

April 3, 2020

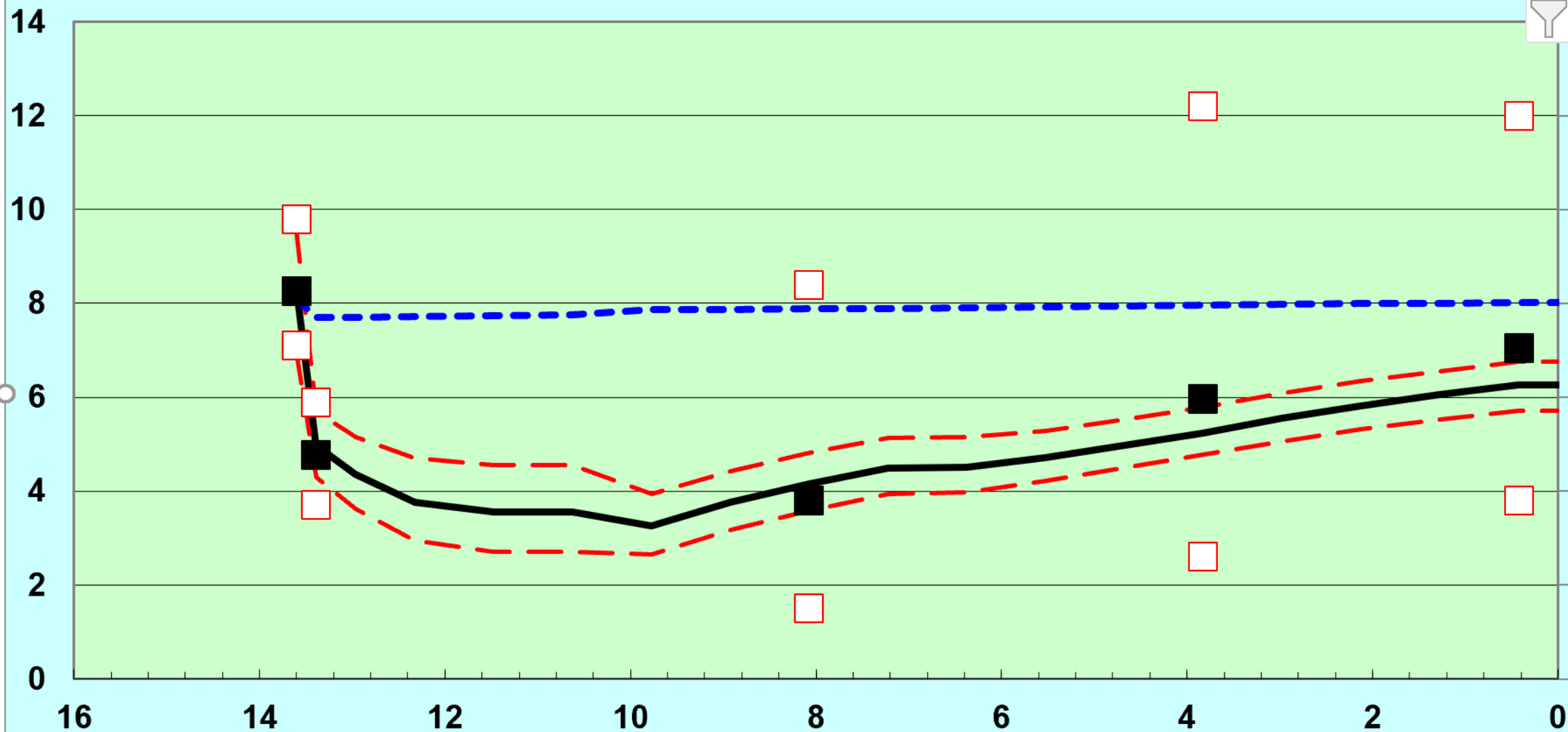
1. Reflection: How long would it take for you to model your water quality problem of choice? What steps could you take to ensure your model represented the system well?

