# Appendix B. Time series plots of ANN and observed EC values (Approach 2 ANN)

This appendix presents time series plots of EC for each station. The stations are organized in order of increasing distance from Golden Gate Bridge. On each page, observed EC data are shown, whether from the Bulletin 23 sources or from CDEC, and corresponding ANN estimates are also shown, using the Approach 2 ANN for either the Sacramento or San Joaquin River branch. In many cases, even for the same station name, the actual distance from Golden Gate may be different for the Bulletin 23 and CDEC sources. In these instances, the ANN prediction is based on the distance corresponding to the observation shown. In cases where both data sources are present, for the proper comparison, the ANN function is called twice with the two corresponding distances. Thus, on a given page, the different lines shown for the ANNs are all based on the same ANN, and differ only in the distance used.
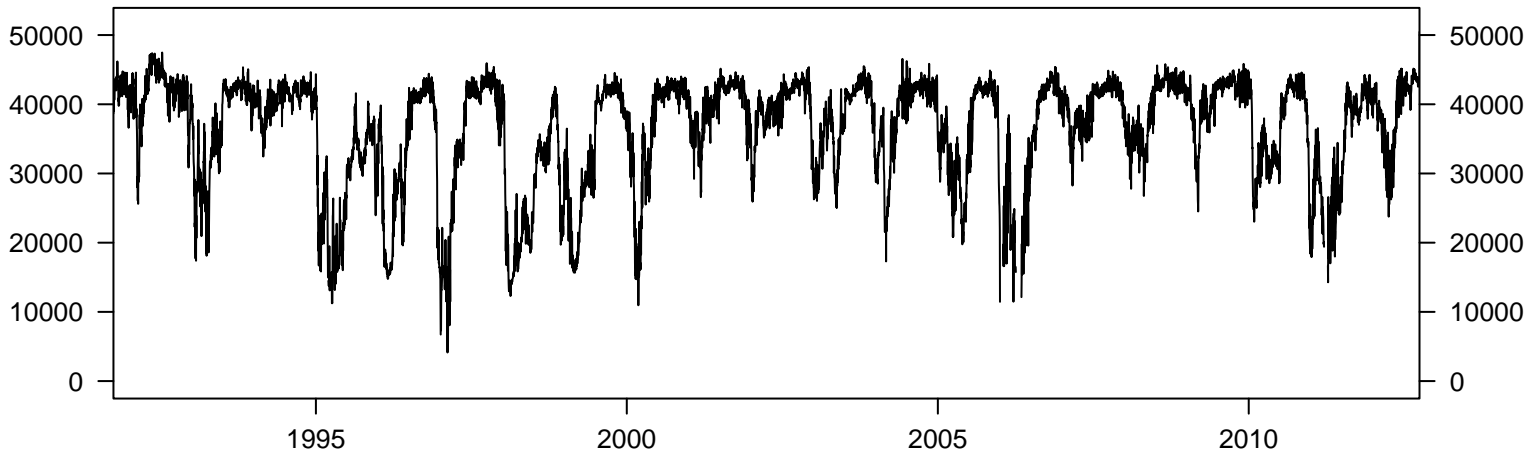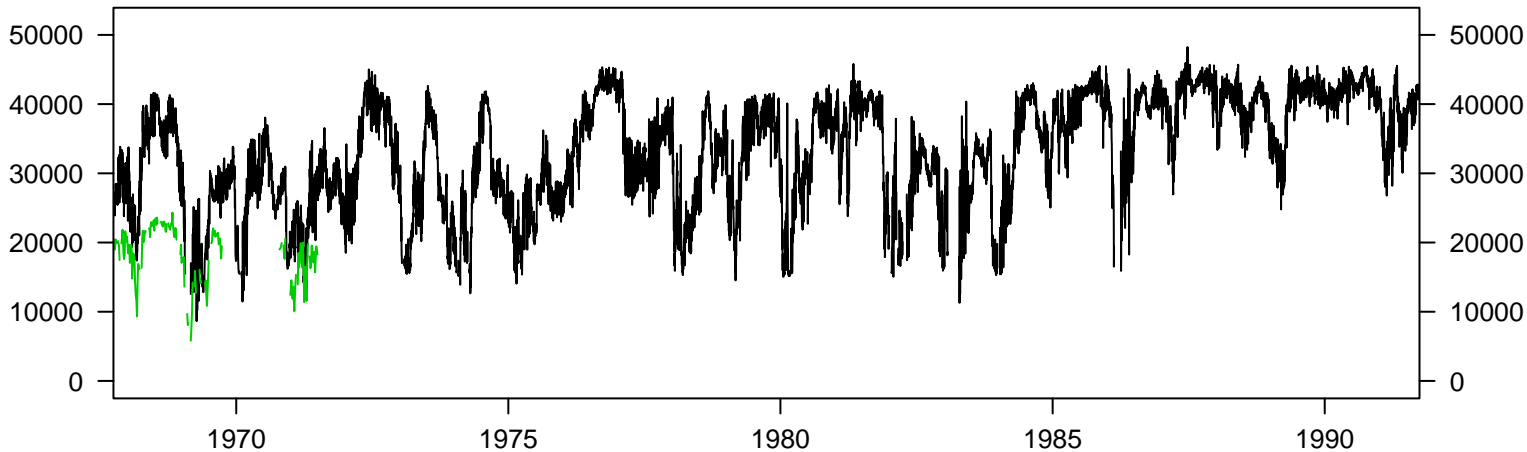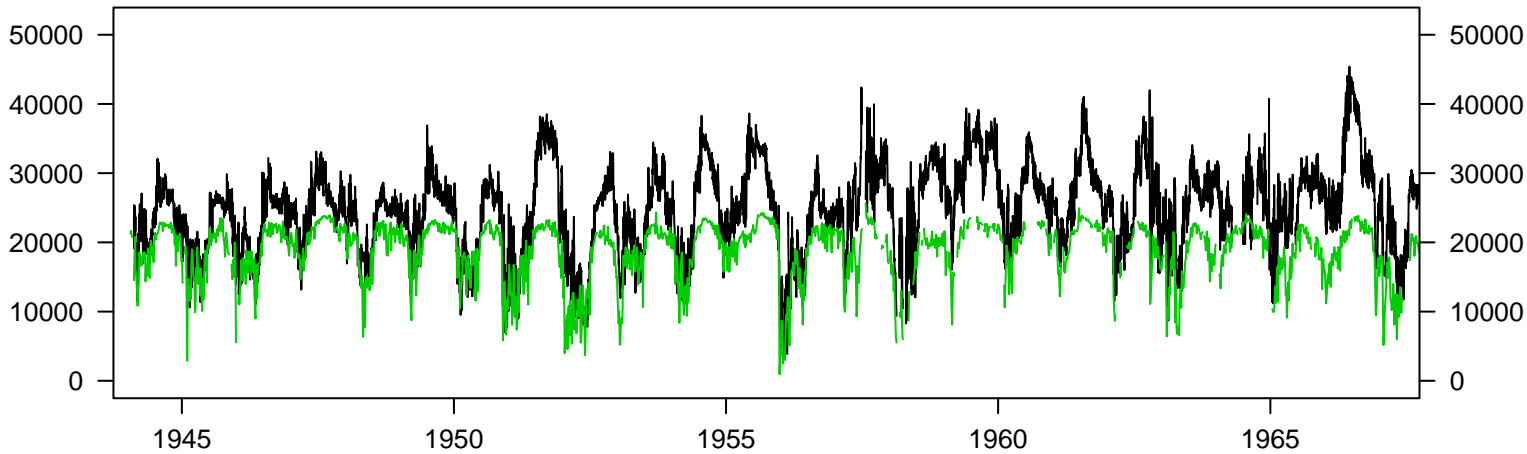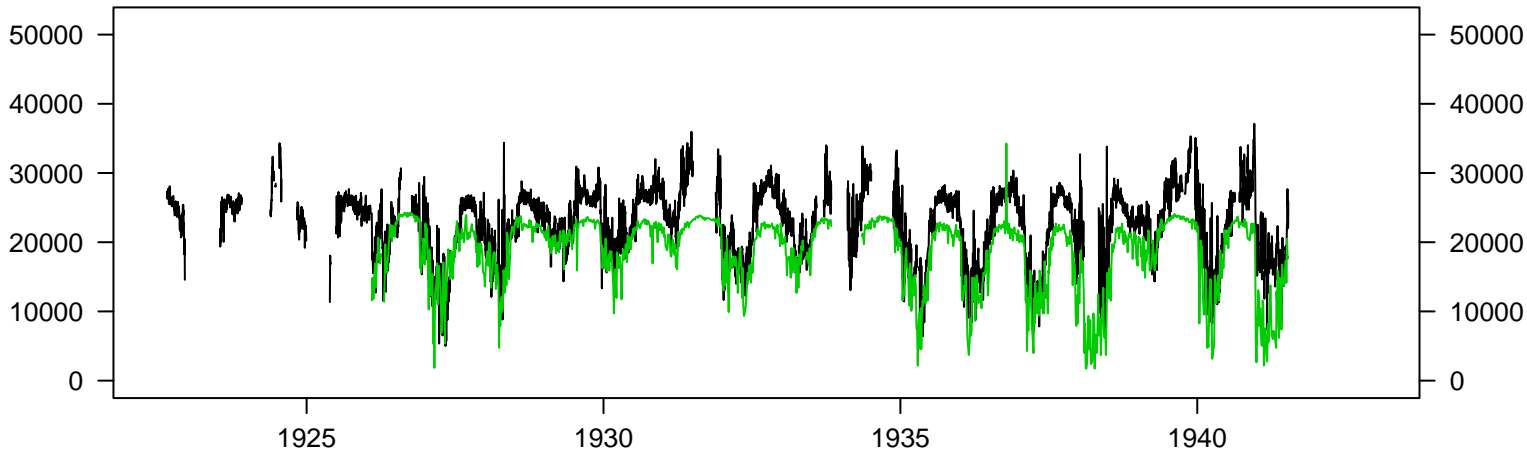
PTO, SAC

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

1
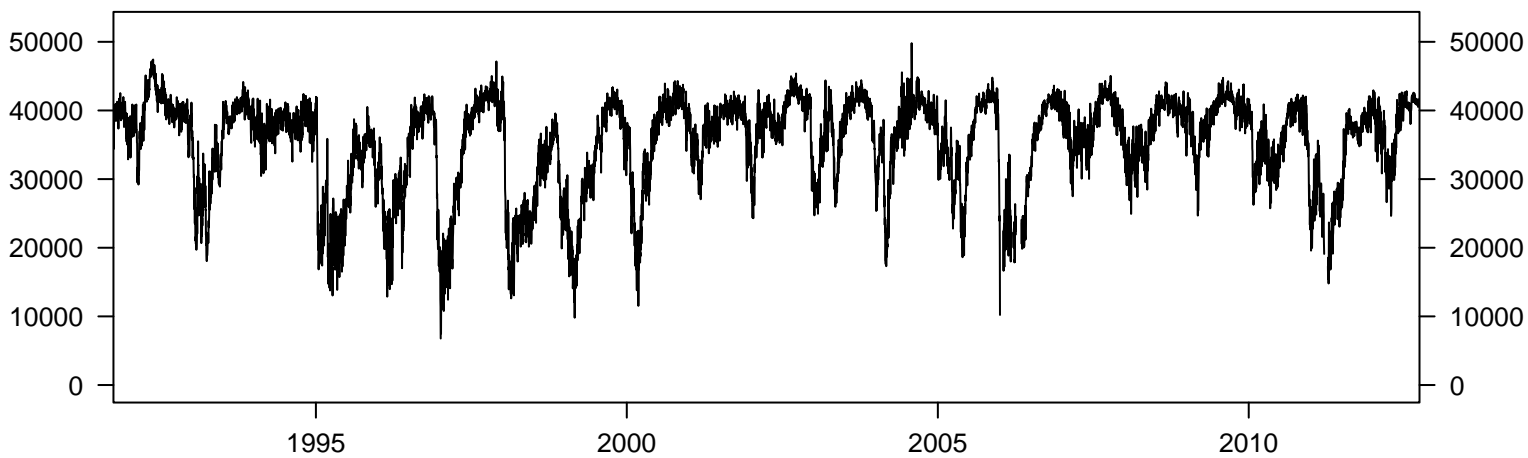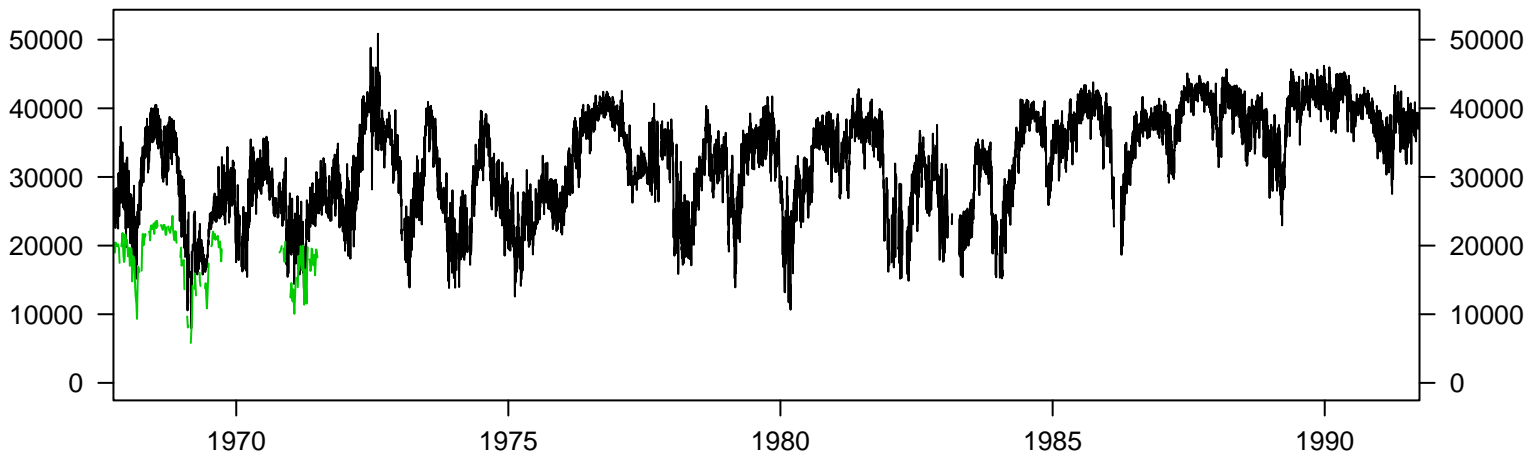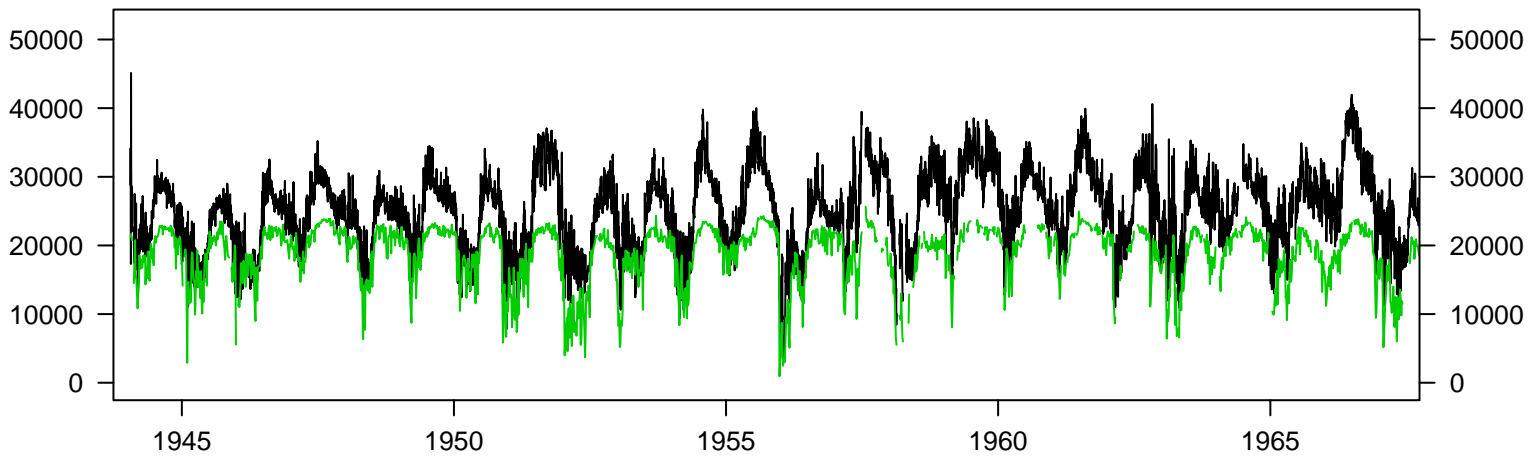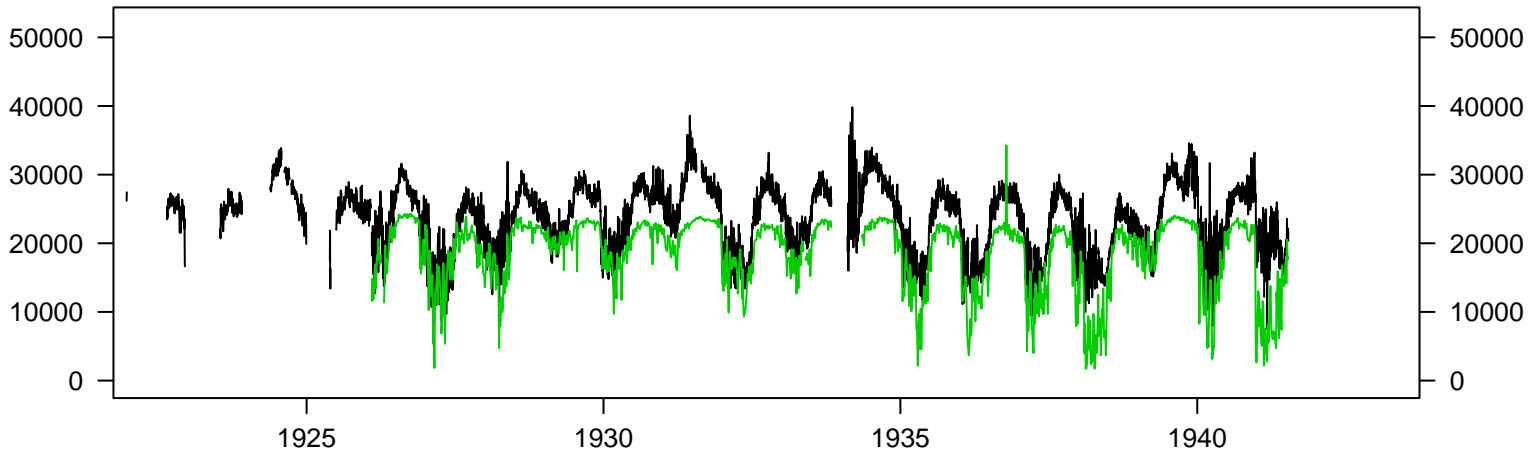
PTO, SJR

PSP, SAC

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

3

PSP, SJR

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

4
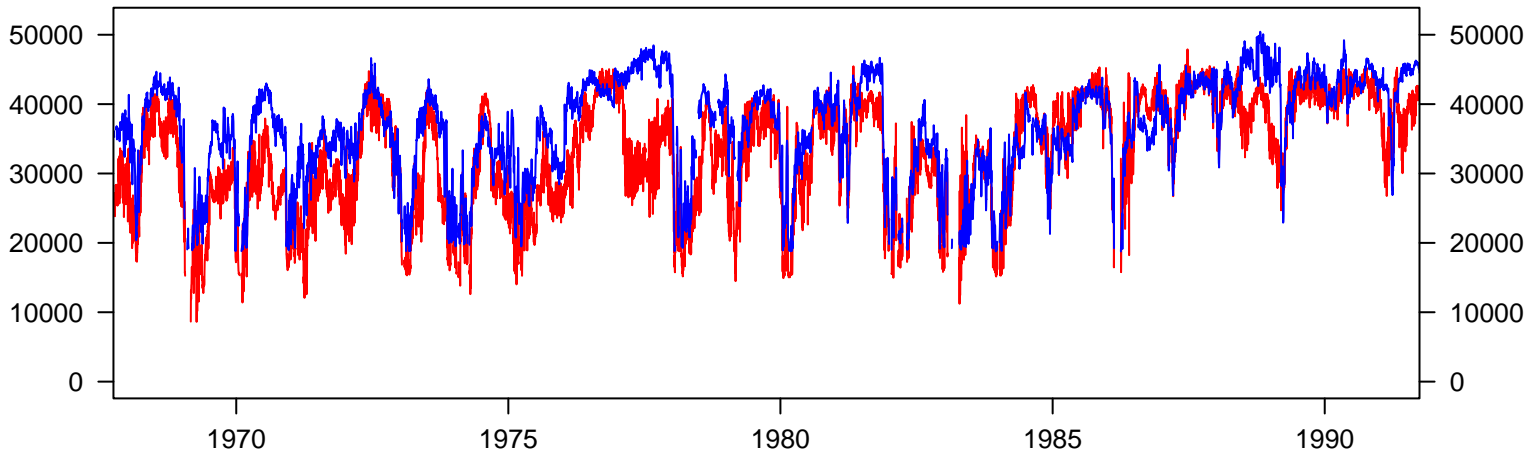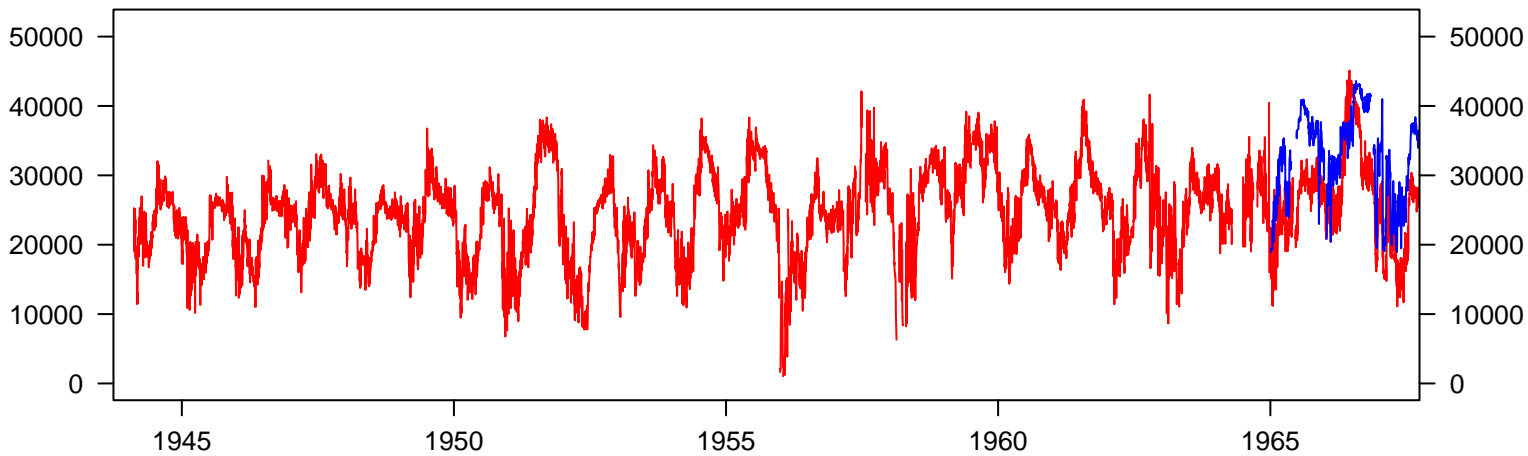
PTD, SAC
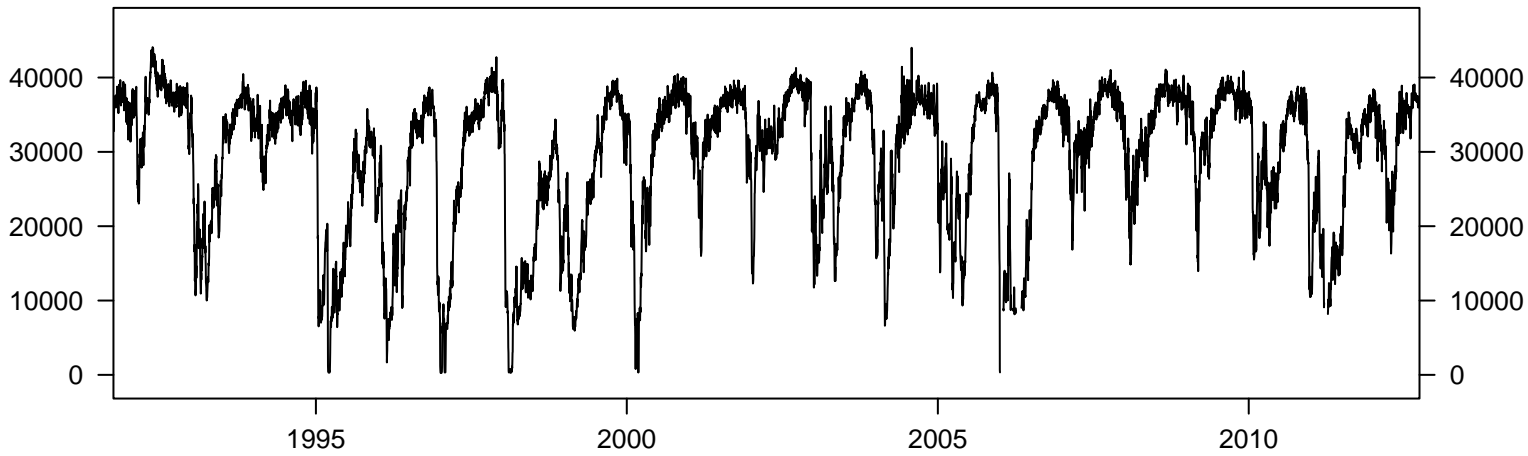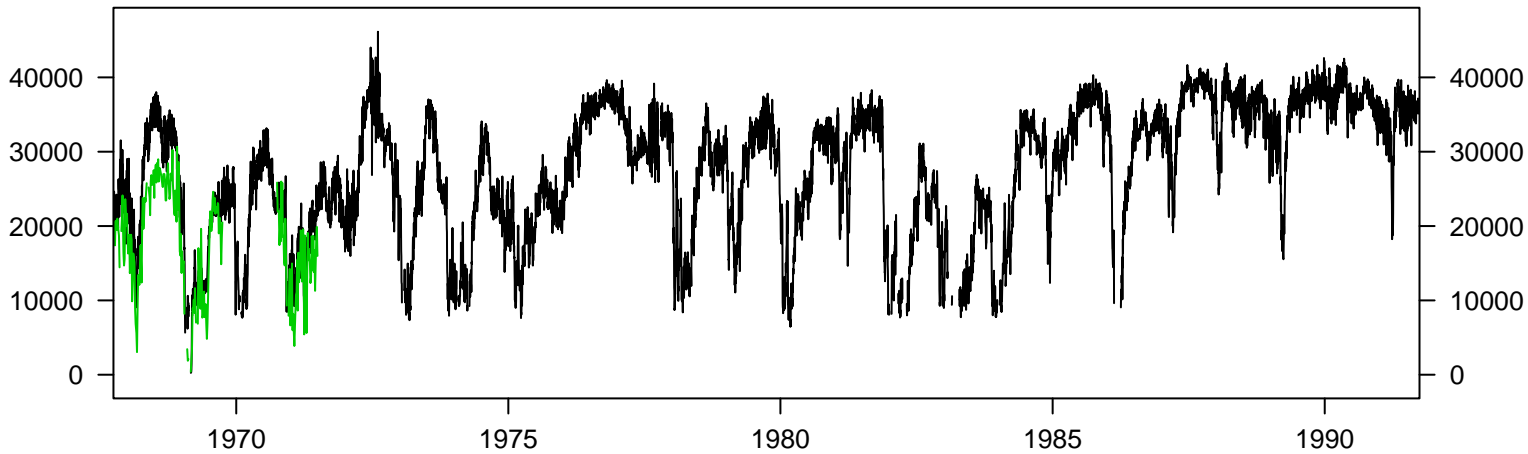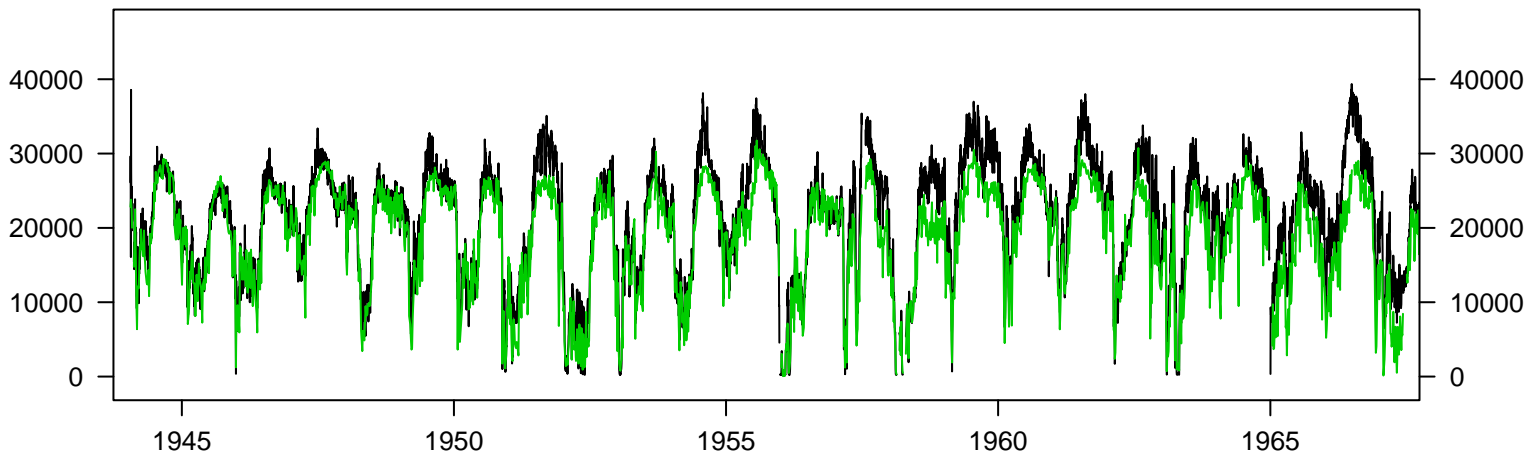
PTD, SJR

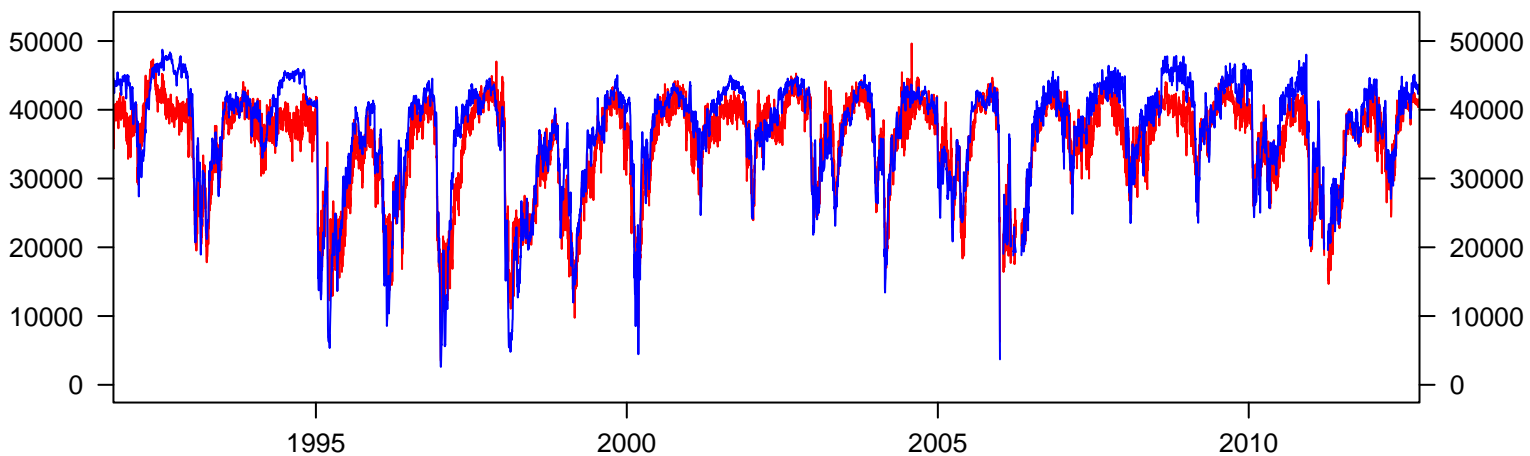| ANN, B23 | |
ANN, CDEC	
OBS, B23	
OBS, CDEC	

EC (uS/cm)

