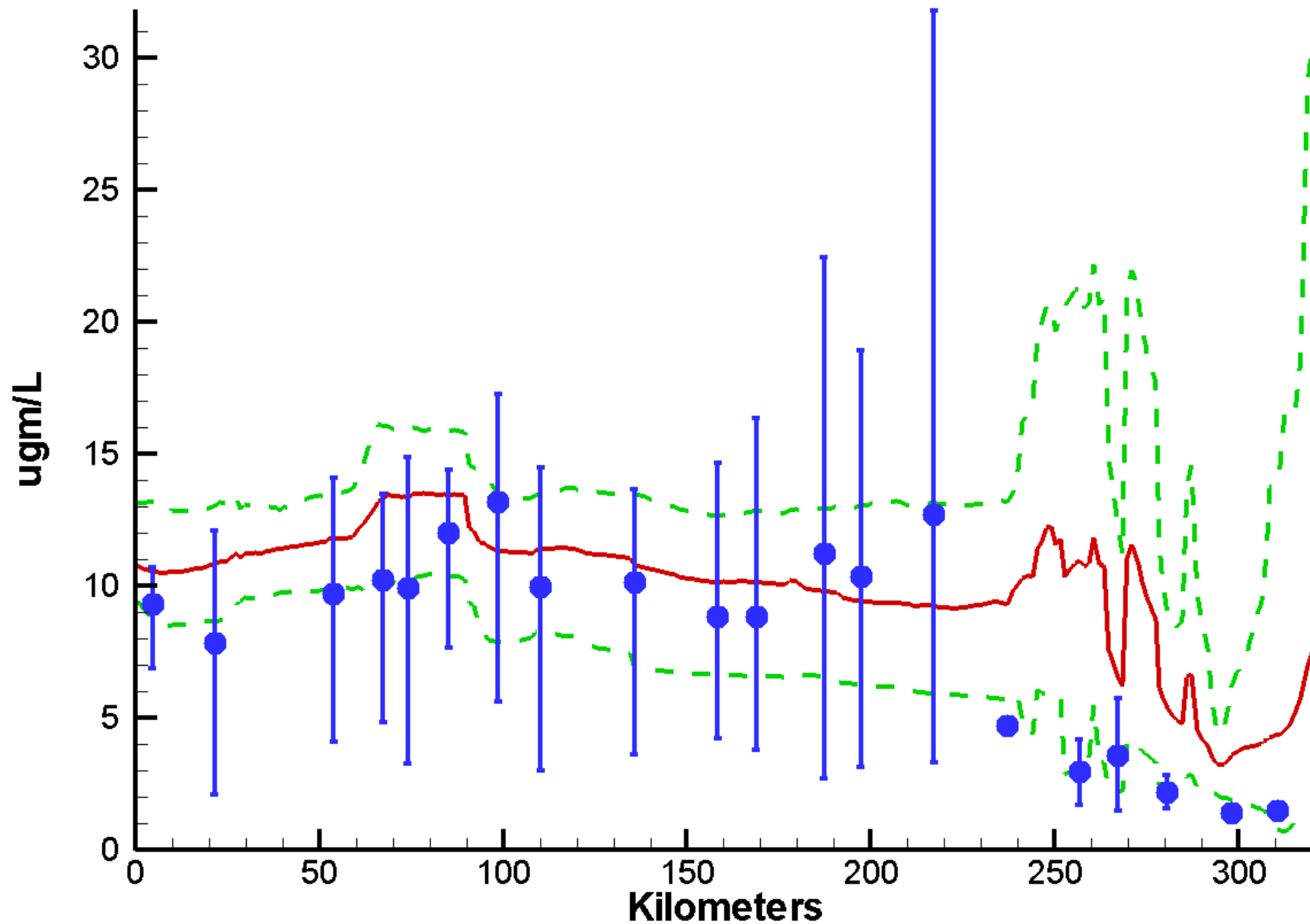


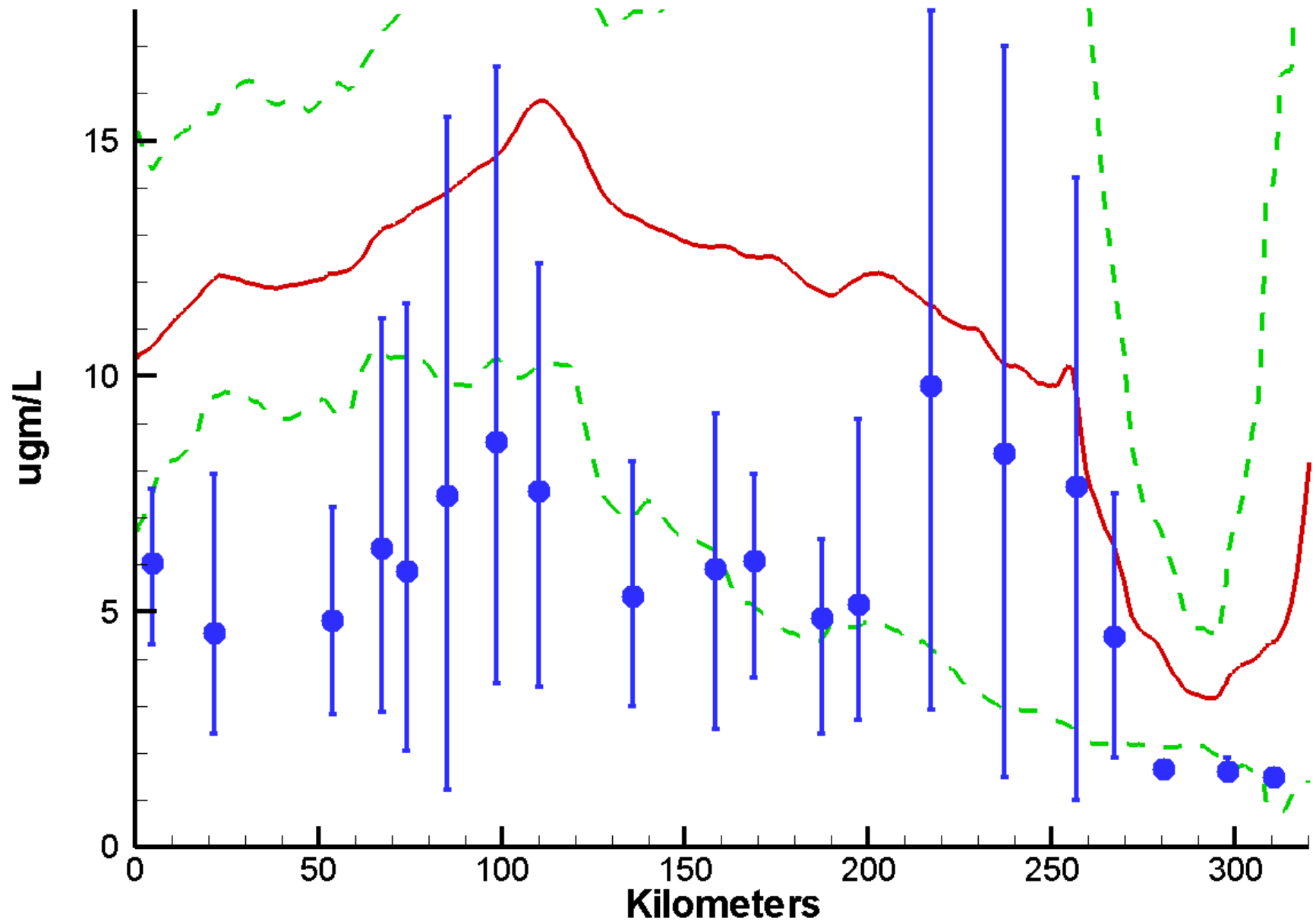
# Mainstem Bay Ches2015 Run118

## Bottom Chlorophyll Winter 1994



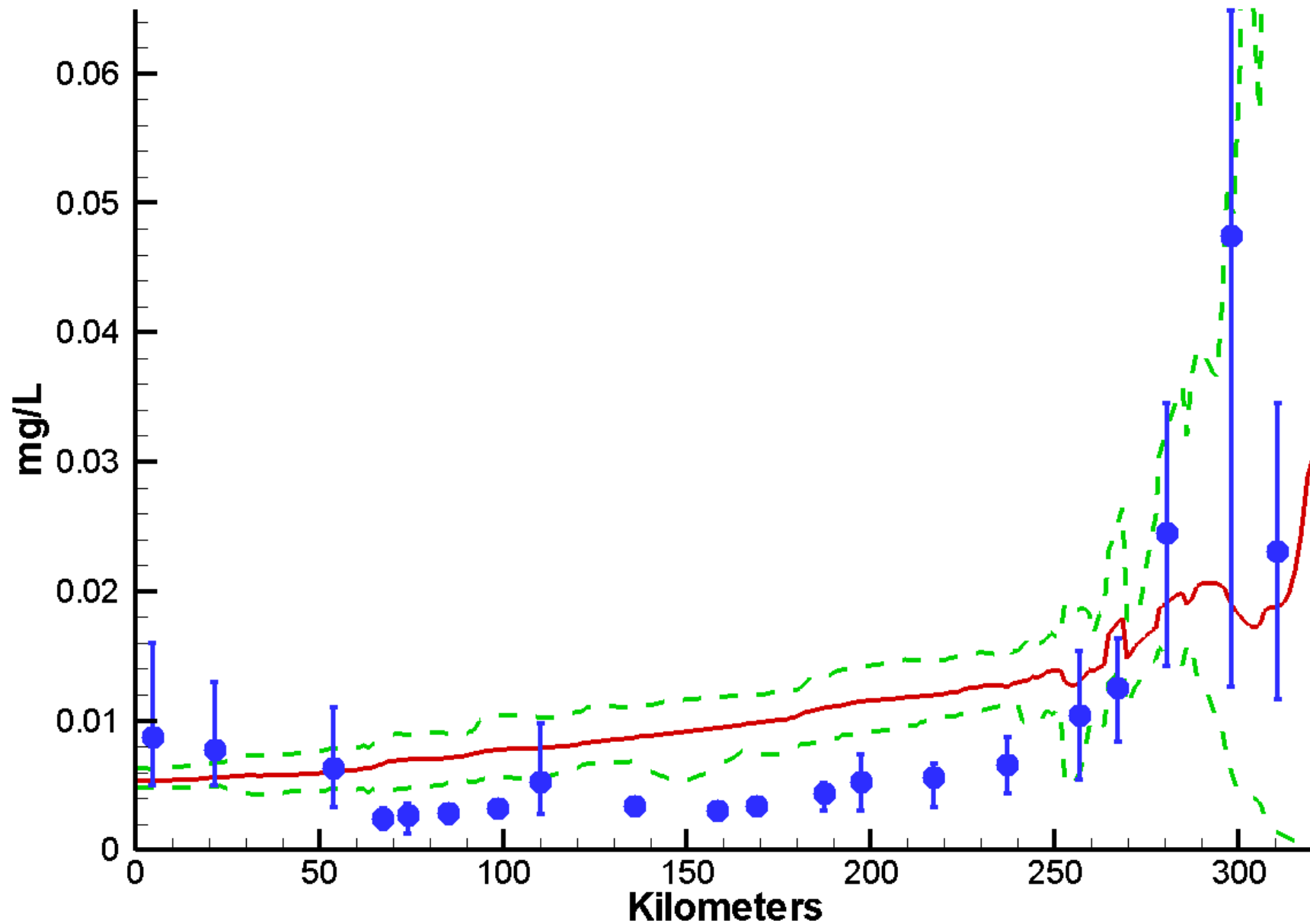
# Mainstem Bay Ches2015 Run118

## Surface Chlorophyll Winter 1994



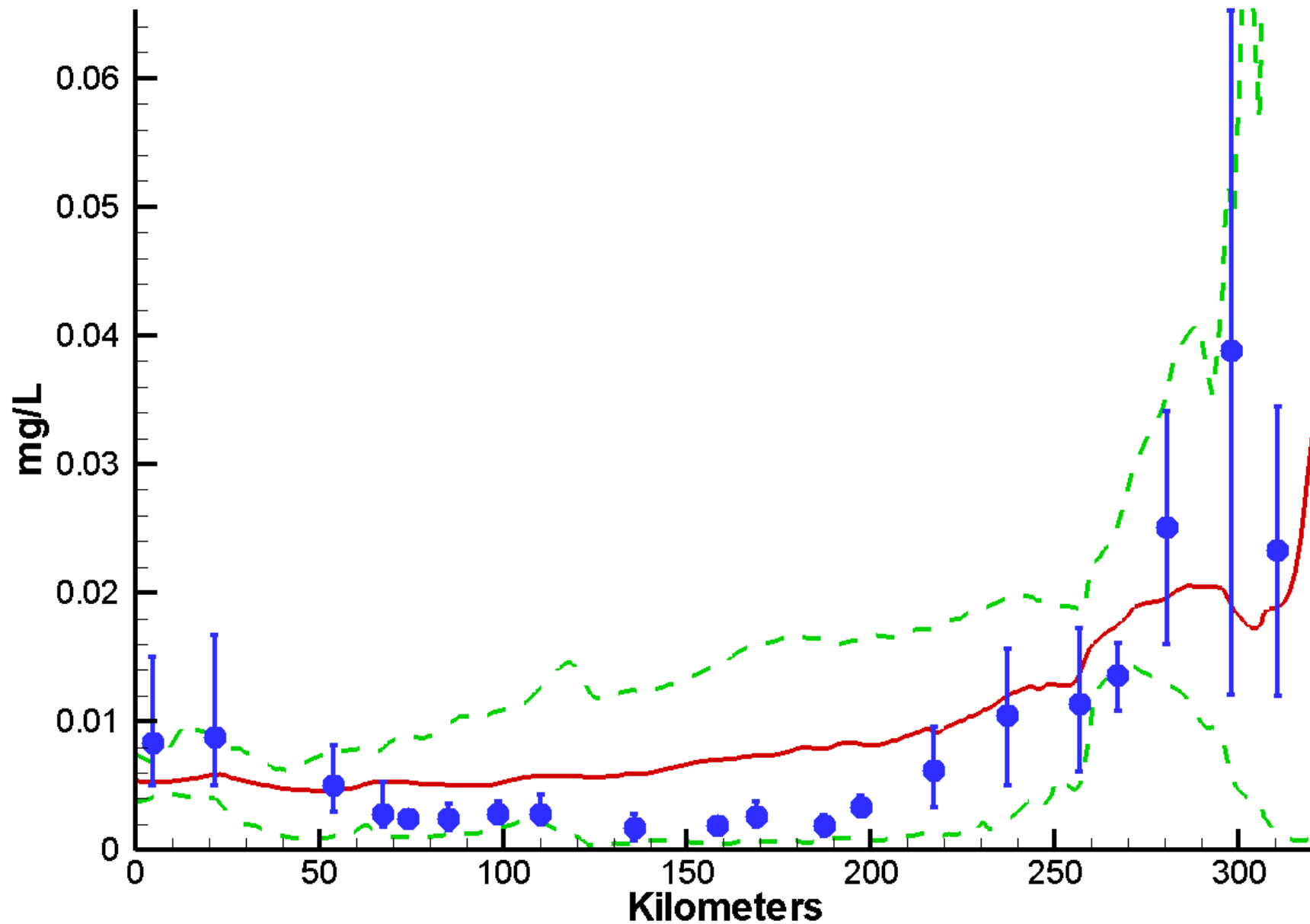
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1994



# Mainstem Bay Ches2015 Run118

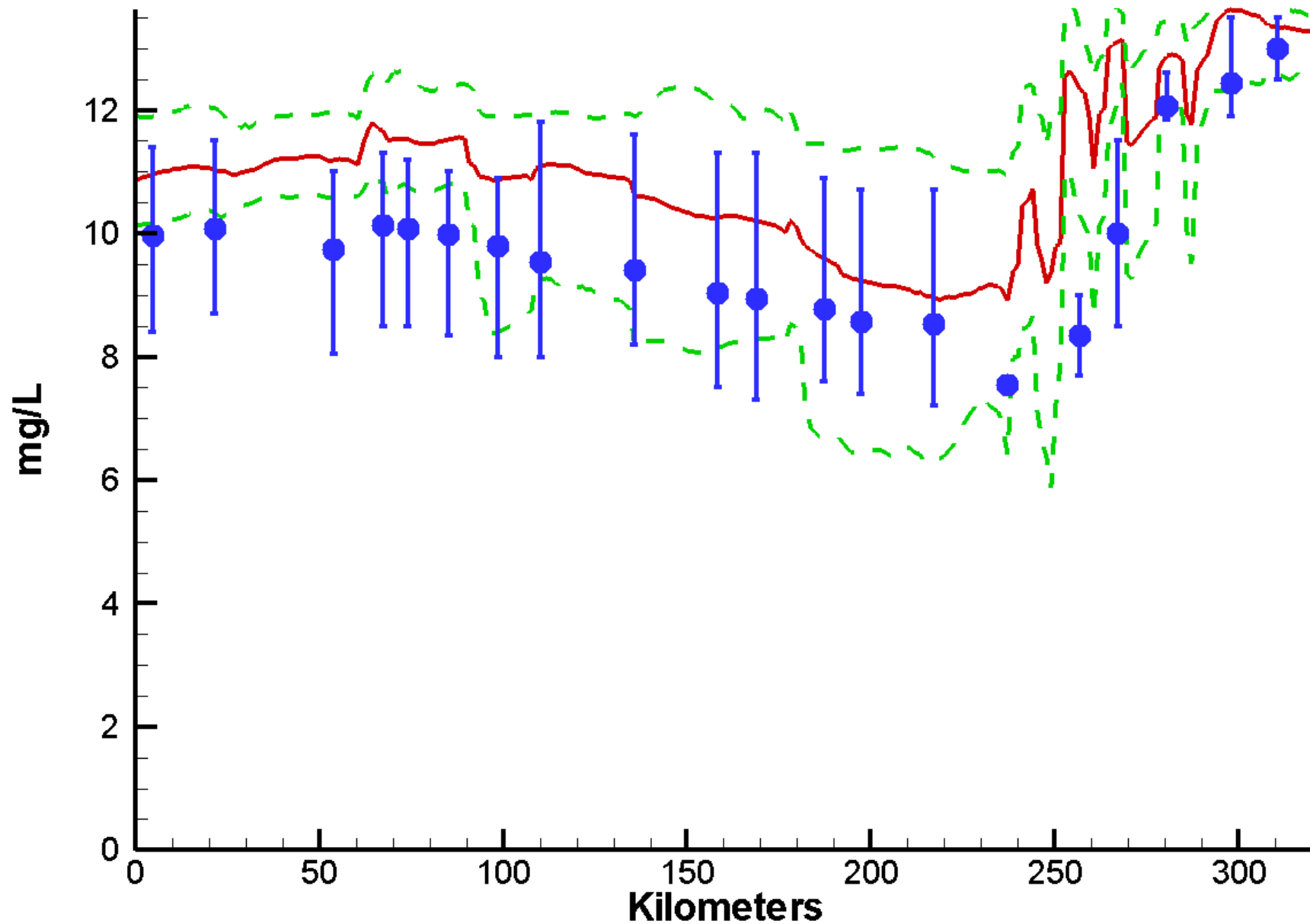
## Surface Dissolved Phosphate Winter 1994





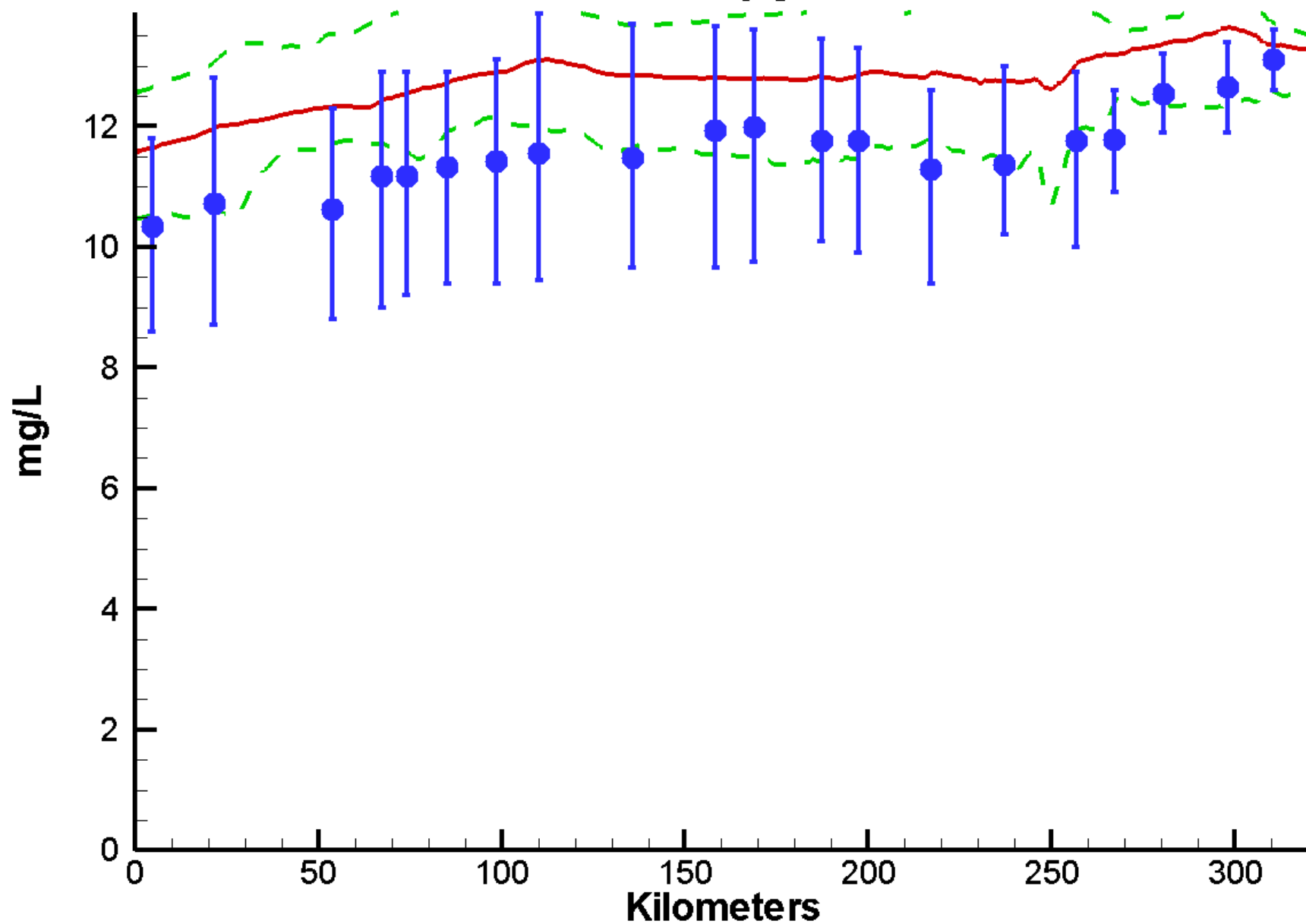
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1994



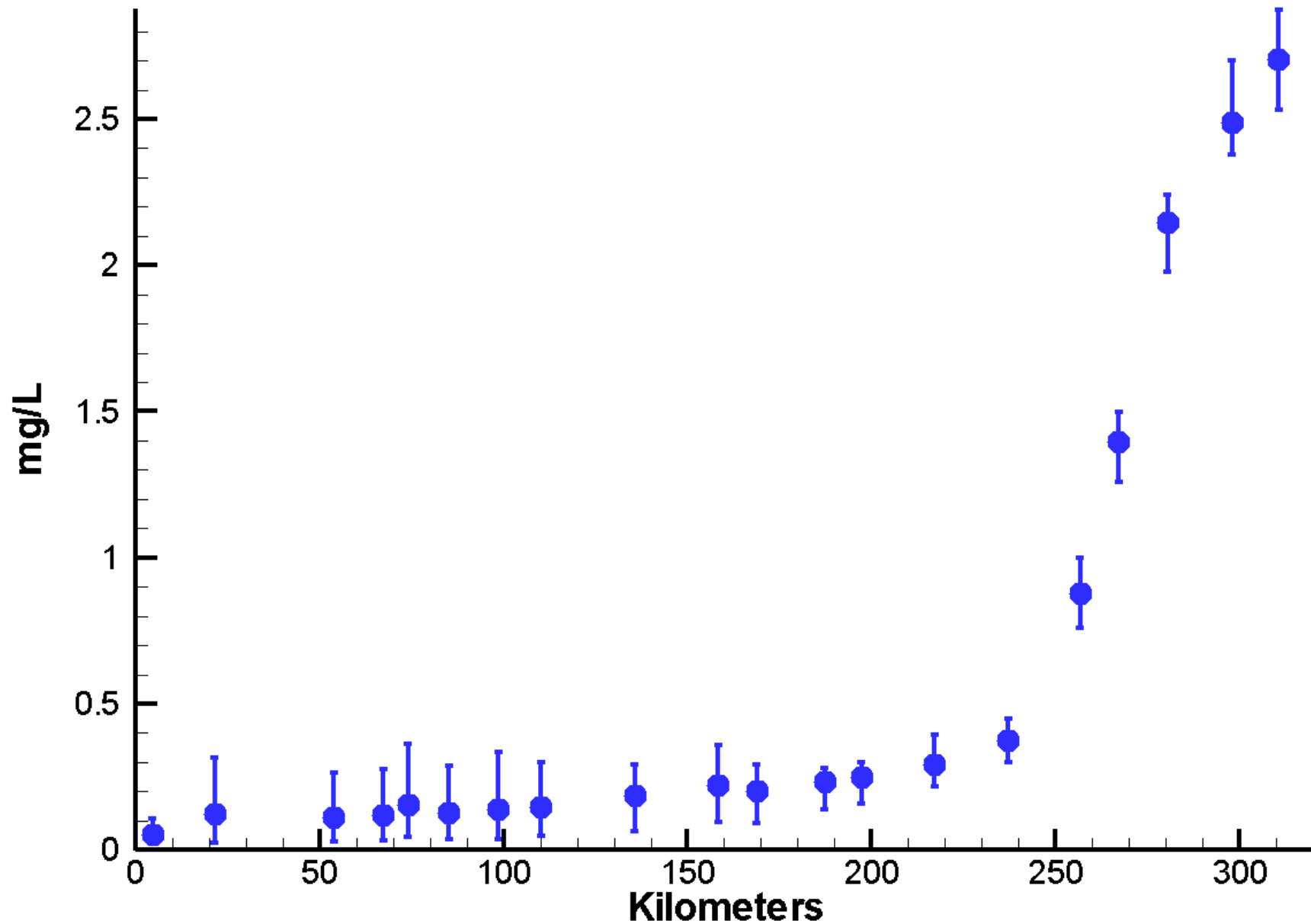
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Oxygen Winter 1994



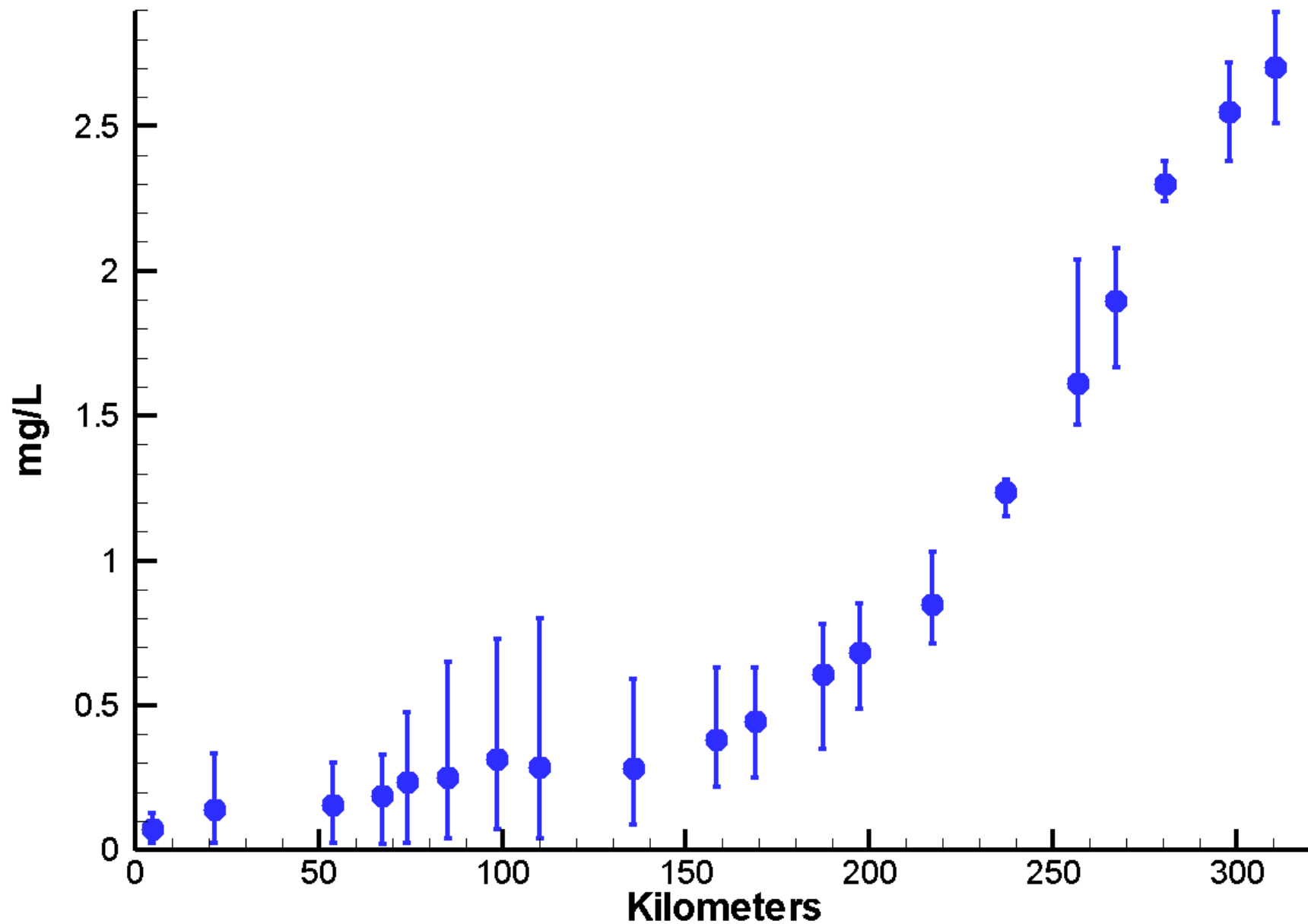
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Silica Winter 1994



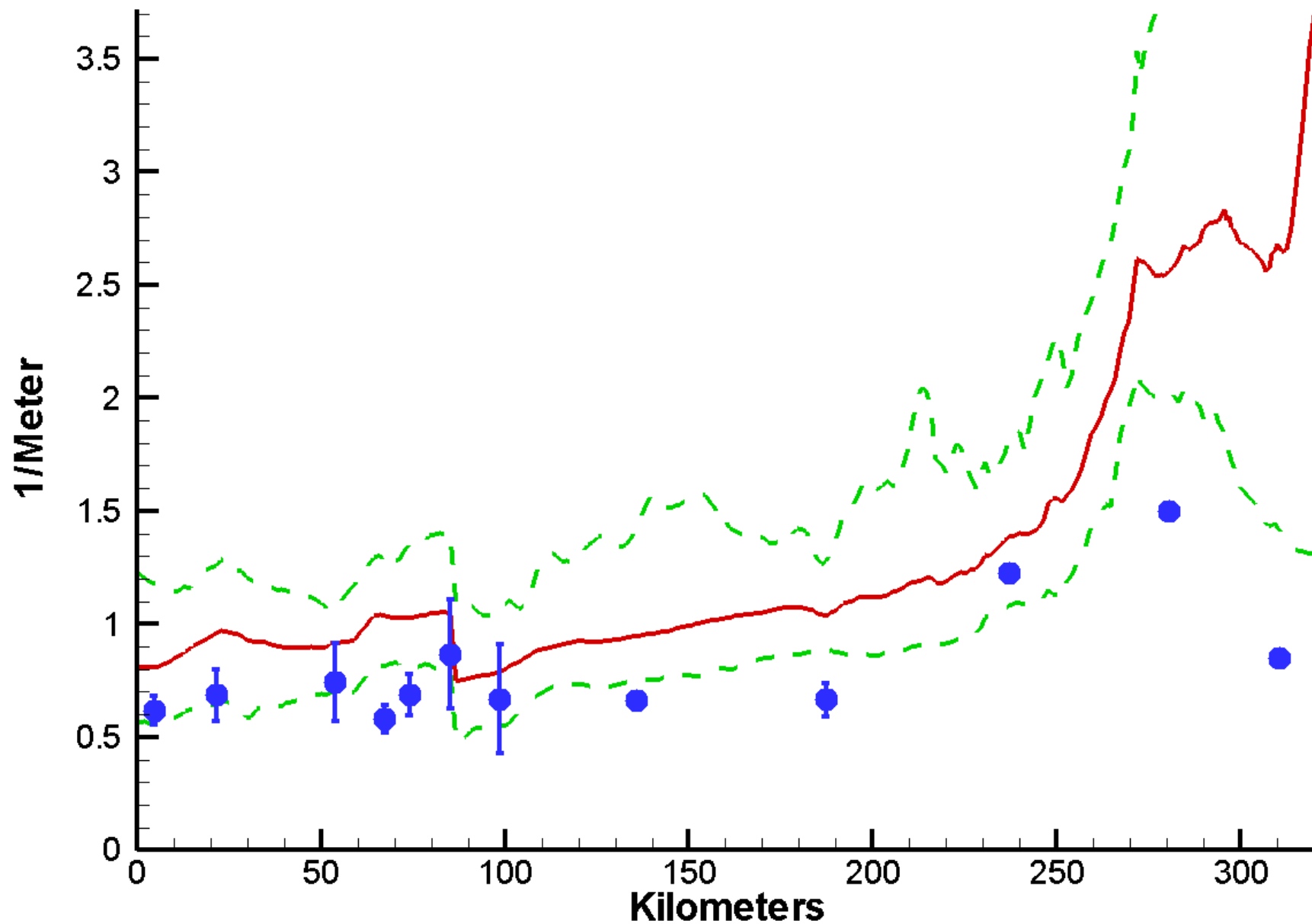
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Silica Winter 1994



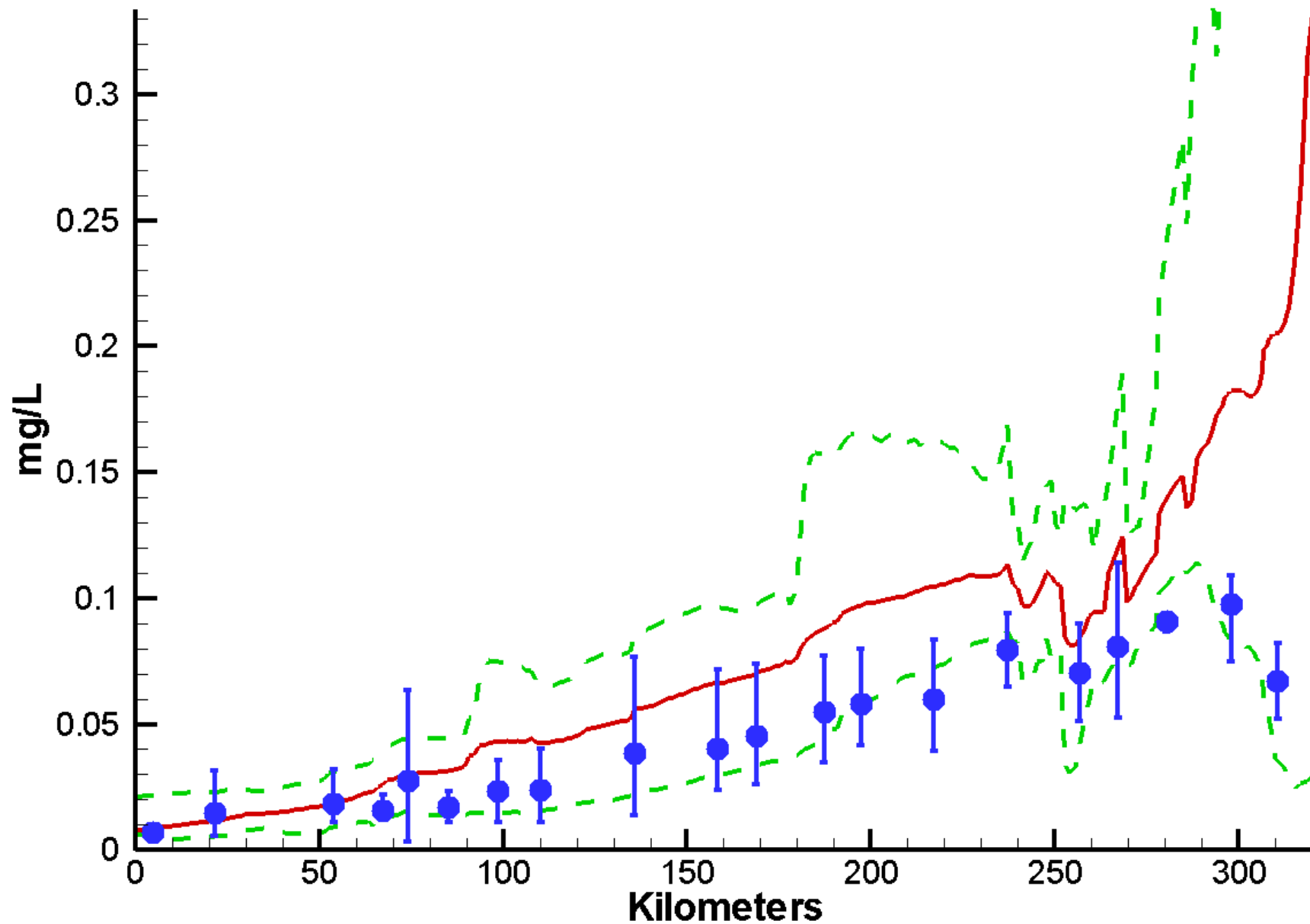
# Mainstem Bay Ches2015 Run118

## Surface Light Extinction Winter 1994



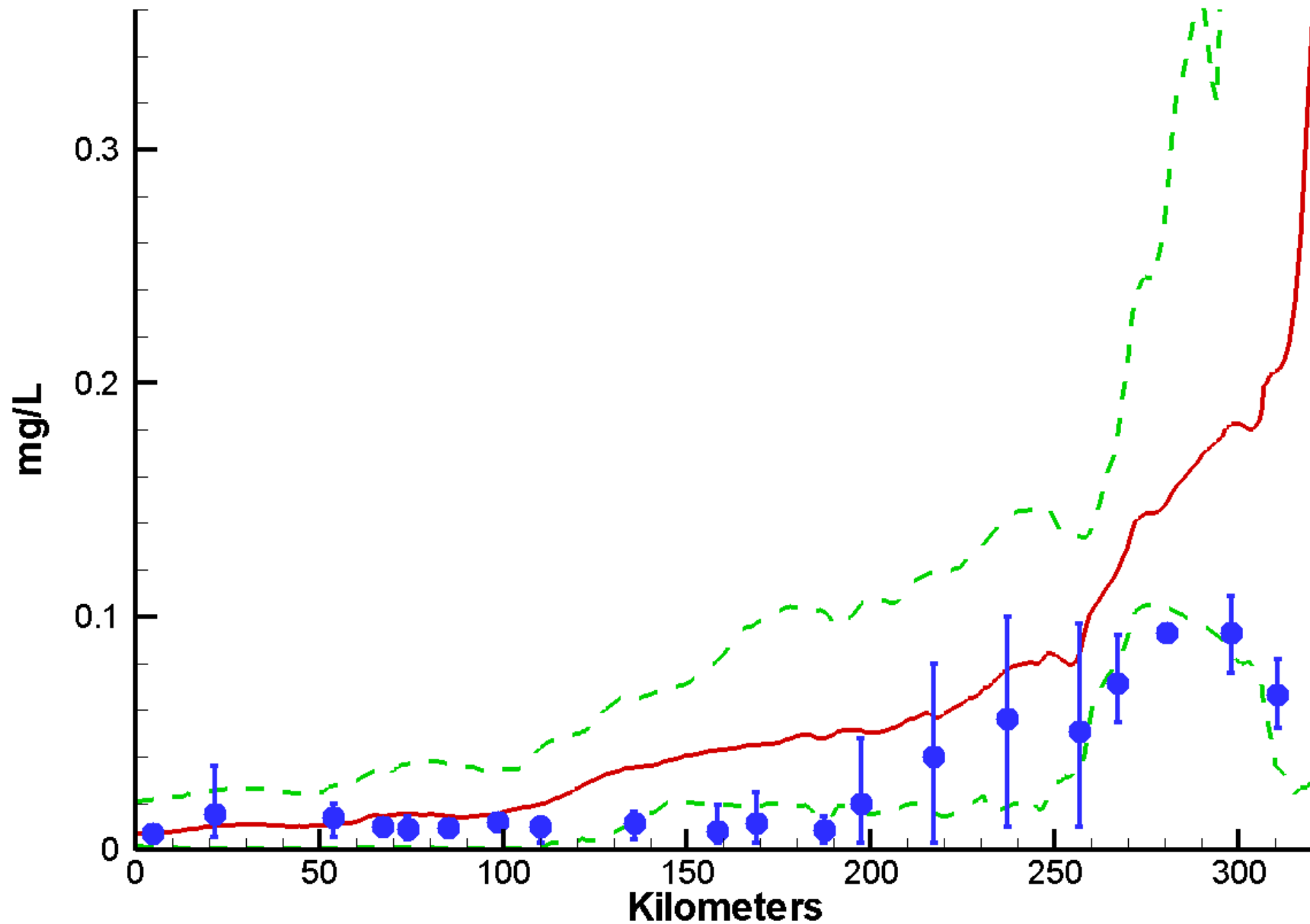
# Mainstem Bay Ches2015 Run118

## Bottom Ammonium Winter 1994



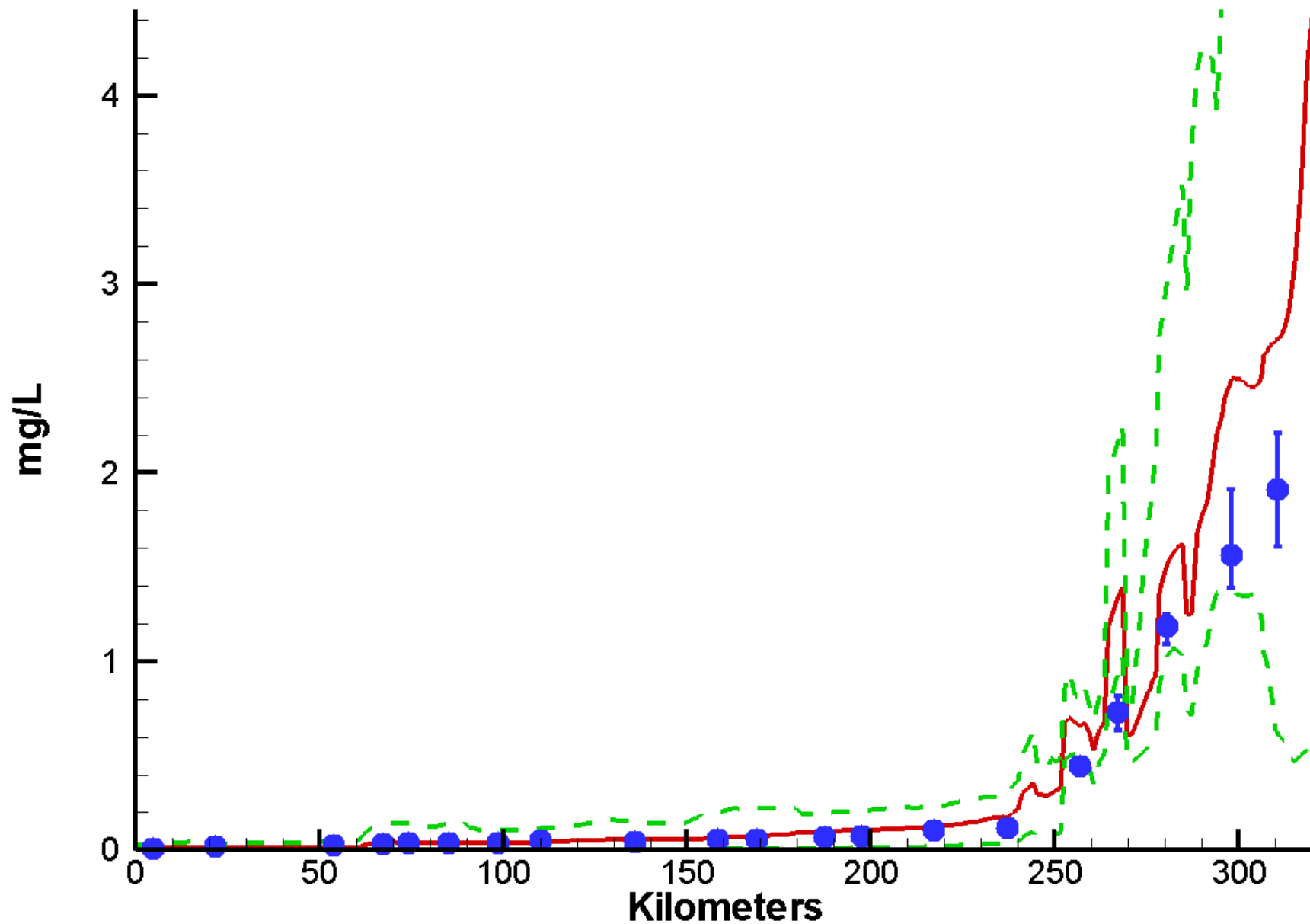
# Mainstem Bay Ches2015 Run118

## Surface Ammonium Winter 1994



# Mainstem Bay Ches2015 Run118

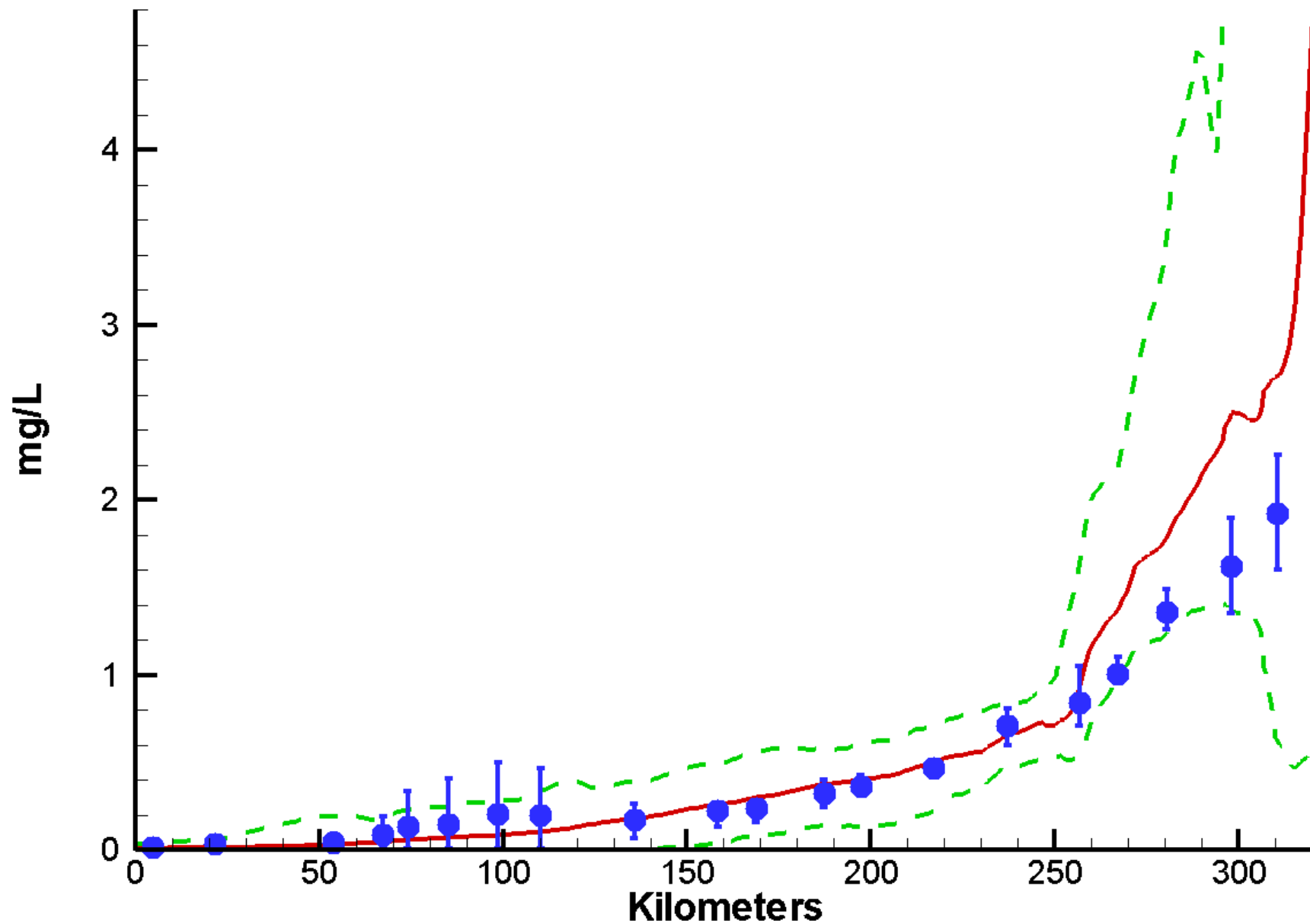
## Bottom Nitrate Winter 1994



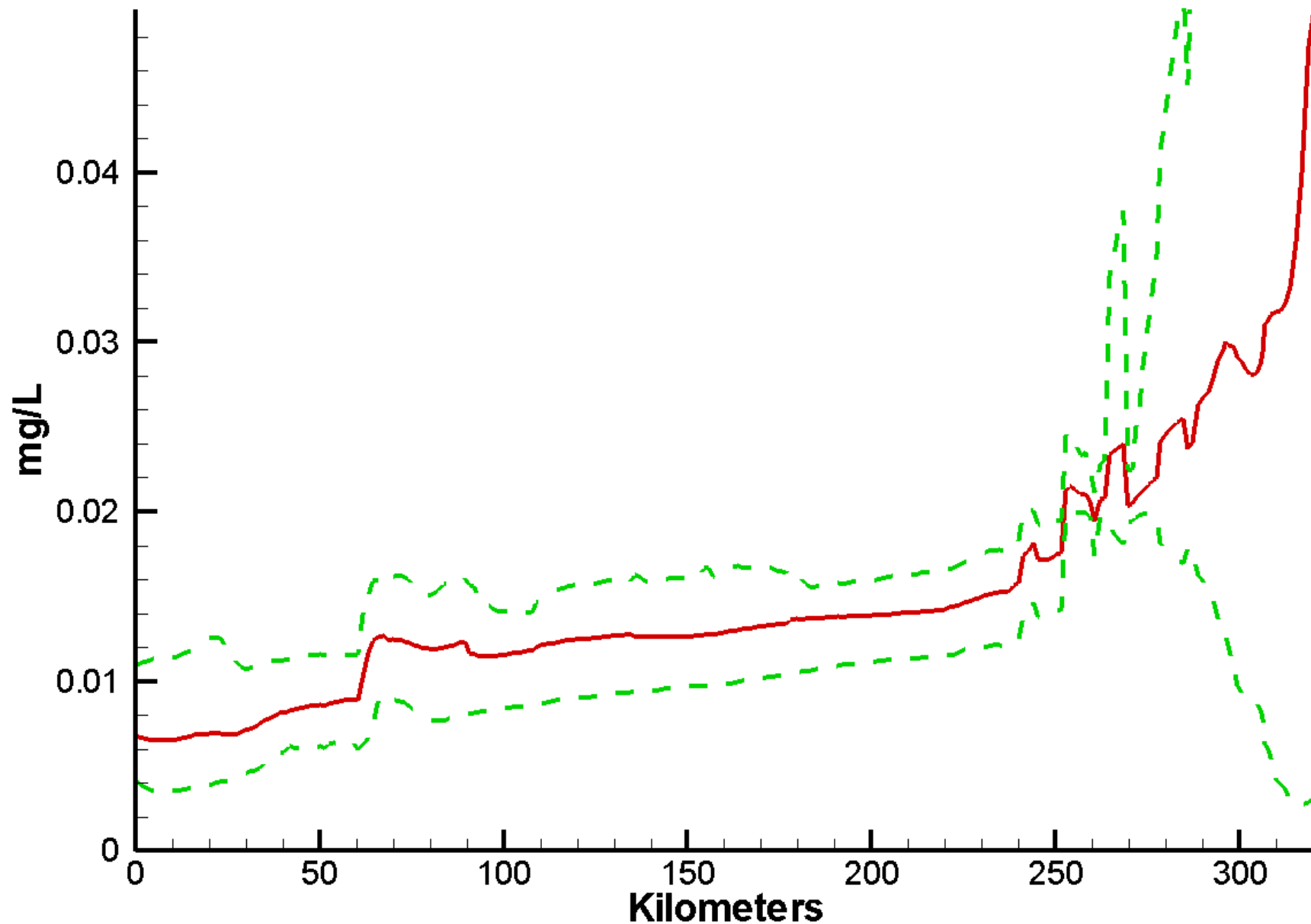


# Mainstem Bay Ches2015 Run118

## Surface Nitrate Winter 1994

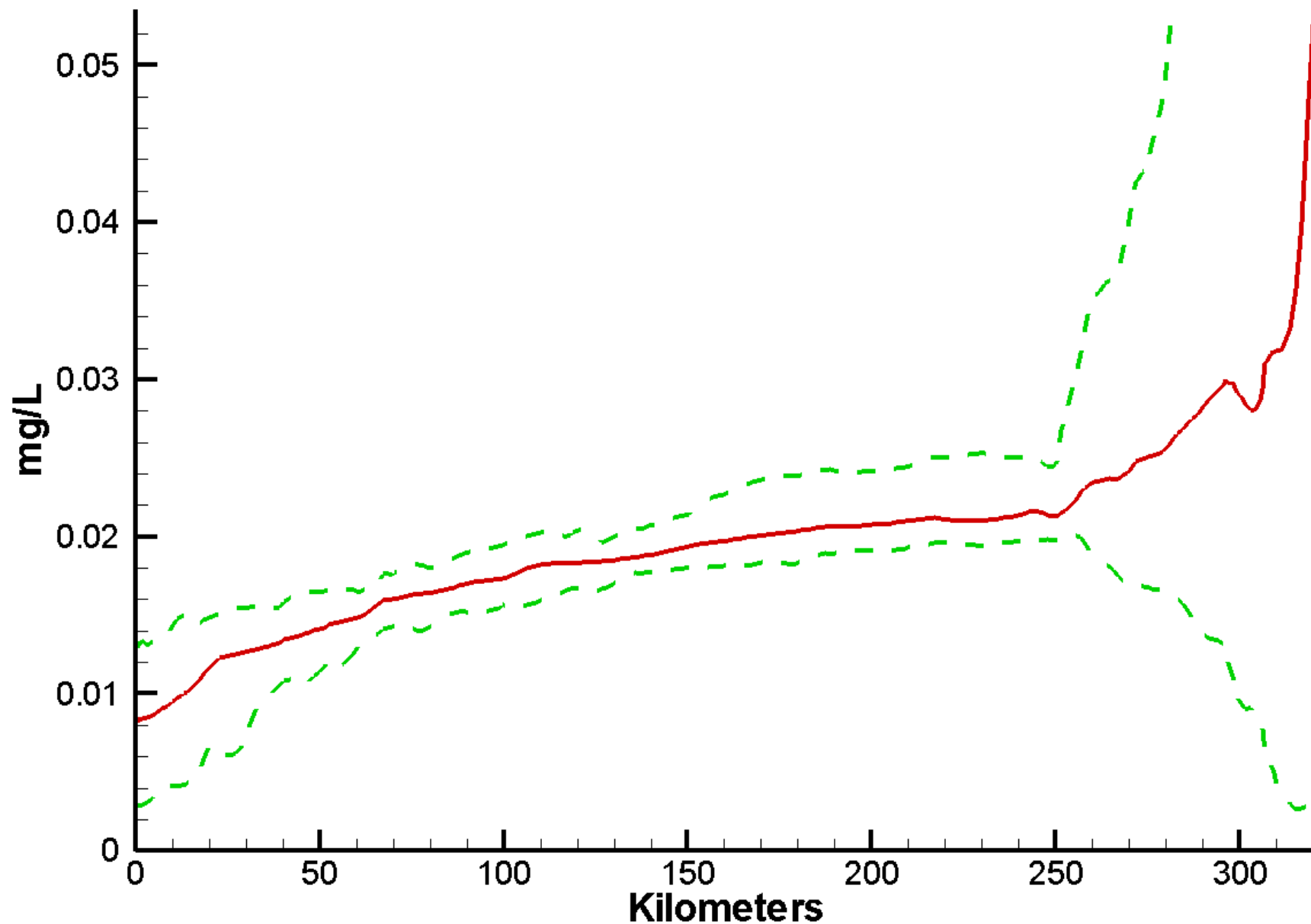


**Mainstem Bay Ches2015 Run118**  
**Bottom Particulate Inorganic Phosphorus Winter 1994**



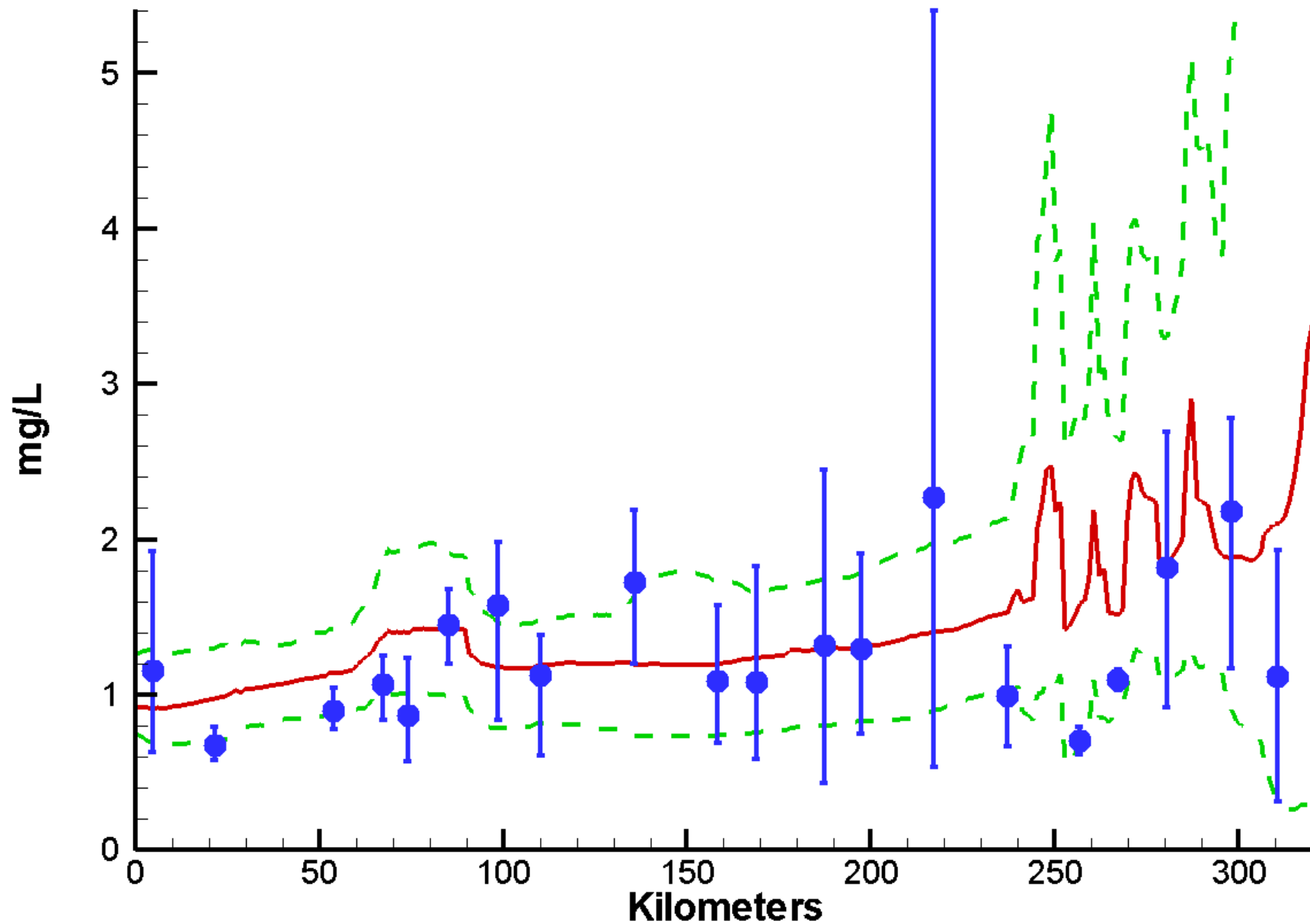
# Mainstem Bay Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1994



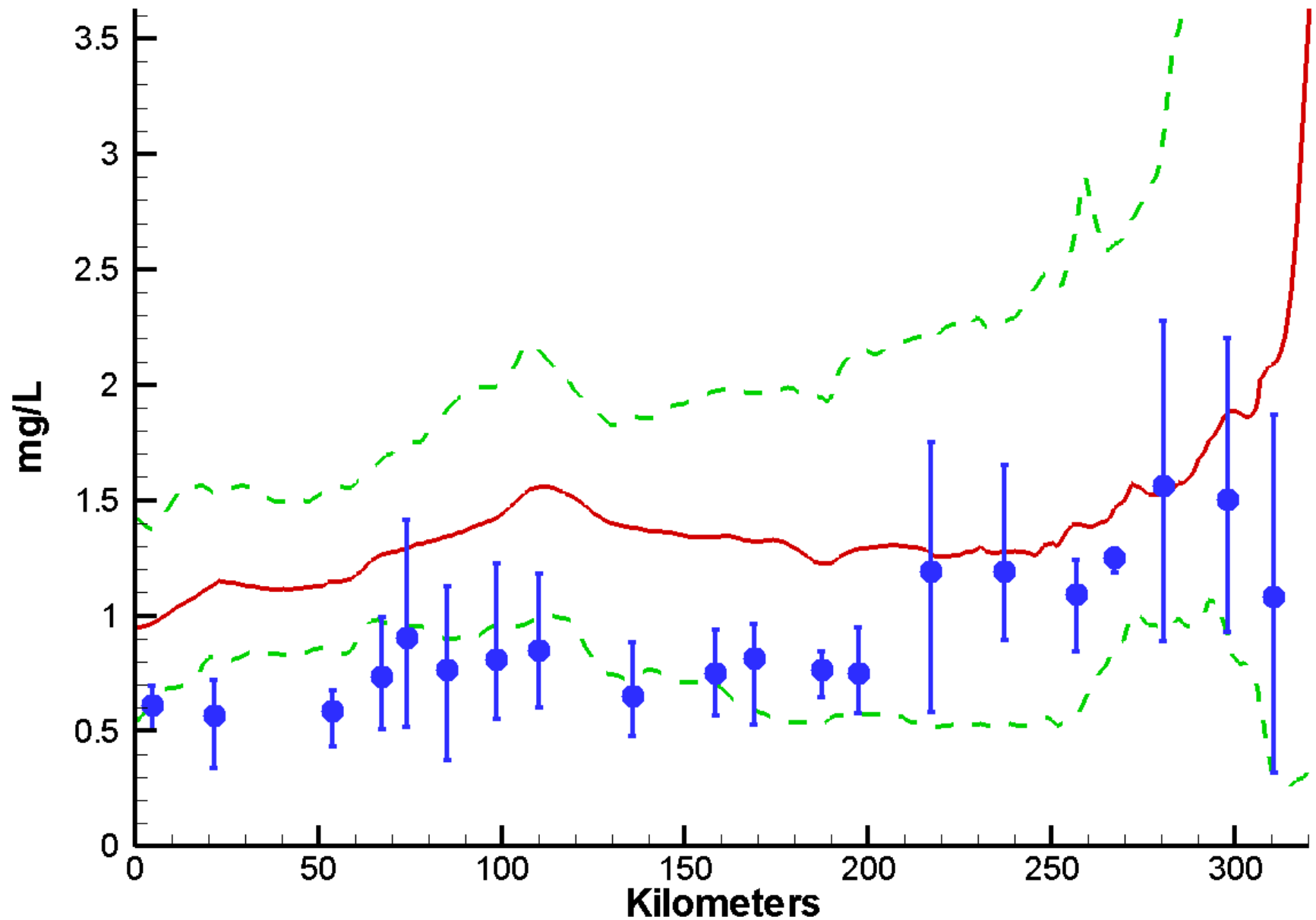
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Organic Carbon Winter 1994



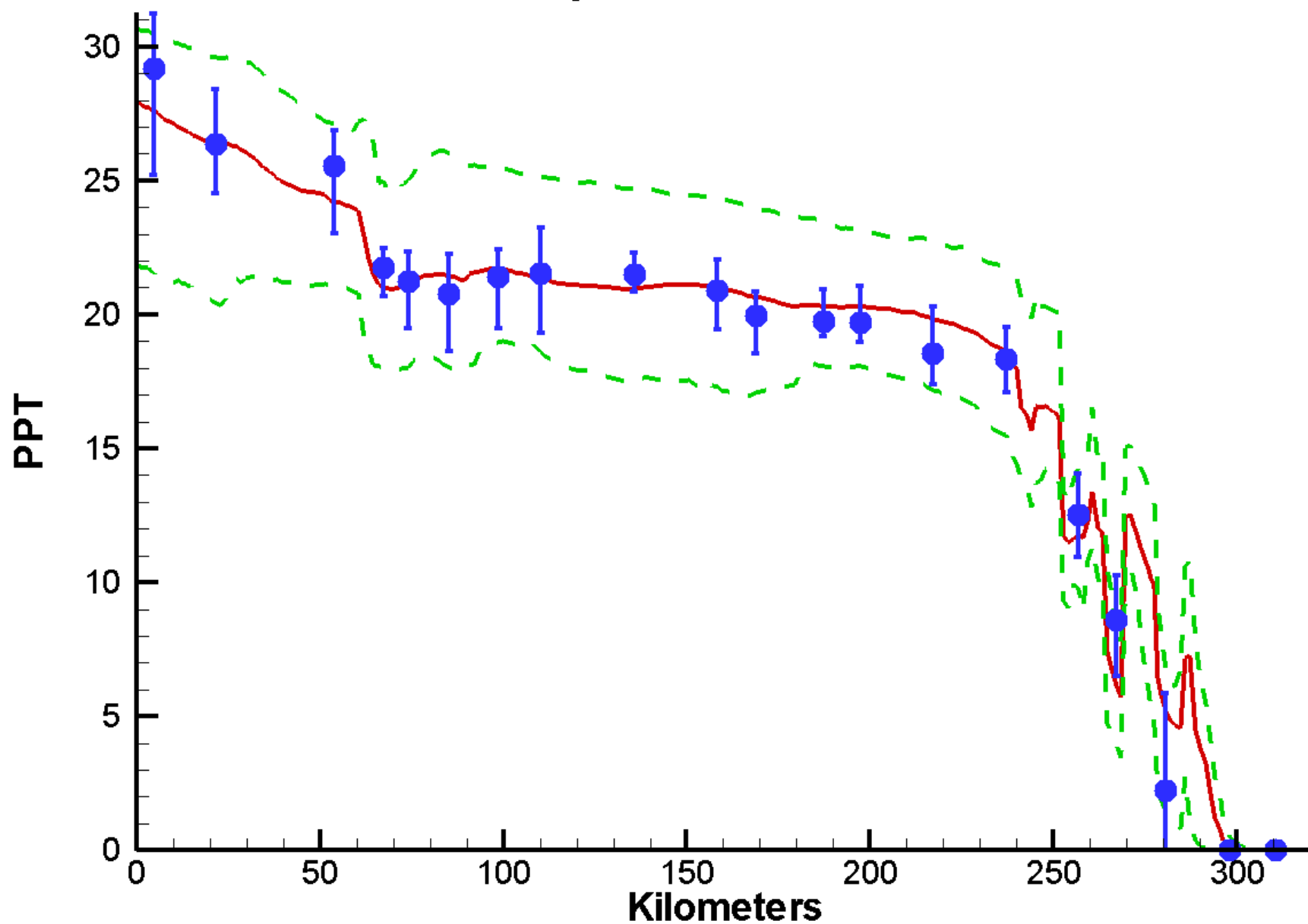
# Mainstem Bay Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1994



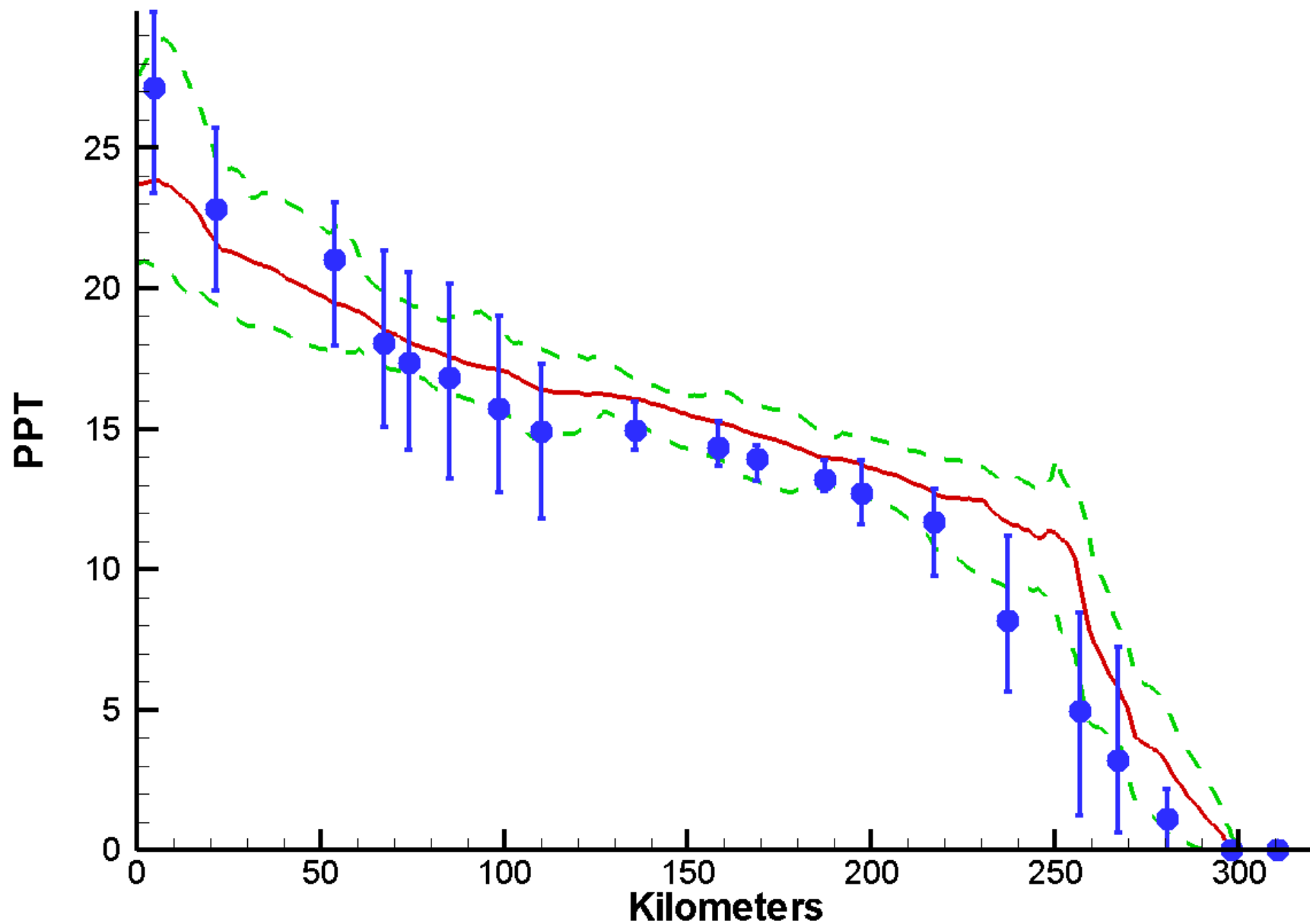
# Mainstem Bay Ches2015 Run118

## Bottom Salinity Winter 1994

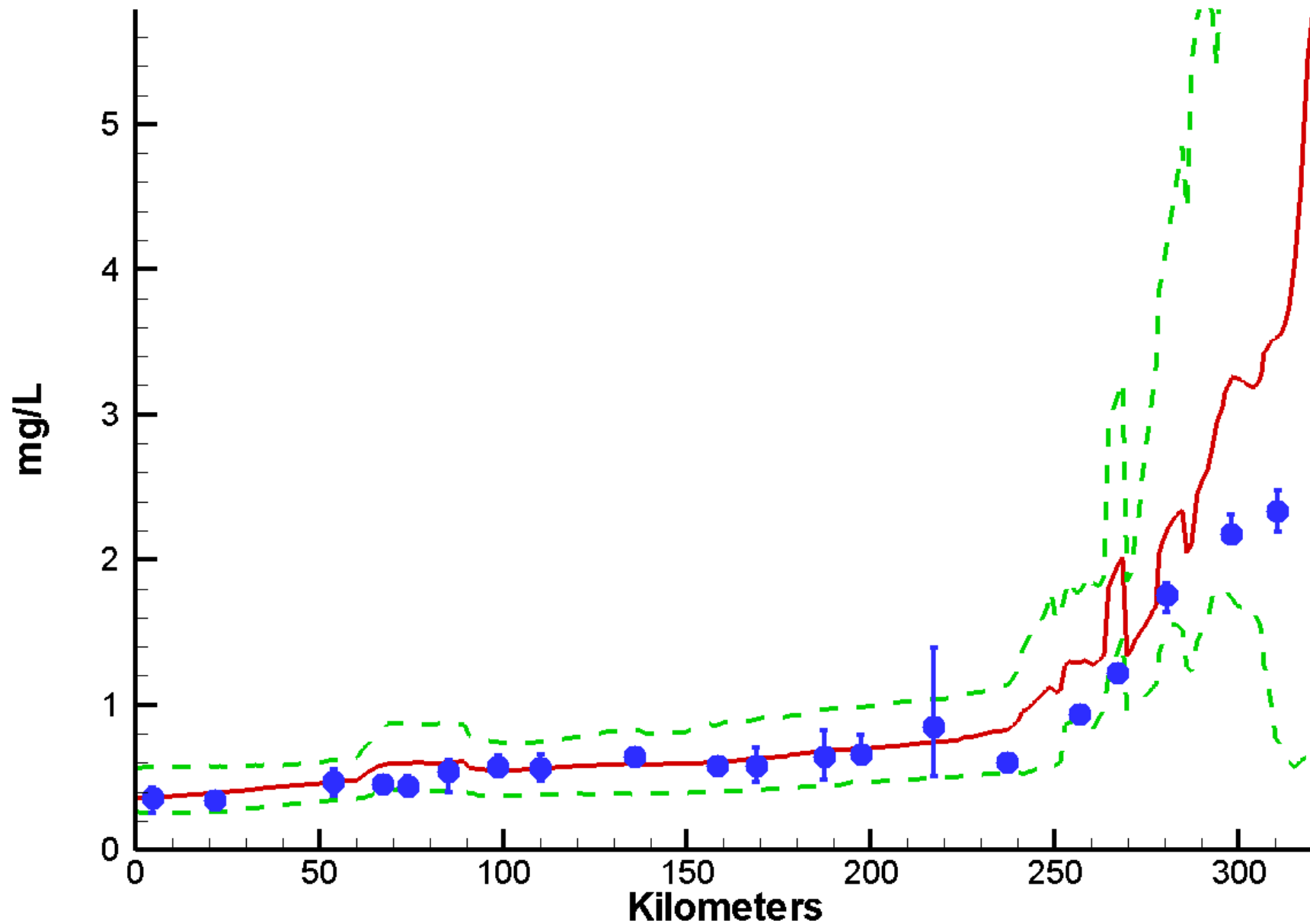


# Mainstem Bay Ches2015 Run118

## Surface Salinity Winter 1994



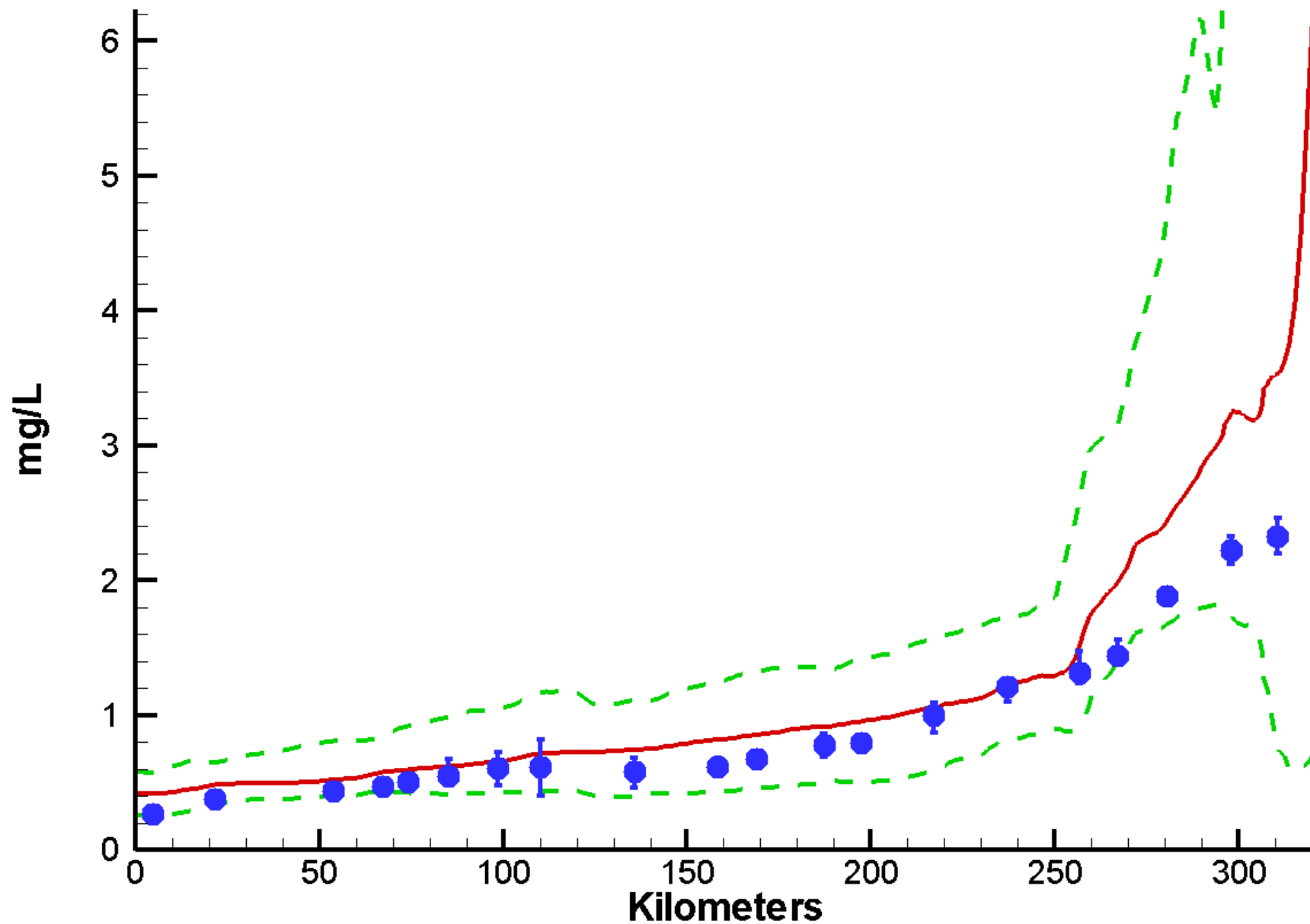
# Mainstem Bay Ches2015 Run118 Bottom Total Nitrogen Winter 1994





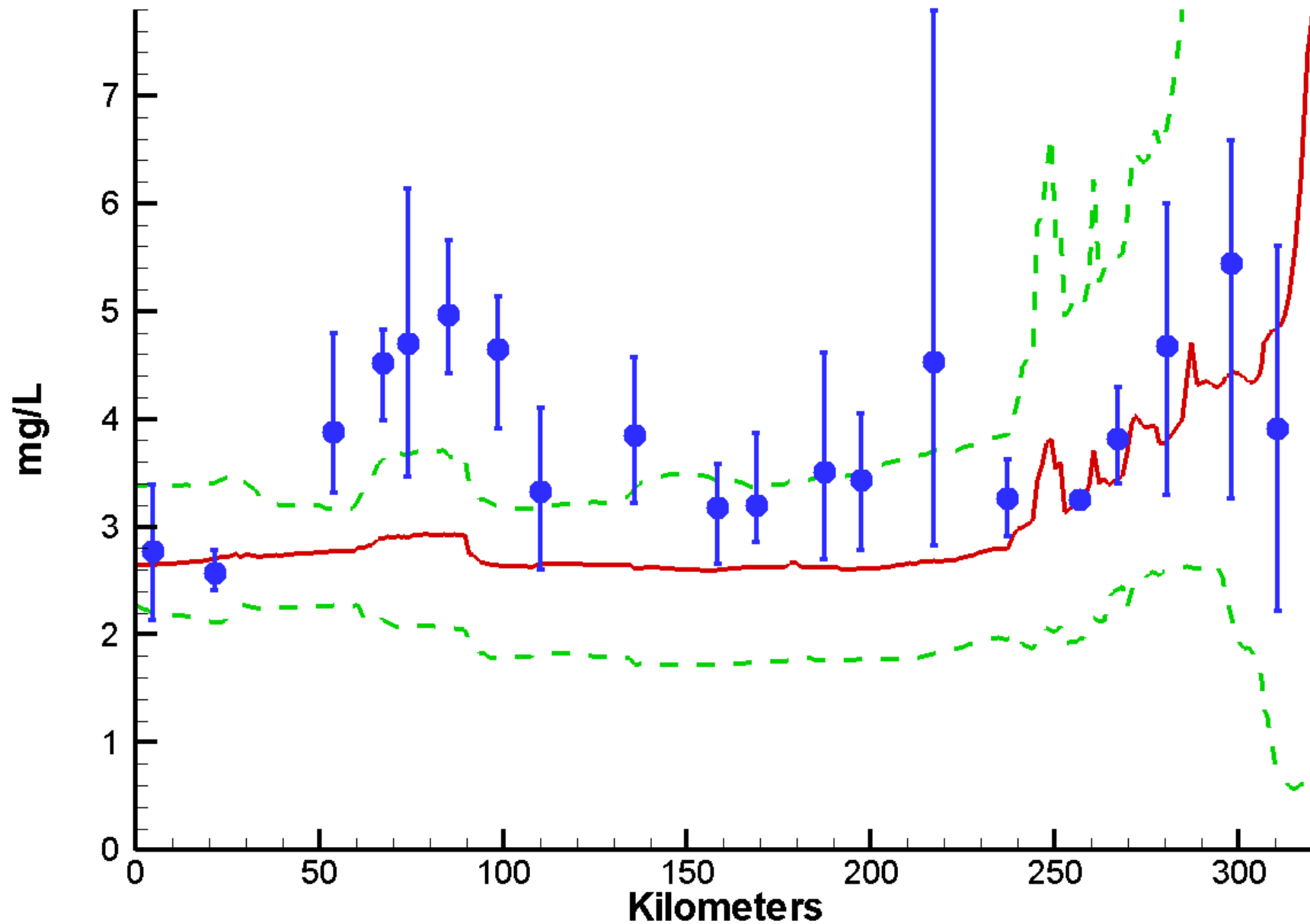
# Mainstem Bay Ches2015 Run118

## Surface Total Nitrogen Winter 1994



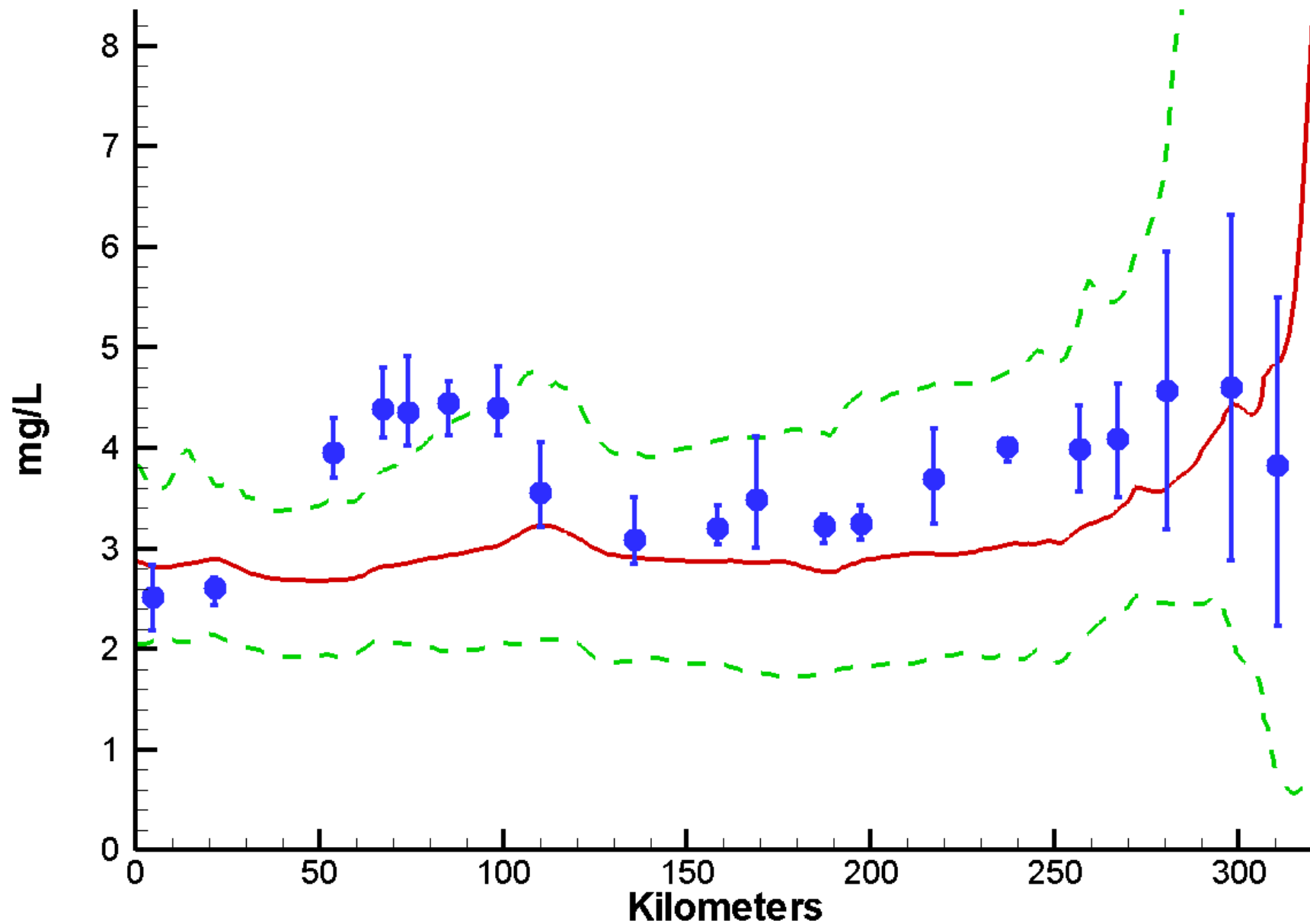
# Mainstem Bay Ches2015 Run118

## Bottom Total Organic Carbon Winter 1994



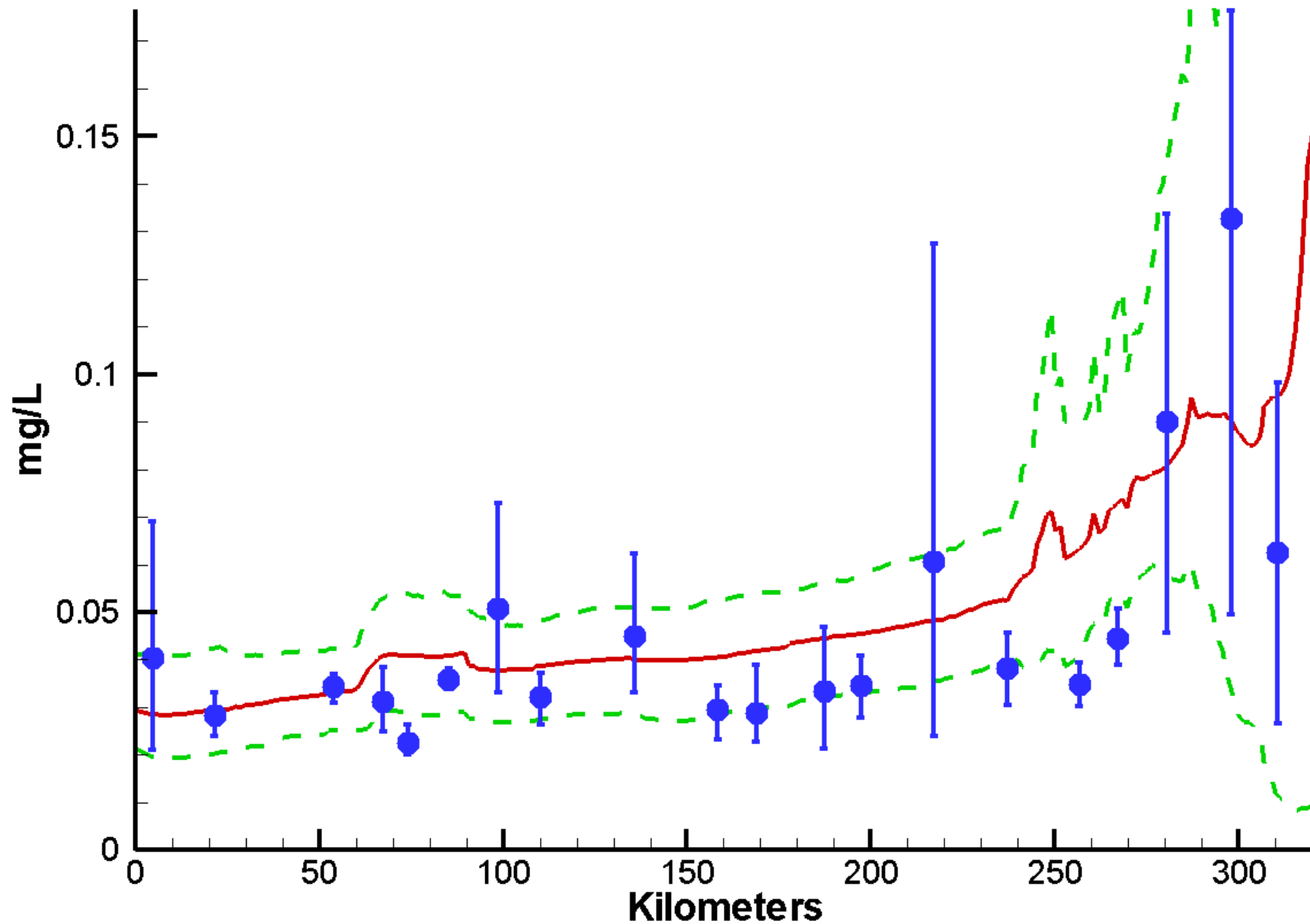
# Mainstem Bay Ches2015 Run118

## Surface Total Organic Carbon Winter 1994



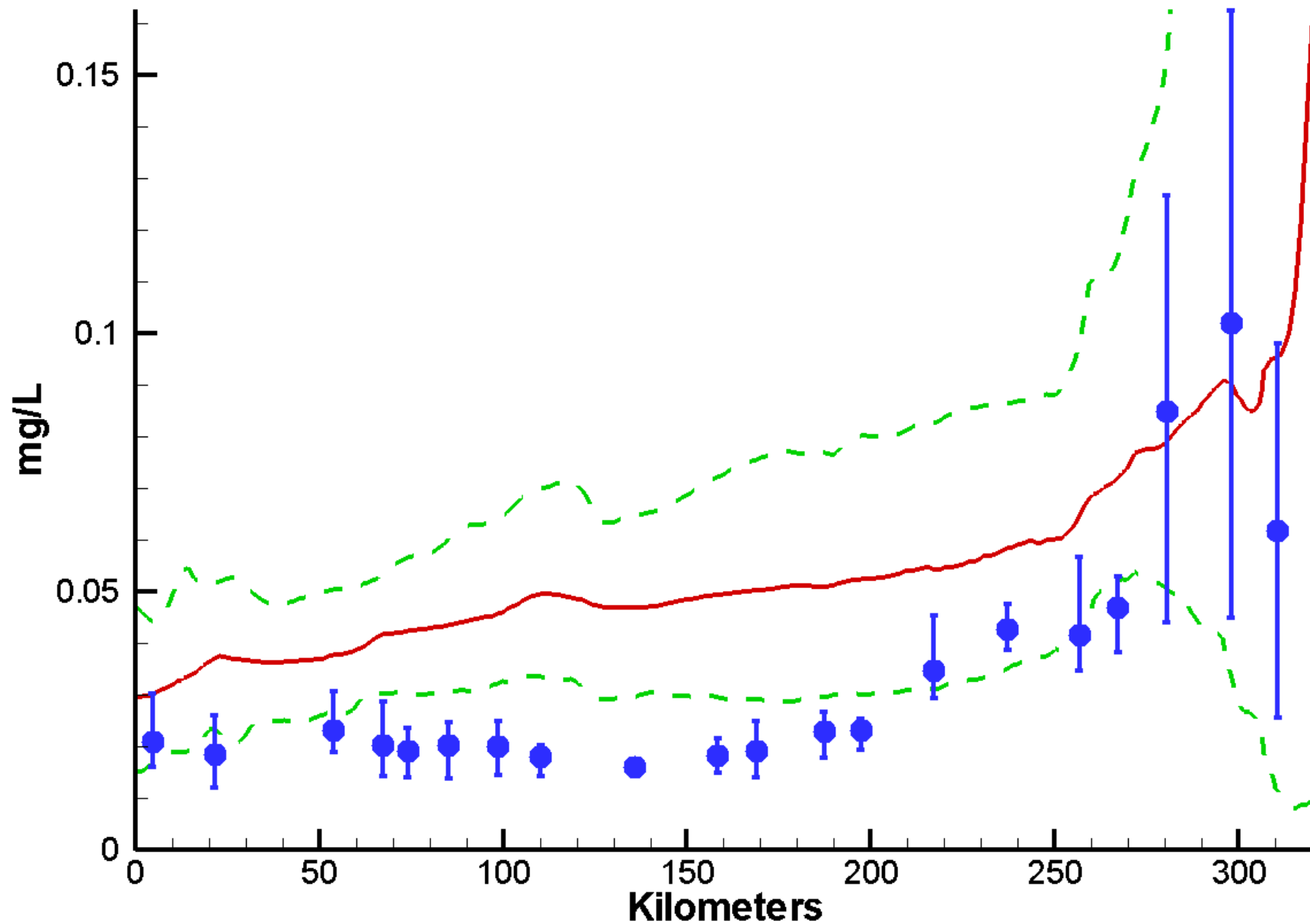
# Mainstem Bay Ches2015 Run118

## Bottom Total Phosphorus Winter 1994



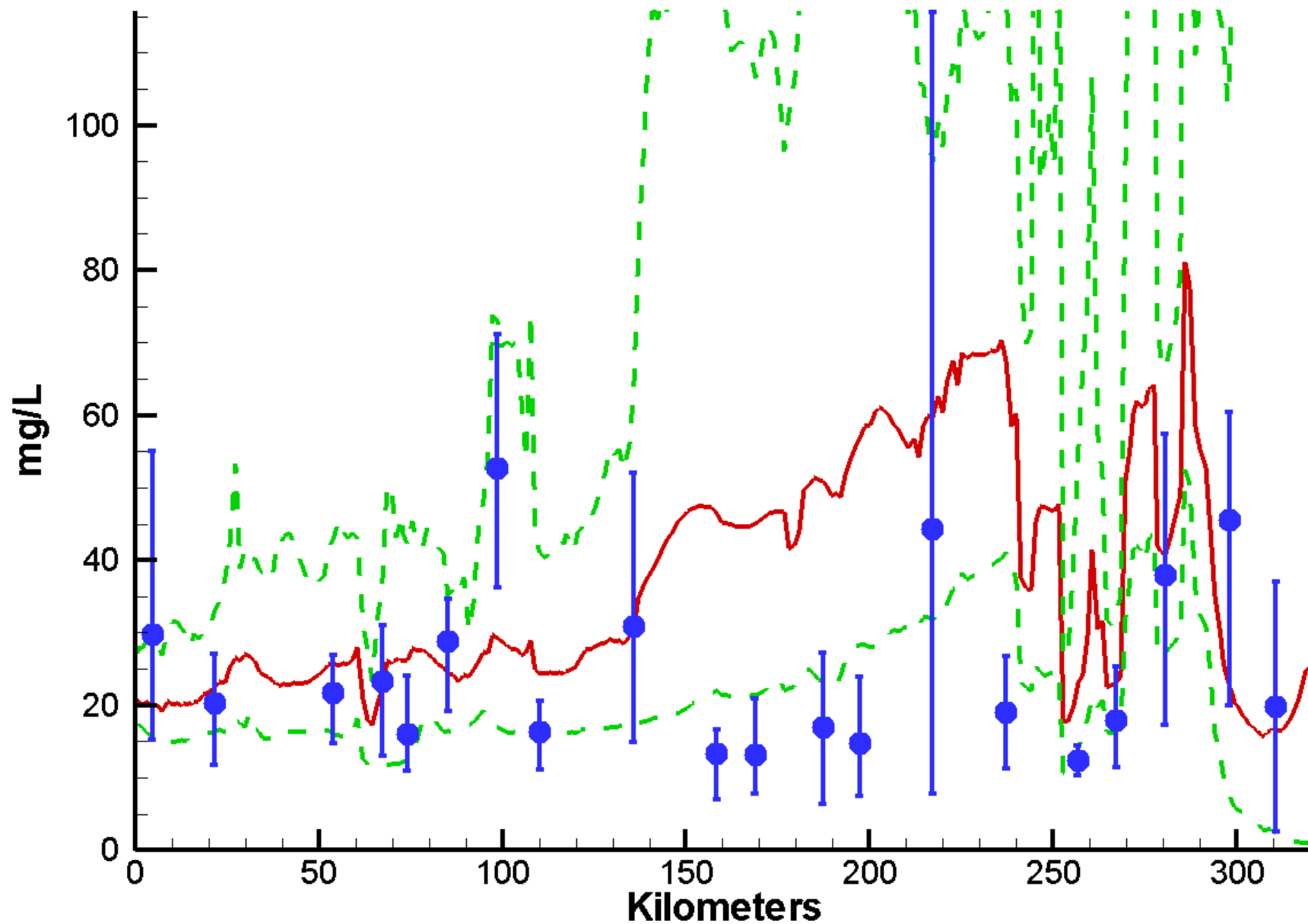
# Mainstem Bay Ches2015 Run118

## Surface Total Phosphorus Winter 1994



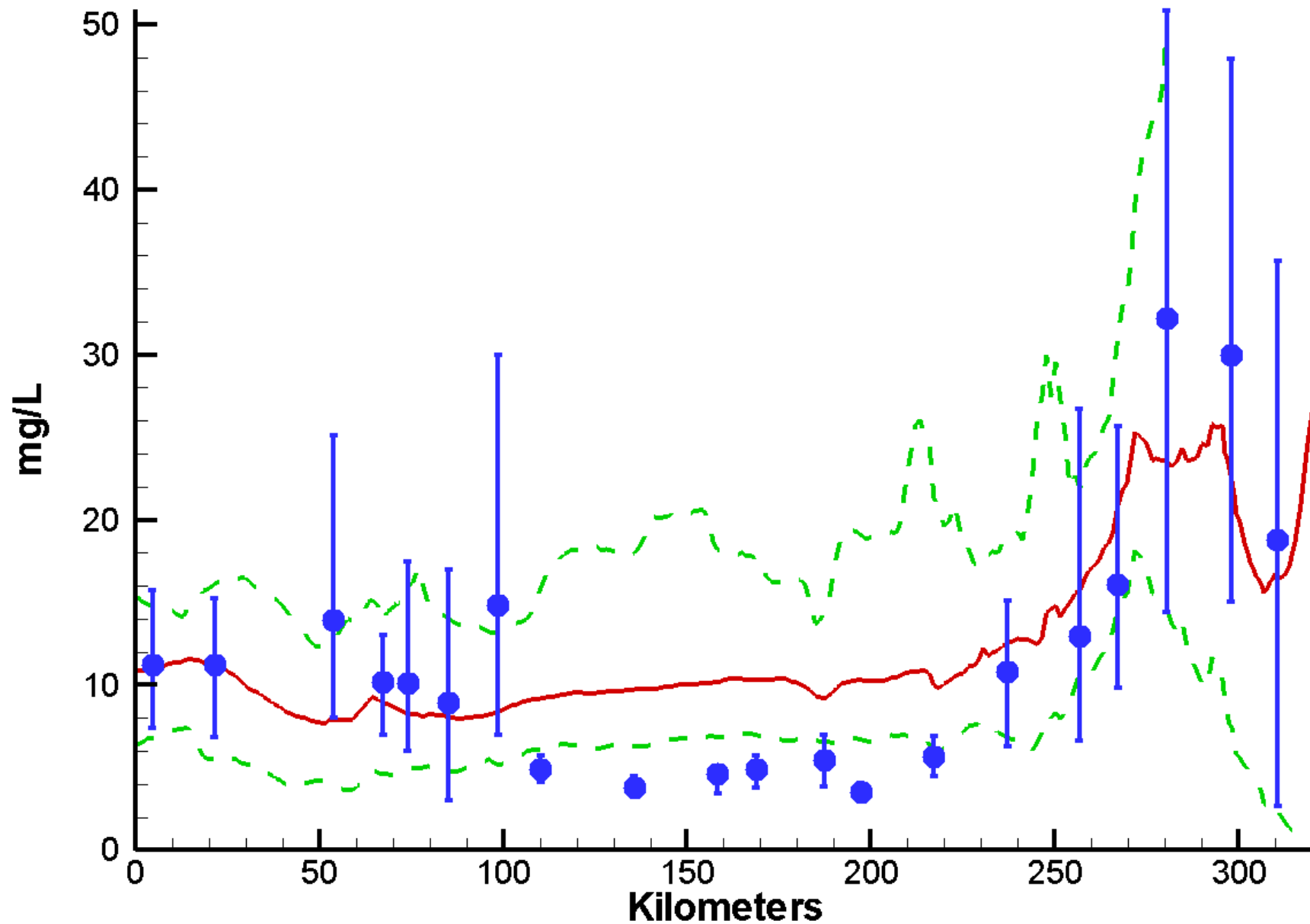
# Mainstem Bay Ches2015 Run118

## Bottom Total Suspended Solids Winter 1994



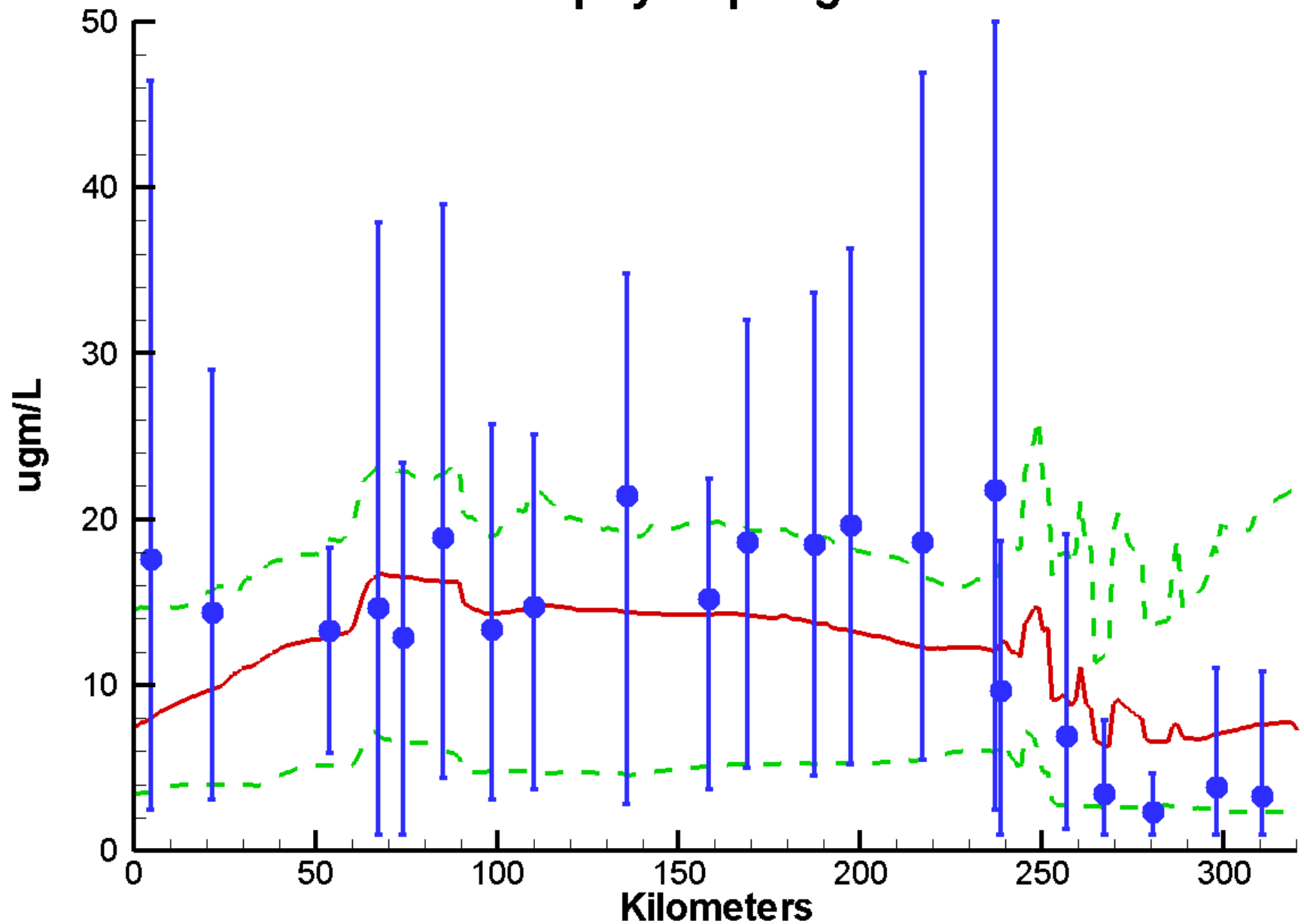
# Mainstem Bay Ches2015 Run118

## Surface Total Suspended Solids Winter 1994



# Mainstem Bay Ches2015 Run118

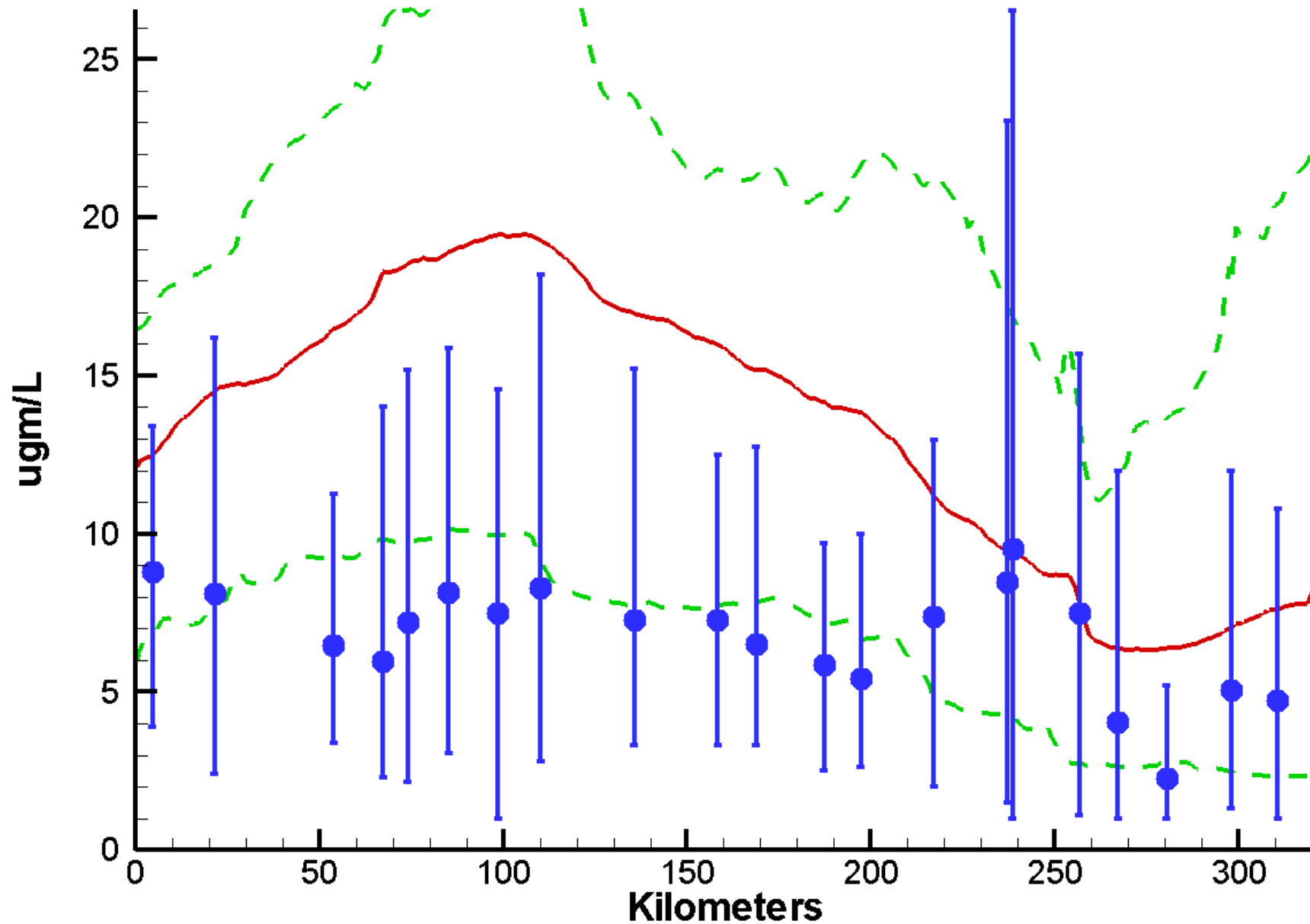
## Bottom Chlorophyll Spring 1994





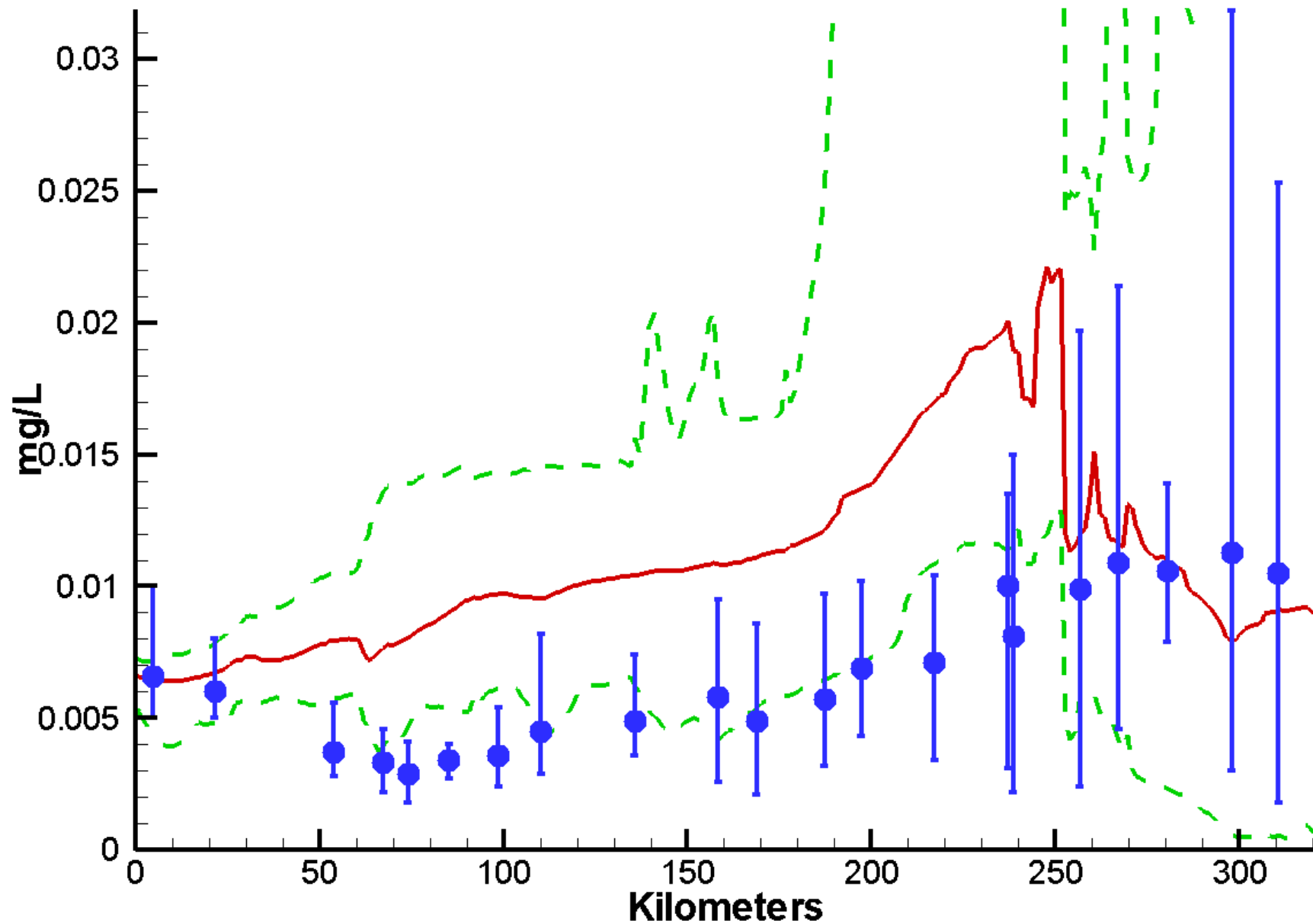
# Mainstem Bay Ches2015 Run118

## Surface Chlorophyll Spring 1994



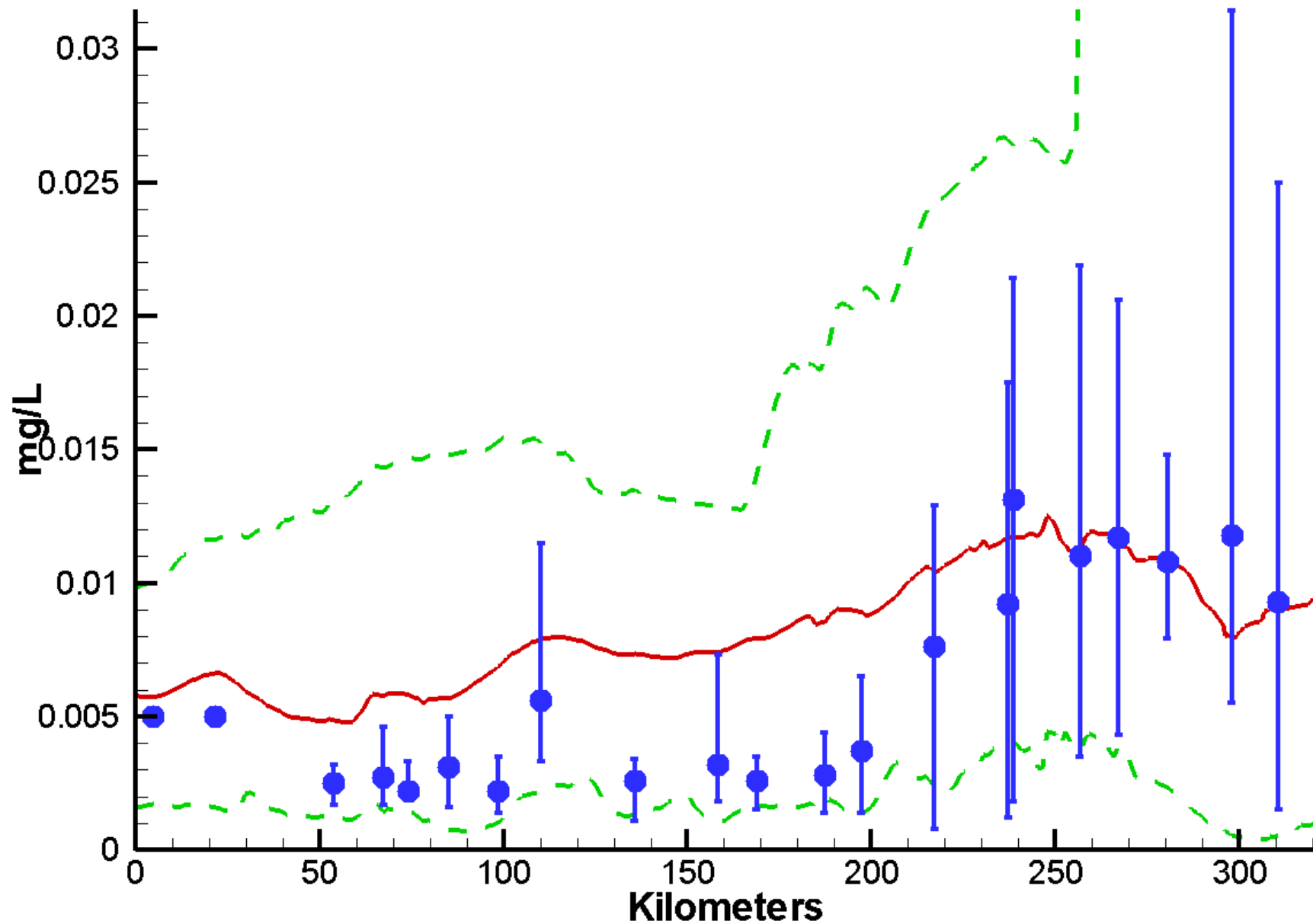
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1994



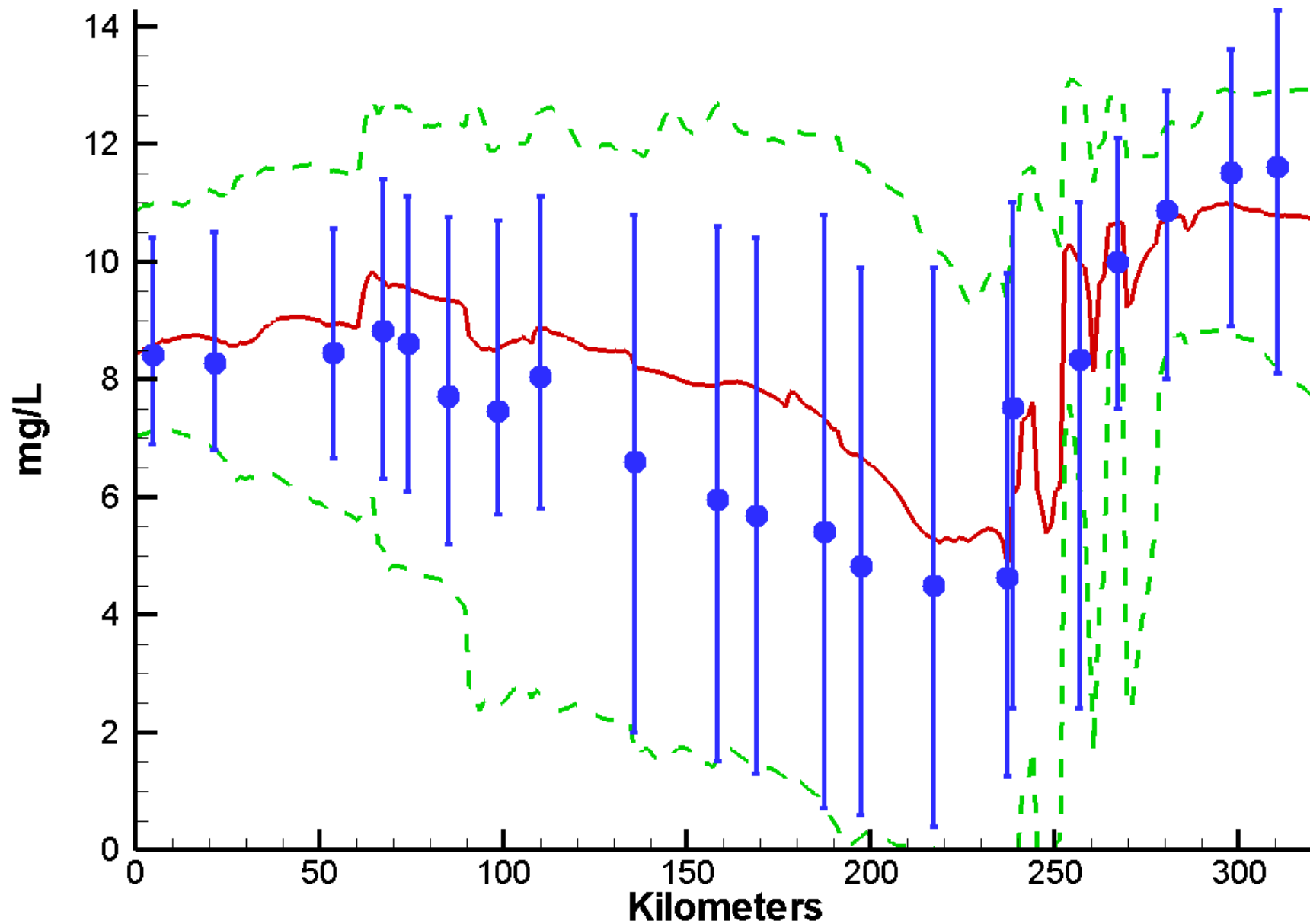
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Phosphate Spring 1994



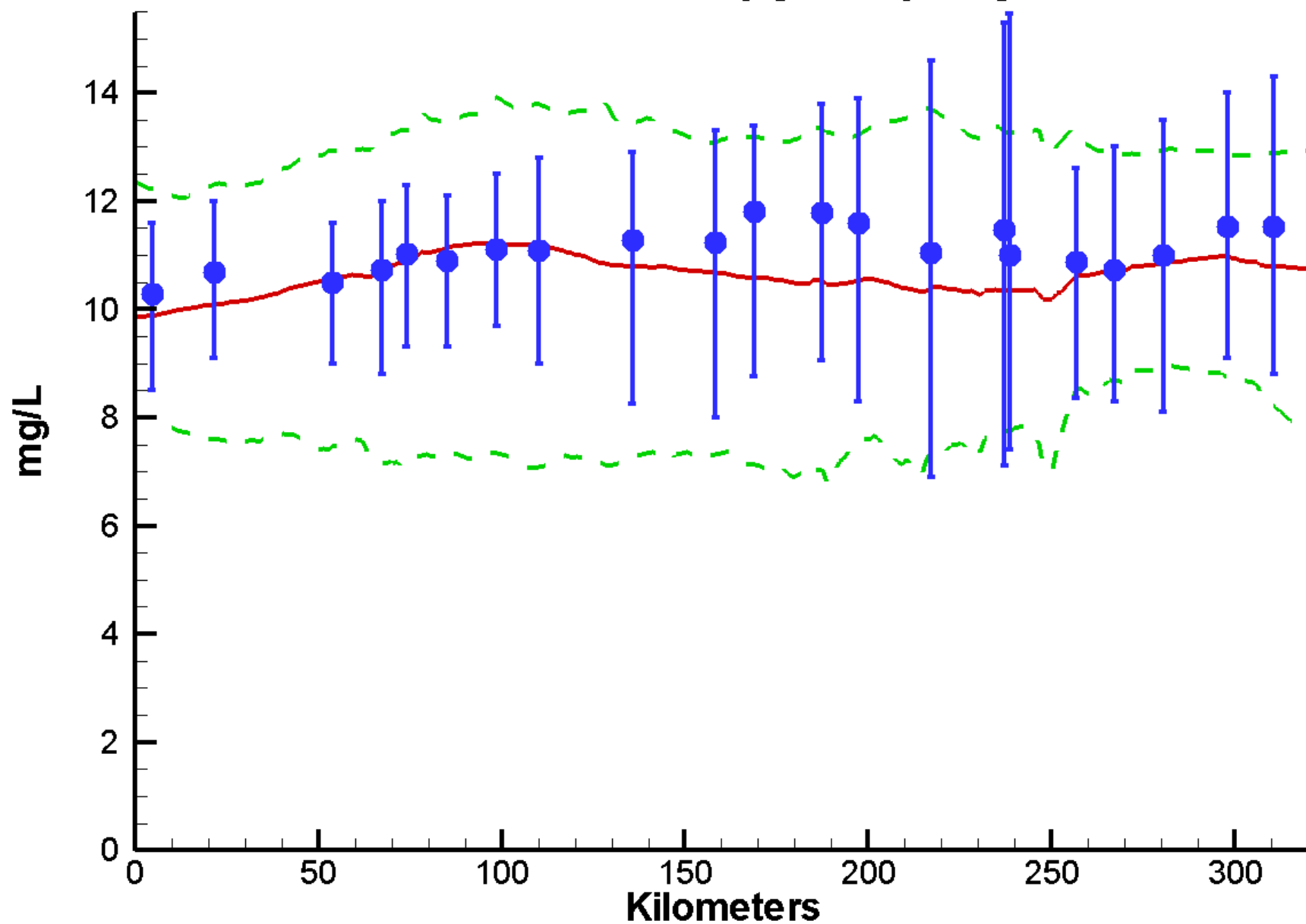
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Oxygen Spring 1994



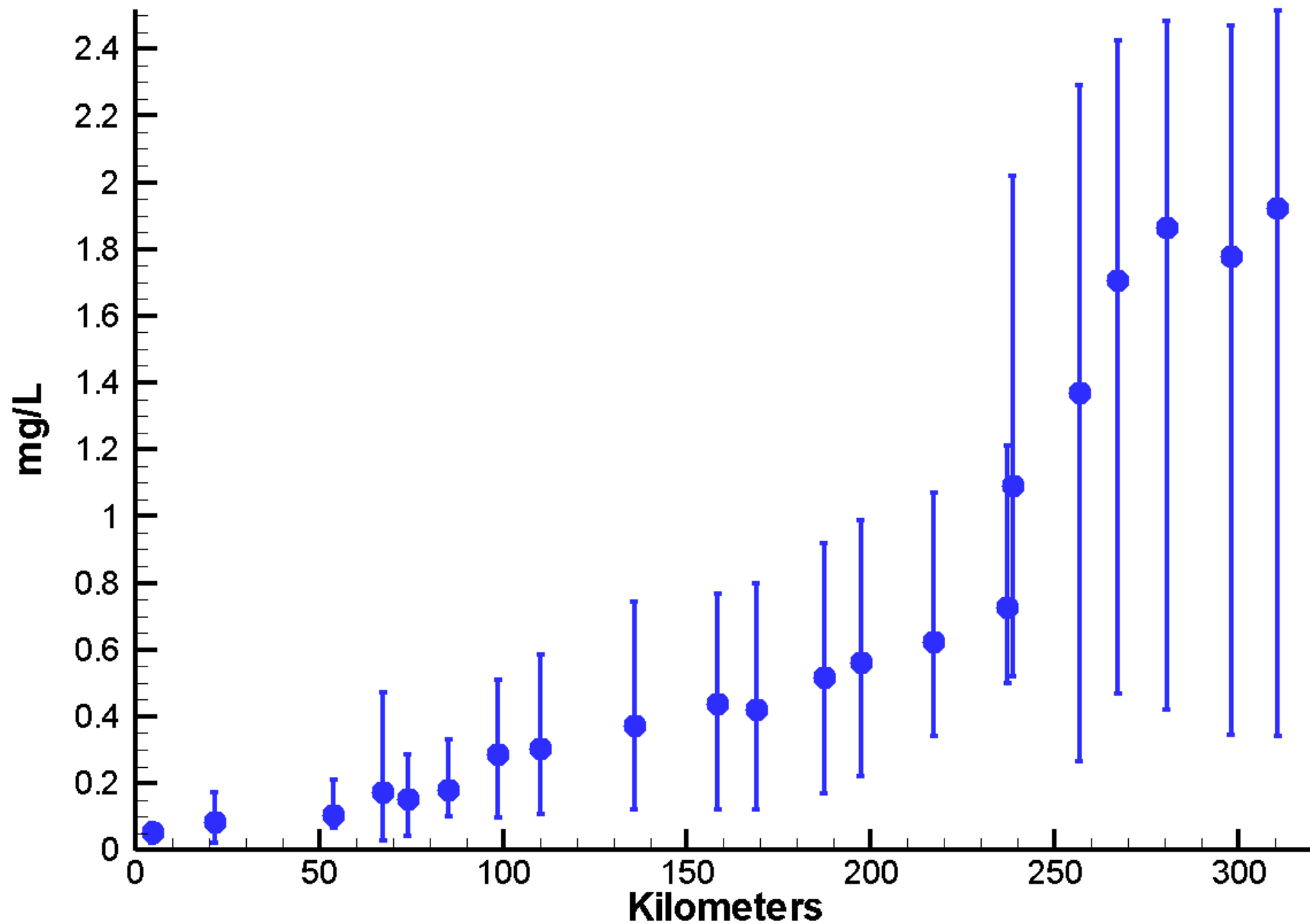
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Oxygen Spring 1994



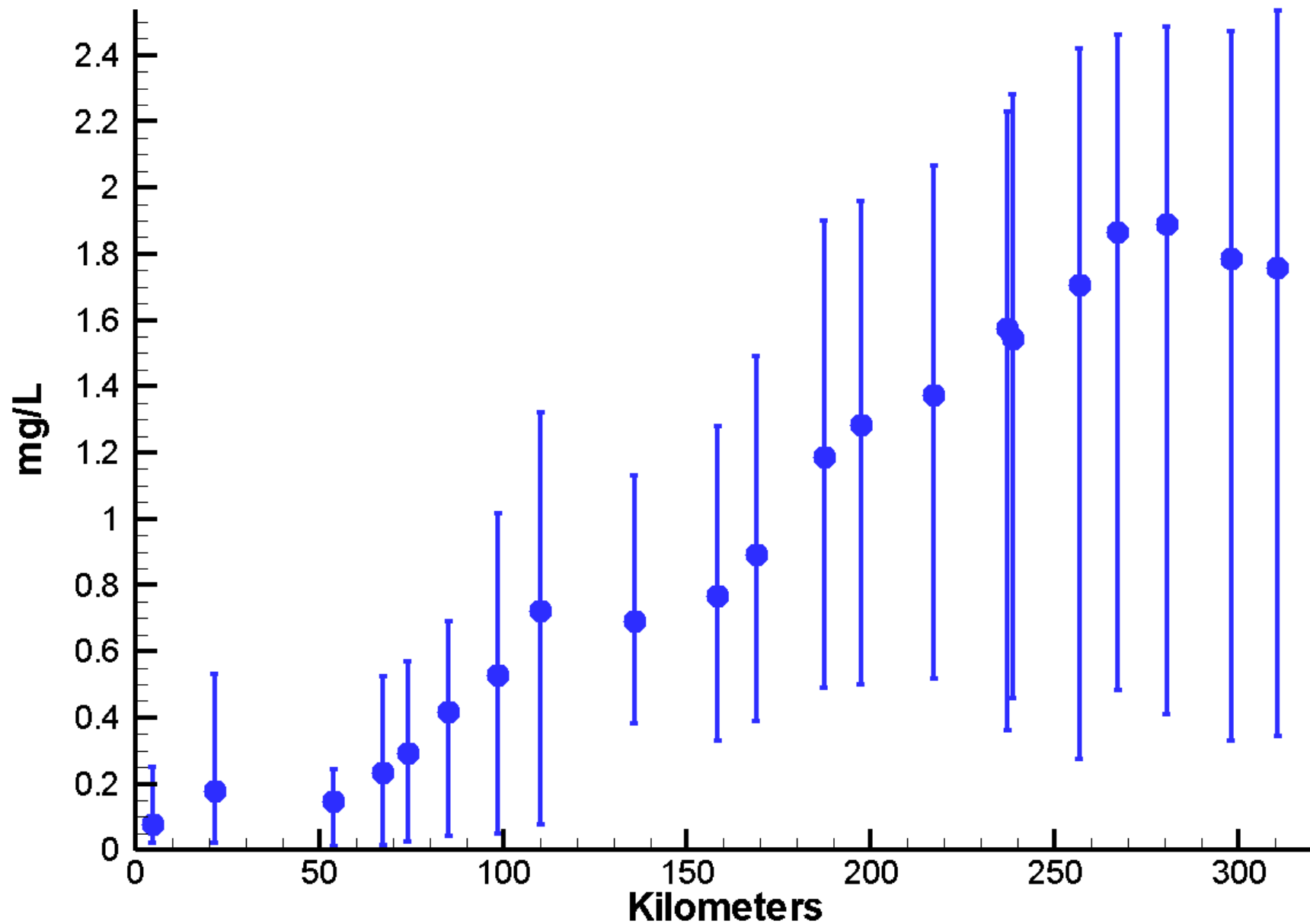
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Silica Spring 1994



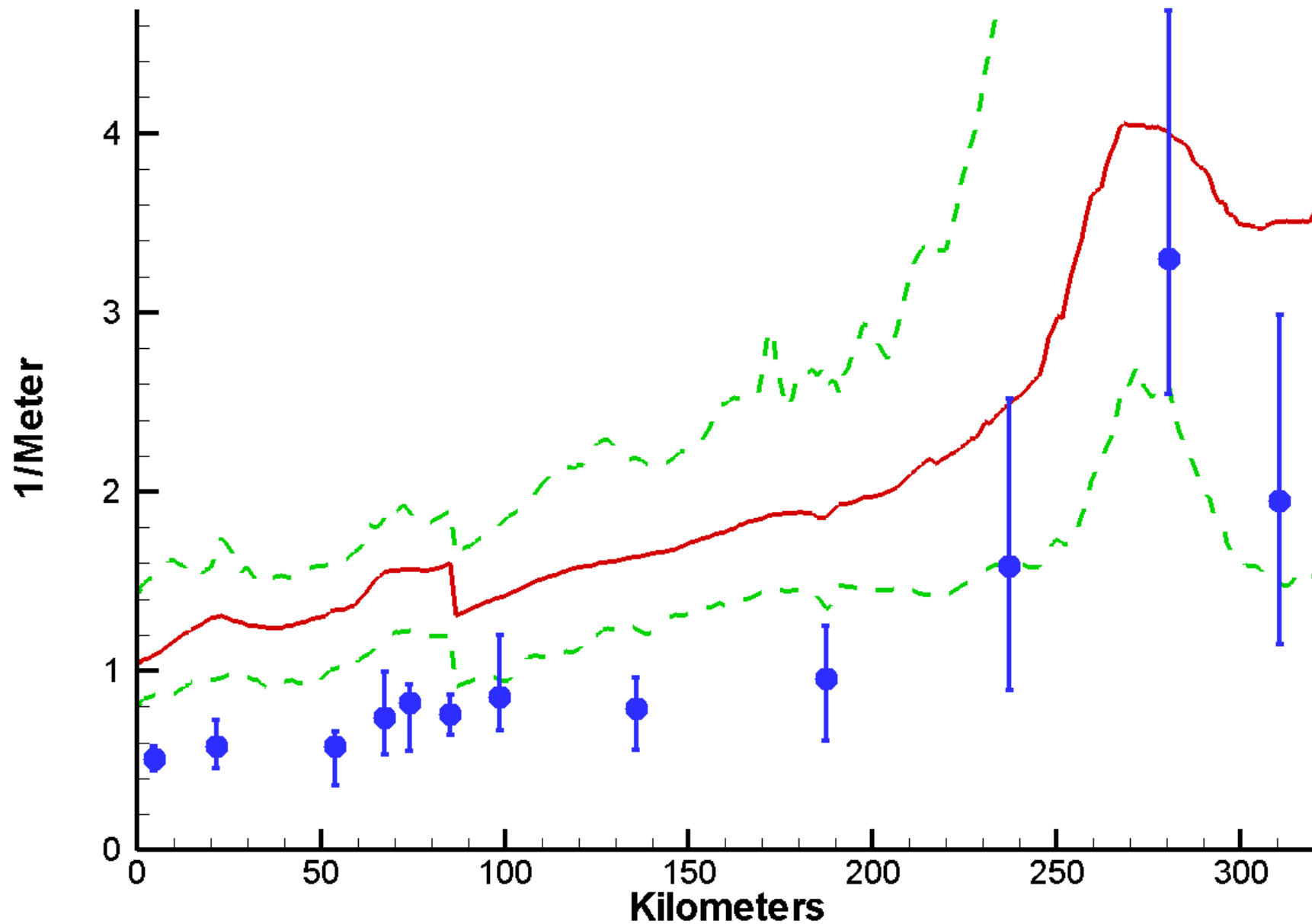
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Silica Spring 1994



# Mainstem Bay Ches2015 Run118

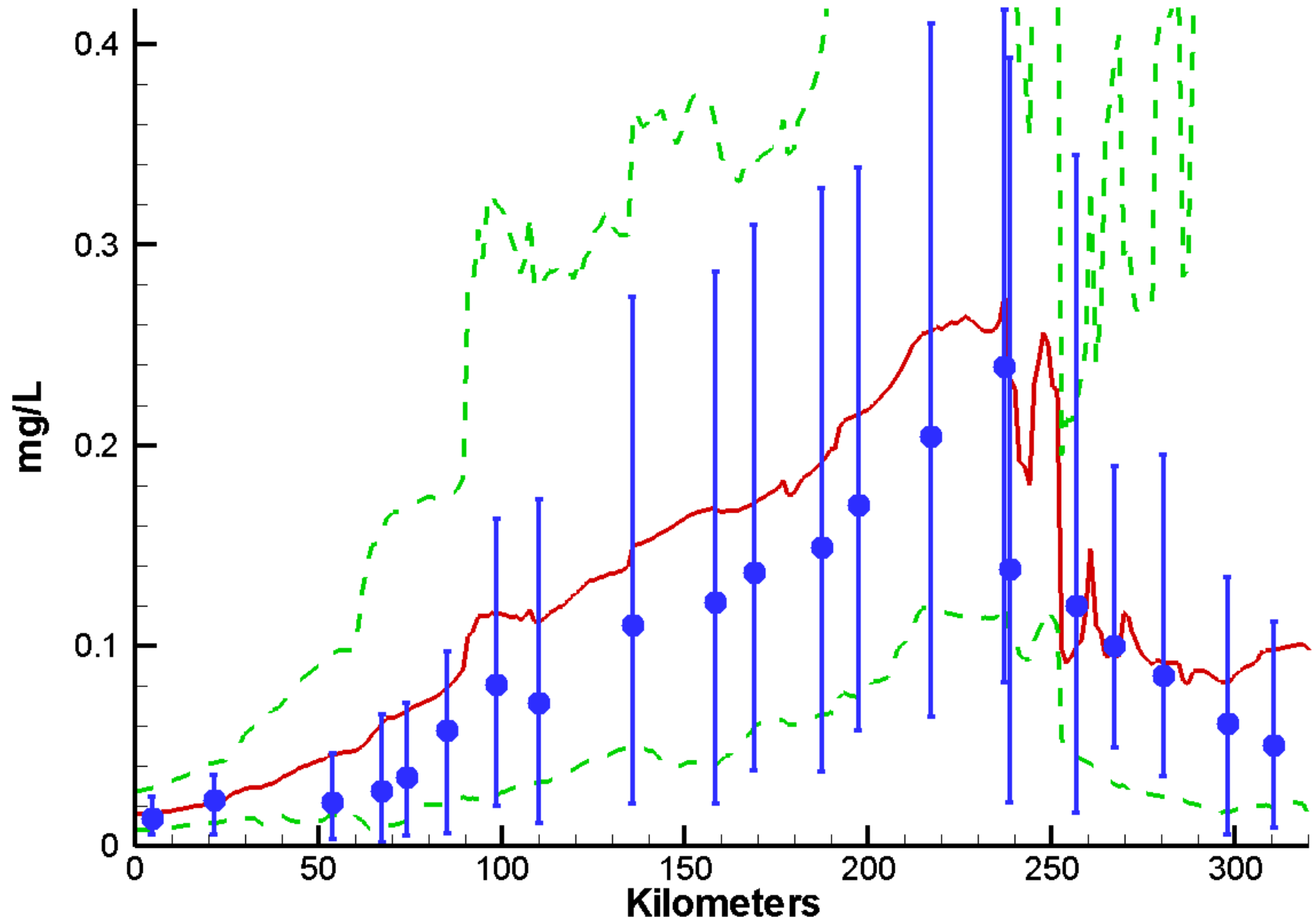
## Surface Light Extinction Spring 1994





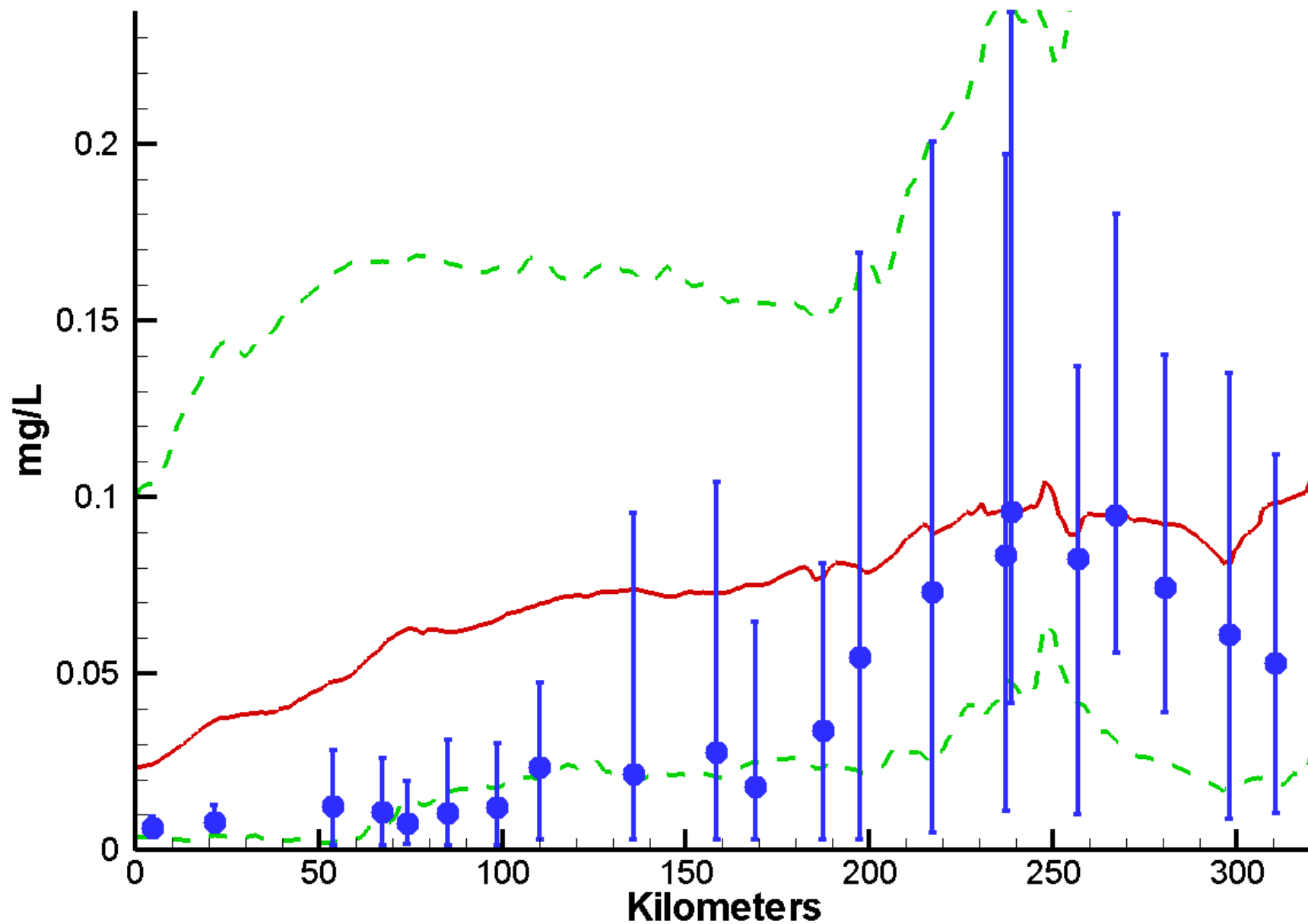
# Mainstem Bay Ches2015 Run118

## Bottom Ammonium Spring 1994



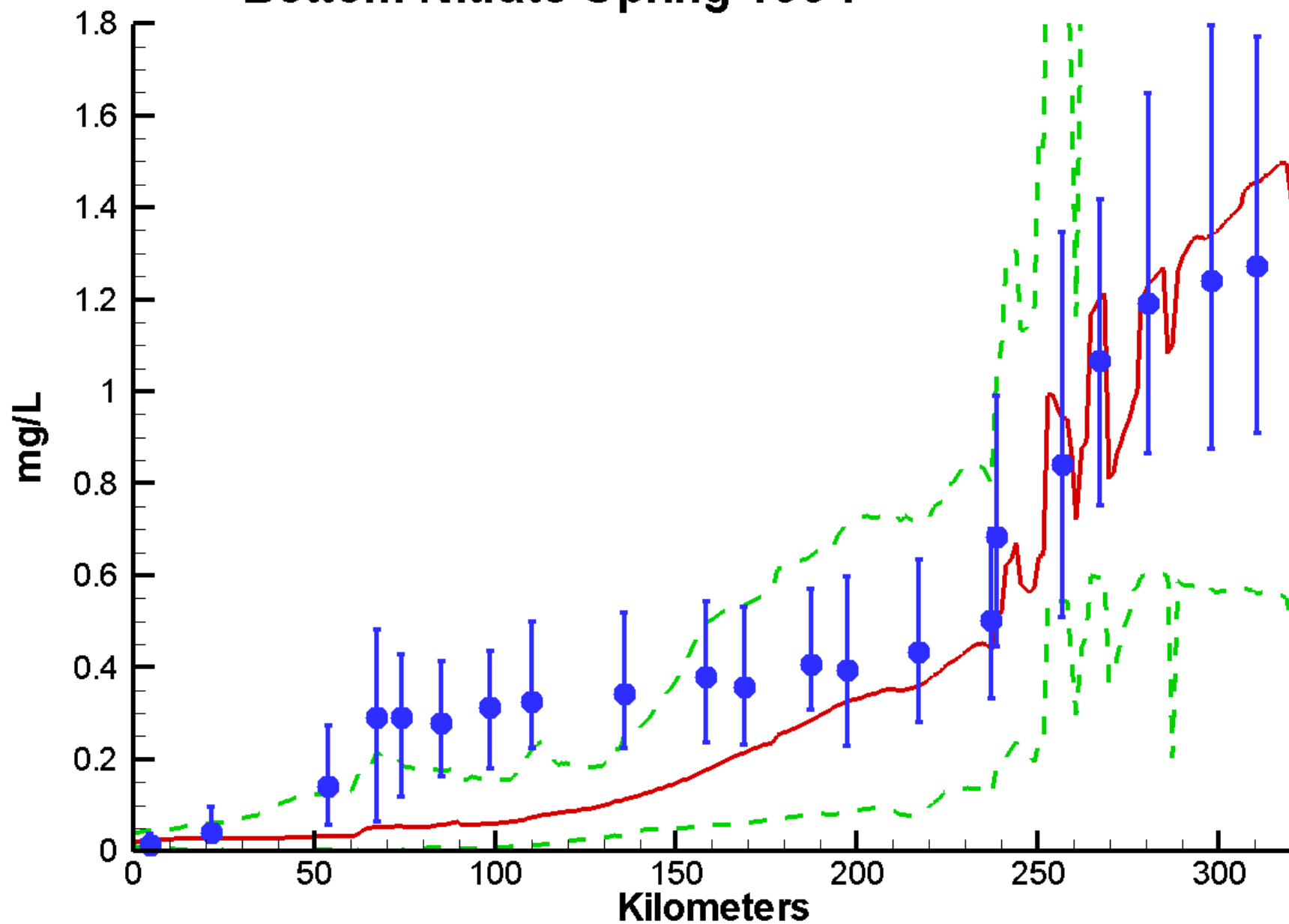
# Mainstem Bay Ches2015 Run118

## Surface Ammonium Spring 1994



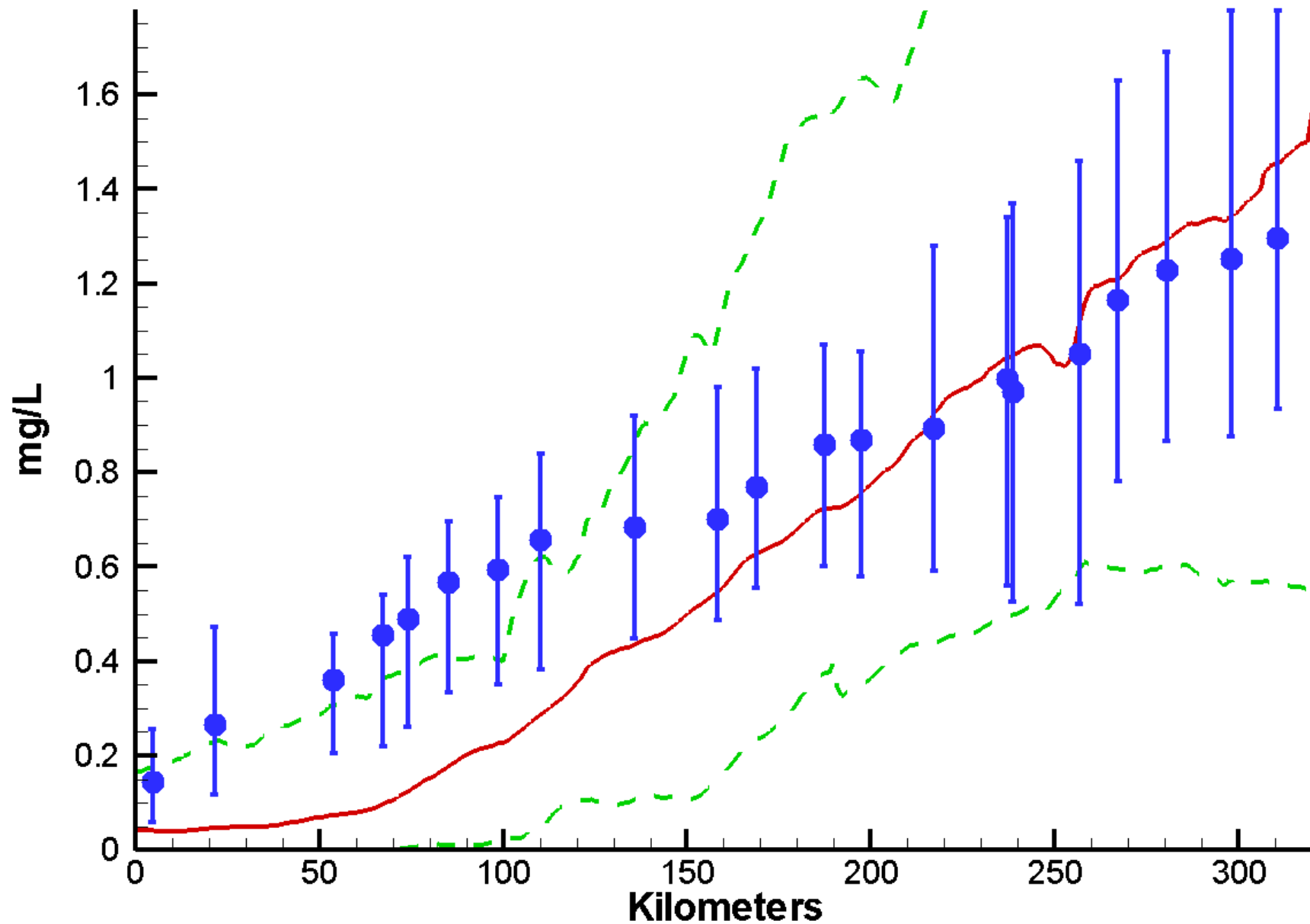
# Mainstem Bay Ches2015 Run118

## Bottom Nitrate Spring 1994



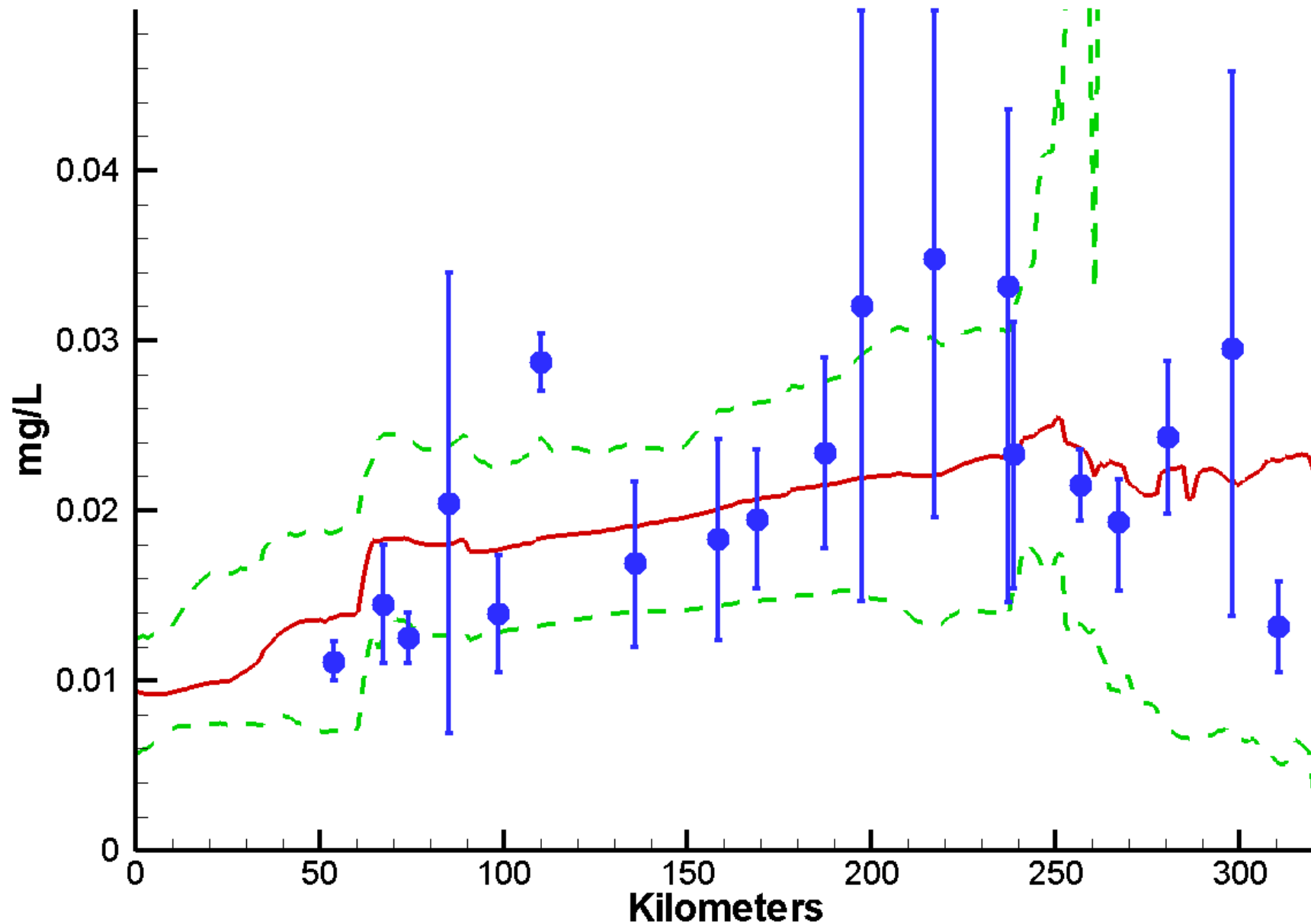
# Mainstem Bay Ches2015 Run118

## Surface Nitrate Spring 1994



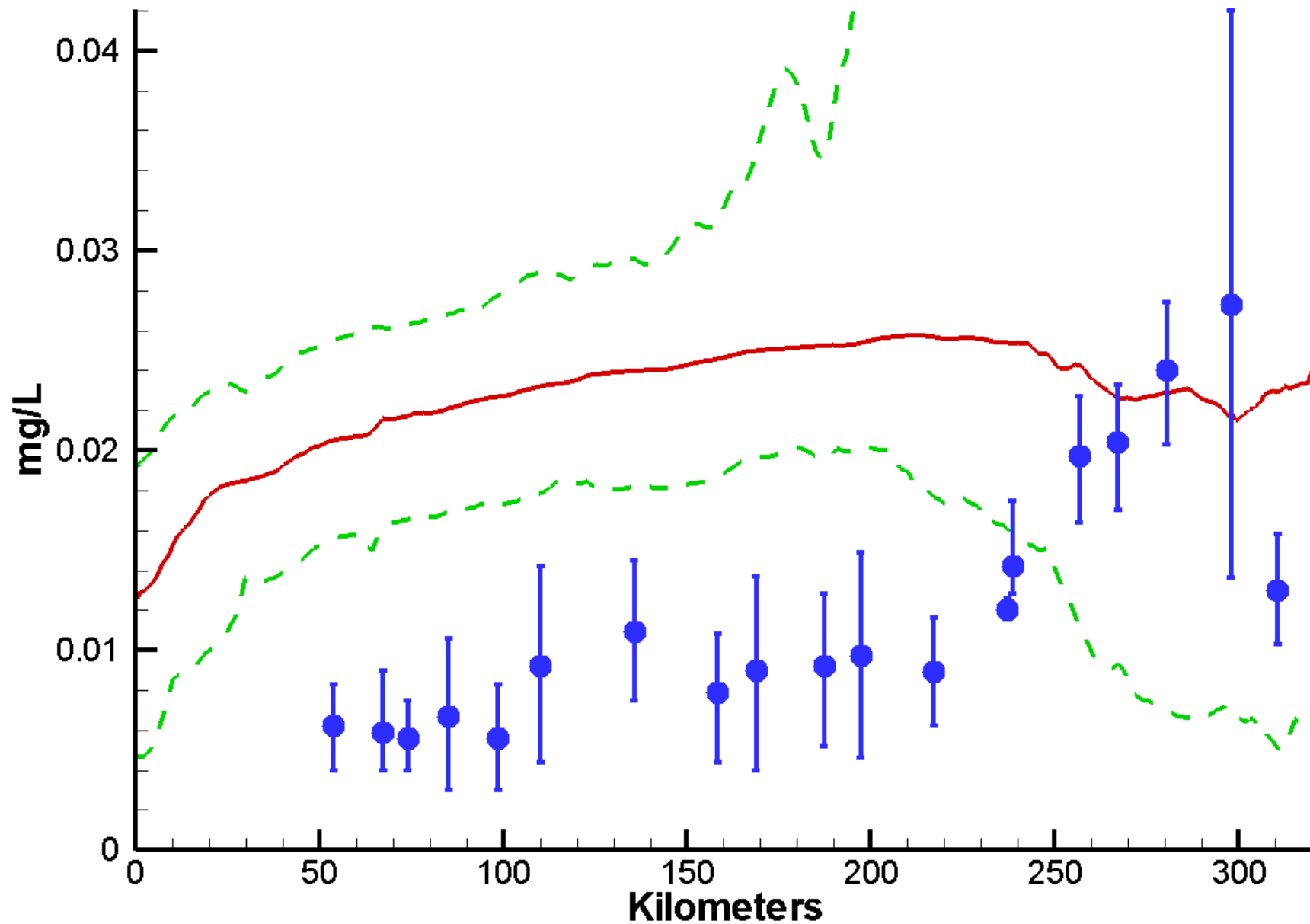
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1994



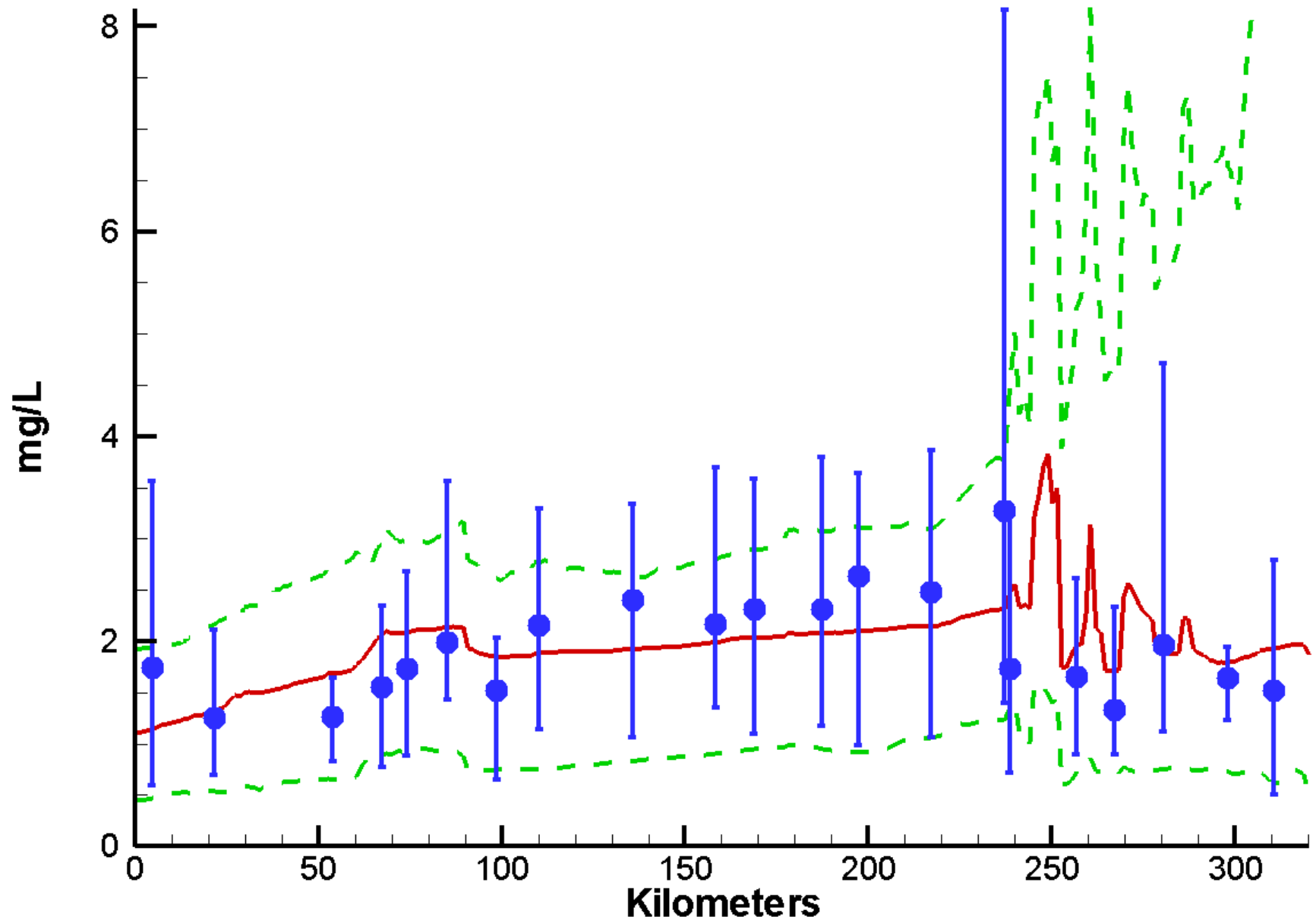
# Mainstem Bay Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1994



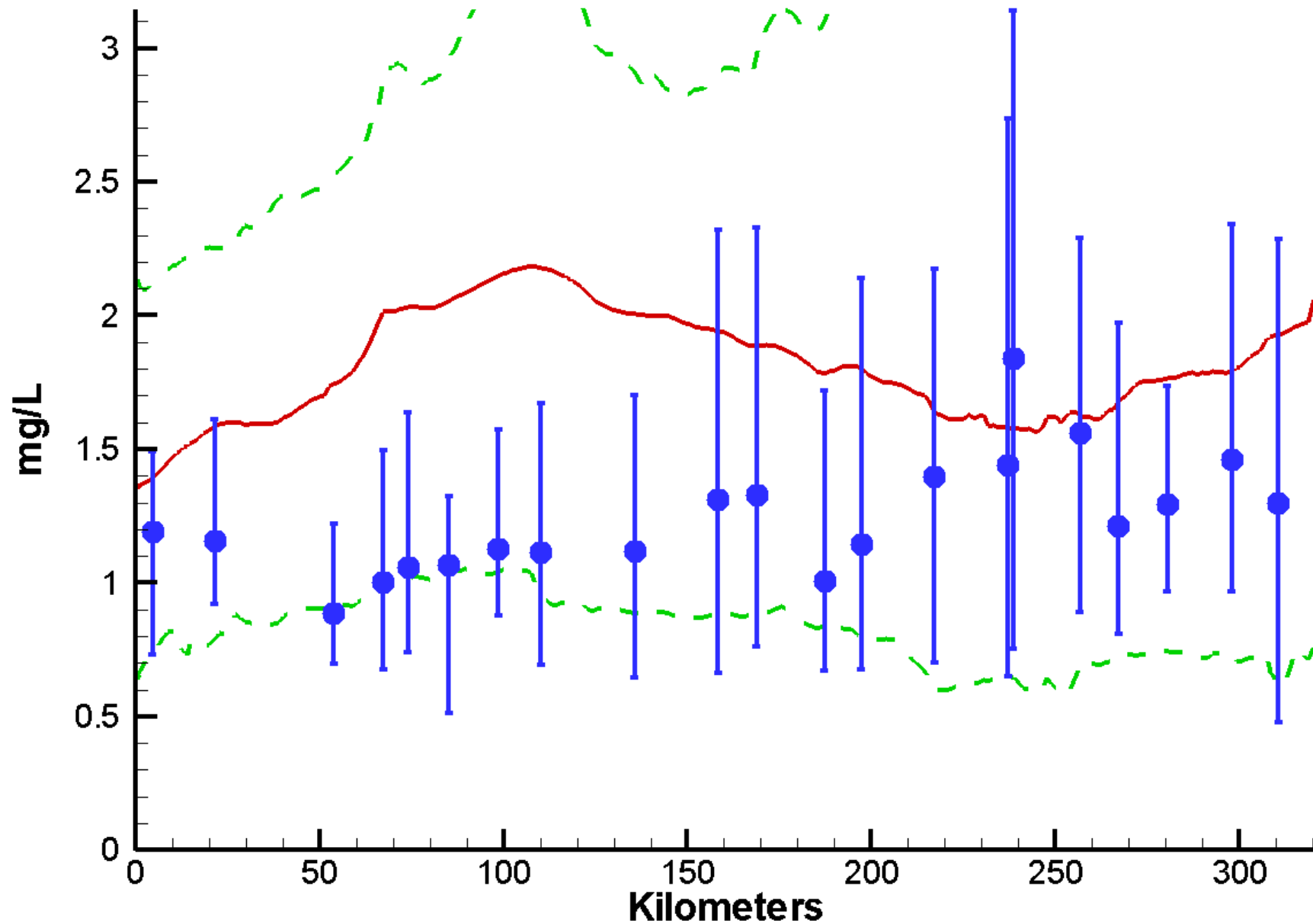
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1994



# Mainstem Bay Ches2015 Run118

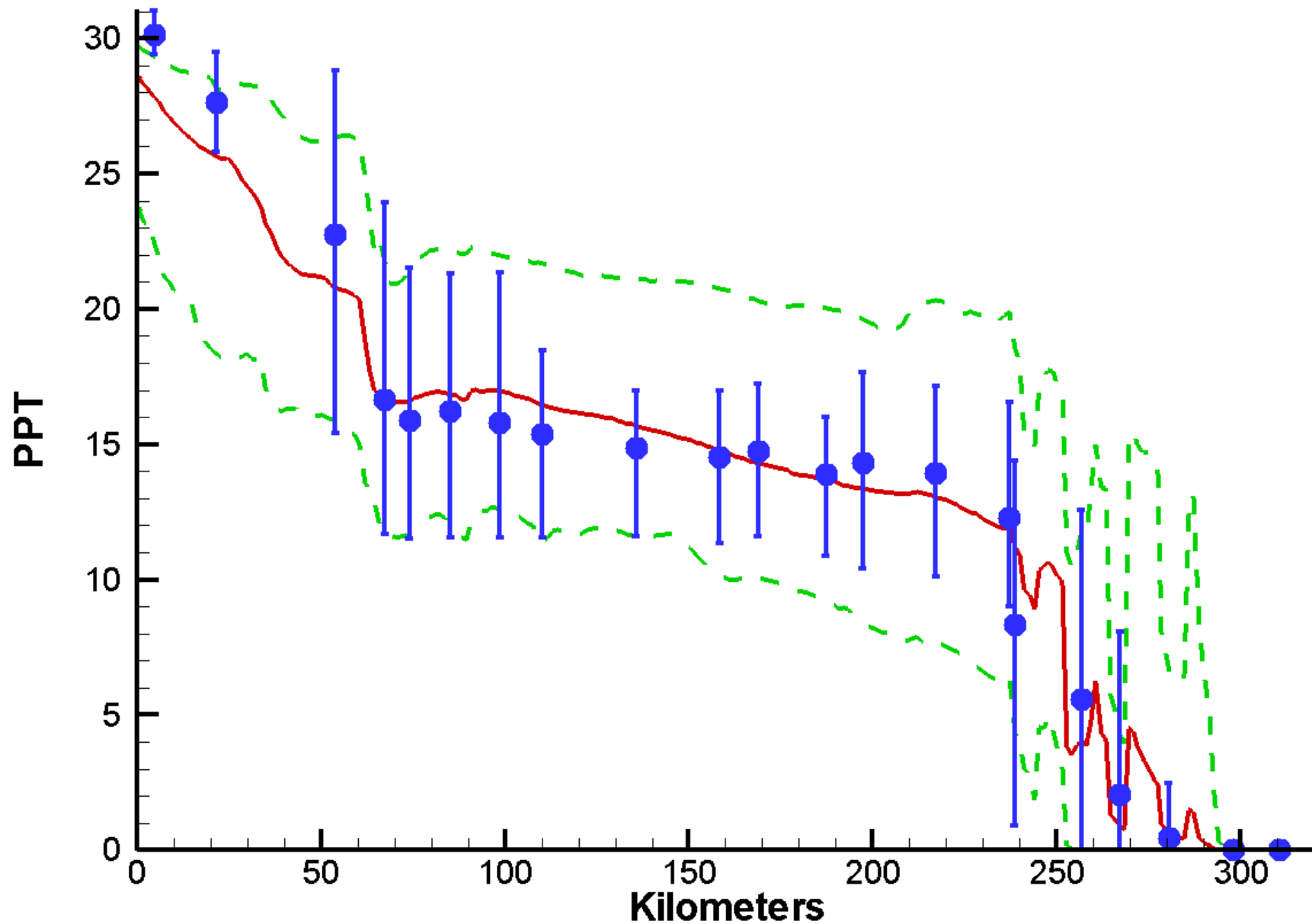
## Surface Particulate Organic Carbon Spring 1994





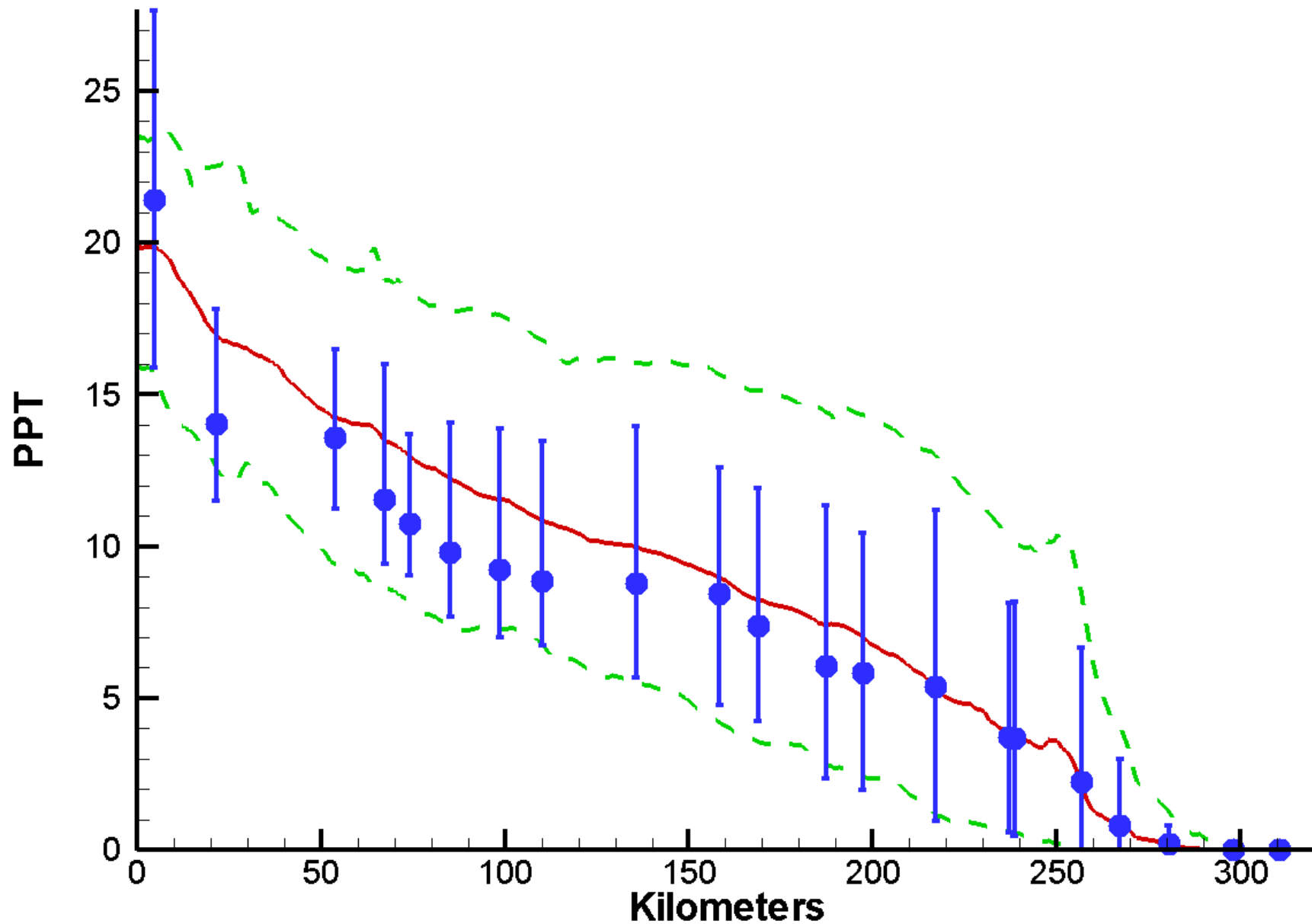
# Mainstem Bay Ches2015 Run118

## Bottom Salinity Spring 1994



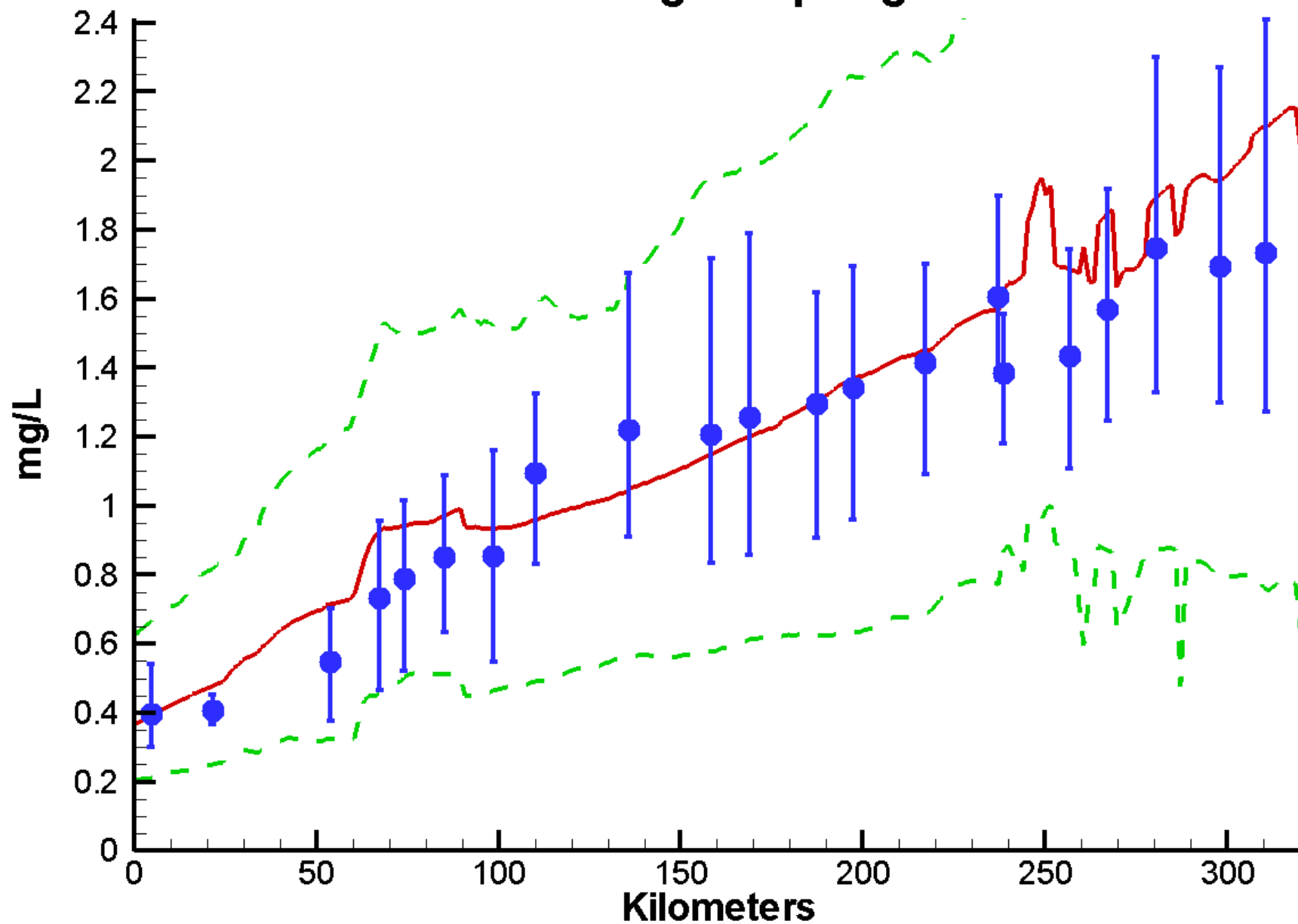
# Mainstem Bay Ches2015 Run118

## Surface Salinity Spring 1994



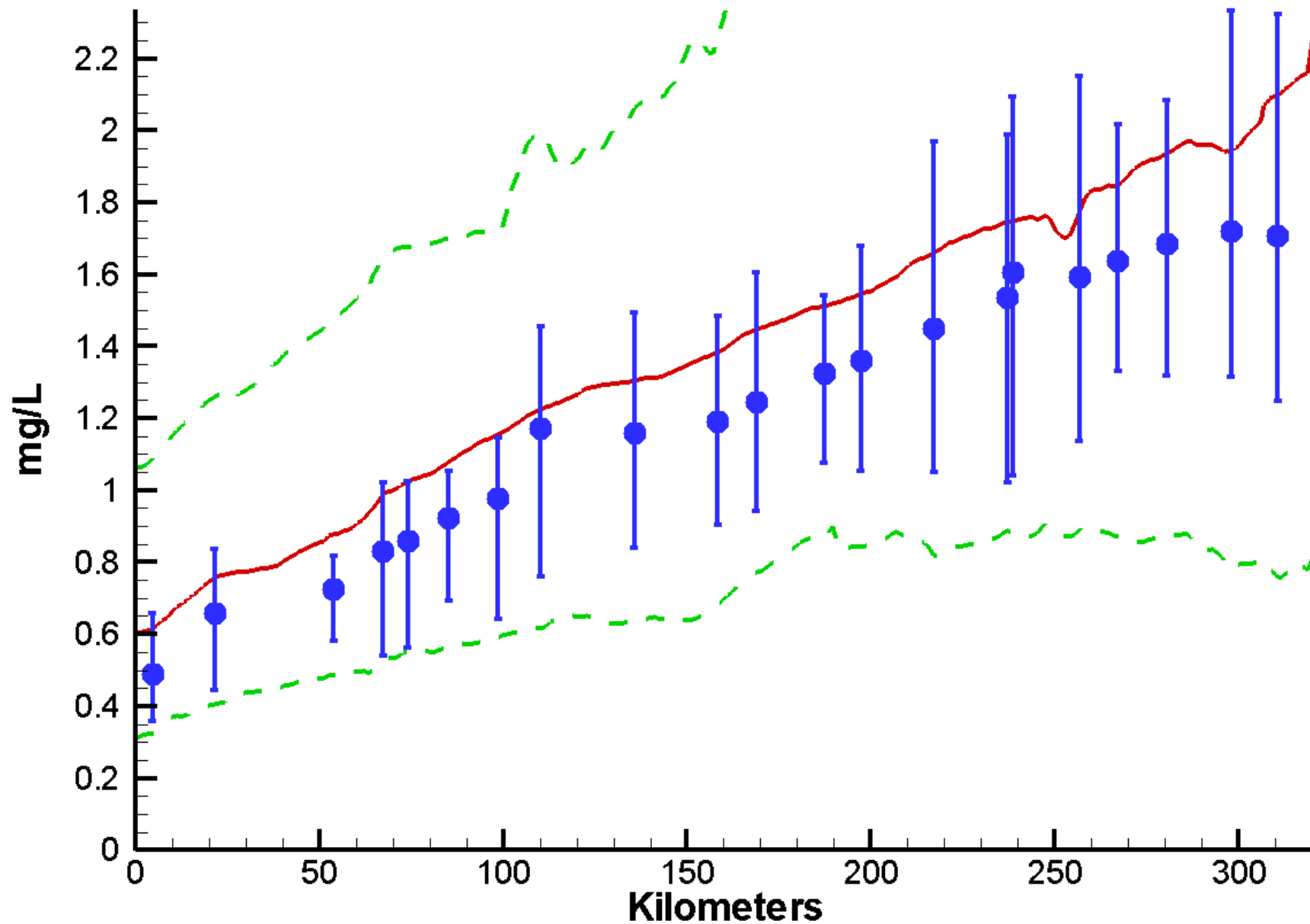
# Mainstem Bay Ches2015 Run118

## Bottom Total Nitrogen Spring 1994



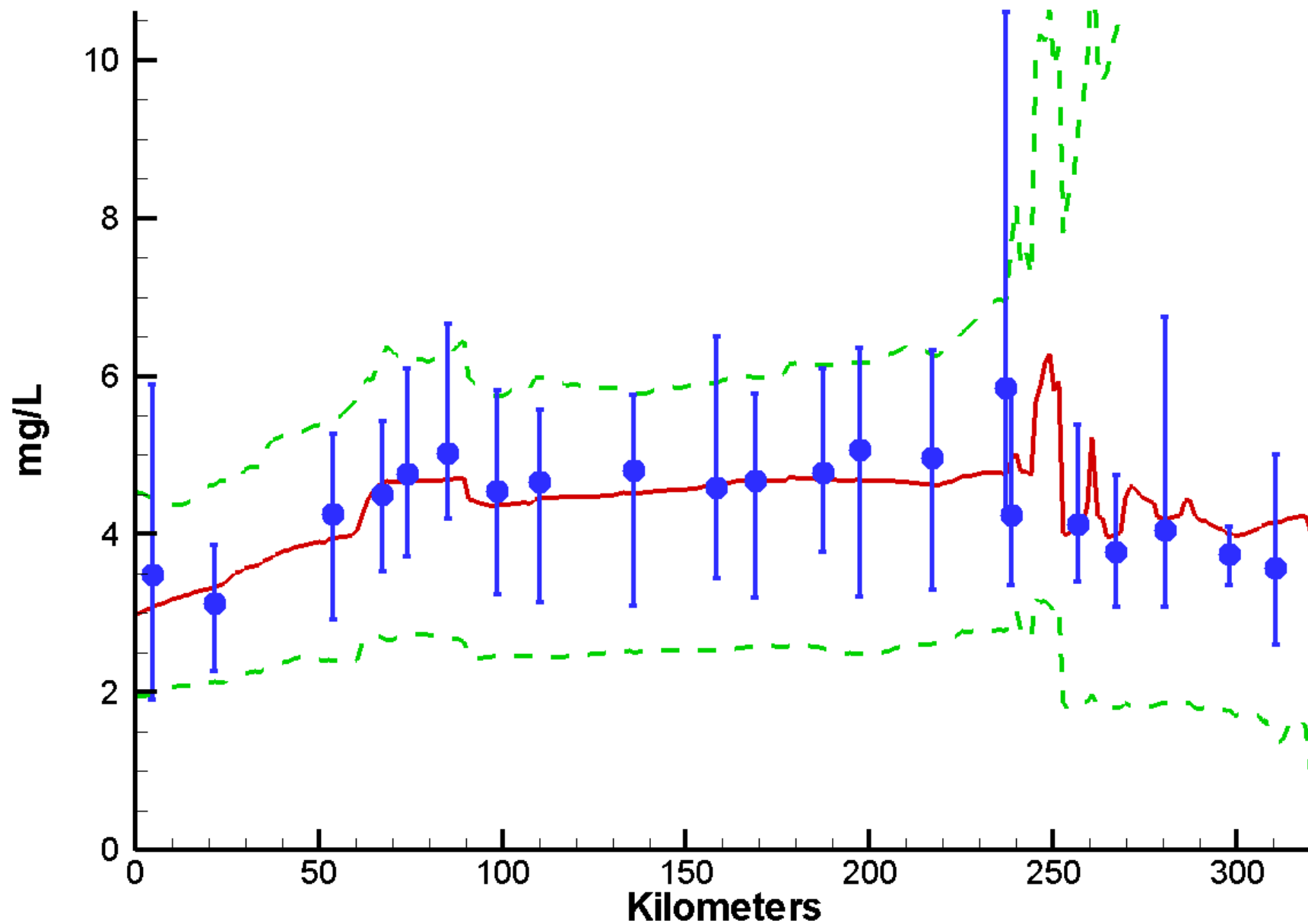
# Mainstem Bay Ches2015 Run118

## Surface Total Nitrogen Spring 1994



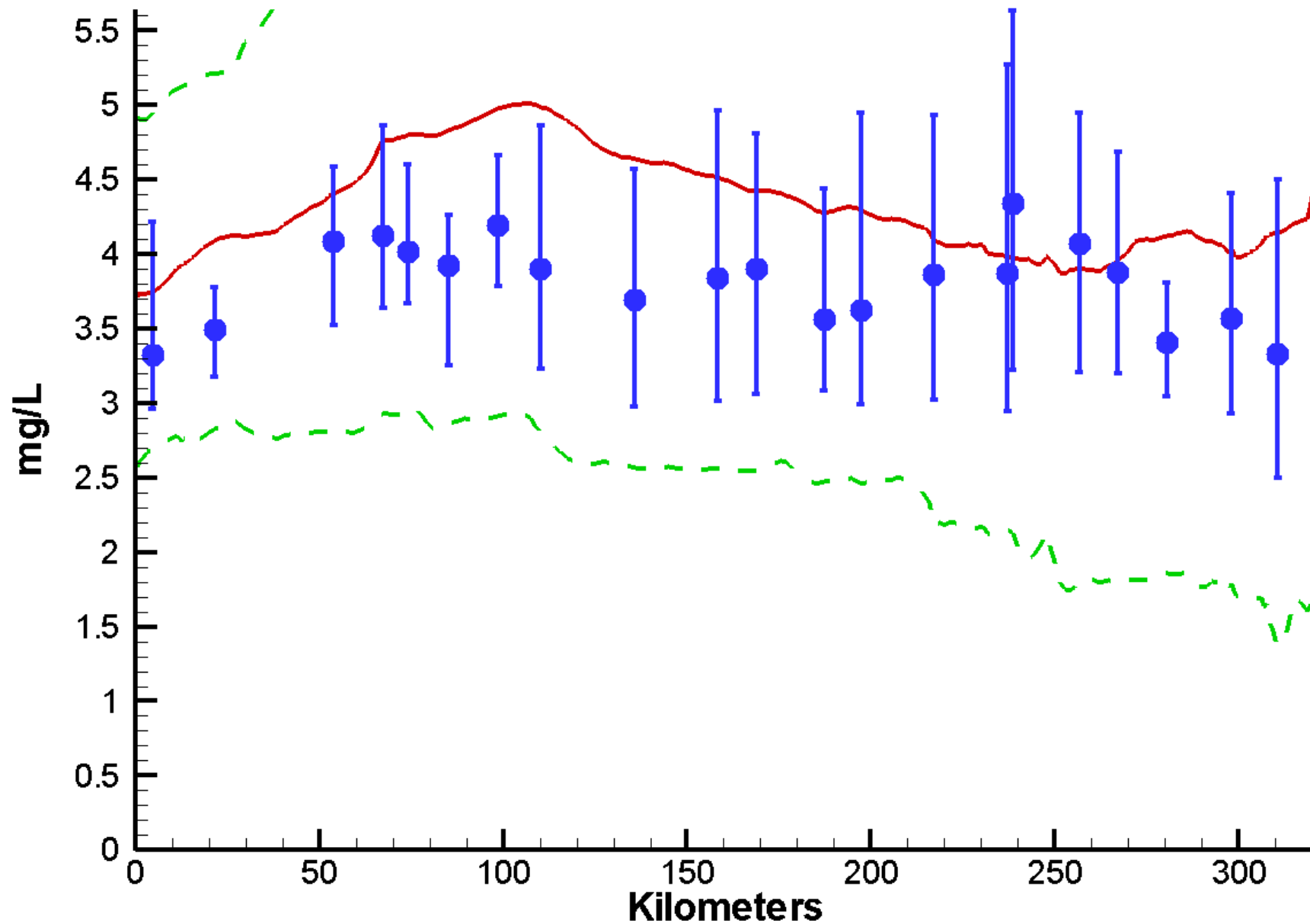
# Mainstem Bay Ches2015 Run118

## Bottom Total Organic Carbon Spring 1994



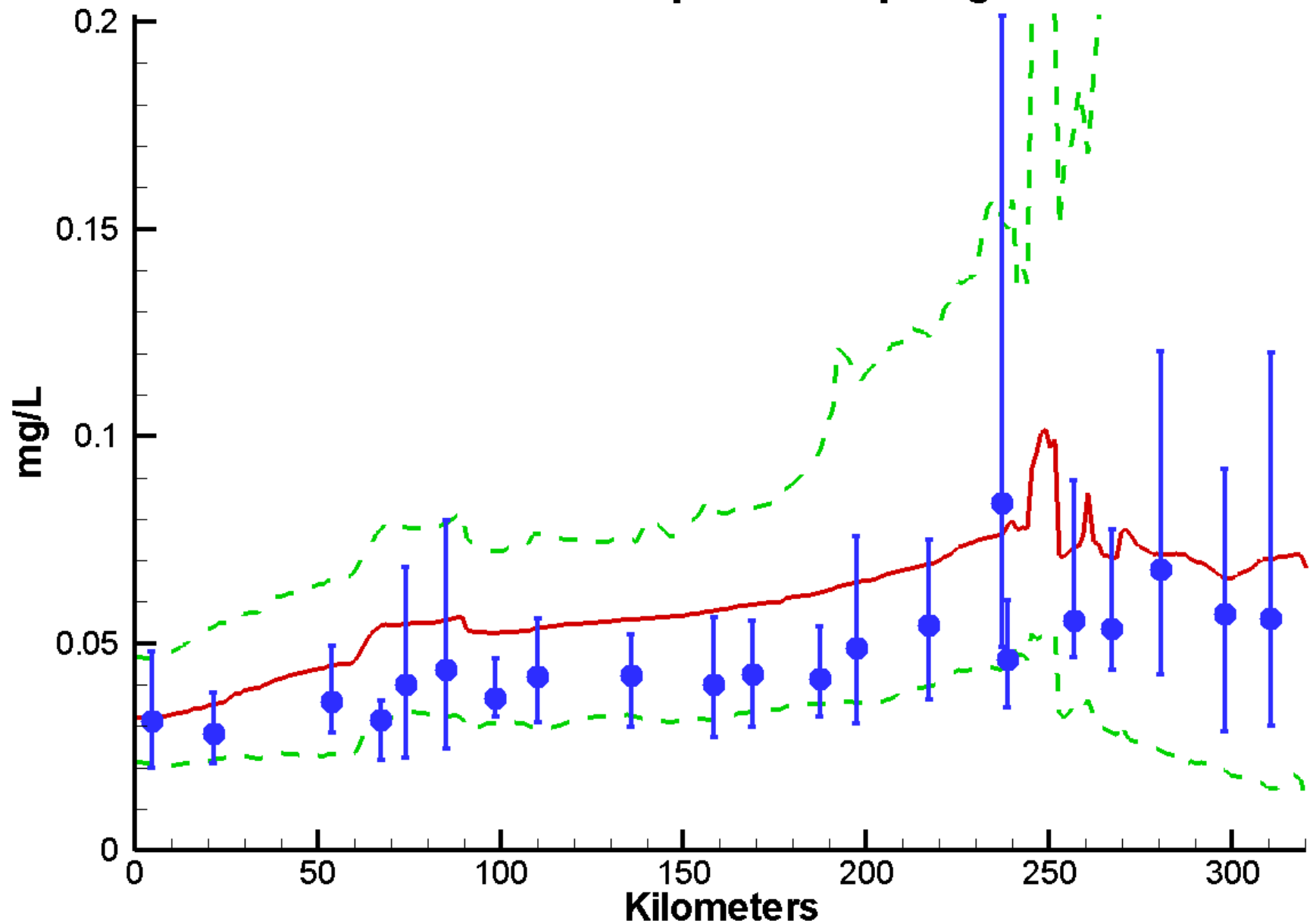
# Mainstem Bay Ches2015 Run118

## Surface Total Organic Carbon Spring 1994



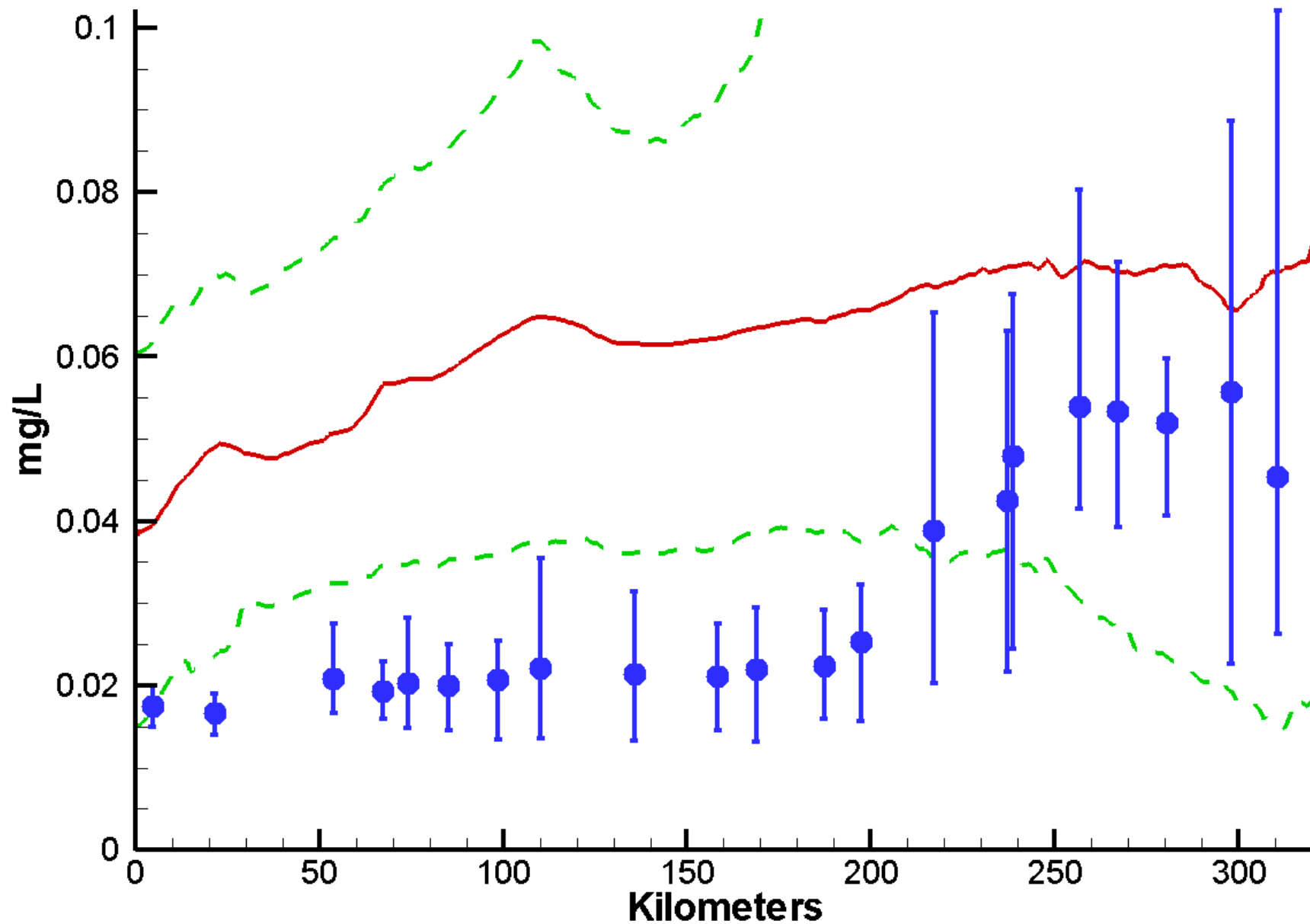
# Mainstem Bay Ches2015 Run118

## Bottom Total Phosphorus Spring 1994



# Mainstem Bay Ches2015 Run118

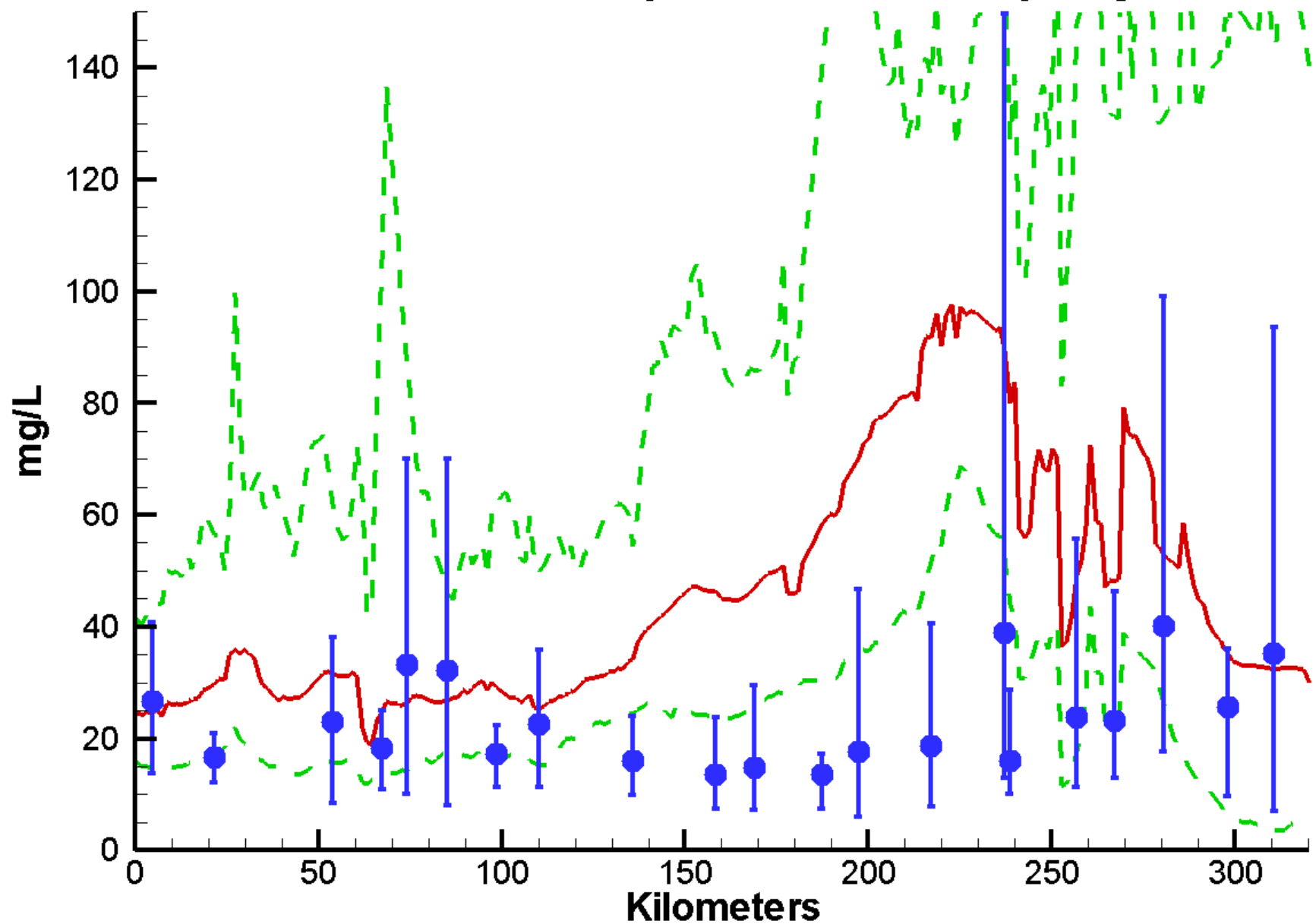
## Surface Total Phosphorus Spring 1994





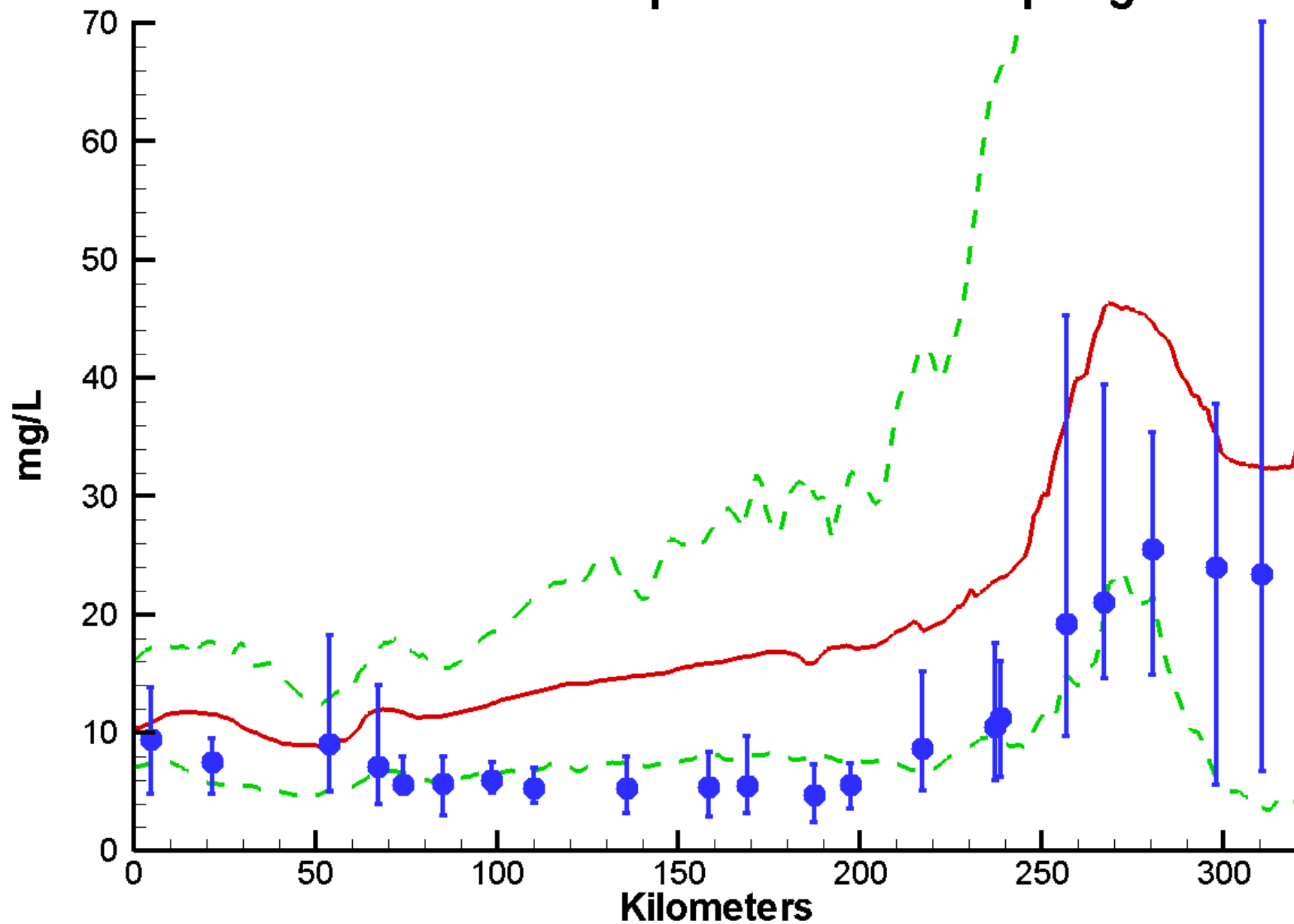
# Mainstem Bay Ches2015 Run118

## Bottom Total Suspended Solids Spring 1994



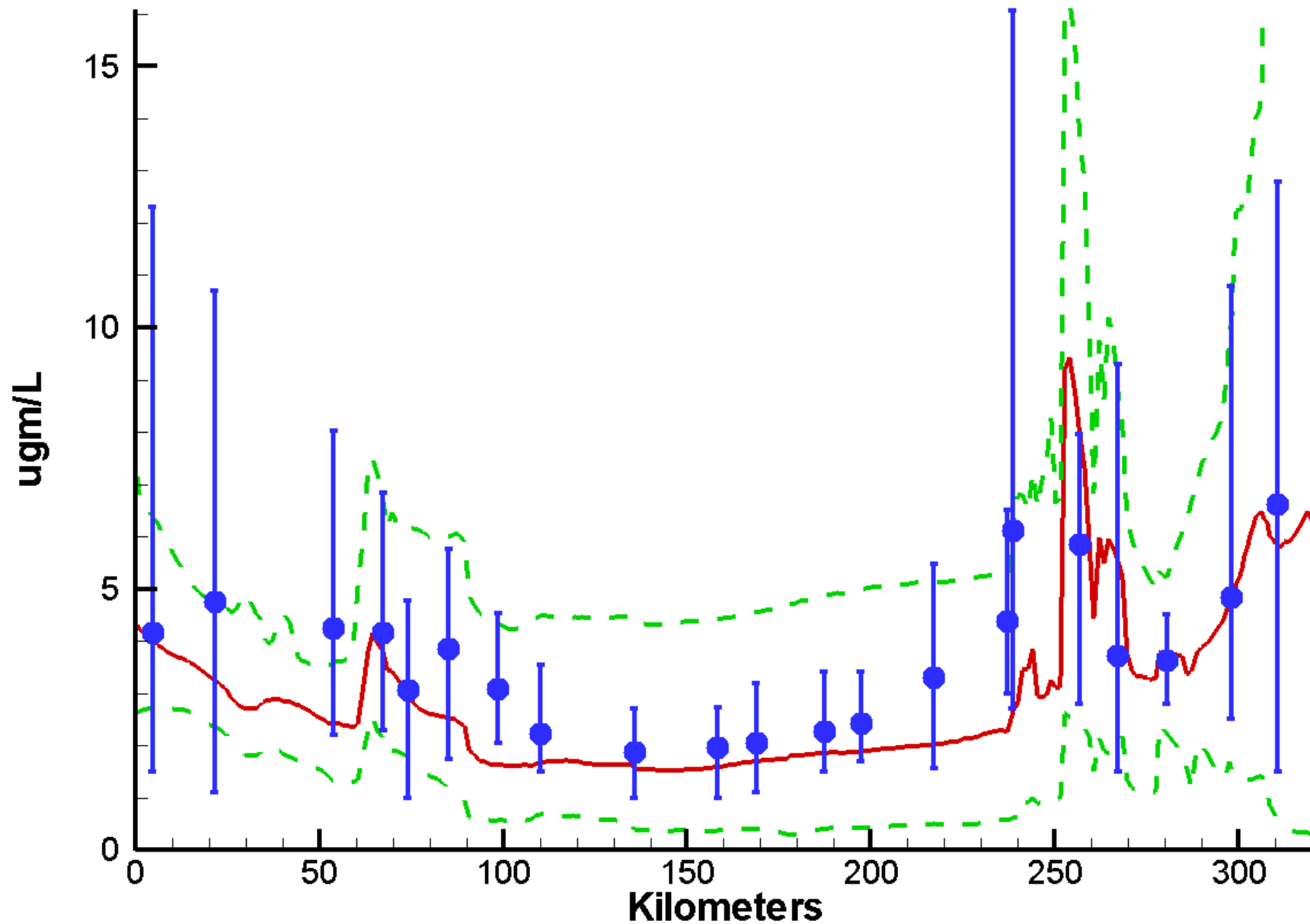
# Mainstem Bay Ches2015 Run118

## Surface Total Suspended Solids Spring 1994



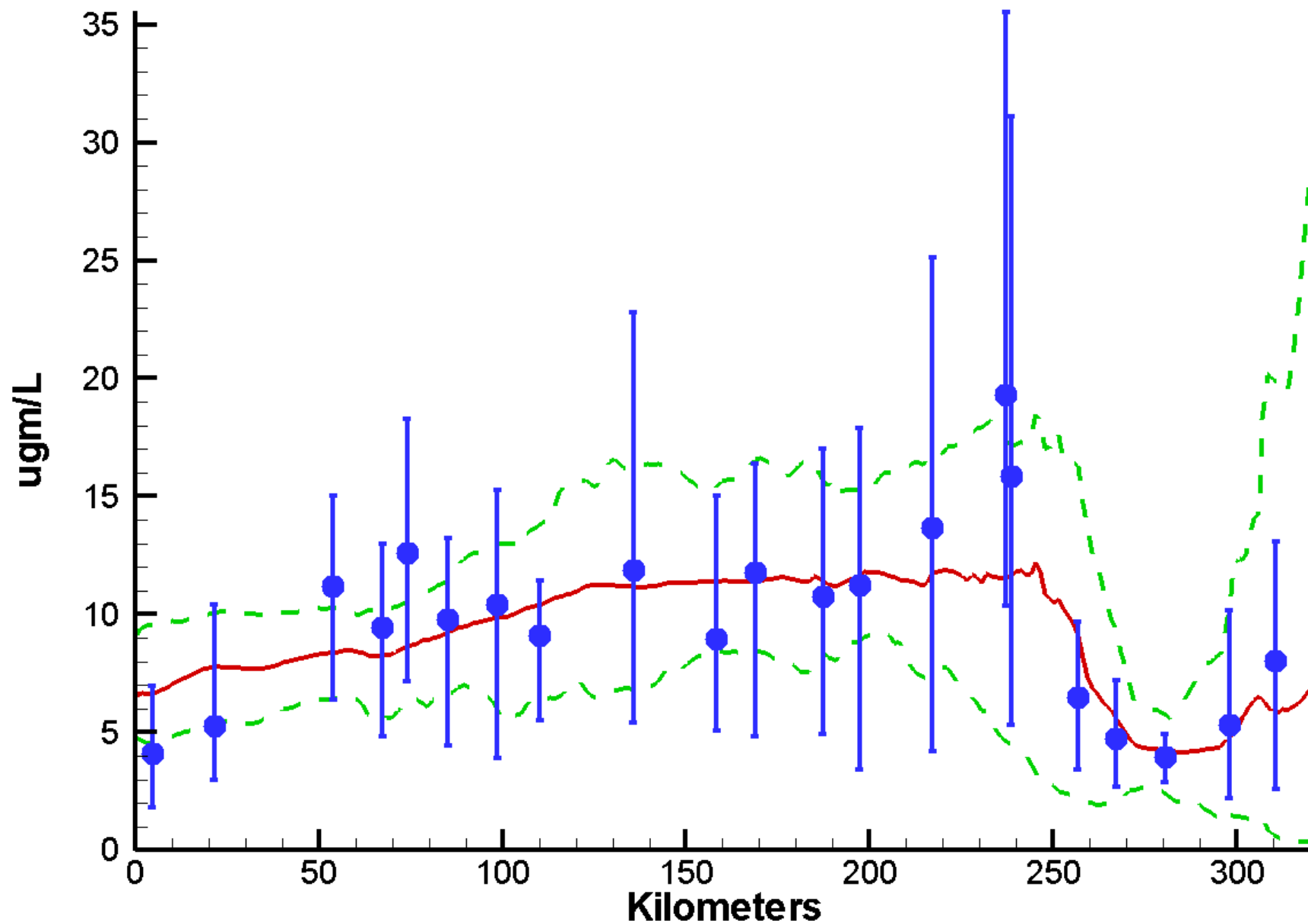
# Mainstem Bay Ches2015 Run118

## Bottom Chlorophyll Summer 1994



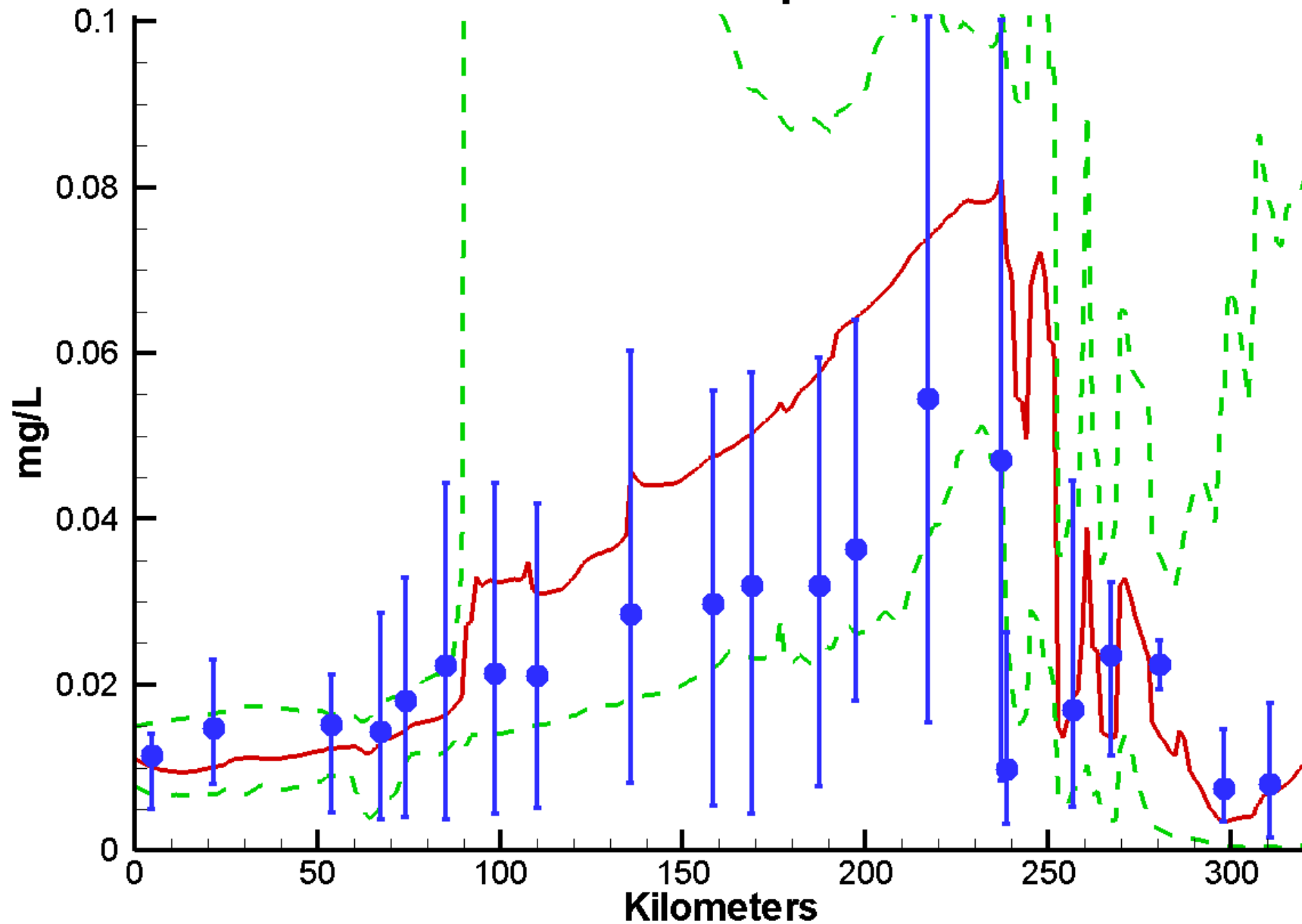
# Mainstem Bay Ches2015 Run118

## Surface Chlorophyll Summer 1994



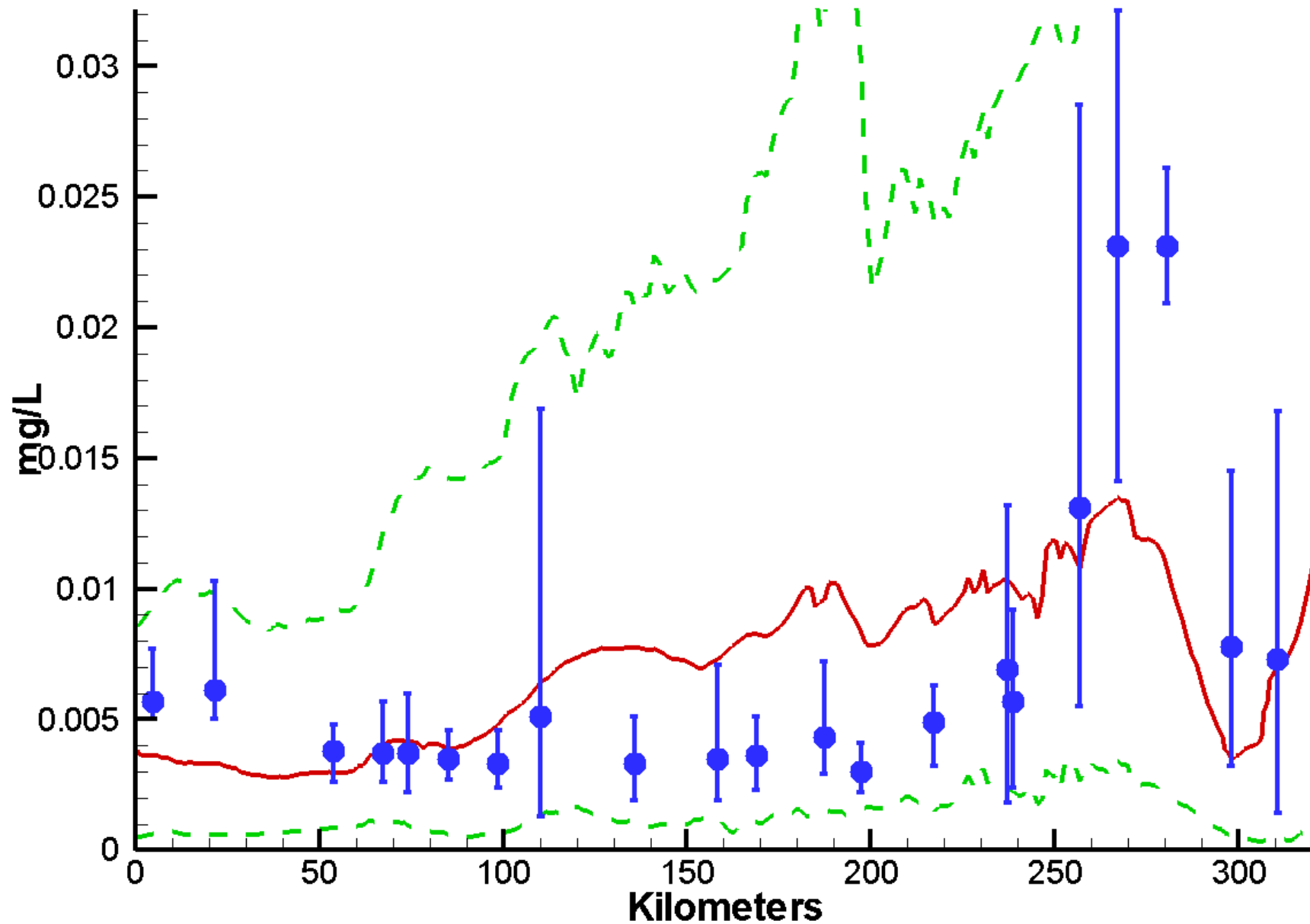
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1994



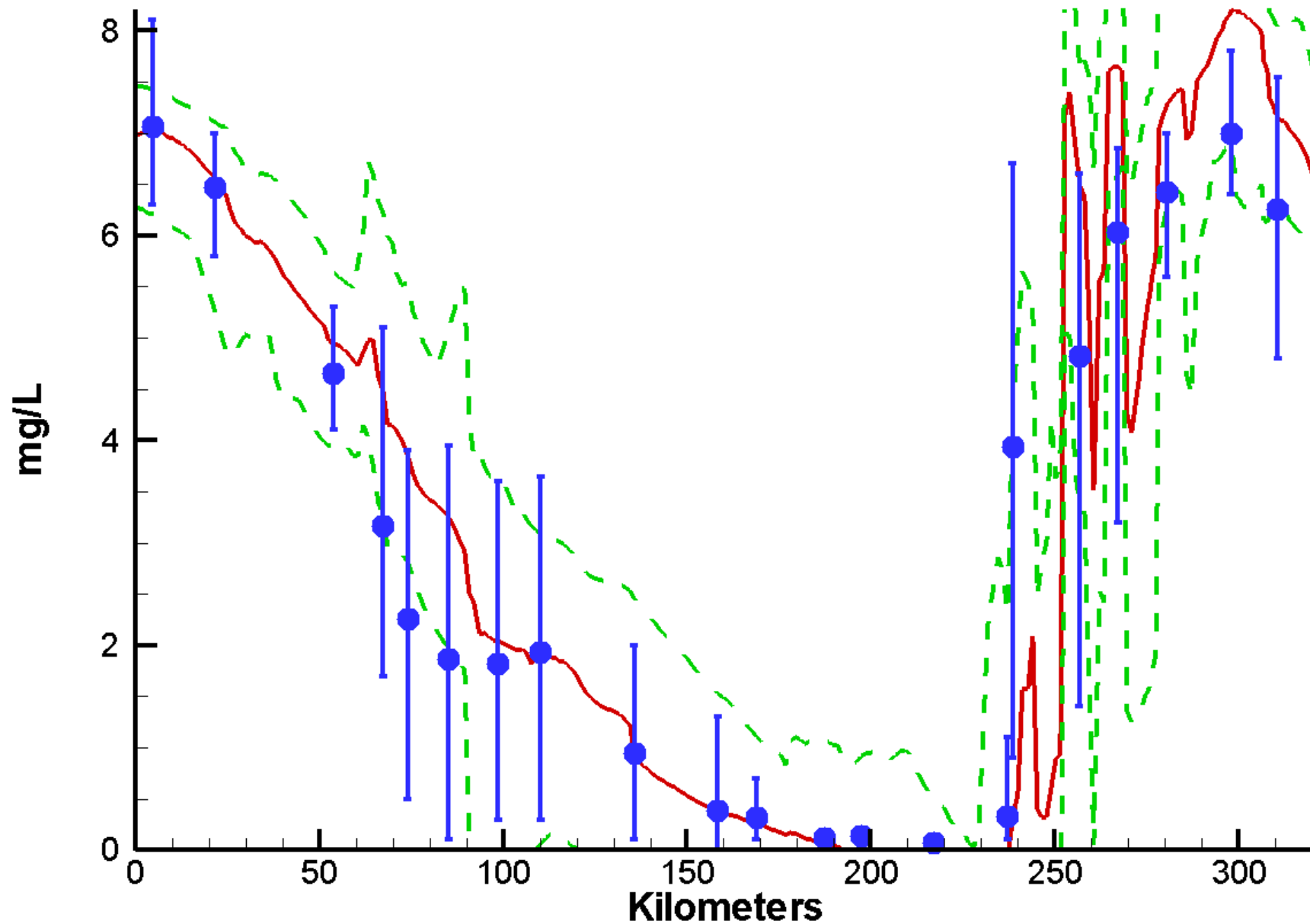
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Phosphate Summer 1994



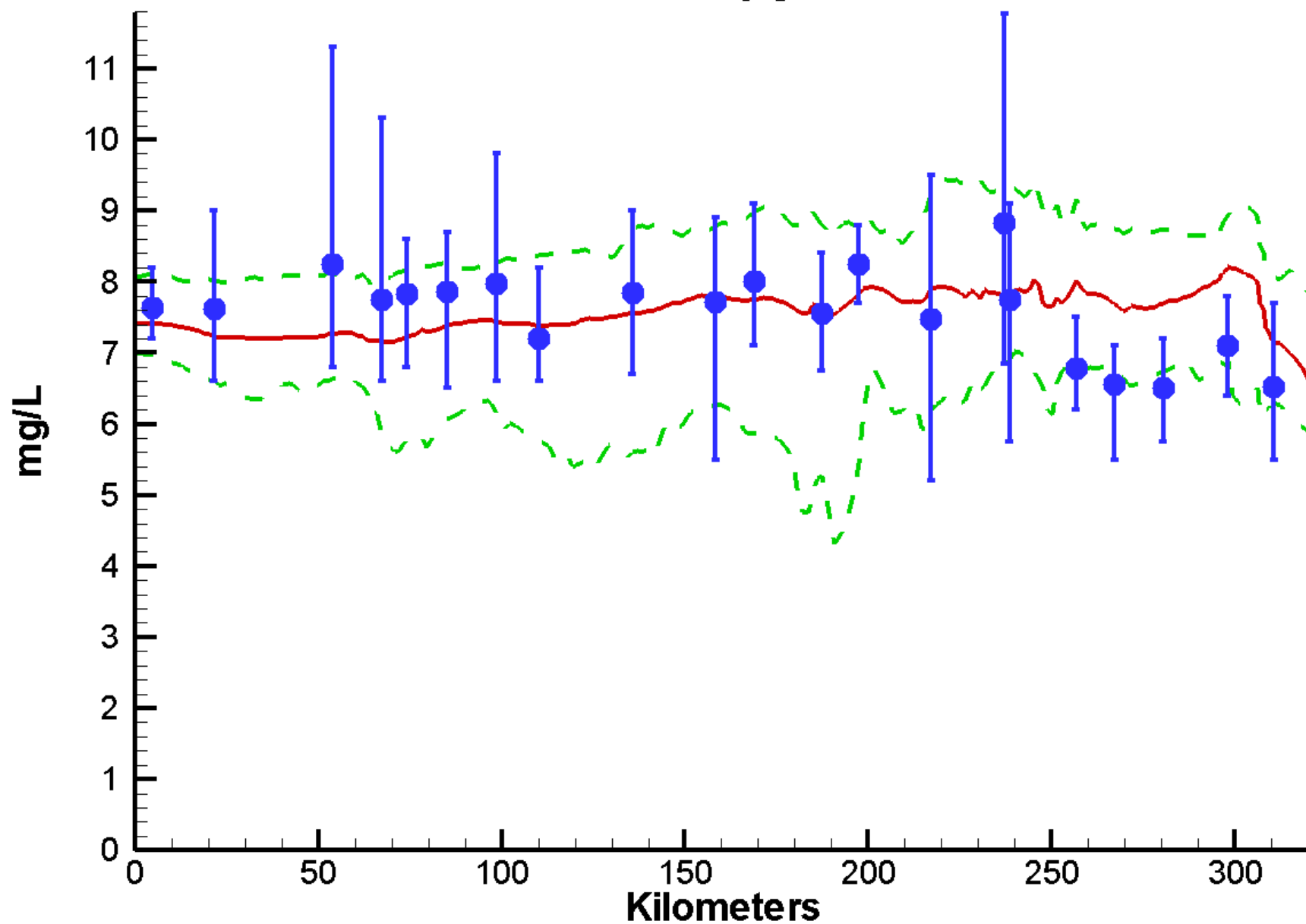
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1994



# Mainstem Bay Ches2015 Run118

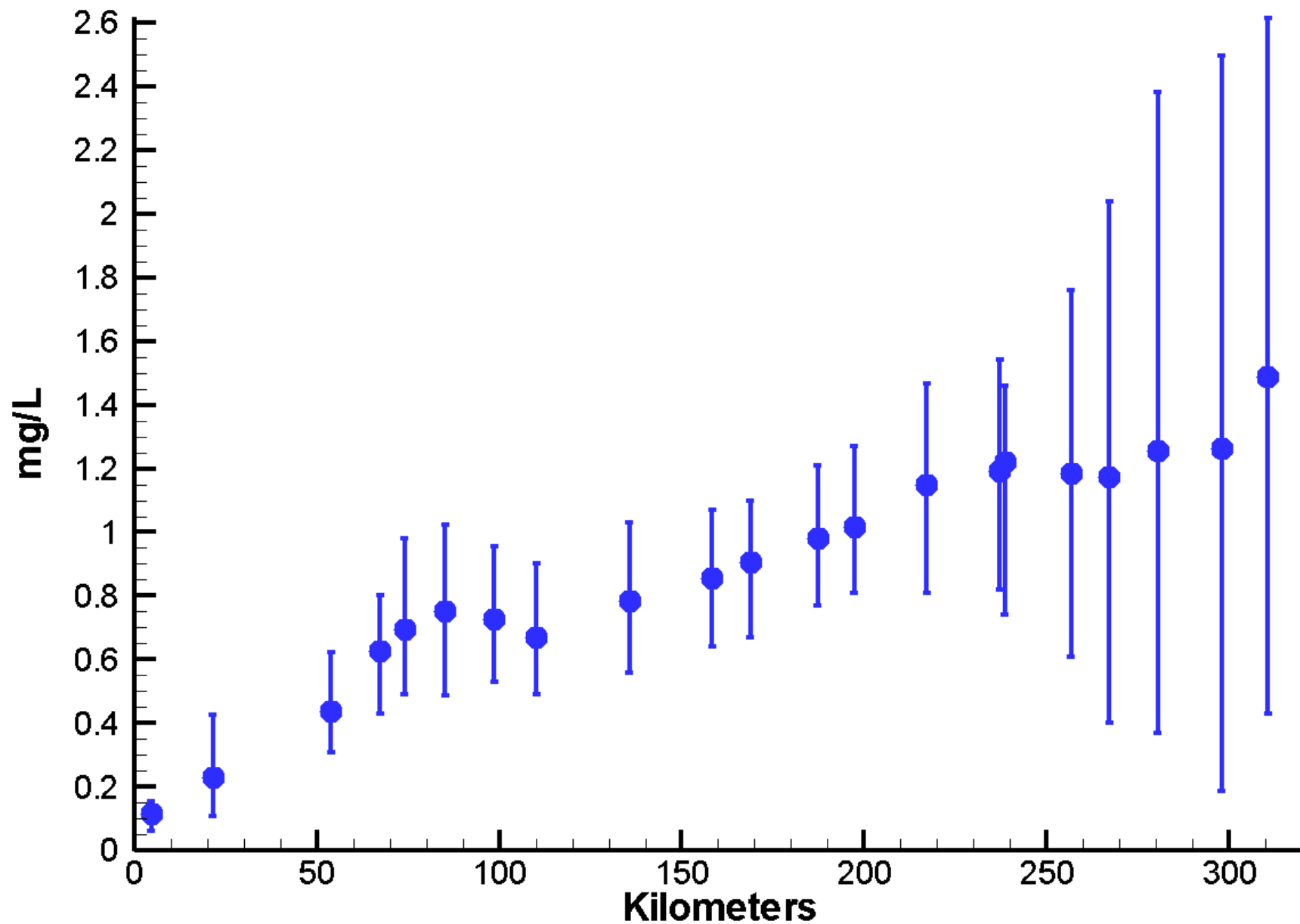
## Surface Dissolved Oxygen Summer 1994





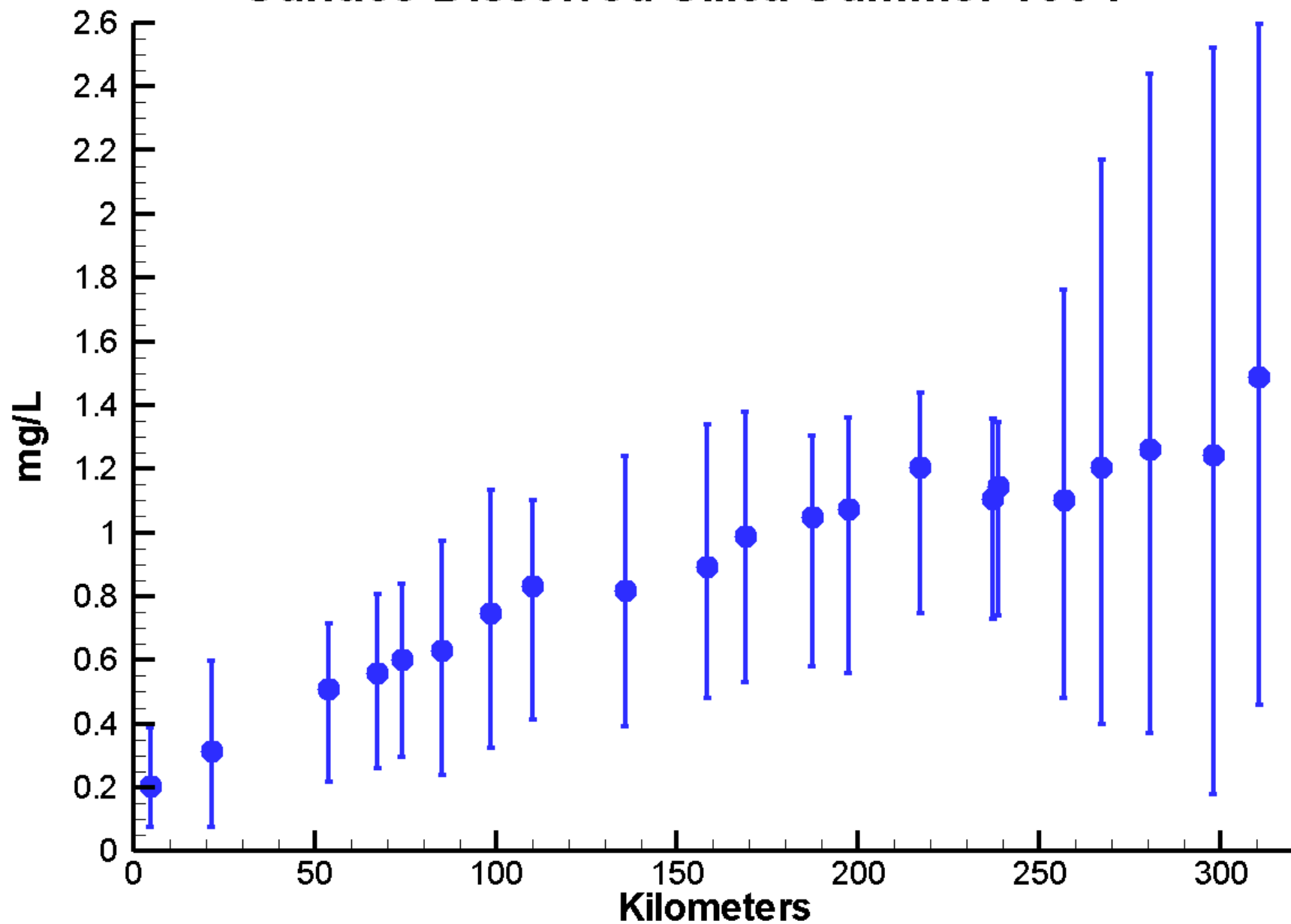
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Silica Summer 1994



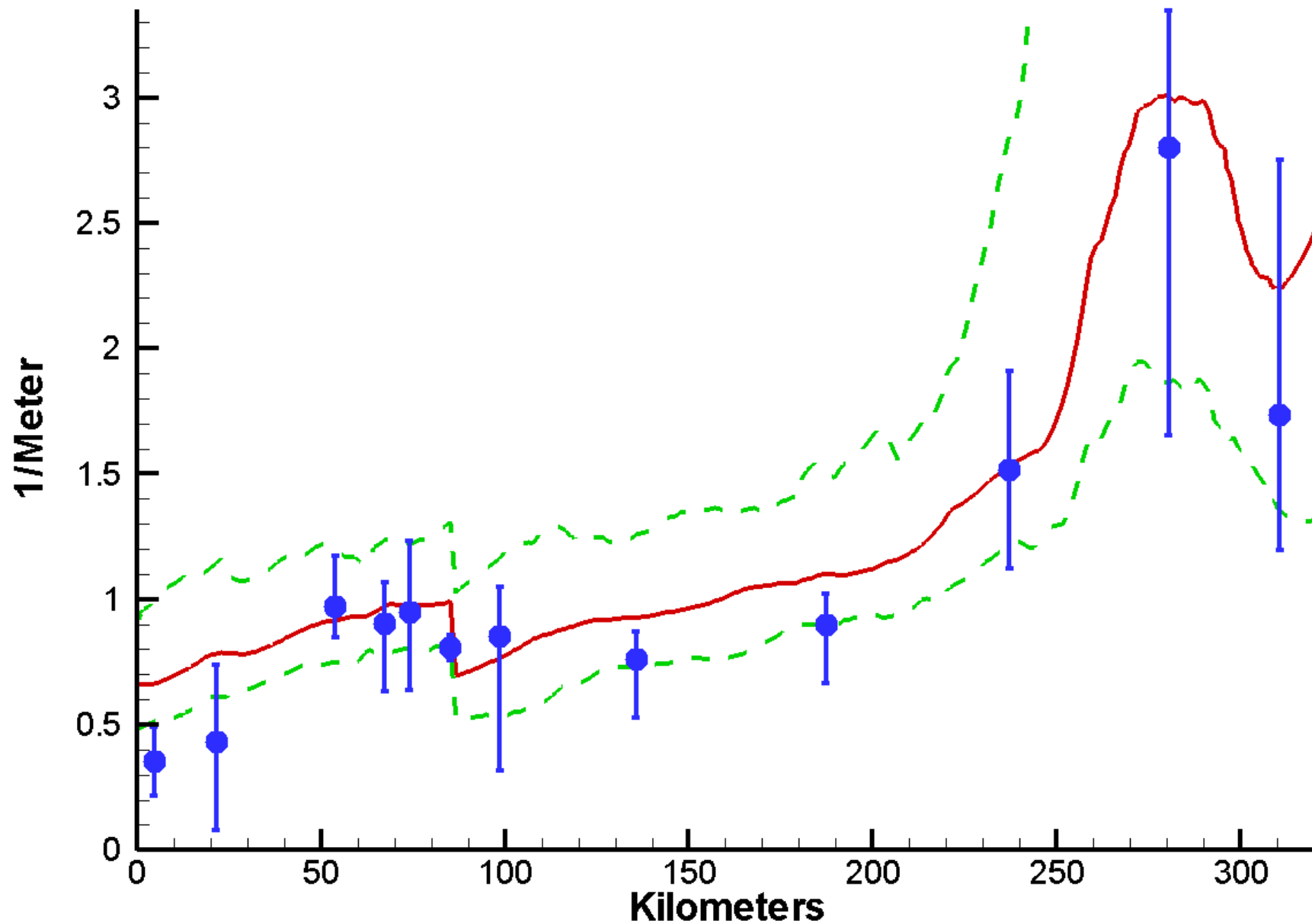
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Silica Summer 1994



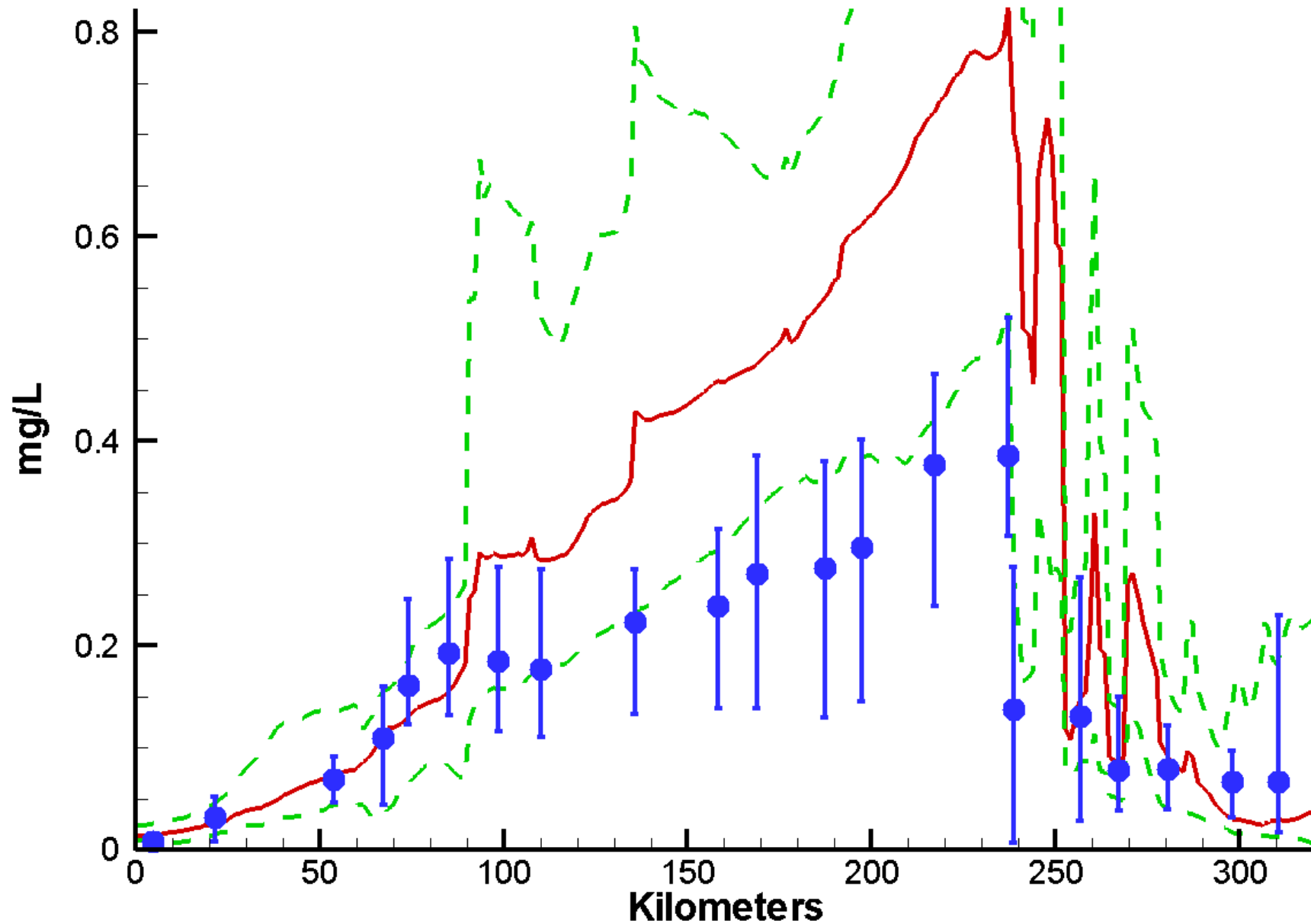
# Mainstem Bay Ches2015 Run118

## Surface Light Extinction Summer 1994



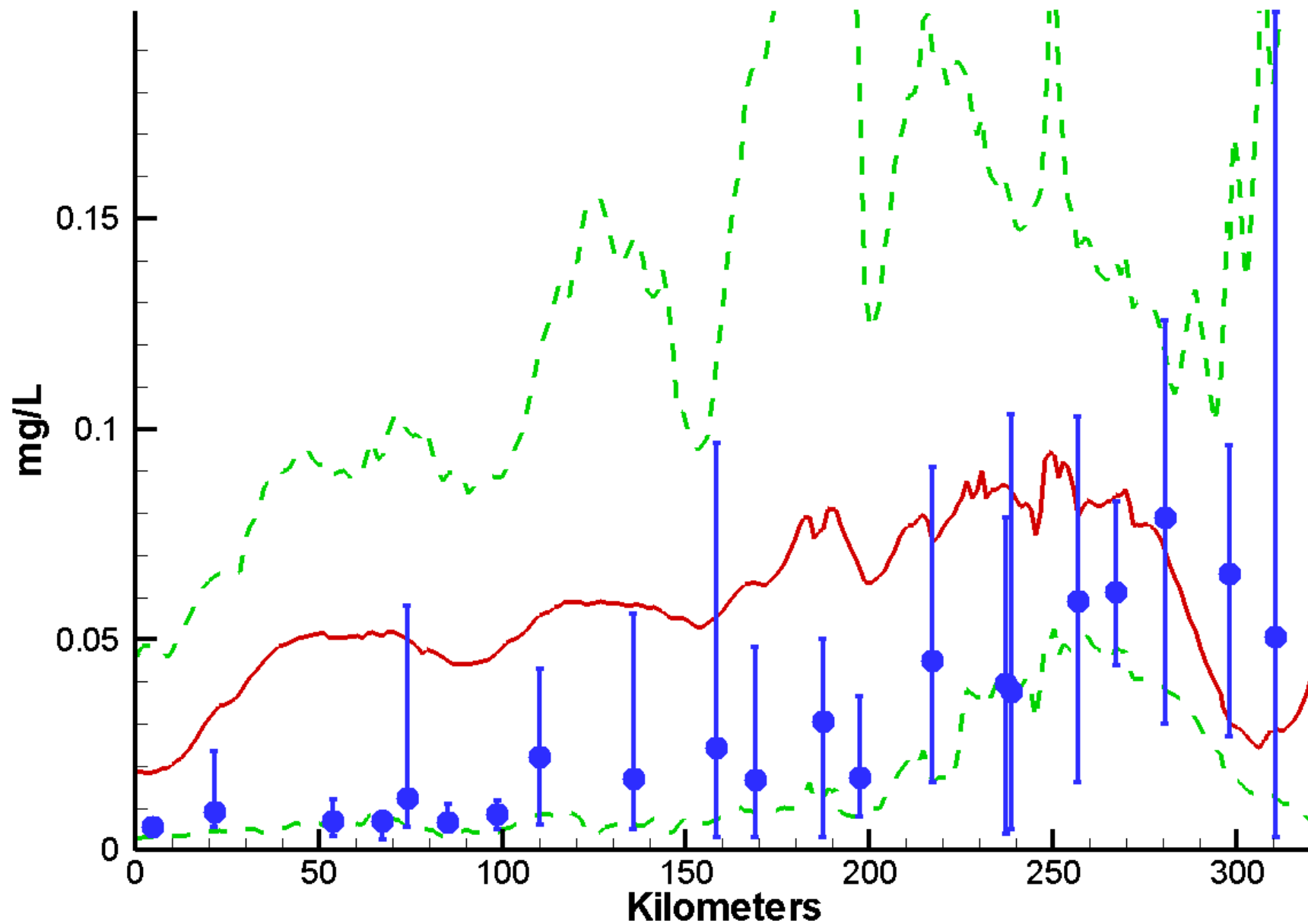
# Mainstem Bay Ches2015 Run118

## Bottom Ammonium Summer 1994



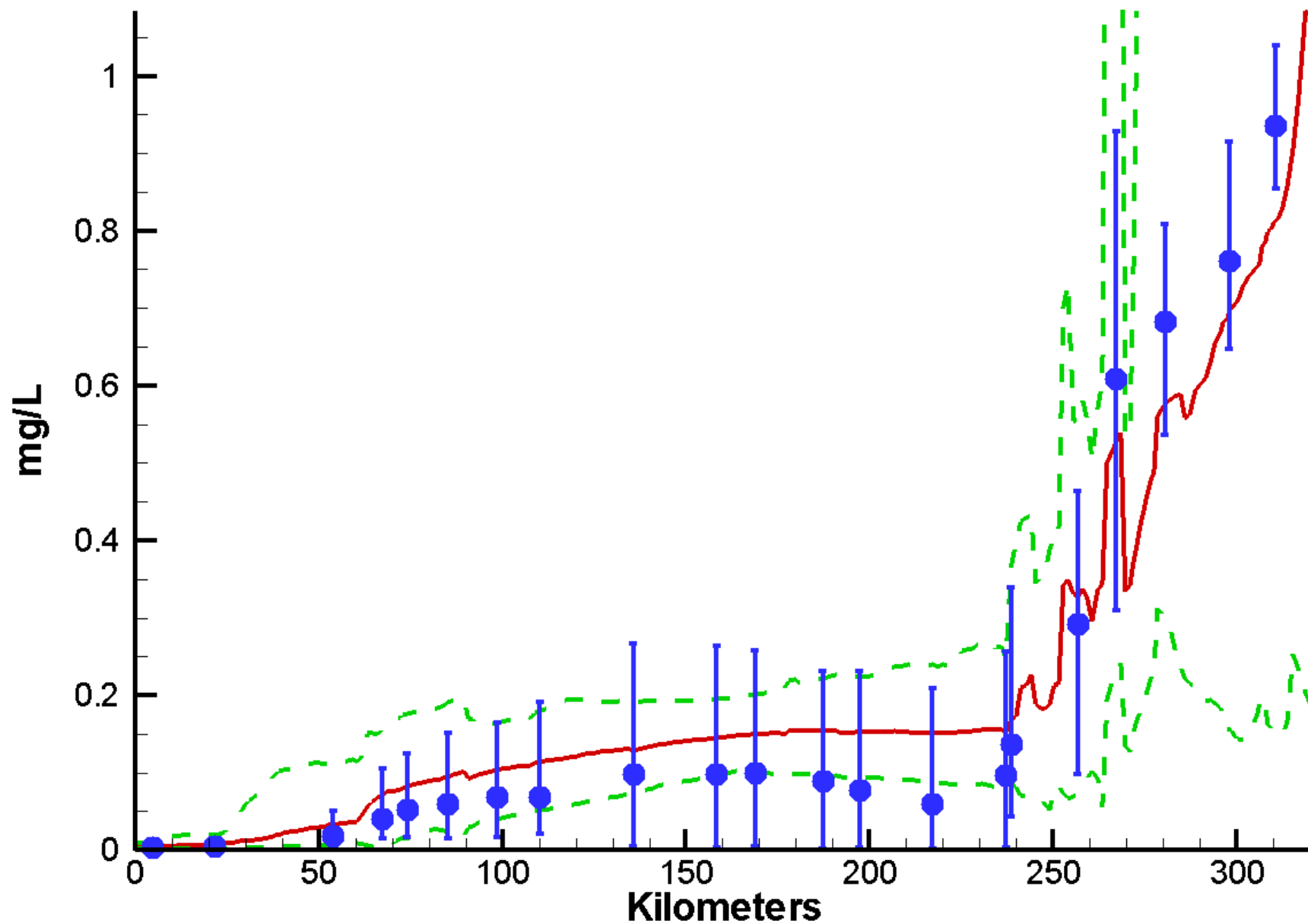
# Mainstem Bay Ches2015 Run118

## Surface Ammonium Summer 1994



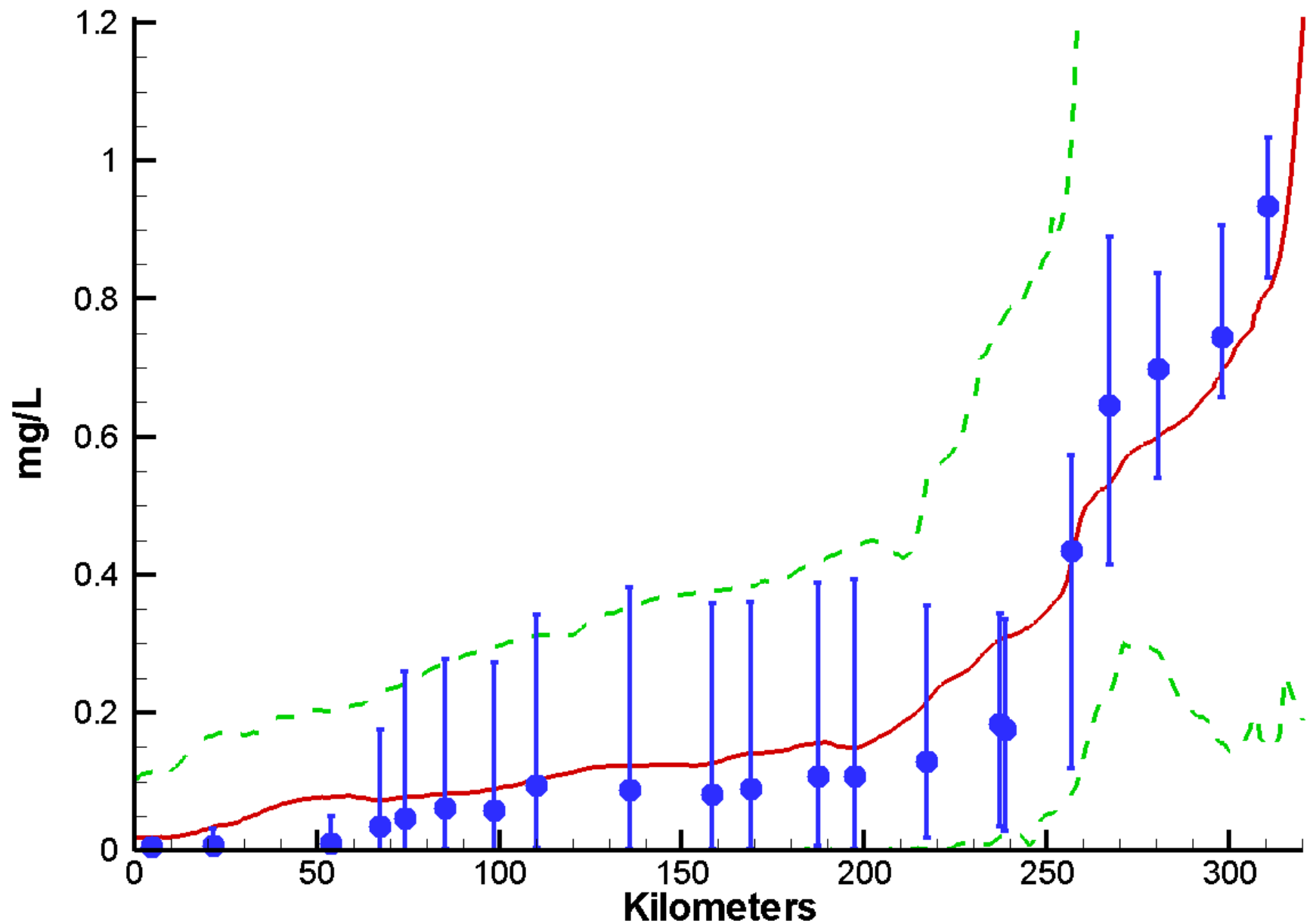
# Mainstem Bay Ches2015 Run118

## Bottom Nitrate Summer 1994



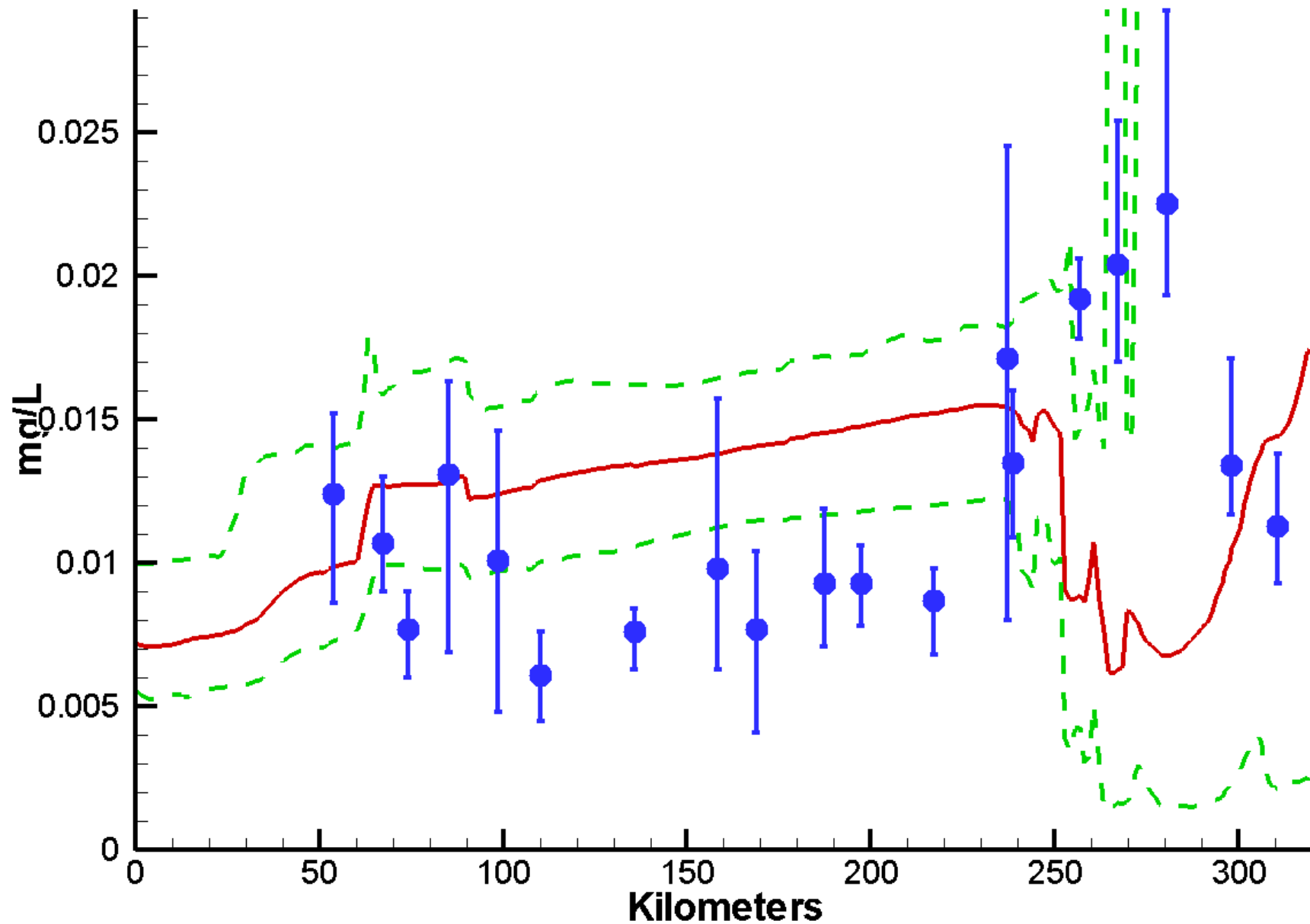
# Mainstem Bay Ches2015 Run118

## Surface Nitrate Summer 1994



# Mainstem Bay Ches2015 Run118

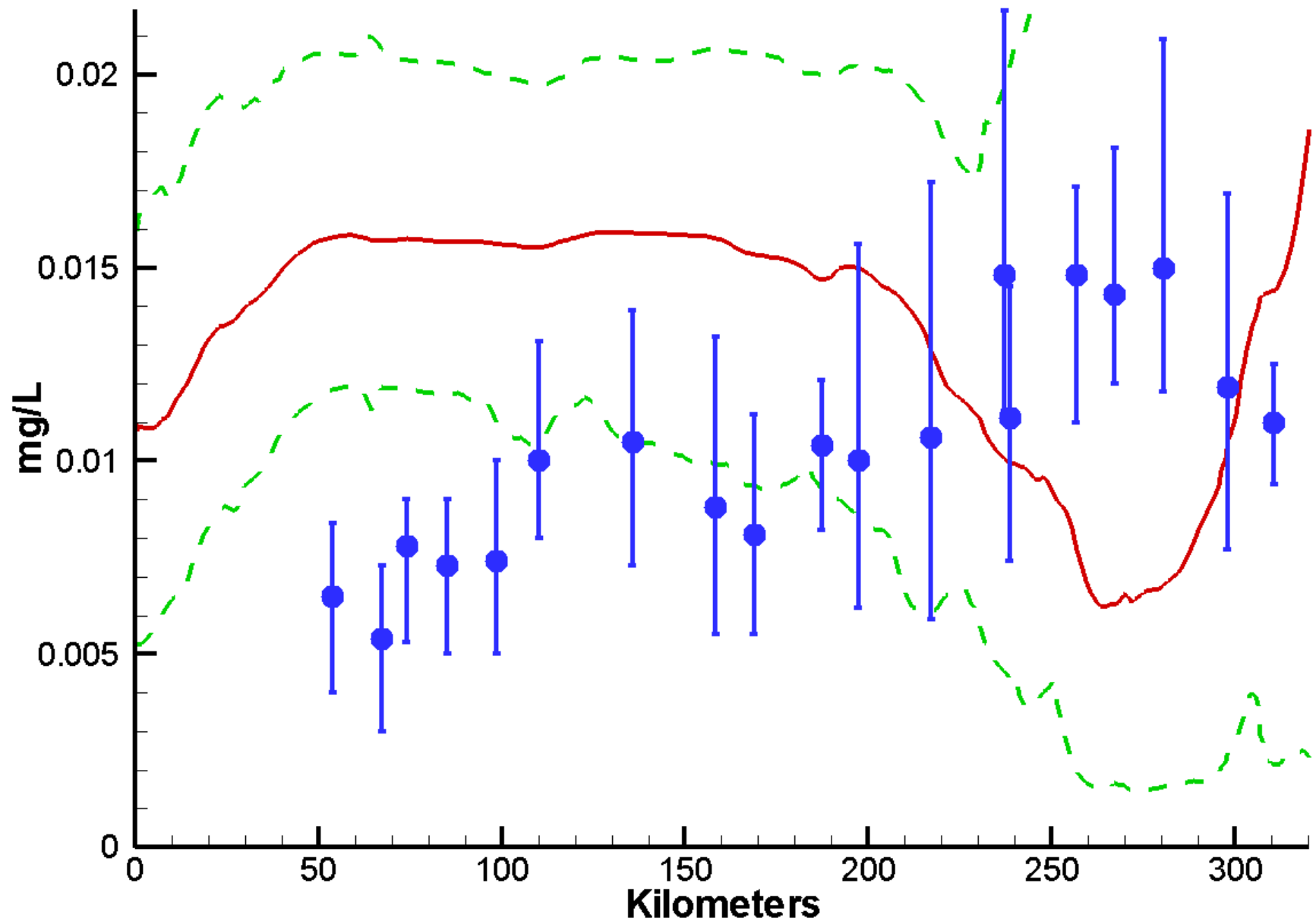
## Bottom Particulate Inorganic Phosphorus Summer 199





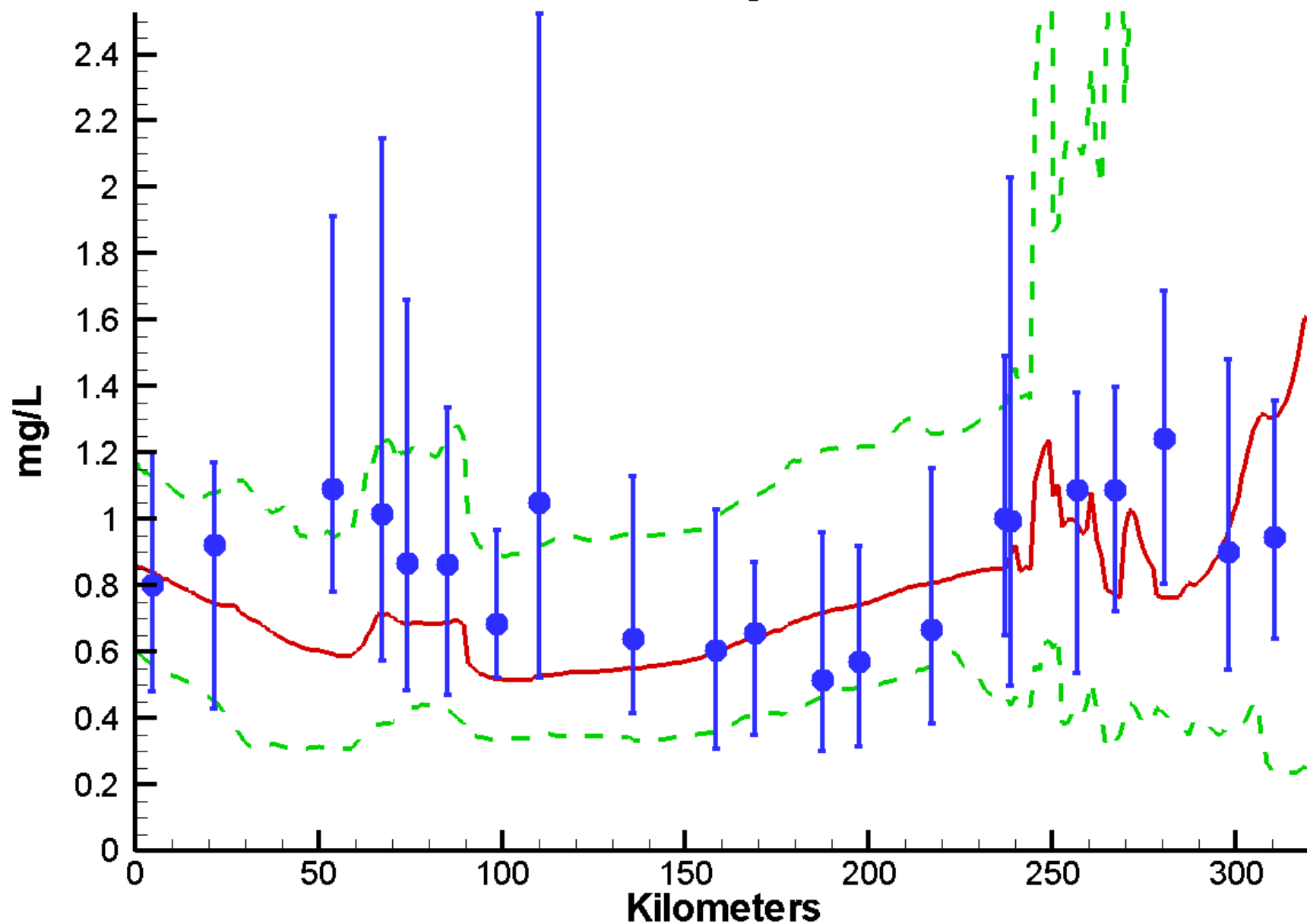
# Mainstem Bay Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



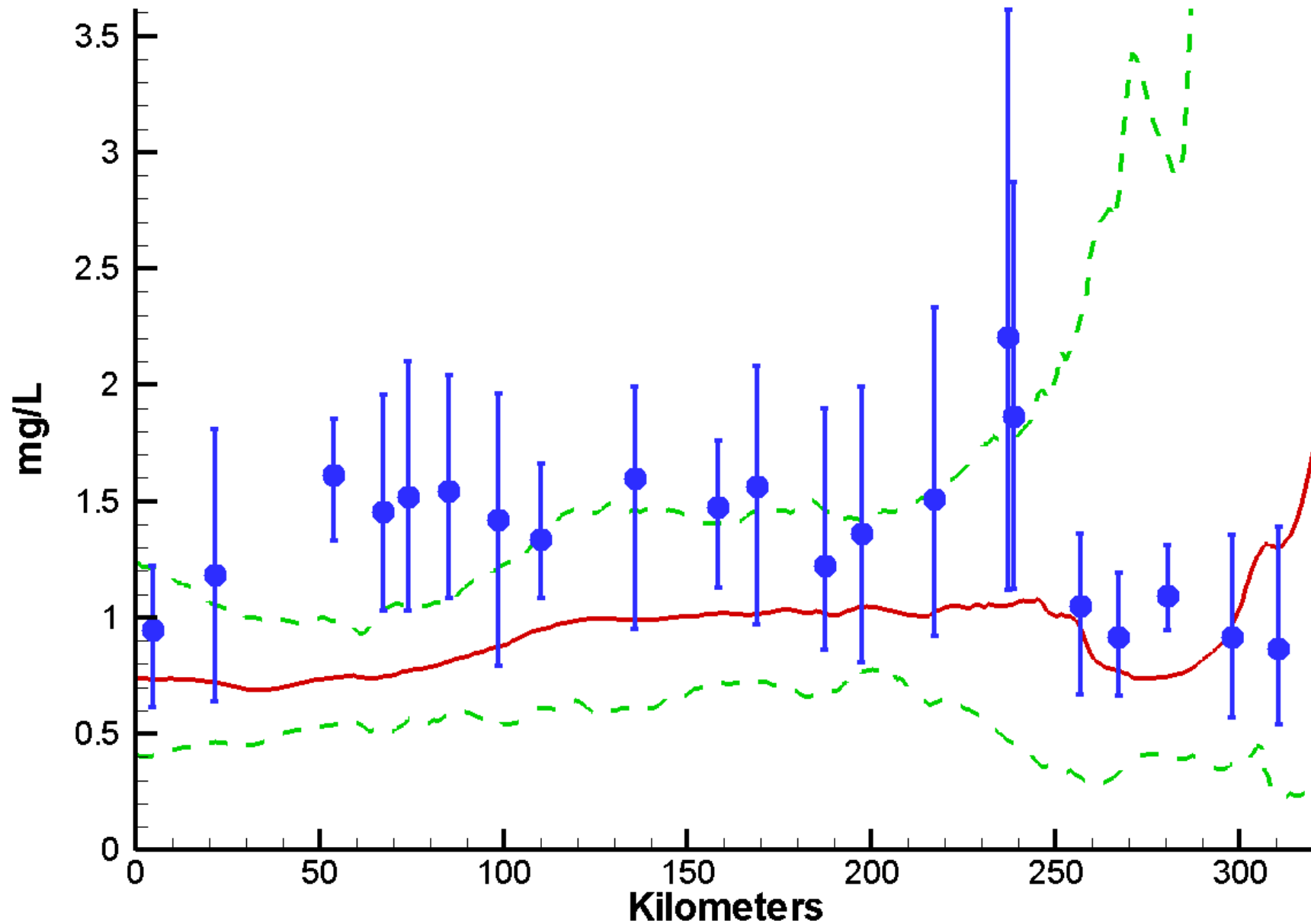
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1994



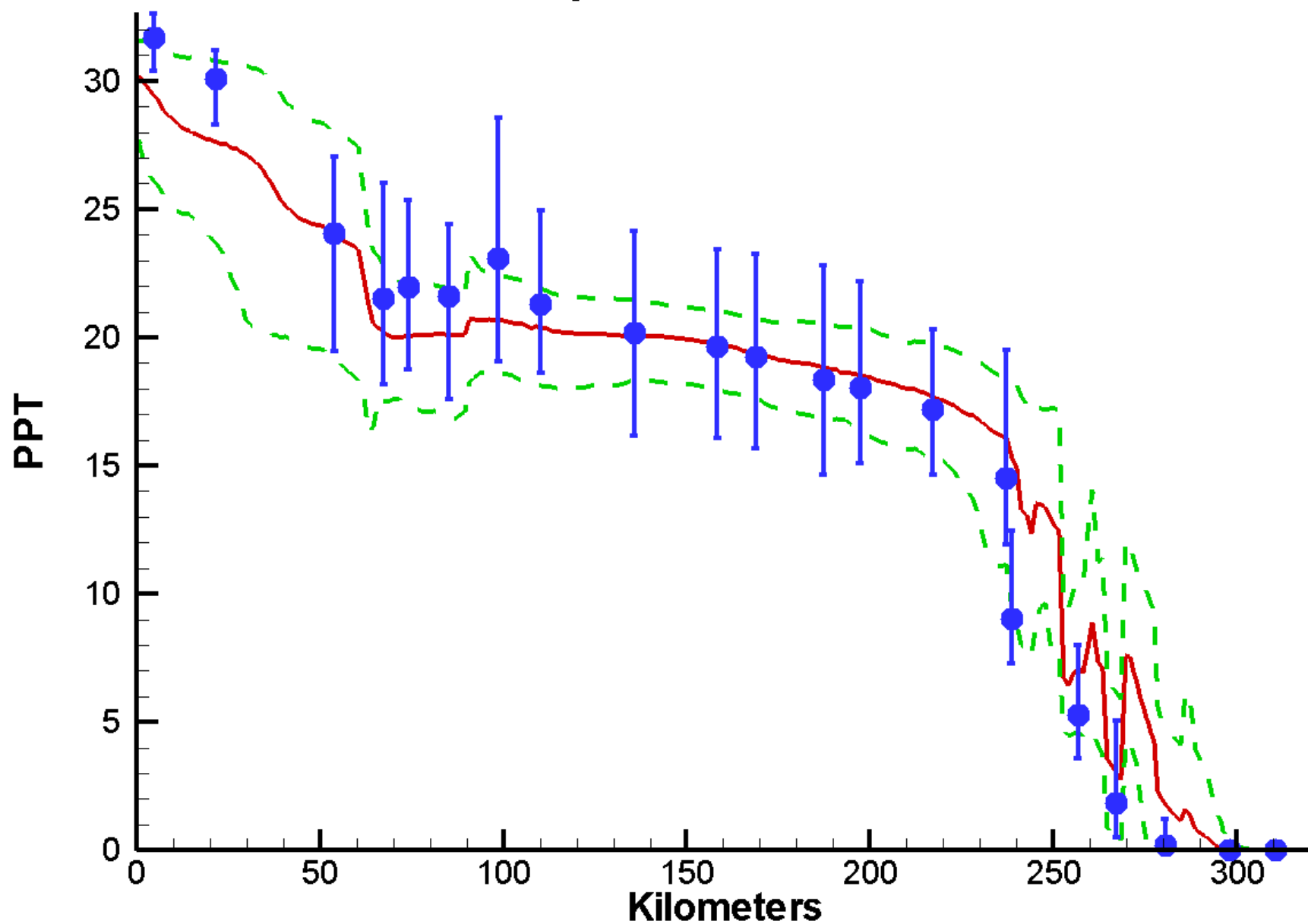
# Mainstem Bay Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1994



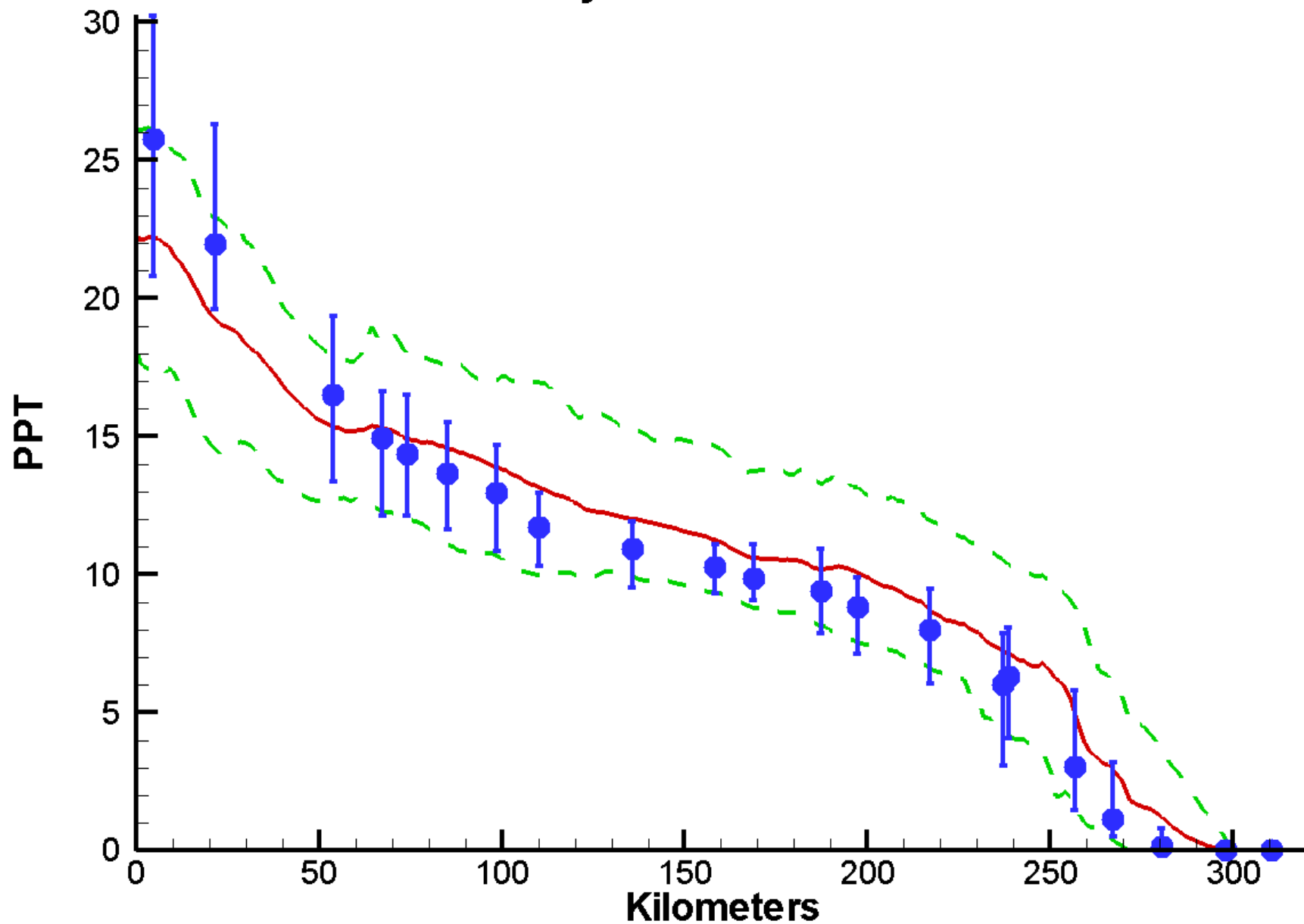
# Mainstem Bay Ches2015 Run118

## Bottom Salinity Summer 1994



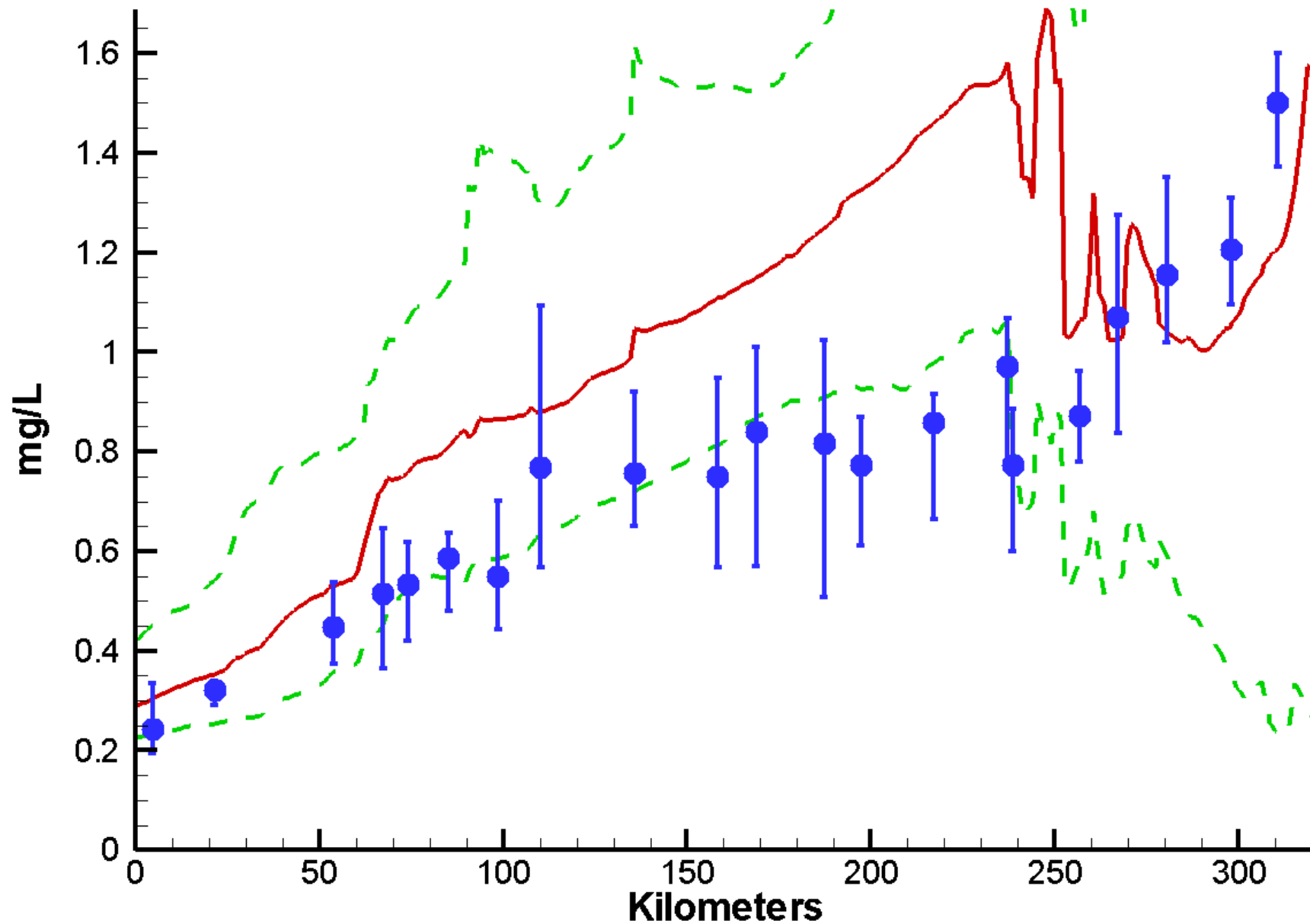
# Mainstem Bay Ches2015 Run118

## Surface Salinity Summer 1994



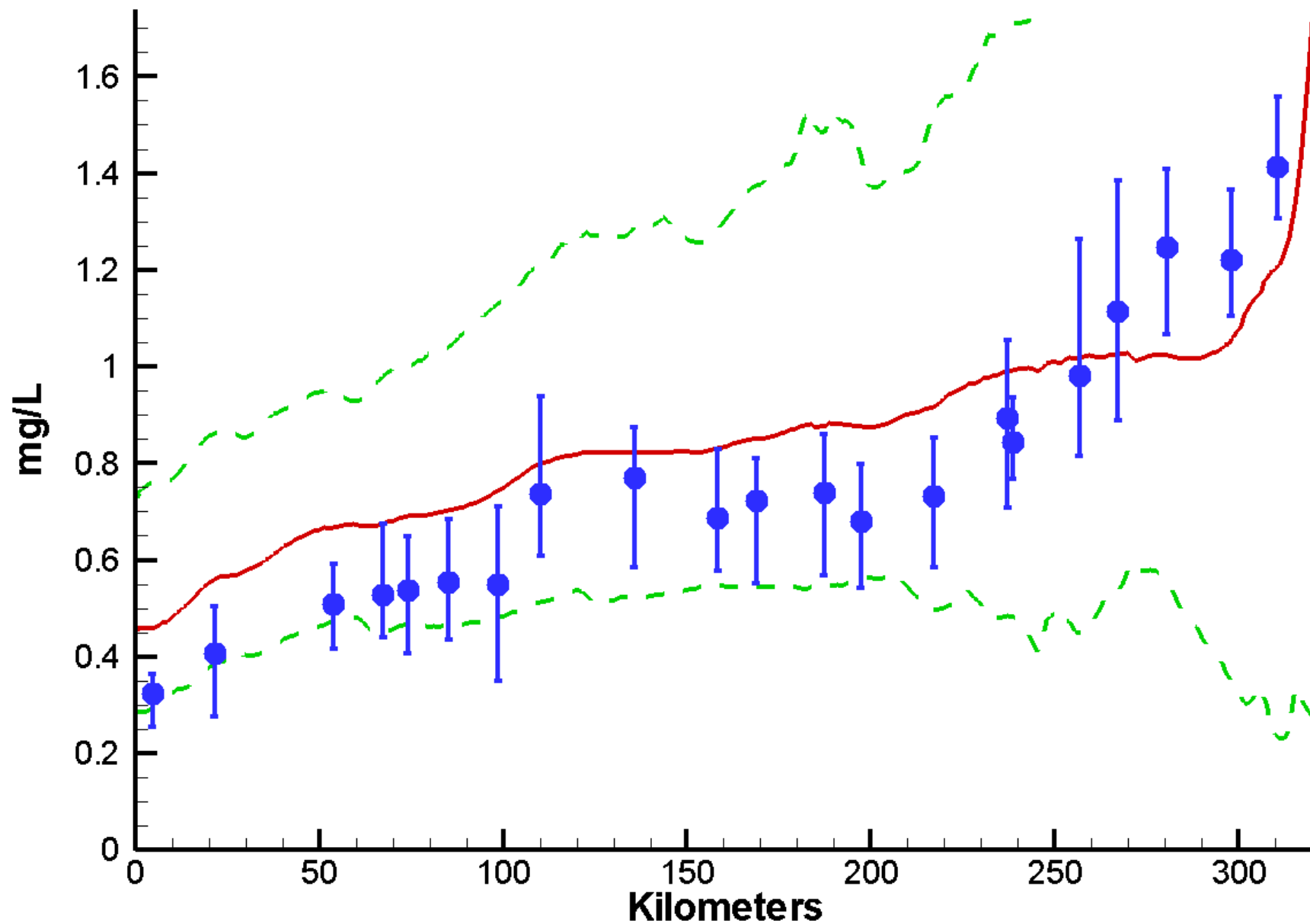
# Mainstem Bay Ches2015 Run118

## Bottom Total Nitrogen Summer 1994



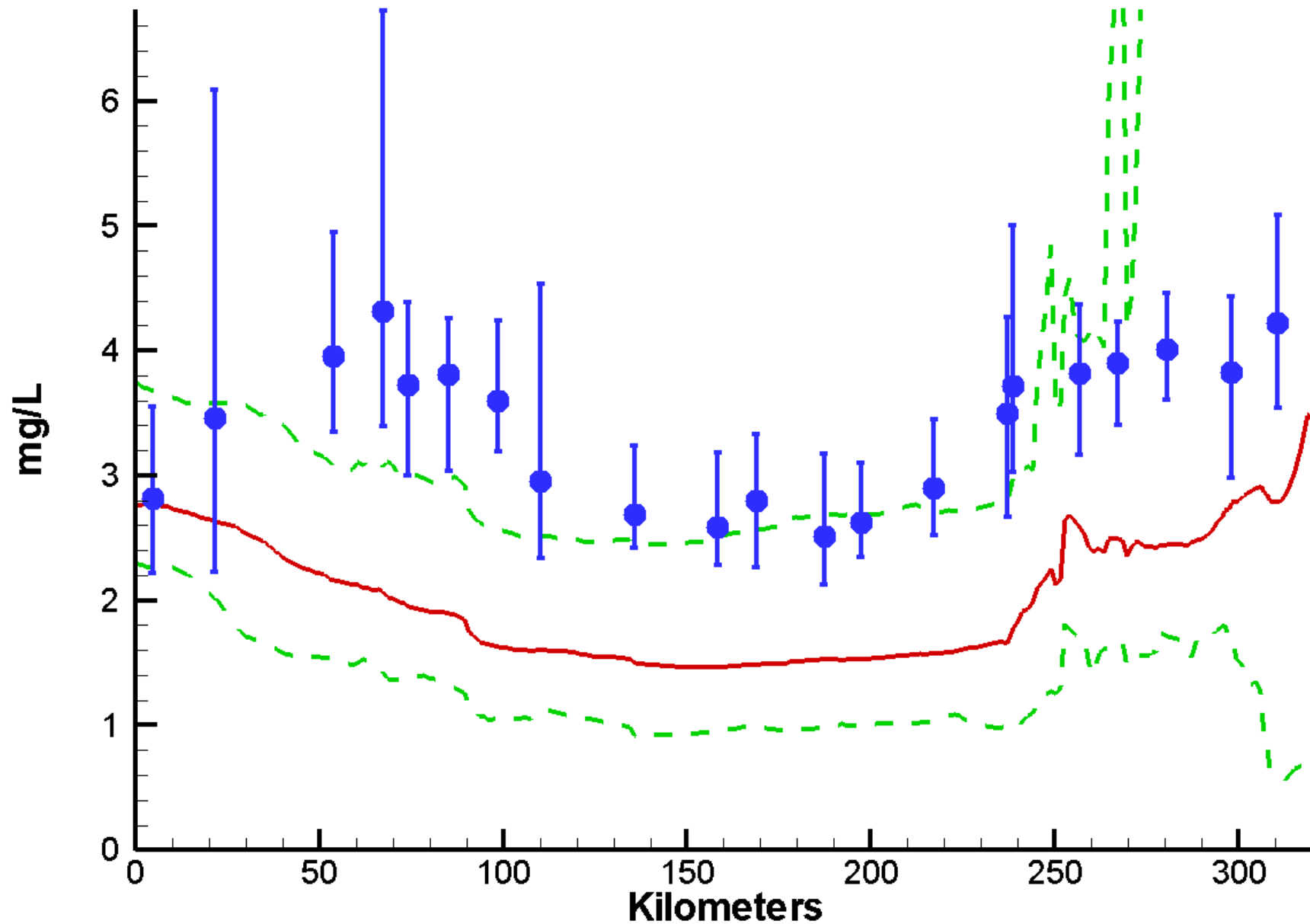
# Mainstem Bay Ches2015 Run118

## Surface Total Nitrogen Summer 1994



# Mainstem Bay Ches2015 Run118

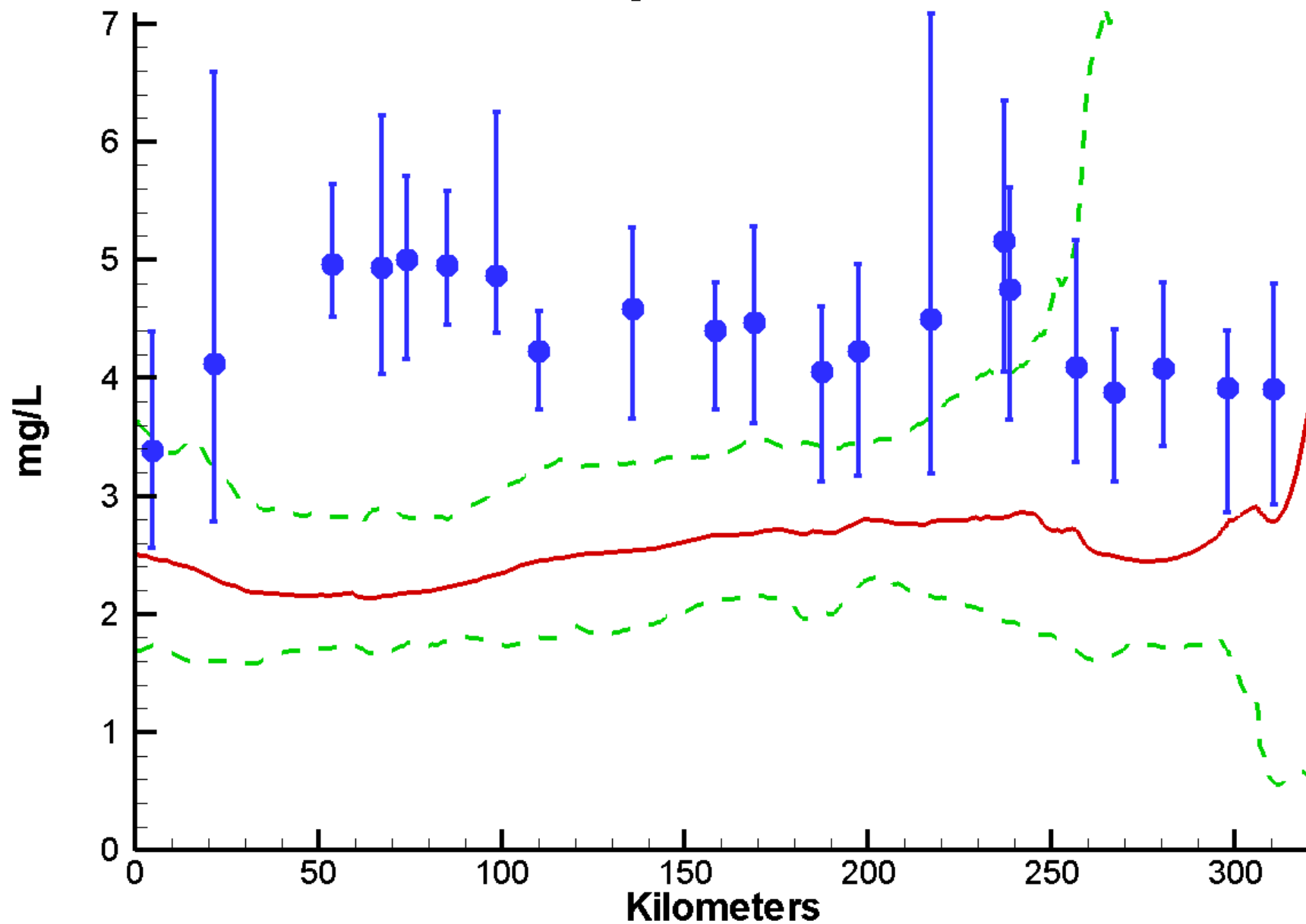
## Bottom Total Organic Carbon Summer 1994





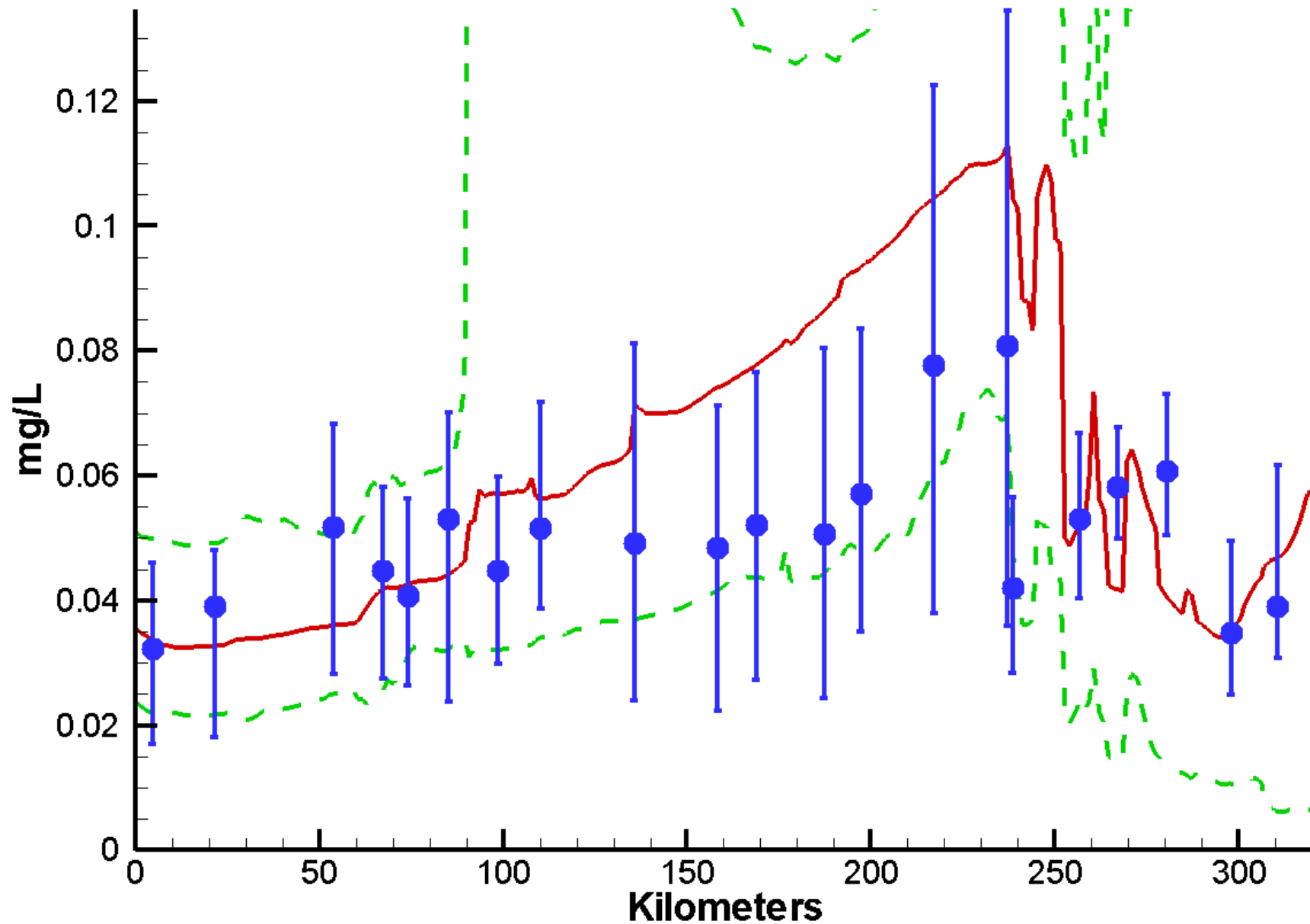
# Mainstem Bay Ches2015 Run118

## Surface Total Organic Carbon Summer 1994



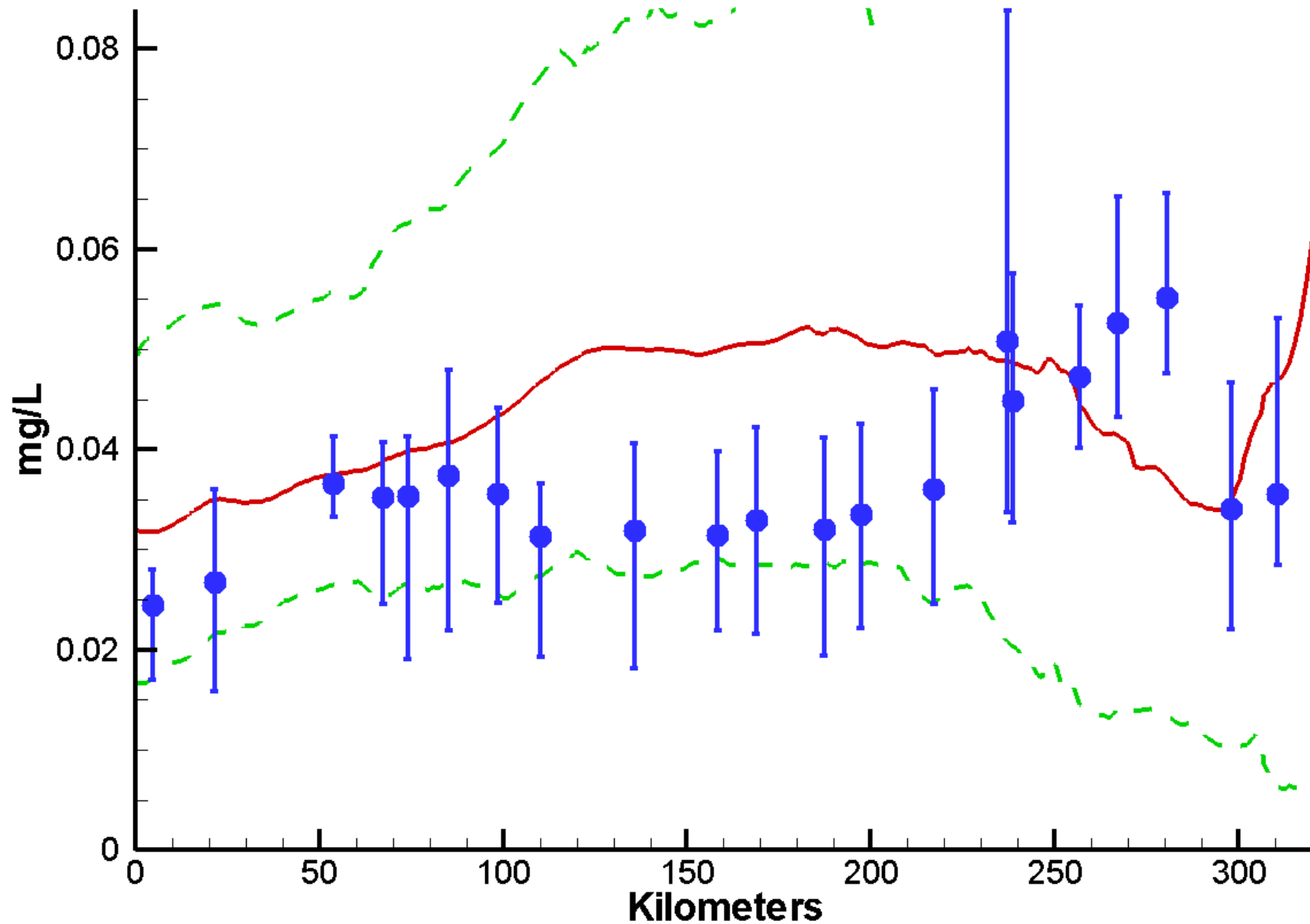
# Mainstem Bay Ches2015 Run118

## Bottom Total Phosphorus Summer 1994



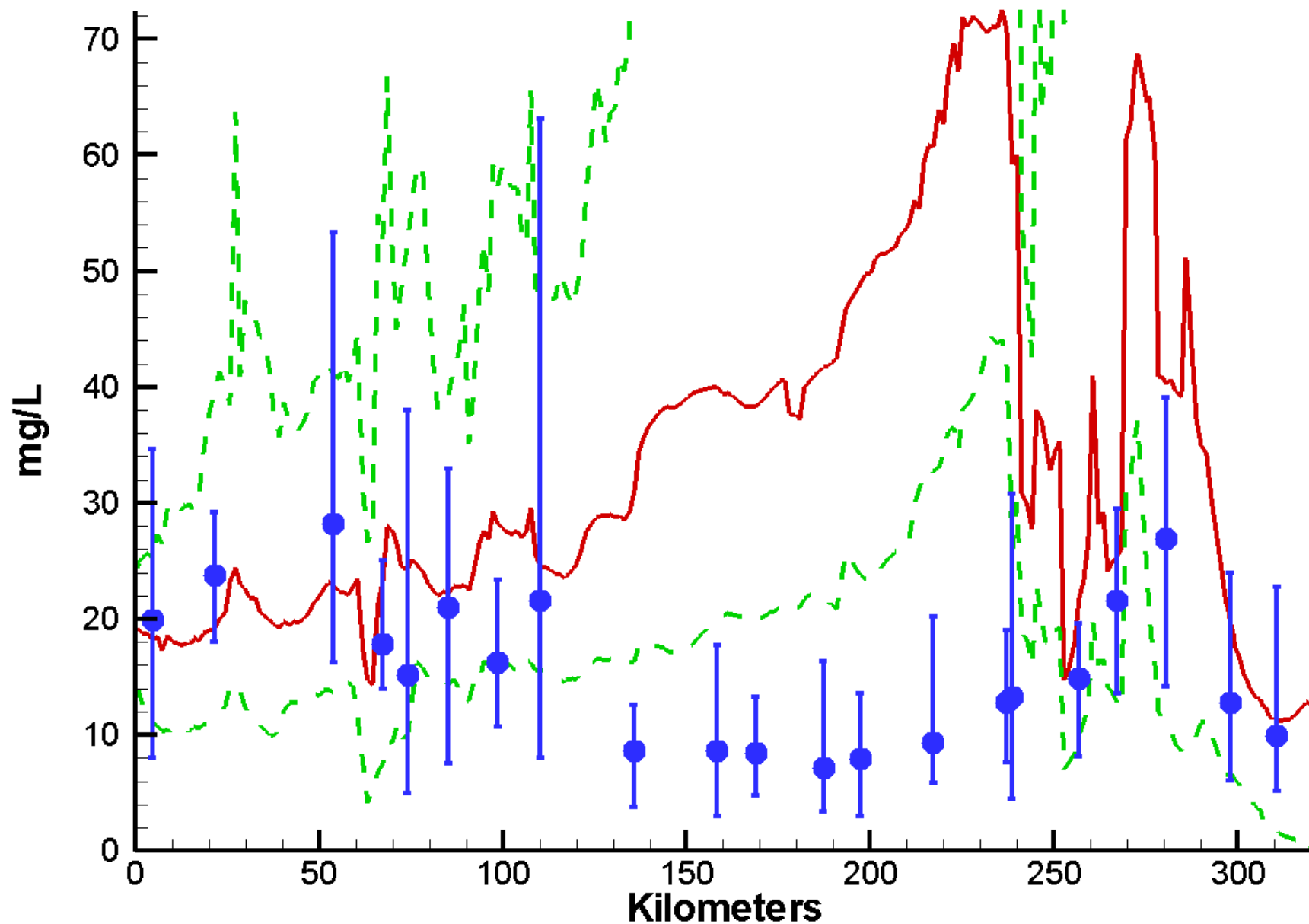
# Mainstem Bay Ches2015 Run118

## Surface Total Phosphorus Summer 1994



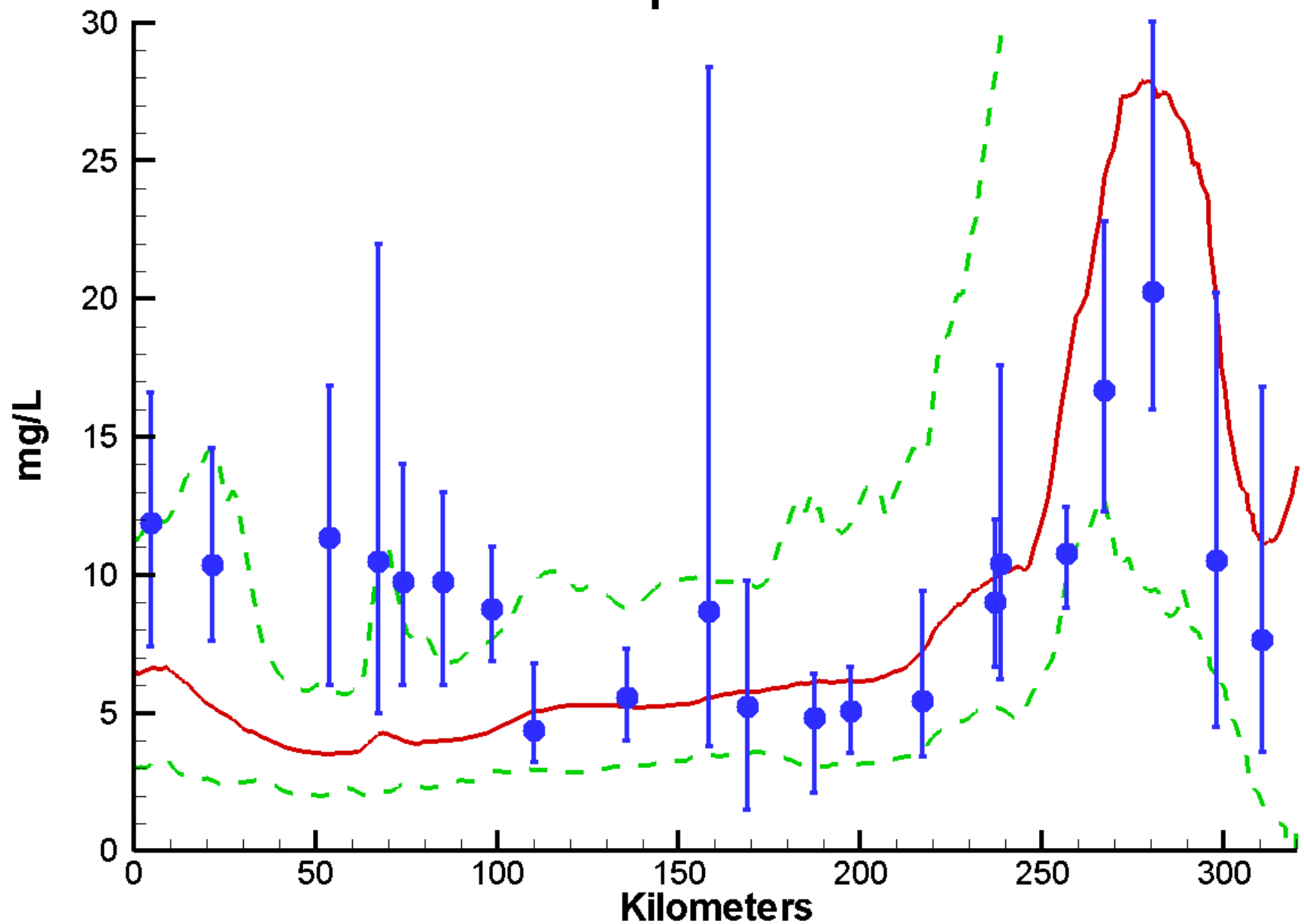
# Mainstem Bay Ches2015 Run118

## Bottom Total Suspended Solids Summer 1994



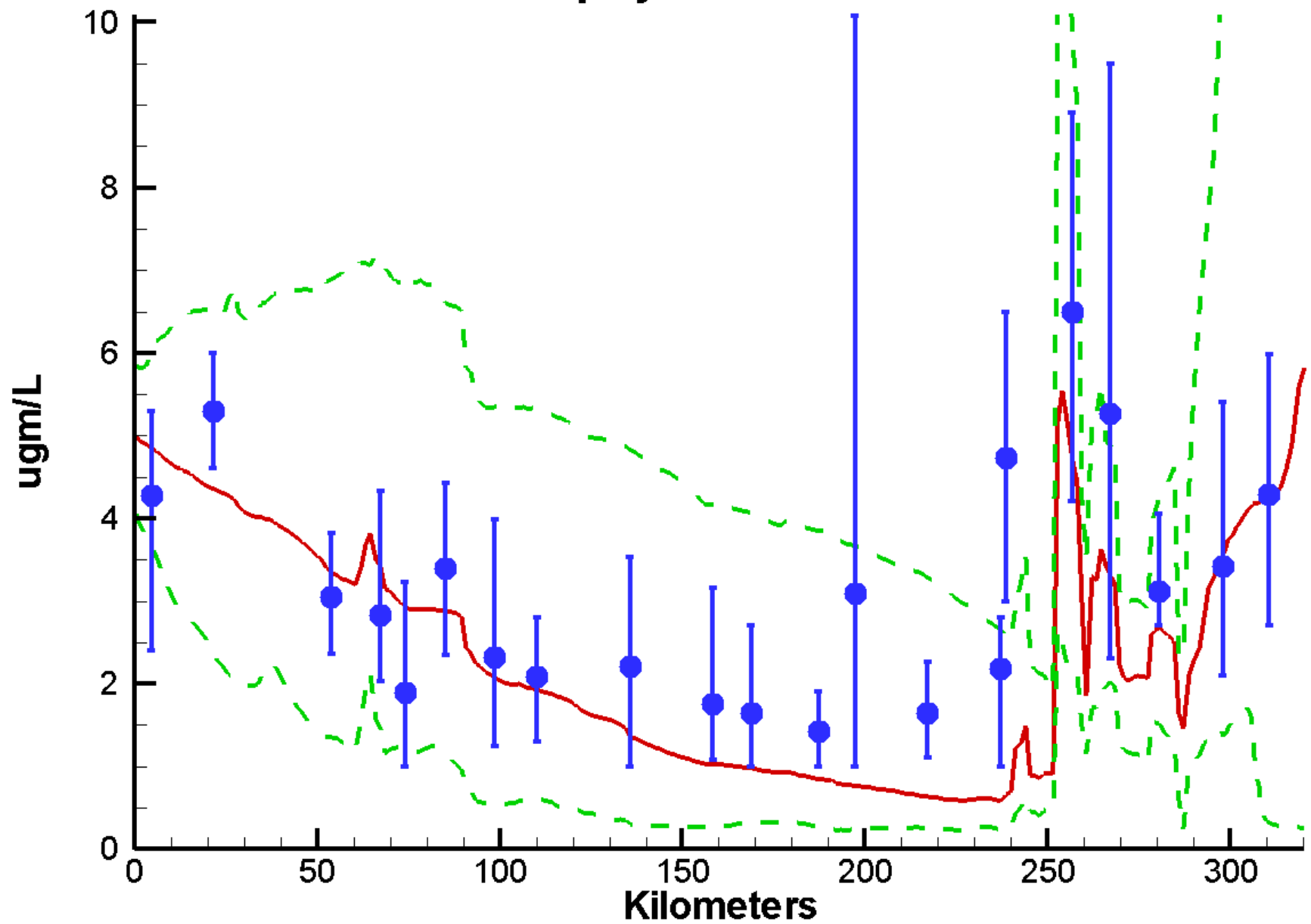
# Mainstem Bay Ches2015 Run118

## Surface Total Suspended Solids Summer 1994



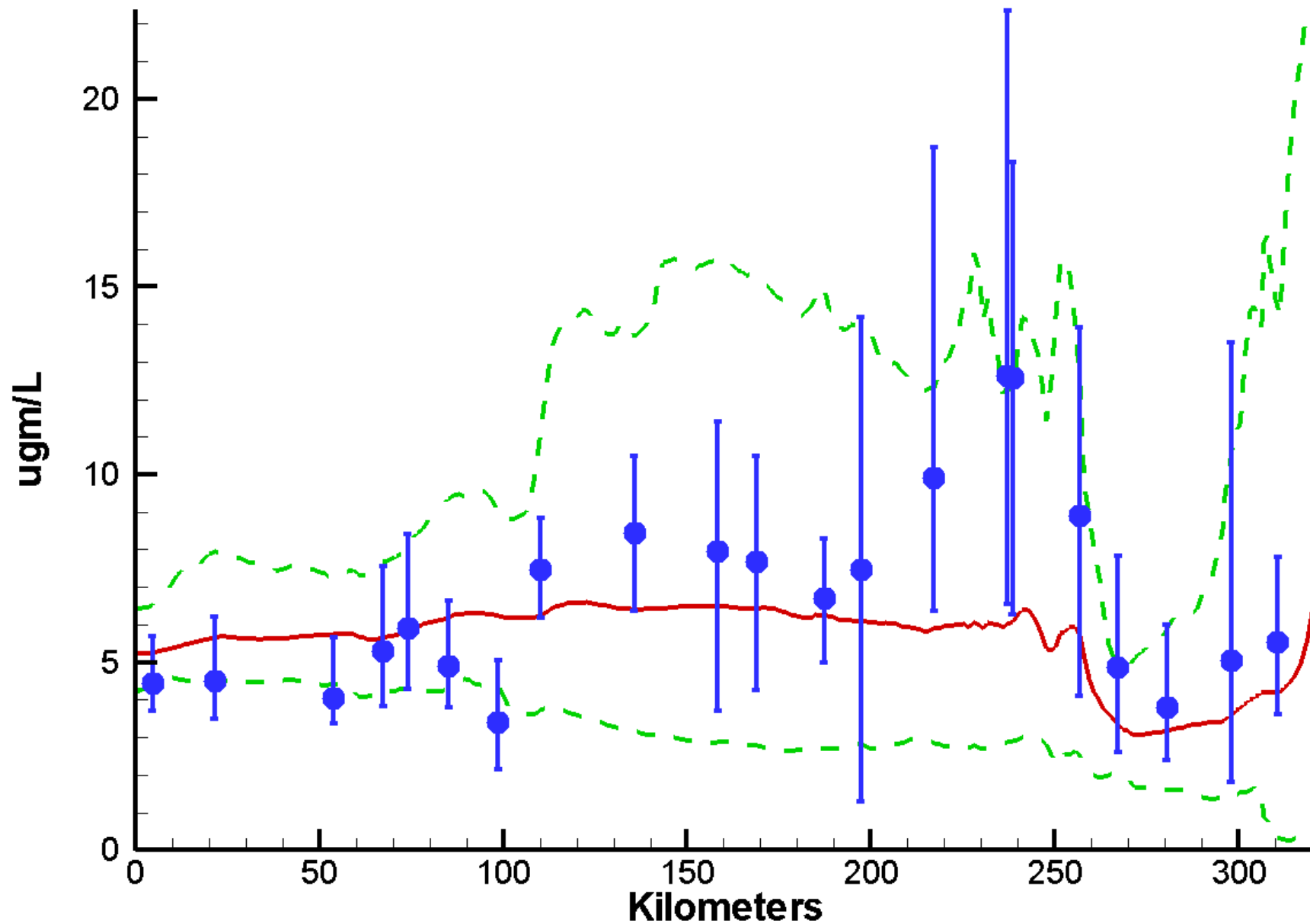
# Mainstem Bay Ches2015 Run118

## Bottom Chlorophyll Fall 1994



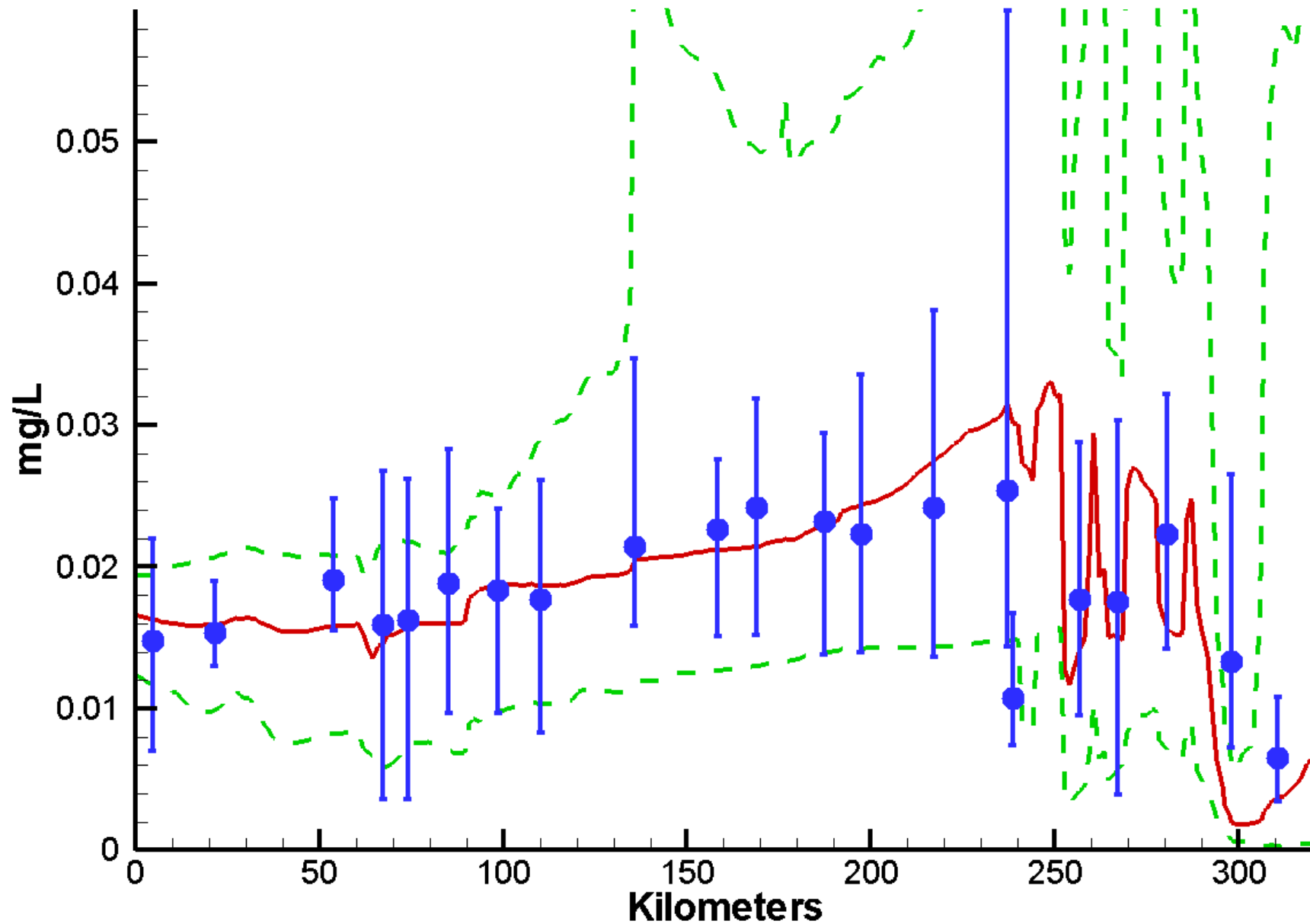
# Mainstem Bay Ches2015 Run118

## Surface Chlorophyll Fall 1994



# Mainstem Bay Ches2015 Run118

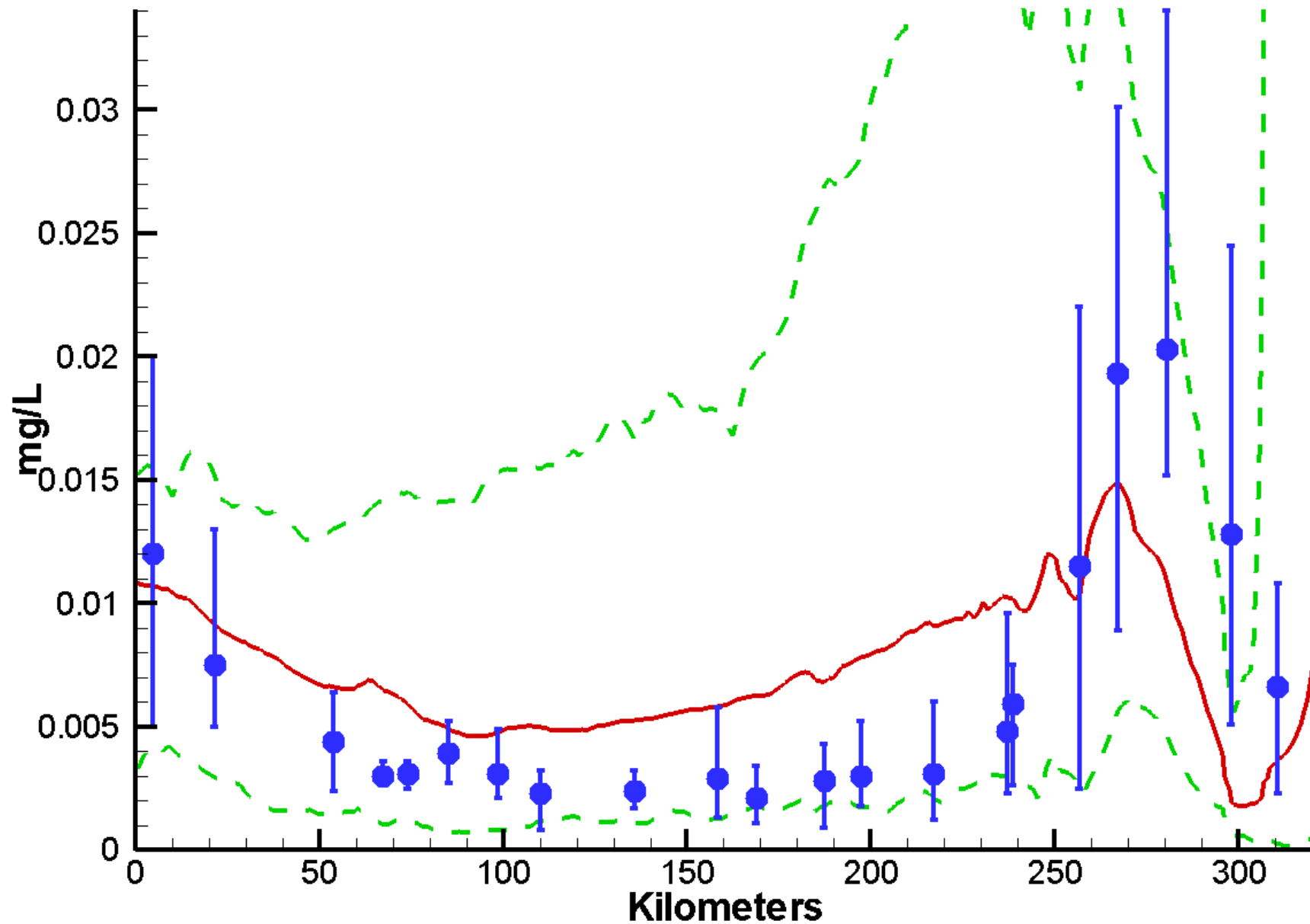
## Bottom Dissolved Phosphate Fall 1994



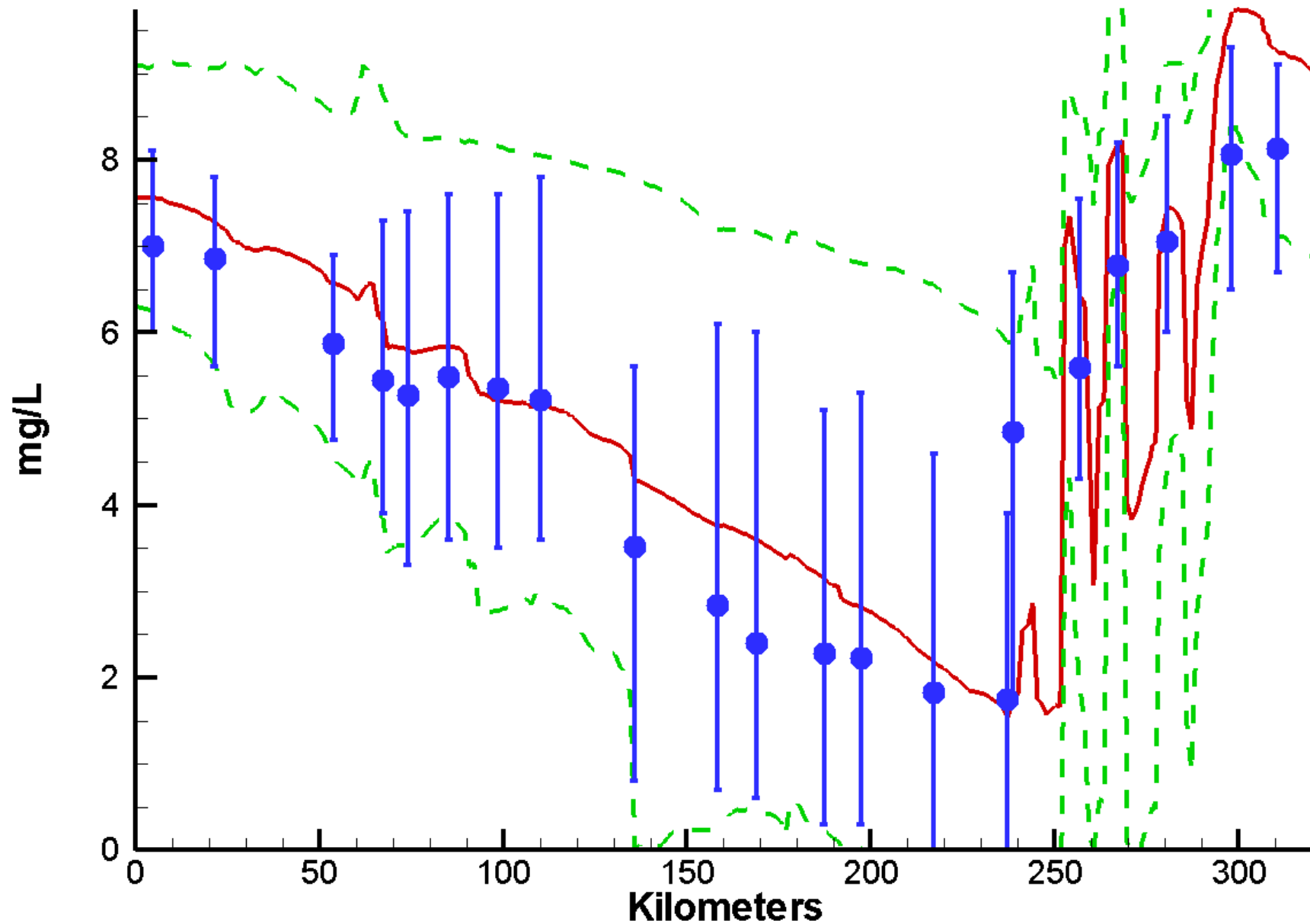


# Mainstem Bay Ches2015 Run118

## Surface Dissolved Phosphate Fall 1994

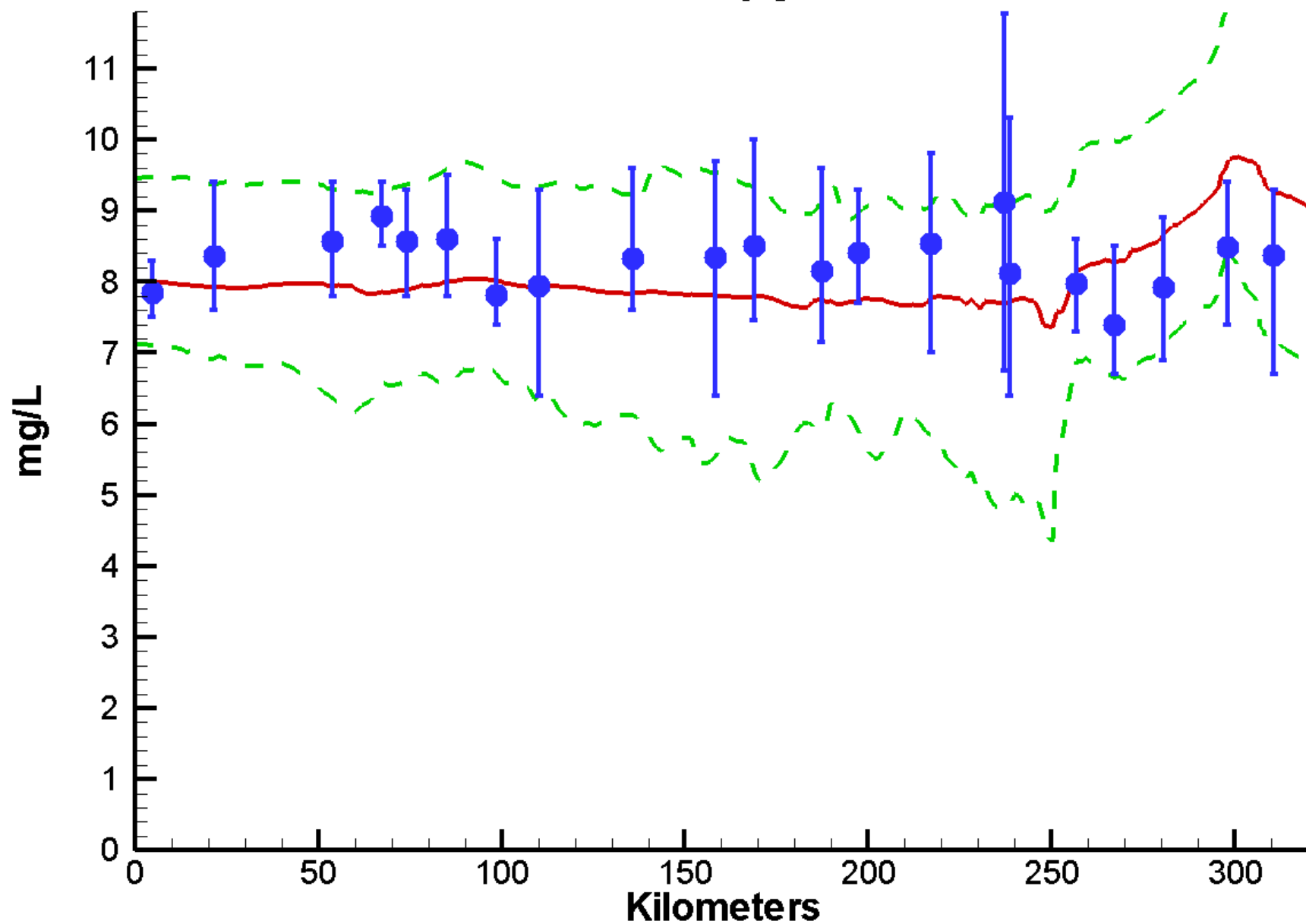


# Mainstem Bay Ches2015 Run118 Bottom Dissolved Oxygen Fall 1994



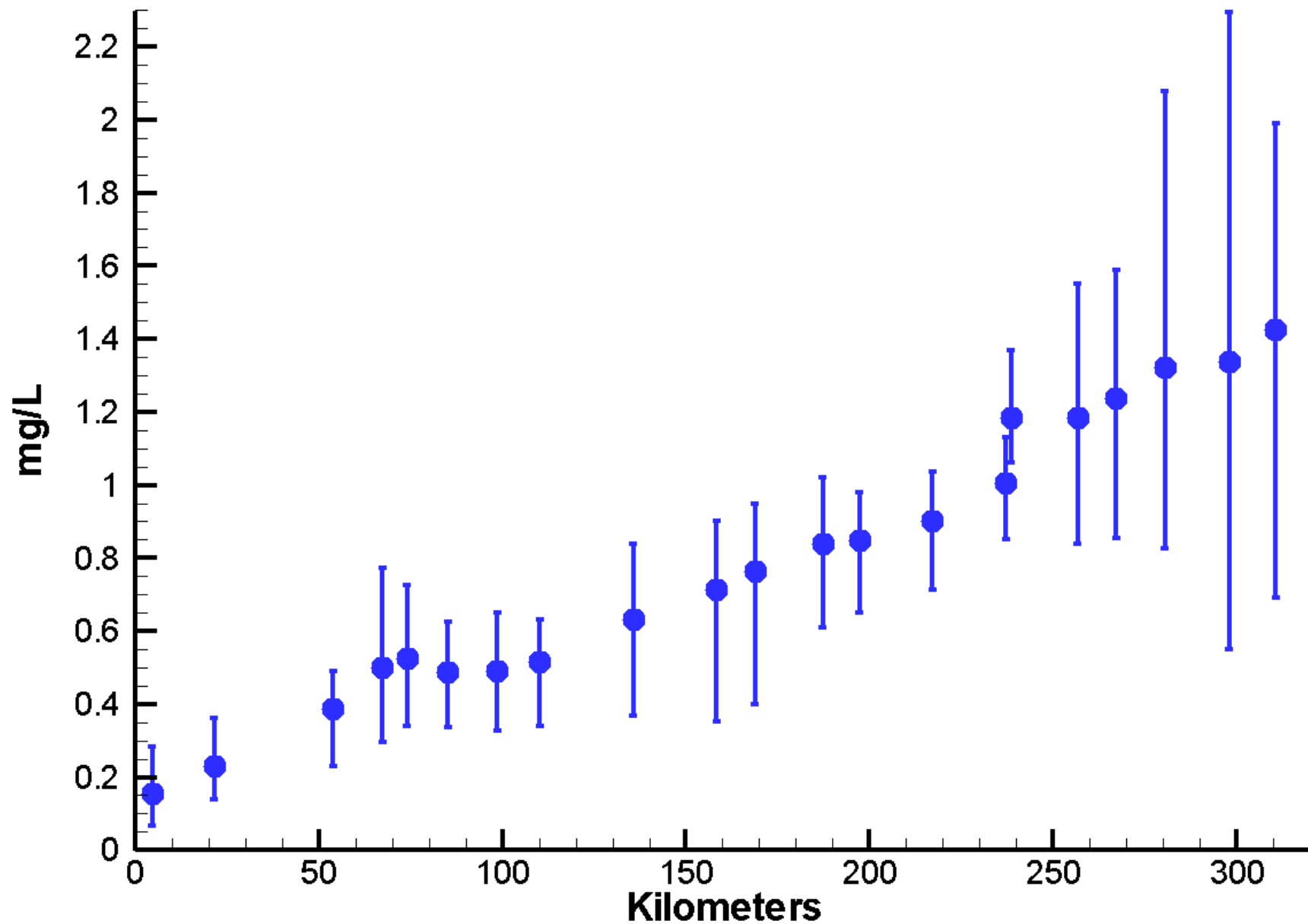
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Oxygen Fall 1994



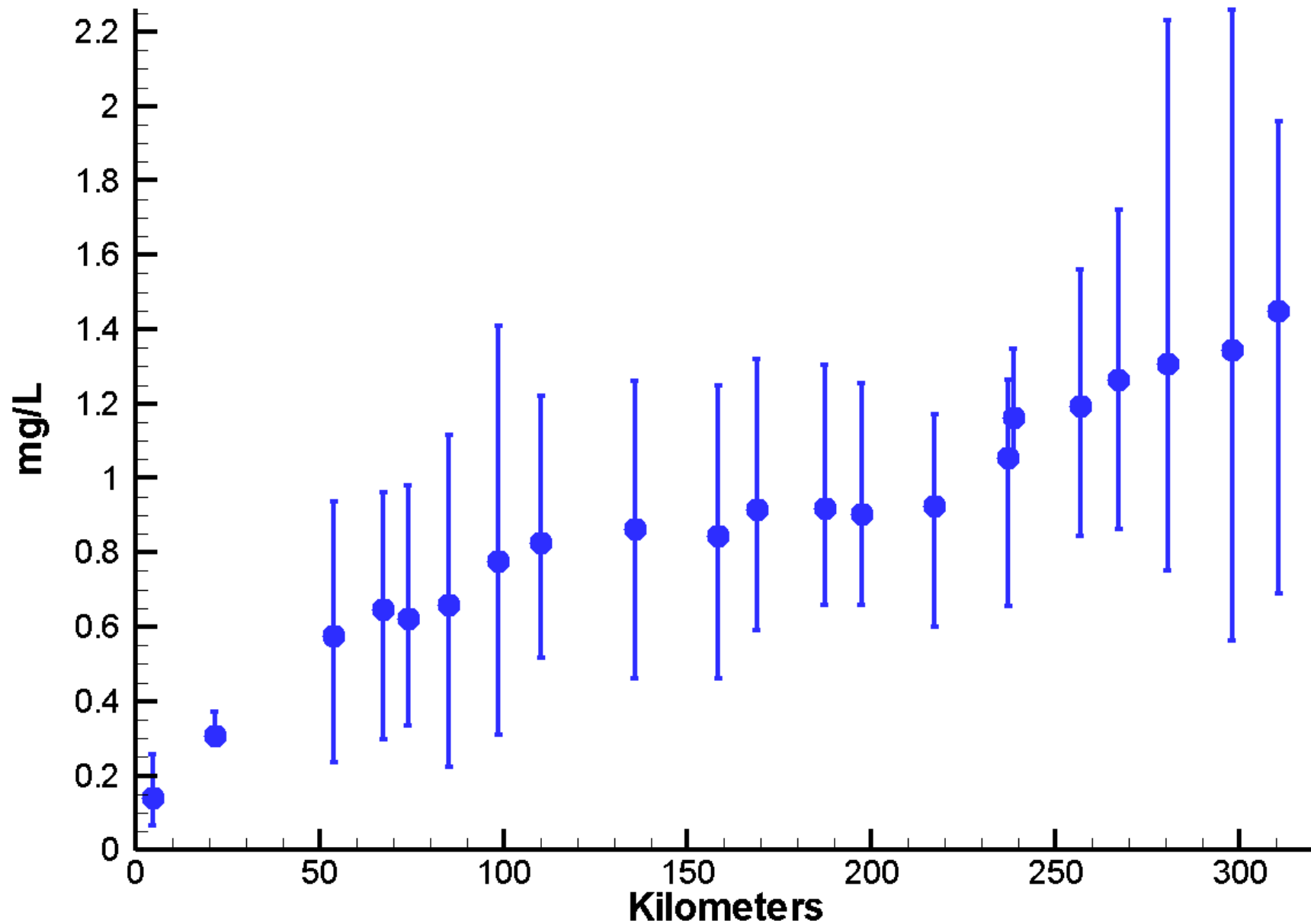
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Silica Fall 1994



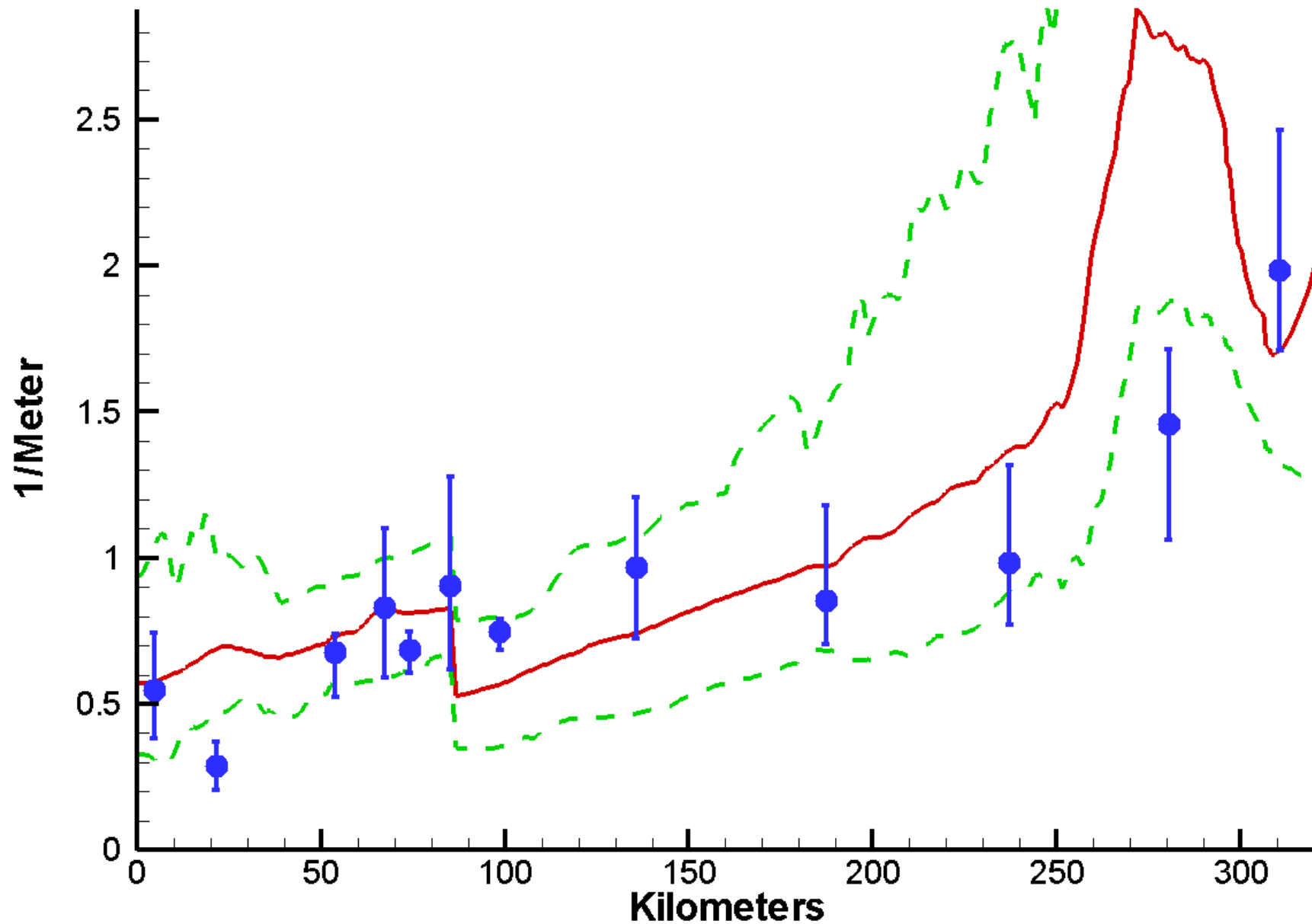
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Silica Fall 1994