2. Homework #5

3. Modeling N,P, Phyto in QUAL2K

Plot another
Tributary

Boulder Creek (8/21/1987) Mainstem



— DO(mgO₂/L)

■ DO (mgO₂/L) data

- - DO(mgO₂/L) Min

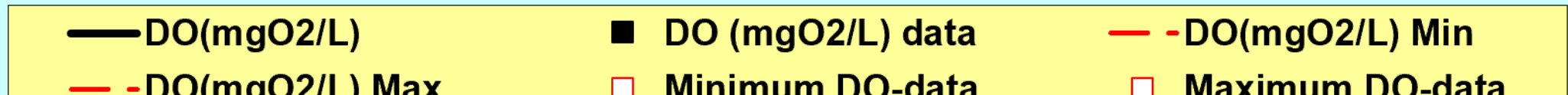
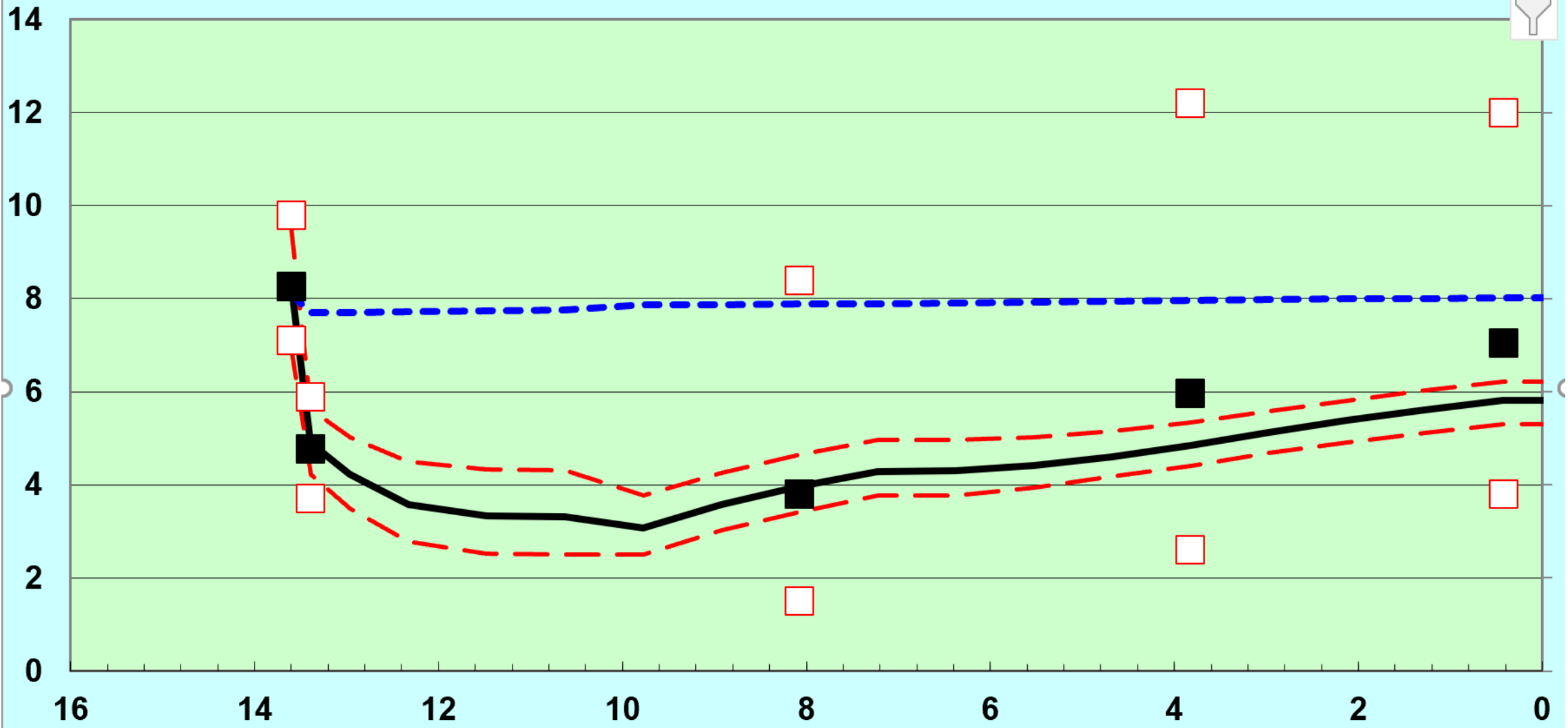
- - DO(mgO₂/L) Max

