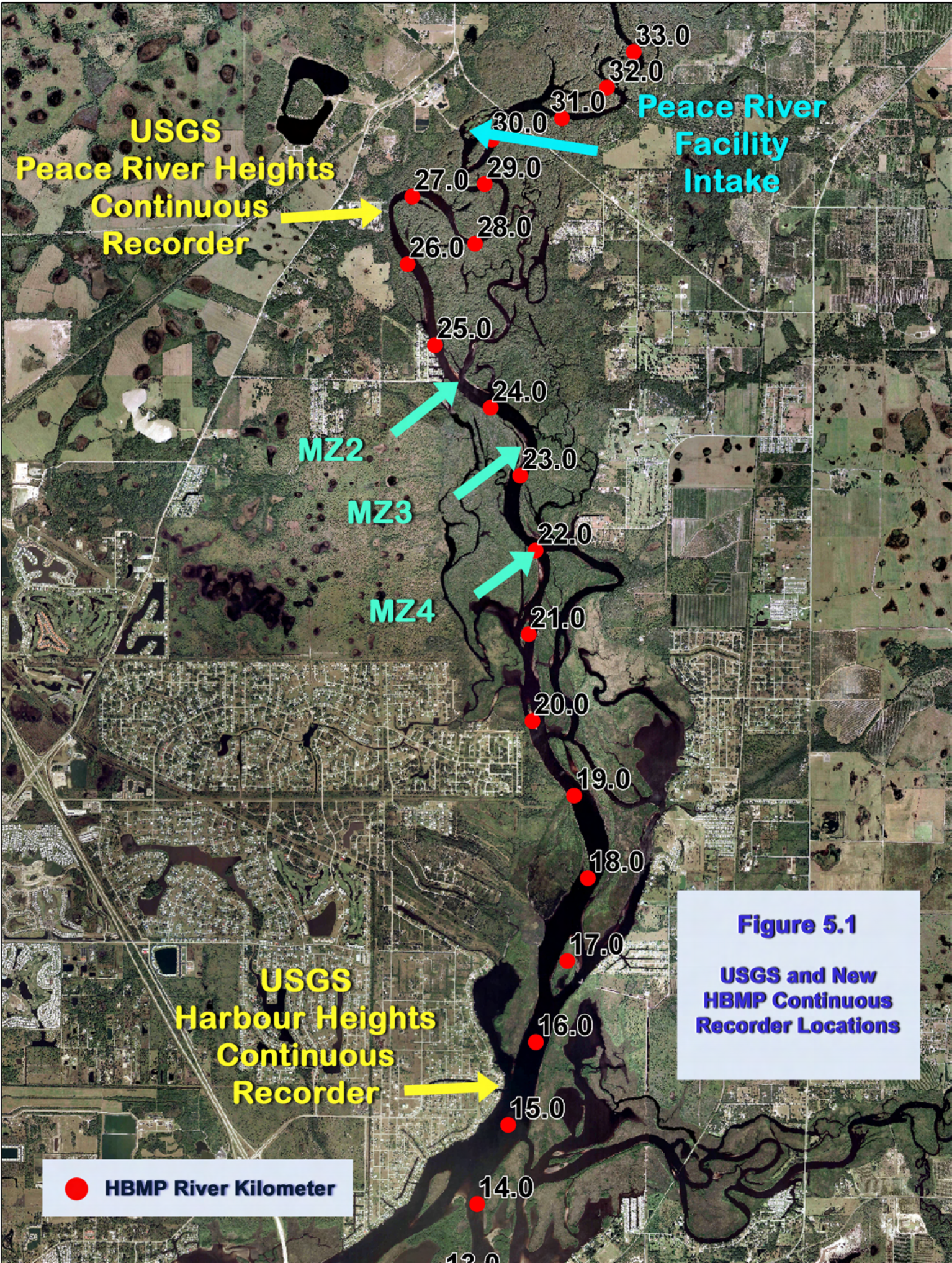
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Peace River Facility Intake
USGS Peace River Heights Continuous Recorder
MZ2
MZ3
MZ4
USGS Harbour Heights Continuous Recorder
HBMP River Kilometer
Figure 5.1
USGS and New HBMP Continuous Recorder Locations

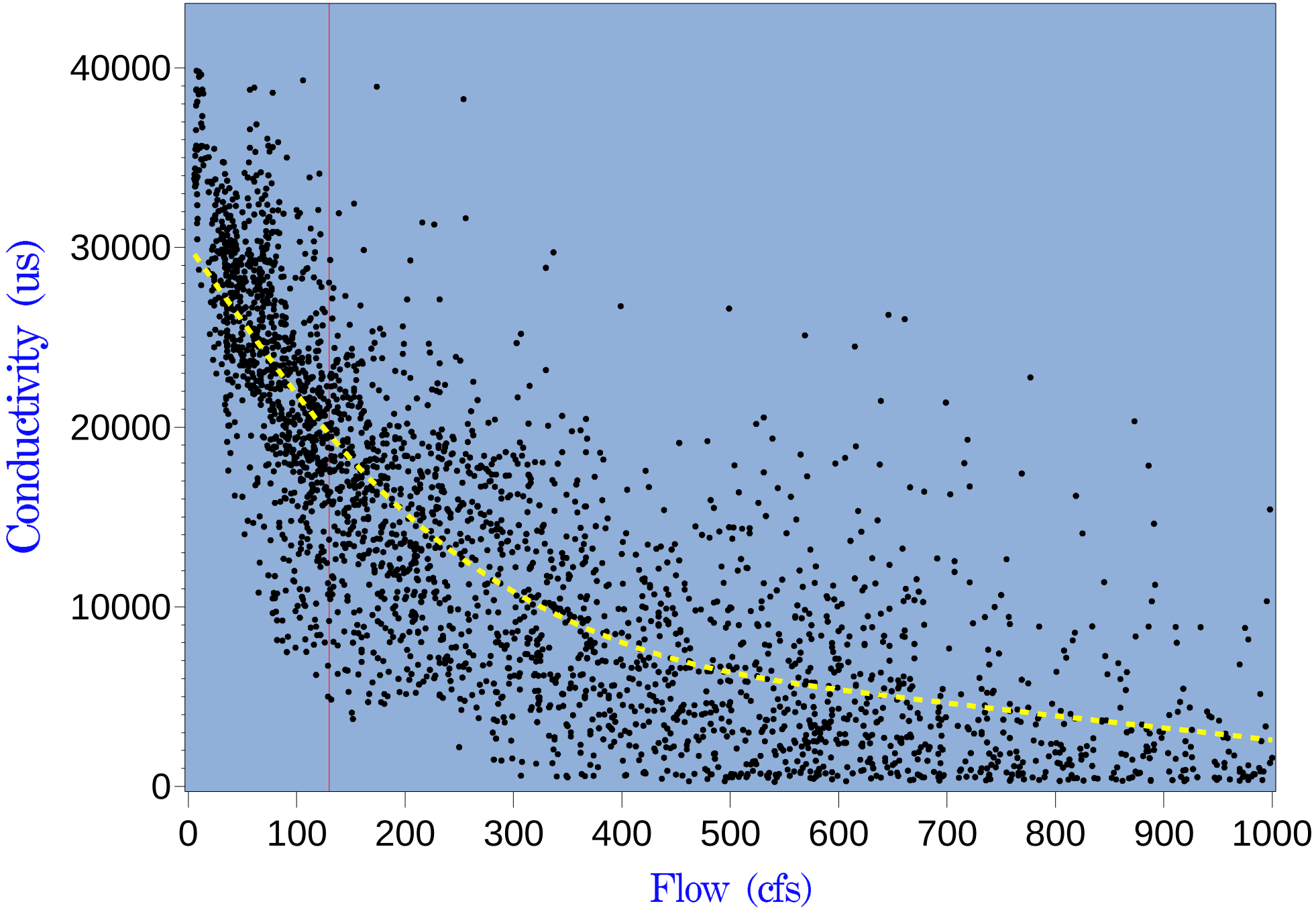


Figure 5.2 Recorder surface conductivity at river kilometer 15.5 versus Peace River at Arcadia flow

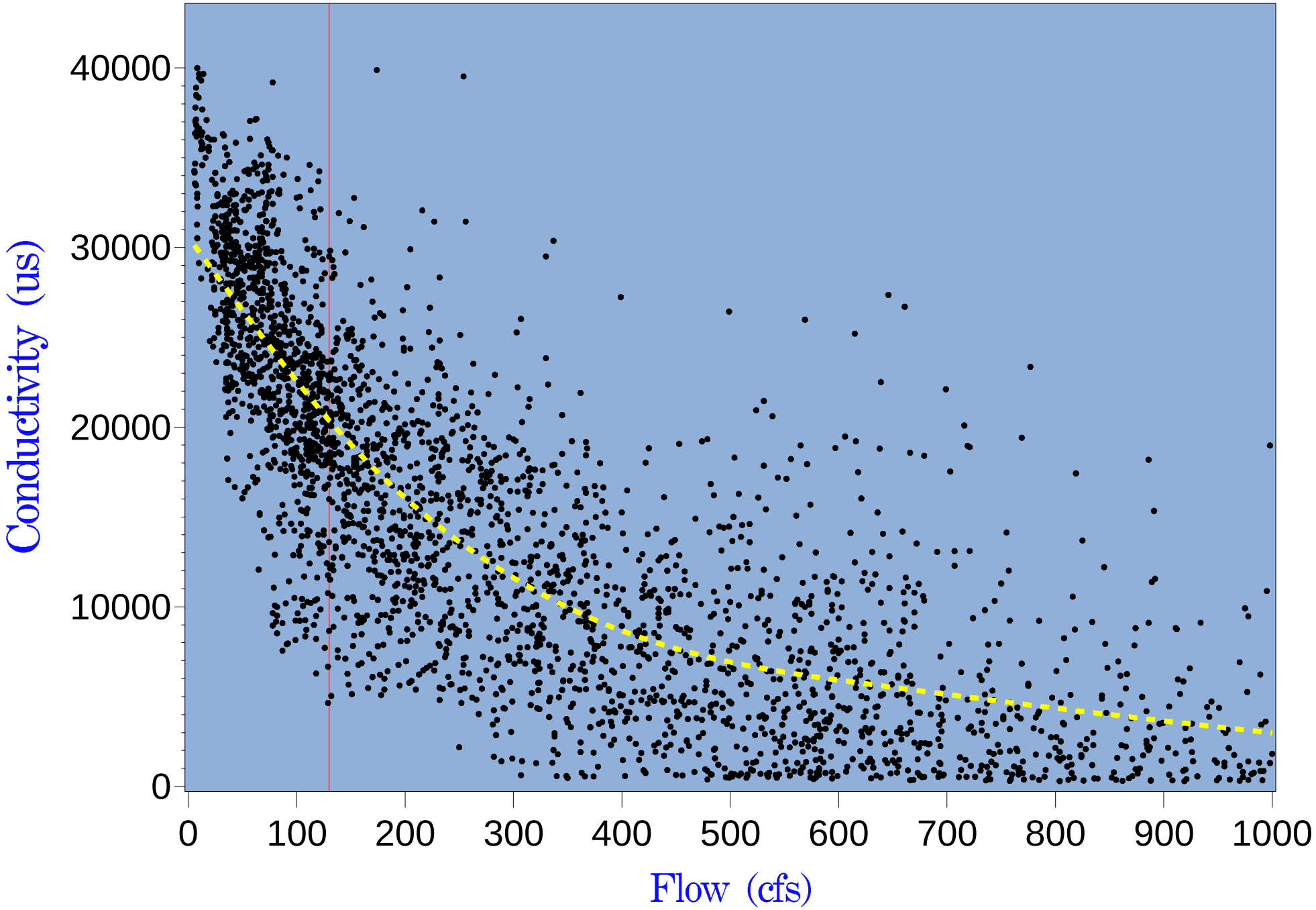


Figure 5.3 Recorder bottom conductivity at river kilometer 15.5 versus Peace River at Arcadia flow

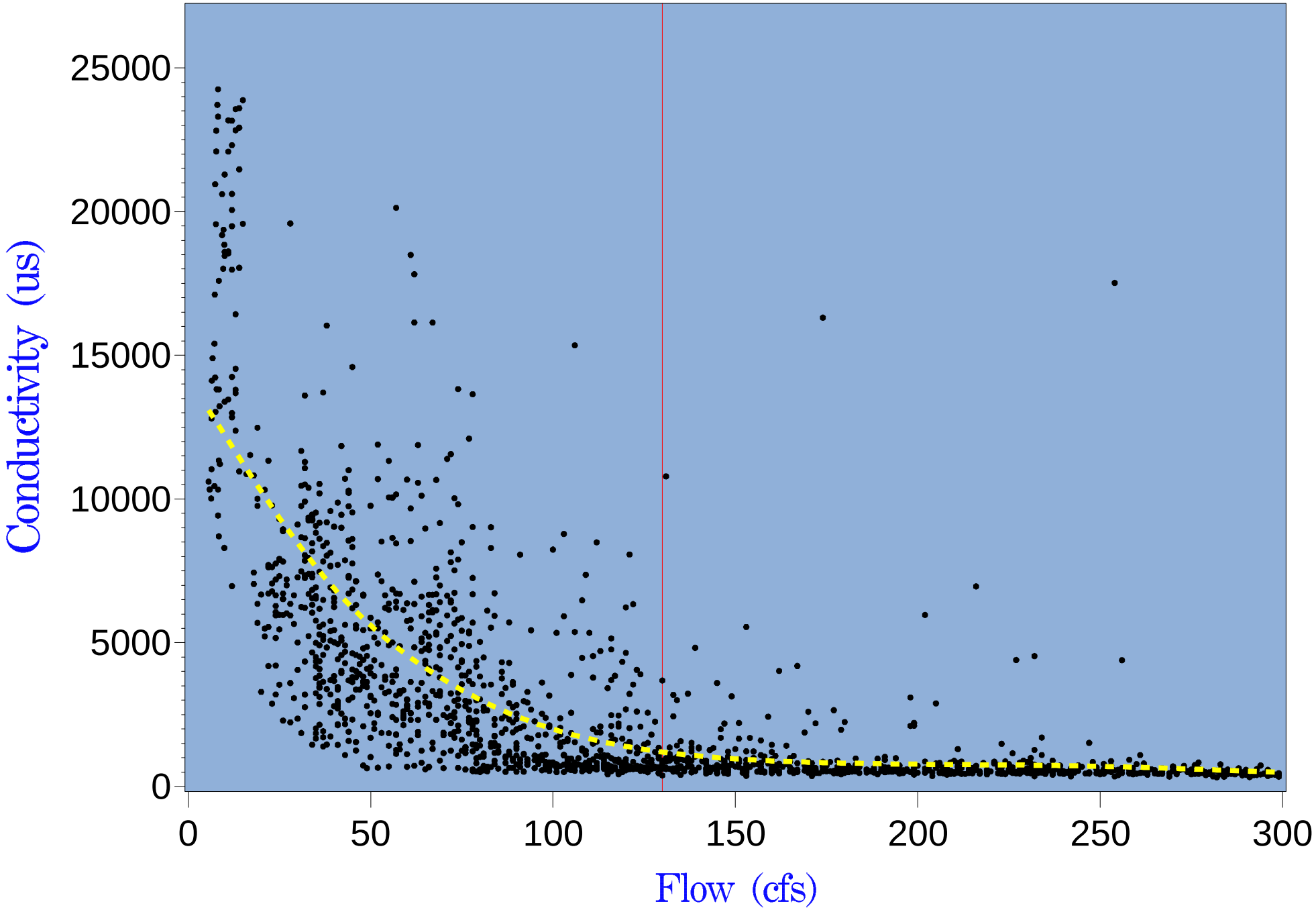


Figure 5.4 Recorder surface conductivity at river kilometer 26.7 versus Peace River at Arcadia flow

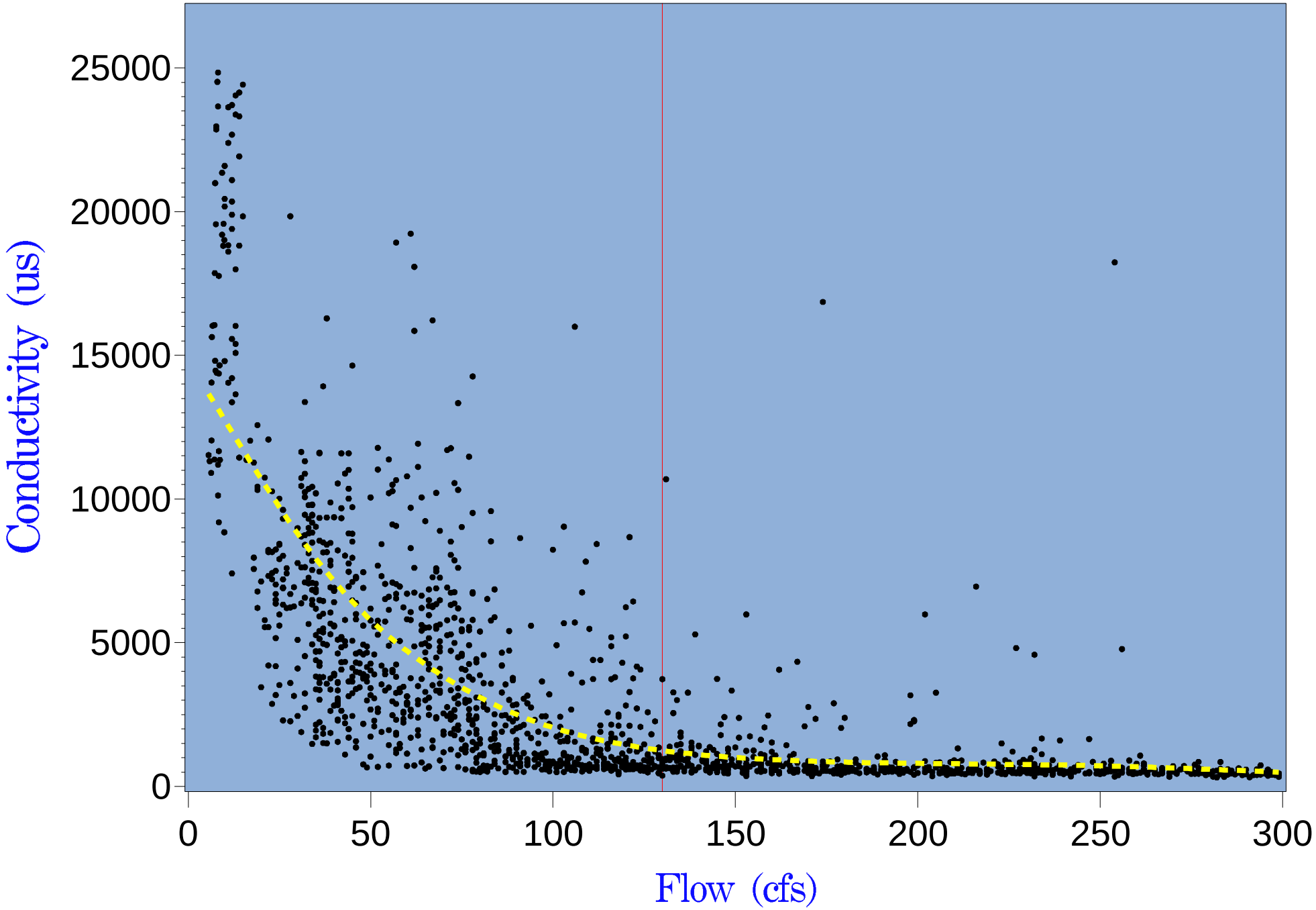
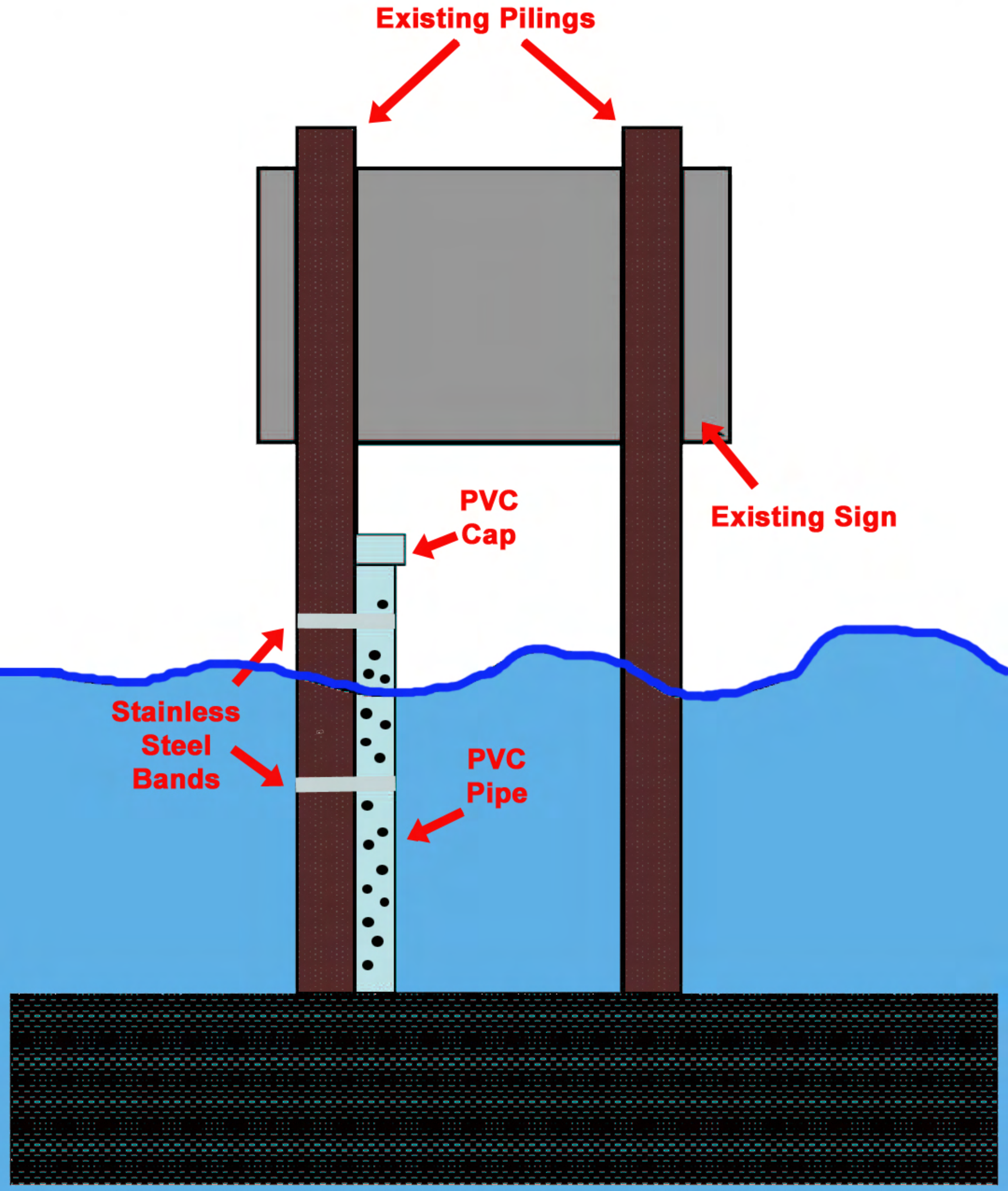