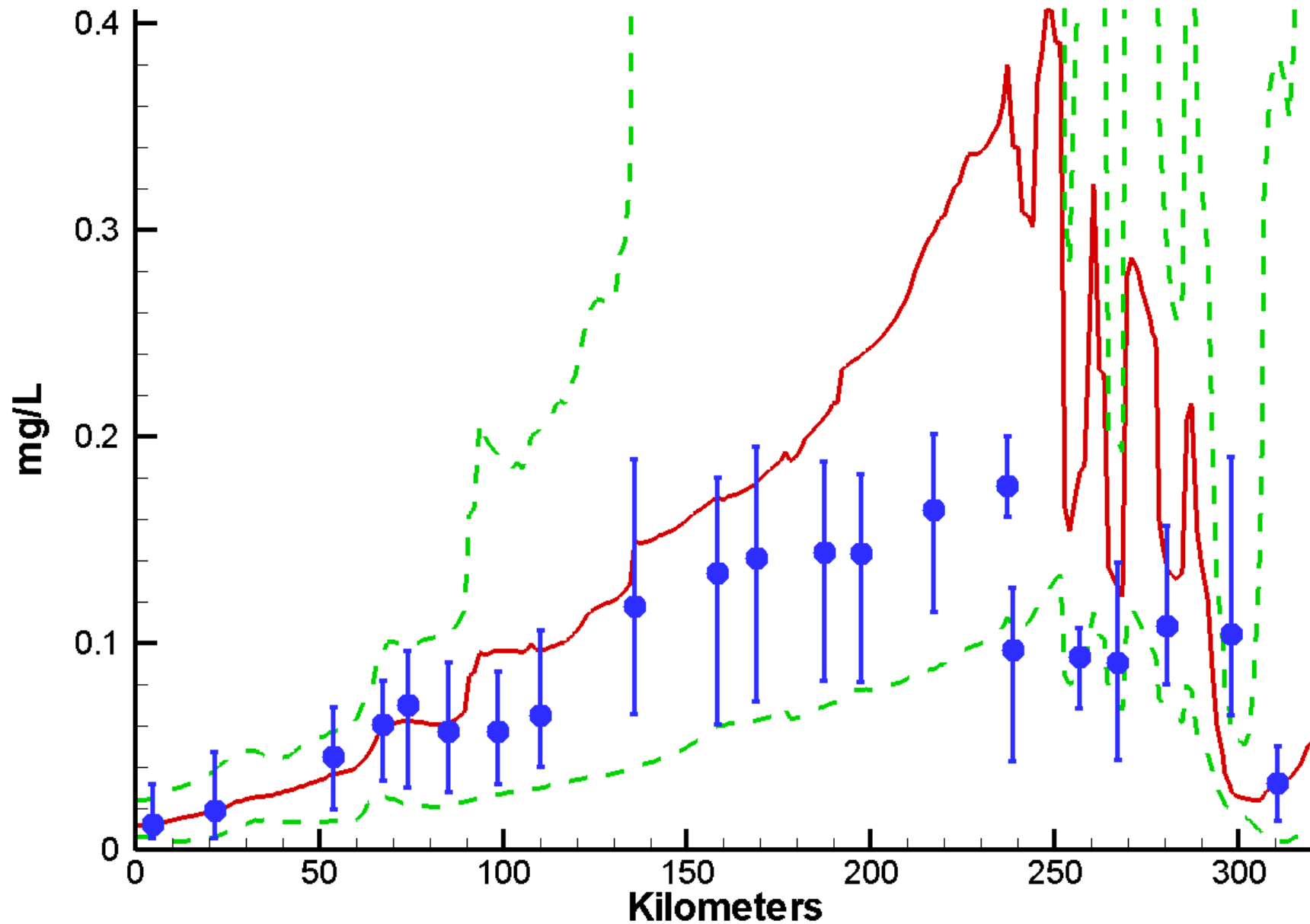
# Mainstem Bay Ches2015 Run118

## Surface Light Extinction Fall 1994



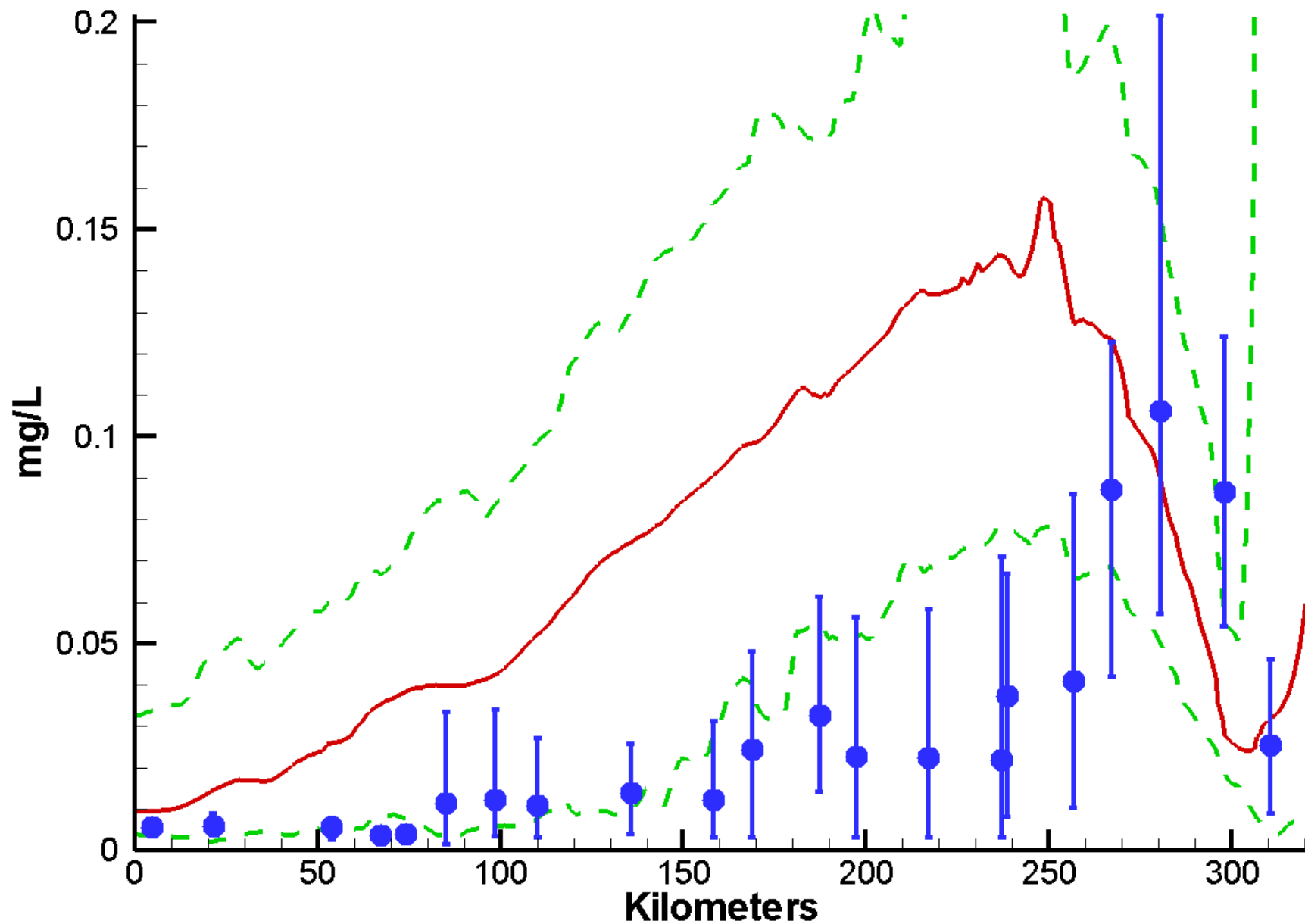
# Mainstem Bay Ches2015 Run118

## Bottom Ammonium Fall 1994



# Mainstem Bay Ches2015 Run118

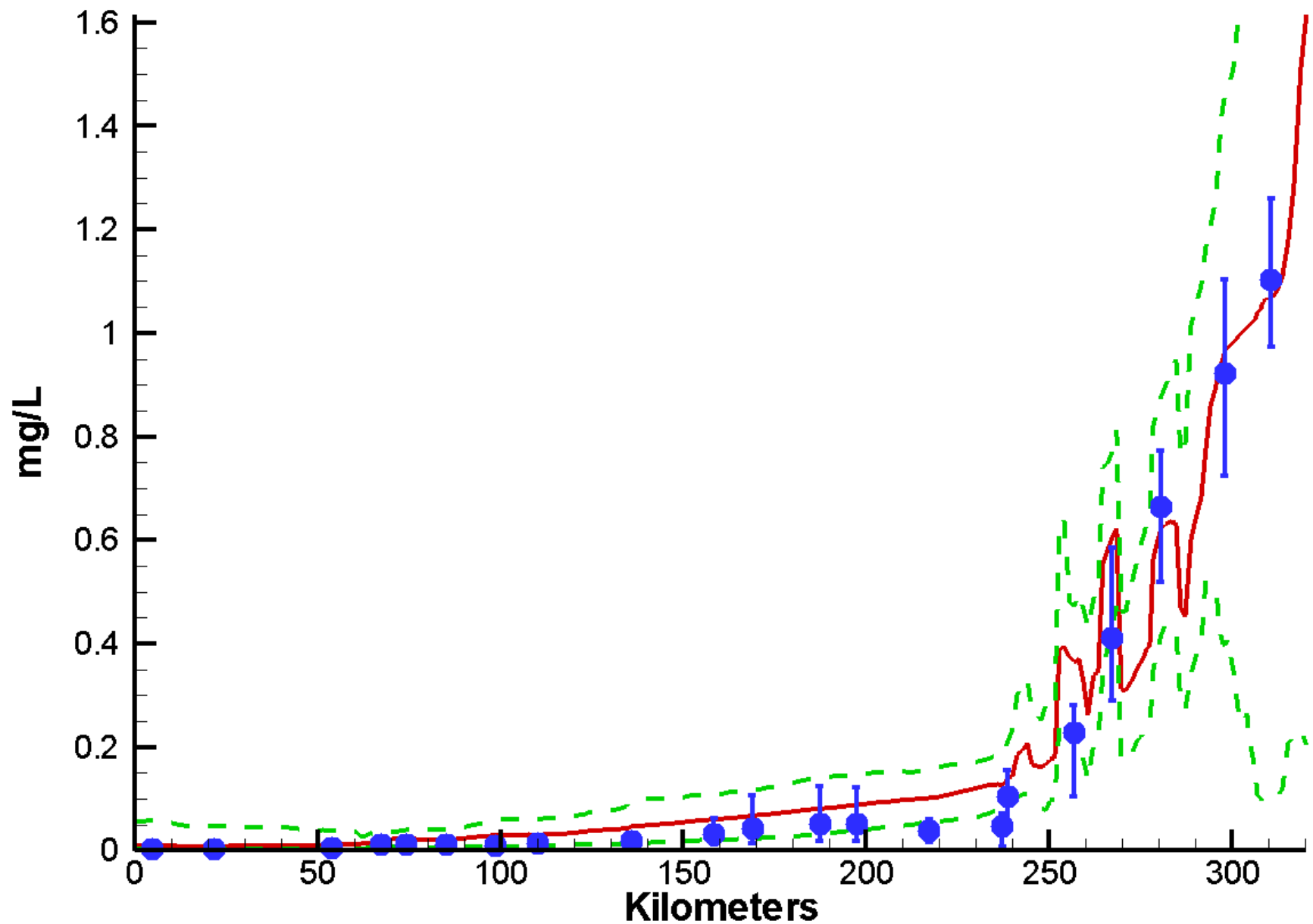
## Surface Ammonium Fall 1994





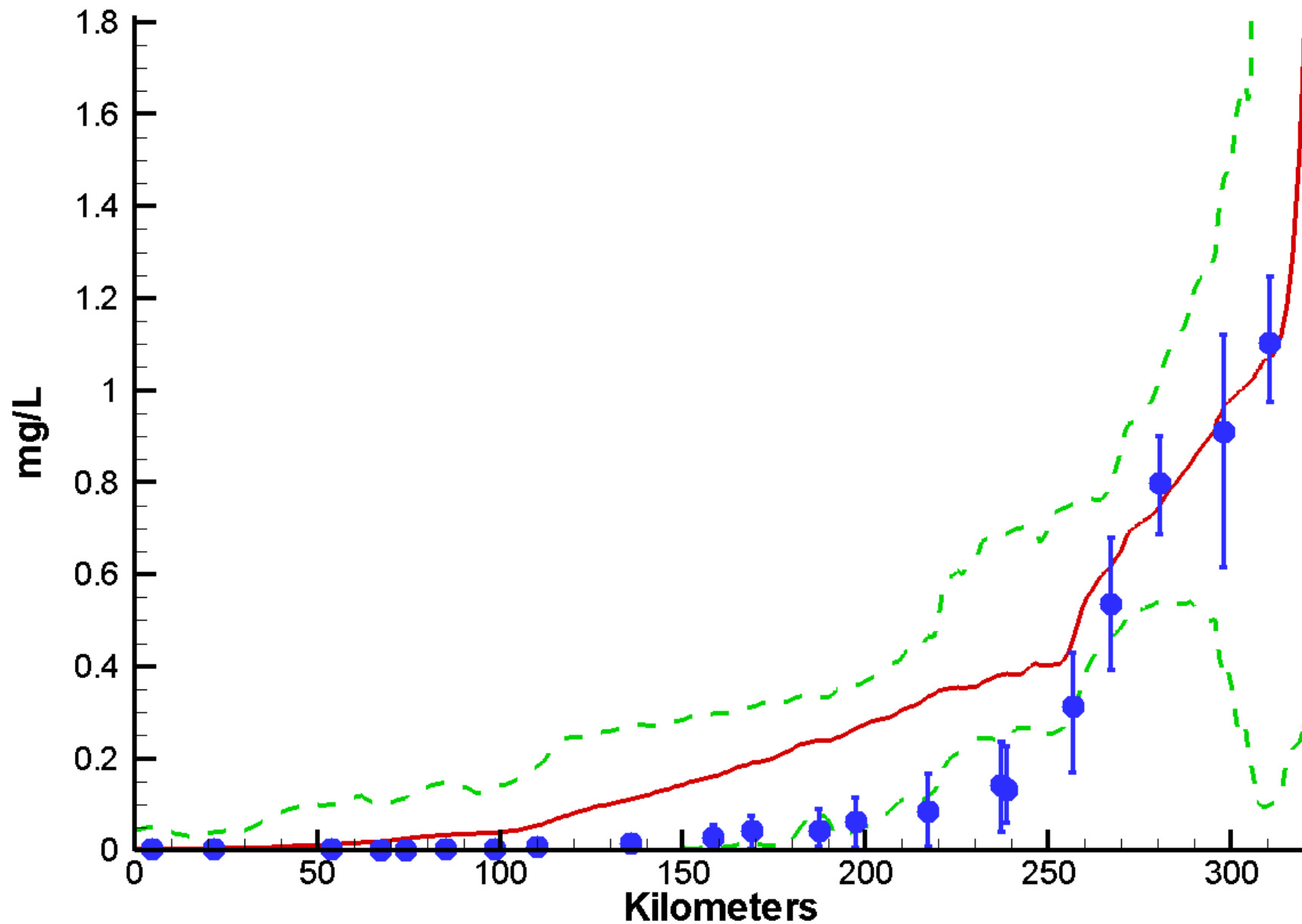
# Mainstem Bay Ches2015 Run118

## Bottom Nitrate Fall 1994



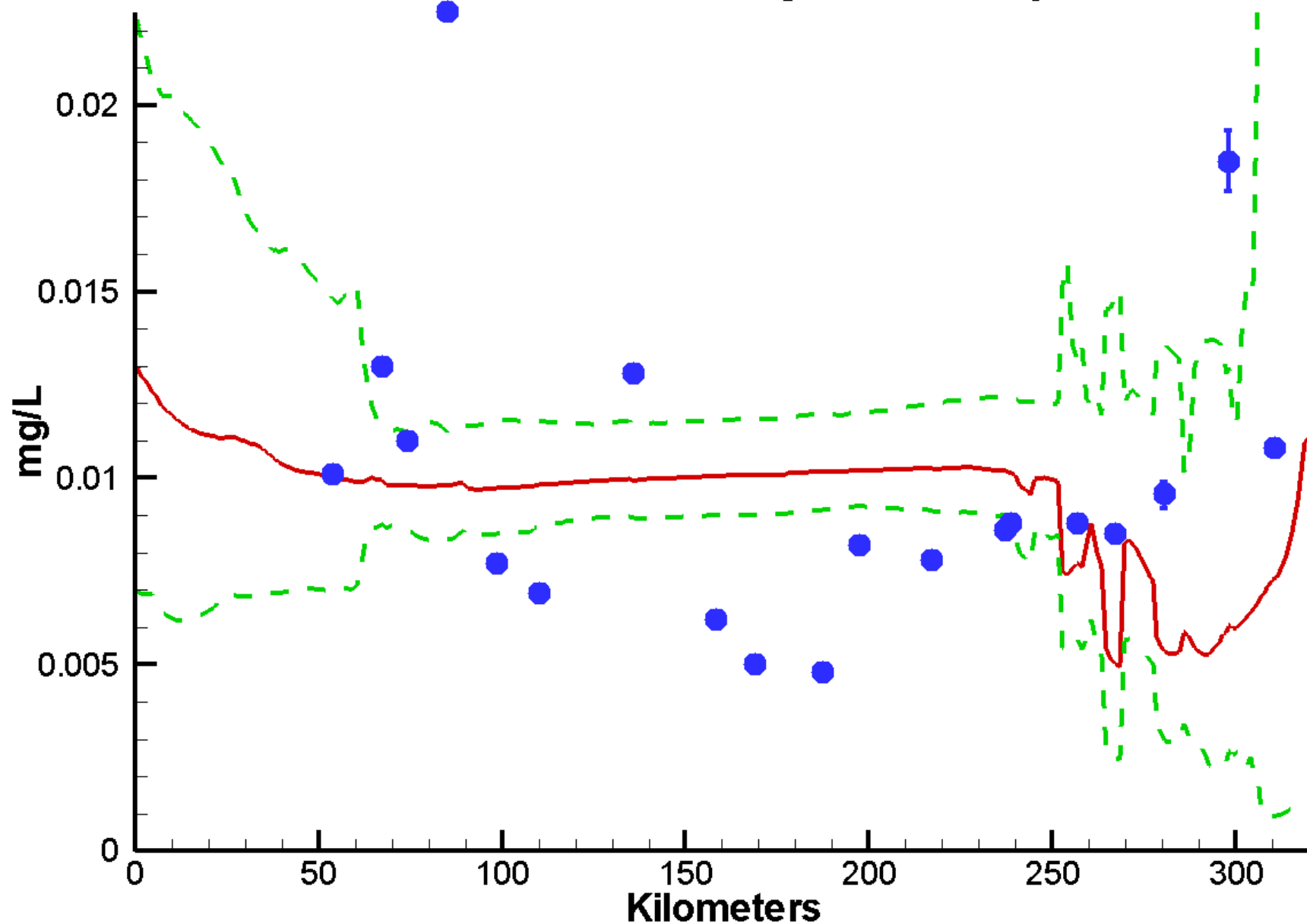
# Mainstem Bay Ches2015 Run118

## Surface Nitrate Fall 1994



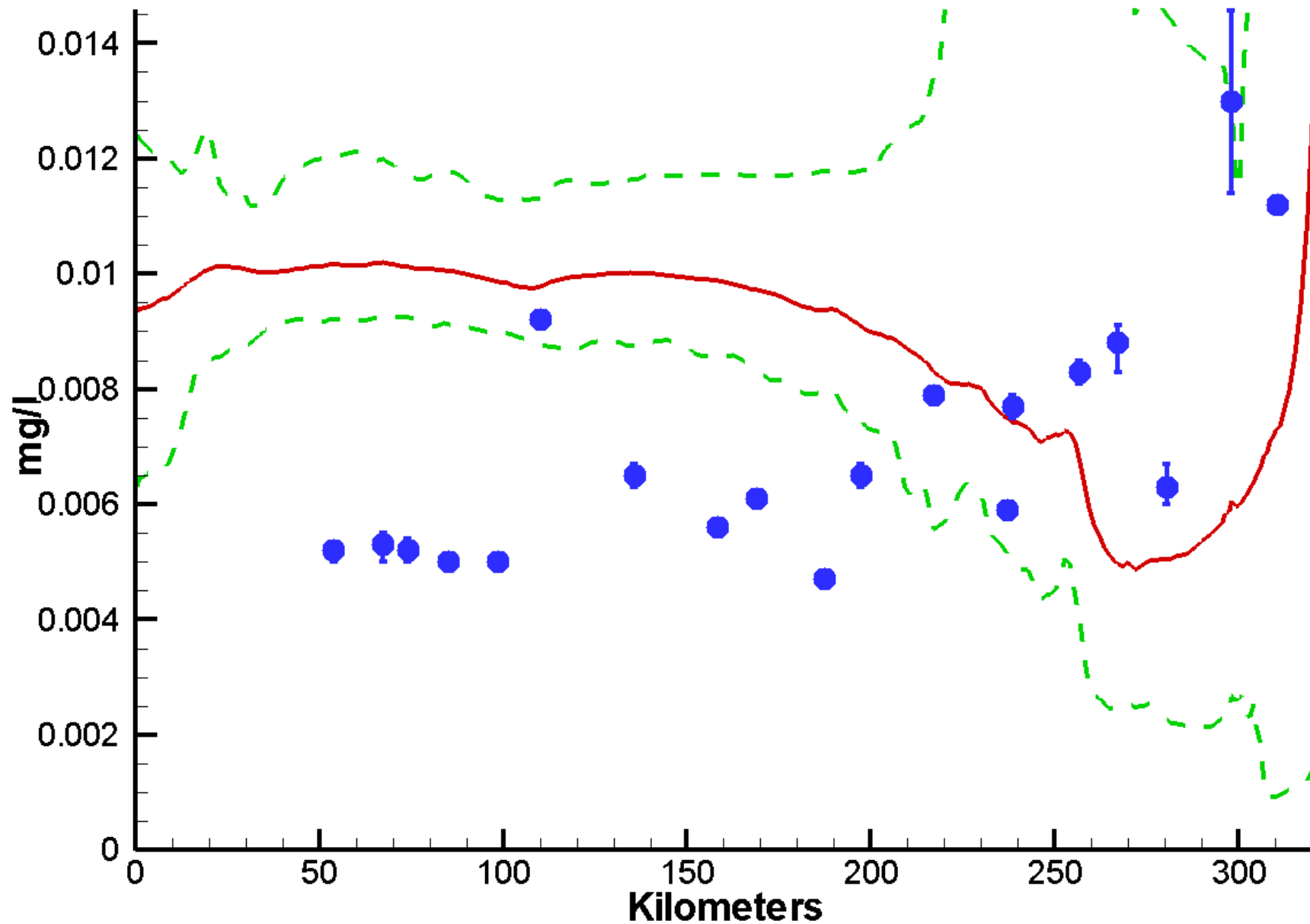
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1994



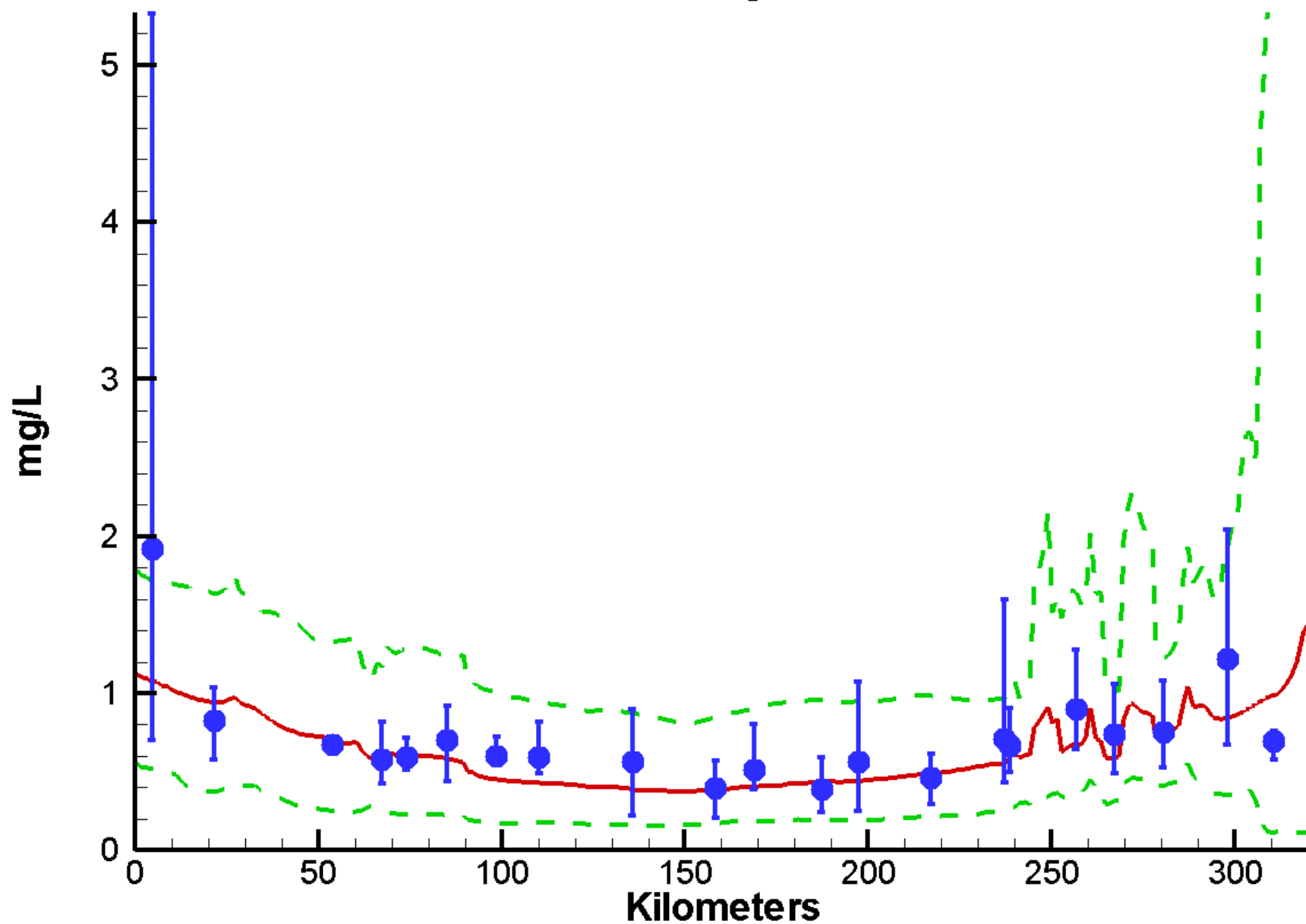
# Mainstem Bay Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Fall 1994



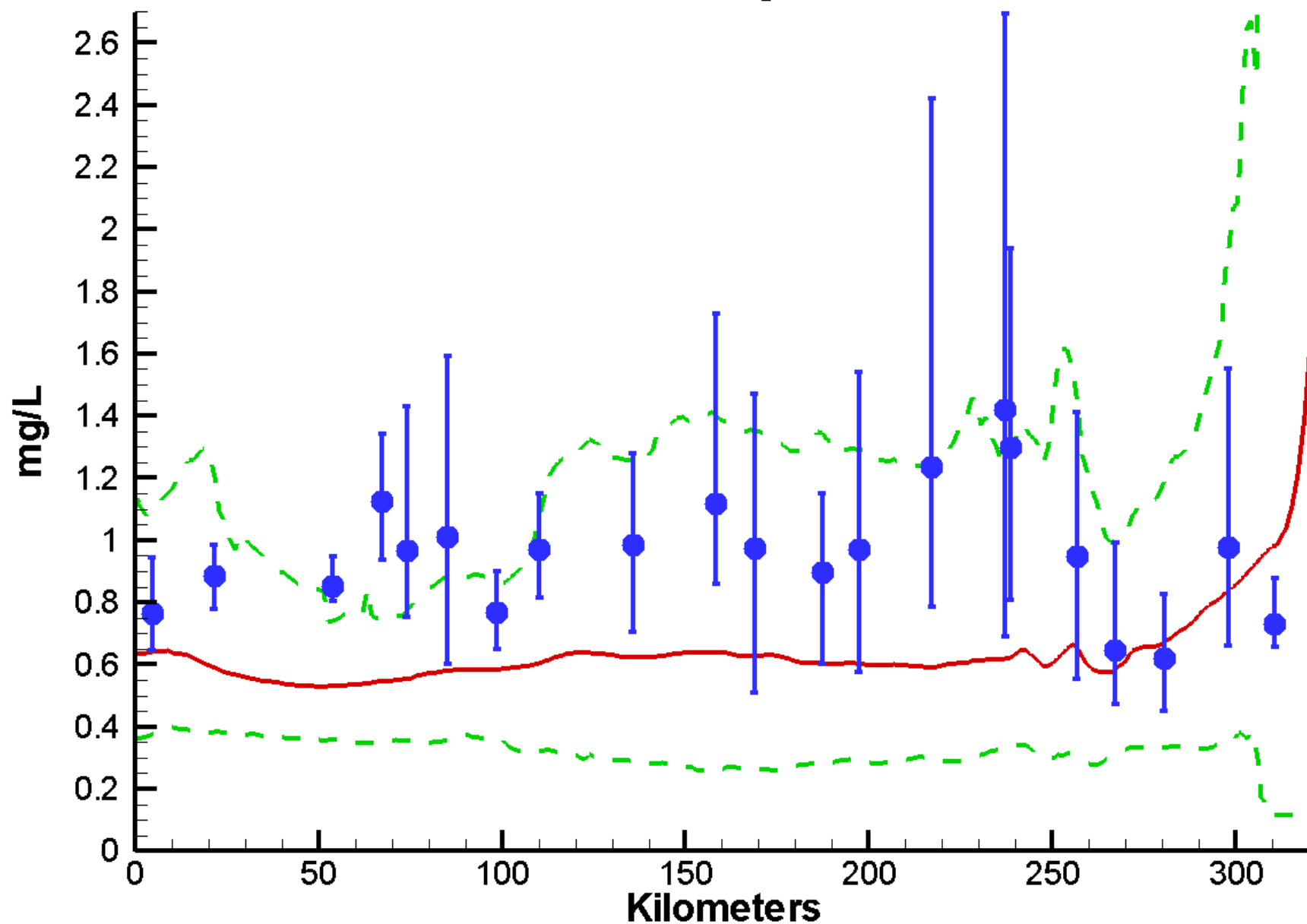
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1994



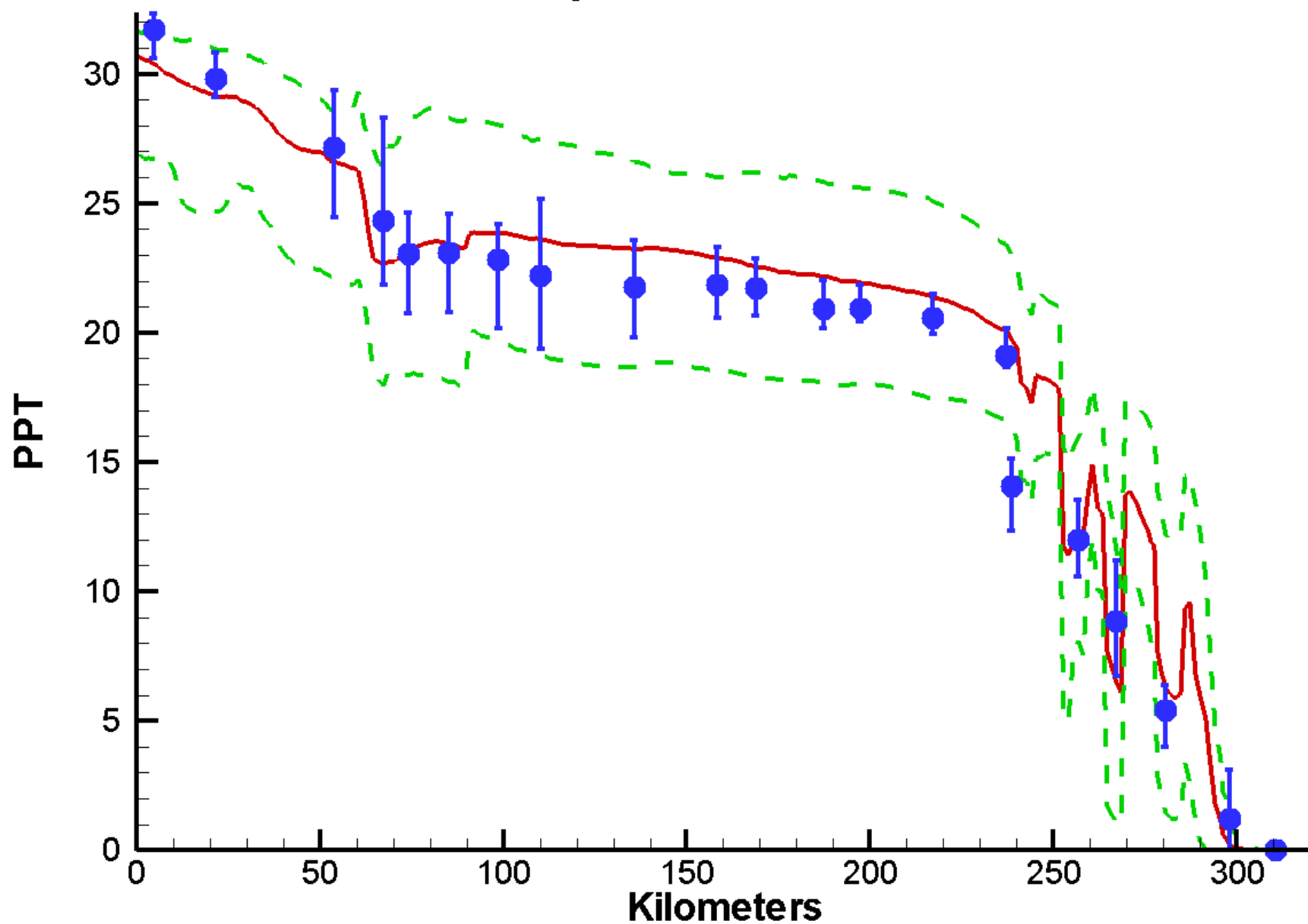
# Mainstem Bay Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1994



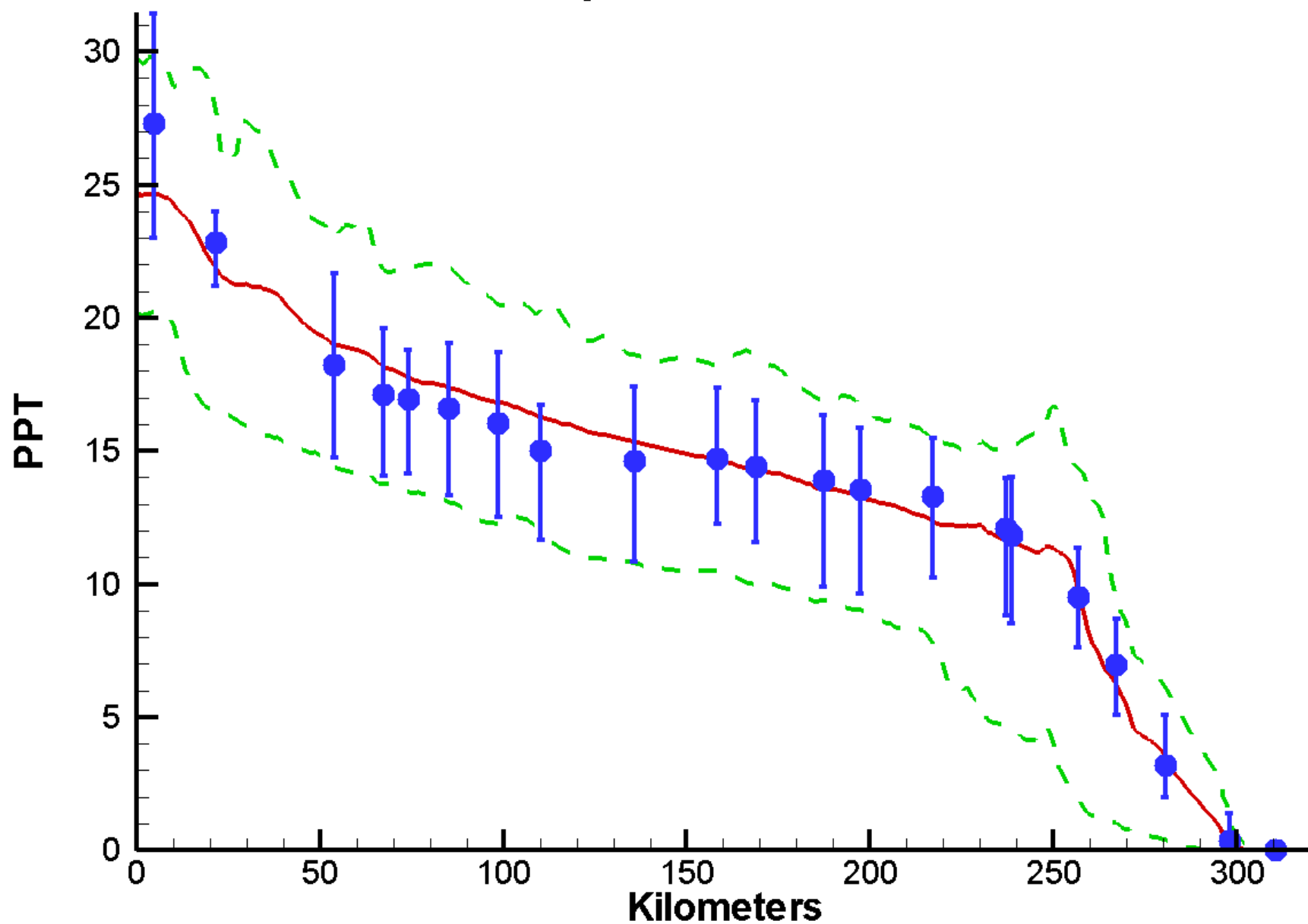
# Mainstem Bay Ches2015 Run118

## Bottom Salinity Fall 1994



# Mainstem Bay Ches2015 Run118

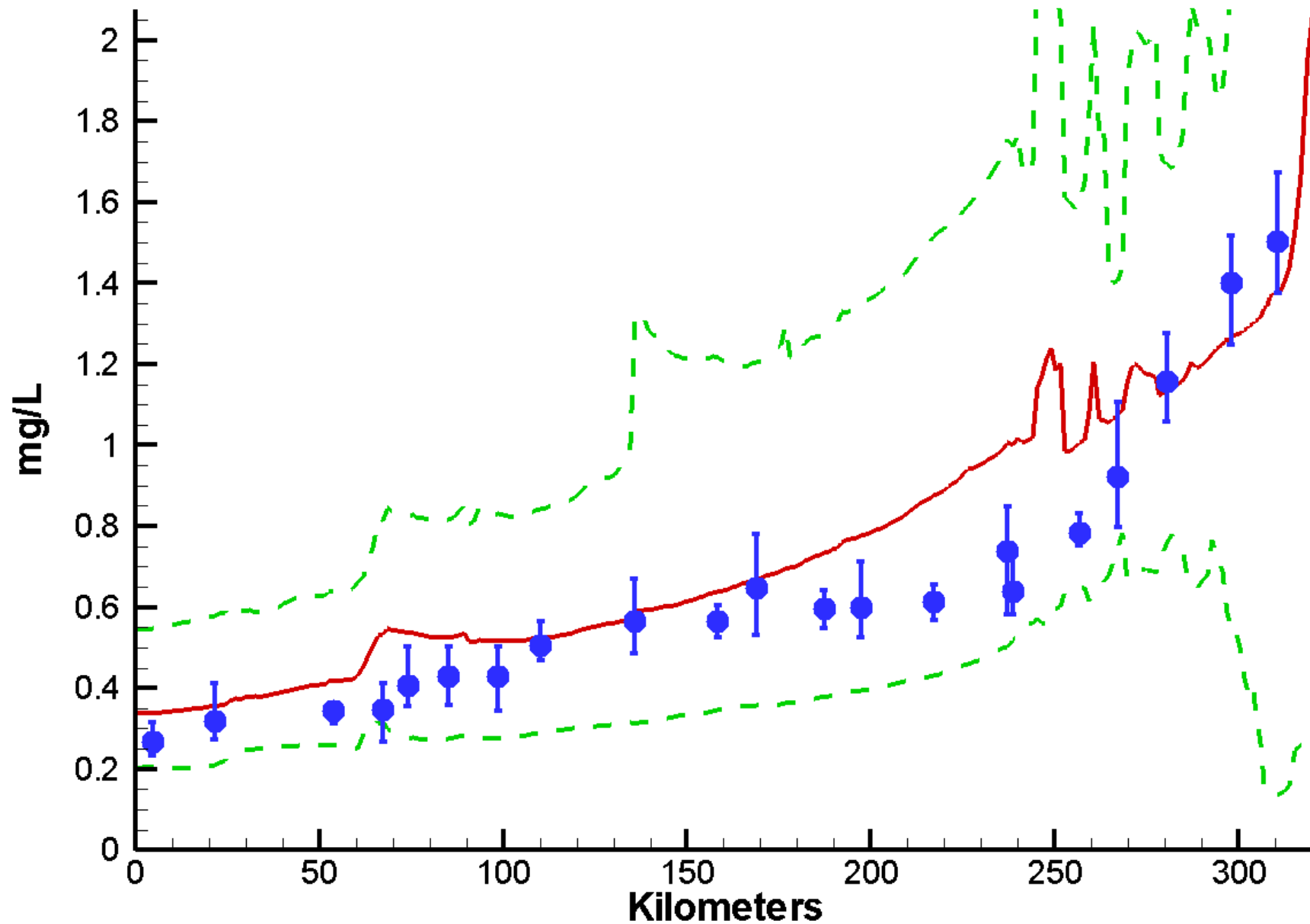
## Surface Salinity Fall 1994





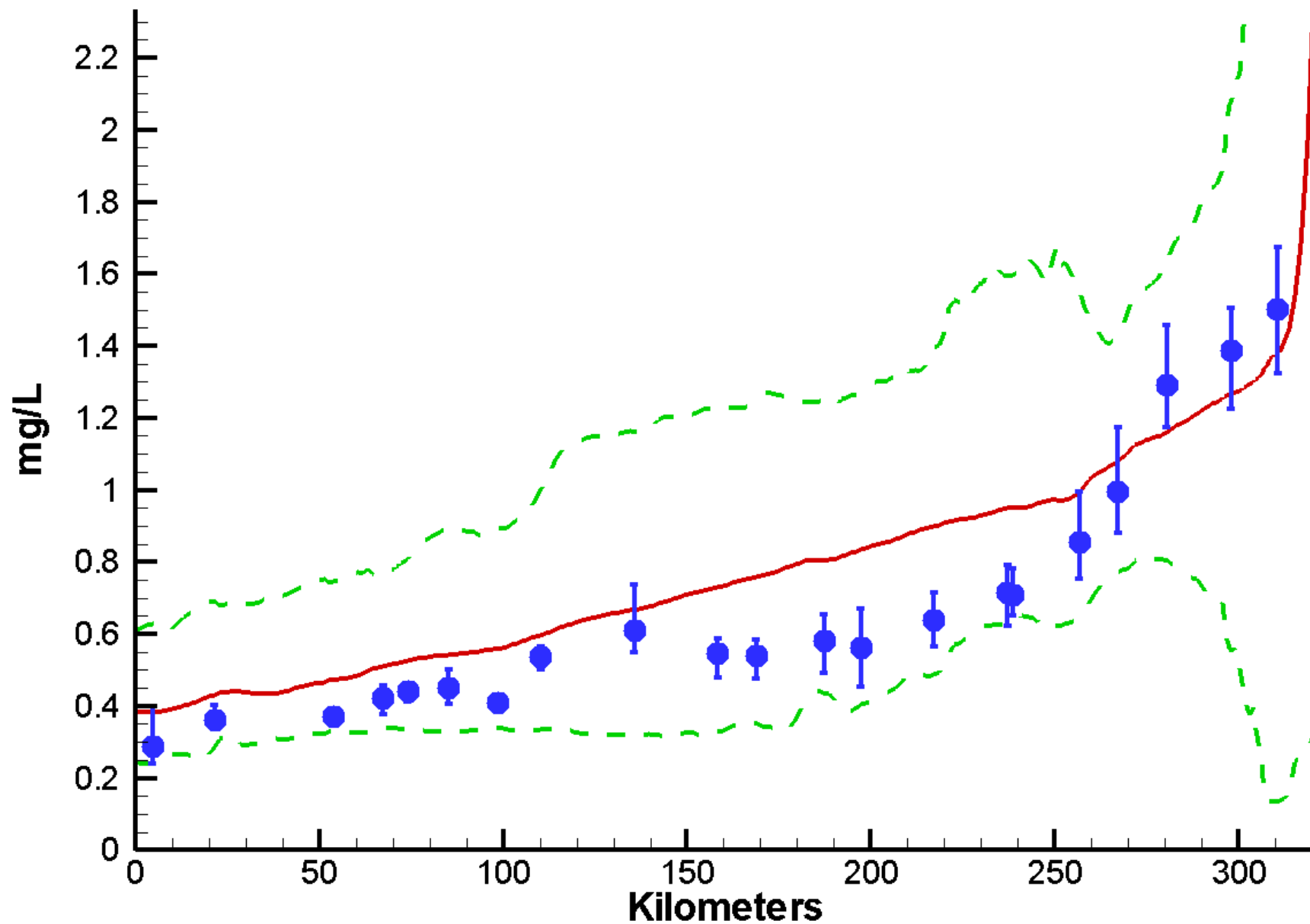
# Mainstem Bay Ches2015 Run118

## Bottom Total Nitrogen Fall 1994



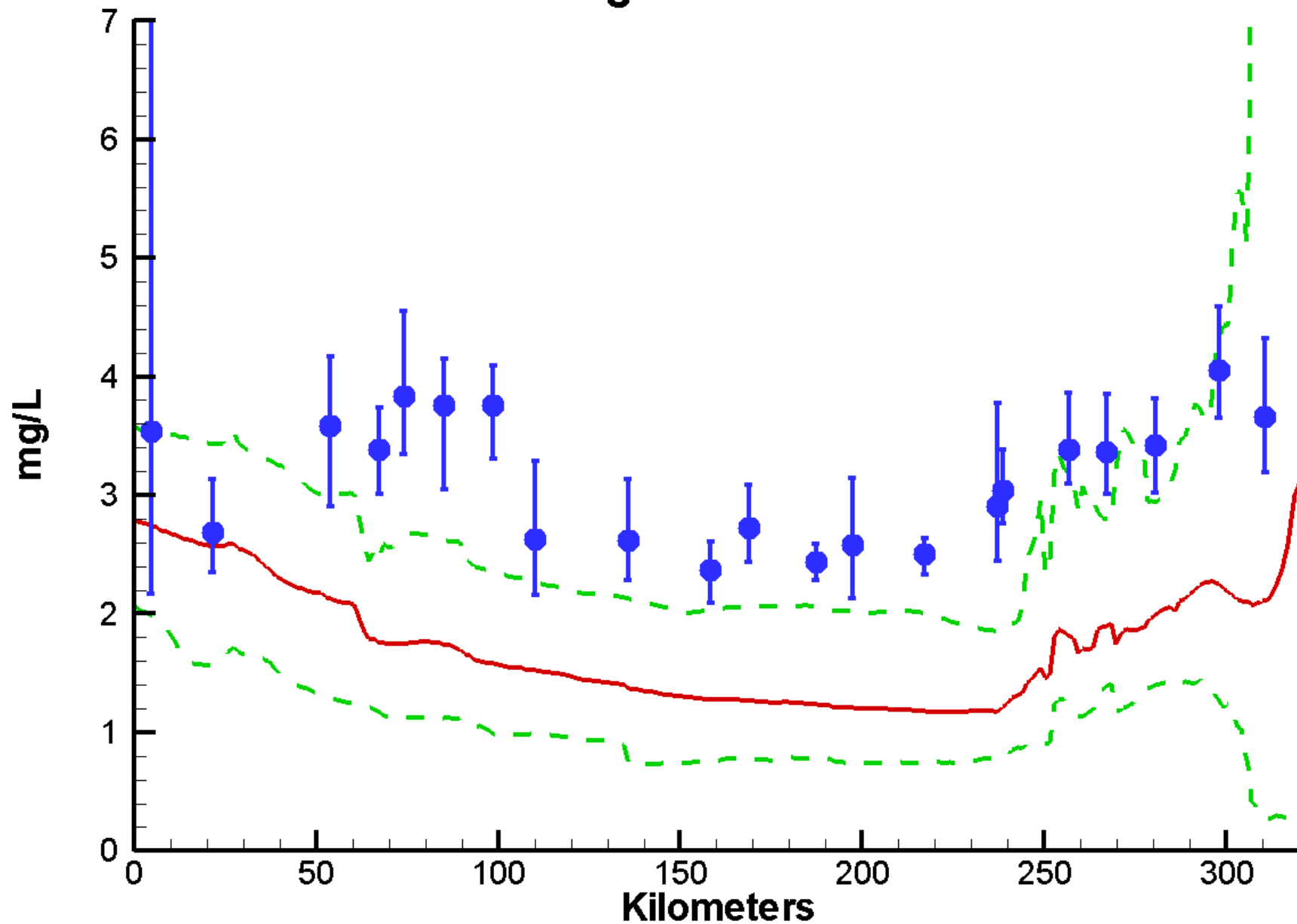
# Mainstem Bay Ches2015 Run118

## Surface Total Nitrogen Fall 1994



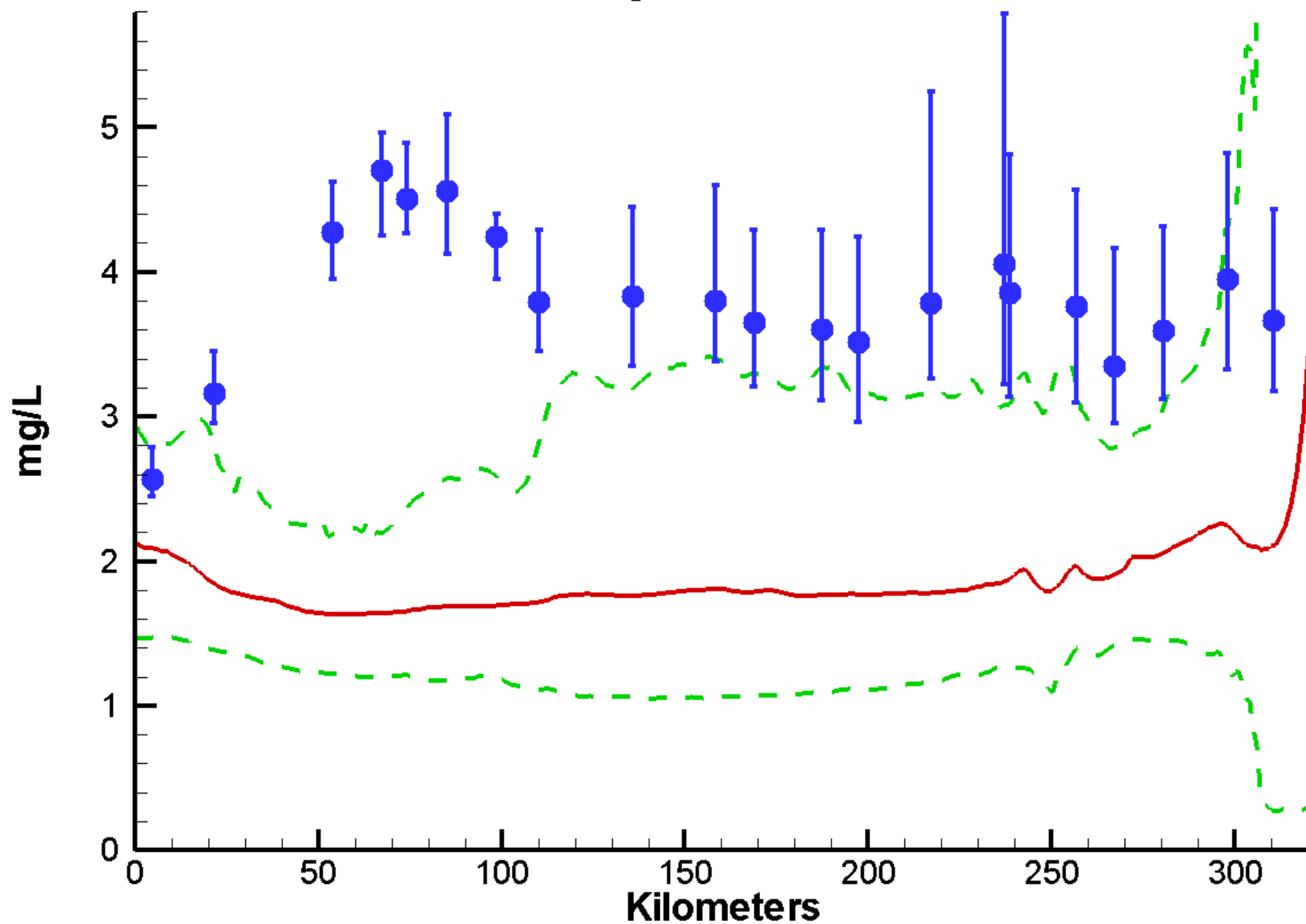
# Mainstem Bay Ches2015 Run118

## Bottom Total Organic Carbon Fall 1994



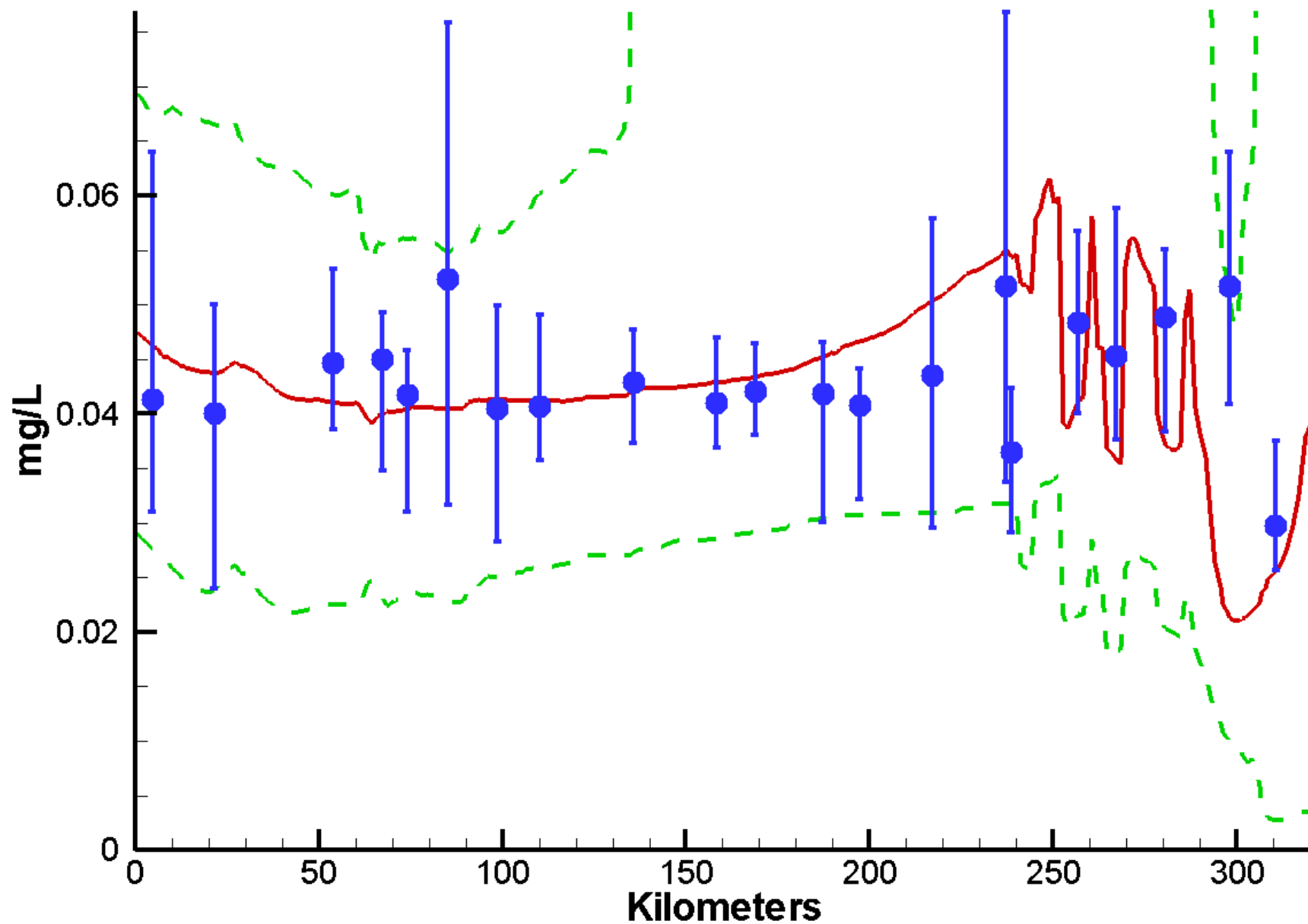
# Mainstem Bay Ches2015 Run118

## Surface Total Organic Carbon Fall 1994



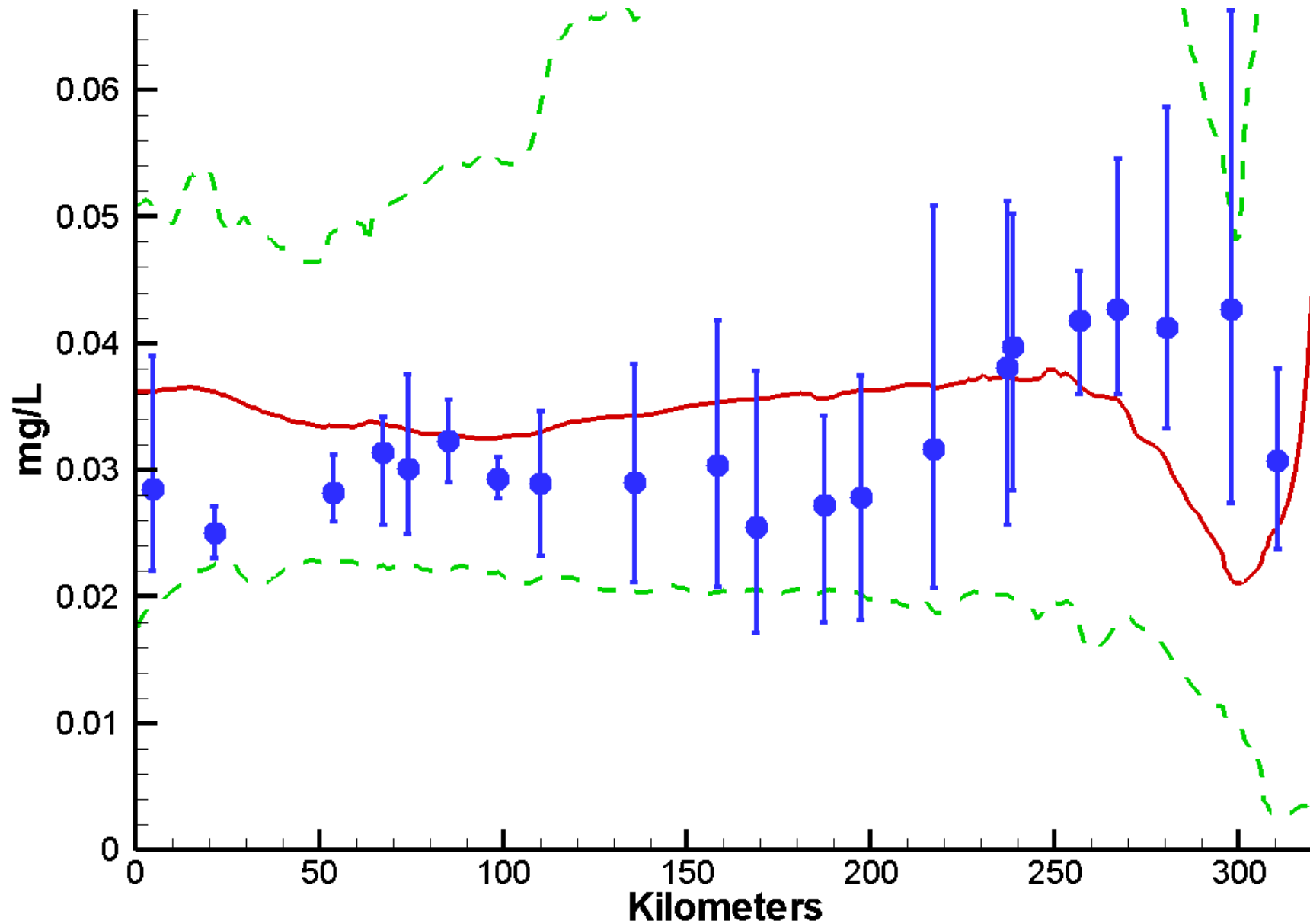
# Mainstem Bay Ches2015 Run118

## Bottom Total Phosphorus Fall 1994



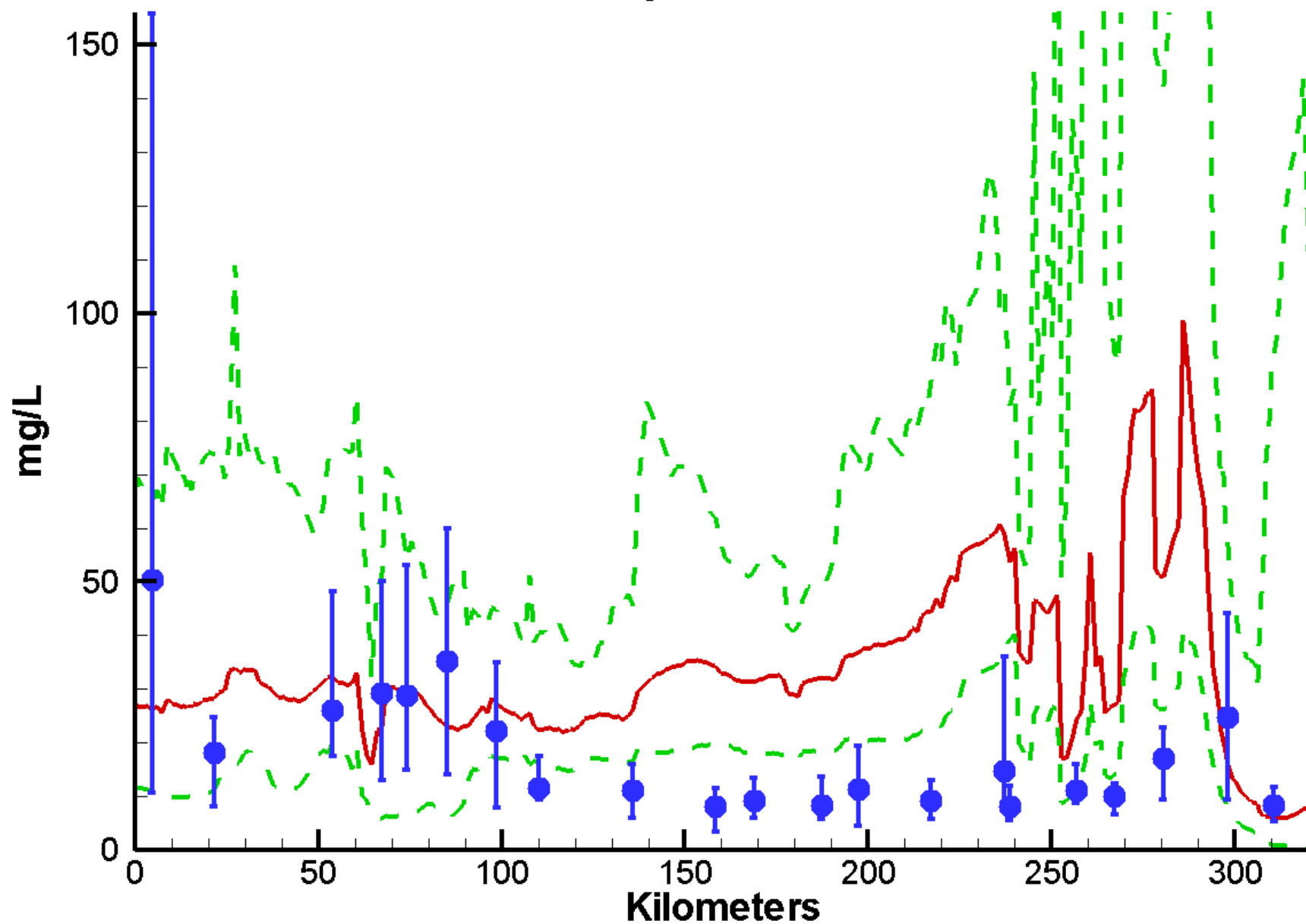
# Mainstem Bay Ches2015 Run118

## Surface Total Phosphorus Fall 1994



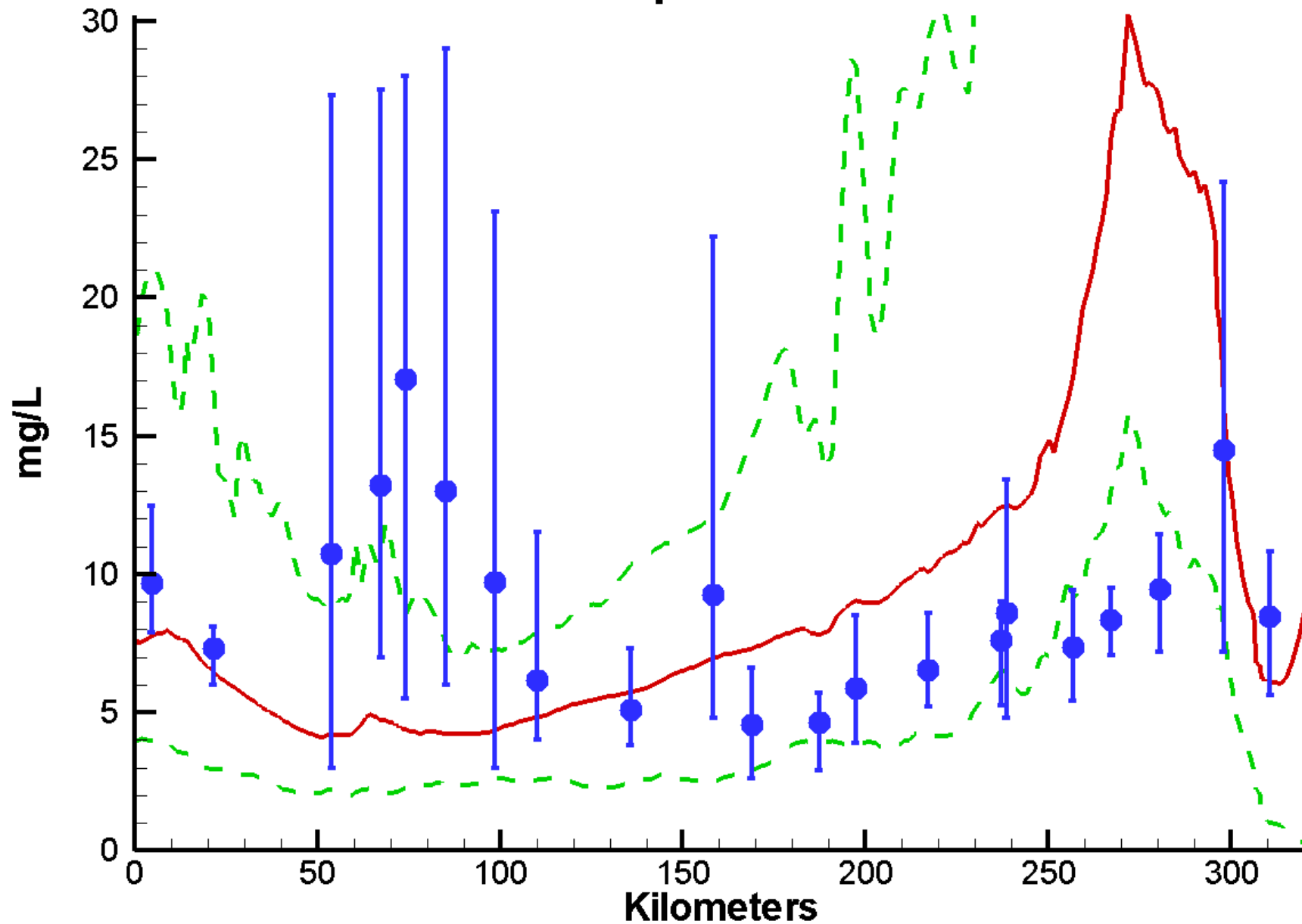
# Mainstem Bay Ches2015 Run118

## Bottom Total Suspended Solids Fall 1994



# Mainstem Bay Ches2015 Run118

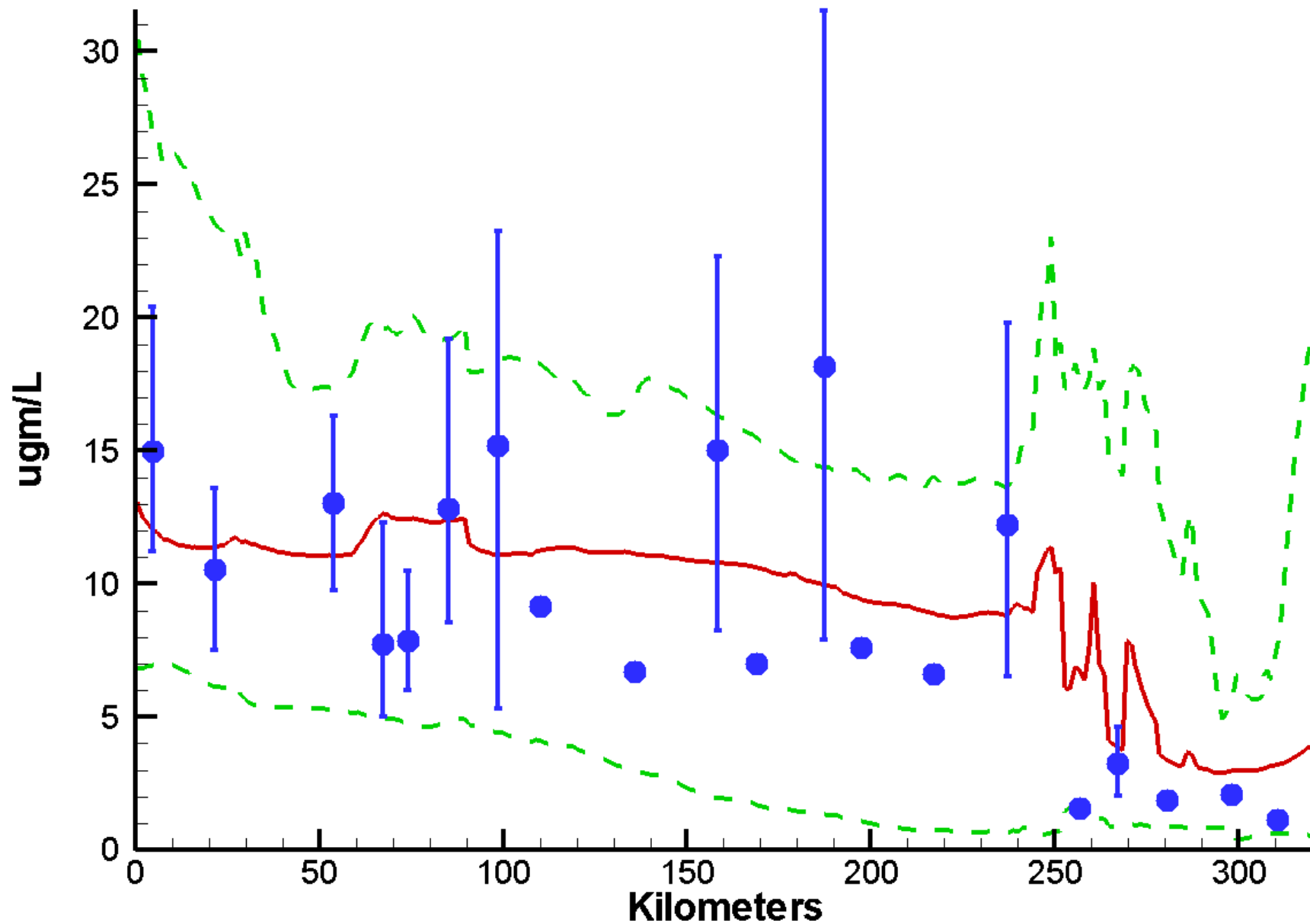
## Surface Total Suspended Solids Fall 1994





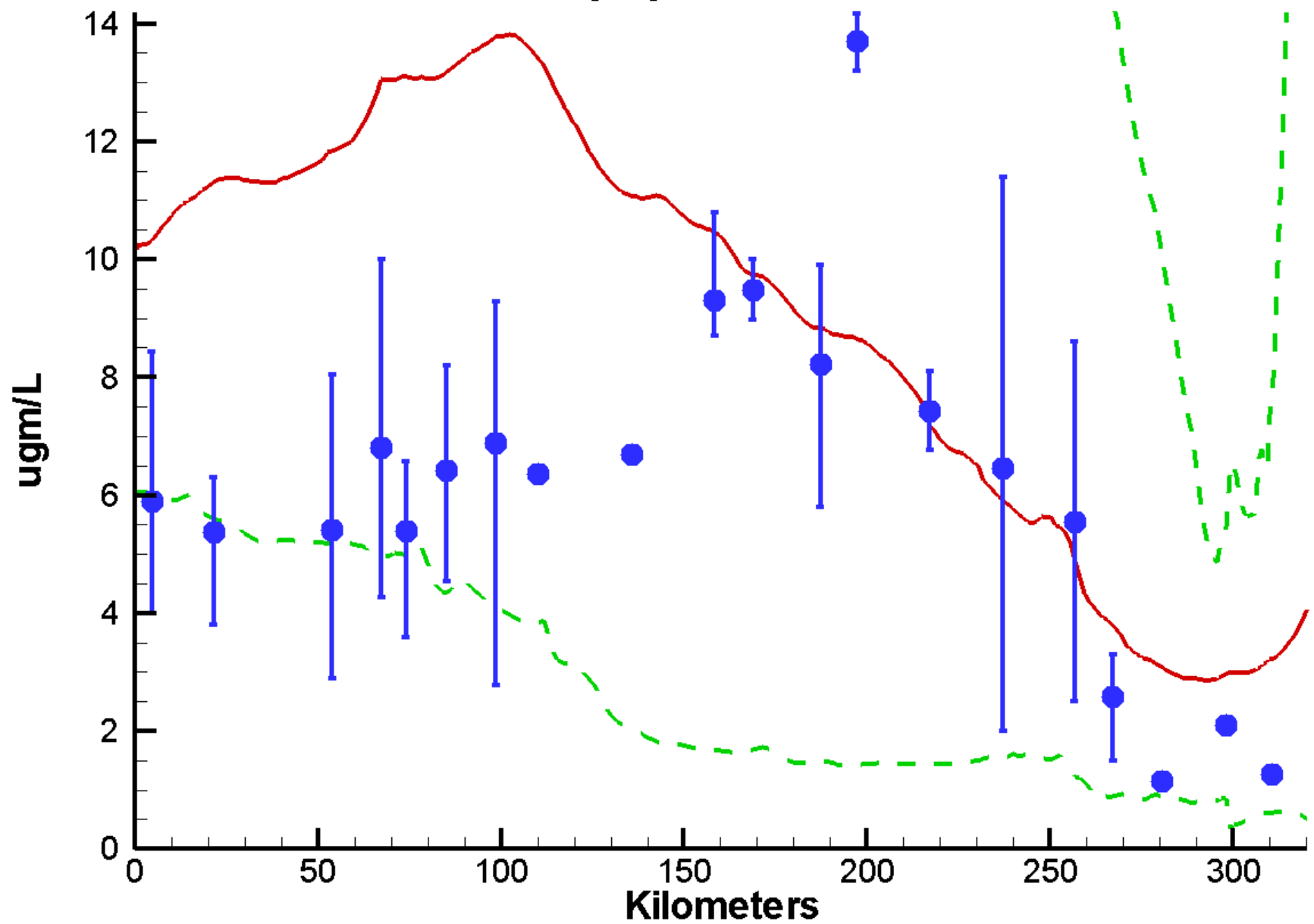
# Mainstem Bay Ches2015 Run118

## Bottom Chlorophyll Winter 1996



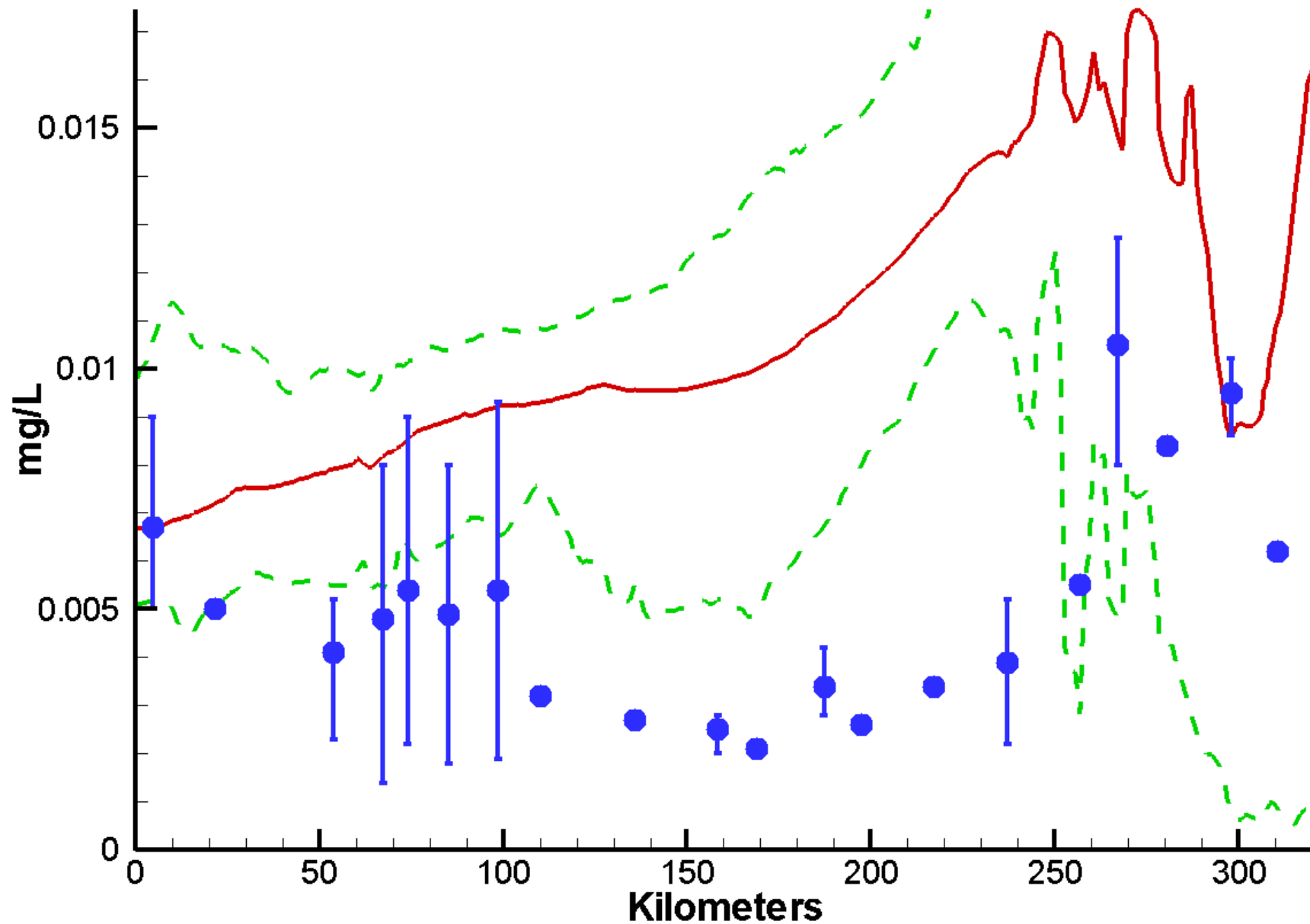
# Mainstem Bay Ches2015 Run118

## Surface Chlorophyll Winter 1996



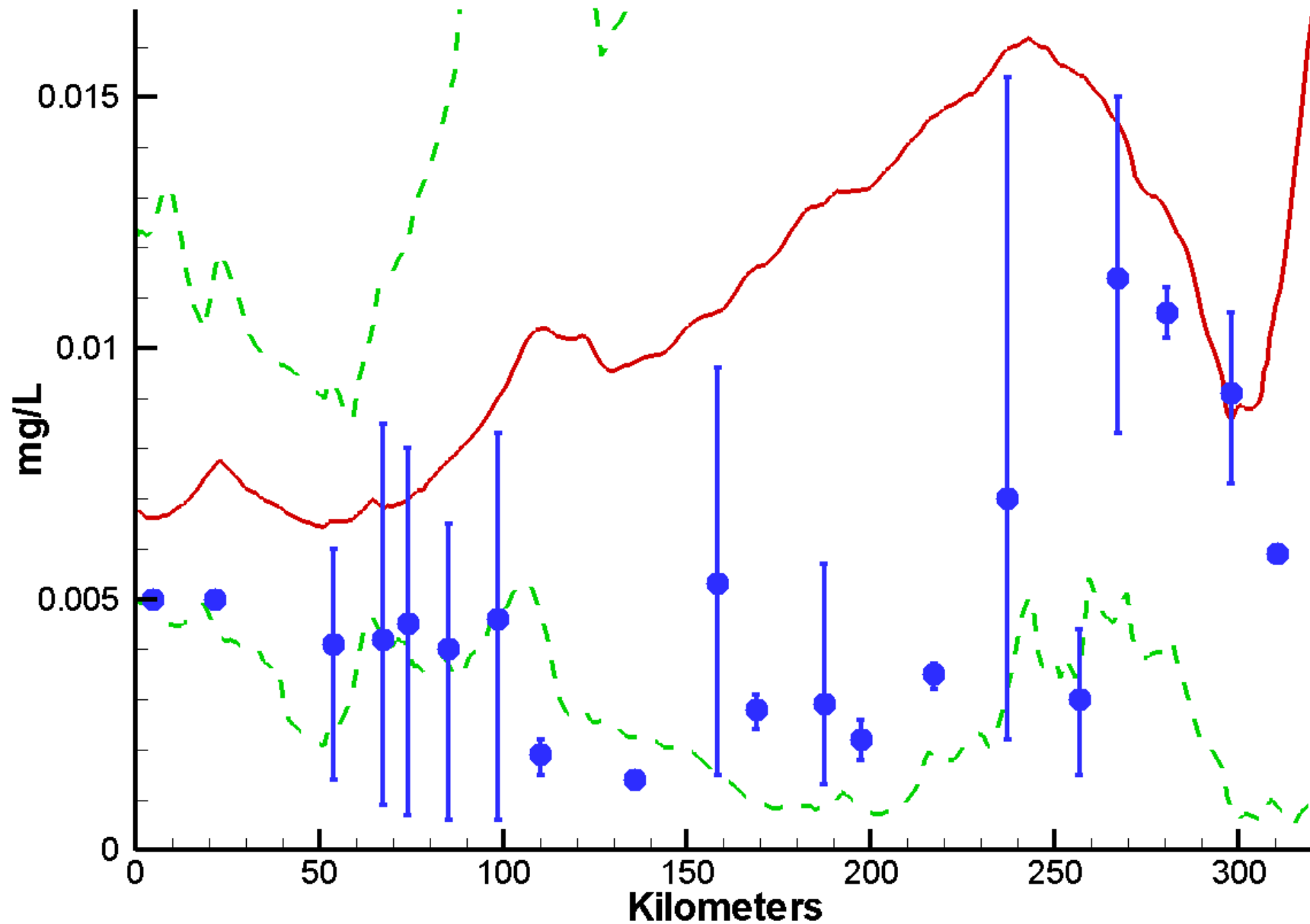
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1996



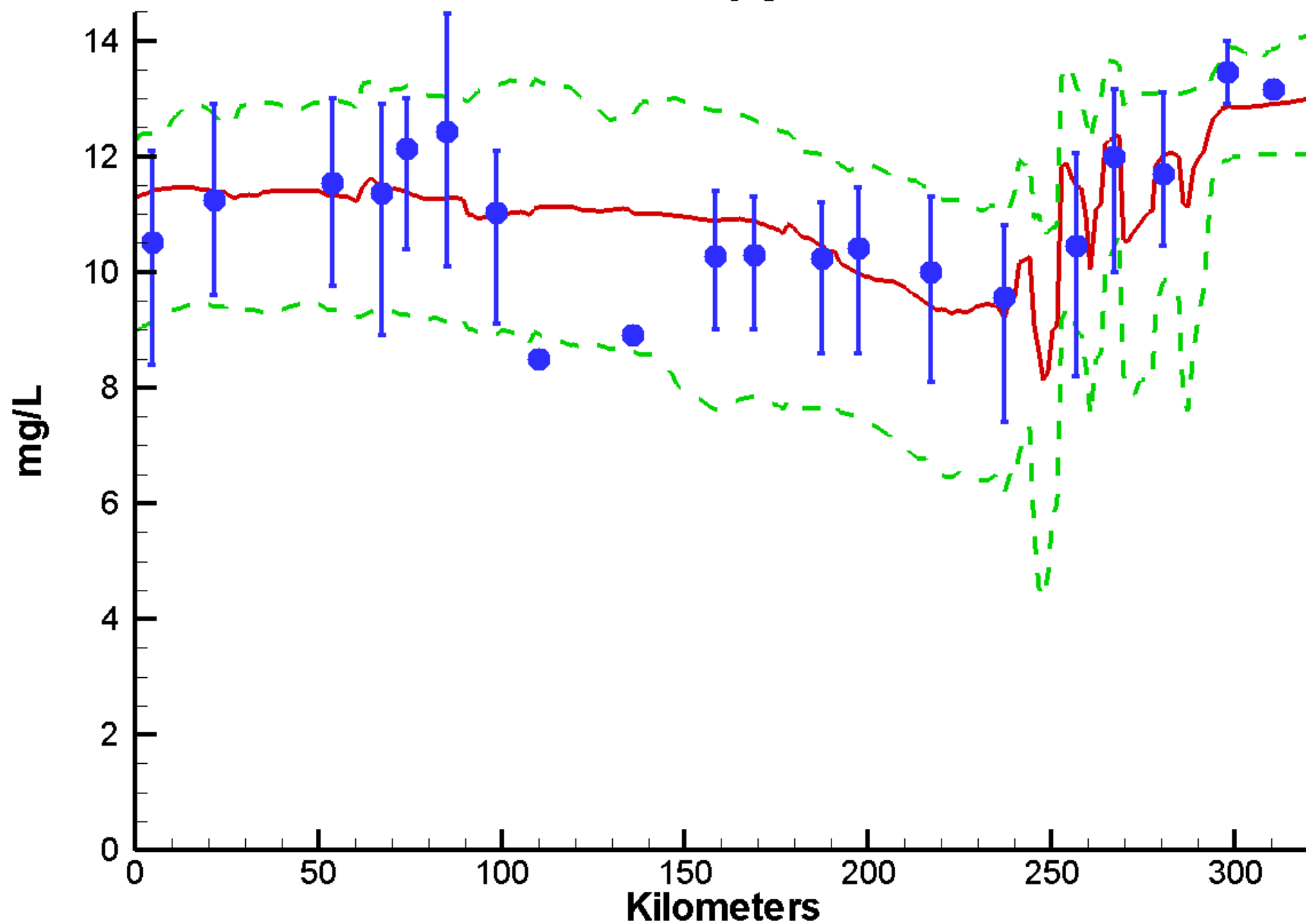
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Phosphate Winter 1996



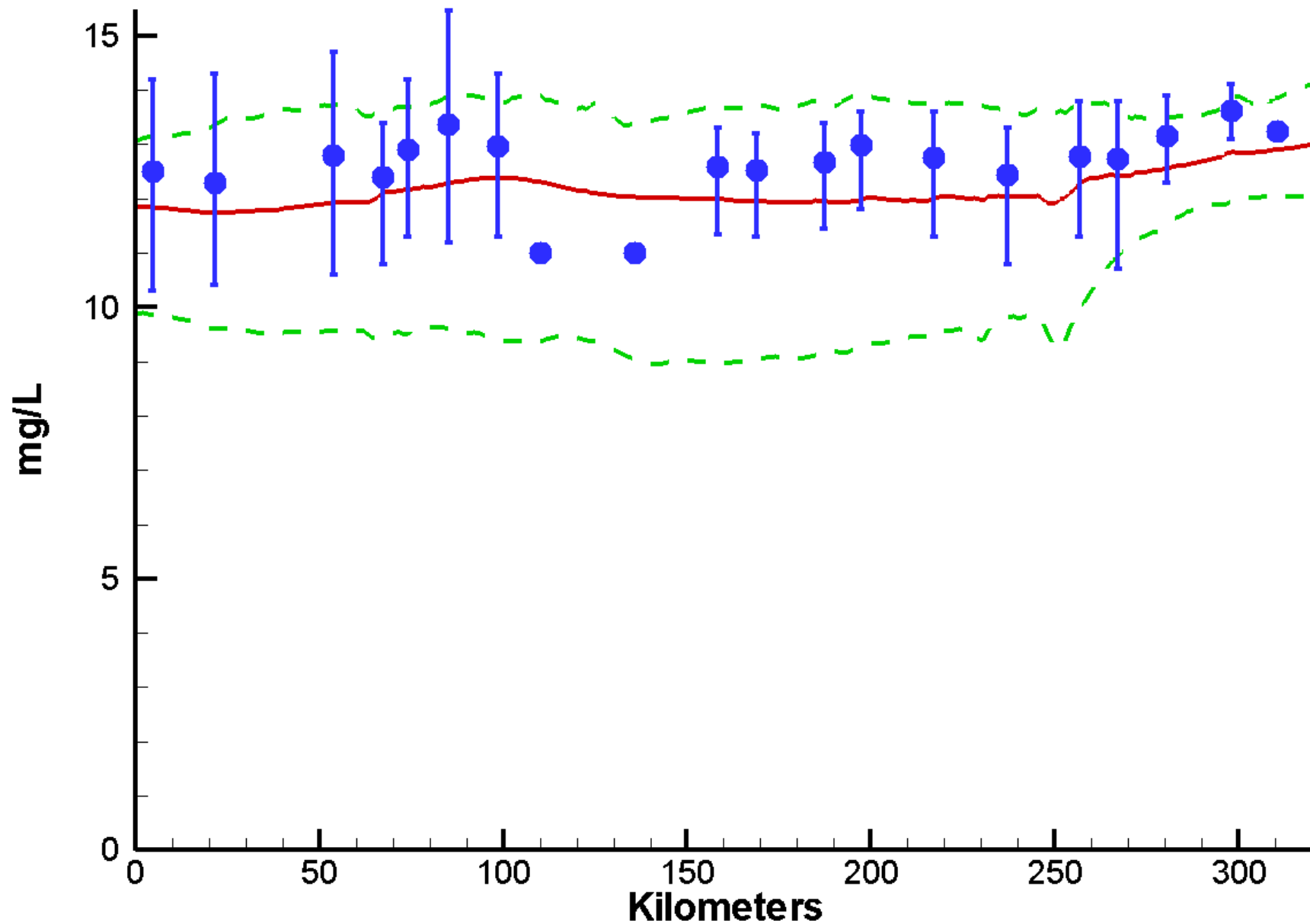
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1996



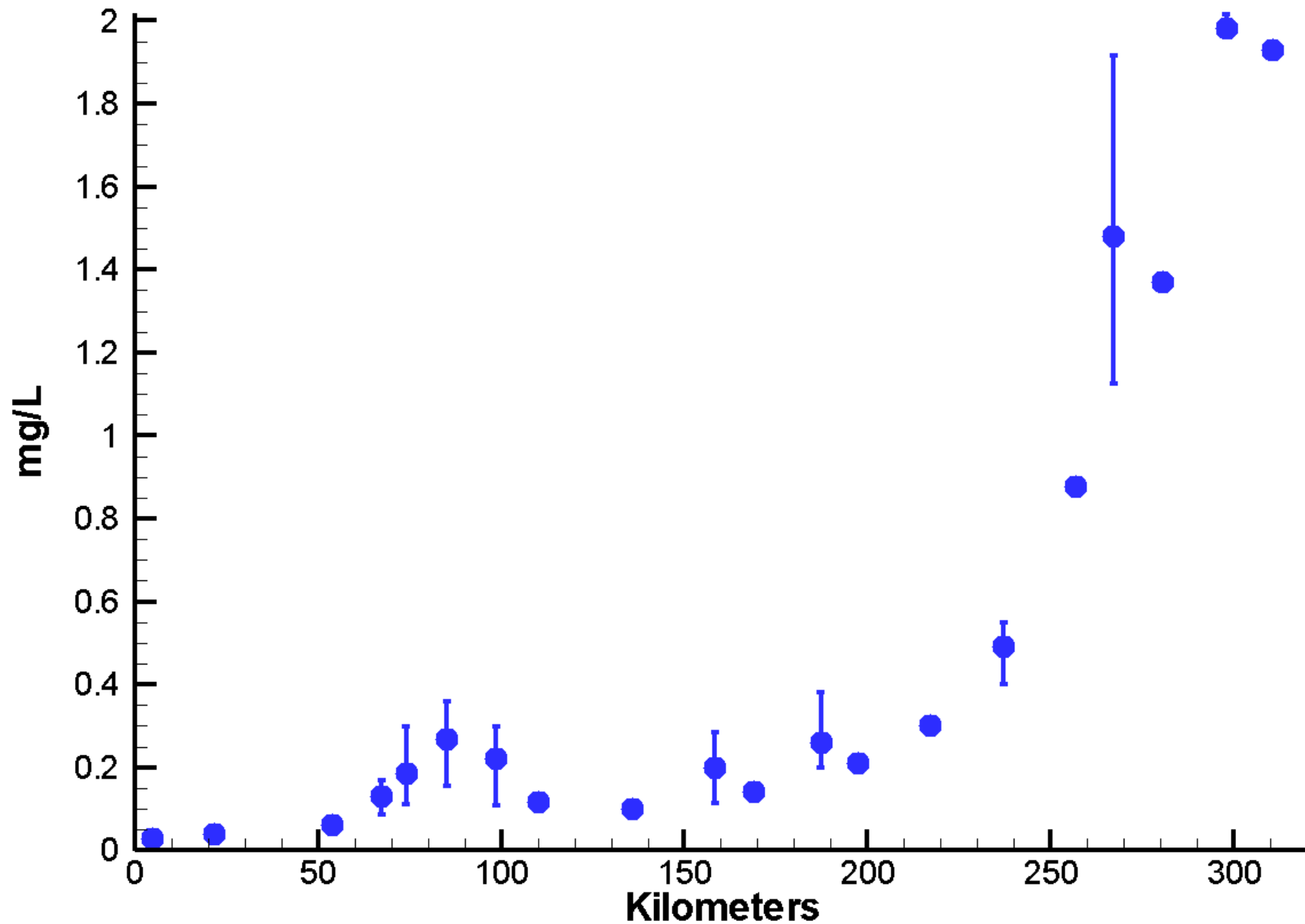
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Oxygen Winter 1996



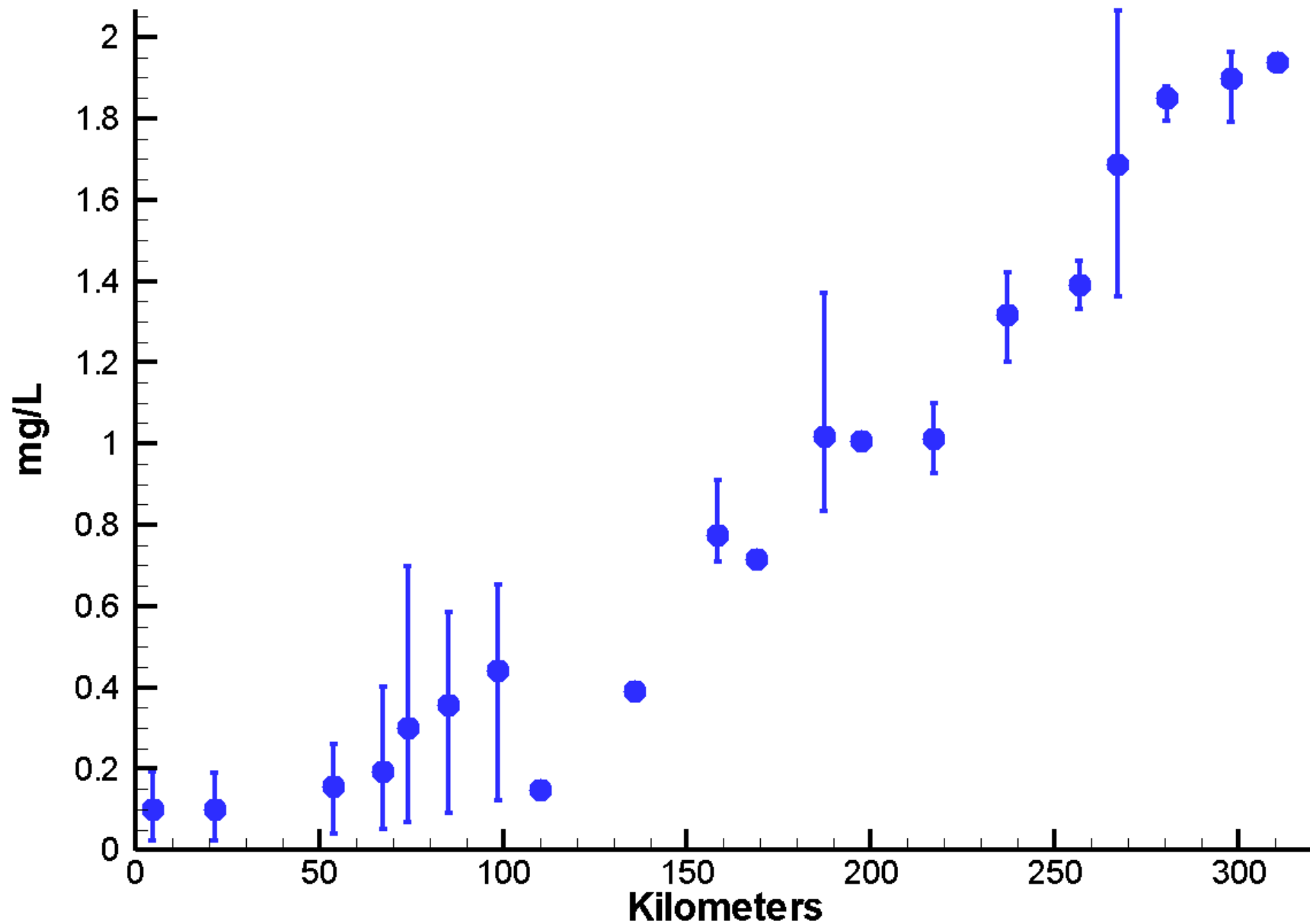
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Silica Winter 1996



# Mainstem Bay Ches2015 Run118

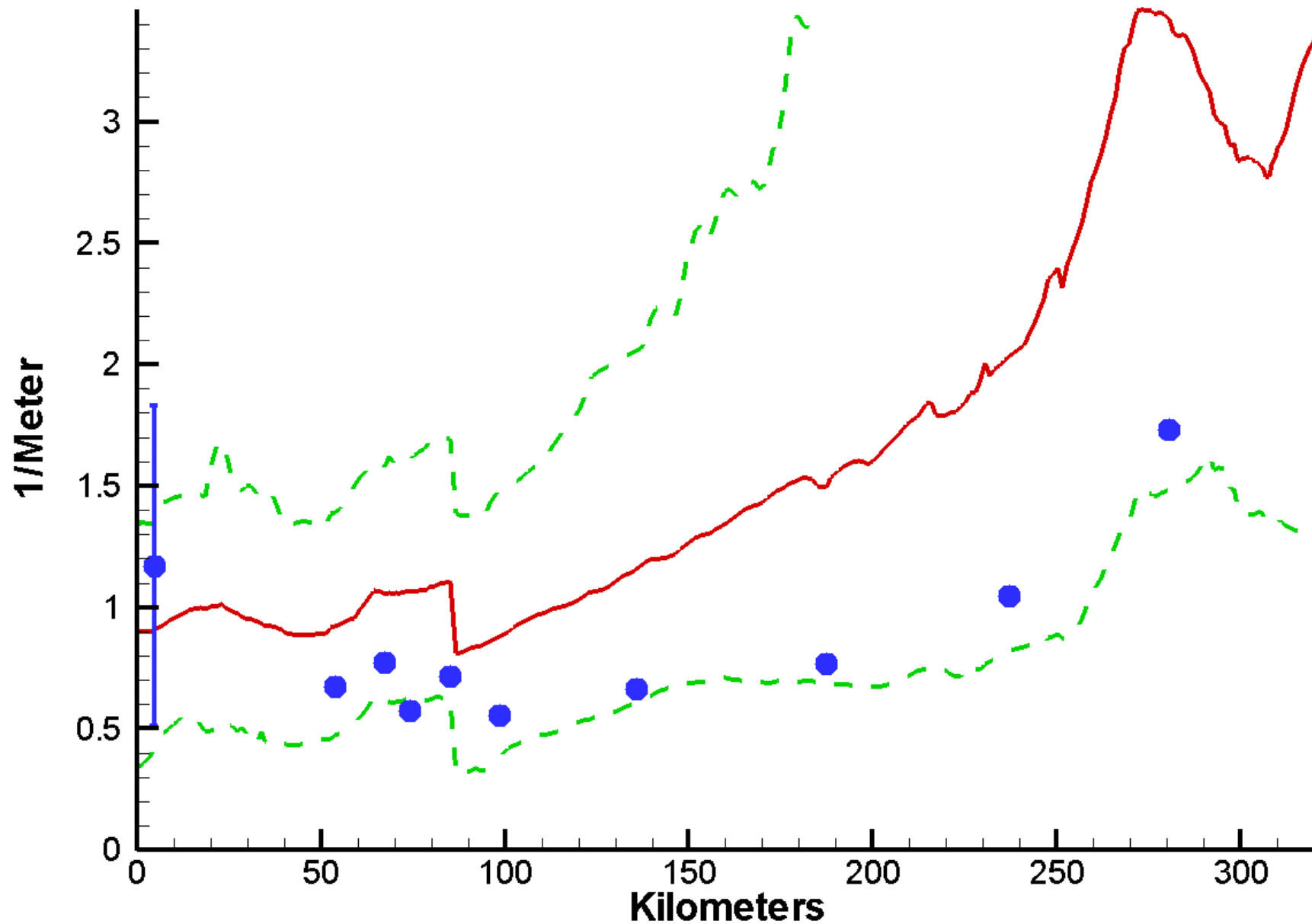
## Surface Dissolved Silica Winter 1996





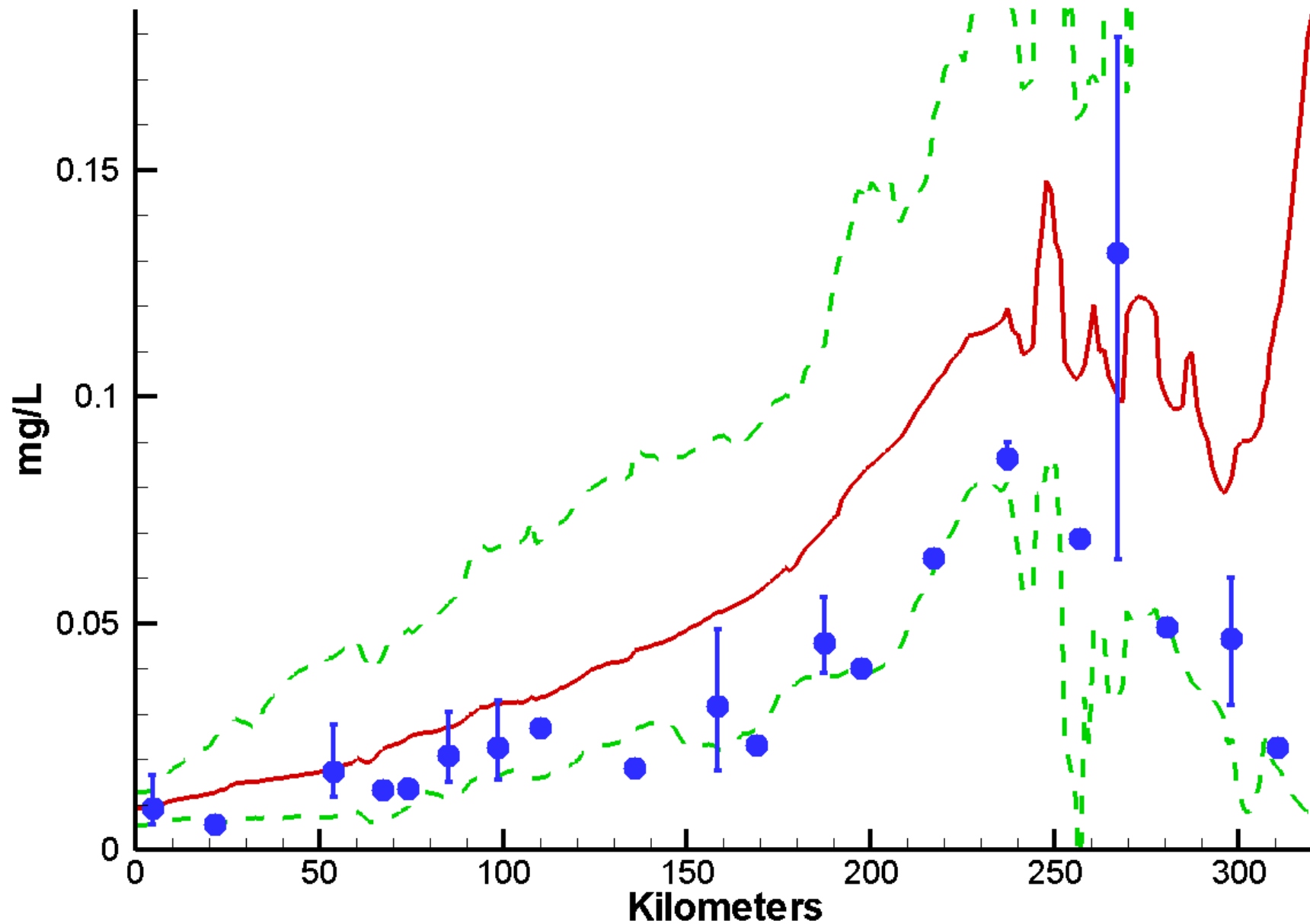
# Mainstem Bay Ches2015 Run118

## Surface Light Extinction Winter 1996



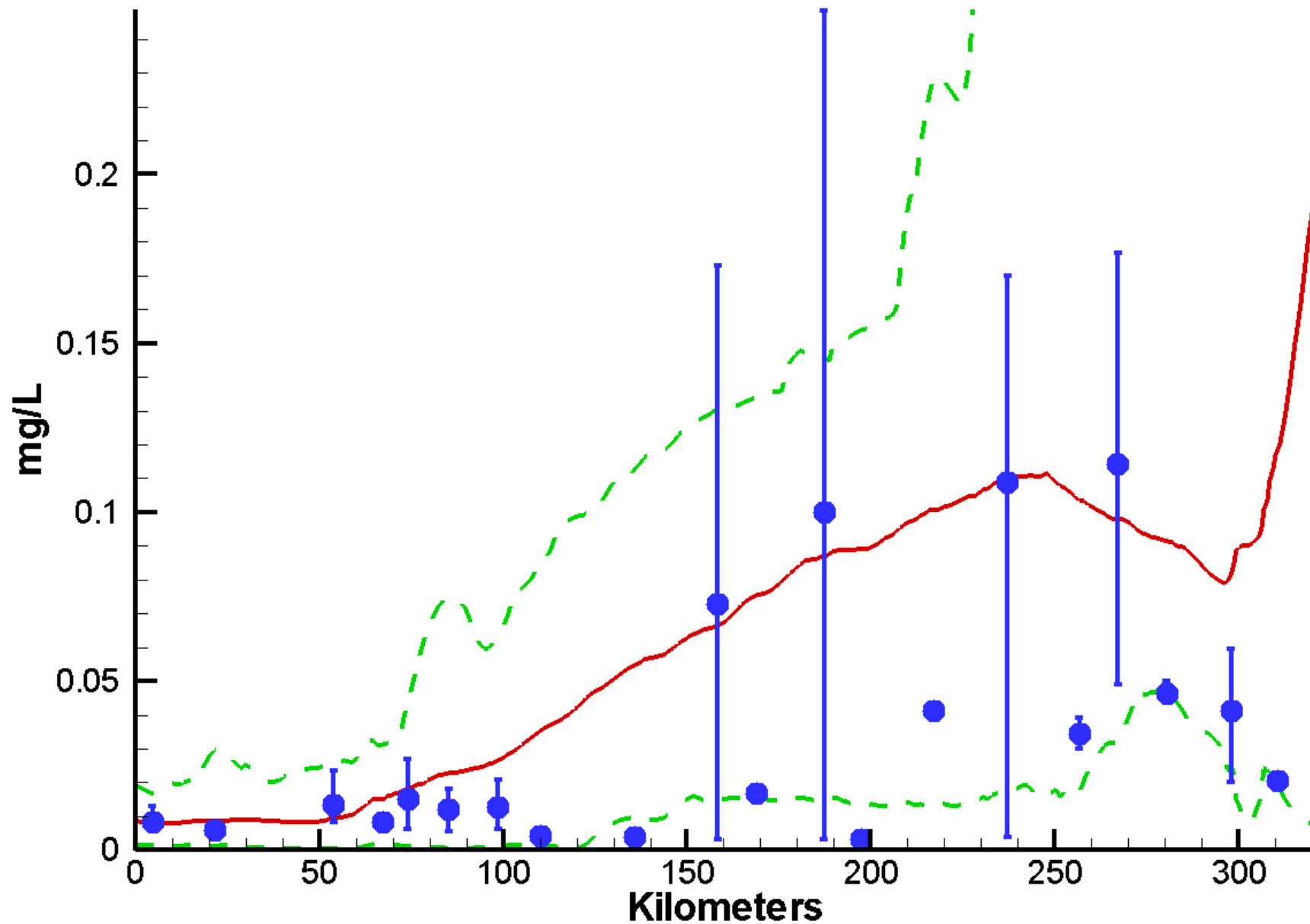
# Mainstem Bay Ches2015 Run118

## Bottom Ammonium Winter 1996



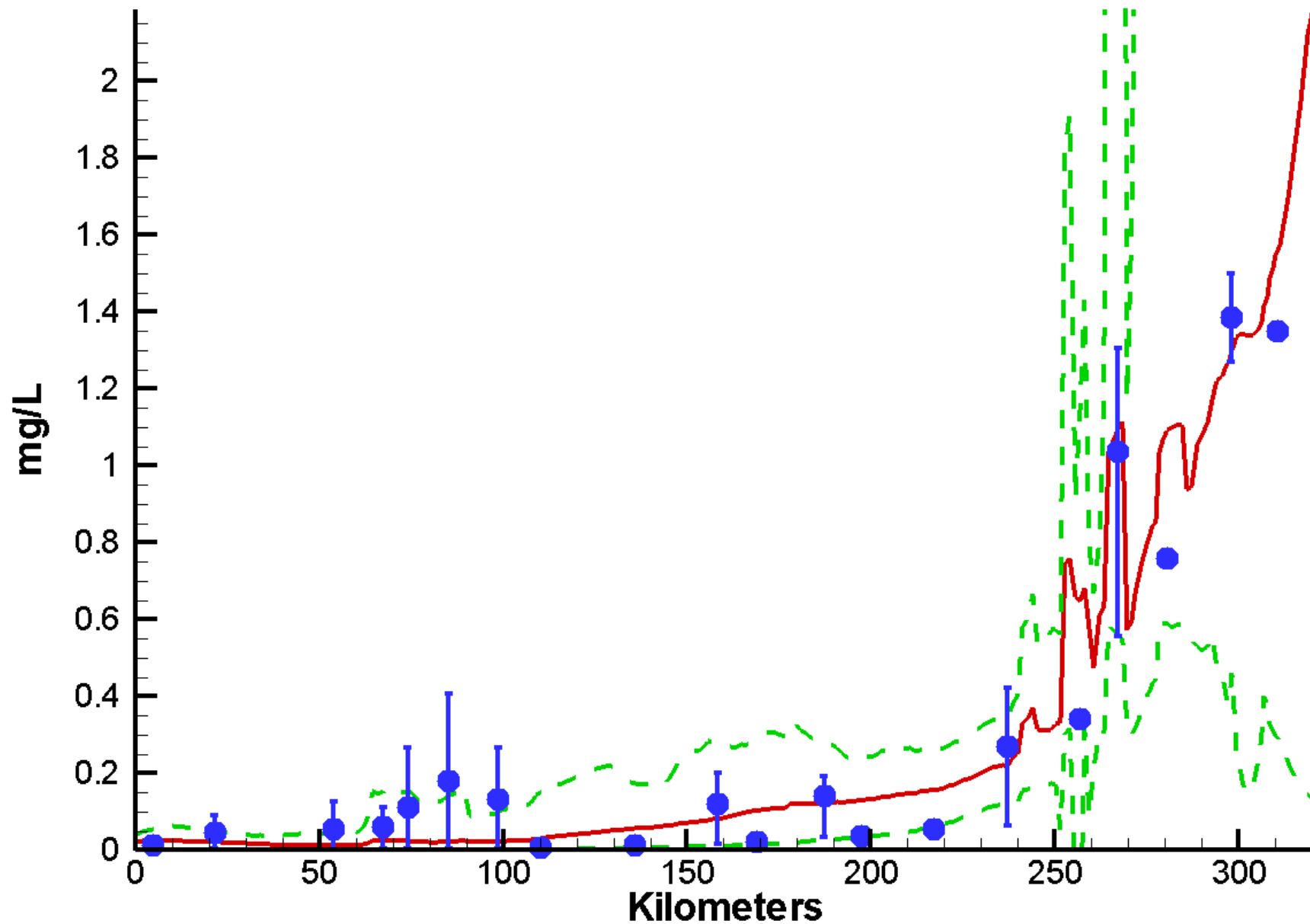
# Mainstem Bay Ches2015 Run118

## Surface Ammonium Winter 1996



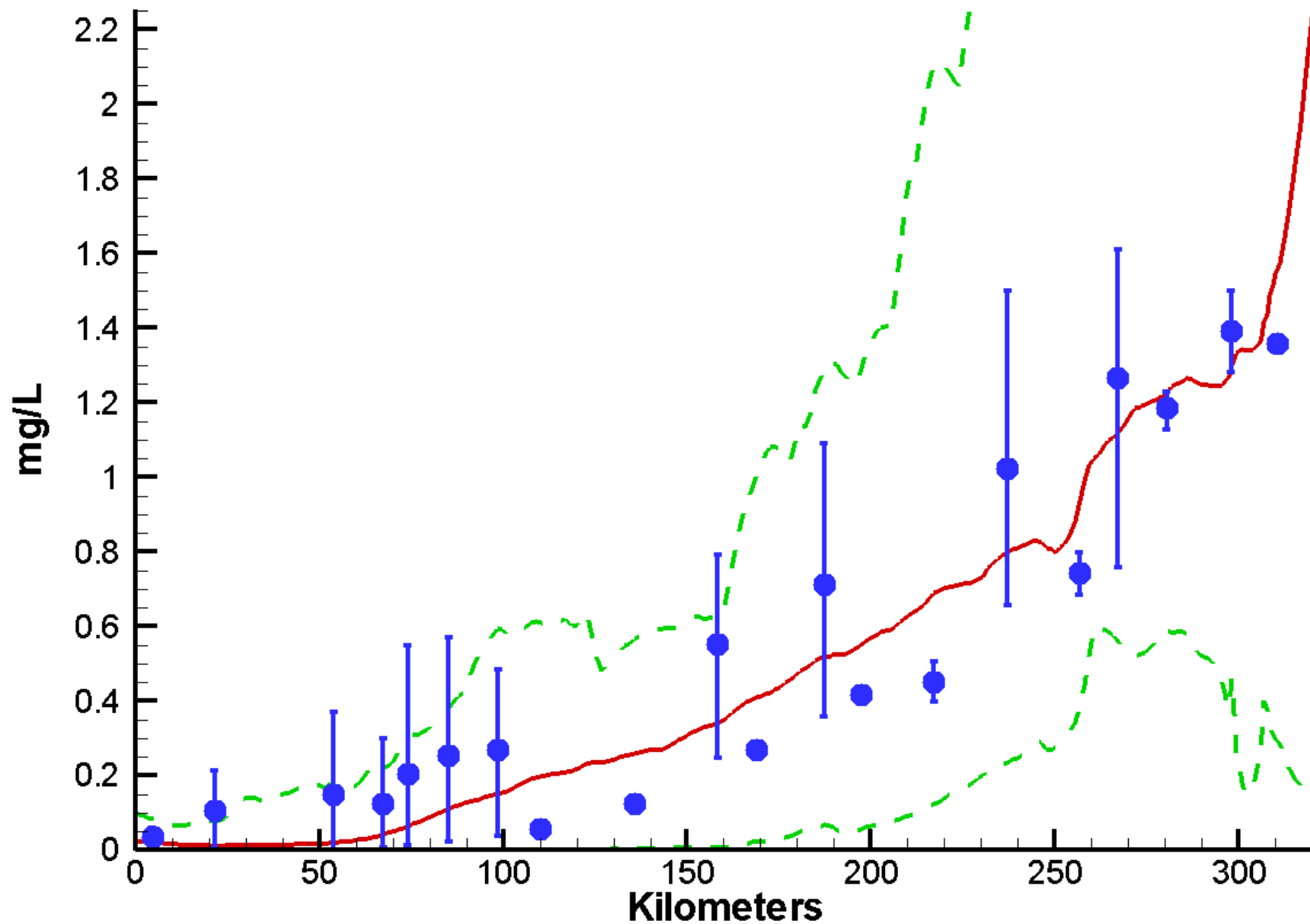
# Mainstem Bay Ches2015 Run118

## Bottom Nitrate Winter 1996



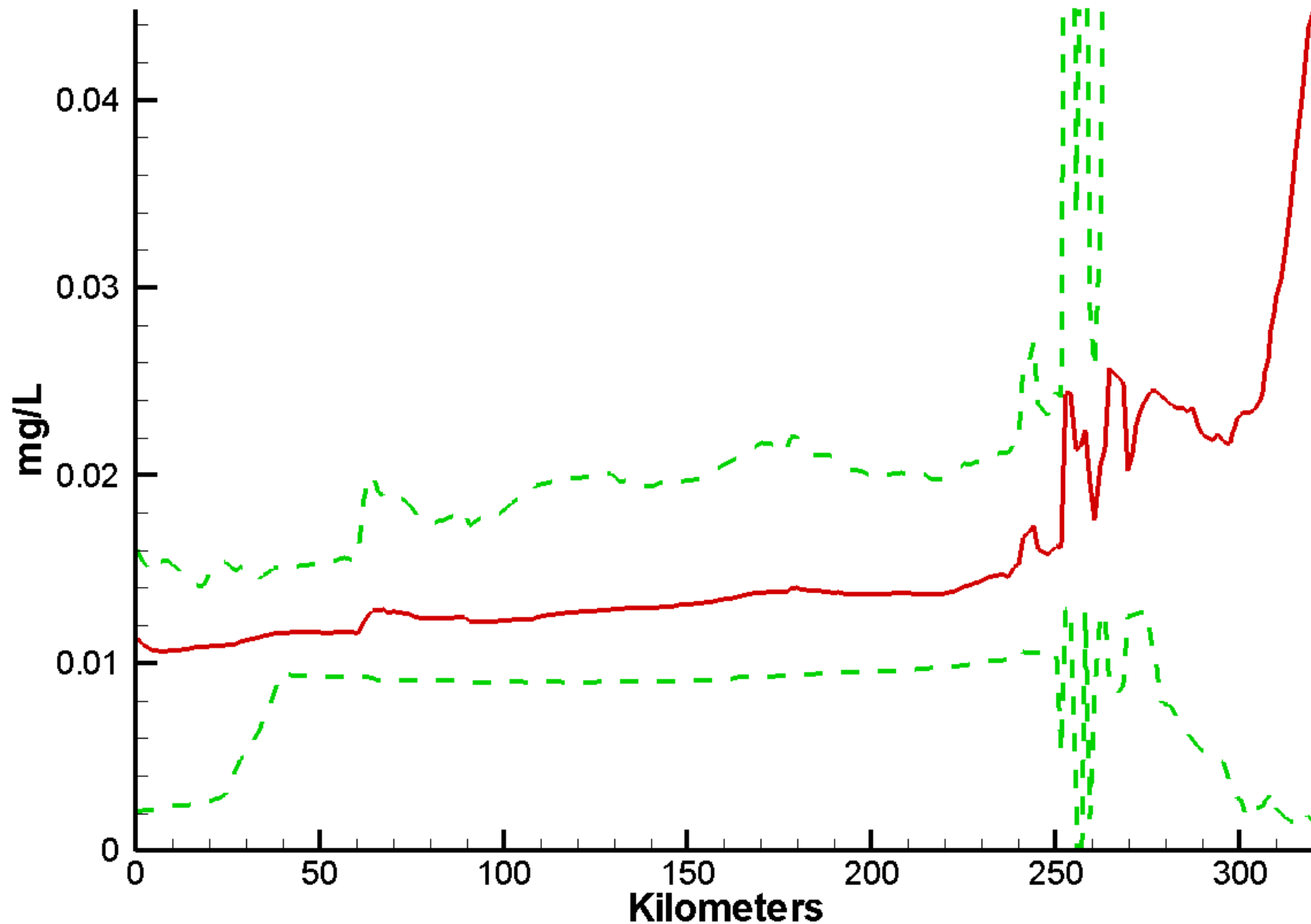
# Mainstem Bay Ches2015 Run118

## Surface Nitrate Winter 1996



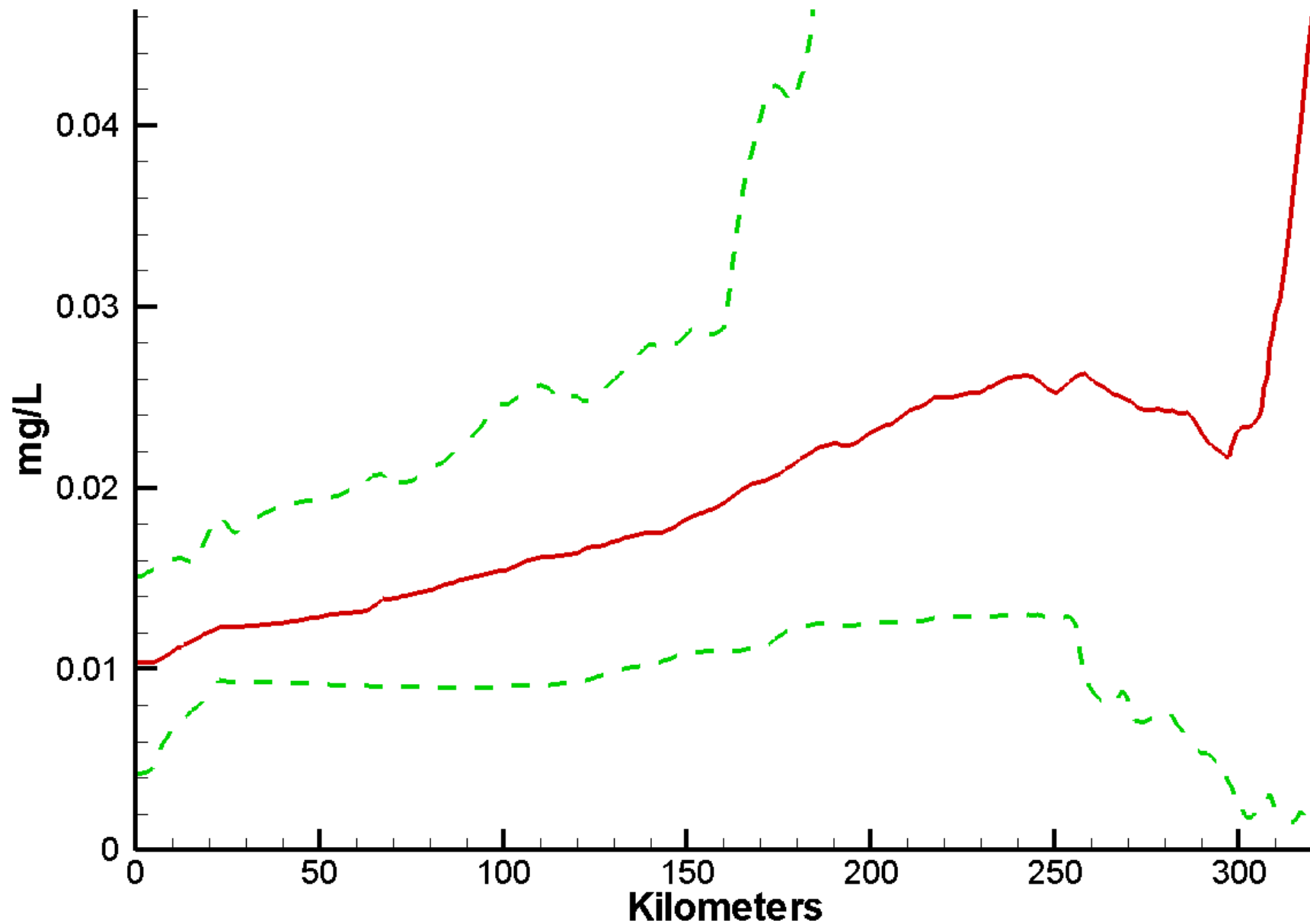
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1996



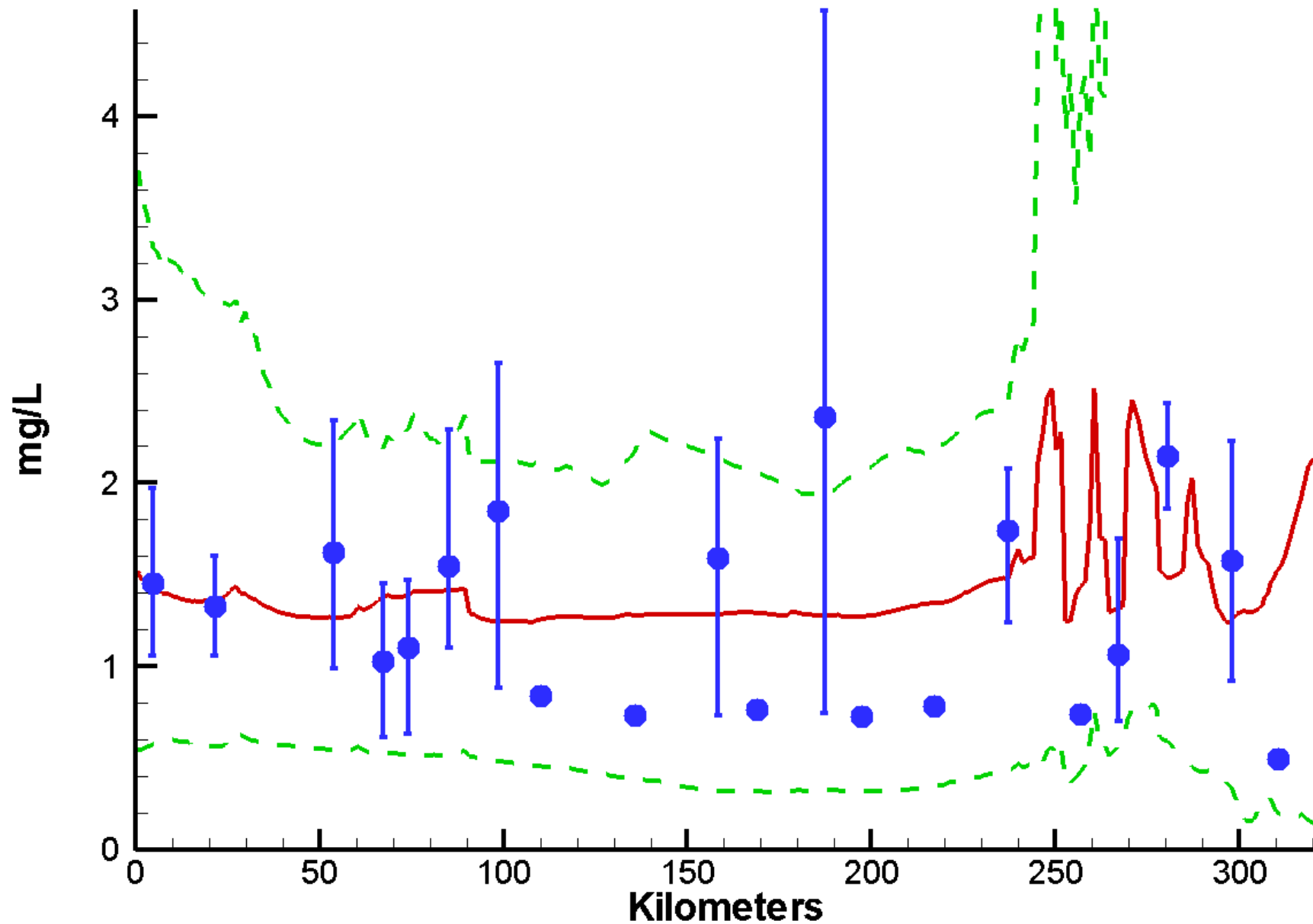
# Mainstem Bay Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1996



# Mainstem Bay Ches2015 Run118

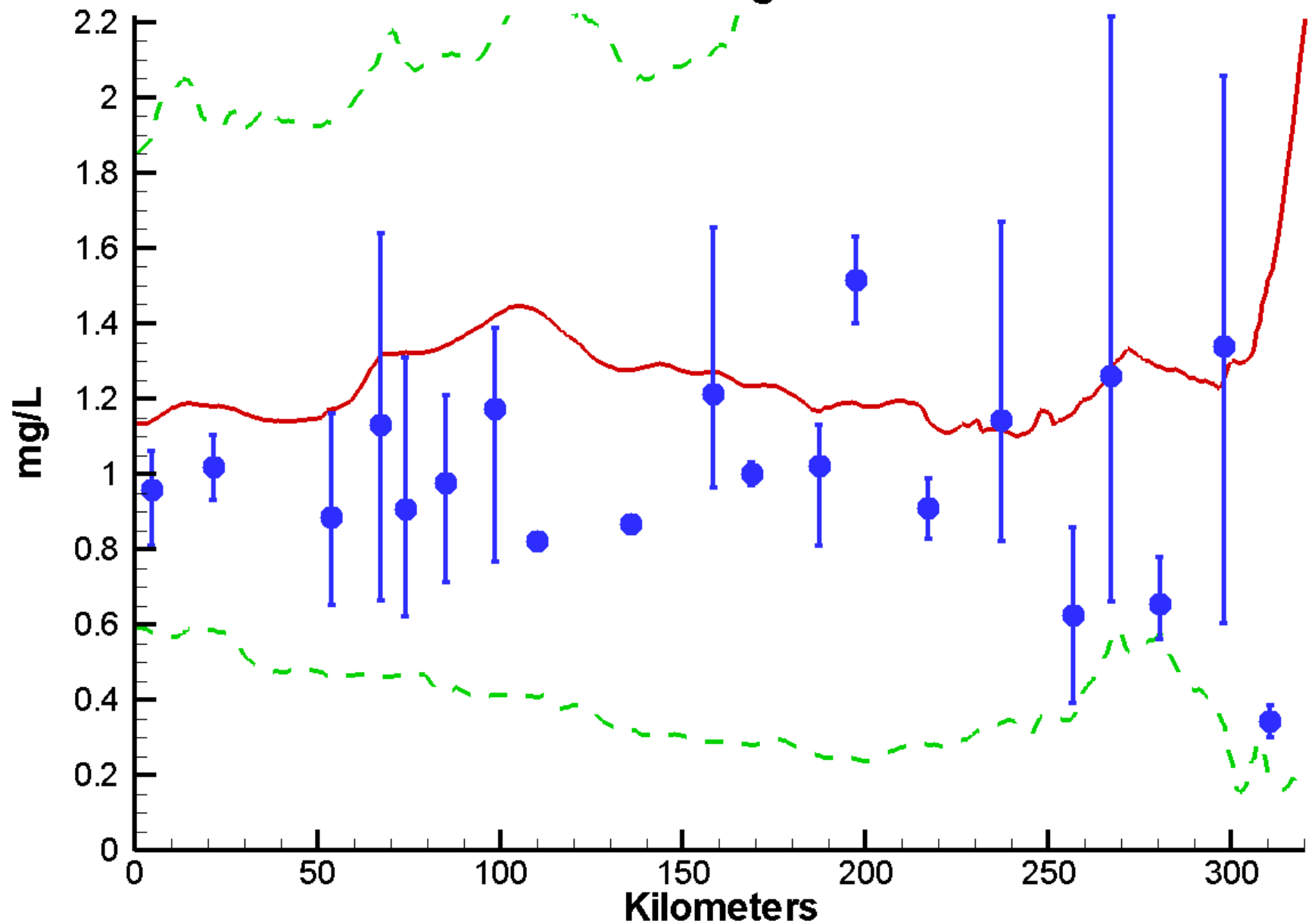
## Bottom Particulate Organic Carbon Winter 1996





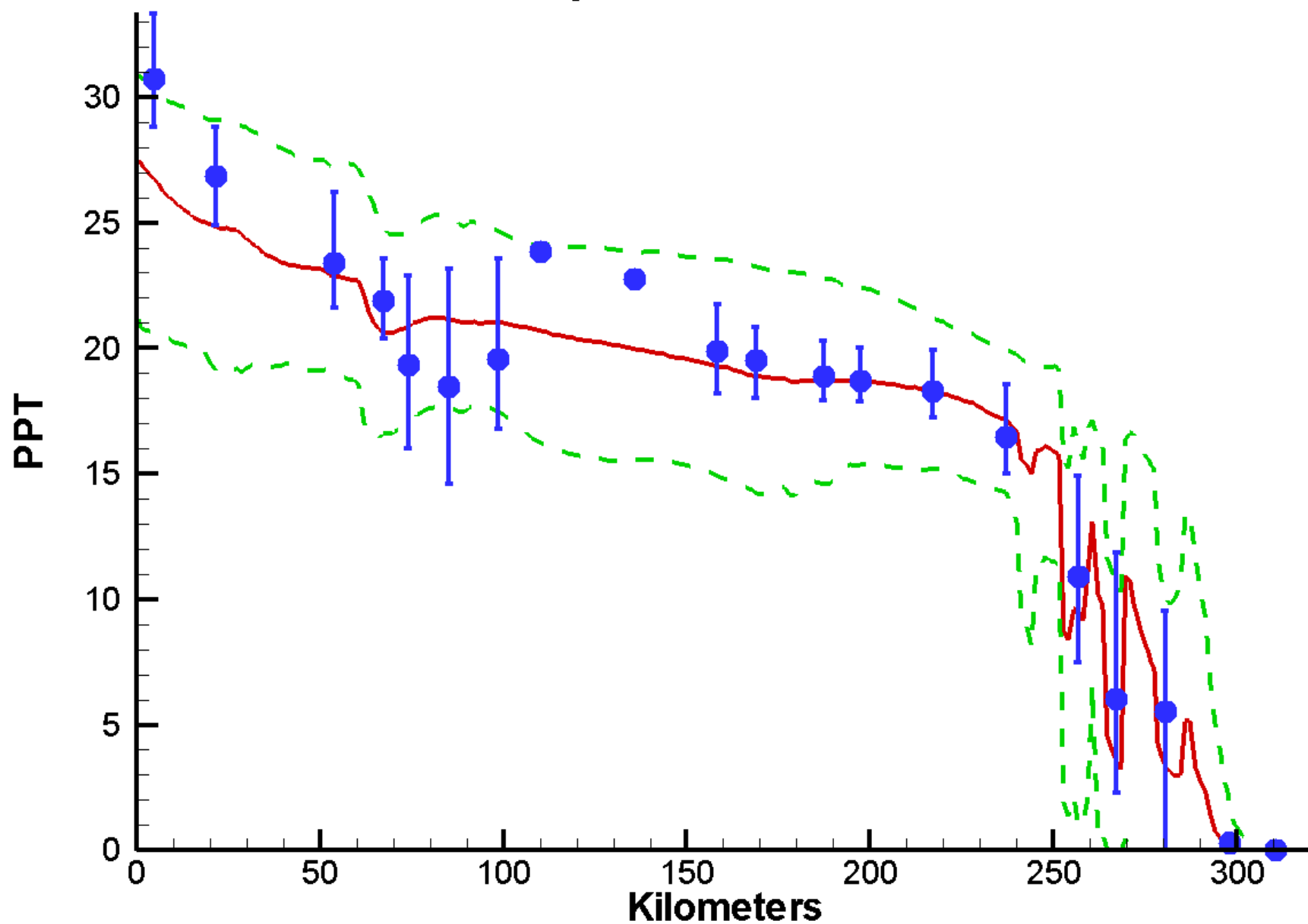
# Mainstem Bay Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1996



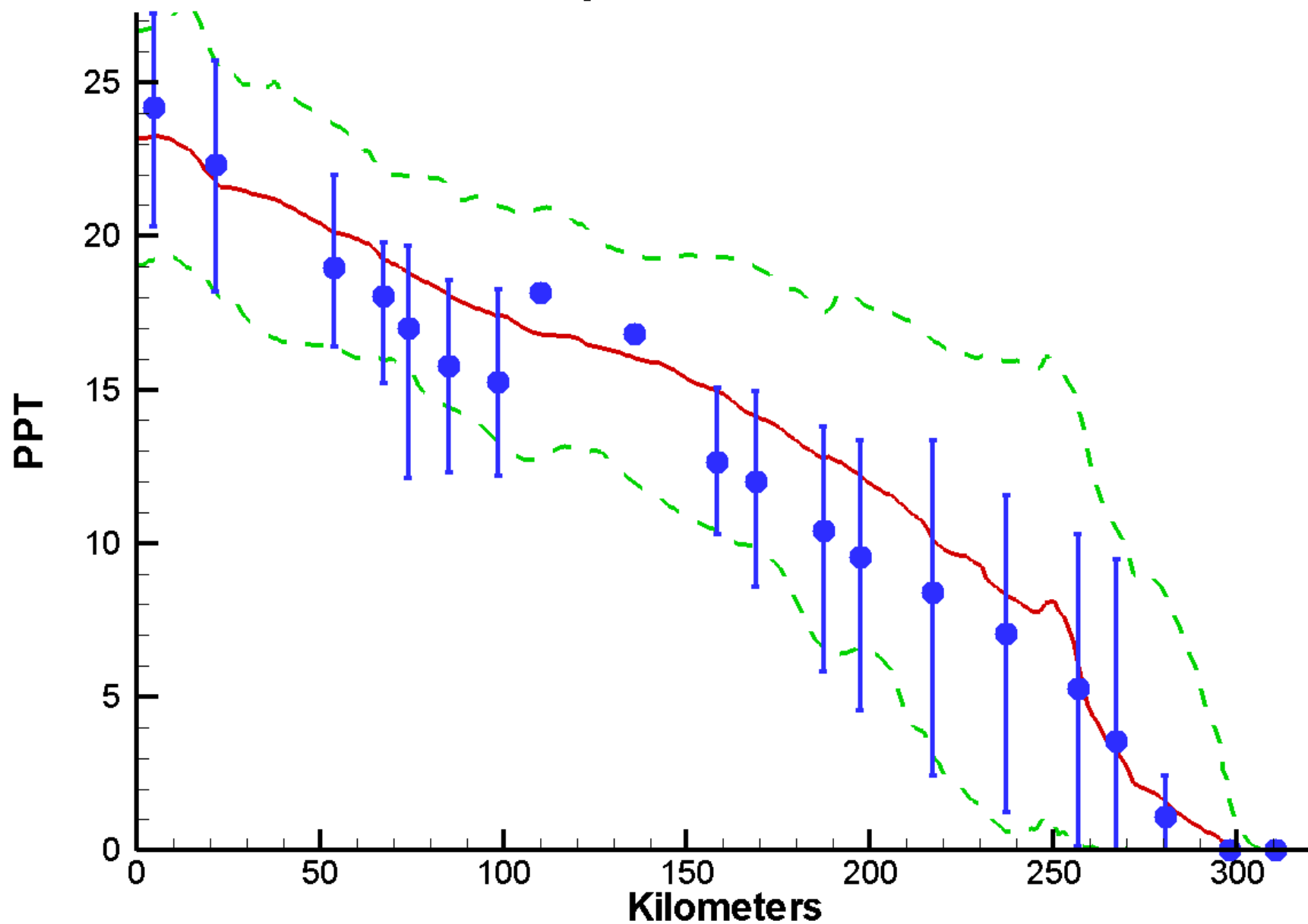
# Mainstem Bay Ches2015 Run118

## Bottom Salinity Winter 1996



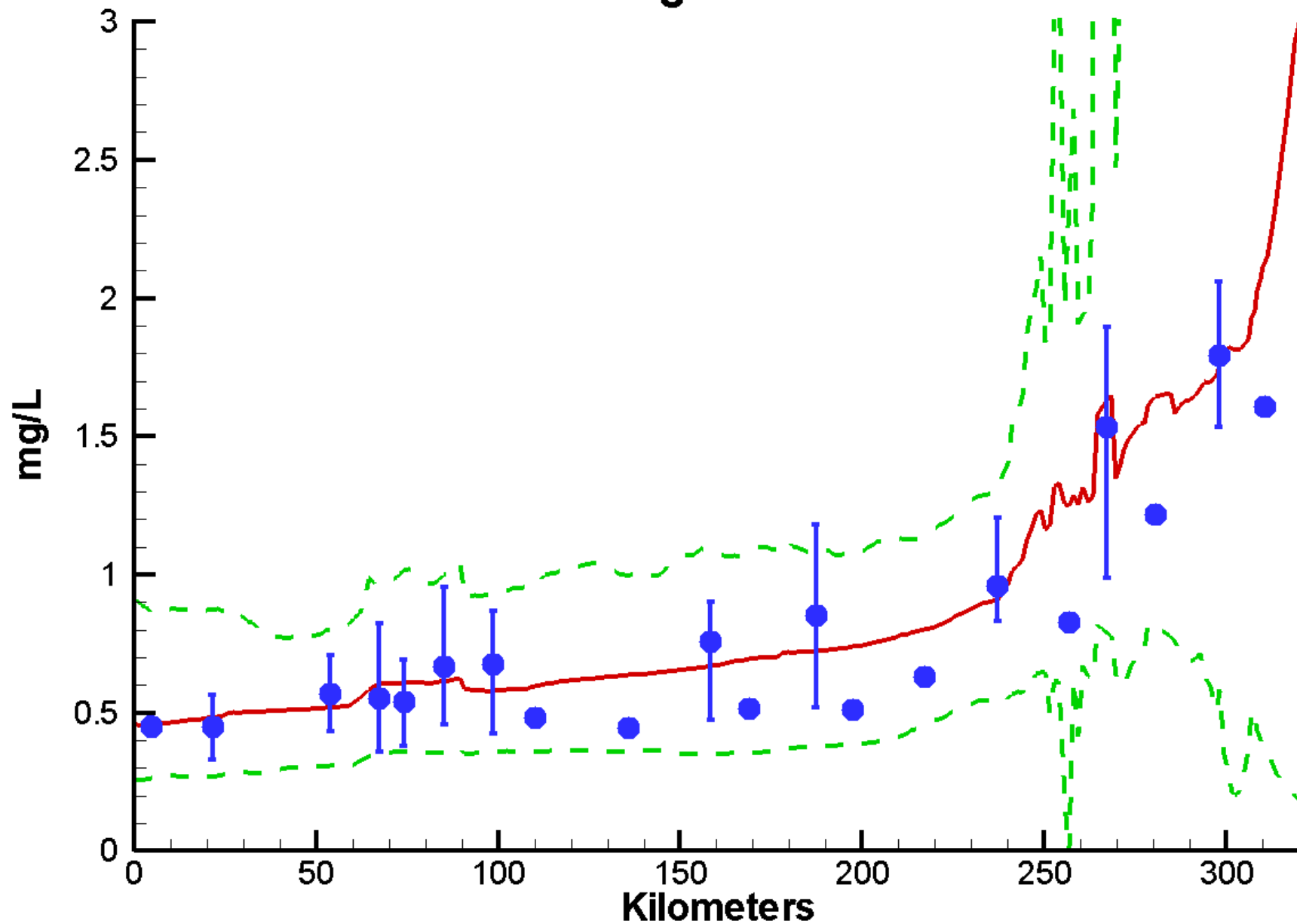
# Mainstem Bay Ches2015 Run118

## Surface Salinity Winter 1996



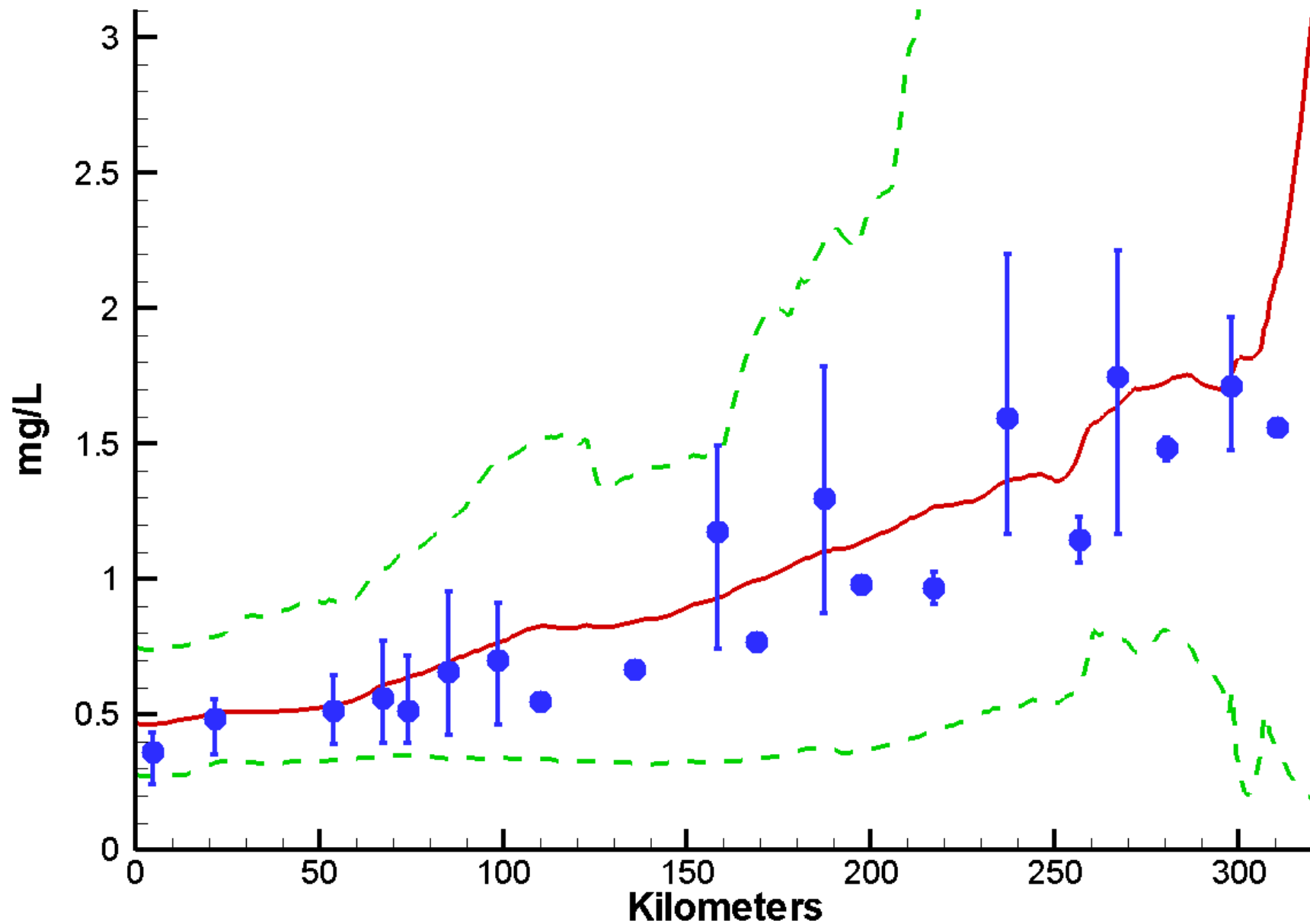
# Mainstem Bay Ches2015 Run118

## Bottom Total Nitrogen Winter 1996



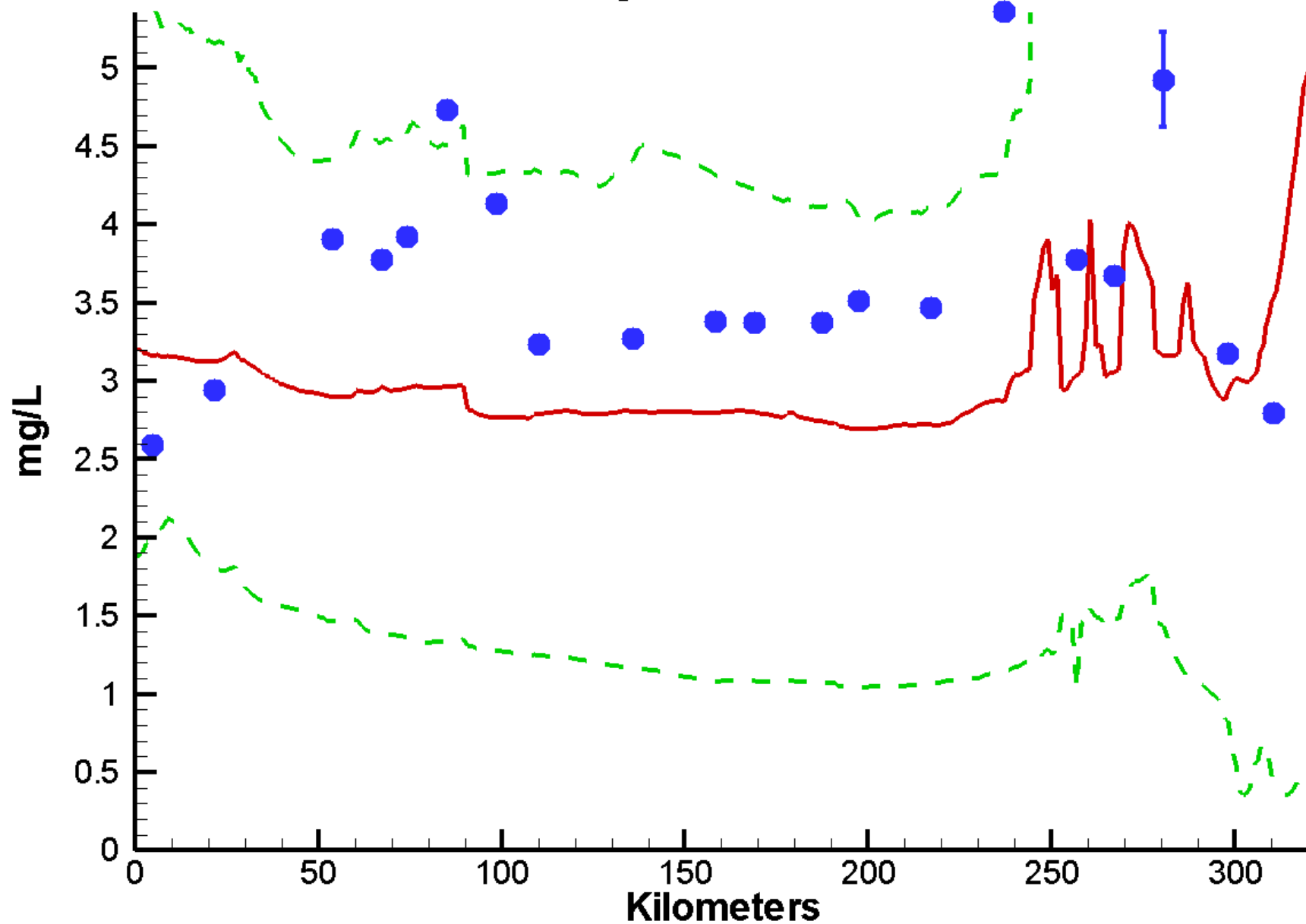
# Mainstem Bay Ches2015 Run118

## Surface Total Nitrogen Winter 1996



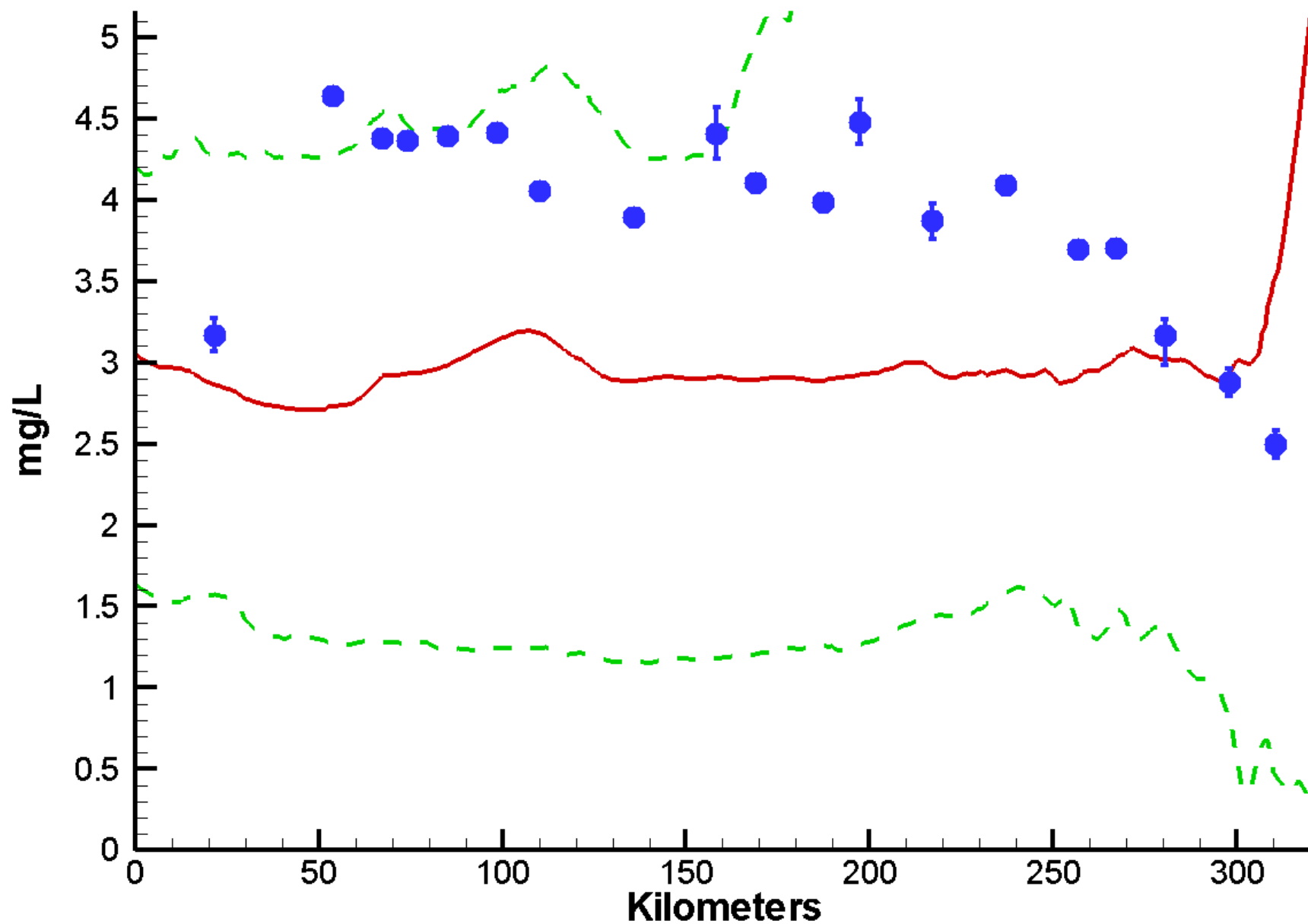
# Mainstem Bay Ches2015 Run118

## Bottom Total Organic Carbon Winter 1996



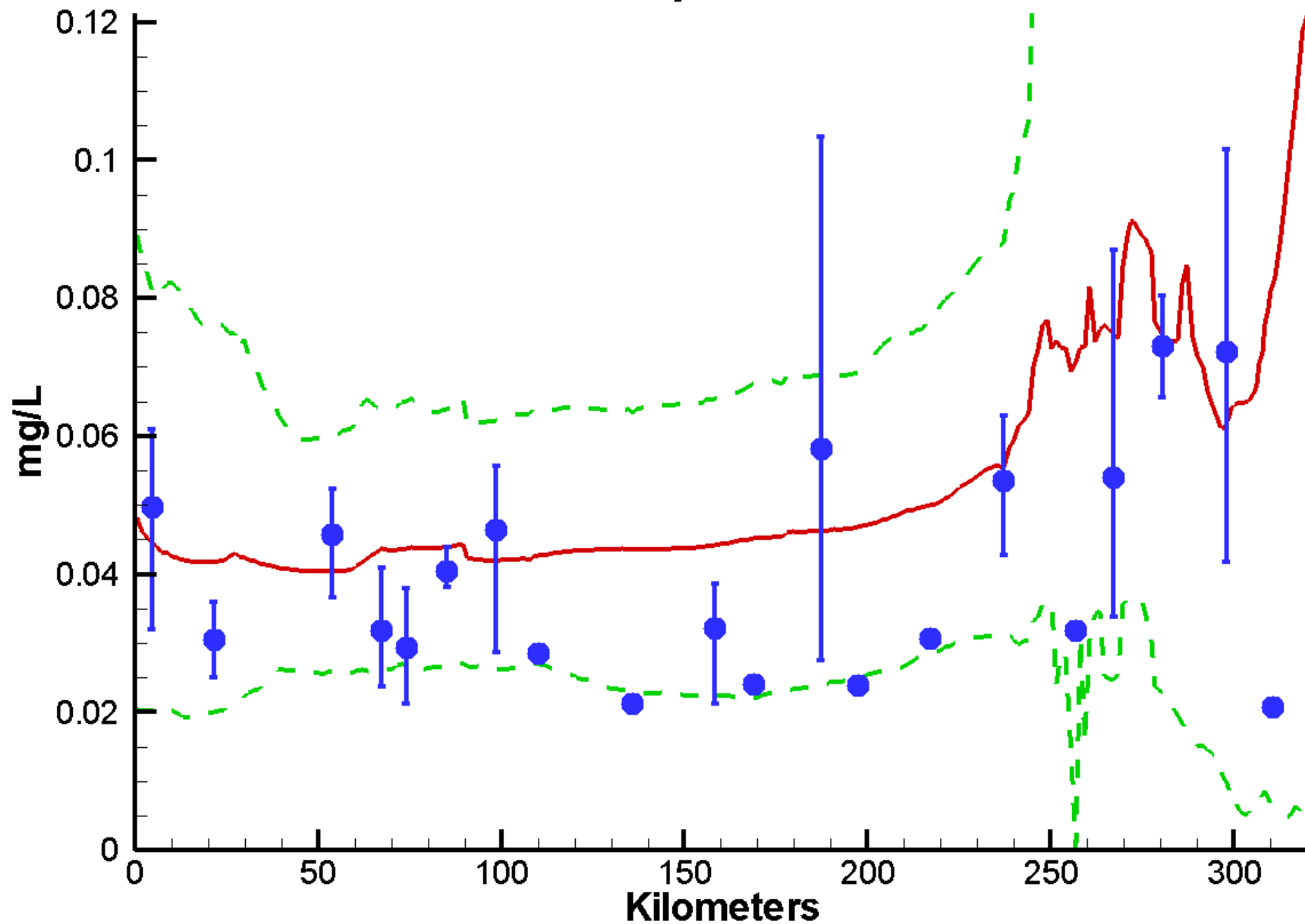
# Mainstem Bay Ches2015 Run118

## Surface Total Organic Carbon Winter 1996



# Mainstem Bay Ches2015 Run118

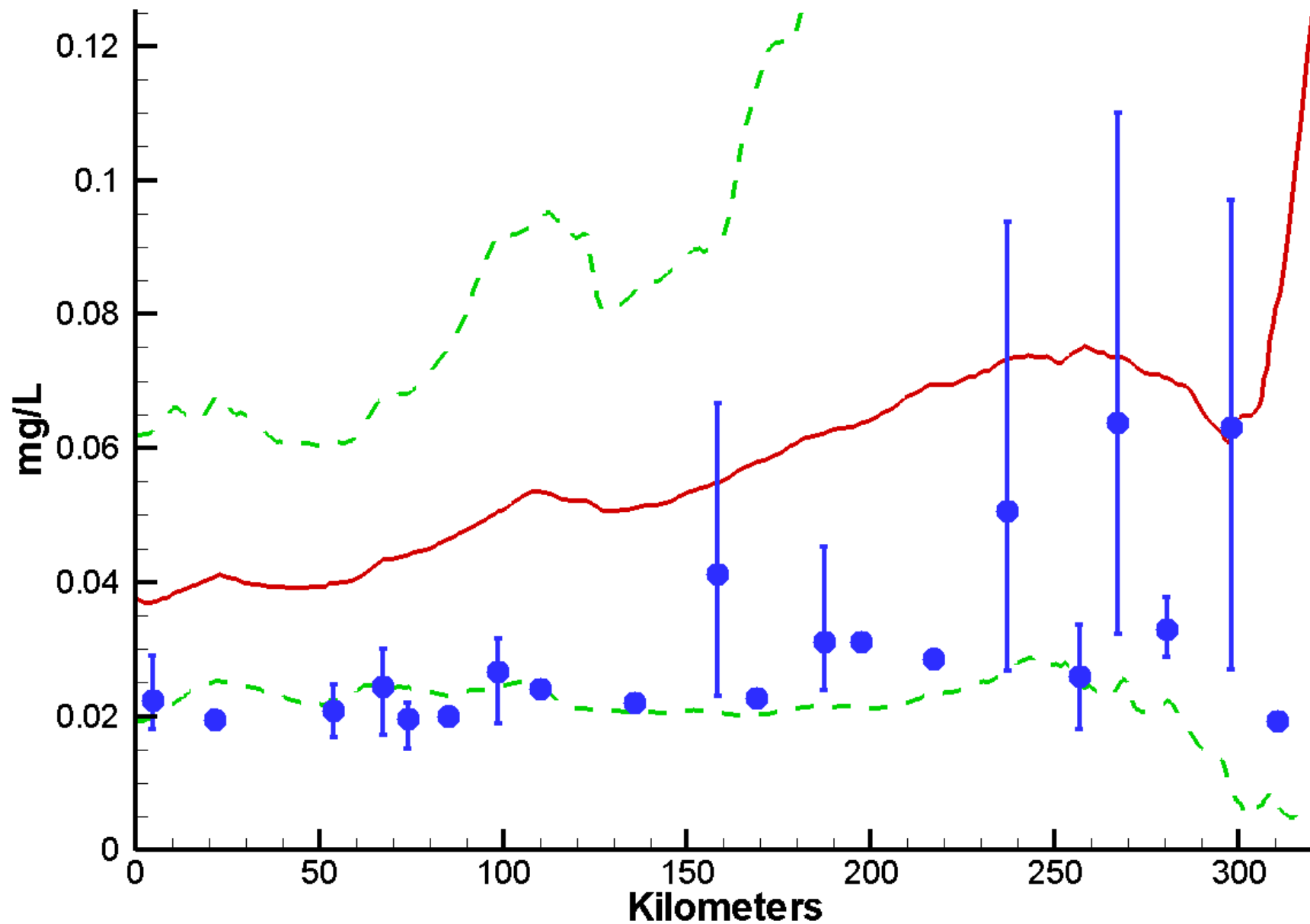
## Bottom Total Phosphorus Winter 1996





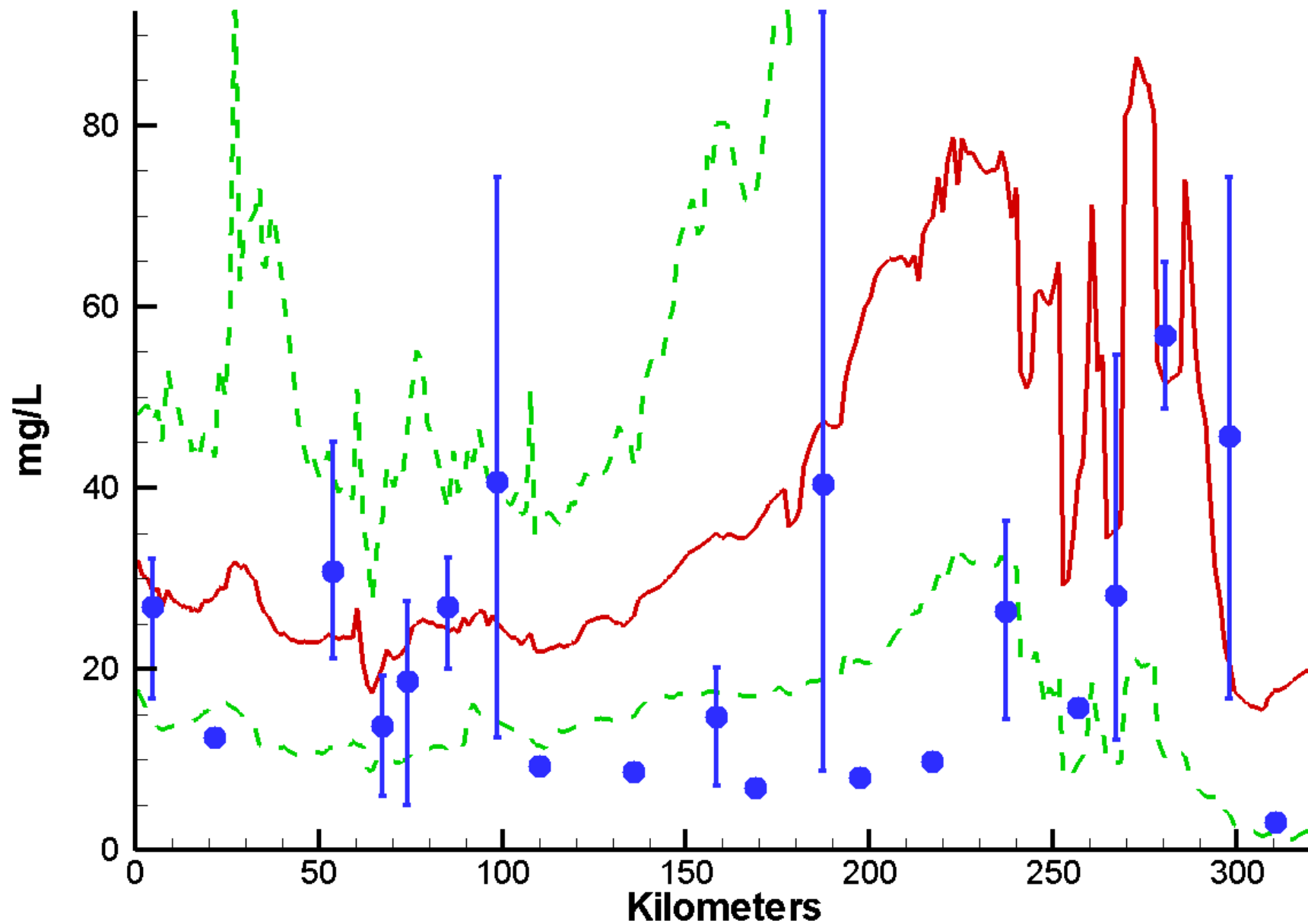
# Mainstem Bay Ches2015 Run118

## Surface Total Phosphorus Winter 1996



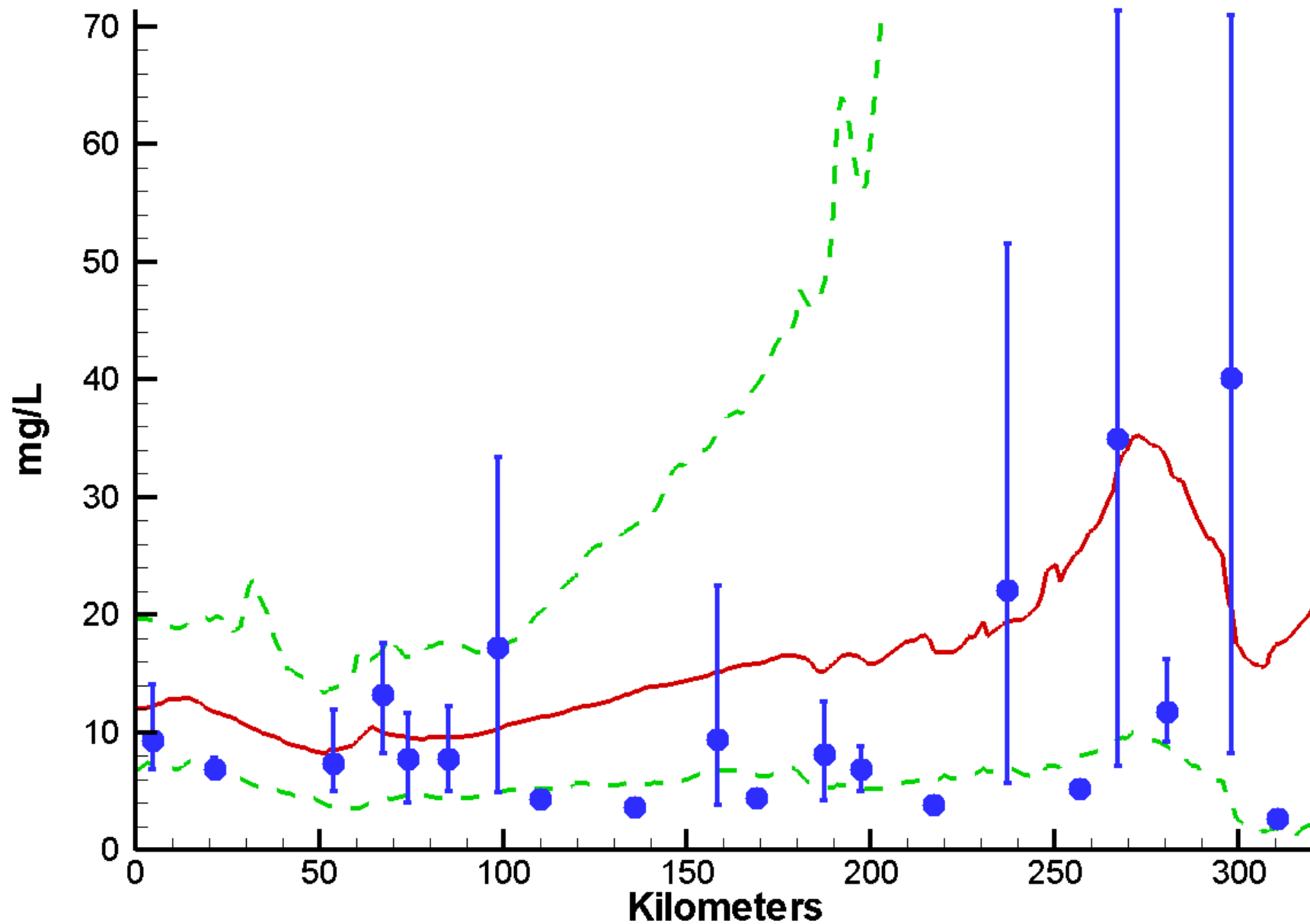
# Mainstem Bay Ches2015 Run118

## Bottom Total Suspended Solids Winter 1996



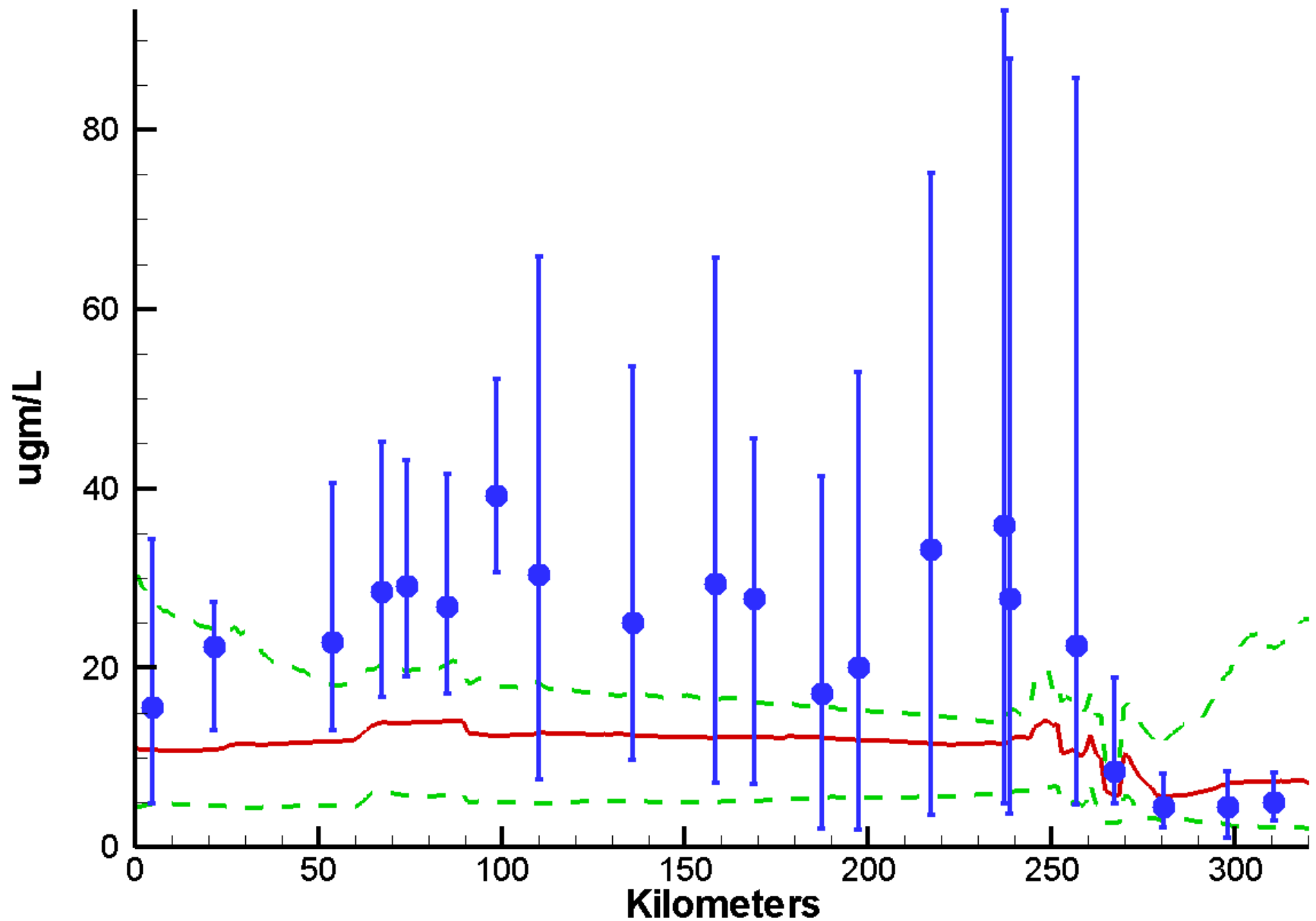
# Mainstem Bay Ches2015 Run118

## Surface Total Suspended Solids Winter 1996



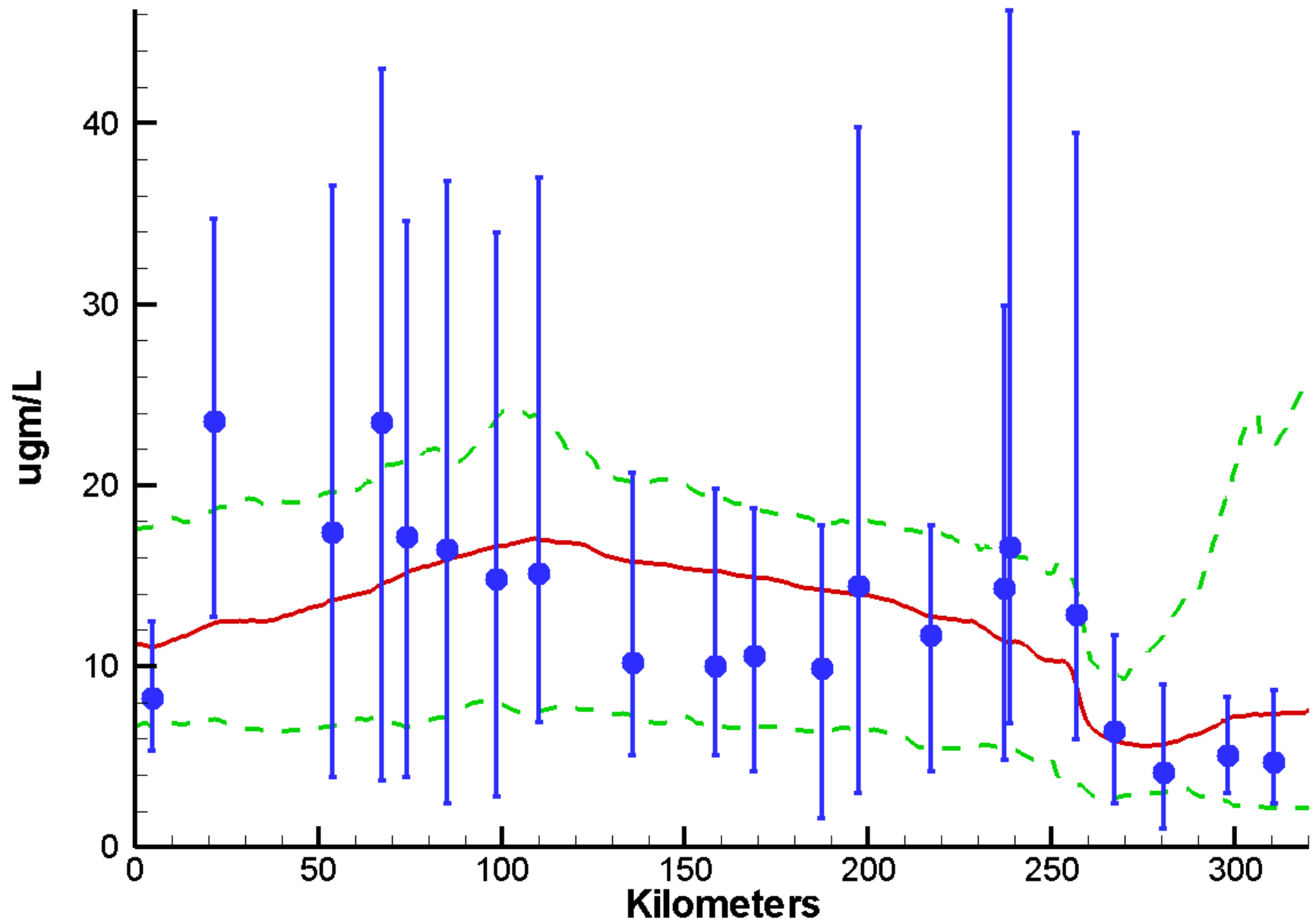
# Mainstem Bay Ches2015 Run118

## Bottom Chlorophyll Spring 1996



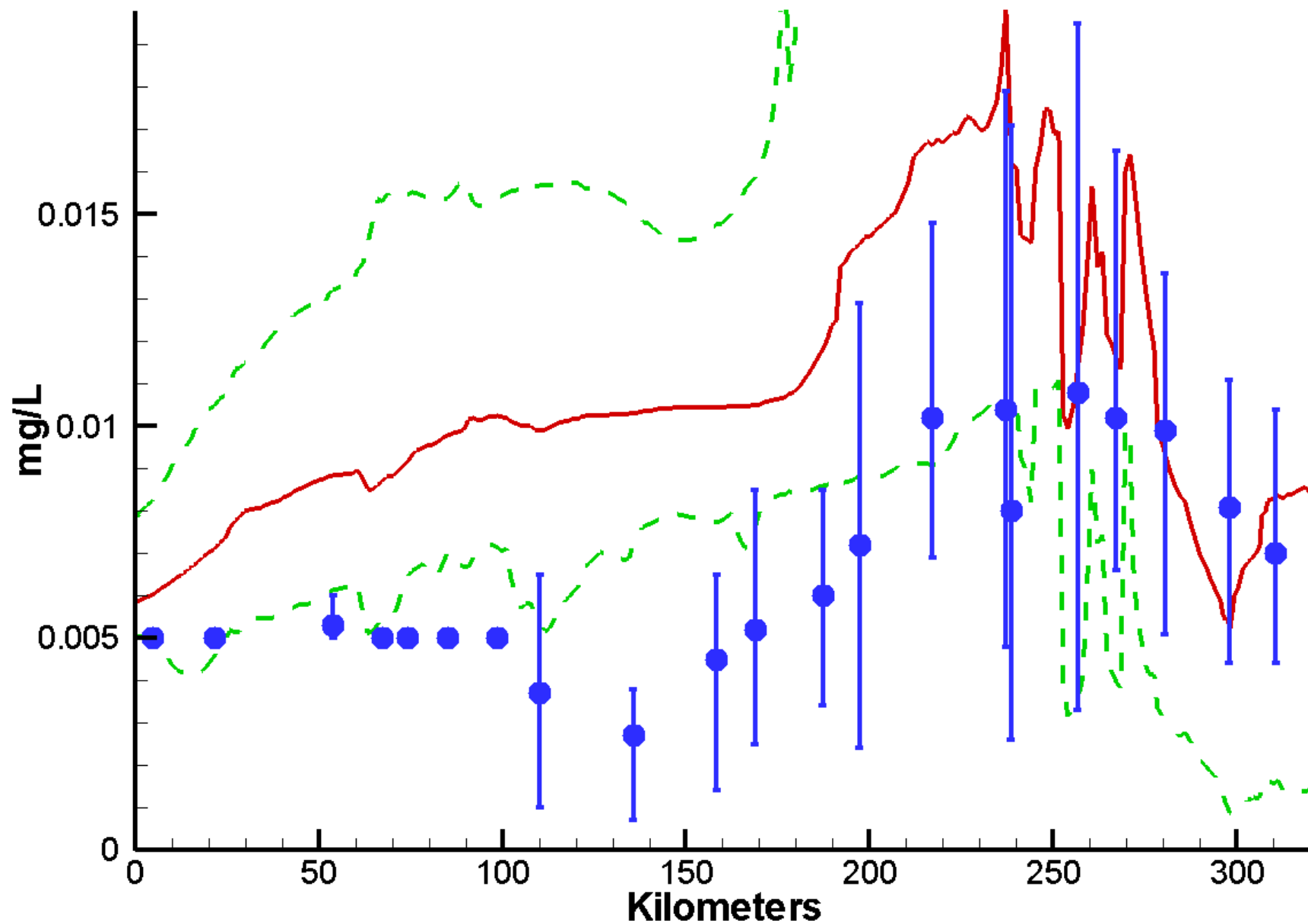
# Mainstem Bay Ches2015 Run118

## Surface Chlorophyll Spring 1996



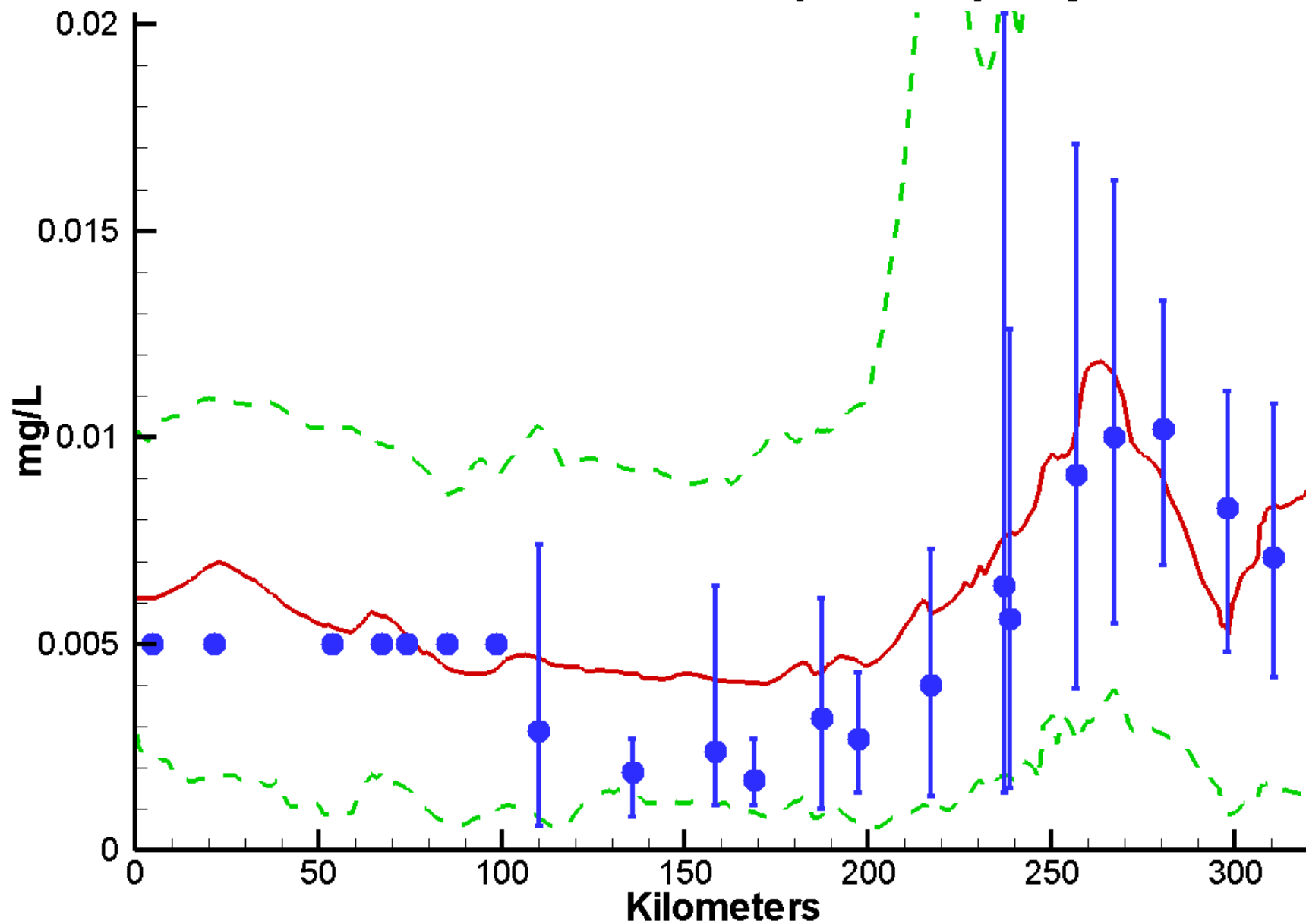
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1996



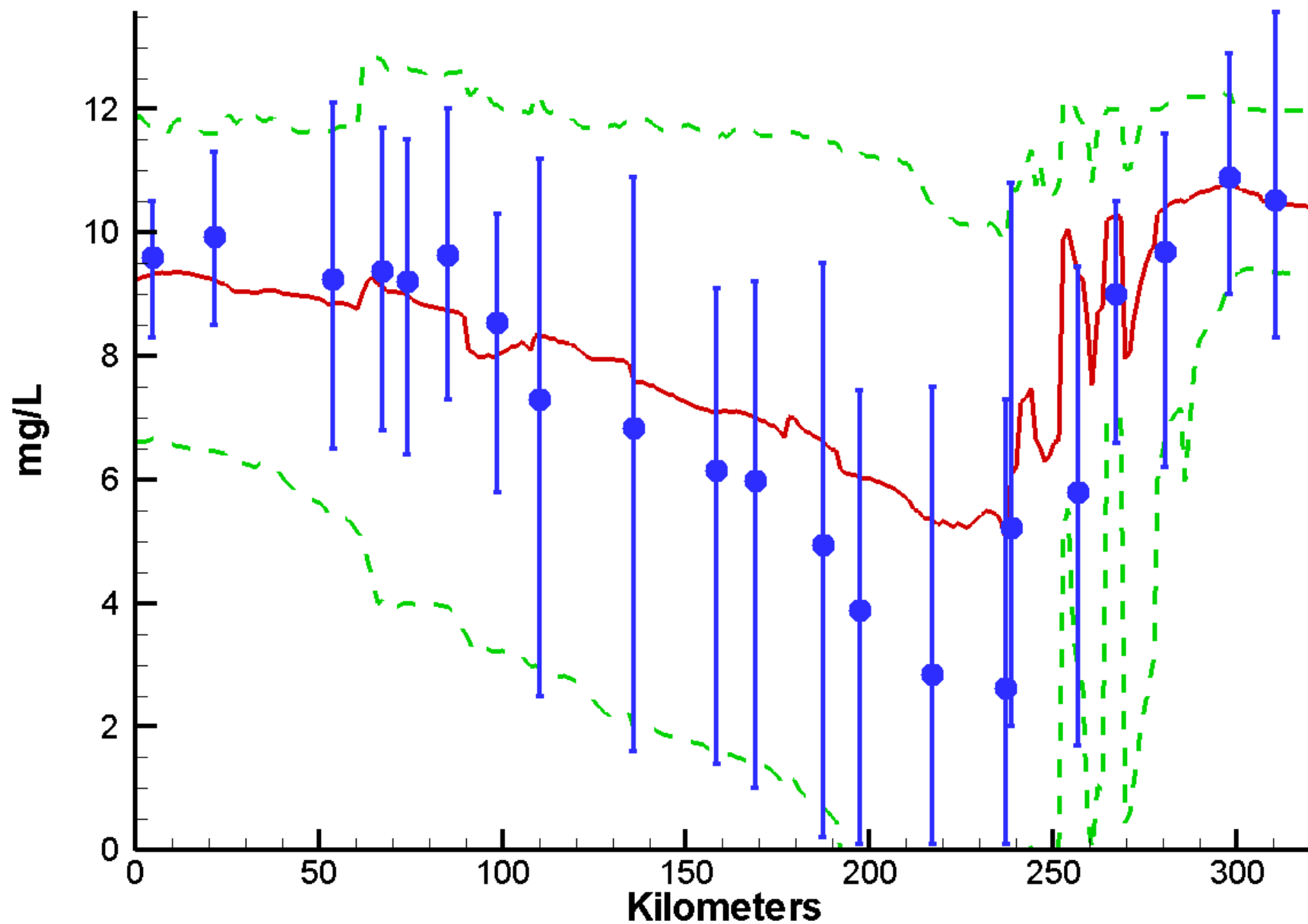
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Phosphate Spring 1996



# Mainstem Bay Ches2015 Run118

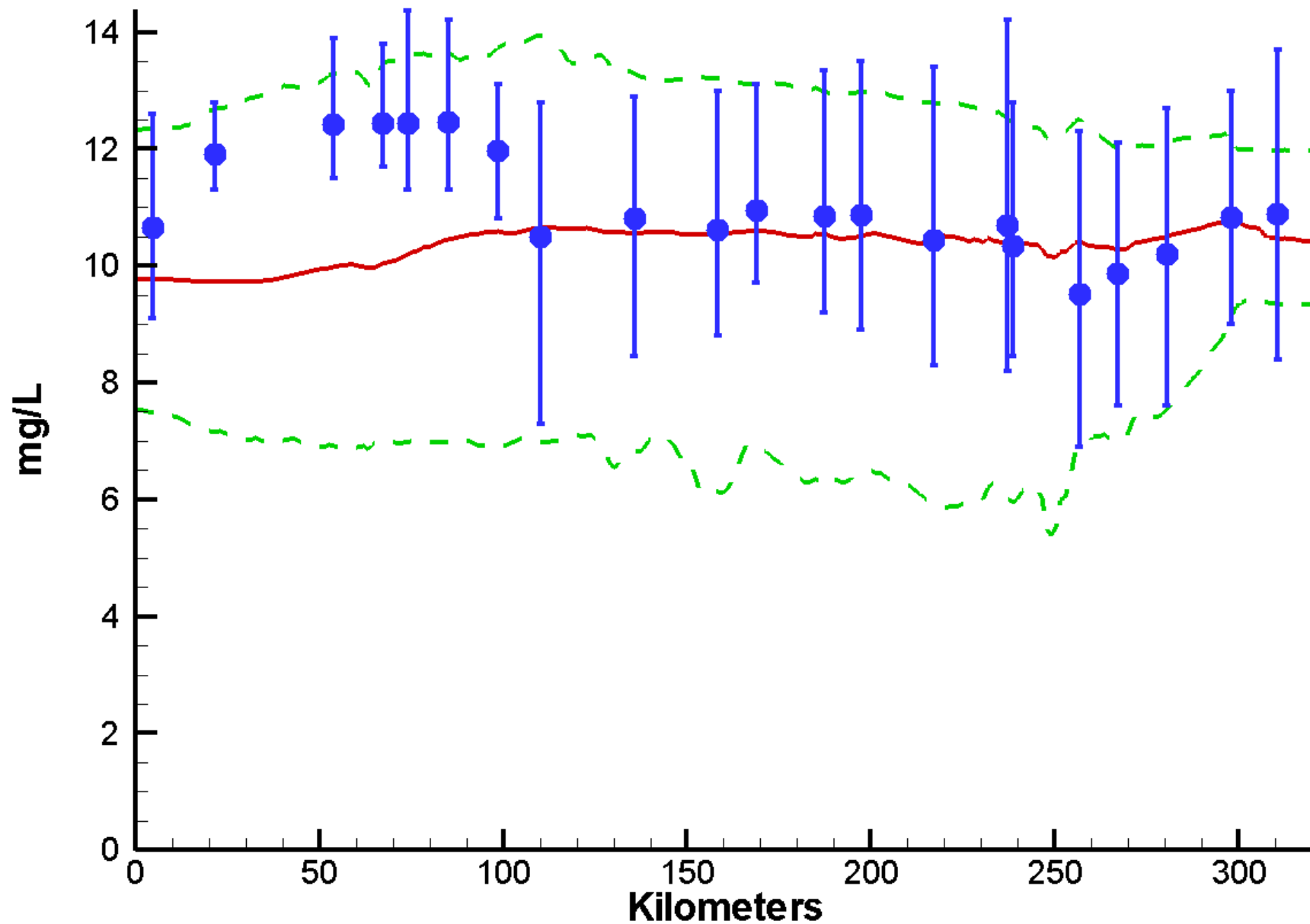
## Bottom Dissolved Oxygen Spring 1996





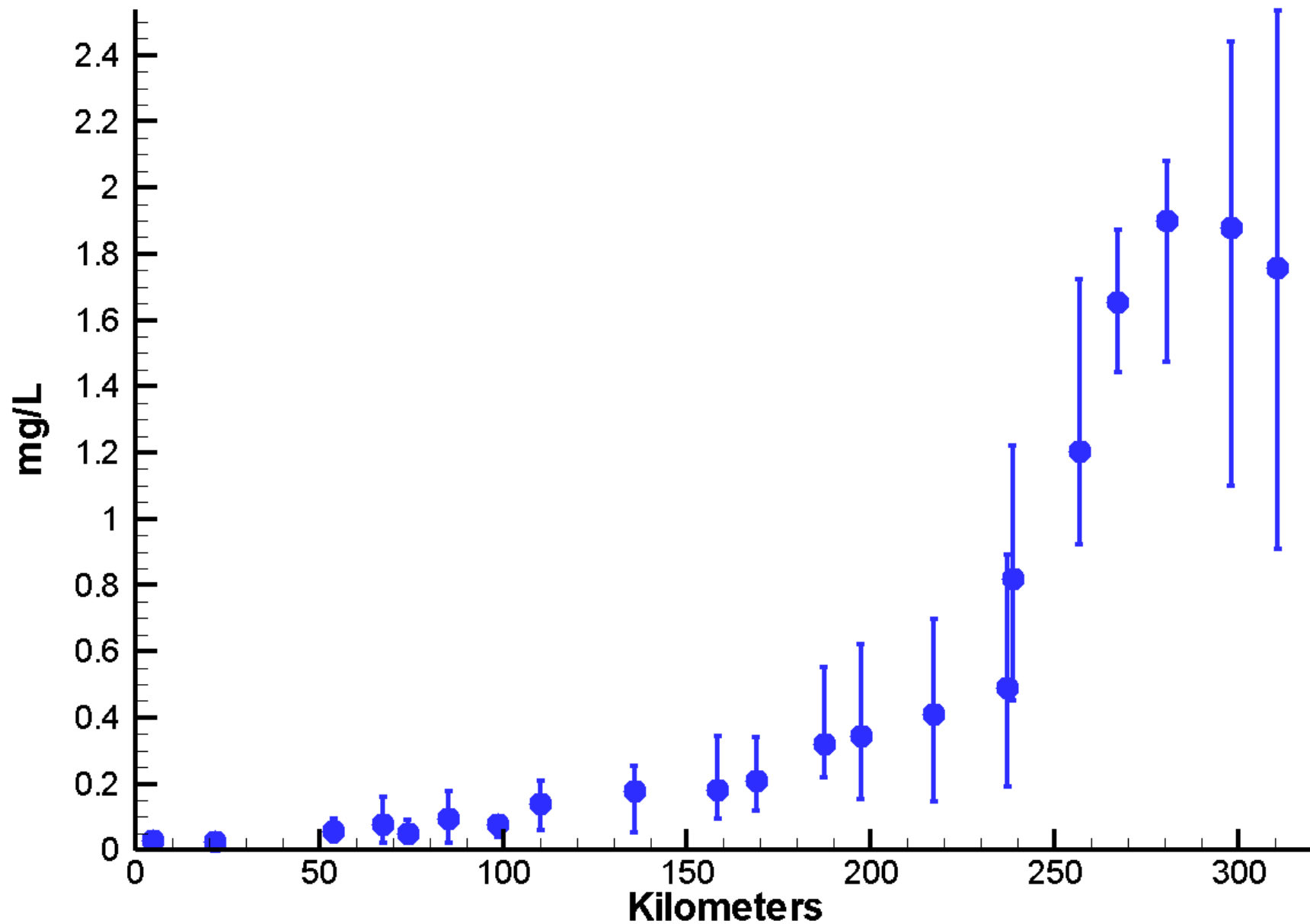
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Oxygen Spring 1996



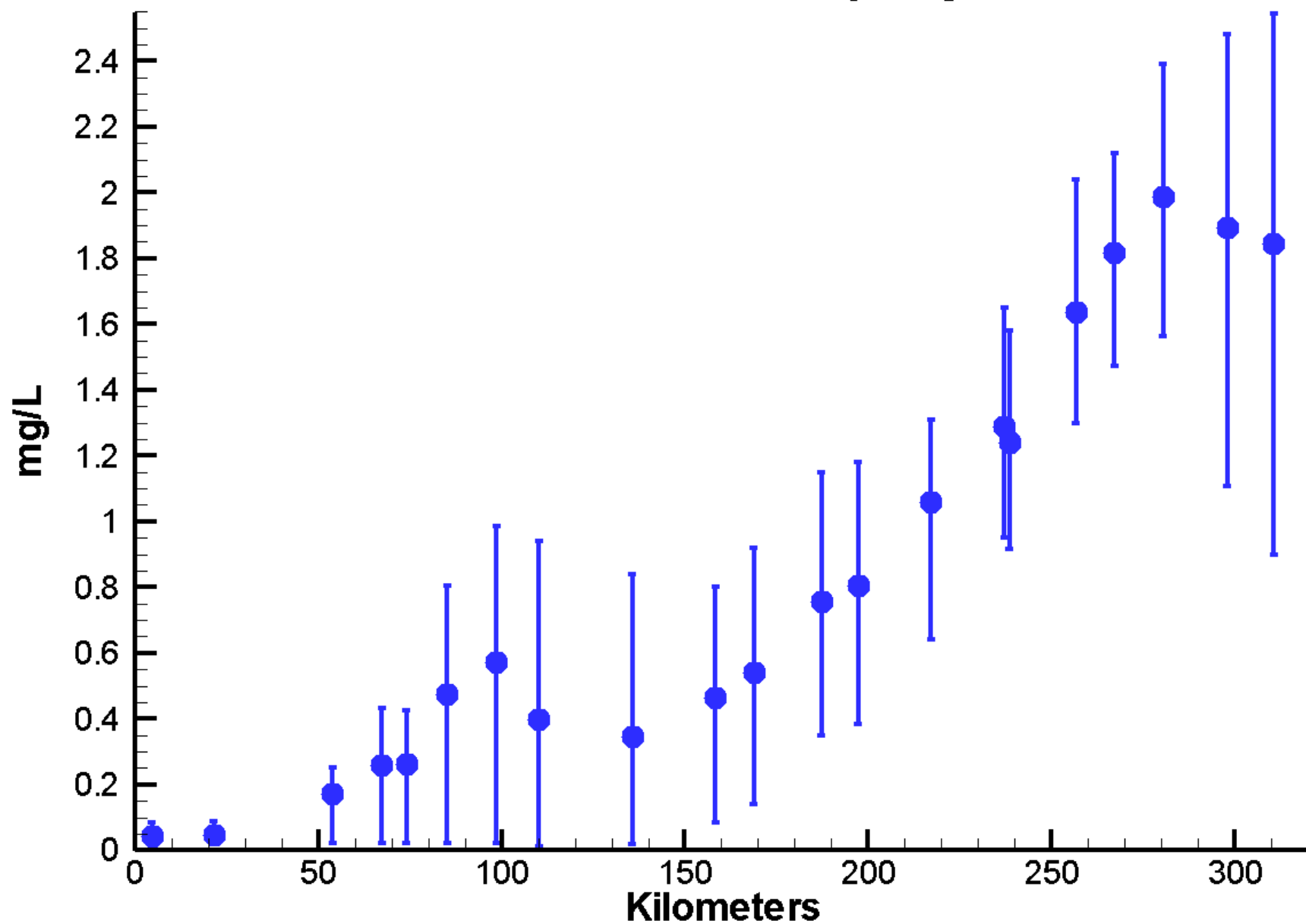
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Silica Spring 1996



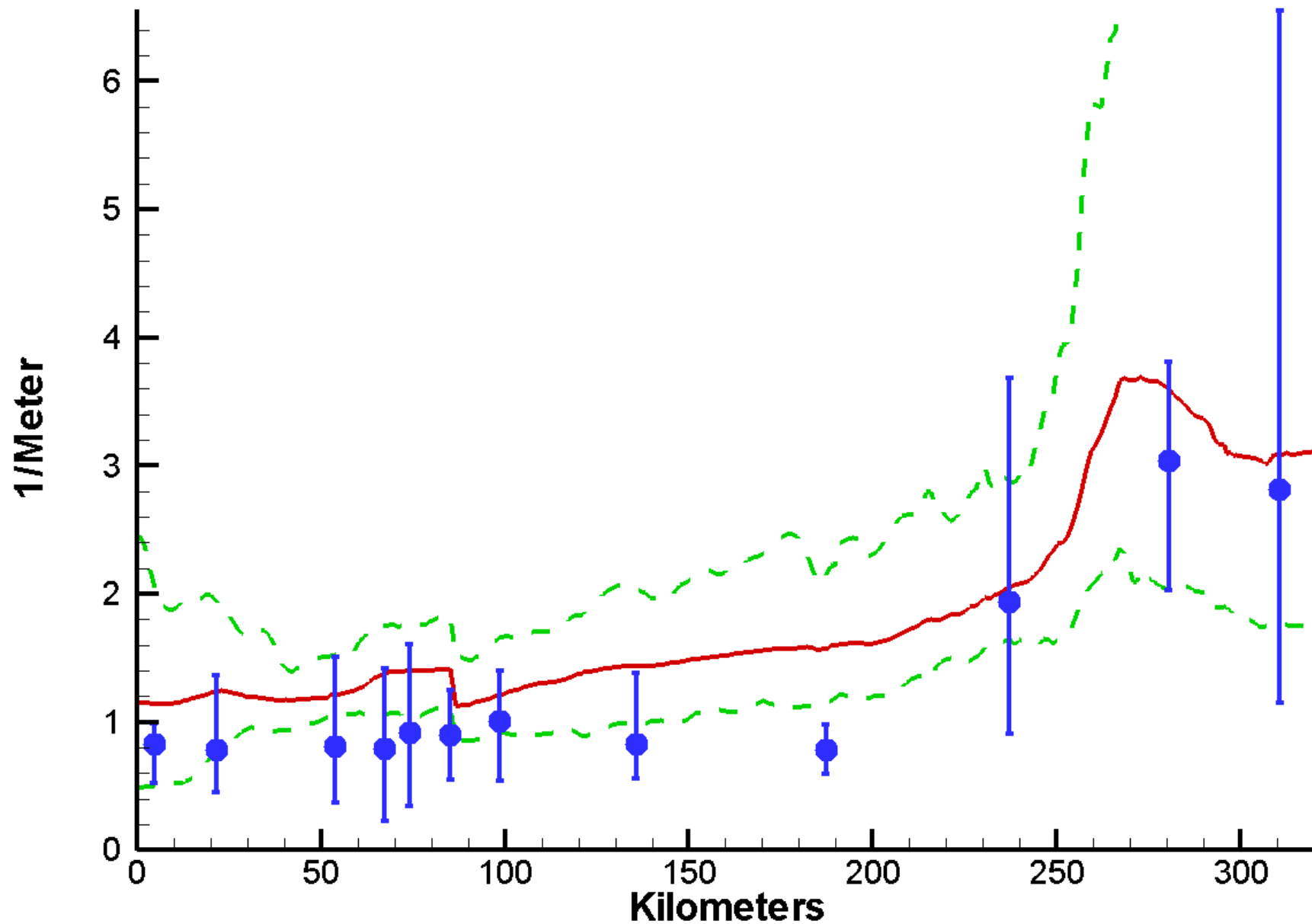
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Silica Spring 1996



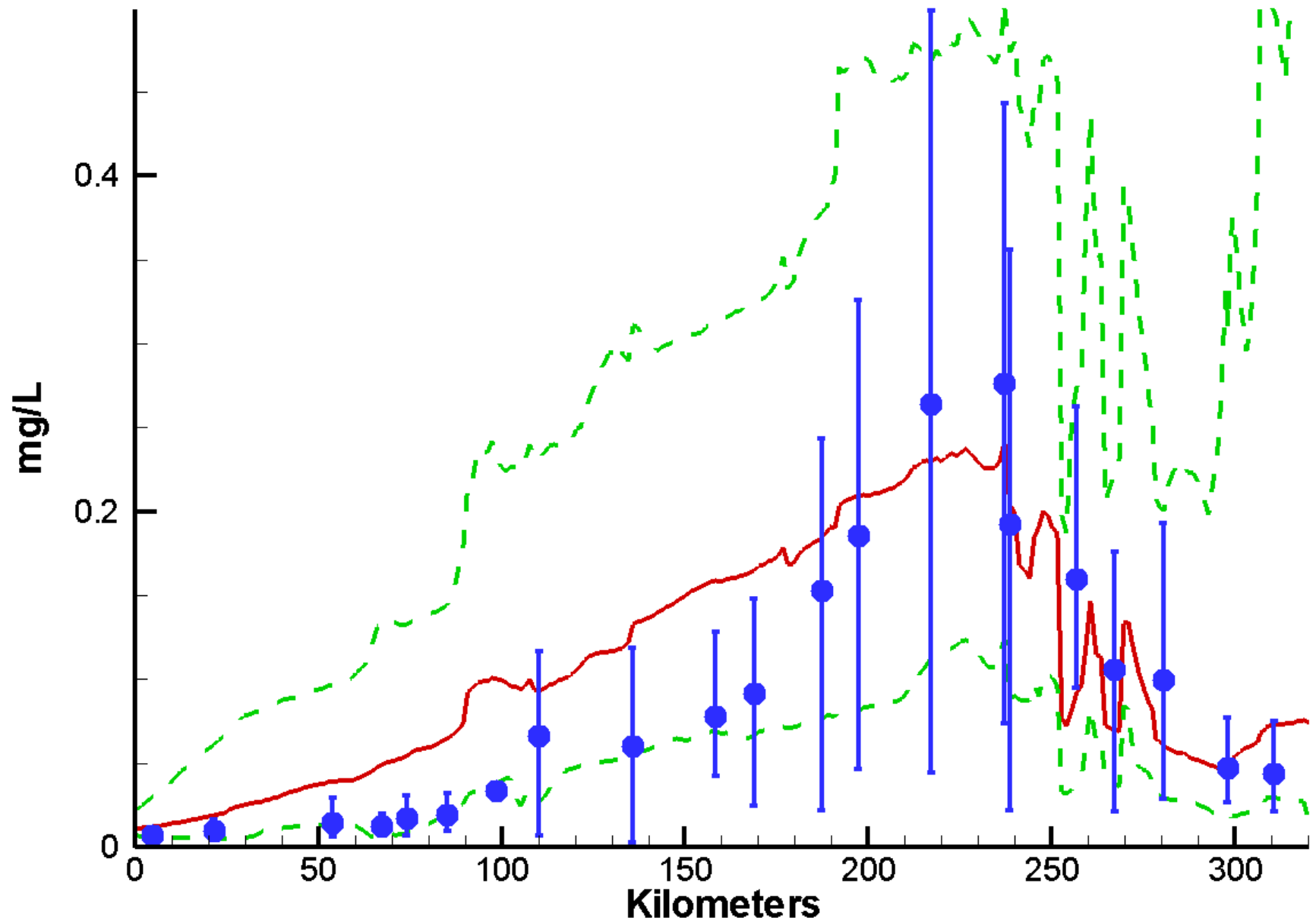
# Mainstem Bay Ches2015 Run118

## Surface Light Extinction Spring 1996



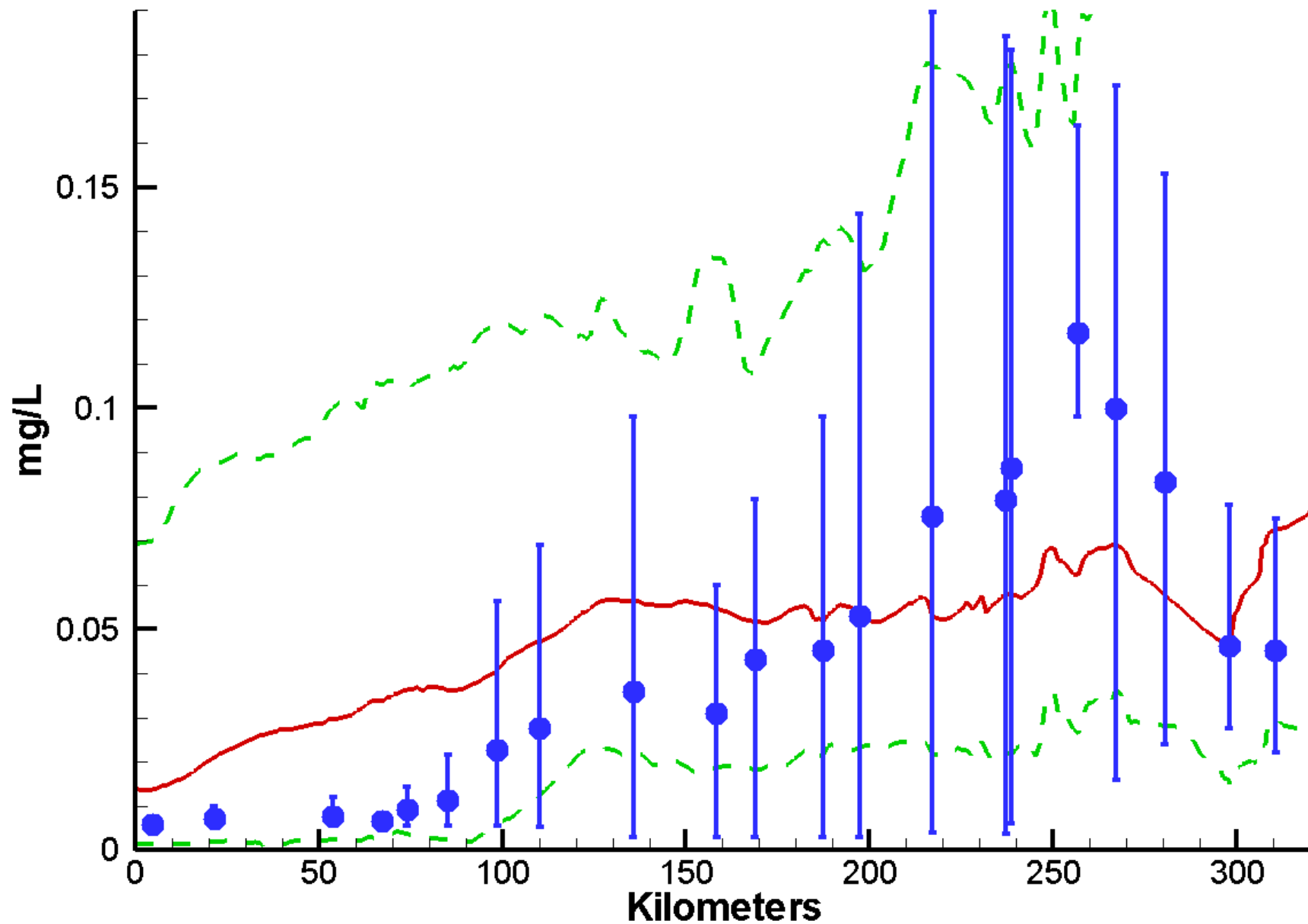
# Mainstem Bay Ches2015 Run118

## Bottom Ammonium Spring 1996



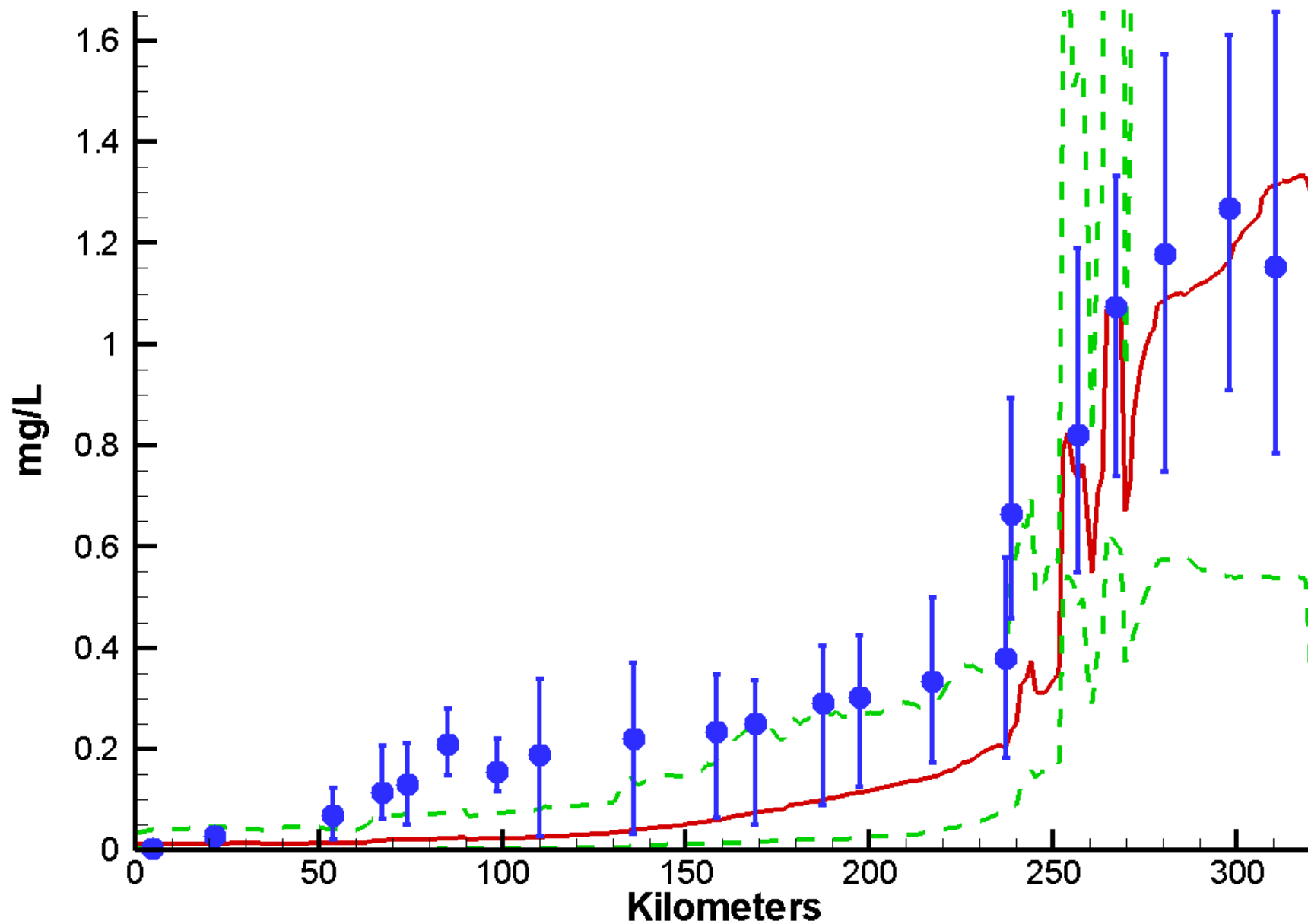
# Mainstem Bay Ches2015 Run118

## Surface Ammonium Spring 1996



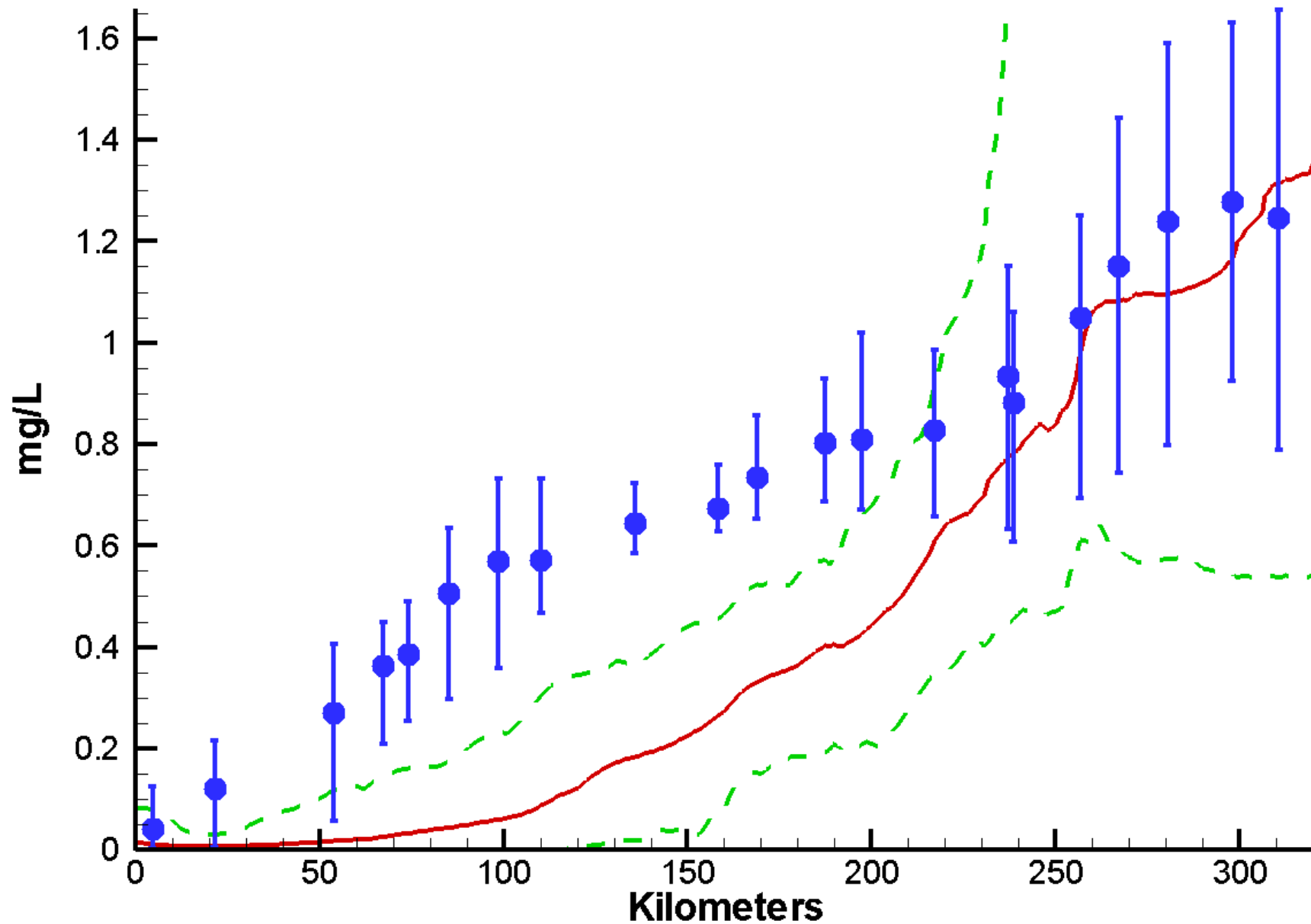
# Mainstem Bay Ches2015 Run118

## Bottom Nitrate Spring 1996



# Mainstem Bay Ches2015 Run118

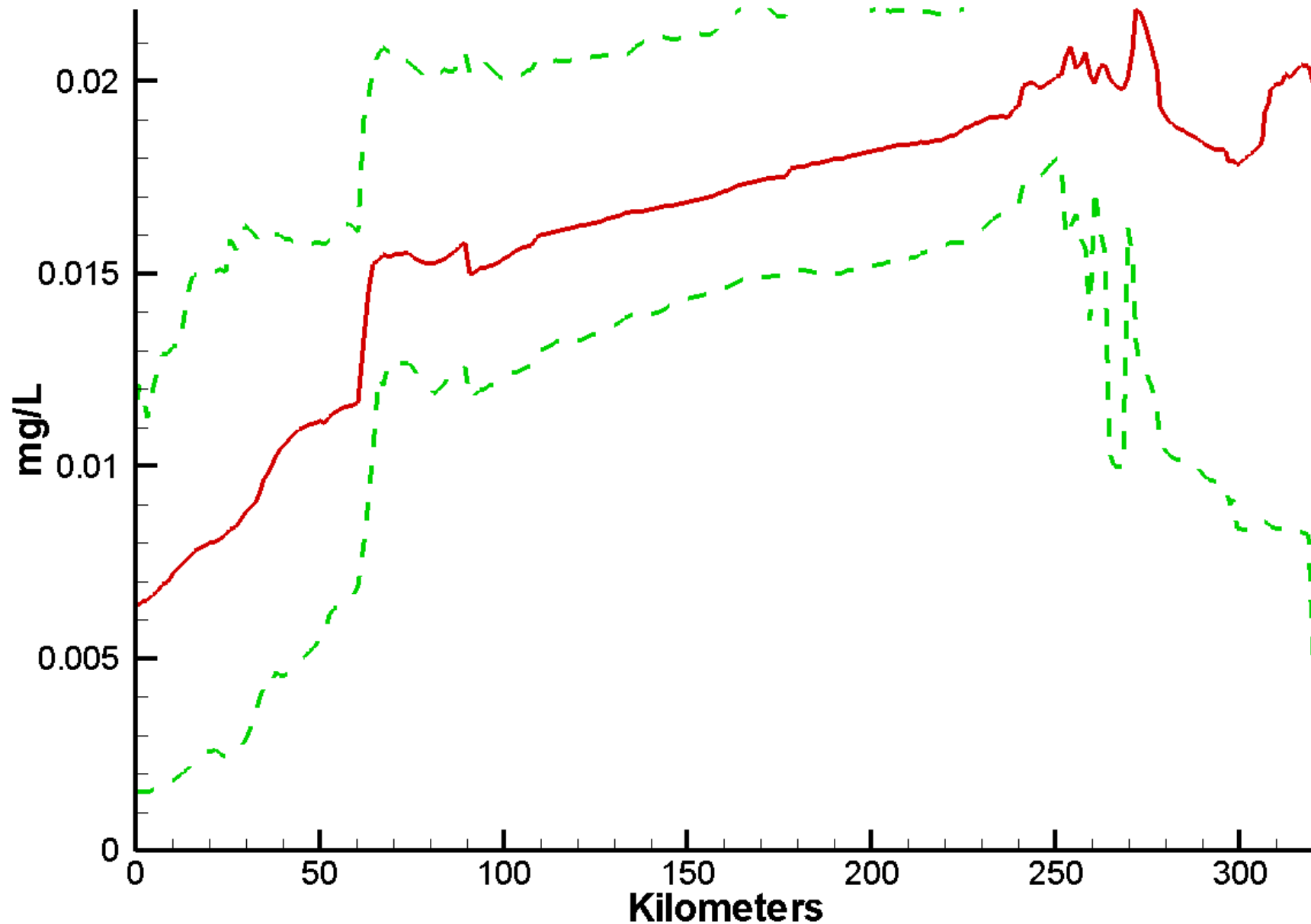
## Surface Nitrate Spring 1996





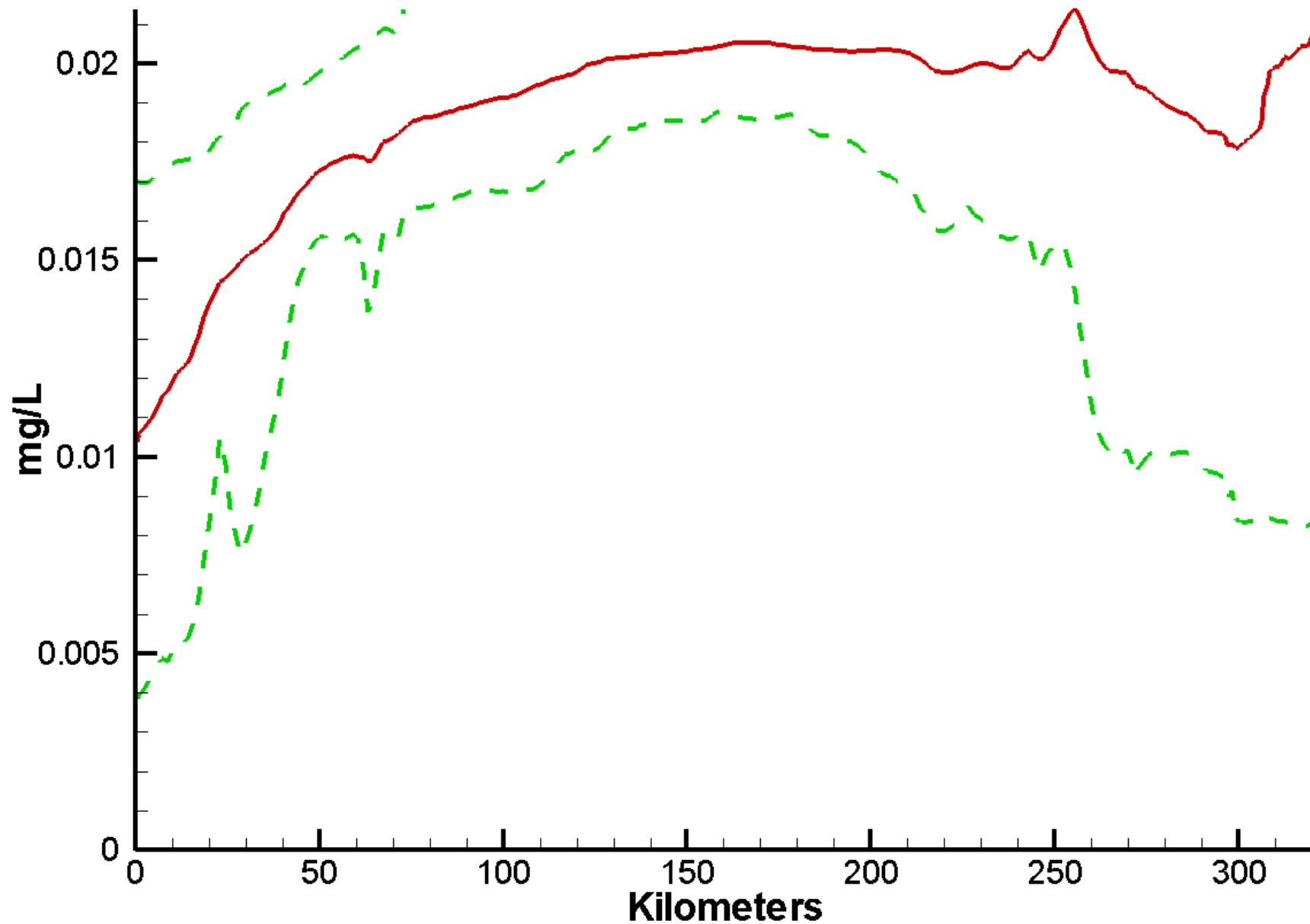
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1996



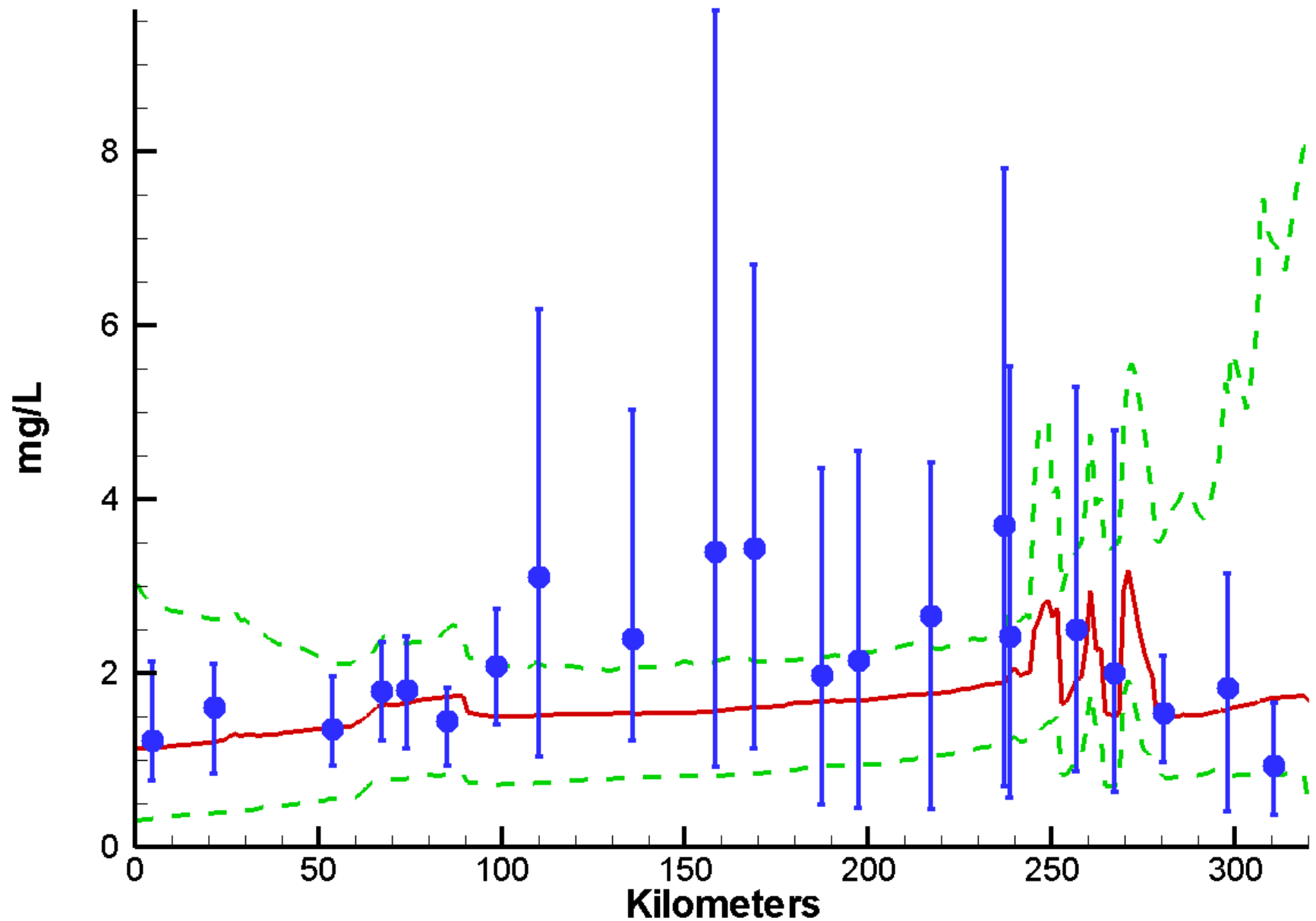
# Mainstem Bay Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1996



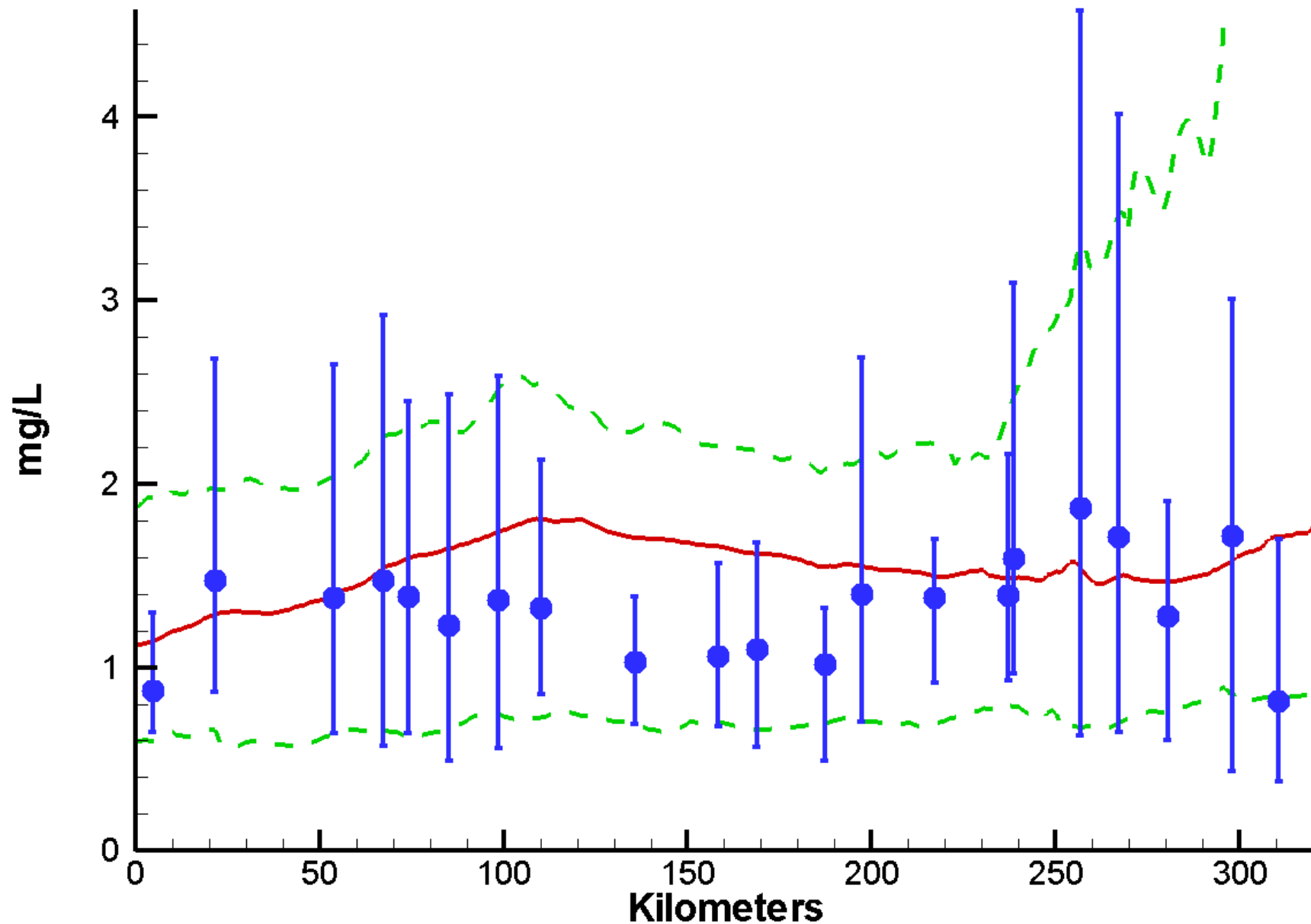
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1996



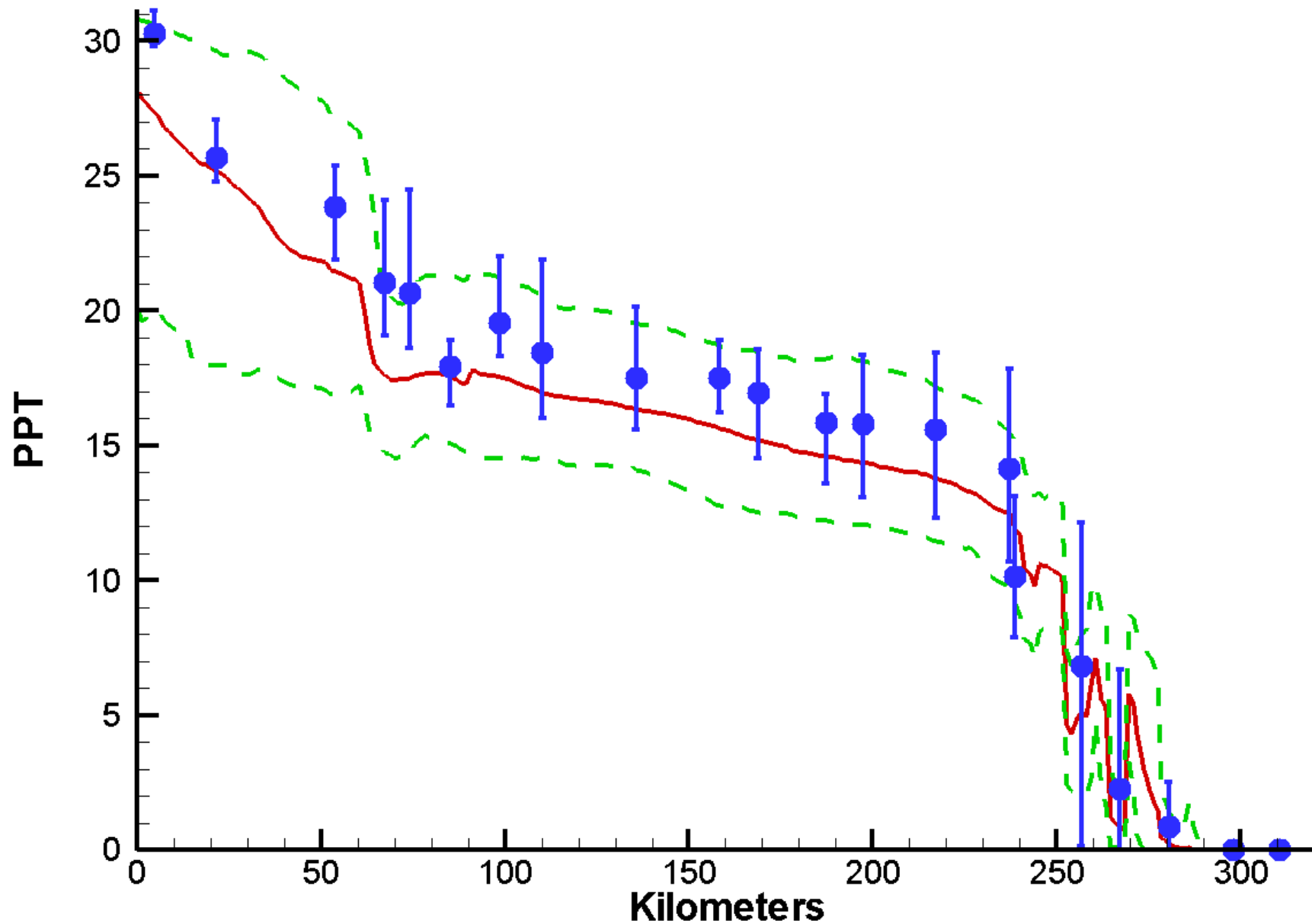
# Mainstem Bay Ches2015 Run118

## Surface Particulate Organic Carbon Spring 1996



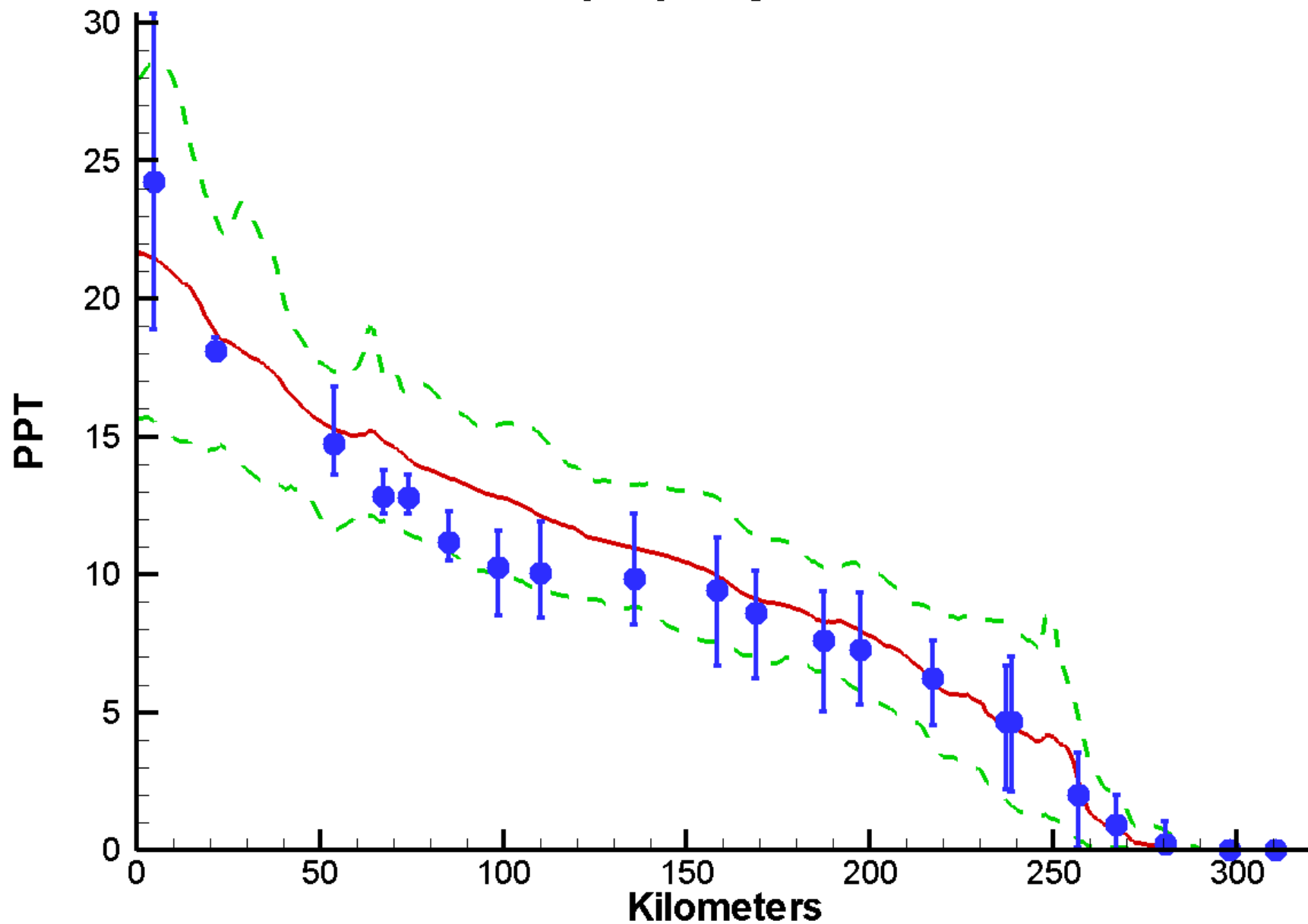
# Mainstem Bay Ches2015 Run118

## Bottom Salinity Spring 1996



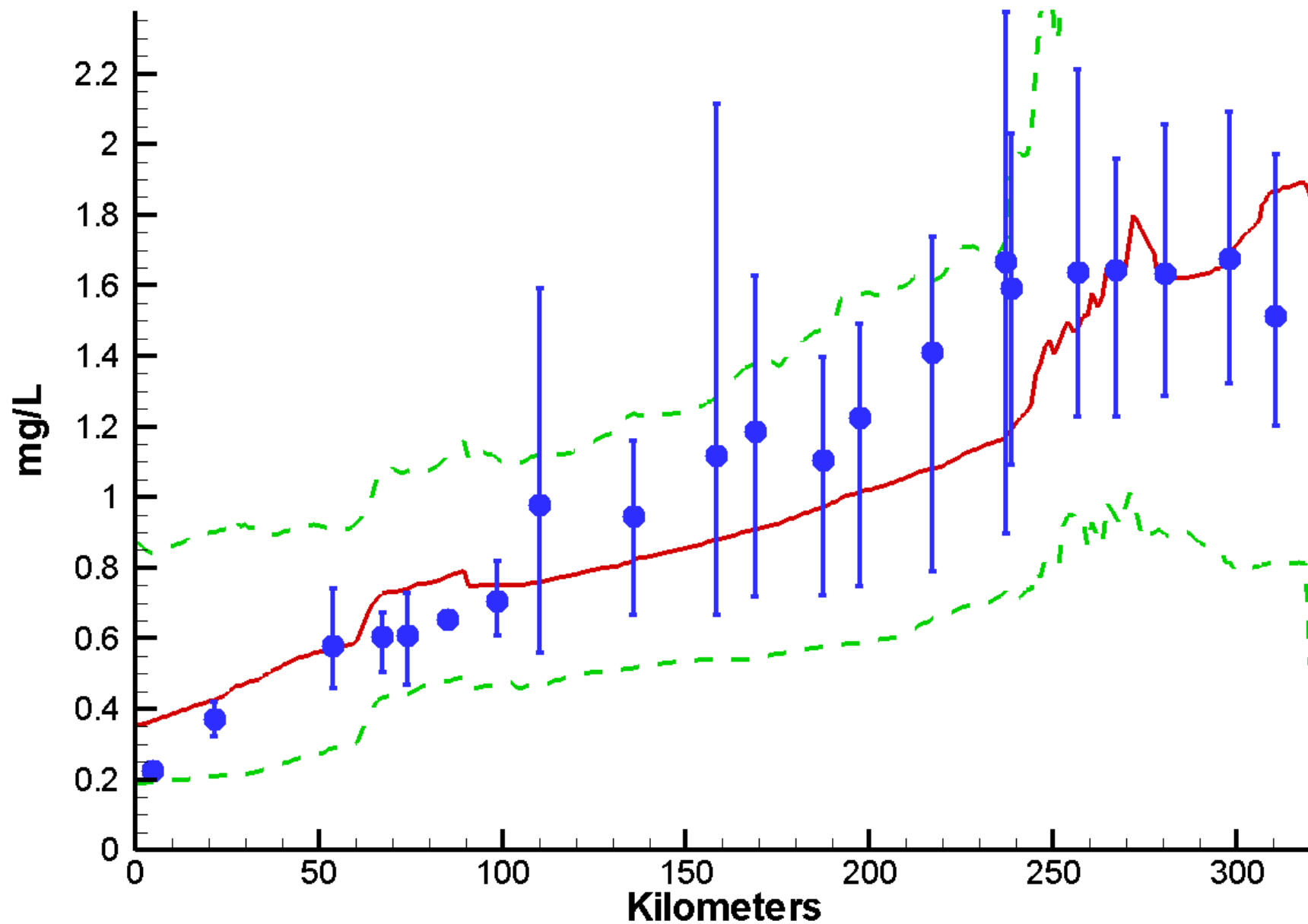
# Mainstem Bay Ches2015 Run118

## Surface Salinity Spring 1996



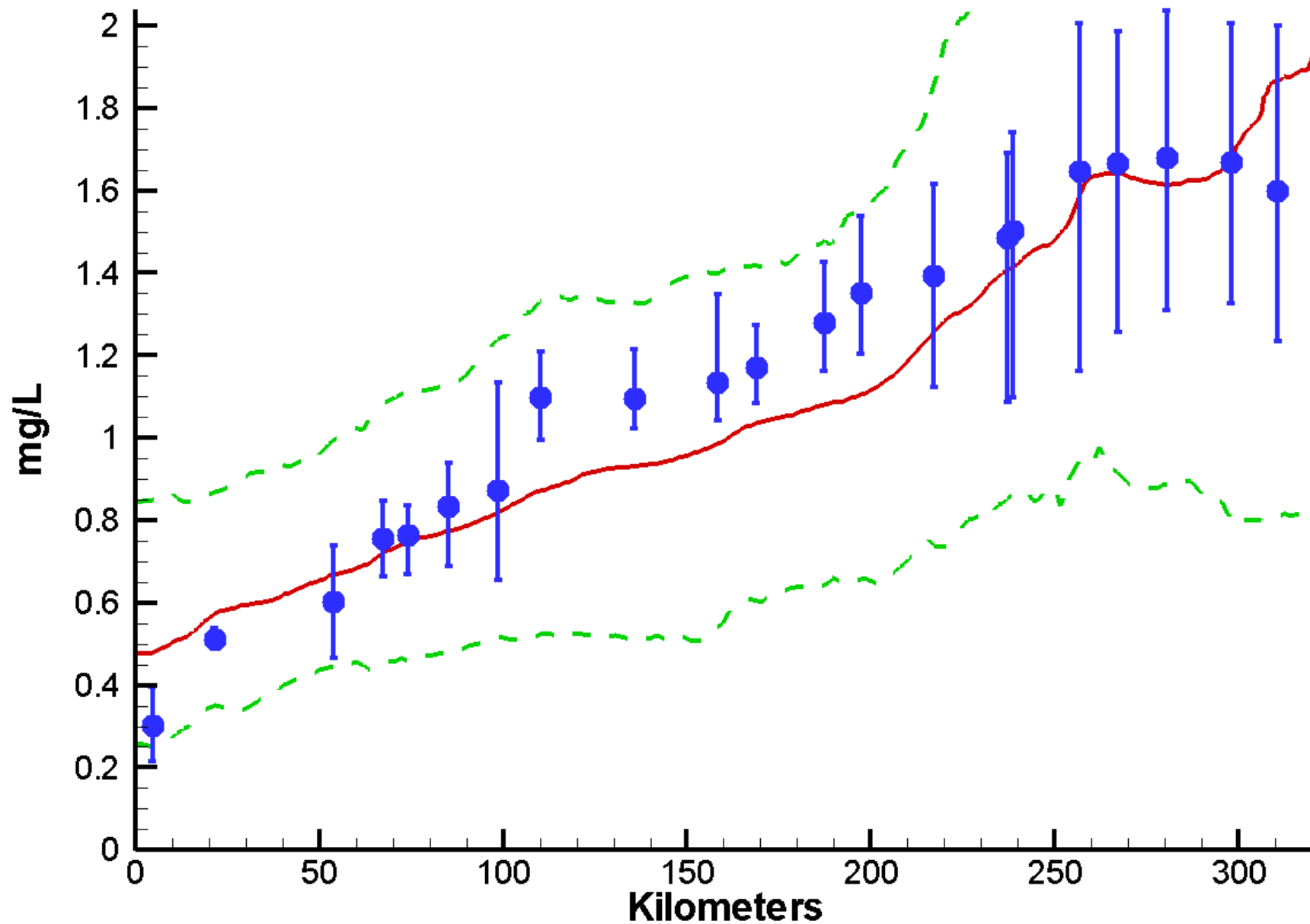
# Mainstem Bay Ches2015 Run118

## Bottom Total Nitrogen Spring 1996



# Mainstem Bay Ches2015 Run118

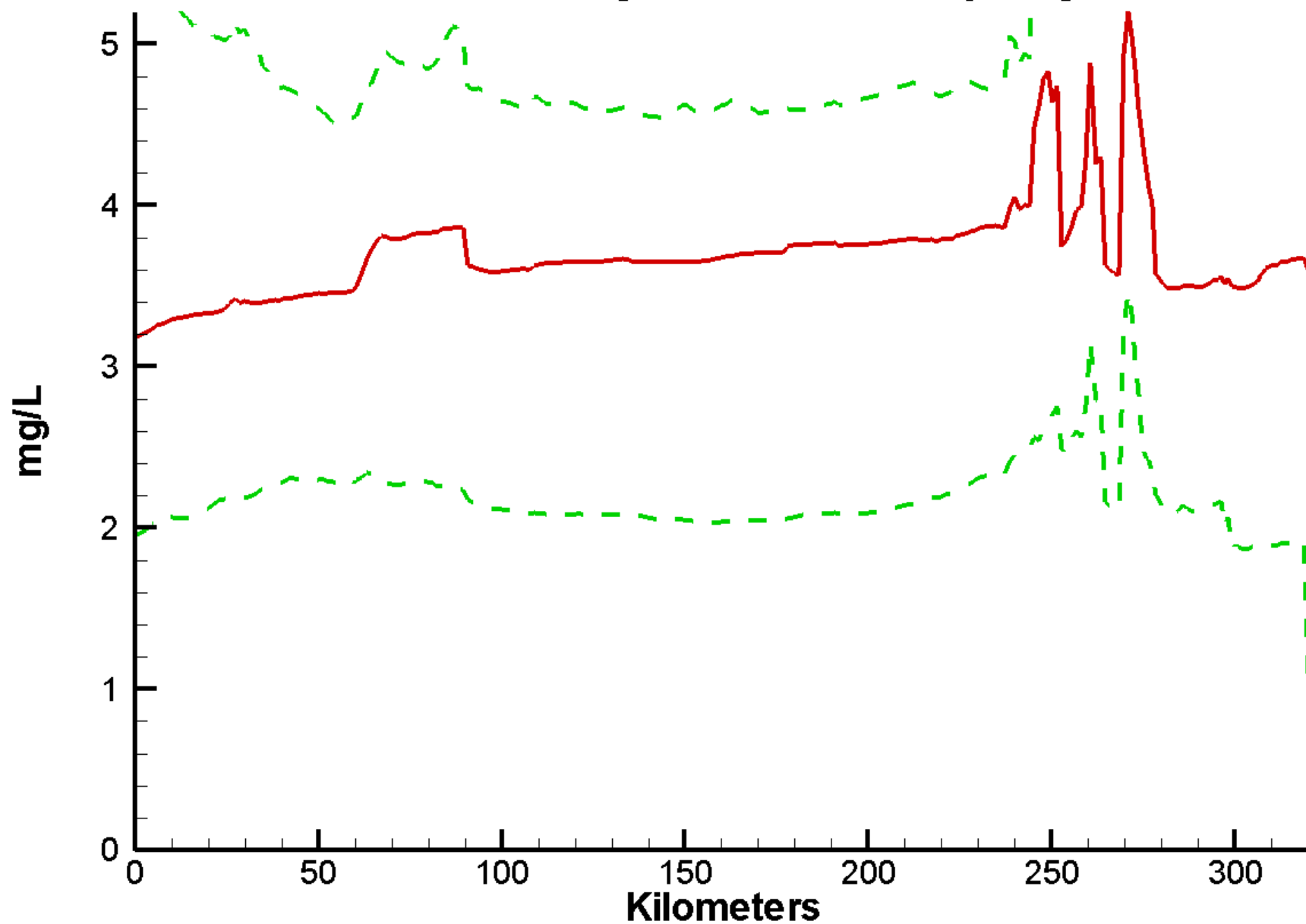
## Surface Total Nitrogen Spring 1996



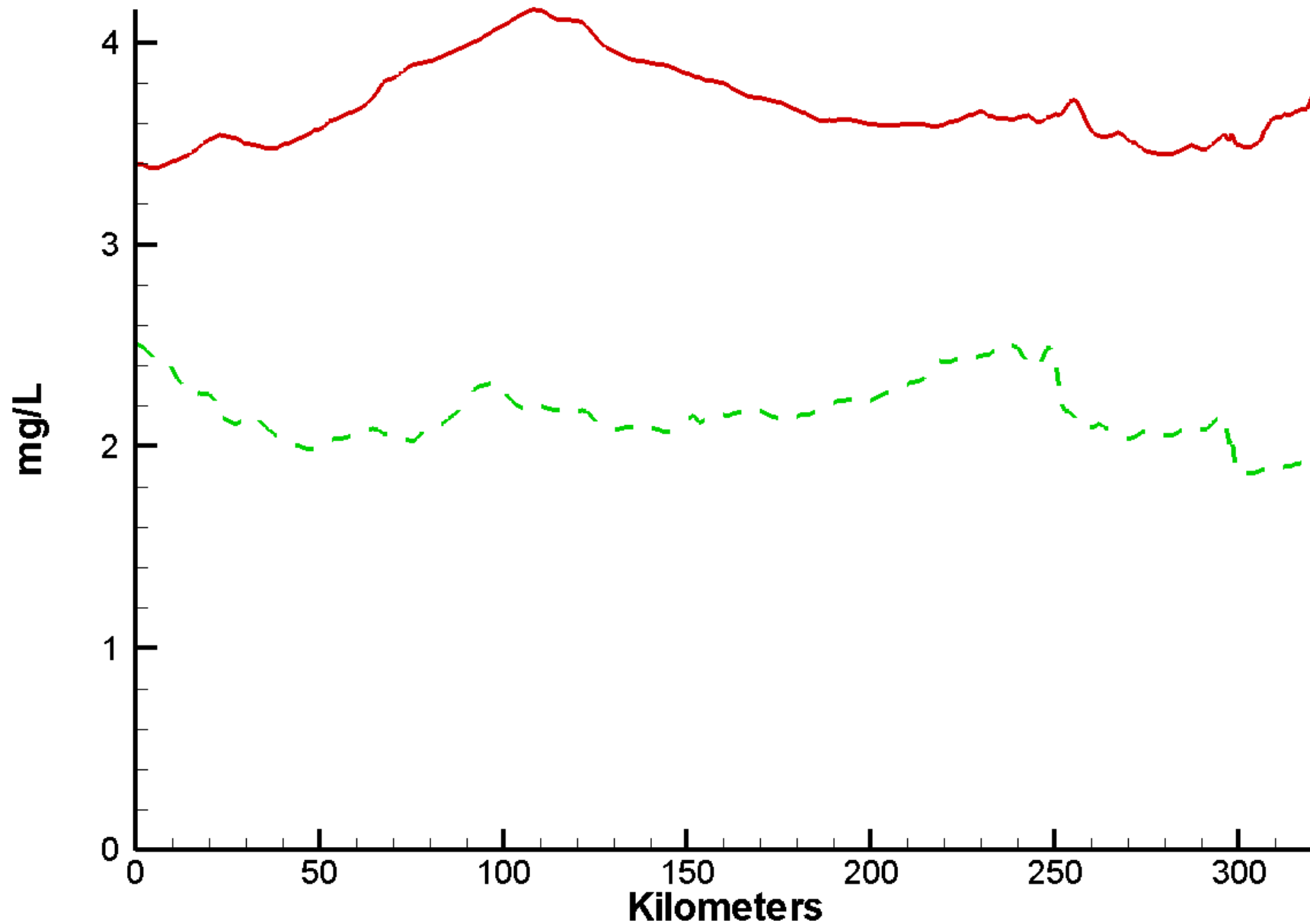


# Mainstem Bay Ches2015 Run118

## Bottom Total Organic Carbon Spring 1996

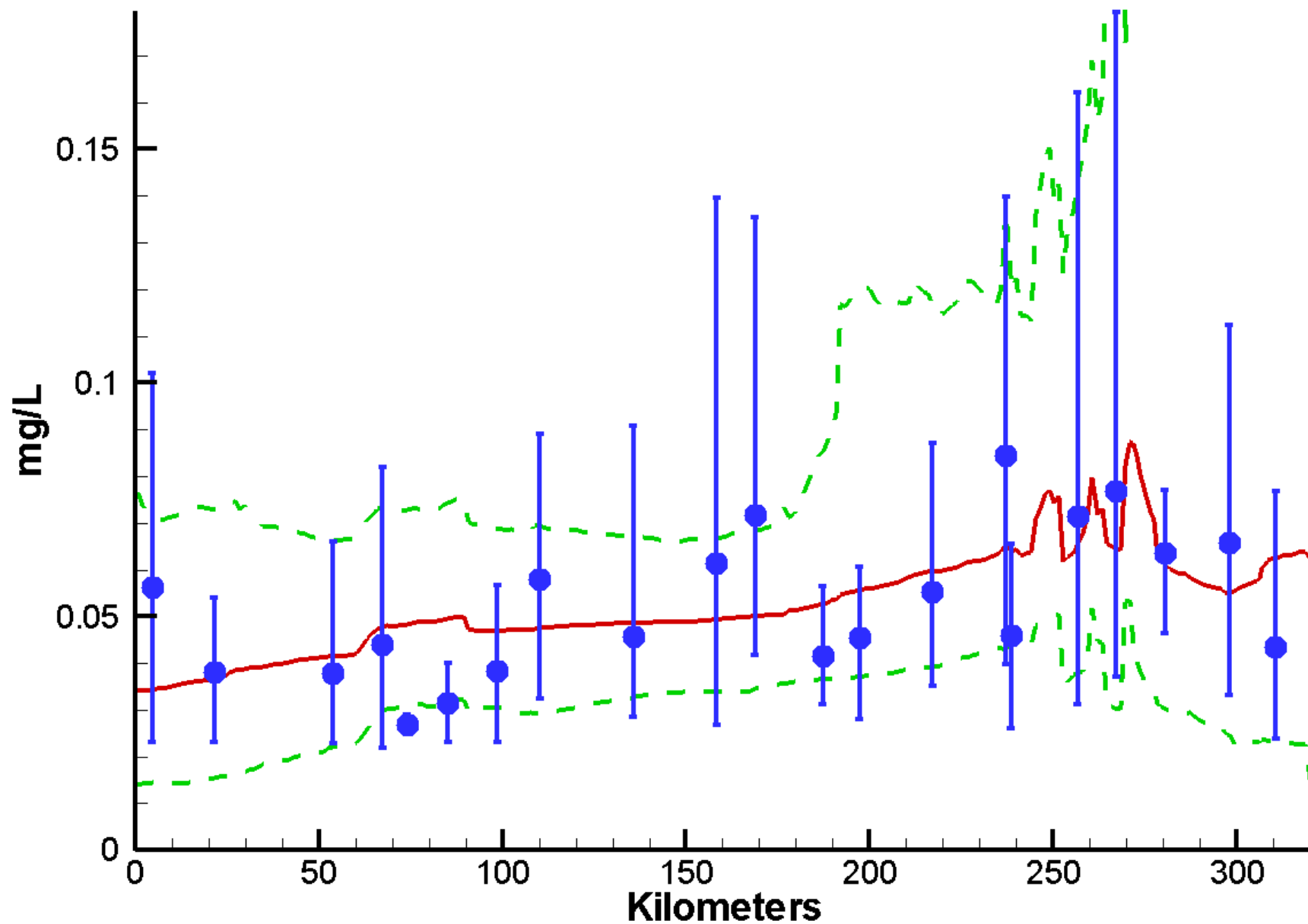


**Mainstem Bay Ches2015 Run118**  
**Surface Total Organic Carbon Spring 1996**



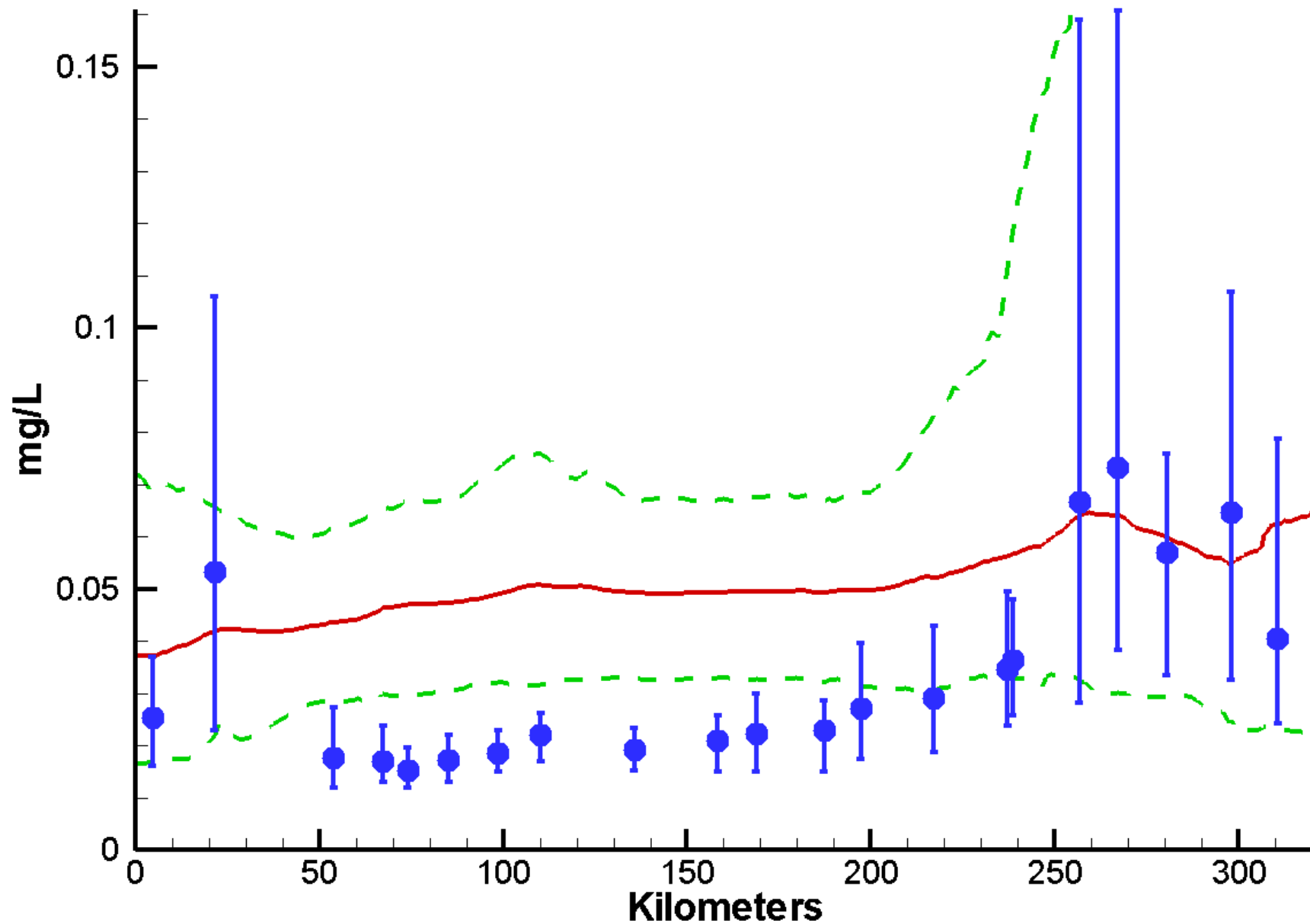
# Mainstem Bay Ches2015 Run118

## Bottom Total Phosphorus Spring 1996



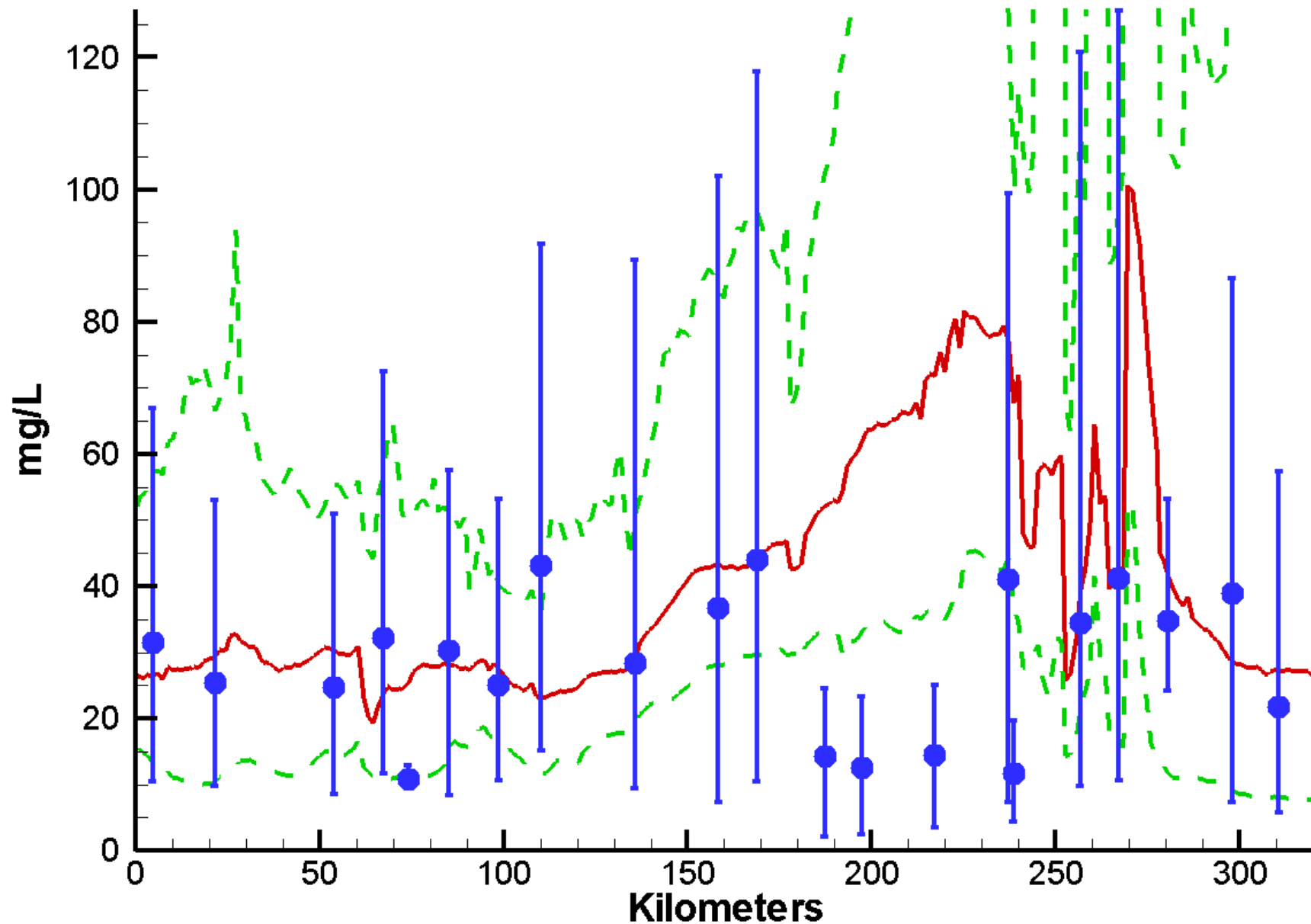
# Mainstem Bay Ches2015 Run118

## Surface Total Phosphorus Spring 1996



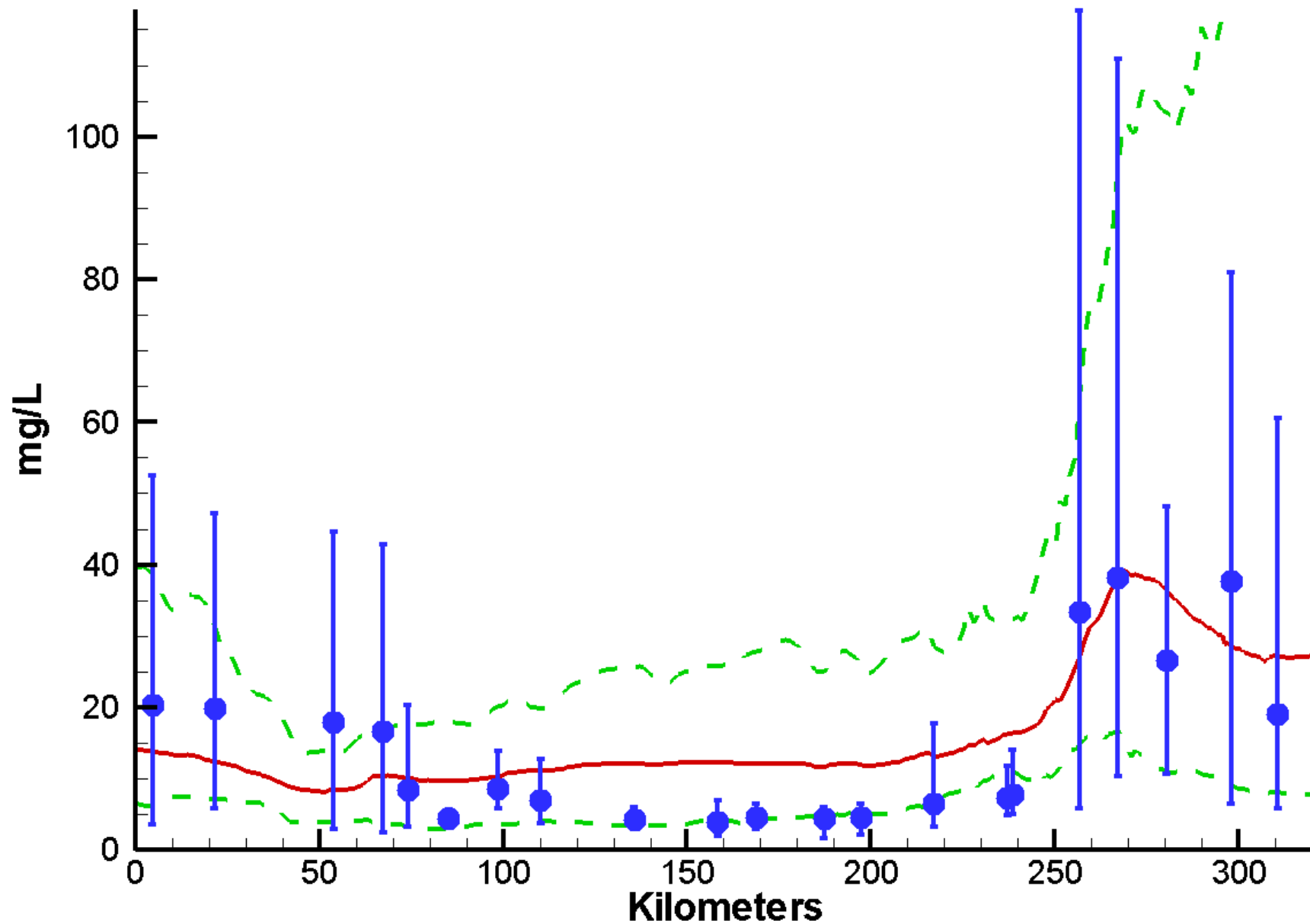
# Mainstem Bay Ches2015 Run118

## Bottom Total Suspended Solids Spring 1996



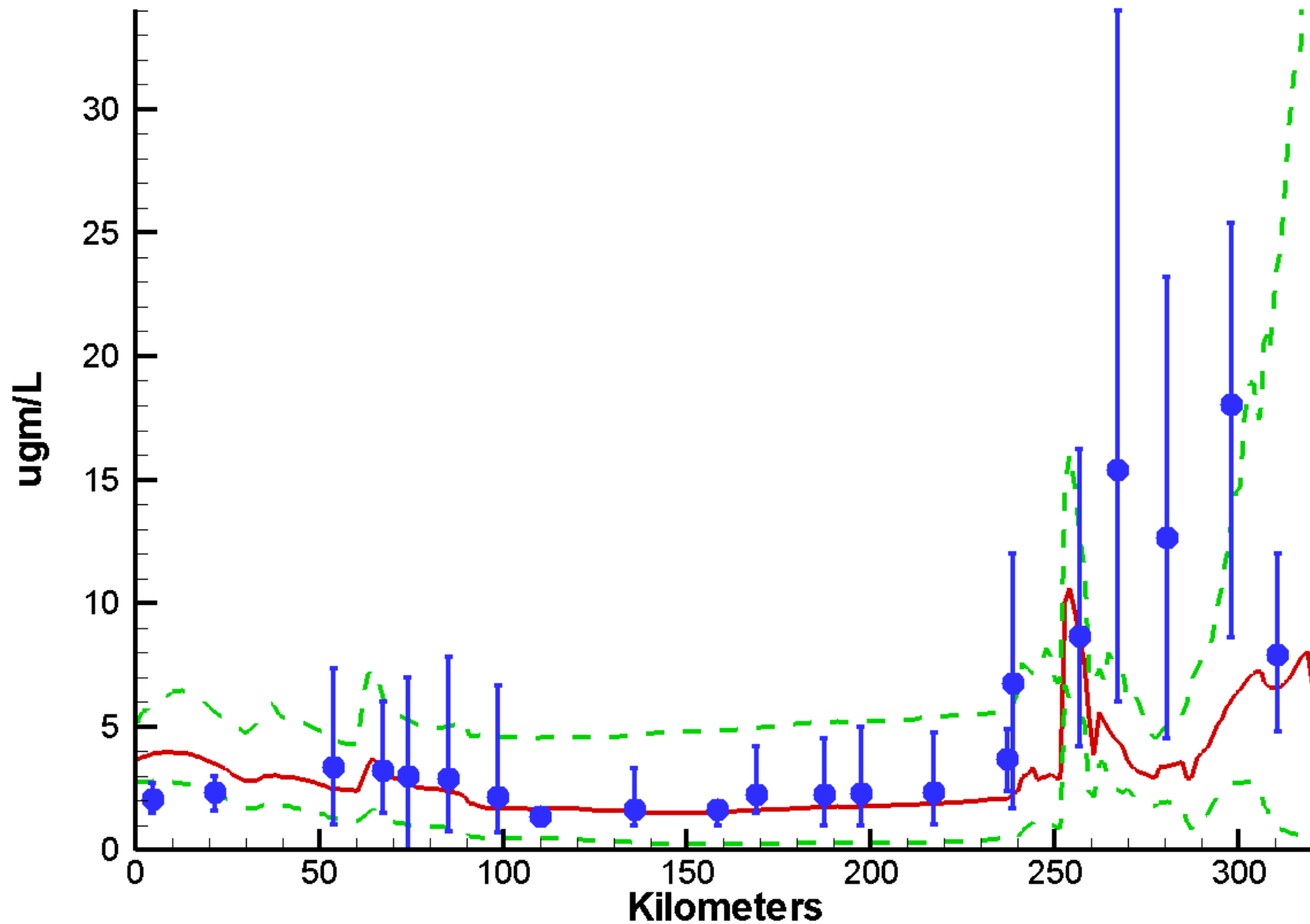
# Mainstem Bay Ches2015 Run118

## Surface Total Suspended Solids Spring 1996



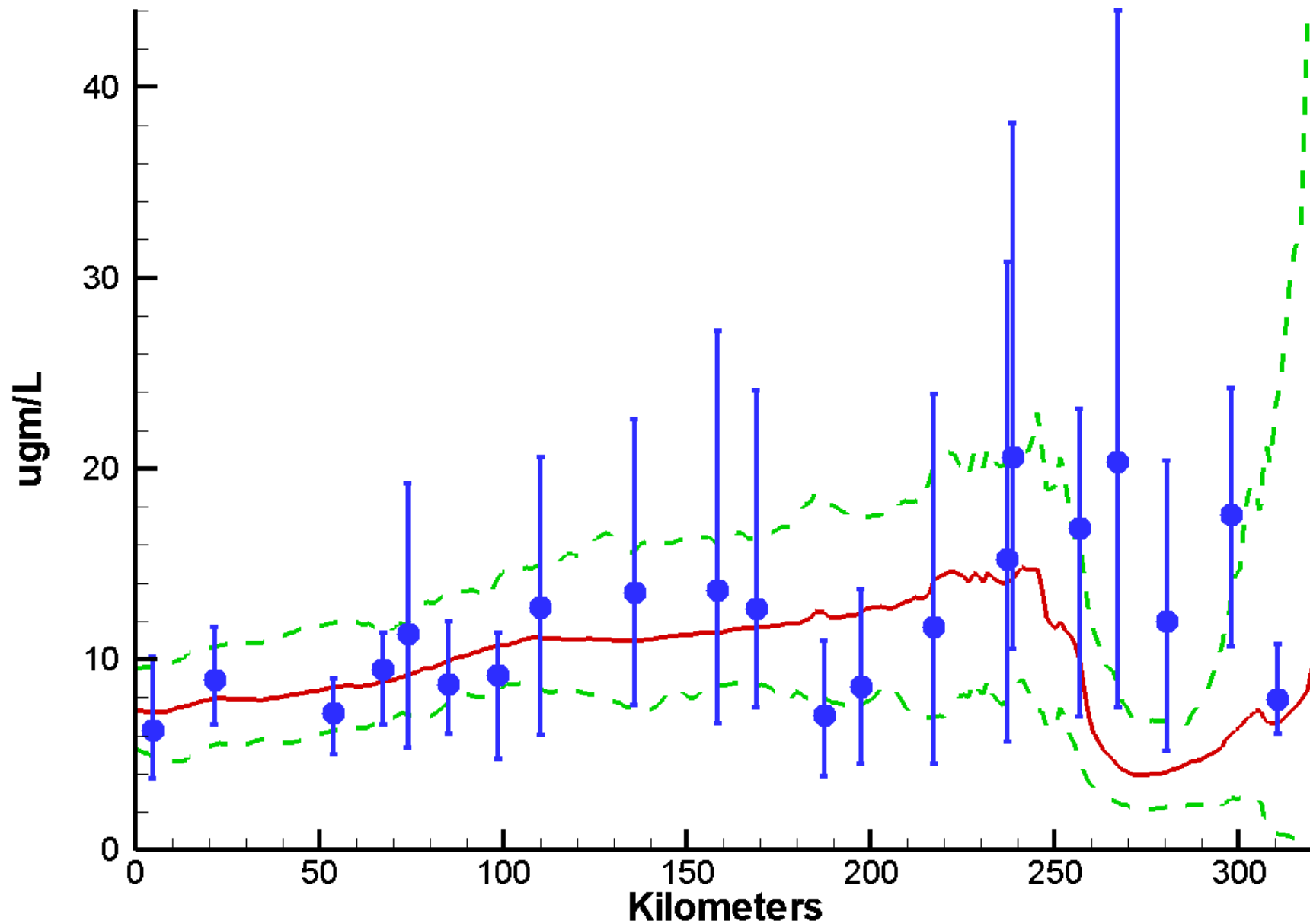
# Mainstem Bay Ches2015 Run118

## Bottom Chlorophyll Summer 1996



# Mainstem Bay Ches2015 Run118

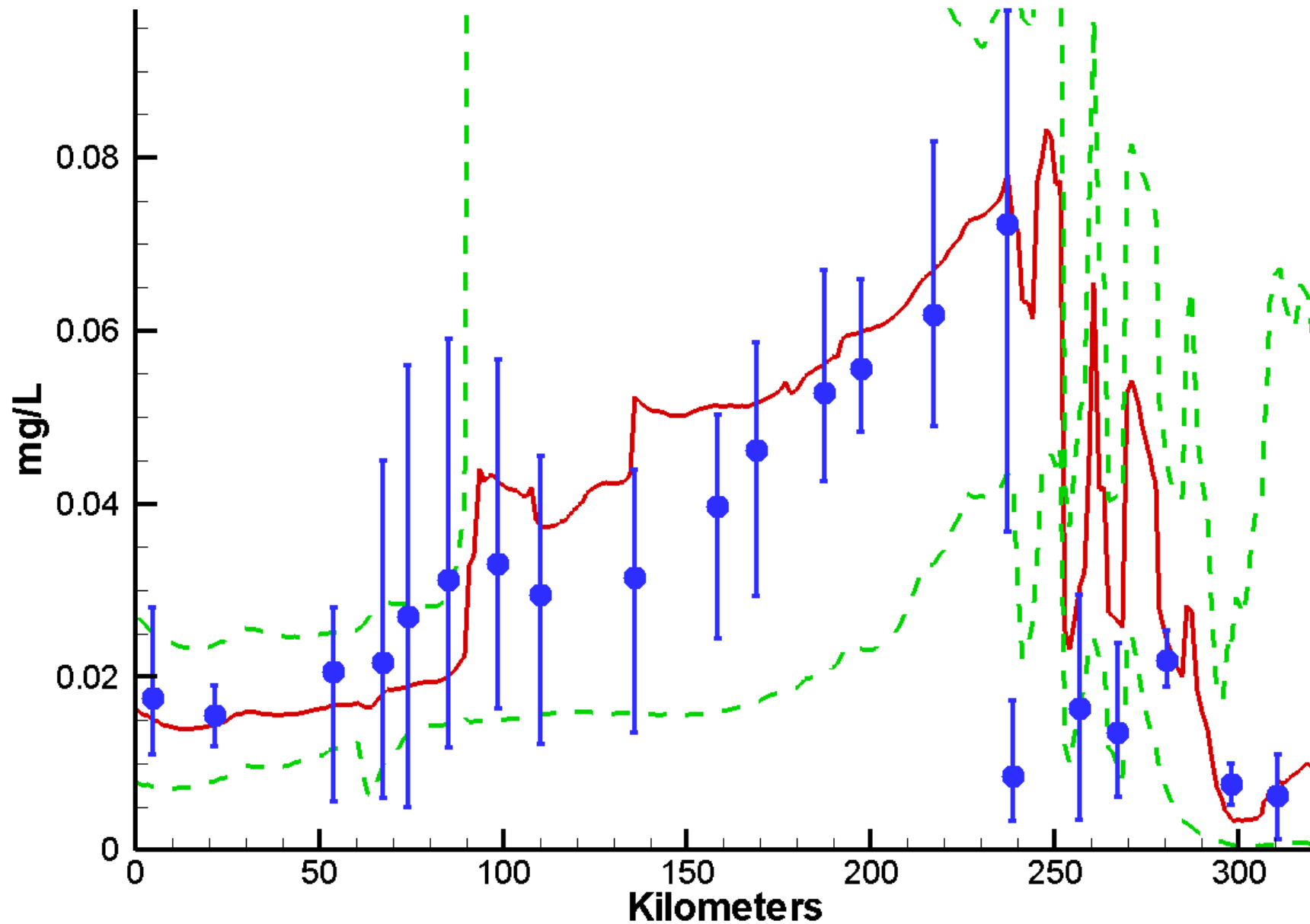
## Surface Chlorophyll Summer 1996





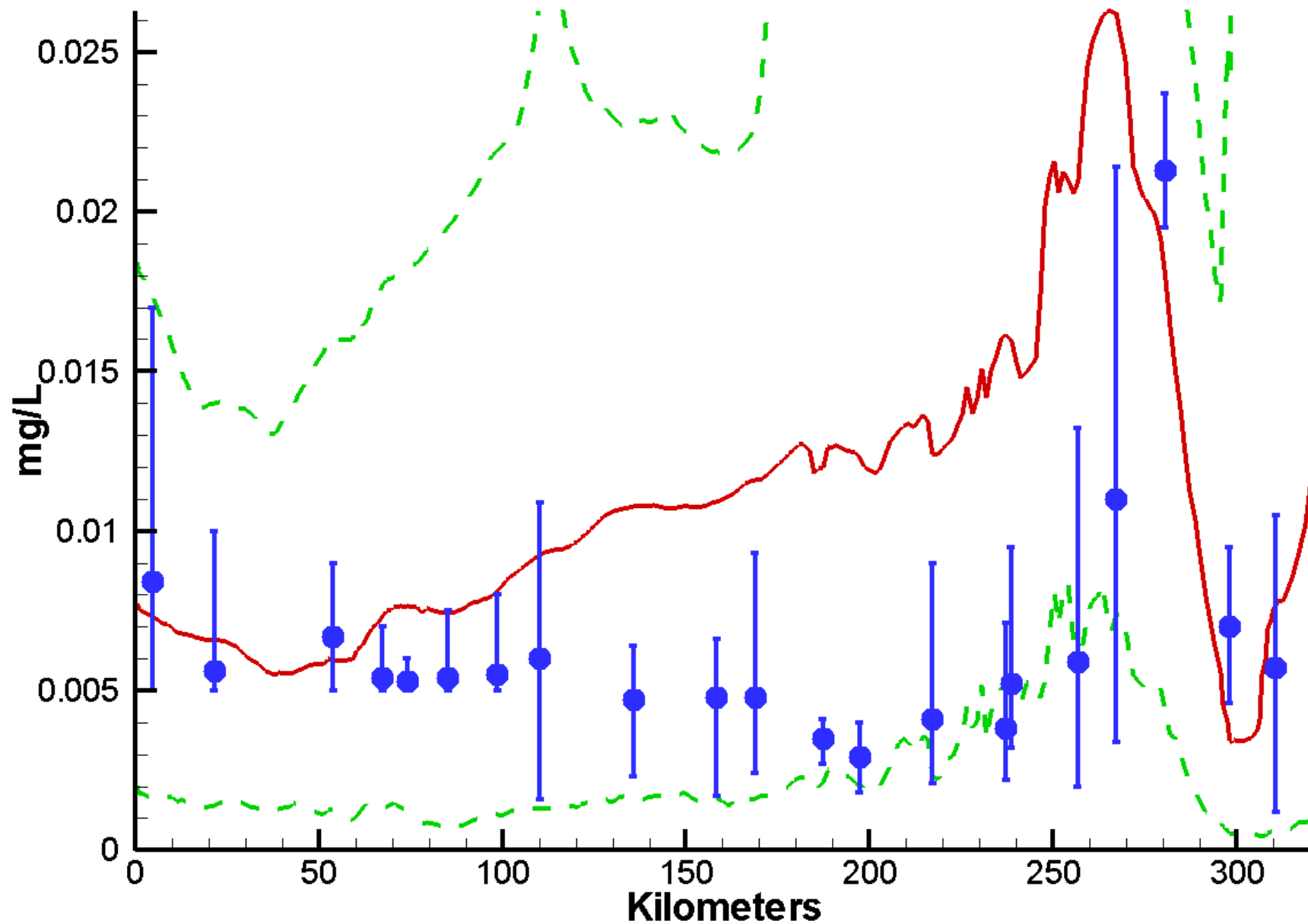
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1996



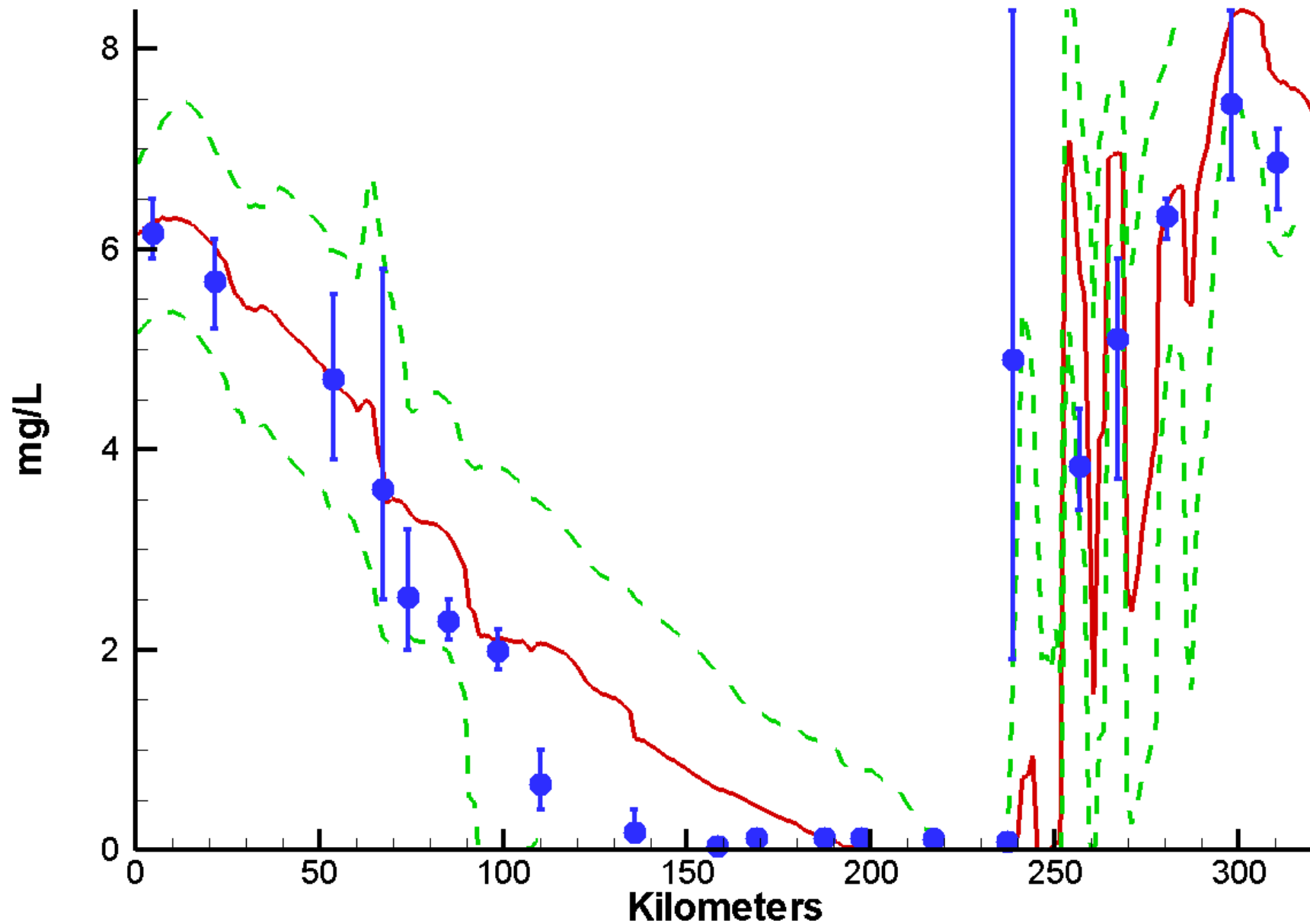
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Phosphate Summer 1996



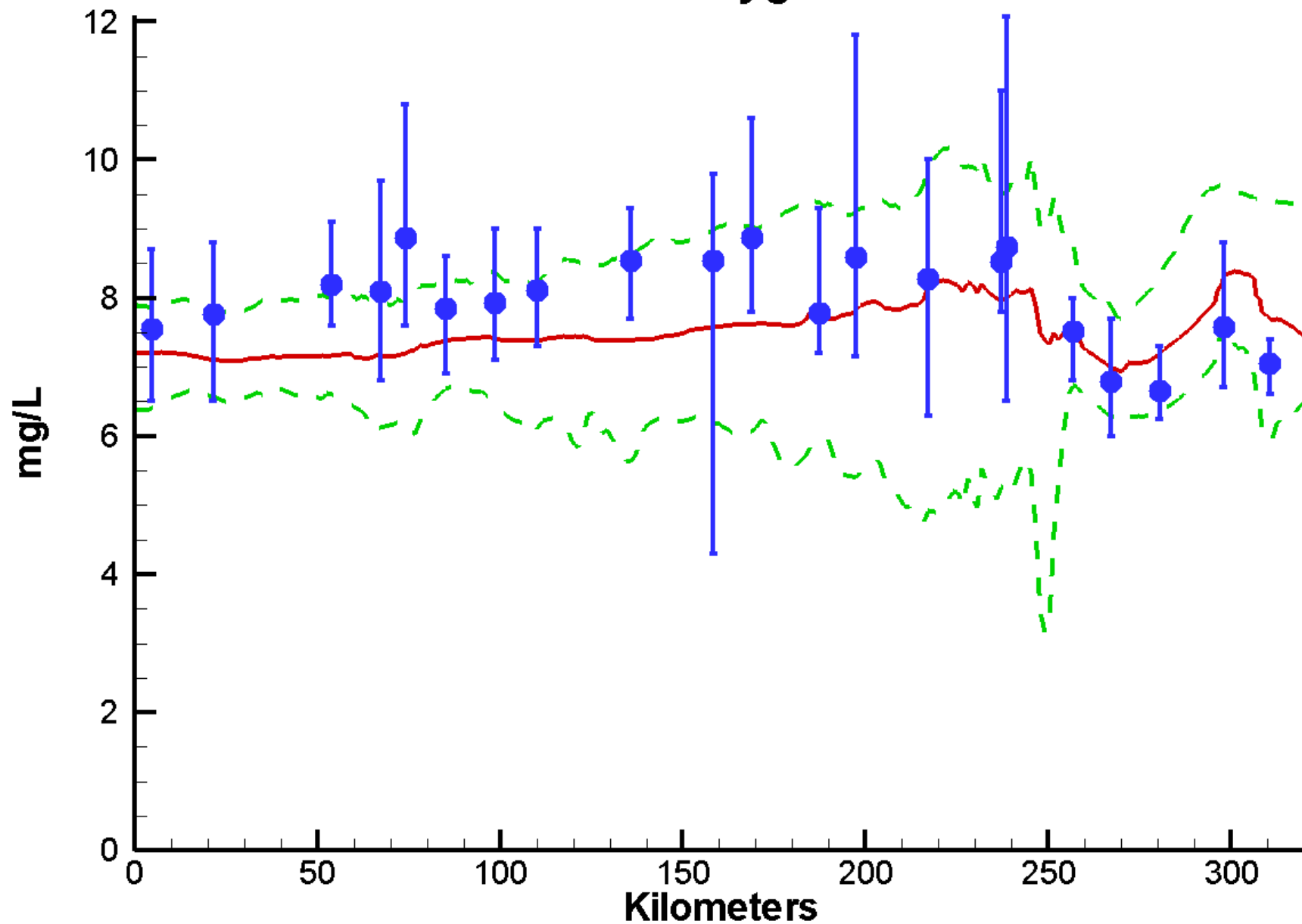
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1996



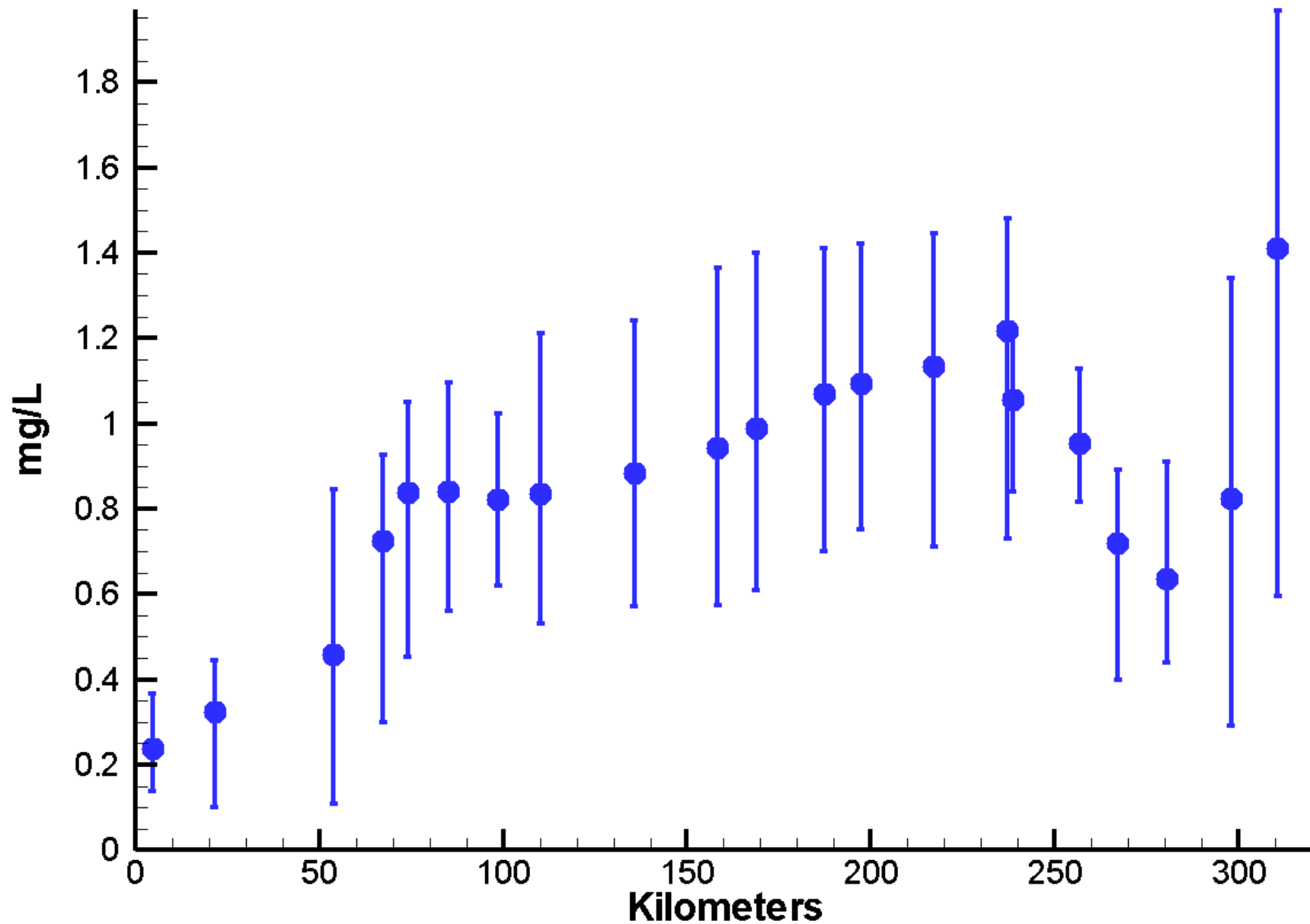
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Oxygen Summer 1996



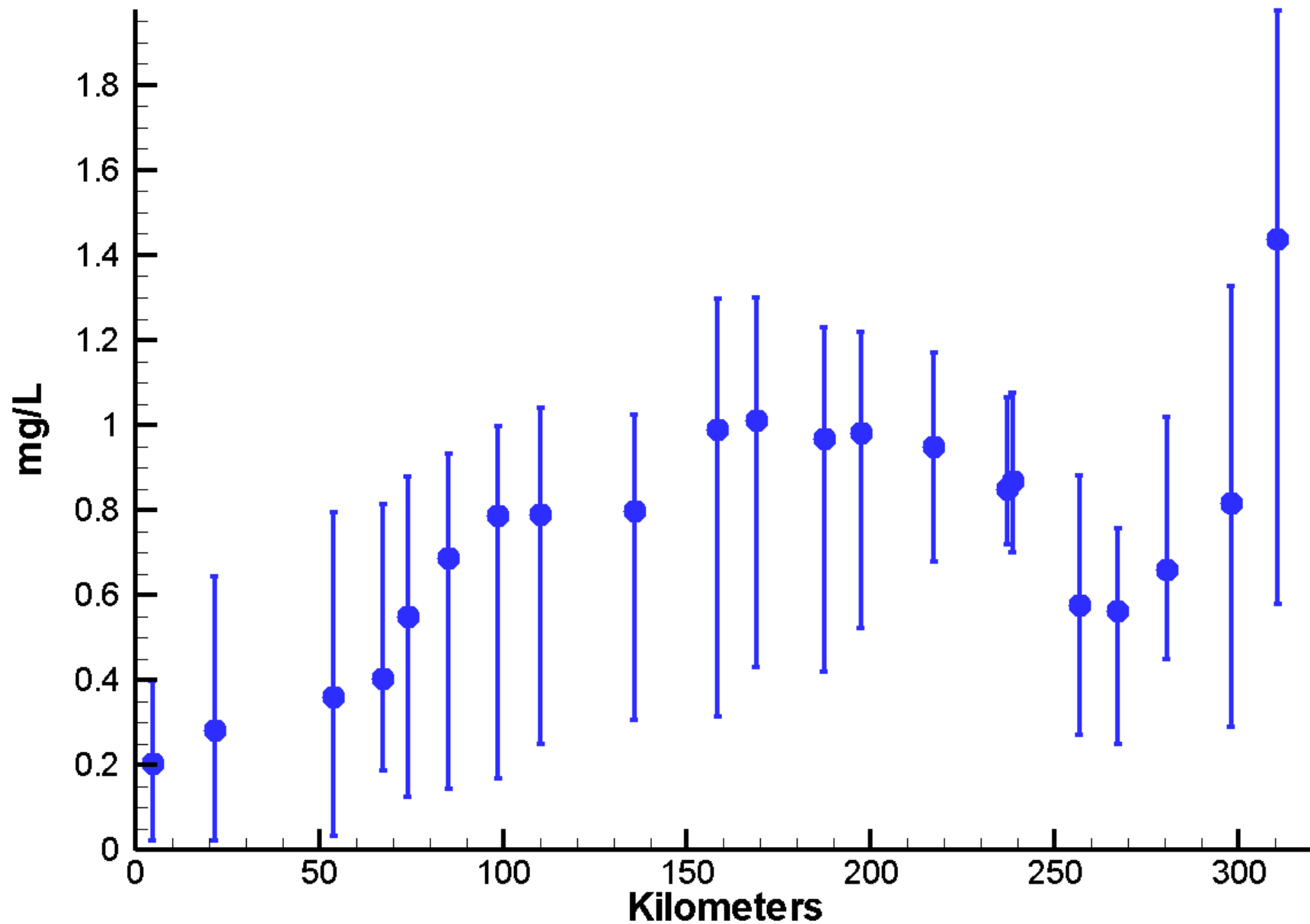
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Silica Summer 1996



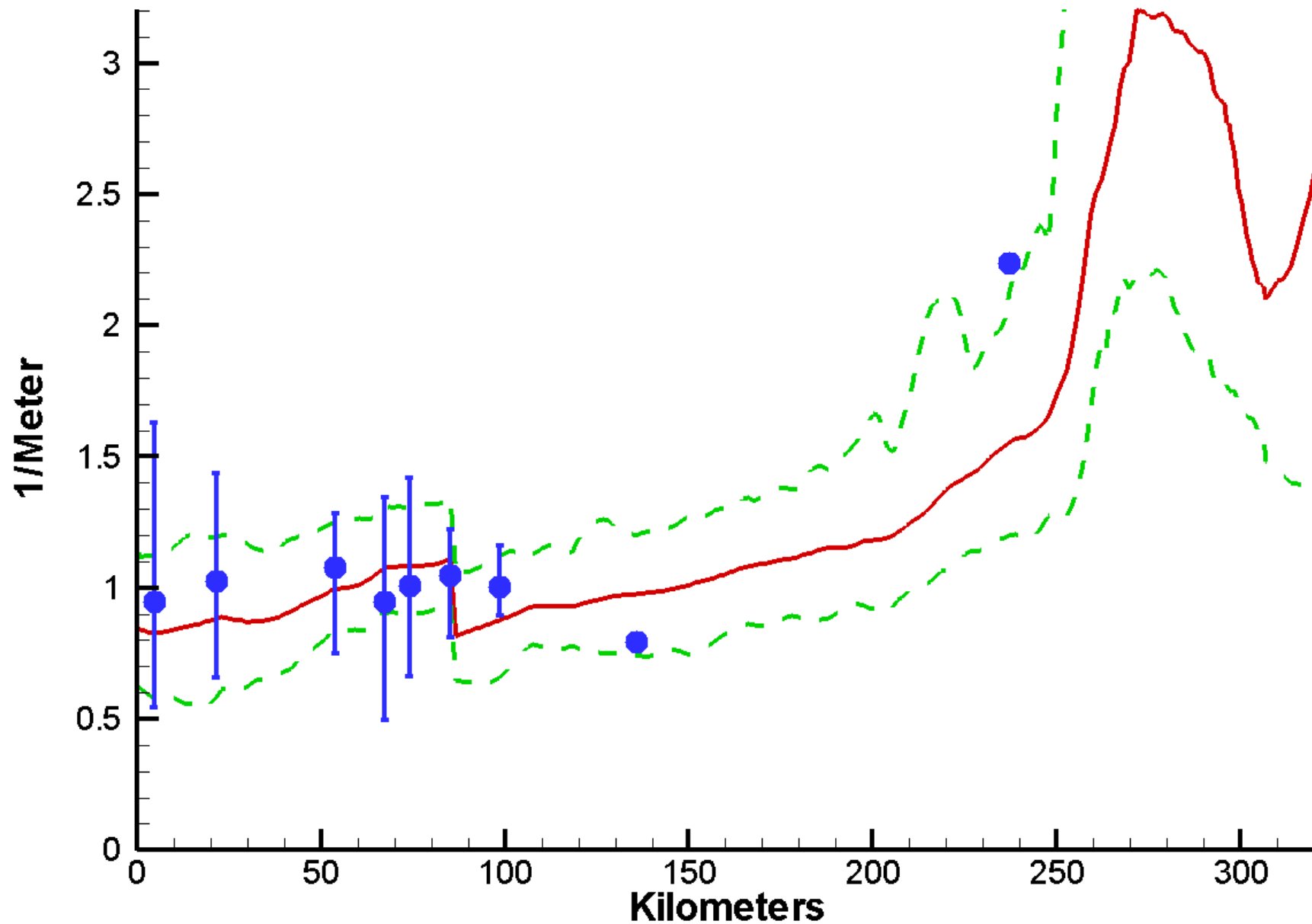
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Silica Summer 1996



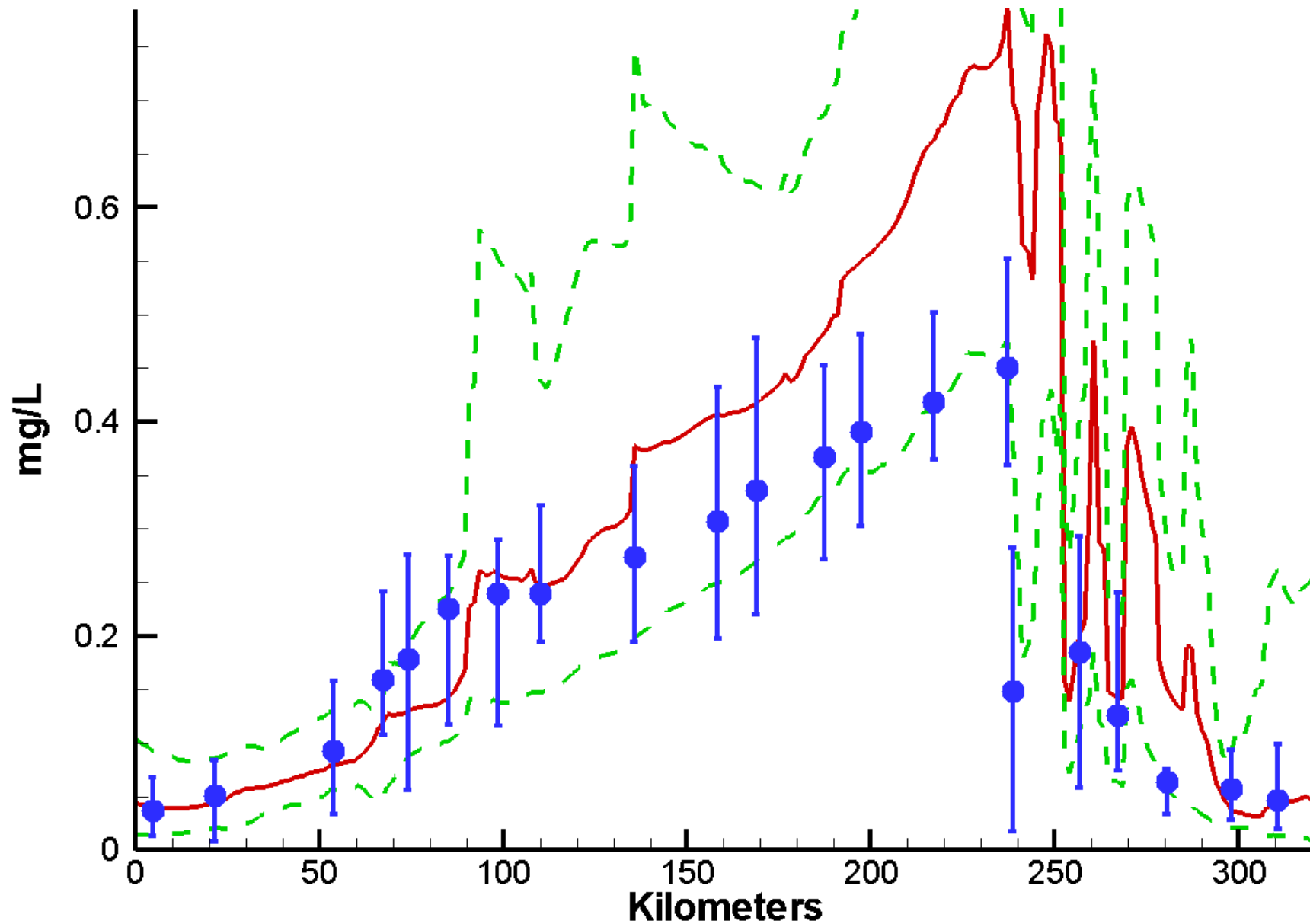
# Mainstem Bay Ches2015 Run118

## Surface Light Extinction Summer 1996



# Mainstem Bay Ches2015 Run118

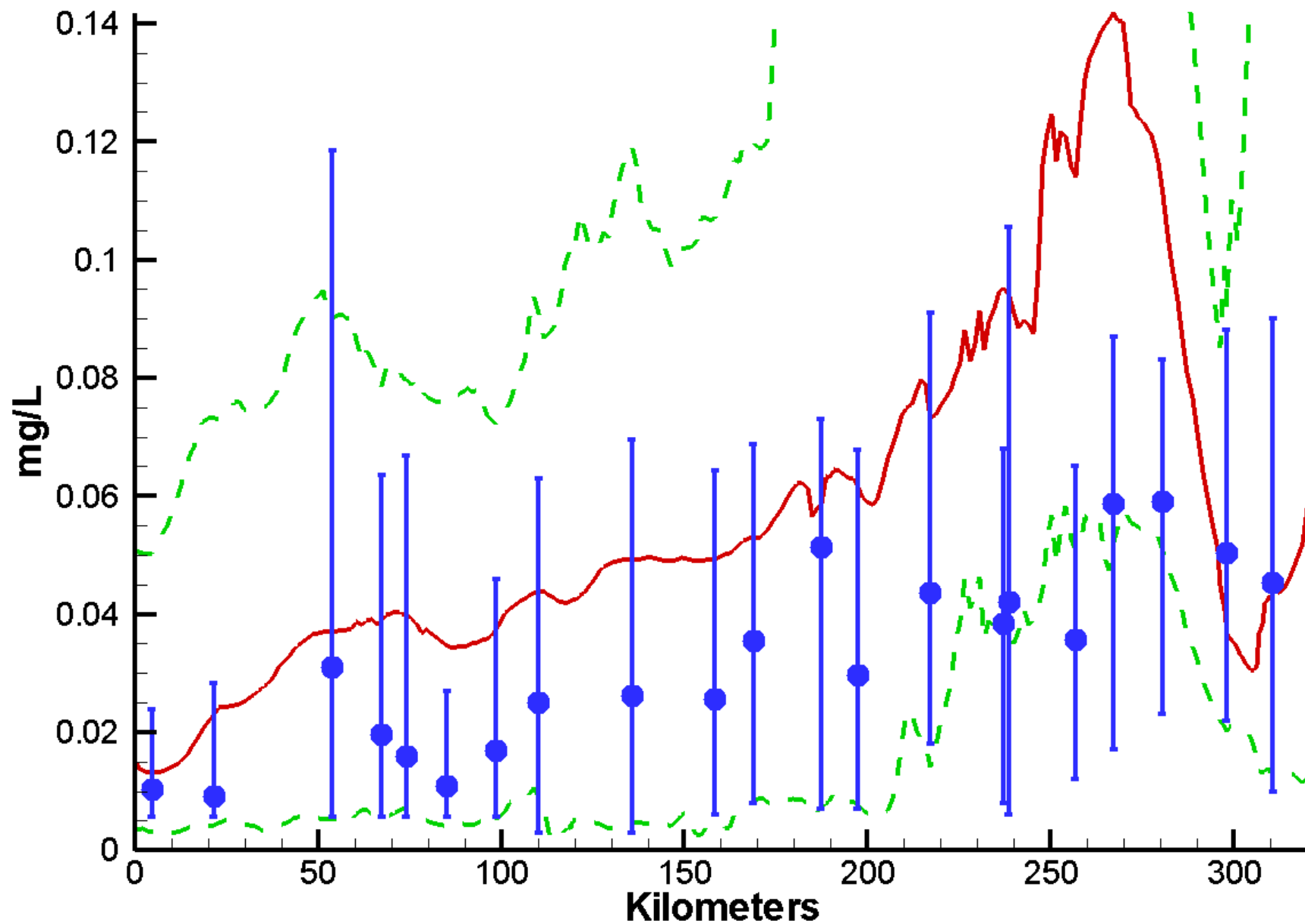
## Bottom Ammonium Summer 1996





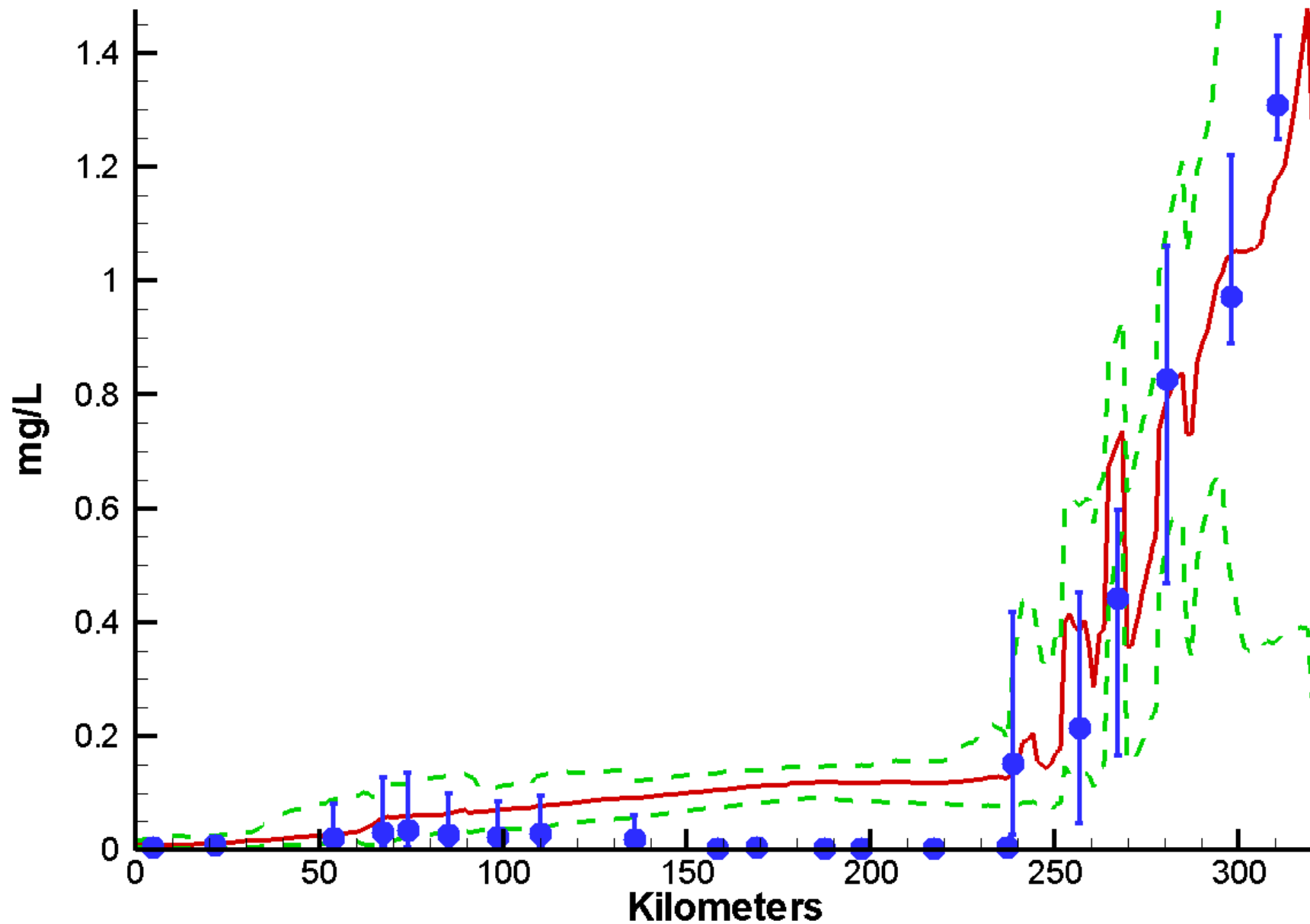
# Mainstem Bay Ches2015 Run118

## Surface Ammonium Summer 1996



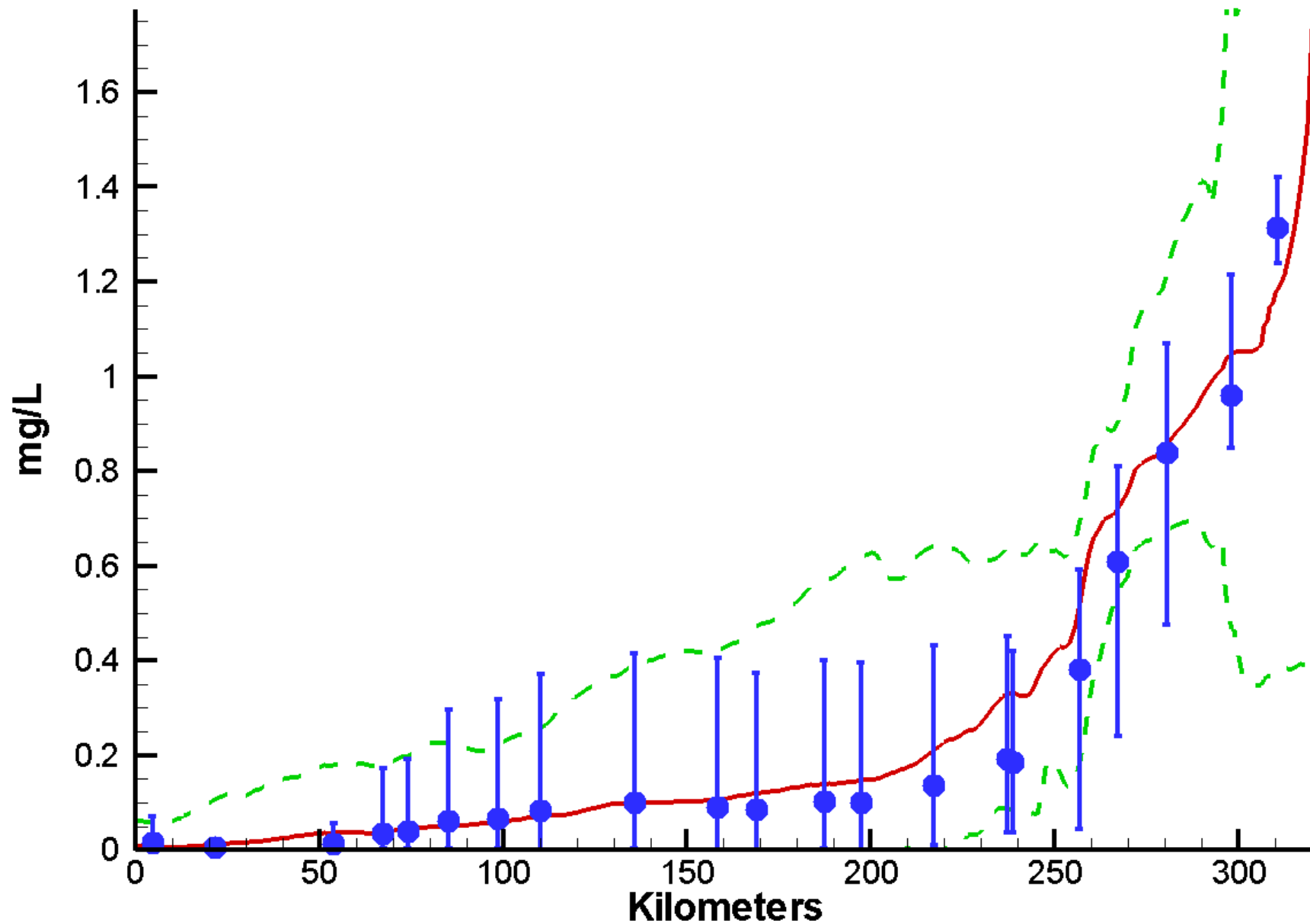
# Mainstem Bay Ches2015 Run118

## Bottom Nitrate Summer 1996



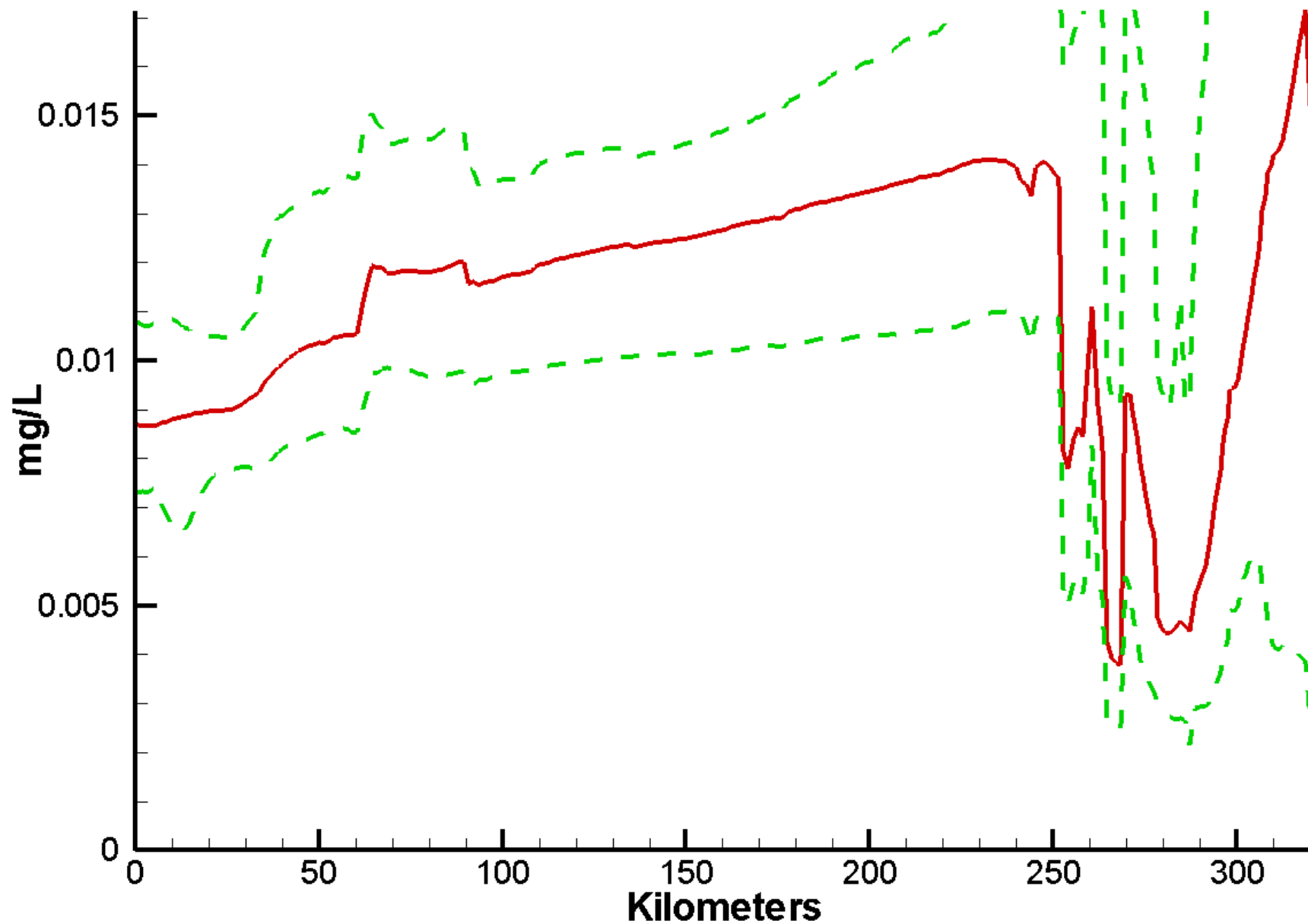
# Mainstem Bay Ches2015 Run118

## Surface Nitrate Summer 1996



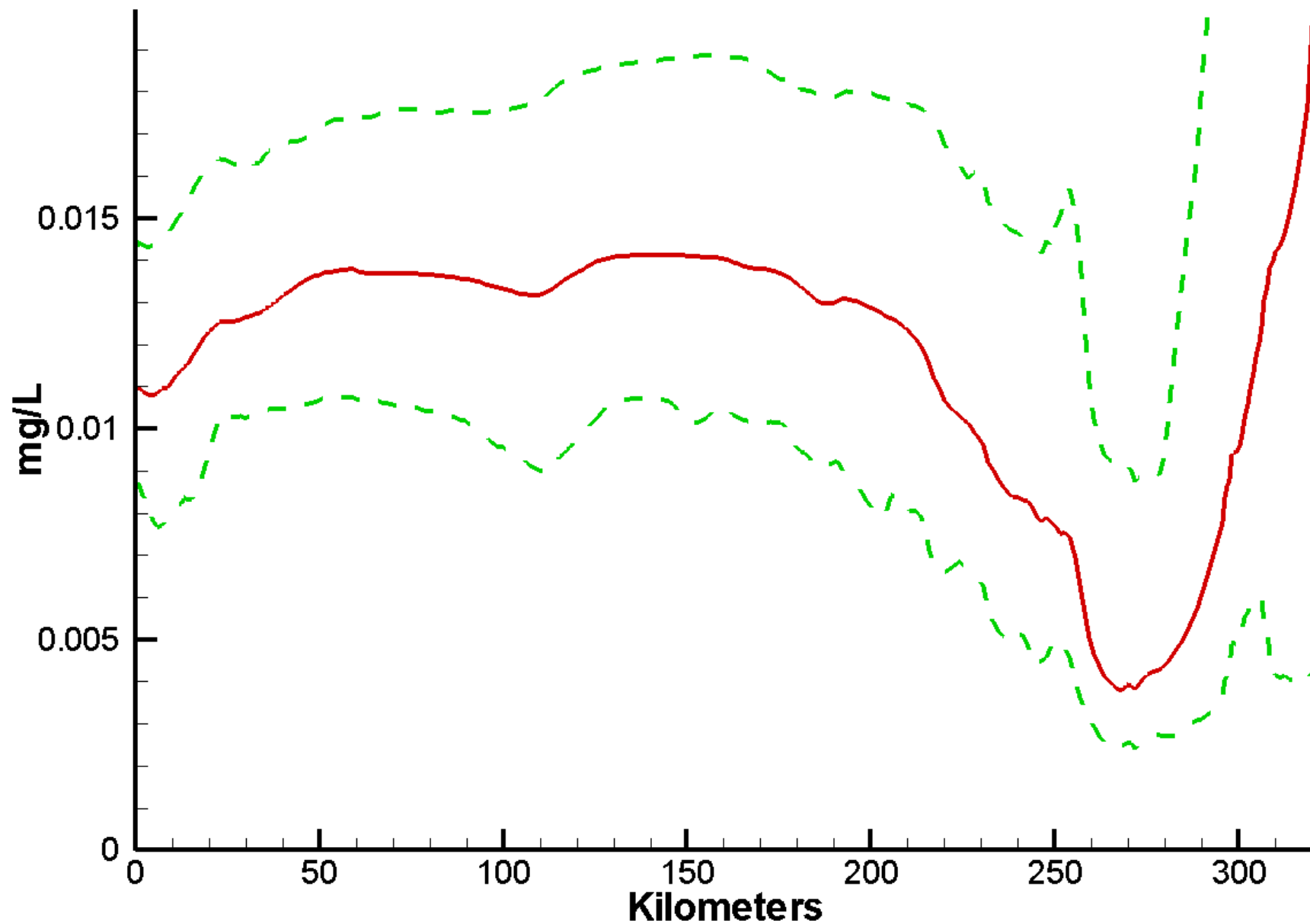
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Summer 199



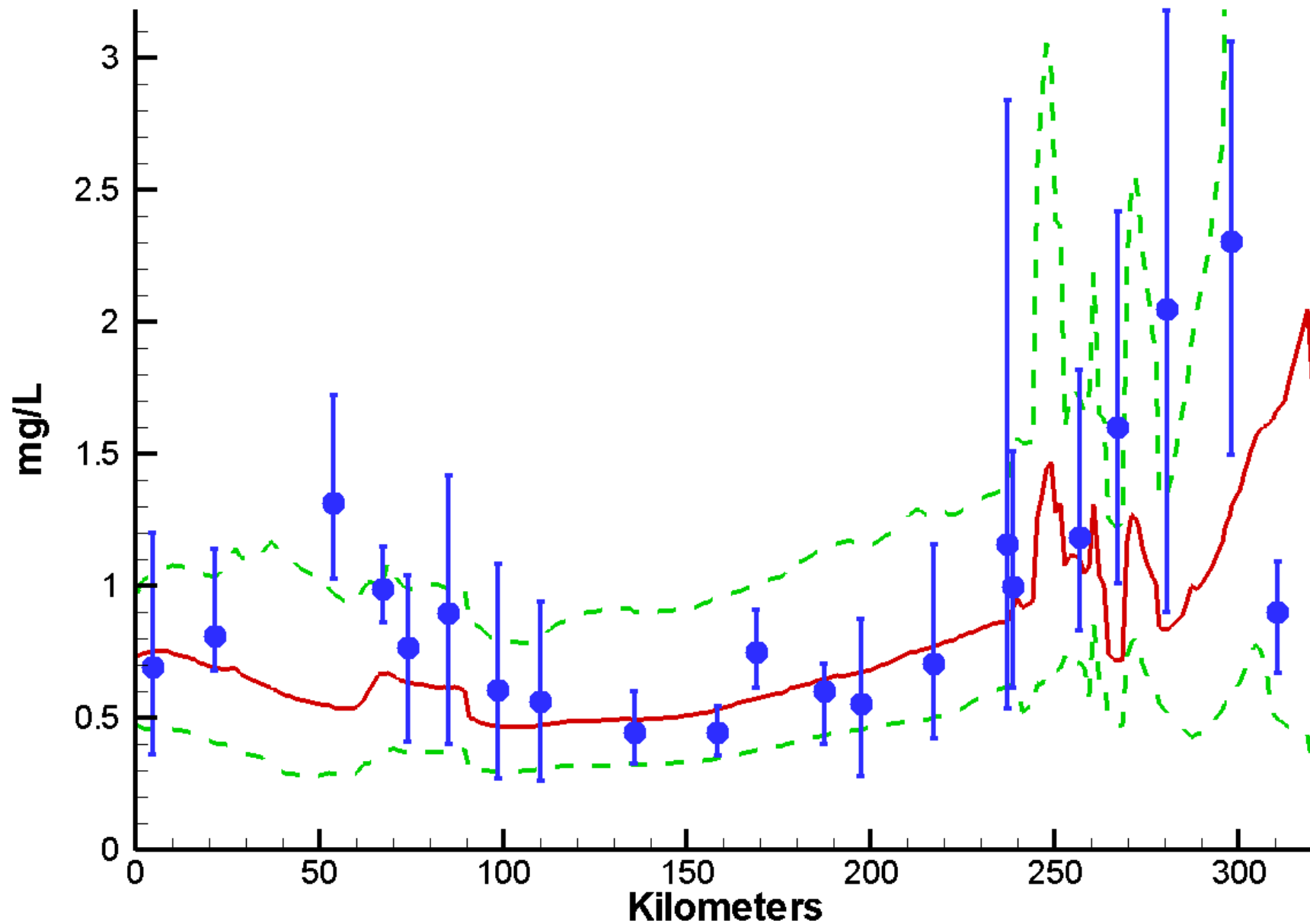
# Mainstem Bay Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



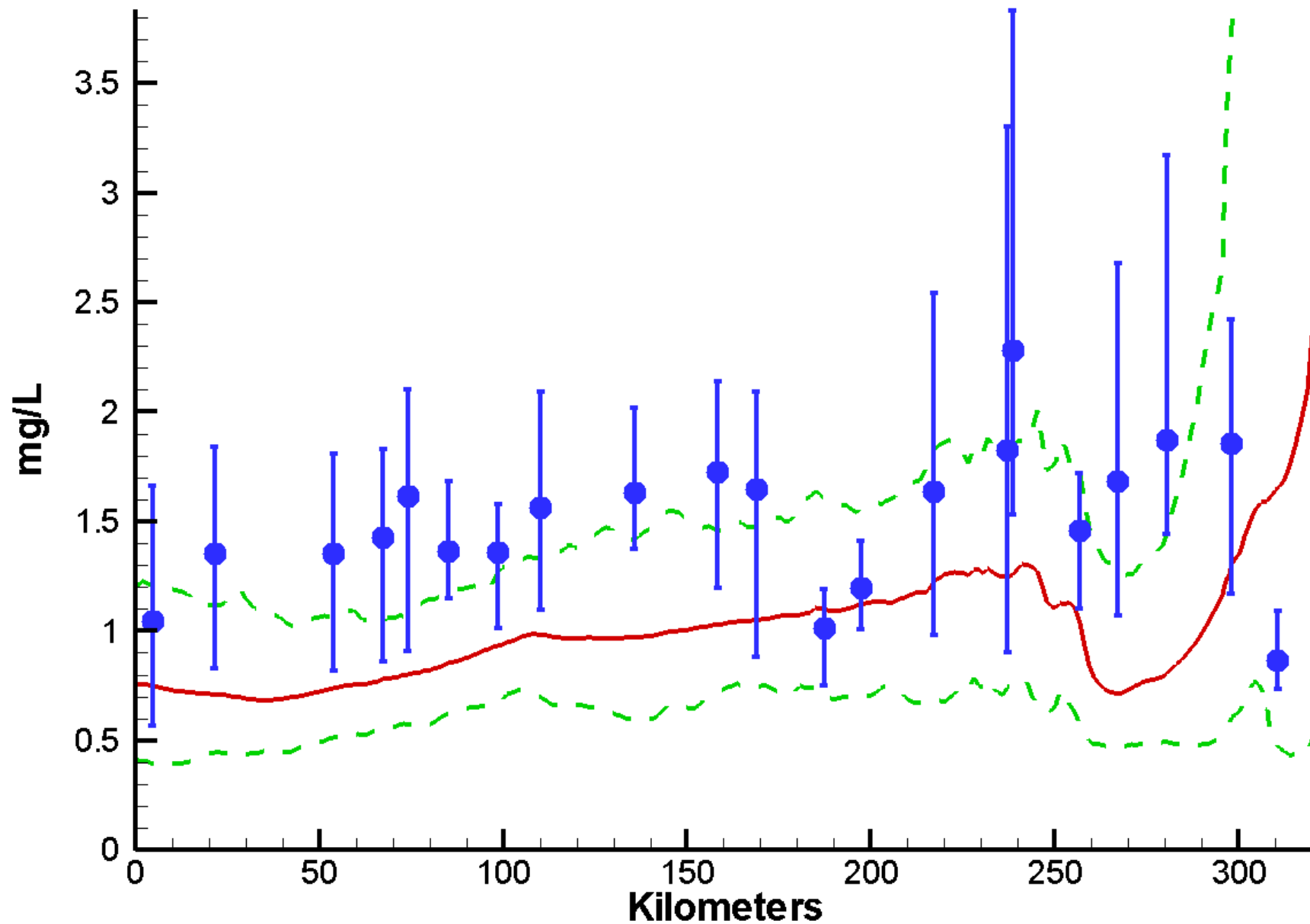
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1996



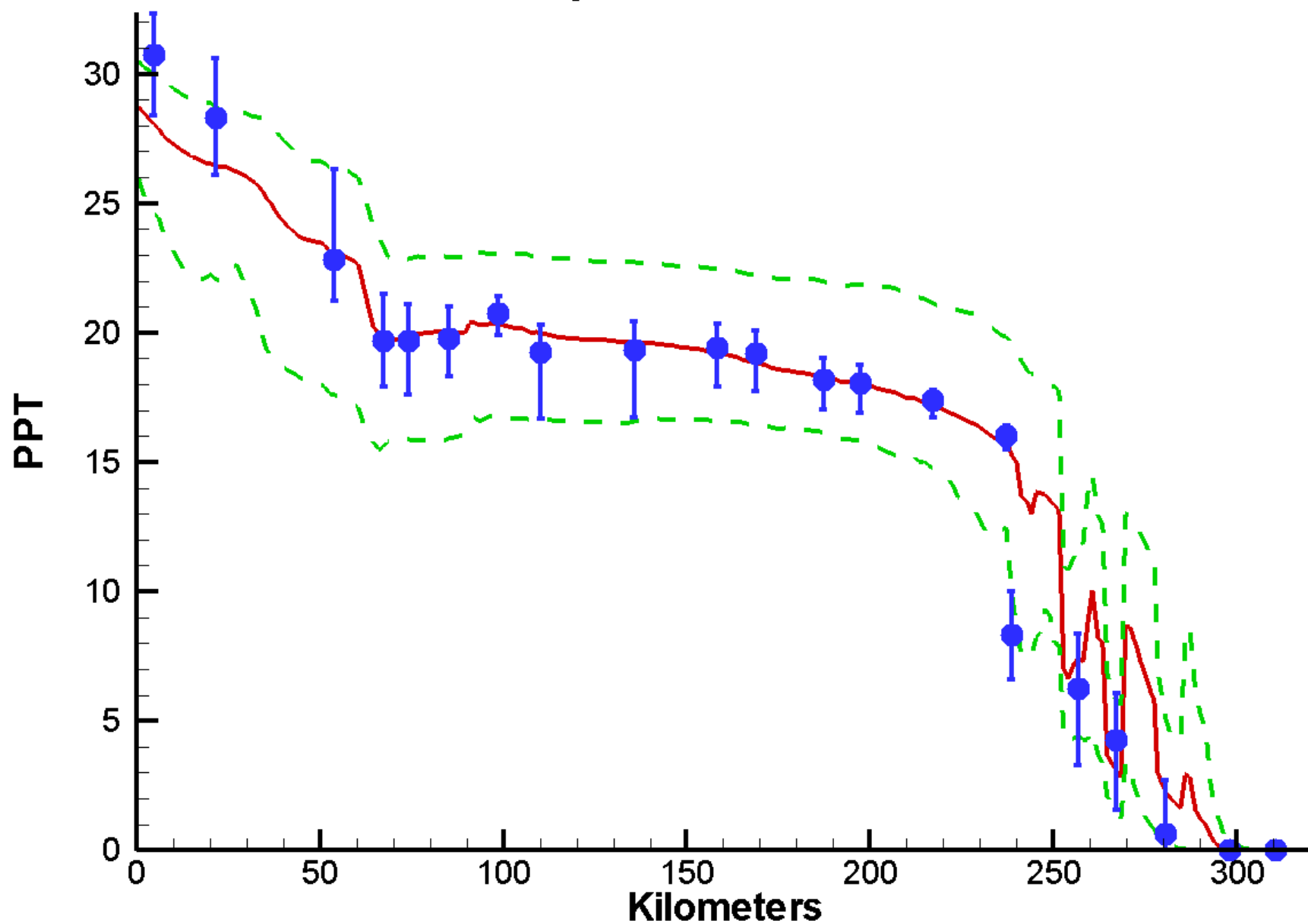
# Mainstem Bay Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1996



