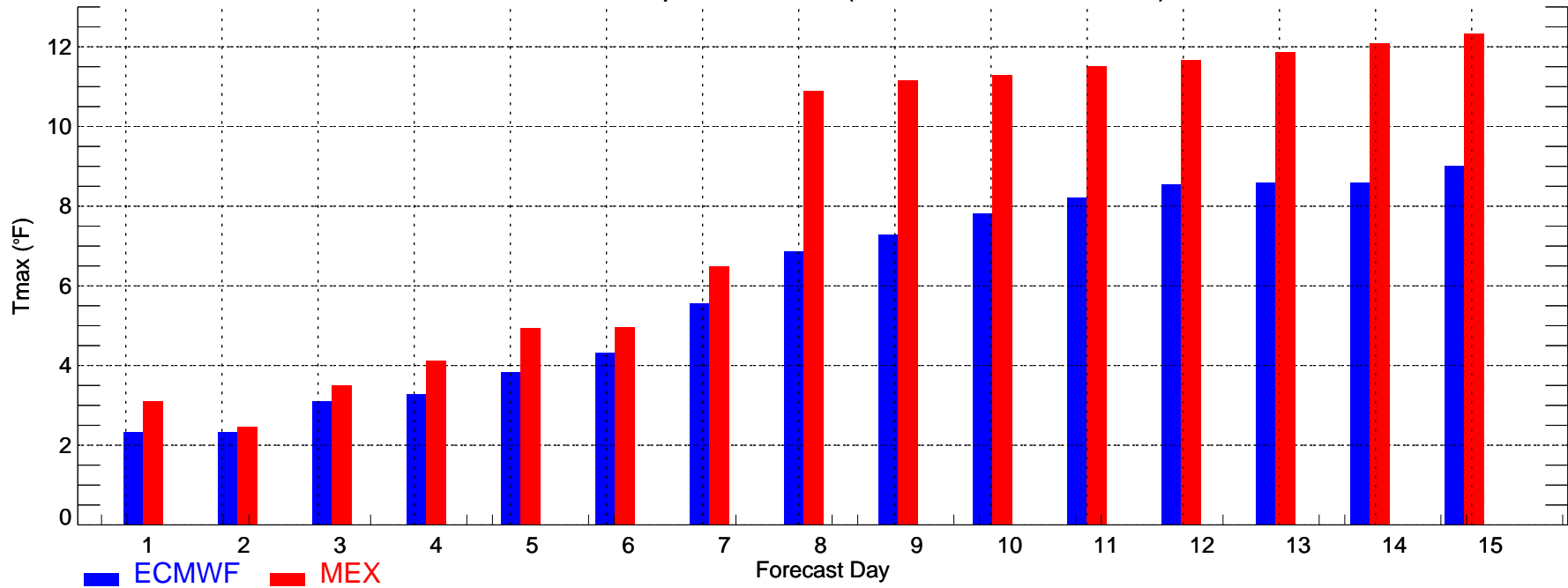
USSW: Max Temperature Bias (2010-12-01\_2010-12-31)



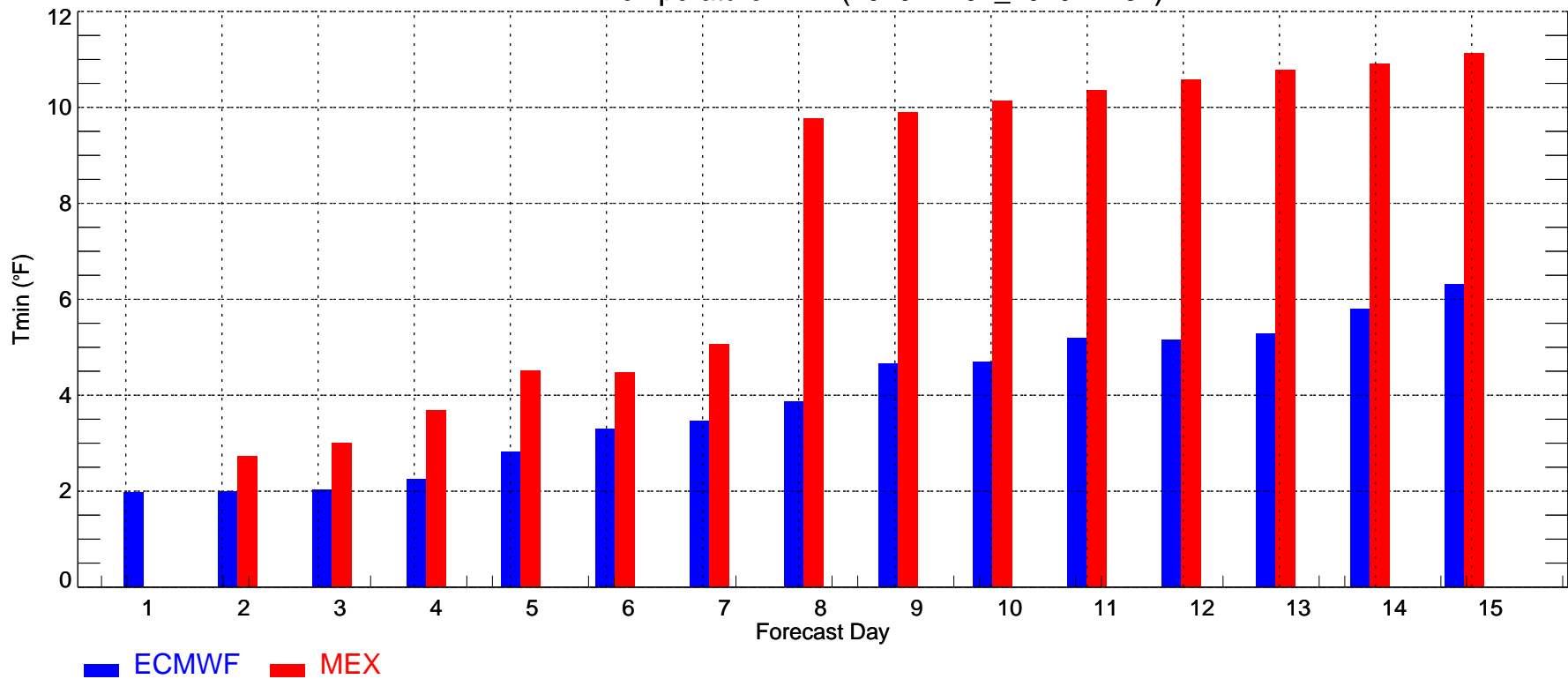
USSW: Min Temperature Bias (2010-12-01\_2010-12-31)



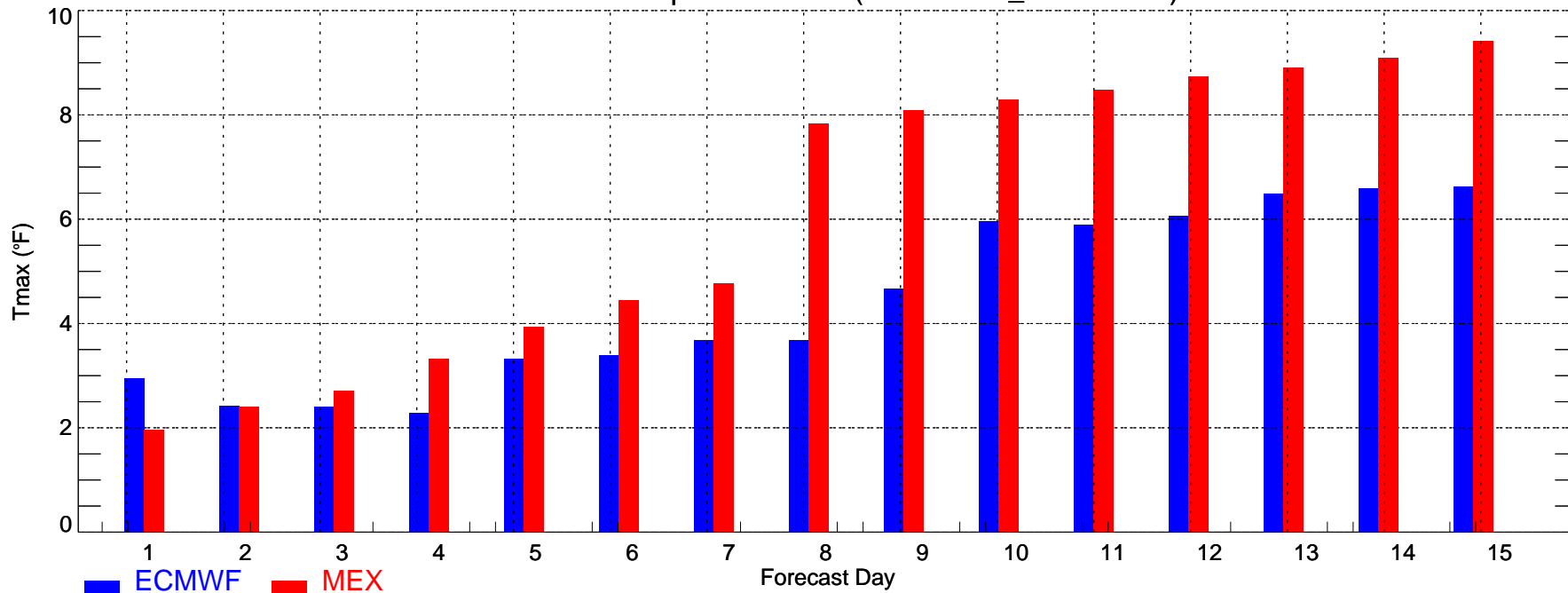
ATL: Max Temperature MAE (2010-12-01\_2010-12-31)



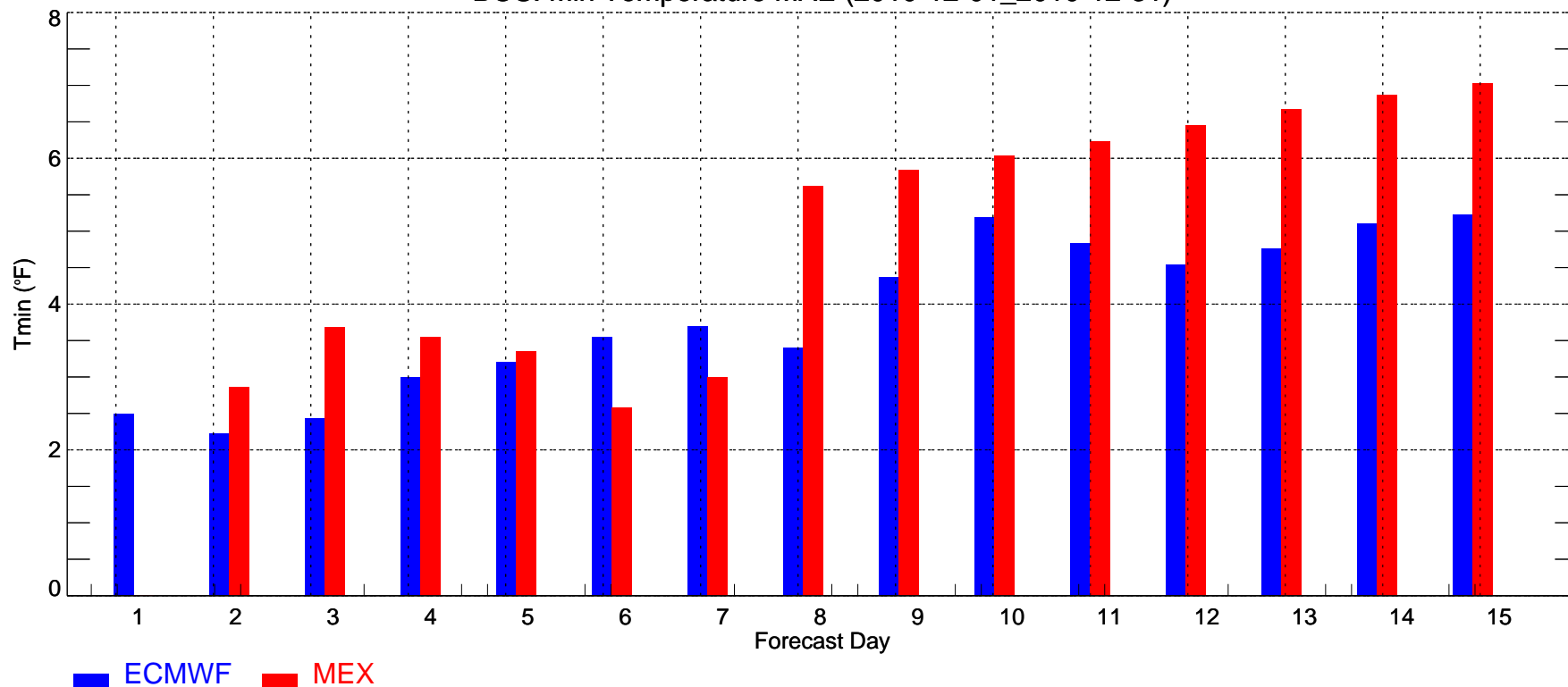
ATL: Min Temperature MAE (2010-12-01\_2010-12-31)



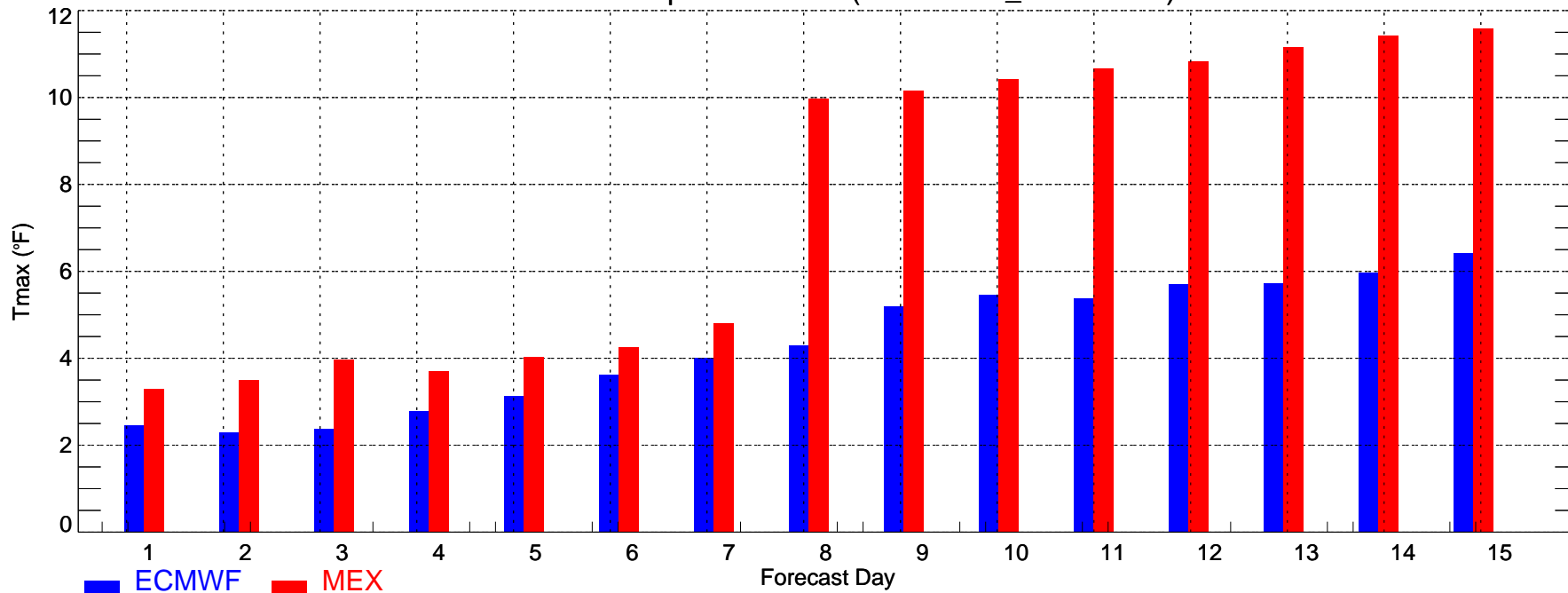
BOS: Max Temperature MAE (2010-12-01\_2010-12-31)



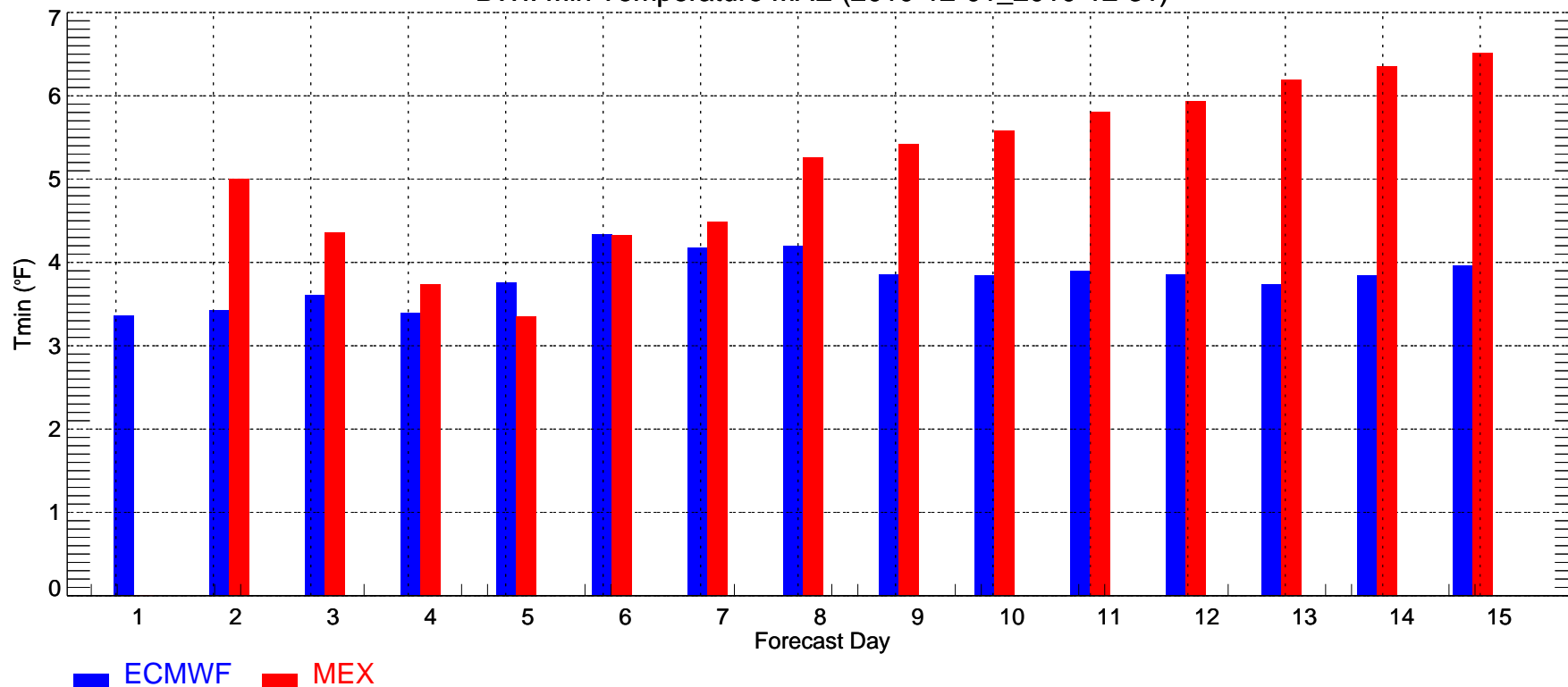
BOS: Min Temperature MAE (2010-12-01\_2010-12-31)



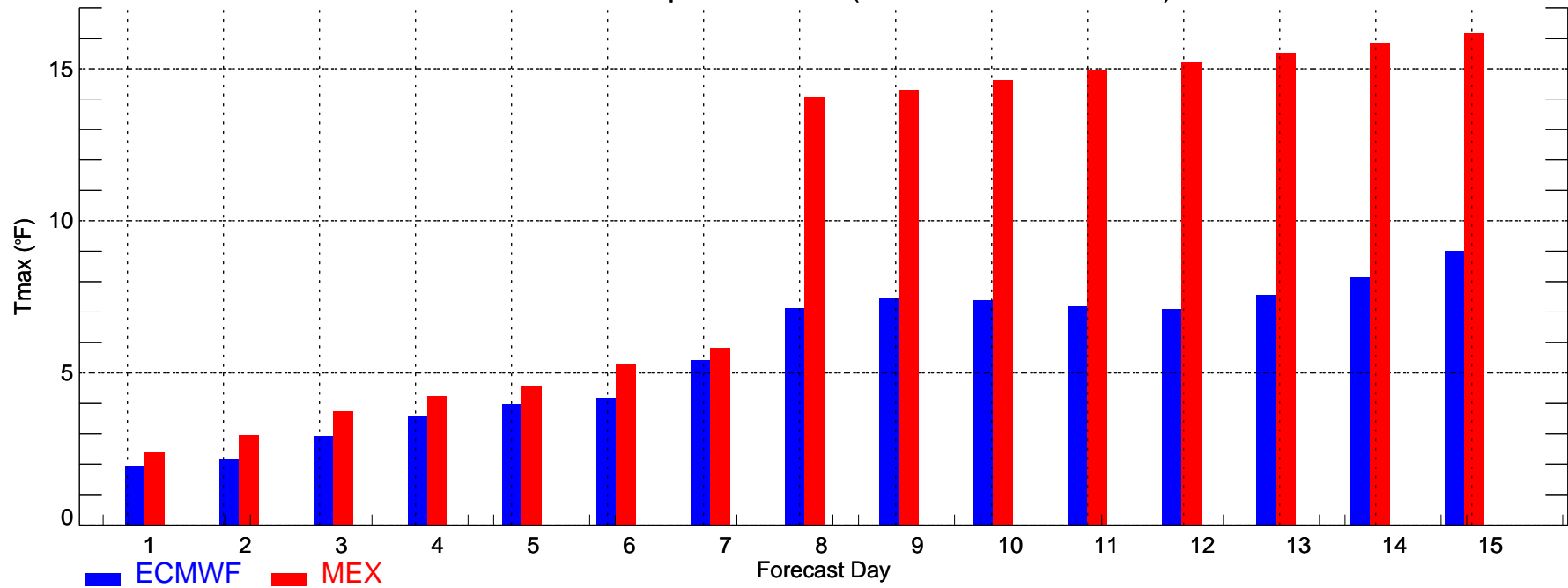
BWI: Max Temperature MAE (2010-12-01\_2010-12-31)



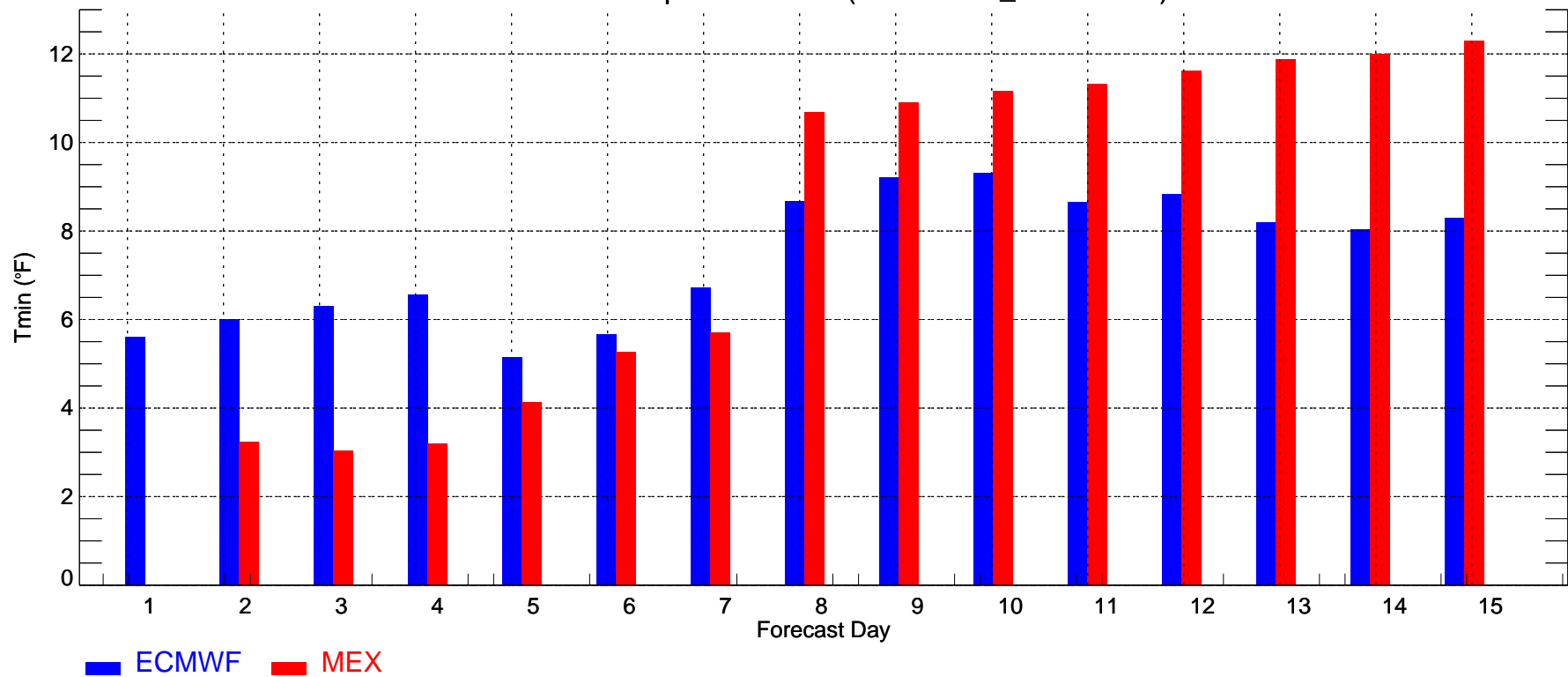
BWI: Min Temperature MAE (2010-12-01\_2010-12-31)



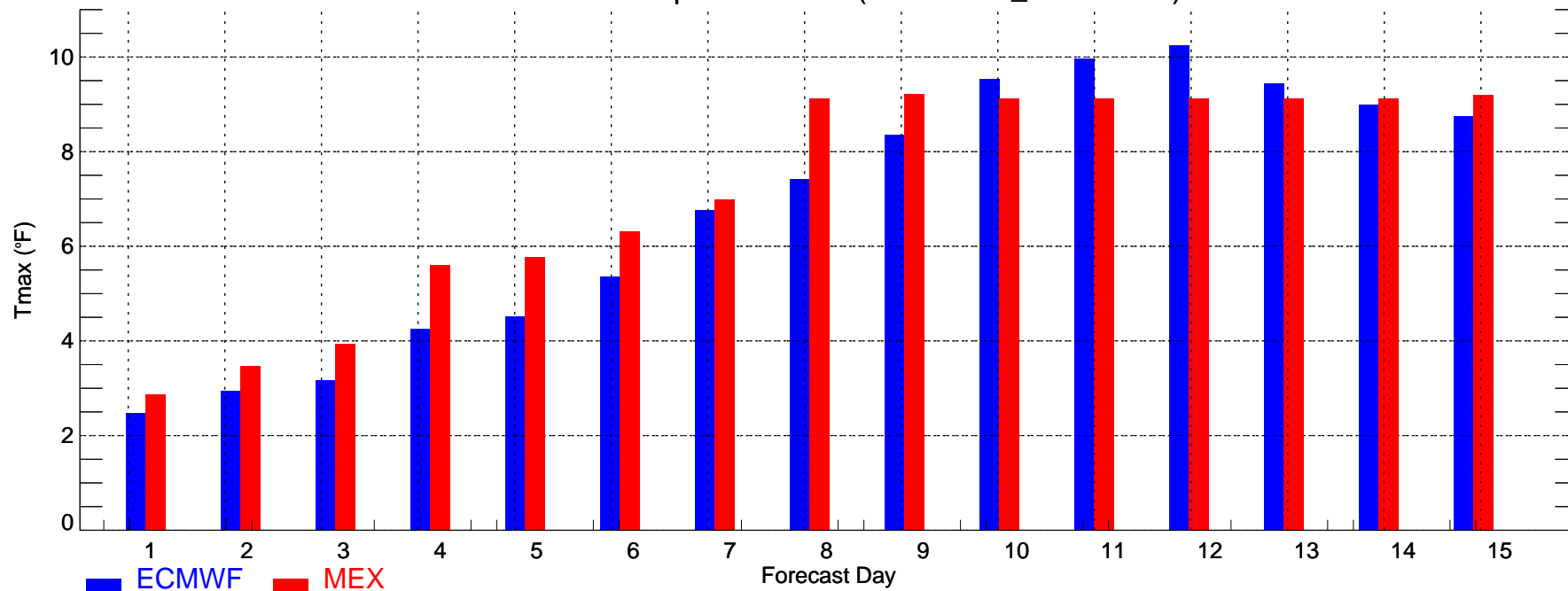
CVG: Max Temperature MAE (2010-12-01\_2010-12-31)