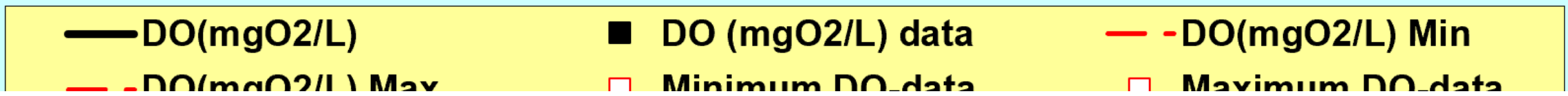
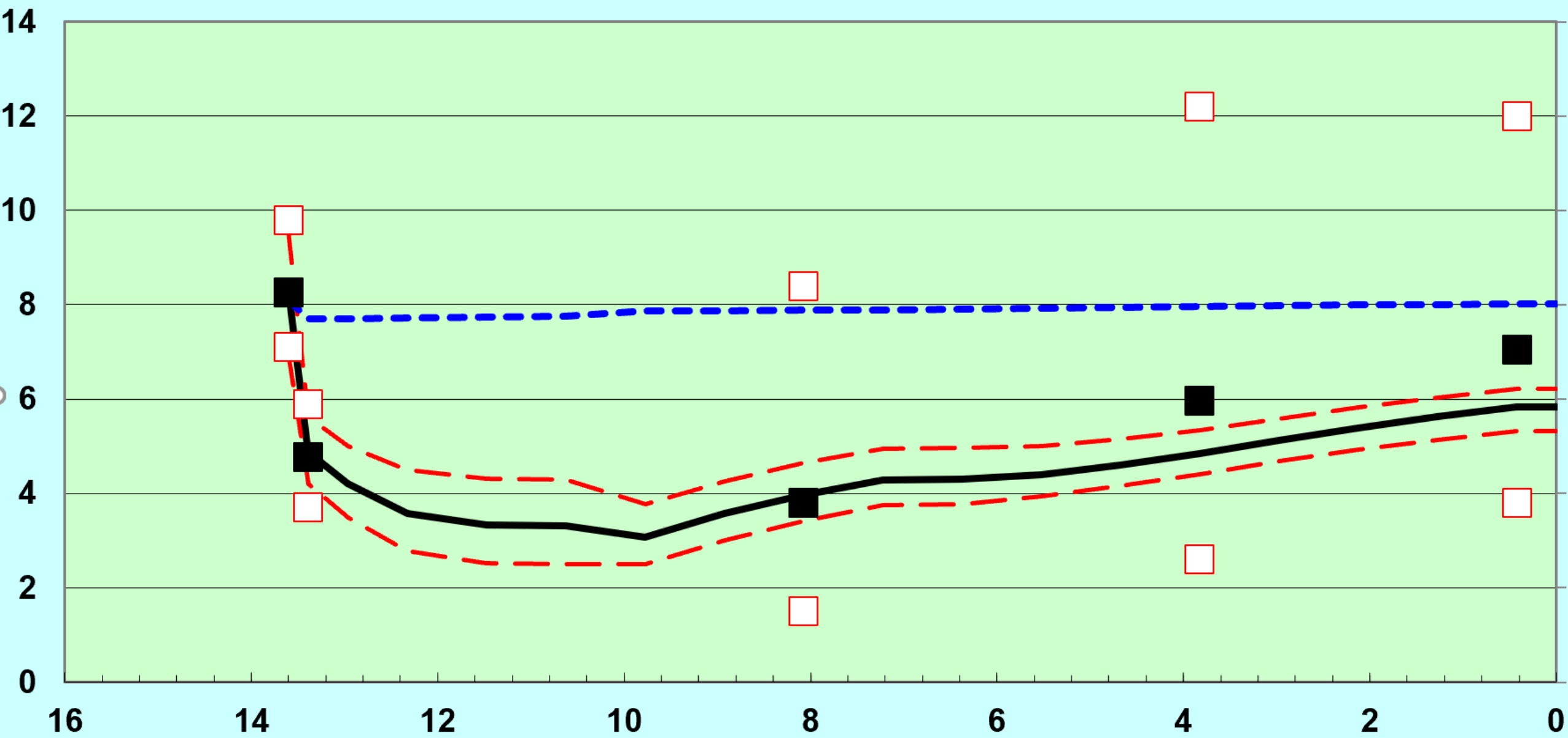
□ Minimum DO-data