# Mainstem Bay Ches2015 Run118

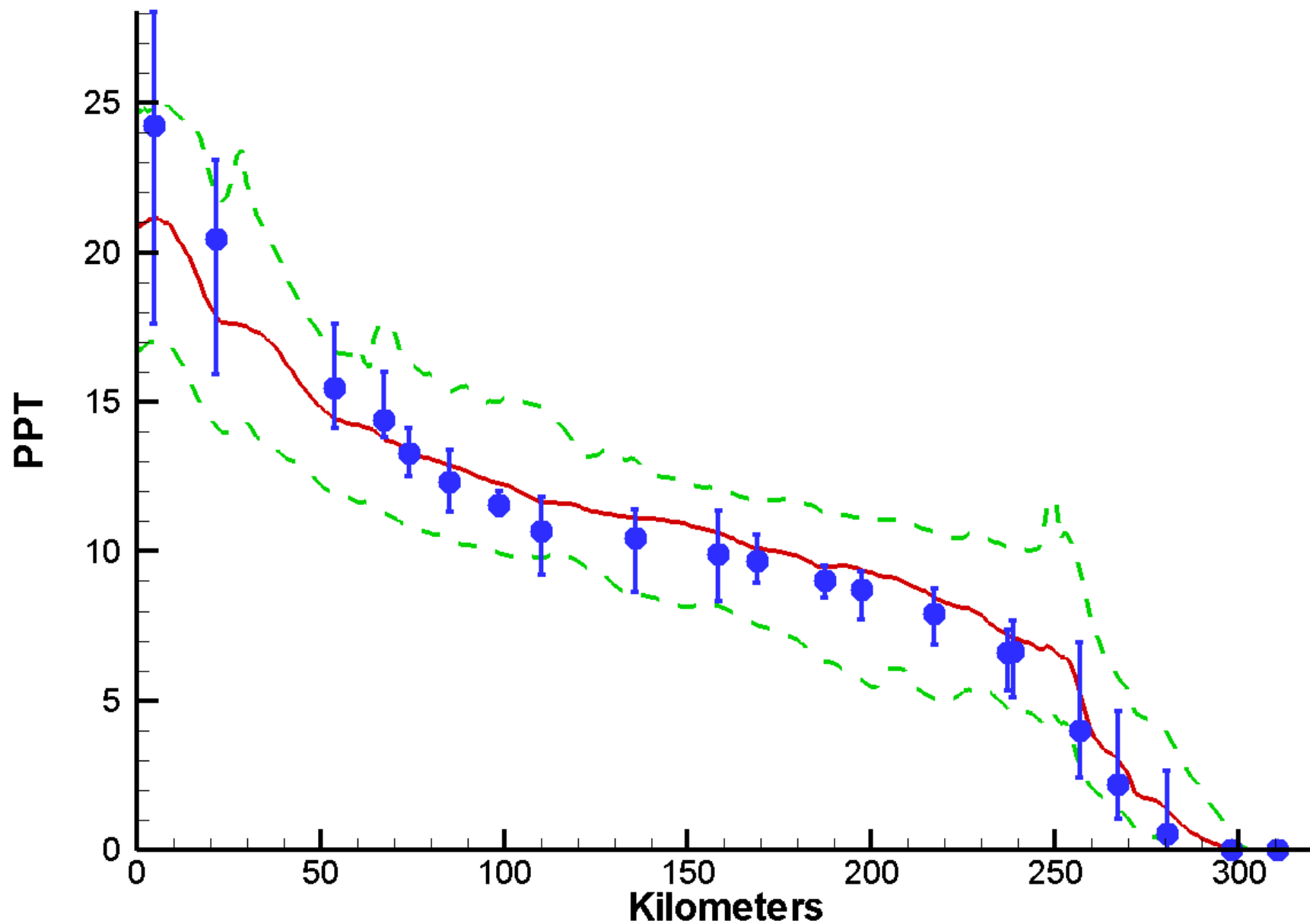
## Bottom Salinity Summer 1996





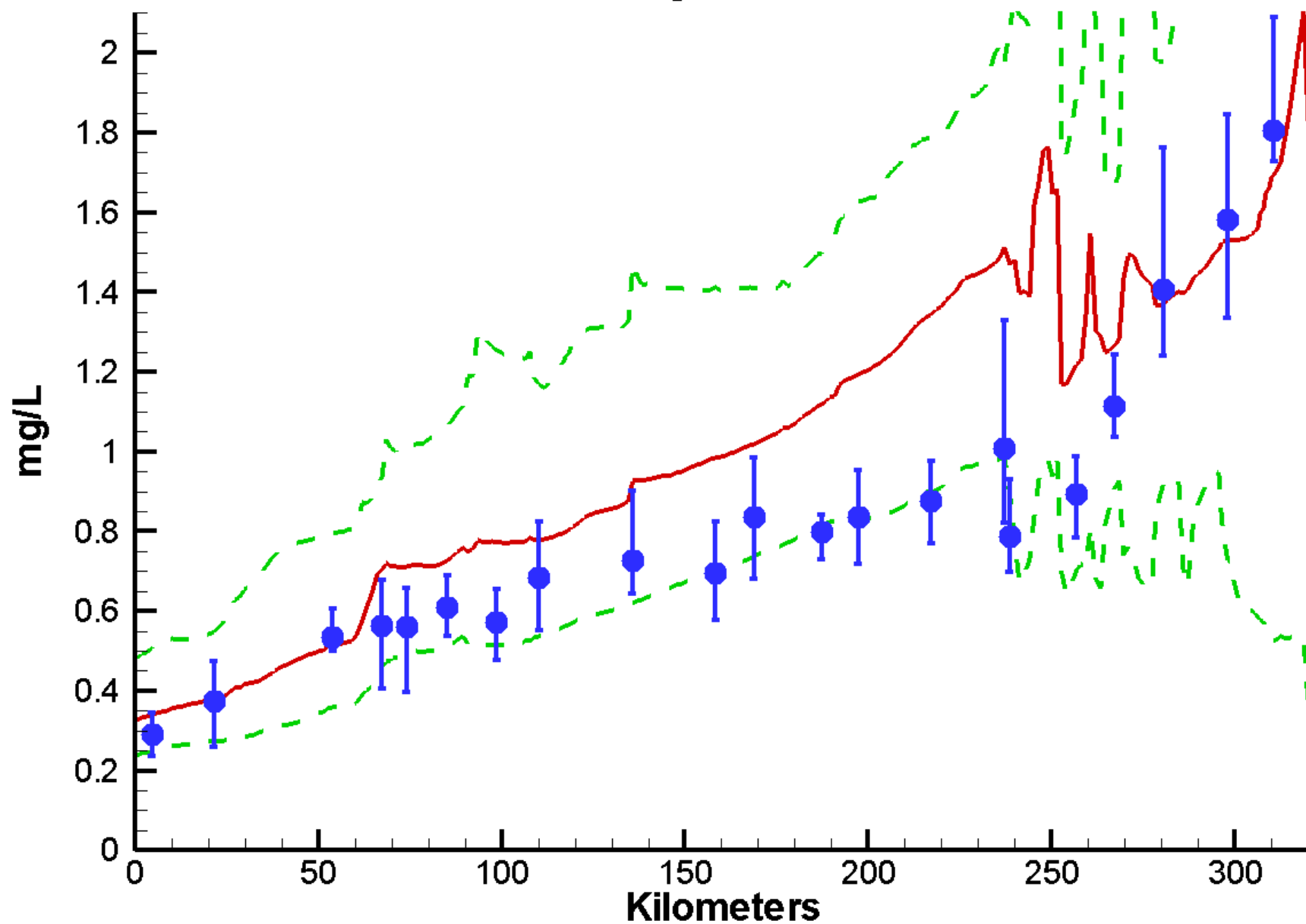
# Mainstem Bay Ches2015 Run118

## Surface Salinity Summer 1996



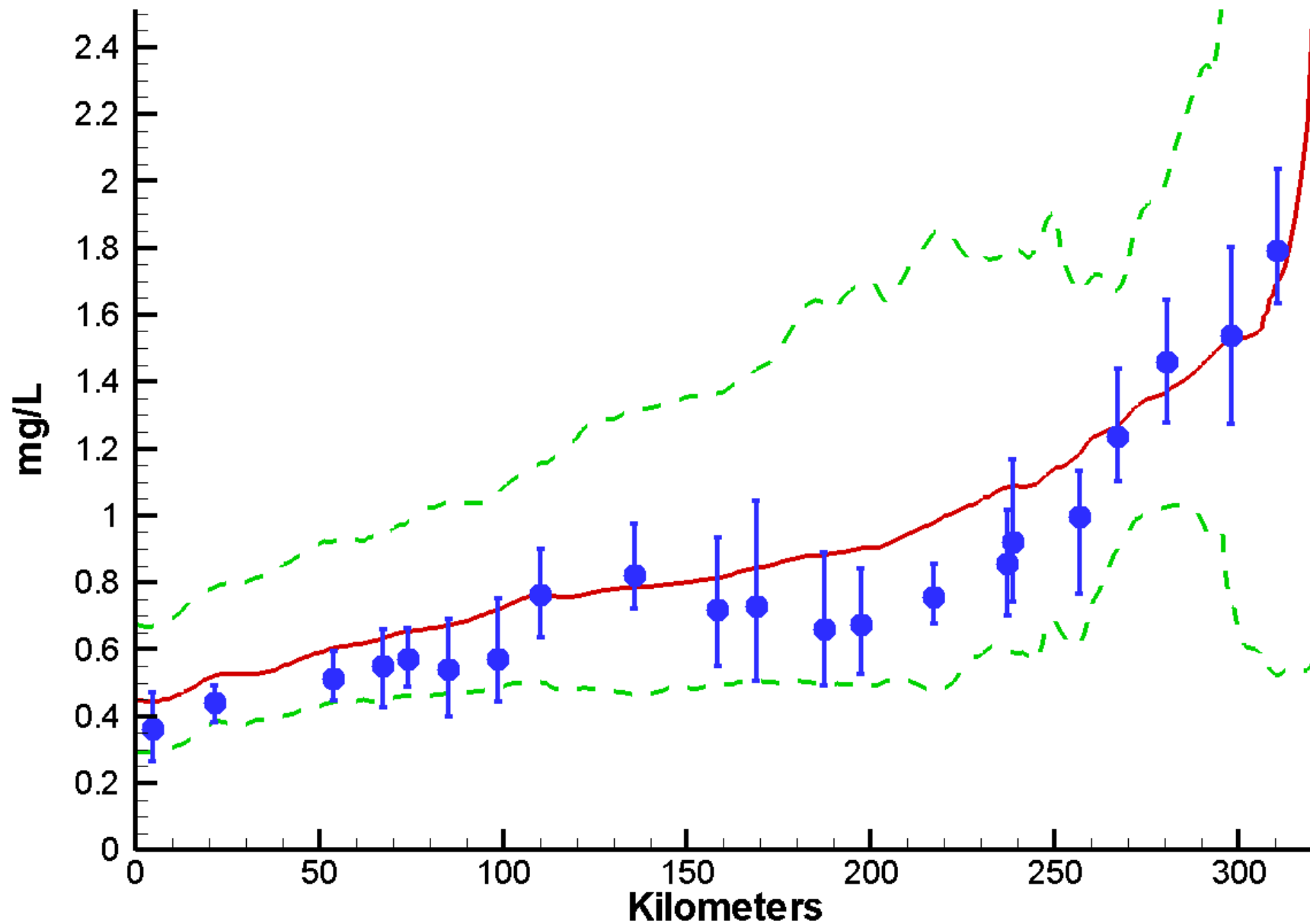
# Mainstem Bay Ches2015 Run118

## Bottom Total Nitrogen Summer 1996



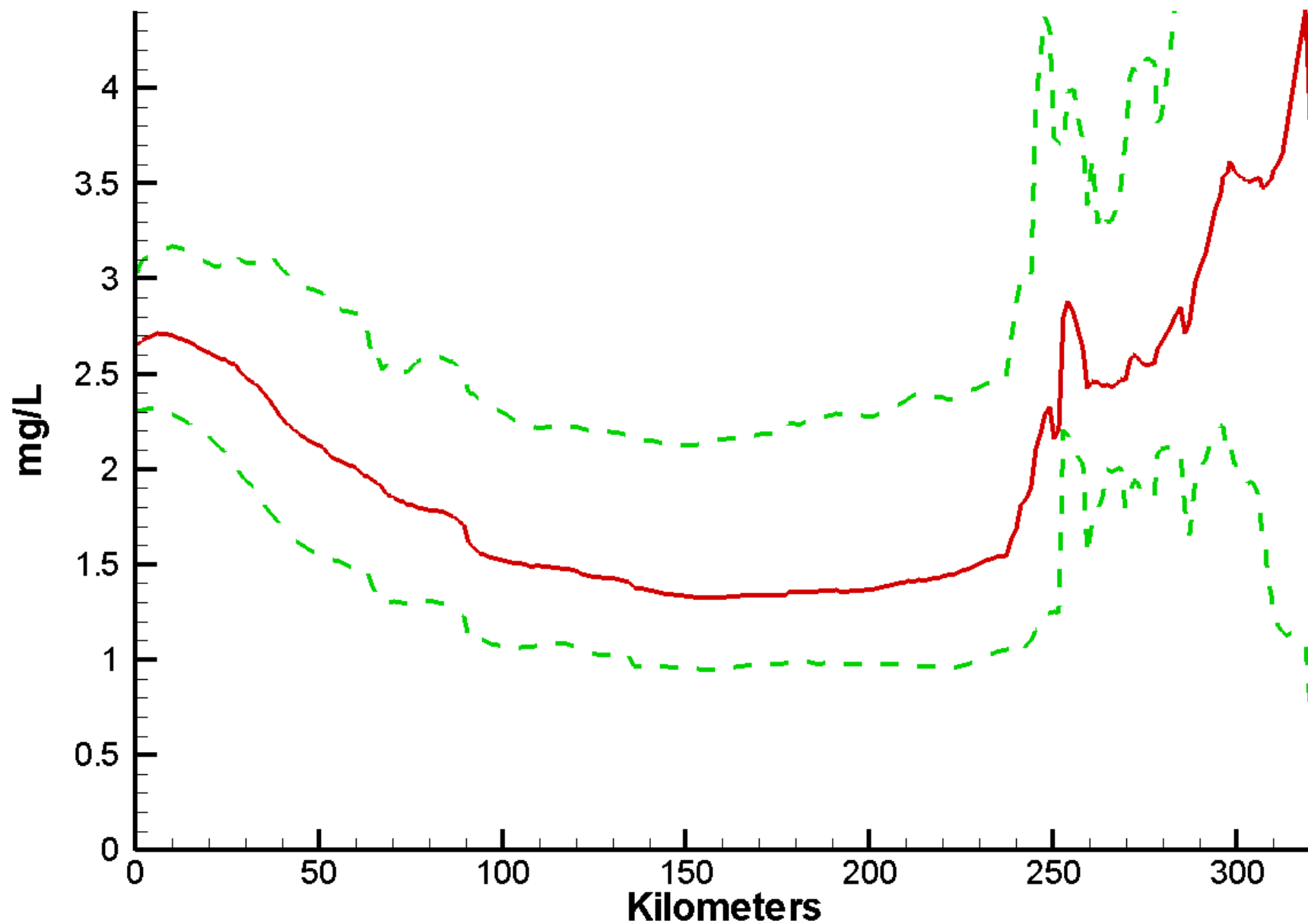
# Mainstem Bay Ches2015 Run118

## Surface Total Nitrogen Summer 1996



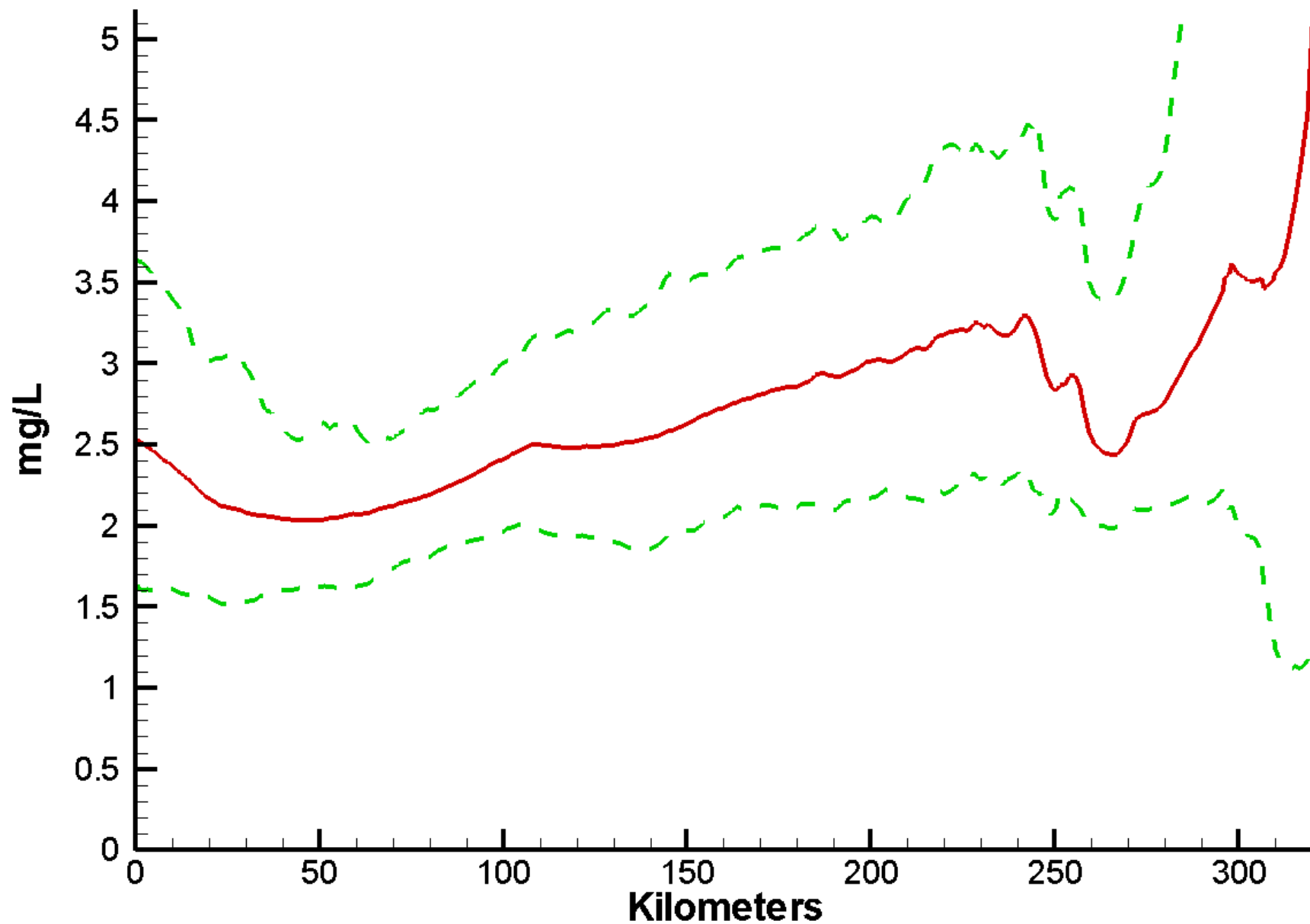
# Mainstem Bay Ches2015 Run118

## Bottom Total Organic Carbon Summer 1996



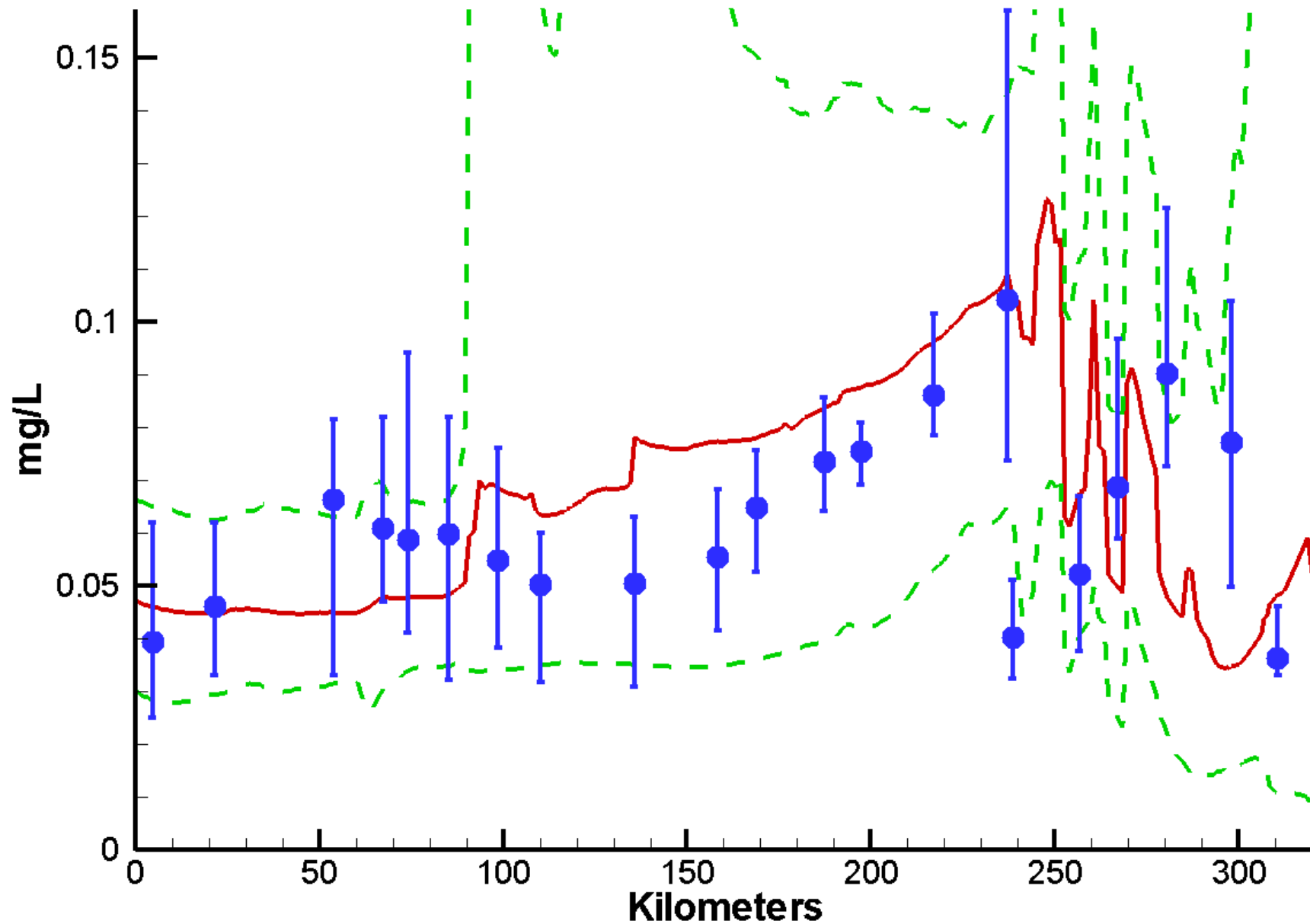
# Mainstem Bay Ches2015 Run118

## Surface Total Organic Carbon Summer 1996



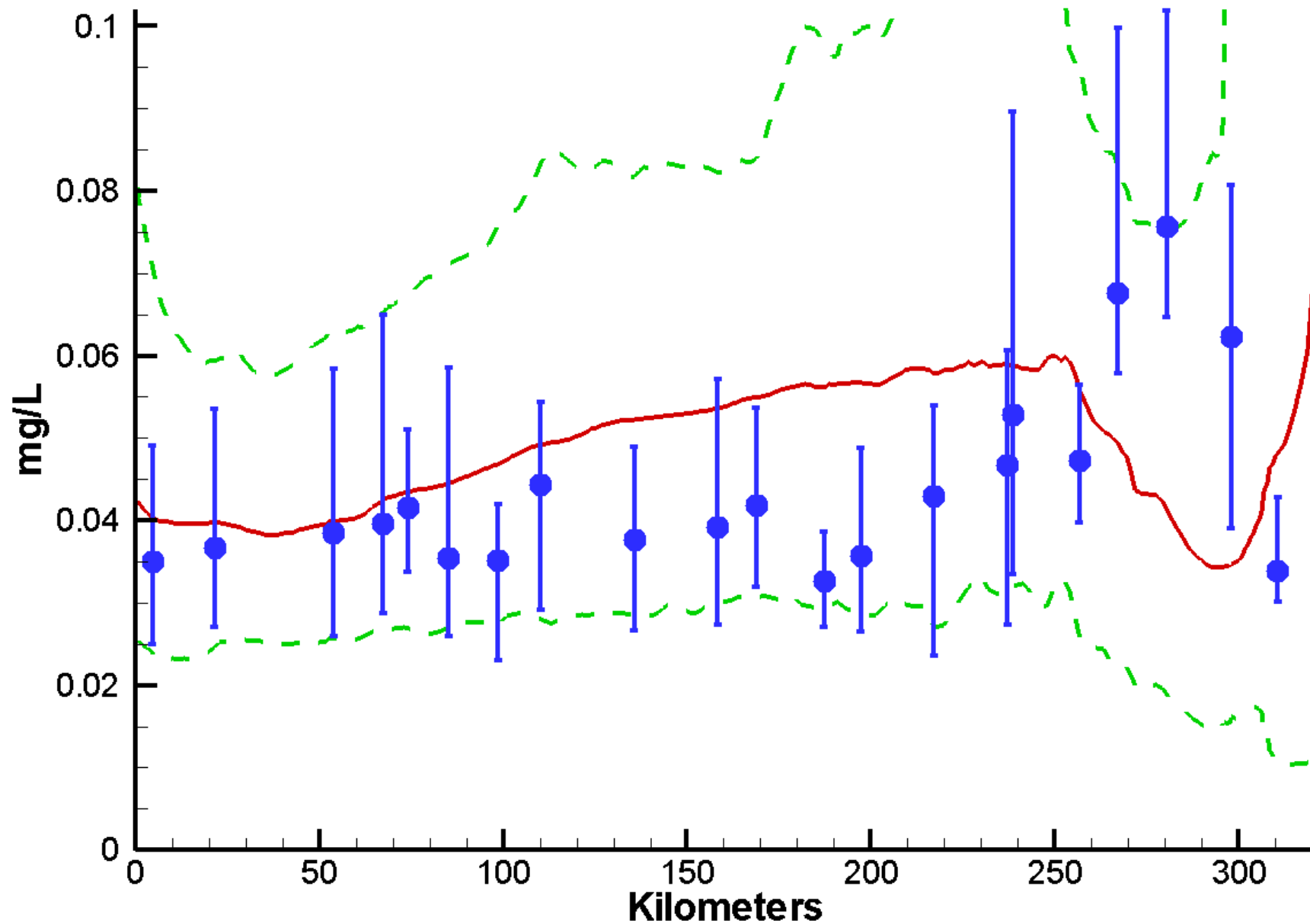
# Mainstem Bay Ches2015 Run118

## Bottom Total Phosphorus Summer 1996



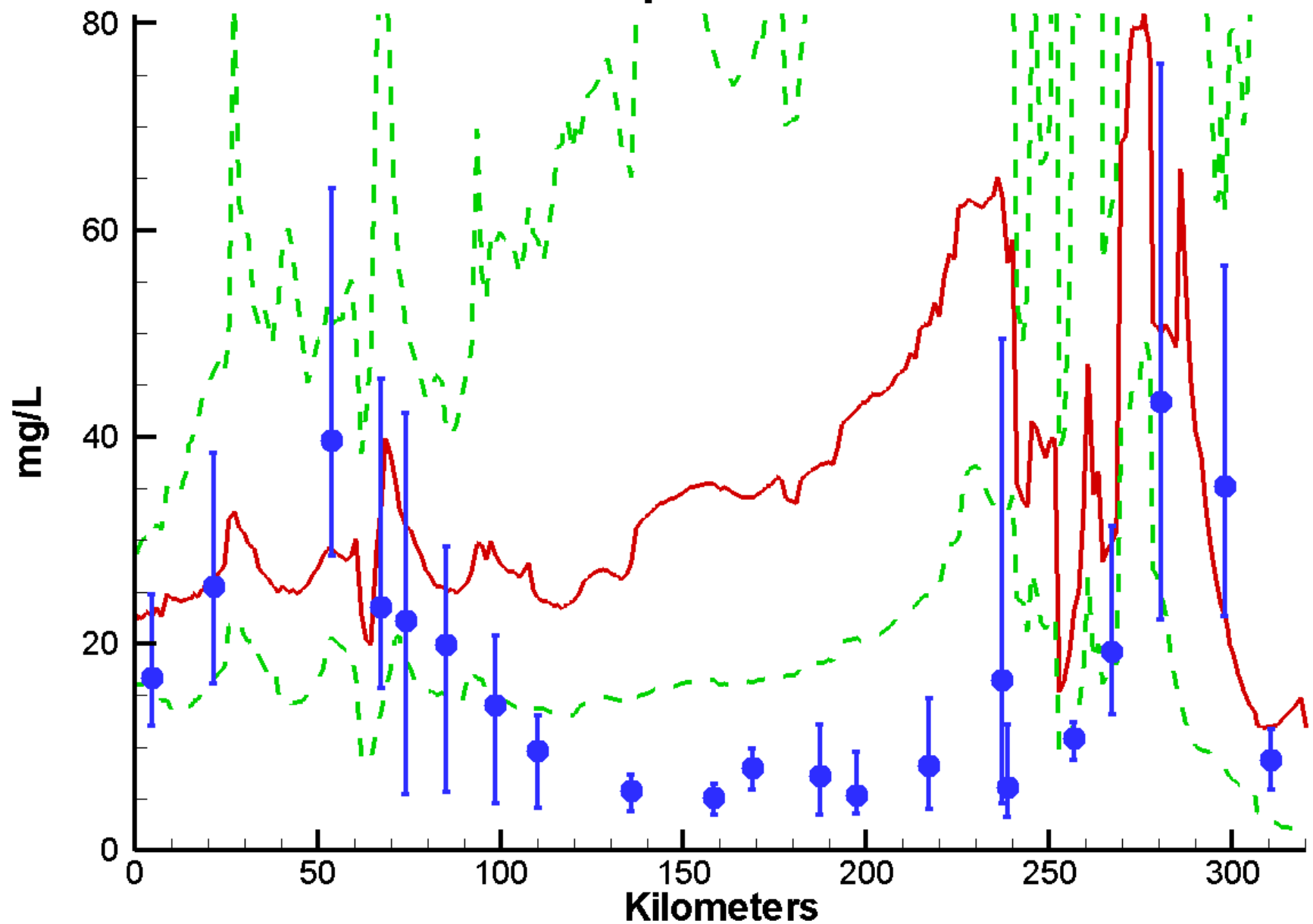
# Mainstem Bay Ches2015 Run118

## Surface Total Phosphorus Summer 1996



# Mainstem Bay Ches2015 Run118

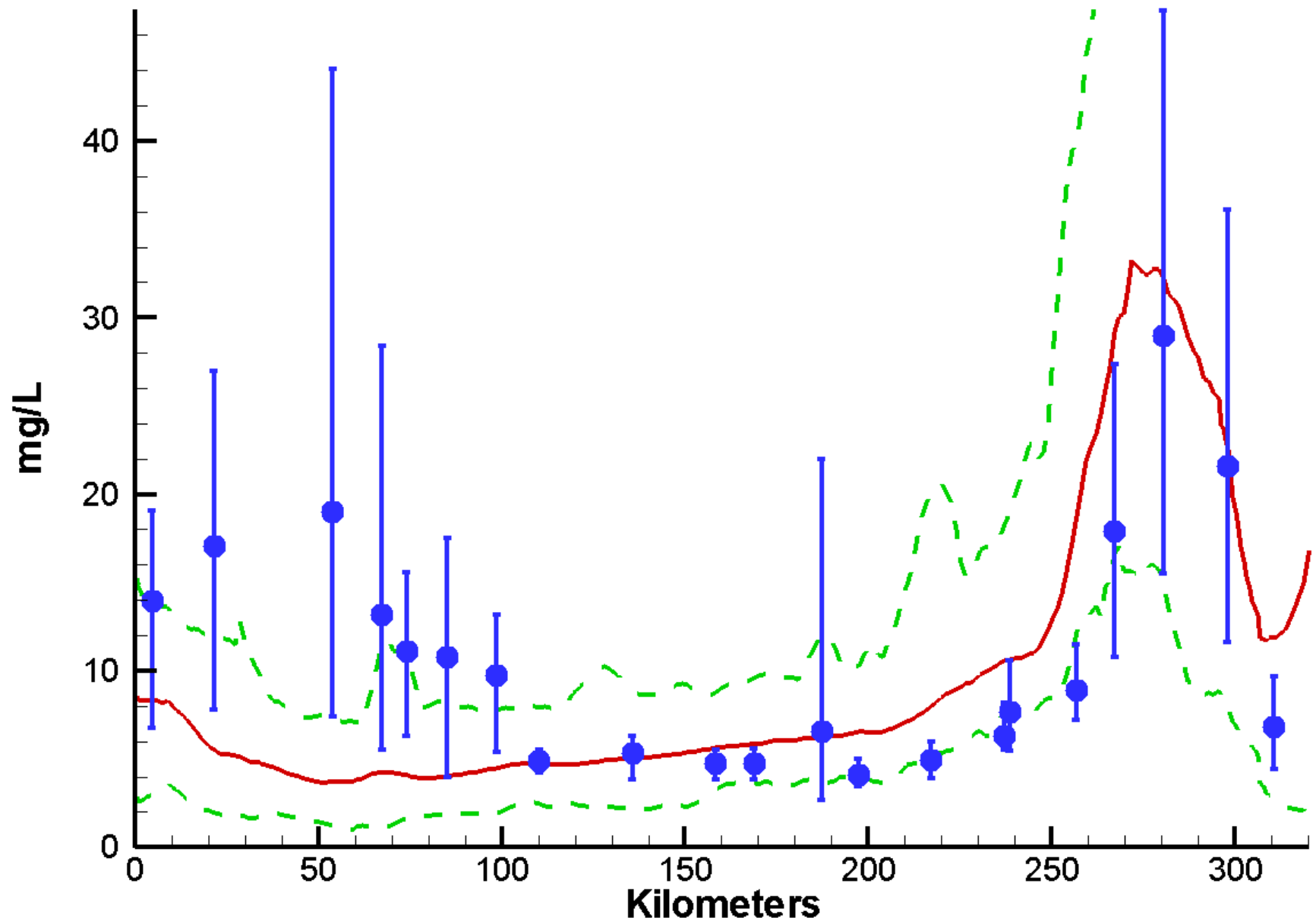
## Bottom Total Suspended Solids Summer 1996





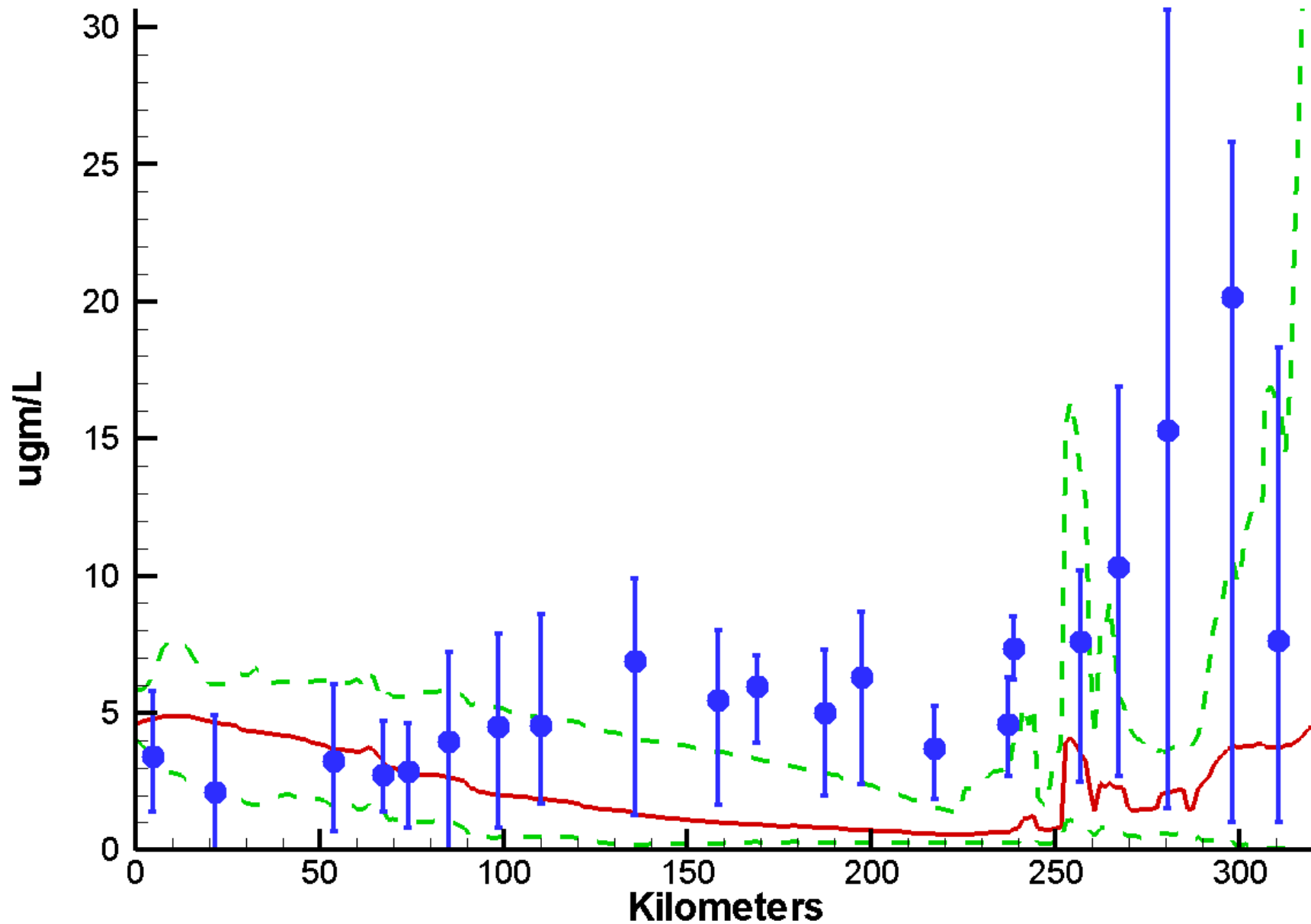
# Mainstem Bay Ches2015 Run118

## Surface Total Suspended Solids Summer 1996



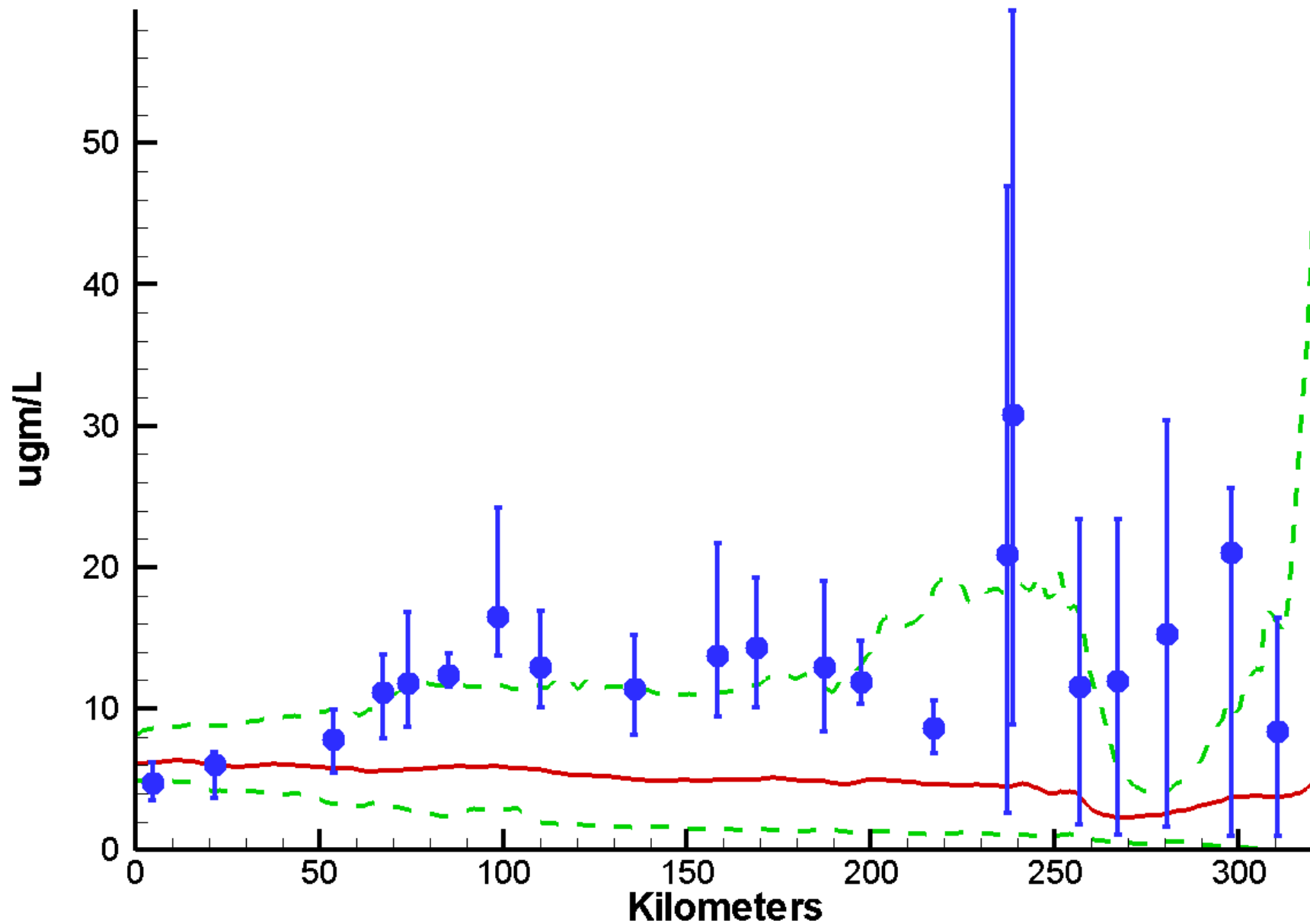
# Mainstem Bay Ches2015 Run118

## Bottom Chlorophyll Fall 1996



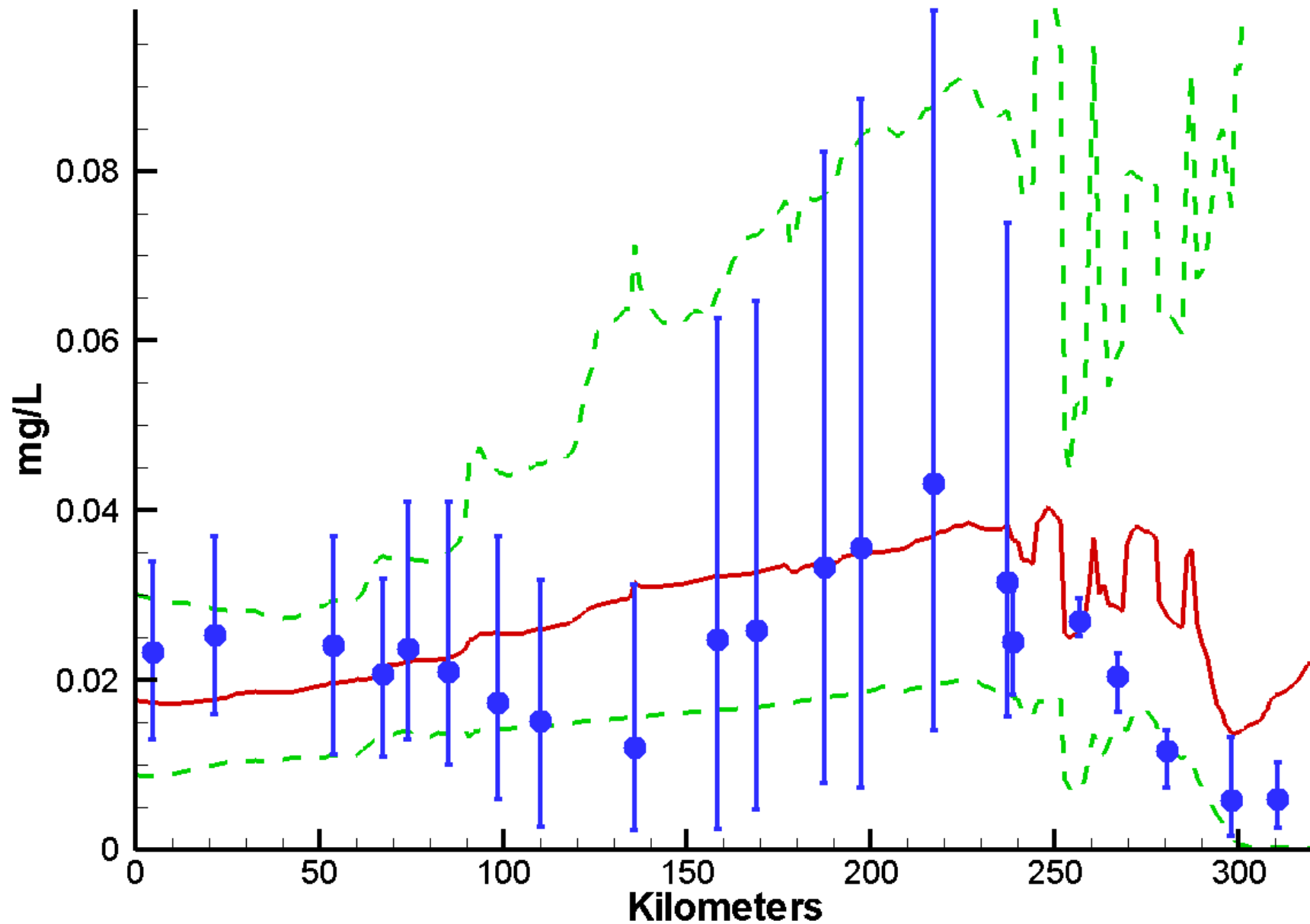
# Mainstem Bay Ches2015 Run118

## Surface Chlorophyll Fall 1996



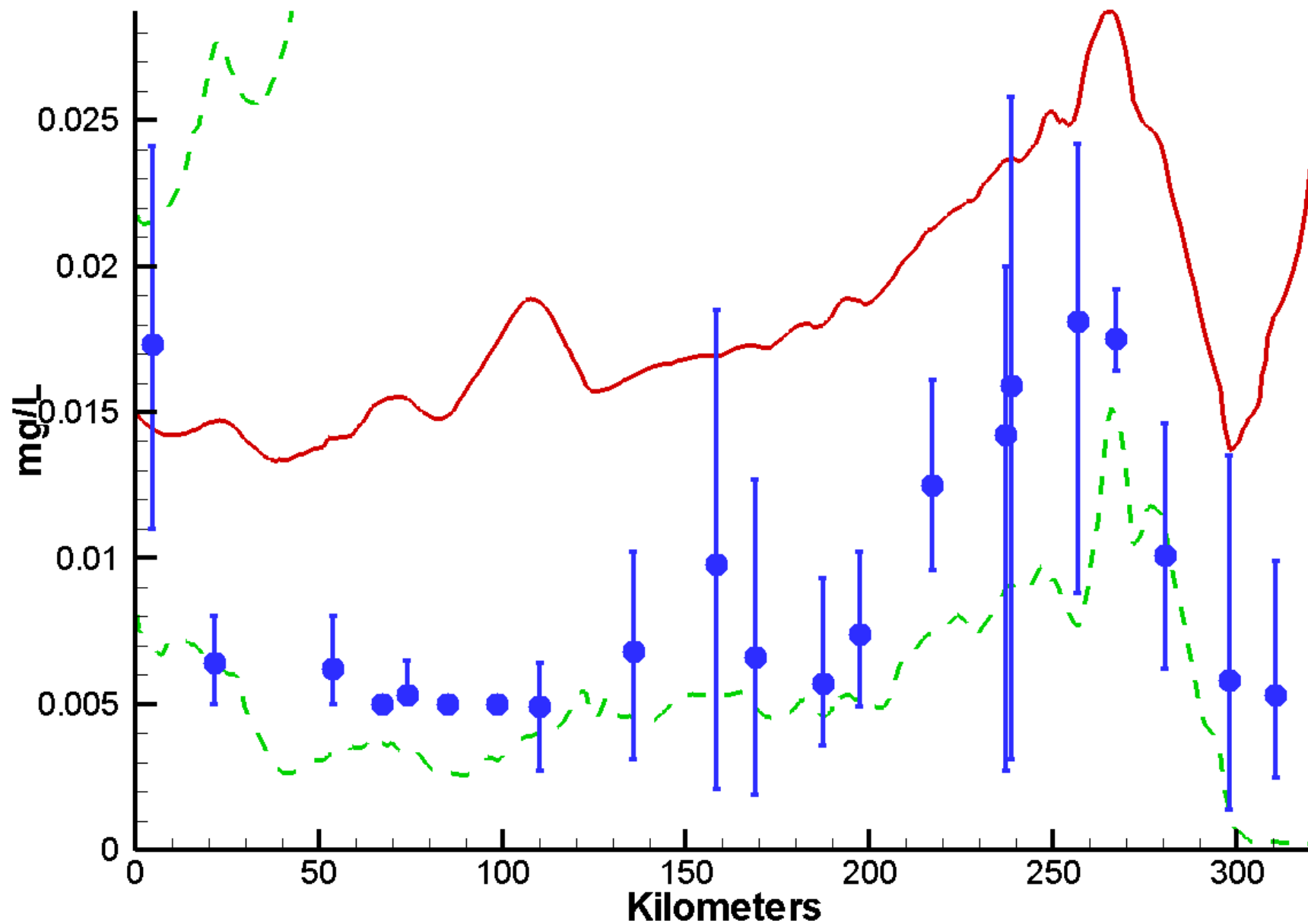
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Phosphate Fall 1996



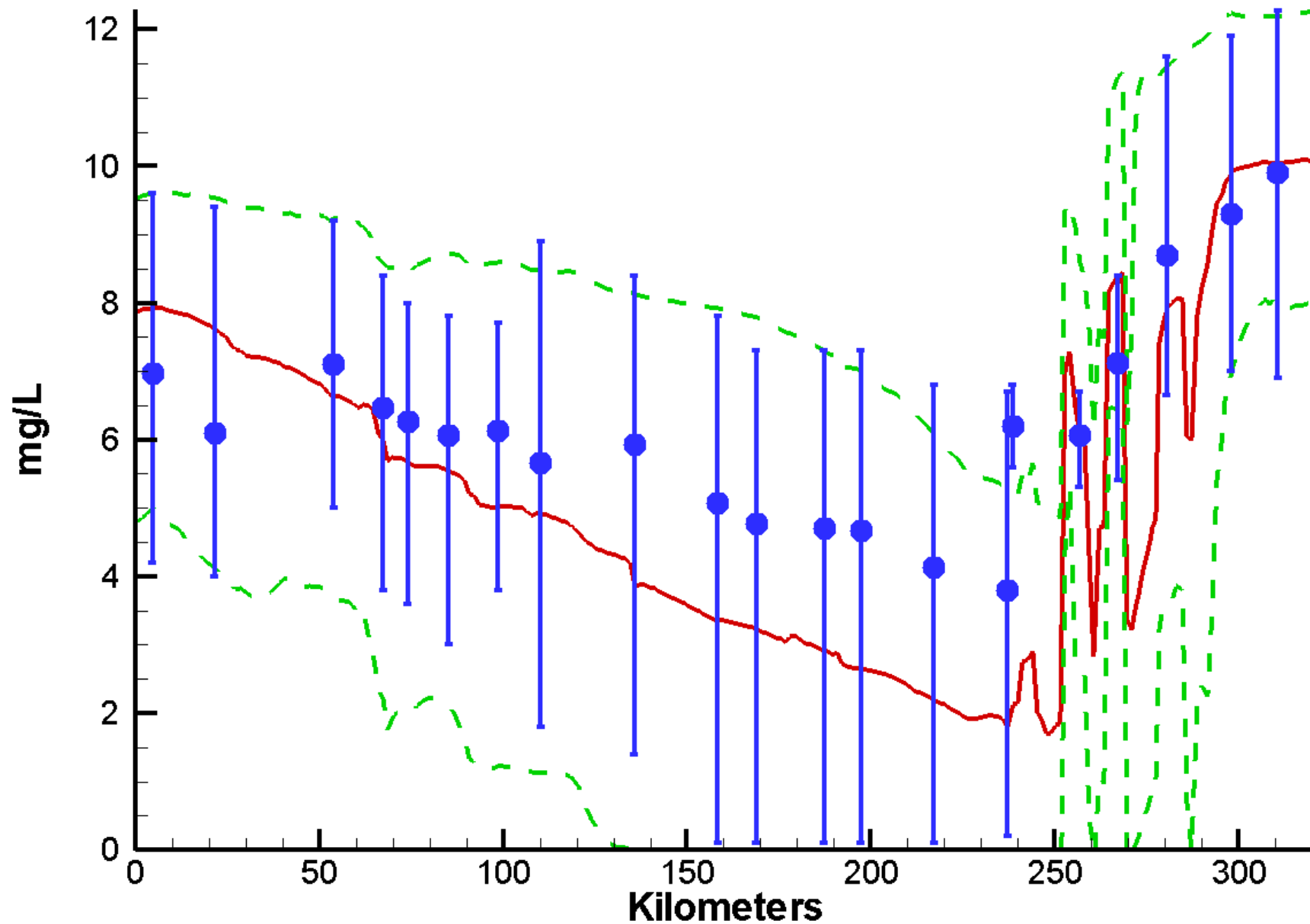
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Phosphate Fall 1996



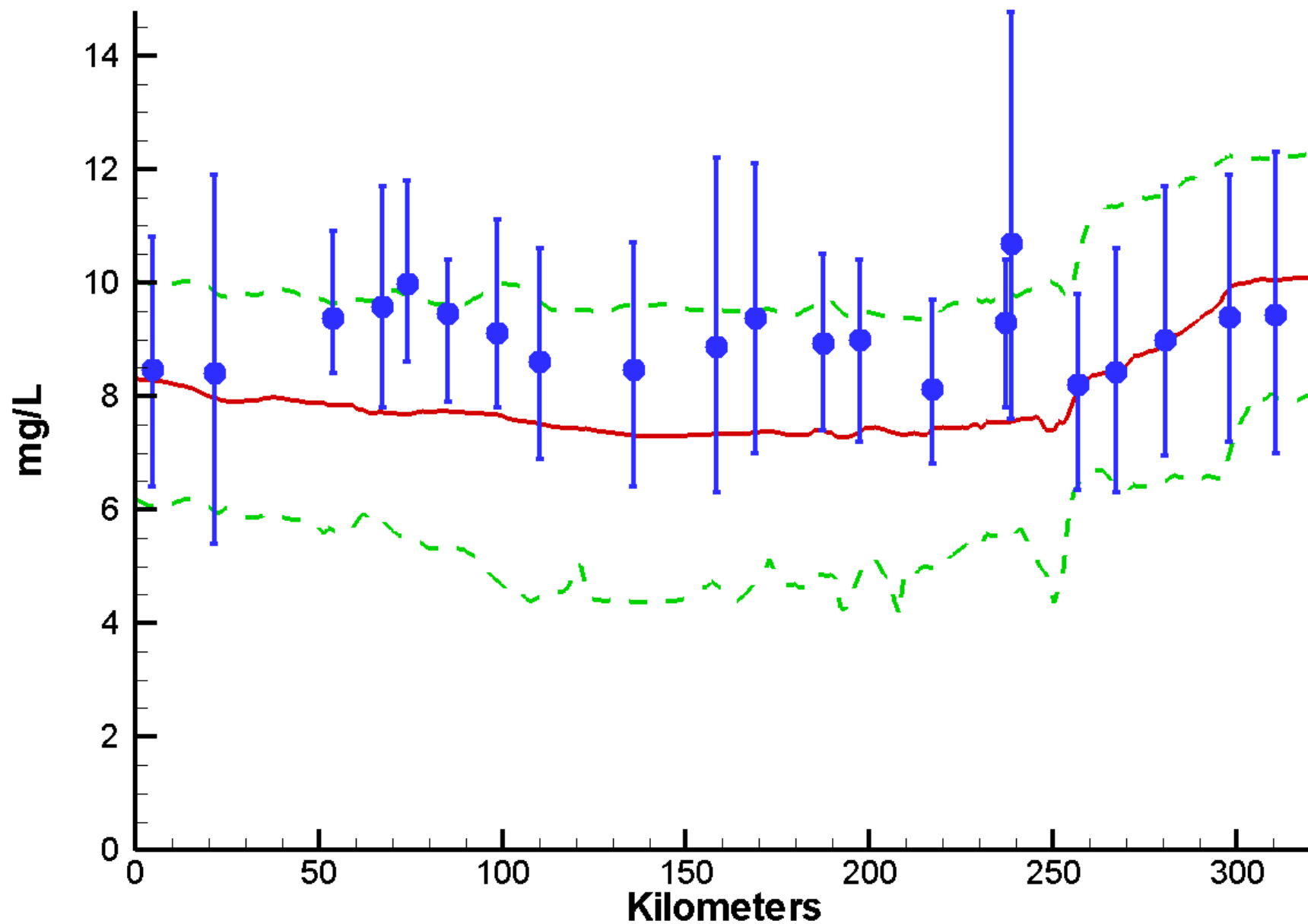
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1996



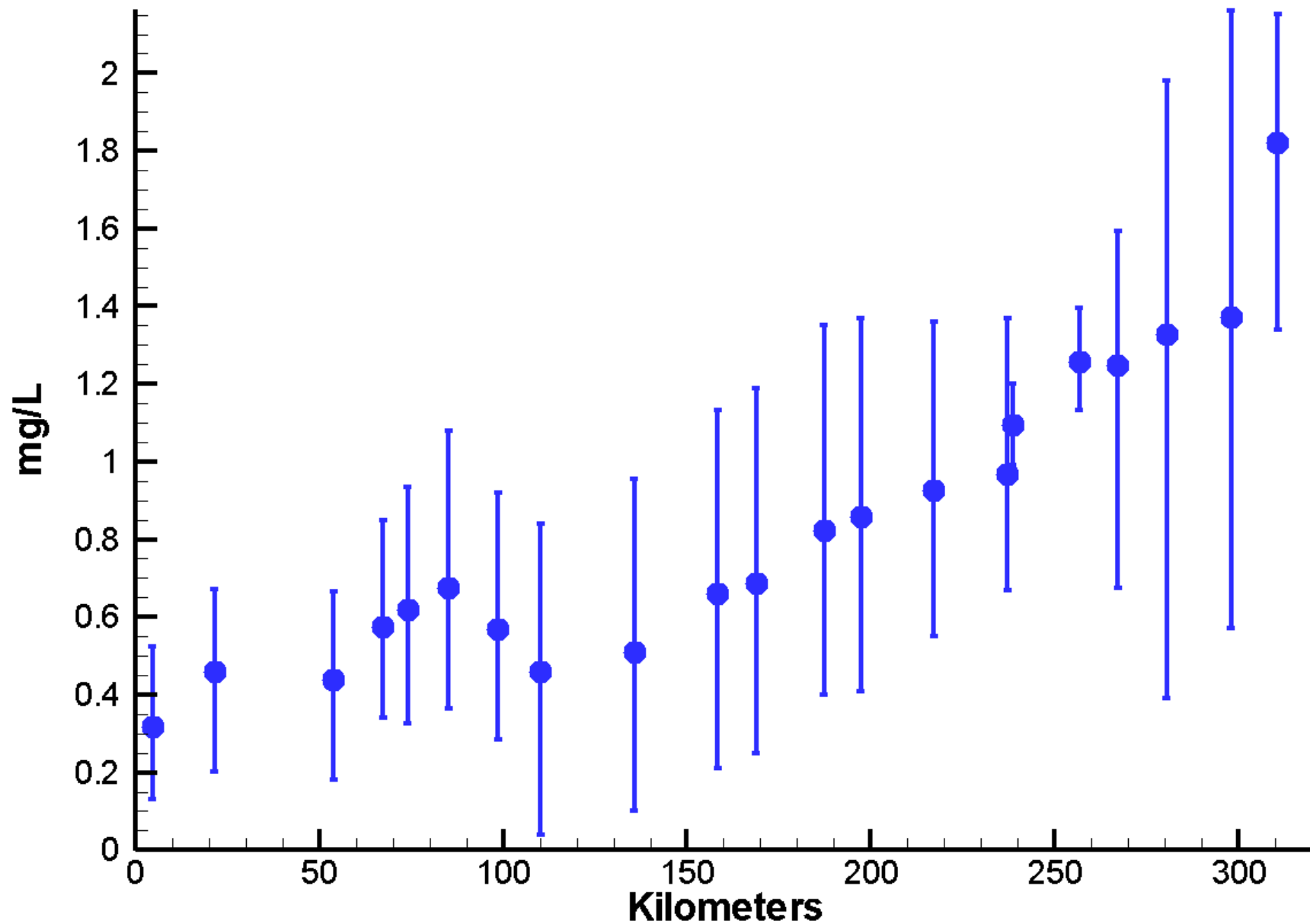
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Oxygen Fall 1996



# Mainstem Bay Ches2015 Run118

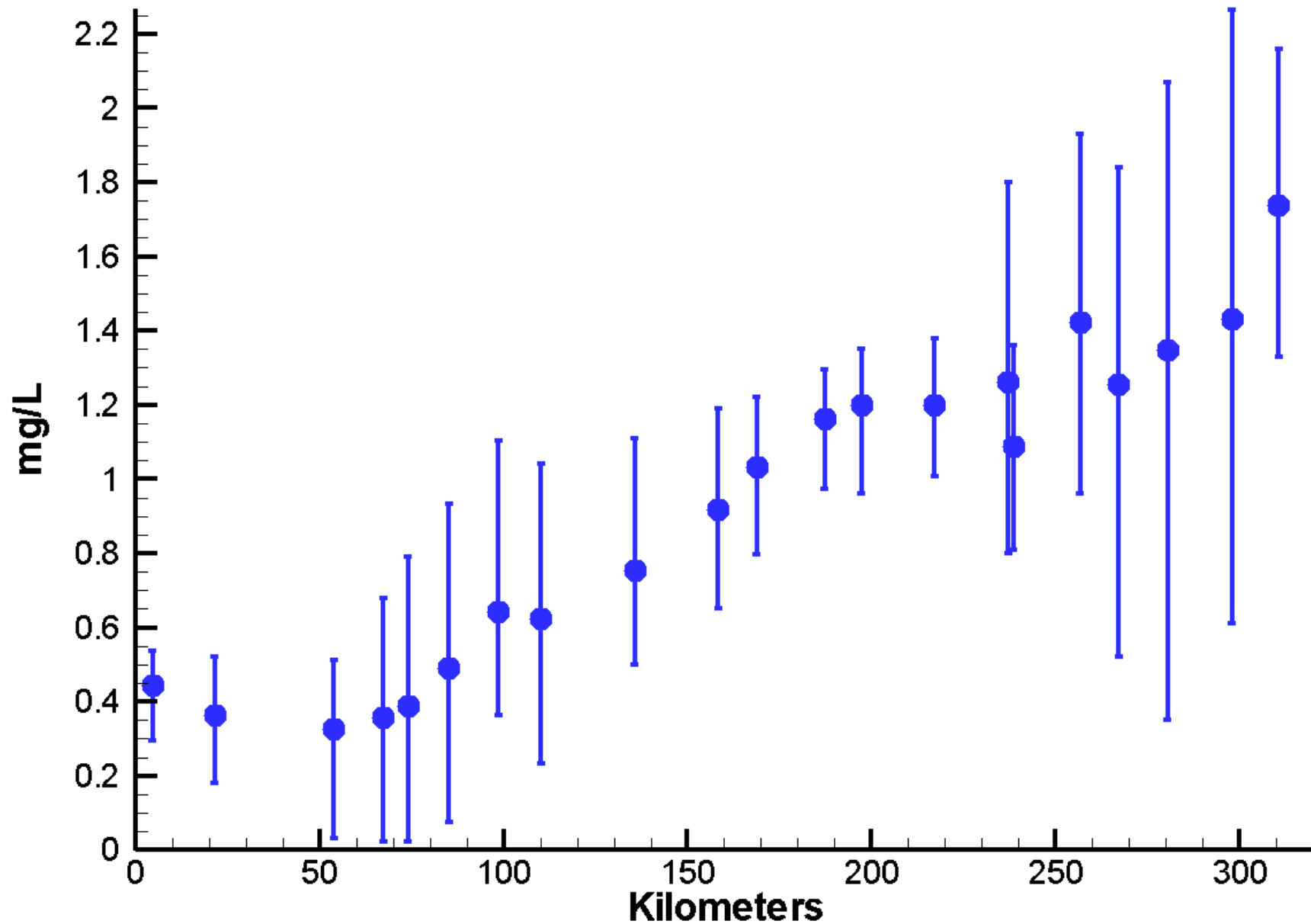
## Bottom Dissolved Silica Fall 1996



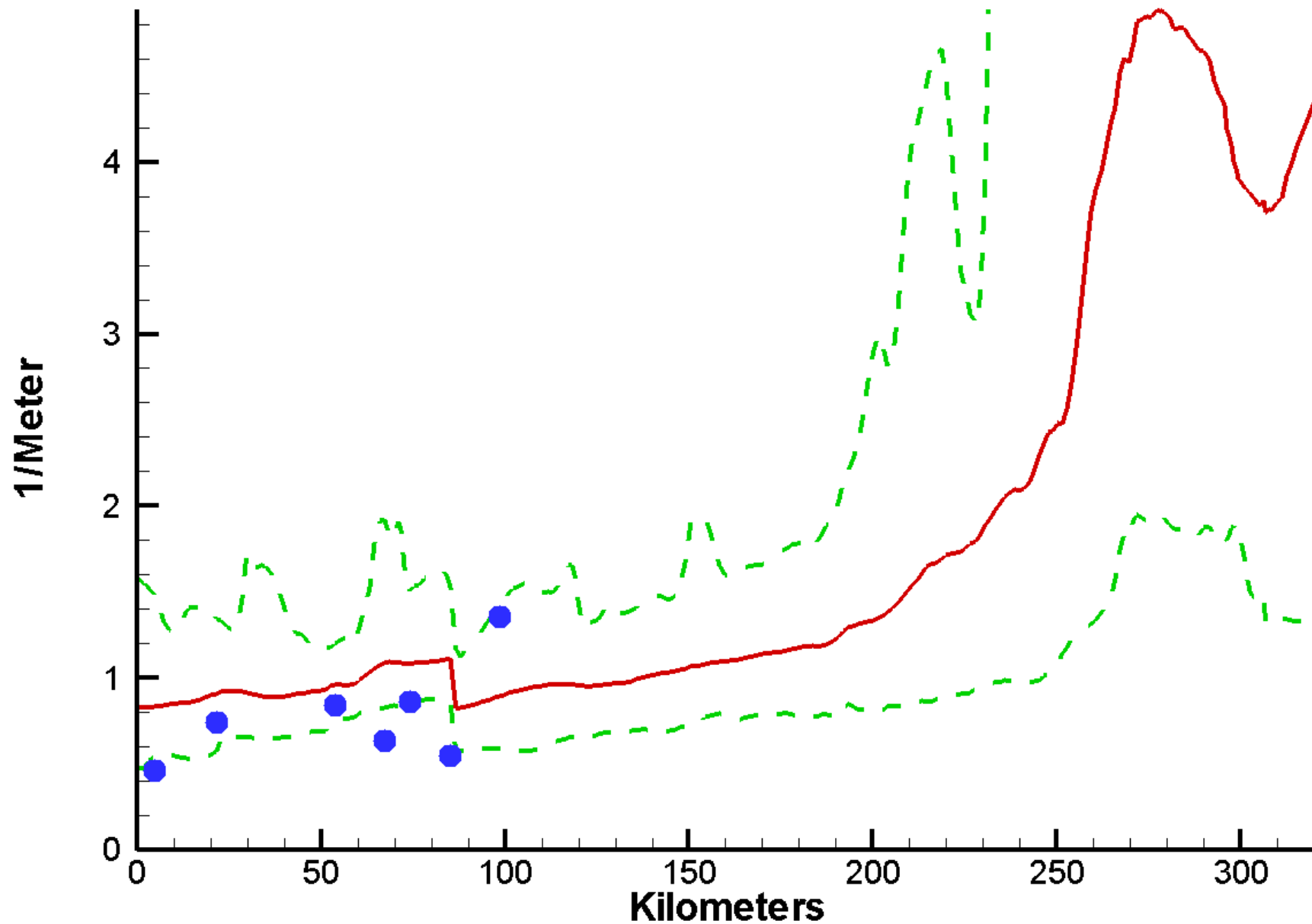


# Mainstem Bay Ches2015 Run118

## Surface Dissolved Silica Fall 1996

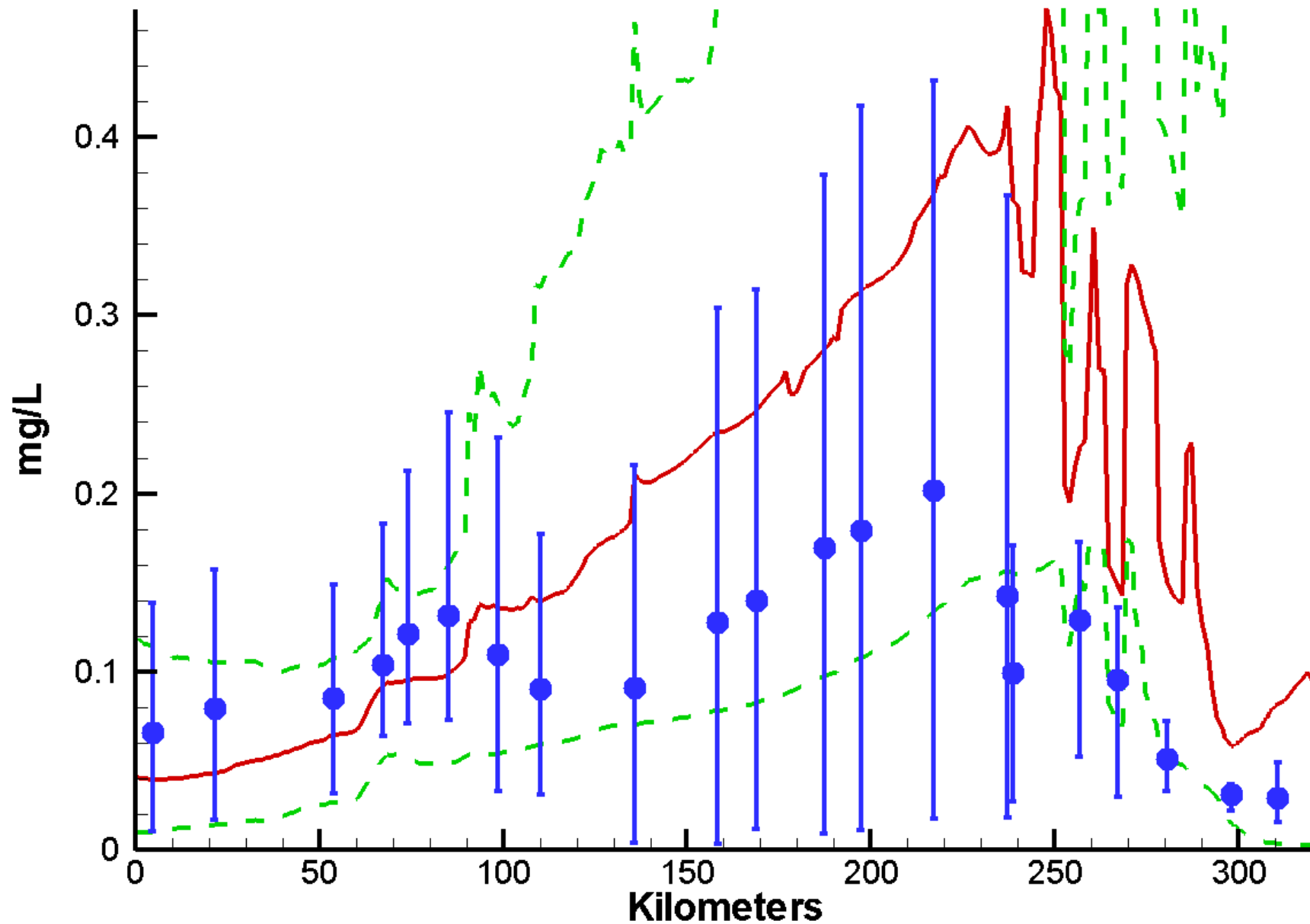


# Mainstem Bay Ches2015 Run118 Surface Light Extinction Fall 1996



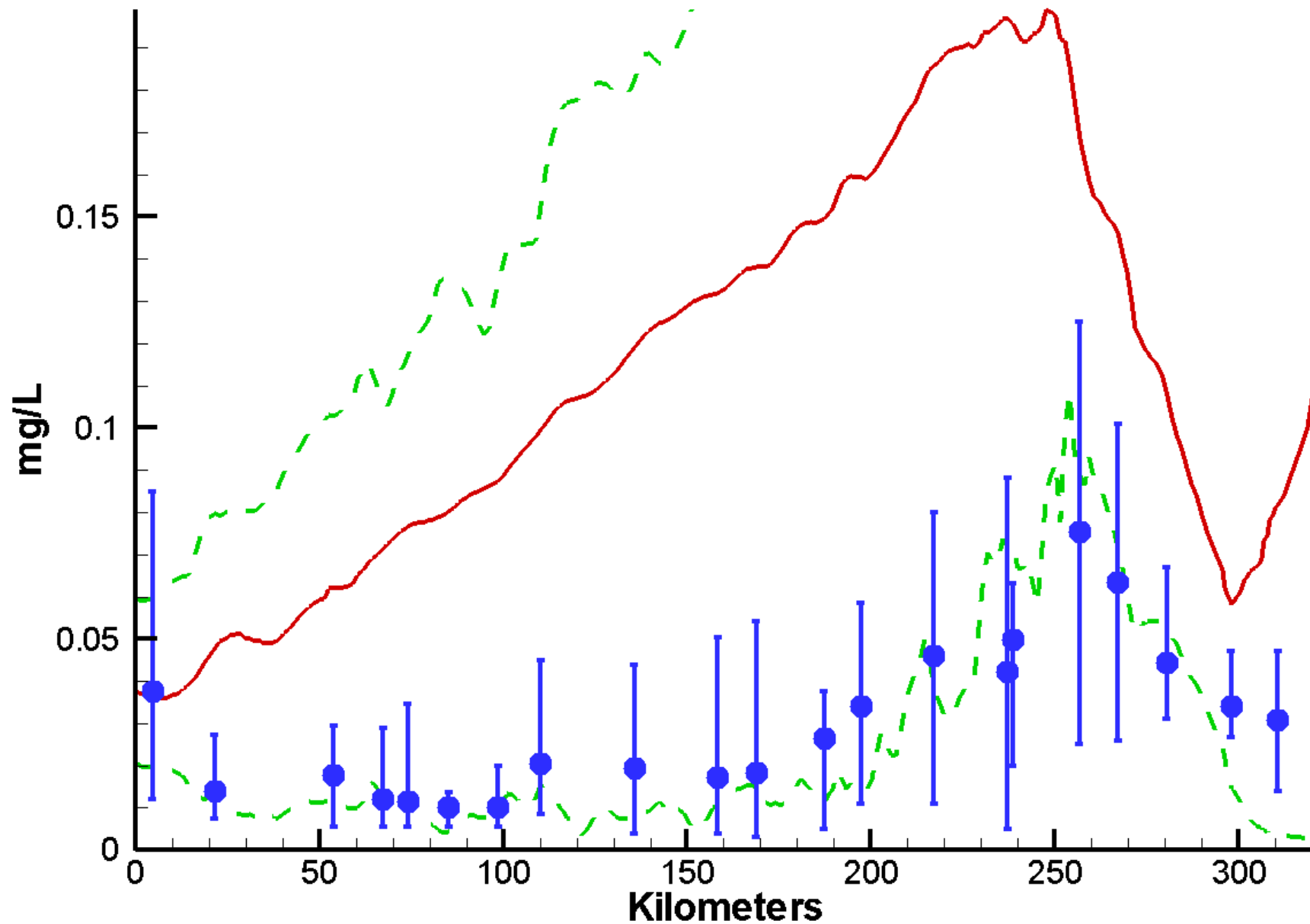
# Mainstem Bay Ches2015 Run118

## Bottom Ammonium Fall 1996



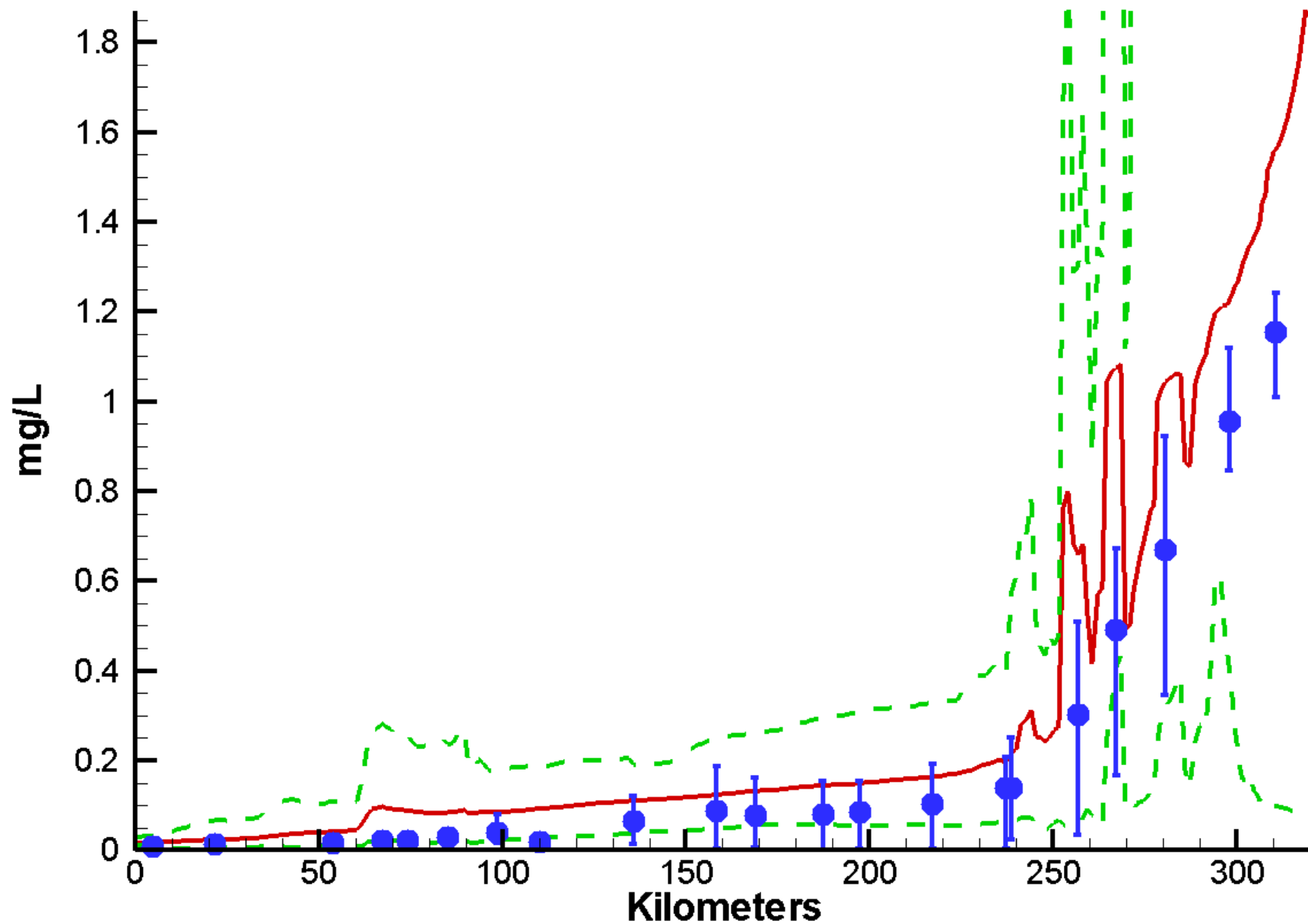
# Mainstem Bay Ches2015 Run118

## Surface Ammonium Fall 1996



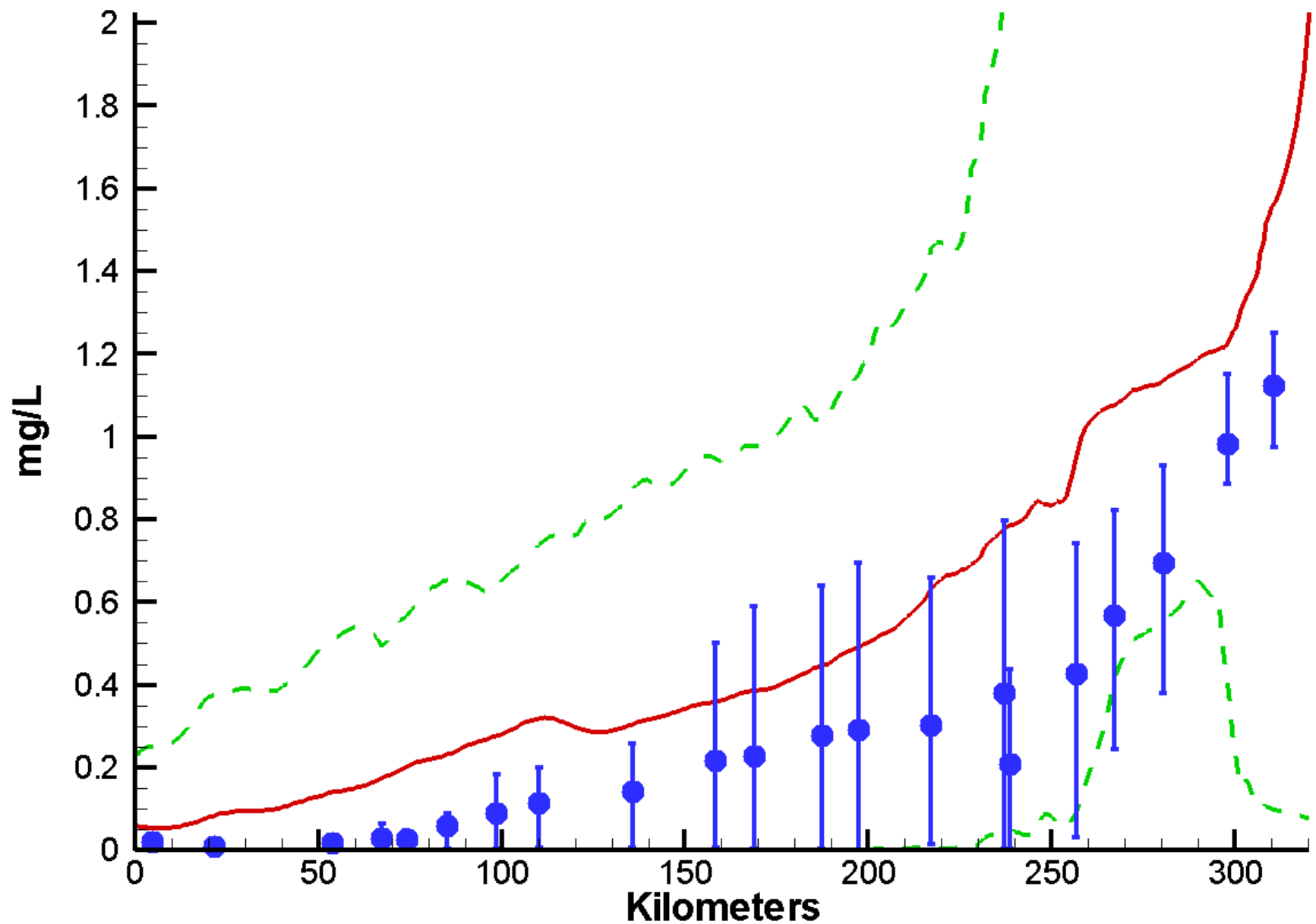
# Mainstem Bay Ches2015 Run118

## Bottom Nitrate Fall 1996



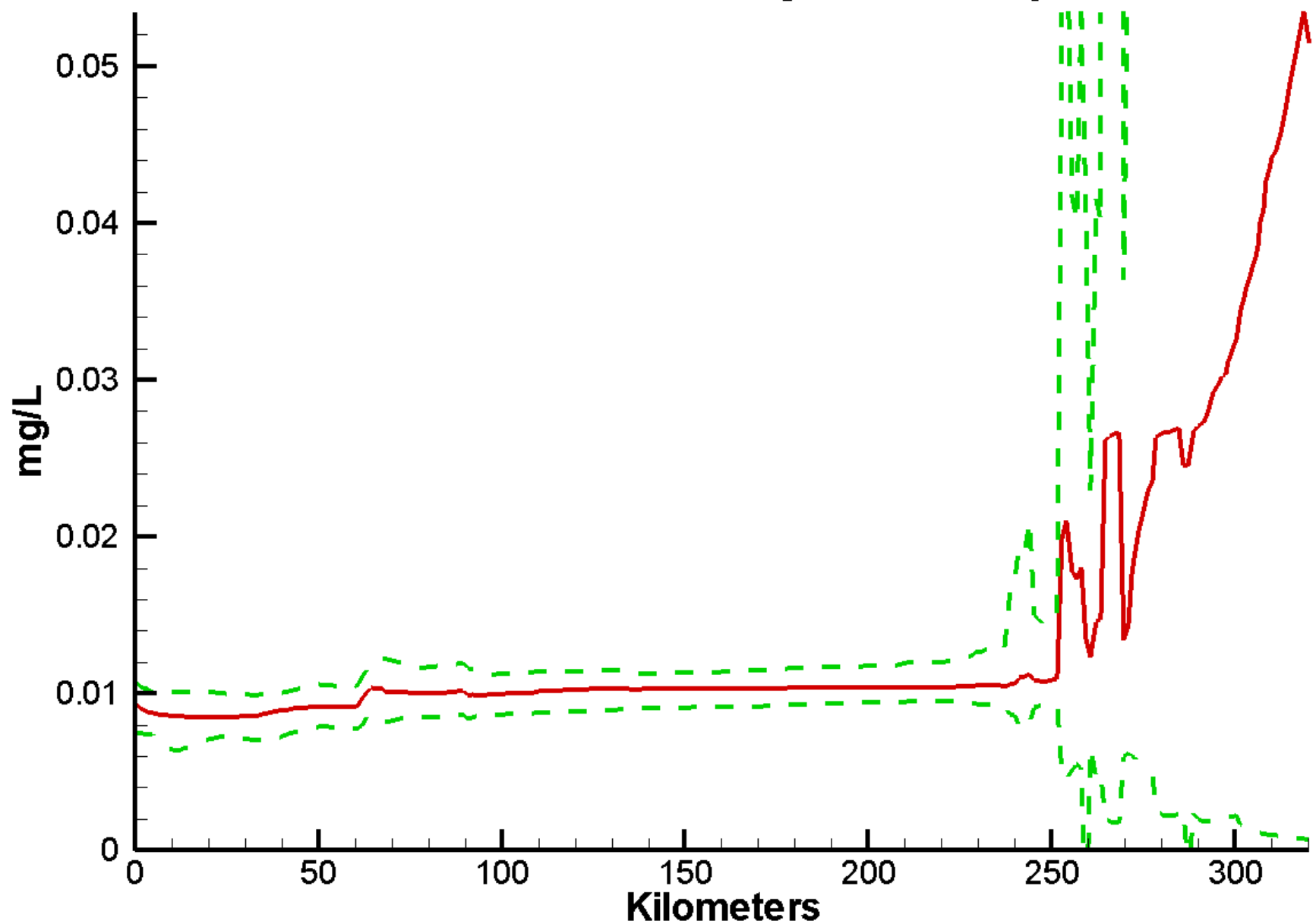
# Mainstem Bay Ches2015 Run118

## Surface Nitrate Fall 1996

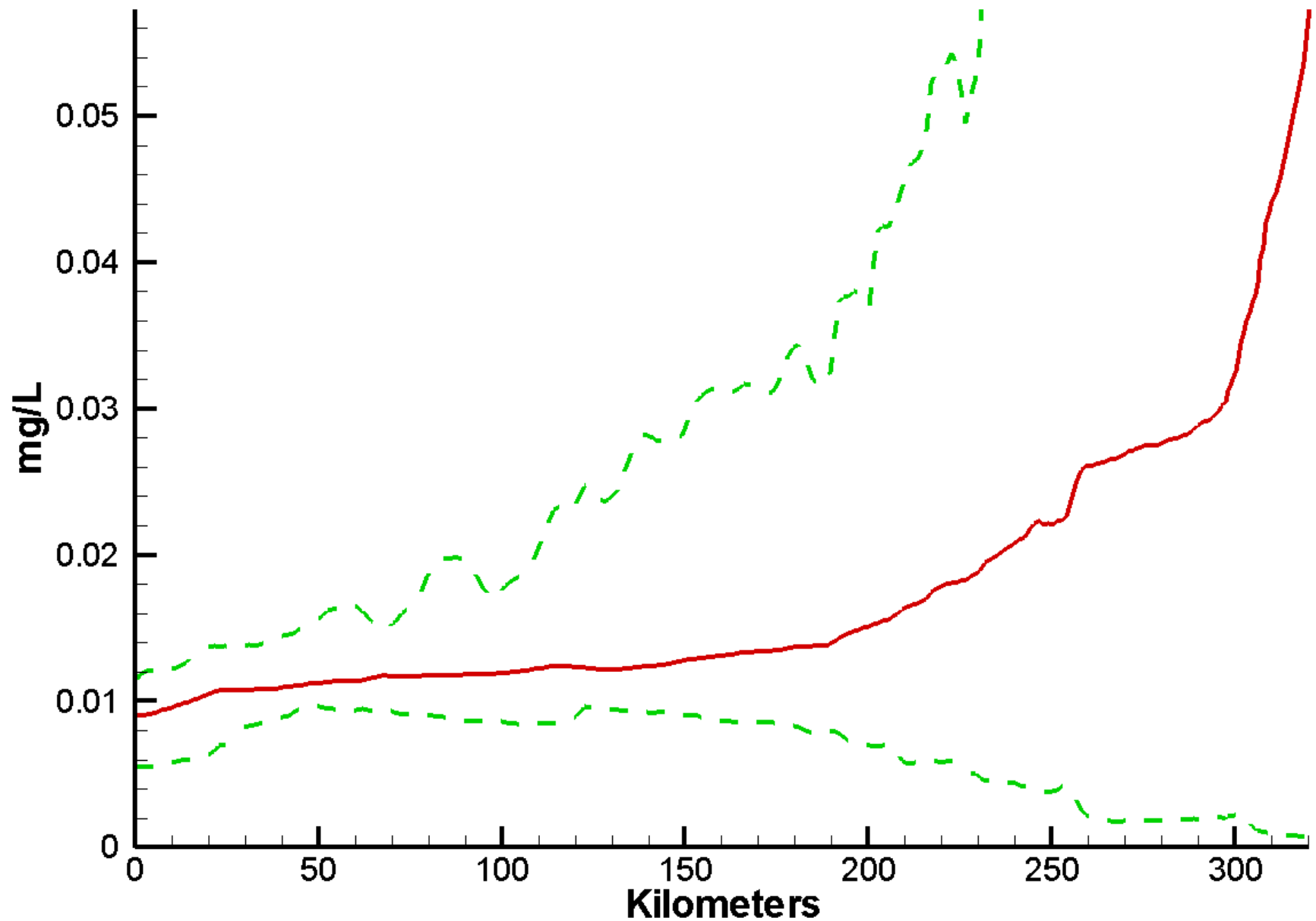


# Mainstem Bay Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1996



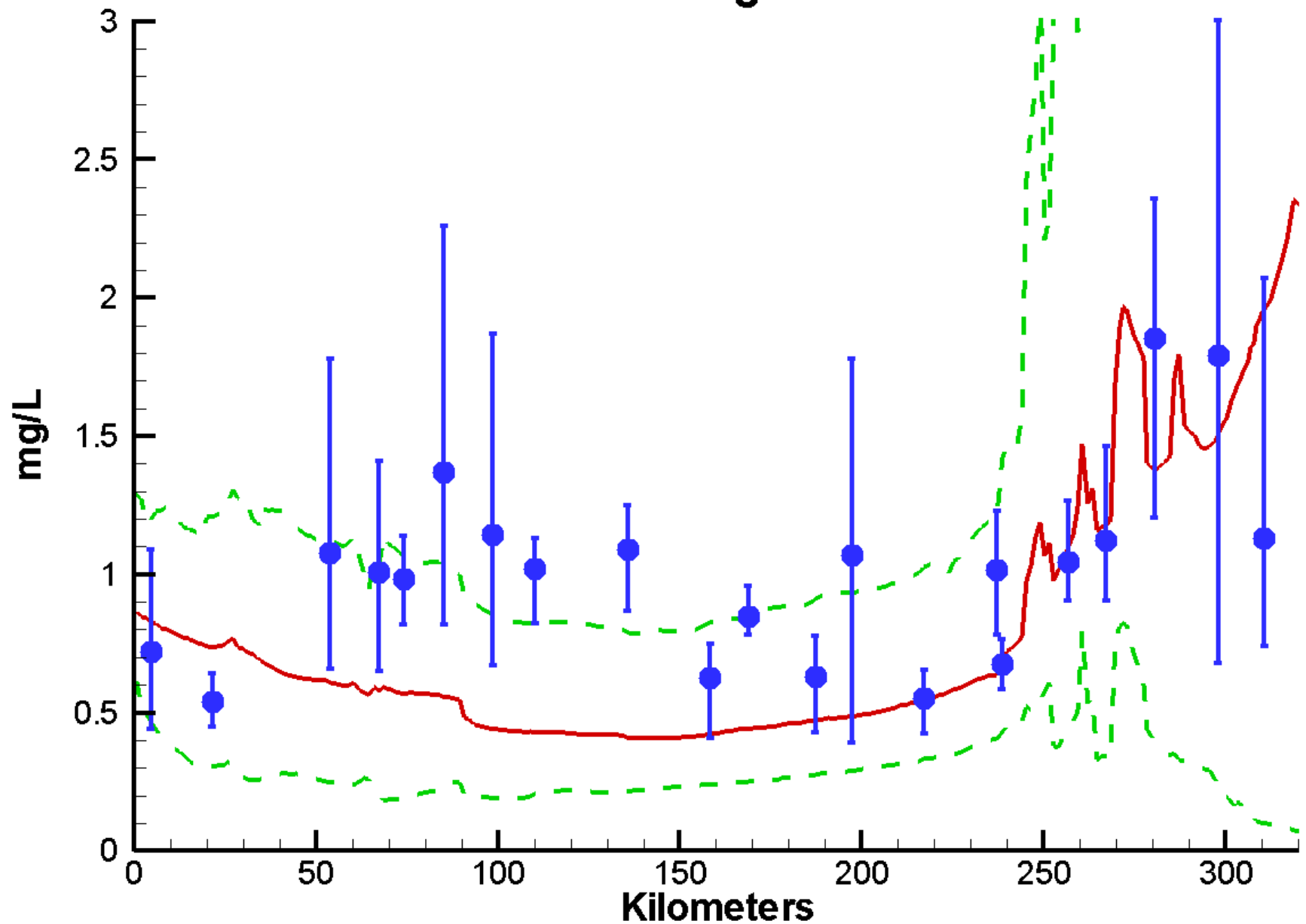
**Mainstem Bay Ches2015 Run118**  
**Surface Particulate Inorganic Phosphorus Fall 1996**





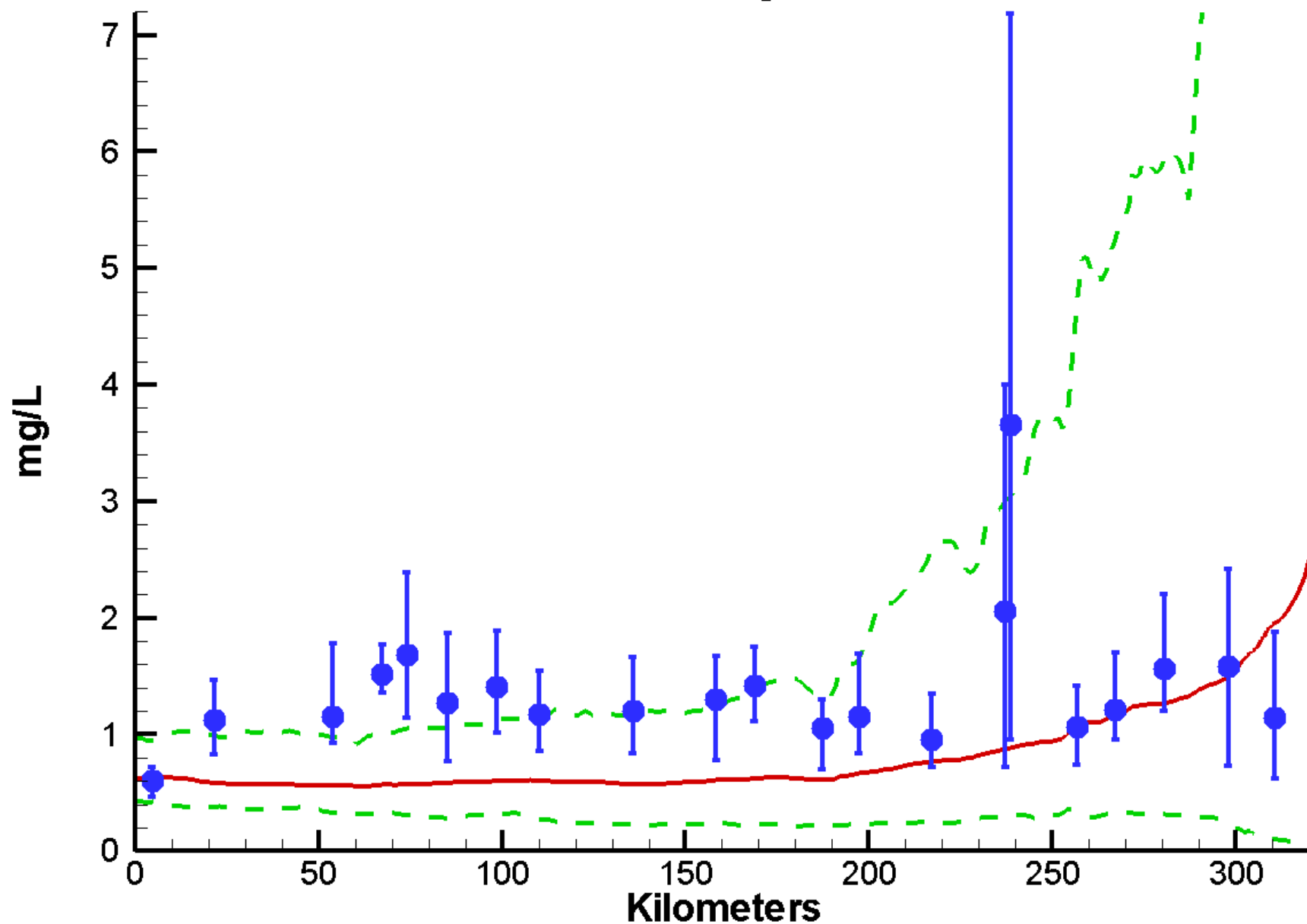
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1996



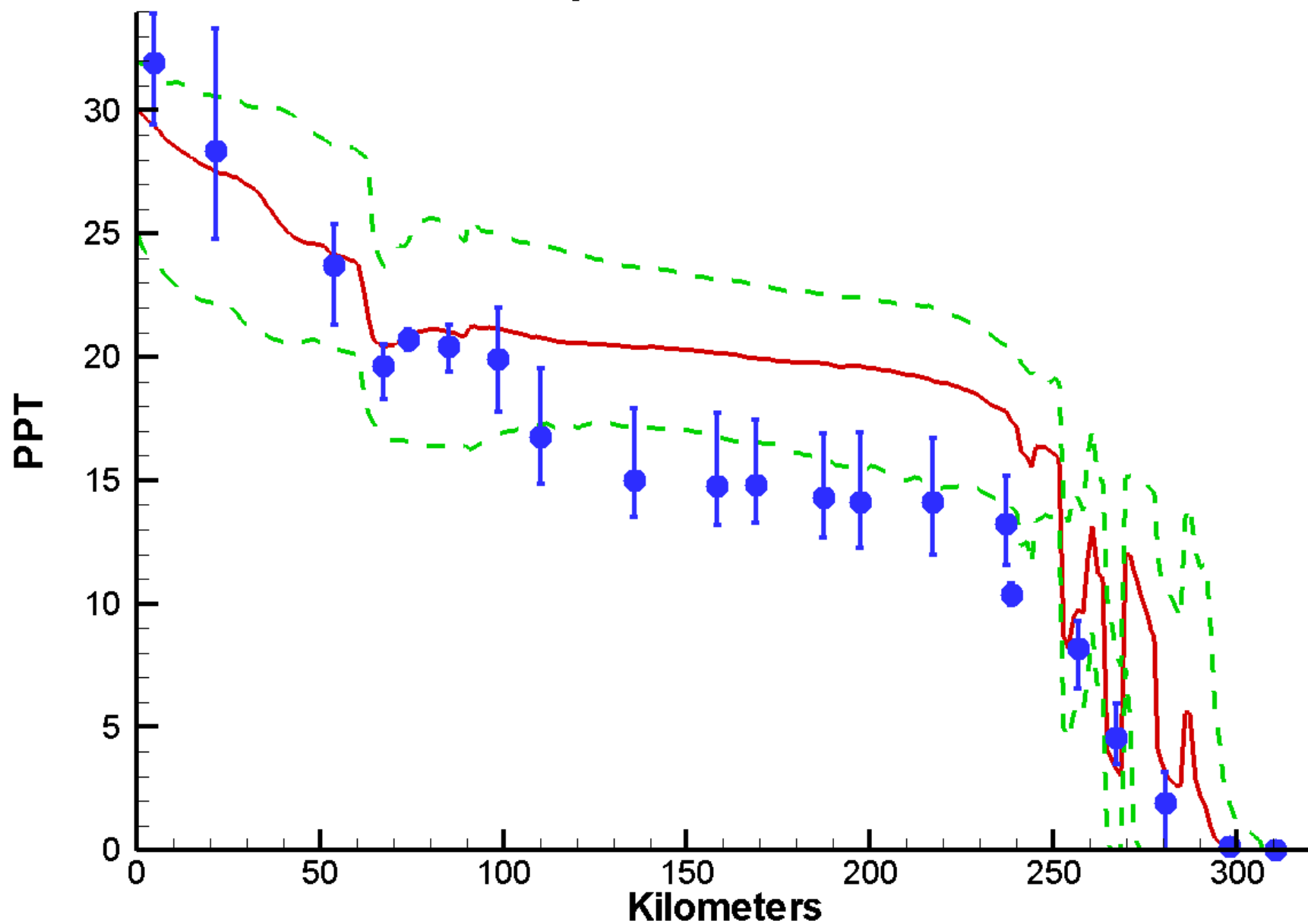
# Mainstem Bay Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1996



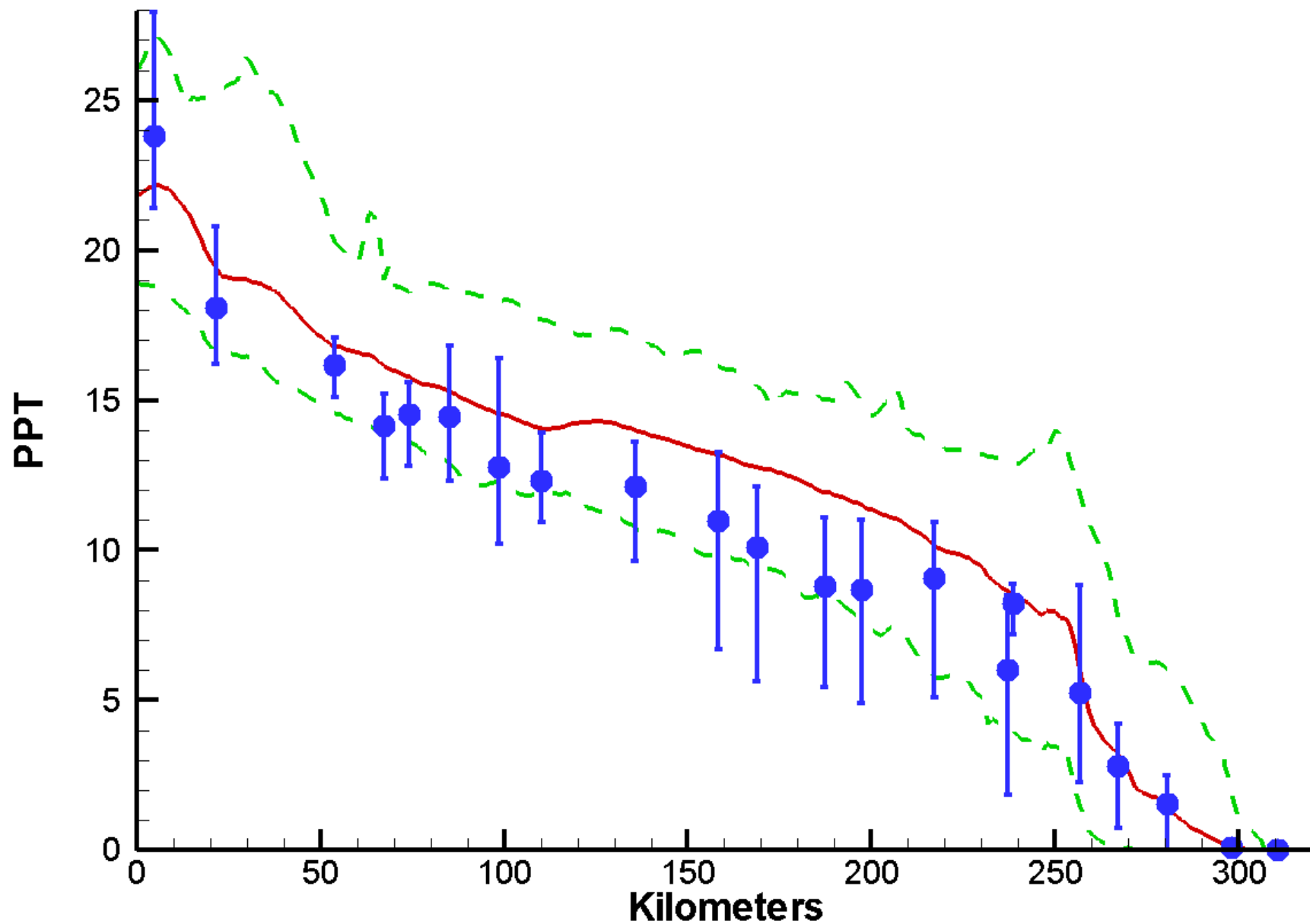
# Mainstem Bay Ches2015 Run118

## Bottom Salinity Fall 1996



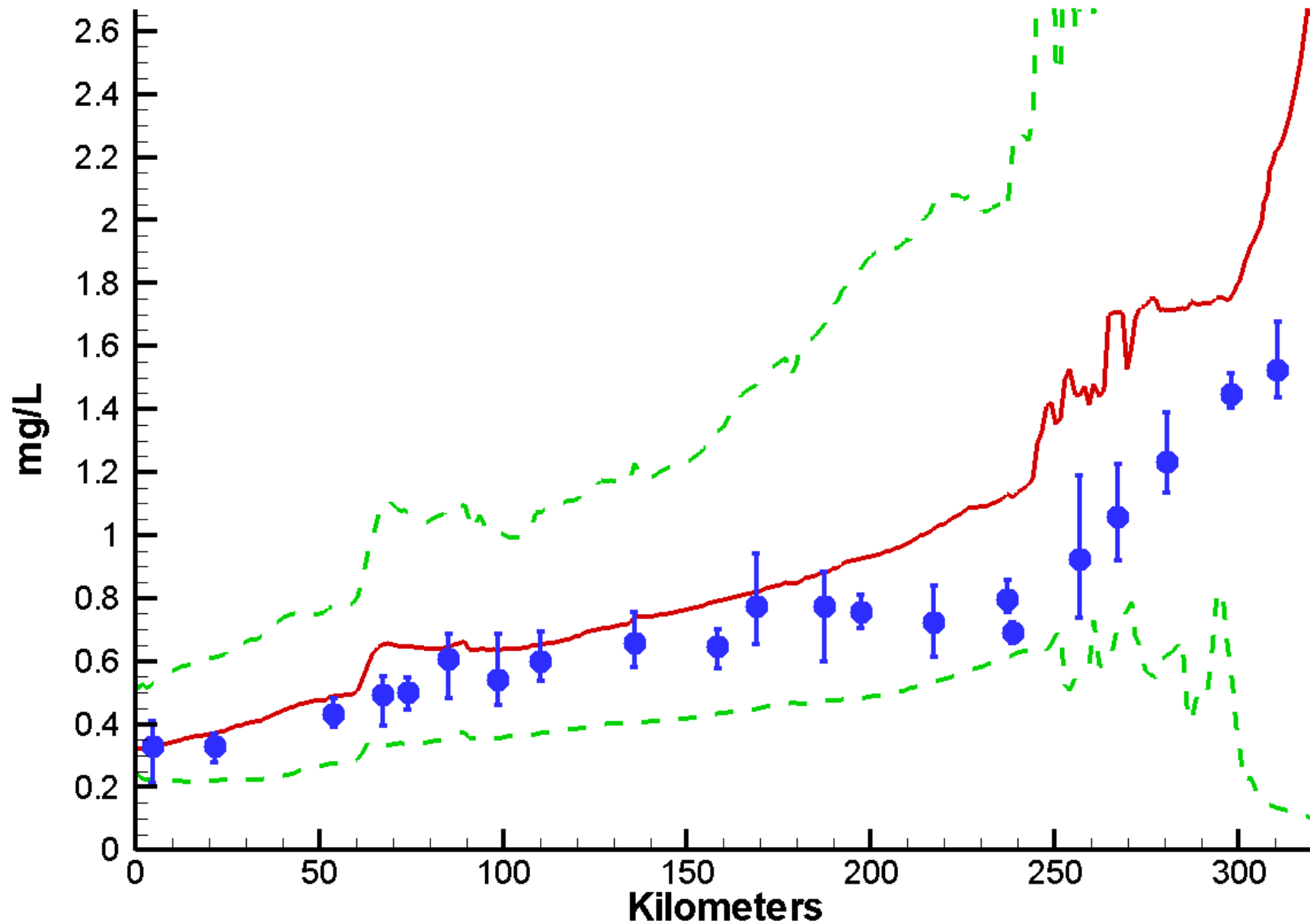
# Mainstem Bay Ches2015 Run118

## Surface Salinity Fall 1996



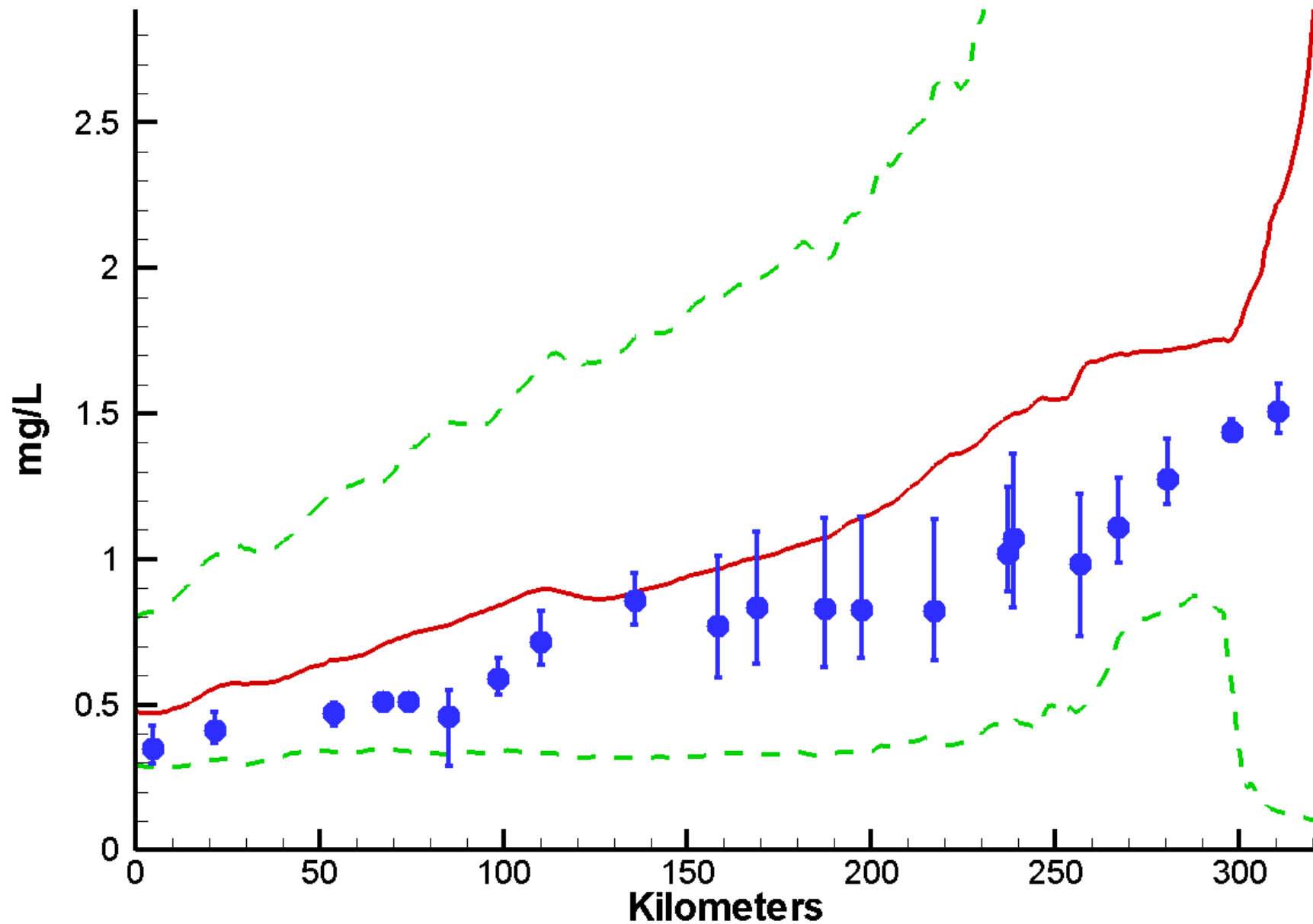
# Mainstem Bay Ches2015 Run118

## Bottom Total Nitrogen Fall 1996



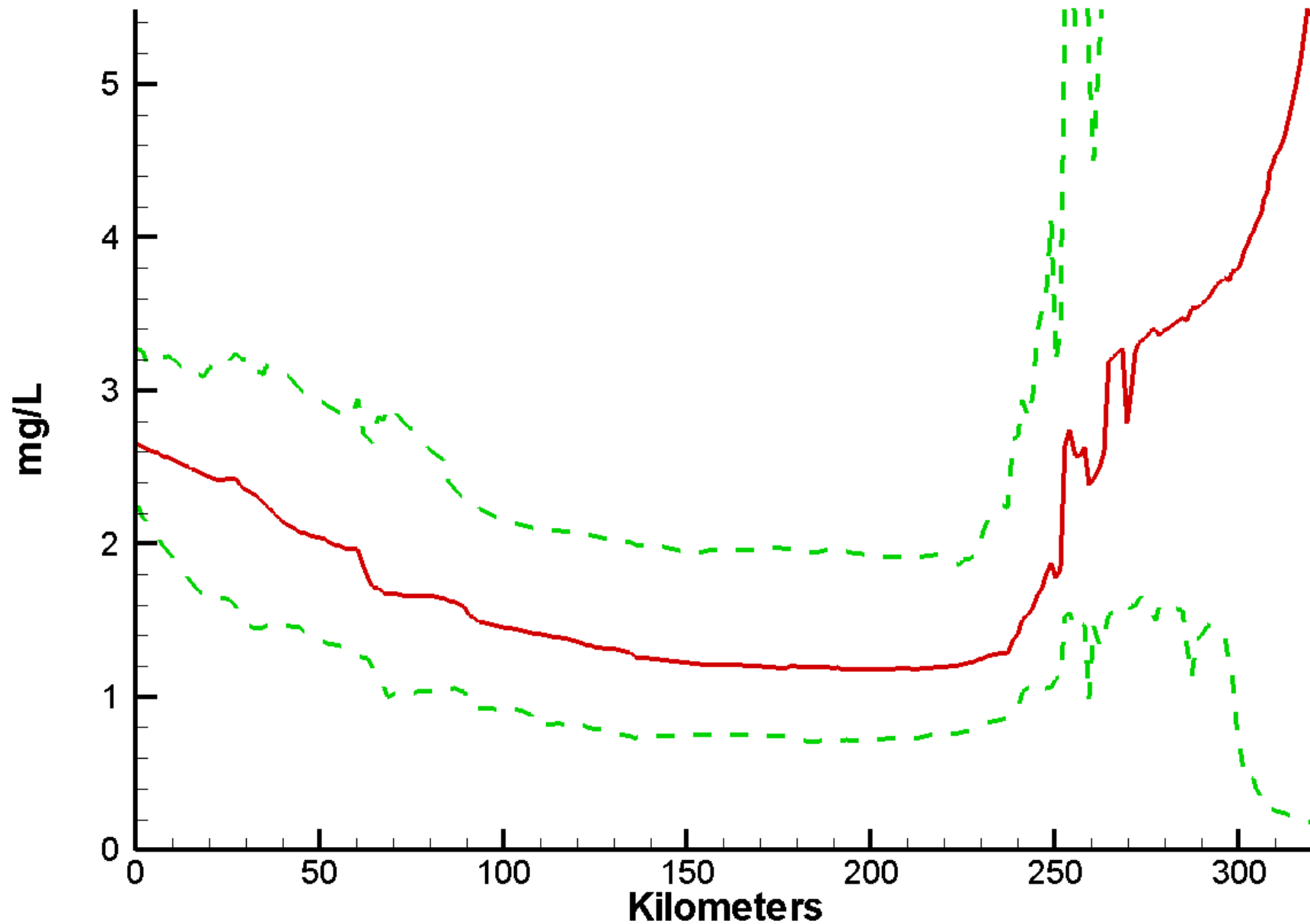
# Mainstem Bay Ches2015 Run118

## Surface Total Nitrogen Fall 1996



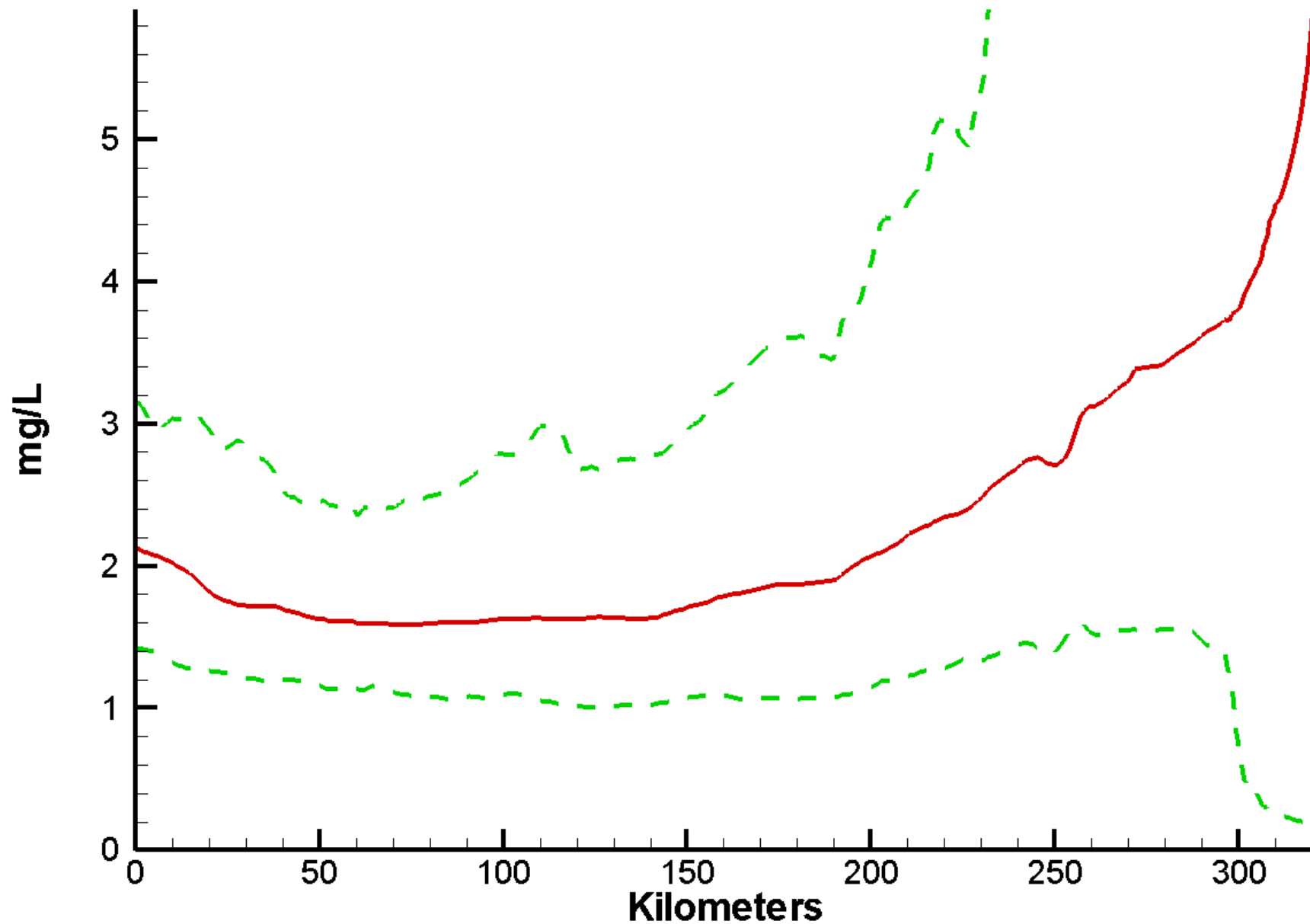
# Mainstem Bay Ches2015 Run118

## Bottom Total Organic Carbon Fall 1996



# Mainstem Bay Ches2015 Run118

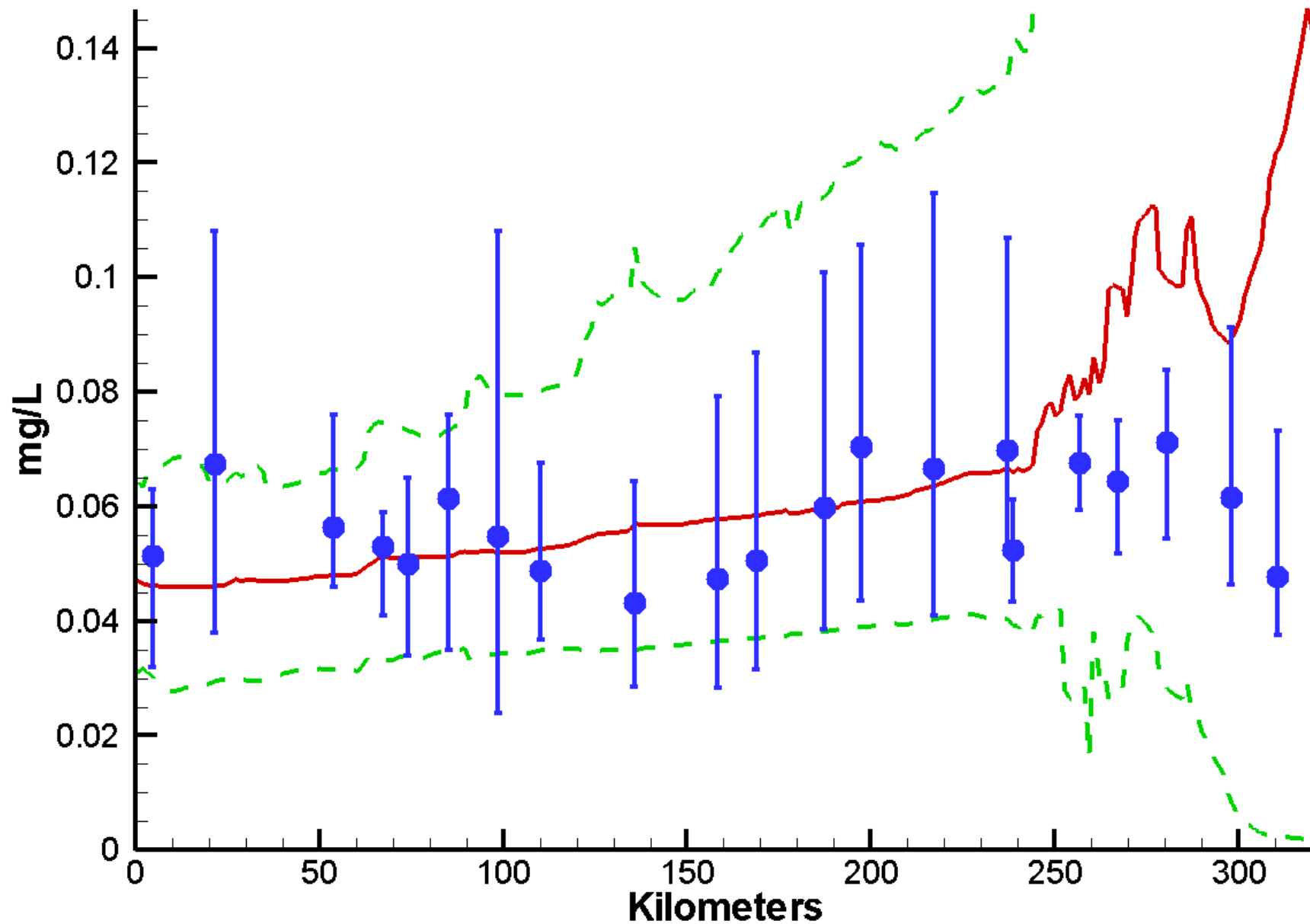
## Surface Total Organic Carbon Fall 1996





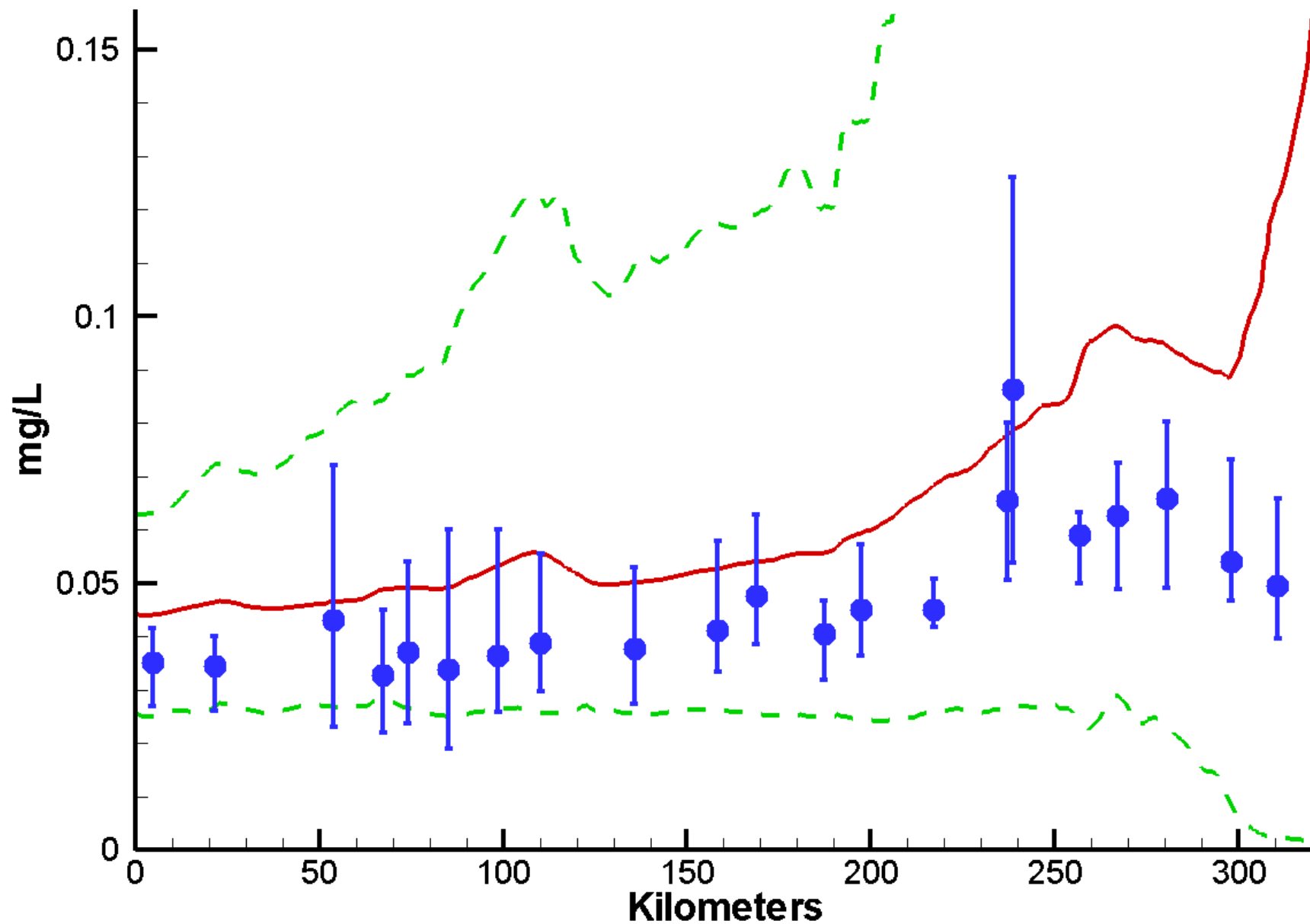
# Mainstem Bay Ches2015 Run118

## Bottom Total Phosphorus Fall 1996



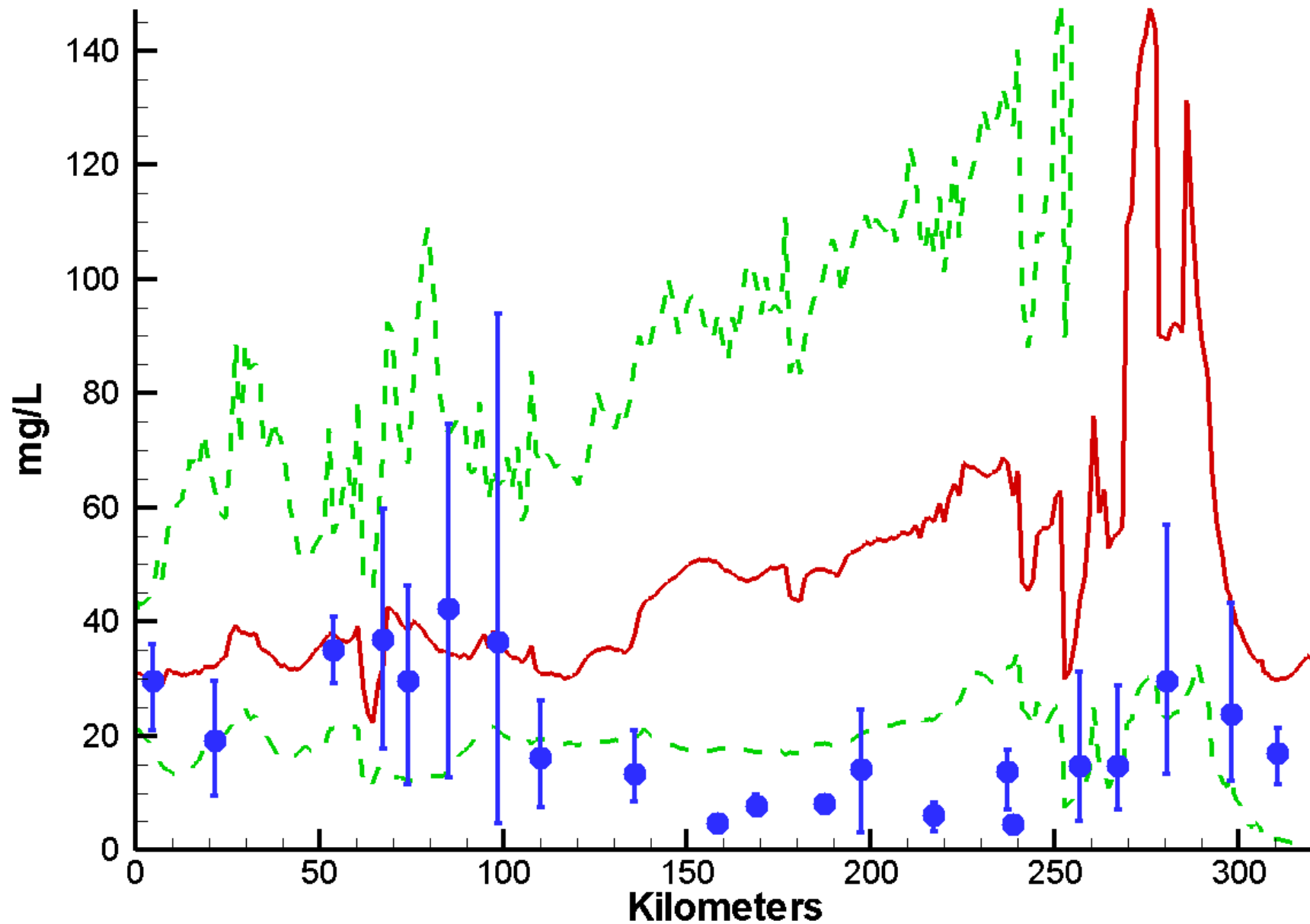
# Mainstem Bay Ches2015 Run118

## Surface Total Phosphorus Fall 1996



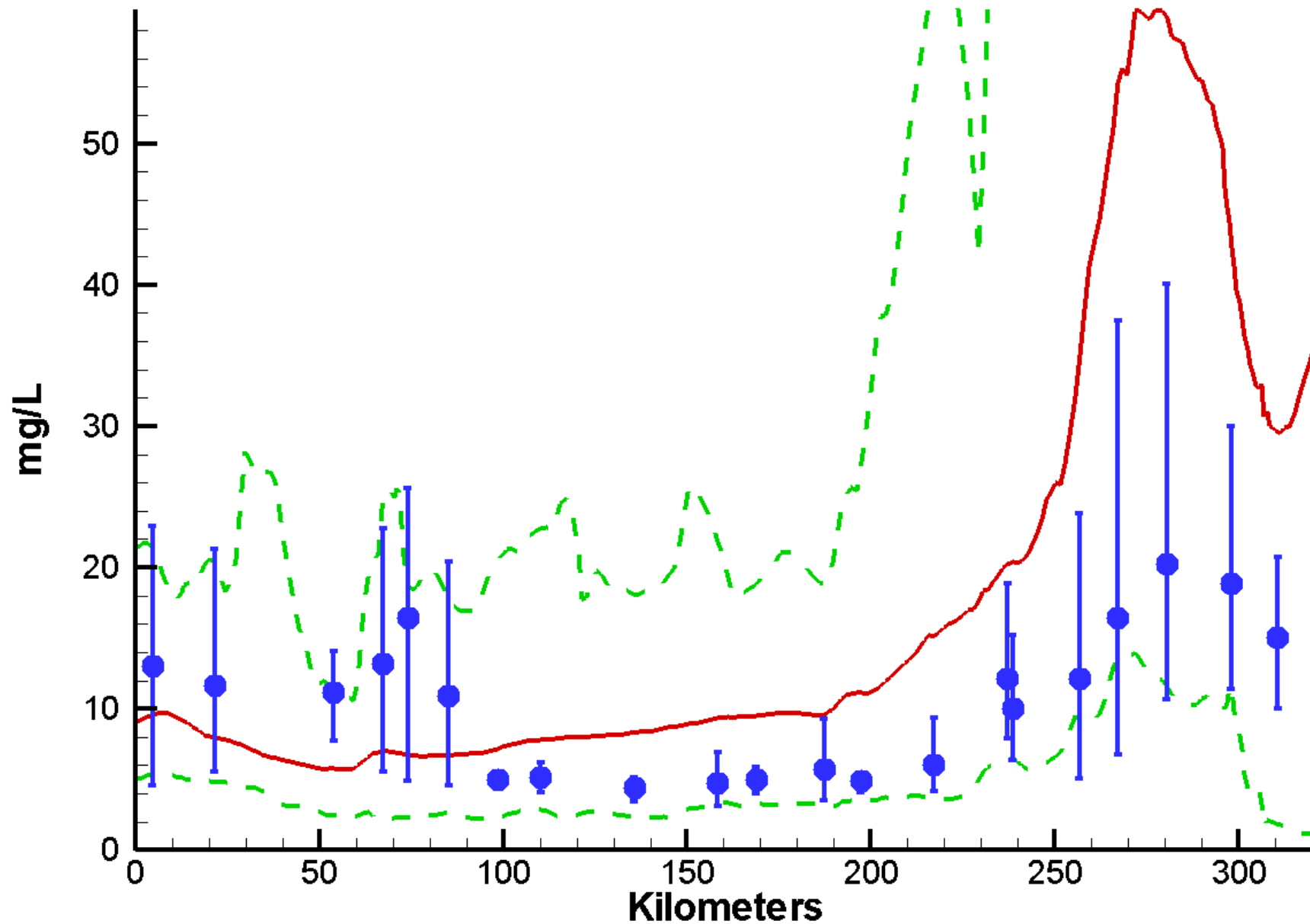
# Mainstem Bay Ches2015 Run118

## Bottom Total Suspended Solids Fall 1996



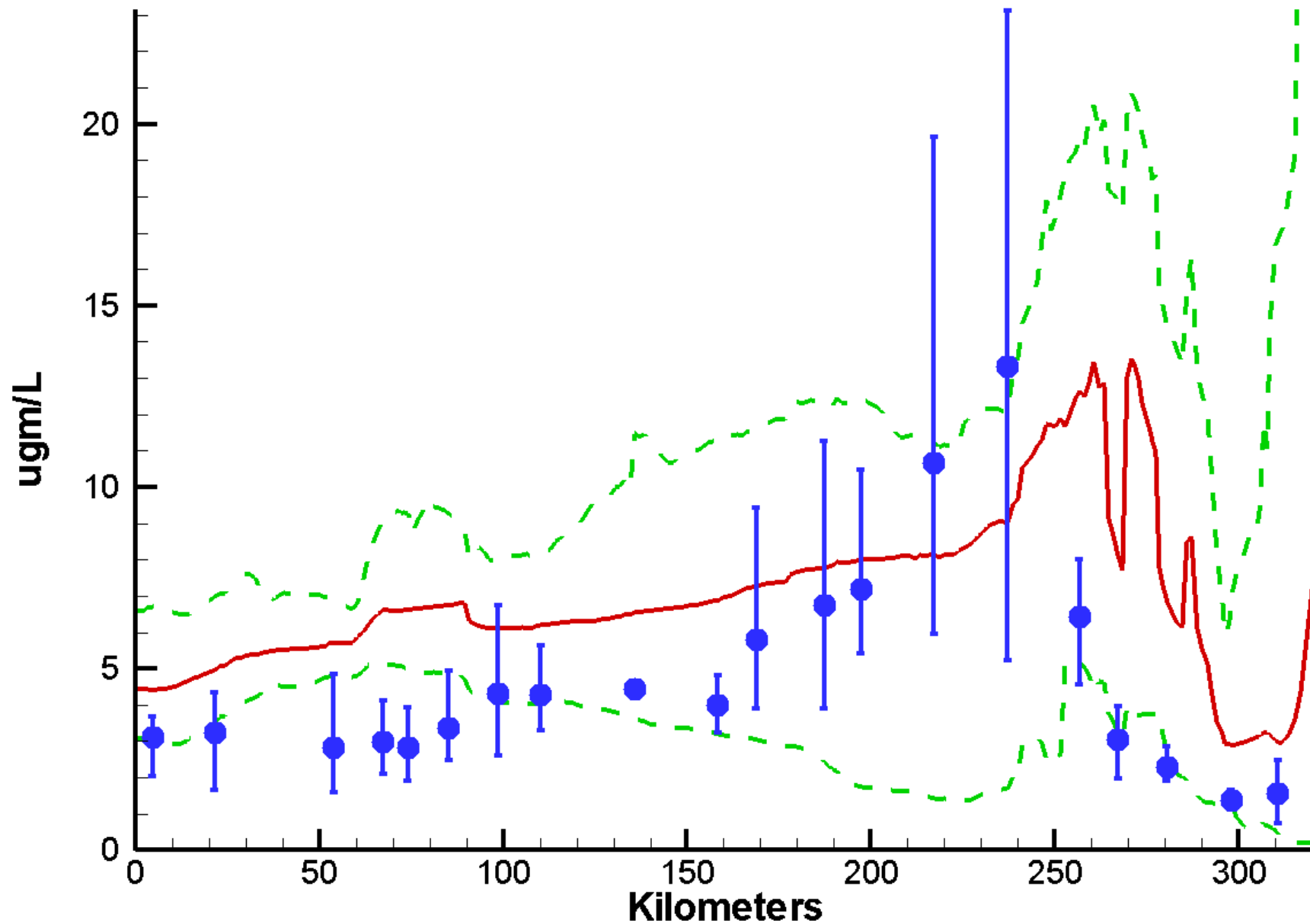
# Mainstem Bay Ches2015 Run118

## Surface Total Suspended Solids Fall 1996



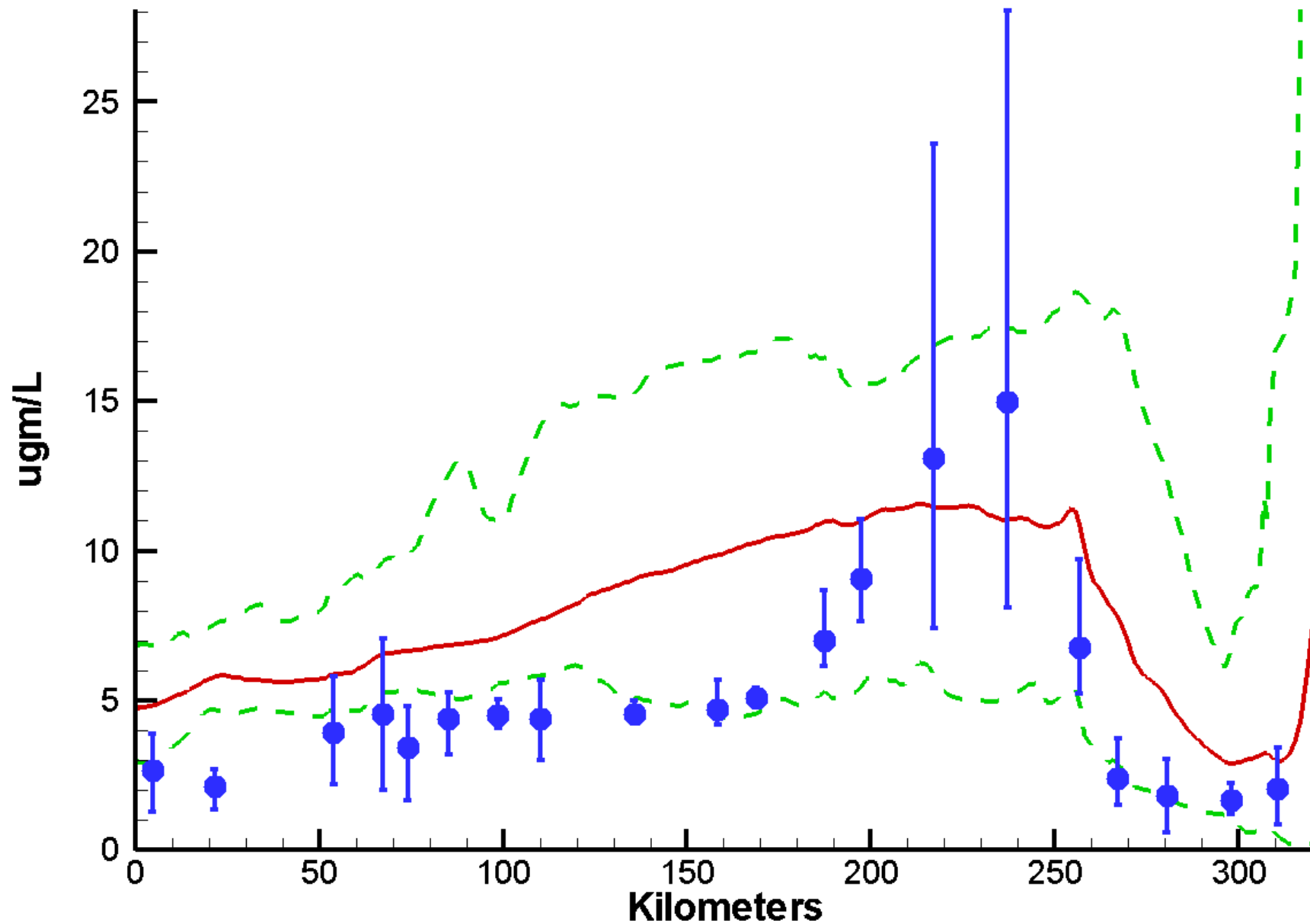
# Mainstem Bay Ches2015 Run118

## Bottom Chlorophyll Winter 1999



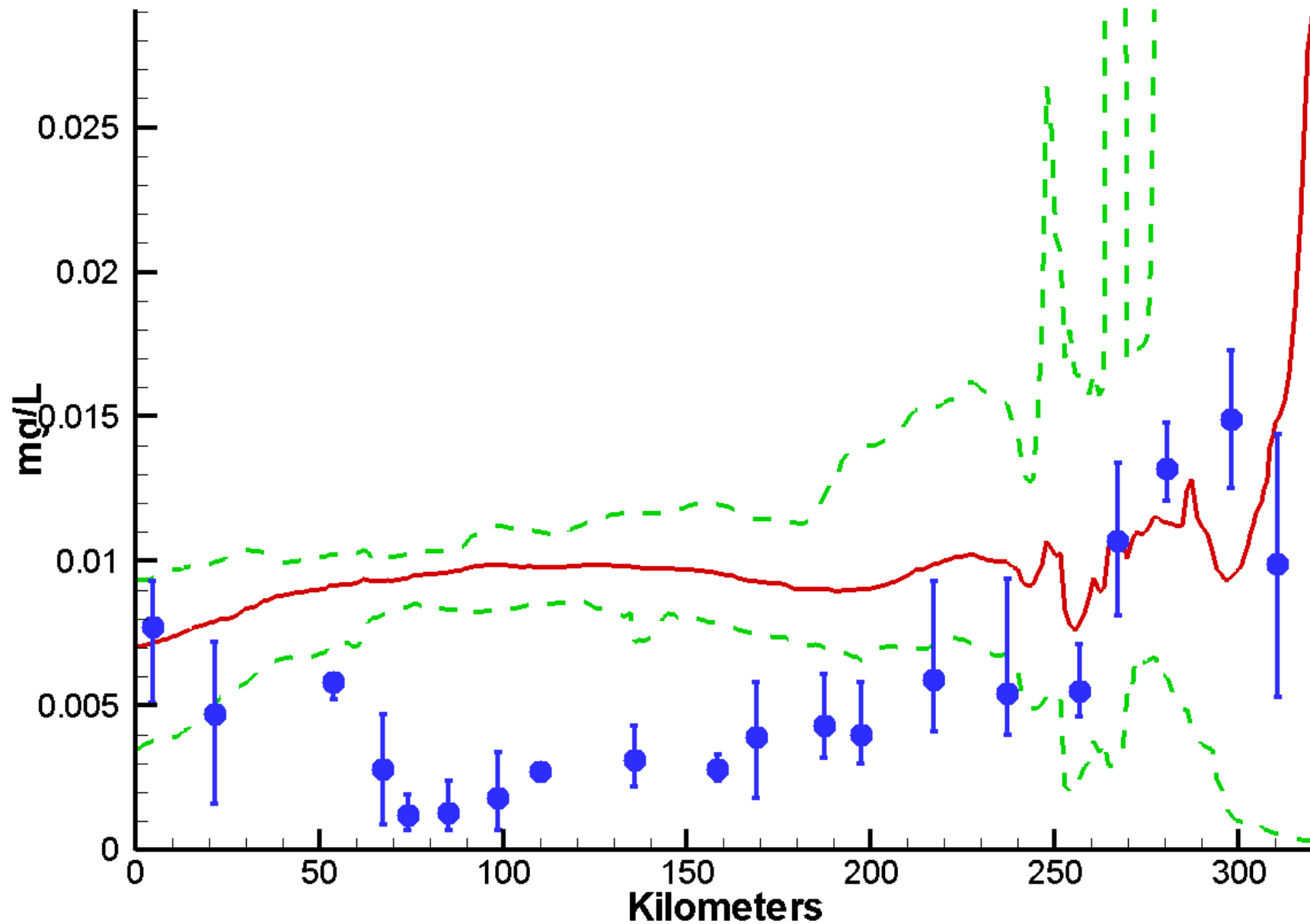
# Mainstem Bay Ches2015 Run118

## Surface Chlorophyll Winter 1999



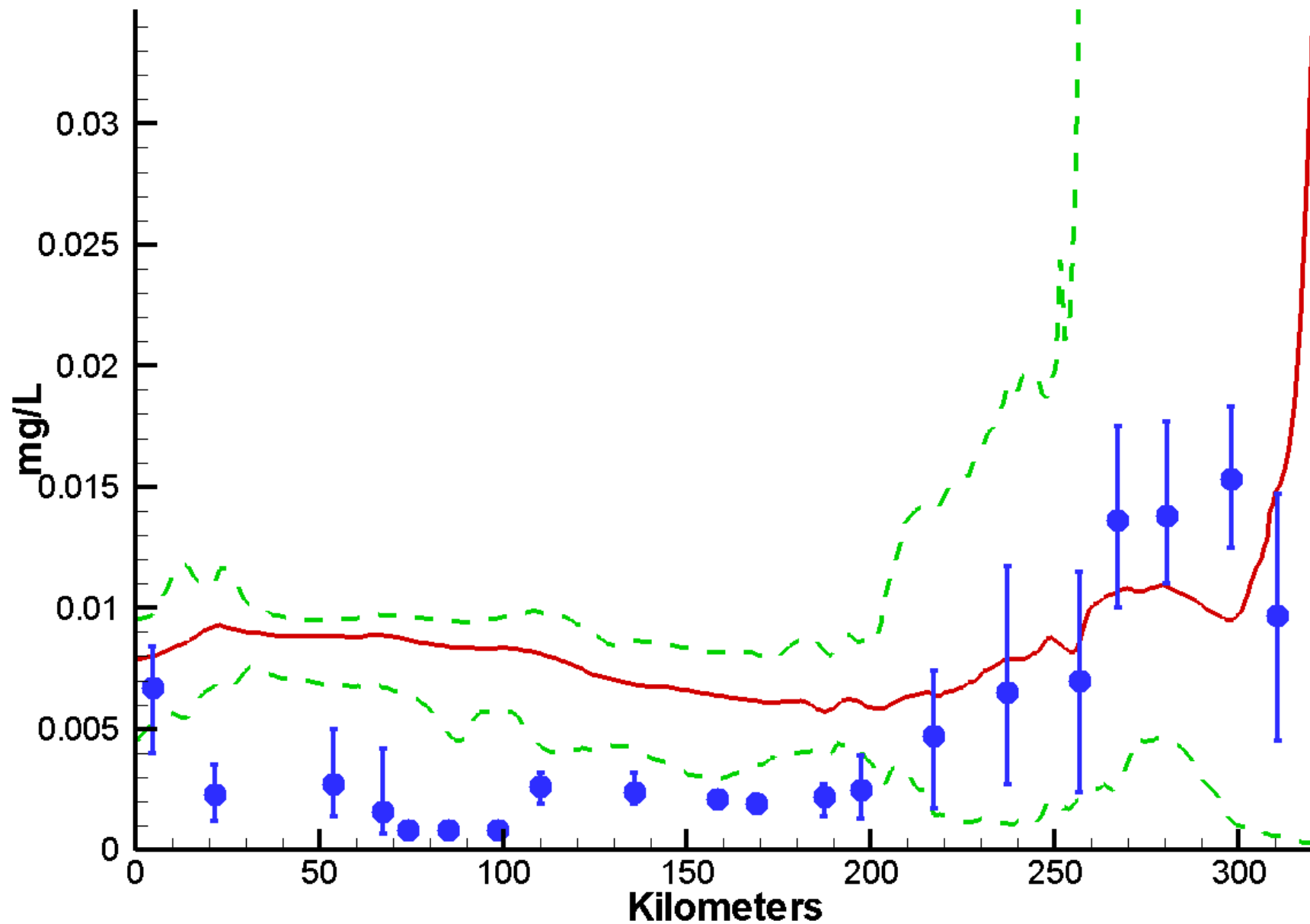
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1999



# Mainstem Bay Ches2015 Run118

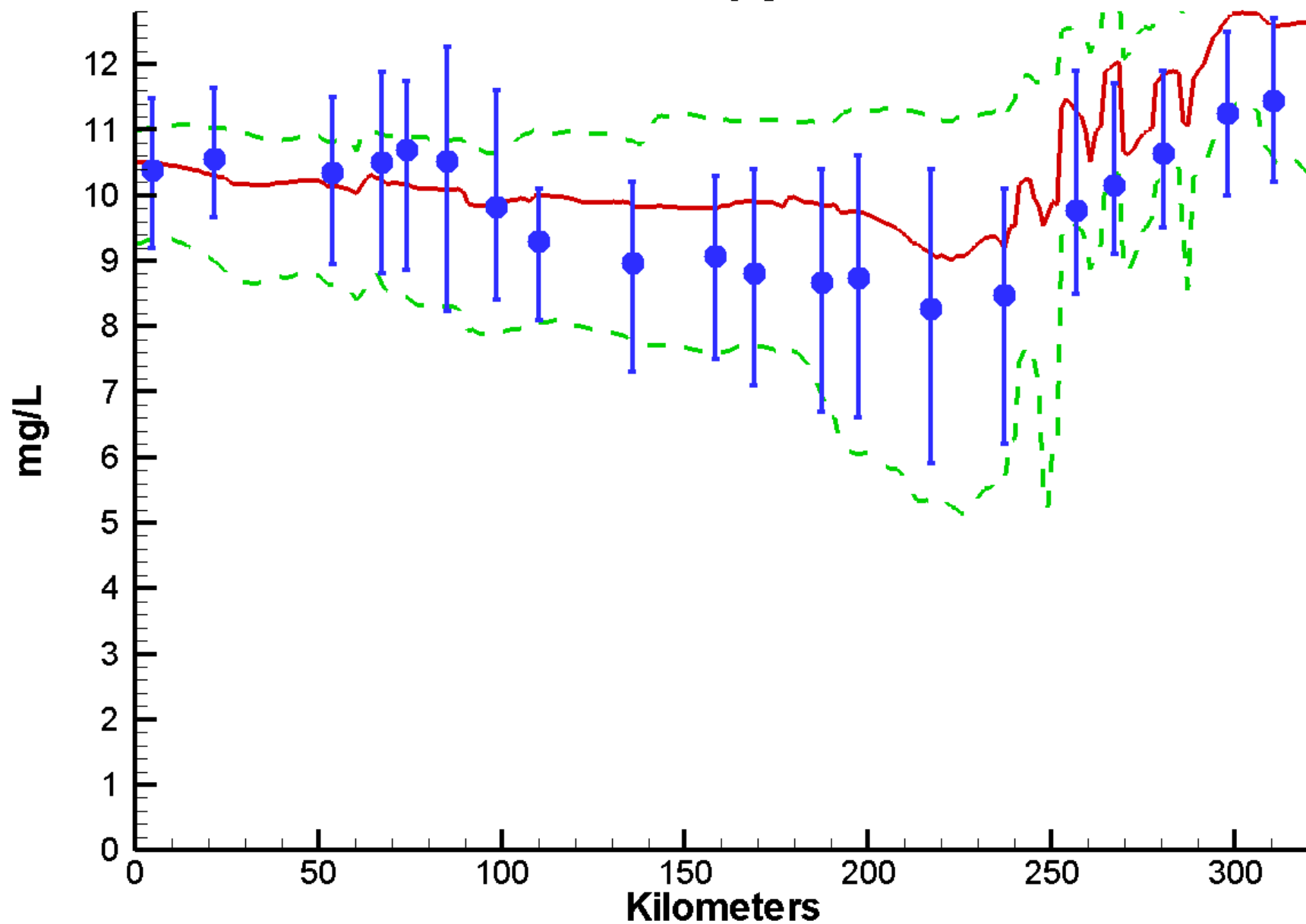
## Surface Dissolved Phosphate Winter 1999





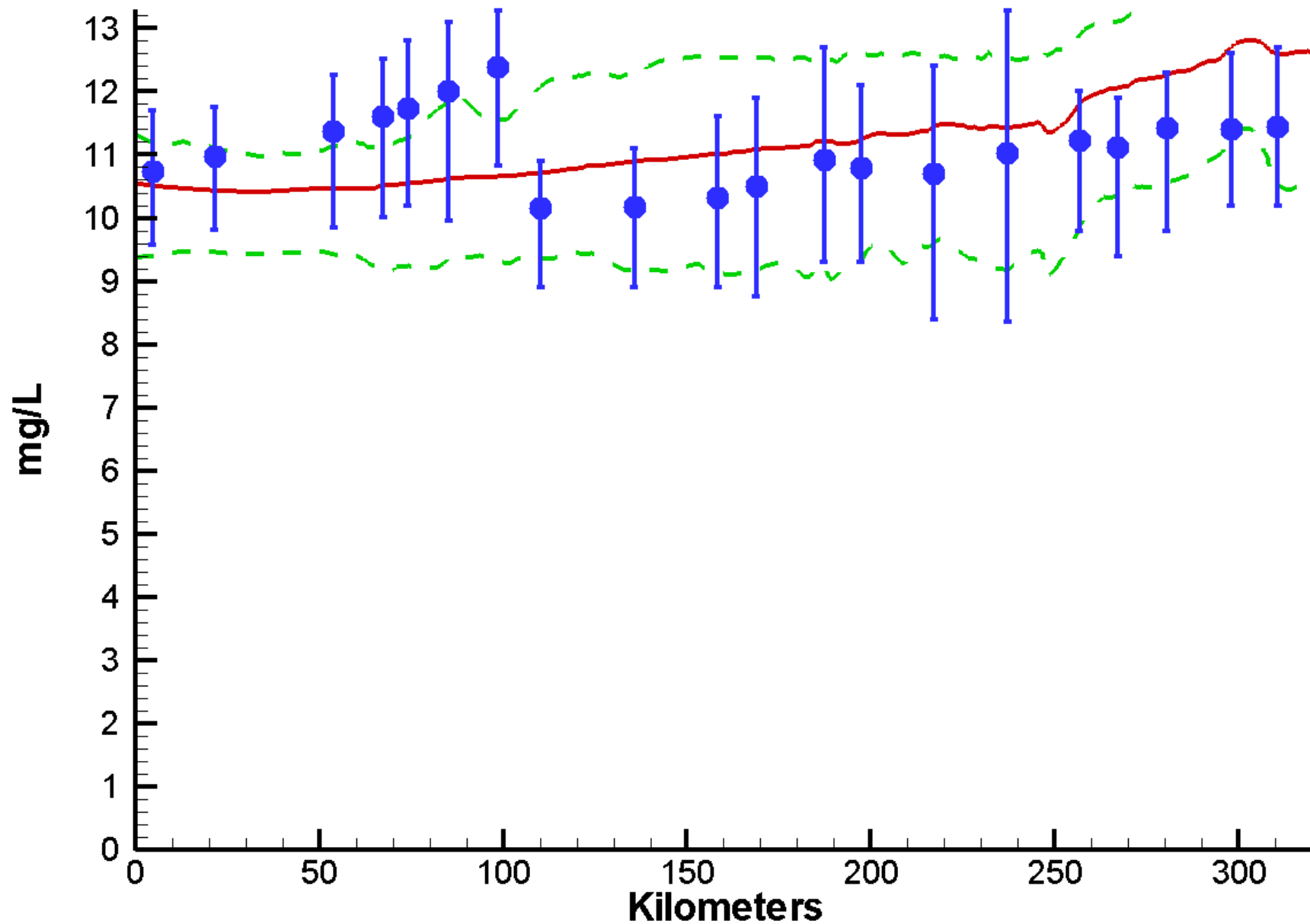
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1999



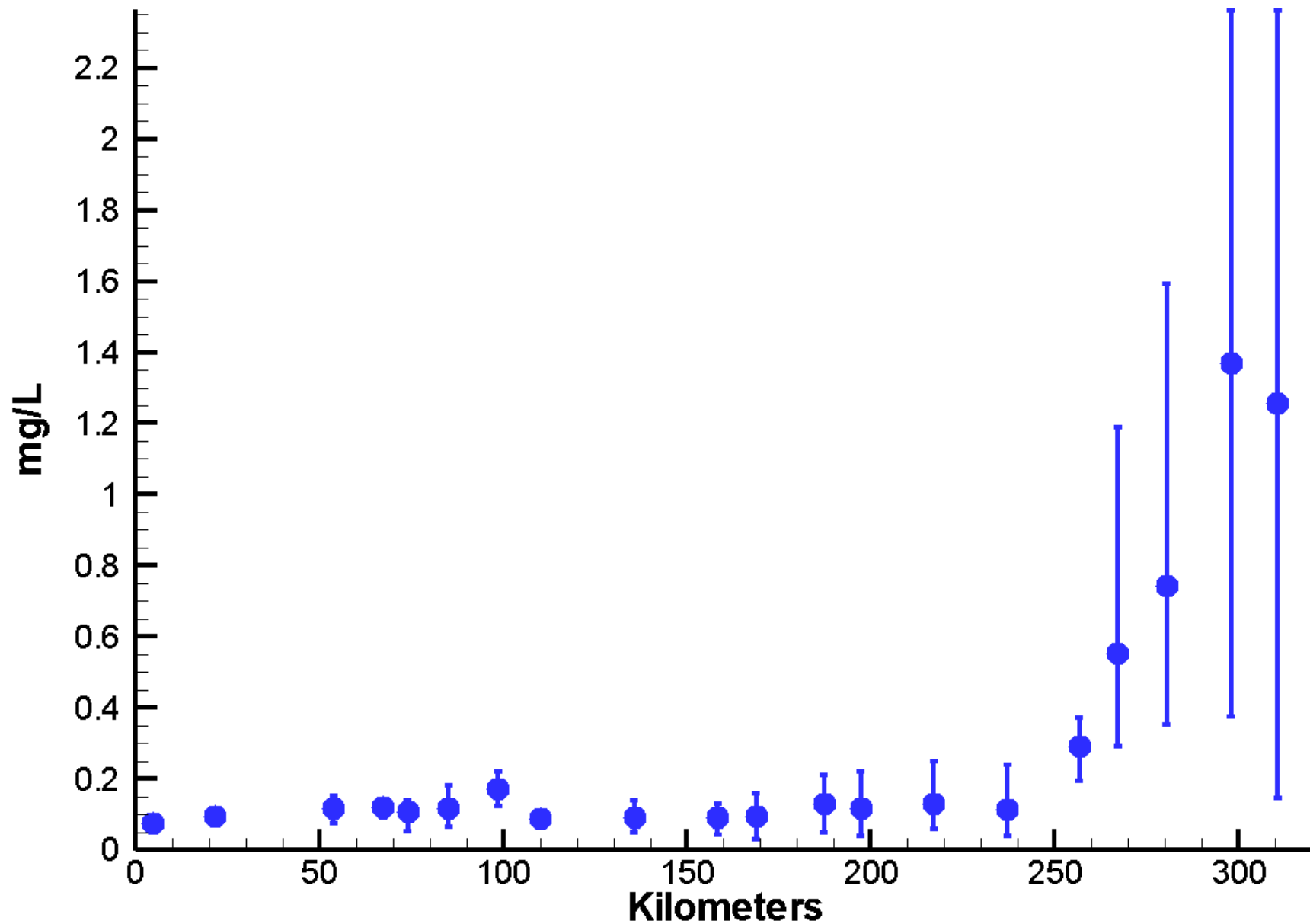
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Oxygen Winter 1999



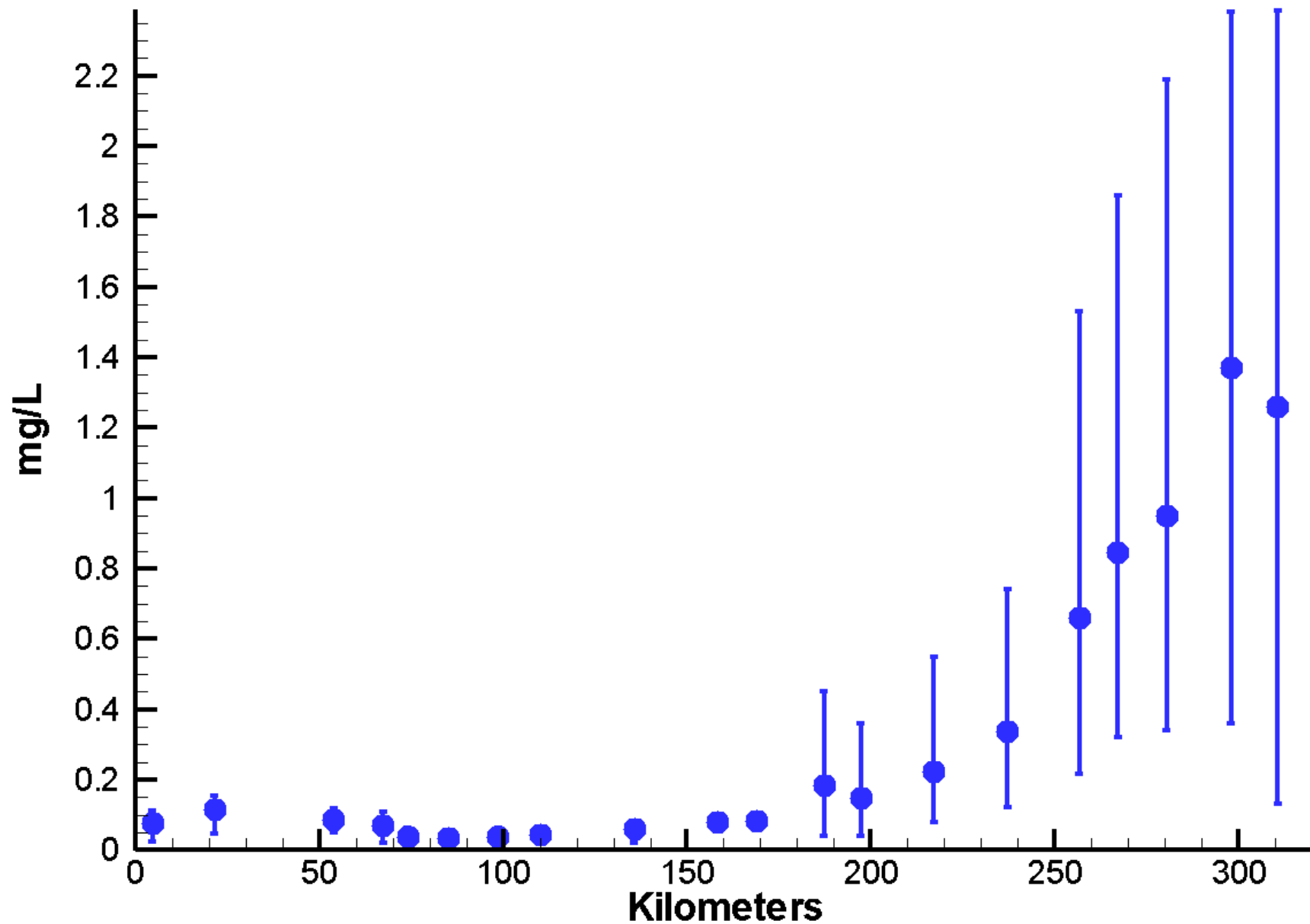
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Silica Winter 1999



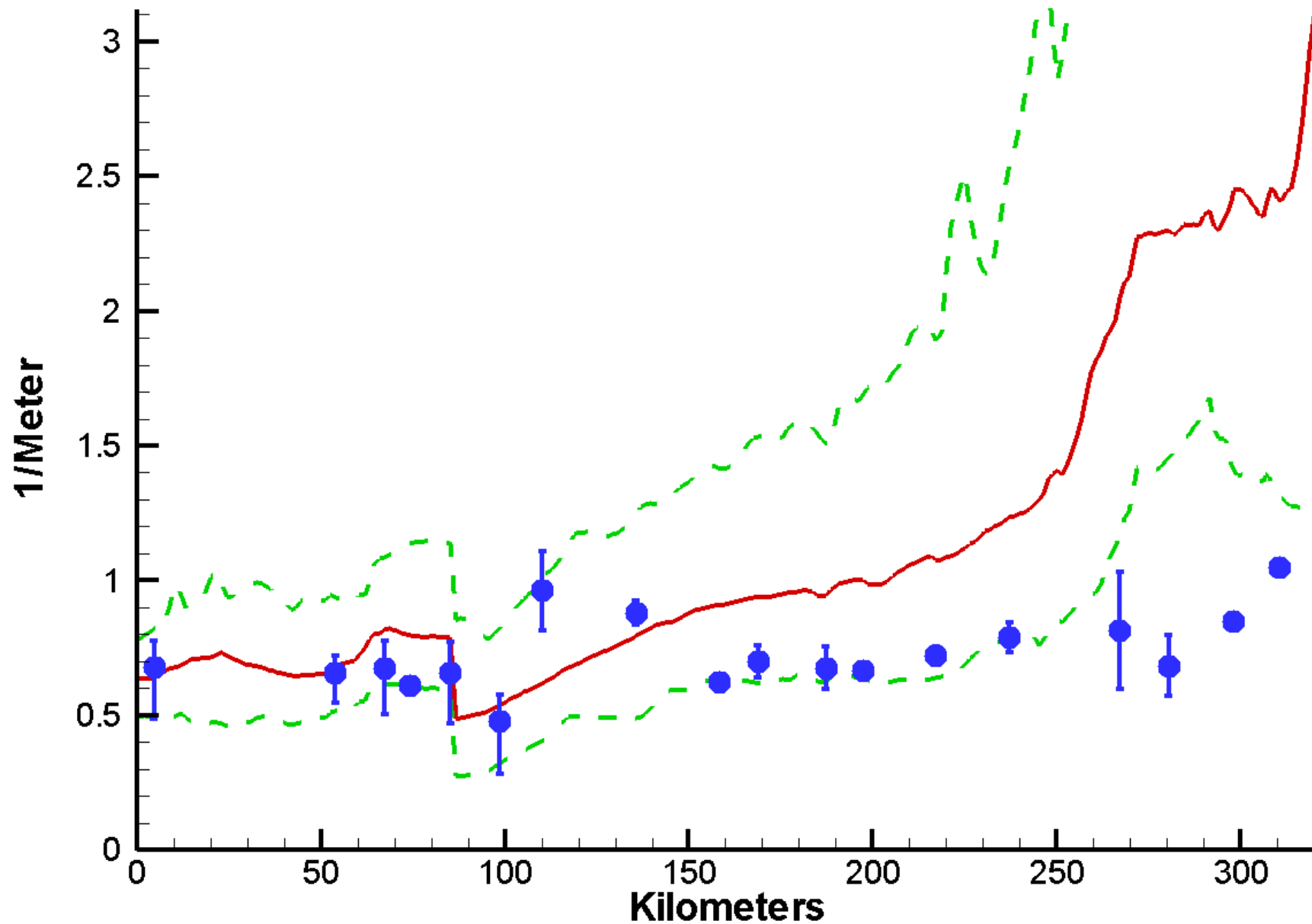
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Silica Winter 1999



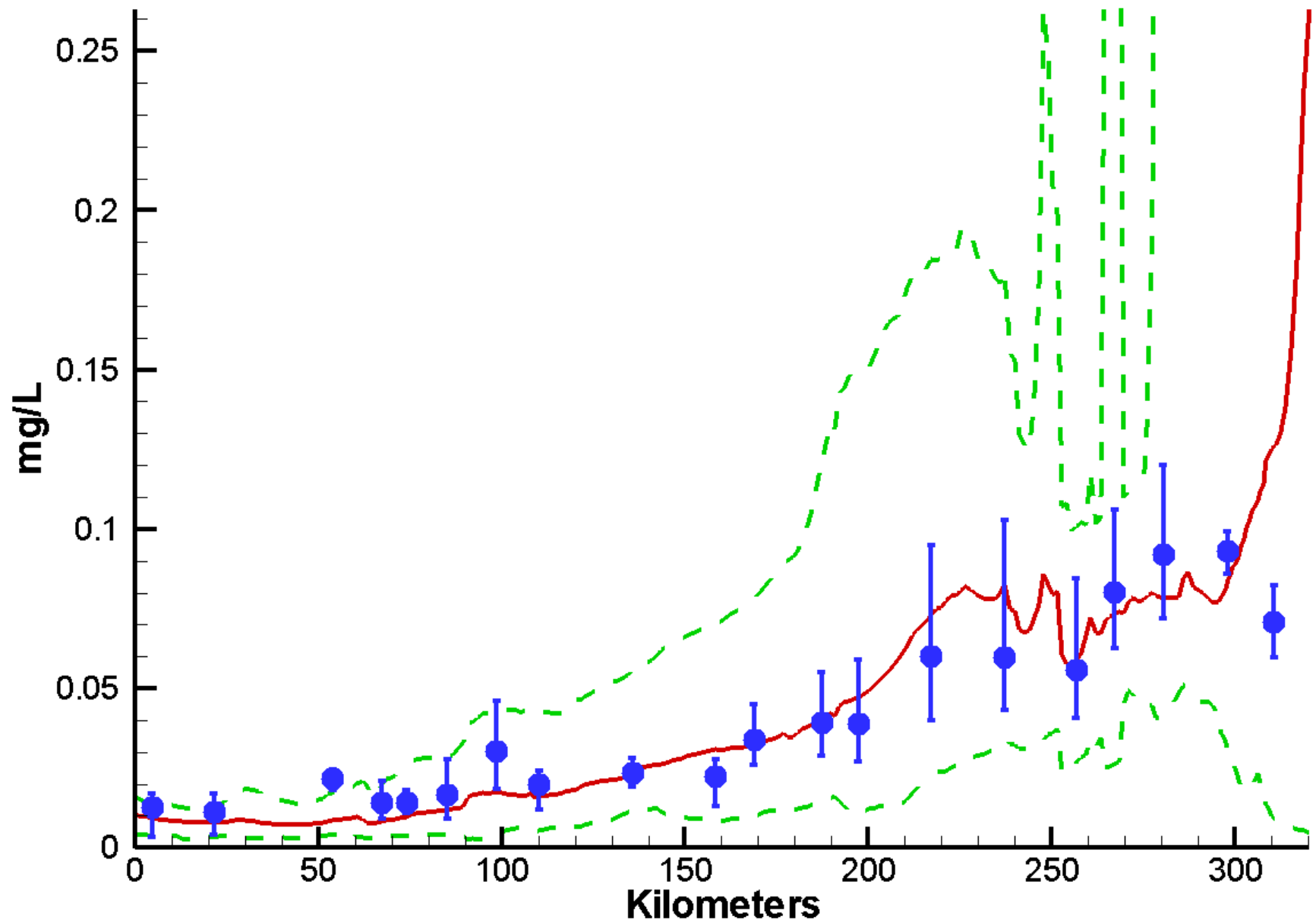
# Mainstem Bay Ches2015 Run118

## Surface Light Extinction Winter 1999



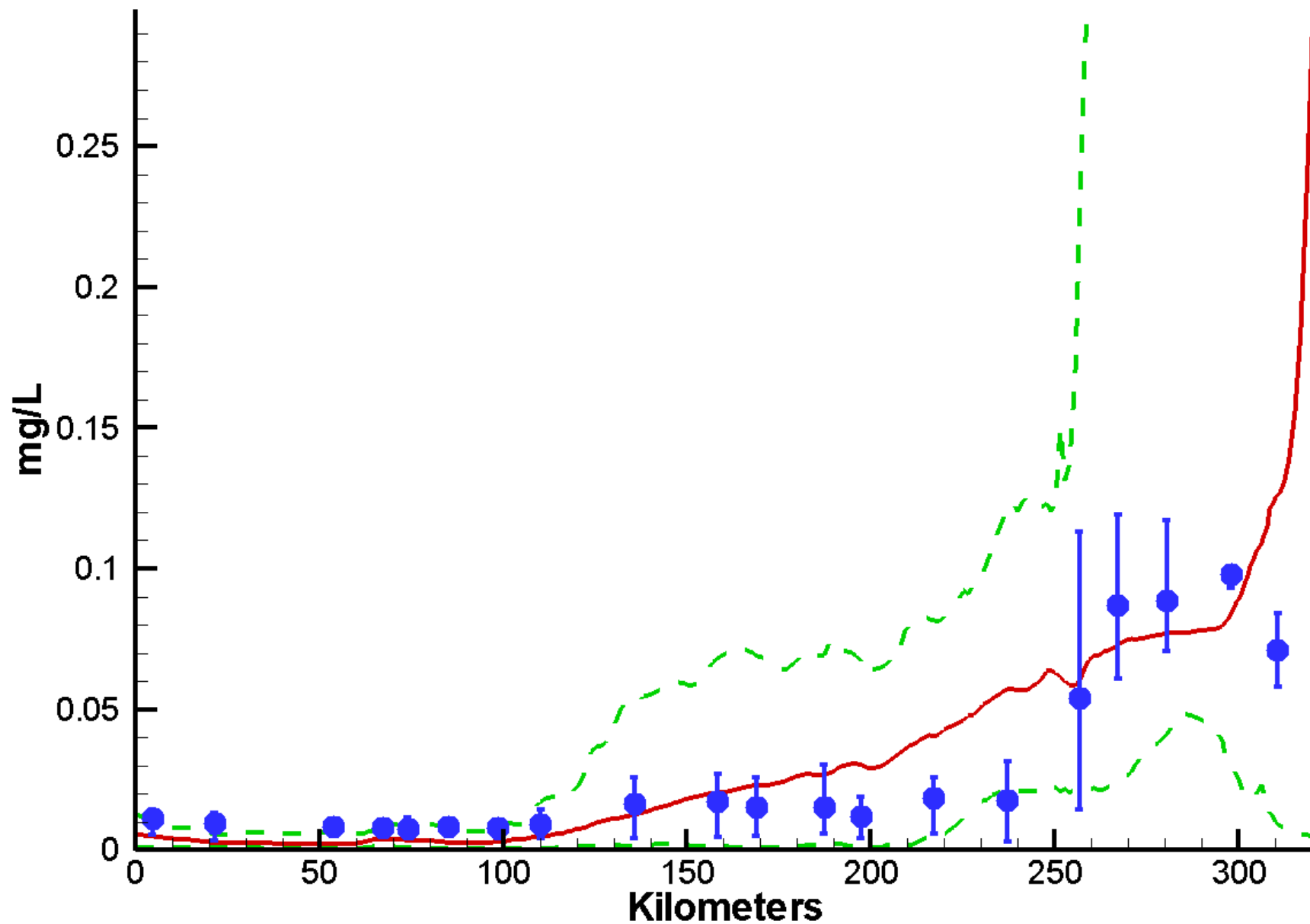
# Mainstem Bay Ches2015 Run118

## Bottom Ammonium Winter 1999



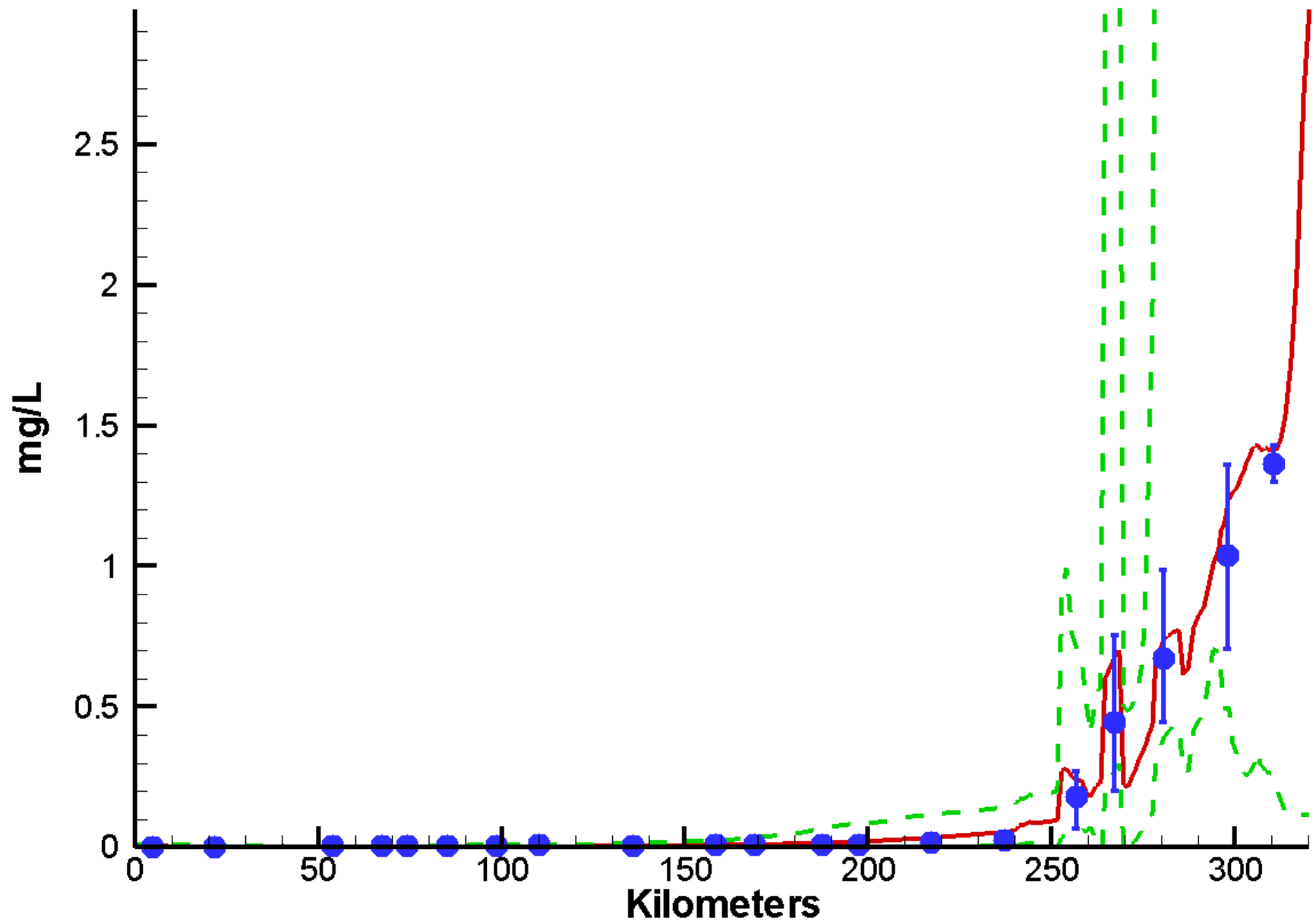
# Mainstem Bay Ches2015 Run118

## Surface Ammonium Winter 1999



# Mainstem Bay Ches2015 Run118

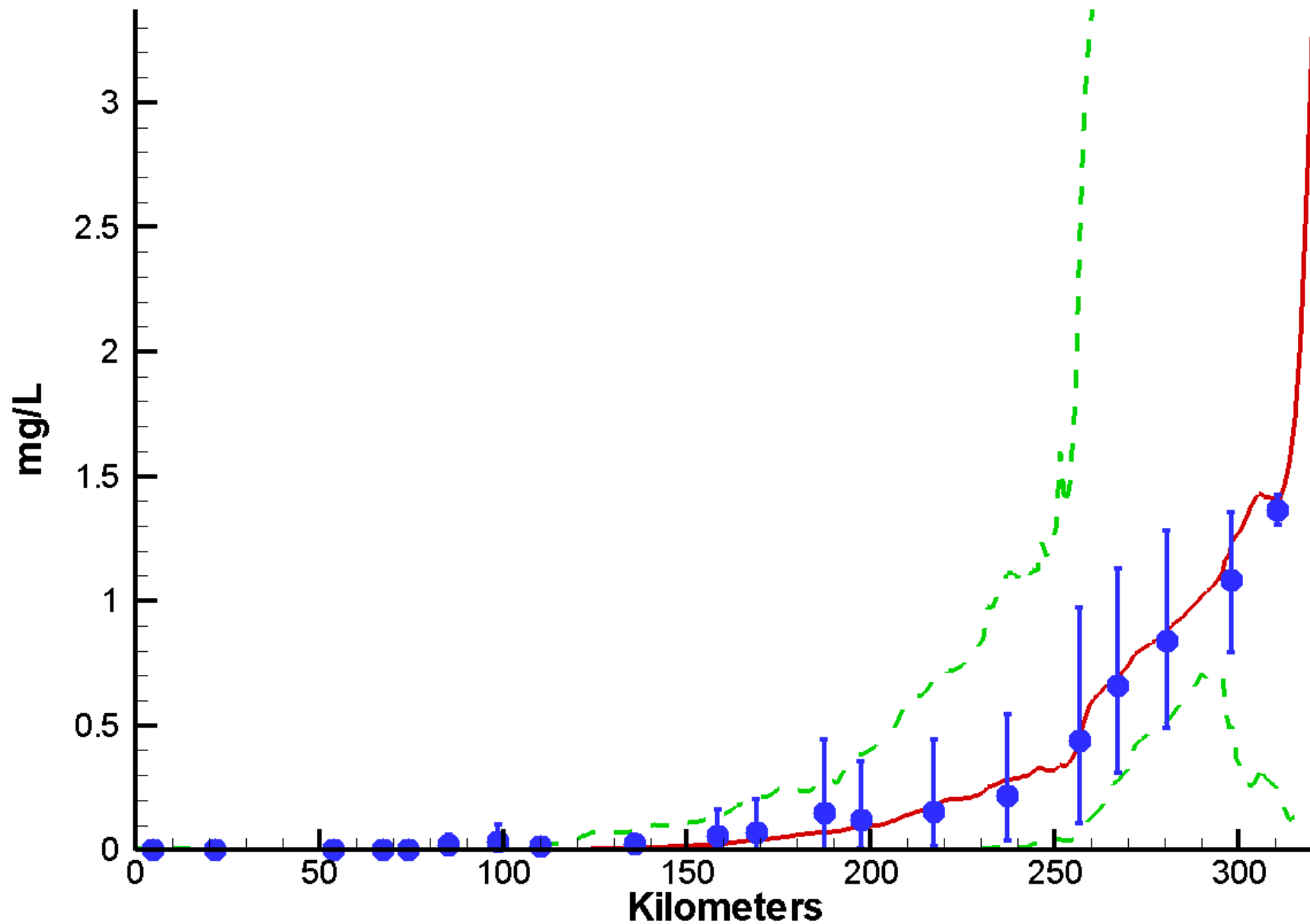
## Bottom Nitrate Winter 1999





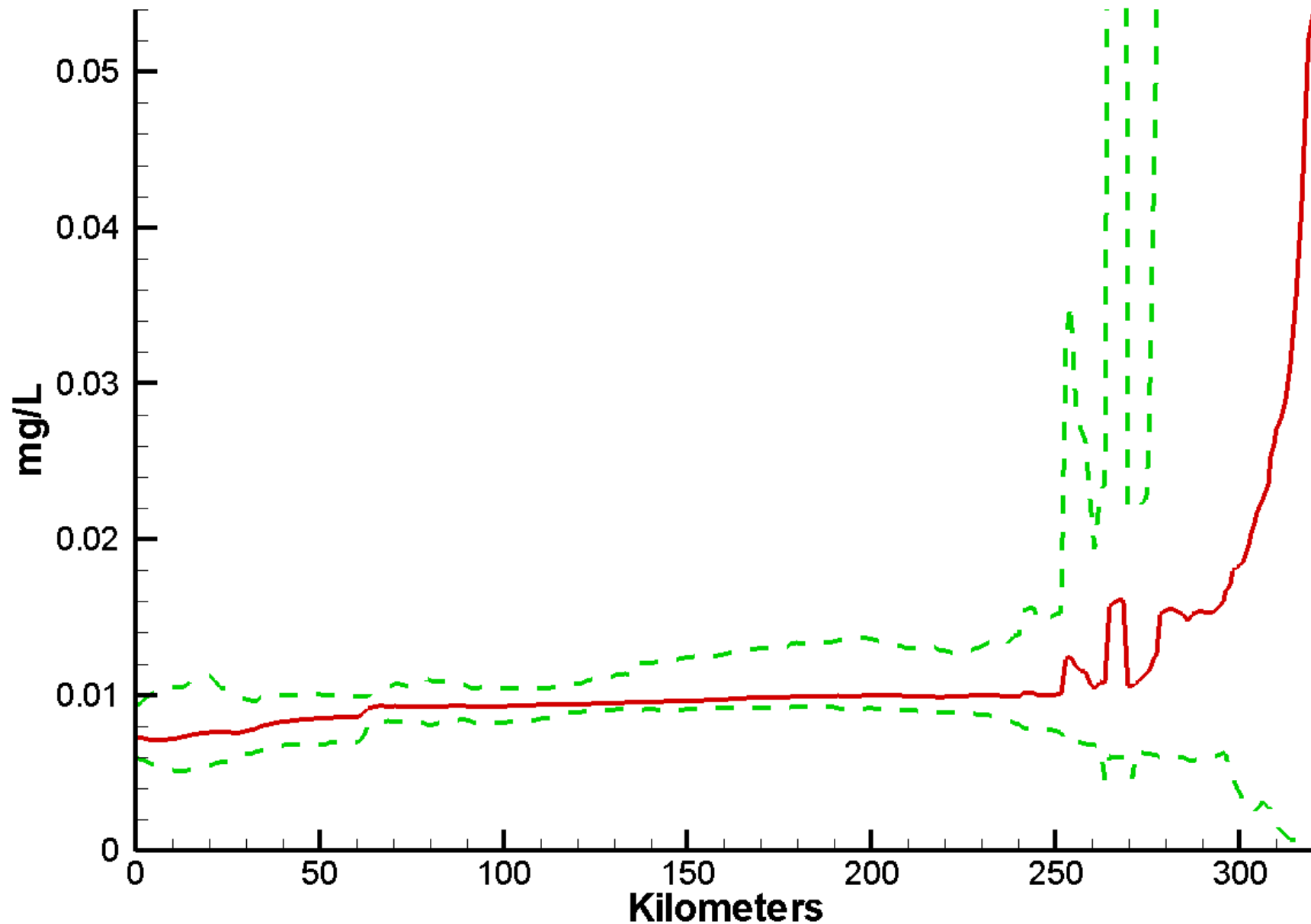
# Mainstem Bay Ches2015 Run118

## Surface Nitrate Winter 1999



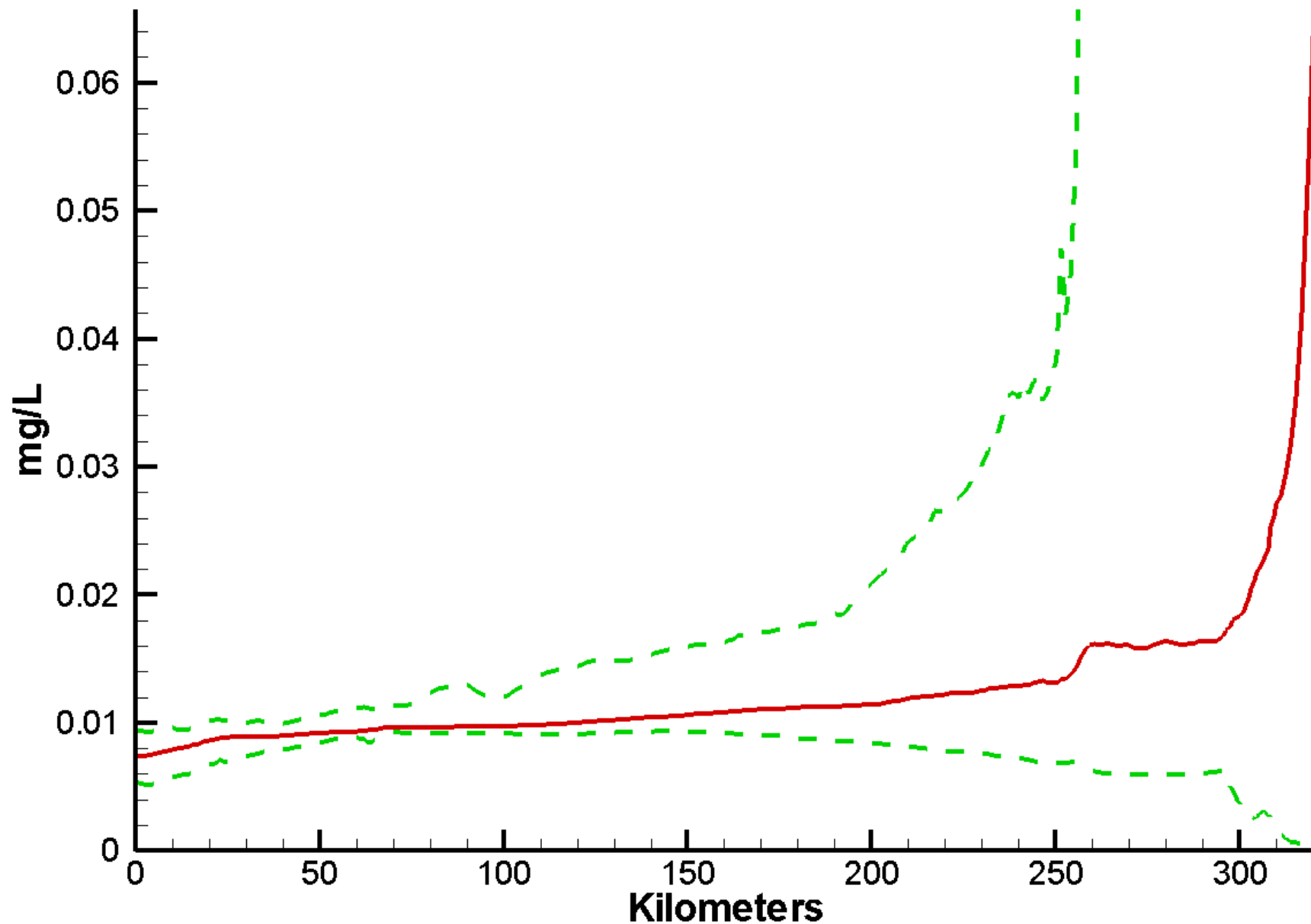
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1999



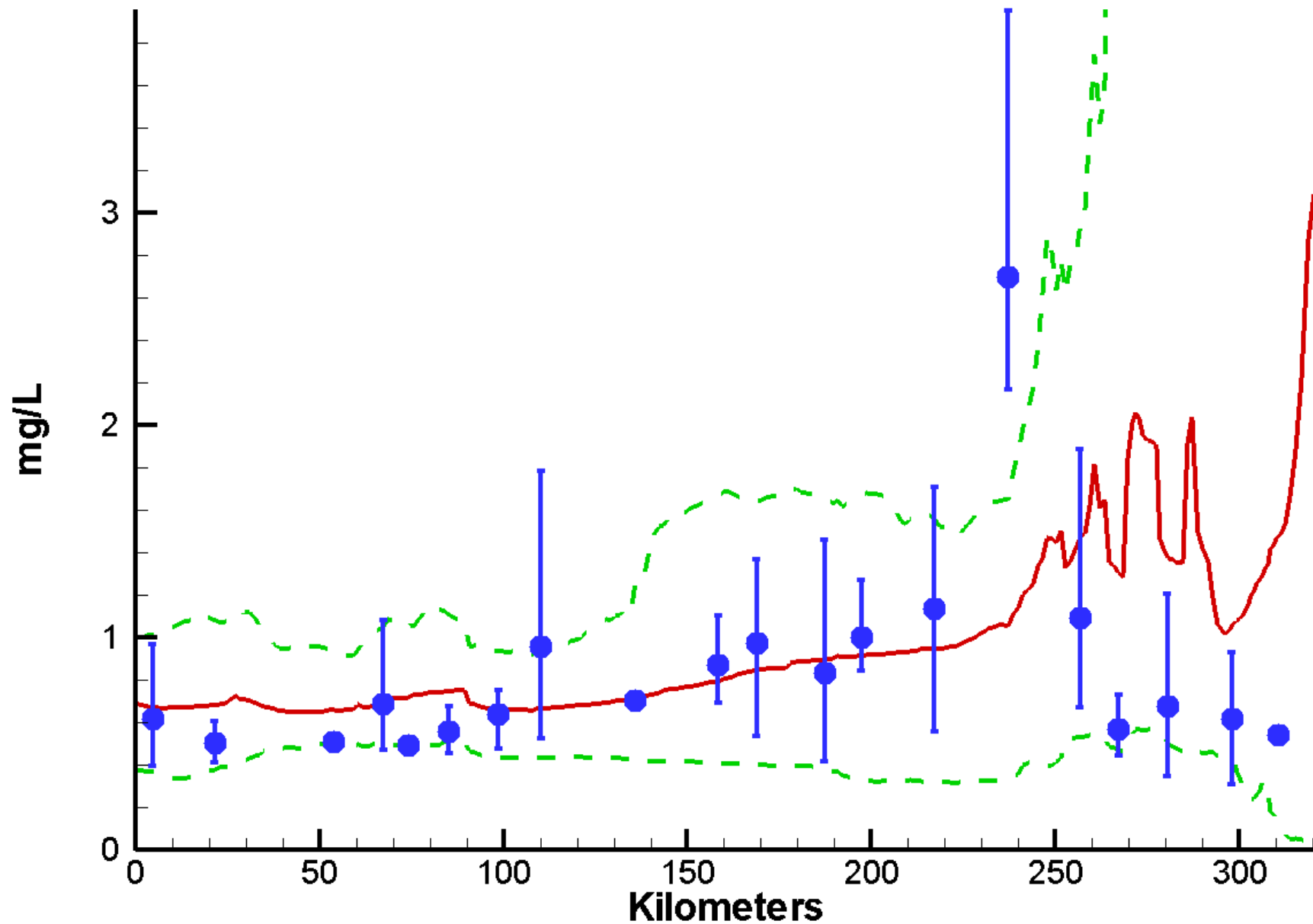
# Mainstem Bay Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1999



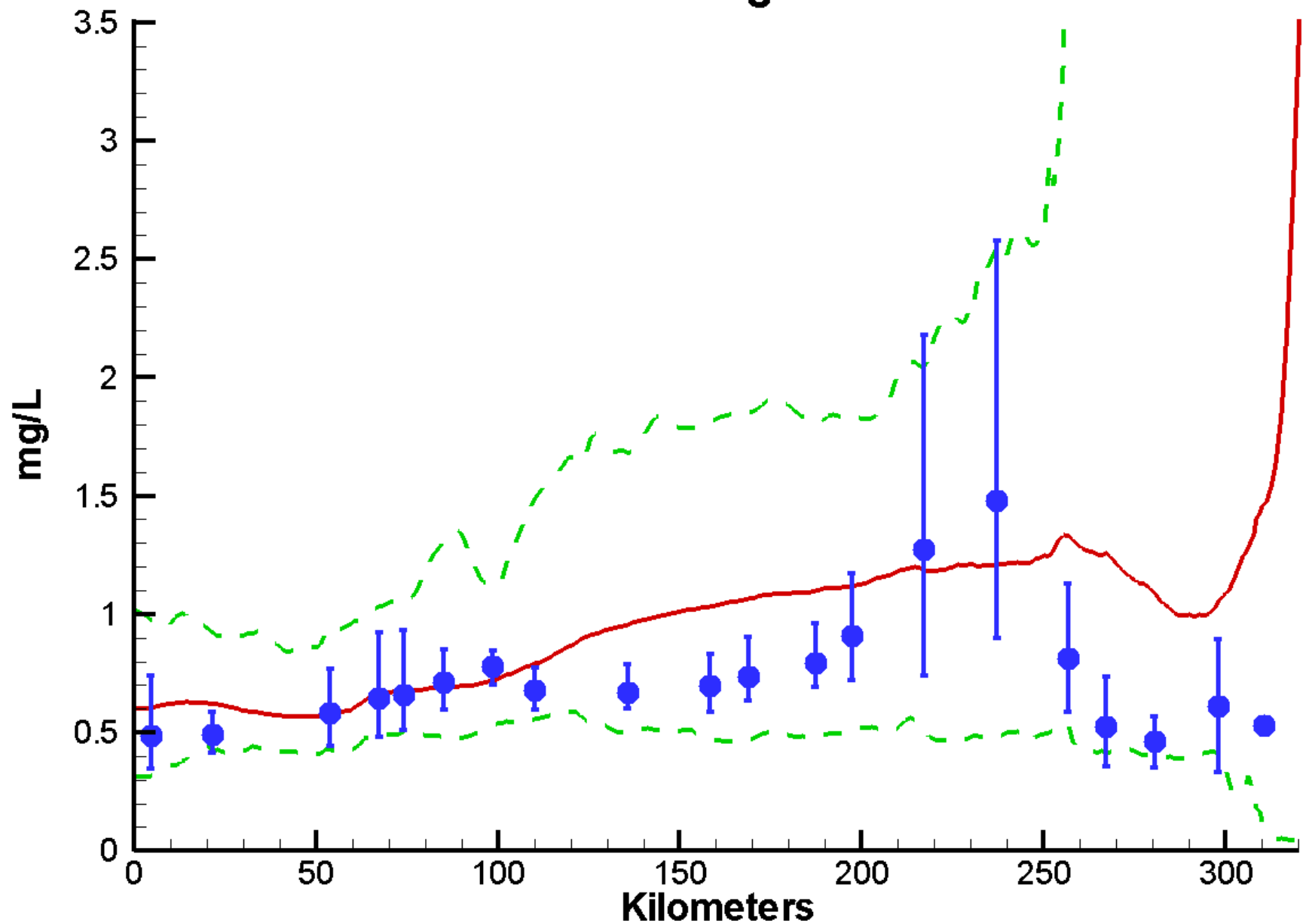
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Organic Carbon Winter 1999



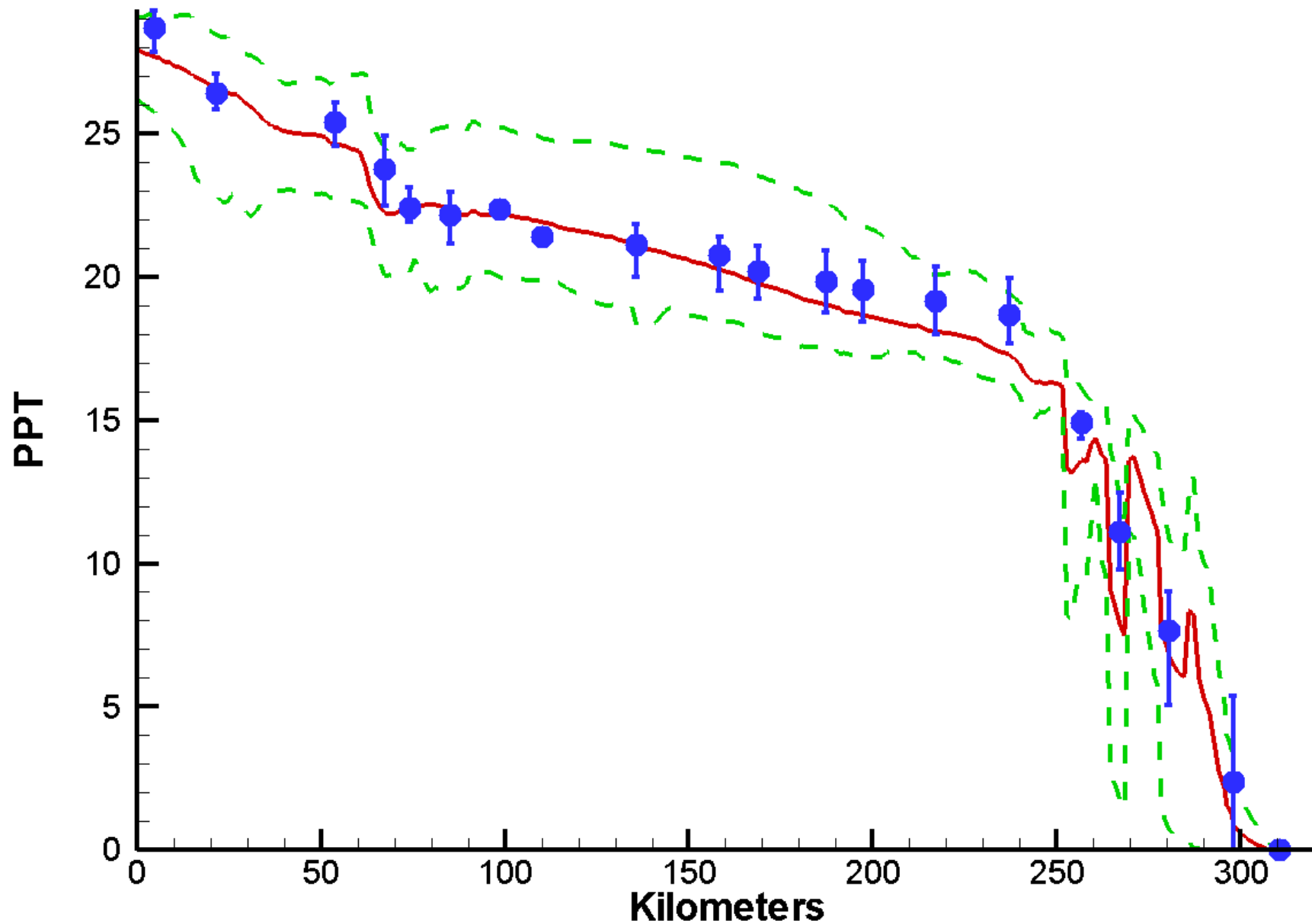
# Mainstem Bay Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1999



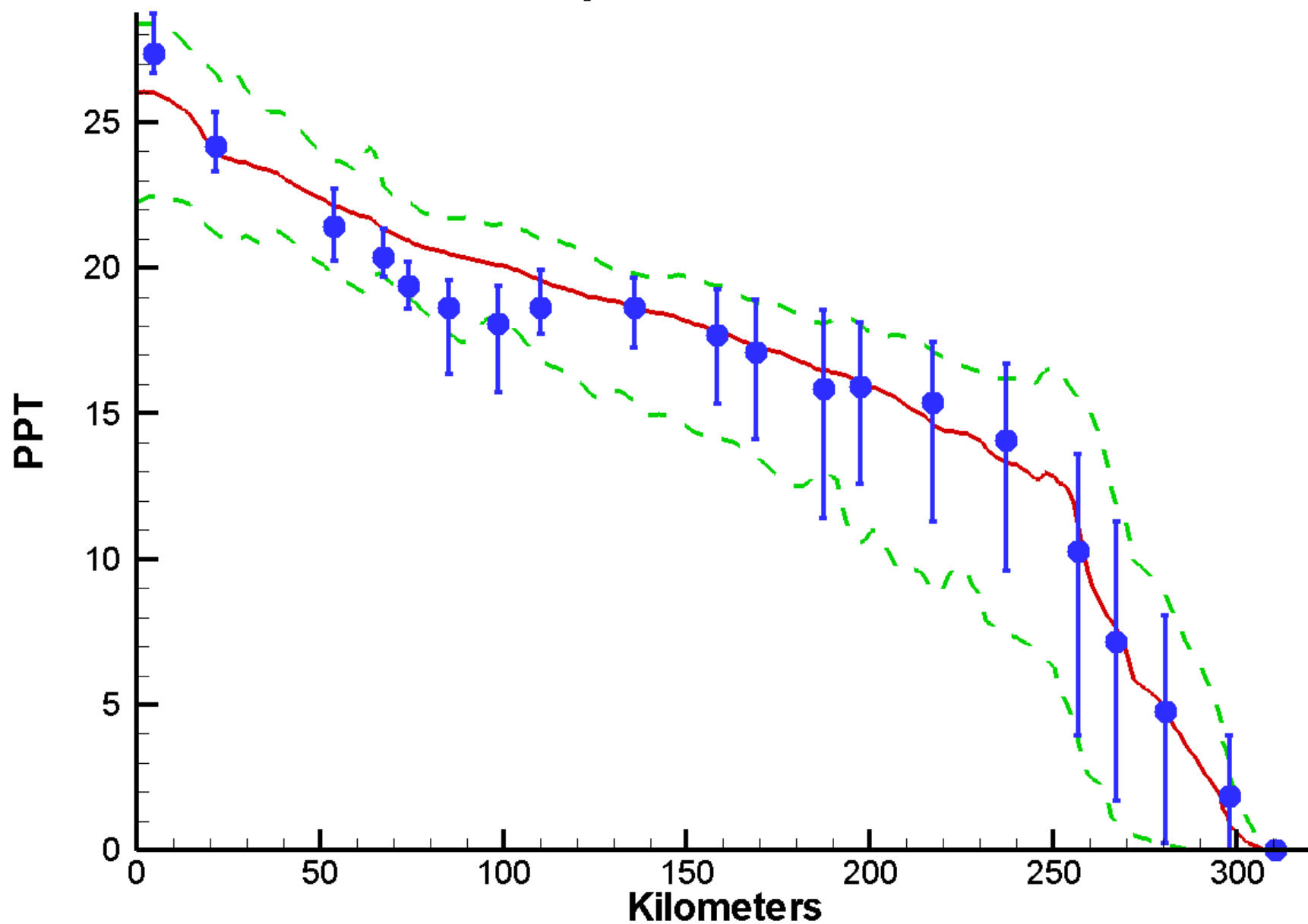
# Mainstem Bay Ches2015 Run118

## Bottom Salinity Winter 1999

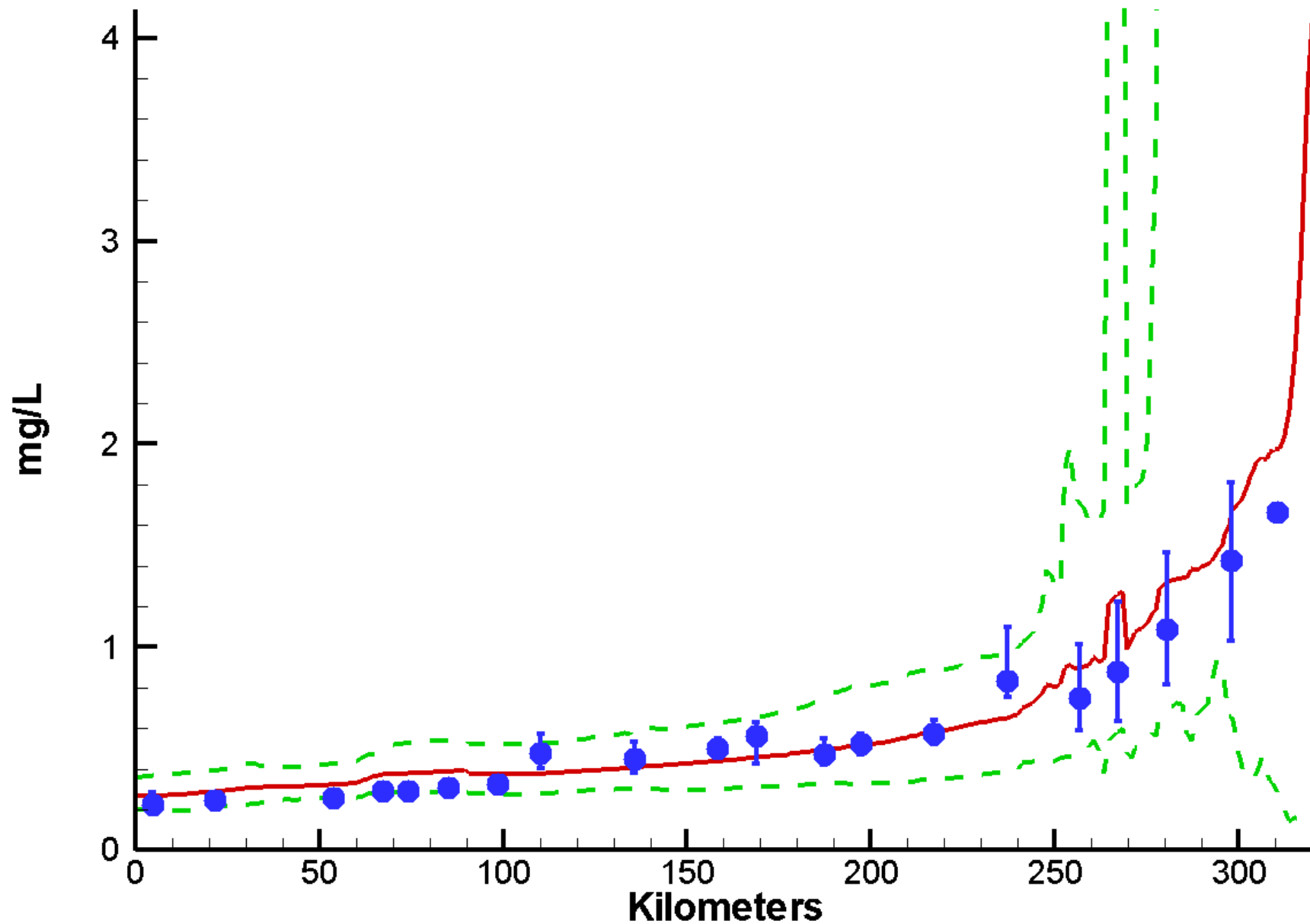


# Mainstem Bay Ches2015 Run118

## Surface Salinity Winter 1999



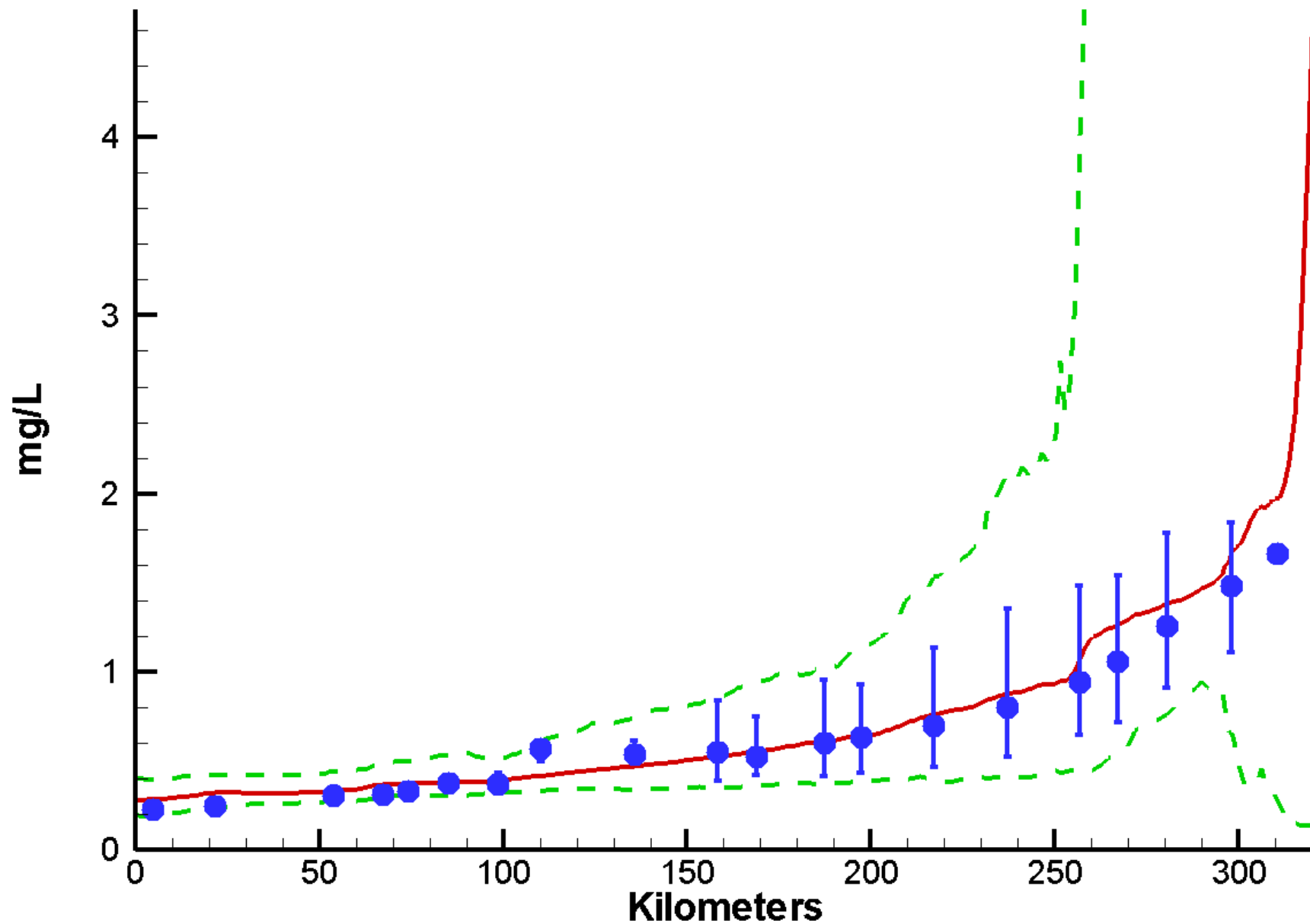
# Mainstem Bay Ches2015 Run118 Bottom Total Nitrogen Winter 1999





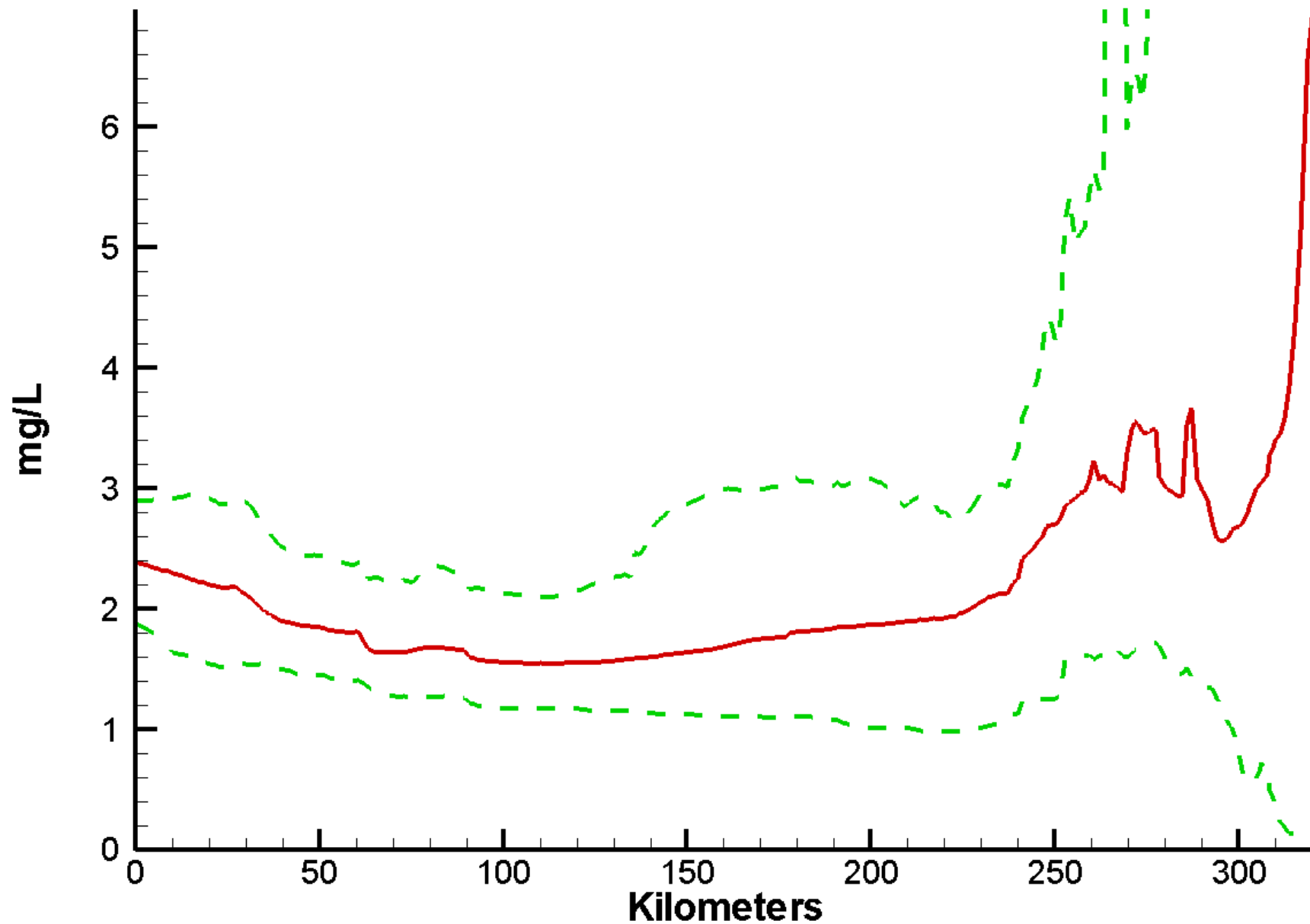
# Mainstem Bay Ches2015 Run118

## Surface Total Nitrogen Winter 1999



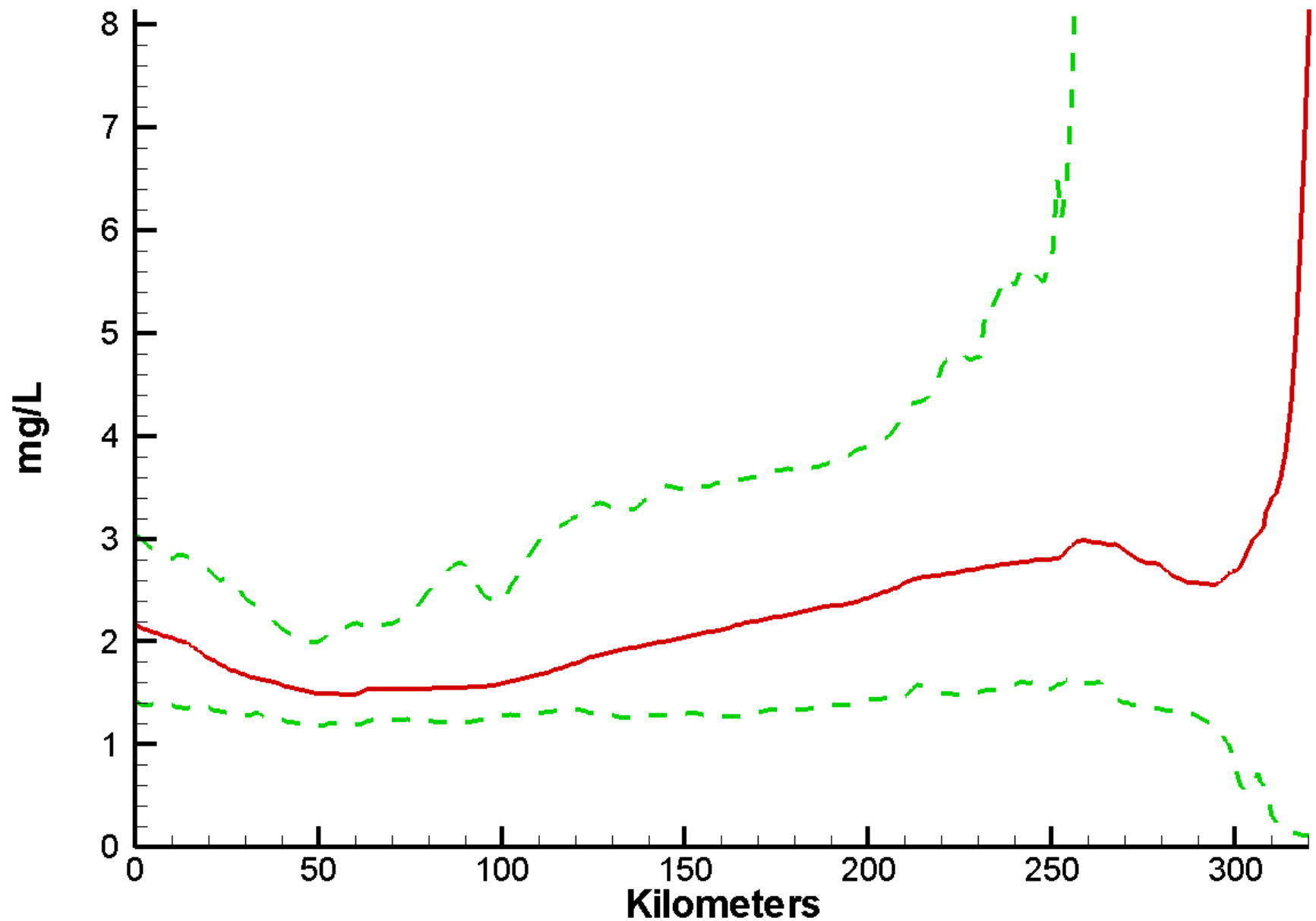
# Mainstem Bay Ches2015 Run118

## Bottom Total Organic Carbon Winter 1999



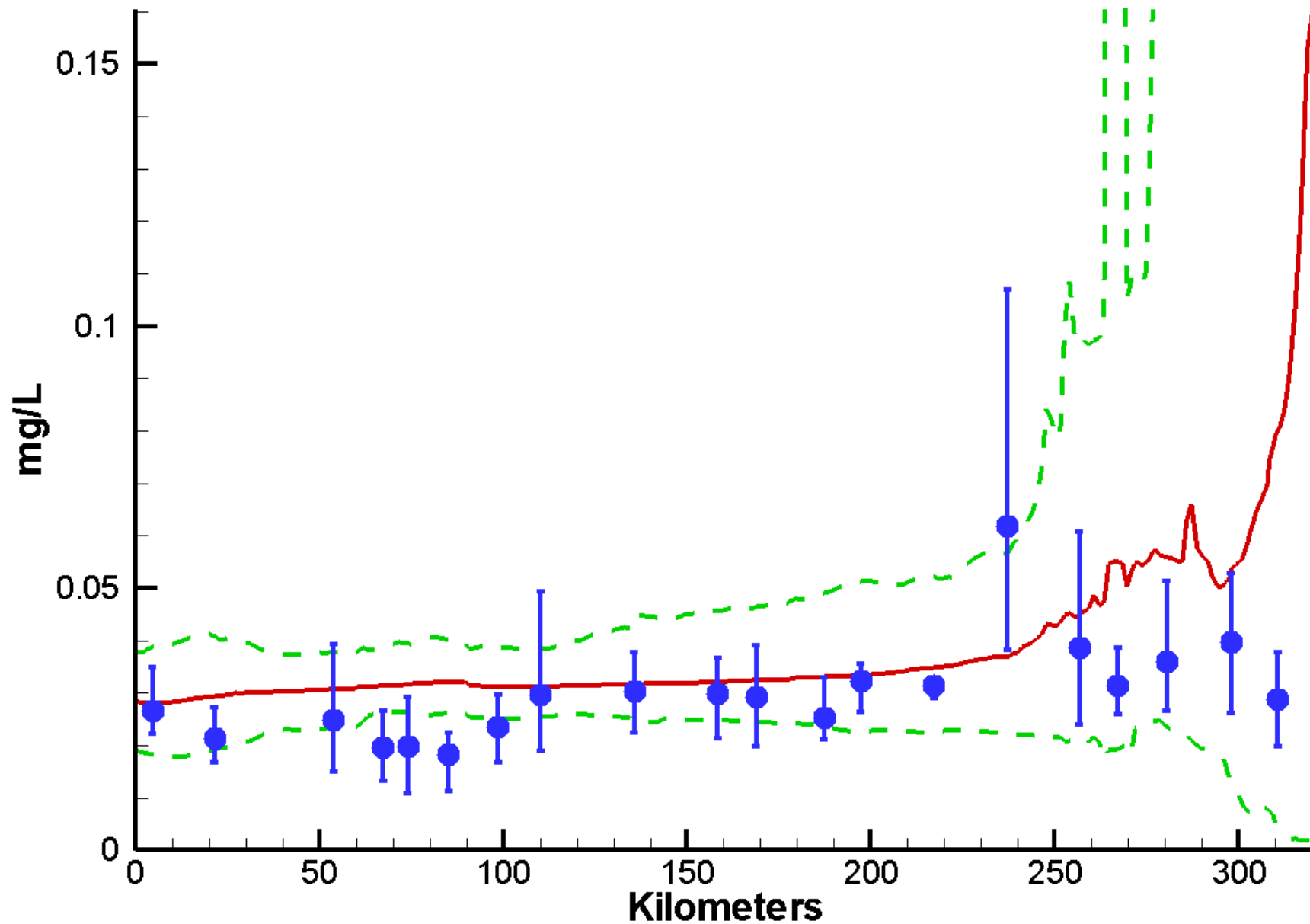
# Mainstem Bay Ches2015 Run118

## Surface Total Organic Carbon Winter 1999



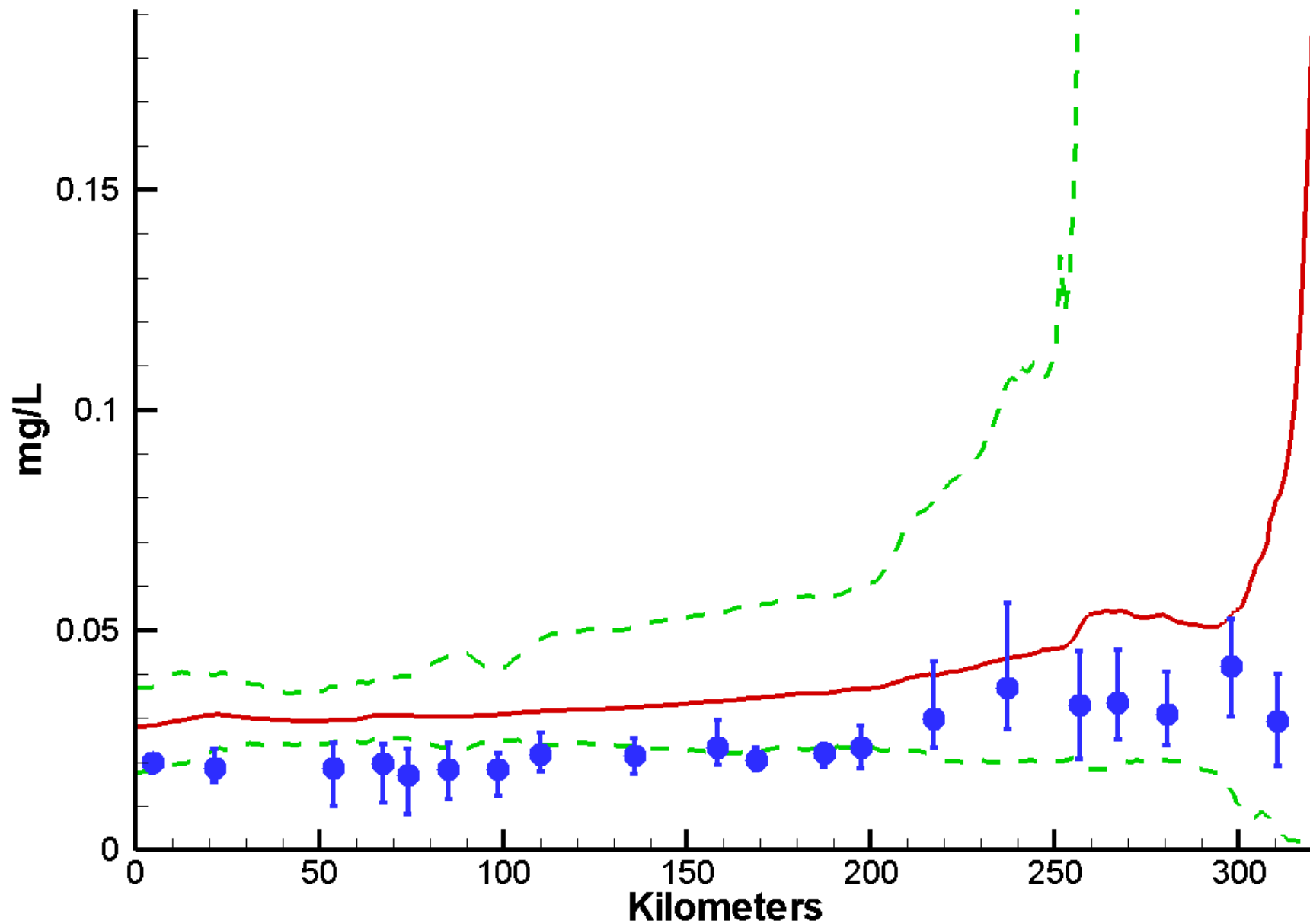
# Mainstem Bay Ches2015 Run118

## Bottom Total Phosphorus Winter 1999



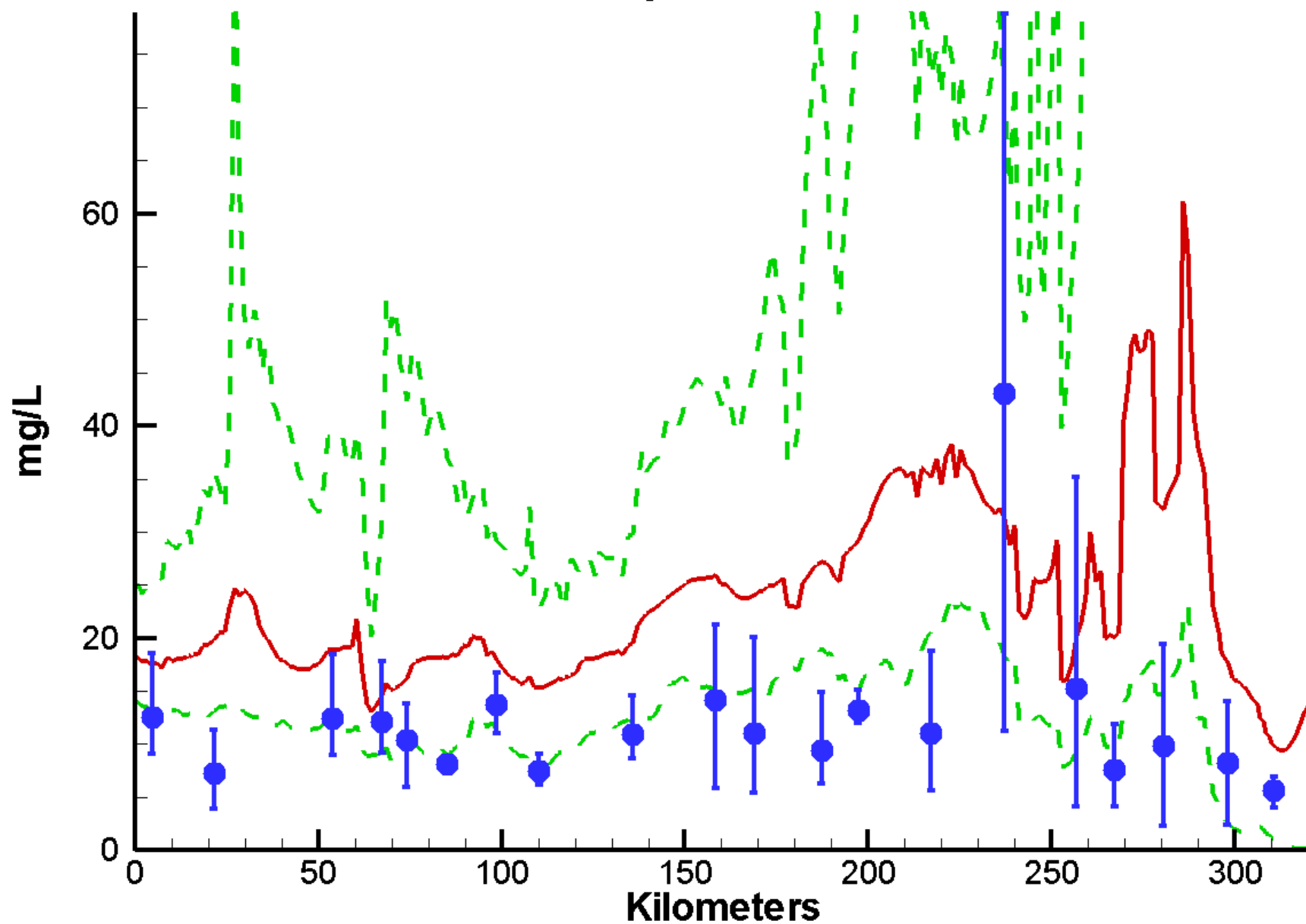
# Mainstem Bay Ches2015 Run118

## Surface Total Phosphorus Winter 1999



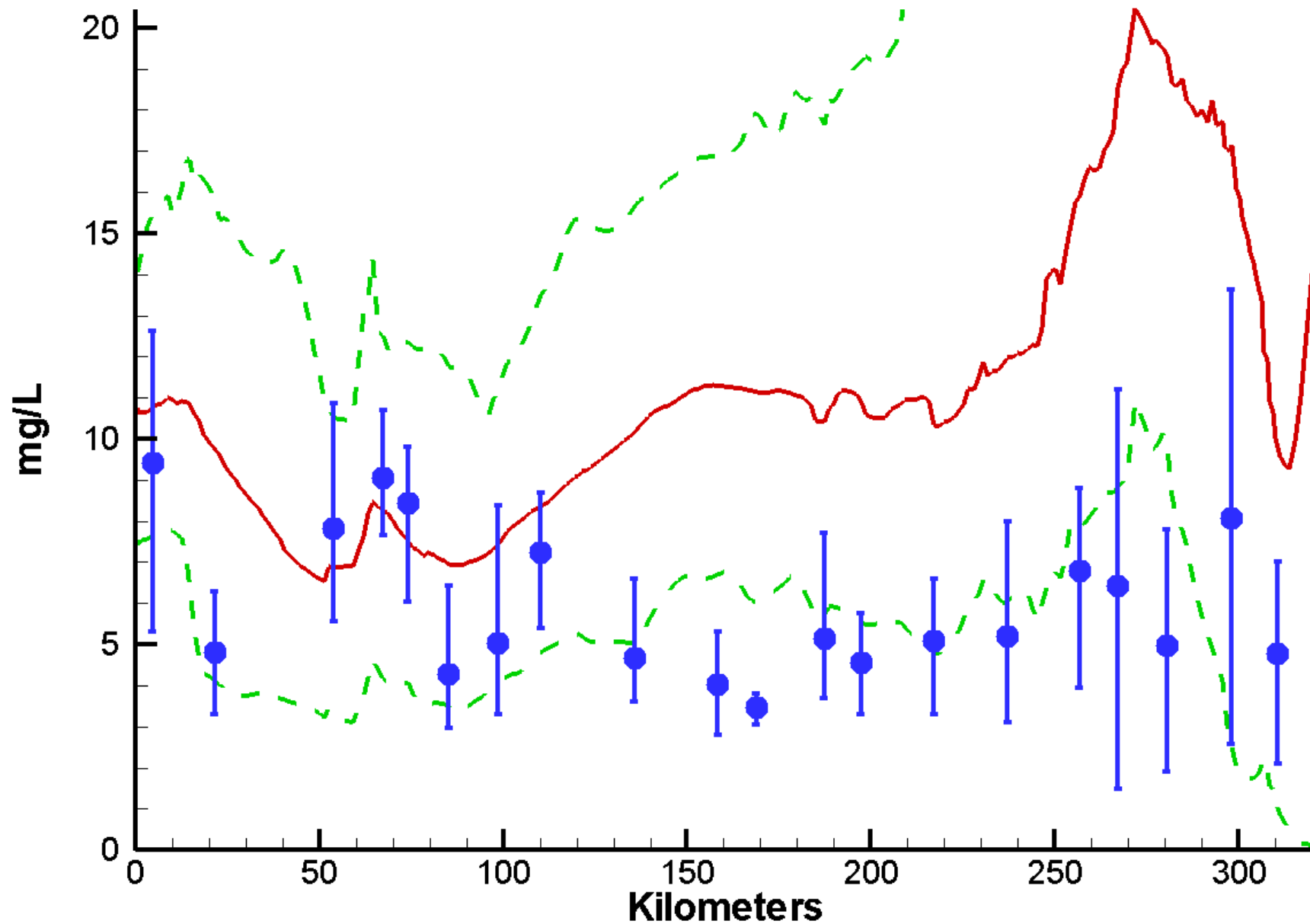
# Mainstem Bay Ches2015 Run118

## Bottom Total Suspended Solids Winter 1999



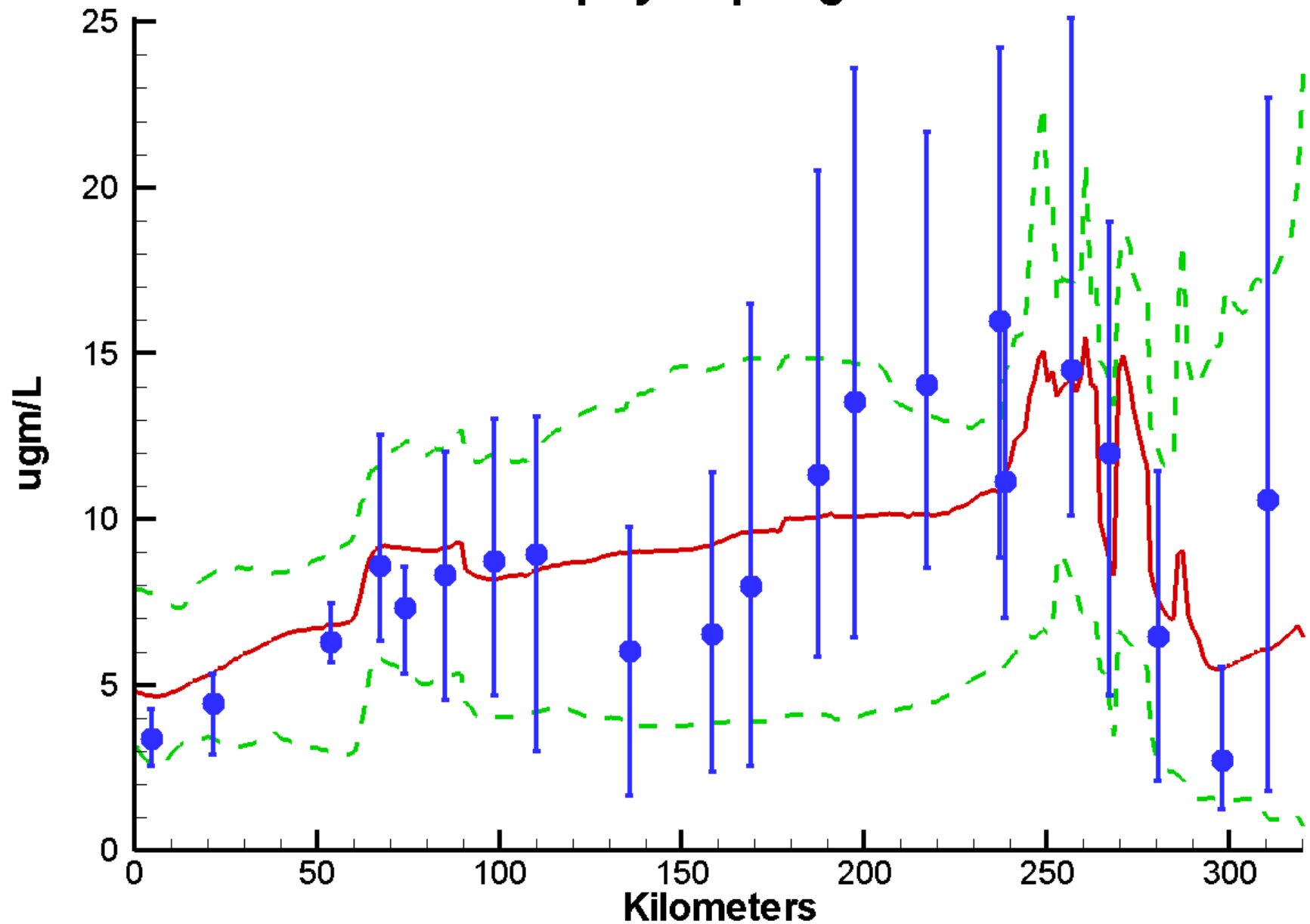
# Mainstem Bay Ches2015 Run118

## Surface Total Suspended Solids Winter 1999



# Mainstem Bay Ches2015 Run118

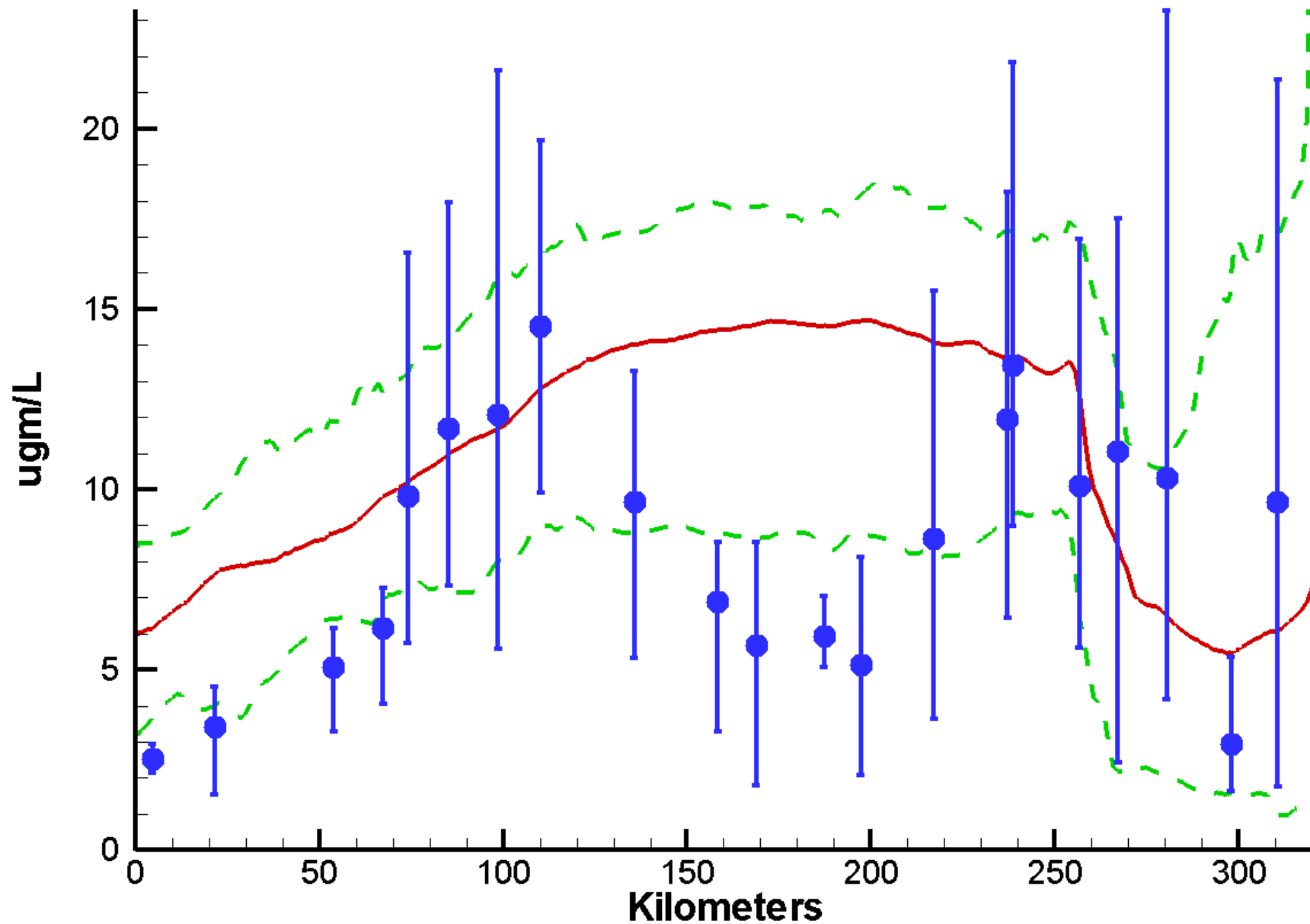
## Bottom Chlorophyll Spring 1999





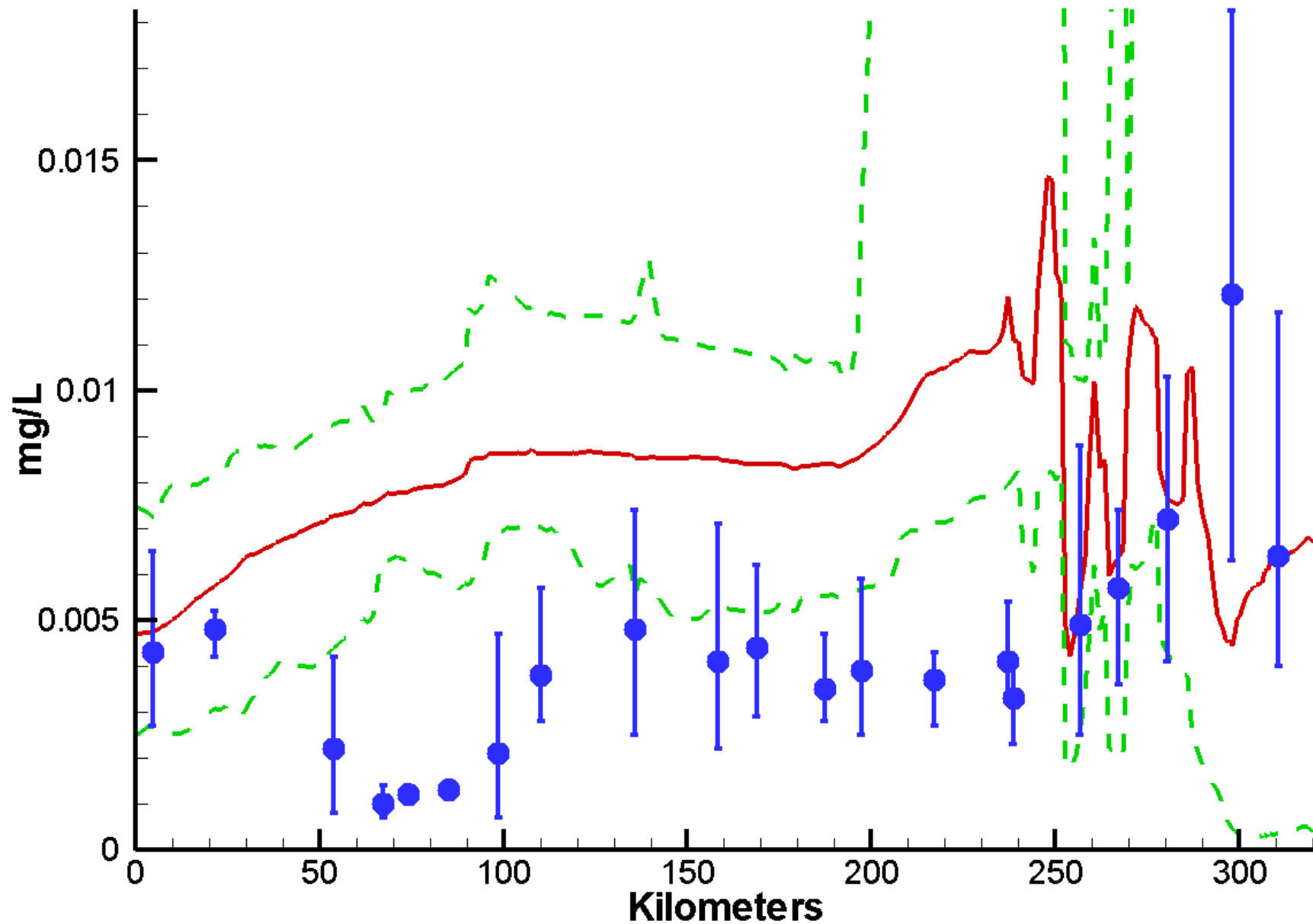
# Mainstem Bay Ches2015 Run118

## Surface Chlorophyll Spring 1999



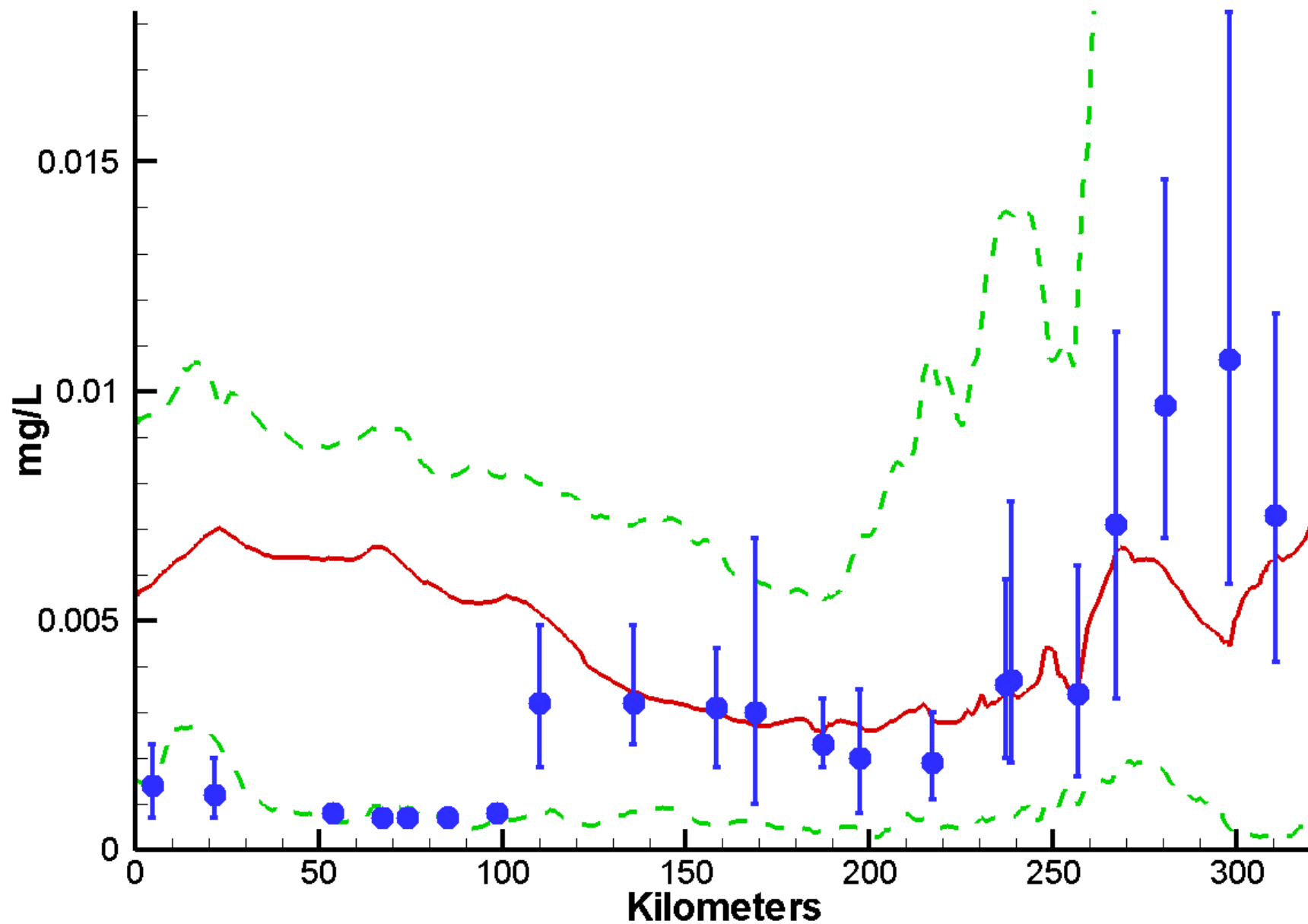
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1999



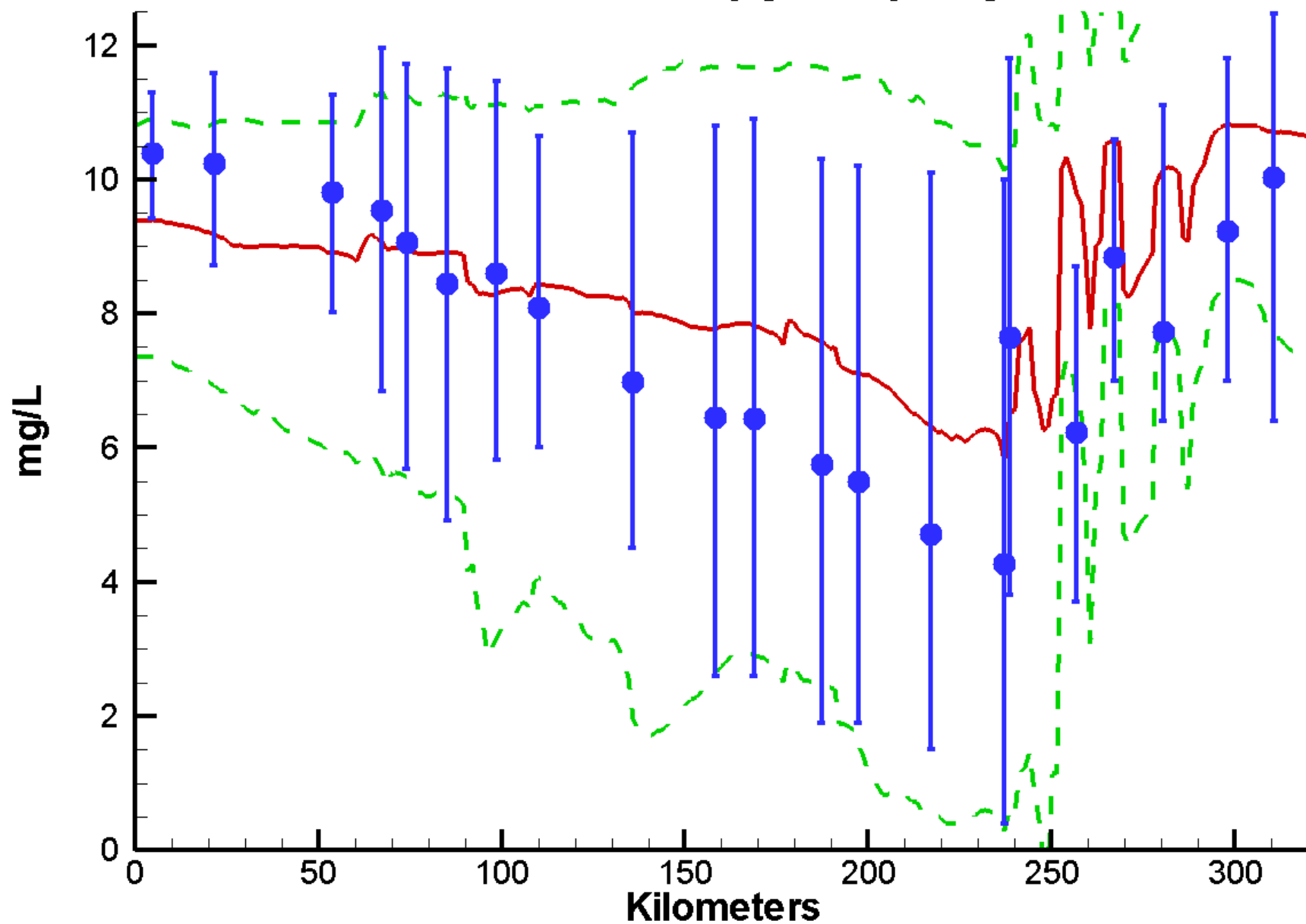
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Phosphate Spring 1999



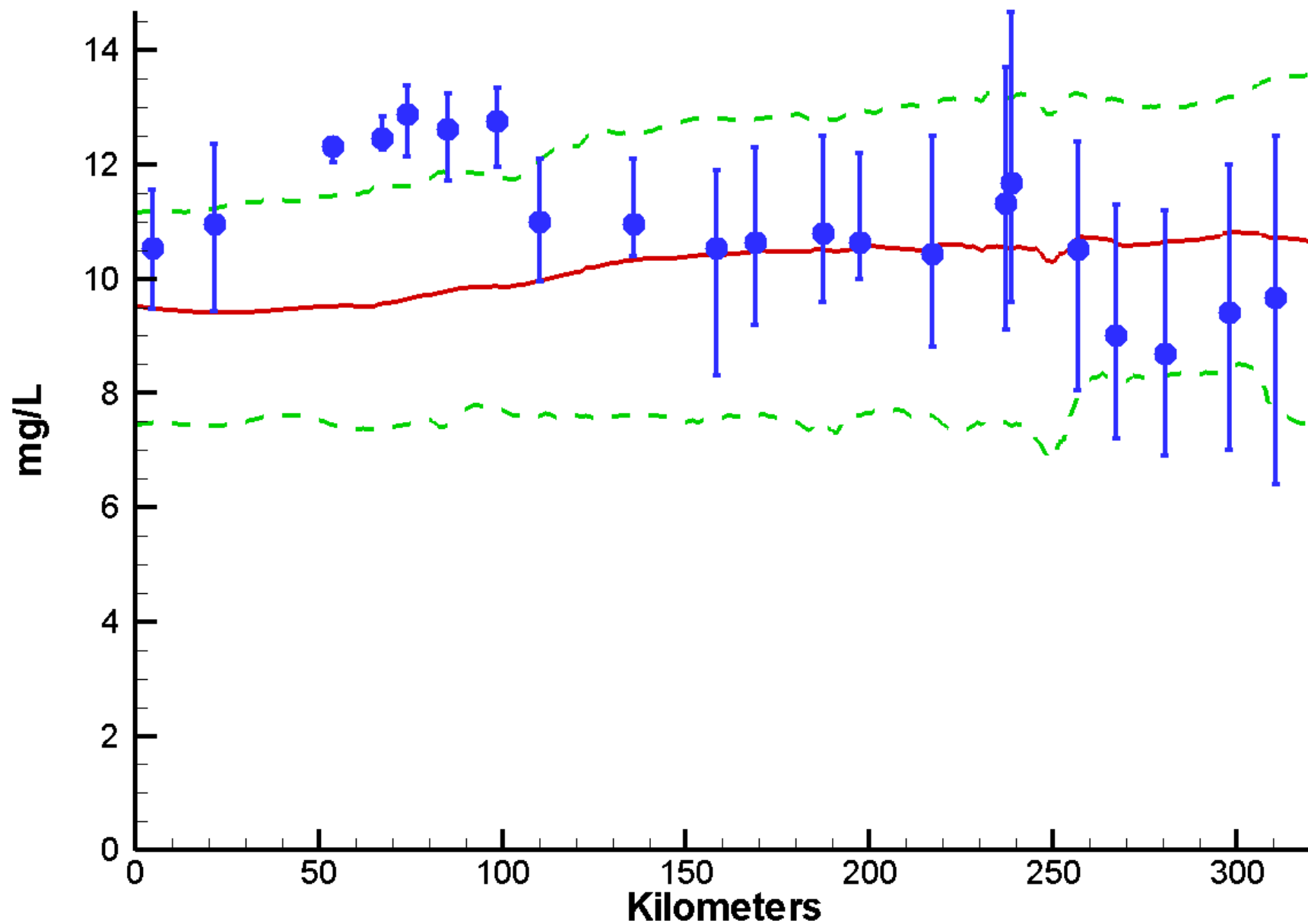
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Oxygen Spring 1999



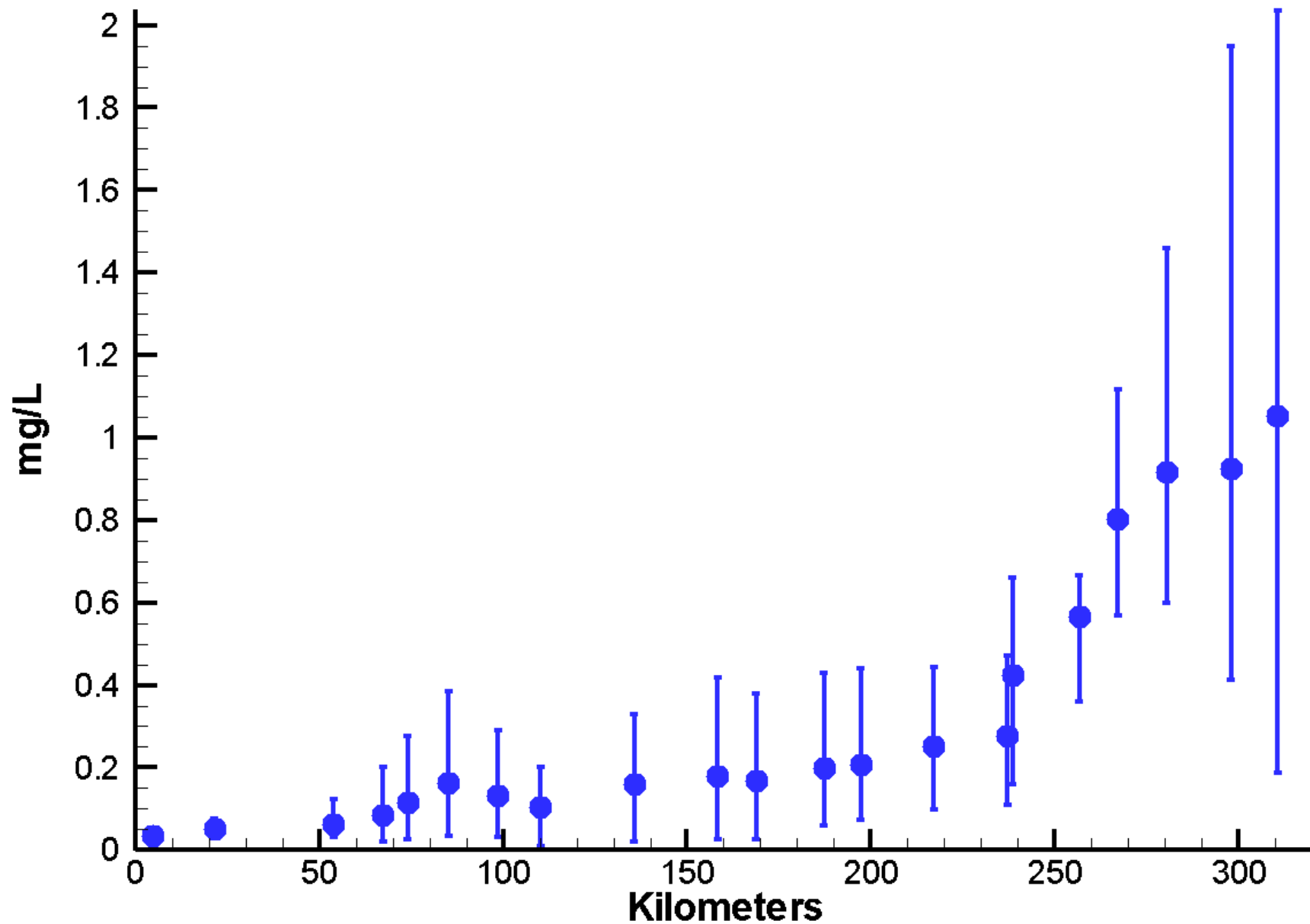
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Oxygen Spring 1999



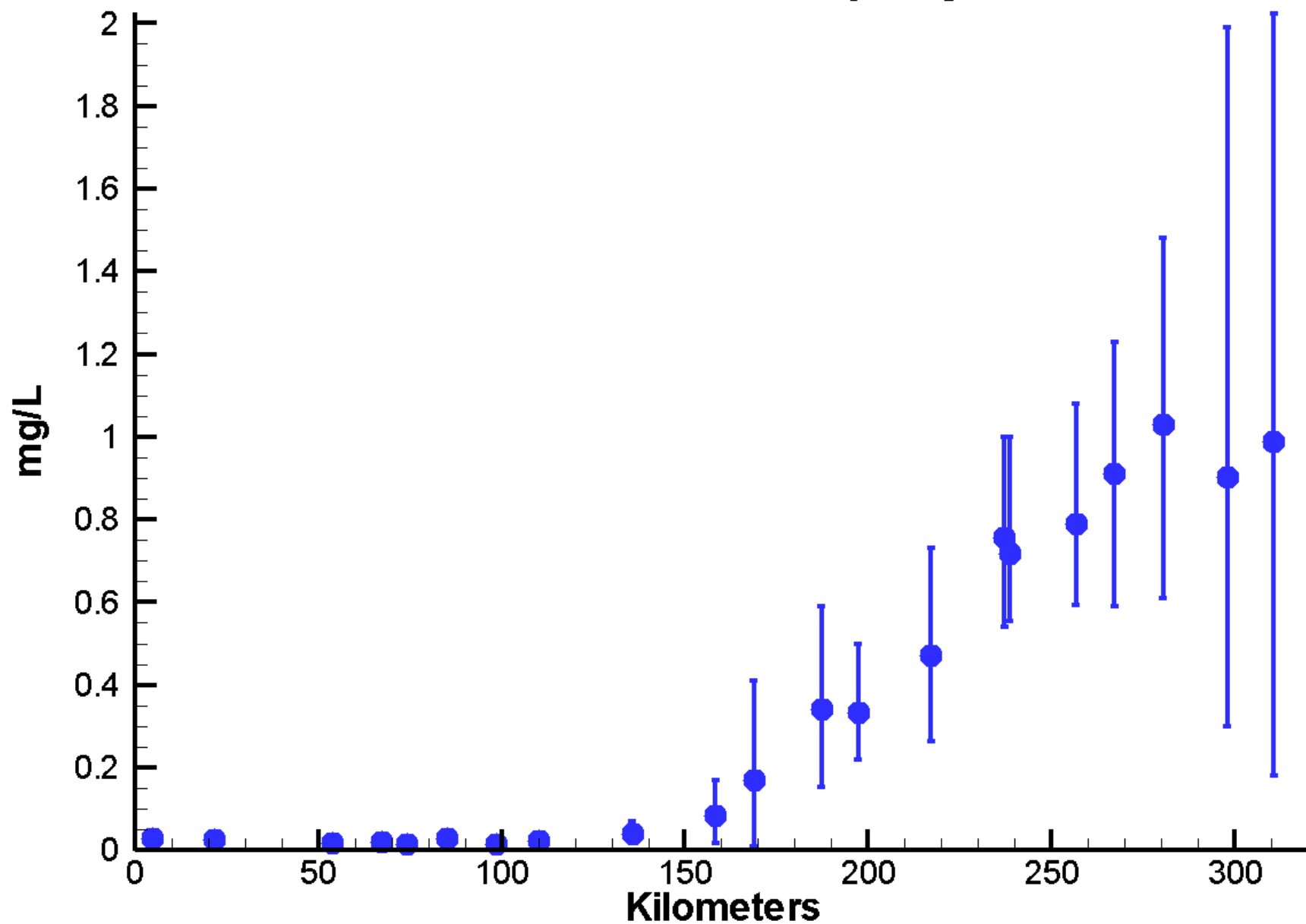
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Silica Spring 1999



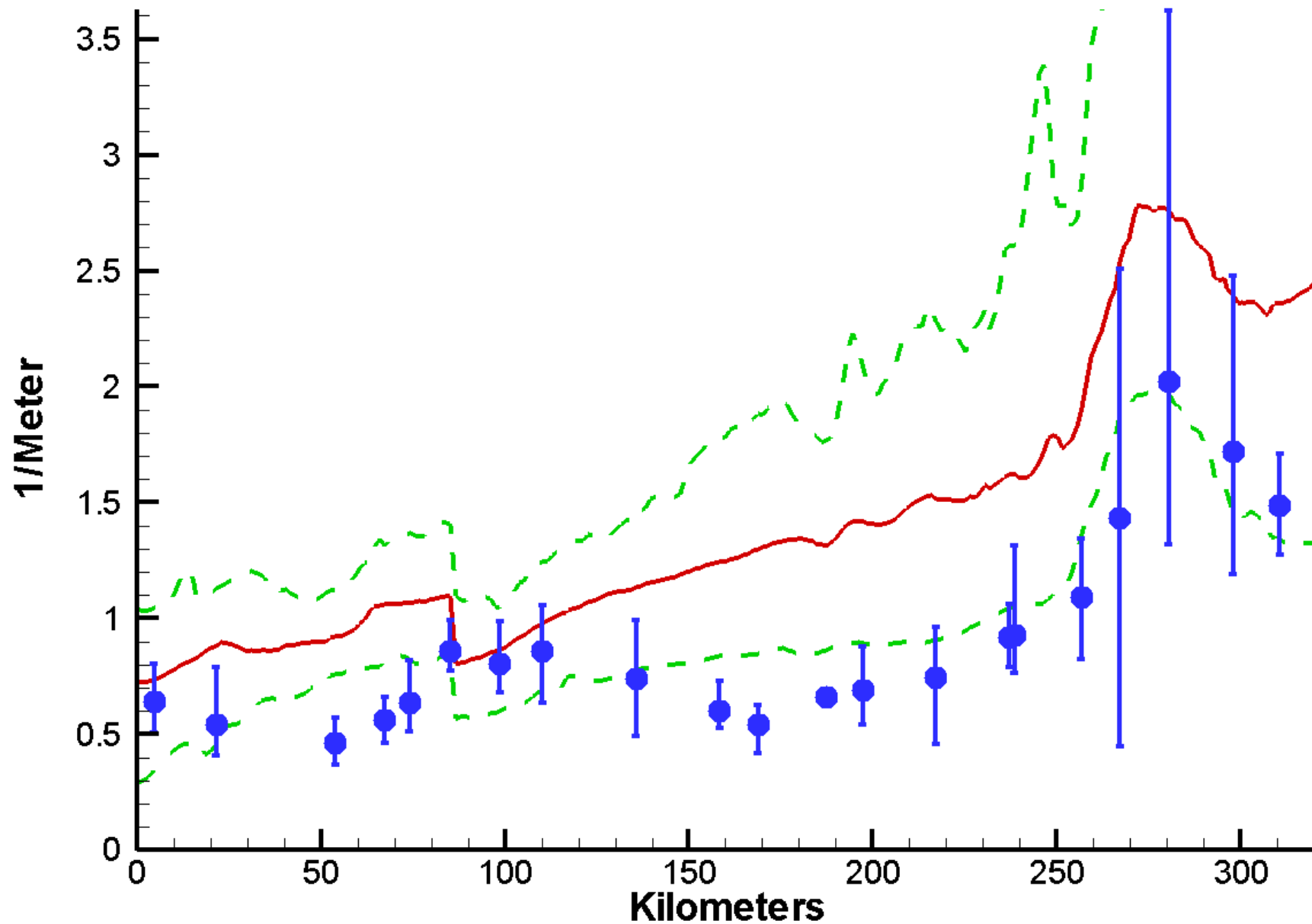
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Silica Spring 1999



# Mainstem Bay Ches2015 Run118

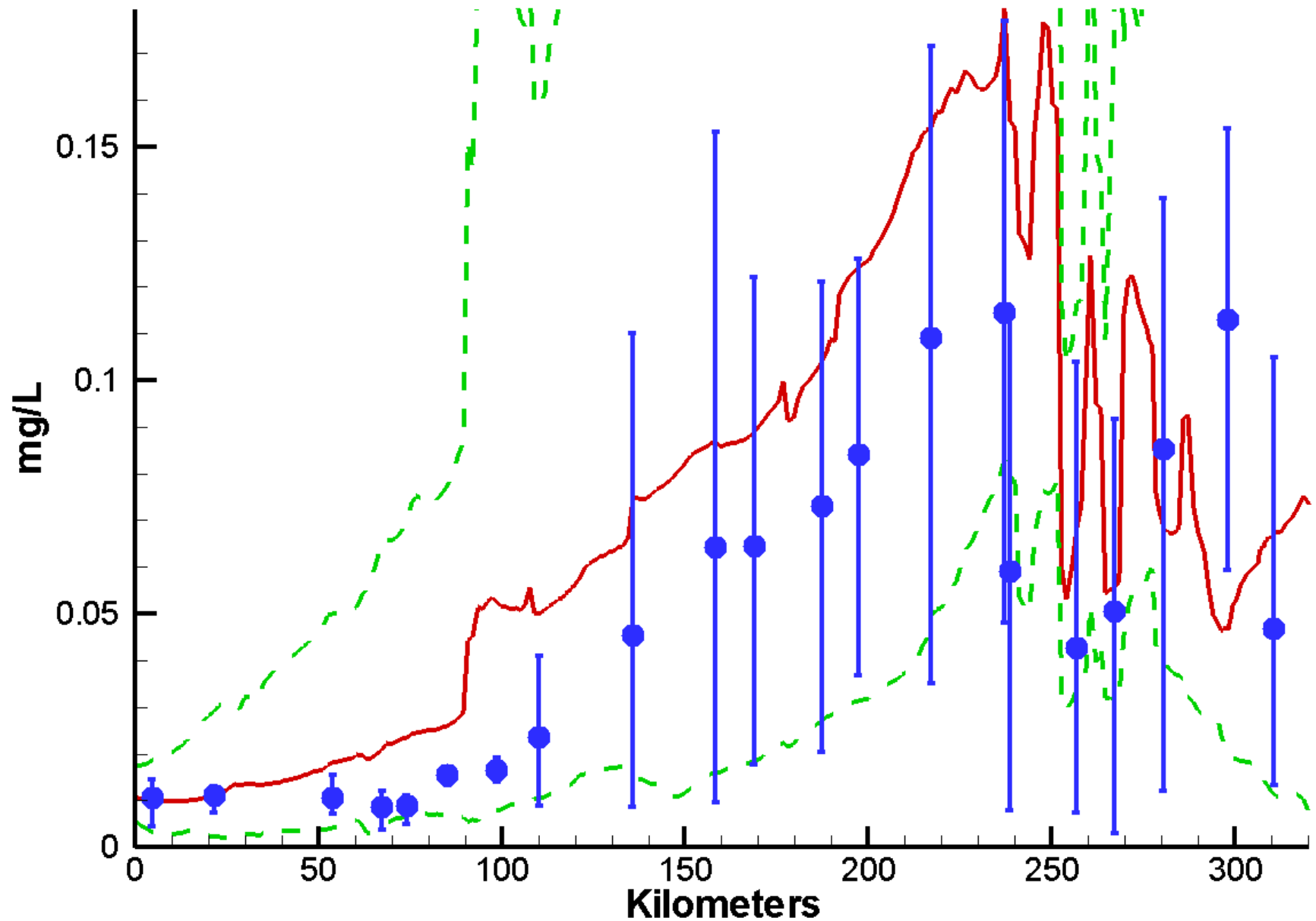
## Surface Light Extinction Spring 1999



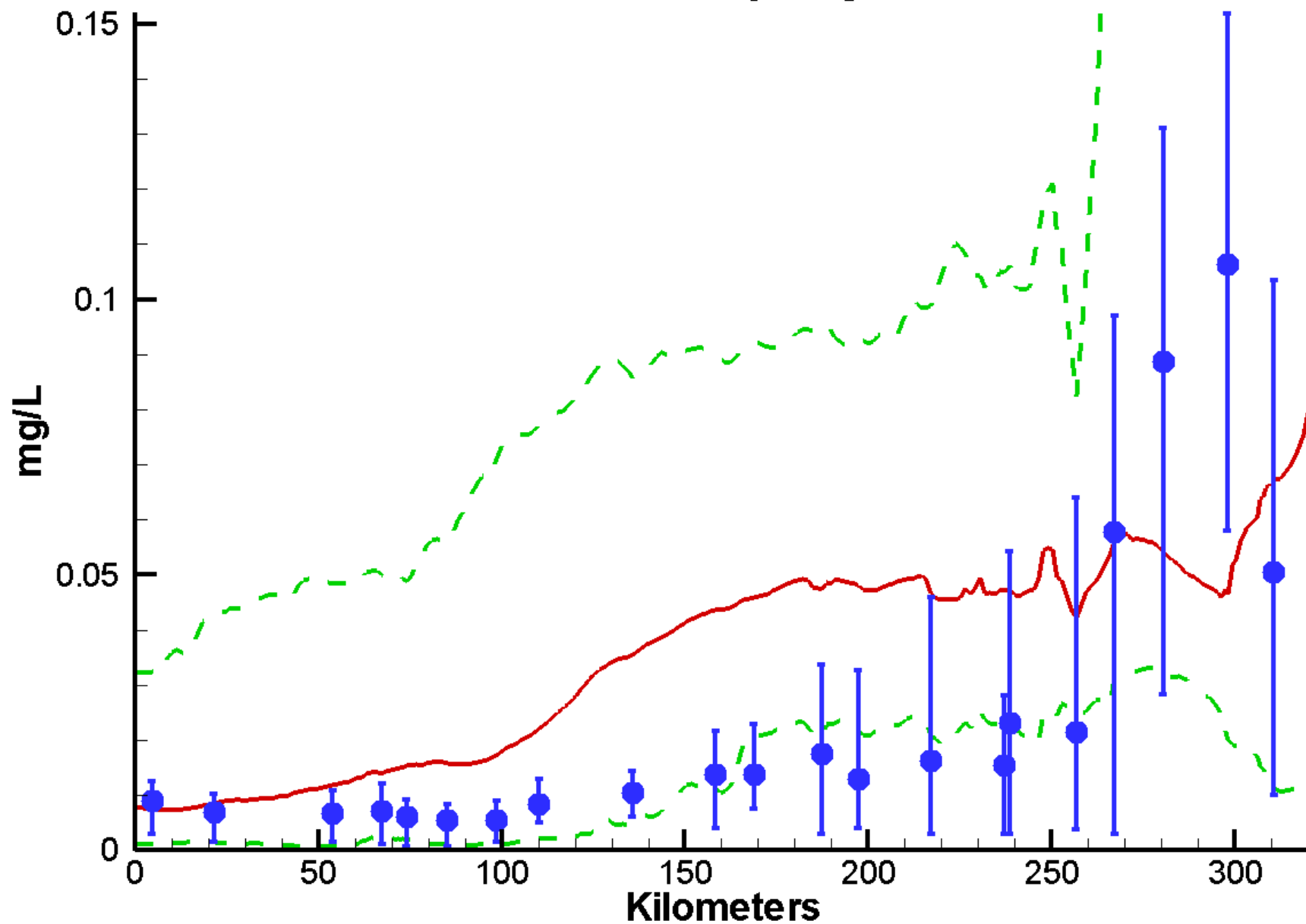


# Mainstem Bay Ches2015 Run118

## Bottom Ammonium Spring 1999

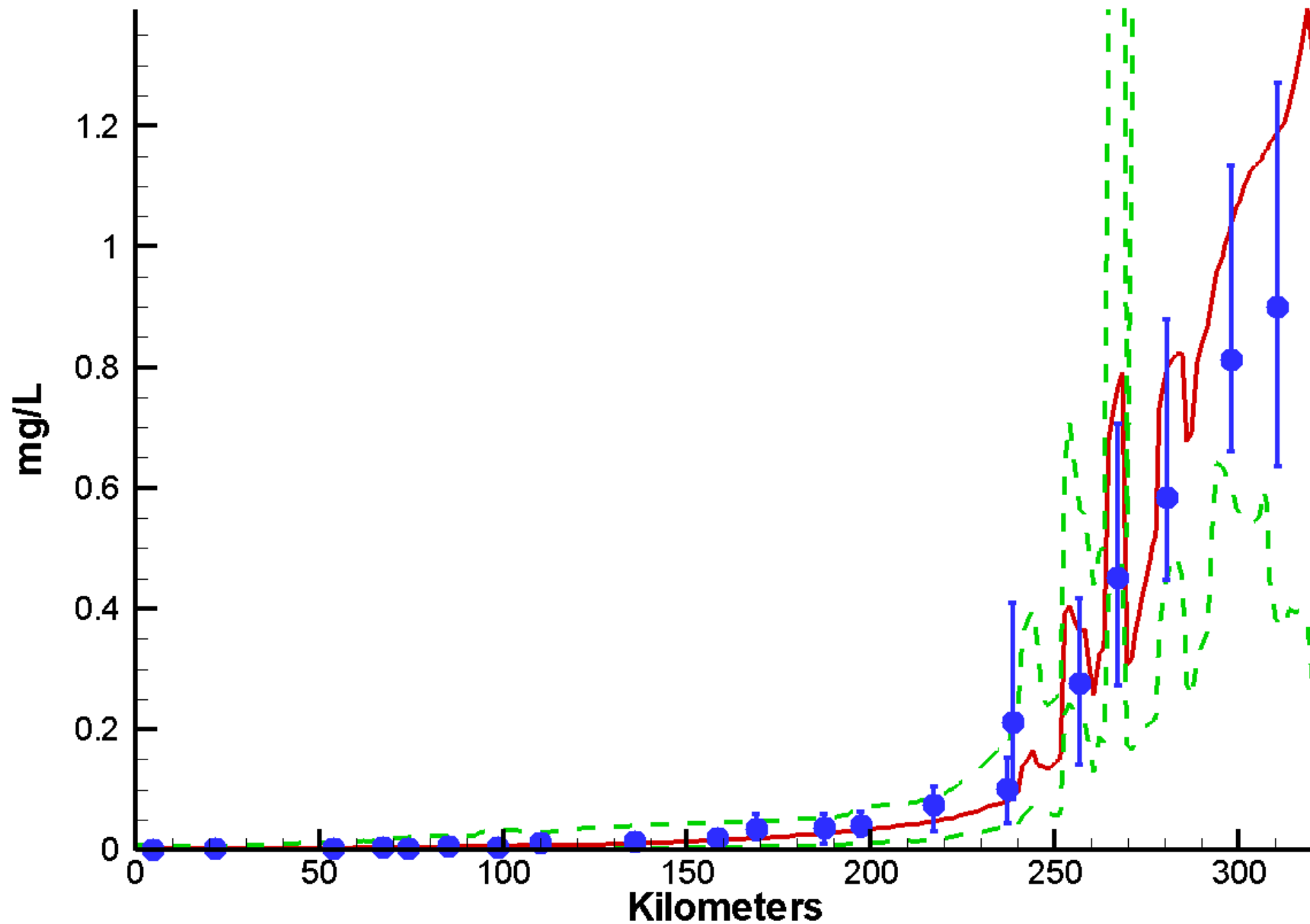


# Mainstem Bay Ches2015 Run118 Surface Ammonium Spring 1999



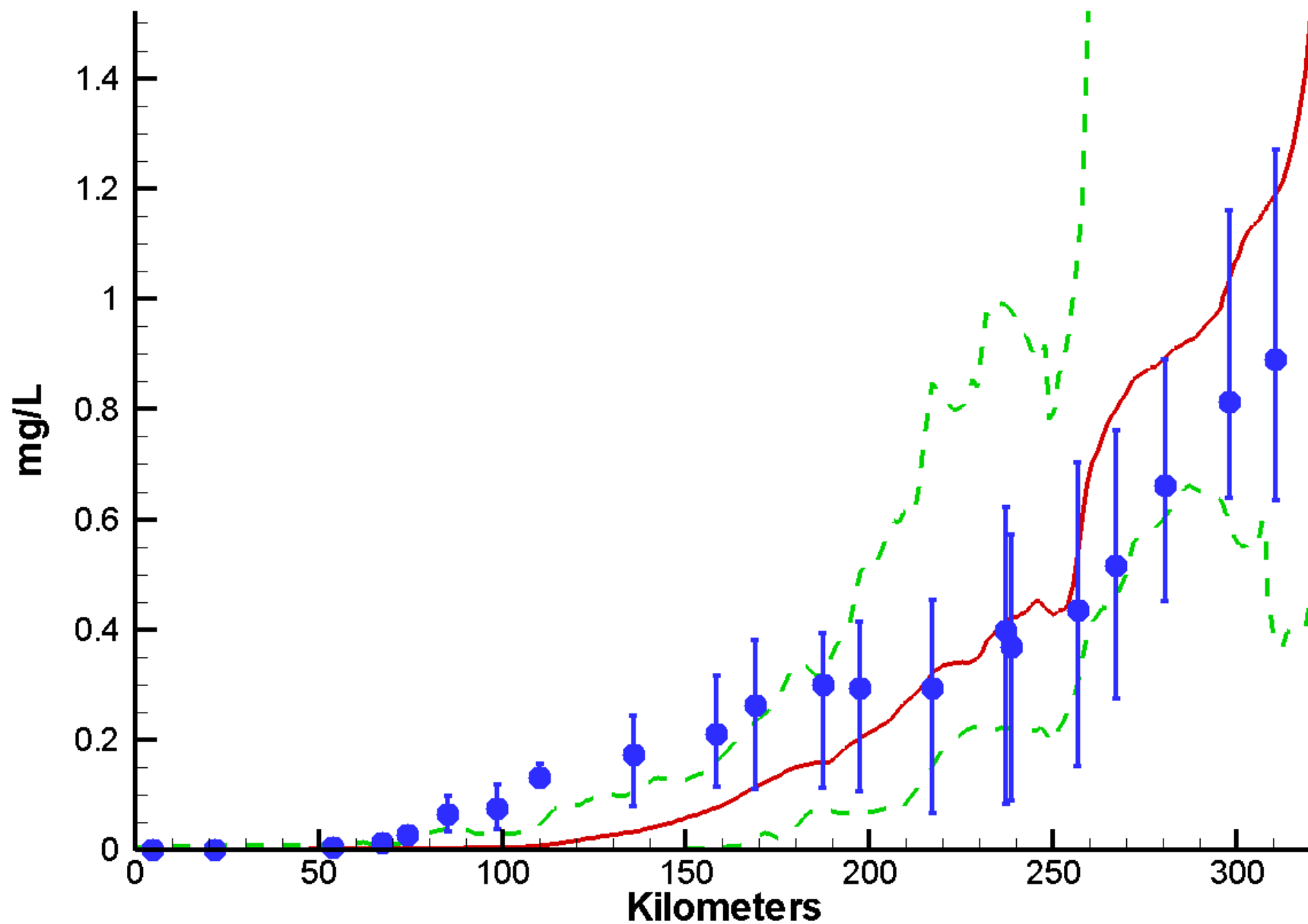
# Mainstem Bay Ches2015 Run118

## Bottom Nitrate Spring 1999

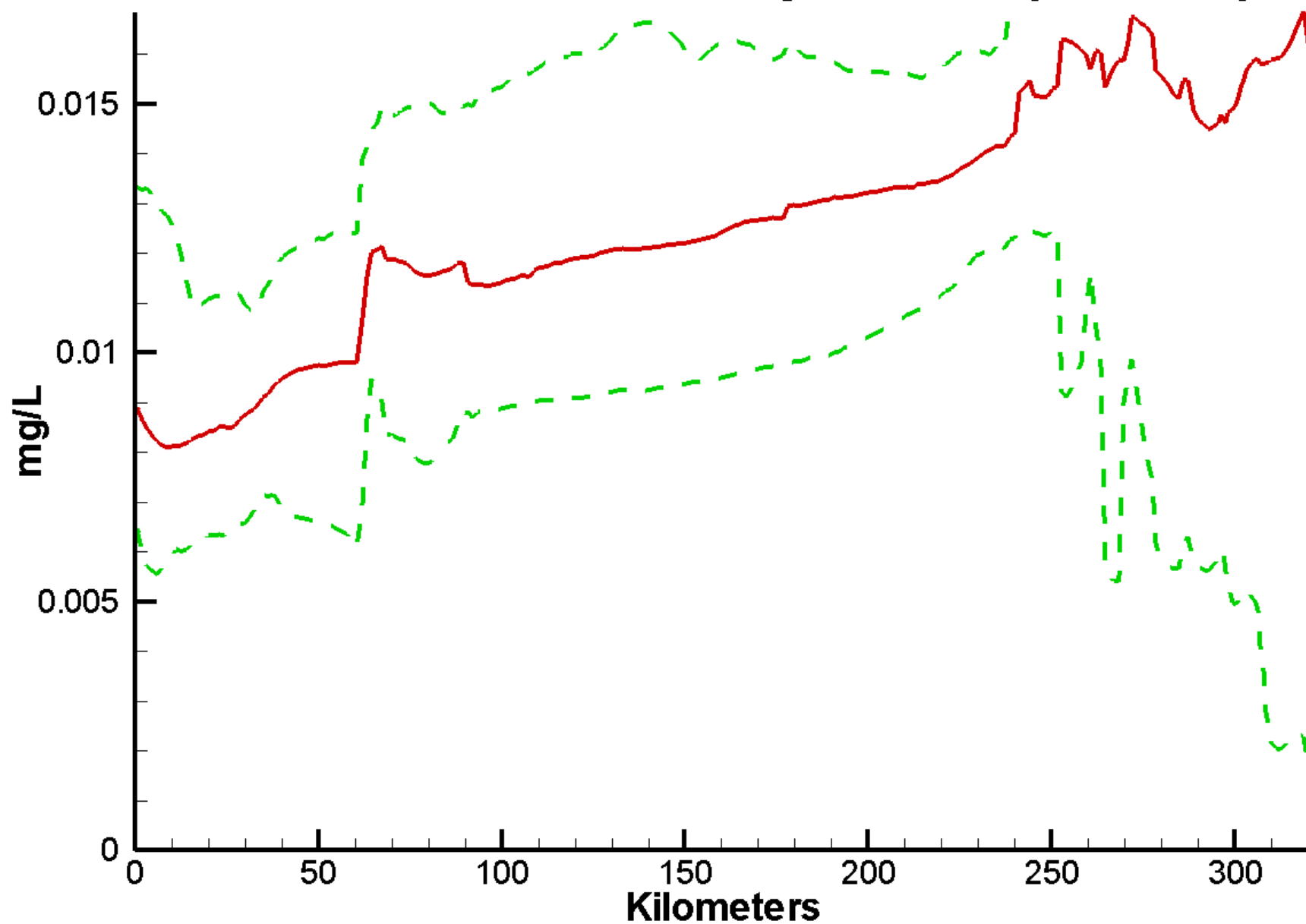


# Mainstem Bay Ches2015 Run118

## Surface Nitrate Spring 1999

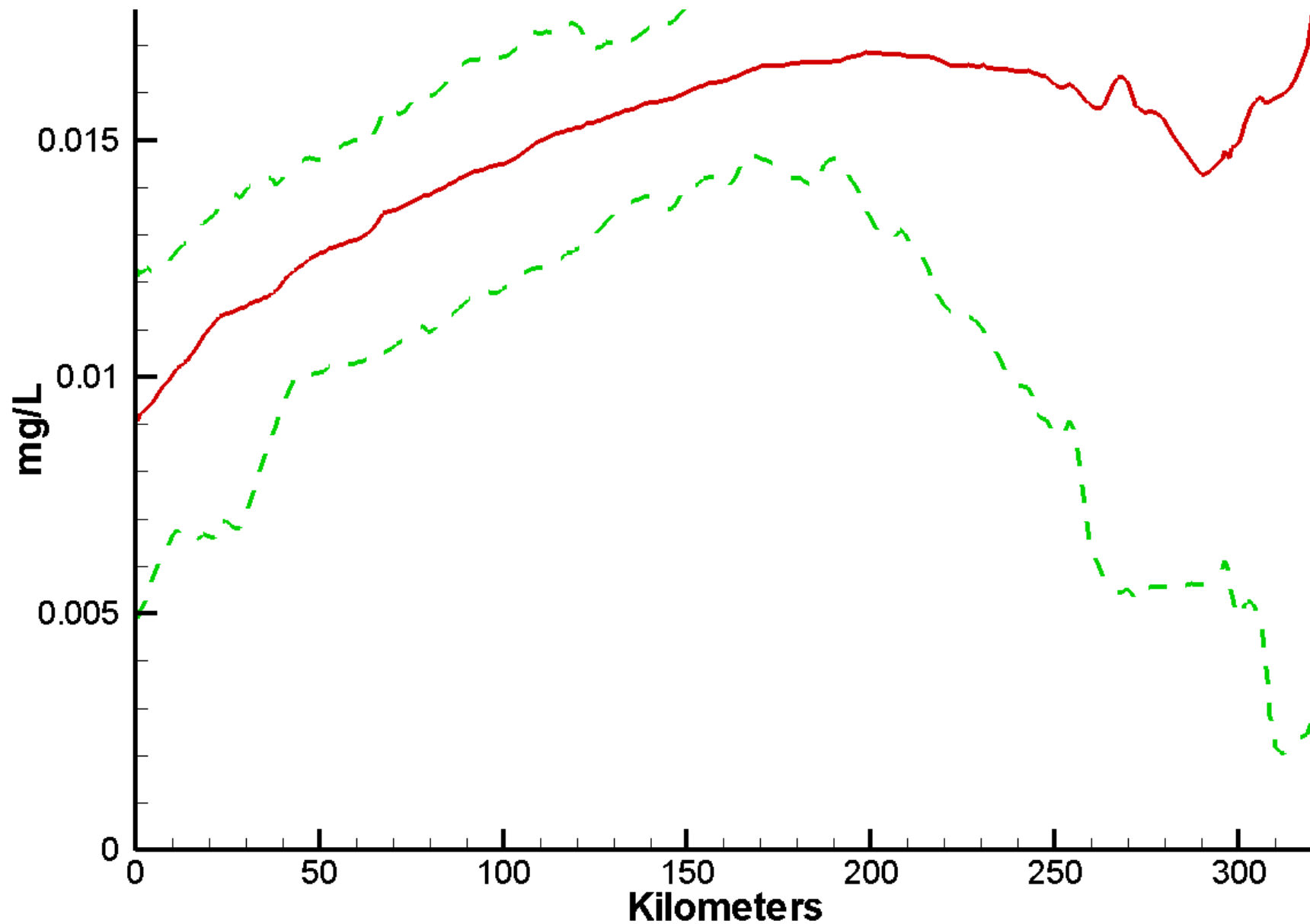


**Mainstem Bay Ches2015 Run118**  
**Bottom Particulate Inorganic Phosphorus Spring 1999**



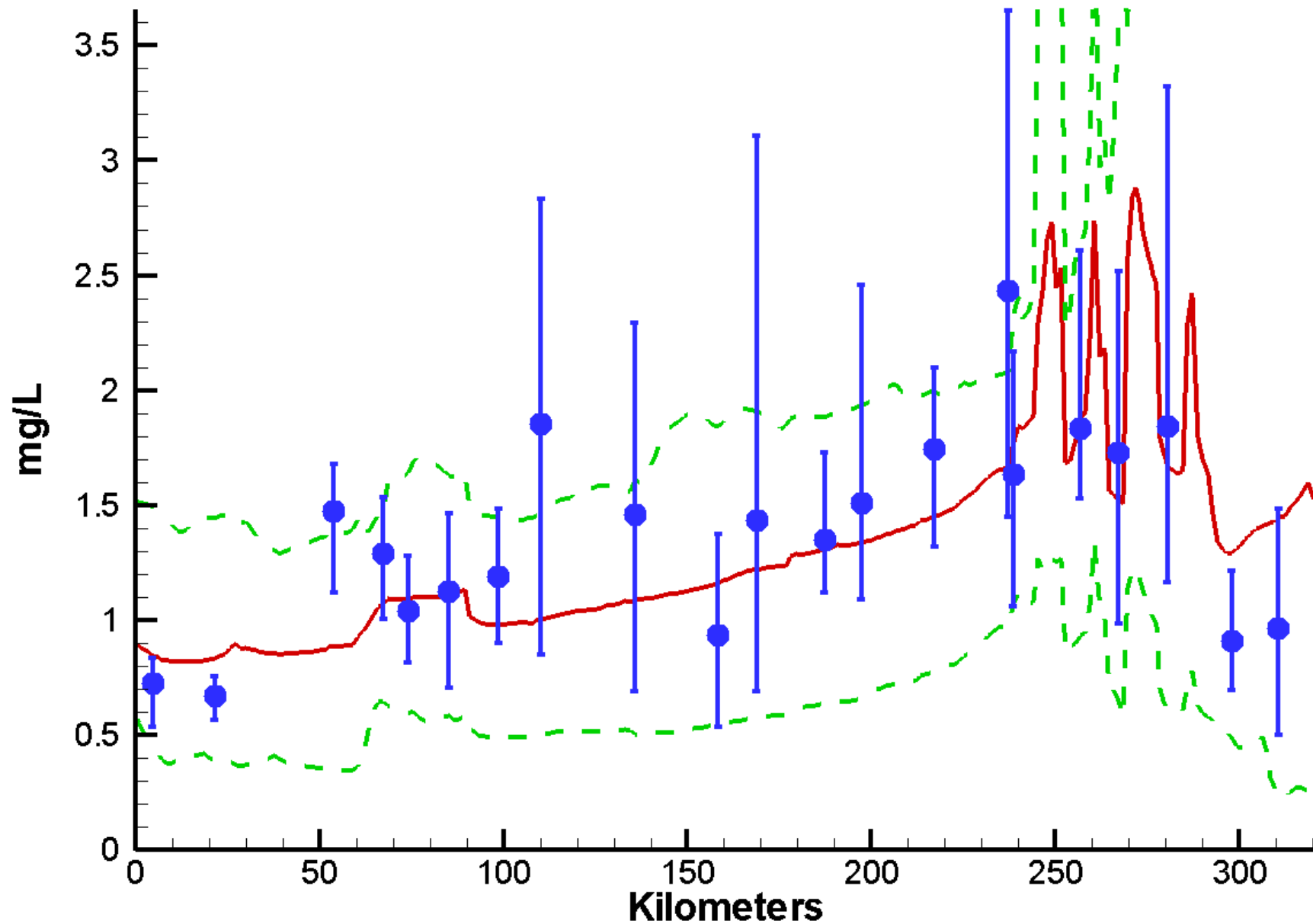
# Mainstem Bay Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1999



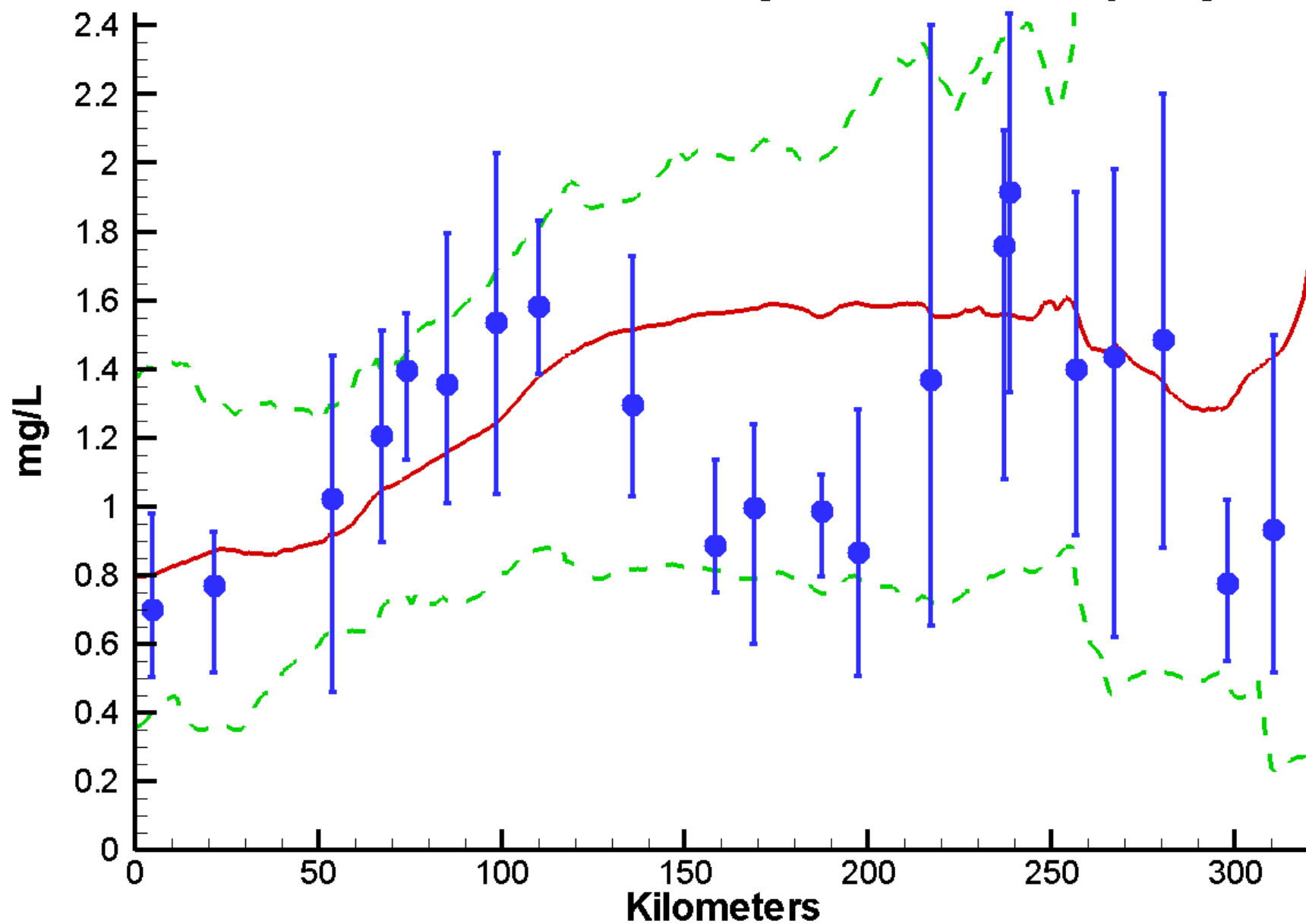
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1999



# Mainstem Bay Ches2015 Run118

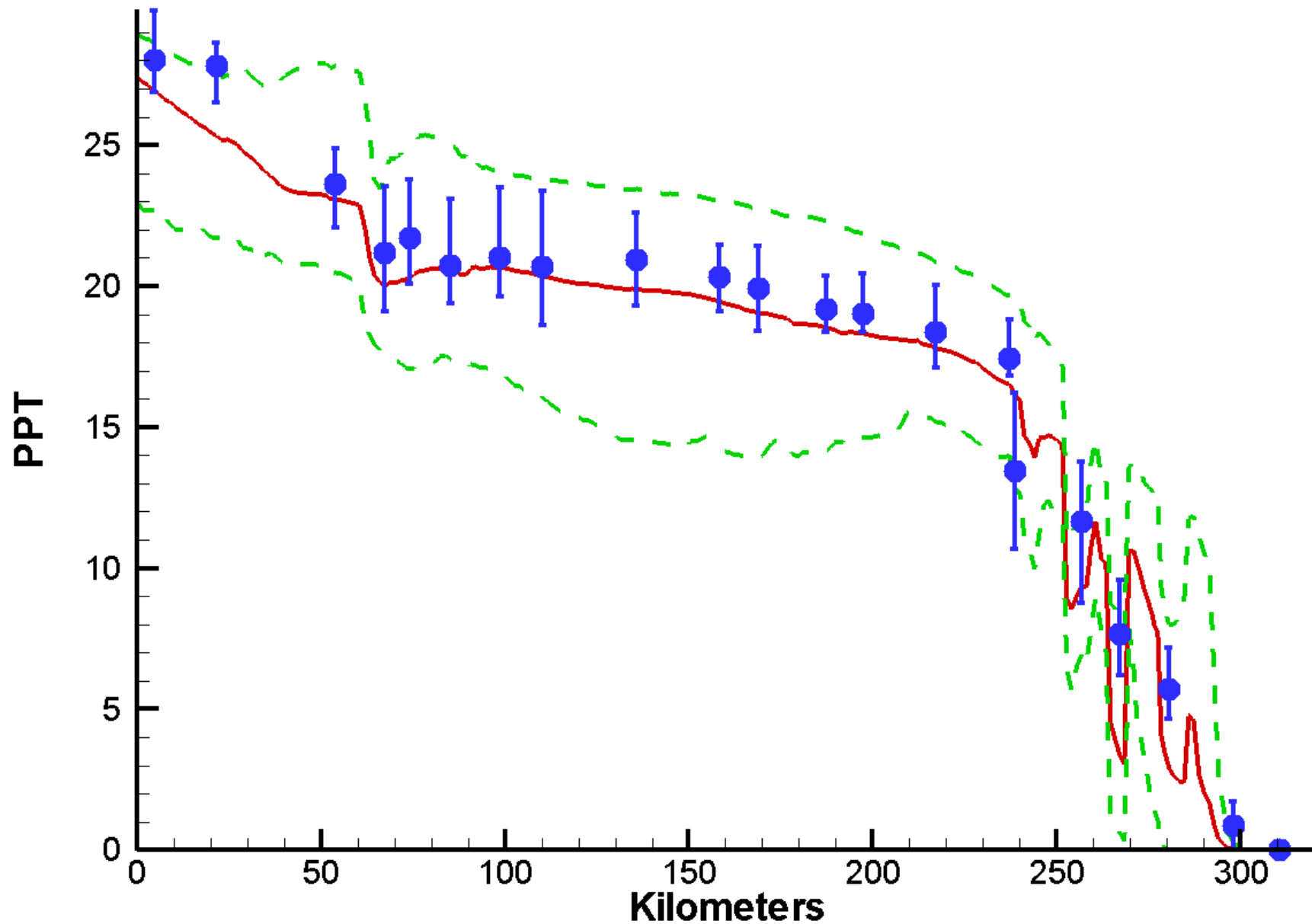
## Surface Particulate Organic Carbon Spring 1999





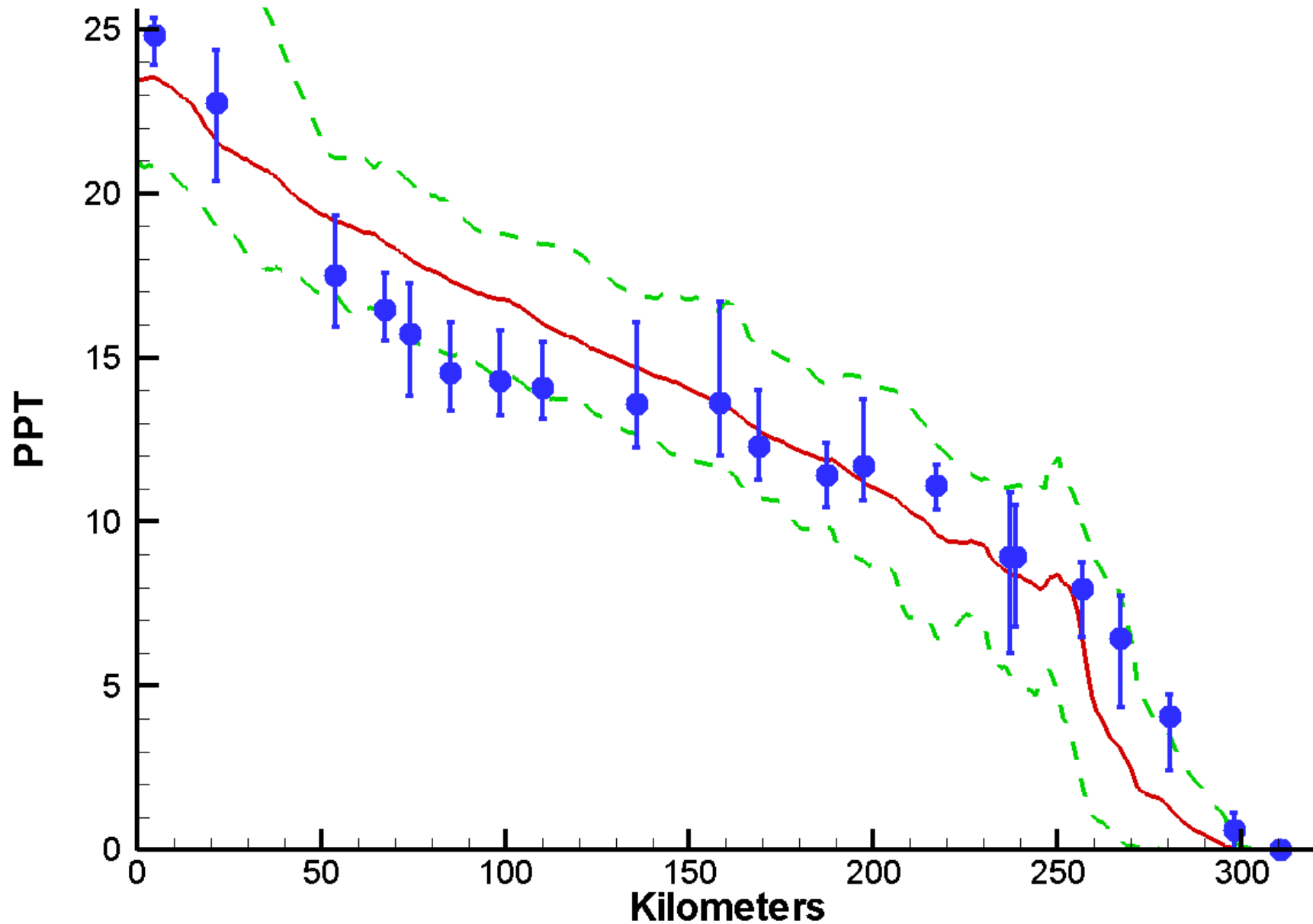
# Mainstem Bay Ches2015 Run118

## Bottom Salinity Spring 1999



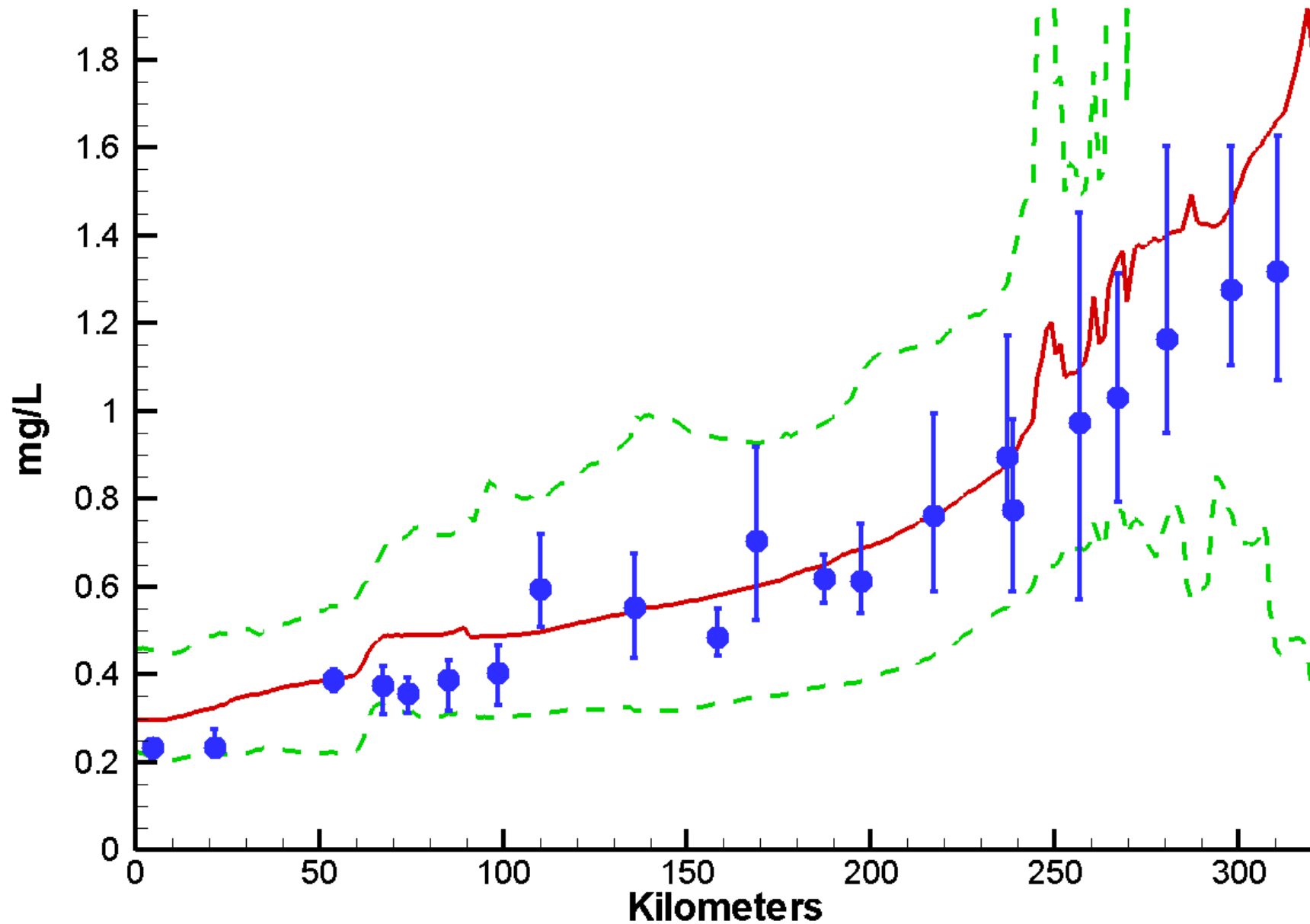
# Mainstem Bay Ches2015 Run118

## Surface Salinity Spring 1999



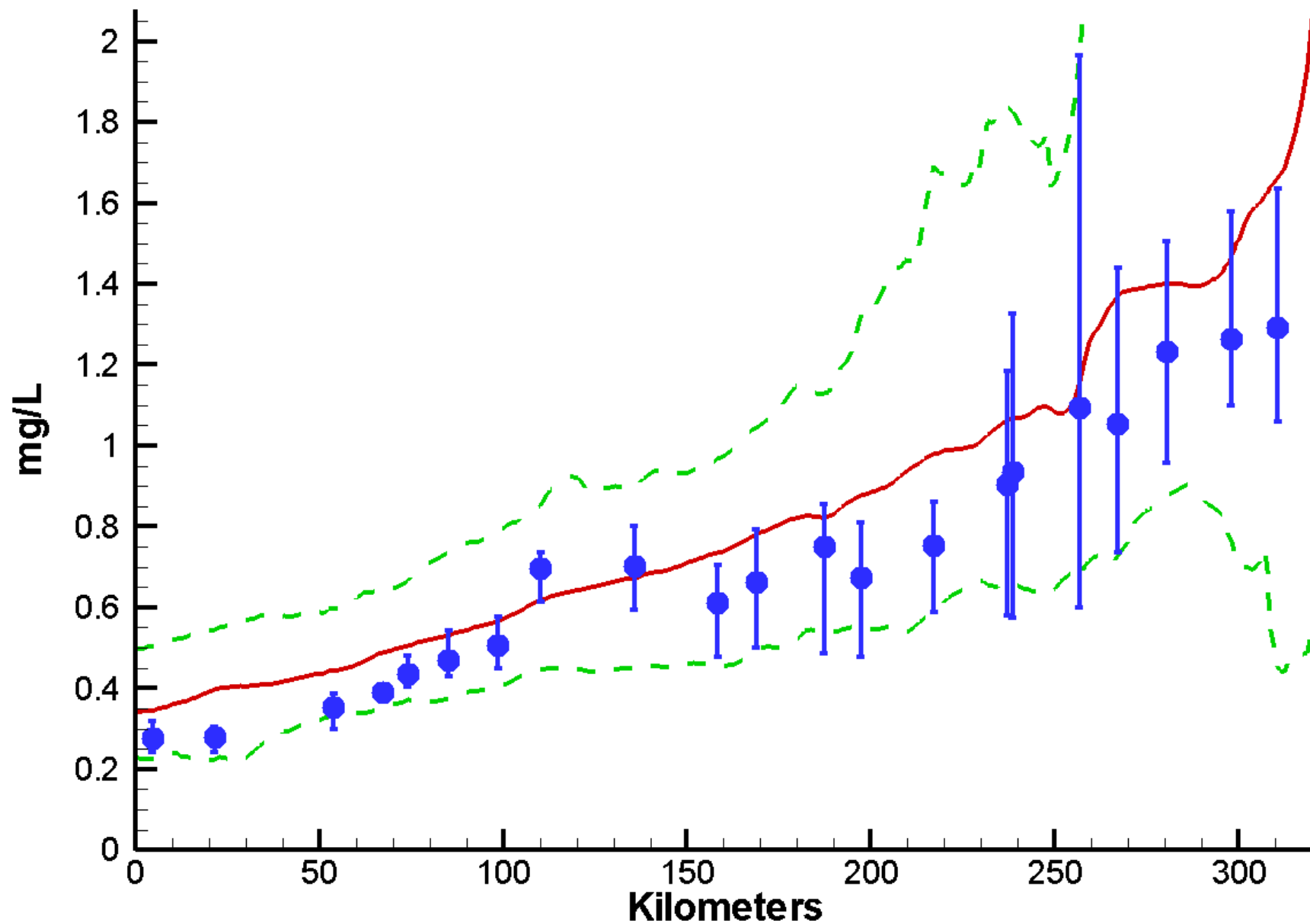
# Mainstem Bay Ches2015 Run118

## Bottom Total Nitrogen Spring 1999



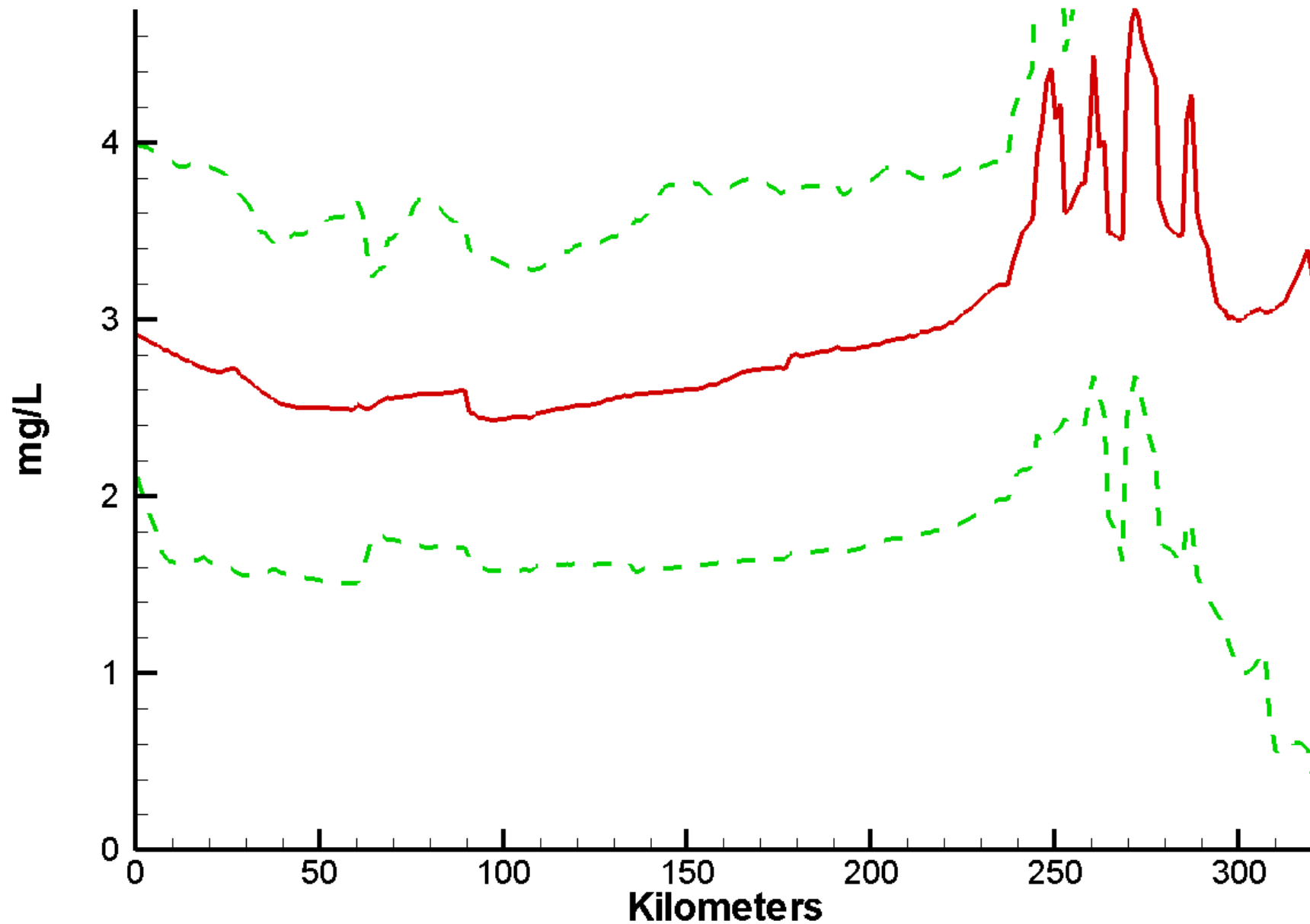
# Mainstem Bay Ches2015 Run118

## Surface Total Nitrogen Spring 1999

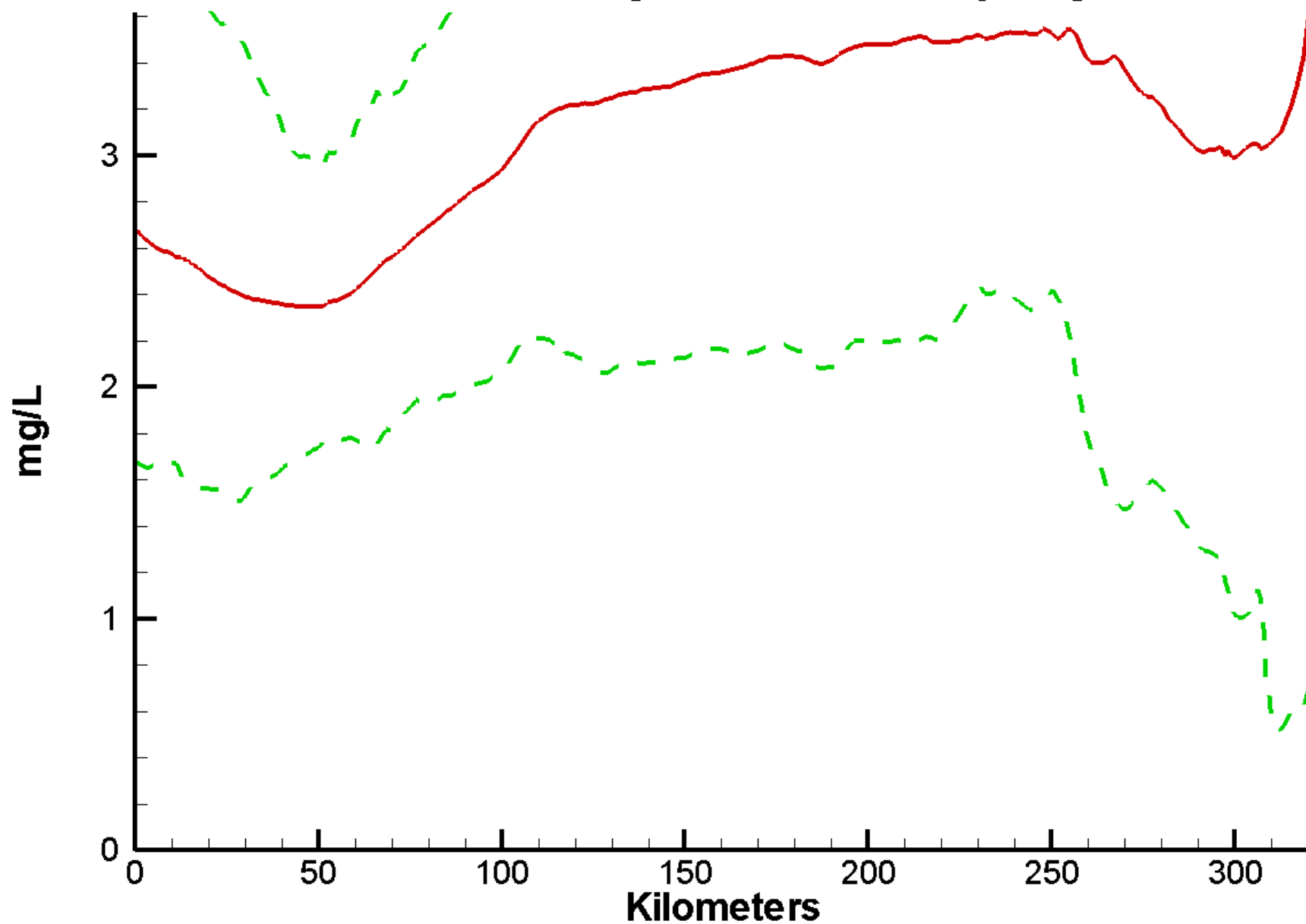


# Mainstem Bay Ches2015 Run118

## Bottom Total Organic Carbon Spring 1999

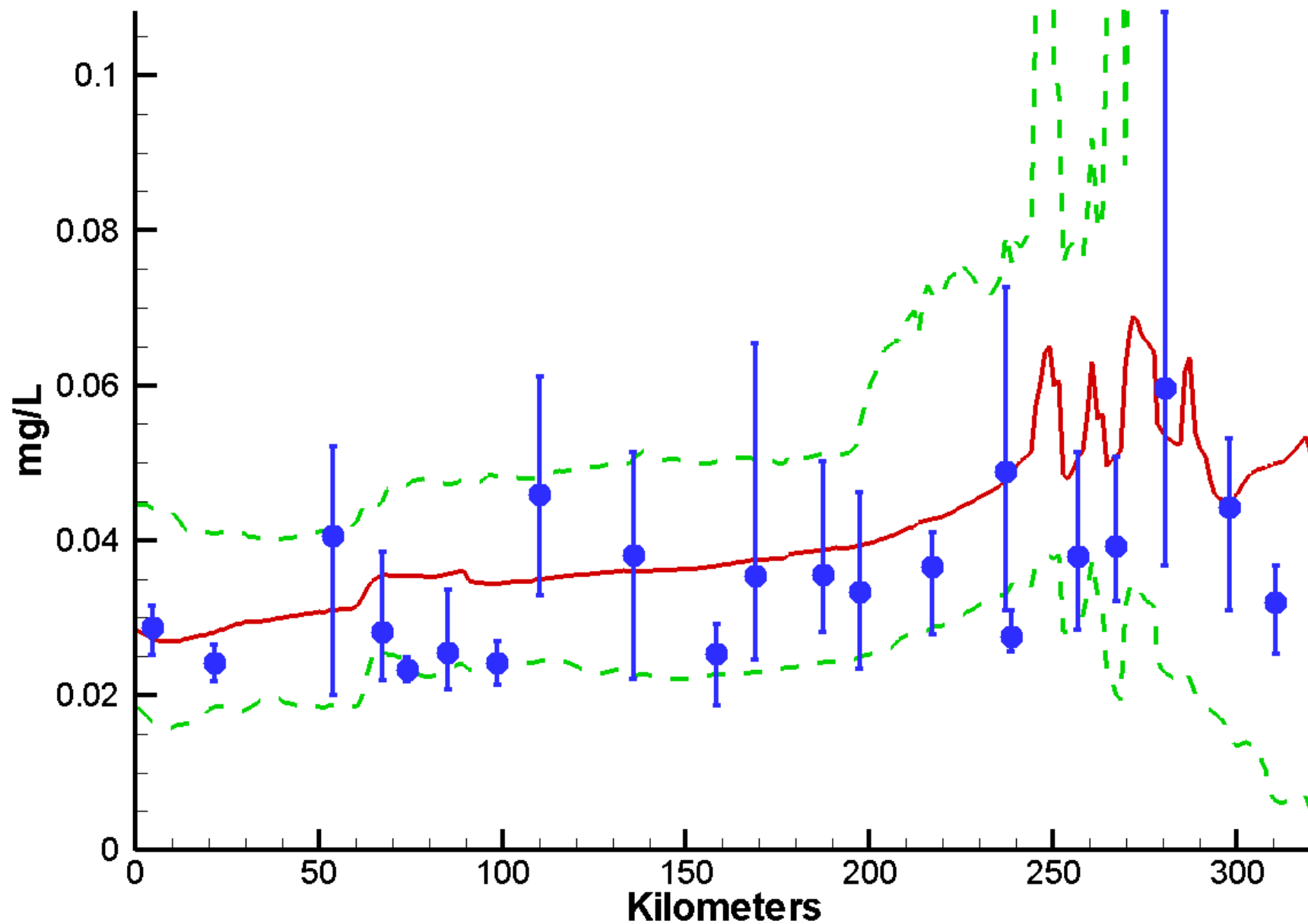


**Mainstem Bay Ches2015 Run118**  
**Surface Total Organic Carbon Spring 1999**



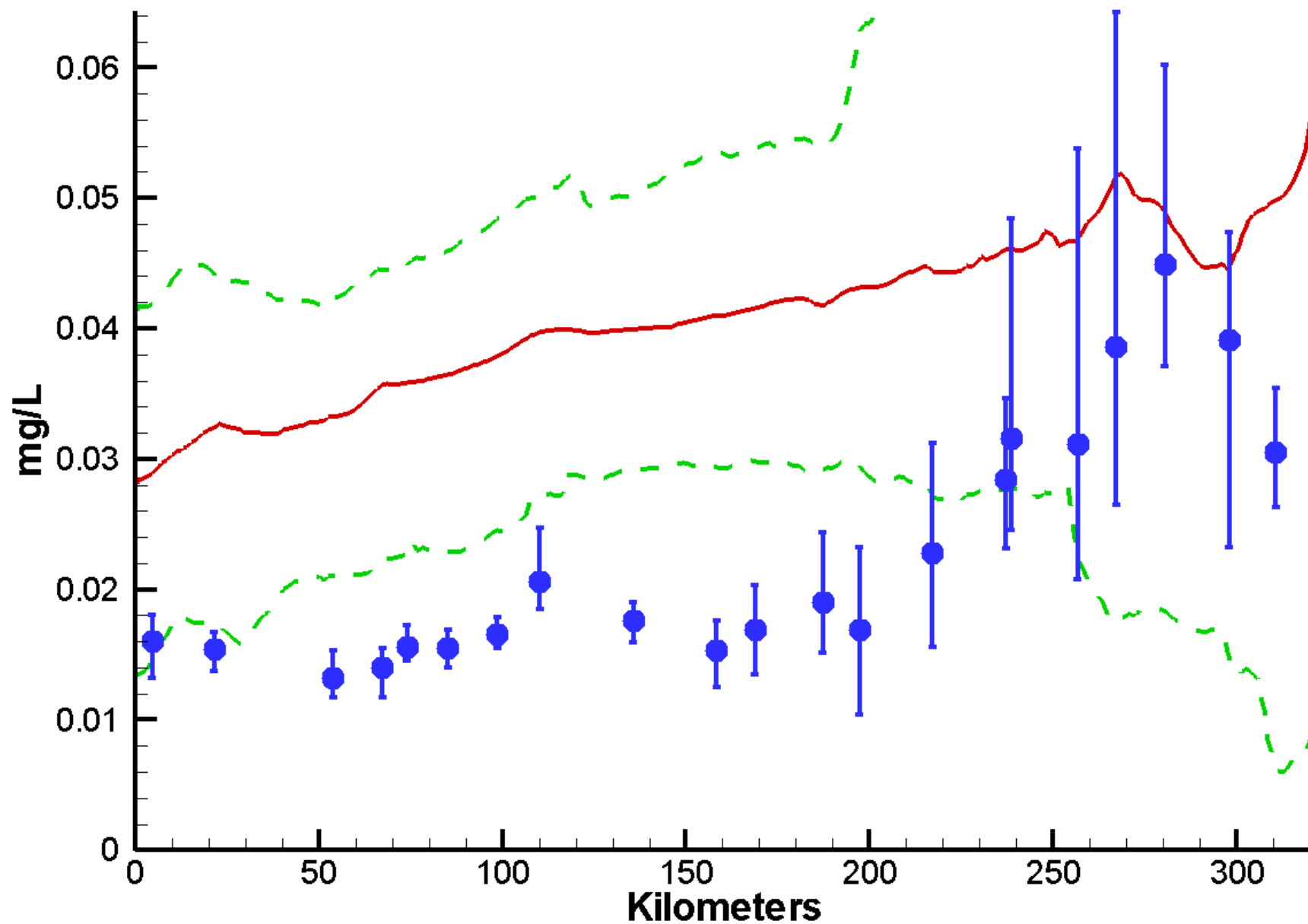
# Mainstem Bay Ches2015 Run118

## Bottom Total Phosphorus Spring 1999



# Mainstem Bay Ches2015 Run118

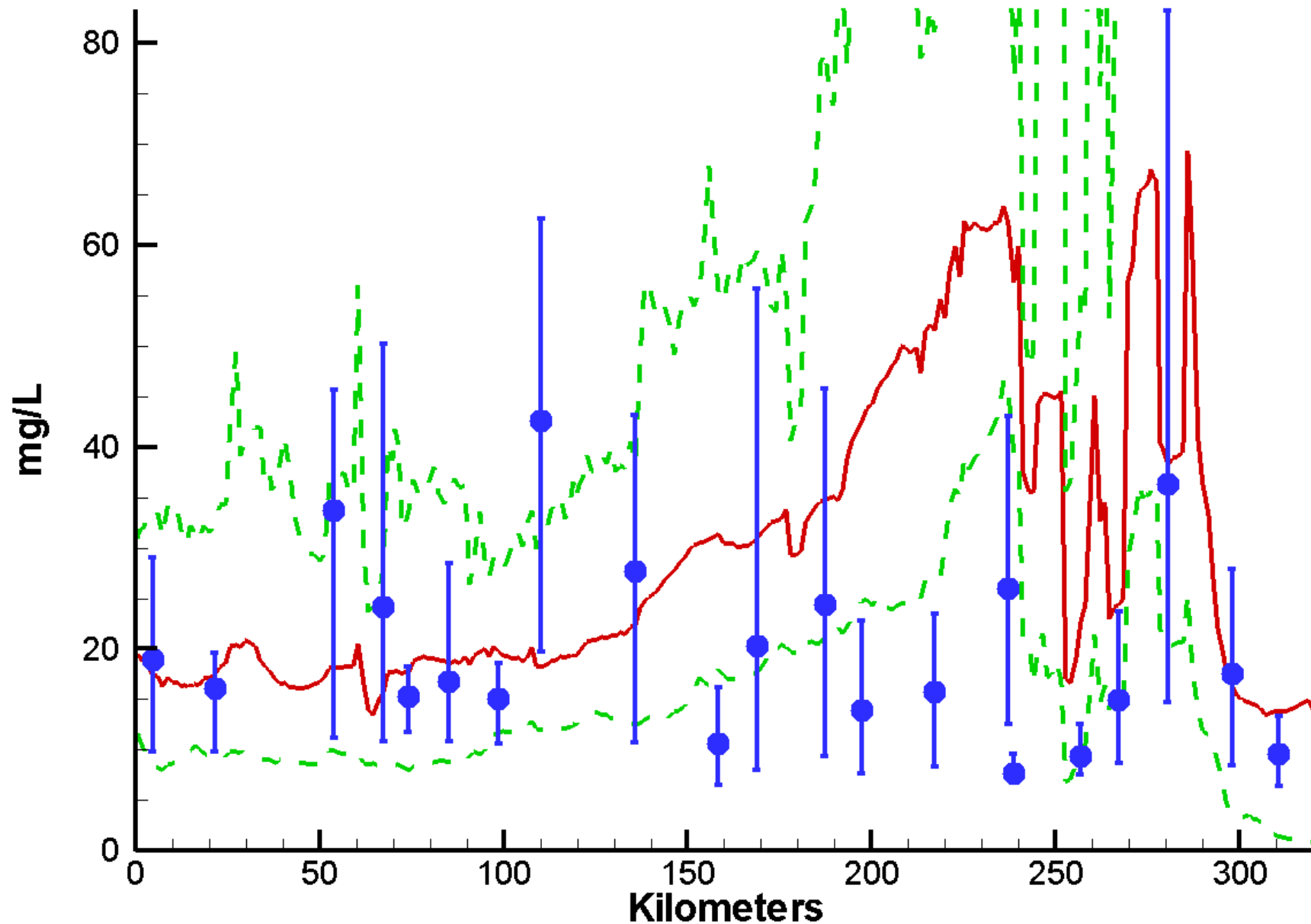
## Surface Total Phosphorus Spring 1999





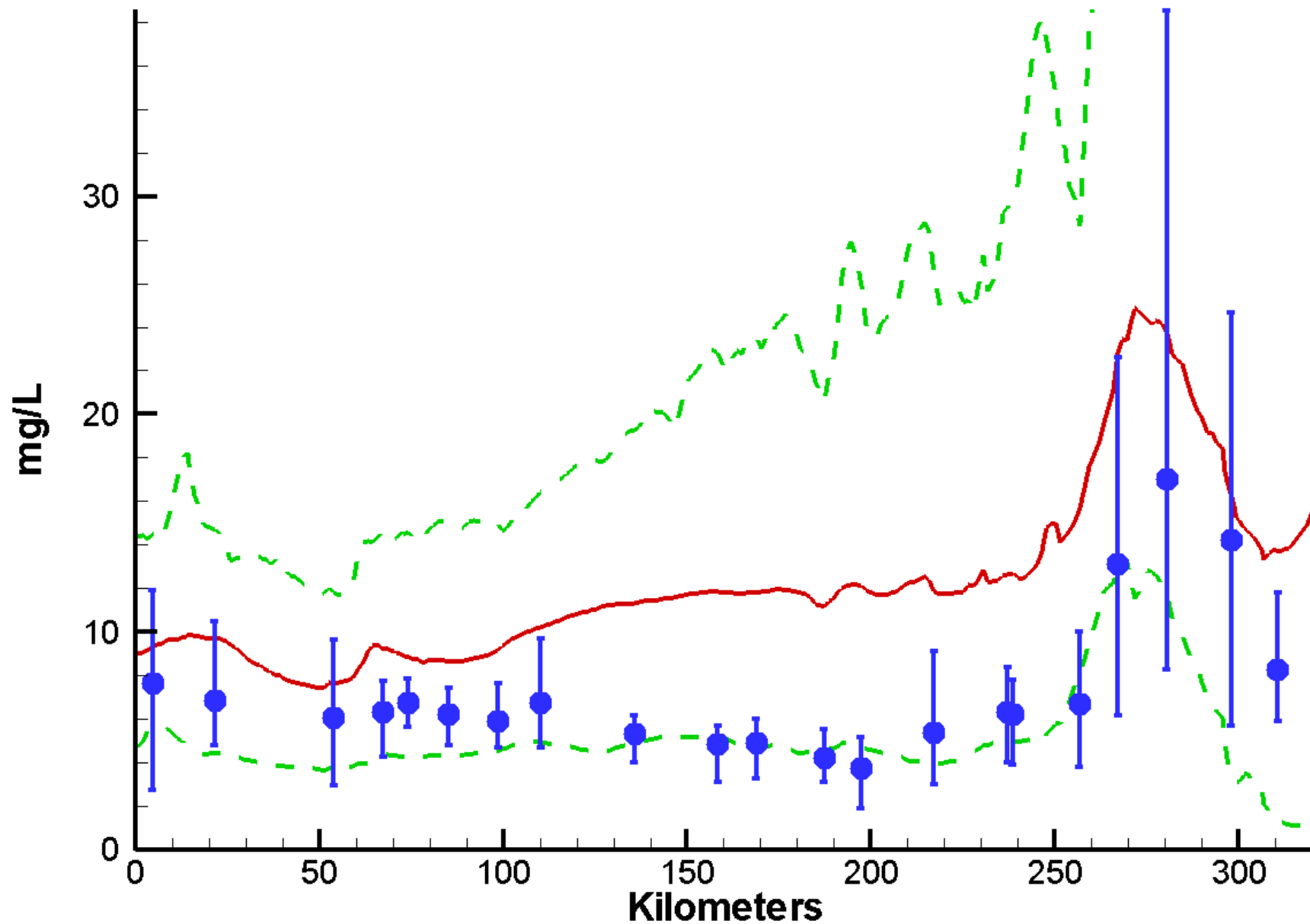
# Mainstem Bay Ches2015 Run118

## Bottom Total Suspended Solids Spring 1999



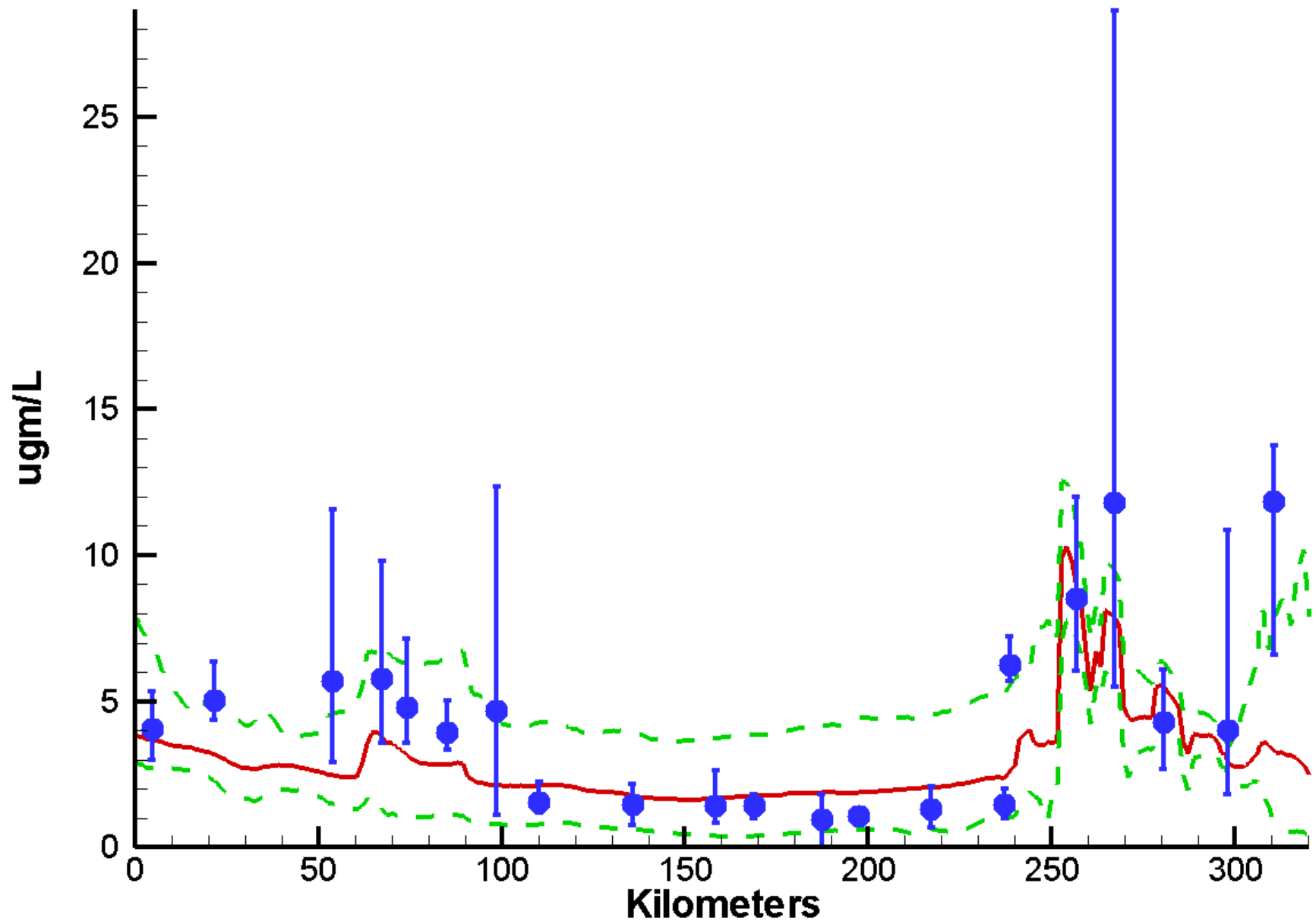
# Mainstem Bay Ches2015 Run118

## Surface Total Suspended Solids Spring 1999



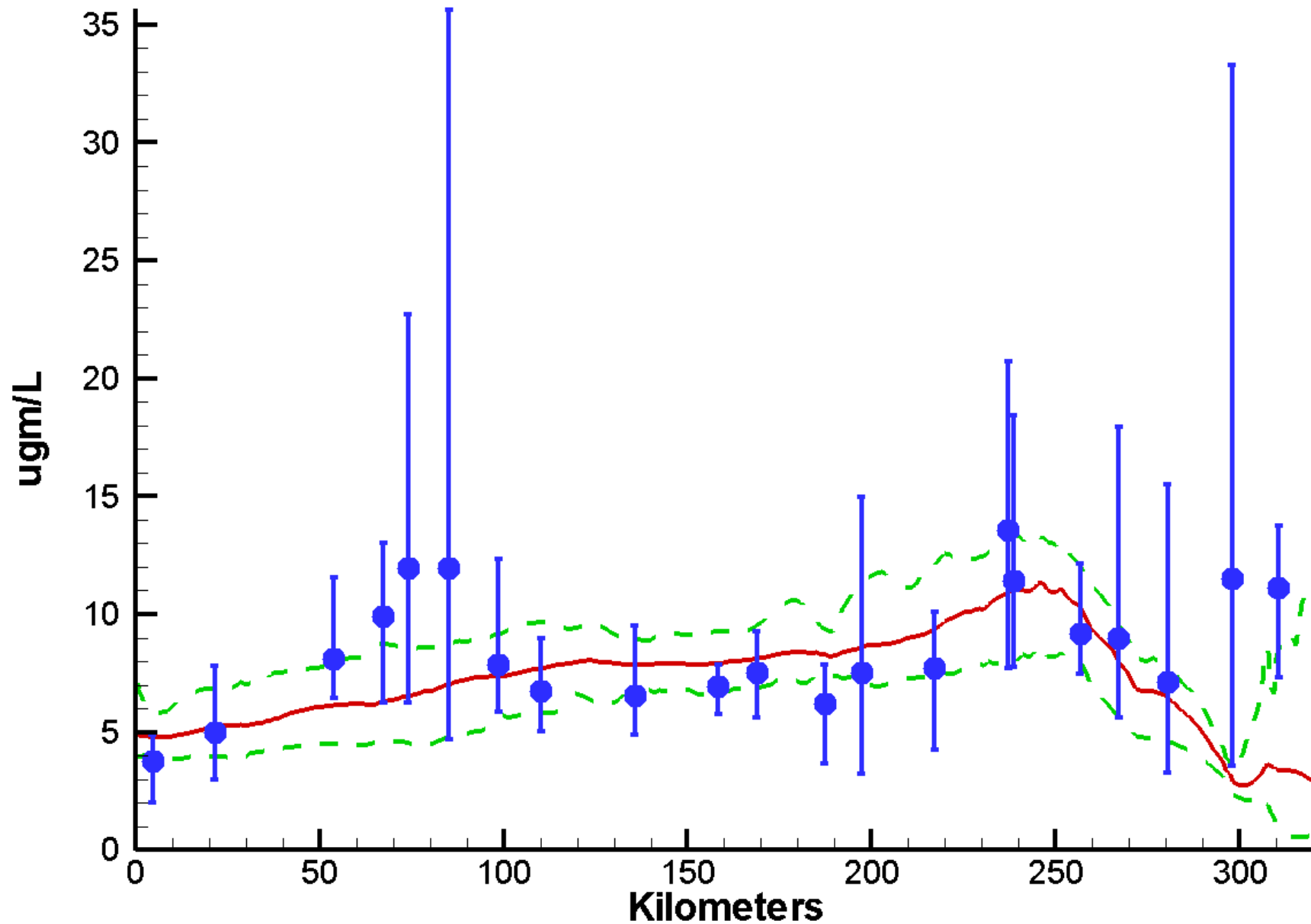
# Mainstem Bay Ches2015 Run118

## Bottom Chlorophyll Summer 1999



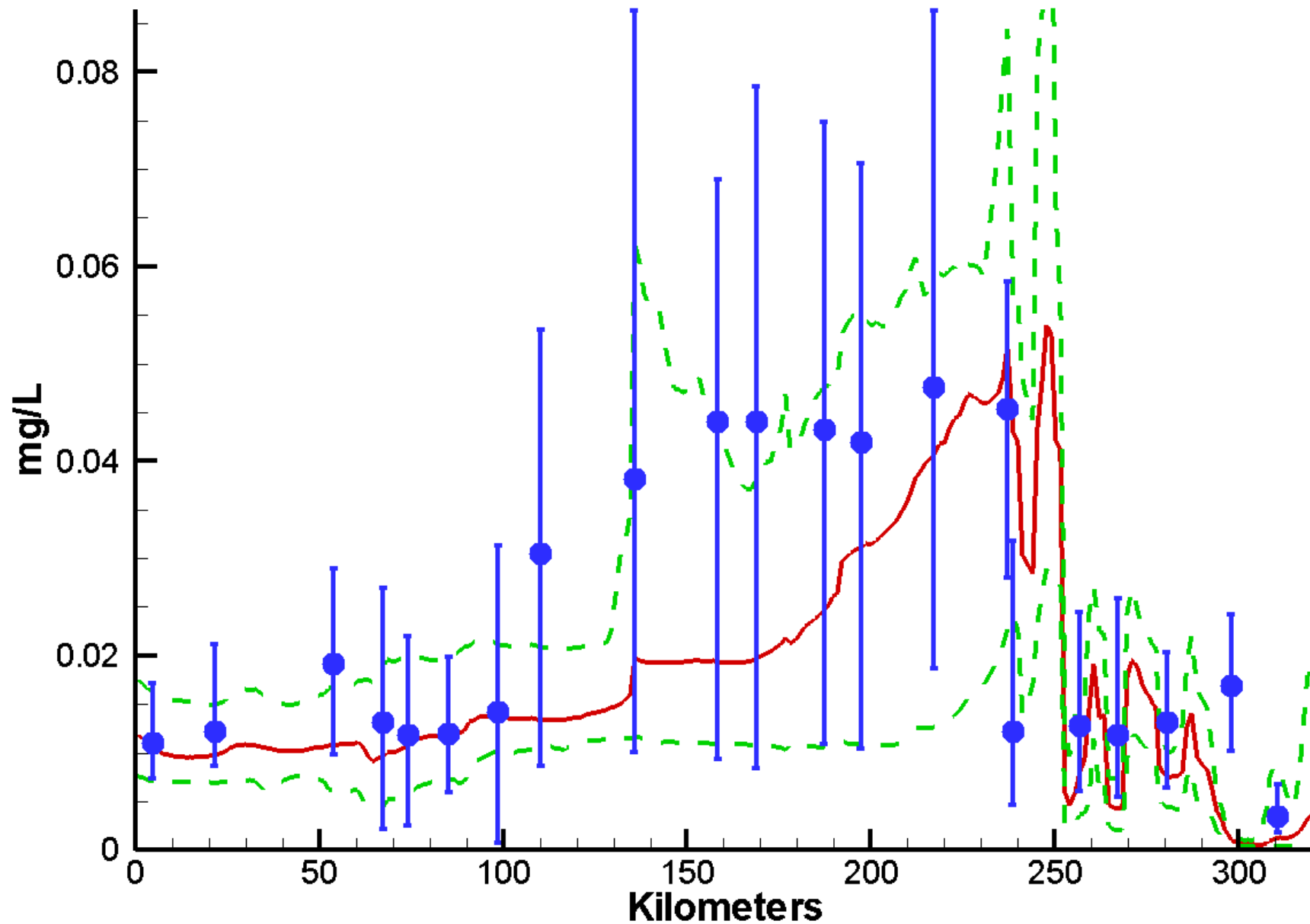
# Mainstem Bay Ches2015 Run118

## Surface Chlorophyll Summer 1999



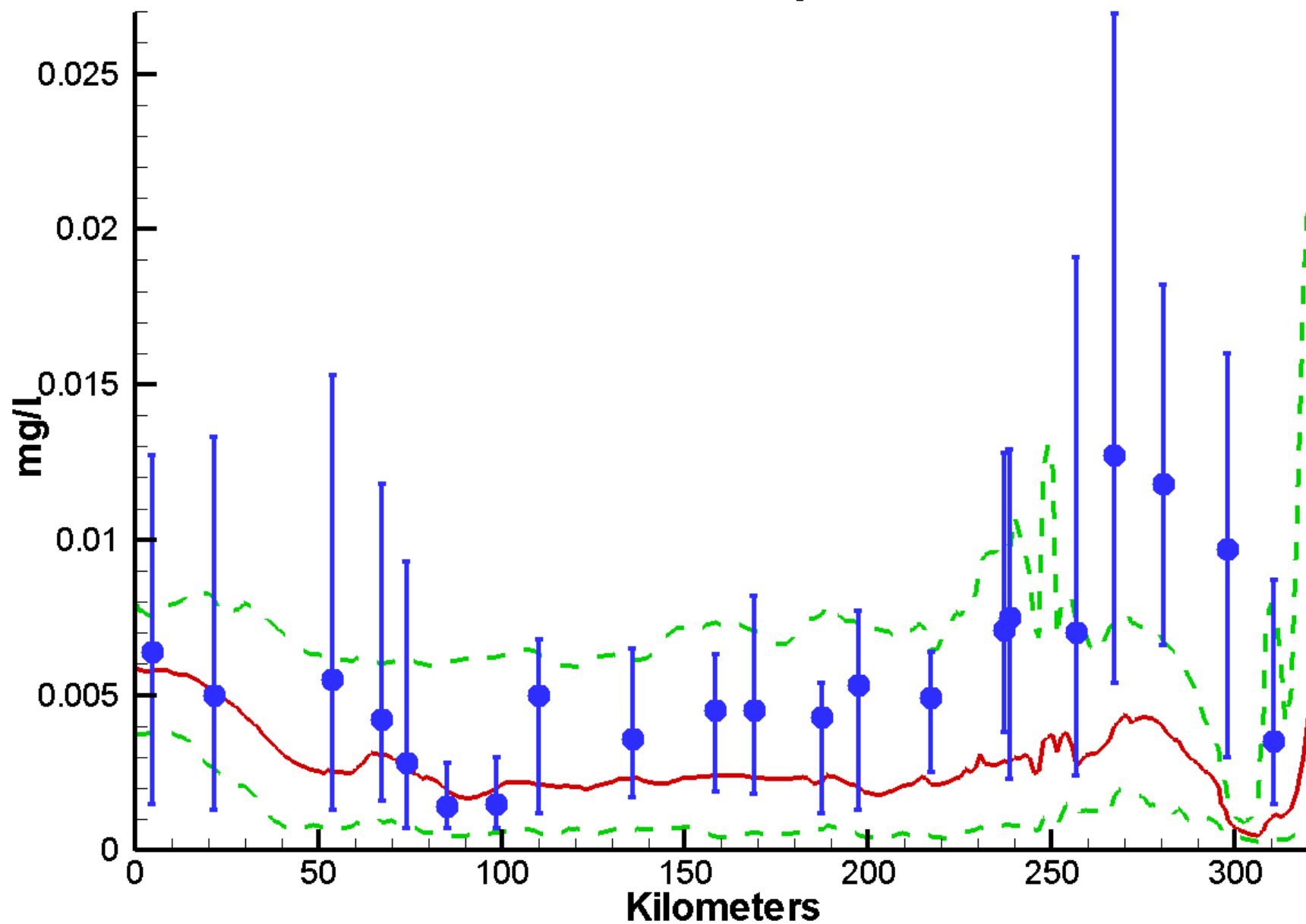
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1999



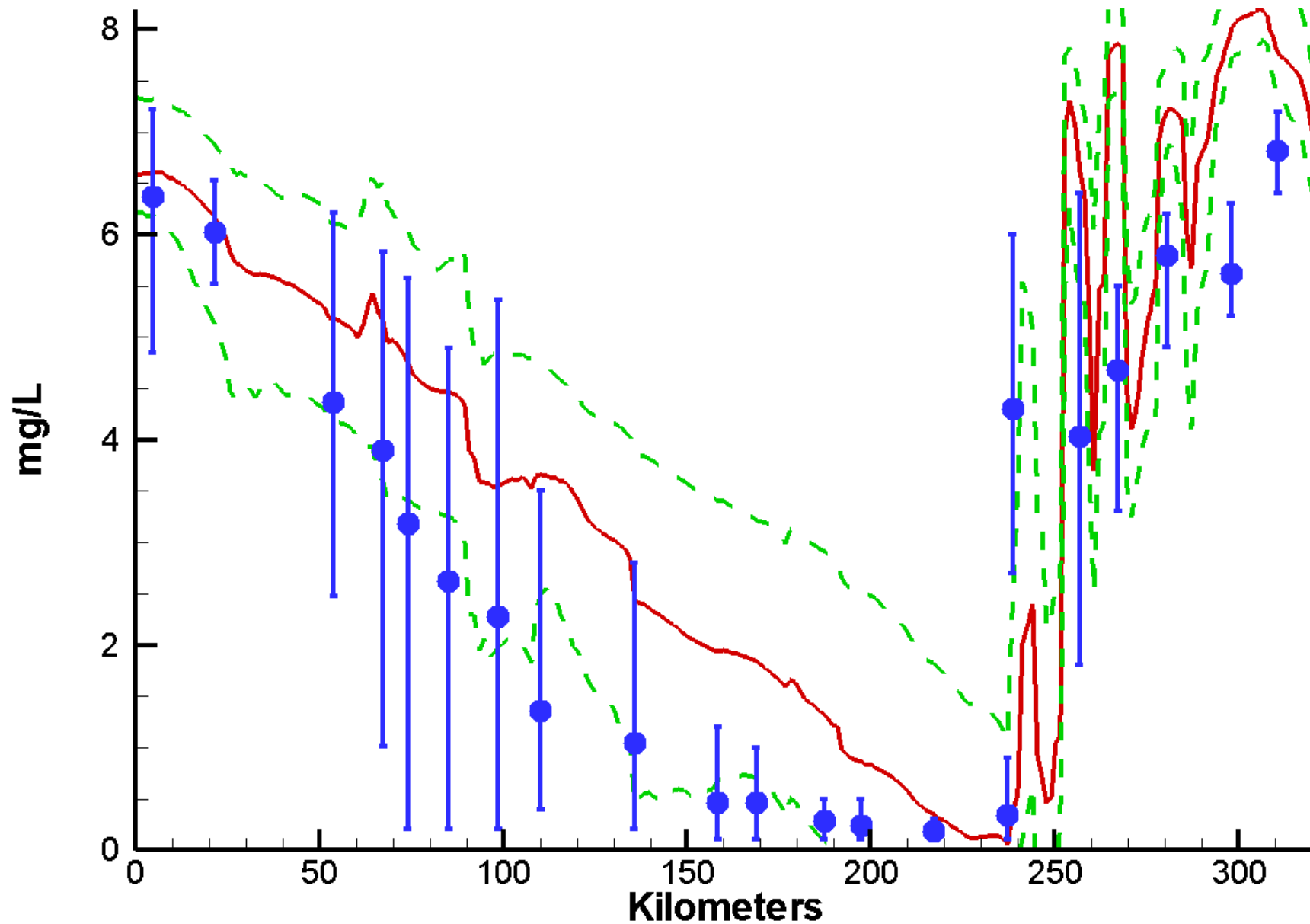
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Phosphate Summer 1999



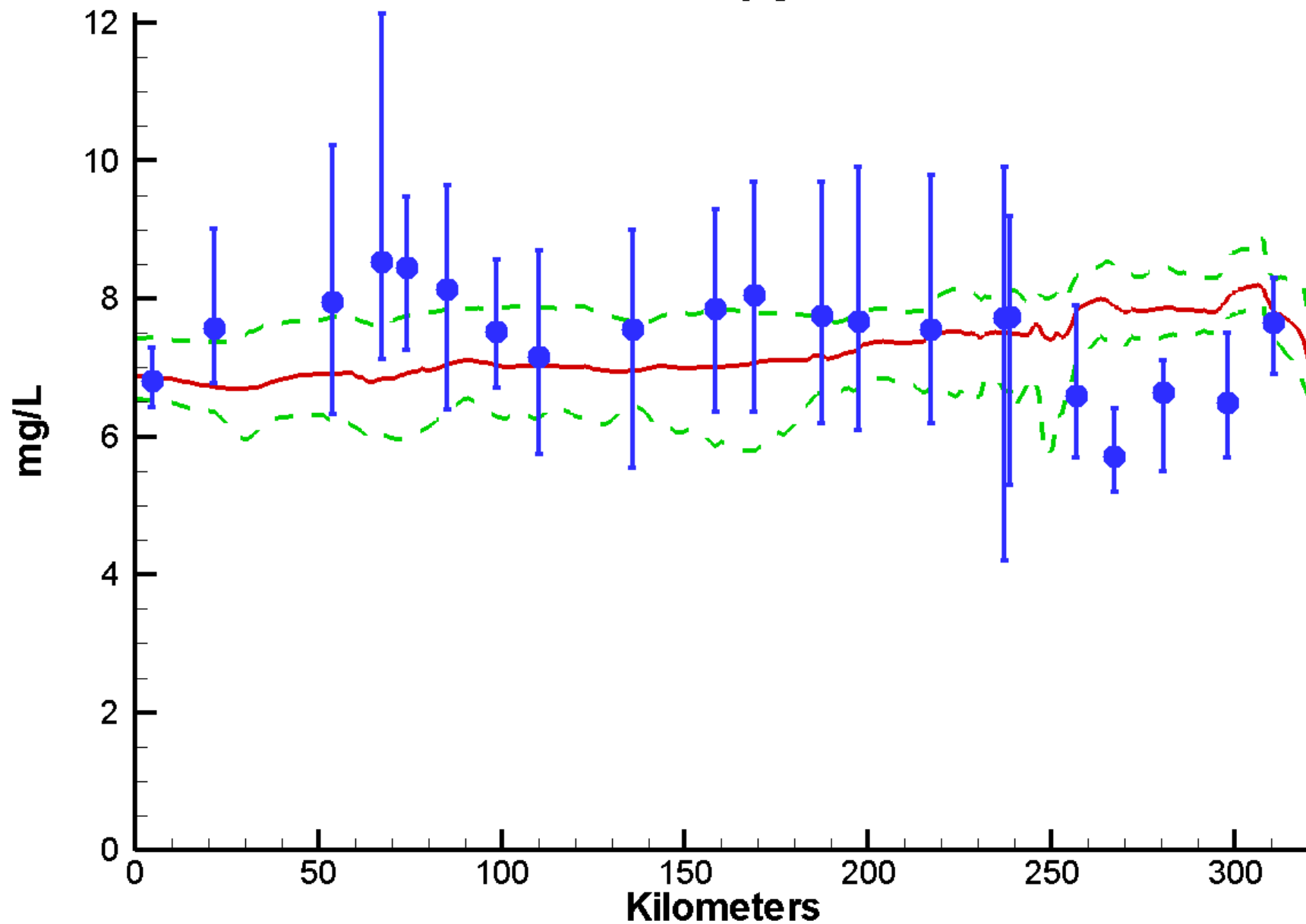
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1999