Figure 5.5 Recorder bottom conductivity at river kilometer 26.7 versus Peace River at Arcadia flow

Figure 5.6
Diagram of Attachement to Existing Manatee Speed Zone Sign



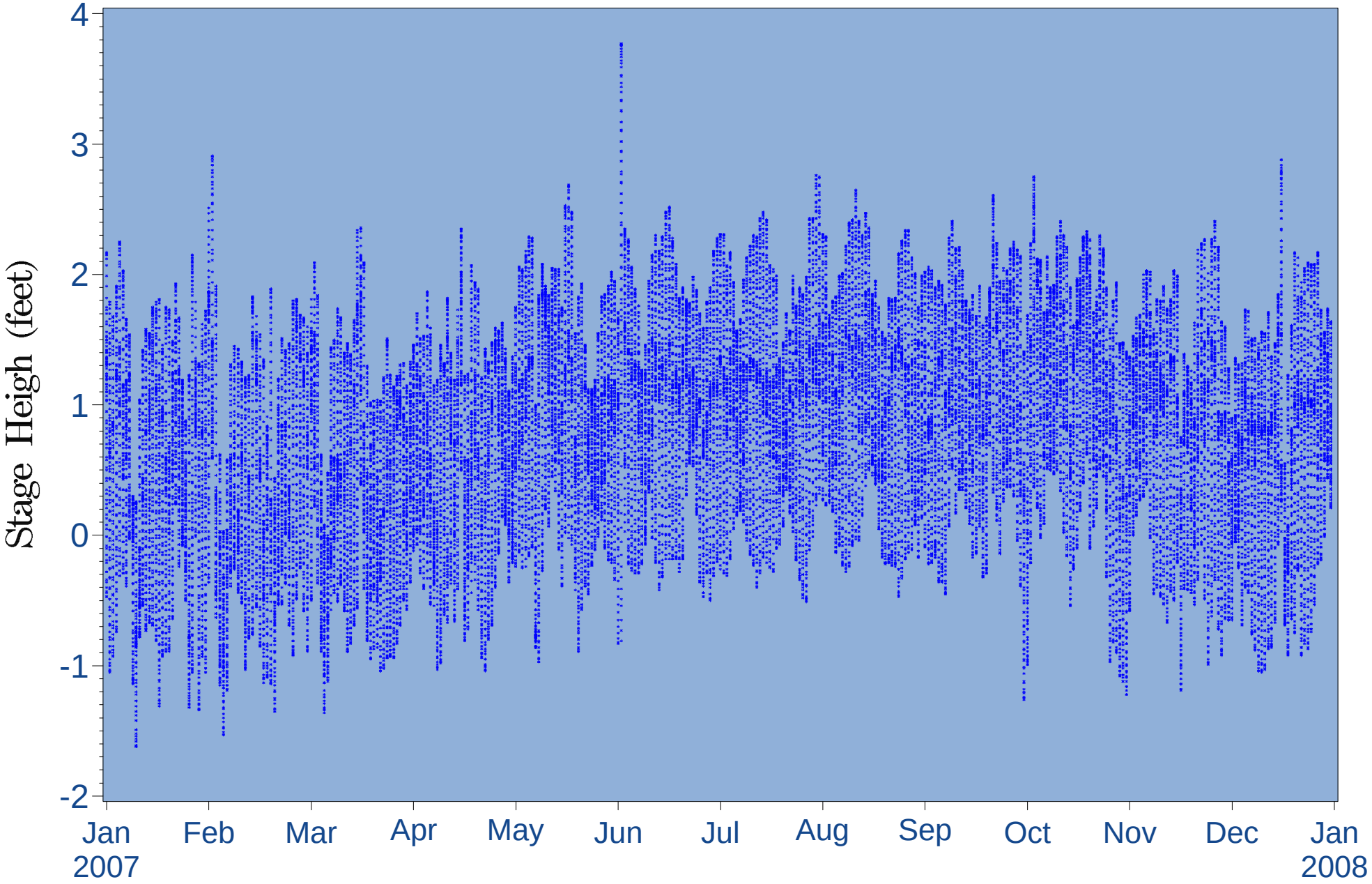


Figure 5.7 2007 Stage height (15-min intervals) for Peace River fixed station at Harbour Heights - USGS Gage 02297460 (River Kilometer=15.5)

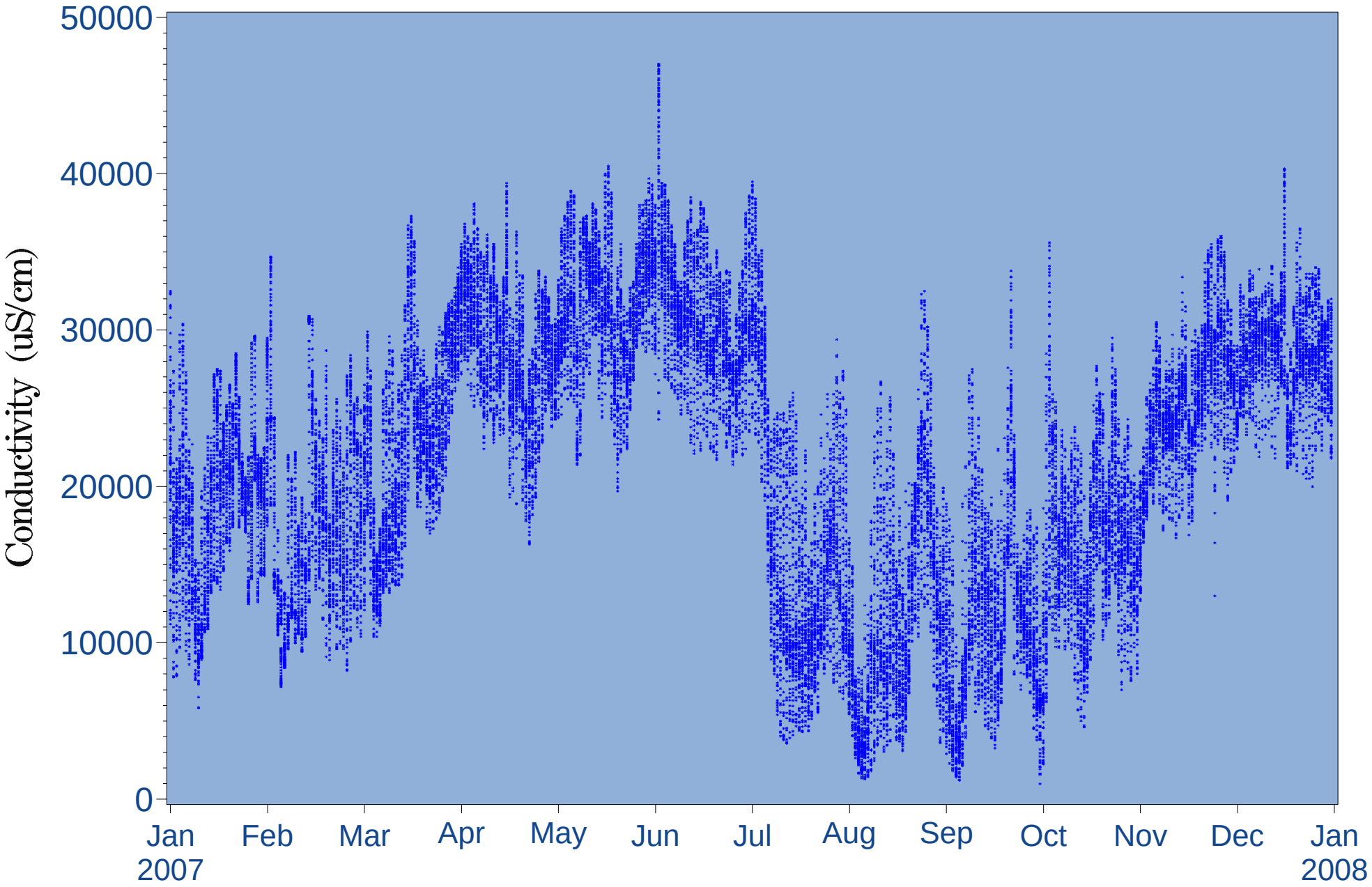


Figure 5.8 2007 Surface conductivity (15-min intervals) for Peace River fixed station at Harbour Heights - USGS Gage 02297460 (River Kilometer=15.5)

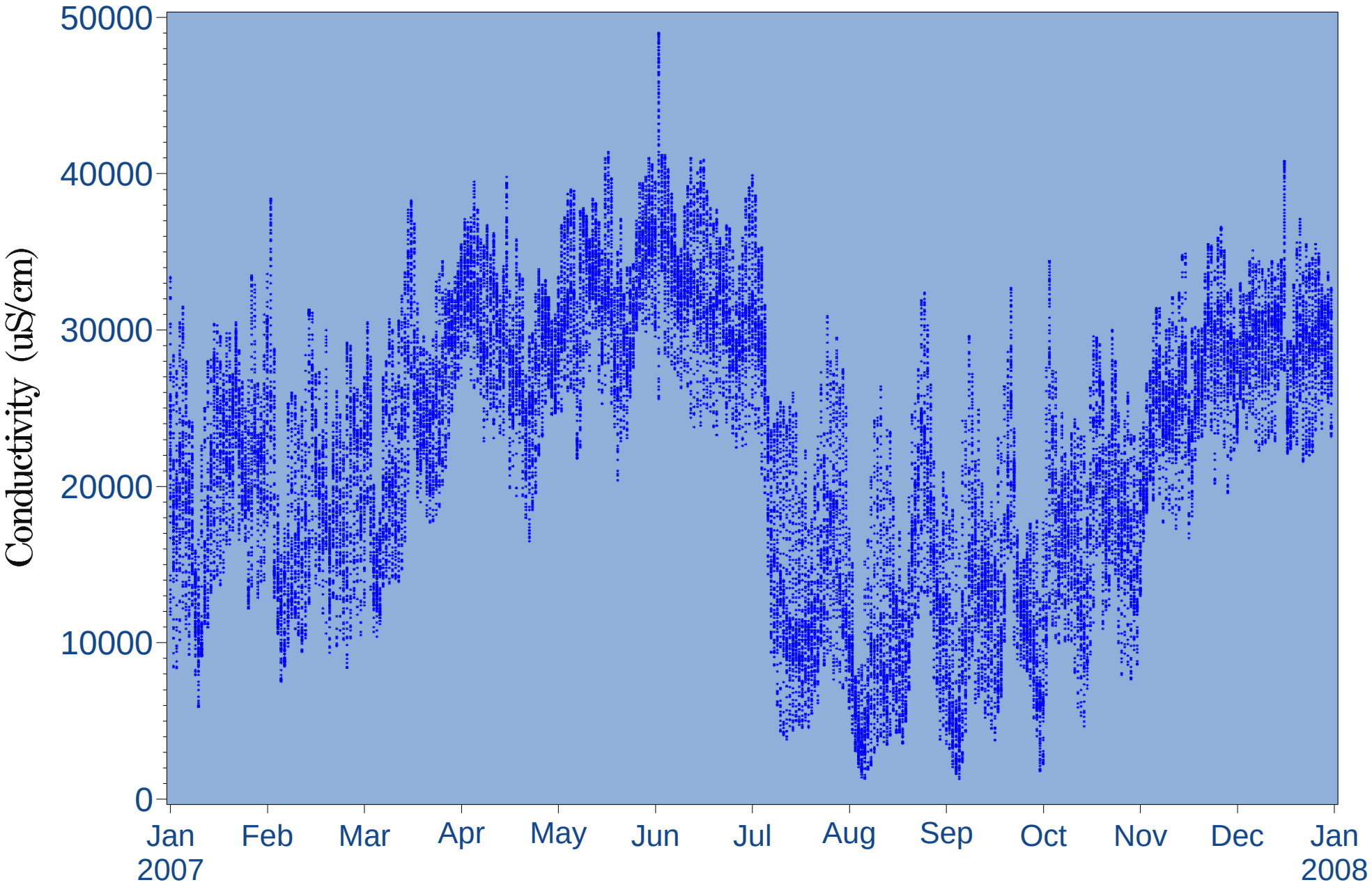


Figure 5.9 2007 Bottom conductivity (15-min intervals) for Peace River fixed station at Harbour Heights - USGS Gage 02297460 (River Kilometer=15.5)

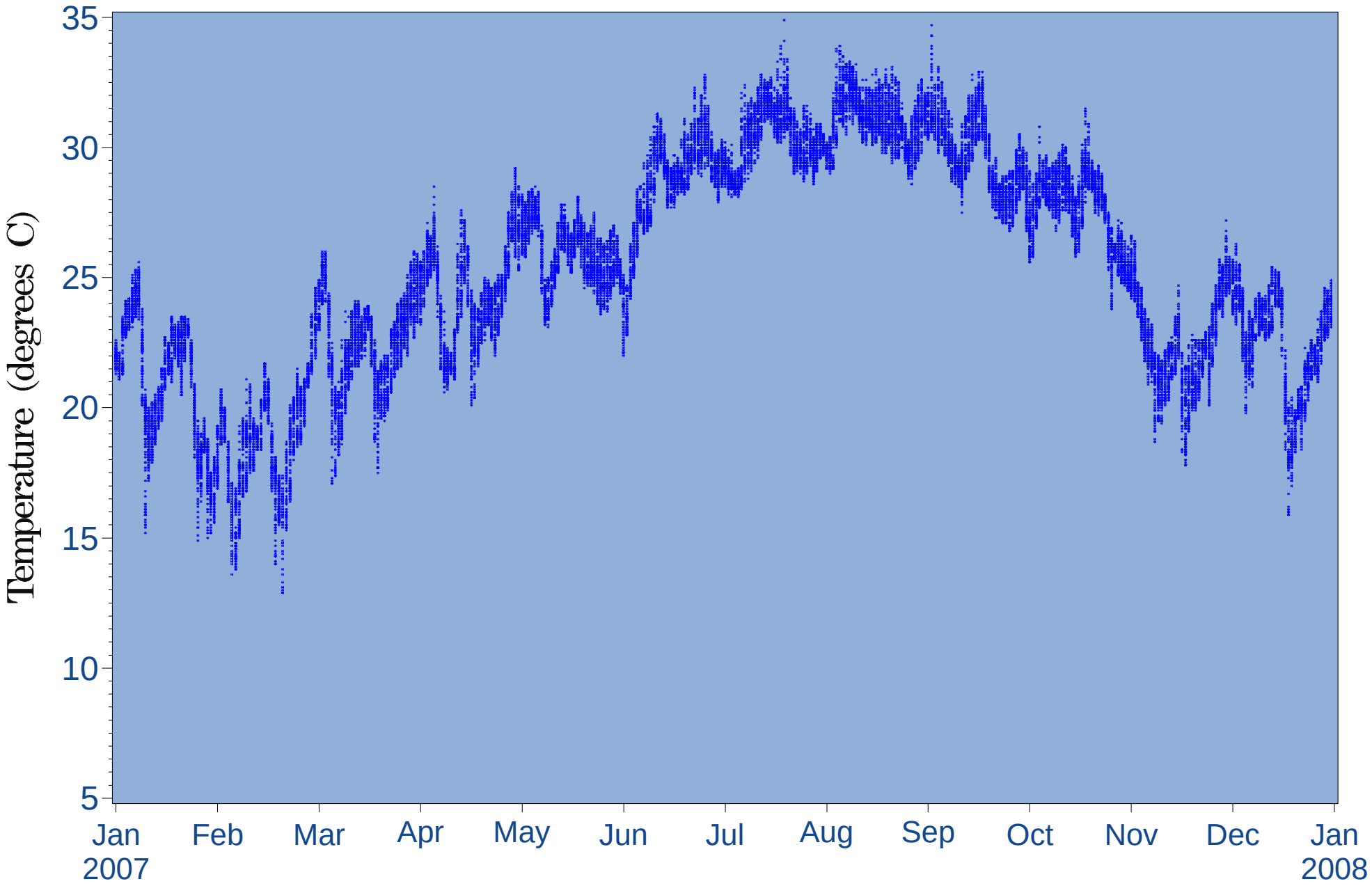


Figure 5.10 2007 Surface temperature (15-min intervals) for Peace River fixed station at Harbour Heights - USGS Gage 02297460 (River Kilometer=15.5)

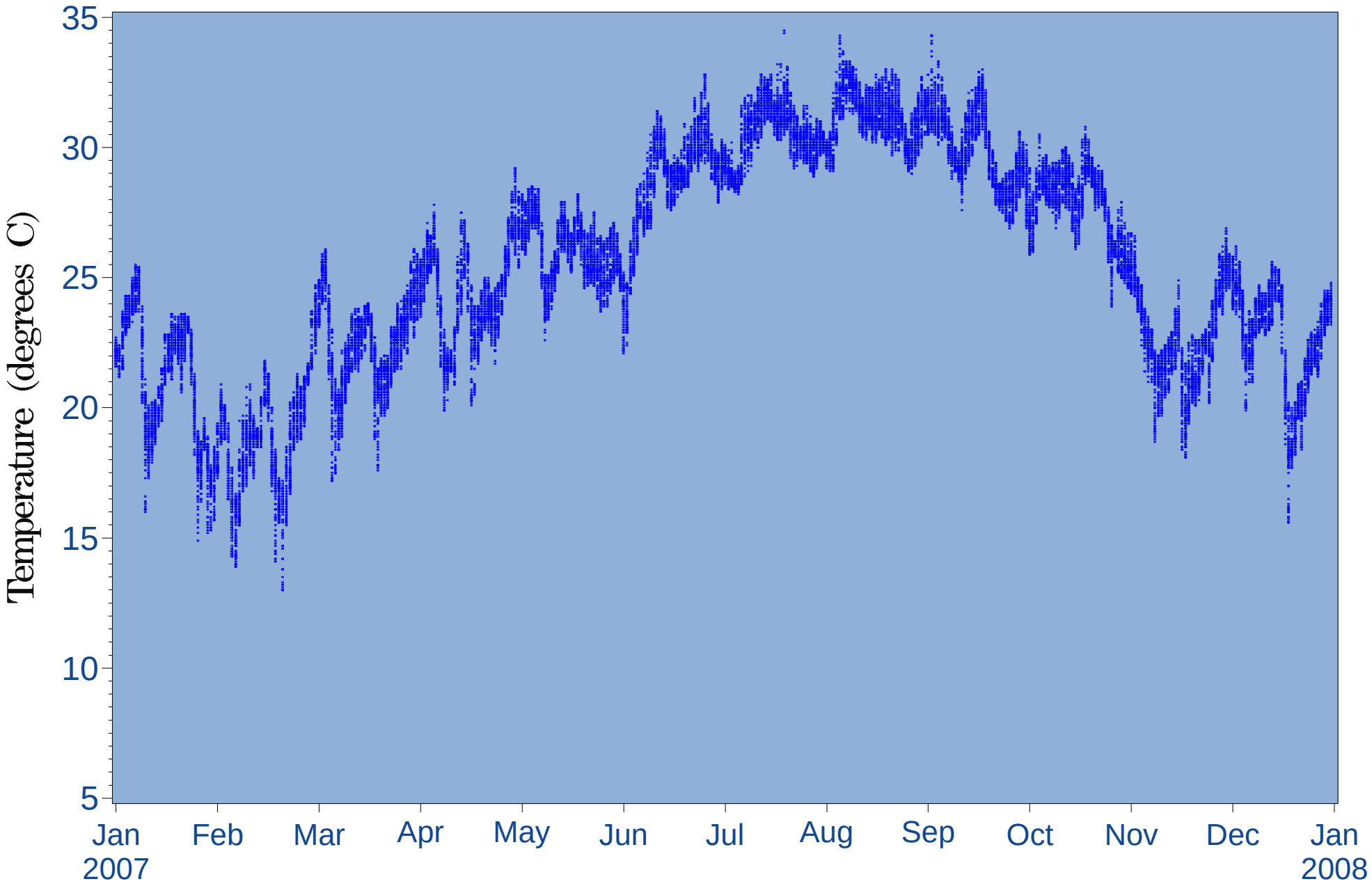


Figure 5.11 2007 Bottom temperature (15-min intervals) for Peace River fixed station at Harbour Heights - USGS Gage 02297460 (River Kilometer=15.5)