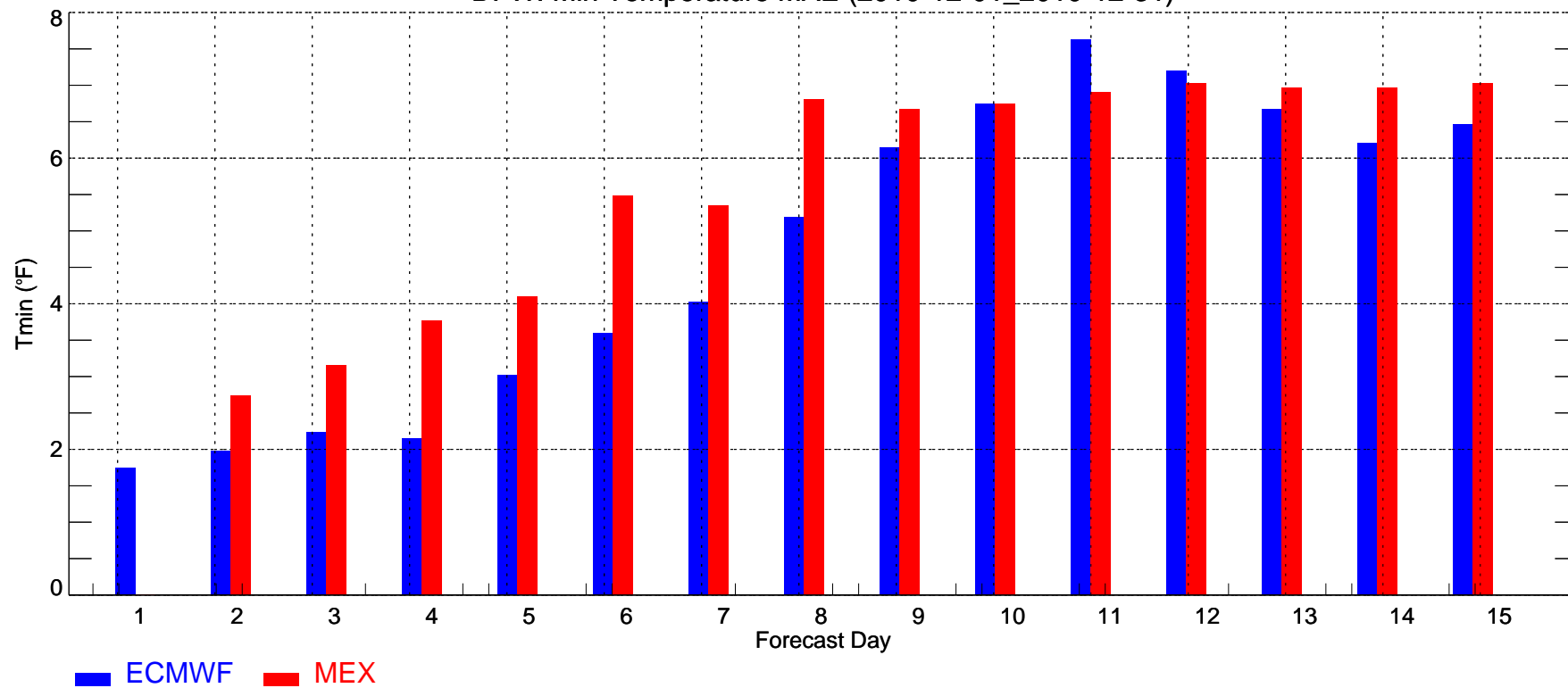
CVG: Min Temperature MAE (2010-12-01\_2010-12-31)



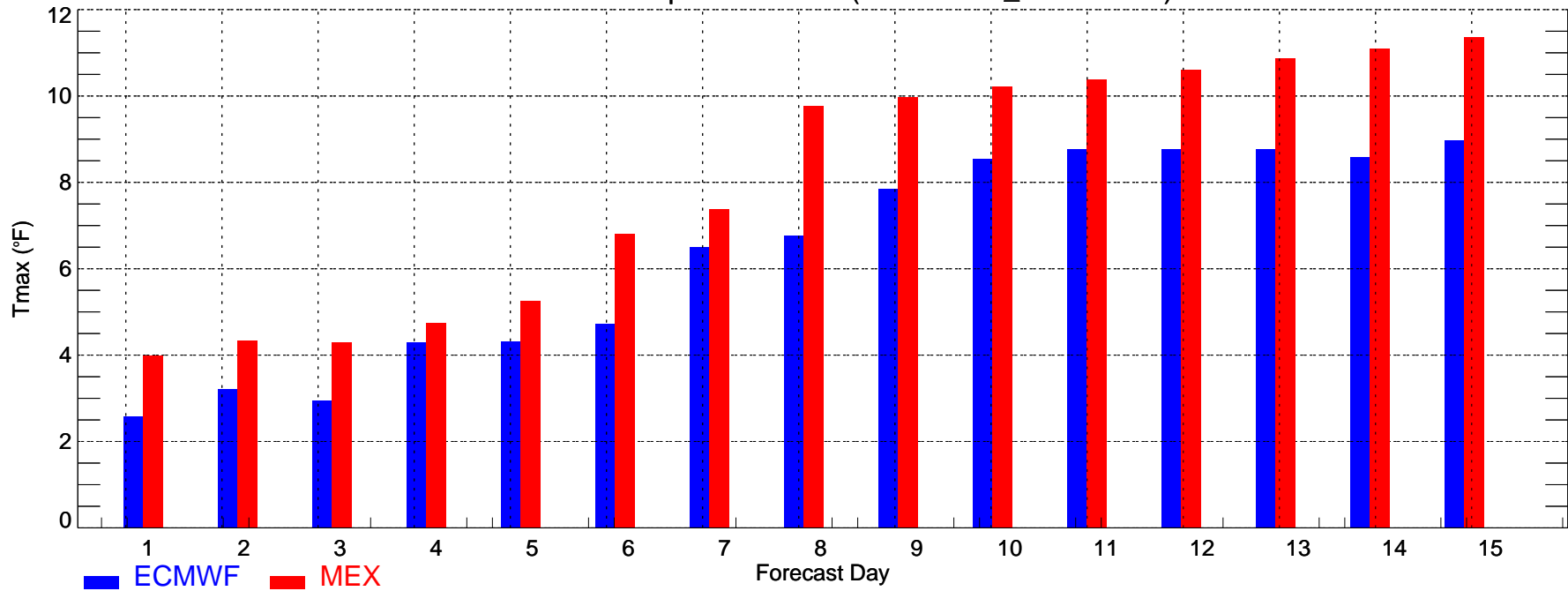
DFW: Max Temperature MAE (2010-12-01\_2010-12-31)



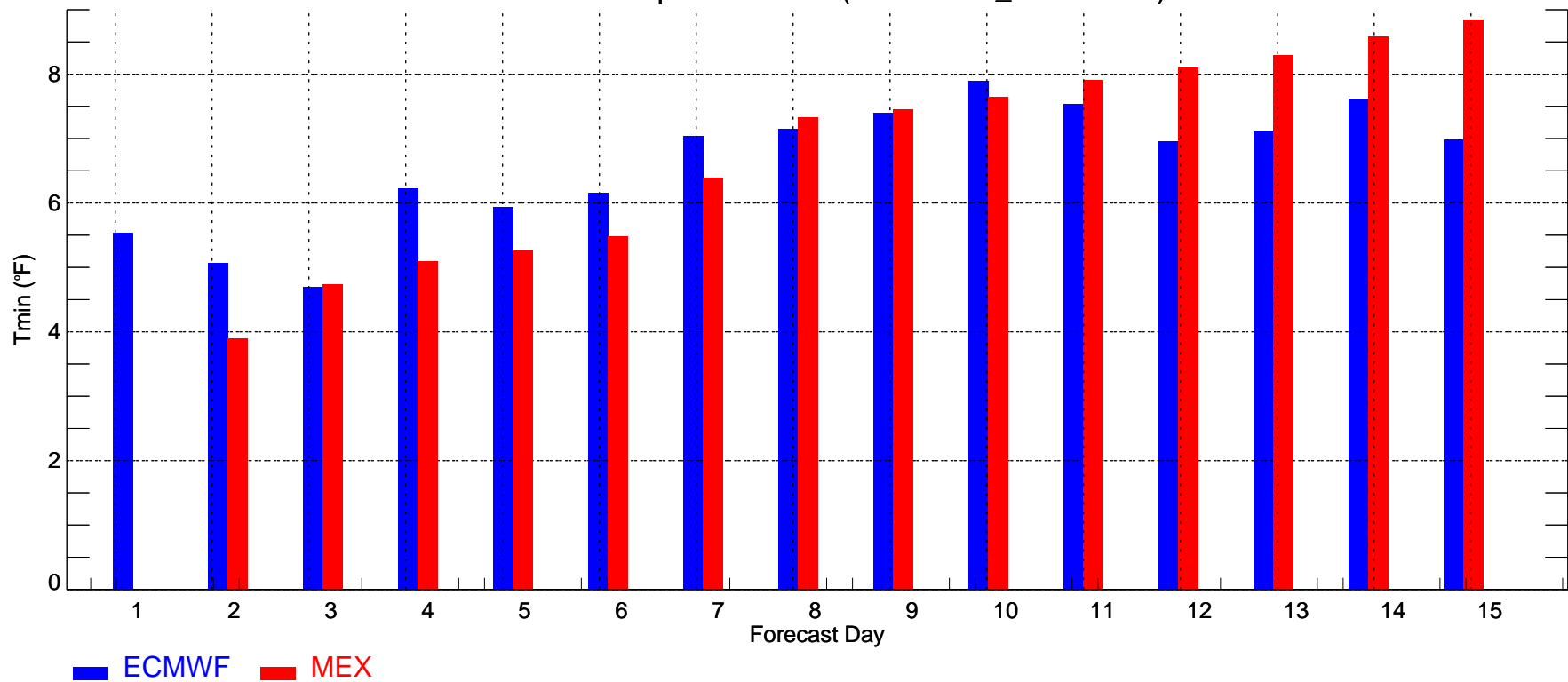
DFW: Min Temperature MAE (2010-12-01\_2010-12-31)



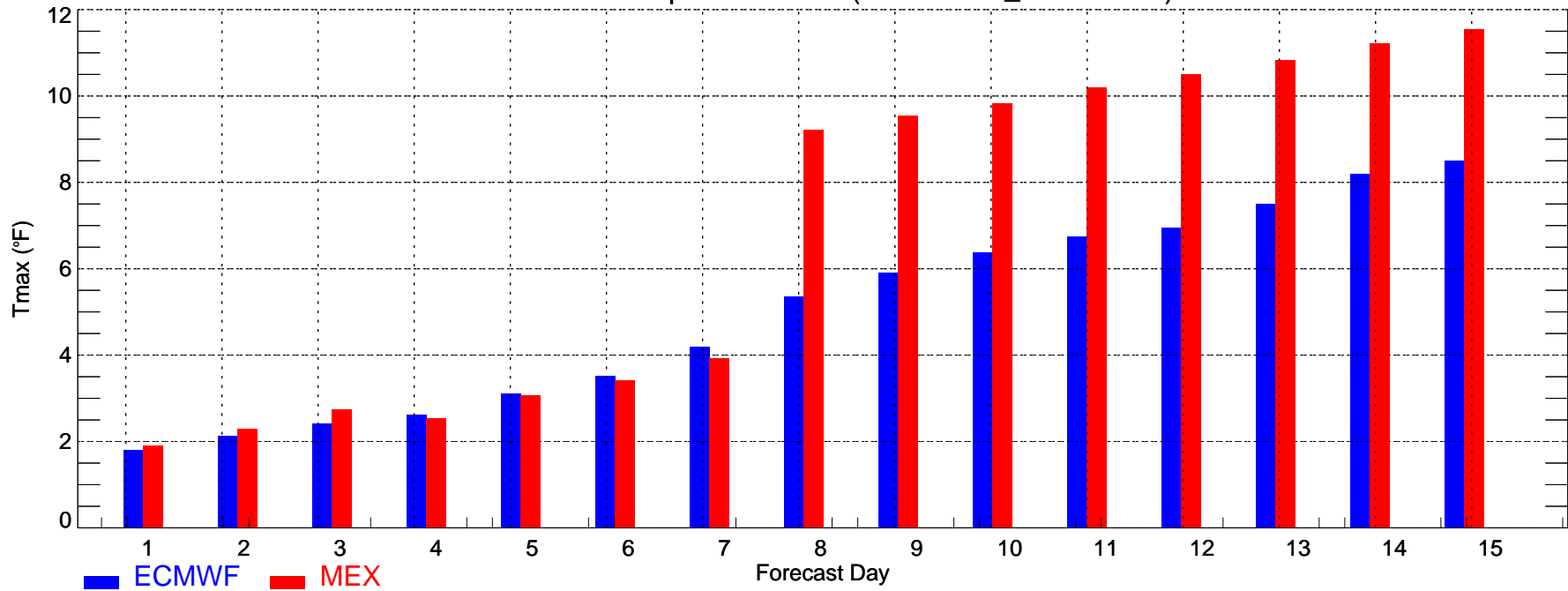
DSM: Max Temperature MAE (2010-12-01\_2010-12-31)



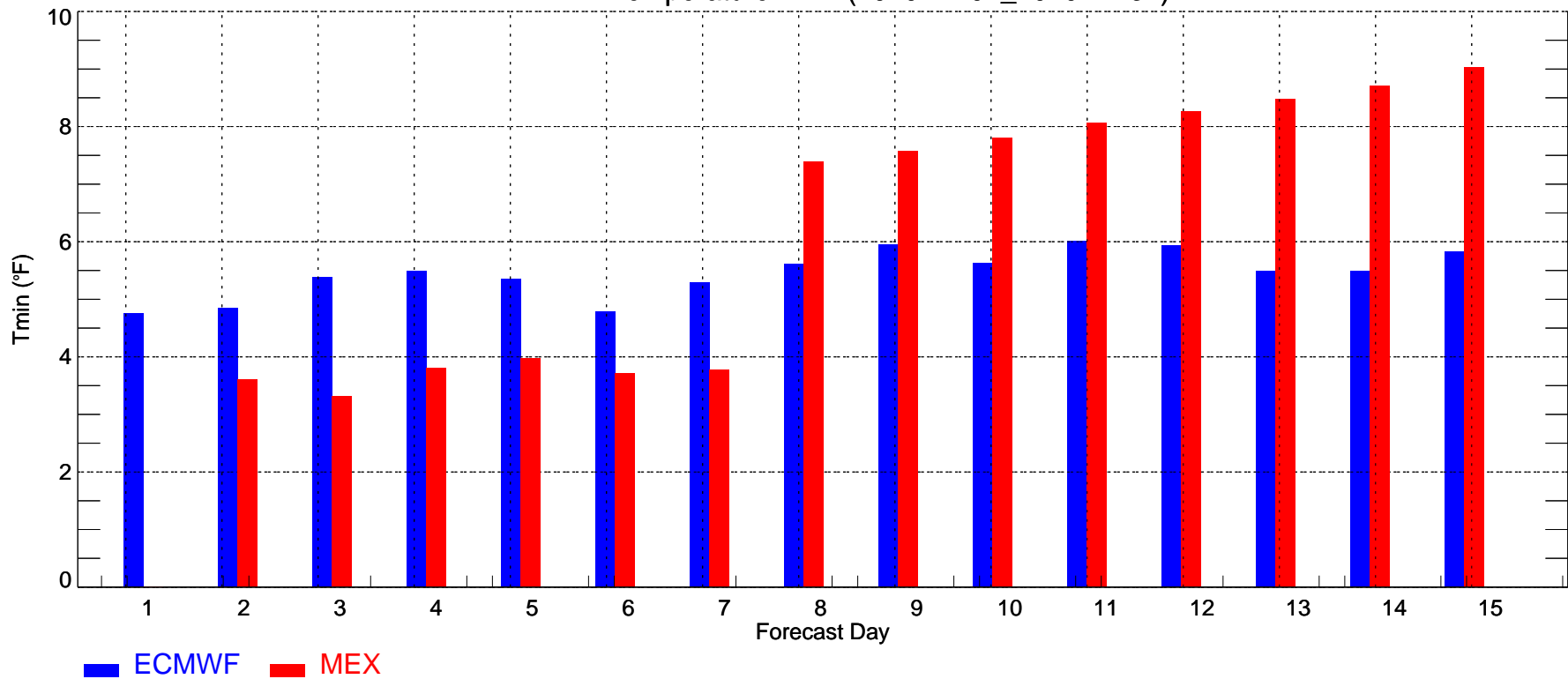
DSM: Min Temperature MAE (2010-12-01\_2010-12-31)



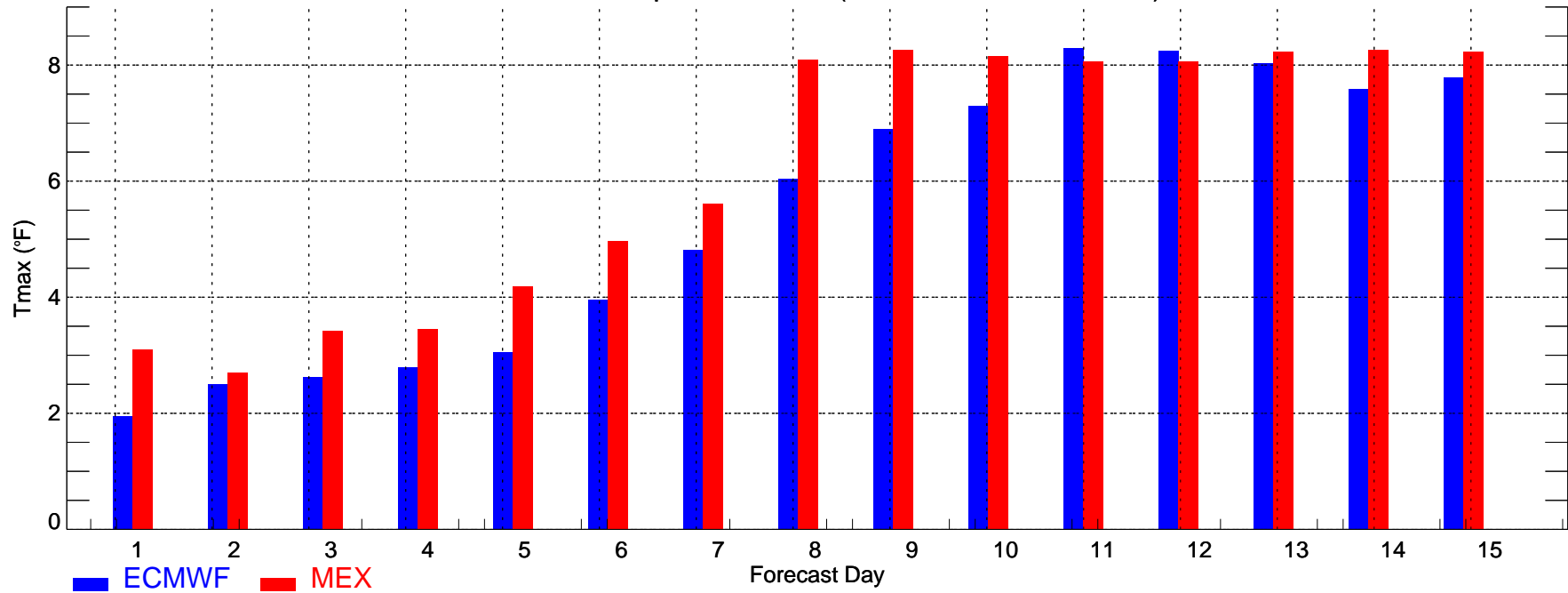
DTW: Max Temperature MAE (2010-12-01\_2010-12-31)



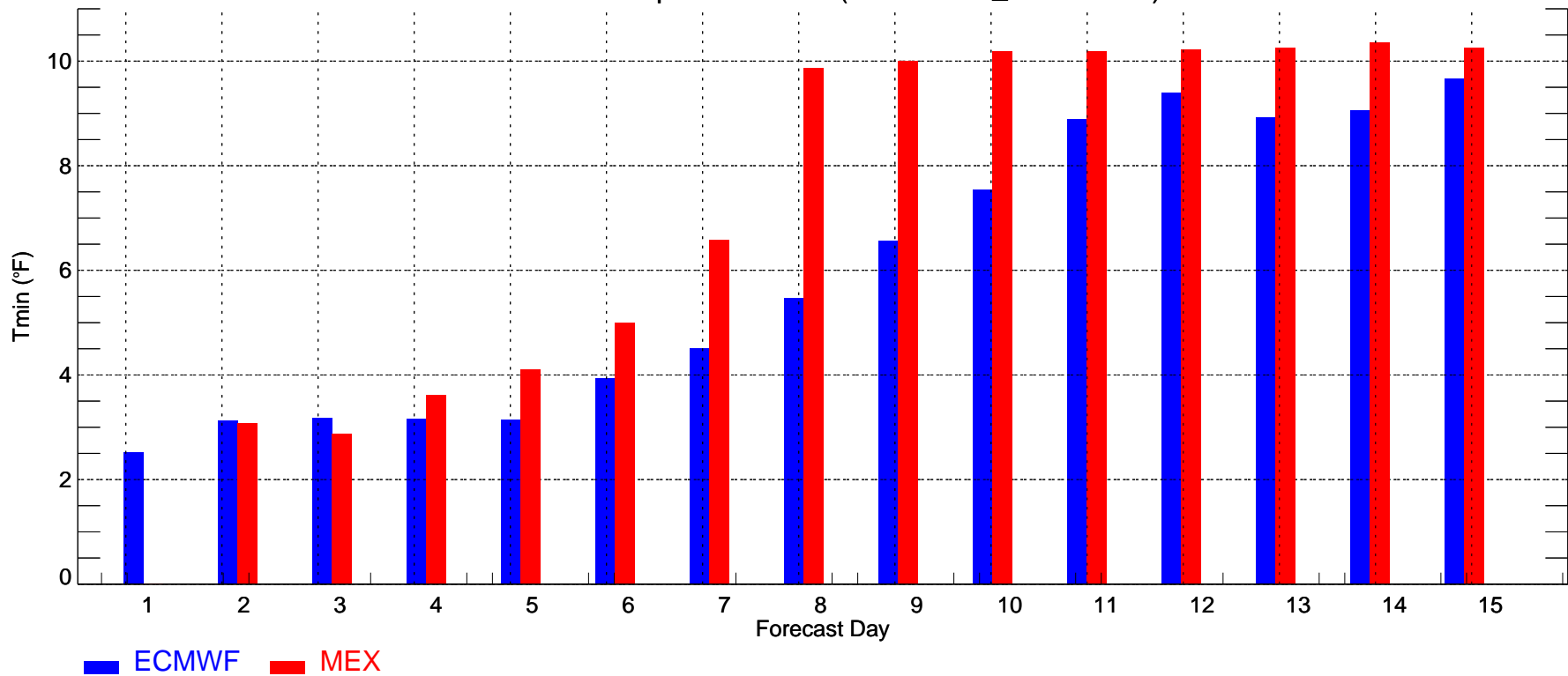
DTW: Min Temperature MAE (2010-12-01\_2010-12-31)



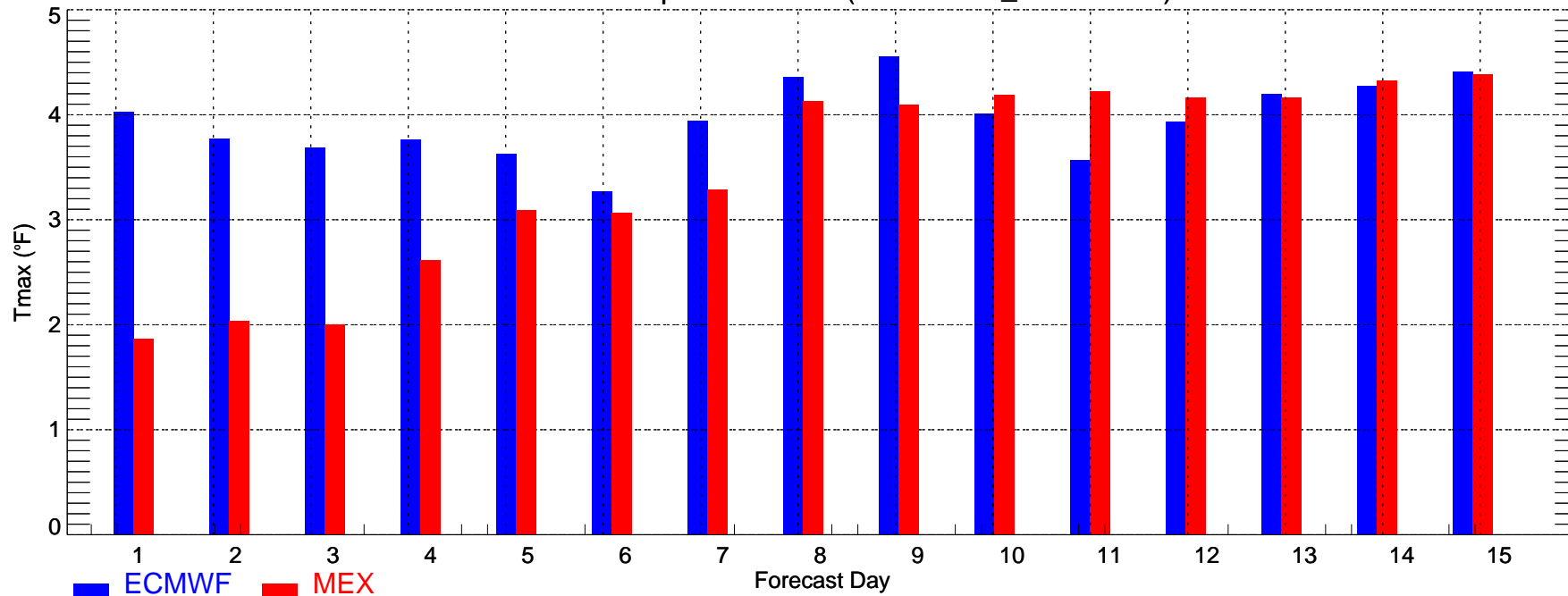
IAH: Max Temperature MAE (2010-12-01\_2010-12-31)



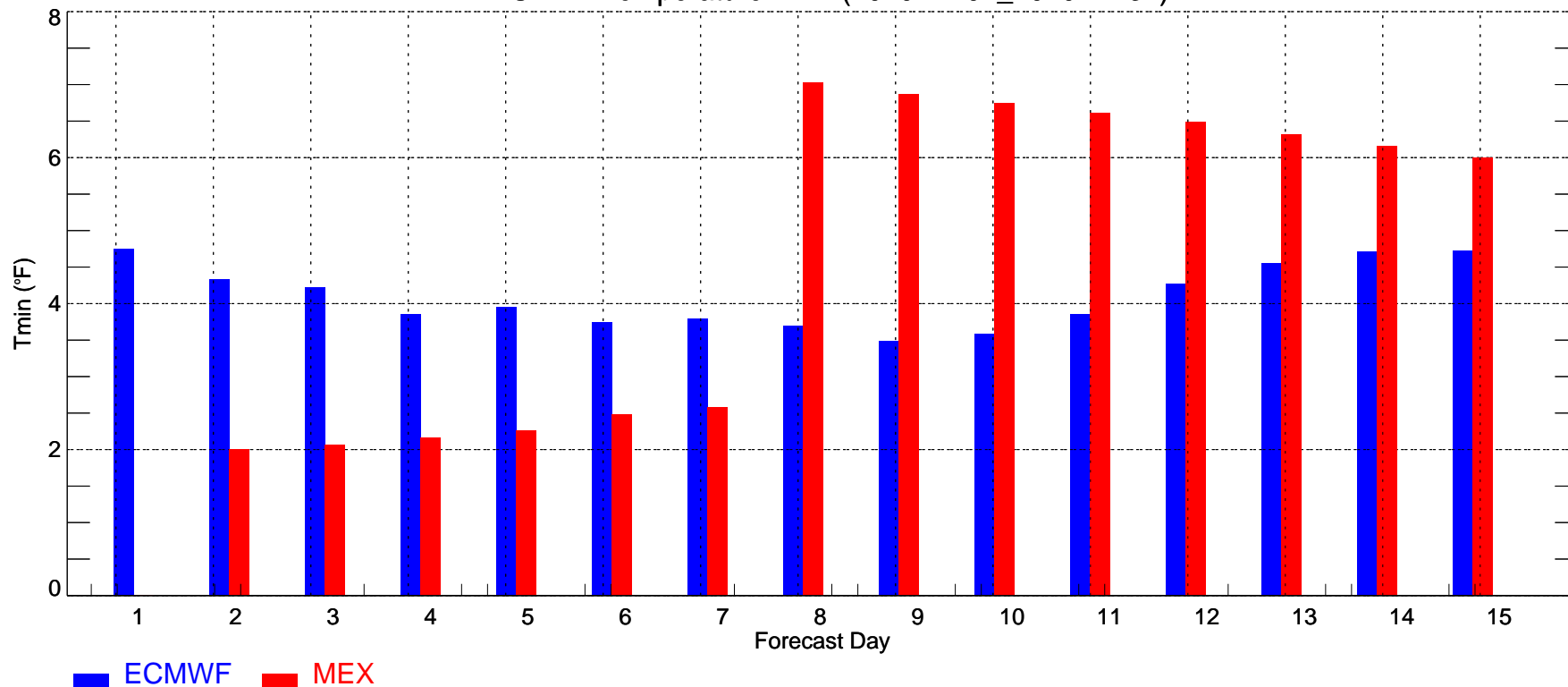
IAH: Min Temperature MAE (2010-12-01\_2010-12-31)