# Mainstem Bay Ches2015 Run118

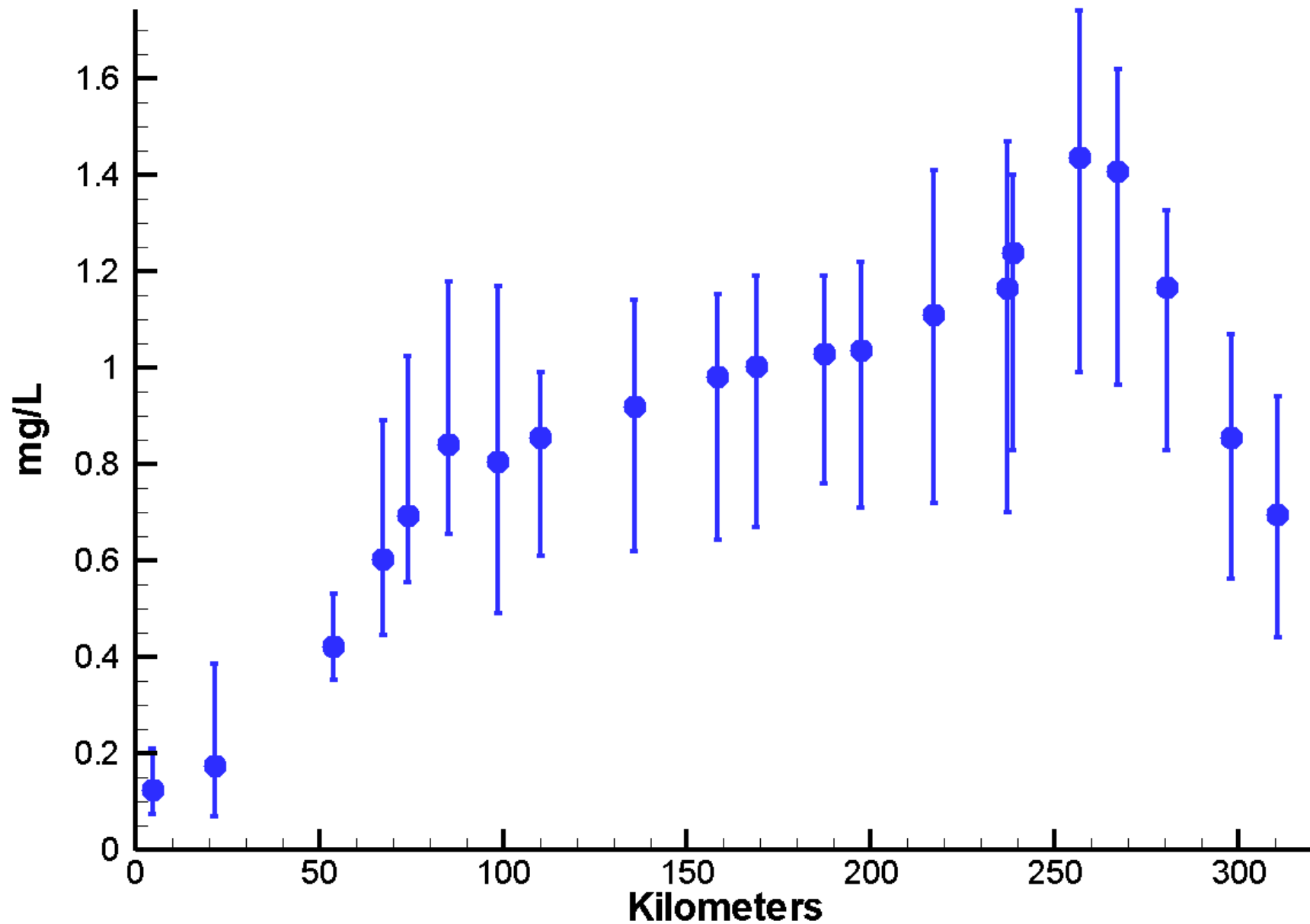
## Surface Dissolved Oxygen Summer 1999





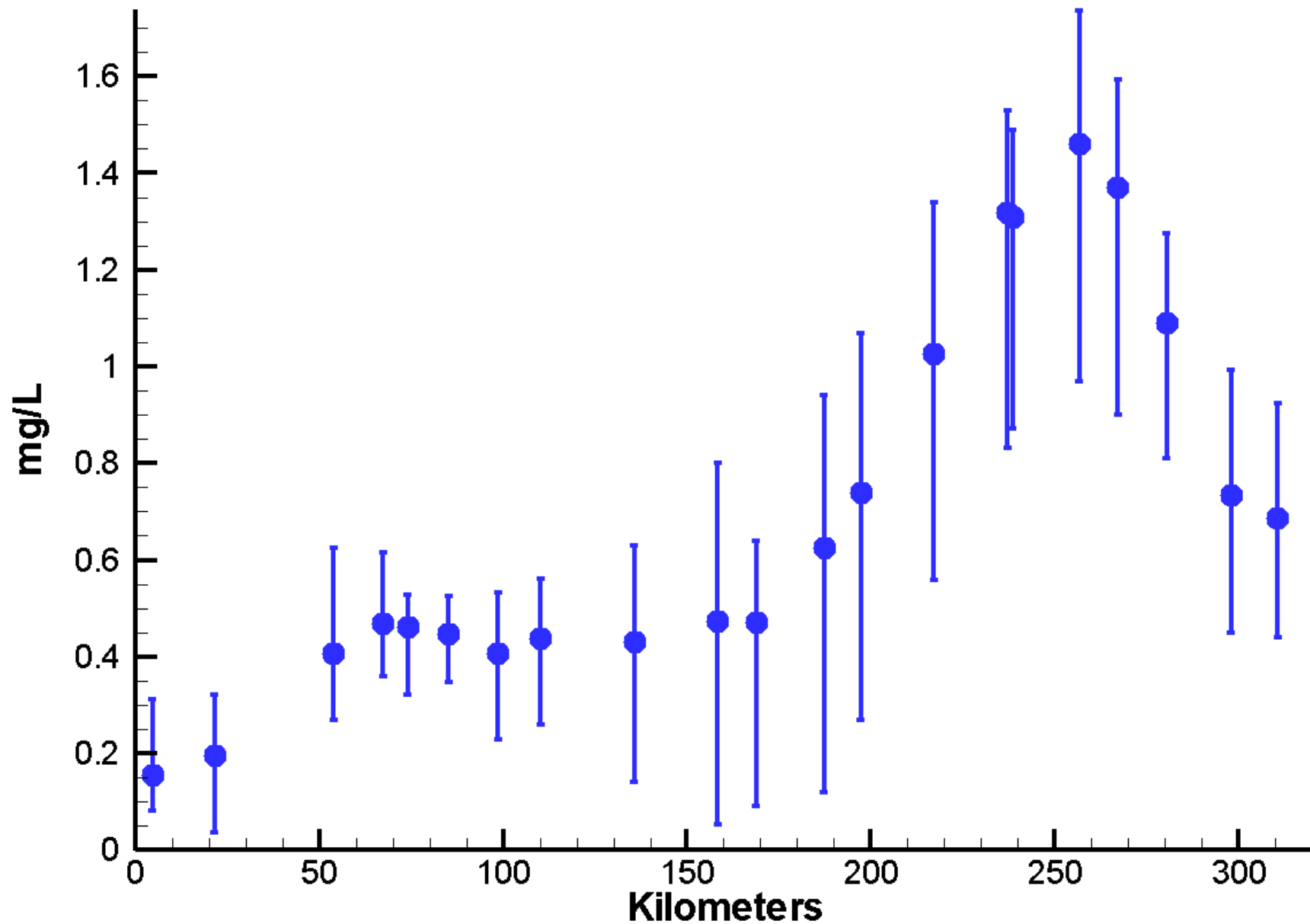
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Silica Summer 1999



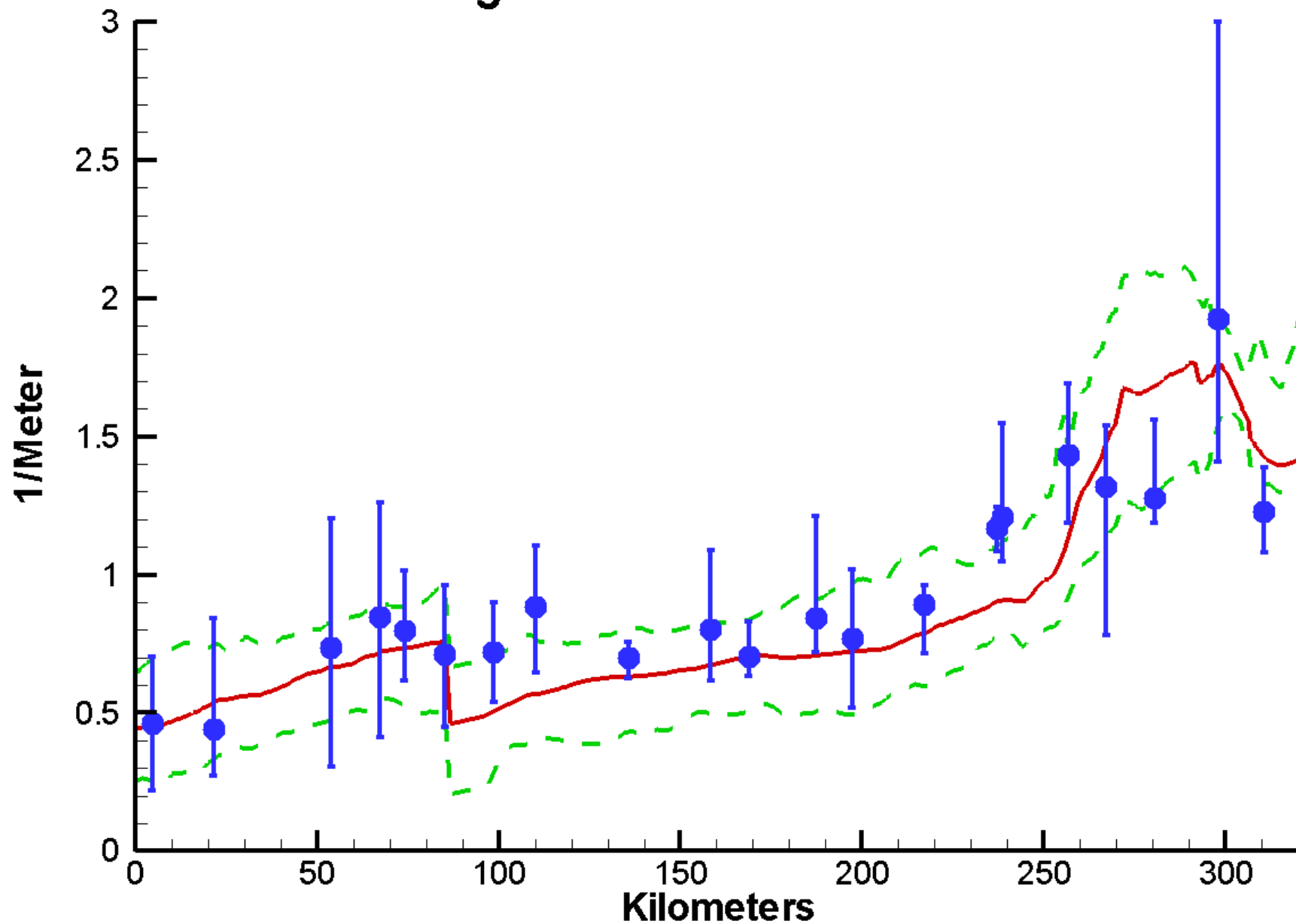
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Silica Summer 1999



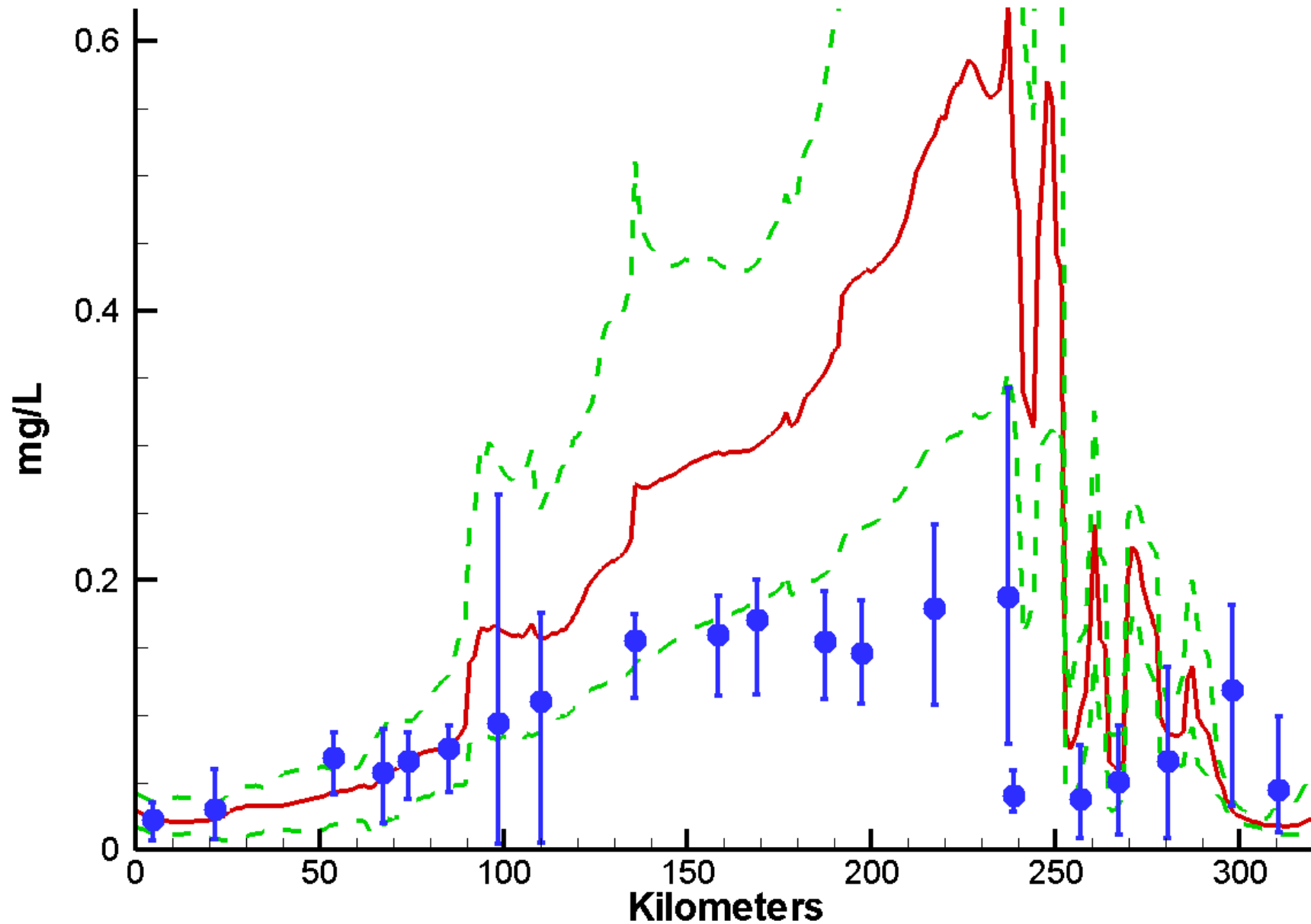
# Mainstem Bay Ches2015 Run118

## Surface Light Extinction Summer 1999



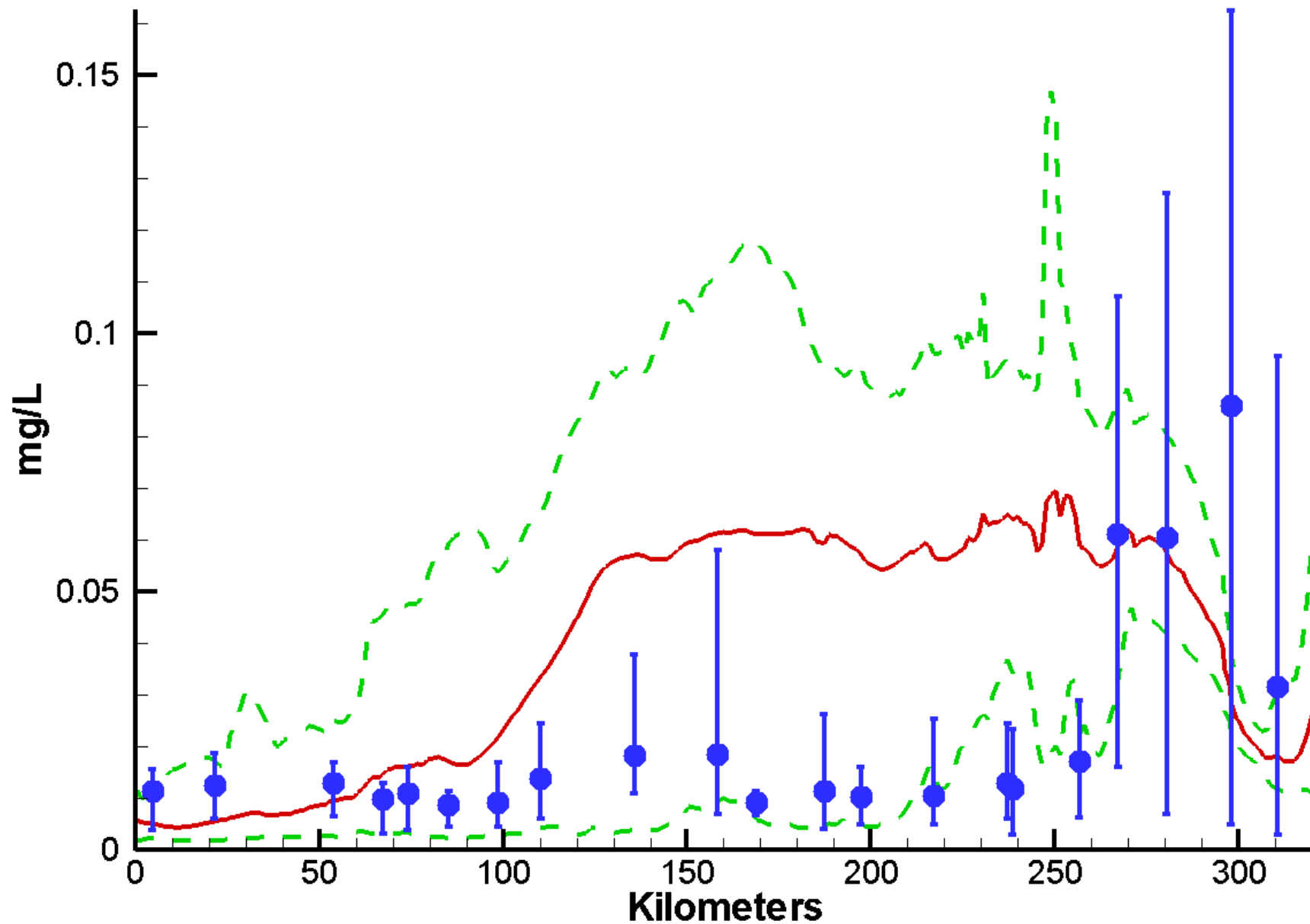
# Mainstem Bay Ches2015 Run118

## Bottom Ammonium Summer 1999



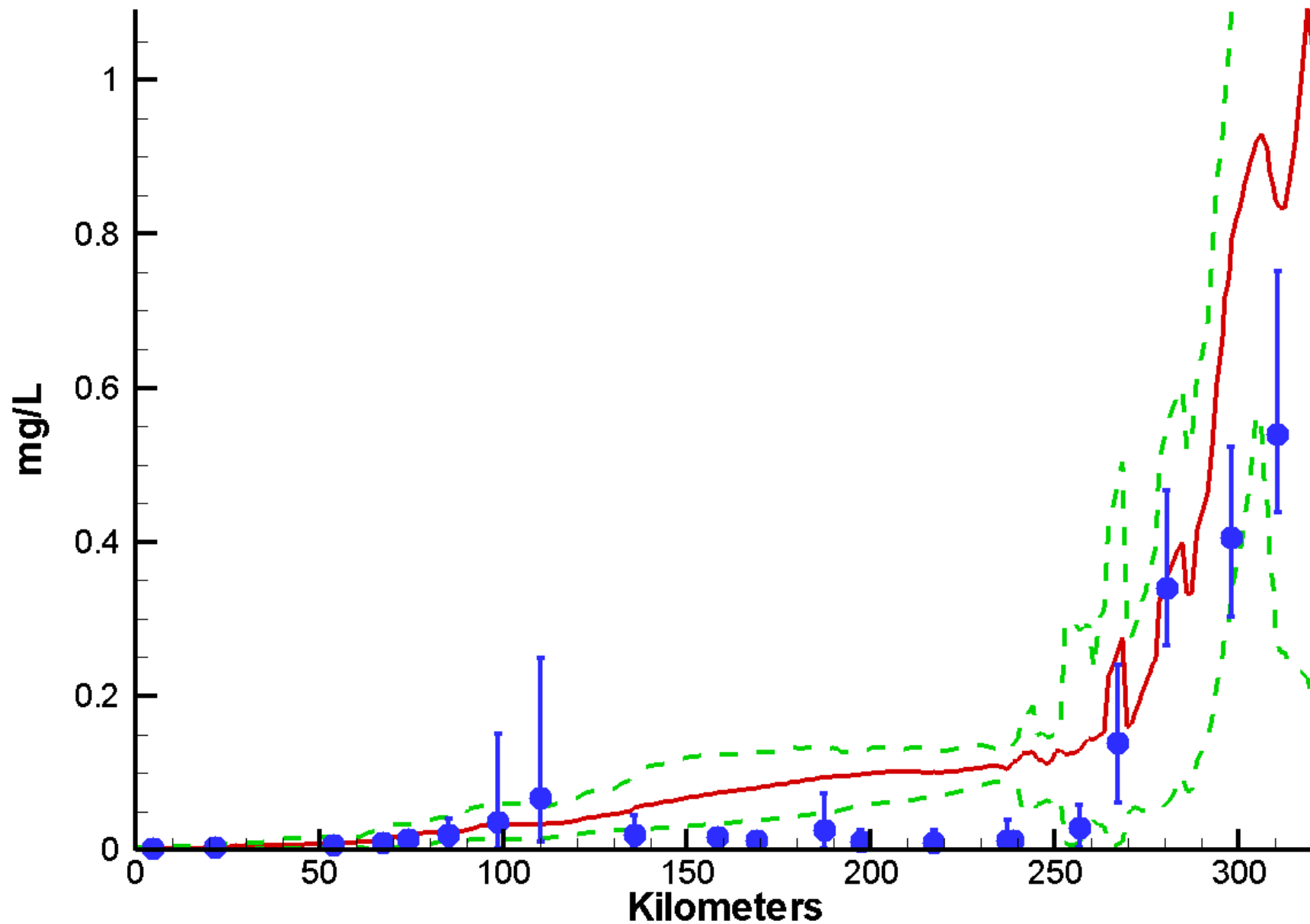
# Mainstem Bay Ches2015 Run118

## Surface Ammonium Summer 1999



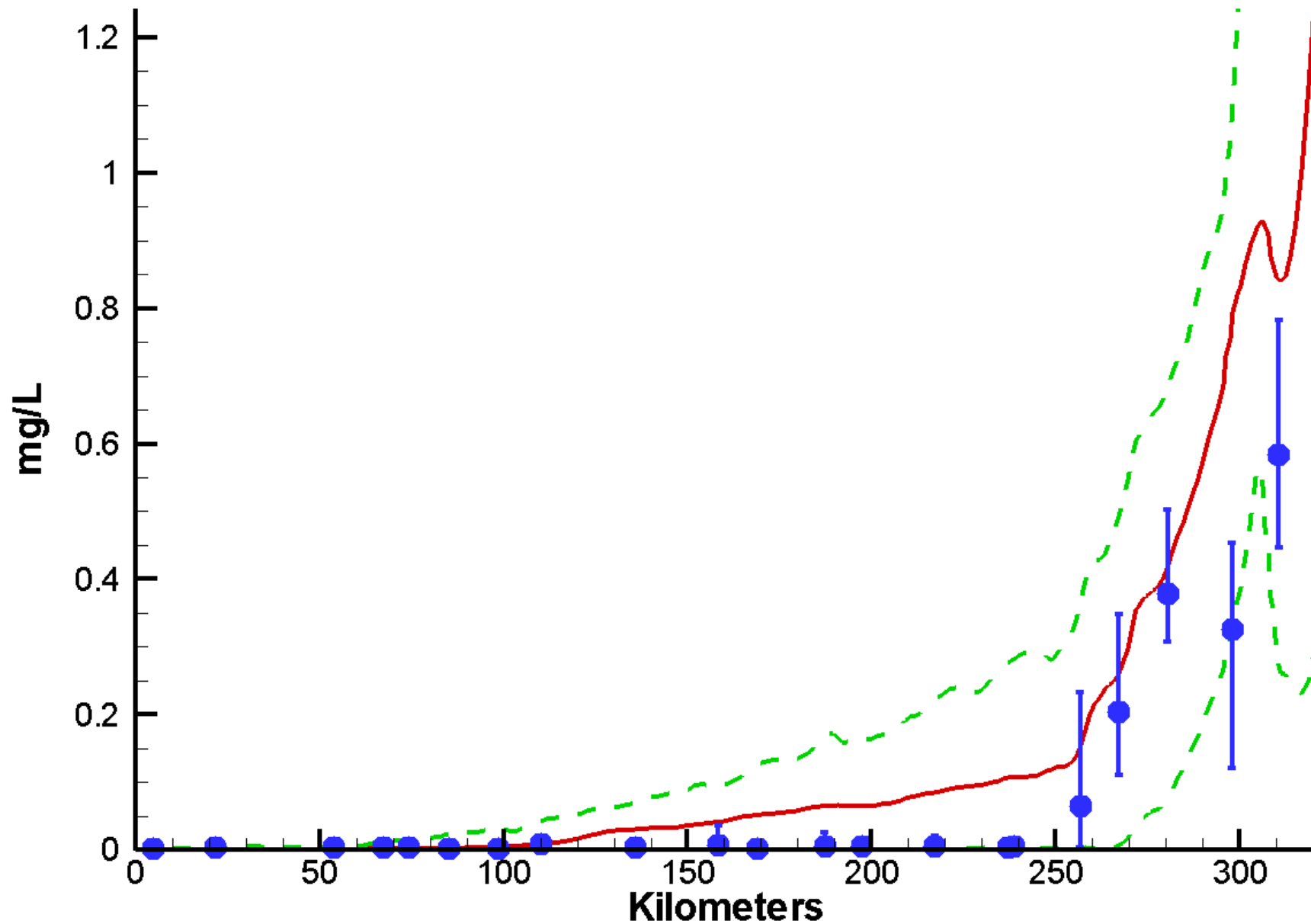
# Mainstem Bay Ches2015 Run118

## Bottom Nitrate Summer 1999



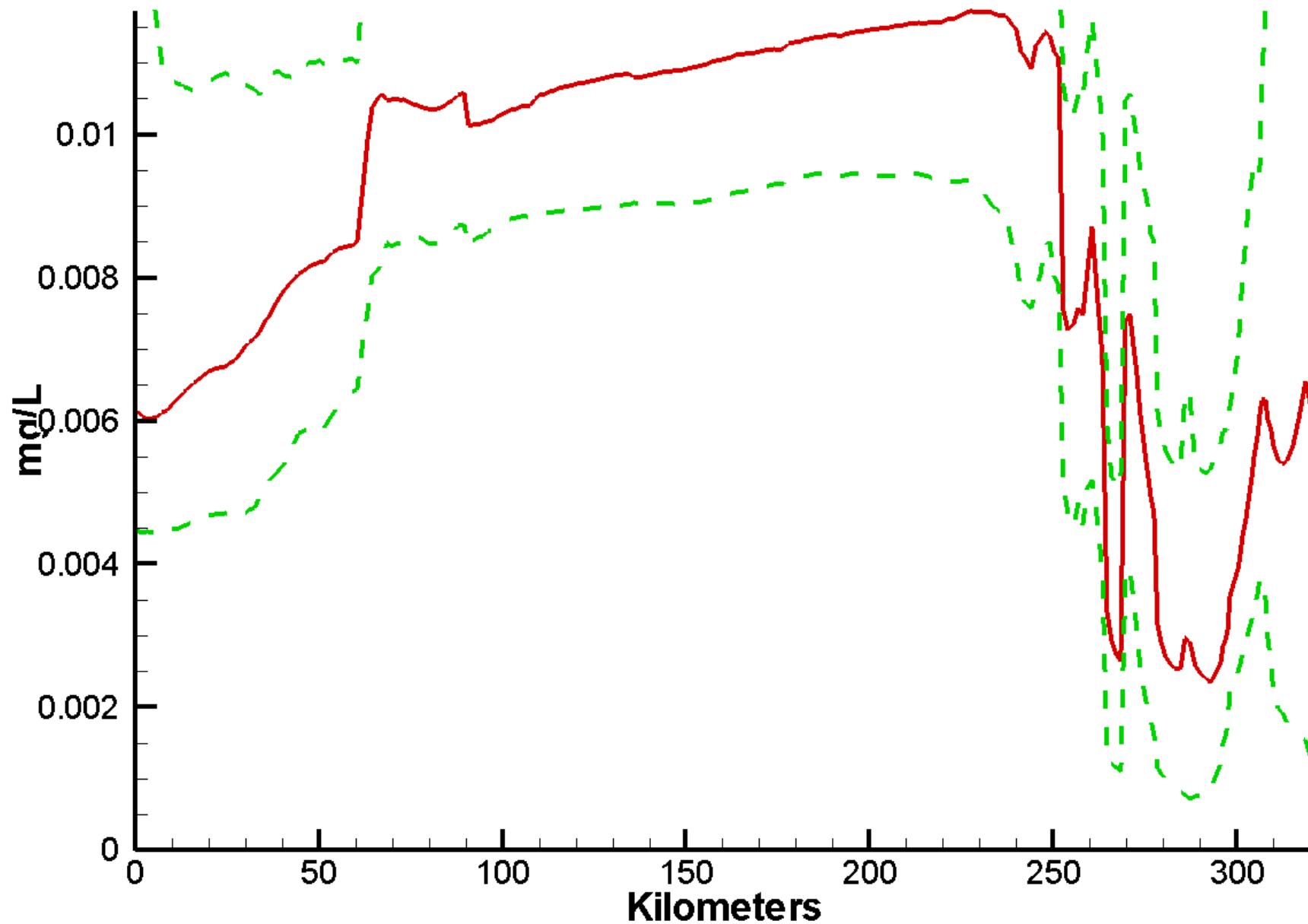
# Mainstem Bay Ches2015 Run118

## Surface Nitrate Summer 1999



# Mainstem Bay Ches2015 Run118

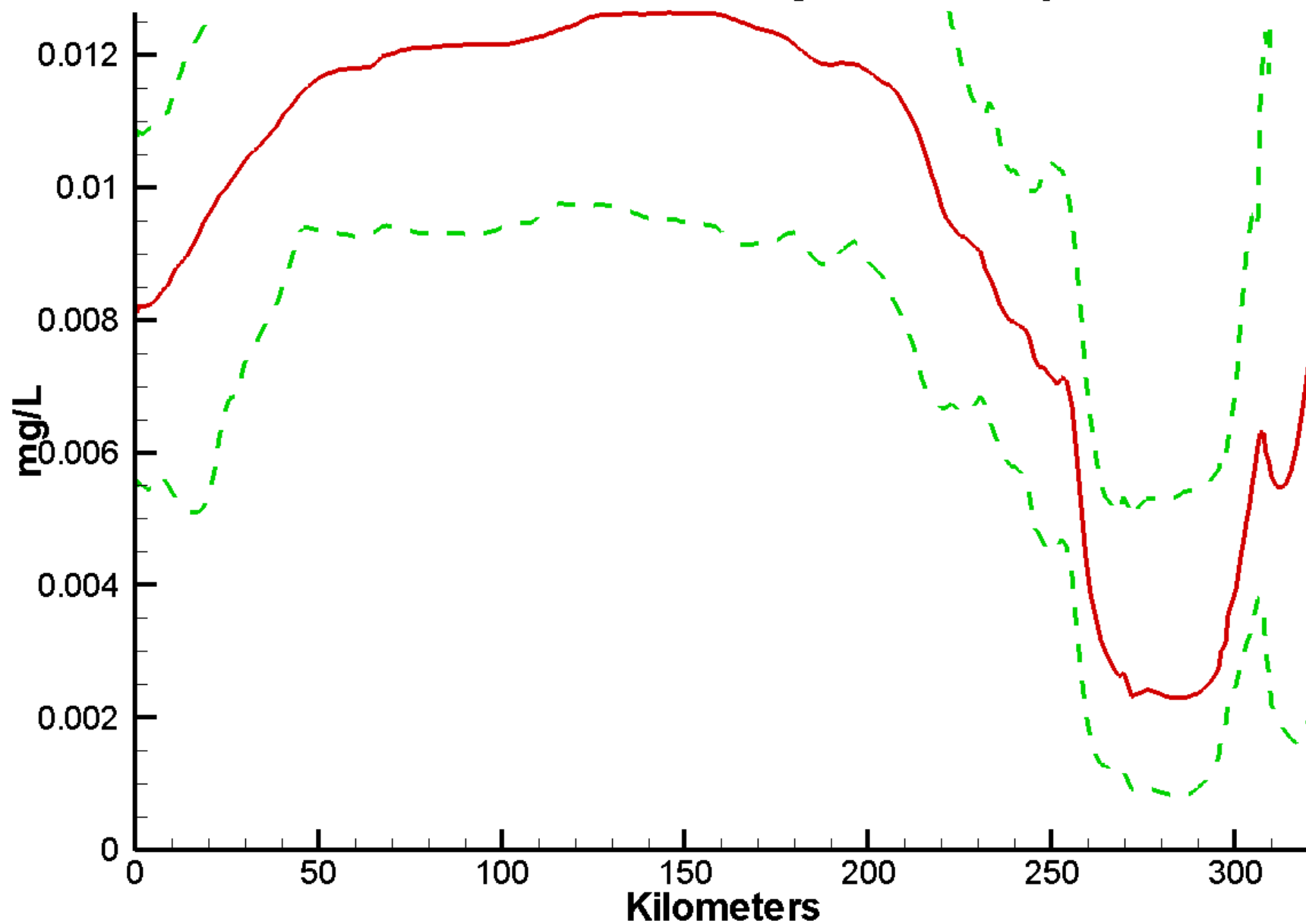
## Bottom Particulate Inorganic Phosphorus Summer 1999





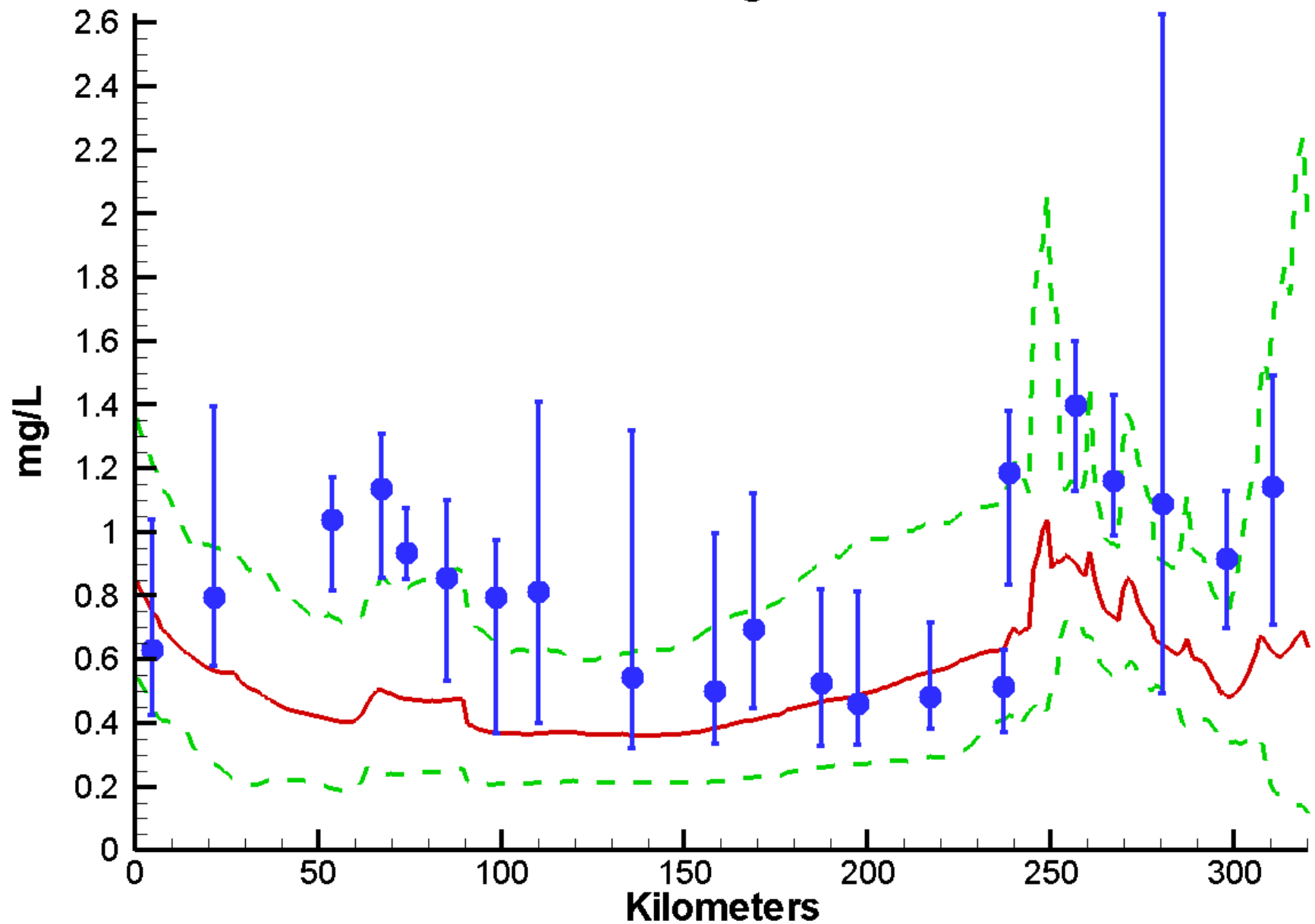
# Mainstem Bay Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



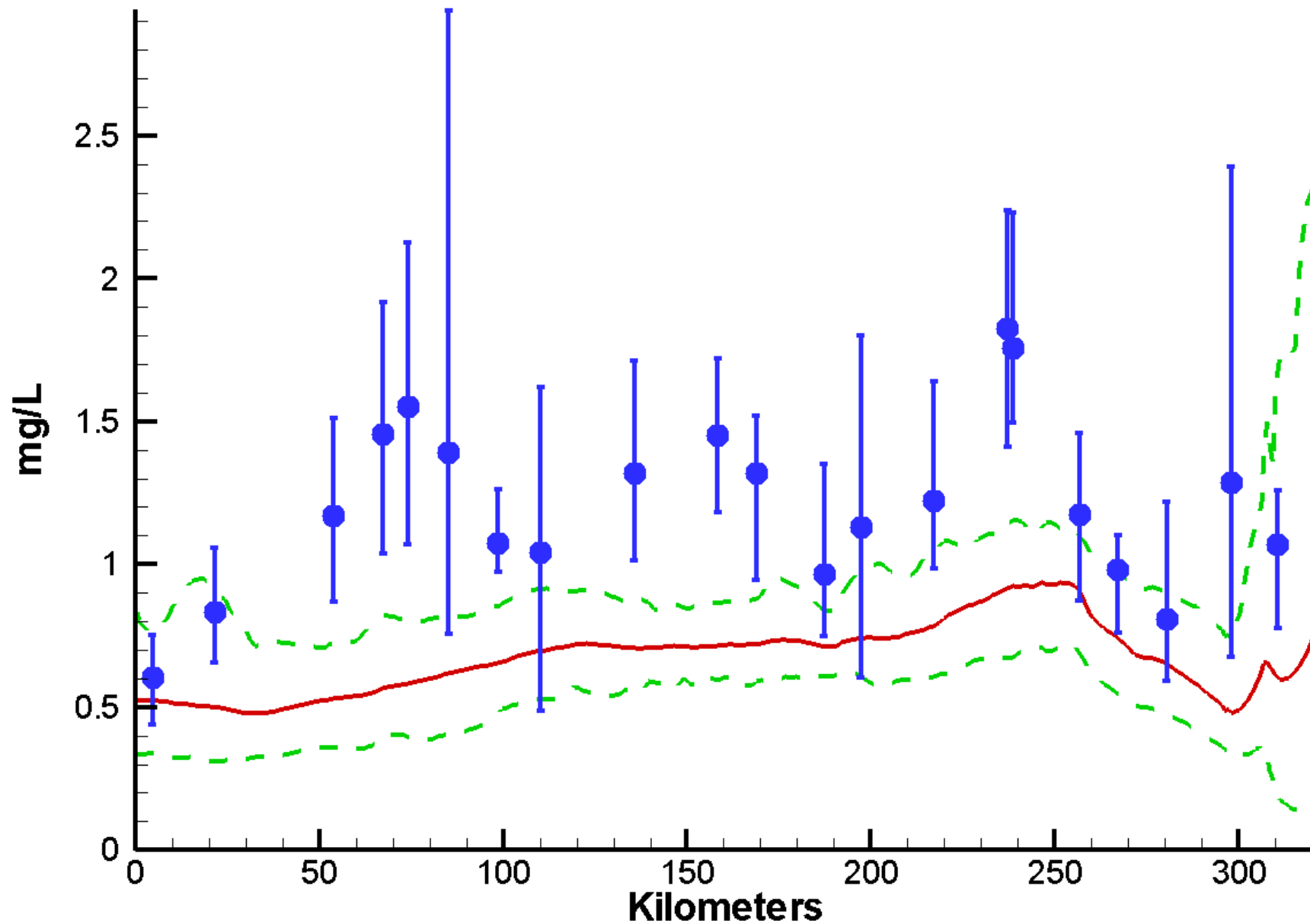
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1999



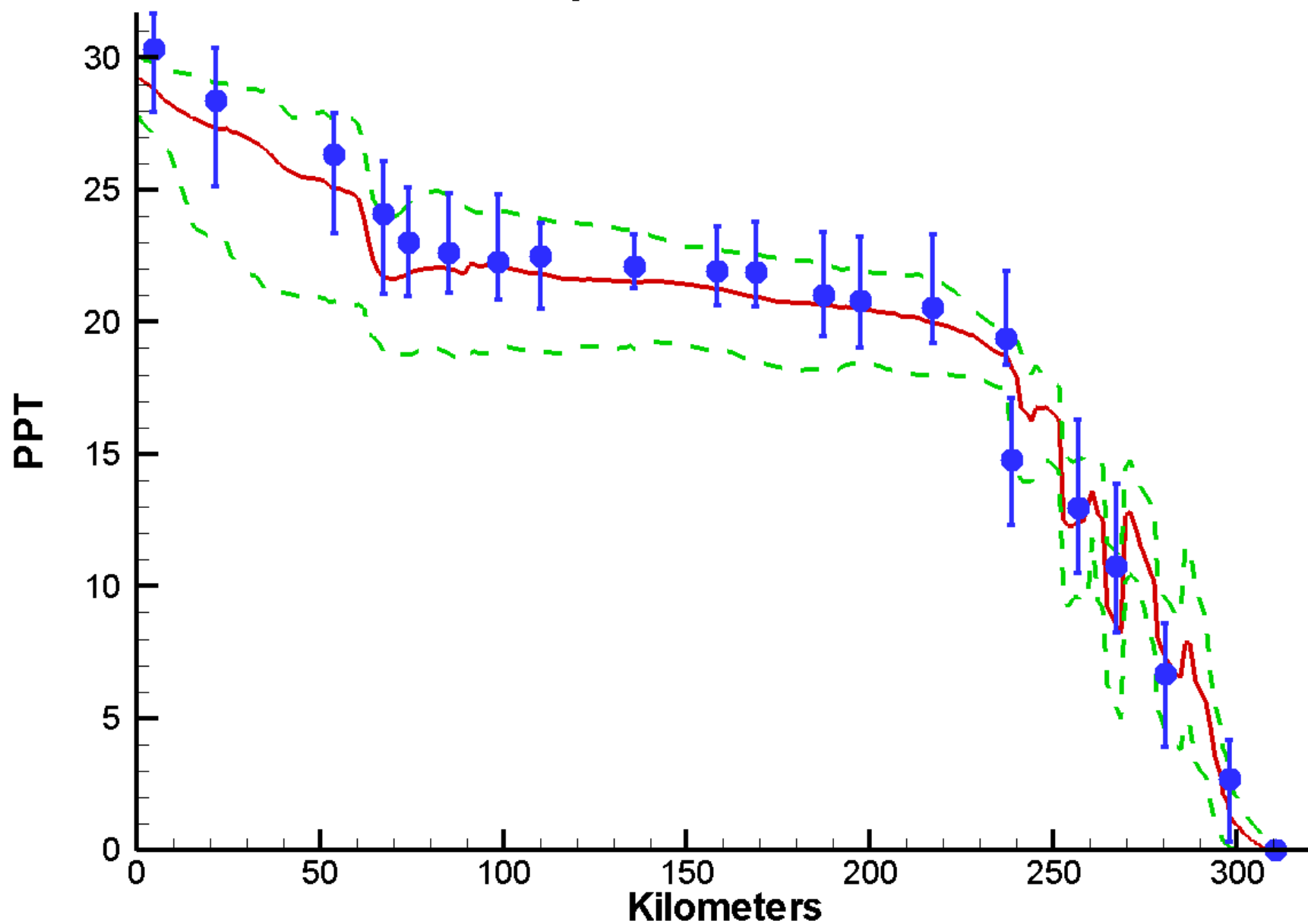
# Mainstem Bay Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1999



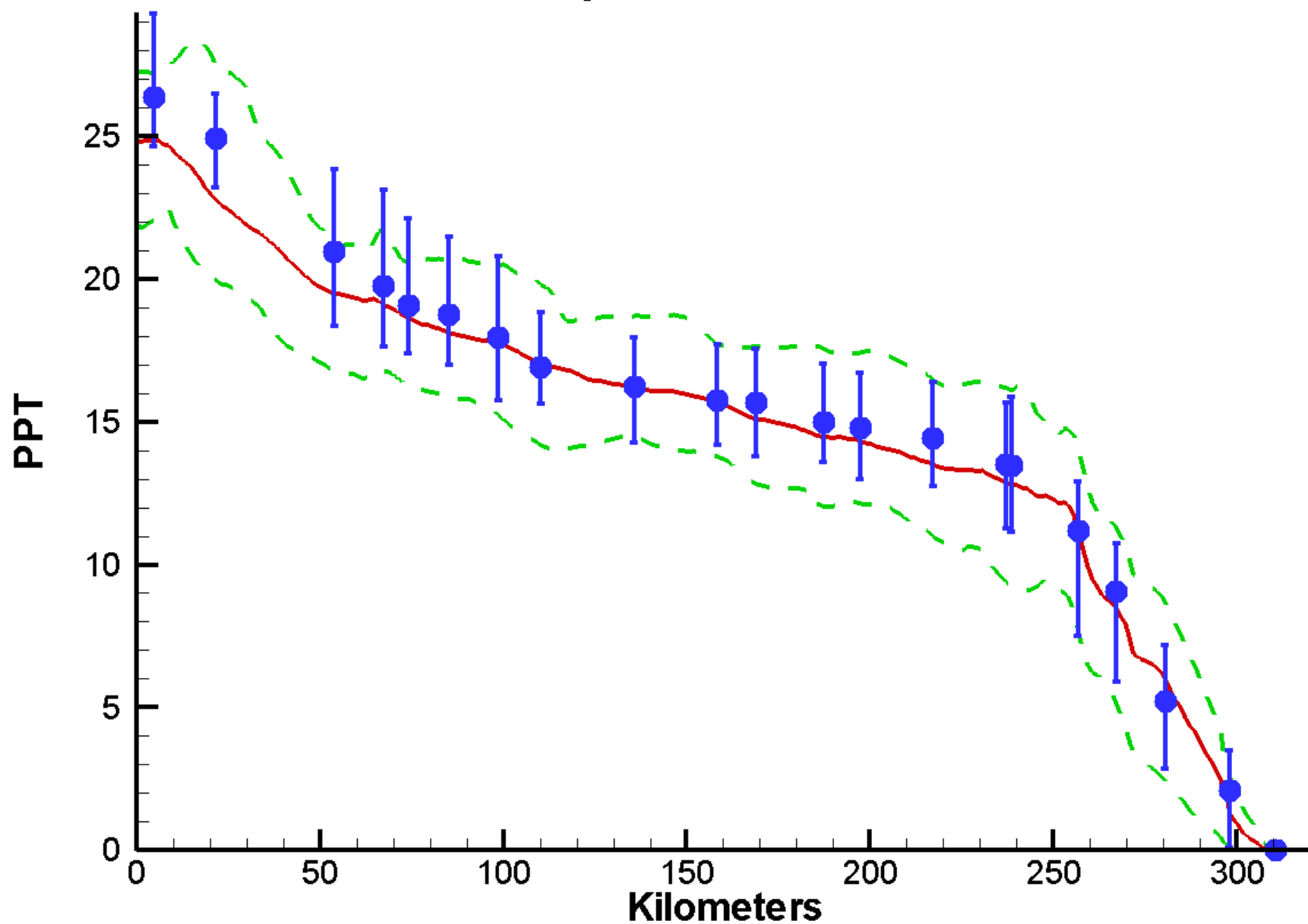
# Mainstem Bay Ches2015 Run118

## Bottom Salinity Summer 1999



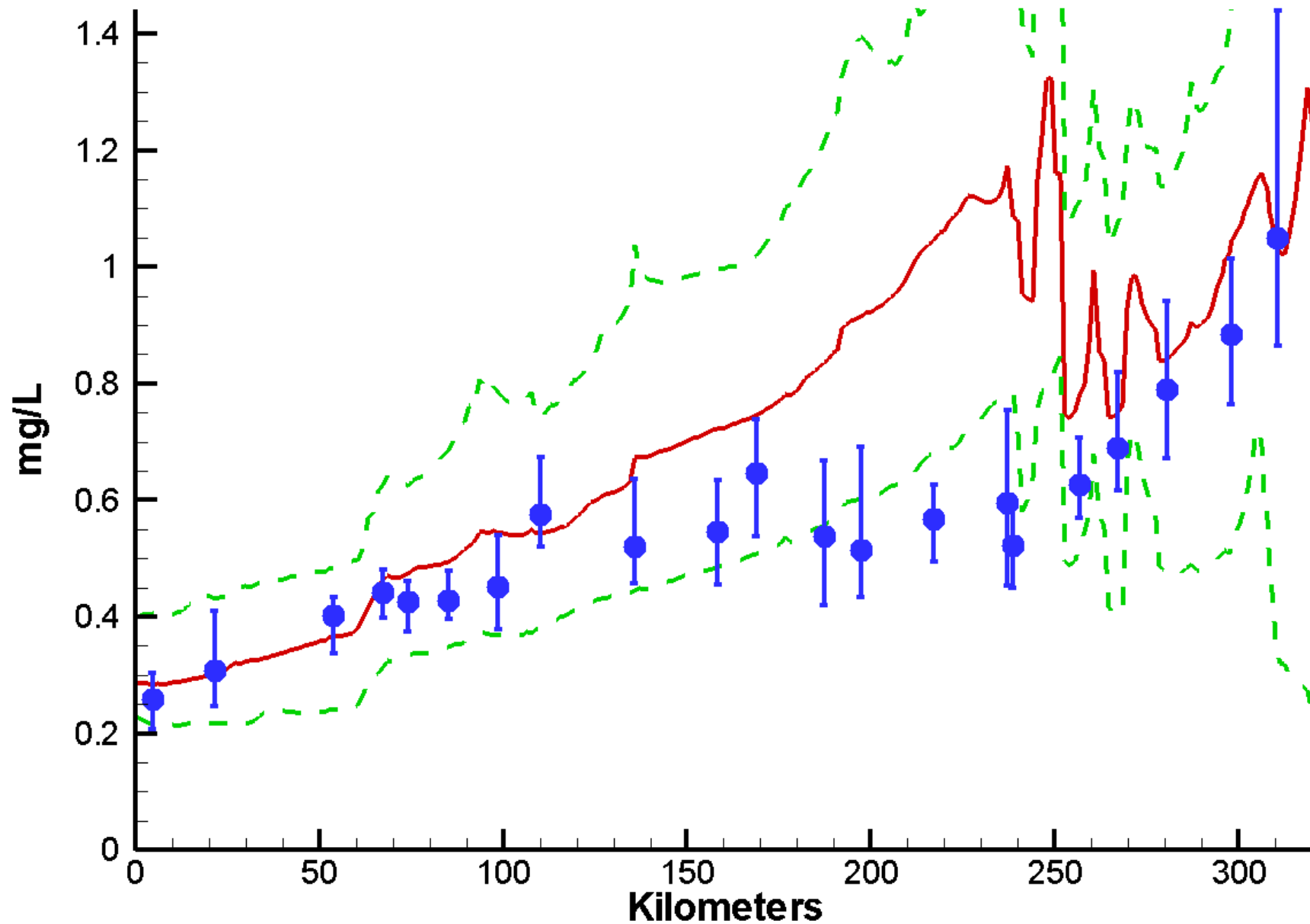
# Mainstem Bay Ches2015 Run118

## Surface Salinity Summer 1999



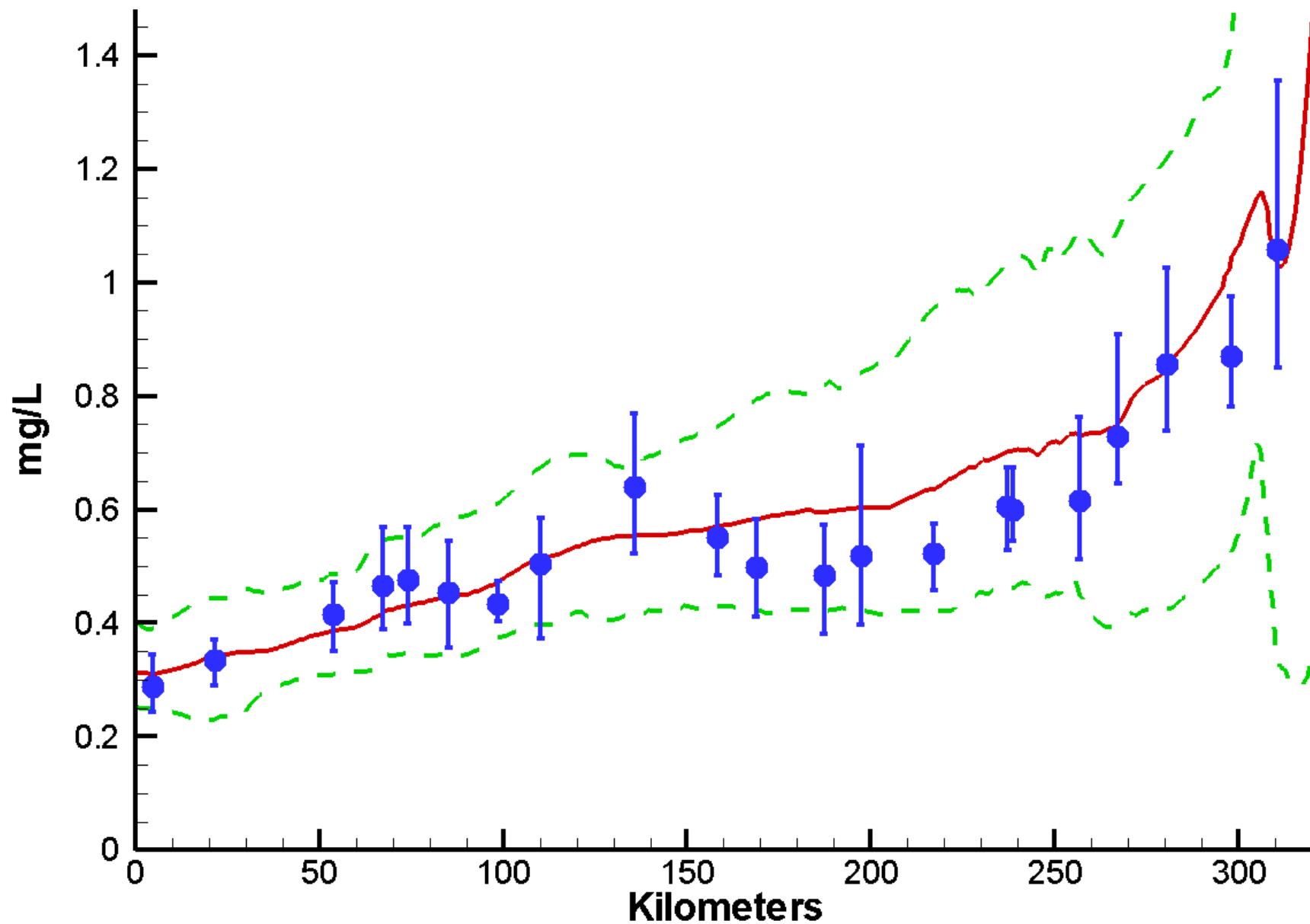
# Mainstem Bay Ches2015 Run118

## Bottom Total Nitrogen Summer 1999

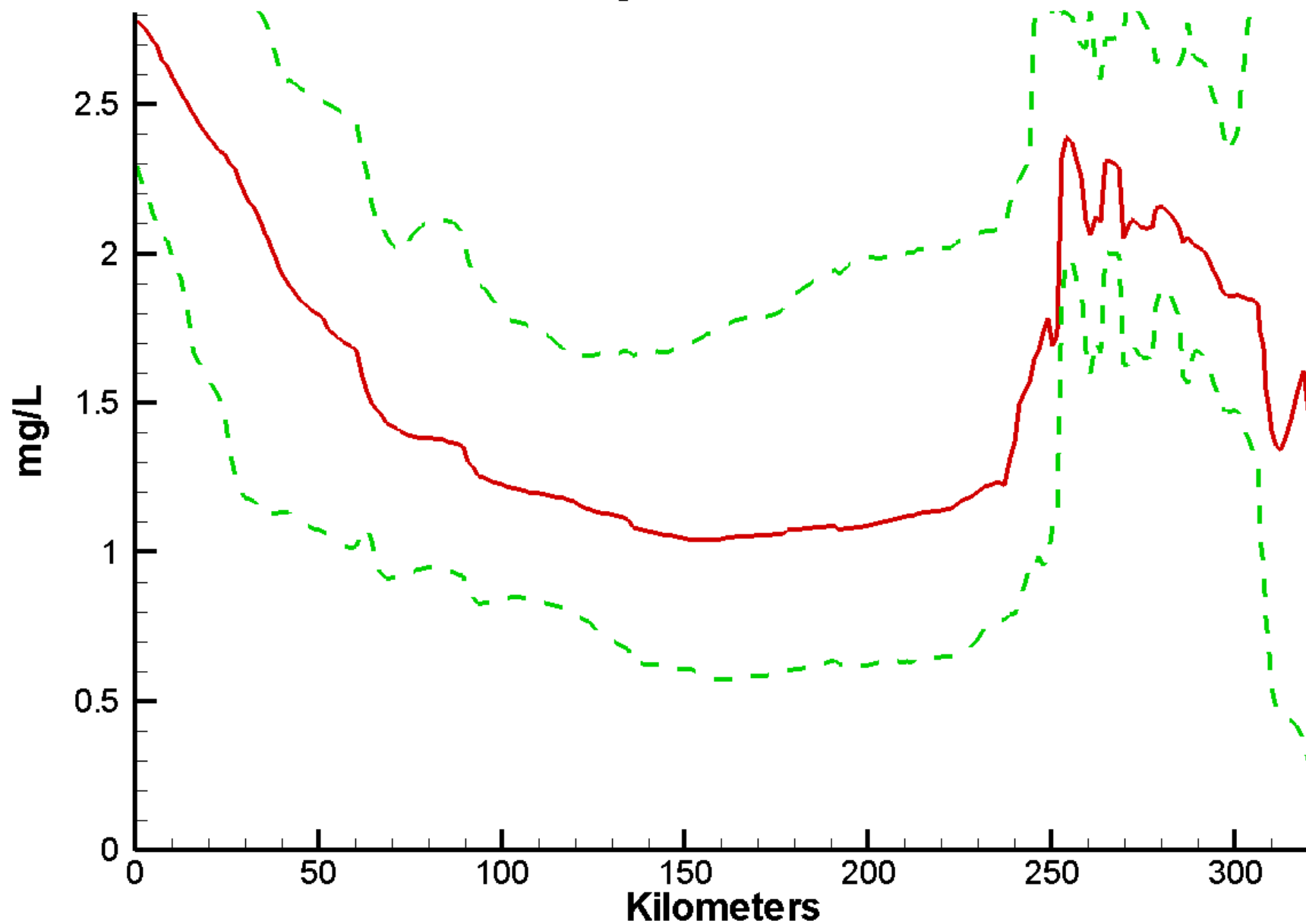


# Mainstem Bay Ches2015 Run118

## Surface Total Nitrogen Summer 1999



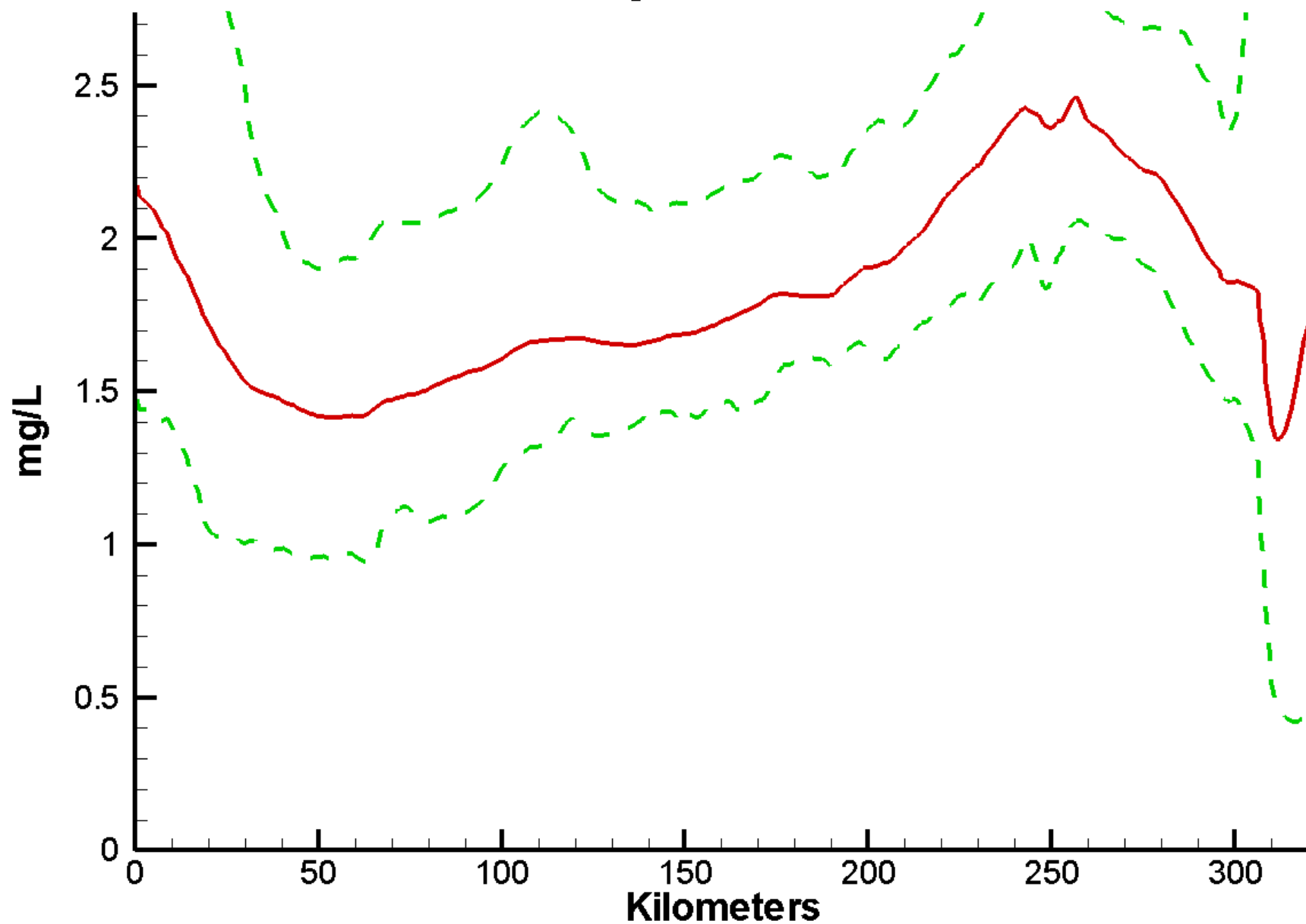
**Mainstem Bay Ches2015 Run118**  
**Bottom Total Organic Carbon Summer 1999**





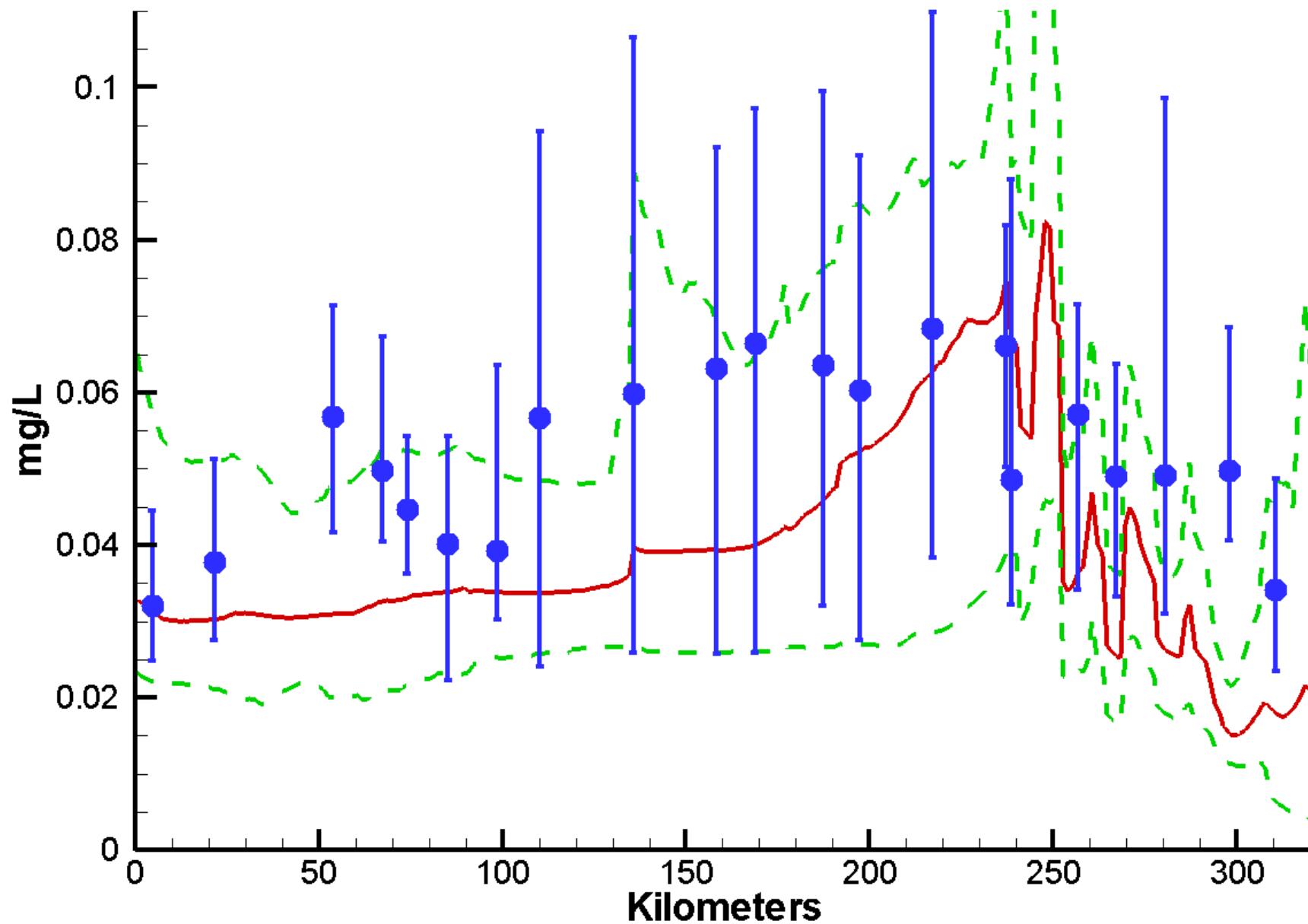
# Mainstem Bay Ches2015 Run118

## Surface Total Organic Carbon Summer 1999



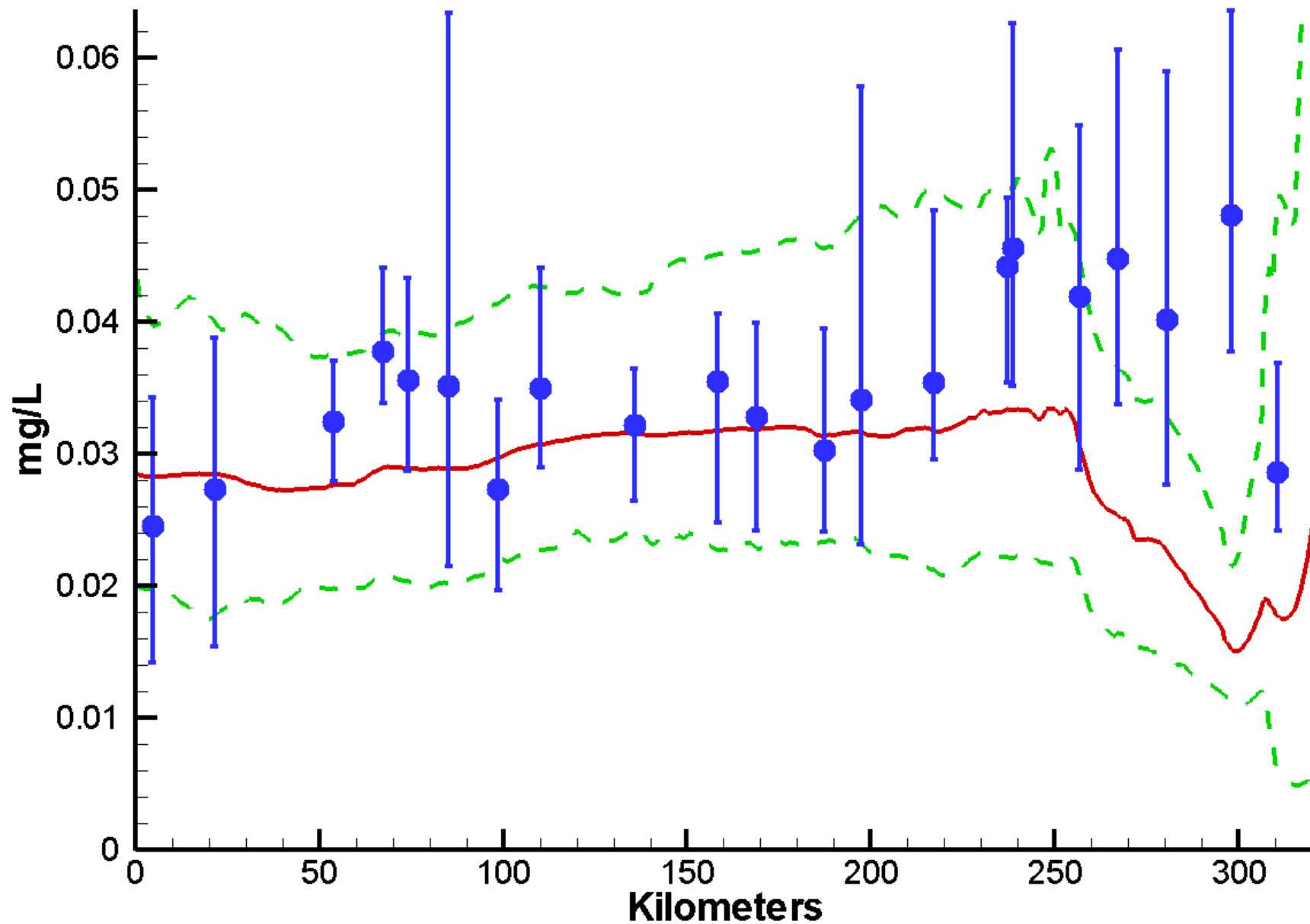
# Mainstem Bay Ches2015 Run118

## Bottom Total Phosphorus Summer 1999



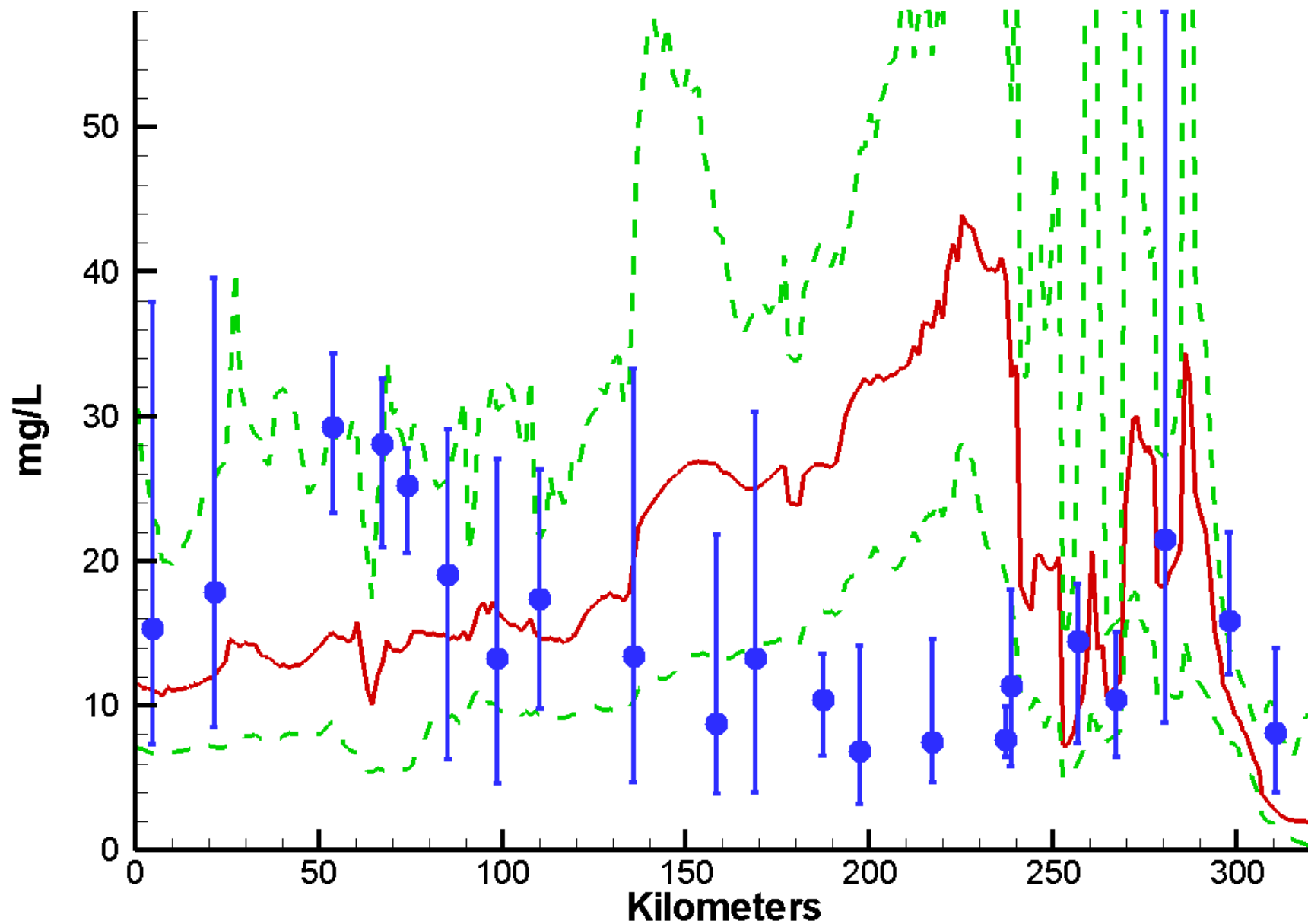
# Mainstem Bay Ches2015 Run118

## Surface Total Phosphorus Summer 1999



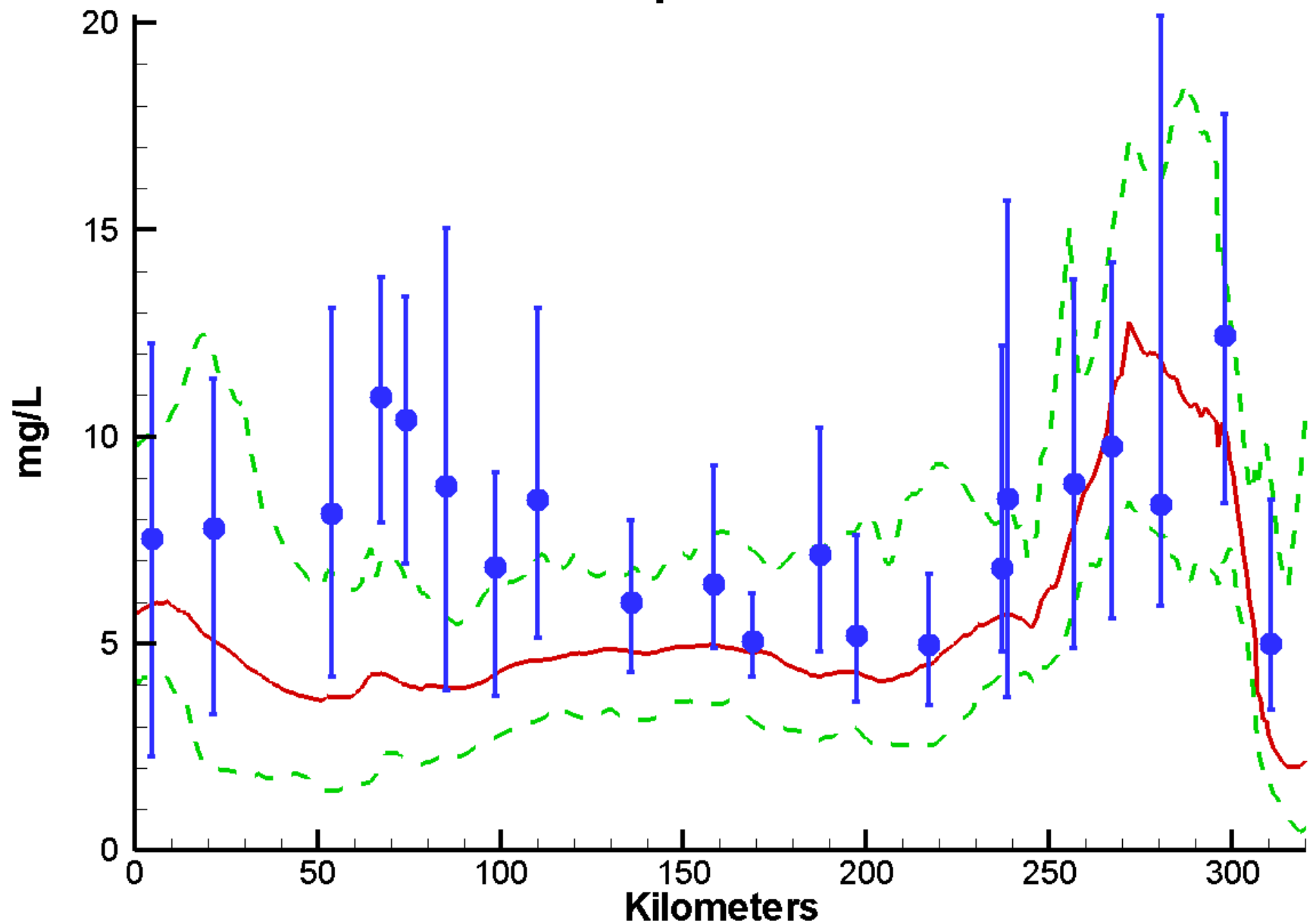
# Mainstem Bay Ches2015 Run118

## Bottom Total Suspended Solids Summer 1999



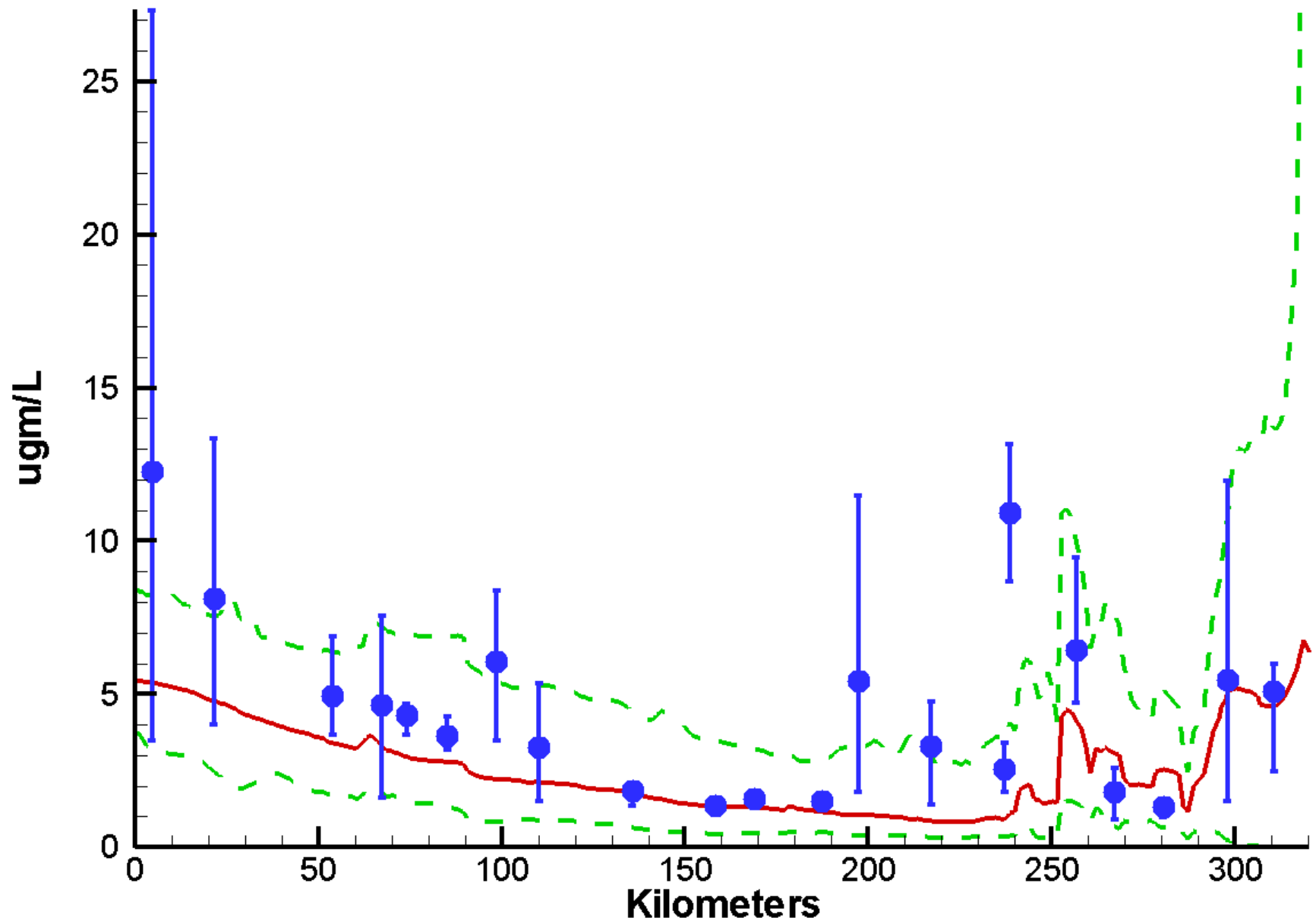
# Mainstem Bay Ches2015 Run118

## Surface Total Suspended Solids Summer 1999



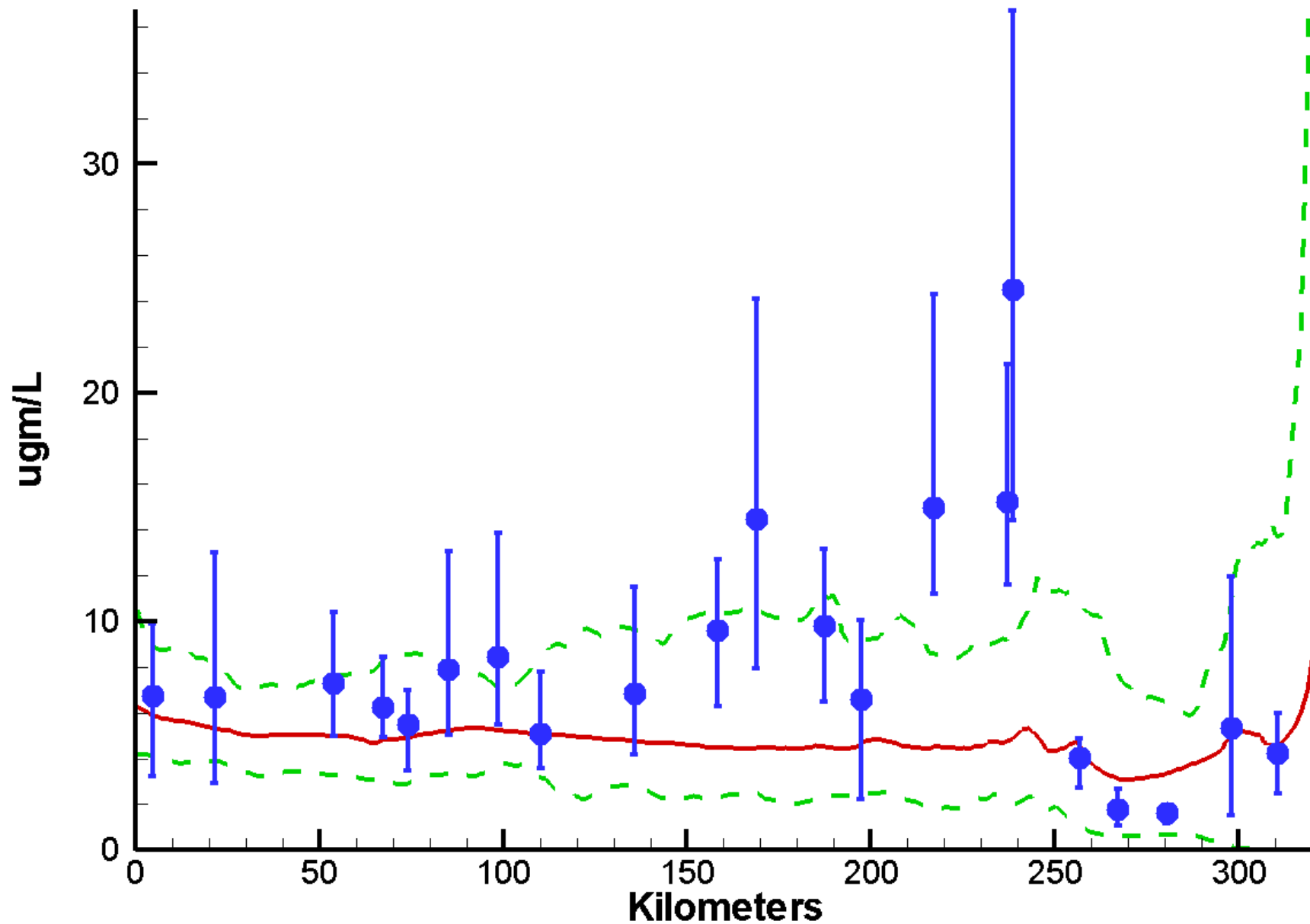
# Mainstem Bay Ches2015 Run118

## Bottom Chlorophyll Fall 1999



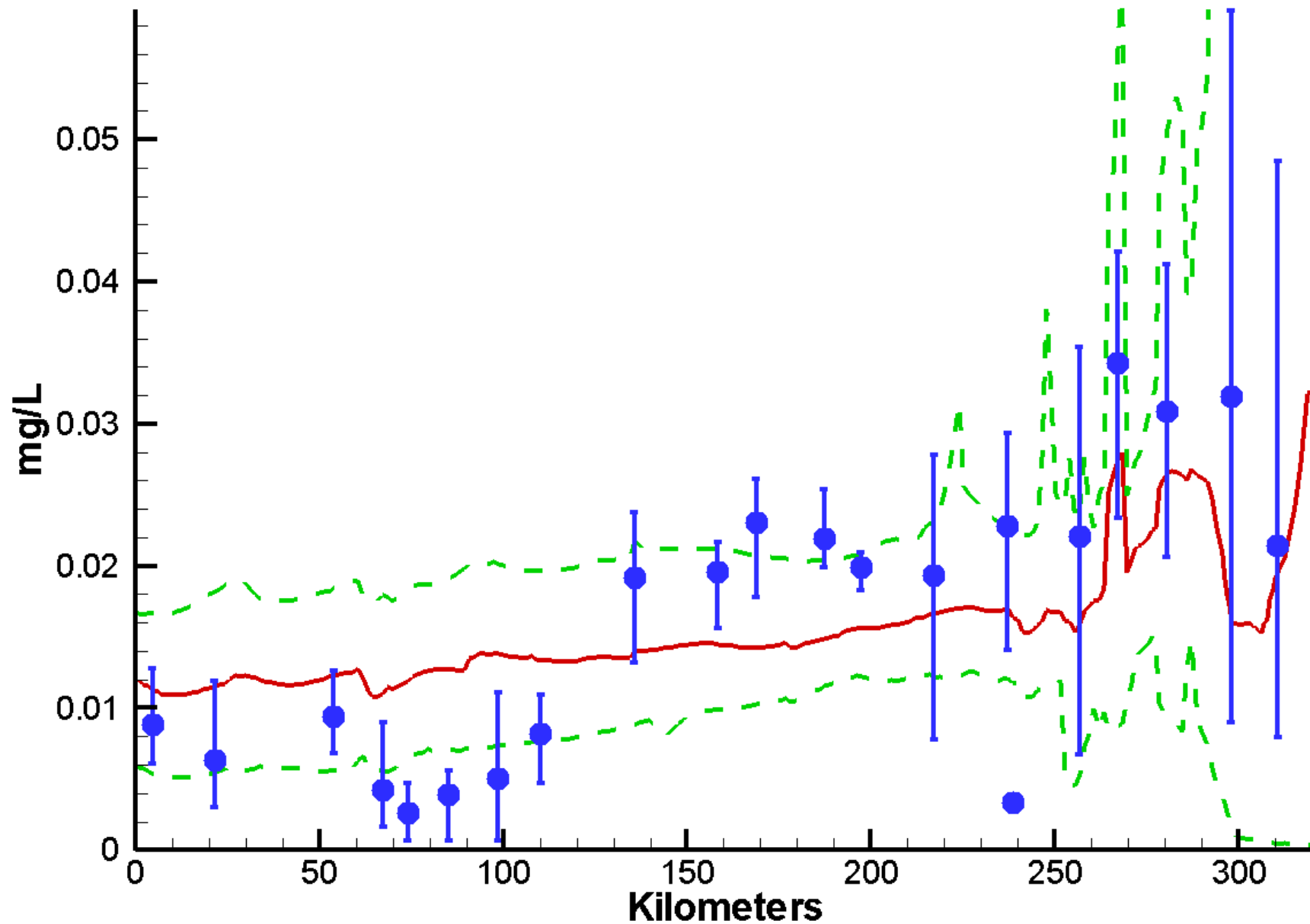
# Mainstem Bay Ches2015 Run118

## Surface Chlorophyll Fall 1999



# Mainstem Bay Ches2015 Run118

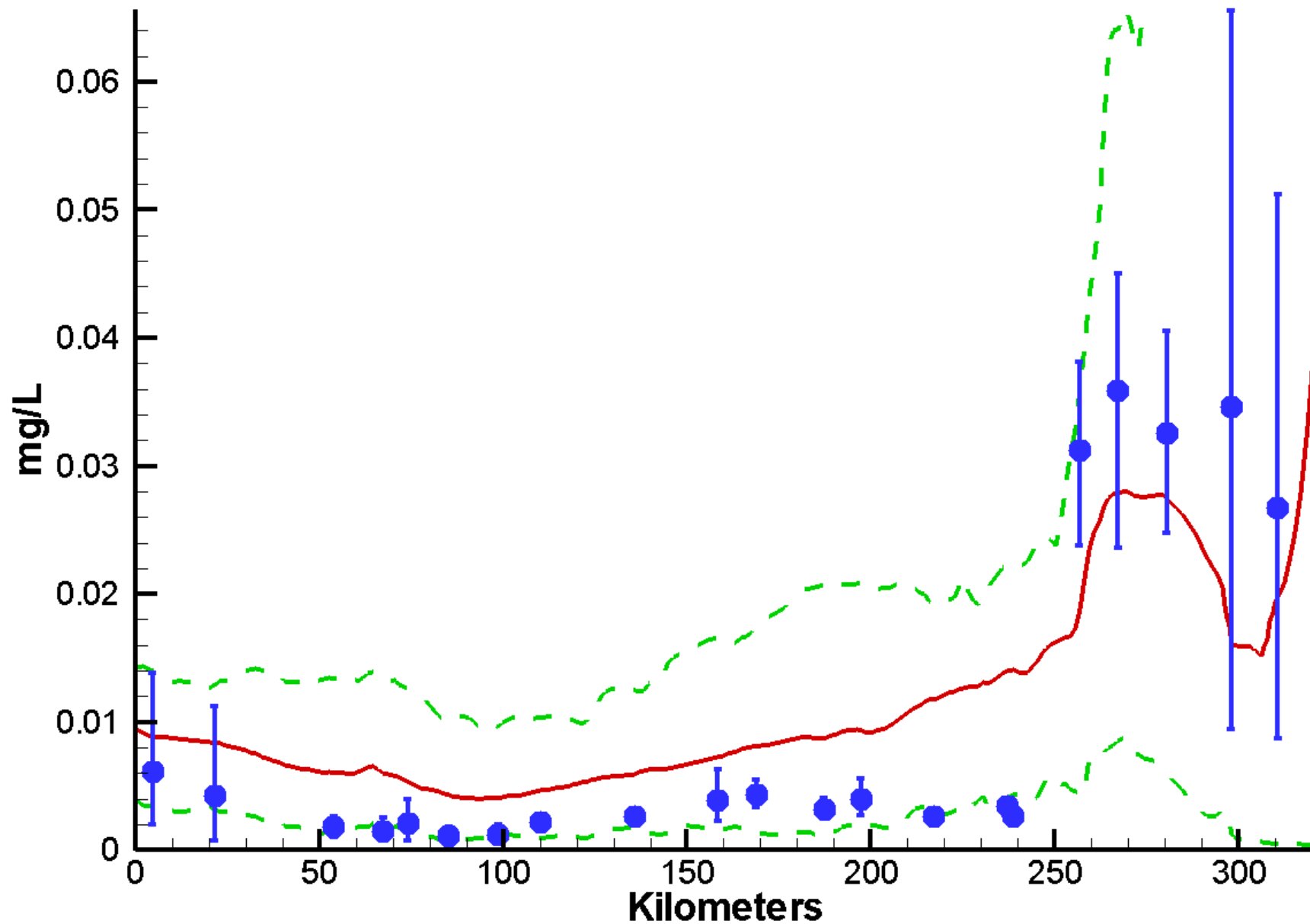
## Bottom Dissolved Phosphate Fall 1999





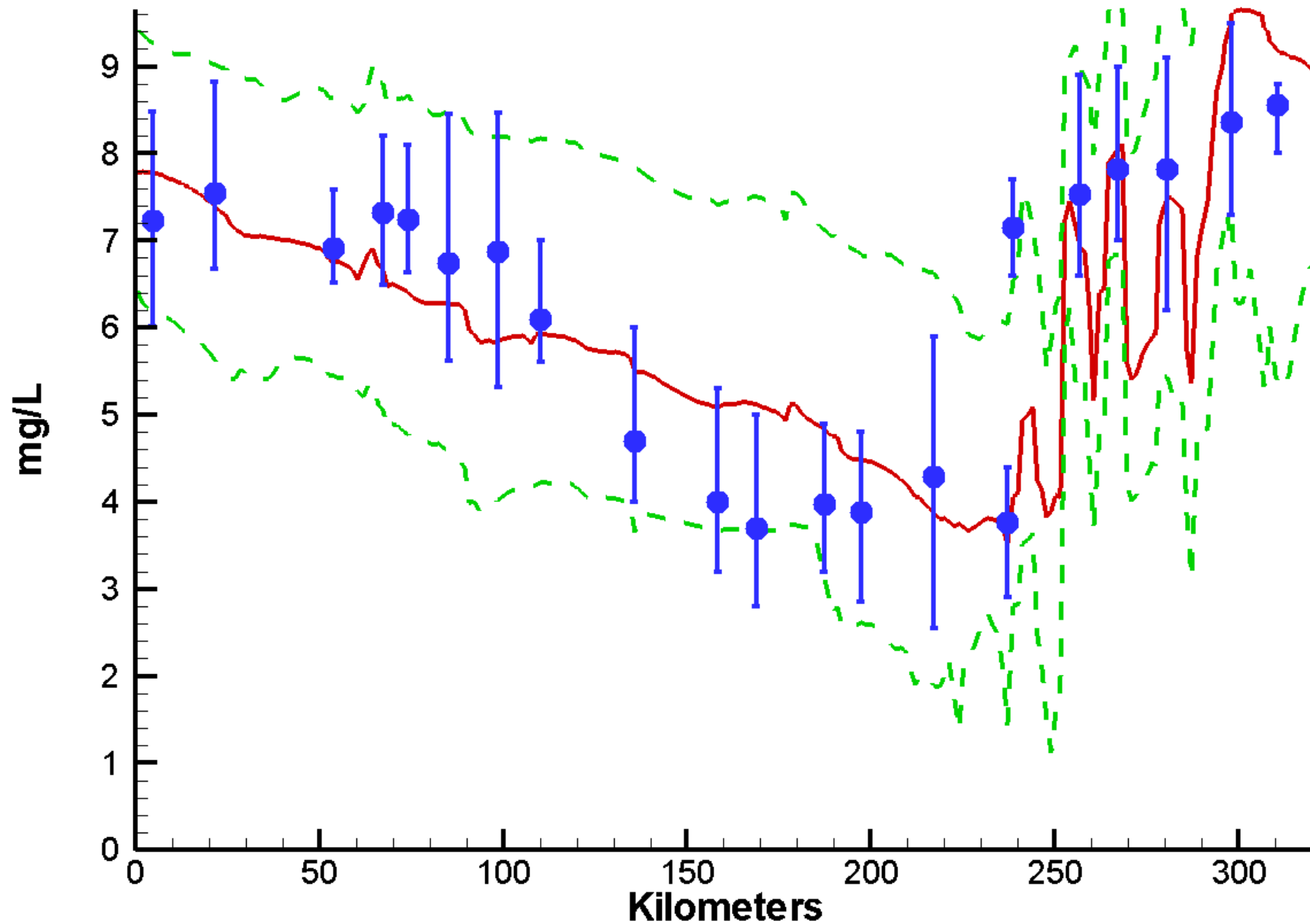
# Mainstem Bay Ches2015 Run118

## Surface Dissolved Phosphate Fall 1999

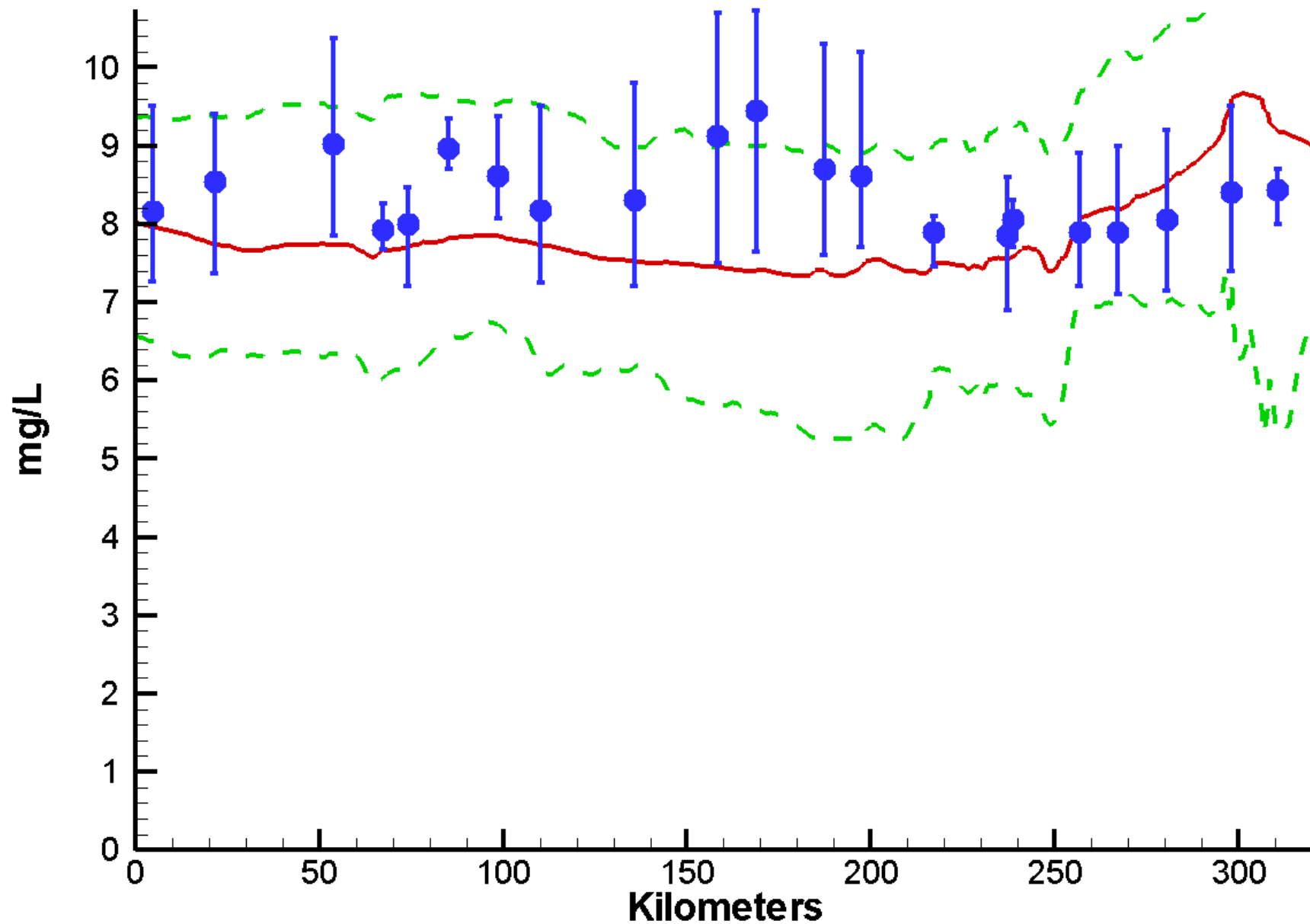


# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1999

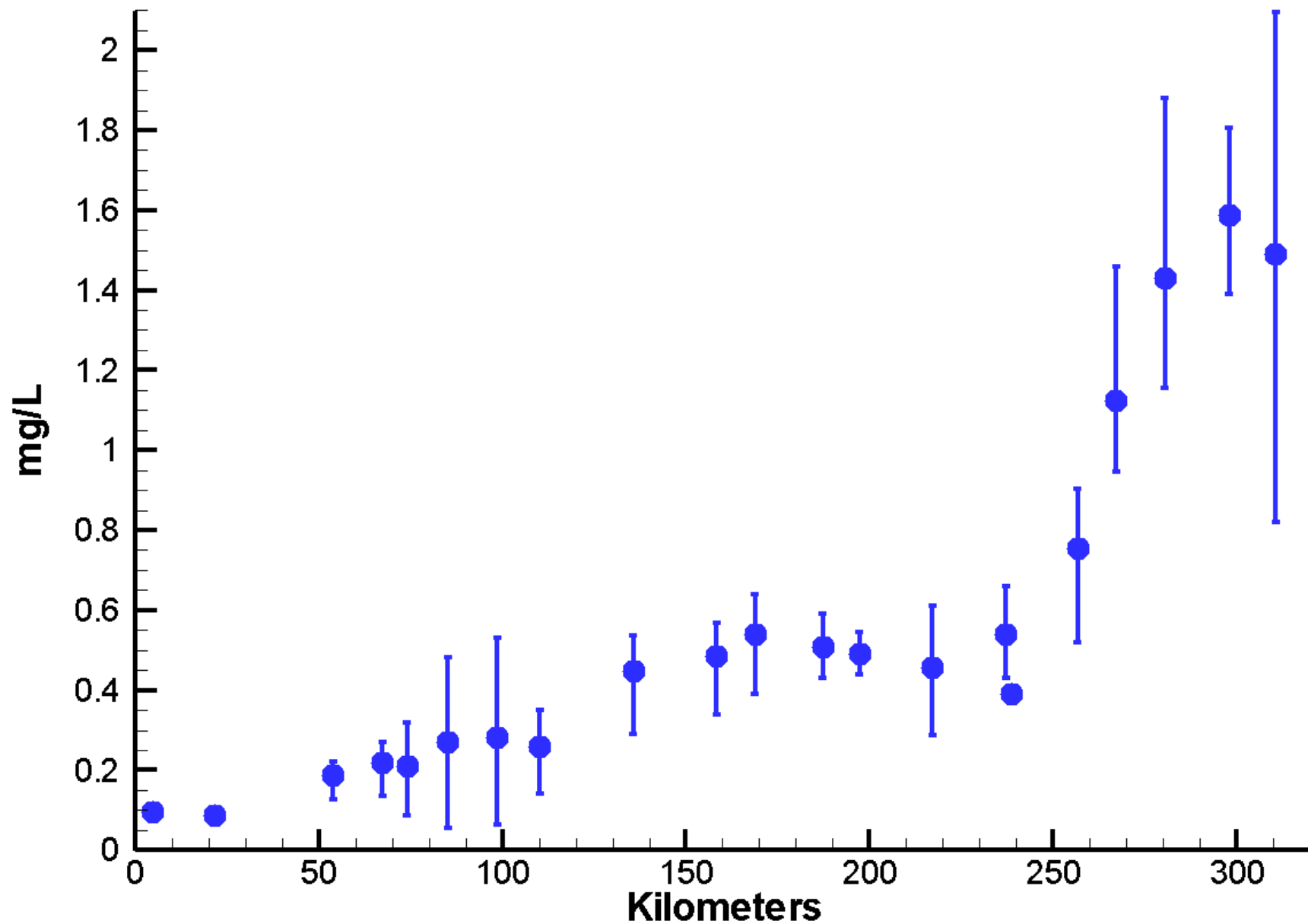


# Mainstem Bay Ches2015 Run118 Surface Dissolved Oxygen Fall 1999



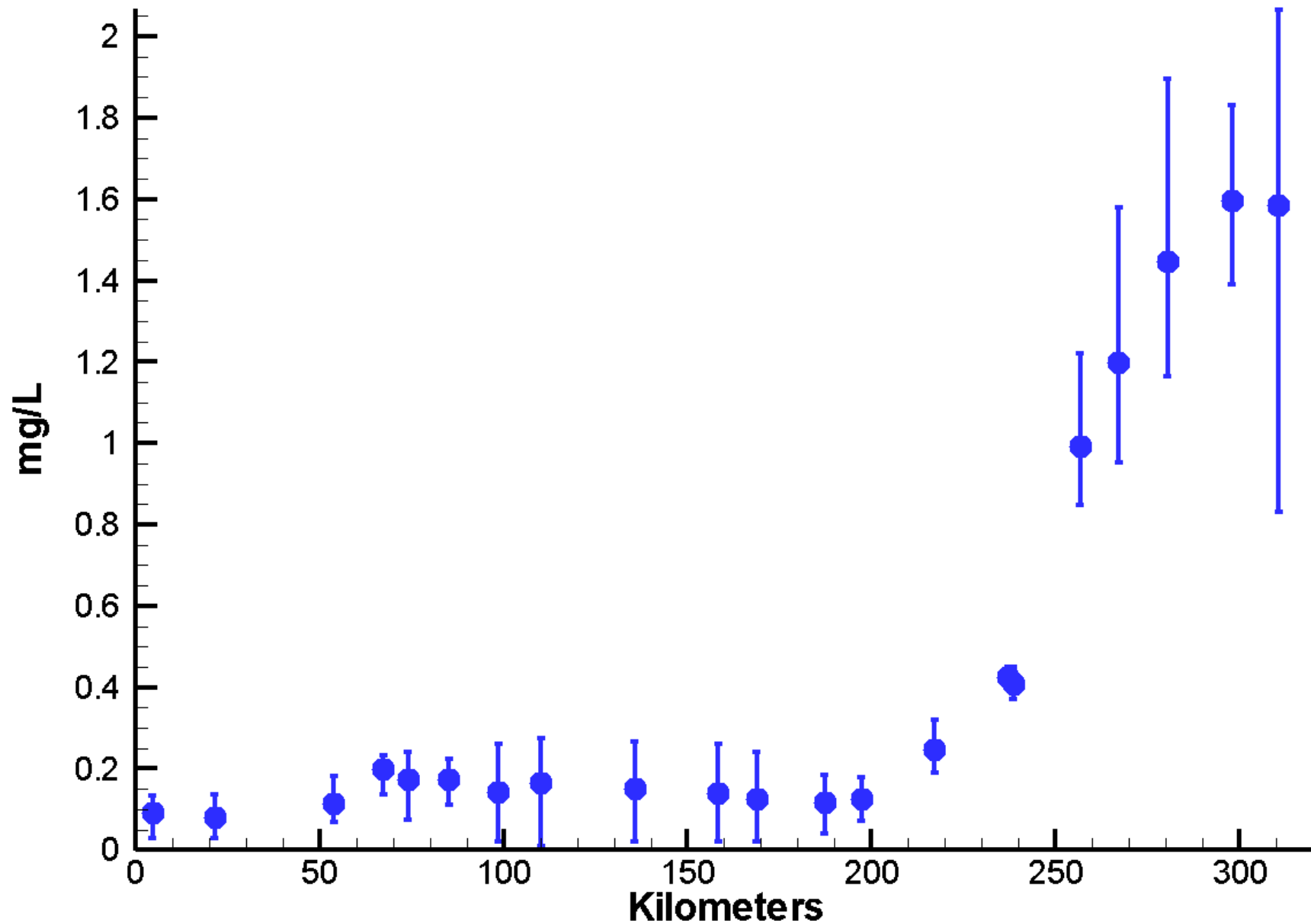
# Mainstem Bay Ches2015 Run118

## Bottom Dissolved Silica Fall 1999

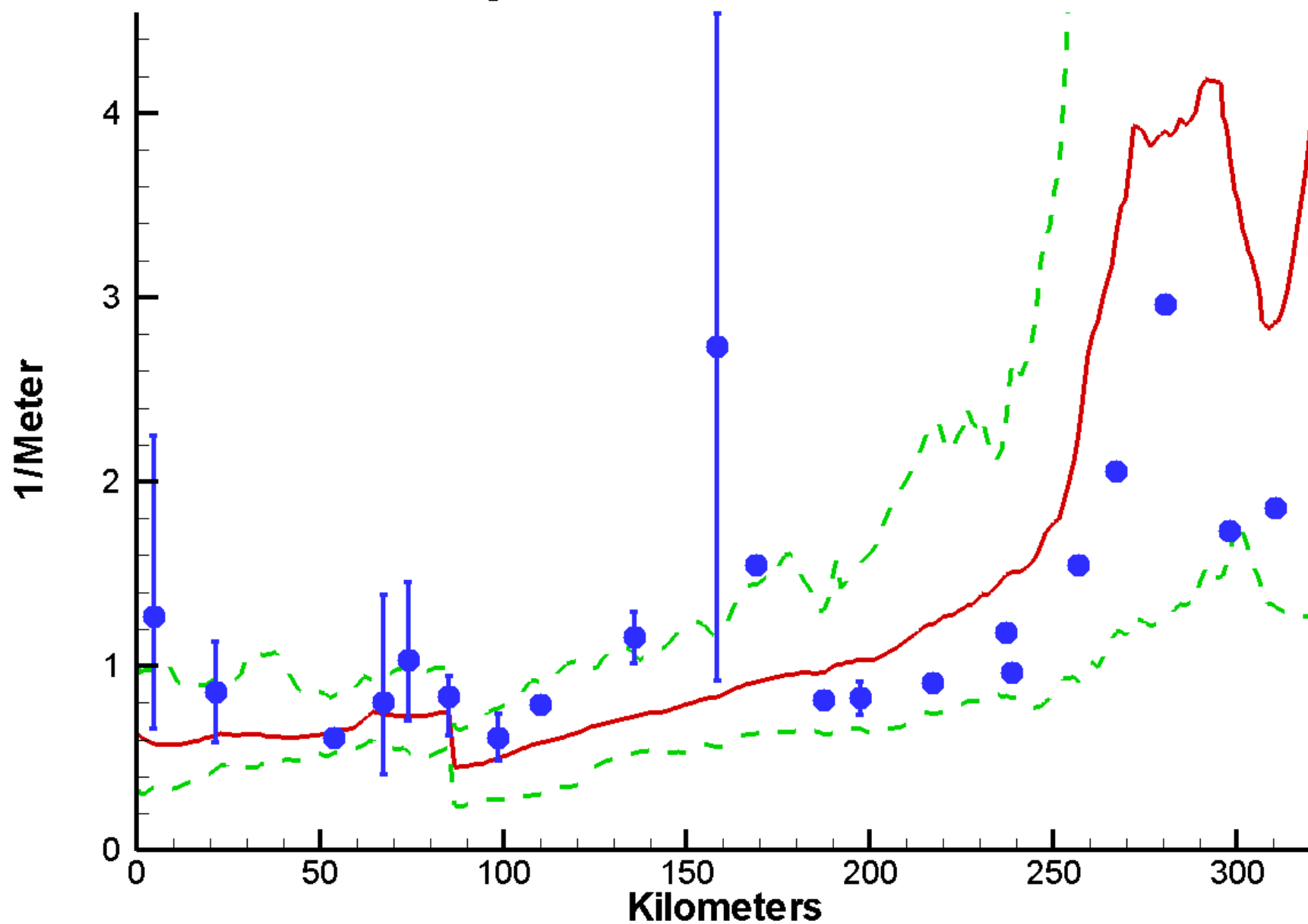


# Mainstem Bay Ches2015 Run118

## Surface Dissolved Silica Fall 1999

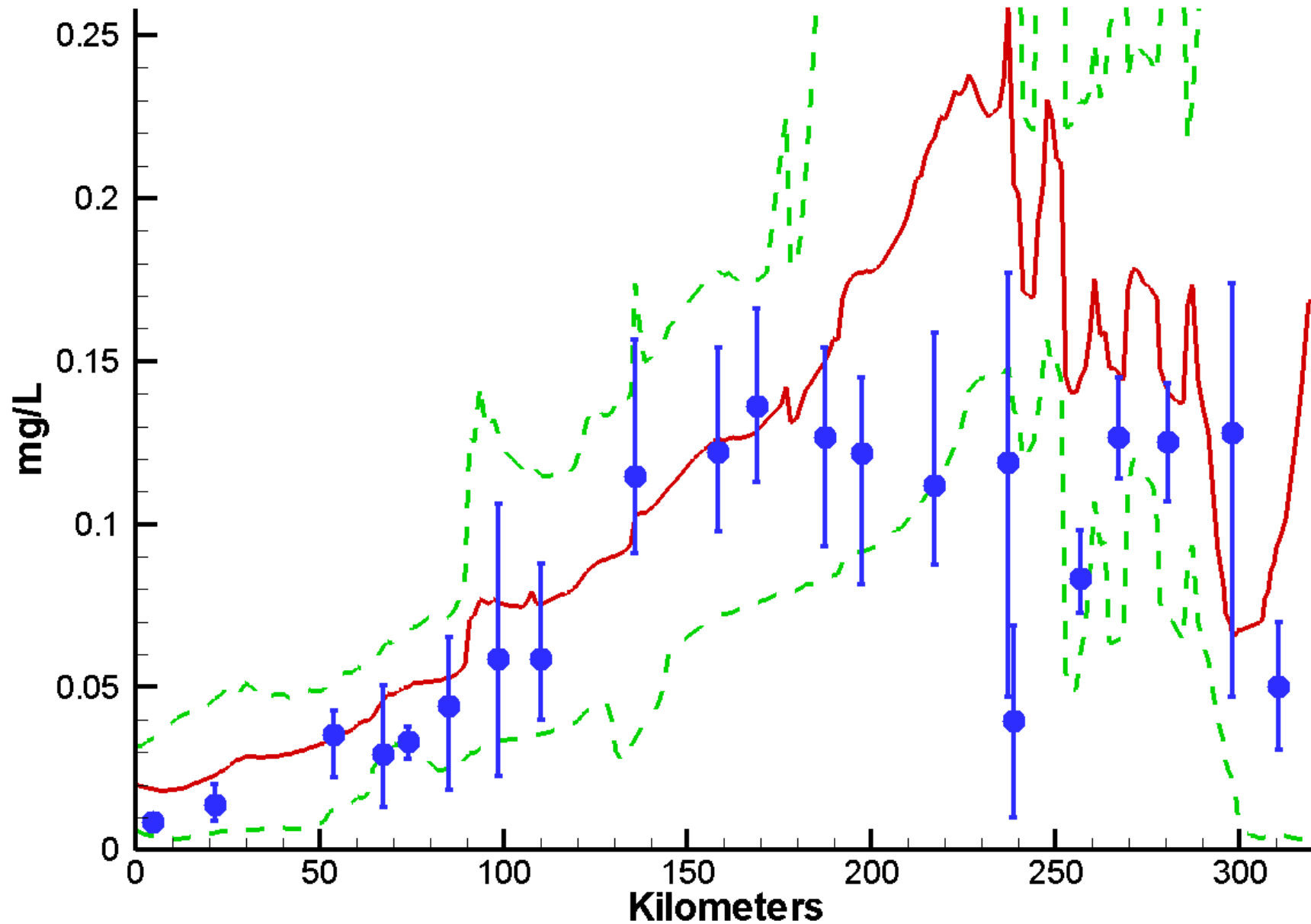


# Mainstem Bay Ches2015 Run118 Surface Light Extinction Fall 1999



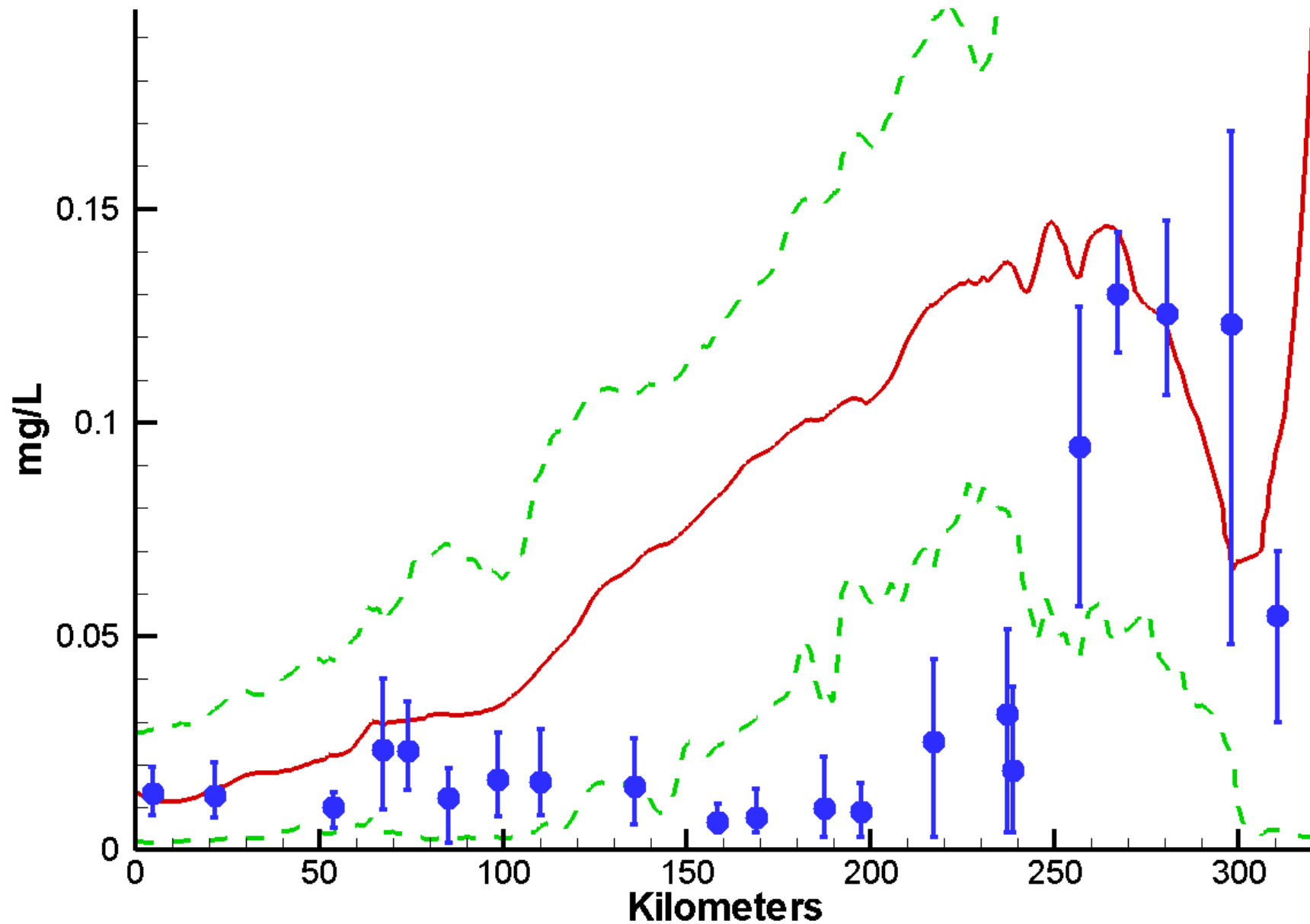
# Mainstem Bay Ches2015 Run118

## Bottom Ammonium Fall 1999



# Mainstem Bay Ches2015 Run118

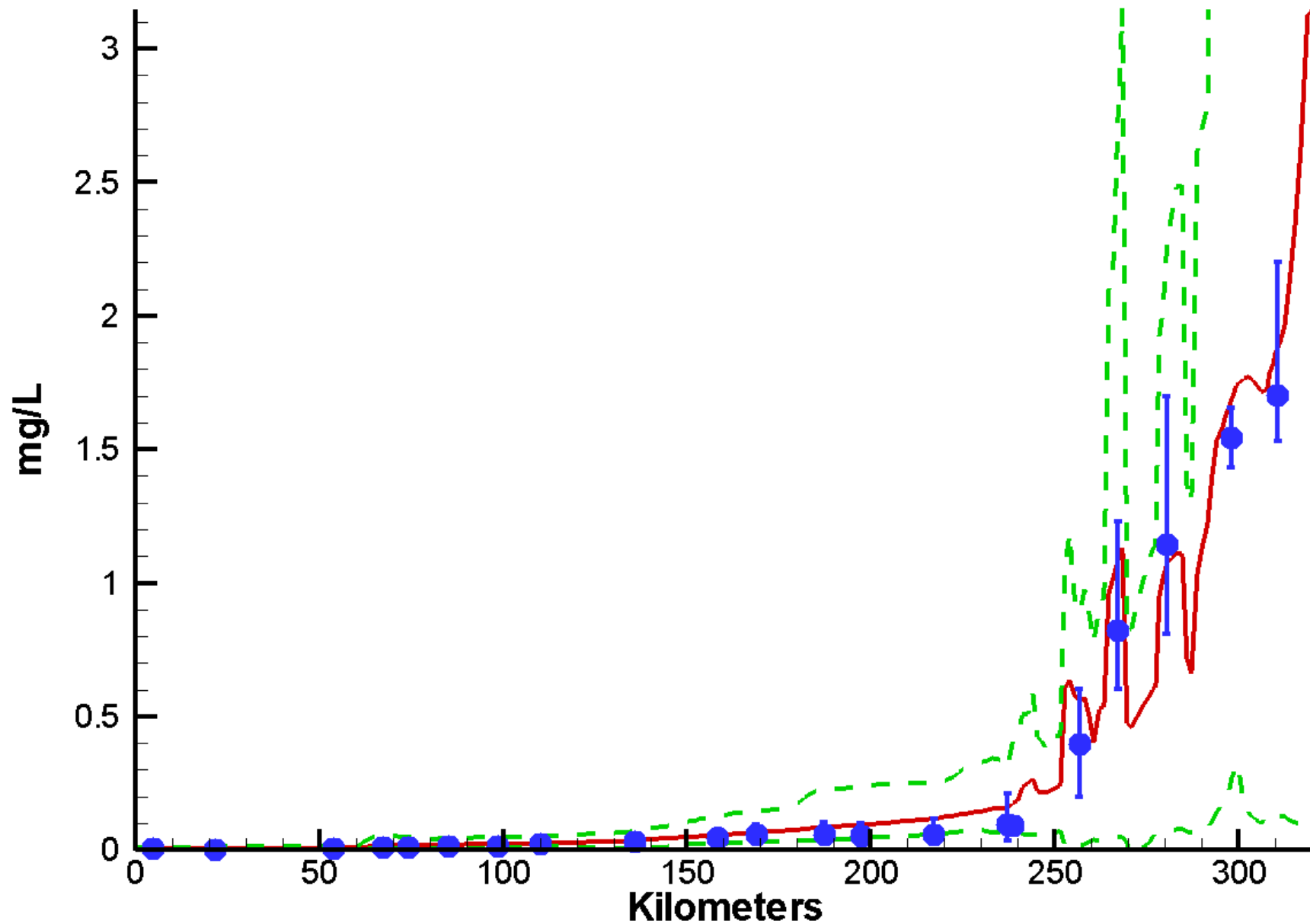
## Surface Ammonium Fall 1999





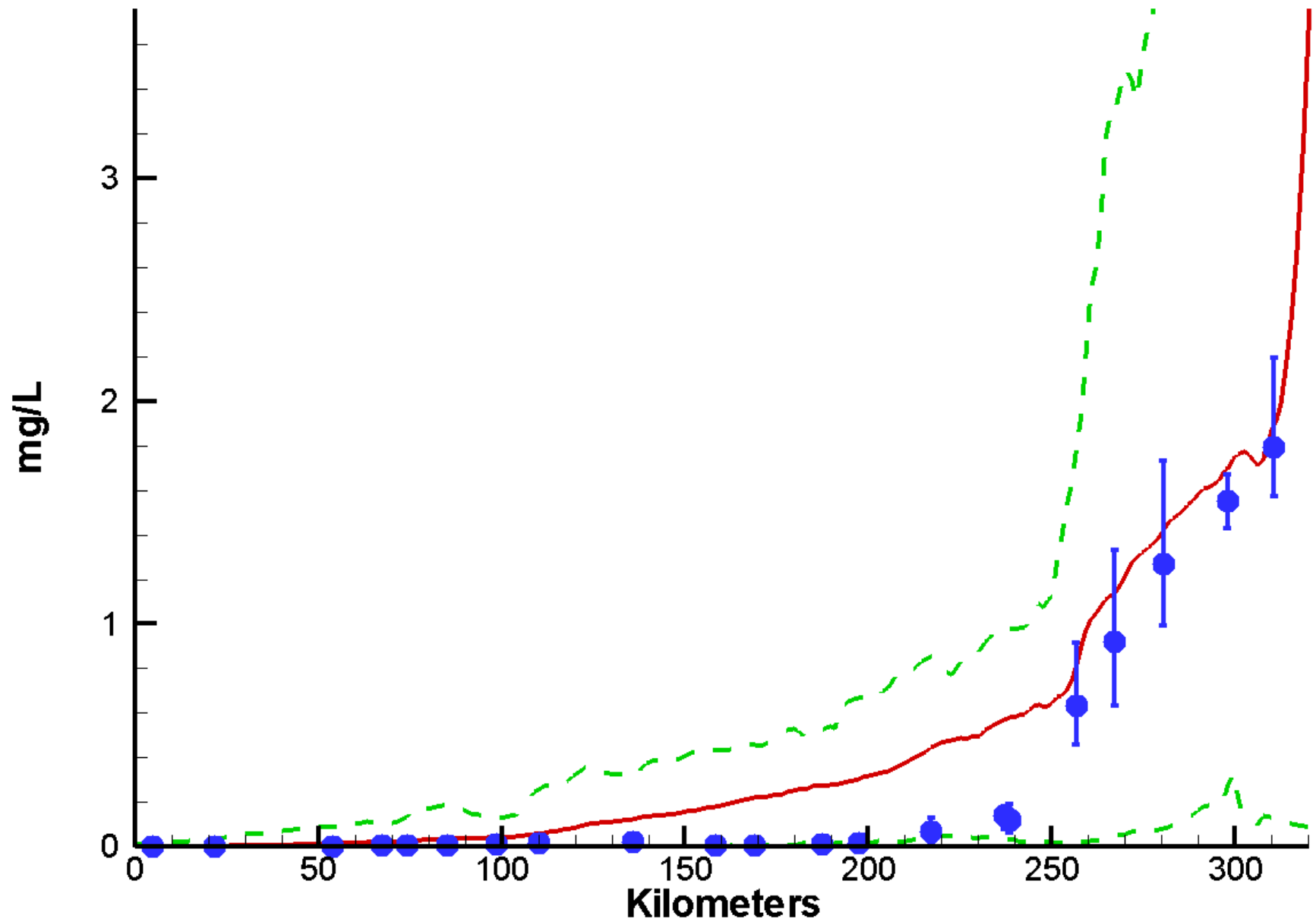
# Mainstem Bay Ches2015 Run118

## Bottom Nitrate Fall 1999



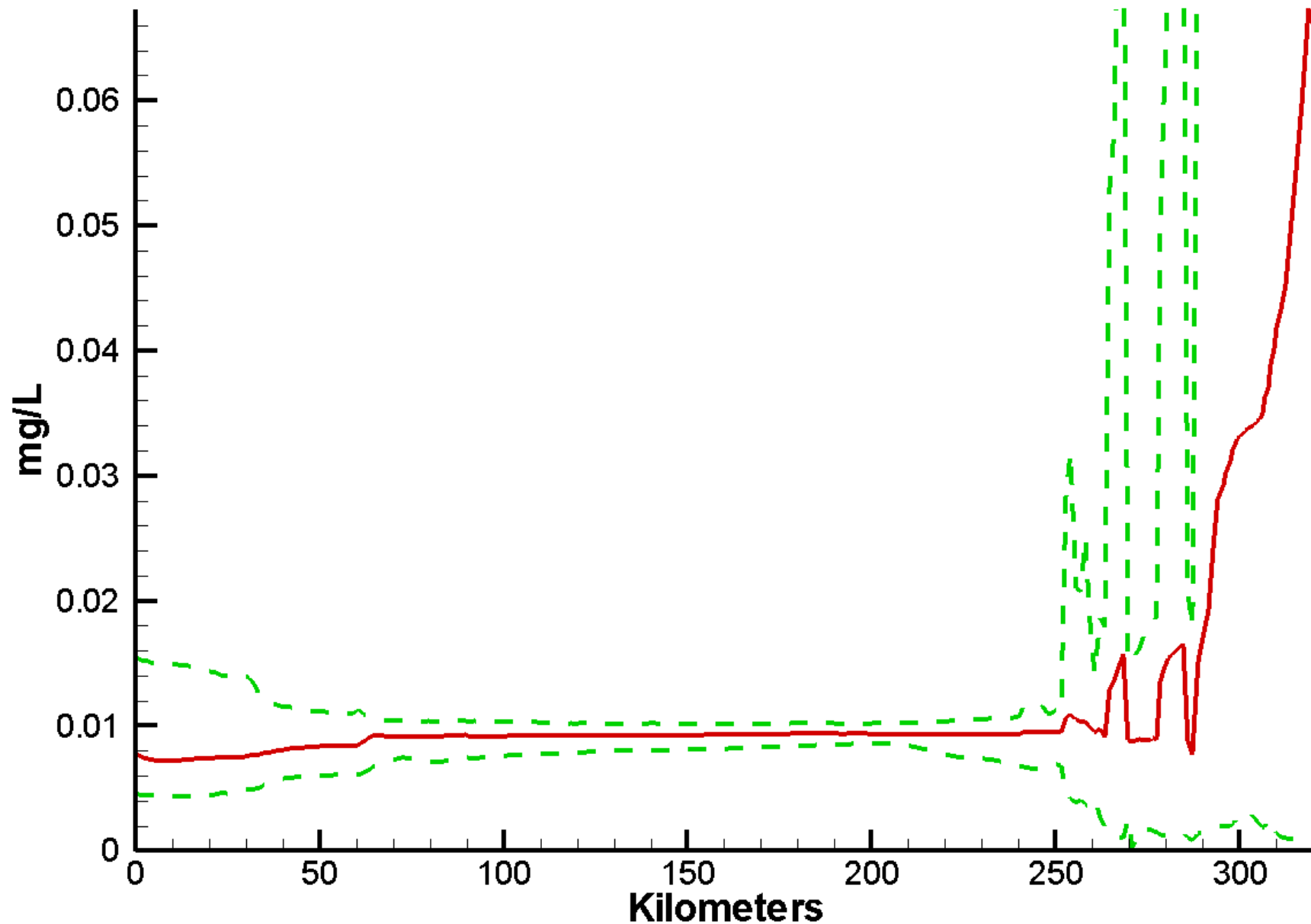
# Mainstem Bay Ches2015 Run118

## Surface Nitrate Fall 1999



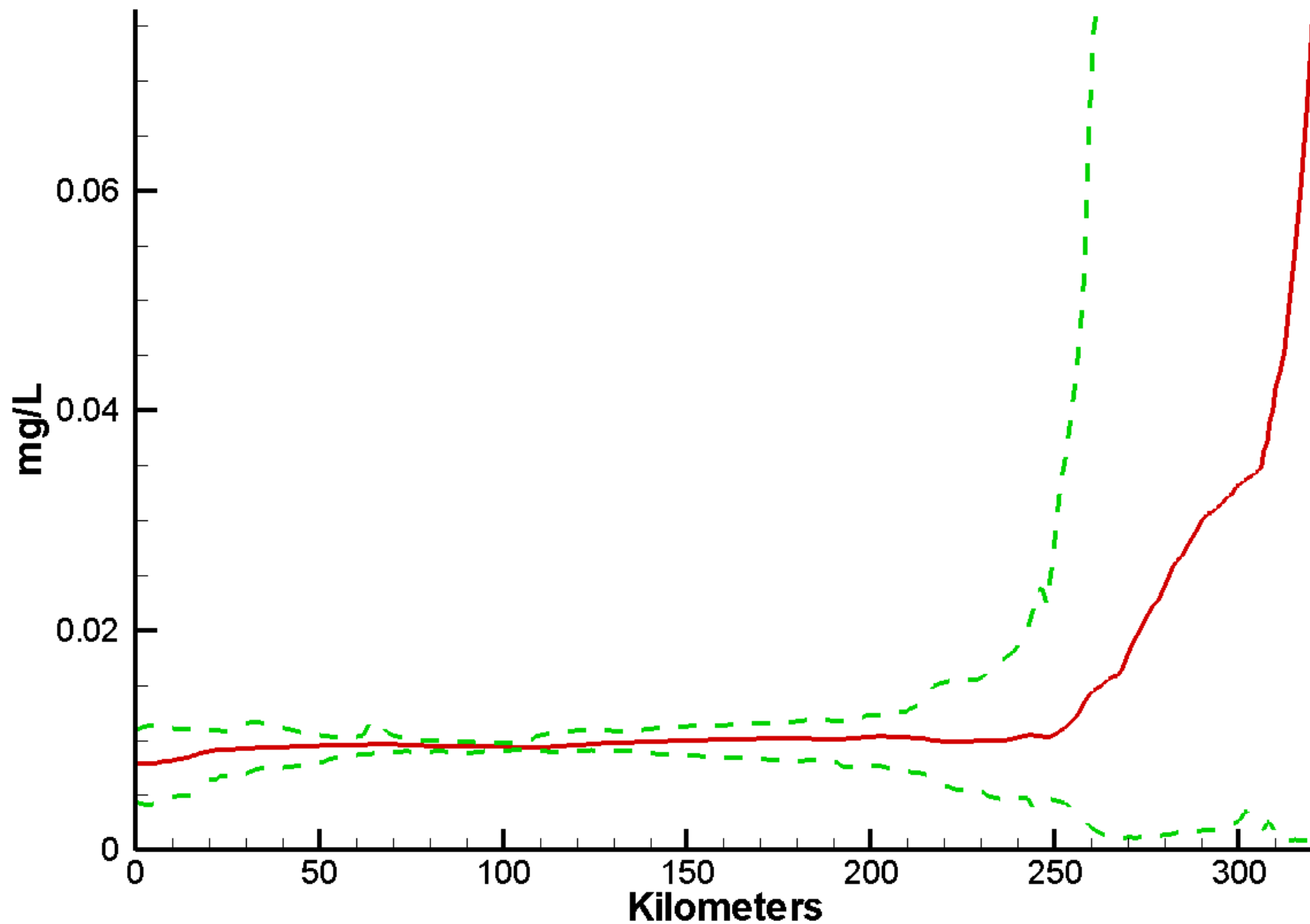
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1999



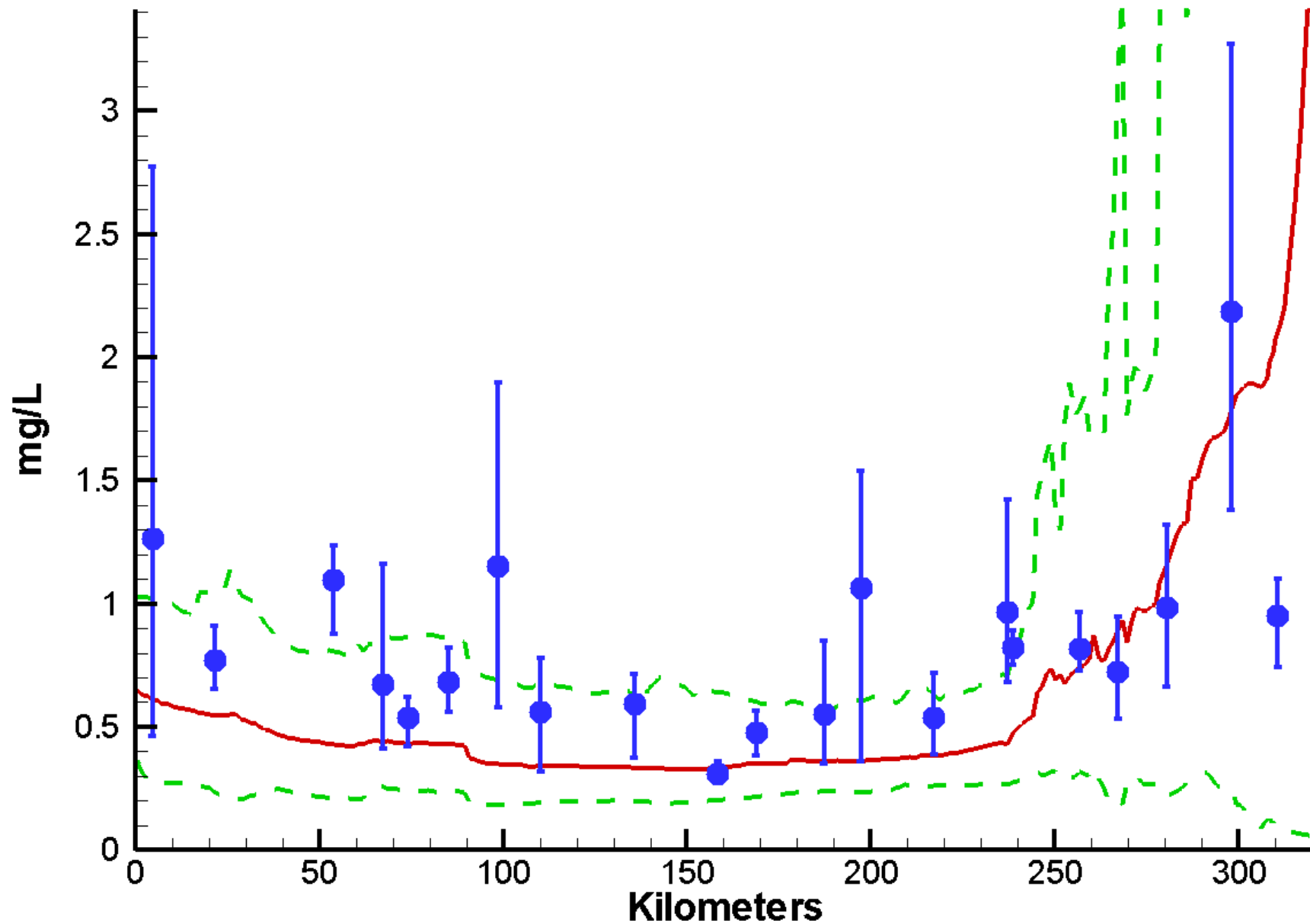
# Mainstem Bay Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Fall 1999



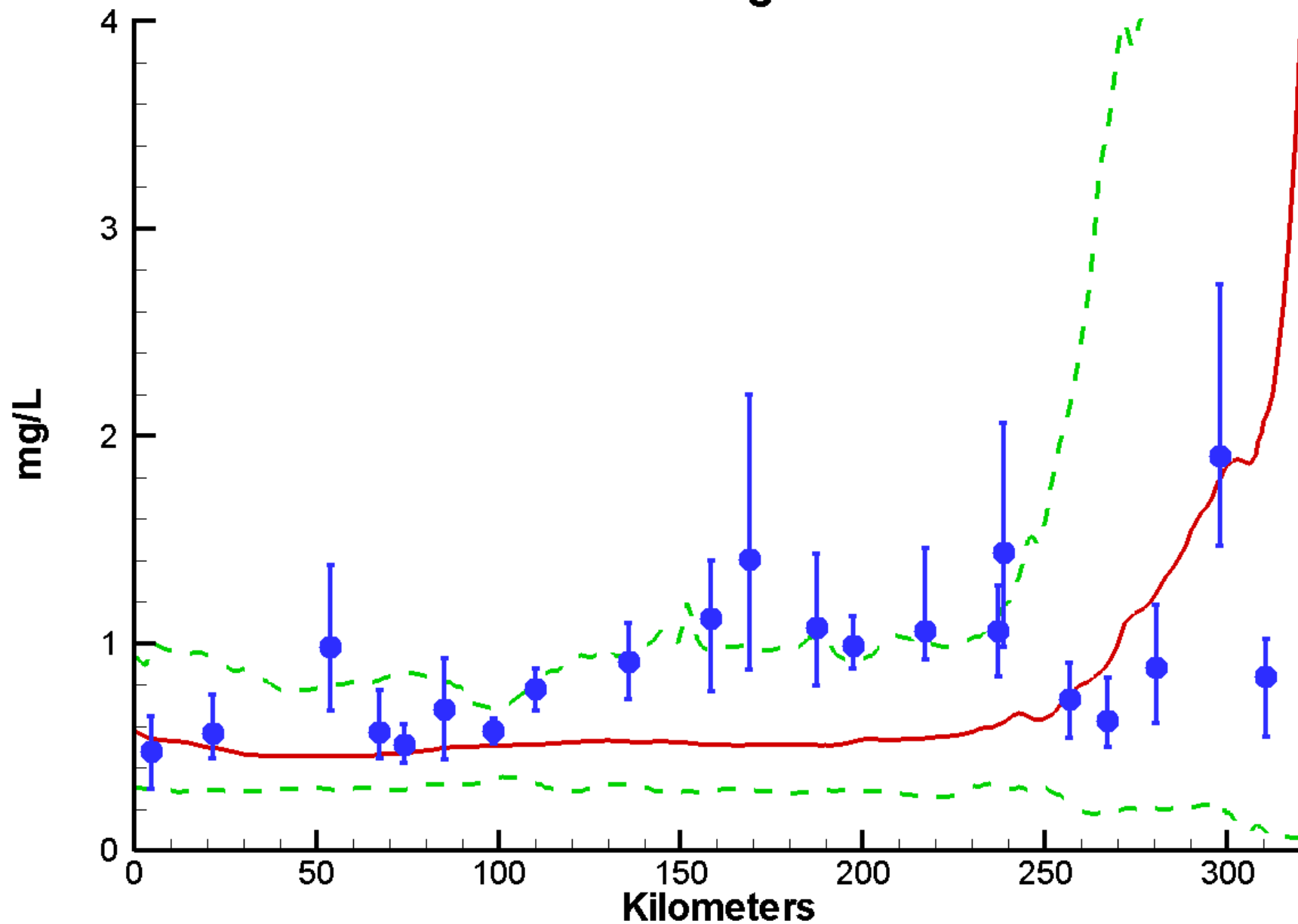
# Mainstem Bay Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1999



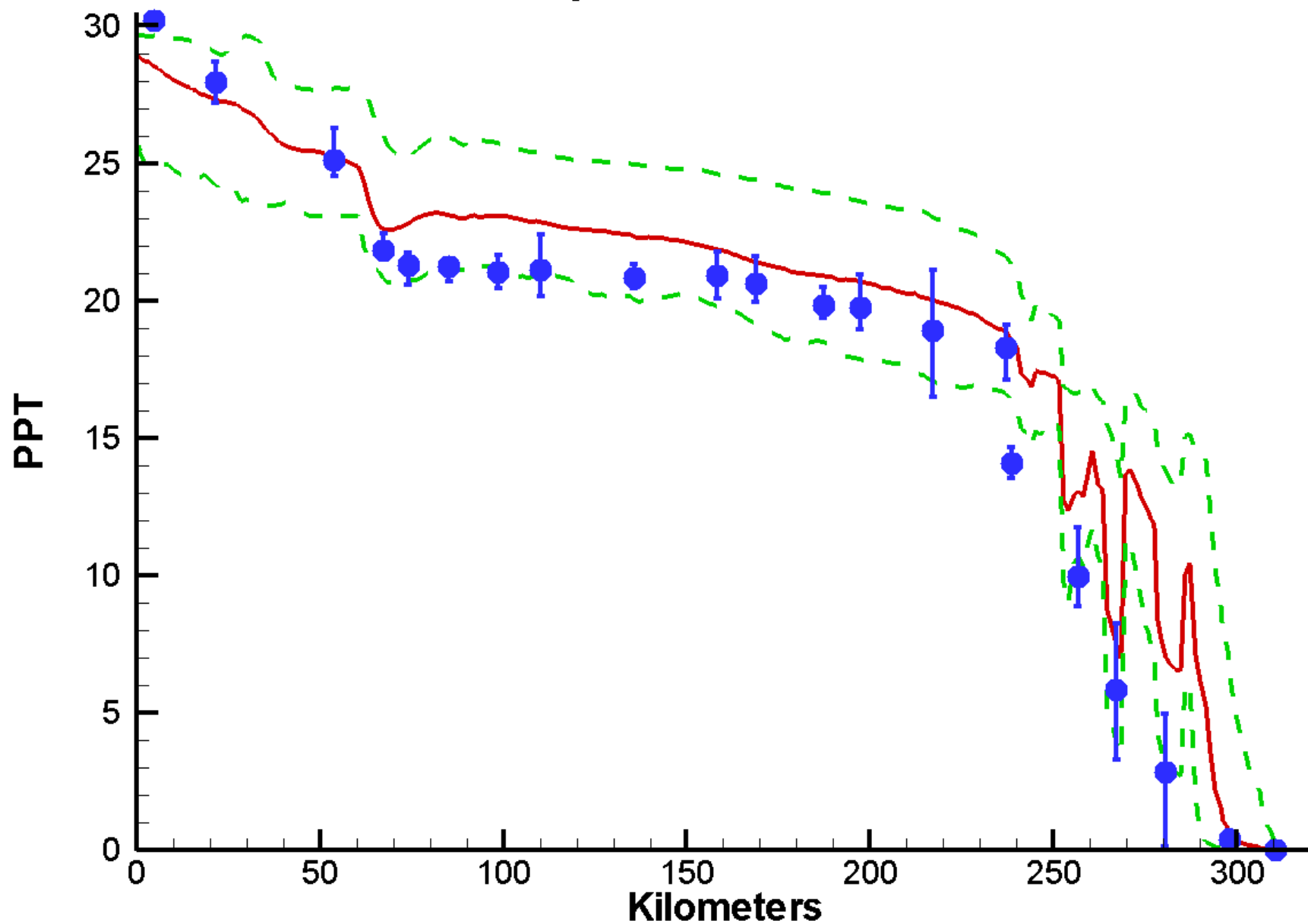
# Mainstem Bay Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1999



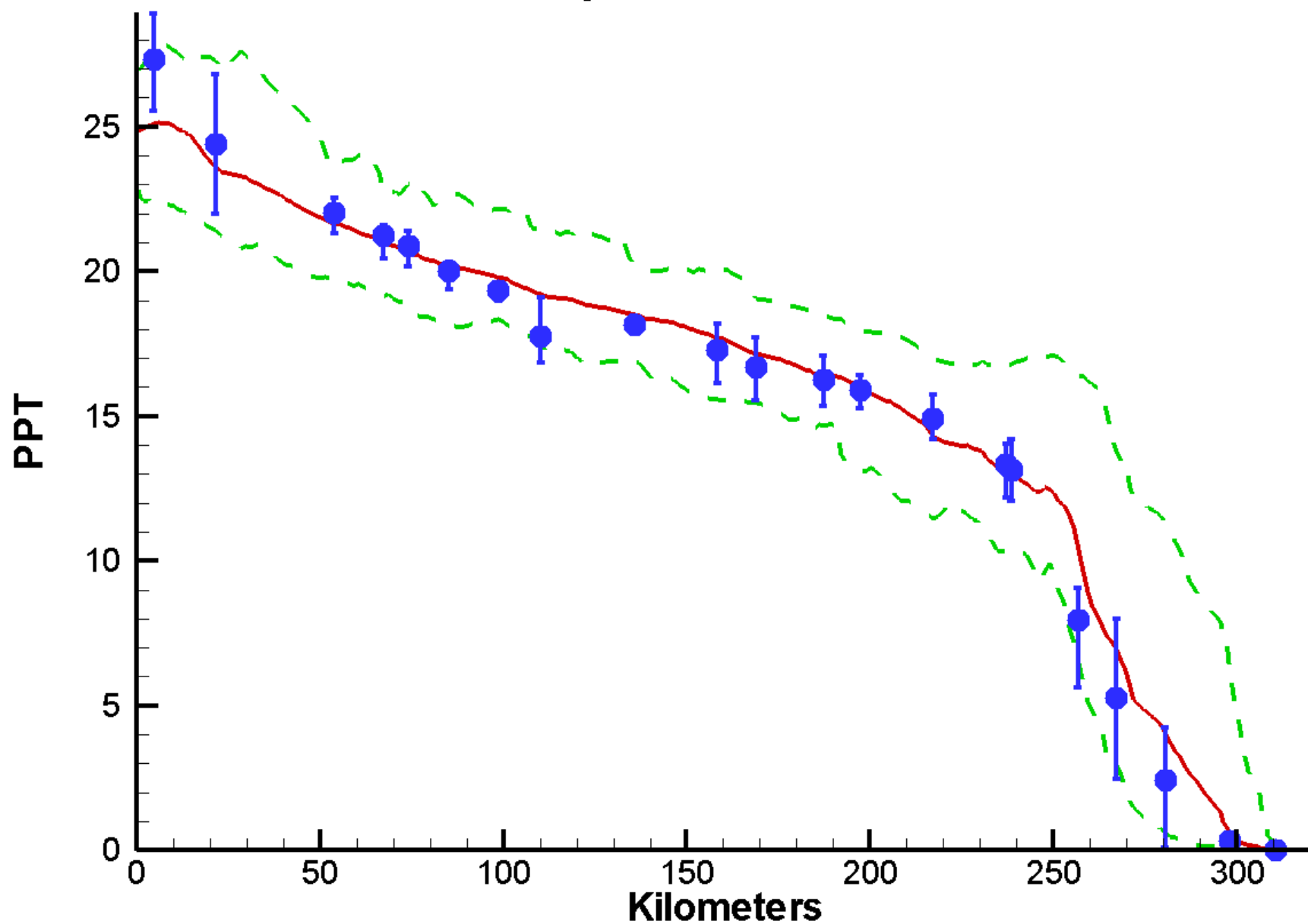
# Mainstem Bay Ches2015 Run118

## Bottom Salinity Fall 1999



# Mainstem Bay Ches2015 Run118

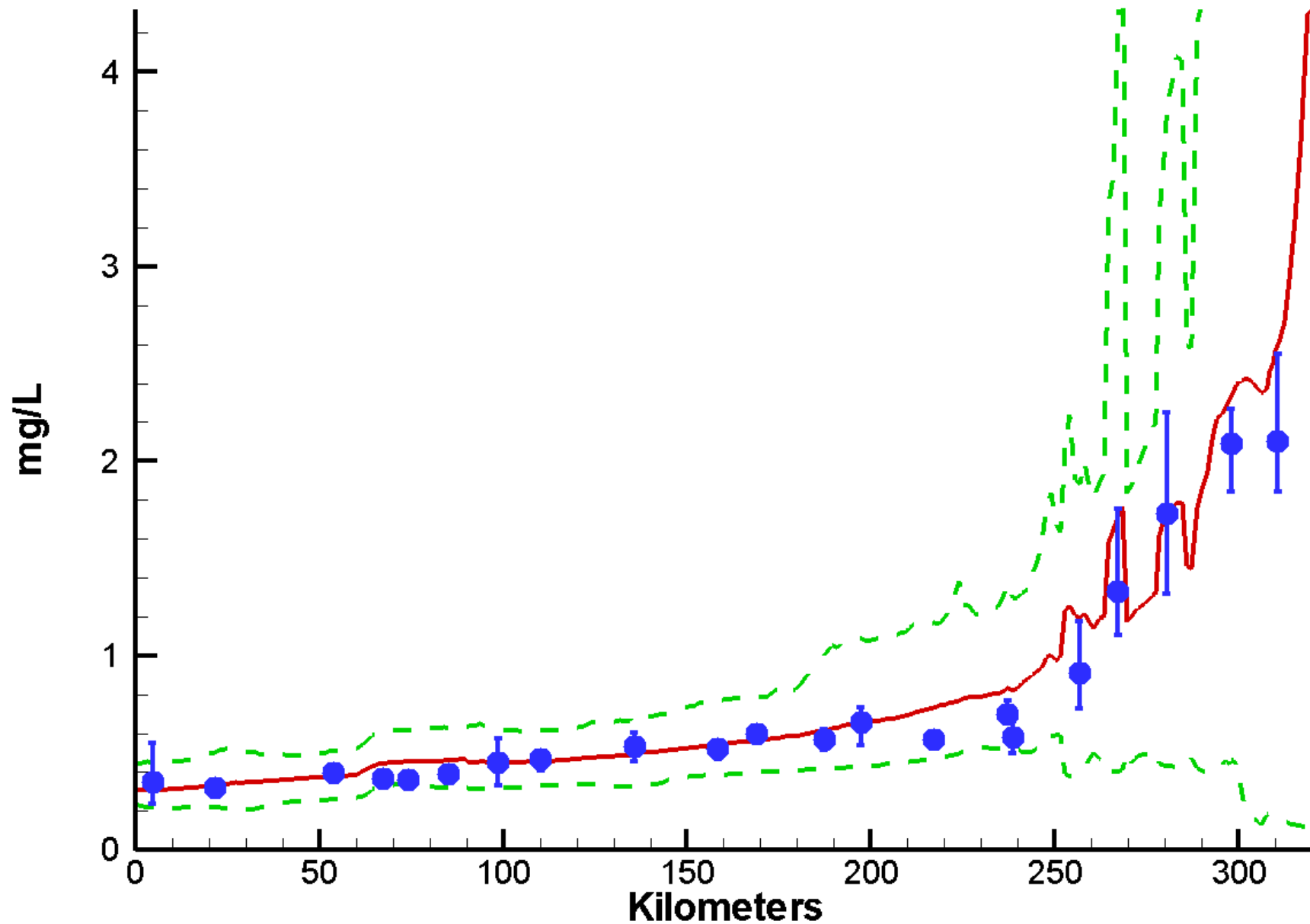
## Surface Salinity Fall 1999





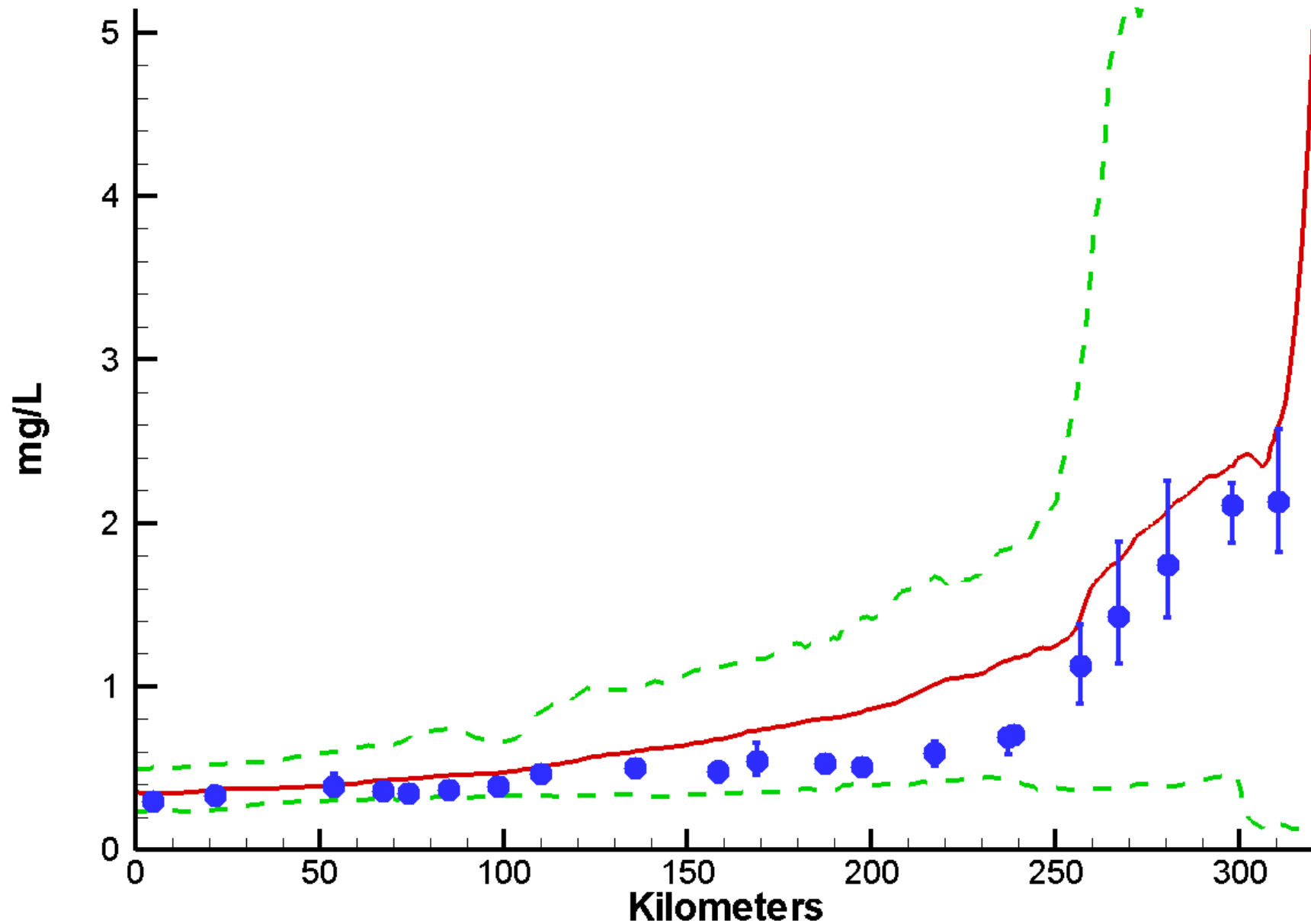
# Mainstem Bay Ches2015 Run118

## Bottom Total Nitrogen Fall 1999



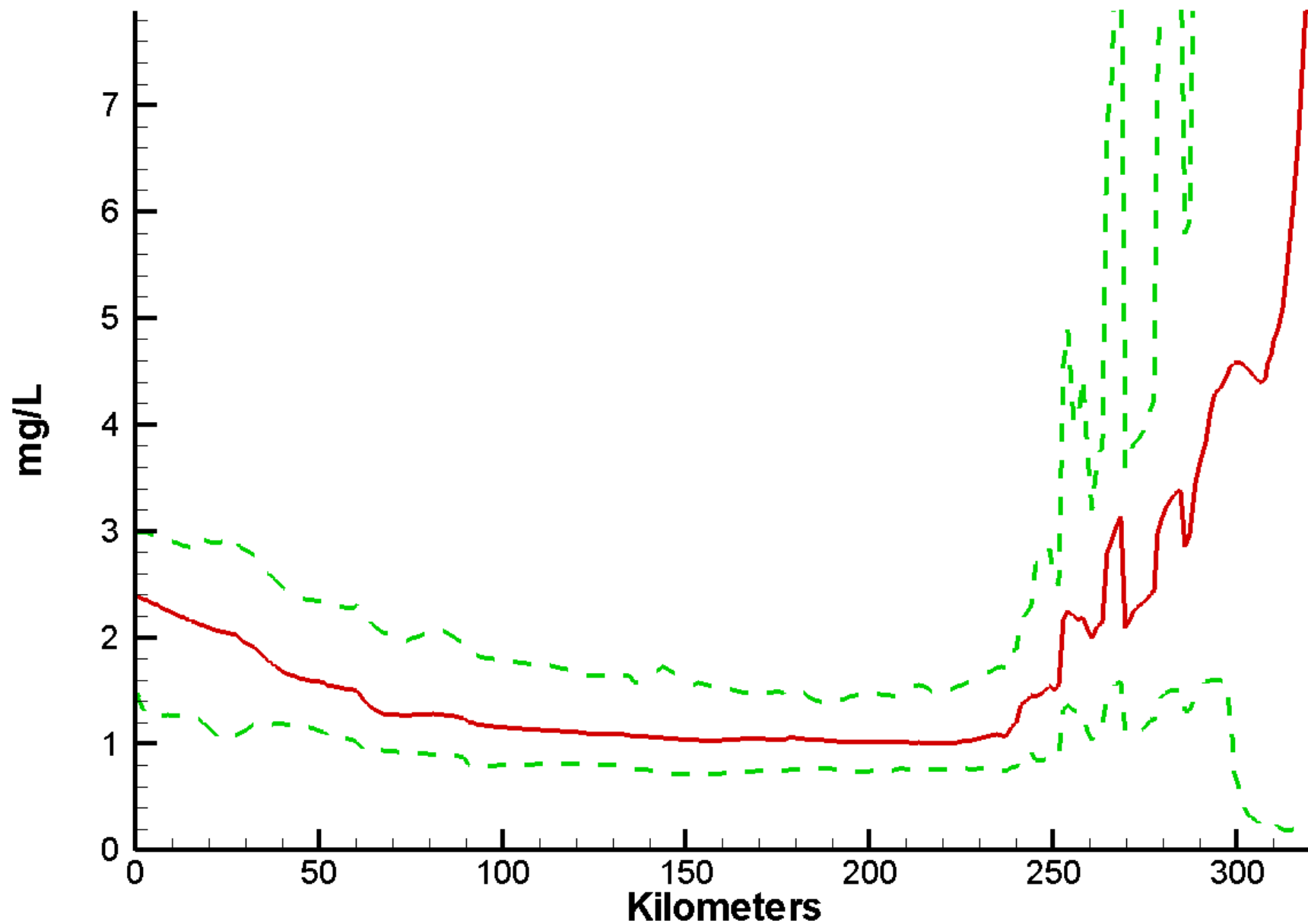
# Mainstem Bay Ches2015 Run118

## Surface Total Nitrogen Fall 1999



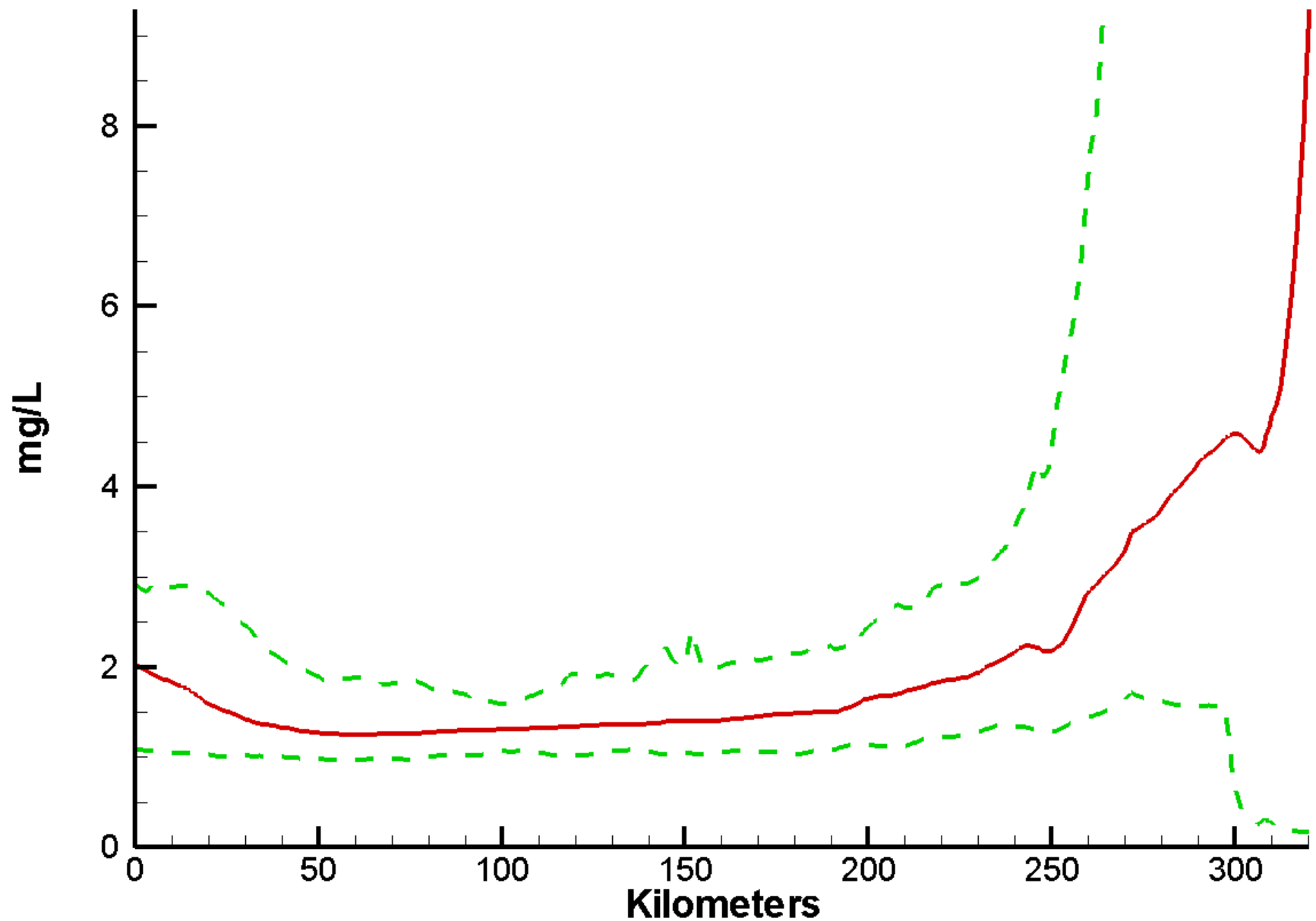
# Mainstem Bay Ches2015 Run118

## Bottom Total Organic Carbon Fall 1999



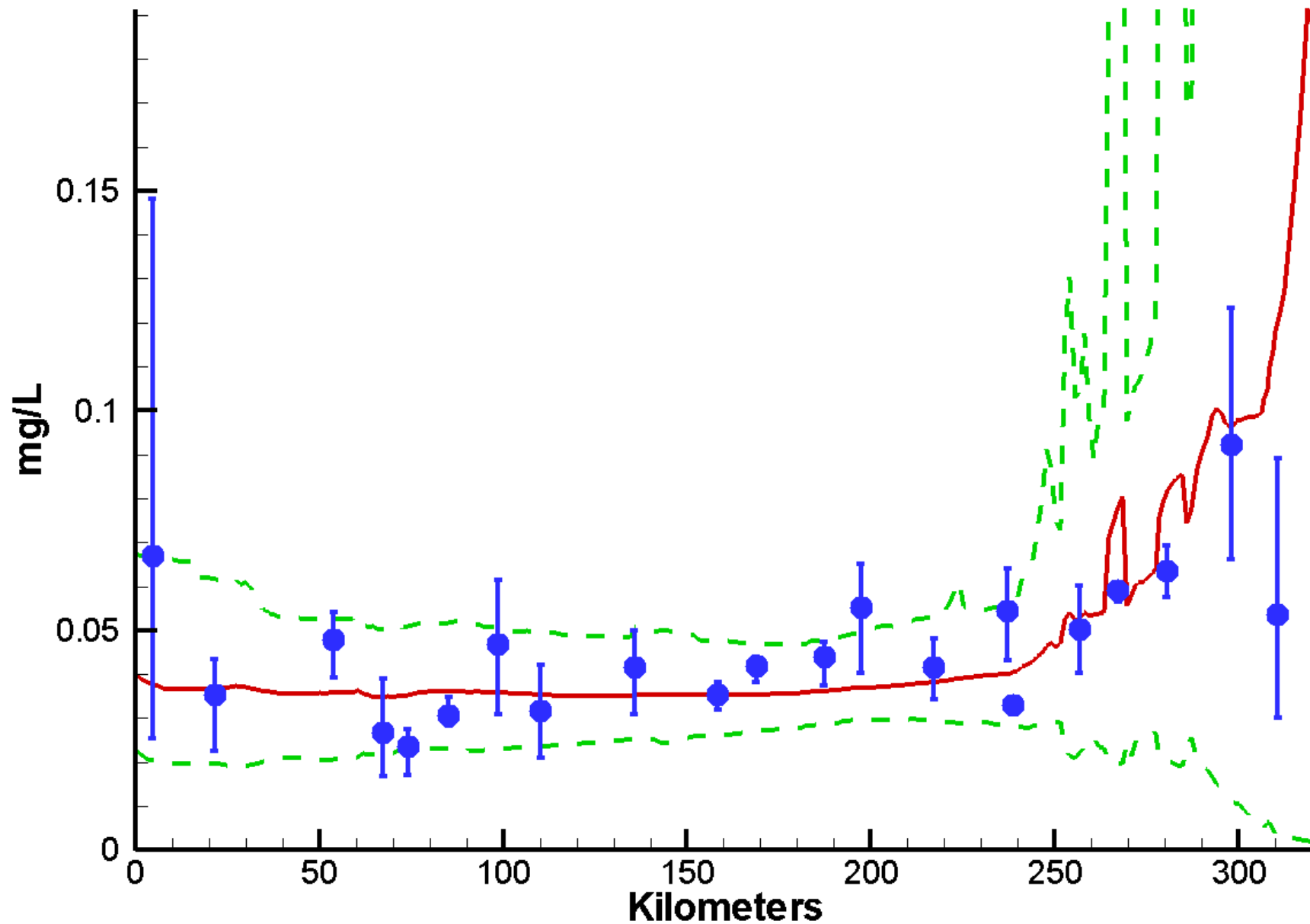
# Mainstem Bay Ches2015 Run118

## Surface Total Organic Carbon Fall 1999



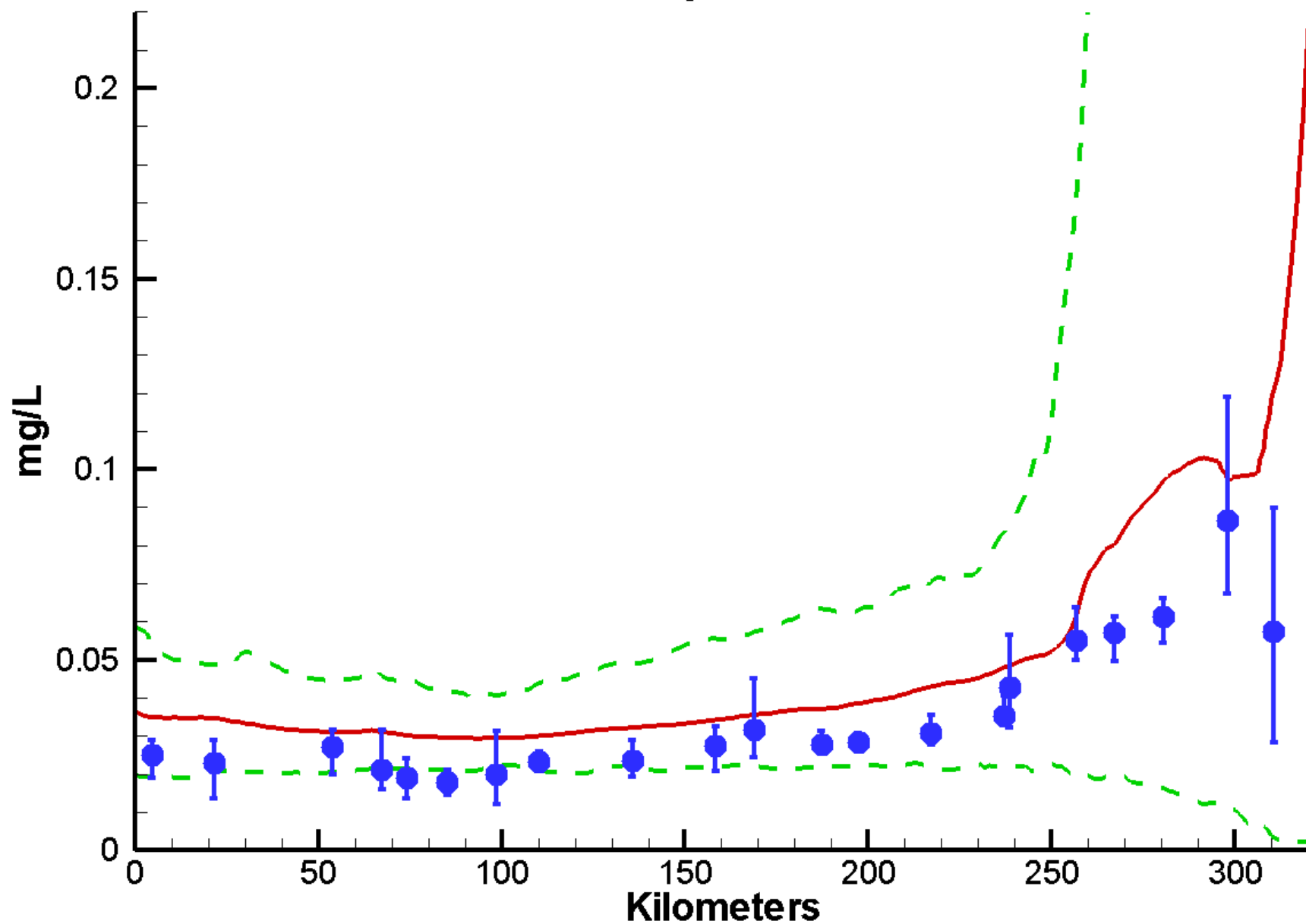
# Mainstem Bay Ches2015 Run118

## Bottom Total Phosphorus Fall 1999



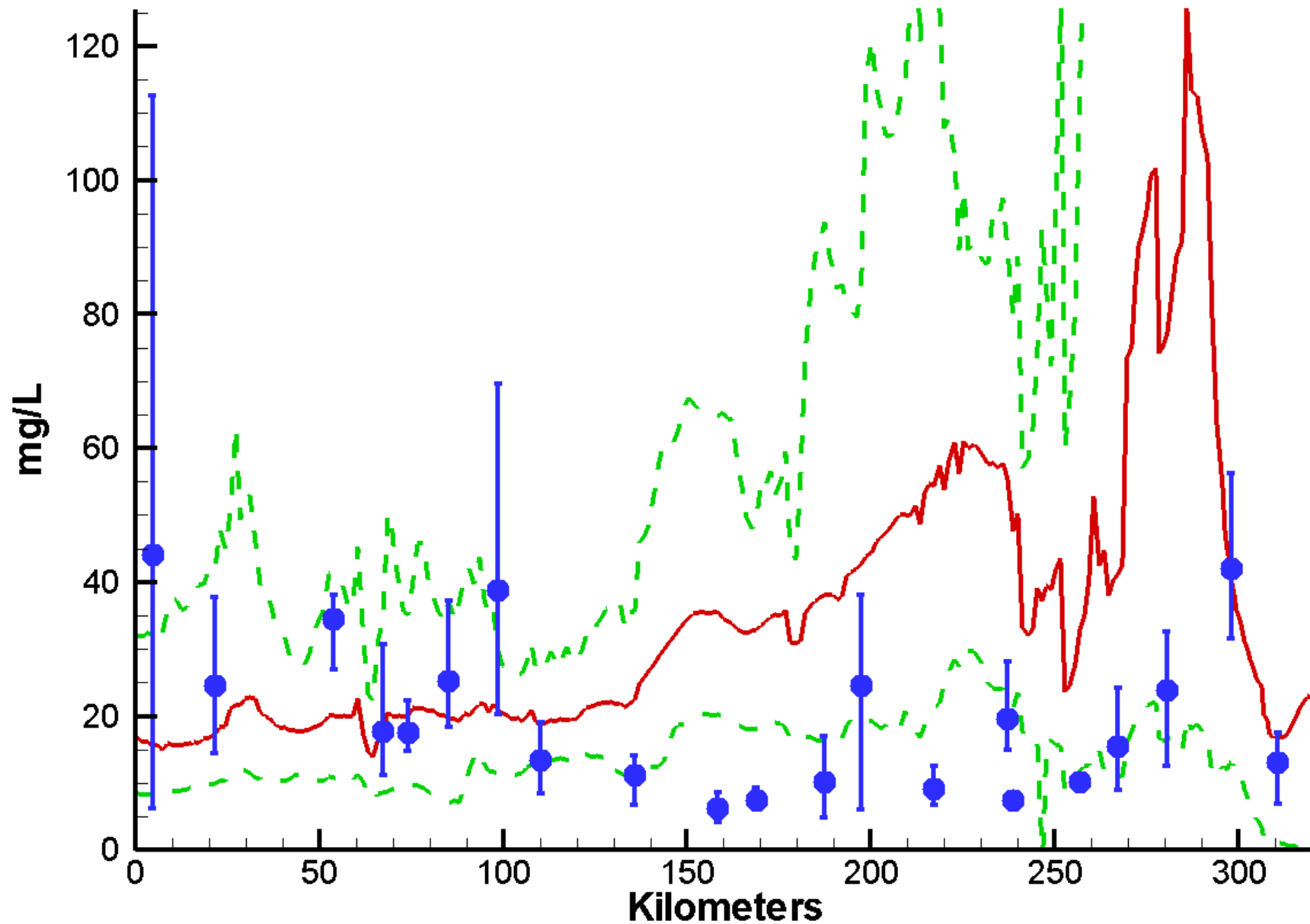
# Mainstem Bay Ches2015 Run118

## Surface Total Phosphorus Fall 1999



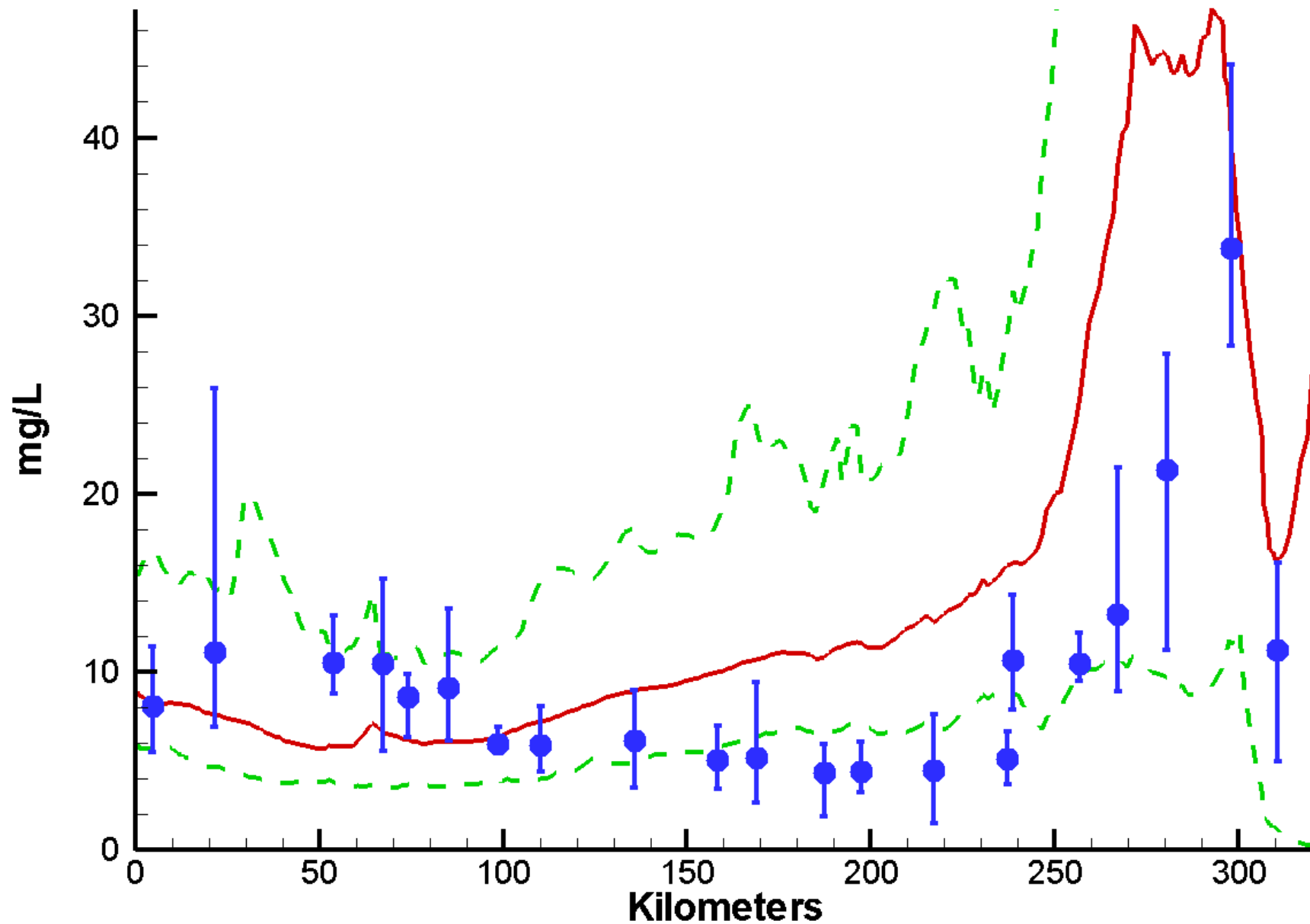
# Mainstem Bay Ches2015 Run118

## Bottom Total Suspended Solids Fall 1999



# Mainstem Bay Ches2015 Run118

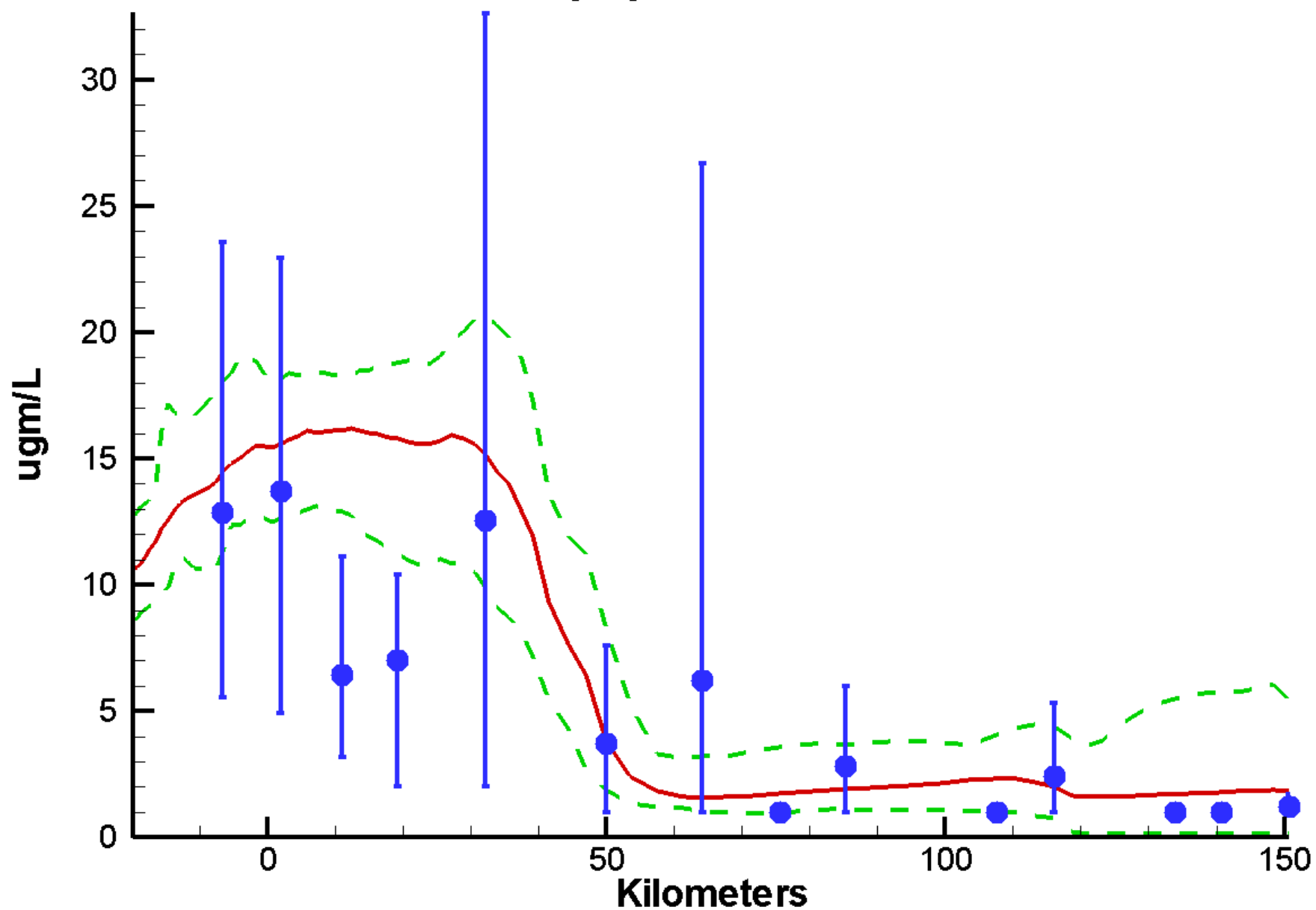
## Surface Total Suspended Solids Fall 1999





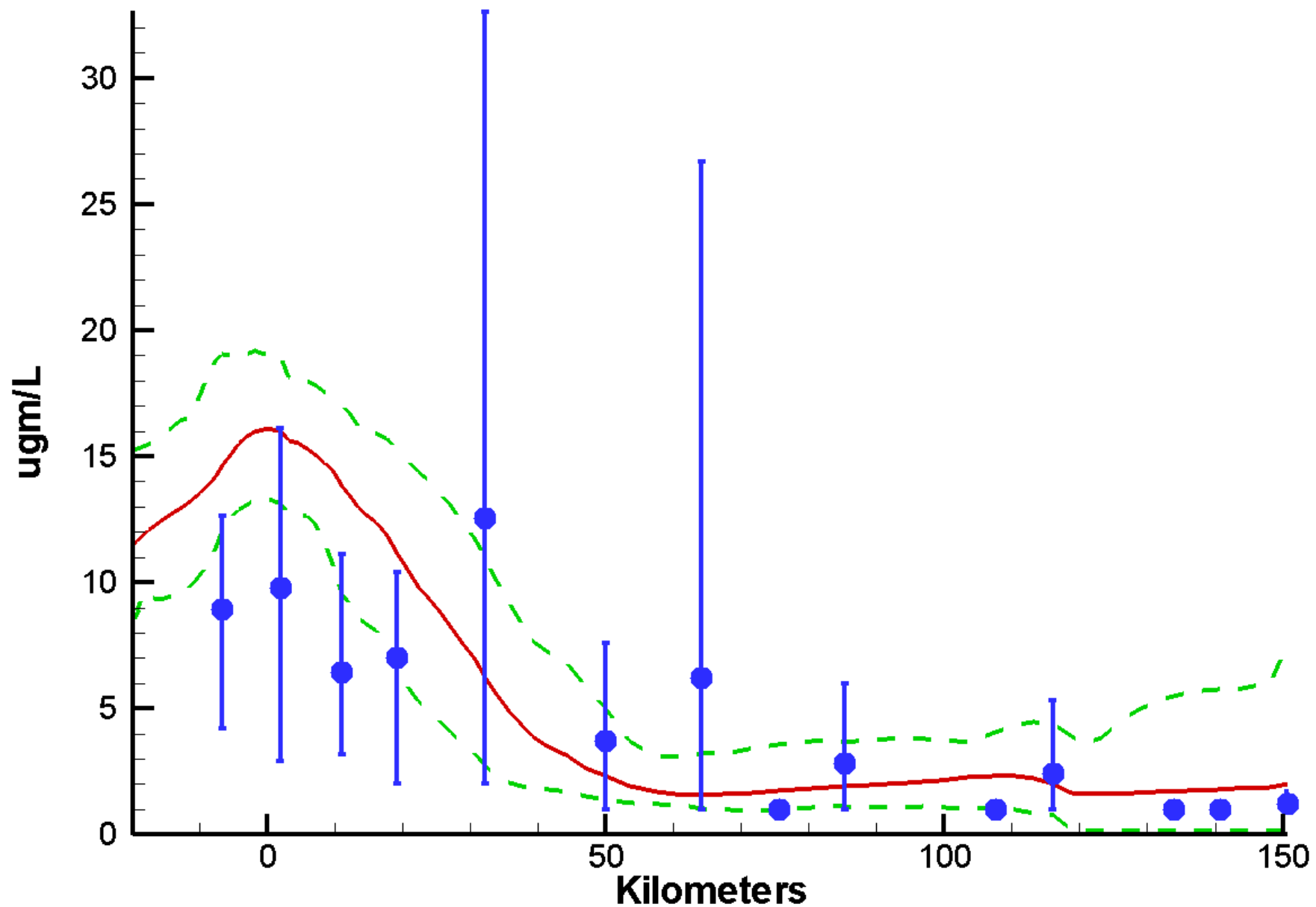
# James River Ches2015 Run118

## Bottom Chlorophyll Winter 1994



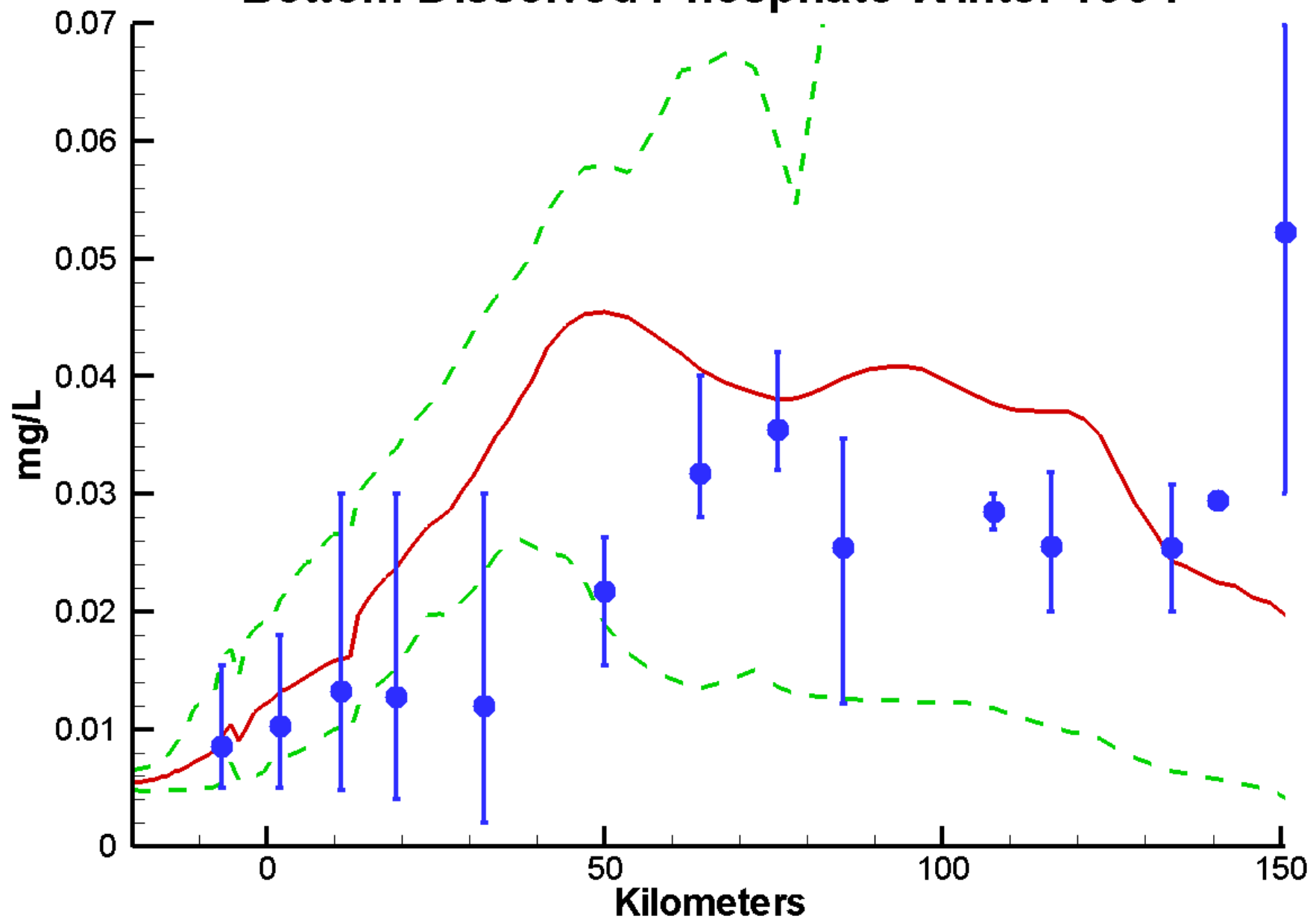
# James River Ches2015 Run118

## Surface Chlorophyll Winter 1994



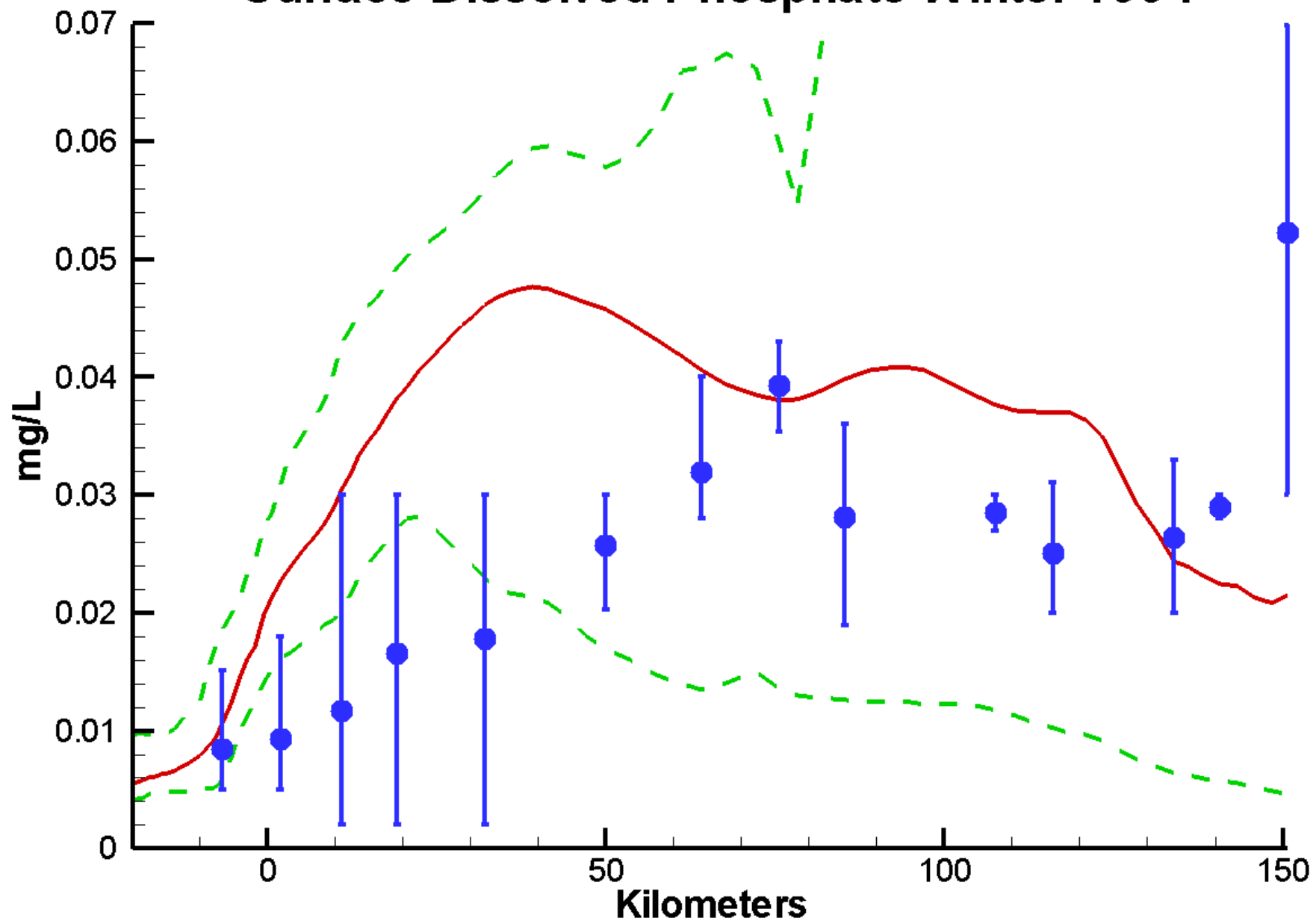
# James River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1994



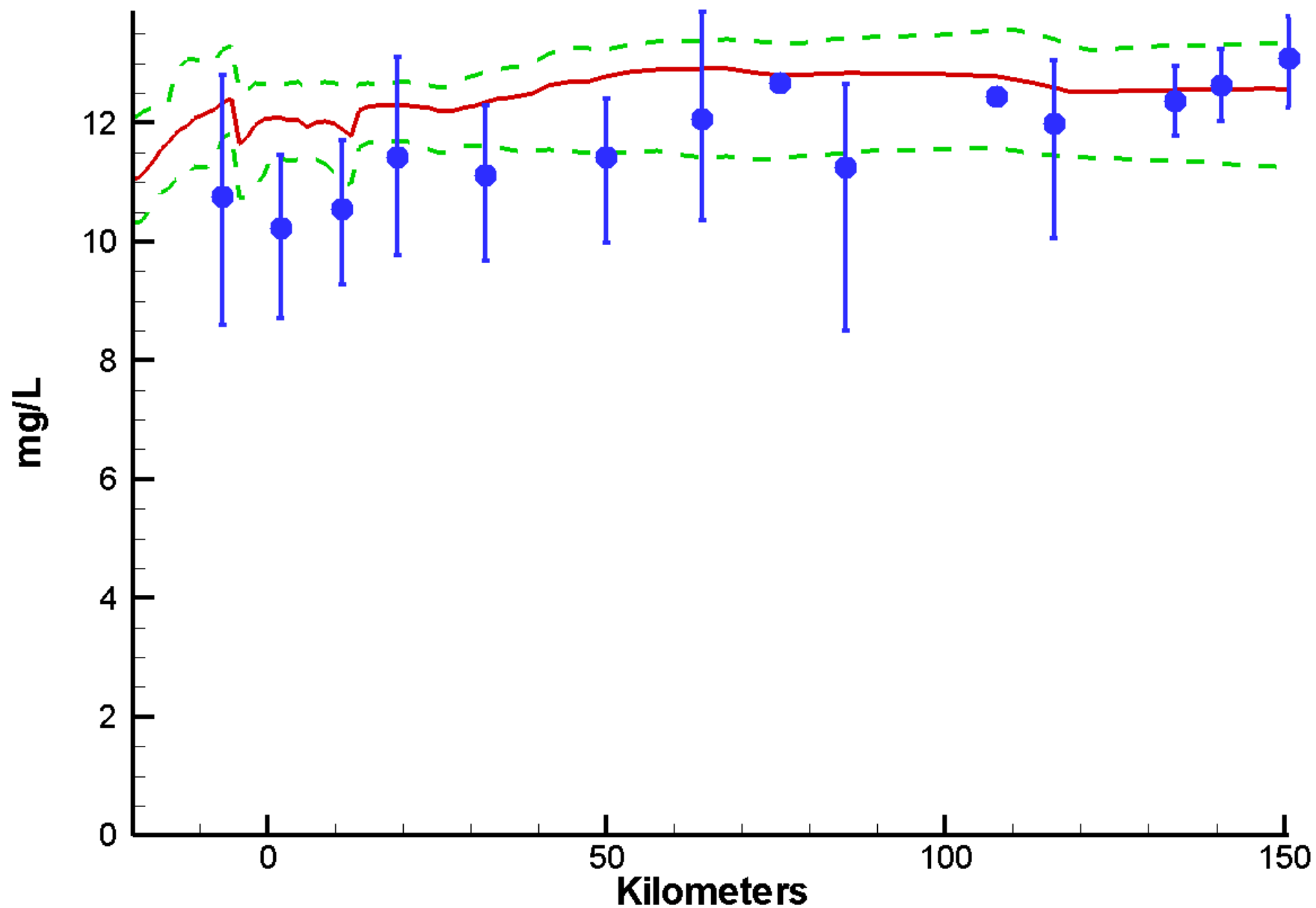
# James River Ches2015 Run118

## Surface Dissolved Phosphate Winter 1994



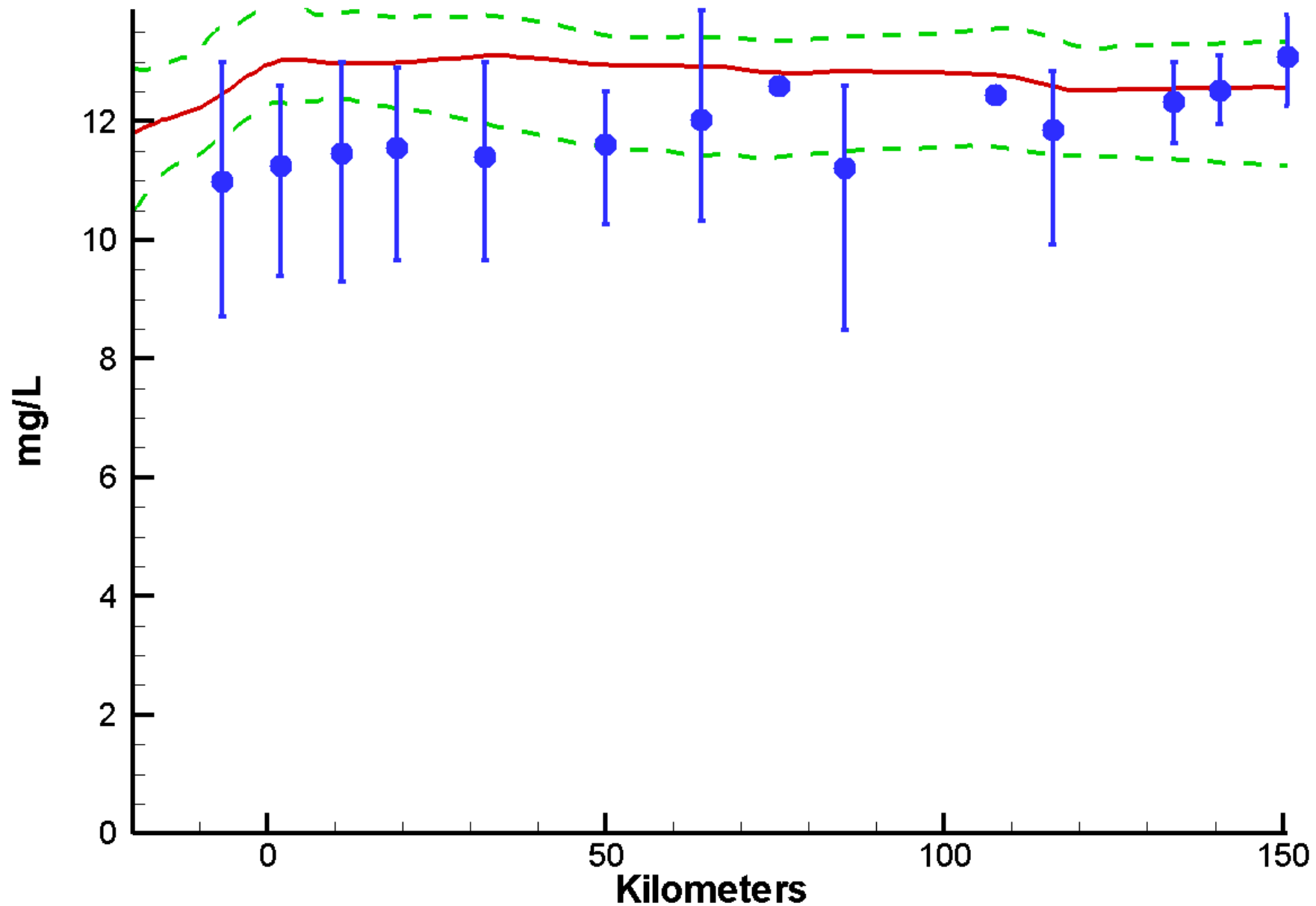
# James River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1994



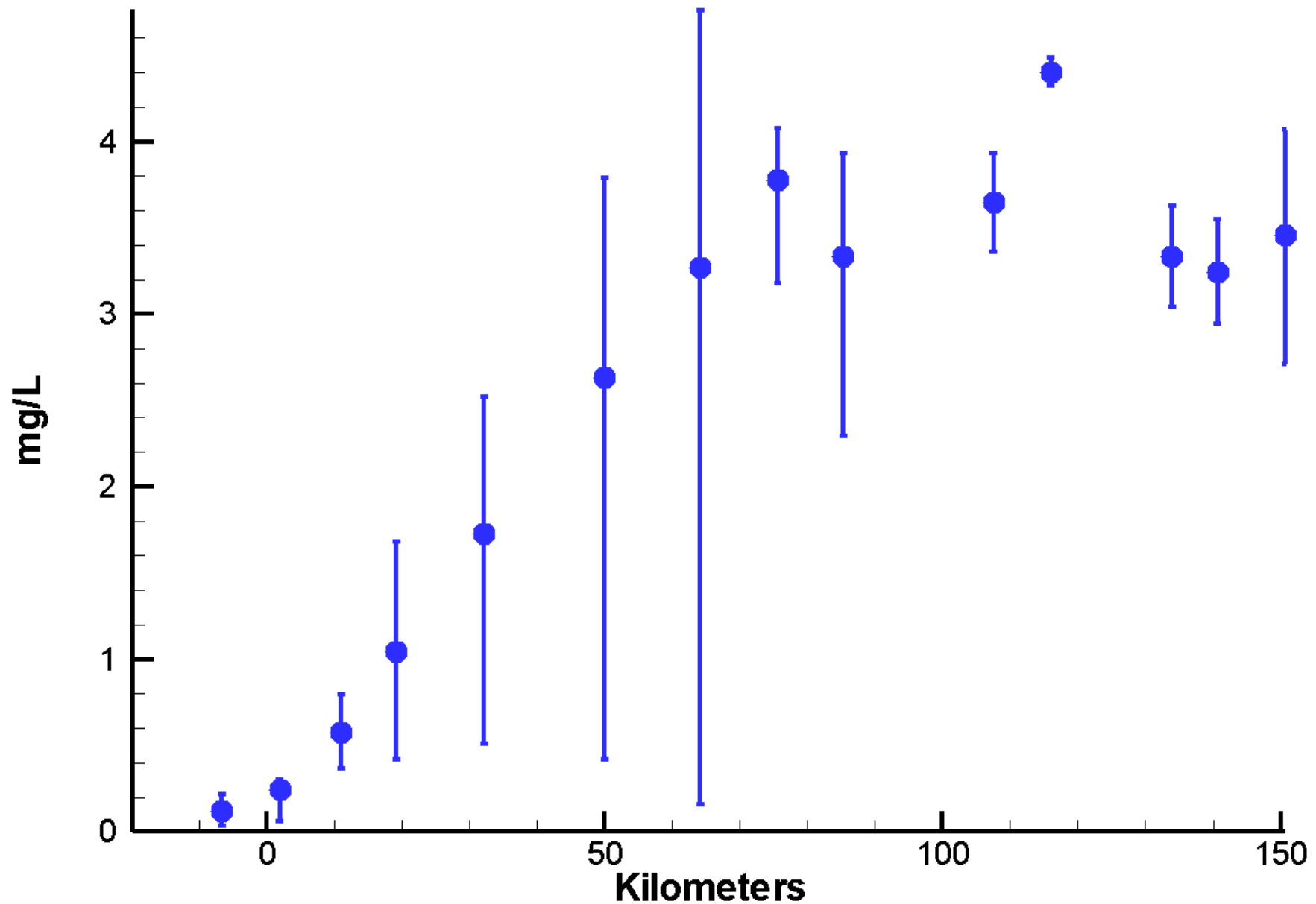
# James River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1994



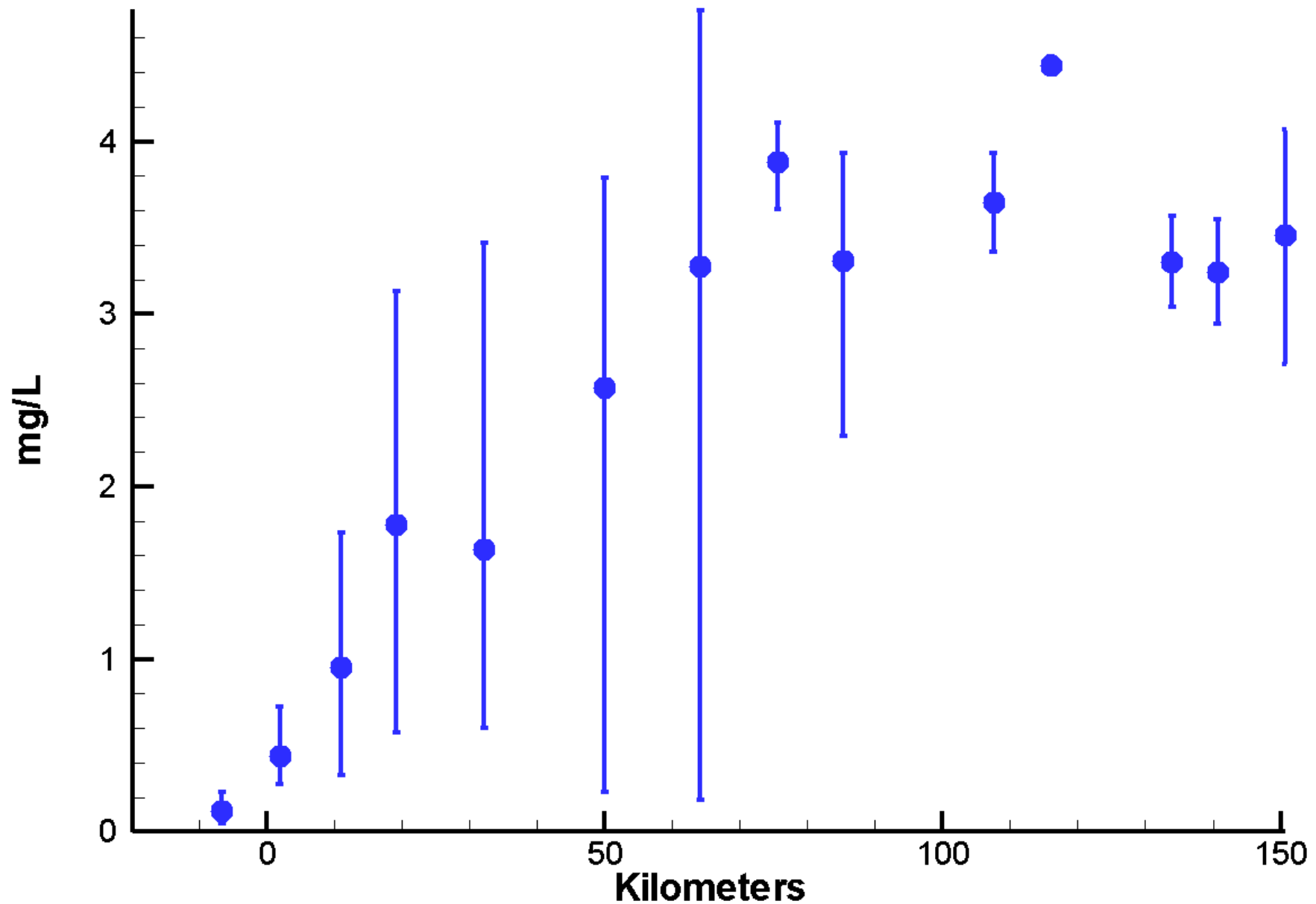
# James River Ches2015 Run118

## Bottom Dissolved Silica Winter 1994



# James River Ches2015 Run118

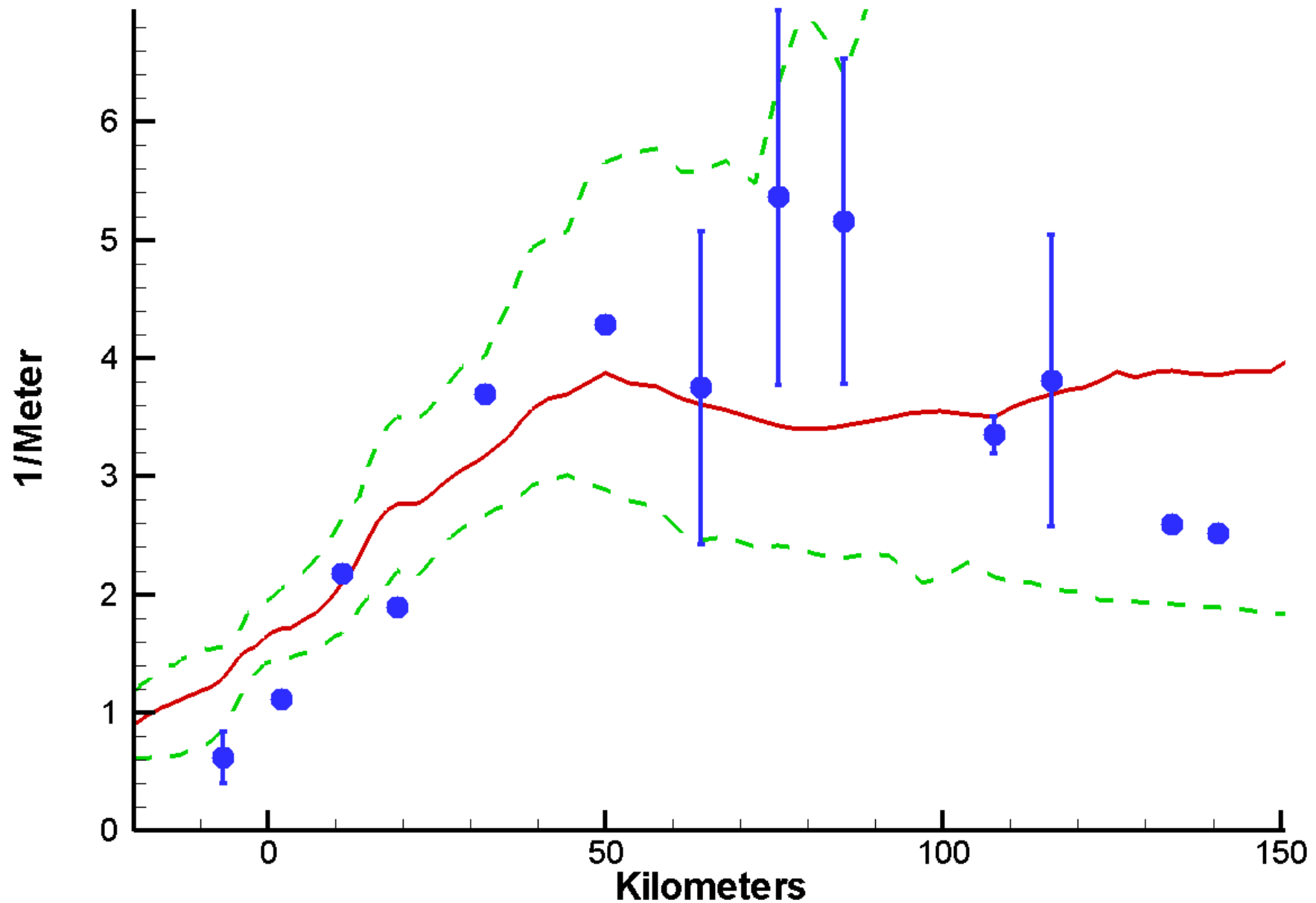
## Surface Dissolved Silica Winter 1994



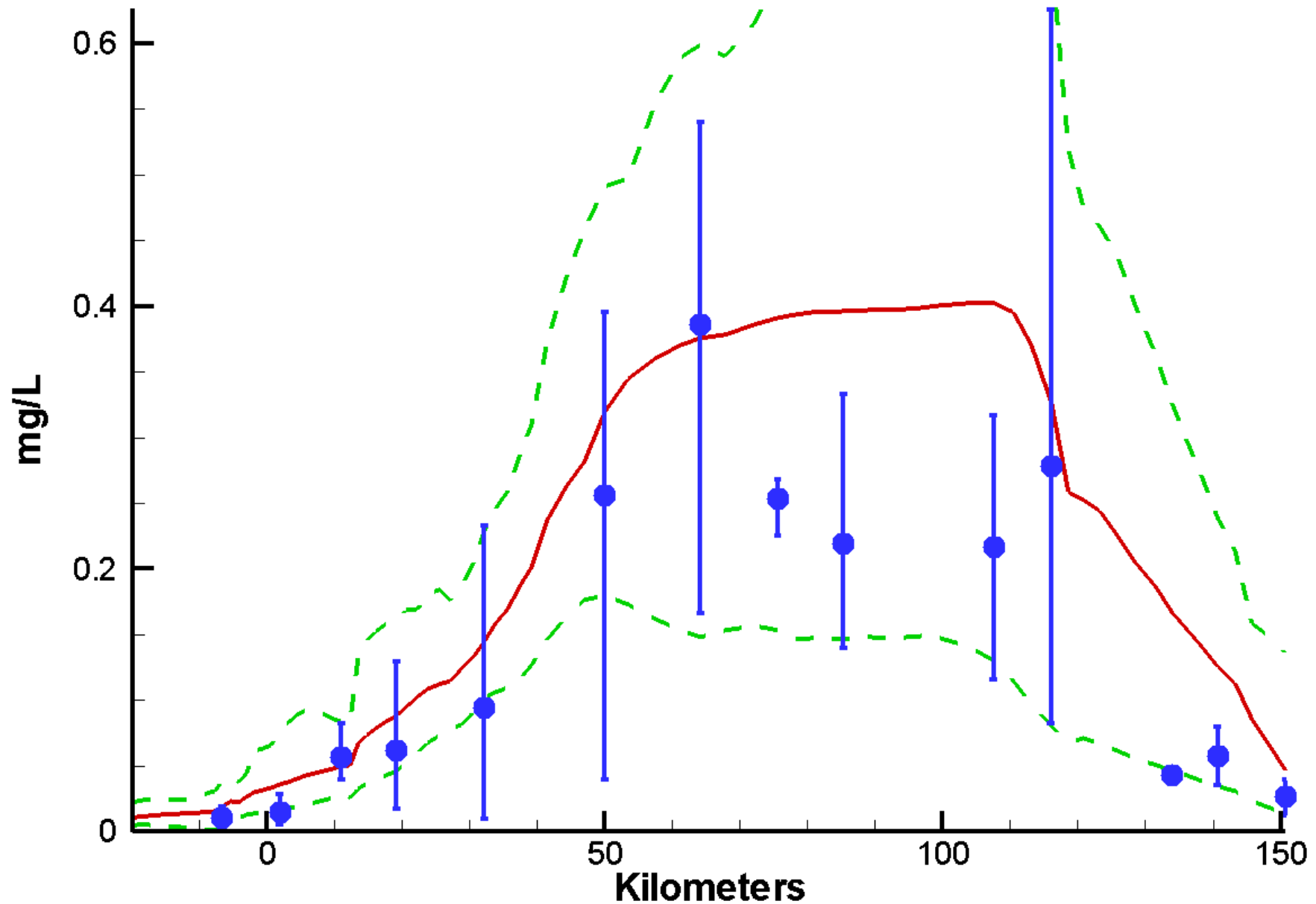


# James River Ches2015 Run118

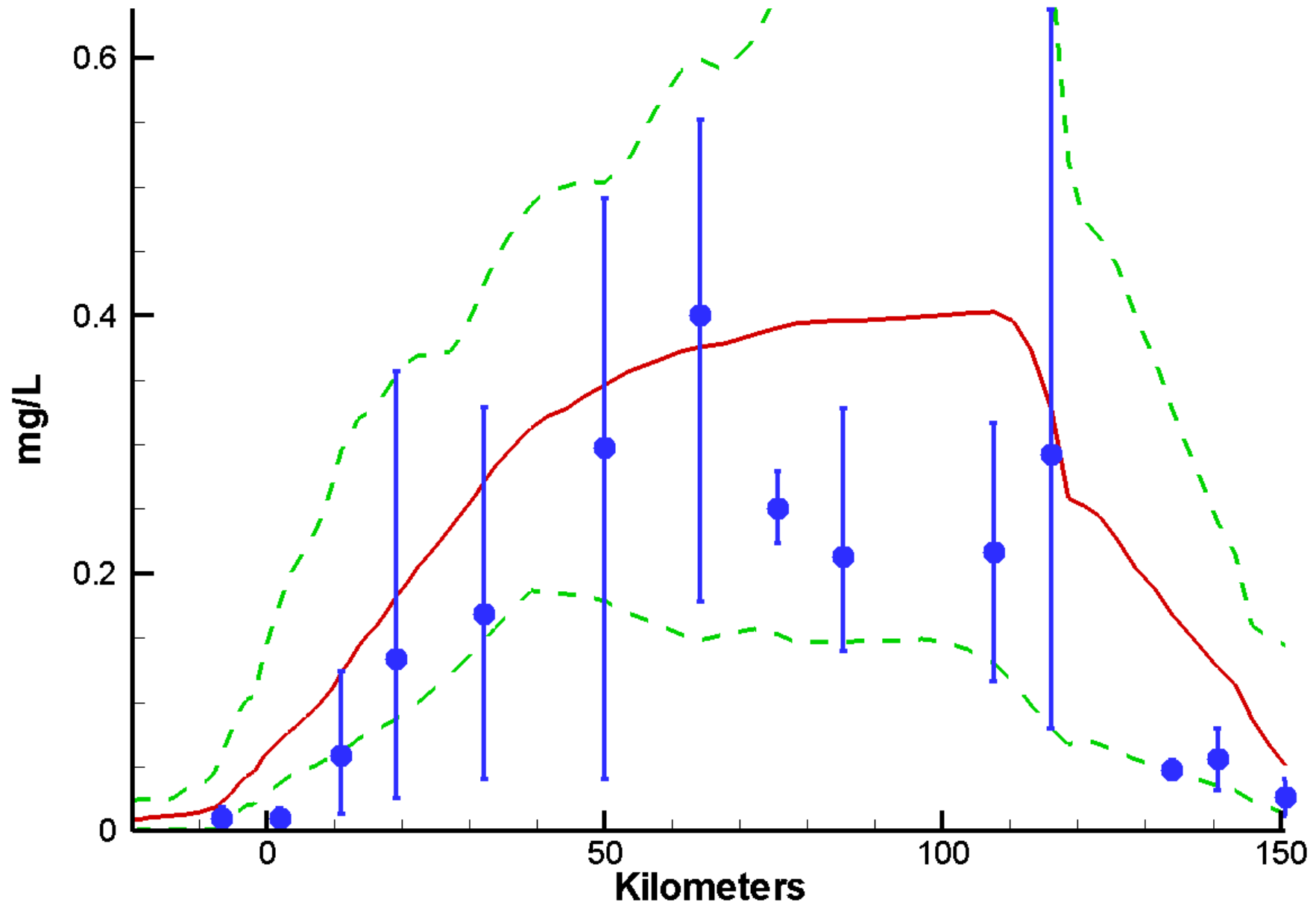
## Surface Light Extinction Winter 1994



# James River Ches2015 Run118 Bottom Ammonium Winter 1994

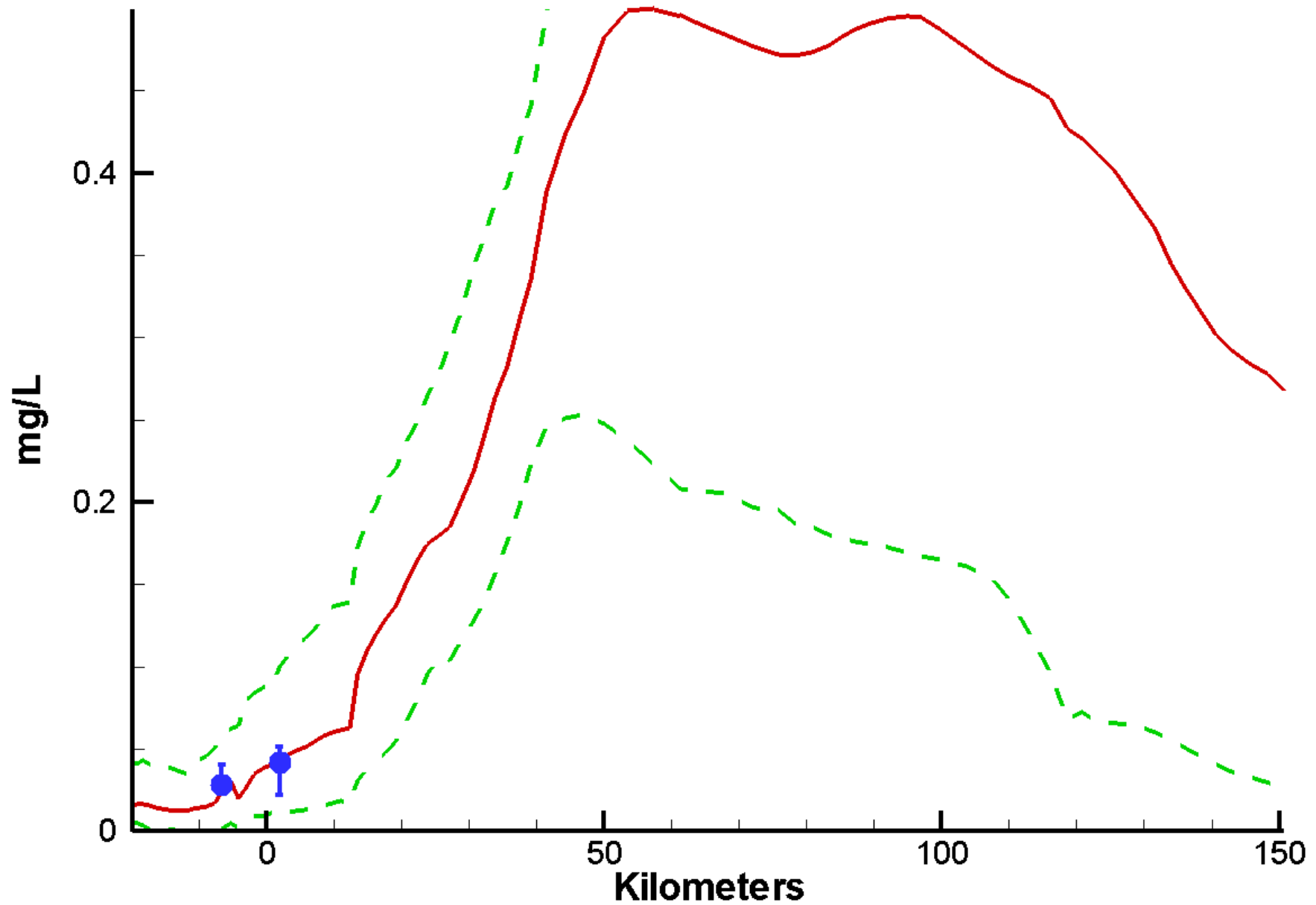


# James River Ches2015 Run118 Surface Ammonium Winter 1994

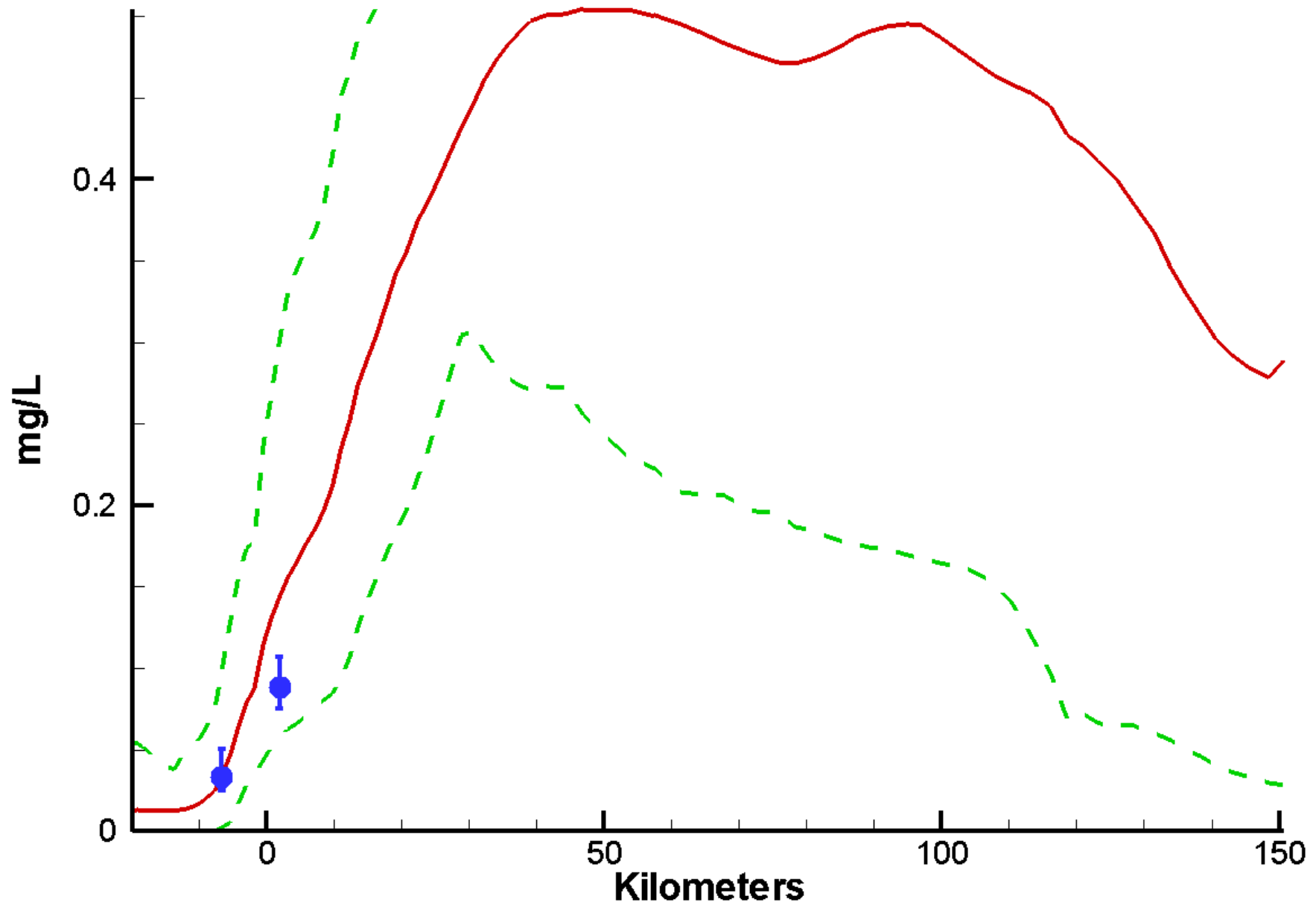


# James River Ches2015 Run118

## Bottom Nitrate Winter 1994

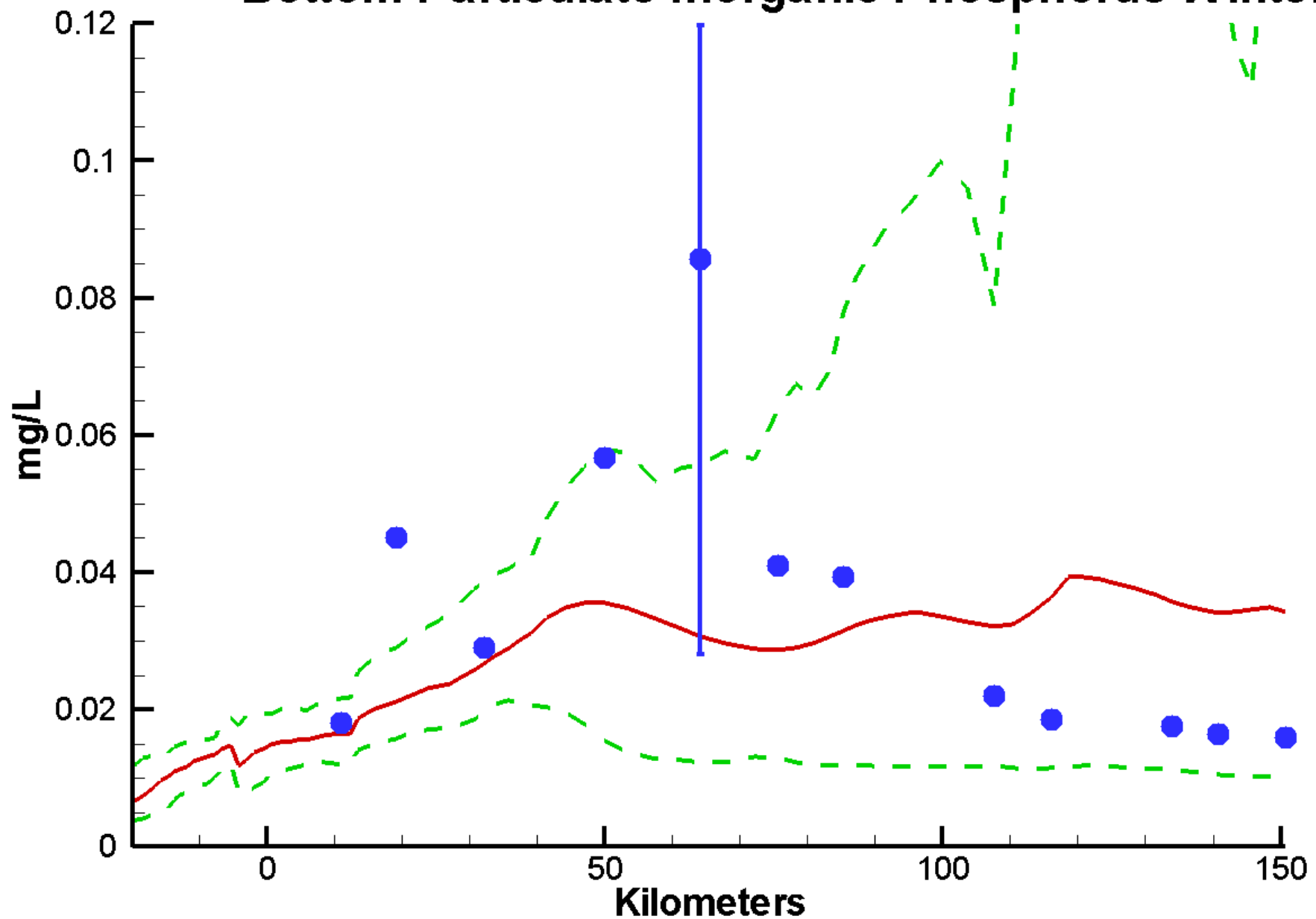


**James River Ches2015 Run118**  
**Surface Nitrate Winter 1994**



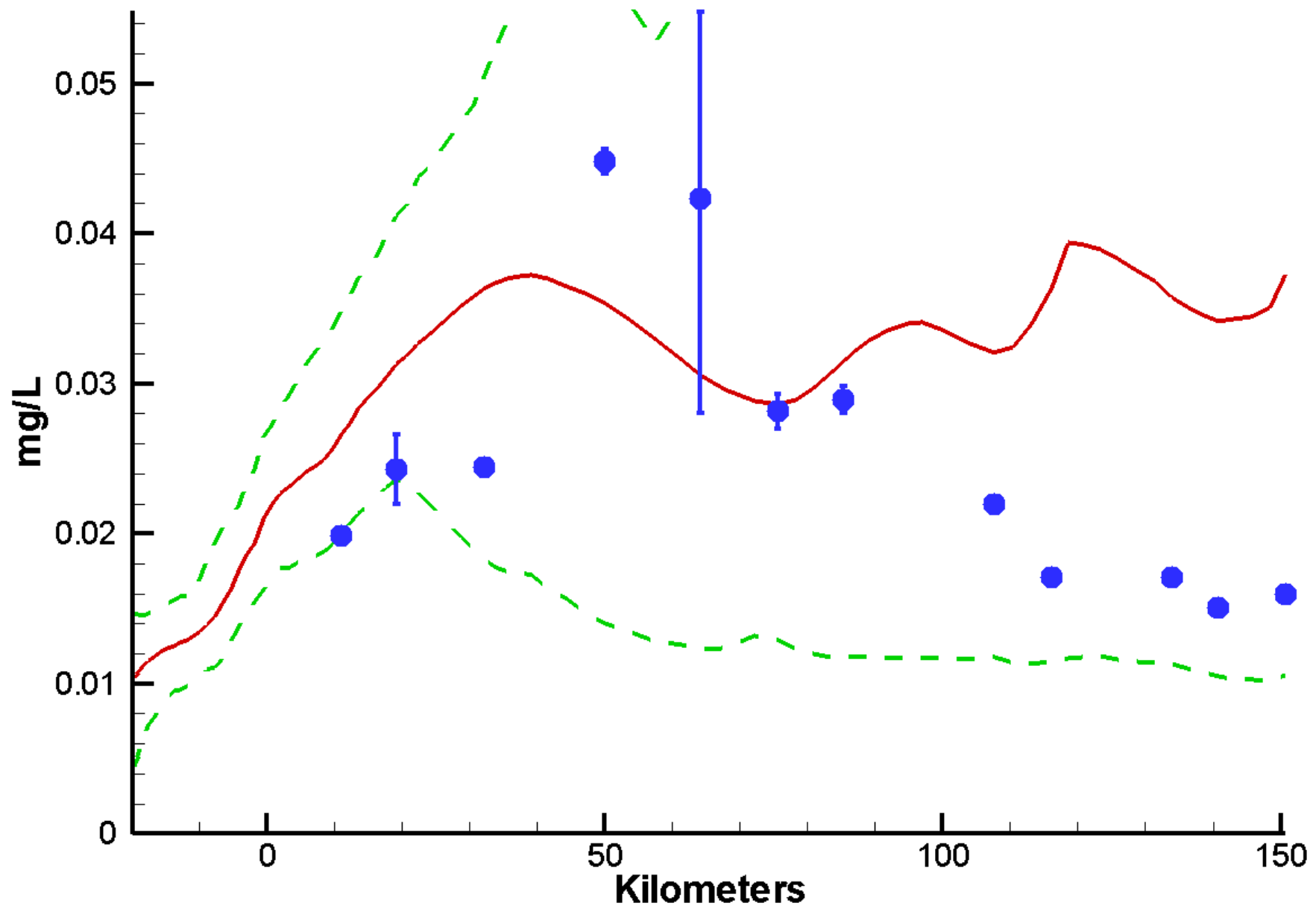
# James River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1994



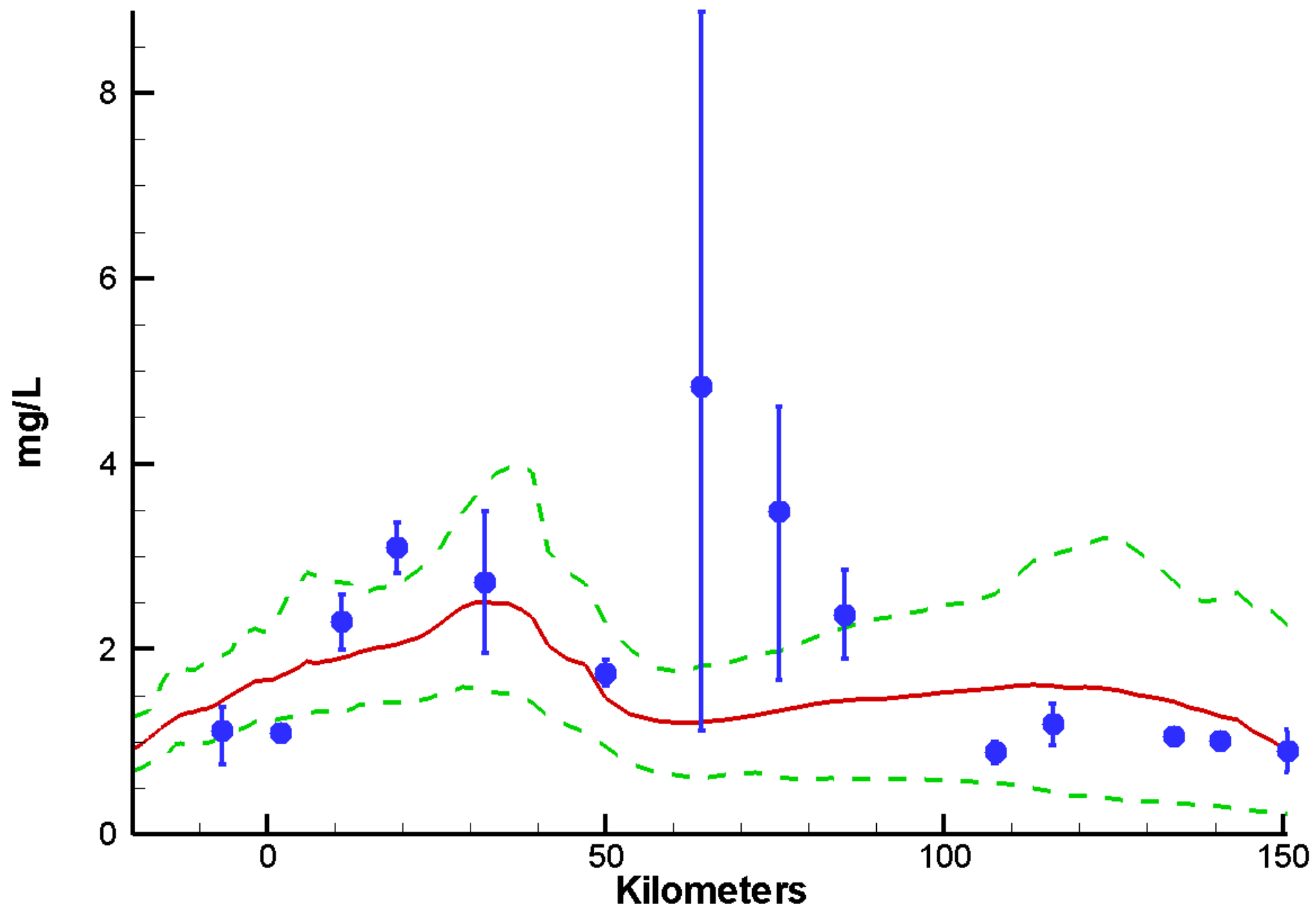
# James River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1994



# James River Ches2015 Run118

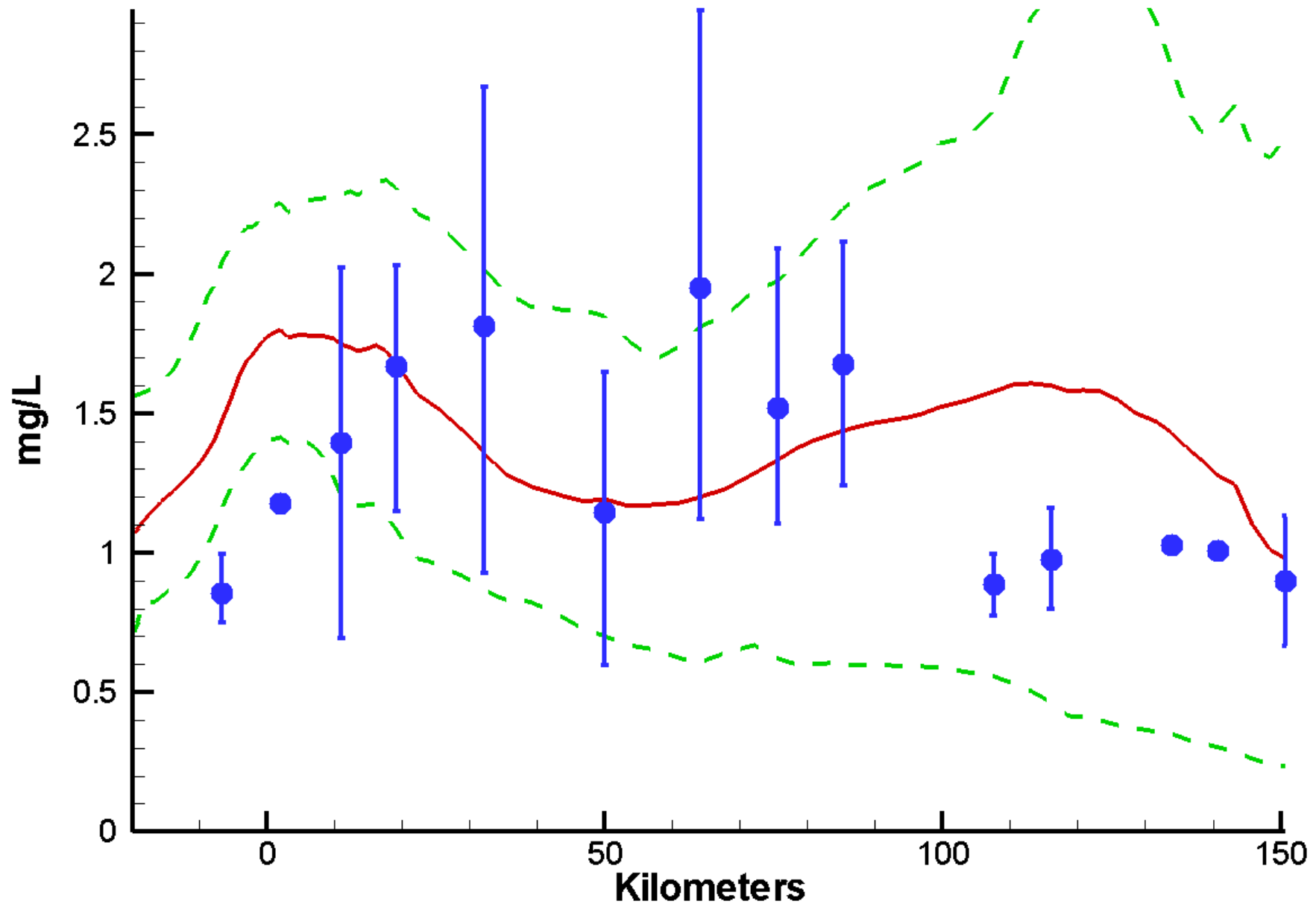
## Bottom Particulate Organic Carbon Winter 1994





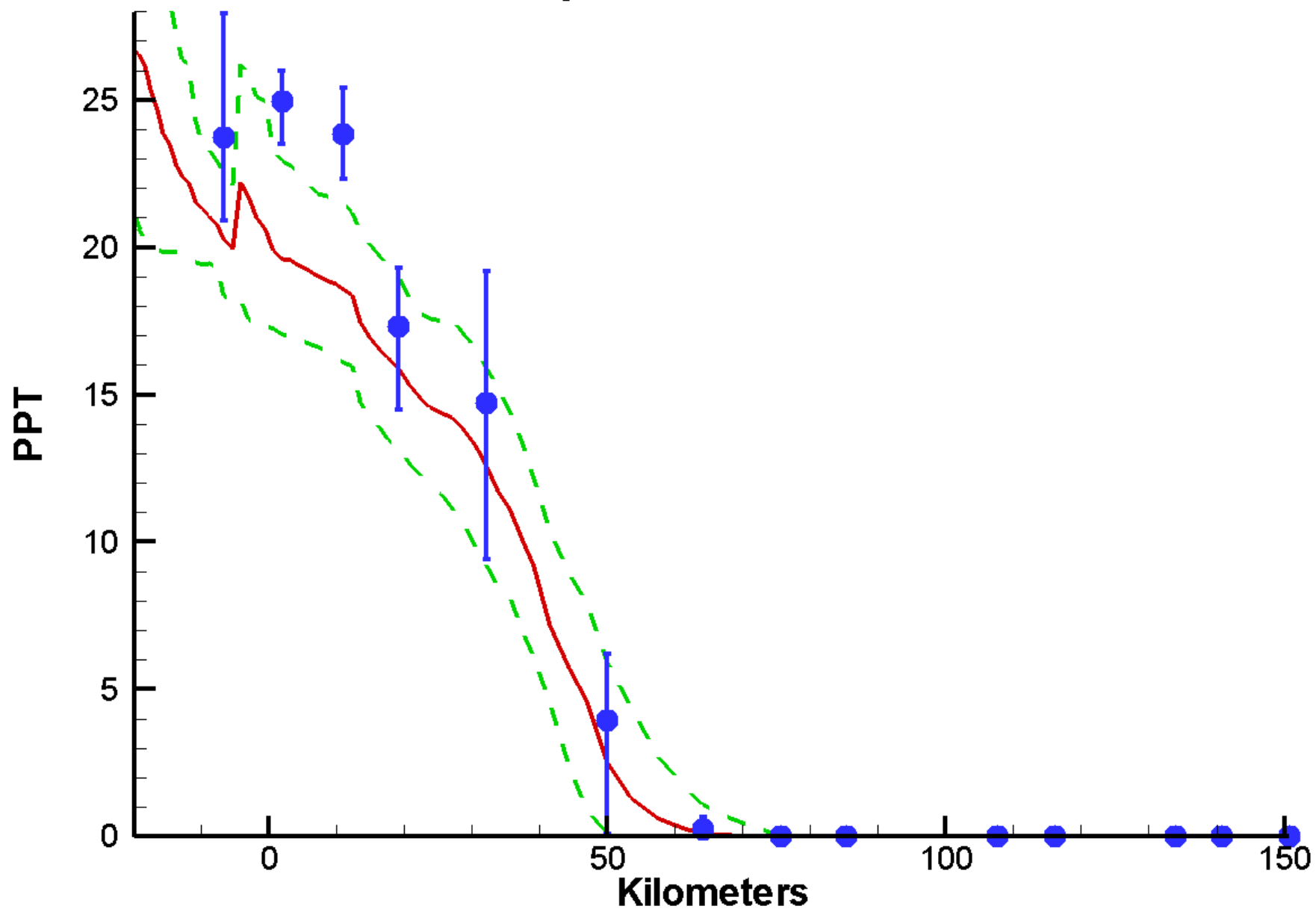
# James River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1994



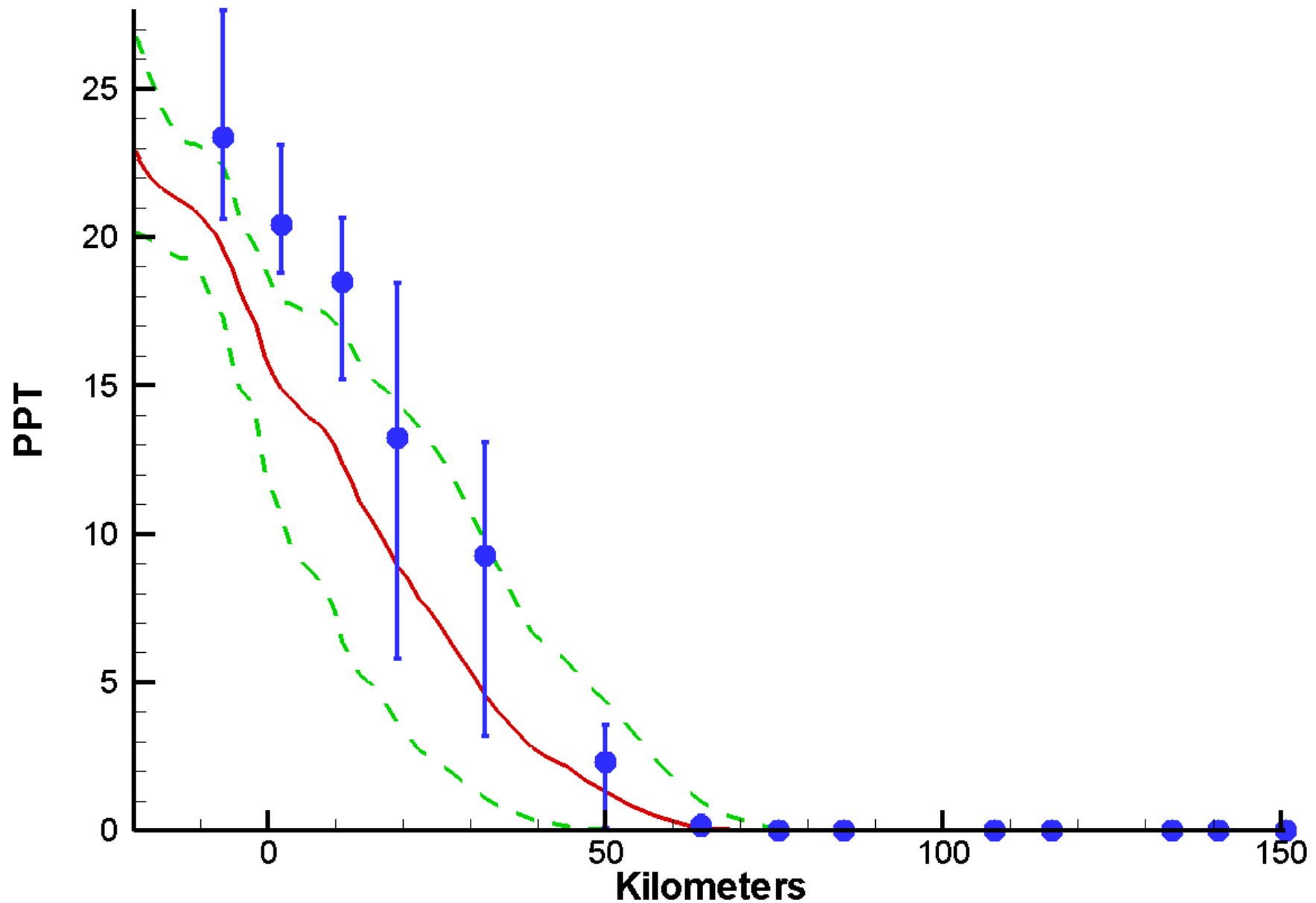
# James River Ches2015 Run118

## Bottom Salinity Winter 1994



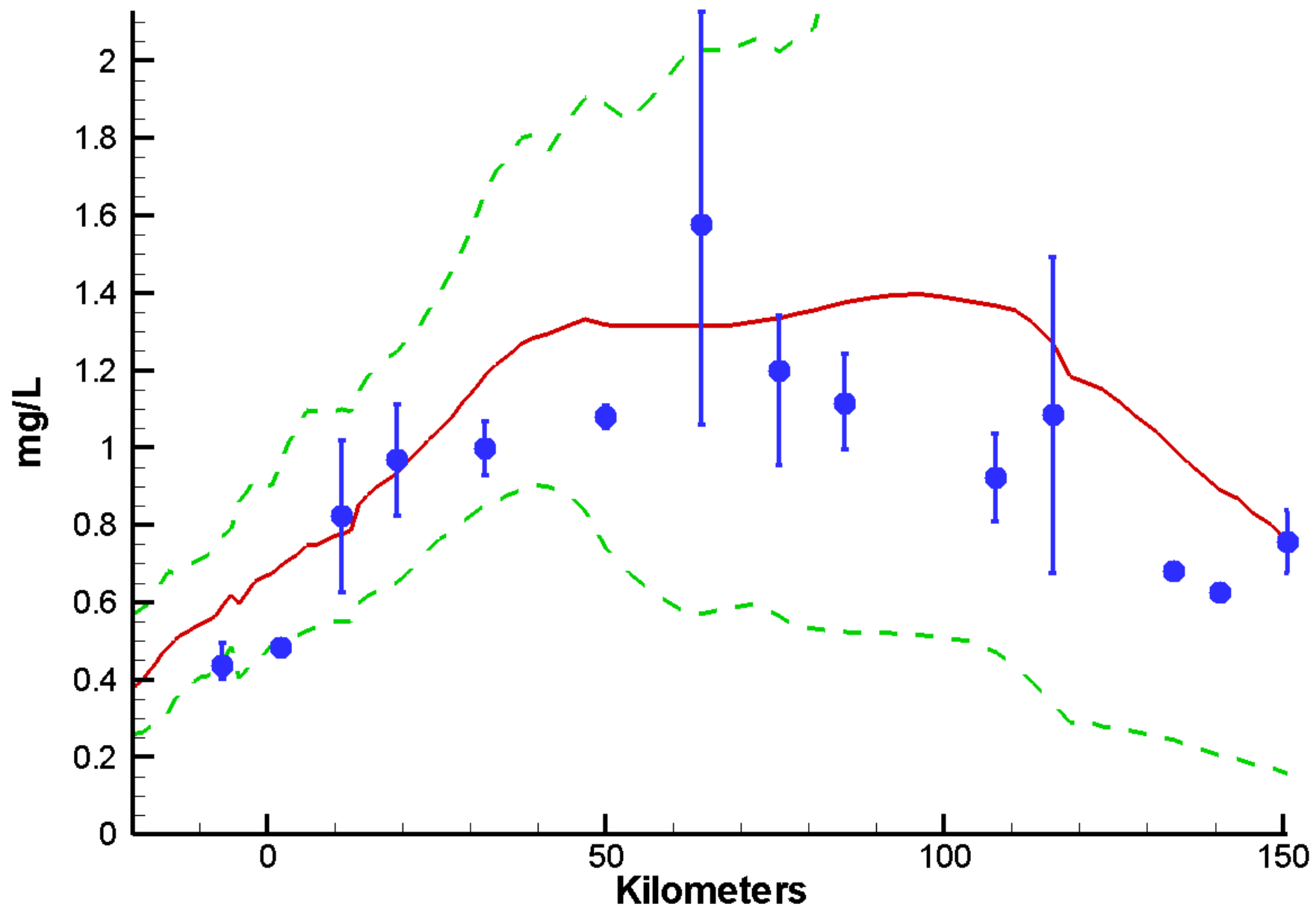
# James River Ches2015 Run118

## Surface Salinity Winter 1994



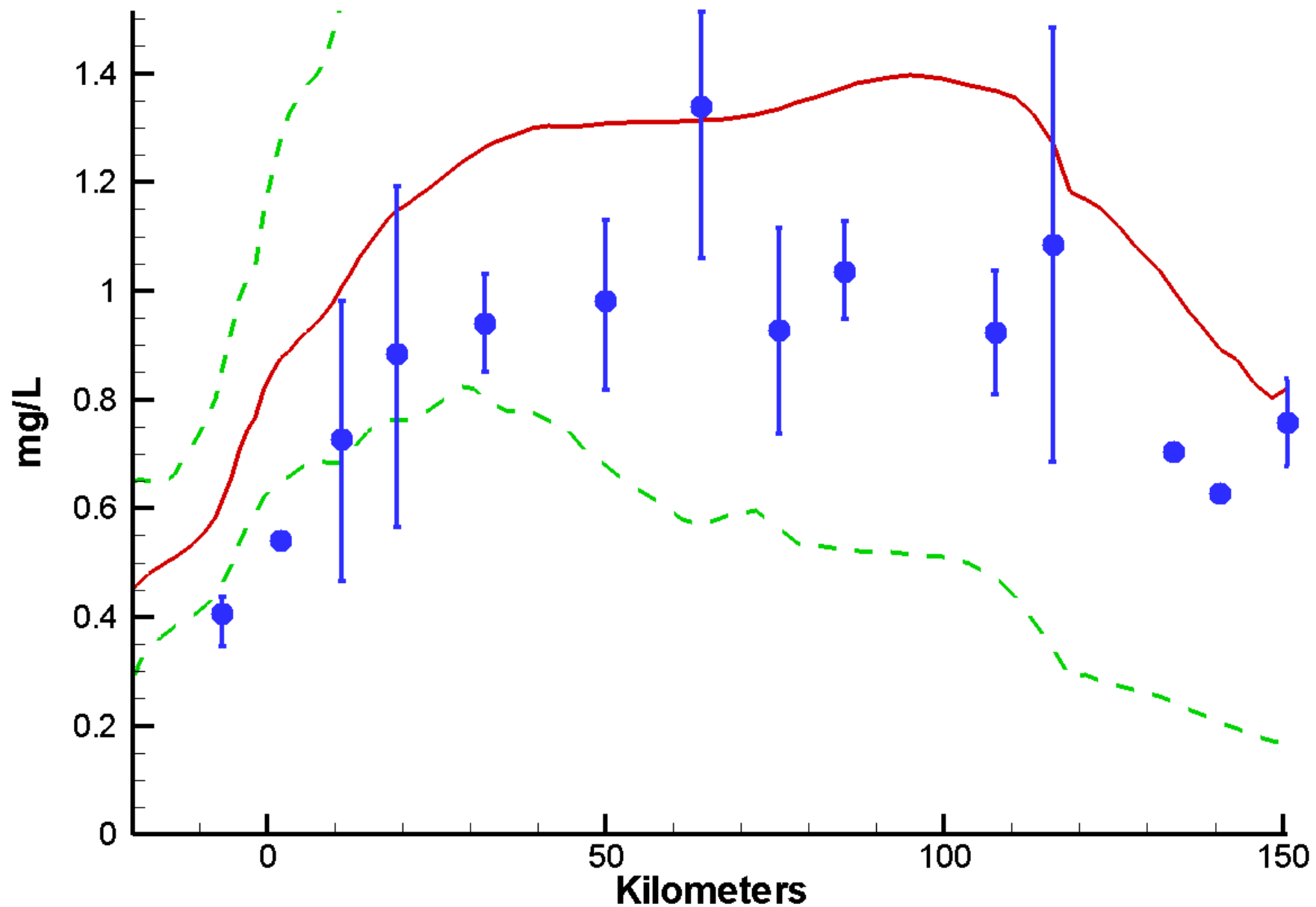
# James River Ches2015 Run118

## Bottom Total Nitrogen Winter 1994



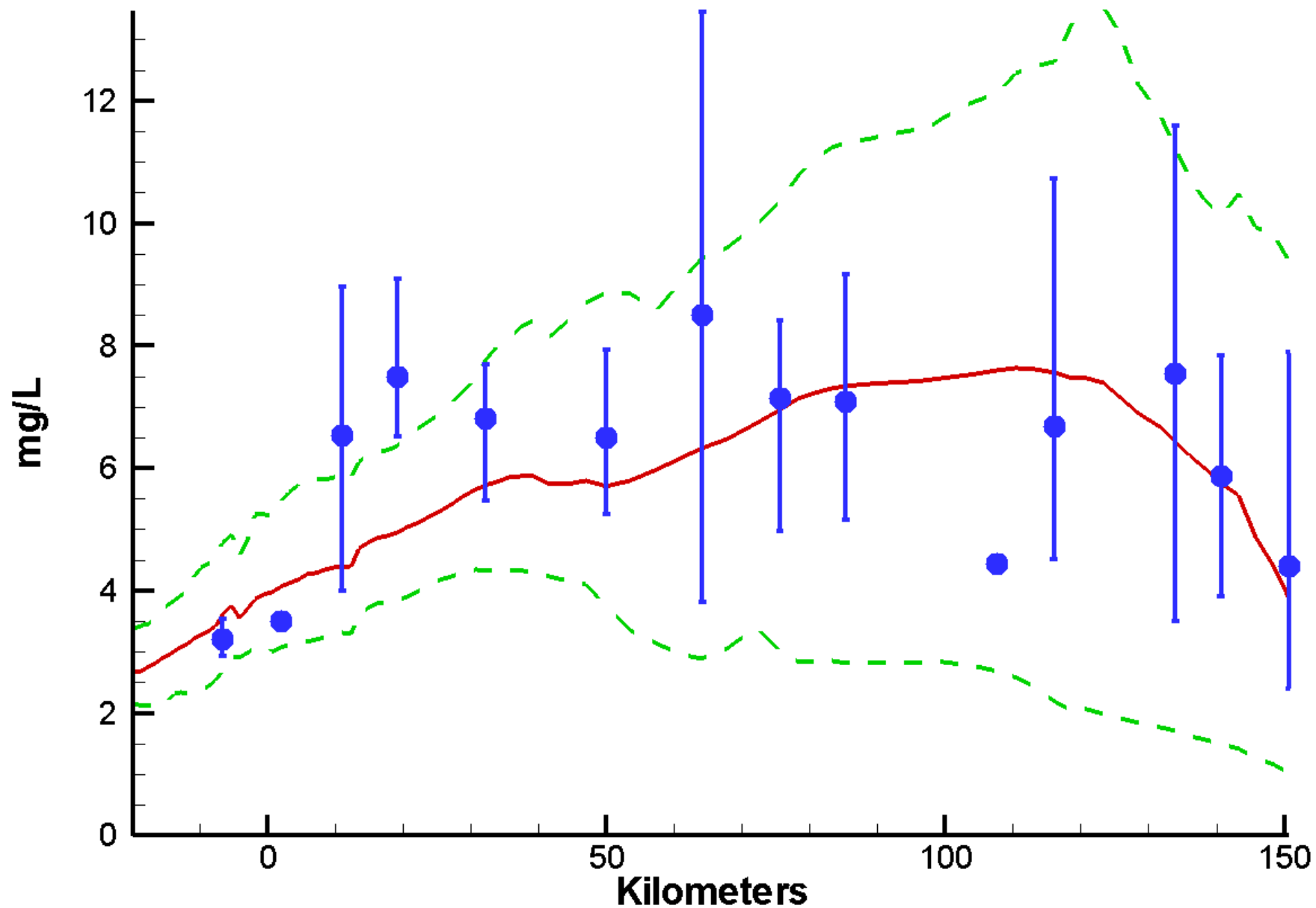
# James River Ches2015 Run118

## Surface Total Nitrogen Winter 1994



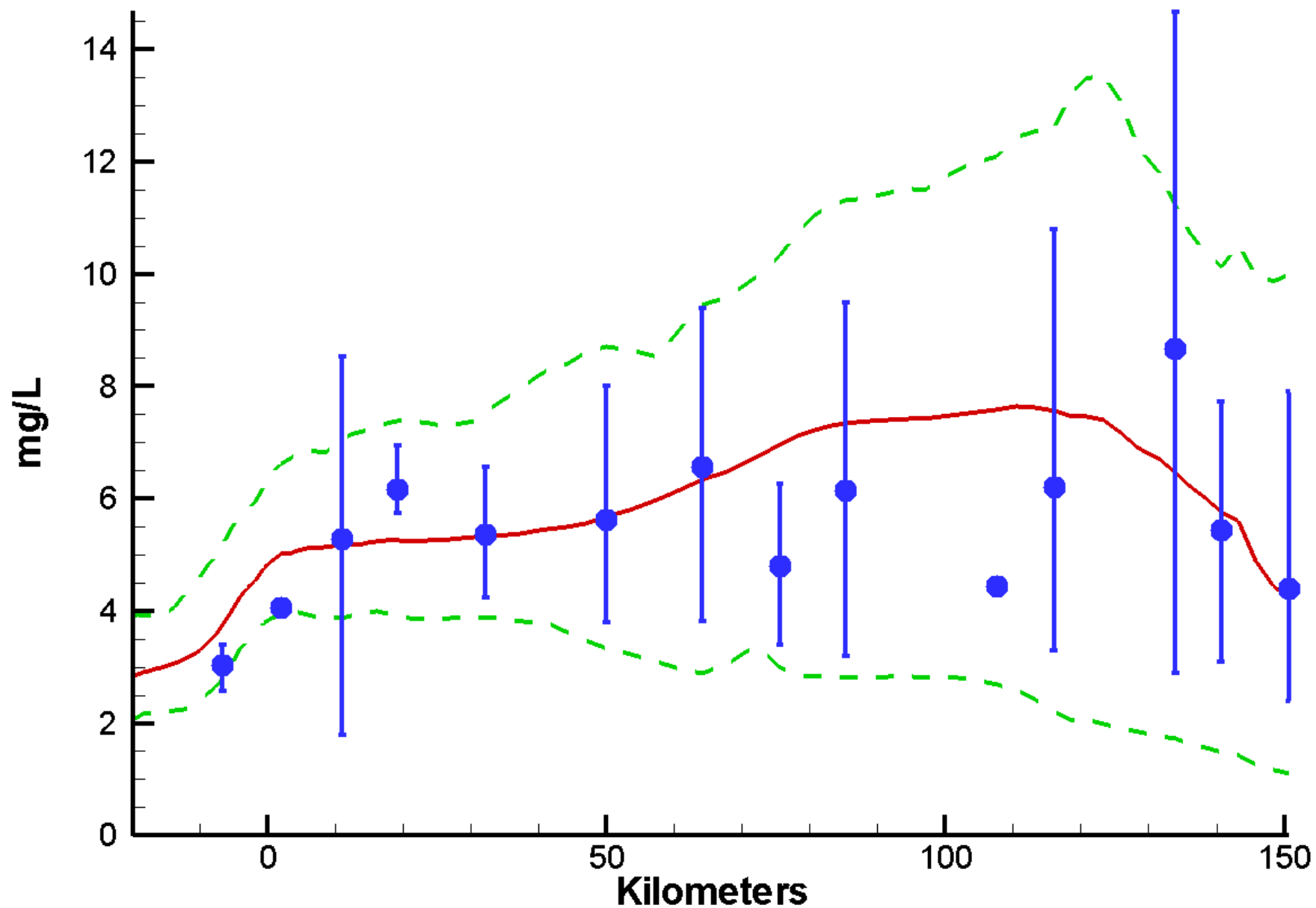
# James River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1994



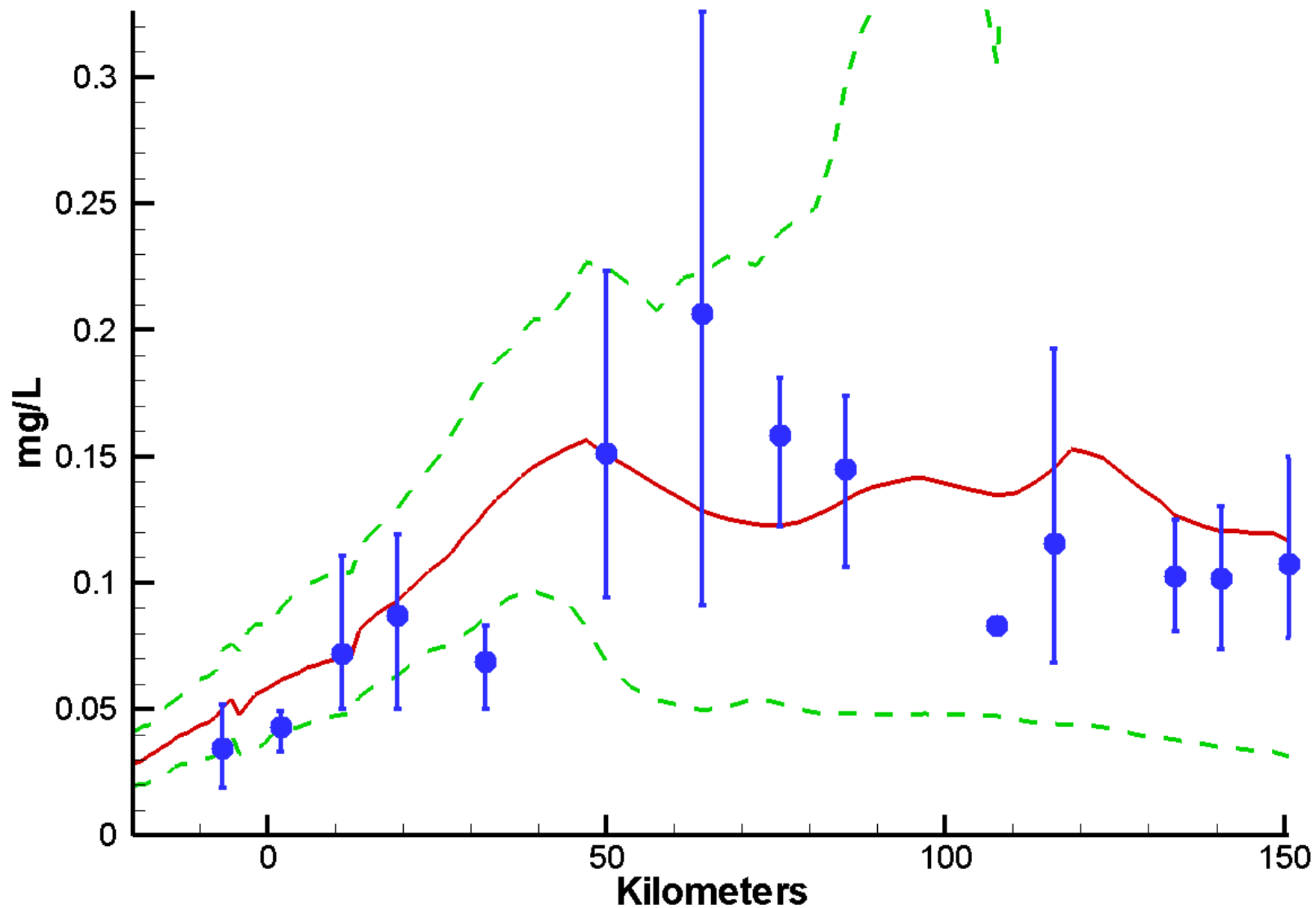
# James River Ches2015 Run118

## Surface Total Organic Carbon Winter 1994



# James River Ches2015 Run118

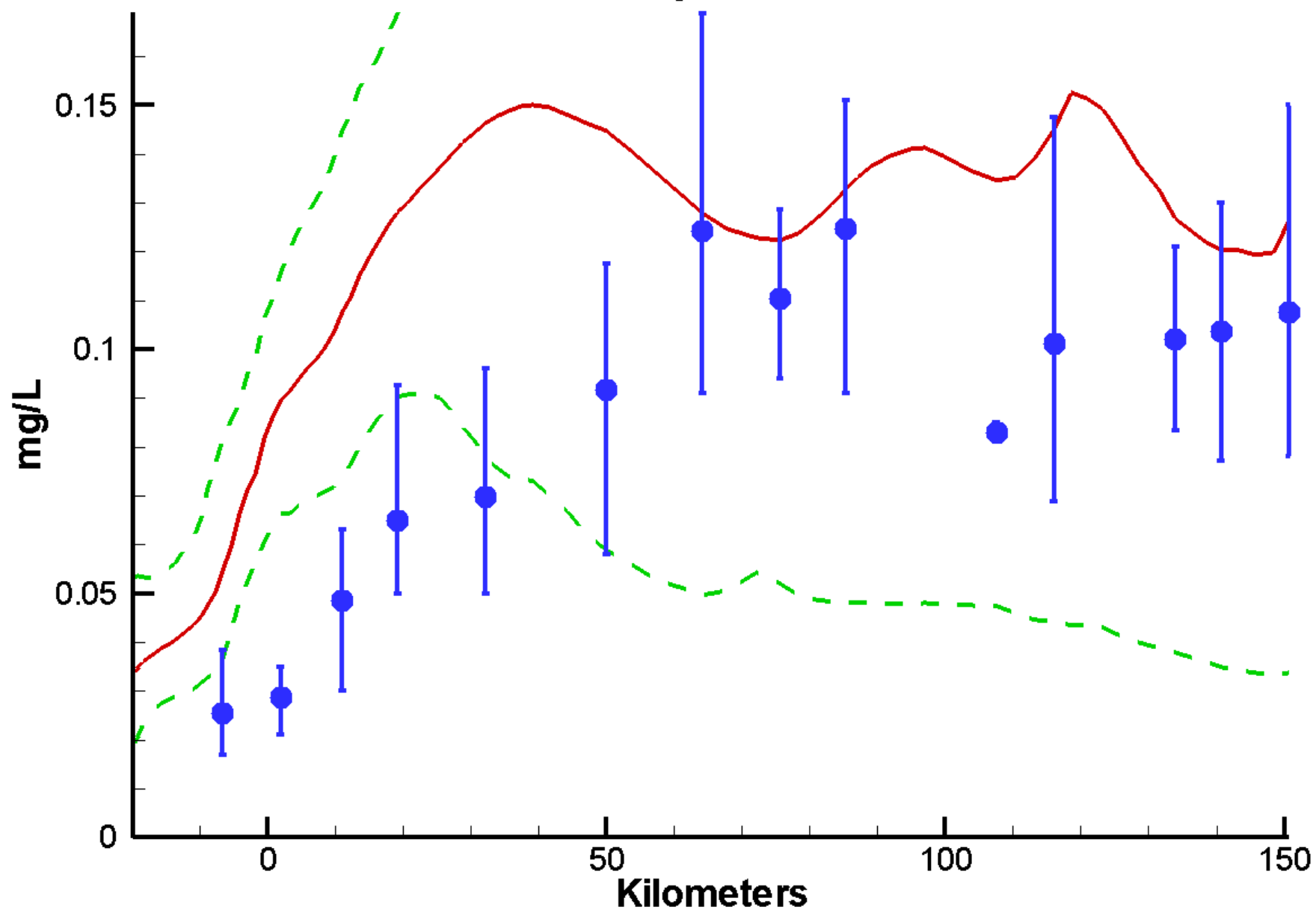
## Bottom Total Phosphorus Winter 1994





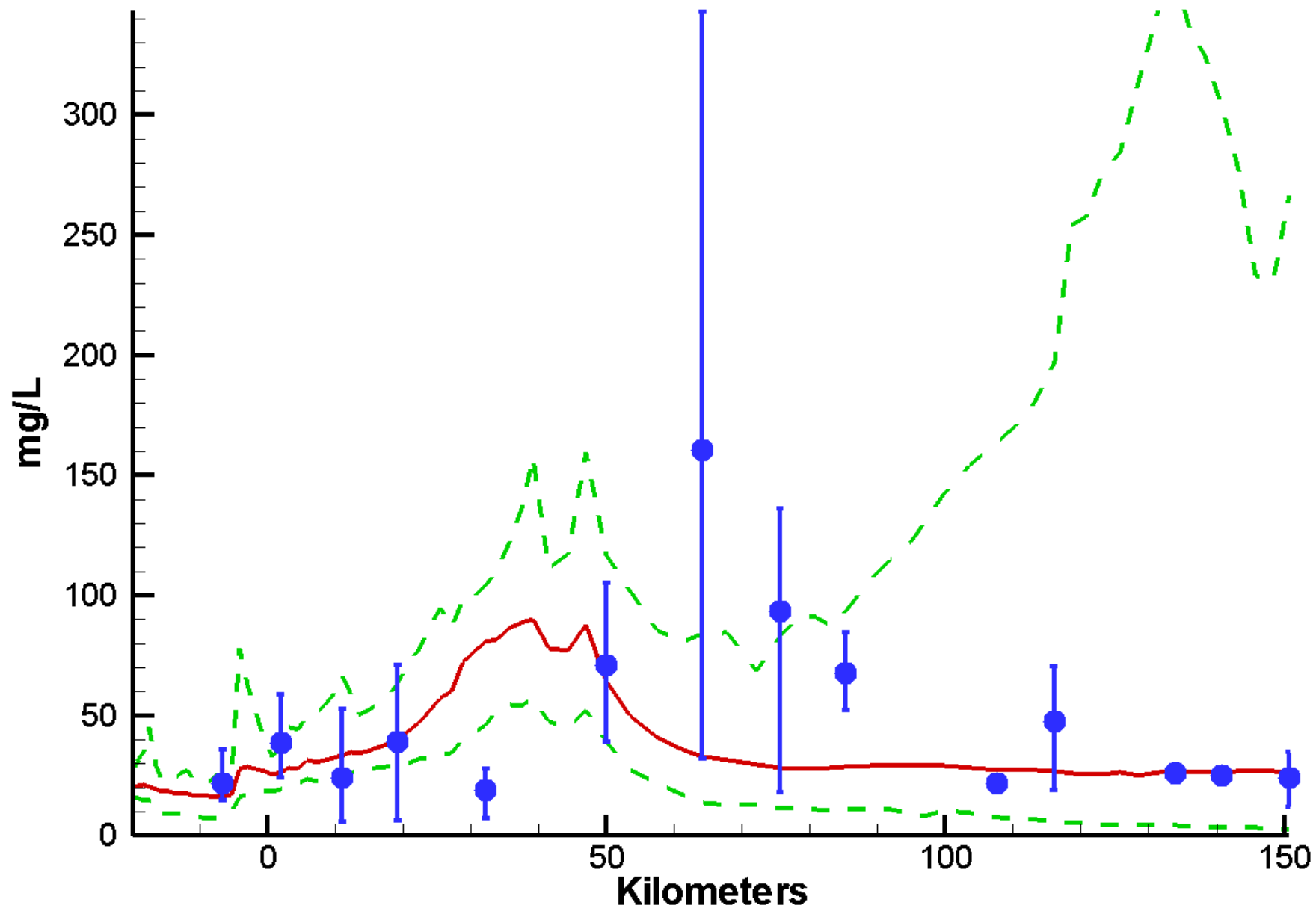
# James River Ches2015 Run118

## Surface Total Phosphorus Winter 1994



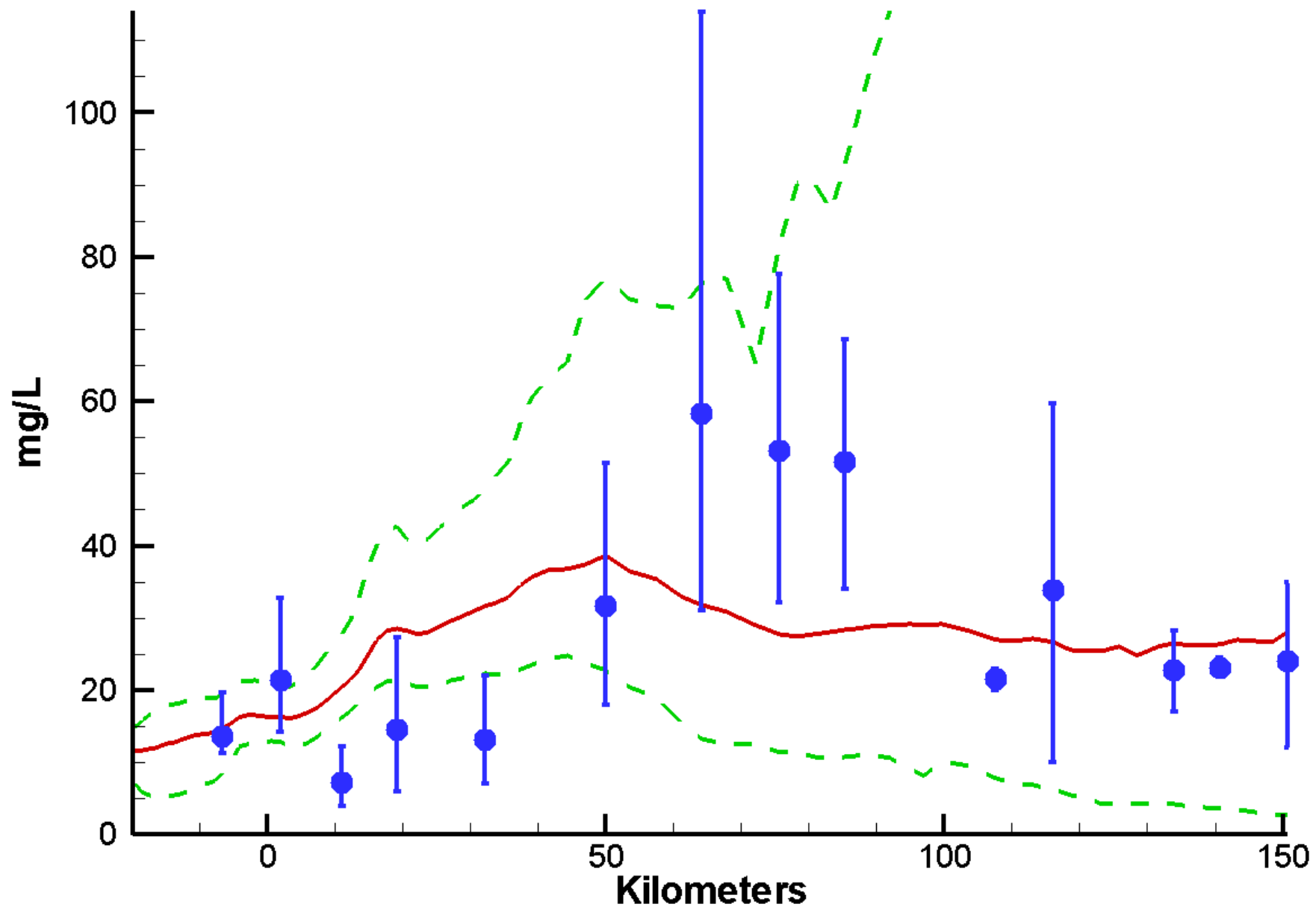
# James River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1994



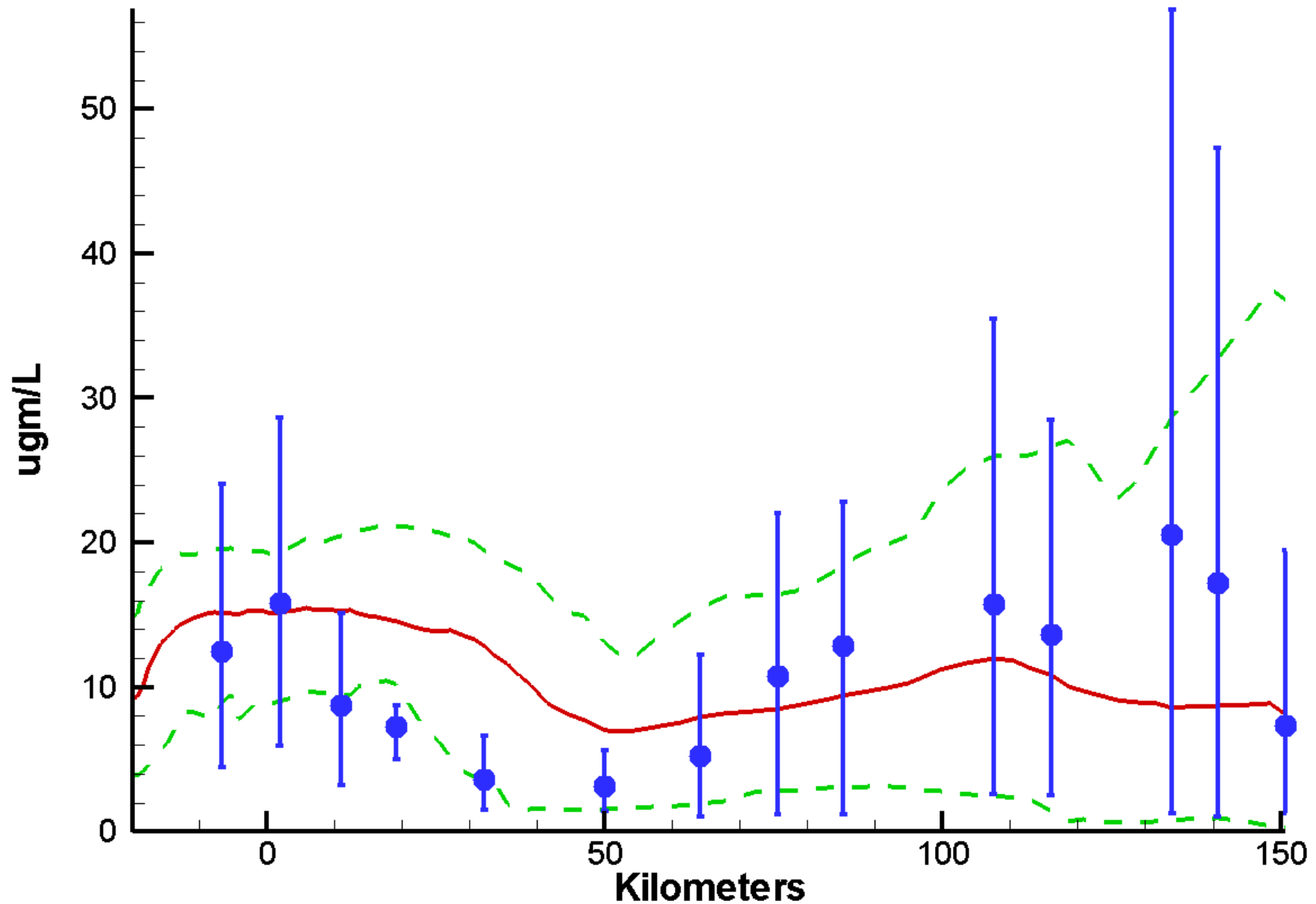
# James River Ches2015 Run118

## Surface Total Suspended Solids Winter 1994



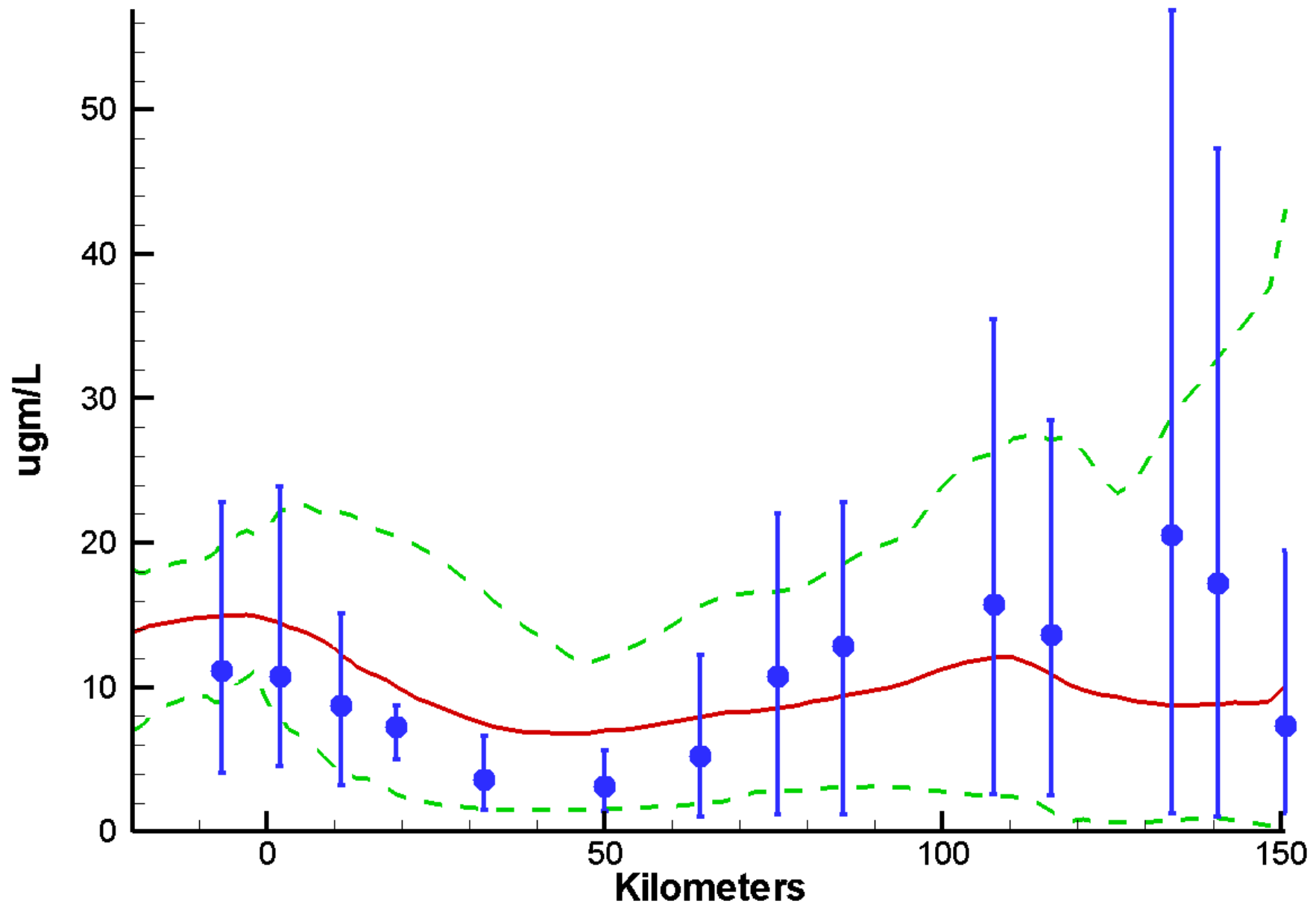
# James River Ches2015 Run118

## Bottom Chlorophyll Spring 1994



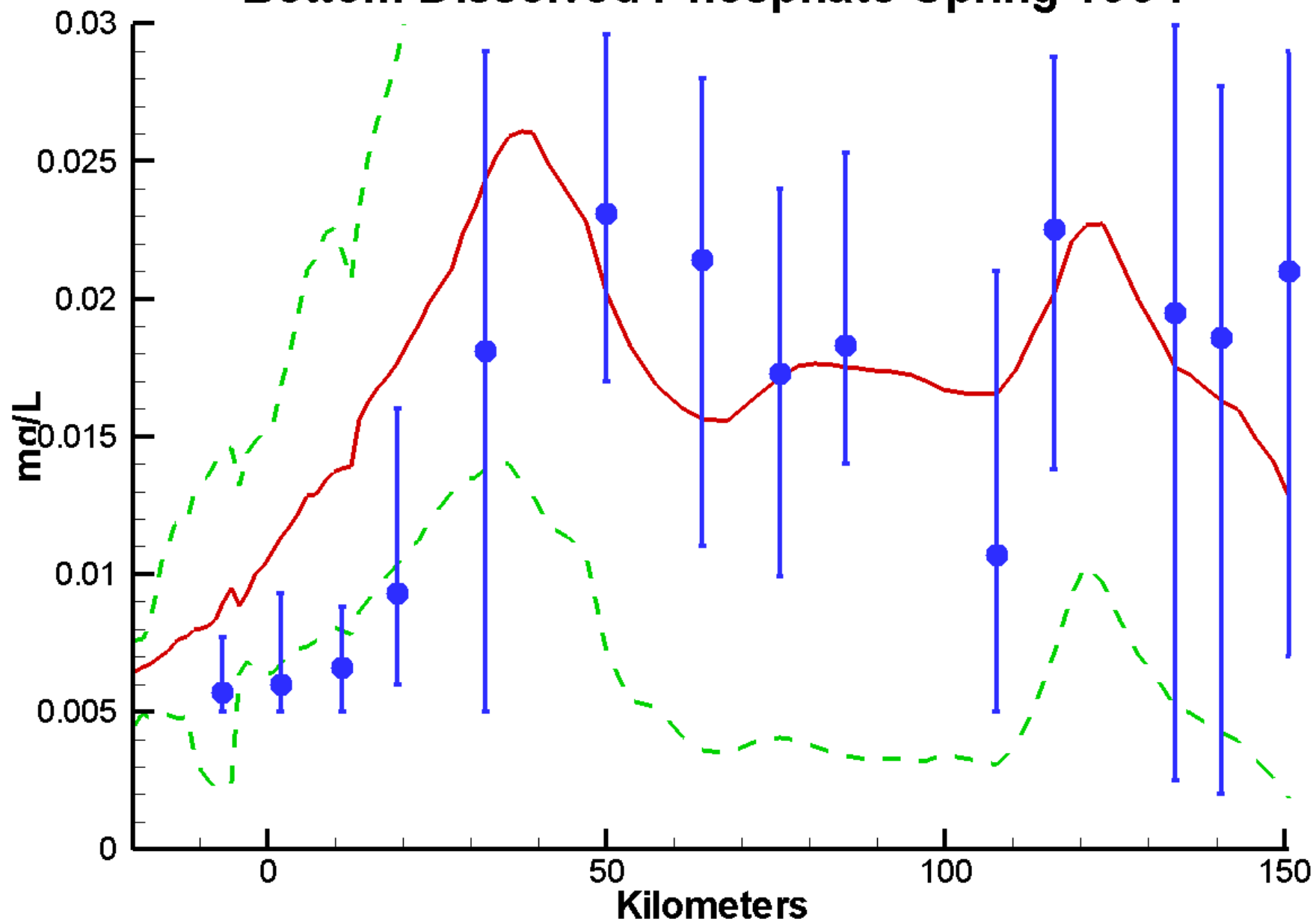
# James River Ches2015 Run118

## Surface Chlorophyll Spring 1994



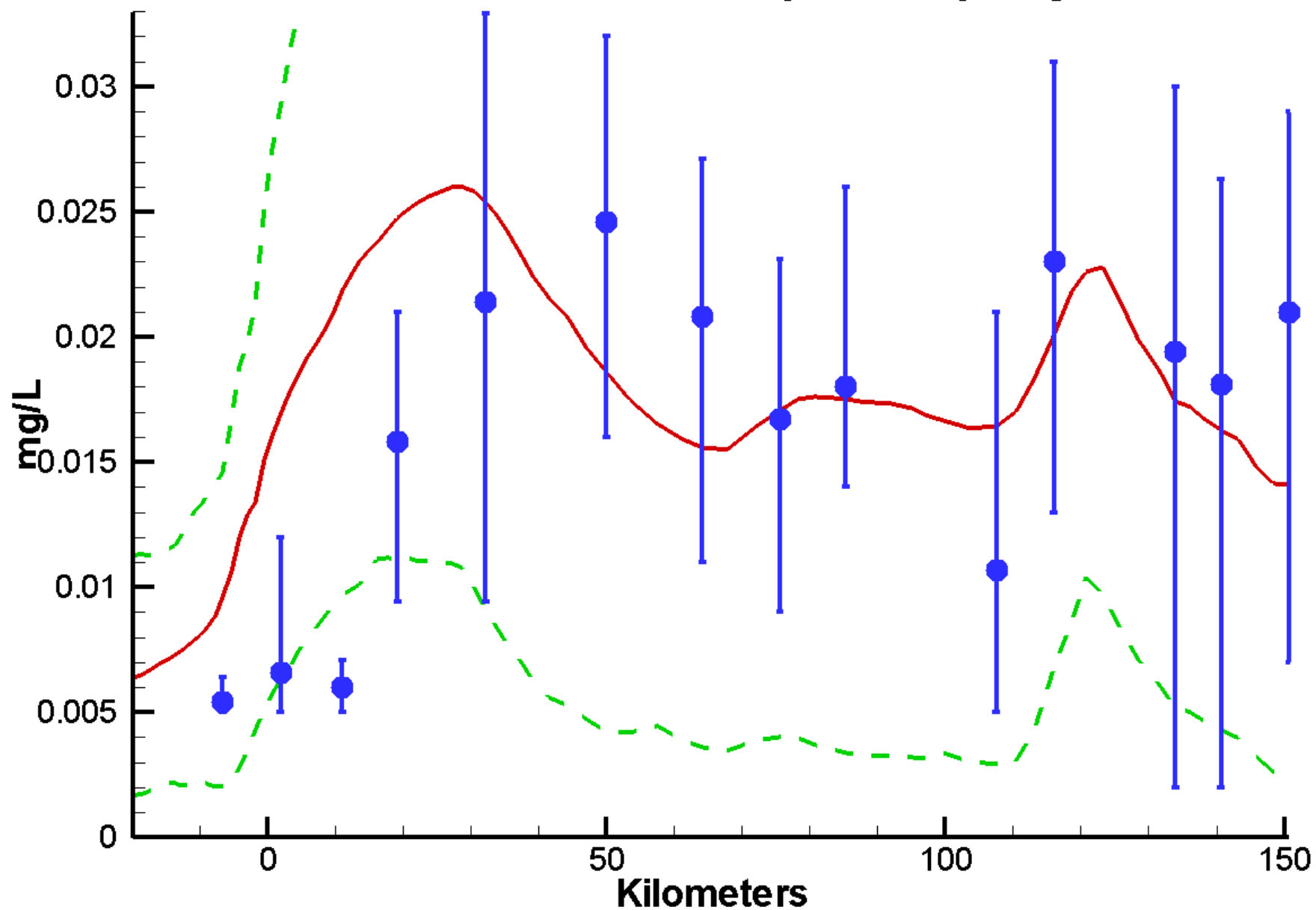
# James River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1994

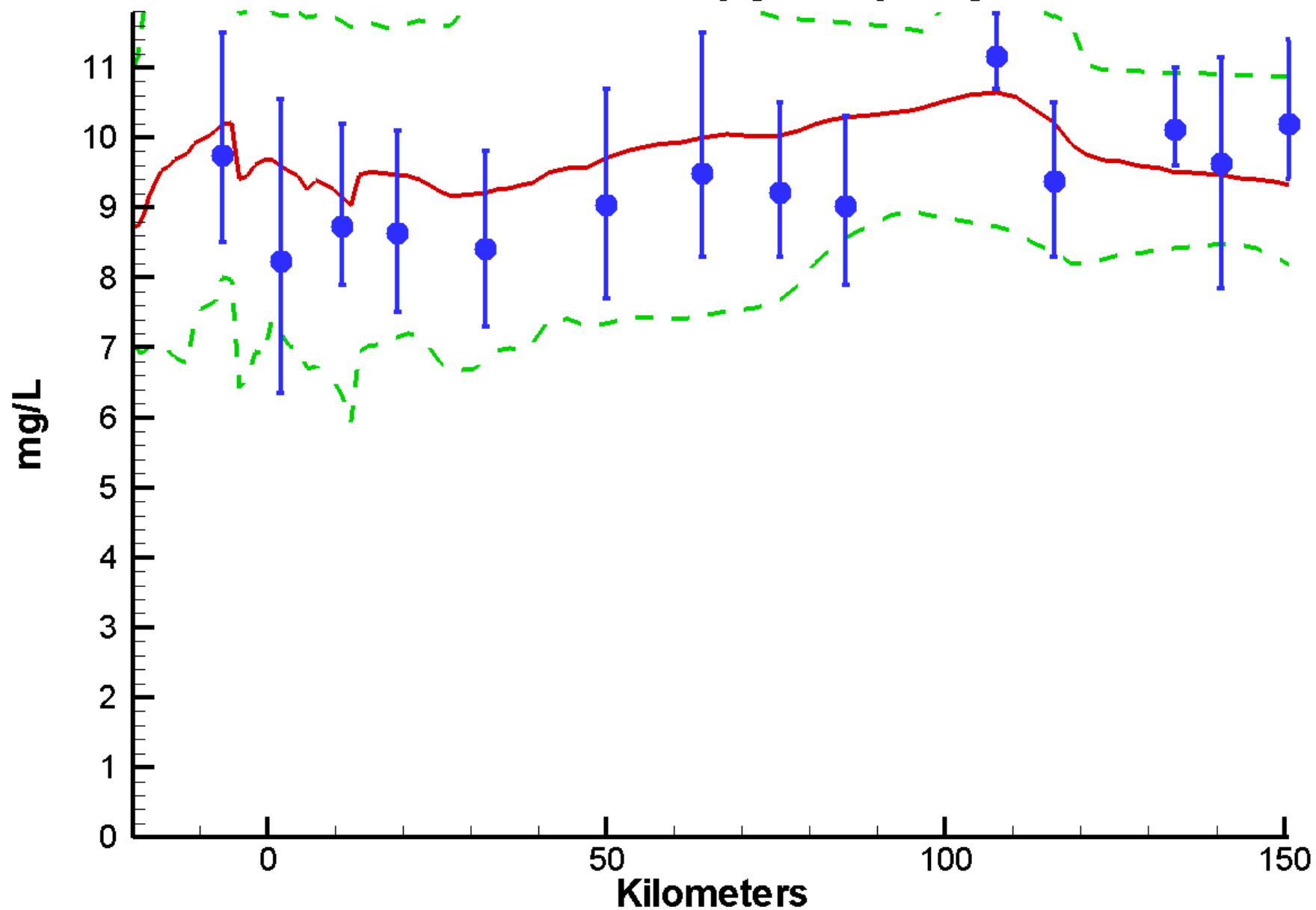


# James River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1994



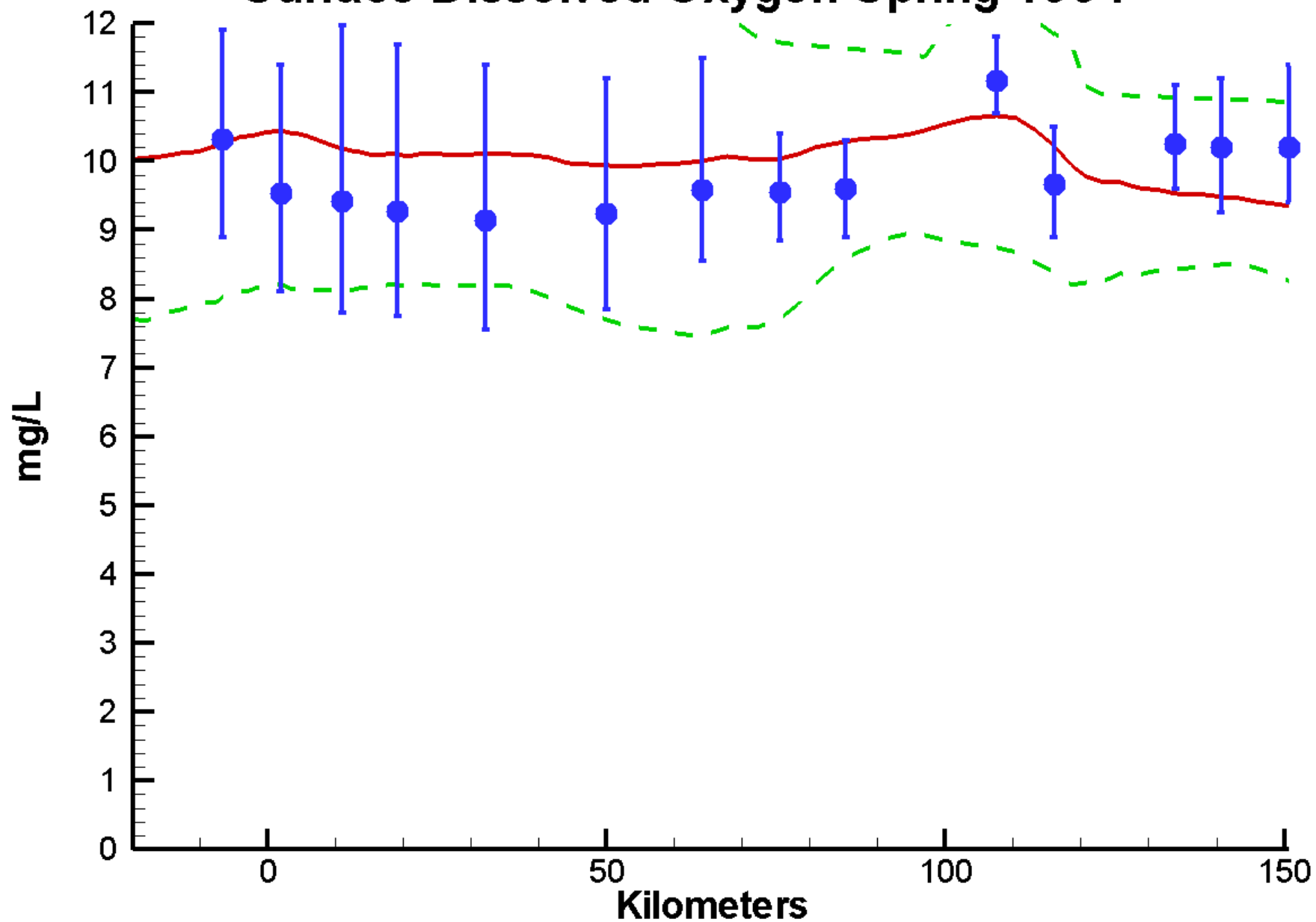
# James River Ches2015 Run118 Bottom Dissolved Oxygen Spring 1994





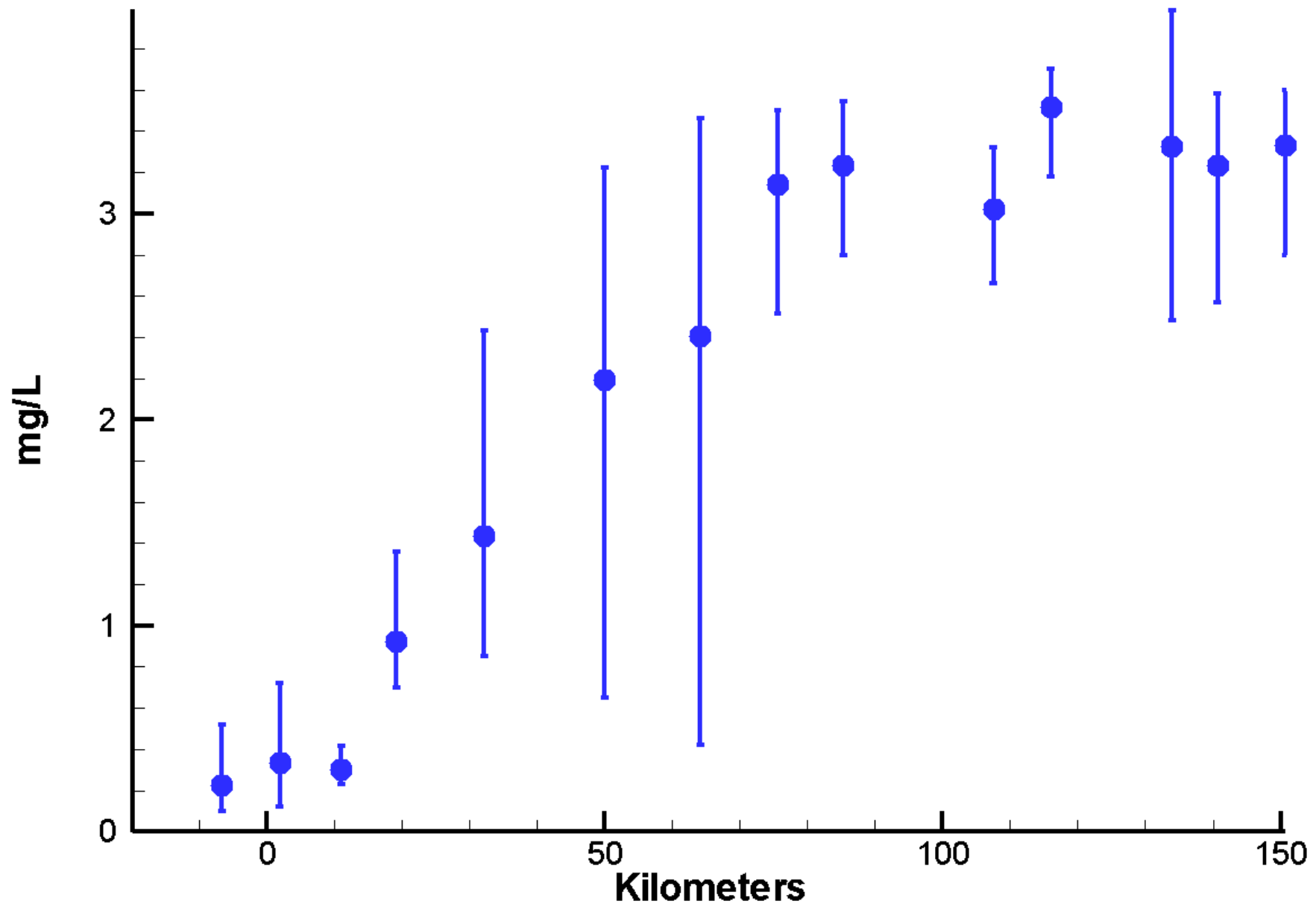
# James River Ches2015 Run118

## Surface Dissolved Oxygen Spring 1994



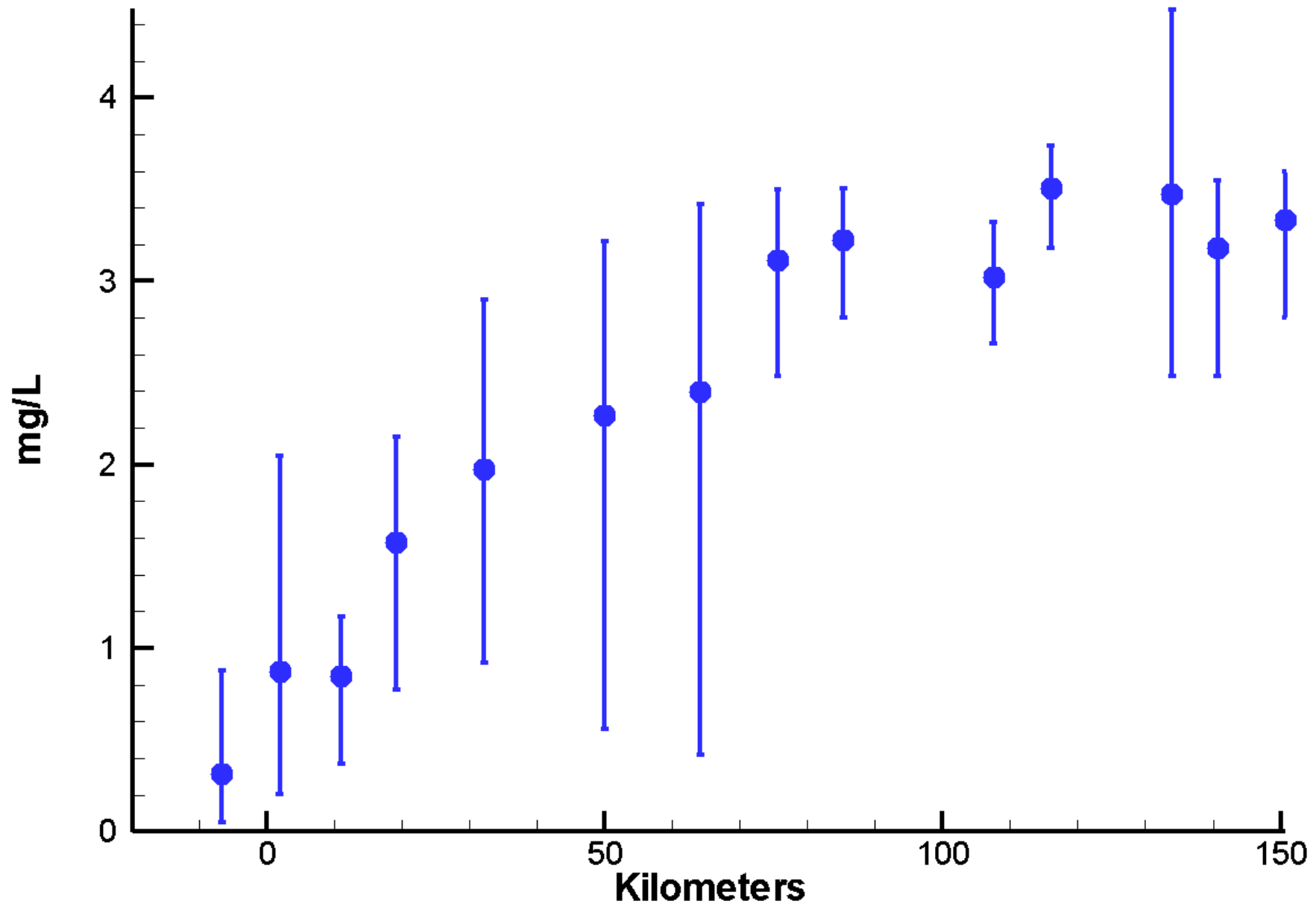
# James River Ches2015 Run118

## Bottom Dissolved Silica Spring 1994



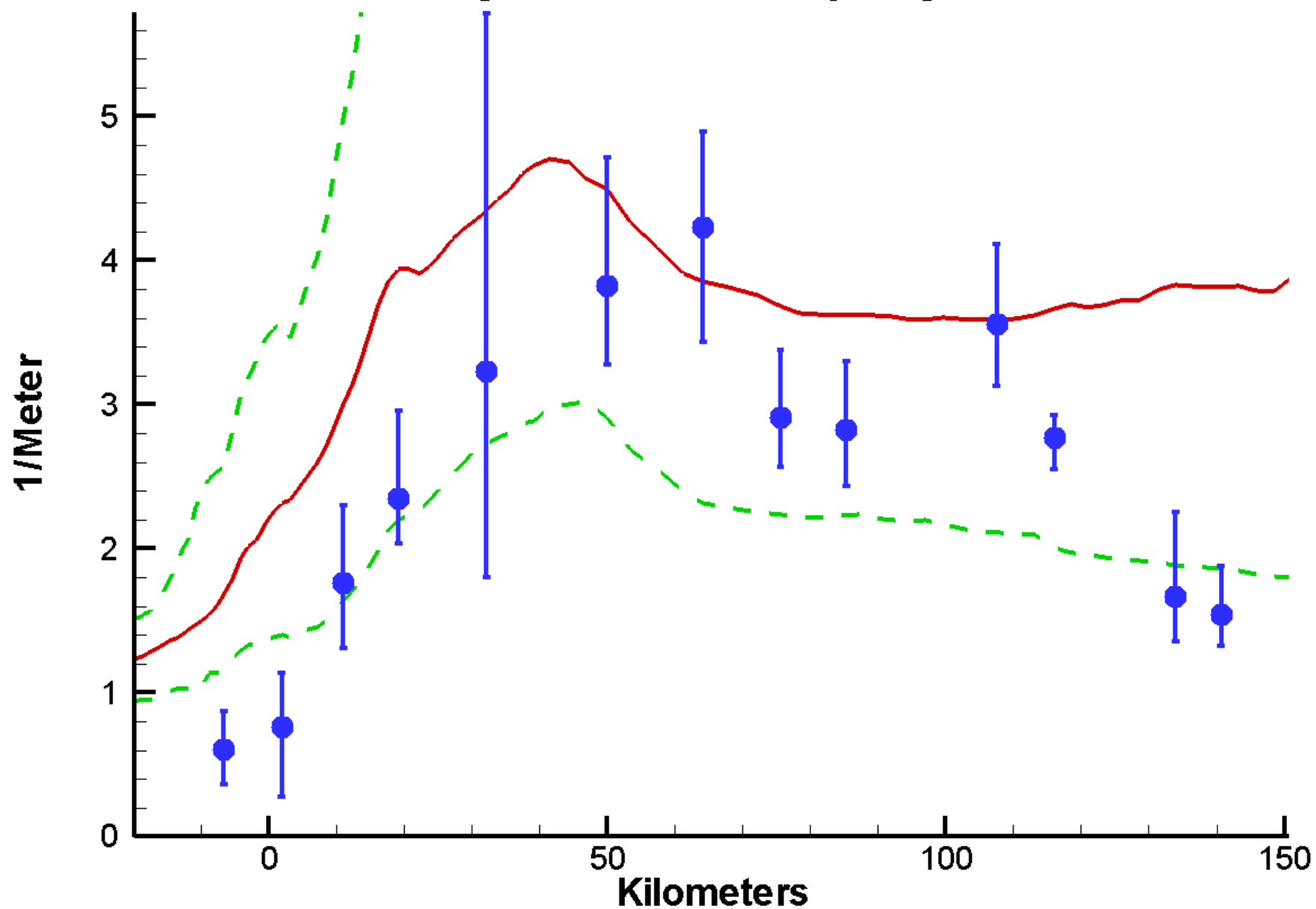
# James River Ches2015 Run118

## Surface Dissolved Silica Spring 1994

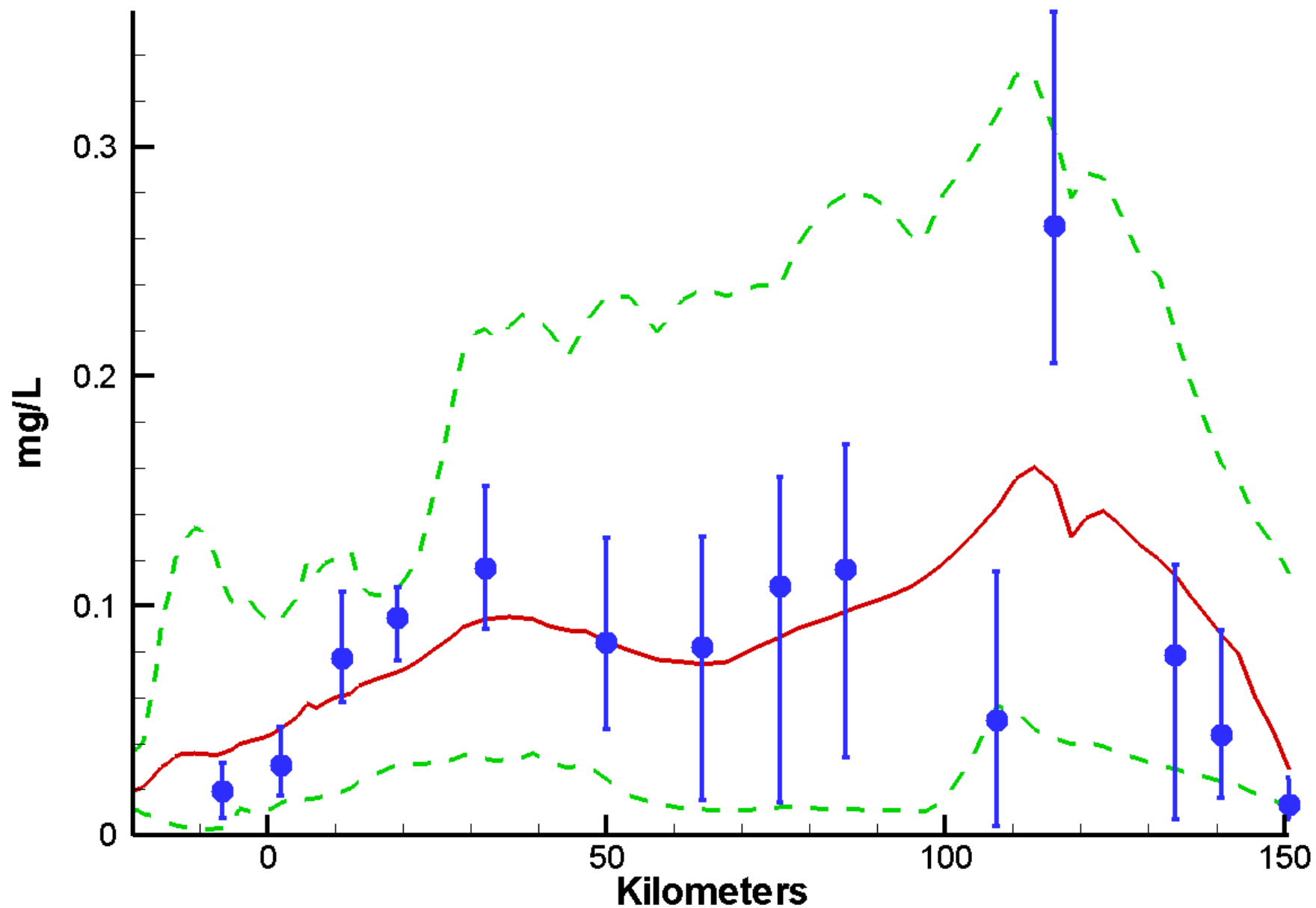


# James River Ches2015 Run118

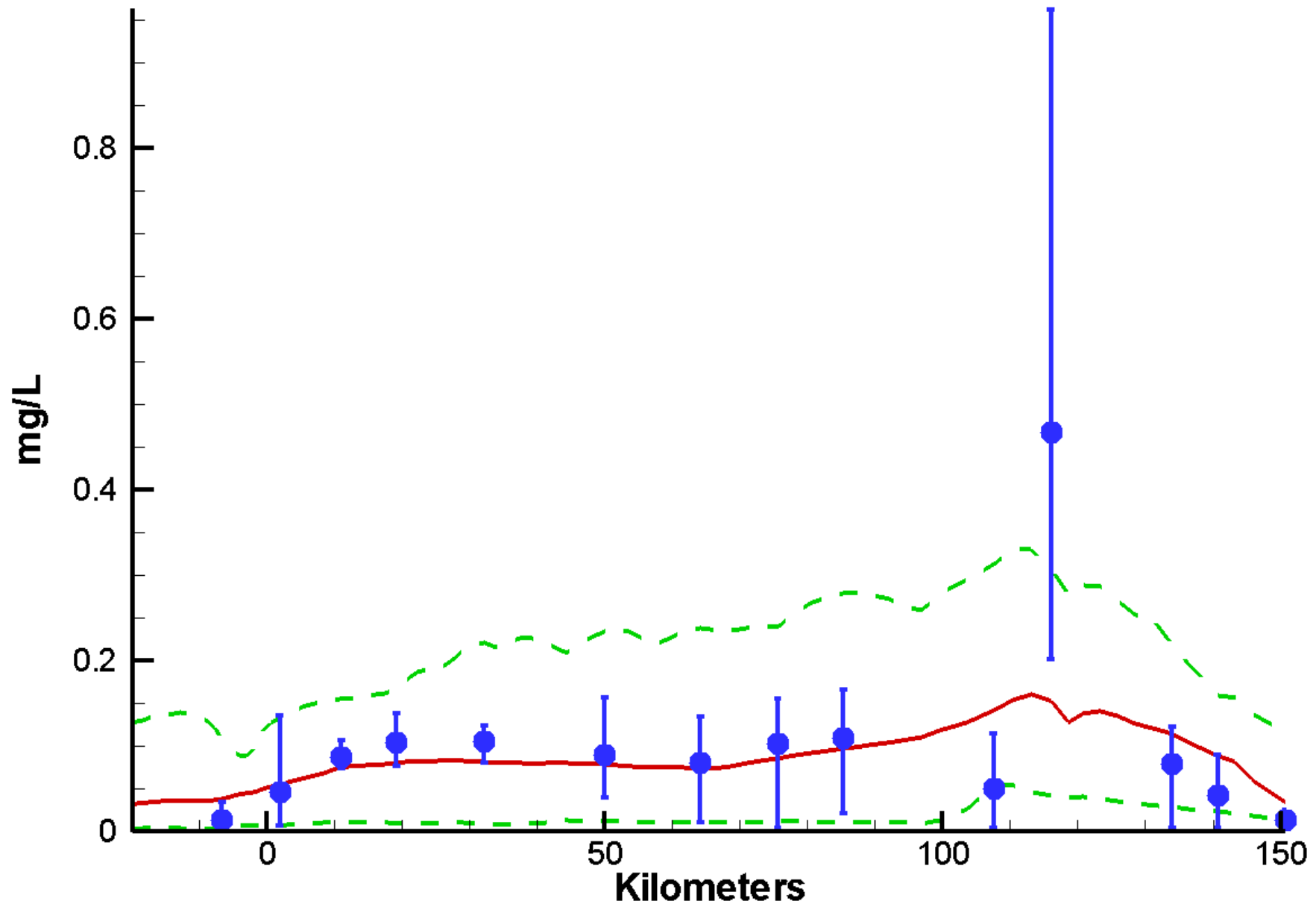
## Surface Light Extinction Spring 1994



# James River Ches2015 Run118 Bottom Ammonium Spring 1994

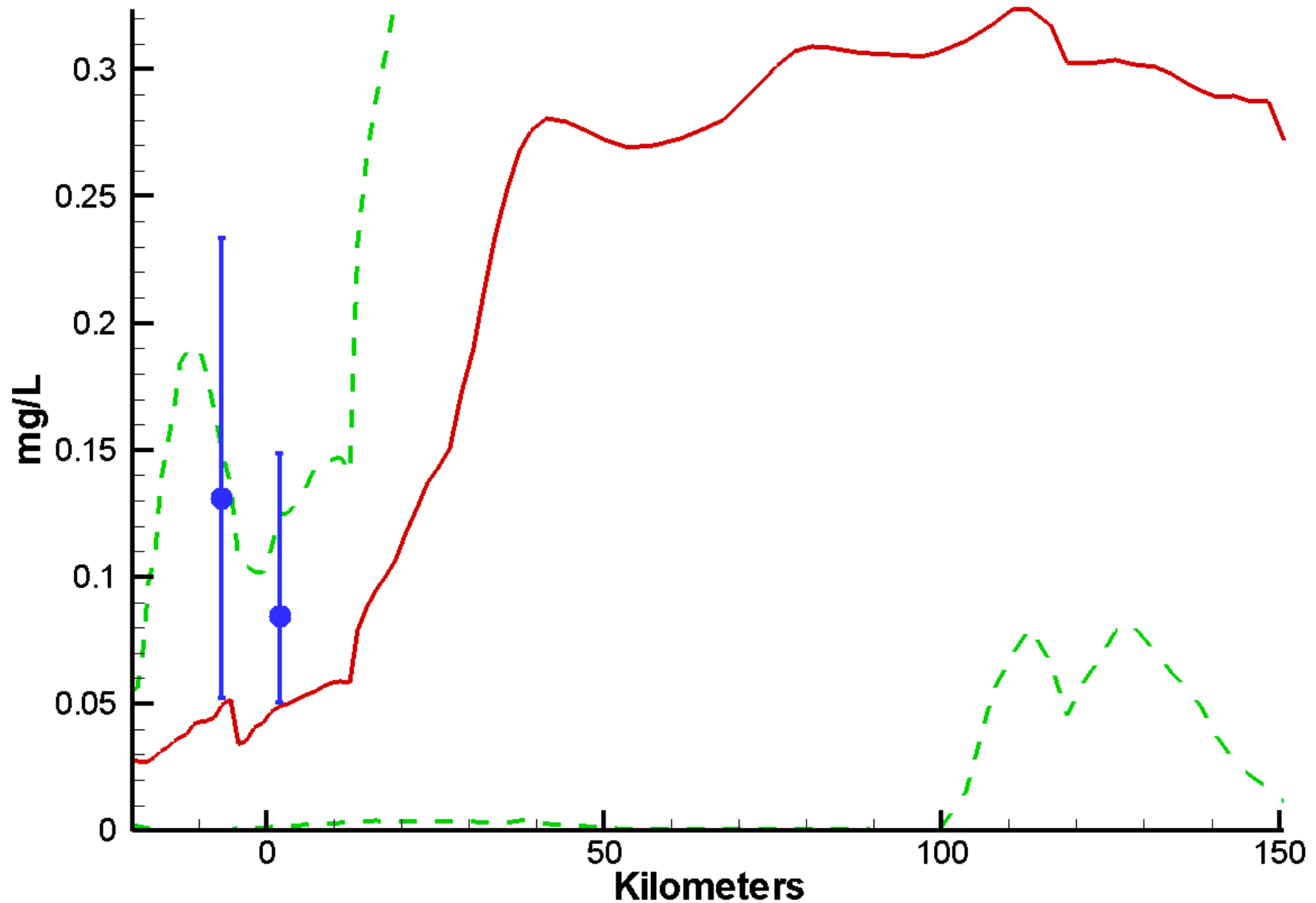


# James River Ches2015 Run118 Surface Ammonium Spring 1994



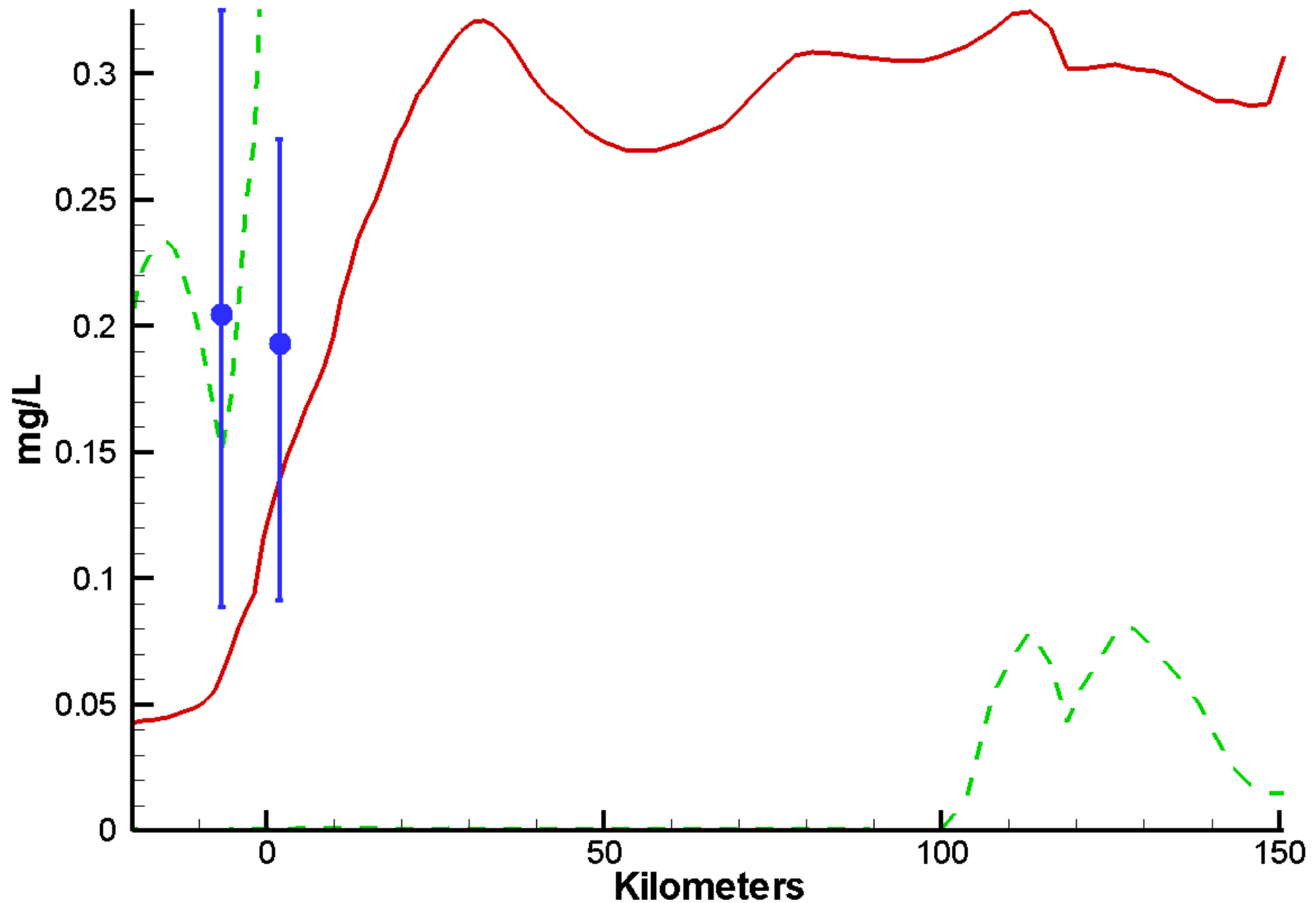
# James River Ches2015 Run118

## Bottom Nitrate Spring 1994



# James River Ches2015 Run118

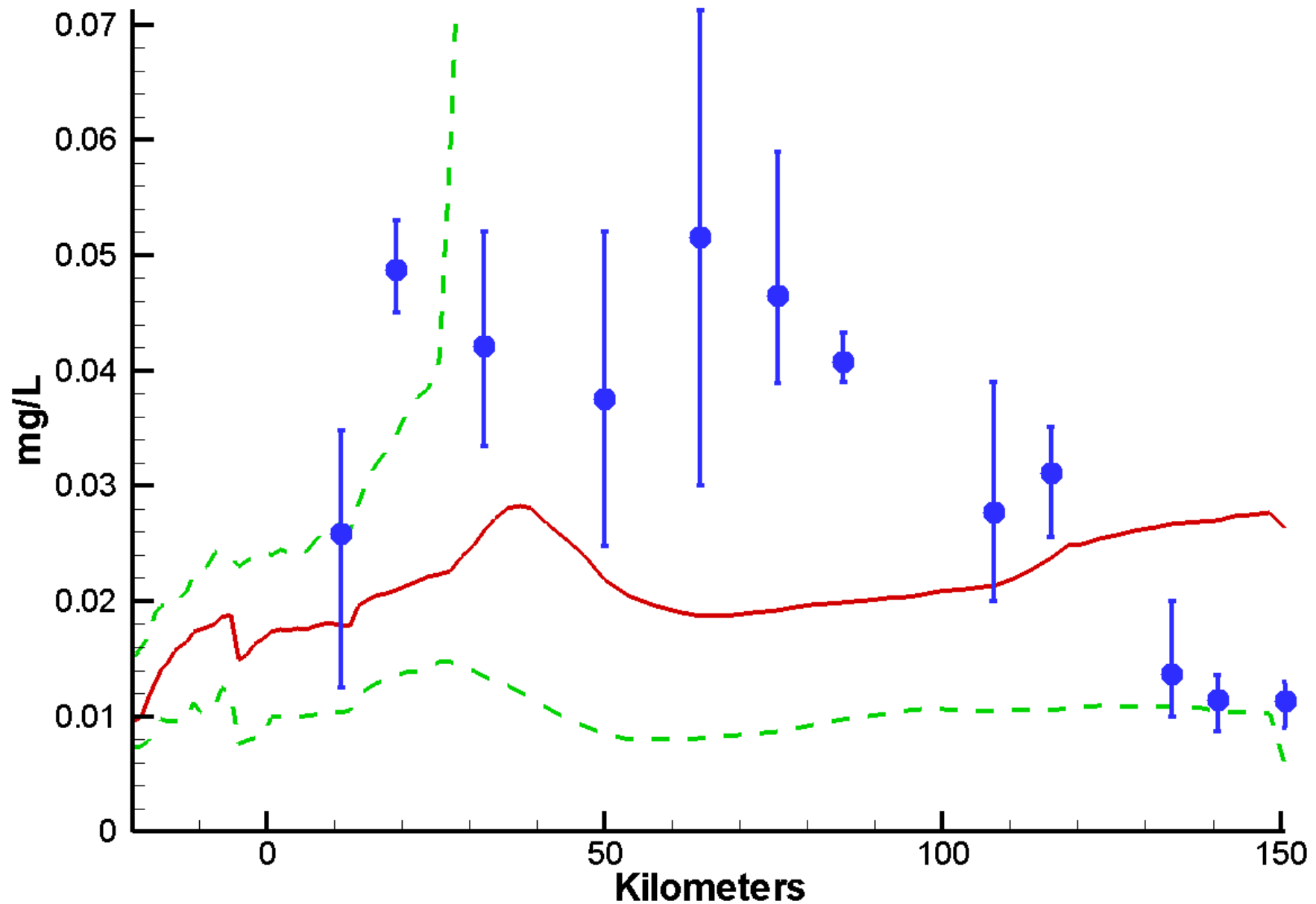
## Surface Nitrate Spring 1994





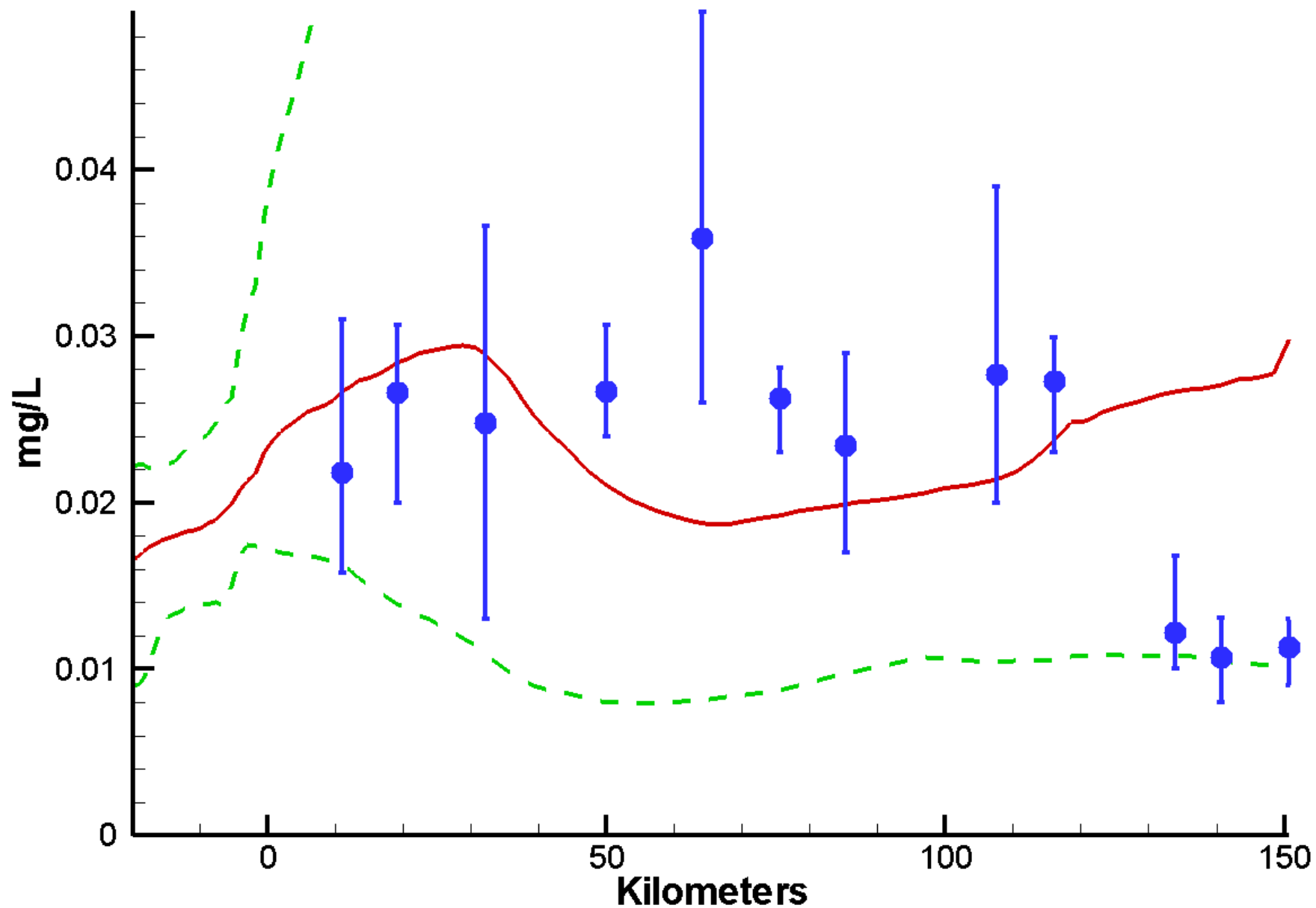
# James River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1994



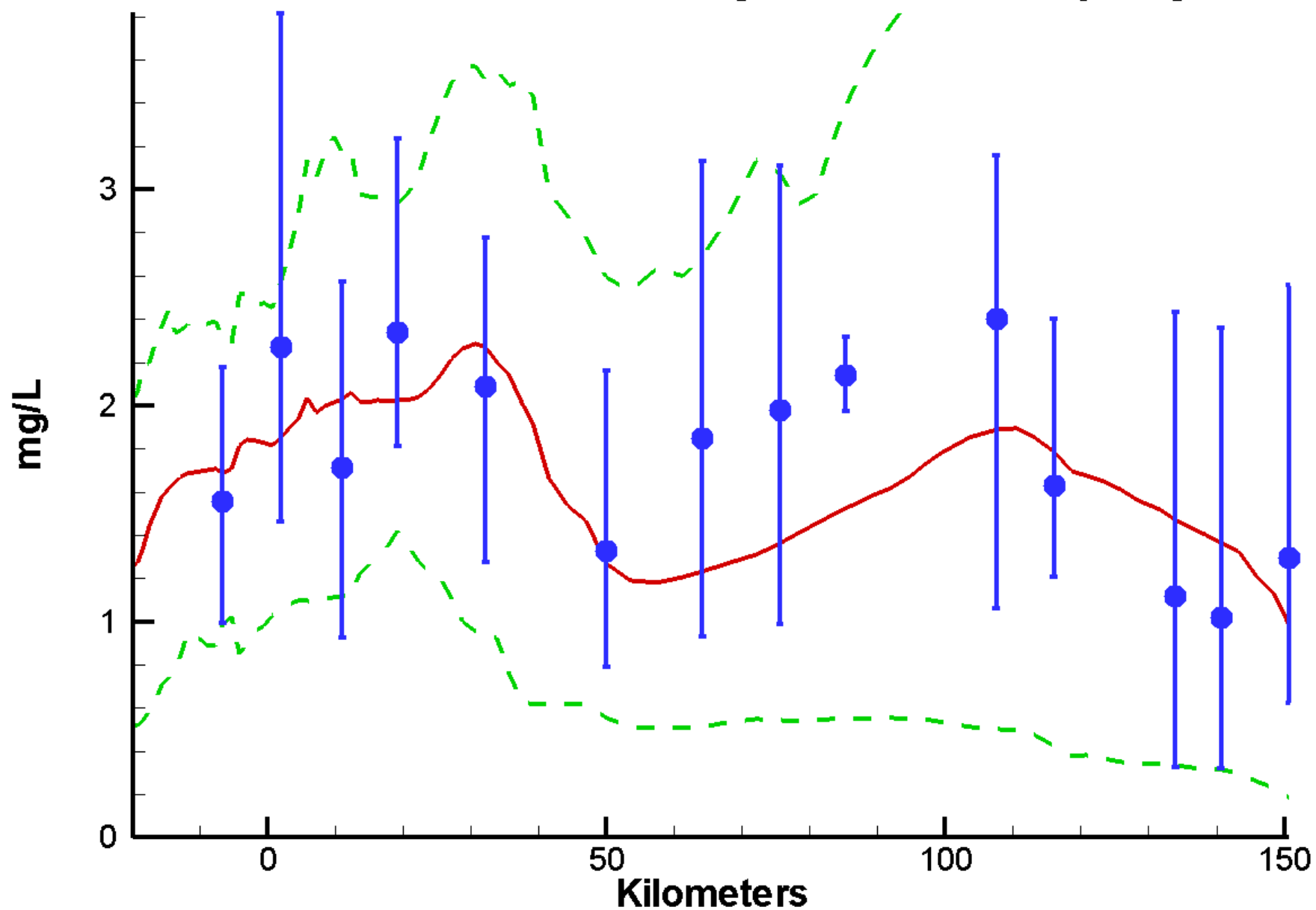
# James River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1994



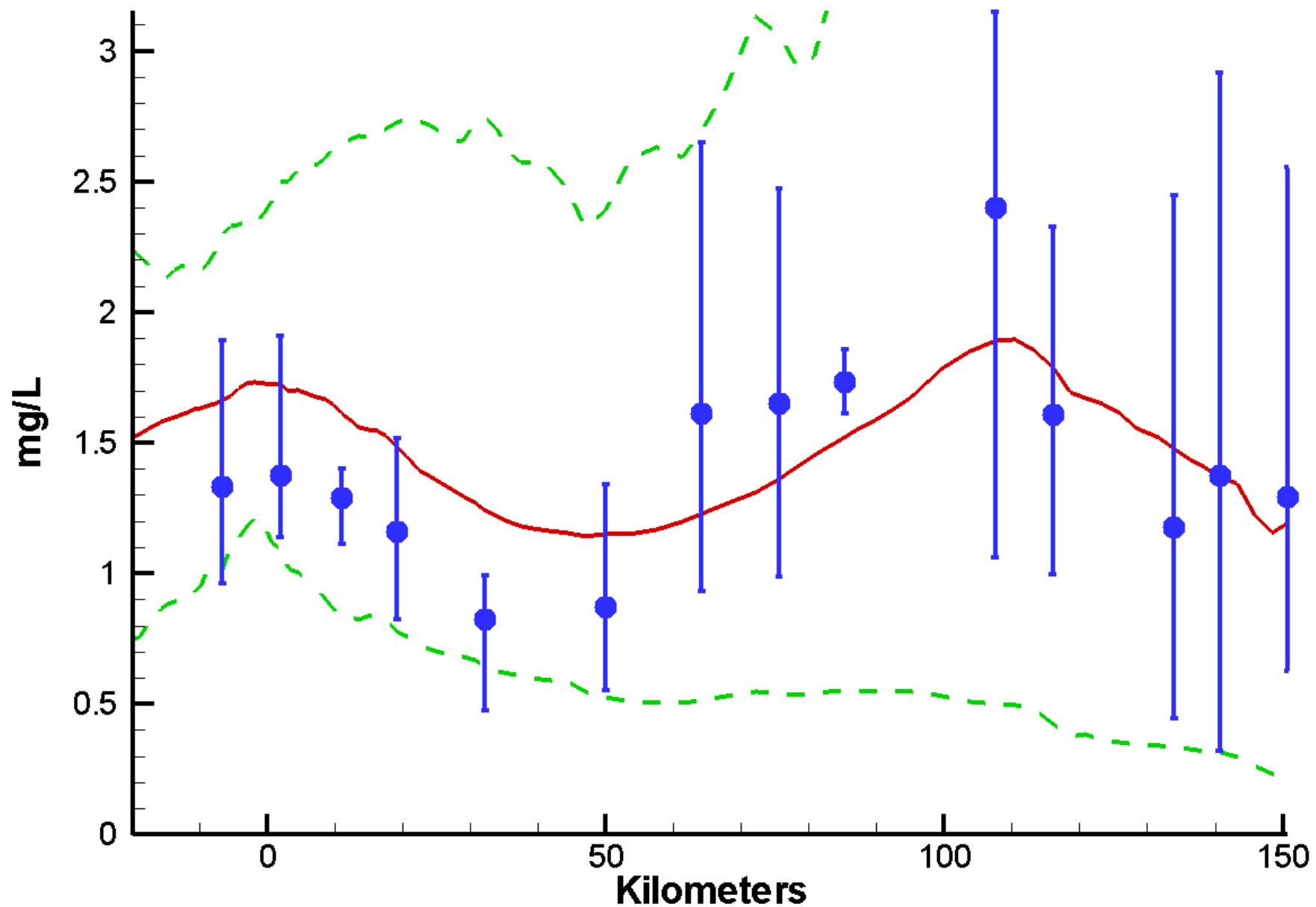
# James River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1994