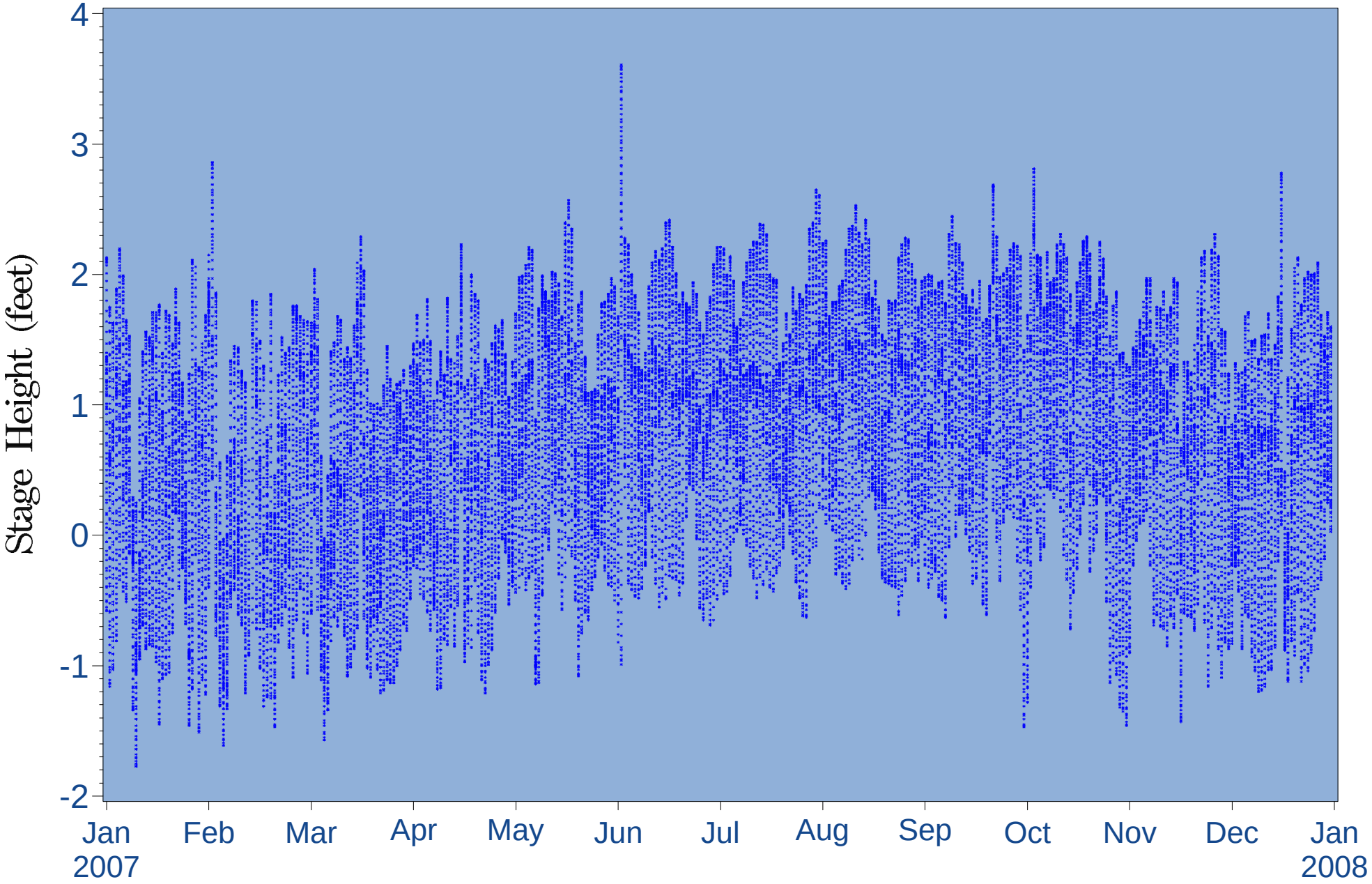


Figure 5.12 2007 Stage height (15-min intervals) for Peace River fixed station at Peace River Heights - USGS gage 02297350 (River Kilometer=26.7)

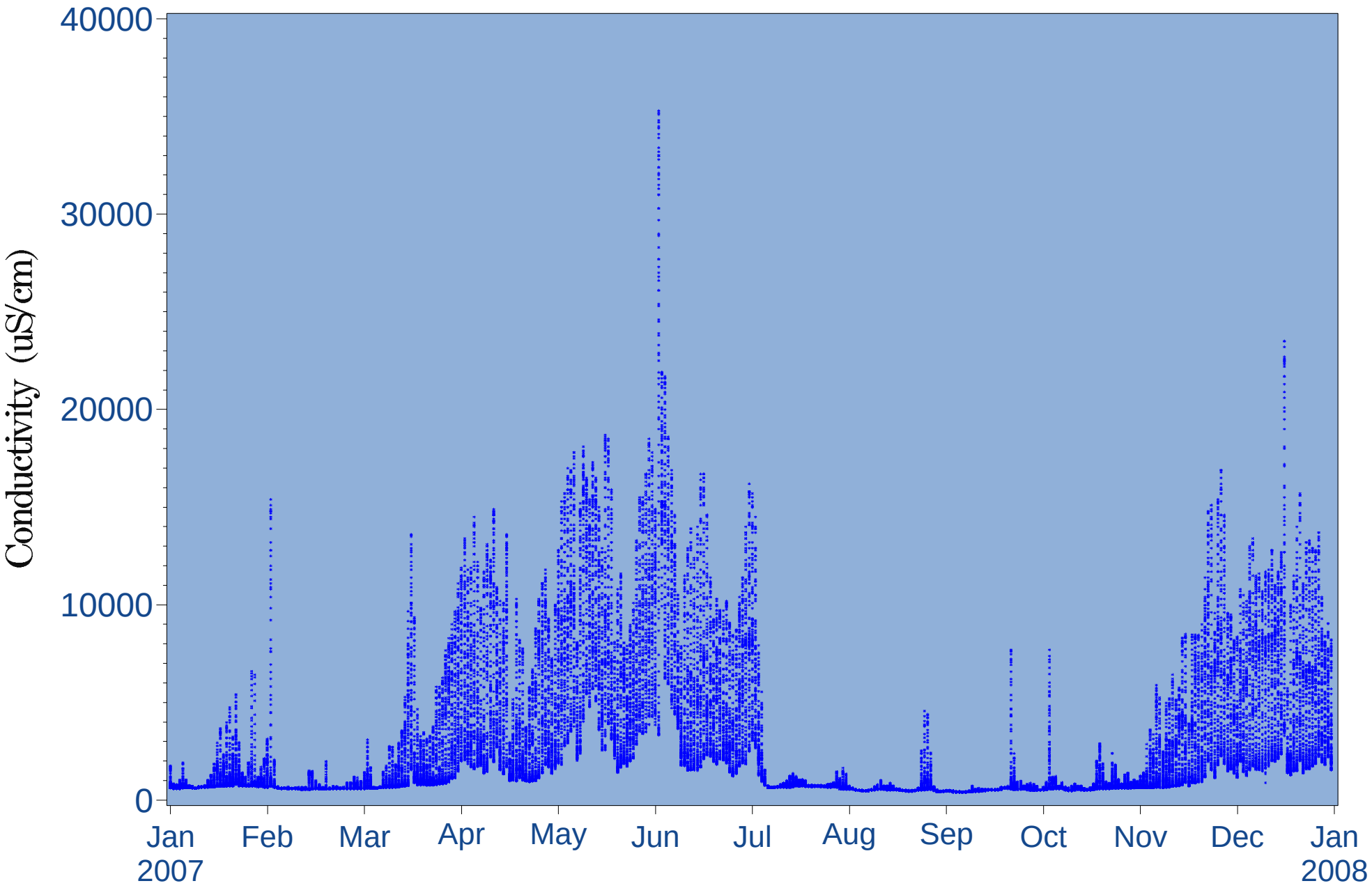


Figure 5.13 2007 Surface conductivity (15-min intervals) for Peace River fixed station at Peace River Heights - USGS gage 02297350 (River Kilometer=26.7)

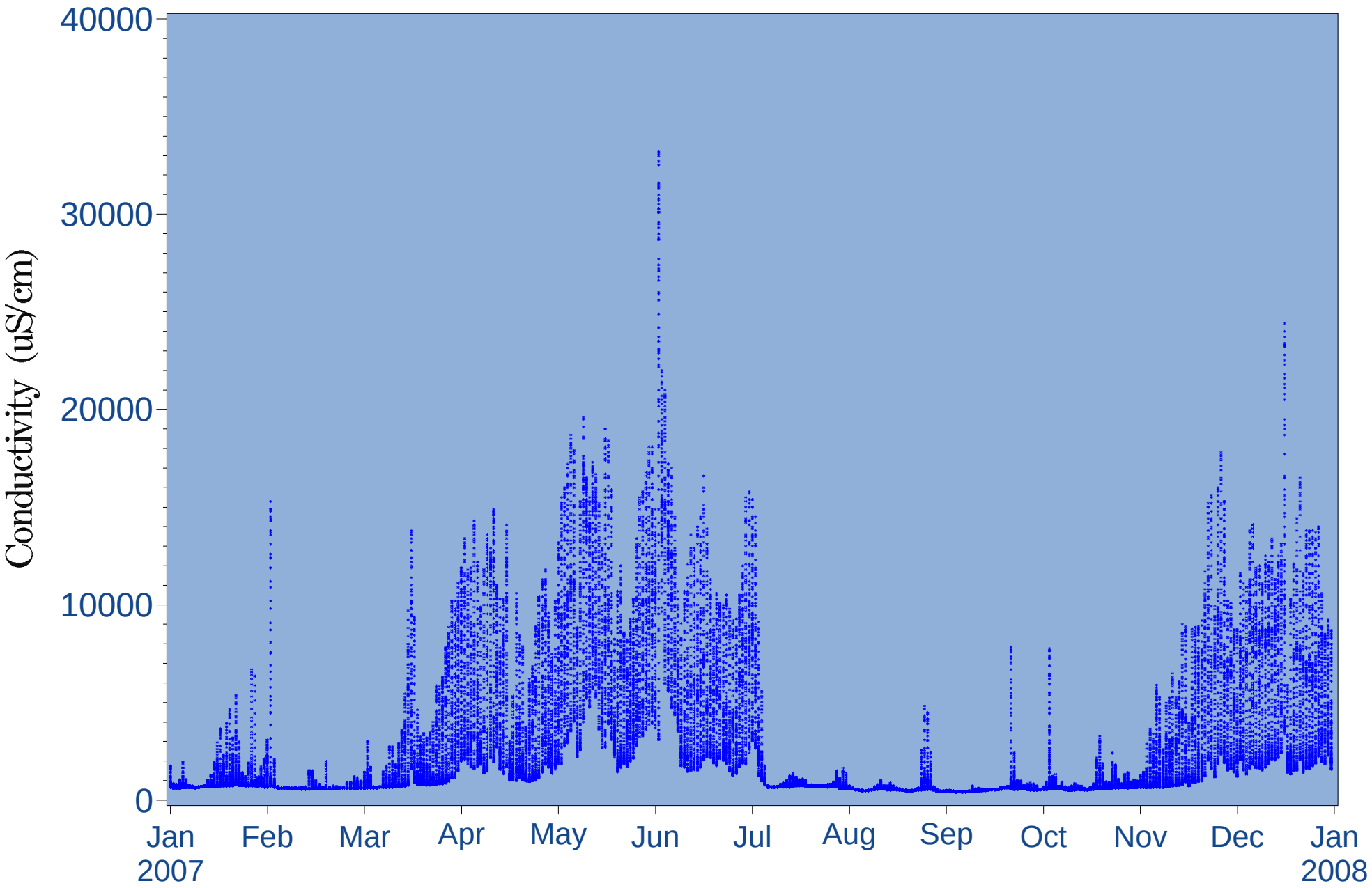


Figure 5.14 2007 Bottom conductivity (15-min intervals) for Peace River fixed station at Peace River Heights - USGS gage 02297350 (River Kilometer=26.7)

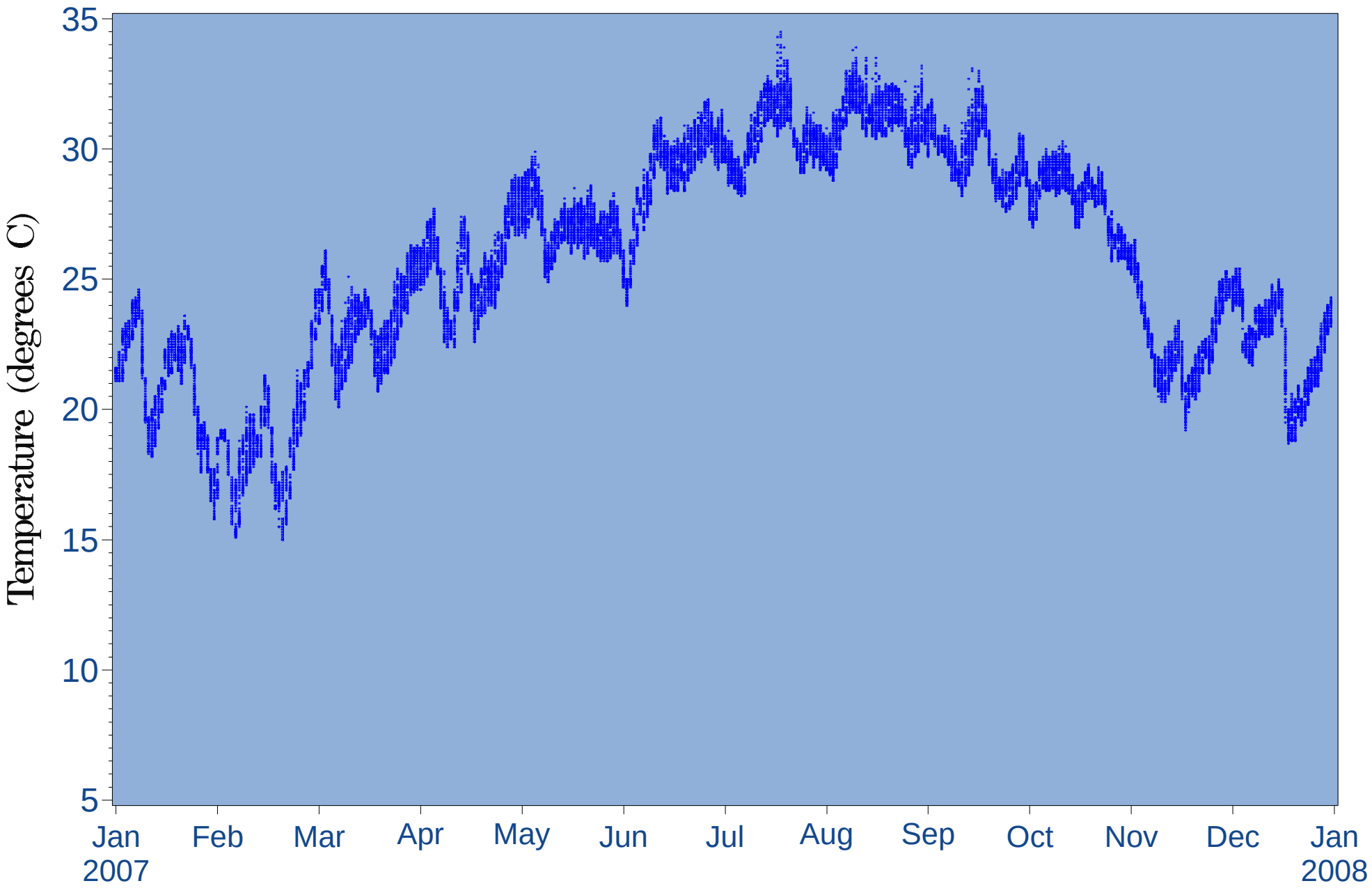


Figure 5.15 2007 Surface temperature (15-min intervals) for Peace River fixed station at Peace River Heights - USGS gage 02297350 (River Kilometer=26.7)

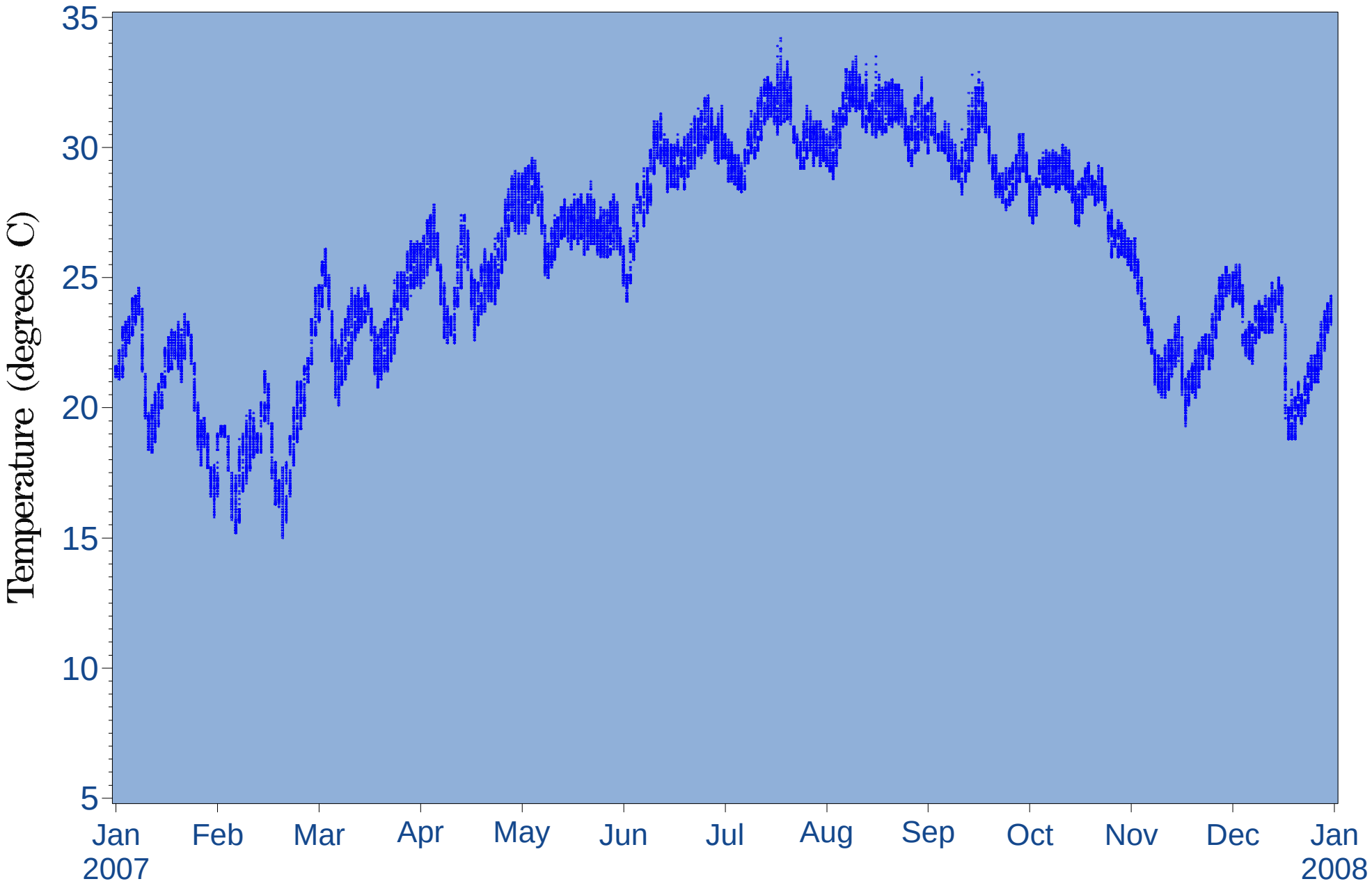


Figure 5.16 2007 Bottom temperature (15-min intervals) for Peace River fixed station at Peace River Heights - USGS gage 02297350 (River Kilometer=26.7)

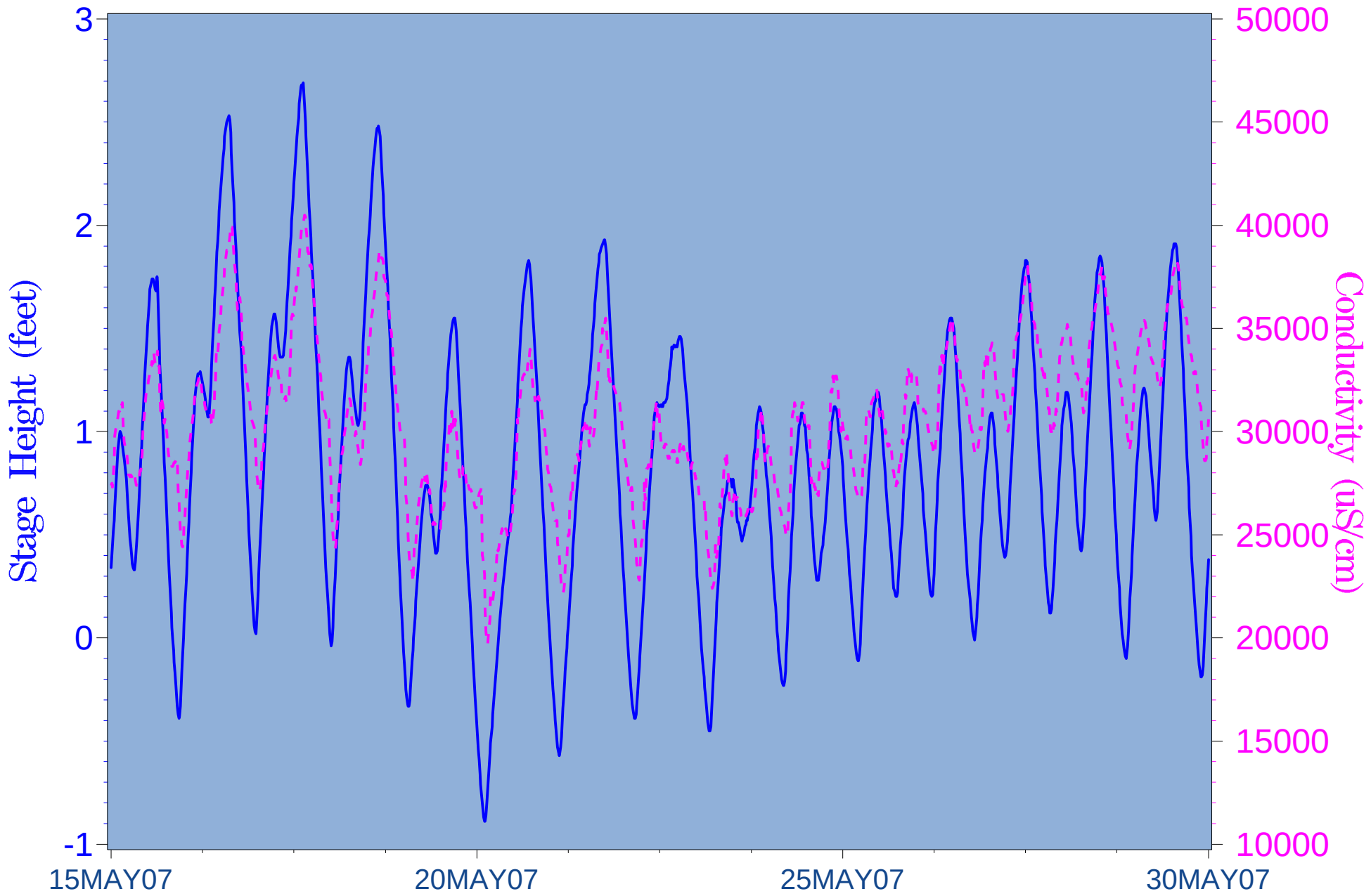


Figure 5.17 Surface conductivity and stage height in May at Harbour Heights - USGS Gage 02297460 (River Kilometer 15.5)