Date

6
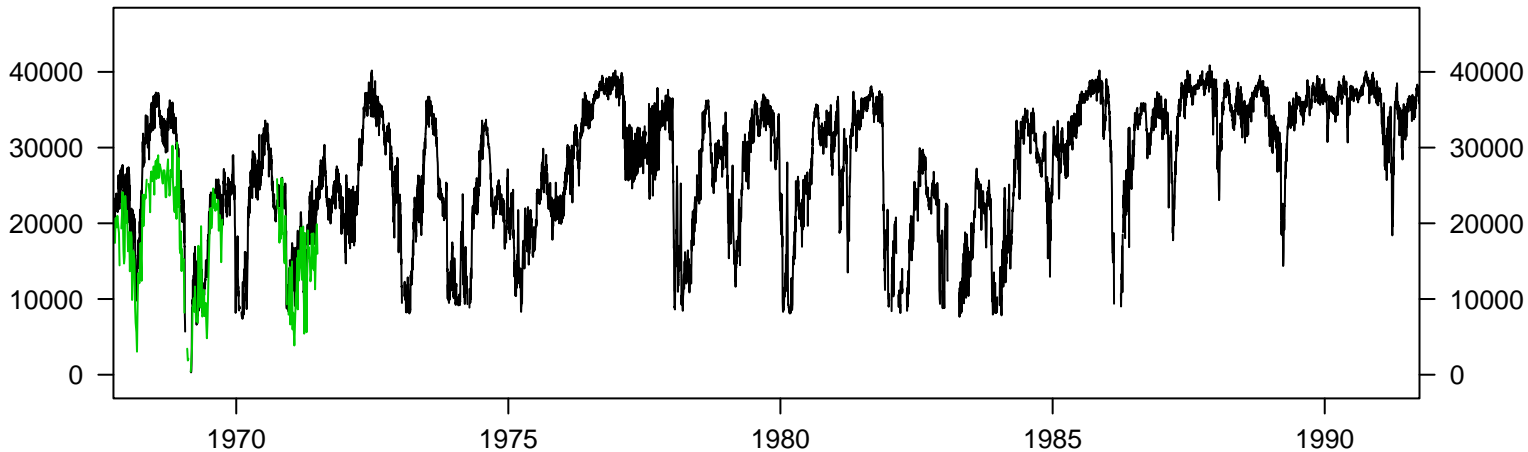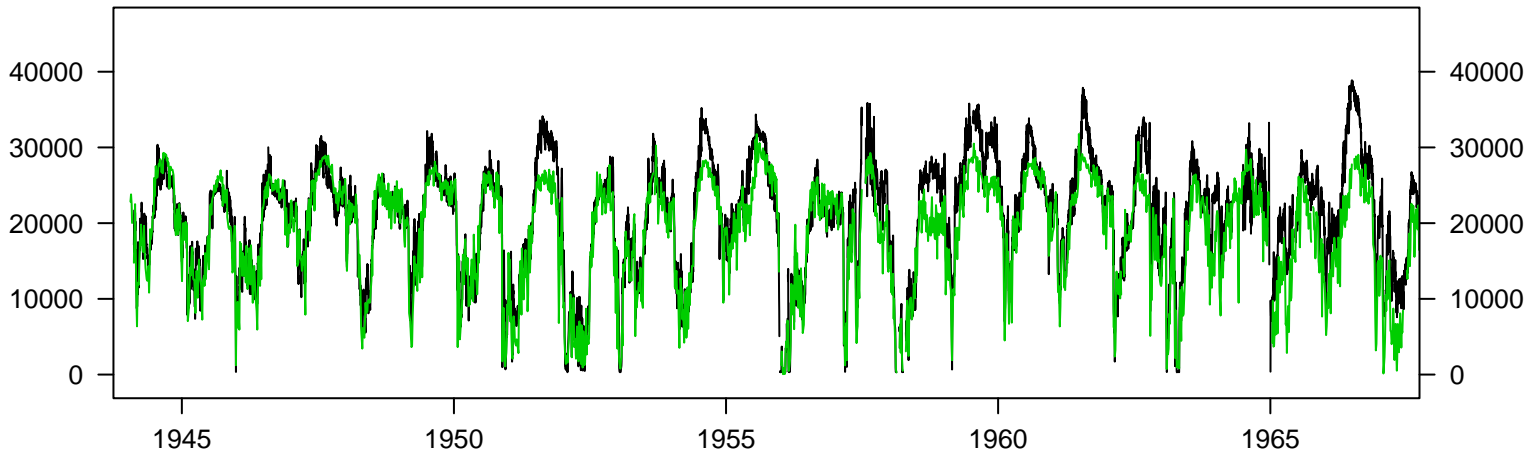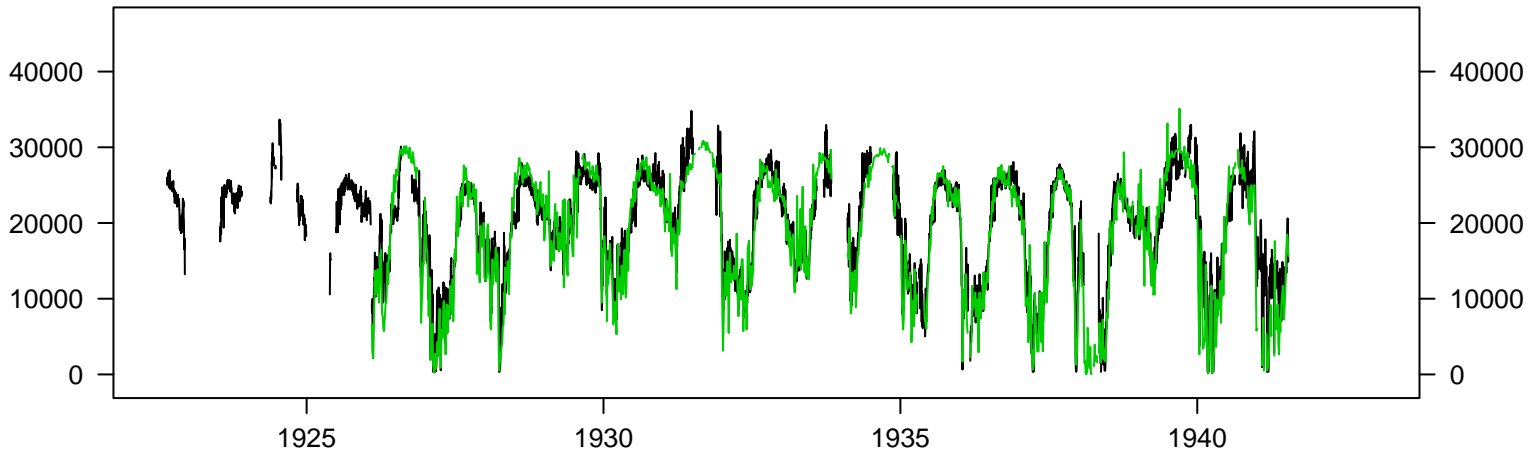
CRK, SAC
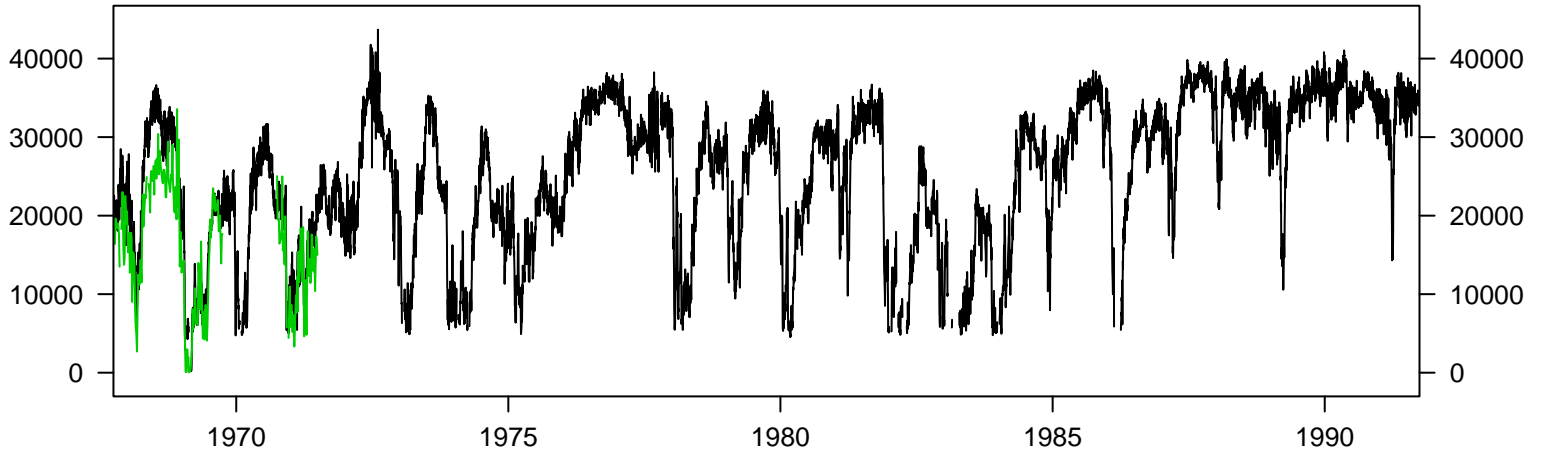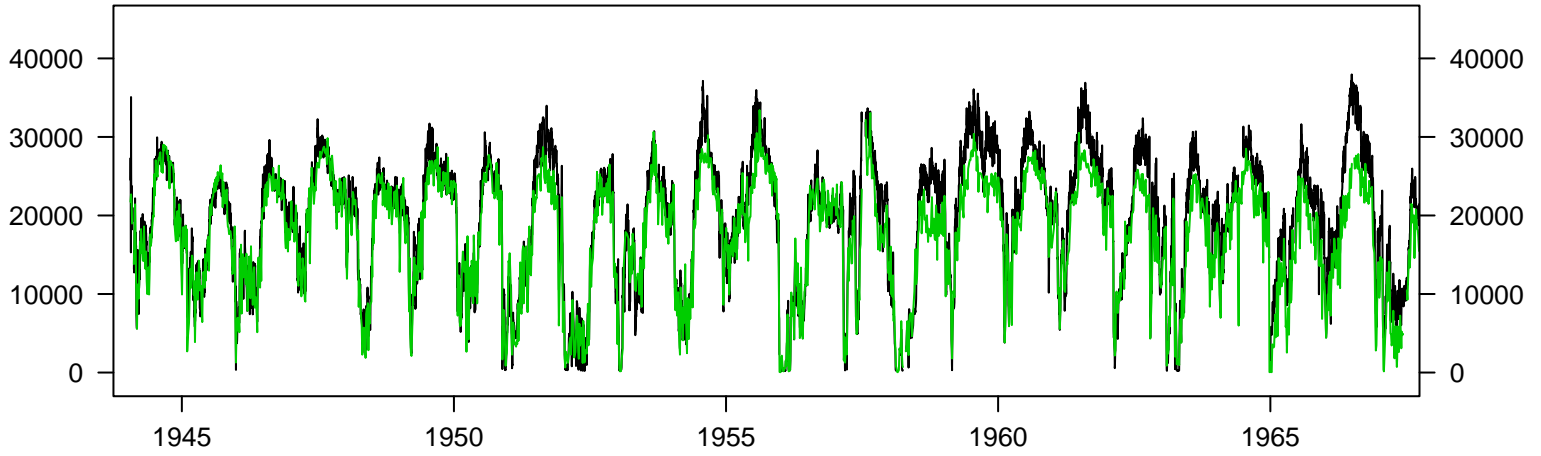
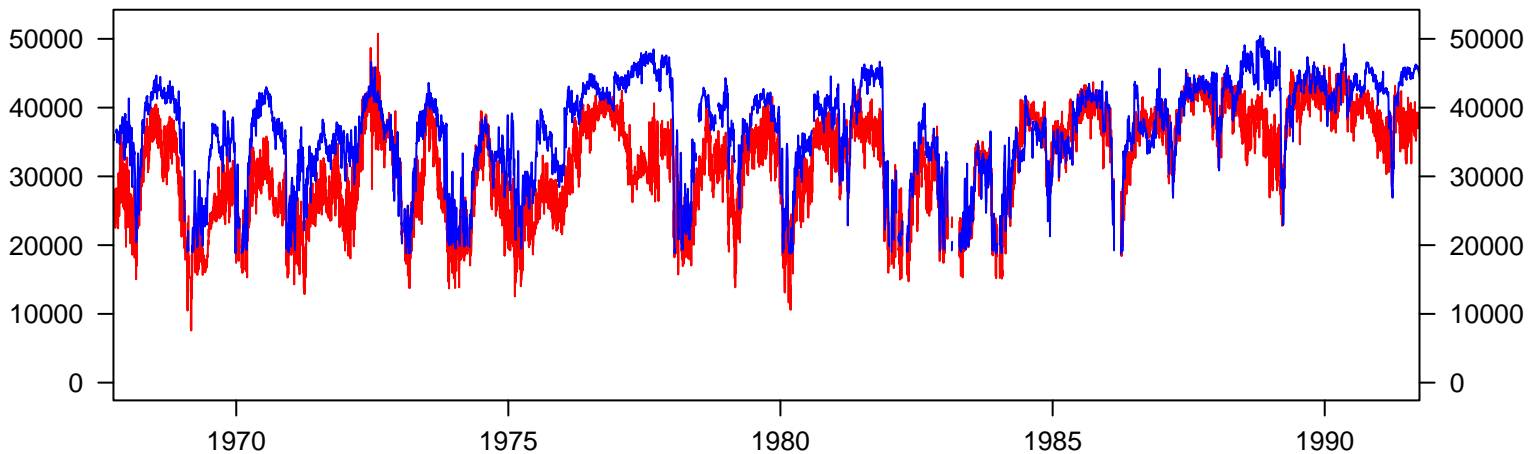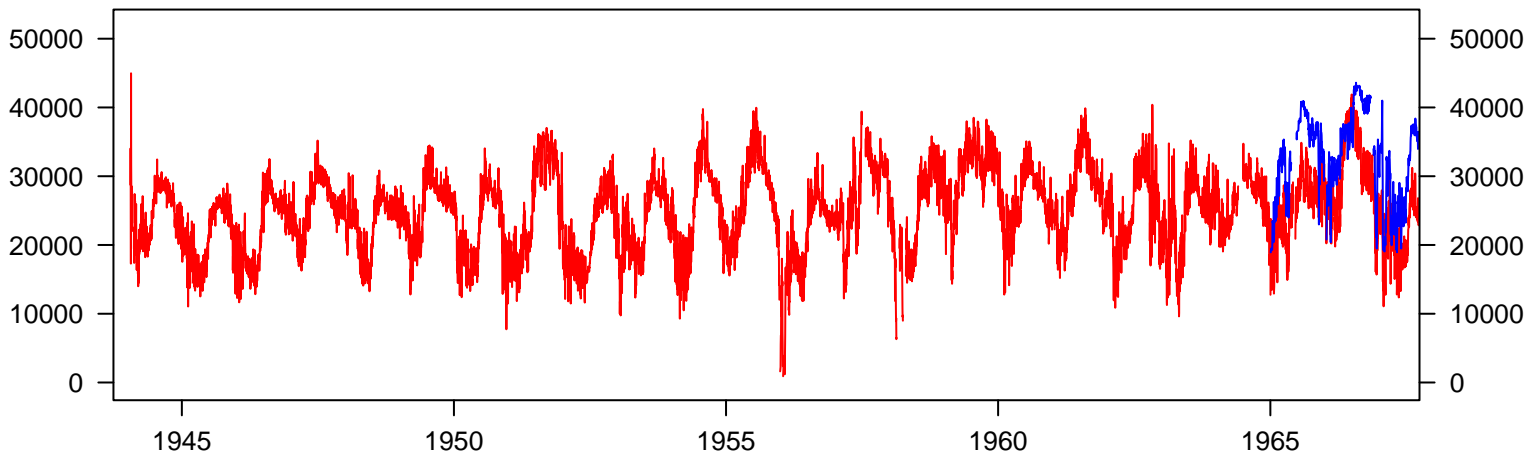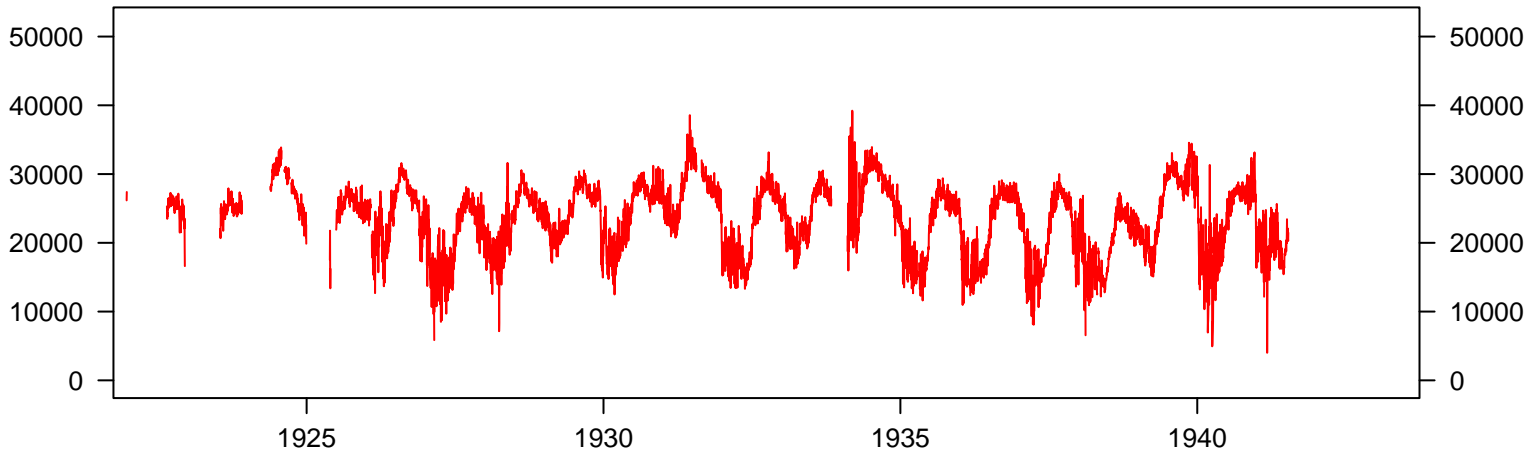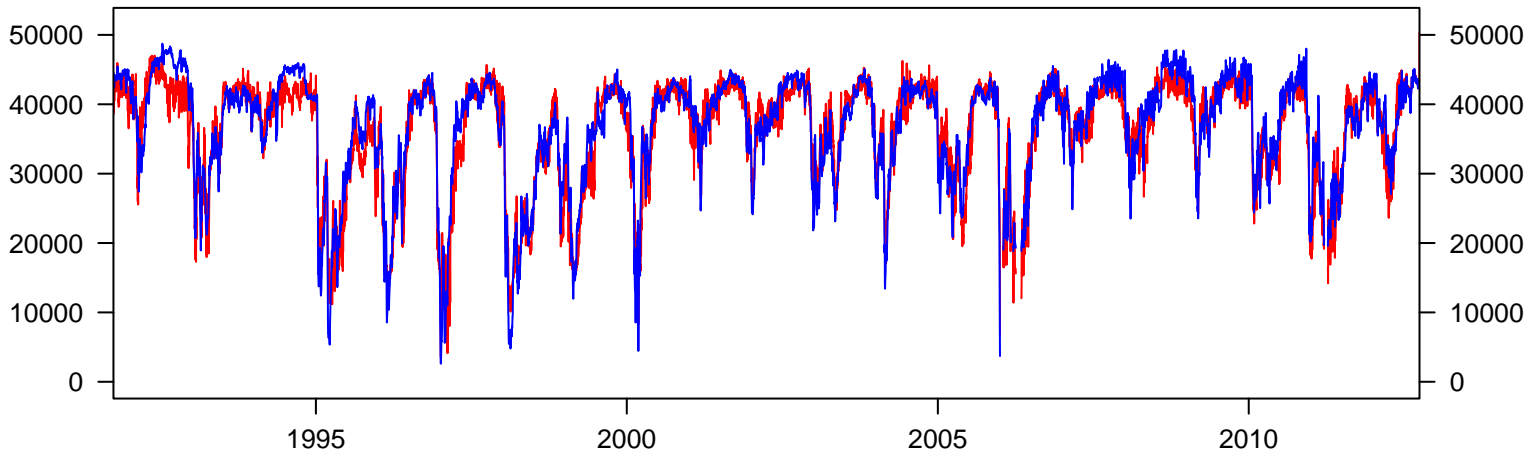# CRK, SJR
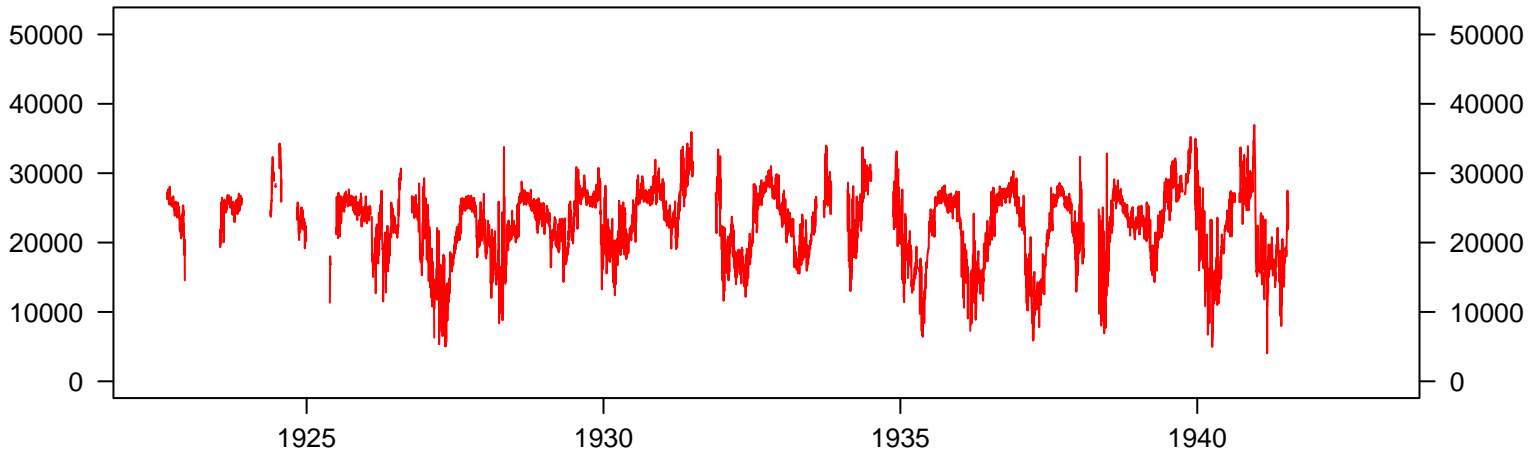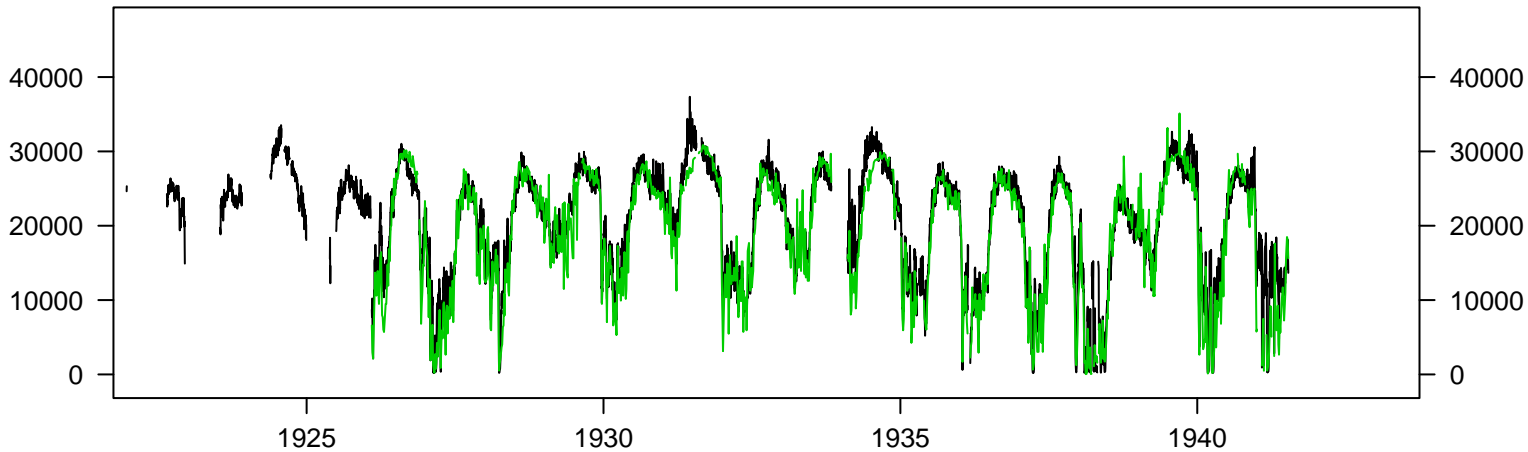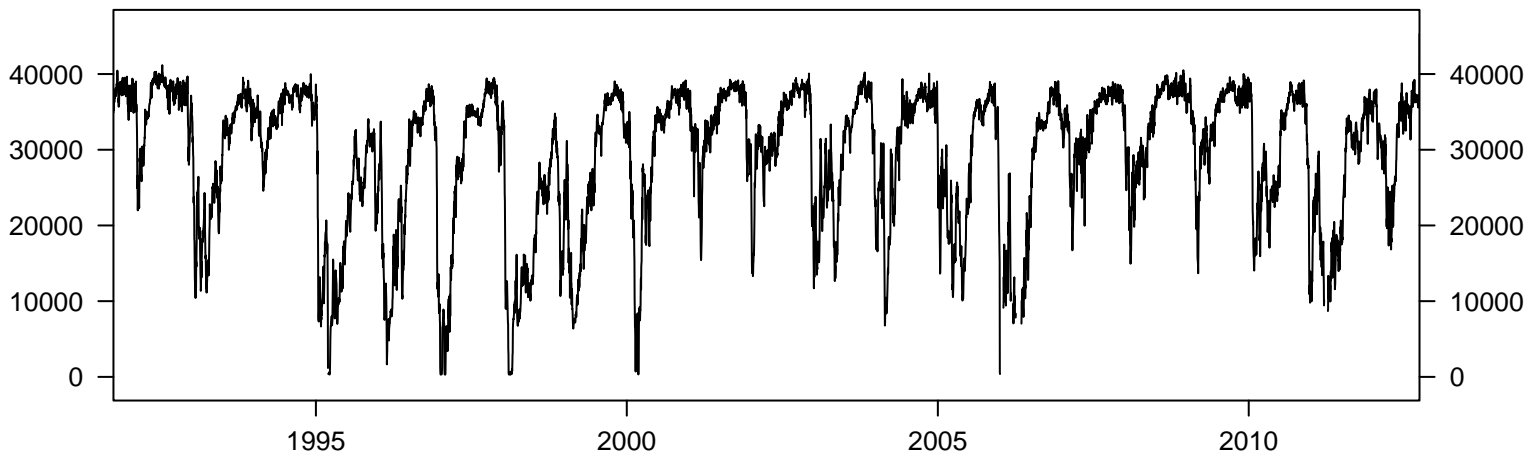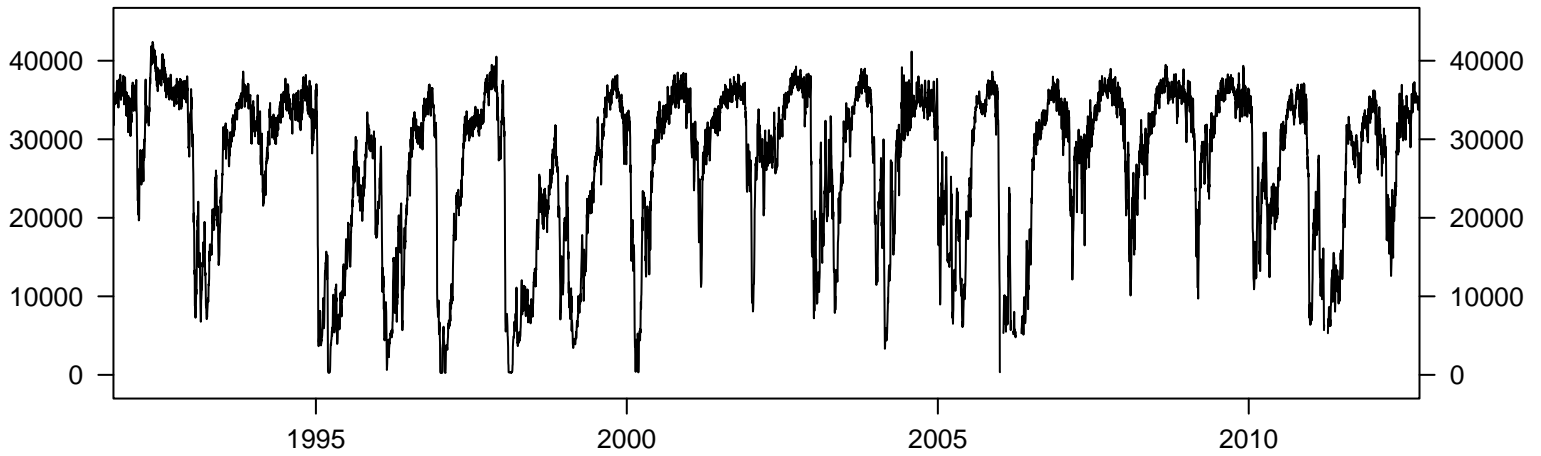
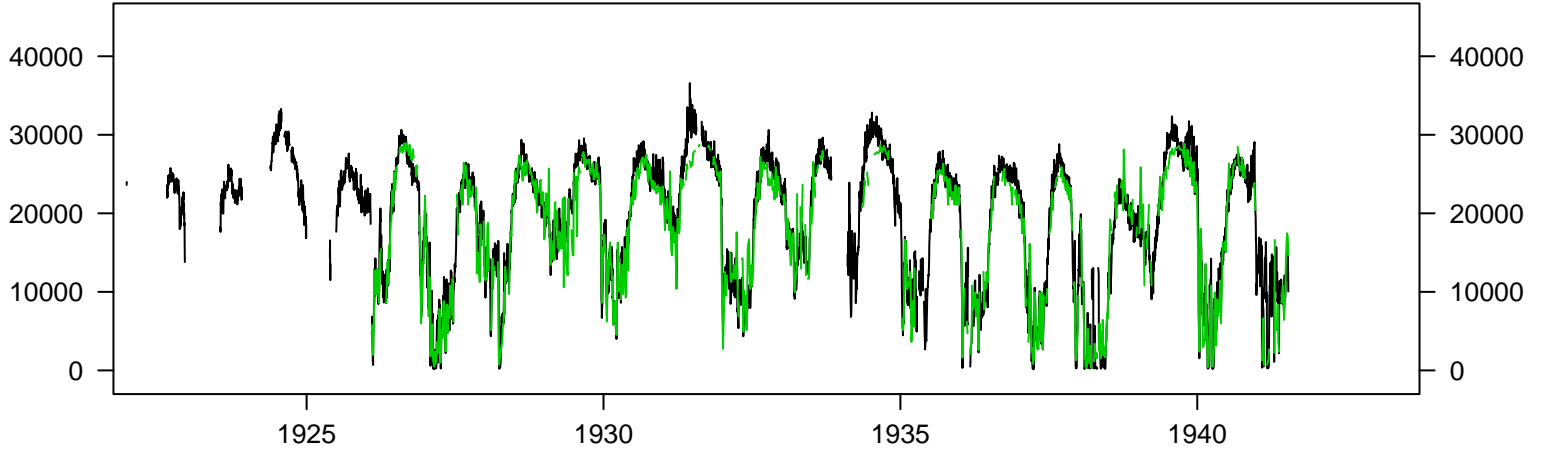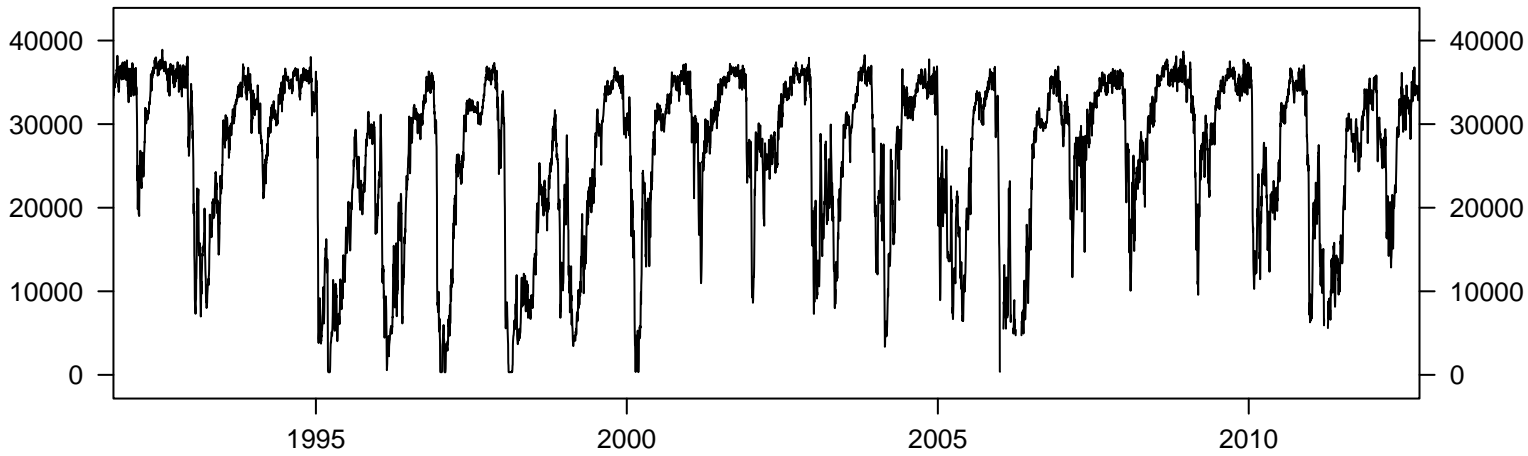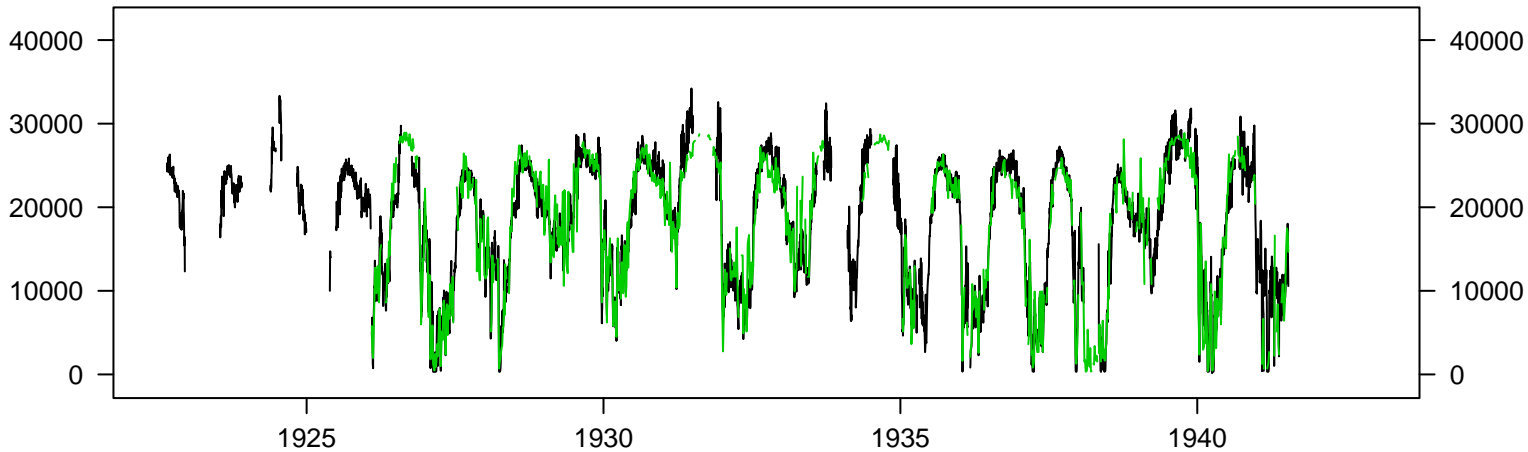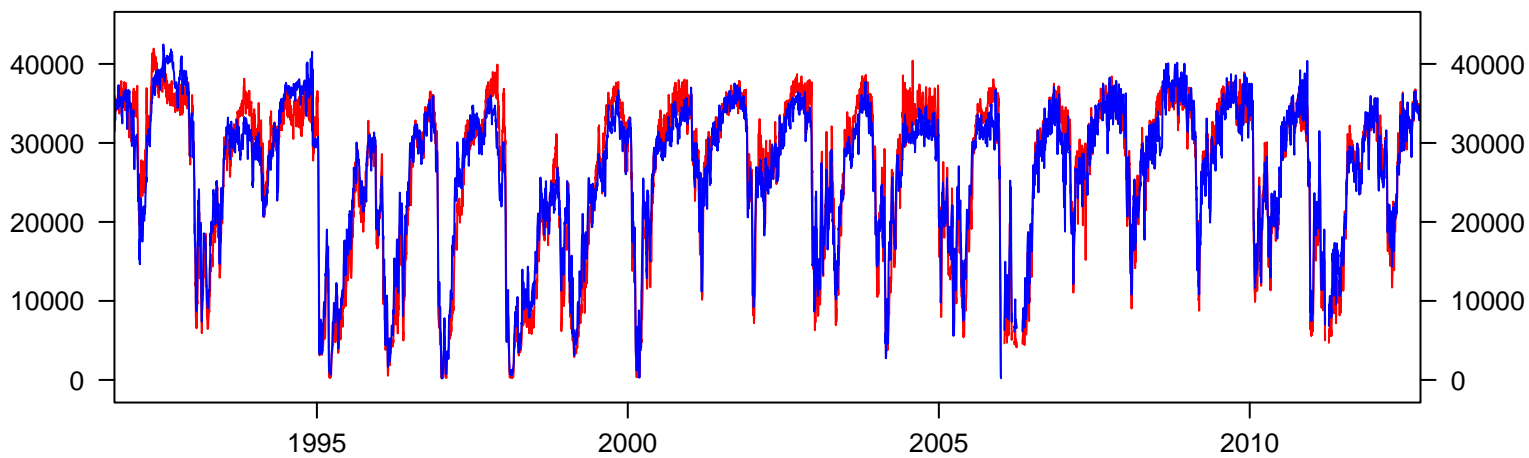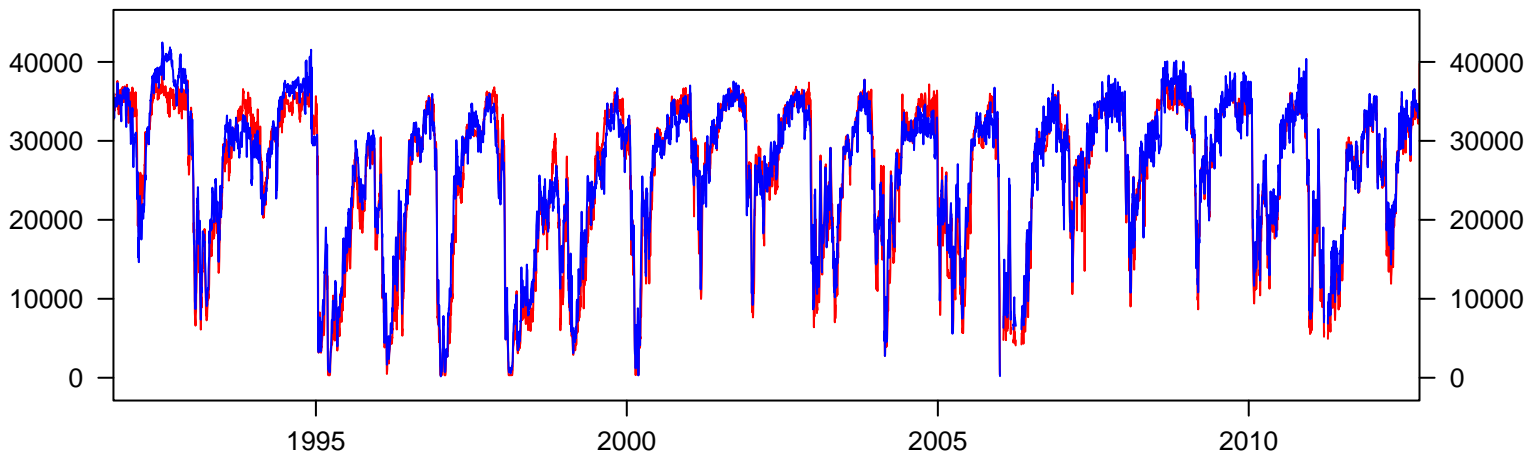ANN, B23 ————
ANN, CDEC ————
OBS, B23 ————
OBS, CDEC ————

EC (uS/cm)