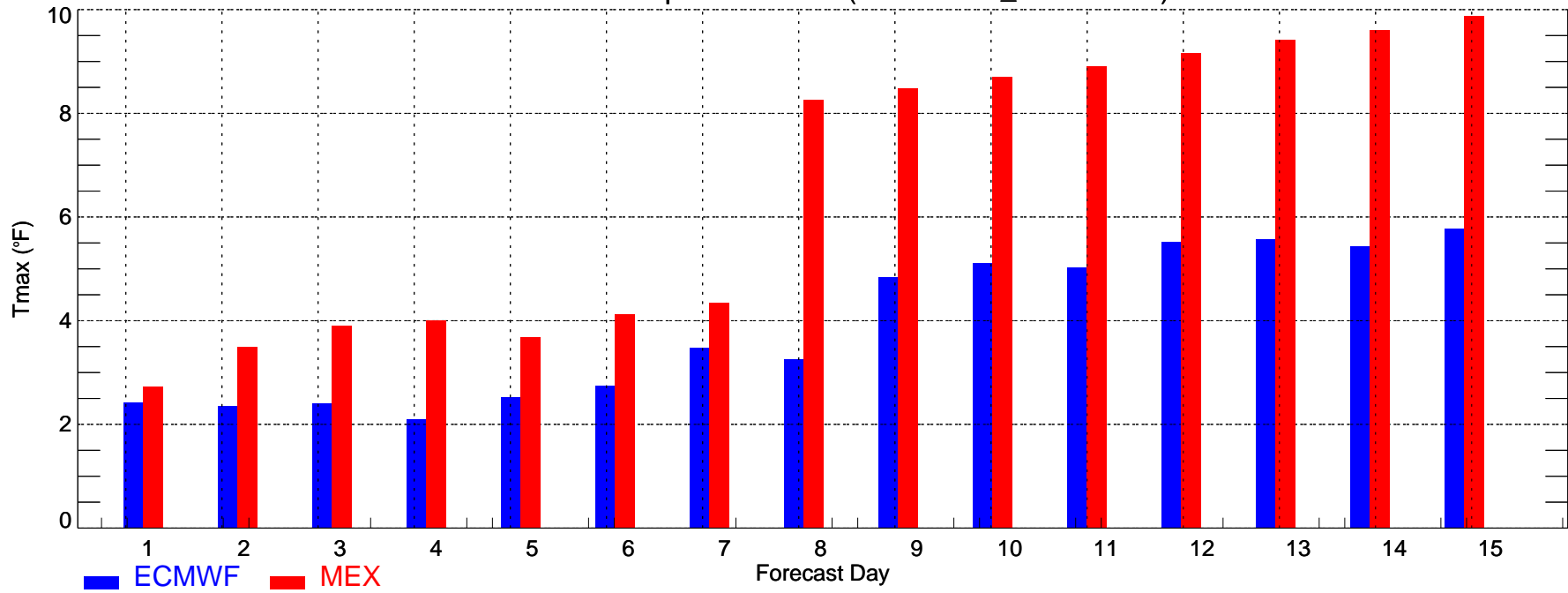
LAS: Max Temperature MAE (2010-12-01\_2010-12-31)



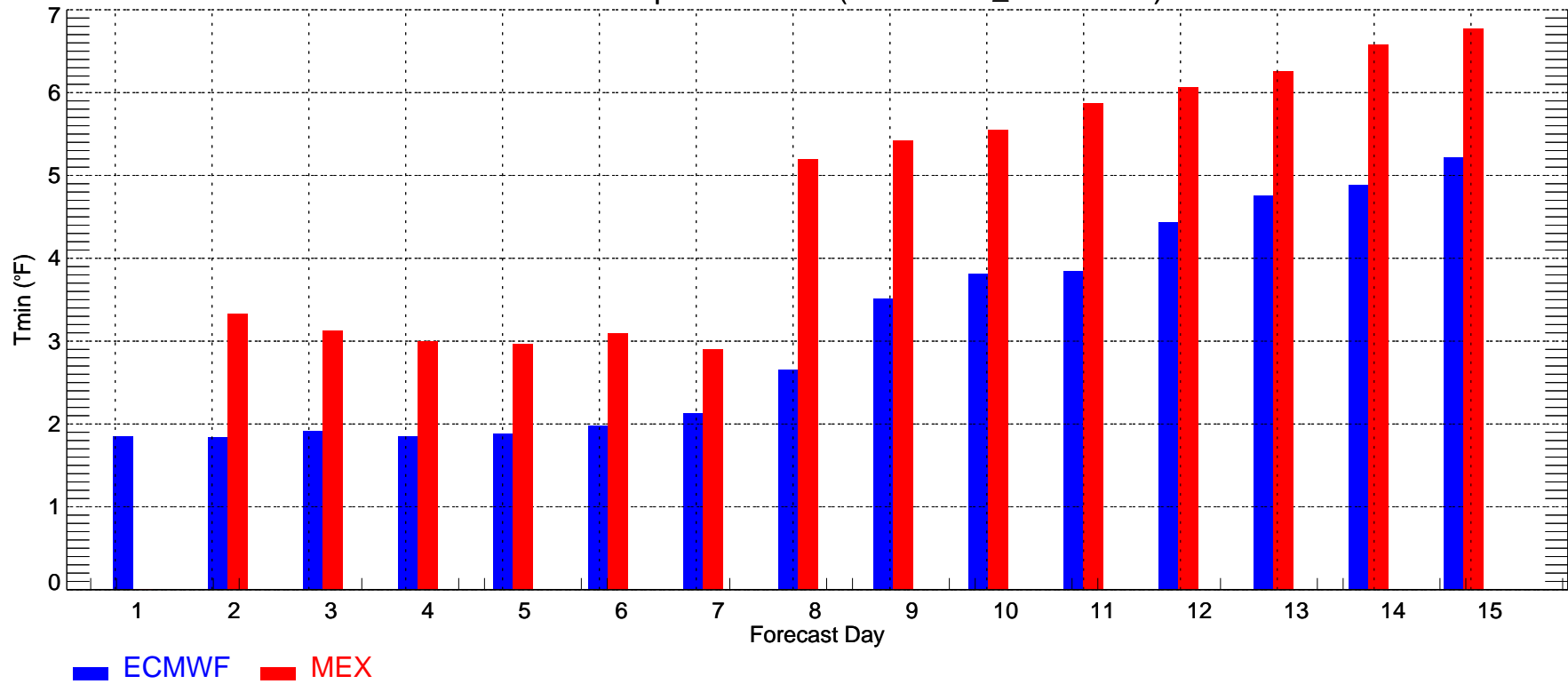
LAS: Min Temperature MAE (2010-12-01\_2010-12-31)



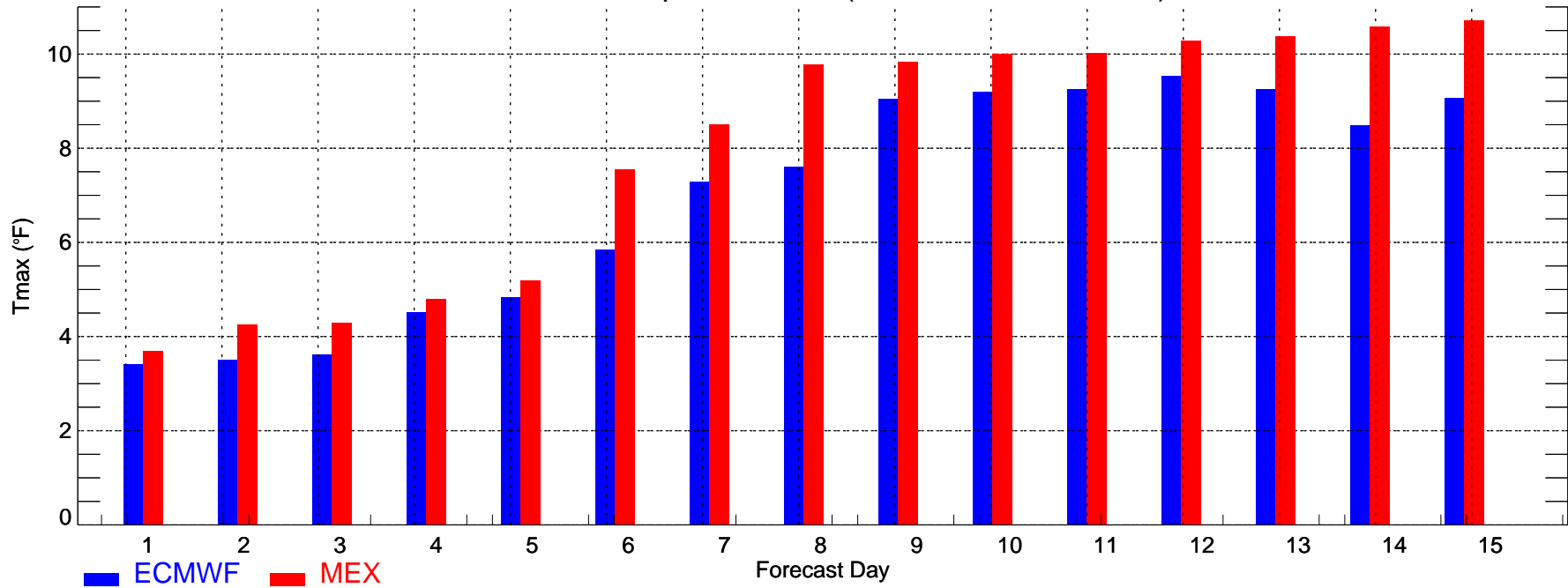
LGA: Max Temperature MAE (2010-12-01\_2010-12-31)



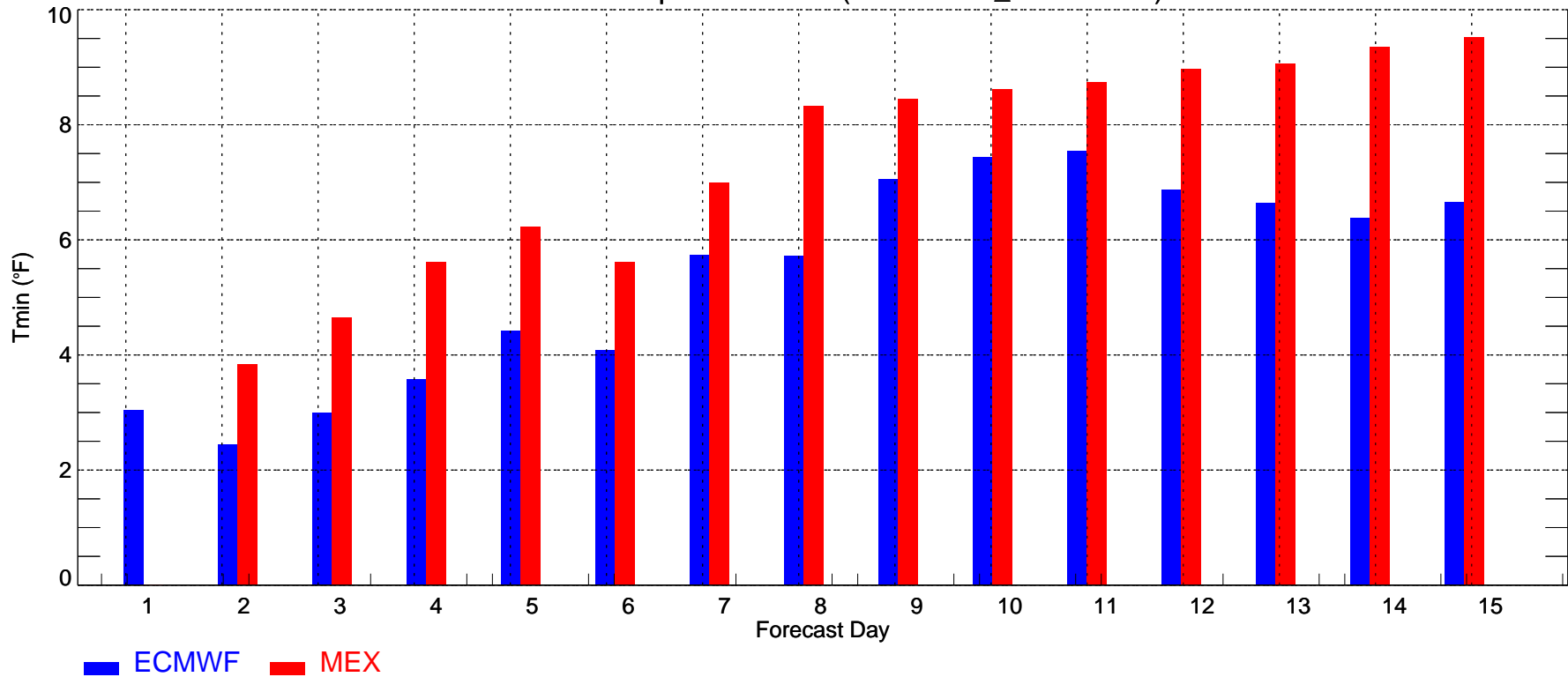
LGA: Min Temperature MAE (2010-12-01\_2010-12-31)



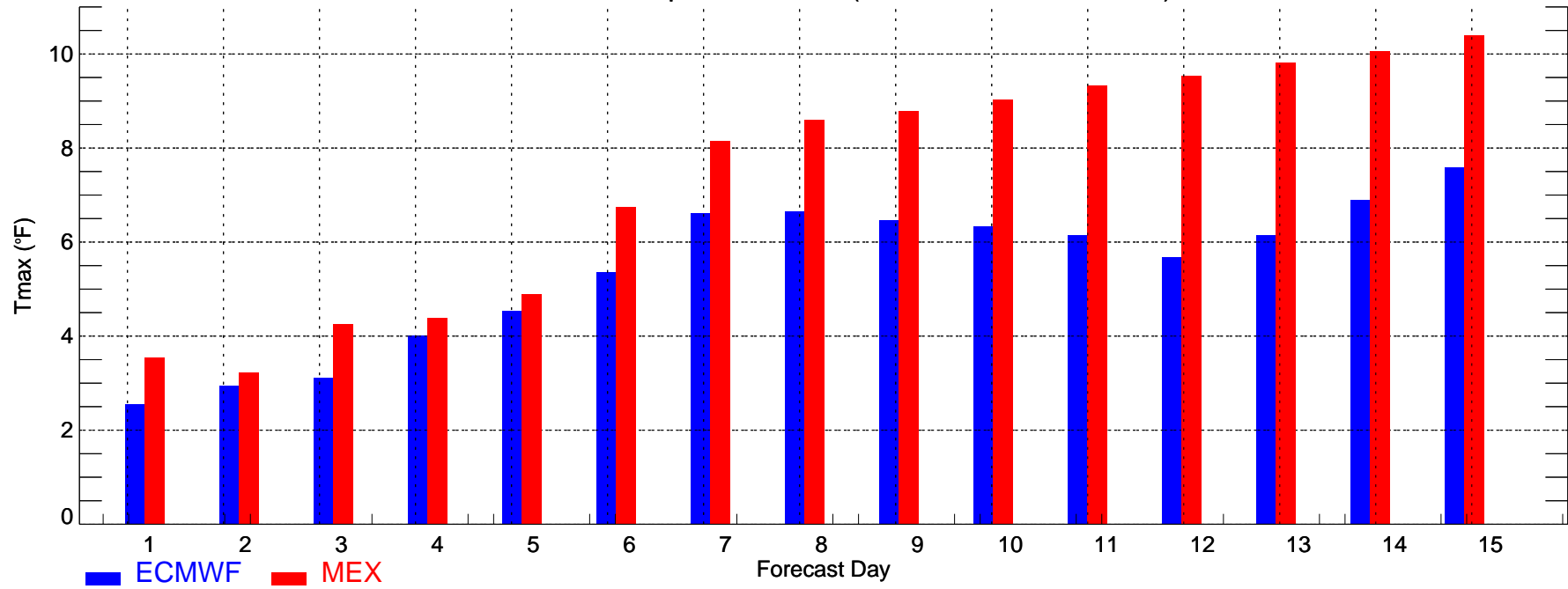
MCI: Max Temperature MAE (2010-12-01\_2010-12-31)



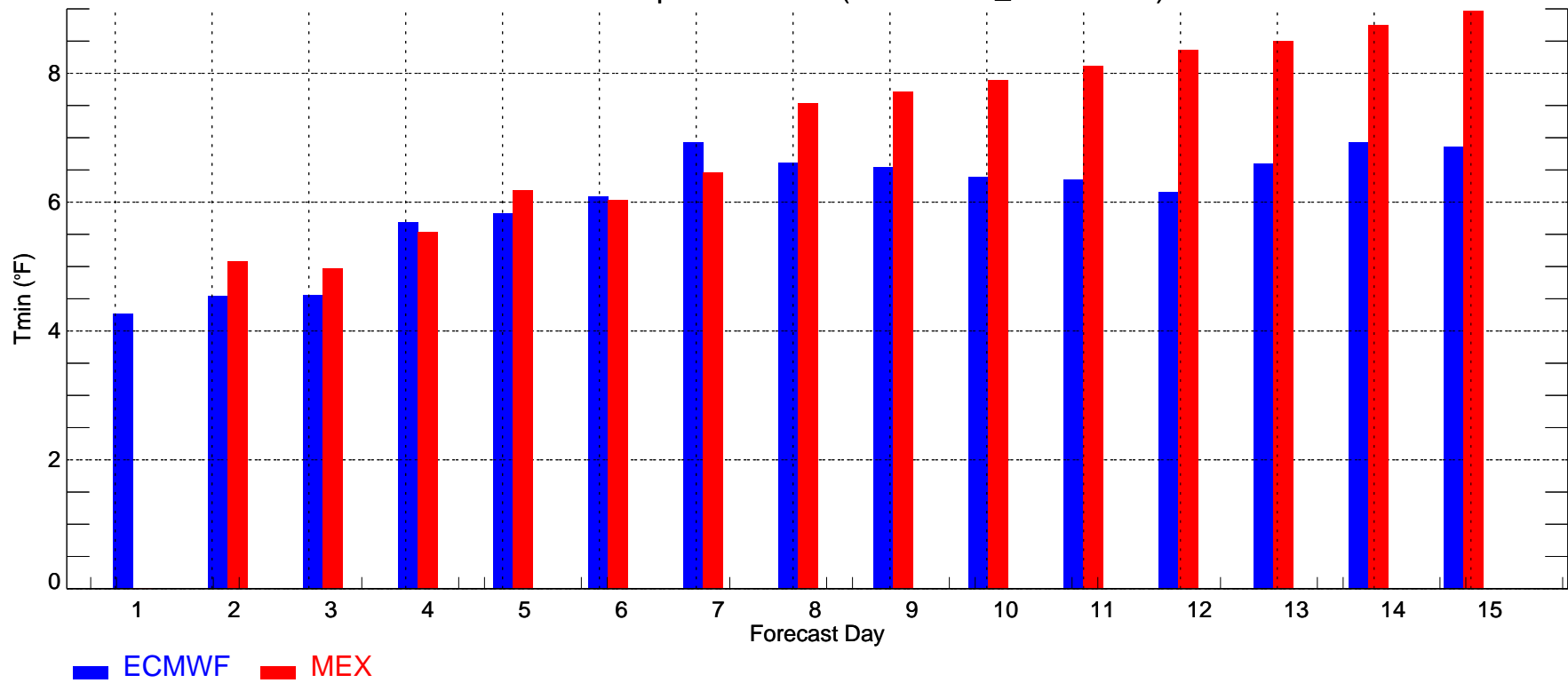
MCI: Min Temperature MAE (2010-12-01\_2010-12-31)



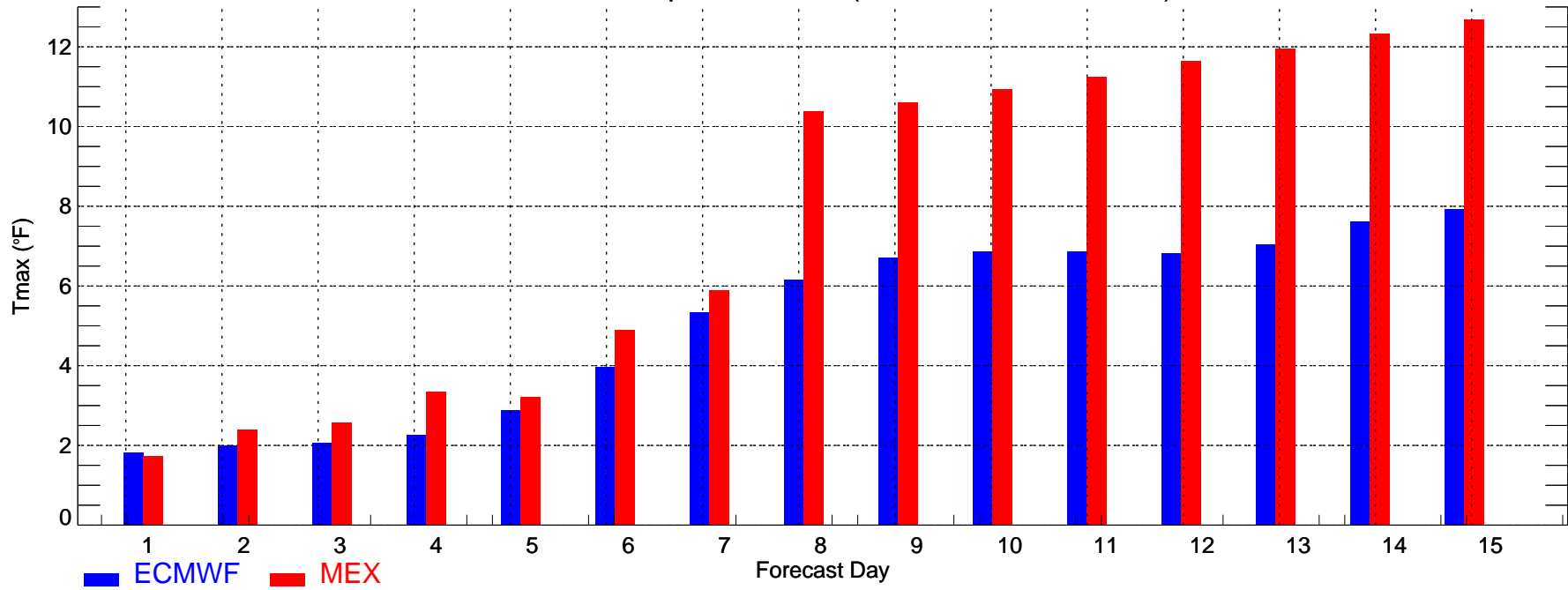
MSP: Max Temperature MAE (2010-12-01\_2010-12-31)



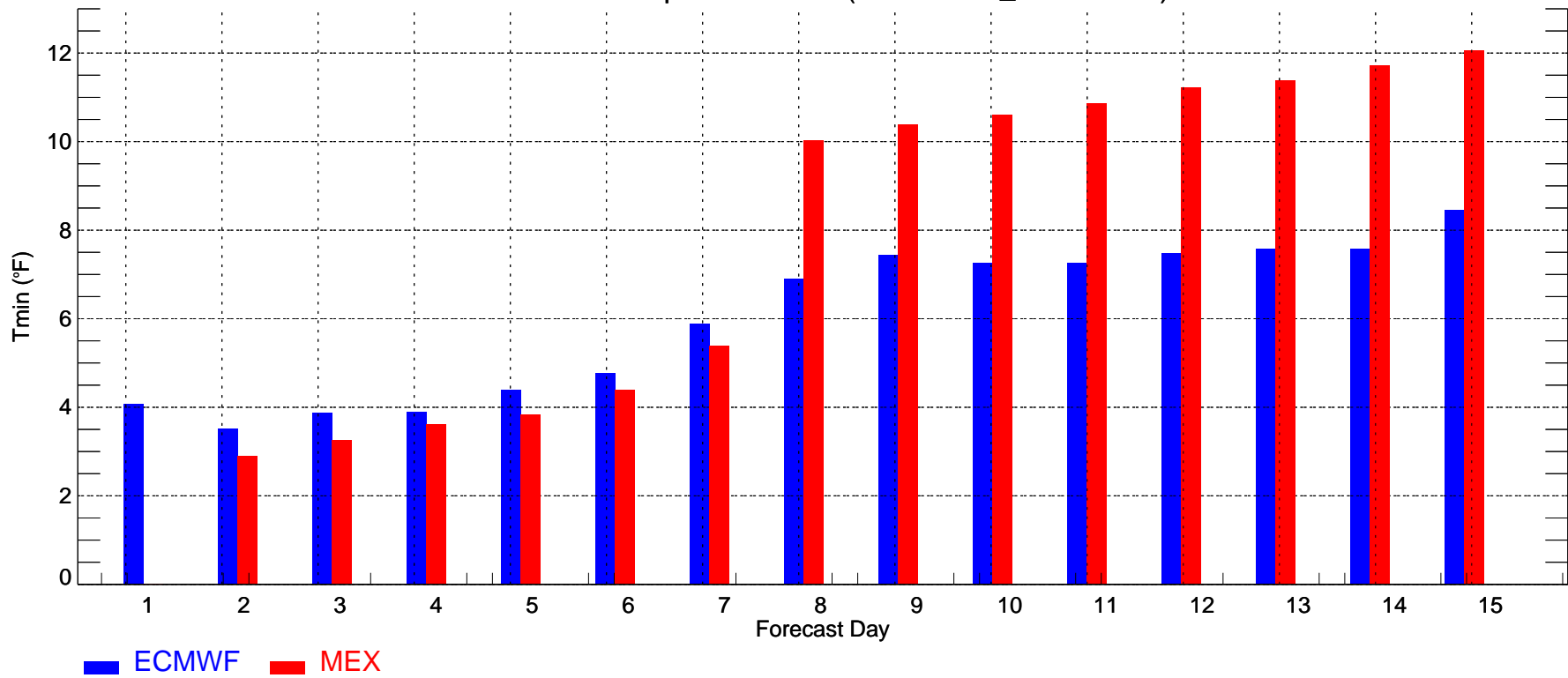
MSP: Min Temperature MAE (2010-12-01\_2010-12-31)



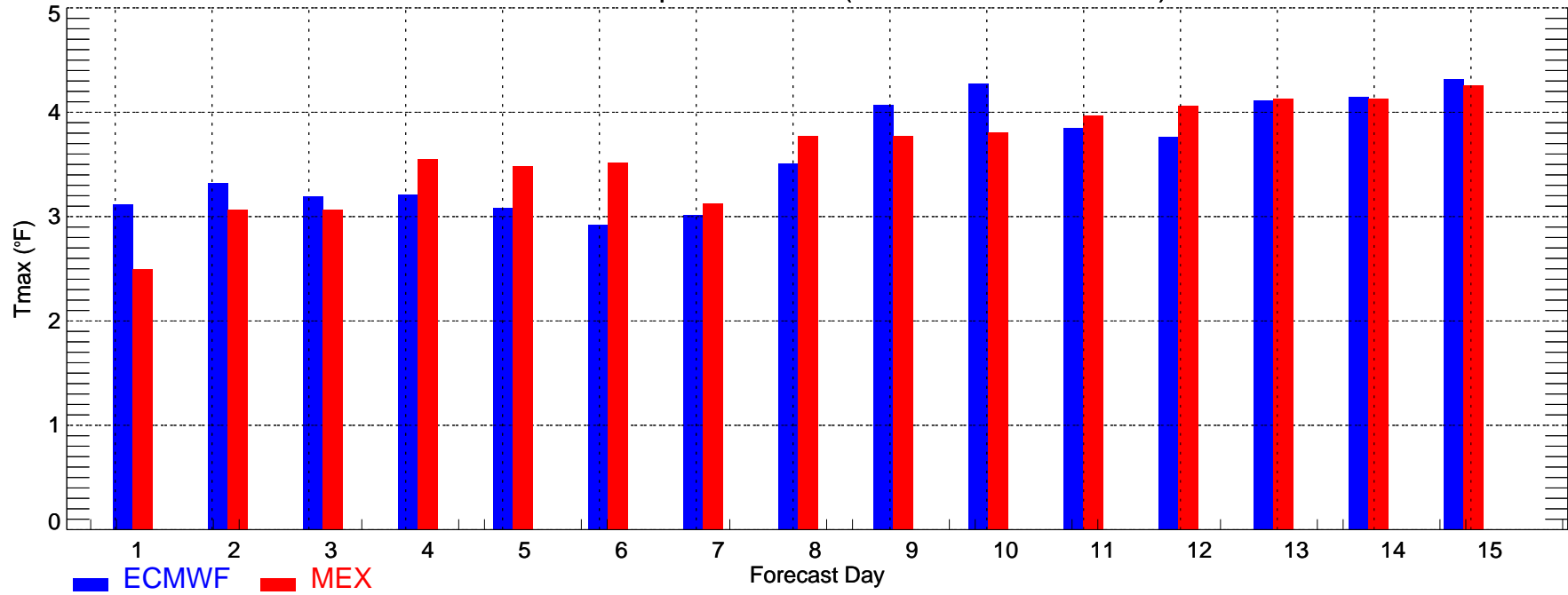
ORD: Max Temperature MAE (2010-12-01\_2010-12-31)