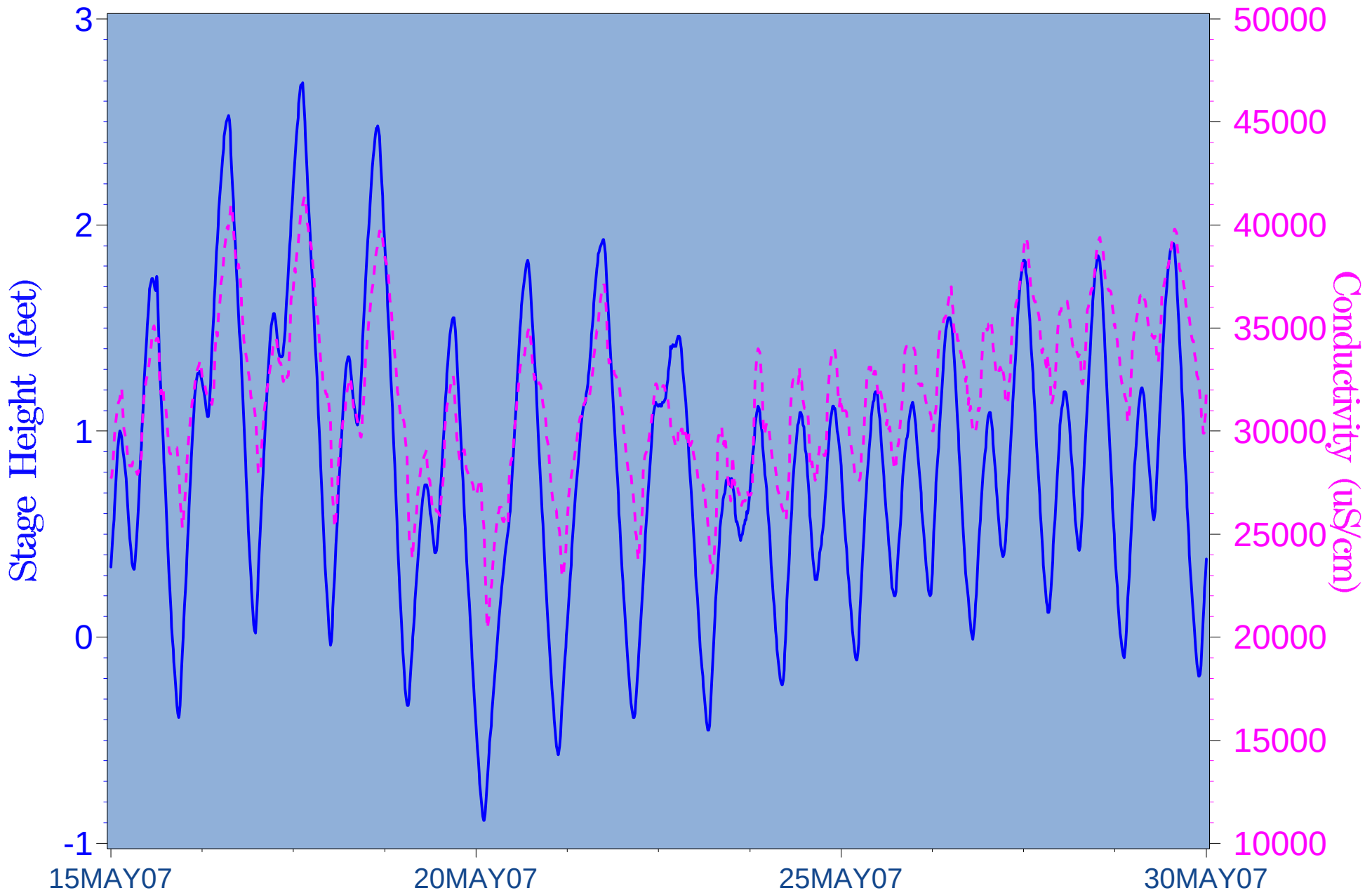


Figure 5.18 Bottom conductivity and stage height in May at Harbour Heights - USGS Gage 02297460 (River Kilometer 15.5)

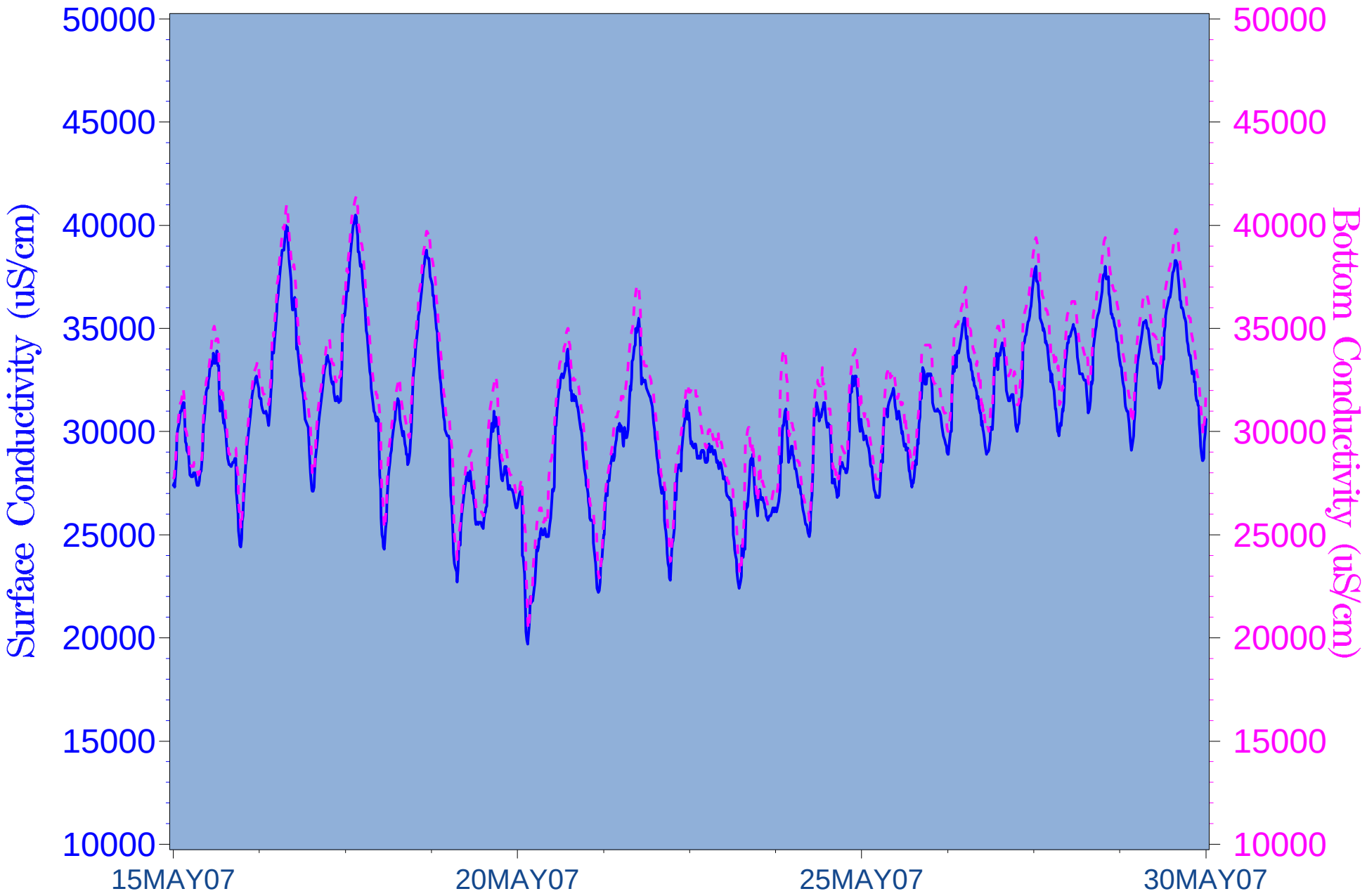


Figure 5.19 Surface & bottom conductivity in May at Harbour Heights - USGS Gage 02297460 (River Kilometer 15.5)

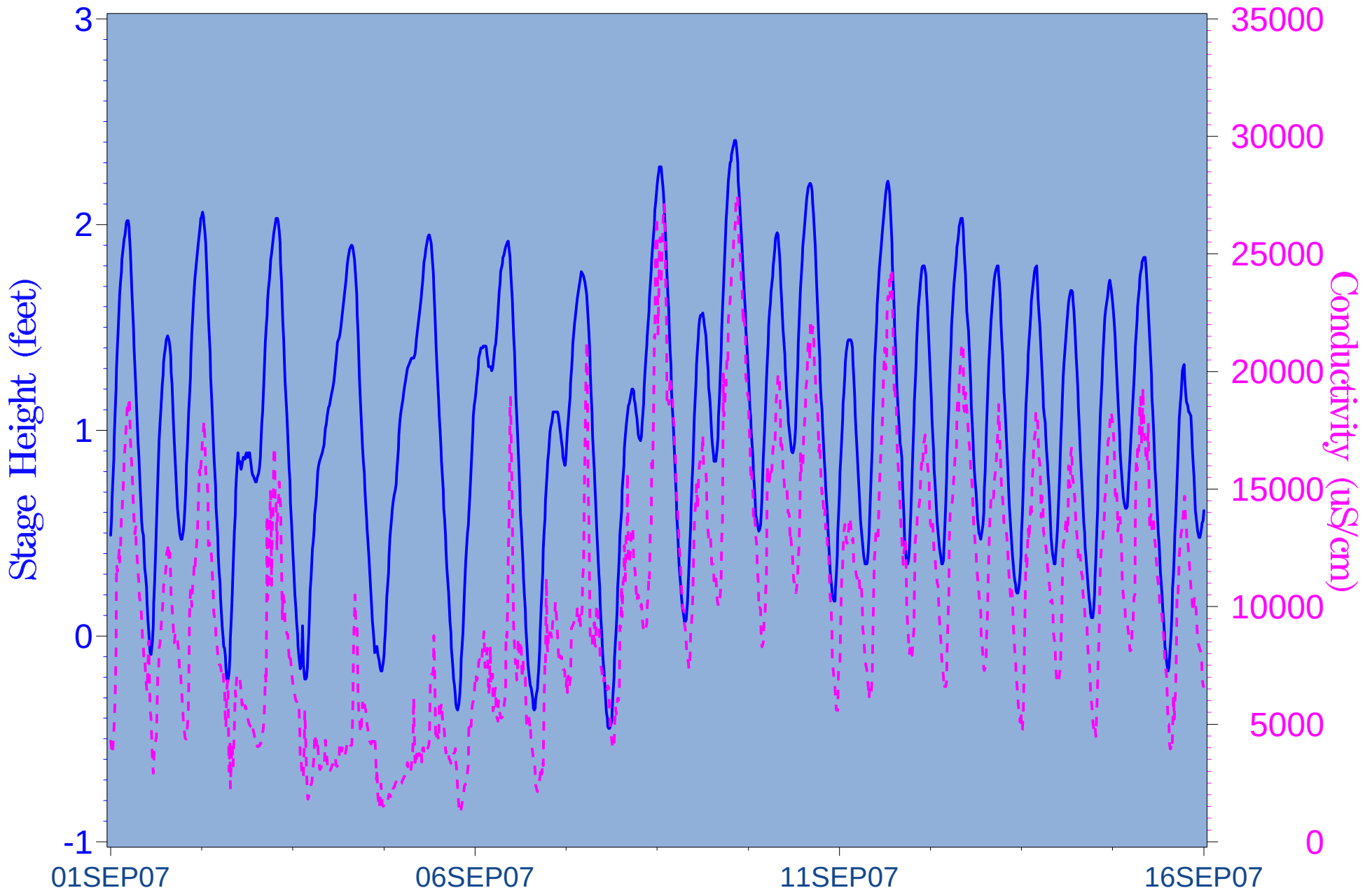


Figure 5.20 Surface conductivity and stage height in September at Harbour Heights - USGS Gage 02297460 (River Kilometer 15.5)

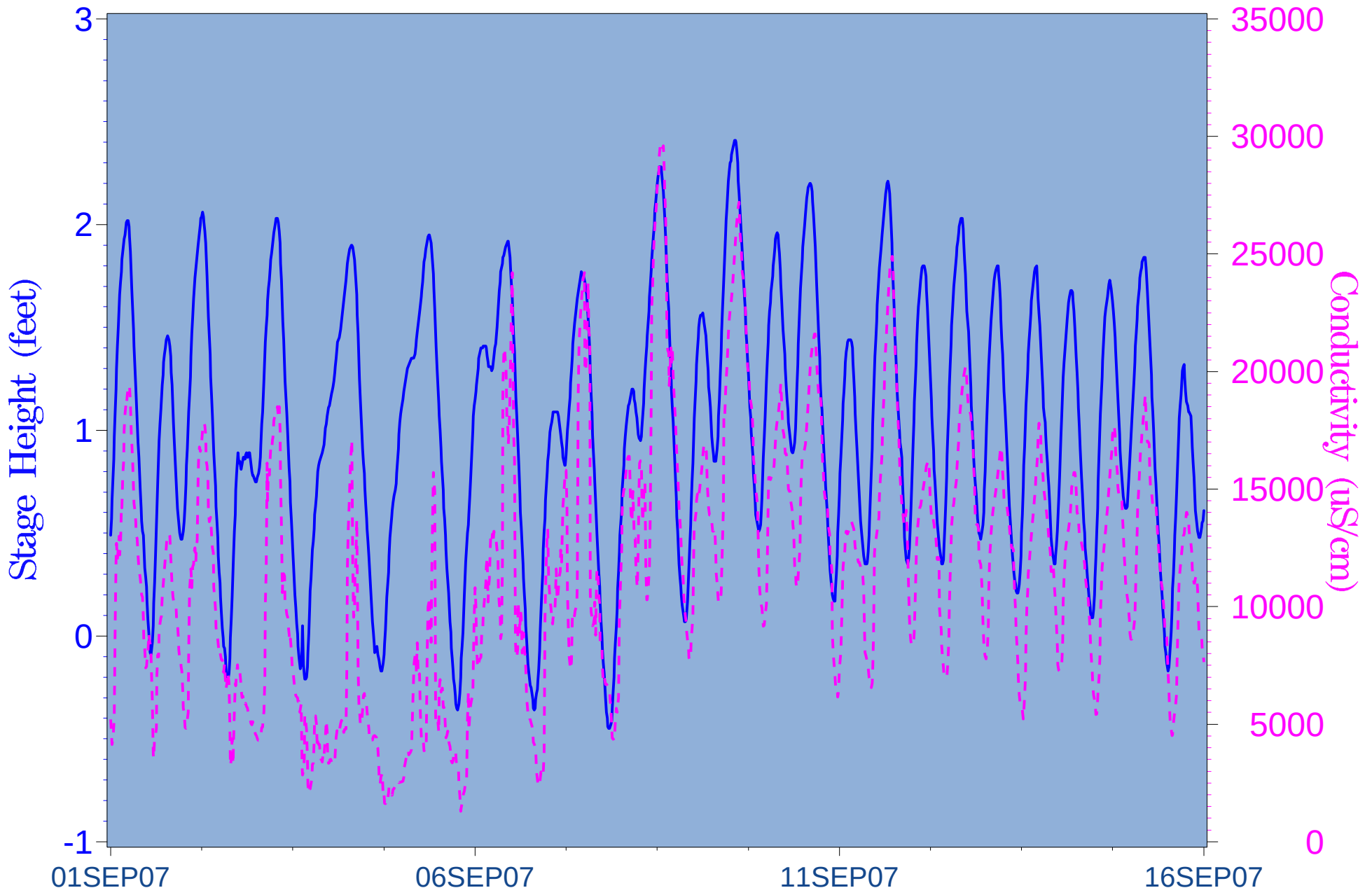


Figure 5.21 Bottom conductivity and stage height in September at Harbour Heights - USGS Gage 02297460 (River Kilometer 15.5)

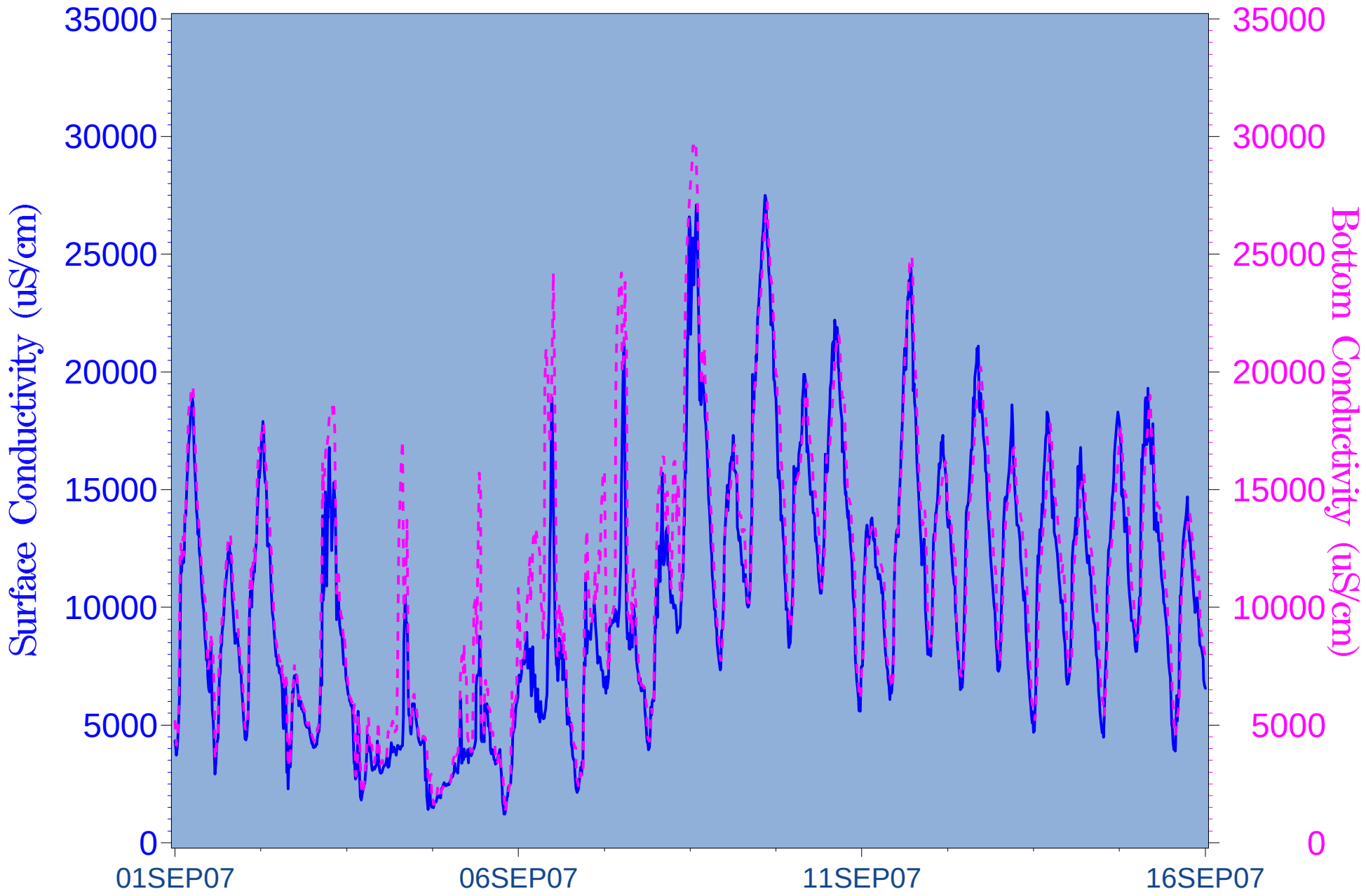


Figure 5.22 Surface and bottom conductivity in September at Harbour Heights - USGS Gage 02297460 (River Kilometer 15.5)