Date
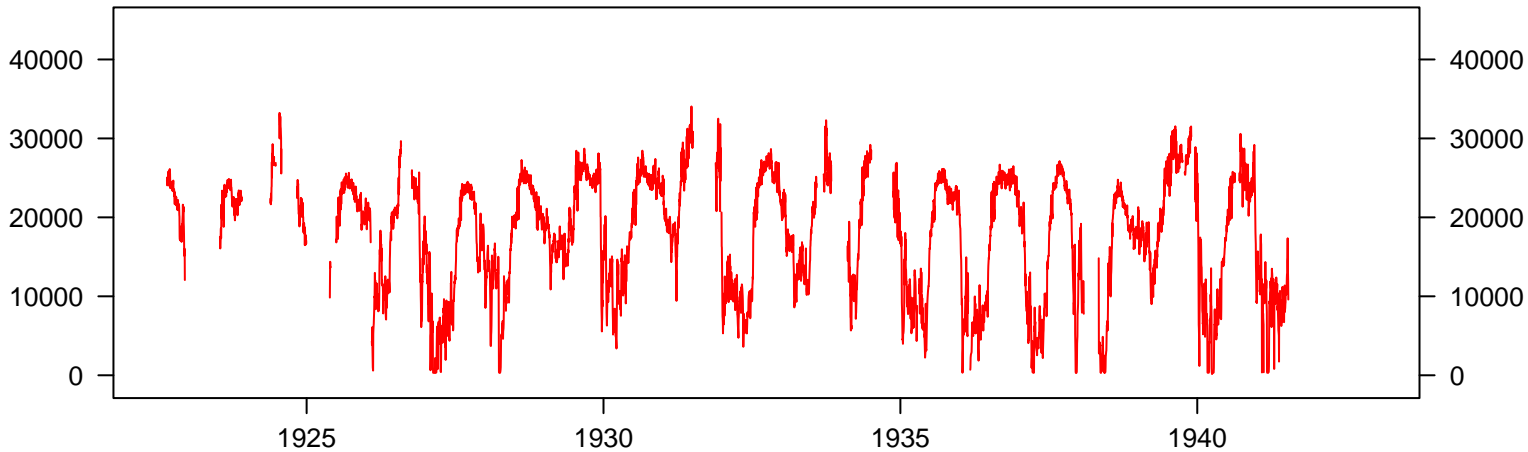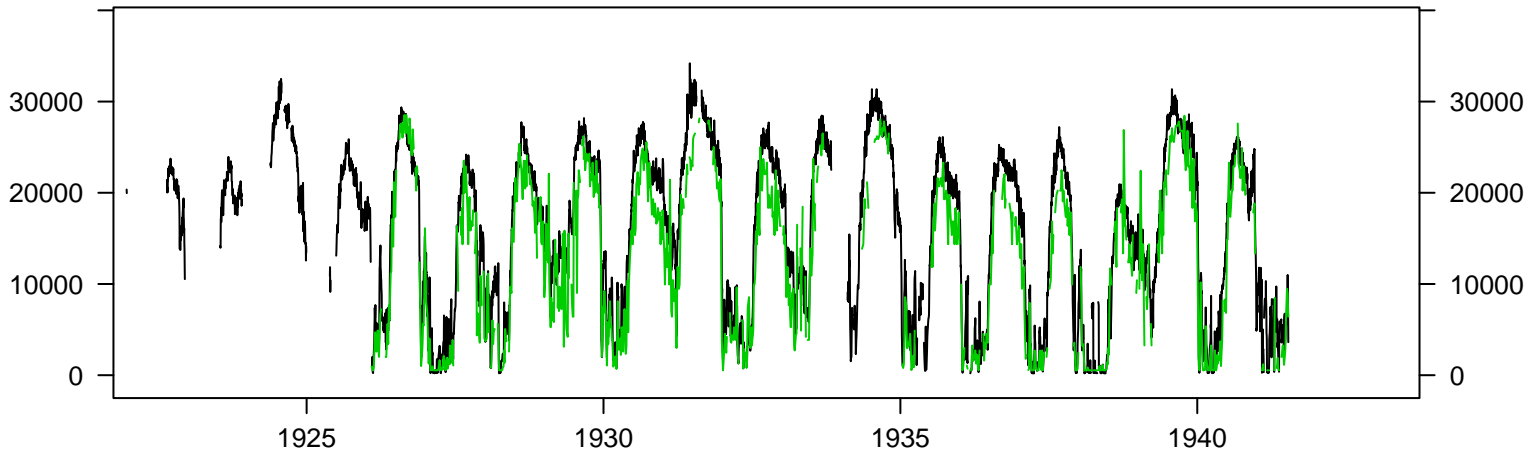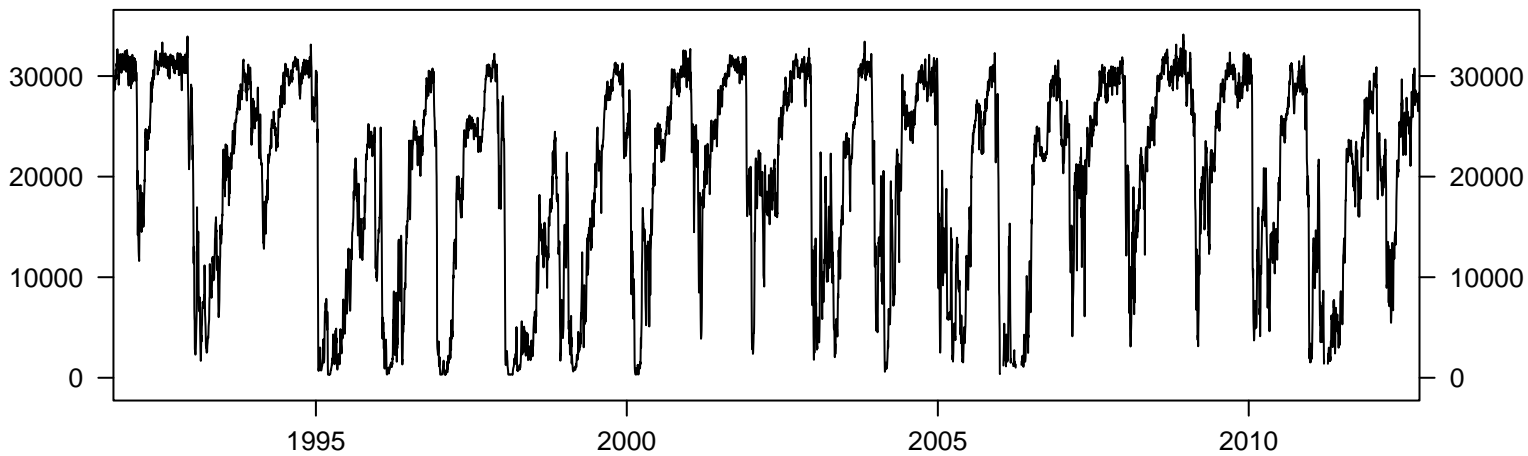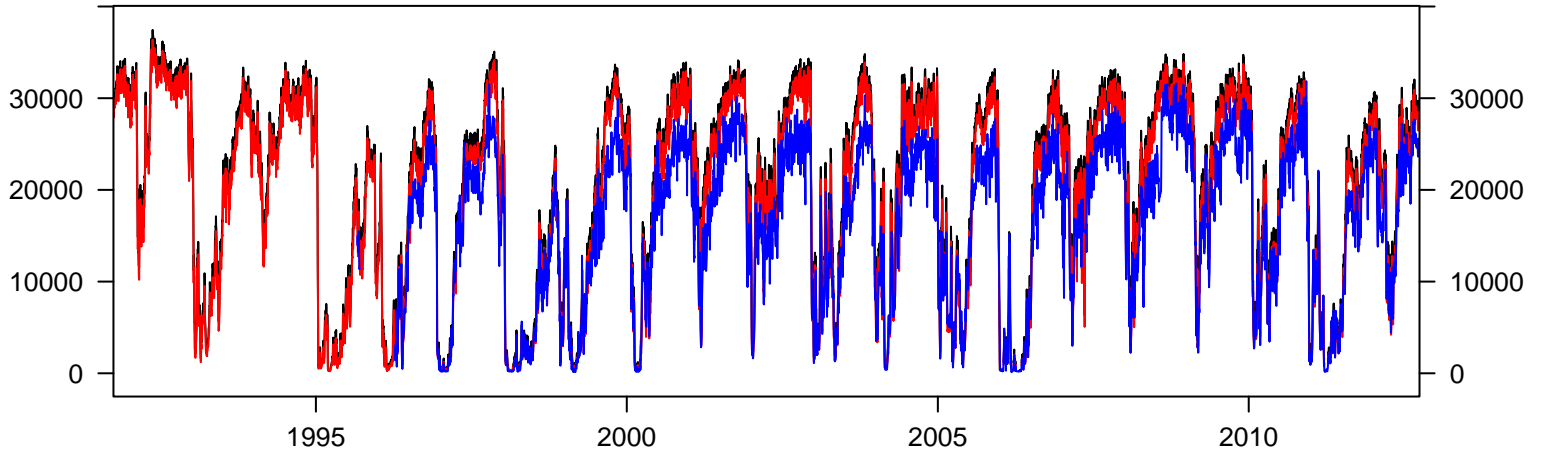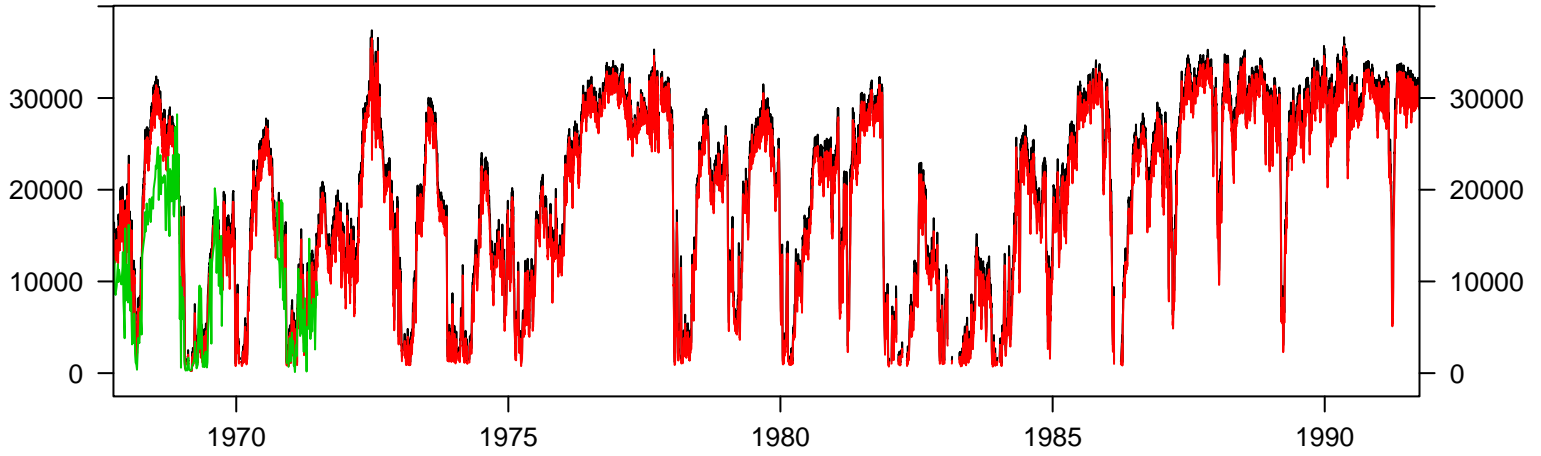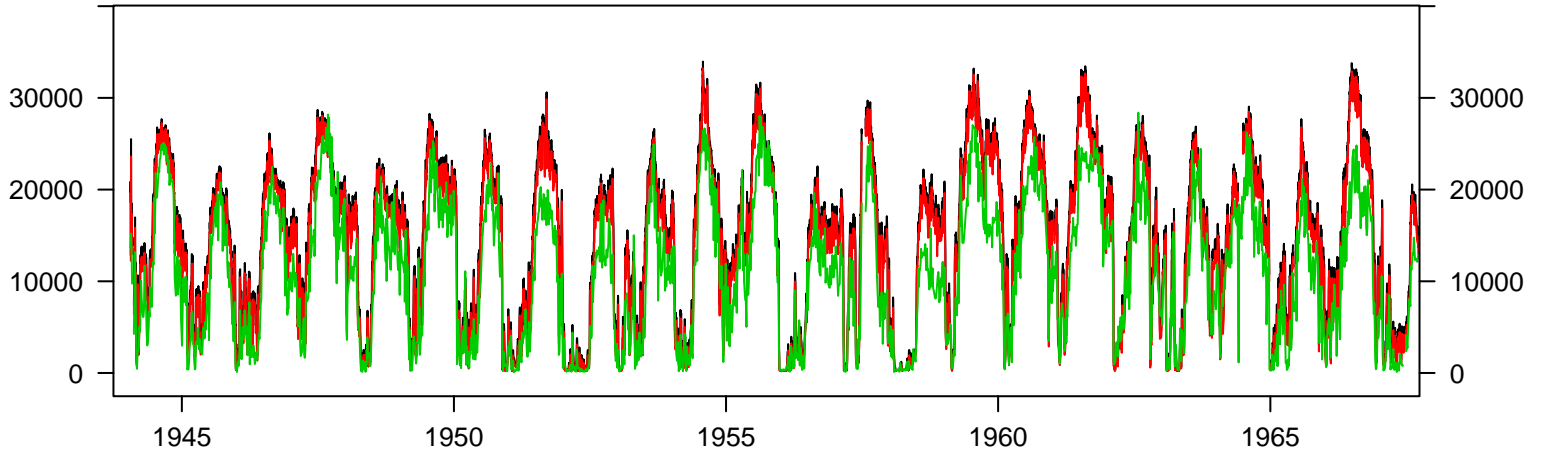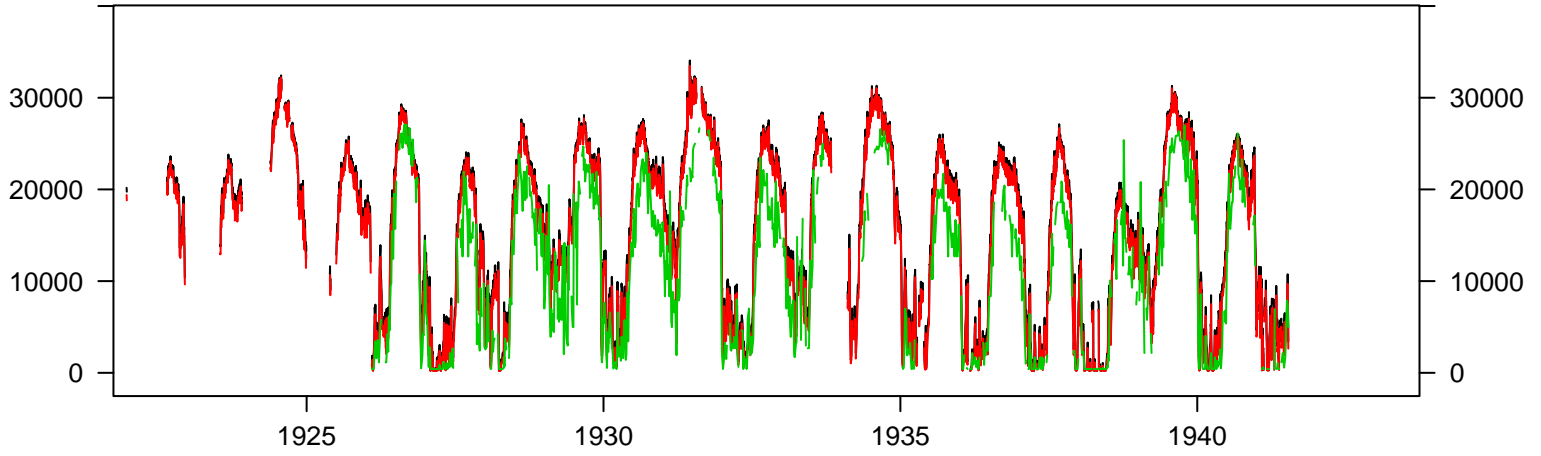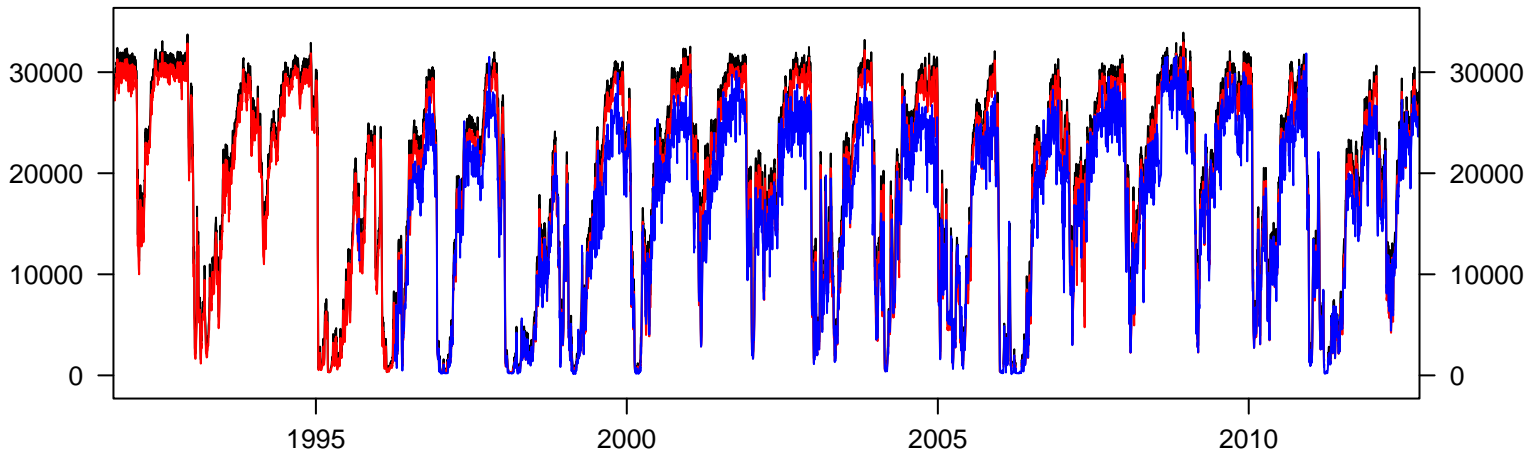
8
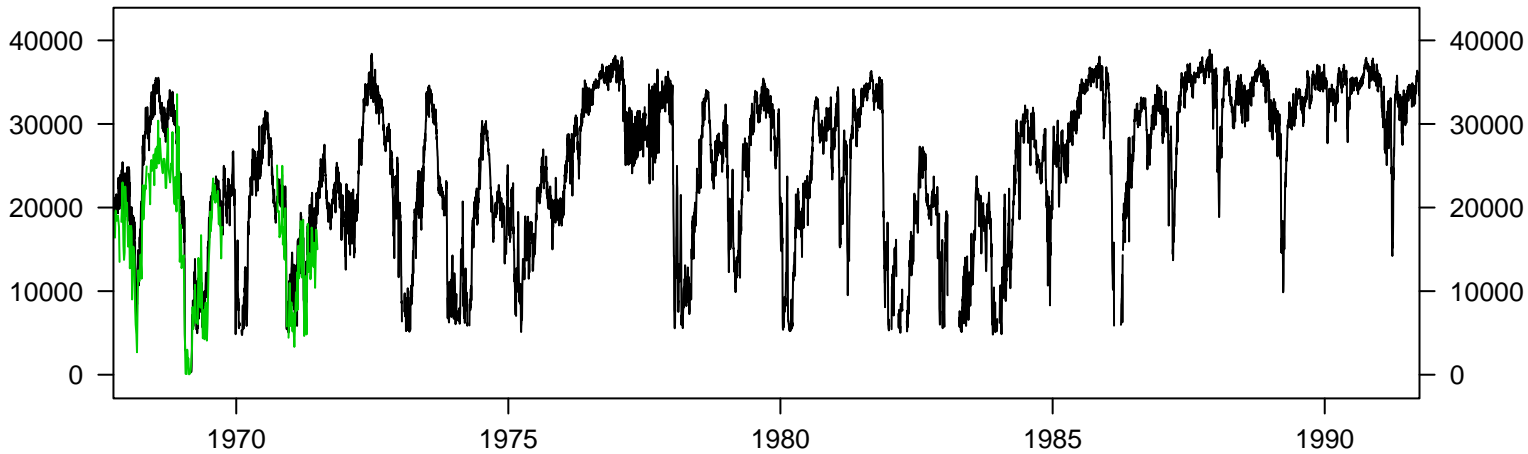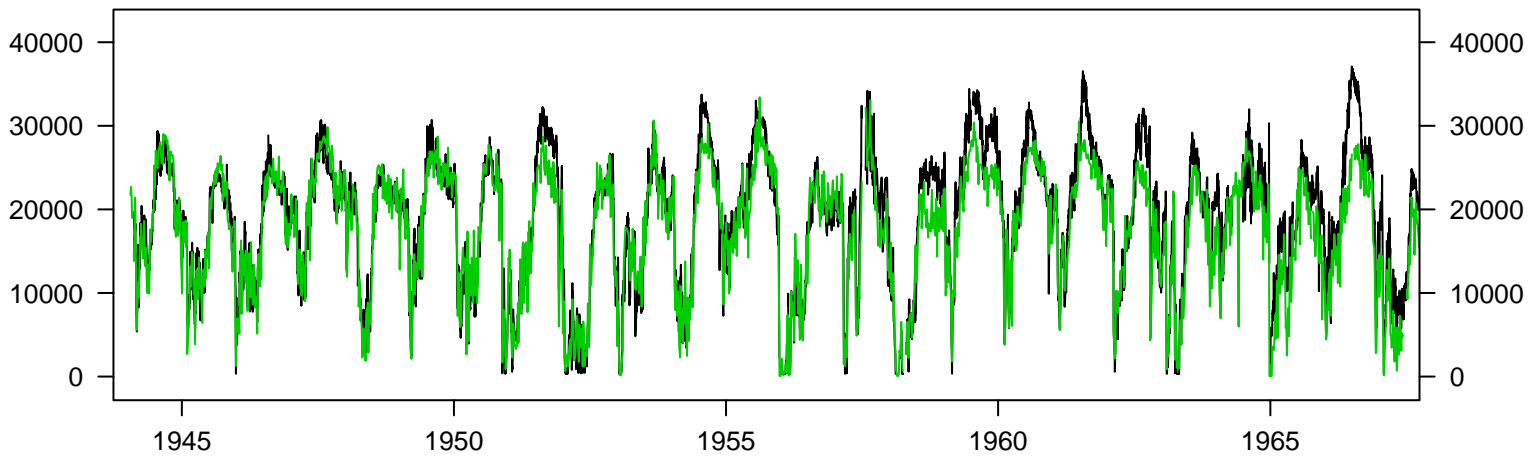
CAR, SAC

ANN, B23		
ANN, CDEC		
OBS, B23		
OBS, CDEC		

EC (uS/cm)

Date

9
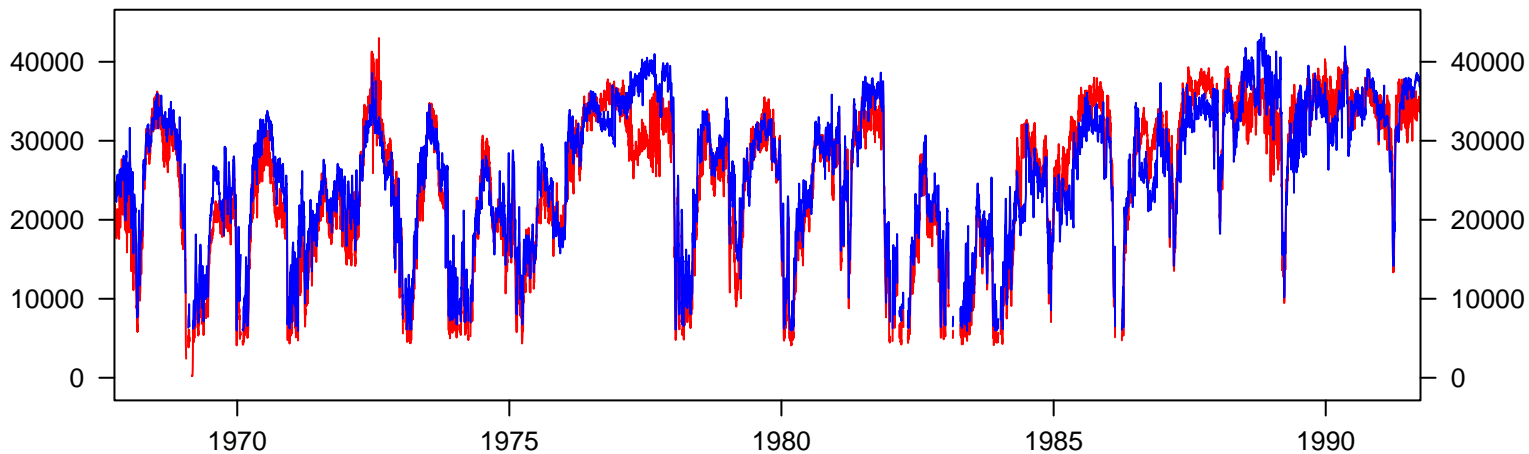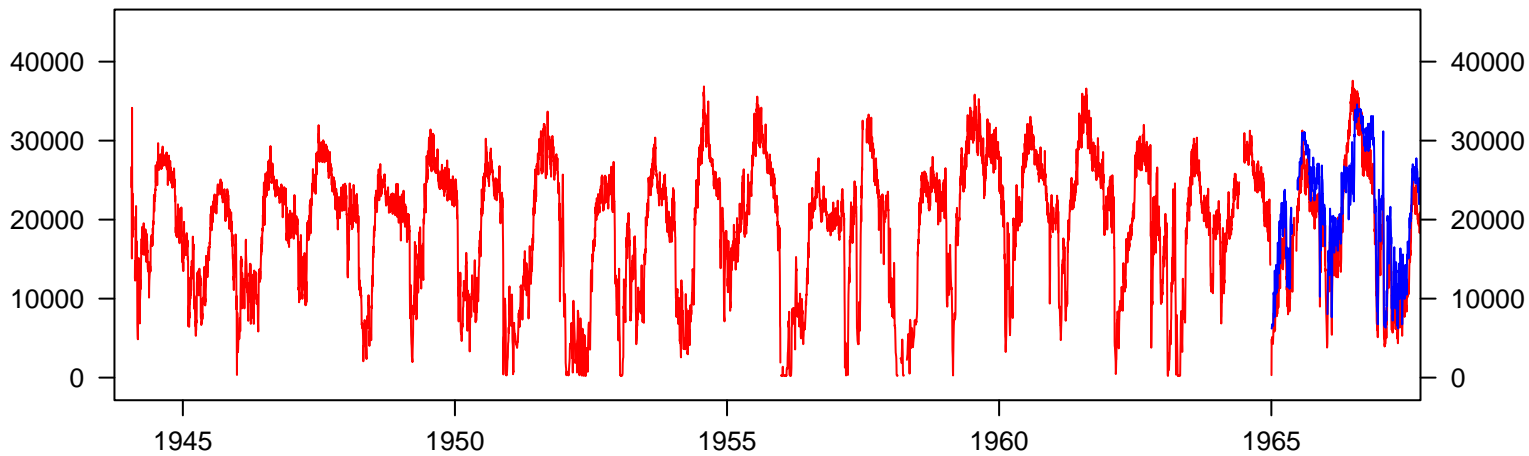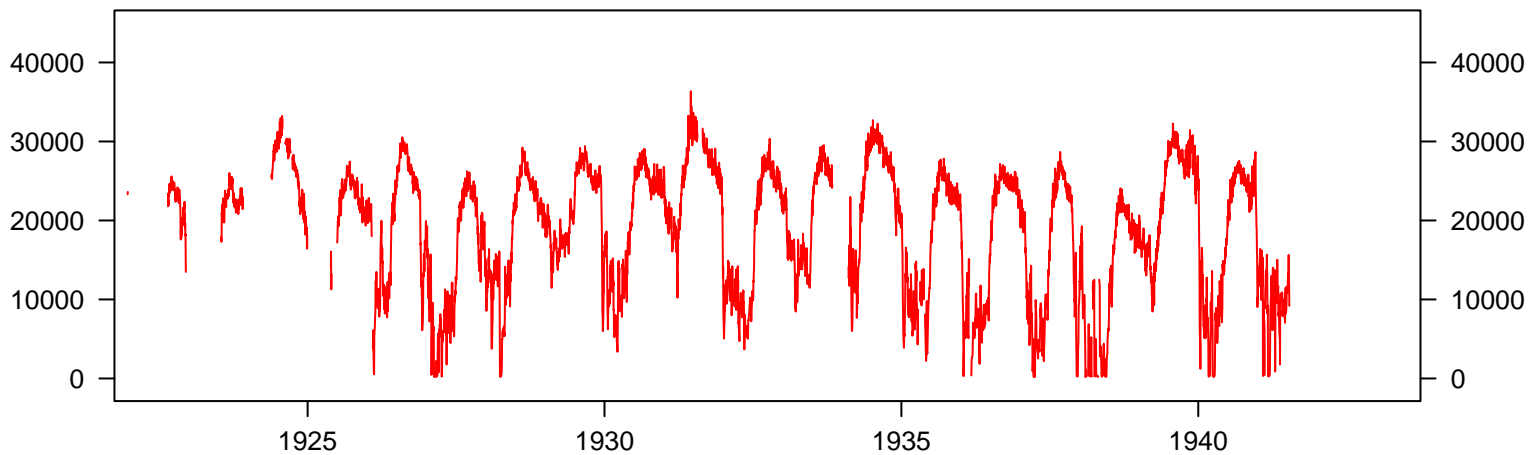
CAR, SJR

ANN, B23	
ANN, CDEC	
OBS, B23	
OBS, CDEC	

EC (uS/cm)
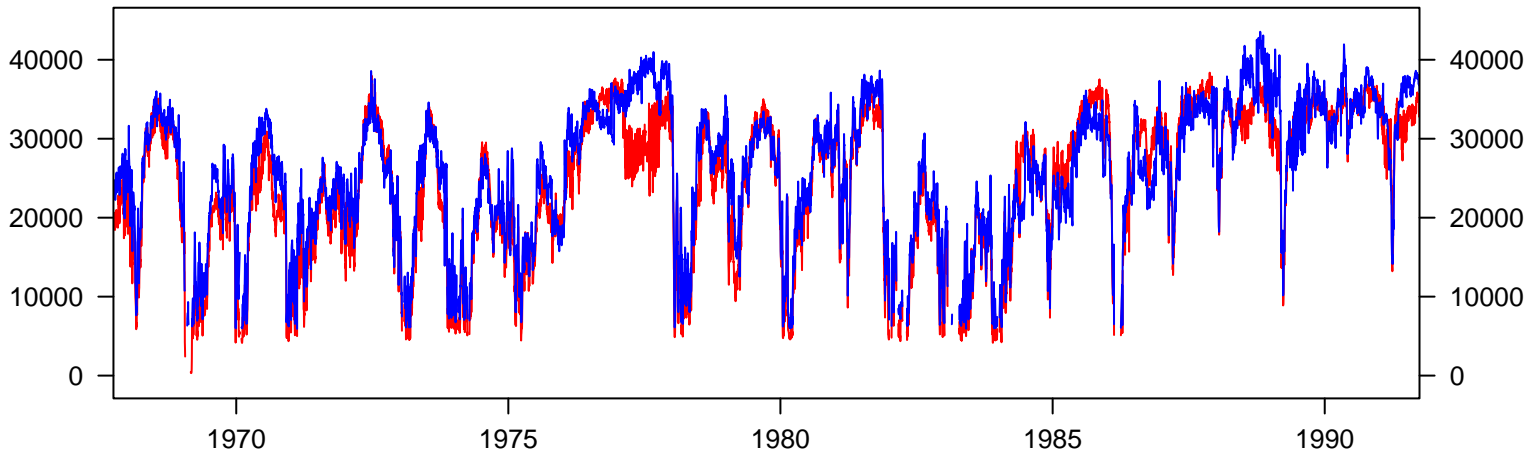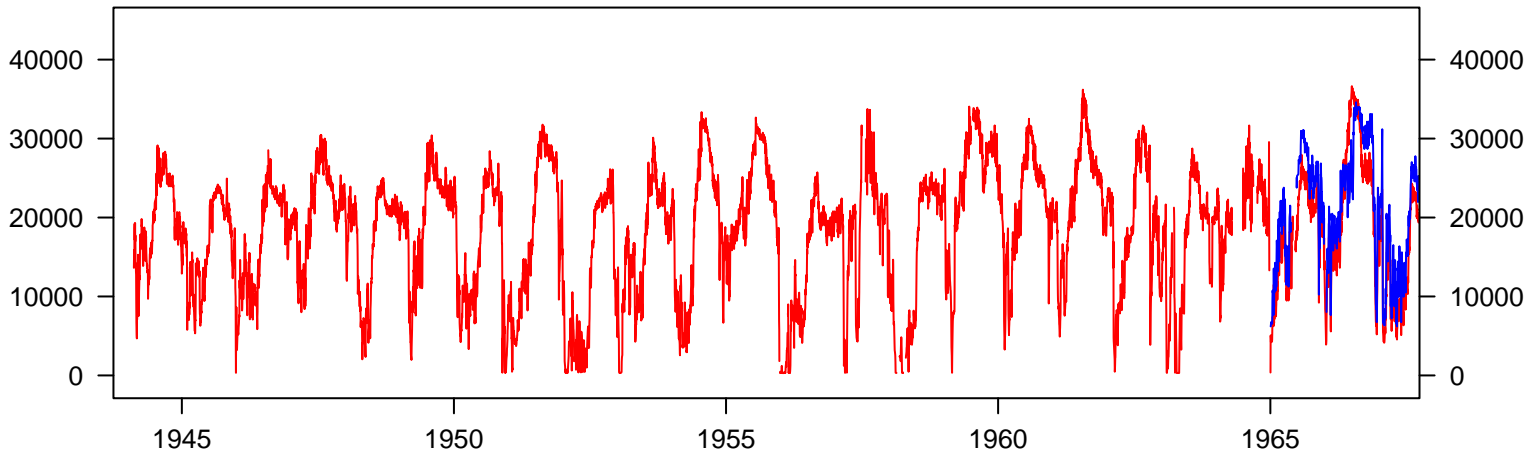
Date

10

BEN, SAC

ANN, B23 ────────
ANN, CDEC ────────
OBS, B23 ────────
OBS, CDEC ────────
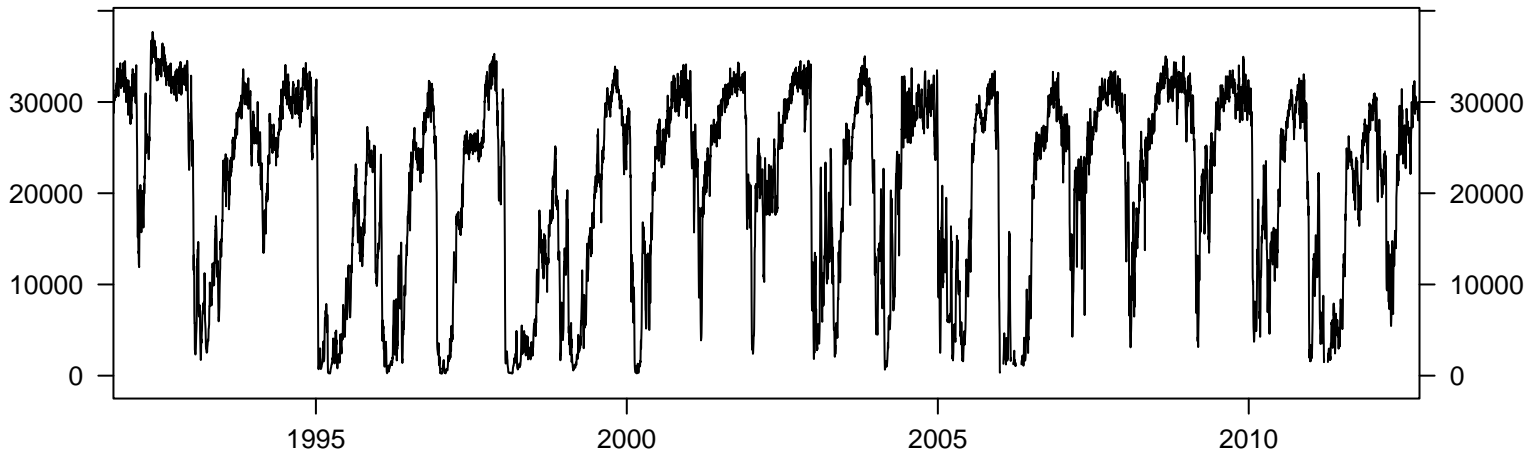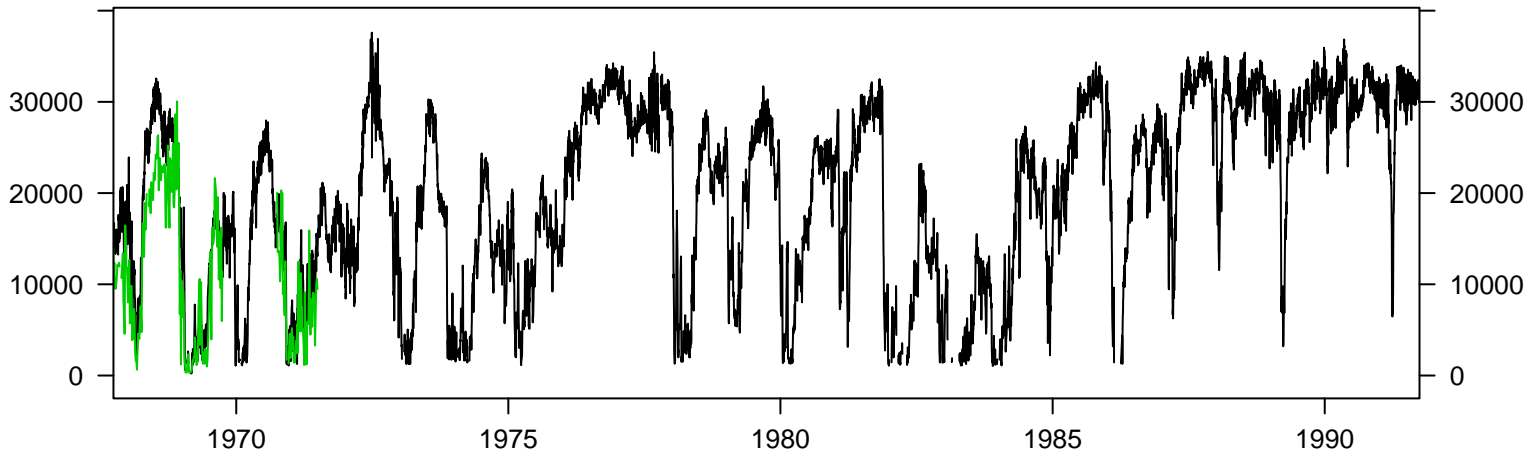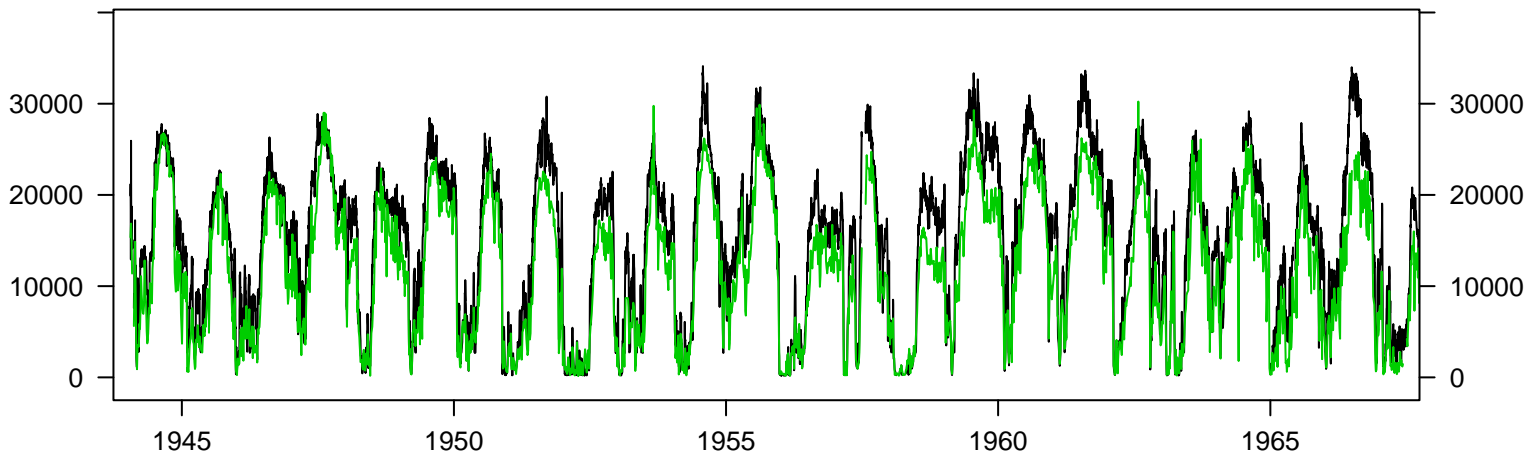
11