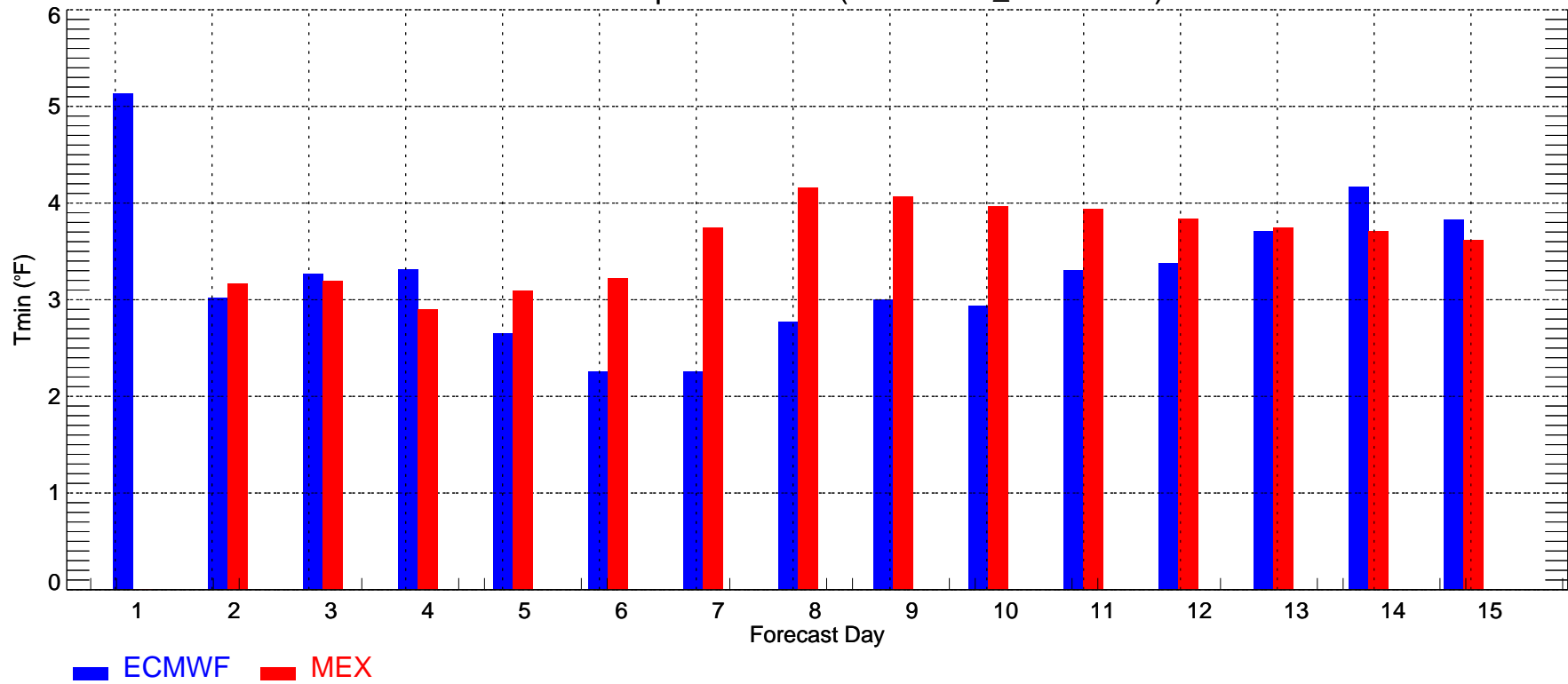
ORD: Min Temperature MAE (2010-12-01\_2010-12-31)



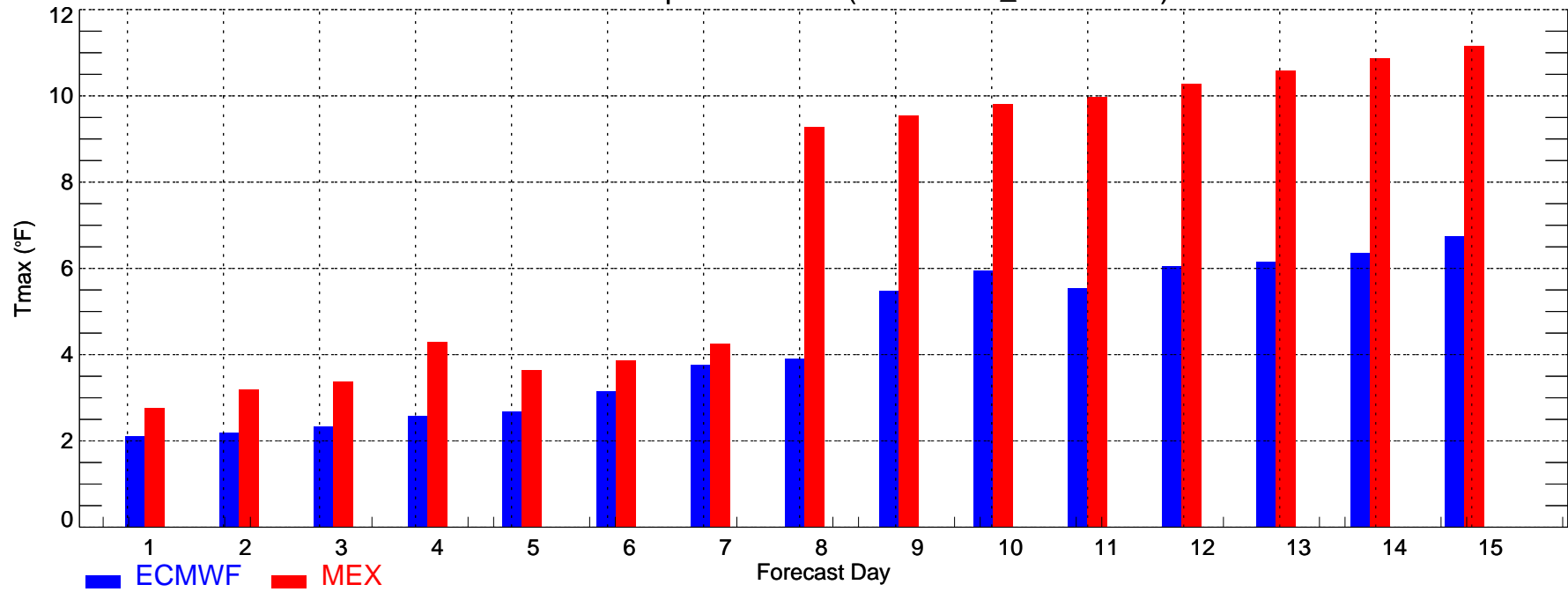
PDX: Max Temperature MAE (2010-12-01\_2010-12-31)



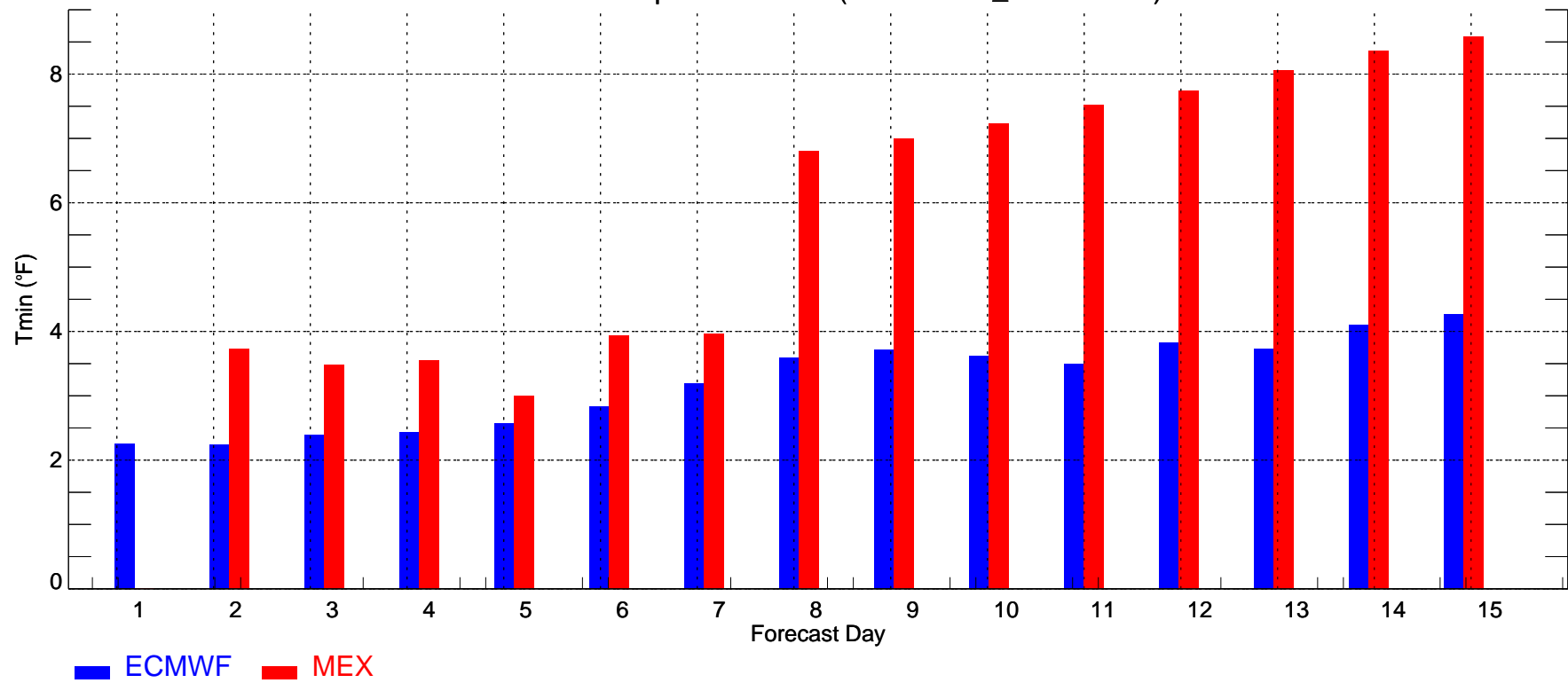
PDX: Min Temperature MAE (2010-12-01\_2010-12-31)



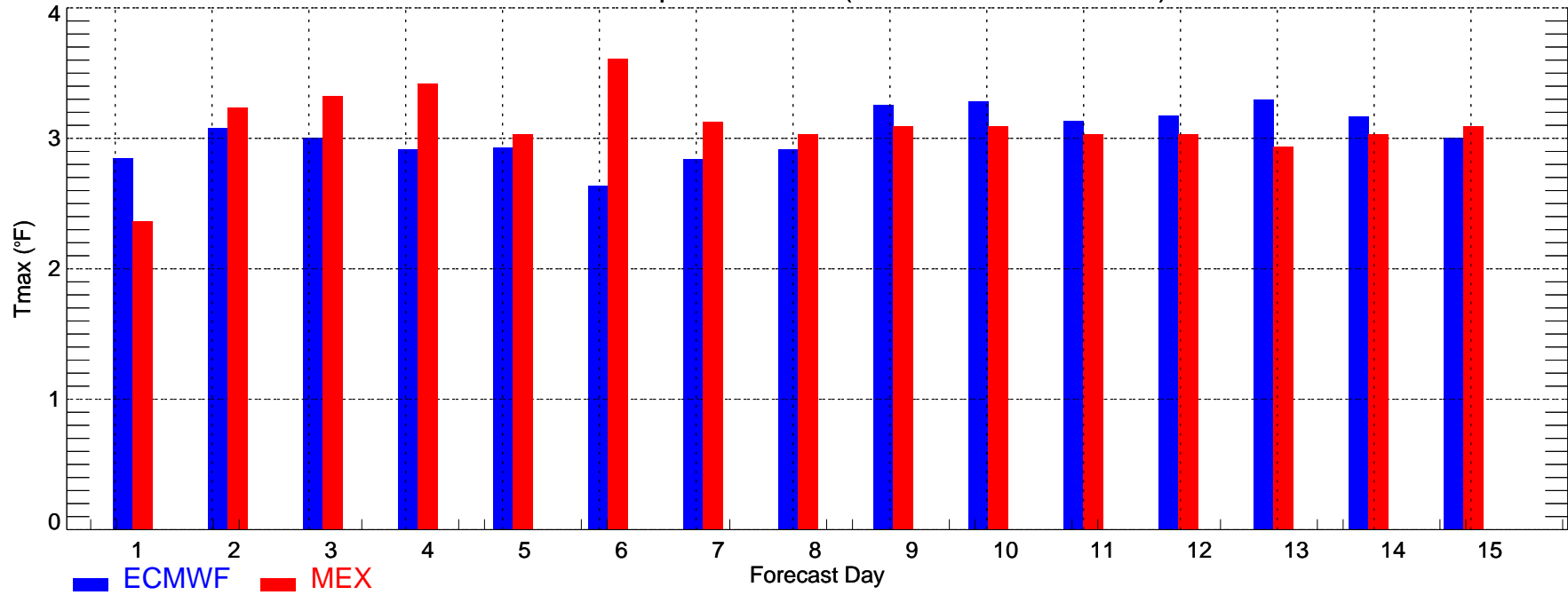
PHL: Max Temperature MAE (2010-12-01\_2010-12-31)



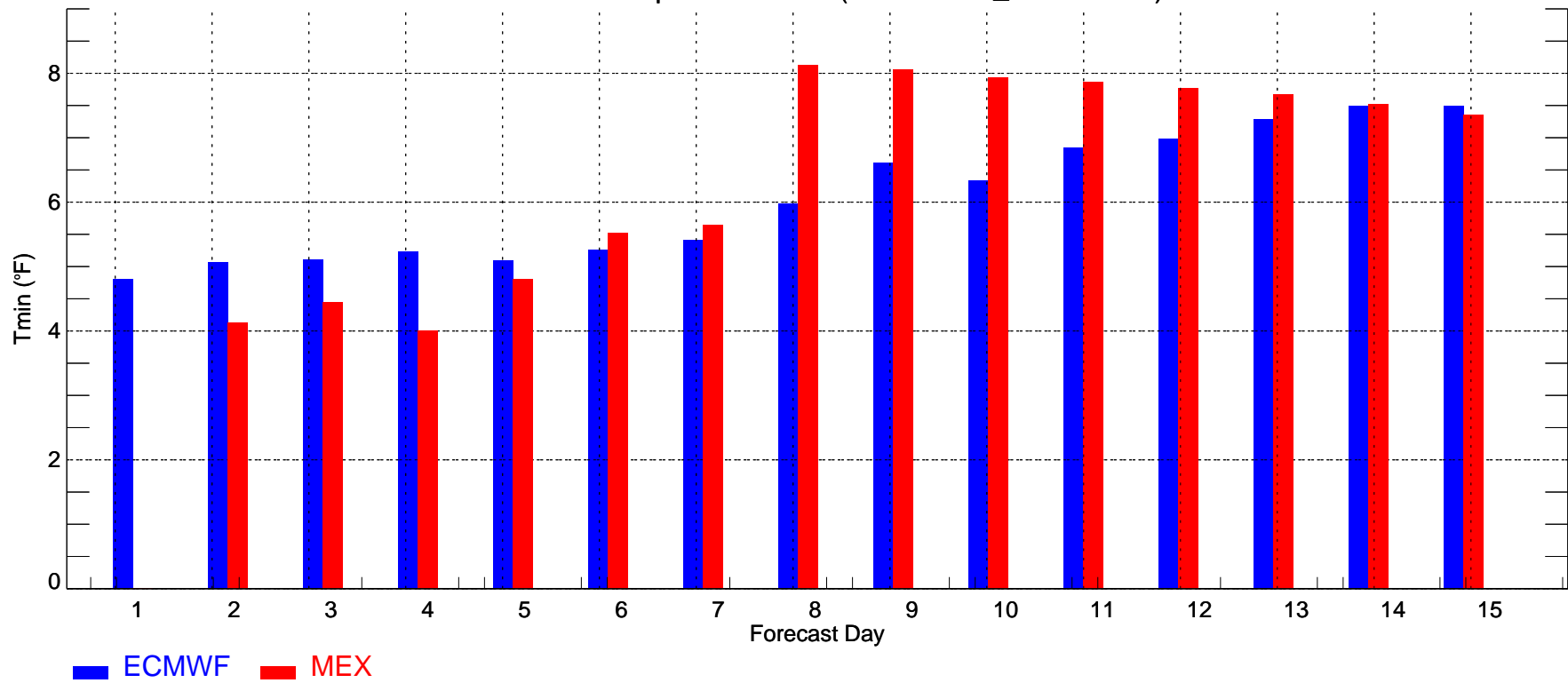
PHL: Min Temperature MAE (2010-12-01\_2010-12-31)



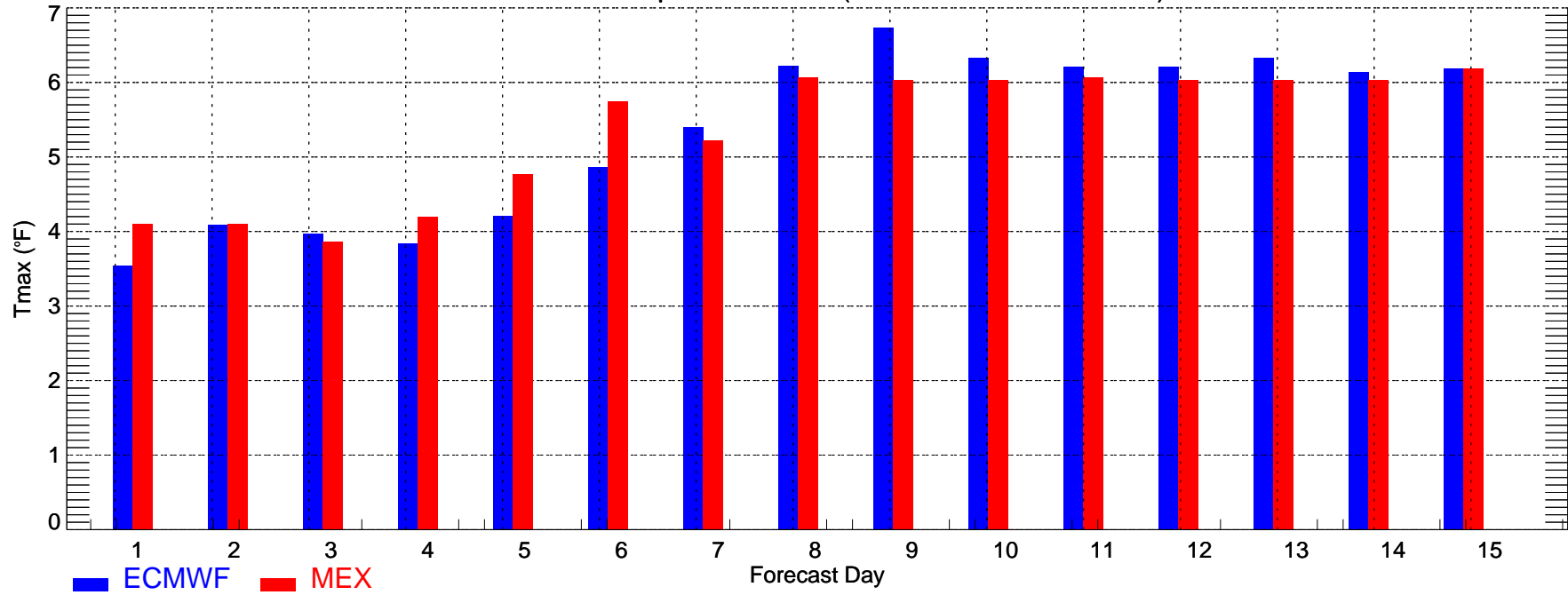
SAC: Max Temperature MAE (2010-12-01\_2010-12-31)



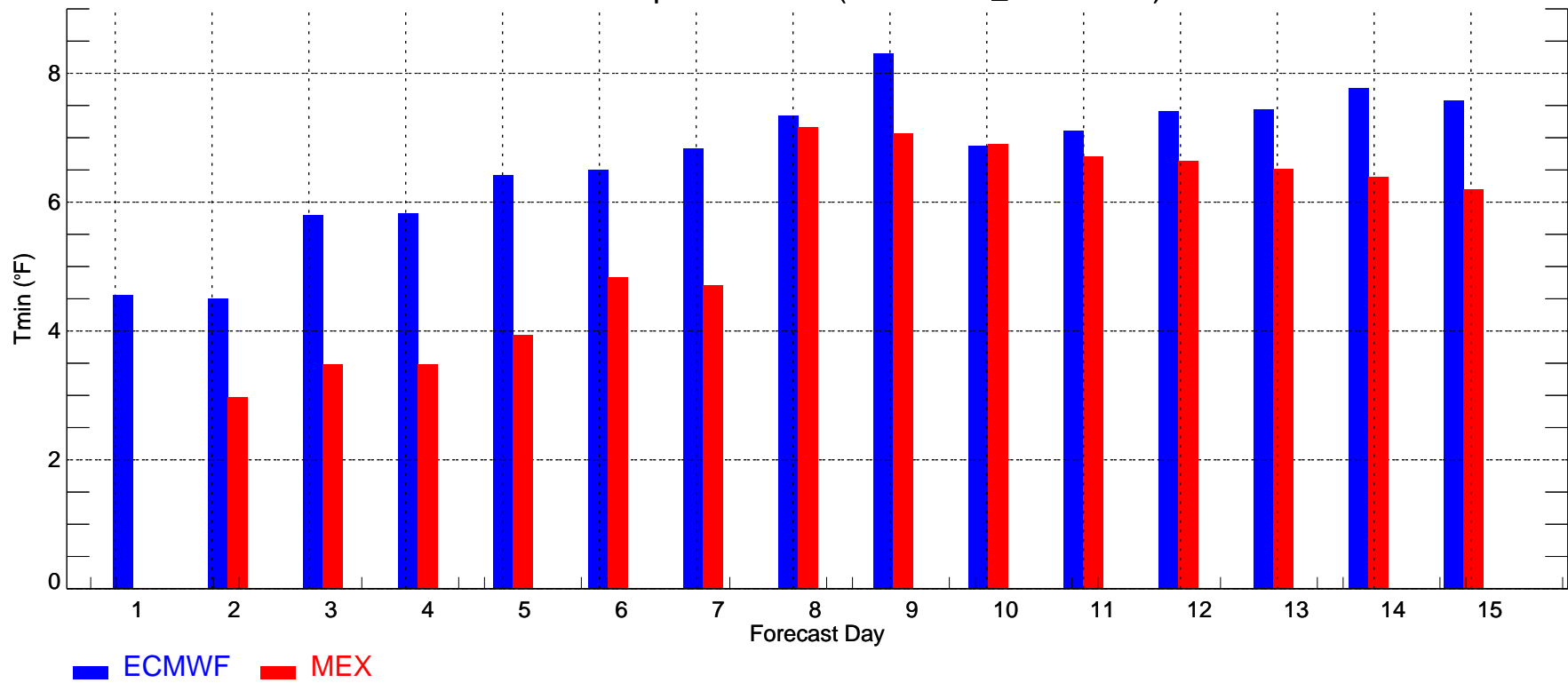
SAC: Min Temperature MAE (2010-12-01\_2010-12-31)



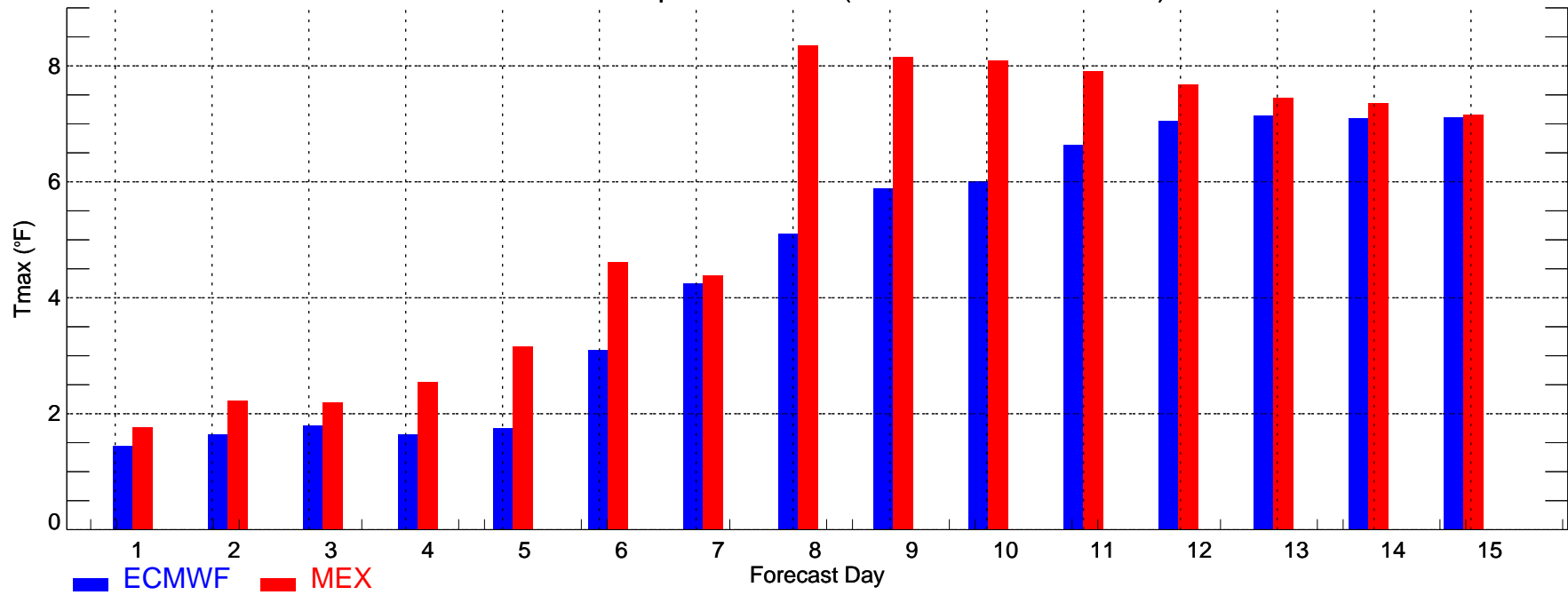
SLC: Max Temperature MAE (2010-12-01\_2010-12-31)