□ Maximum DO-data

Plot another
Tributary

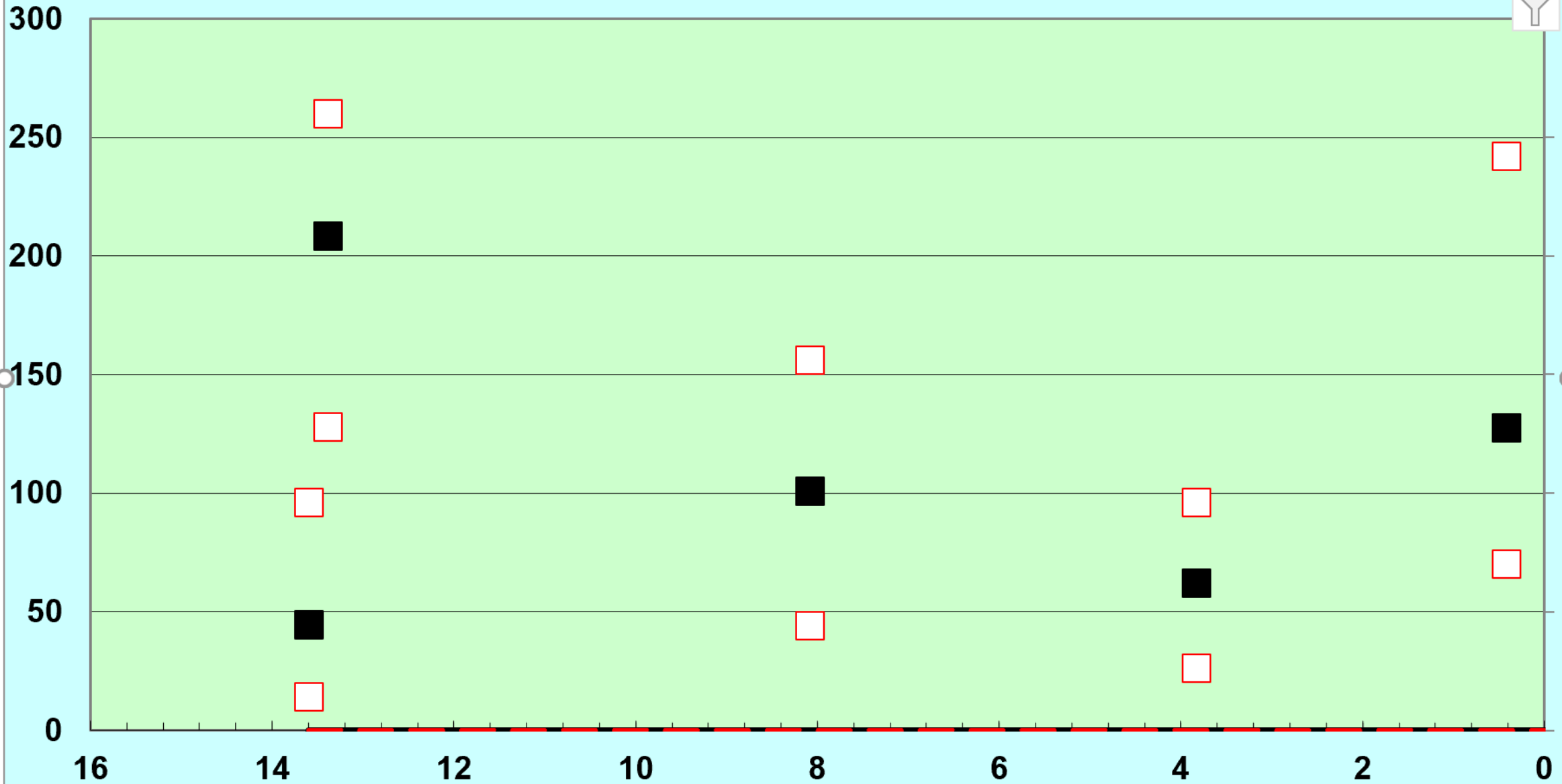
Boulder Creek (8/21/1987) Mainstem





Plot another
Tributary