BEN, SJR

ANN, B23 ————
ANN, CDEC ————
OBS, B23 ————
OBS, CDEC ————

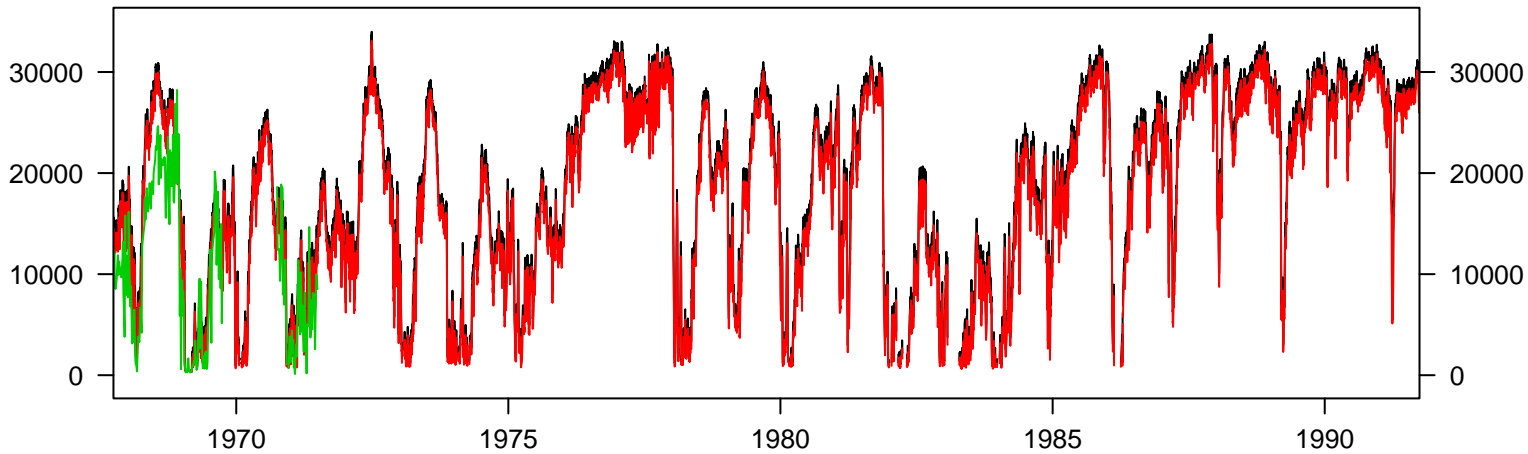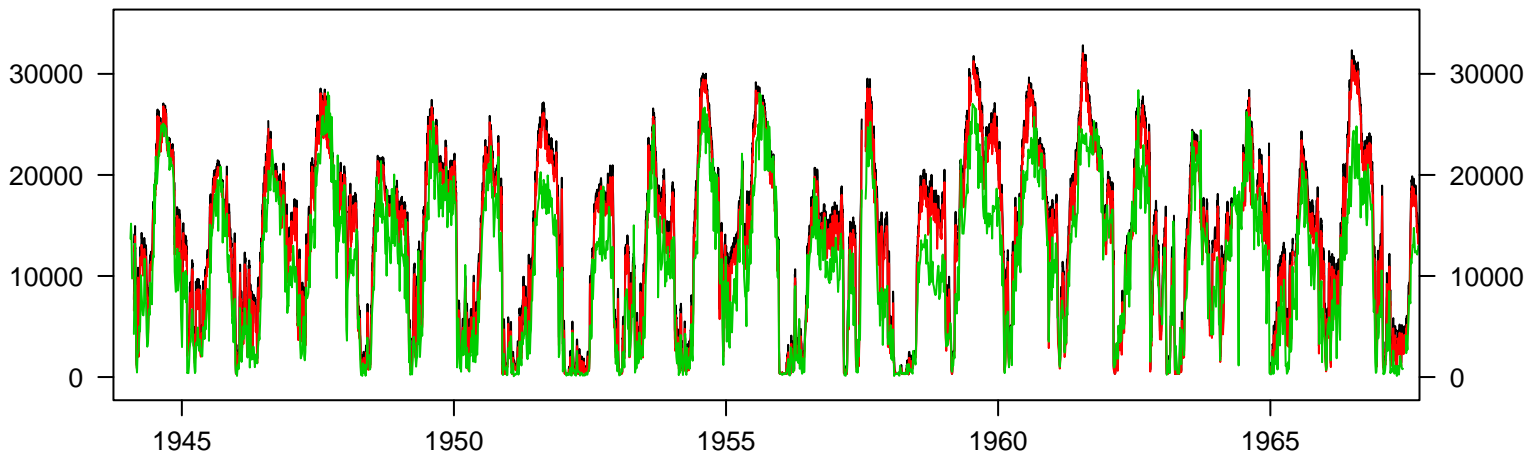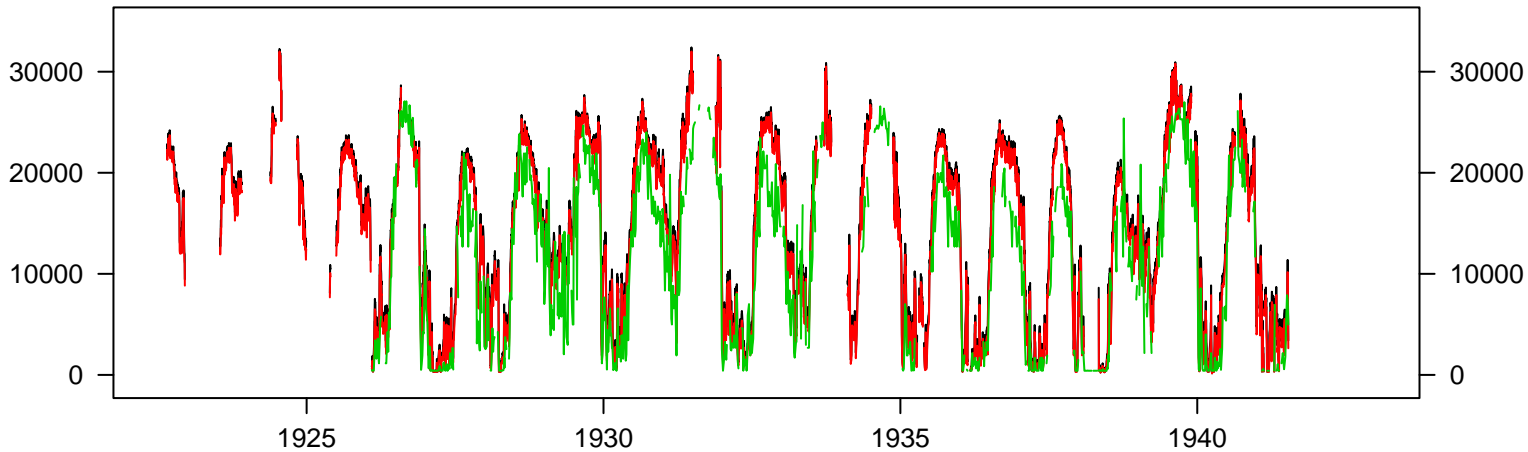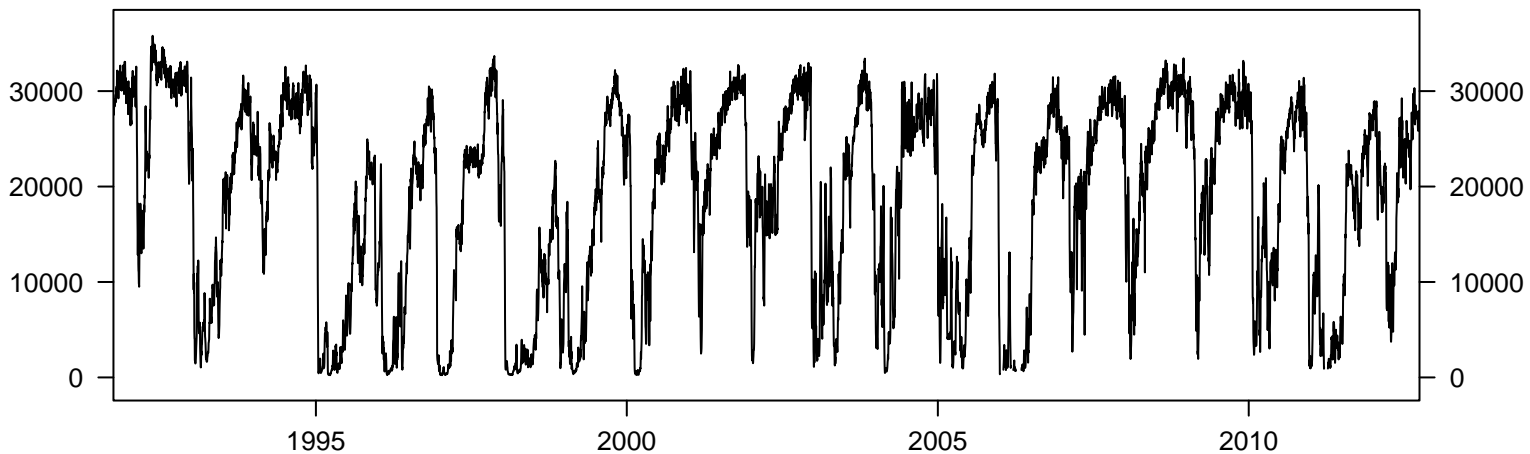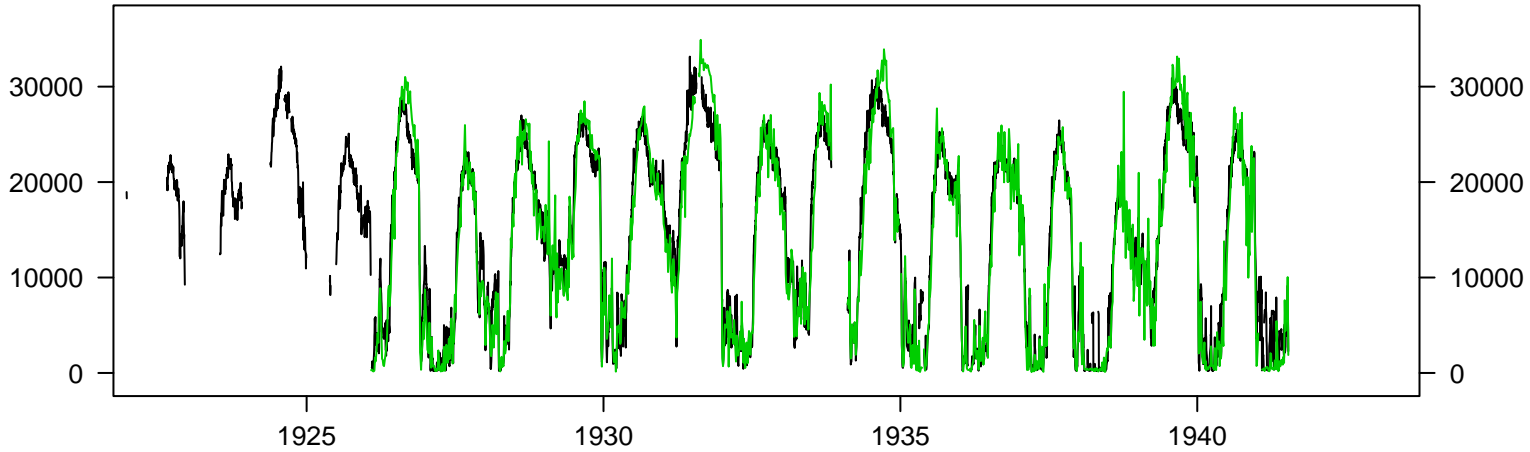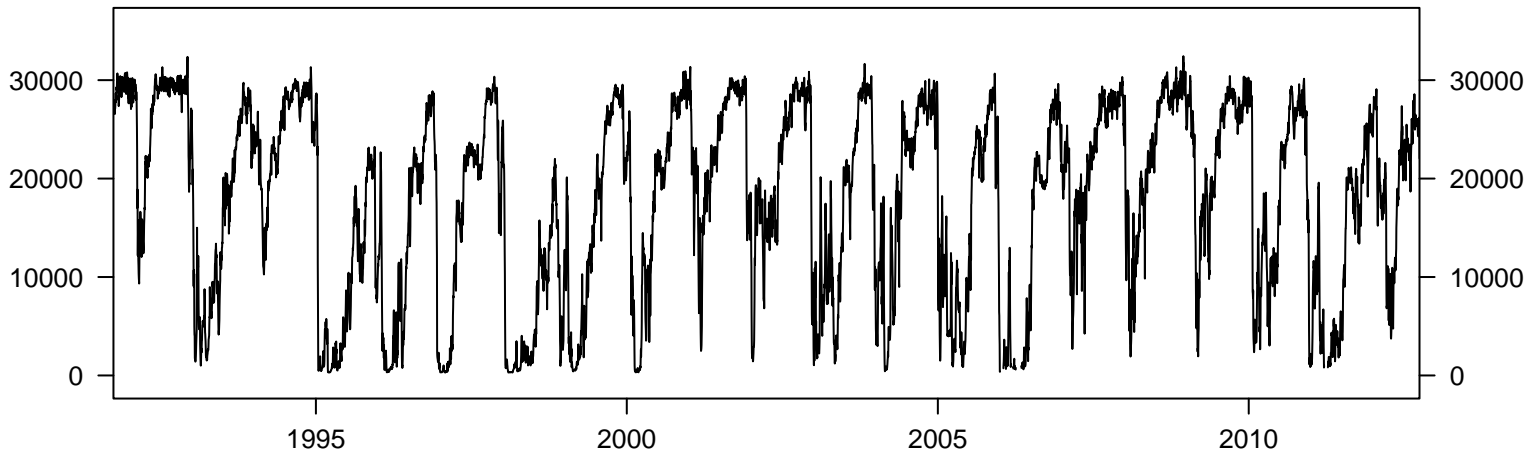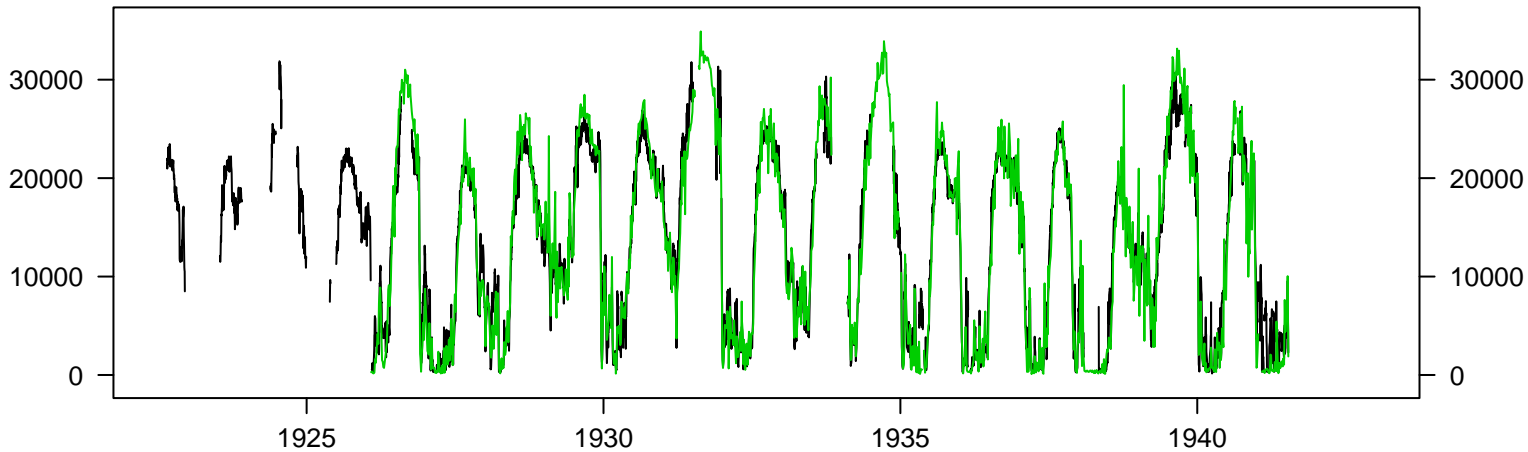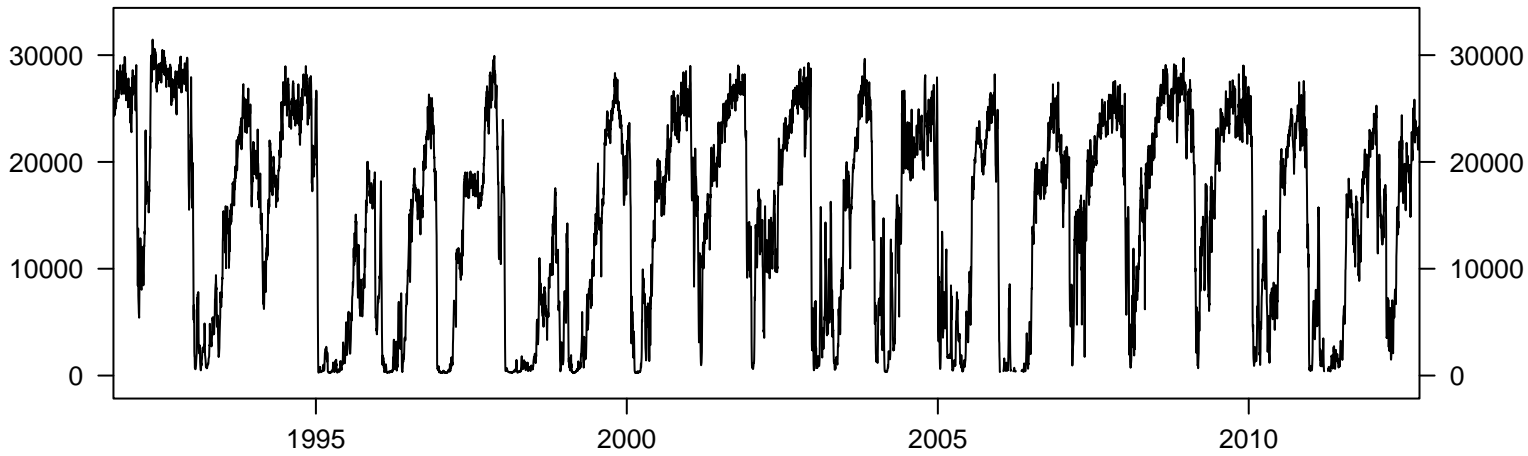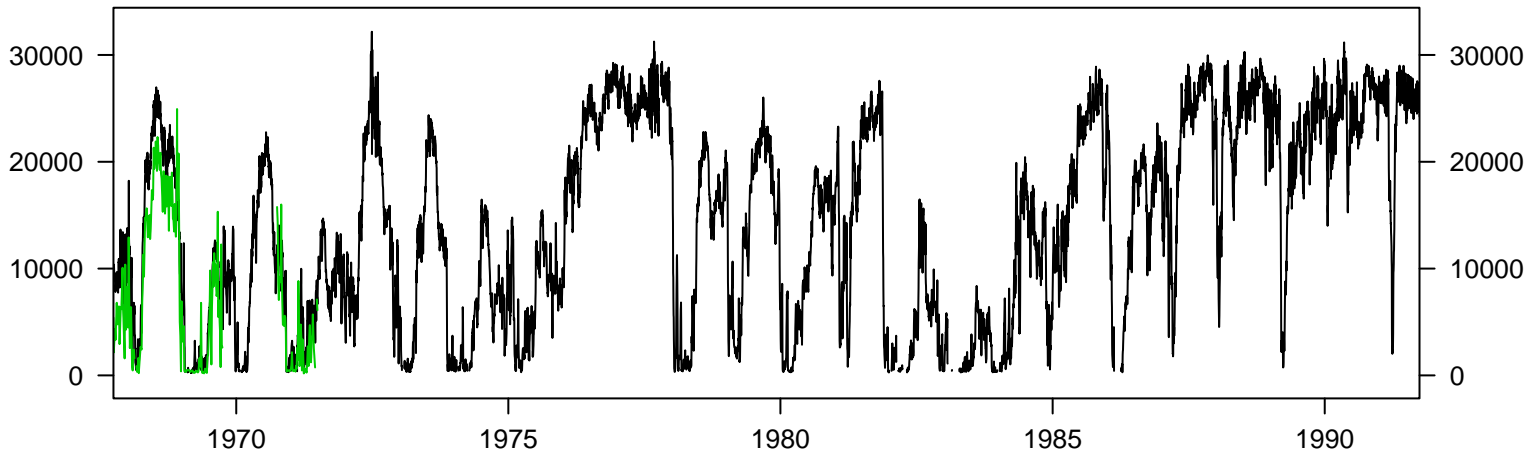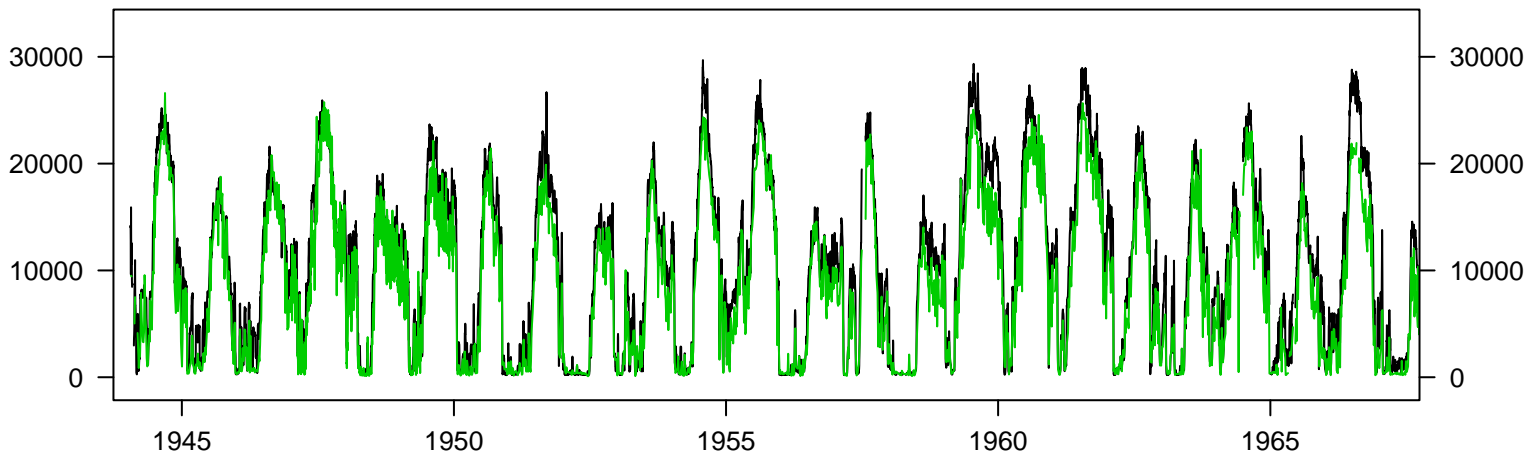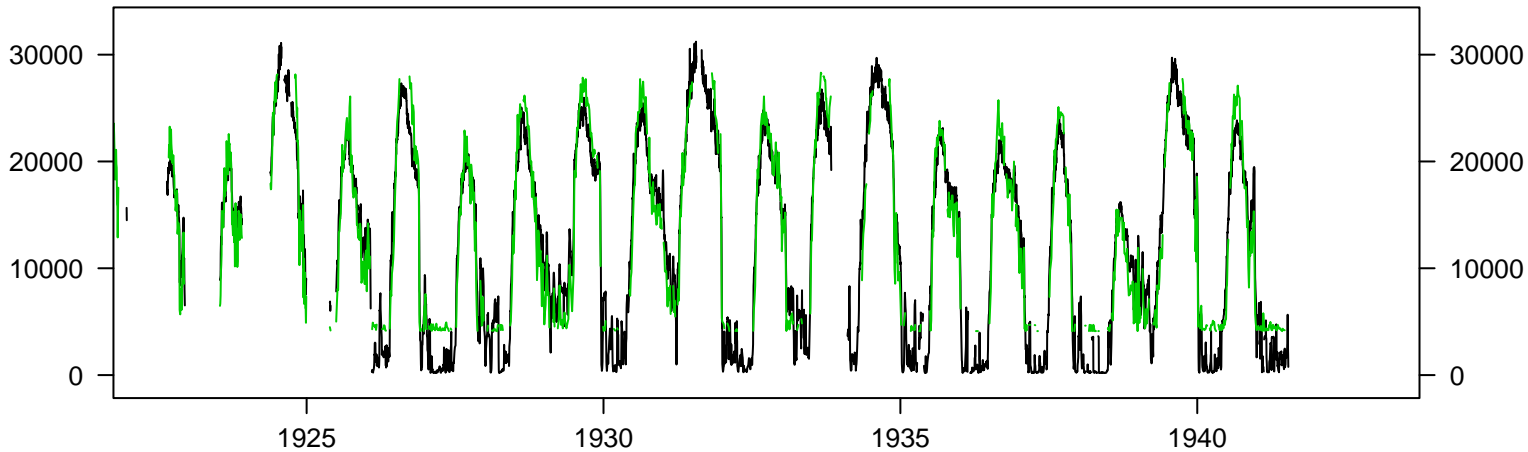EC (uS/cm)

Date

12

MRZ, SAC

Legend: ANN, B23 (black); ANN, CDEC (red); OBS, B23 (green); OBS, CDEC (blue)

EC (uS/cm)

Date

13
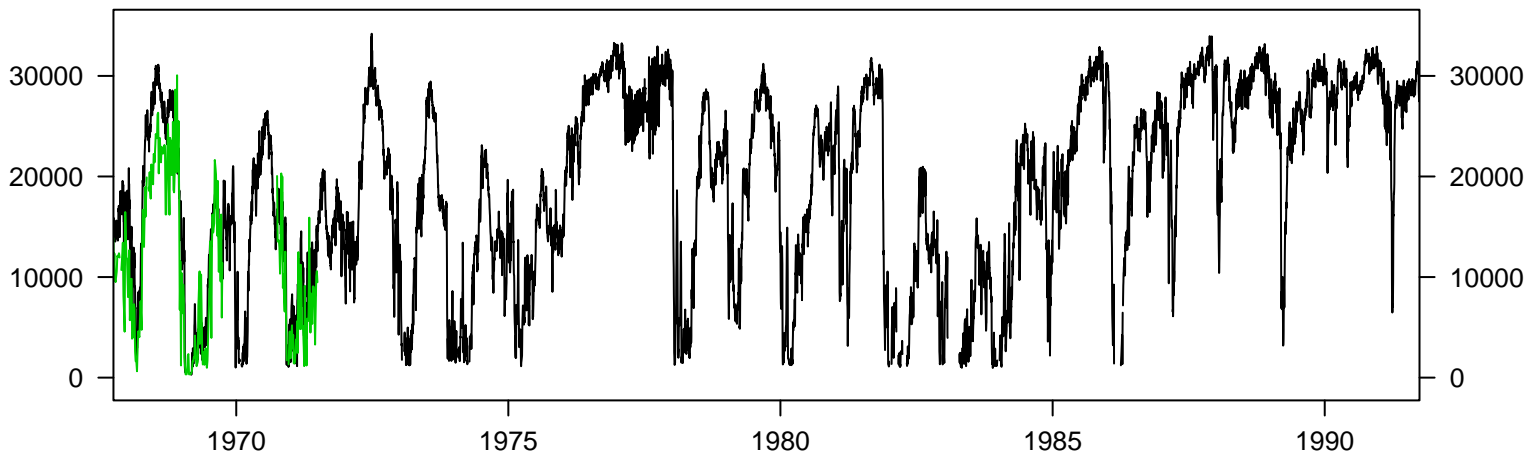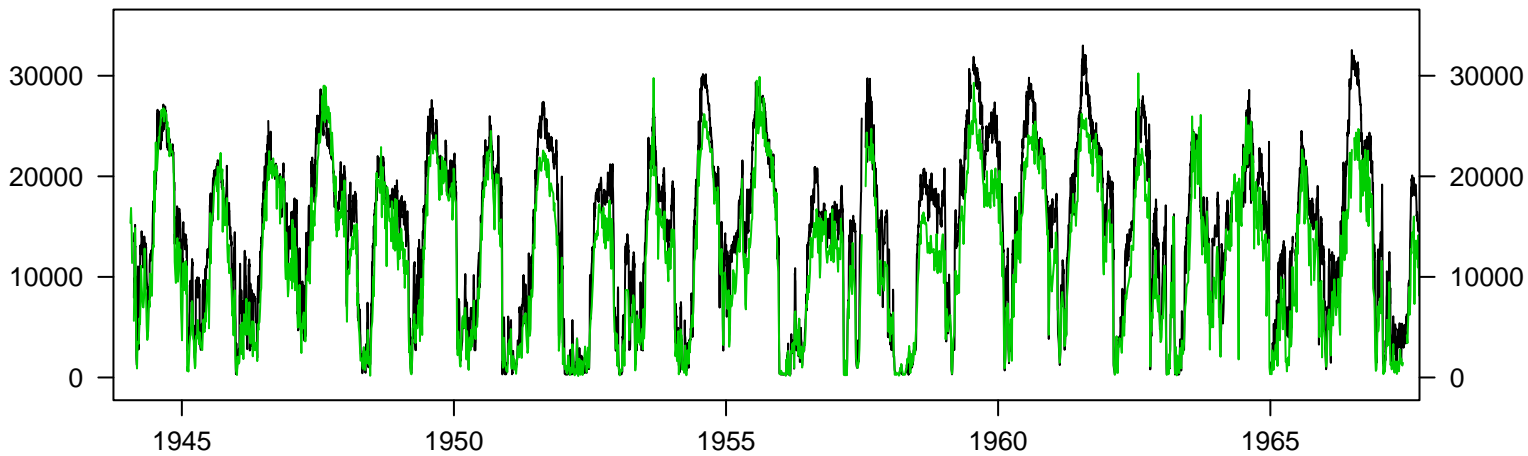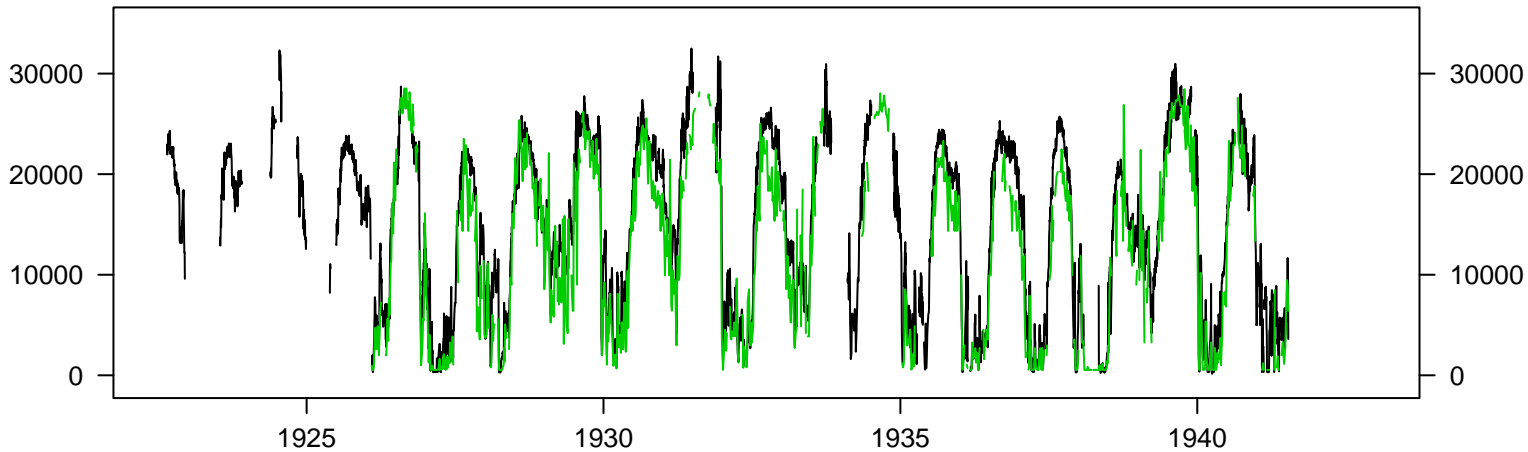
MRZ, SJR

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

14

BHP, SAC

ANN, B23 ─────
ANN, CDEC ─────
OBS, B23 ─────
OBS, CDEC ─────

EC (uS/cm)
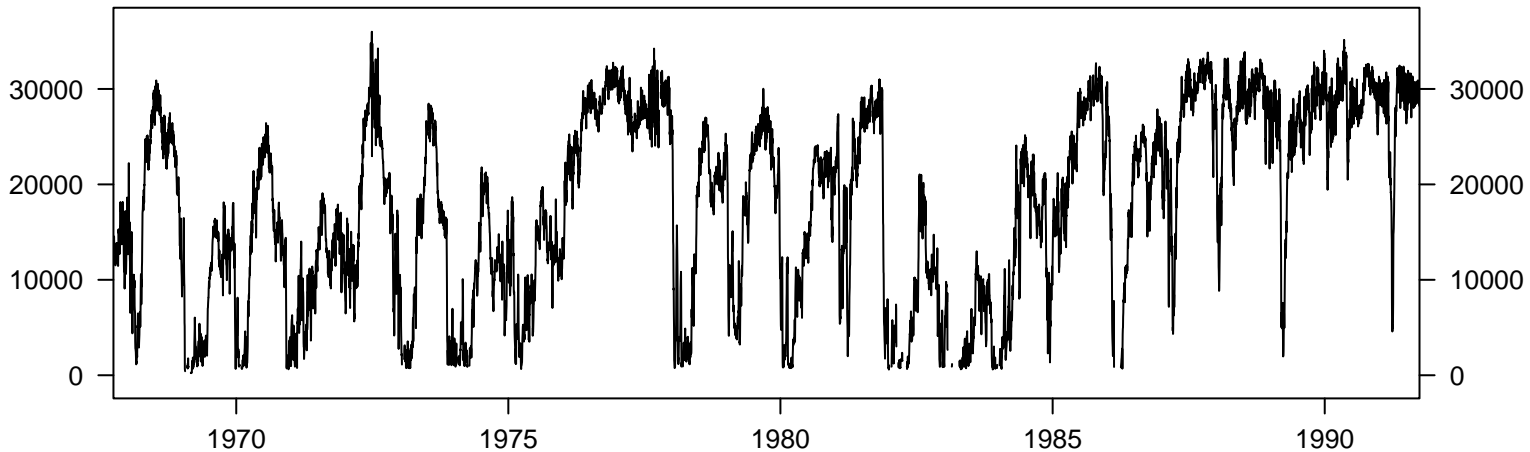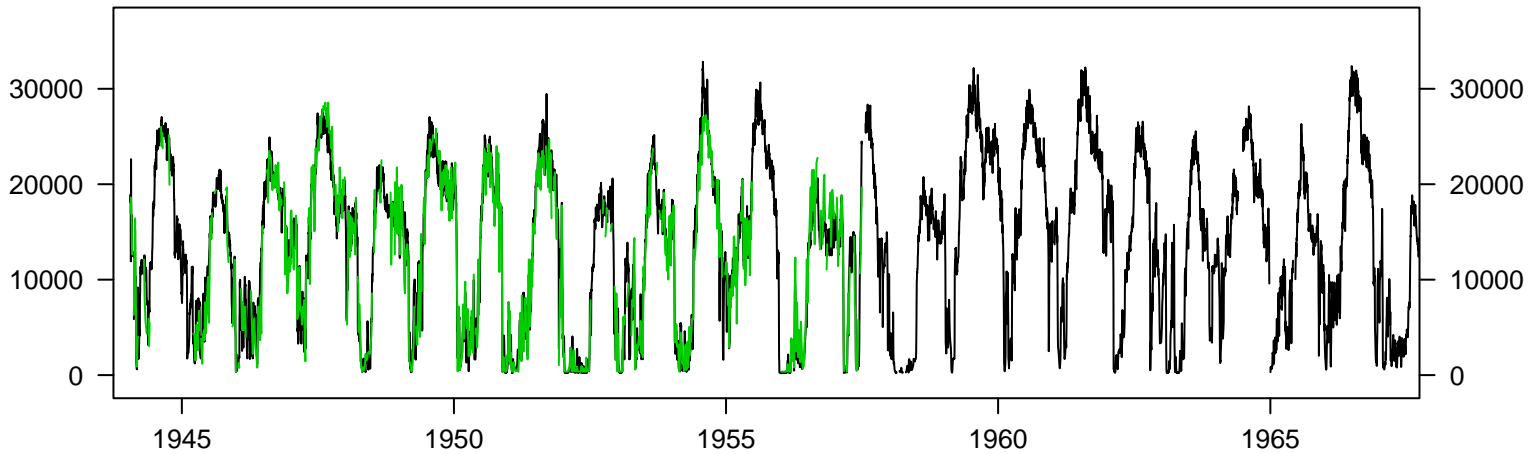
Date

15

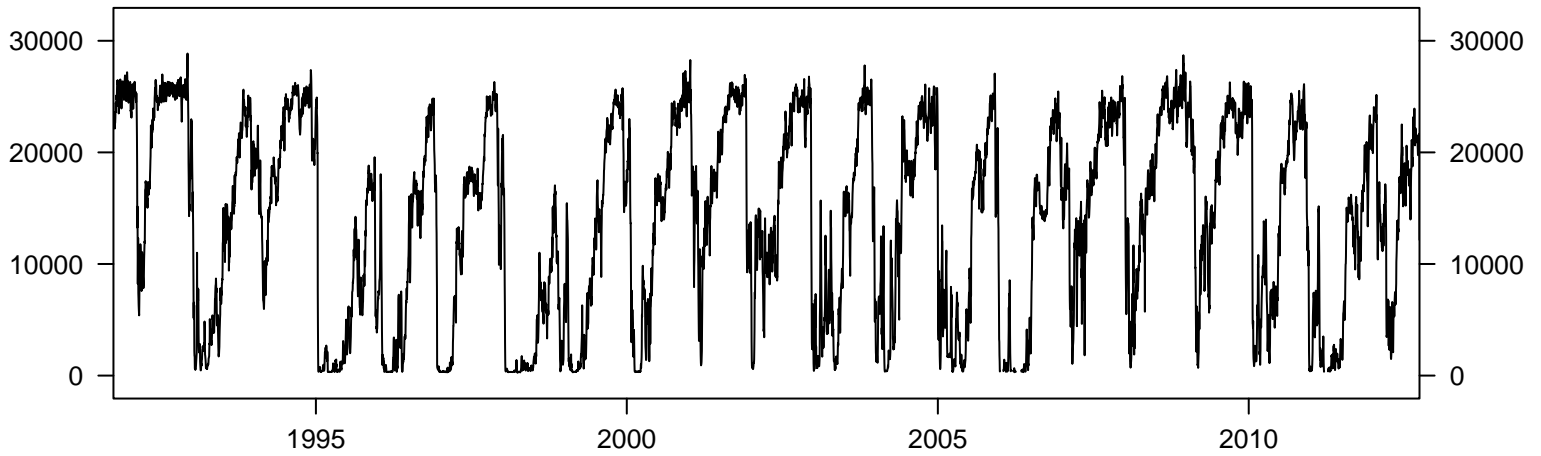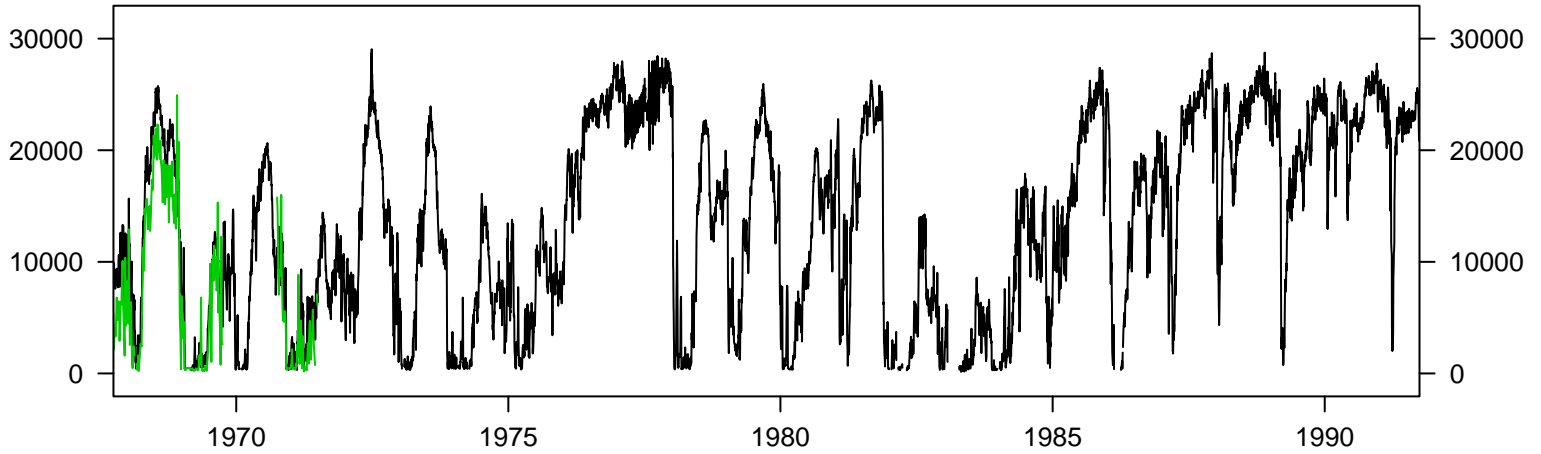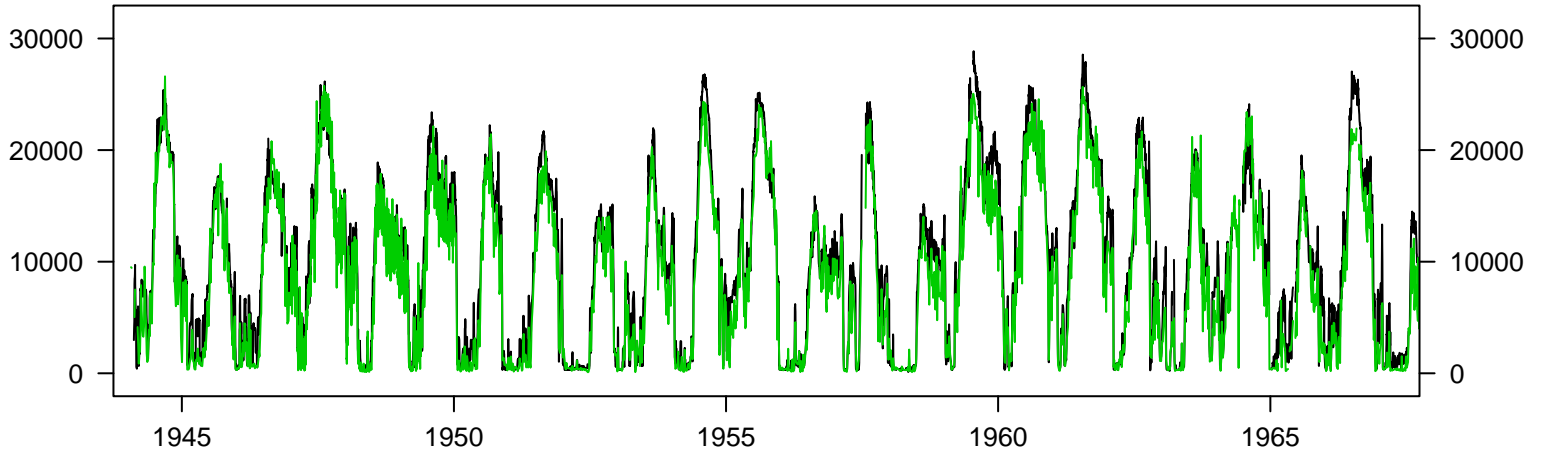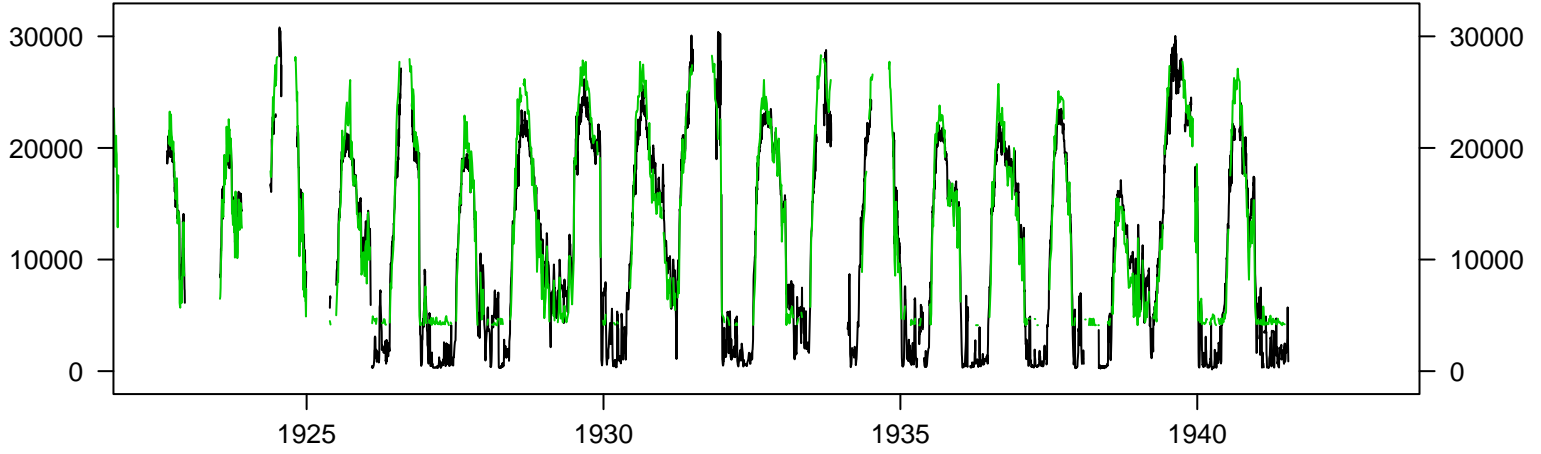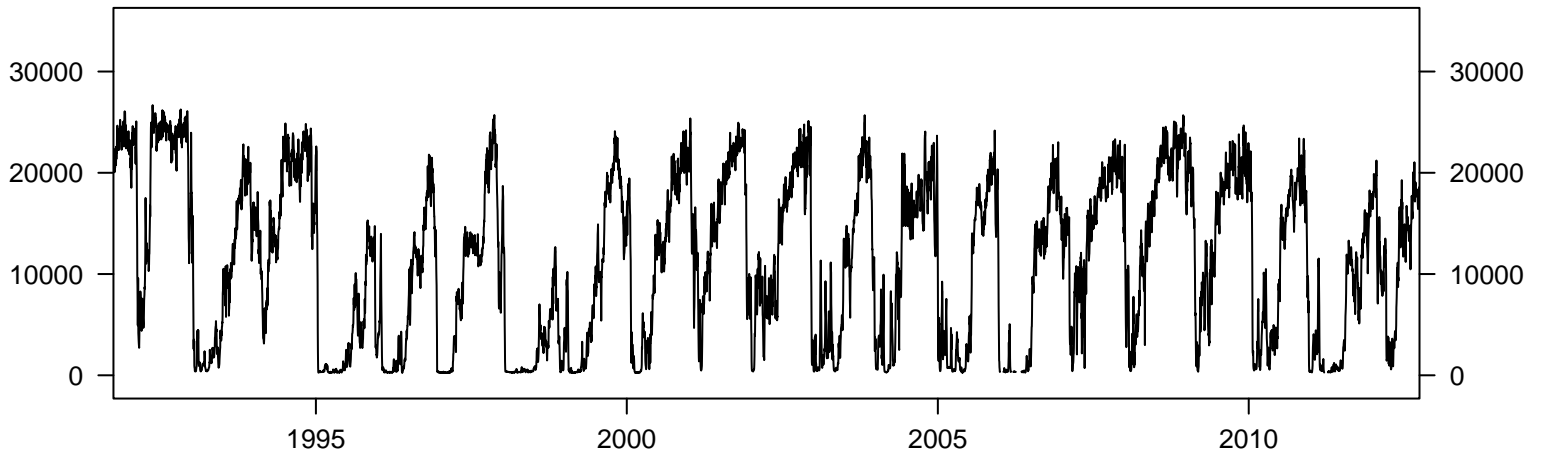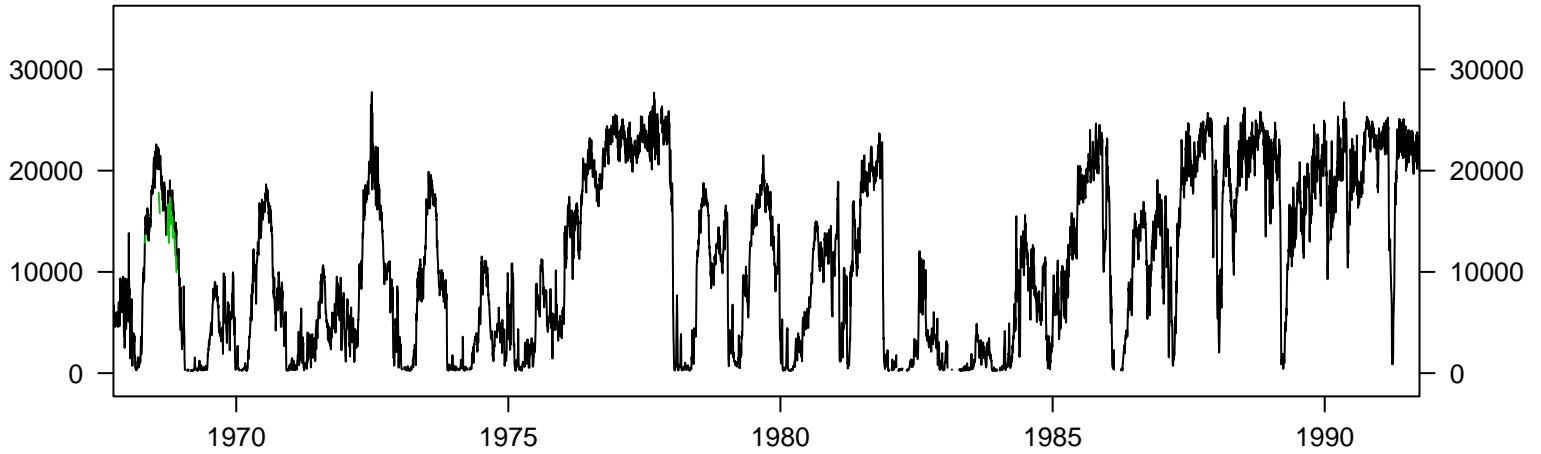# BHP, SJR