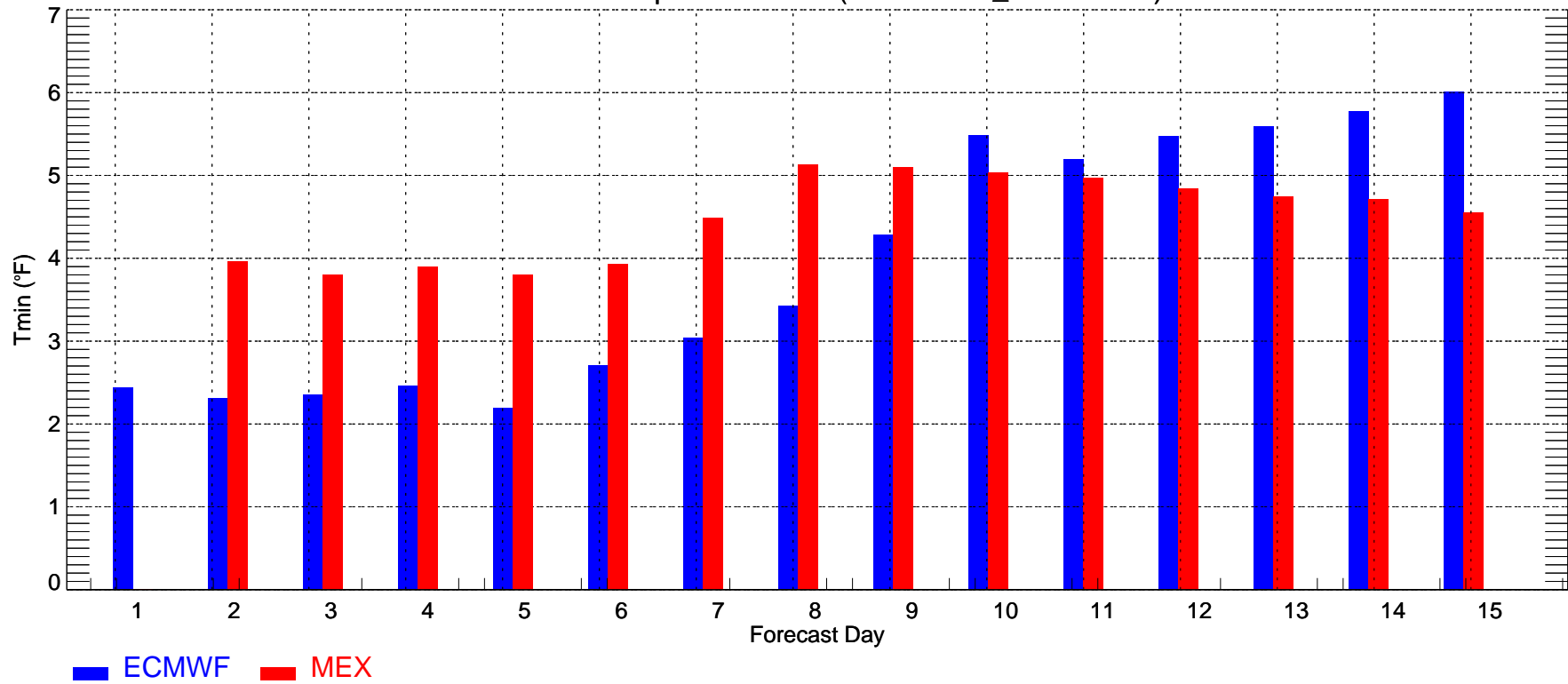
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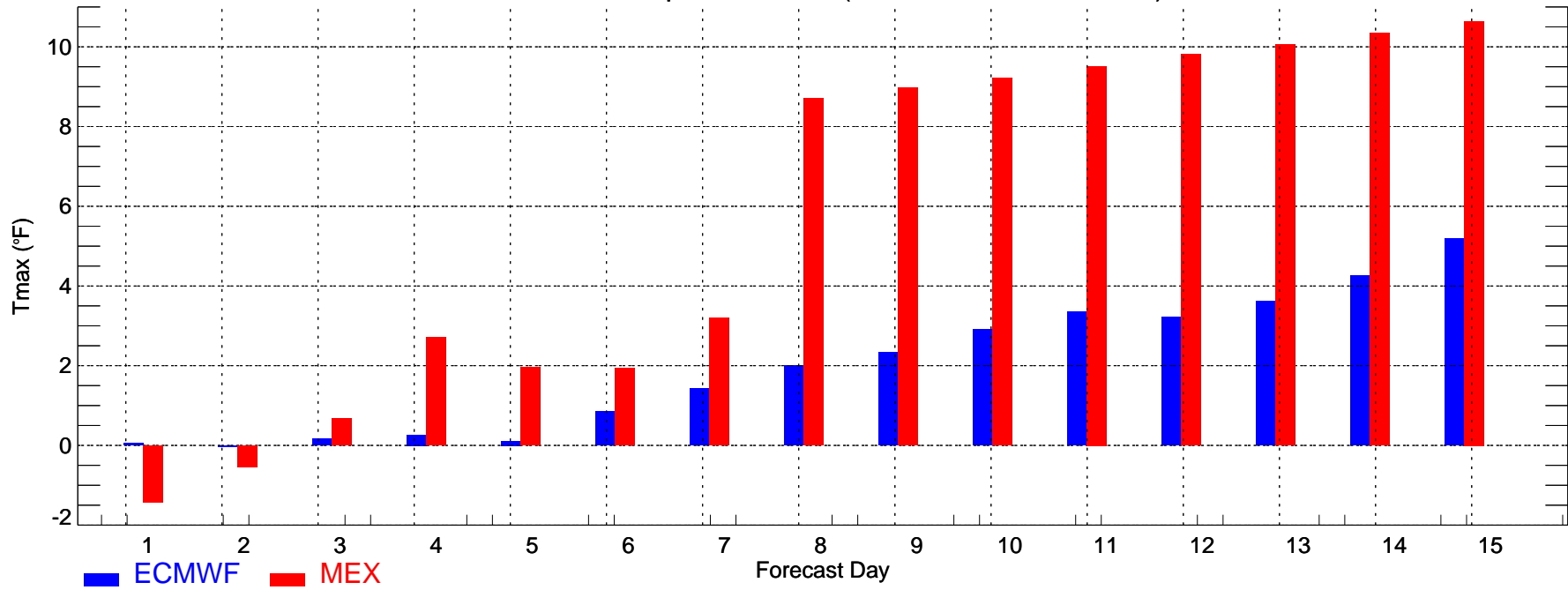
TUS: Max Temperature MAE (2010-12-01\_2010-12-31)



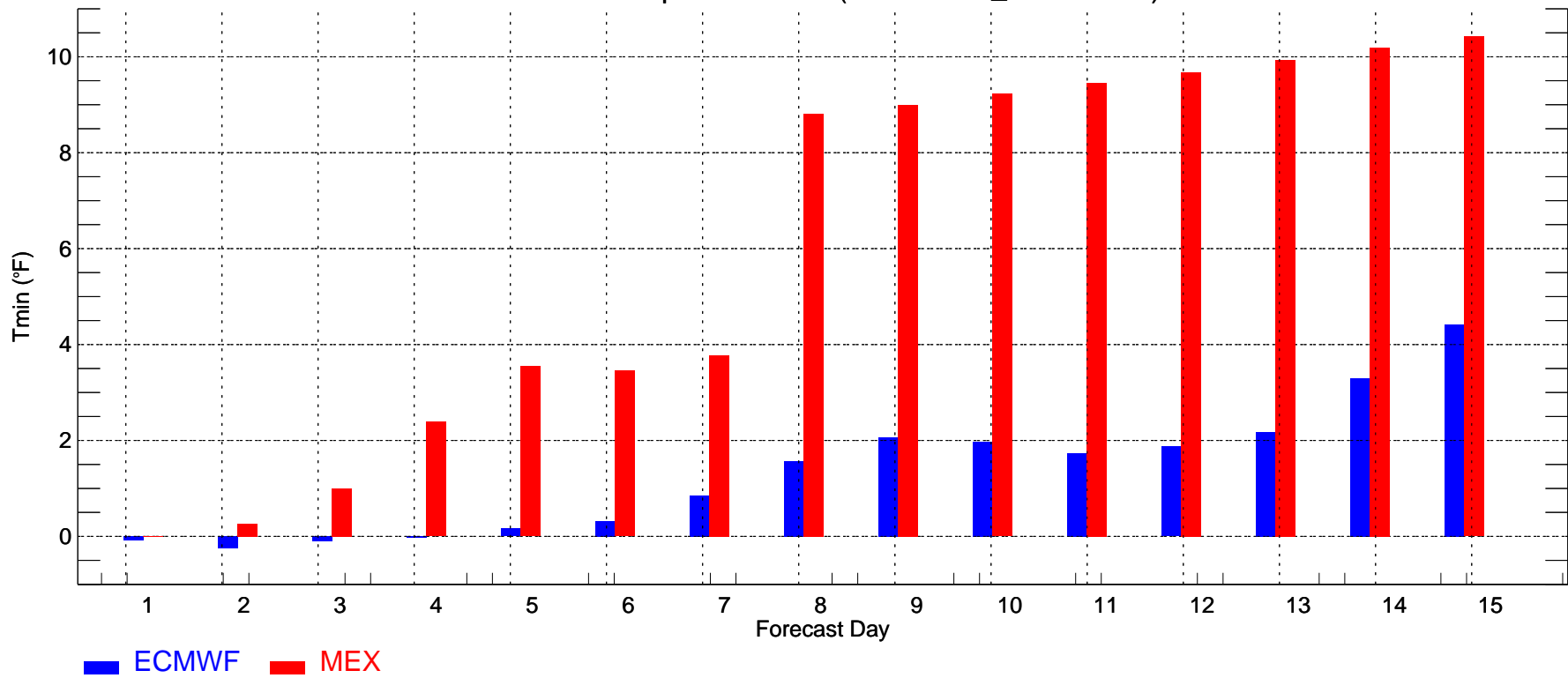
TUS: Min Temperature MAE (2010-12-01\_2010-12-31)



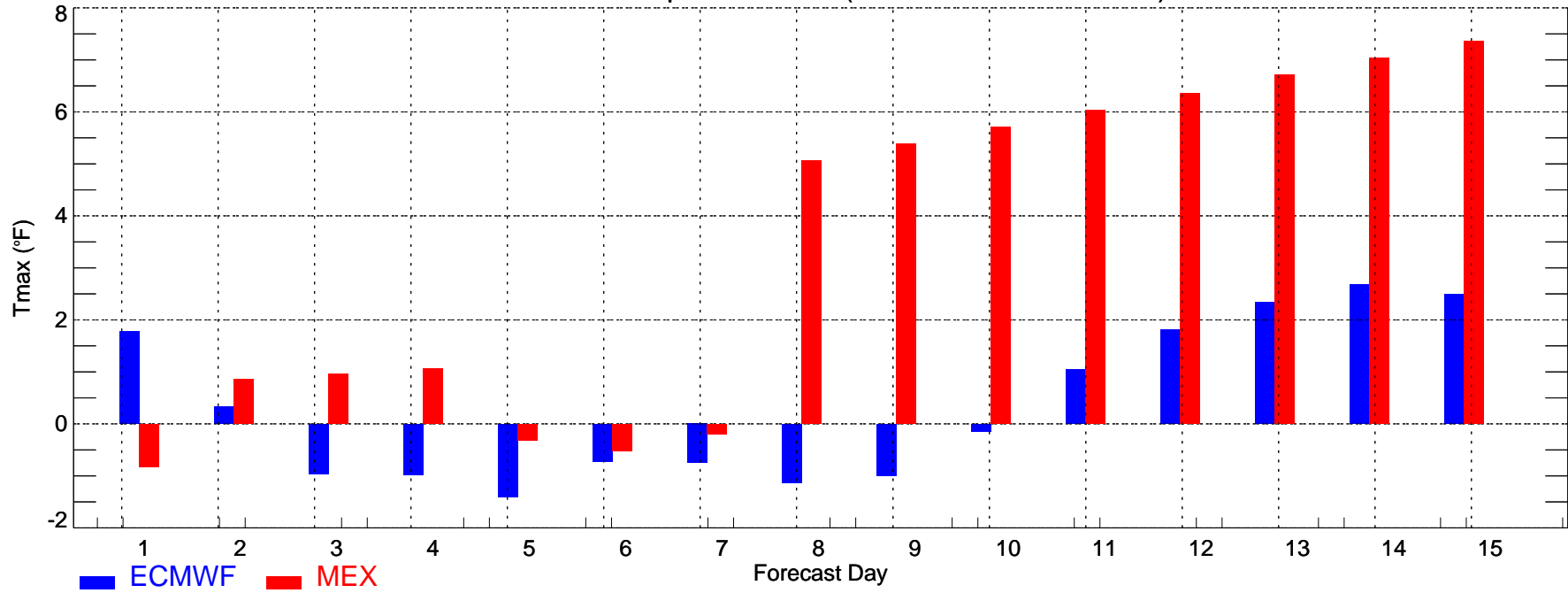
ATL: Max Temperature Bias (2010-12-01\_2010-12-31)



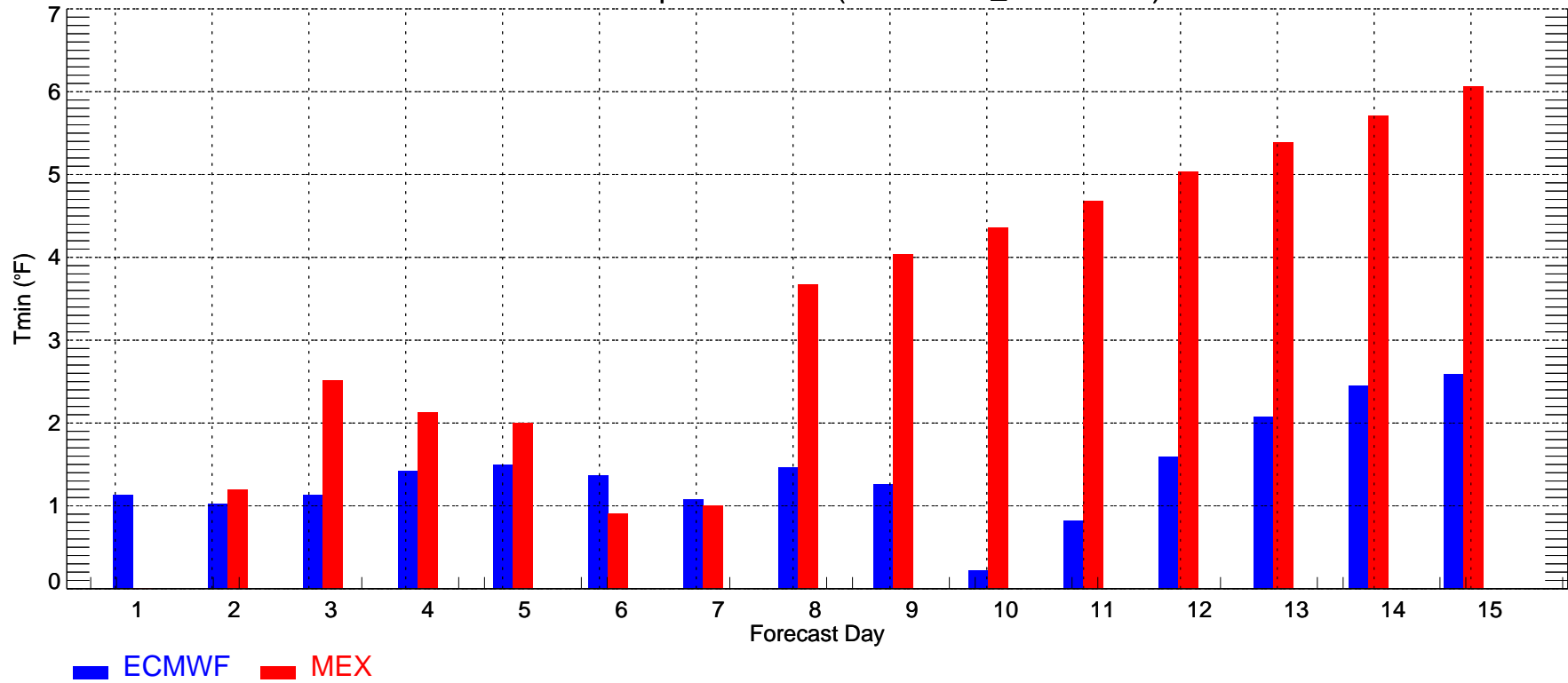
ATL: Min Temperature Bias (2010-12-01\_2010-12-31)



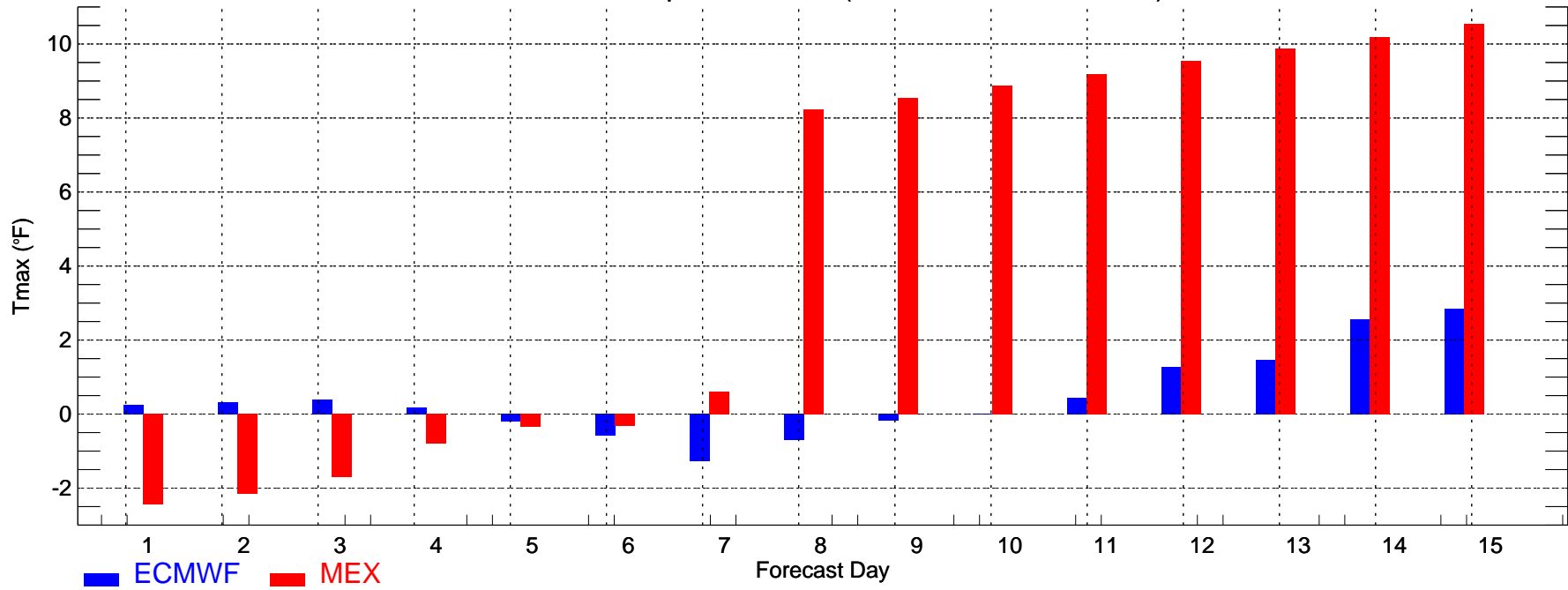
BOS: Max Temperature Bias (2010-12-01\_2010-12-31)



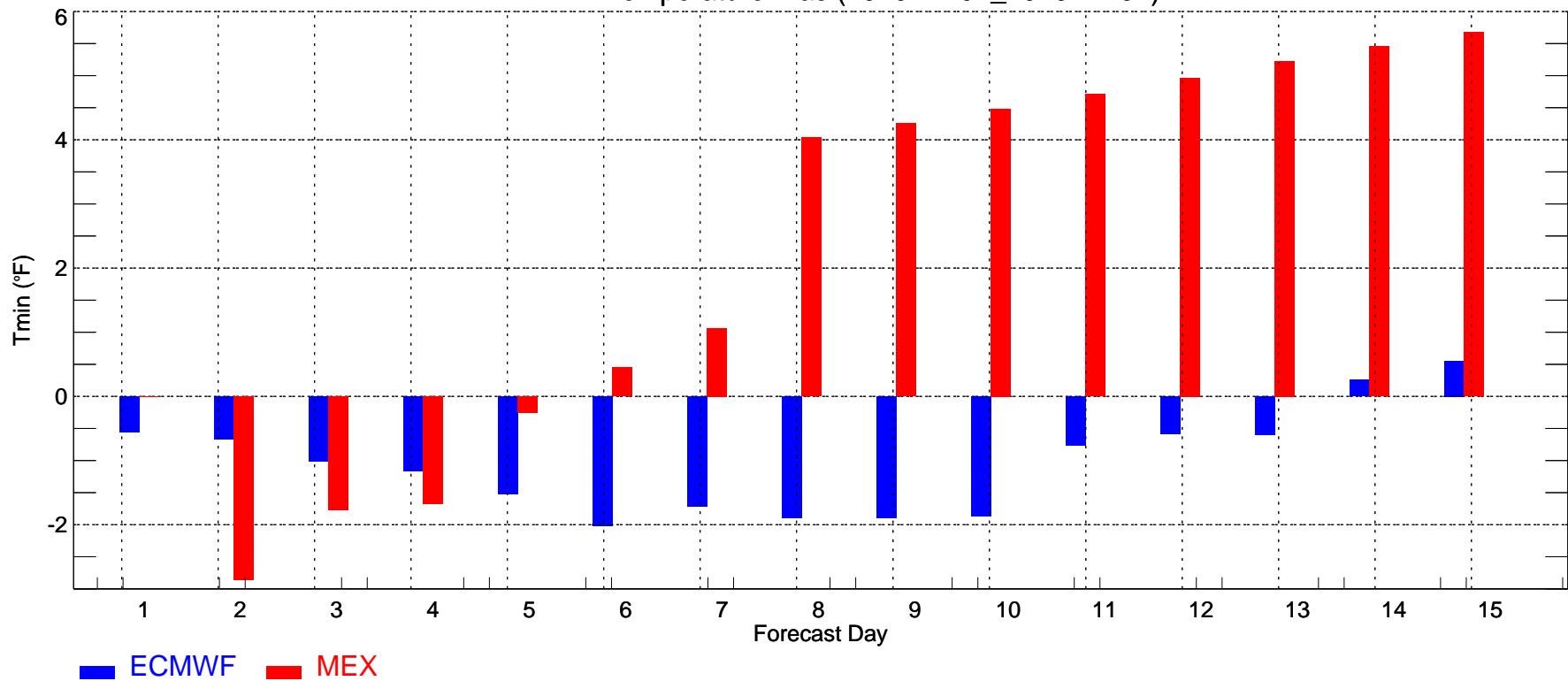
BOS: Min Temperature Bias (2010-12-01\_2010-12-31)



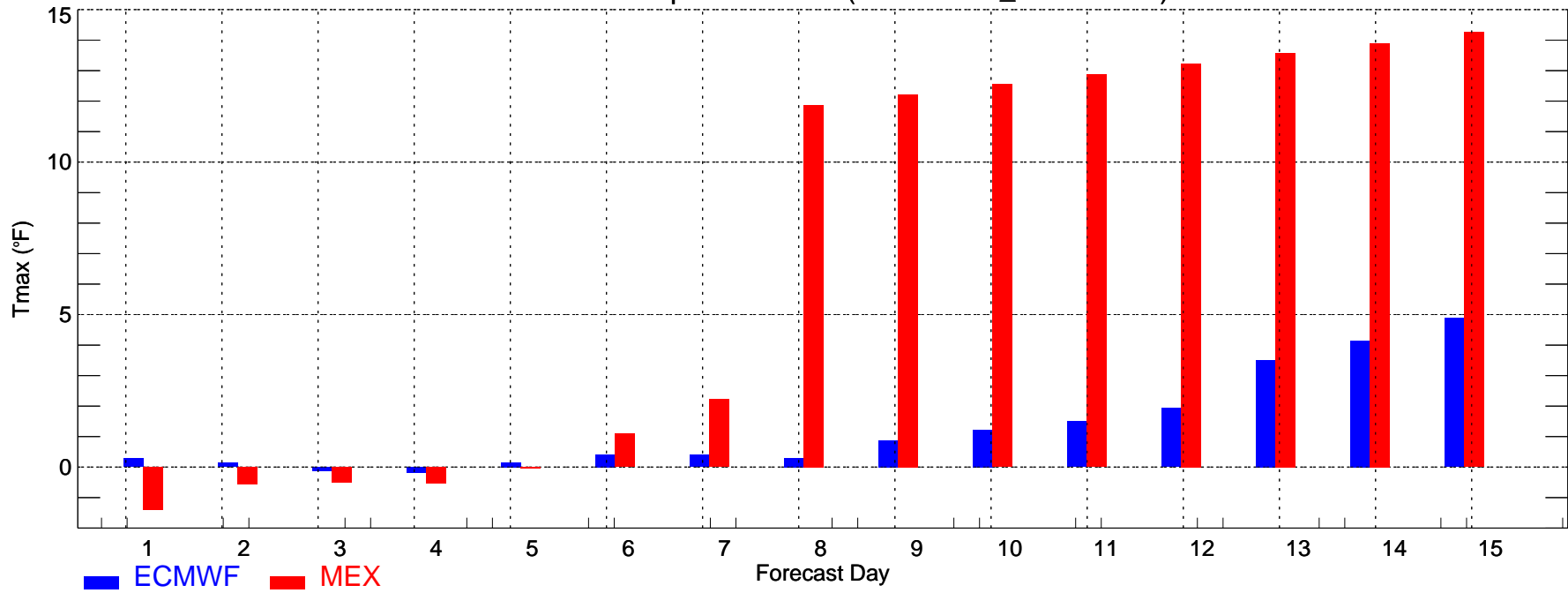
BWI: Max Temperature Bias (2010-12-01\_2010-12-31)



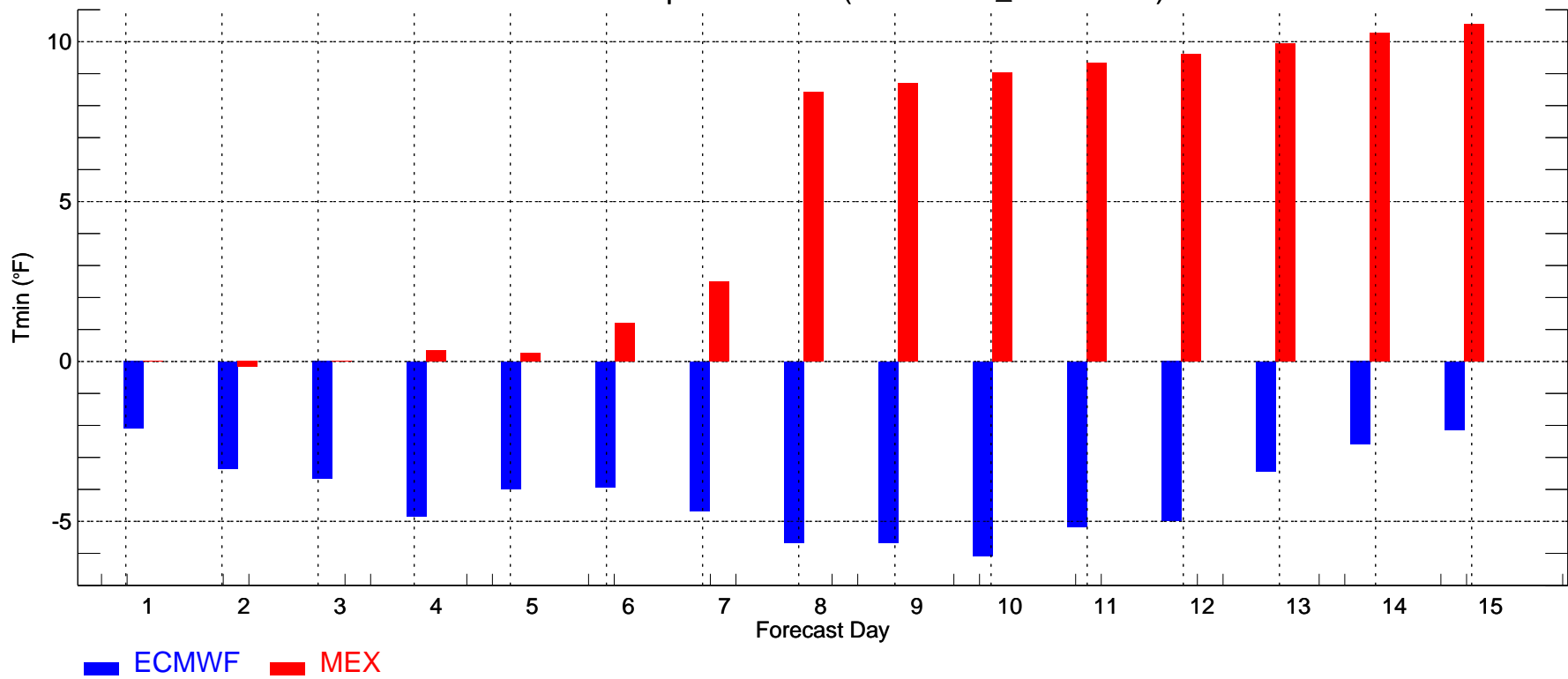
BWI: Min Temperature Bias (2010-12-01\_2010-12-31)