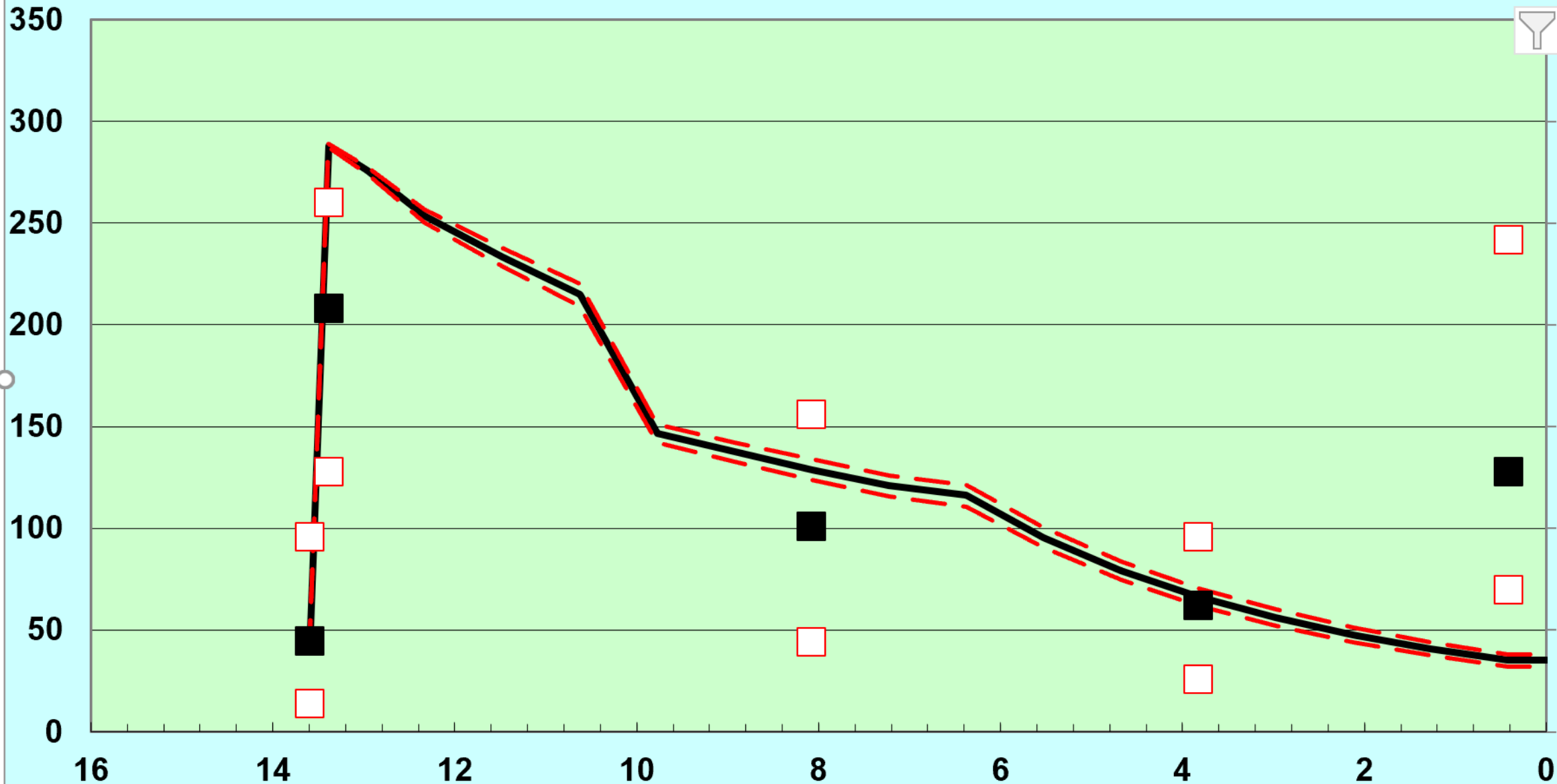
Boulder Creek (8/21/1987) Mainstem



$P_1 - (N/I) - 1$ $P_1 - (P/I) - M$

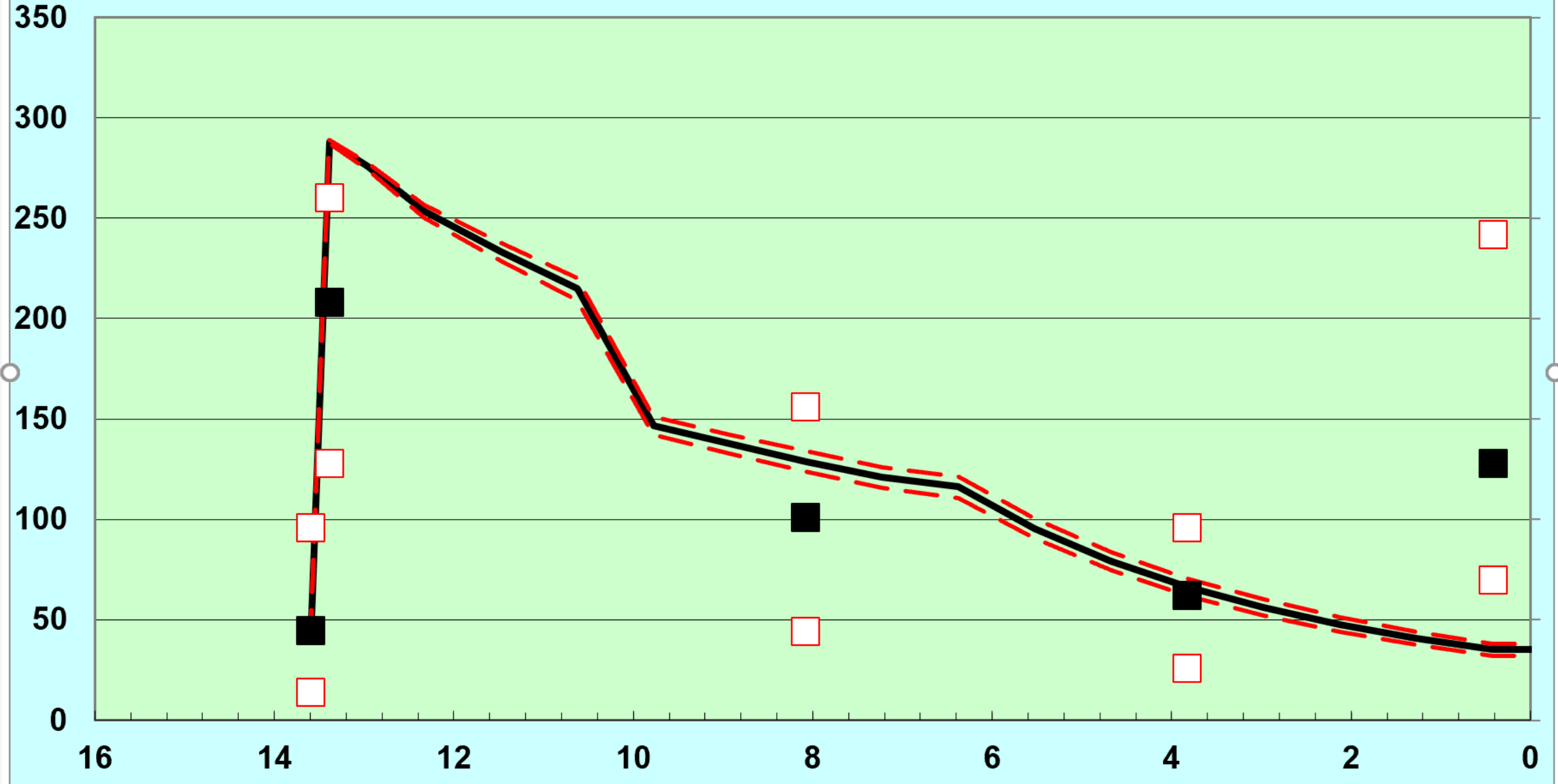
Boulder Creek (8/21/1987) Mainstem