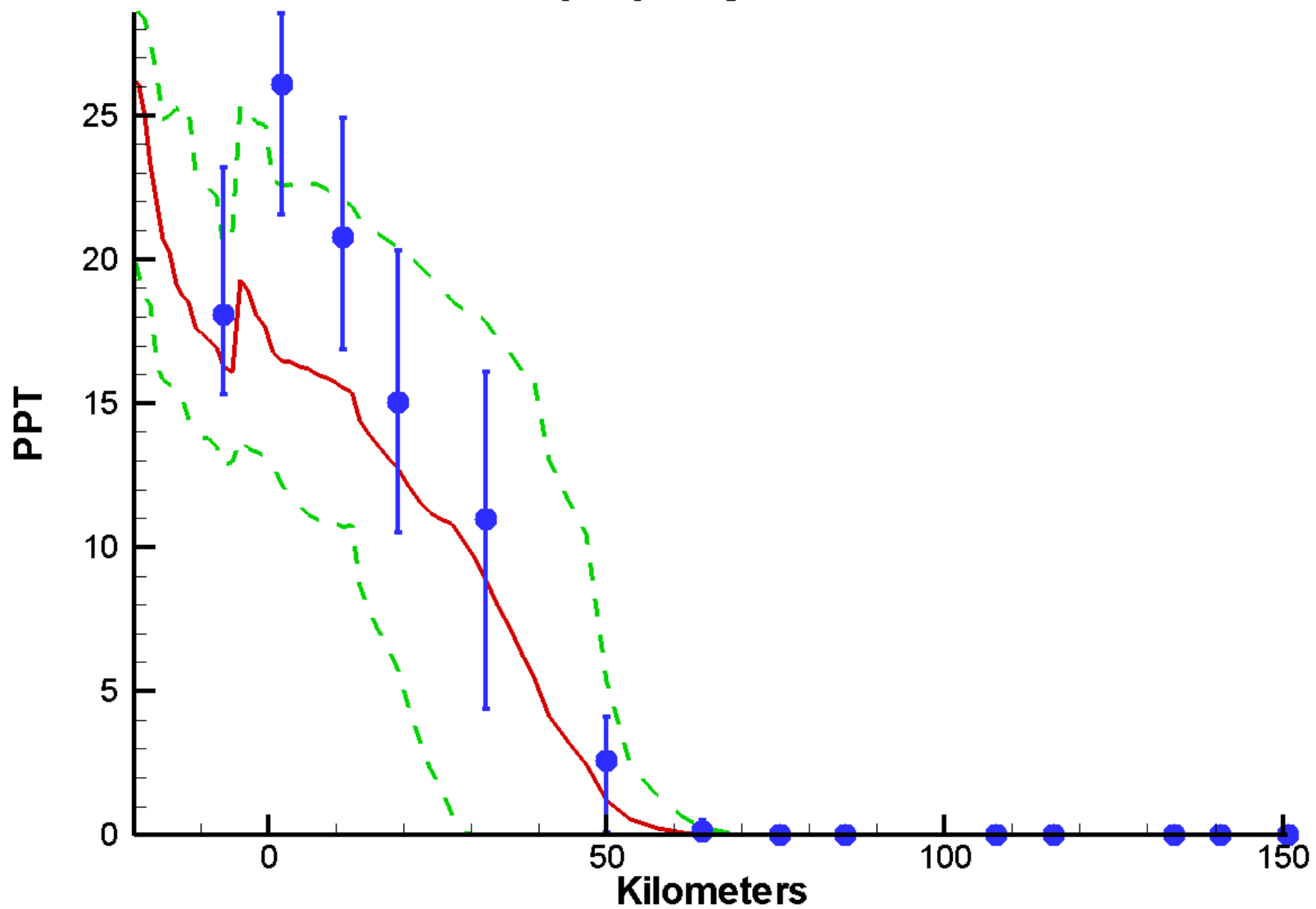
# James River Ches2015 Run118

## Surface Particulate Organic Carbon Spring 1994



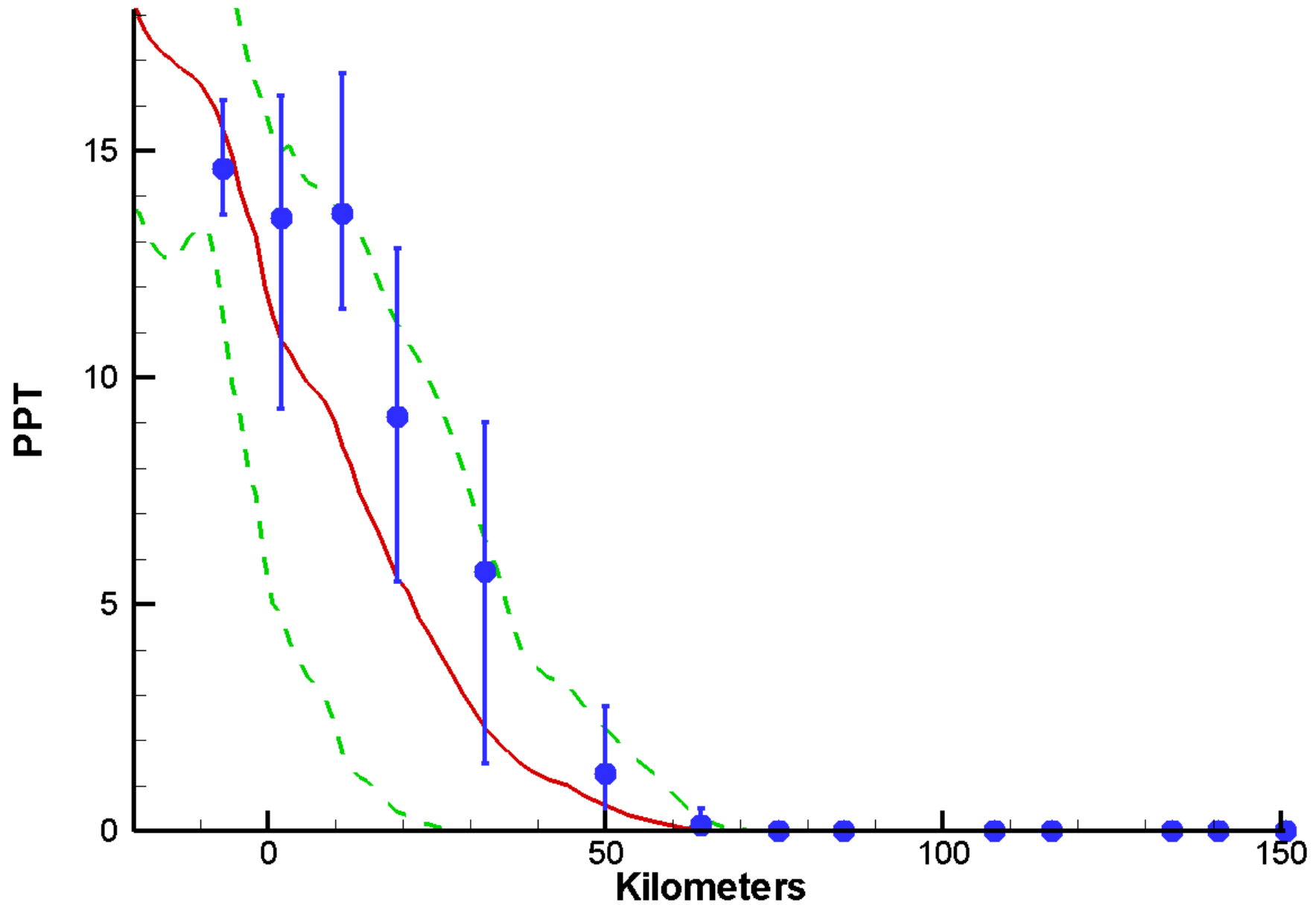
# James River Ches2015 Run118

## Bottom Salinity Spring 1994



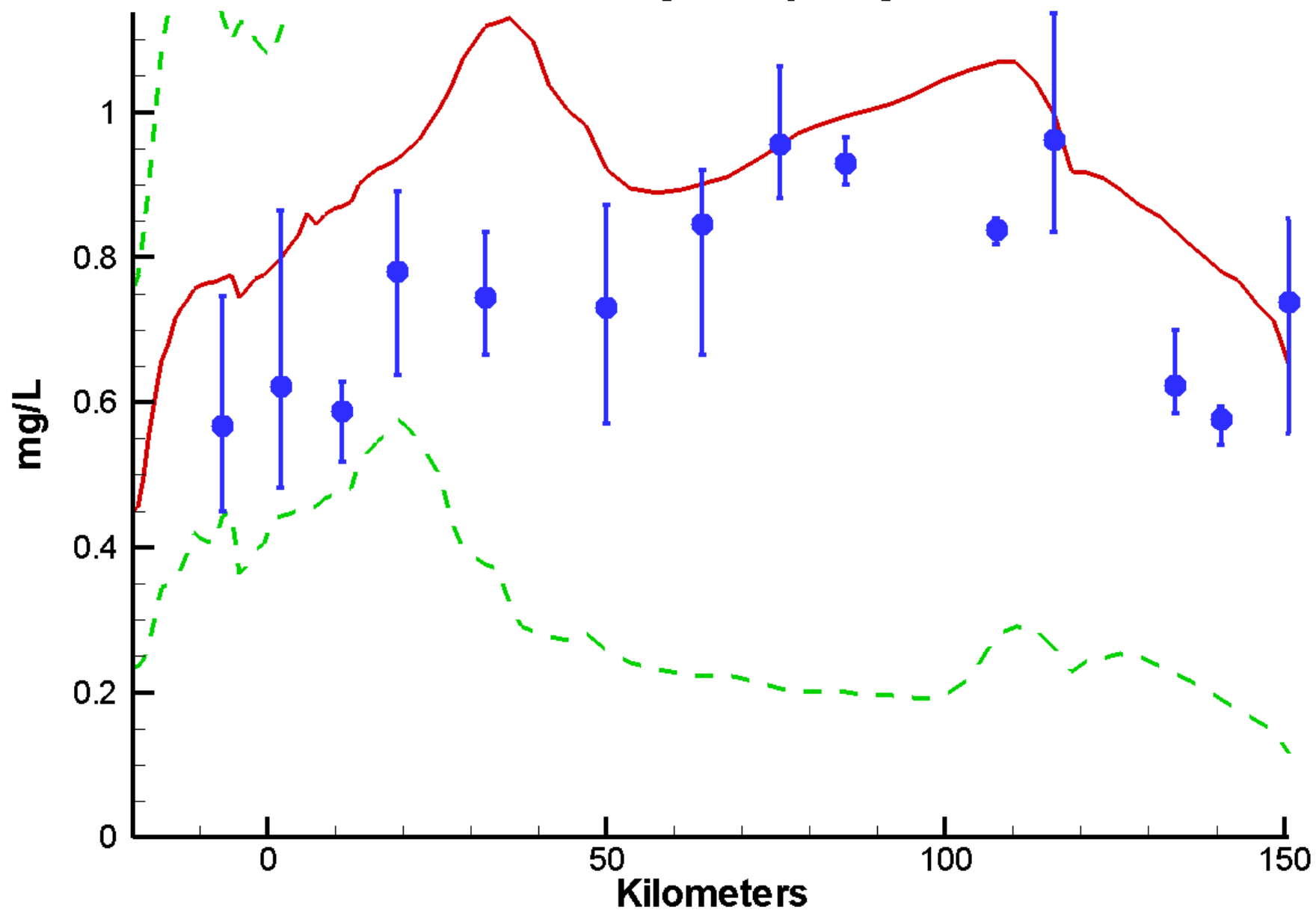
# James River Ches2015 Run118

## Surface Salinity Spring 1994



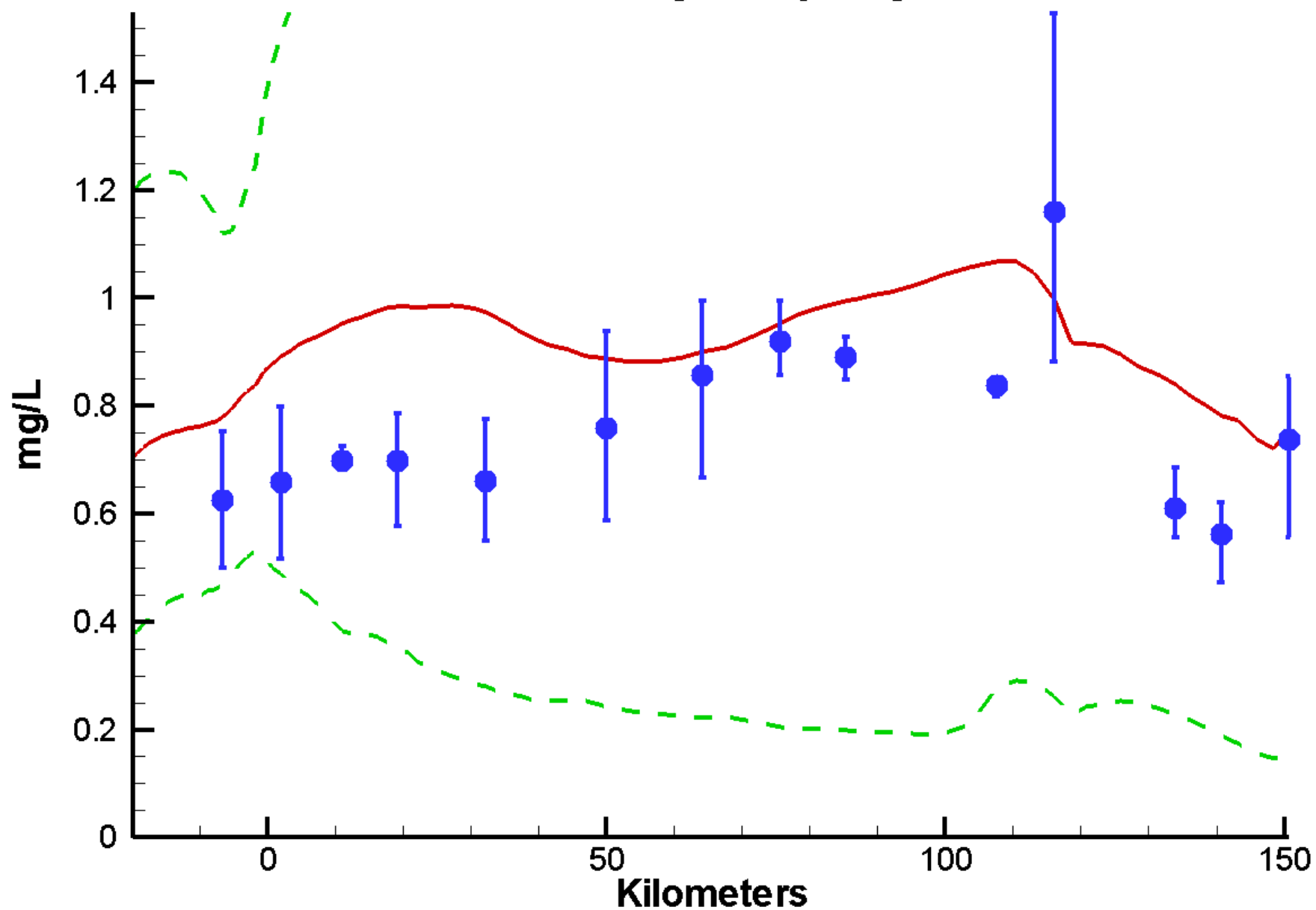
# James River Ches2015 Run118

## Bottom Total Nitrogen Spring 1994



# James River Ches2015 Run118

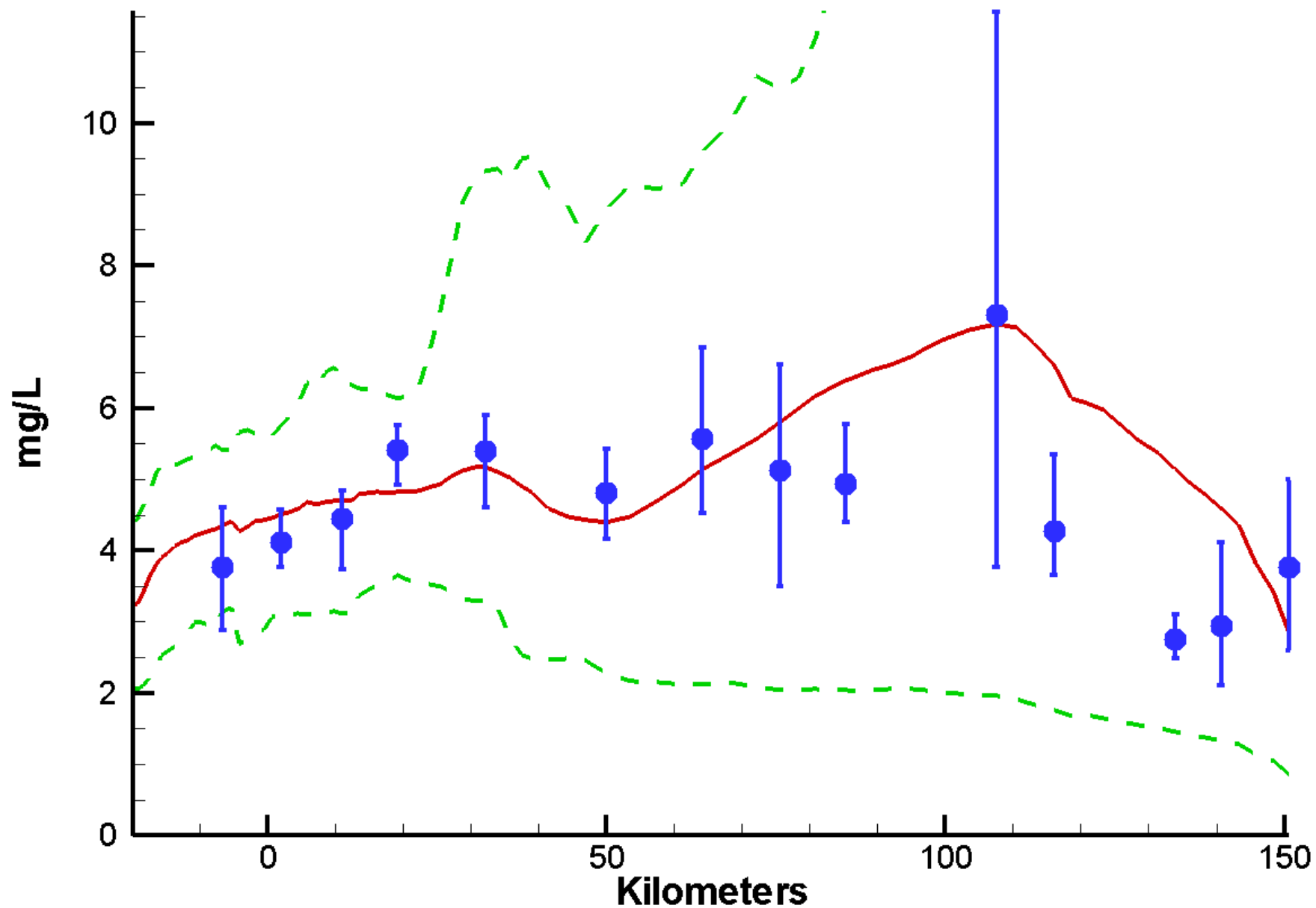
## Surface Total Nitrogen Spring 1994





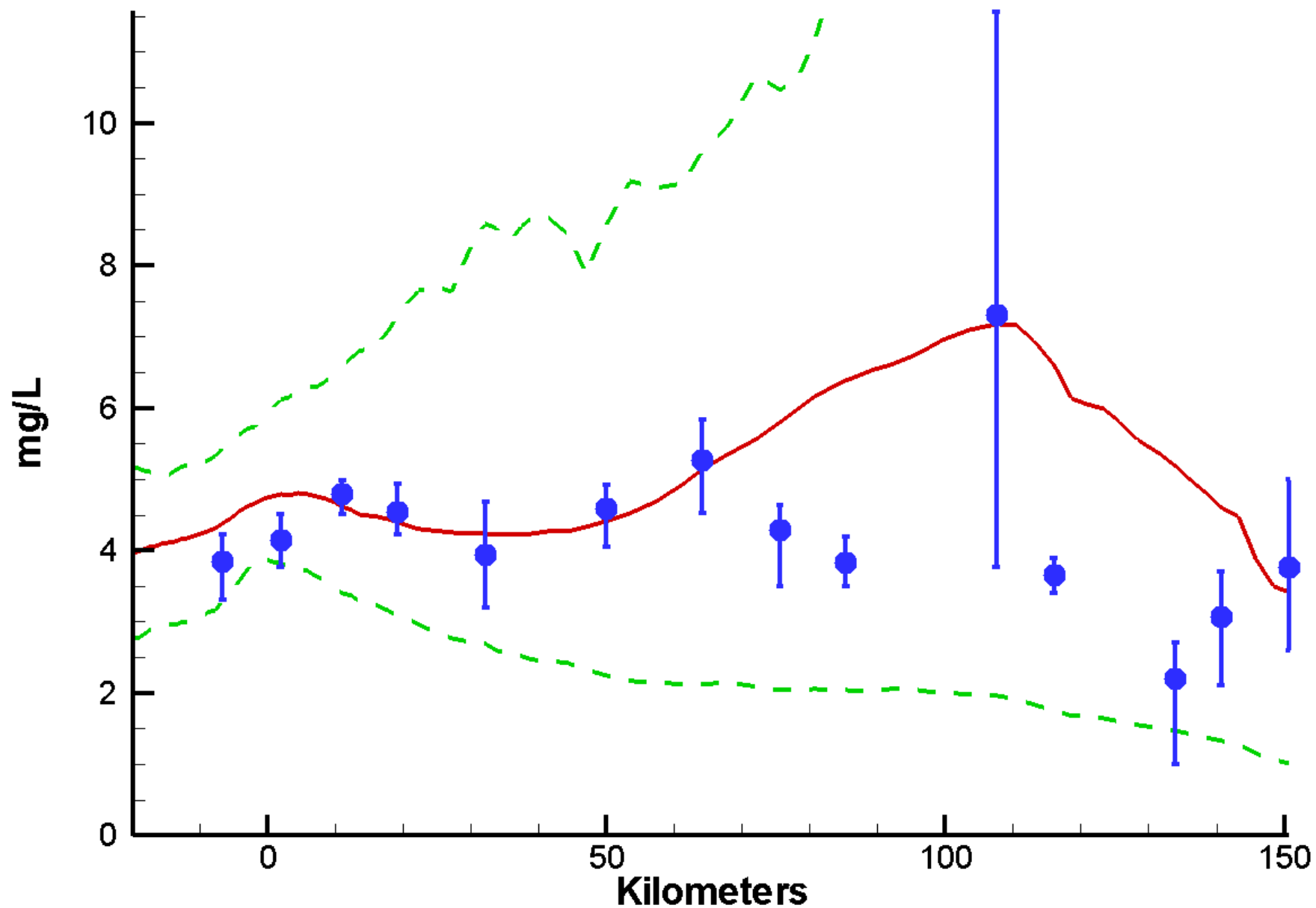
# James River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1994



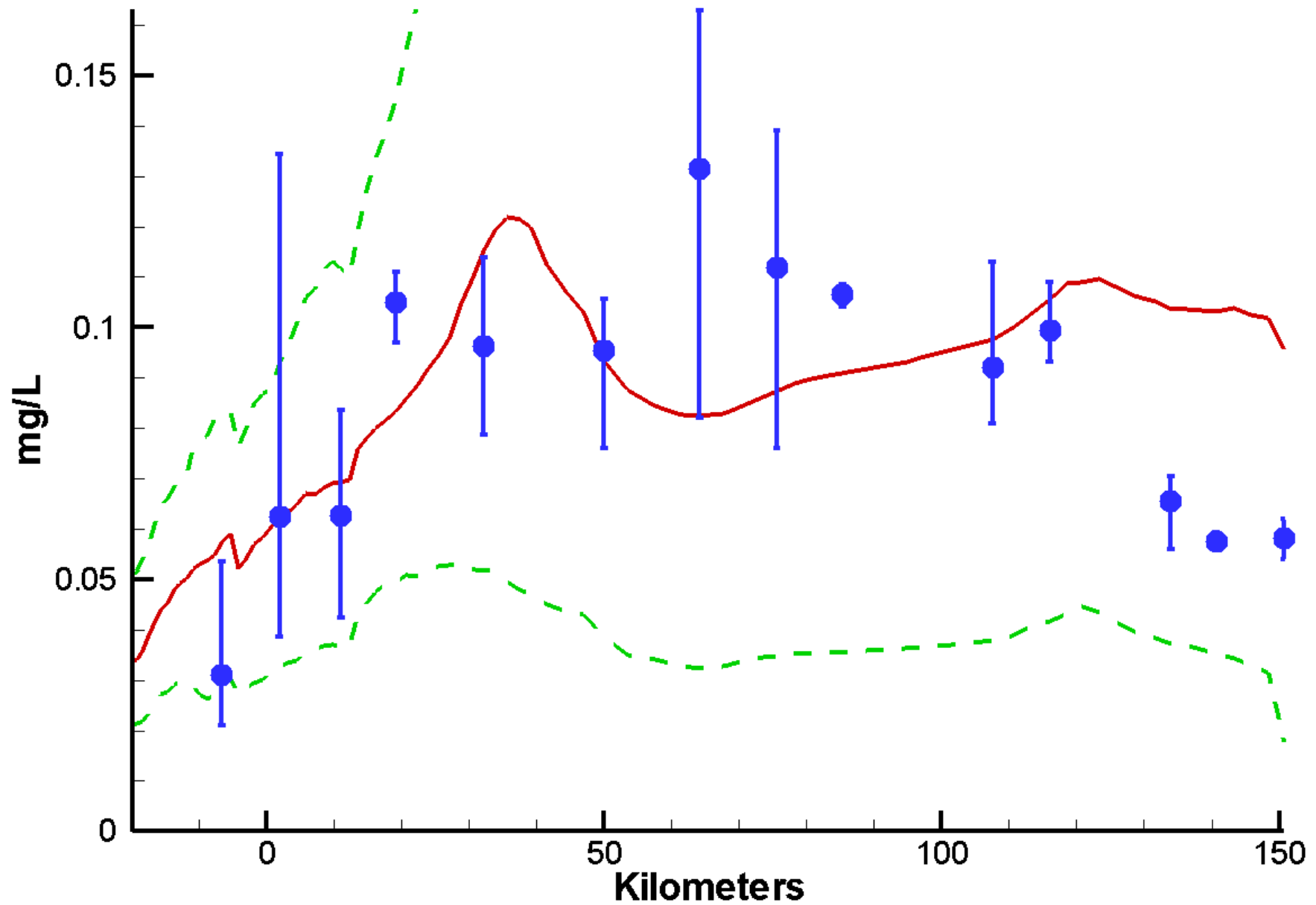
# James River Ches2015 Run118

## Surface Total Organic Carbon Spring 1994



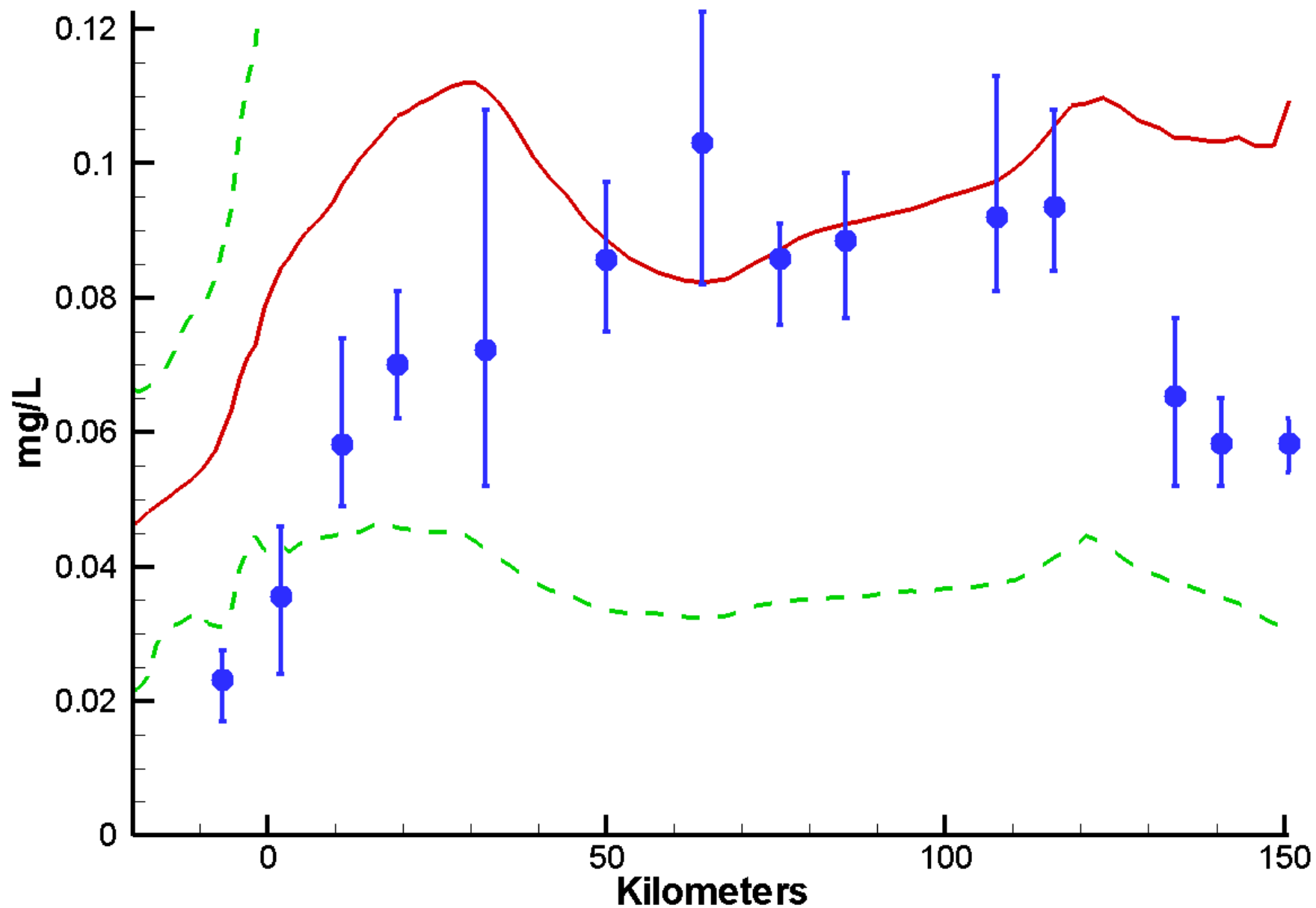
# James River Ches2015 Run118

## Bottom Total Phosphorus Spring 1994



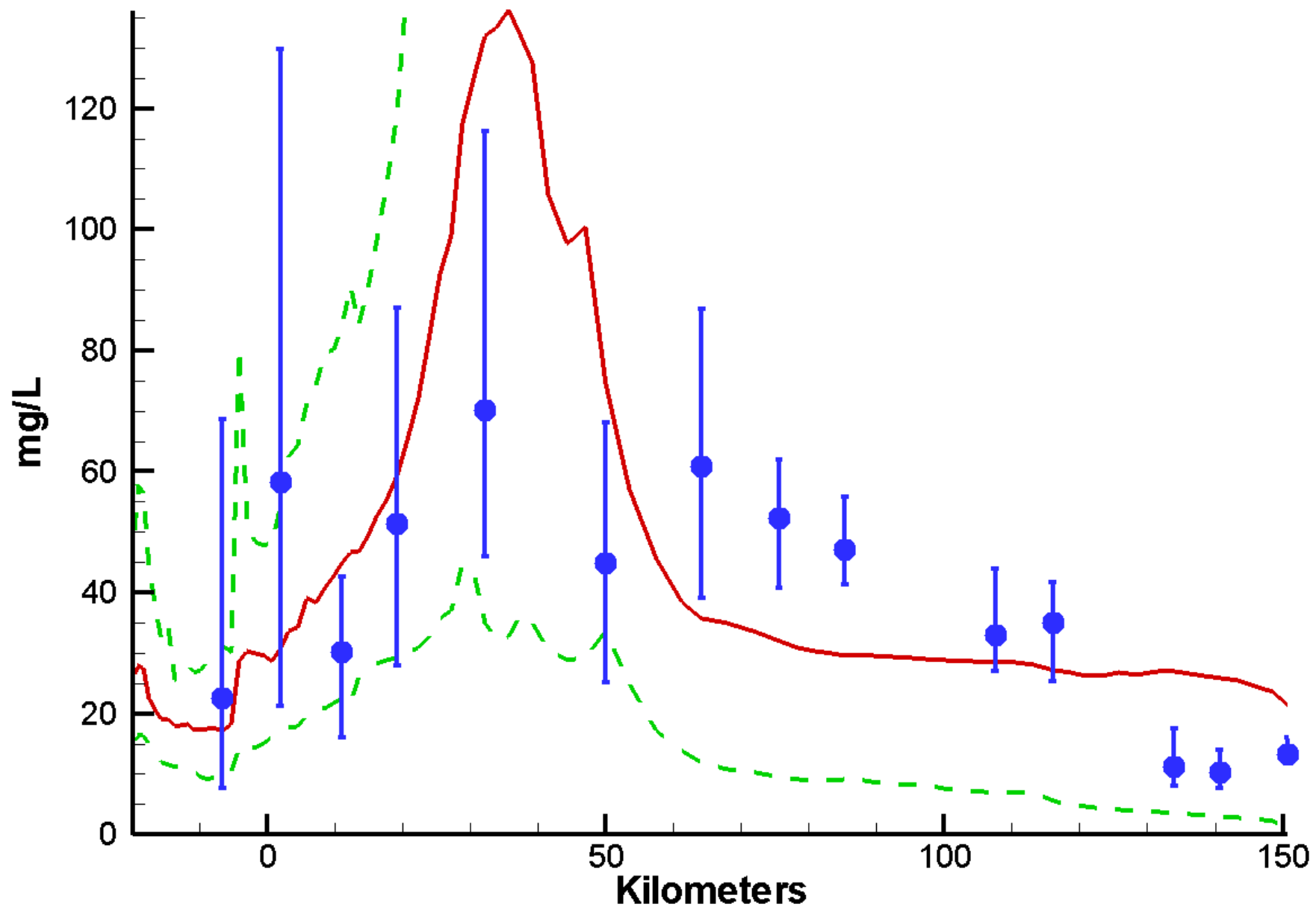
# James River Ches2015 Run118

## Surface Total Phosphorus Spring 1994



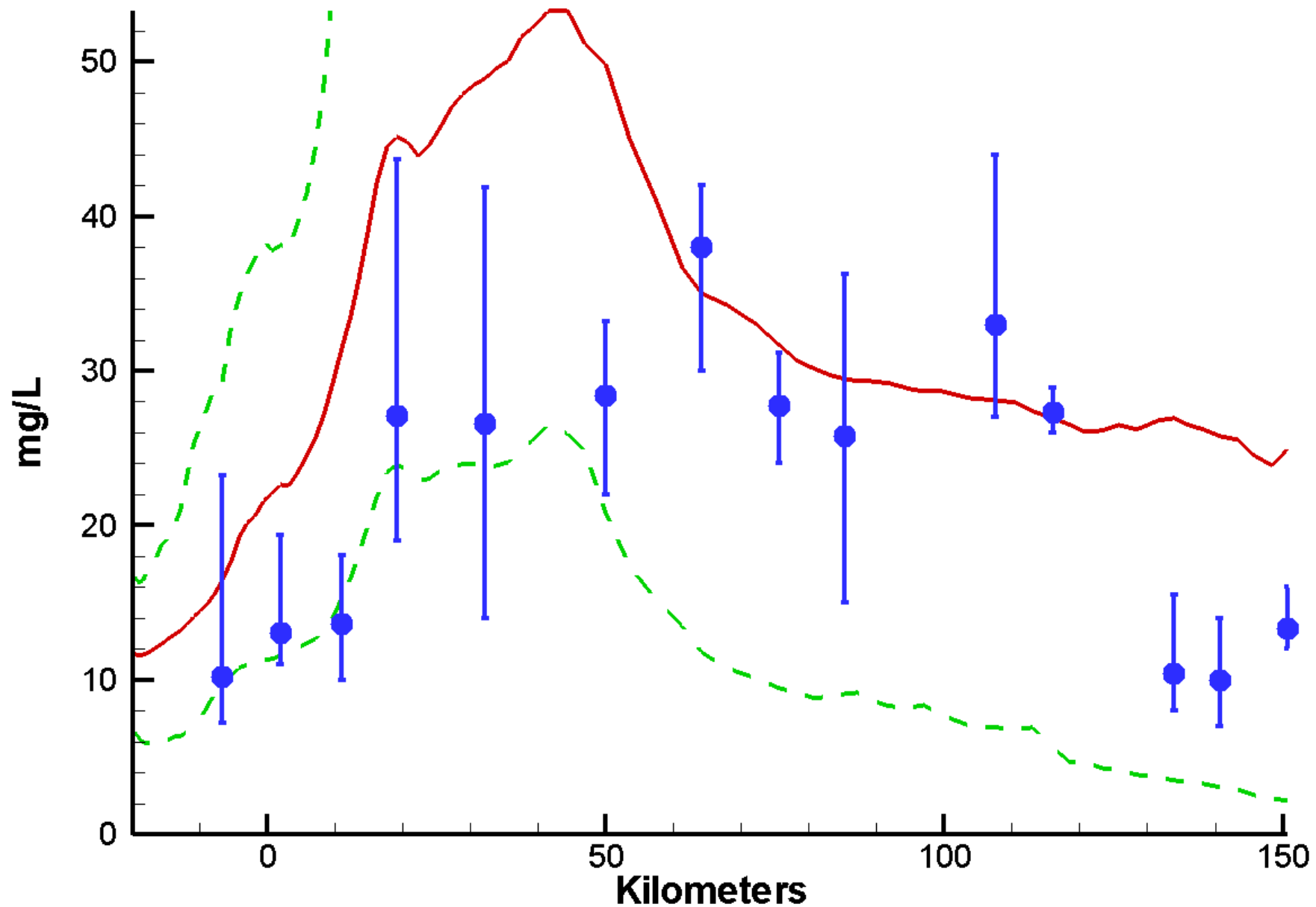
# James River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1994



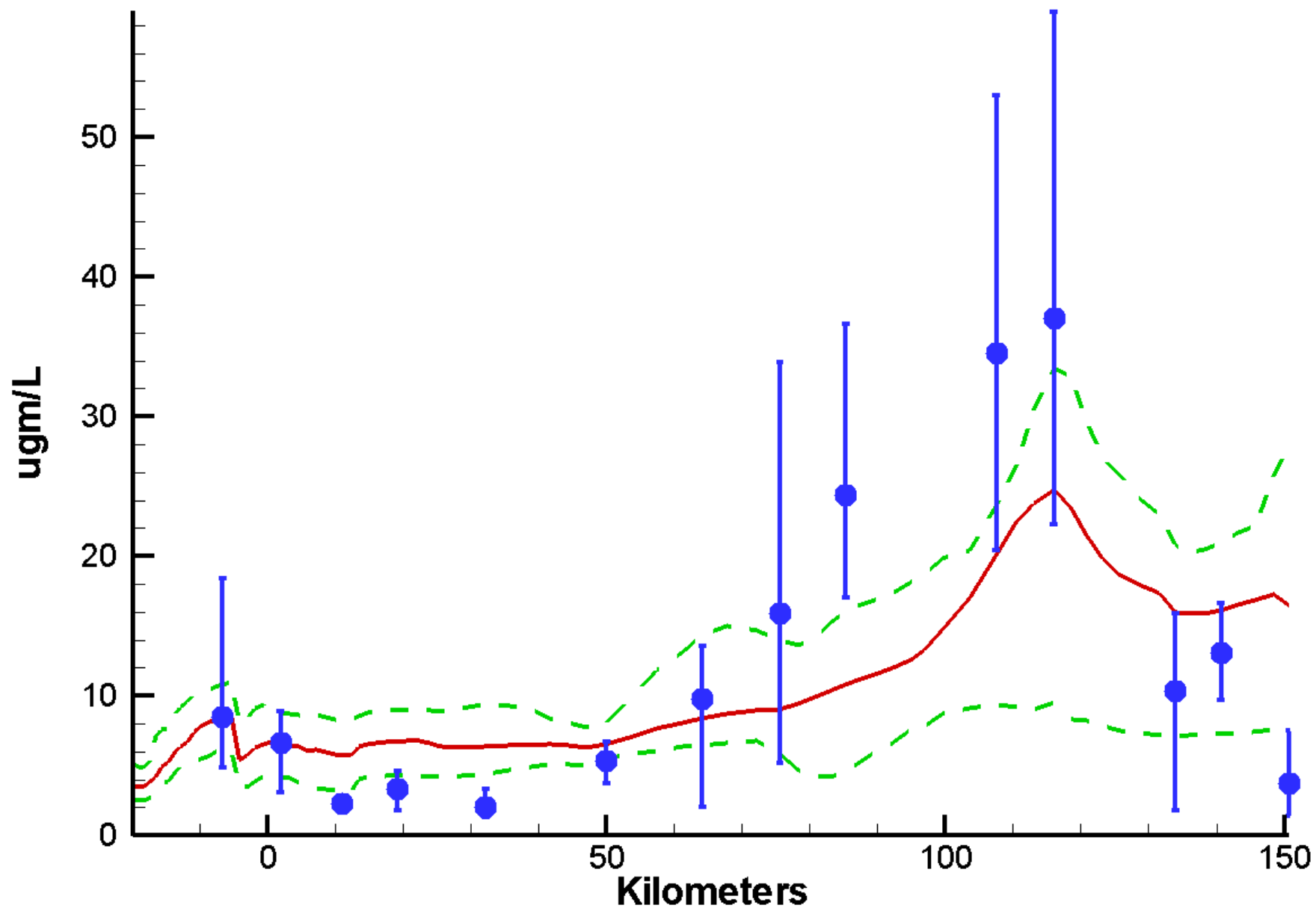
# James River Ches2015 Run118

## Surface Total Suspended Solids Spring 1994



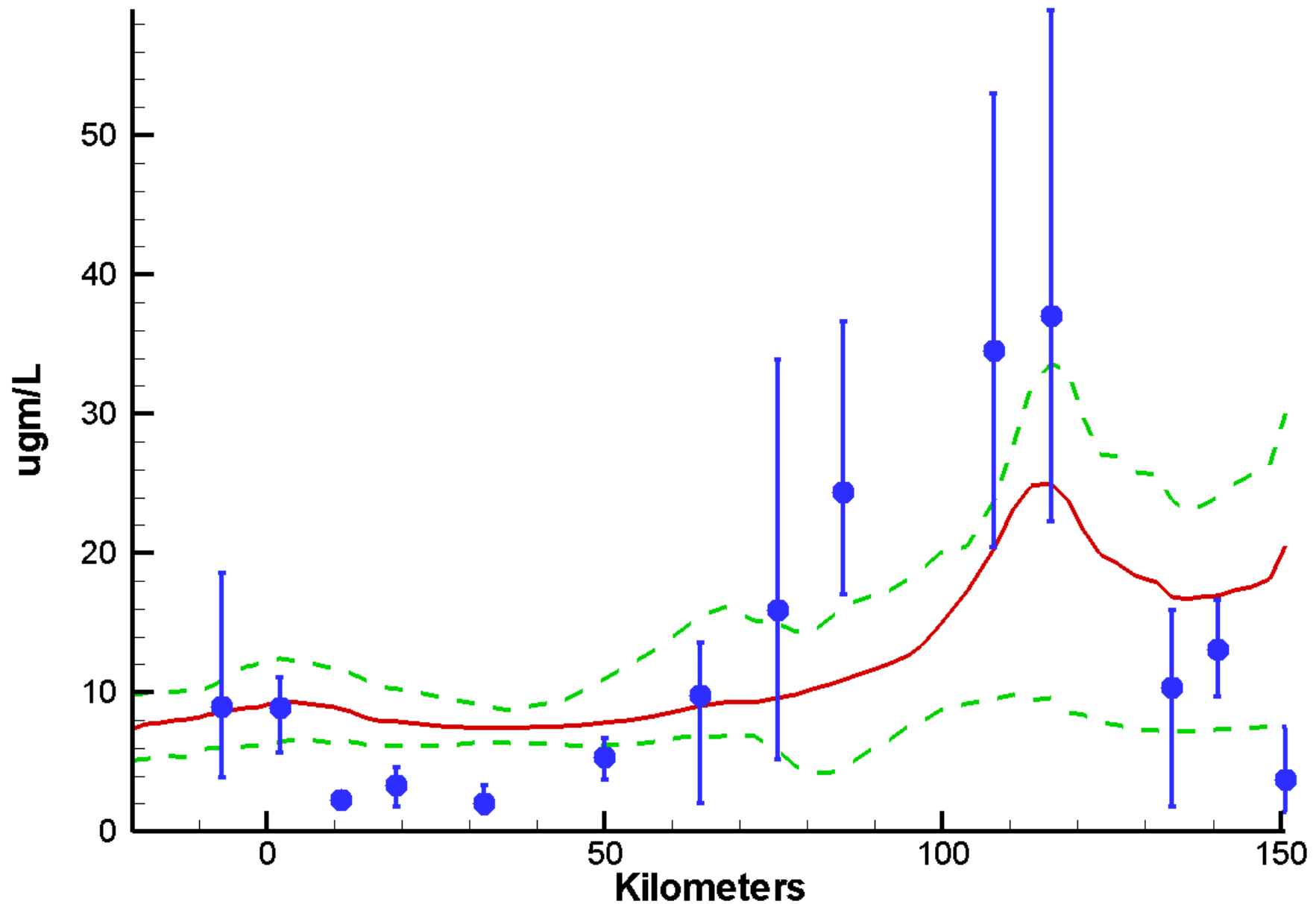
# James River Ches2015 Run118

## Bottom Chlorophyll Summer 1994



# James River Ches2015 Run118

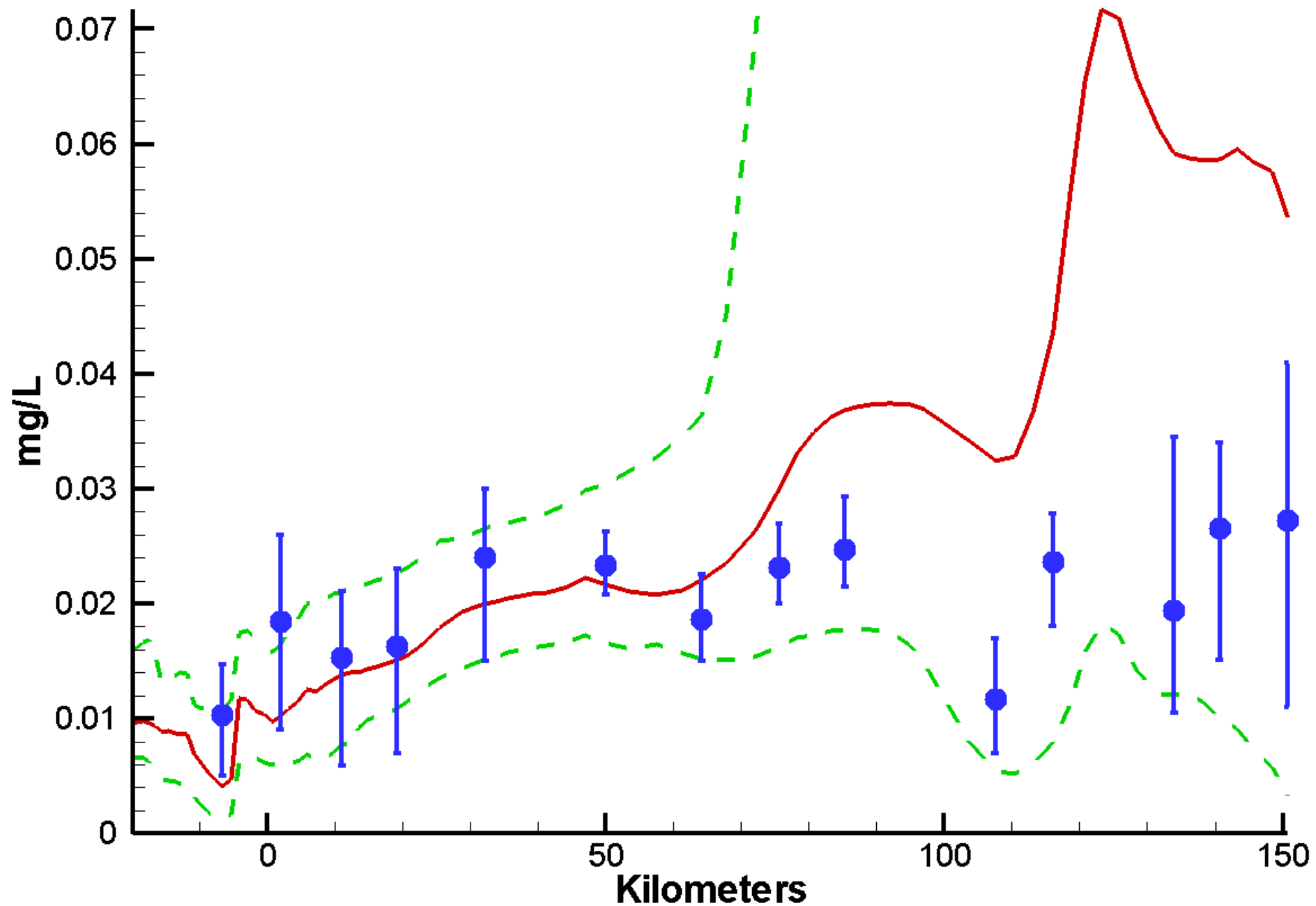
## Surface Chlorophyll Summer 1994





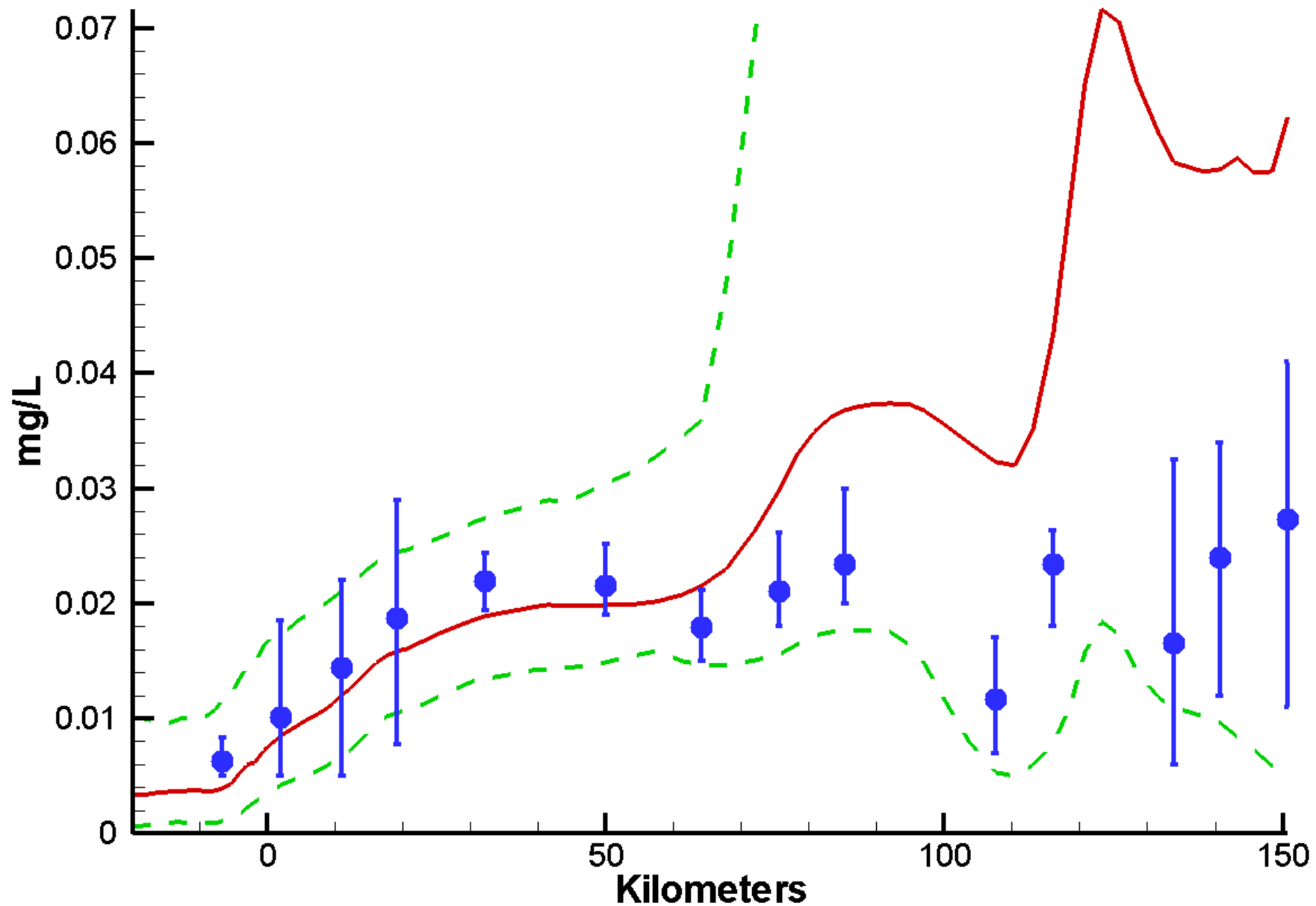
# James River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1994



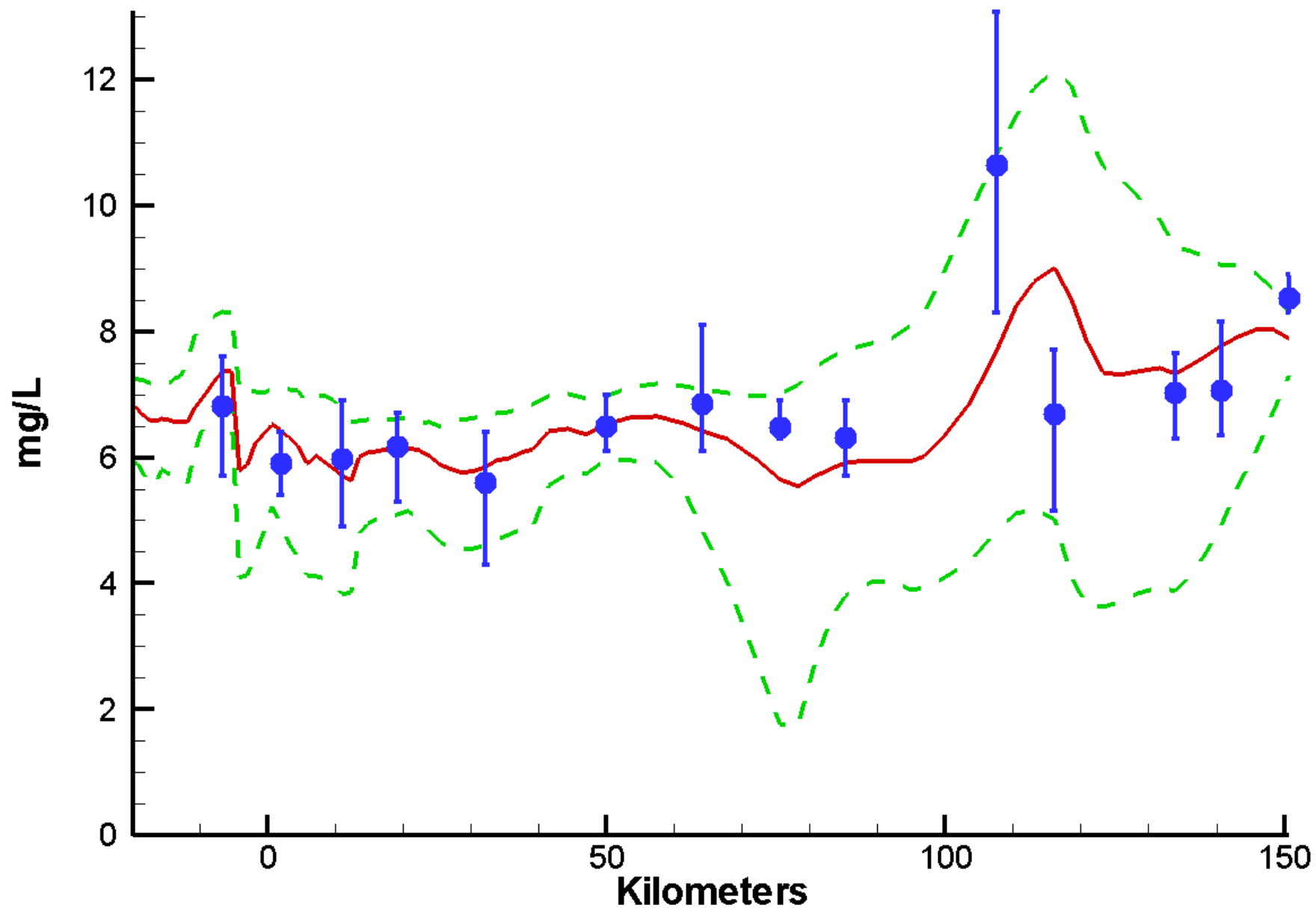
# James River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1994



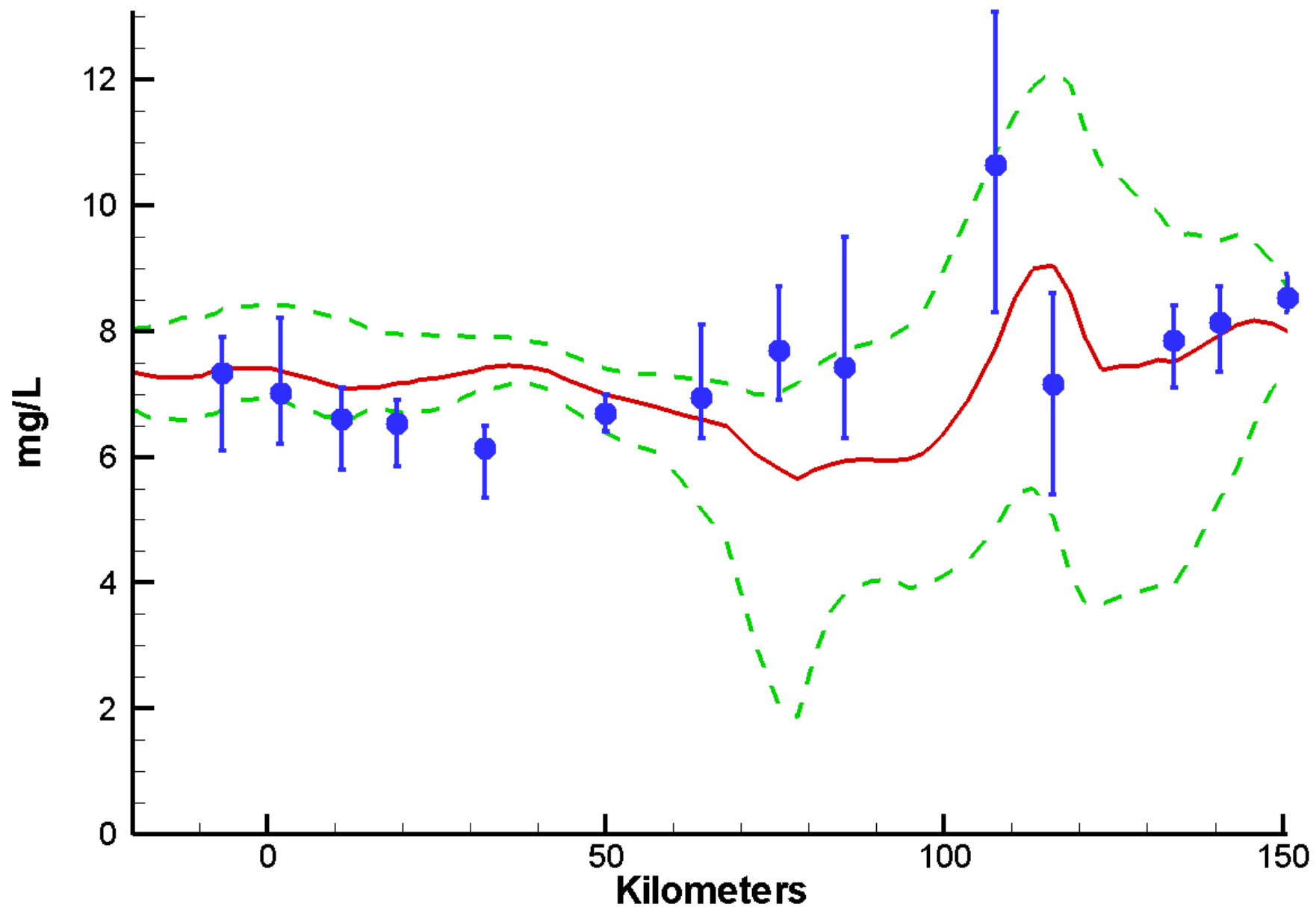
# James River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1994



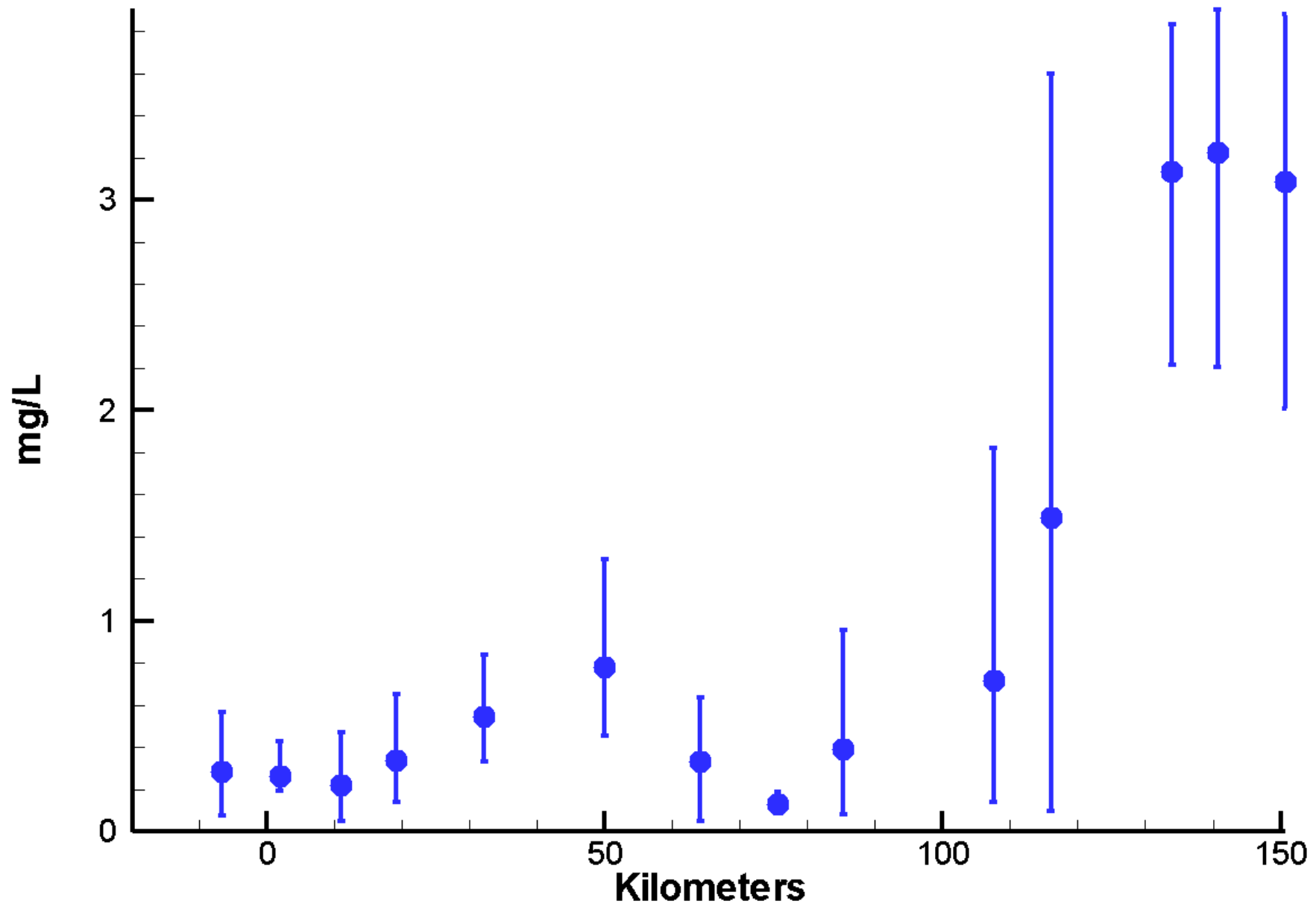
# James River Ches2015 Run118

## Surface Dissolved Oxygen Summer 1994



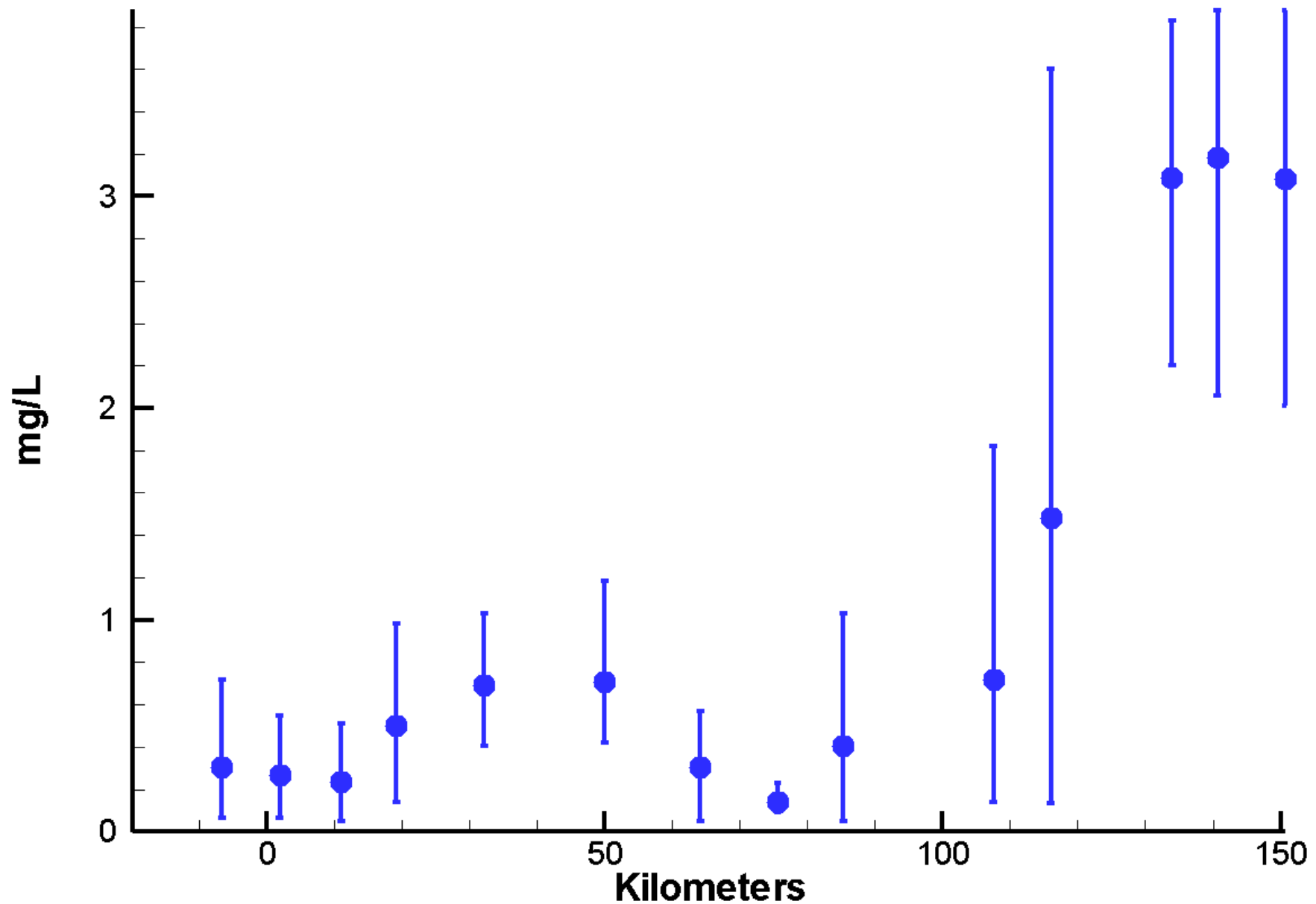
# James River Ches2015 Run118

## Bottom Dissolved Silica Summer 1994



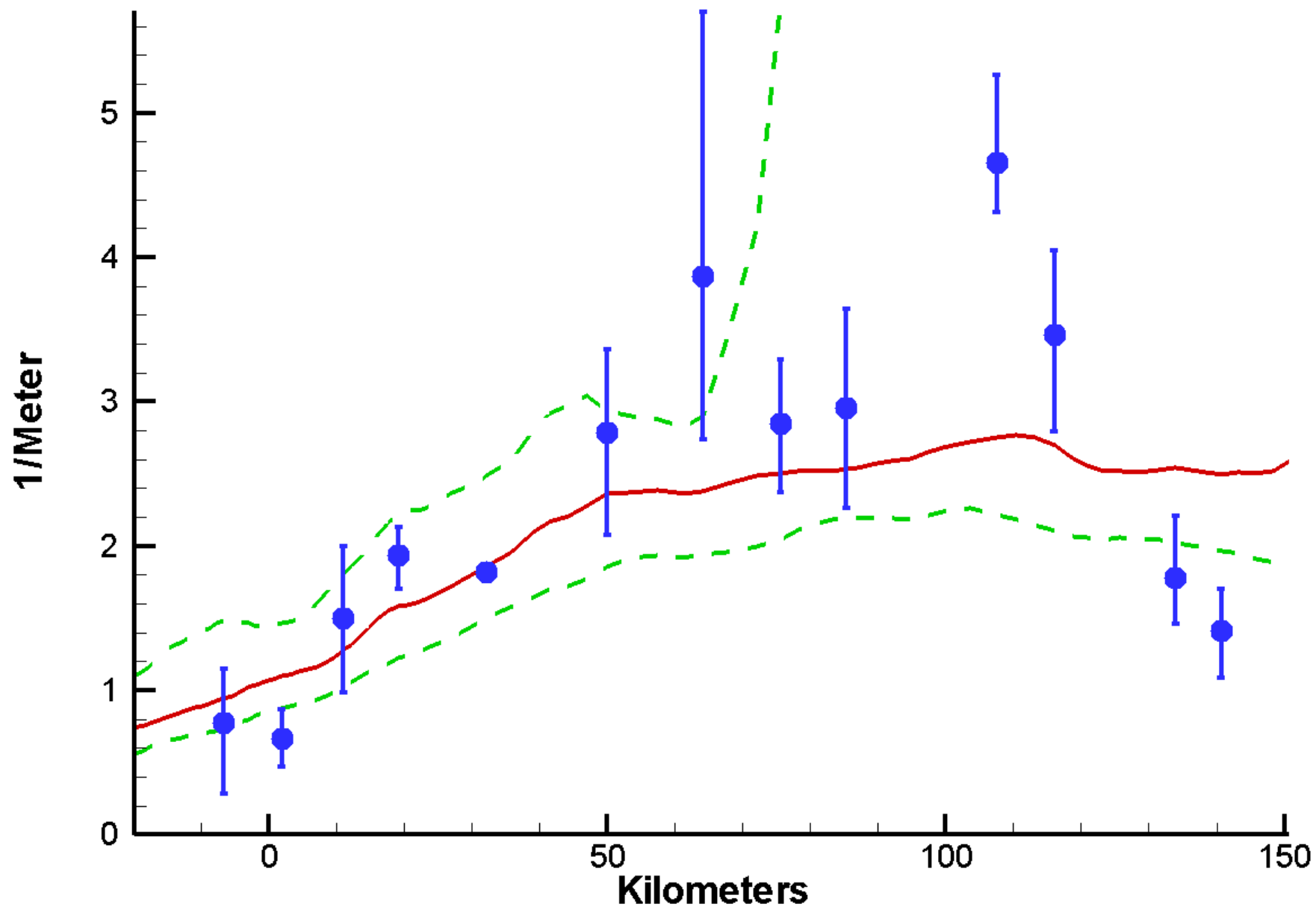
# James River Ches2015 Run118

## Surface Dissolved Silica Summer 1994



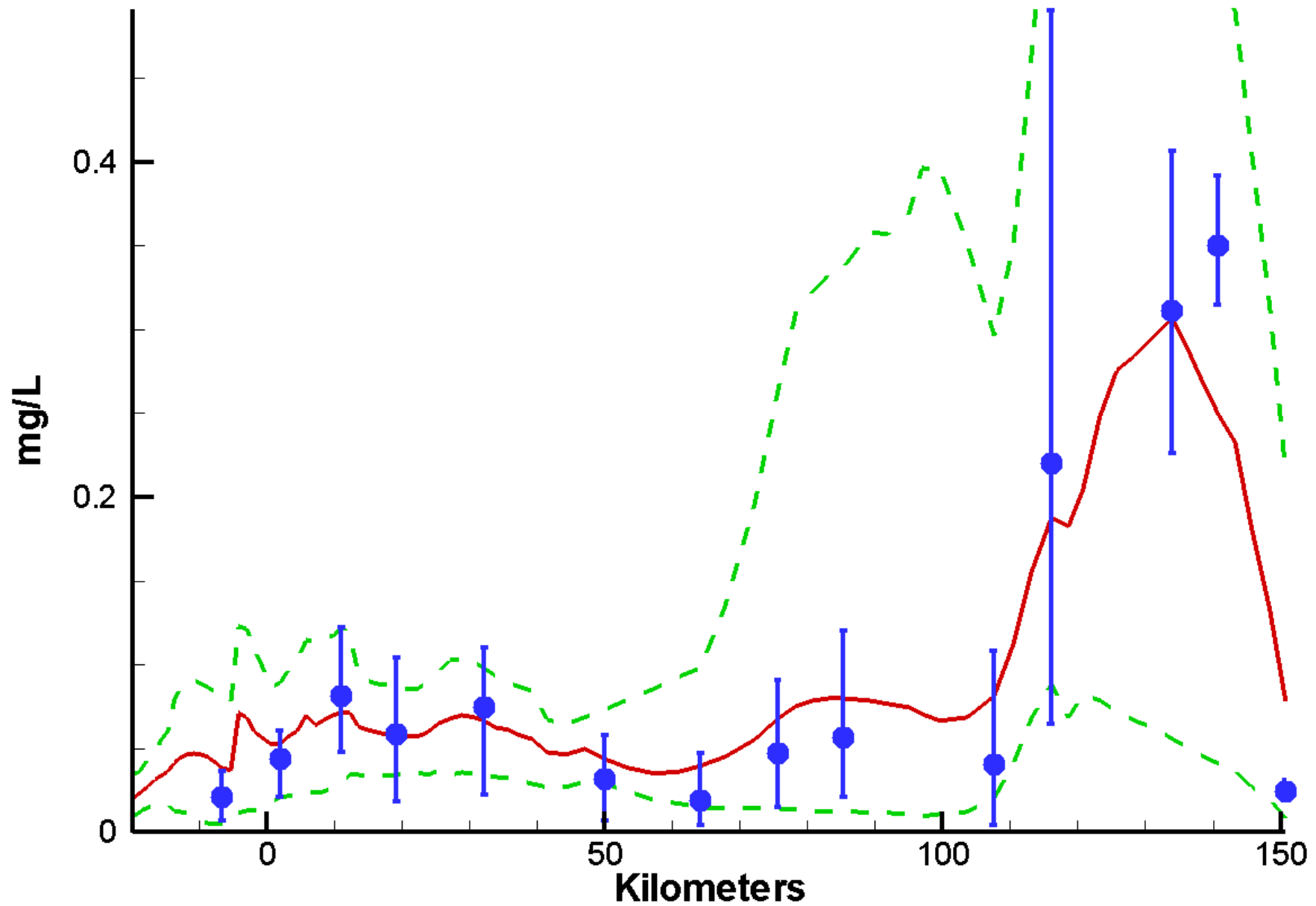
# James River Ches2015 Run118

## Surface Light Extinction Summer 1994



# James River Ches2015 Run118

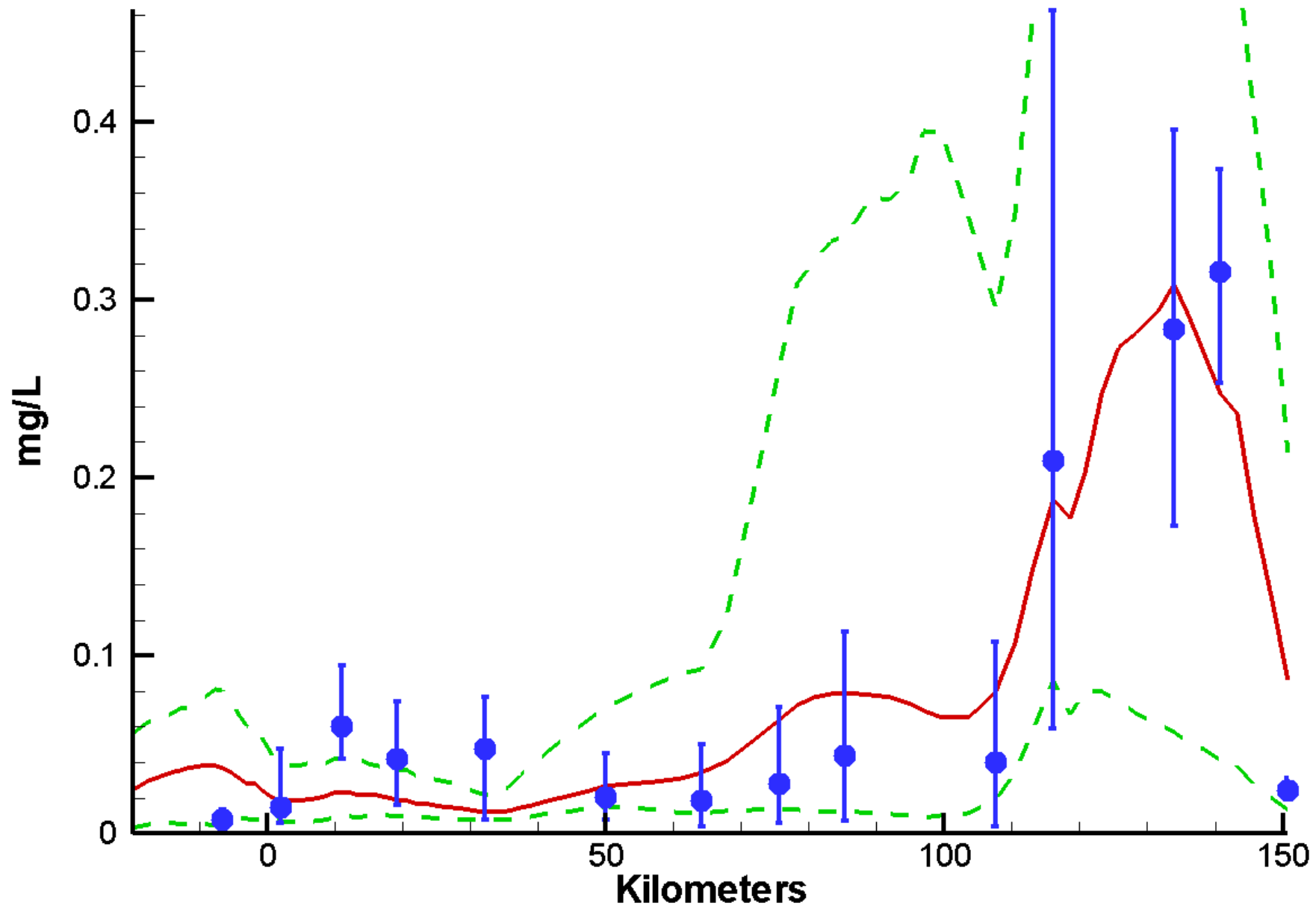
## Bottom Ammonium Summer 1994





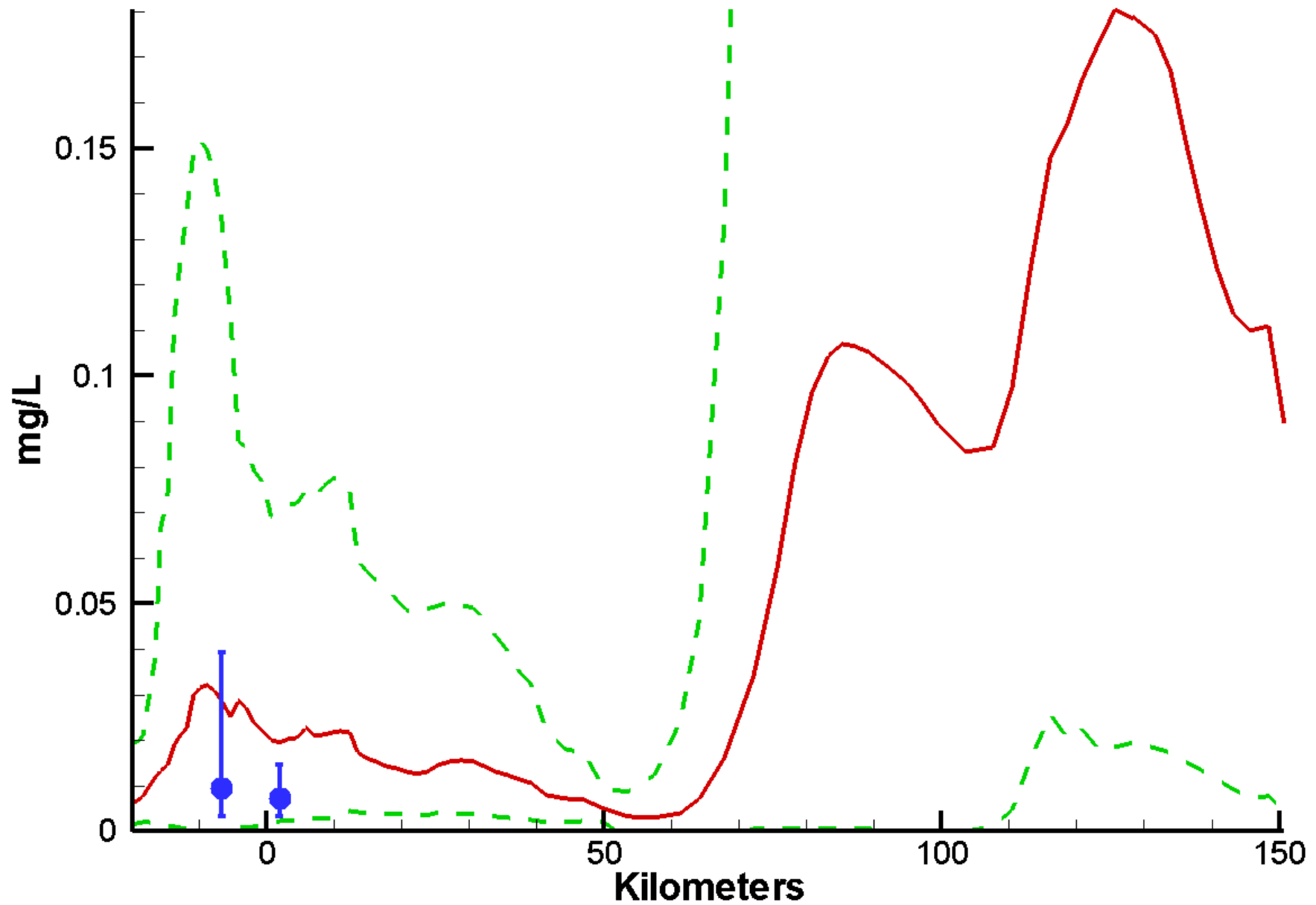
# James River Ches2015 Run118

## Surface Ammonium Summer 1994



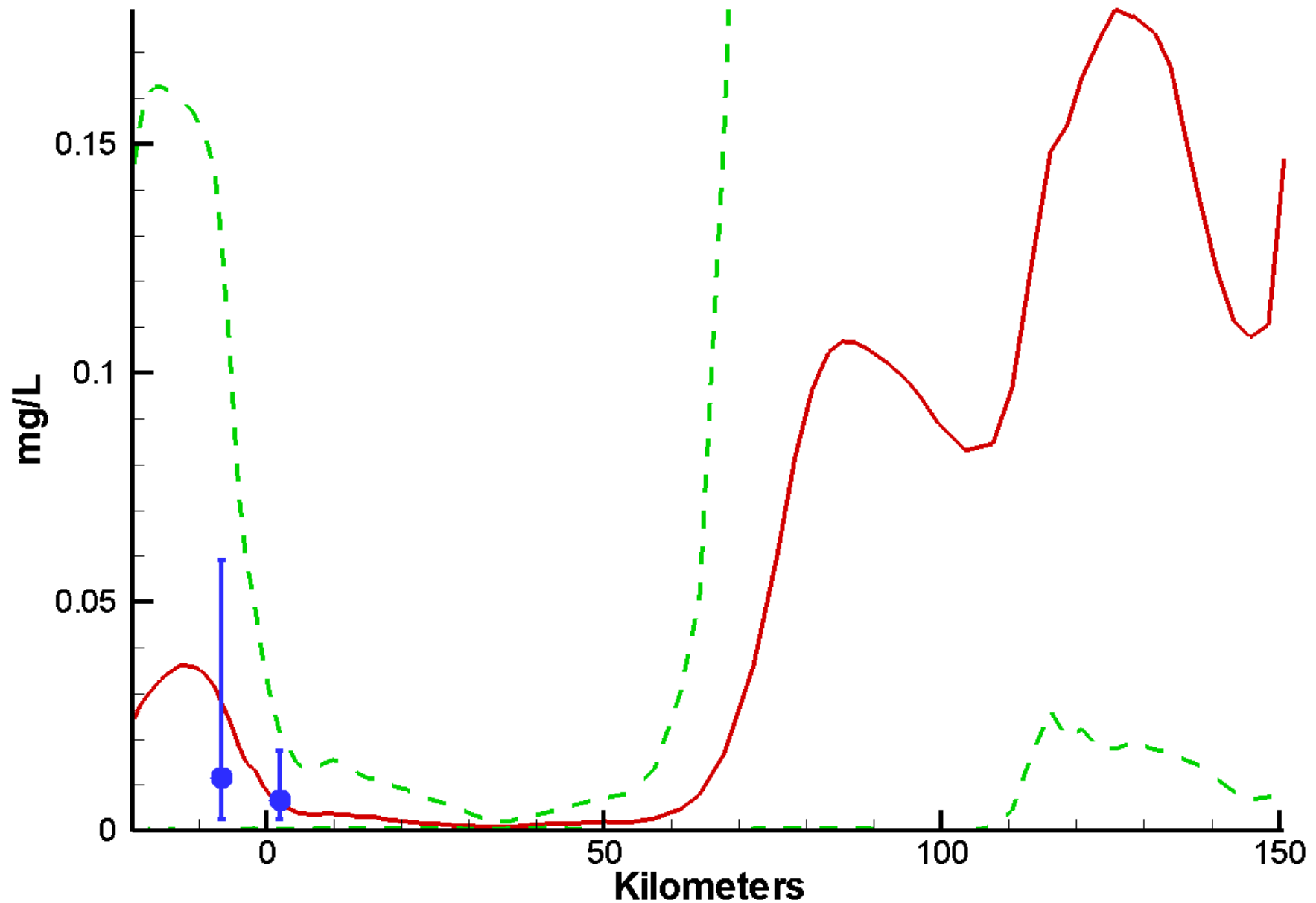
# James River Ches2015 Run118

## Bottom Nitrate Summer 1994



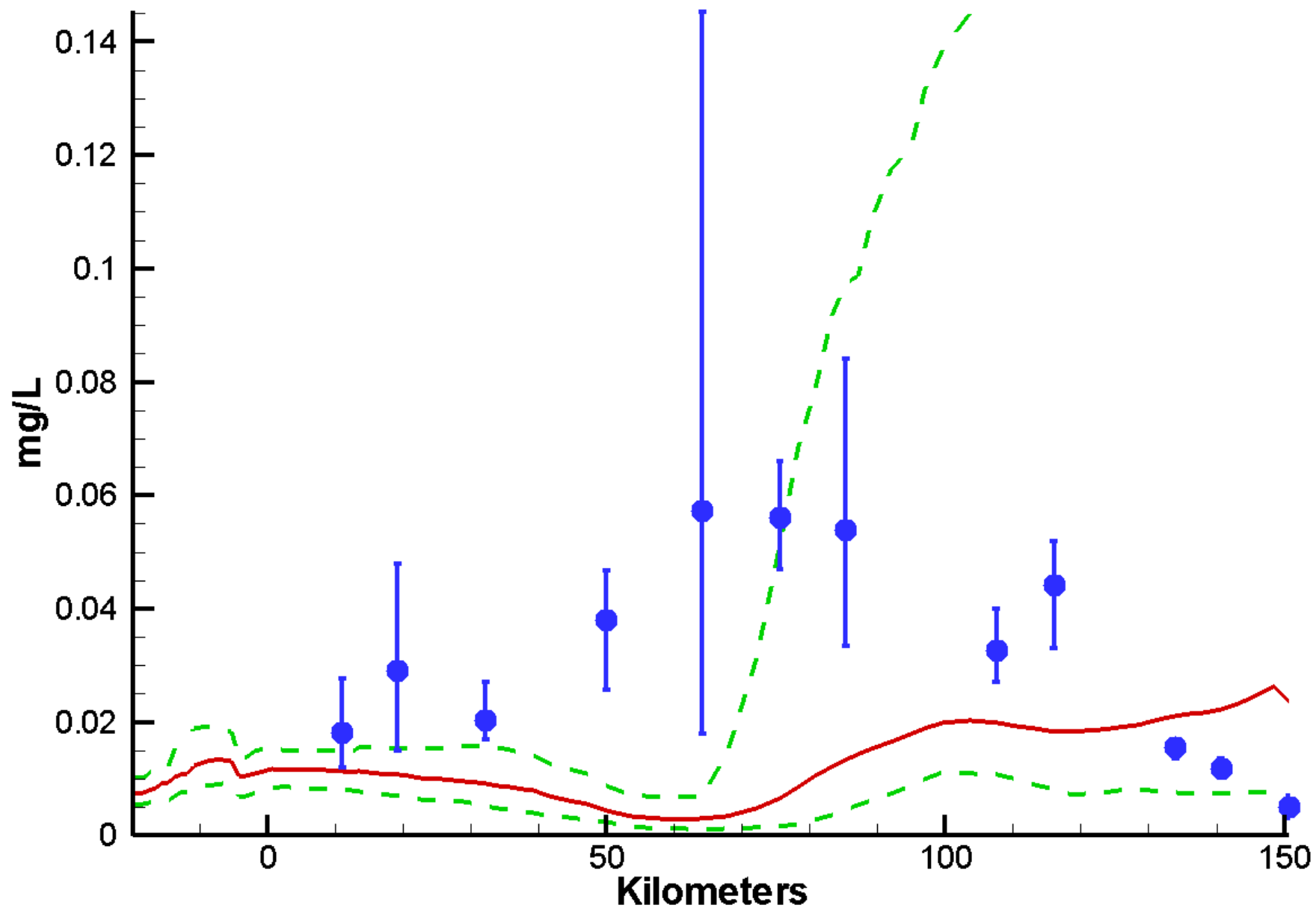
# James River Ches2015 Run118

## Surface Nitrate Summer 1994



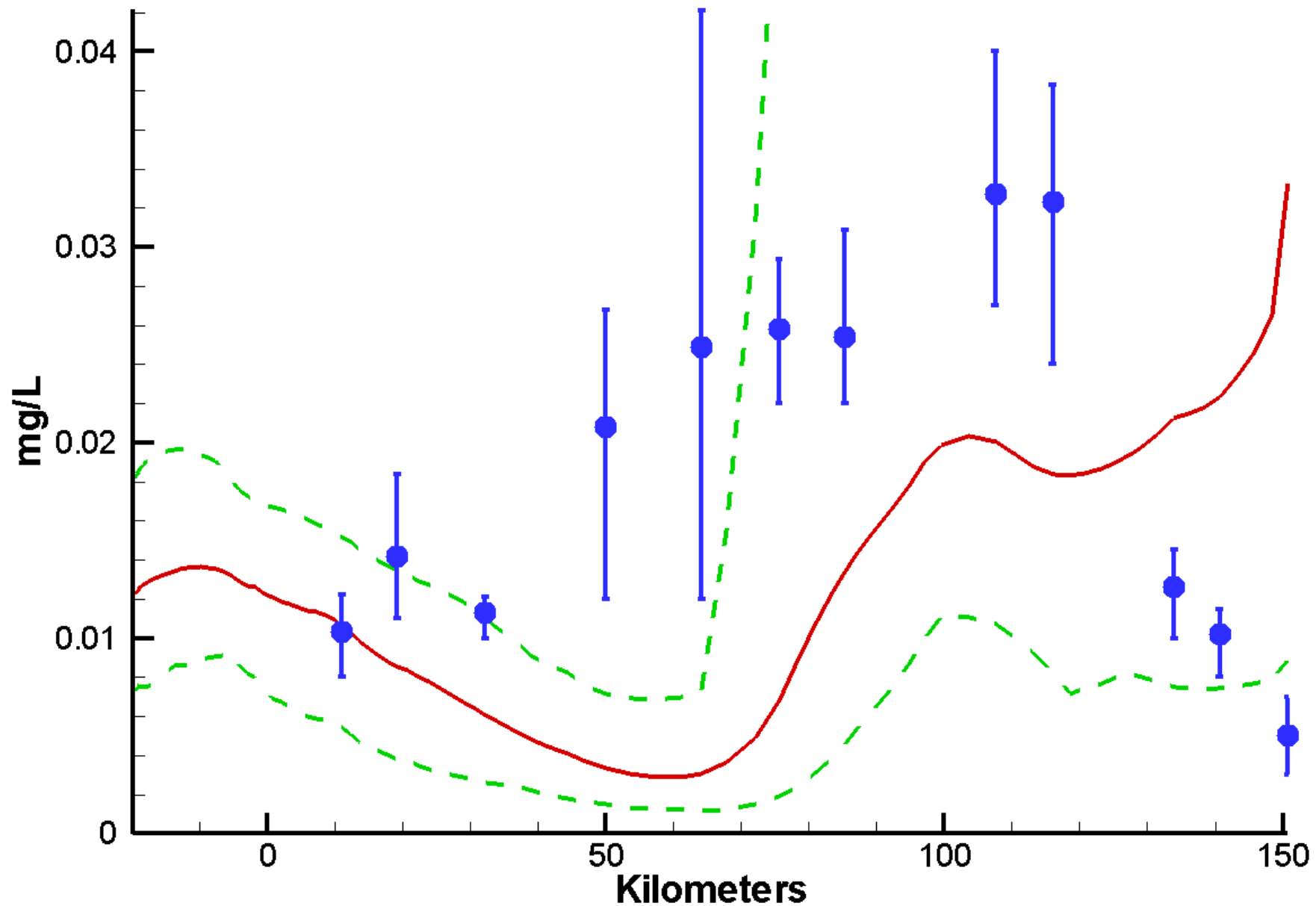
# James River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Summer 199



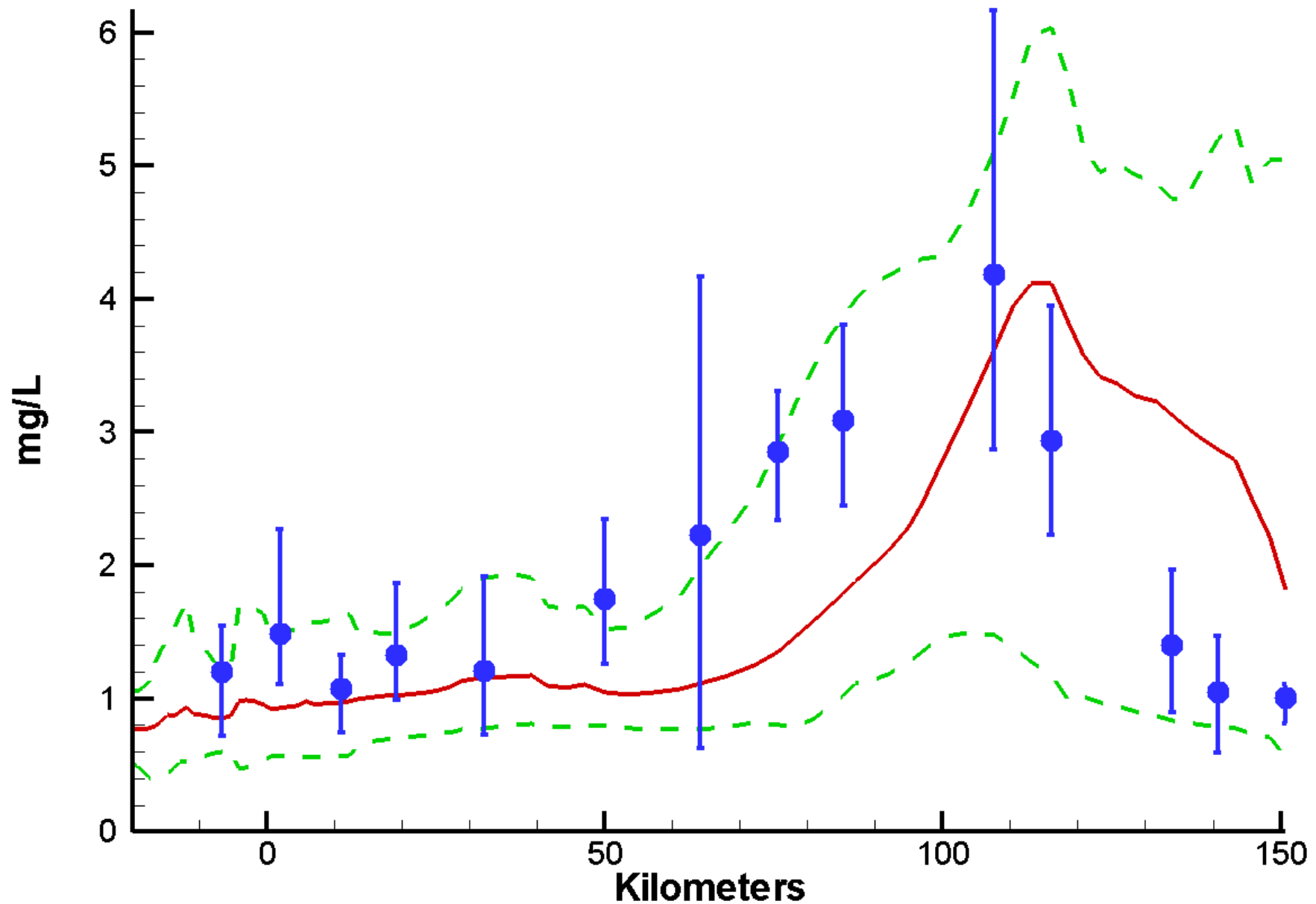
# James River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



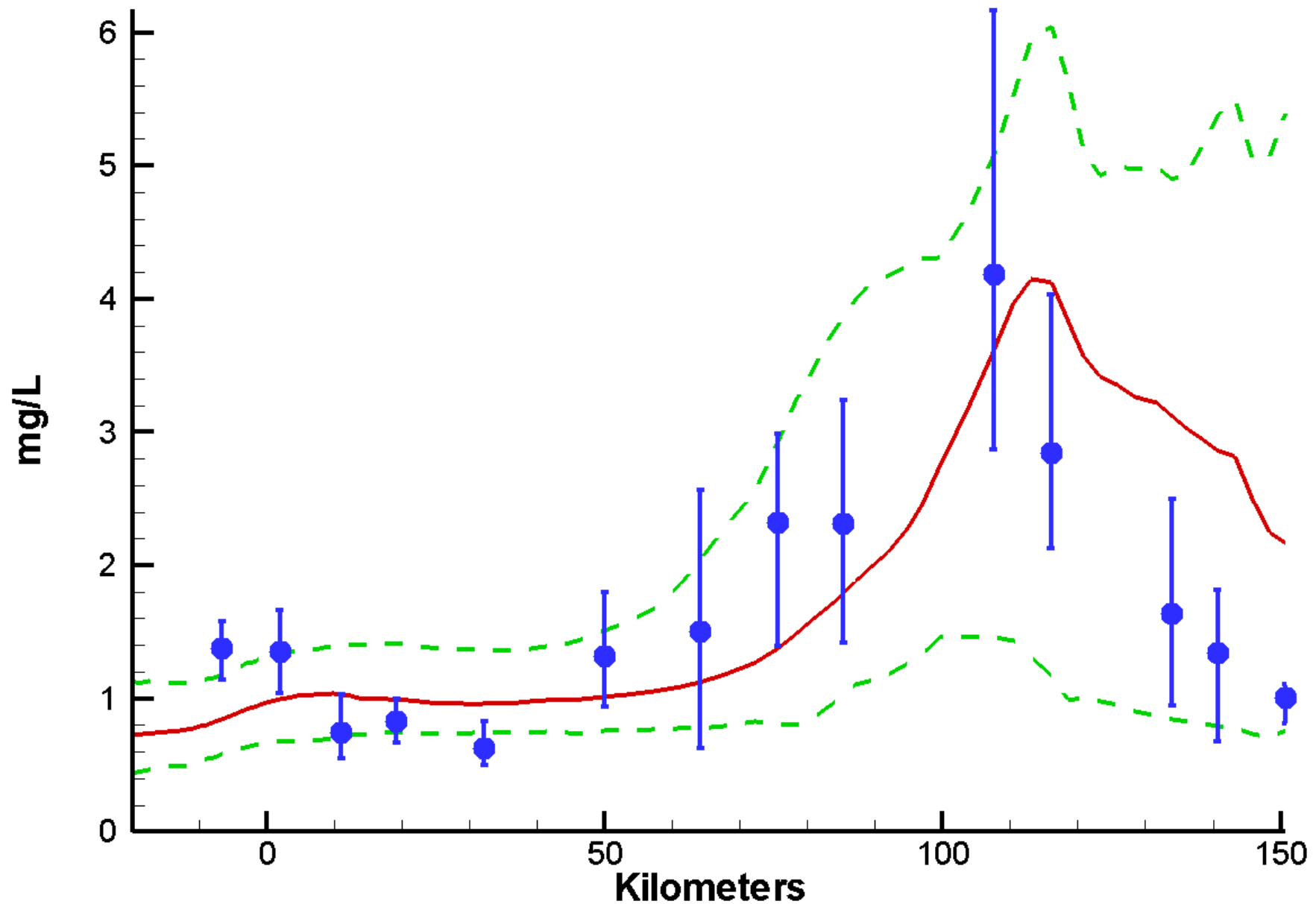
# James River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1994



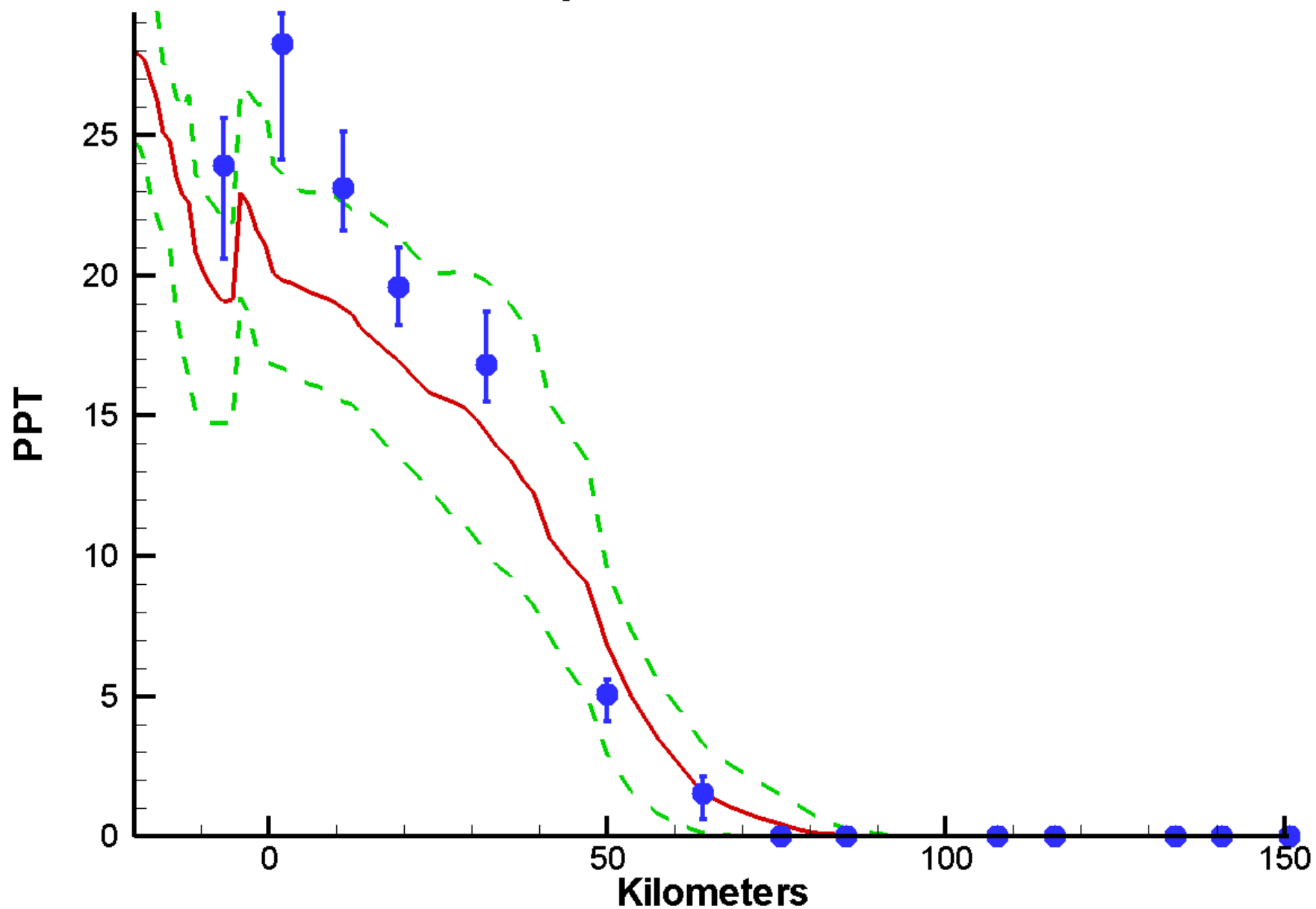
# James River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1994



# James River Ches2015 Run118

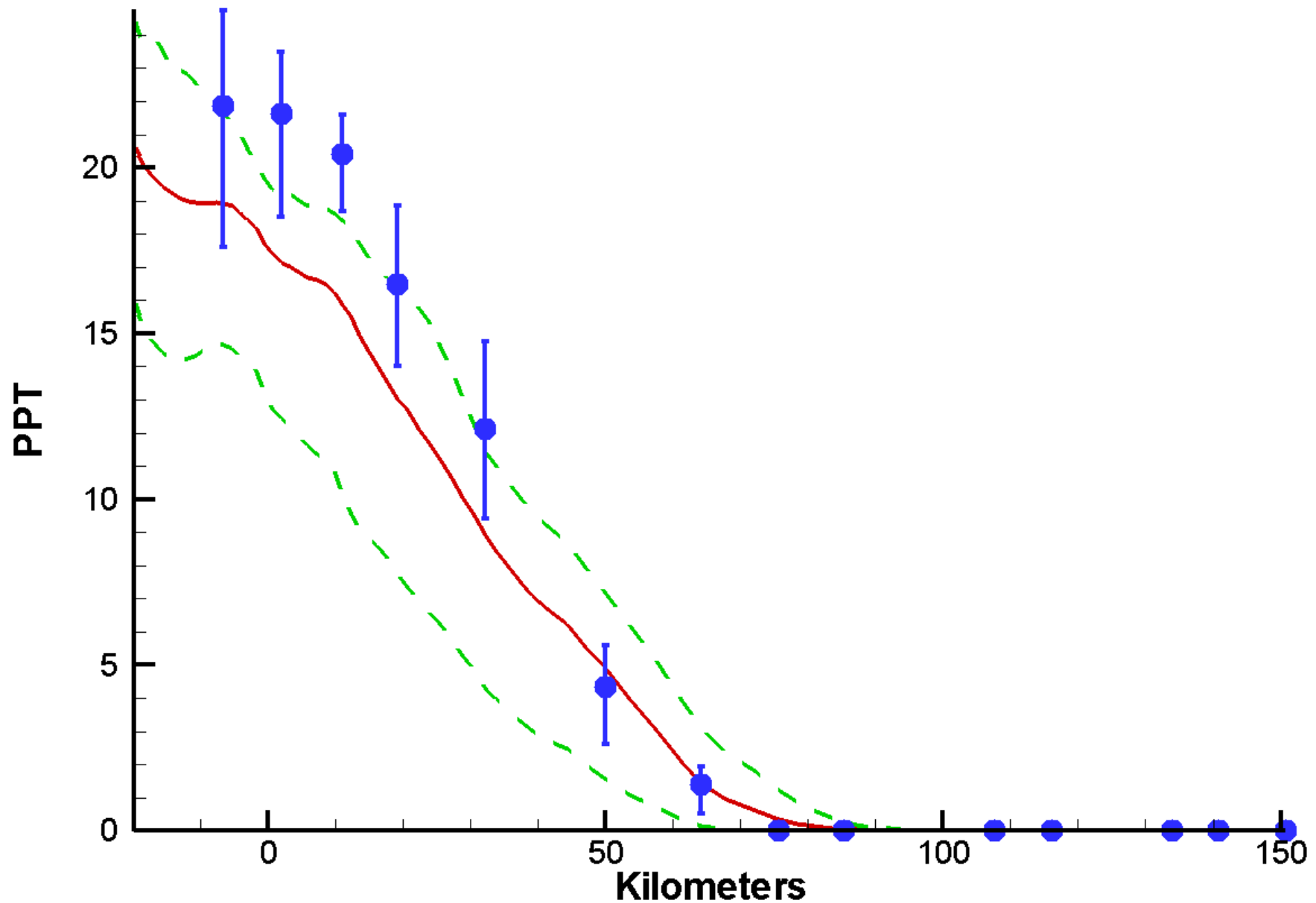
## Bottom Salinity Summer 1994





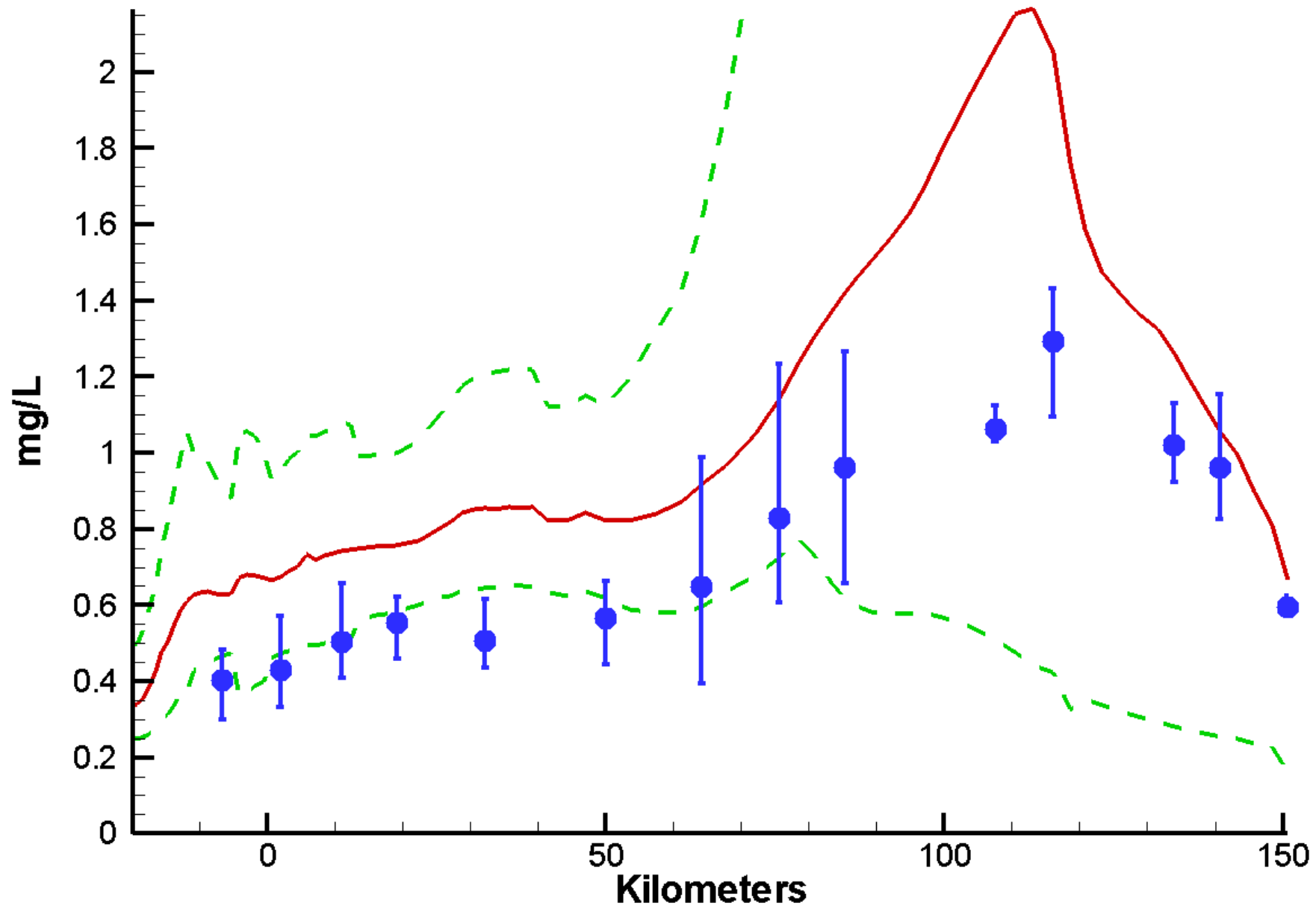
# James River Ches2015 Run118

## Surface Salinity Summer 1994



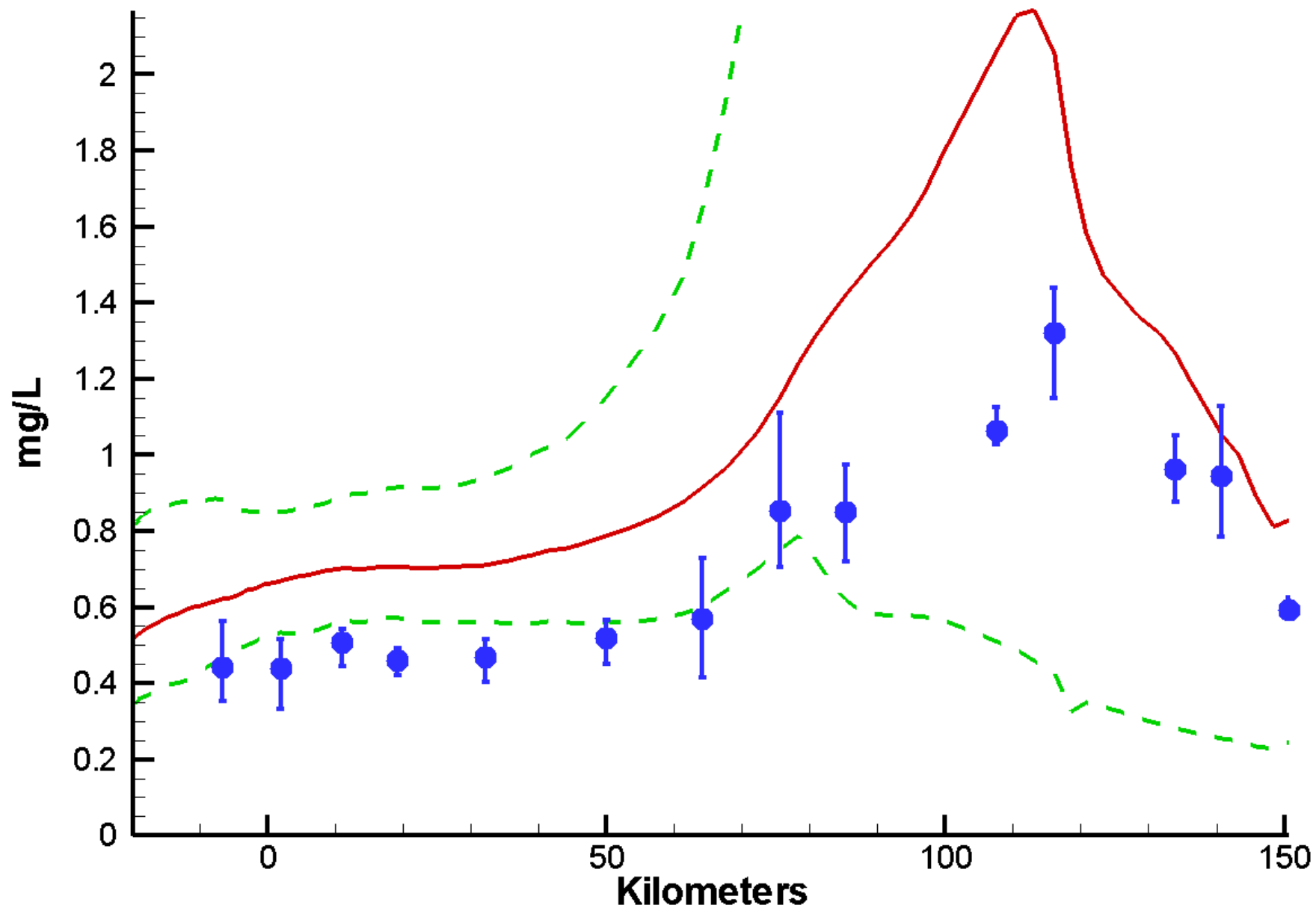
# James River Ches2015 Run118

## Bottom Total Nitrogen Summer 1994



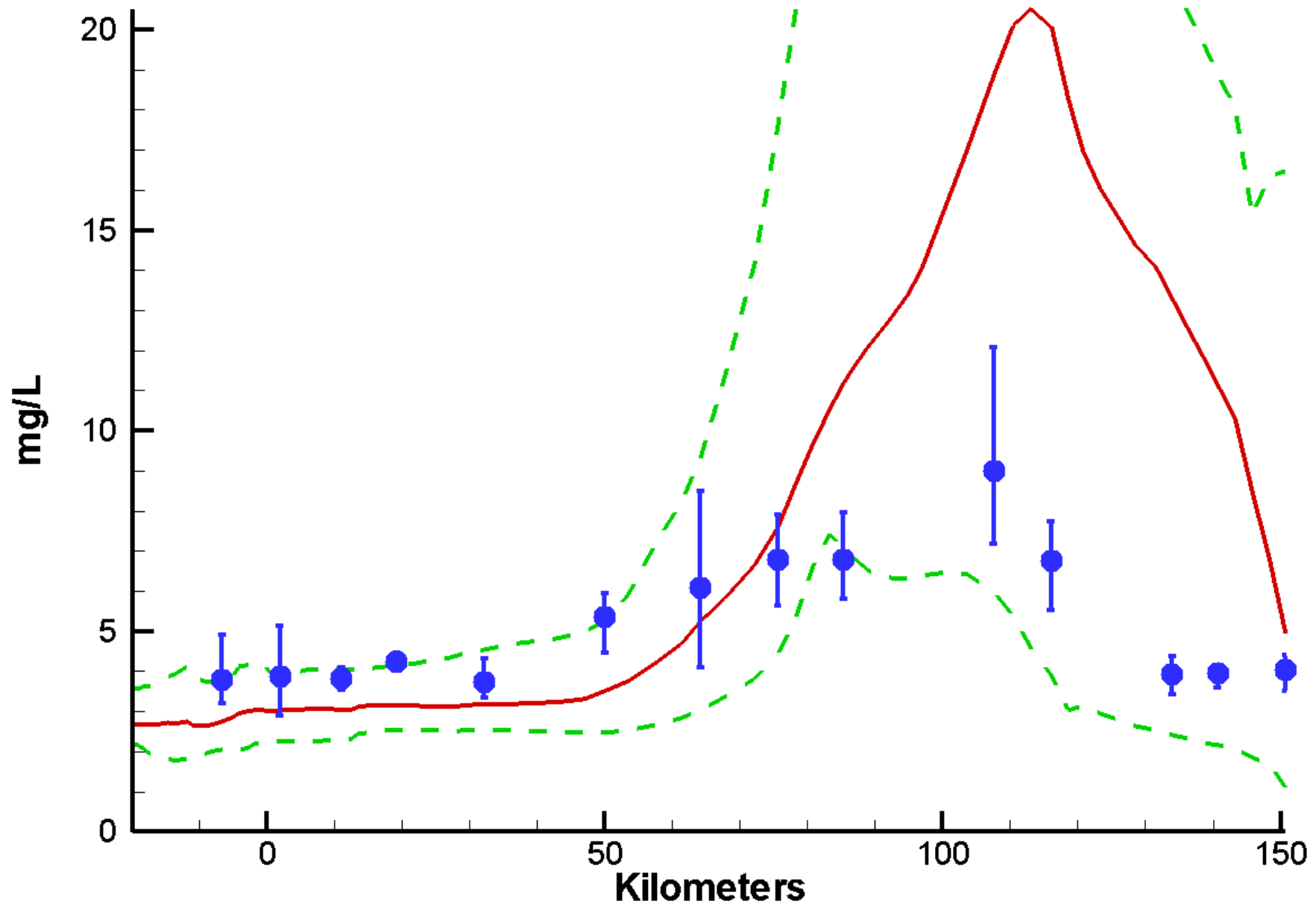
# James River Ches2015 Run118

## Surface Total Nitrogen Summer 1994



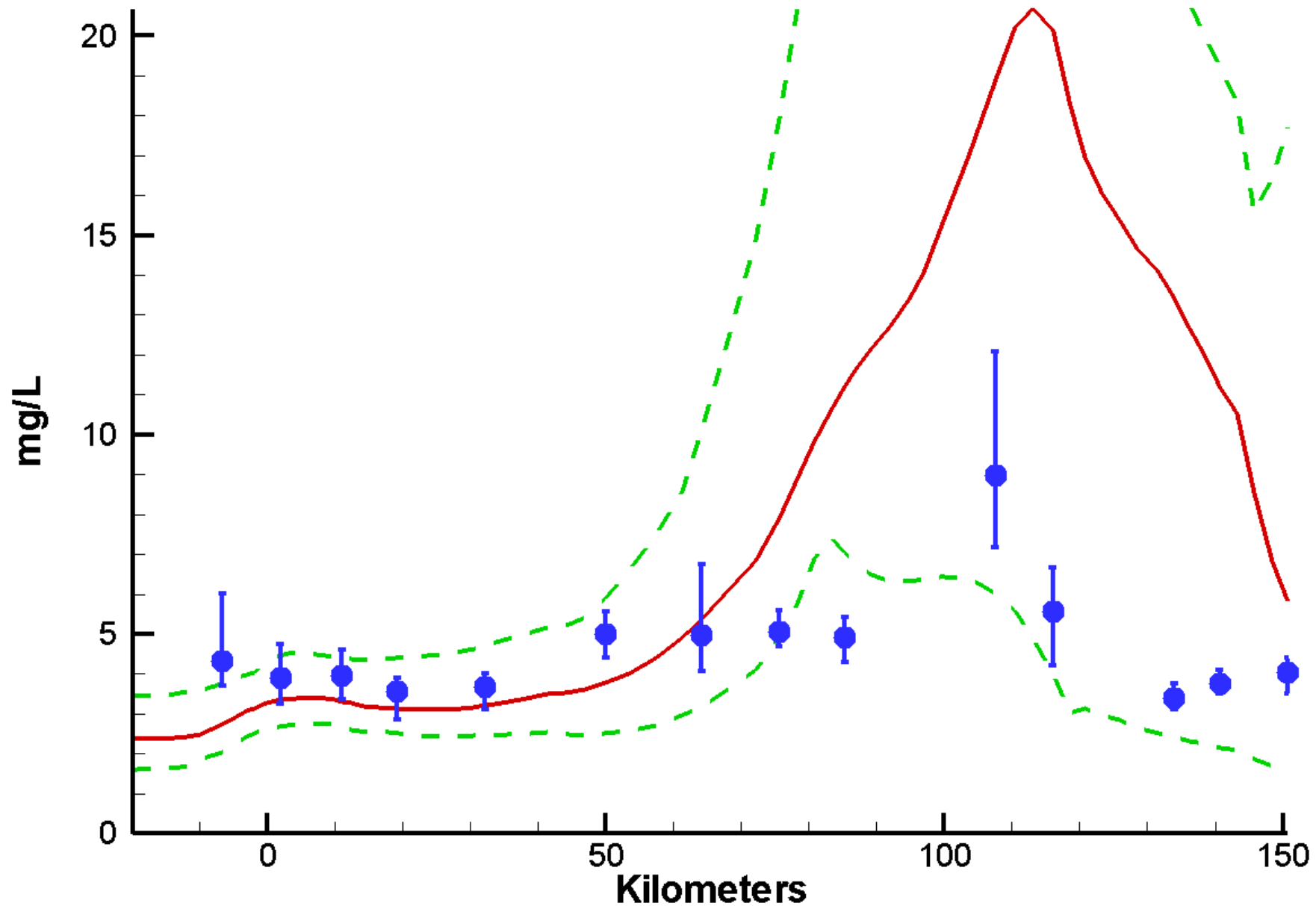
# James River Ches2015 Run118

## Bottom Total Organic Carbon Summer 1994



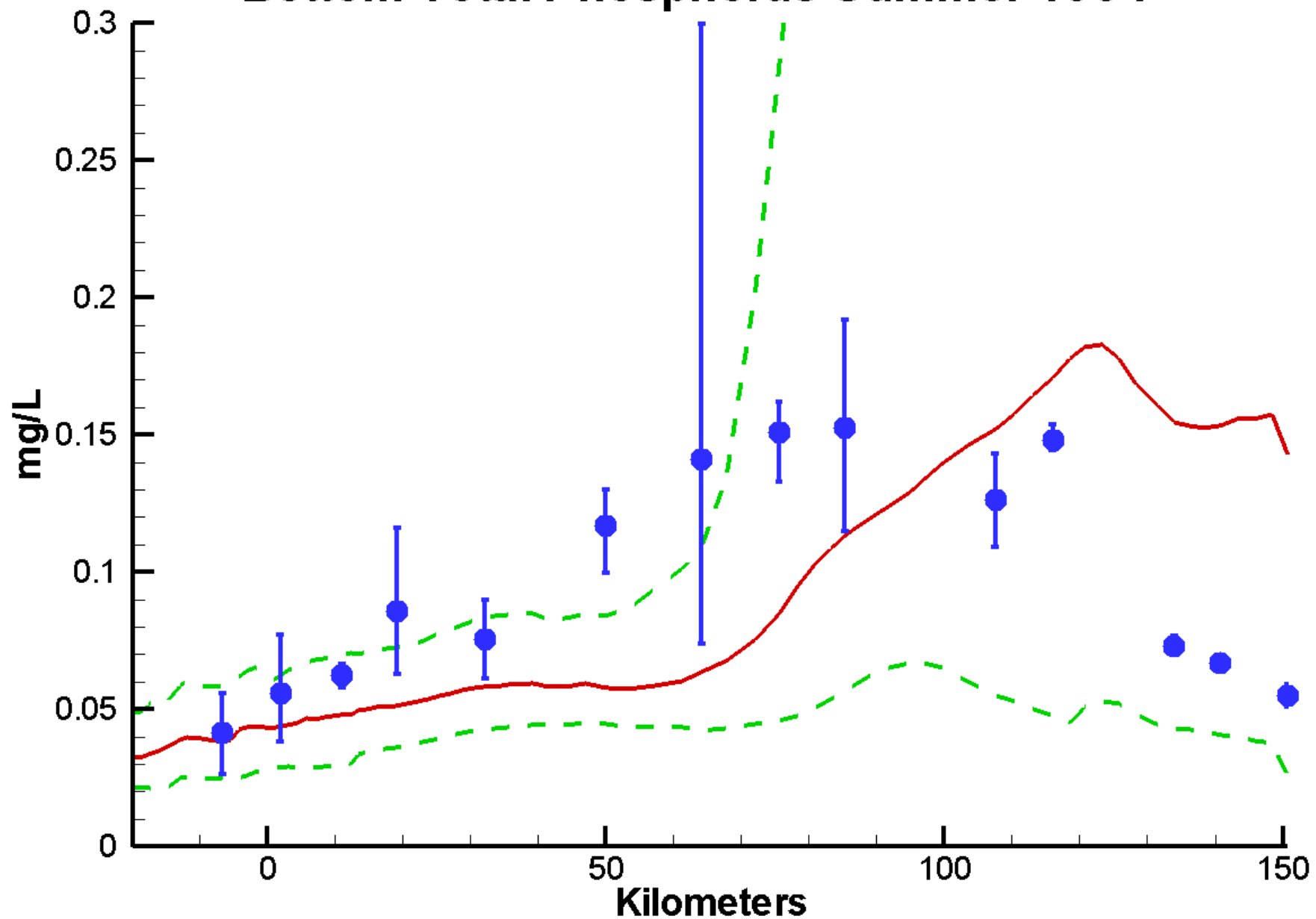
# James River Ches2015 Run118

## Surface Total Organic Carbon Summer 1994



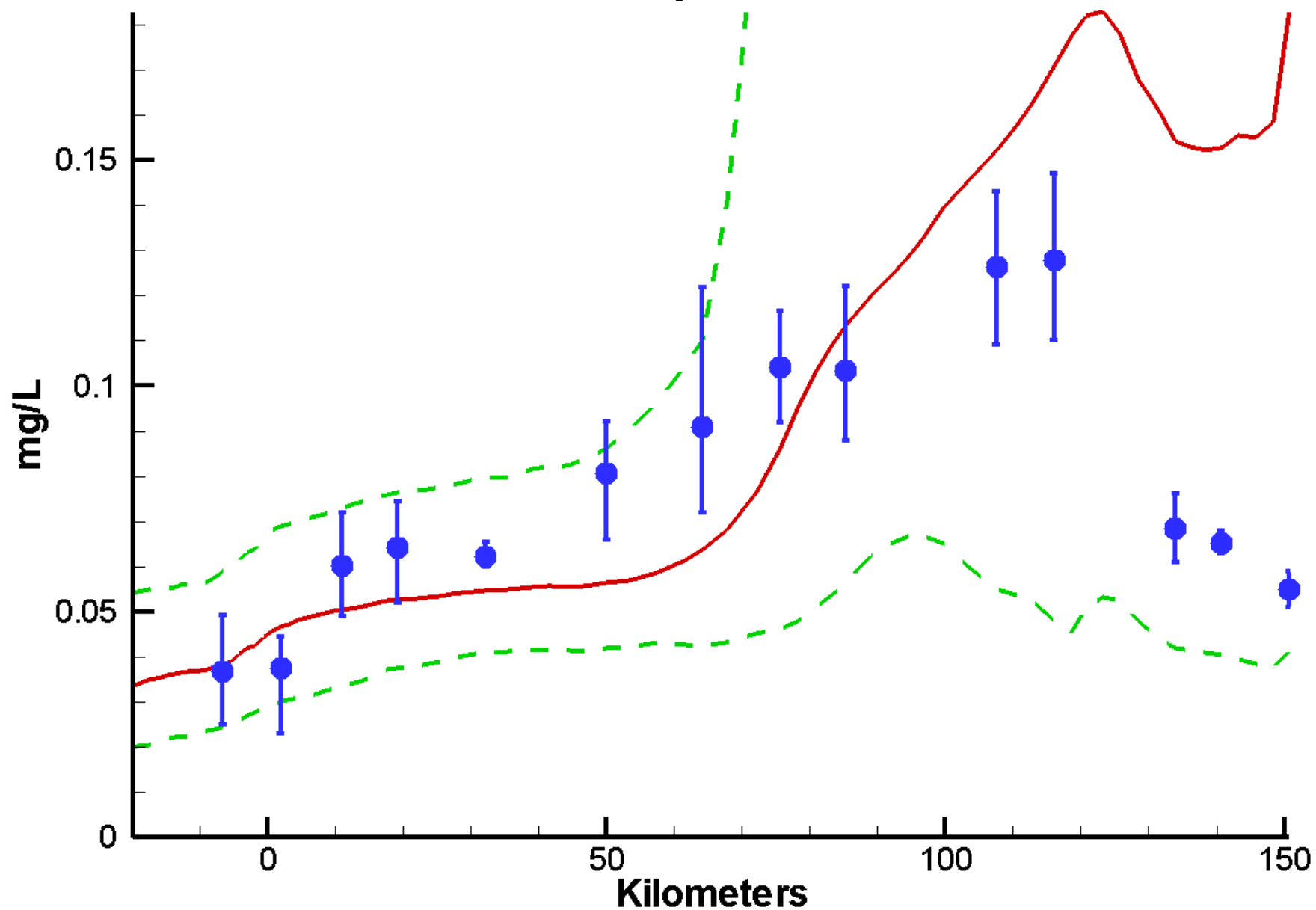
# James River Ches2015 Run118

## Bottom Total Phosphorus Summer 1994



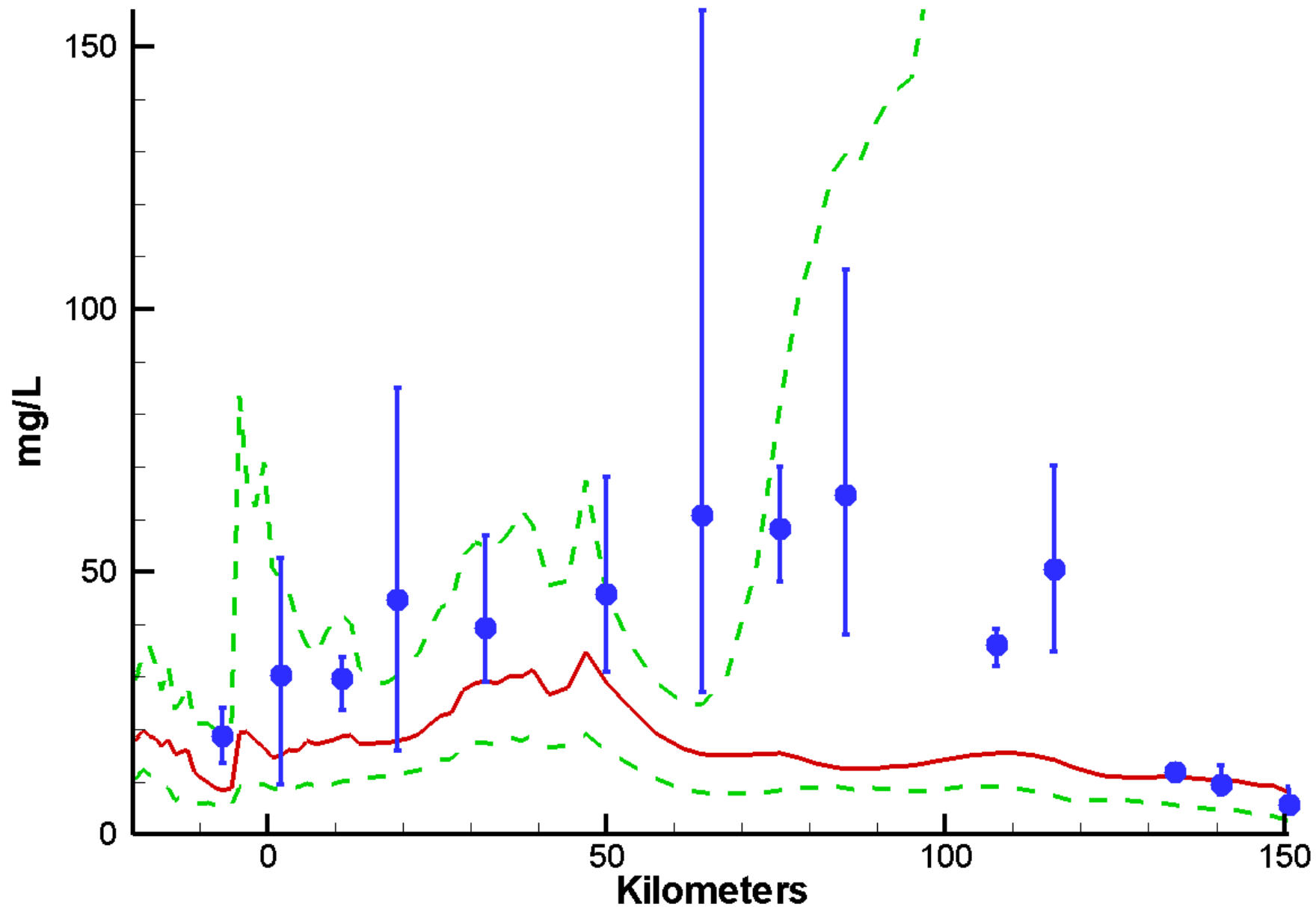
# James River Ches2015 Run118

## Surface Total Phosphorus Summer 1994



# James River Ches2015 Run118

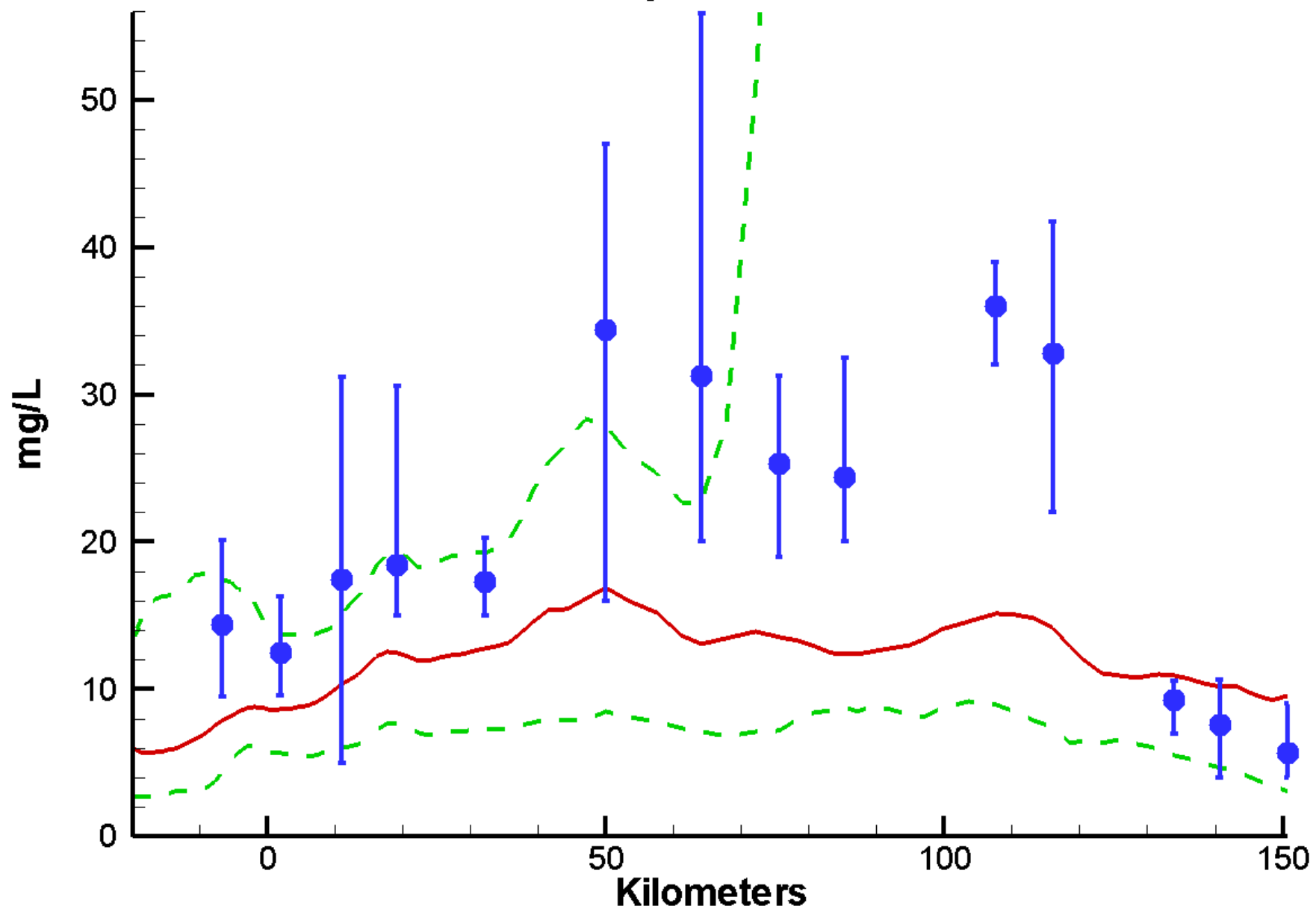
## Bottom Total Suspended Solids Summer 1994





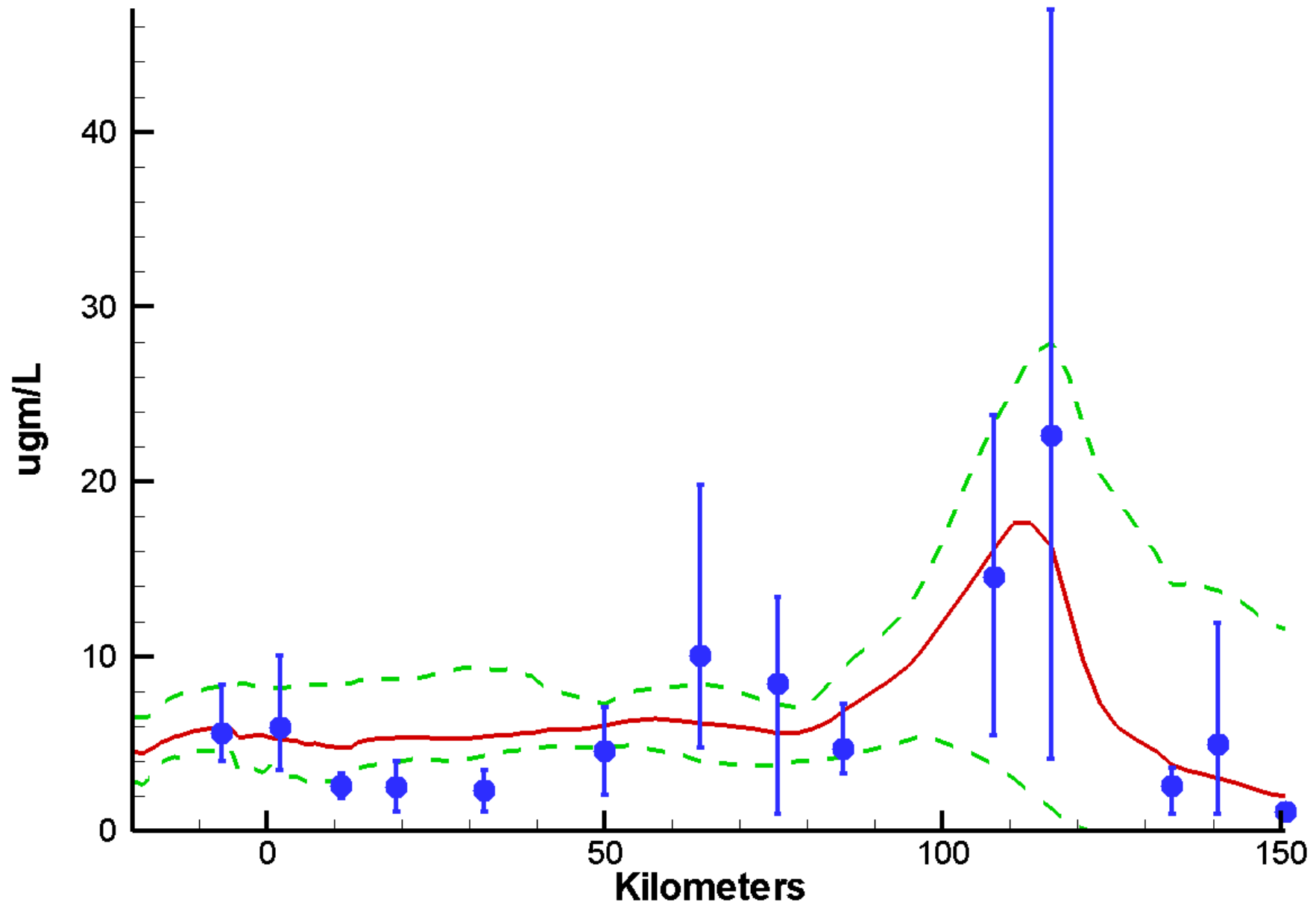
# James River Ches2015 Run118

## Surface Total Suspended Solids Summer 1994



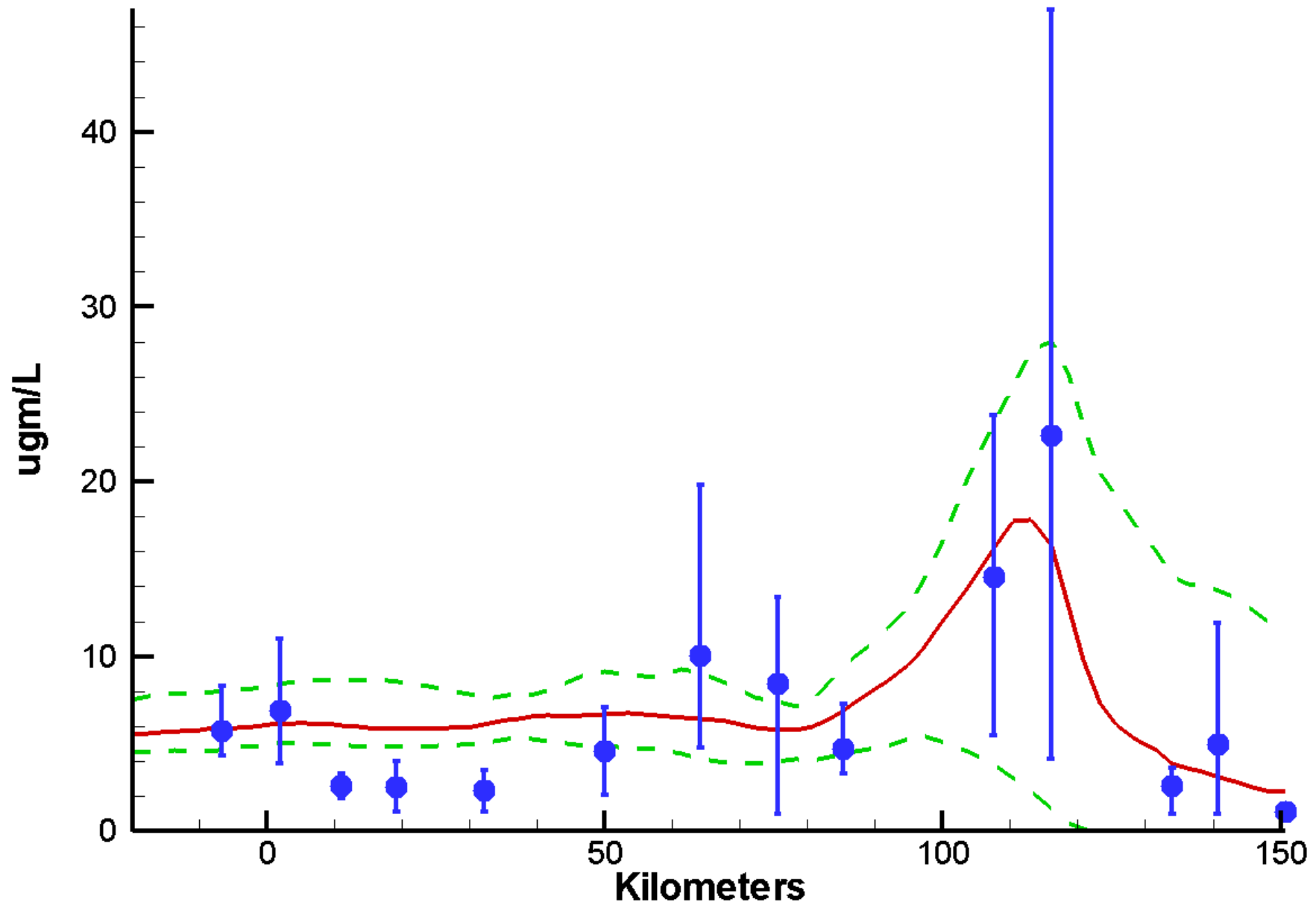
# James River Ches2015 Run118

## Bottom Chlorophyll Fall 1994



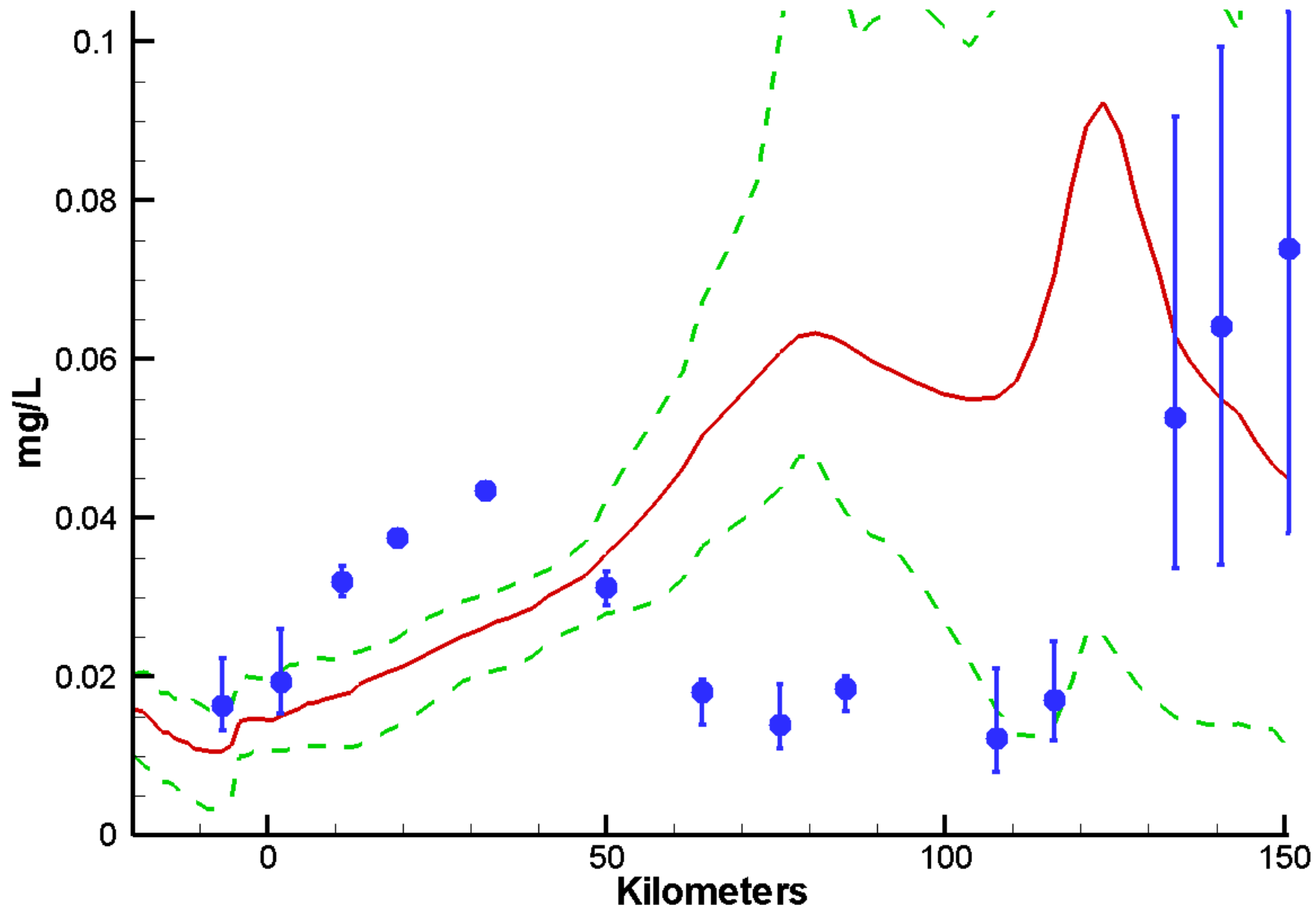
# James River Ches2015 Run118

## Surface Chlorophyll Fall 1994



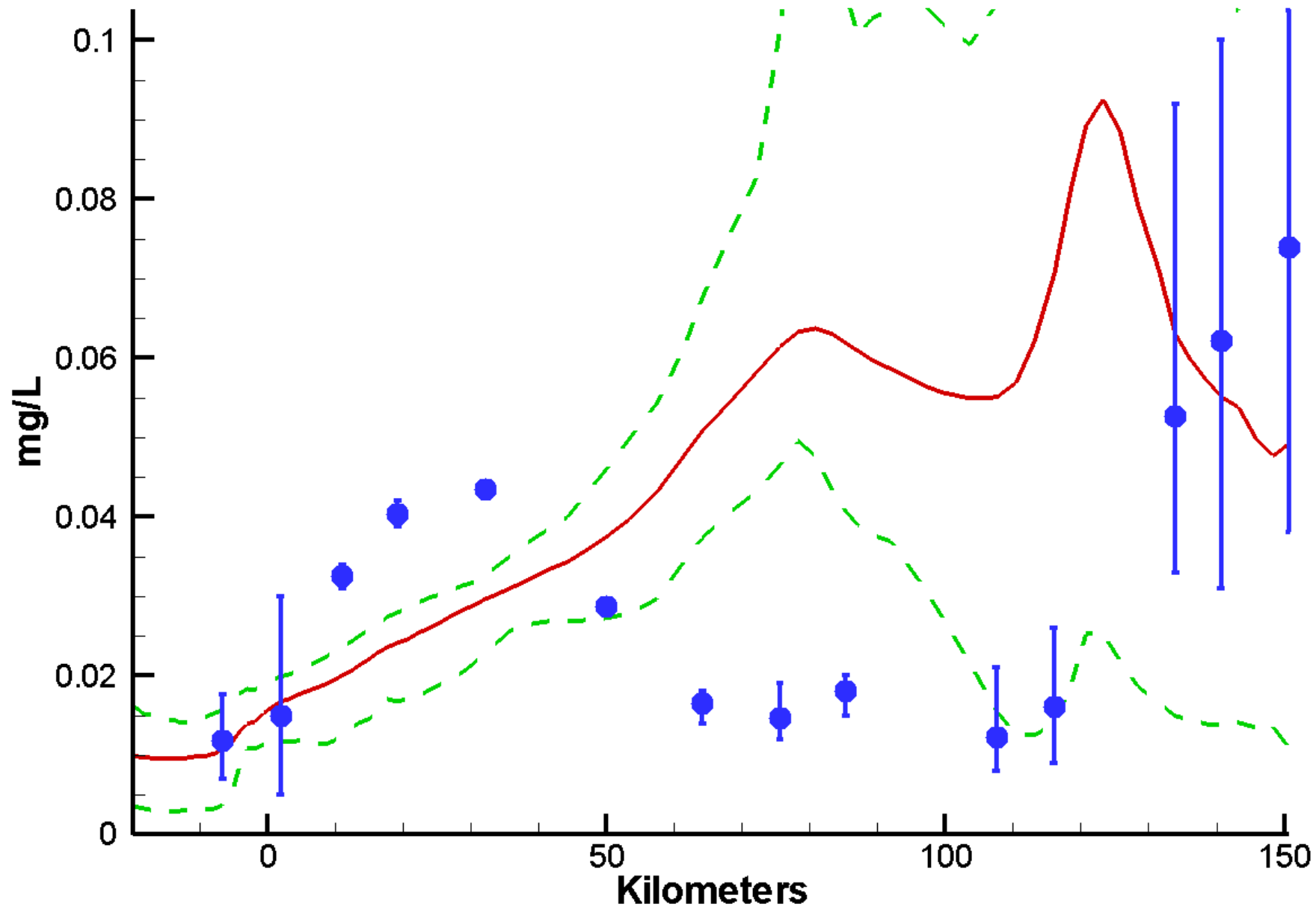
# James River Ches2015 Run118

## Bottom Dissolved Phosphate Fall 1994



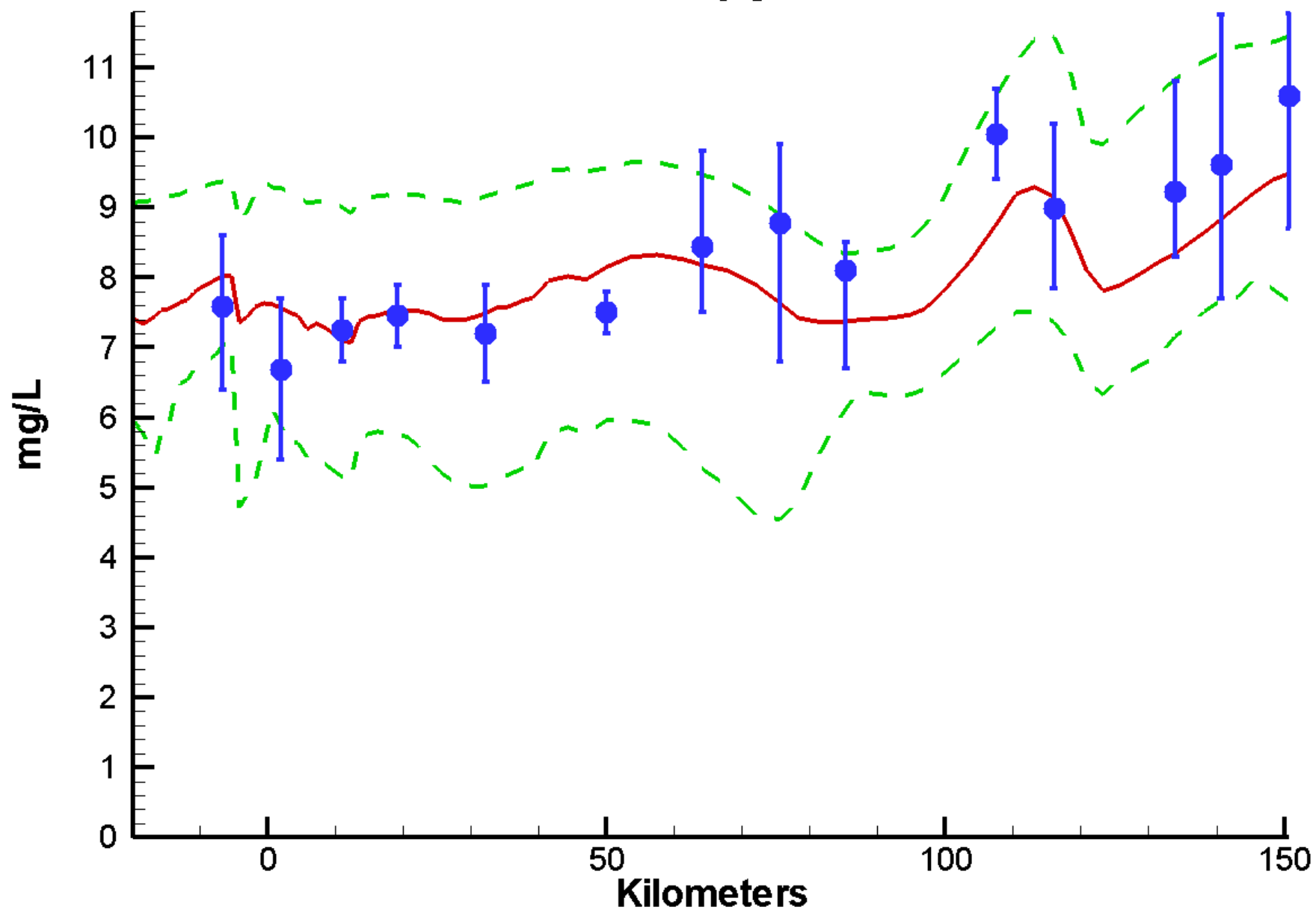
# James River Ches2015 Run118

## Surface Dissolved Phosphate Fall 1994



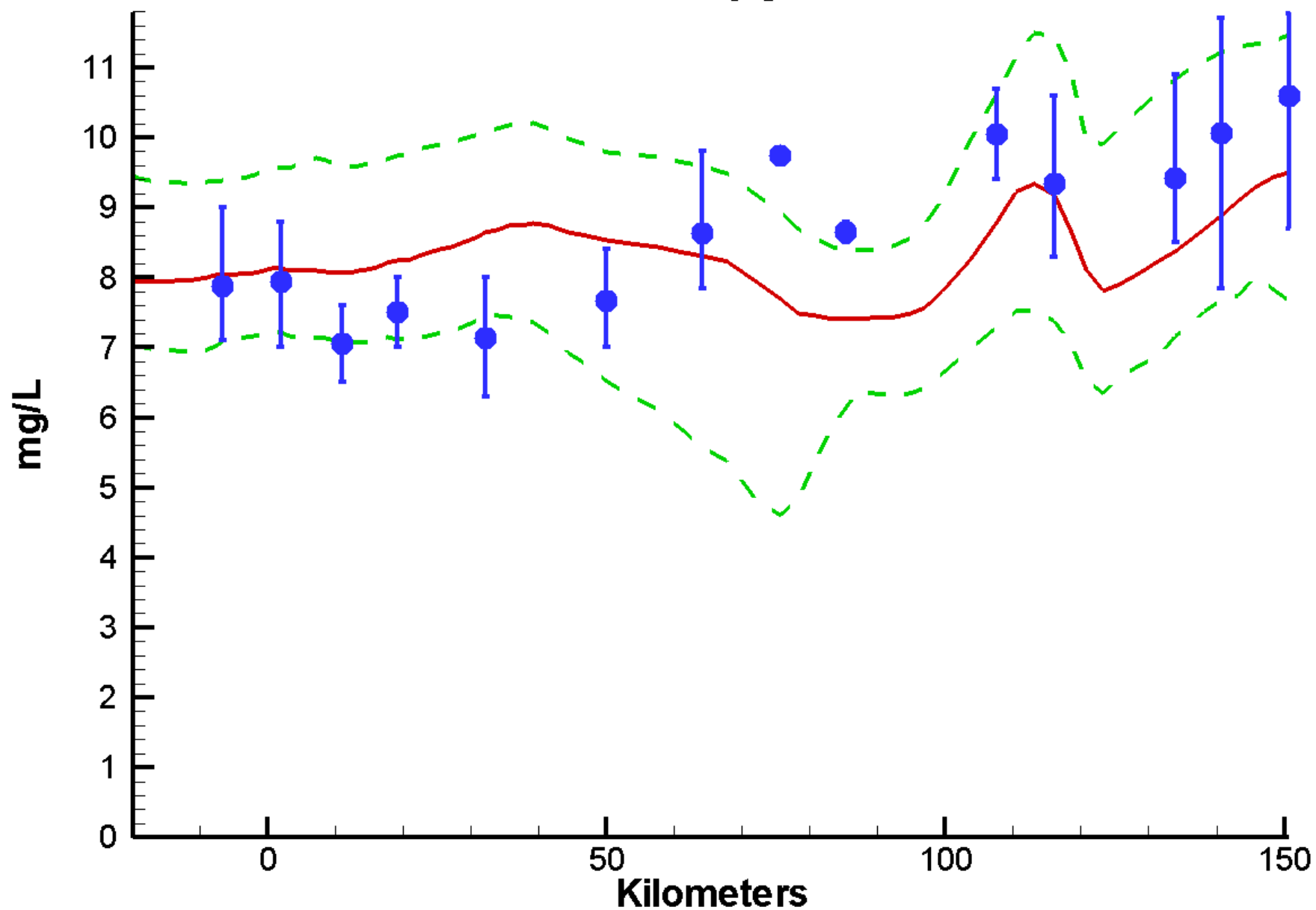
# James River Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1994

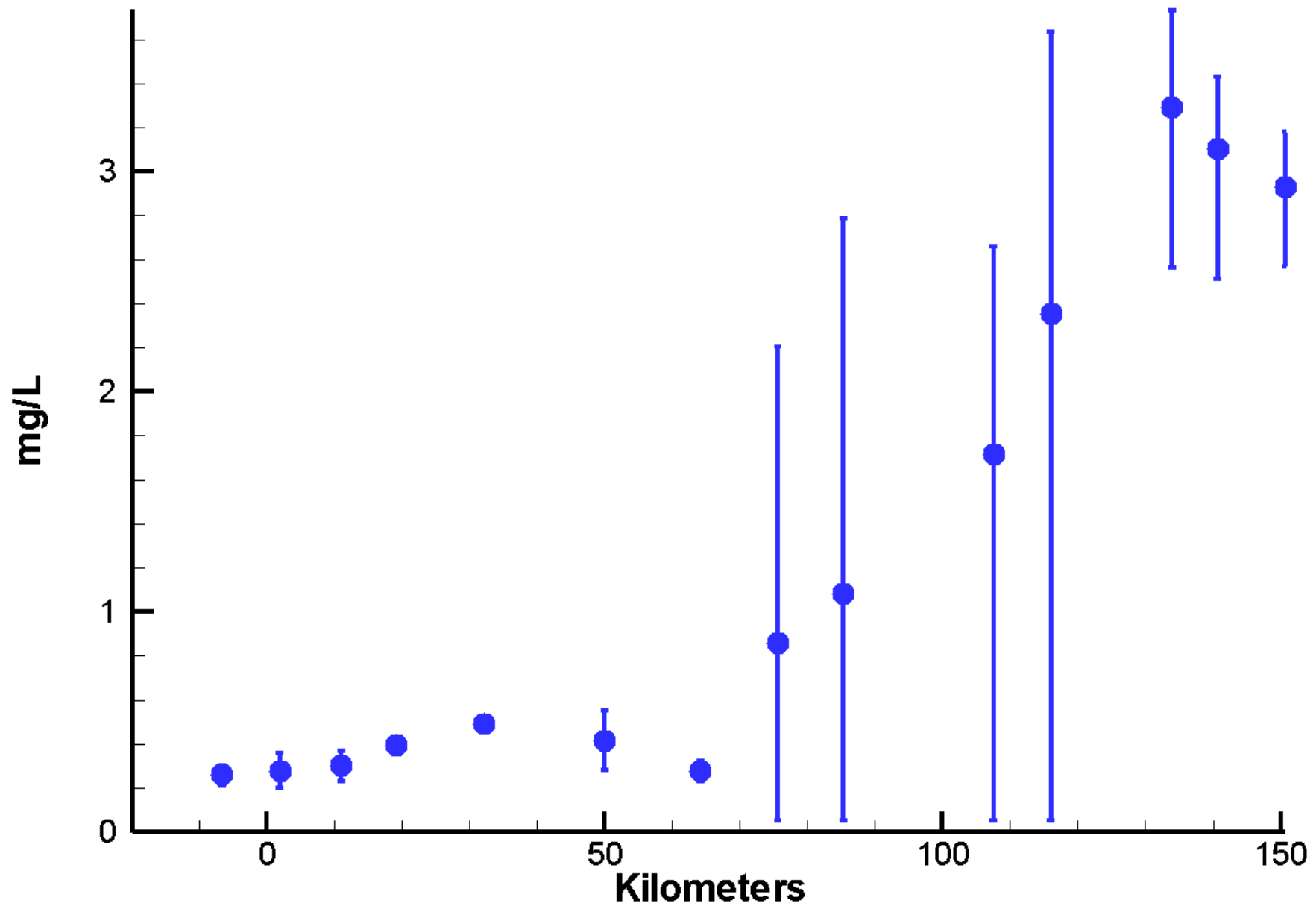


# James River Ches2015 Run118

## Surface Dissolved Oxygen Fall 1994

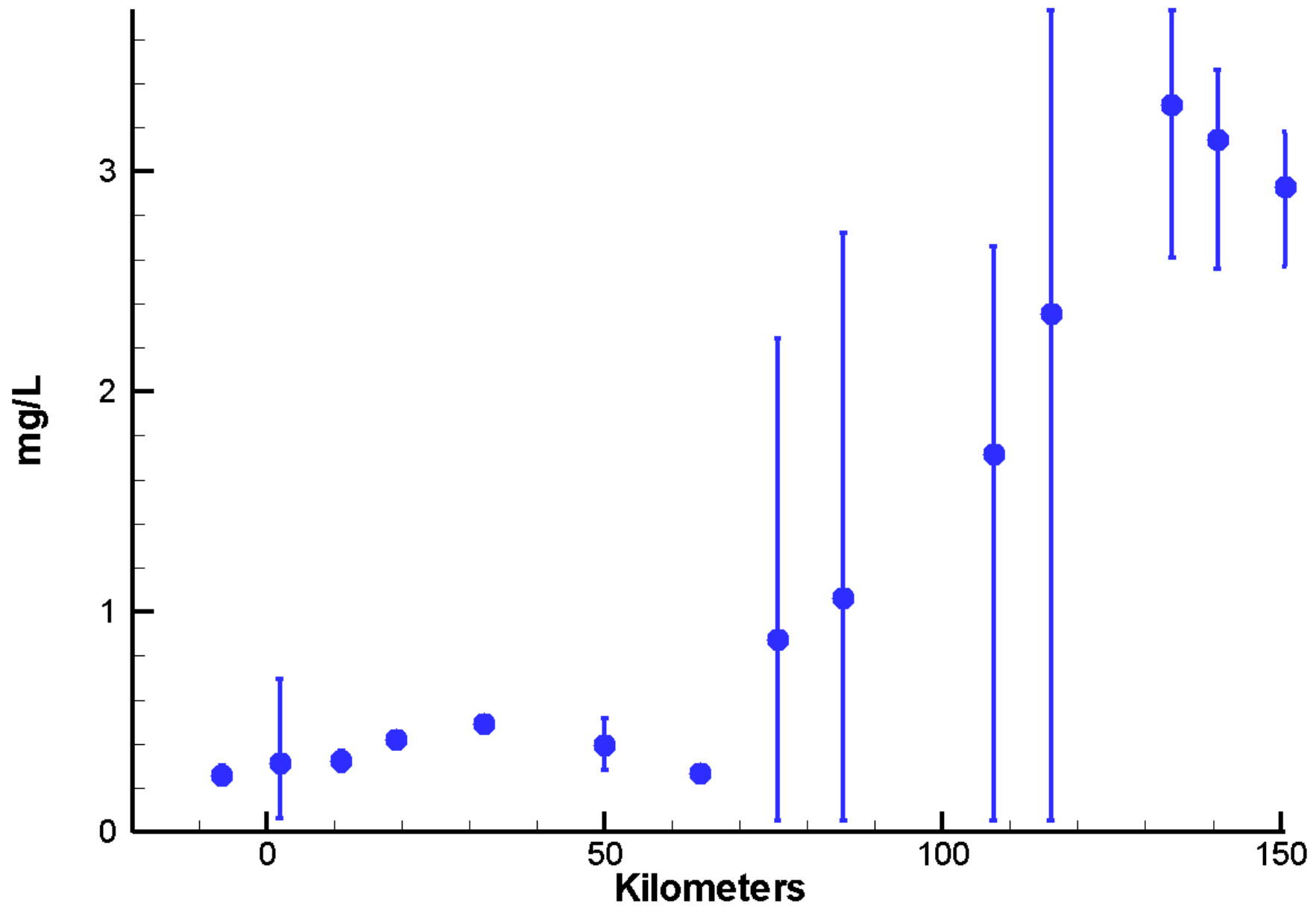


# James River Ches2015 Run118 Bottom Dissolved Silica Fall 1994



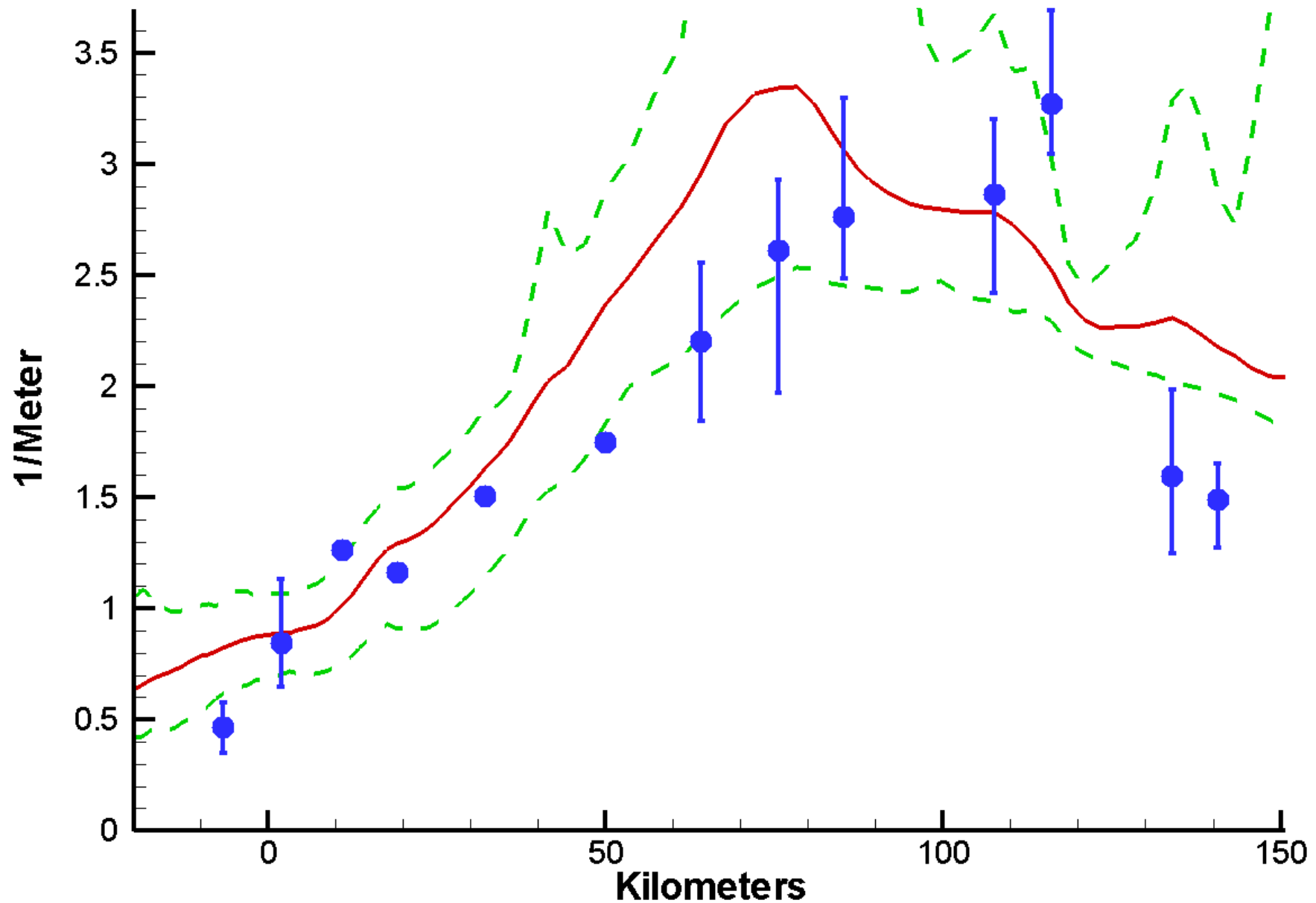


# James River Ches2015 Run118 Surface Dissolved Silica Fall 1994



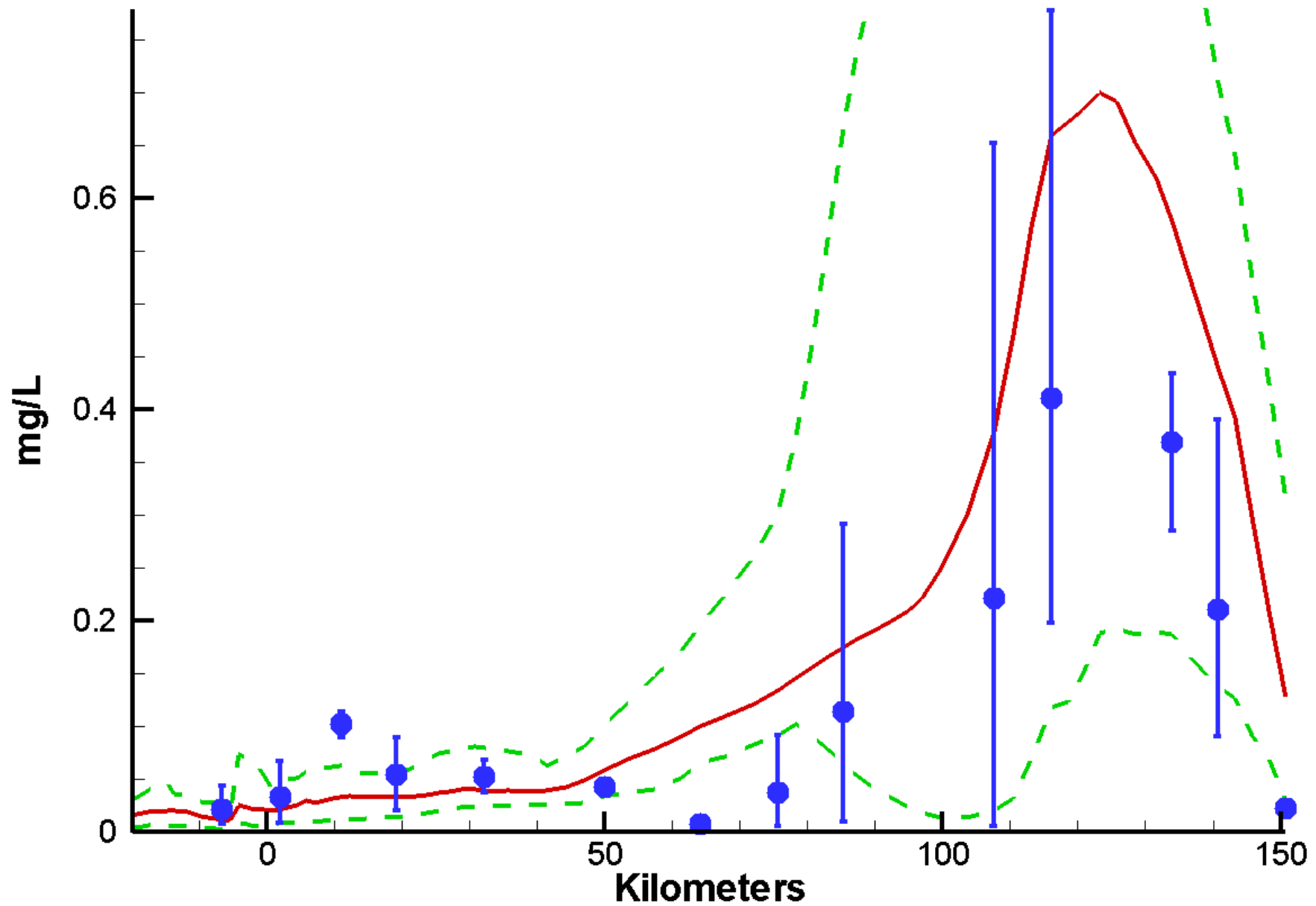
# James River Ches2015 Run118

## Surface Light Extinction Fall 1994

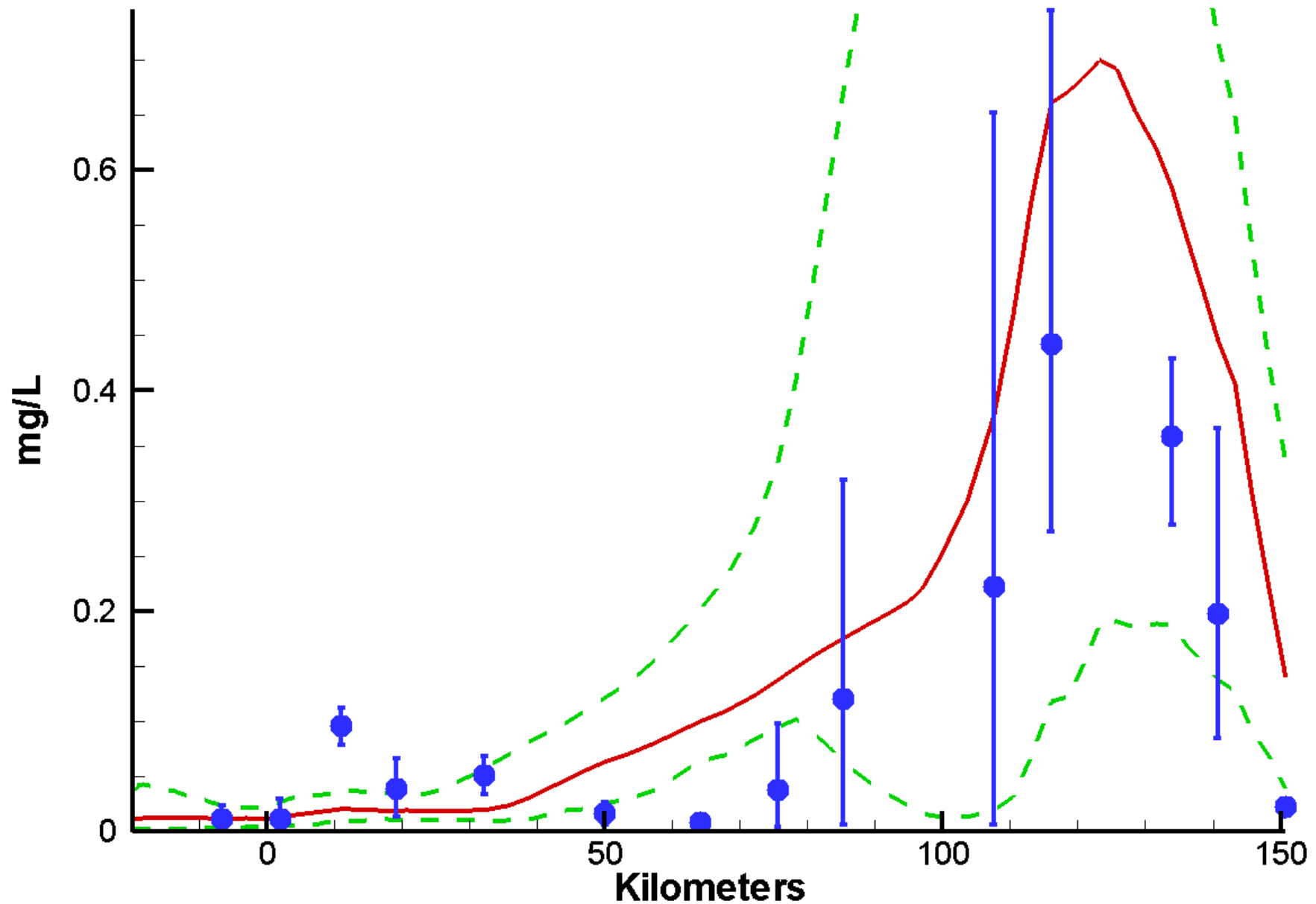


# James River Ches2015 Run118

## Bottom Ammonium Fall 1994

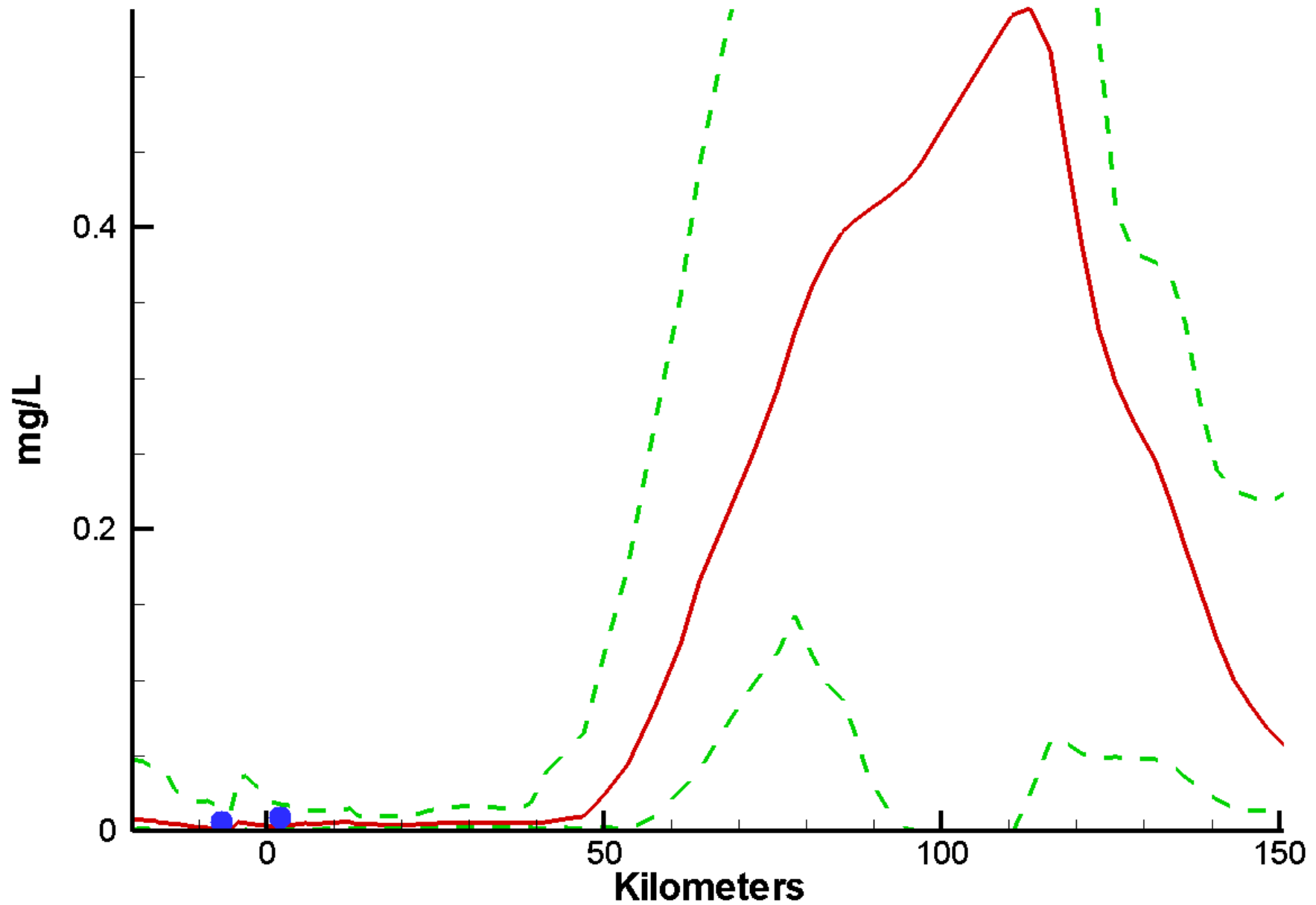


# James River Ches2015 Run118 Surface Ammonium Fall 1994



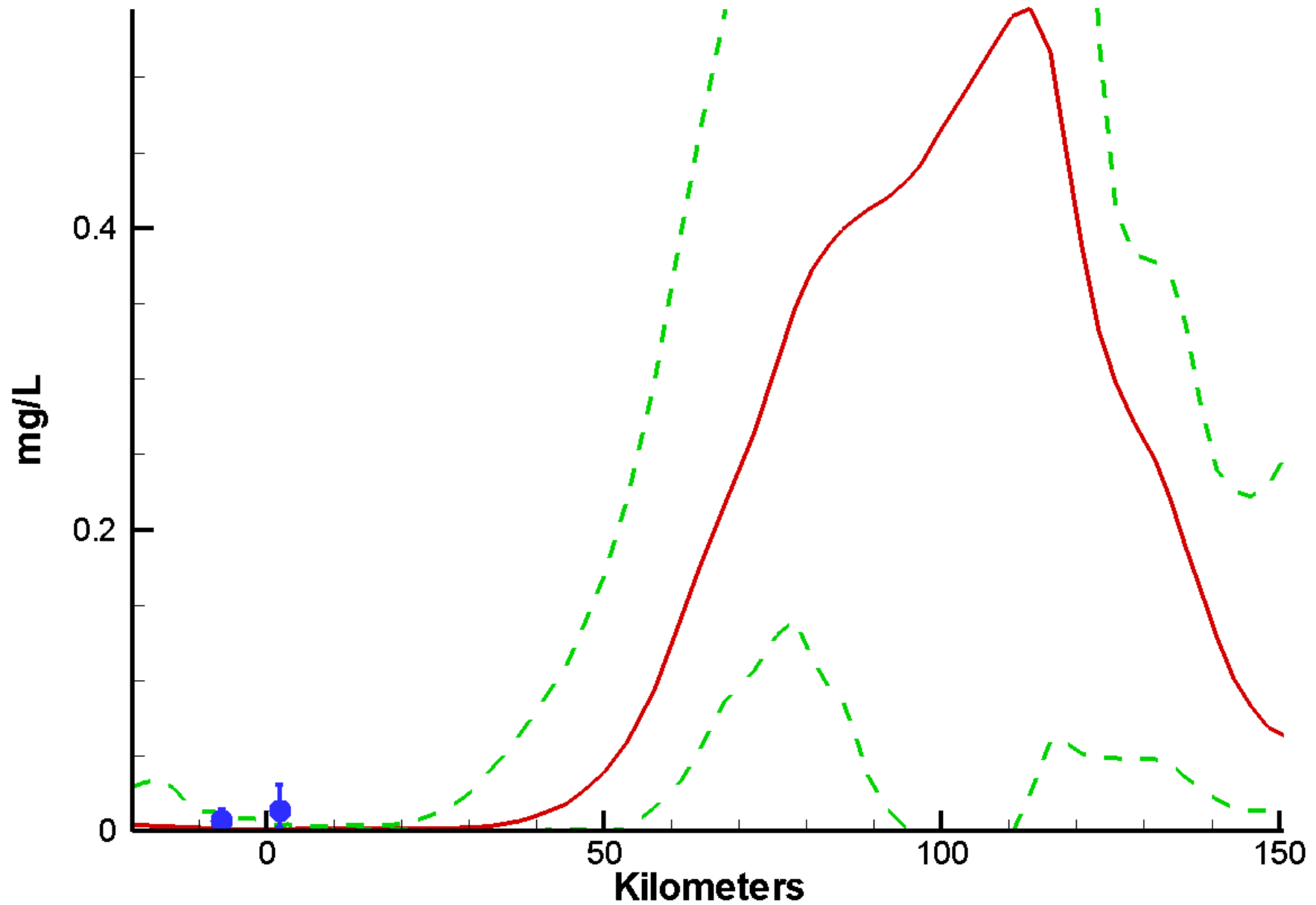
# James River Ches2015 Run118

## Bottom Nitrate Fall 1994



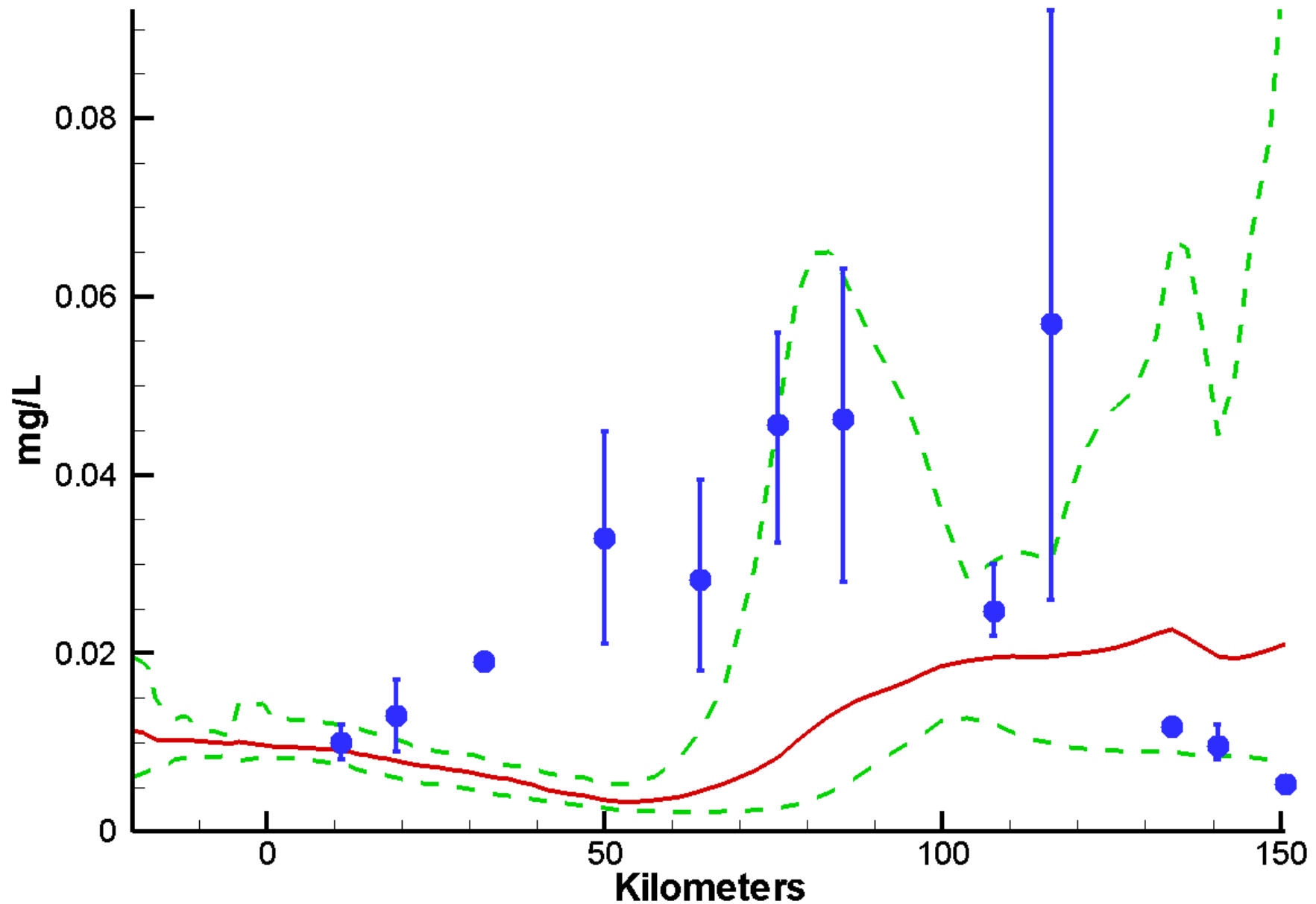
# James River Ches2015 Run118

## Surface Nitrate Fall 1994



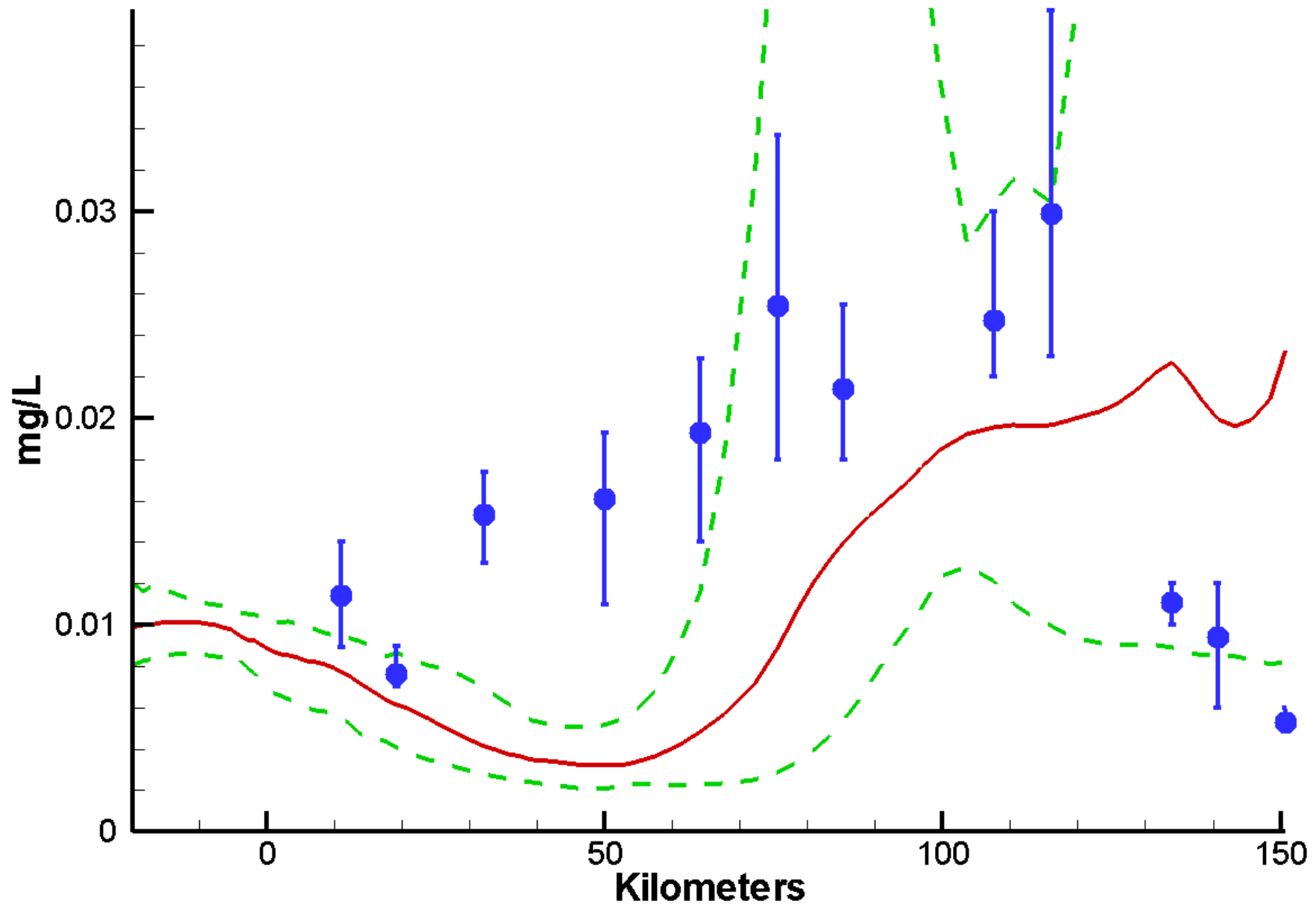
# James River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1994



# James River Ches2015 Run118

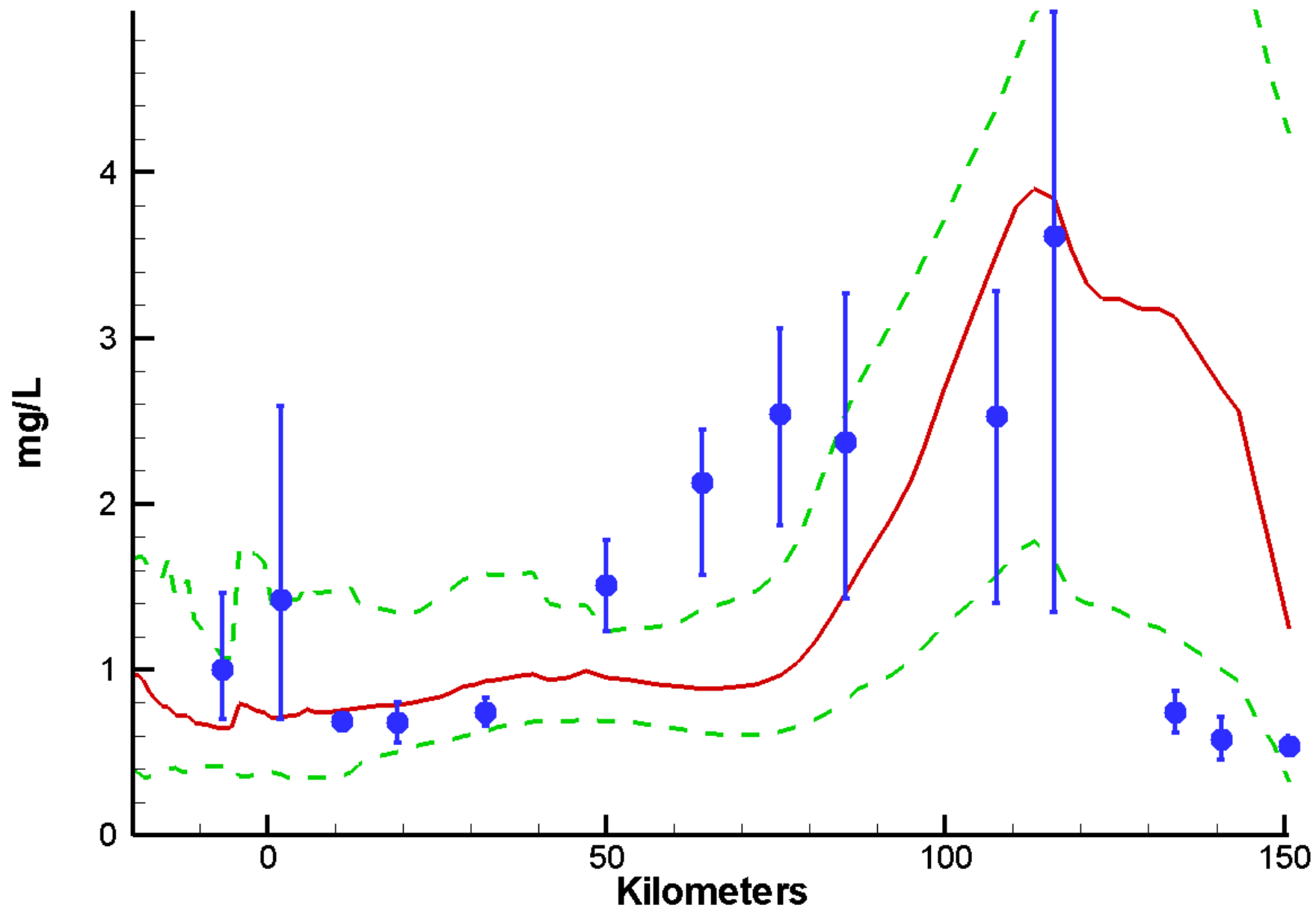
## Surface Particulate Inorganic Phosphorus Fall 1994





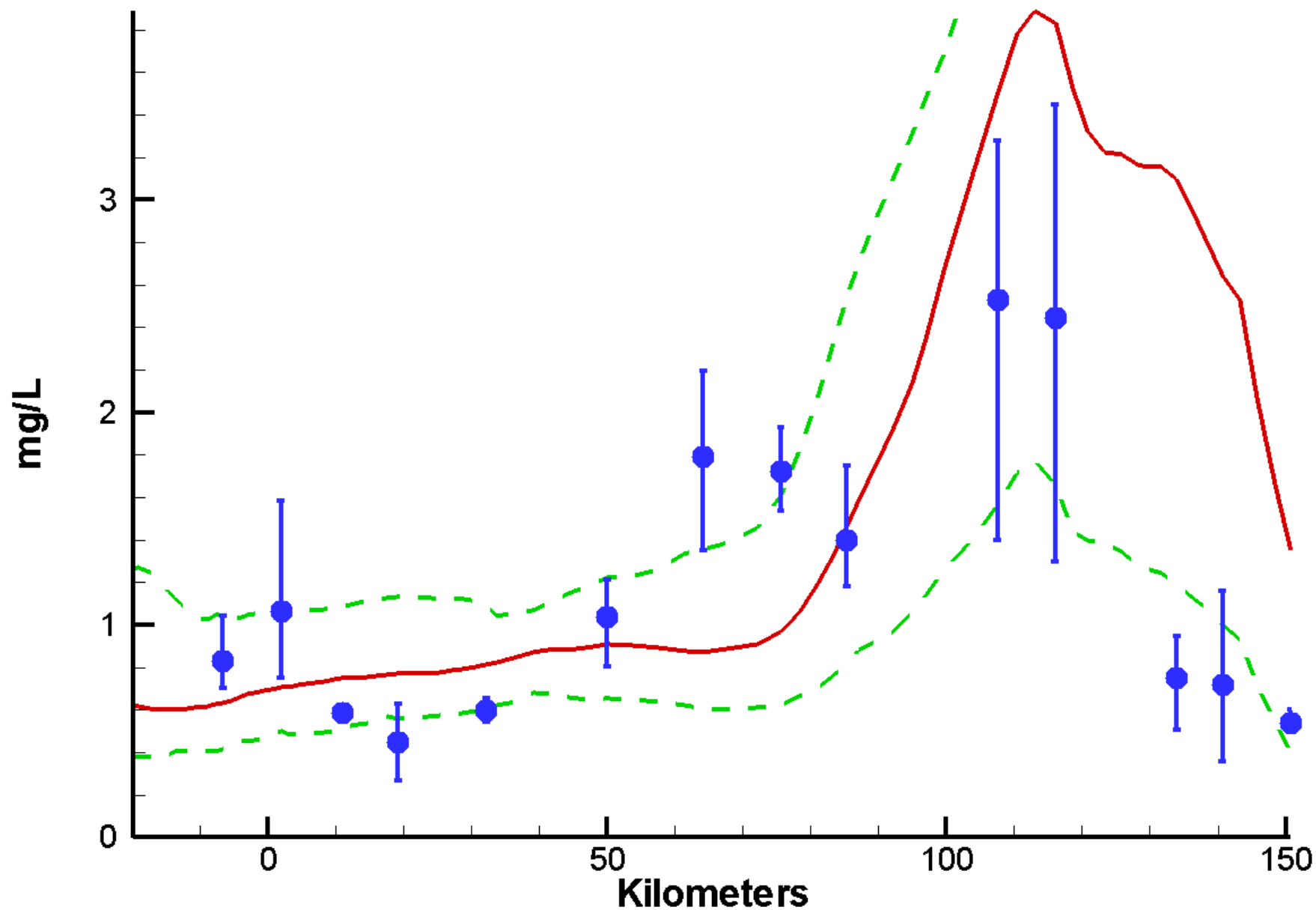
# James River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1994



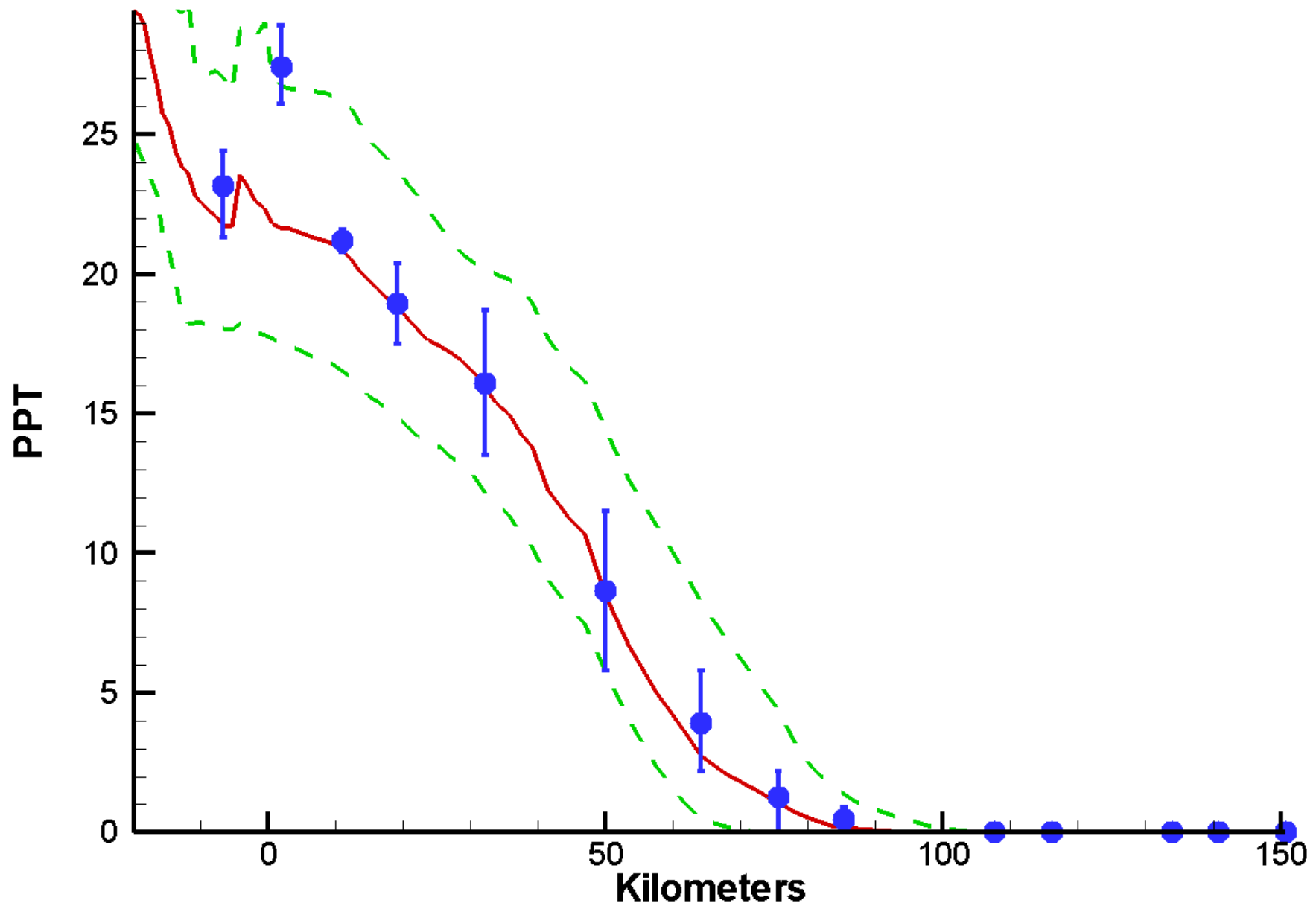
# James River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1994



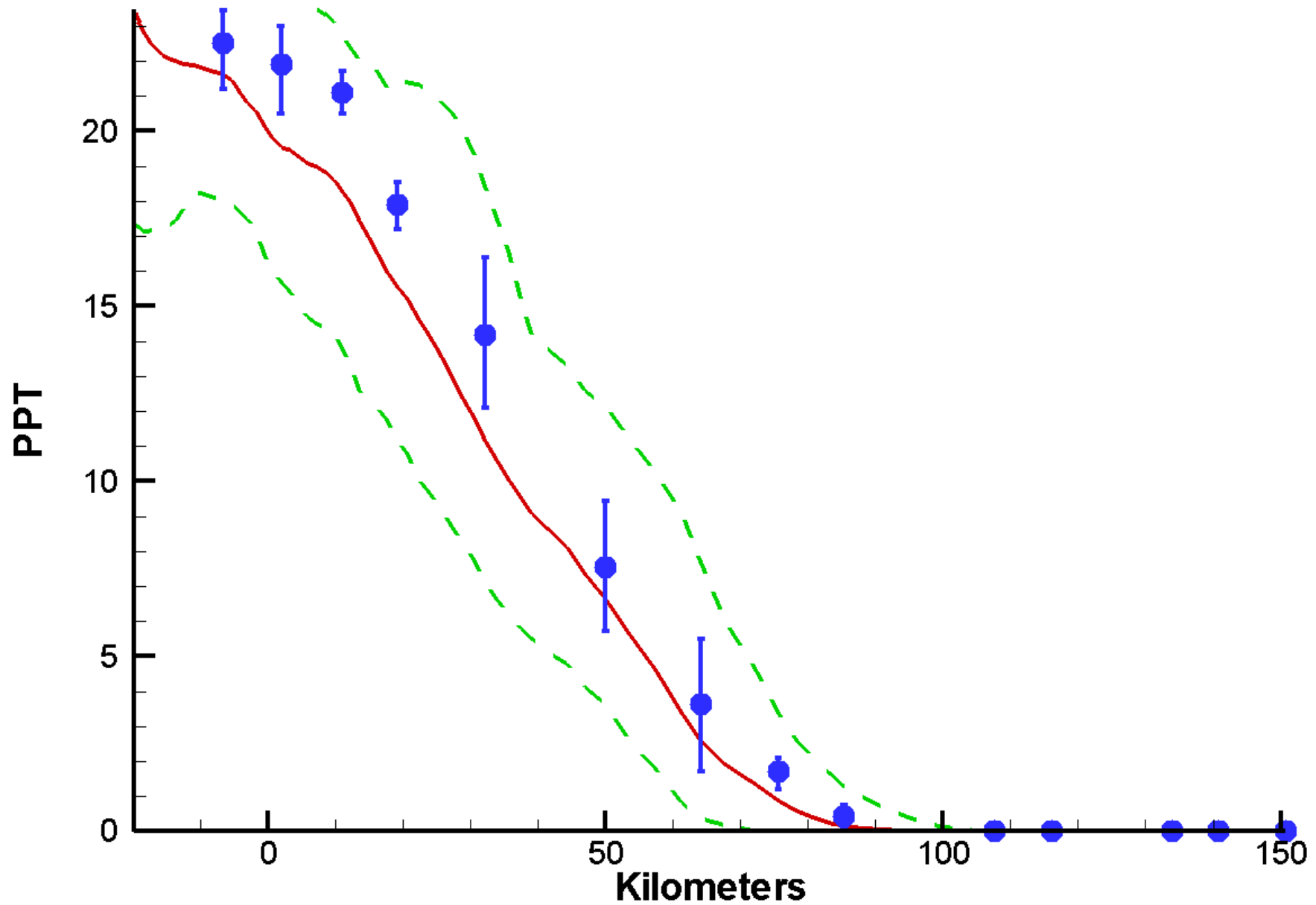
# James River Ches2015 Run118

## Bottom Salinity Fall 1994



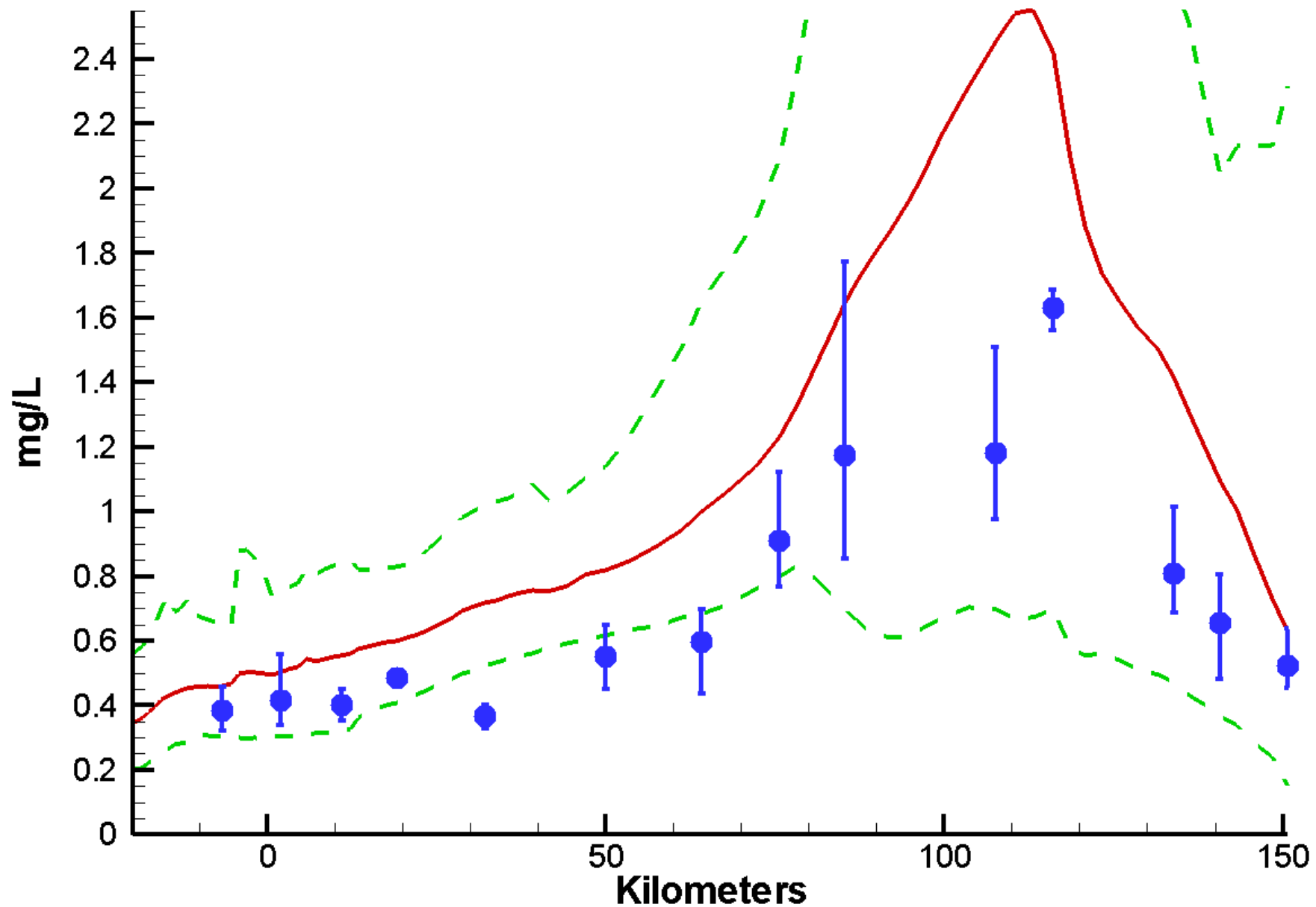
# James River Ches2015 Run118

## Surface Salinity Fall 1994



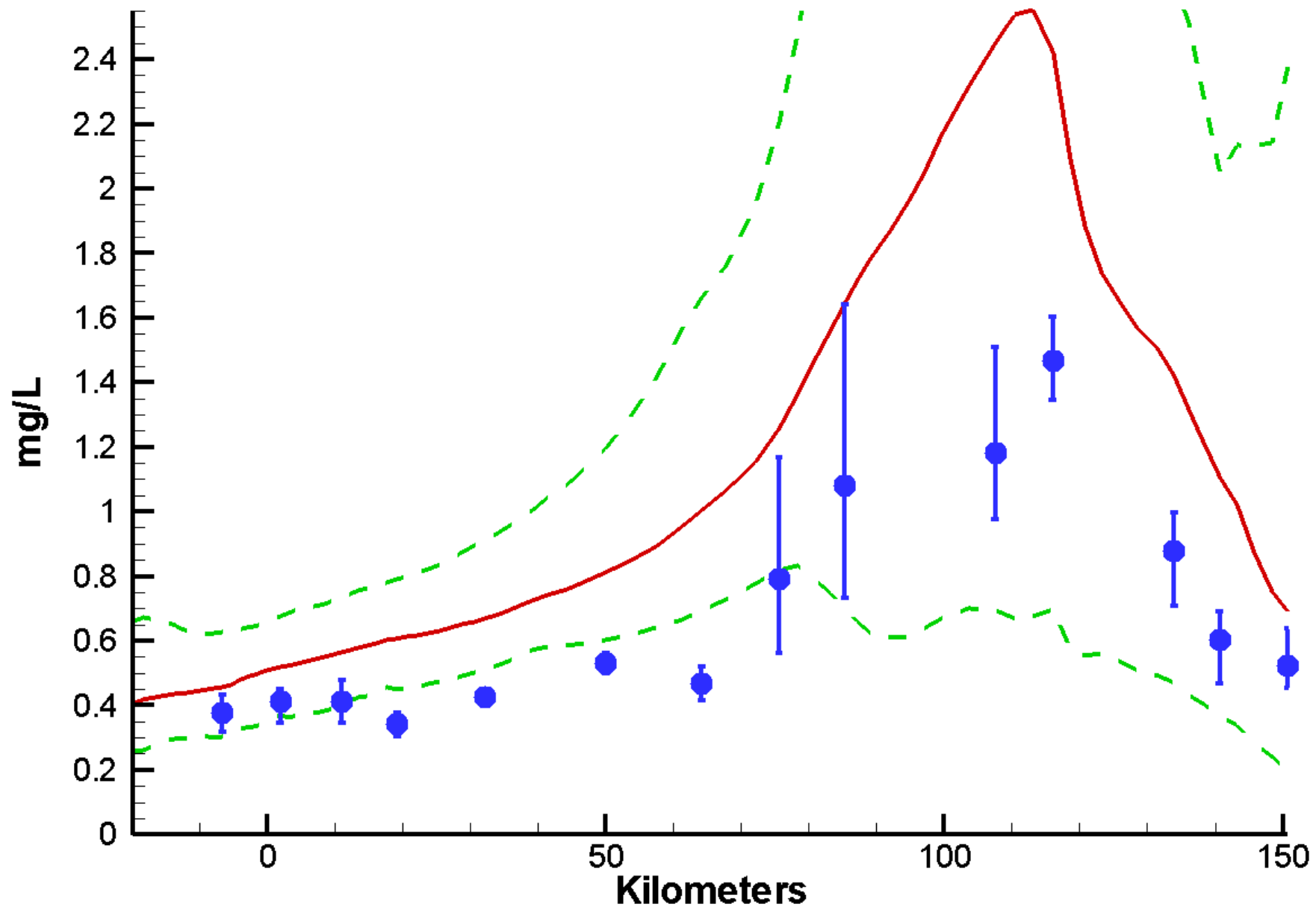
# James River Ches2015 Run118

## Bottom Total Nitrogen Fall 1994



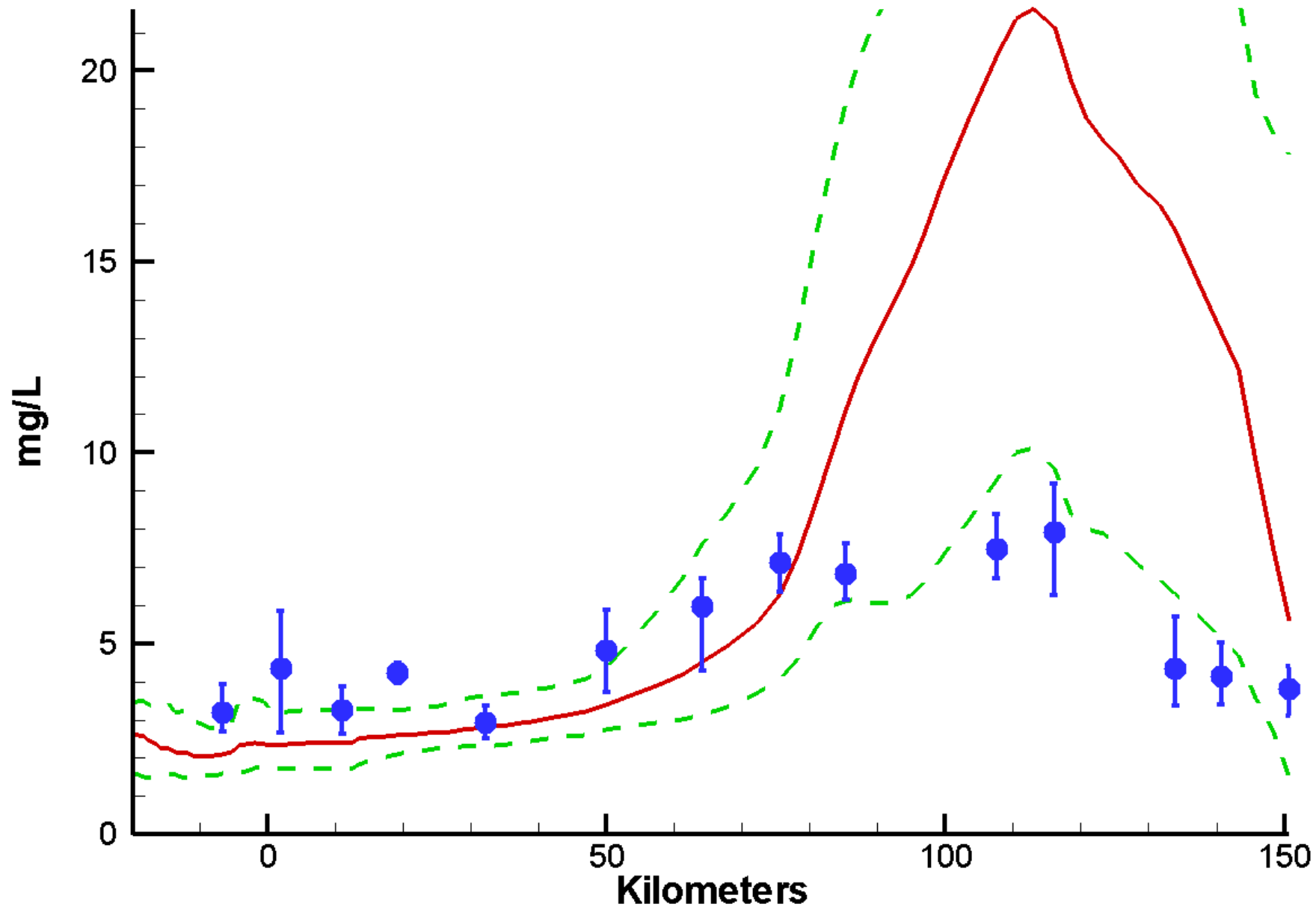
# James River Ches2015 Run118

## Surface Total Nitrogen Fall 1994



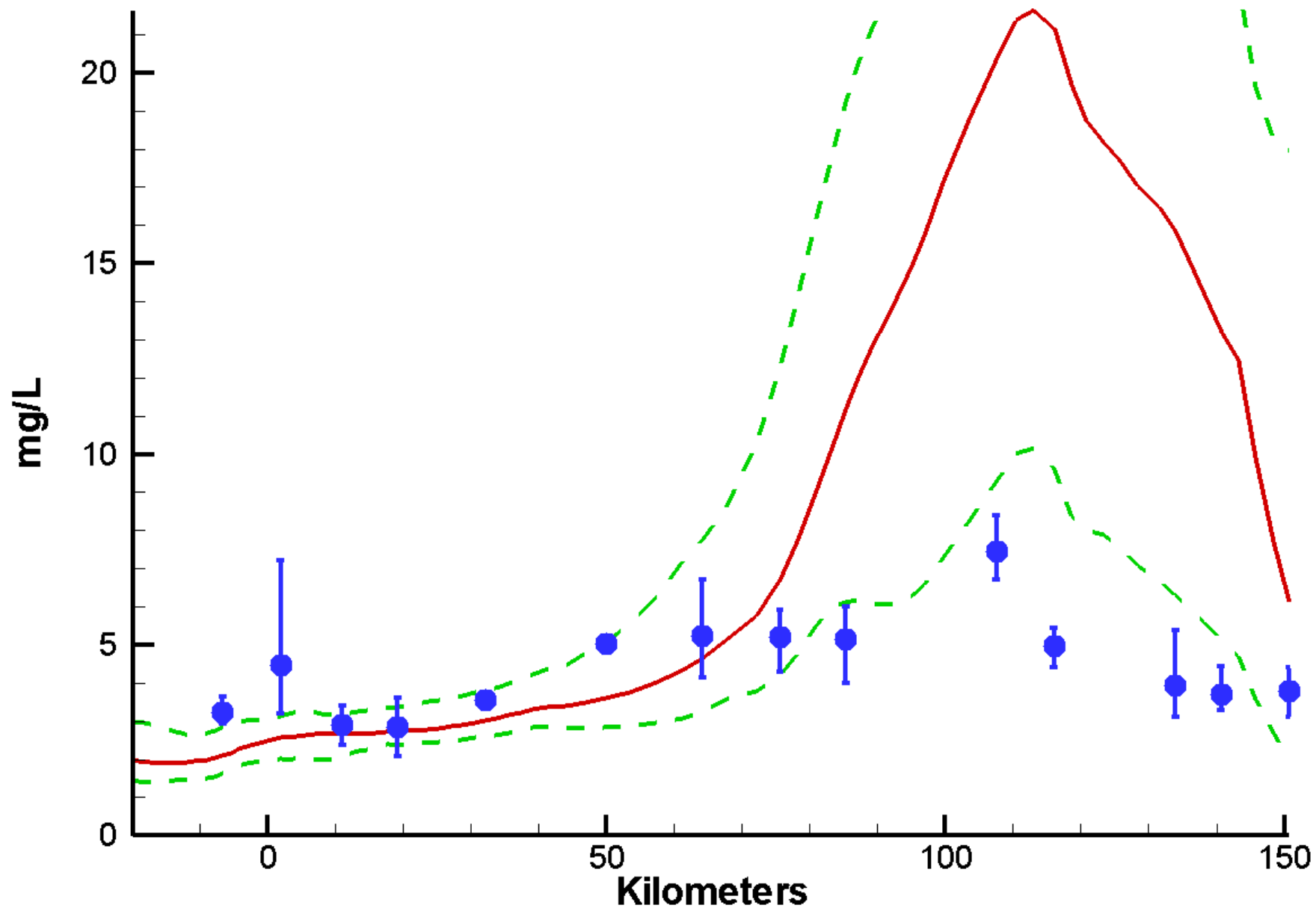
# James River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1994



# James River Ches2015 Run118

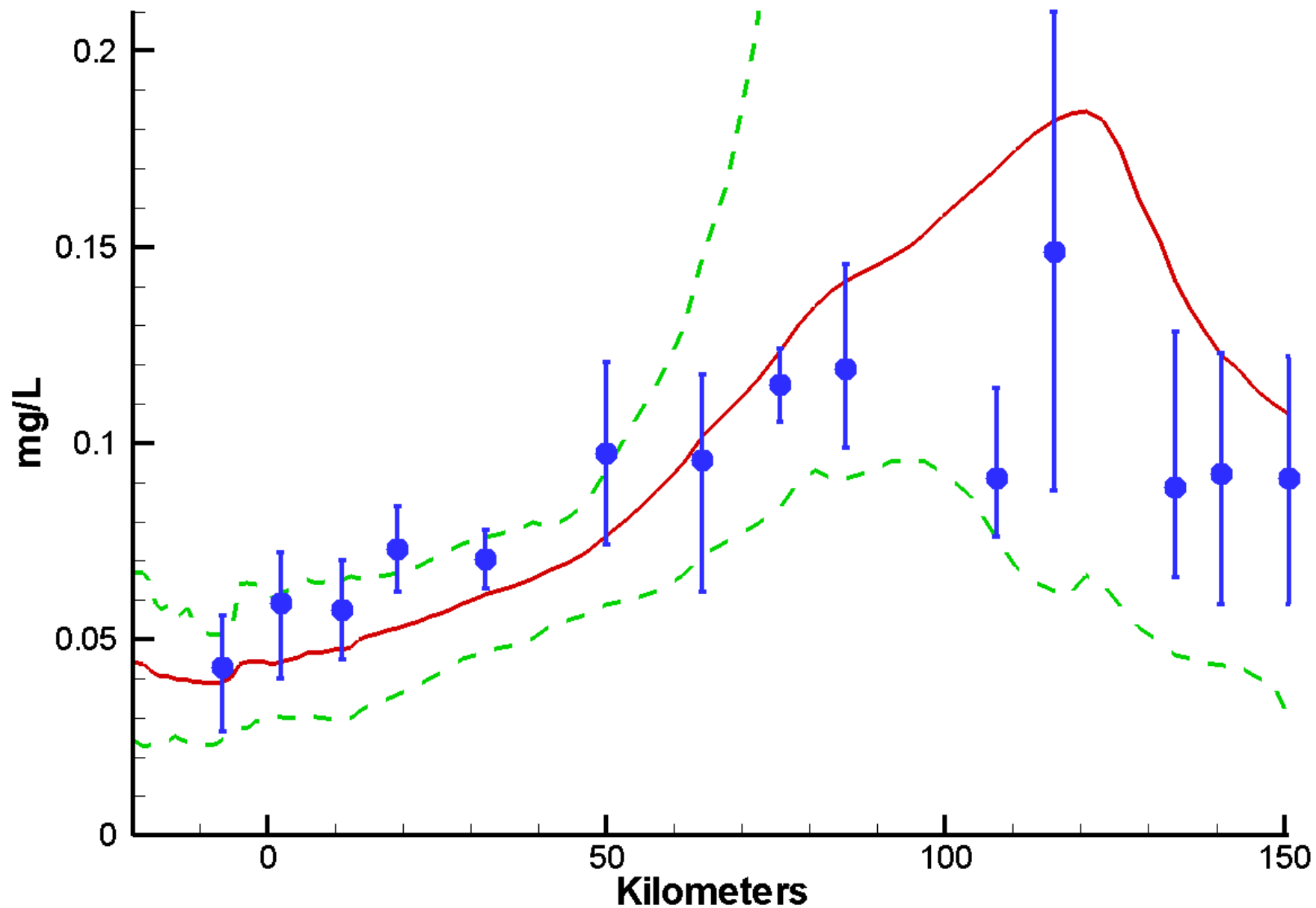
## Surface Total Organic Carbon Fall 1994





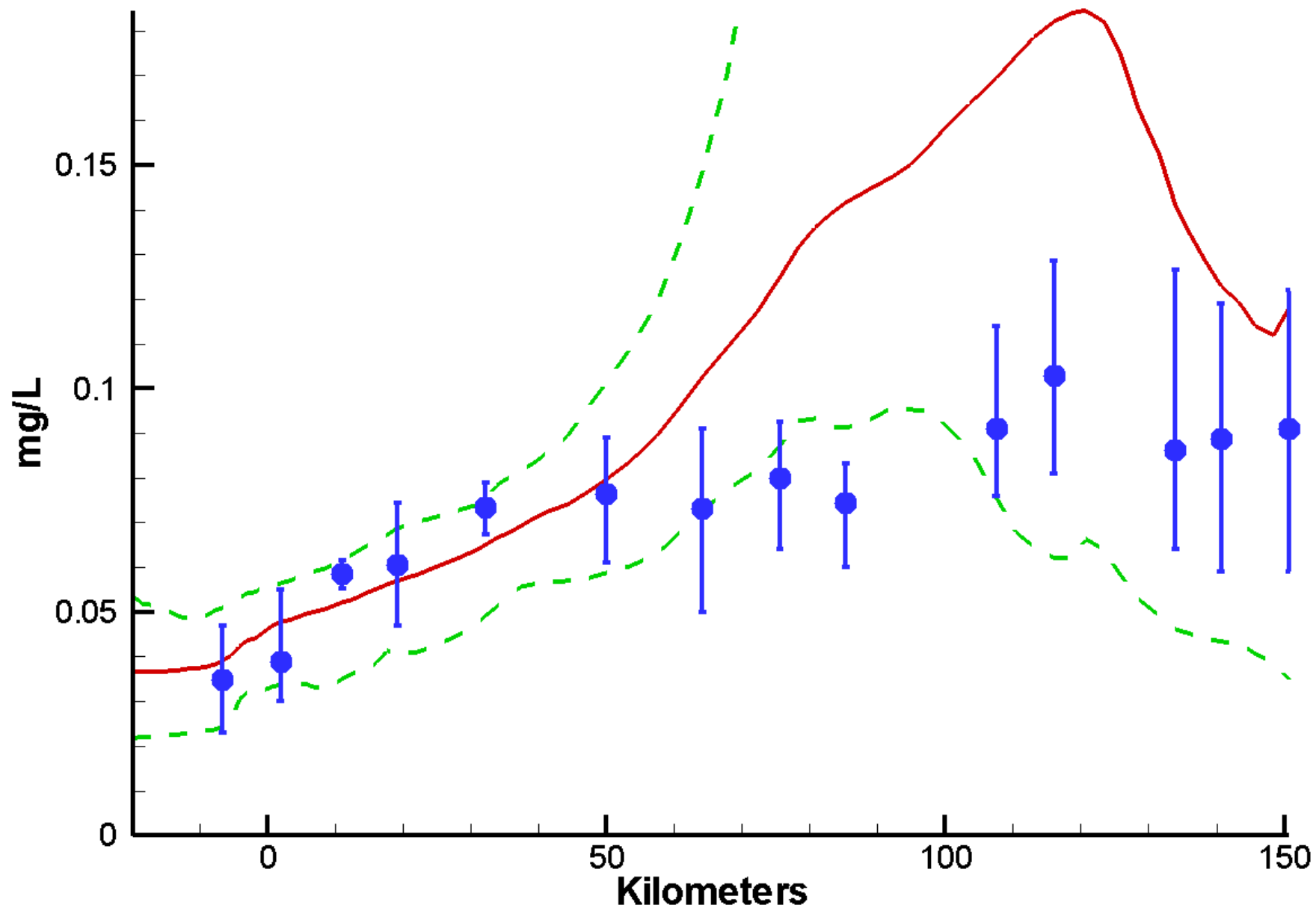
# James River Ches2015 Run118

## Bottom Total Phosphorus Fall 1994



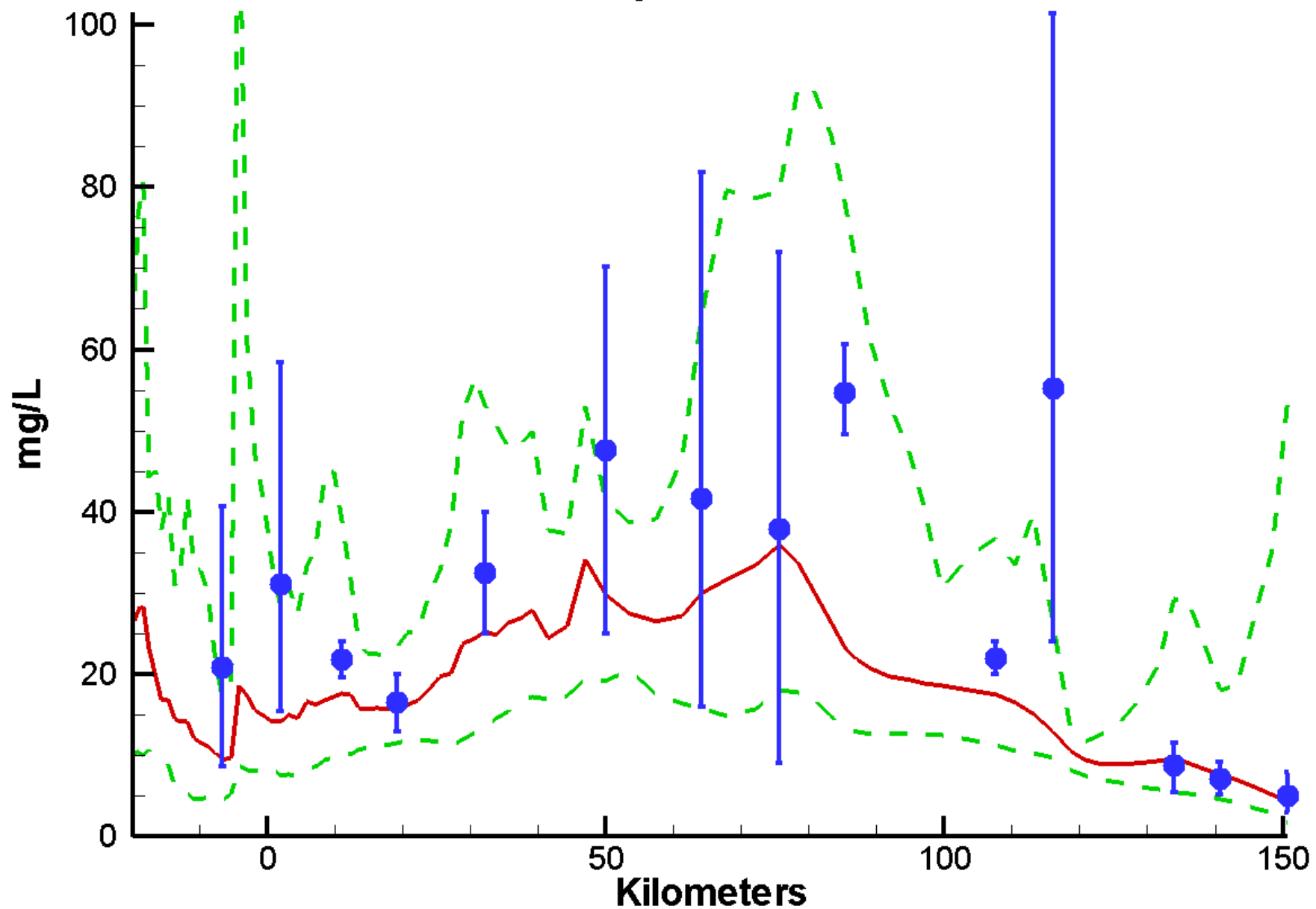
# James River Ches2015 Run118

## Surface Total Phosphorus Fall 1994



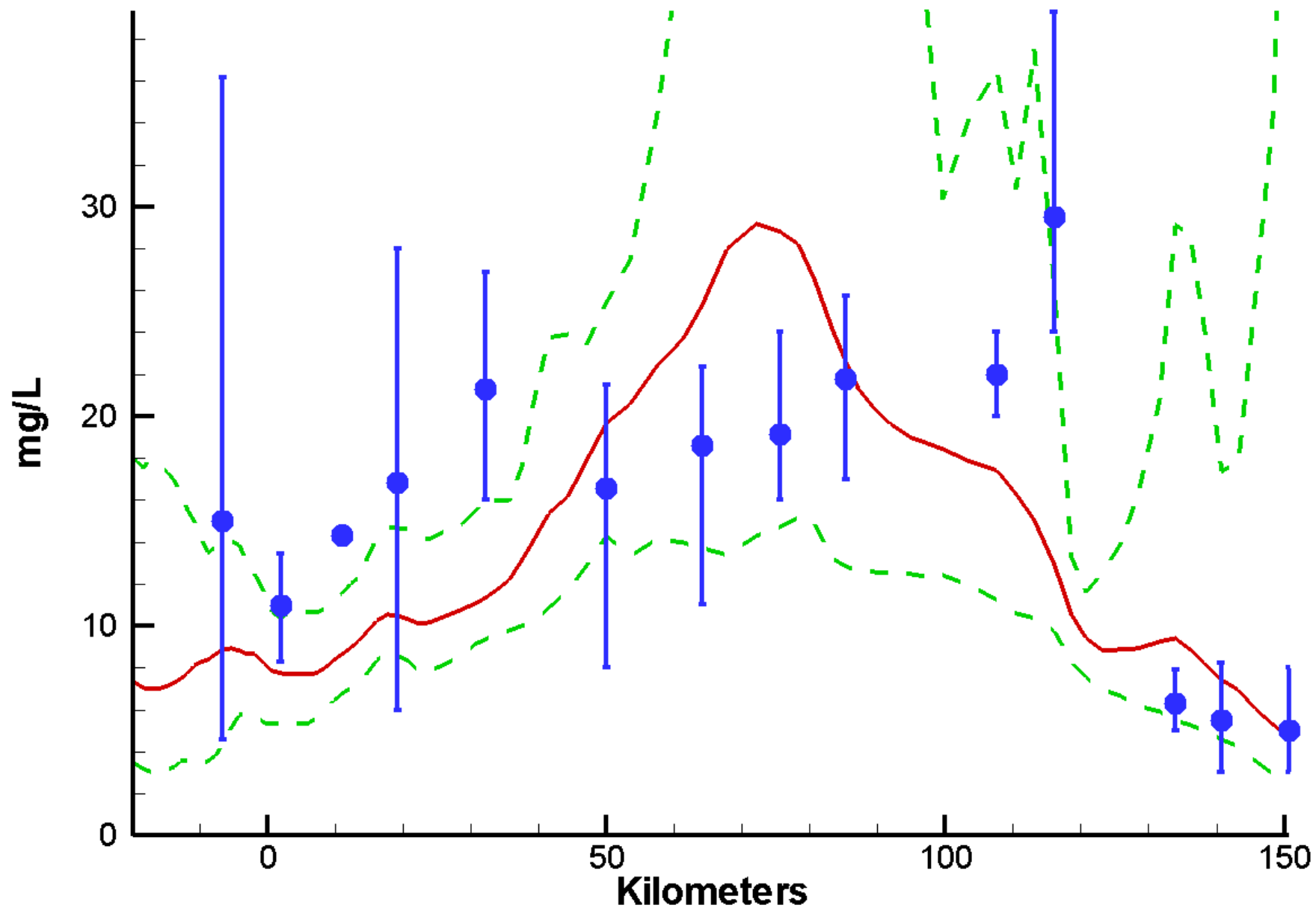
# James River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1994



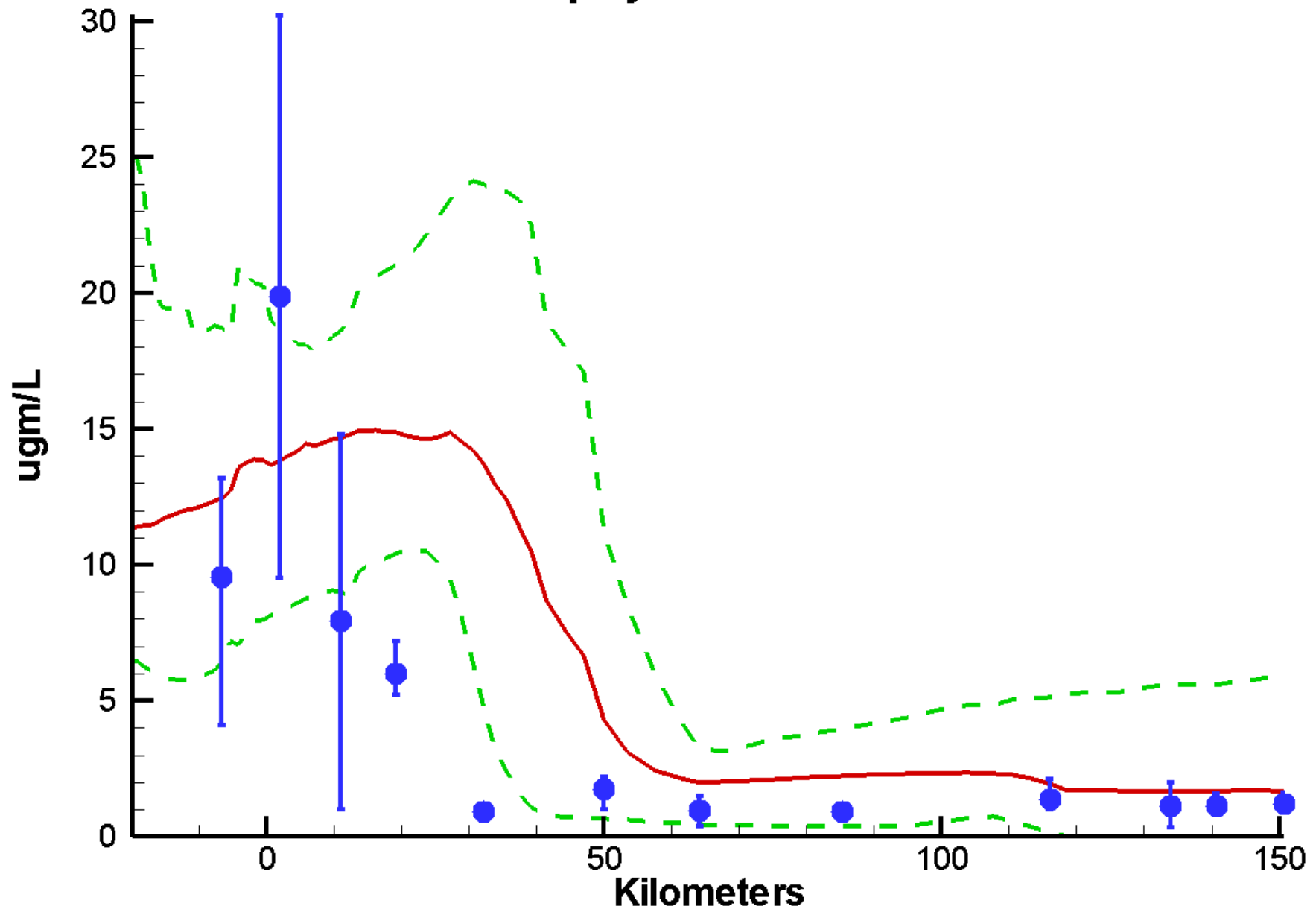
# James River Ches2015 Run118

## Surface Total Suspended Solids Fall 1994

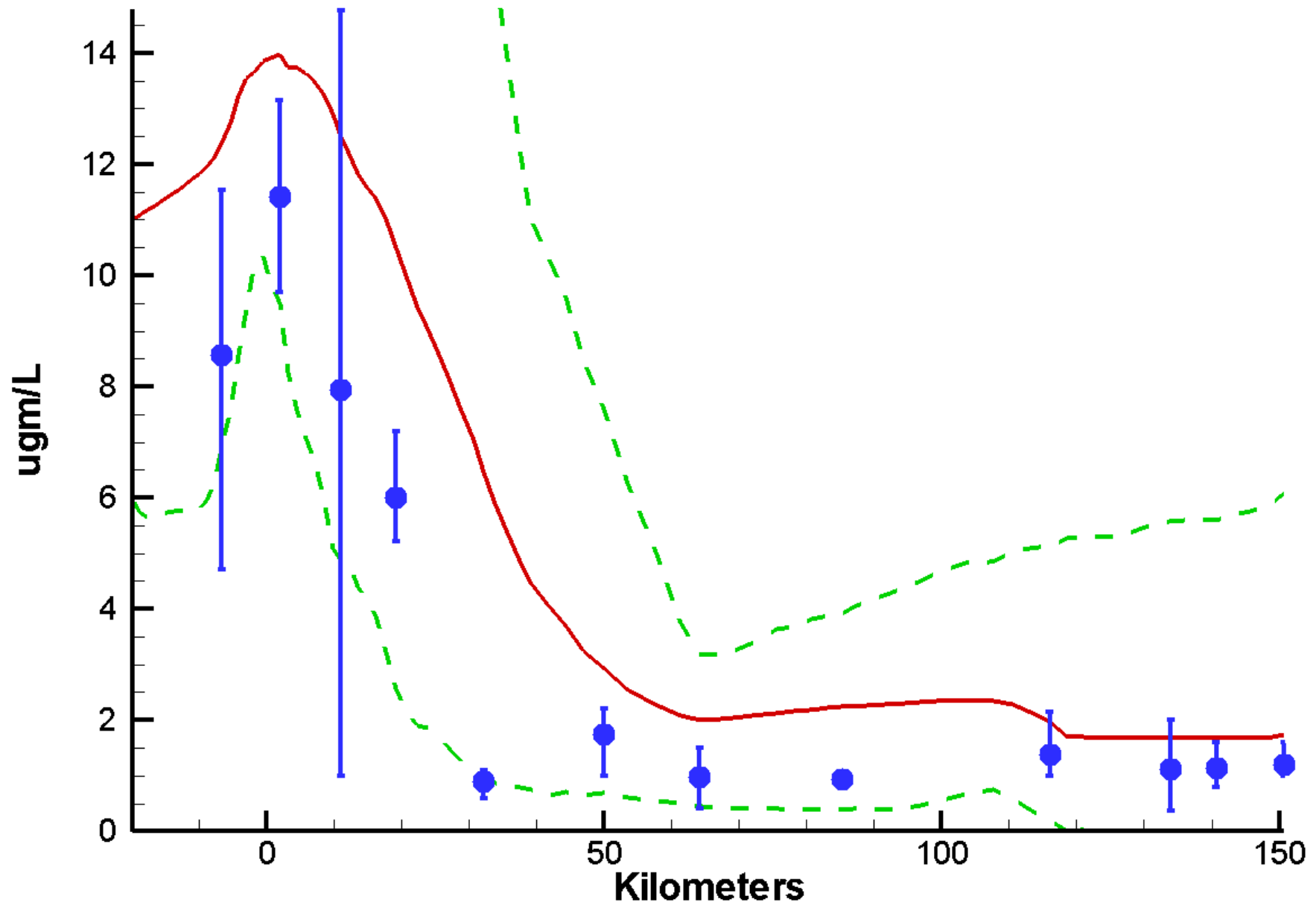


# James River Ches2015 Run118

## Bottom Chlorophyll Winter 1996

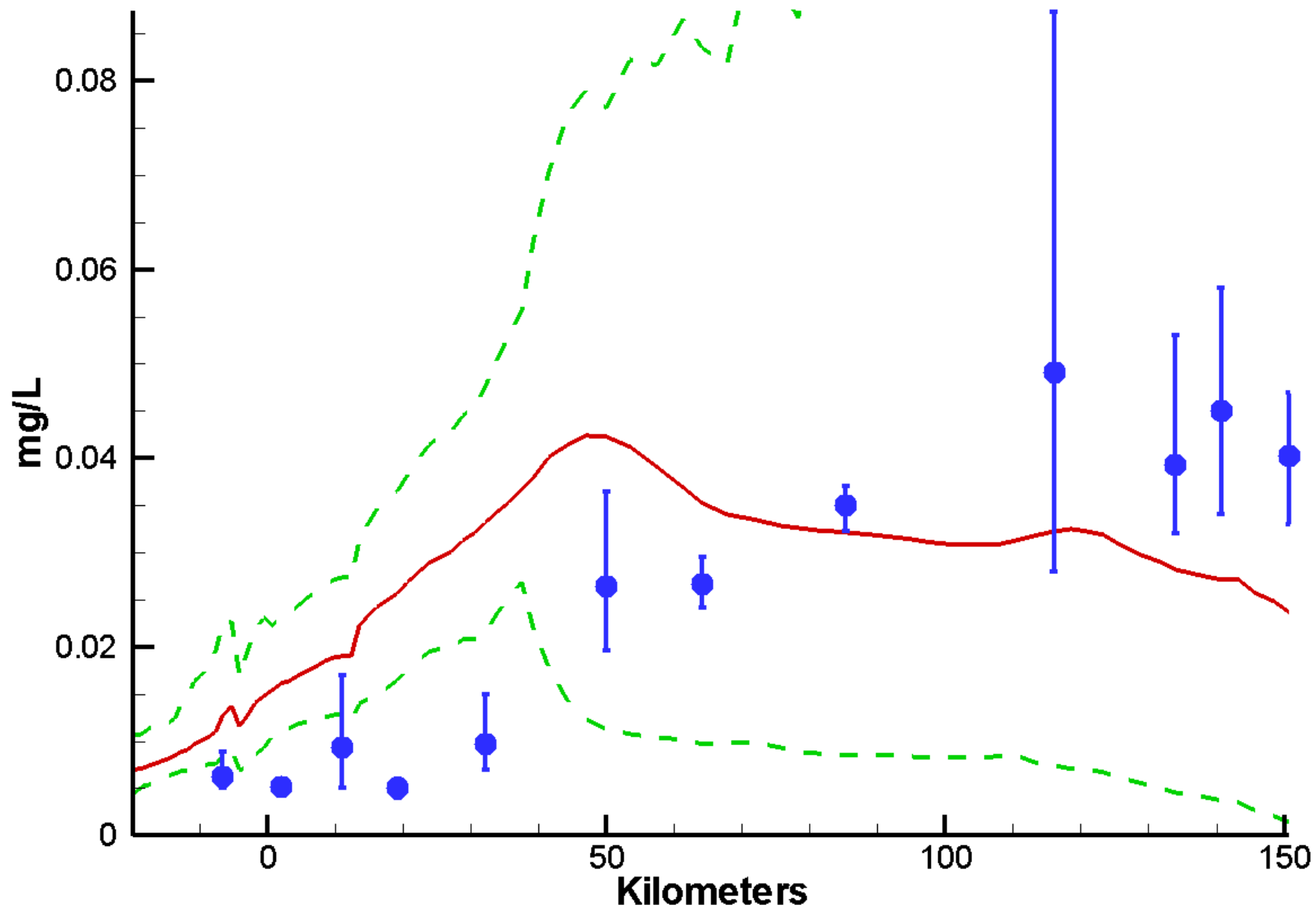


# James River Ches2015 Run118 Surface Chlorophyll Winter 1996



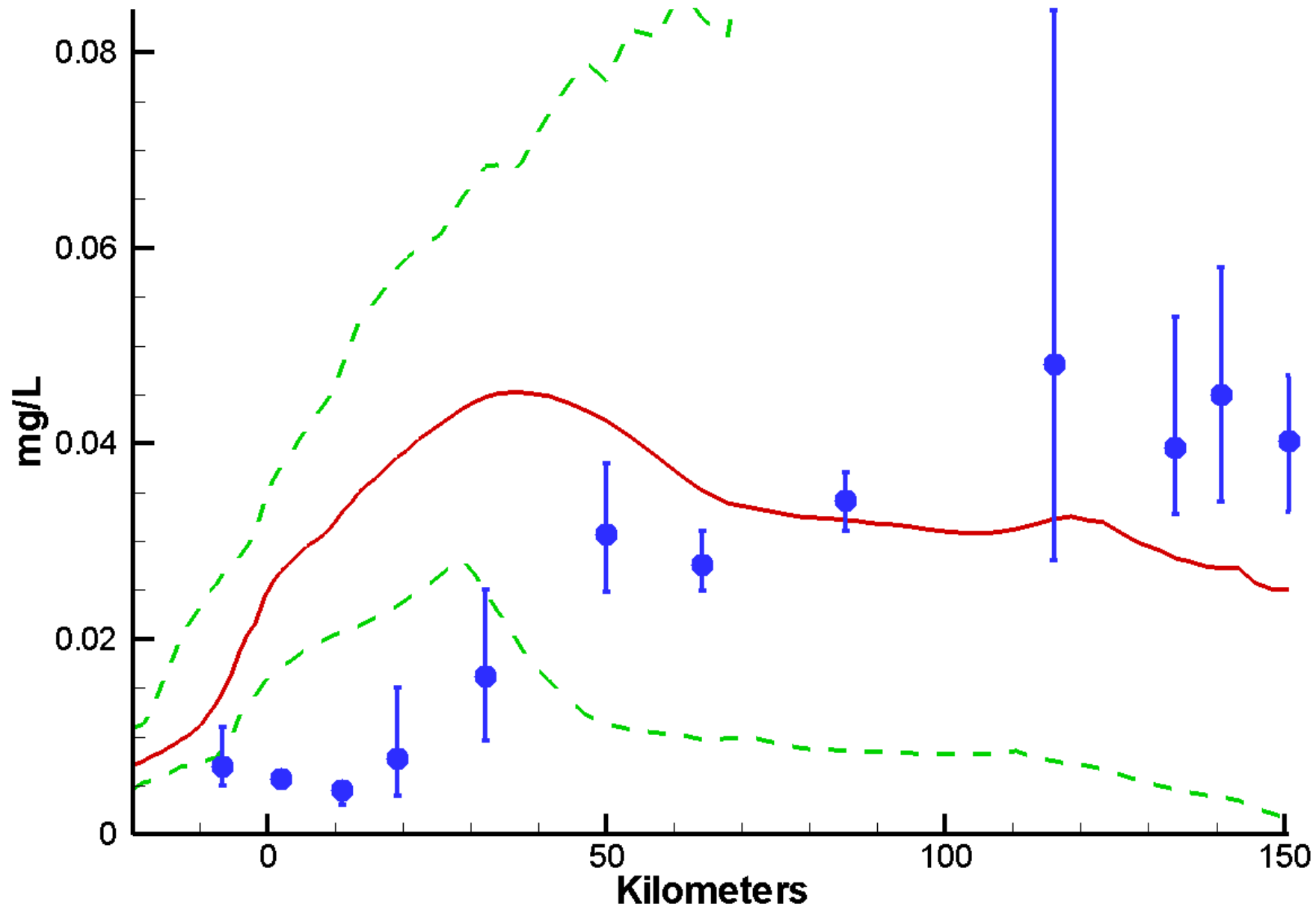
# James River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1996



# James River Ches2015 Run118

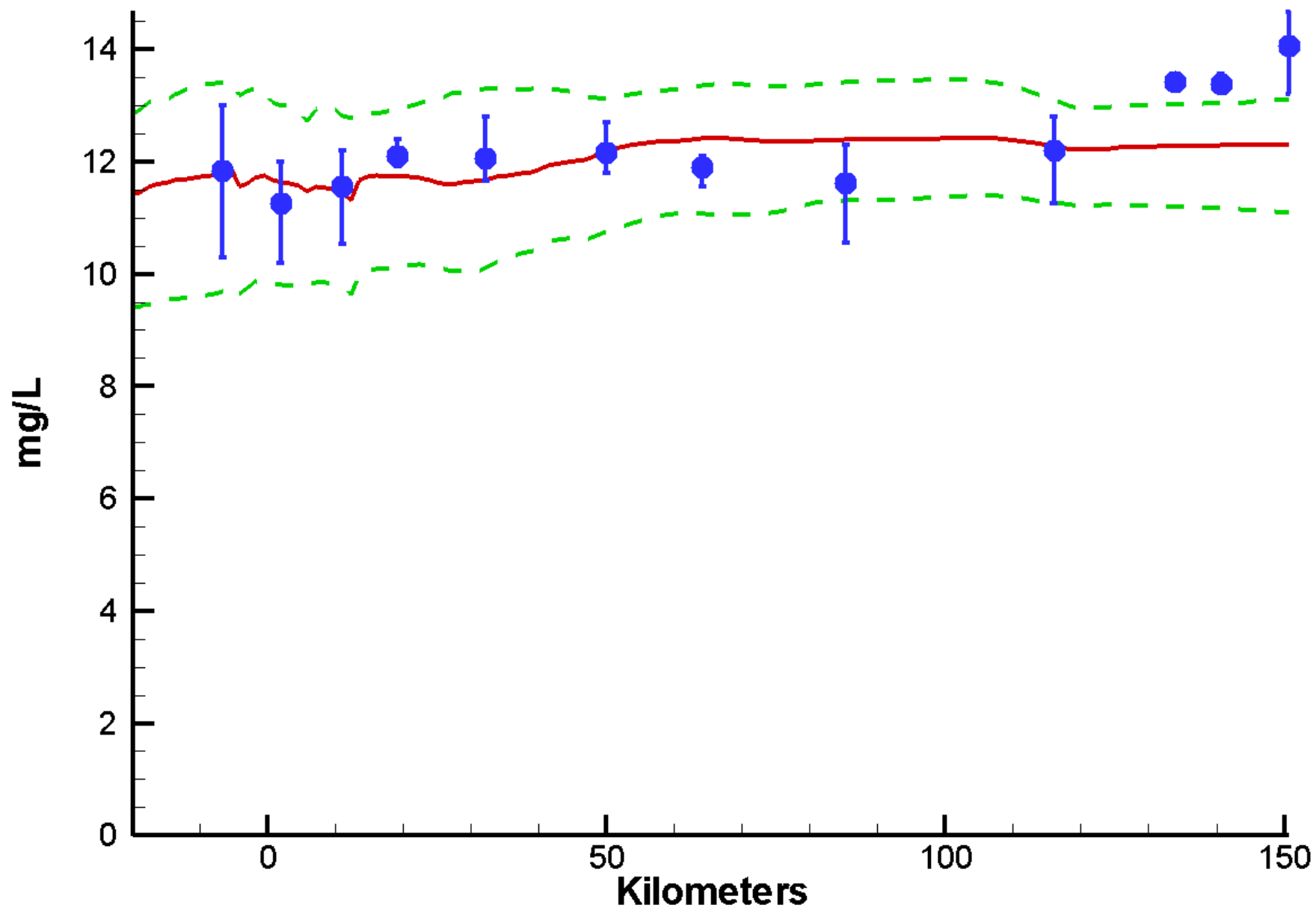
## Surface Dissolved Phosphate Winter 1996





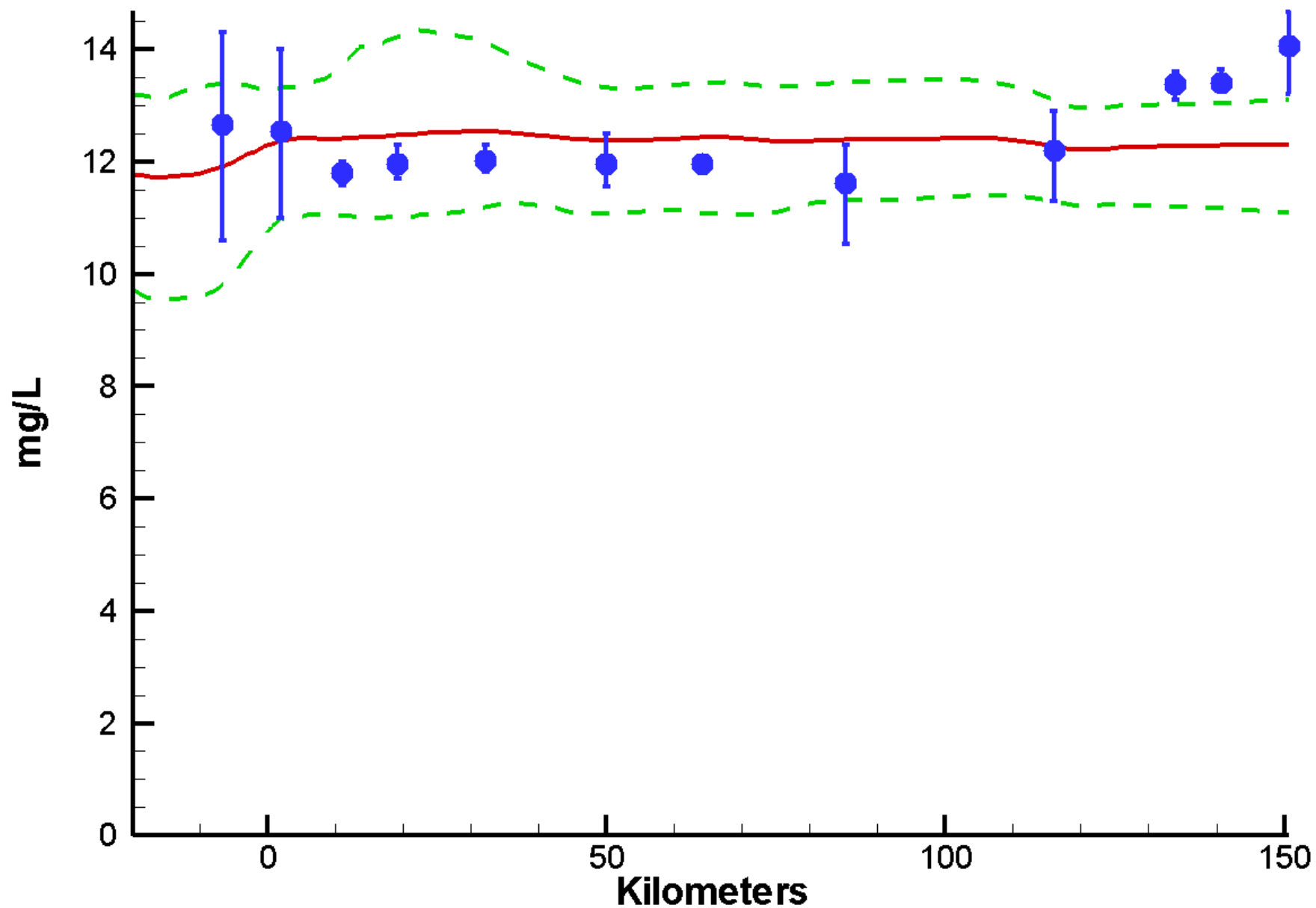
# James River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1996



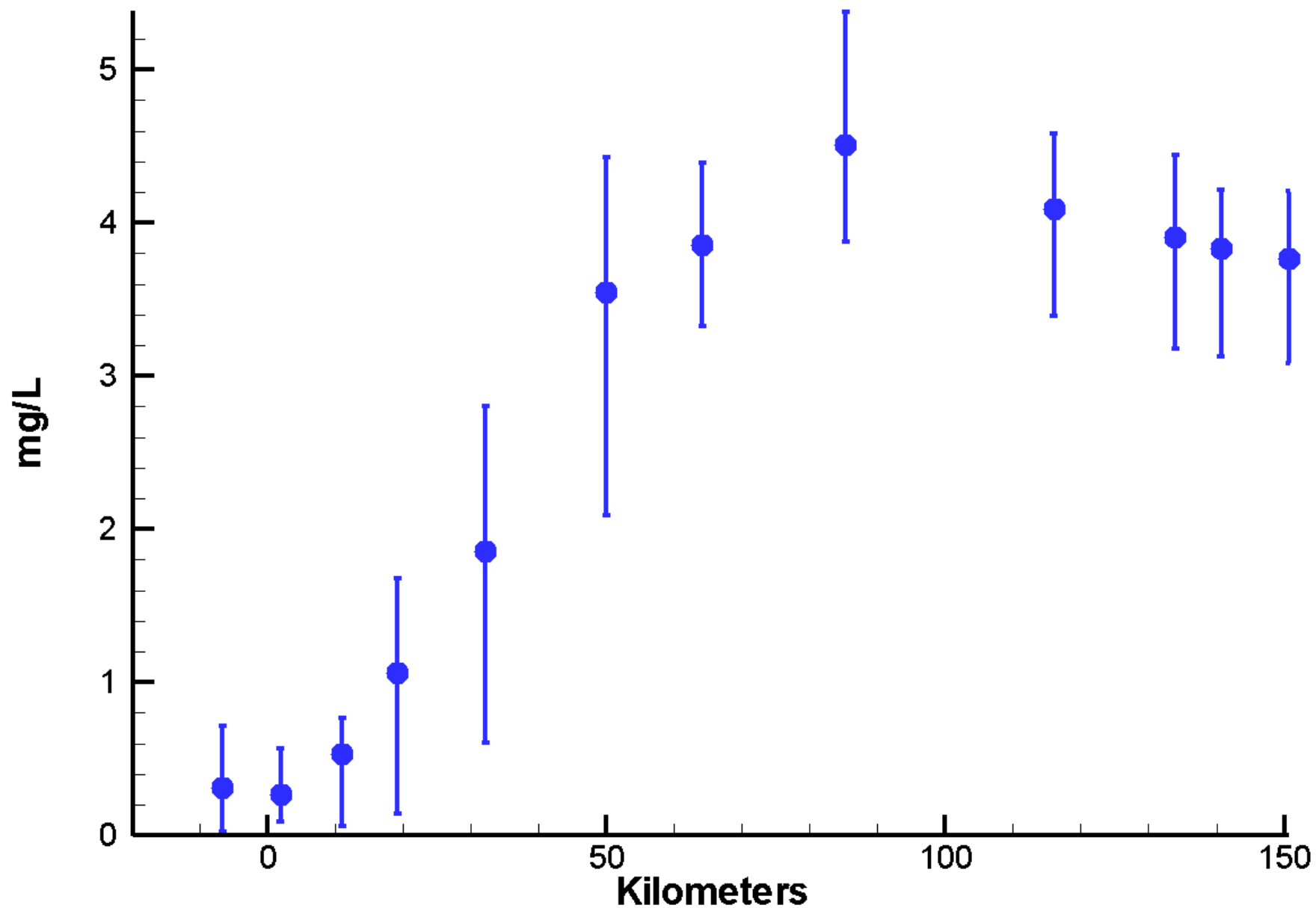
# James River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1996



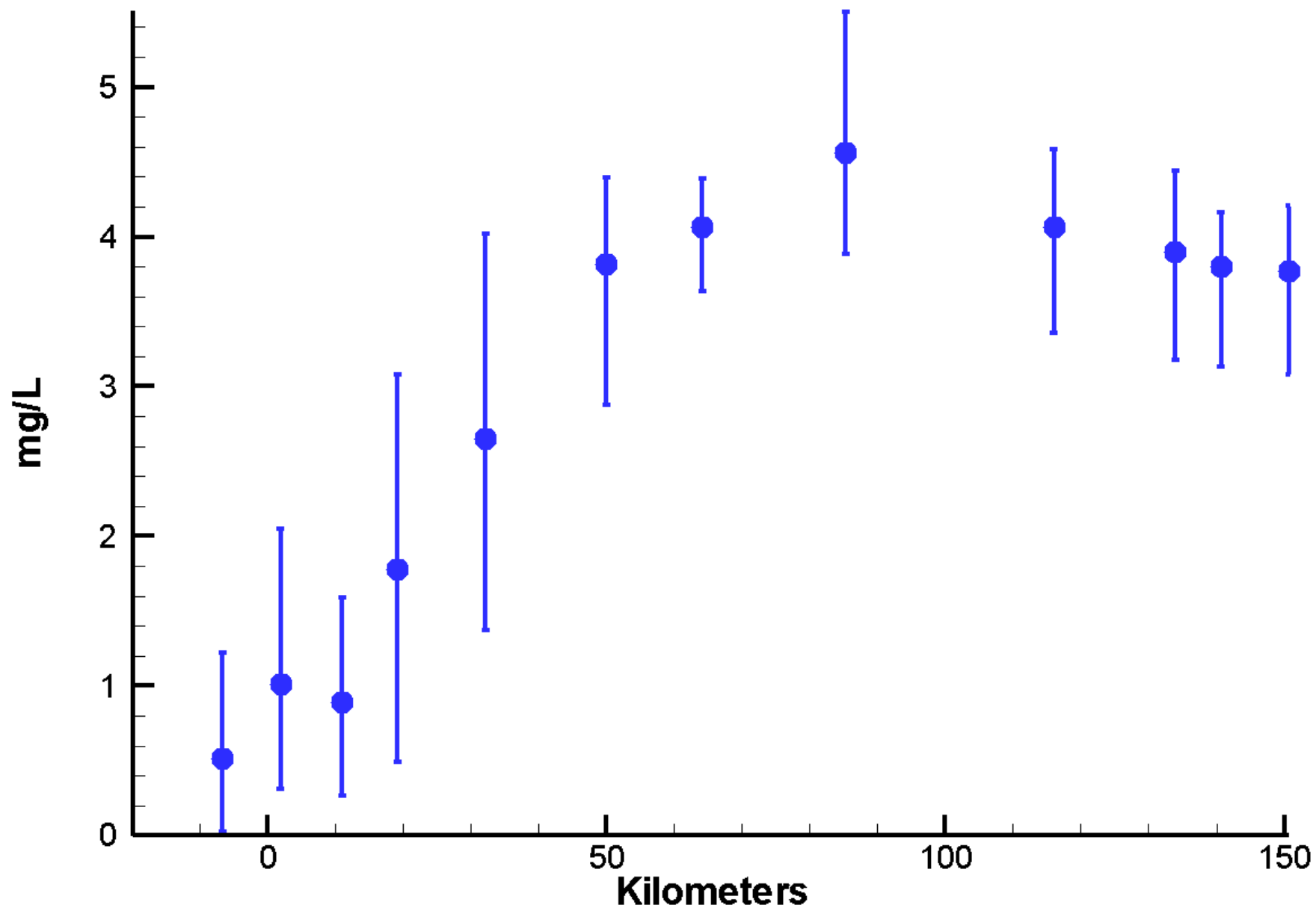
# James River Ches2015 Run118

## Bottom Dissolved Silica Winter 1996



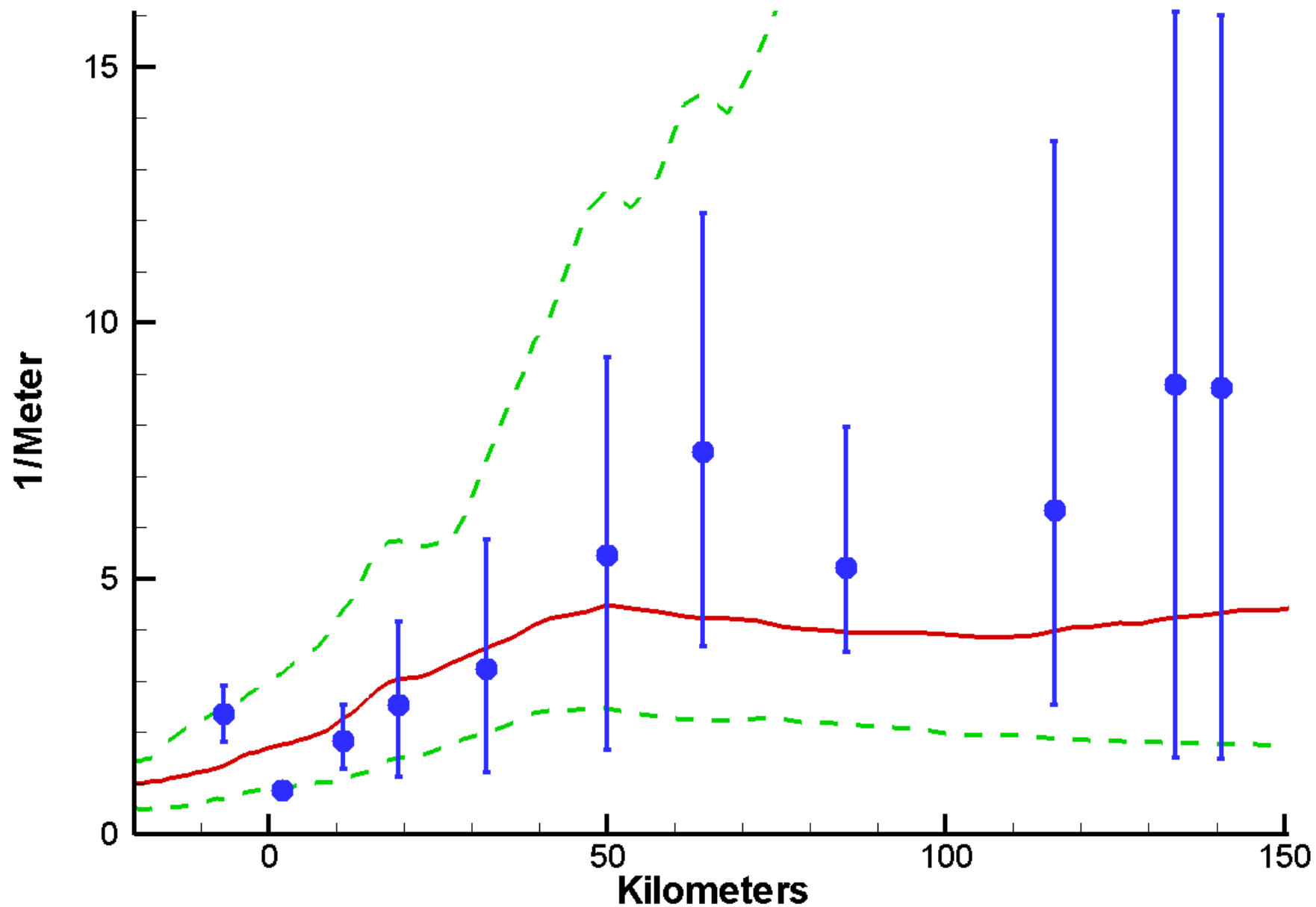
# James River Ches2015 Run118

## Surface Dissolved Silica Winter 1996



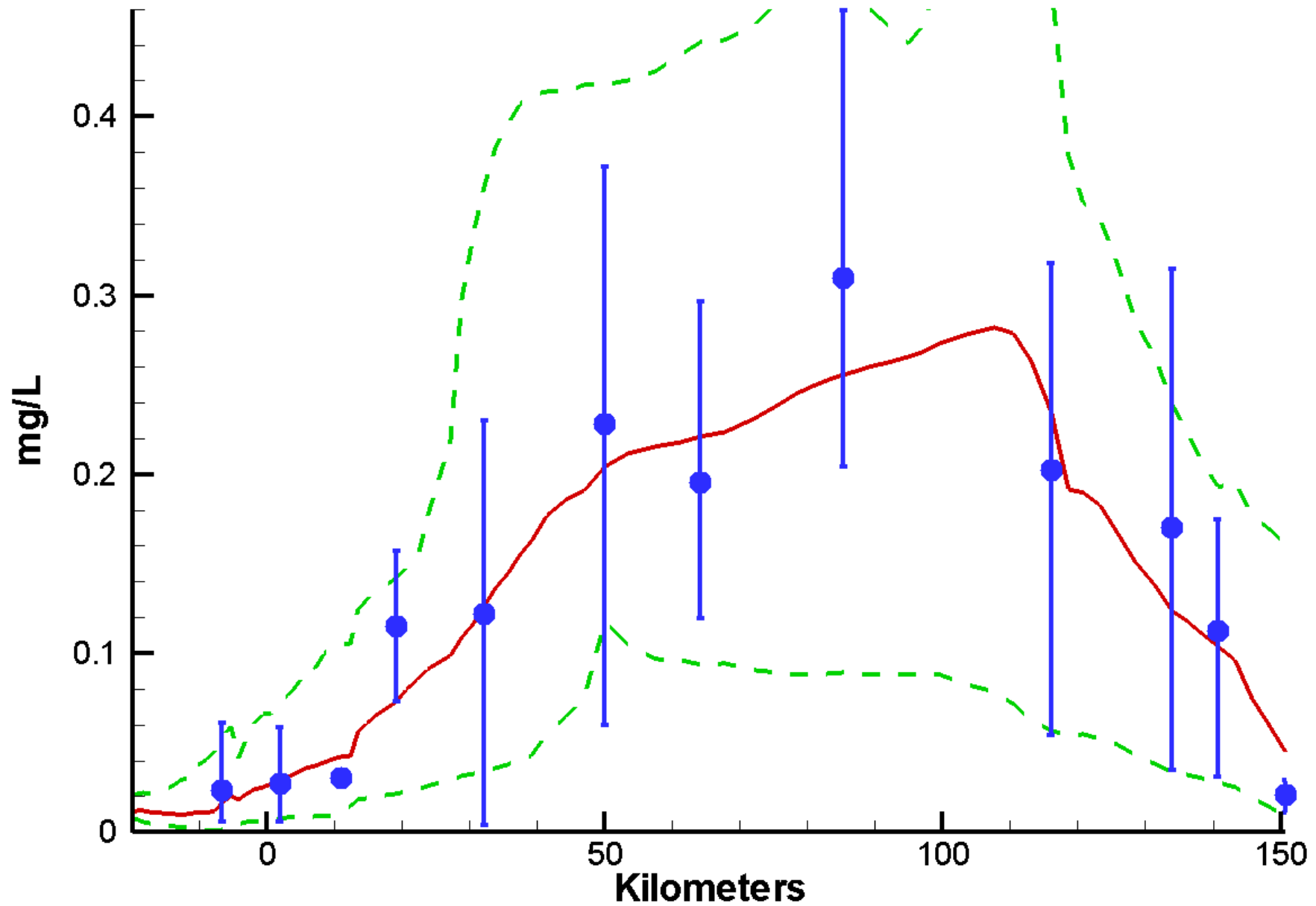
# James River Ches2015 Run118

## Surface Light Extinction Winter 1996

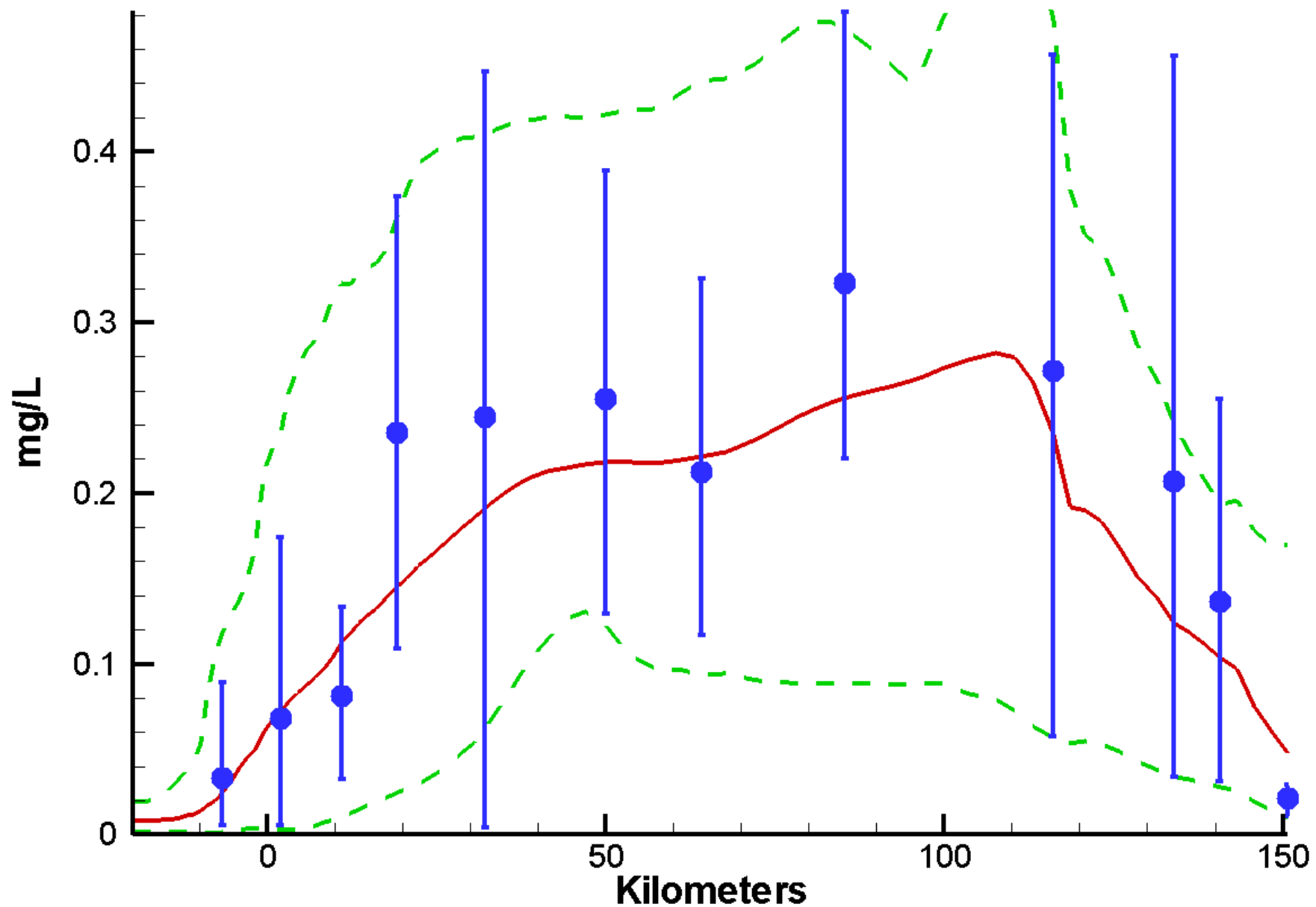


# James River Ches2015 Run118

## Bottom Ammonium Winter 1996

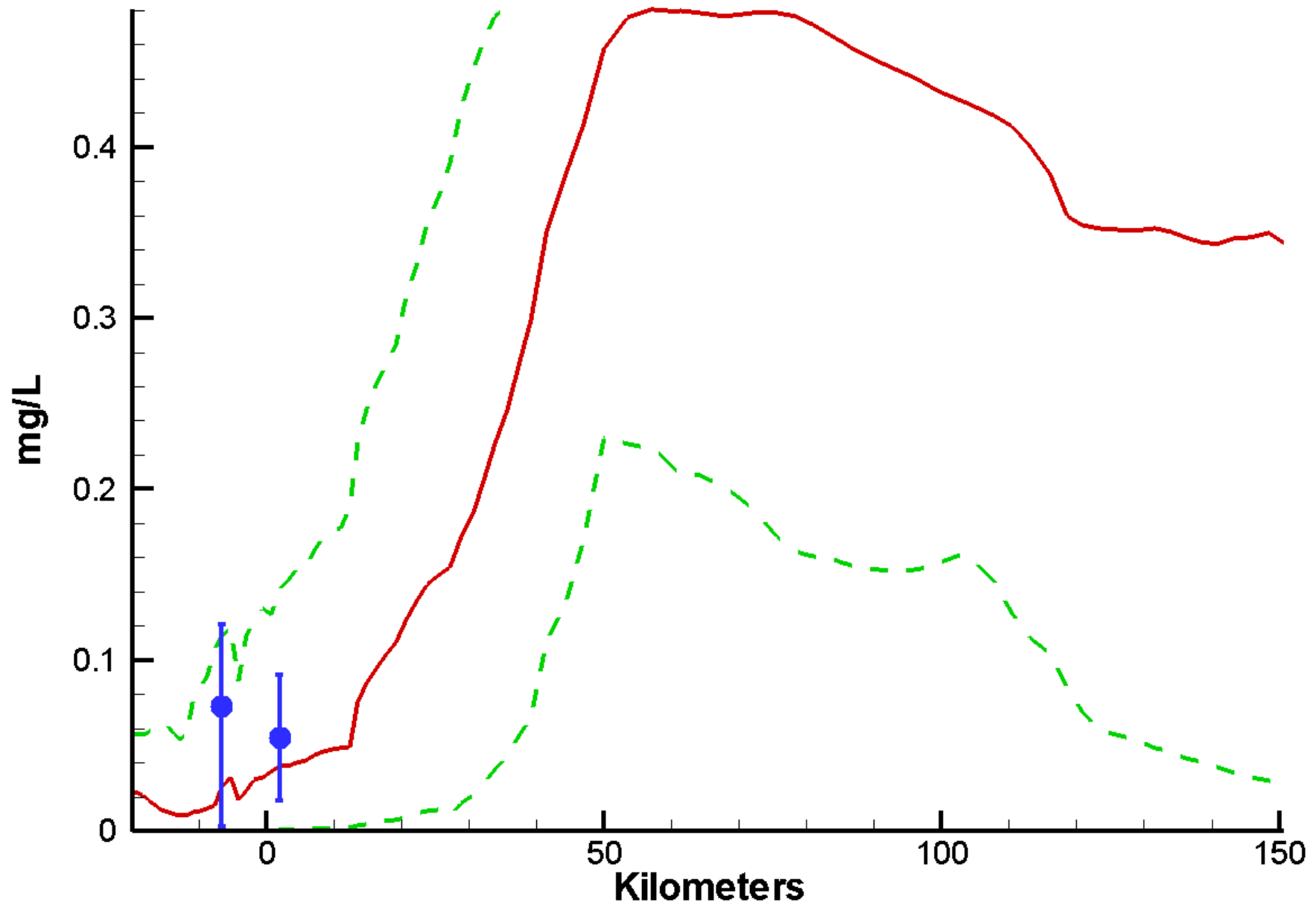


# James River Ches2015 Run118 Surface Ammonium Winter 1996



# James River Ches2015 Run118

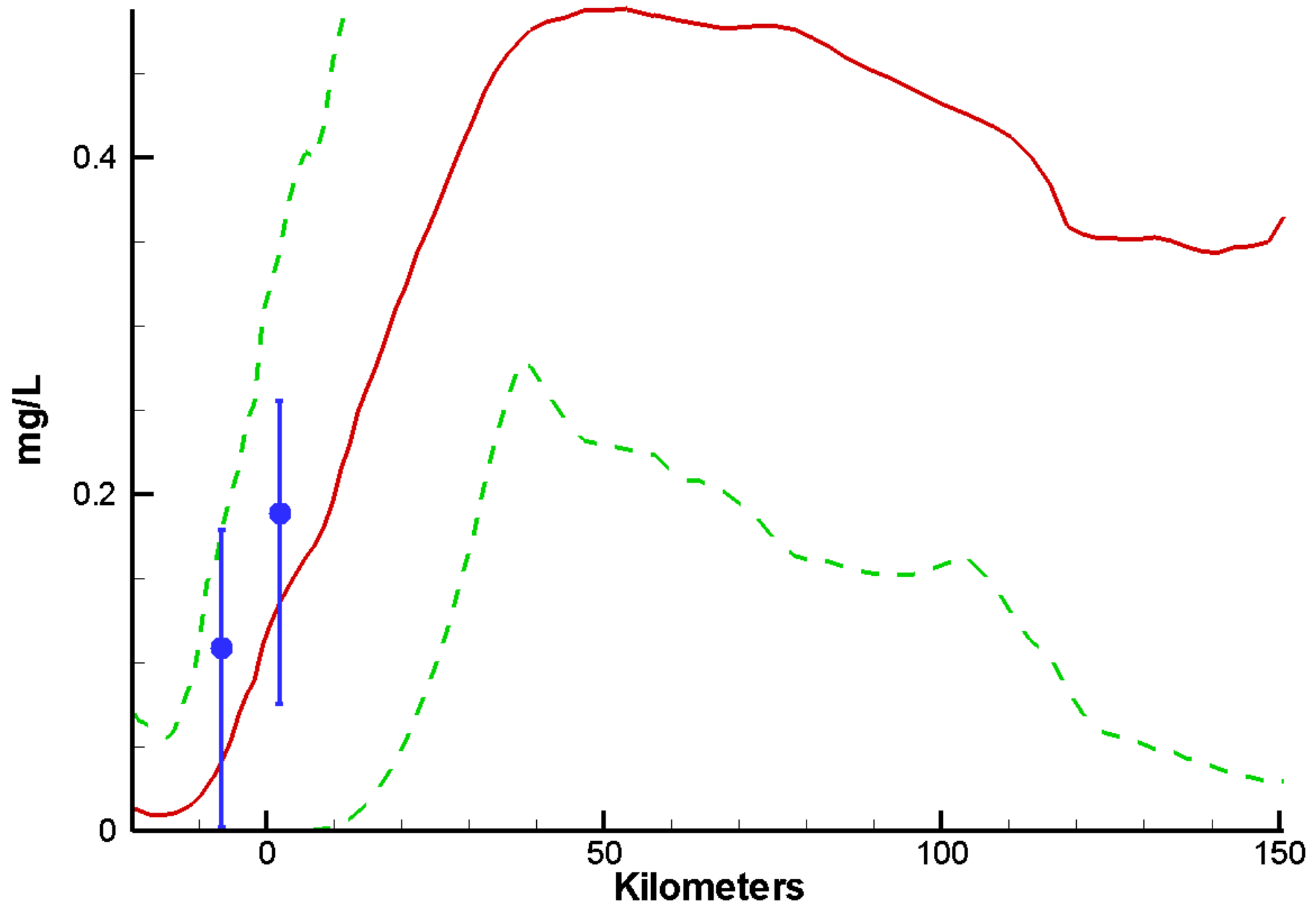
## Bottom Nitrate Winter 1996





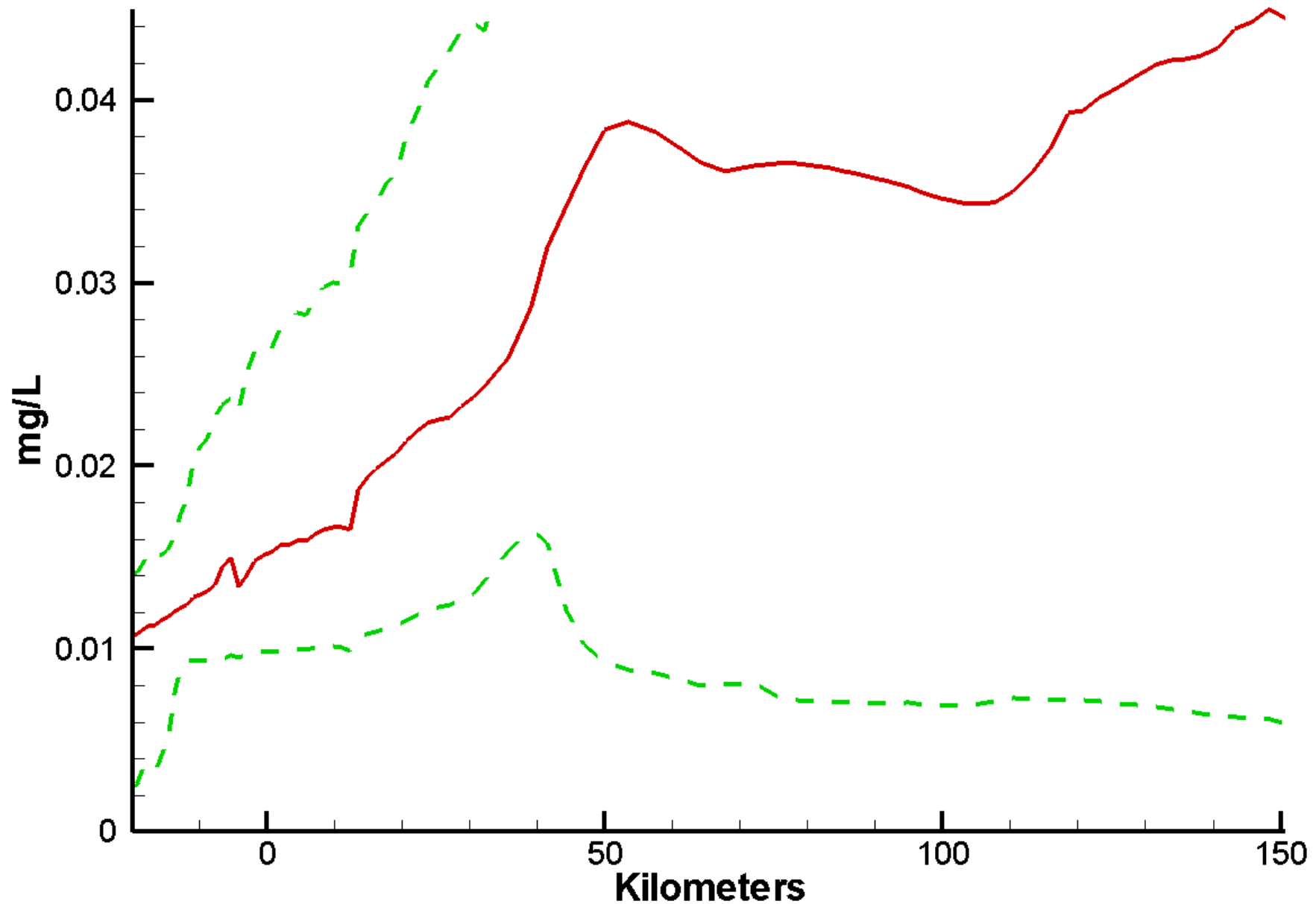
# James River Ches2015 Run118

## Surface Nitrate Winter 1996

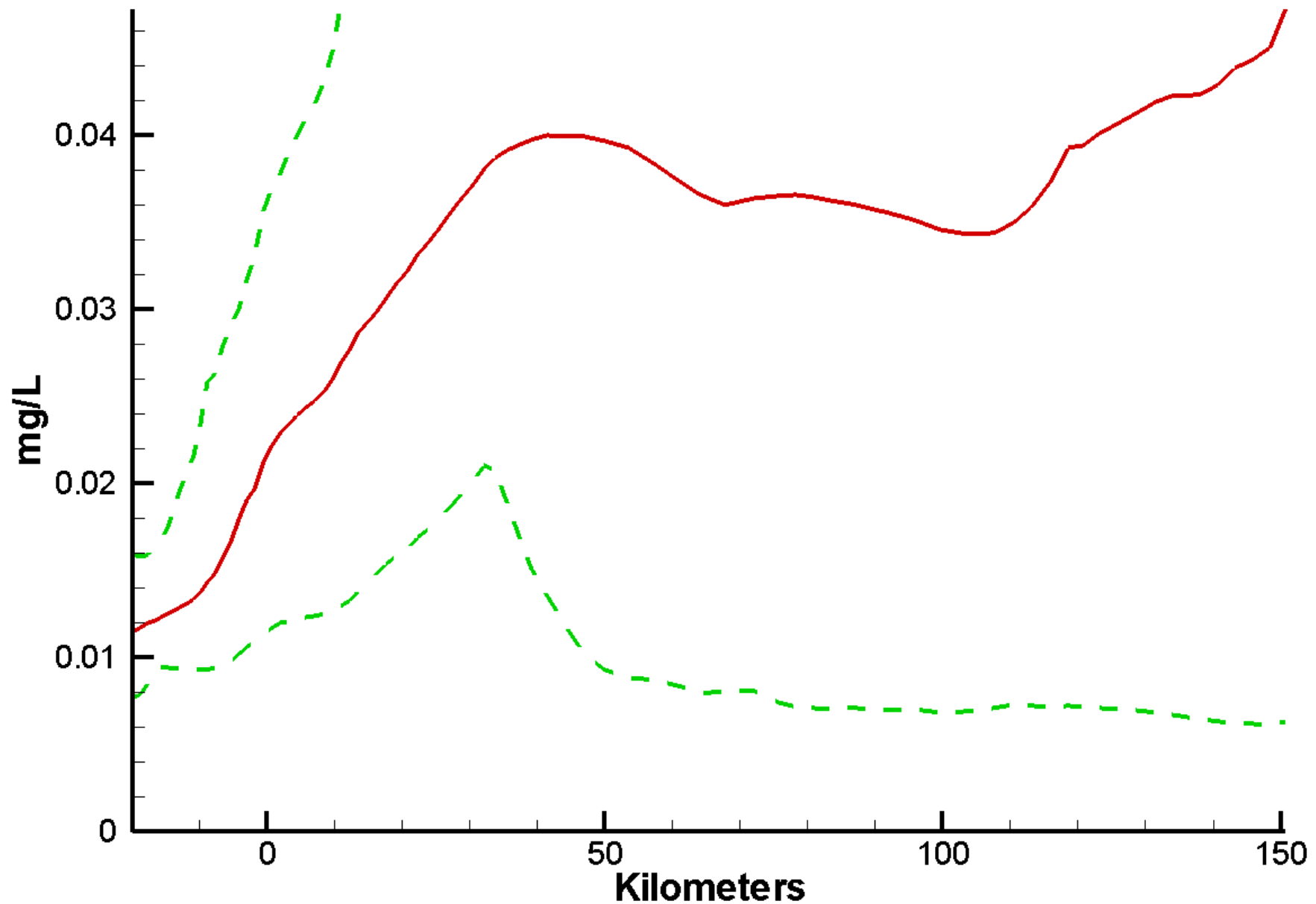


# James River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1996

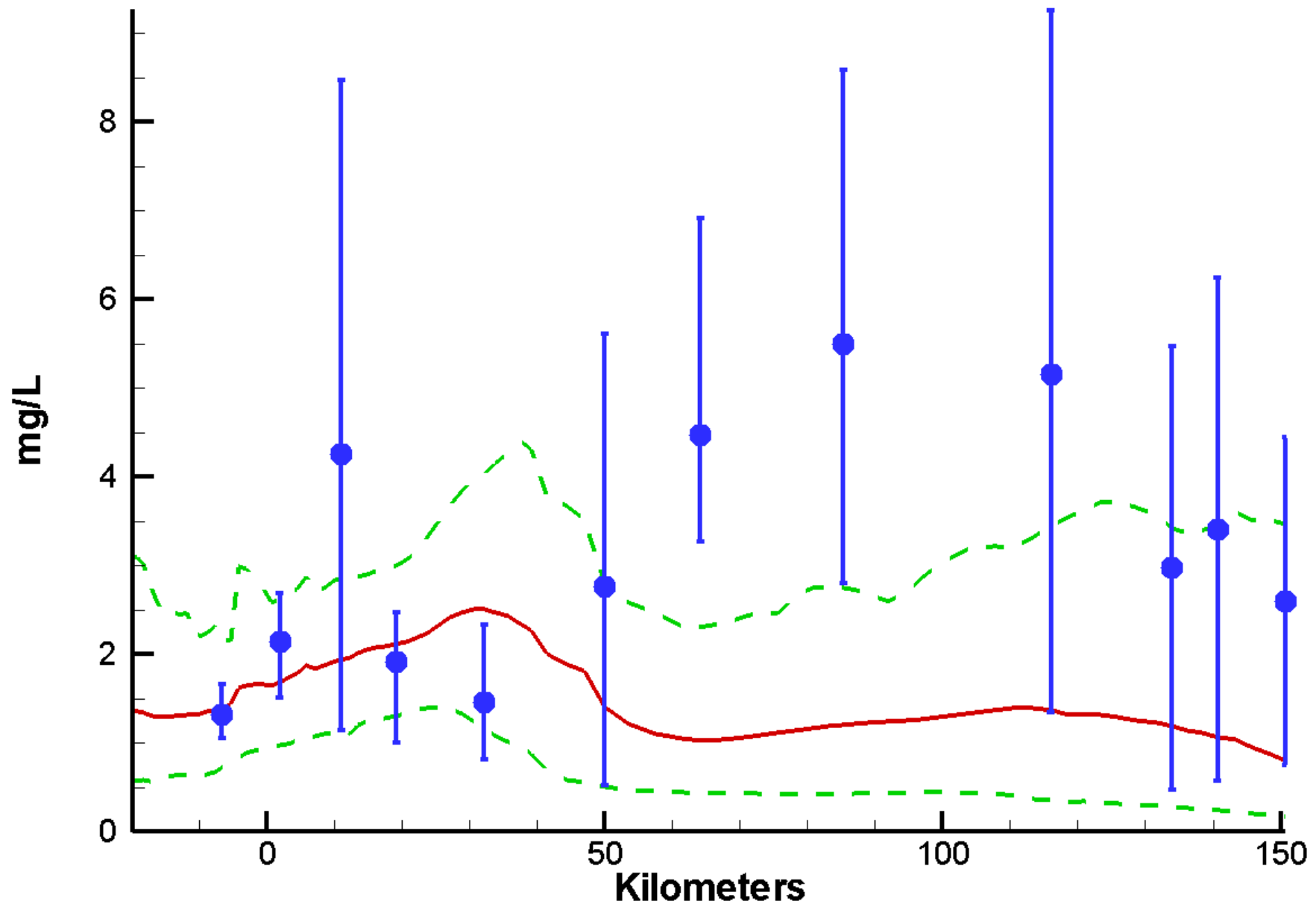


**James River Ches2015 Run118**  
**Surface Particulate Inorganic Phosphorus Winter 1996**



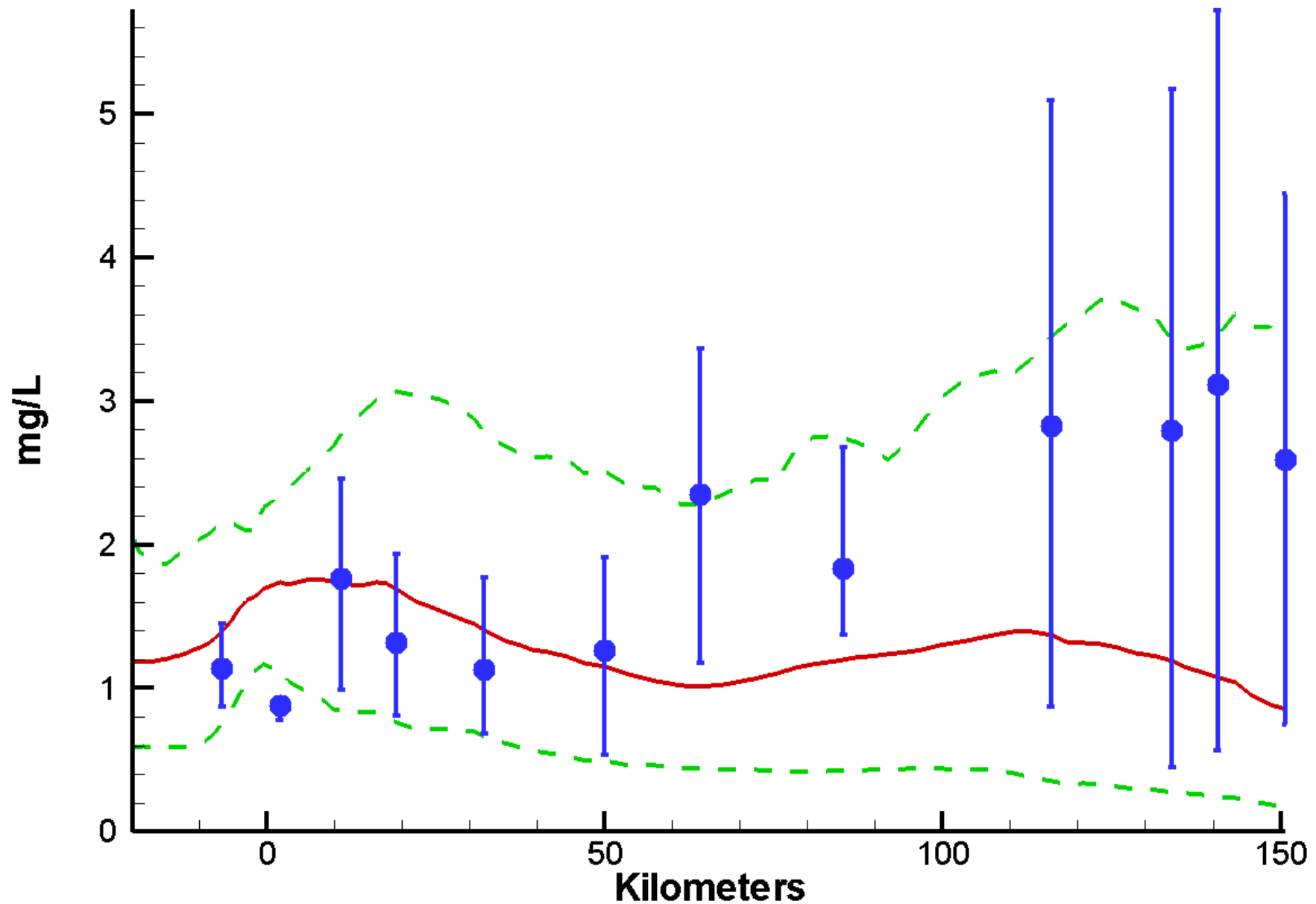
# James River Ches2015 Run118

## Bottom Particulate Organic Carbon Winter 1996



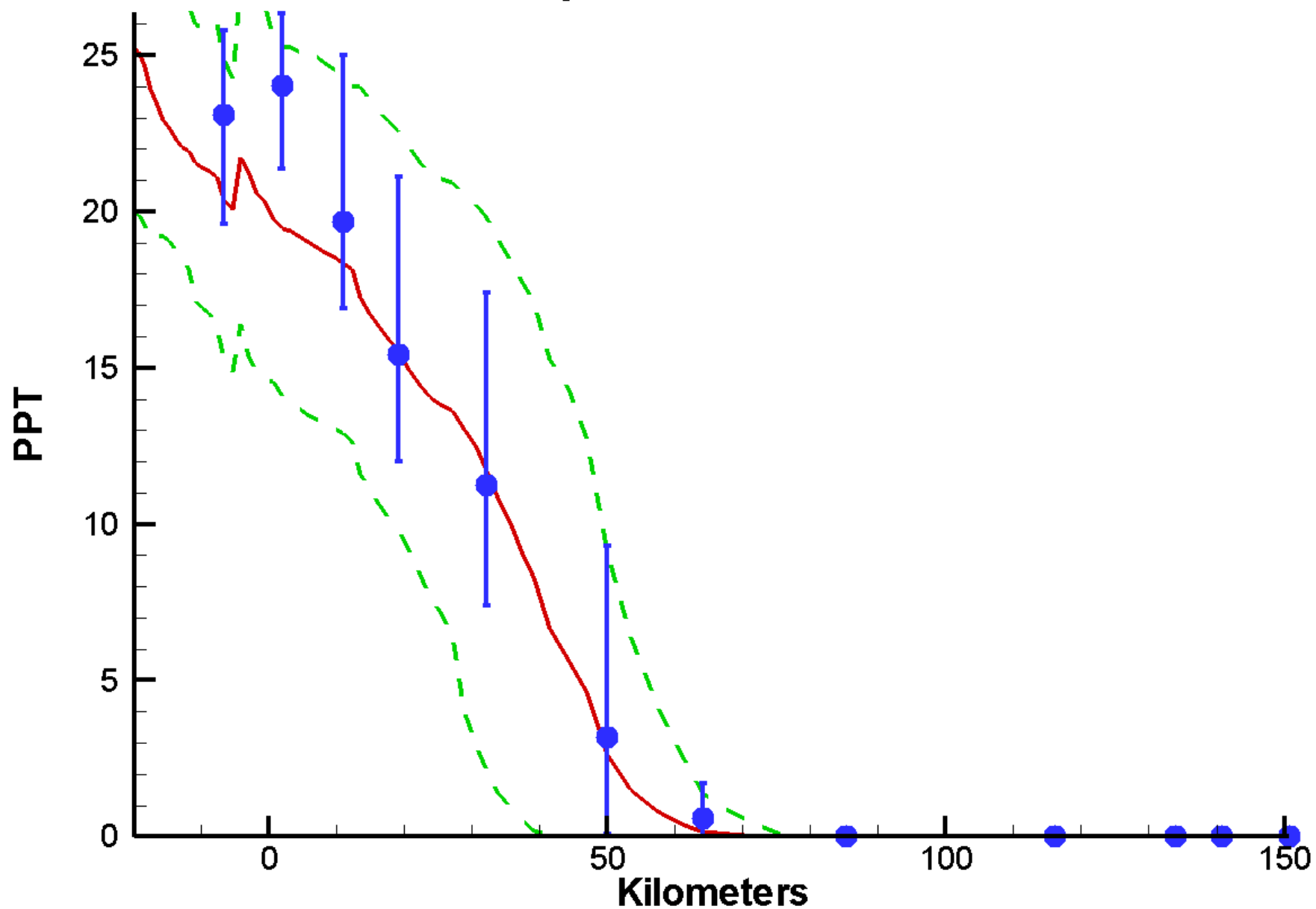
# James River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1996



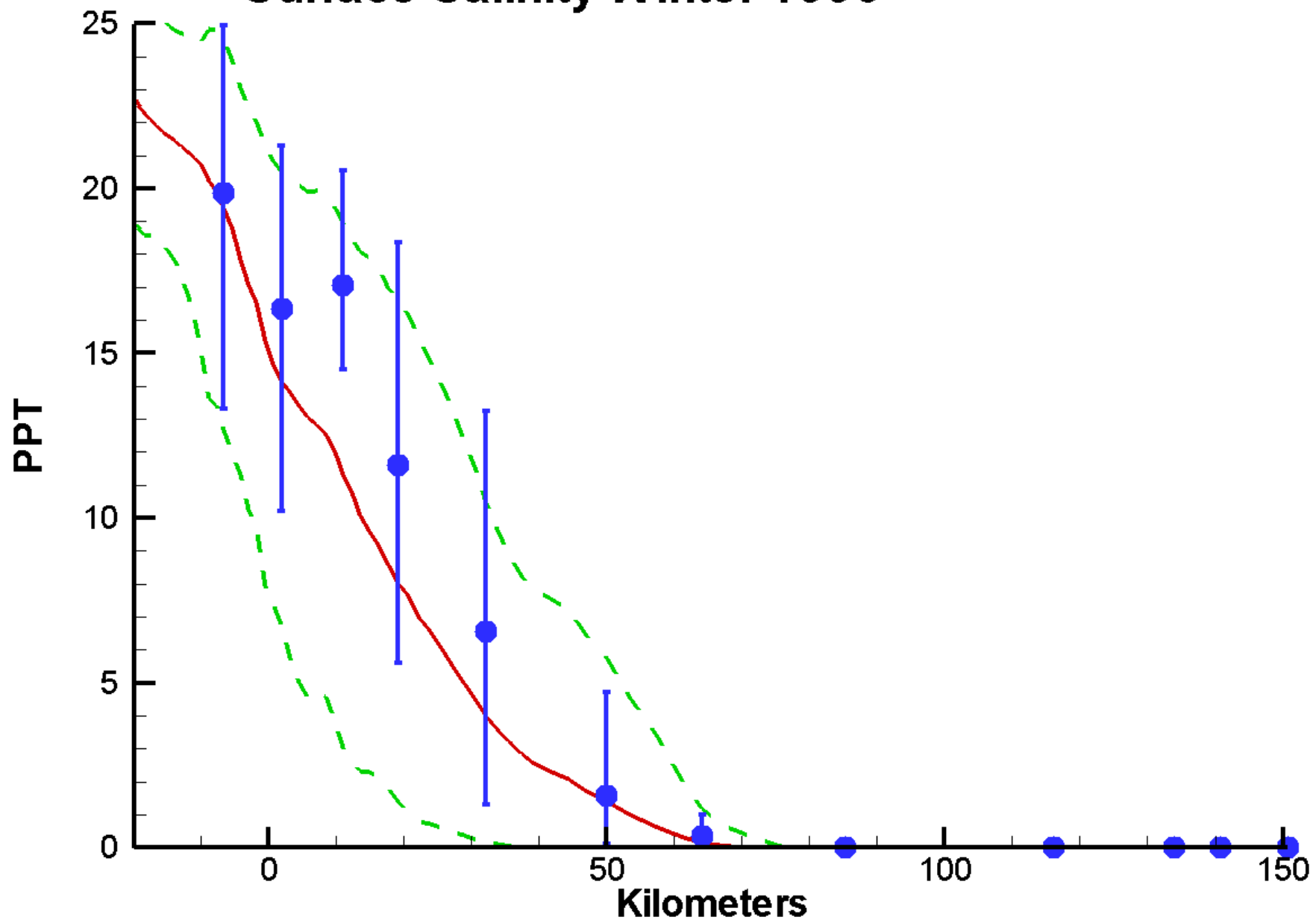
# James River Ches2015 Run118

## Bottom Salinity Winter 1996



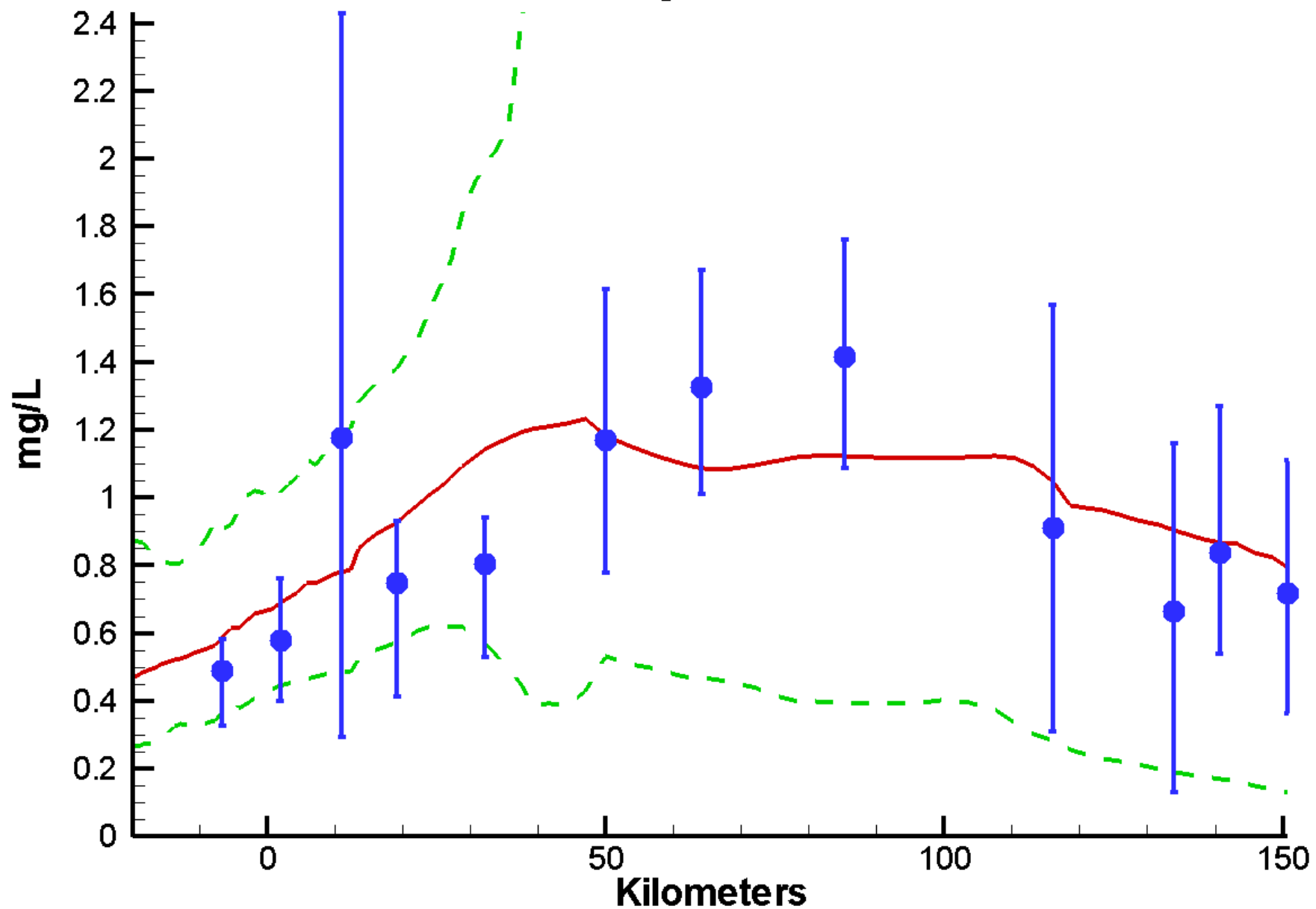
# James River Ches2015 Run118

## Surface Salinity Winter 1996



# James River Ches2015 Run118

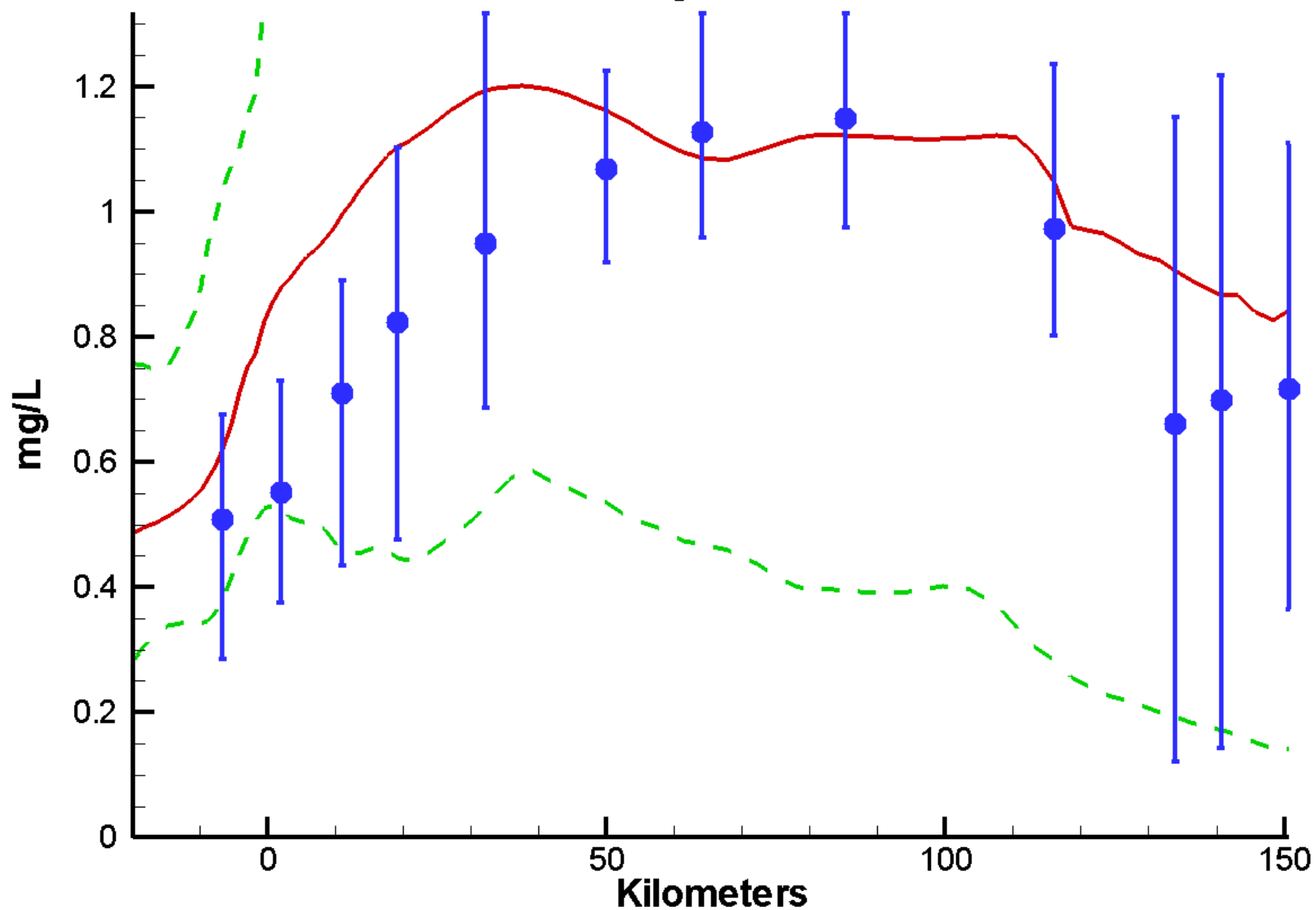
## Bottom Total Nitrogen Winter 1996





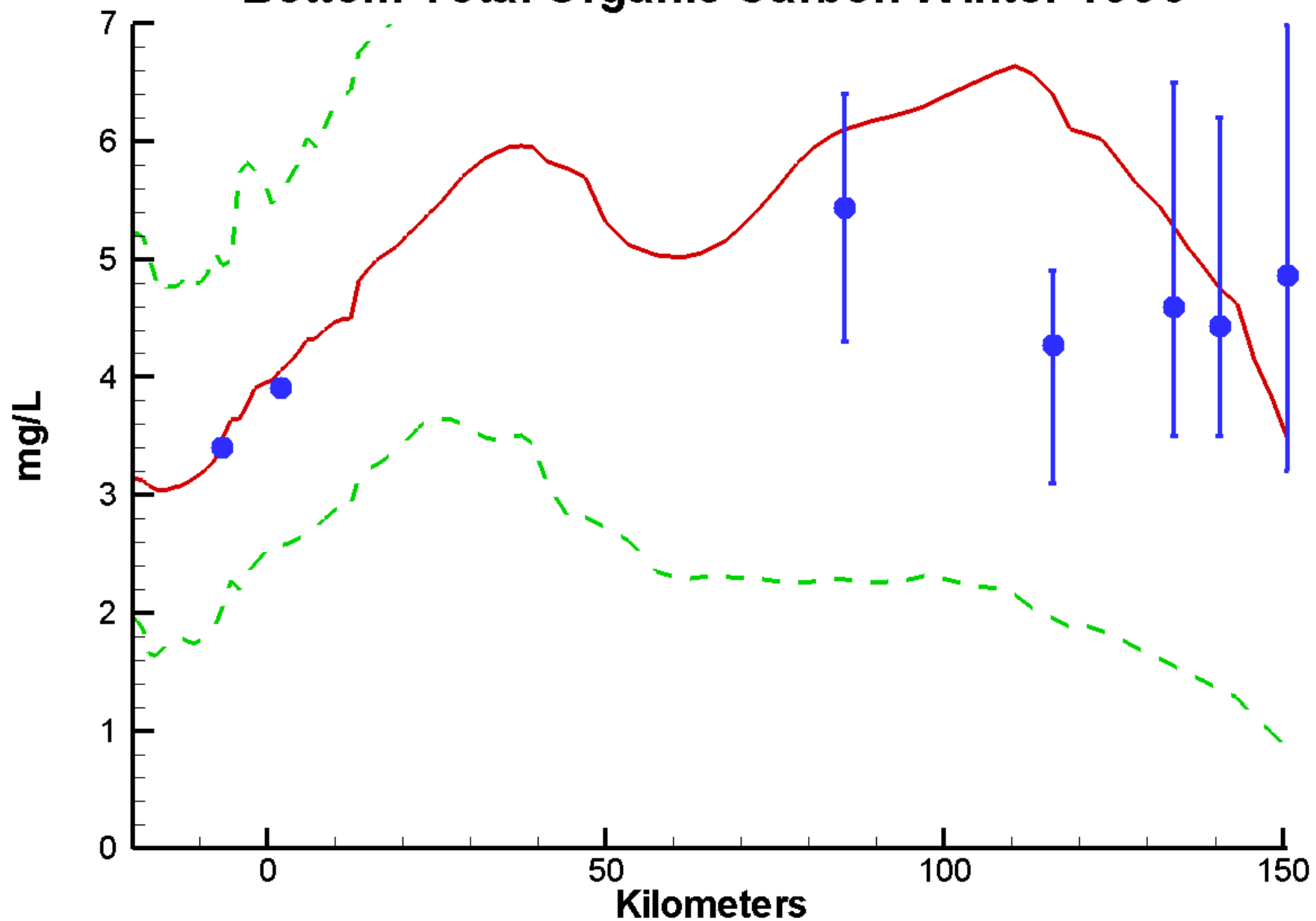
# James River Ches2015 Run118

## Surface Total Nitrogen Winter 1996



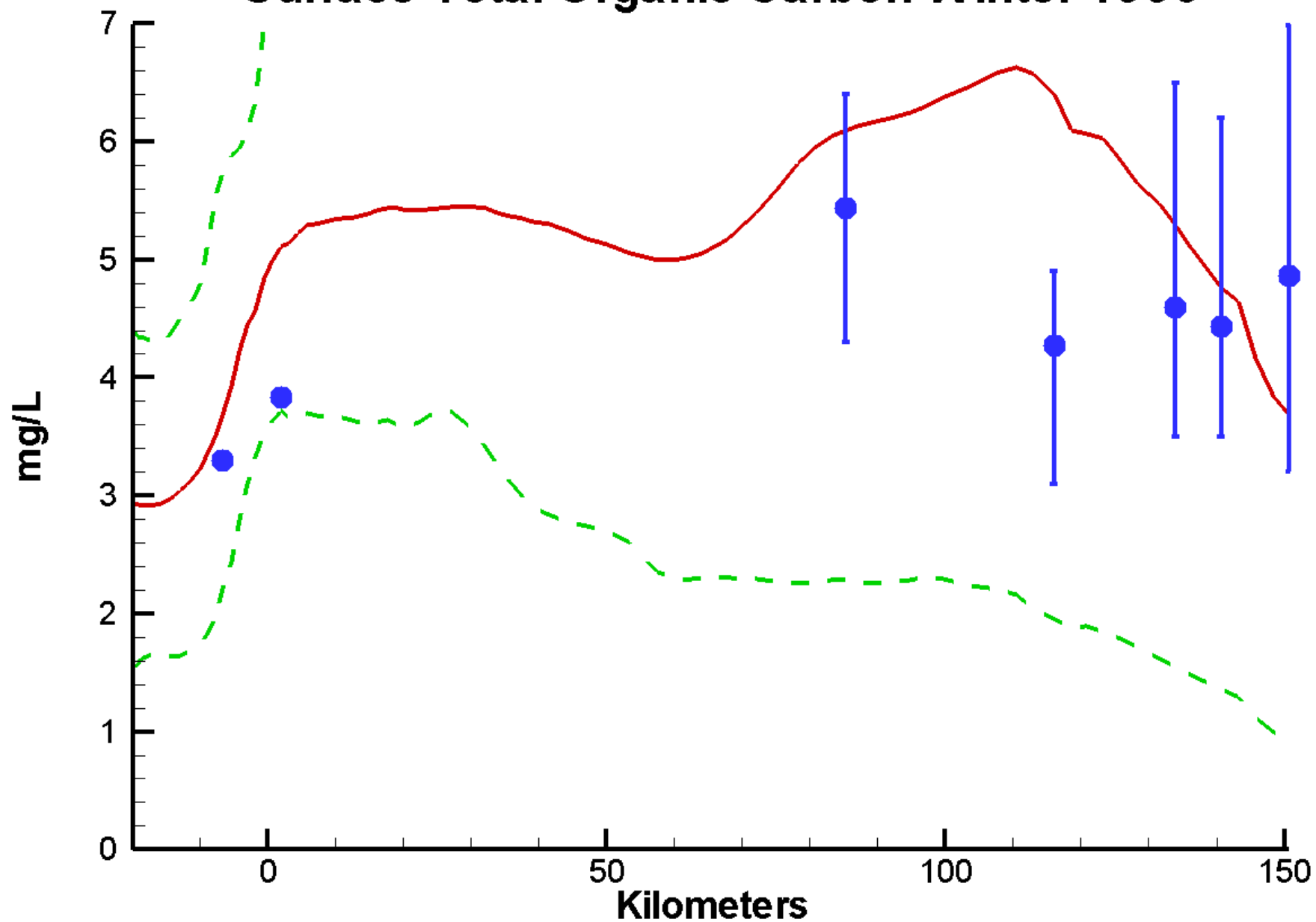
# James River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1996



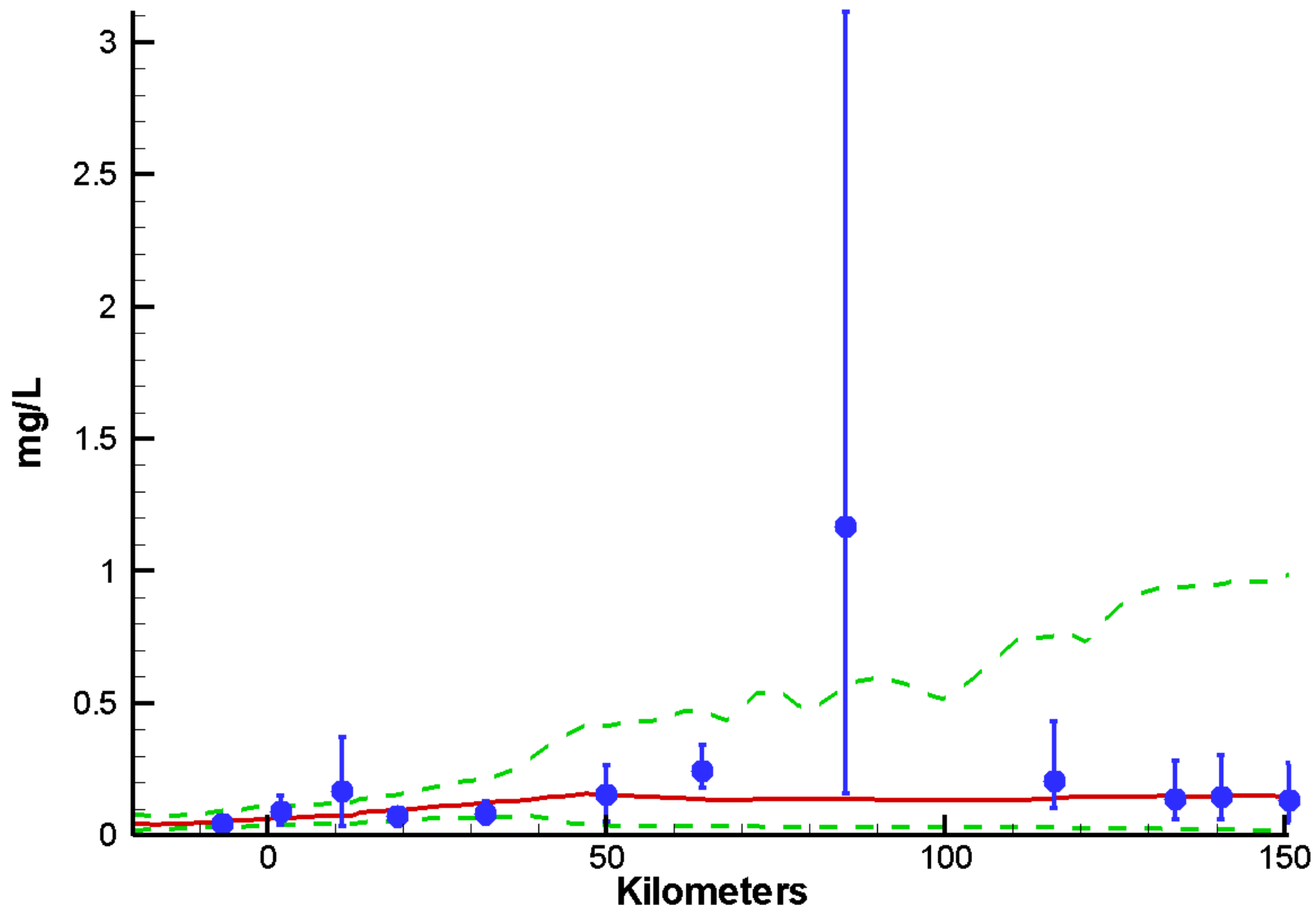
# James River Ches2015 Run118

## Surface Total Organic Carbon Winter 1996



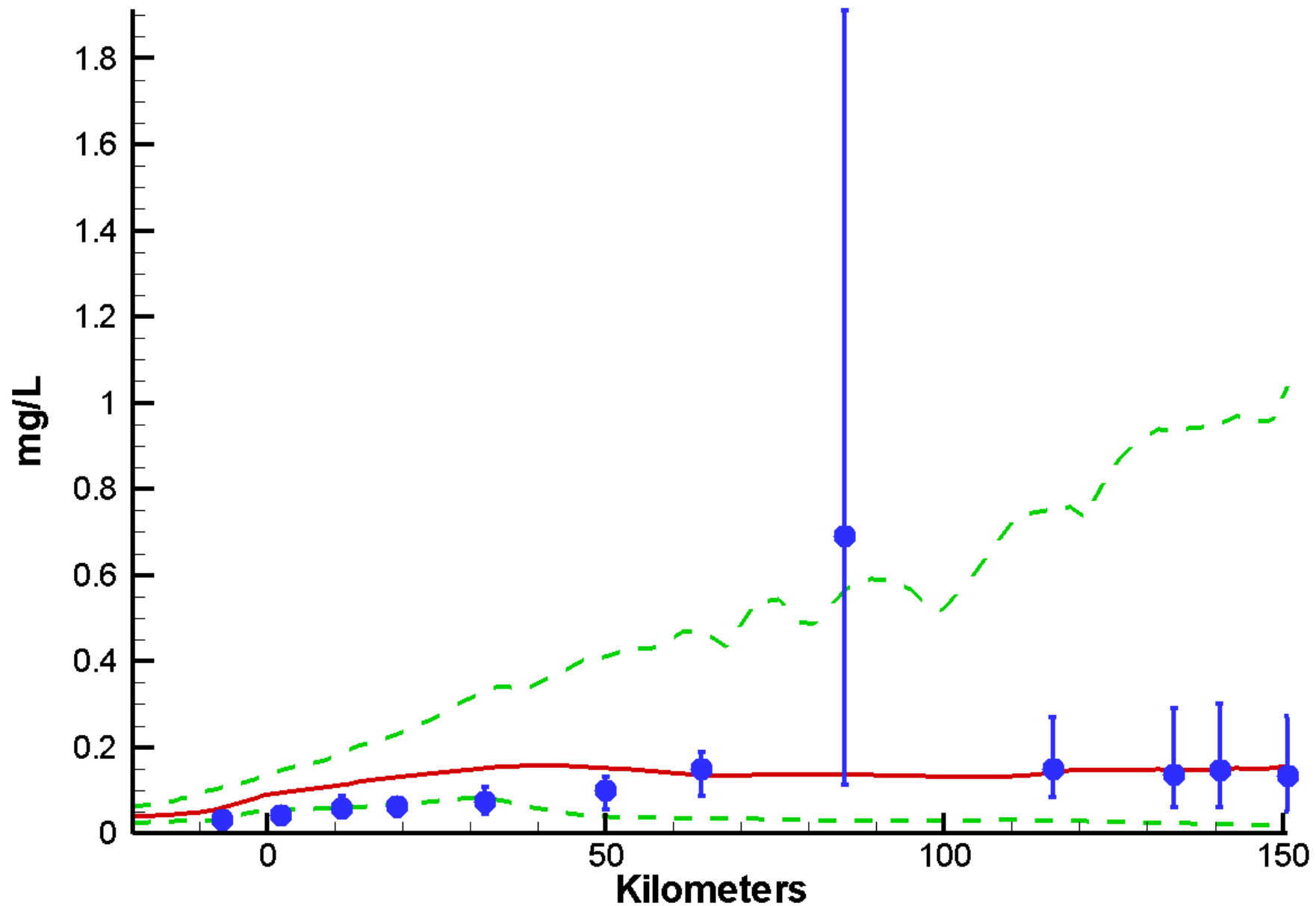
# James River Ches2015 Run118

## Bottom Total Phosphorus Winter 1996



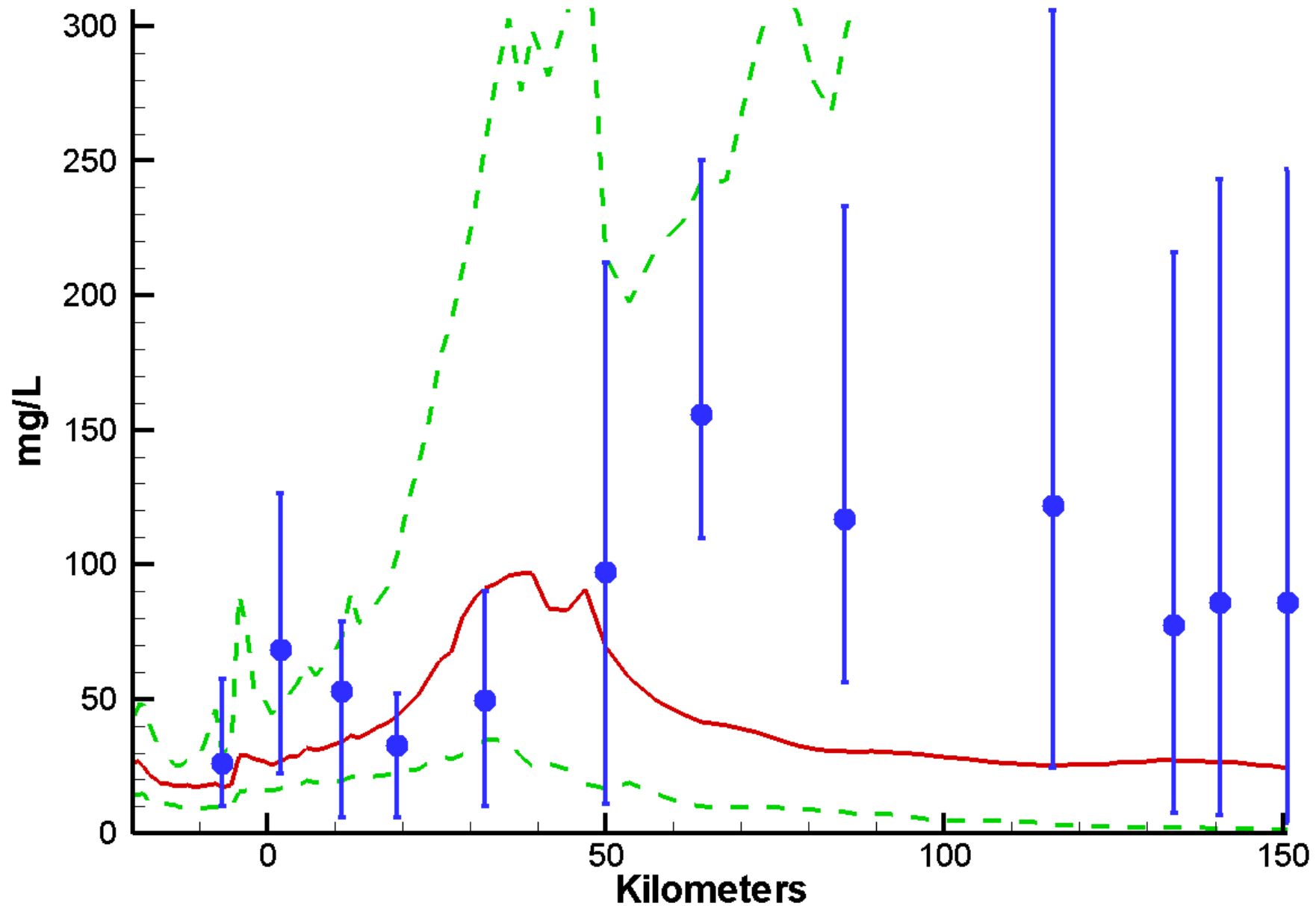
# James River Ches2015 Run118

## Surface Total Phosphorus Winter 1996



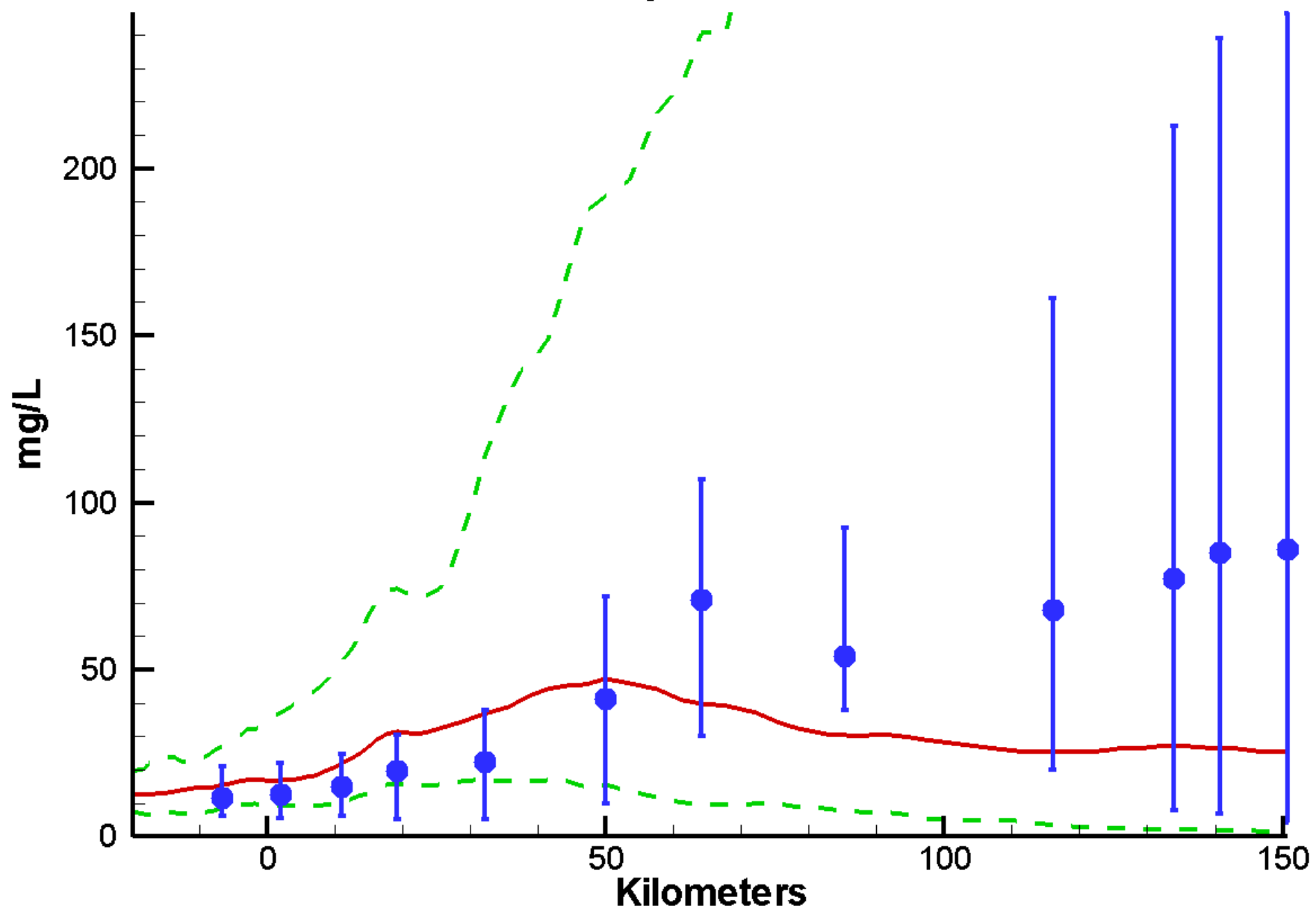
# James River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1996