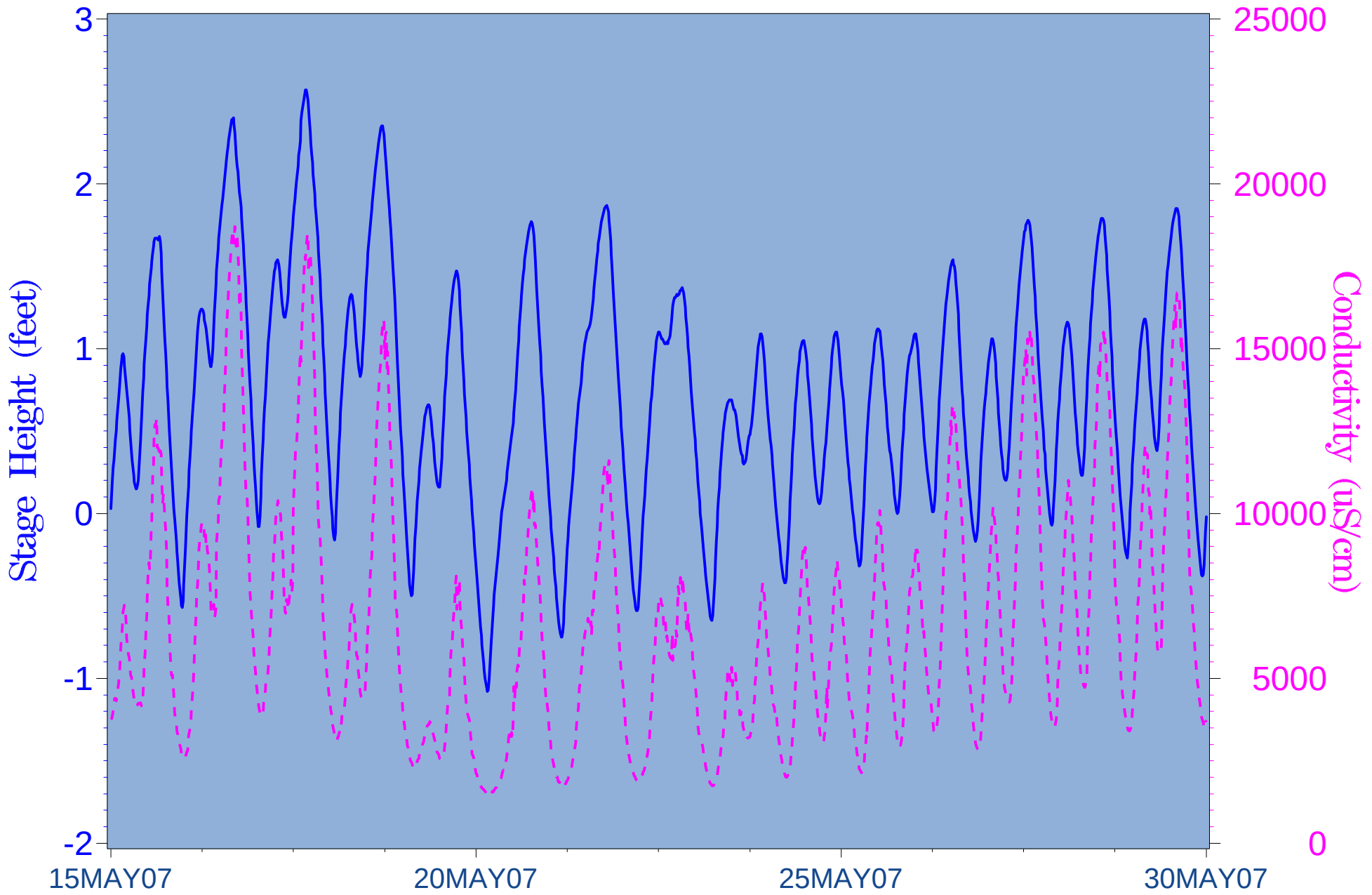


Figure 5.23 Surface conductivity and stage height in May - USGS Gage 02297350 (River Kilometer 26.7)

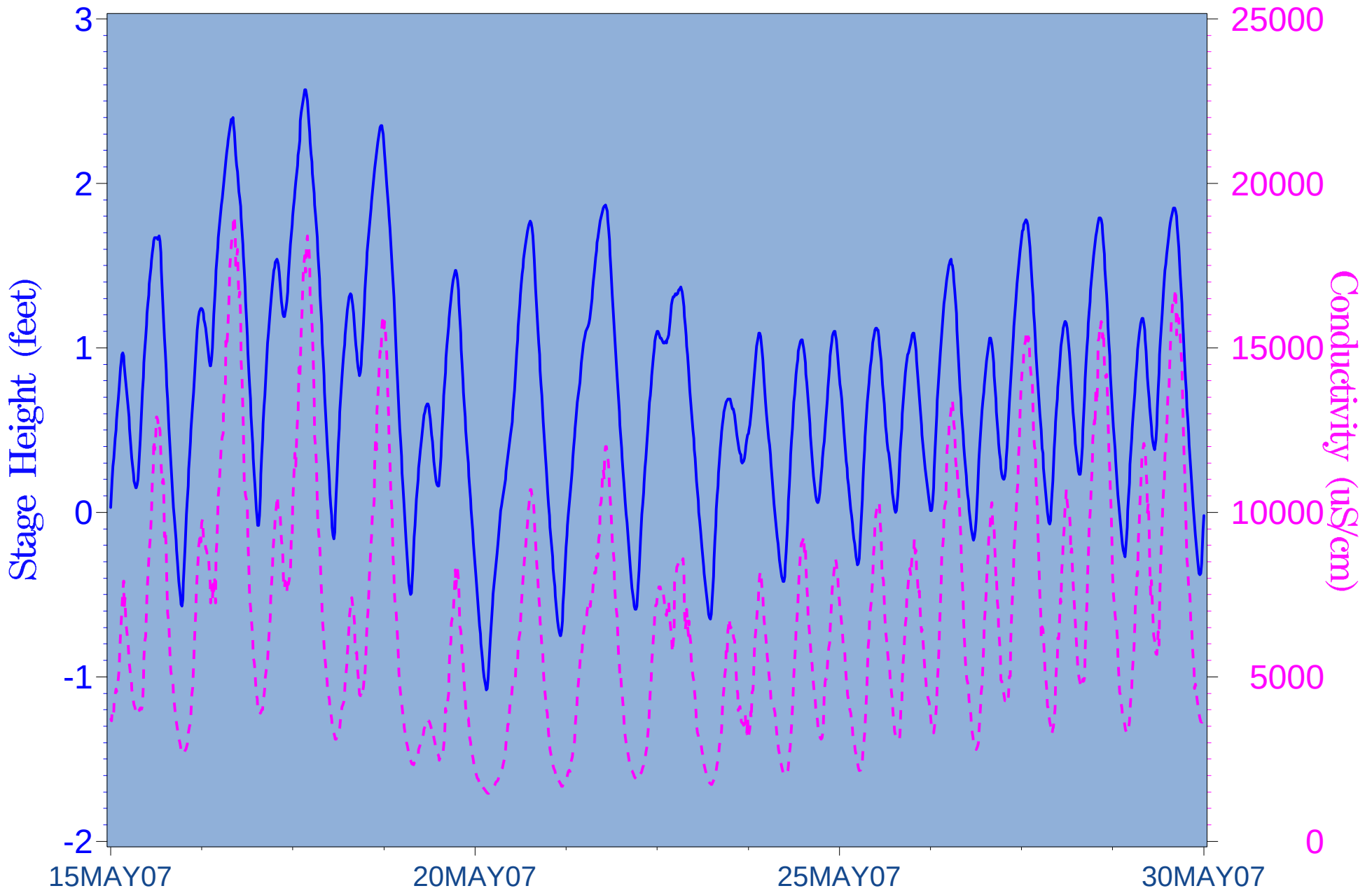


Figure 5.24 Bottom conductivity and stage height in May - USGS Gage 02297350 (River Kilometer 26.7)

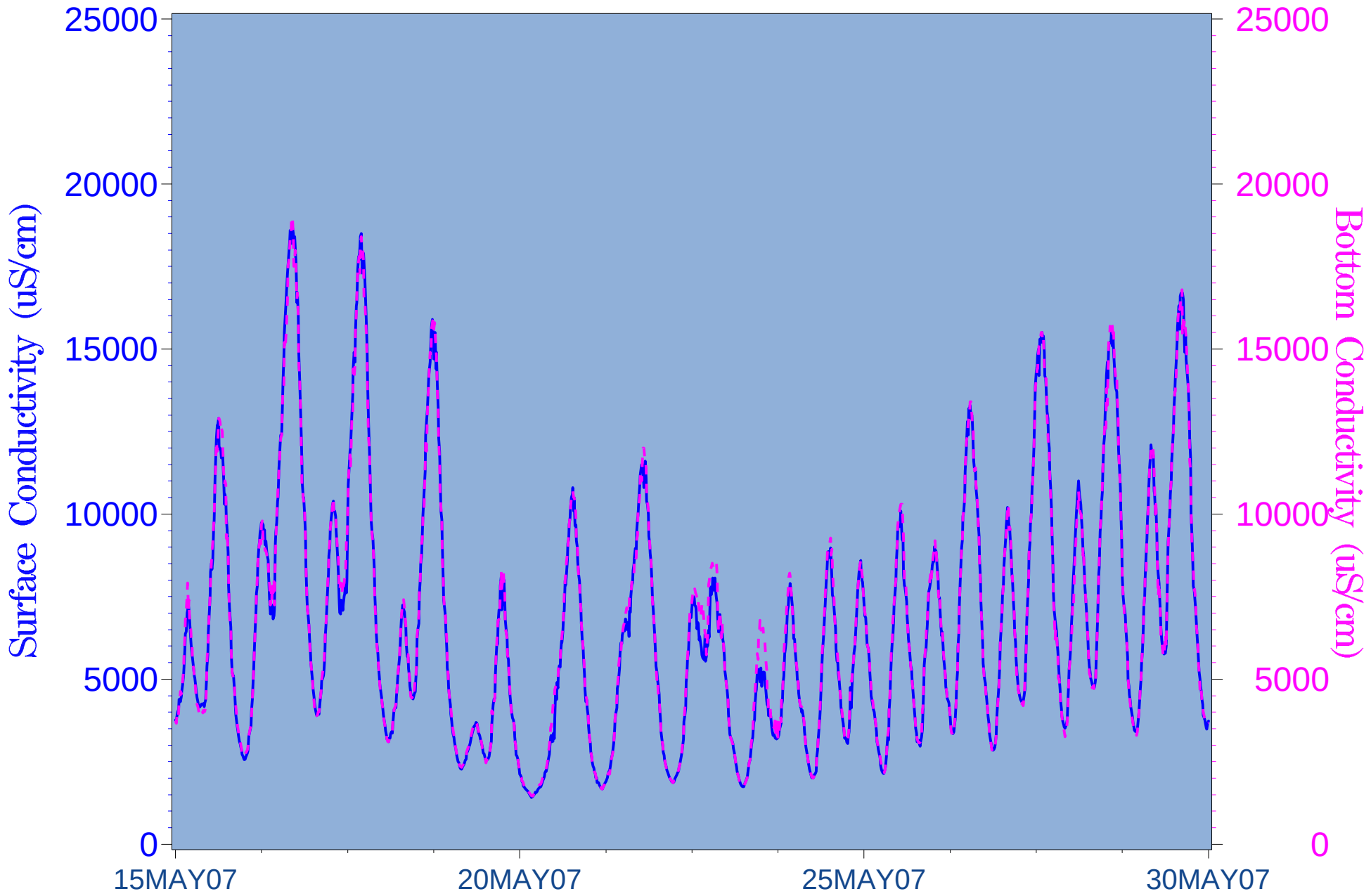


Figure 5.25 Surface and bottom conductivity in May - USGS Gage 02297350 (River Kilometer 26.7)

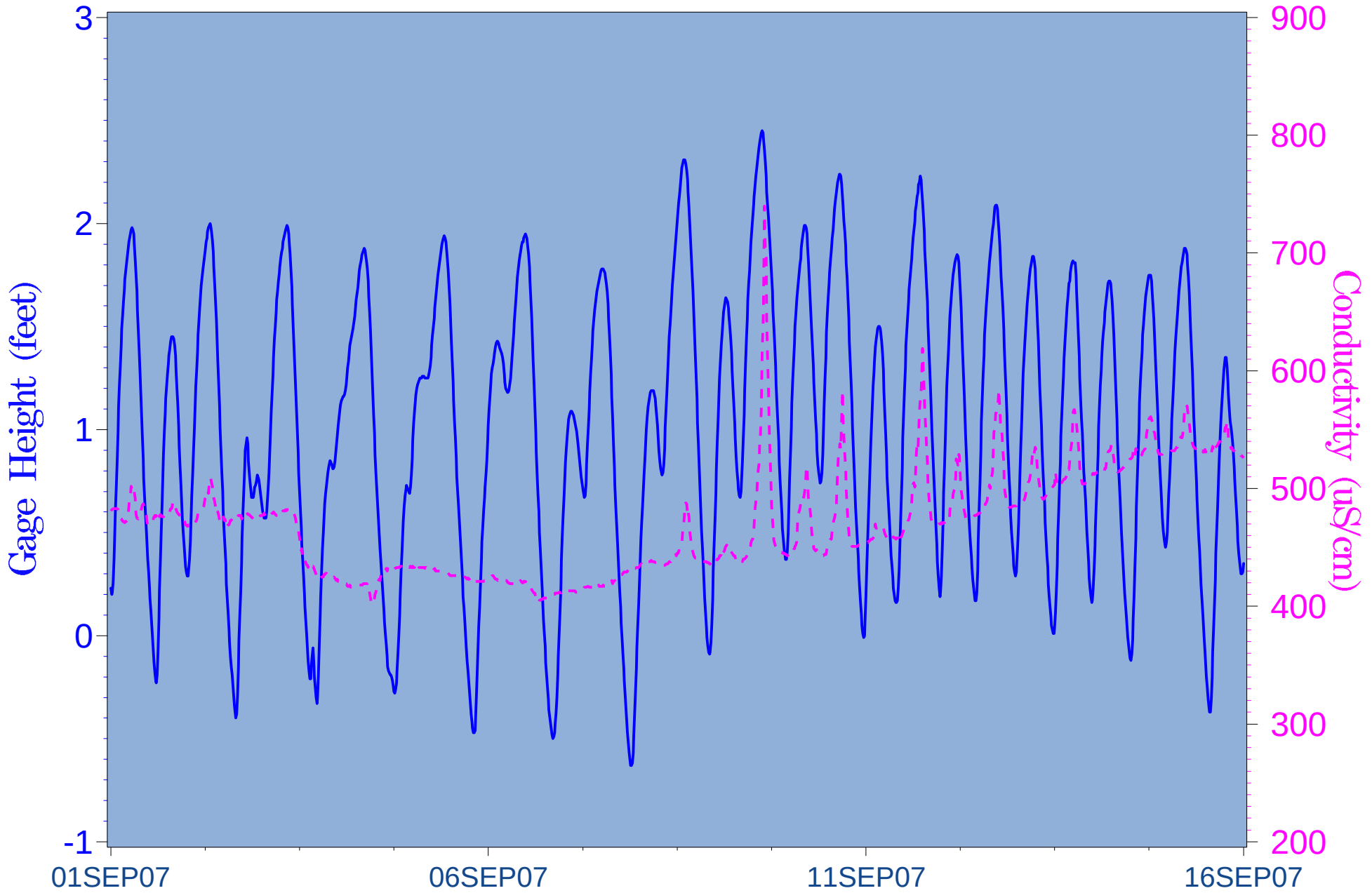


Figure 5.26 Surface conductivity and stage height in September - USGS Gage 02297350 (River Kilometer 26.7)

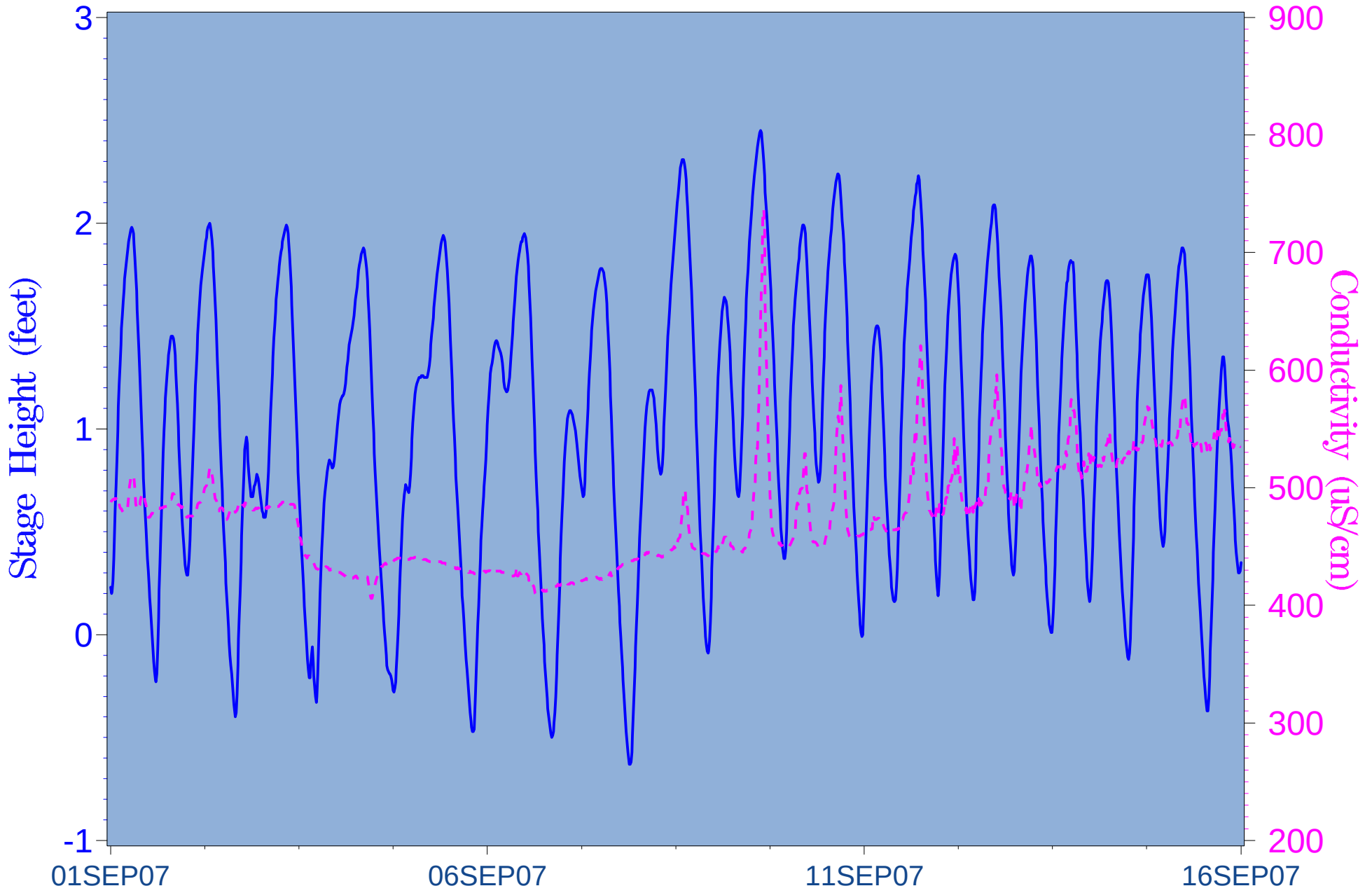


Figure 5.27 Bottom conductivity and stage height in September - USGS Gage 02297350 (River Kilometer 26.7)

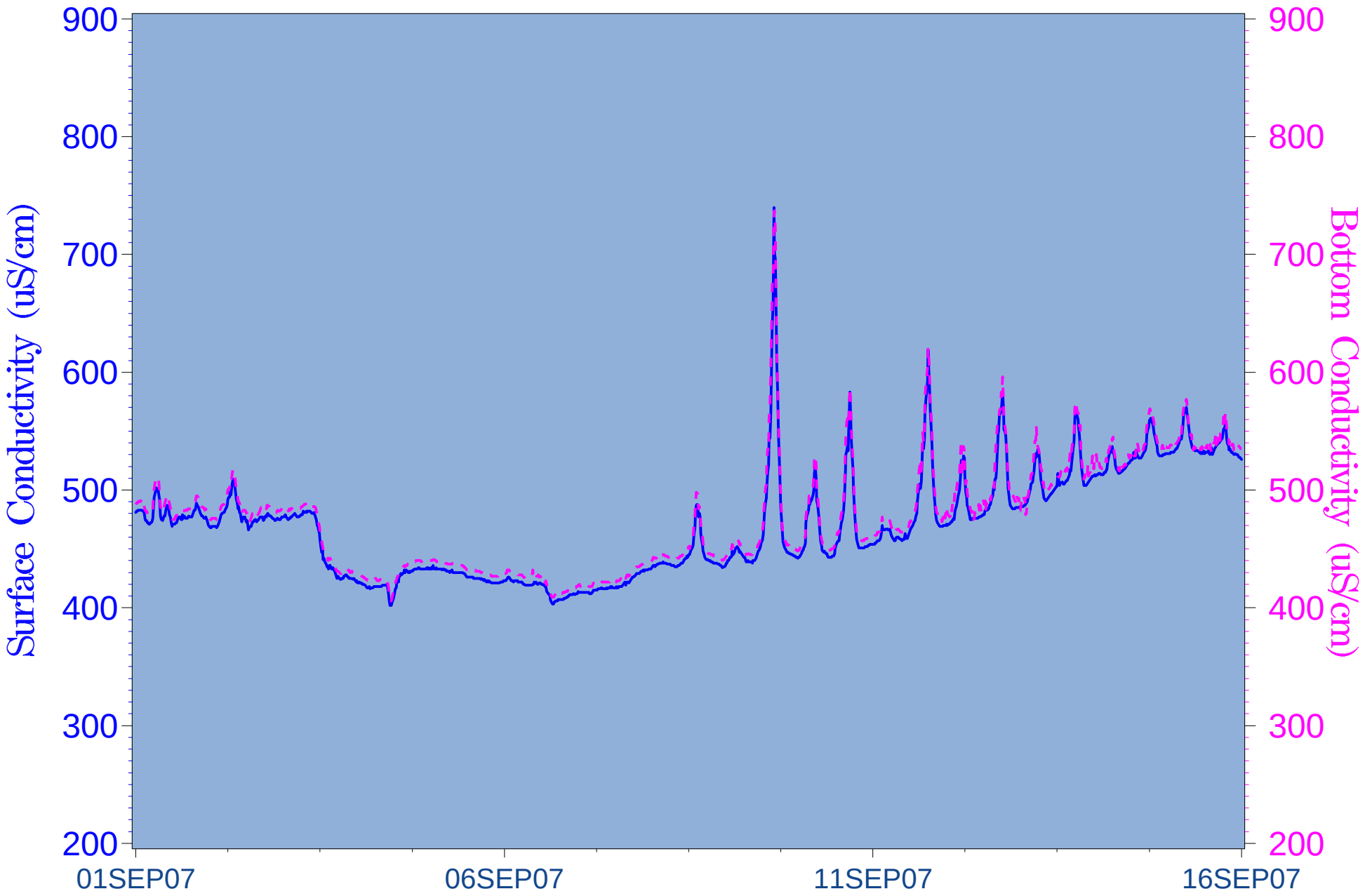


Figure 5.28 Surface and bottom conductivity in September - USGS Gage 02297350 (River Kilometer 26.7)