ANN, B23 ————
ANN, CDEC ————
OBS, B23 ————
OBS, CDEC ————
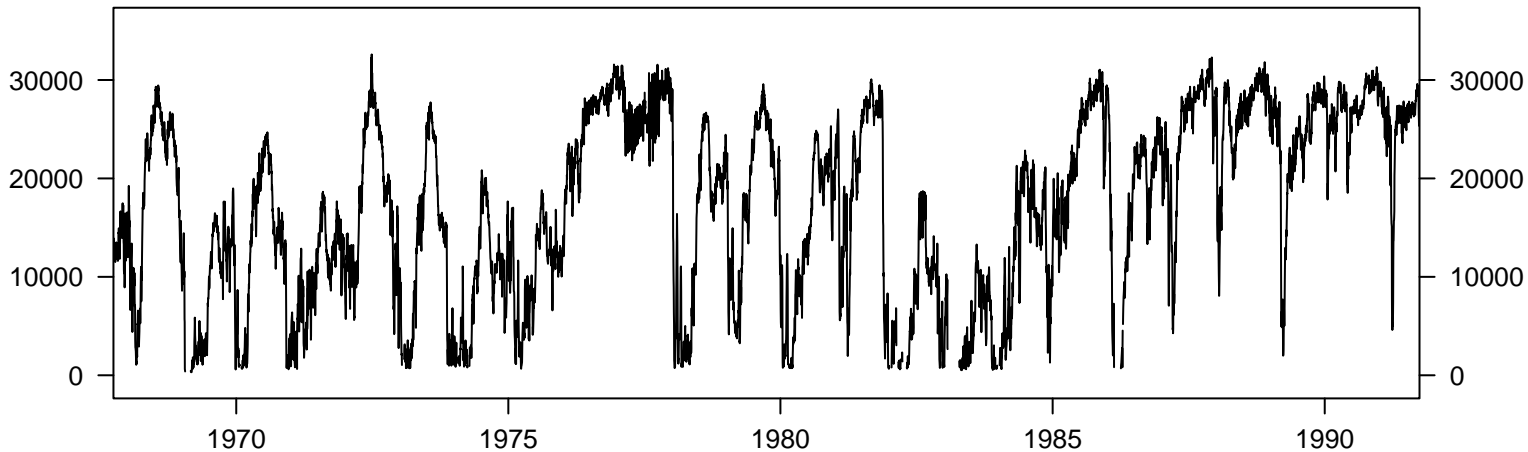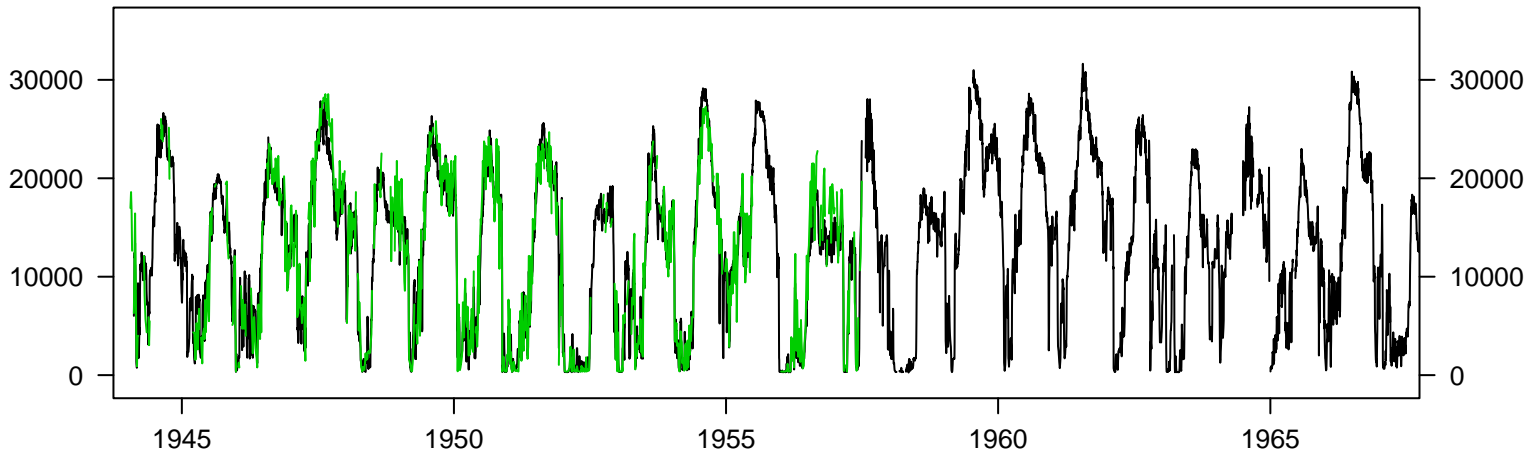
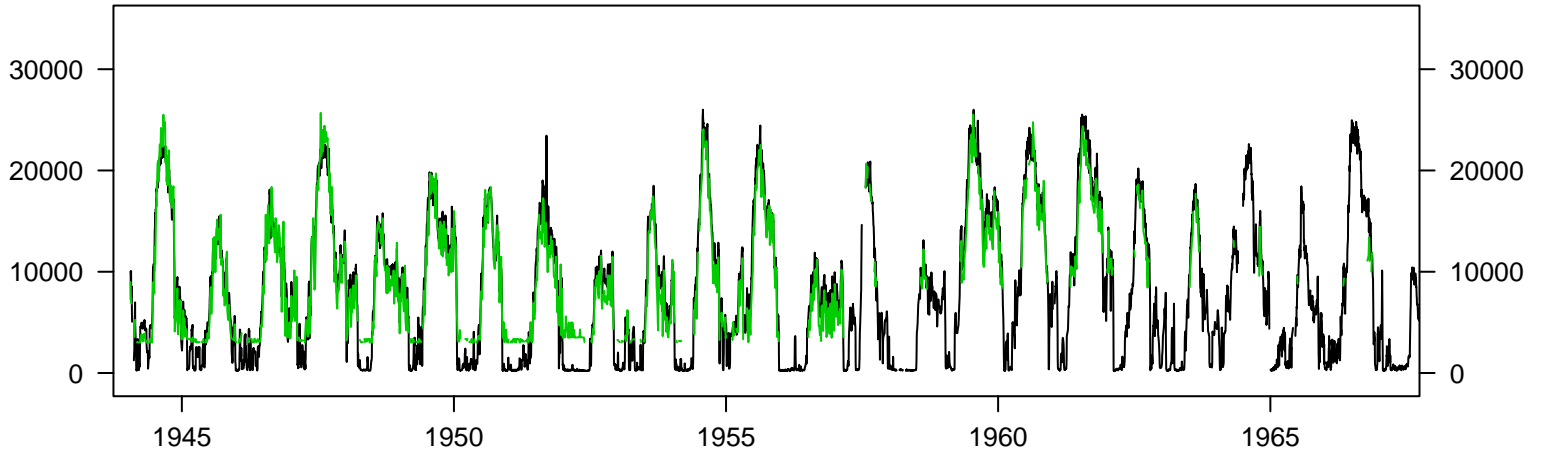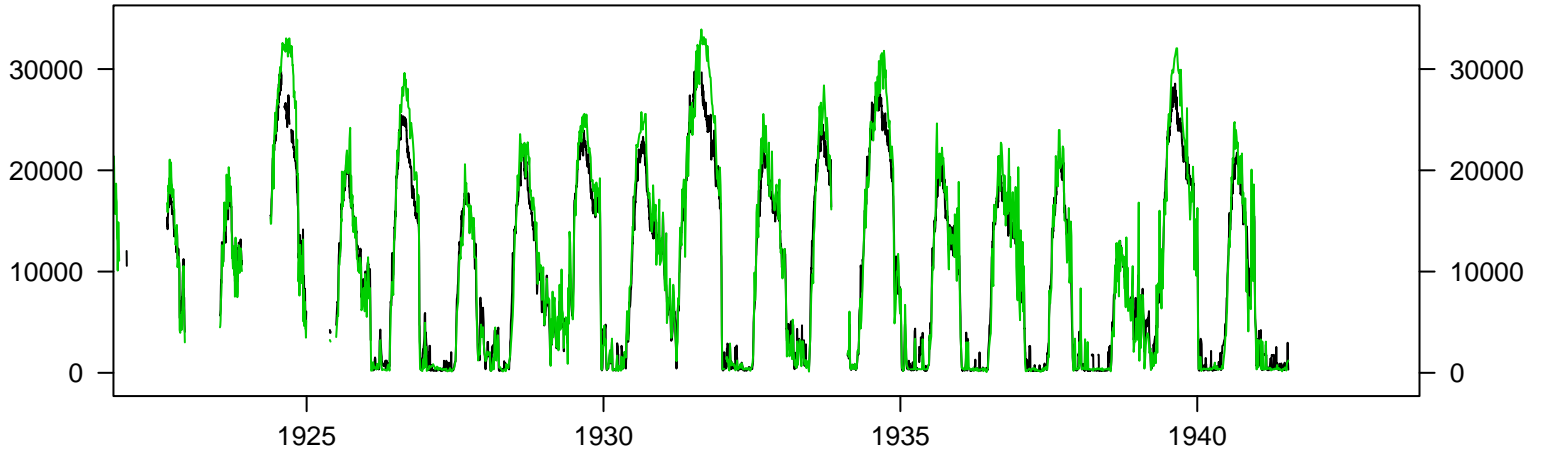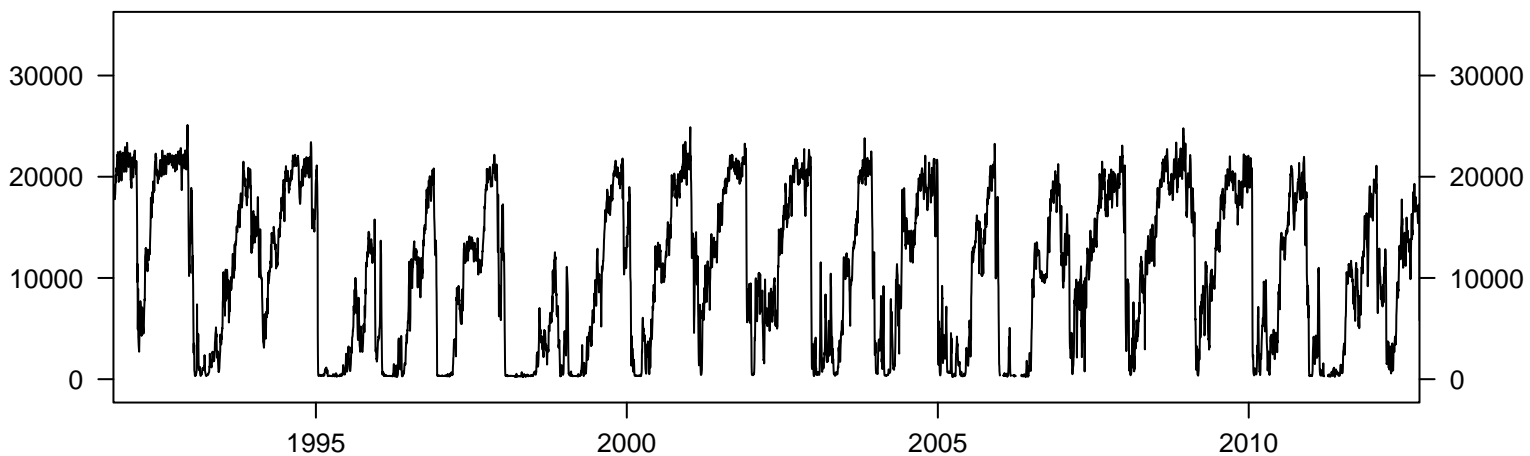EC (uS/cm)

Date

16

WSN, SAC

ANN, B23	———
ANN, CDEC	———
OBS, B23	———
OBS, CDEC	———

EC (uS/cm)

Date

17

WSN, SJR

Legend:
- ANN, B23 (black)
- ANN, CDEC (red)
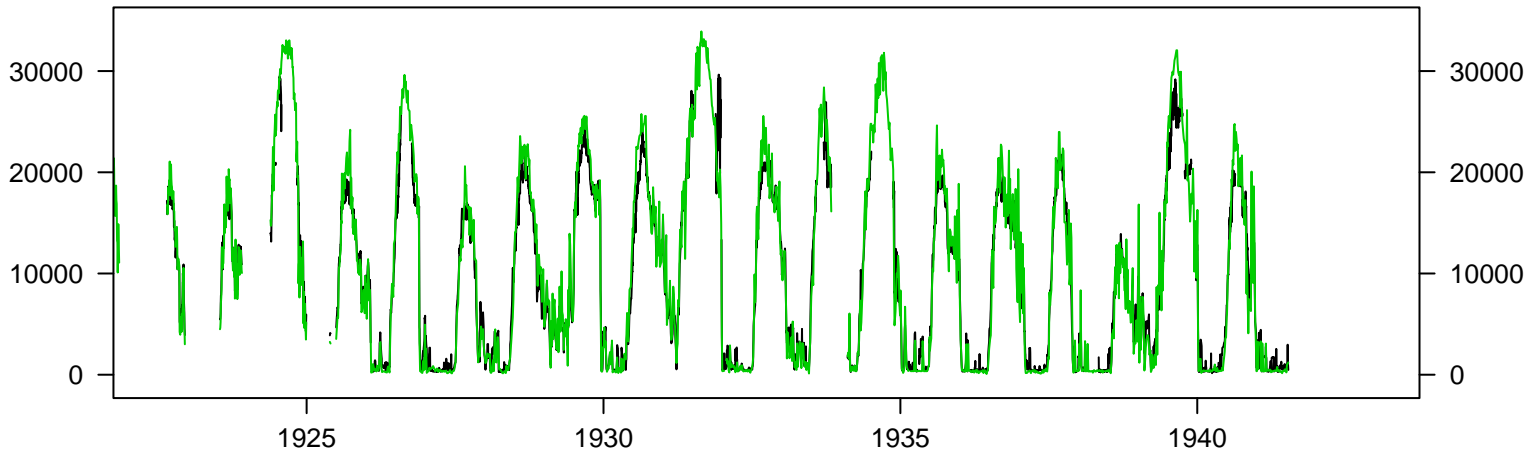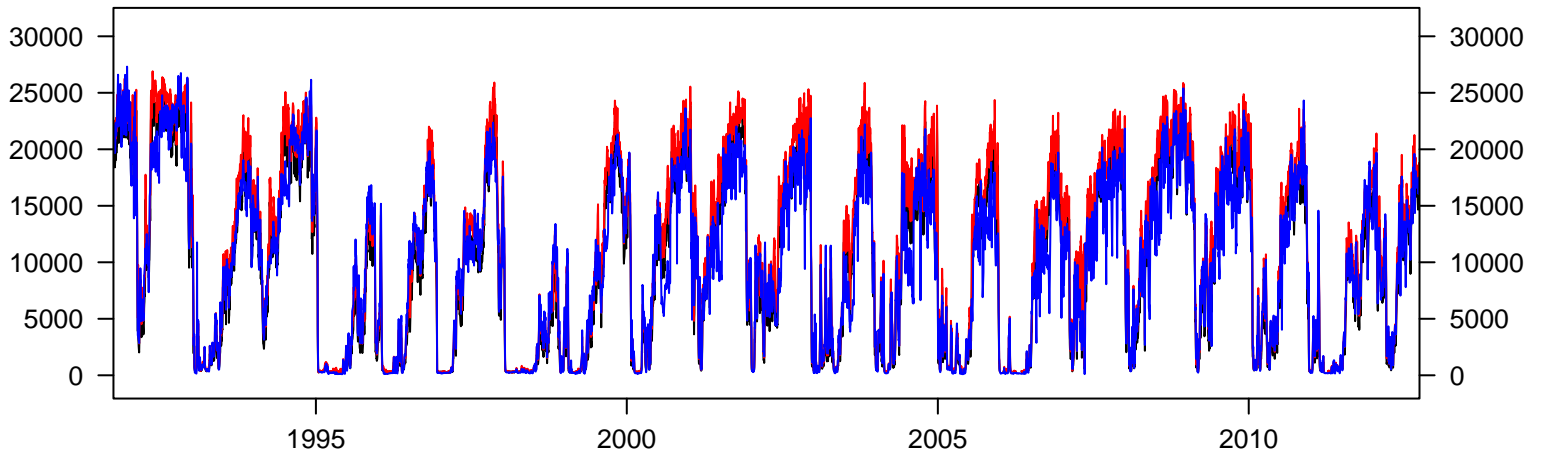- OBS, B23 (green)
- OBS, CDEC (blue)

EC (uS/cm) vs Date

18

BPT, SAC
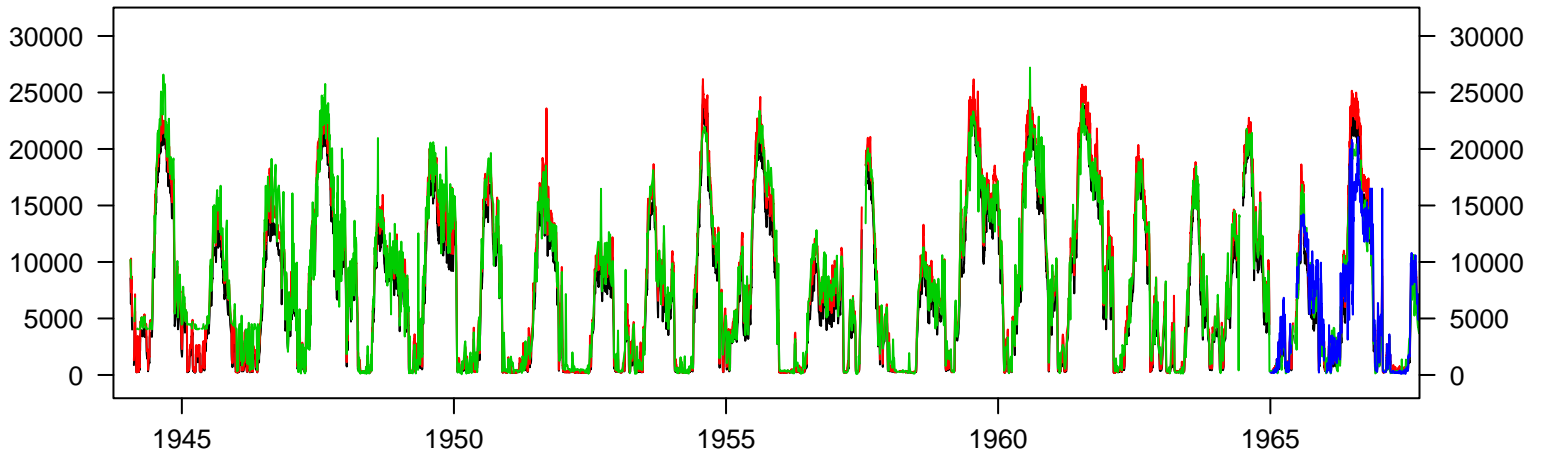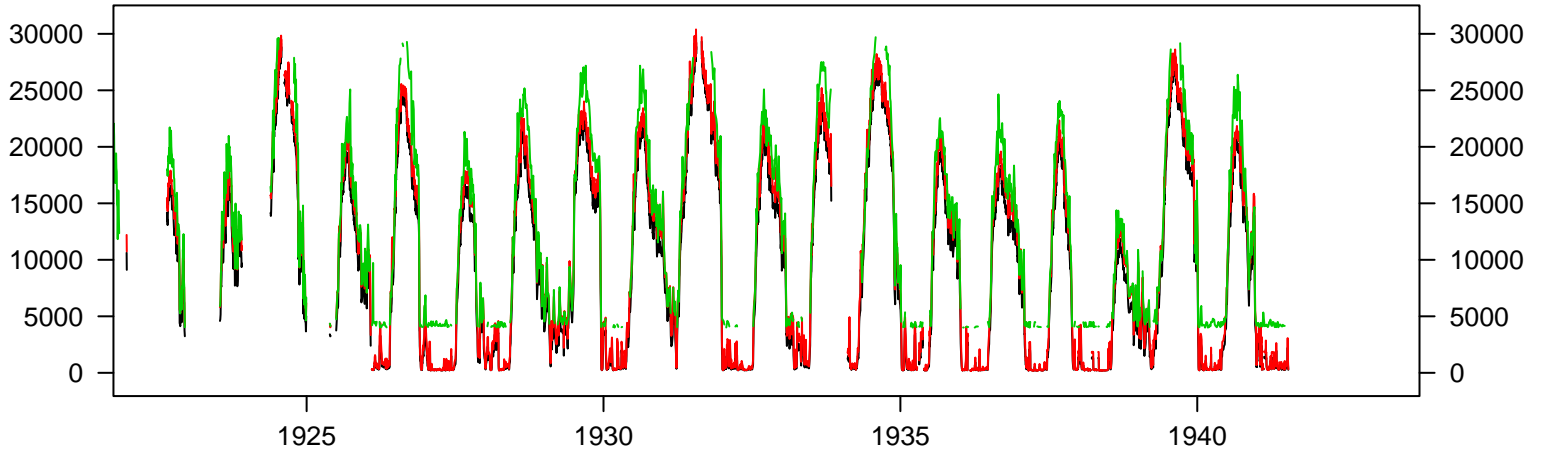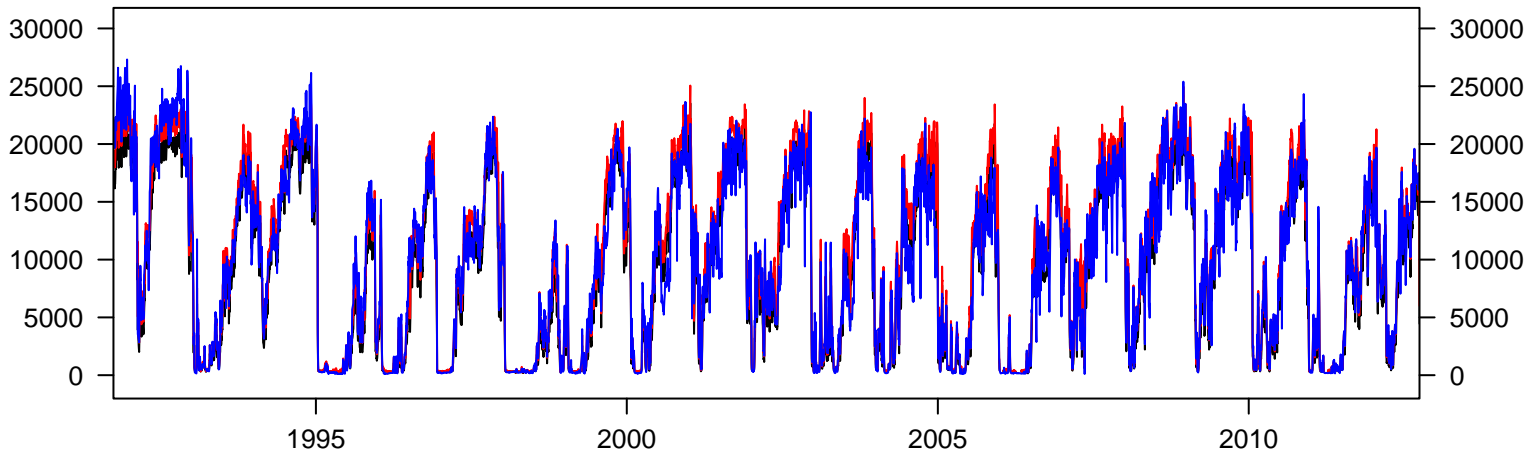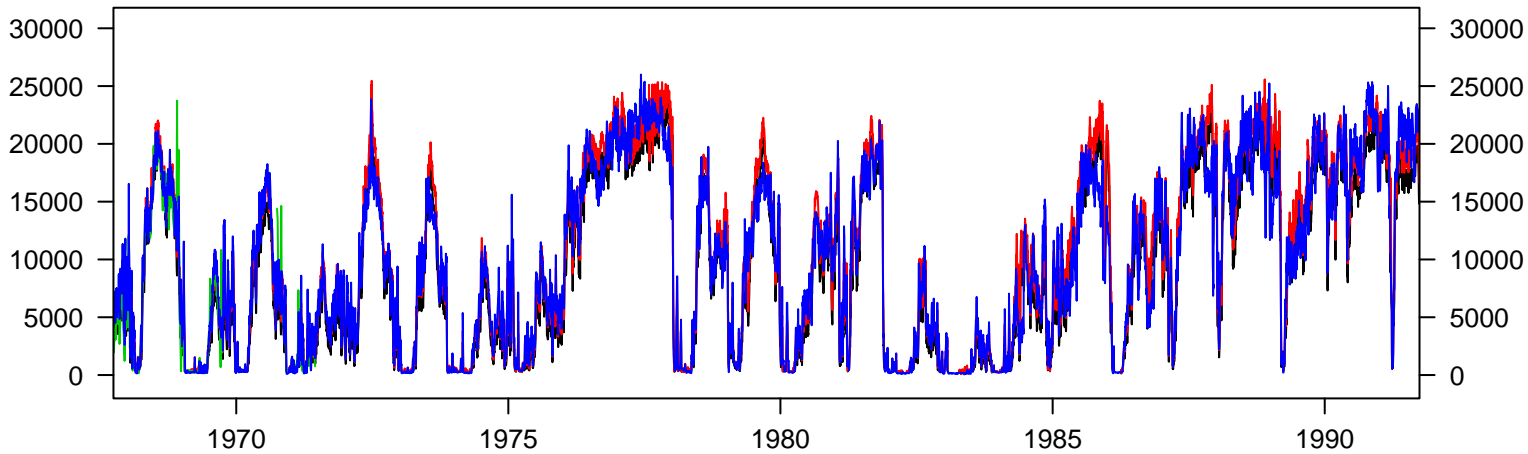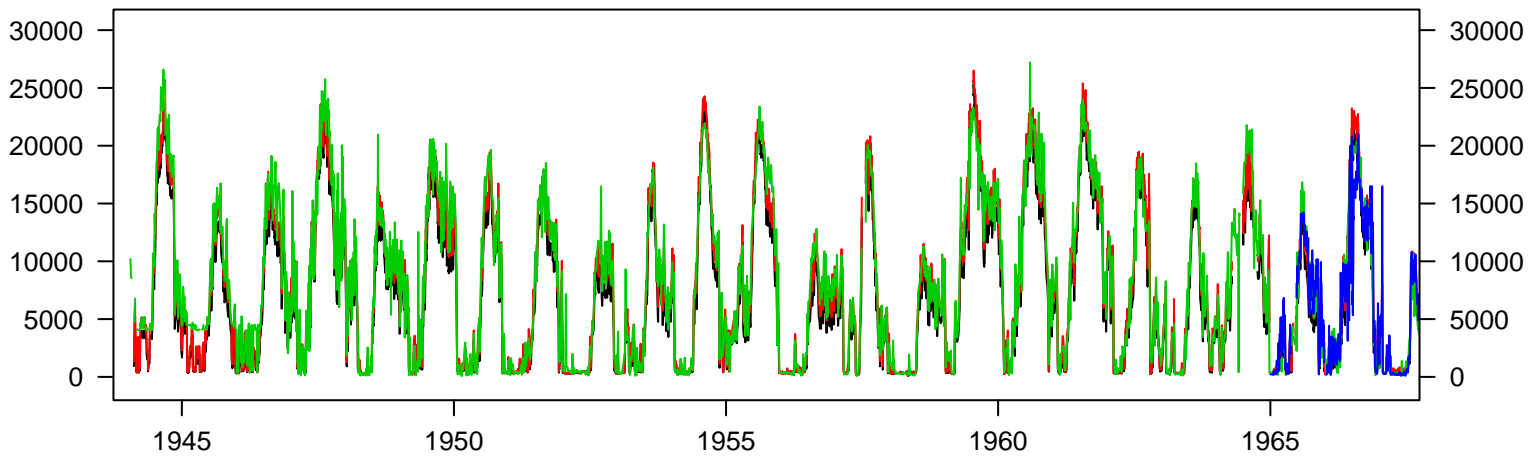
ANN, B23 ————
ANN, CDEC ————
OBS, B23 ————
OBS, CDEC ————