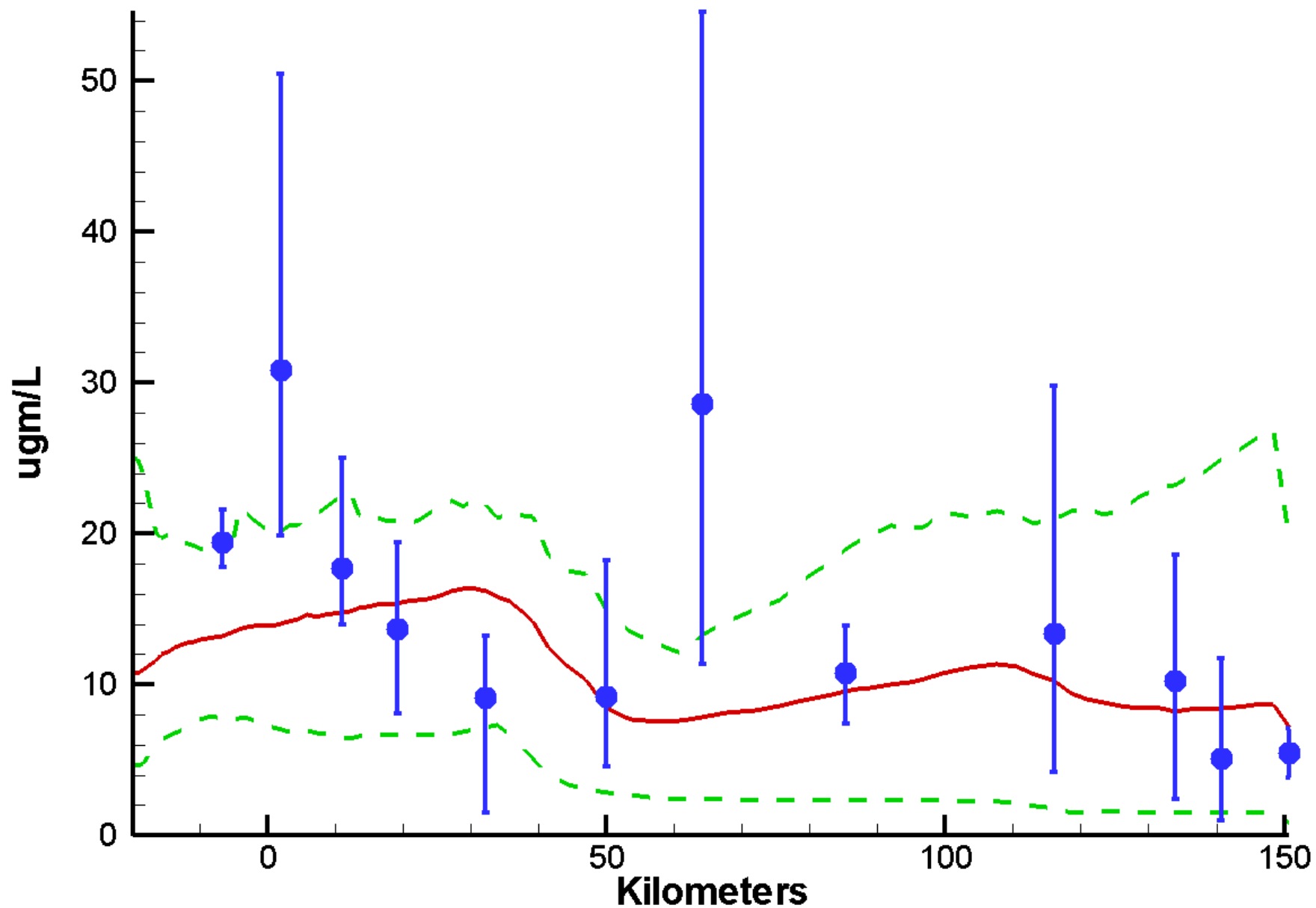
# James River Ches2015 Run118

## Surface Total Suspended Solids Winter 1996



# James River Ches2015 Run118

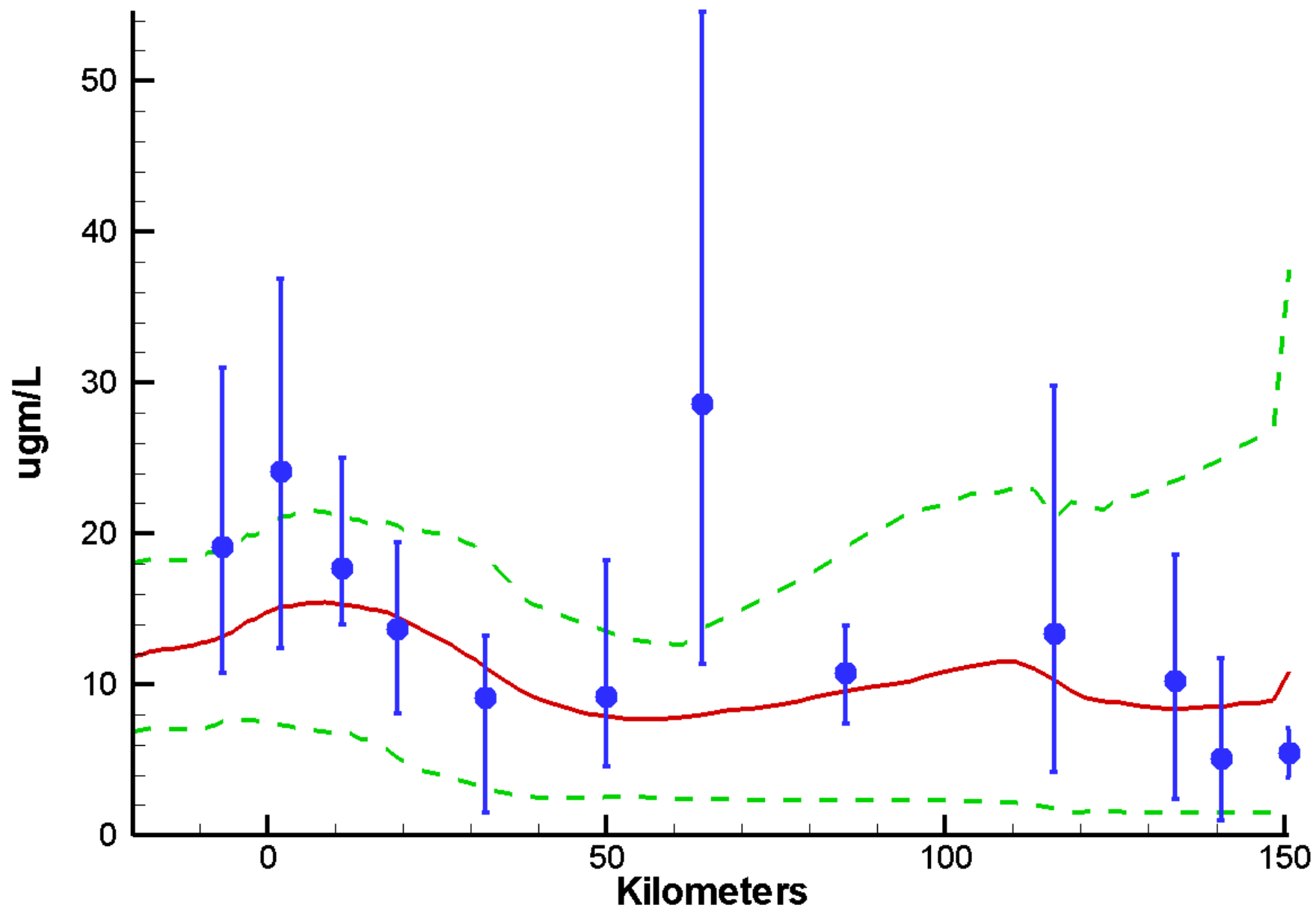
## Bottom Chlorophyll Spring 1996





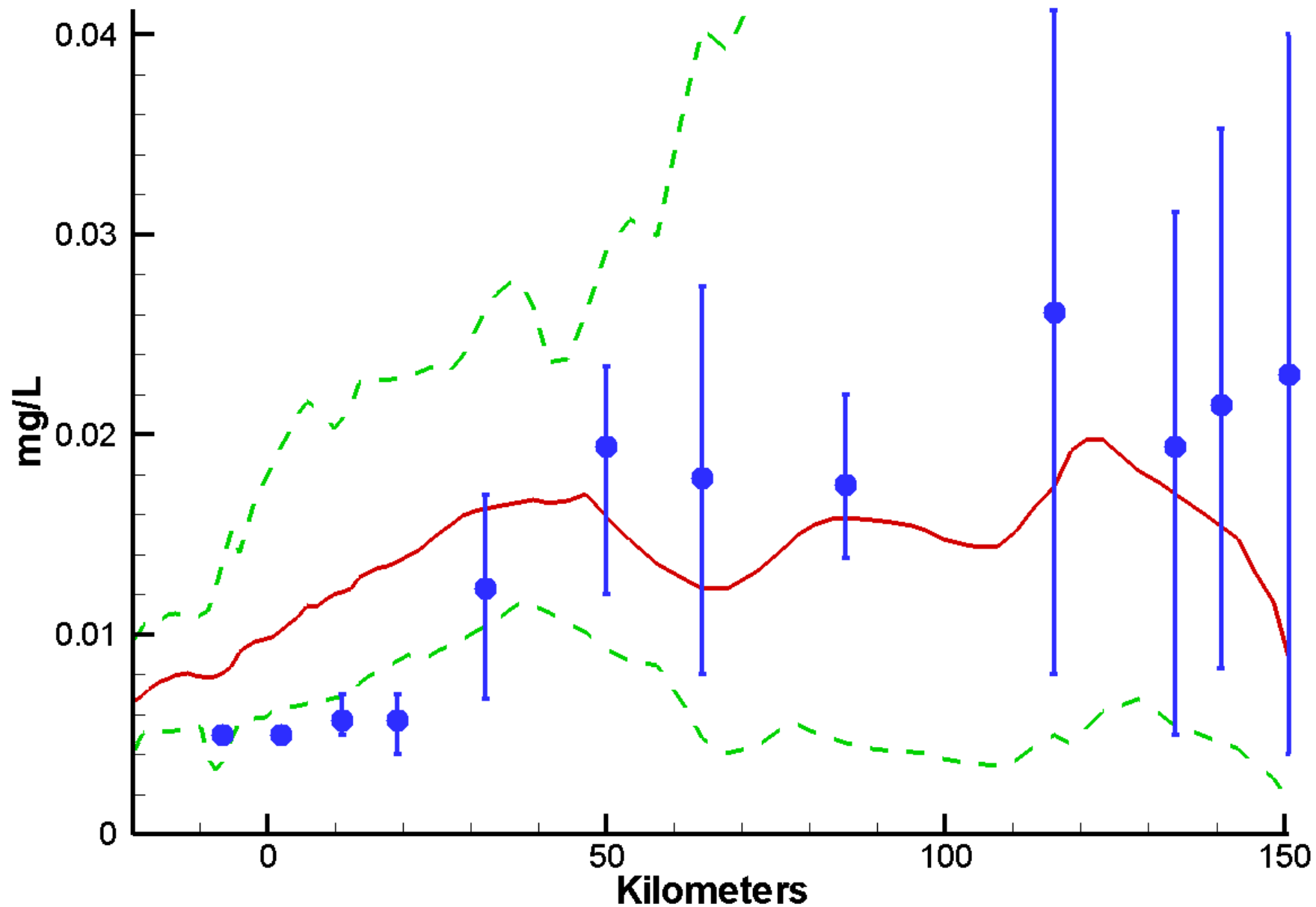
# James River Ches2015 Run118

## Surface Chlorophyll Spring 1996



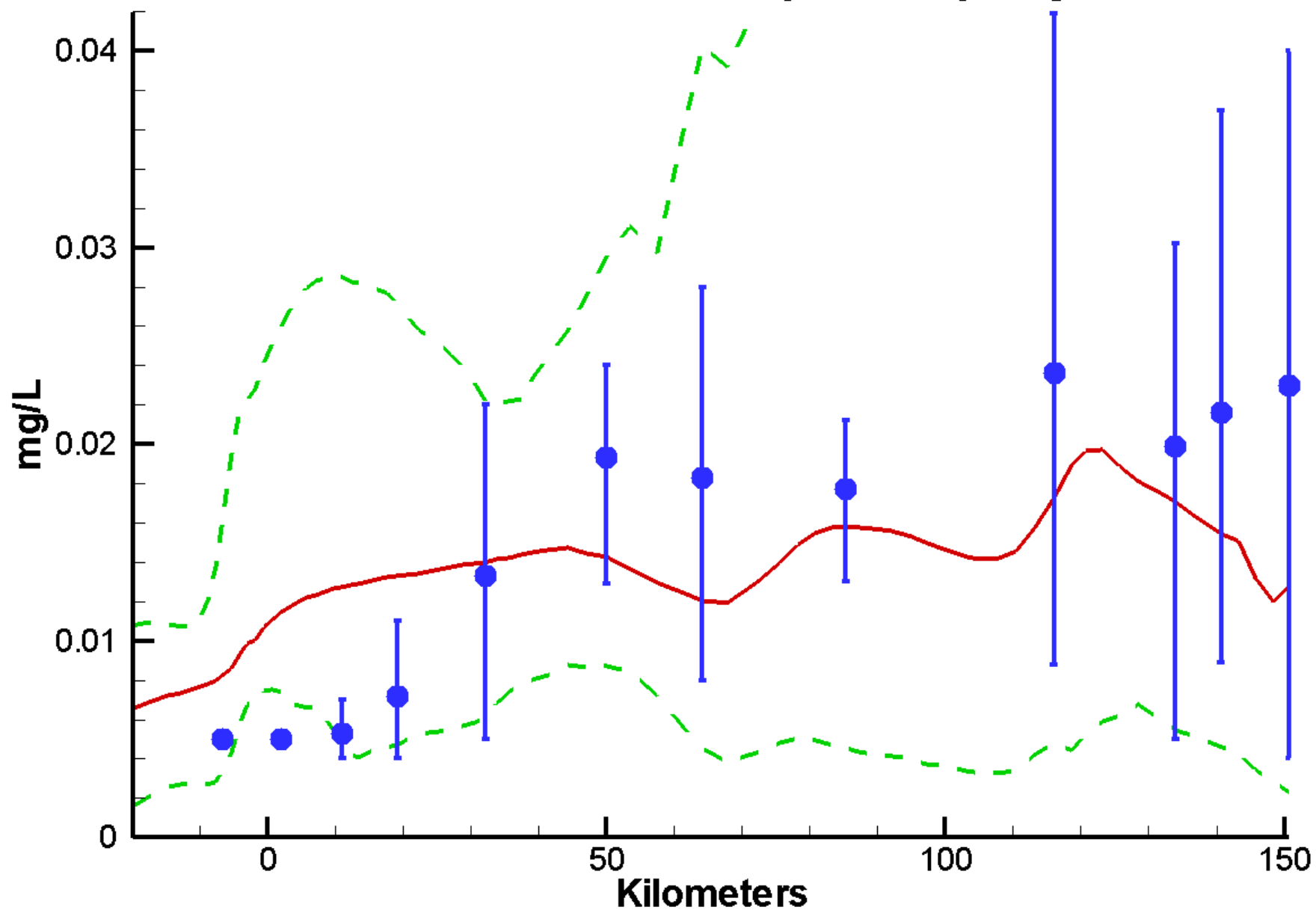
# James River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1996



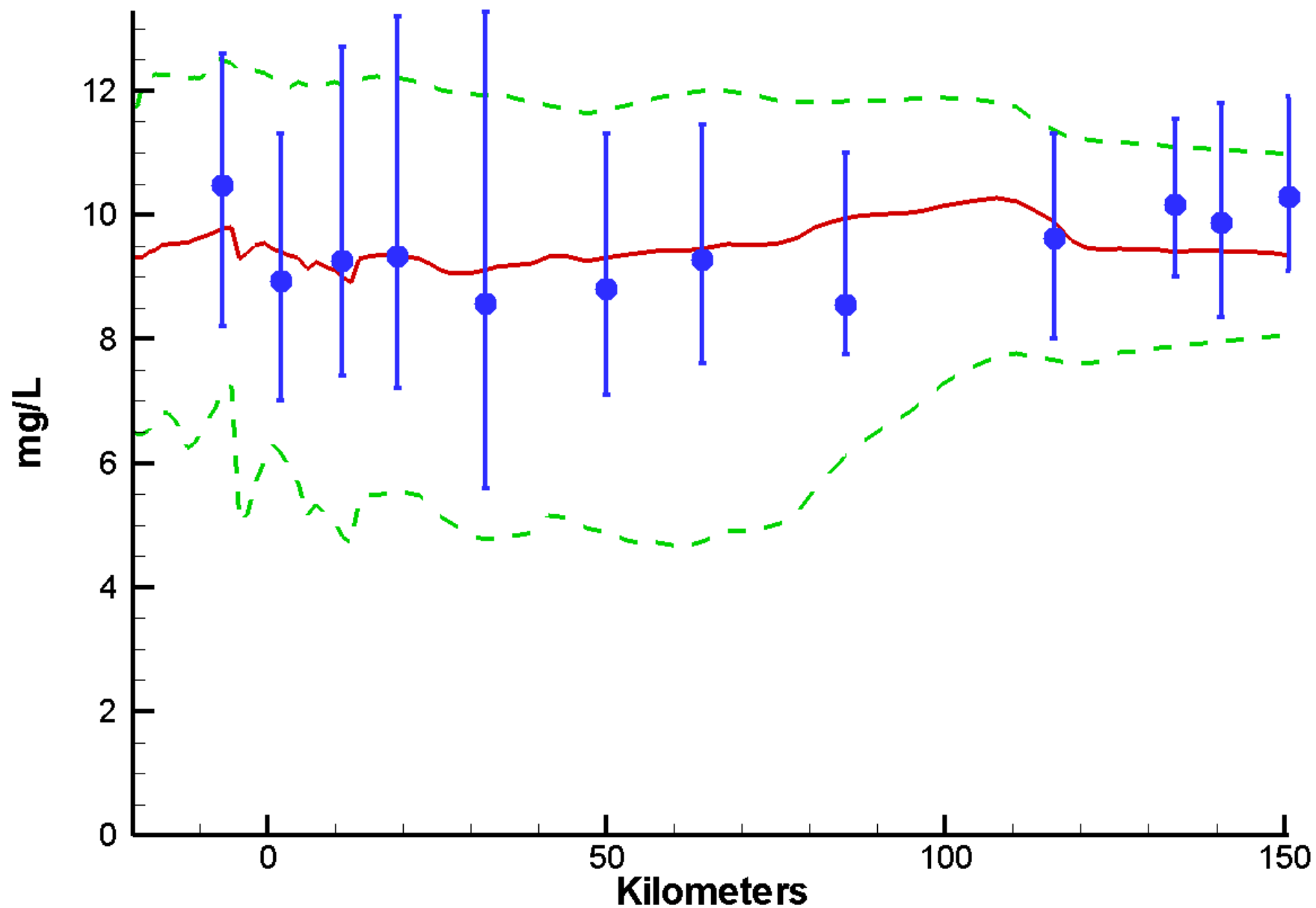
# James River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1996



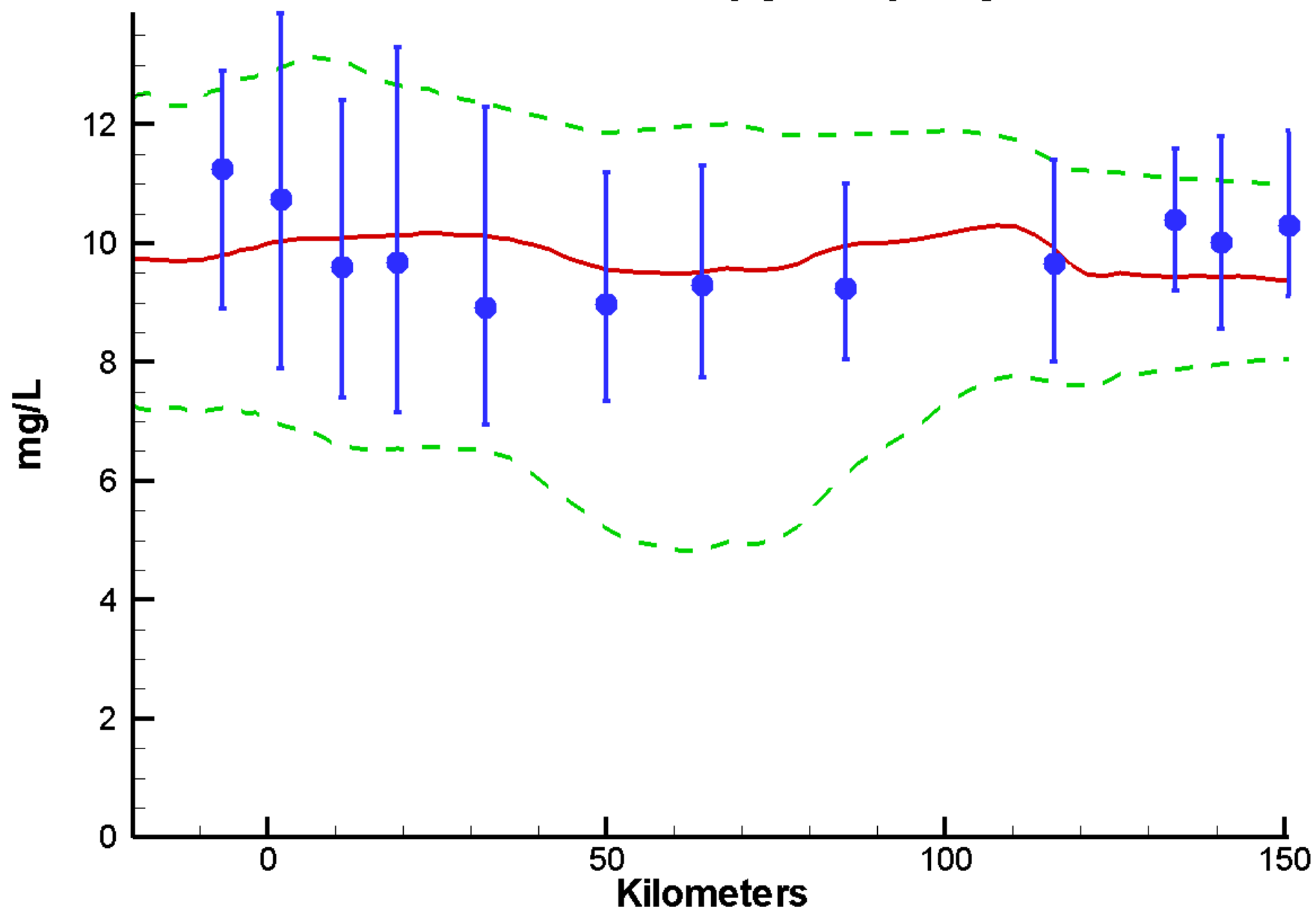
# James River Ches2015 Run118

## Bottom Dissolved Oxygen Spring 1996



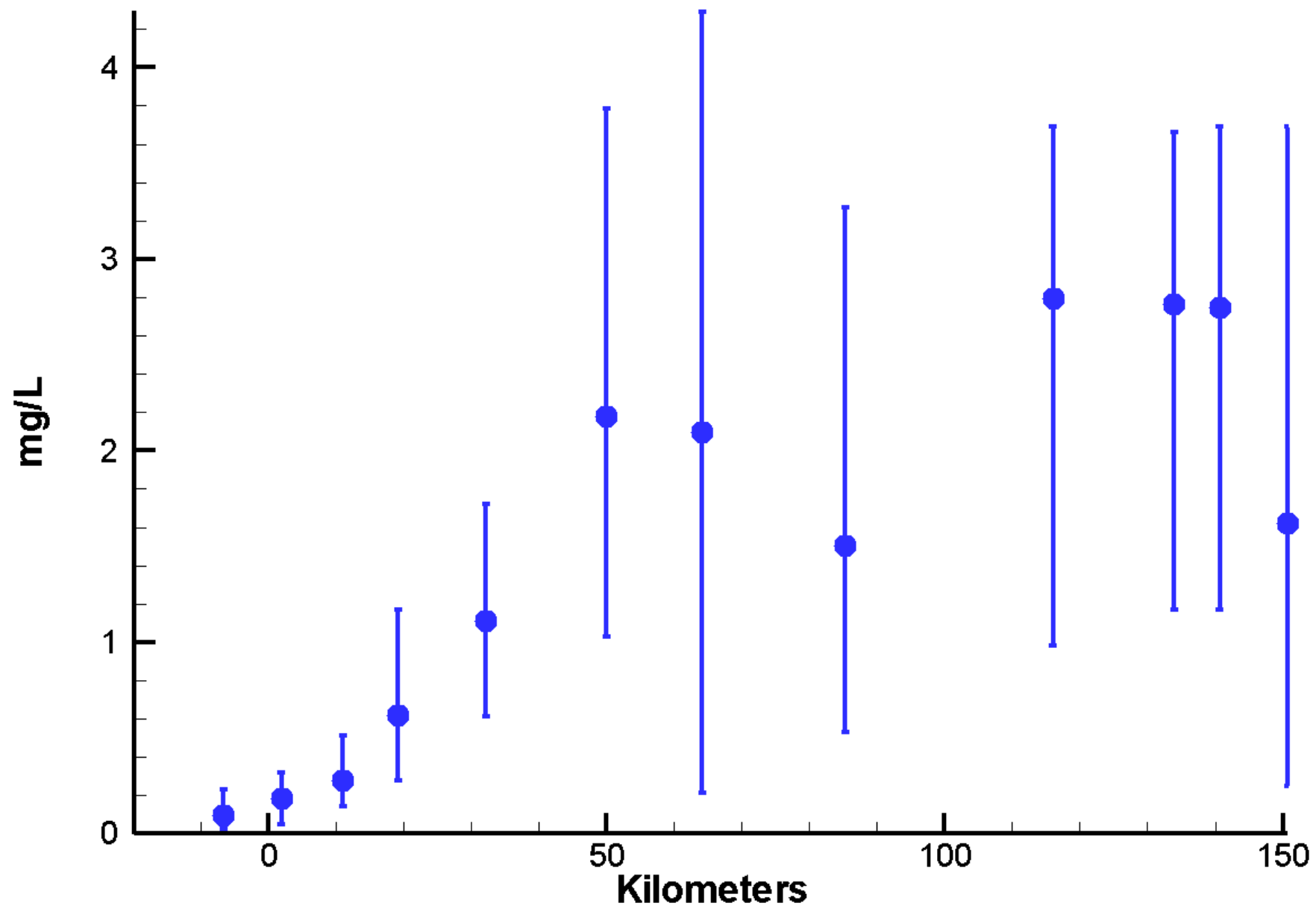
# James River Ches2015 Run118

## Surface Dissolved Oxygen Spring 1996

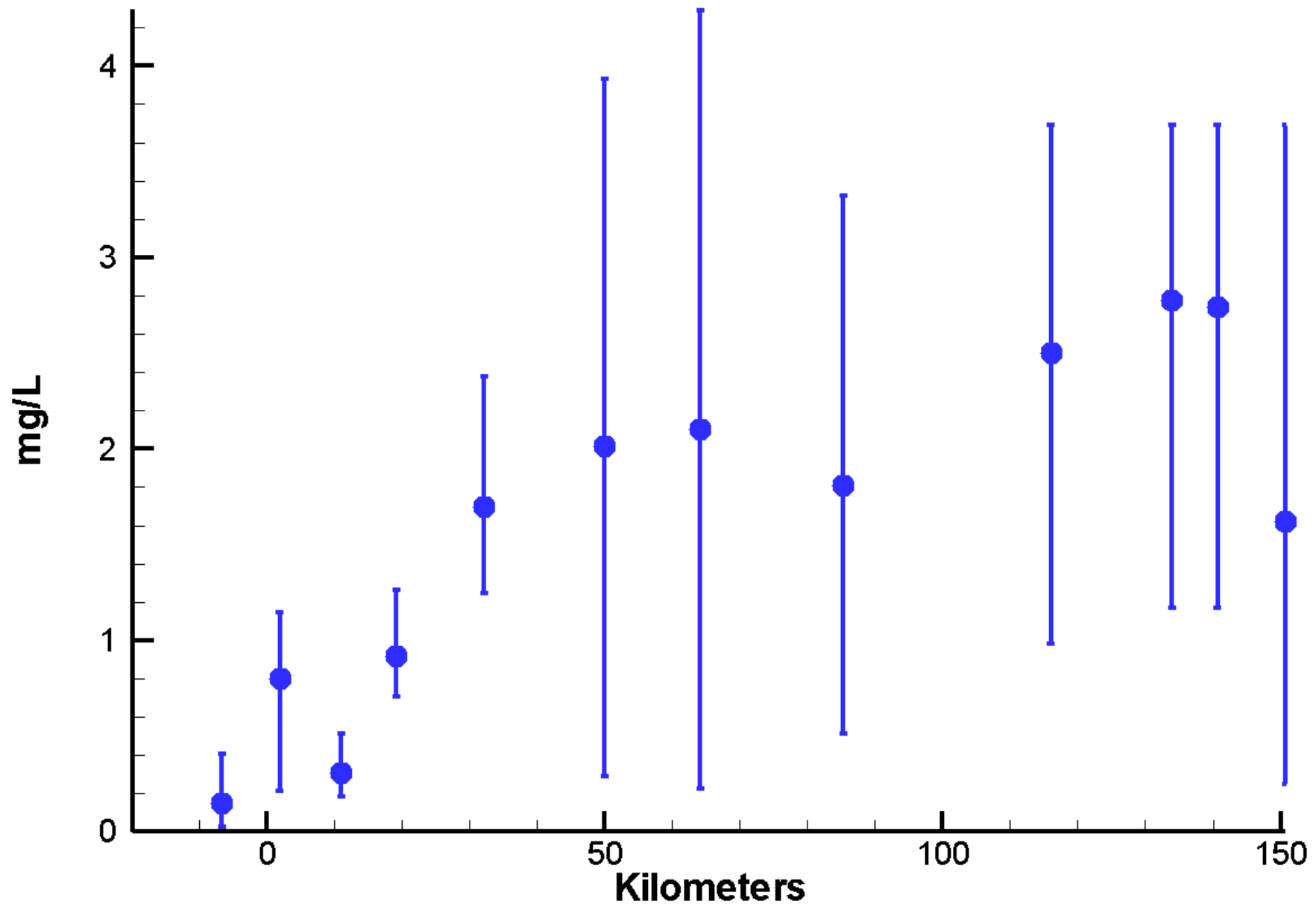


# James River Ches2015 Run118

## Bottom Dissolved Silica Spring 1996

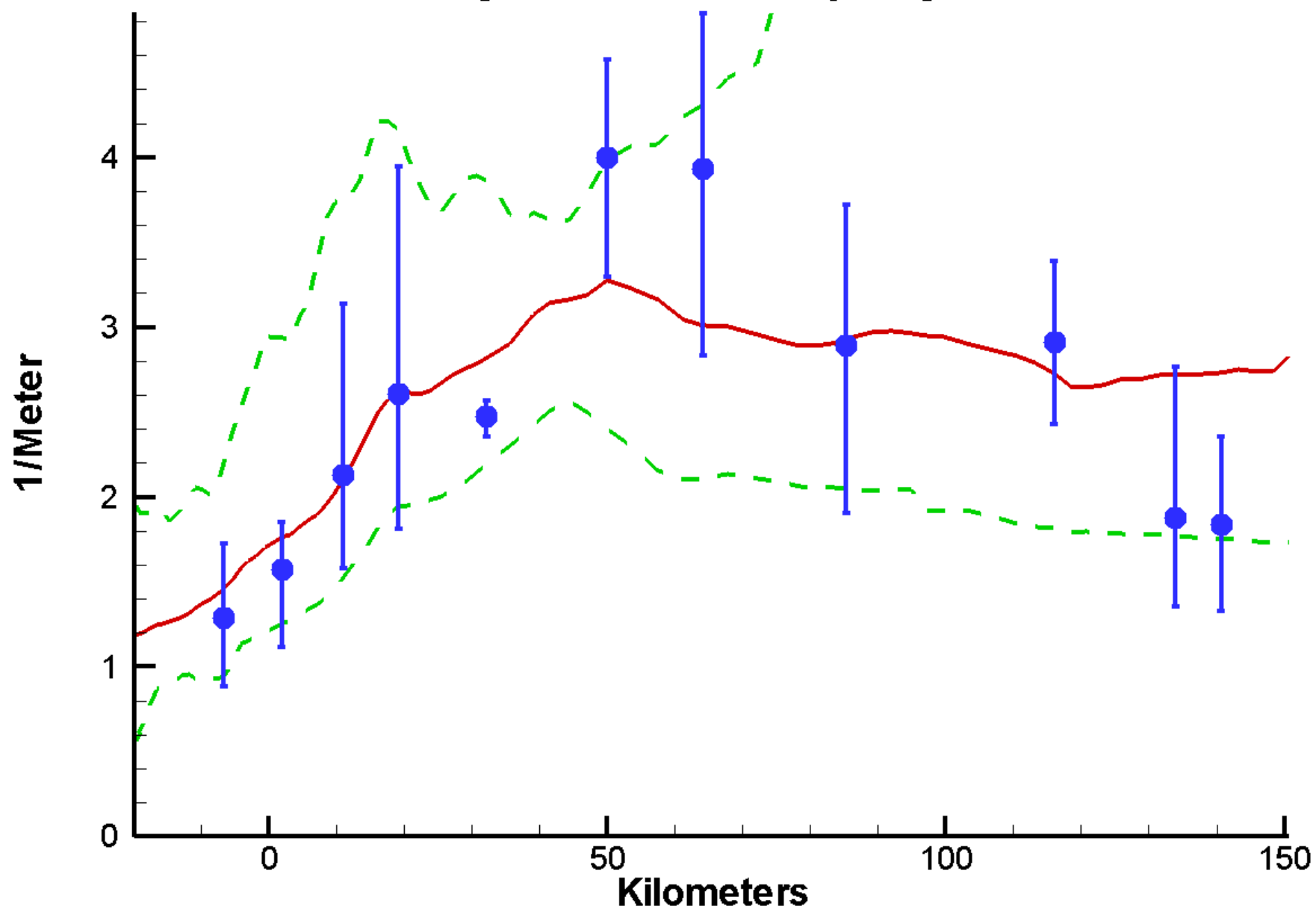


# James River Ches2015 Run118 Surface Dissolved Silica Spring 1996



# James River Ches2015 Run118

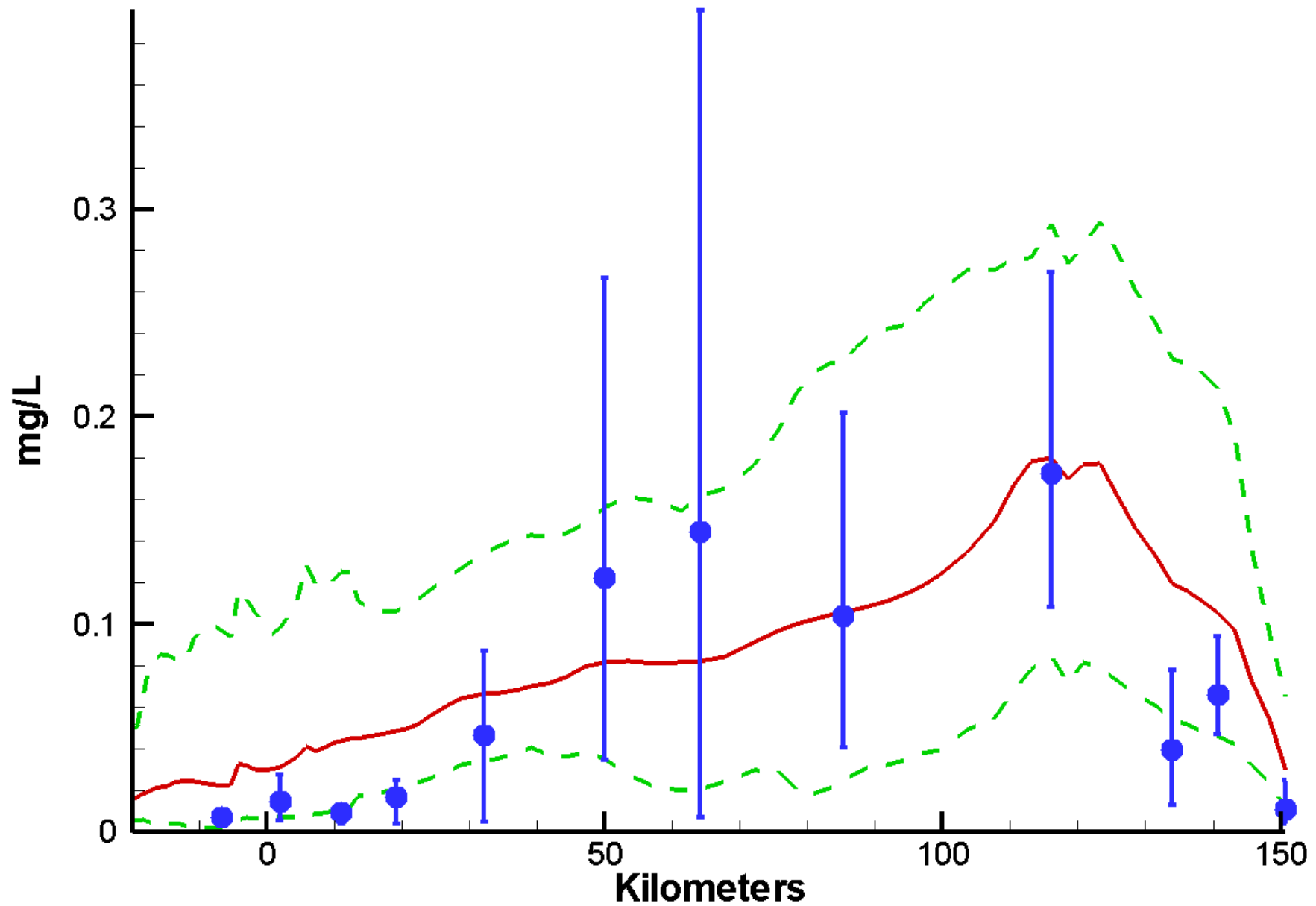
## Surface Light Extinction Spring 1996



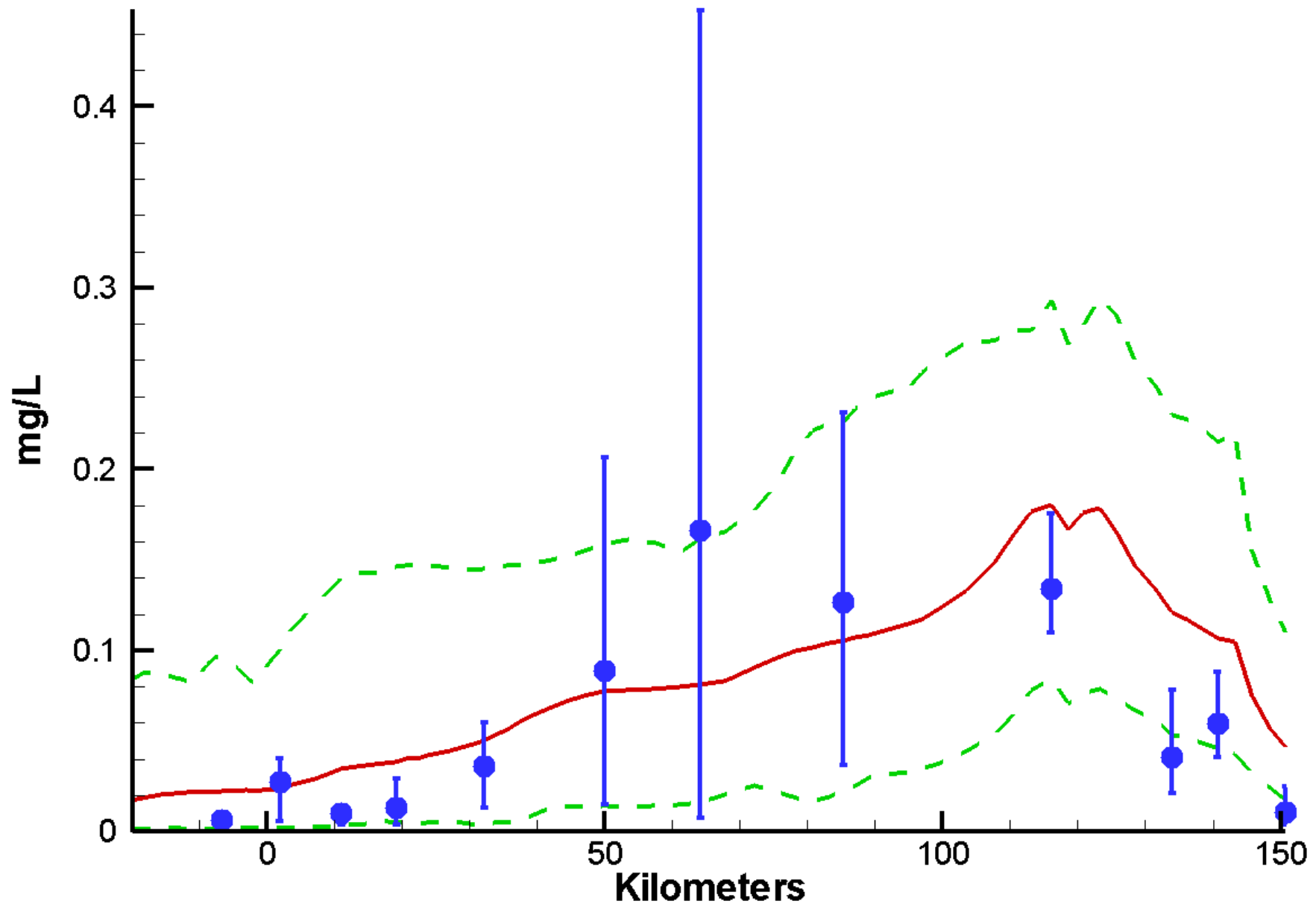


# James River Ches2015 Run118

## Bottom Ammonium Spring 1996

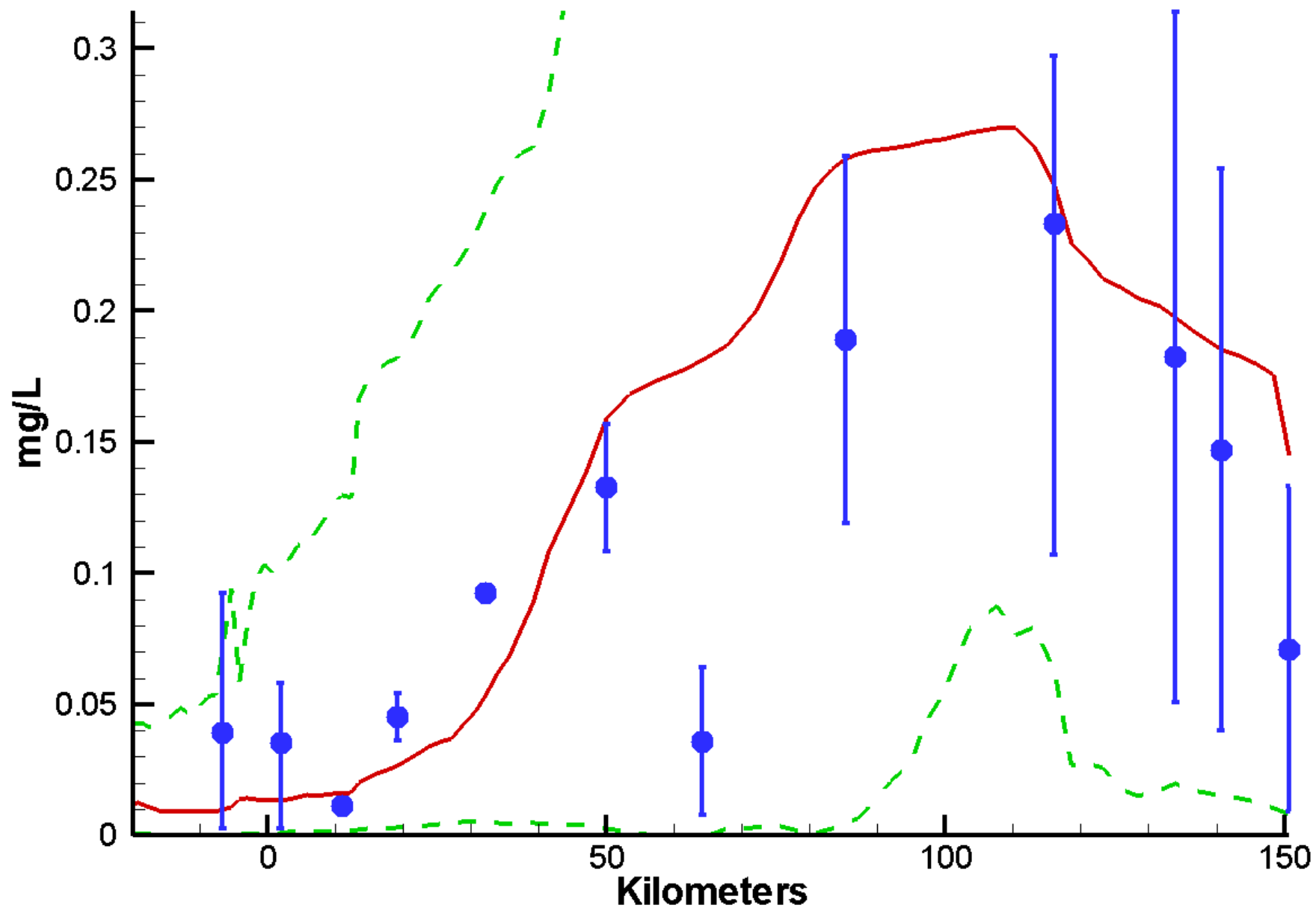


# James River Ches2015 Run118 Surface Ammonium Spring 1996



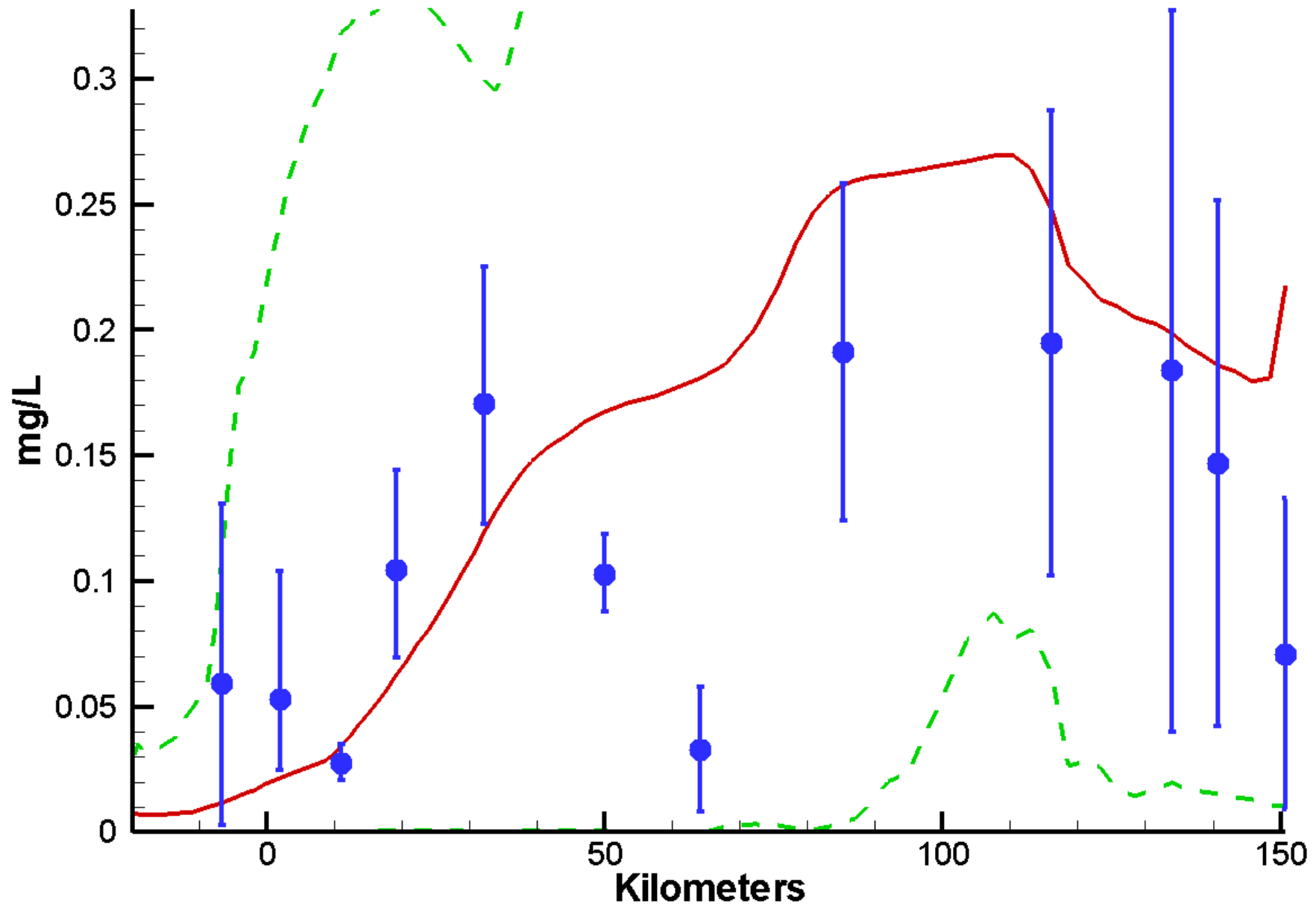
# James River Ches2015 Run118

## Bottom Nitrate Spring 1996



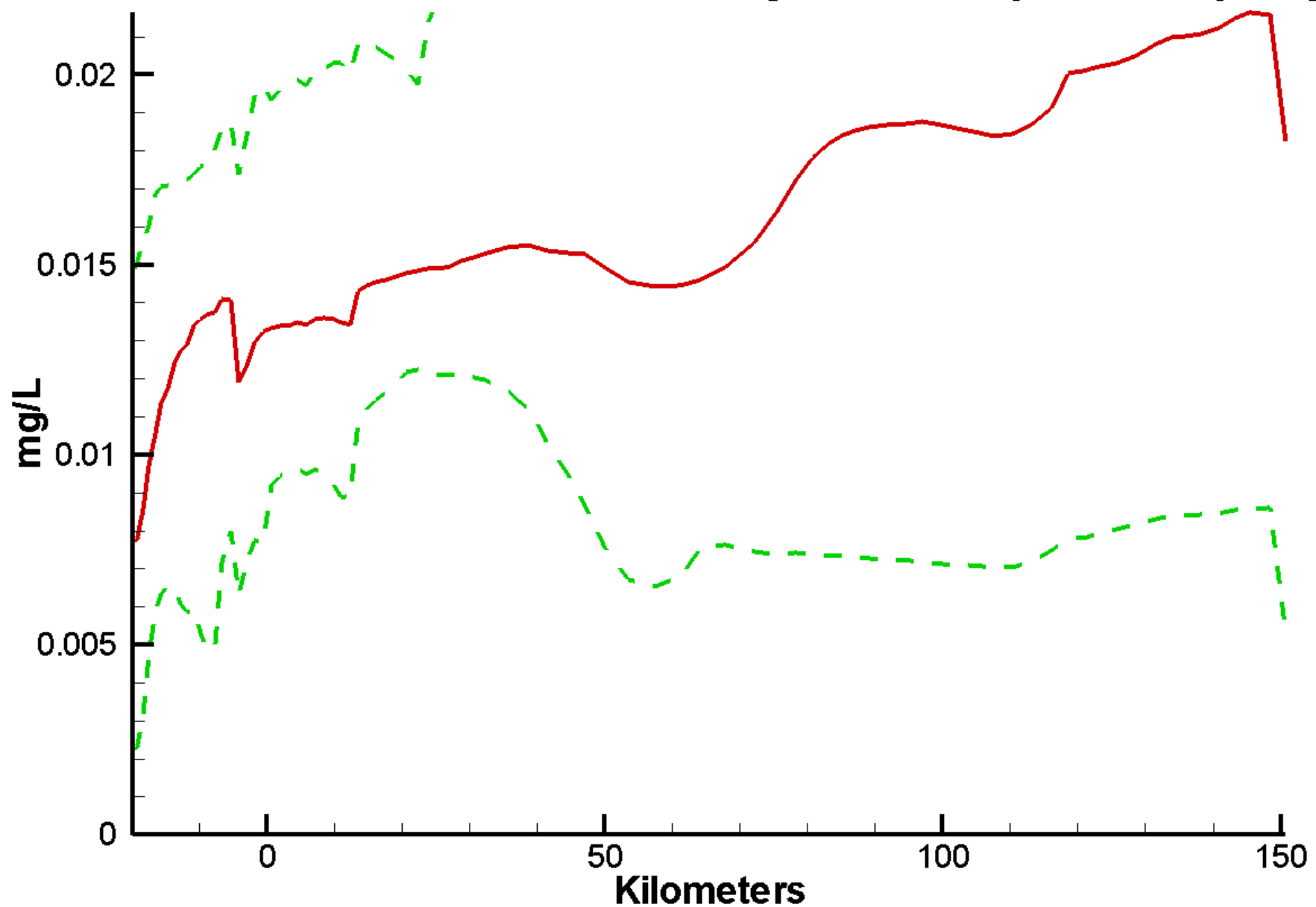
# James River Ches2015 Run118

## Surface Nitrate Spring 1996



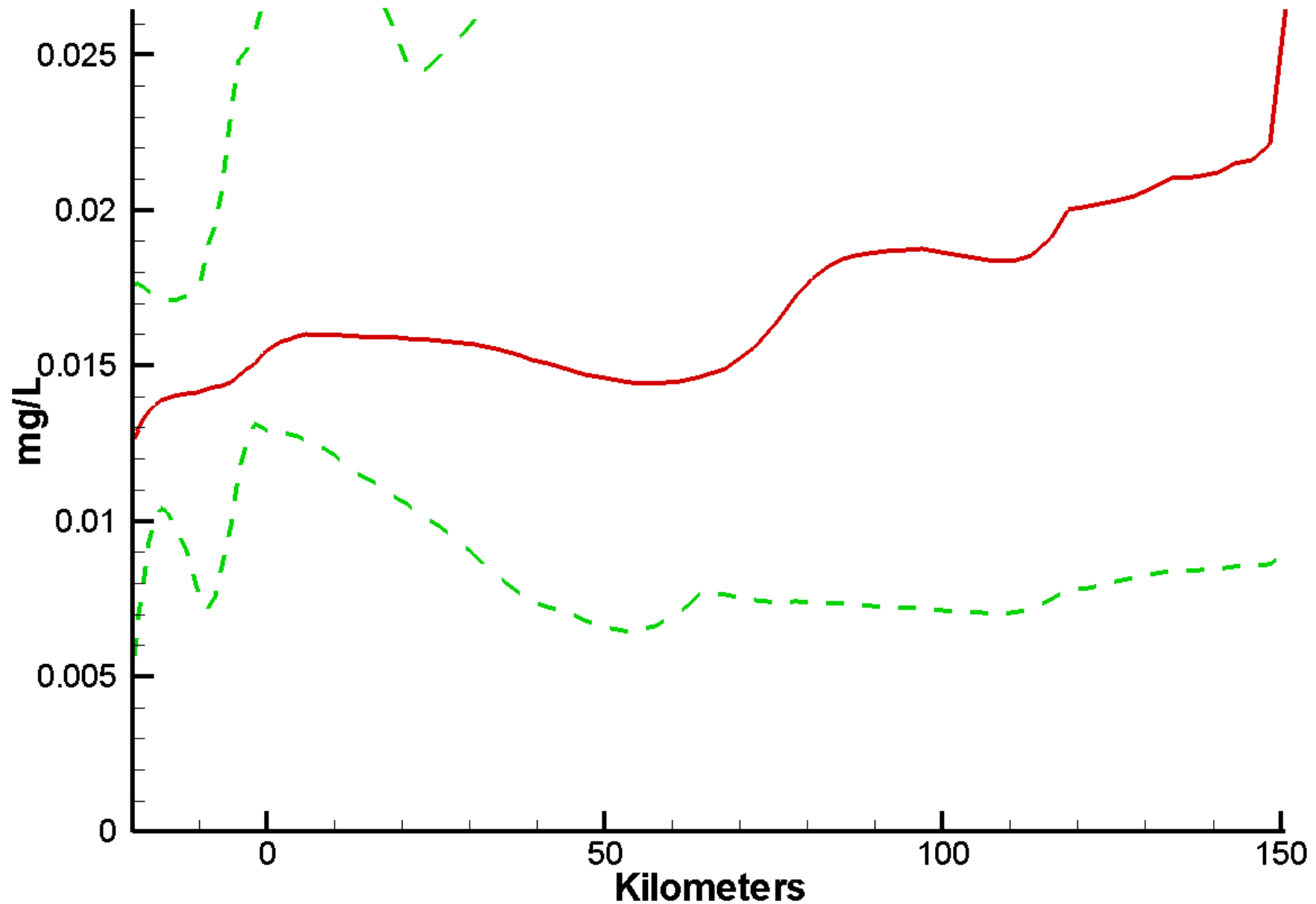
# James River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1996



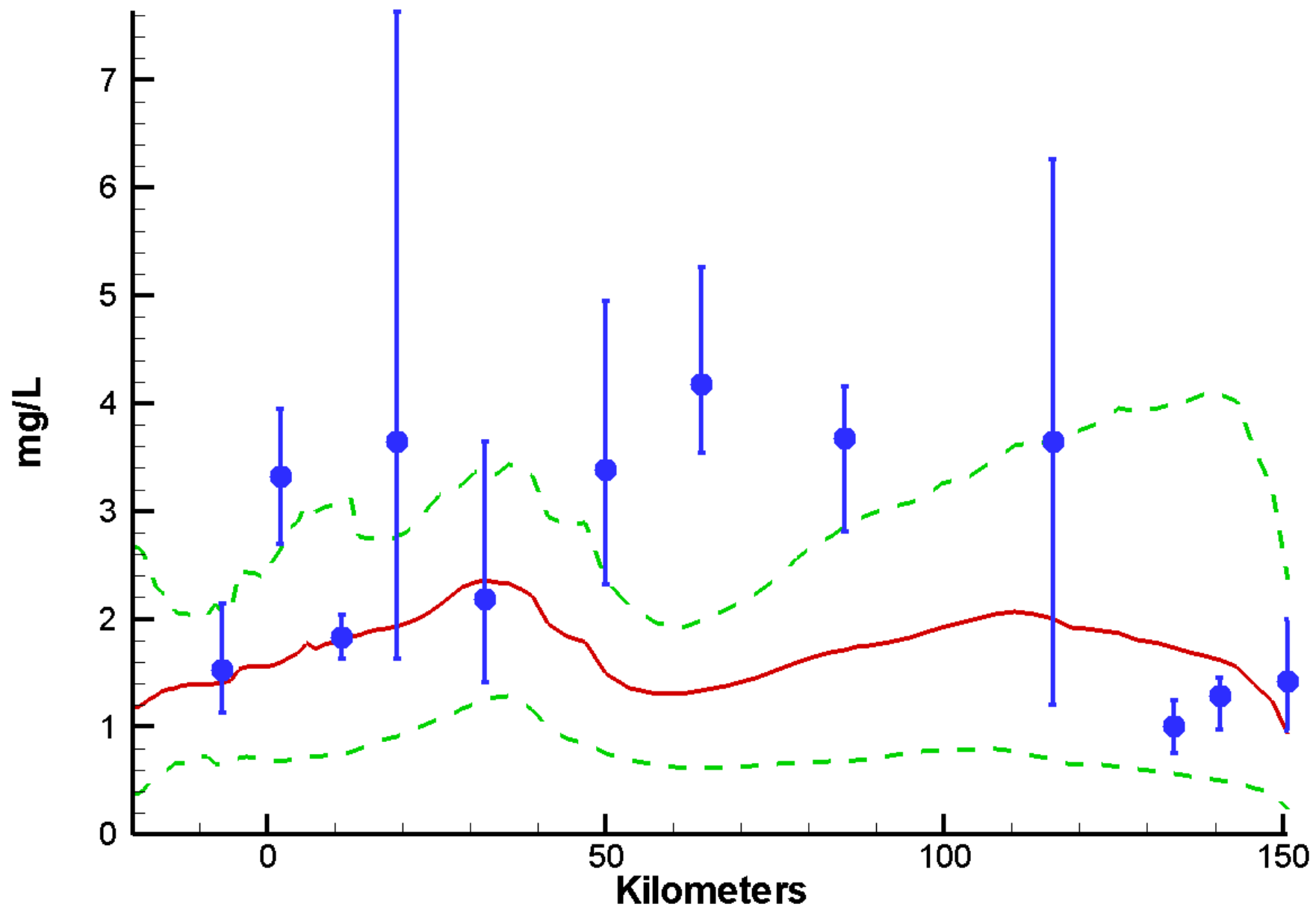
# James River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1996



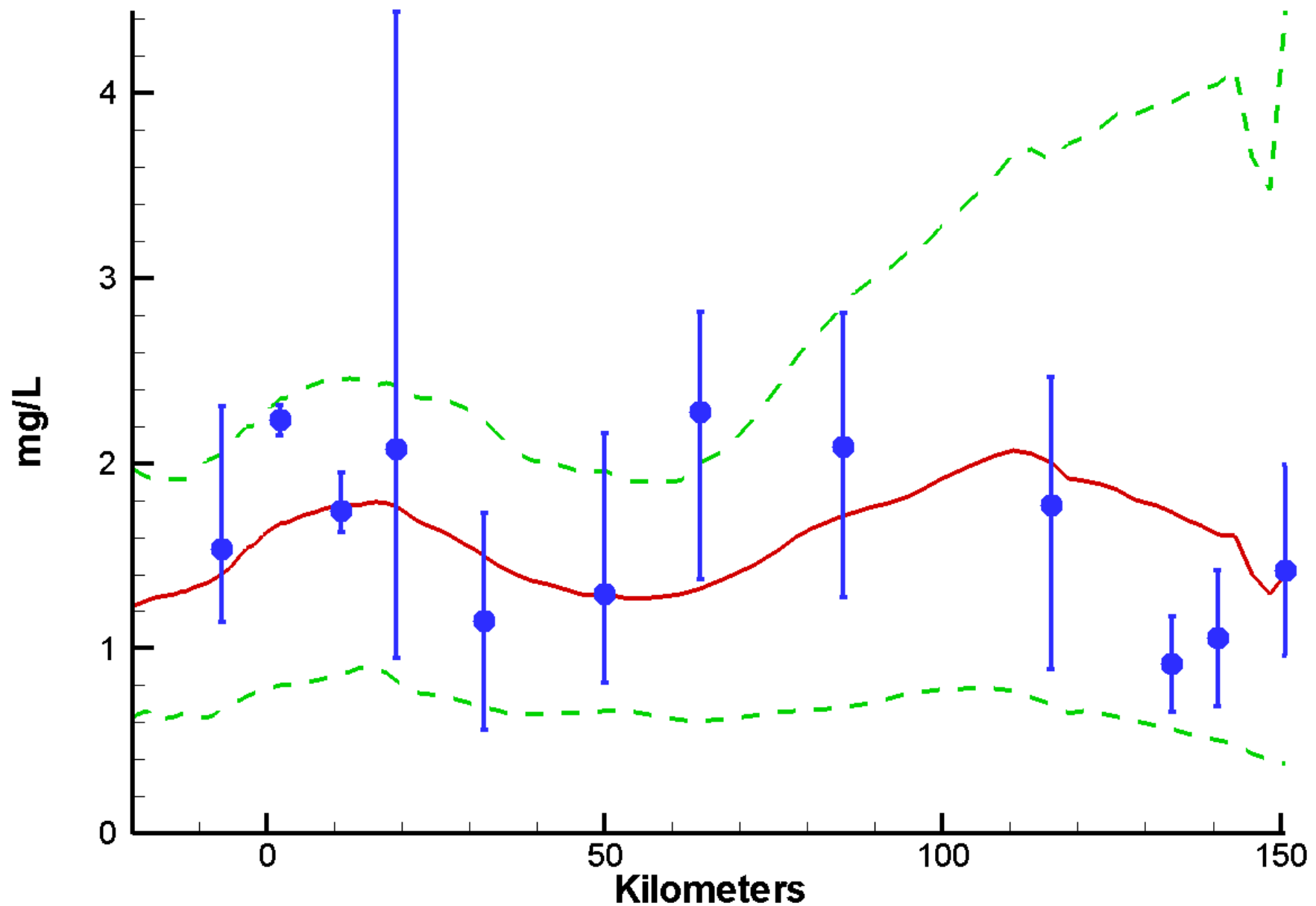
# James River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1996



# James River Ches2015 Run118

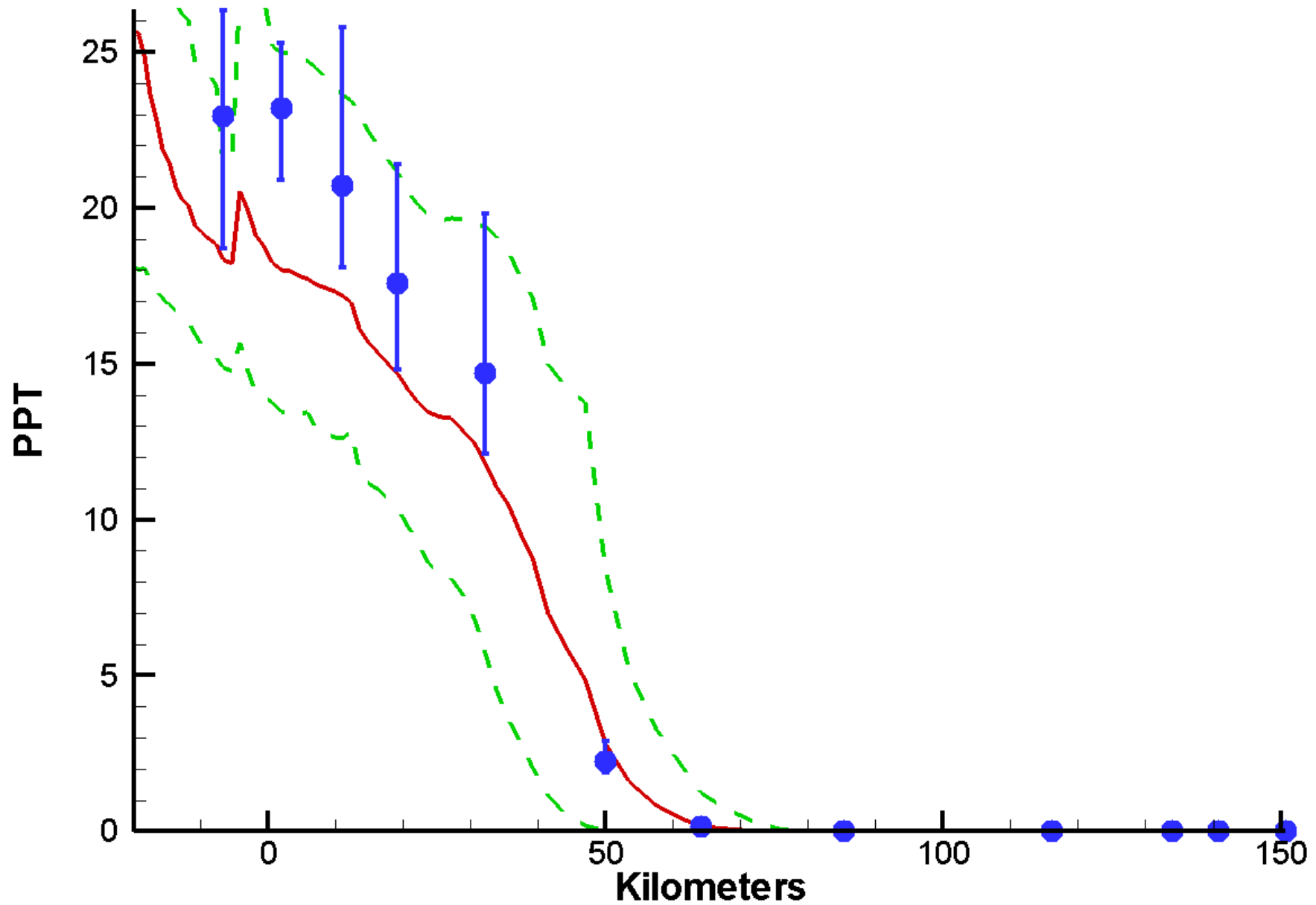
## Surface Particulate Organic Carbon Spring 1996





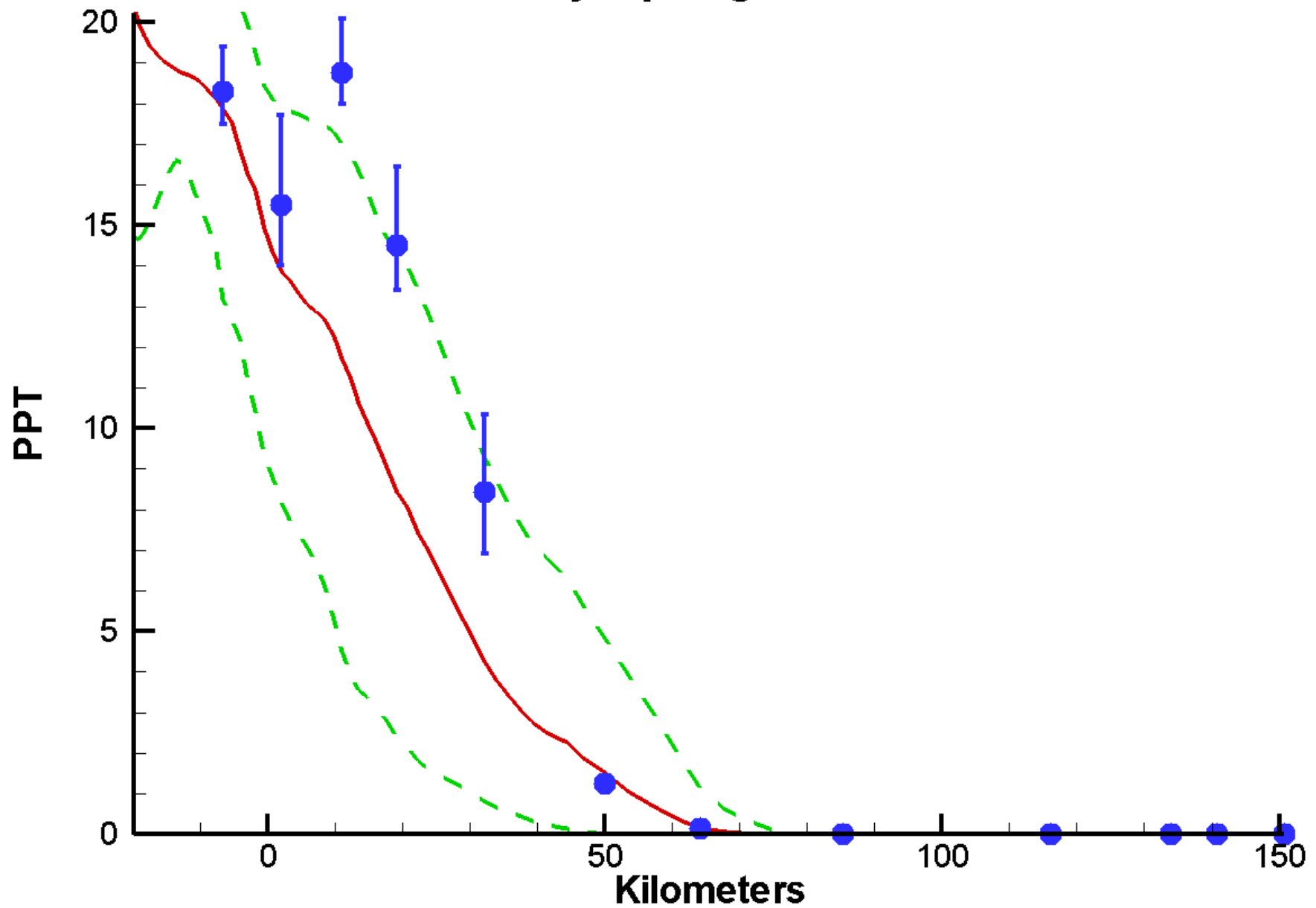
# James River Ches2015 Run118

## Bottom Salinity Spring 1996



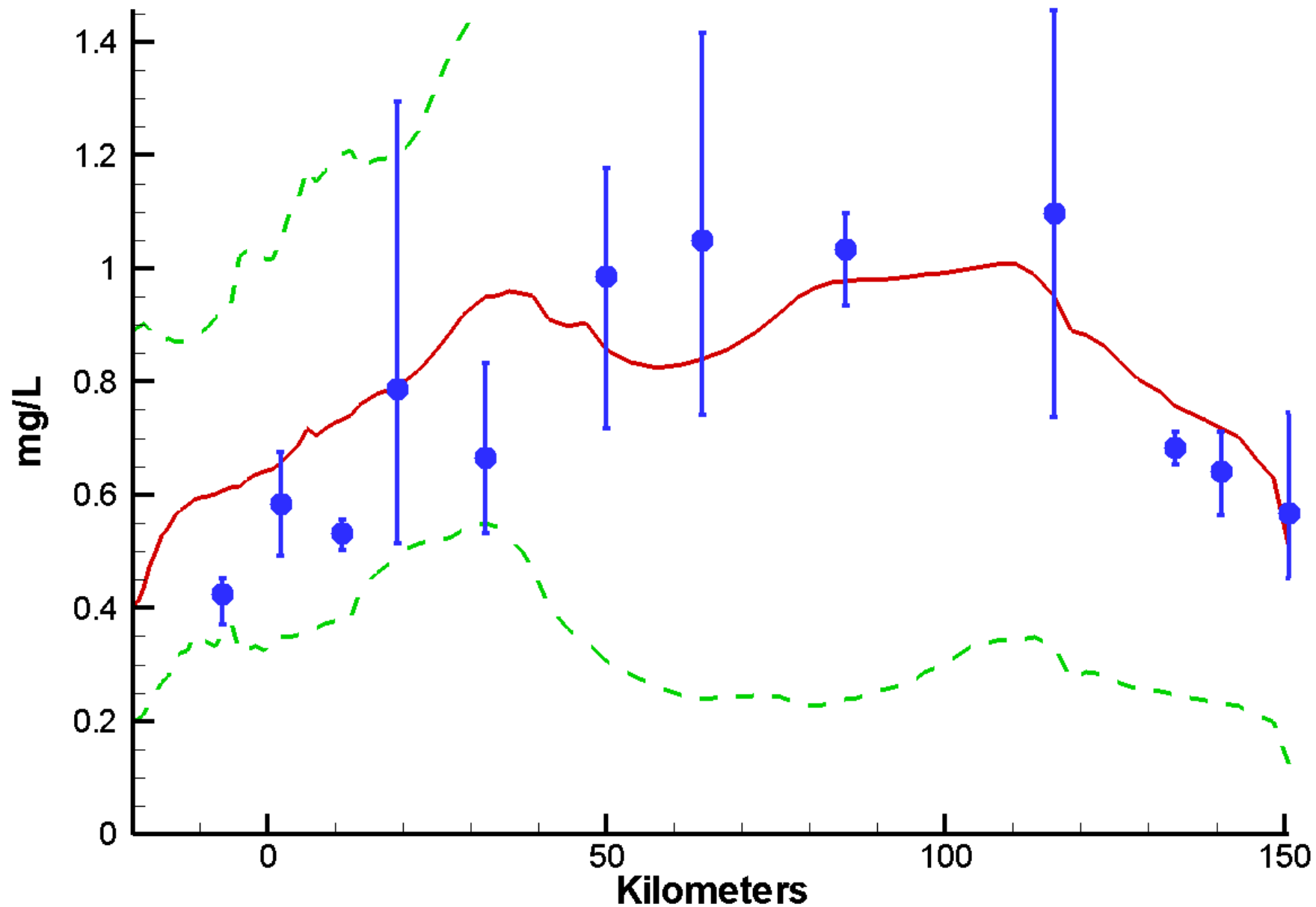
# James River Ches2015 Run118

## Surface Salinity Spring 1996

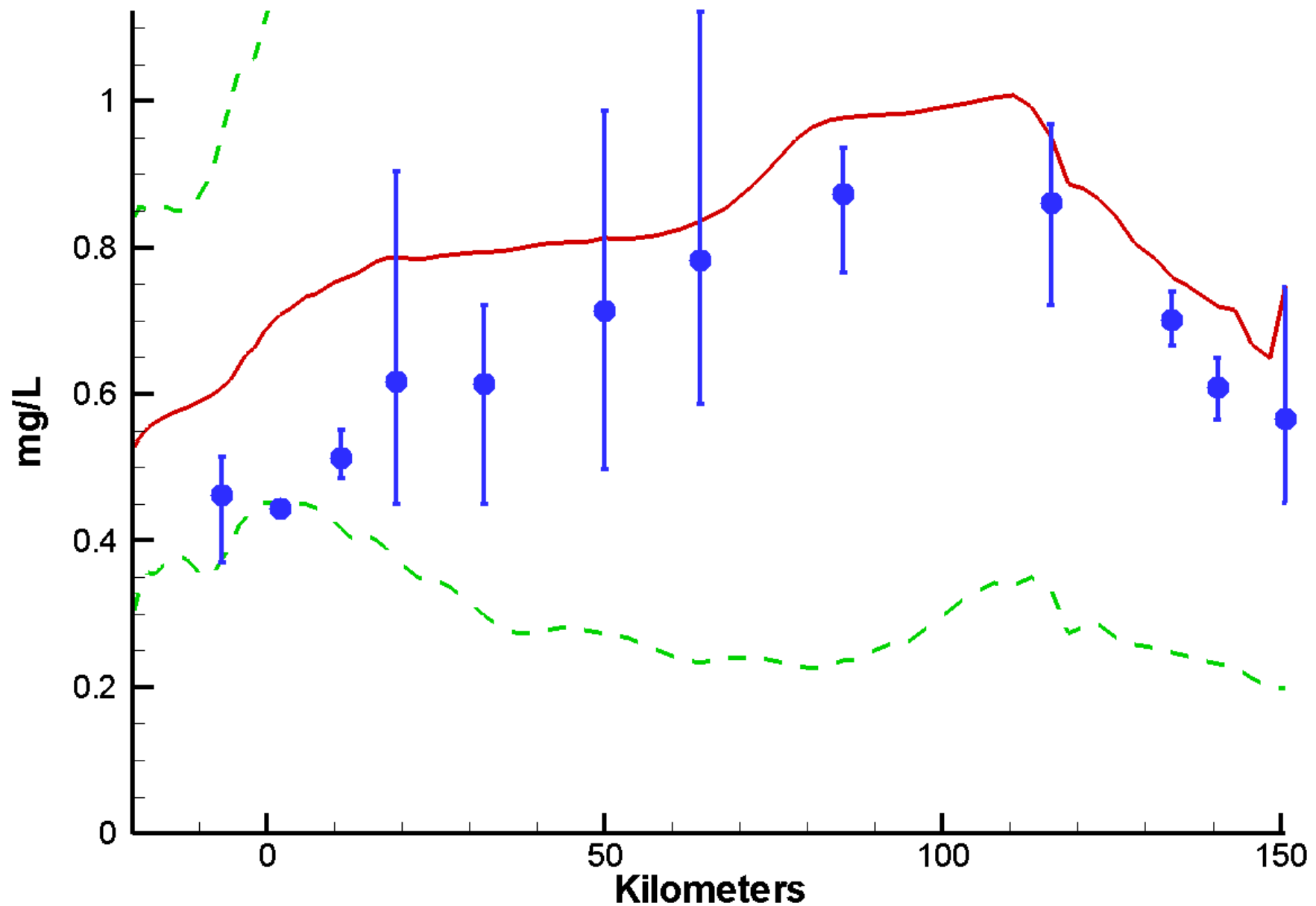


# James River Ches2015 Run118

## Bottom Total Nitrogen Spring 1996

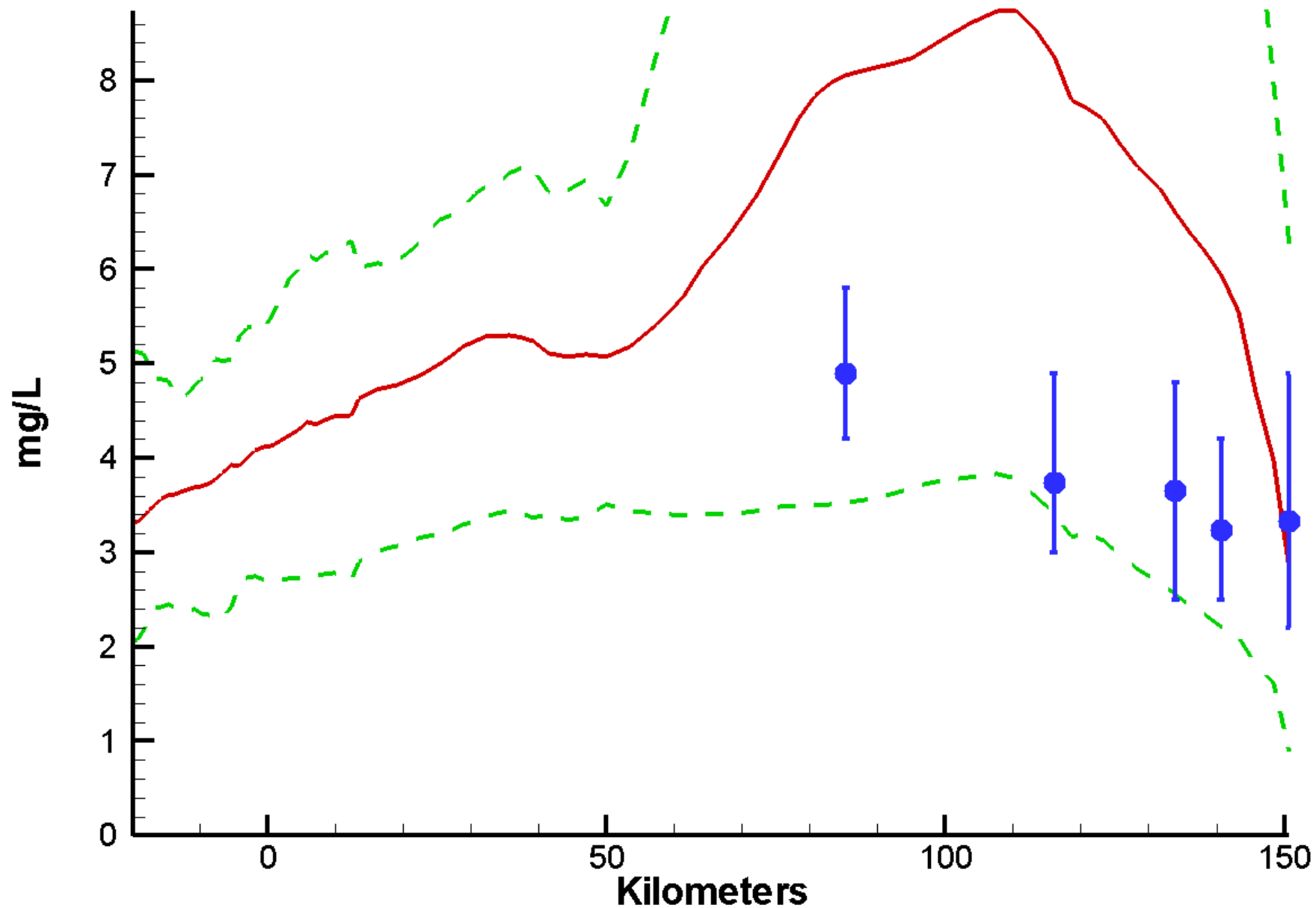


# James River Ches2015 Run118 Surface Total Nitrogen Spring 1996



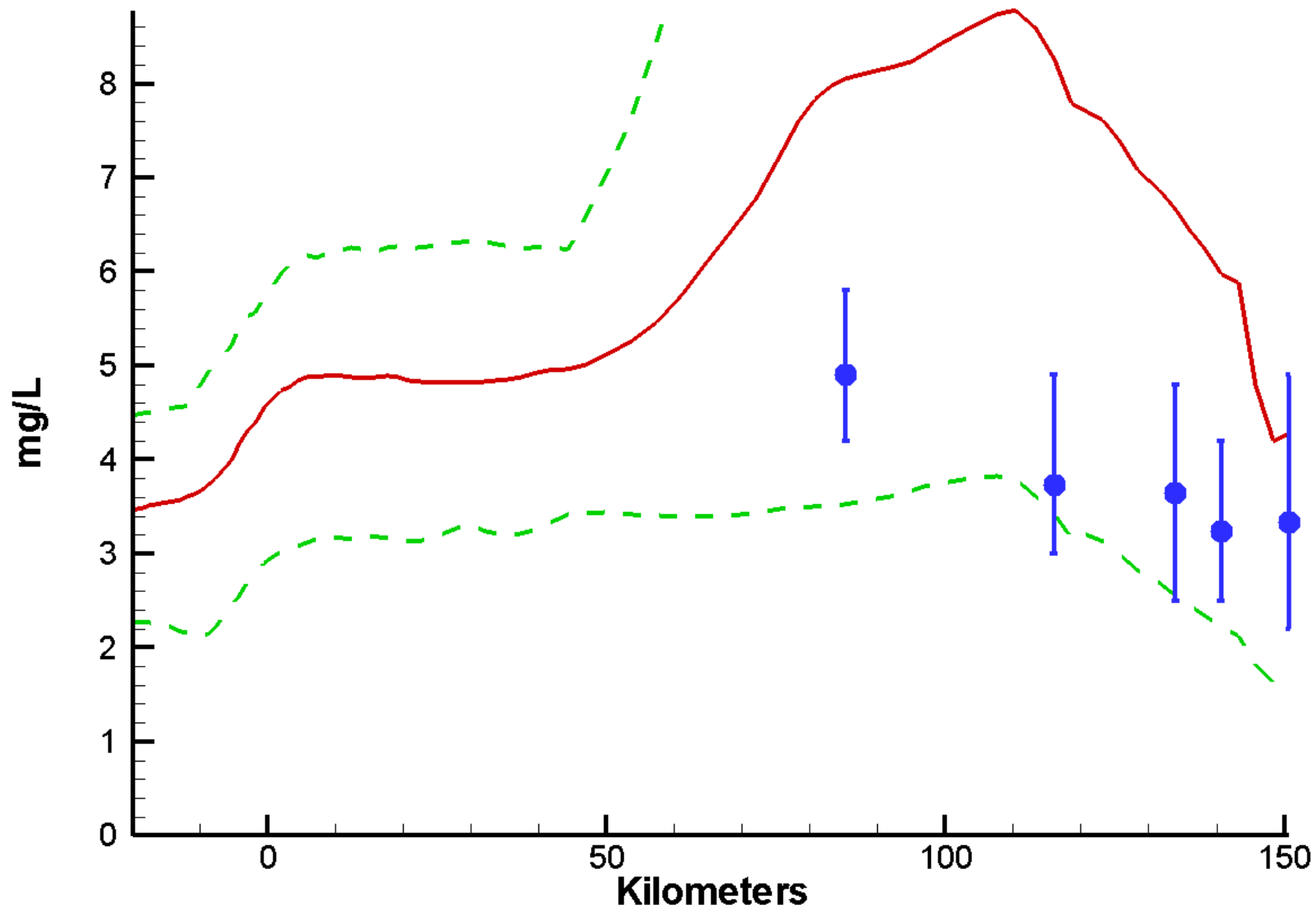
# James River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1996



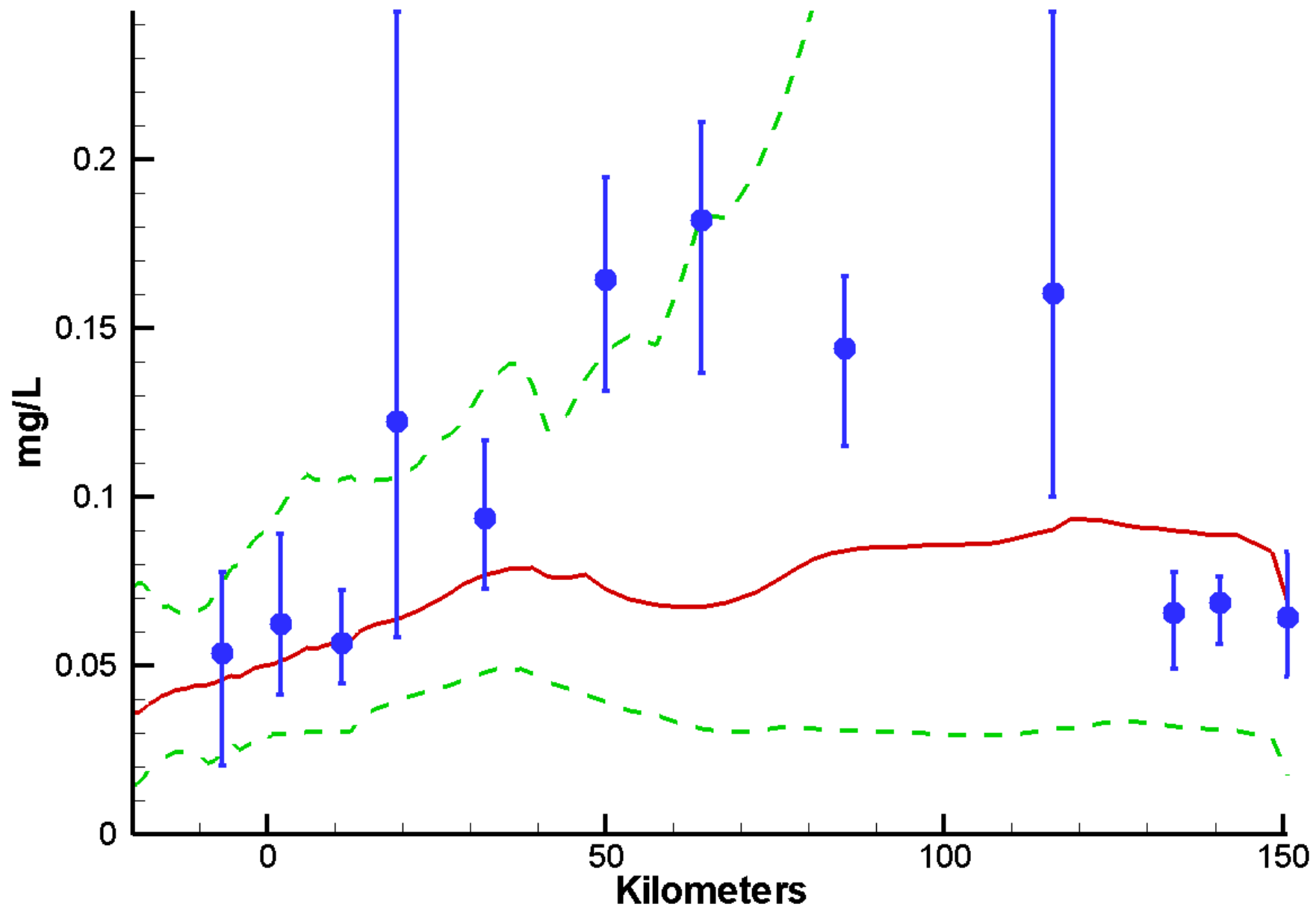
# James River Ches2015 Run118

## Surface Total Organic Carbon Spring 1996



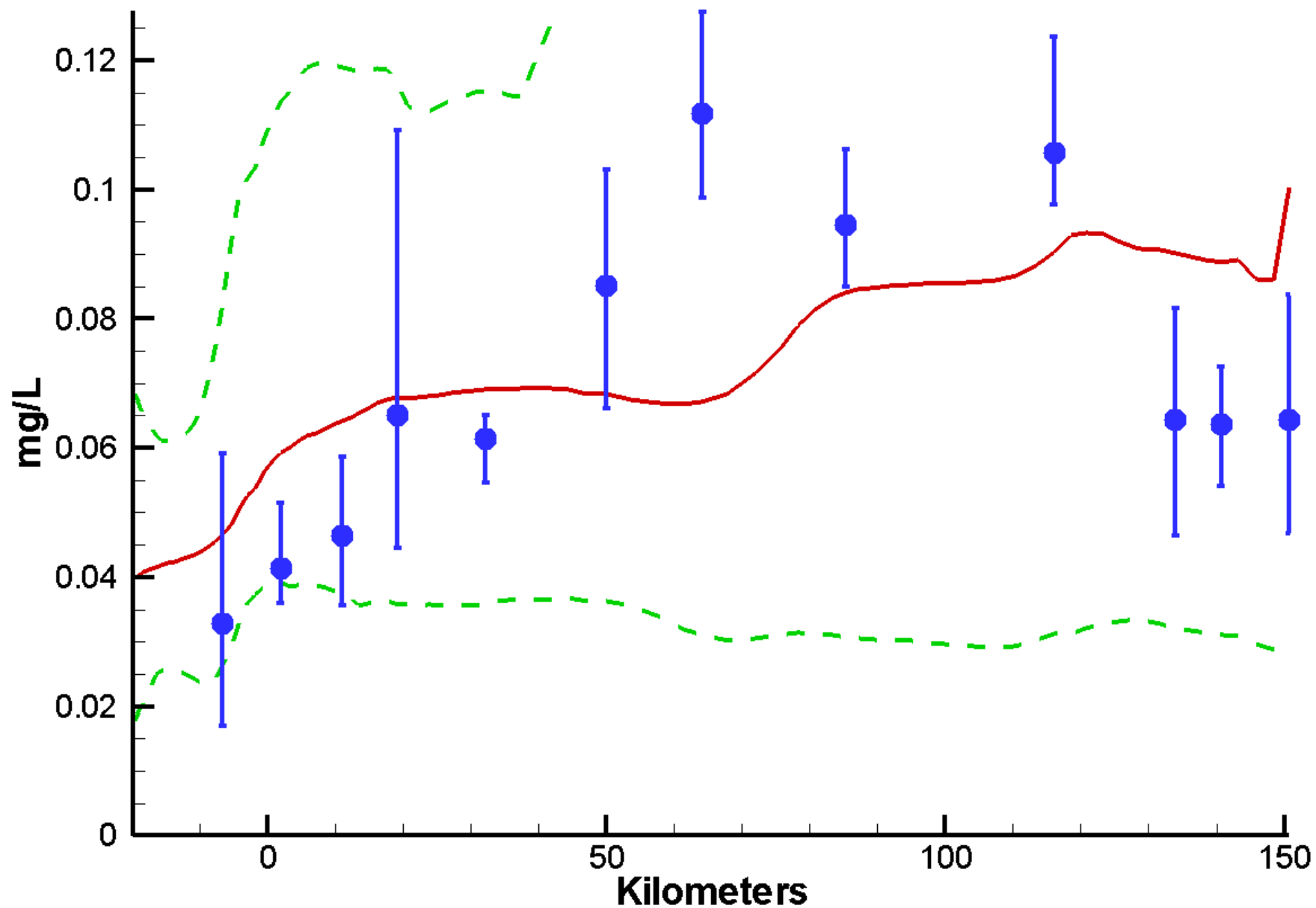
# James River Ches2015 Run118

## Bottom Total Phosphorus Spring 1996



# James River Ches2015 Run118

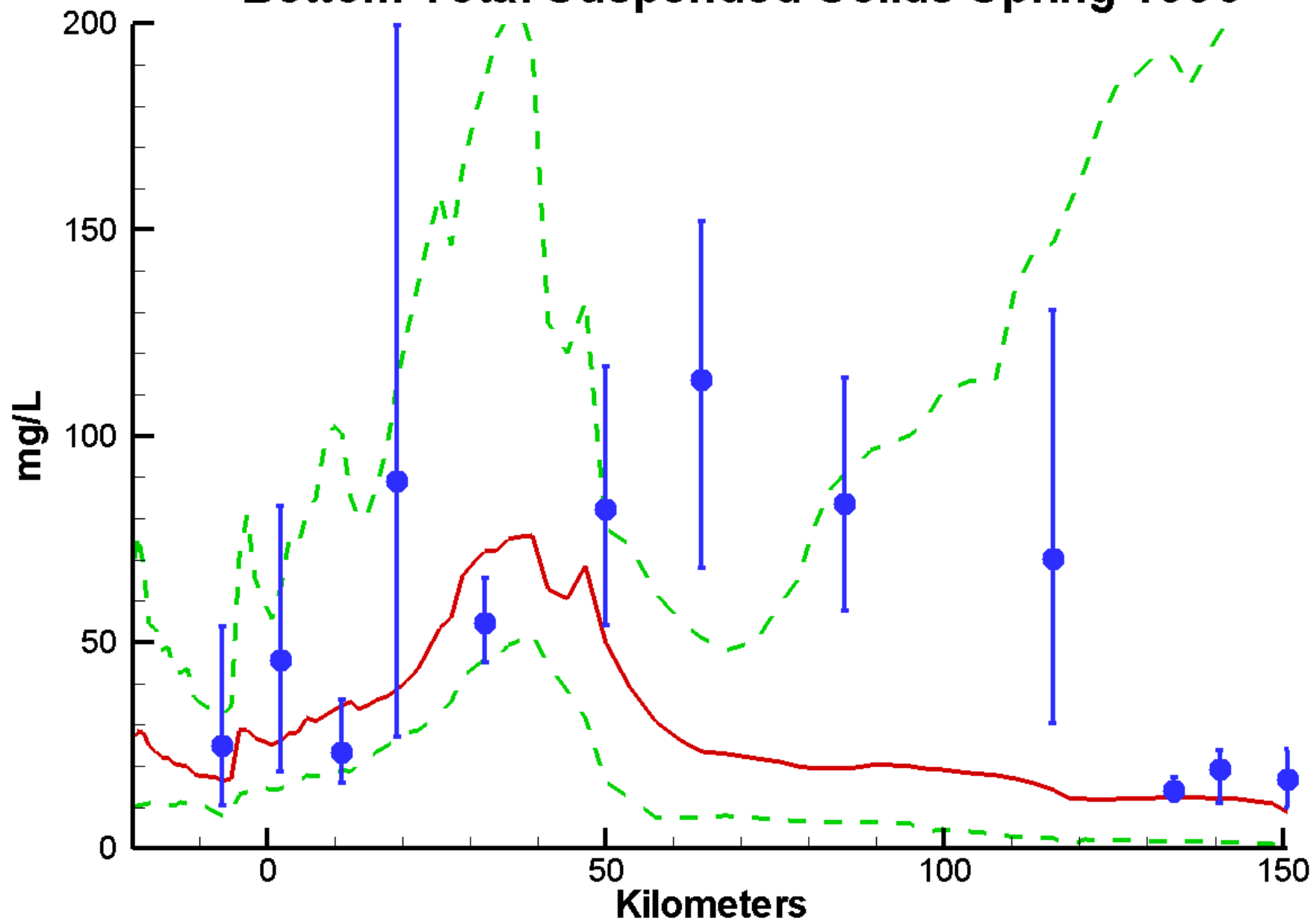
## Surface Total Phosphorus Spring 1996





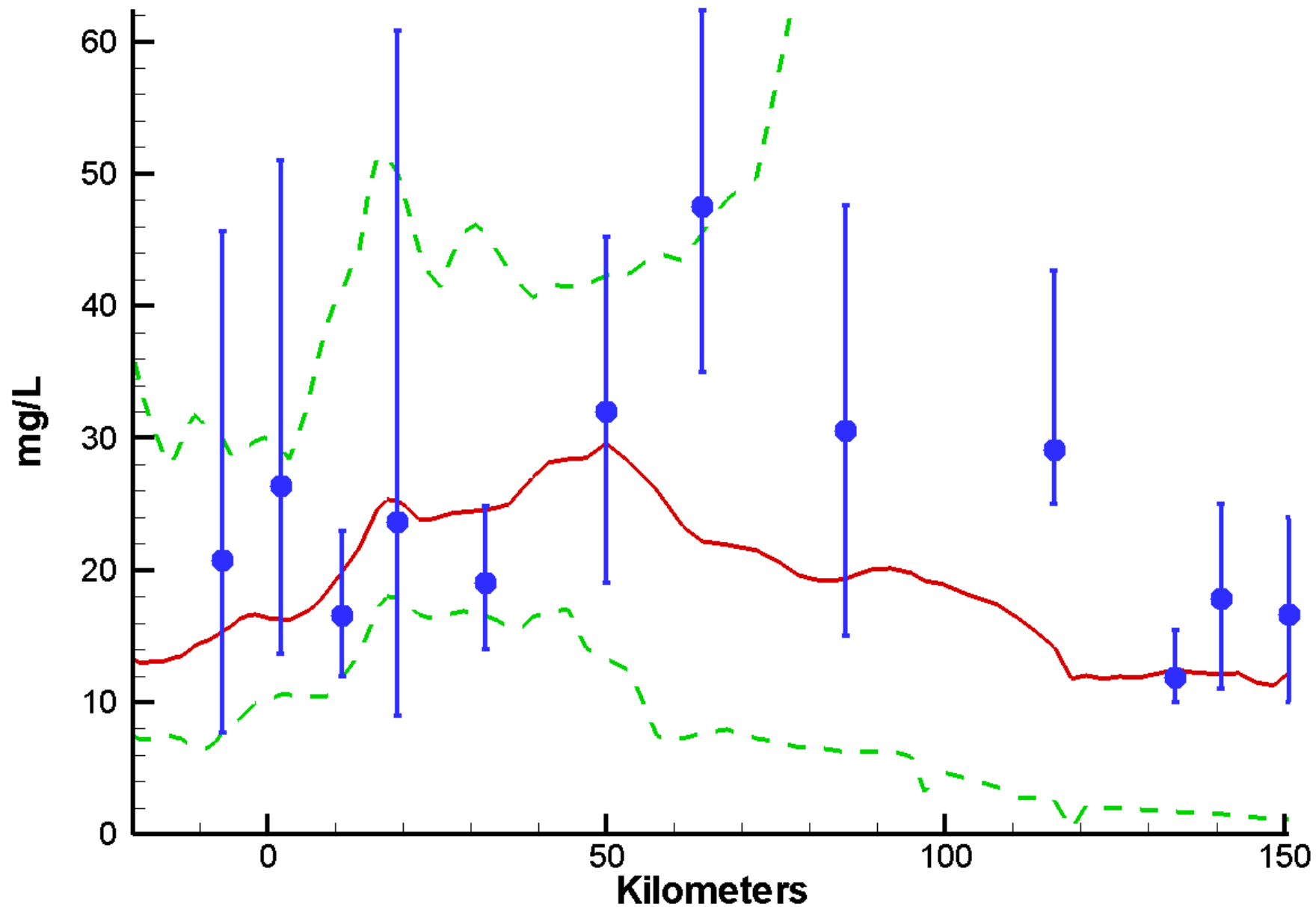
# James River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1996



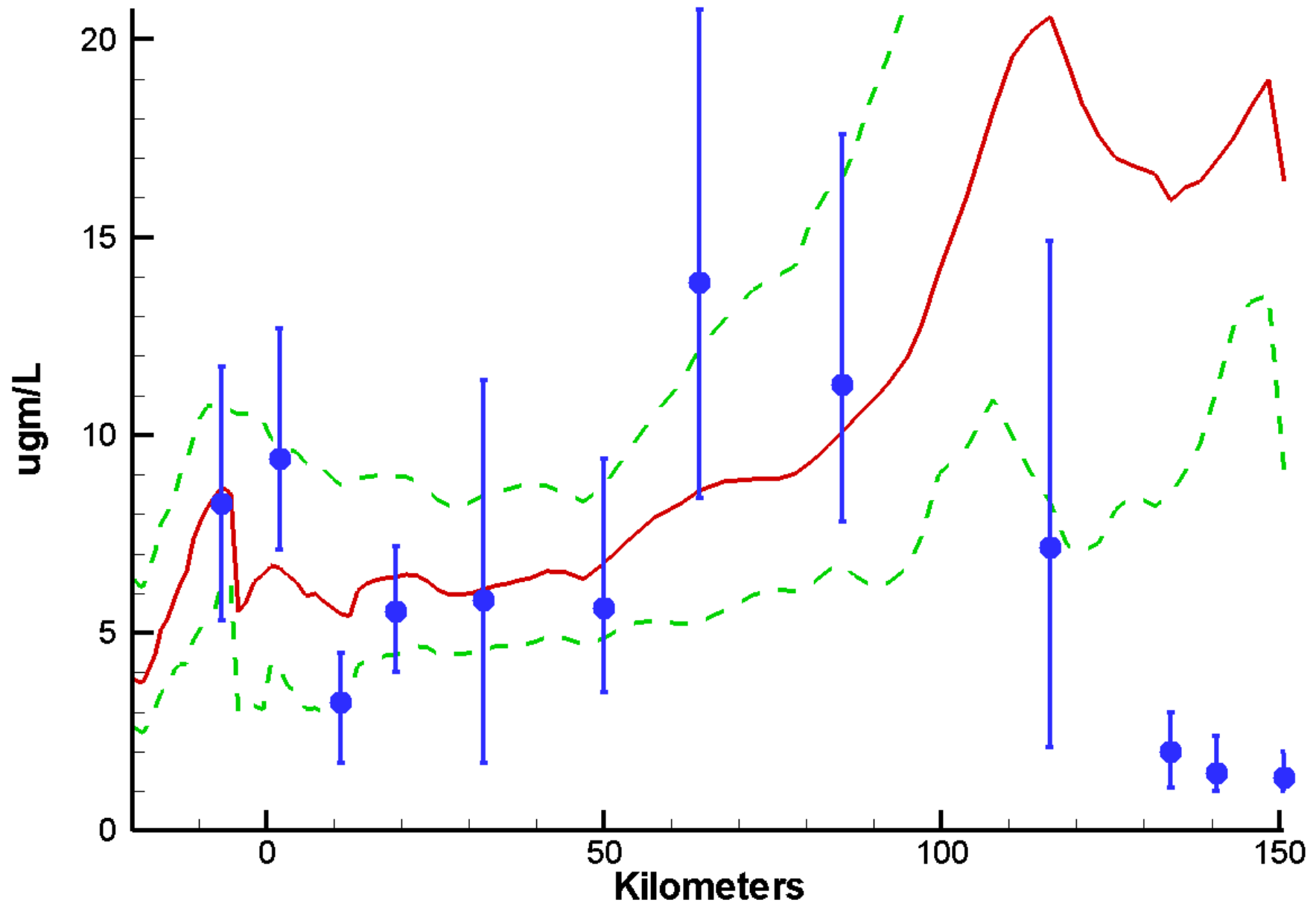
# James River Ches2015 Run118

## Surface Total Suspended Solids Spring 1996



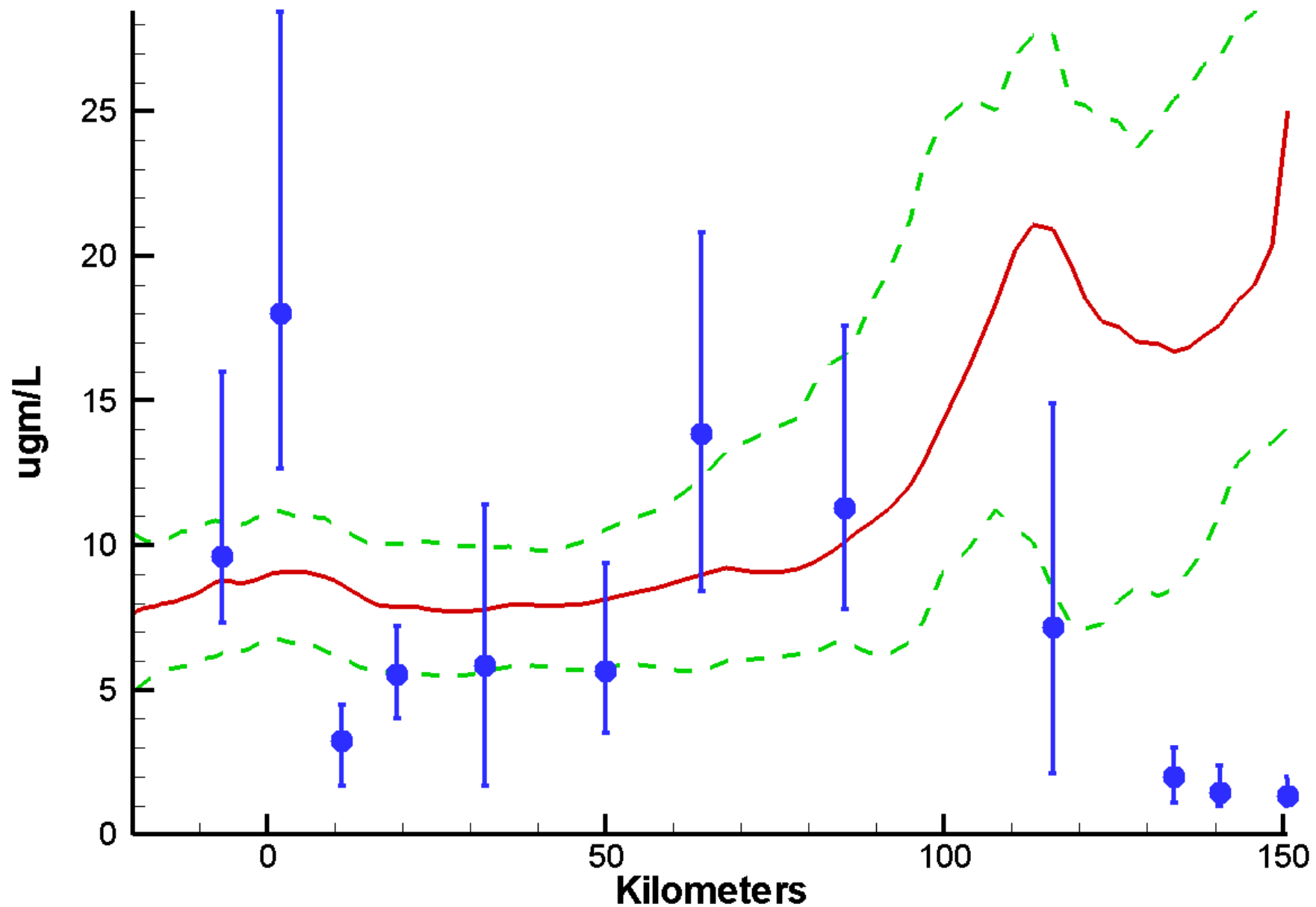
# James River Ches2015 Run118

## Bottom Chlorophyll Summer 1996



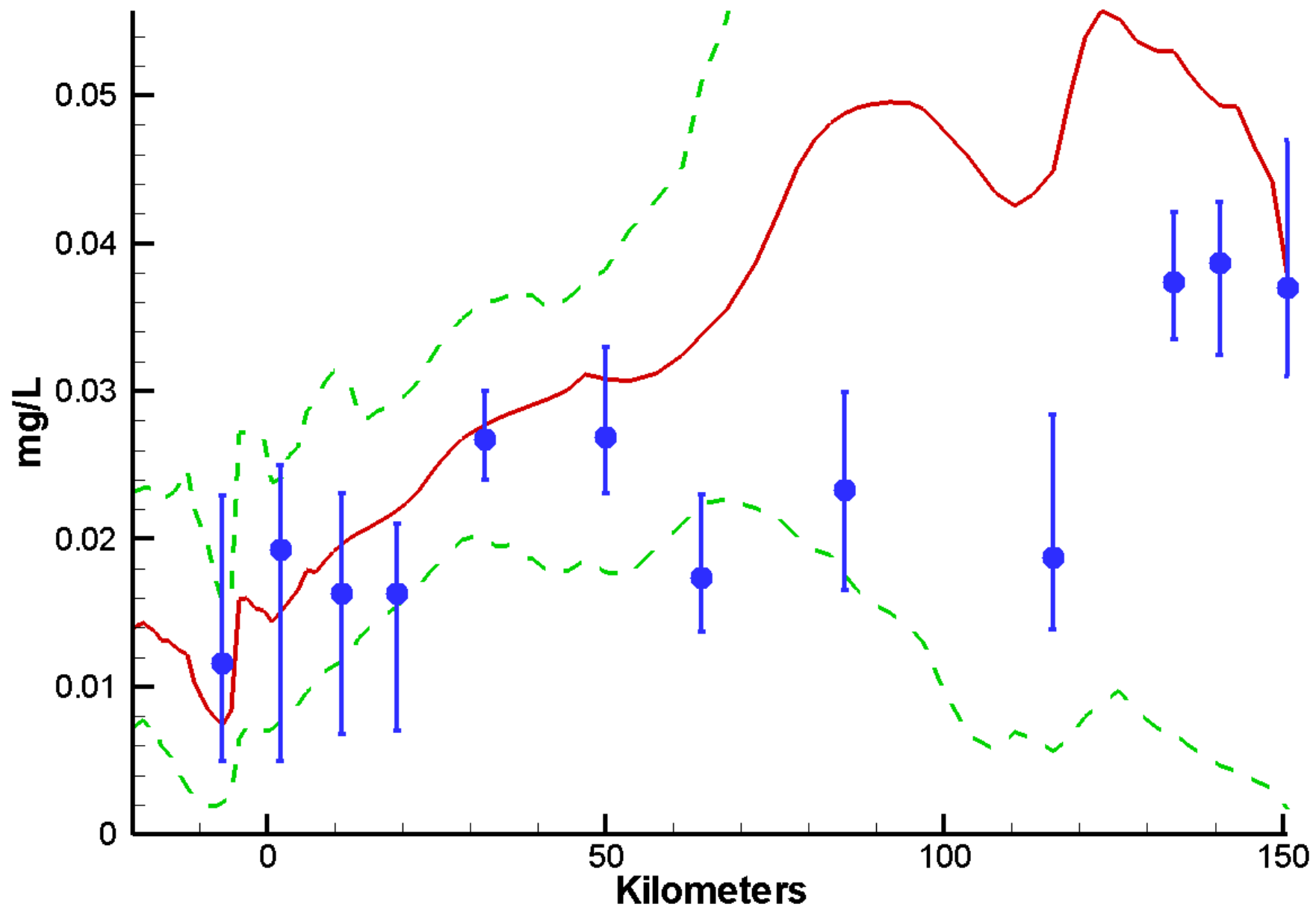
# James River Ches2015 Run118

## Surface Chlorophyll Summer 1996



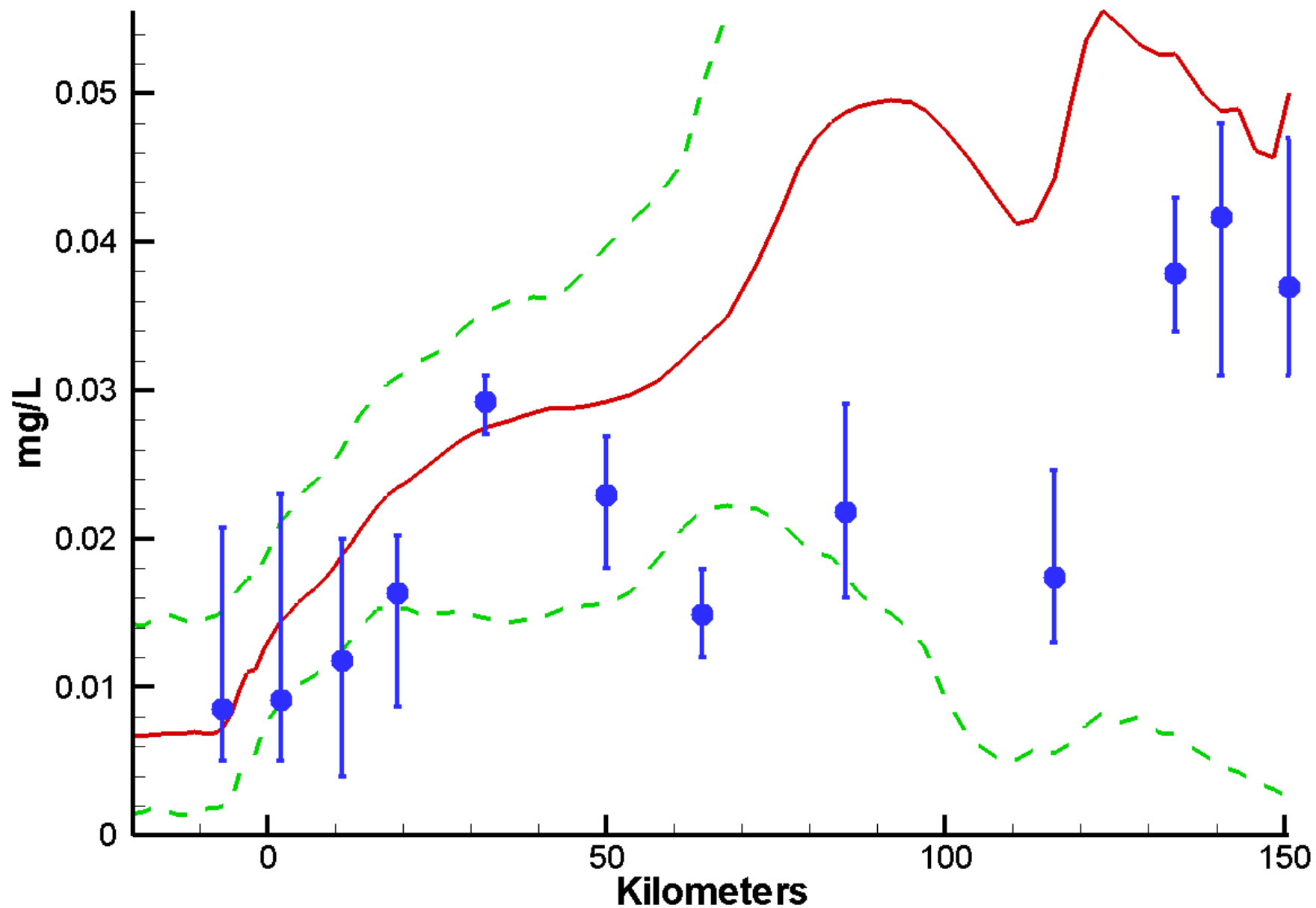
# James River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1996



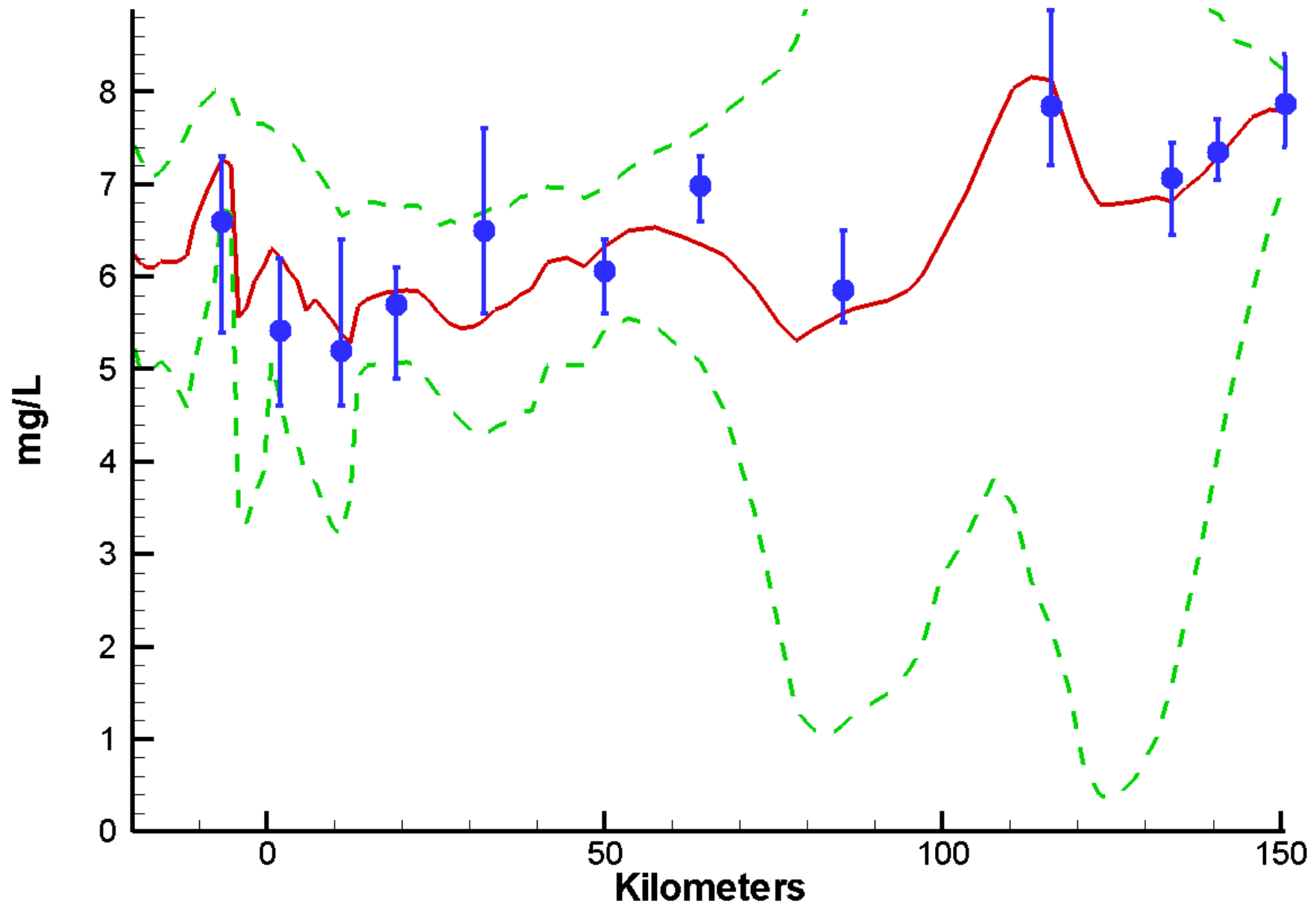
# James River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1996



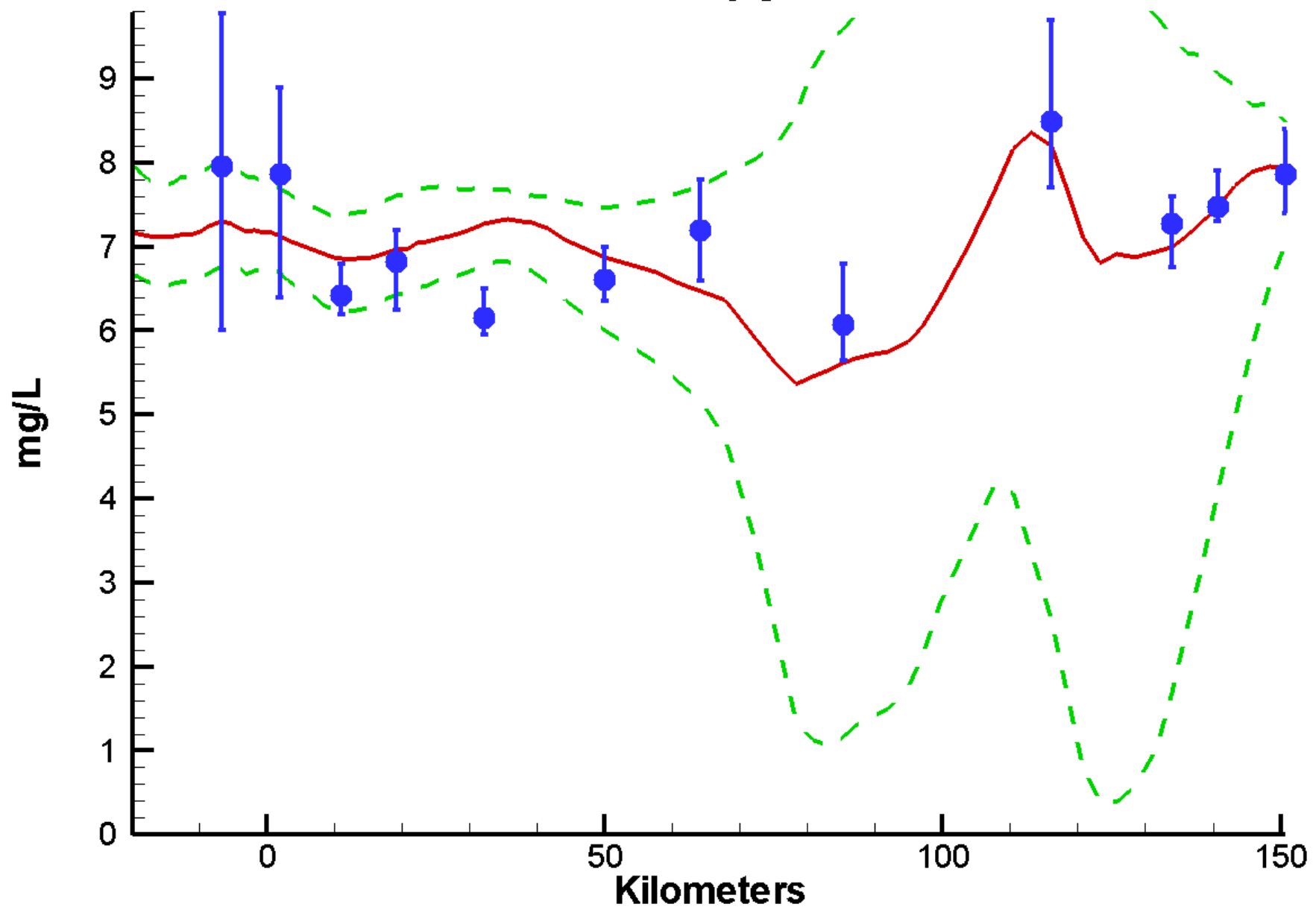
# James River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1996



# James River Ches2015 Run118

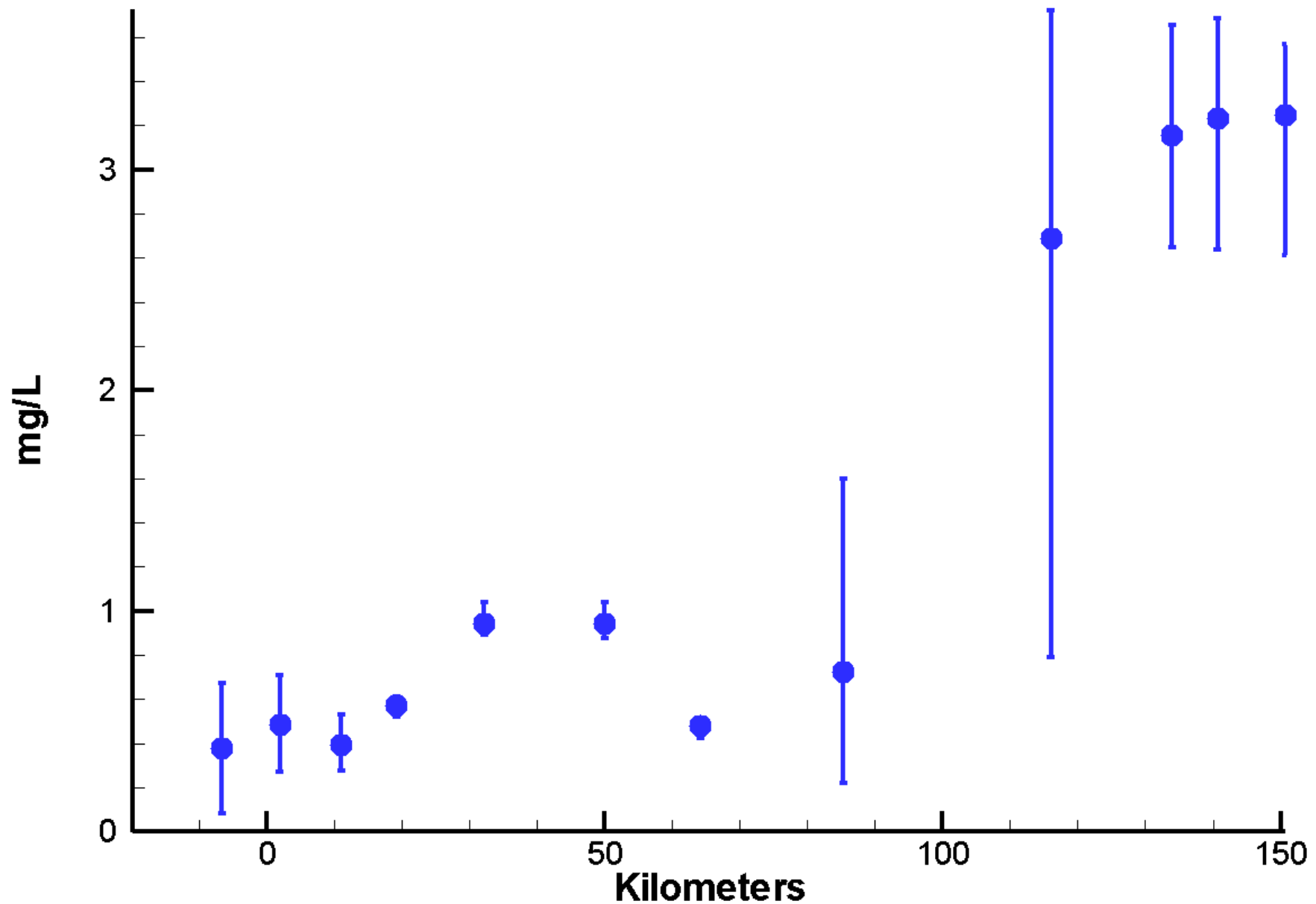
## Surface Dissolved Oxygen Summer 1996





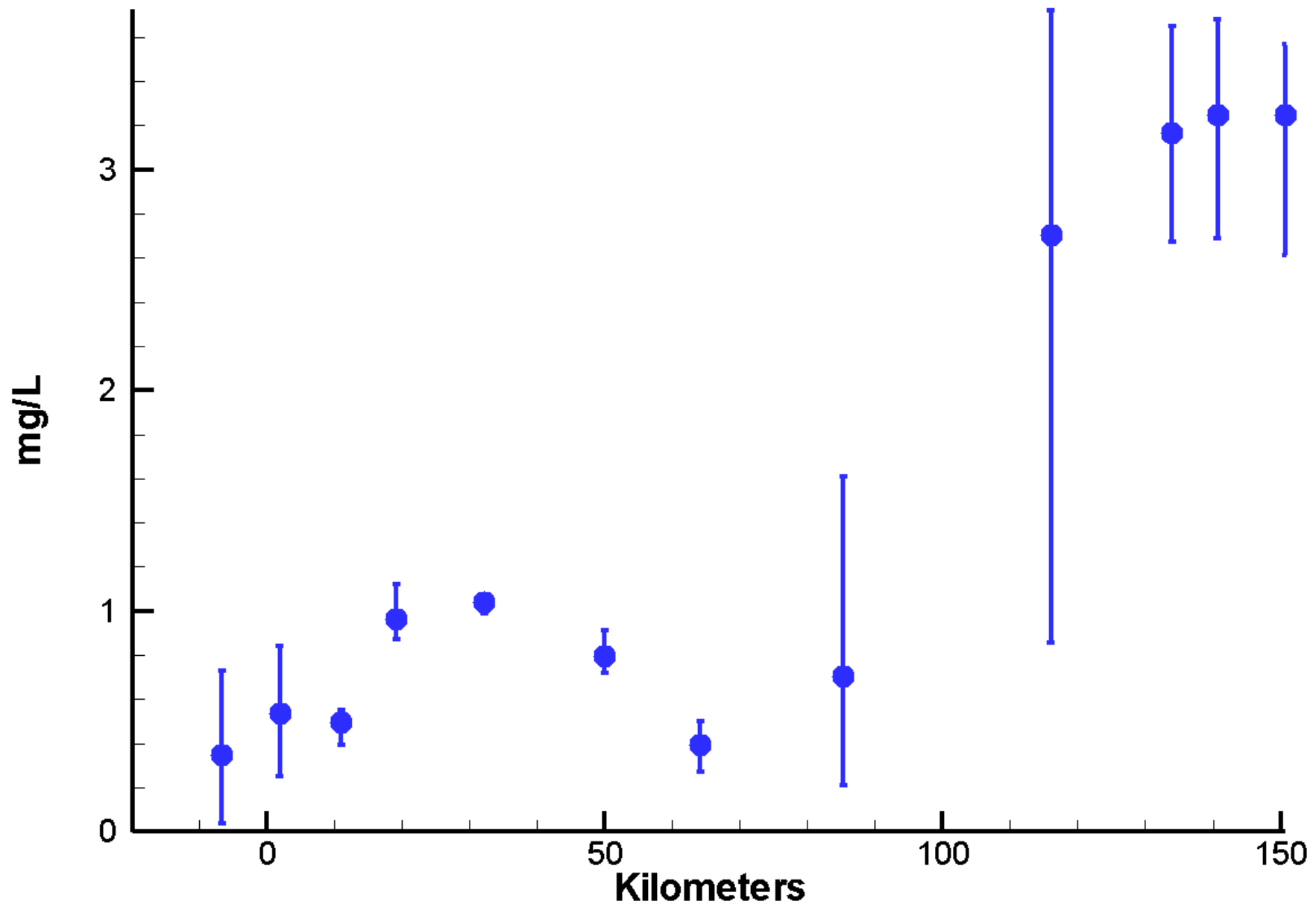
# James River Ches2015 Run118

## Bottom Dissolved Silica Summer 1996



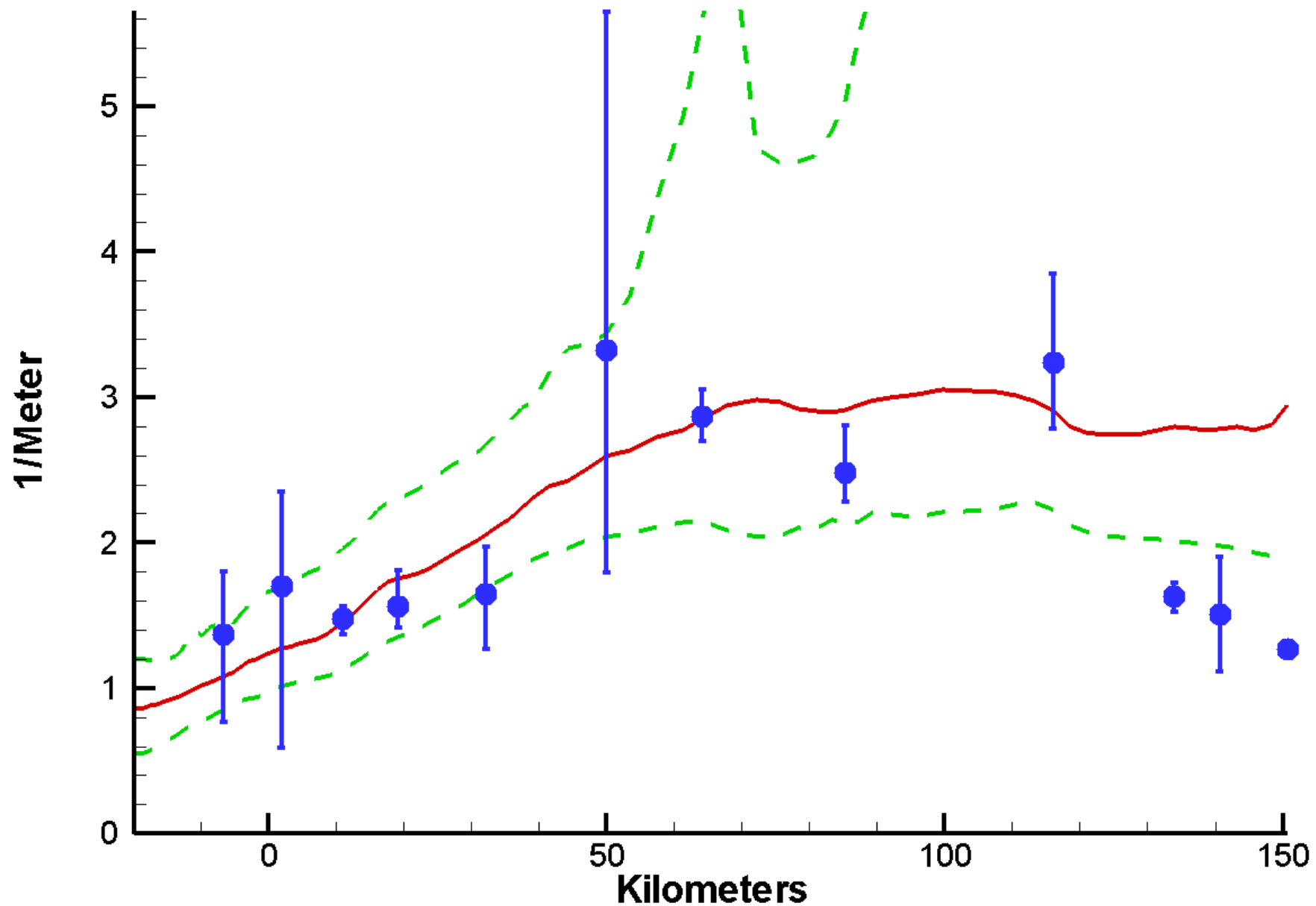
# James River Ches2015 Run118

## Surface Dissolved Silica Summer 1996



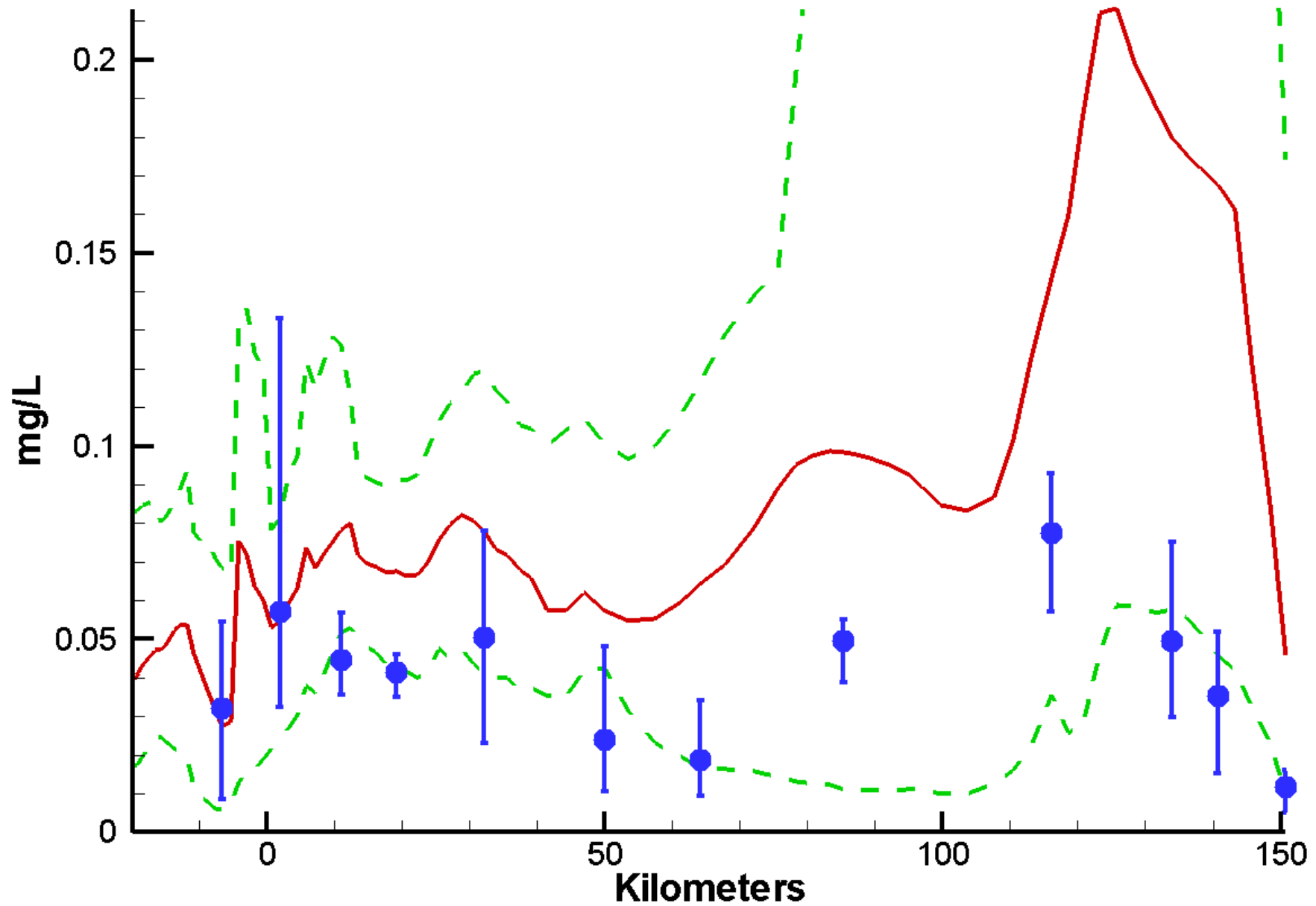
# James River Ches2015 Run118

## Surface Light Extinction Summer 1996



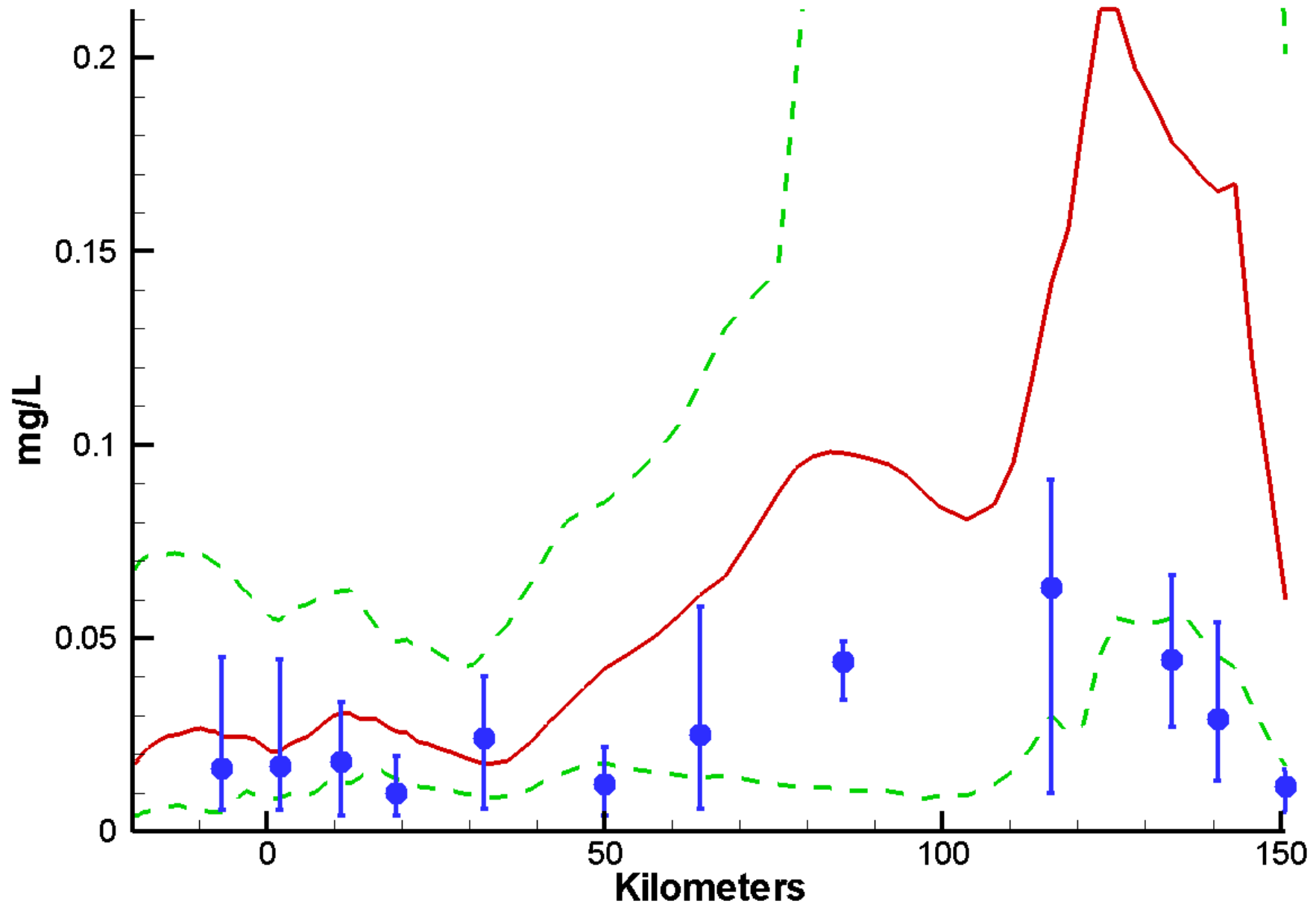
# James River Ches2015 Run118

## Bottom Ammonium Summer 1996



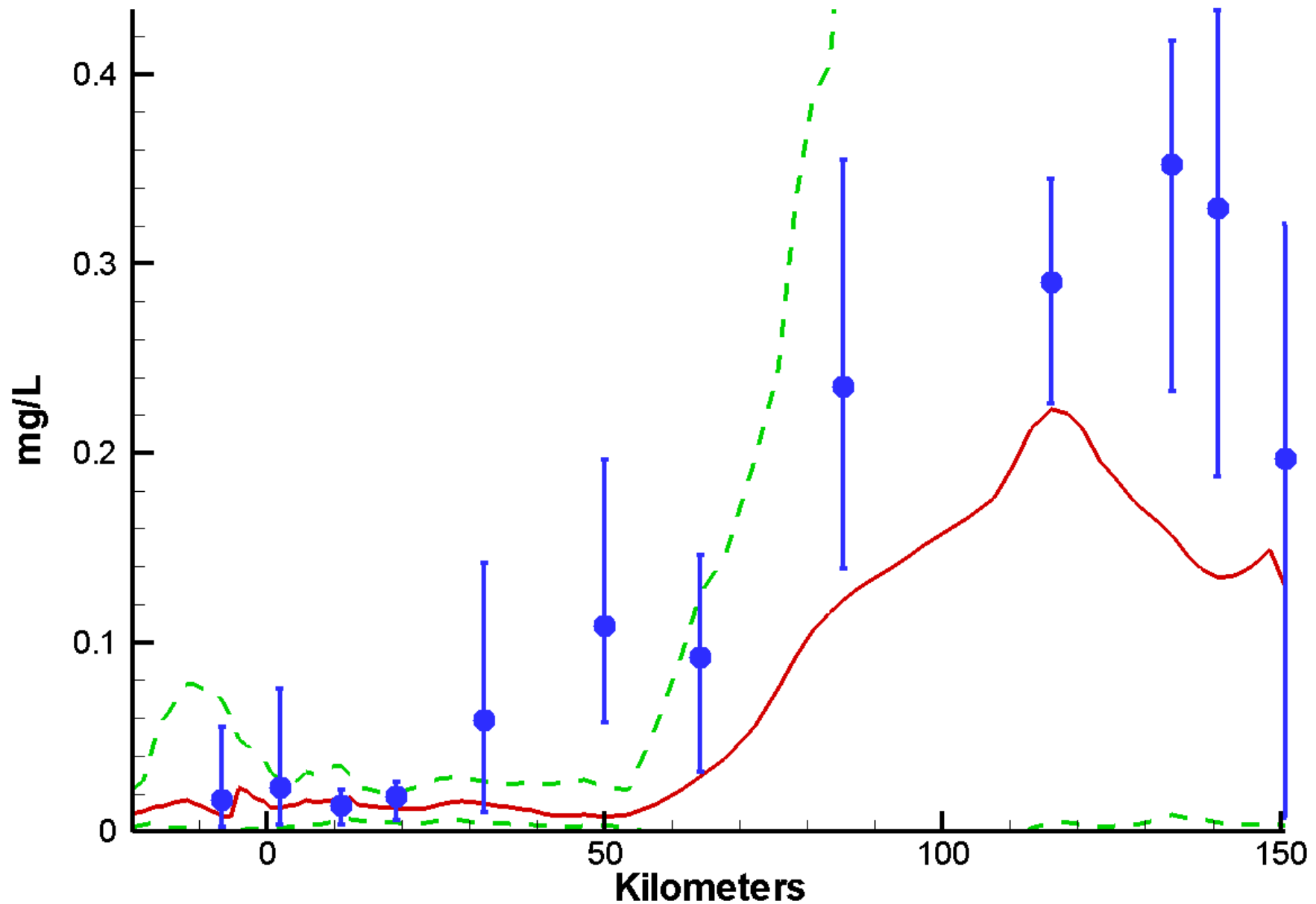
# James River Ches2015 Run118

## Surface Ammonium Summer 1996



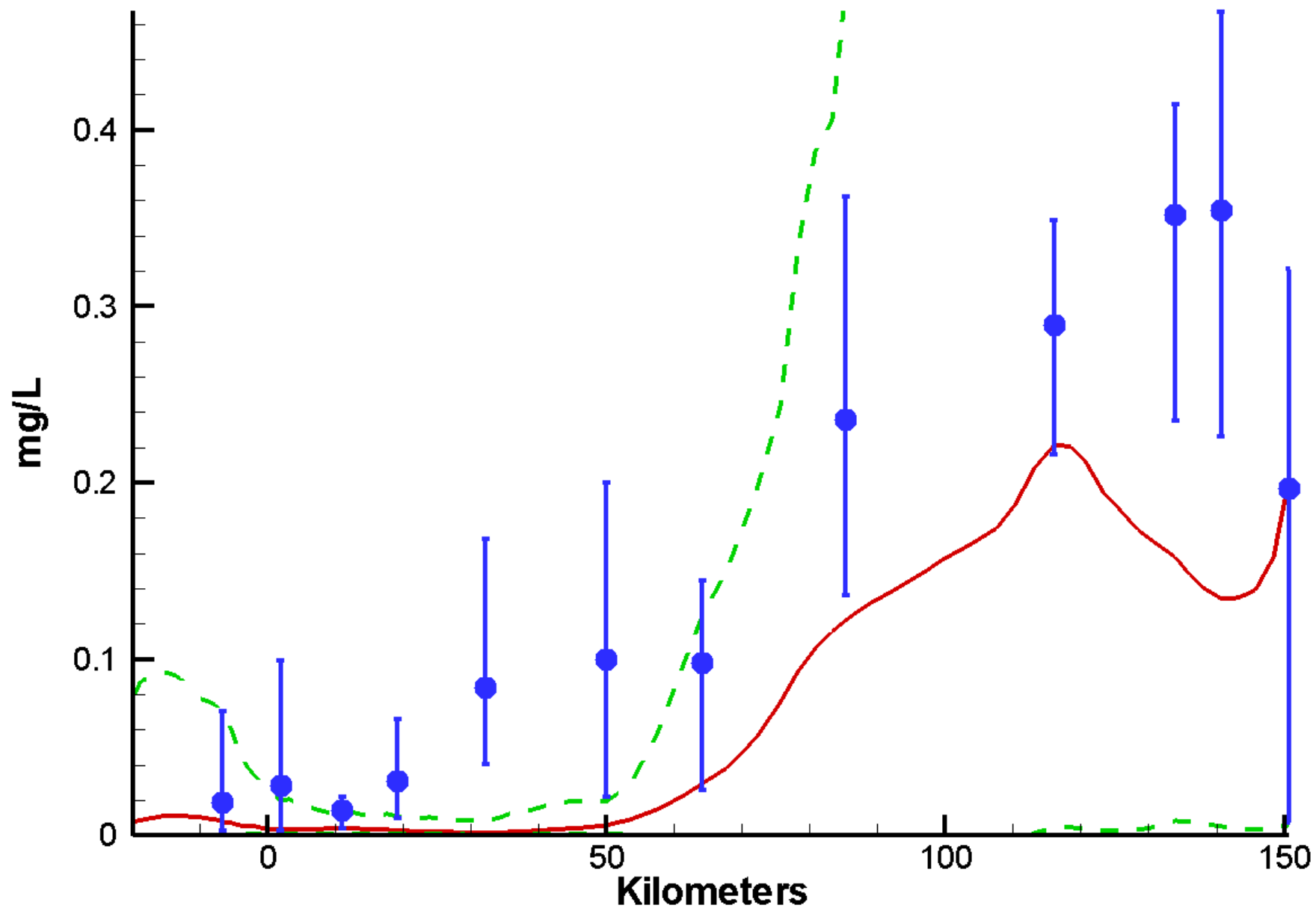
# James River Ches2015 Run118

## Bottom Nitrate Summer 1996



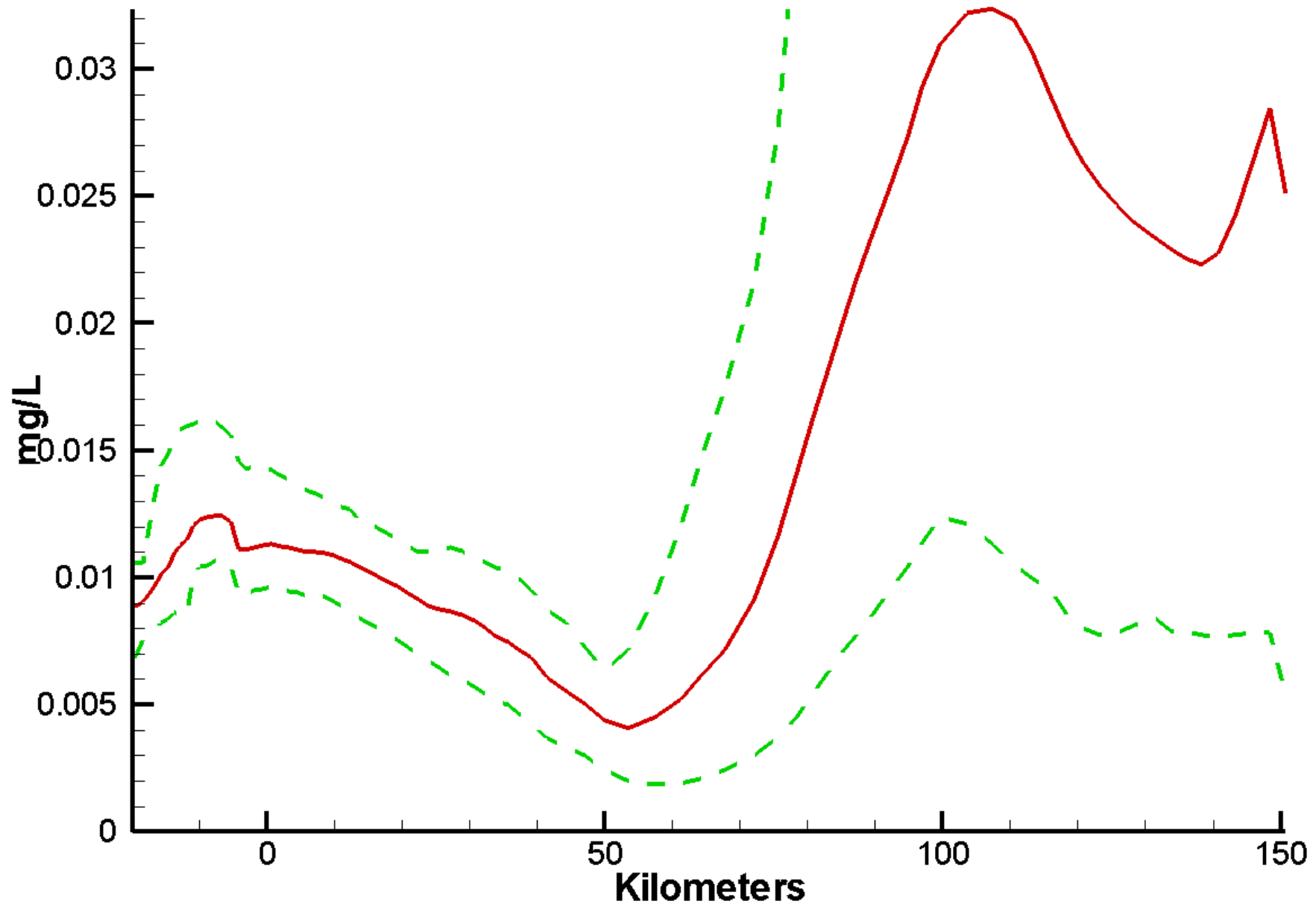
# James River Ches2015 Run118

## Surface Nitrate Summer 1996



# James River Ches2015 Run118

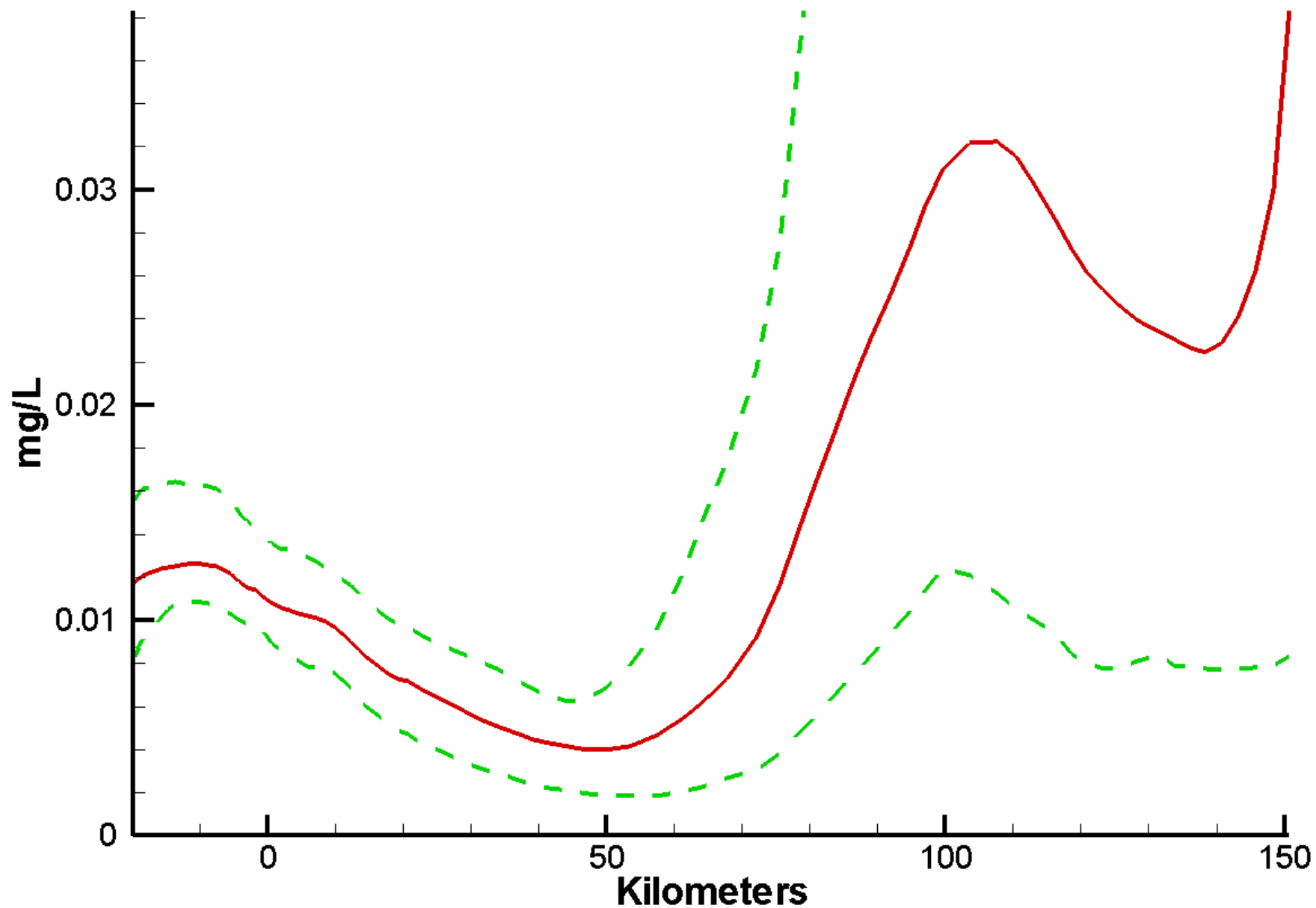
## Bottom Particulate Inorganic Phosphorus Summer 199





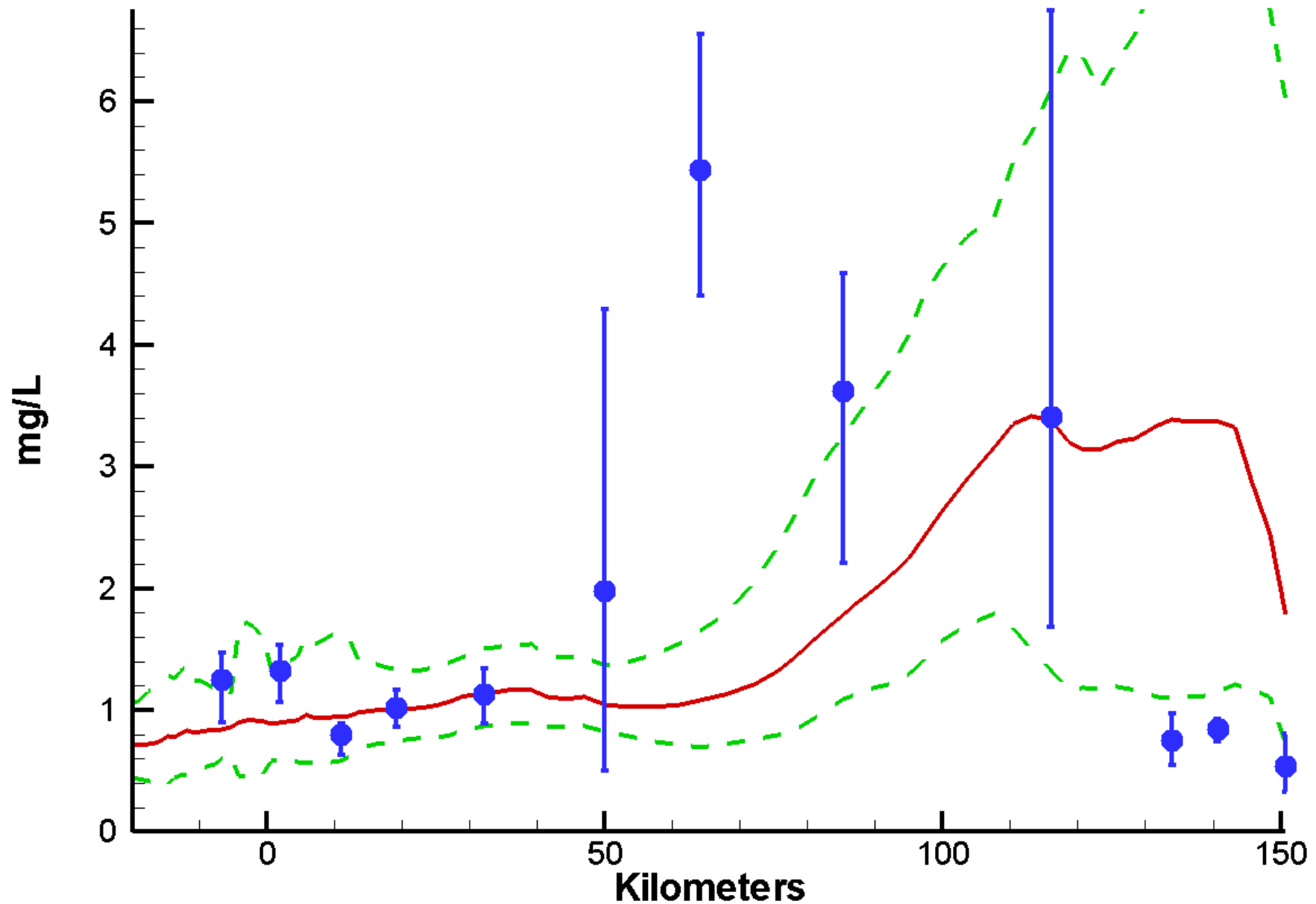
# James River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



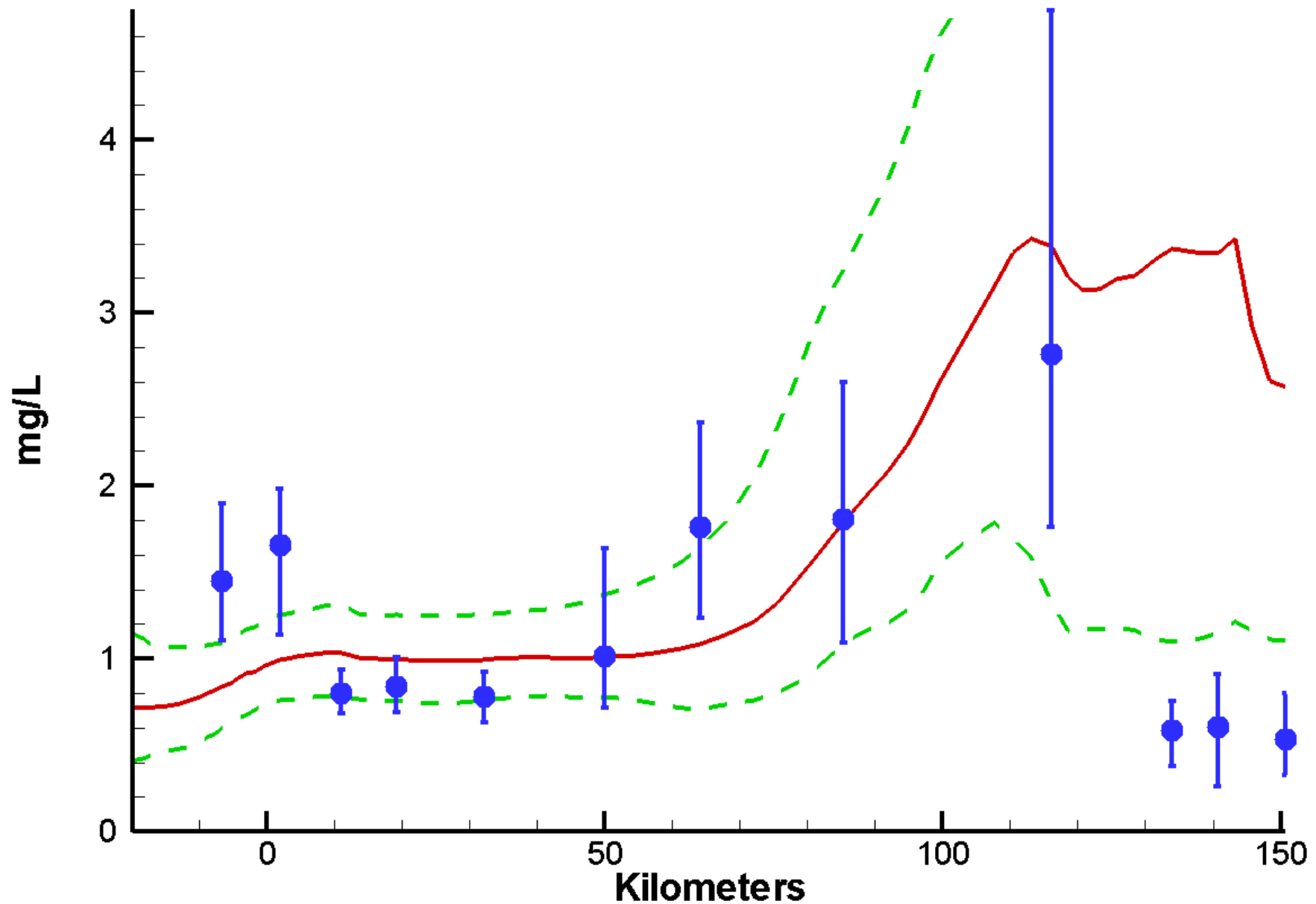
# James River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1996



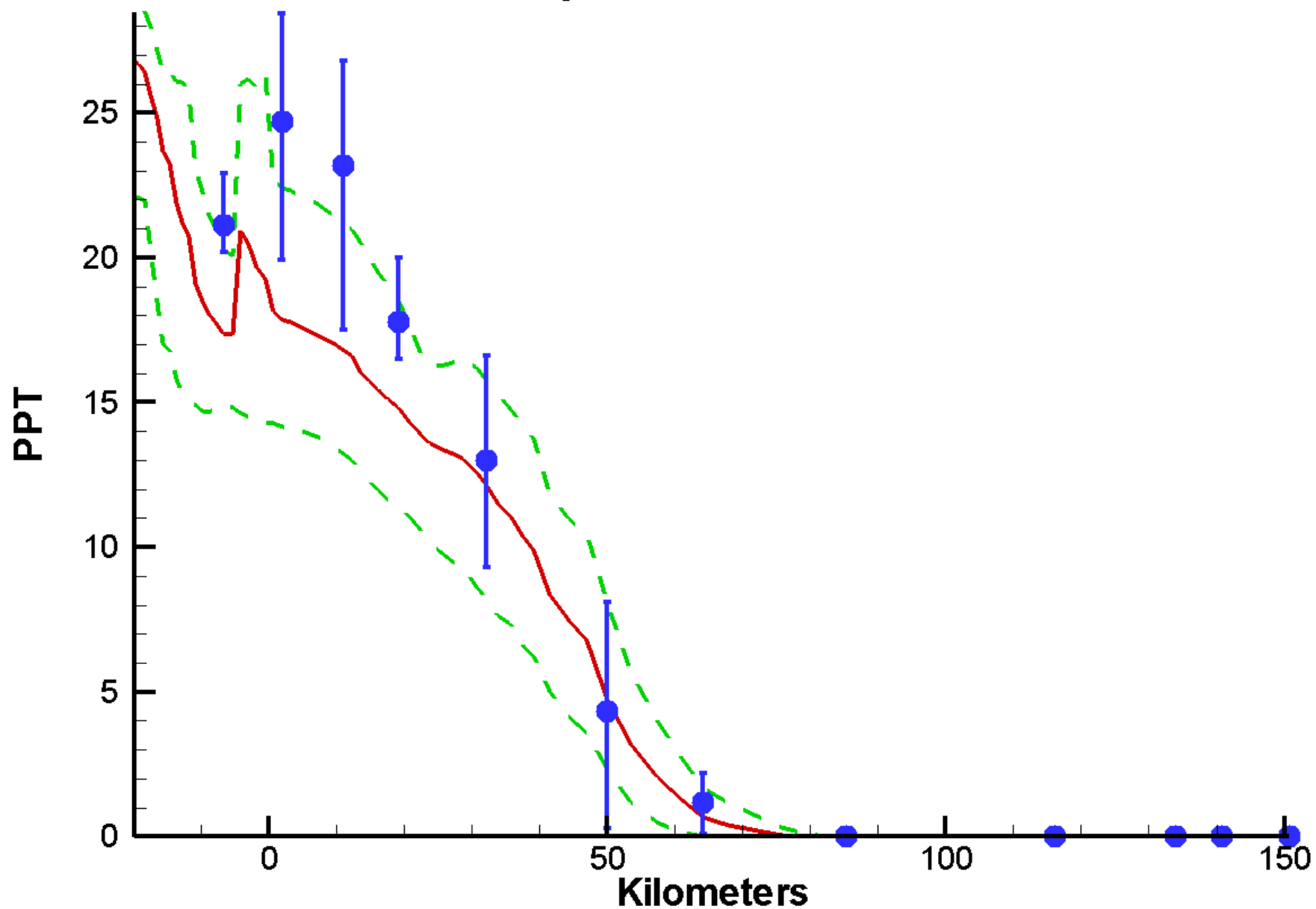
# James River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1996



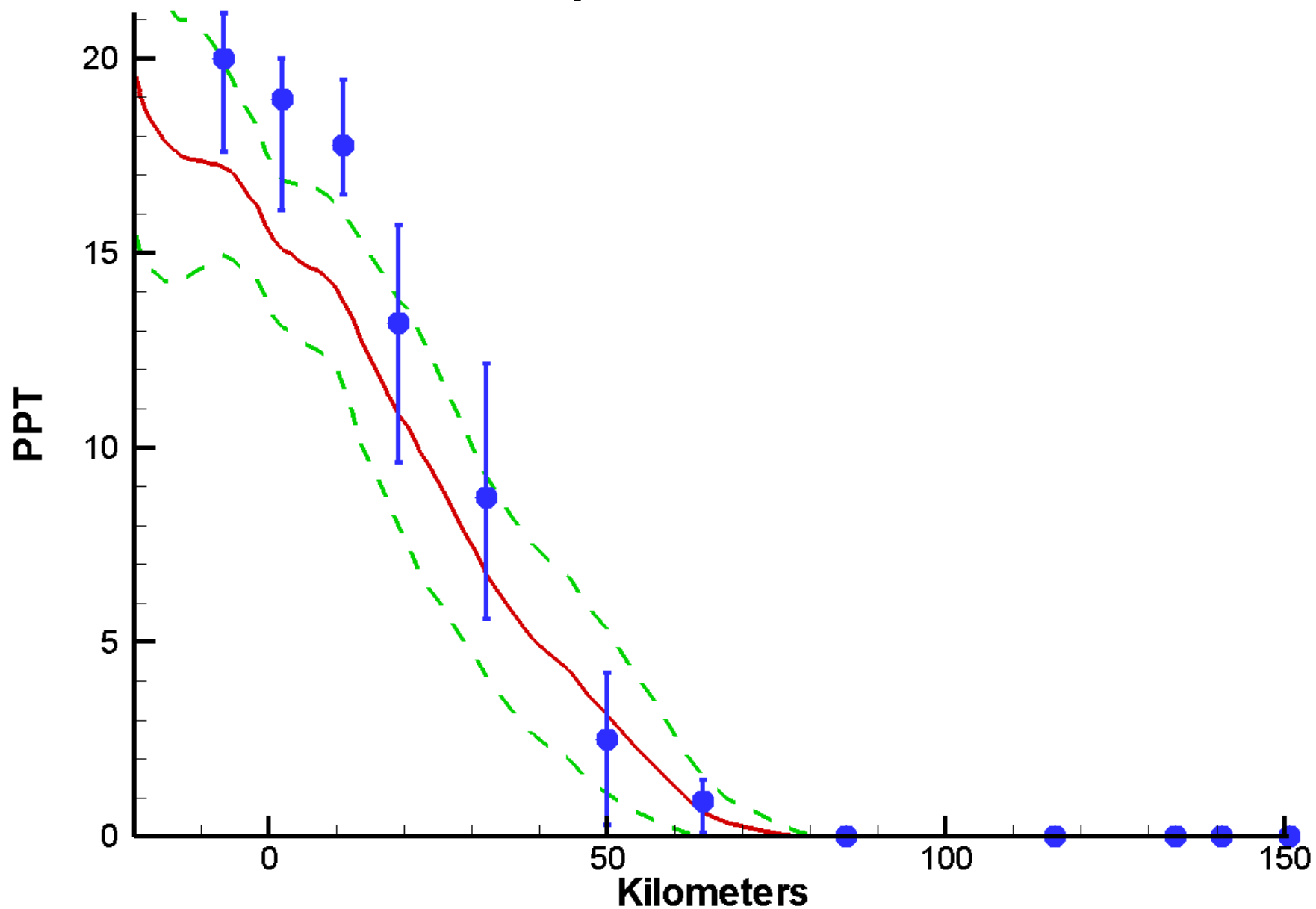
# James River Ches2015 Run118

## Bottom Salinity Summer 1996



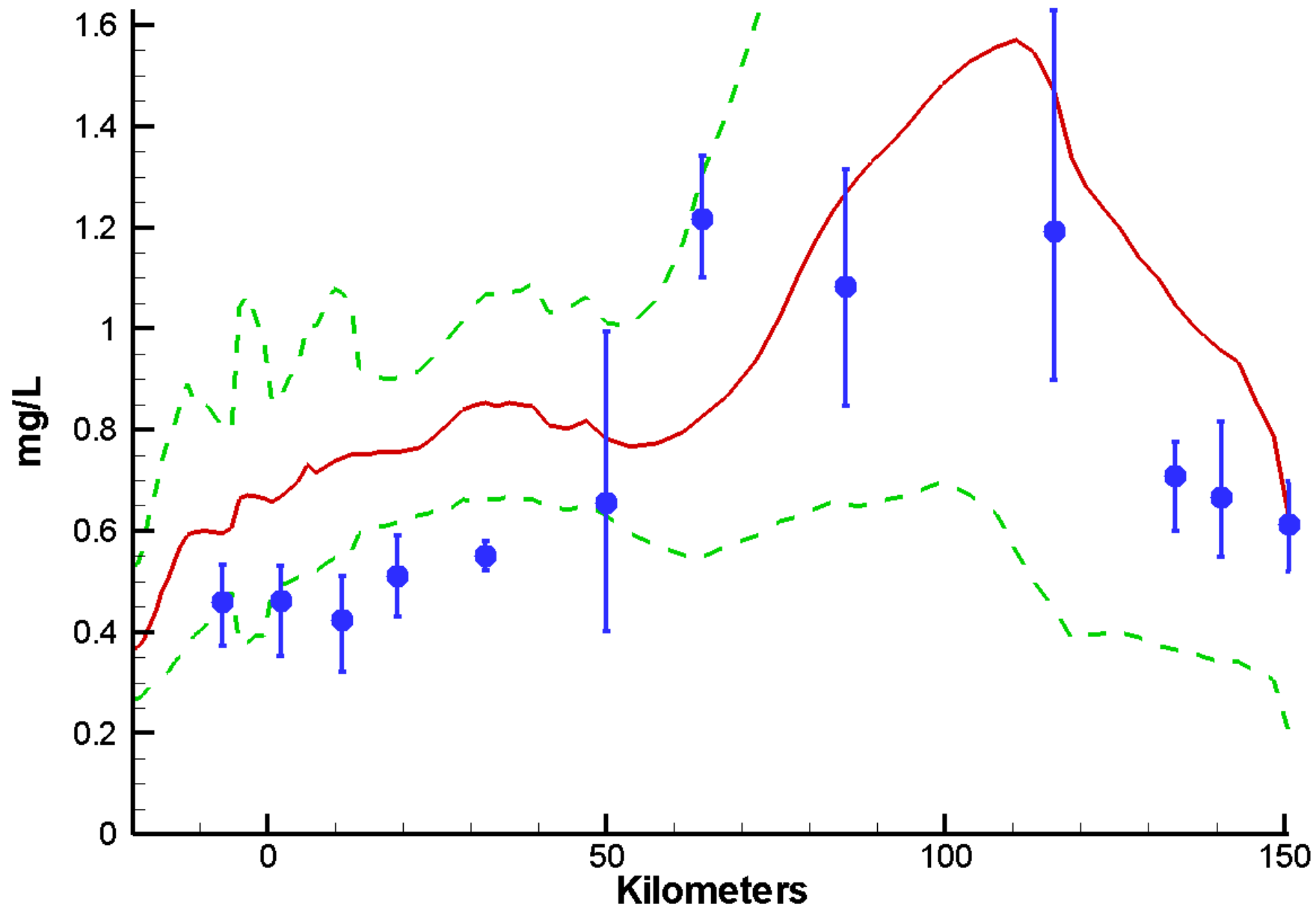
# James River Ches2015 Run118

## Surface Salinity Summer 1996



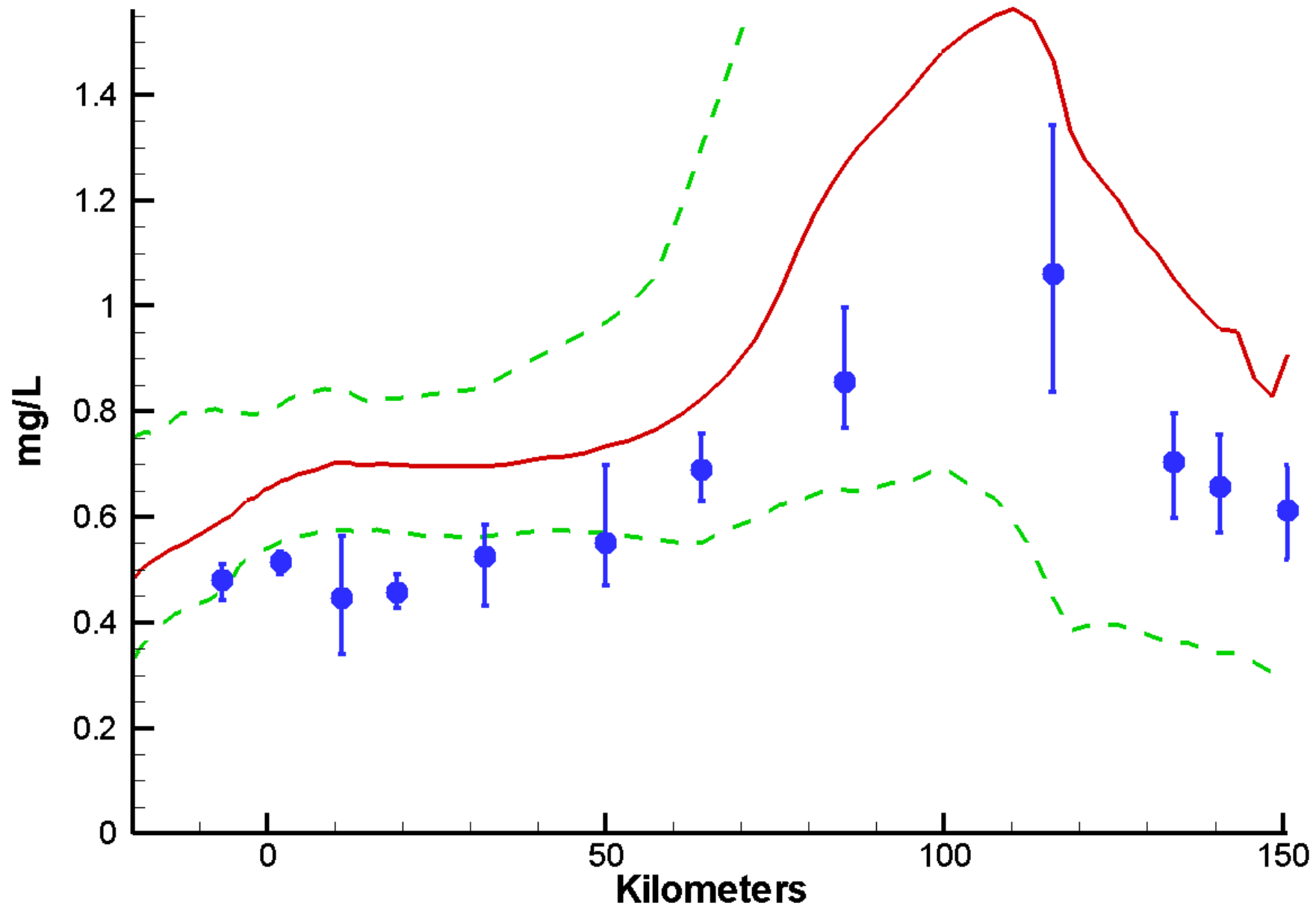
# James River Ches2015 Run118

## Bottom Total Nitrogen Summer 1996



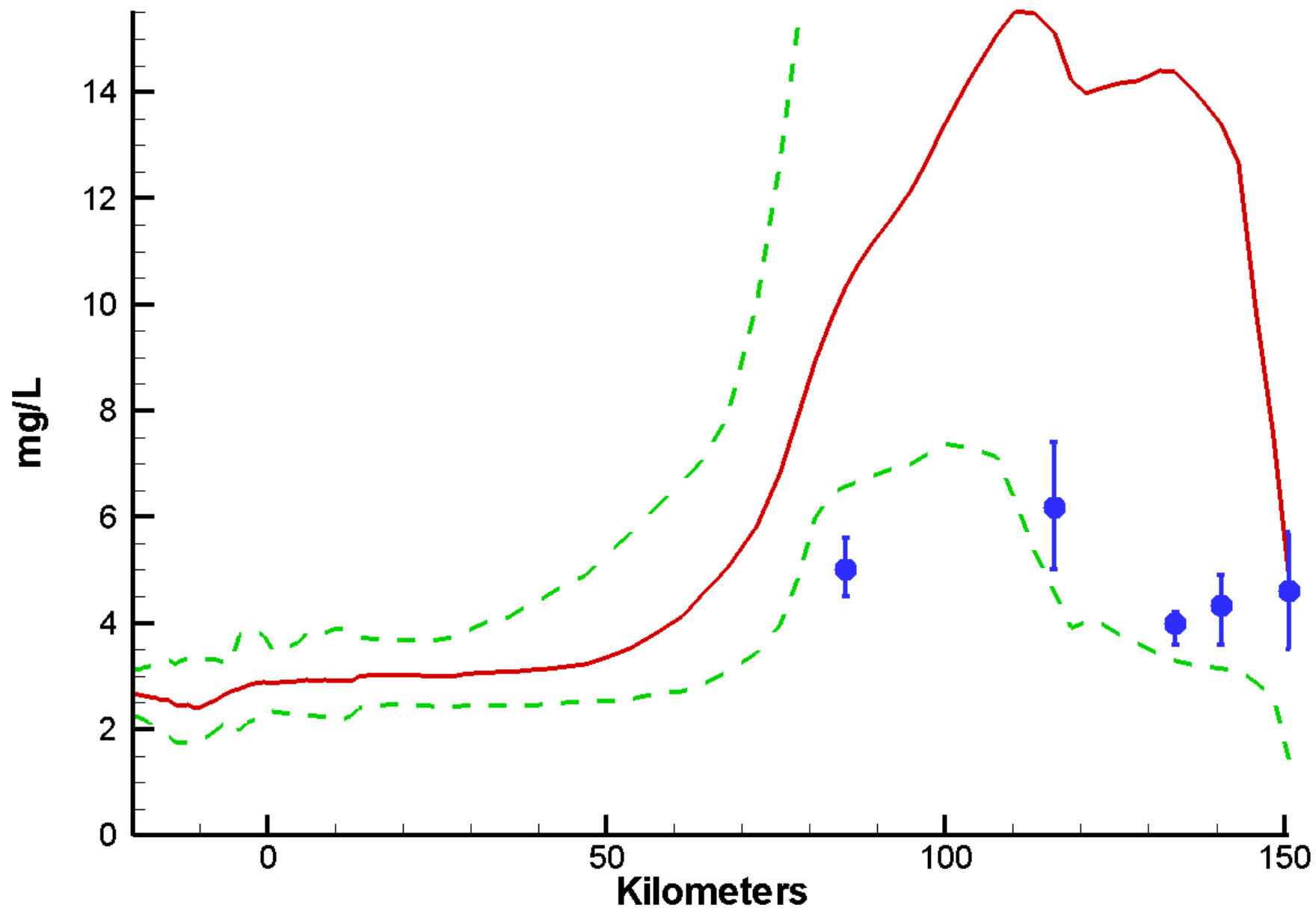
# James River Ches2015 Run118

## Surface Total Nitrogen Summer 1996



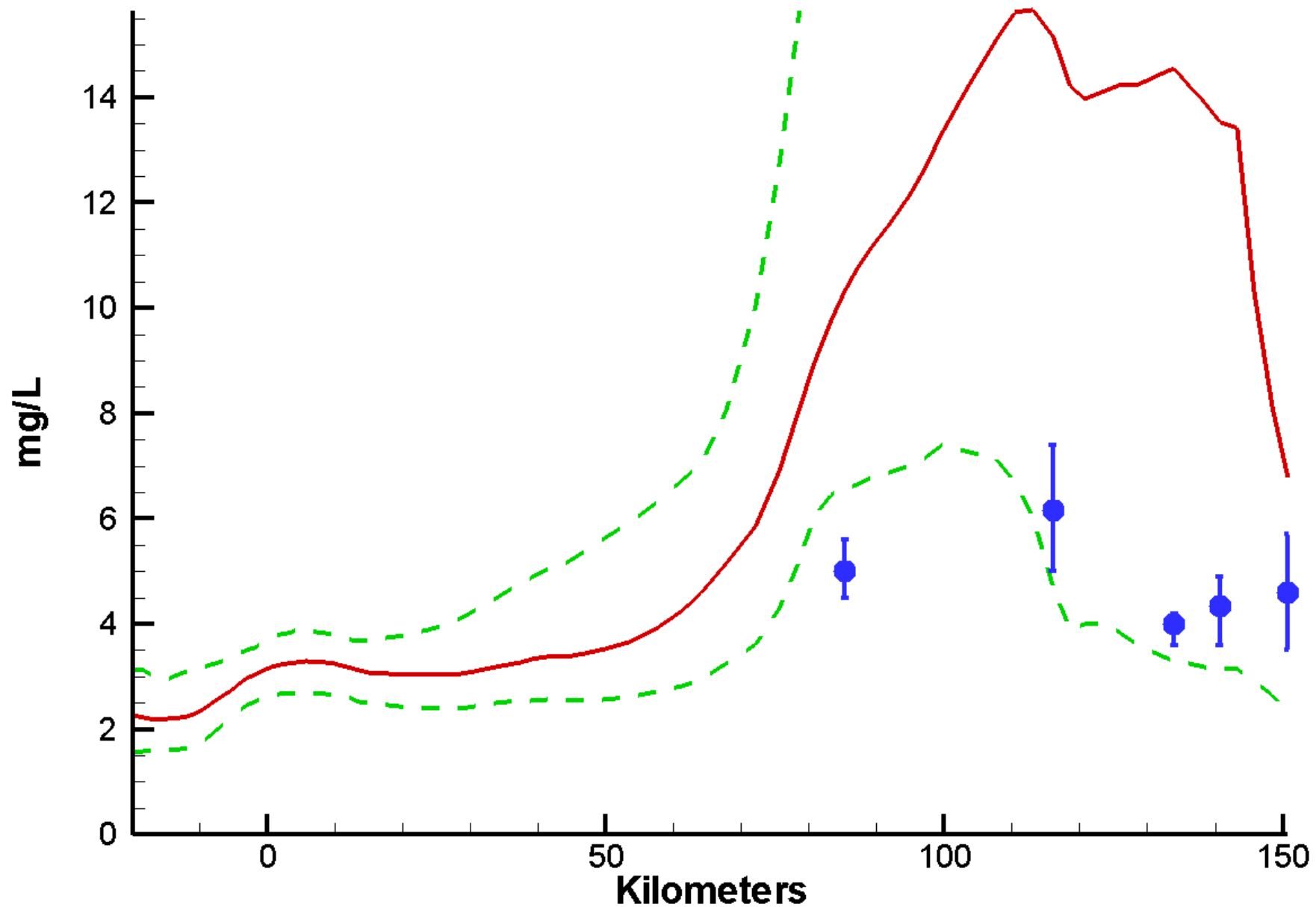
# James River Ches2015 Run118

## Bottom Total Organic Carbon Summer 1996



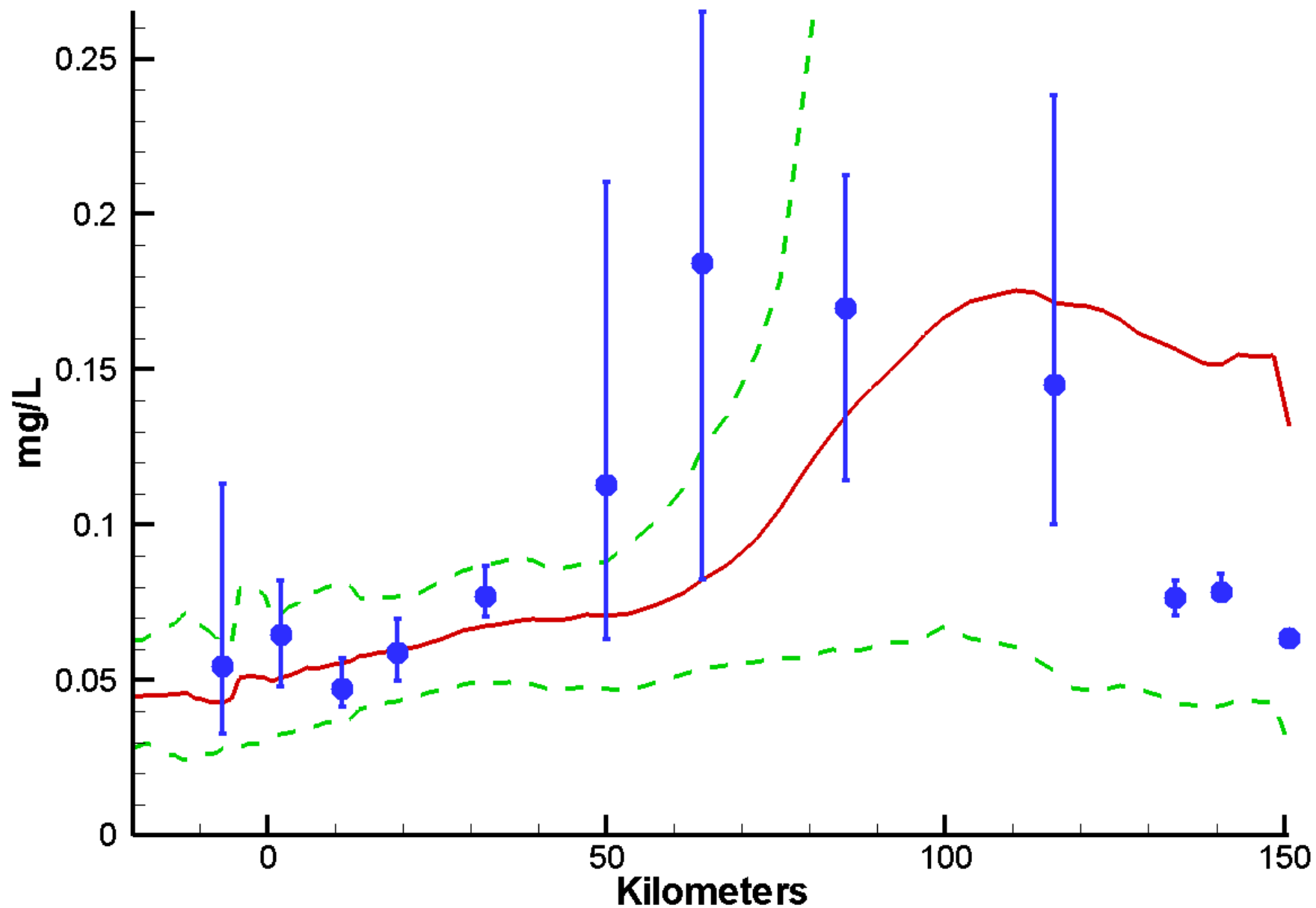


**James River Ches2015 Run118**  
**Surface Total Organic Carbon Summer 1996**



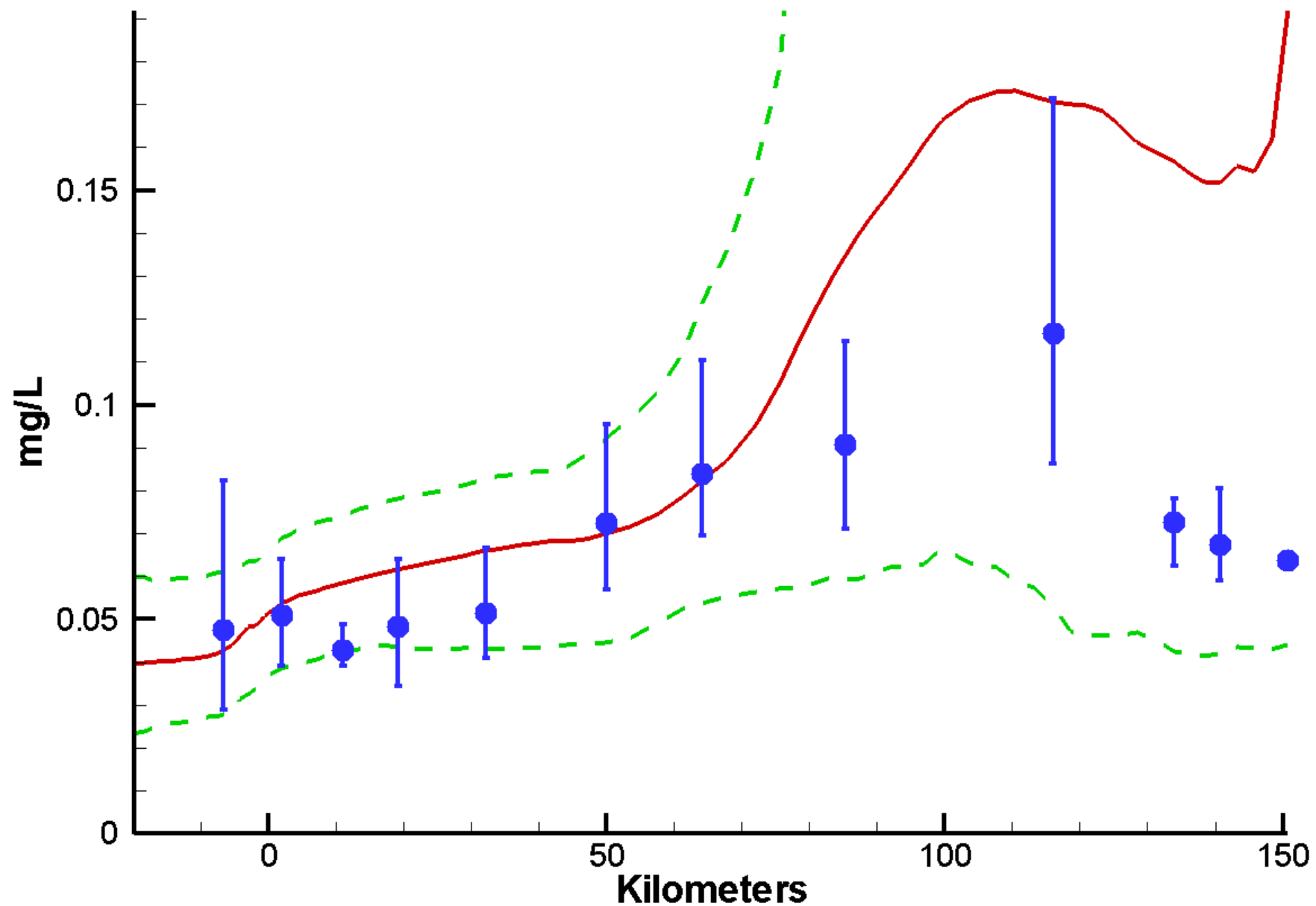
# James River Ches2015 Run118

## Bottom Total Phosphorus Summer 1996



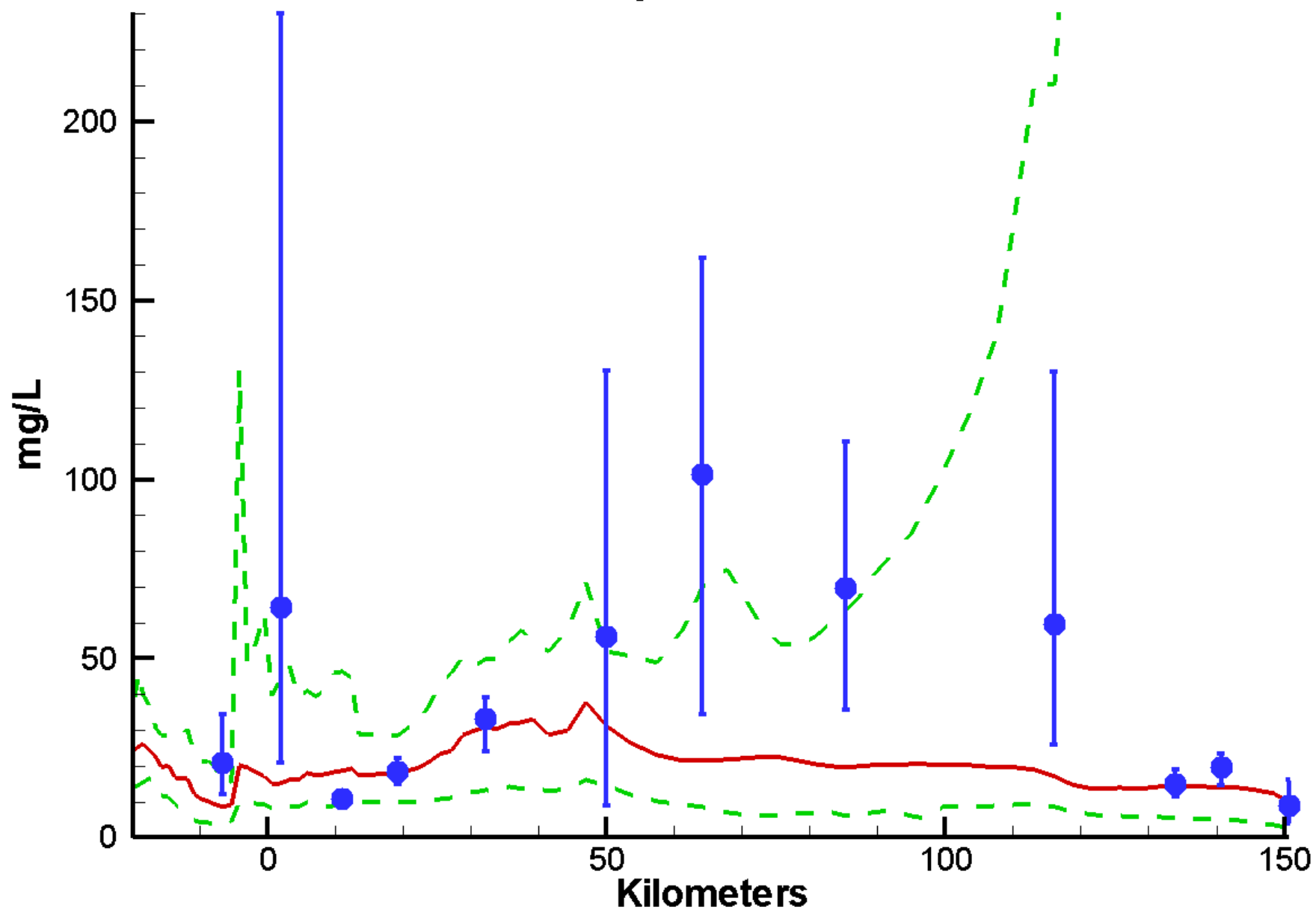
# James River Ches2015 Run118

## Surface Total Phosphorus Summer 1996



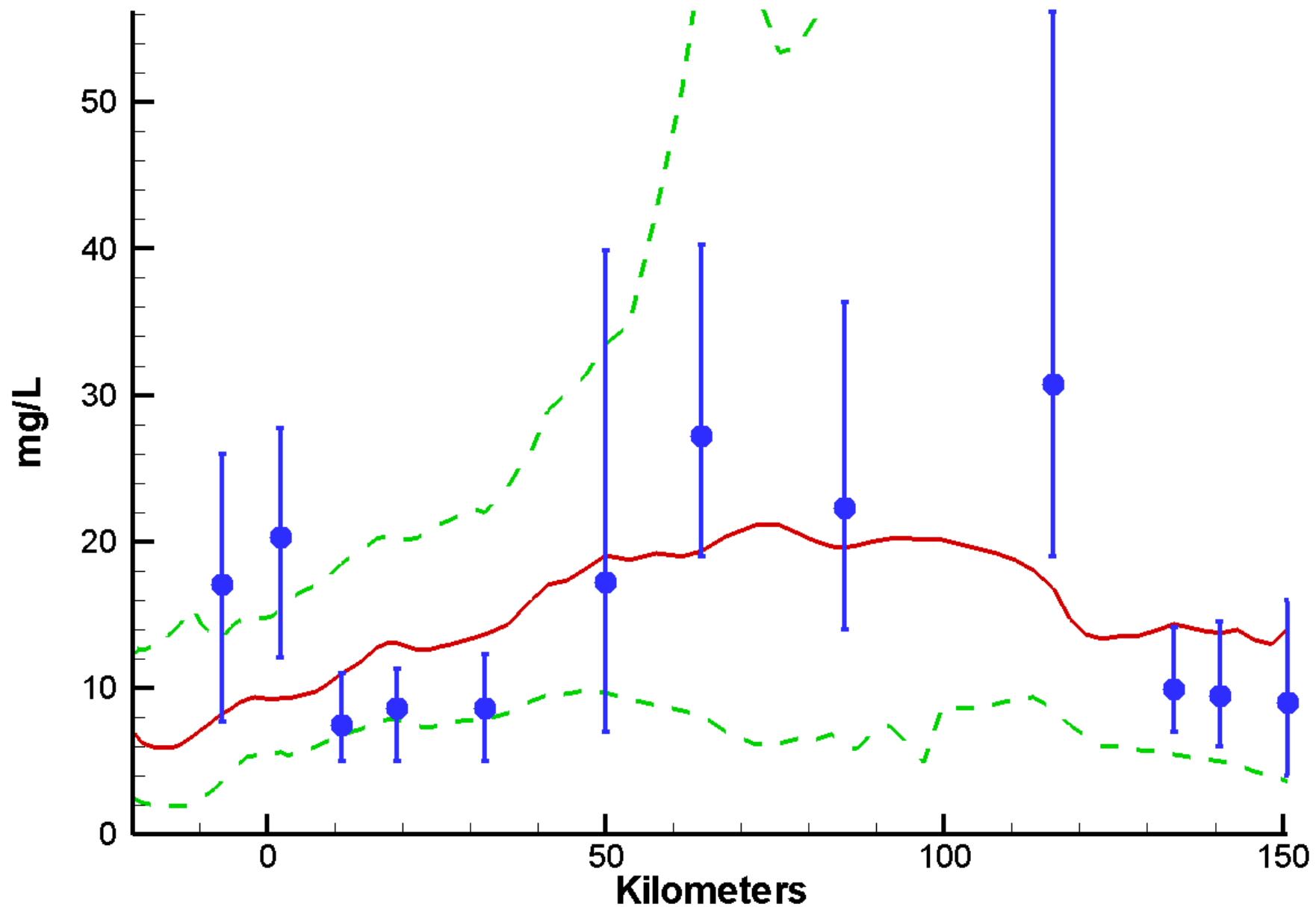
# James River Ches2015 Run118

## Bottom Total Suspended Solids Summer 1996



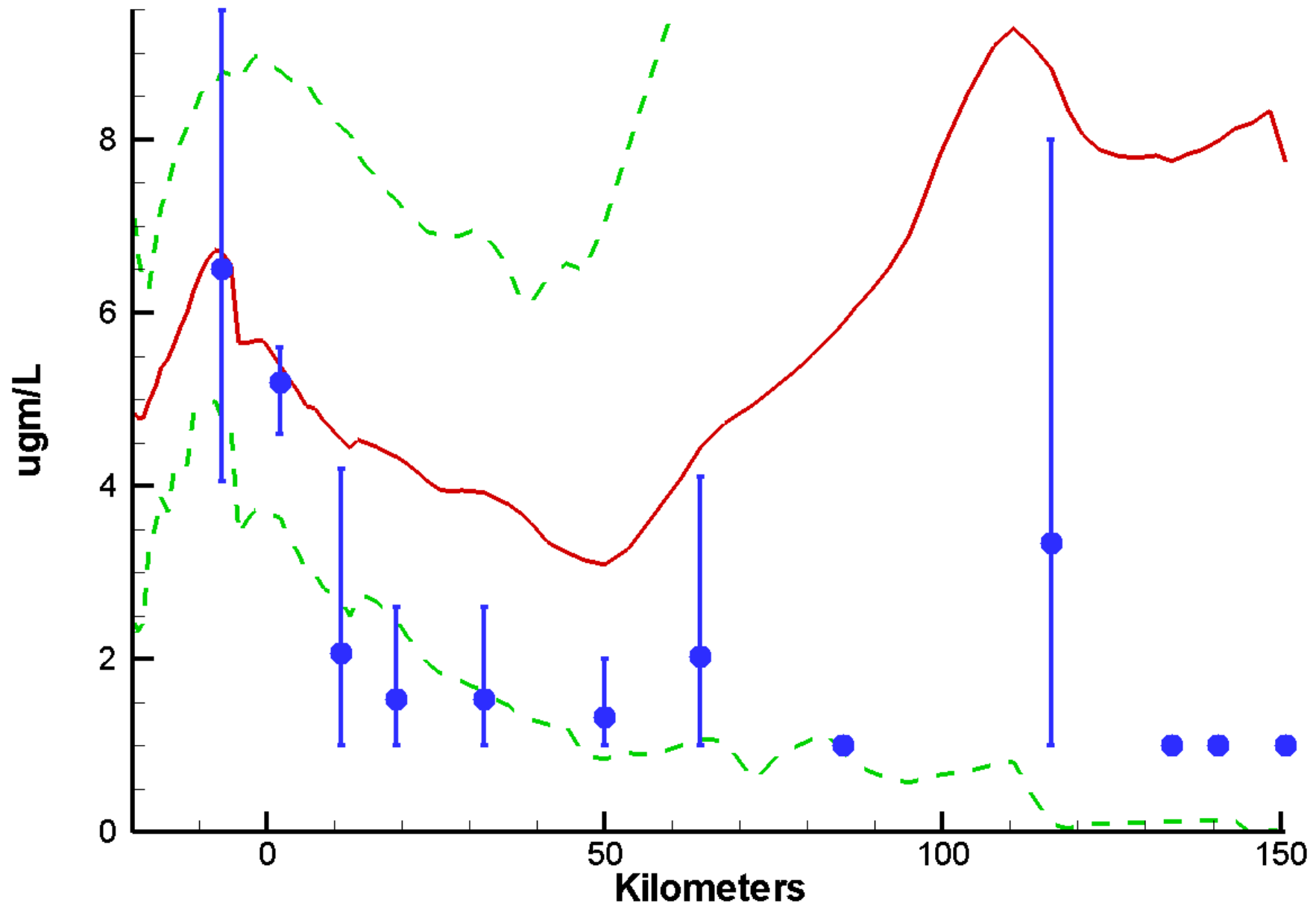
# James River Ches2015 Run118

## Surface Total Suspended Solids Summer 1996



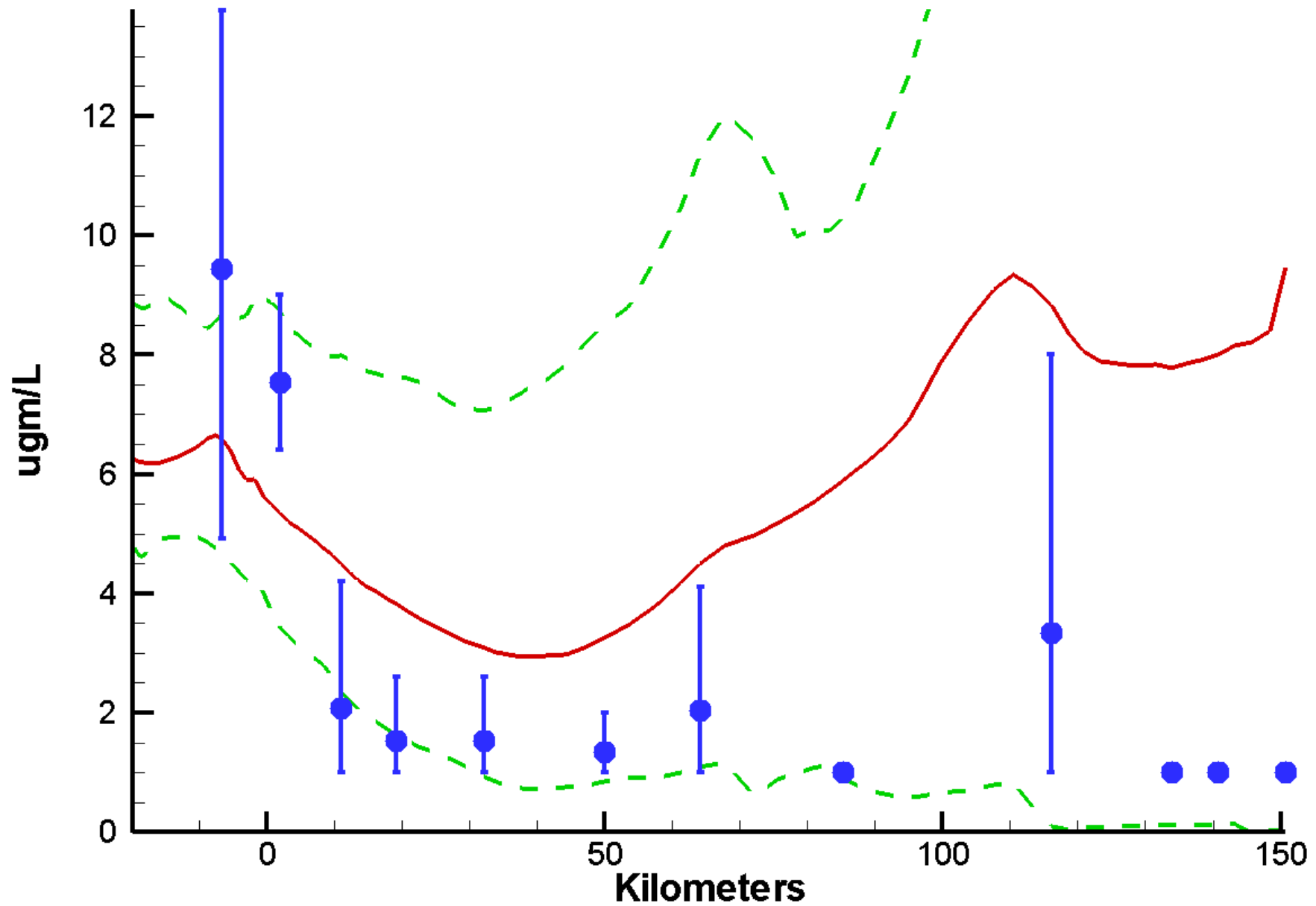
# James River Ches2015 Run118

## Bottom Chlorophyll Fall 1996



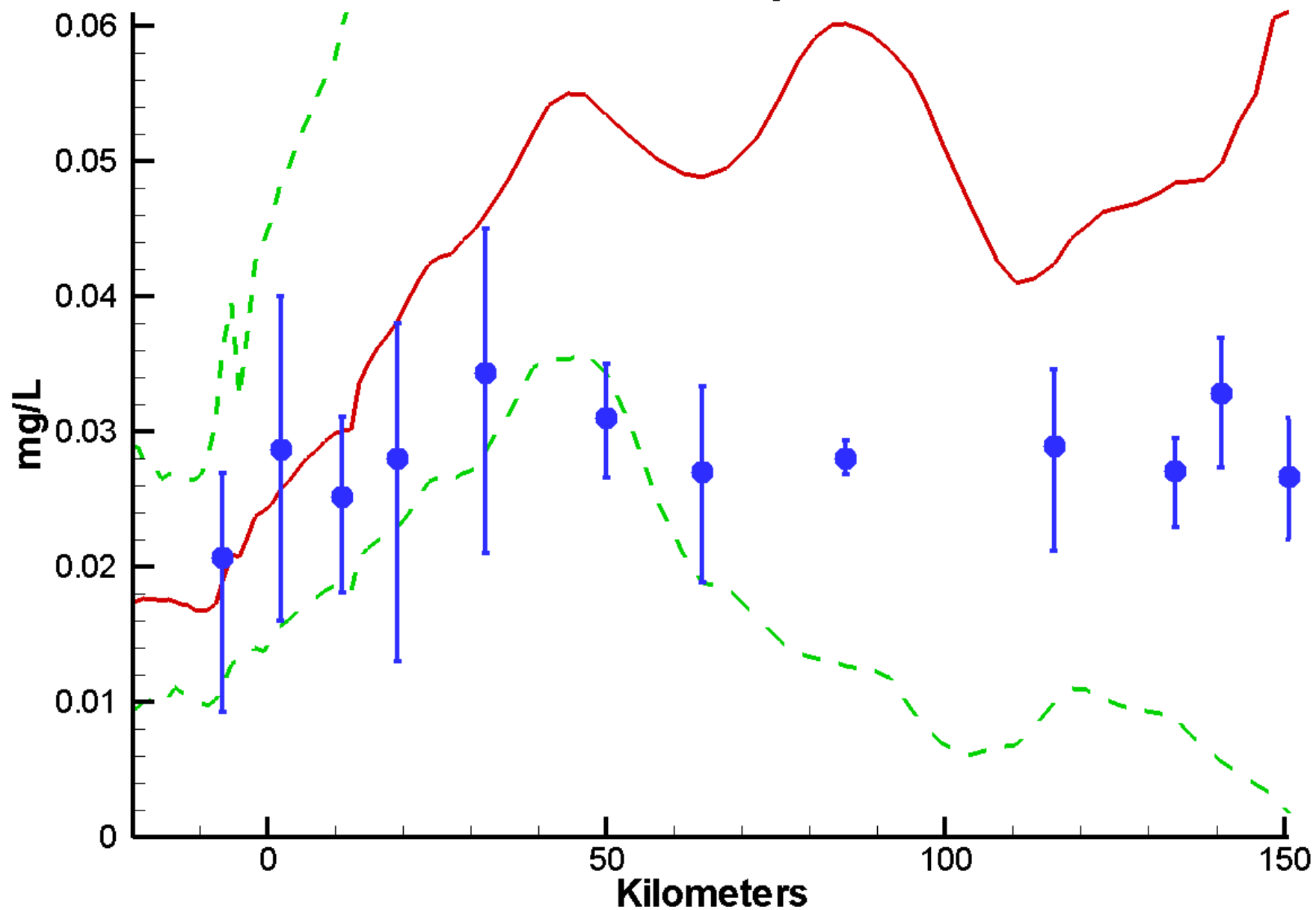
# James River Ches2015 Run118

## Surface Chlorophyll Fall 1996



# James River Ches2015 Run118

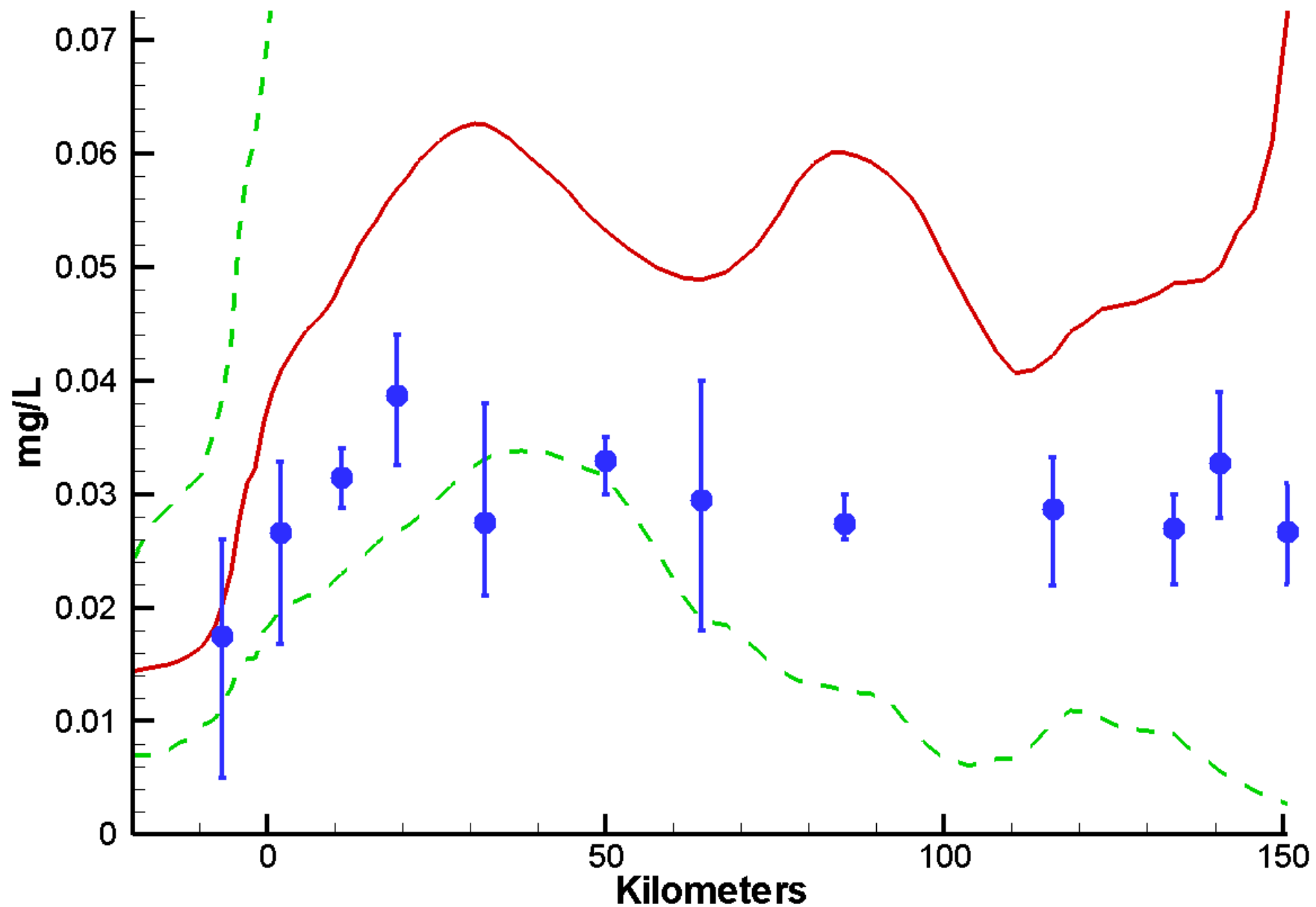
## Bottom Dissolved Phosphate Fall 1996





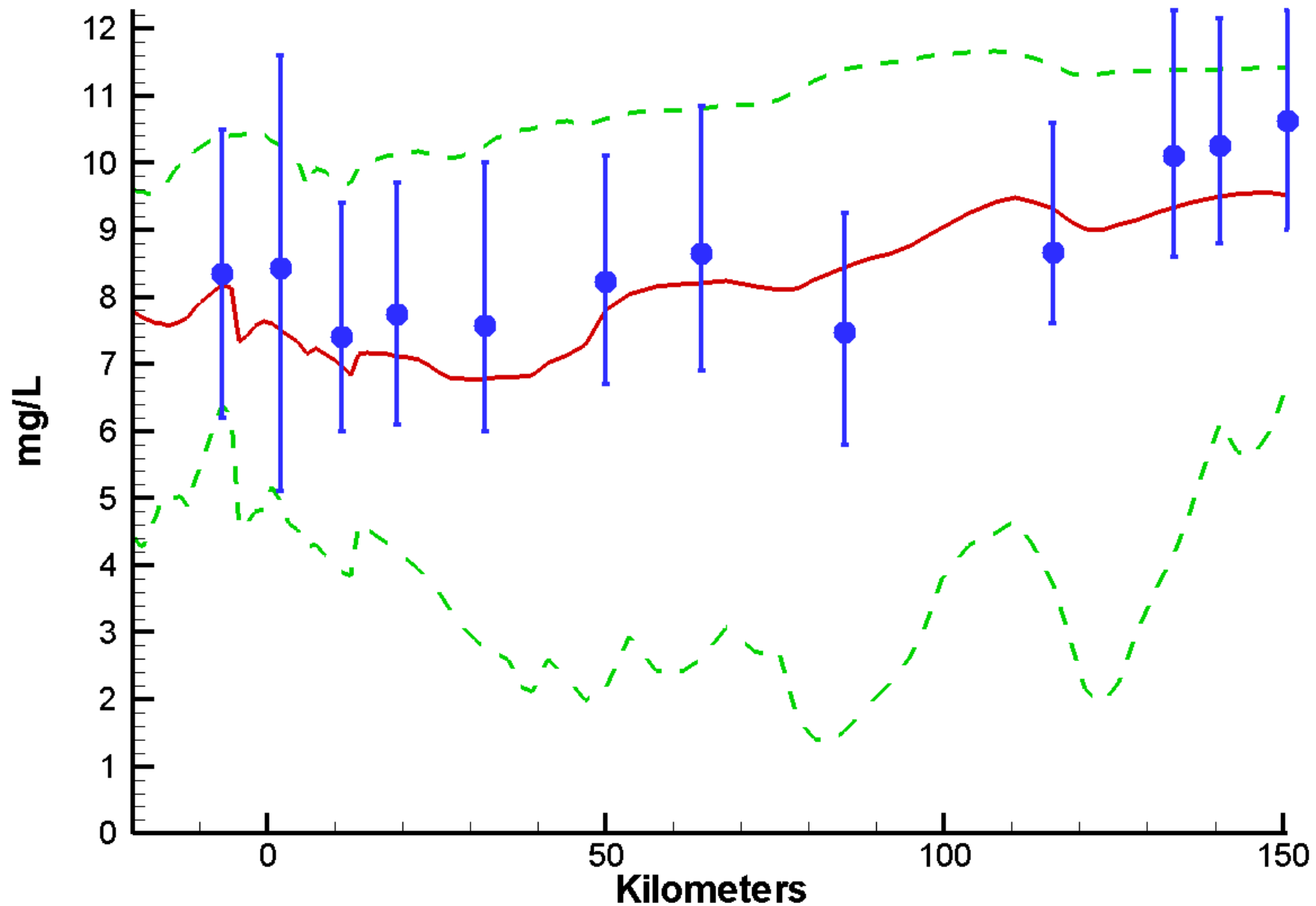
# James River Ches2015 Run118

## Surface Dissolved Phosphate Fall 1996



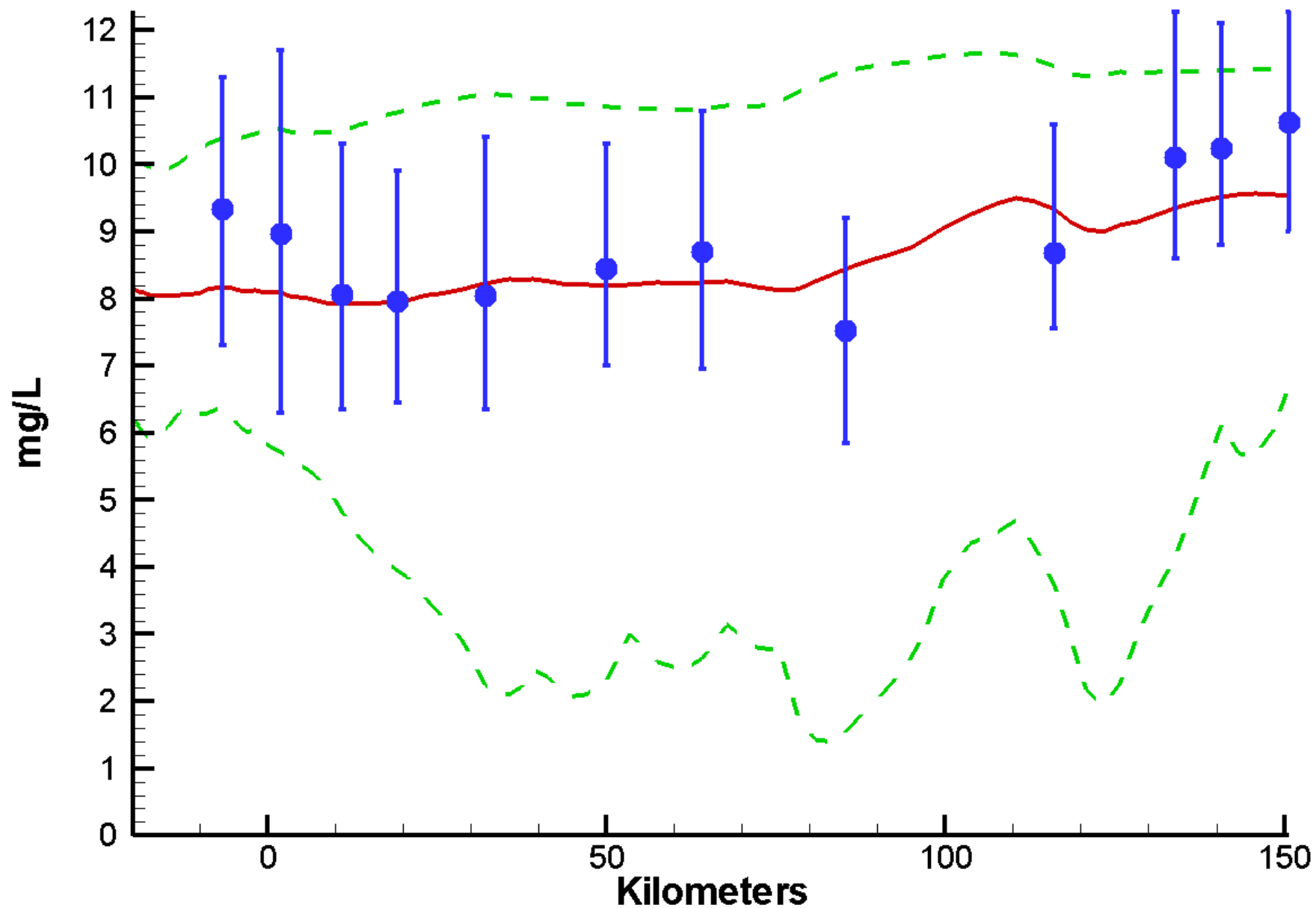
# James River Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1996



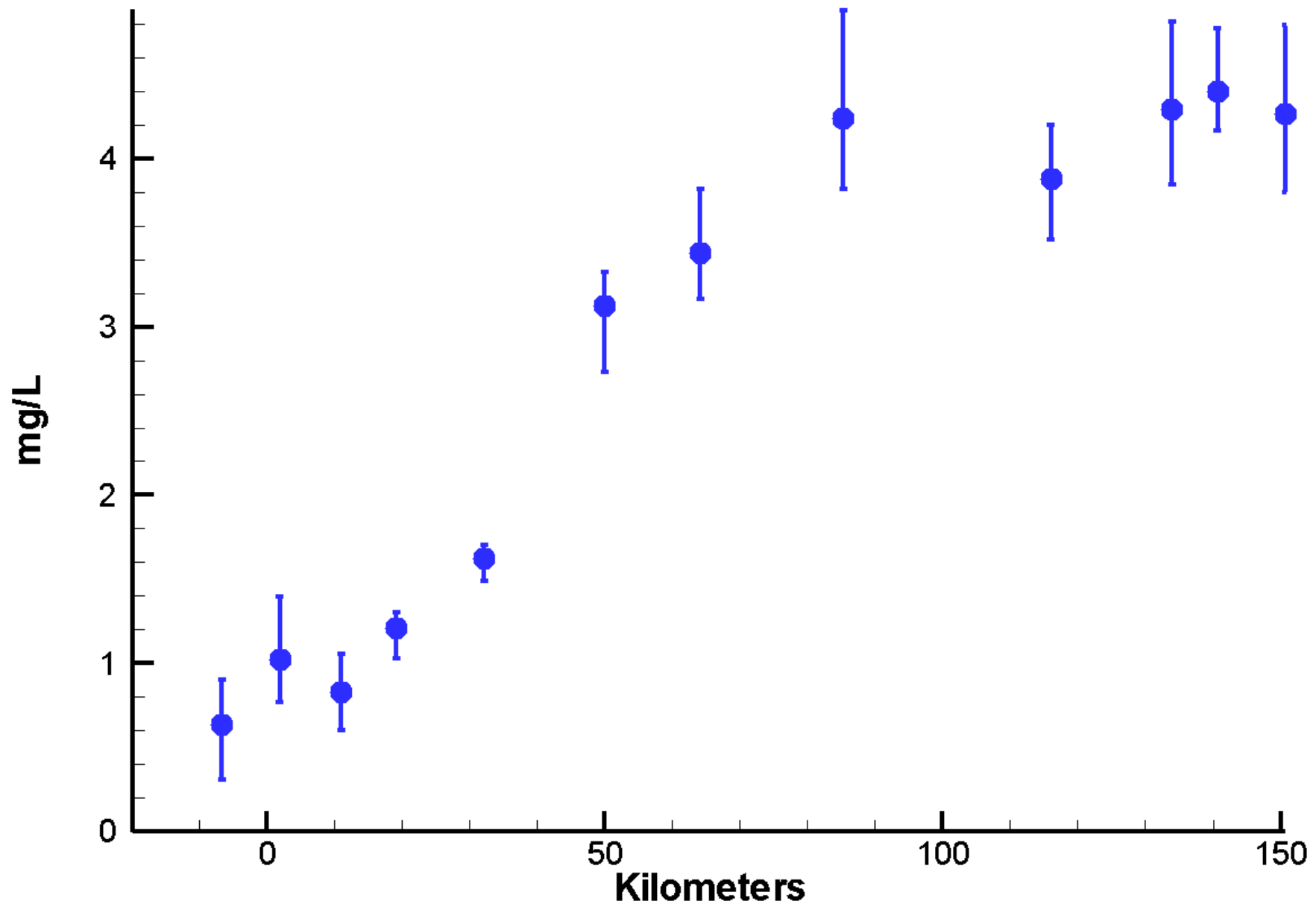
# James River Ches2015 Run118

## Surface Dissolved Oxygen Fall 1996

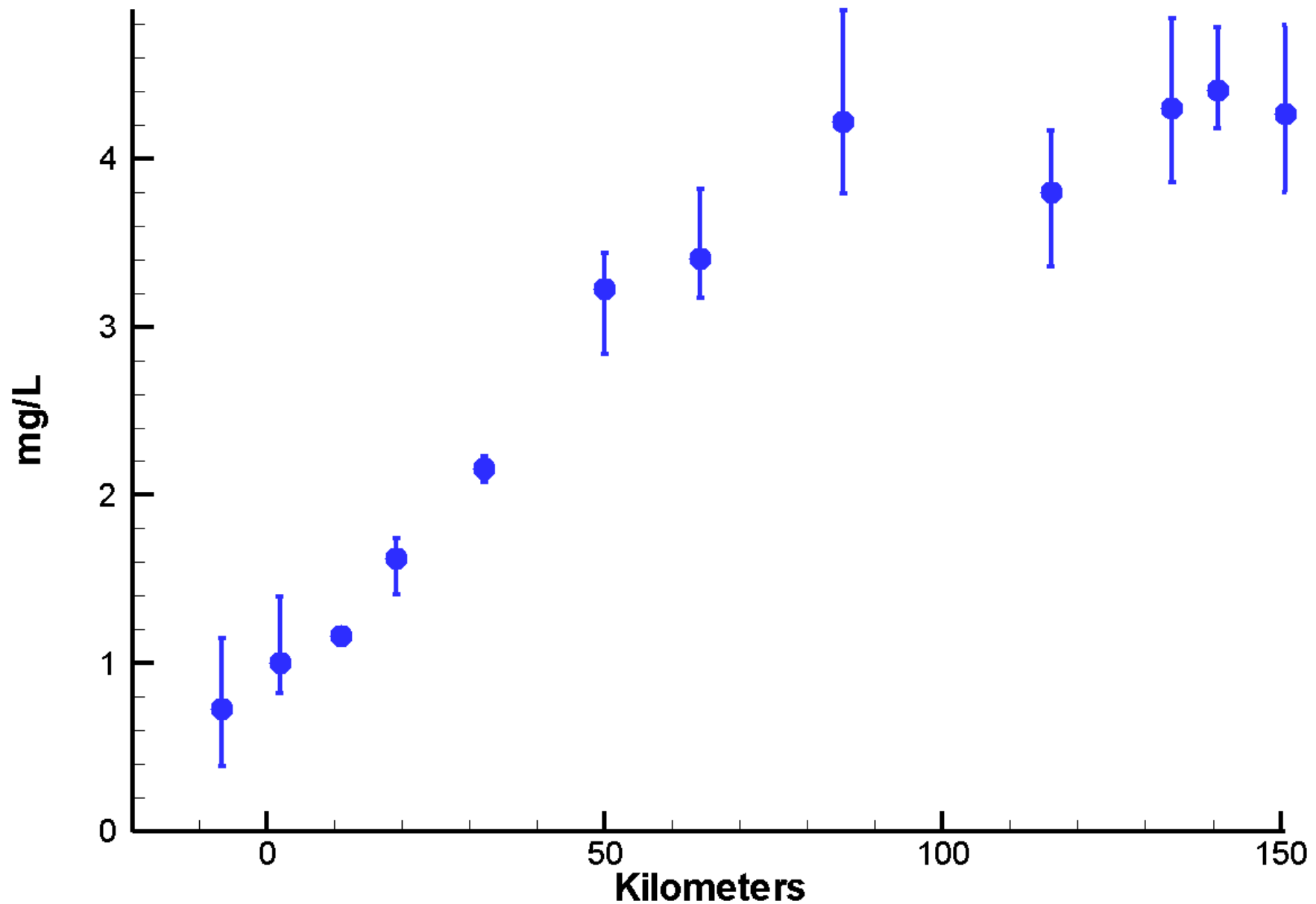


# James River Ches2015 Run118

## Bottom Dissolved Silica Fall 1996

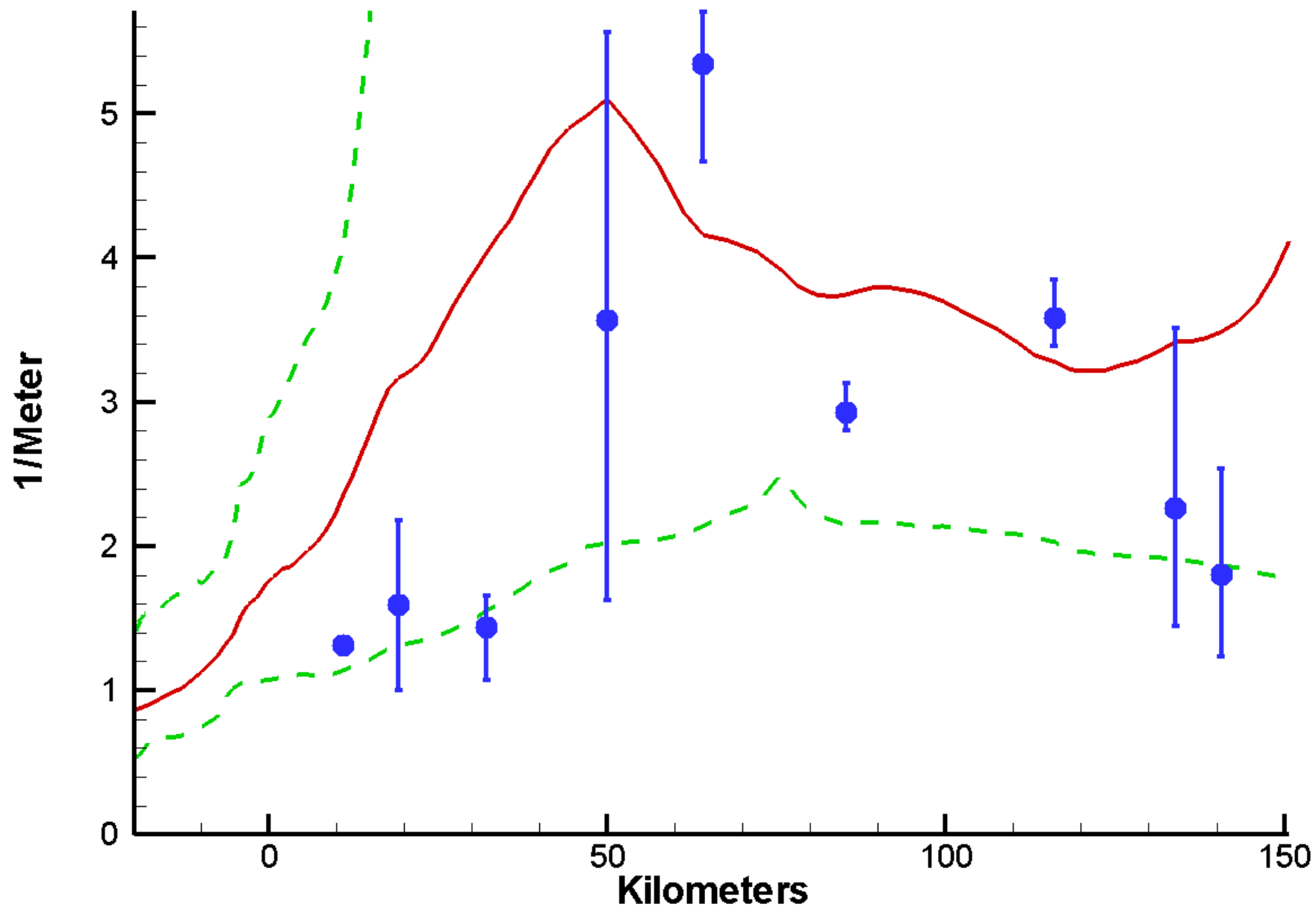


# James River Ches2015 Run118 Surface Dissolved Silica Fall 1996



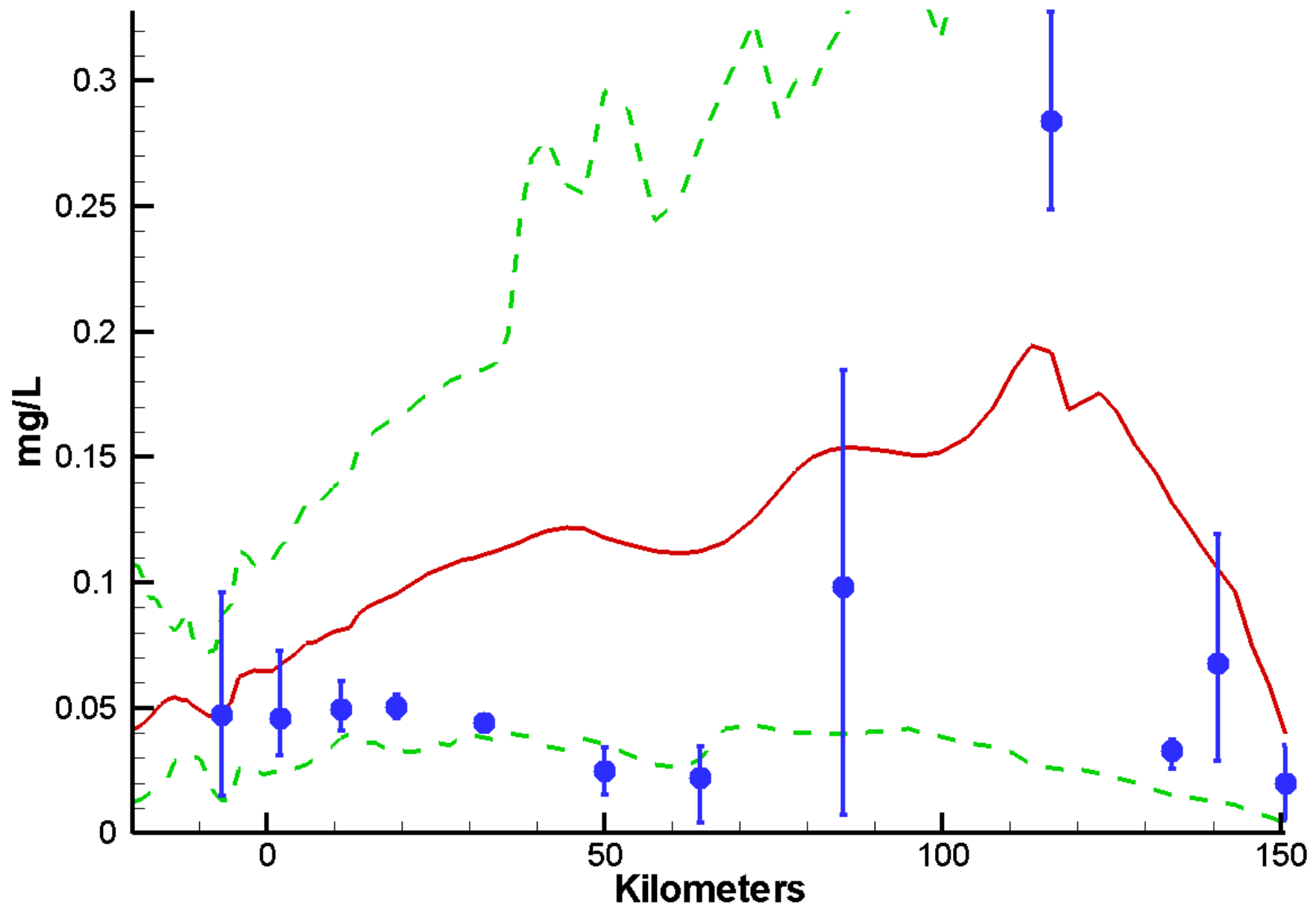
# James River Ches2015 Run118

## Surface Light Extinction Fall 1996



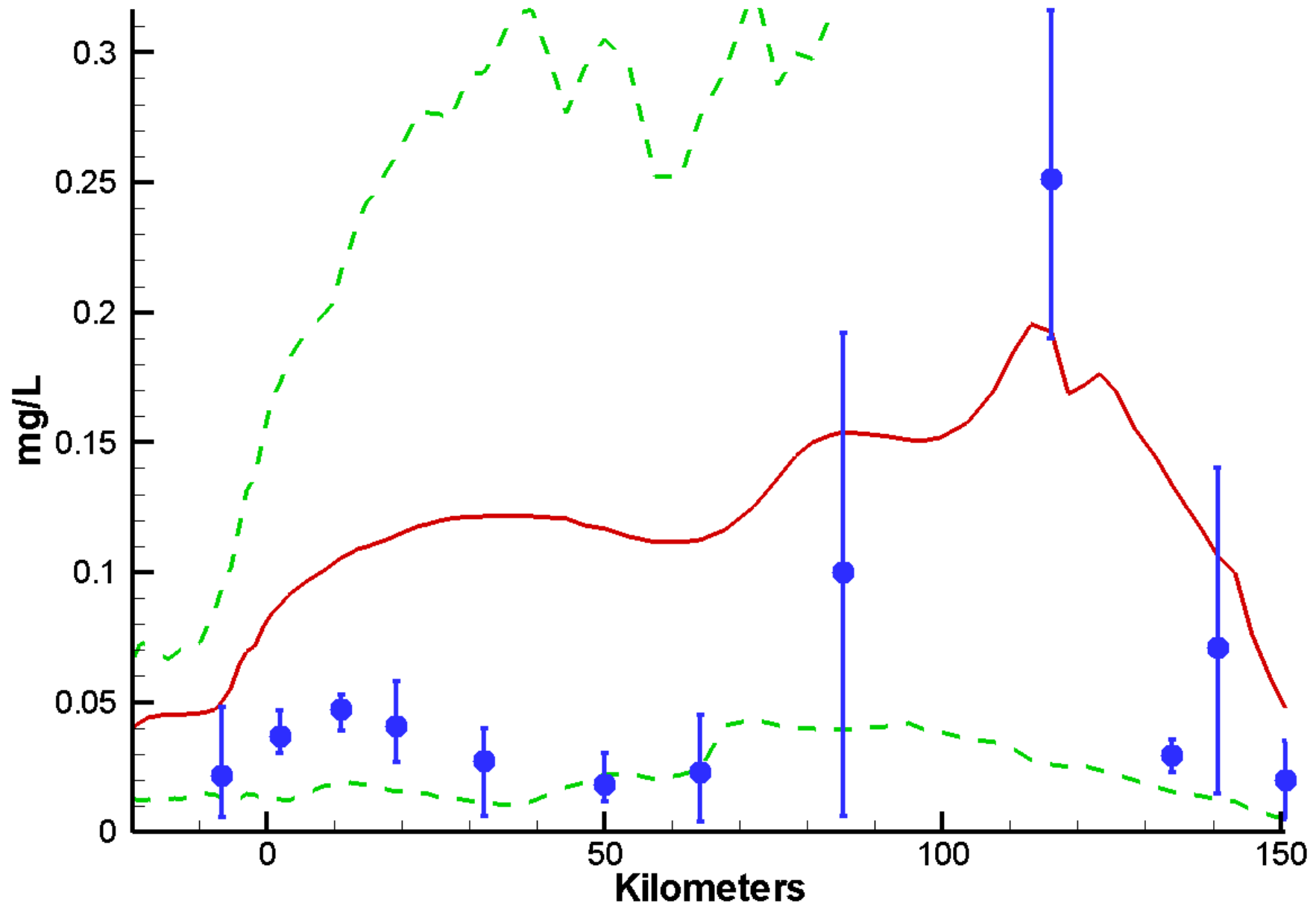
# James River Ches2015 Run118

## Bottom Ammonium Fall 1996



# James River Ches2015 Run118

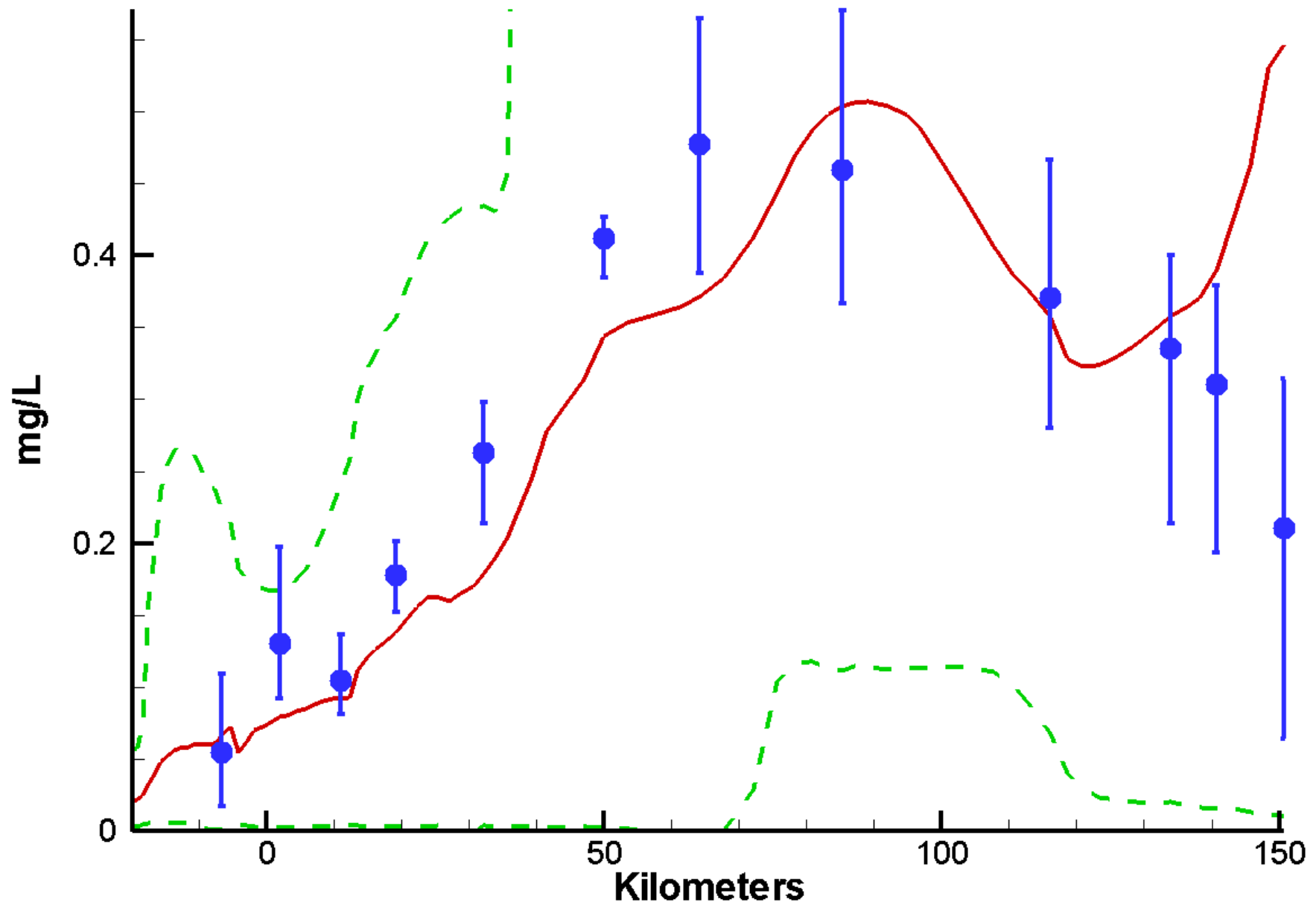
## Surface Ammonium Fall 1996





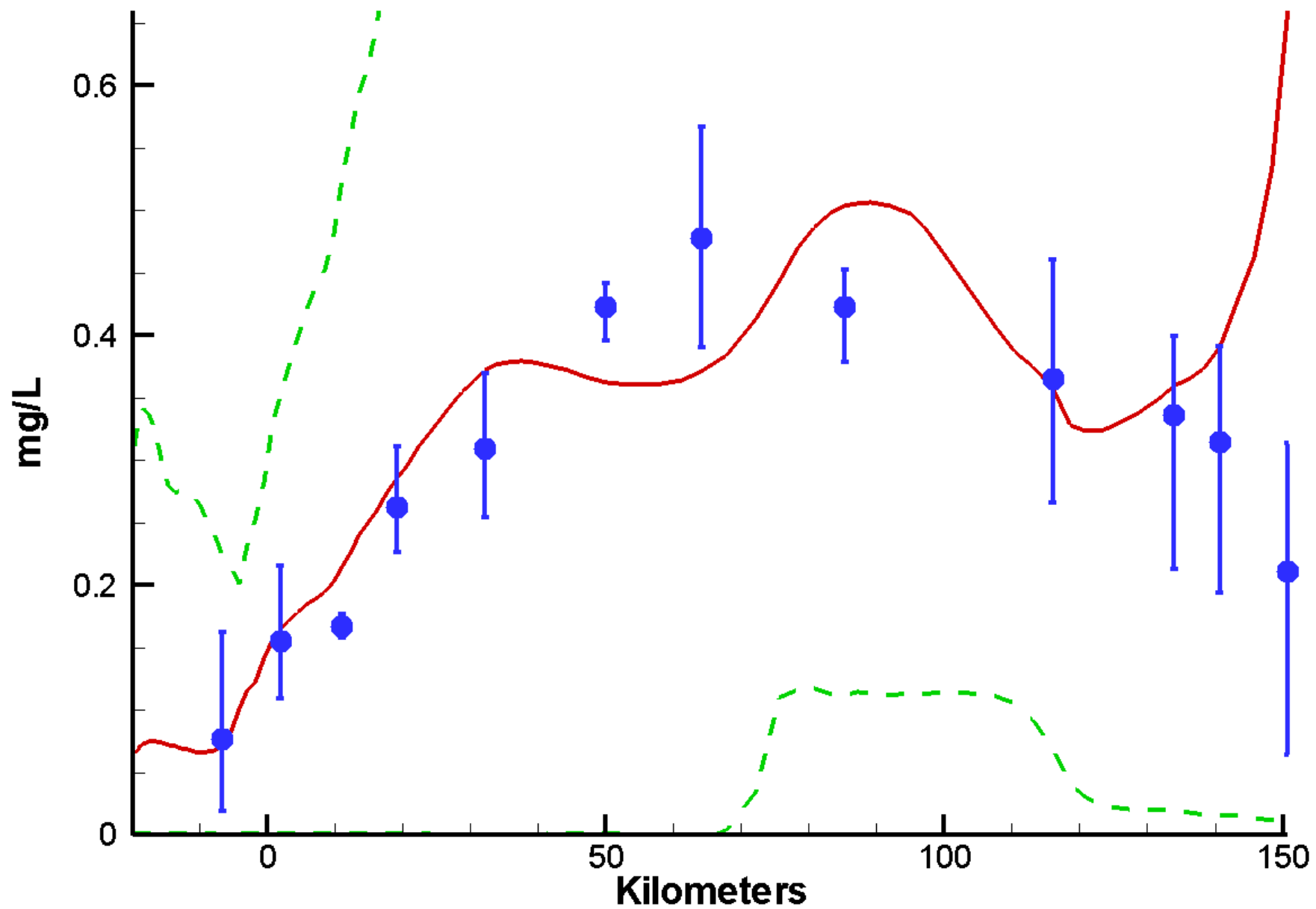
# James River Ches2015 Run118

## Bottom Nitrate Fall 1996



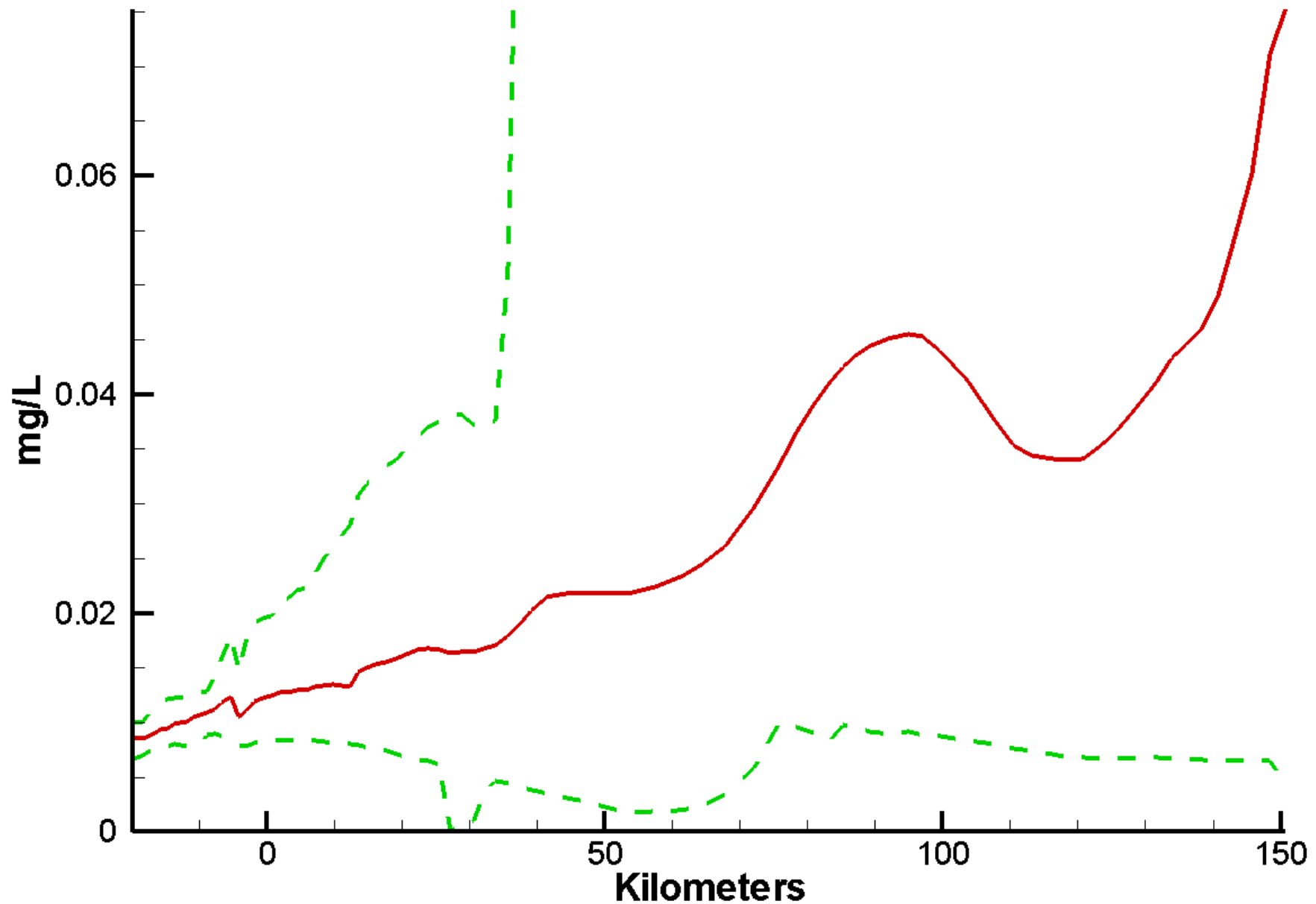
# James River Ches2015 Run118

## Surface Nitrate Fall 1996



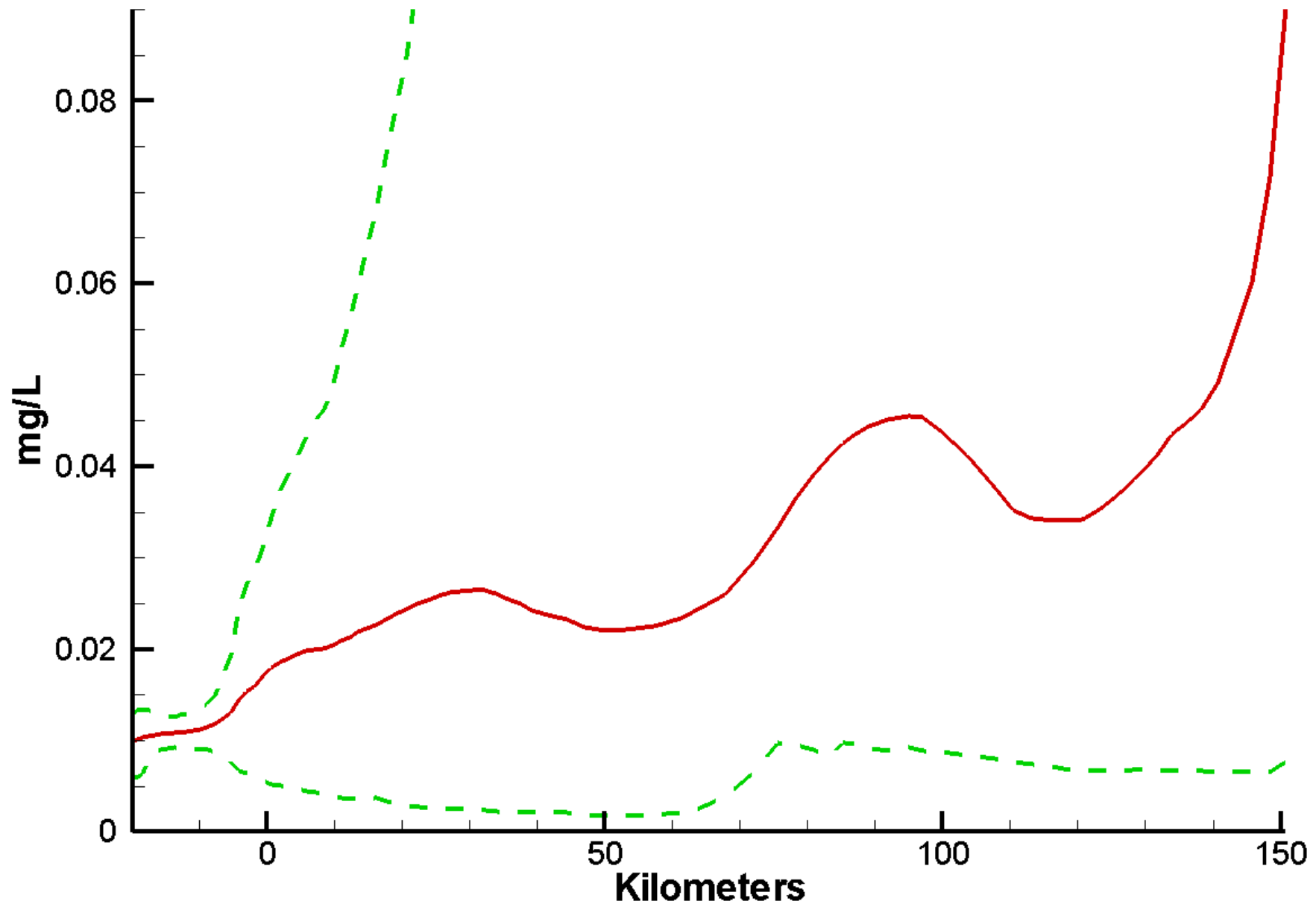
# James River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1996



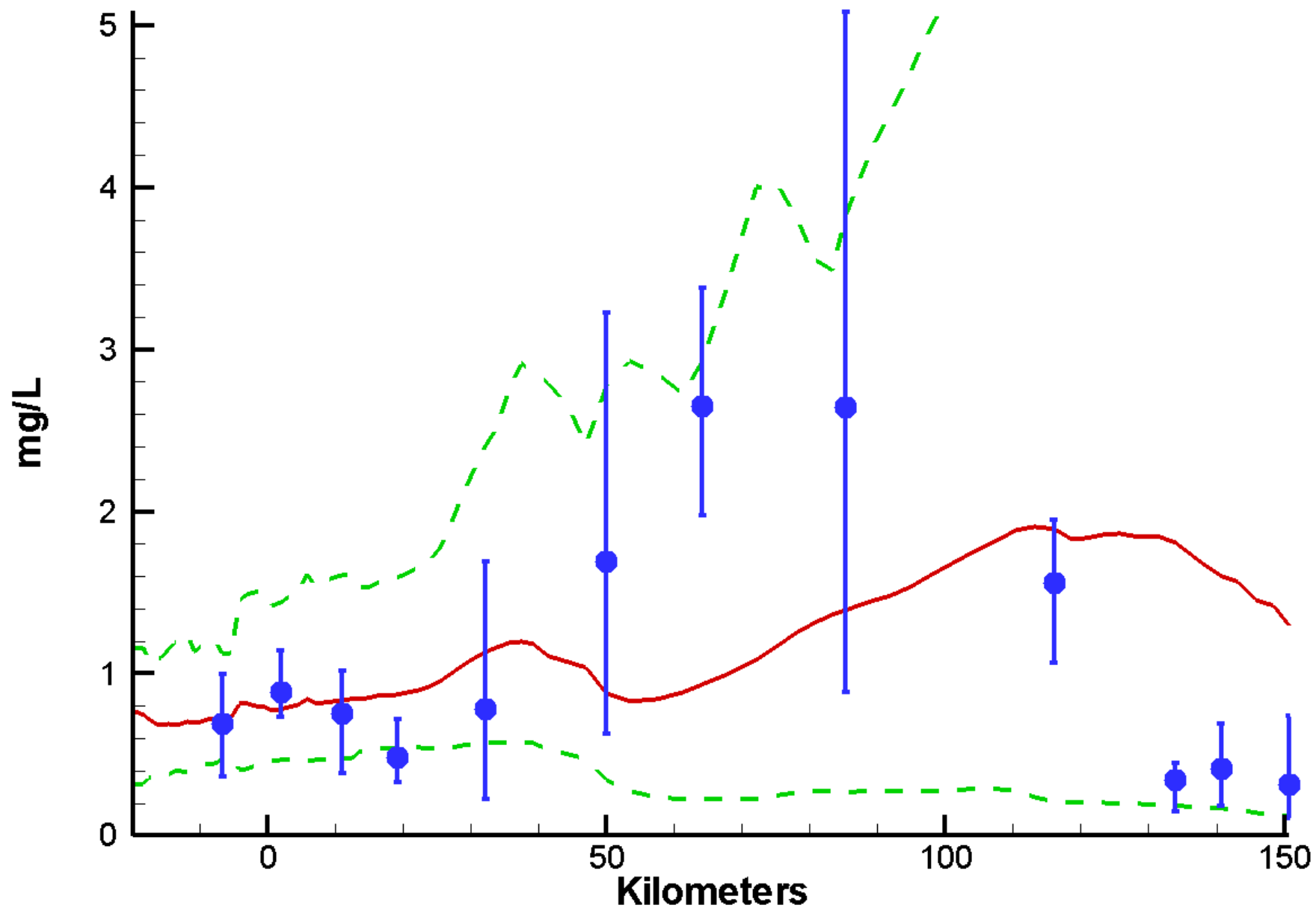
# James River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Fall 1996



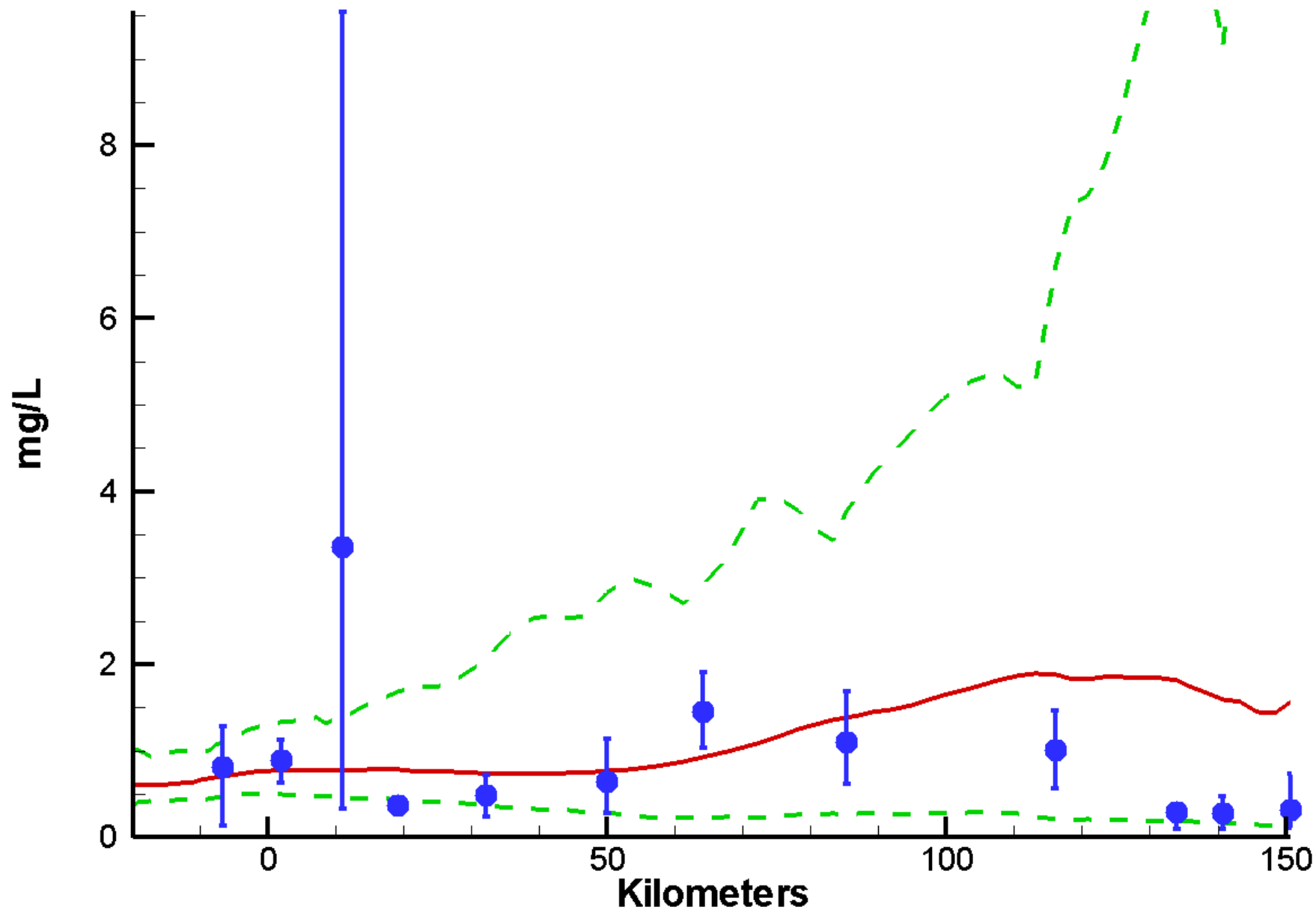
# James River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1996



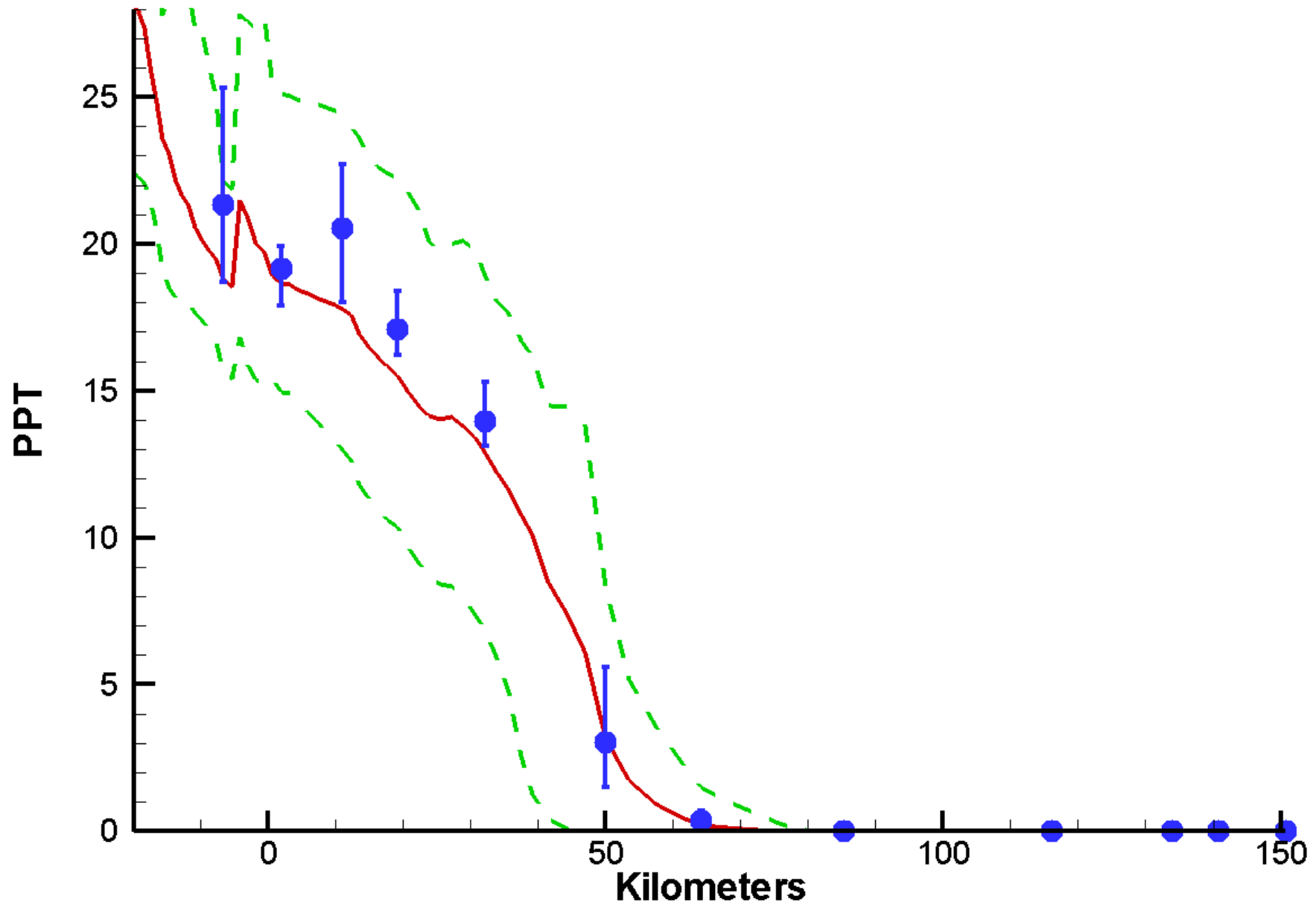
# James River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1996



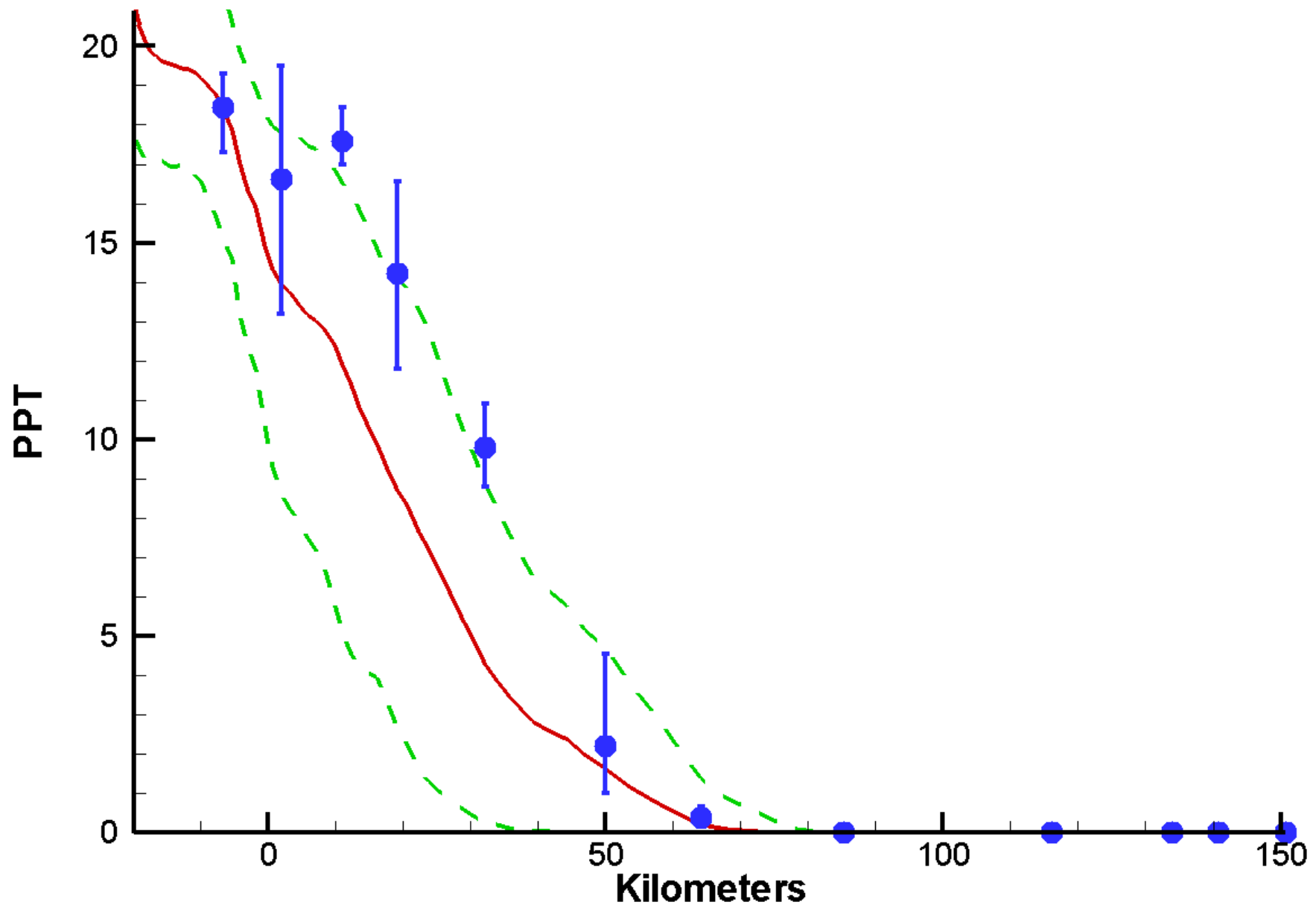
# James River Ches2015 Run118

## Bottom Salinity Fall 1996



# James River Ches2015 Run118

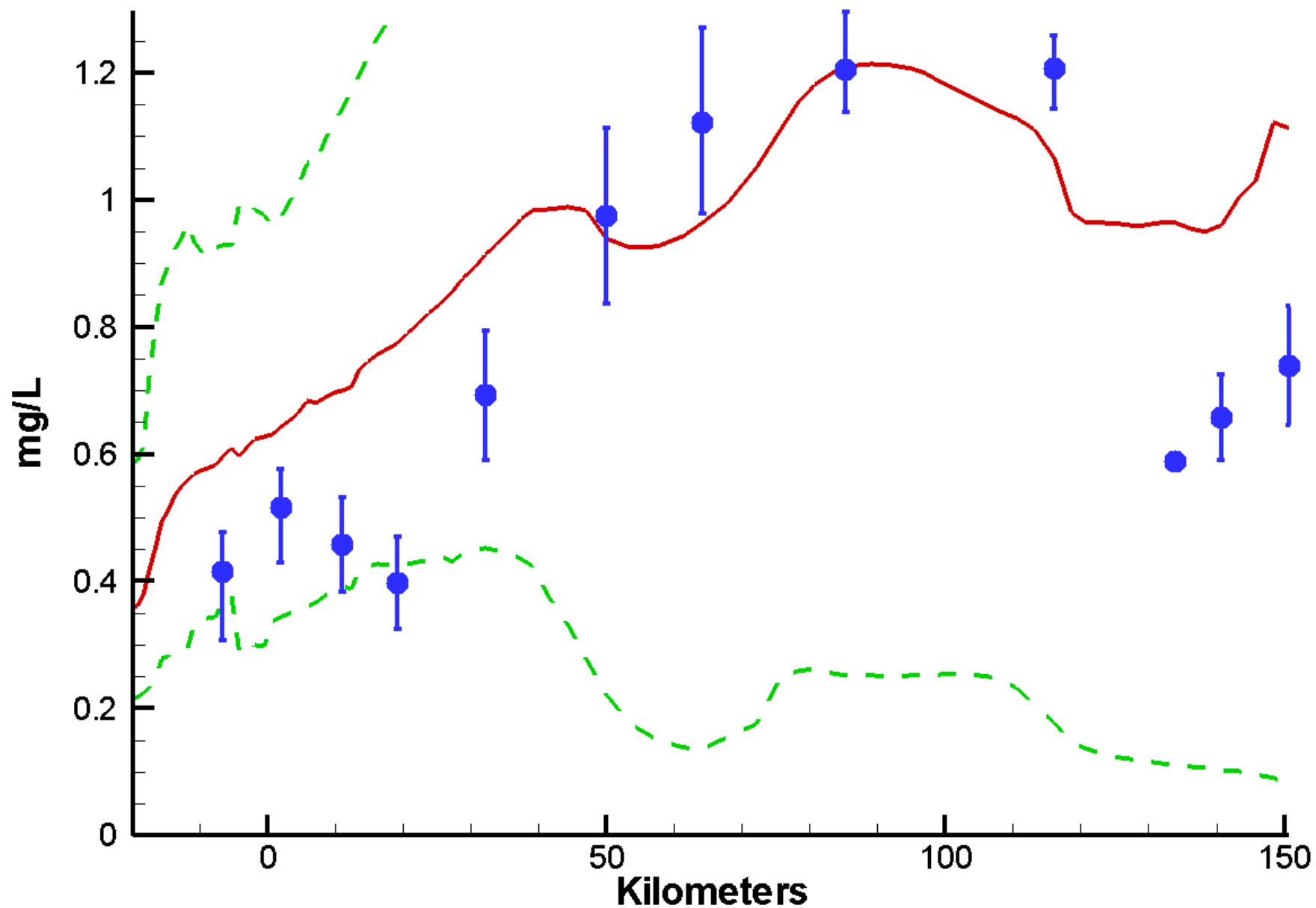
## Surface Salinity Fall 1996



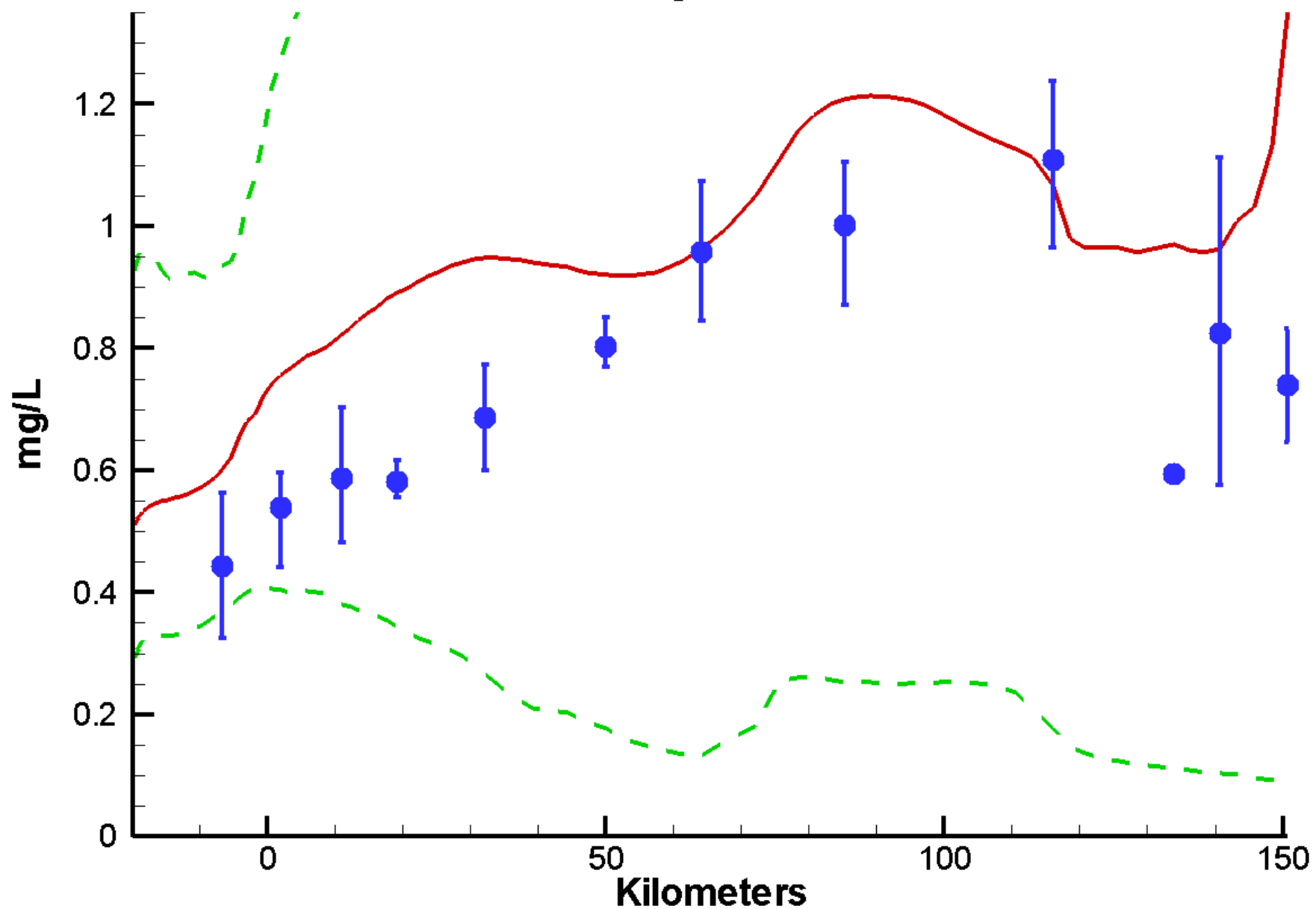


# James River Ches2015 Run118

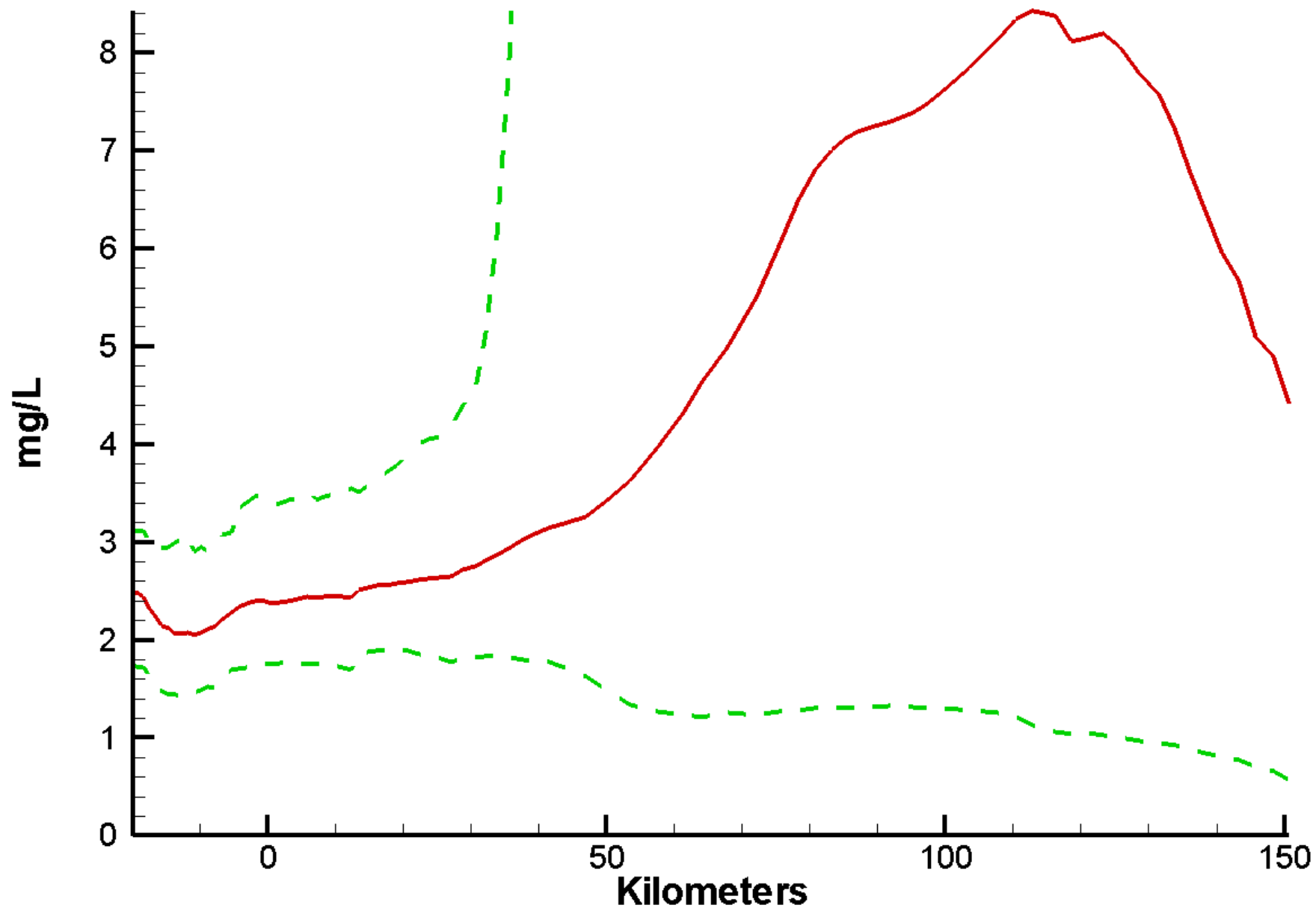
## Bottom Total Nitrogen Fall 1996



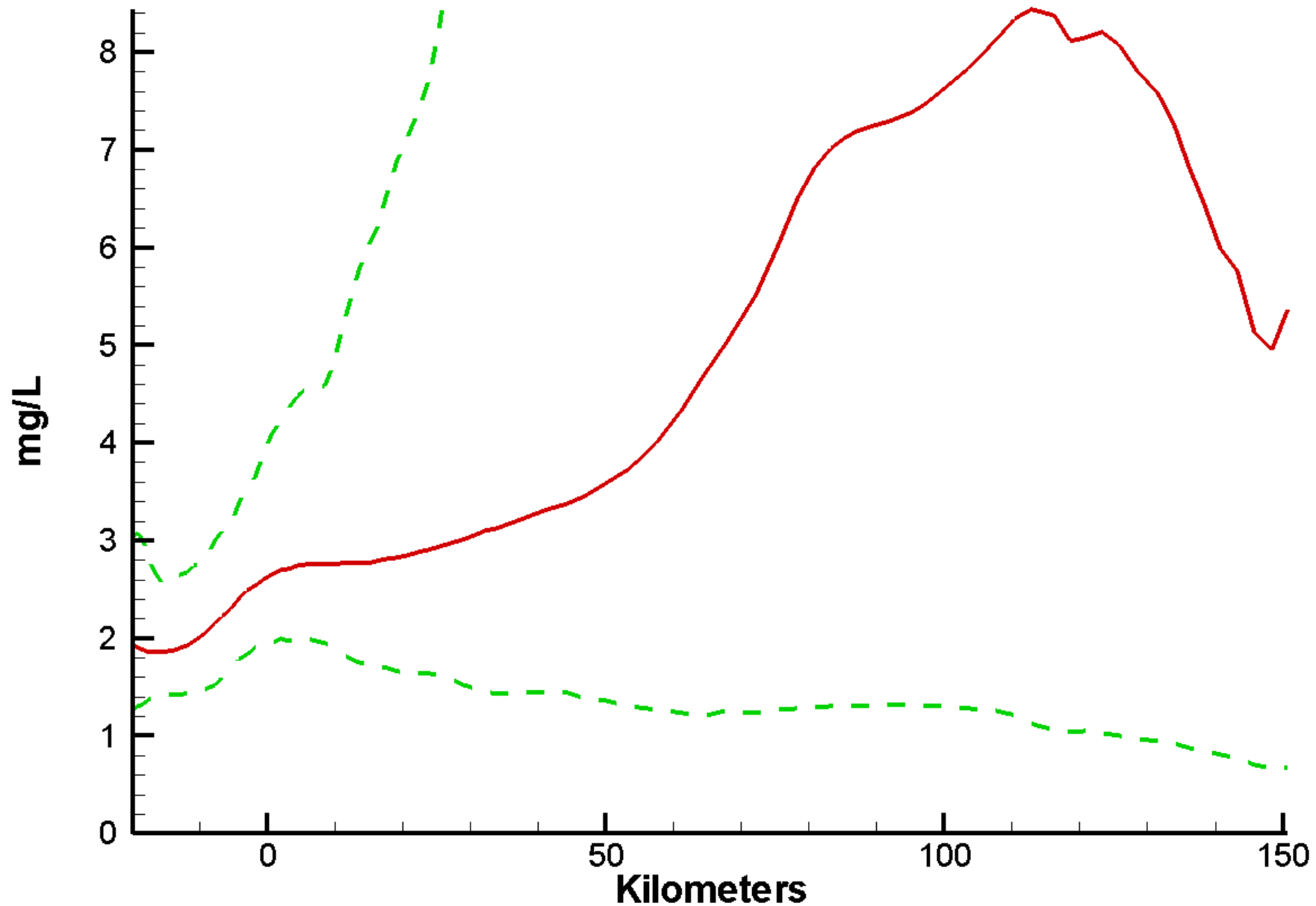
# James River Ches2015 Run118 Surface Total Nitrogen Fall 1996



**James River Ches2015 Run118**  
**Bottom Total Organic Carbon Fall 1996**

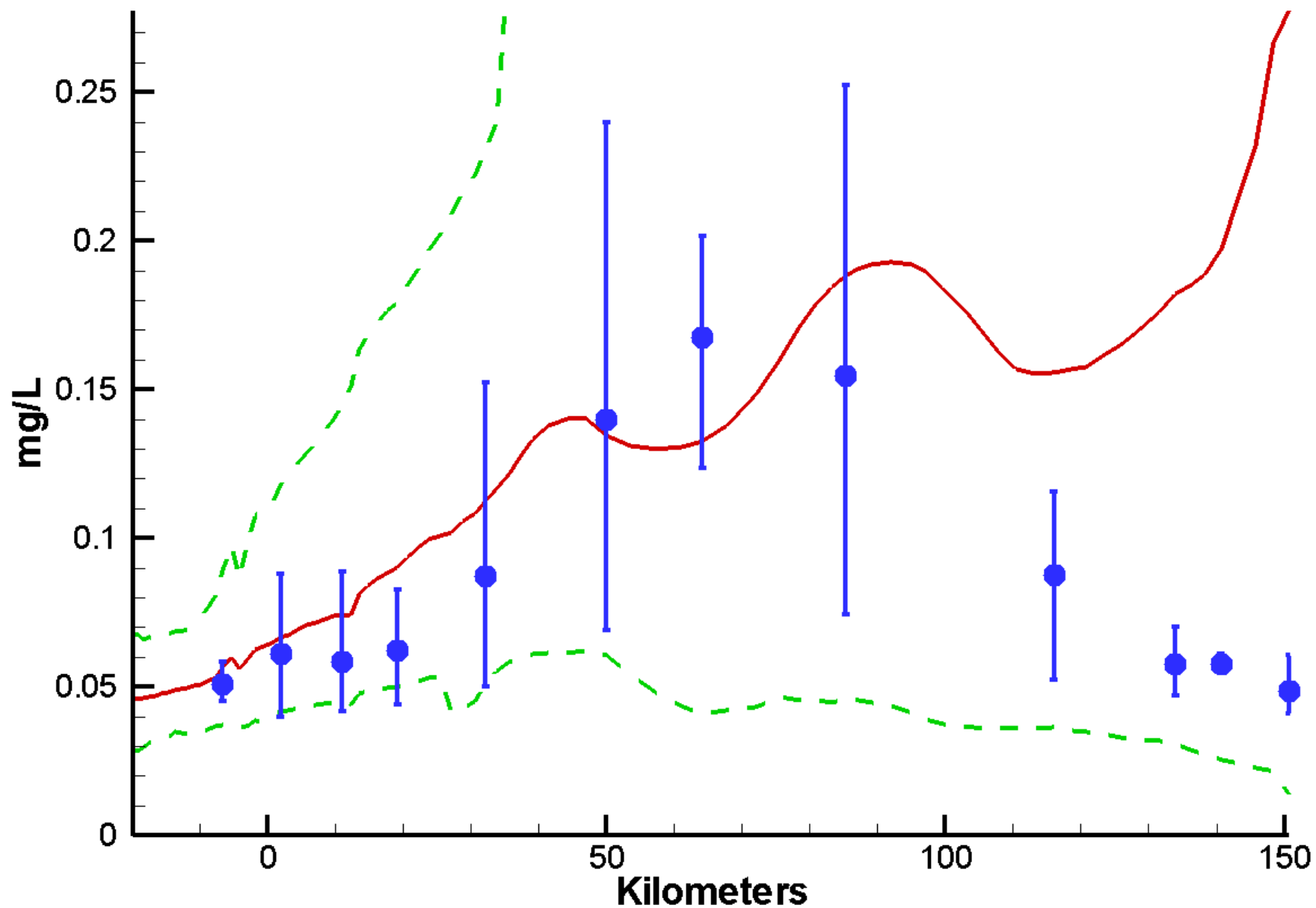


**James River Ches2015 Run118**  
**Surface Total Organic Carbon Fall 1996**



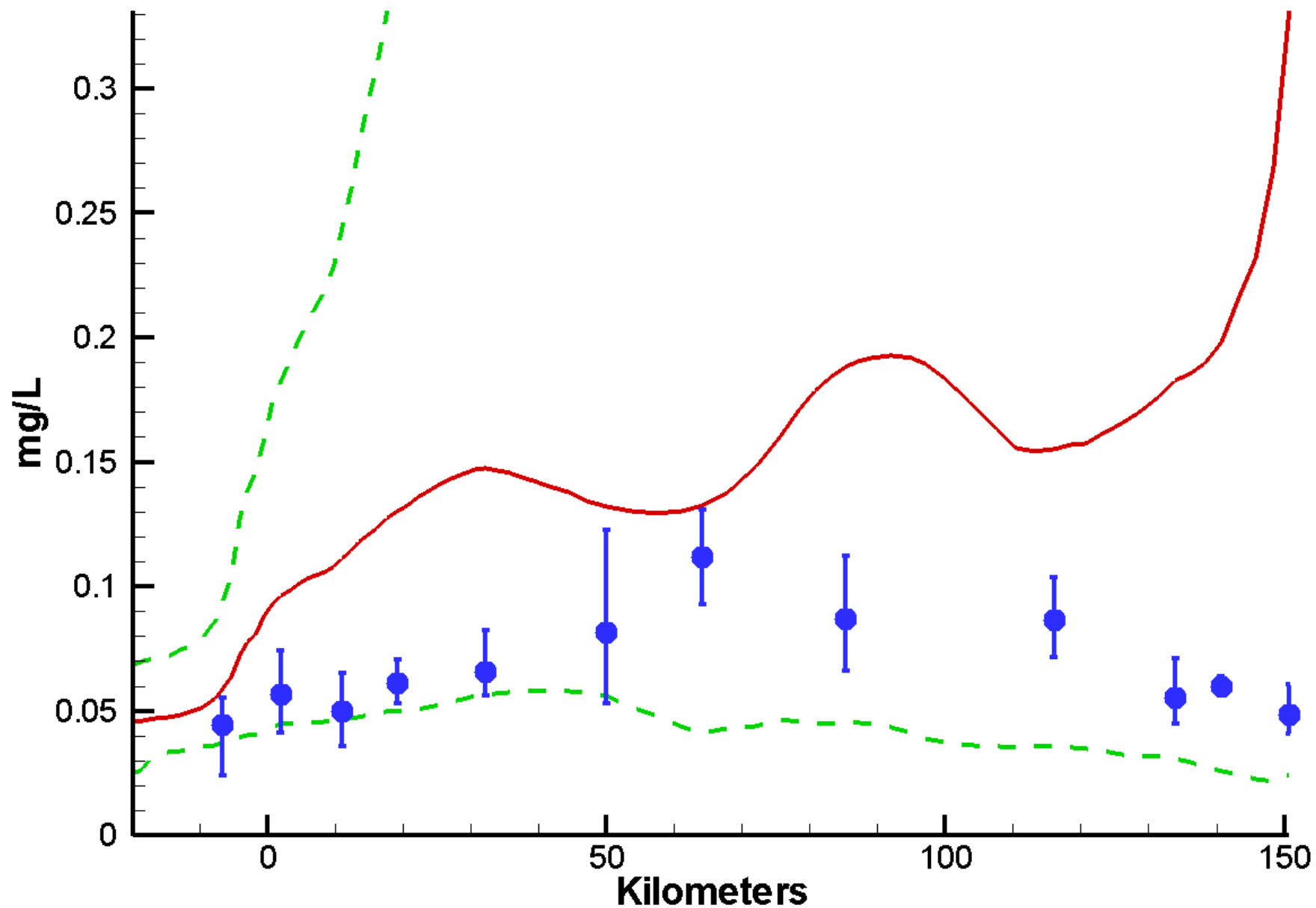
# James River Ches2015 Run118

## Bottom Total Phosphorus Fall 1996



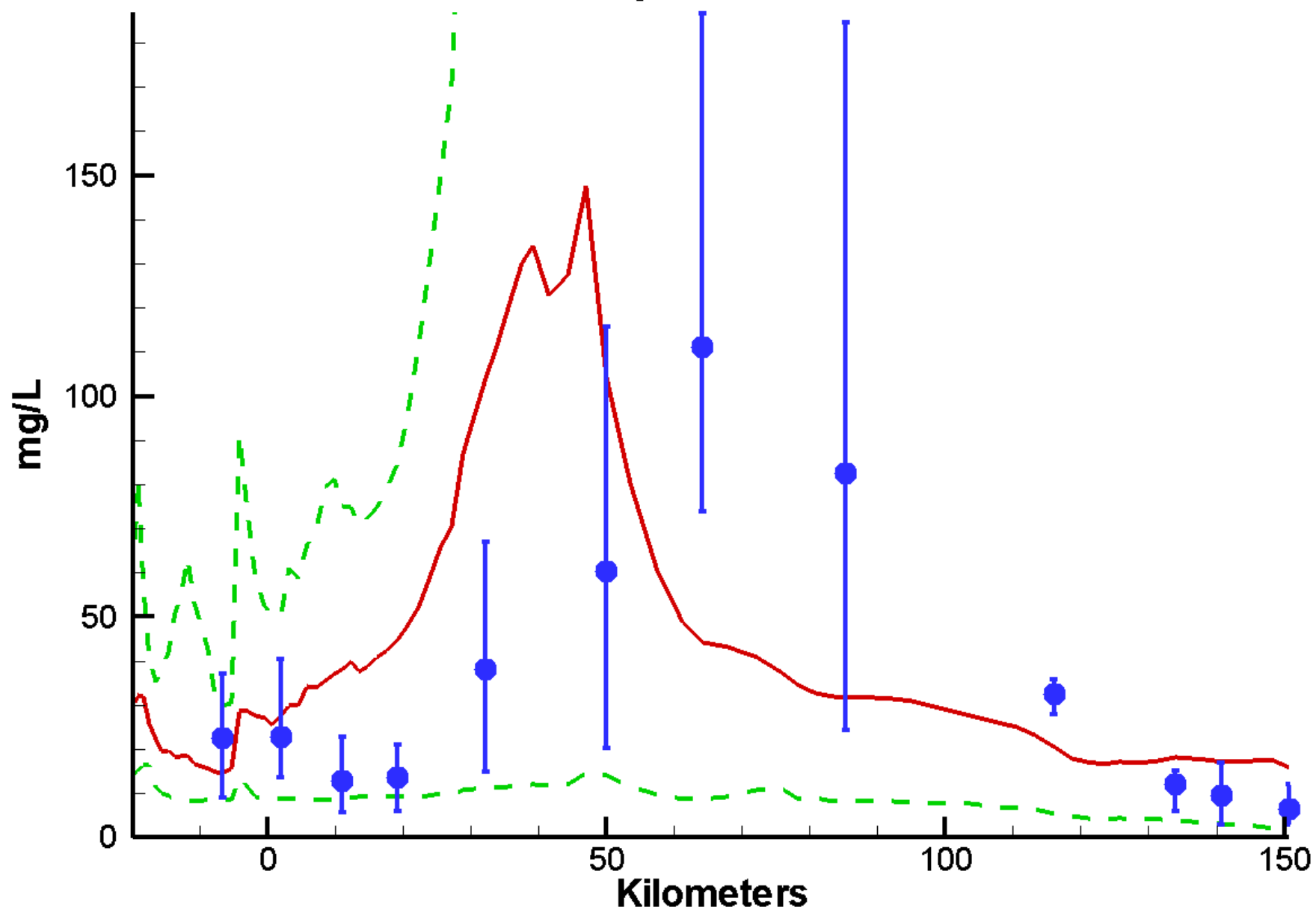
# James River Ches2015 Run118

## Surface Total Phosphorus Fall 1996



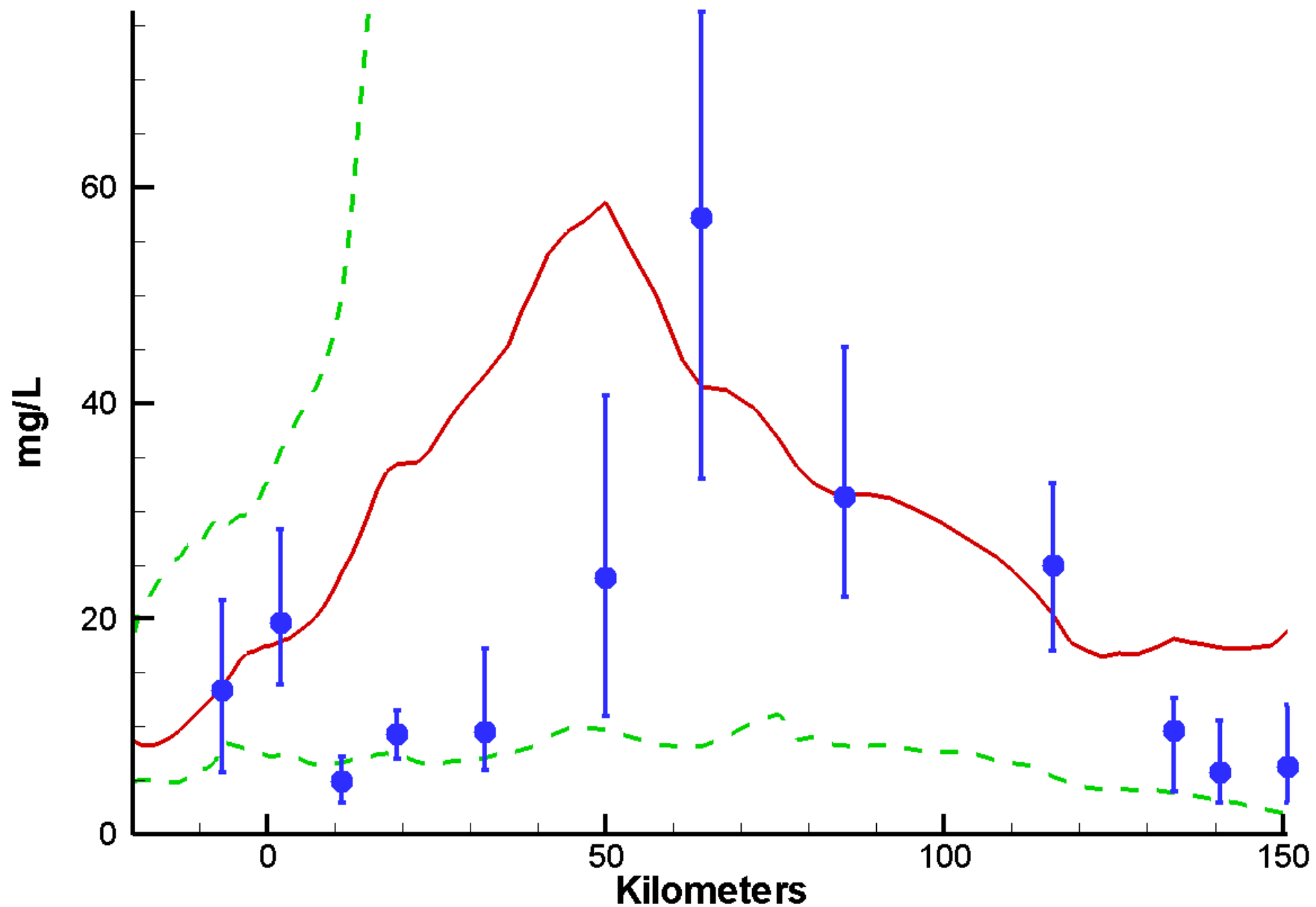
# James River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1996



# James River Ches2015 Run118

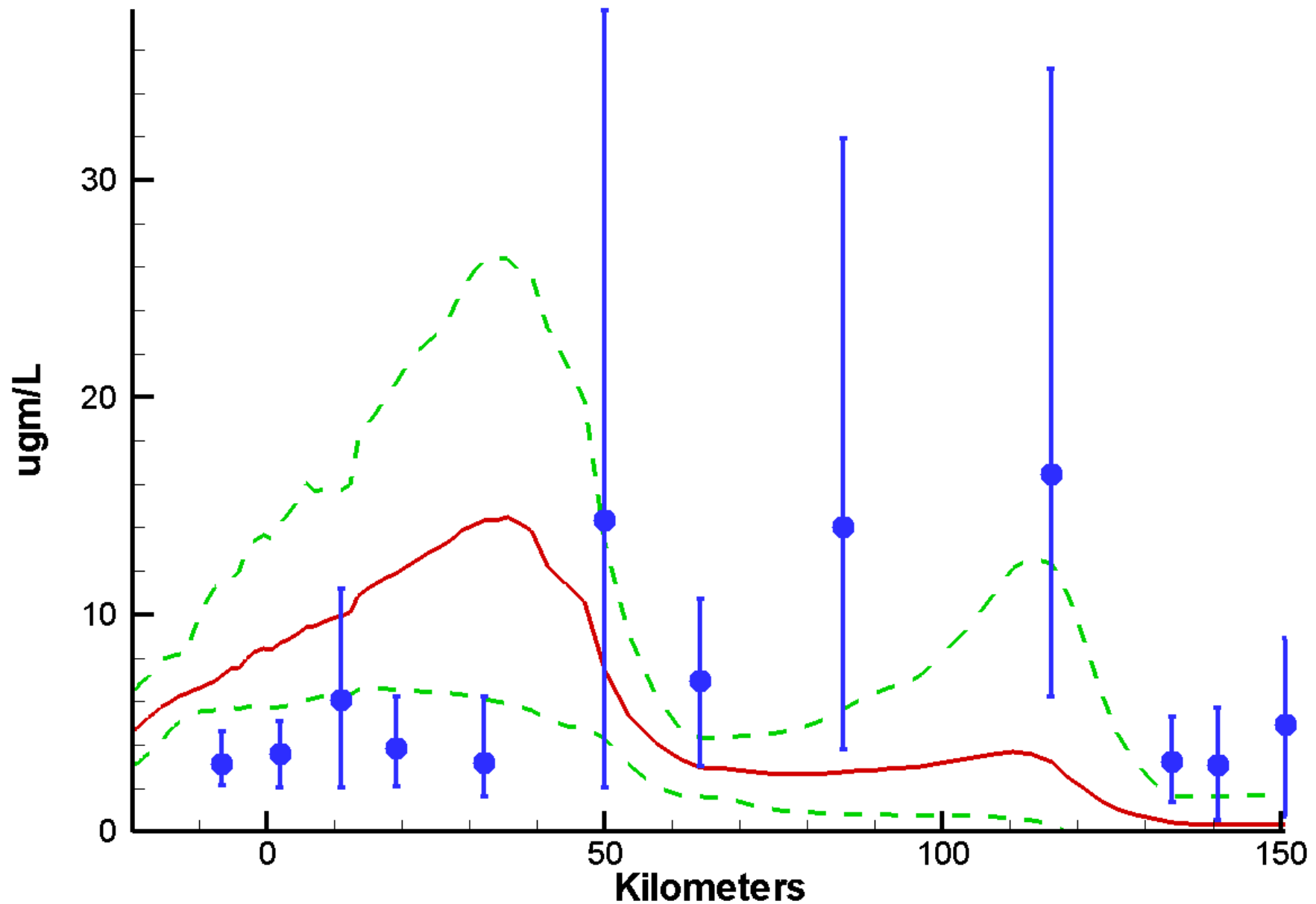
## Surface Total Suspended Solids Fall 1996





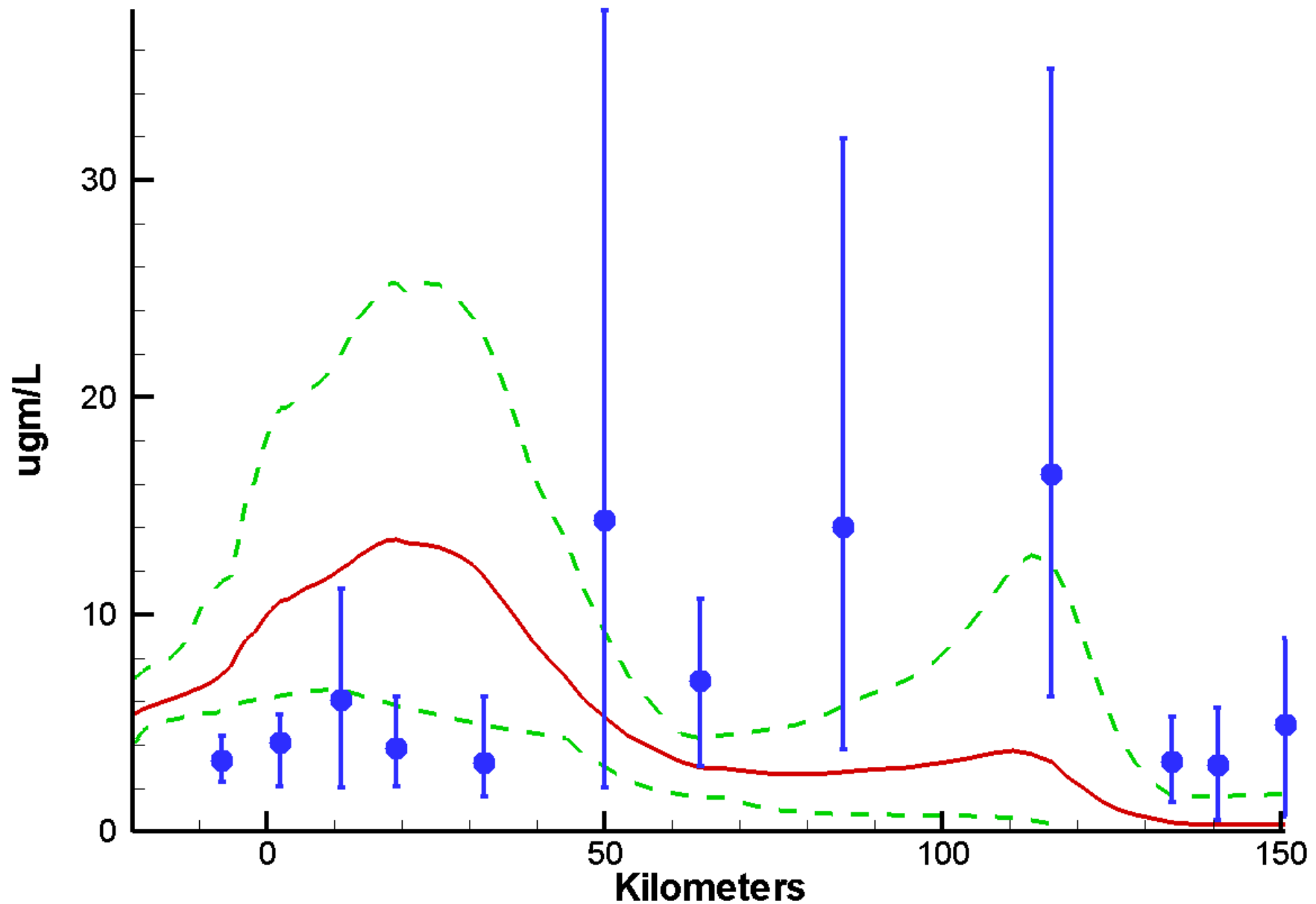
# James River Ches2015 Run118

## Bottom Chlorophyll Winter 1999



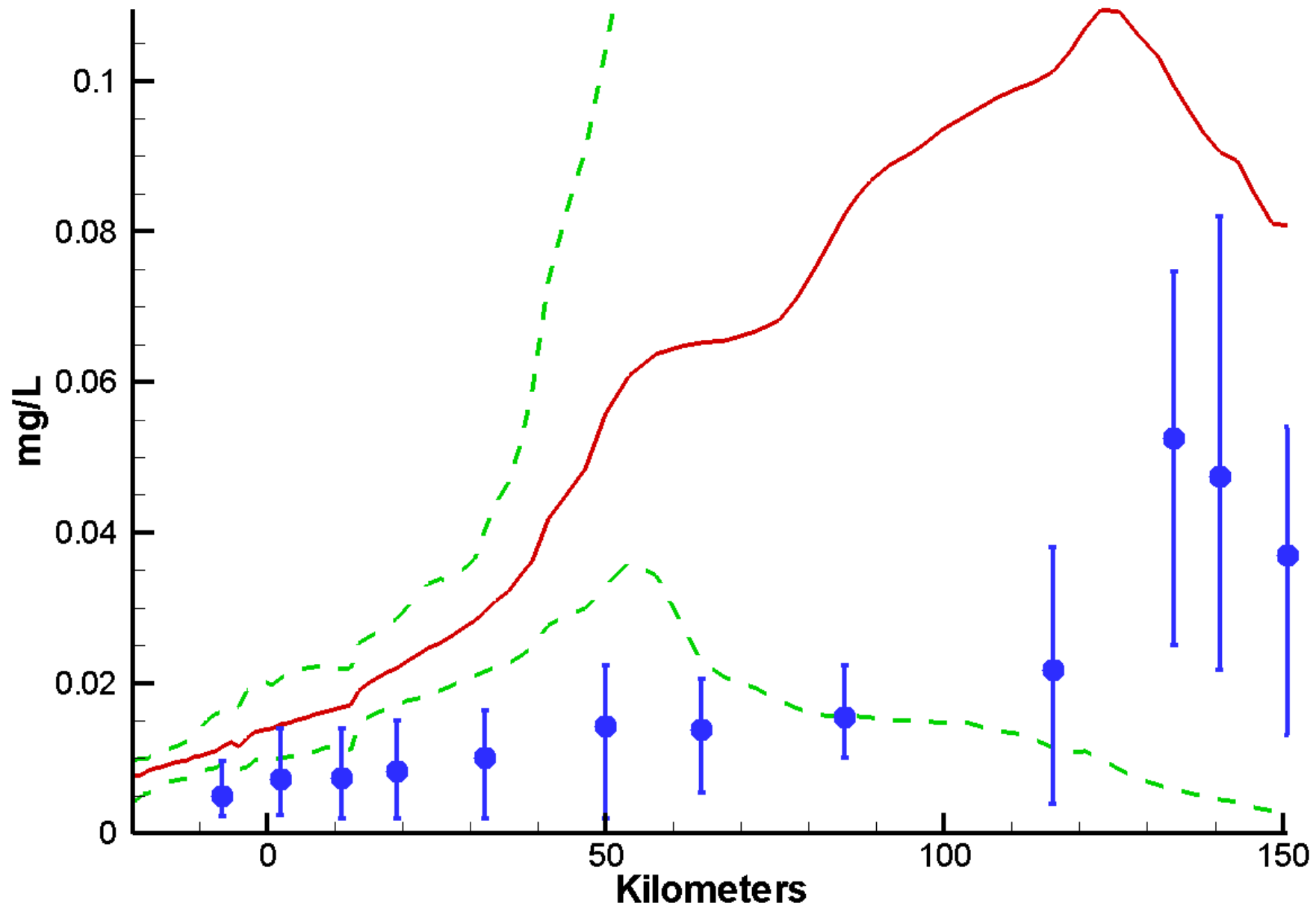
# James River Ches2015 Run118

## Surface Chlorophyll Winter 1999



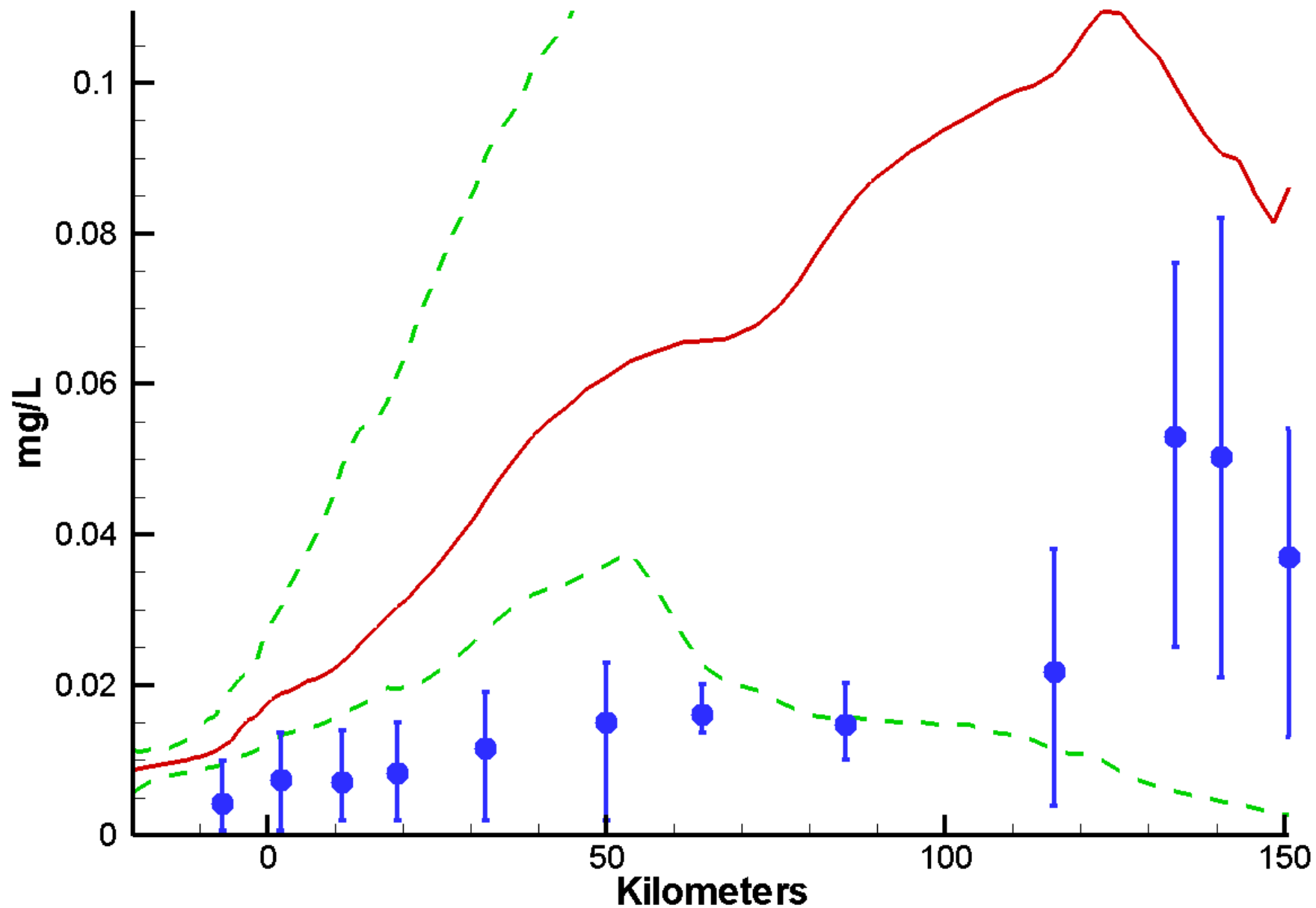
# James River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1999



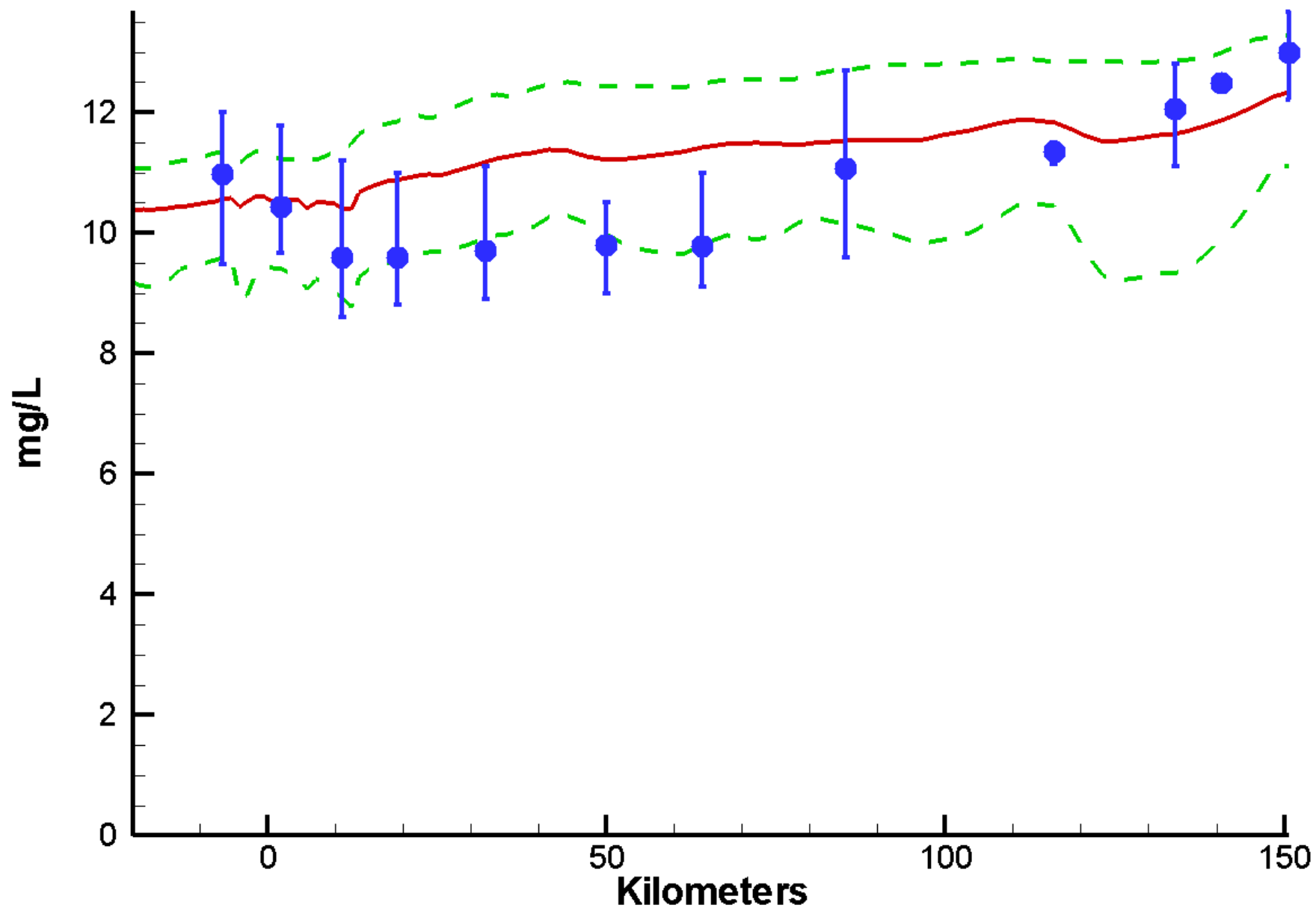
# James River Ches2015 Run118

## Surface Dissolved Phosphate Winter 1999



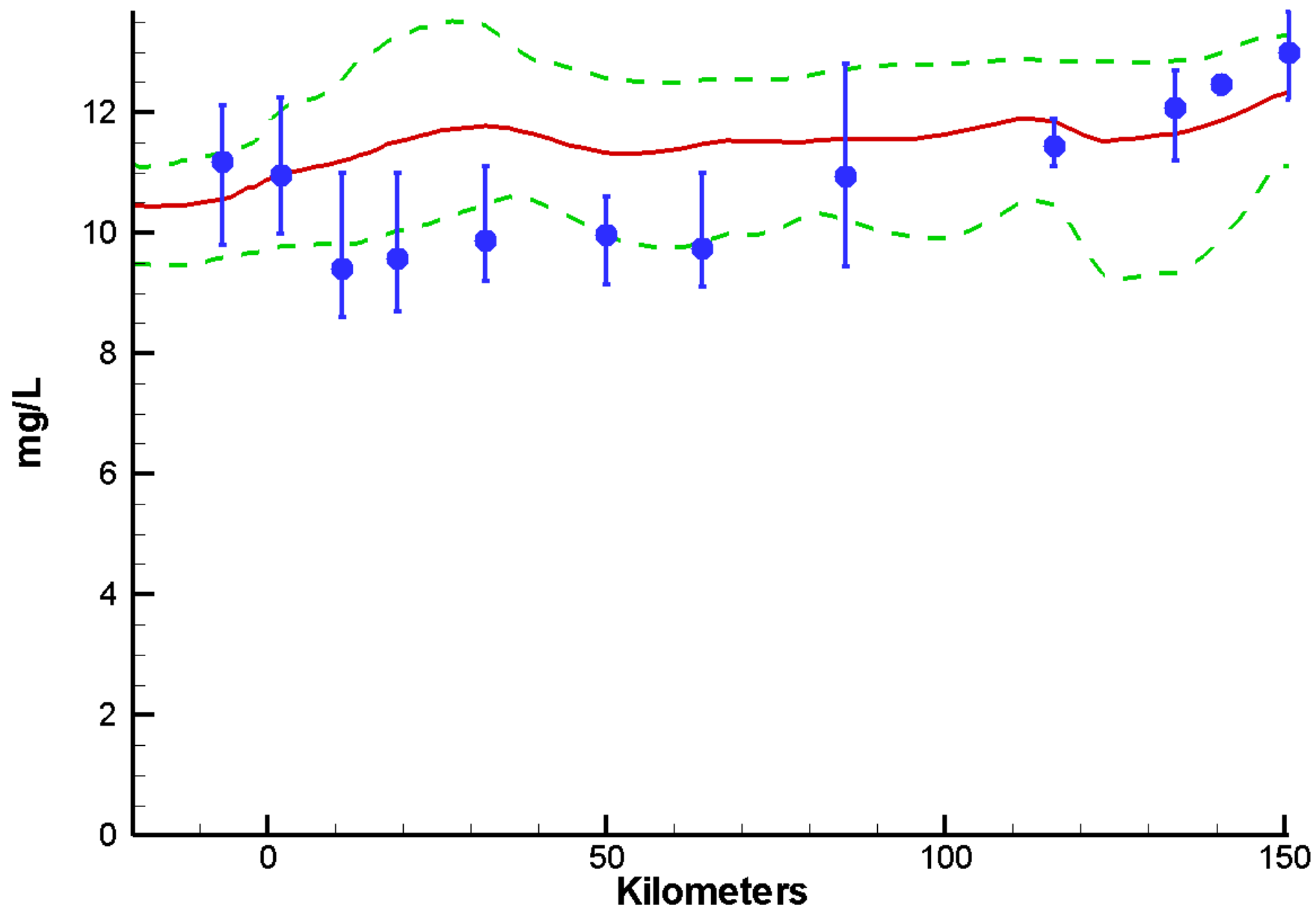
# James River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1999



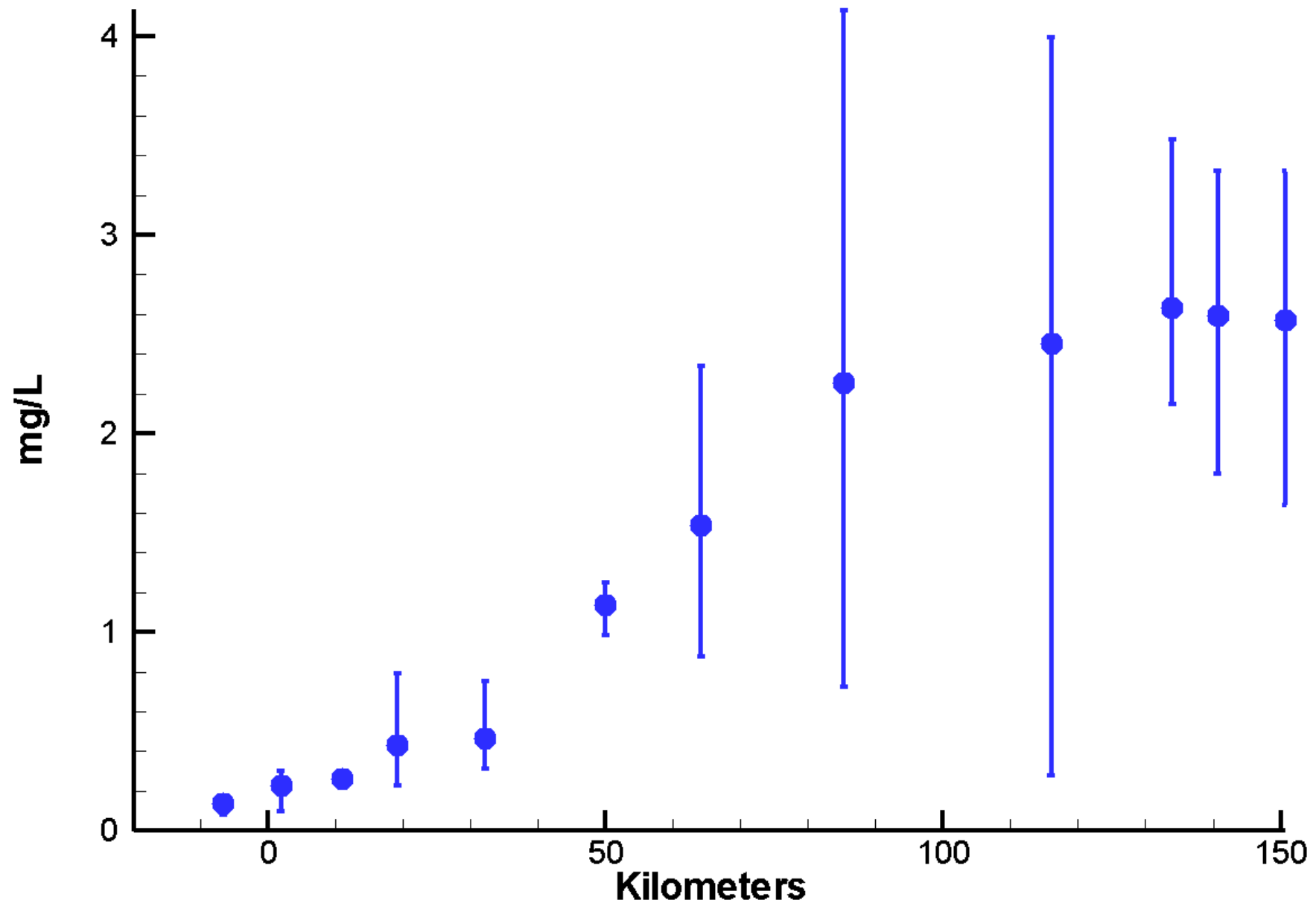
# James River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1999



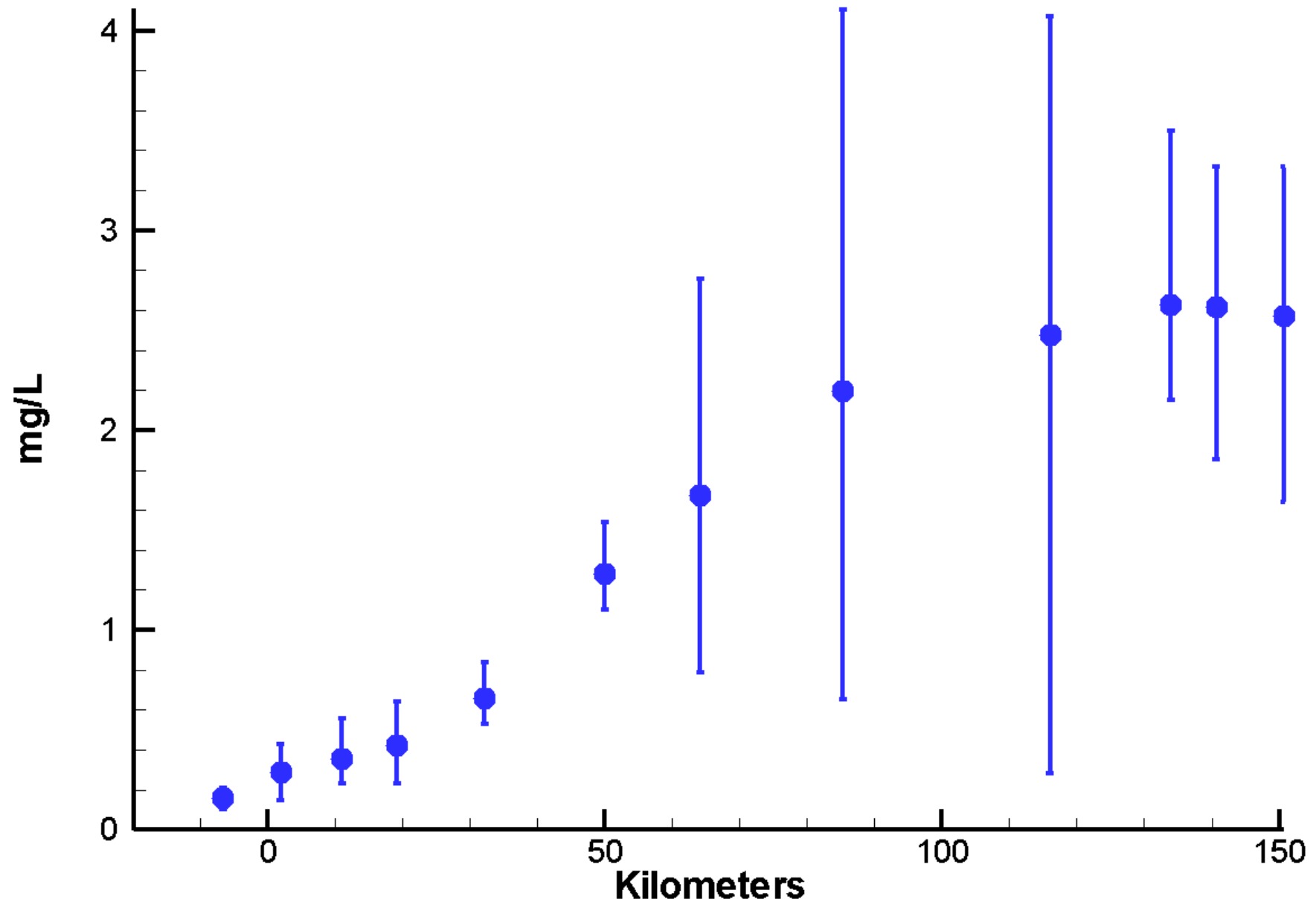
# James River Ches2015 Run118

## Bottom Dissolved Silica Winter 1999



# James River Ches2015 Run118

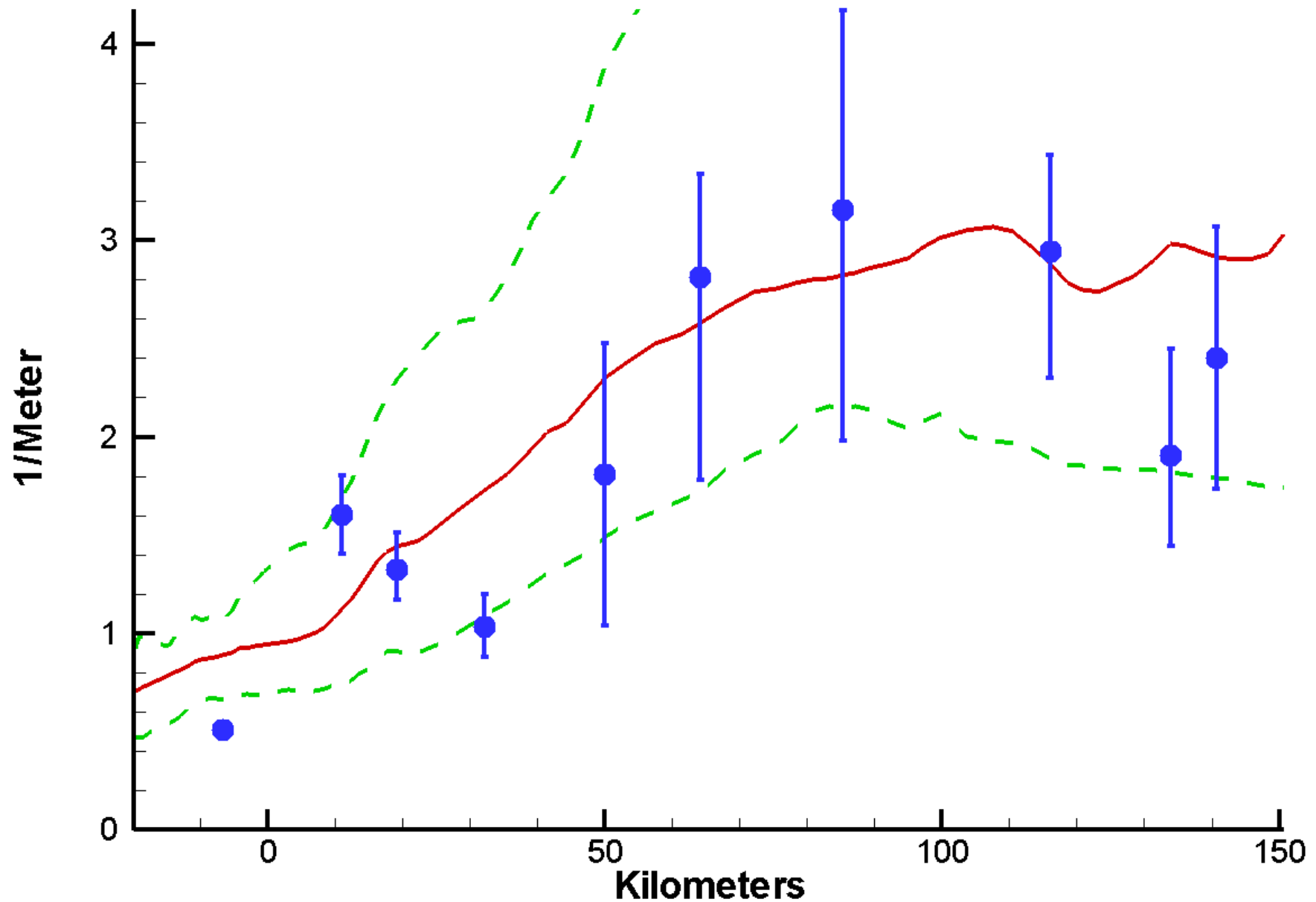
## Surface Dissolved Silica Winter 1999





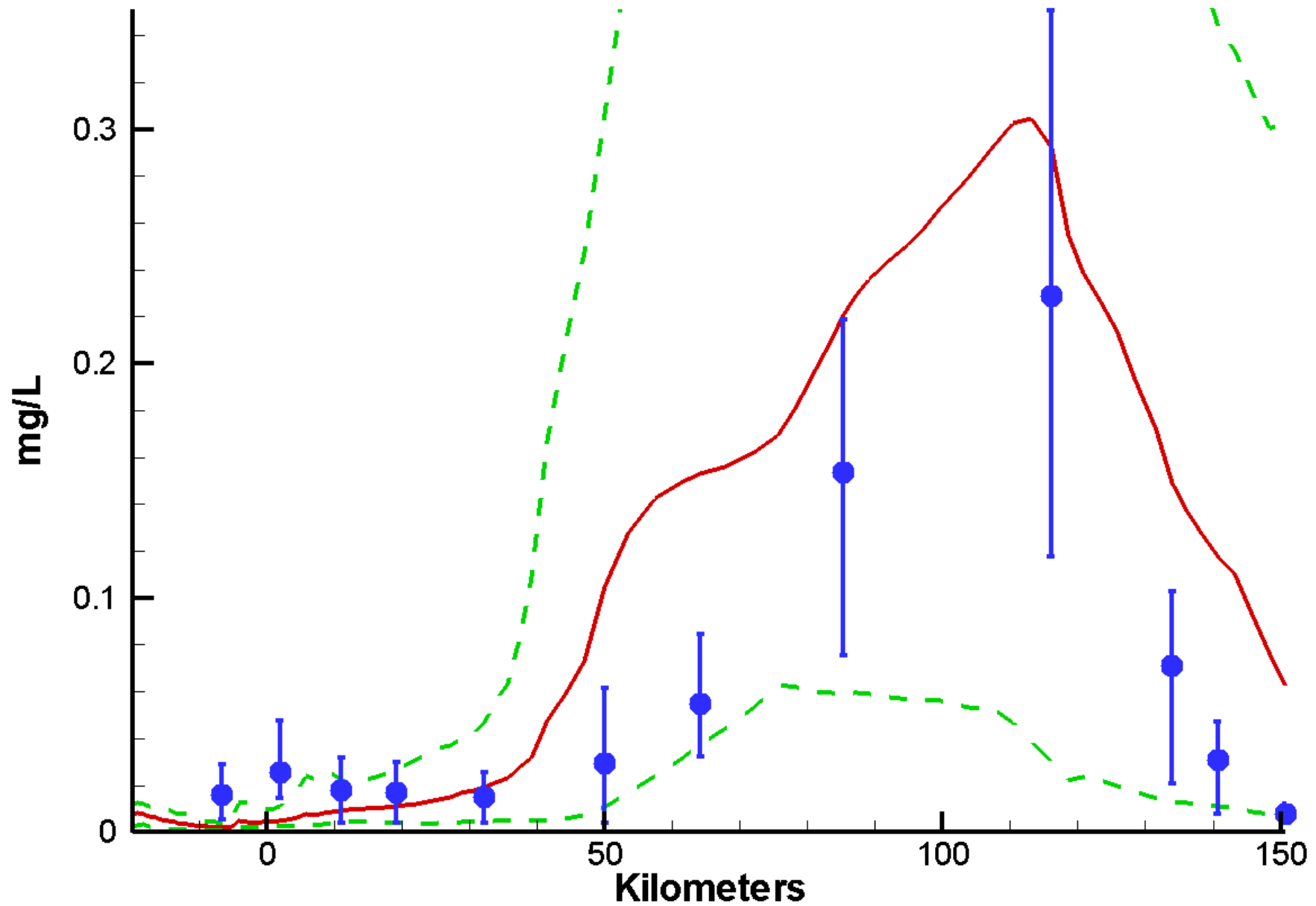
# James River Ches2015 Run118

## Surface Light Extinction Winter 1999

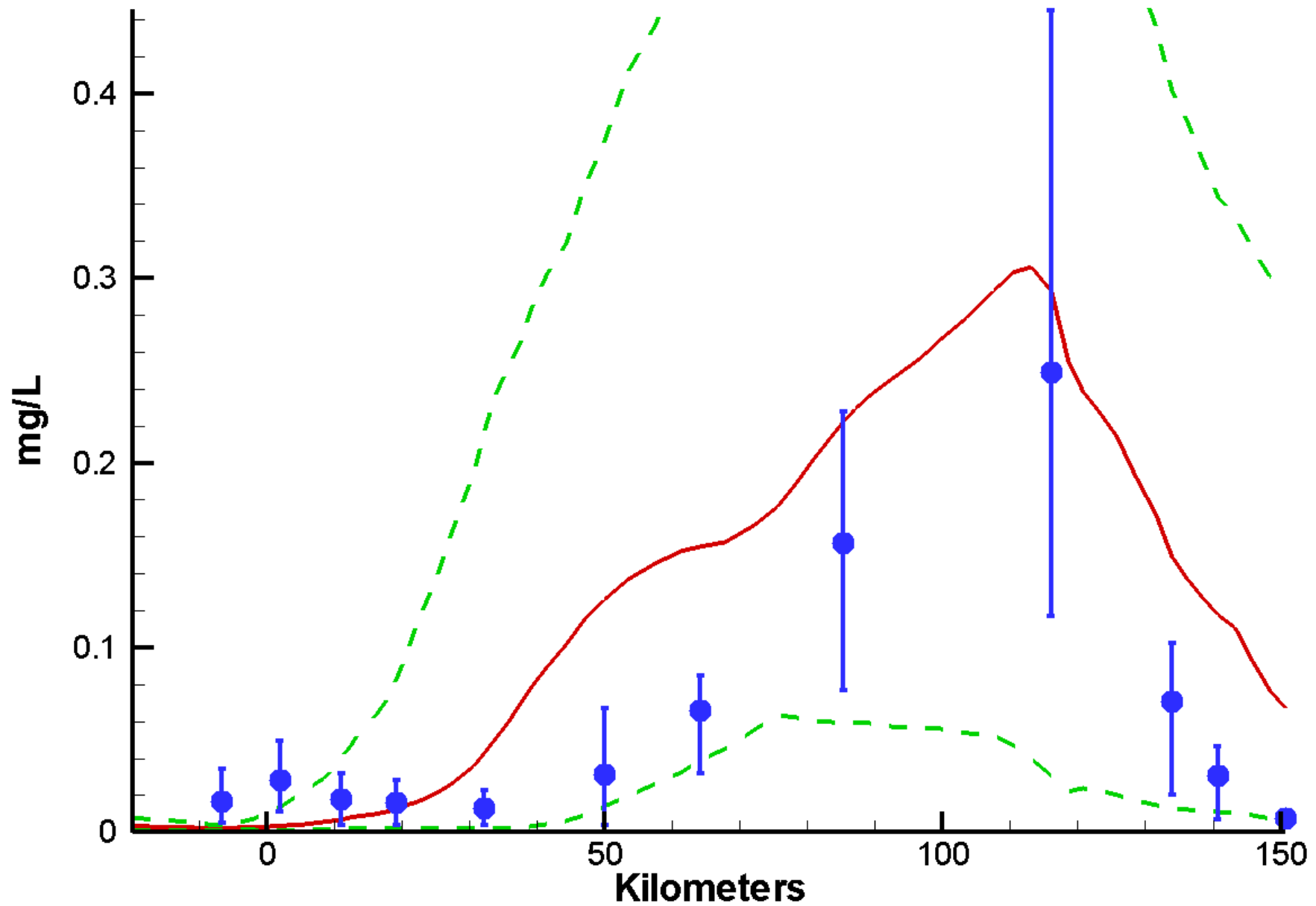


# James River Ches2015 Run118

## Bottom Ammonium Winter 1999

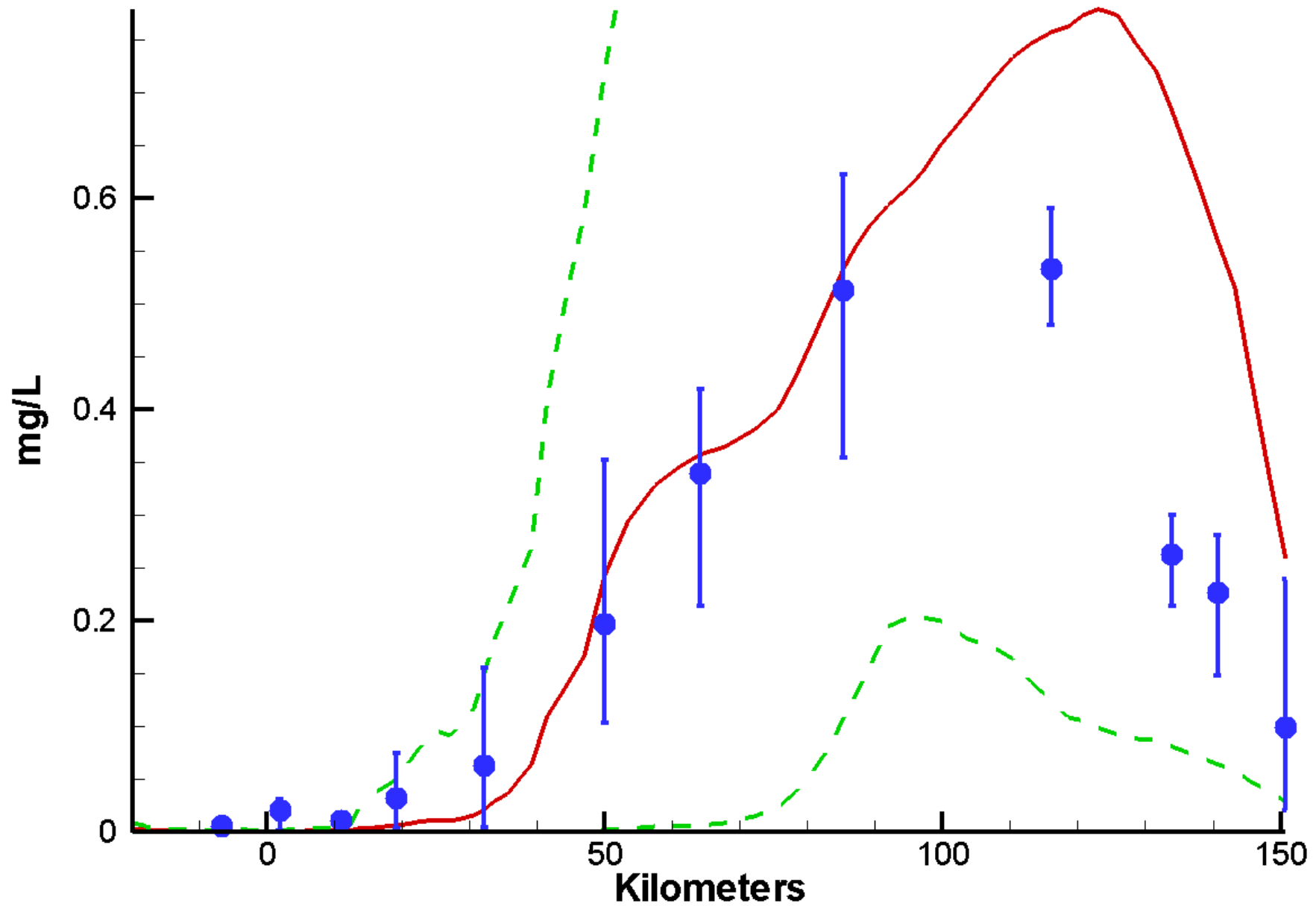


# James River Ches2015 Run118 Surface Ammonium Winter 1999



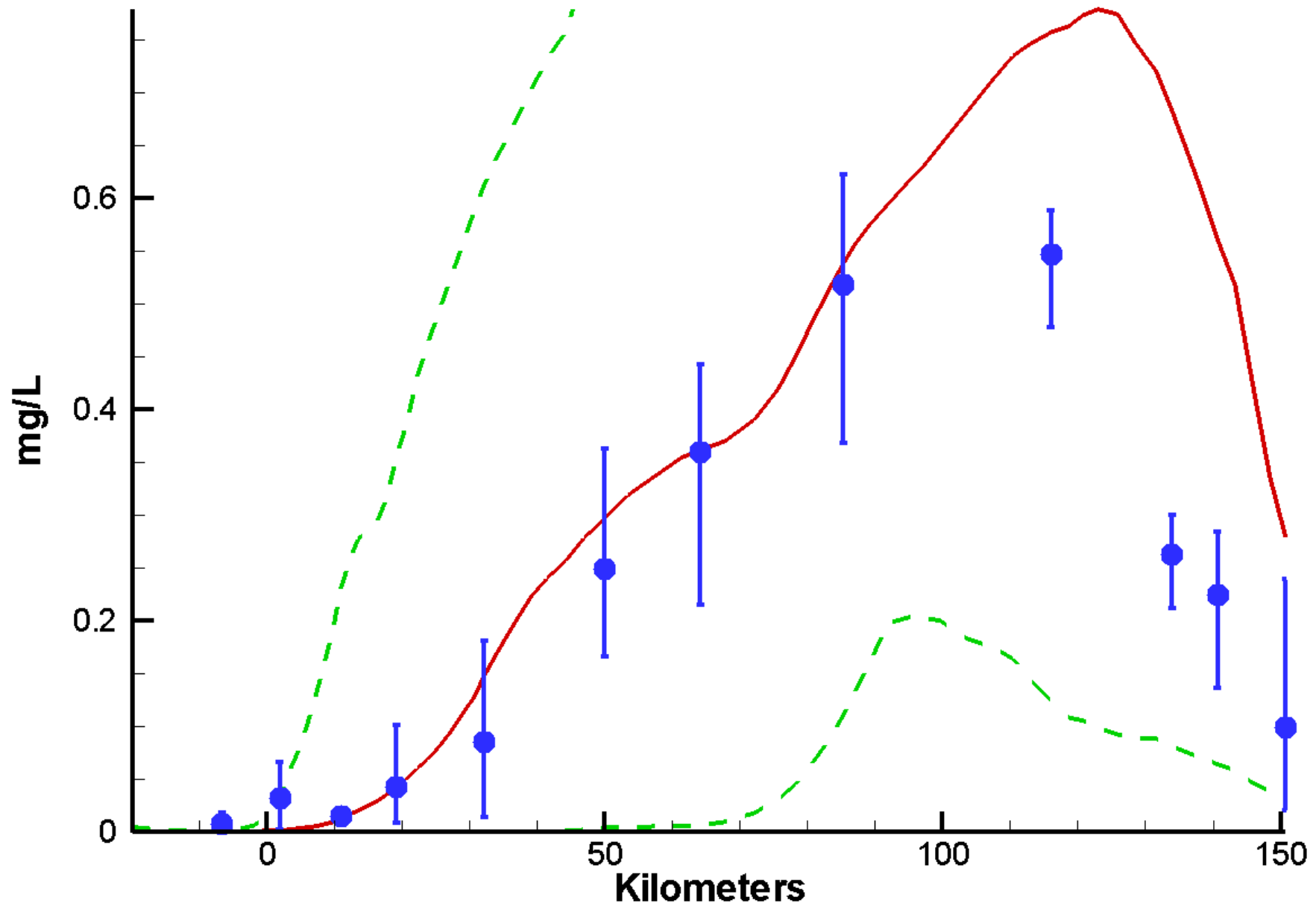
# James River Ches2015 Run118

## Bottom Nitrate Winter 1999



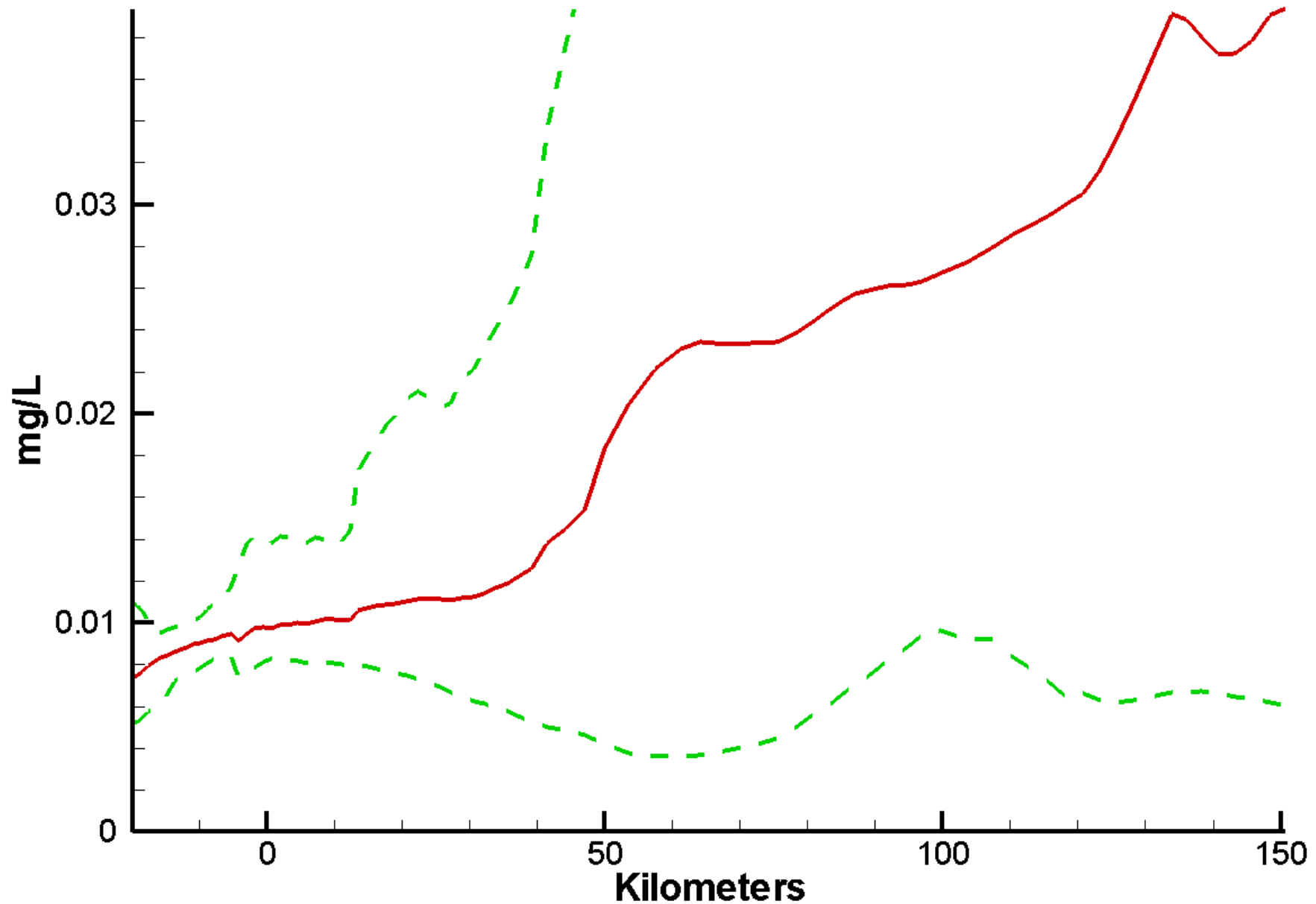
# James River Ches2015 Run118

## Surface Nitrate Winter 1999

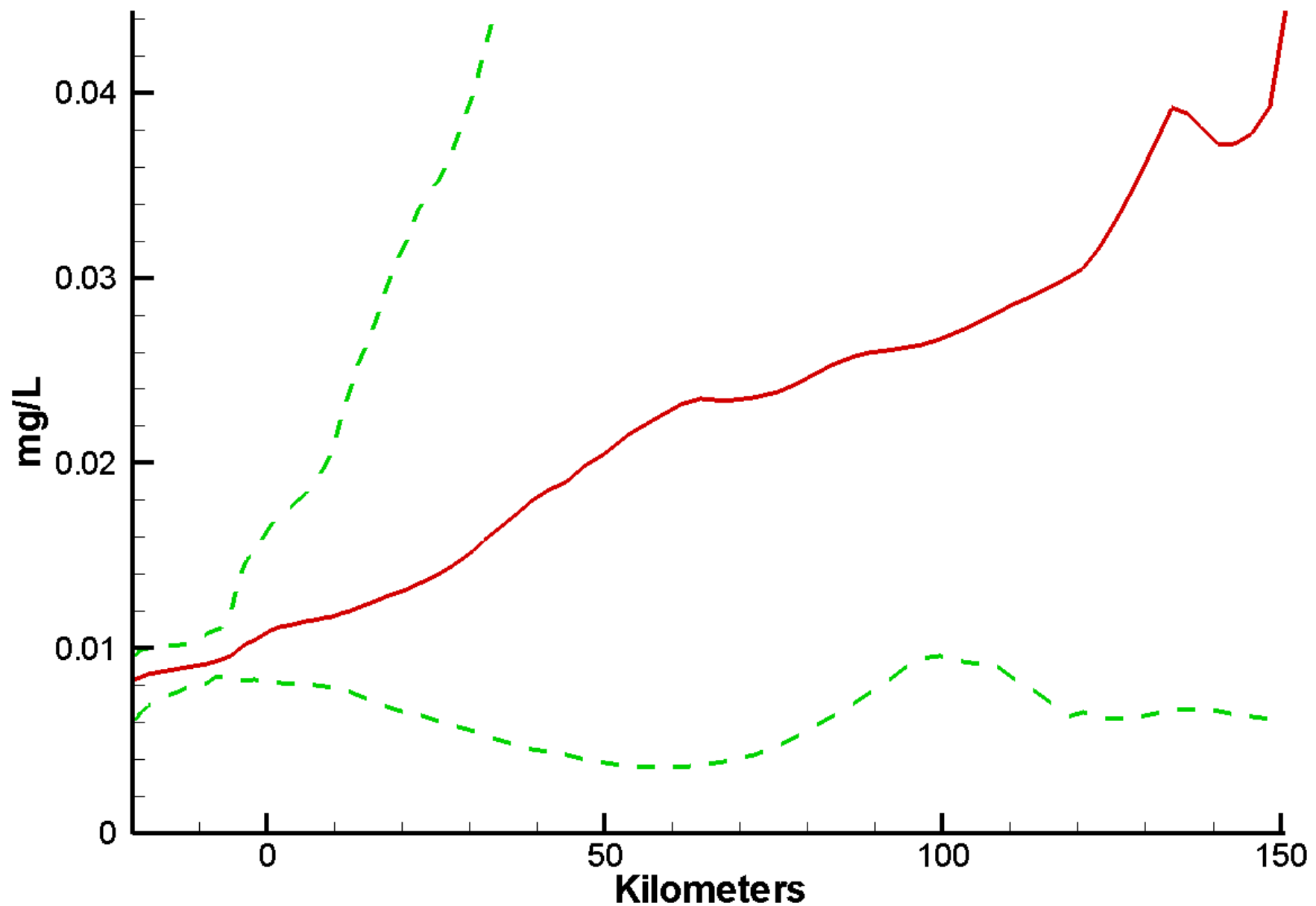


# James River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1999

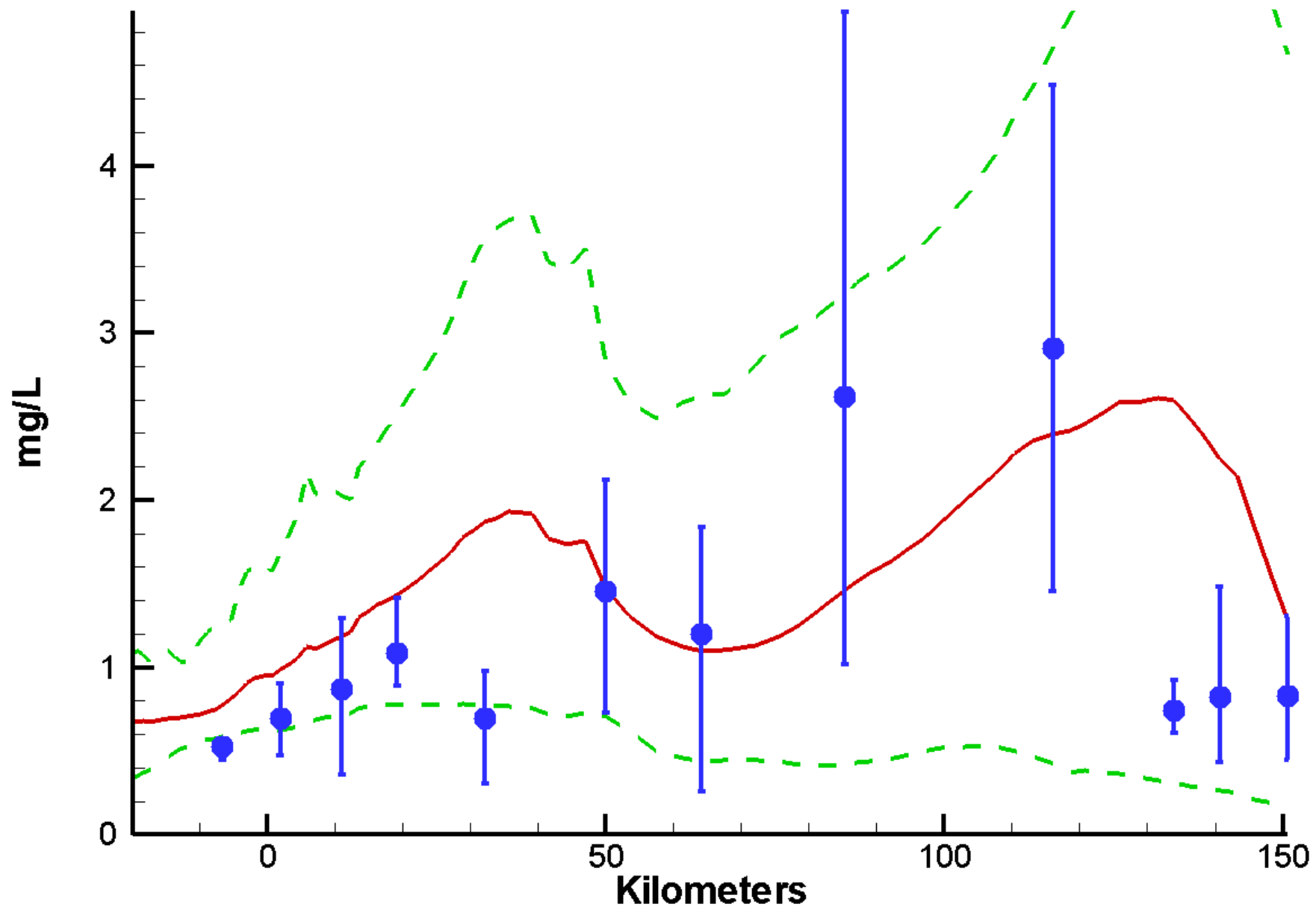


**James River Ches2015 Run118**  
**Surface Particulate Inorganic Phosphorus Winter 1999**



# James River Ches2015 Run118

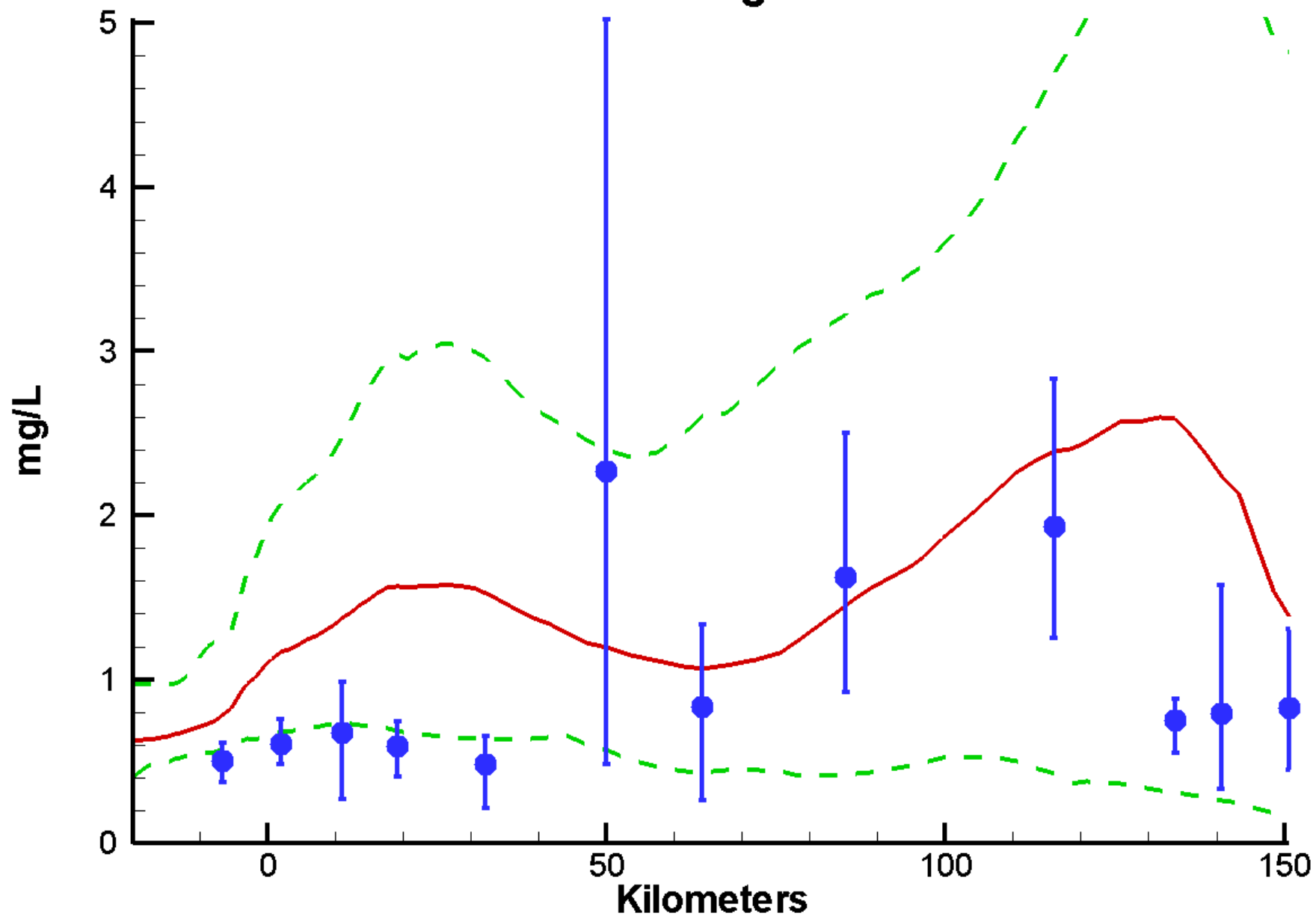
## Bottom Particulate Organic Carbon Winter 1999