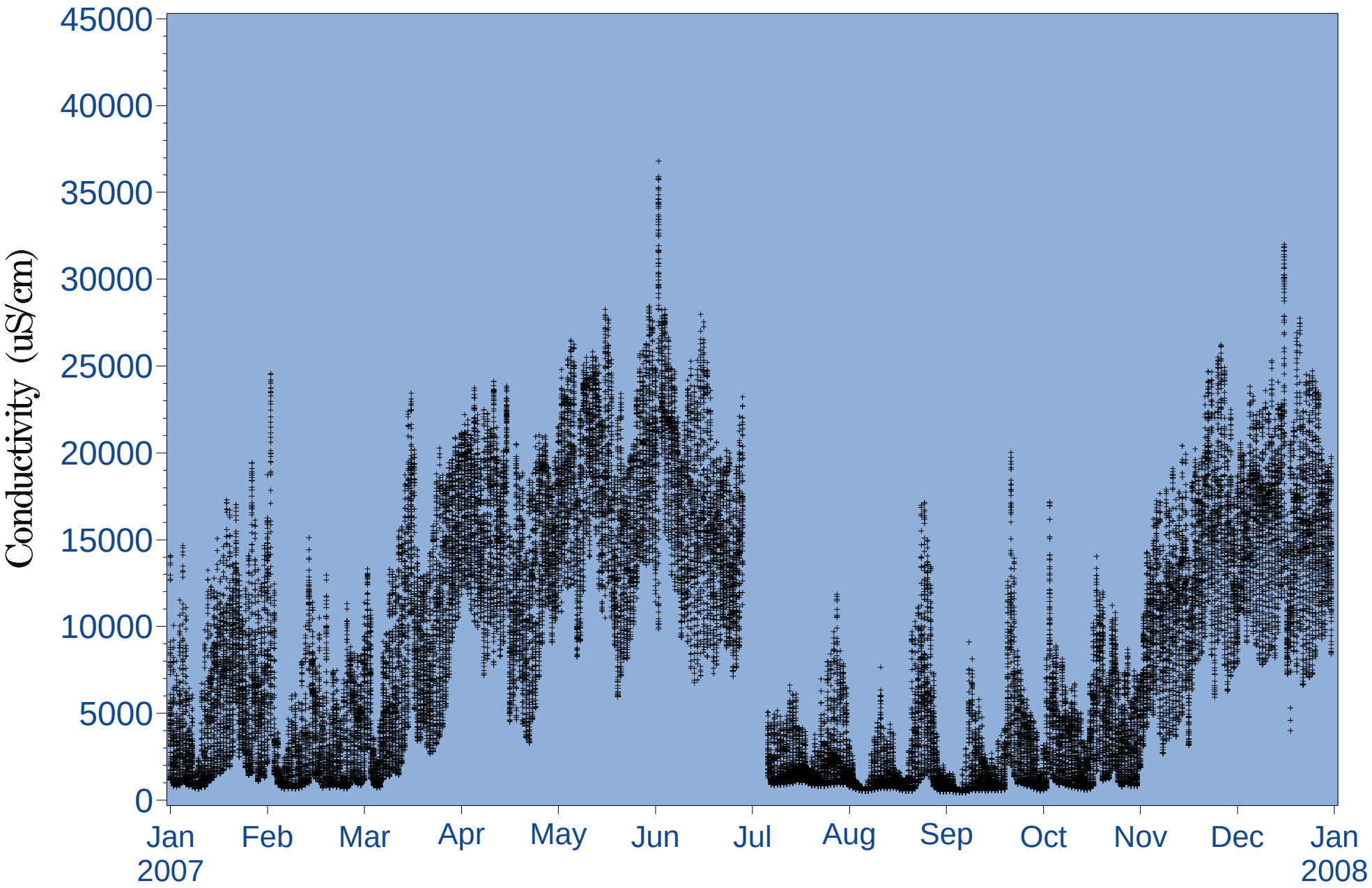


Figure 5.29 2007 Surface conductivity (15-min intervals) for Peace River fixed station Manatee Marker - River Kilometer = 21.9

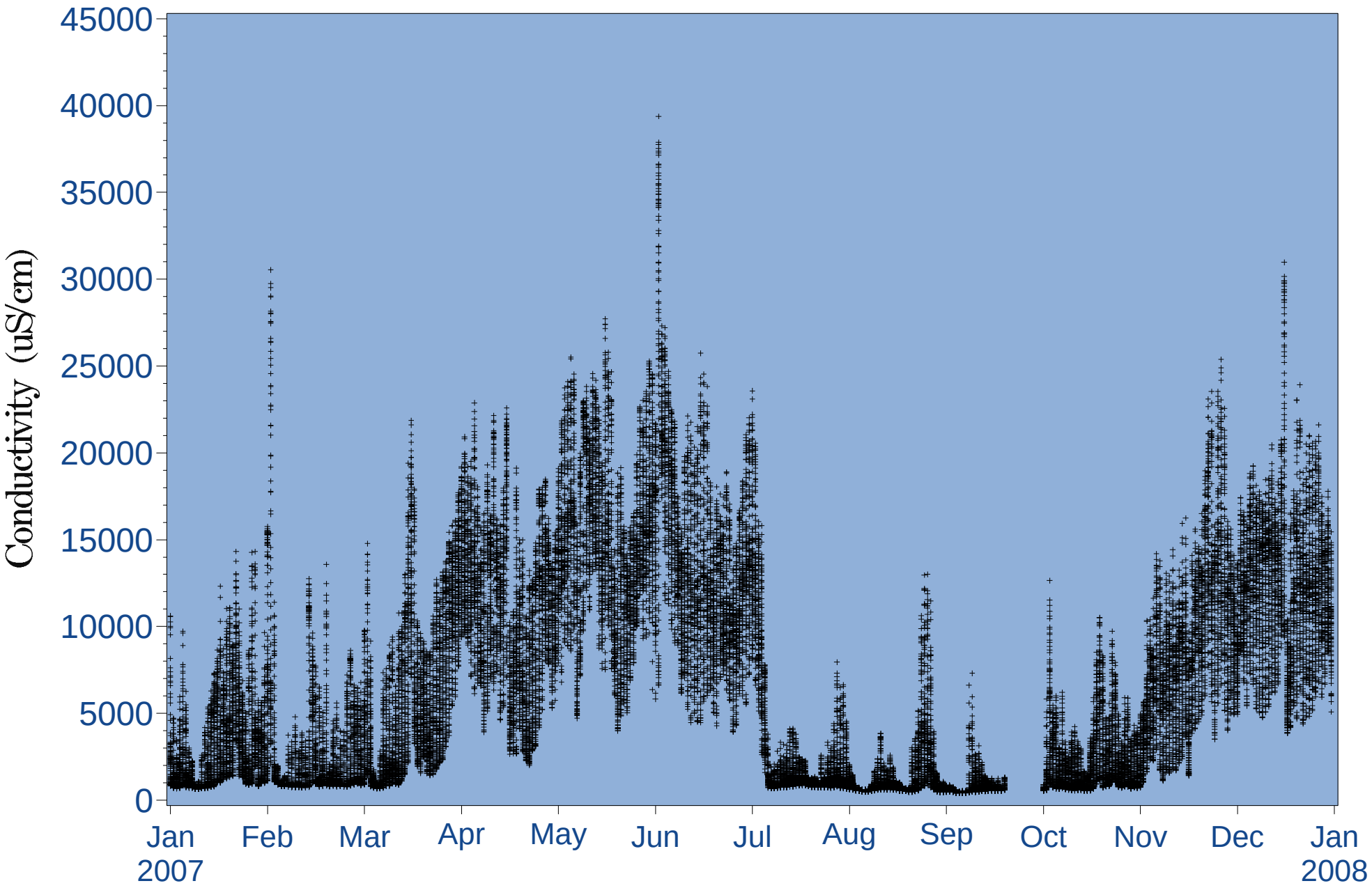


Figure 5.30 2007 Surface conductivity (15-min intervals) for Peace River fixed station Manatee Marker - River Kilometer = 23.4

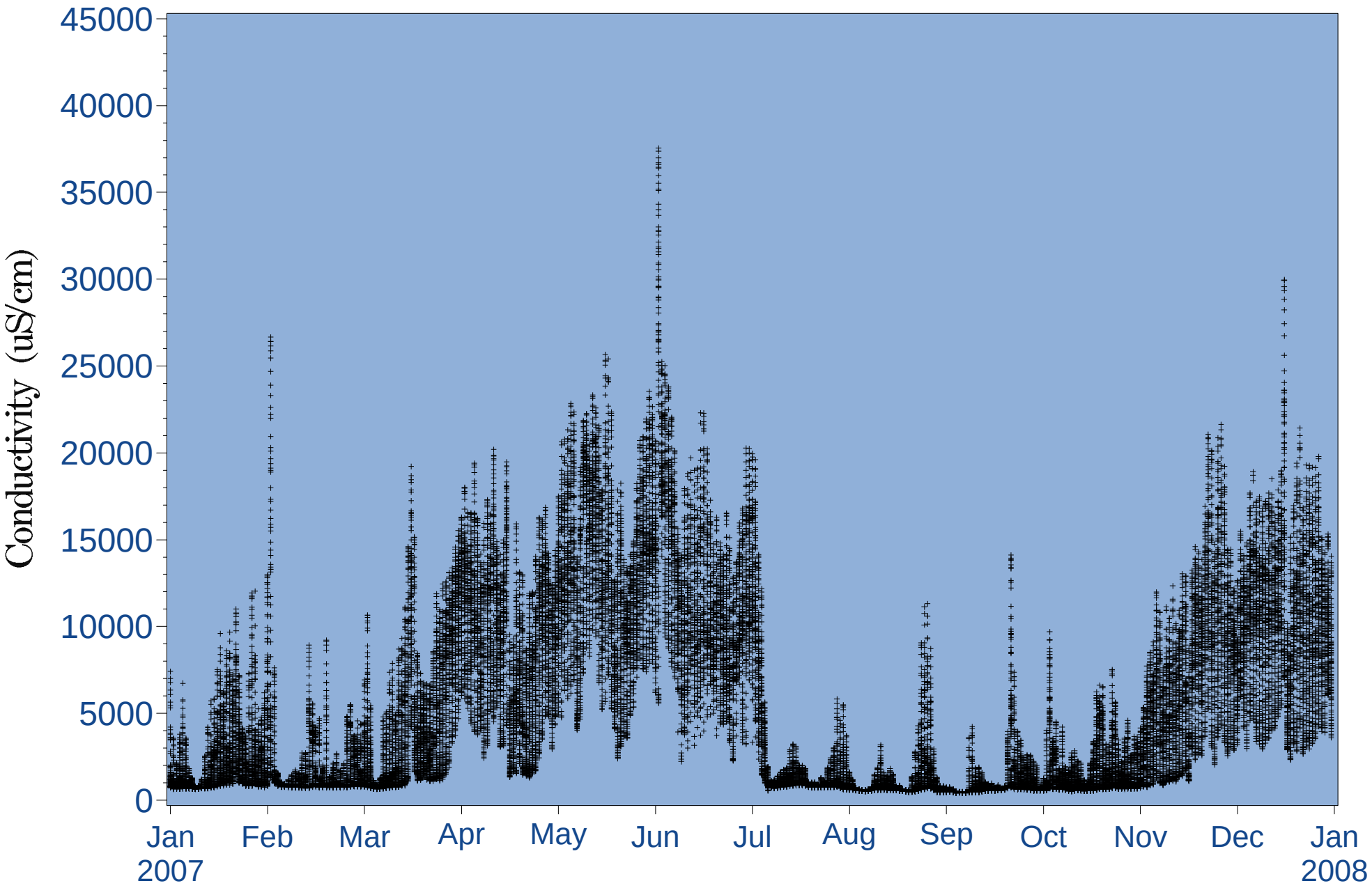


Figure 5.31 2007 Surface conductivity (15-min intervals) for Peace River fixed station Manatee Marker - River Kilometer = 24.5

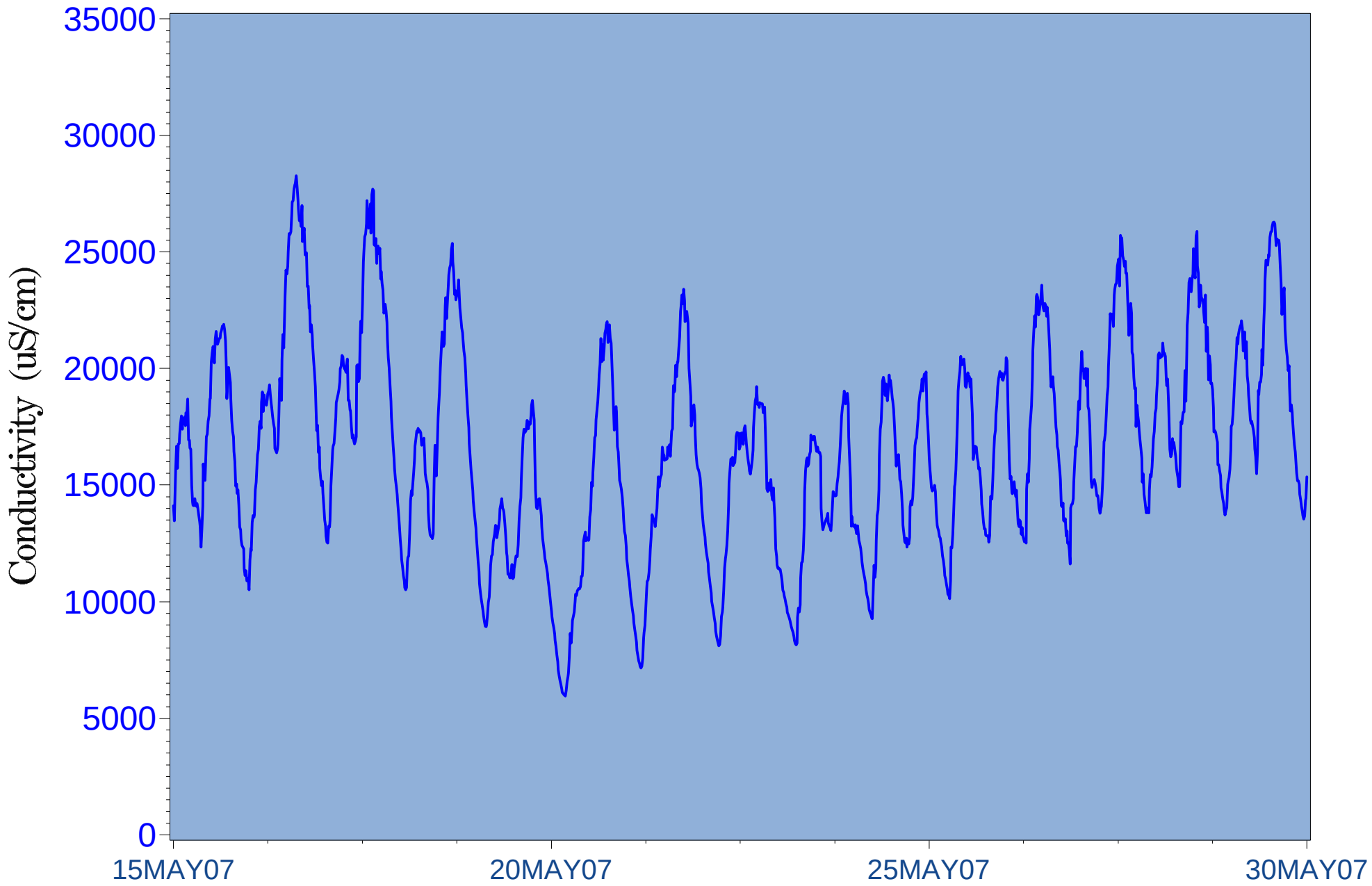


Figure 5.32 May 2007 15-minute surface conductivities
Manatee Marker - River Kilometer = 21.9

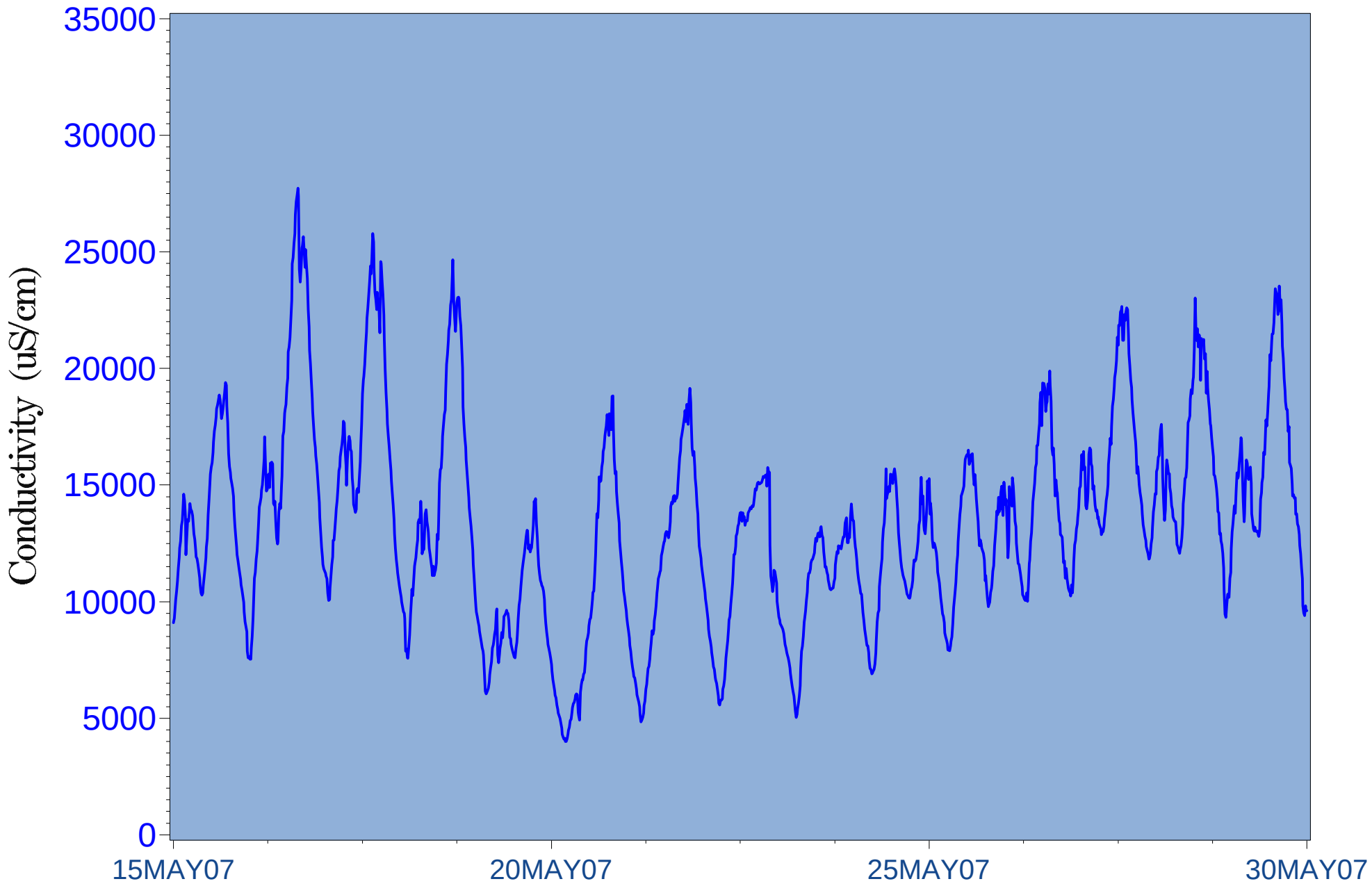


Figure 5.33 May 2007 15-minute surface conductivities
Manatee Marker - River Kilometer = 23.4

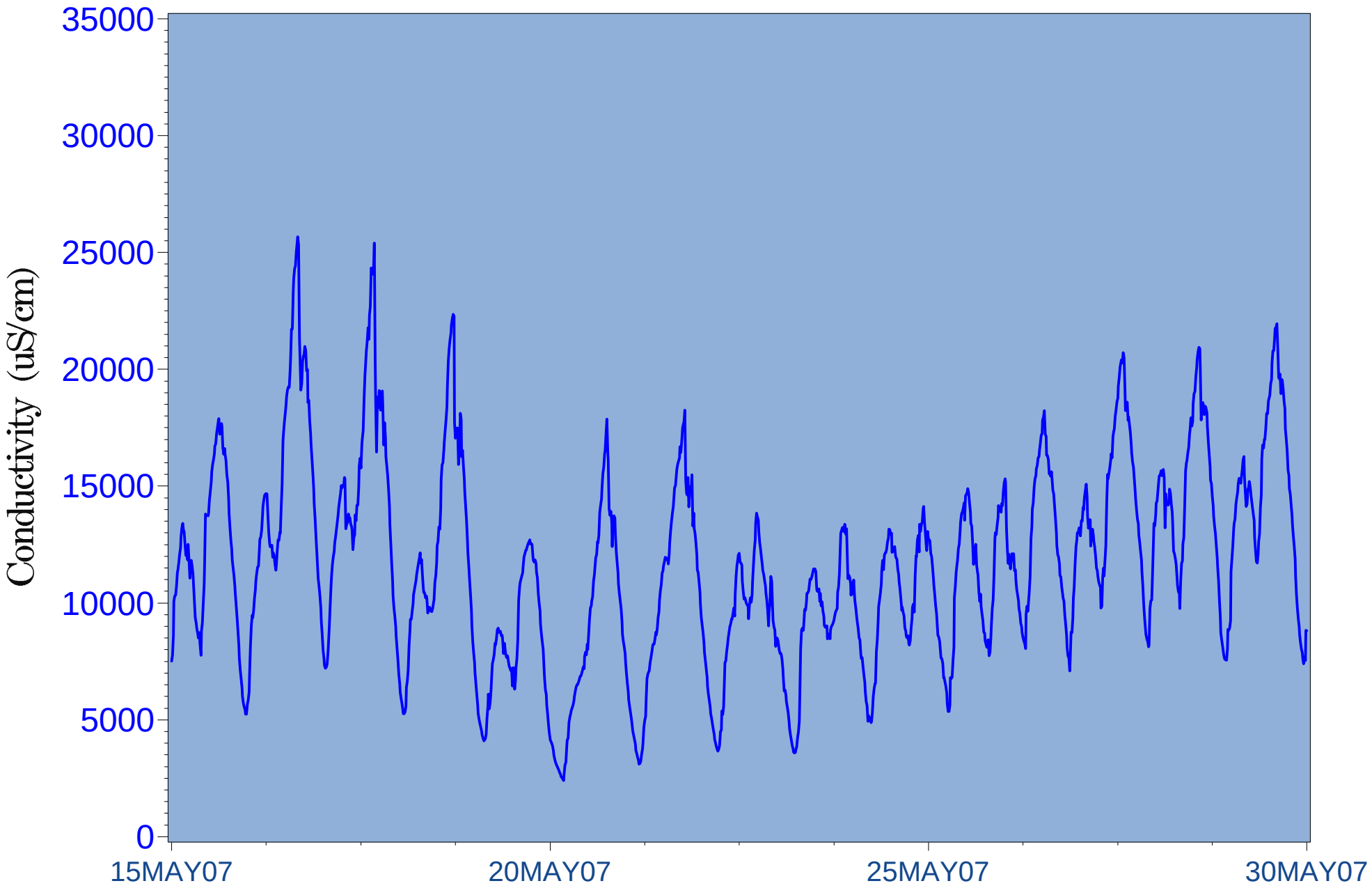


Figure 5.34 May 2007 15-minute surface conductivities
Manatee Marker - River Kilometer = 21.9