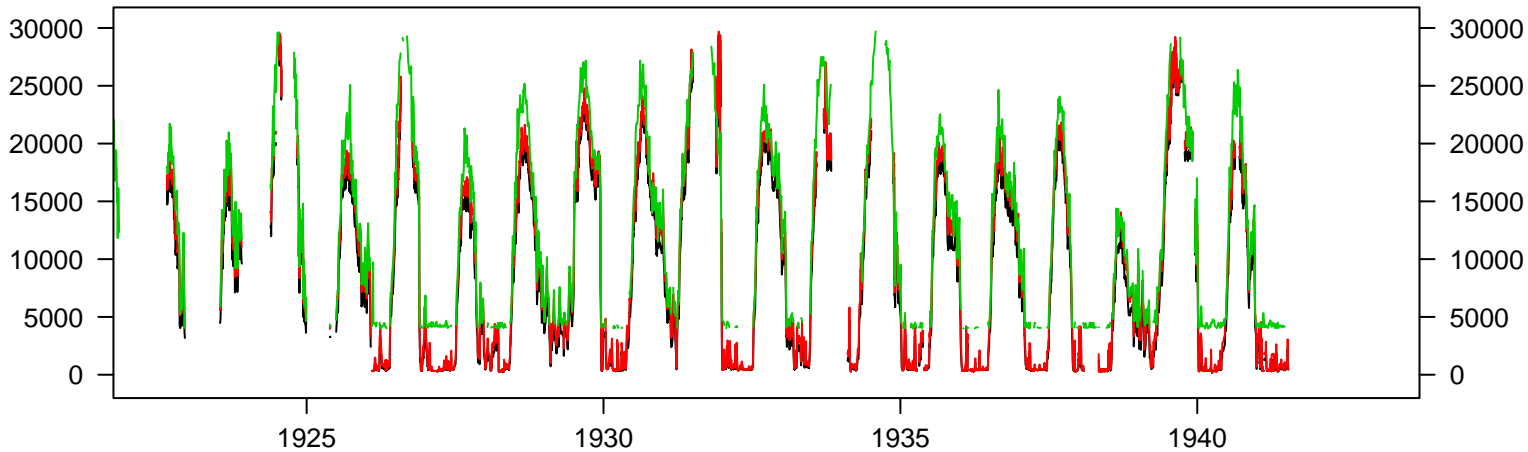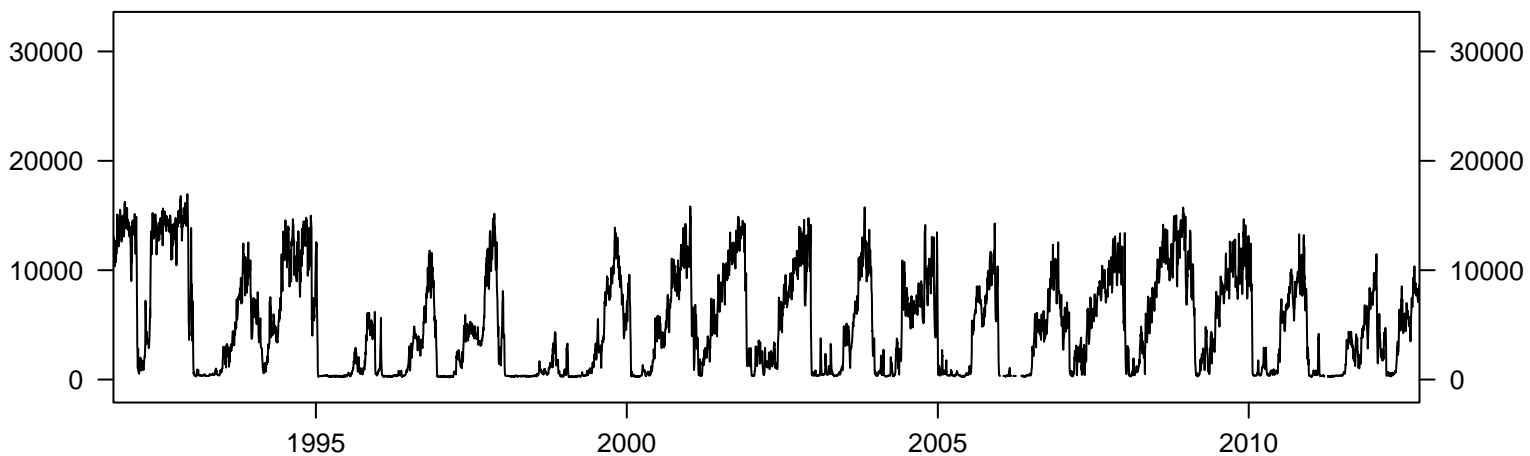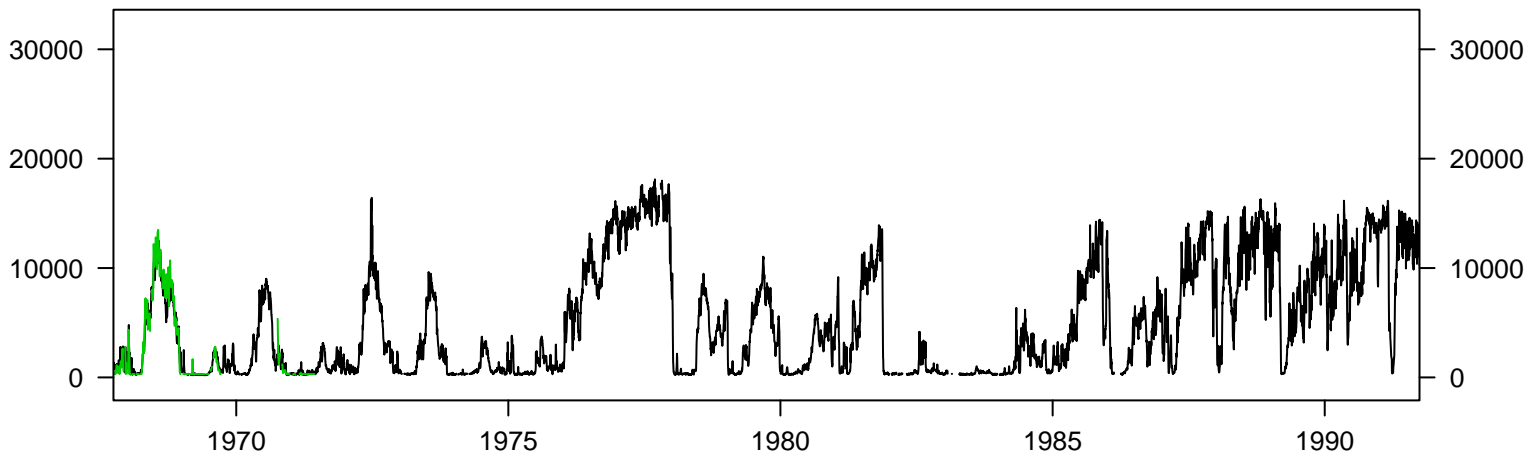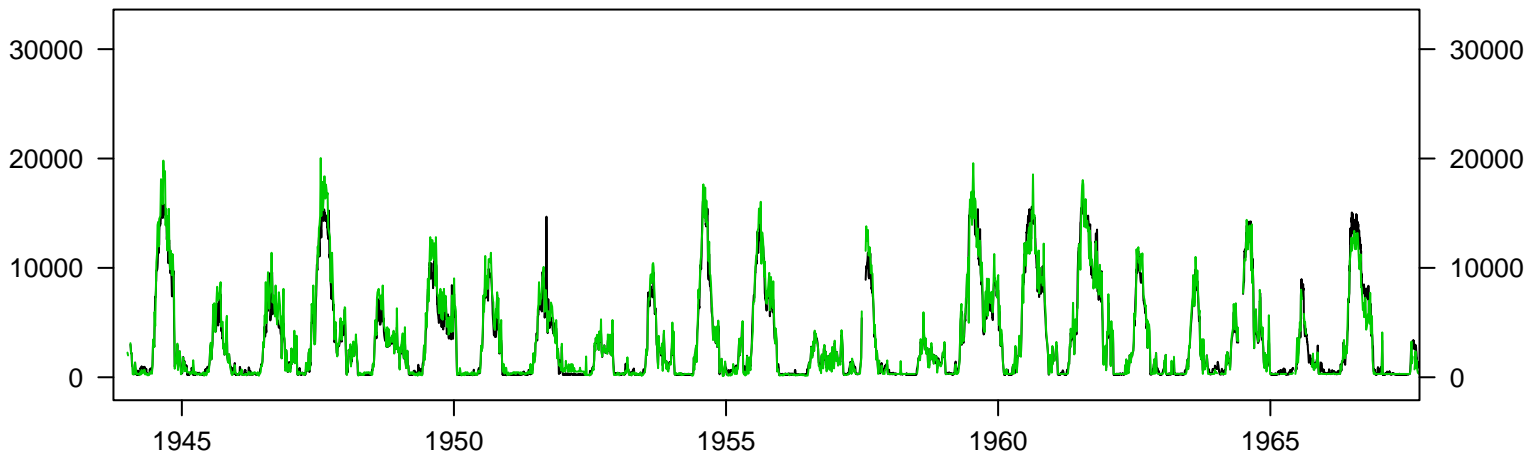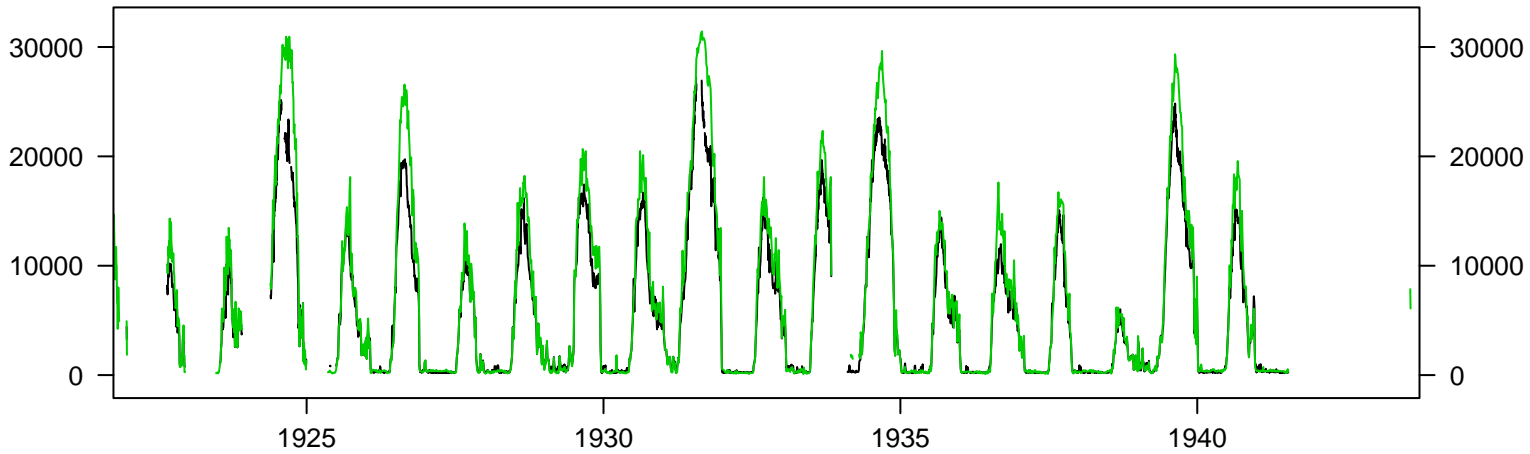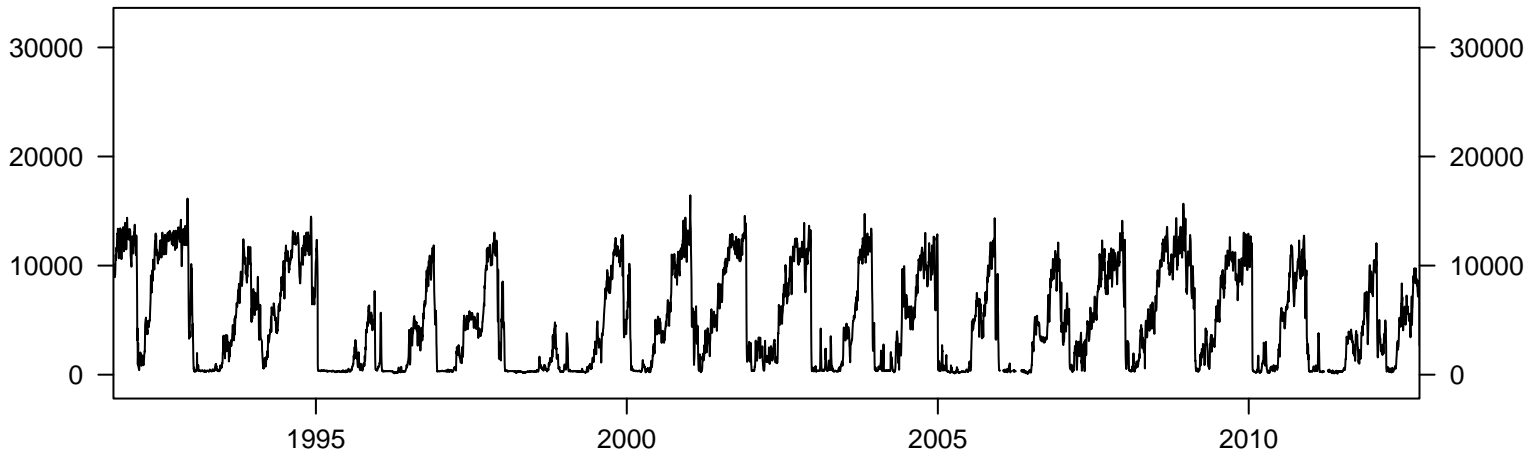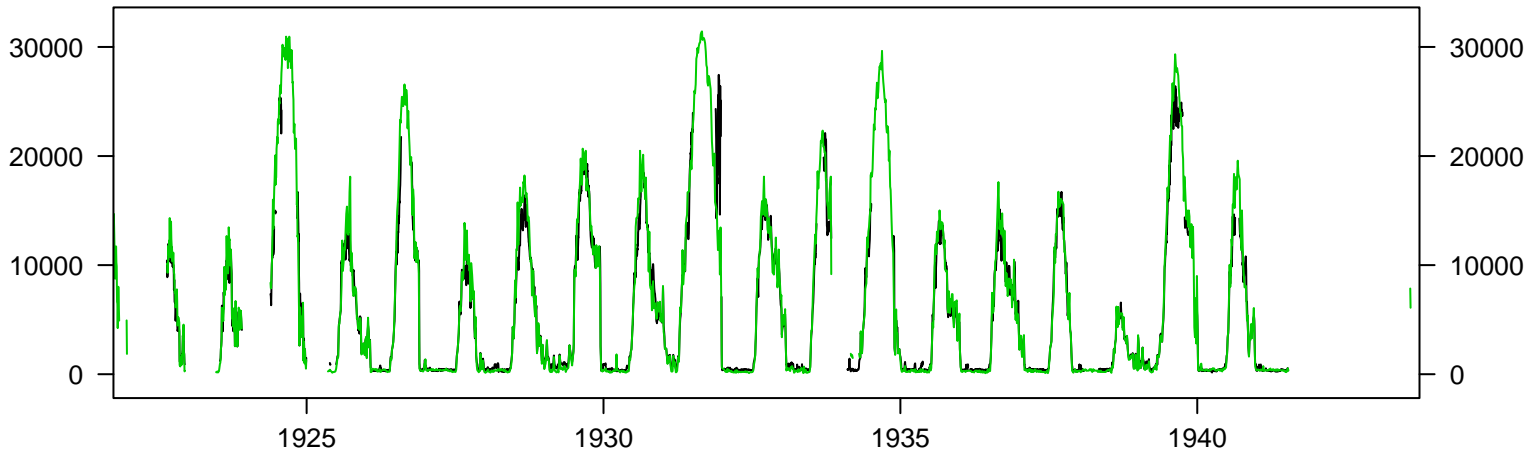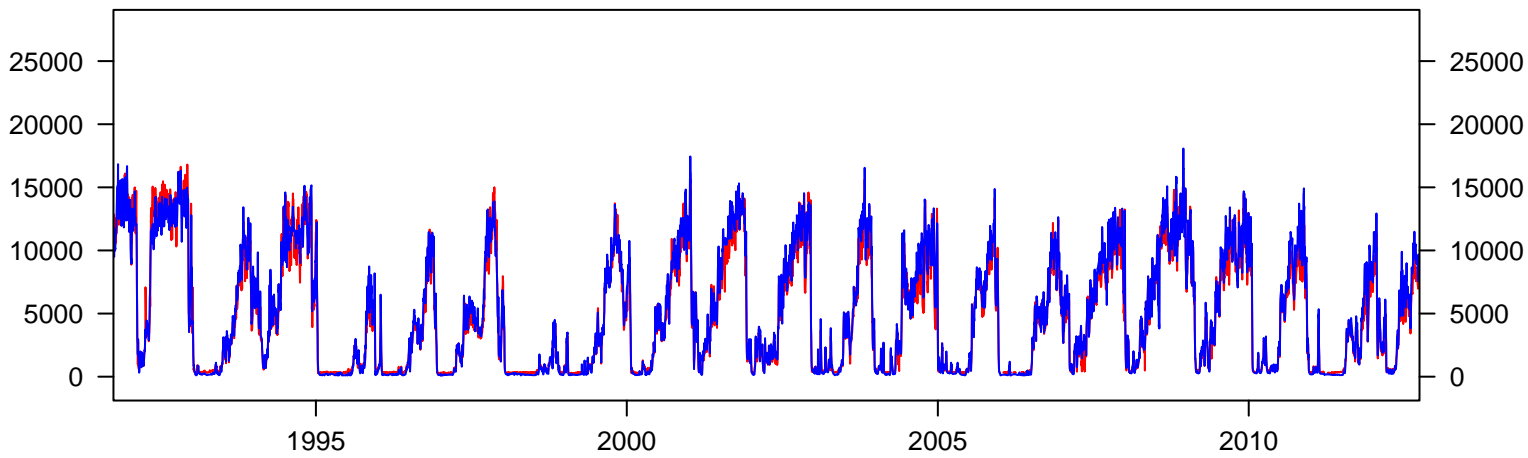EC (uS/cm)

Date

19

BPT, SJR

Legend:
- ANN, B23 (black)
- ANN, CDEC (red)
- OBS, B23 (green)
- OBS, CDEC (blue)

EC (uS/cm)
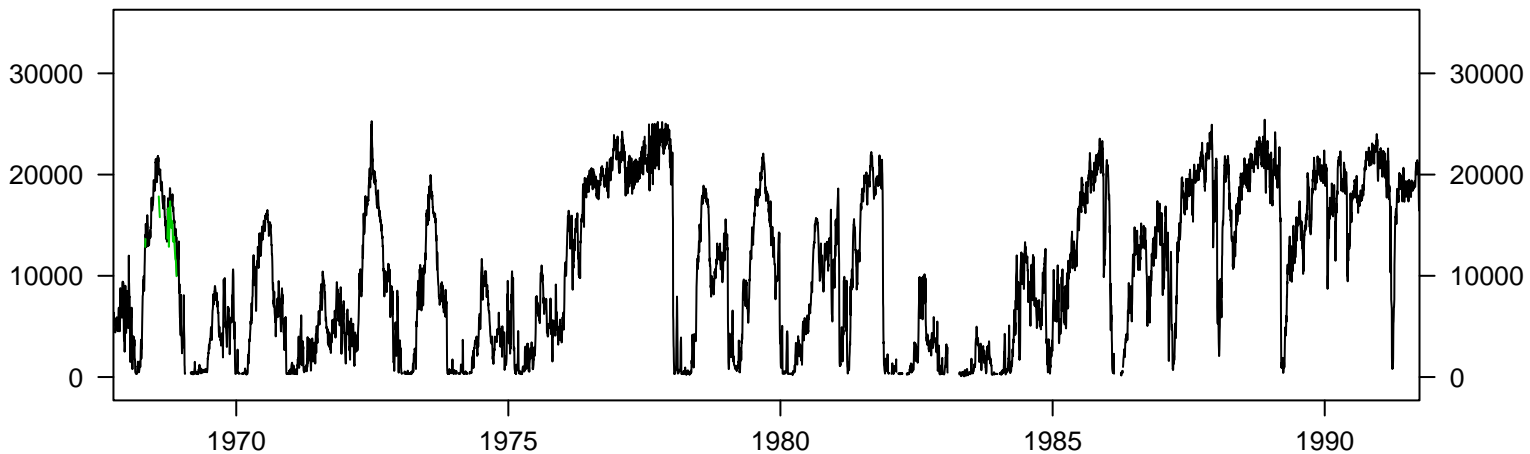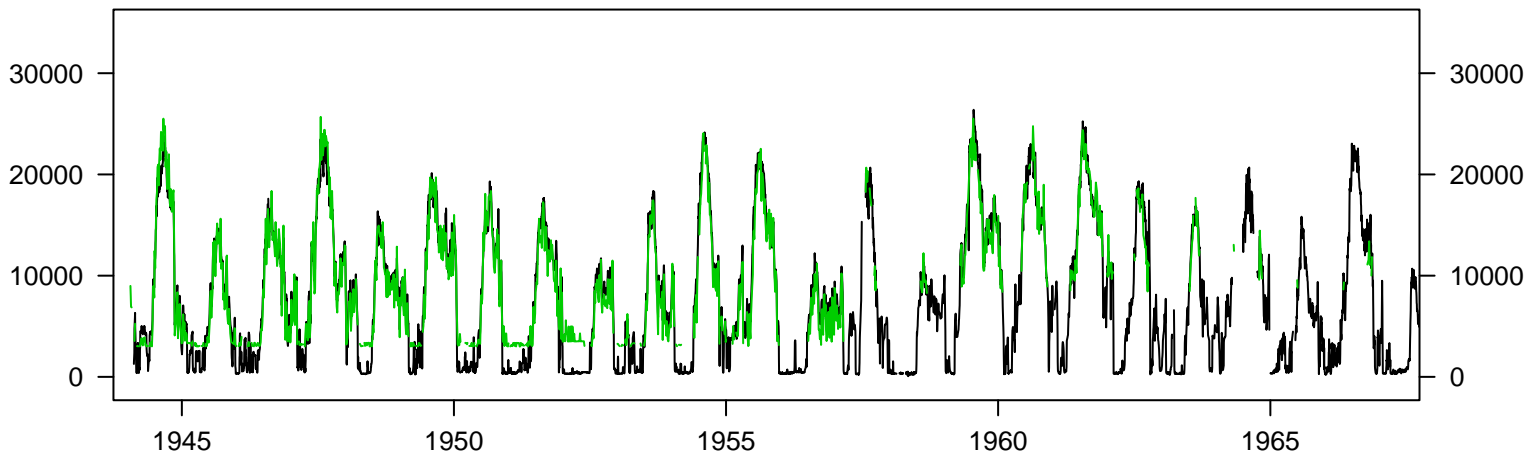
Date