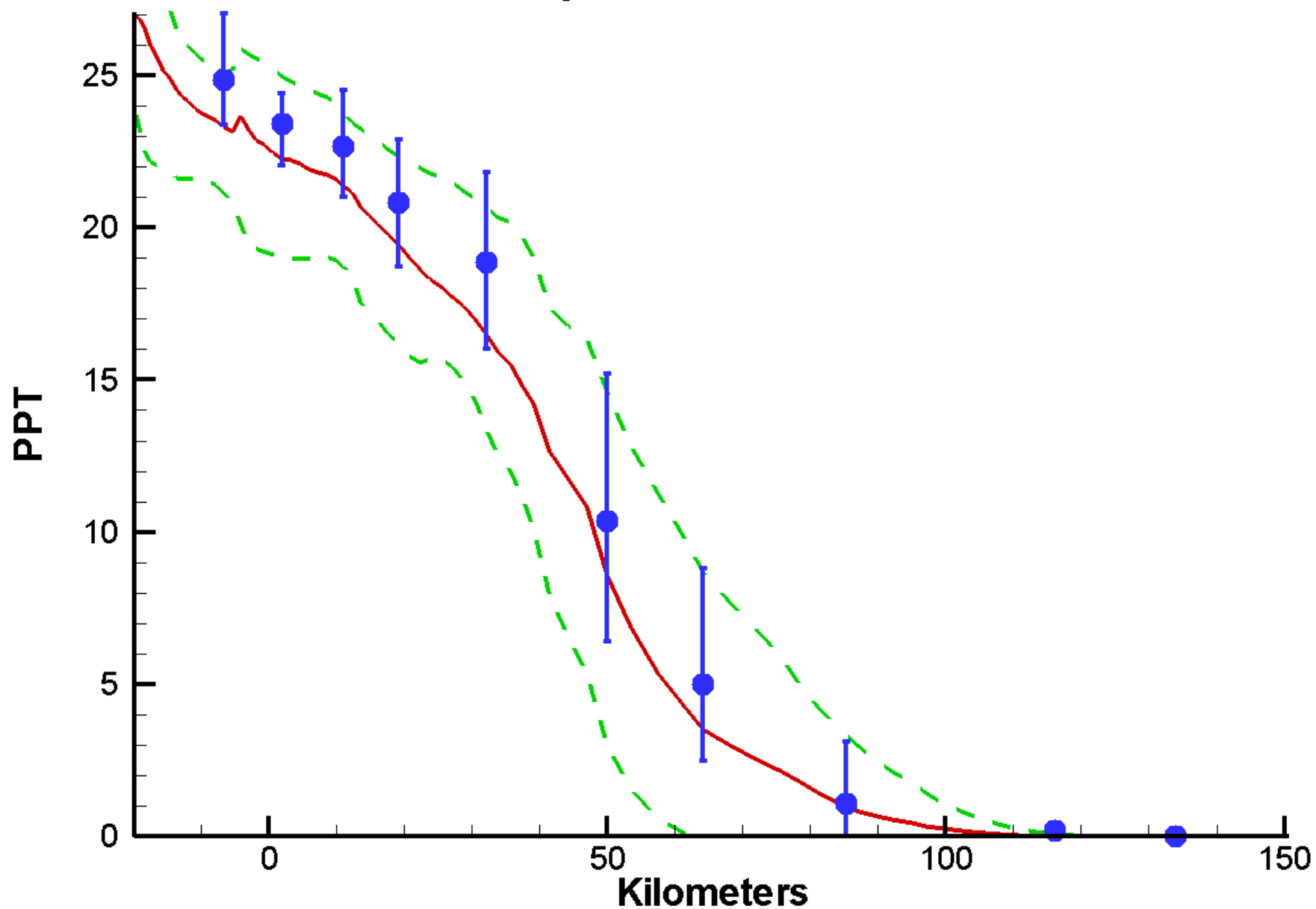
# James River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1999



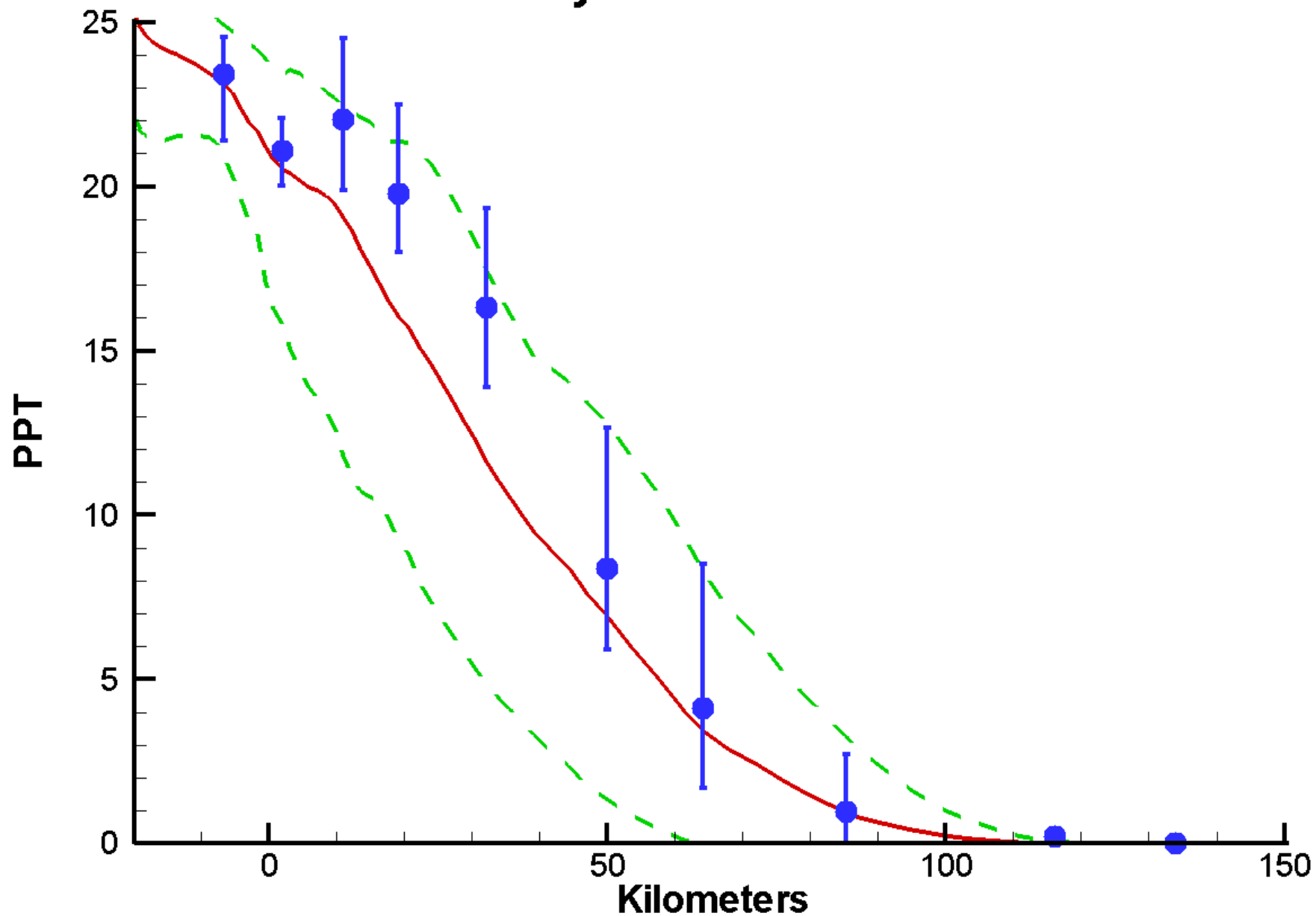
# James River Ches2015 Run118

## Bottom Salinity Winter 1999



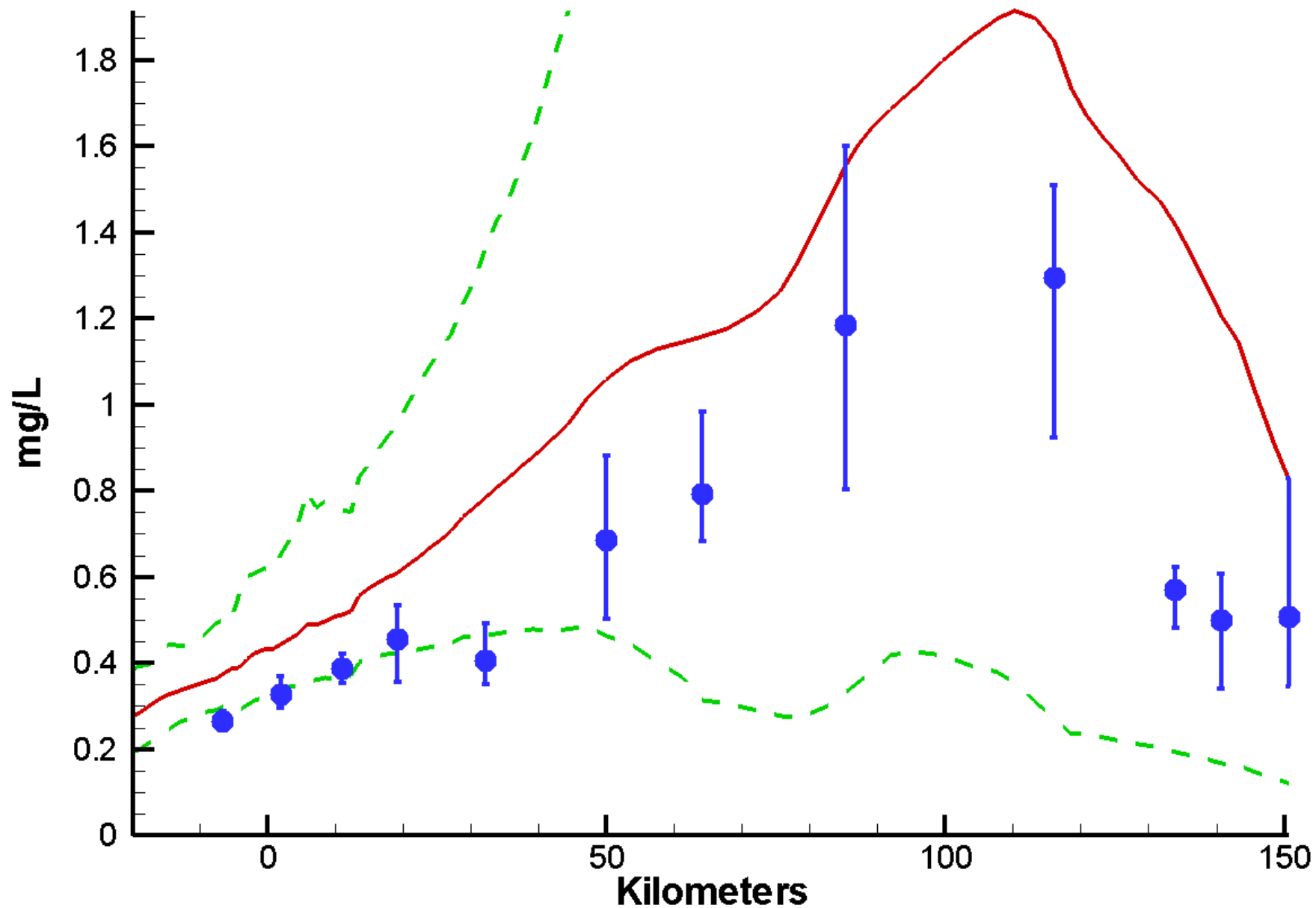
# James River Ches2015 Run118

## Surface Salinity Winter 1999



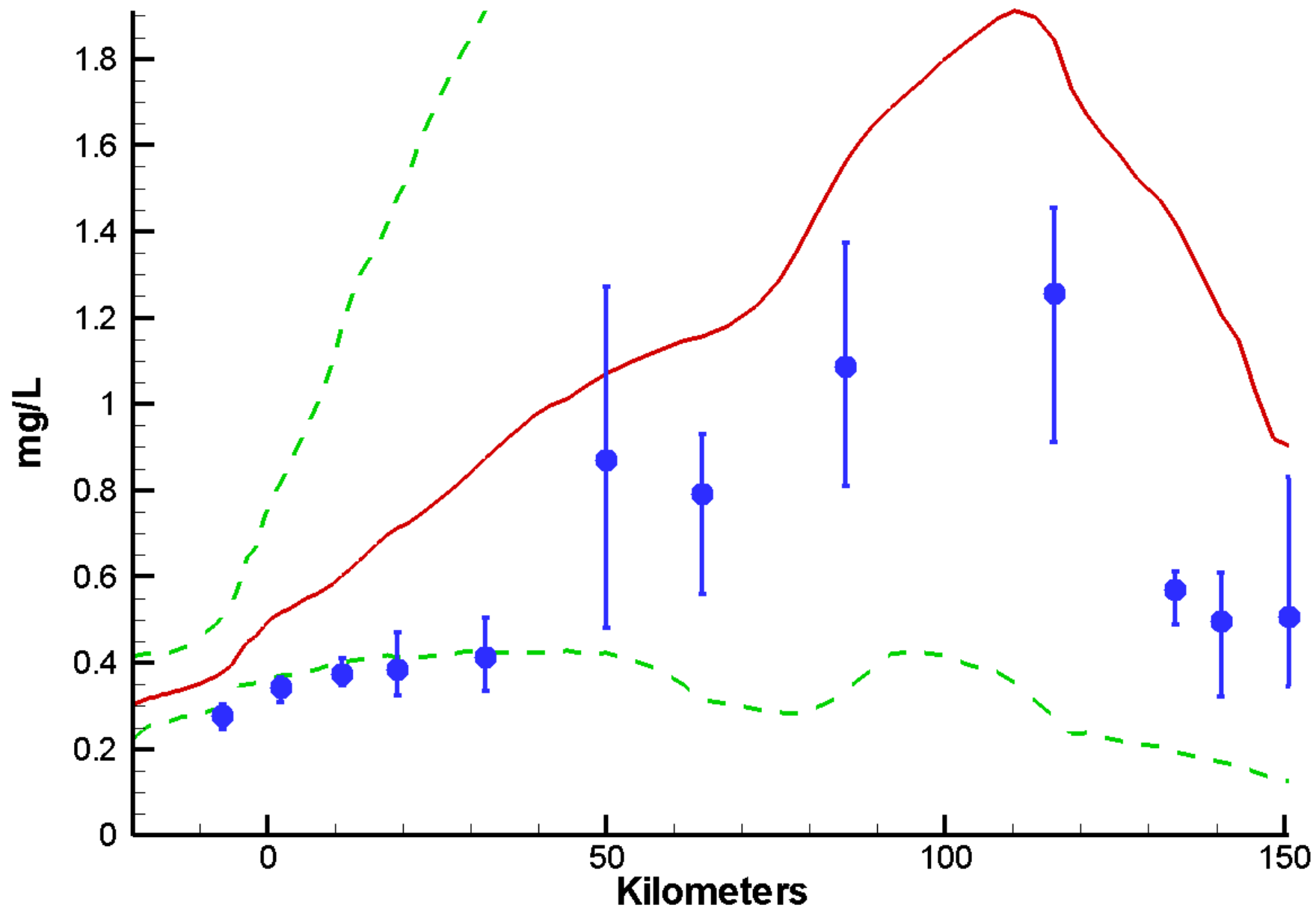
# James River Ches2015 Run118

## Bottom Total Nitrogen Winter 1999



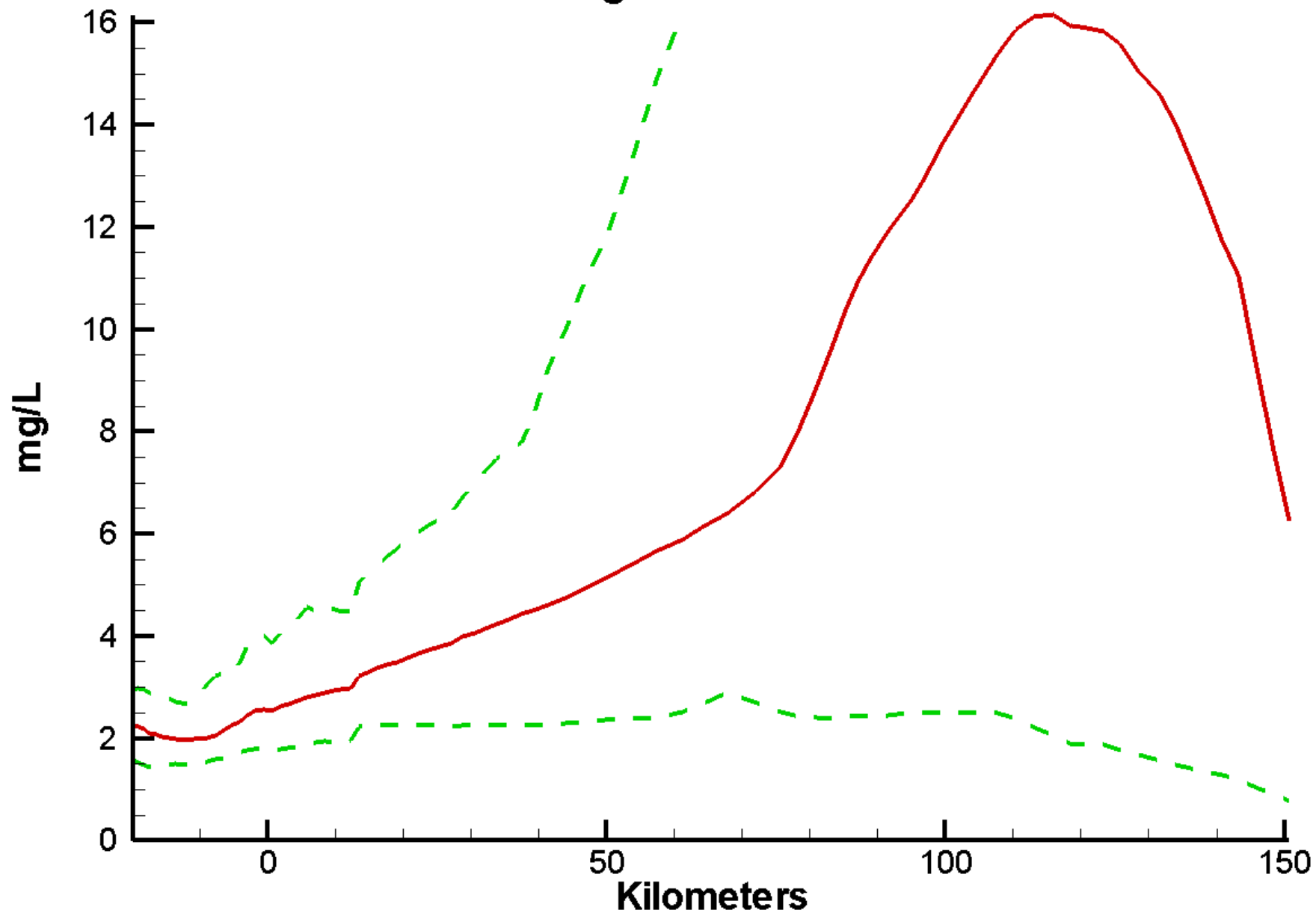
# James River Ches2015 Run118

## Surface Total Nitrogen Winter 1999

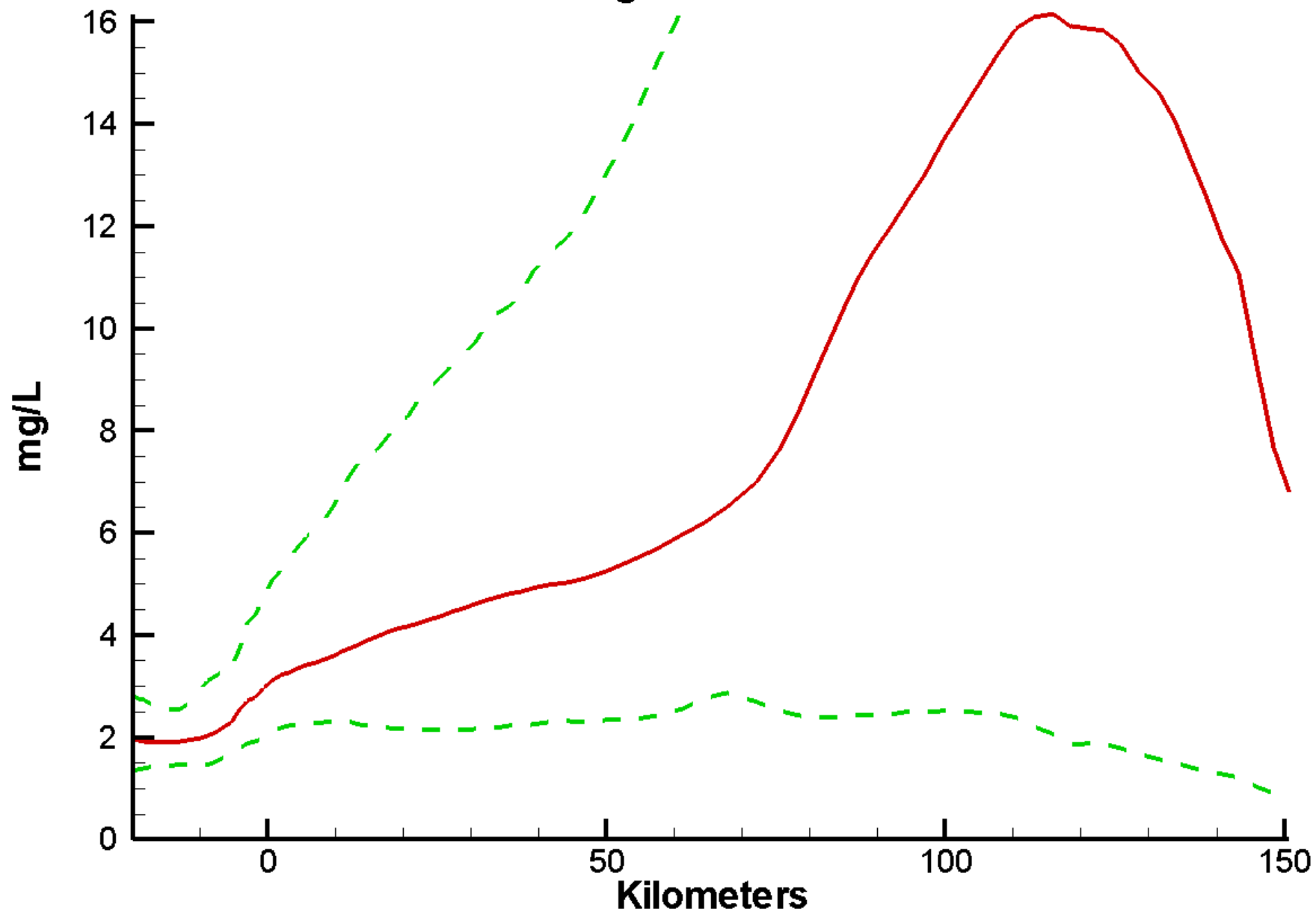


# James River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1999

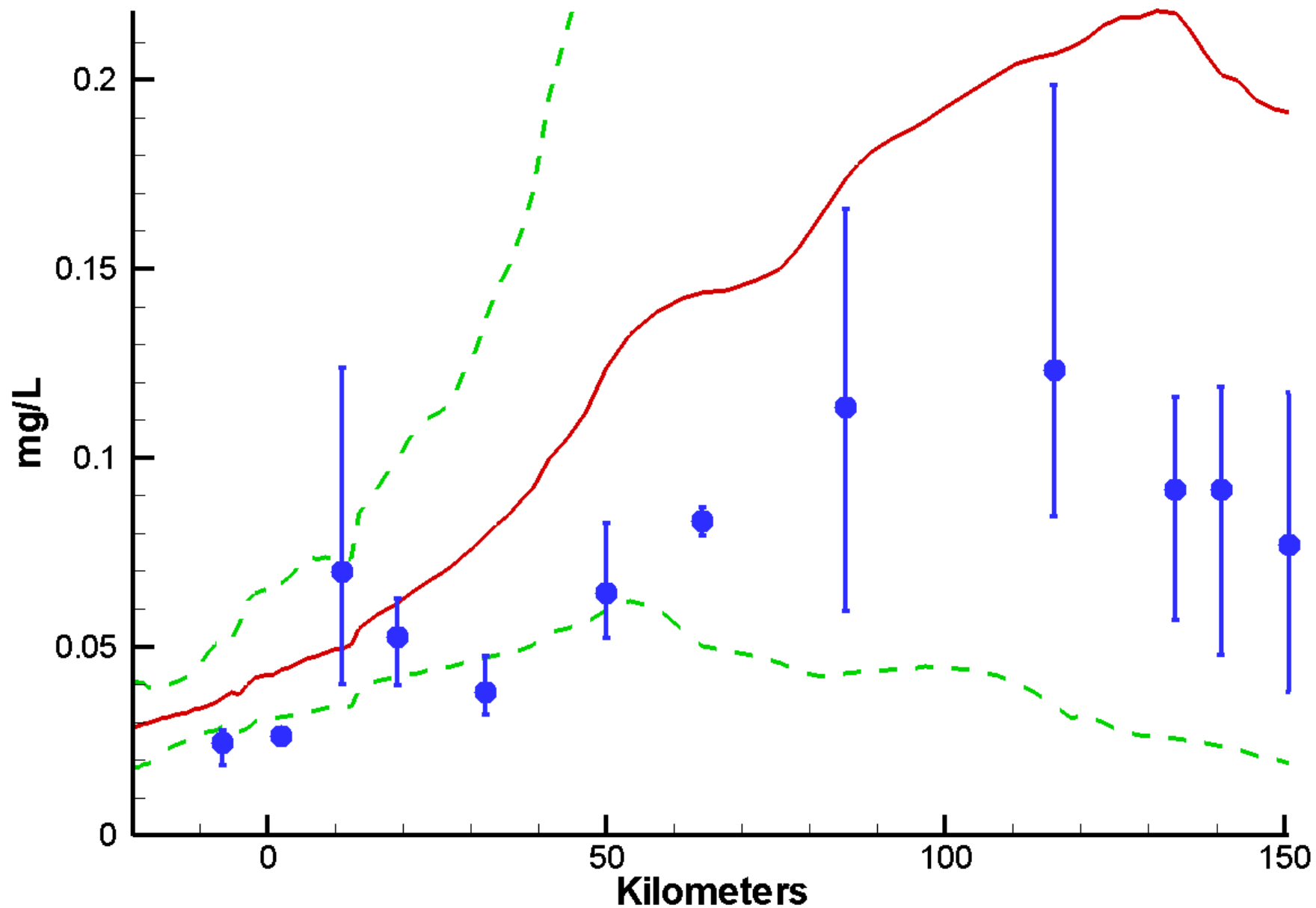


**James River Ches2015 Run118**  
**Surface Total Organic Carbon Winter 1999**



# James River Ches2015 Run118

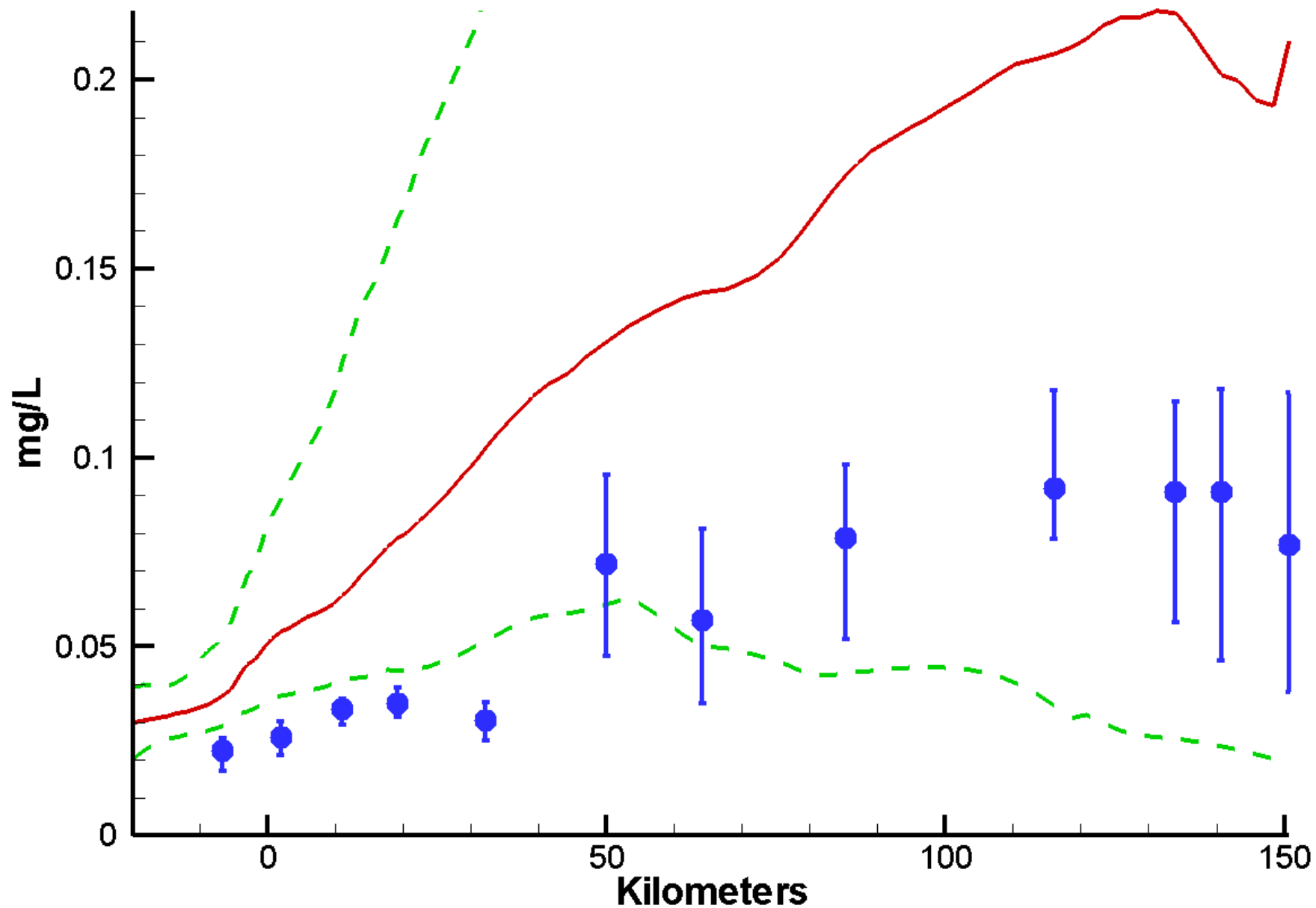
## Bottom Total Phosphorus Winter 1999





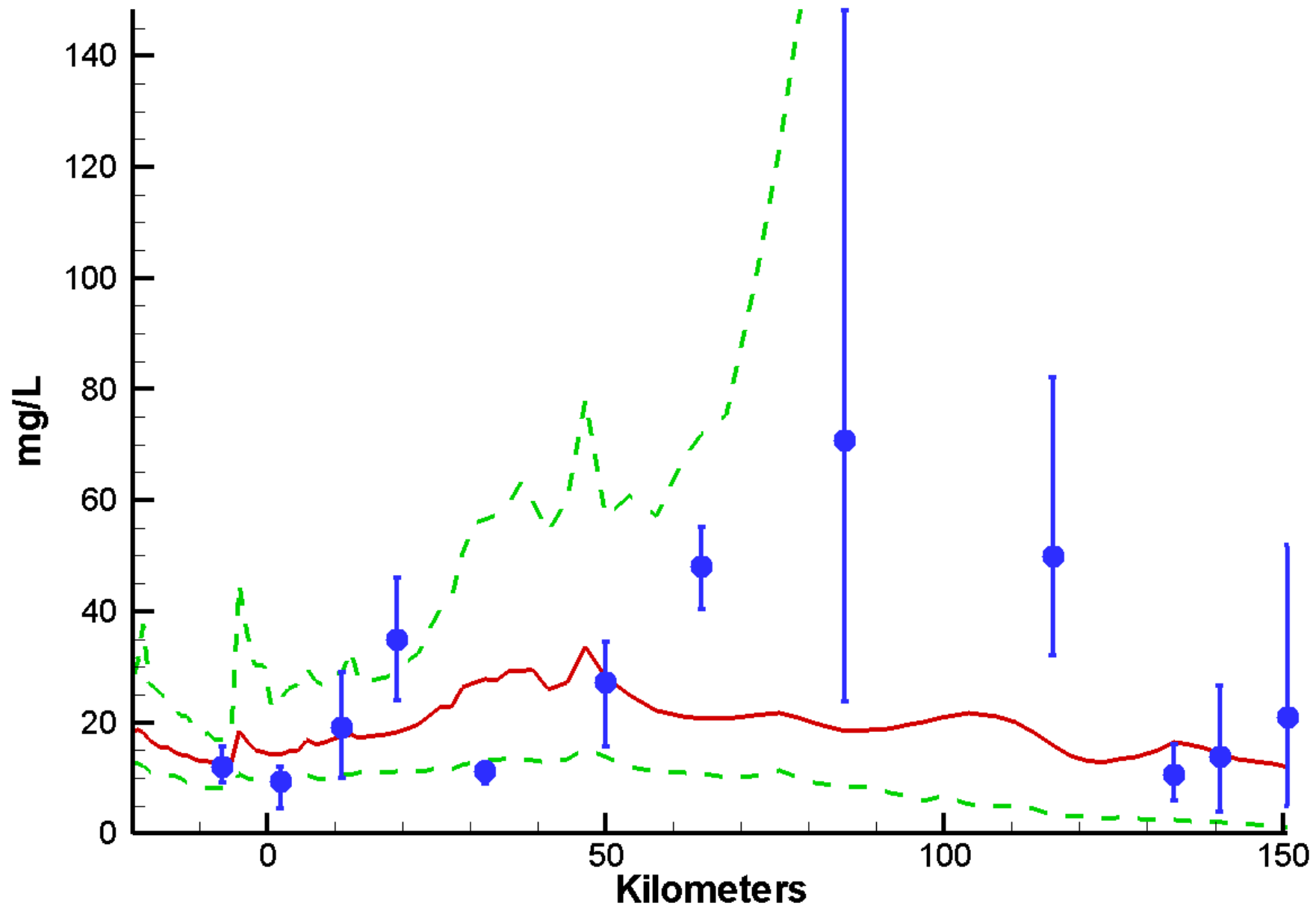
# James River Ches2015 Run118

## Surface Total Phosphorus Winter 1999



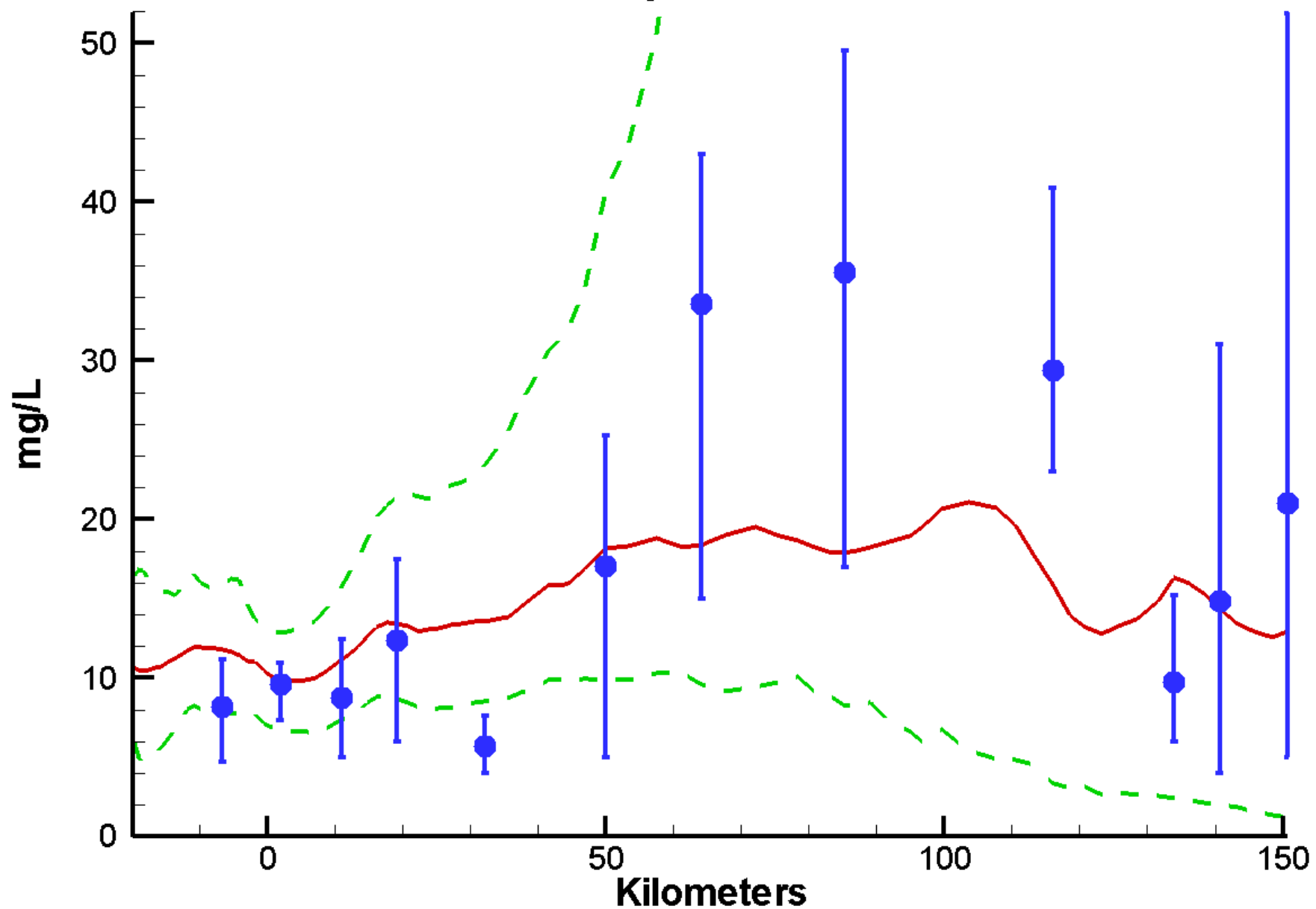
# James River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1999



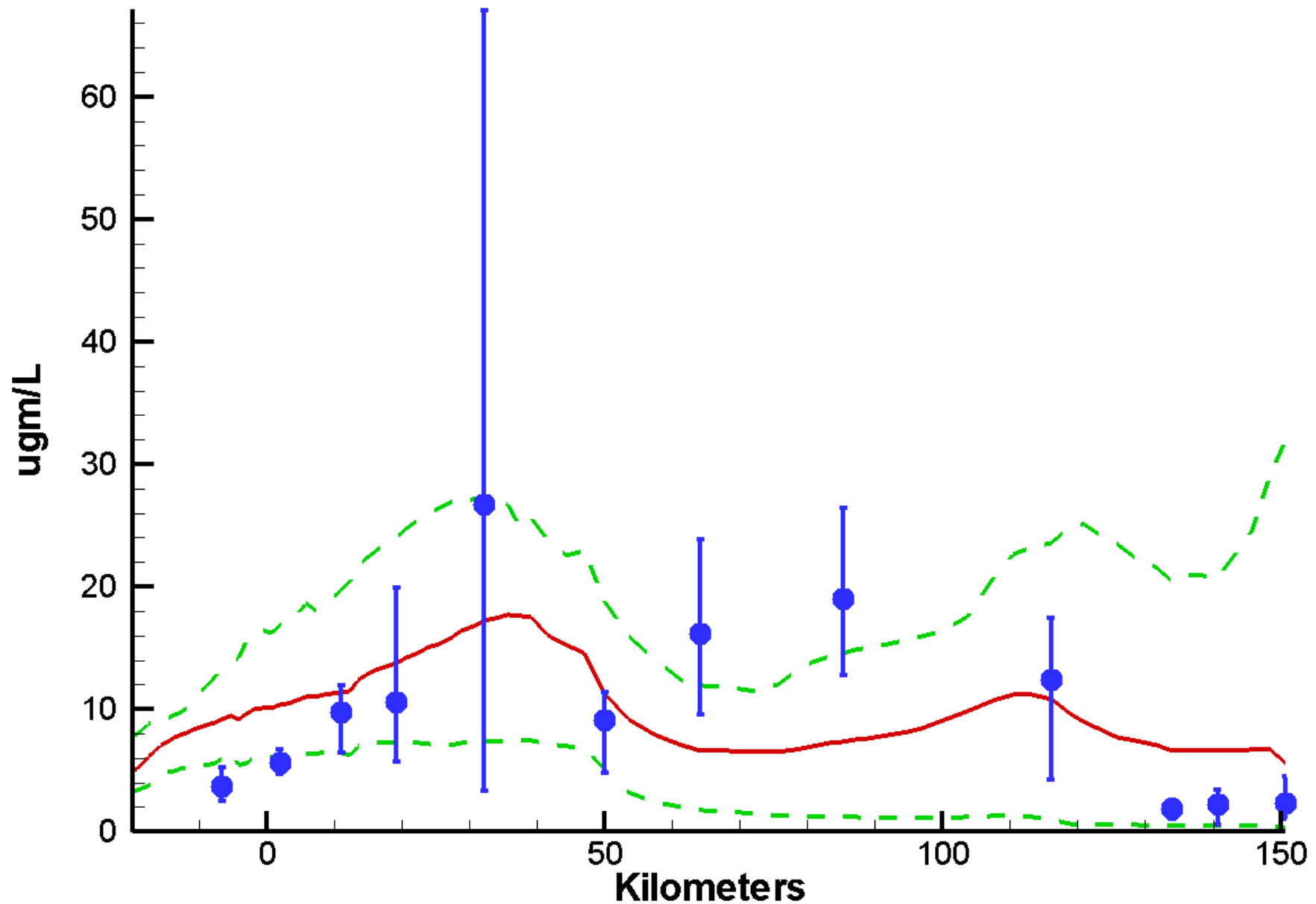
# James River Ches2015 Run118

## Surface Total Suspended Solids Winter 1999



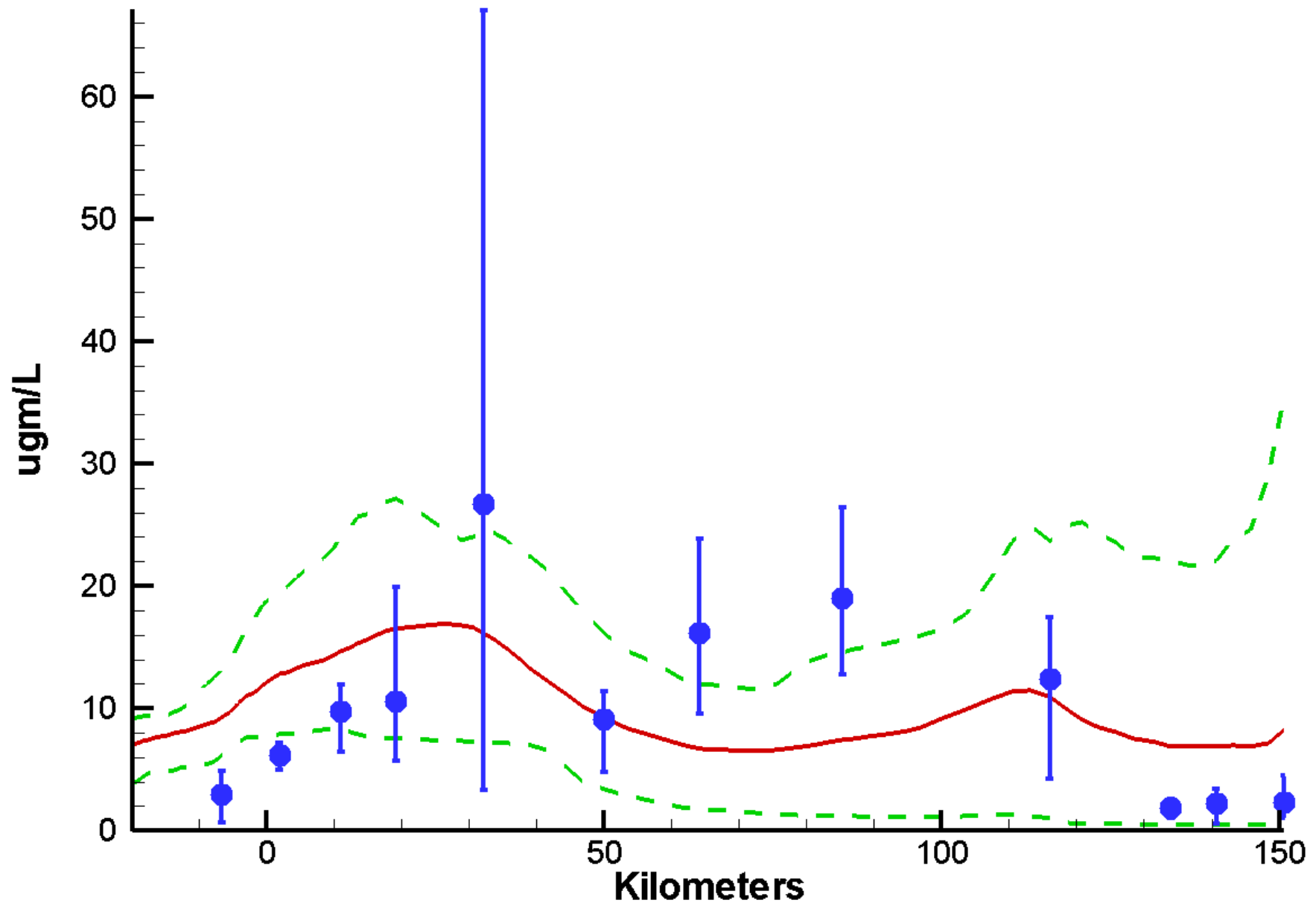
# James River Ches2015 Run118

## Bottom Chlorophyll Spring 1999



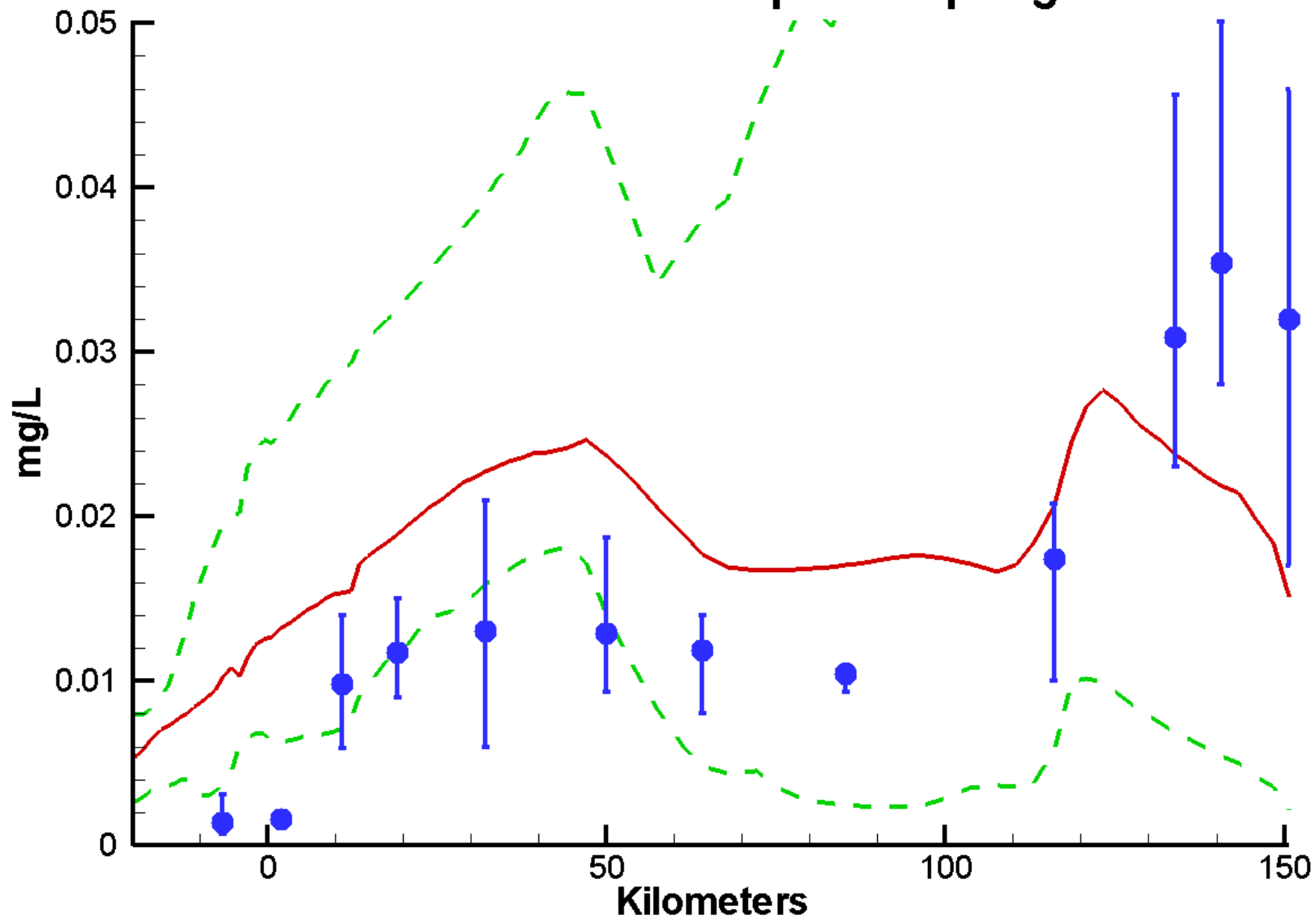
# James River Ches2015 Run118

## Surface Chlorophyll Spring 1999



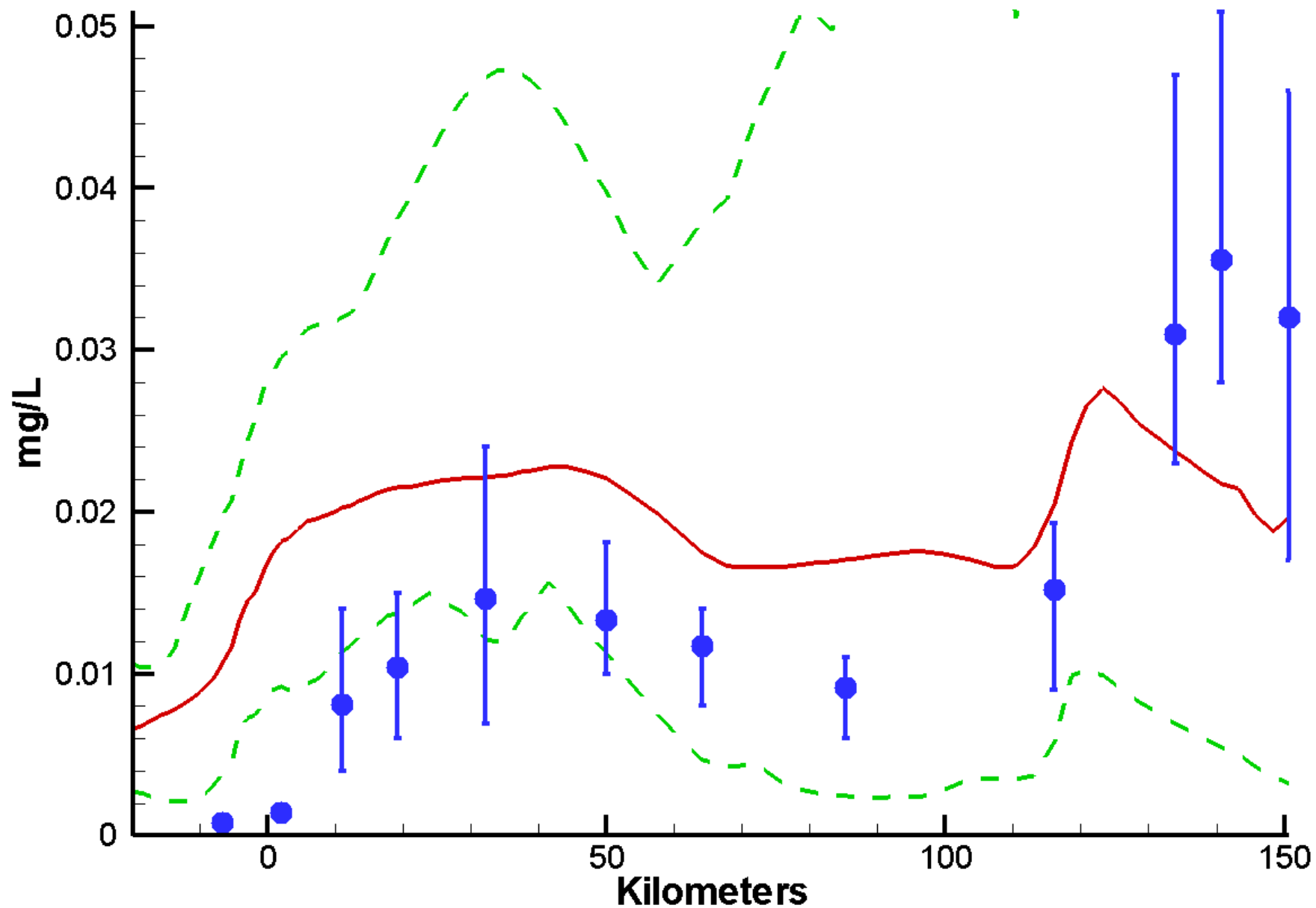
# James River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1999

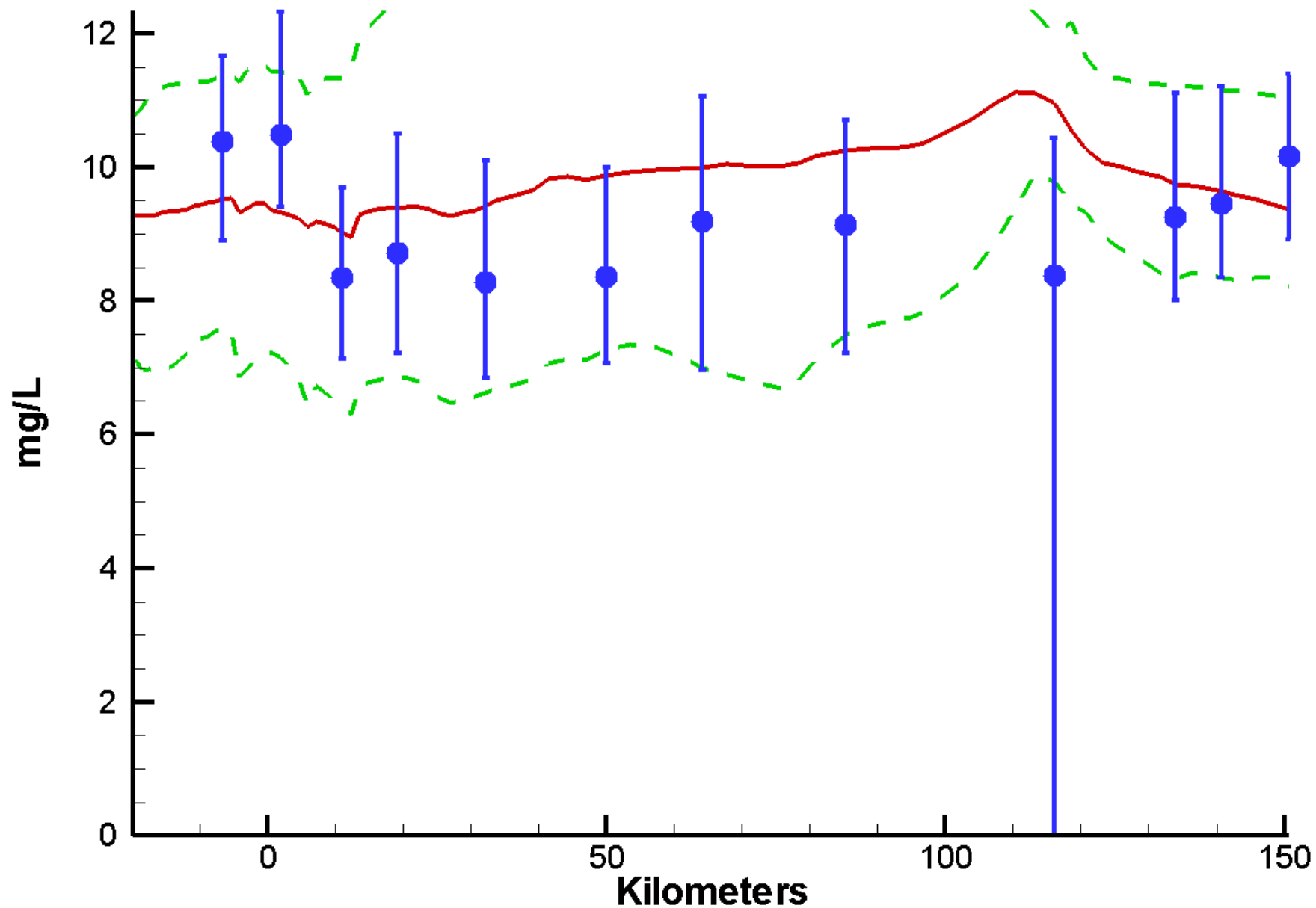


# James River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1999



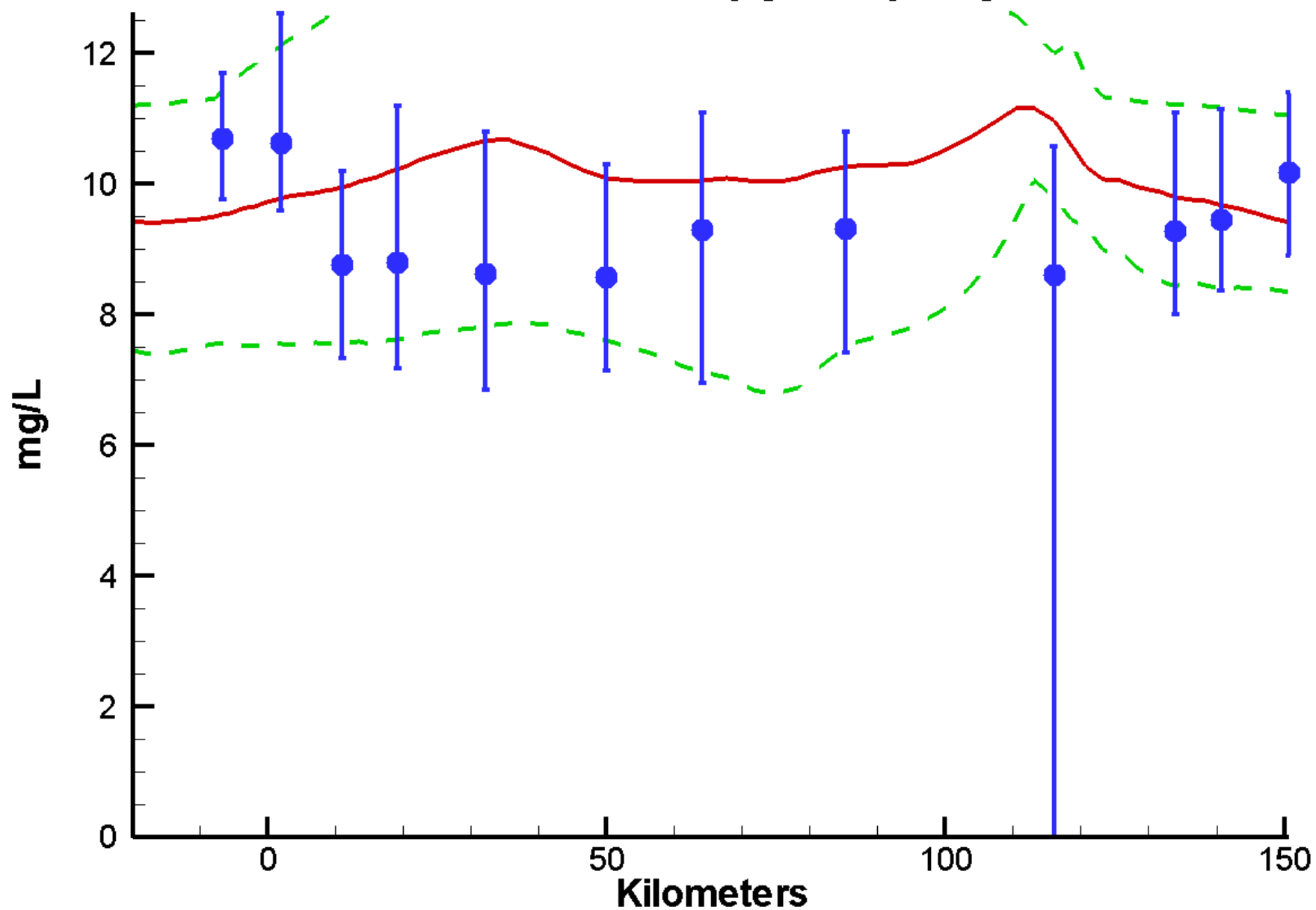
# James River Ches2015 Run118 Bottom Dissolved Oxygen Spring 1999





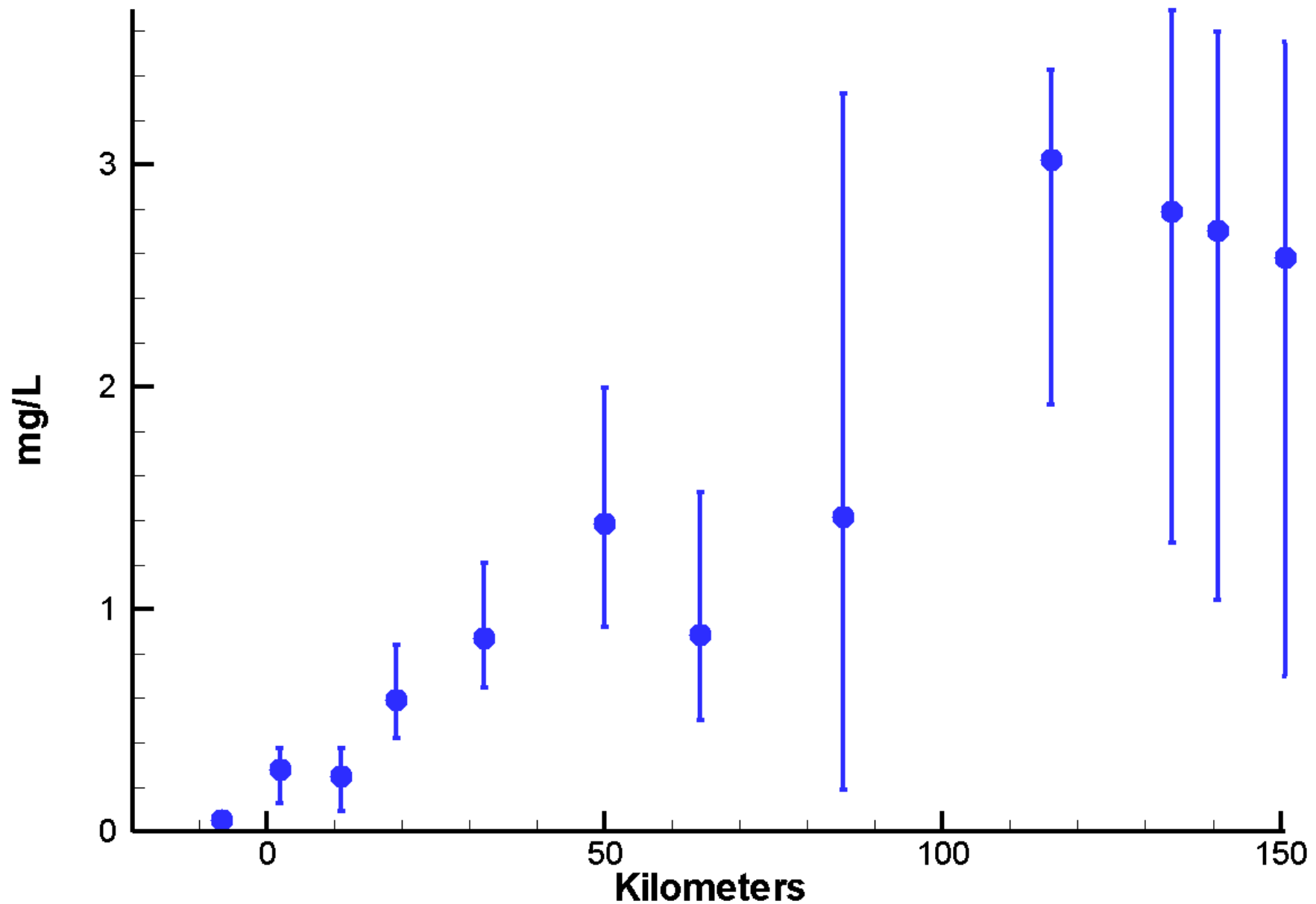
# James River Ches2015 Run118

## Surface Dissolved Oxygen Spring 1999

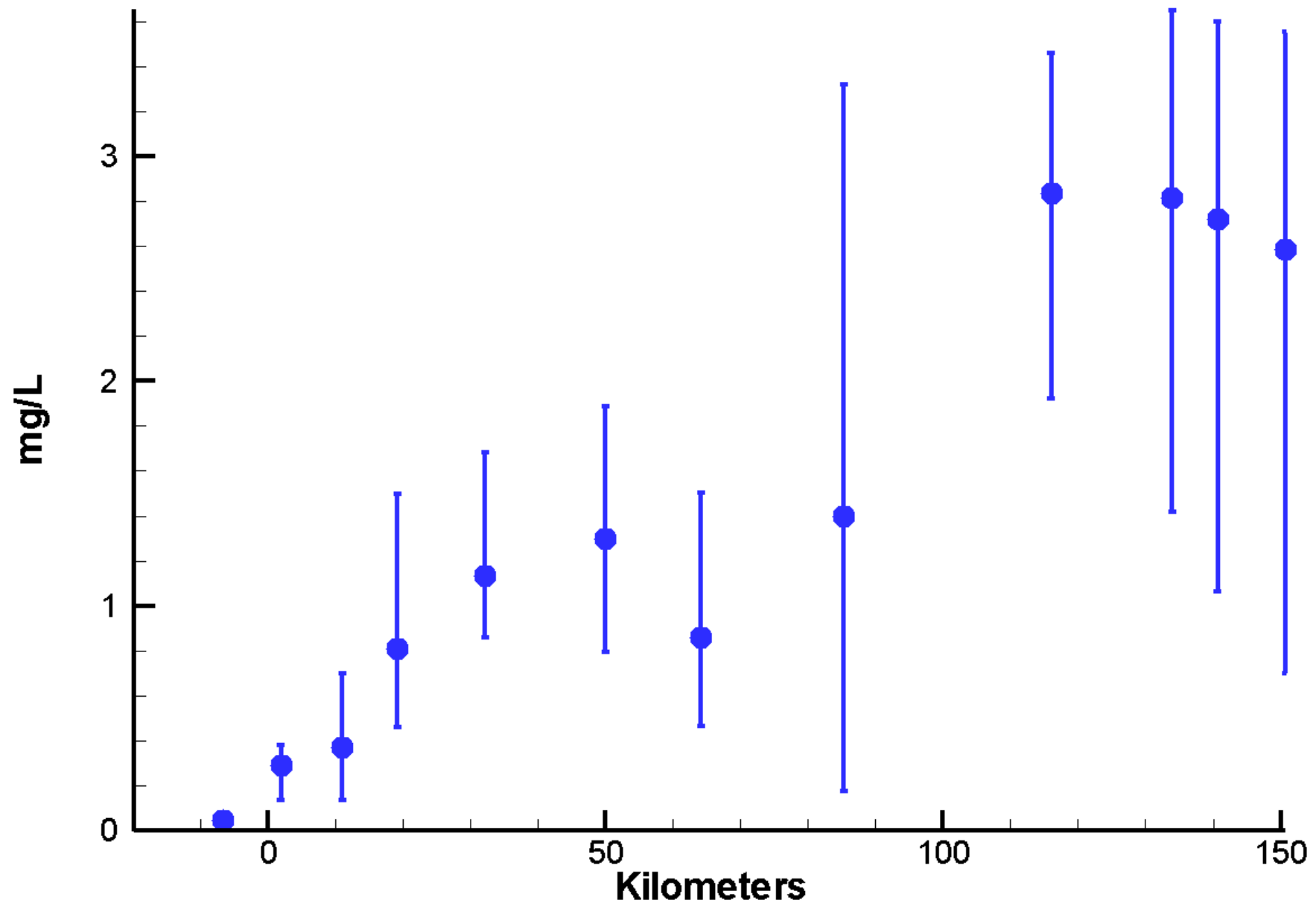


# James River Ches2015 Run118

## Bottom Dissolved Silica Spring 1999

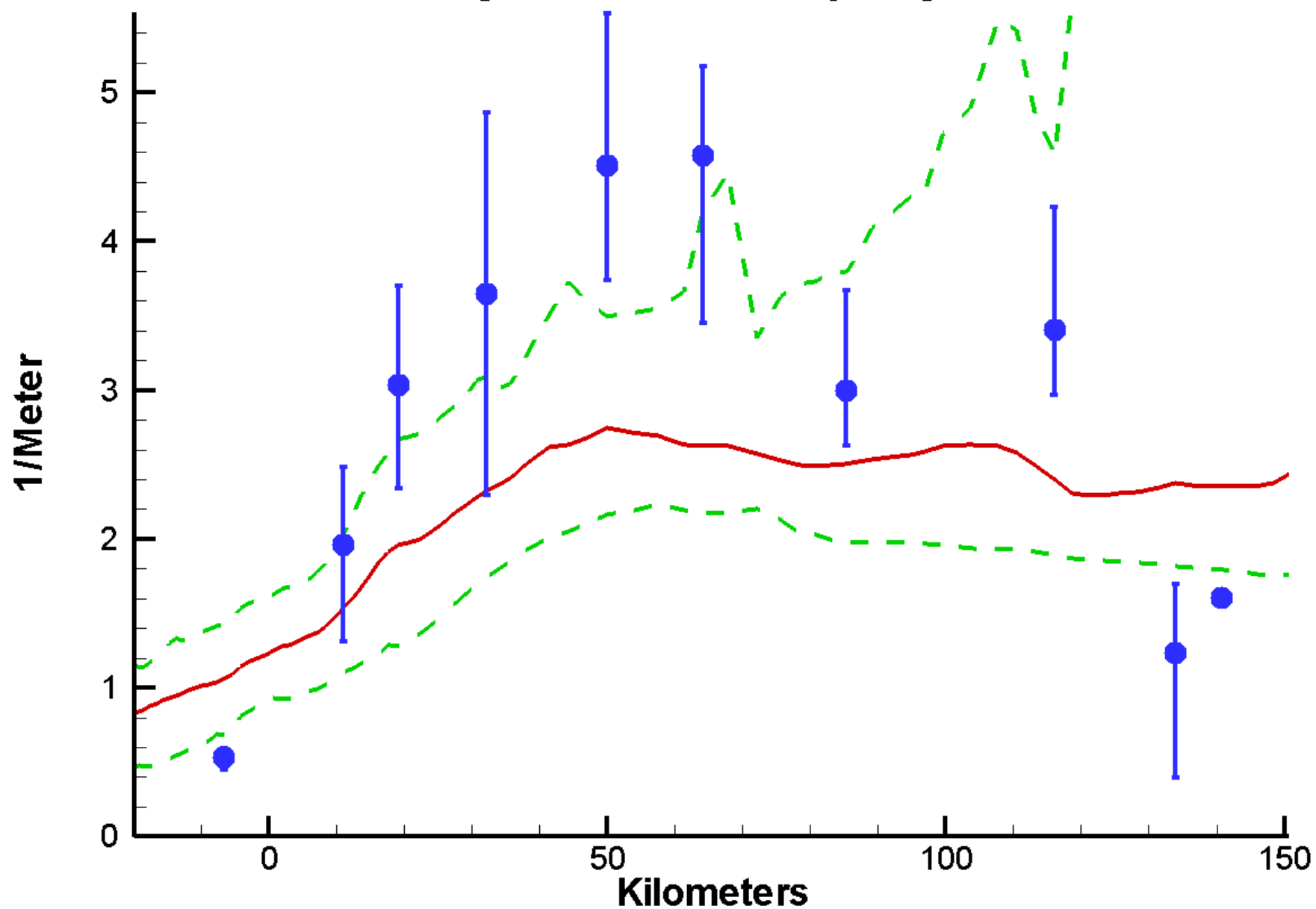


# James River Ches2015 Run118 Surface Dissolved Silica Spring 1999



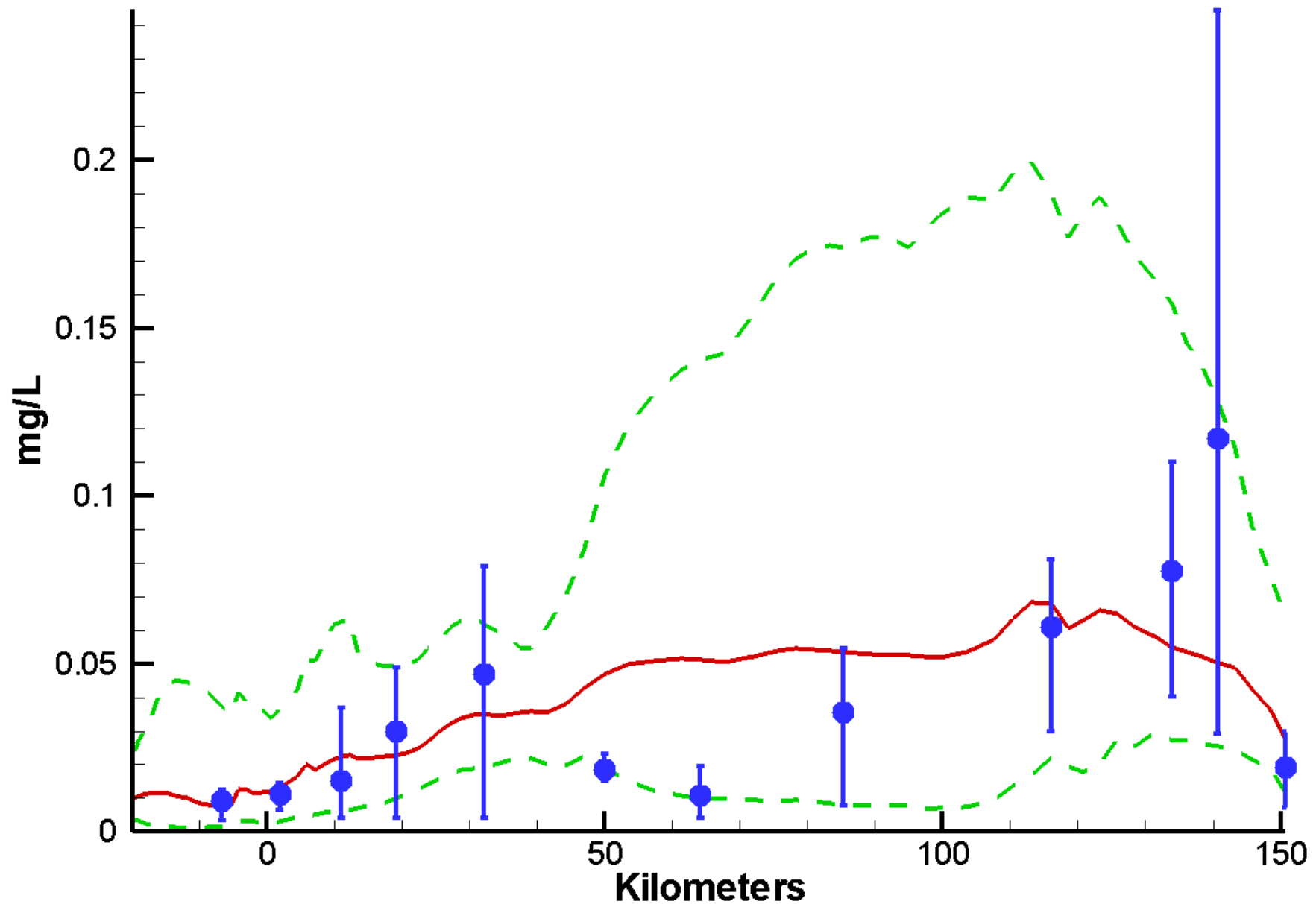
# James River Ches2015 Run118

## Surface Light Extinction Spring 1999

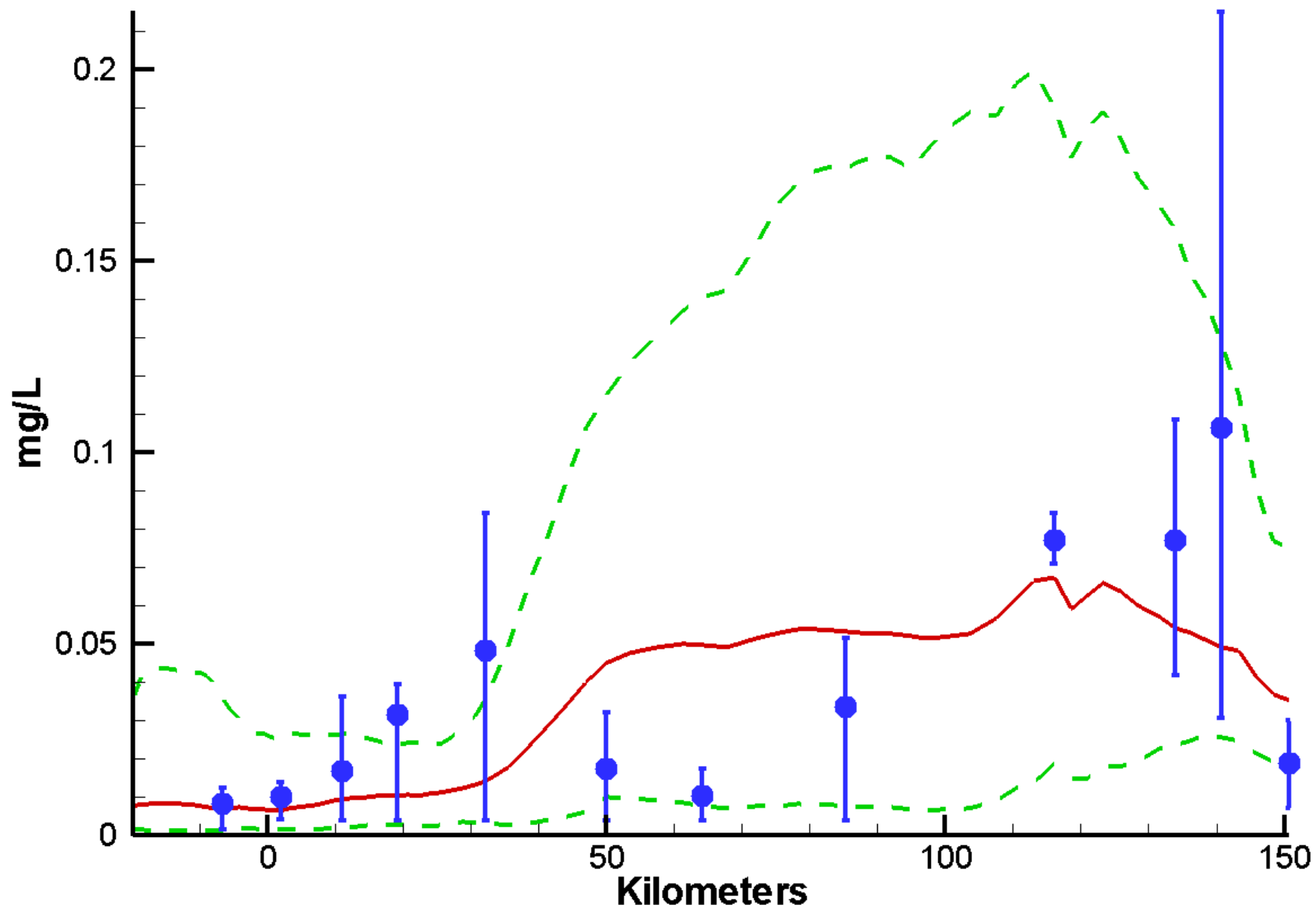


# James River Ches2015 Run118

## Bottom Ammonium Spring 1999

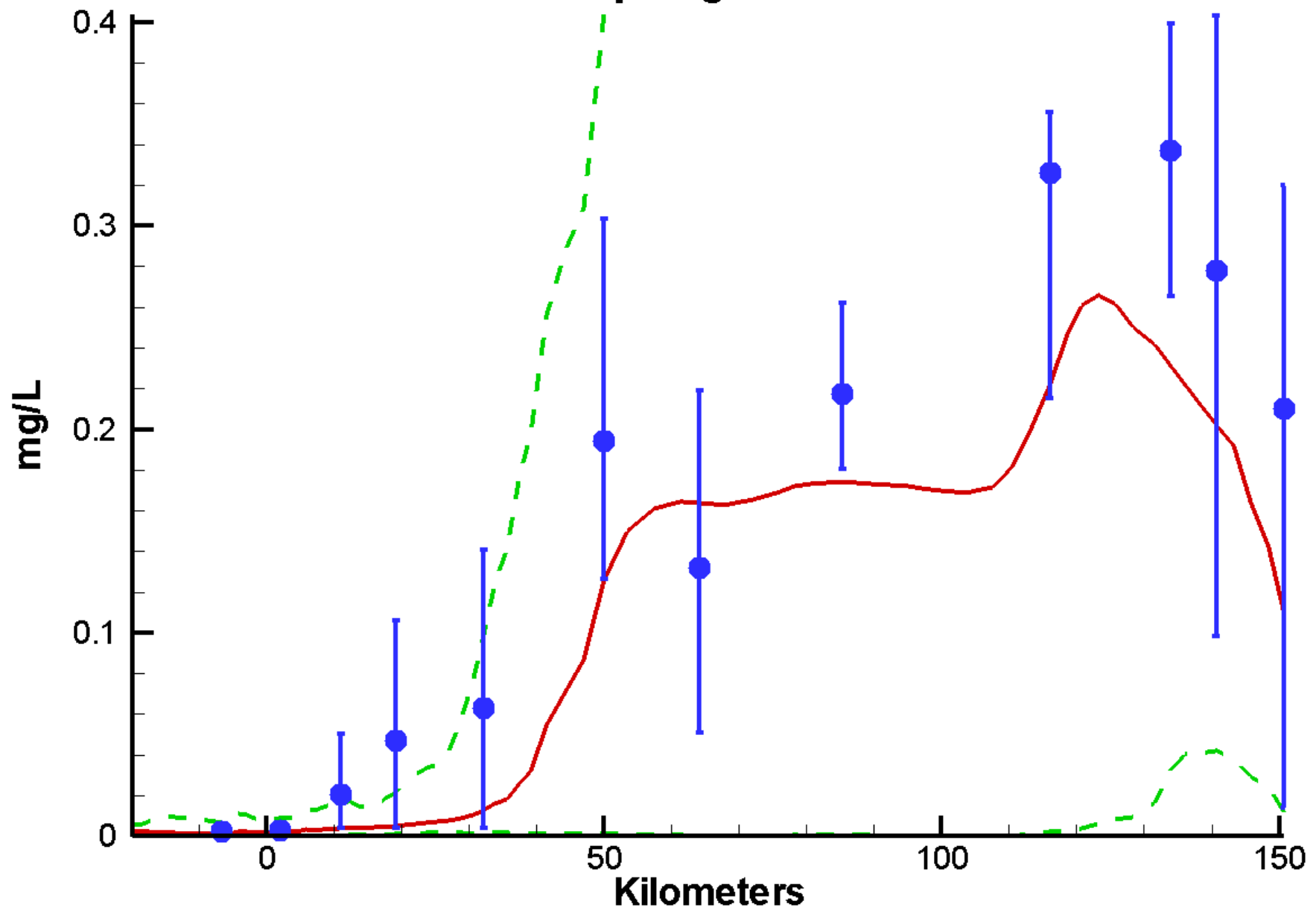


# James River Ches2015 Run118 Surface Ammonium Spring 1999



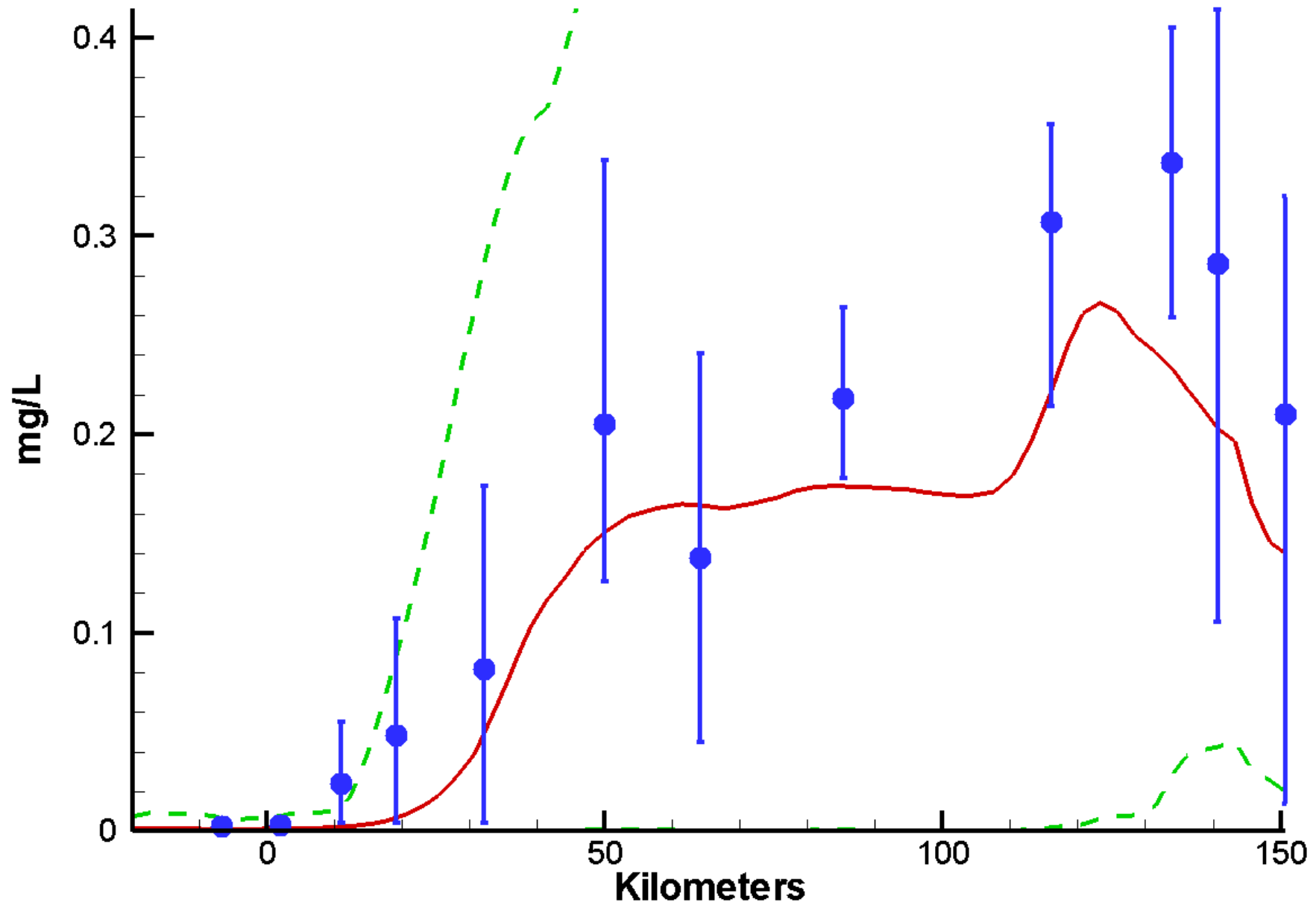
# James River Ches2015 Run118

## Bottom Nitrate Spring 1999



# James River Ches2015 Run118

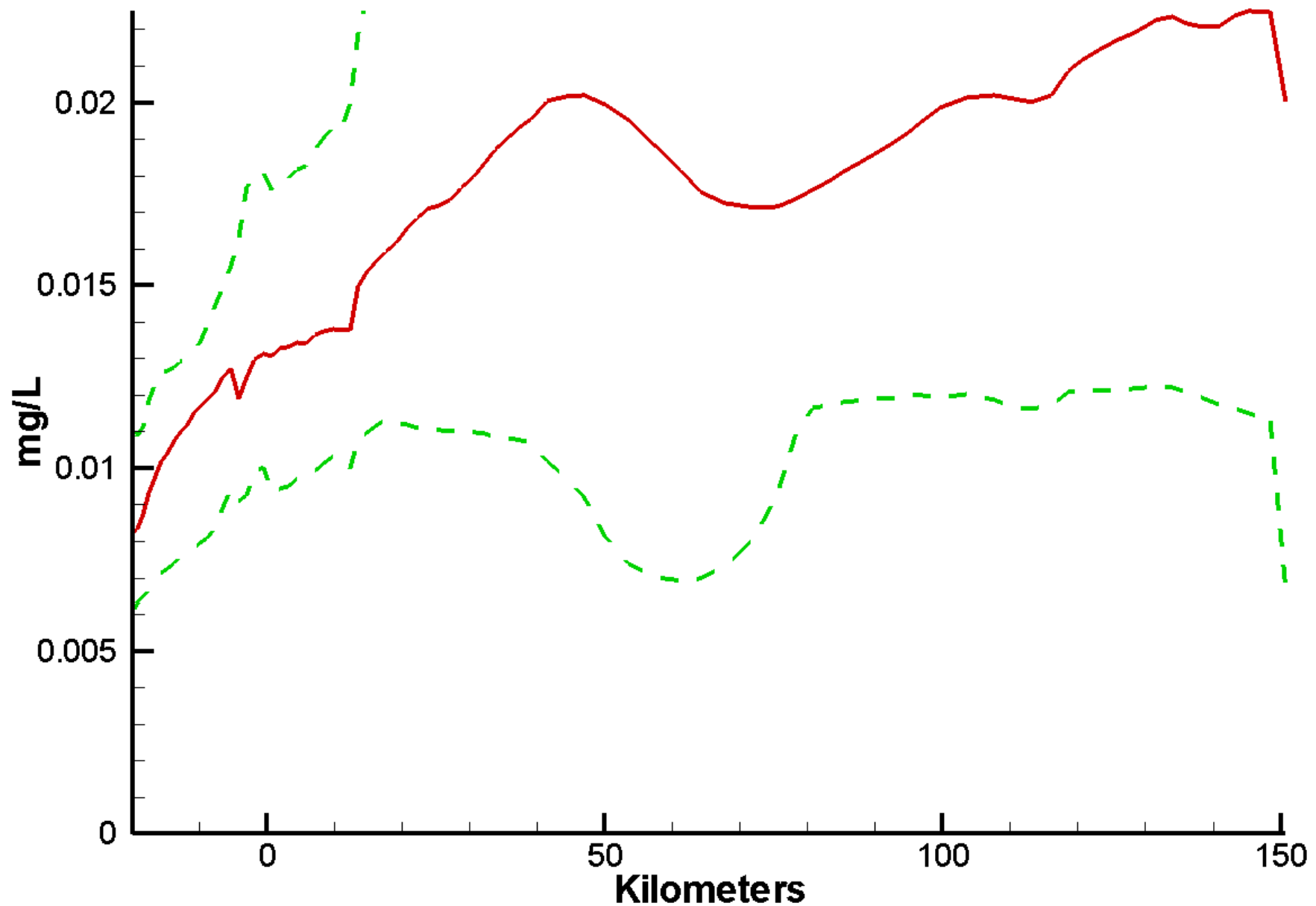
## Surface Nitrate Spring 1999





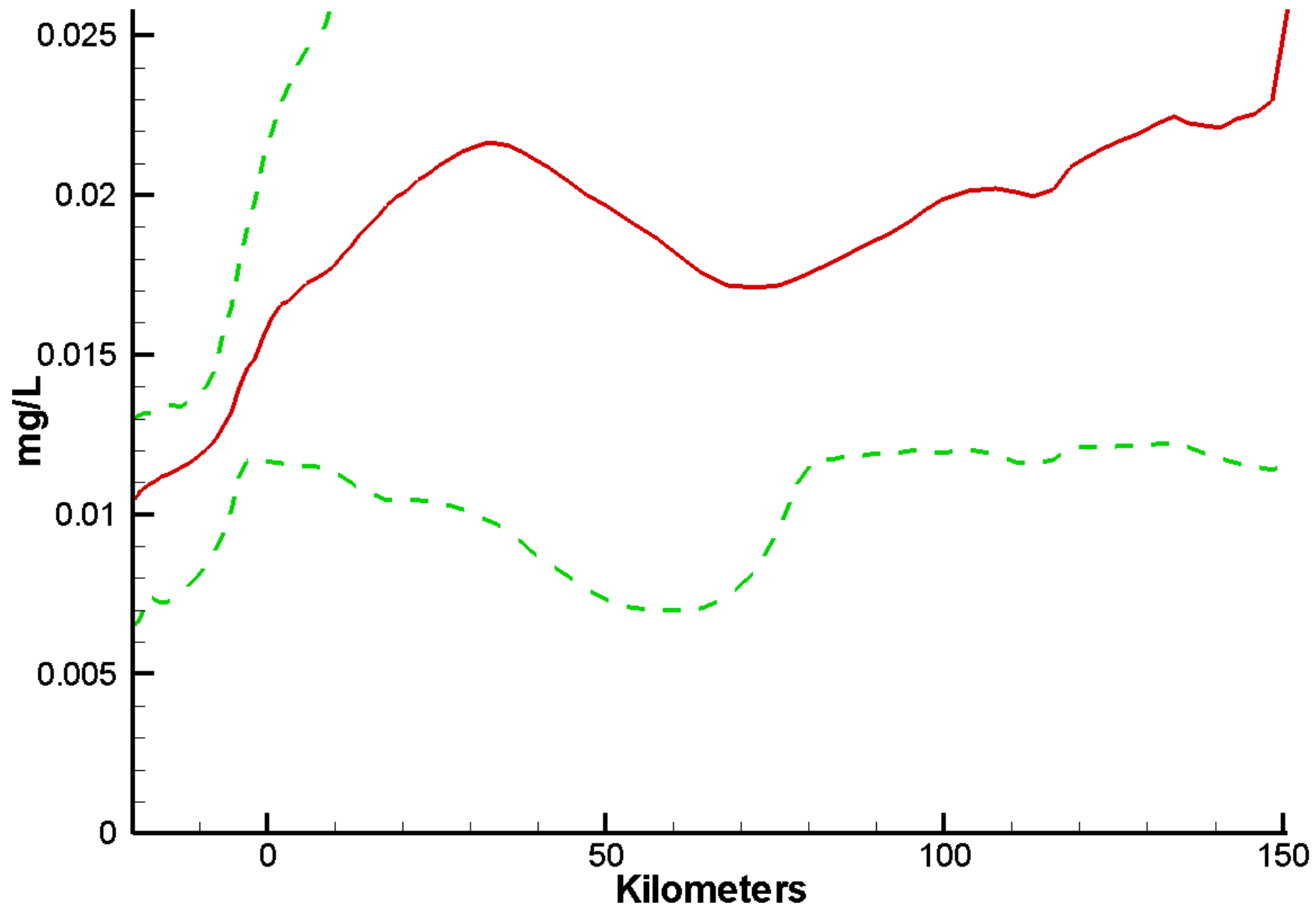
# James River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1999



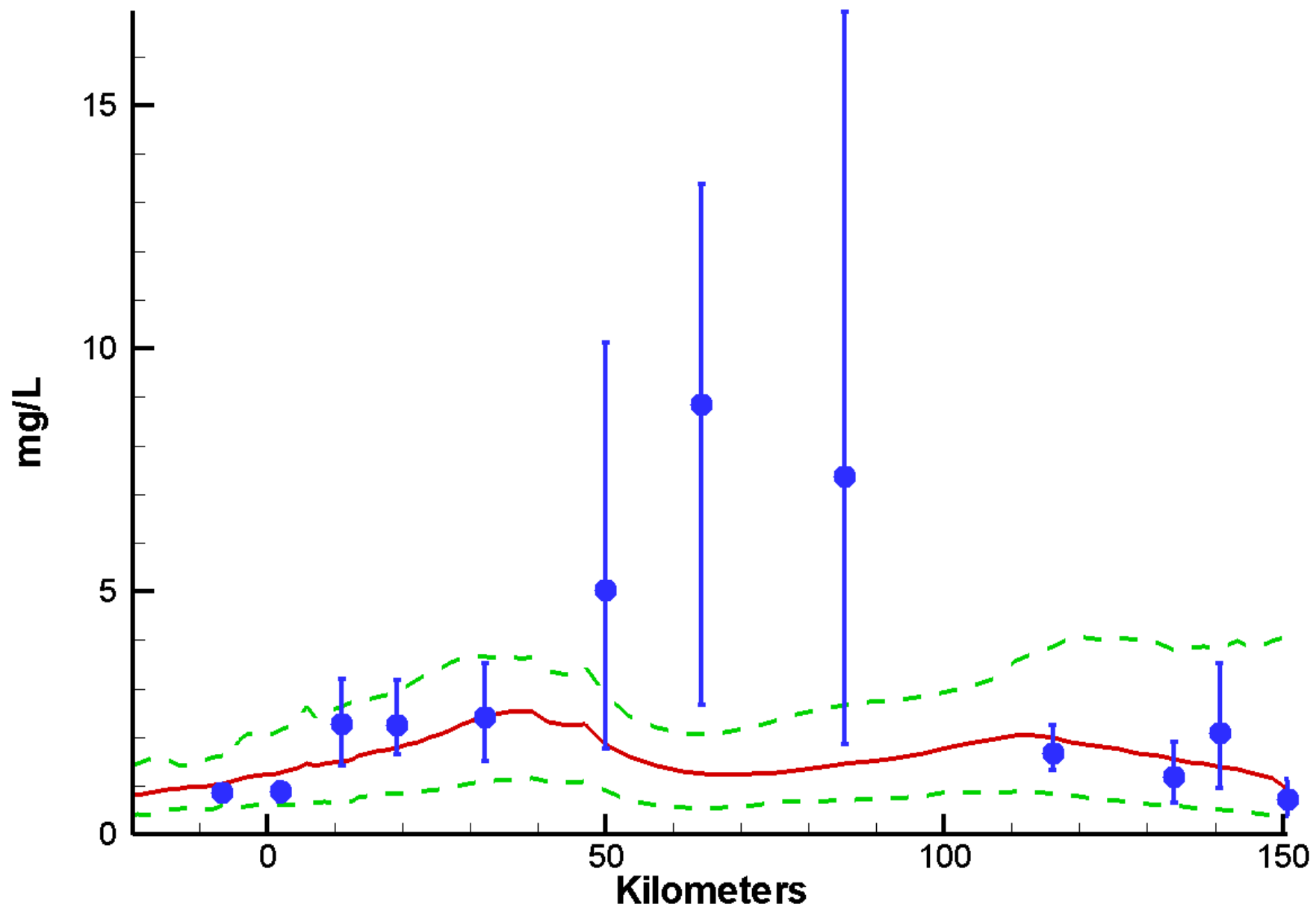
# James River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1999



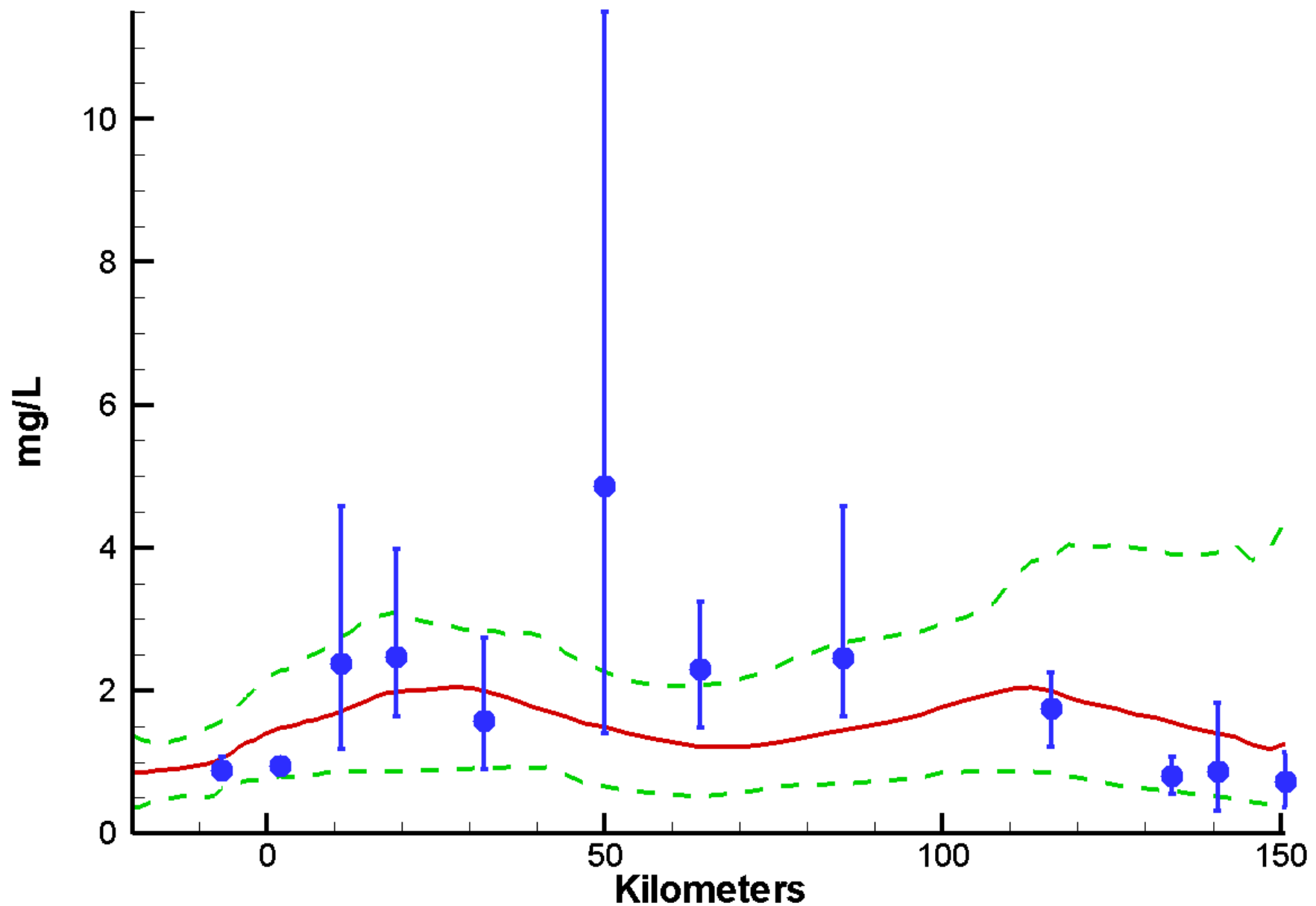
# James River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1999



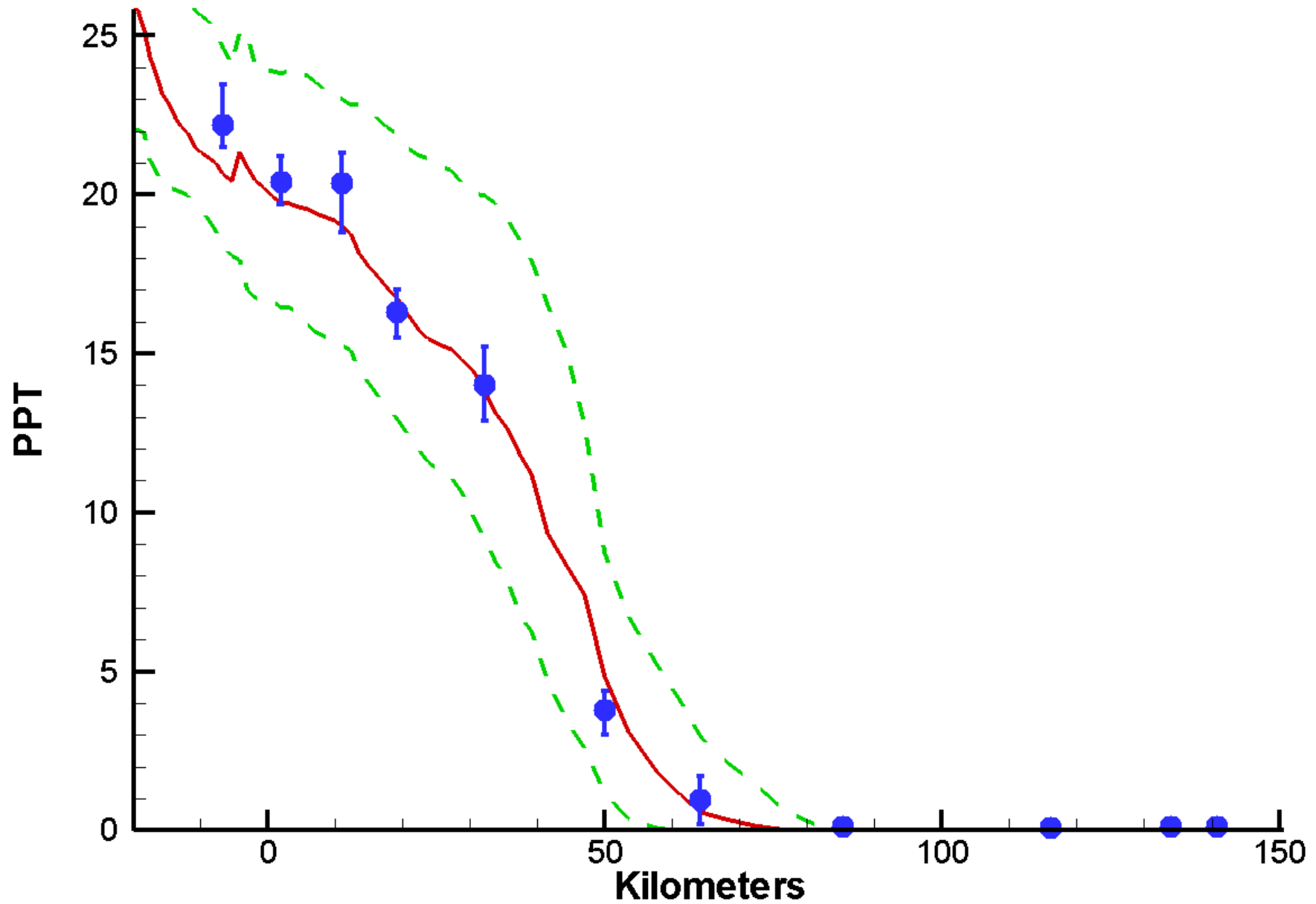
# James River Ches2015 Run118

## Surface Particulate Organic Carbon Spring 1999



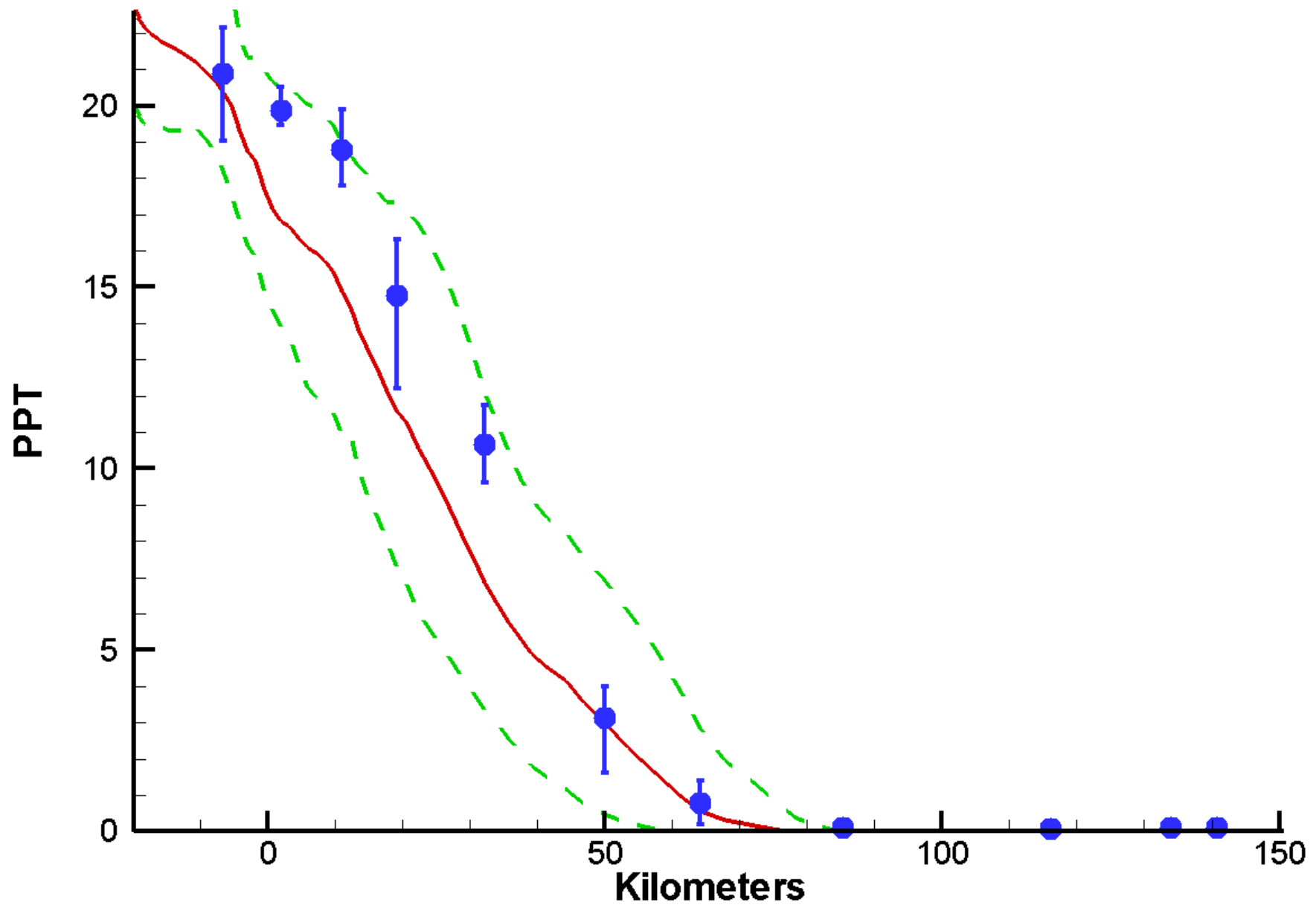
# James River Ches2015 Run118

## Bottom Salinity Spring 1999



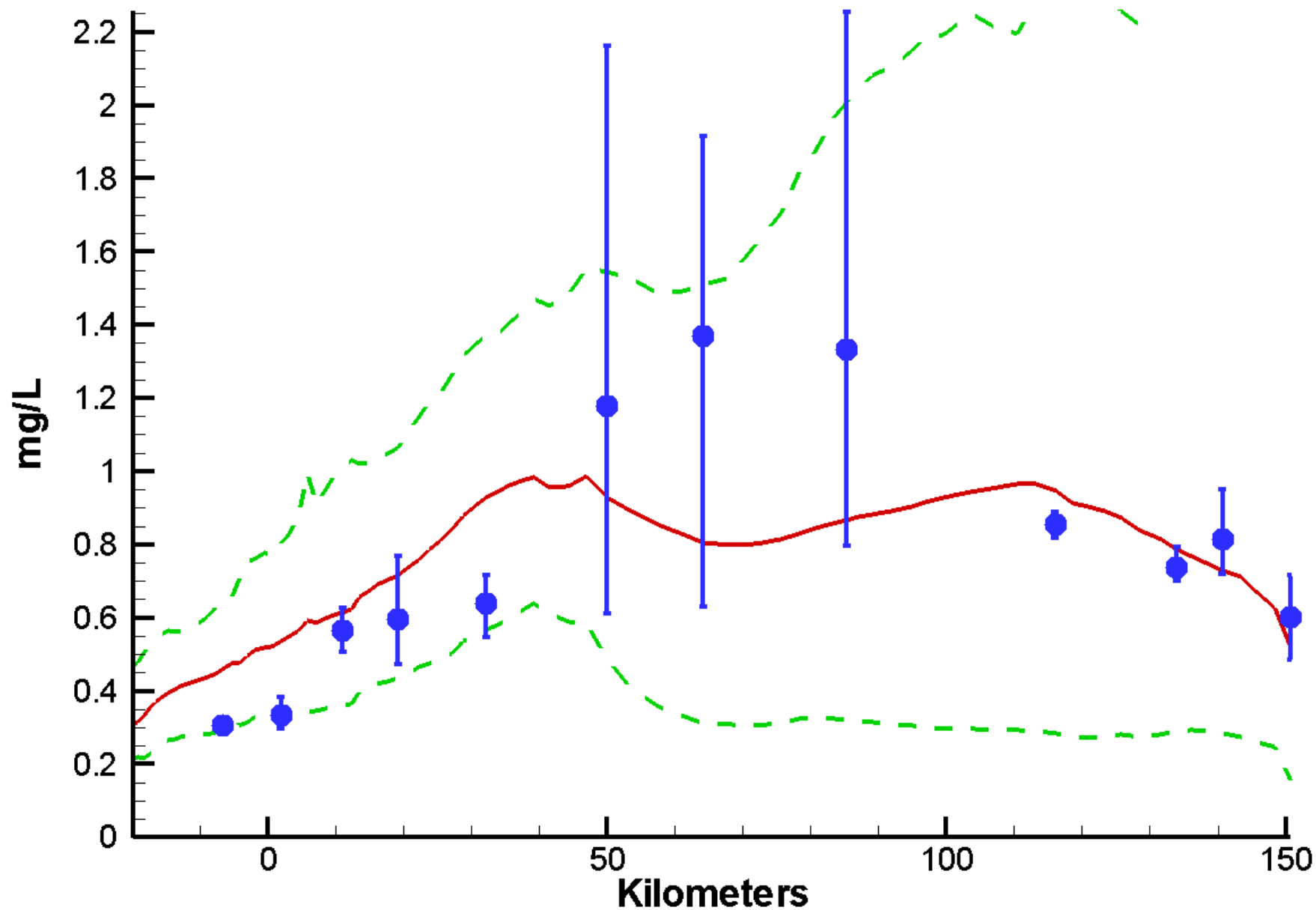
# James River Ches2015 Run118

## Surface Salinity Spring 1999



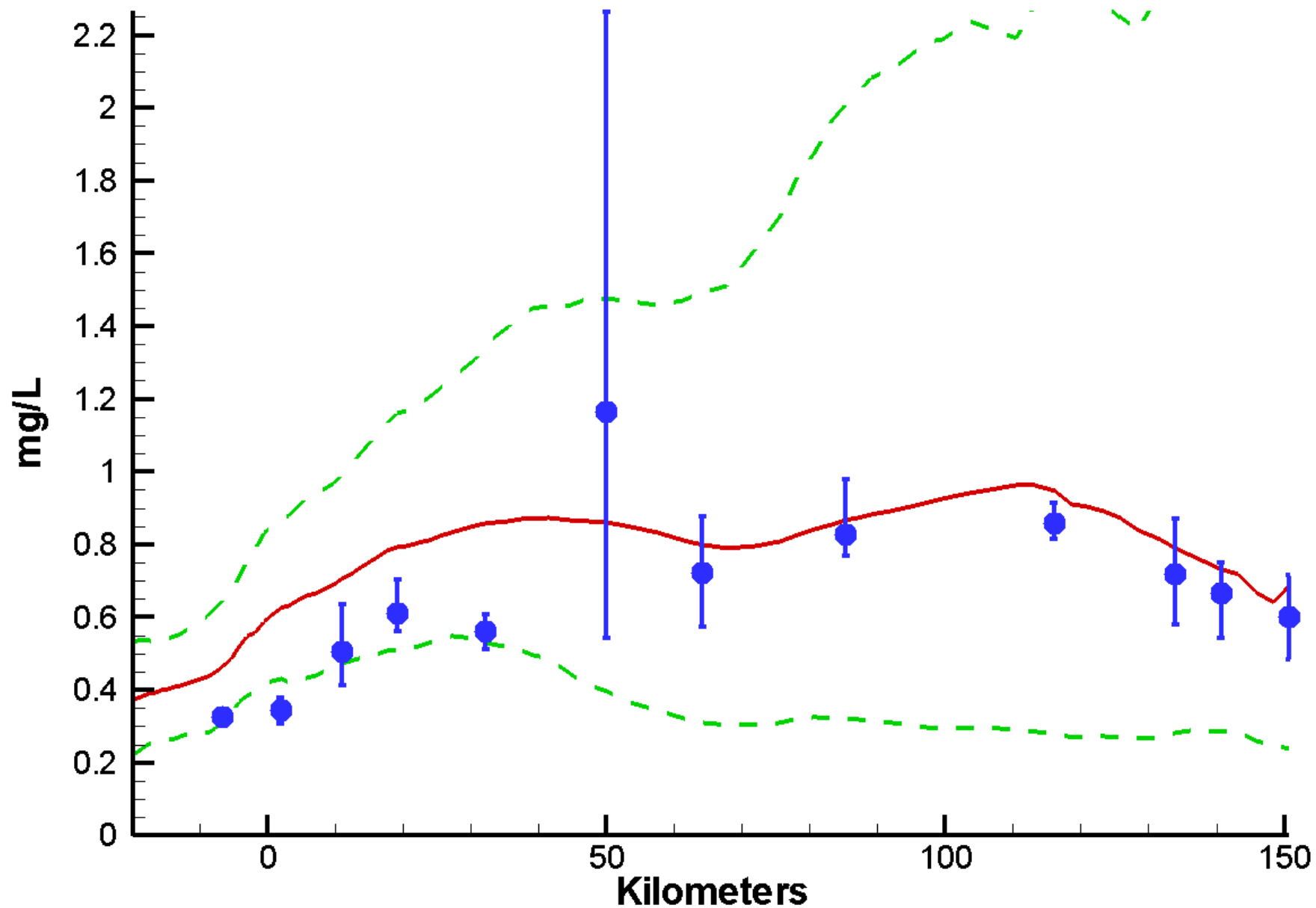
# James River Ches2015 Run118

## Bottom Total Nitrogen Spring 1999



# James River Ches2015 Run118

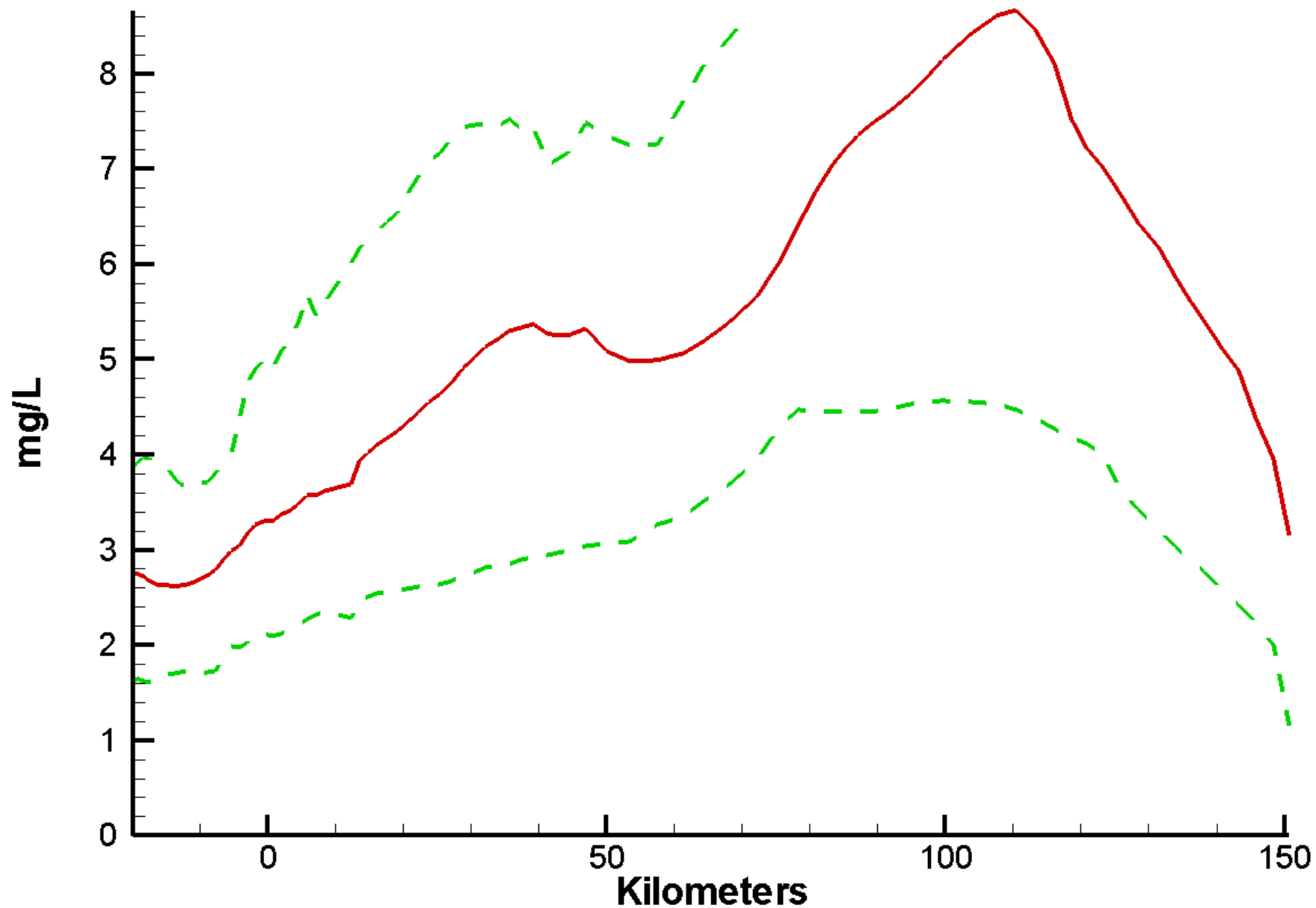
## Surface Total Nitrogen Spring 1999



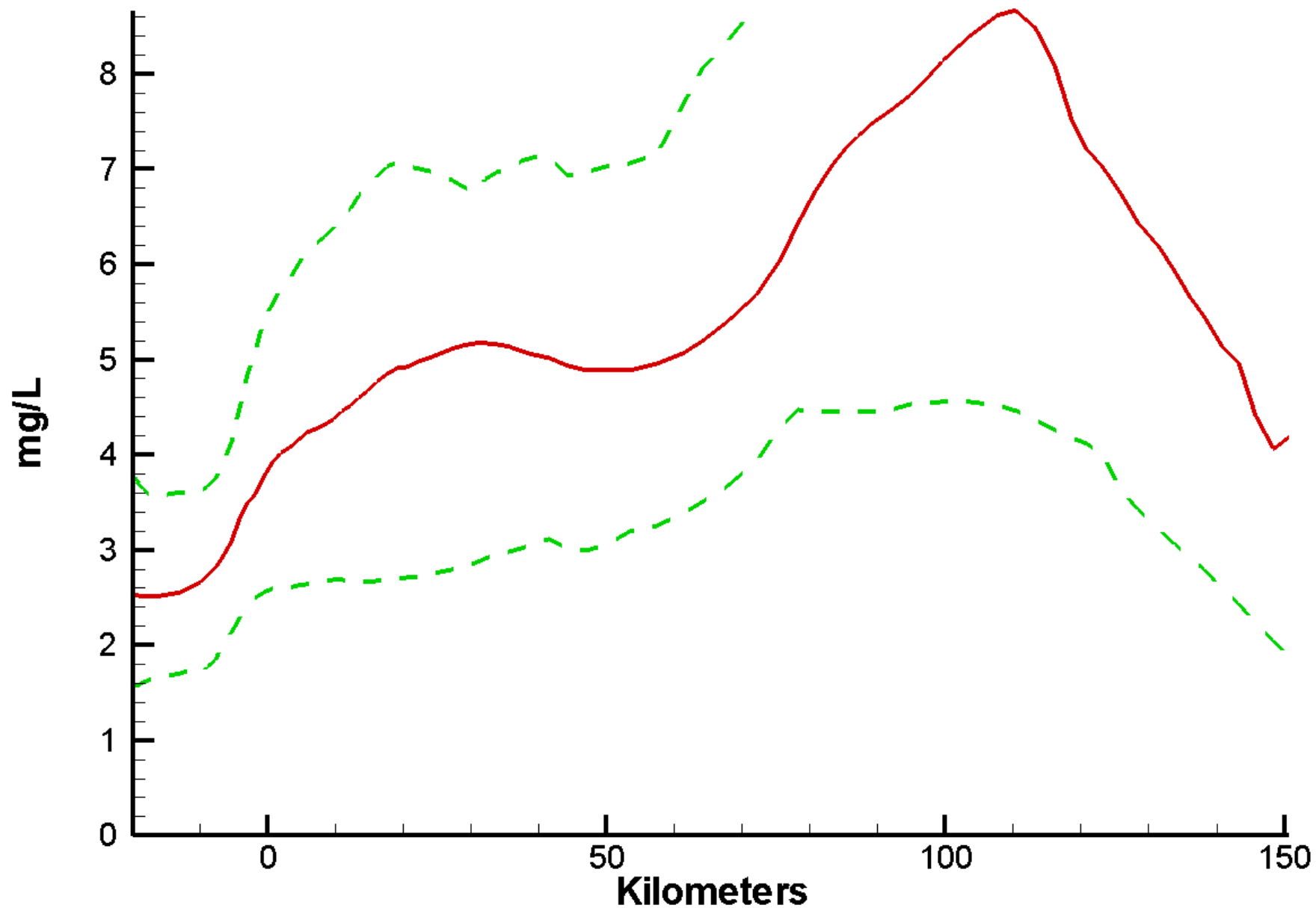


# James River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1999

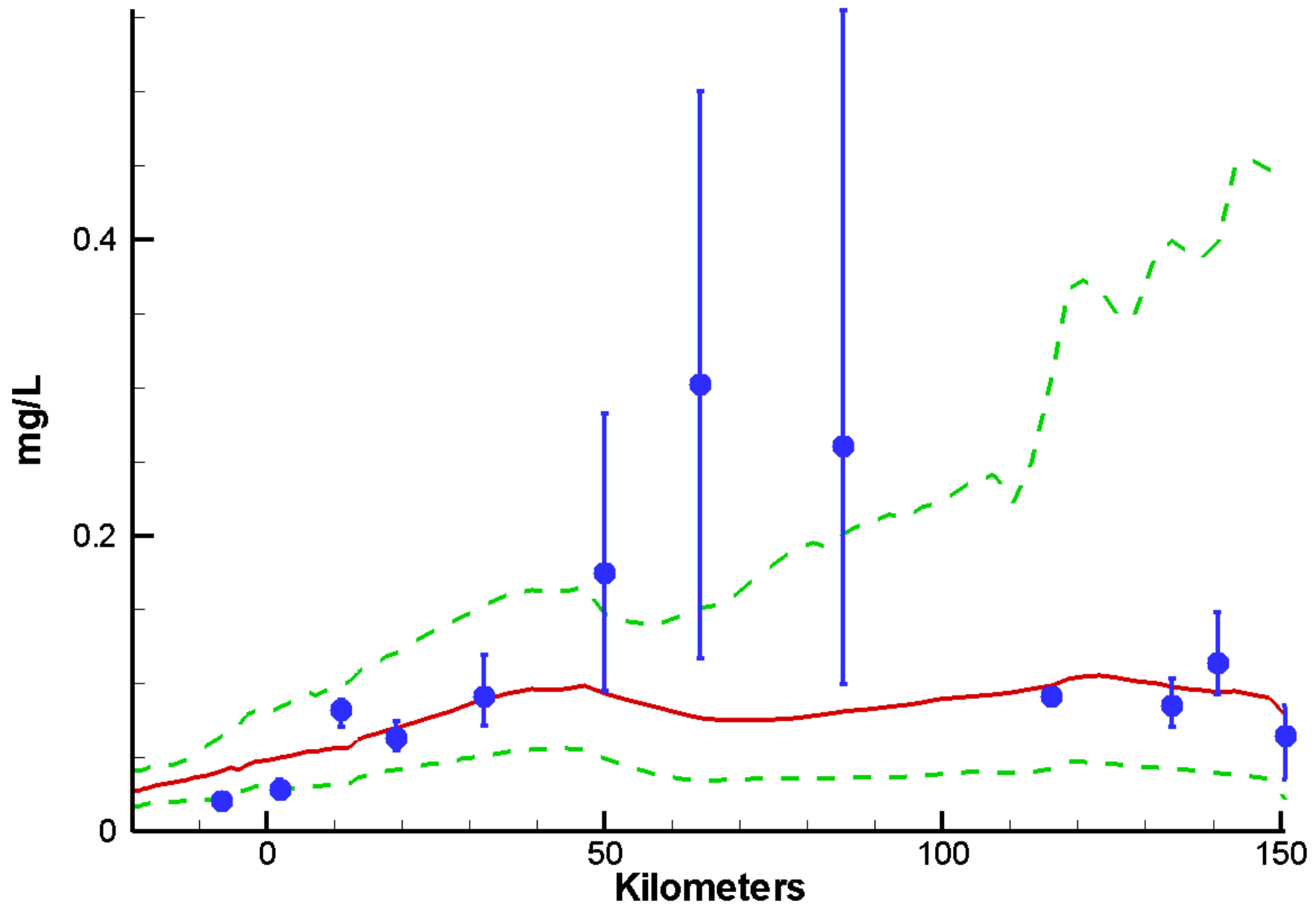


**James River Ches2015 Run118**  
**Surface Total Organic Carbon Spring 1999**



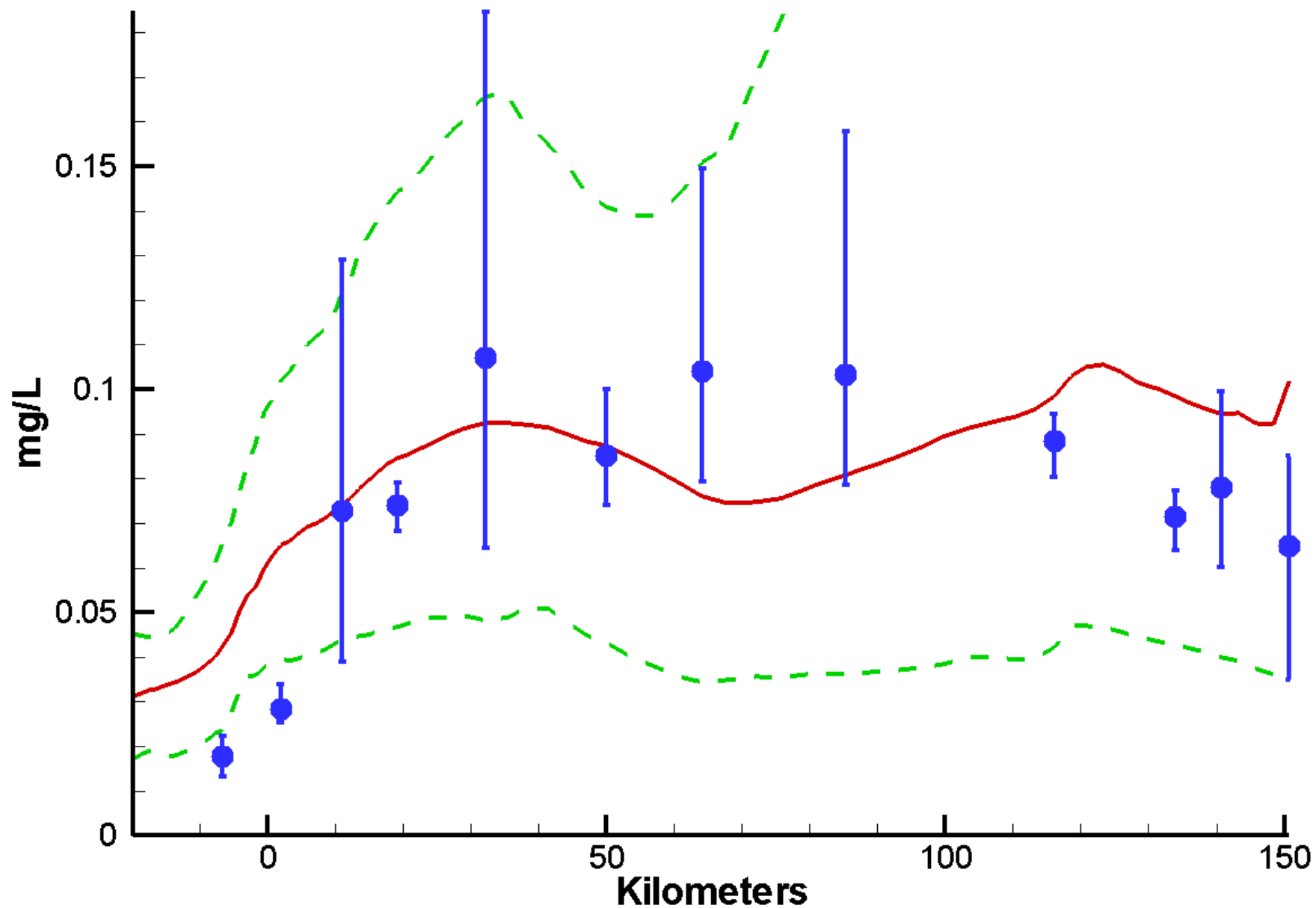
# James River Ches2015 Run118

## Bottom Total Phosphorus Spring 1999



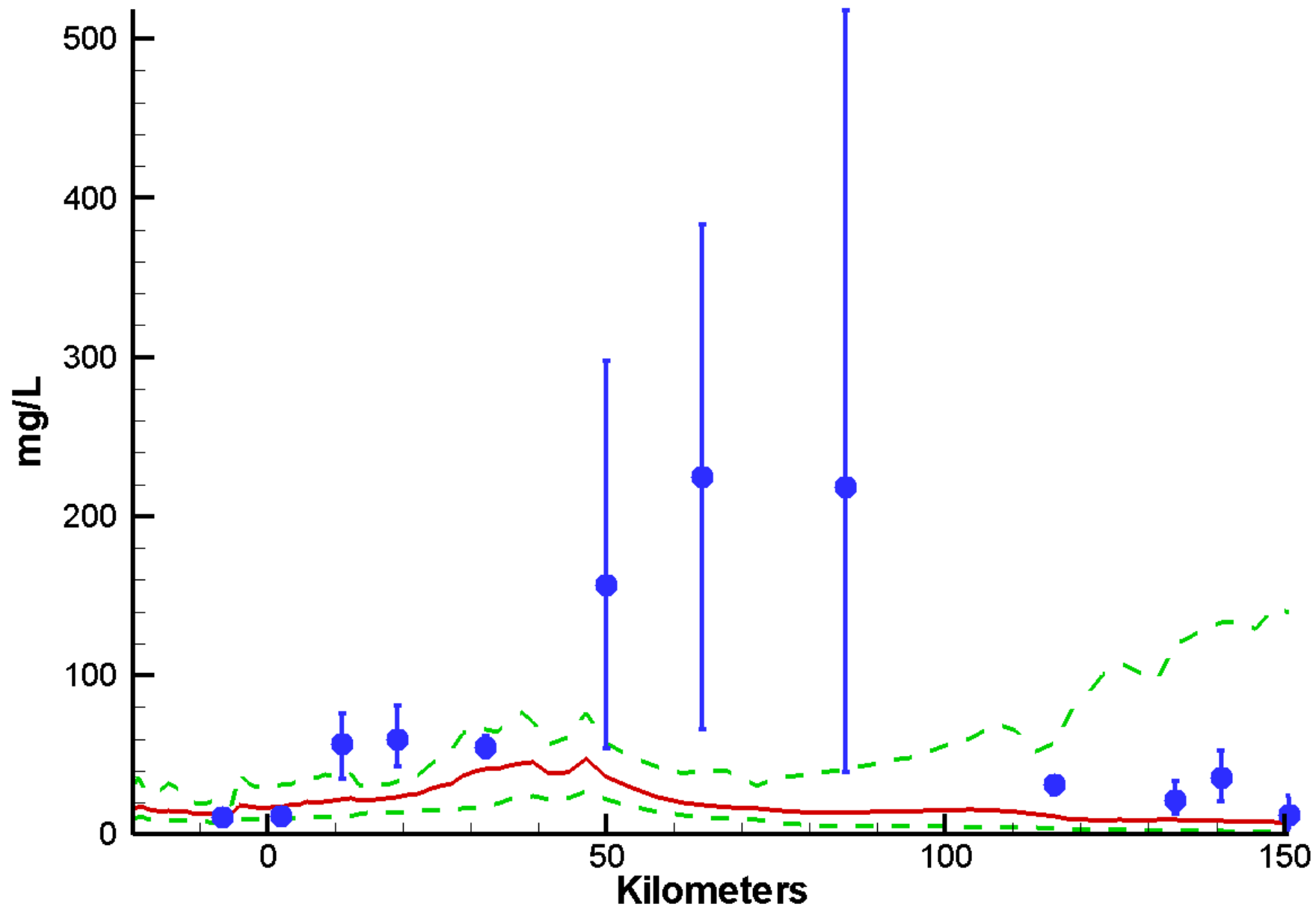
# James River Ches2015 Run118

## Surface Total Phosphorus Spring 1999



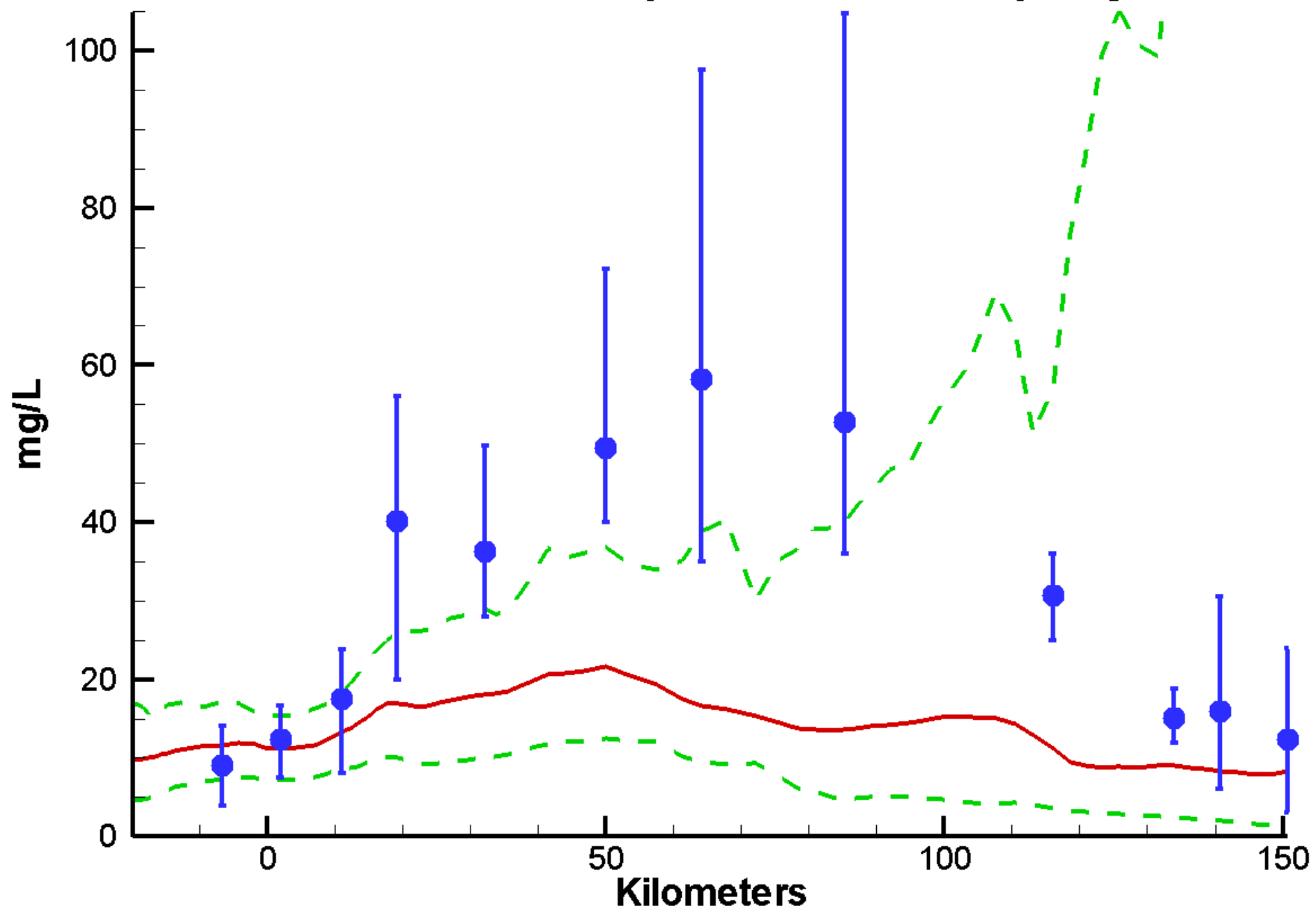
# James River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1999



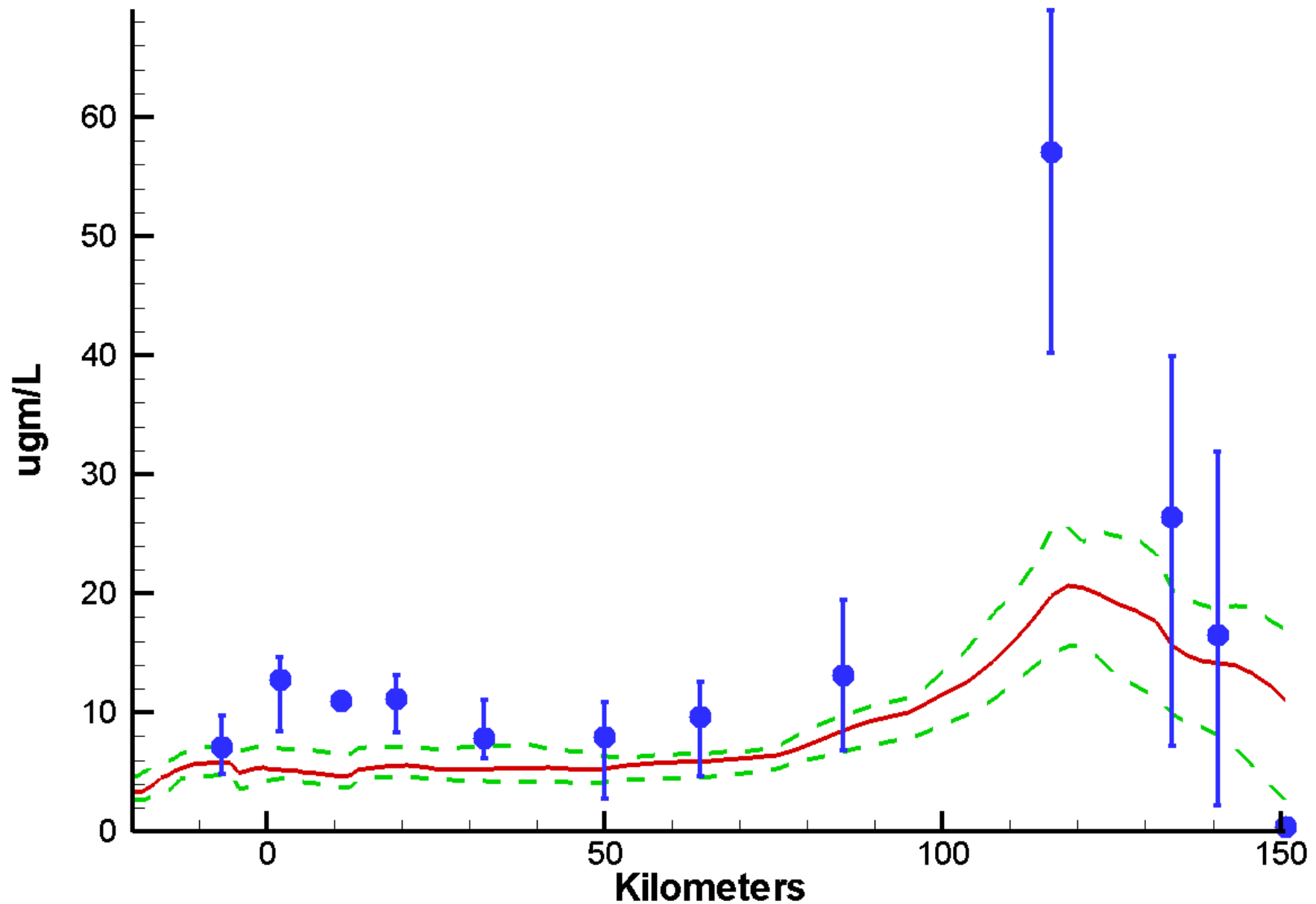
# James River Ches2015 Run118

## Surface Total Suspended Solids Spring 1999



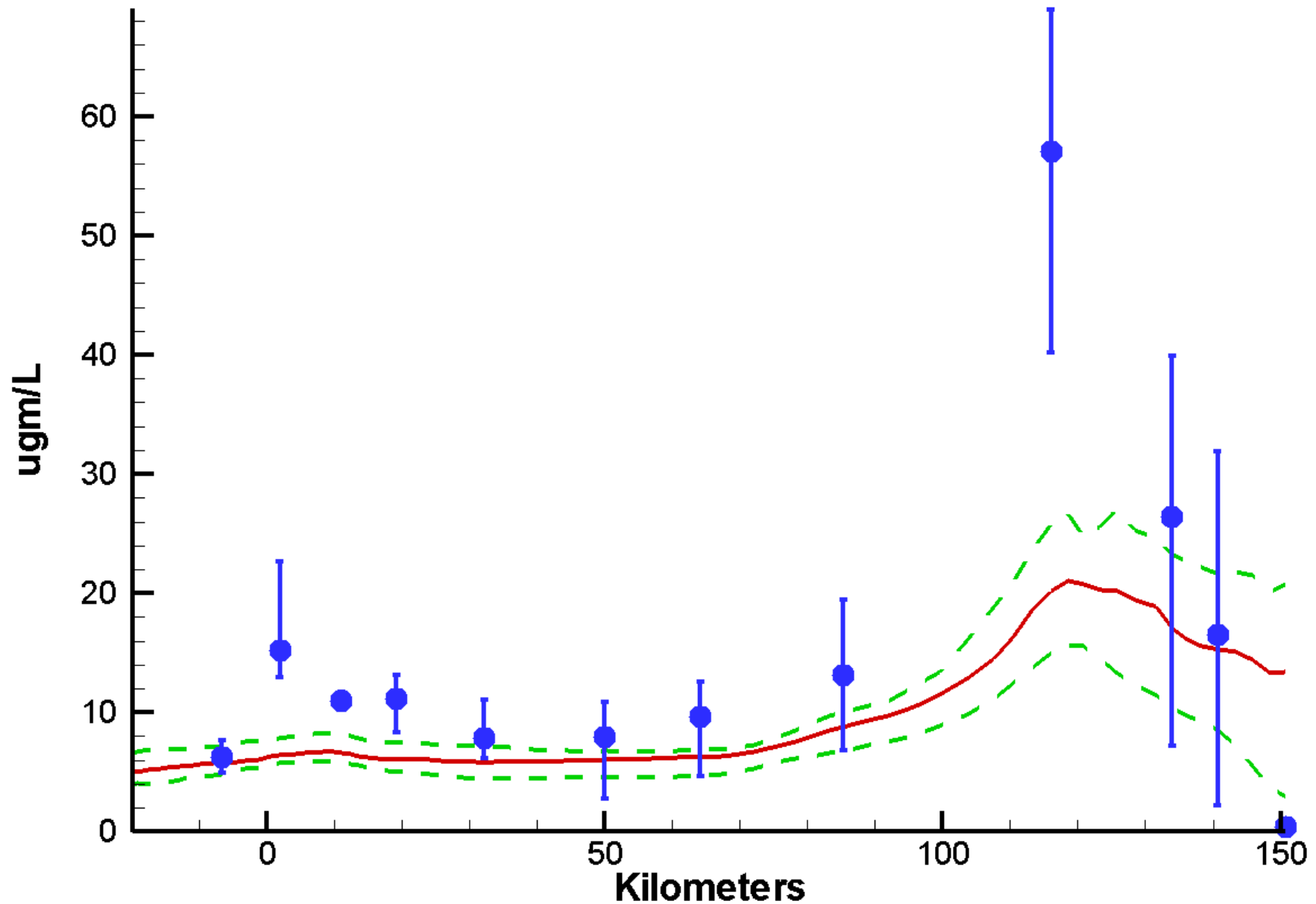
# James River Ches2015 Run118

## Bottom Chlorophyll Summer 1999



# James River Ches2015 Run118

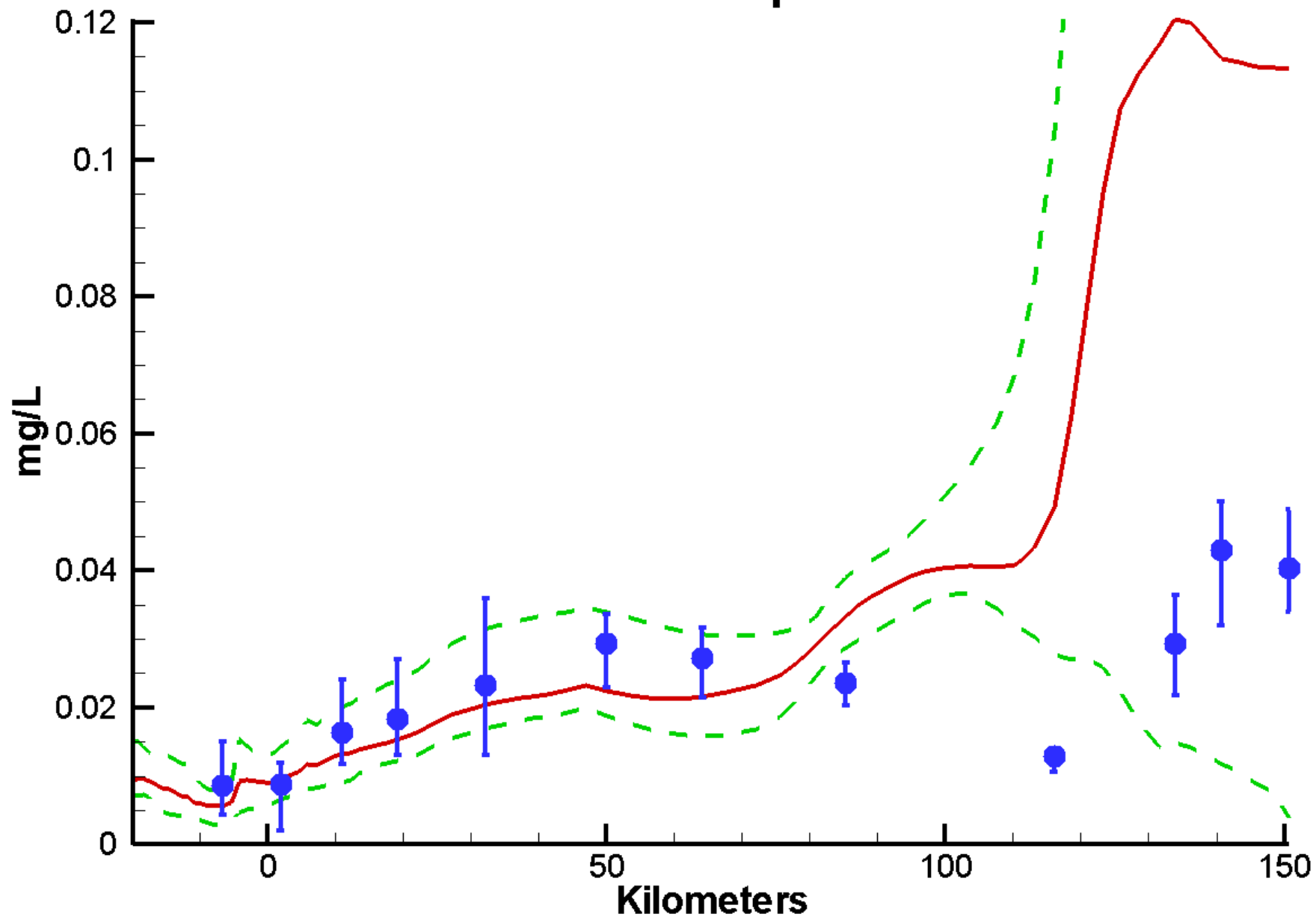
## Surface Chlorophyll Summer 1999





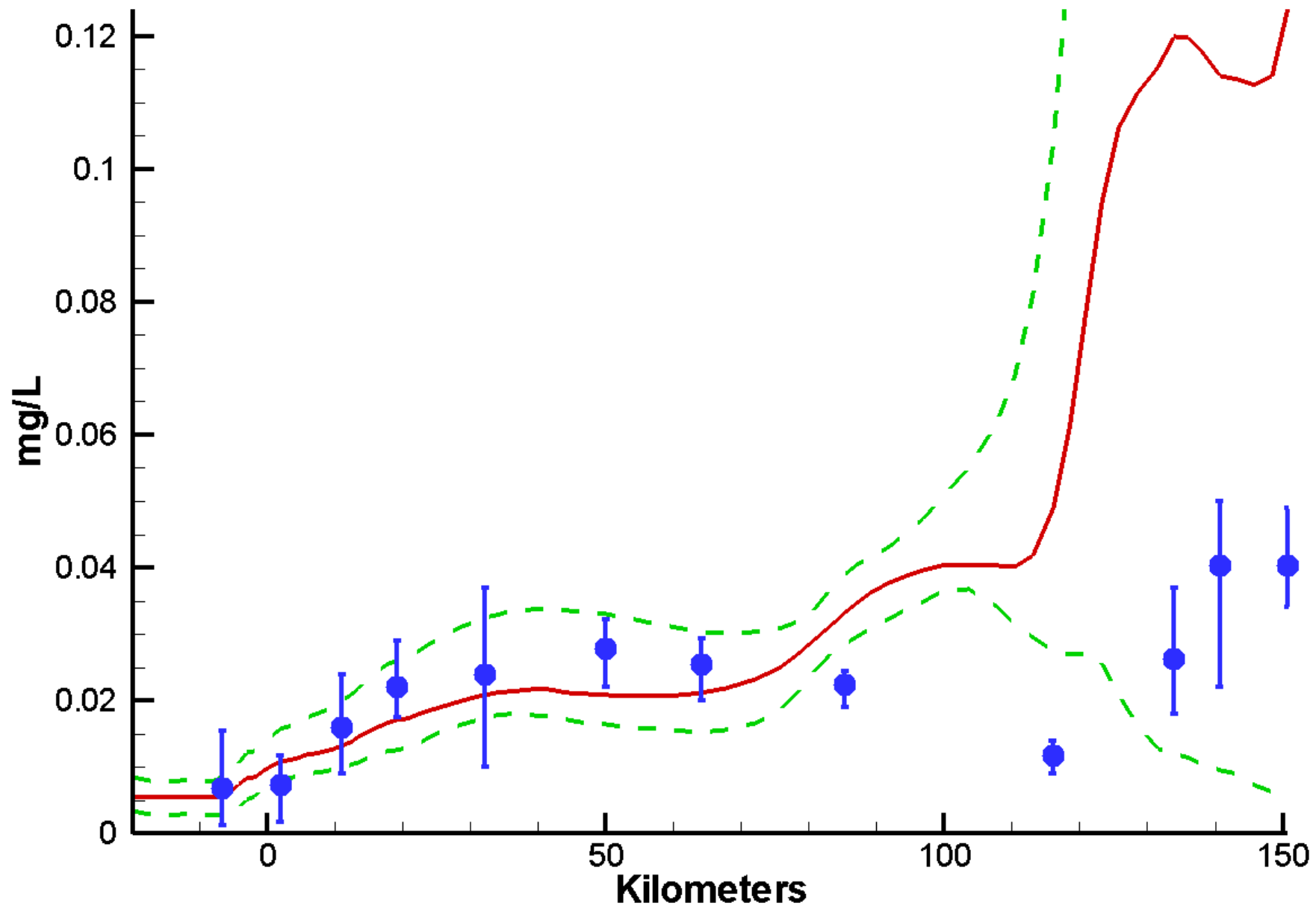
# James River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1999



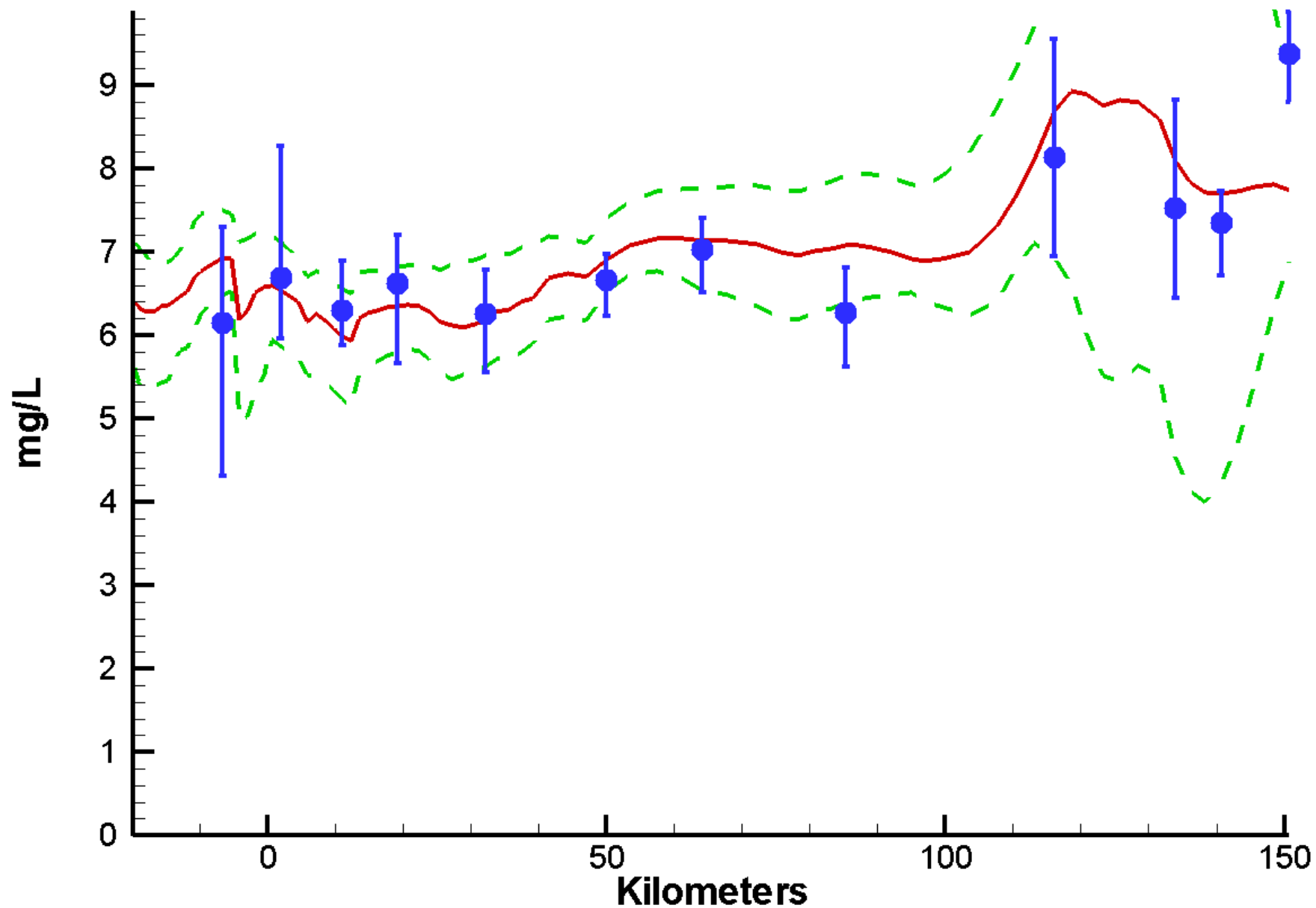
# James River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1999



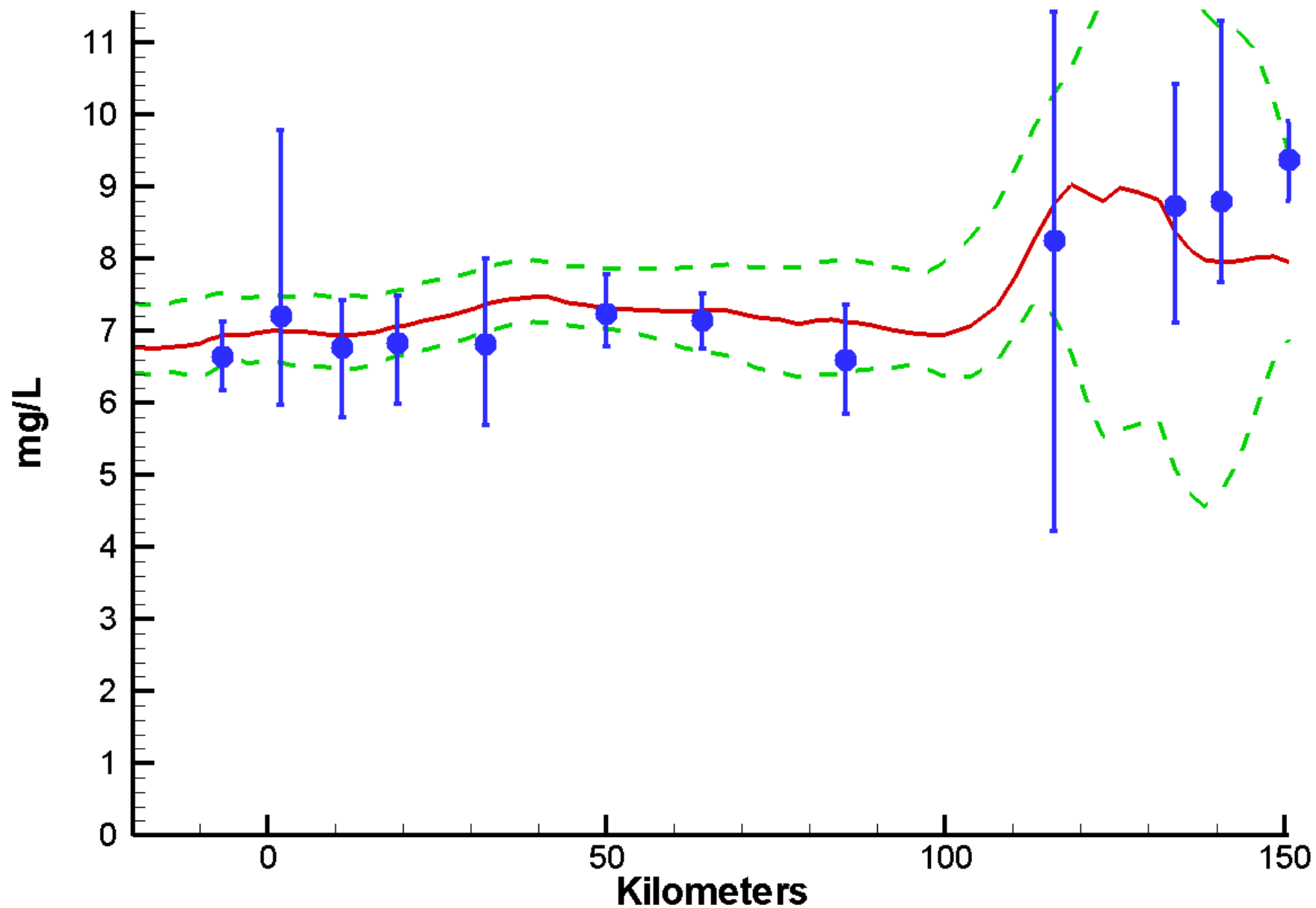
# James River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1999



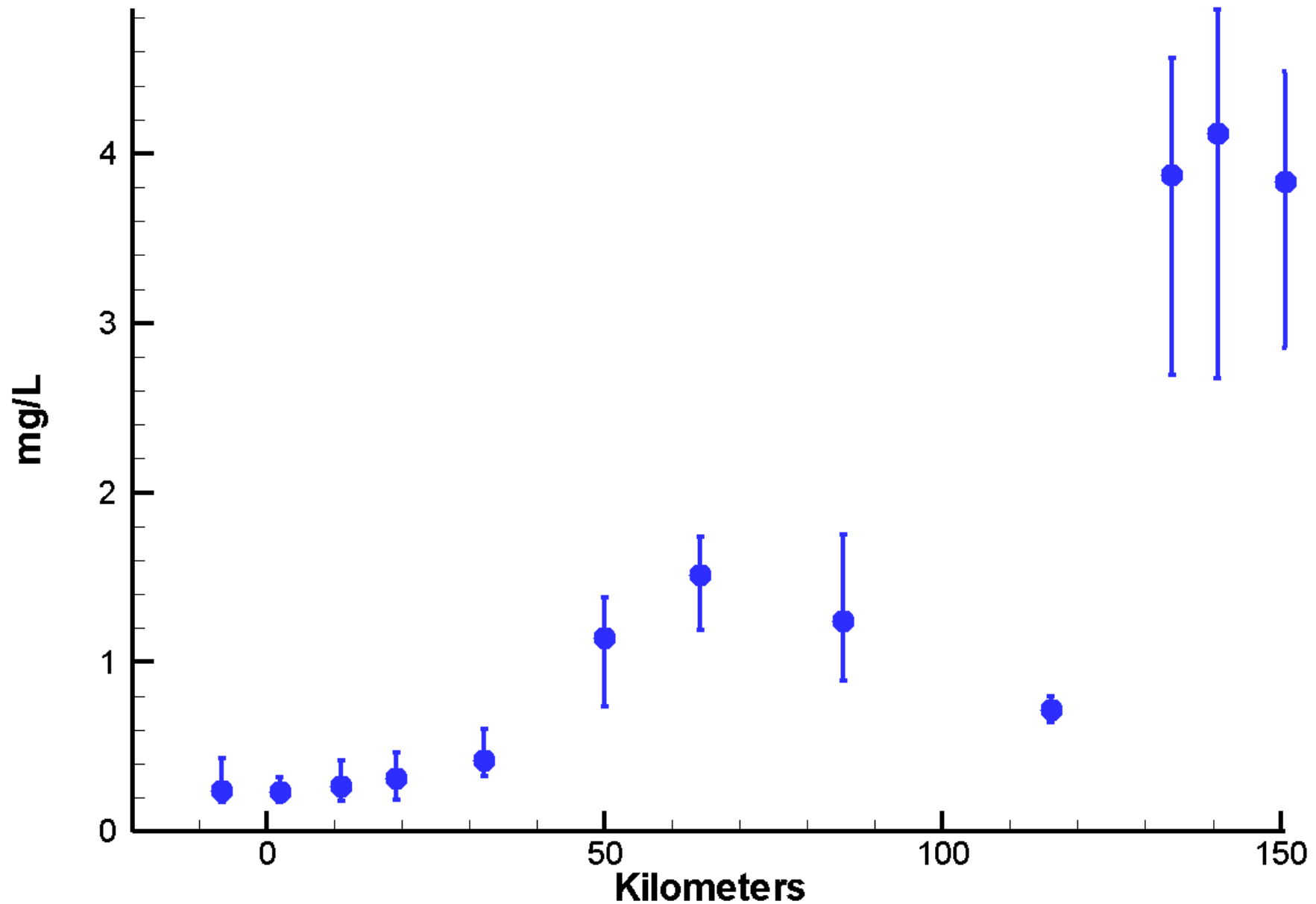
# James River Ches2015 Run118

## Surface Dissolved Oxygen Summer 1999



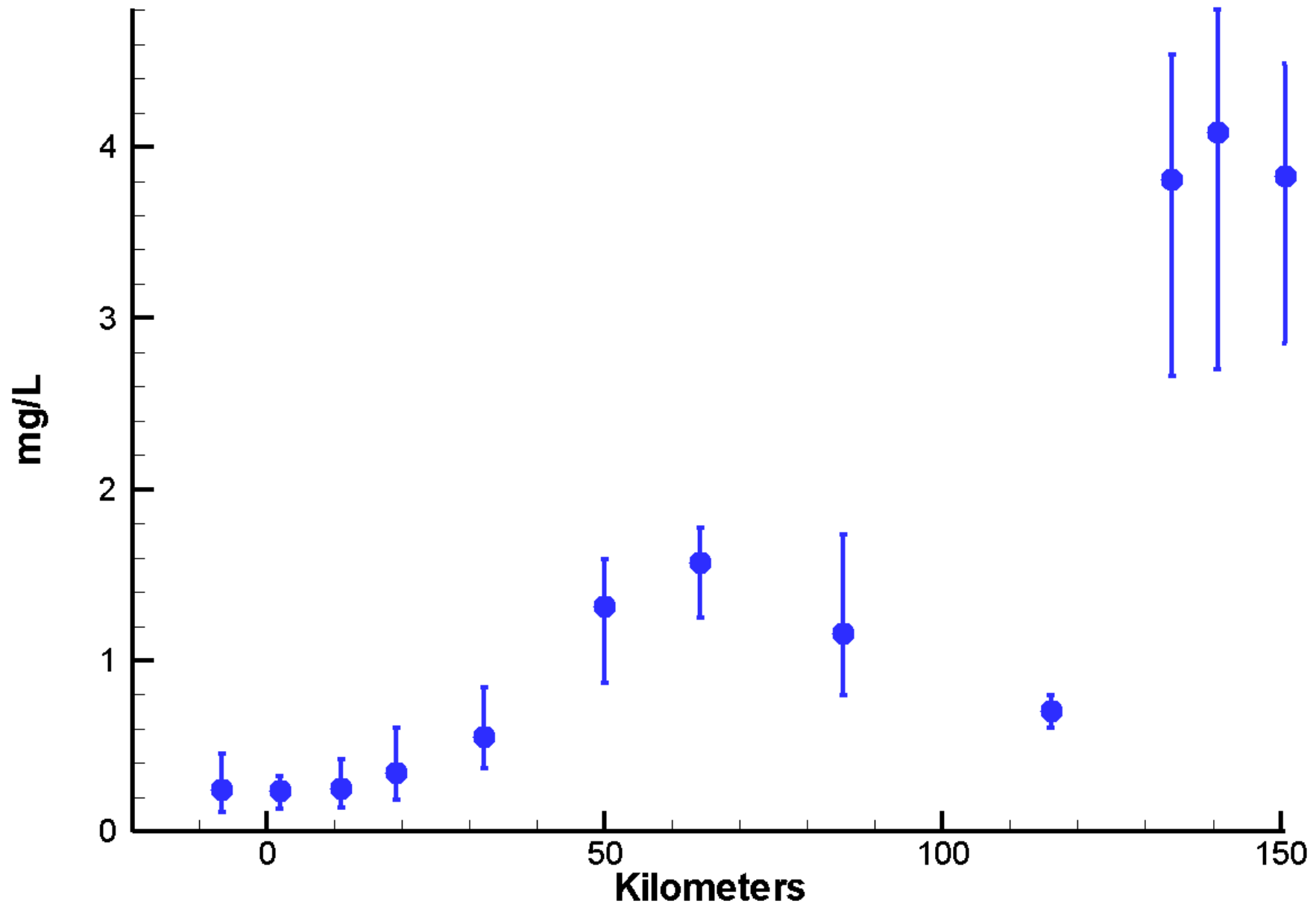
# James River Ches2015 Run118

## Bottom Dissolved Silica Summer 1999



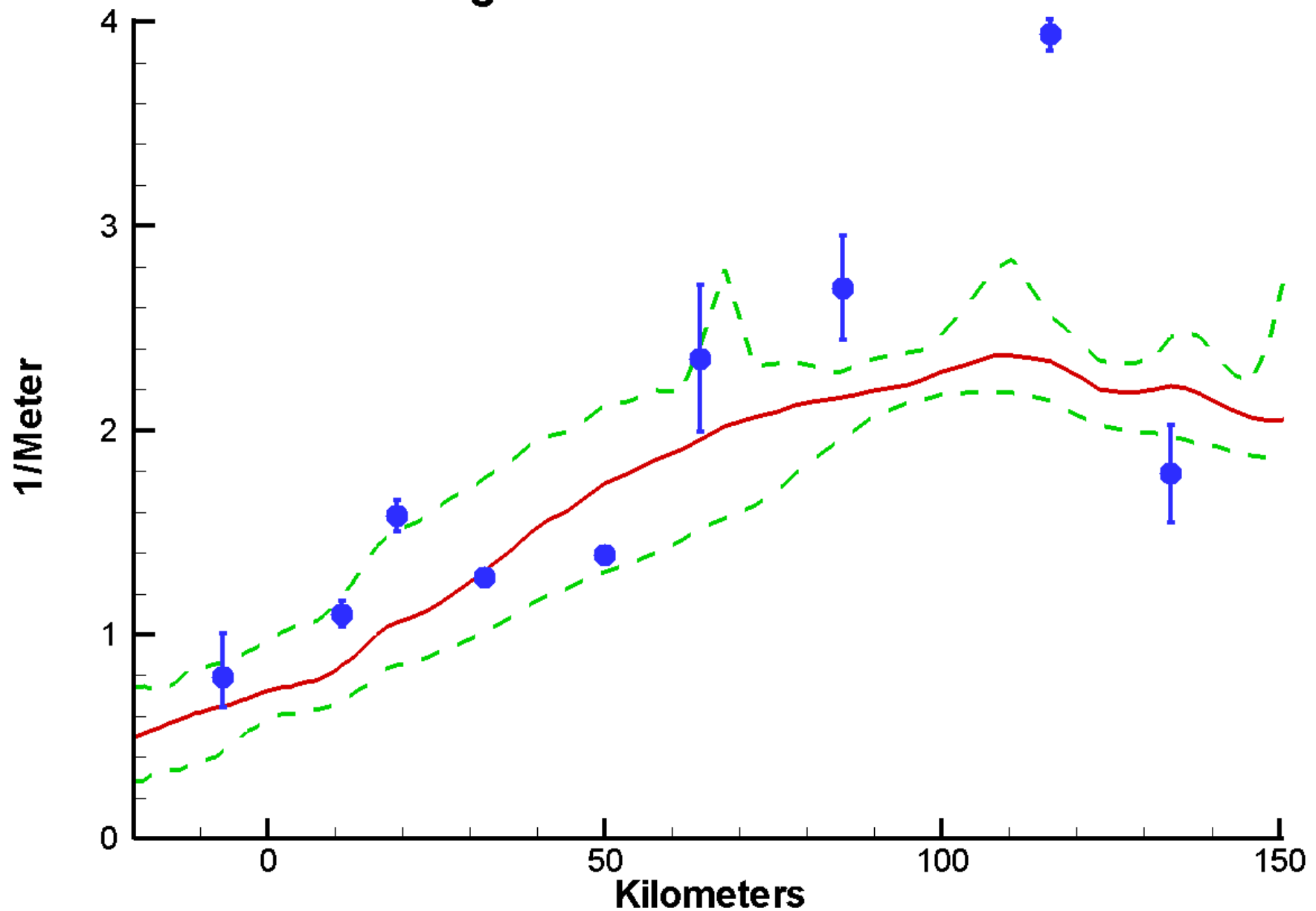
# James River Ches2015 Run118

## Surface Dissolved Silica Summer 1999



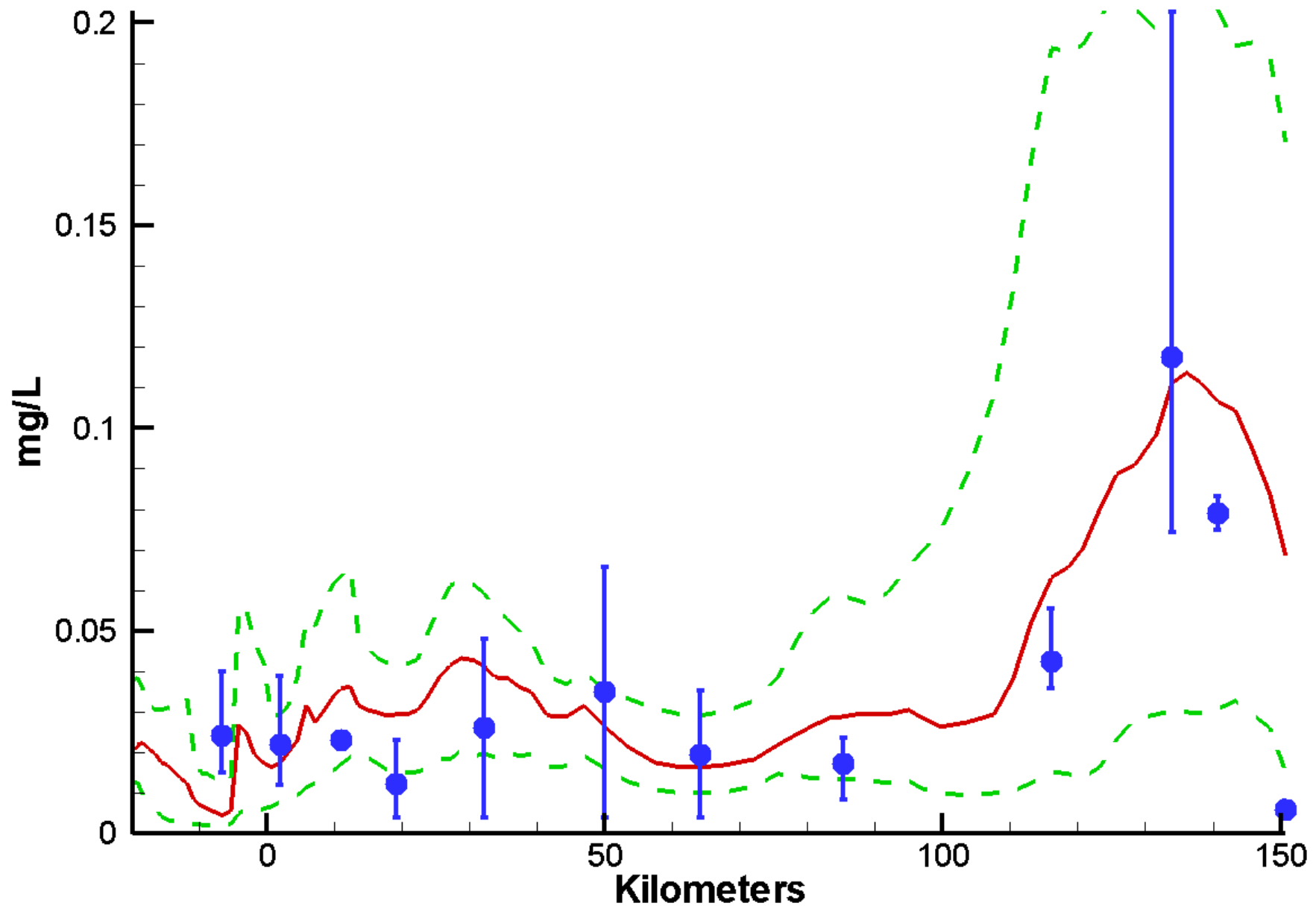
# James River Ches2015 Run118

## Surface Light Extinction Summer 1999



# James River Ches2015 Run118

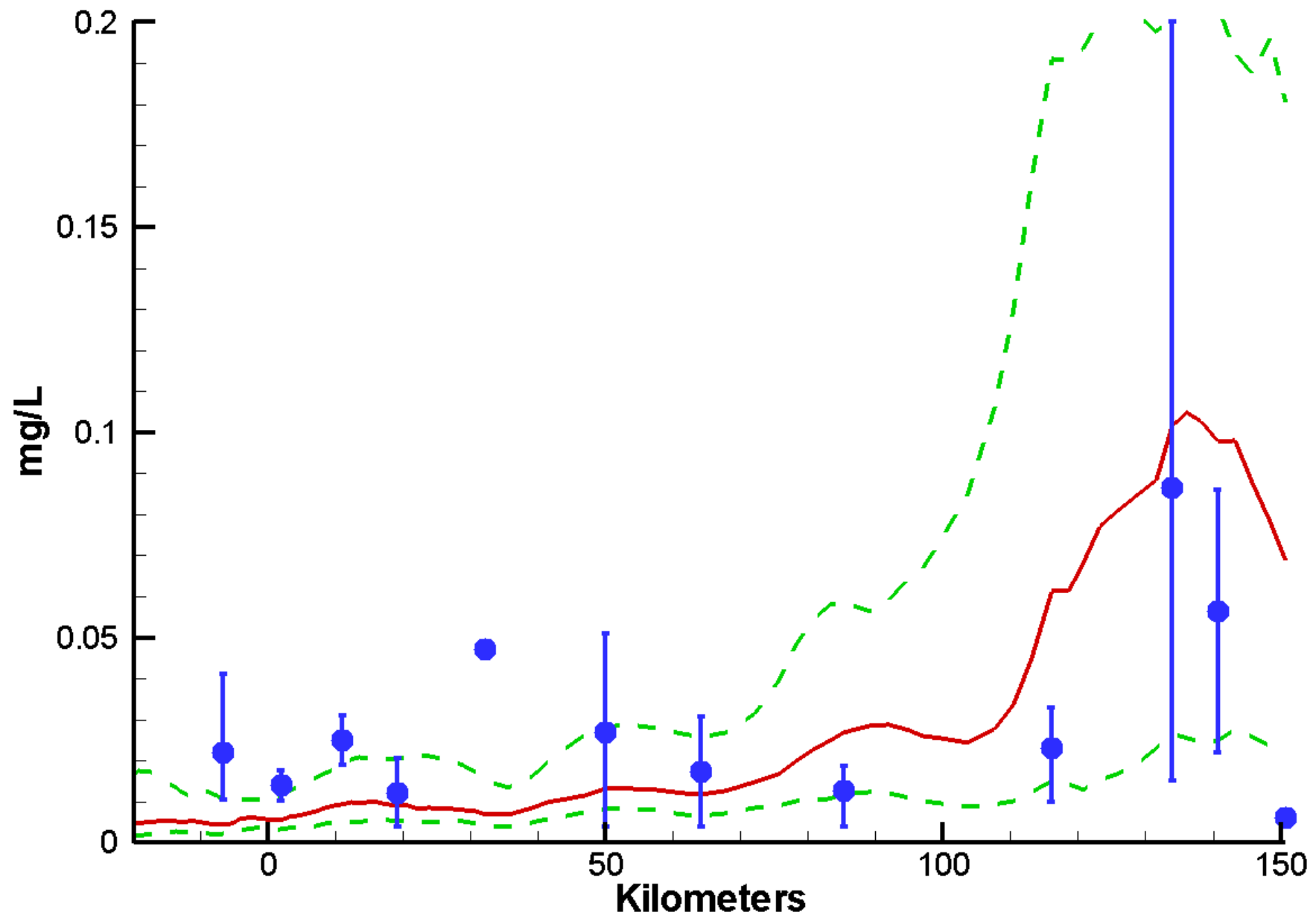
## Bottom Ammonium Summer 1999





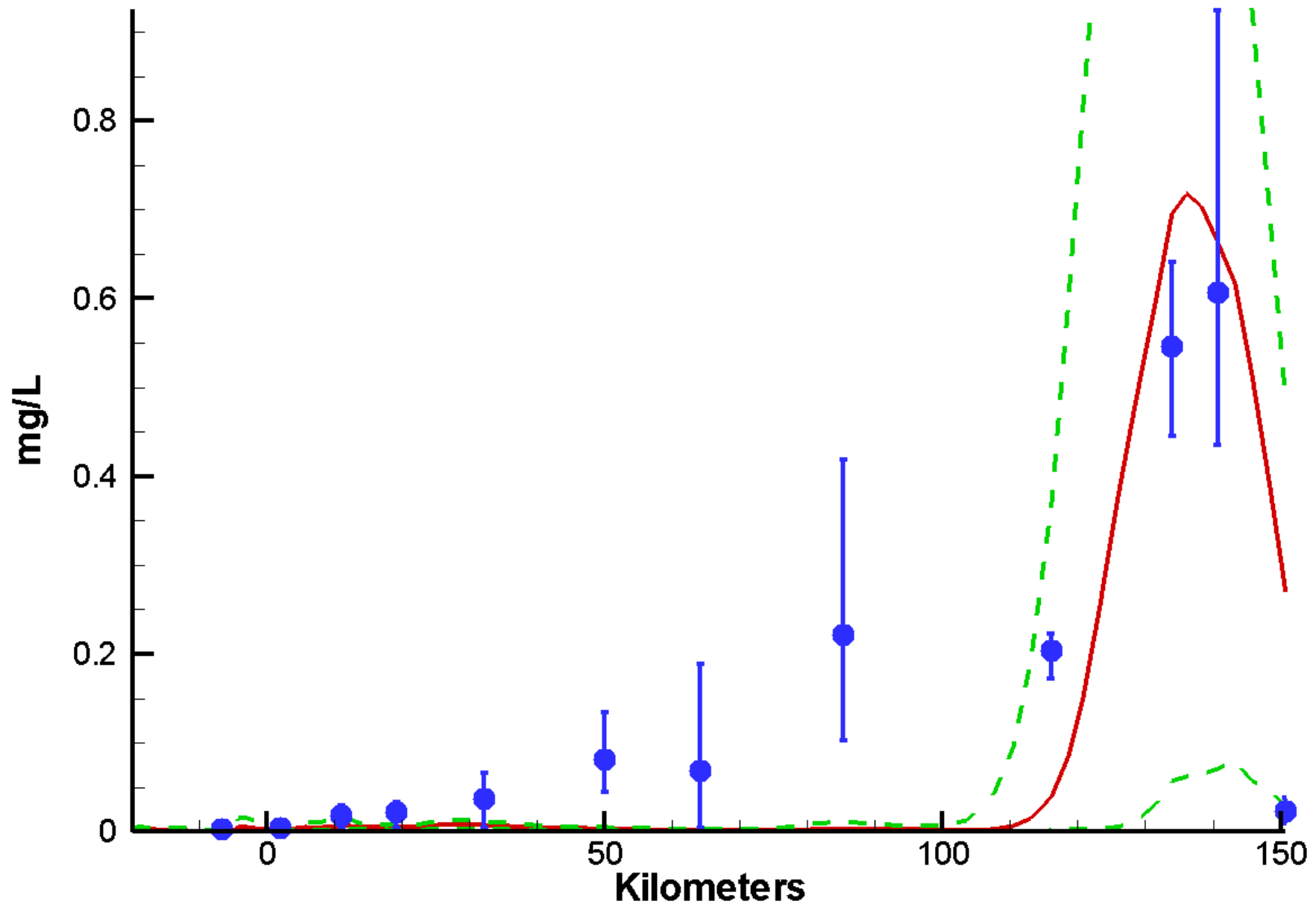
# James River Ches2015 Run118

## Surface Ammonium Summer 1999



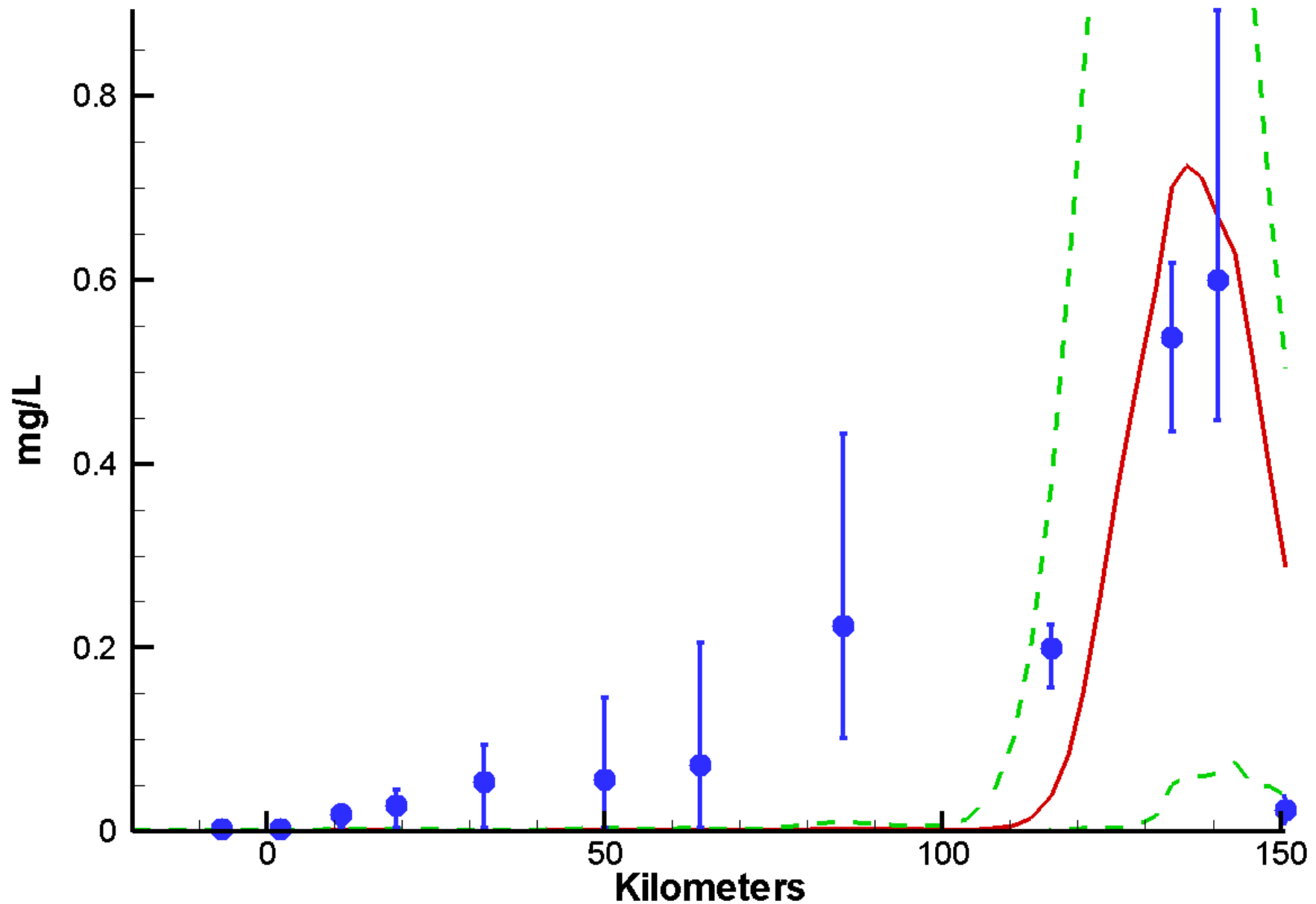
# James River Ches2015 Run118

## Bottom Nitrate Summer 1999



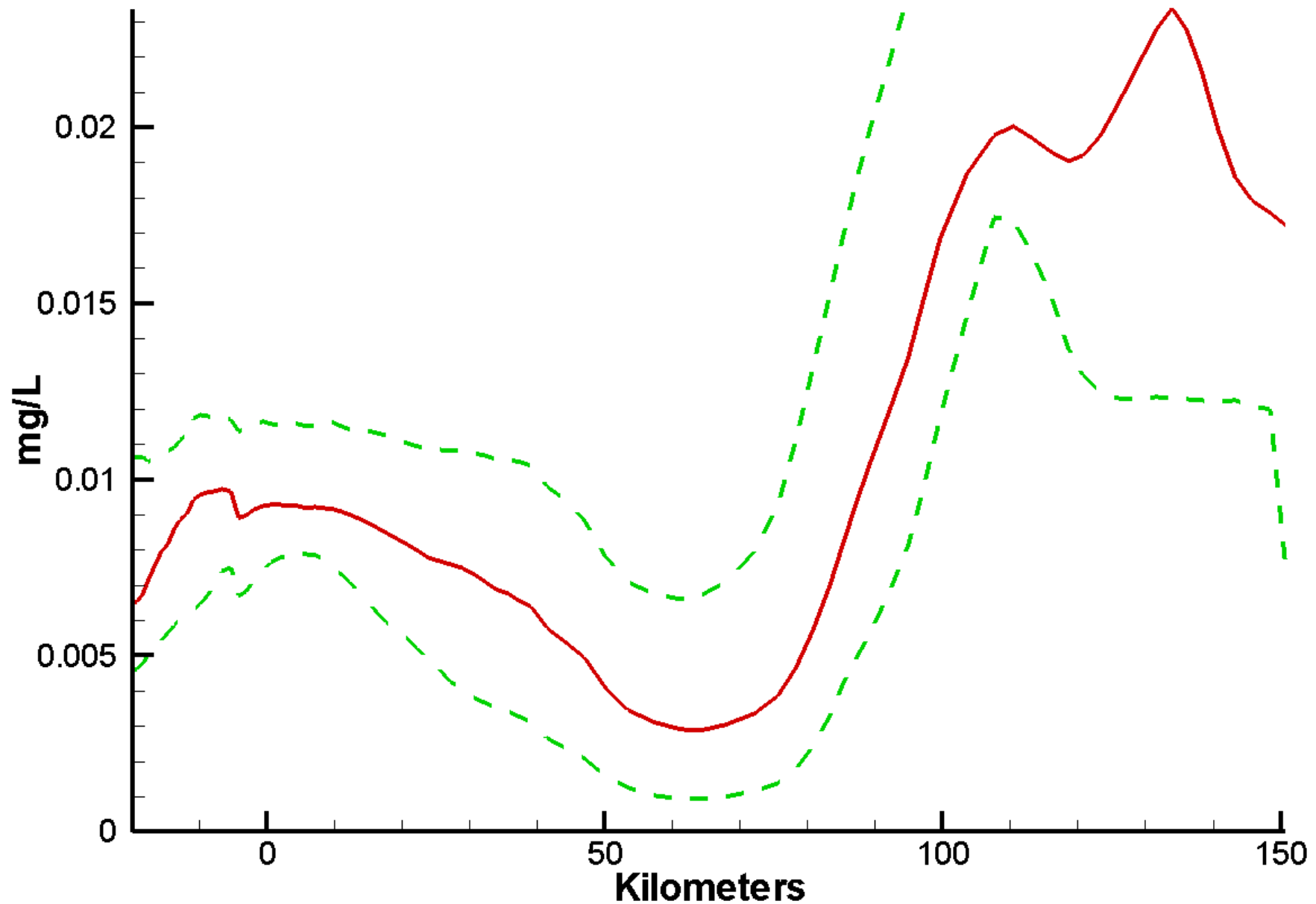
# James River Ches2015 Run118

## Surface Nitrate Summer 1999



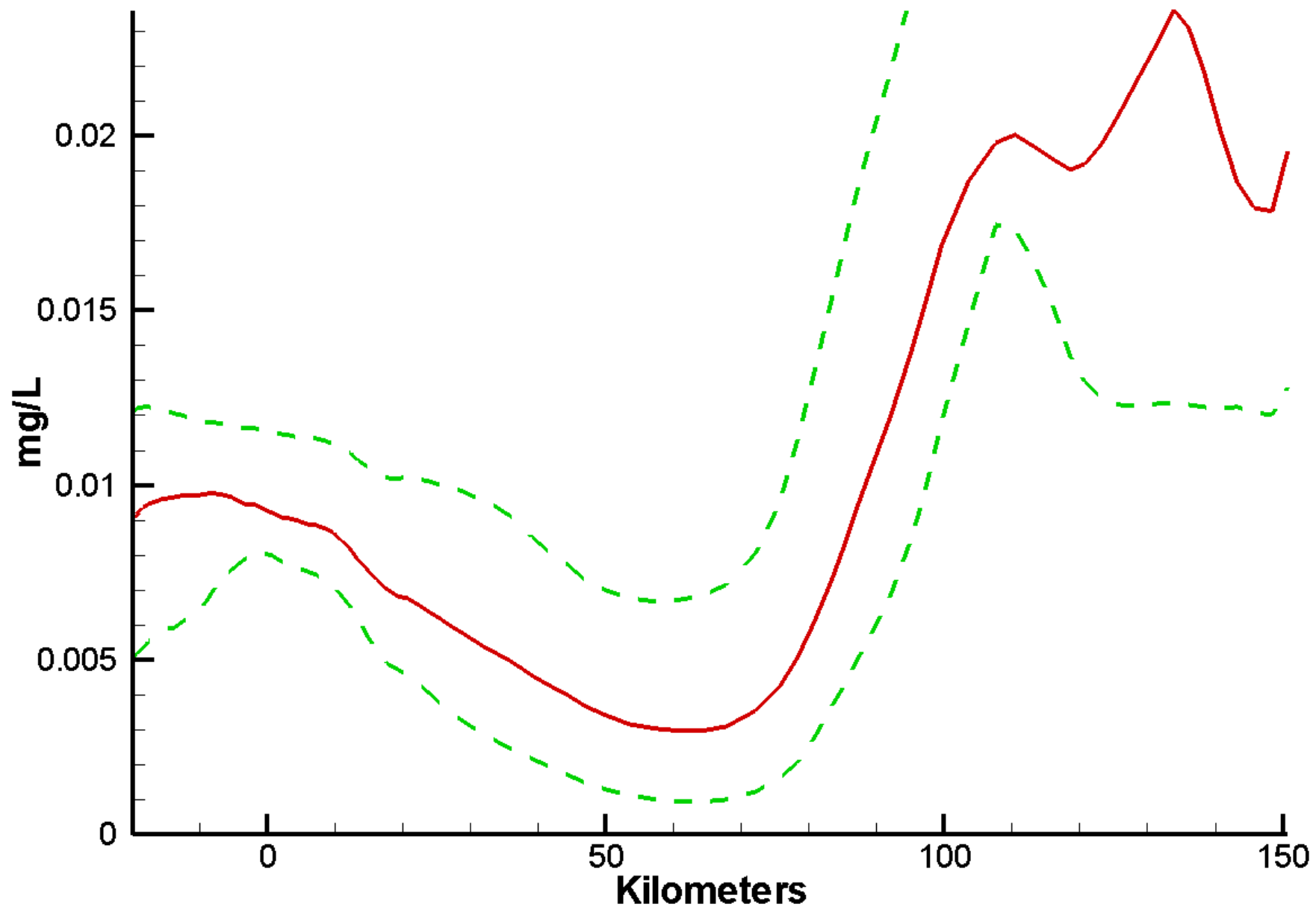
# James River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Summer 1999



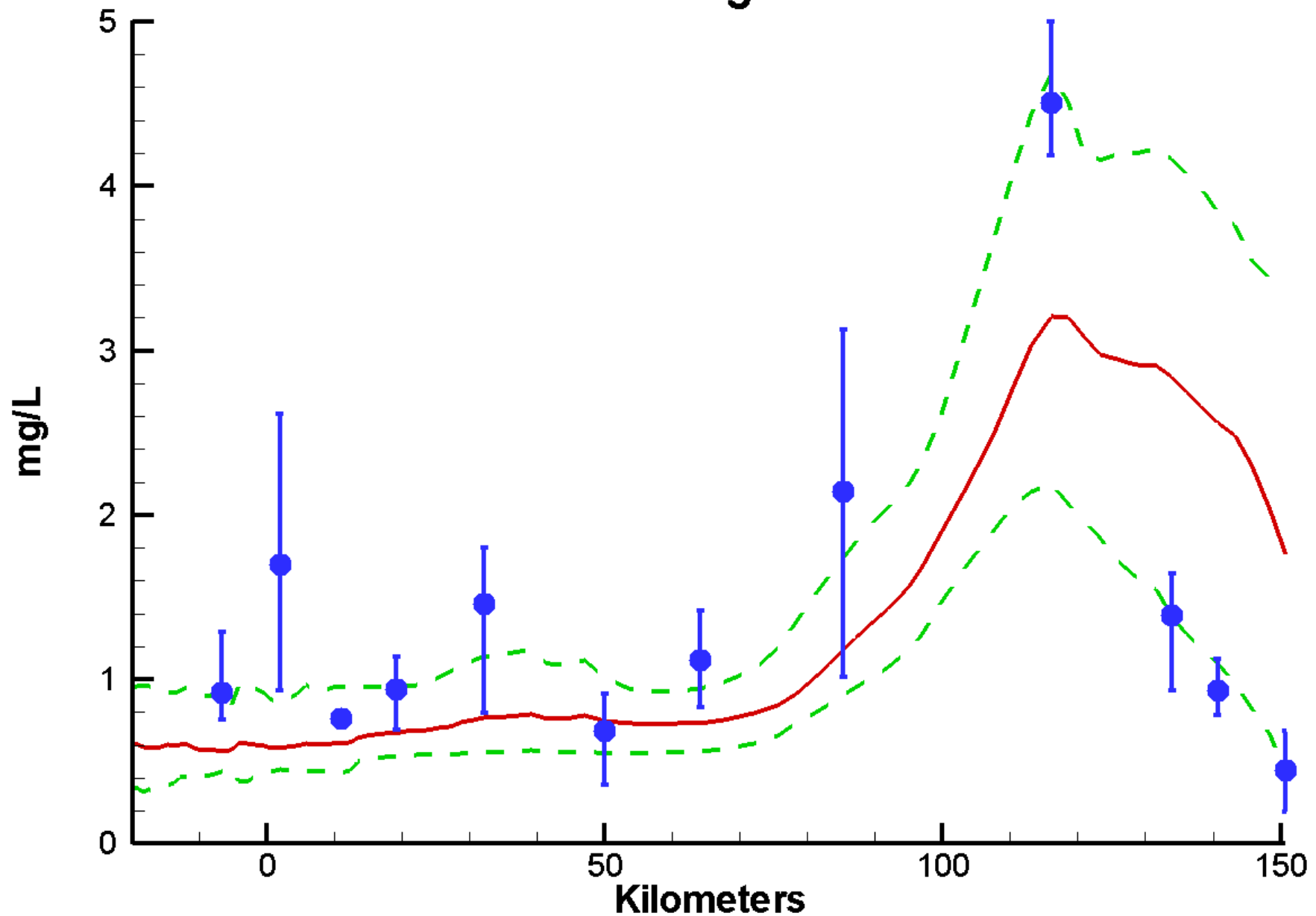
# James River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



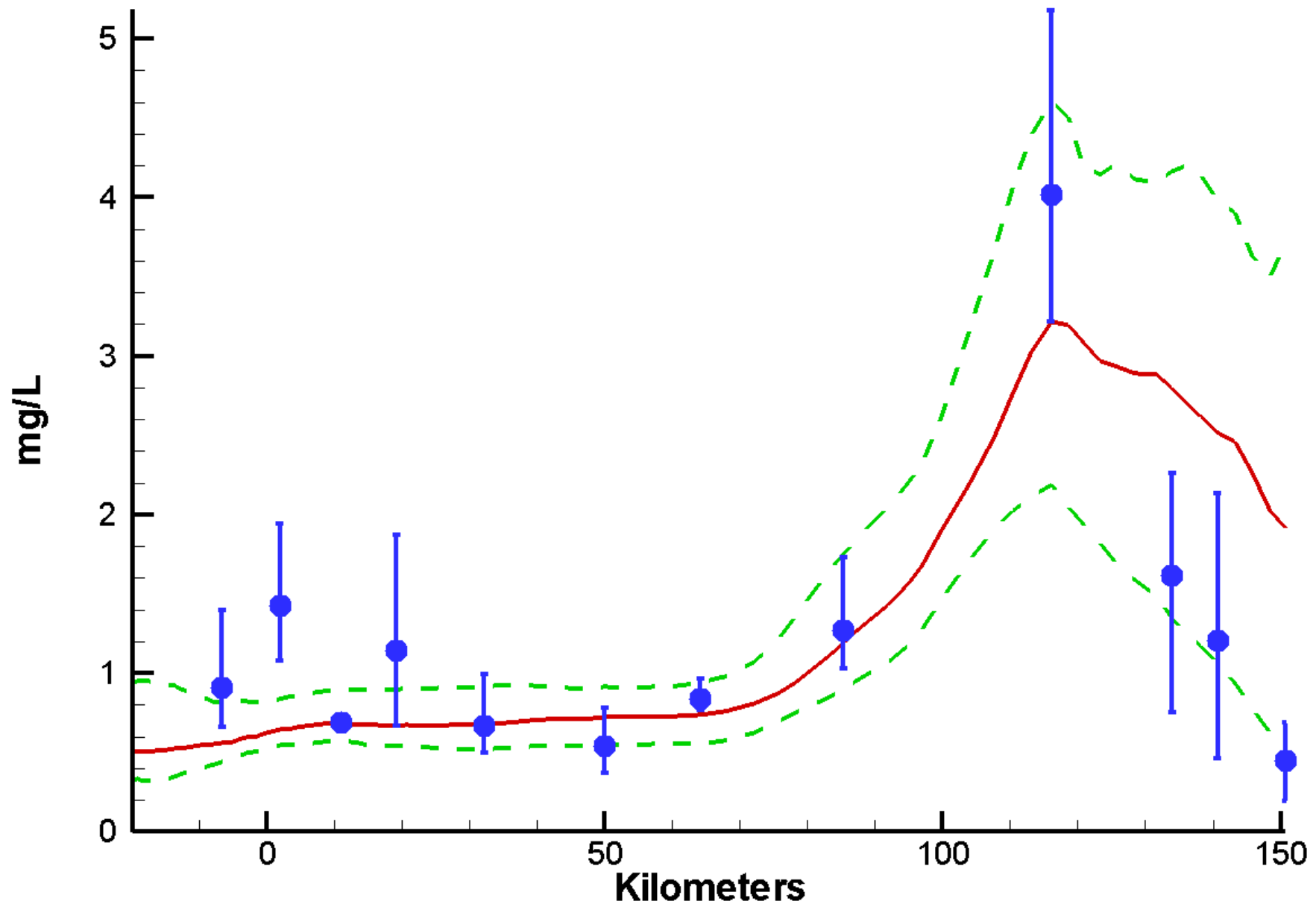
# James River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1999



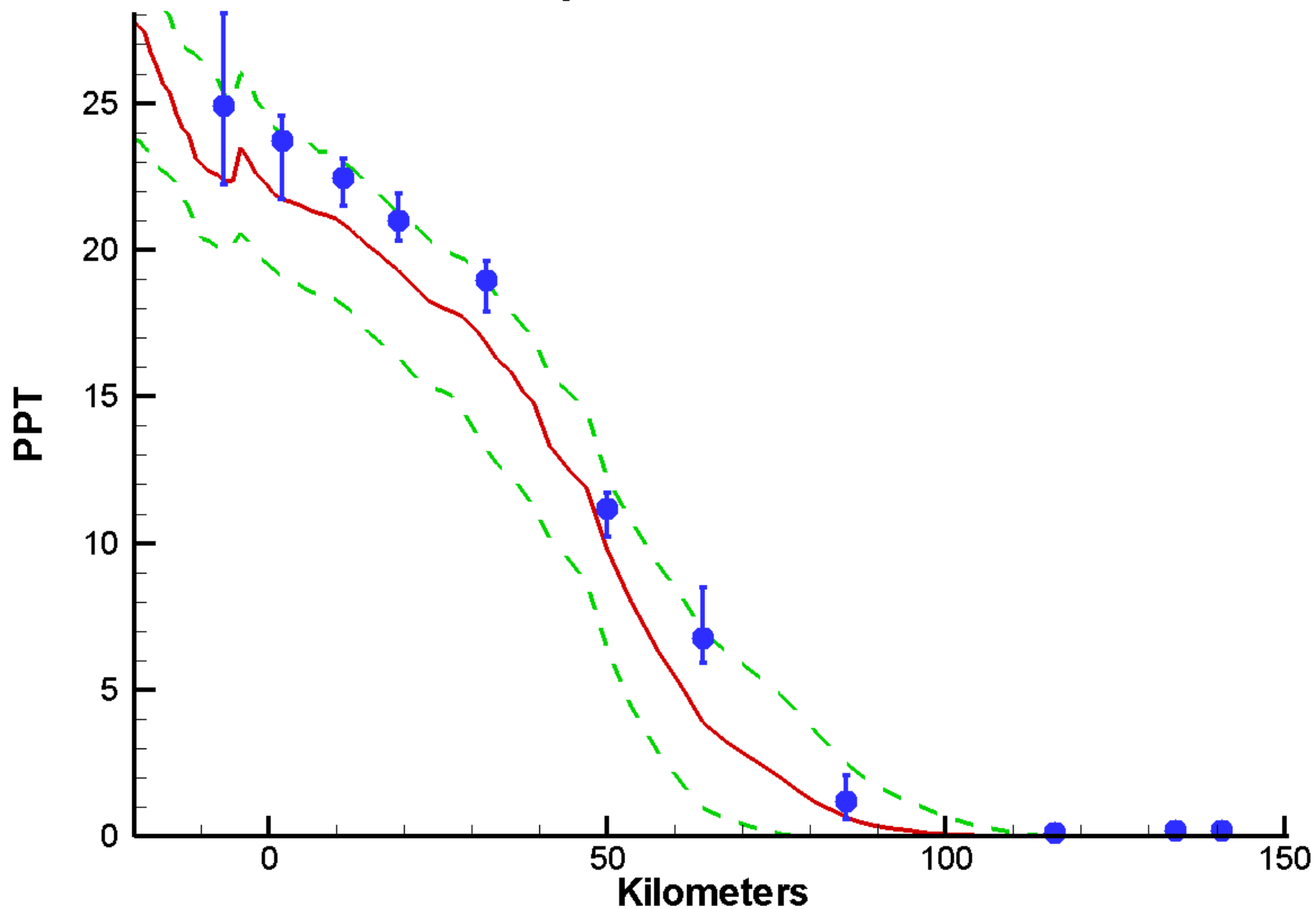
# James River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1999



# James River Ches2015 Run118

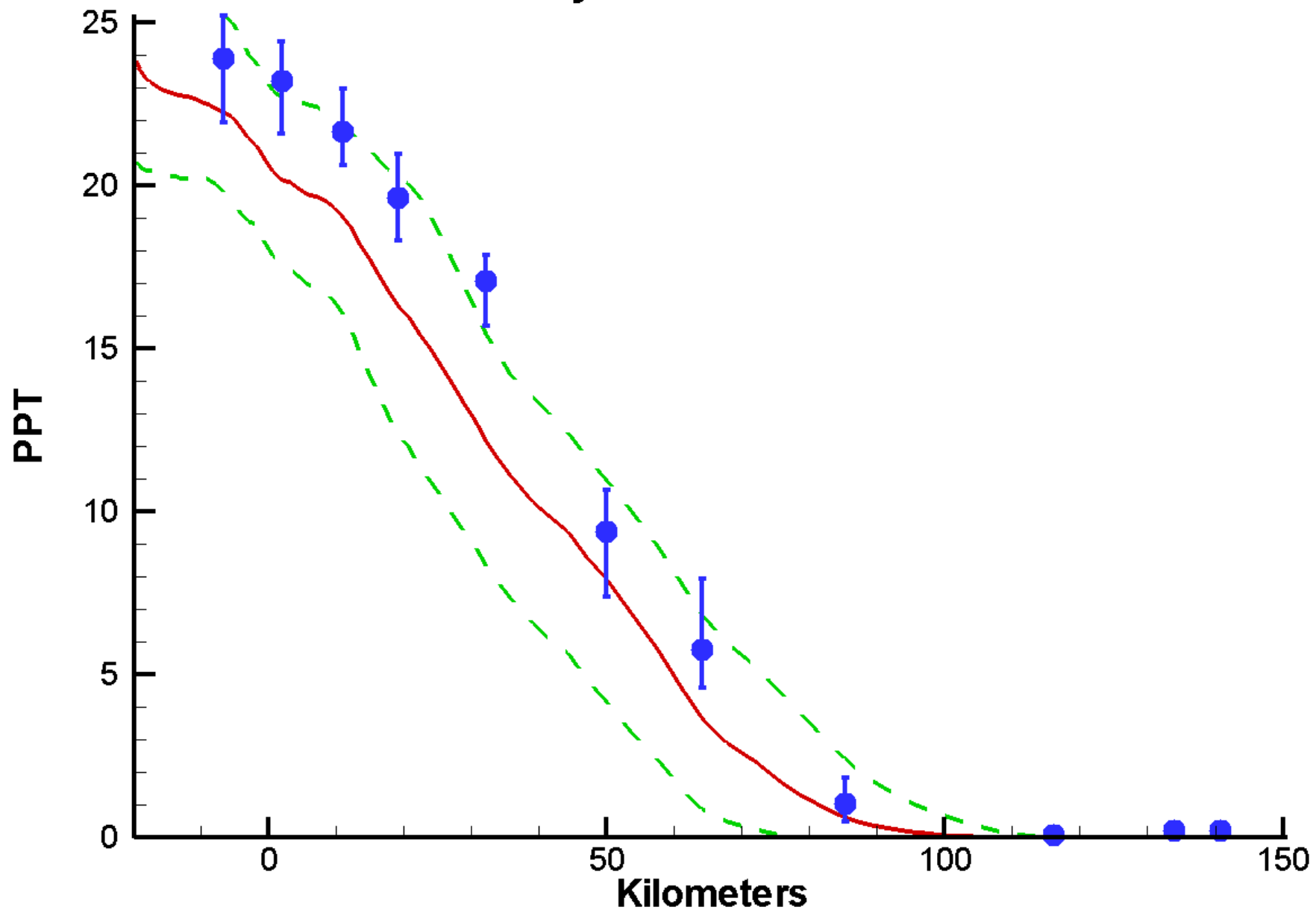
## Bottom Salinity Summer 1999





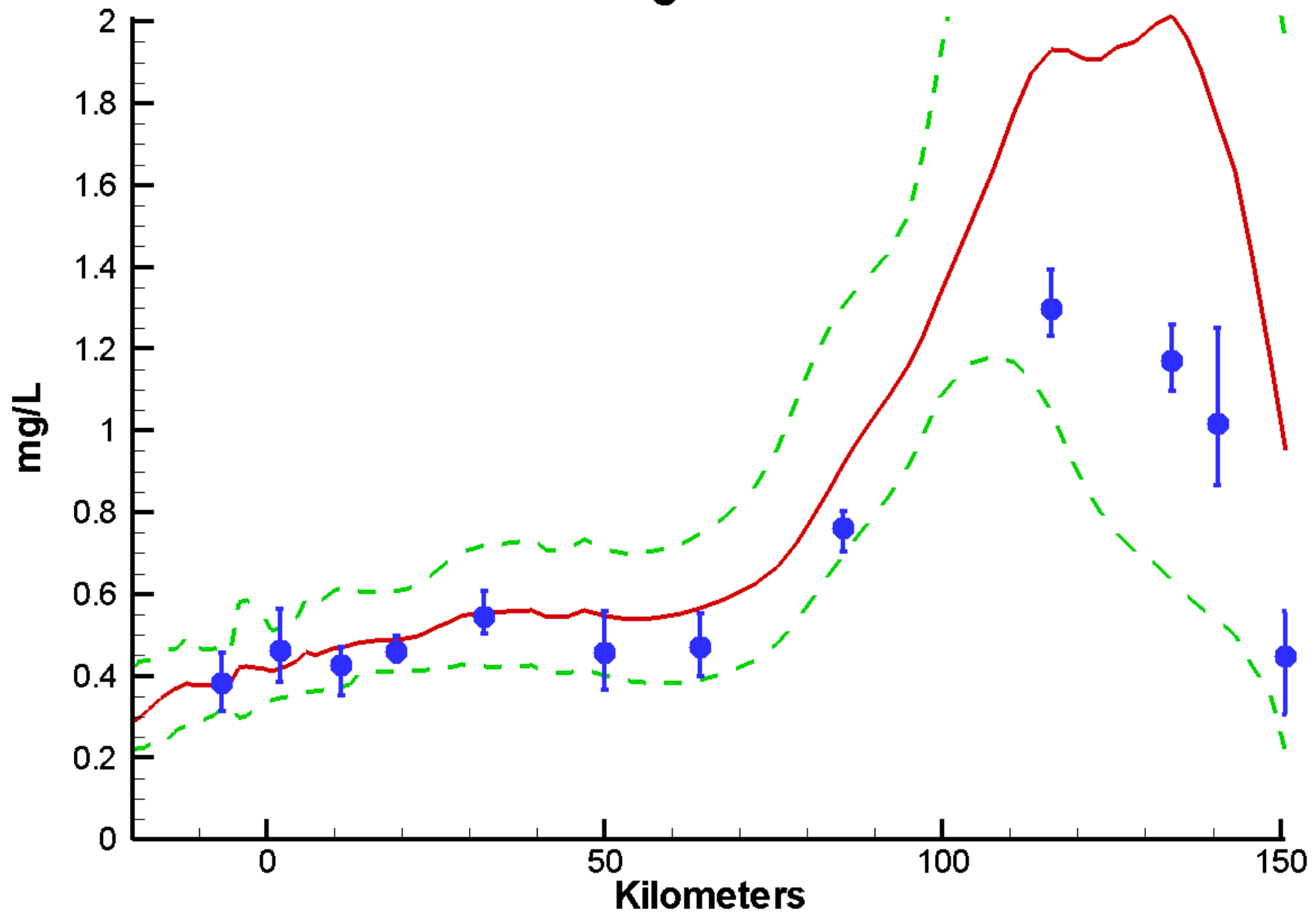
# James River Ches2015 Run118

## Surface Salinity Summer 1999



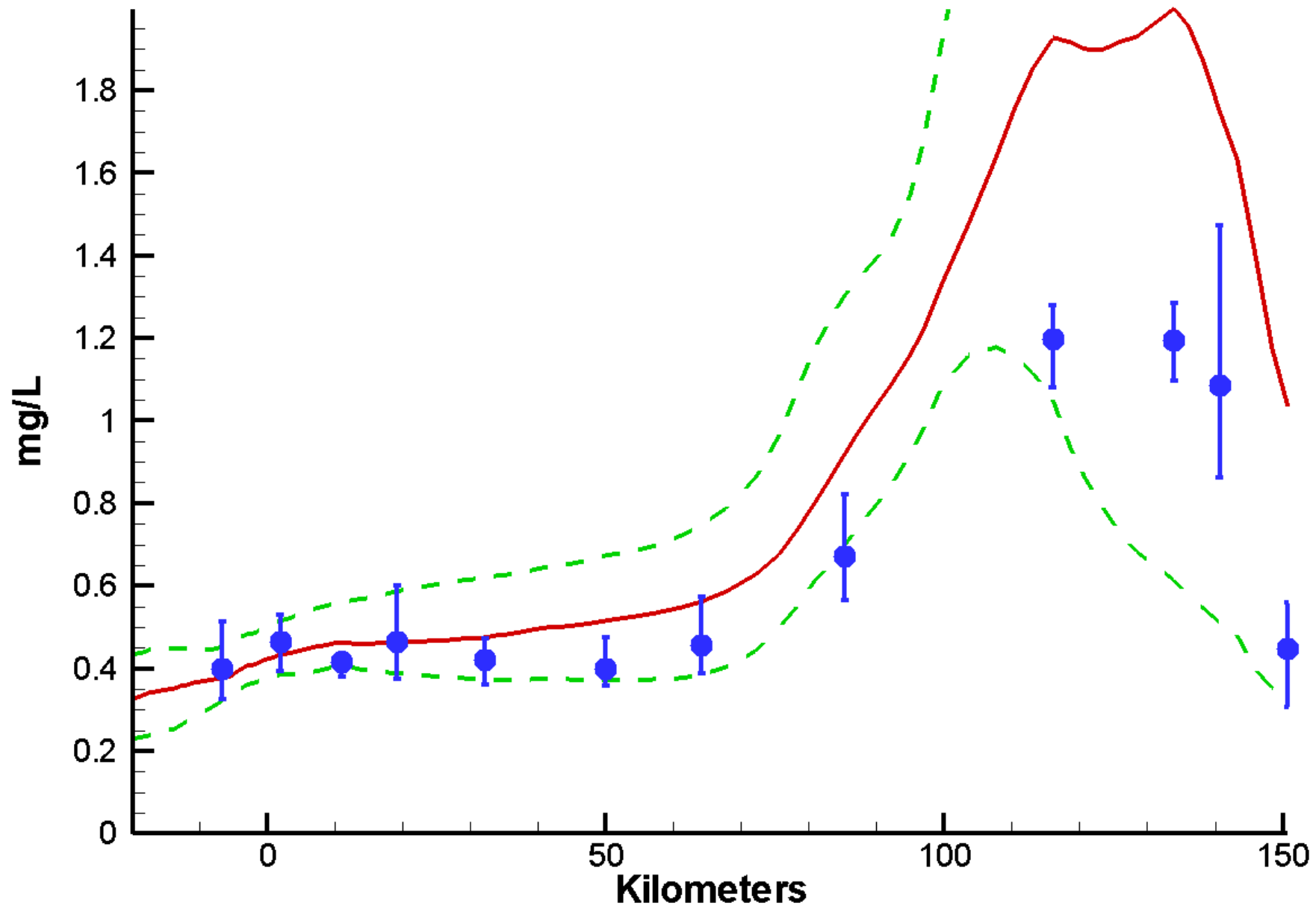
# James River Ches2015 Run118

## Bottom Total Nitrogen Summer 1999

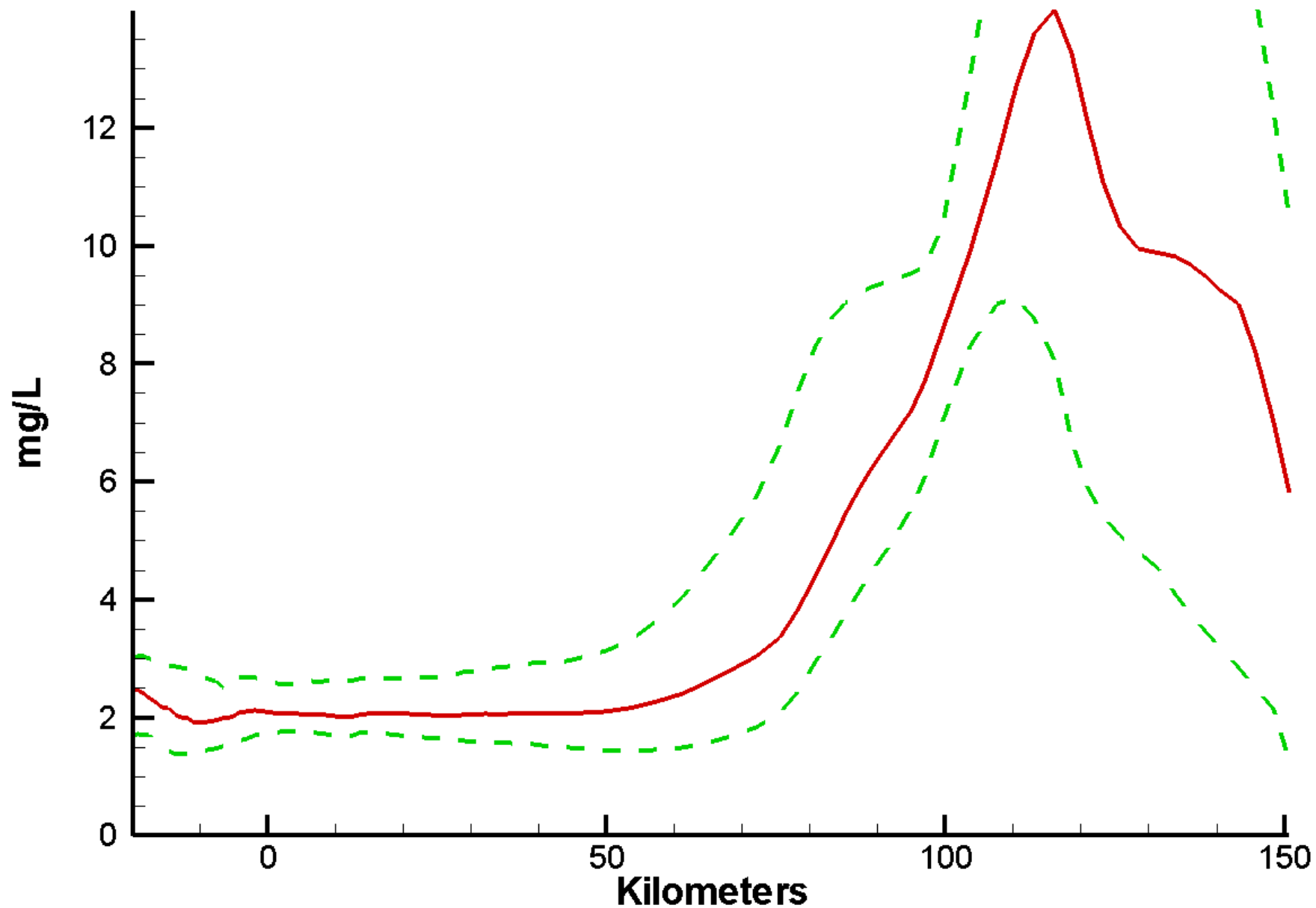


# James River Ches2015 Run118

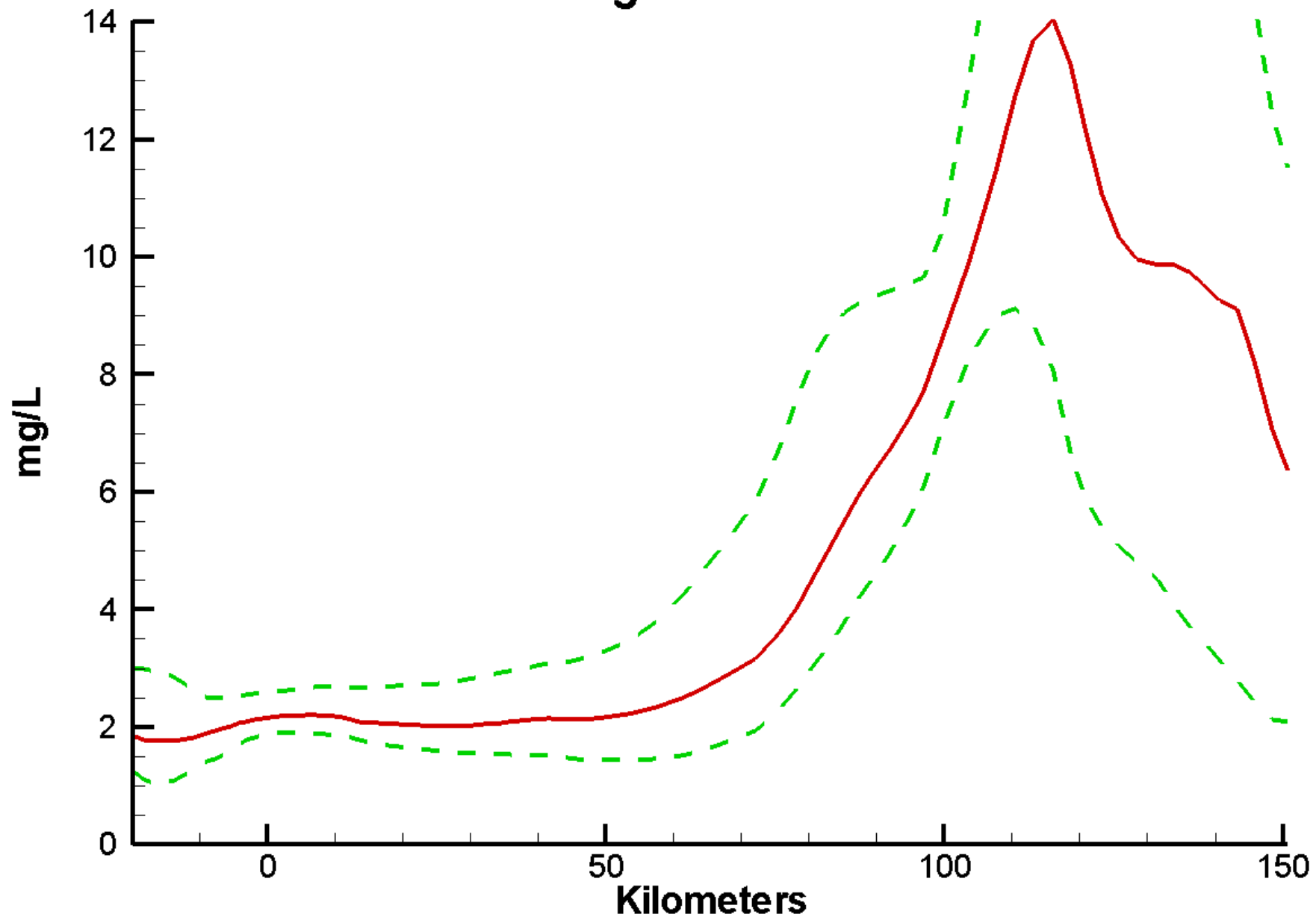
## Surface Total Nitrogen Summer 1999



**James River Ches2015 Run118**  
**Bottom Total Organic Carbon Summer 1999**

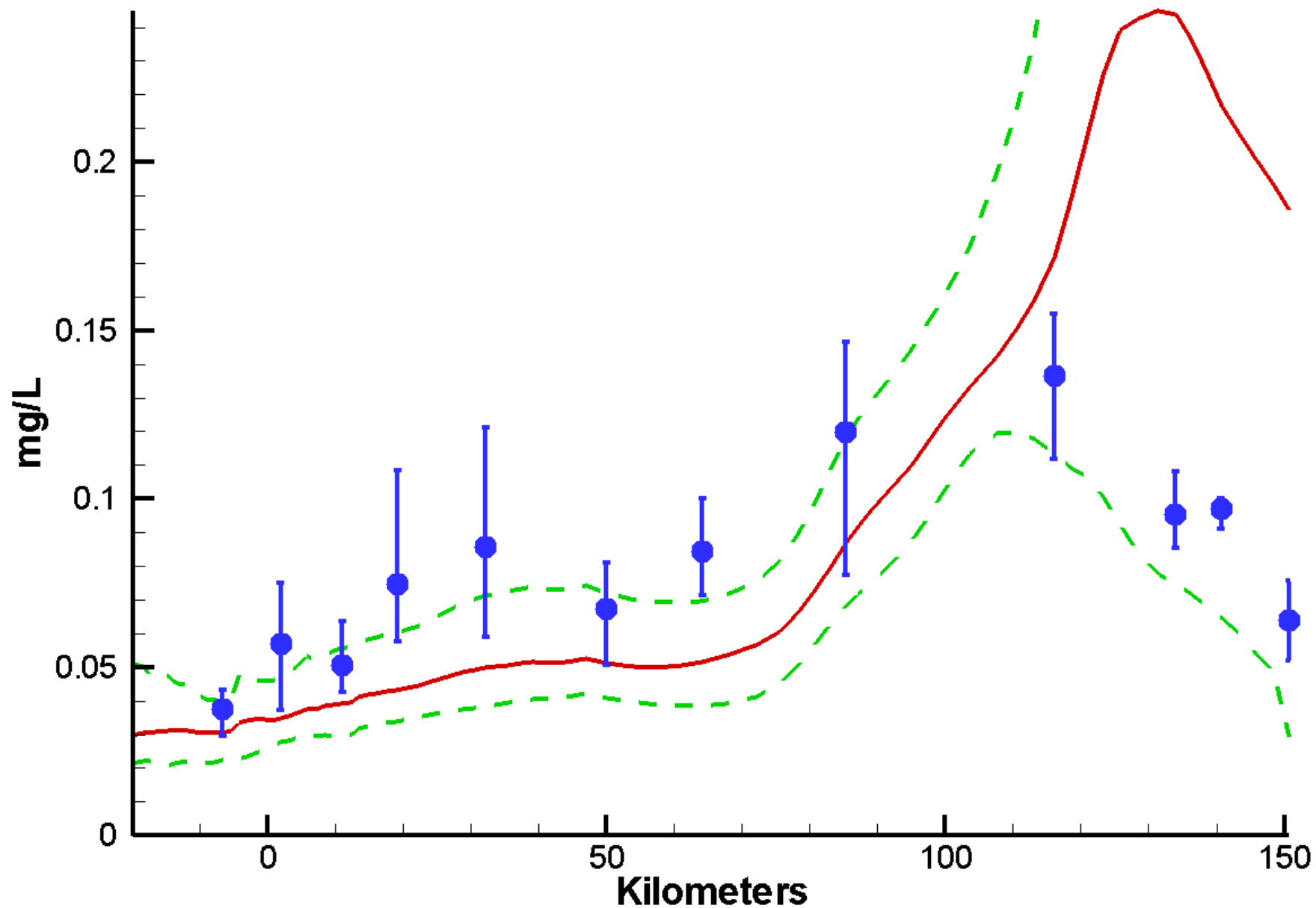


**James River Ches2015 Run118**  
**Surface Total Organic Carbon Summer 1999**



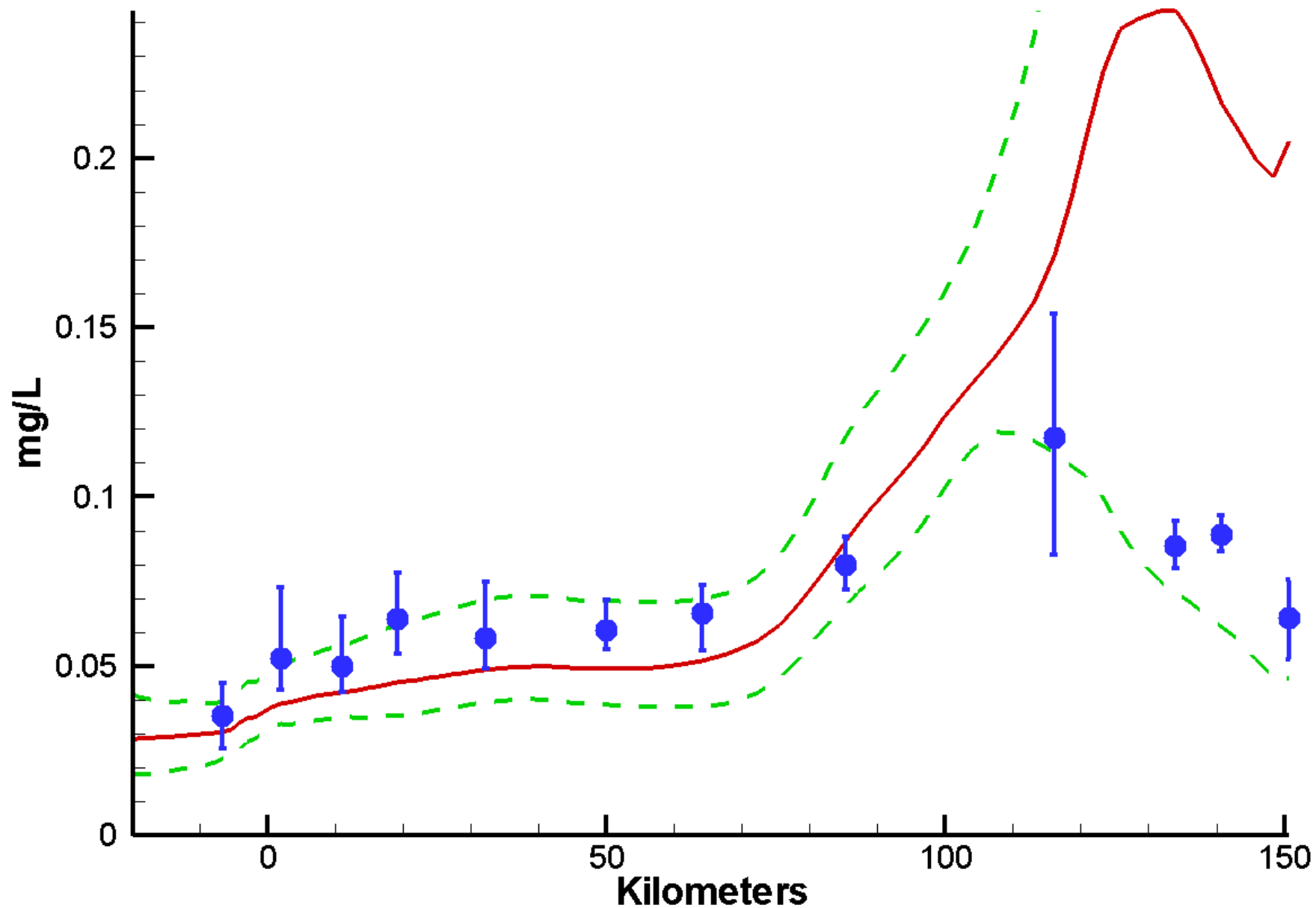
# James River Ches2015 Run118

## Bottom Total Phosphorus Summer 1999



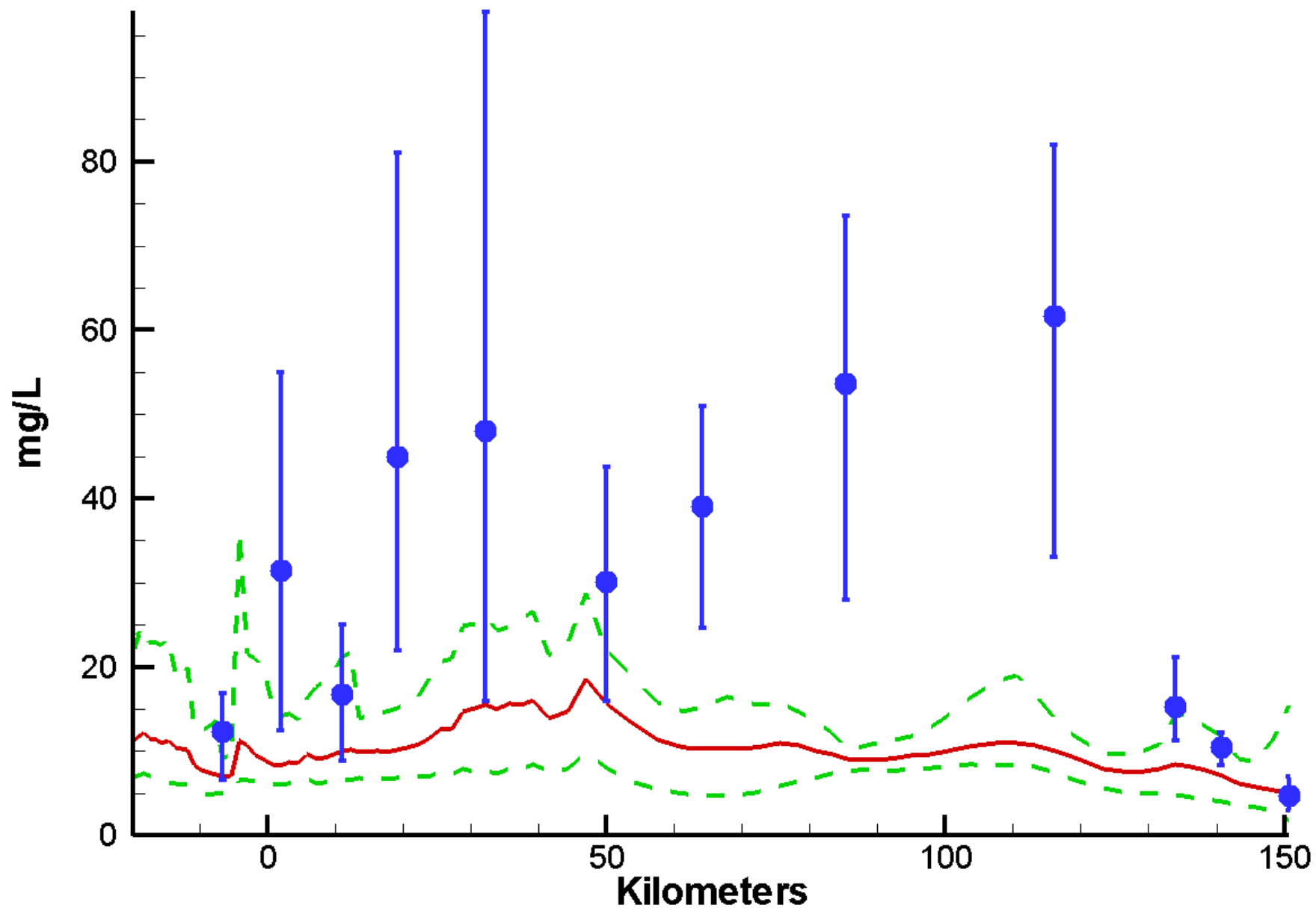
# James River Ches2015 Run118

## Surface Total Phosphorus Summer 1999



# James River Ches2015 Run118

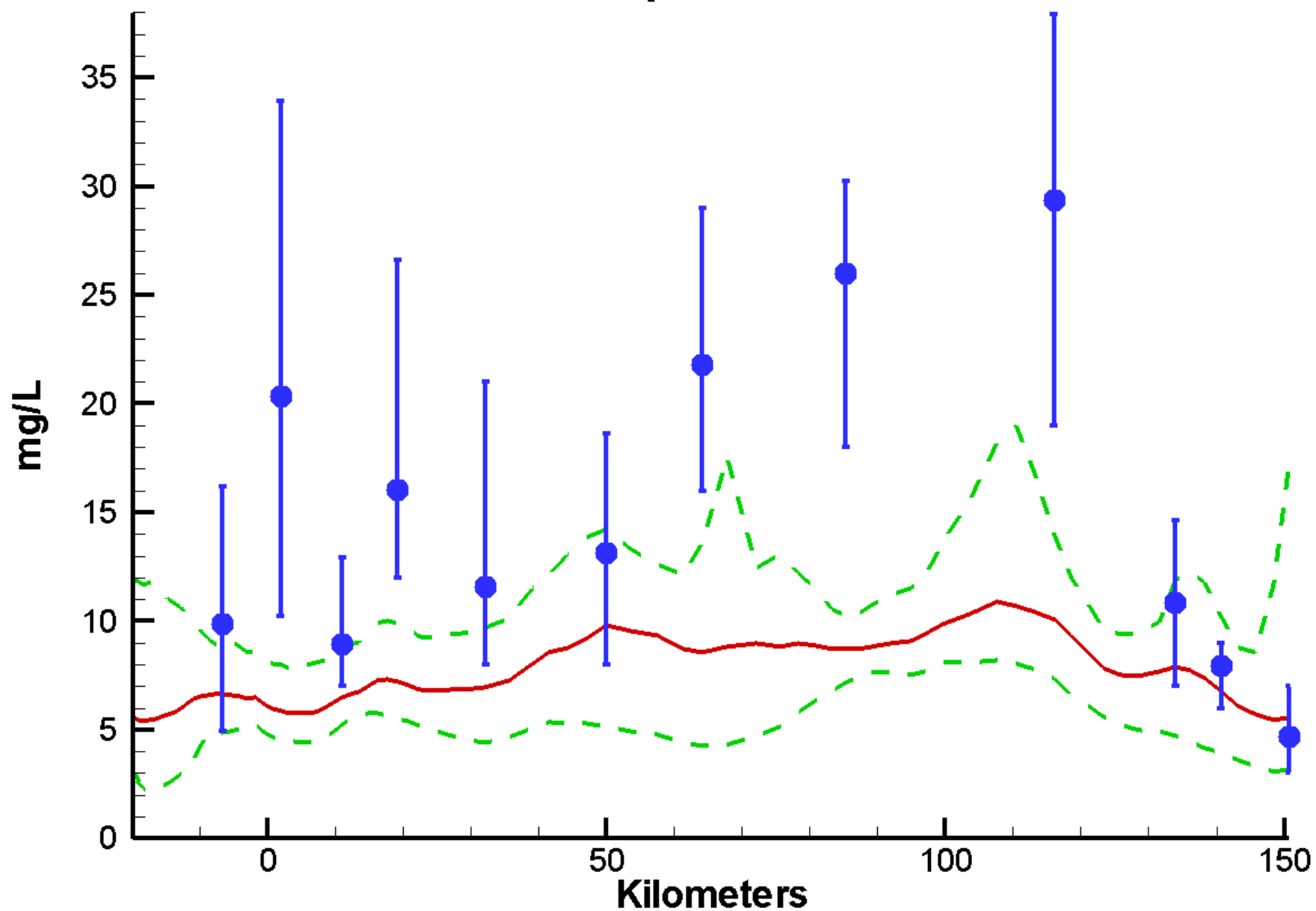
## Bottom Total Suspended Solids Summer 1999





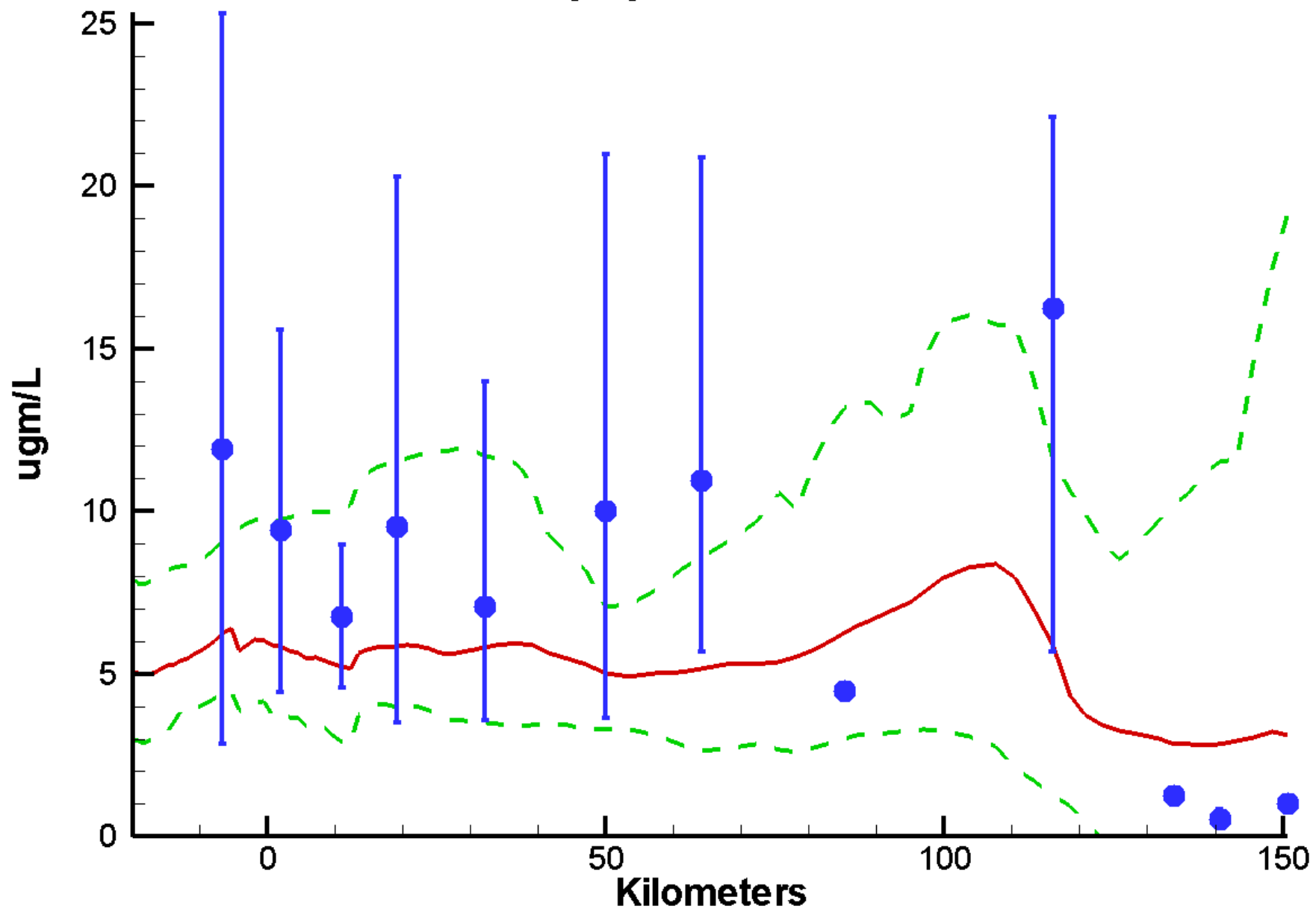
# James River Ches2015 Run118

## Surface Total Suspended Solids Summer 1999



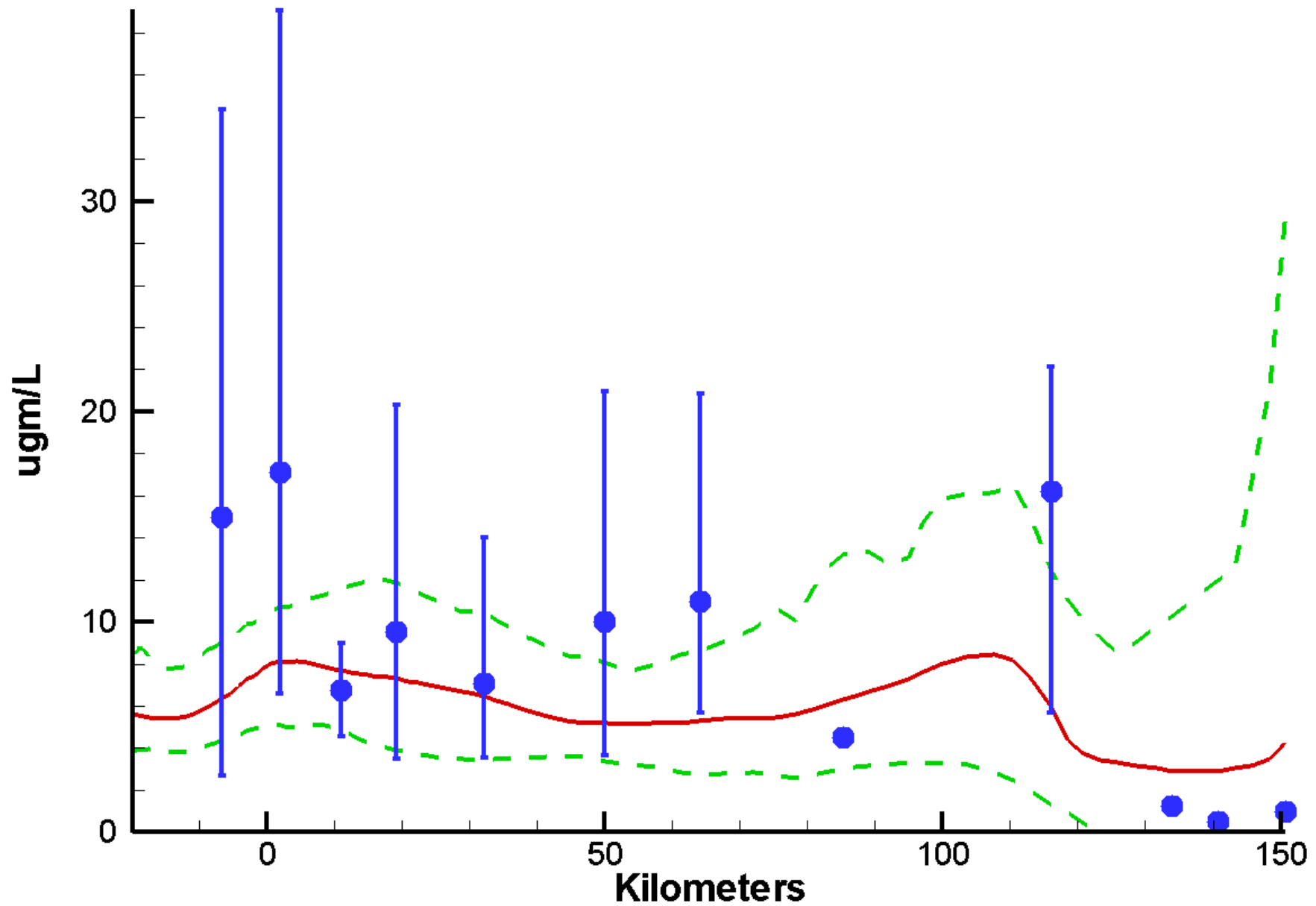
# James River Ches2015 Run118

## Bottom Chlorophyll Fall 1999



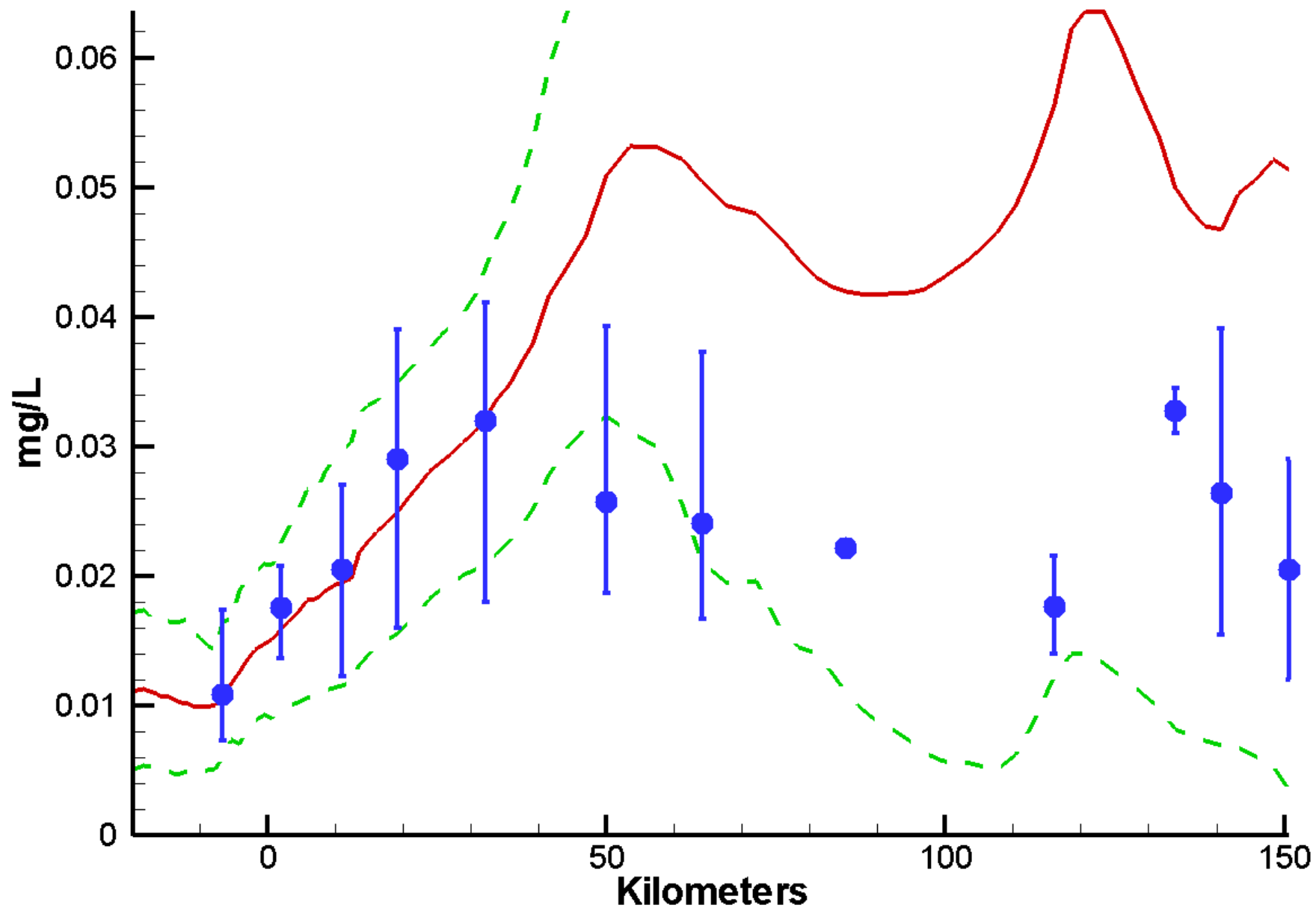
# James River Ches2015 Run118

## Surface Chlorophyll Fall 1999



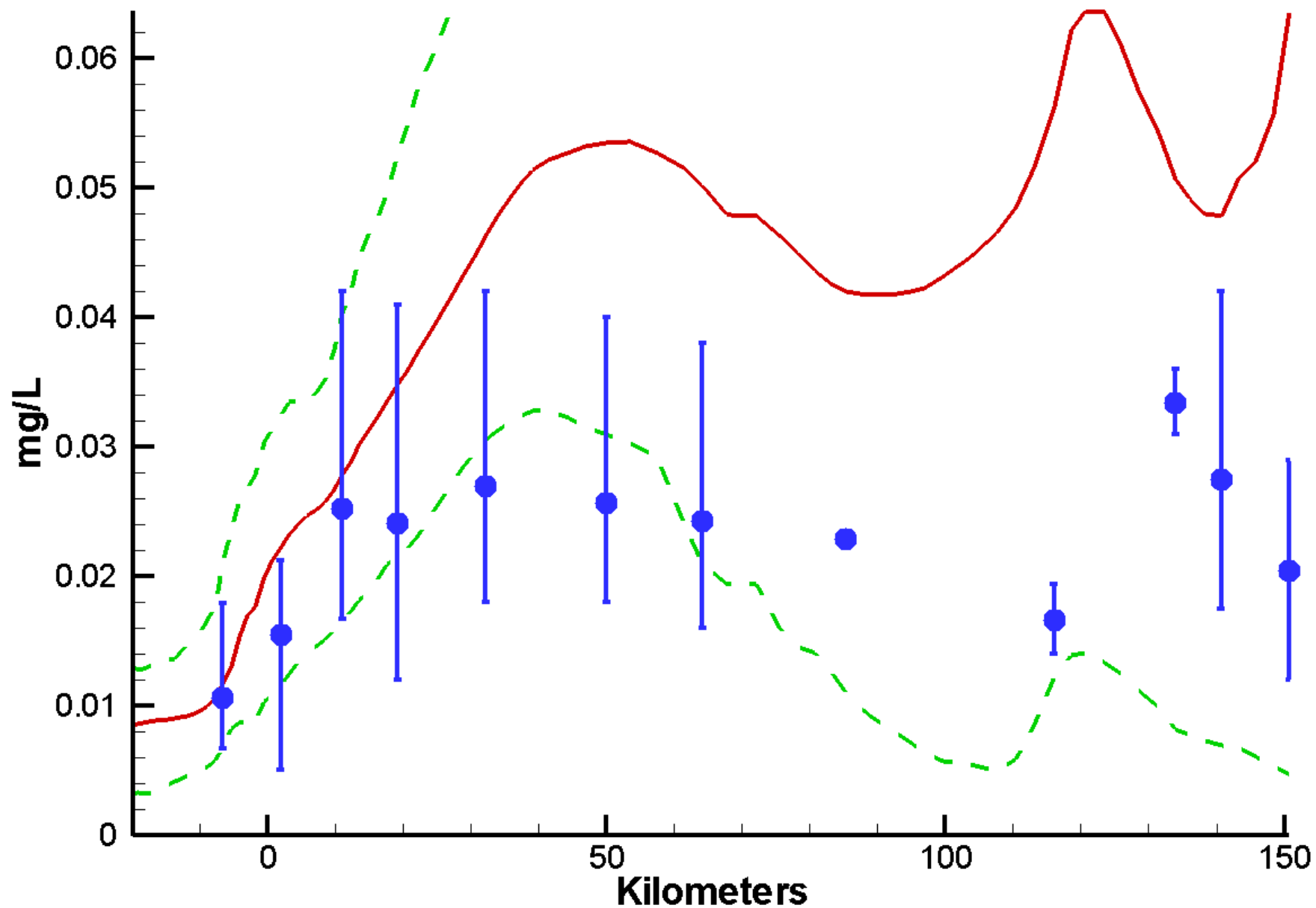
# James River Ches2015 Run118

## Bottom Dissolved Phosphate Fall 1999



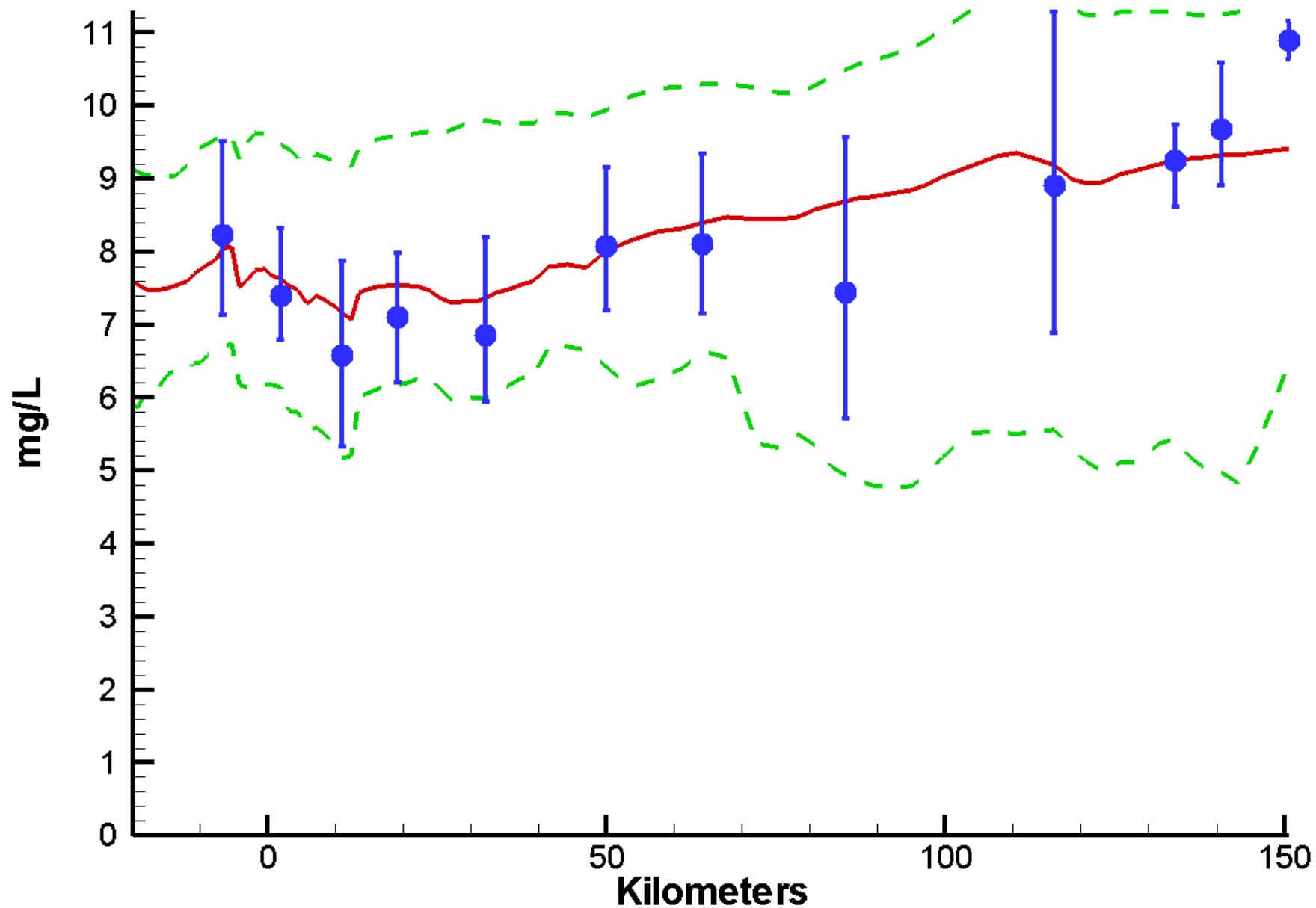
# James River Ches2015 Run118

## Surface Dissolved Phosphate Fall 1999



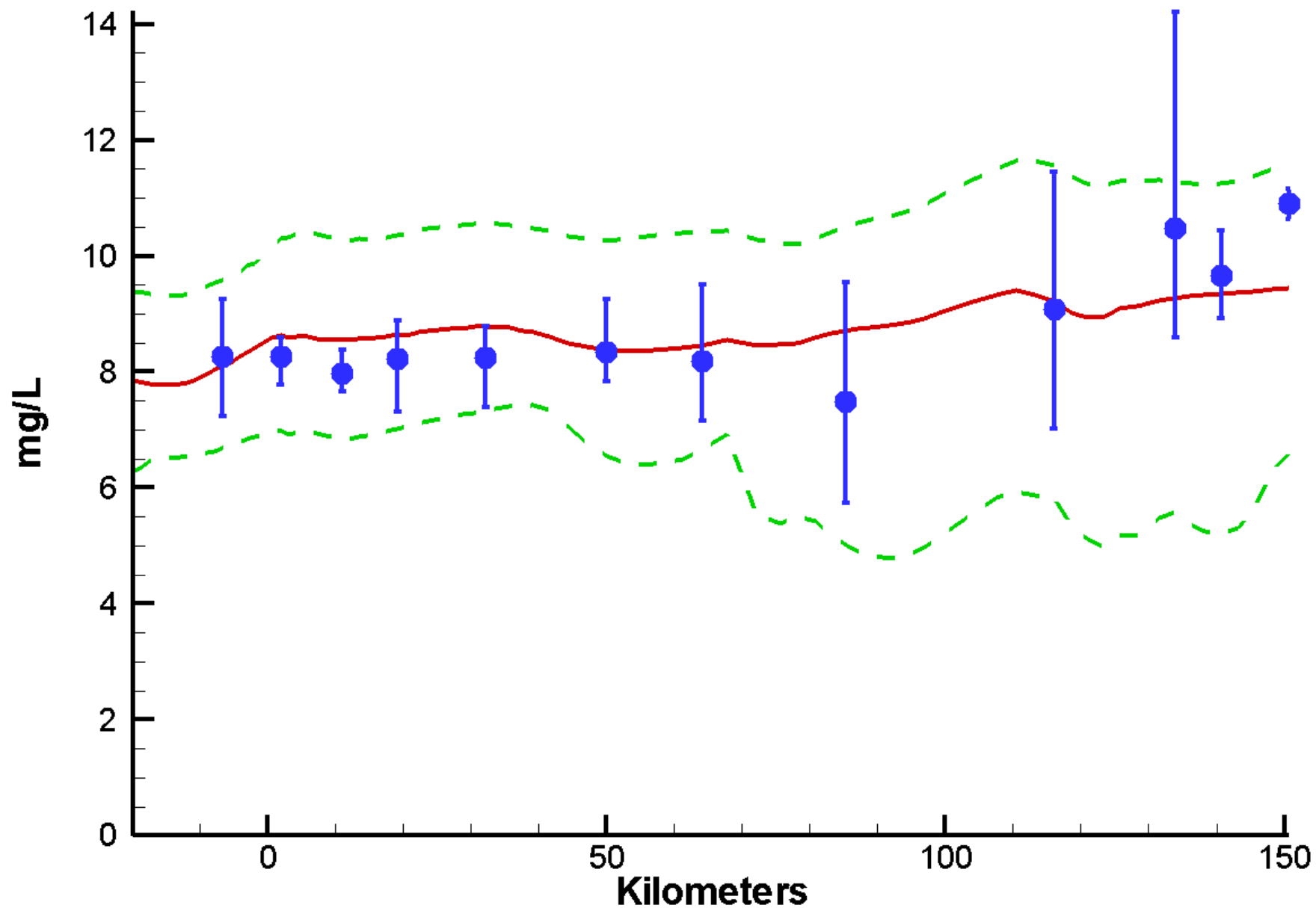
# James River Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1999



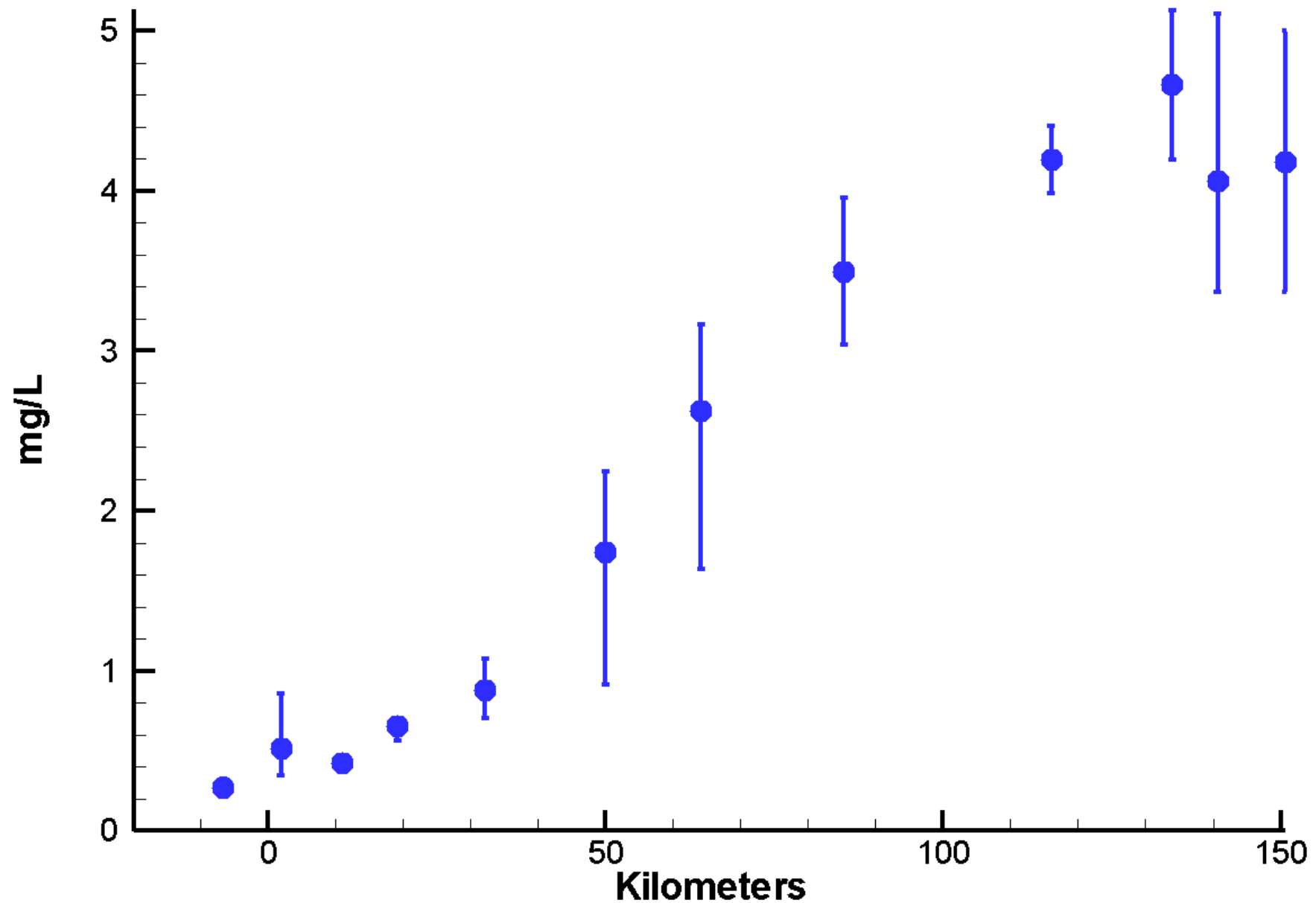
# James River Ches2015 Run118

## Surface Dissolved Oxygen Fall 1999



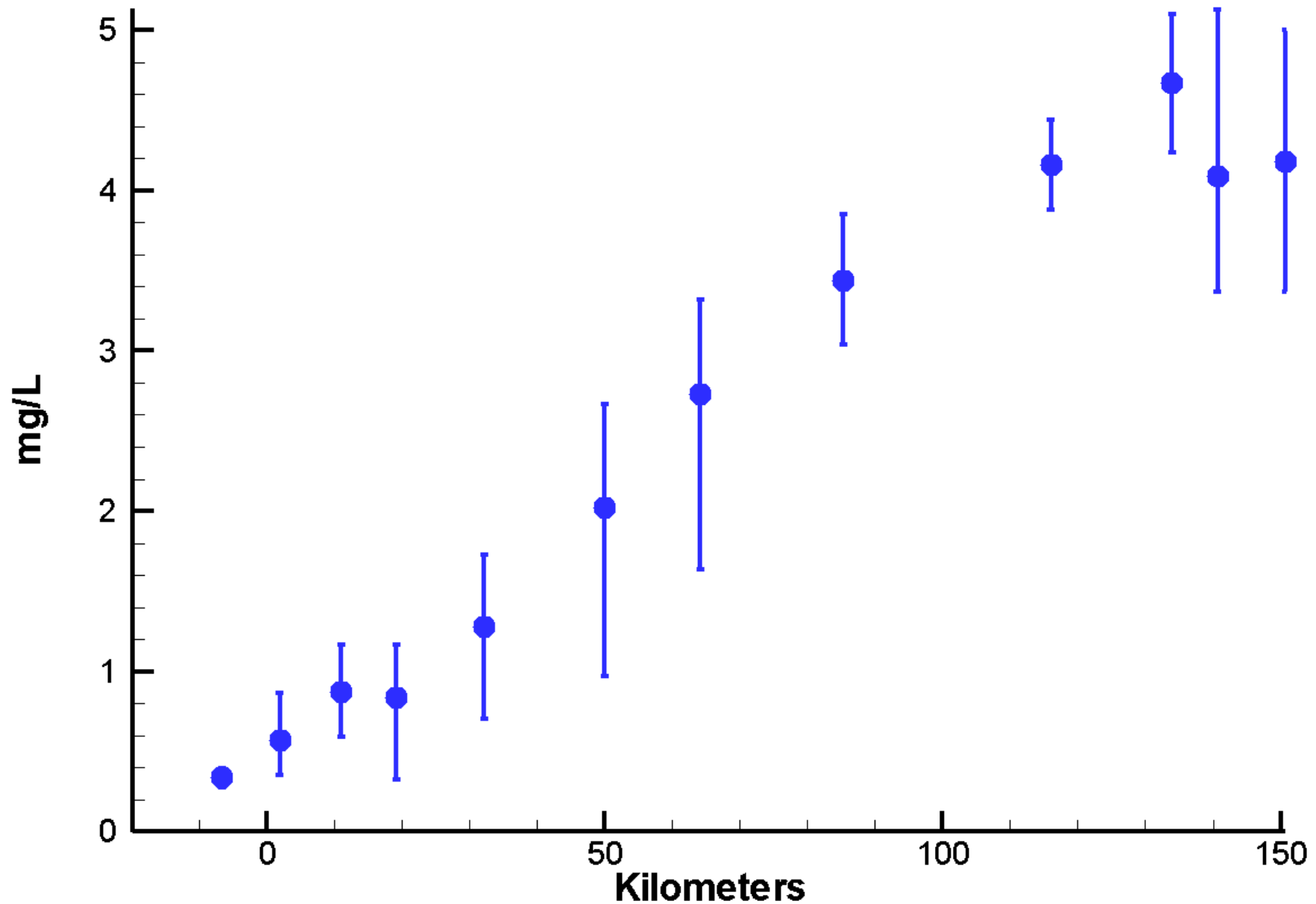
# James River Ches2015 Run118

## Bottom Dissolved Silica Fall 1999



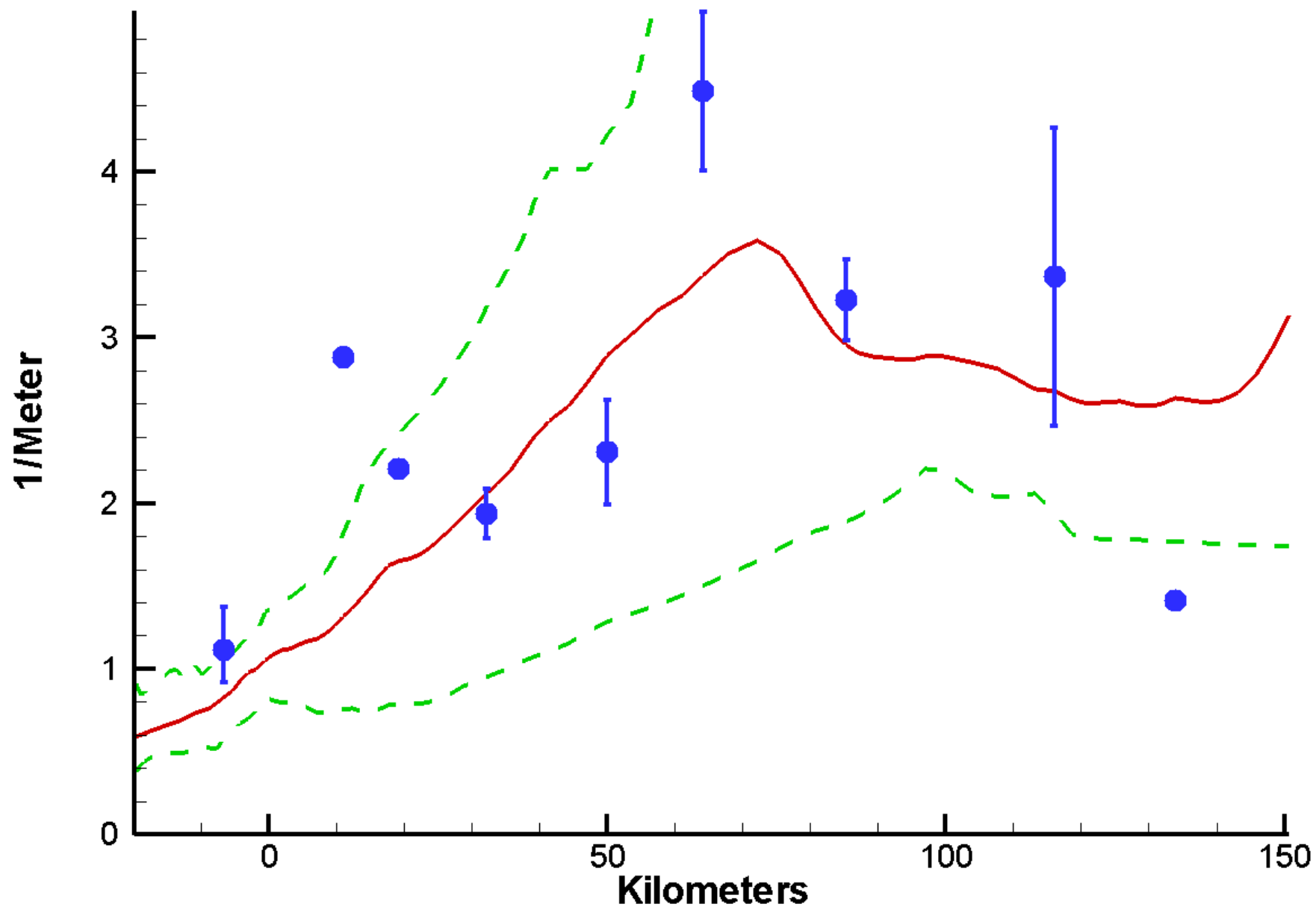


# James River Ches2015 Run118 Surface Dissolved Silica Fall 1999



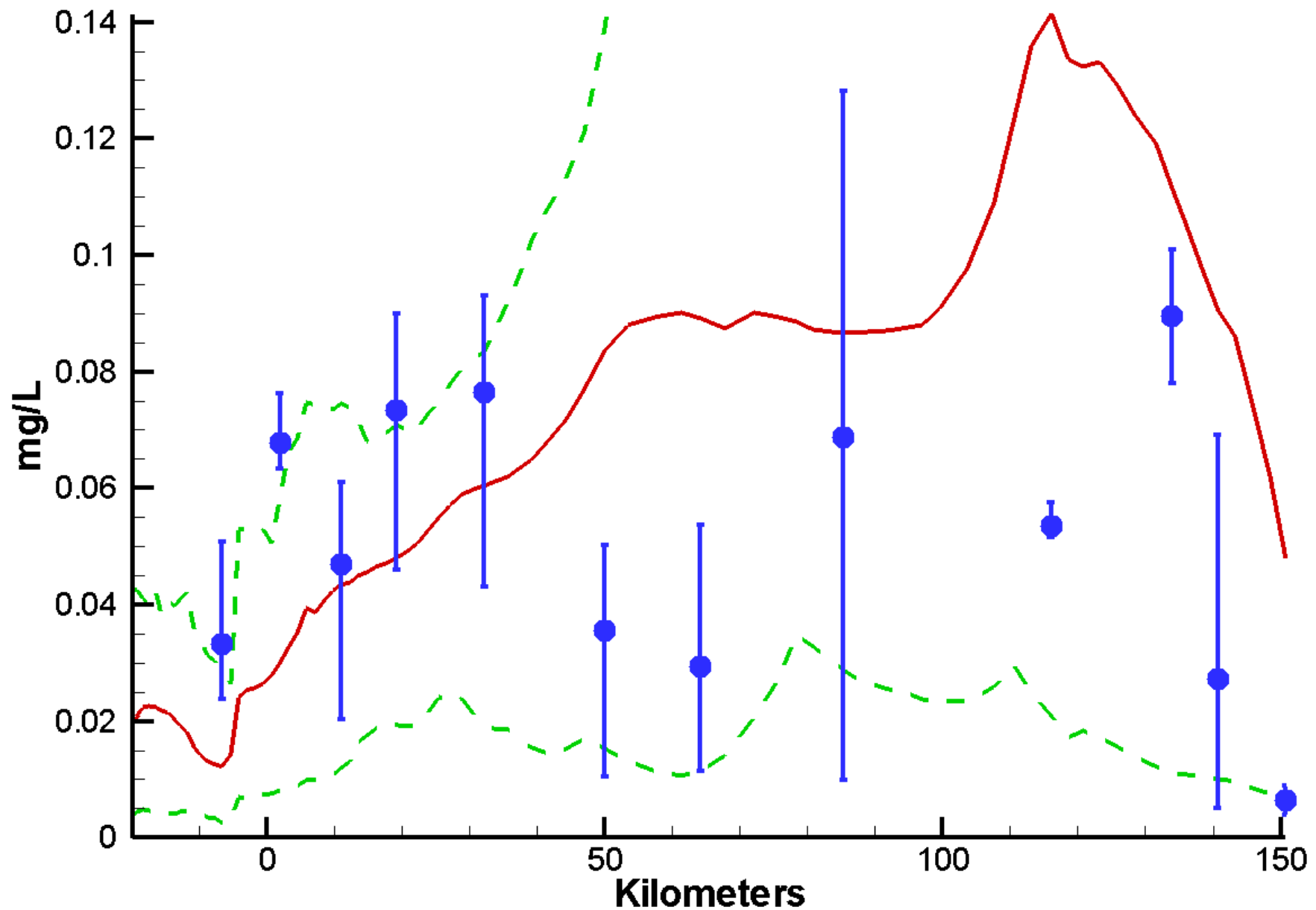
# James River Ches2015 Run118

## Surface Light Extinction Fall 1999

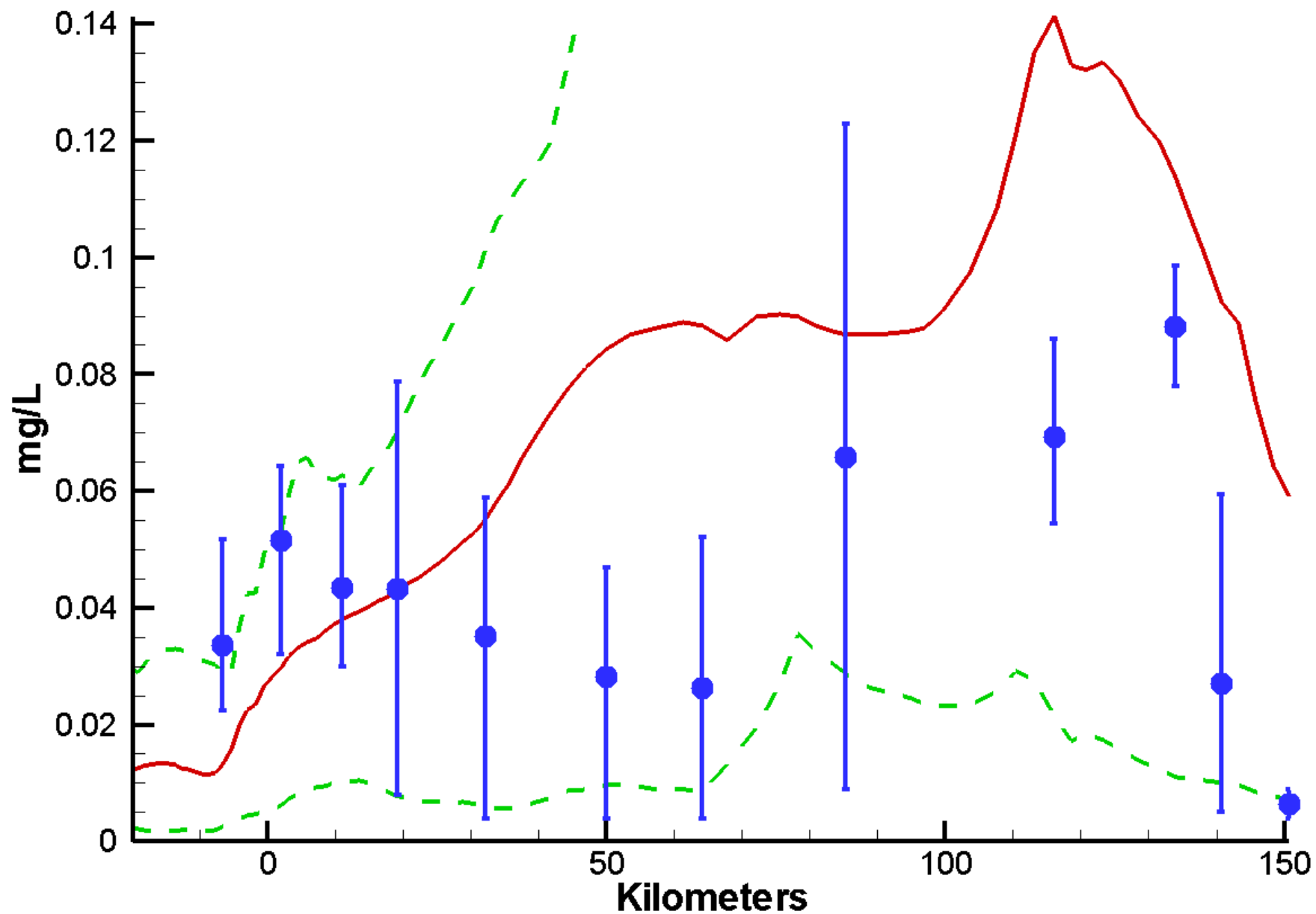


# James River Ches2015 Run118

## Bottom Ammonium Fall 1999

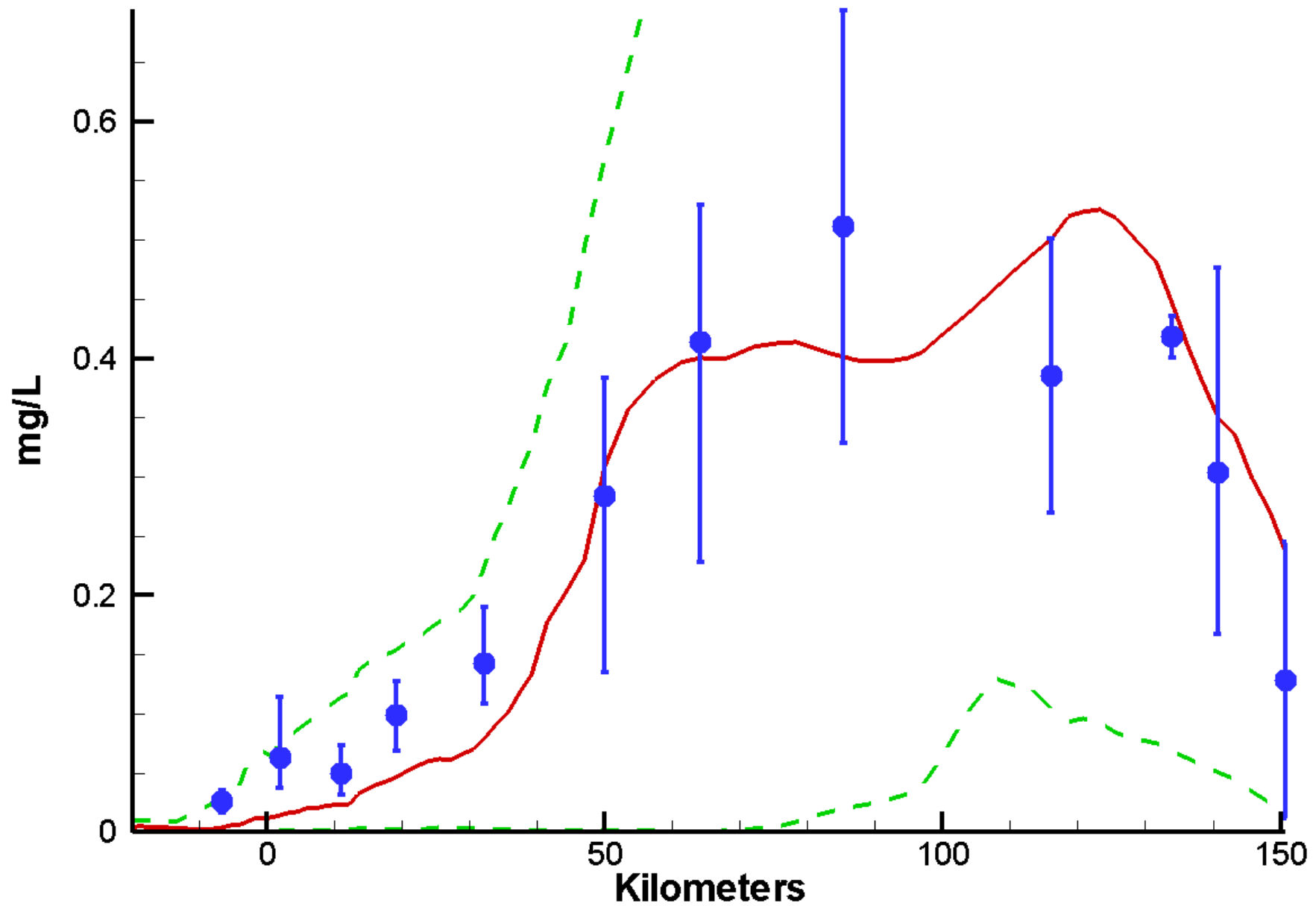


# James River Ches2015 Run118 Surface Ammonium Fall 1999



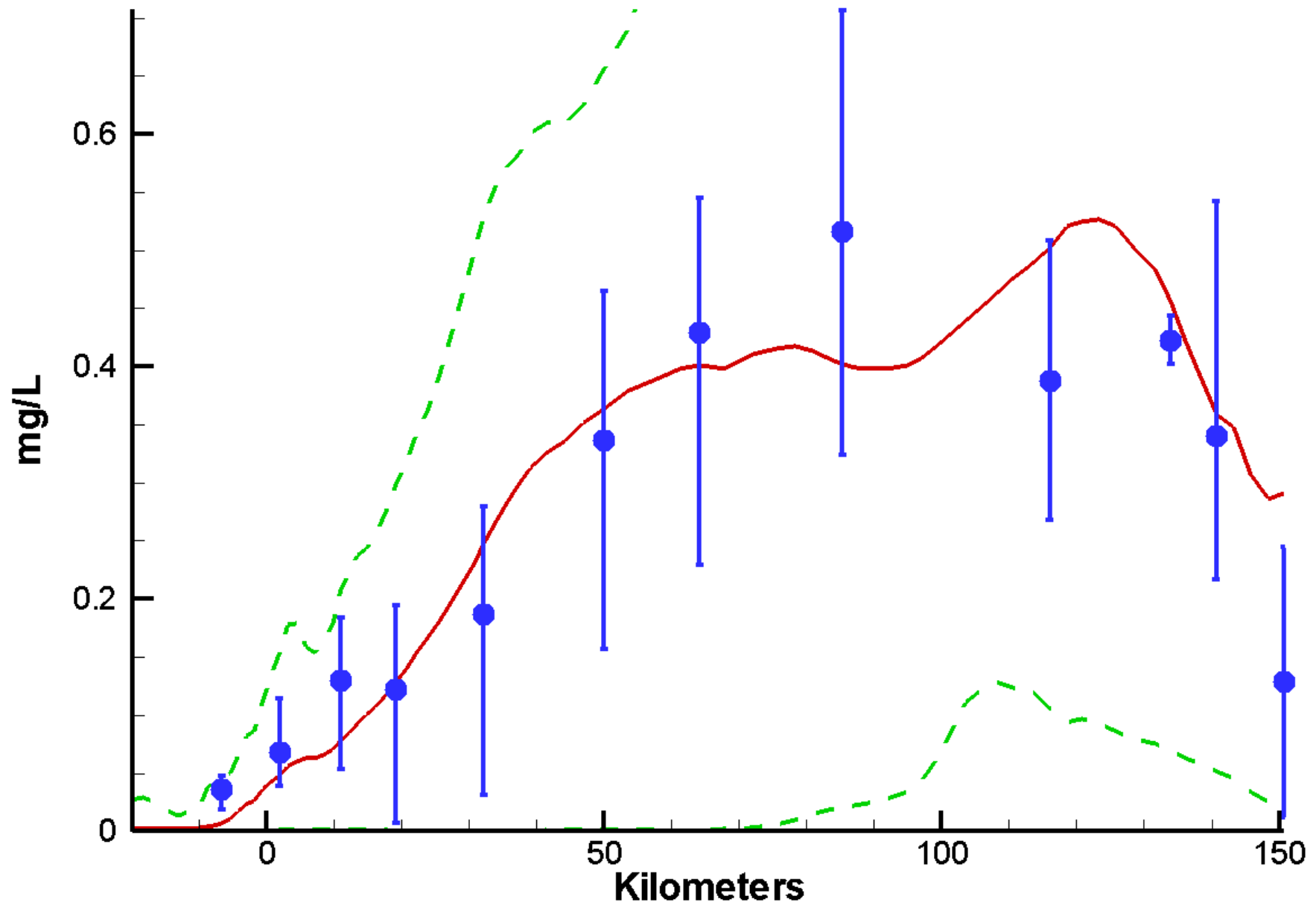
# James River Ches2015 Run118

## Bottom Nitrate Fall 1999

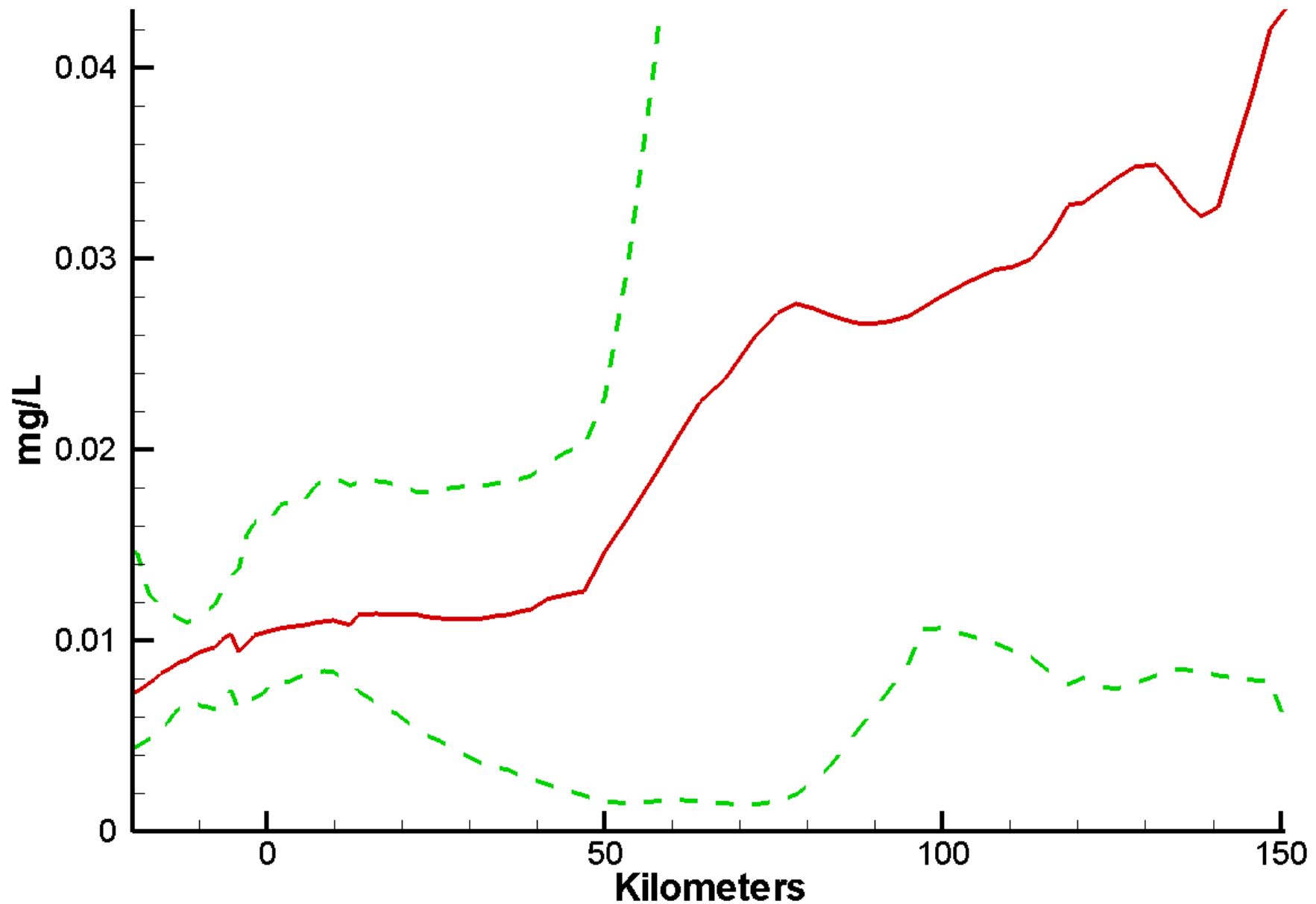


# James River Ches2015 Run118

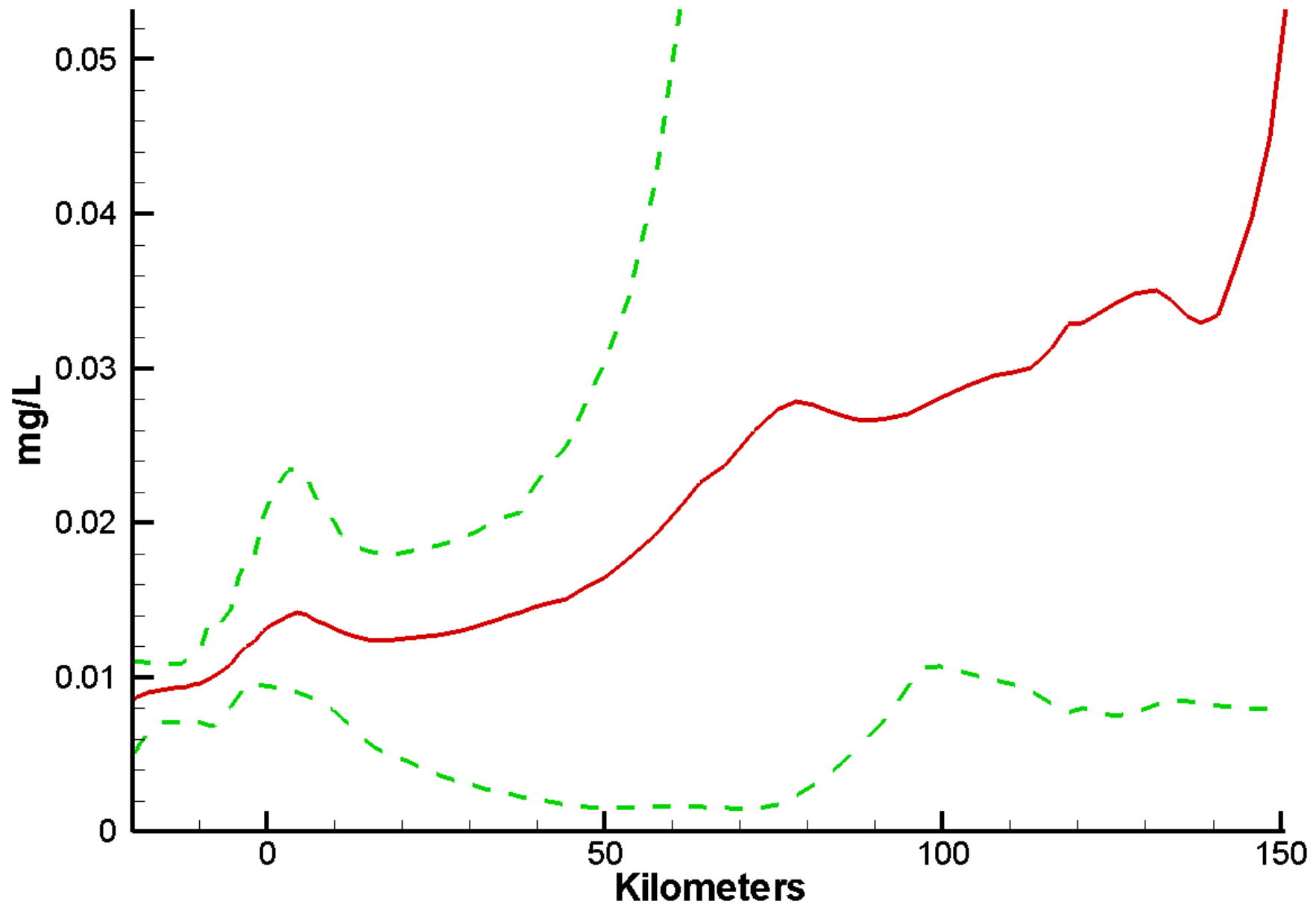
## Surface Nitrate Fall 1999



**James River Ches2015 Run118**  
**Bottom Particulate Inorganic Phosphorus Fall 1999**



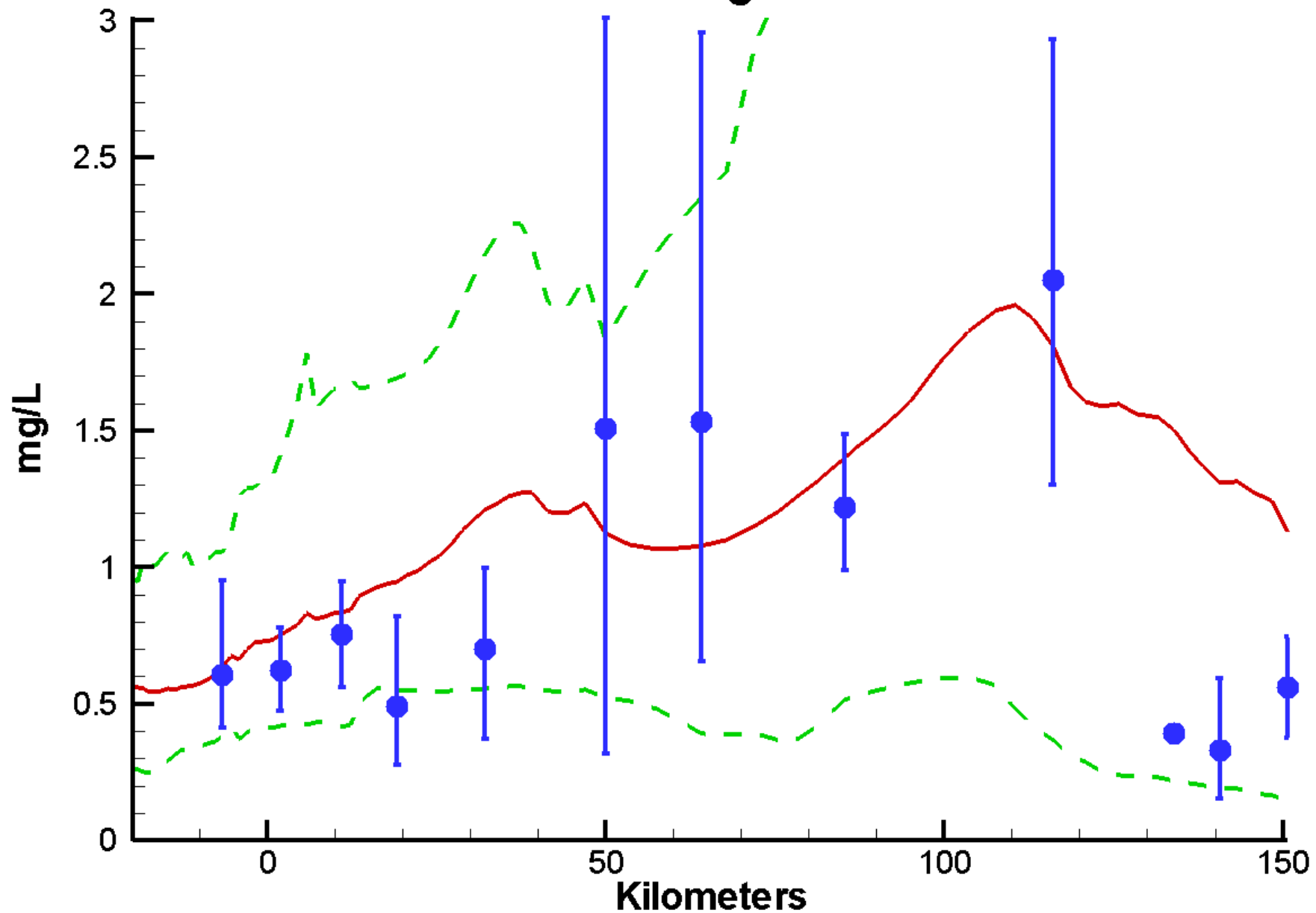
**James River Ches2015 Run118**  
**Surface Particulate Inorganic Phosphorus Fall 1999**





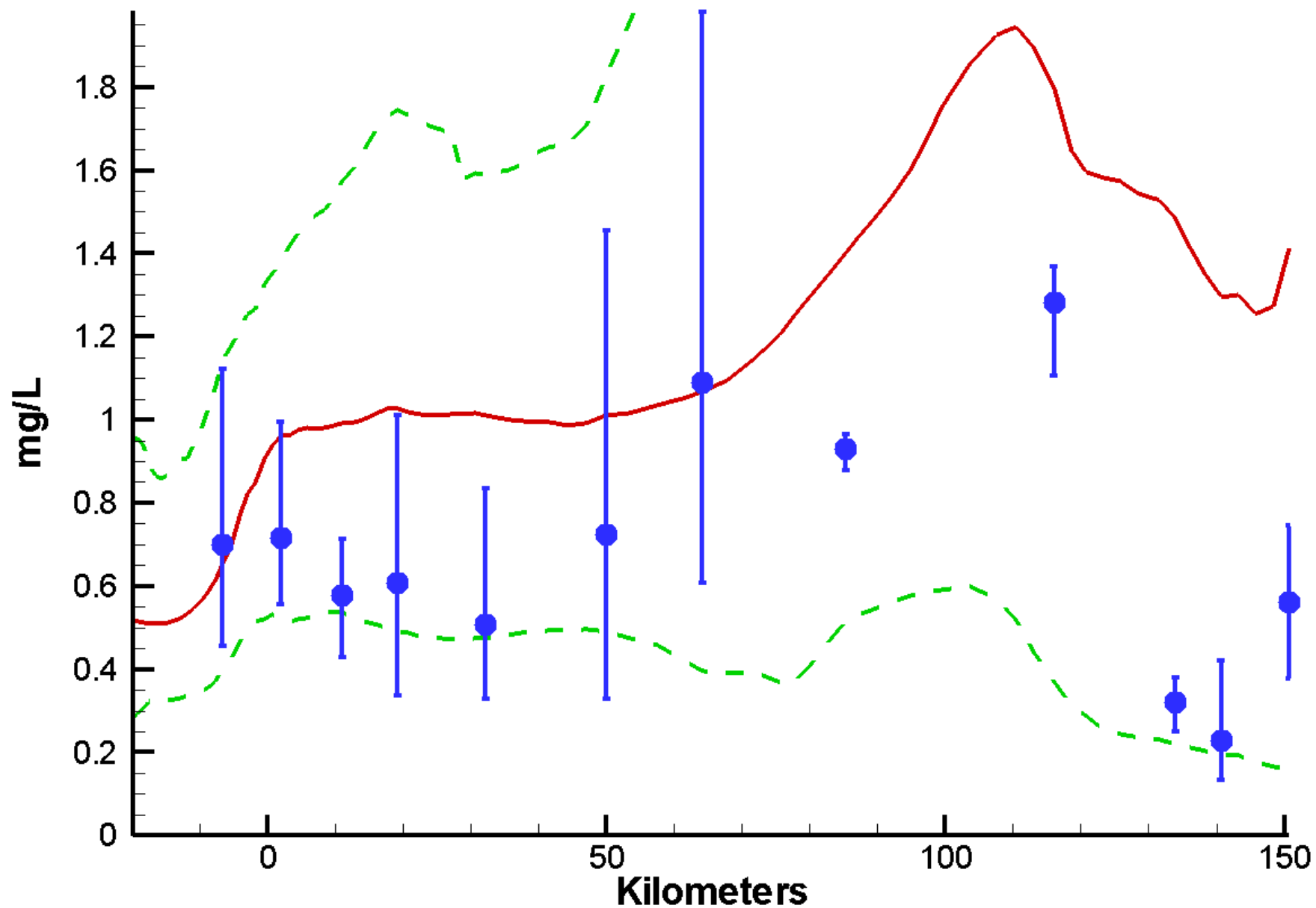
# James River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1999



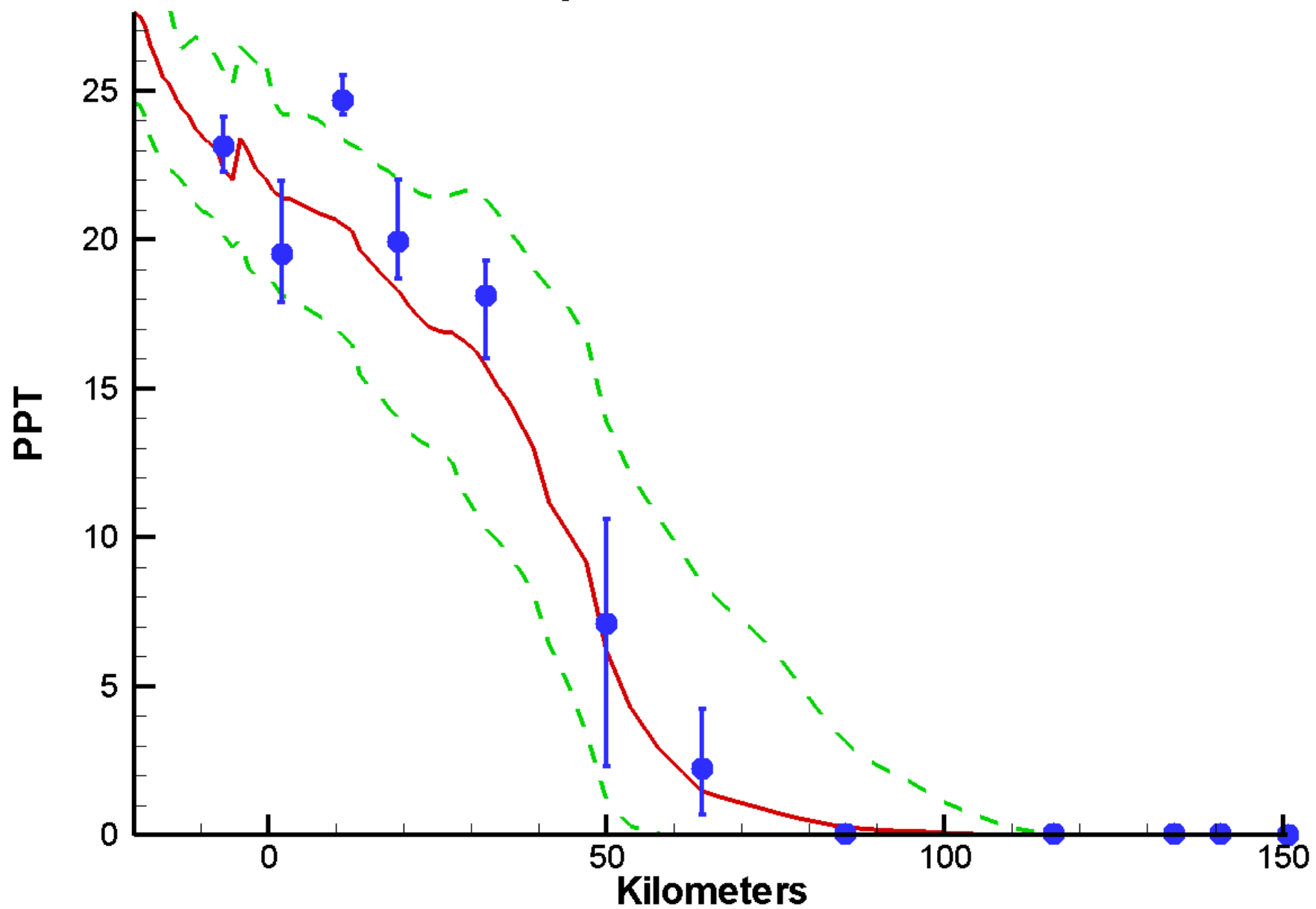
# James River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1999



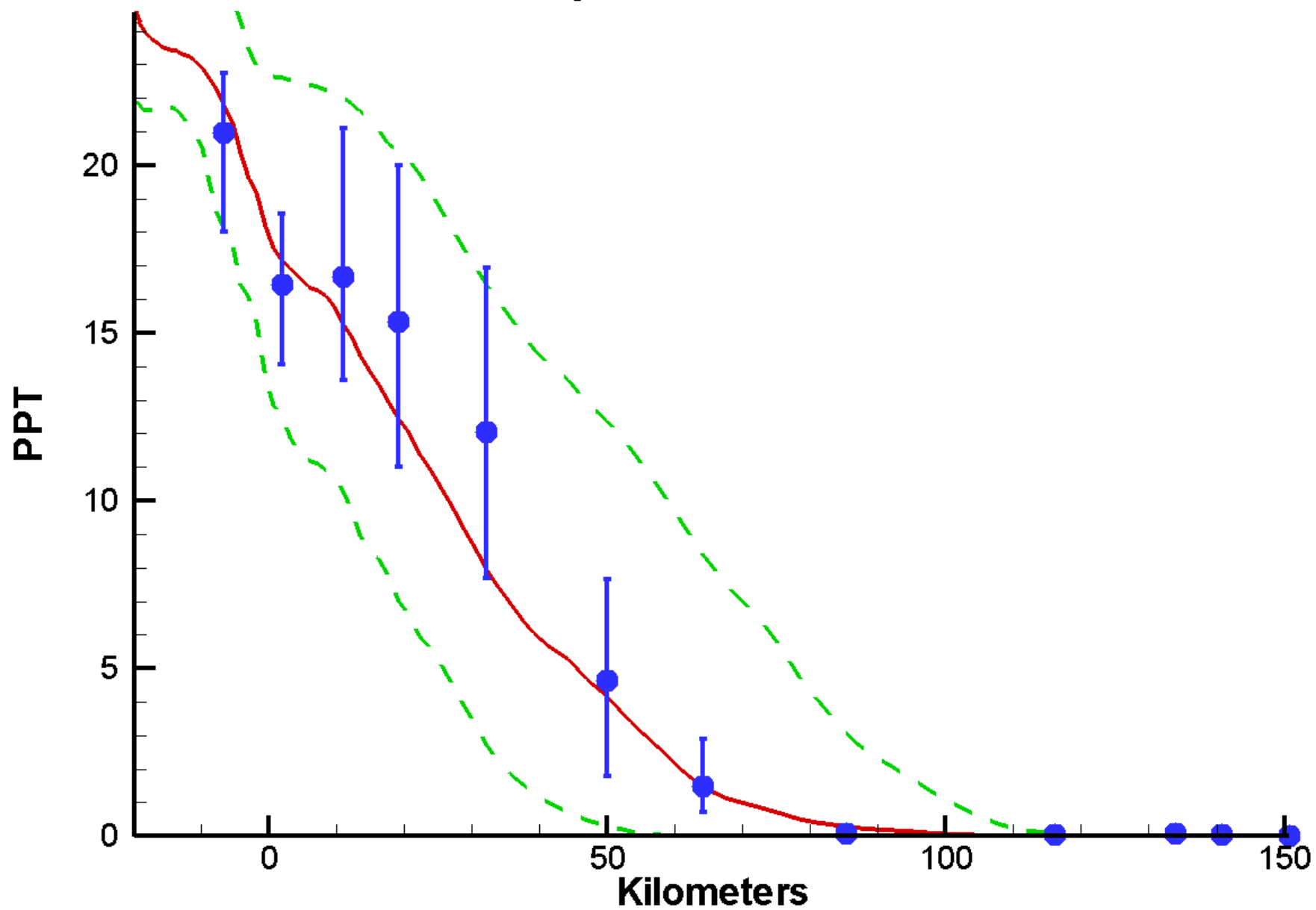
# James River Ches2015 Run118

## Bottom Salinity Fall 1999



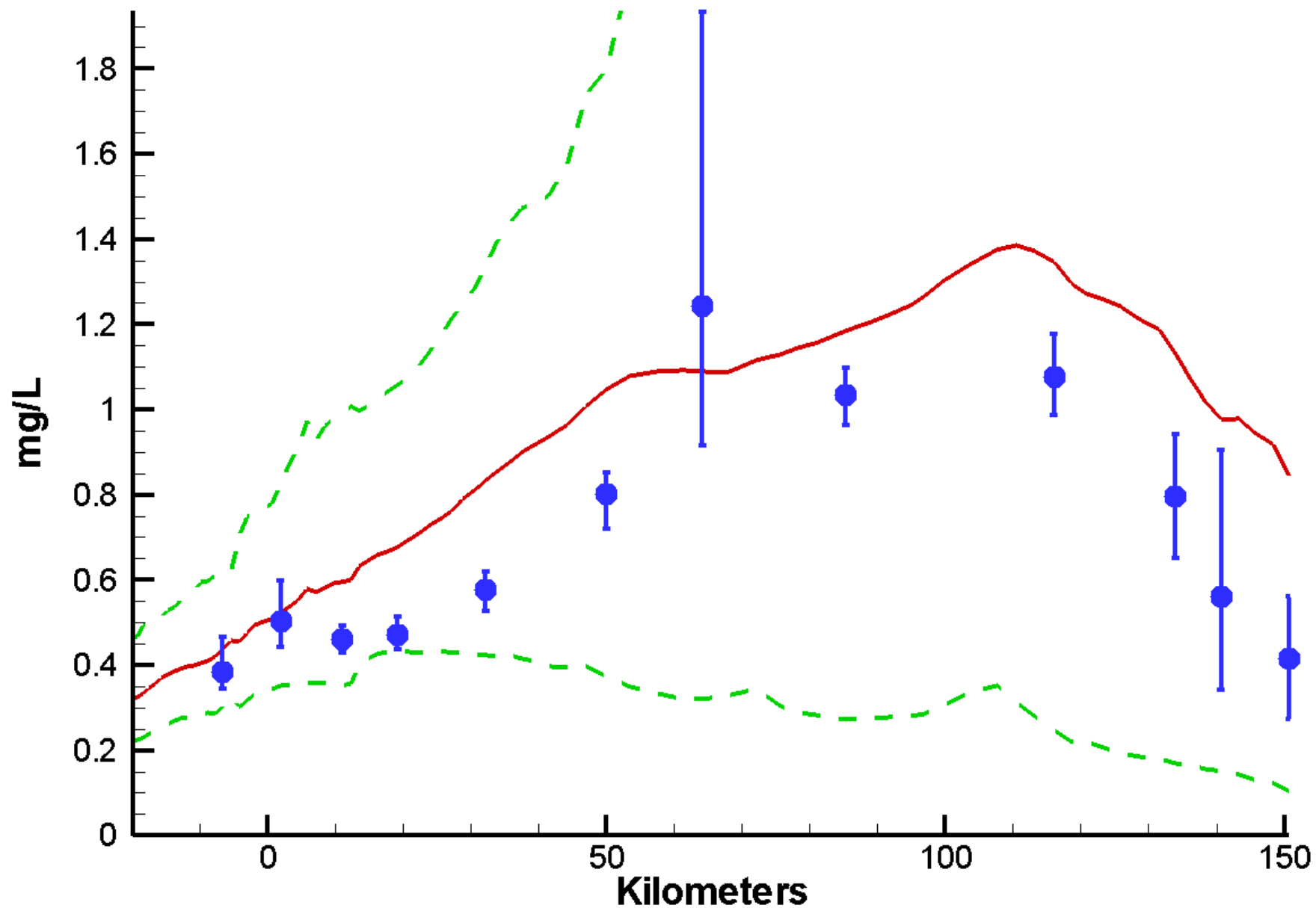
# James River Ches2015 Run118

## Surface Salinity Fall 1999

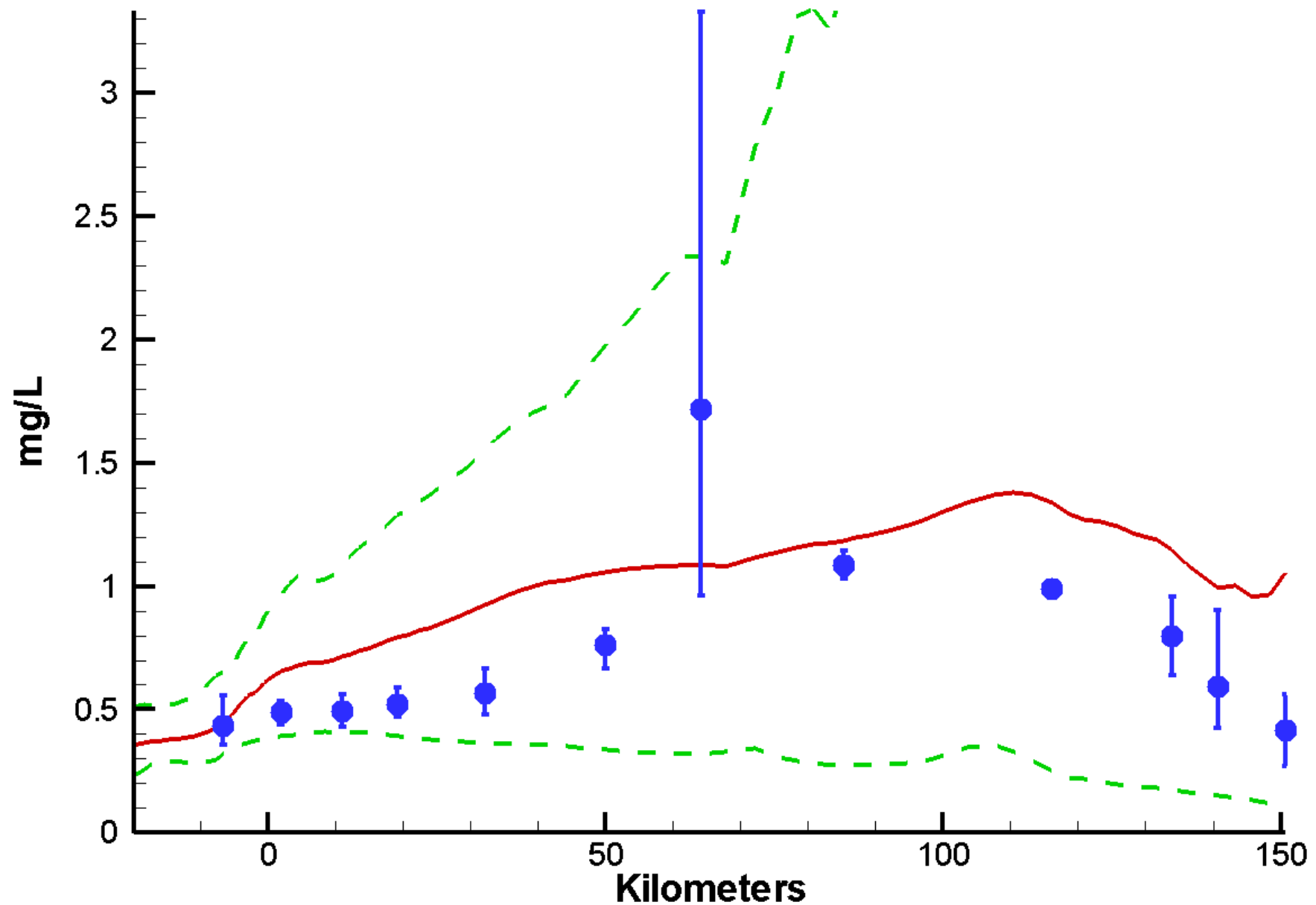


# James River Ches2015 Run118

## Bottom Total Nitrogen Fall 1999

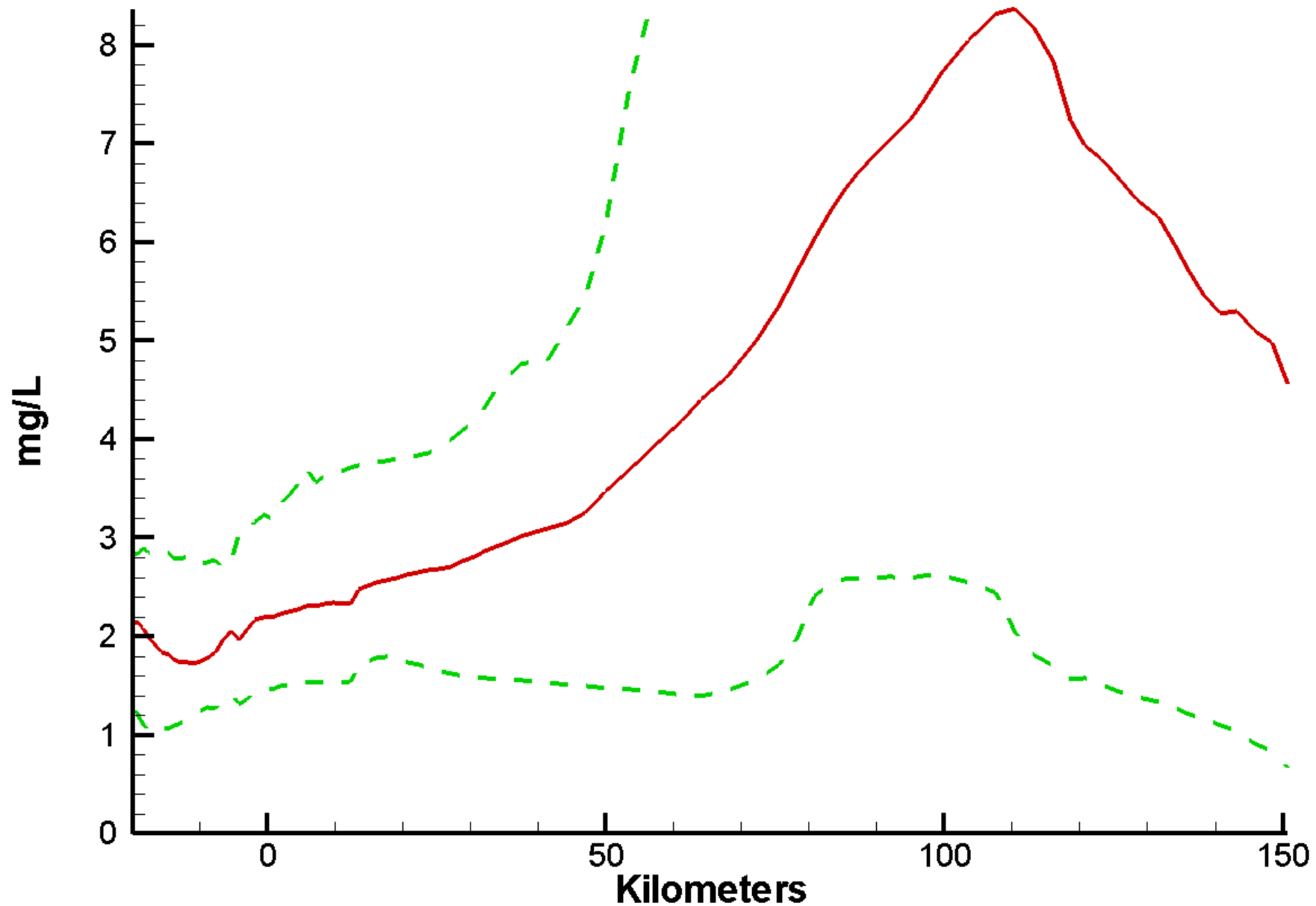


# James River Ches2015 Run118 Surface Total Nitrogen Fall 1999



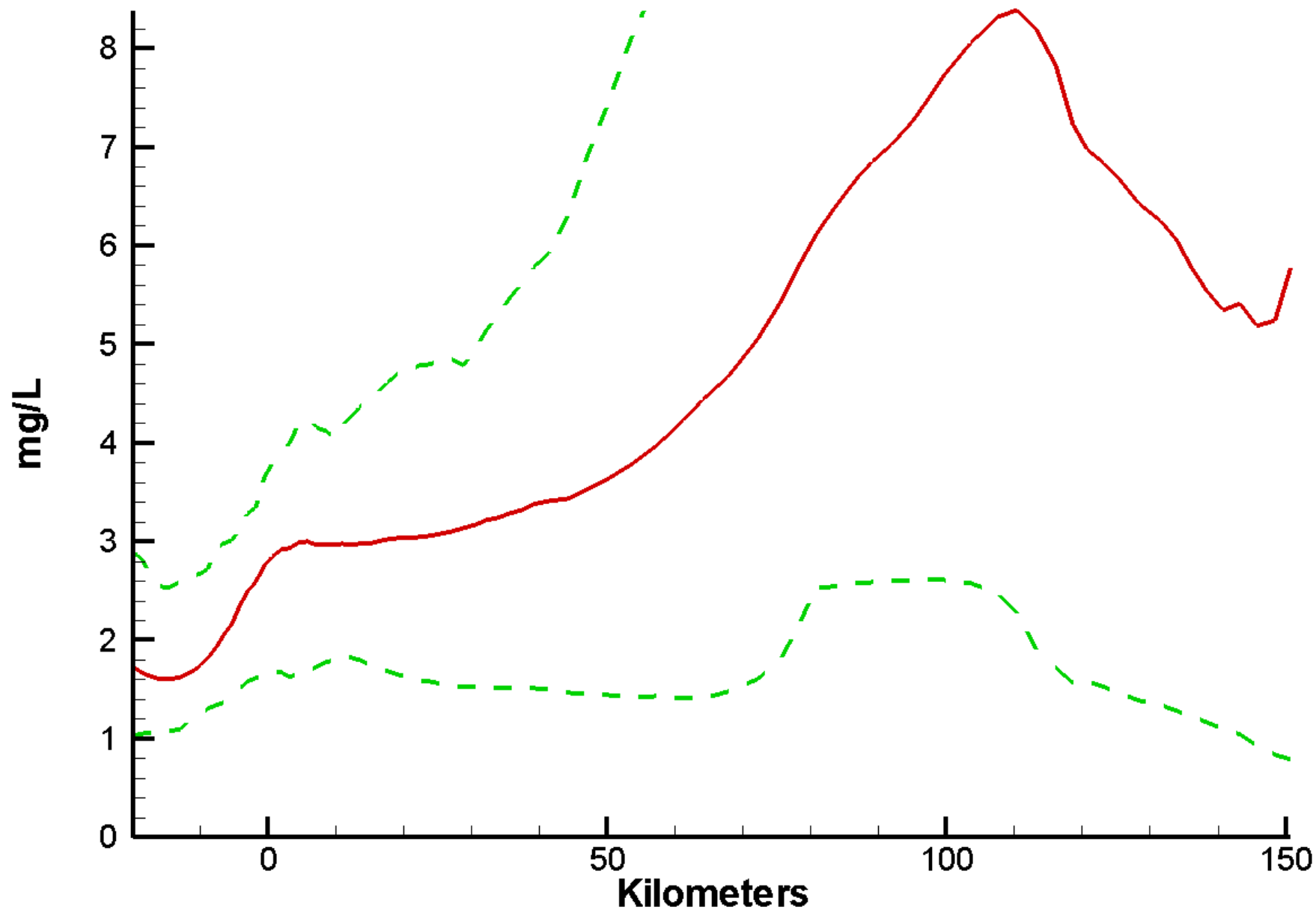
# James River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1999



# James River Ches2015 Run118

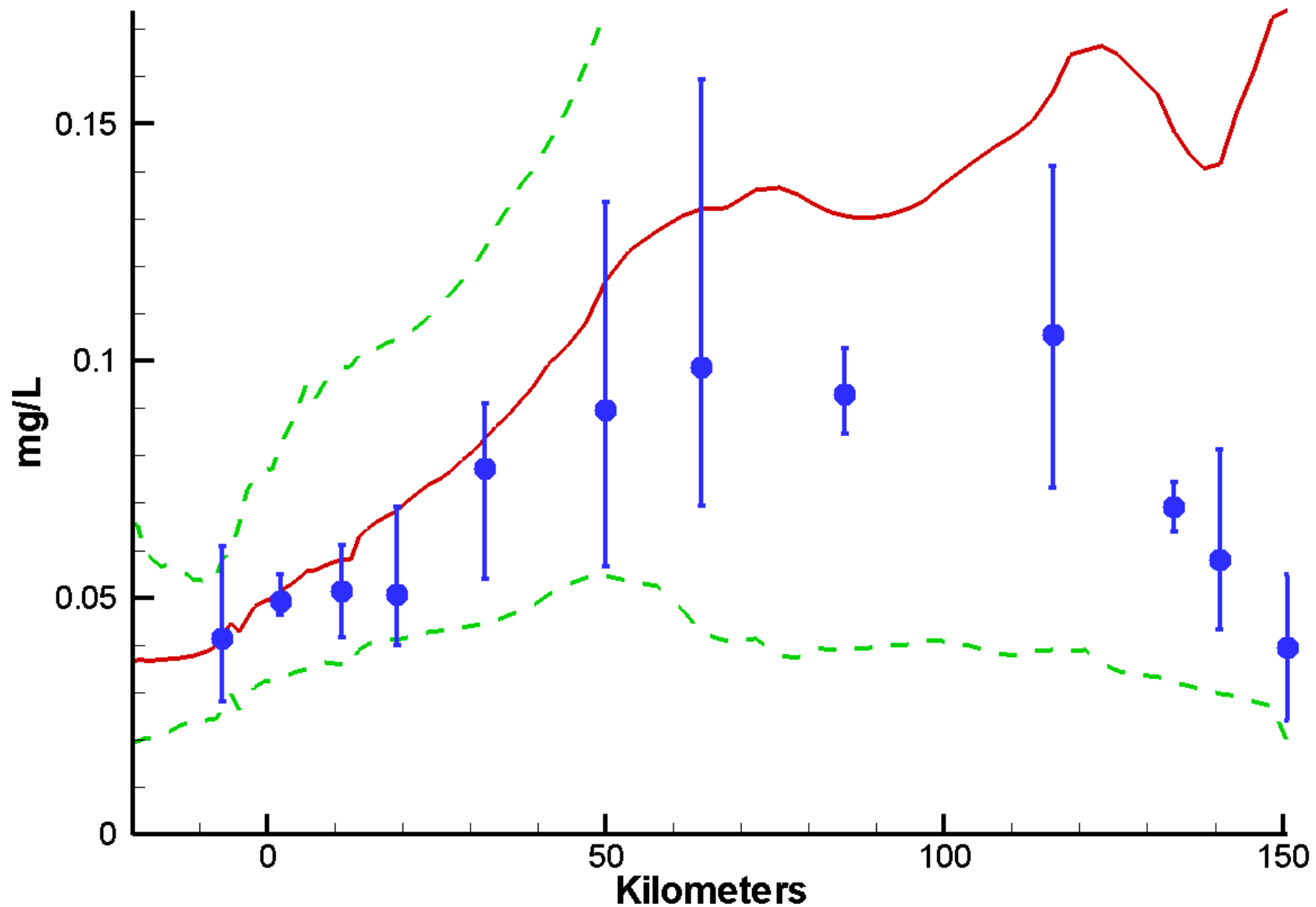
## Surface Total Organic Carbon Fall 1999