Plot another
Tributary

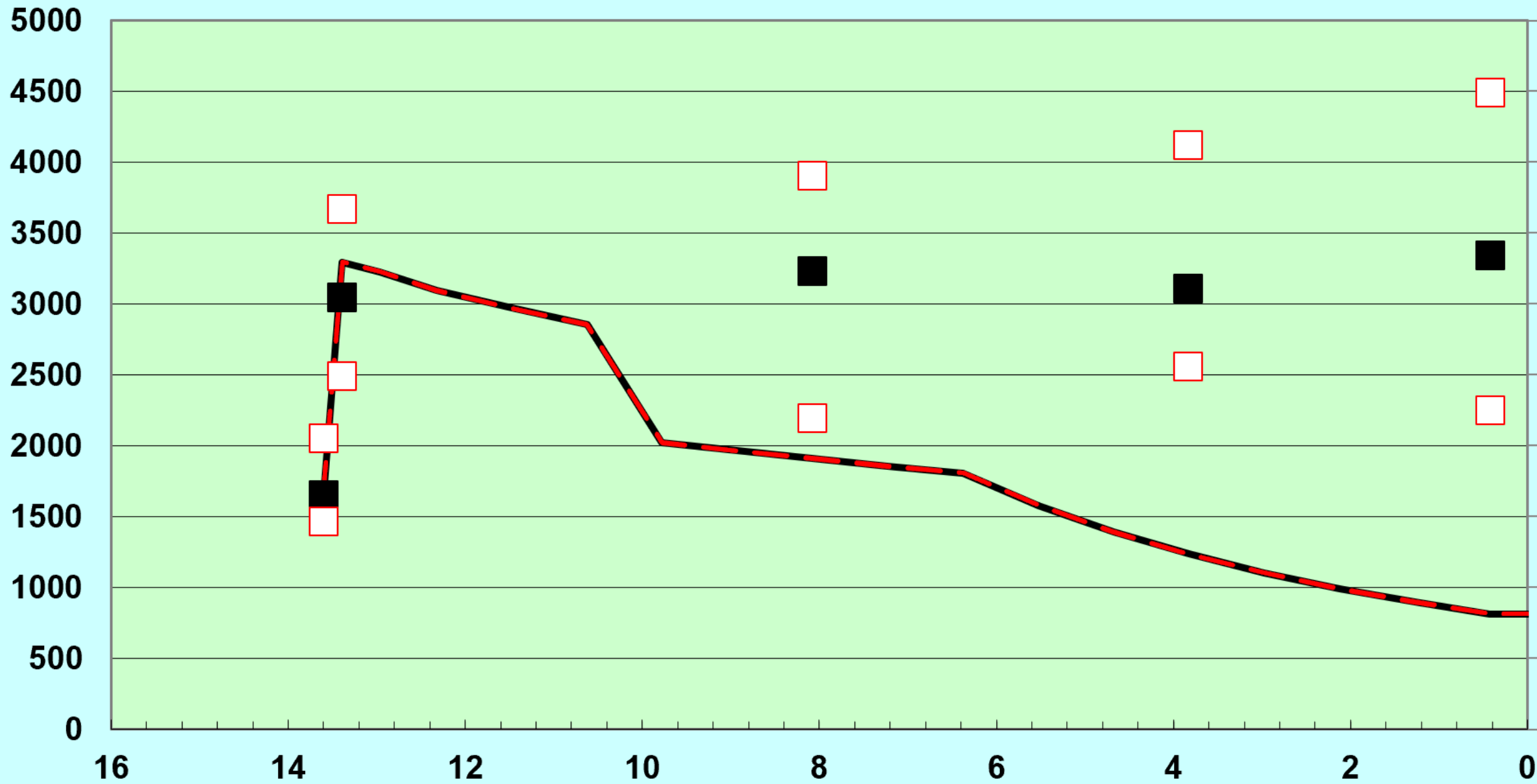


■ Porg (ugN/L) data — Po (ugP/L) - - Po (ugP/L) Min

Boundary Creek (0.2/100), mainstem



■ Porg (ugN/L) data — Po (ugP/L) - - Po (ugP/L) Min



— No(ugN/L) ■ Norg (ugN/L) data - - No(ugN/L) Min
 - - No(ugN/L) Max □ Minimum No-data □ Maximum No-data