20

PCT, SAC

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

21

PCT, SJR

EC (uS/cm)
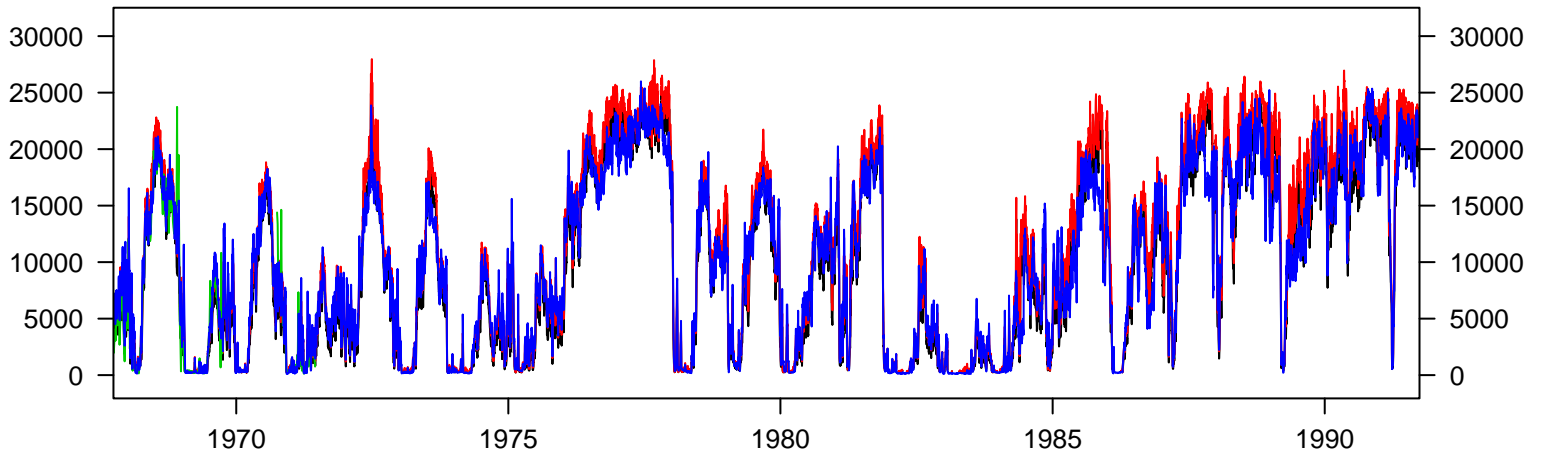
Date

OAF, SAC

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

23

OAF, SJR
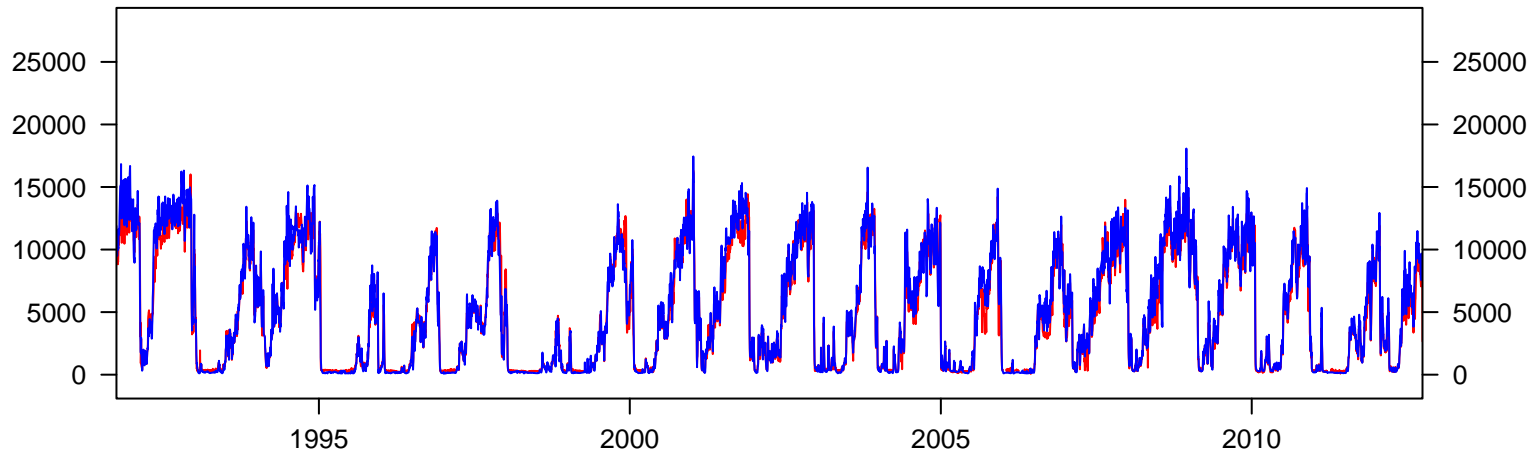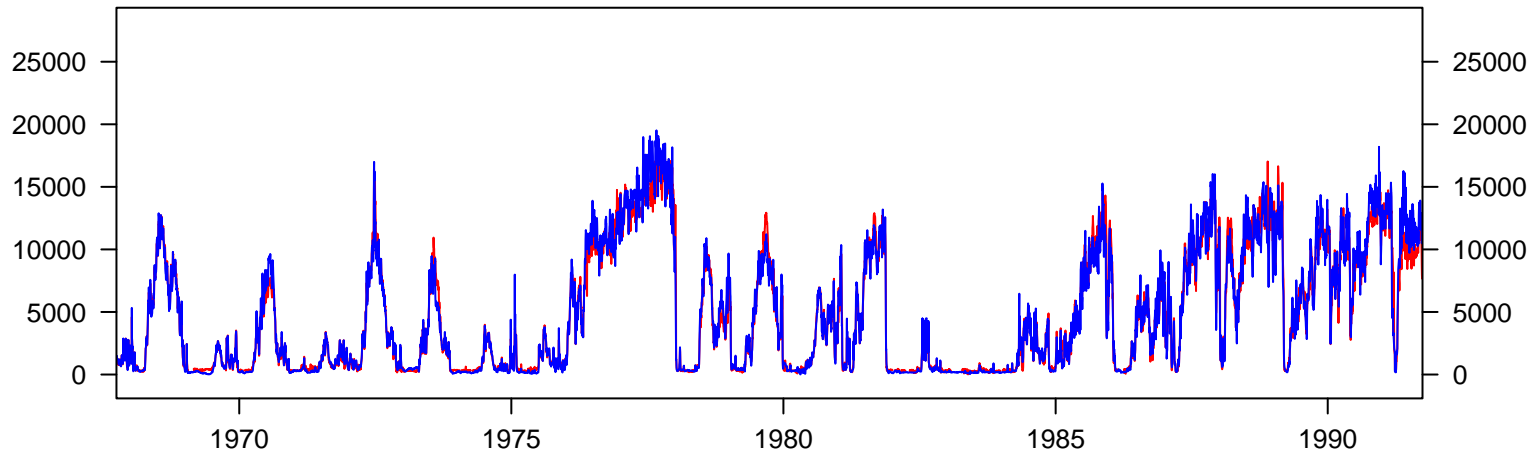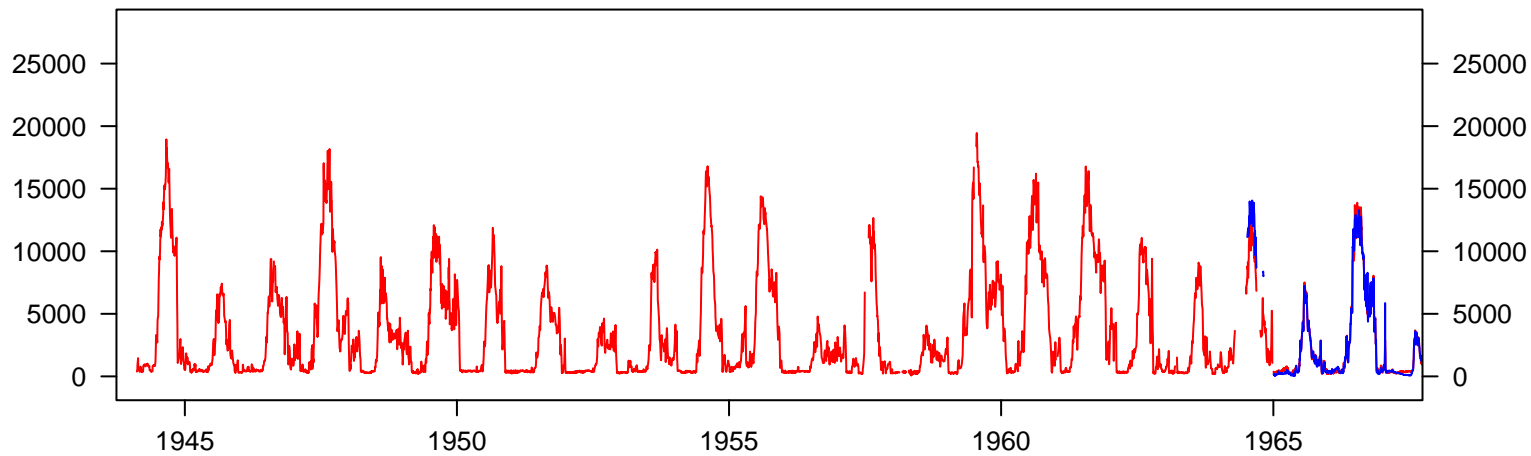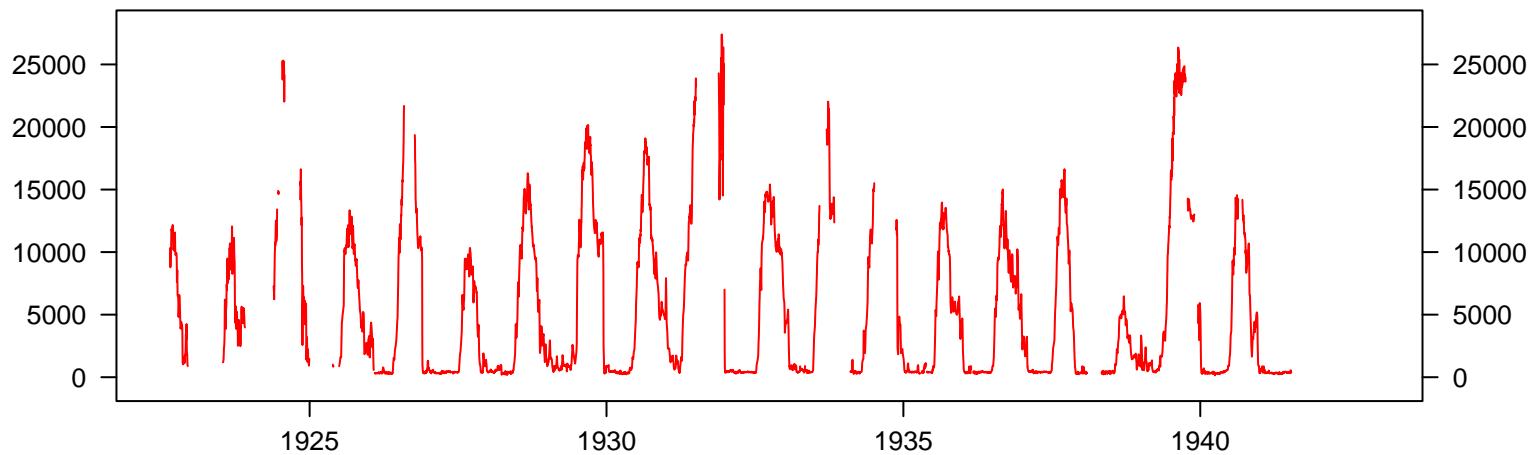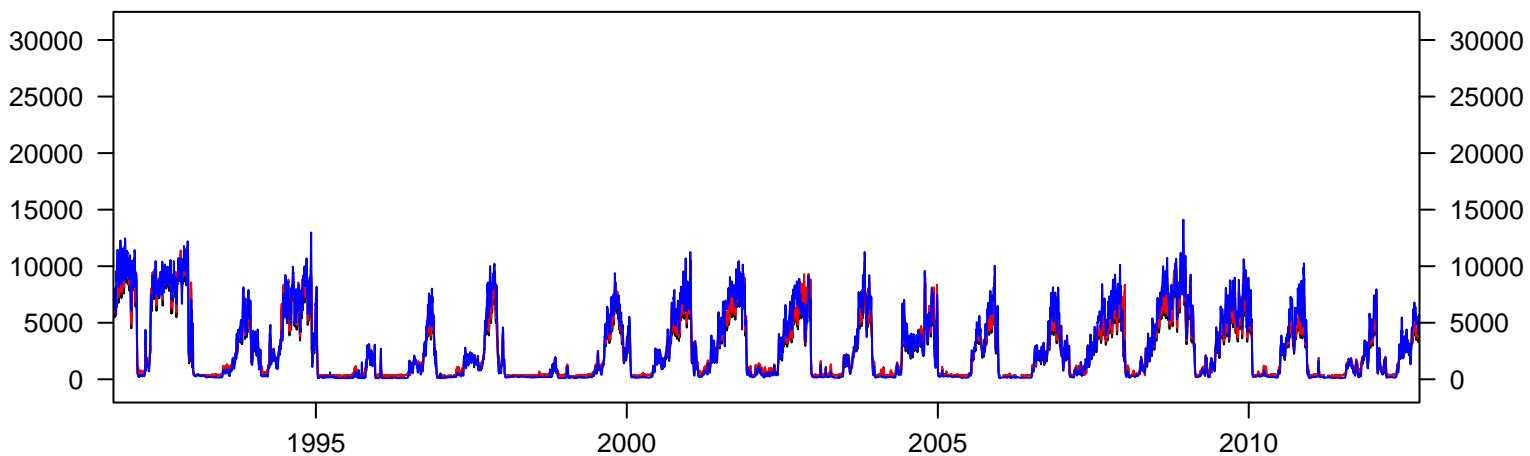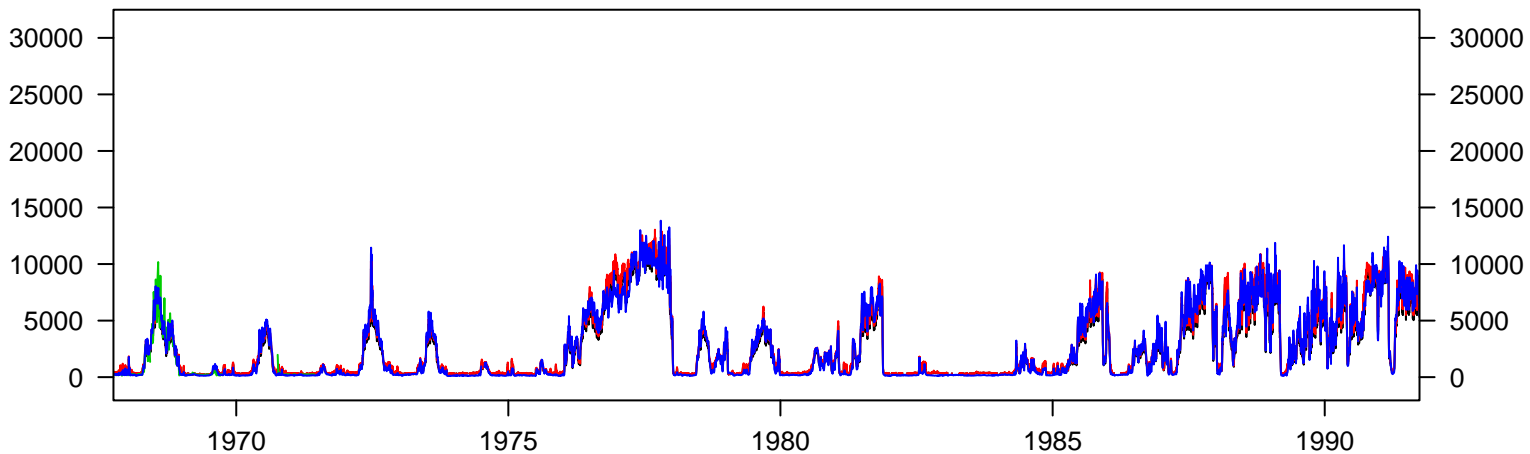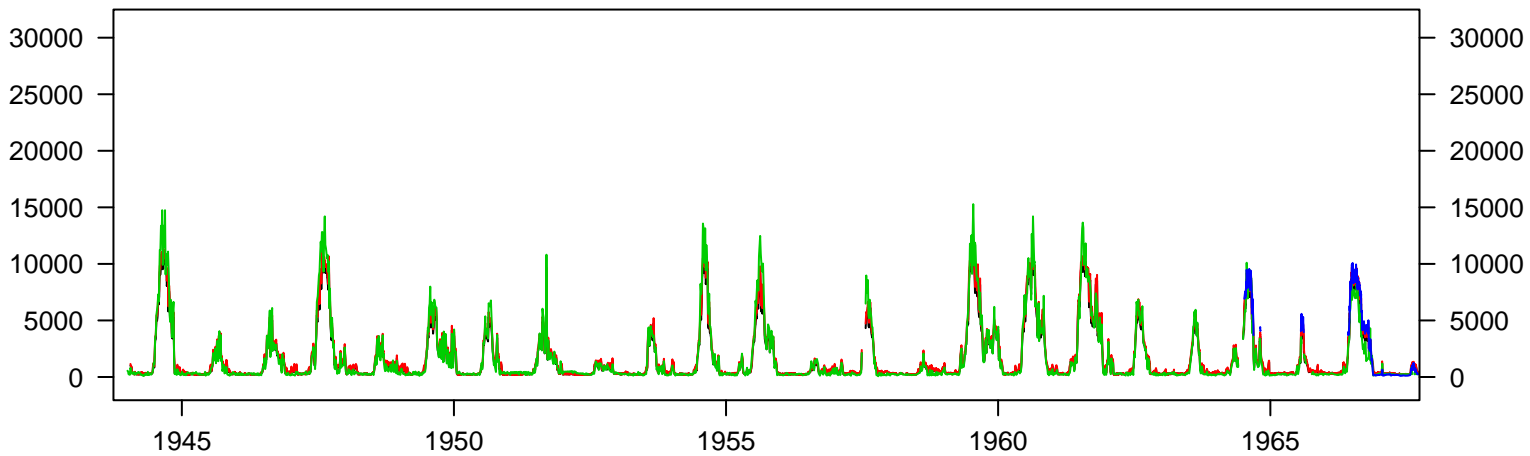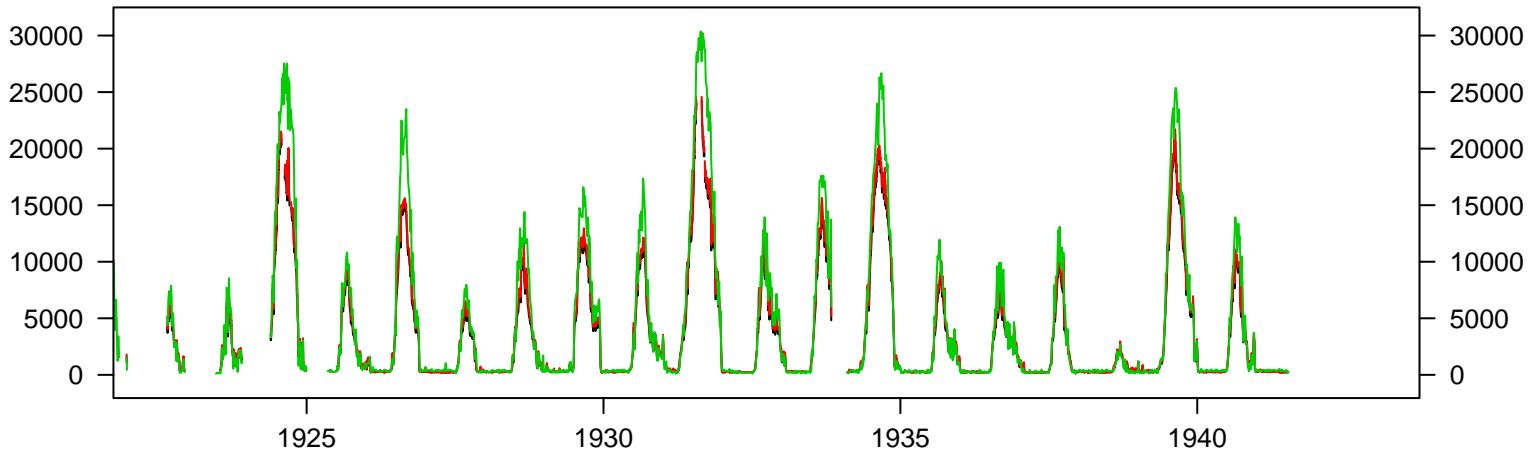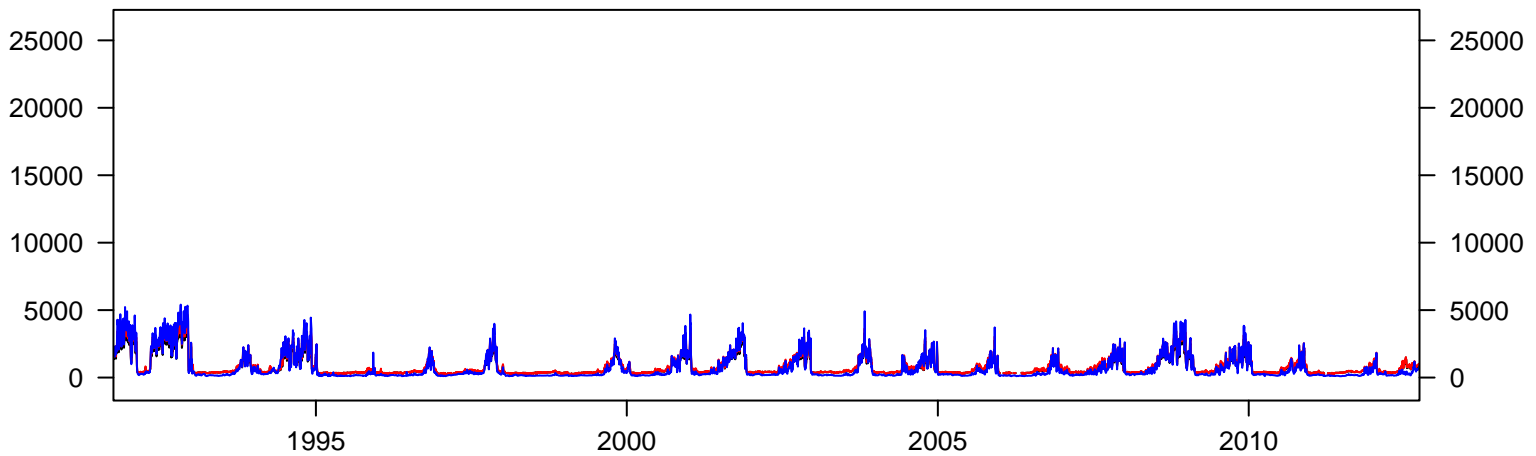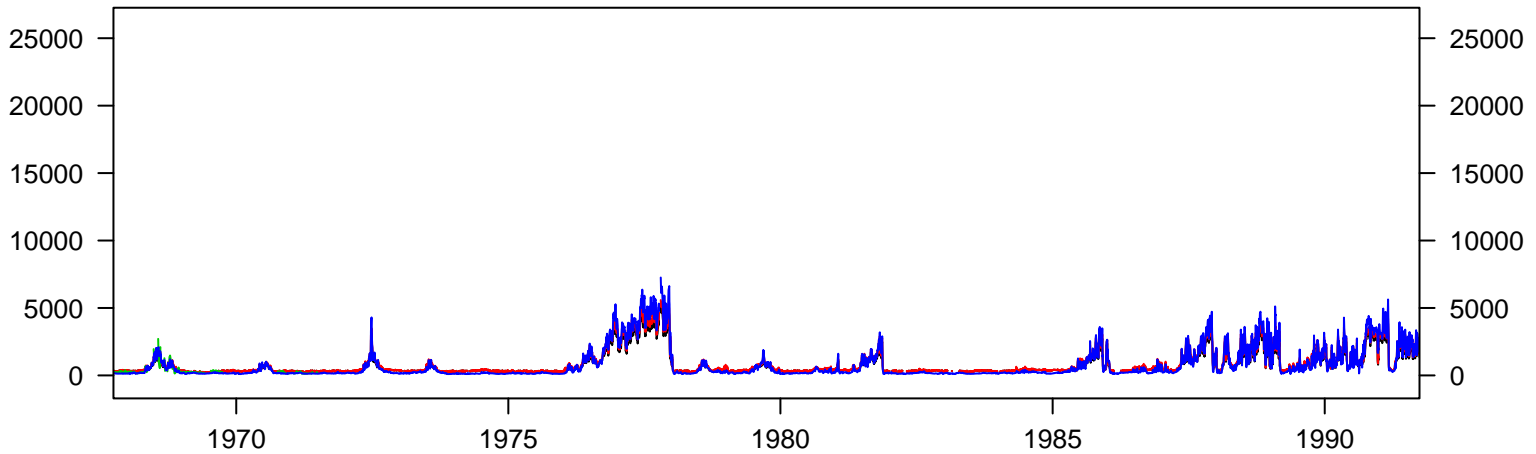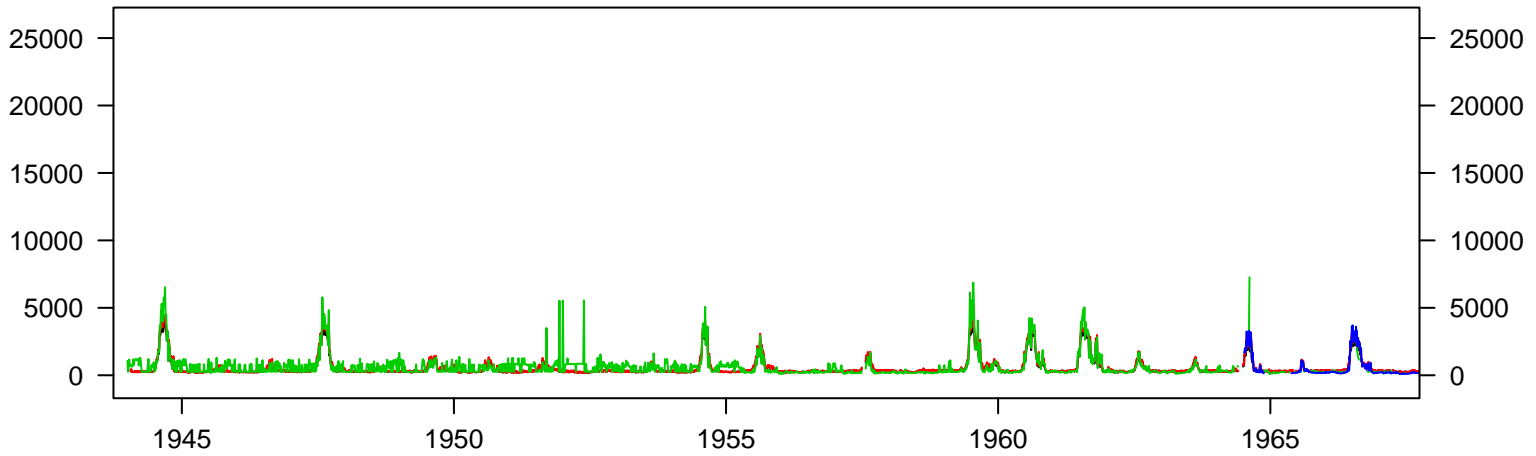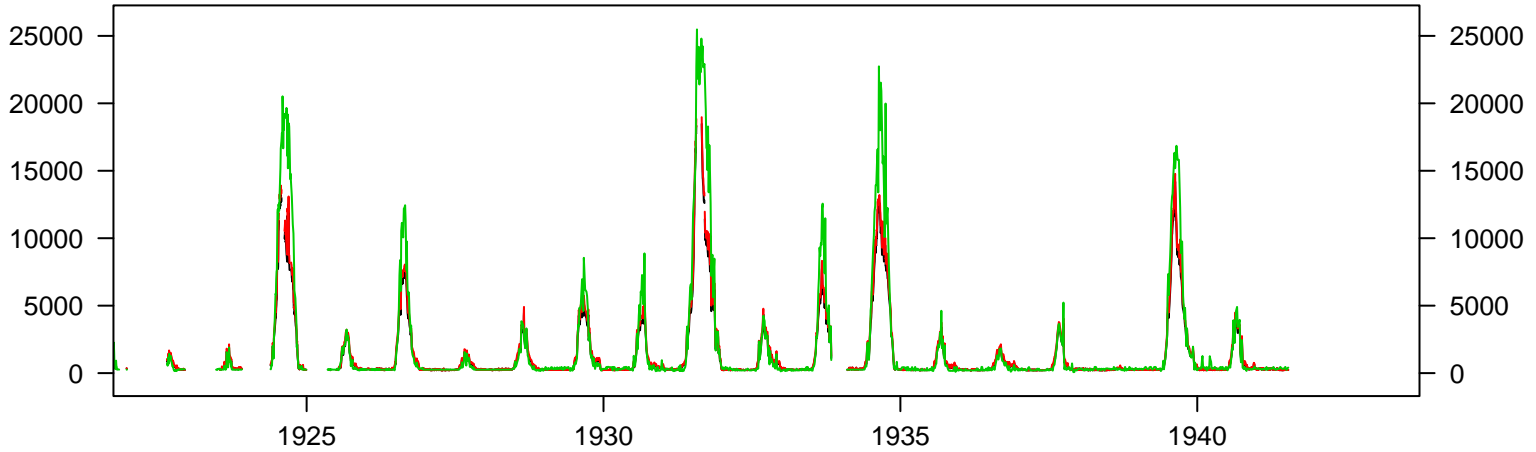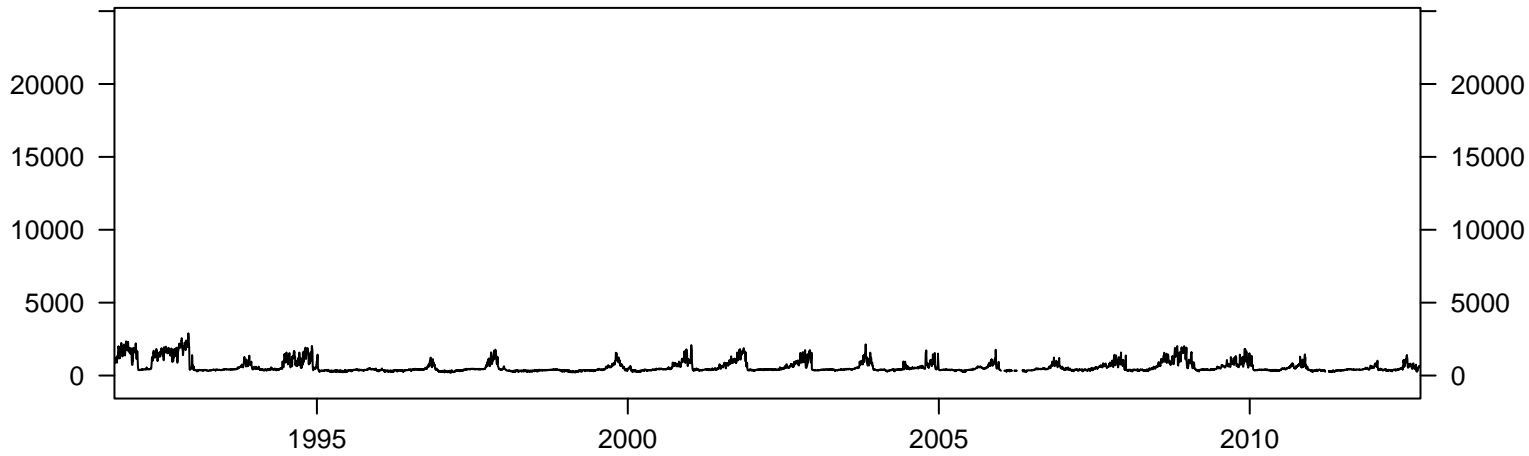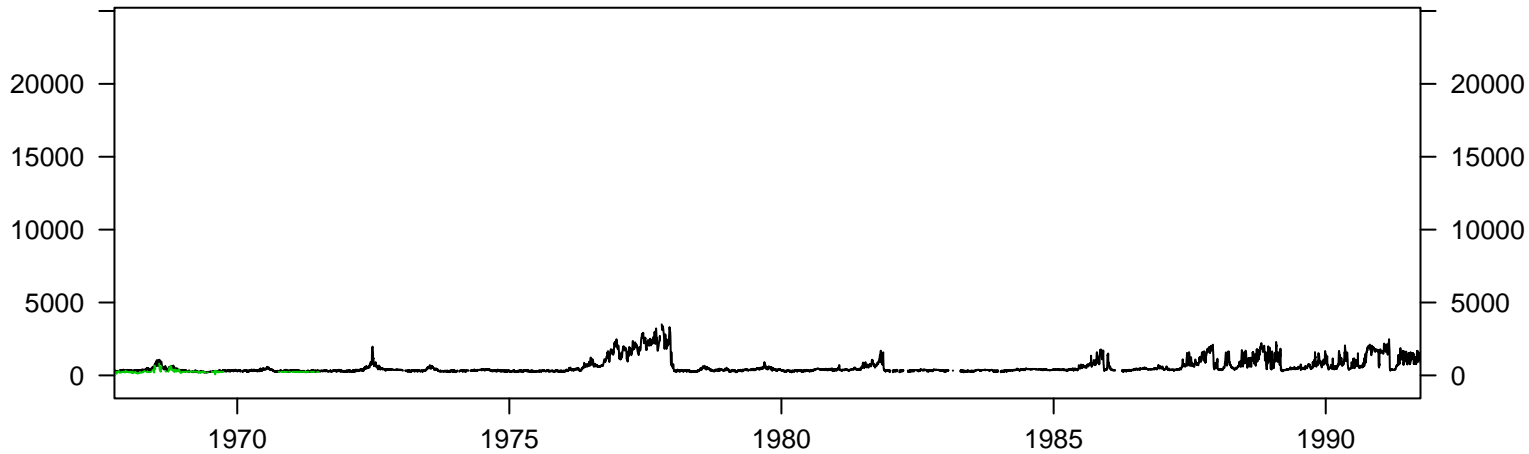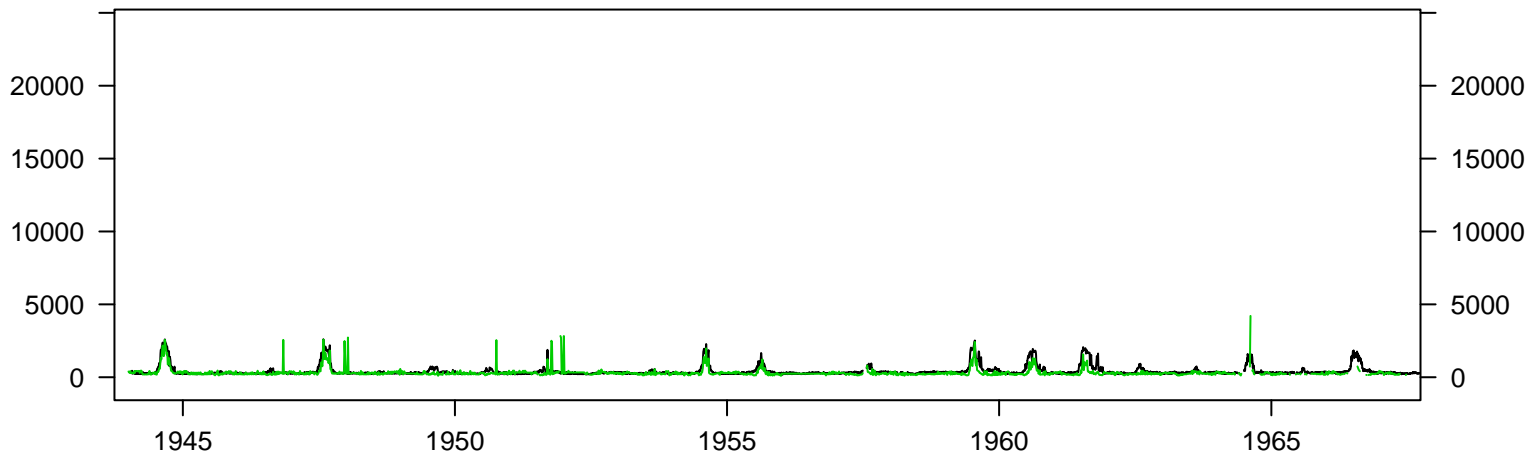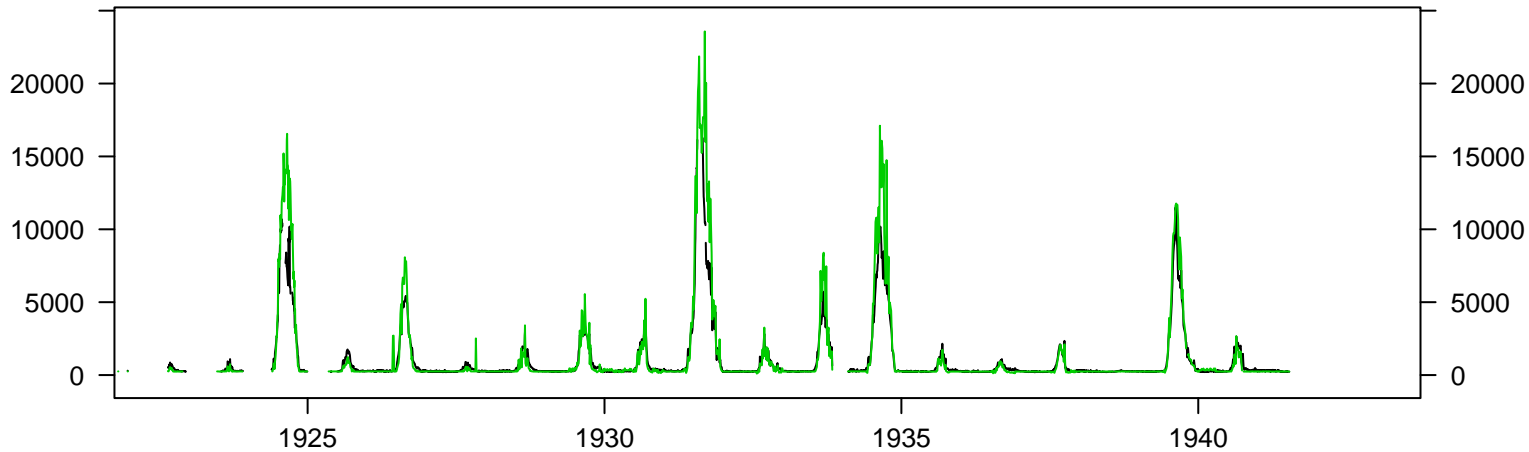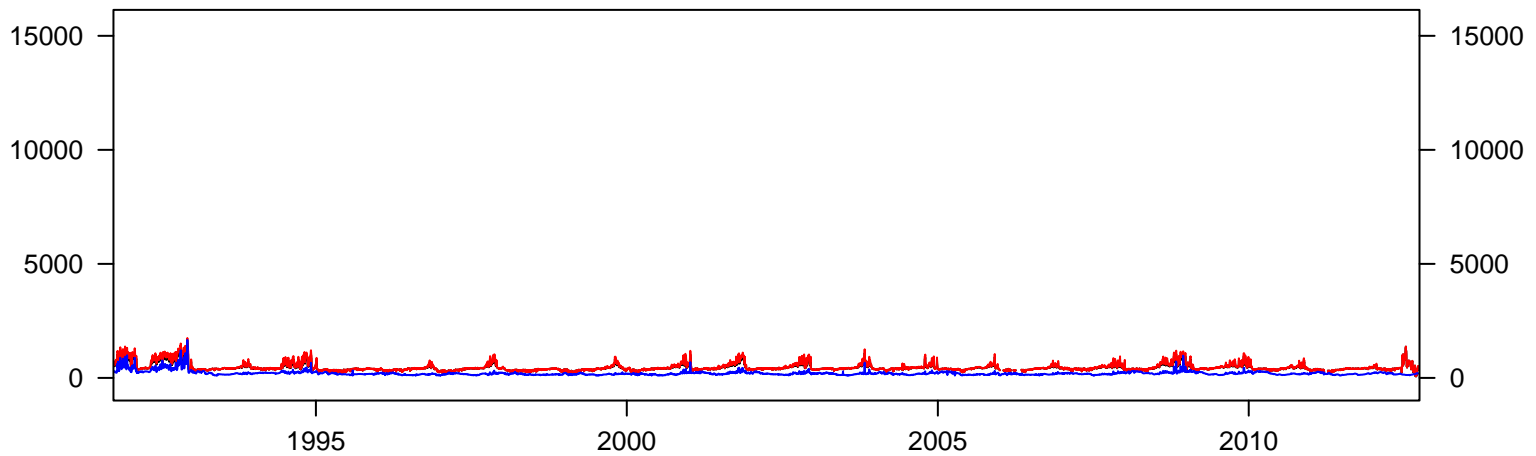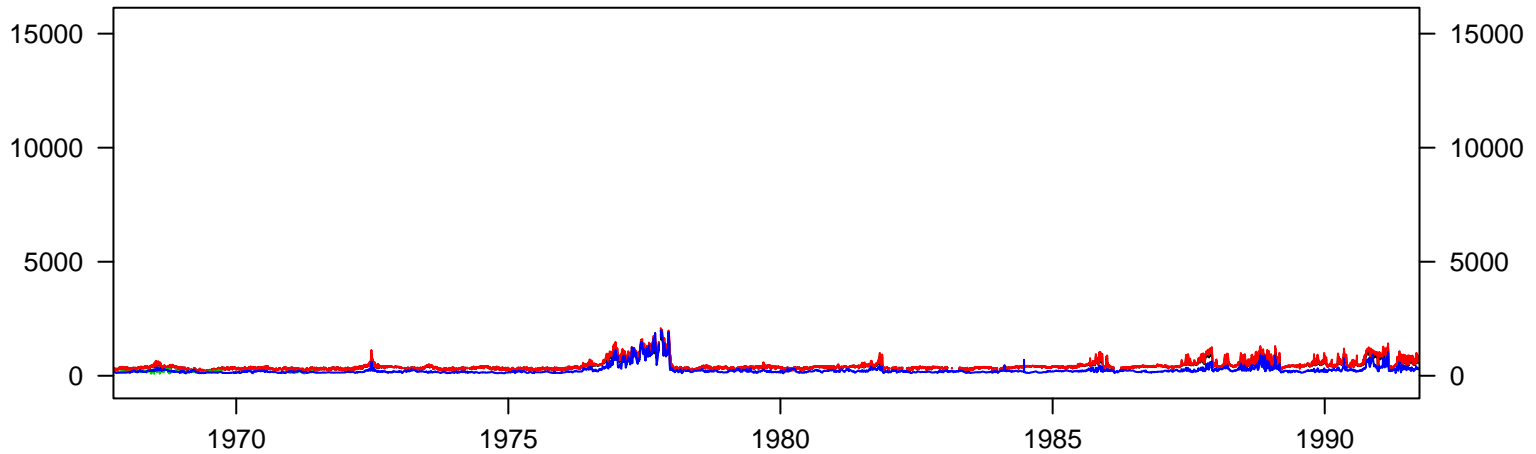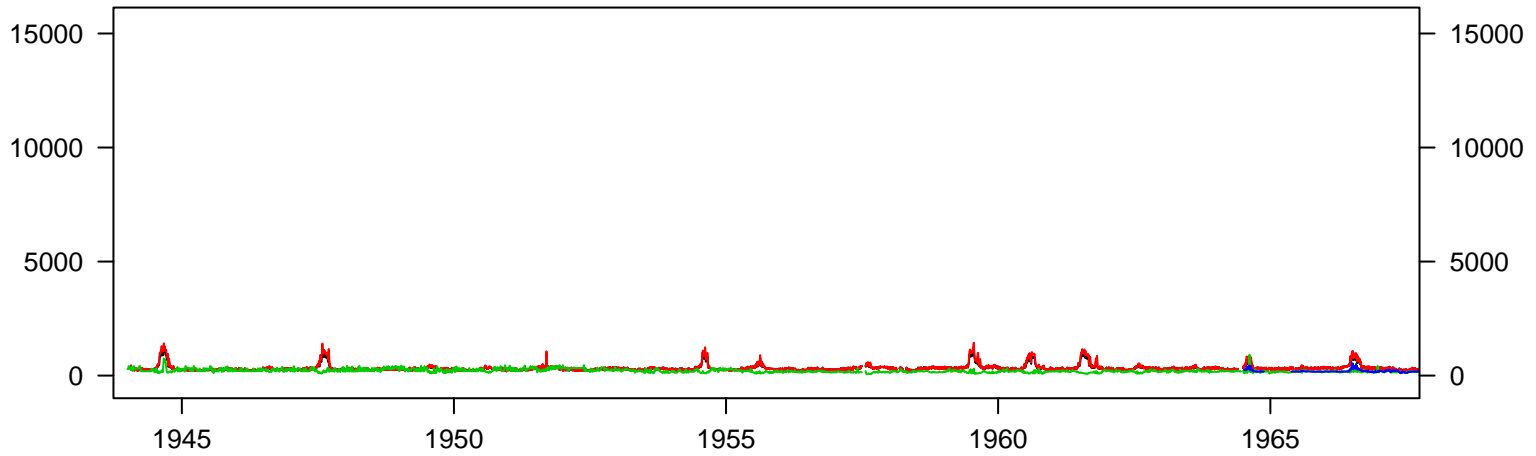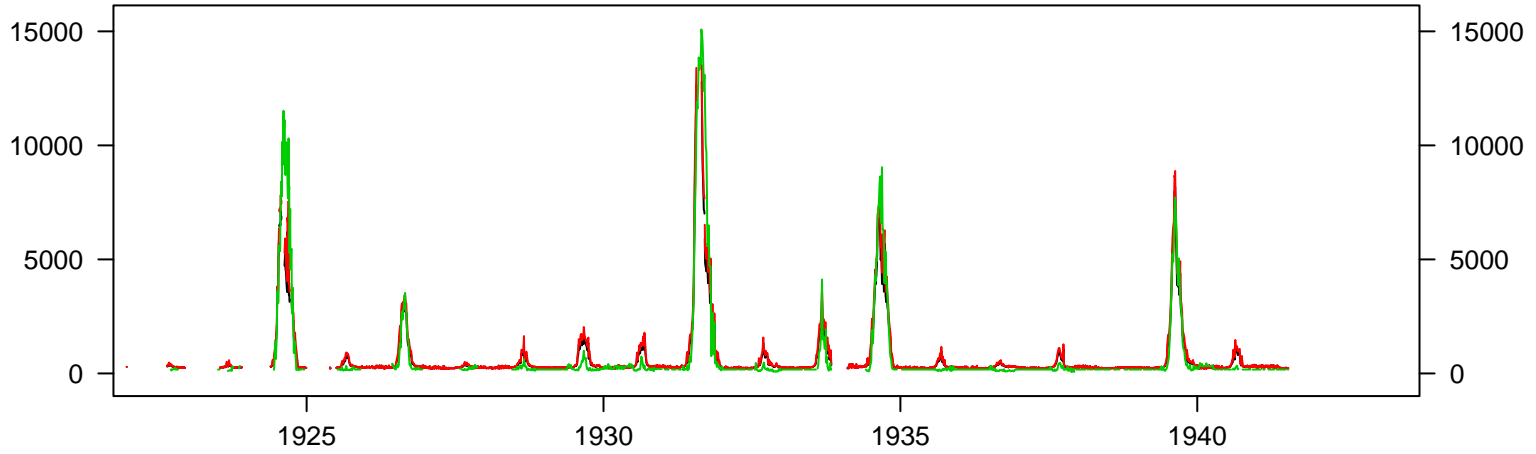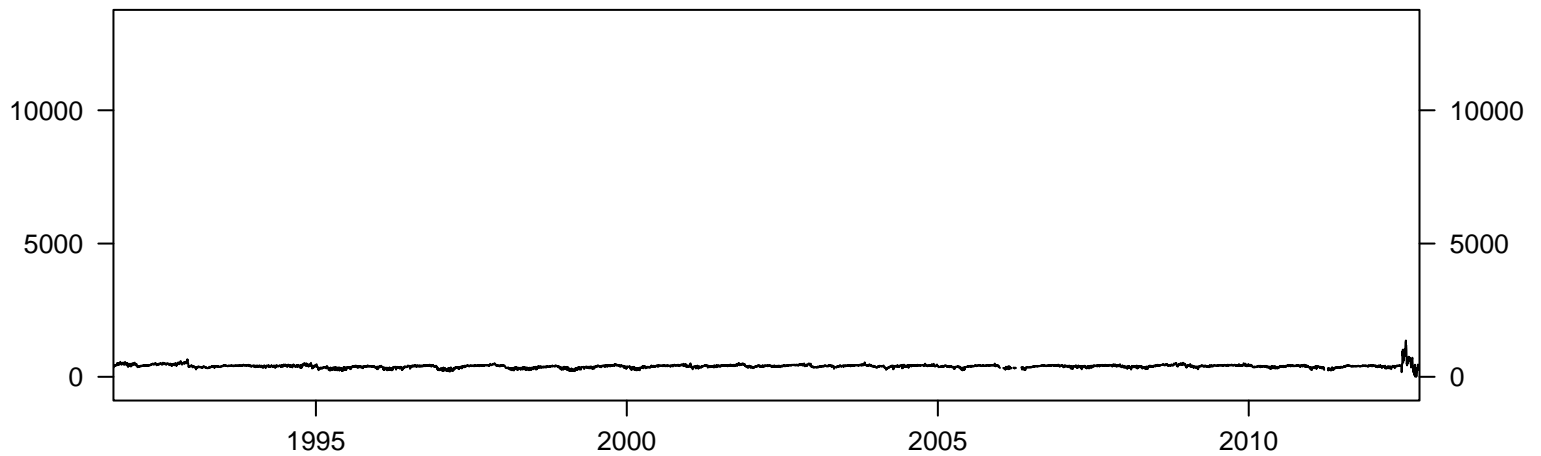
ANN, B23 ————
ANN, CDEC ————
OBS, B23 ————
OBS, CDEC ————

EC (uS/cm)
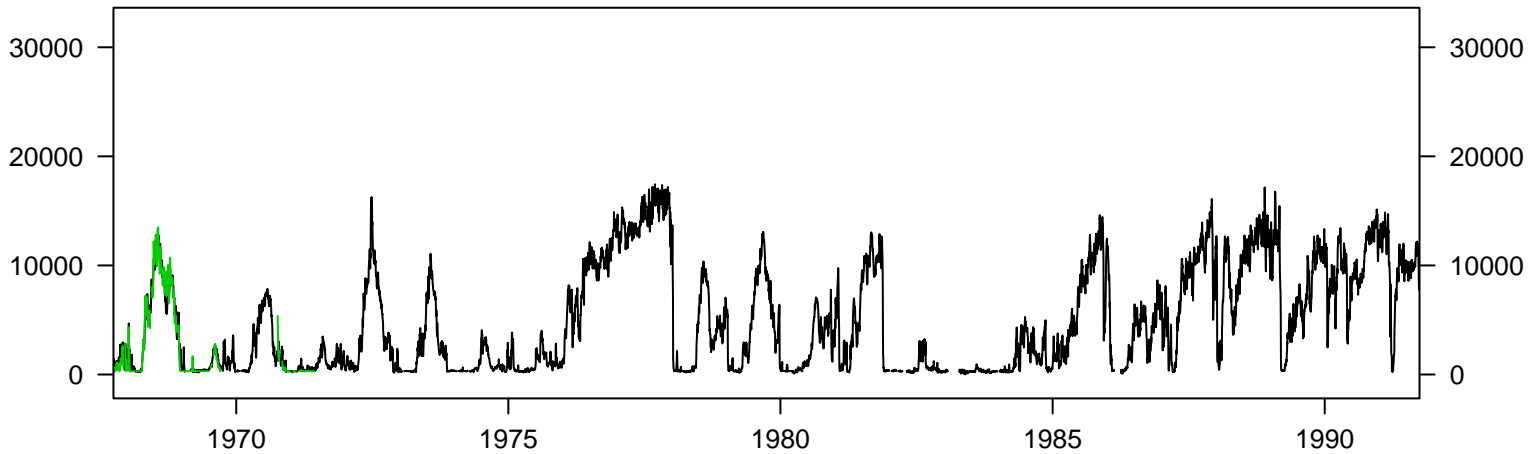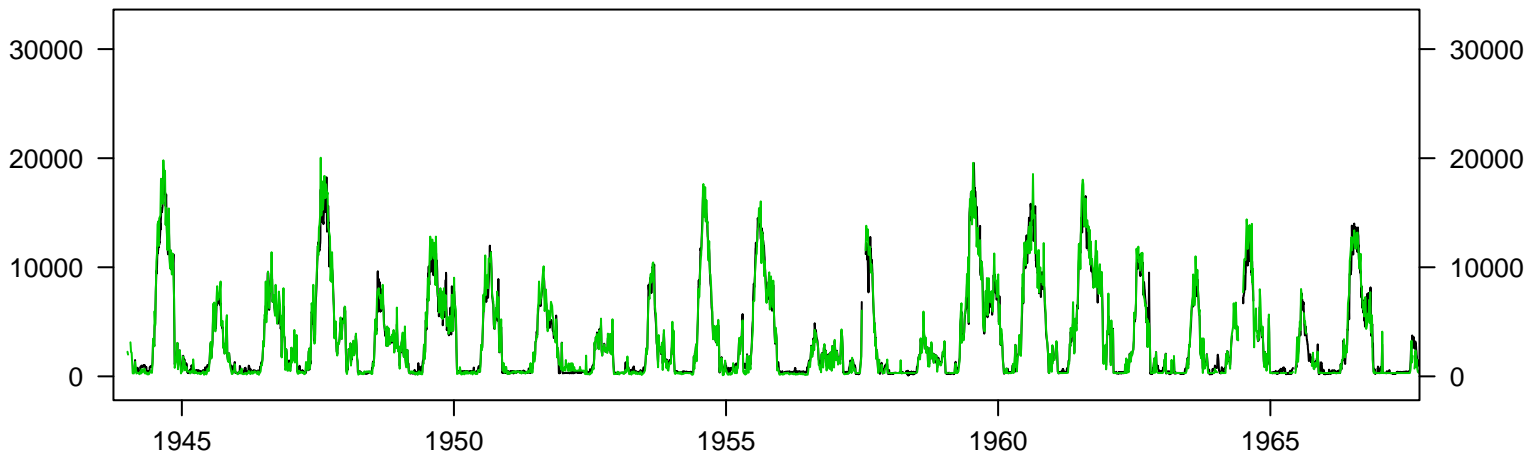
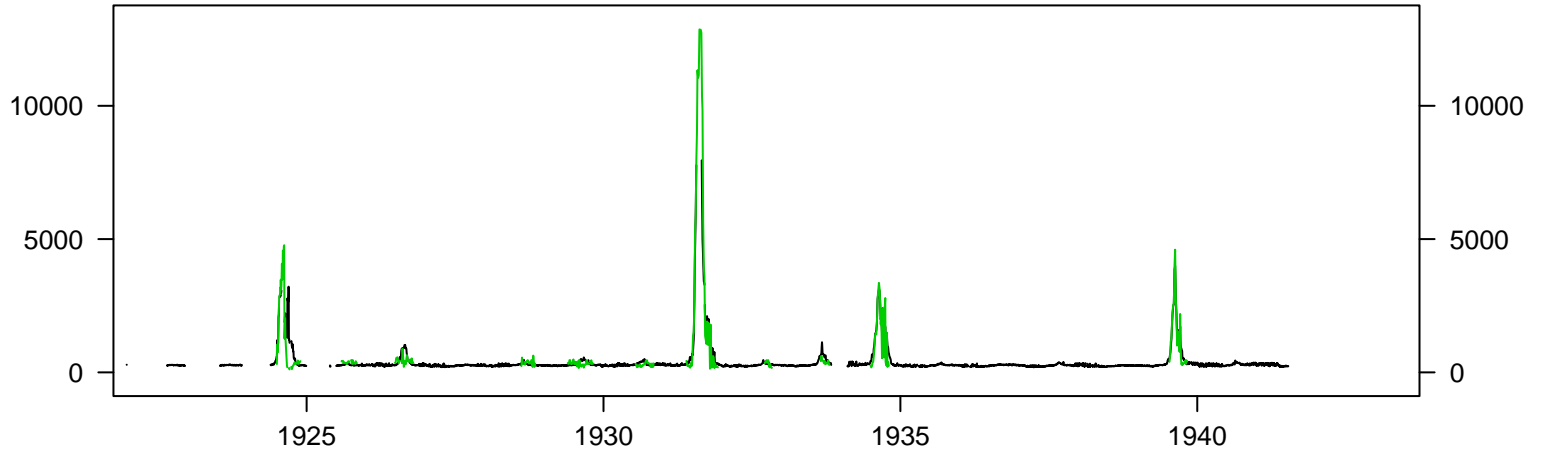Date

24

MAL, SAC

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

25

MAL, SJR

Legend:
- ANN, B23 (black)
- ANN, CDEC (red)
- OBS, B23 (green)
- OBS, CDEC (blue)

EC (uS/cm)

Date

26
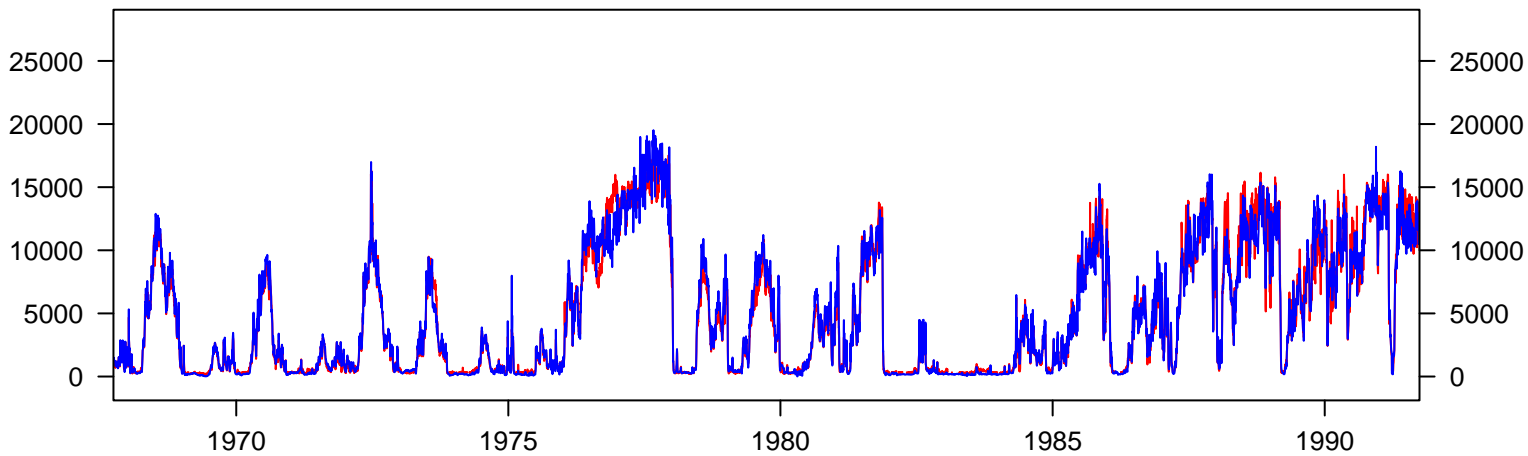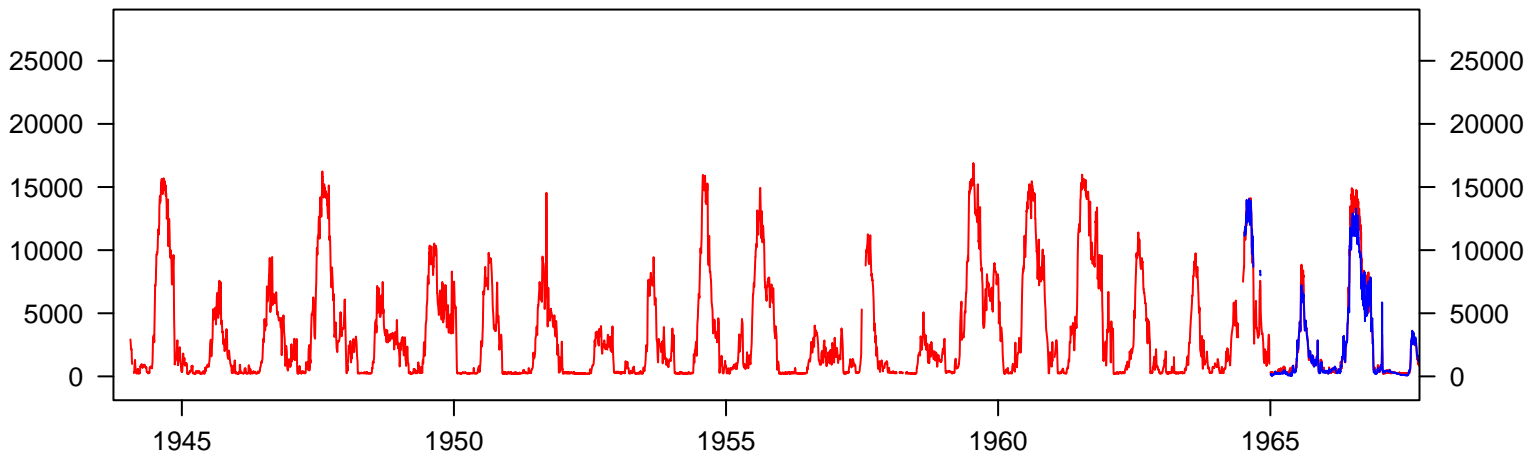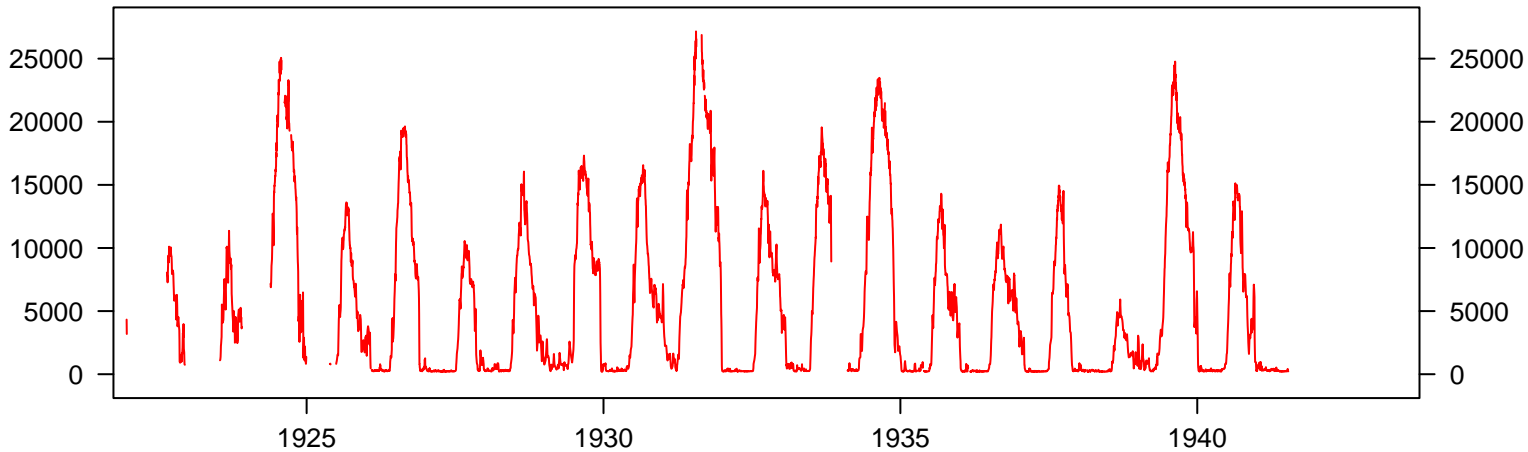
CLL, SAC