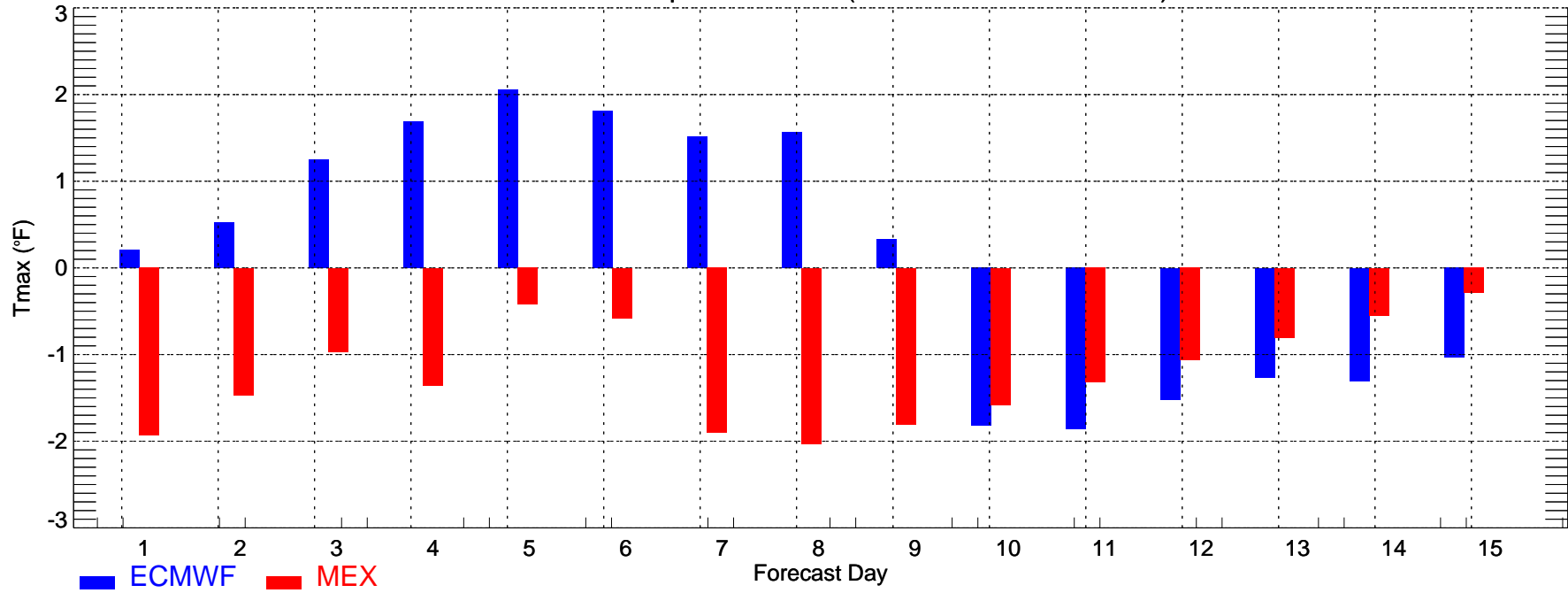
CVG: Max Temperature Bias (2010-12-01\_2010-12-31)



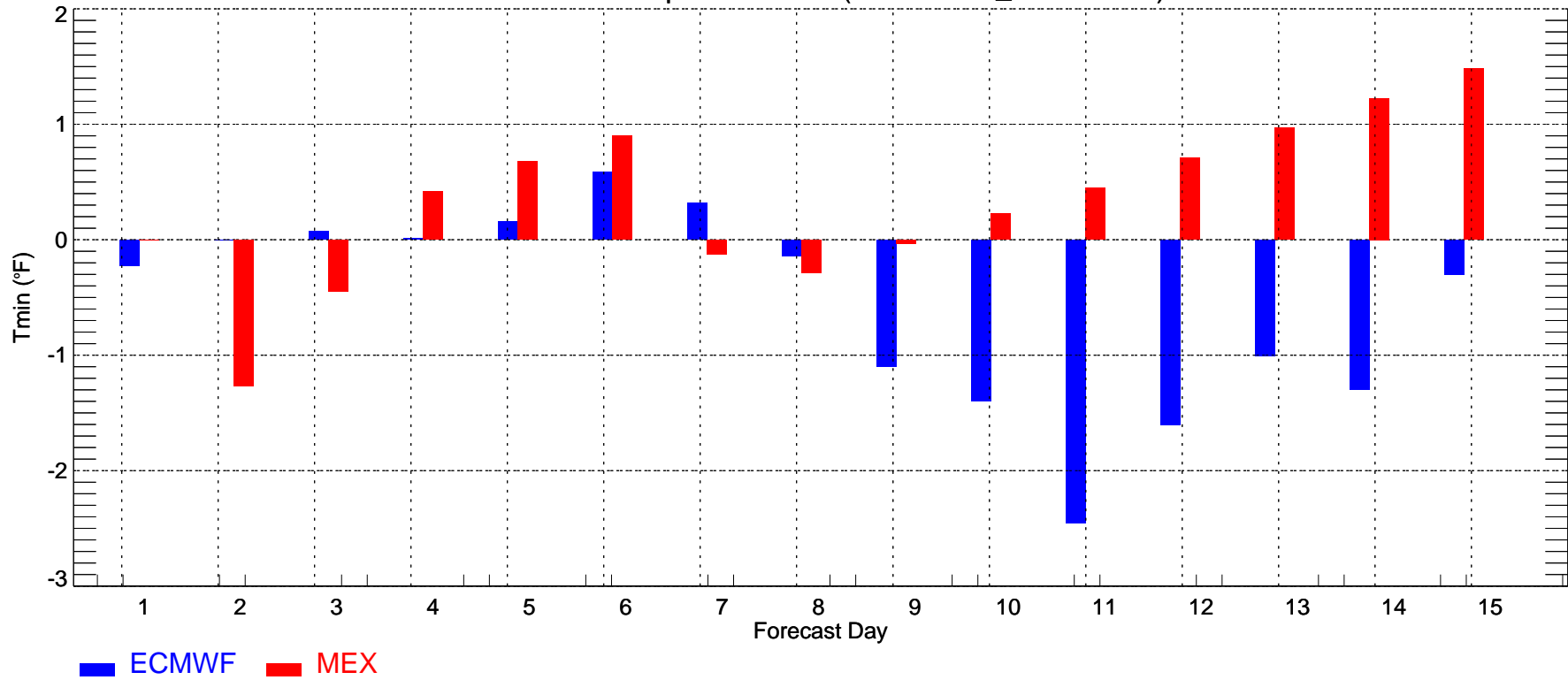
CVG: Min Temperature Bias (2010-12-01\_2010-12-31)



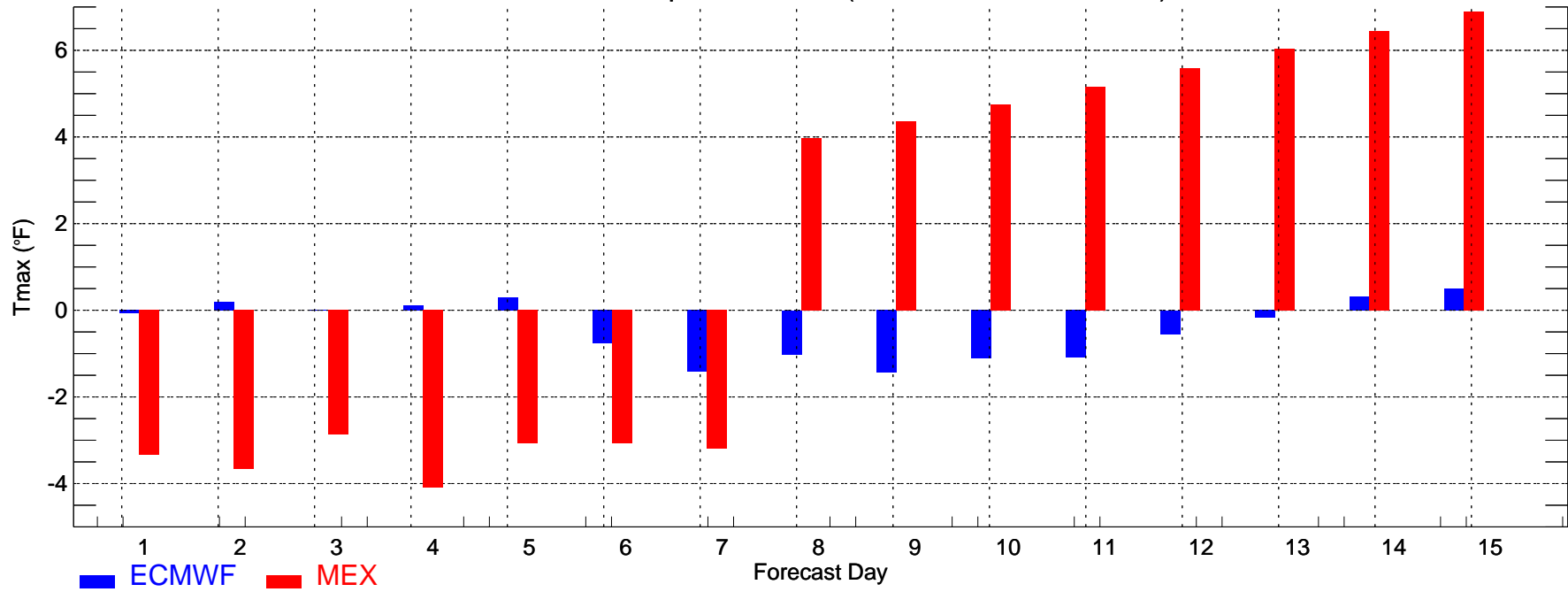
DFW: Max Temperature Bias (2010-12-01\_2010-12-31)



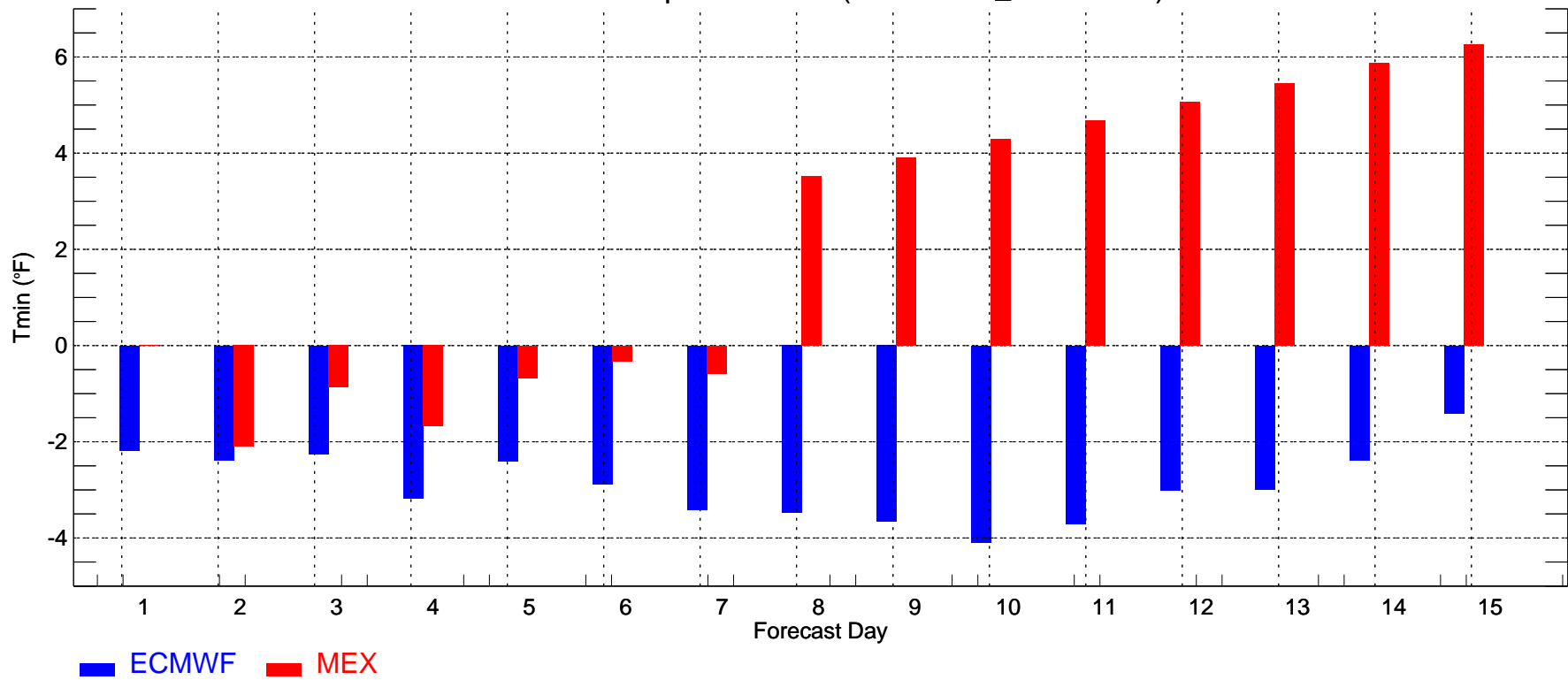
DFW: Min Temperature Bias (2010-12-01\_2010-12-31)



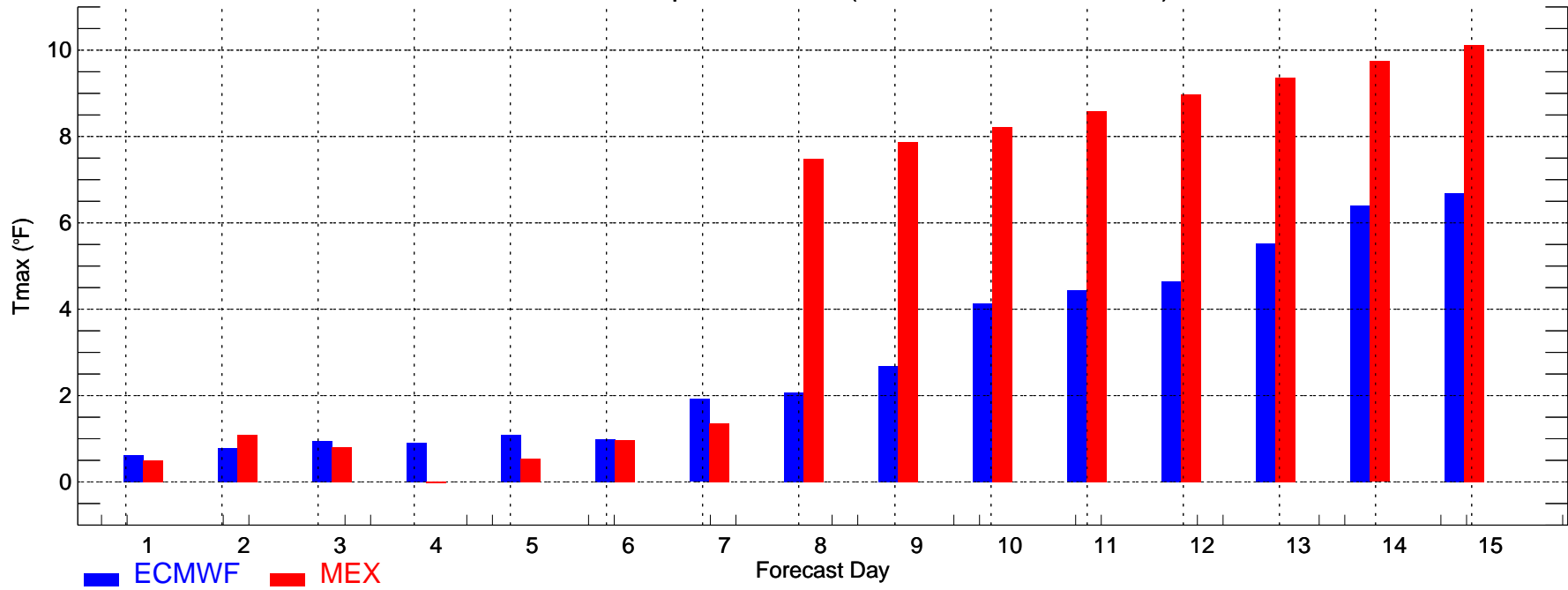
DSM: Max Temperature Bias (2010-12-01\_2010-12-31)



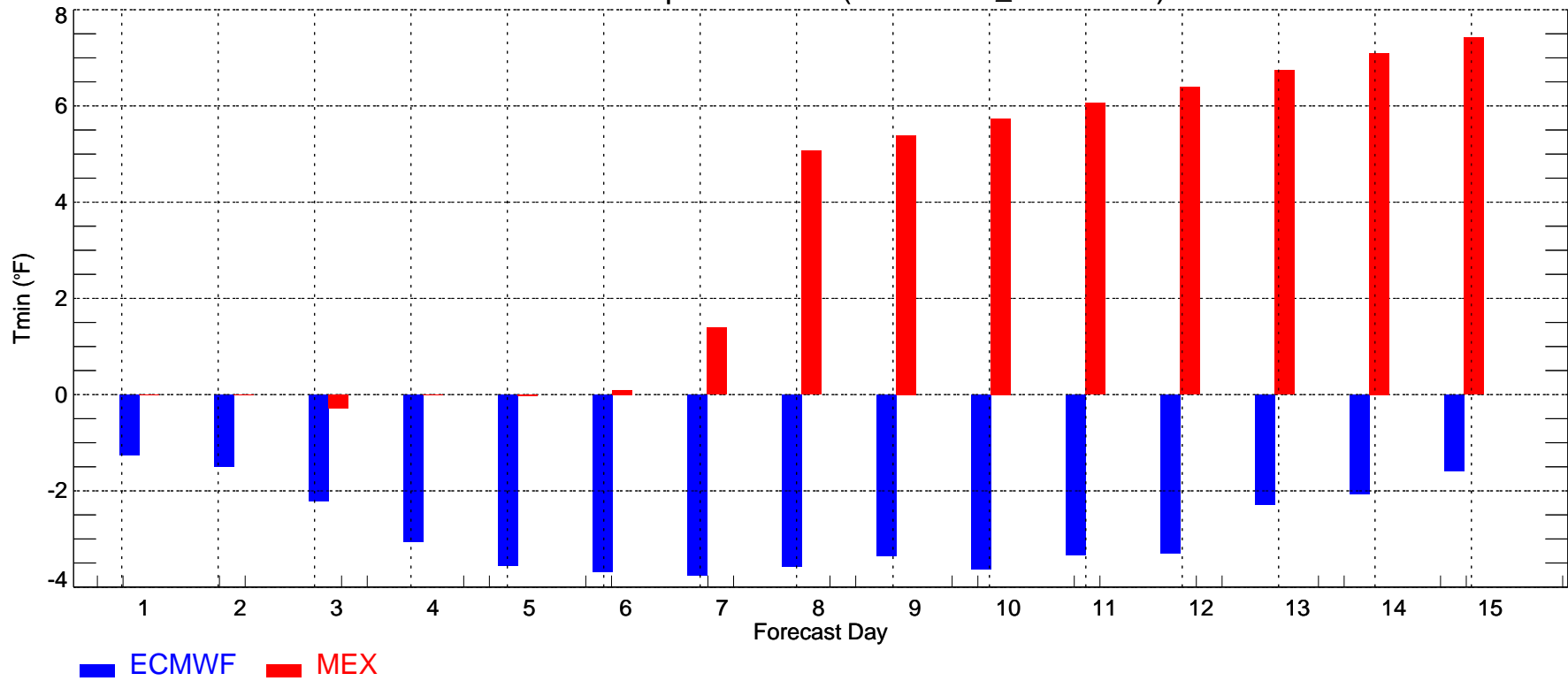
DSM: Min Temperature Bias (2010-12-01\_2010-12-31)



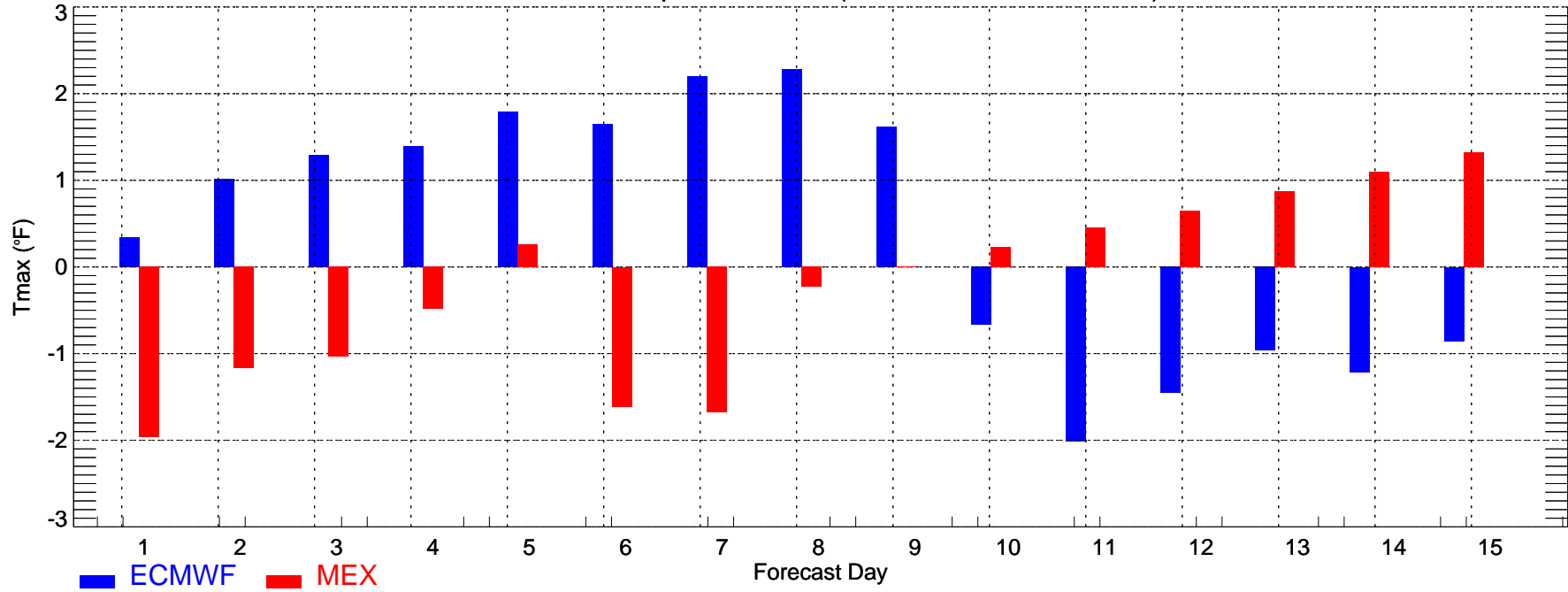
DTW: Max Temperature Bias (2010-12-01\_2010-12-31)



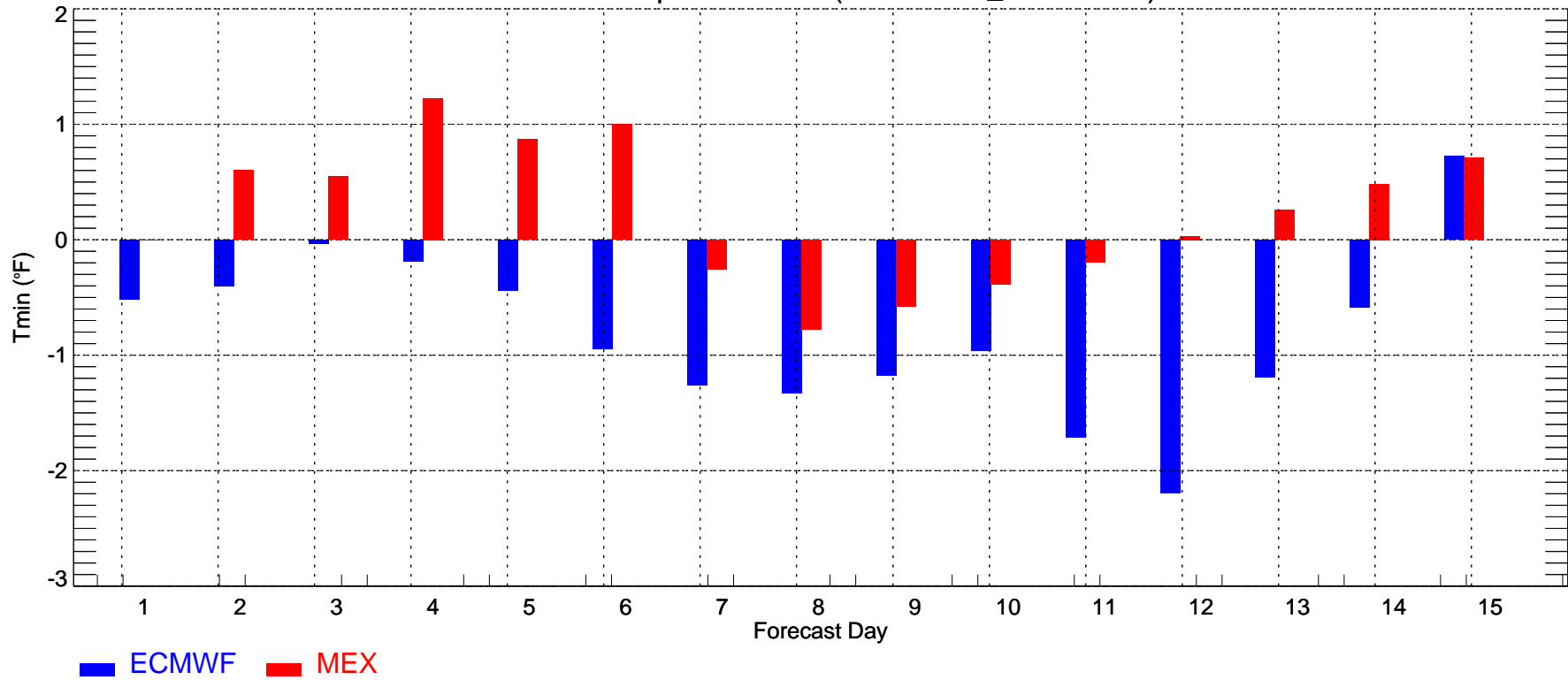
DTW: Min Temperature Bias (2010-12-01\_2010-12-31)



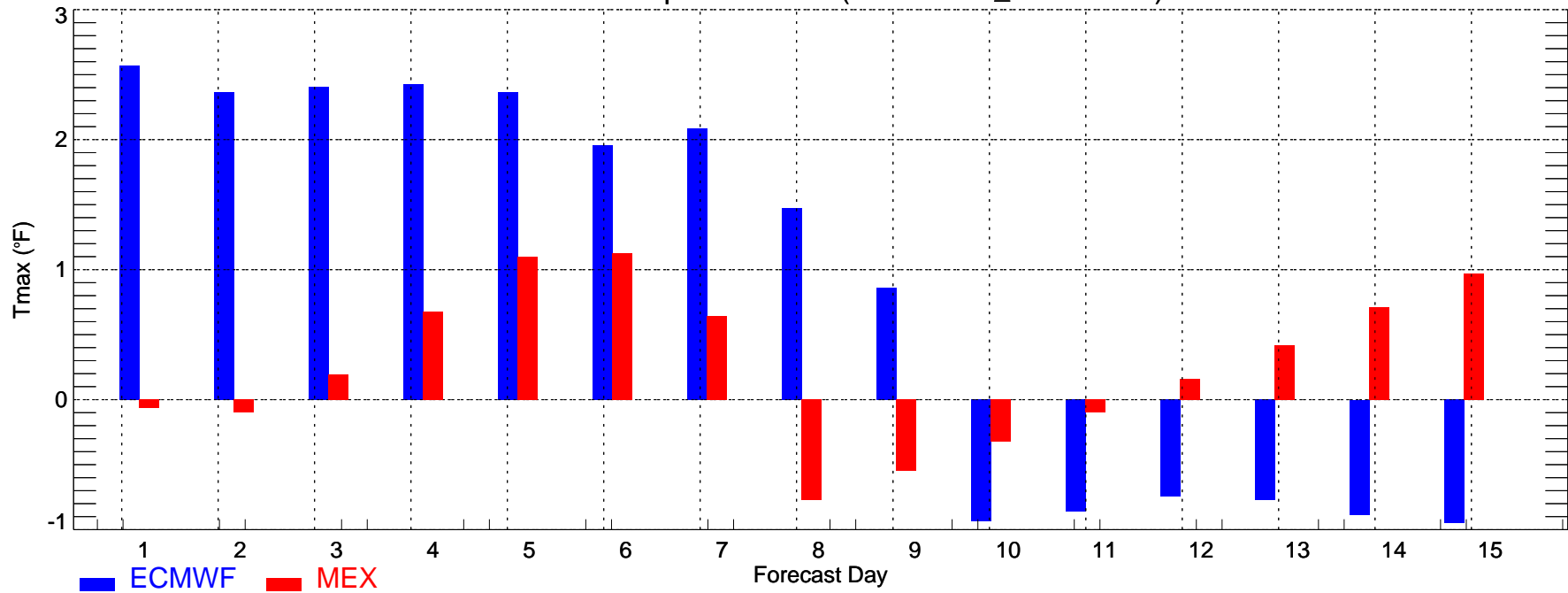
IAH: Max Temperature Bias (2010-12-01\_2010-12-31)