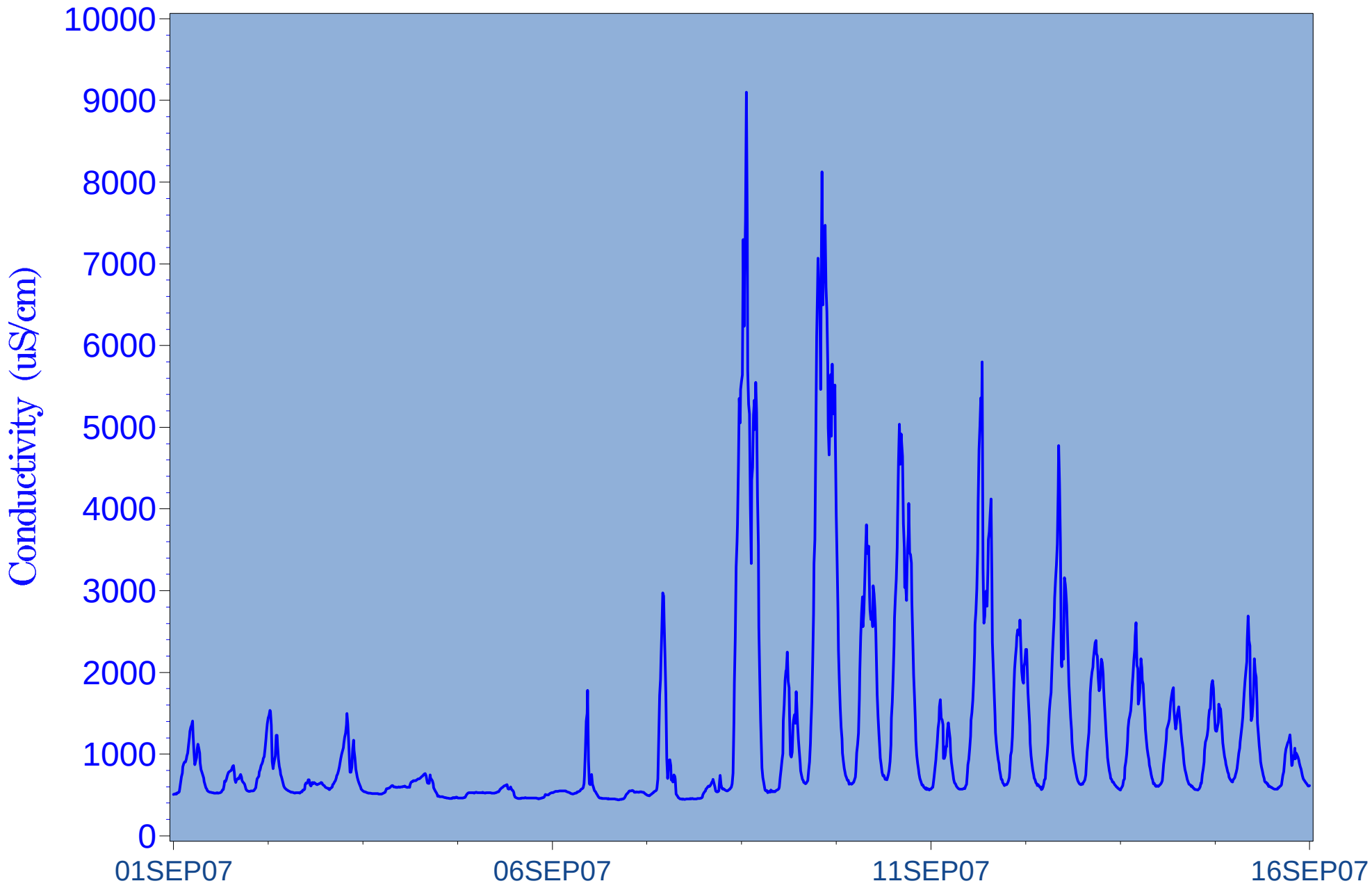


Figure 5.35 September 2007 15-minute surface conductivities
Manatee Marker - River Kilometer = 21.9

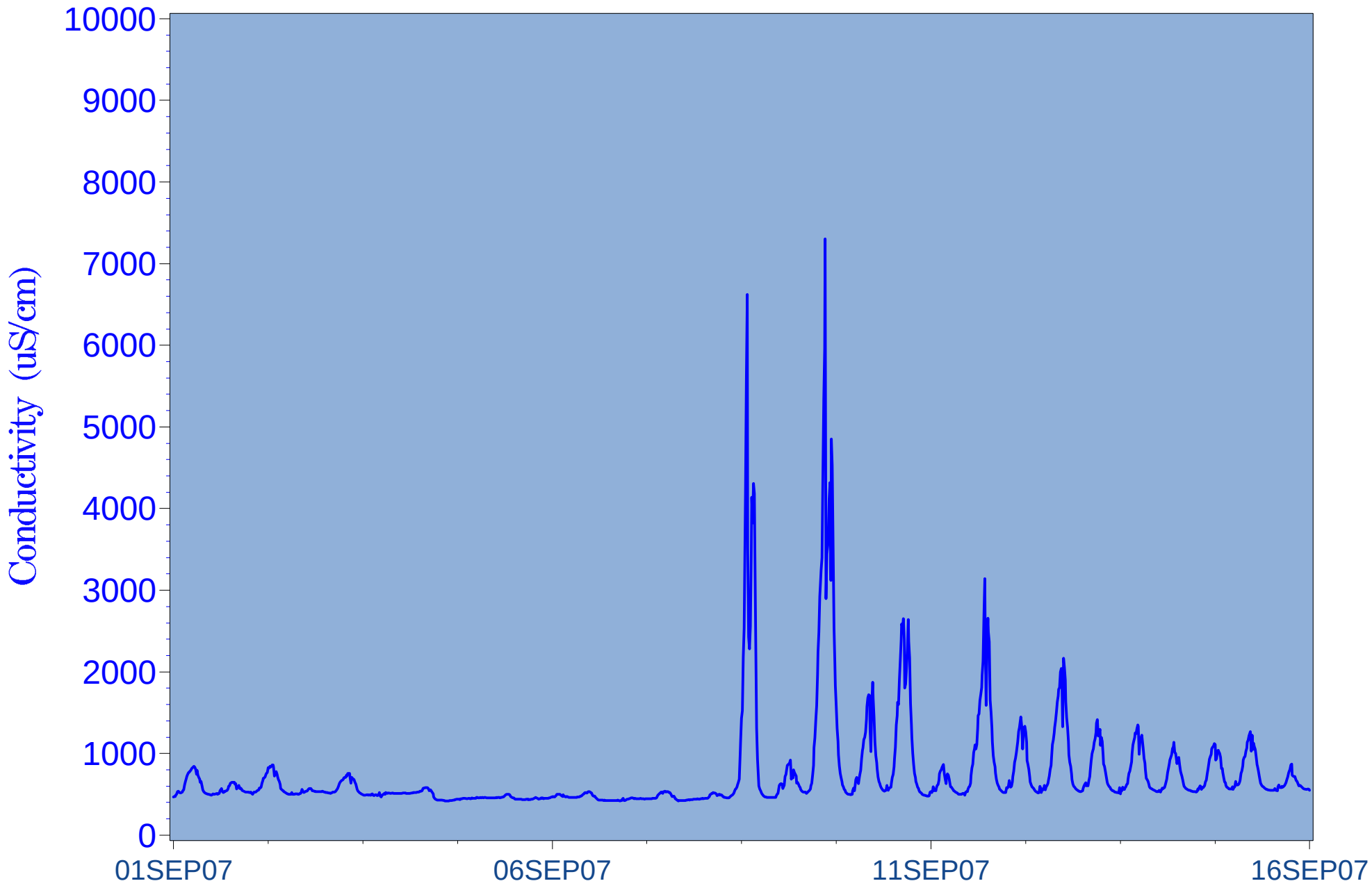


Figure 5.36 September 2007 15-minute surface conductivities
Manatee Marker - River Kilometer = 23.4

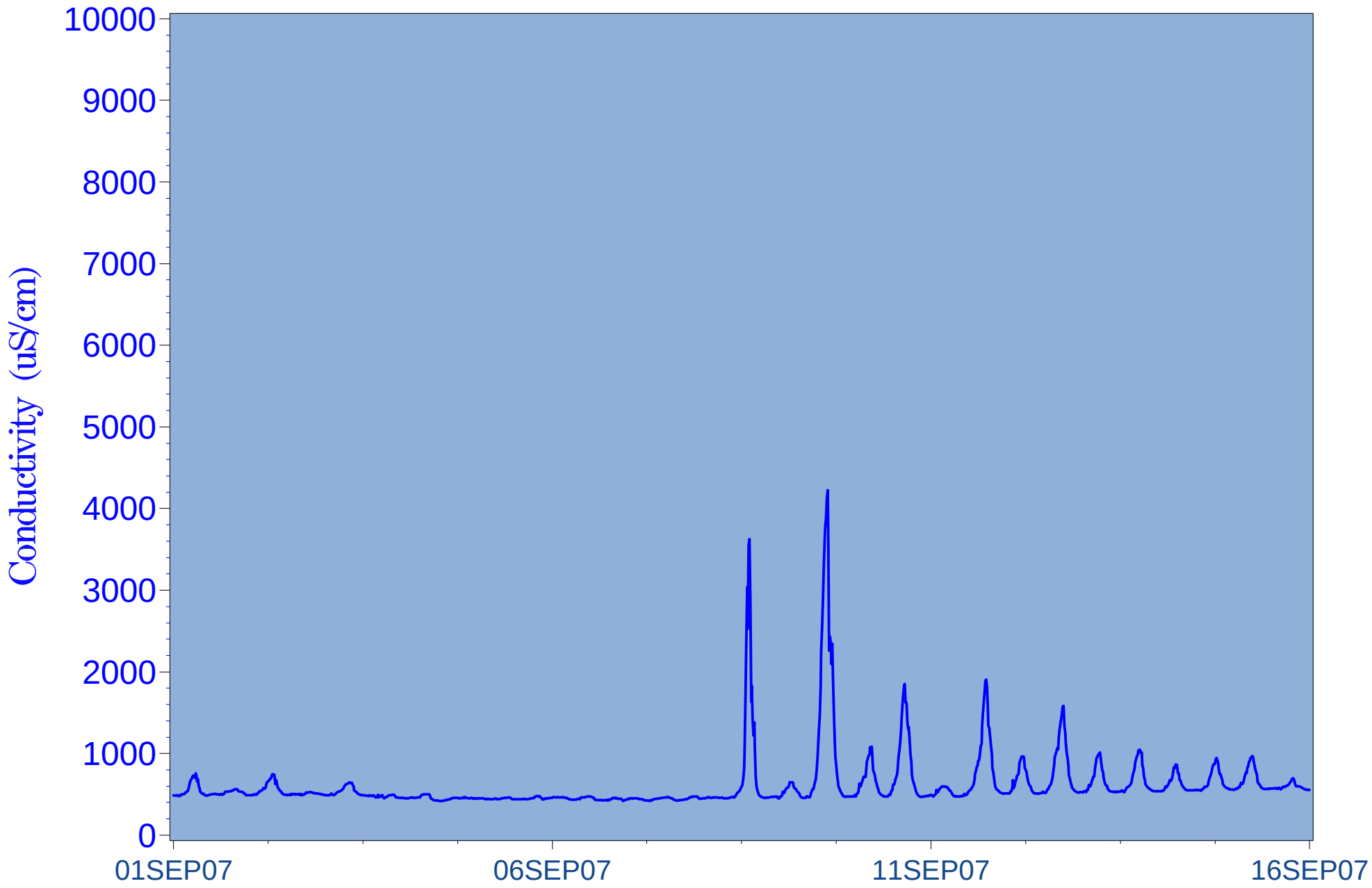


Figure 5.37 September 2007 15-minute surface conductivities
Manatee Marker - River Kilometer = 24.5

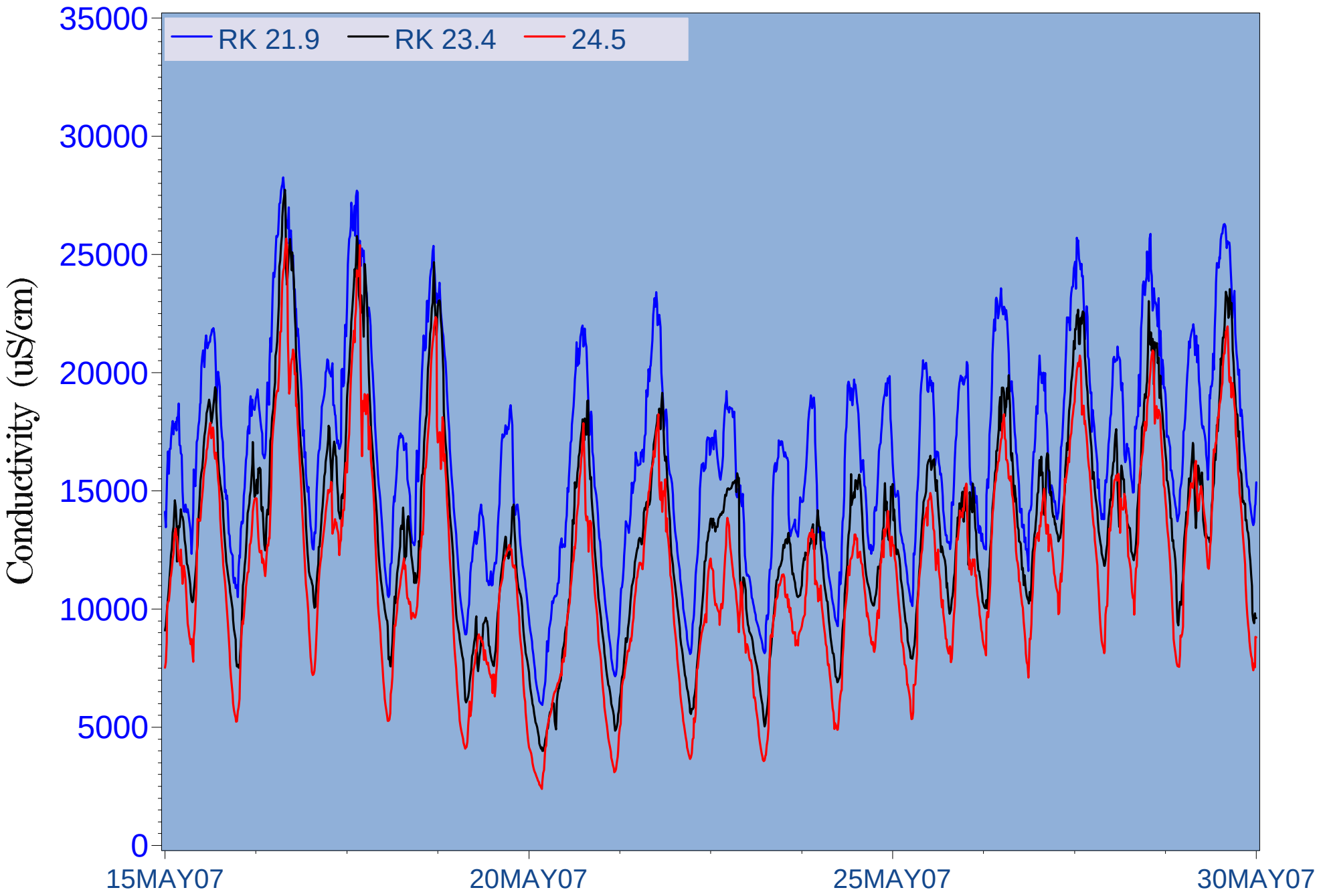


Figure 5.38 May 2007 15-minute surface conductivities at HBMP continuous recorders

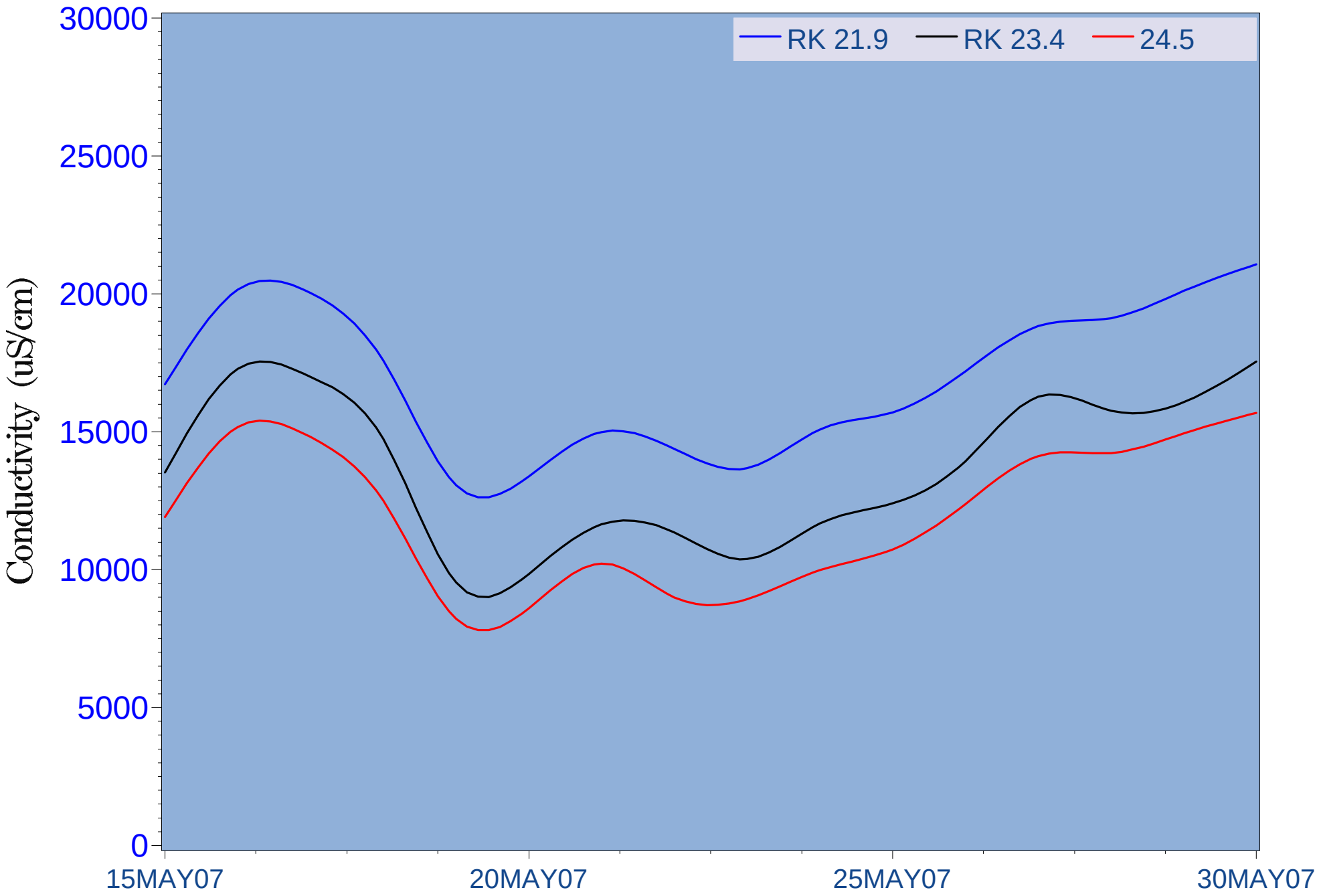


Figure 5.39 May 2007 daily mean surface conductivities at HBMP continuous recorders