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

27

EMM, SAC

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

28

TSB, SAC

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

29

RVB, SAC

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

30

ITB, SAC
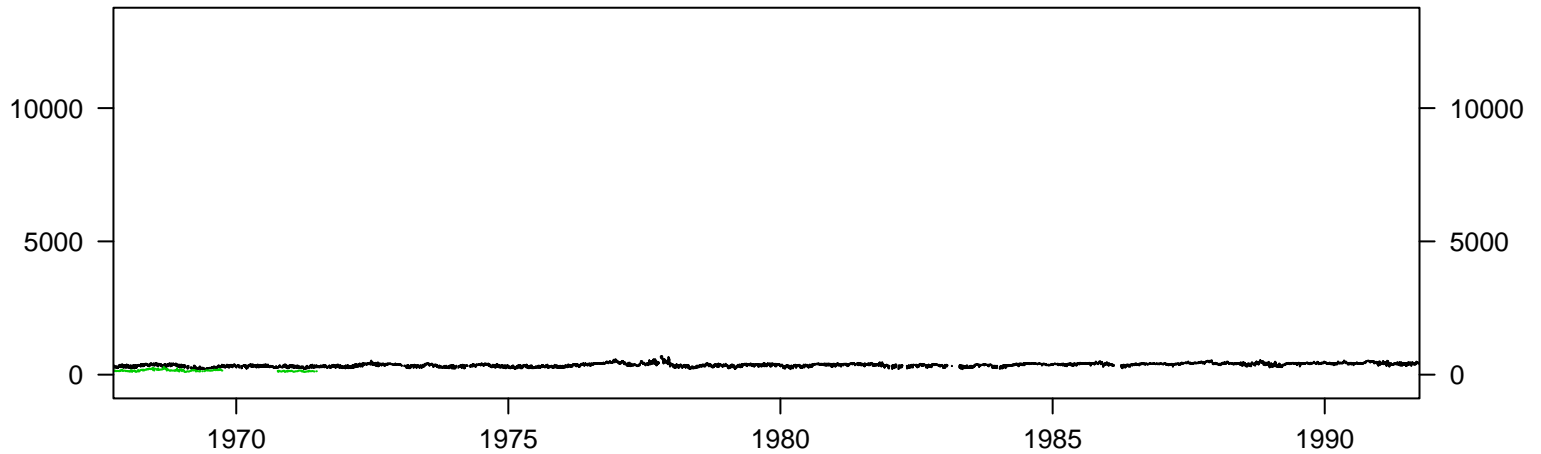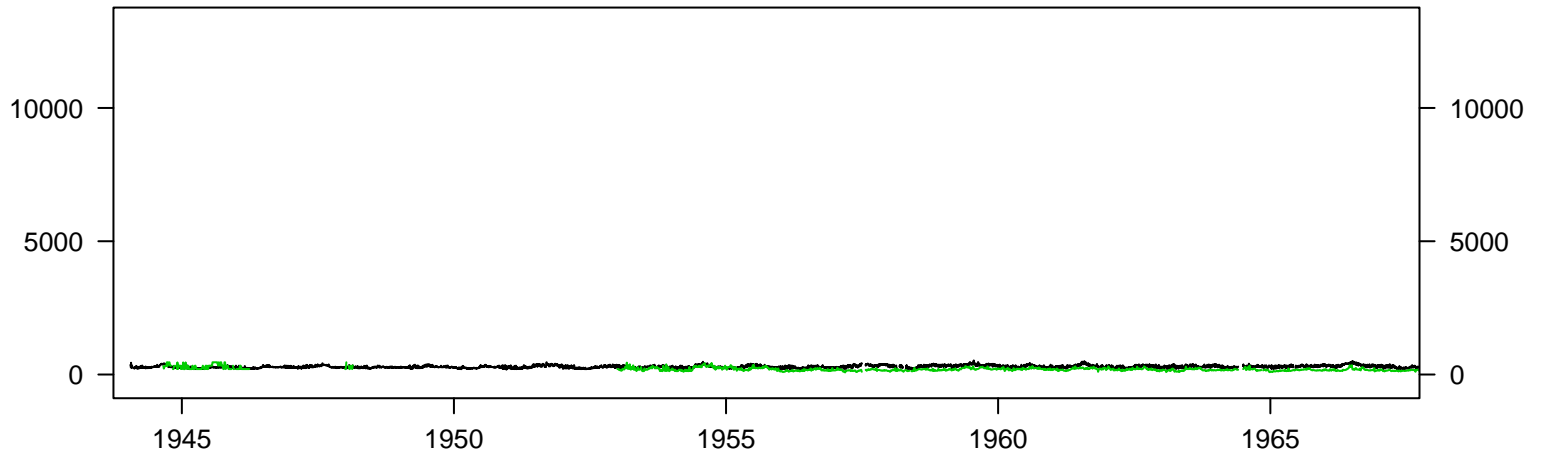
PTS, SJR

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC
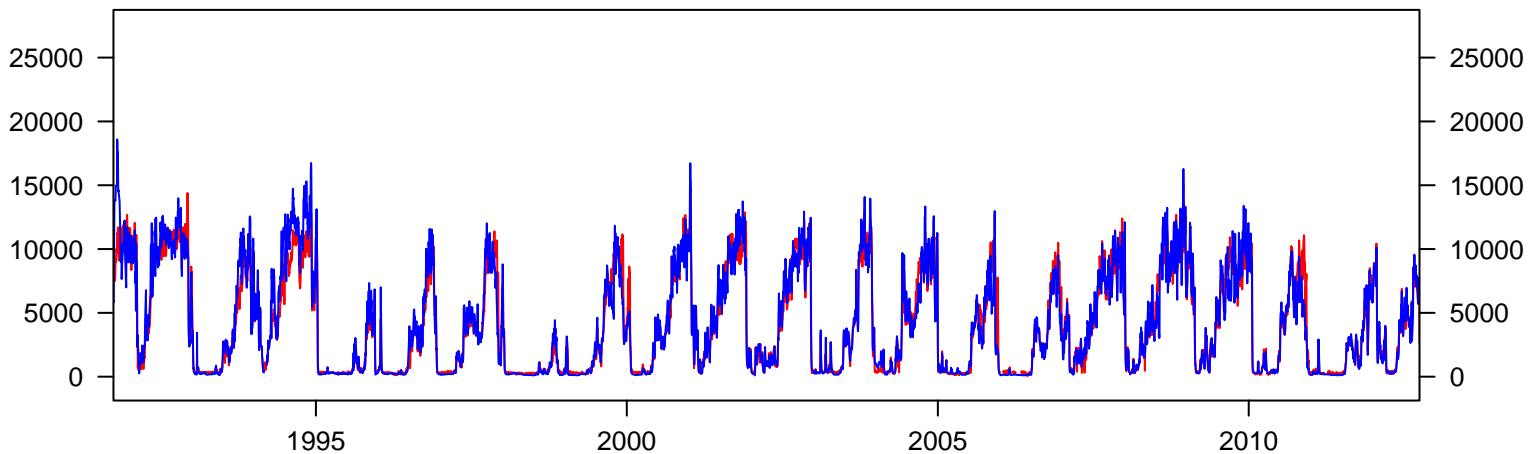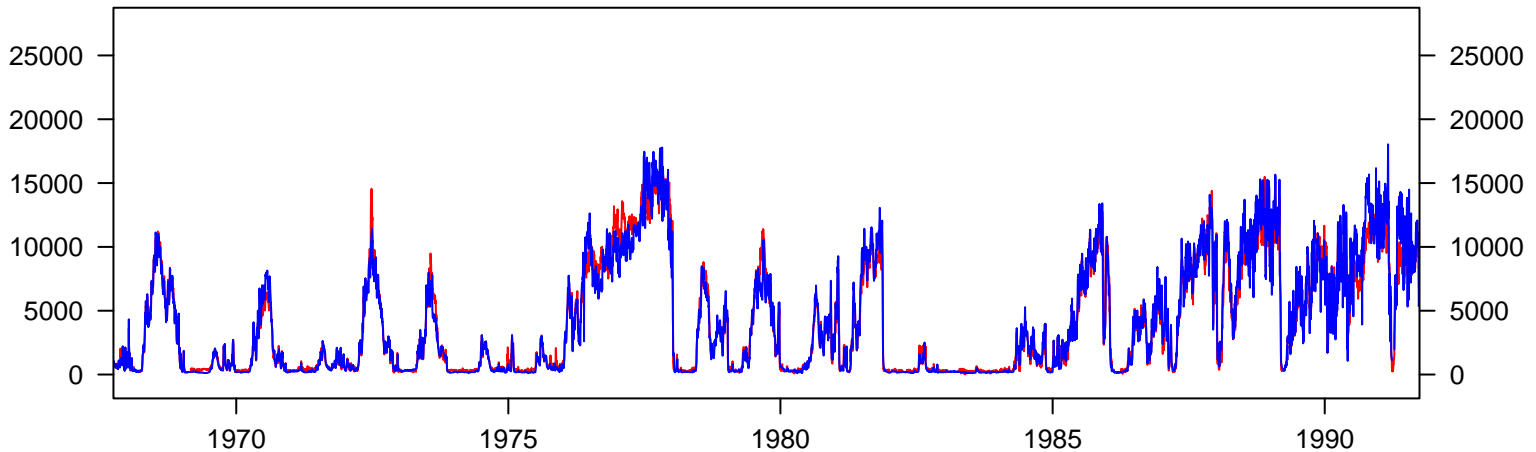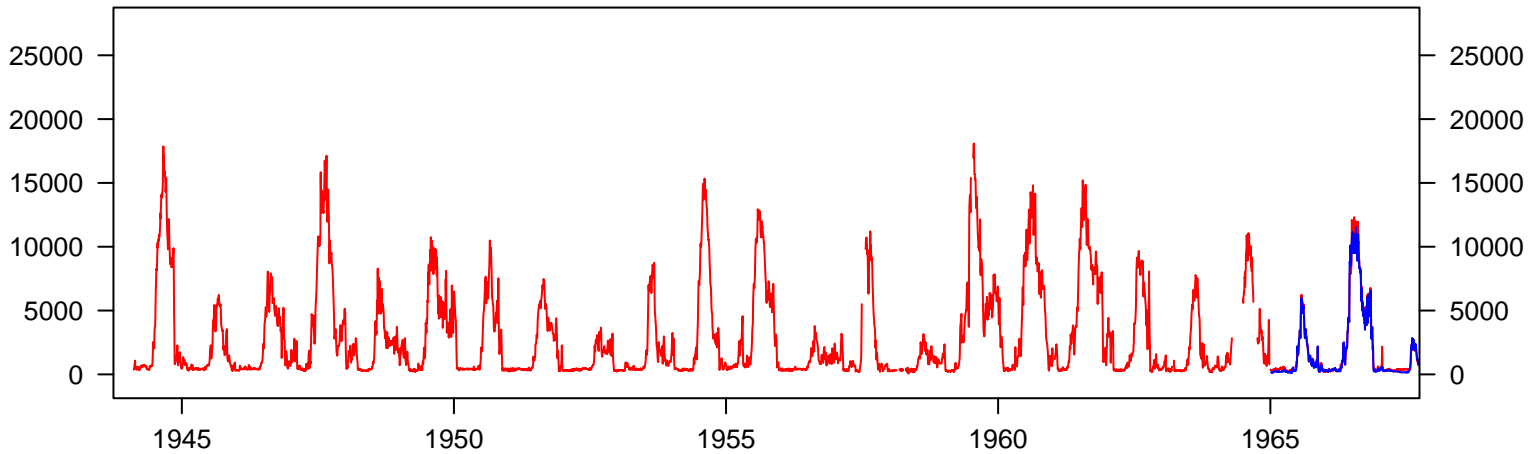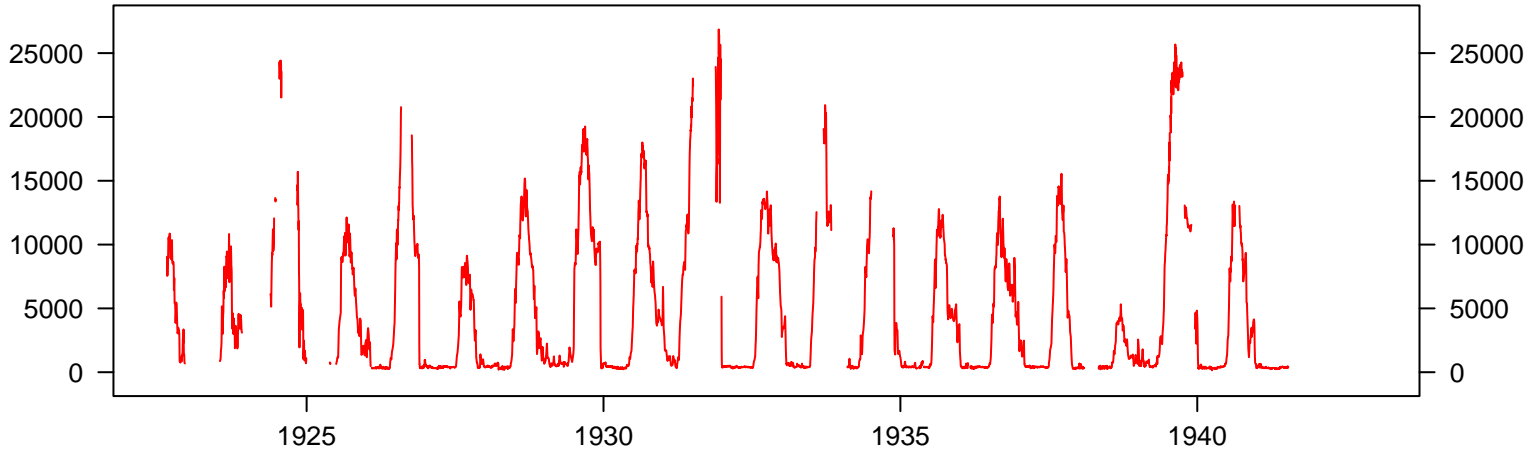
EC (uS/cm)

Date

32

ANH, SJR

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC
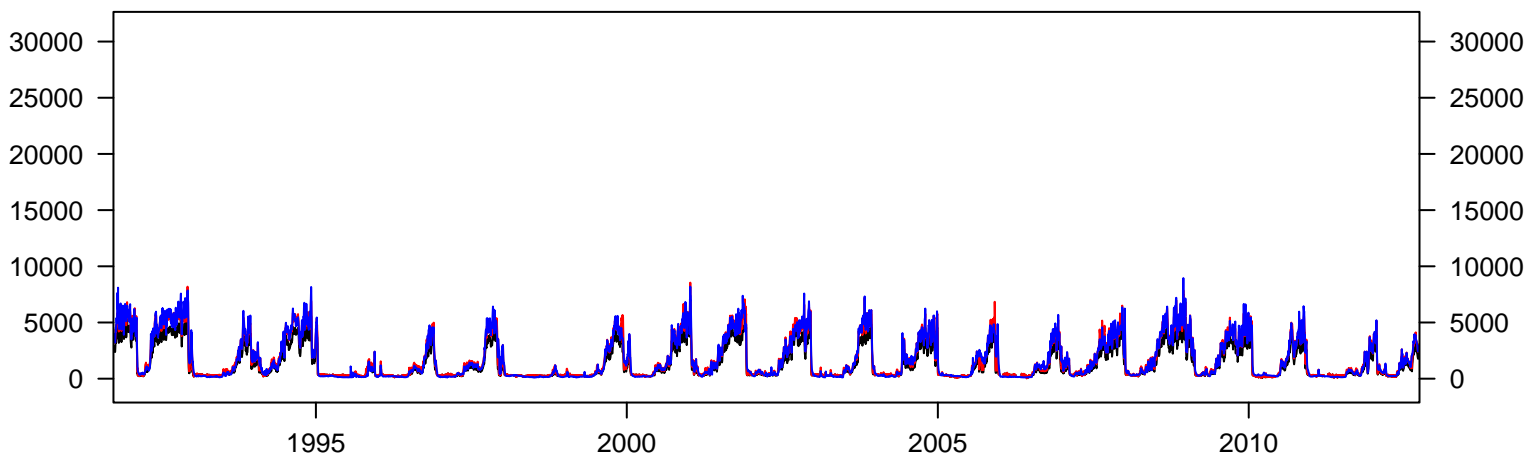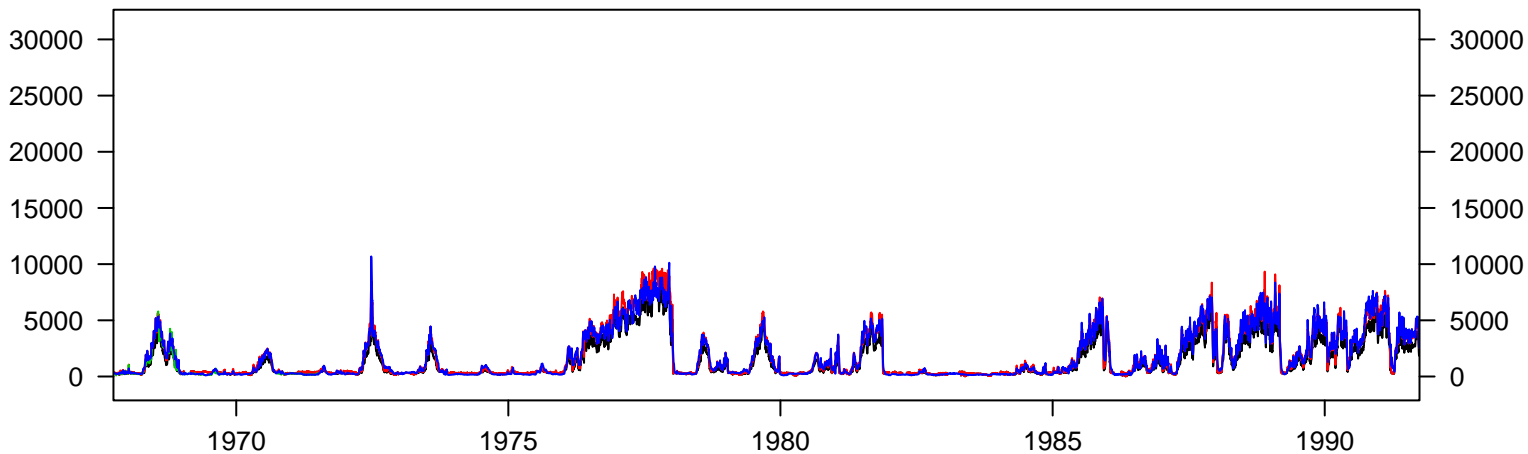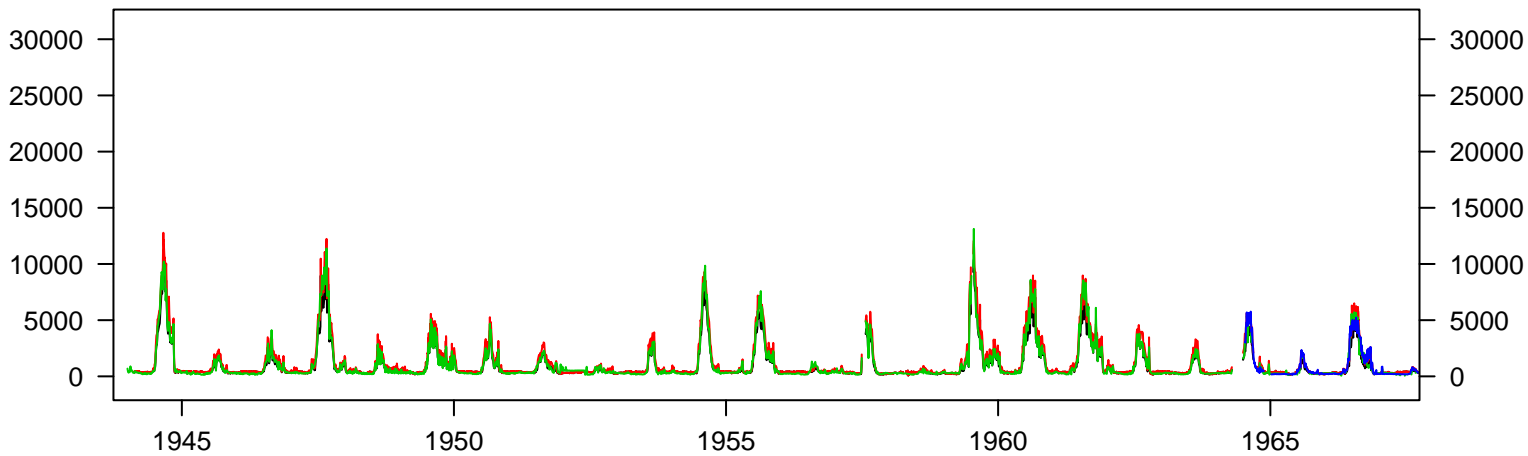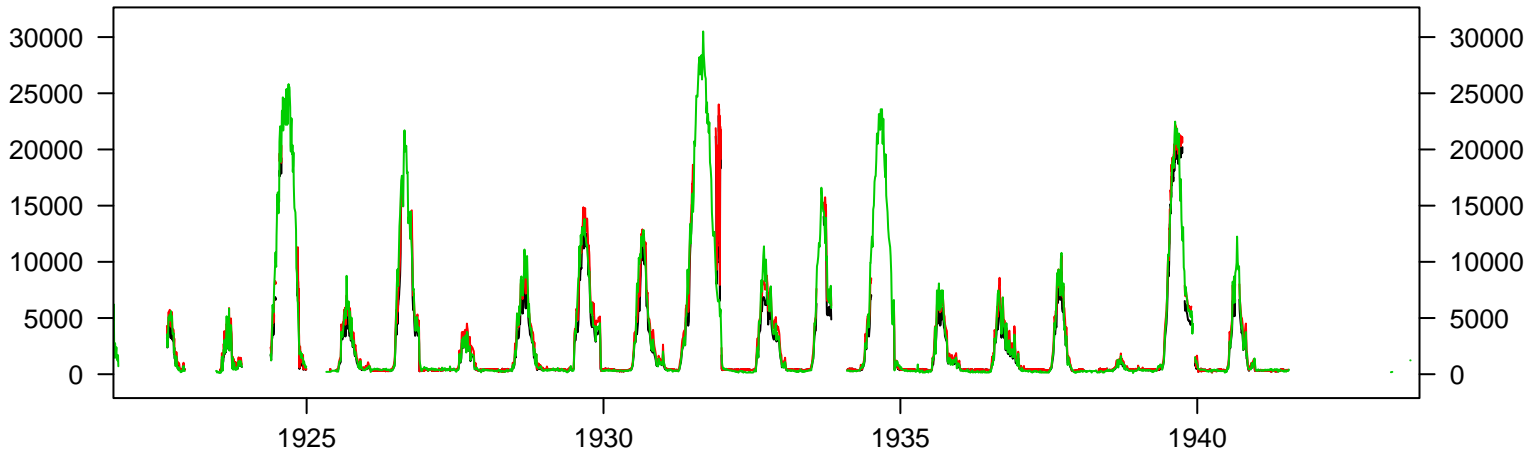
EC (uS/cm)

Date

33

BLP, SJR

Legend:
- ANN, B23
- ANN, CDEC
- OBS, B23
- OBS, CDEC

EC (uS/cm)

Date

34

ANB, SJR

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

35
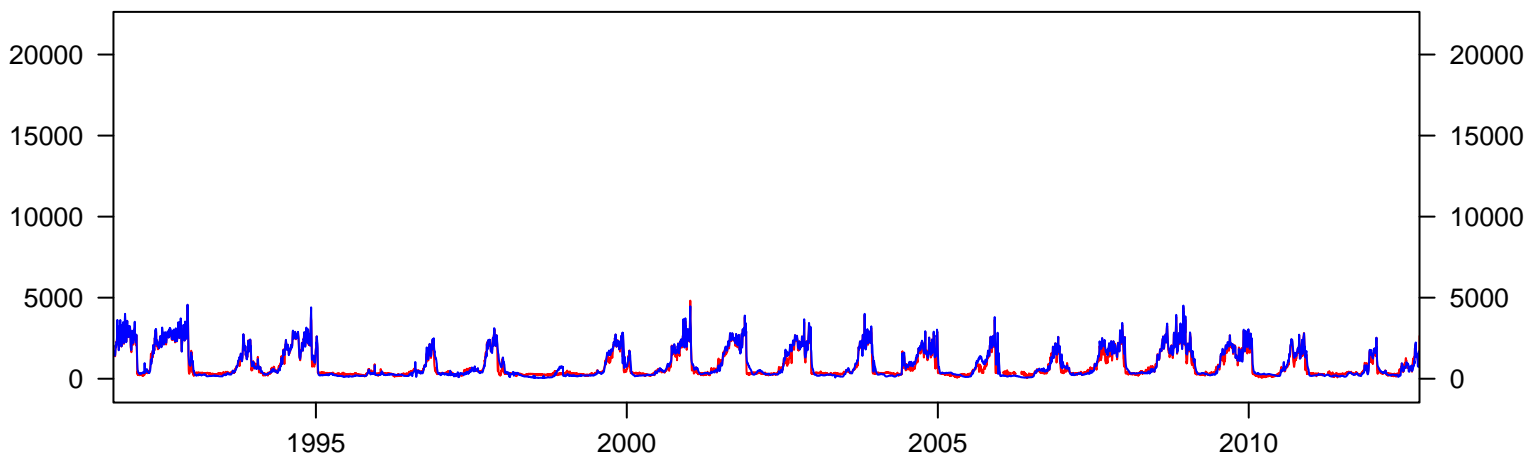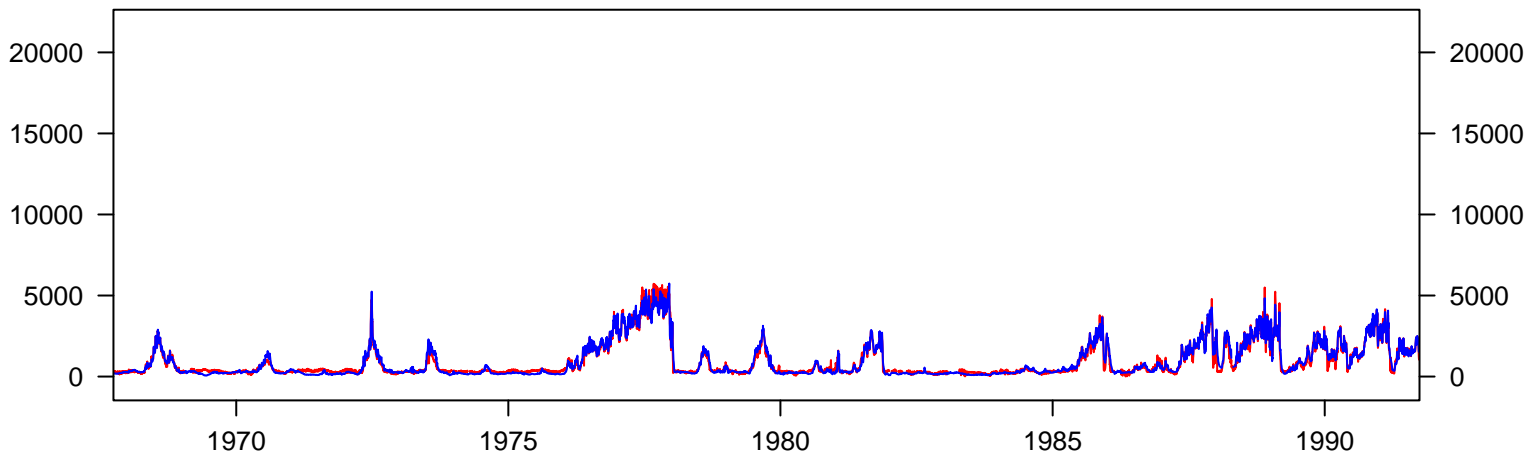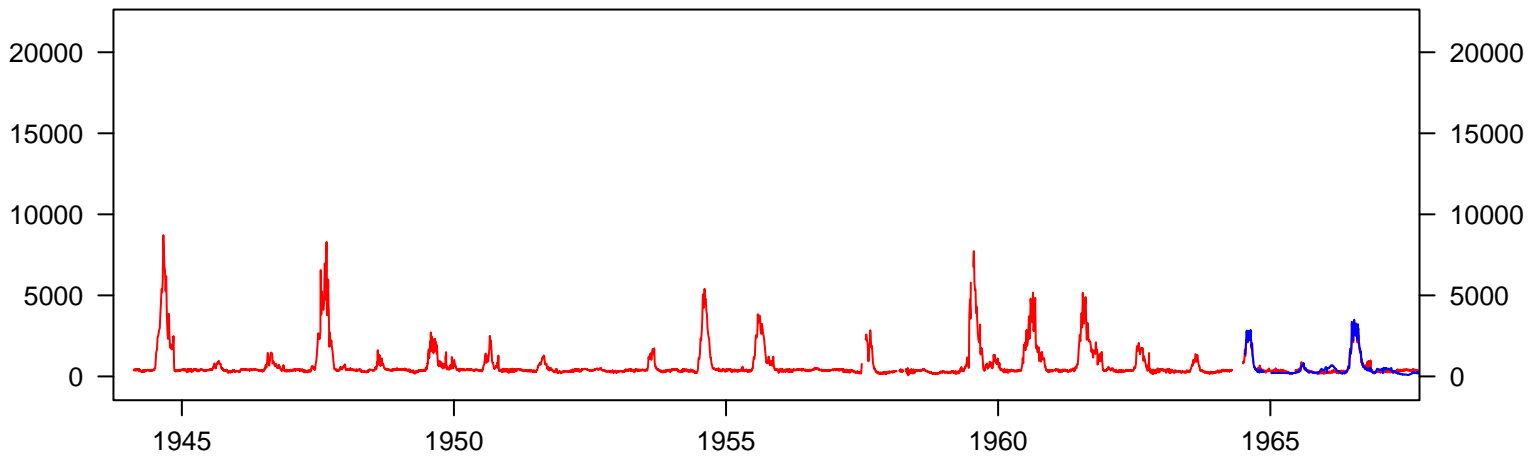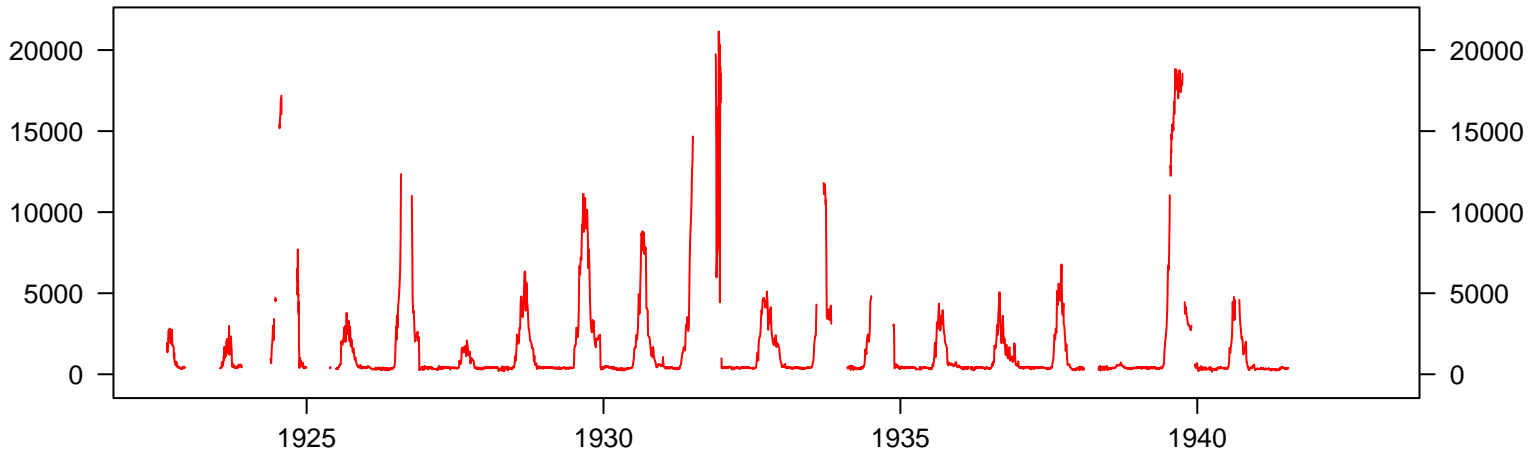
JER, SJR

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

36
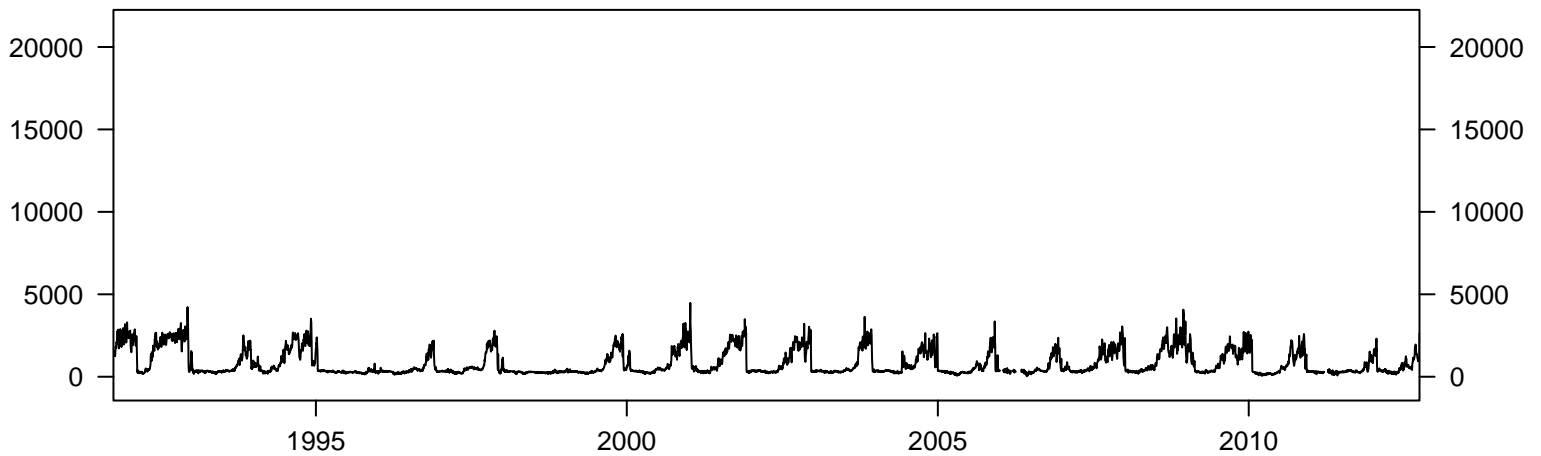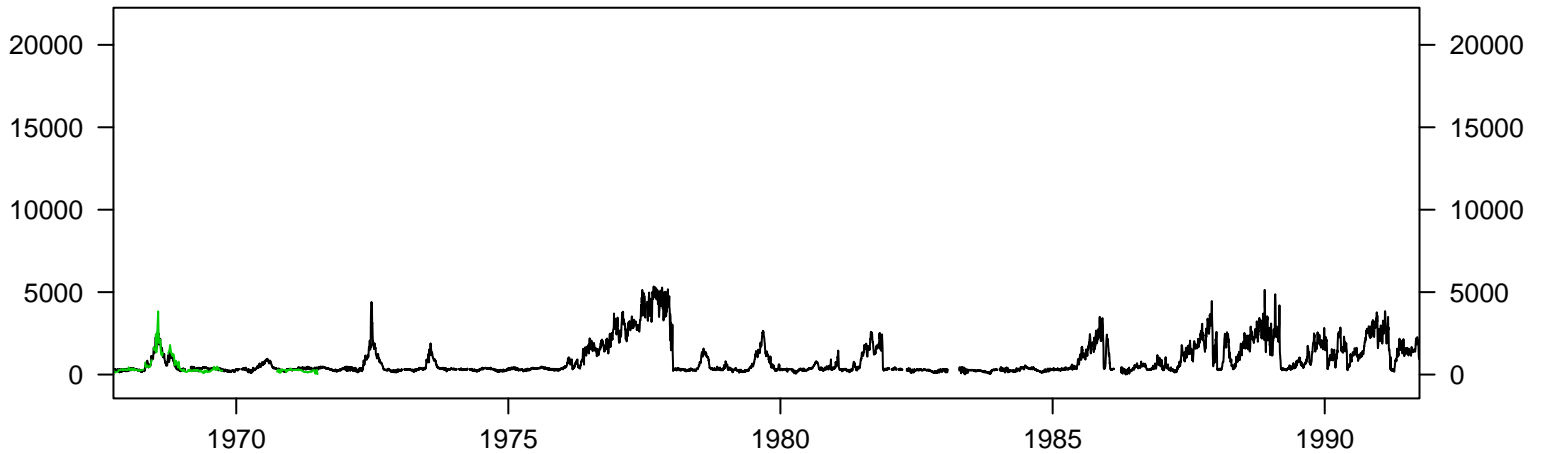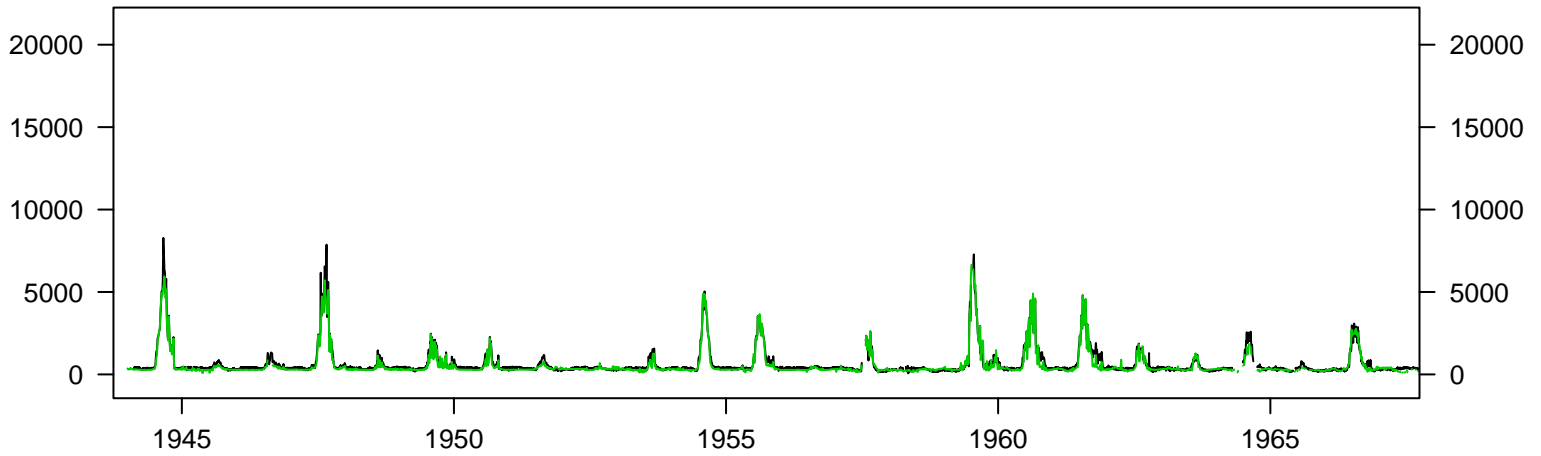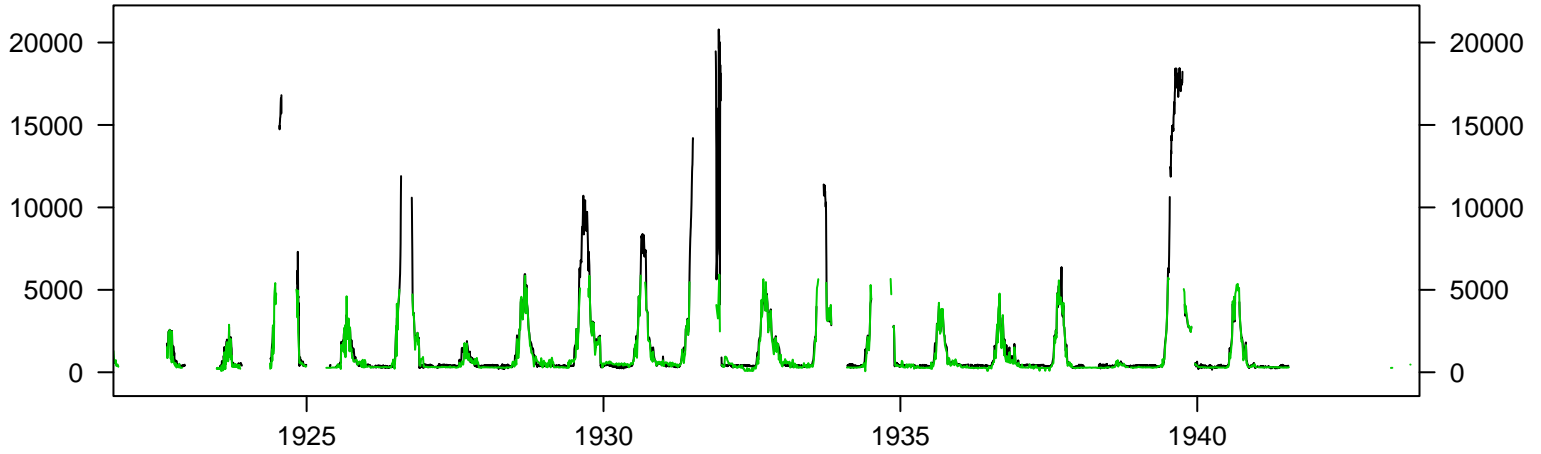
TSL, SJR

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

37

FRV, SJR

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

38

OPT, SJR

Legend:
- ANN, B23
- ANN, CDEC
- OBS, B23
- OBS, CDEC

EC (uS/cm)

Date

39

SAL, SJR

ANN, B23
ANN, CDEC
OBS, B23
OBS, CDEC

EC (uS/cm)

Date

40

WBP, SJR

Legend:
- ANN, B23
- ANN, CDEC
- OBS, B23
- OBS, CDEC

EC (uS/cm)

Date

41