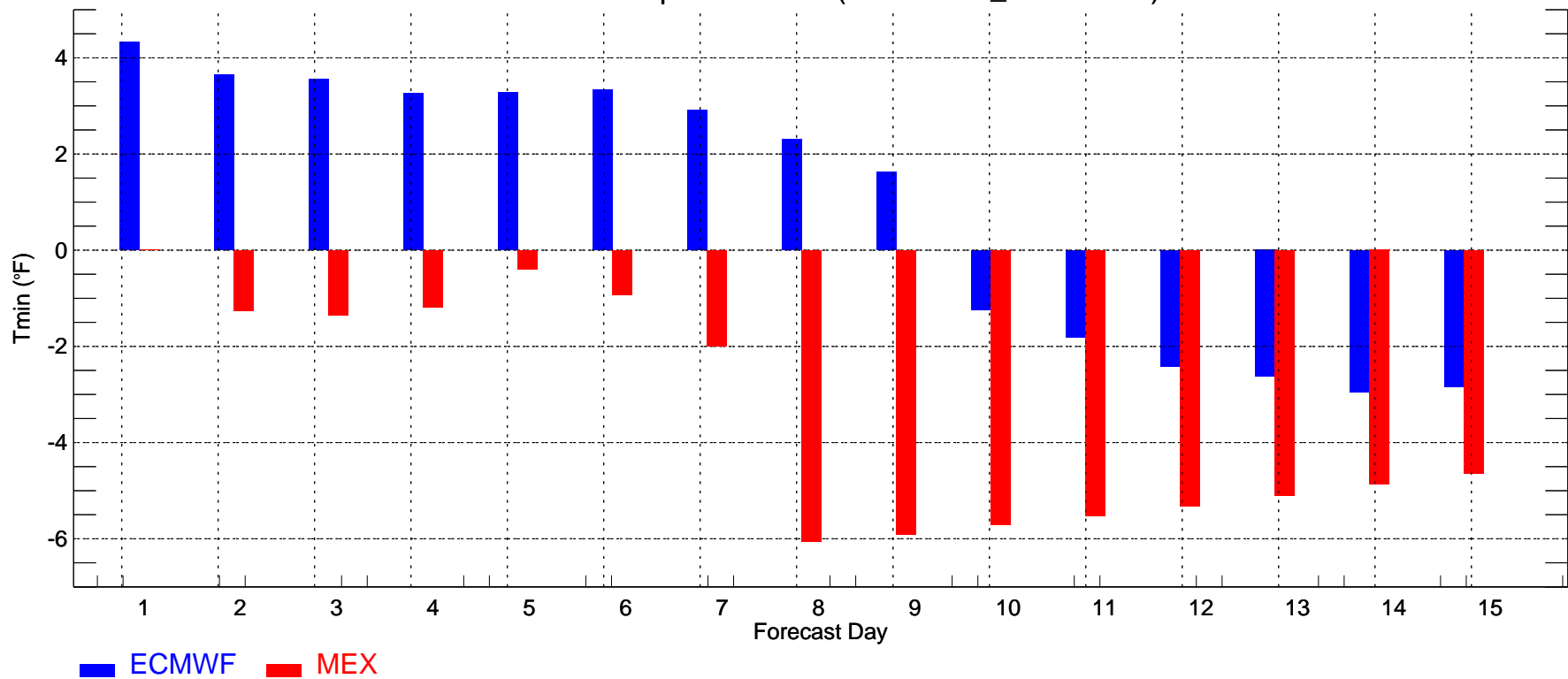
IAH: Min Temperature Bias (2010-12-01\_2010-12-31)



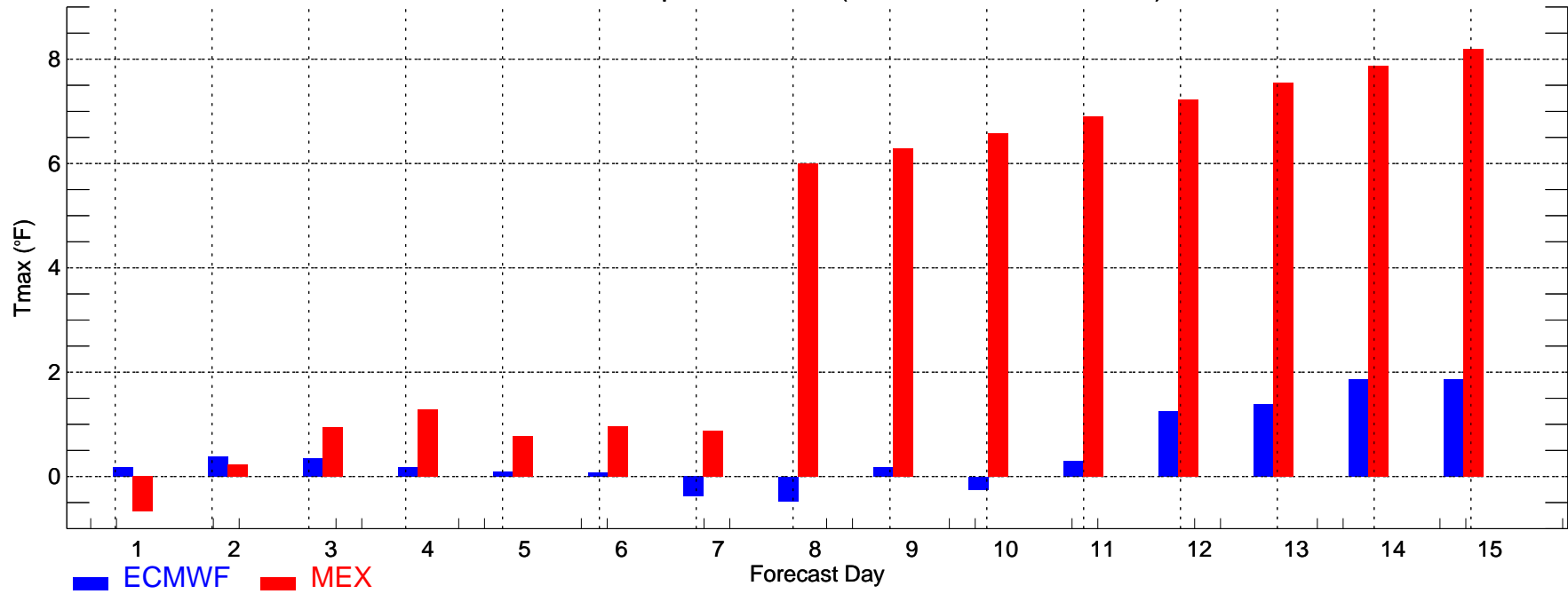
LAS: Max Temperature Bias (2010-12-01\_2010-12-31)



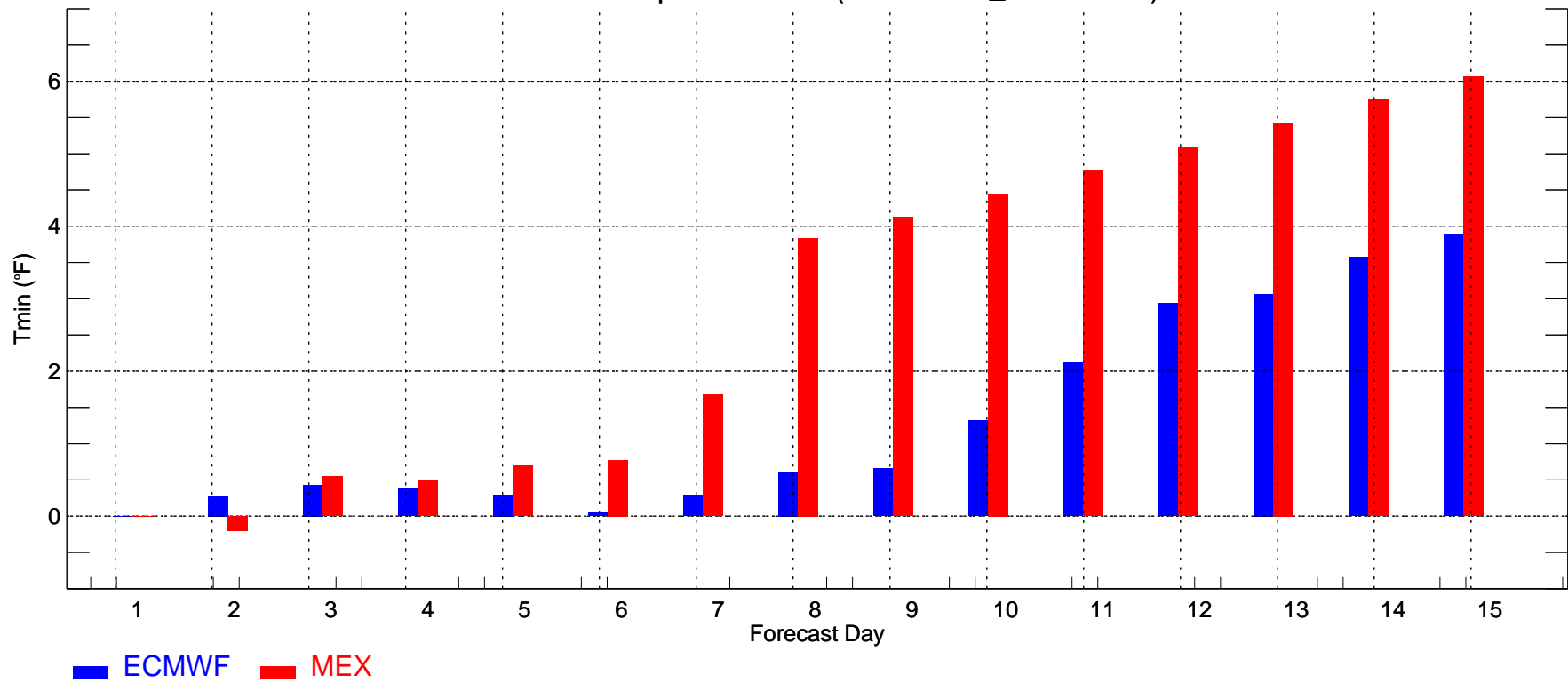
LAS: Min Temperature Bias (2010-12-01\_2010-12-31)



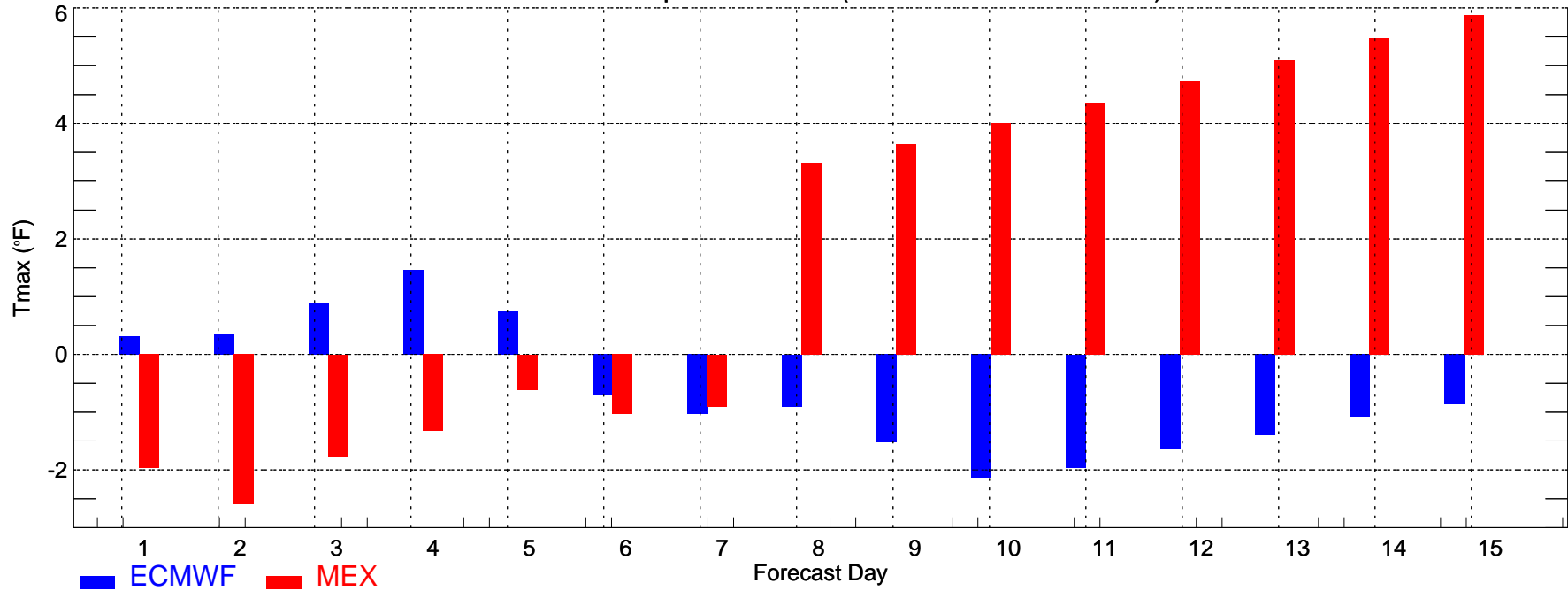
LGA: Max Temperature Bias (2010-12-01\_2010-12-31)



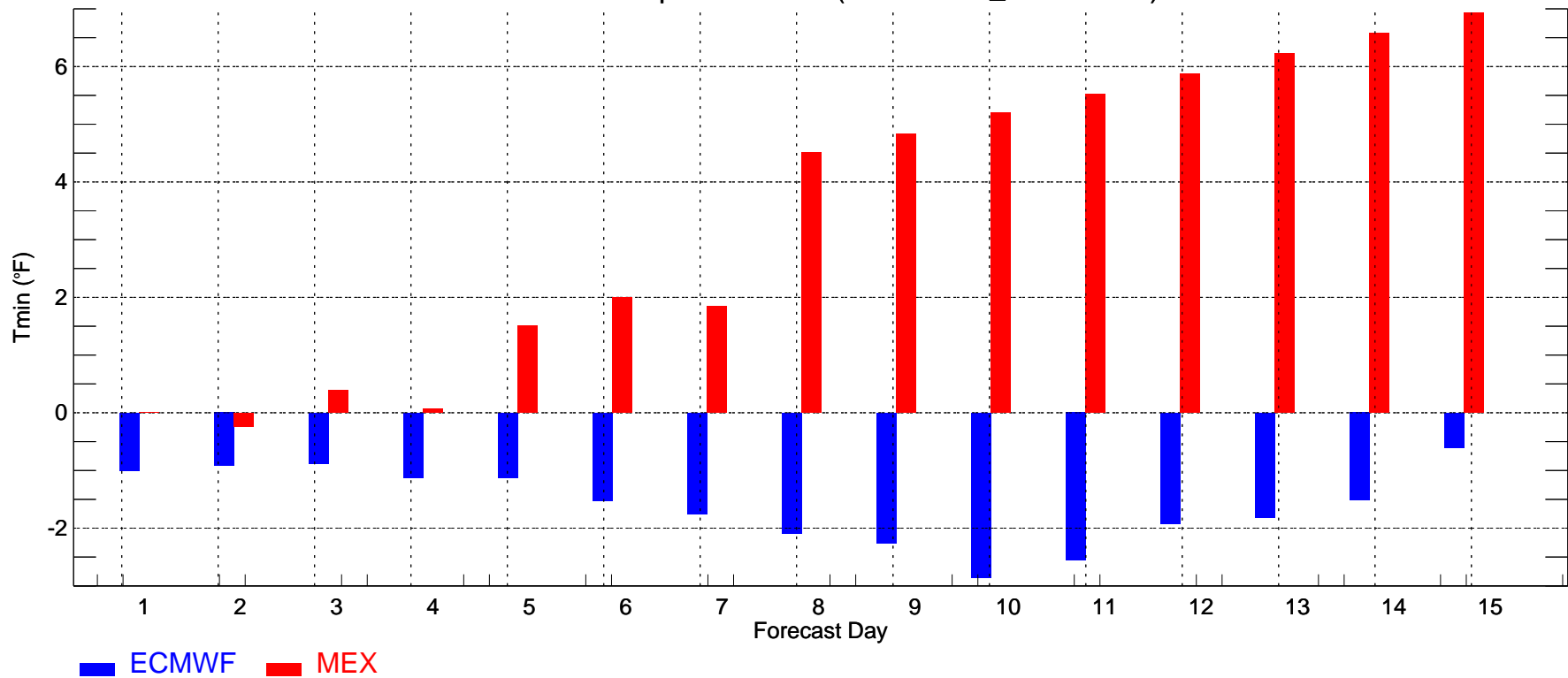
LGA: Min Temperature Bias (2010-12-01\_2010-12-31)



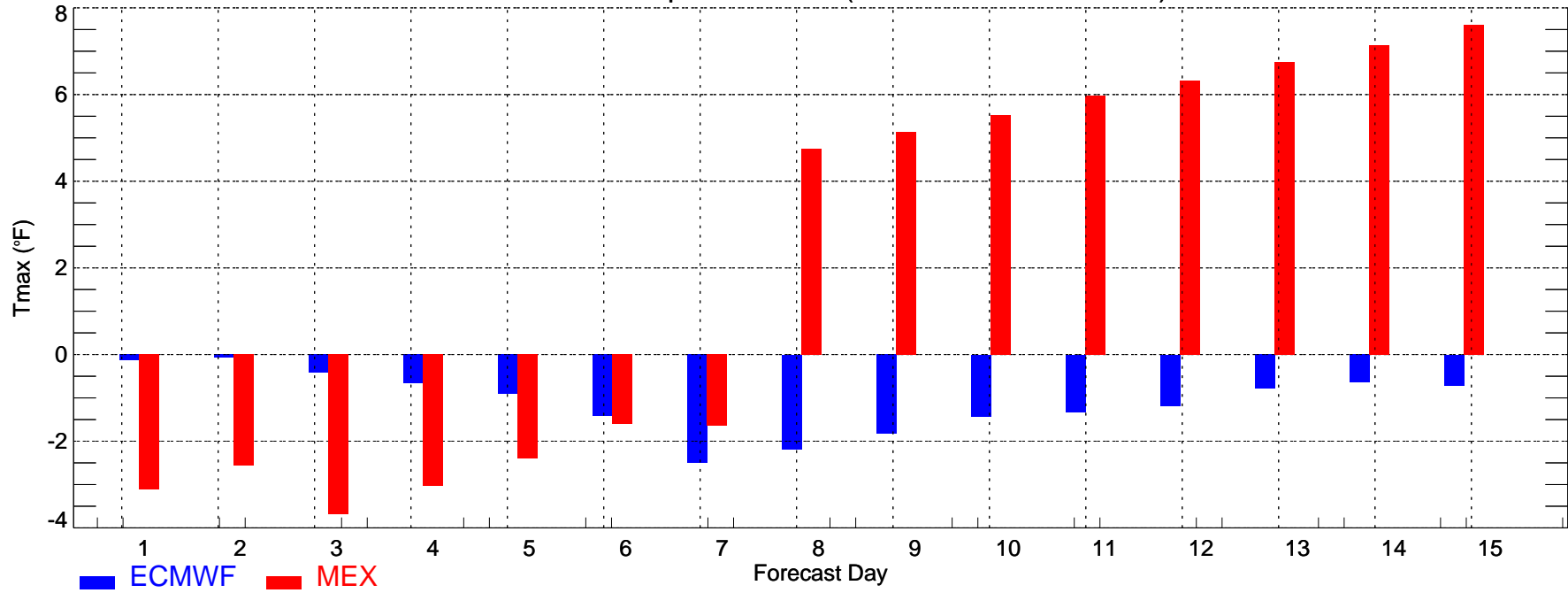
MCI: Max Temperature Bias (2010-12-01\_2010-12-31)



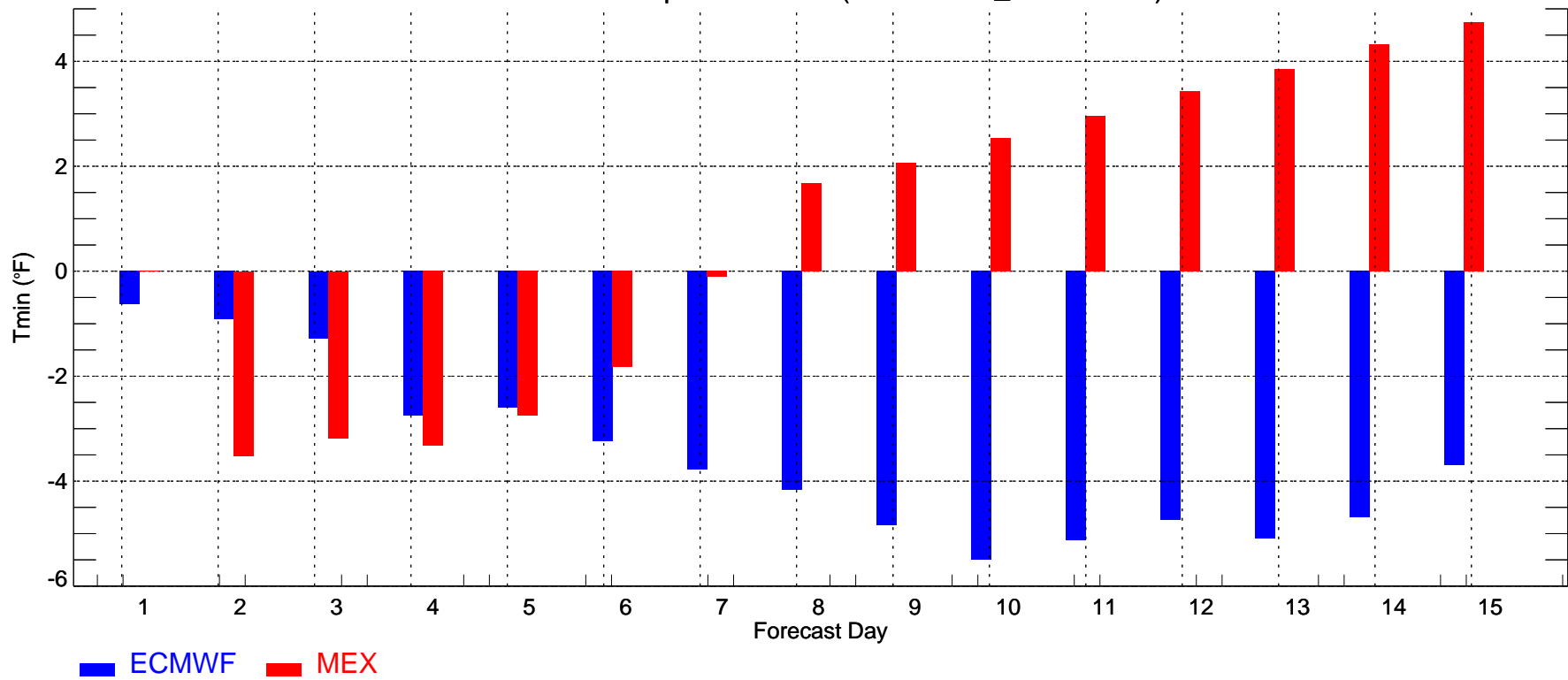
MCI: Min Temperature Bias (2010-12-01\_2010-12-31)



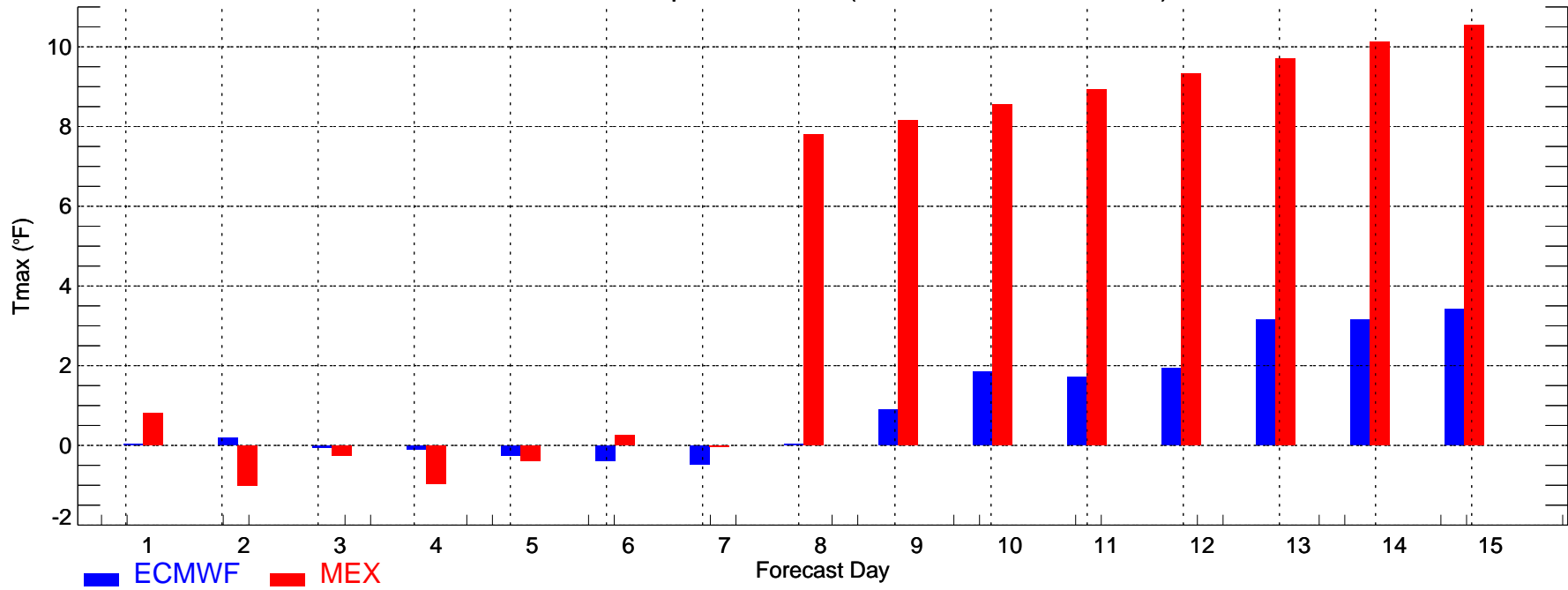
MSP: Max Temperature Bias (2010-12-01\_2010-12-31)



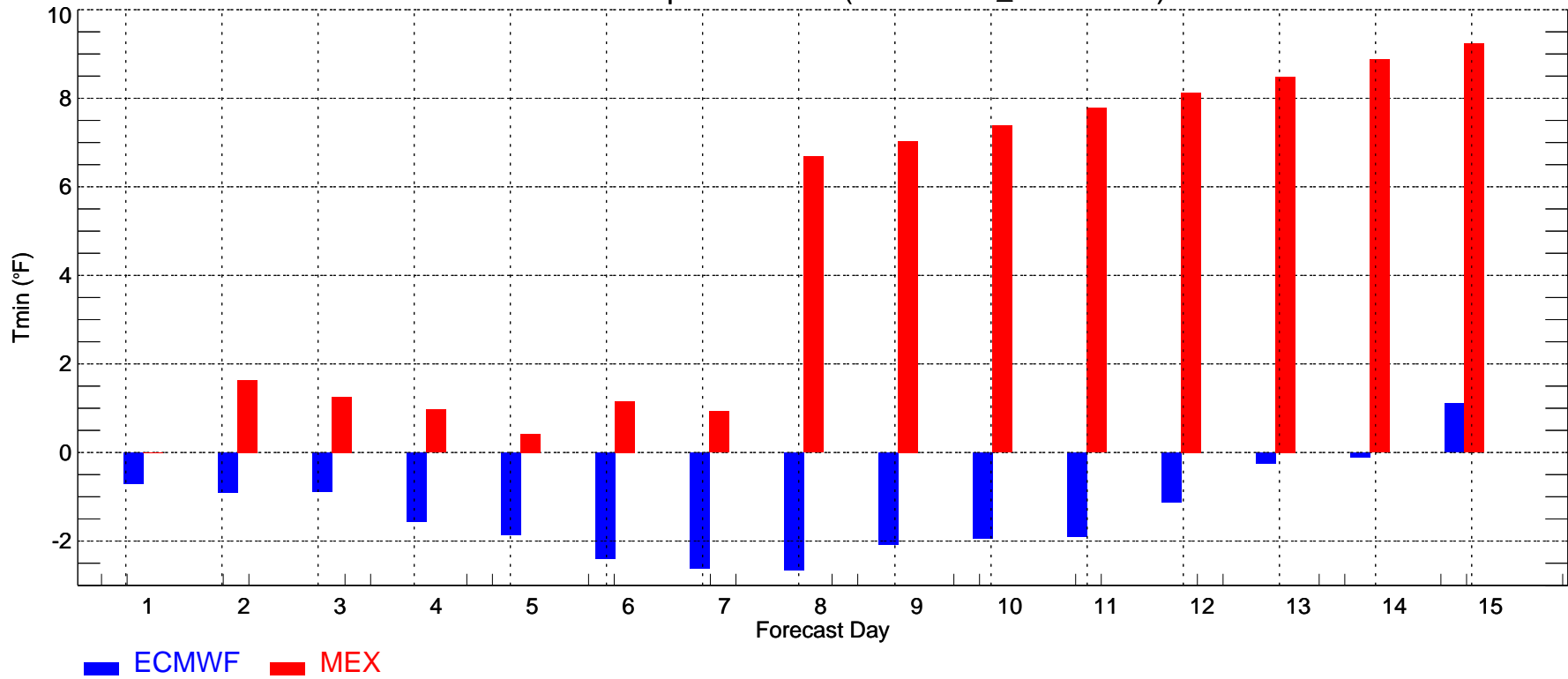
MSP: Min Temperature Bias (2010-12-01\_2010-12-31)