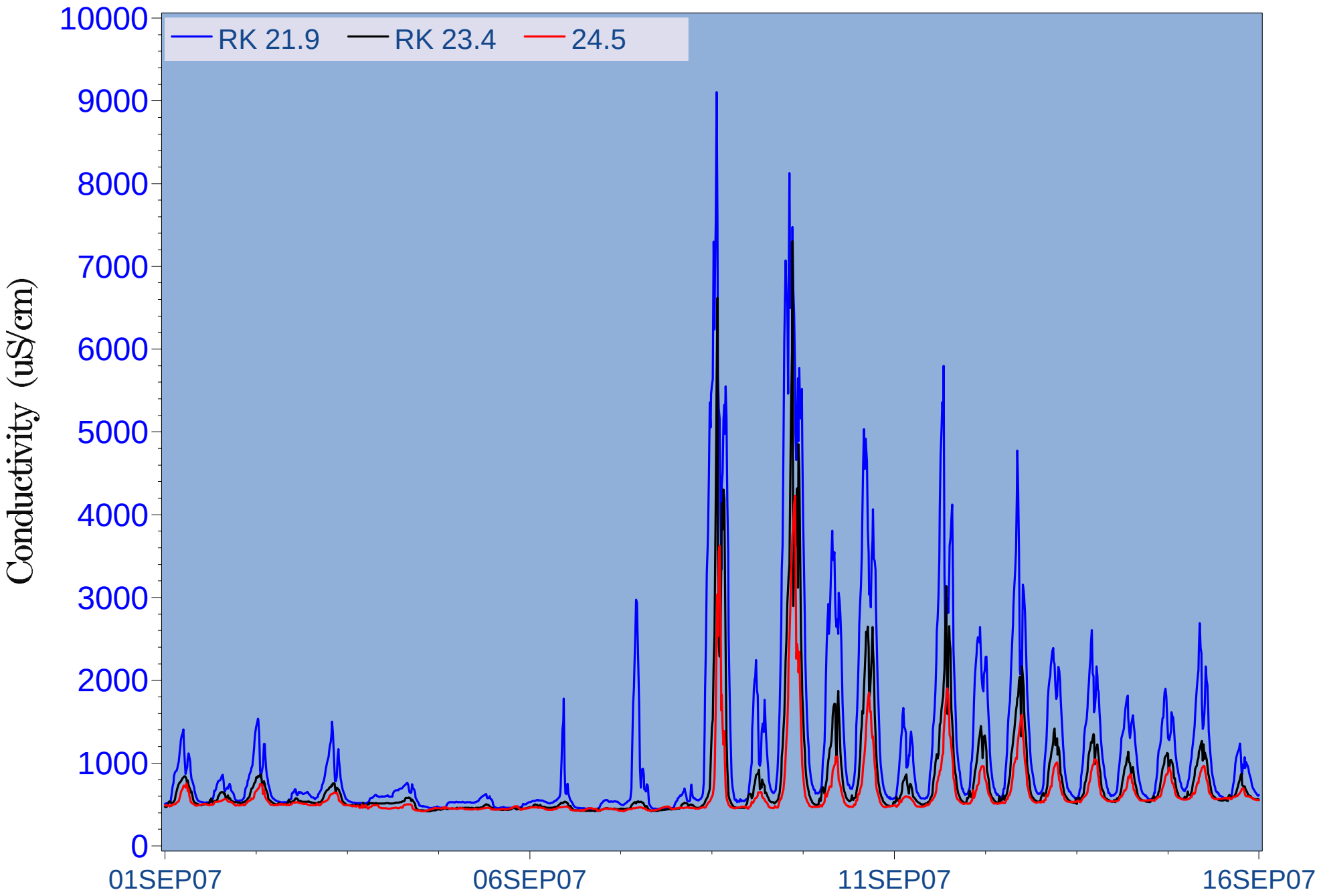


Figure 5.40 September 2007 15-minute surface conductivities at HBMP continuous recorders

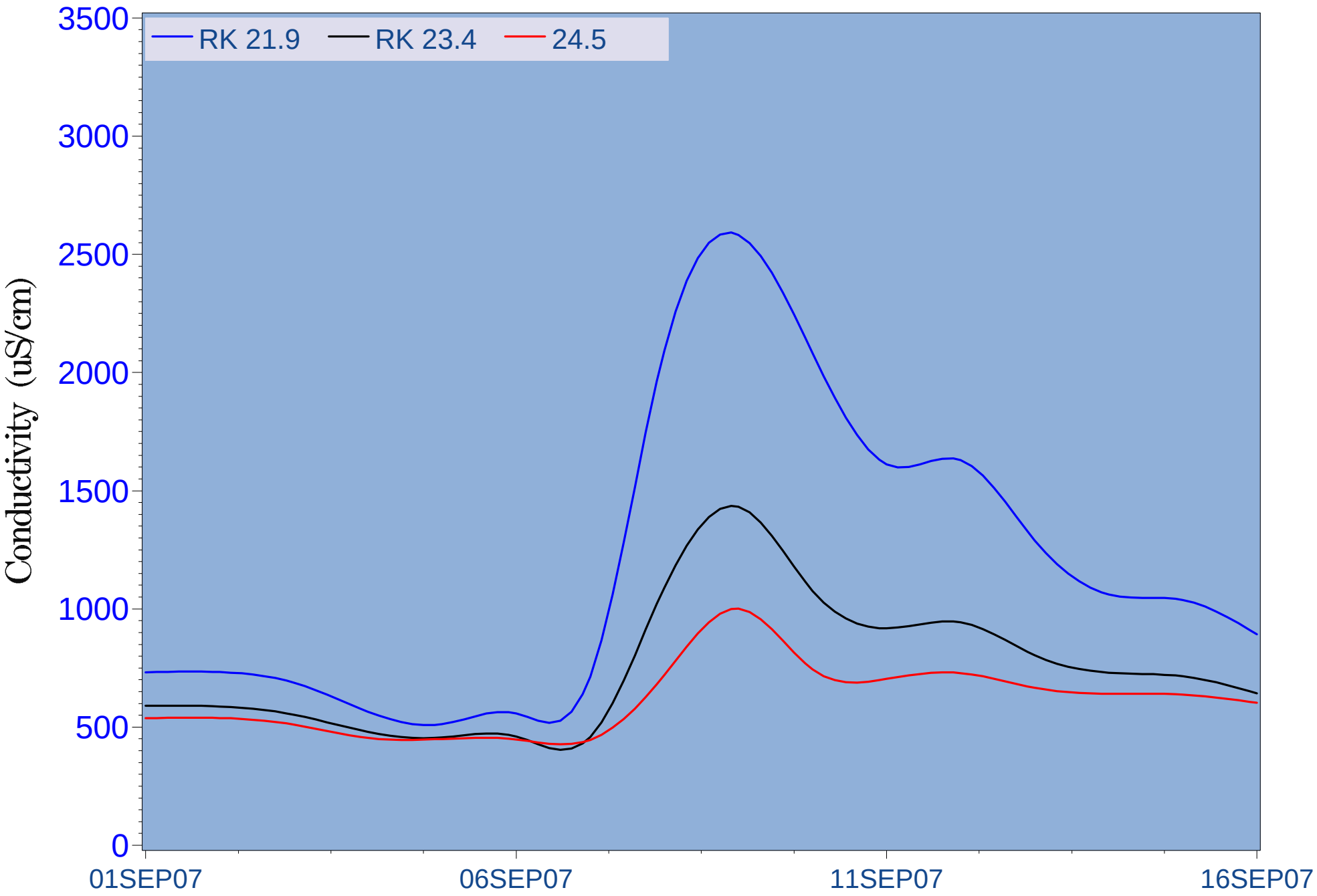


Figure 5.41 September 2007 daily mean surface conductivities HBMP continuous recorders

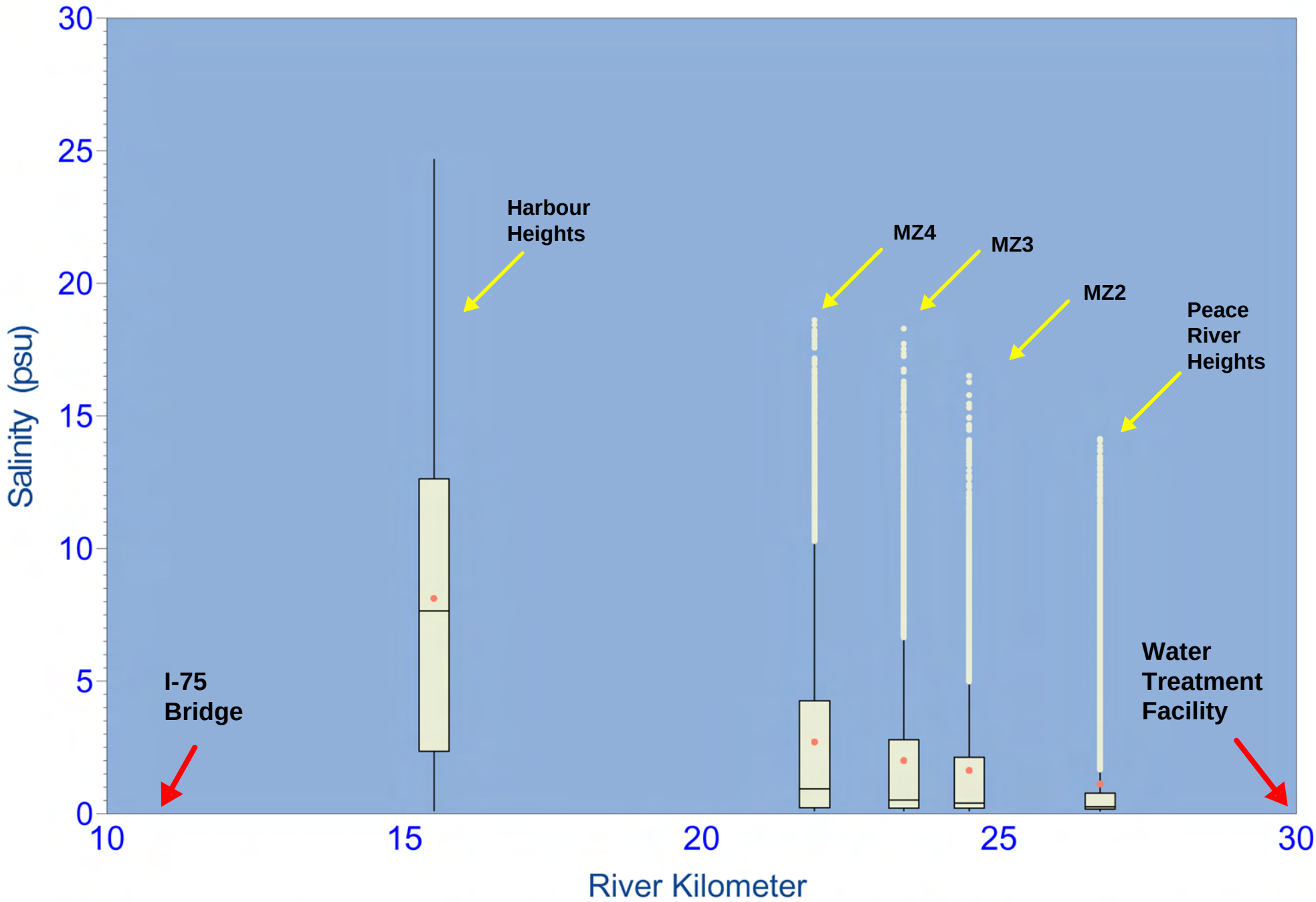


Figure 5.42 Box and whisker plots of anual salinity variability during 2006 at the five continuous recorders

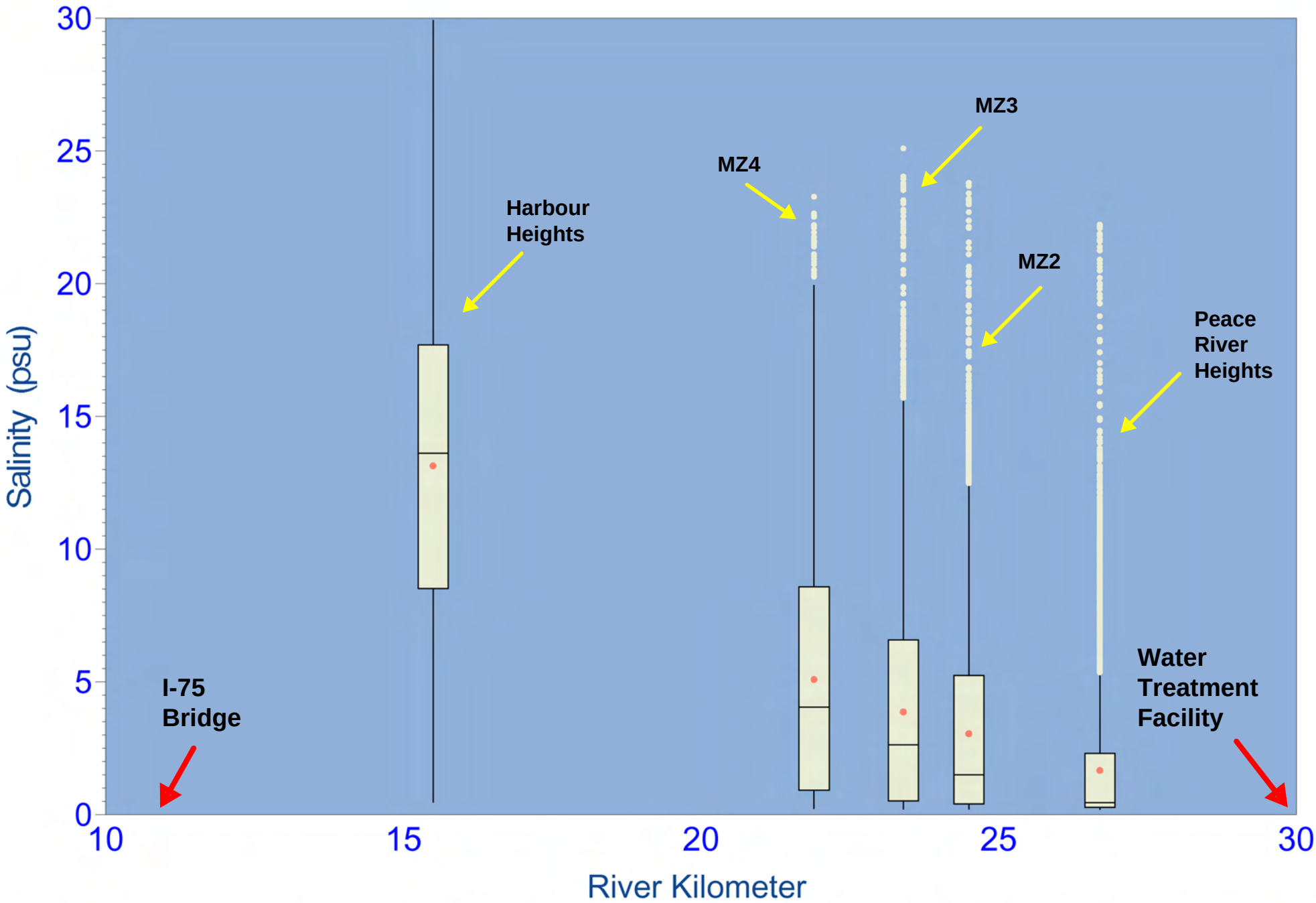


Figure 5.43 Box and whisker plots of anual salinity variability during 2007 at the five continuous recorders

Figure 6.1 Conceptual Model of Impact of Surface Water Withdrawals

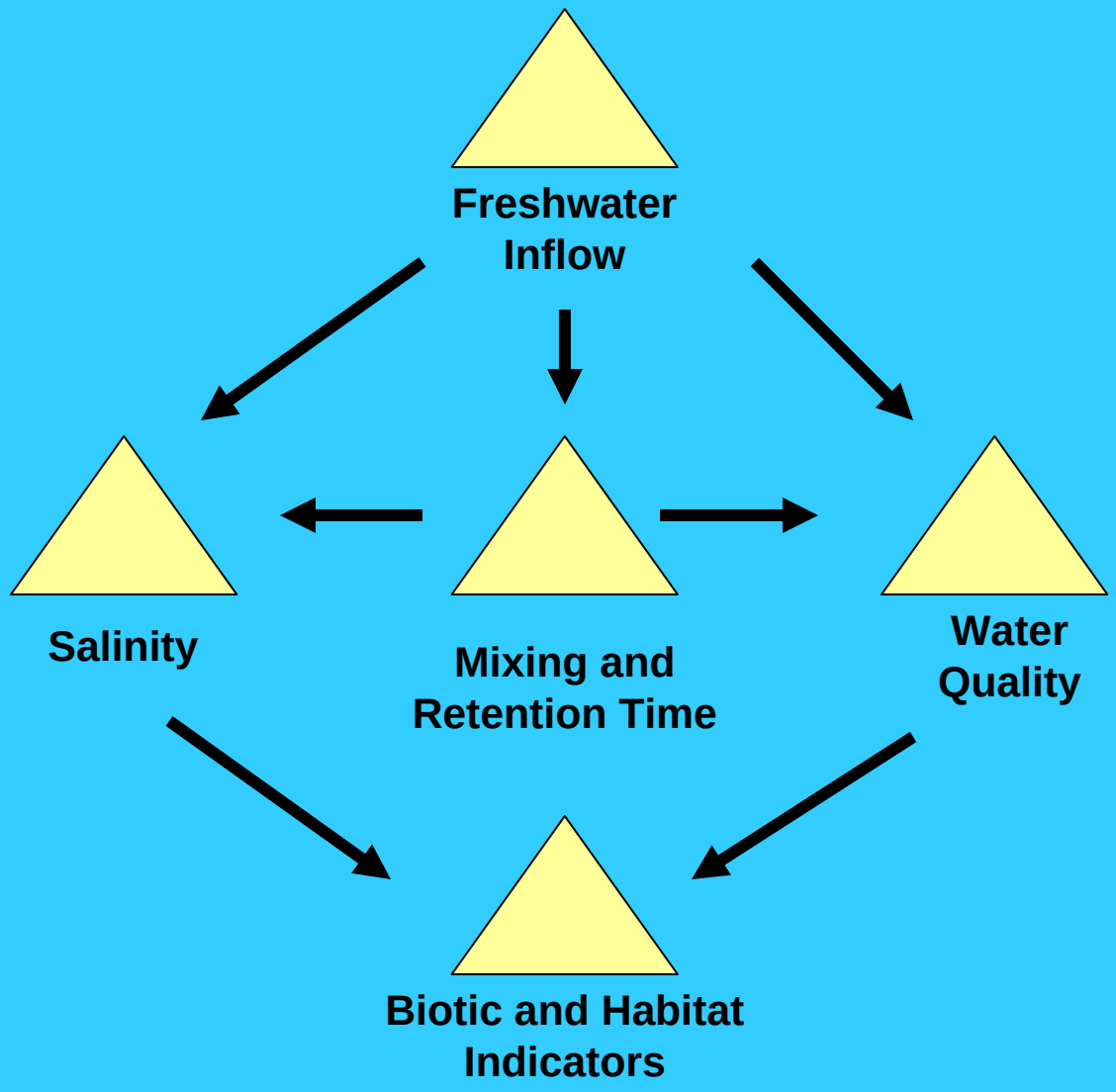


Figure 6.2 Conceptual Illustration of a Salinity Target Range

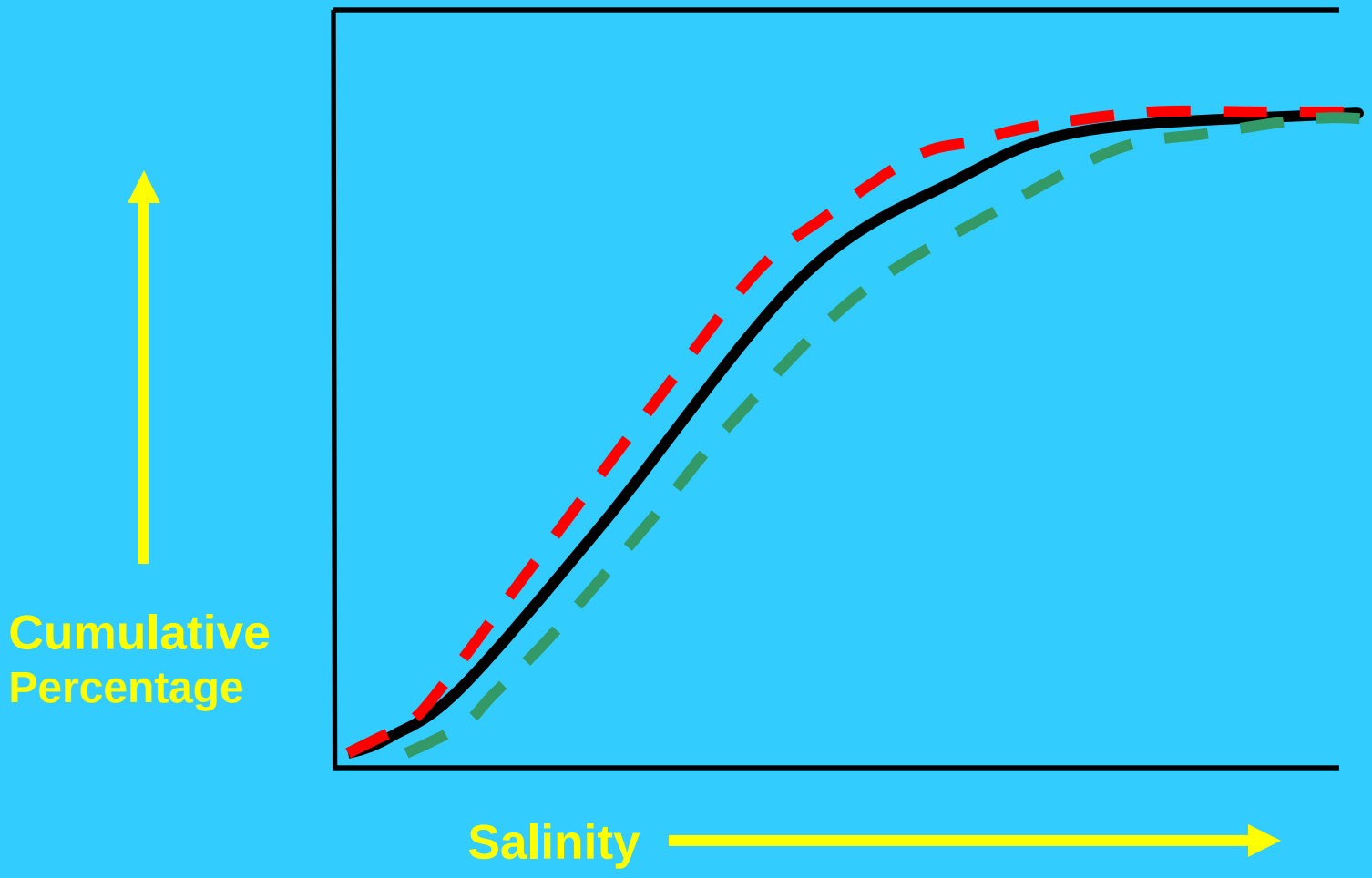


Figure 6.3 Conceptual Design Tree for Evaluating Changes