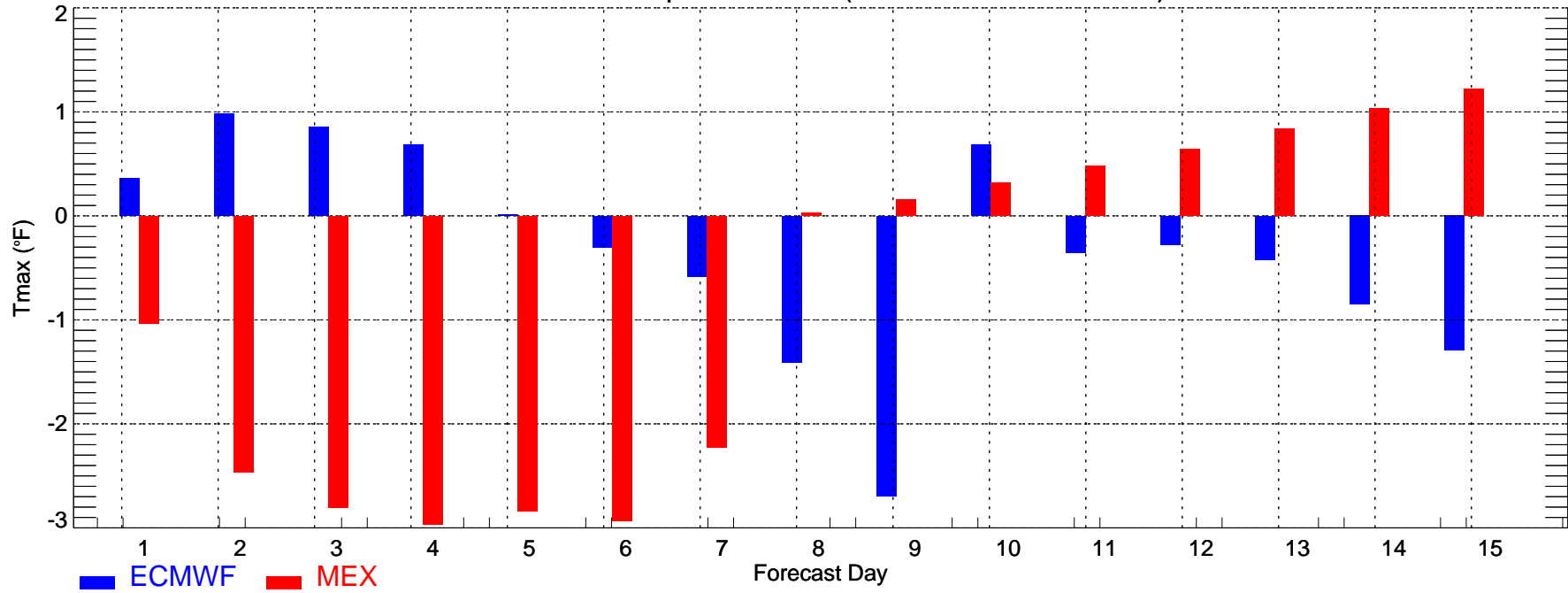
ORD: Max Temperature Bias (2010-12-01\_2010-12-31)



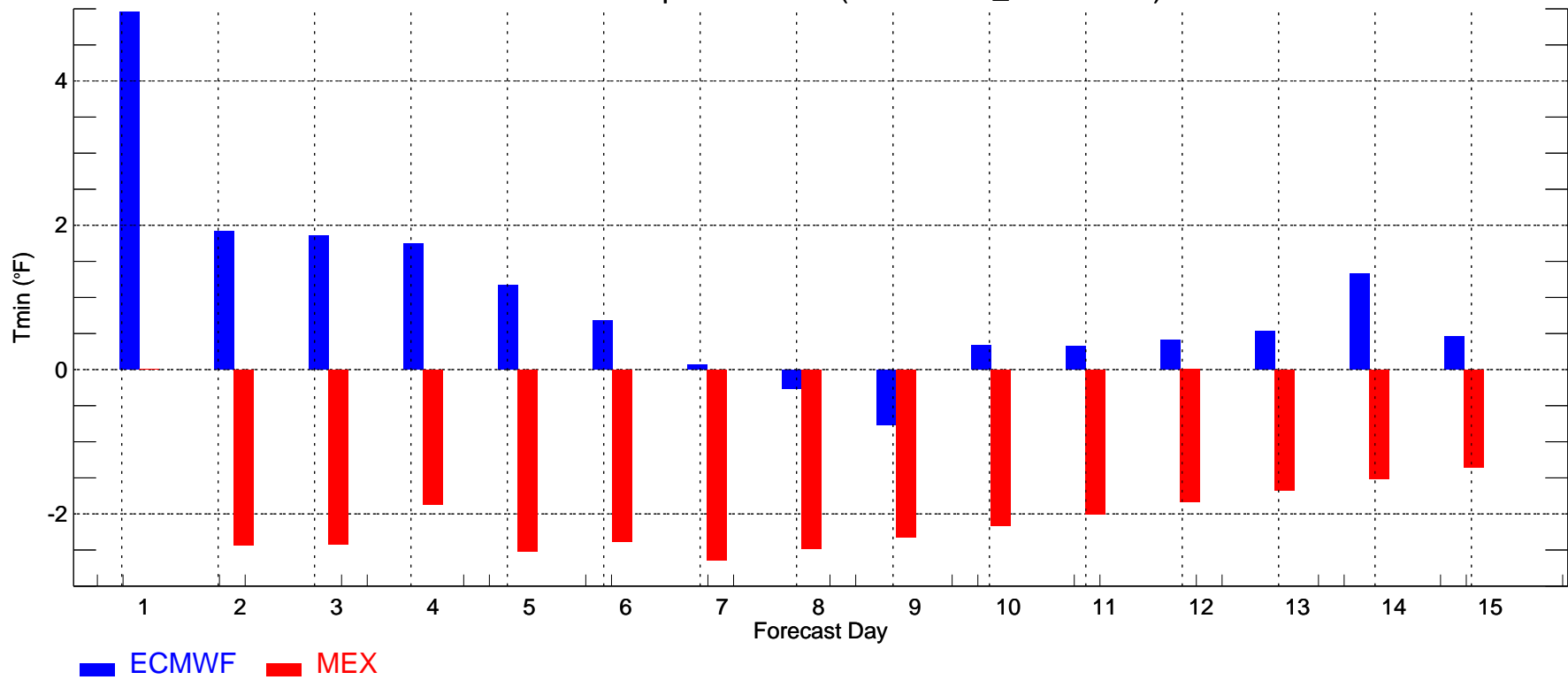
ORD: Min Temperature Bias (2010-12-01\_2010-12-31)



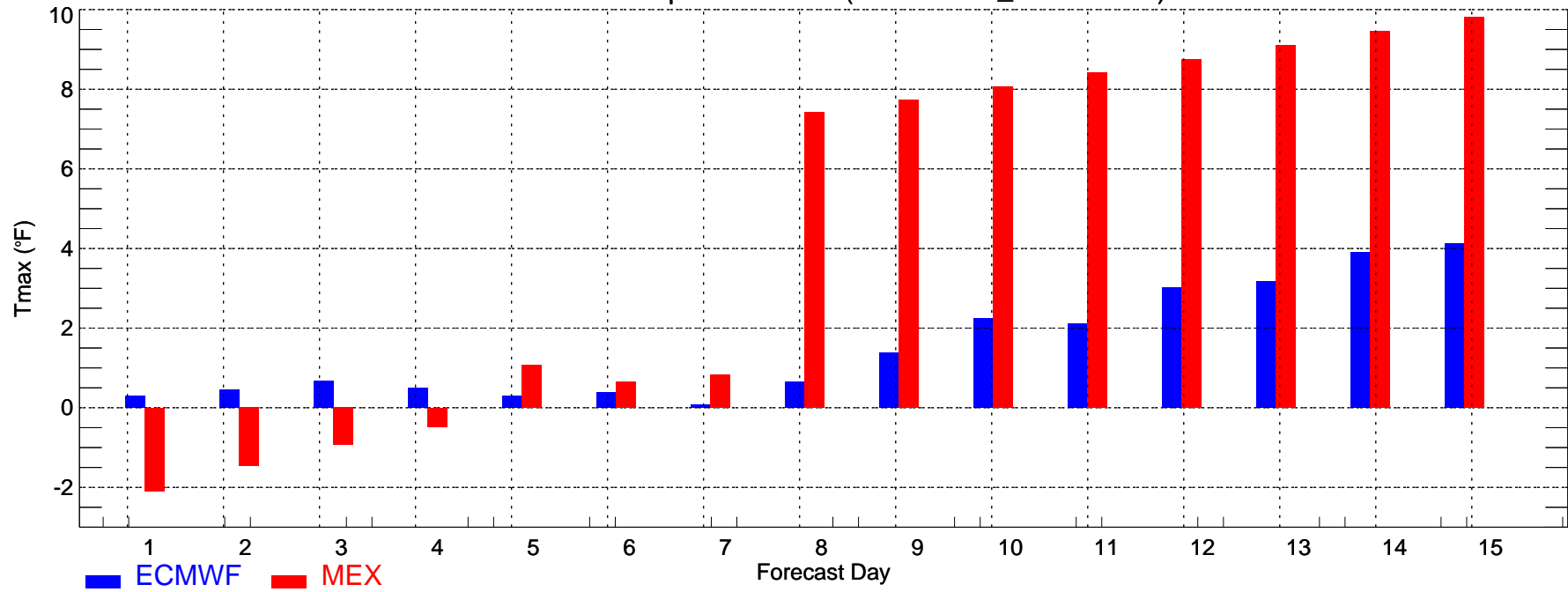
PDX: Max Temperature Bias (2010-12-01\_2010-12-31)



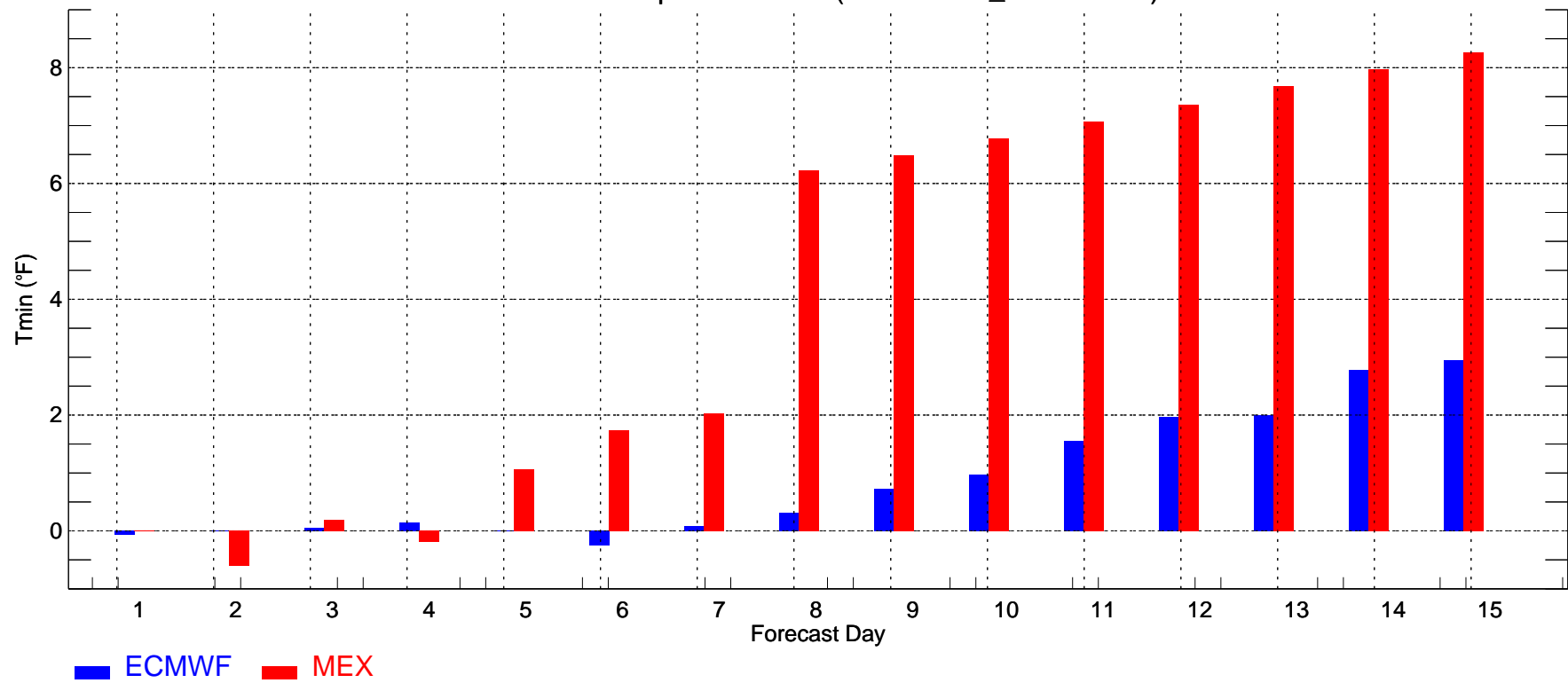
PDX: Min Temperature Bias (2010-12-01\_2010-12-31)



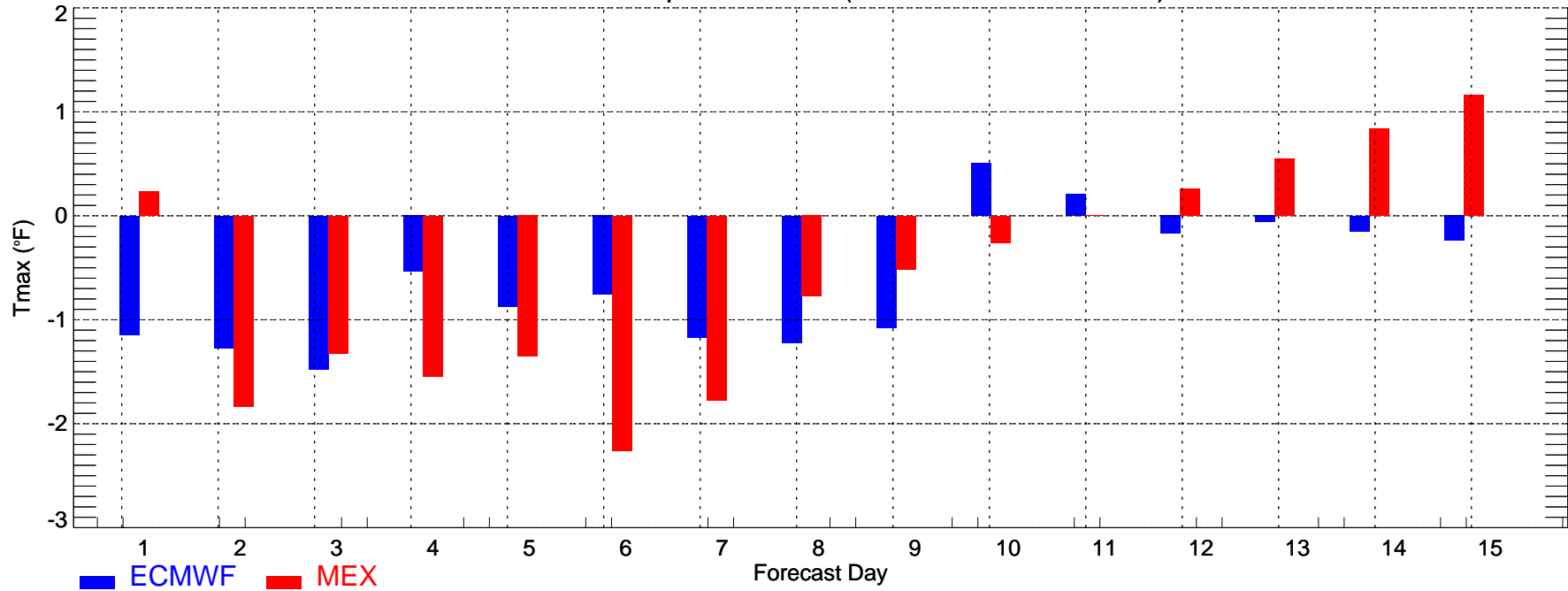
PHL: Max Temperature Bias (2010-12-01\_2010-12-31)



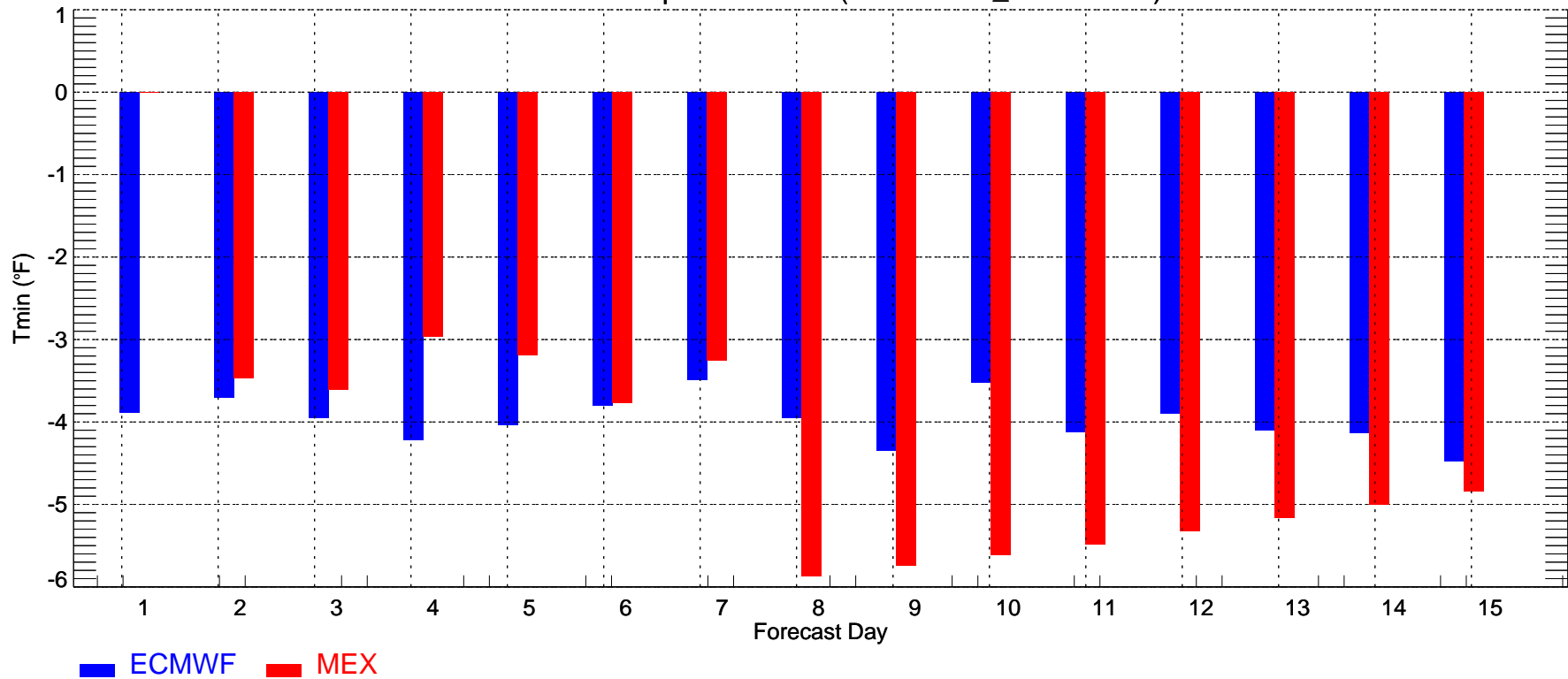
PHL: Min Temperature Bias (2010-12-01\_2010-12-31)



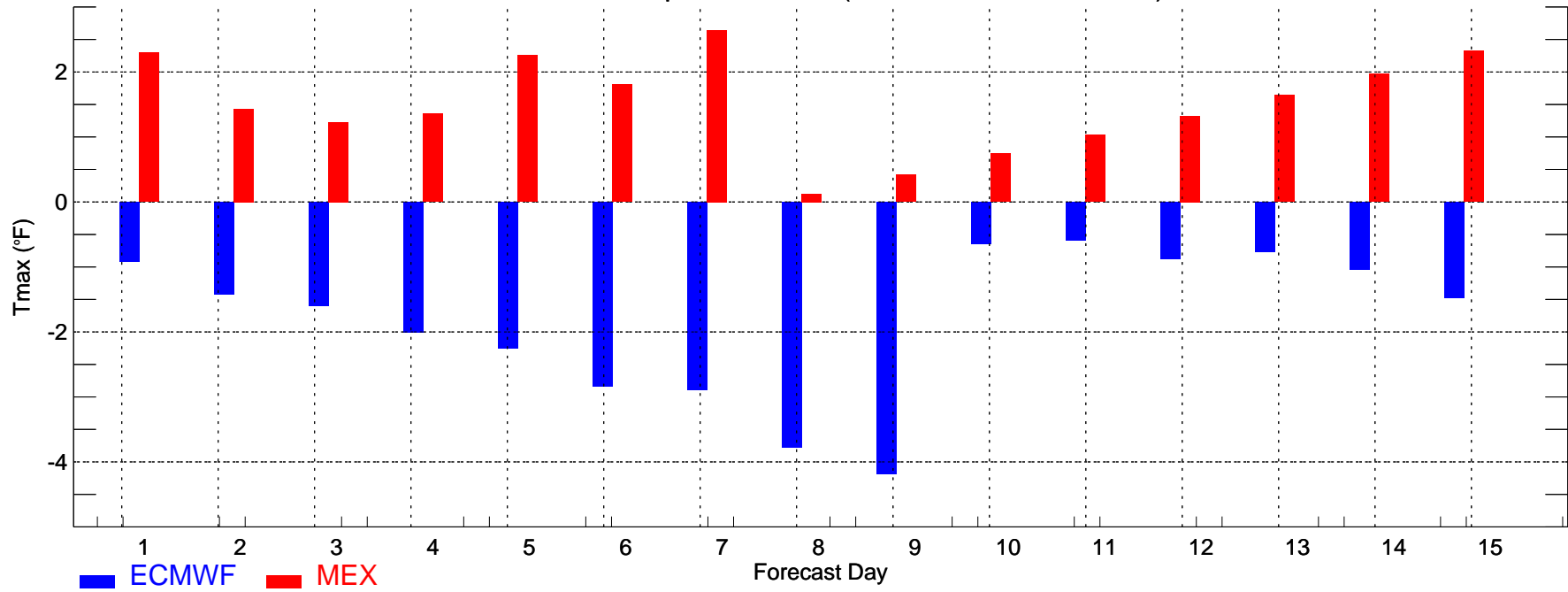
SAC: Max Temperature Bias (2010-12-01\_2010-12-31)



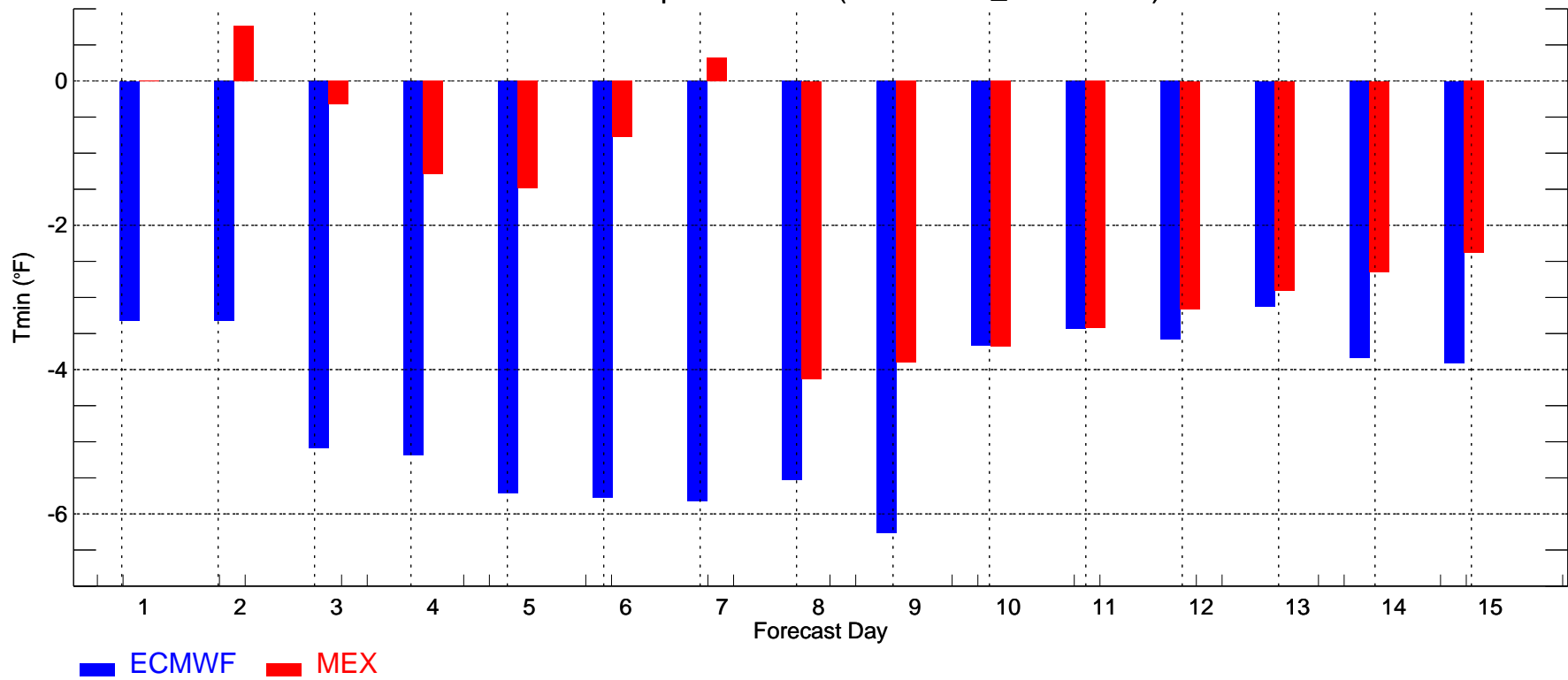
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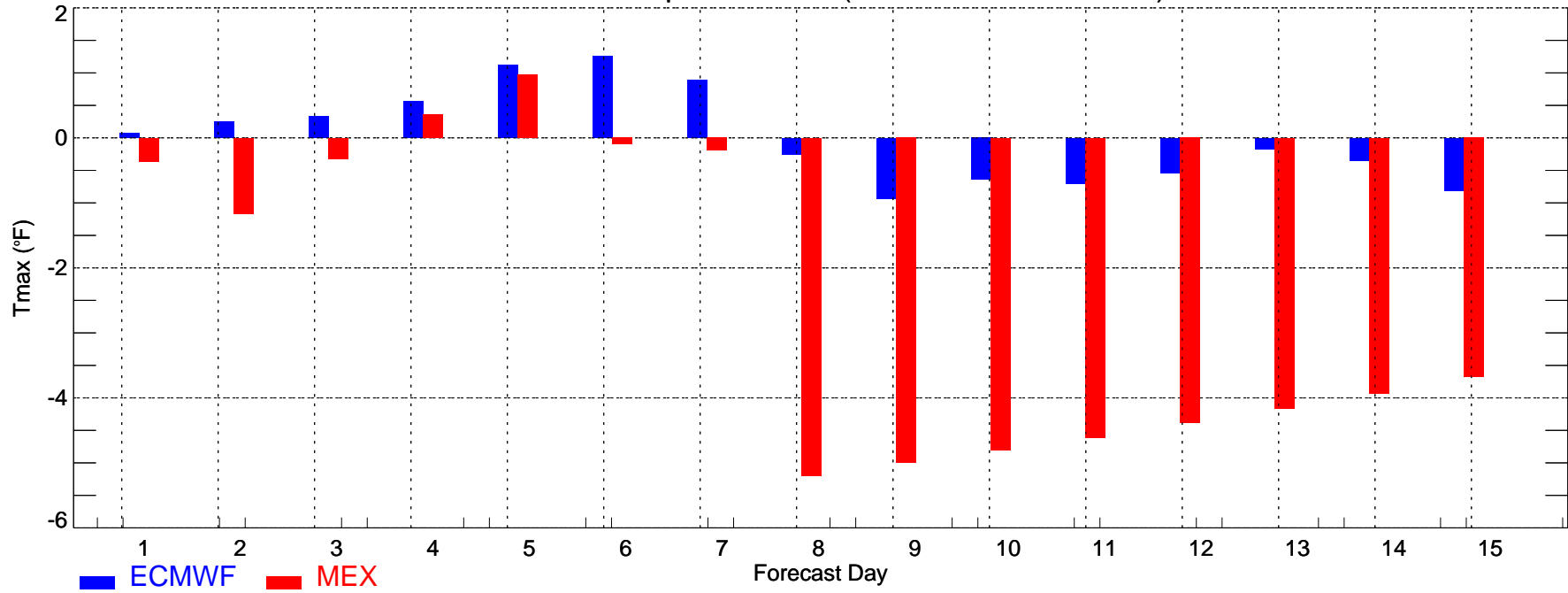
SLC: Max Temperature Bias (2010-12-01\_2010-12-31)



SLC: Min Temperature Bias (2010-12-01\_2010-12-31)



TUS: Max Temperature Bias (2010-12-01\_2010-12-31)



TUS: Min Temperature Bias (2010-12-01\_2010-12-31)