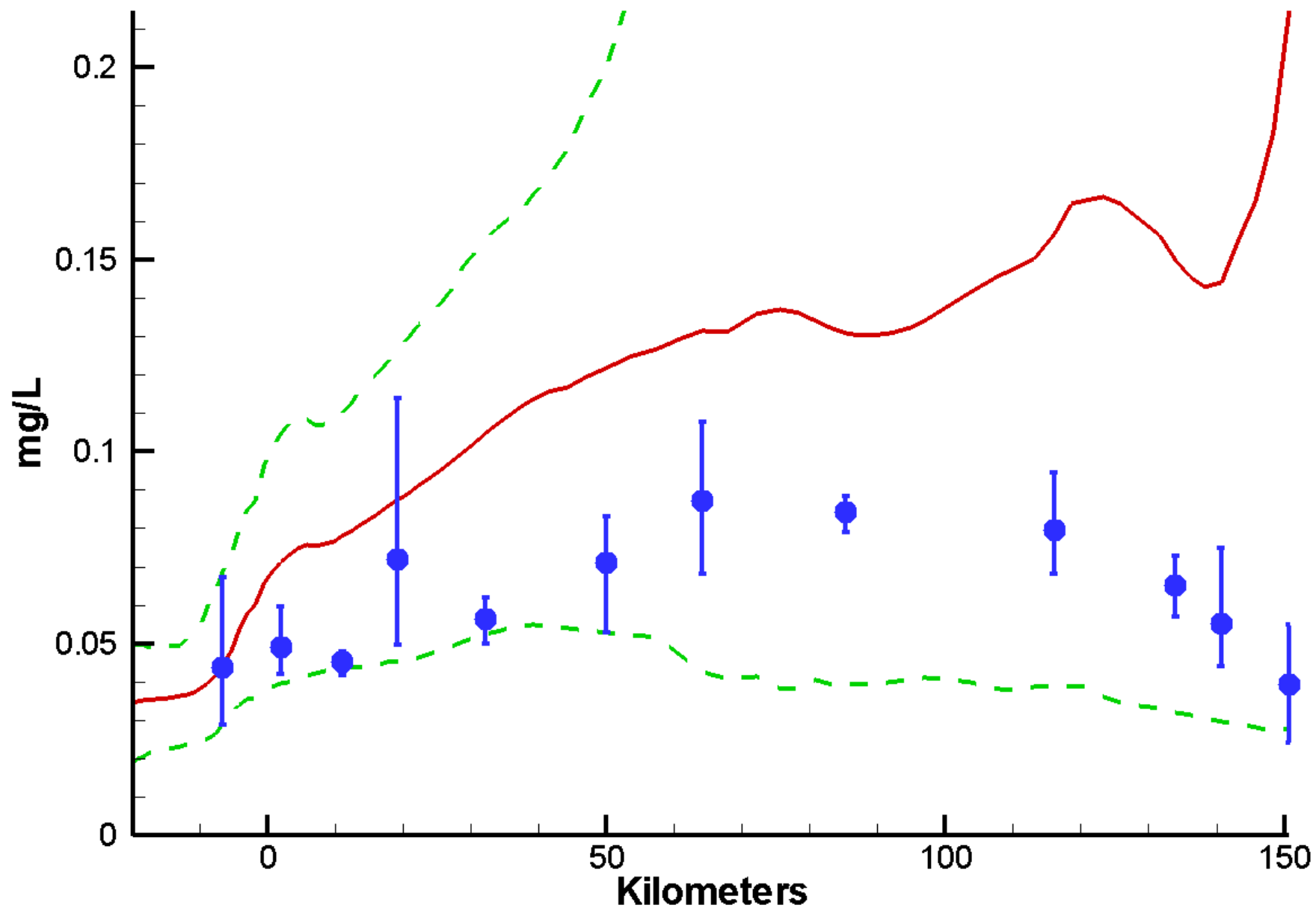
# James River Ches2015 Run118

## Bottom Total Phosphorus Fall 1999



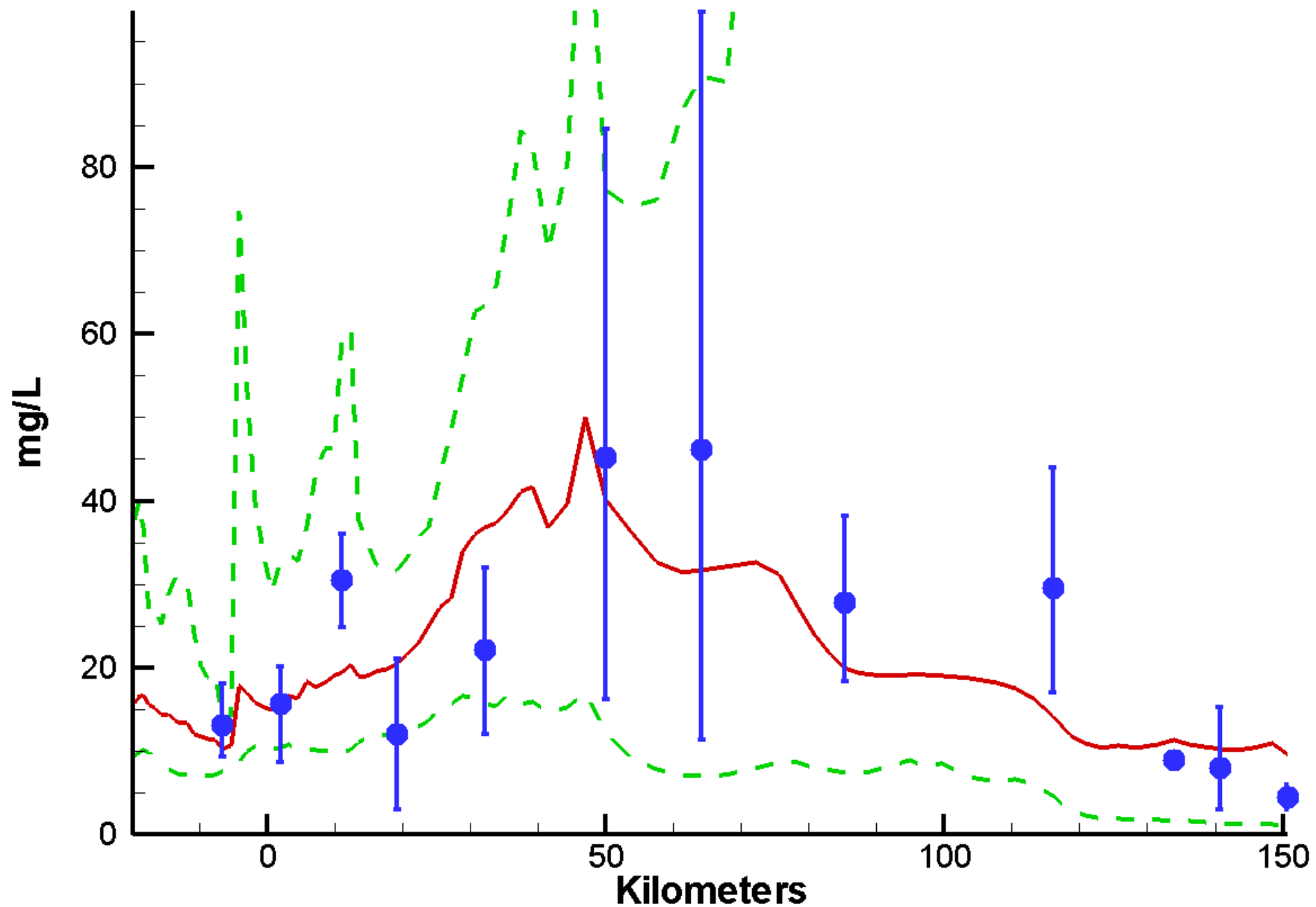
# James River Ches2015 Run118

## Surface Total Phosphorus Fall 1999



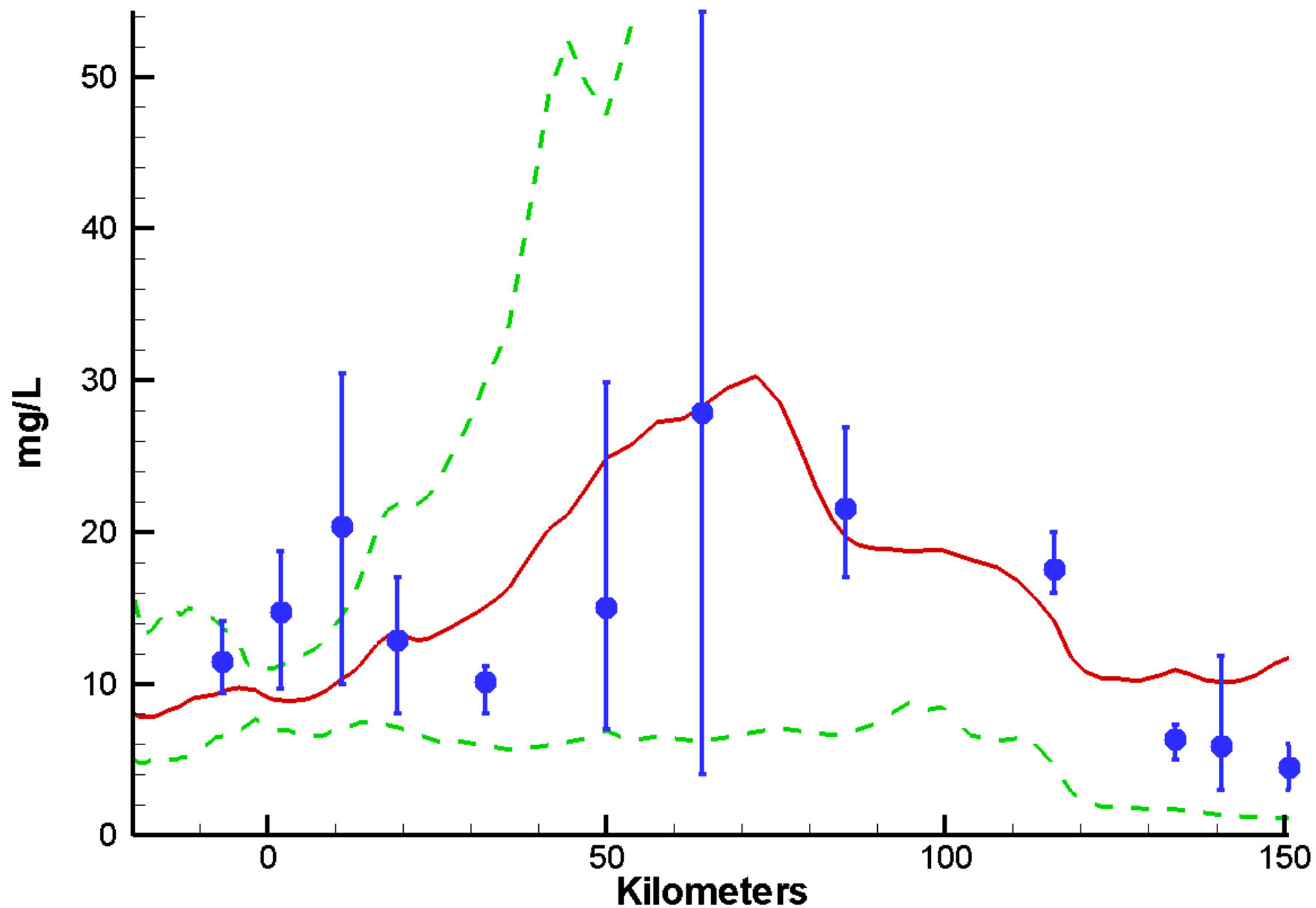
# James River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1999



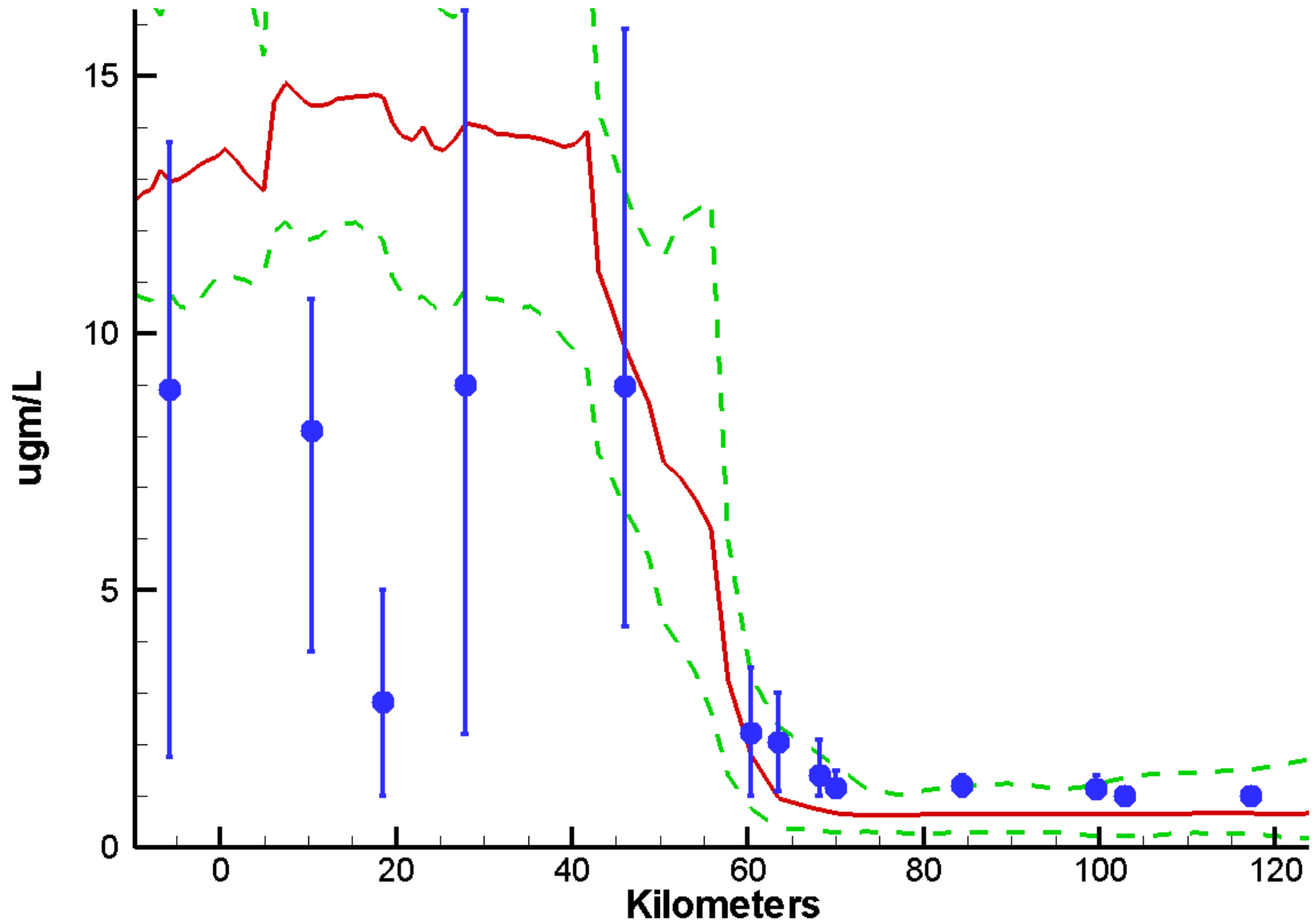
# James River Ches2015 Run118

## Surface Total Suspended Solids Fall 1999



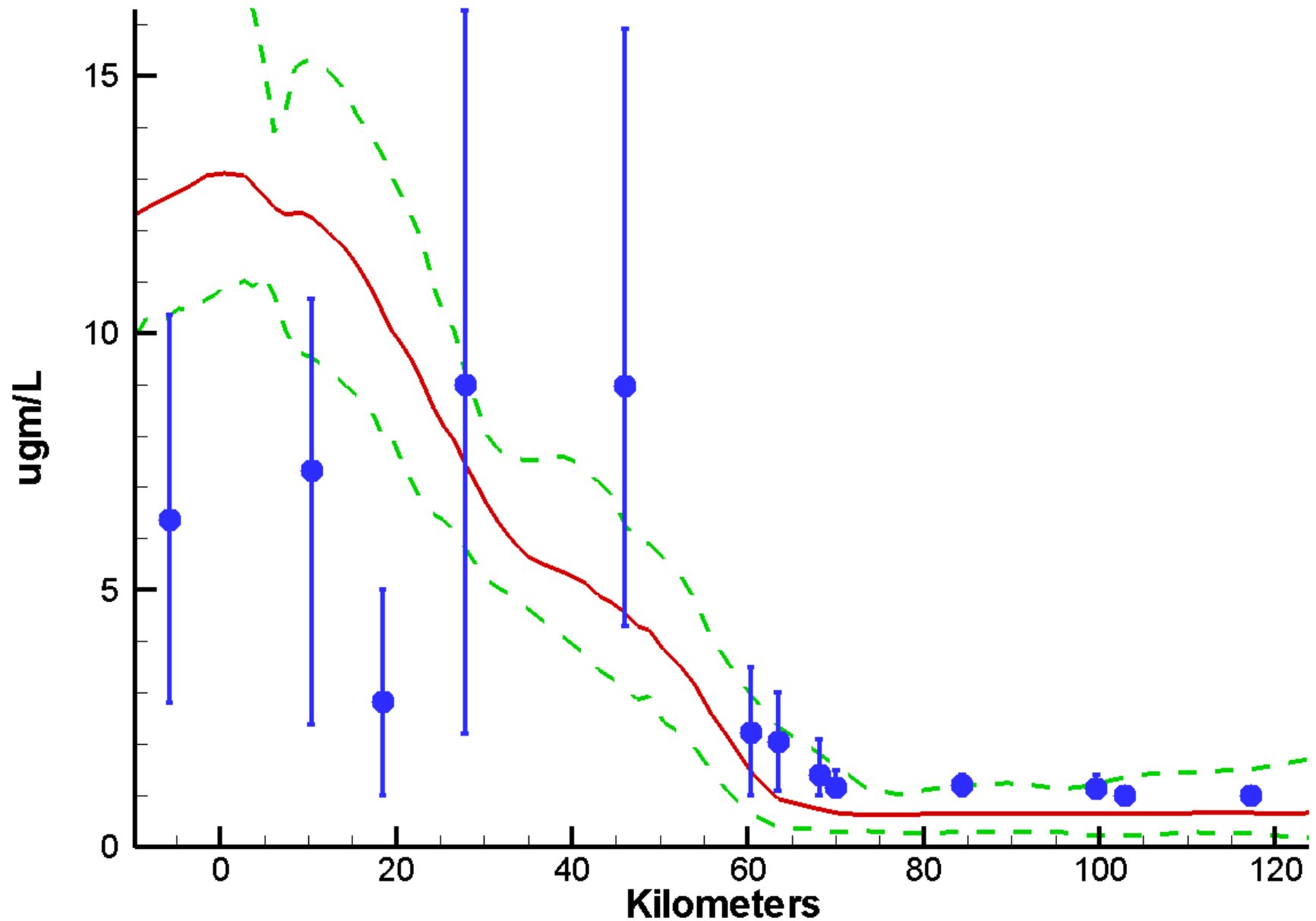
# York River Ches2015 Run118

## Bottom Chlorophyll Winter 1994



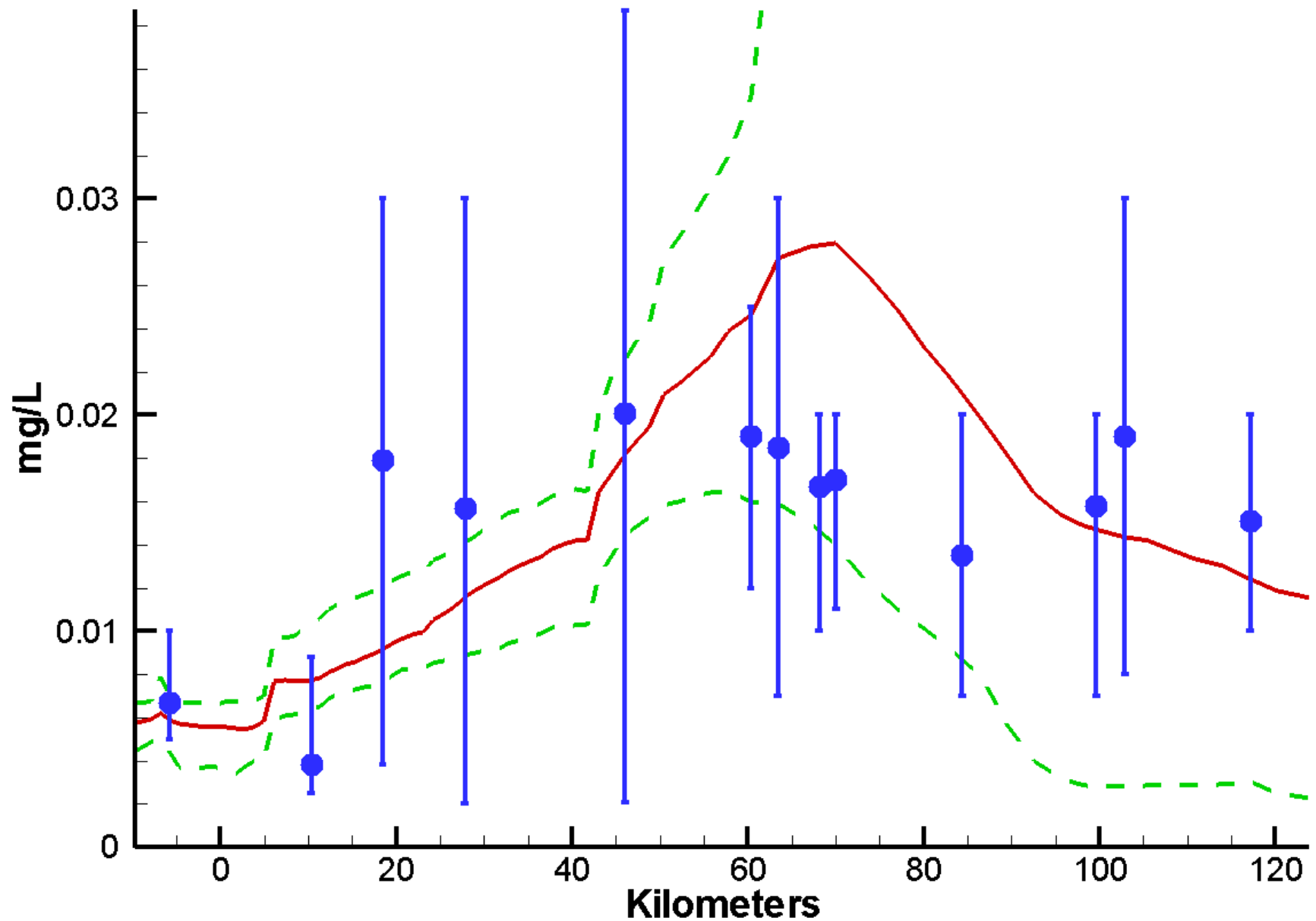
# York River Ches2015 Run118

## Surface Chlorophyll Winter 1994



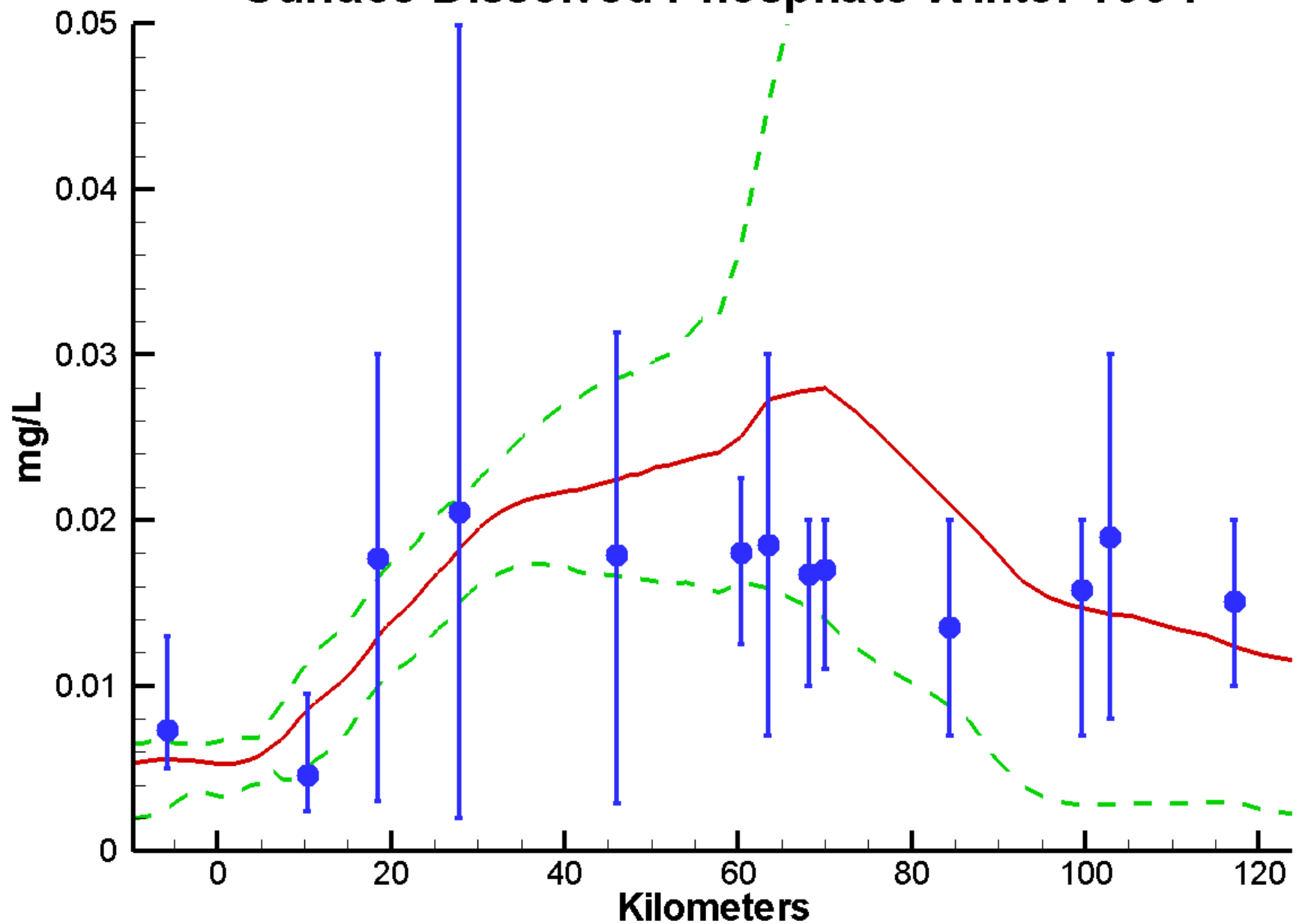
# York River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1994



# York River Ches2015 Run118

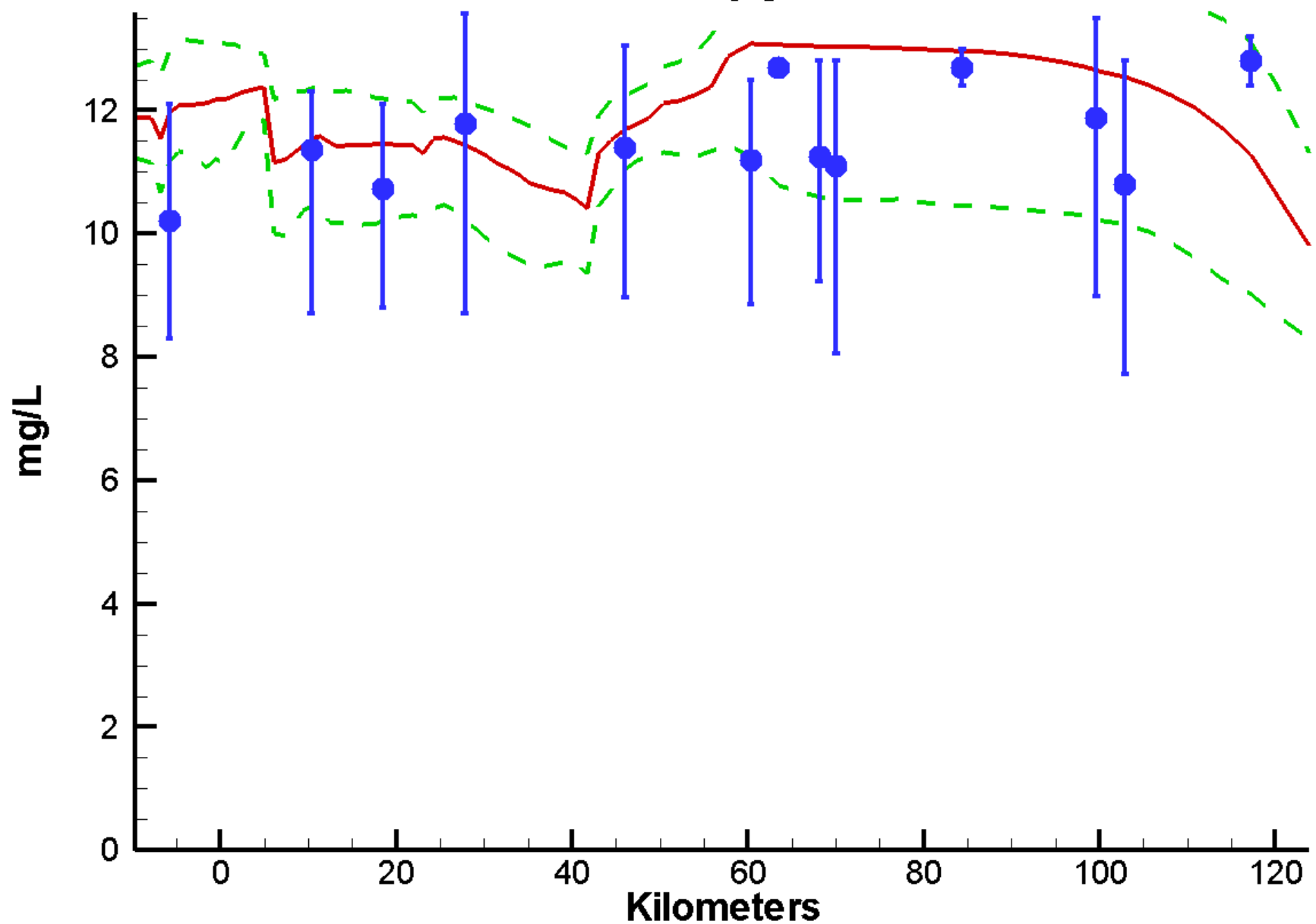
## Surface Dissolved Phosphate Winter 1994





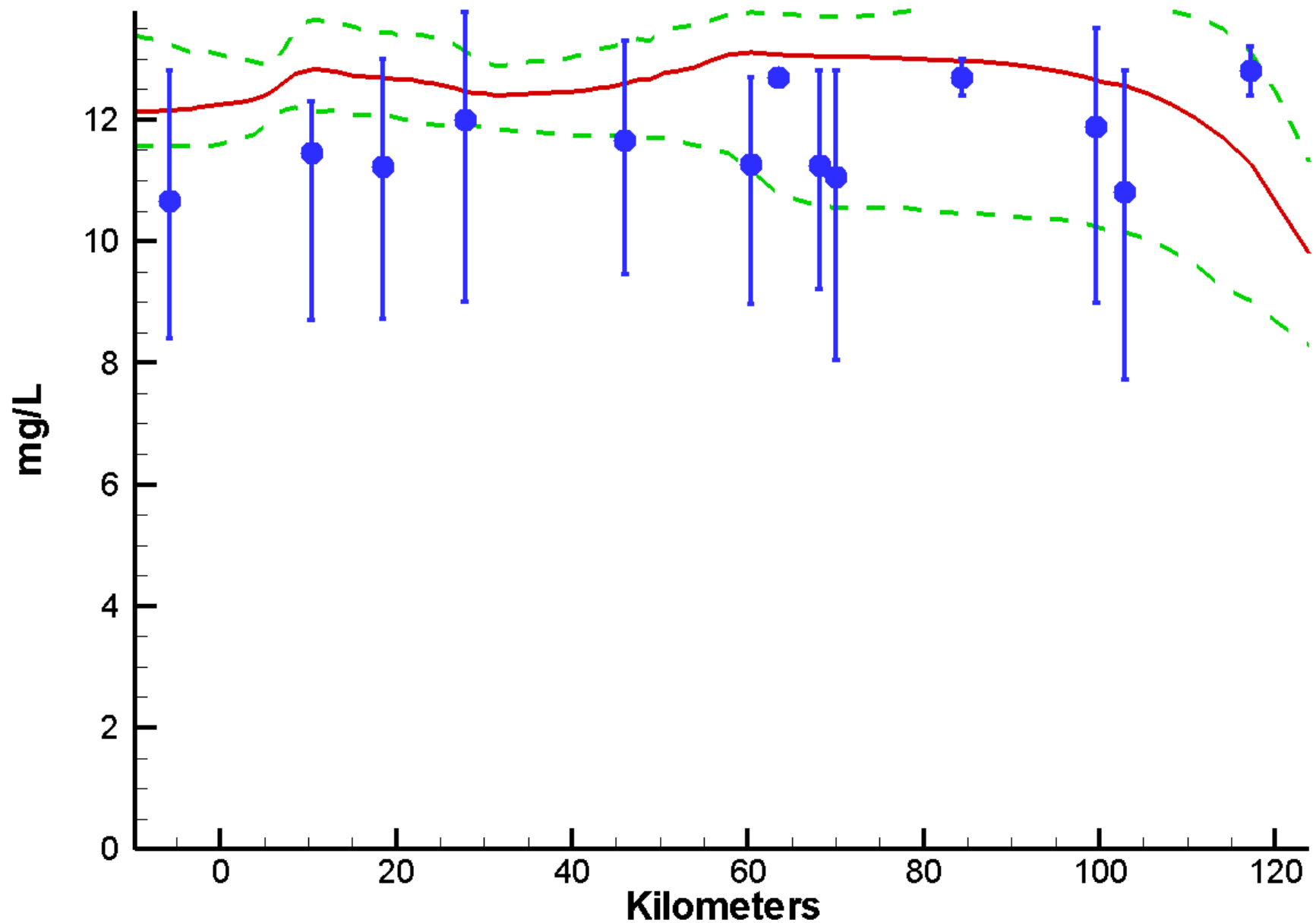
# York River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1994



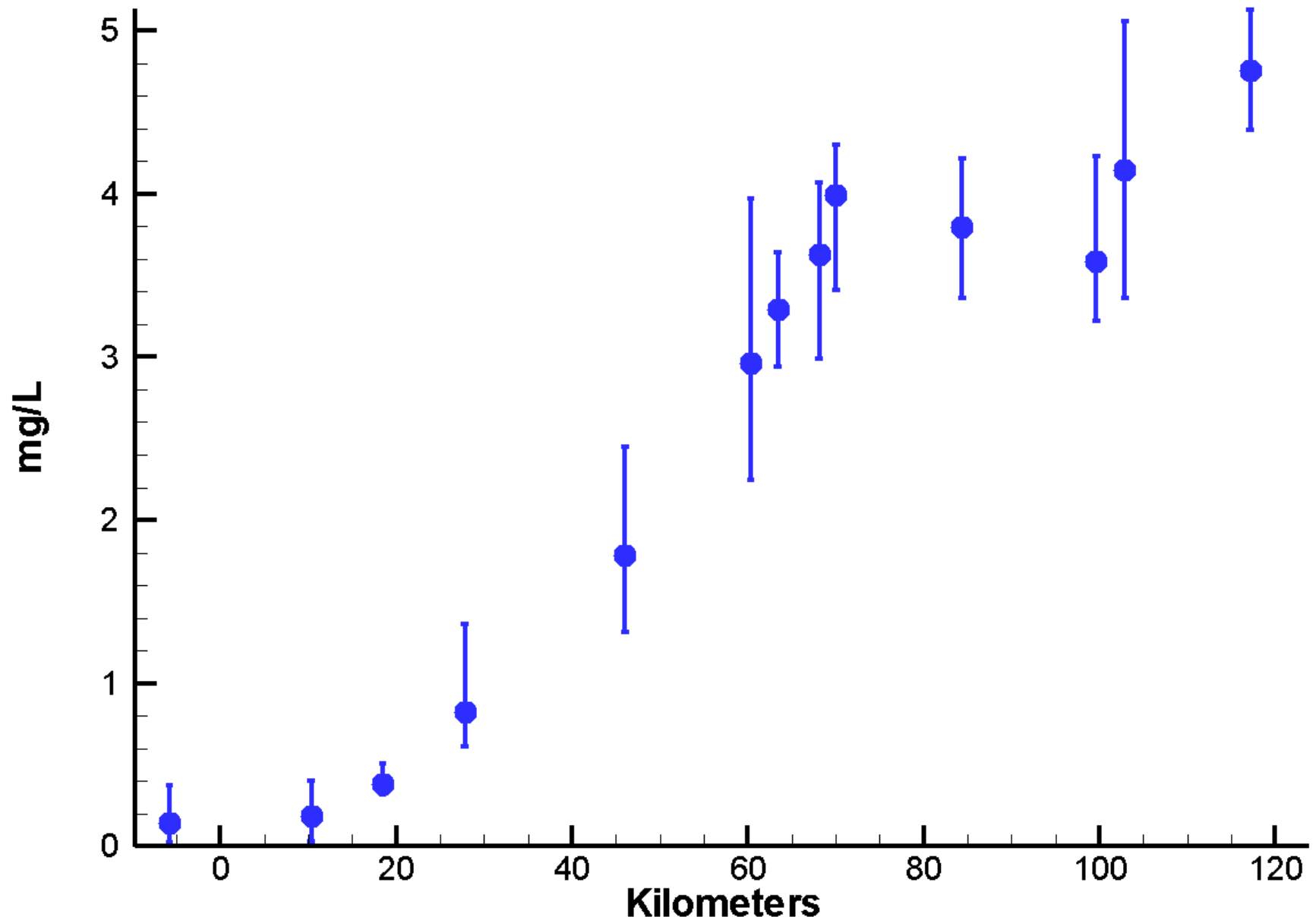
# York River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1994



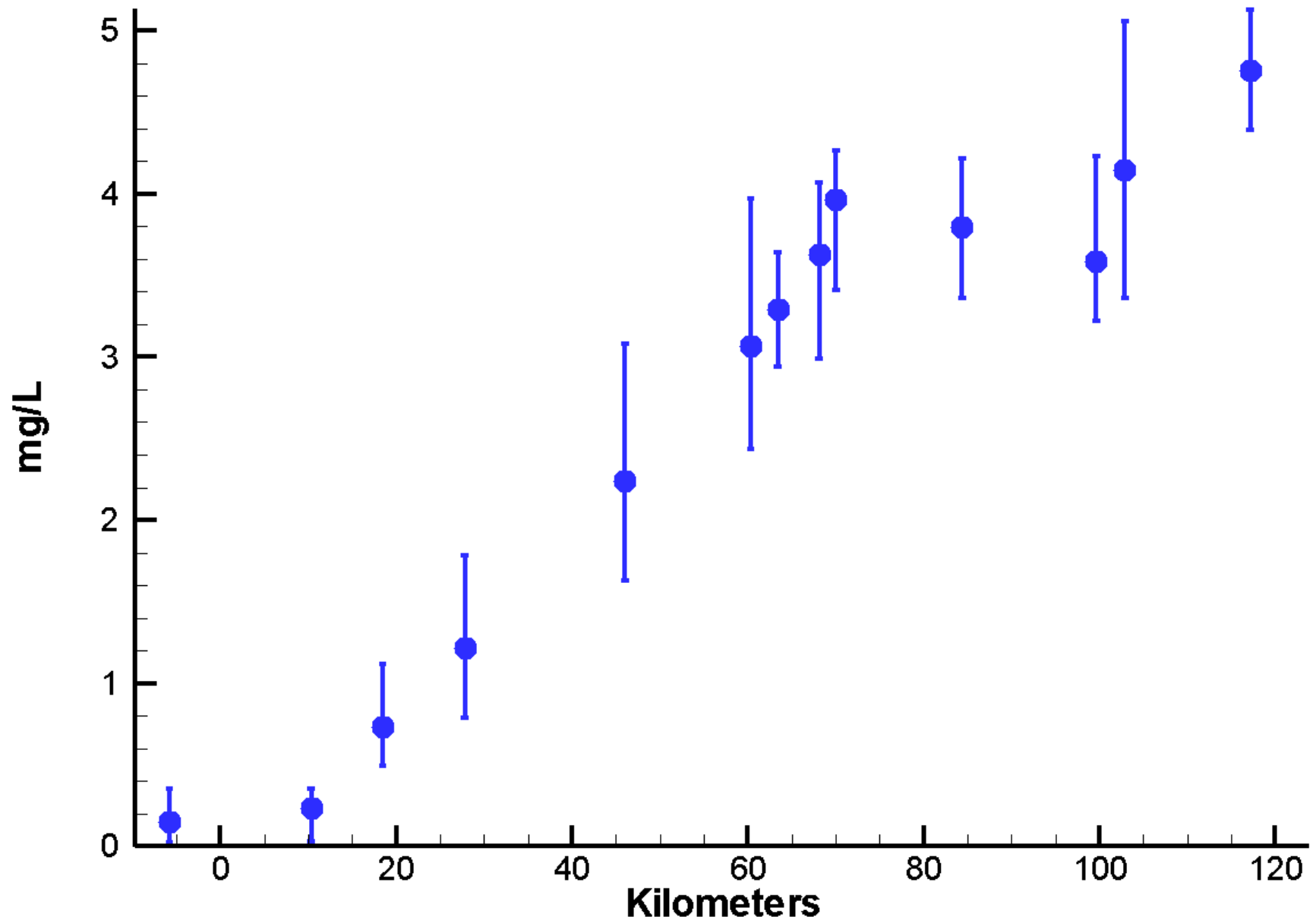
# York River Ches2015 Run118

## Bottom Dissolved Silica Winter 1994



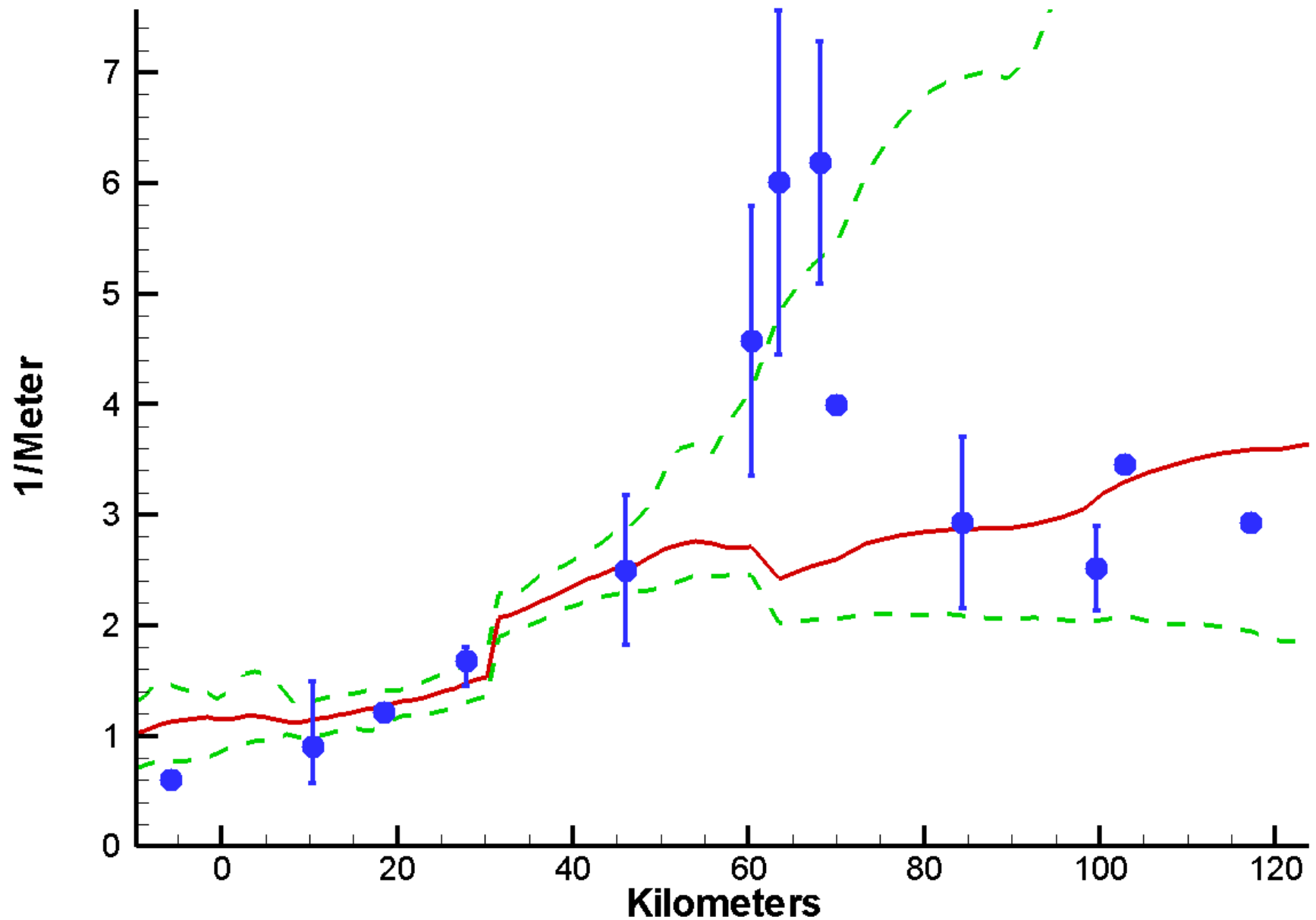
# York River Ches2015 Run118

## Surface Dissolved Silica Winter 1994



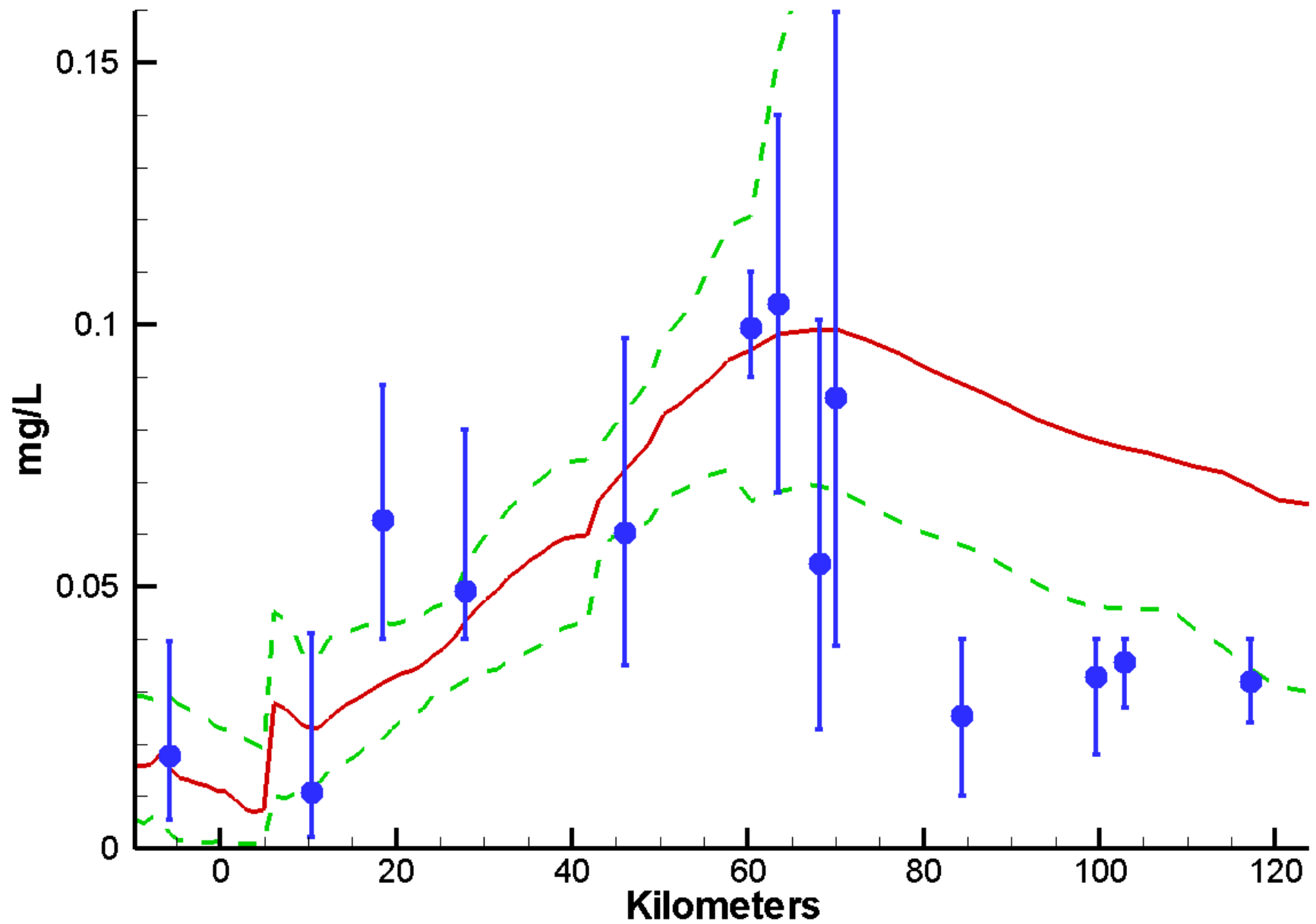
# York River Ches2015 Run118

## Surface Light Extinction Winter 1994

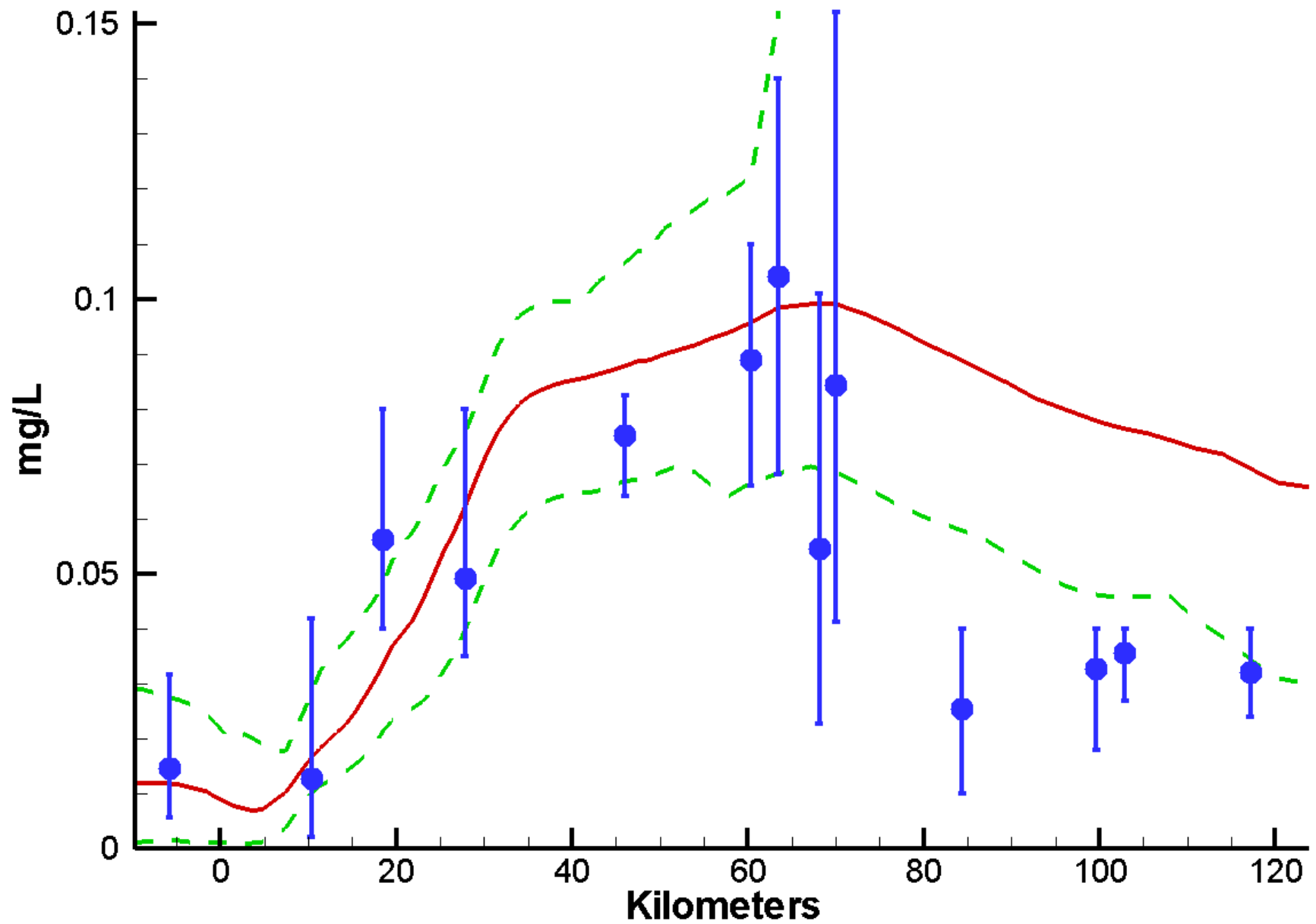


# York River Ches2015 Run118

## Bottom Ammonium Winter 1994

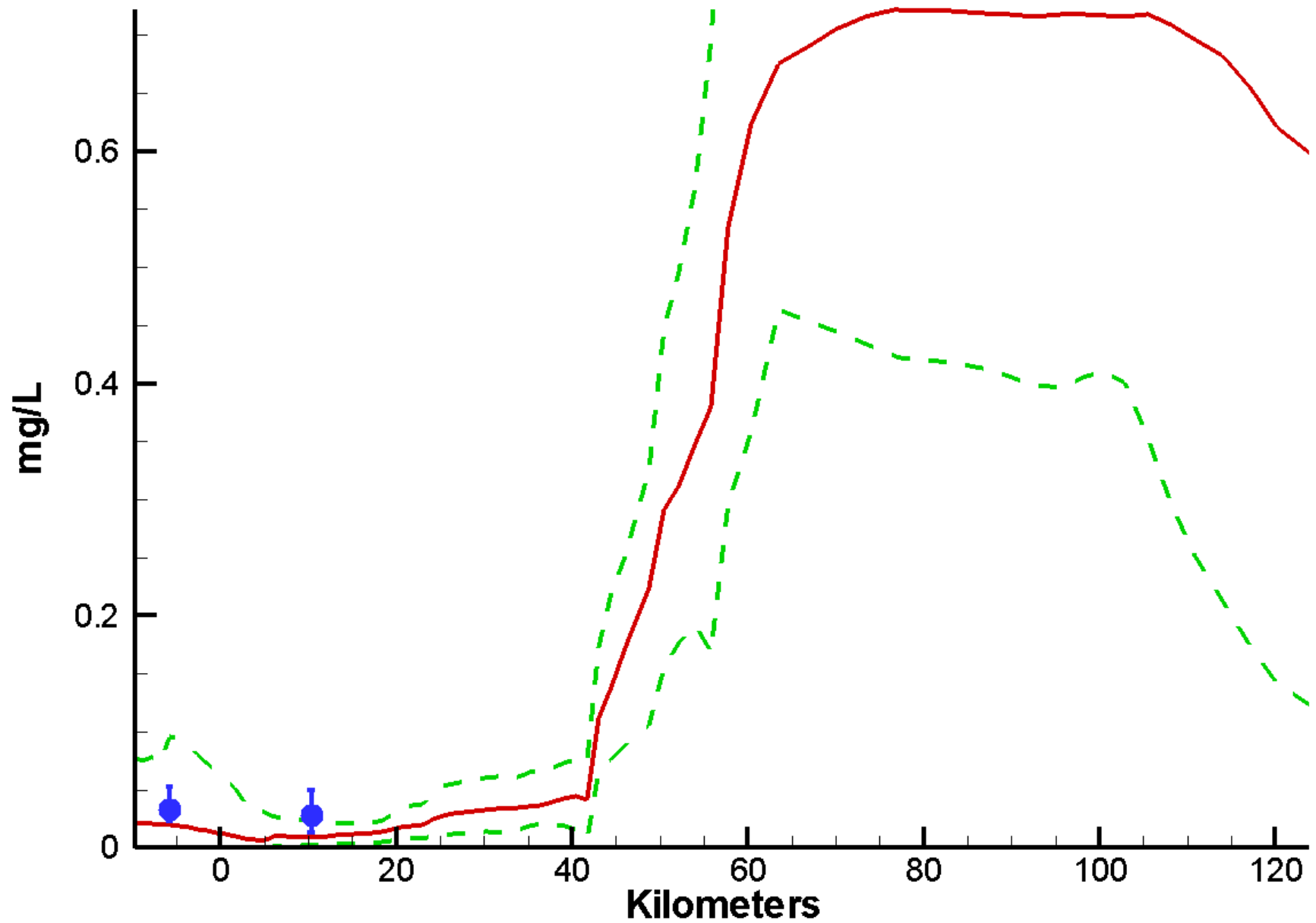


# York River Ches2015 Run118 Surface Ammonium Winter 1994



# York River Ches2015 Run118

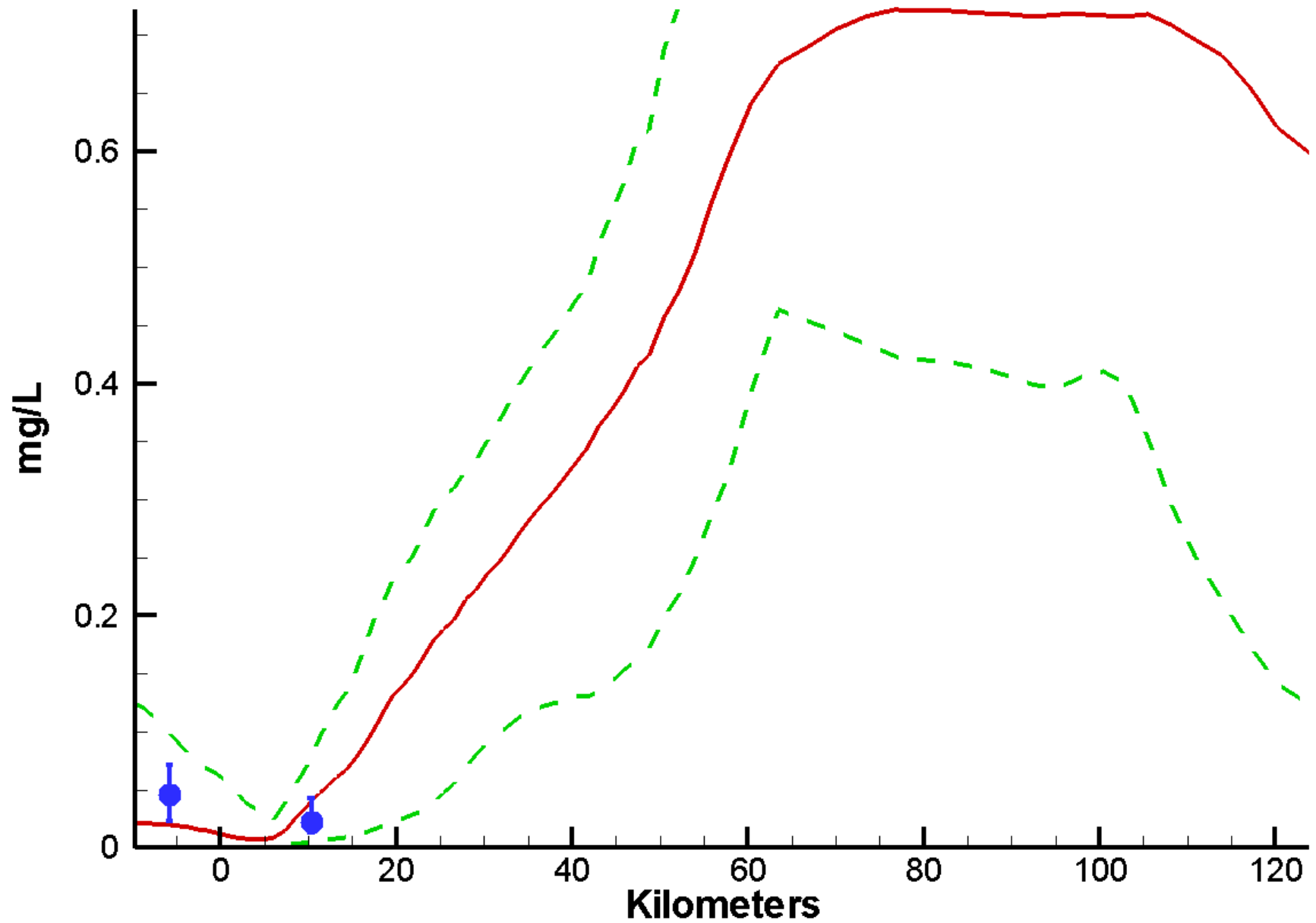
## Bottom Nitrate Winter 1994





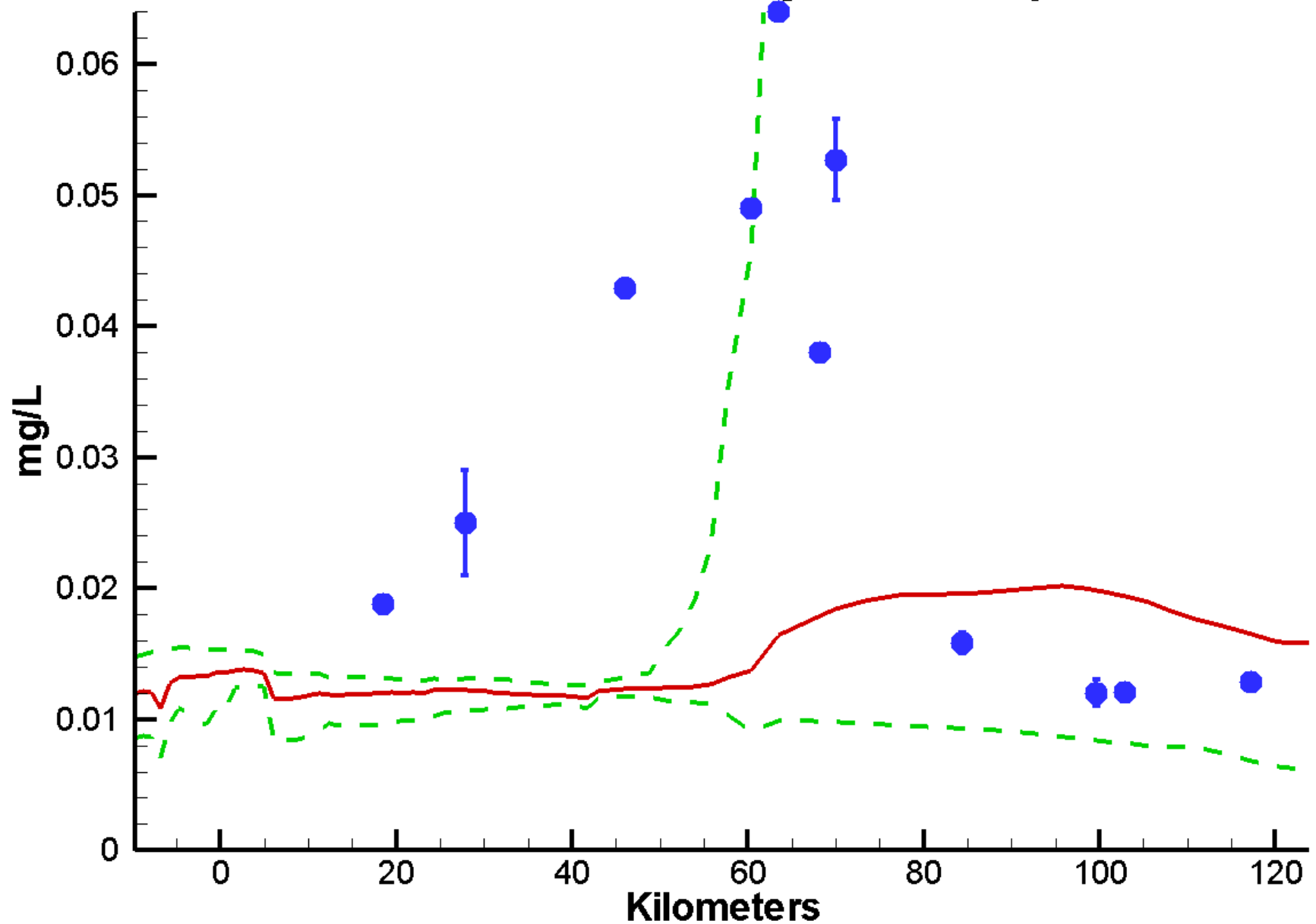
# York River Ches2015 Run118

## Surface Nitrate Winter 1994



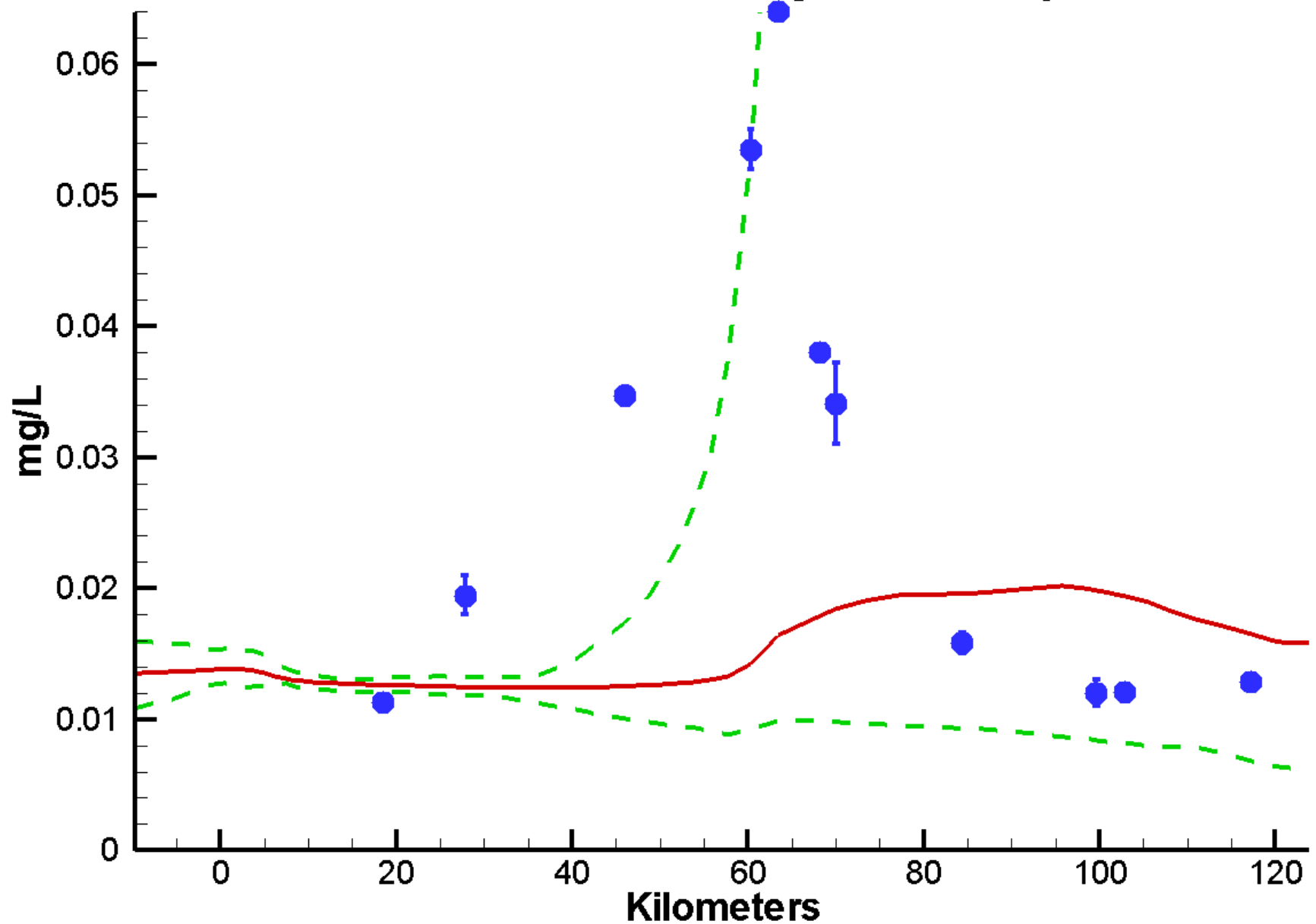
# York River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1994



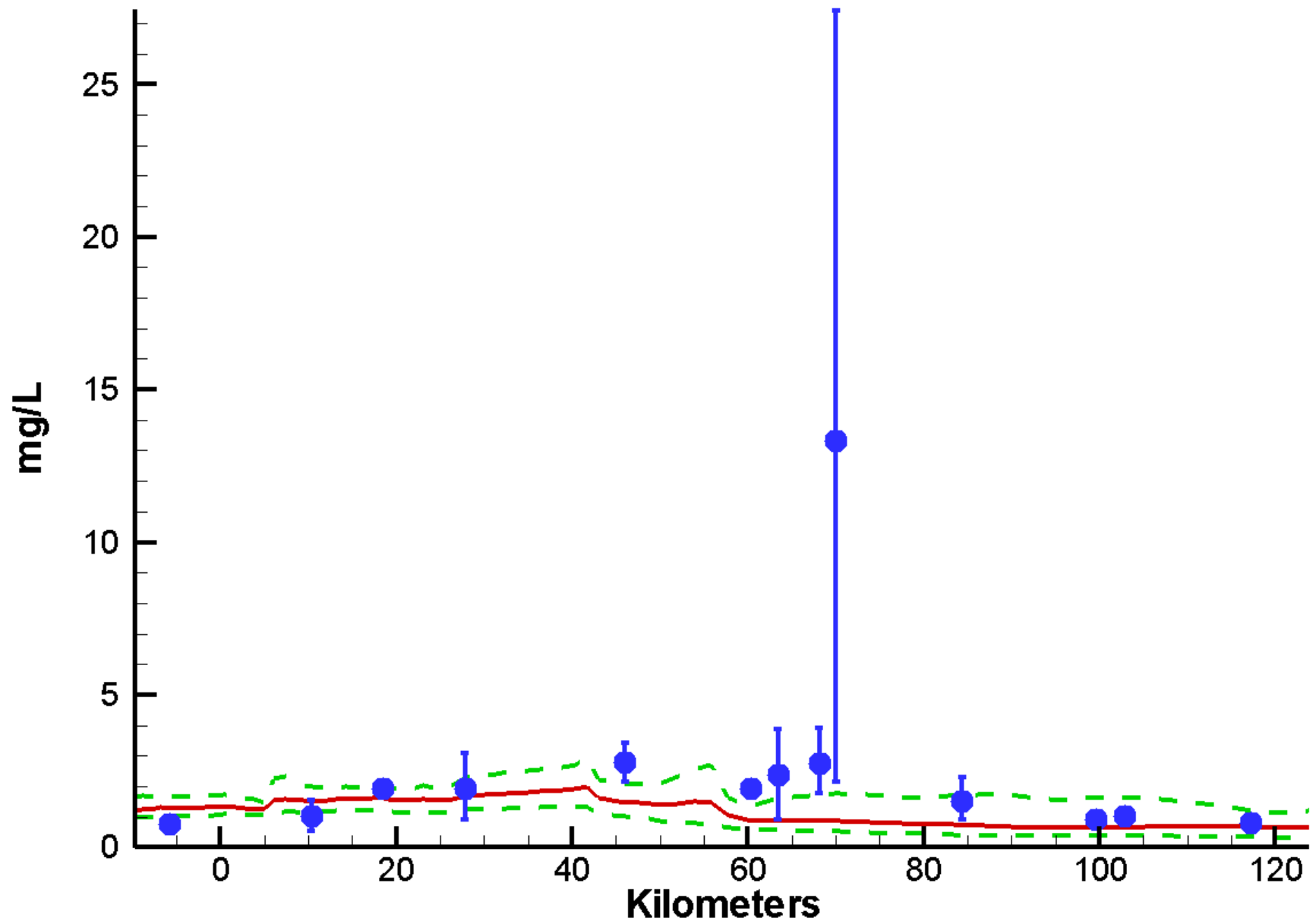
# York River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1994



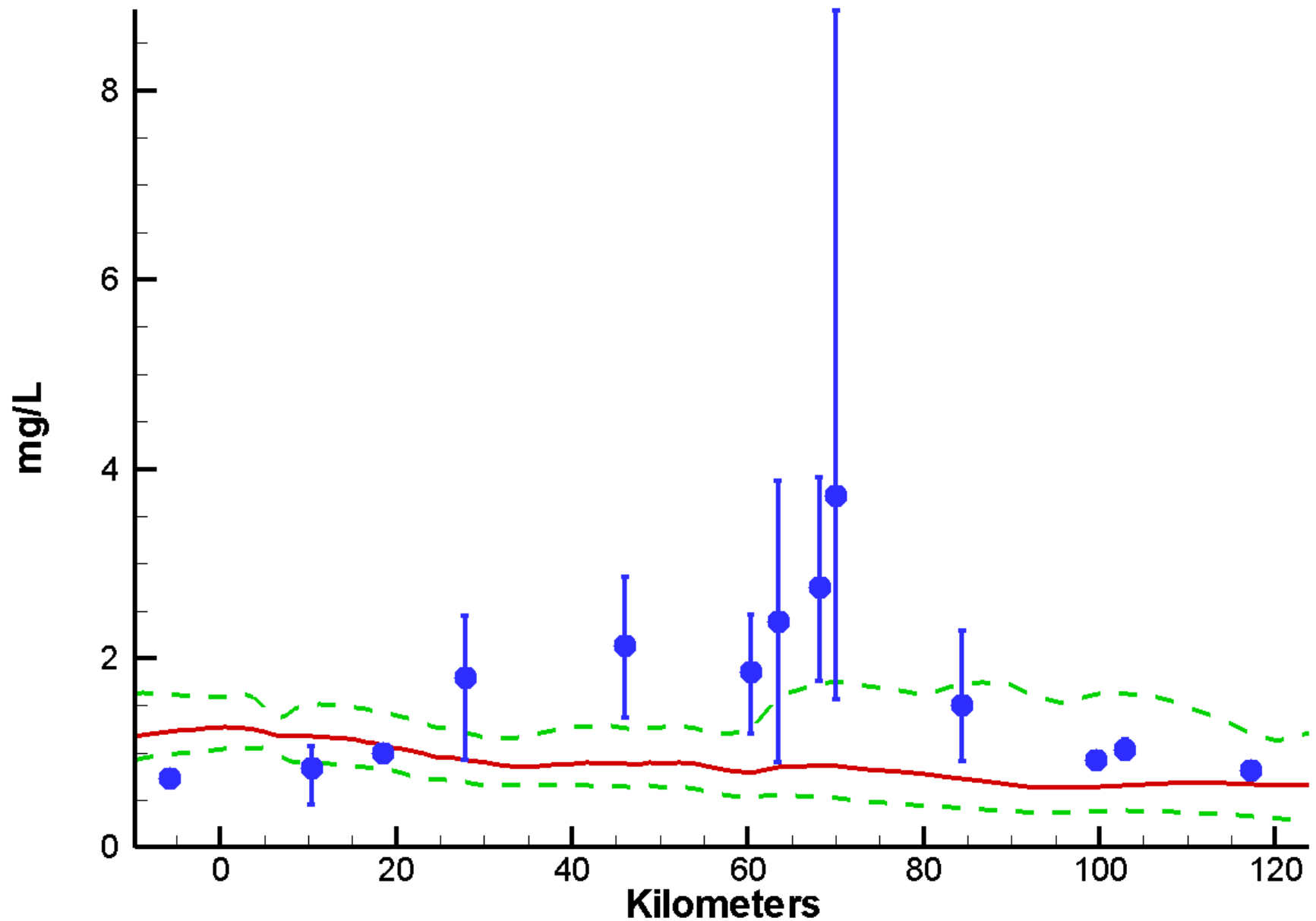
# York River Ches2015 Run118

## Bottom Particulate Organic Carbon Winter 1994



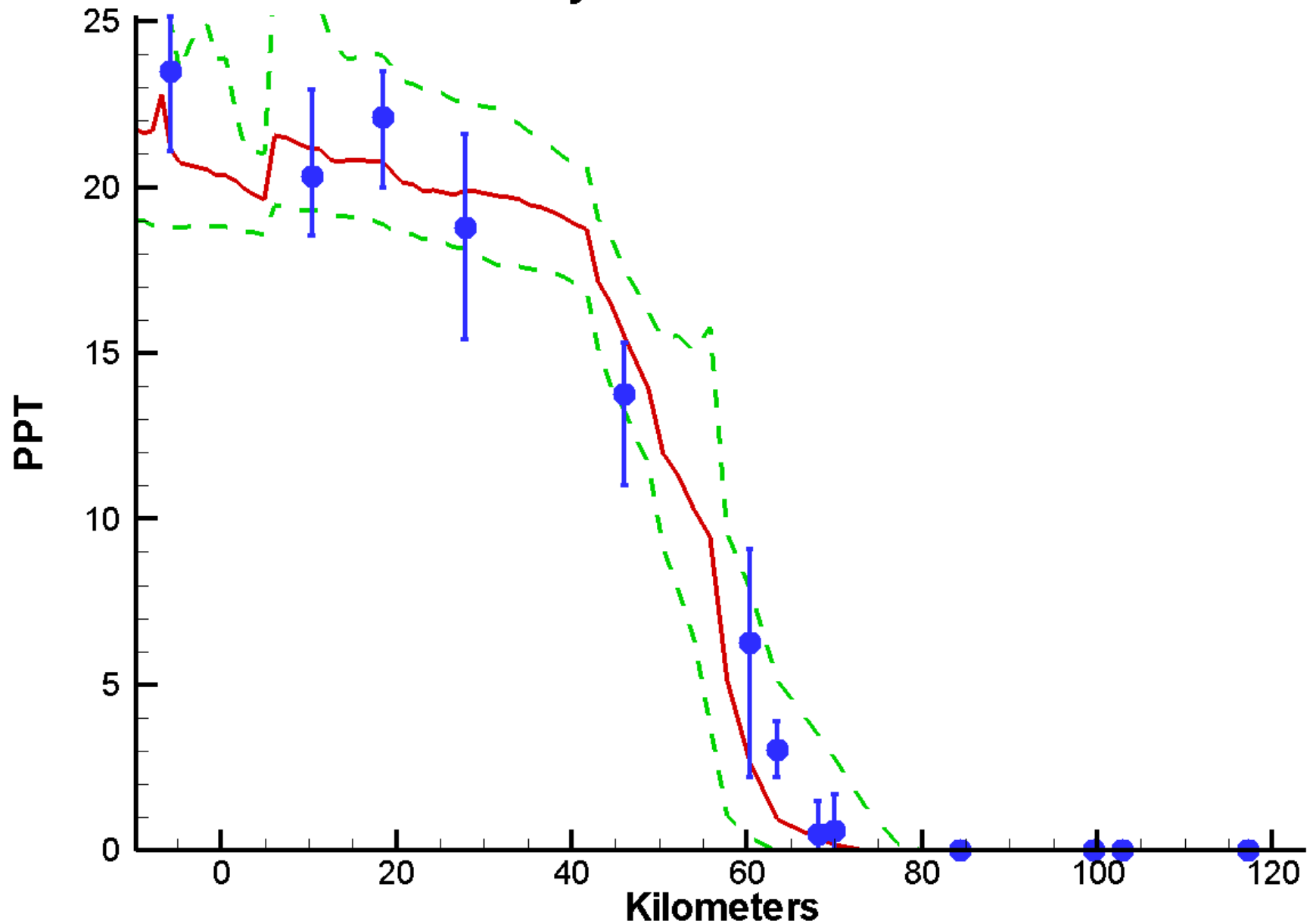
# York River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1994



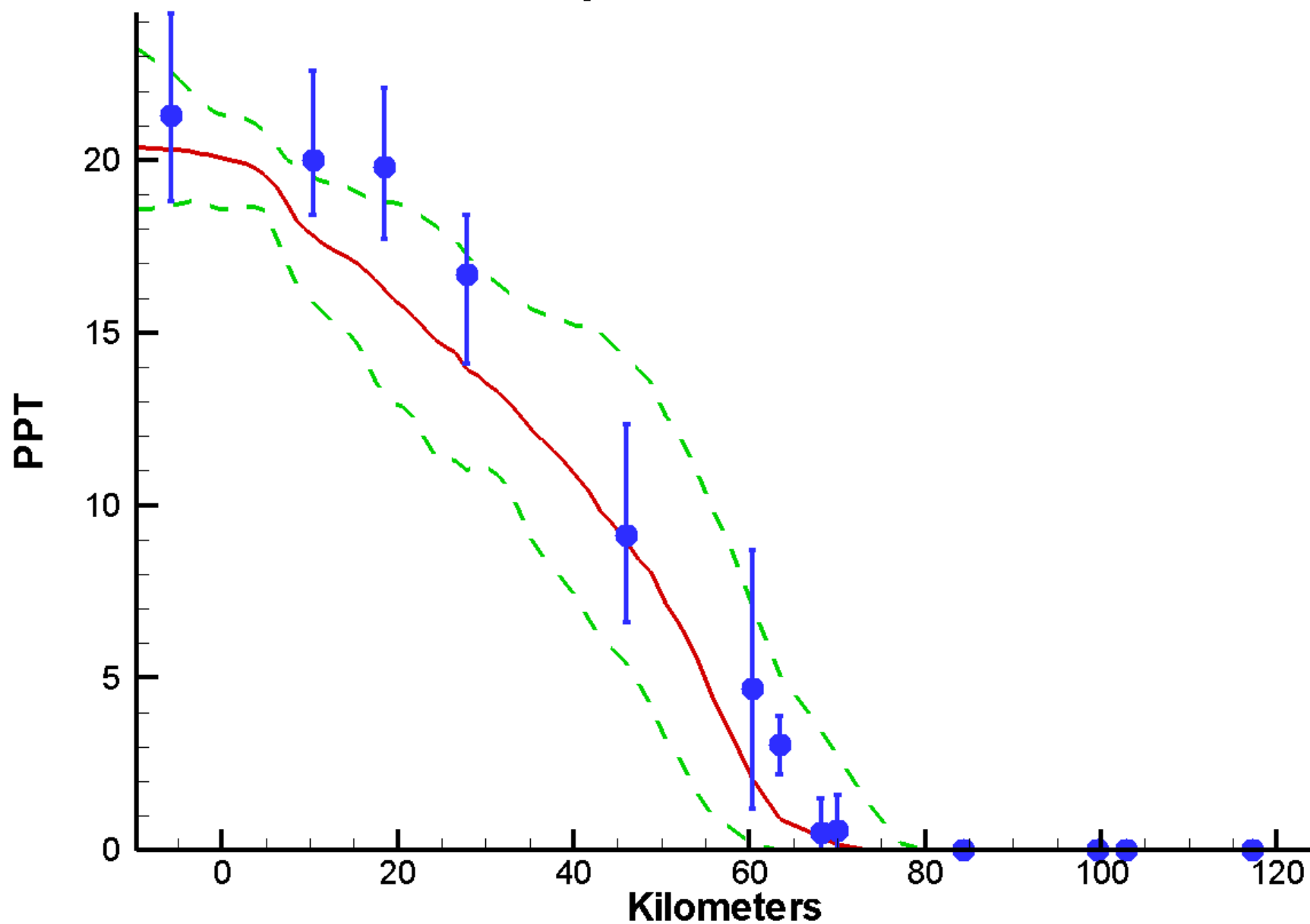
# York River Ches2015 Run118

## Bottom Salinity Winter 1994



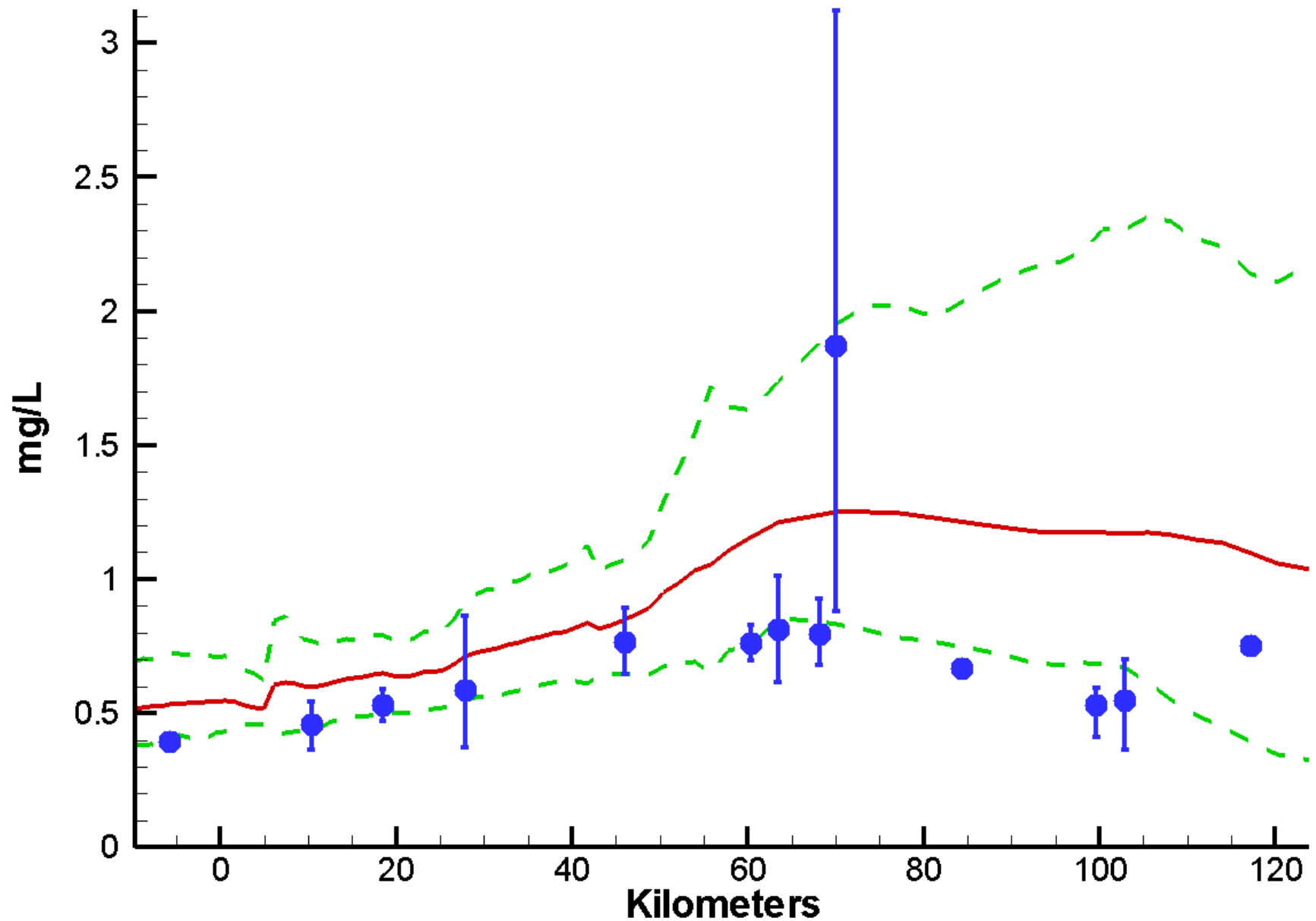
# York River Ches2015 Run118

## Surface Salinity Winter 1994



# York River Ches2015 Run118

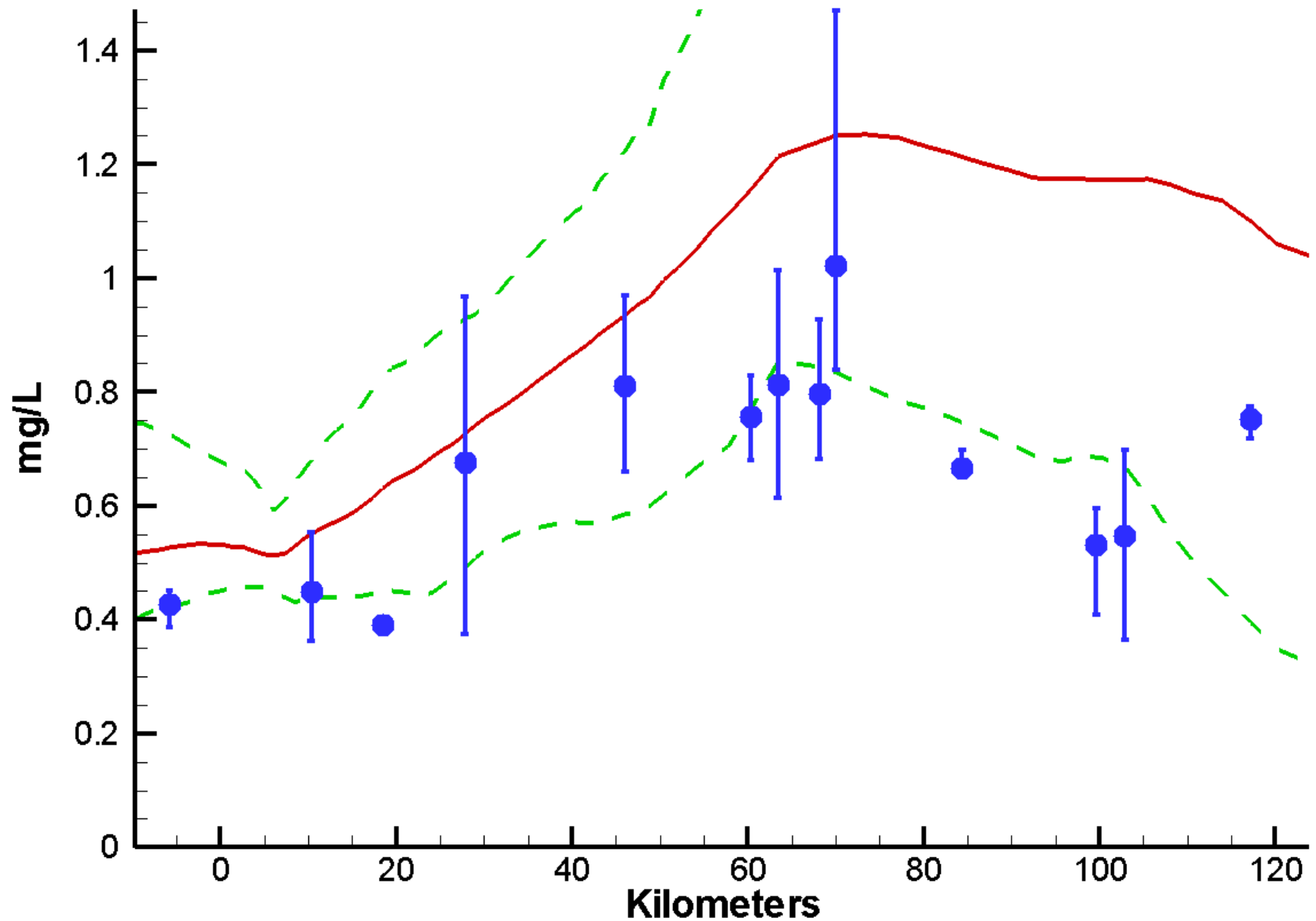
## Bottom Total Nitrogen Winter 1994





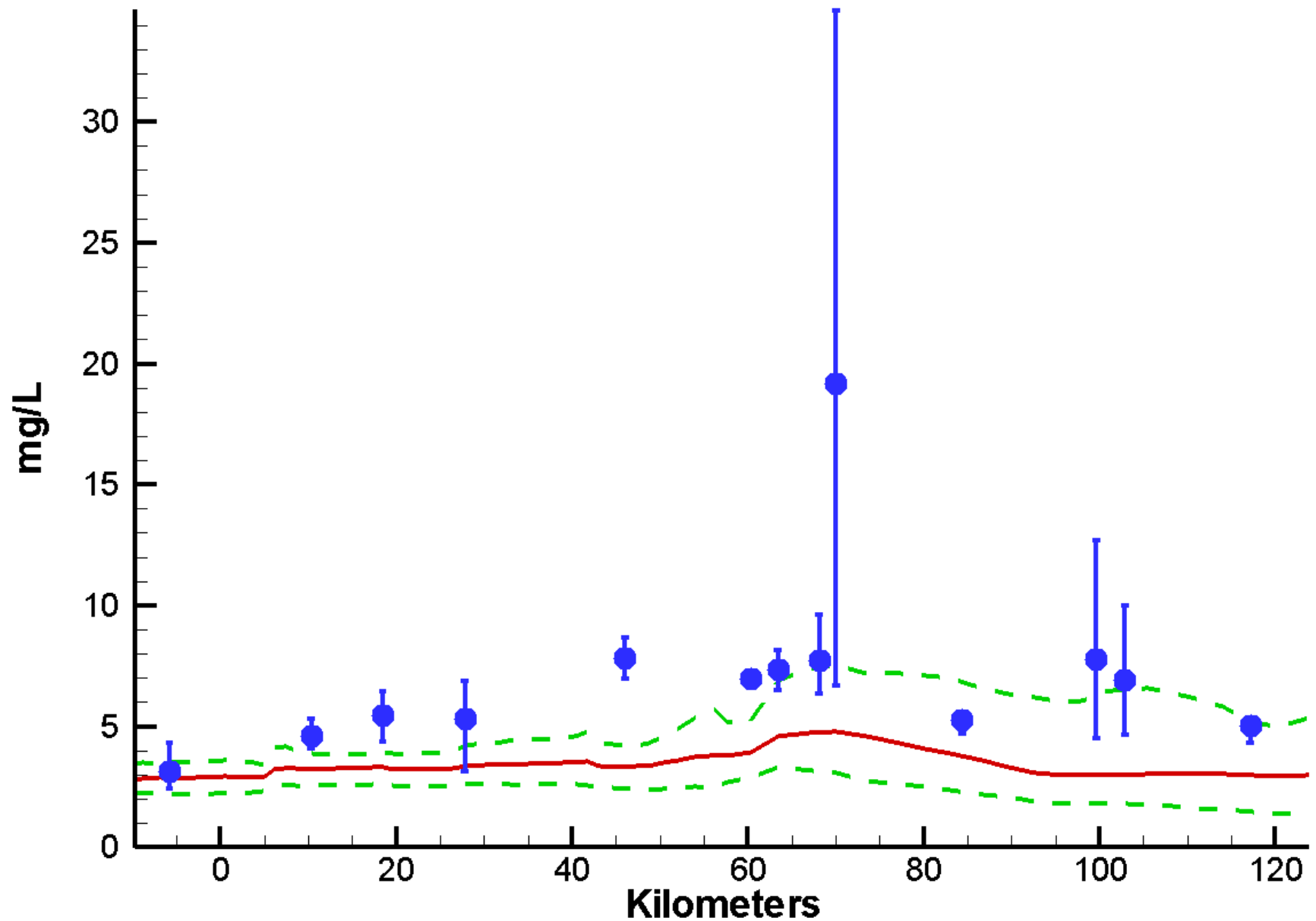
# York River Ches2015 Run118

## Surface Total Nitrogen Winter 1994



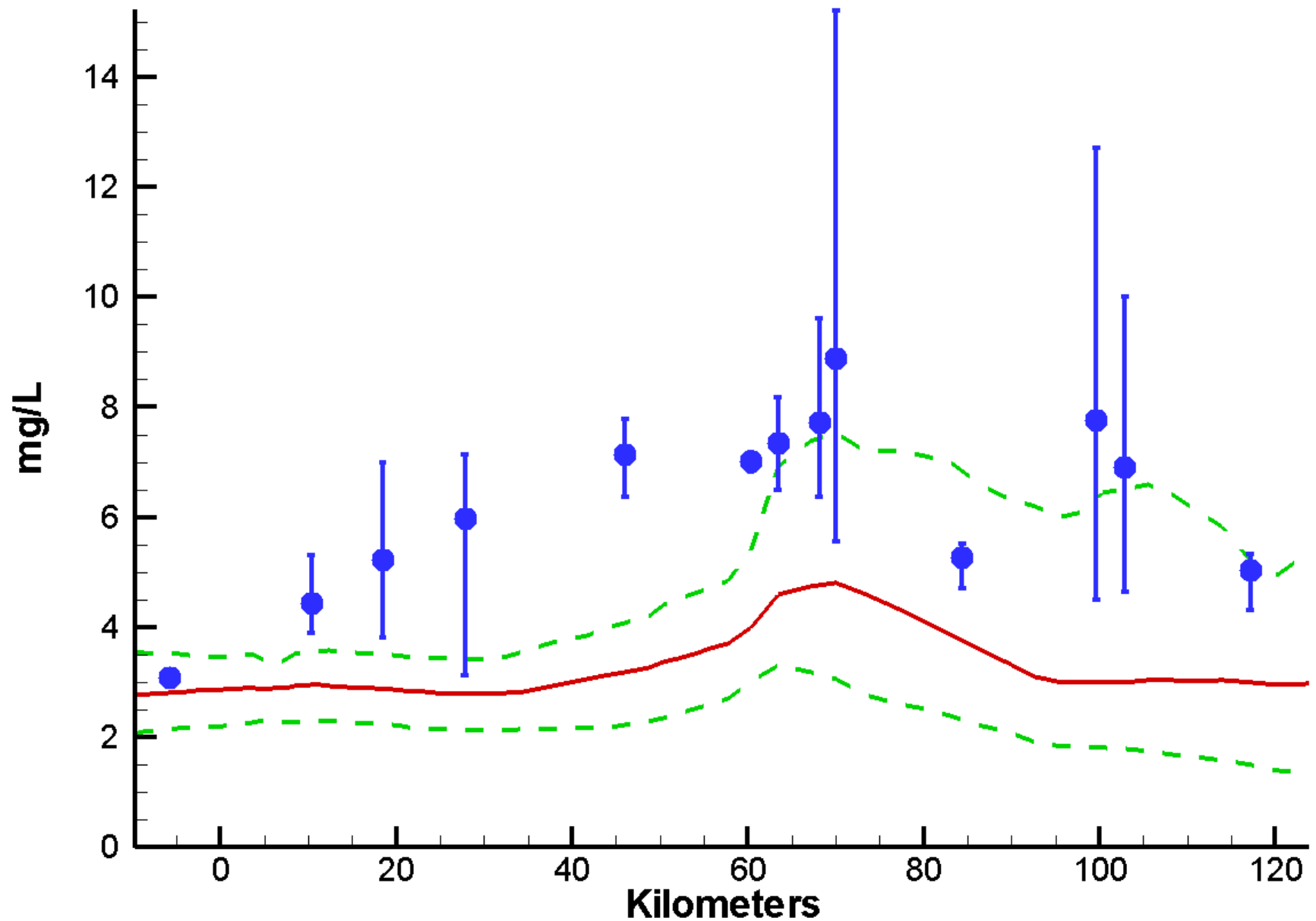
# York River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1994



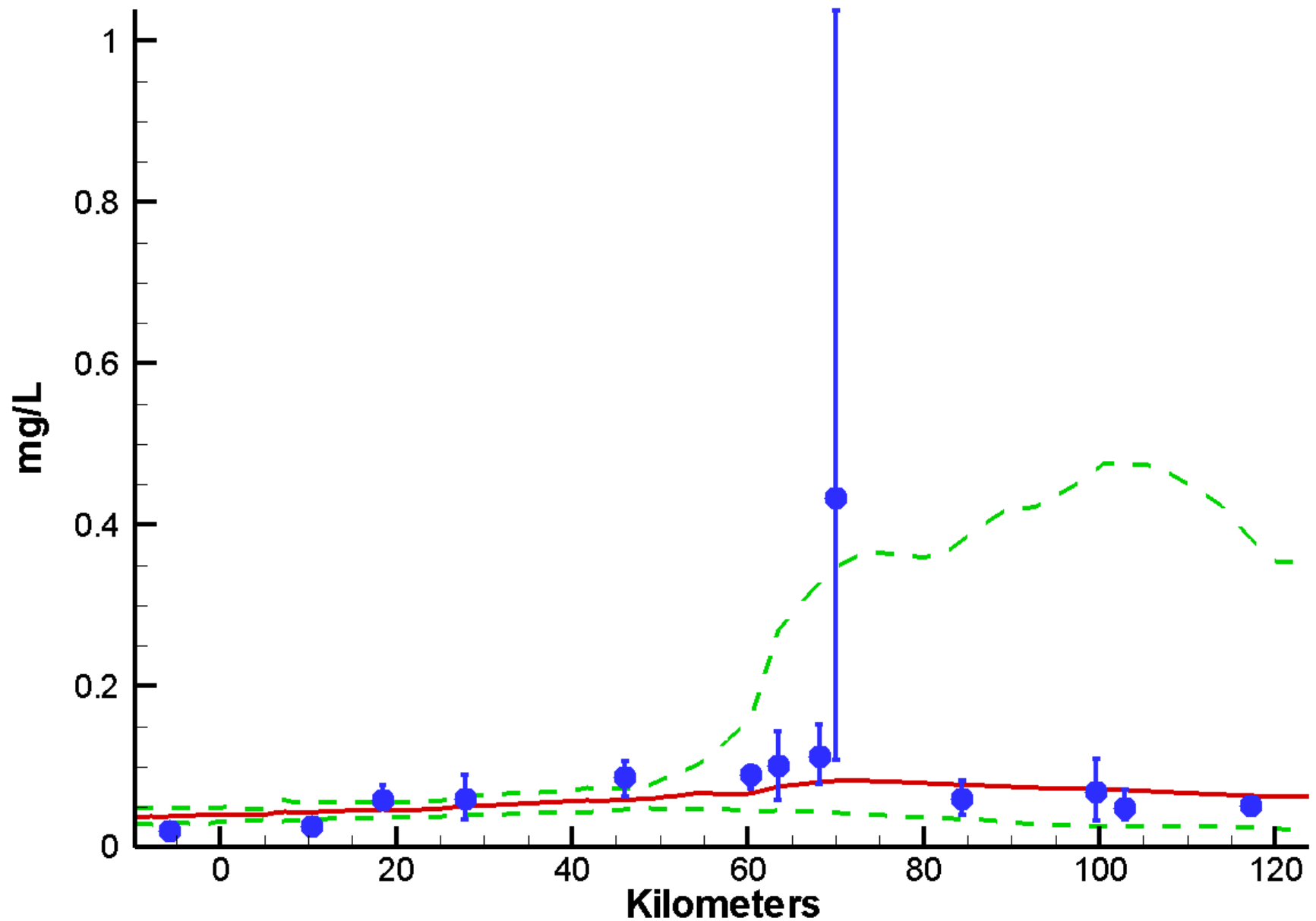
# York River Ches2015 Run118

## Surface Total Organic Carbon Winter 1994



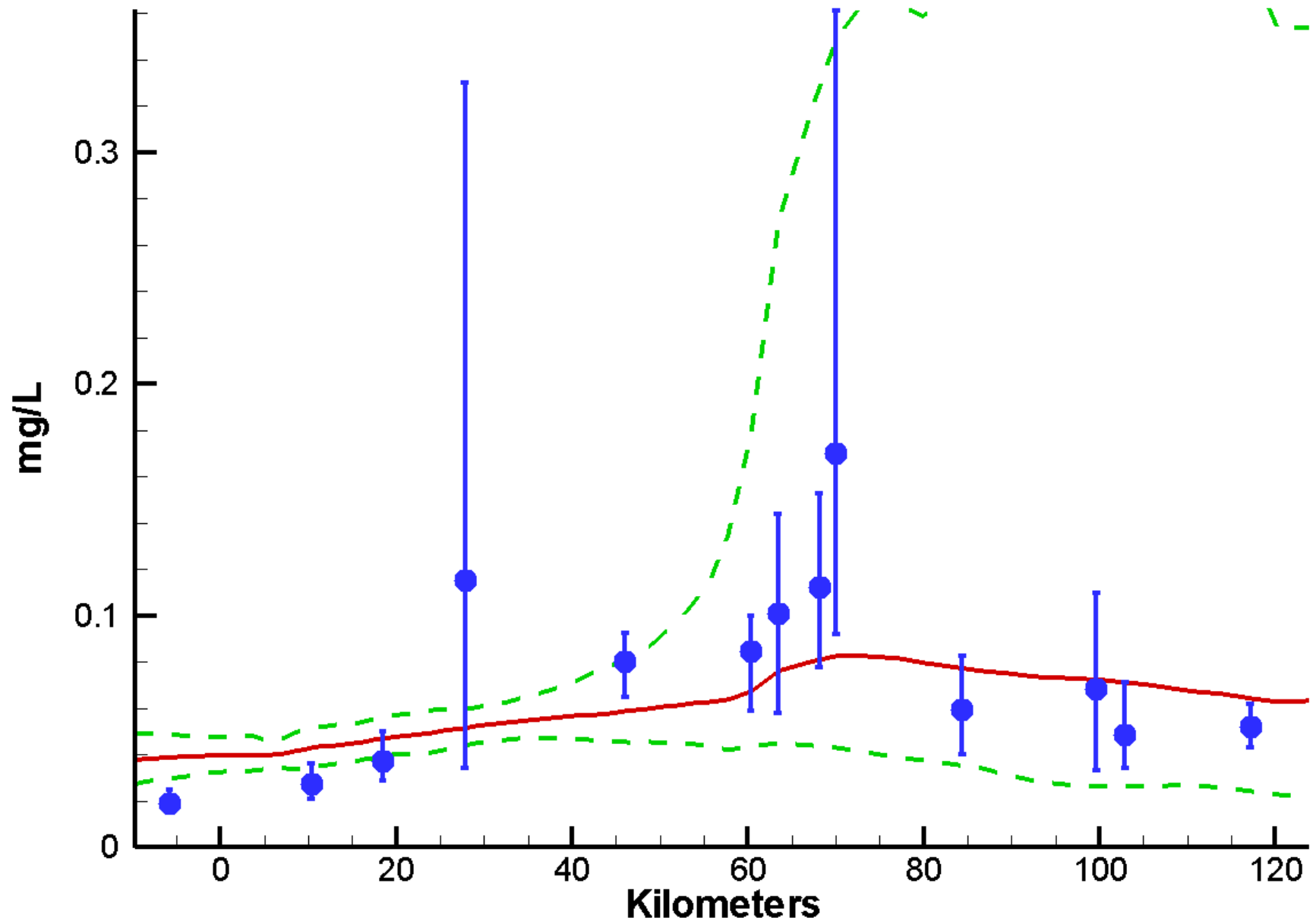
# York River Ches2015 Run118

## Bottom Total Phosphorus Winter 1994



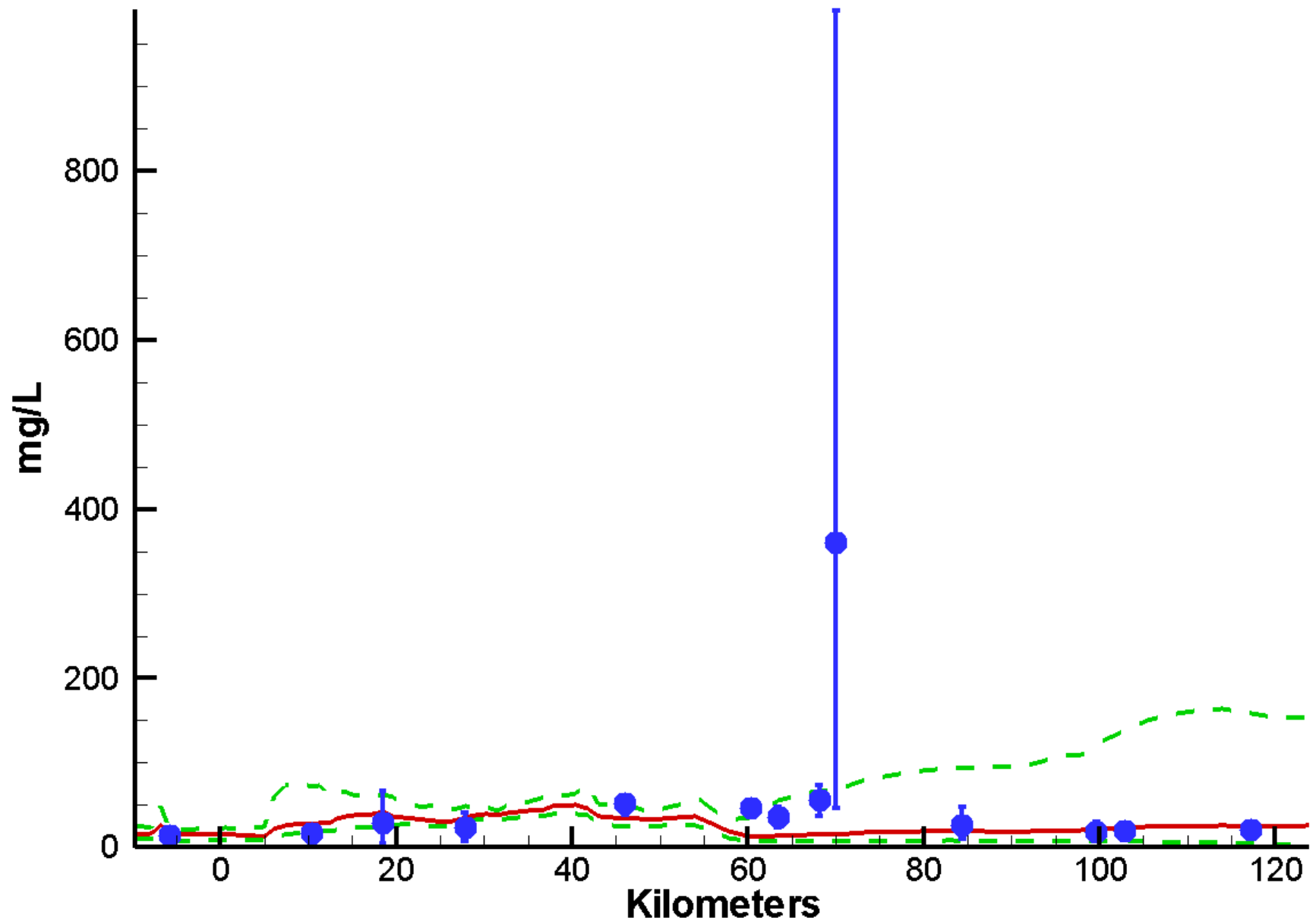
# York River Ches2015 Run118

## Surface Total Phosphorus Winter 1994



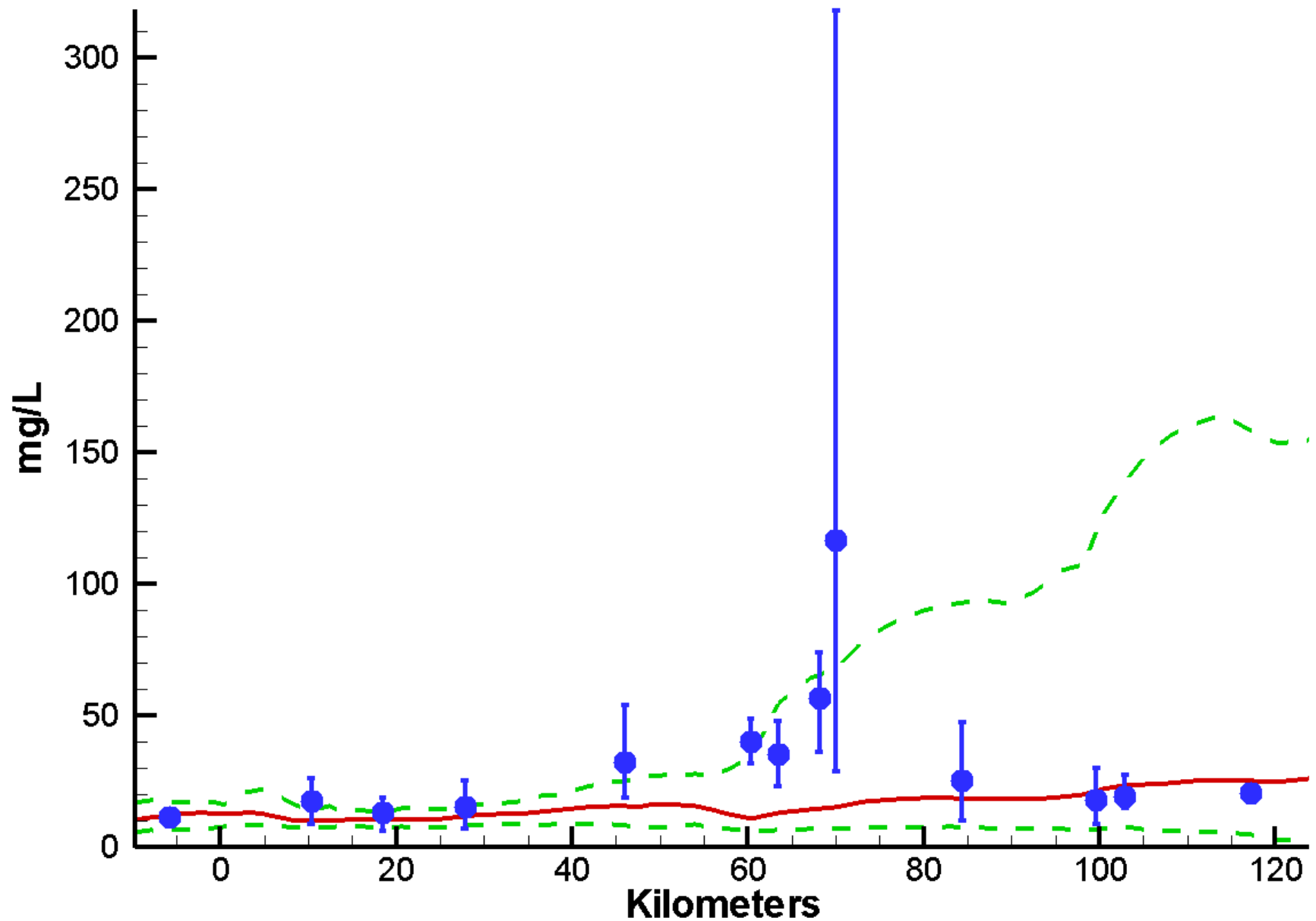
# York River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1994



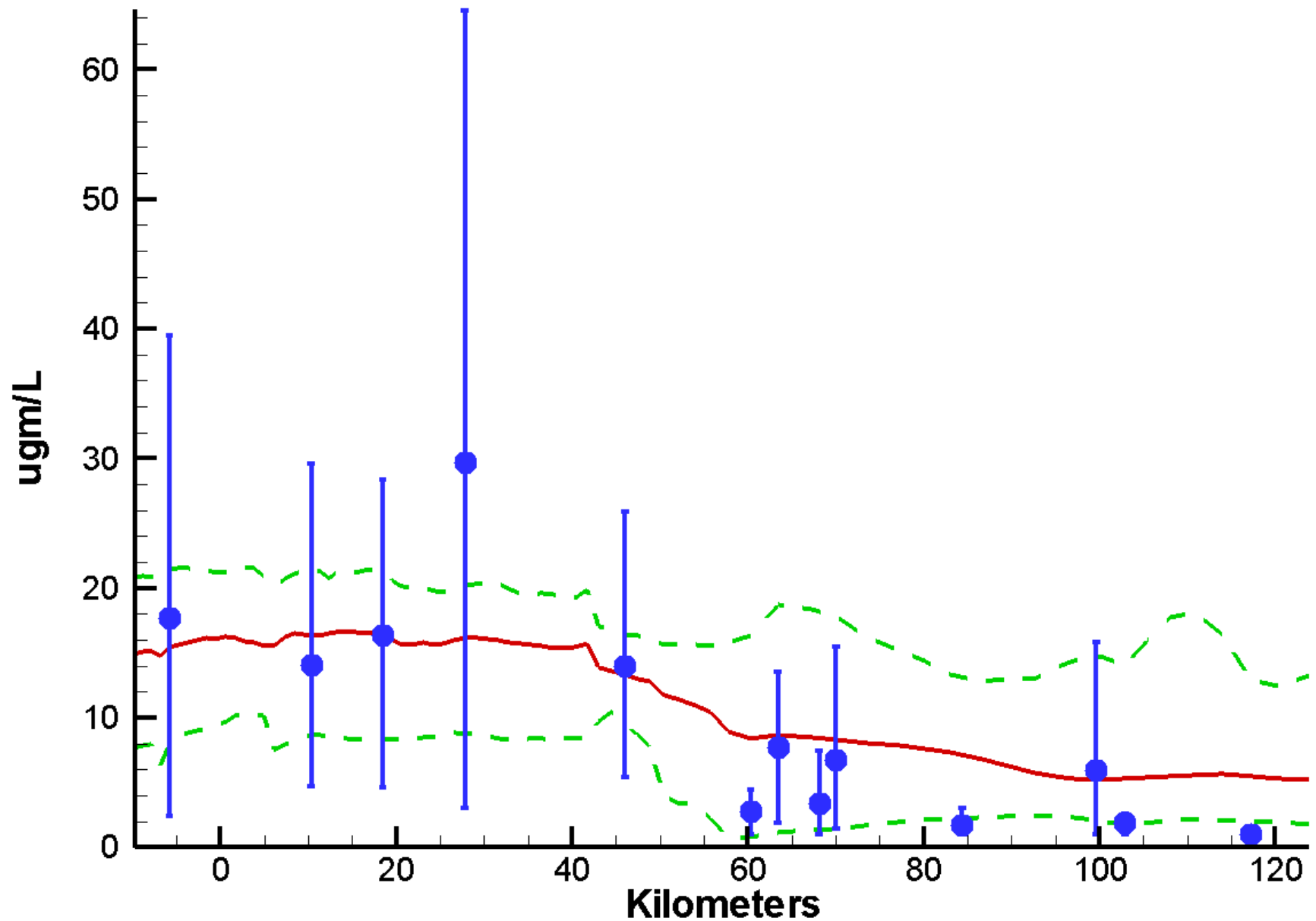
# York River Ches2015 Run118

## Surface Total Suspended Solids Winter 1994



# York River Ches2015 Run118

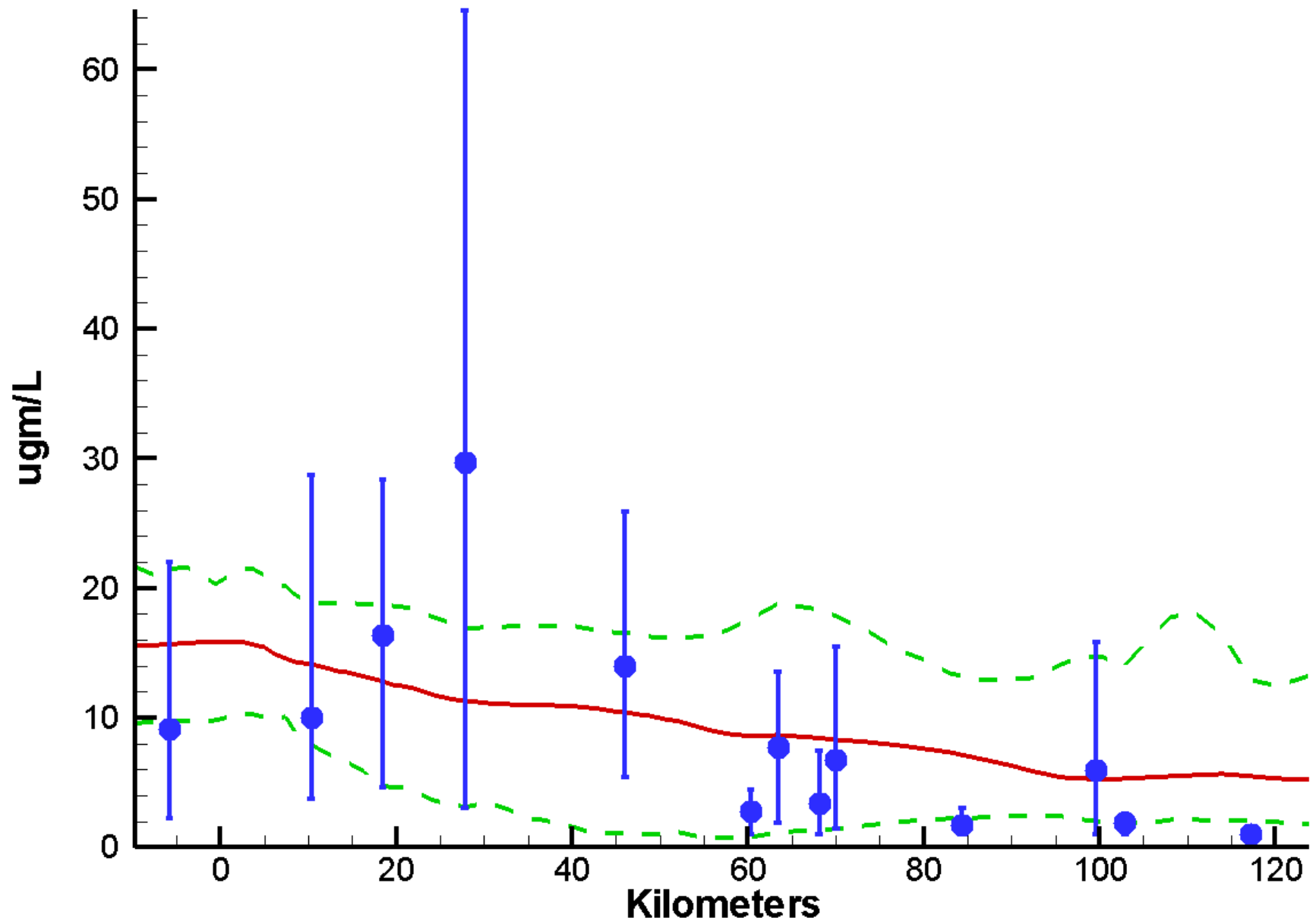
## Bottom Chlorophyll Spring 1994





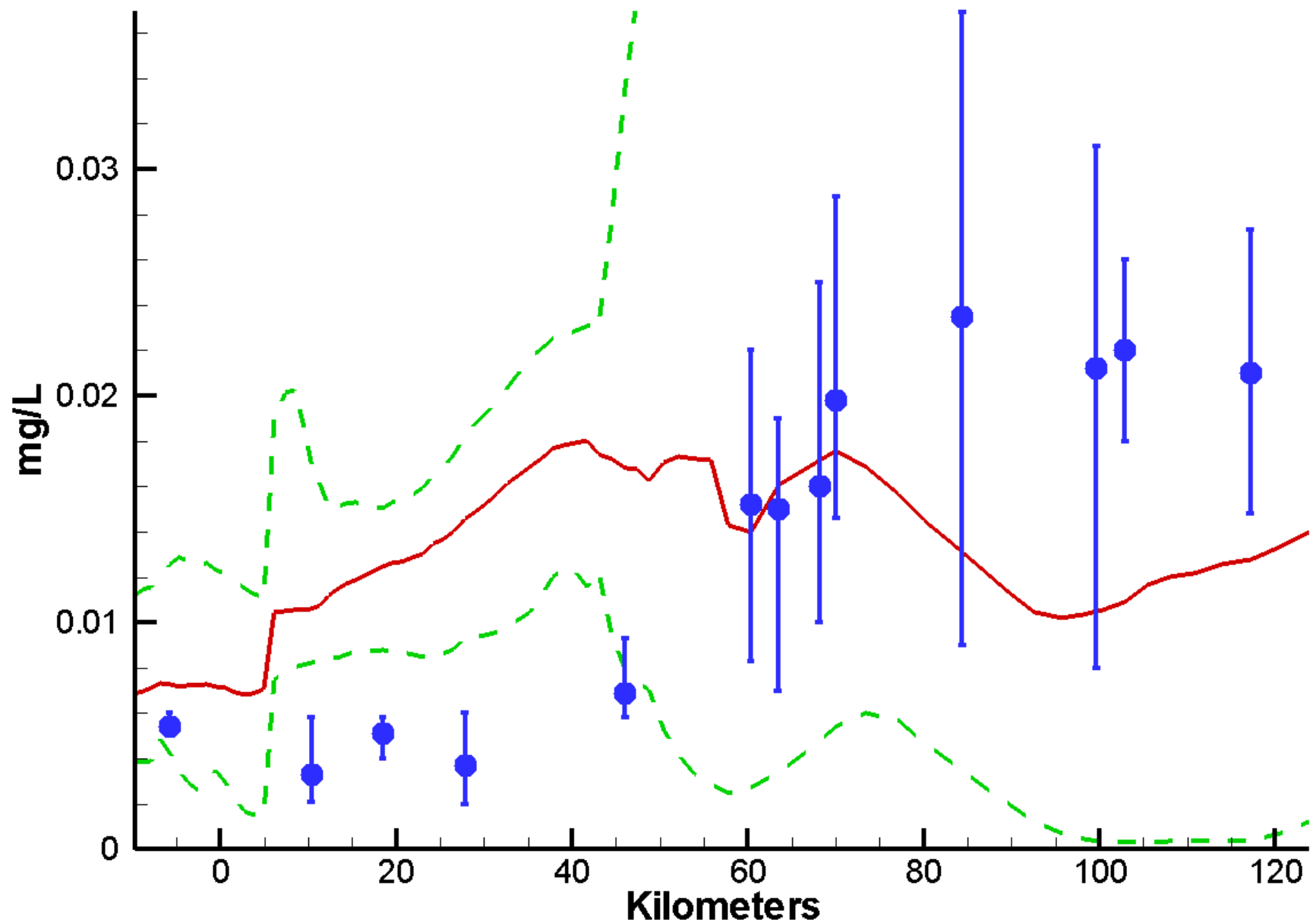
# York River Ches2015 Run118

## Surface Chlorophyll Spring 1994



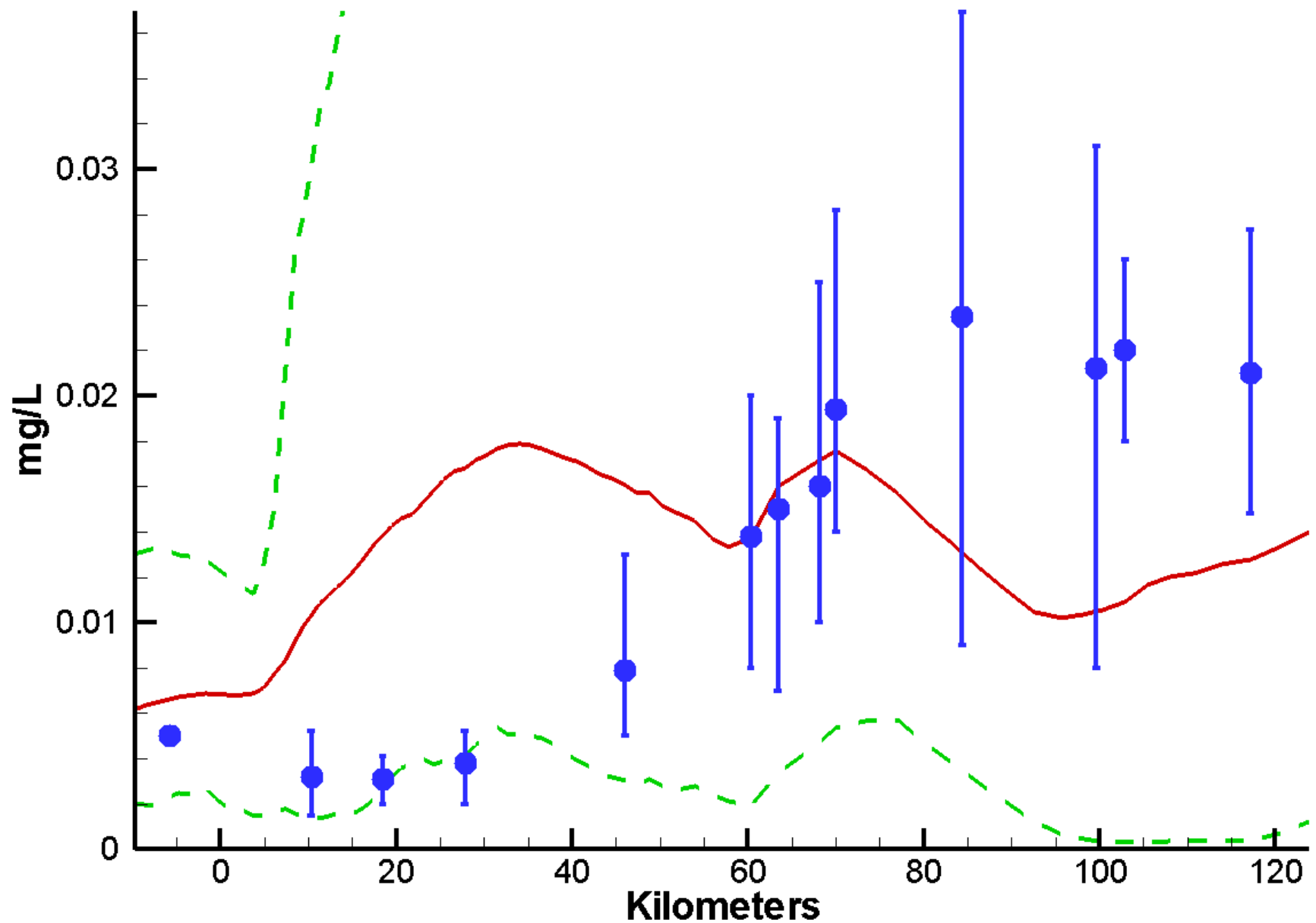
# York River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1994



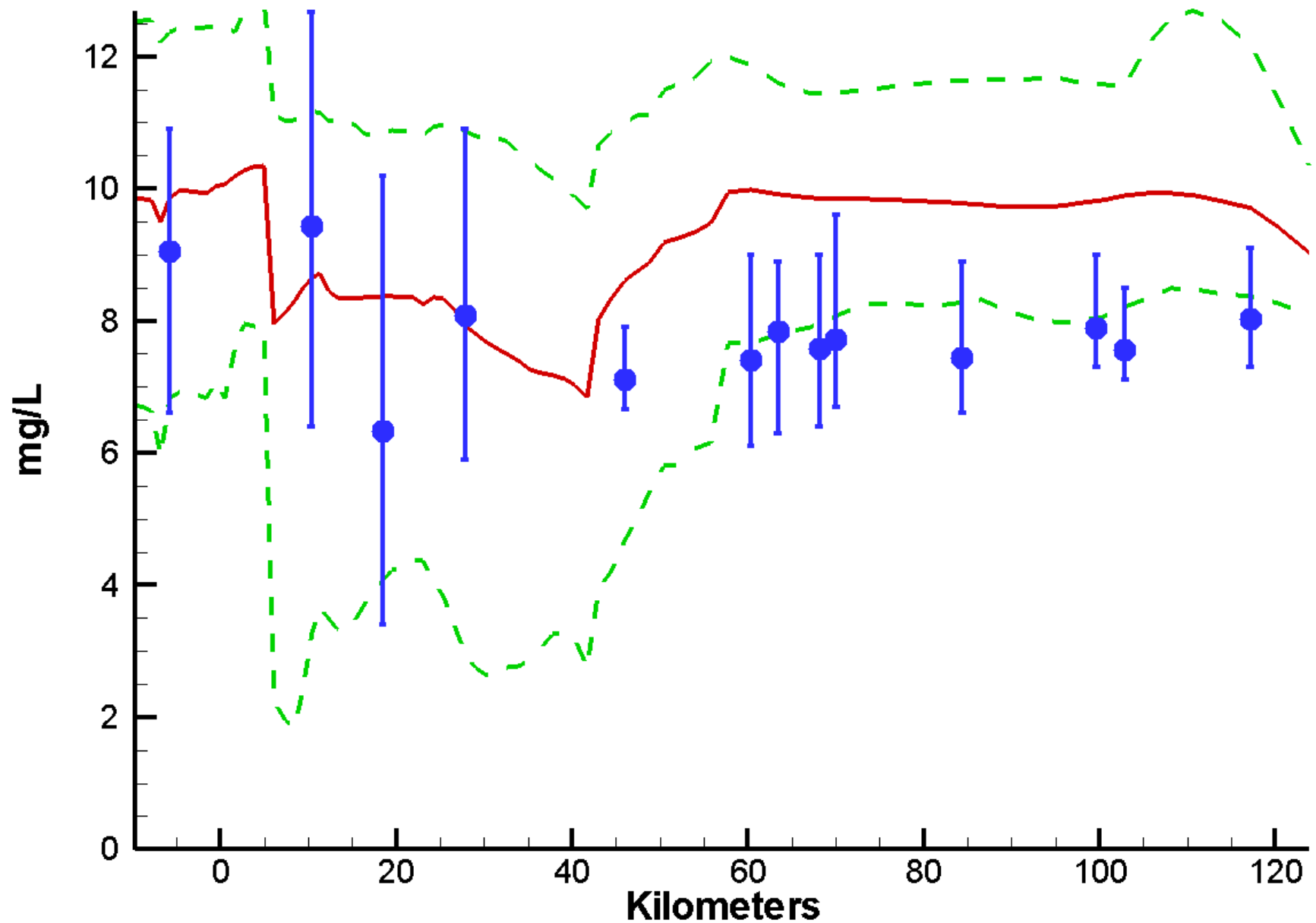
# York River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1994



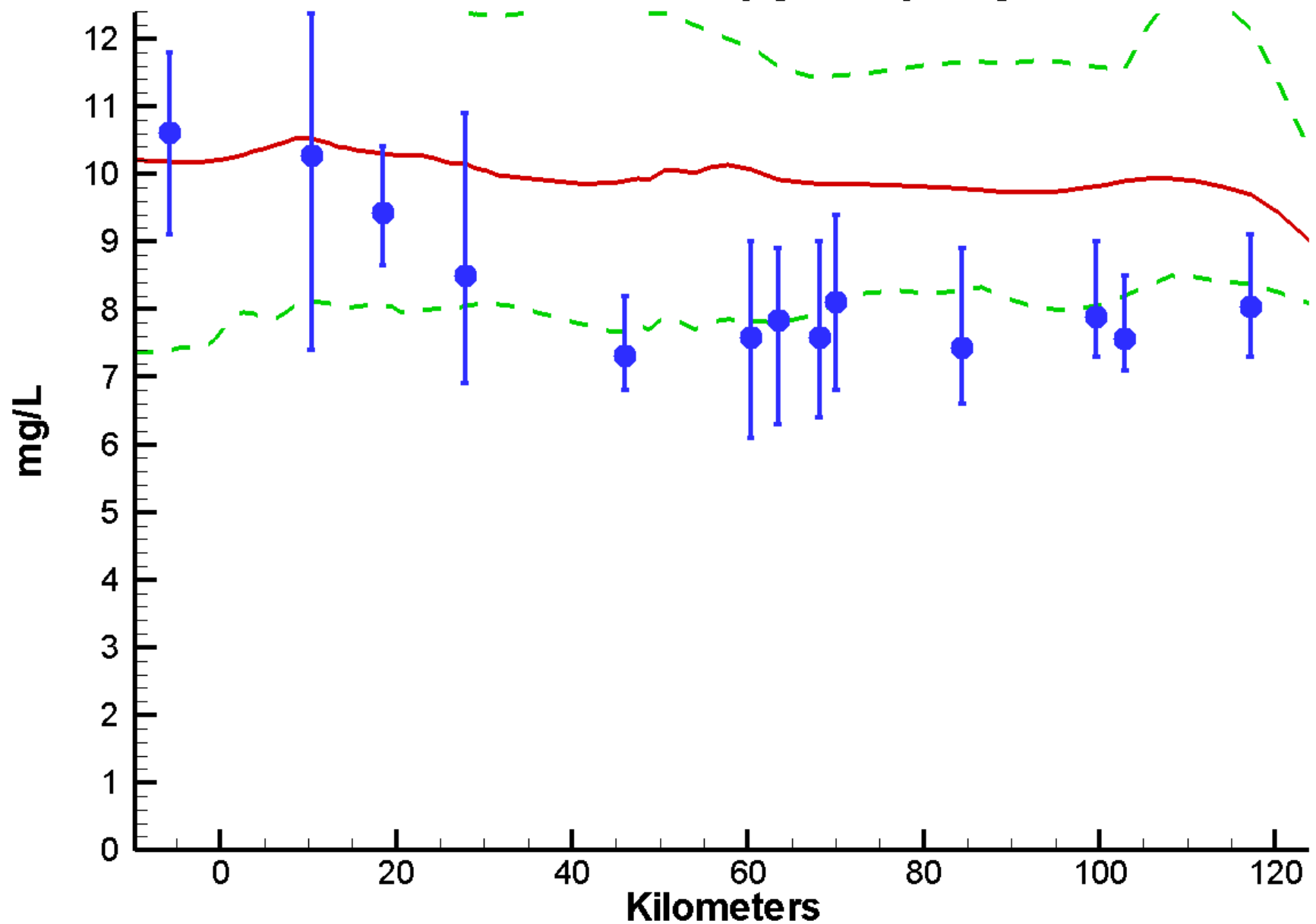
# York River Ches2015 Run118

## Bottom Dissolved Oxygen Spring 1994



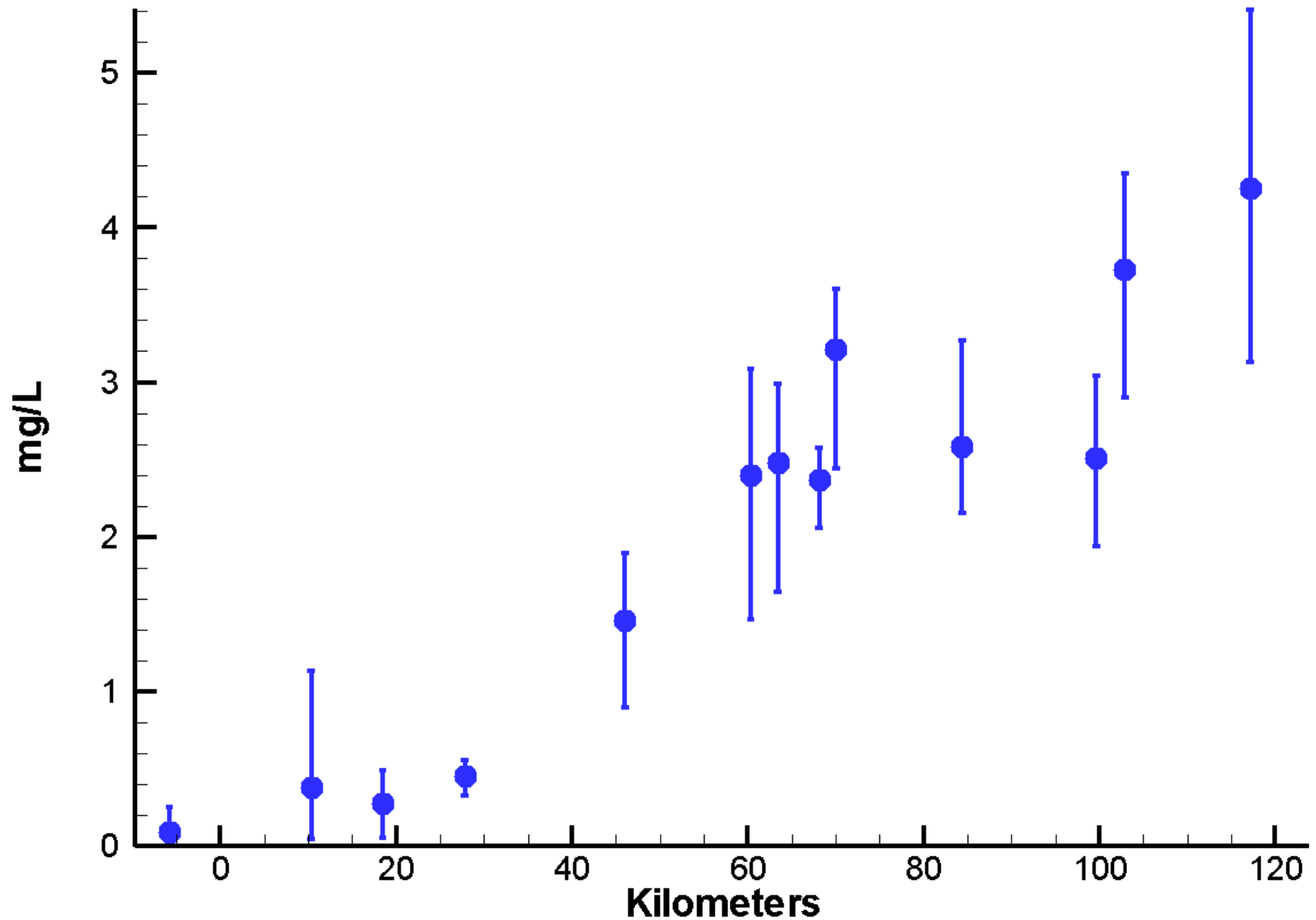
# York River Ches2015 Run118

## Surface Dissolved Oxygen Spring 1994



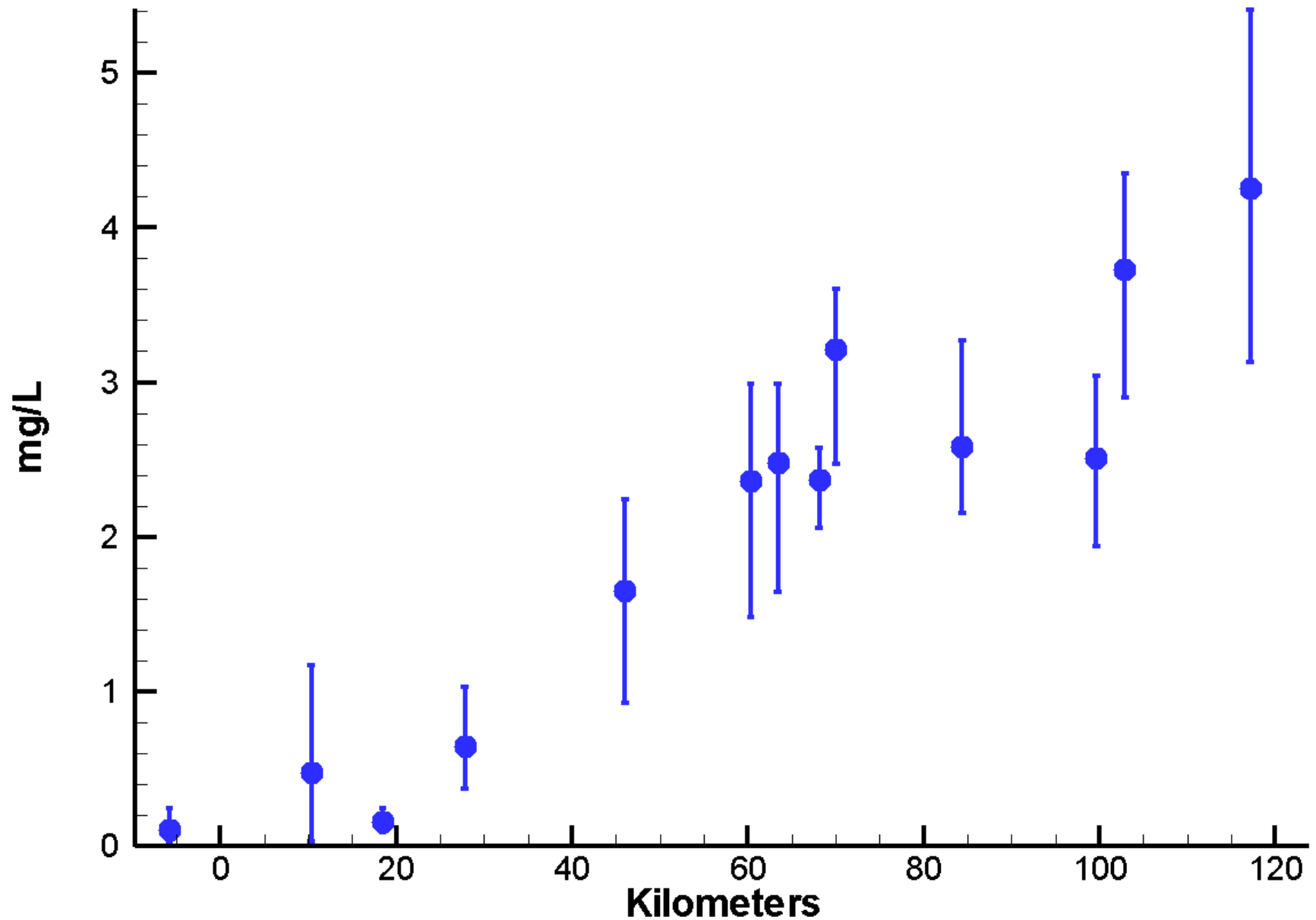
# York River Ches2015 Run118

## Bottom Dissolved Silica Spring 1994

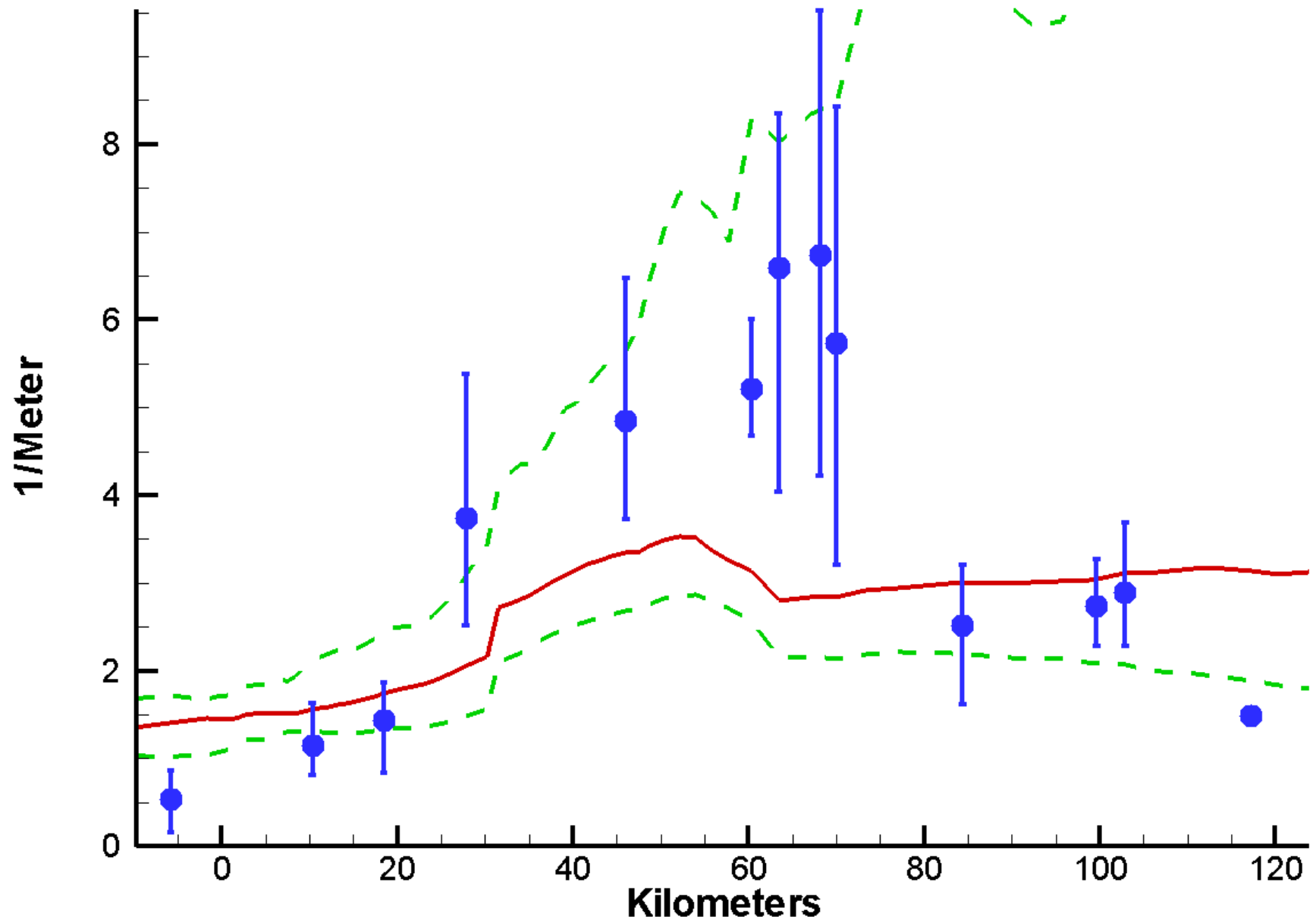


# York River Ches2015 Run118

## Surface Dissolved Silica Spring 1994



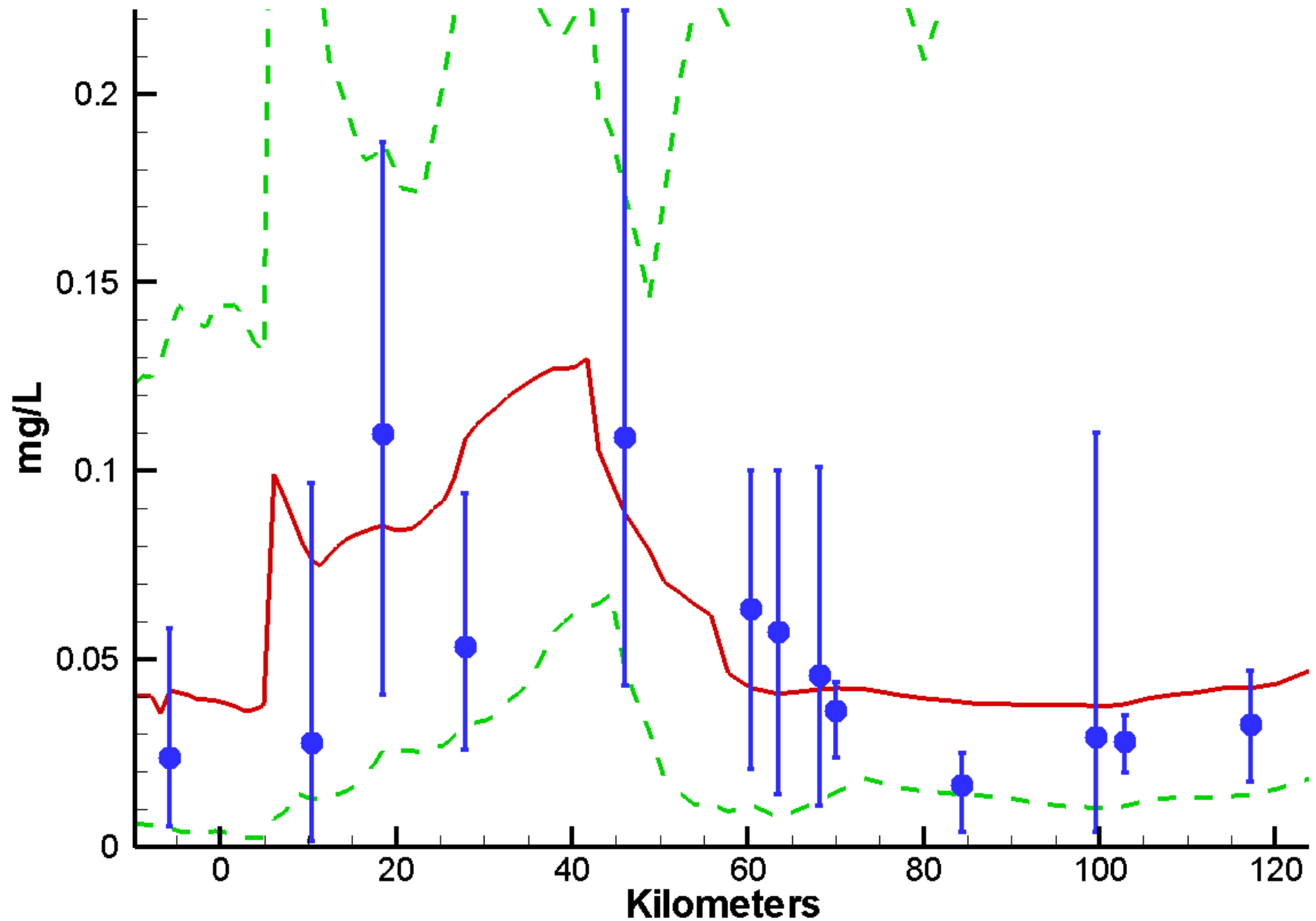
# York River Ches2015 Run118 Surface Light Extinction Spring 1994





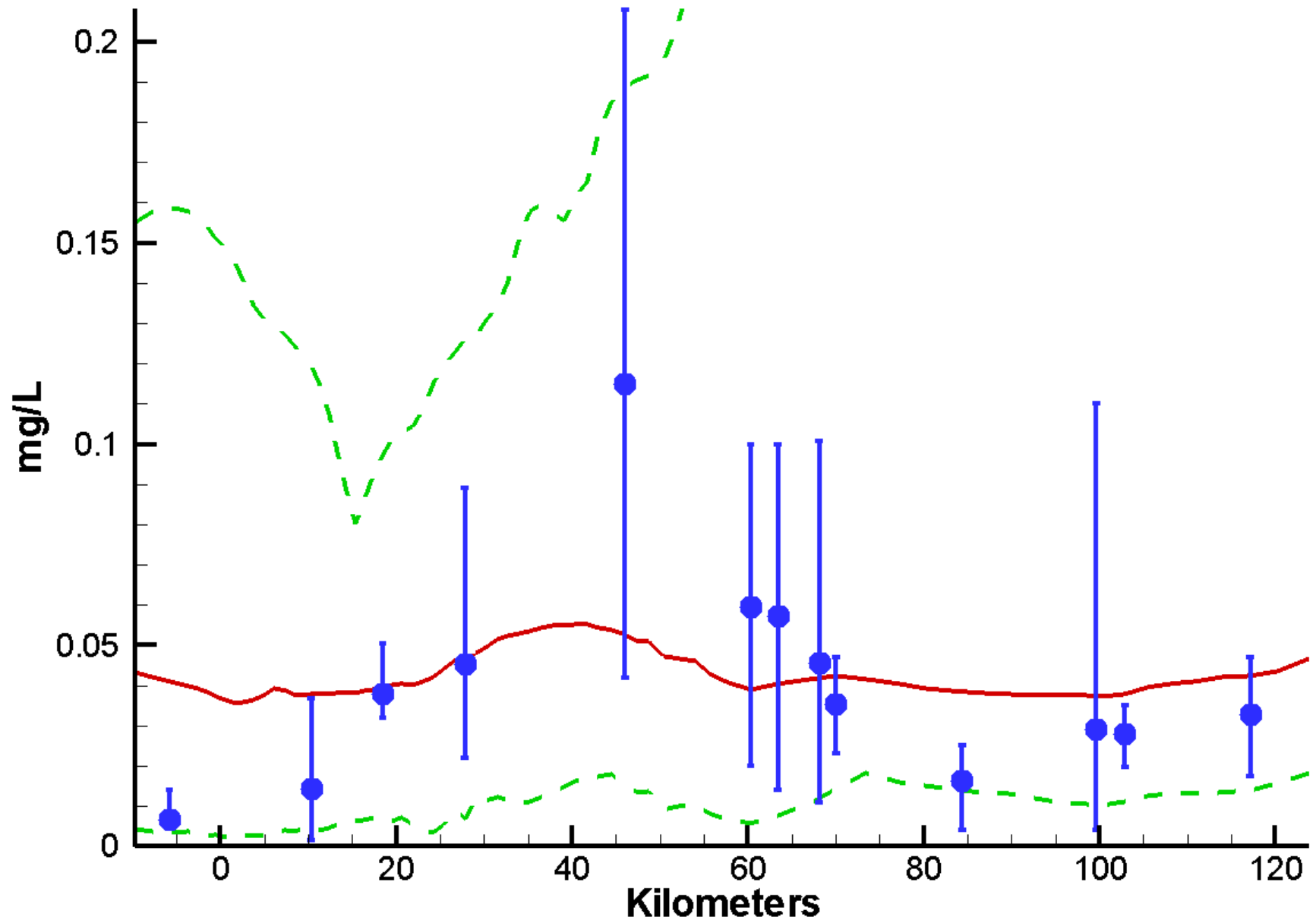
# York River Ches2015 Run118

## Bottom Ammonium Spring 1994



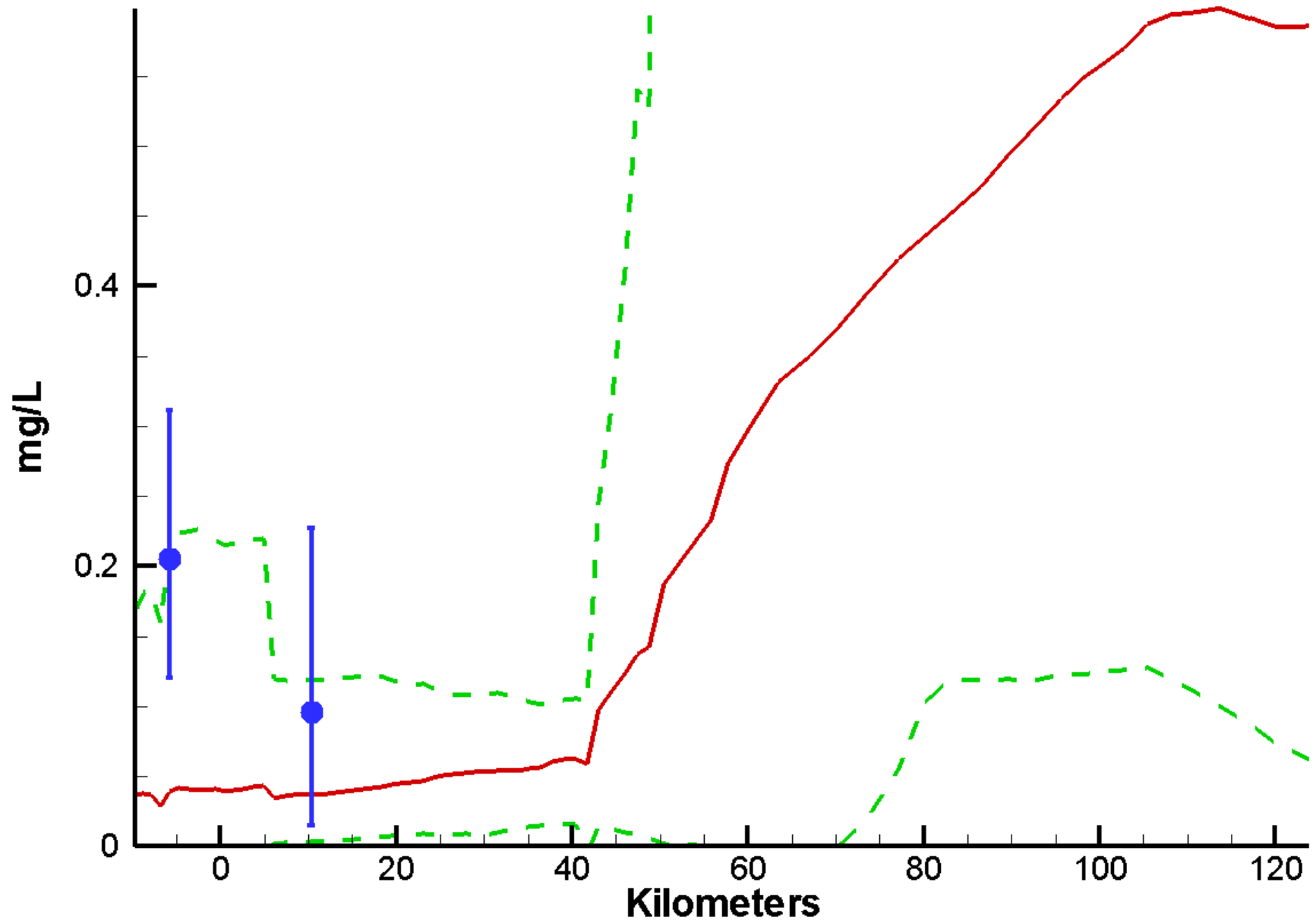
# York River Ches2015 Run118

## Surface Ammonium Spring 1994



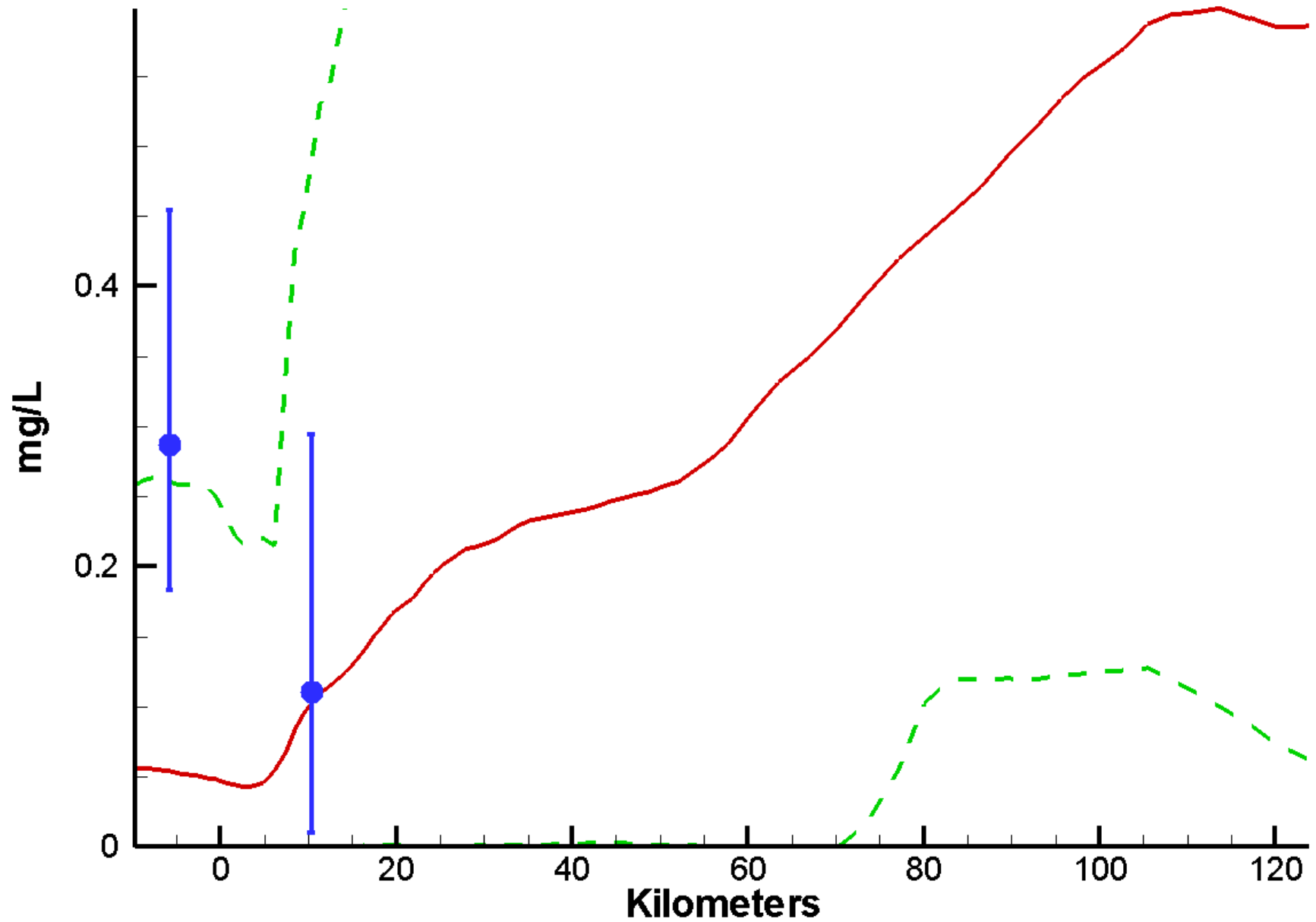
# York River Ches2015 Run118

## Bottom Nitrate Spring 1994



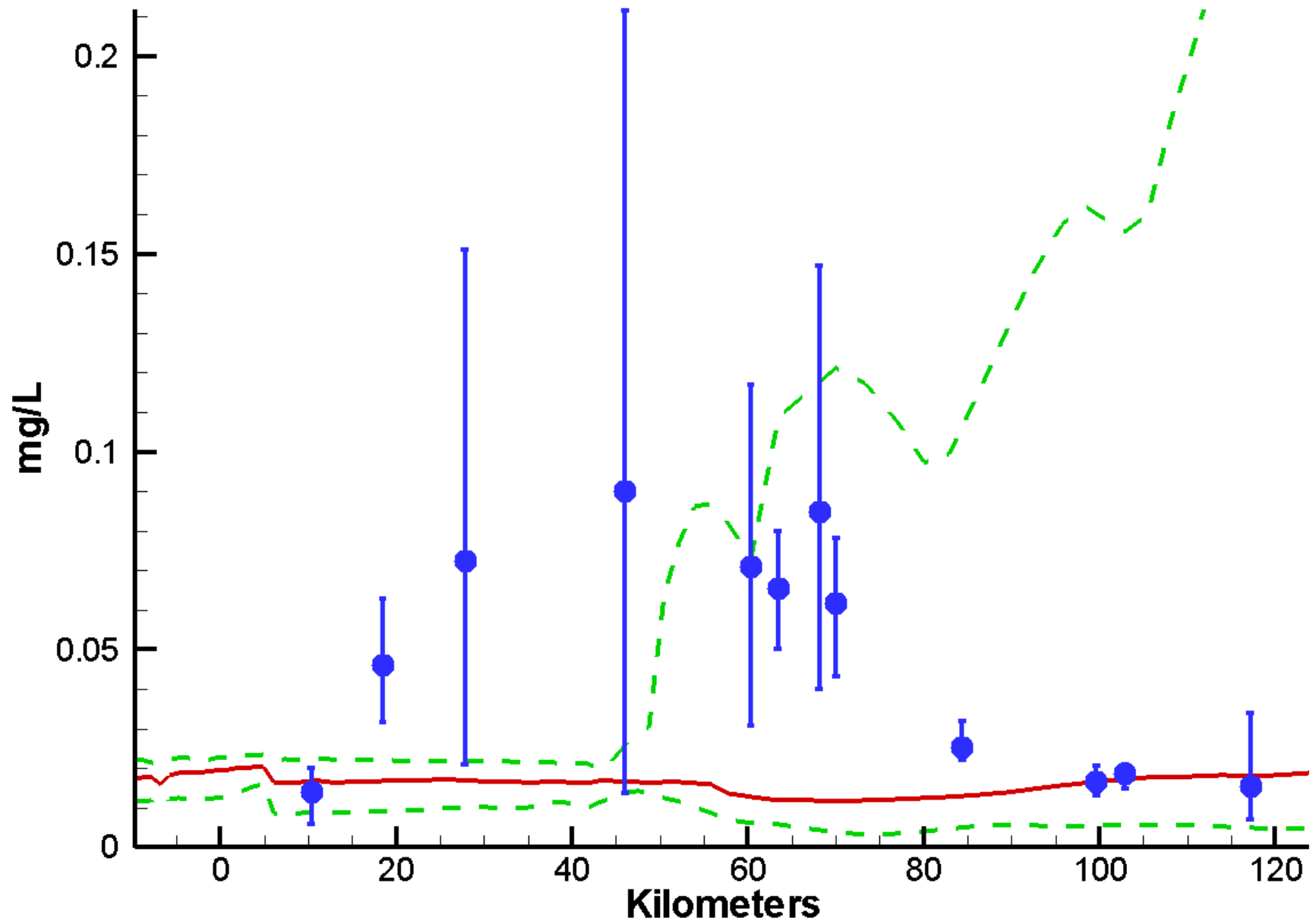
# York River Ches2015 Run118

## Surface Nitrate Spring 1994



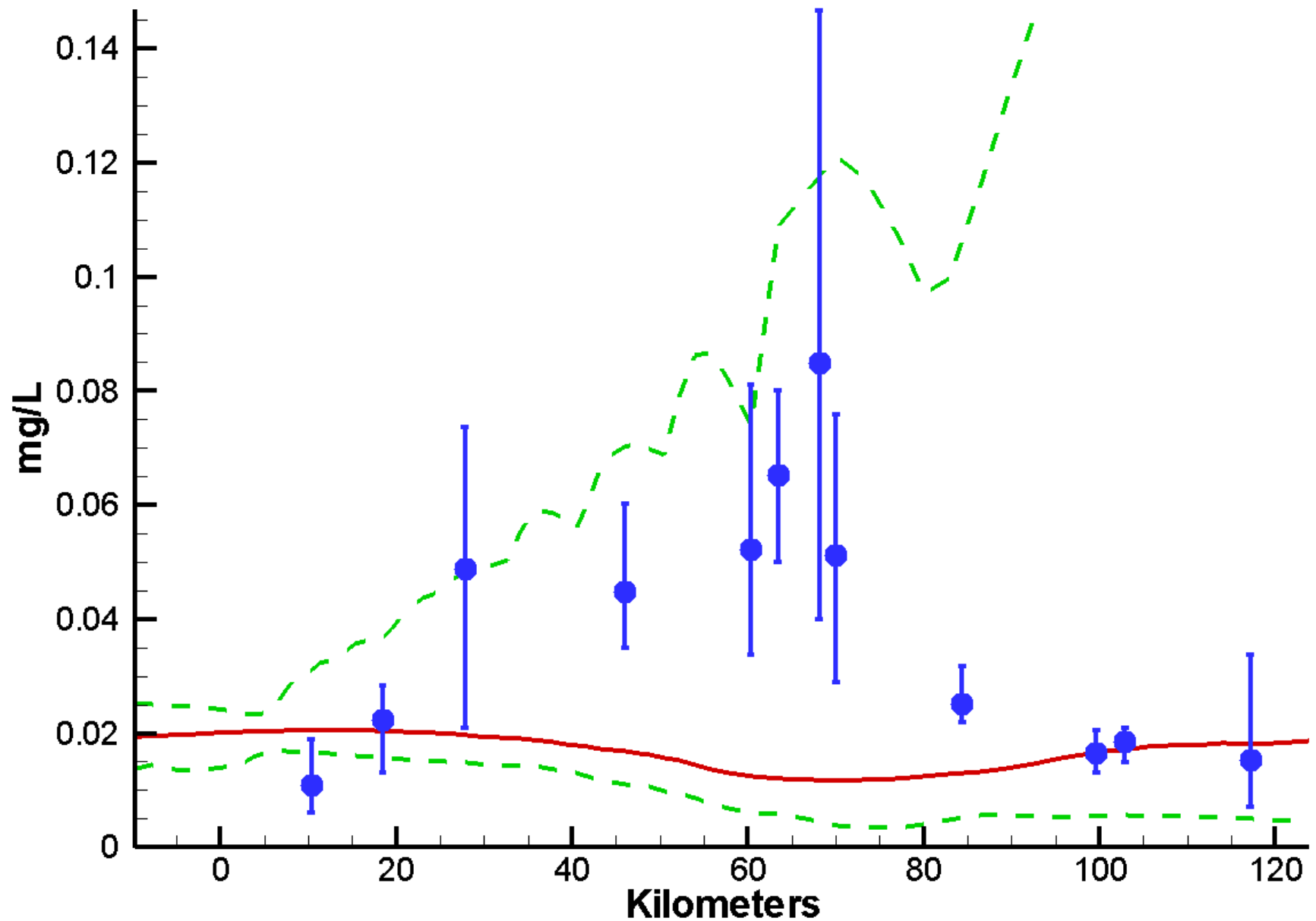
# York River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1994



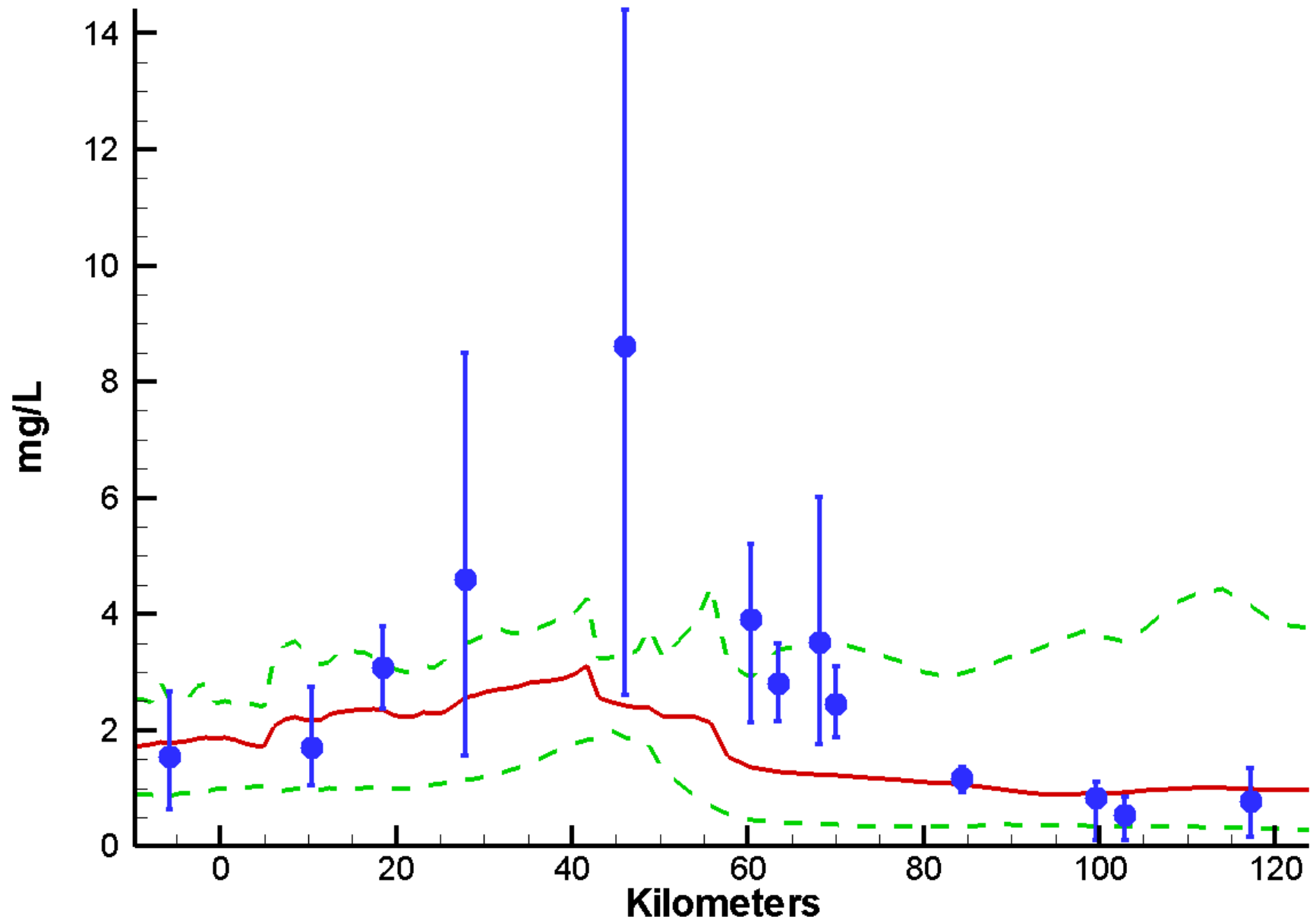
# York River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1994



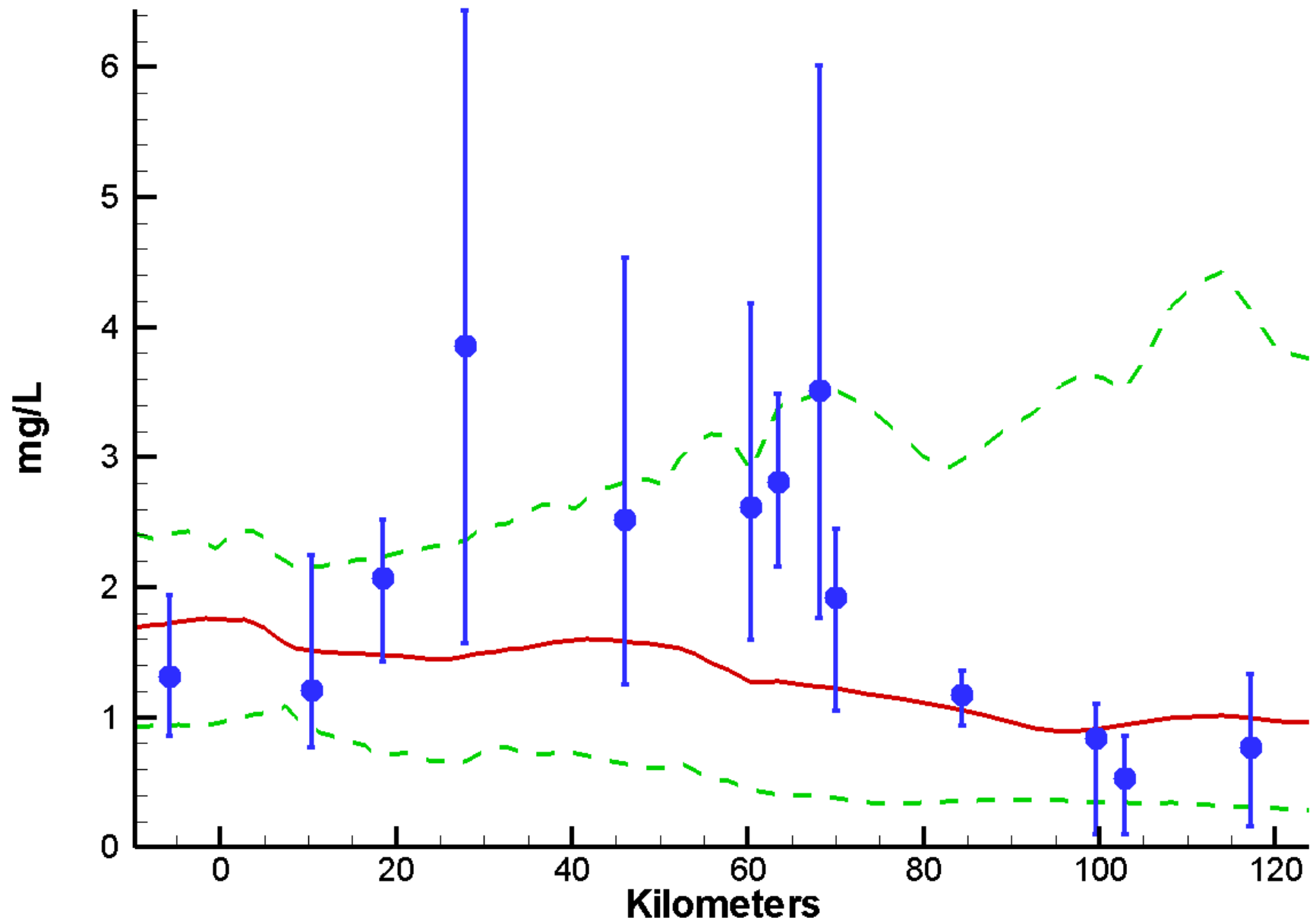
# York River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1994



# York River Ches2015 Run118

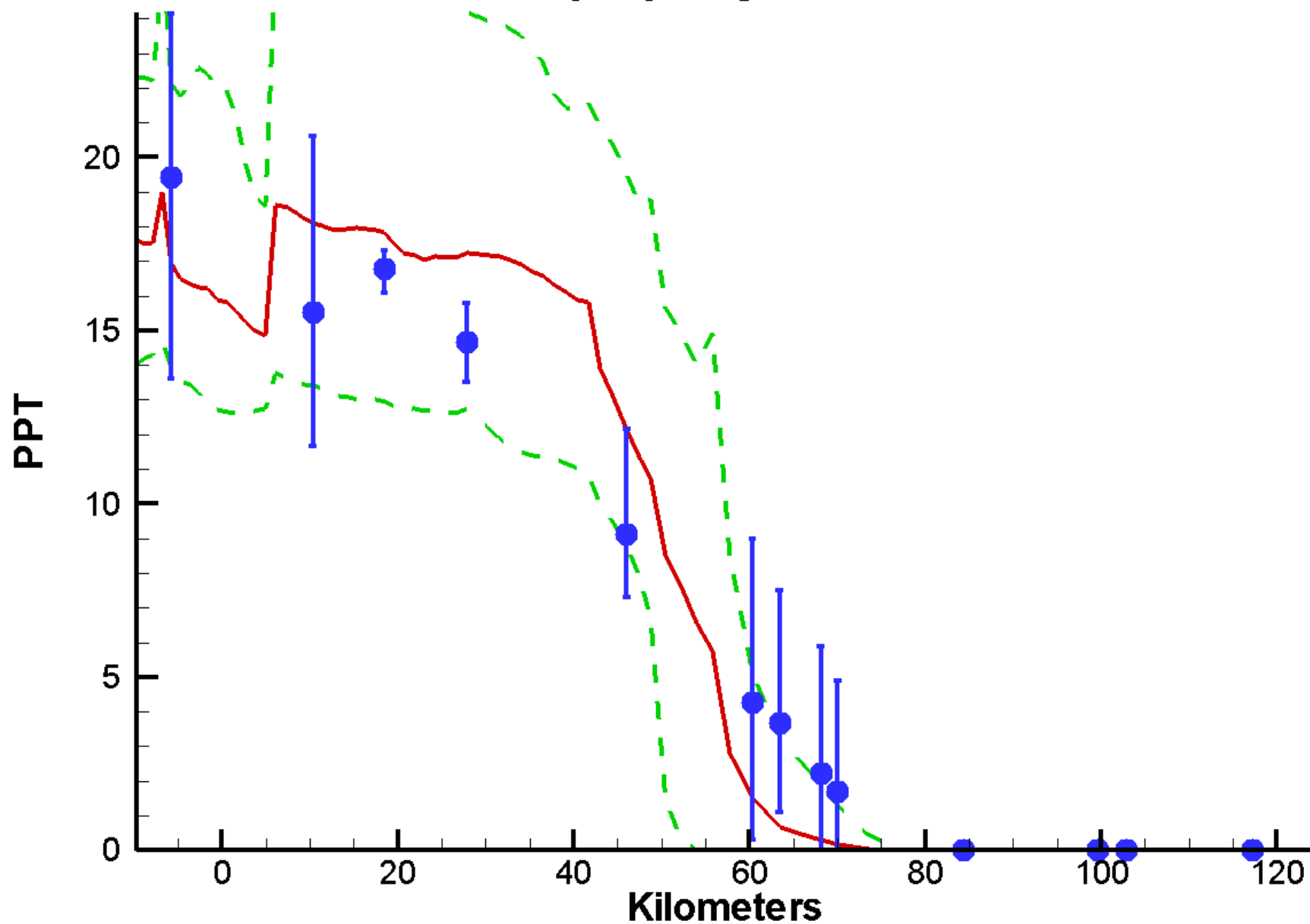
## Surface Particulate Organic Carbon Spring 1994





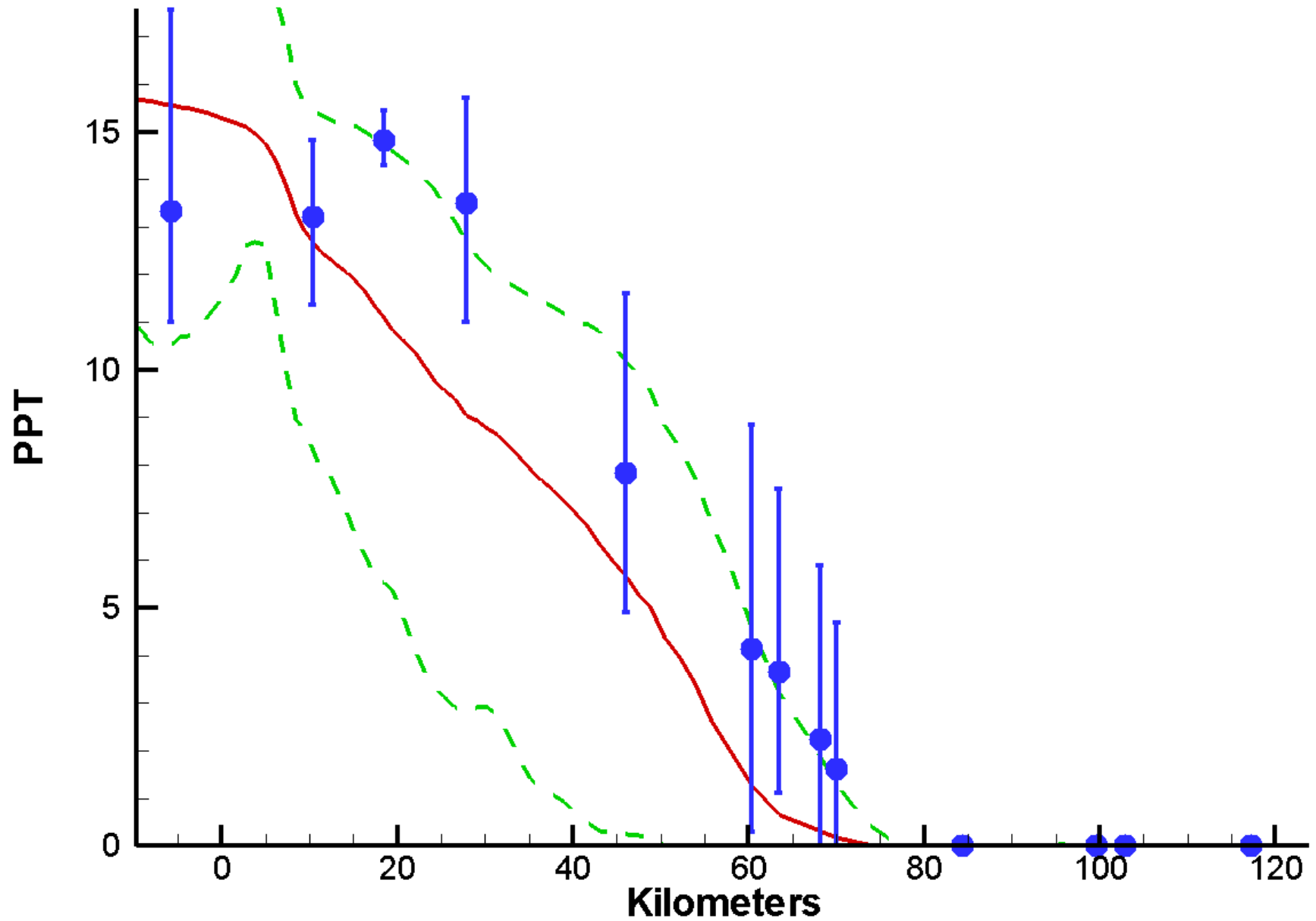
# York River Ches2015 Run118

## Bottom Salinity Spring 1994



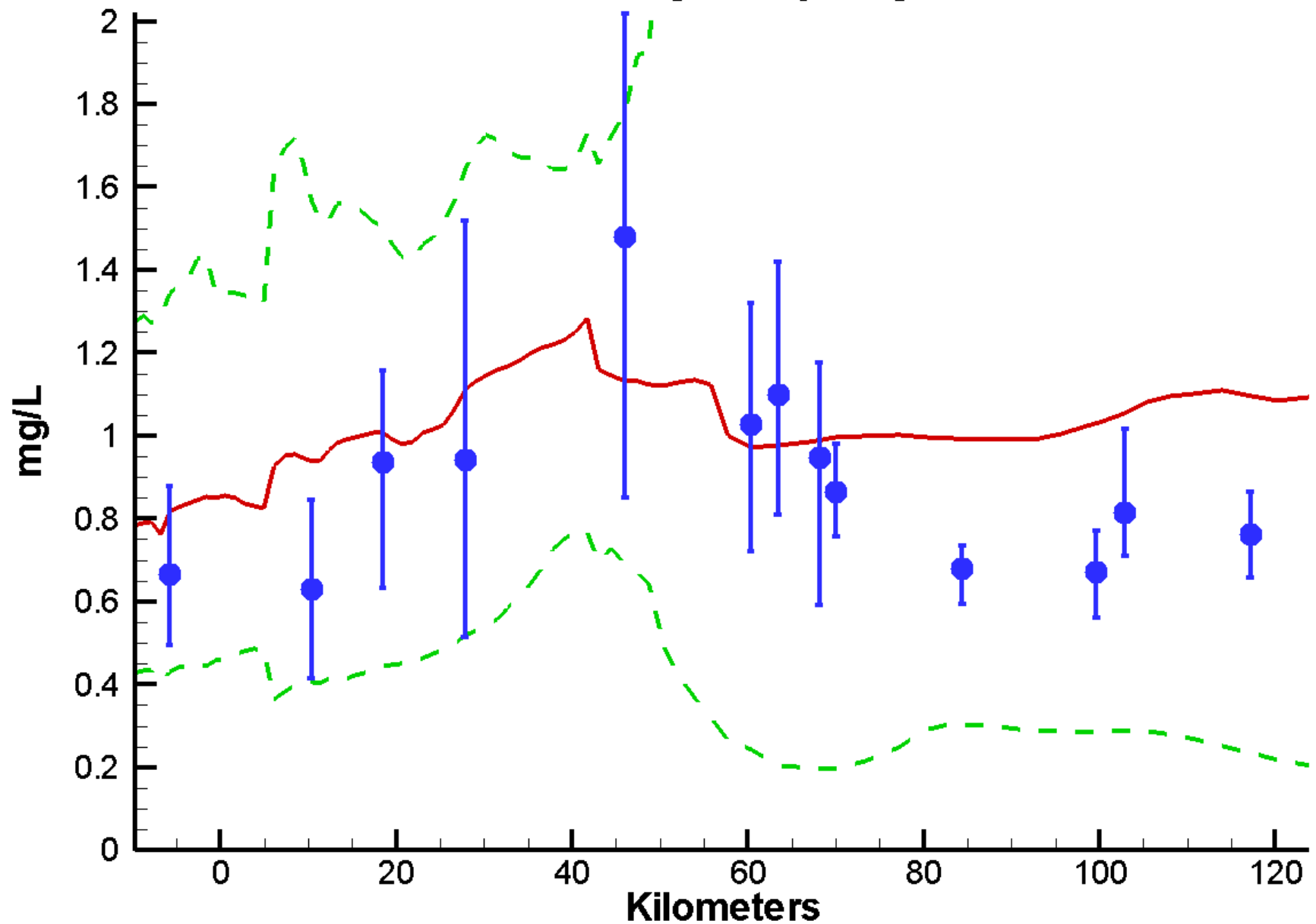
# York River Ches2015 Run118

## Surface Salinity Spring 1994



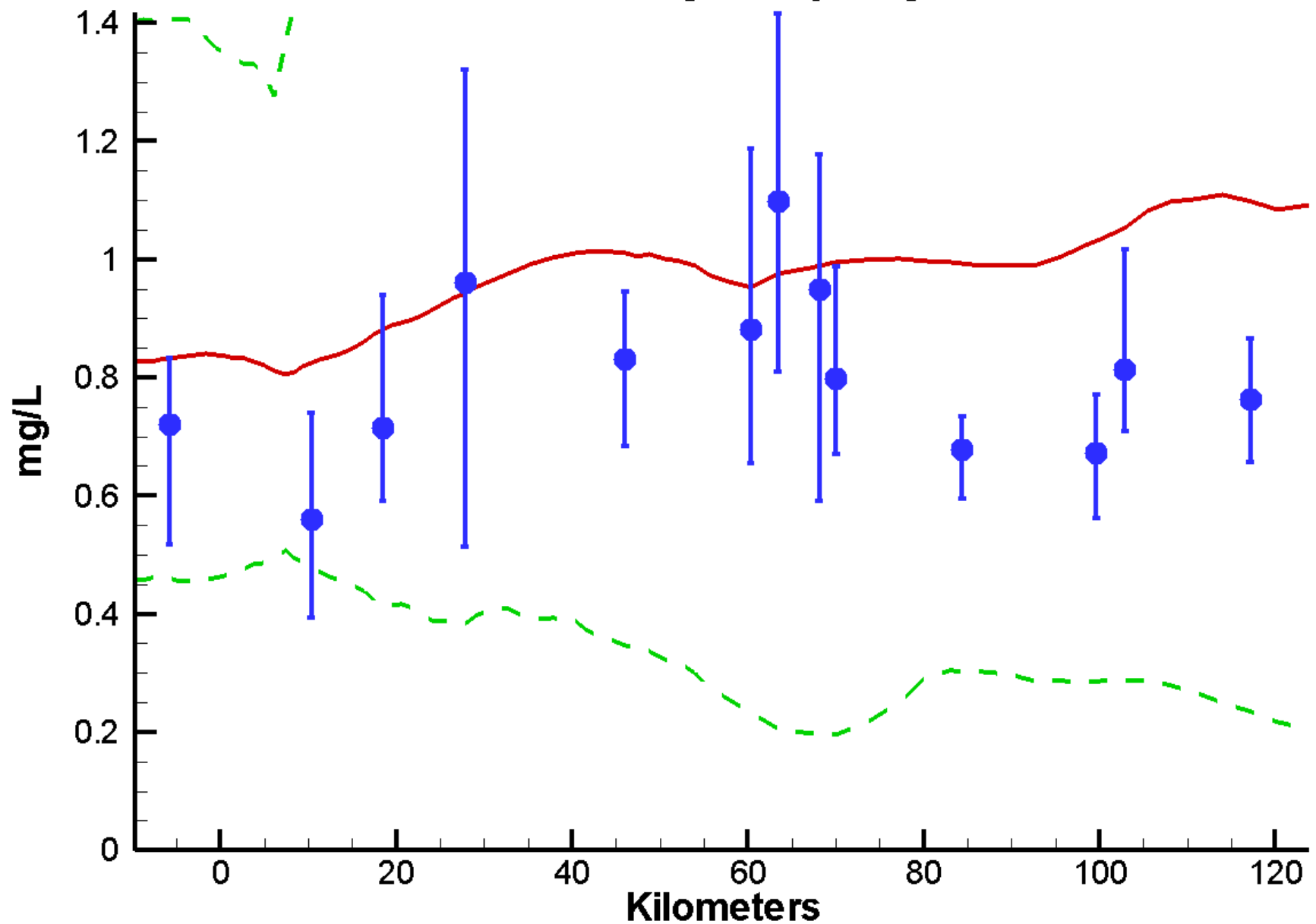
# York River Ches2015 Run118

## Bottom Total Nitrogen Spring 1994



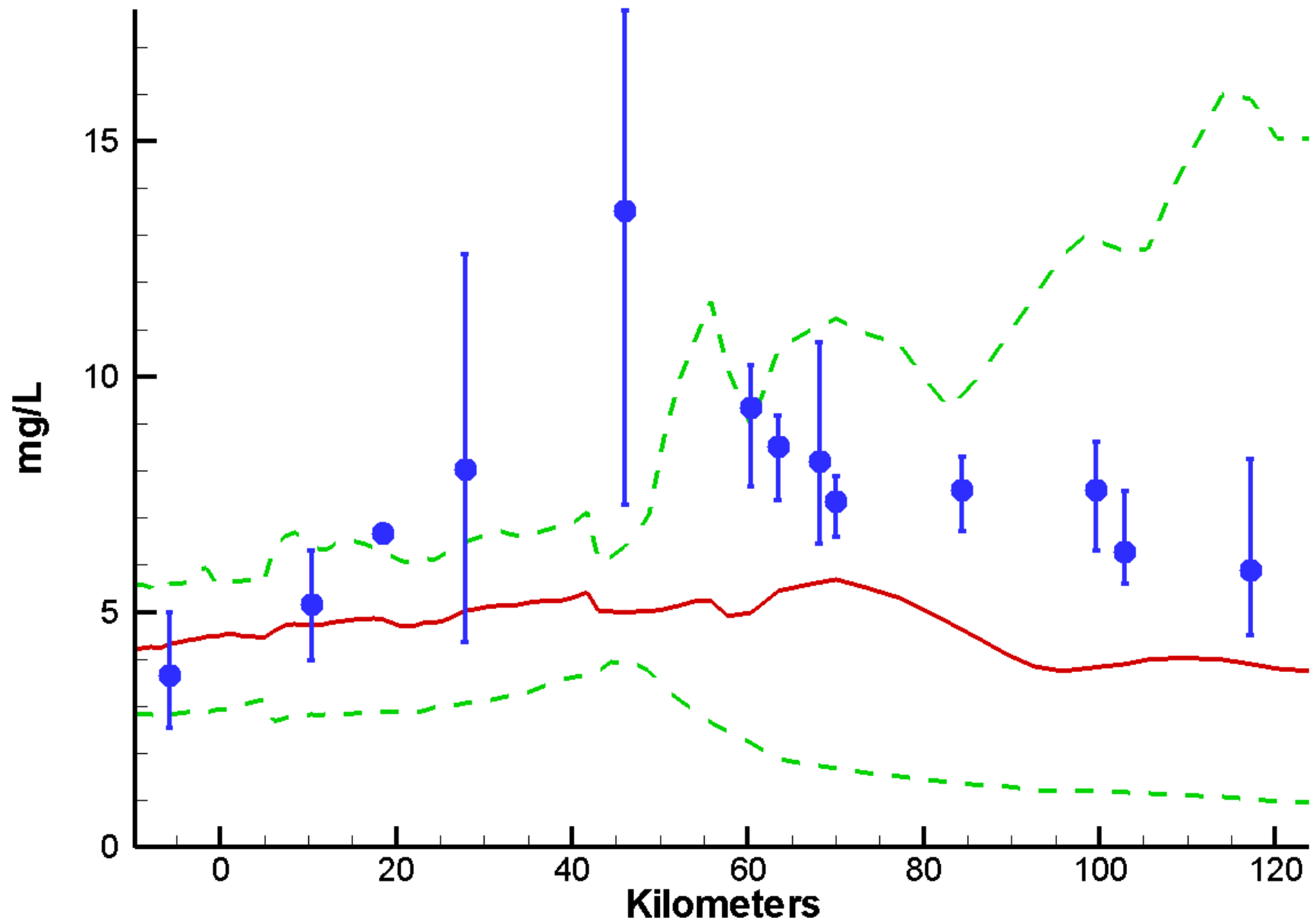
# York River Ches2015 Run118

## Surface Total Nitrogen Spring 1994



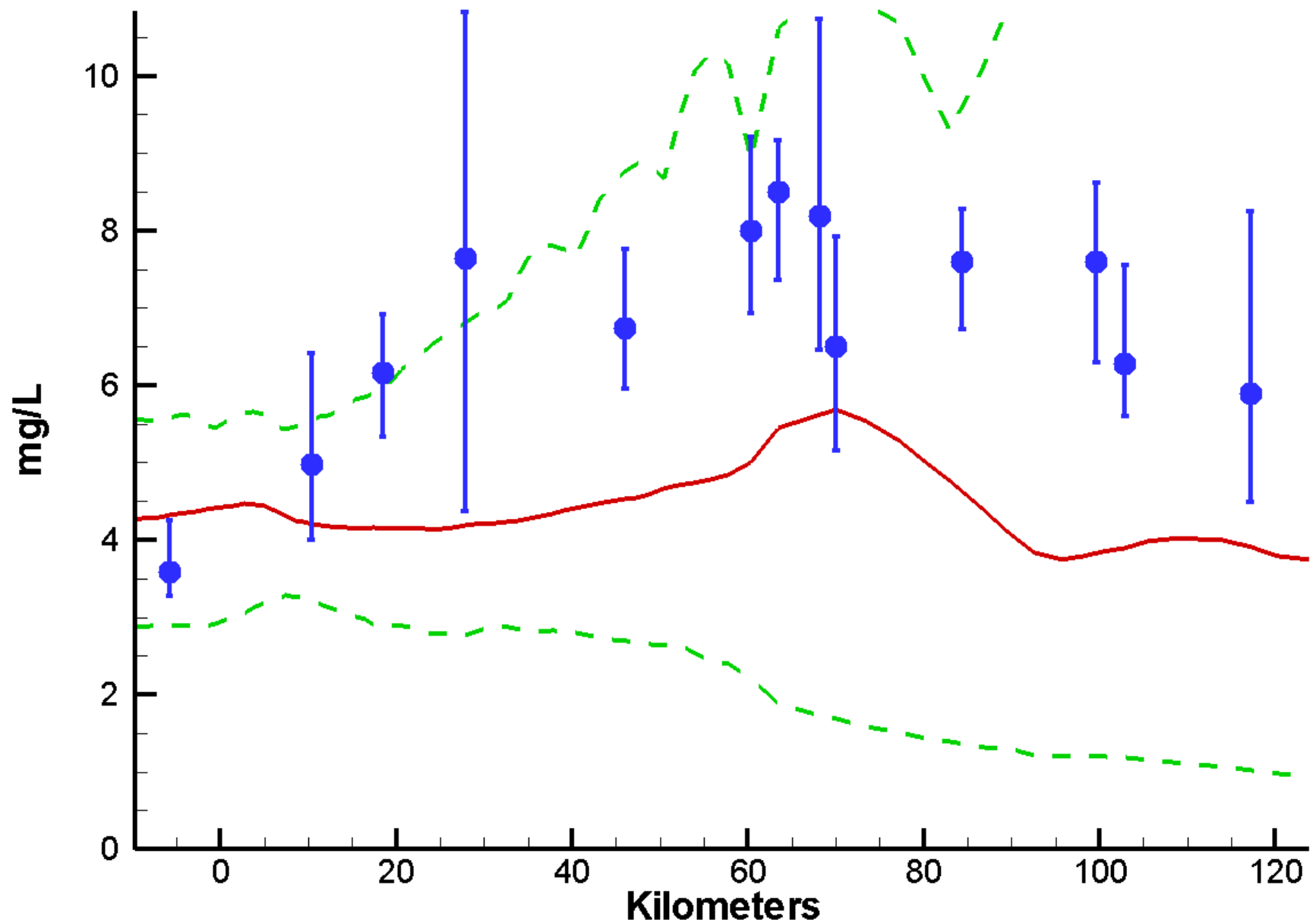
# York River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1994



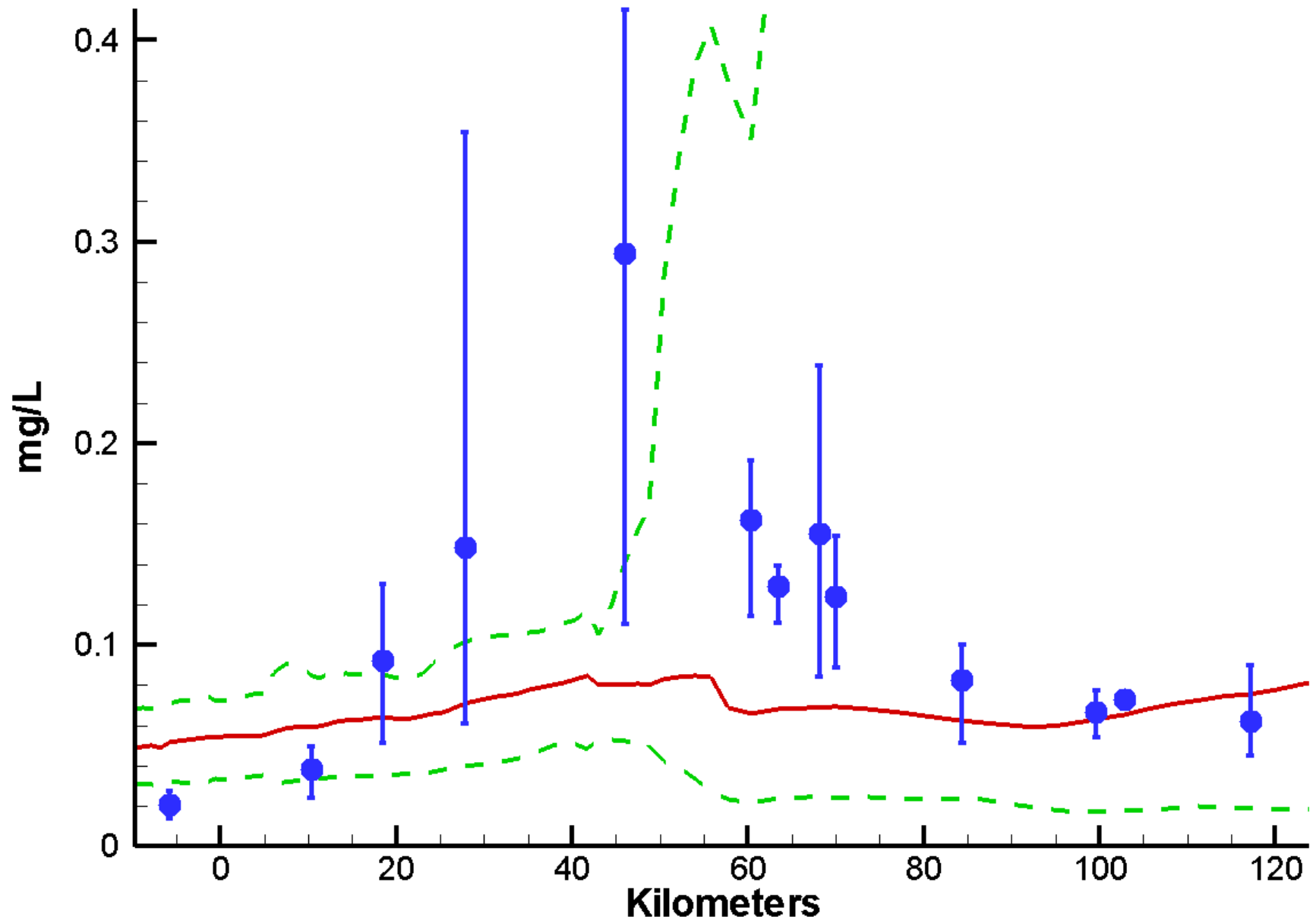
# York River Ches2015 Run118

## Surface Total Organic Carbon Spring 1994



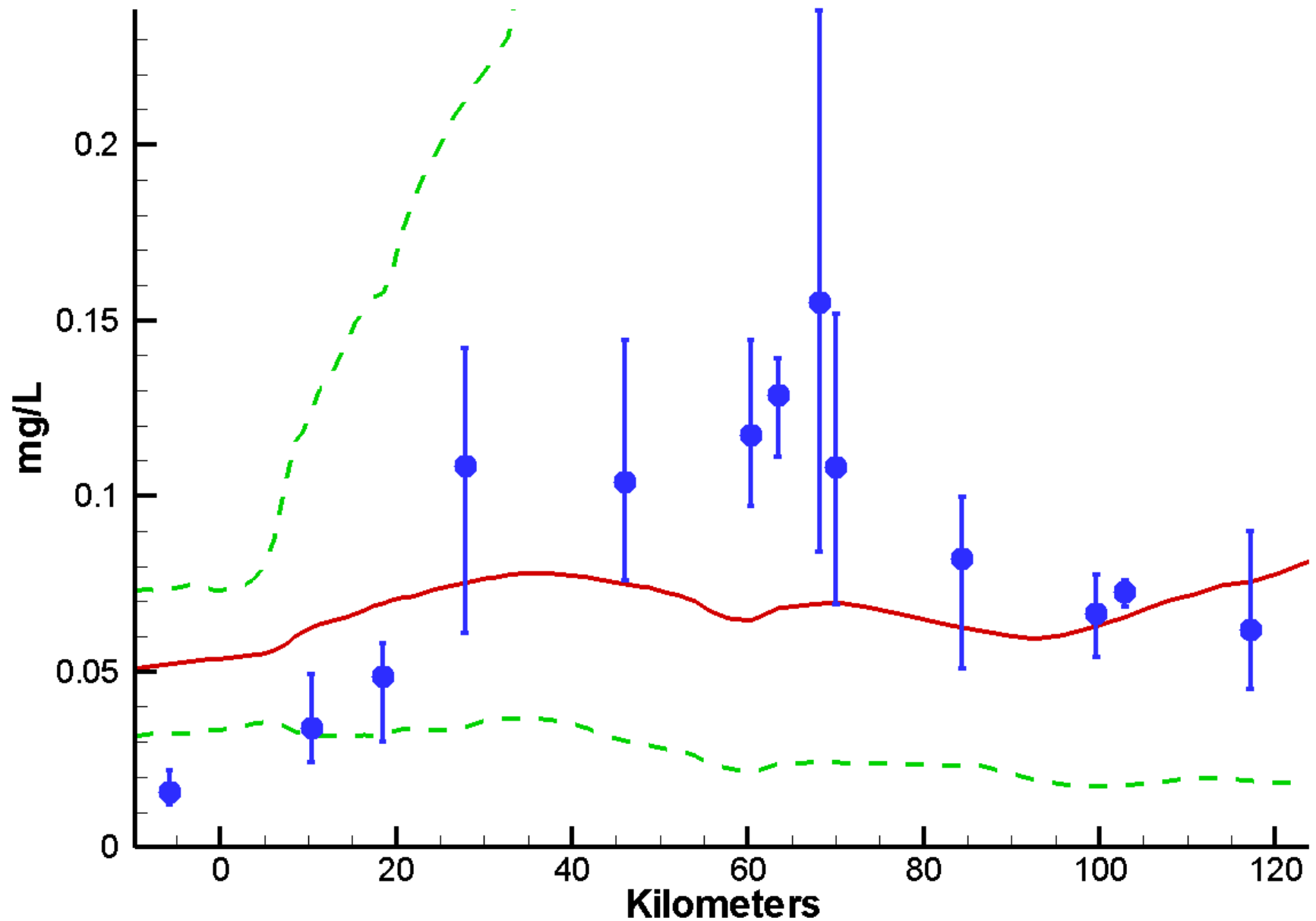
# York River Ches2015 Run118

## Bottom Total Phosphorus Spring 1994



# York River Ches2015 Run118

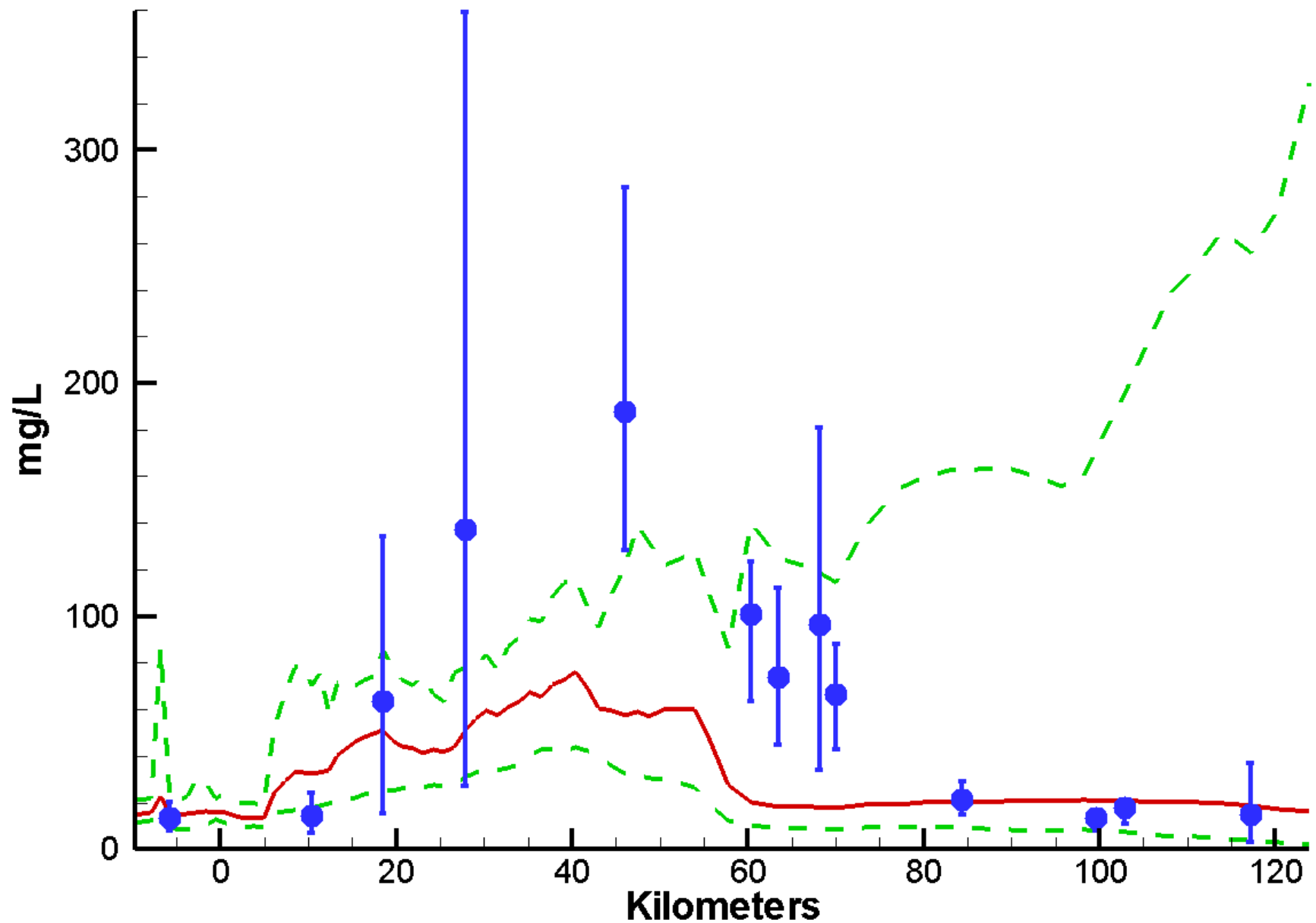
## Surface Total Phosphorus Spring 1994





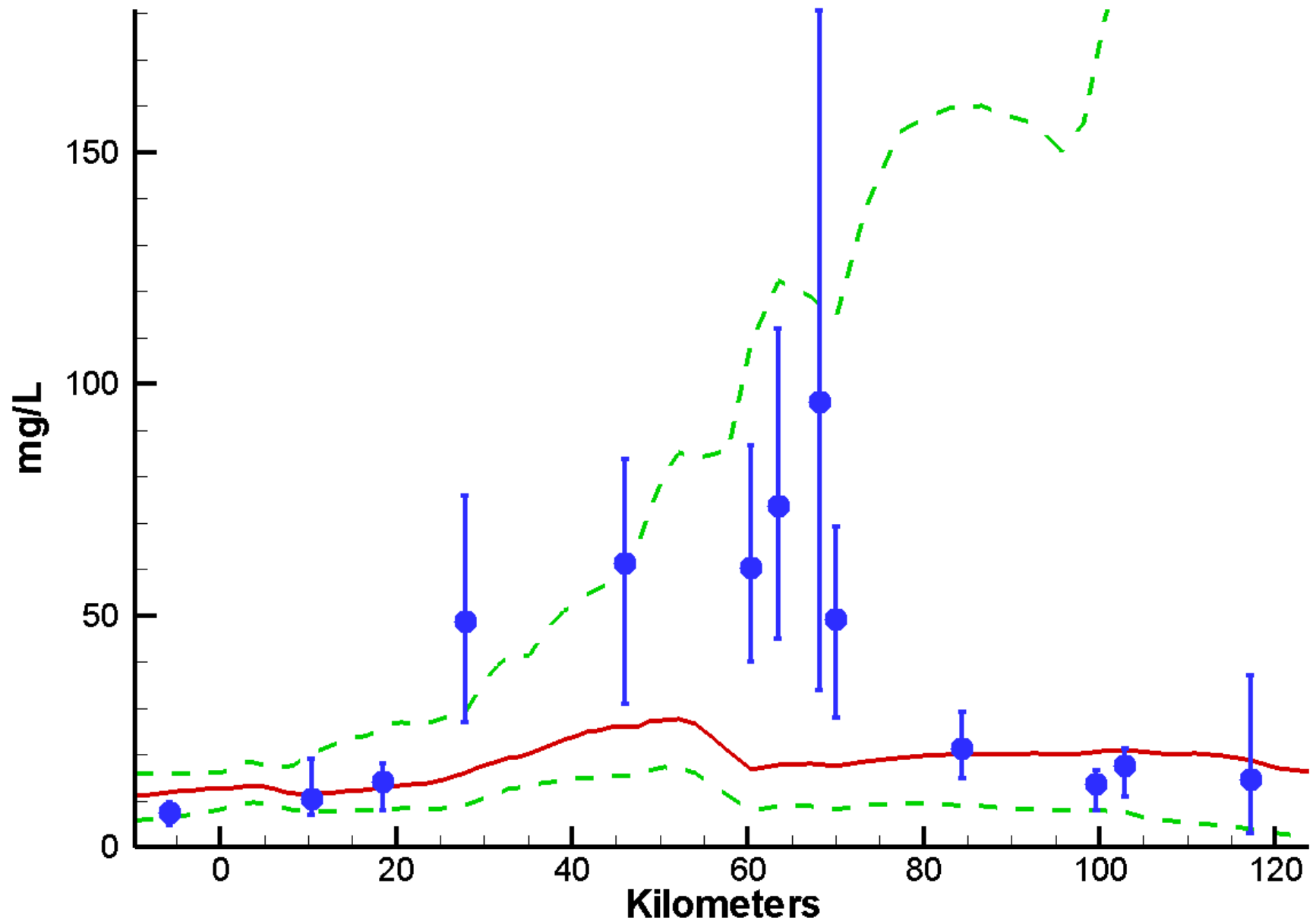
# York River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1994



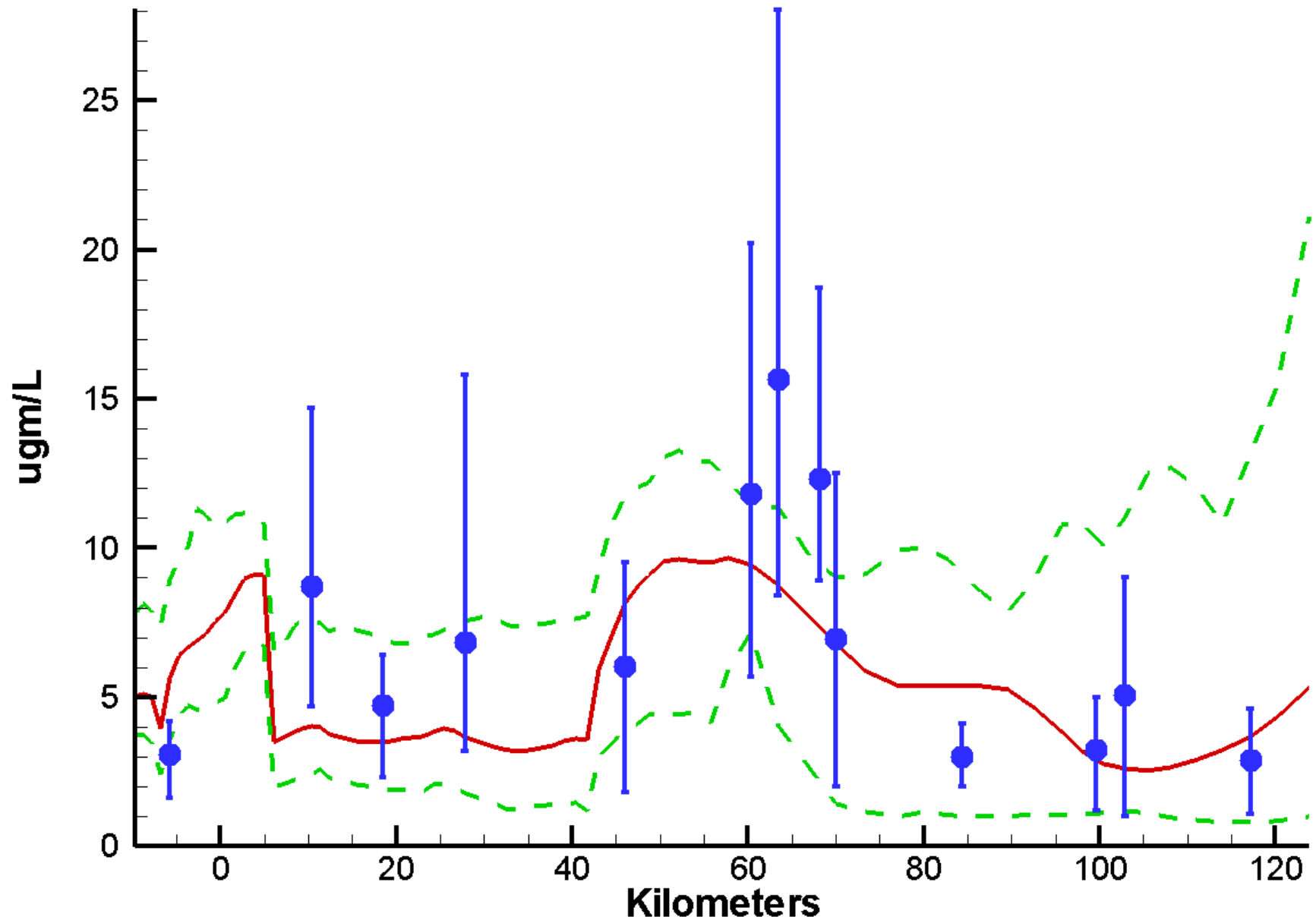
# York River Ches2015 Run118

## Surface Total Suspended Solids Spring 1994



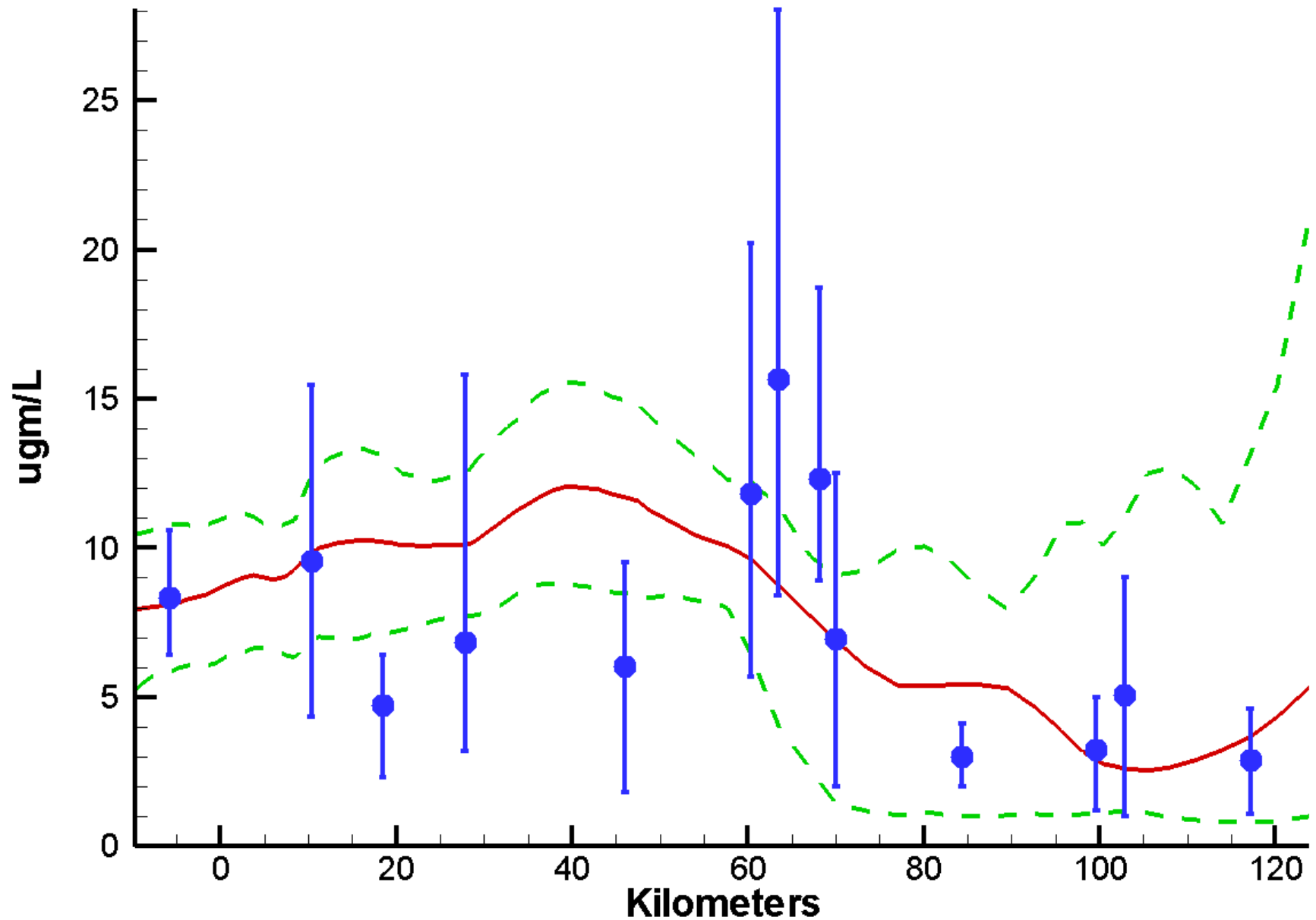
# York River Ches2015 Run118

## Bottom Chlorophyll Summer 1994



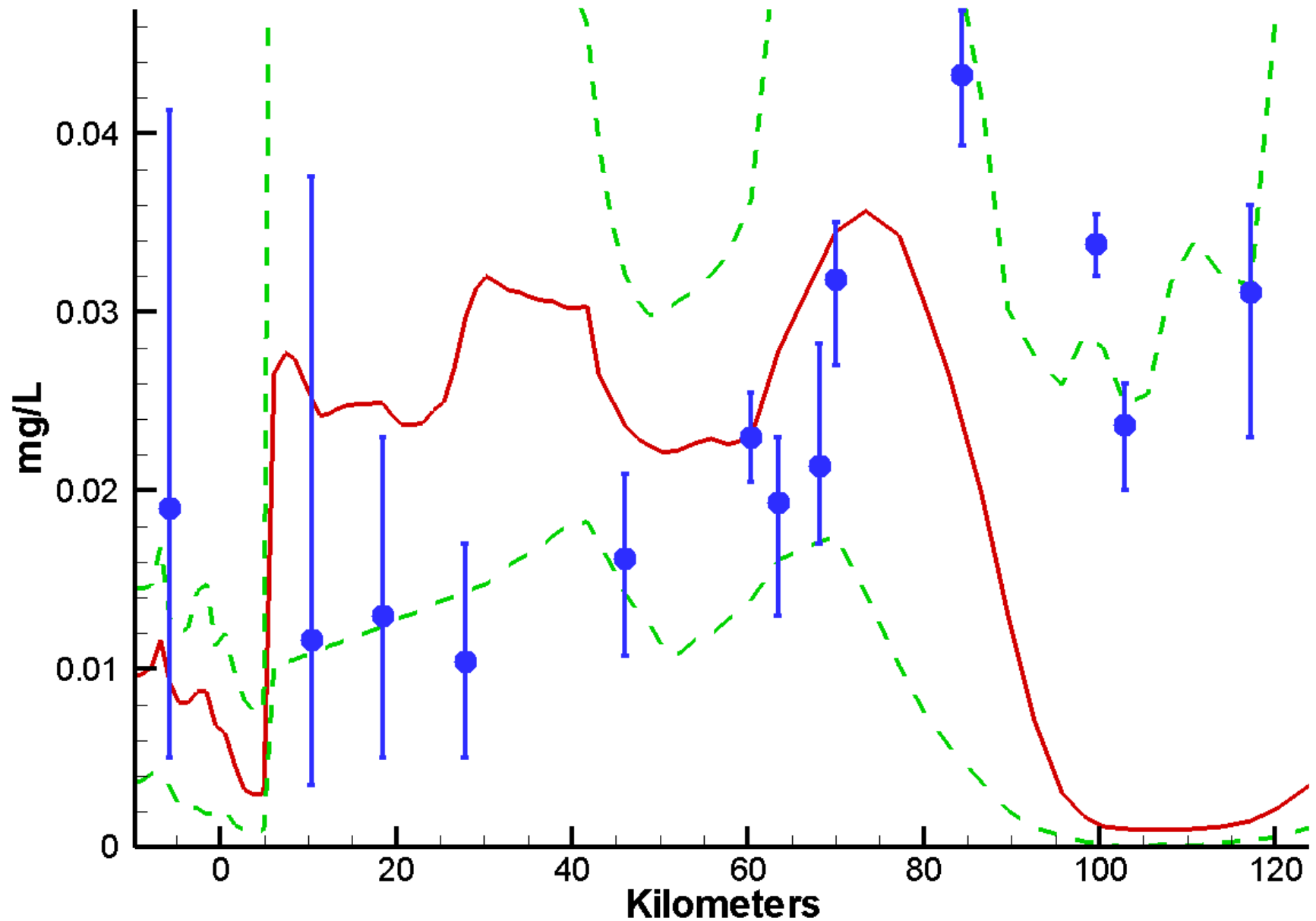
# York River Ches2015 Run118

## Surface Chlorophyll Summer 1994



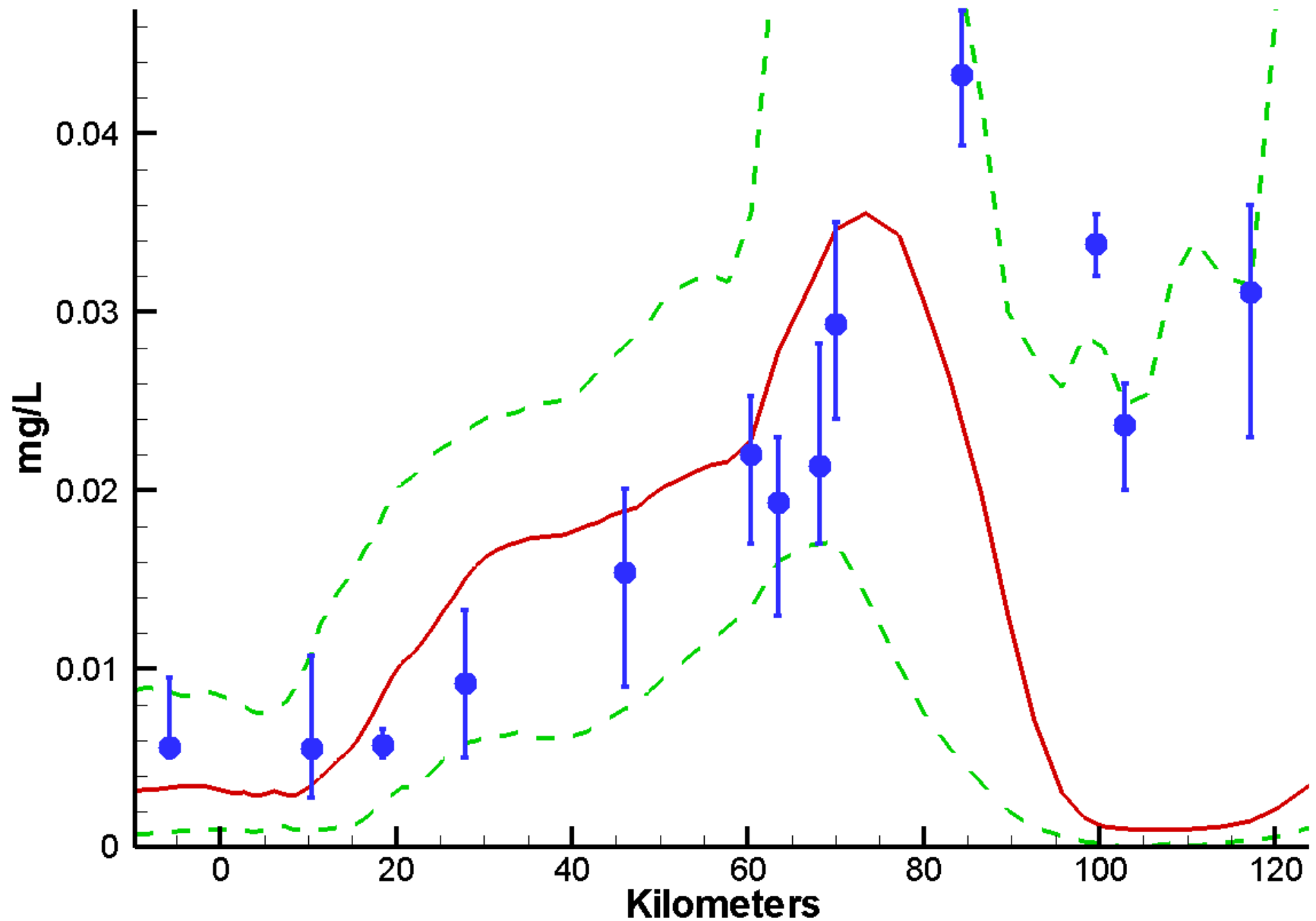
# York River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1994



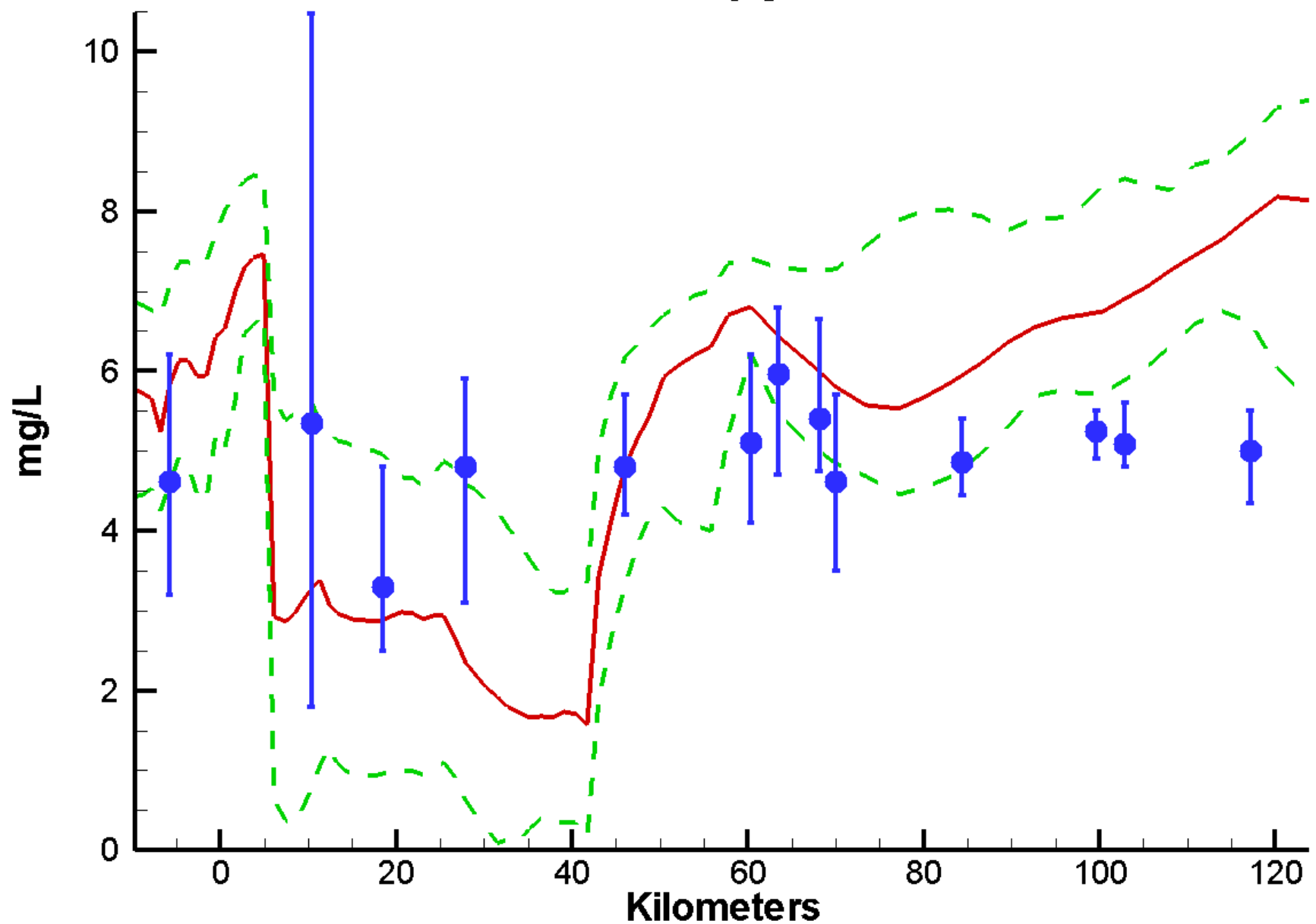
# York River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1994



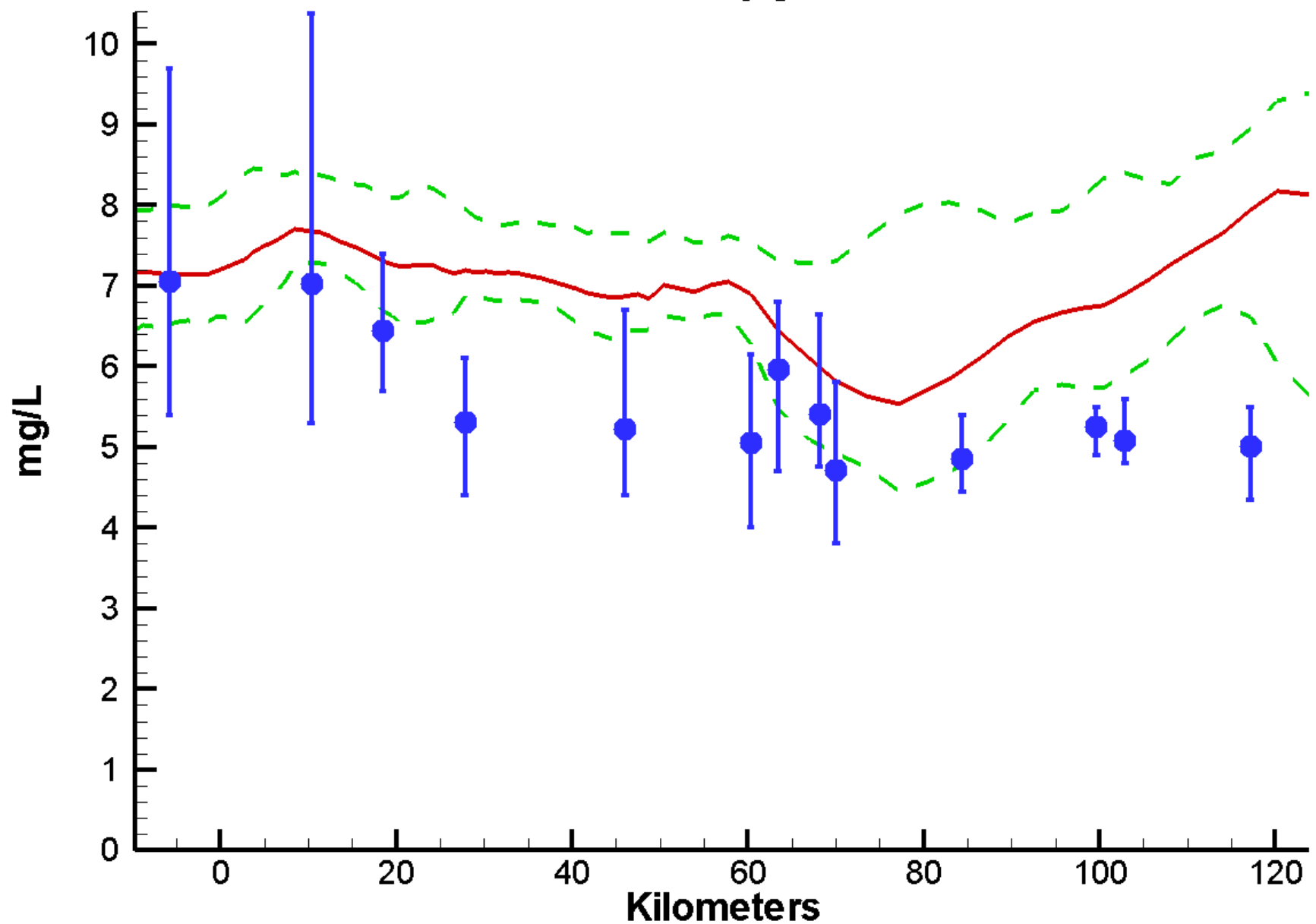
# York River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1994



# York River Ches2015 Run118

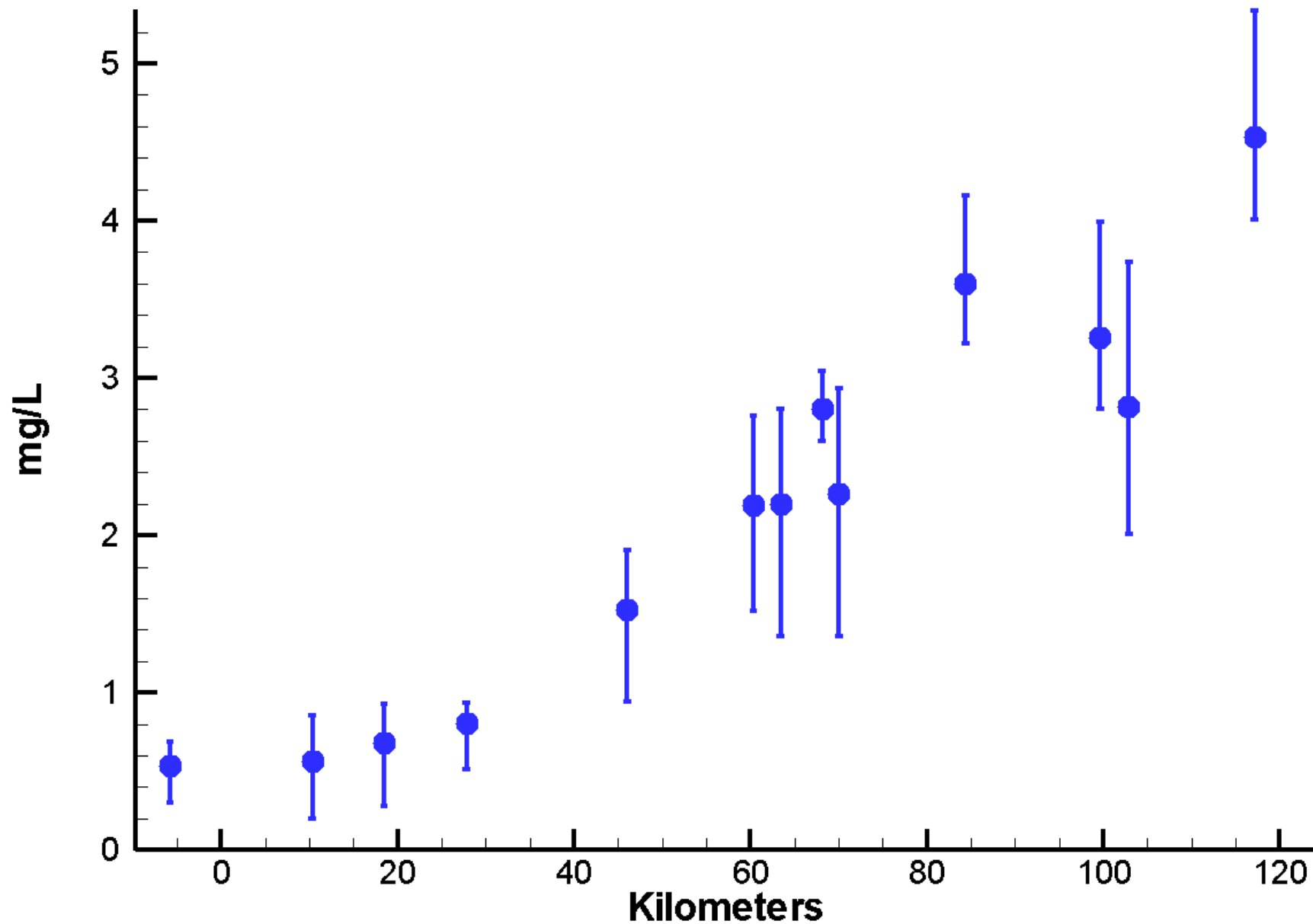
## Surface Dissolved Oxygen Summer 1994





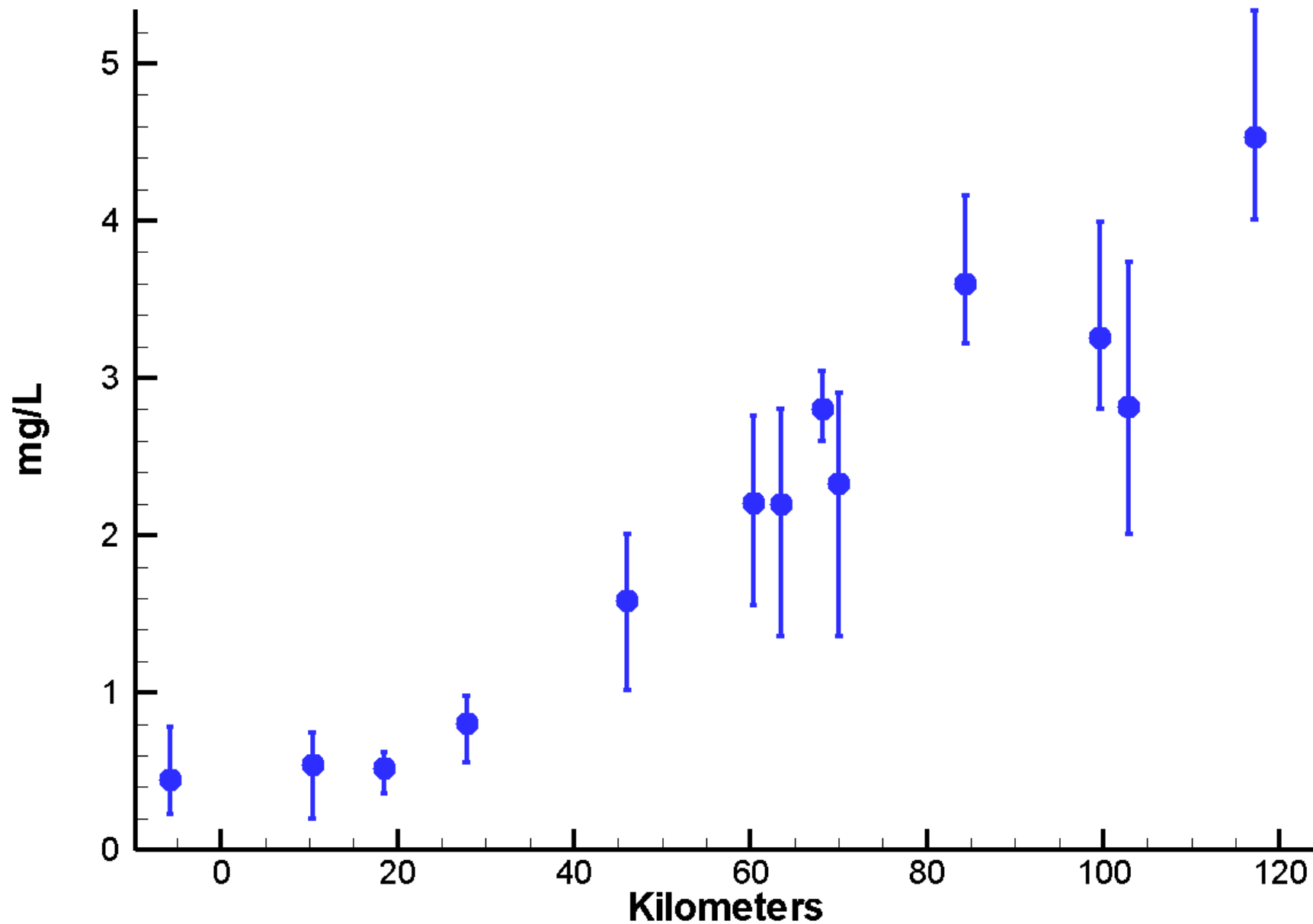
# York River Ches2015 Run118

## Bottom Dissolved Silica Summer 1994



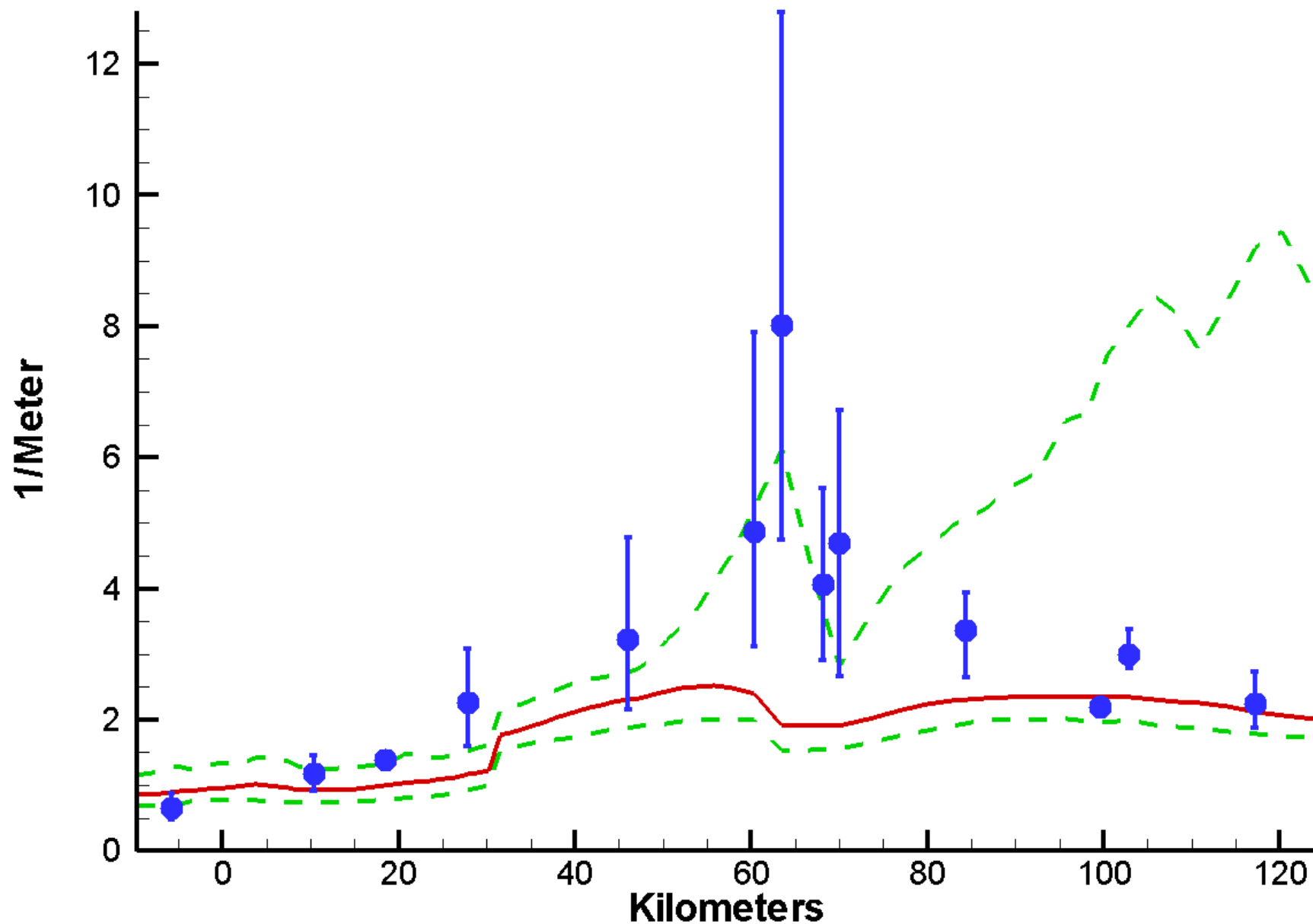
# York River Ches2015 Run118

## Surface Dissolved Silica Summer 1994



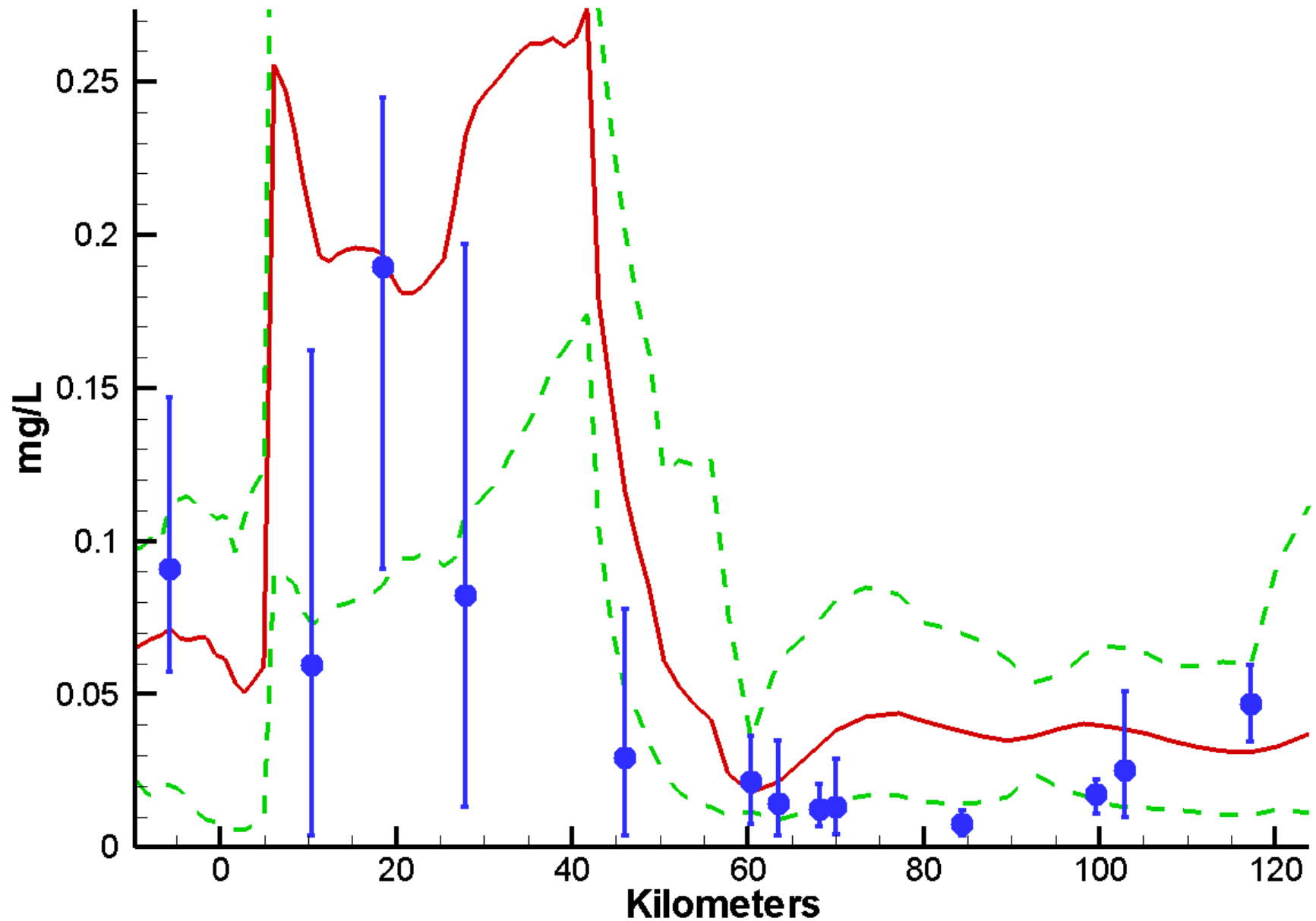
# York River Ches2015 Run118

## Surface Light Extinction Summer 1994



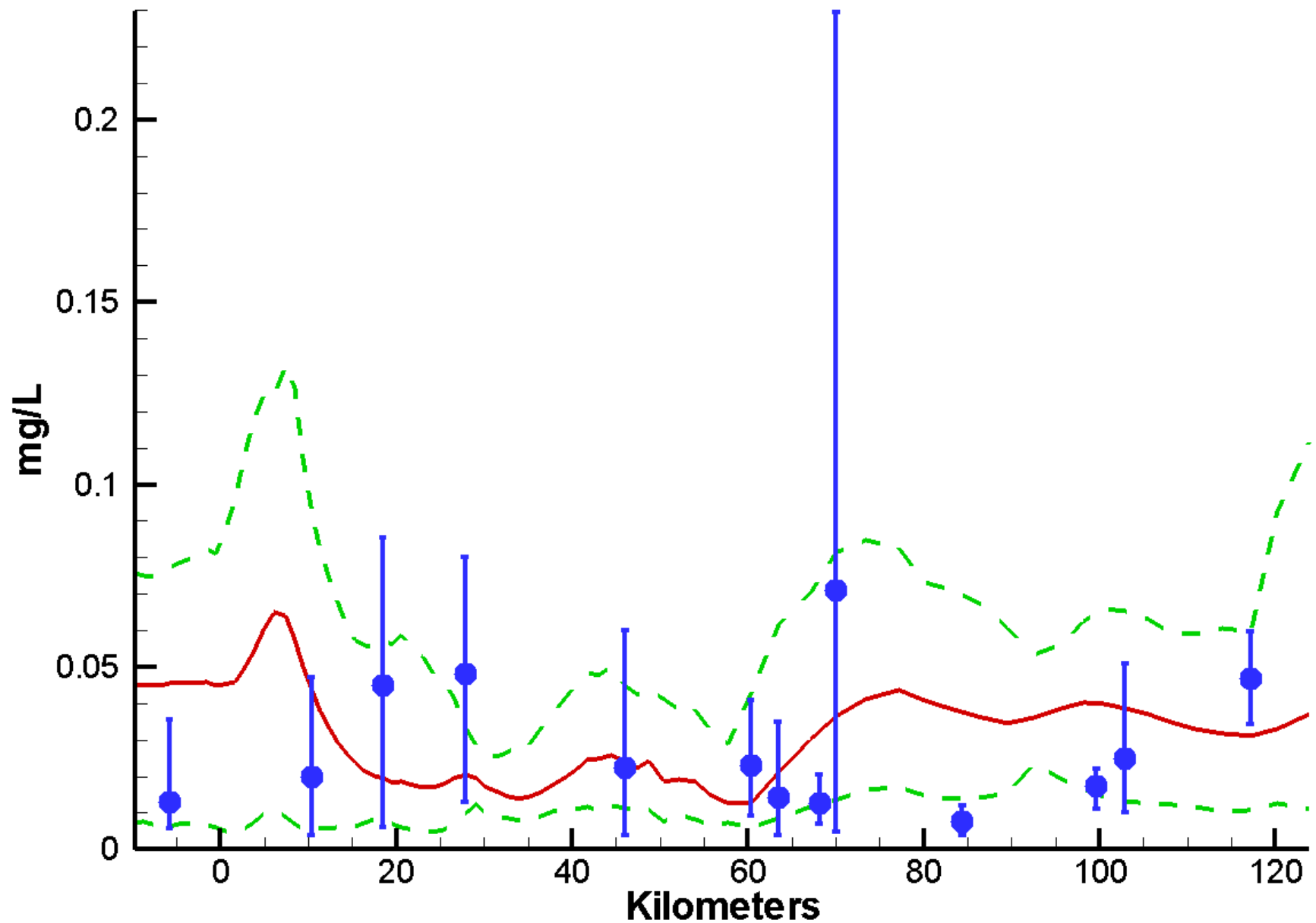
# York River Ches2015 Run118

## Bottom Ammonium Summer 1994



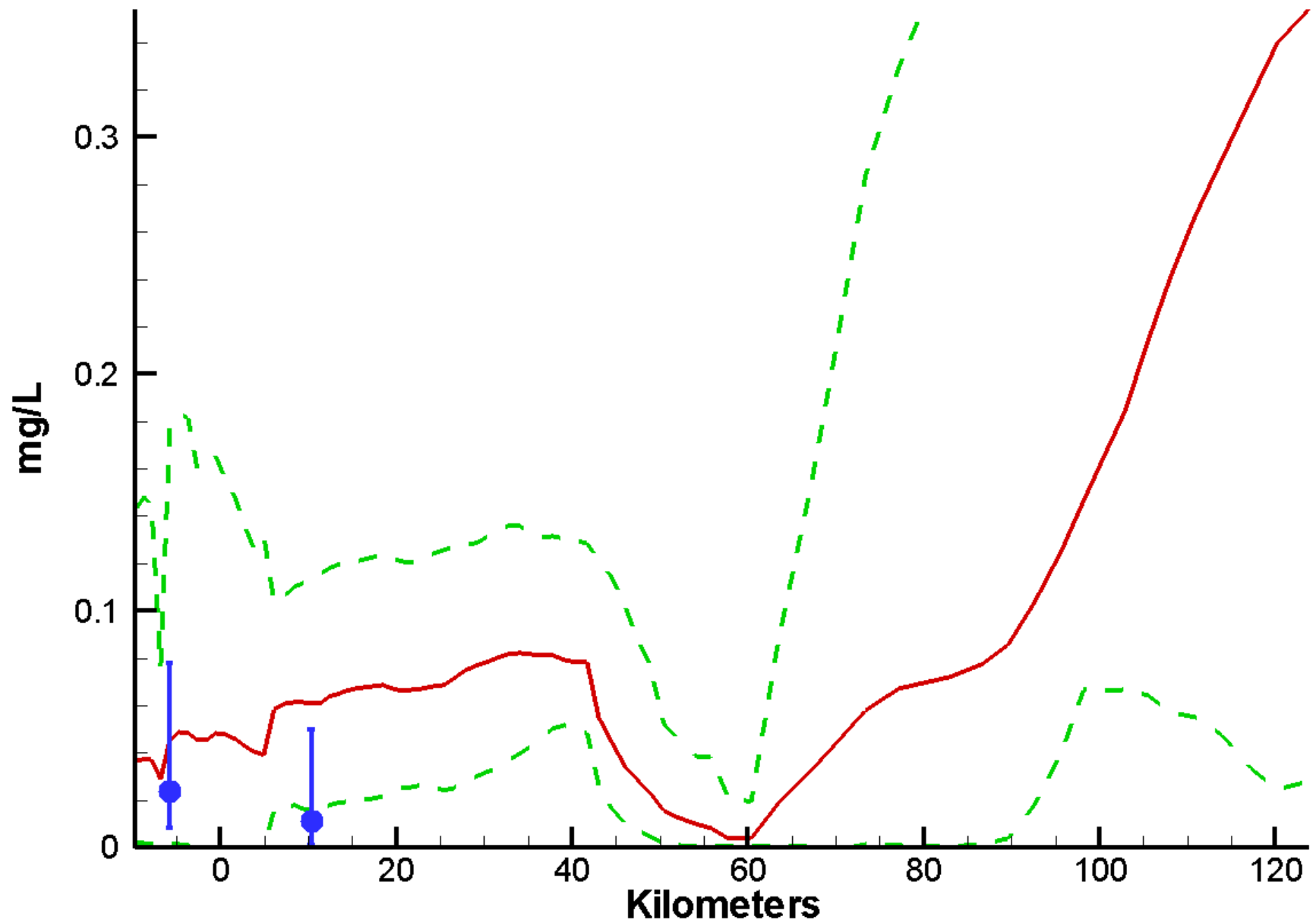
# York River Ches2015 Run118

## Surface Ammonium Summer 1994



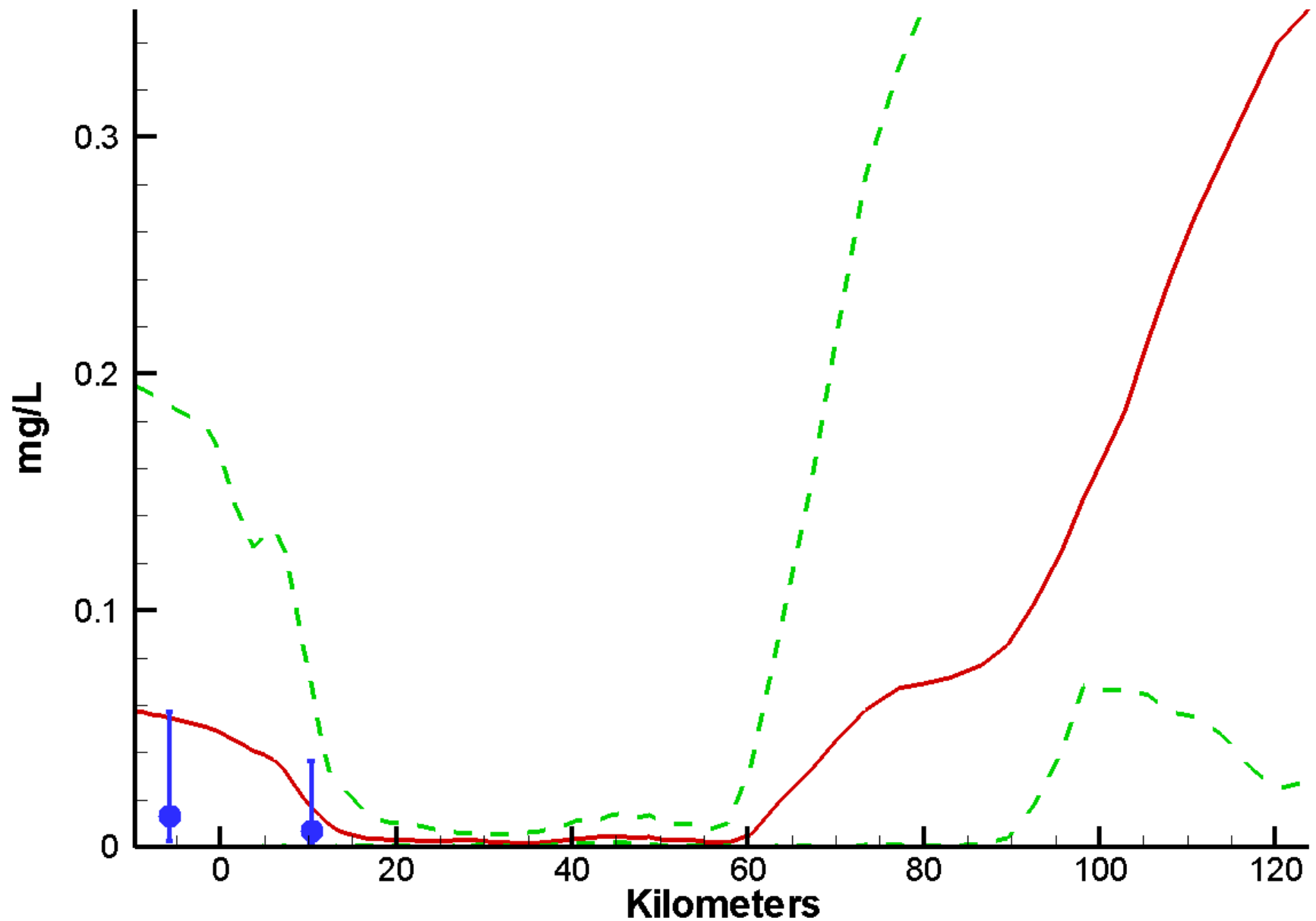
# York River Ches2015 Run118

## Bottom Nitrate Summer 1994



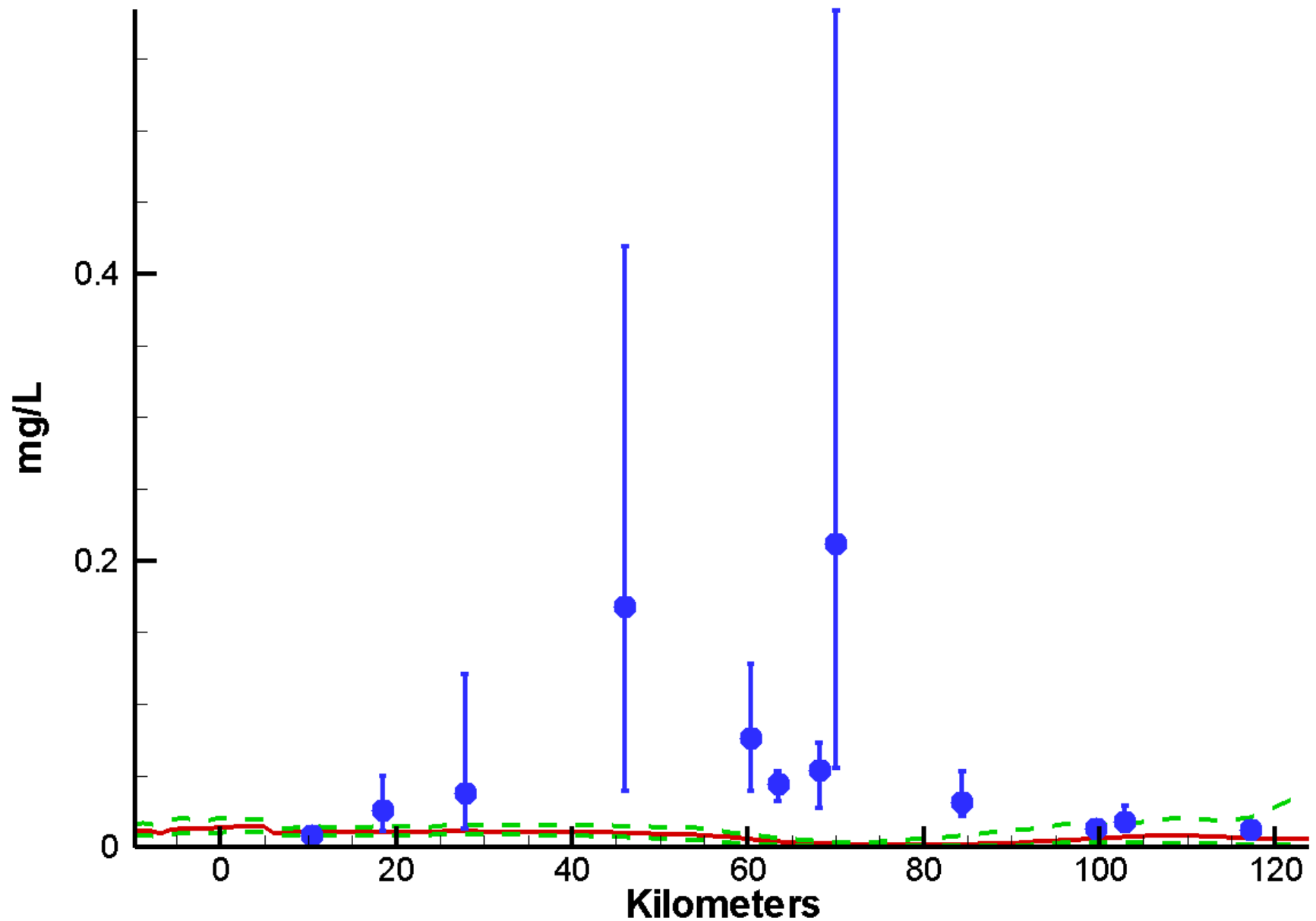
# York River Ches2015 Run118

## Surface Nitrate Summer 1994



# York River Ches2015 Run118

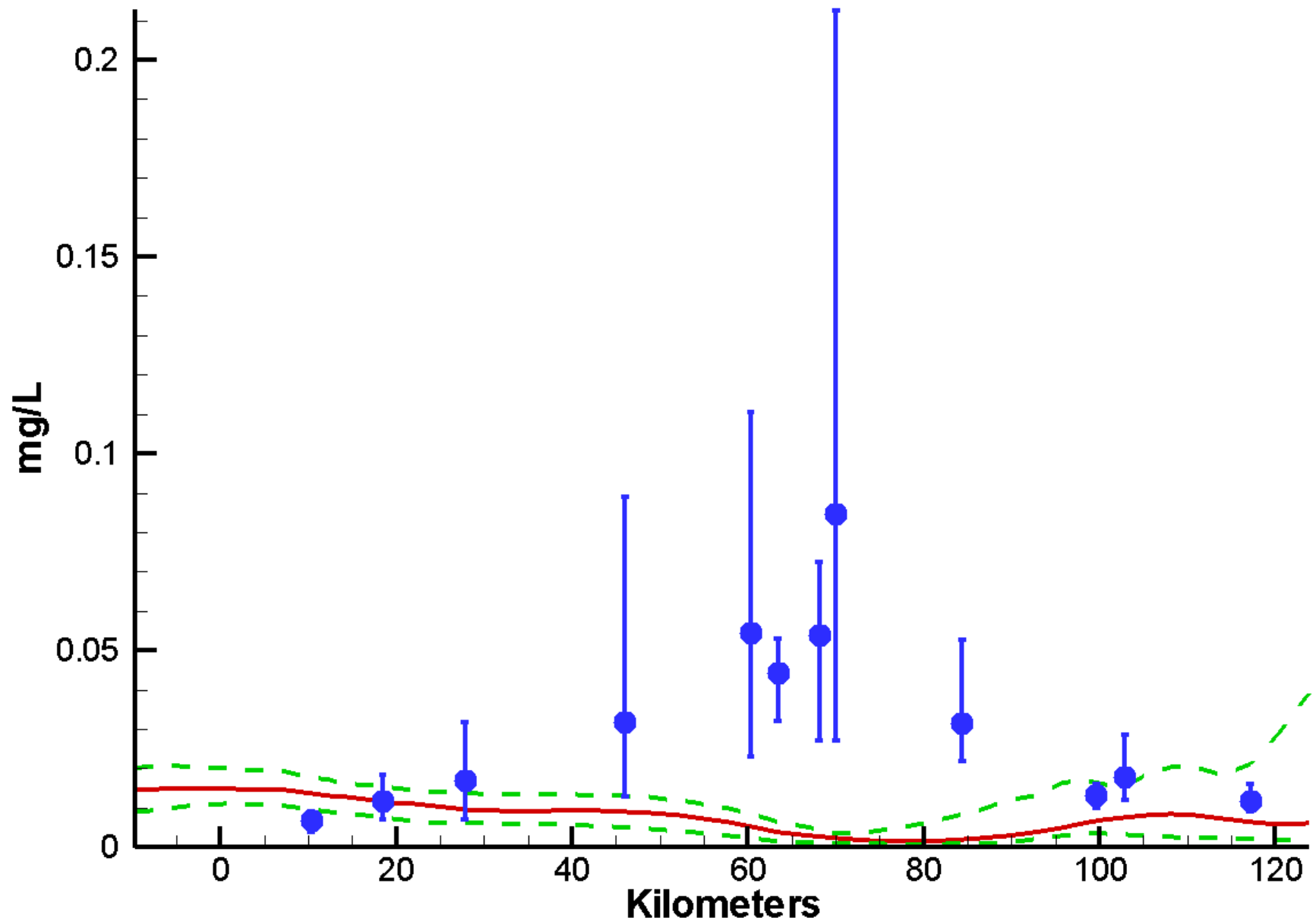
## Bottom Particulate Inorganic Phosphorus Summer 1999





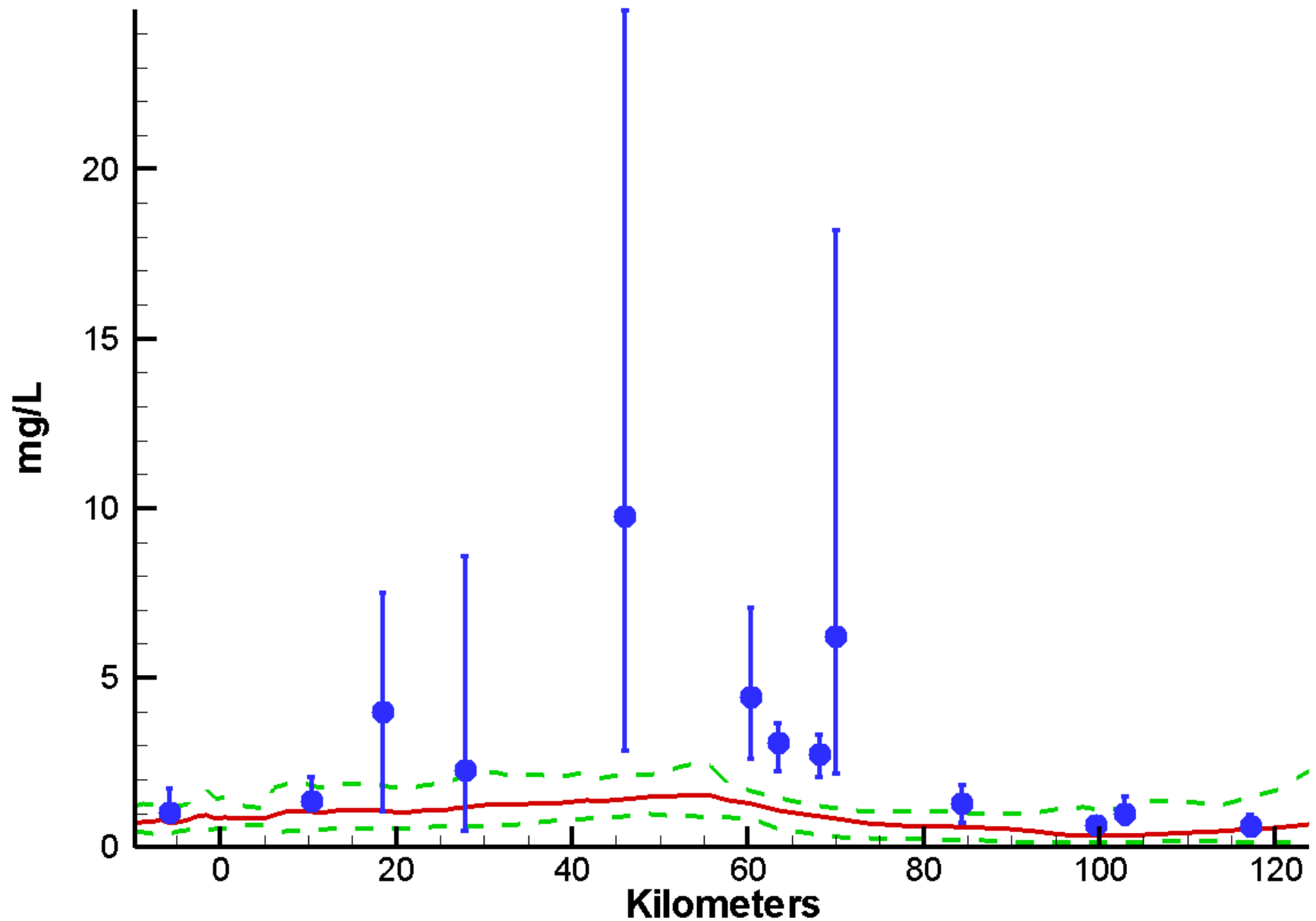
# York River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



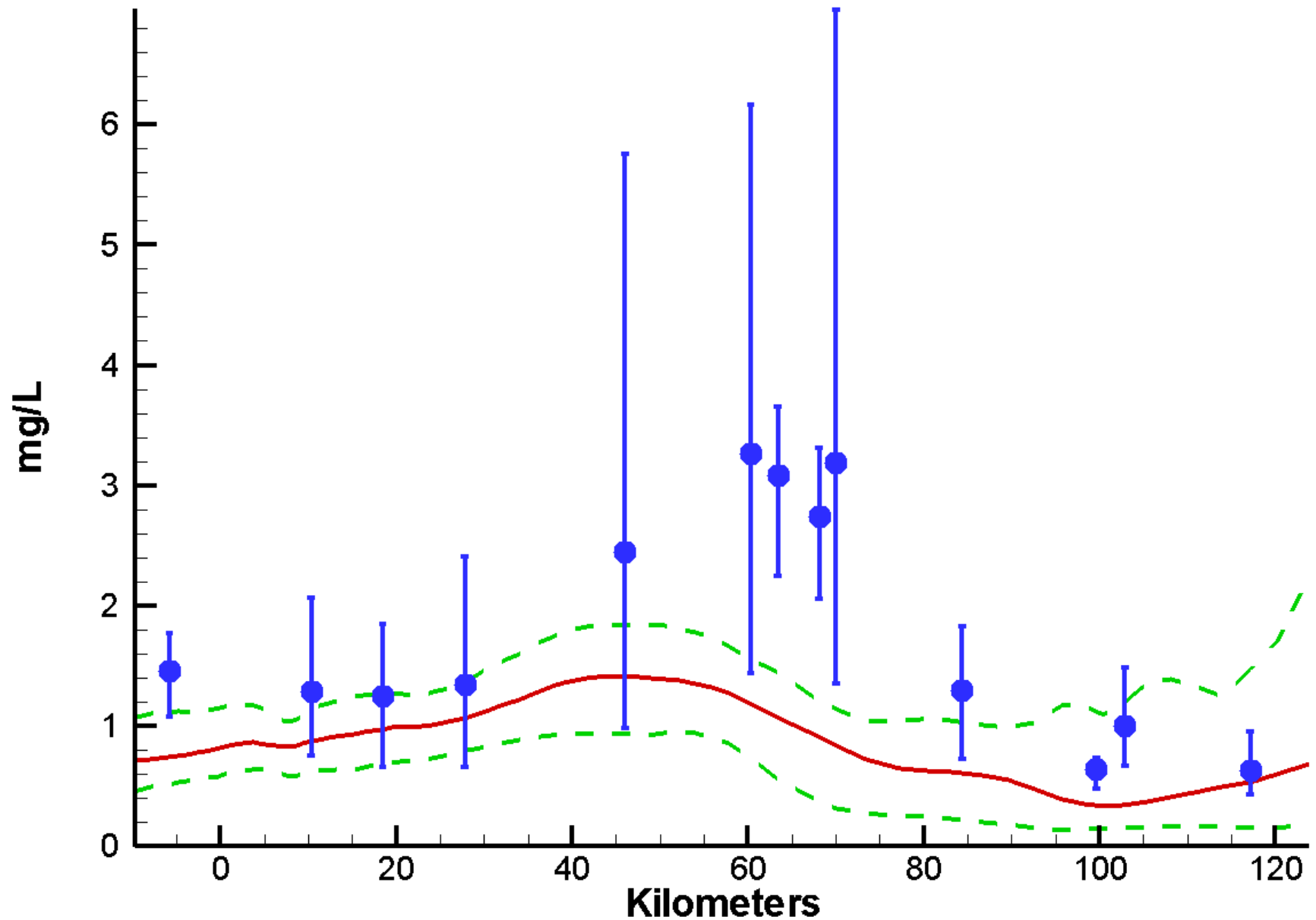
# York River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1994



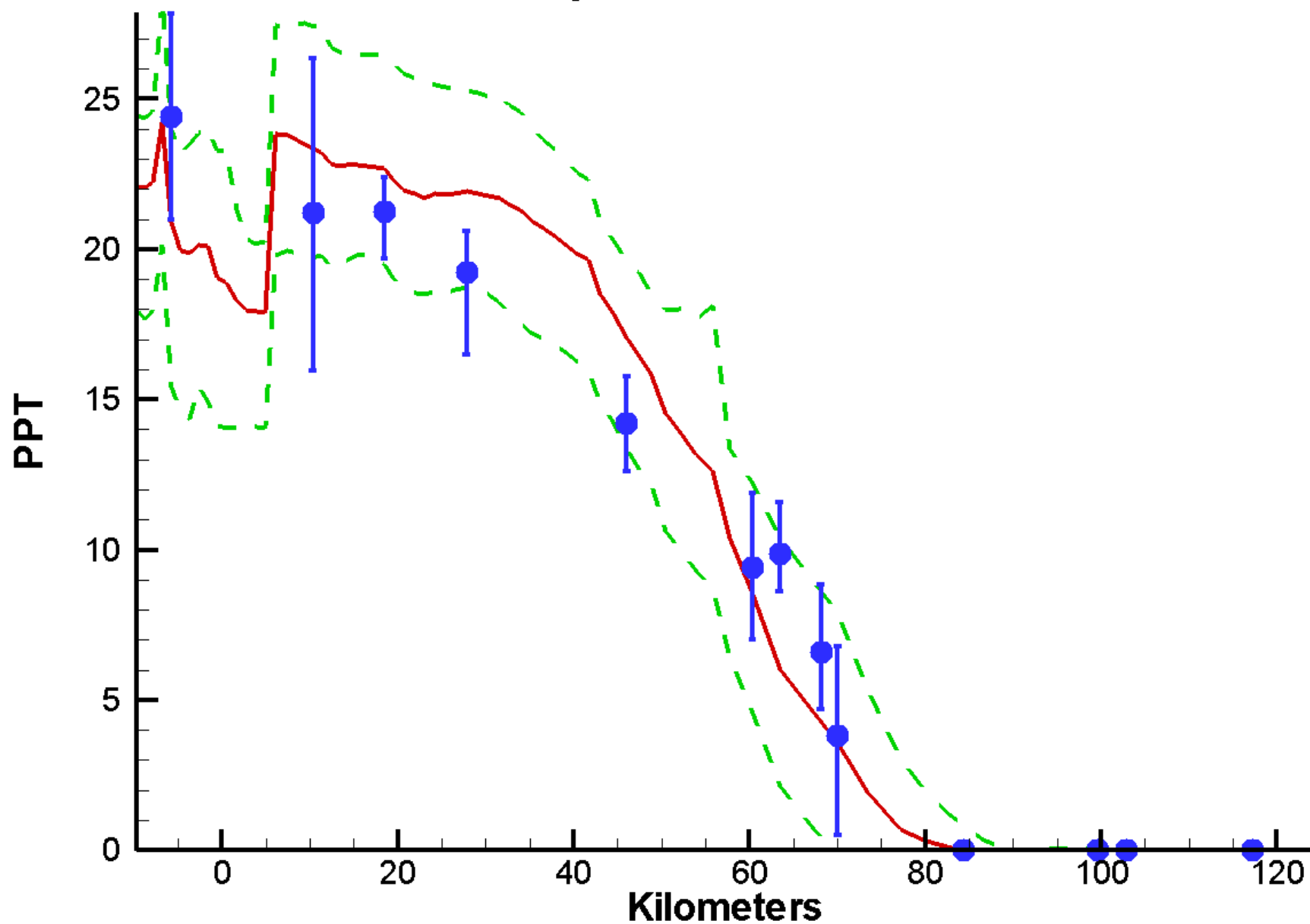
# York River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1994

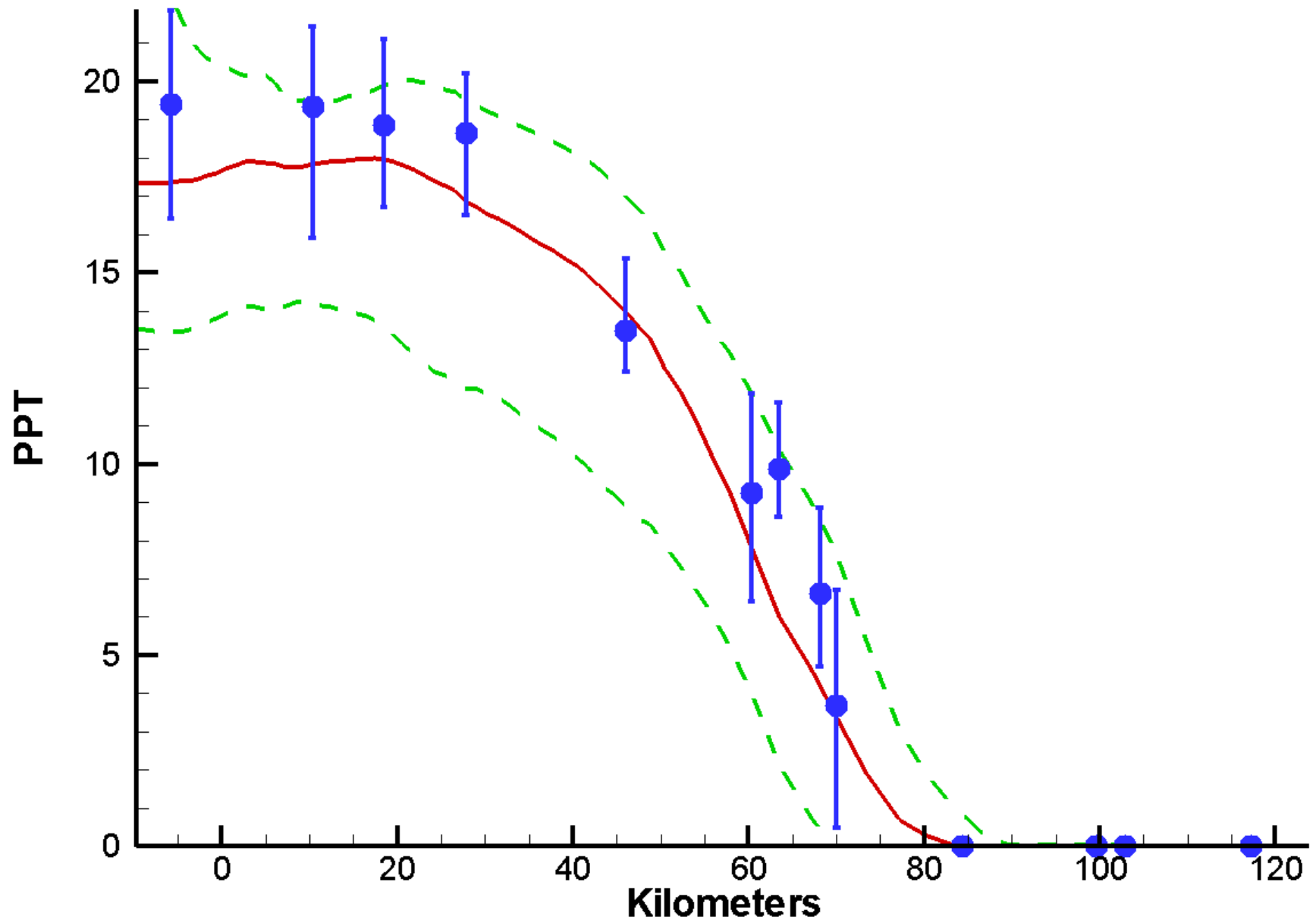


# York River Ches2015 Run118

## Bottom Salinity Summer 1994

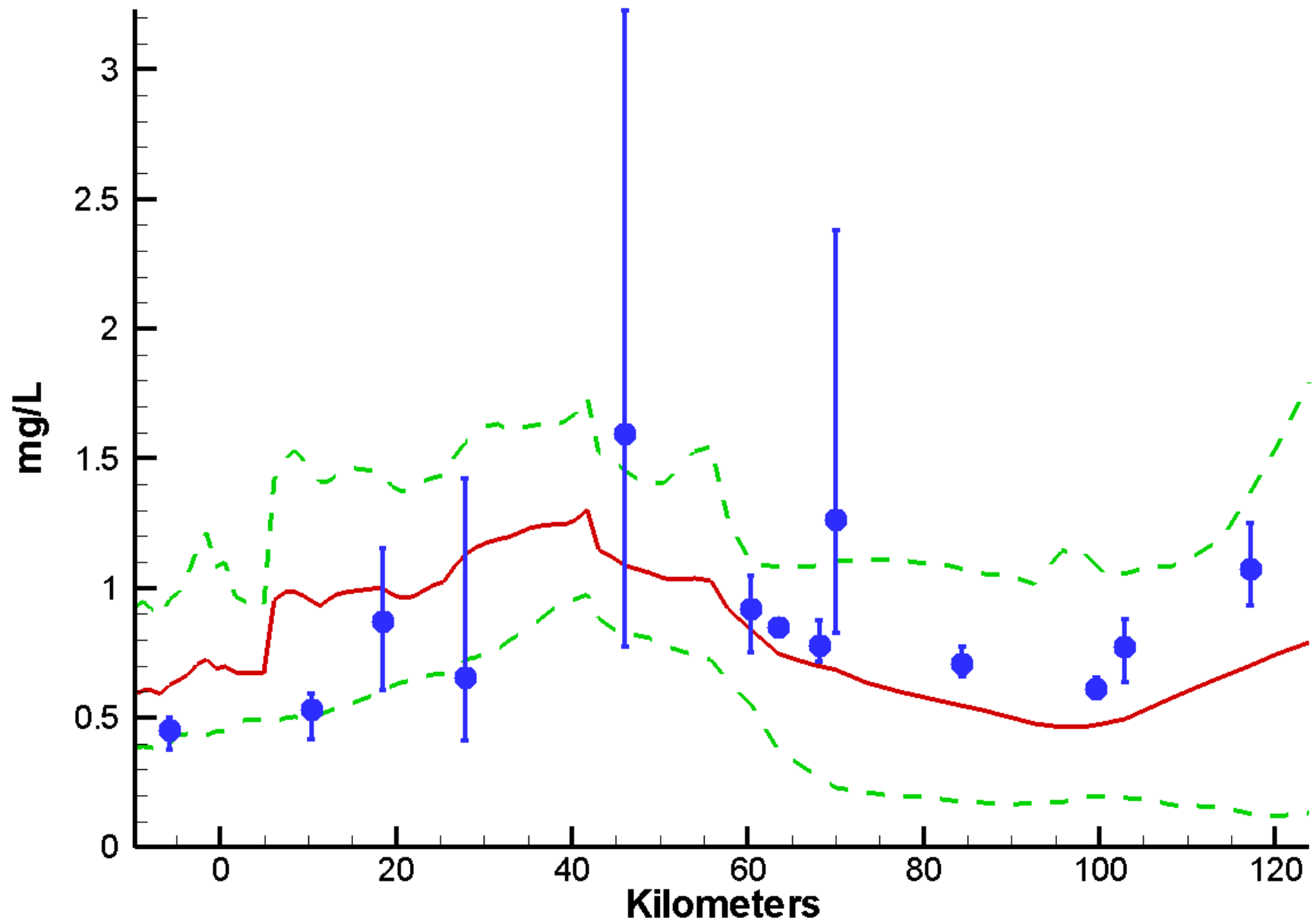


# York River Ches2015 Run118 Surface Salinity Summer 1994



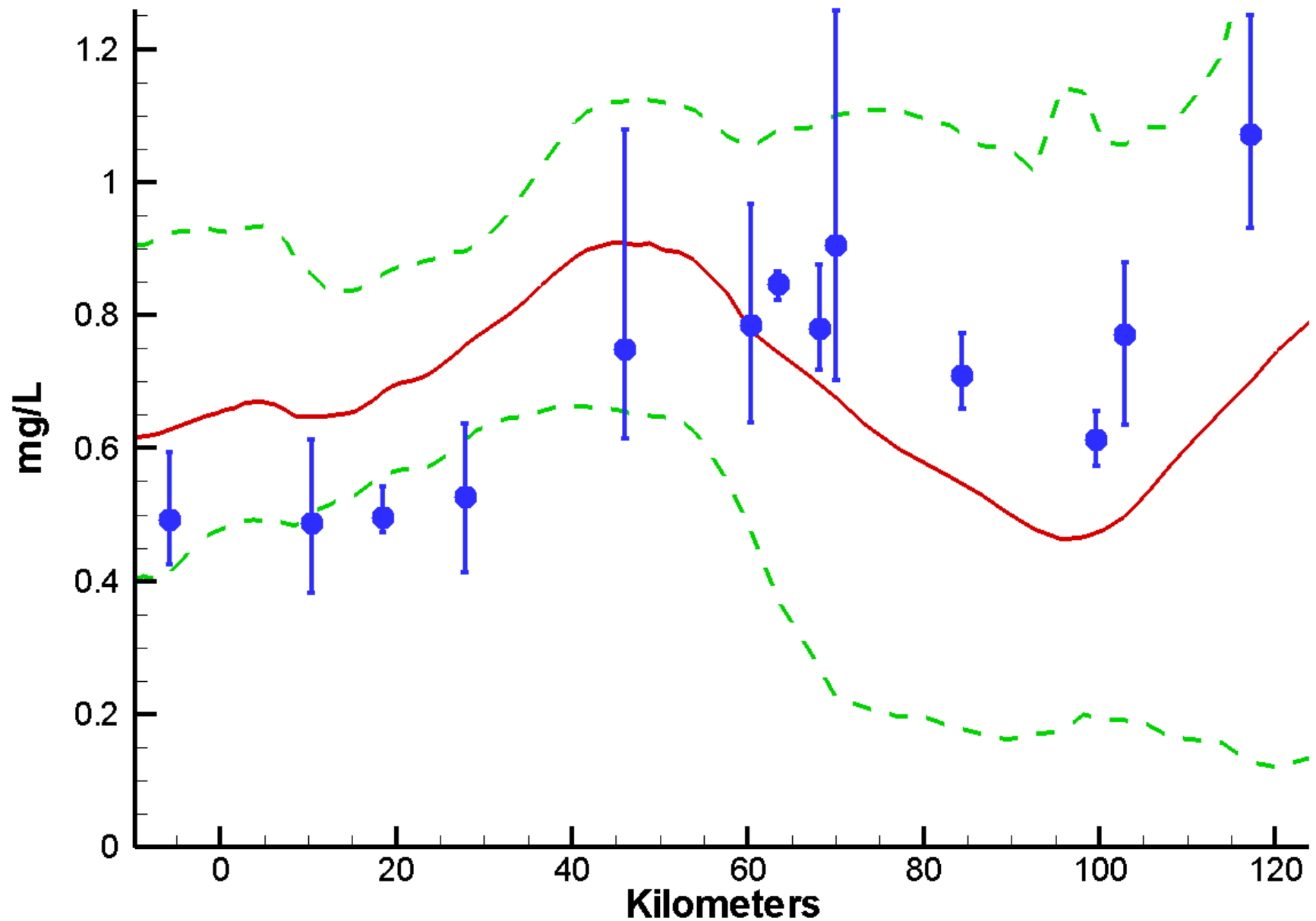
# York River Ches2015 Run118

## Bottom Total Nitrogen Summer 1994



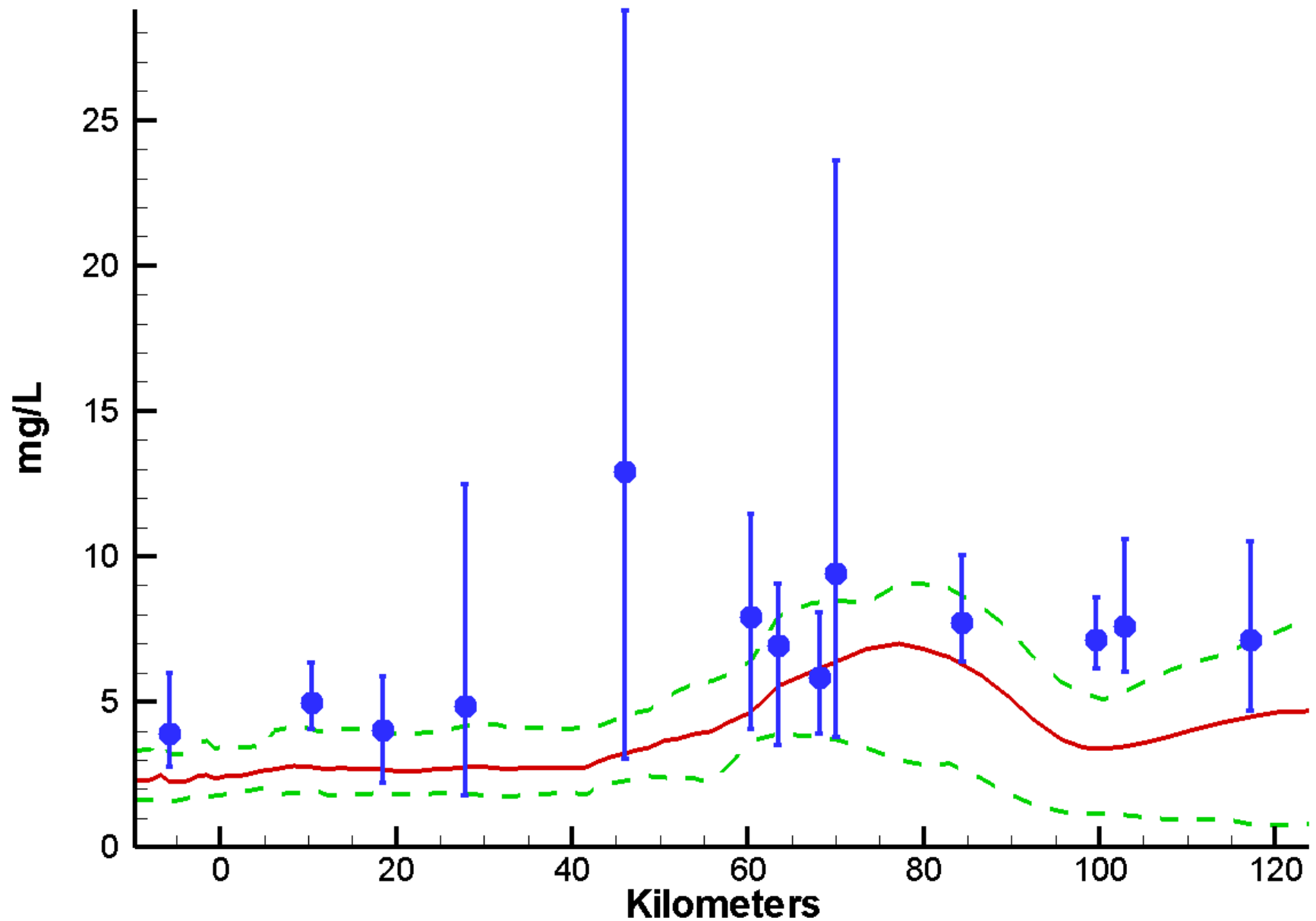
# York River Ches2015 Run118

## Surface Total Nitrogen Summer 1994



# York River Ches2015 Run118

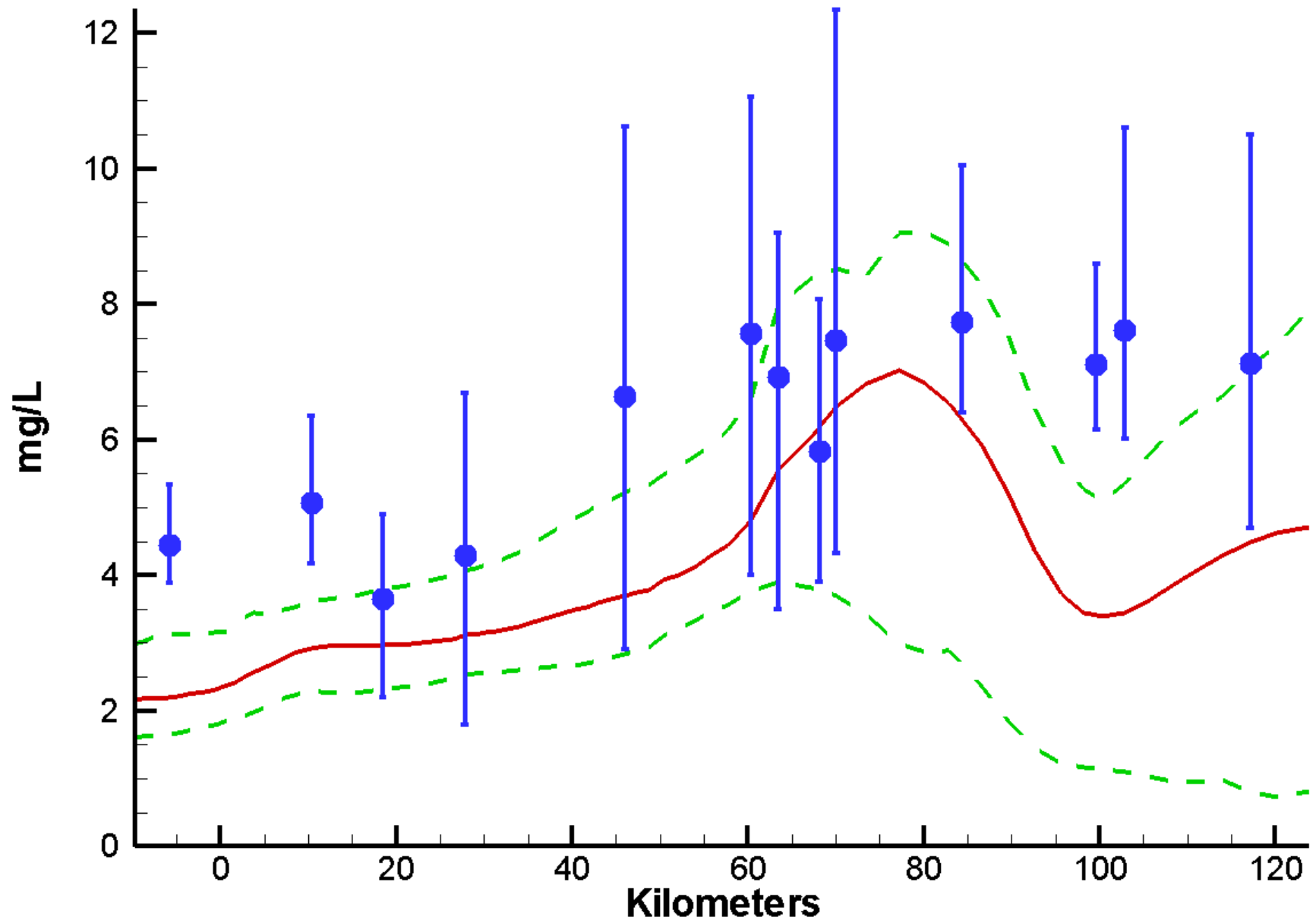
## Bottom Total Organic Carbon Summer 1994





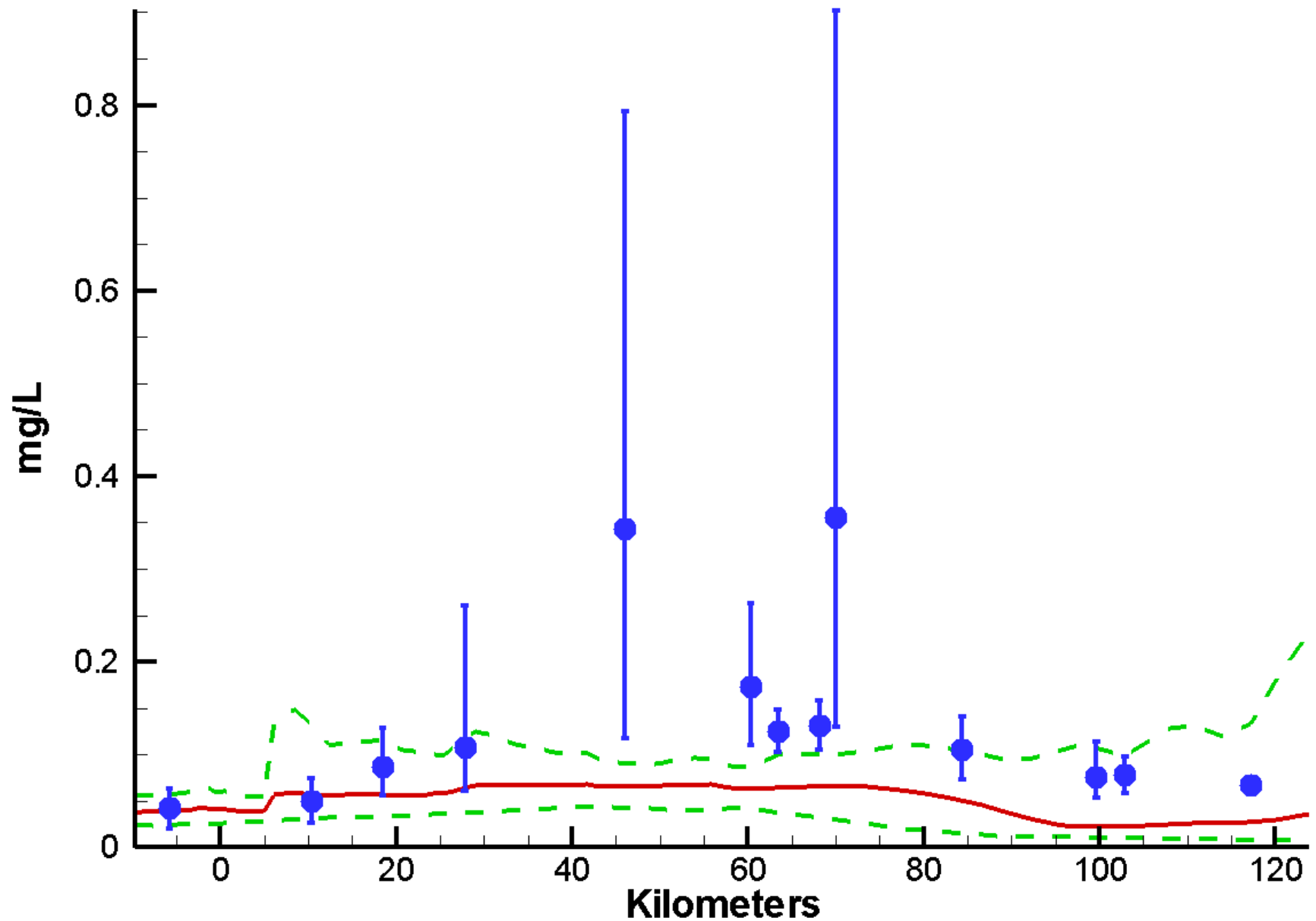
# York River Ches2015 Run118

## Surface Total Organic Carbon Summer 1994



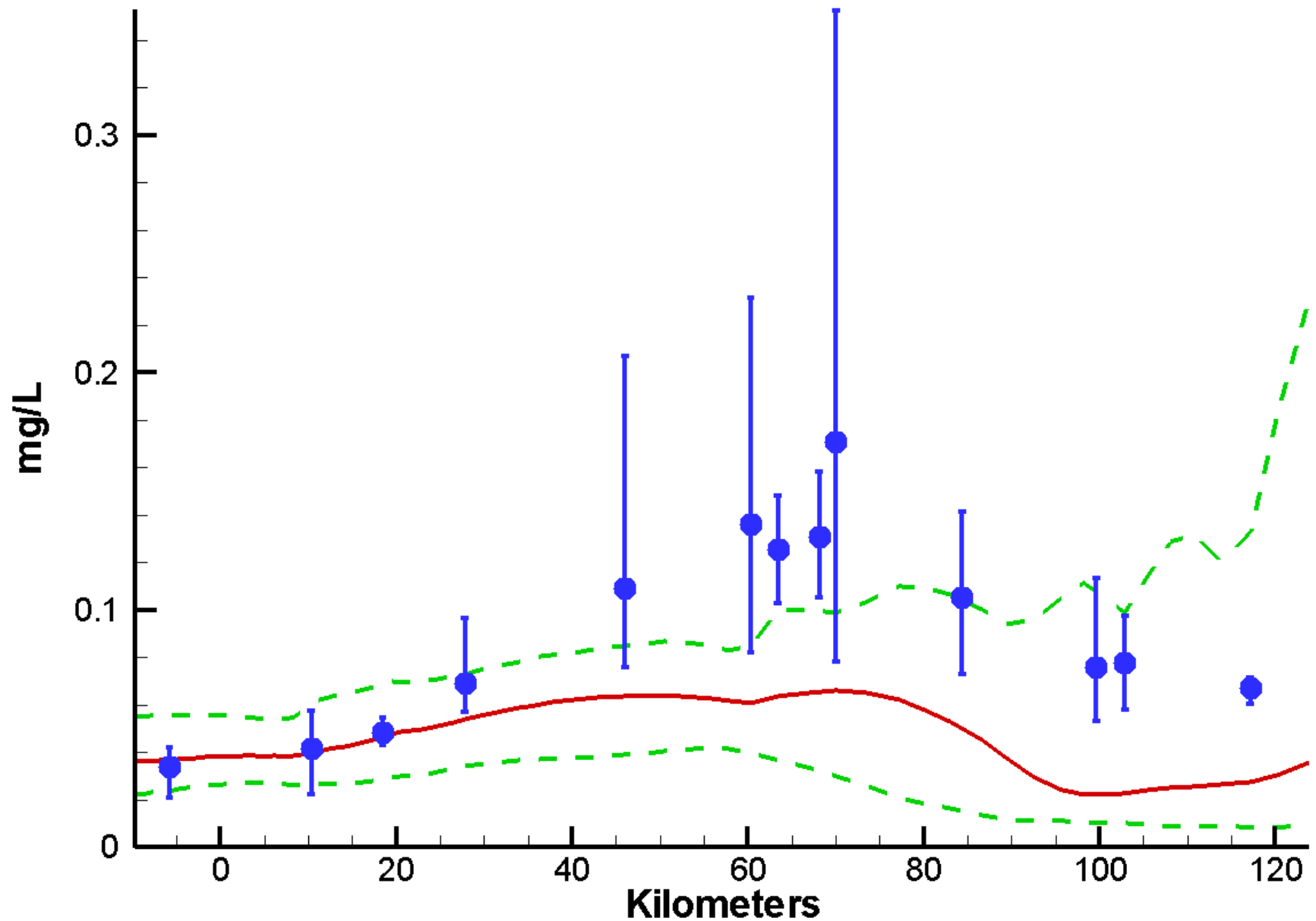
# York River Ches2015 Run118

## Bottom Total Phosphorus Summer 1994



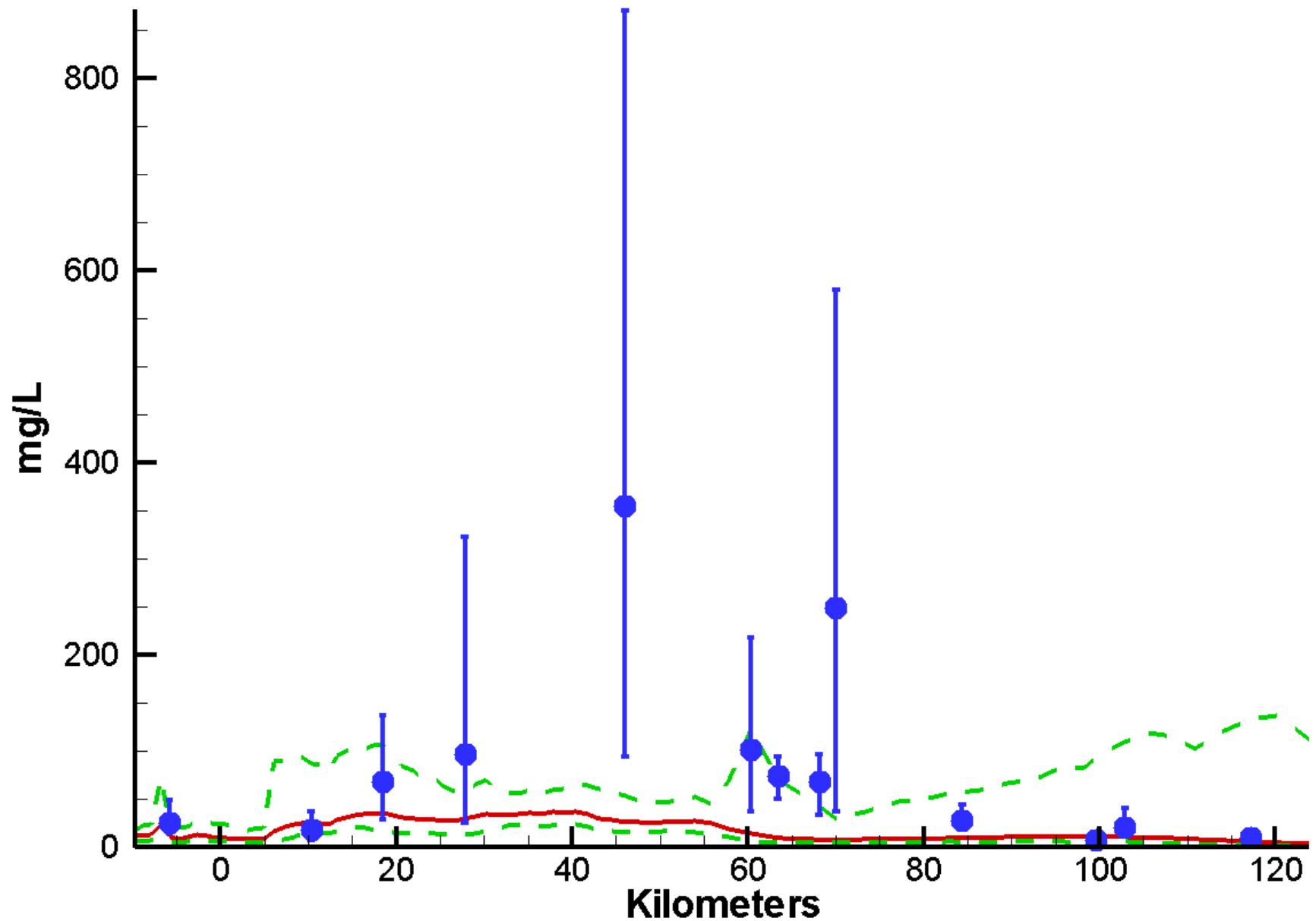
# York River Ches2015 Run118

## Surface Total Phosphorus Summer 1994



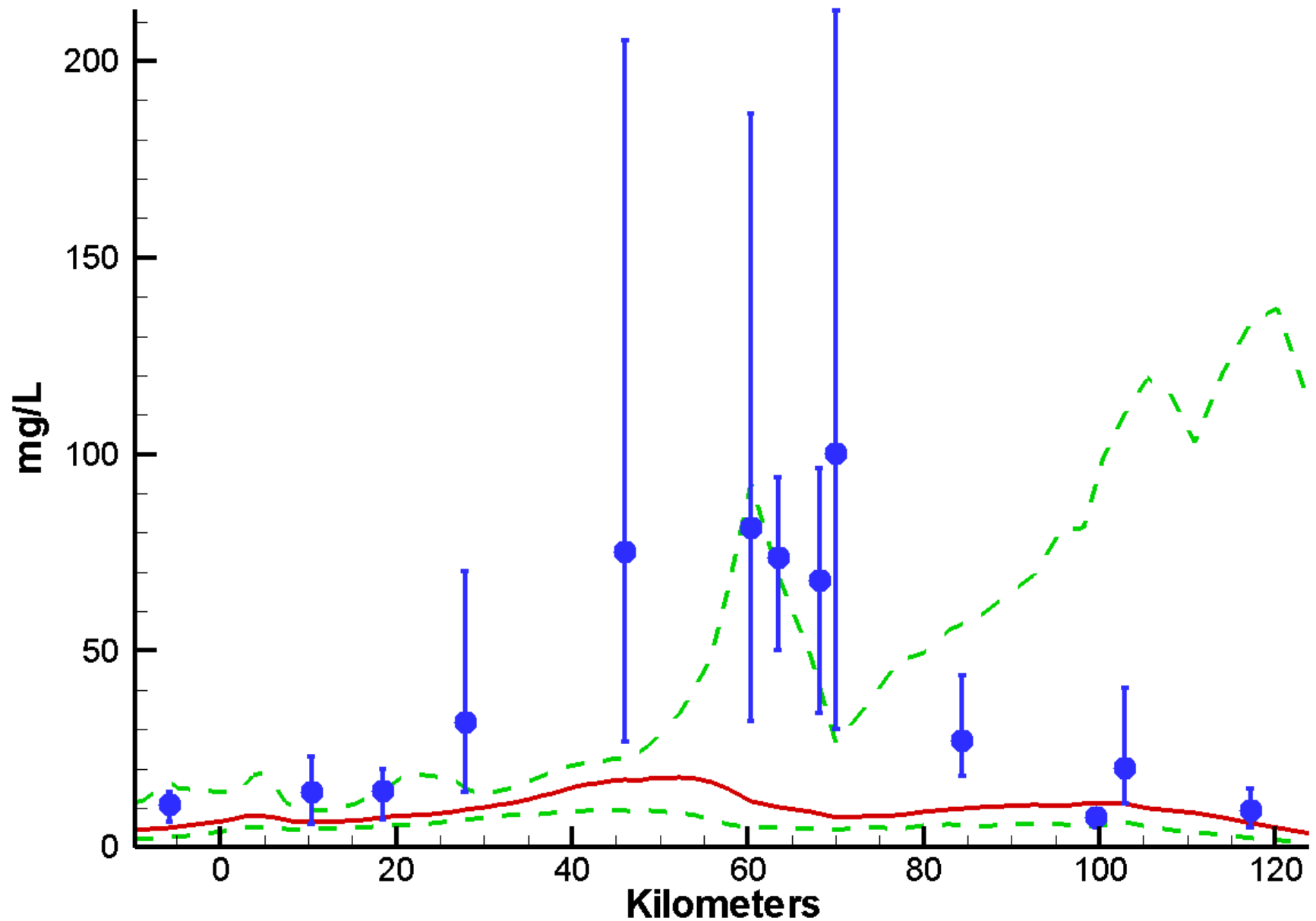
# York River Ches2015 Run118

## Bottom Total Suspended Solids Summer 1994

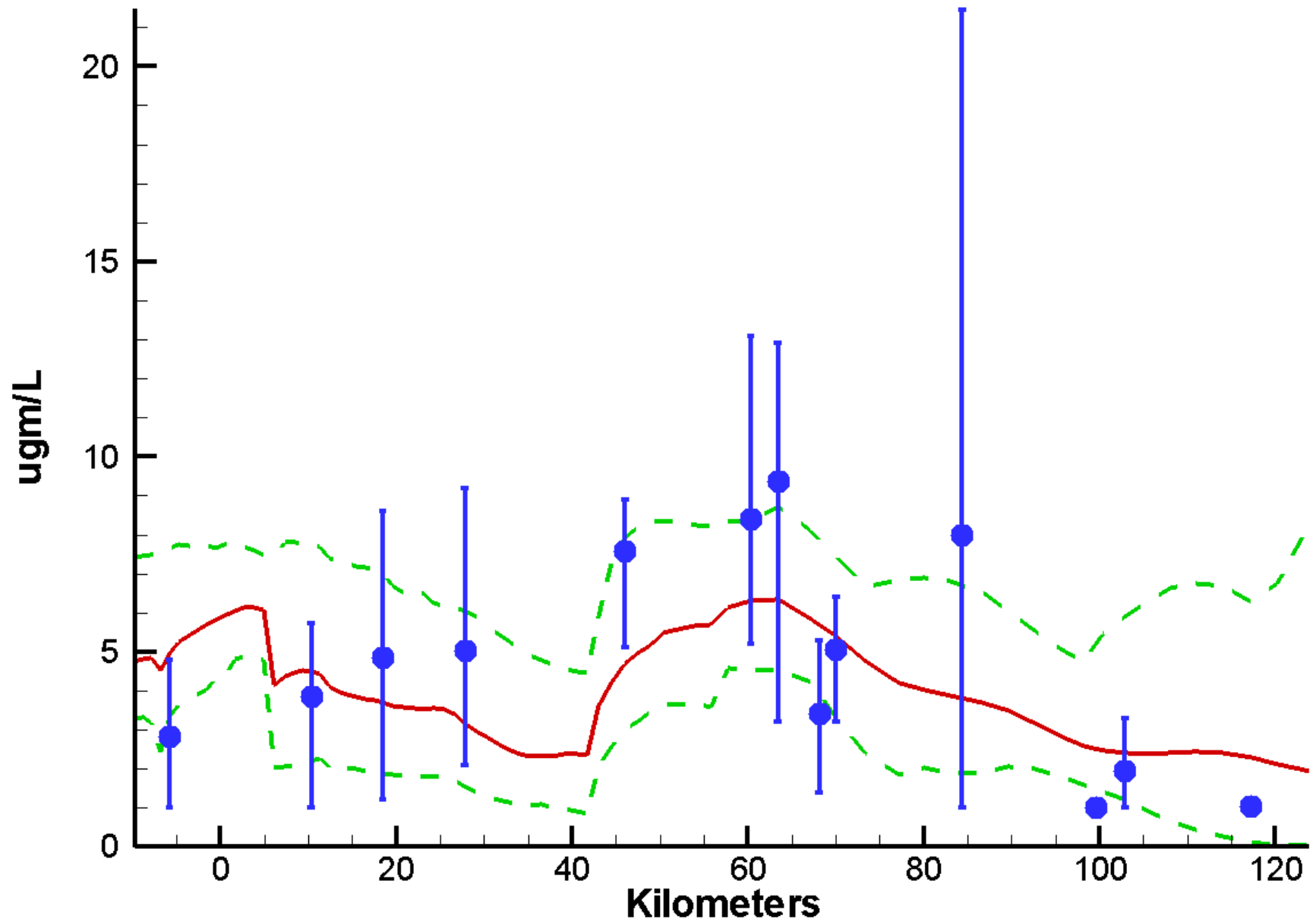


# York River Ches2015 Run118

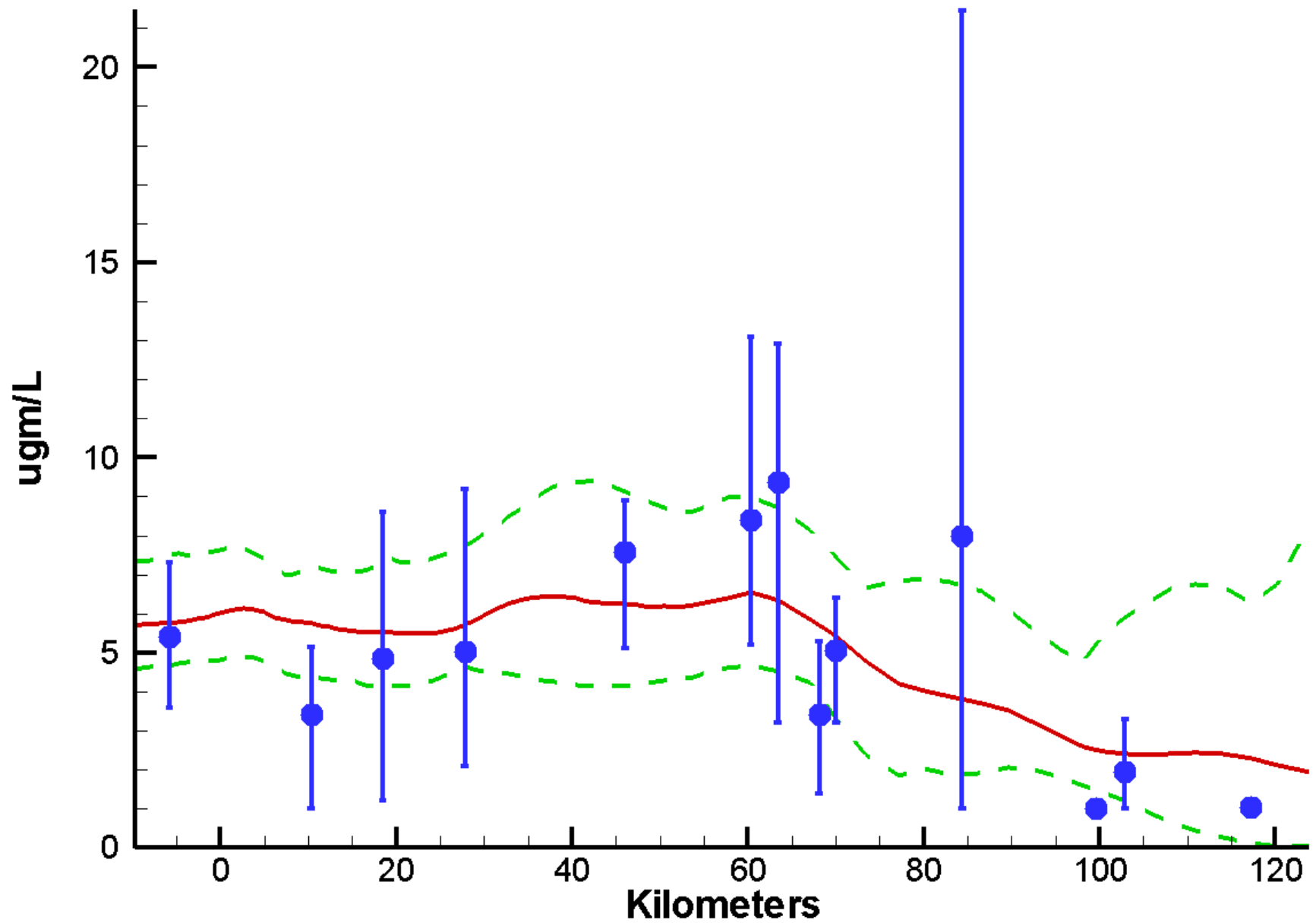
## Surface Total Suspended Solids Summer 1994



# York River Ches2015 Run118 Bottom Chlorophyll Fall 1994

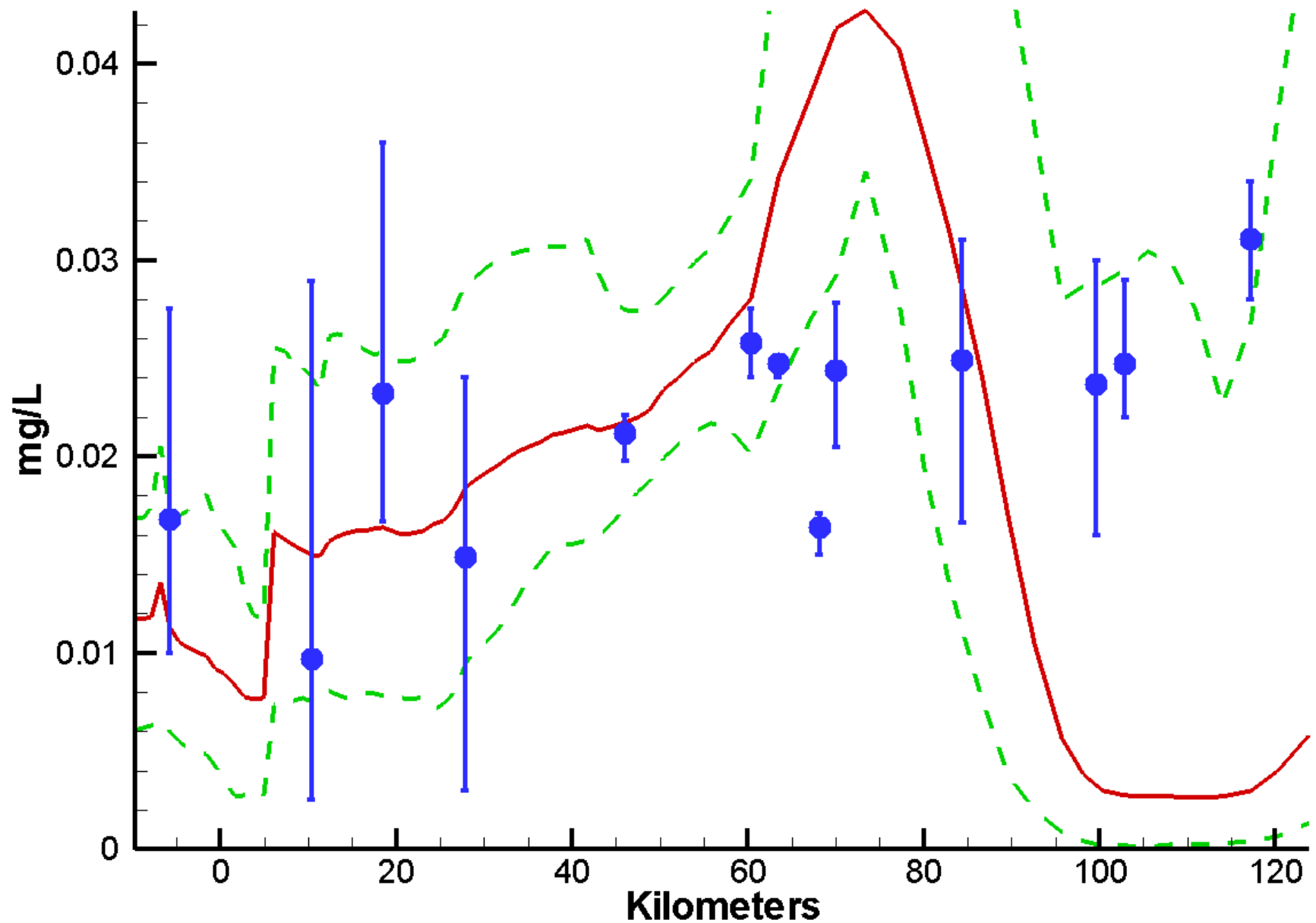


# York River Ches2015 Run118 Surface Chlorophyll Fall 1994



# York River Ches2015 Run118

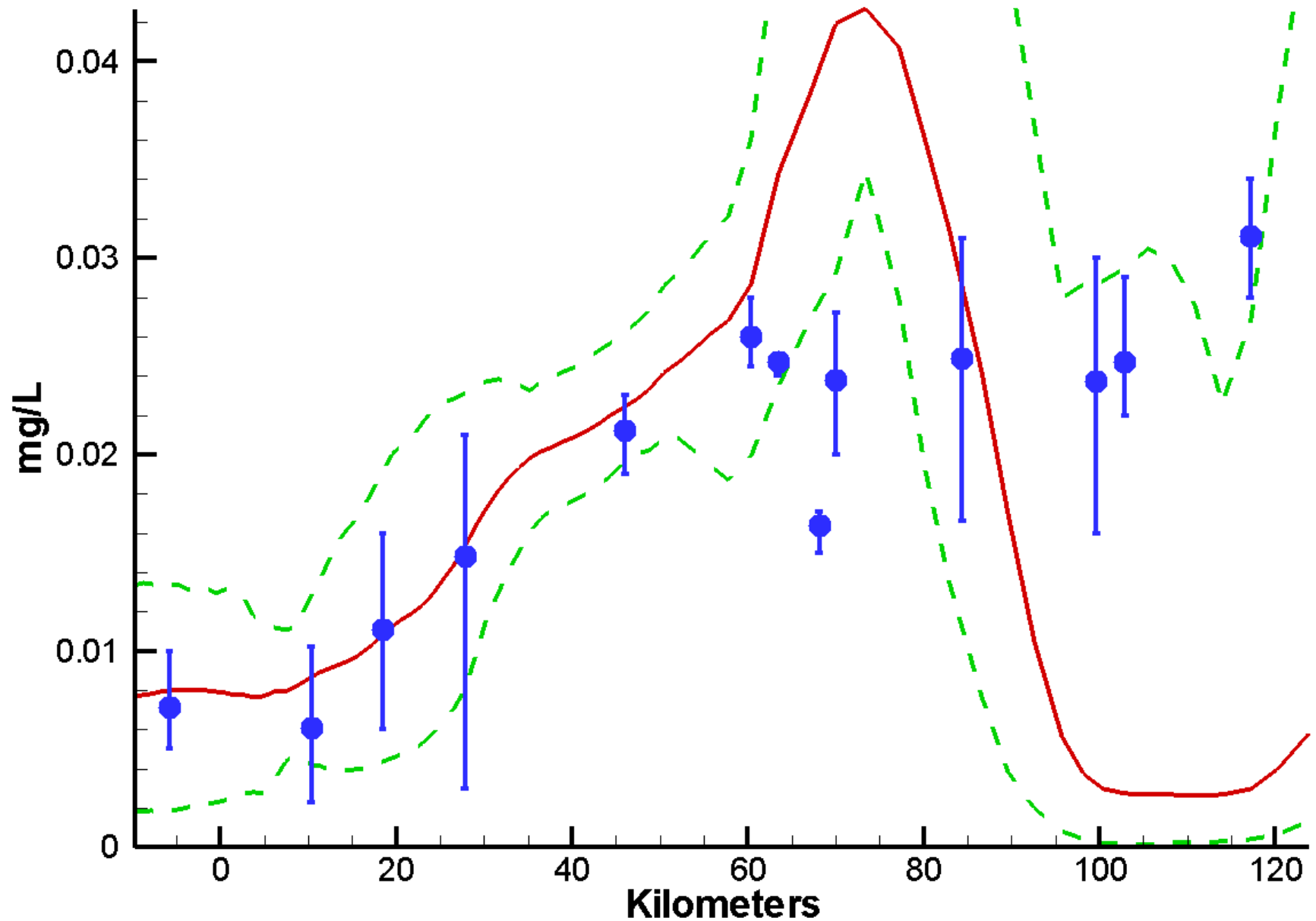
## Bottom Dissolved Phosphate Fall 1994



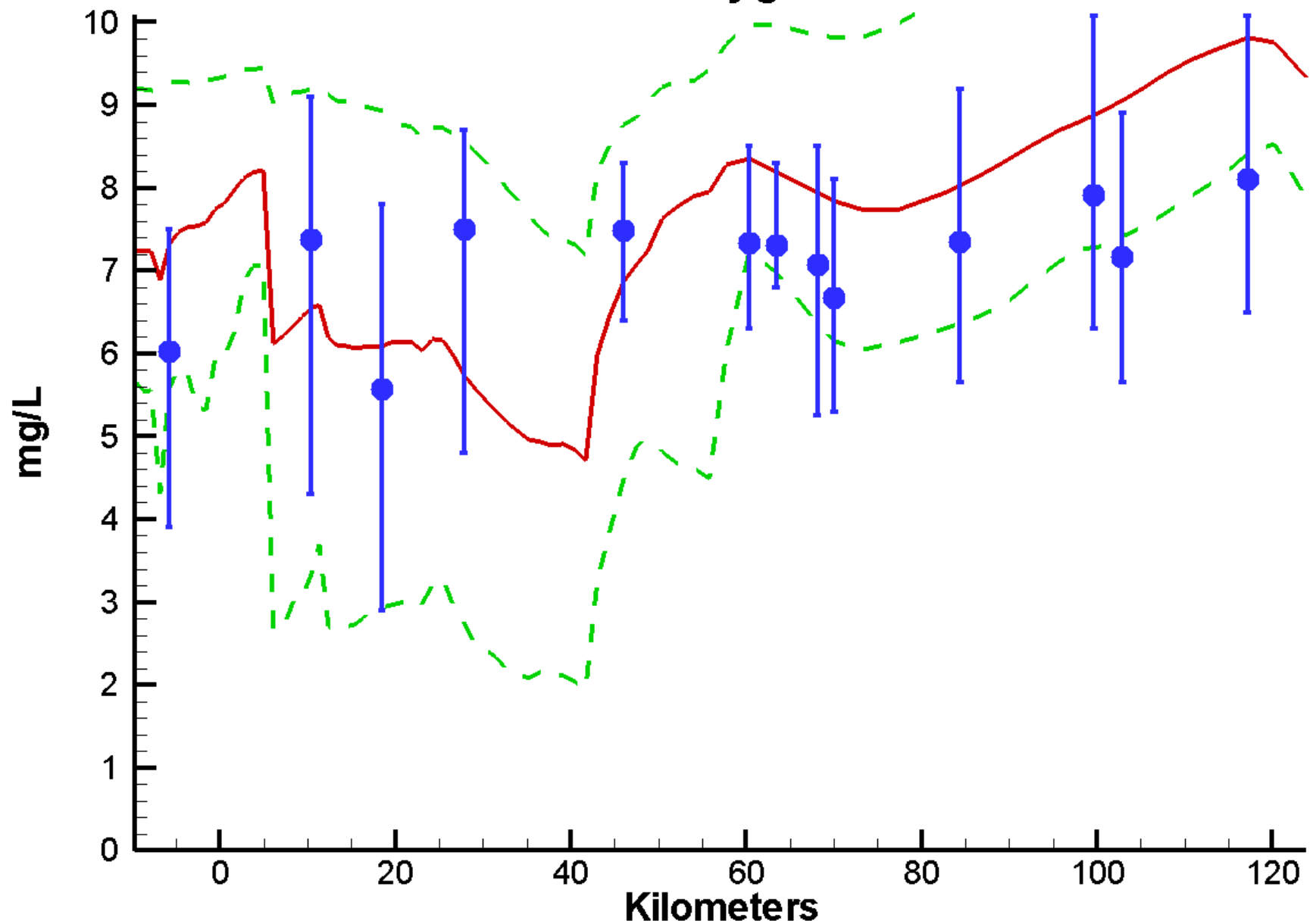


# York River Ches2015 Run118

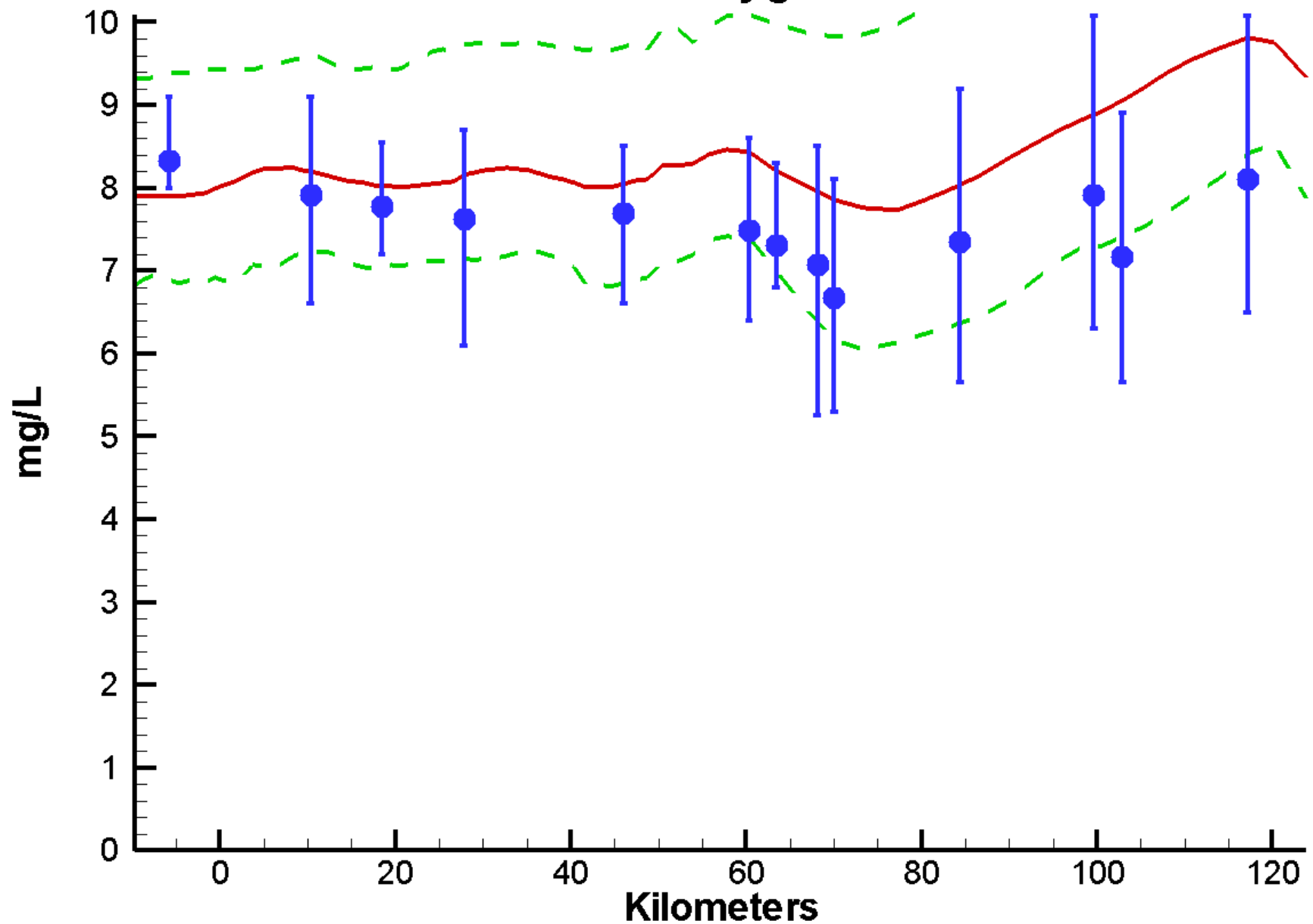
## Surface Dissolved Phosphate Fall 1994



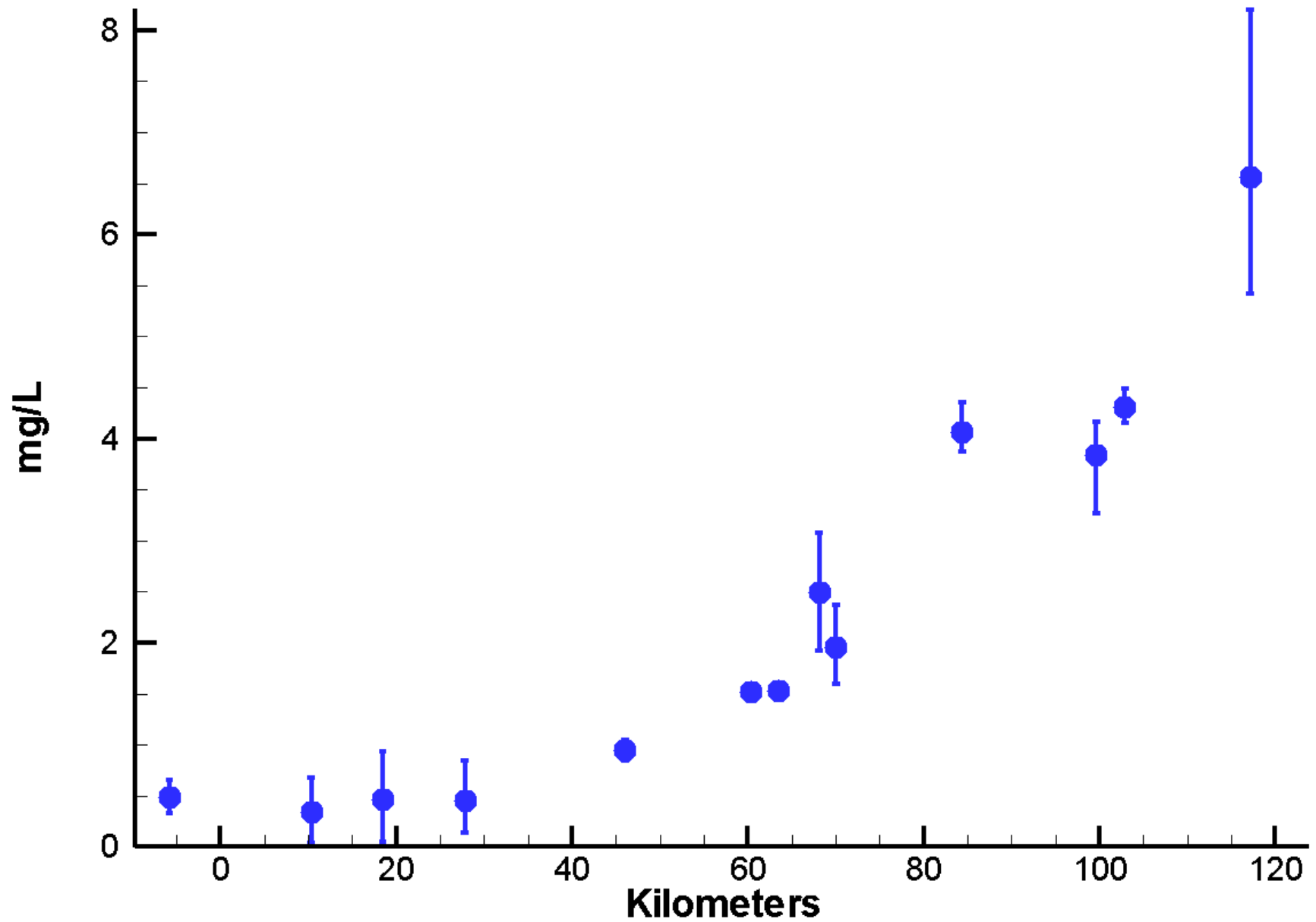
# York River Ches2015 Run118 Bottom Dissolved Oxygen Fall 1994



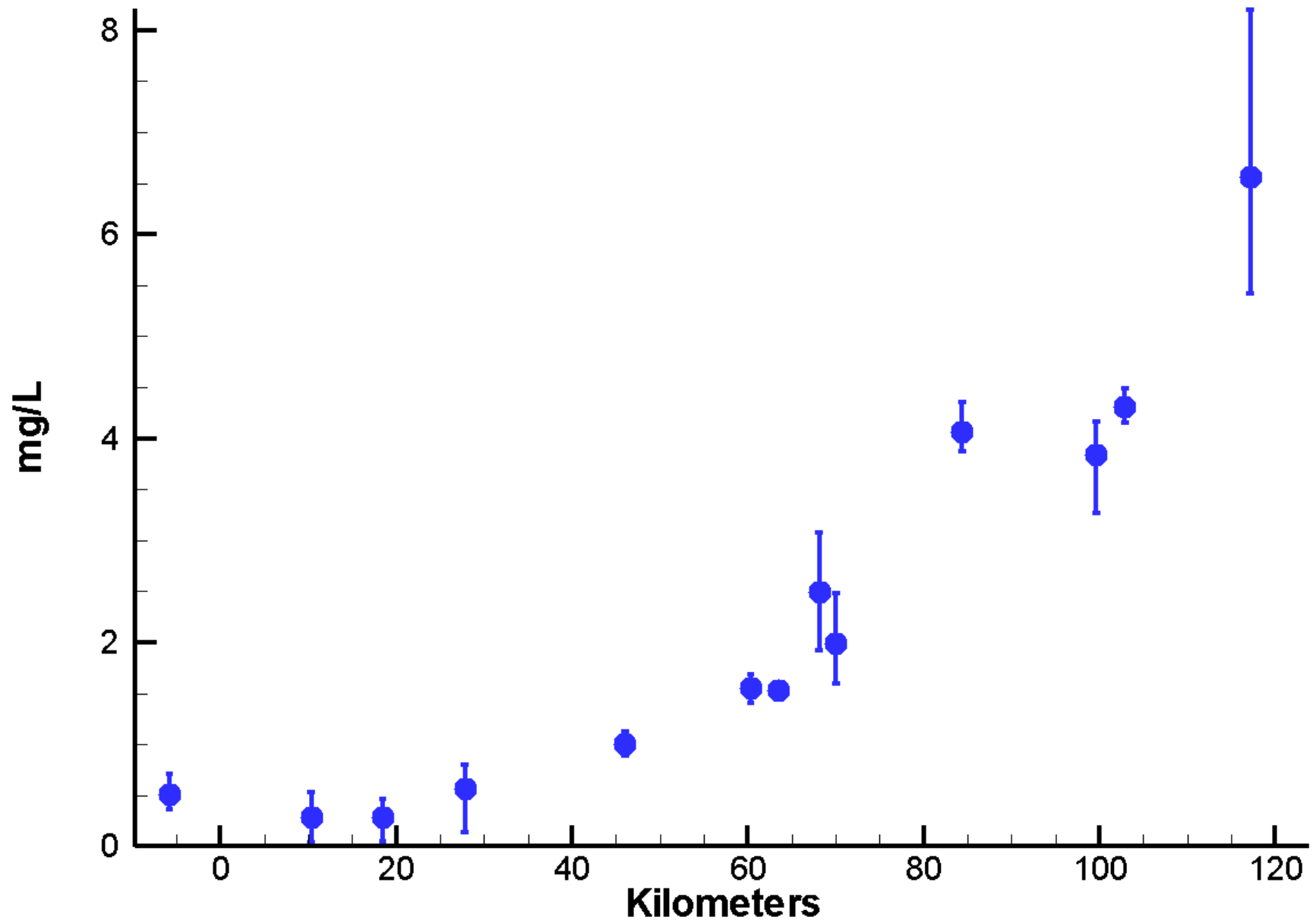
# York River Ches2015 Run118 Surface Dissolved Oxygen Fall 1994



# York River Ches2015 Run118 Bottom Dissolved Silica Fall 1994

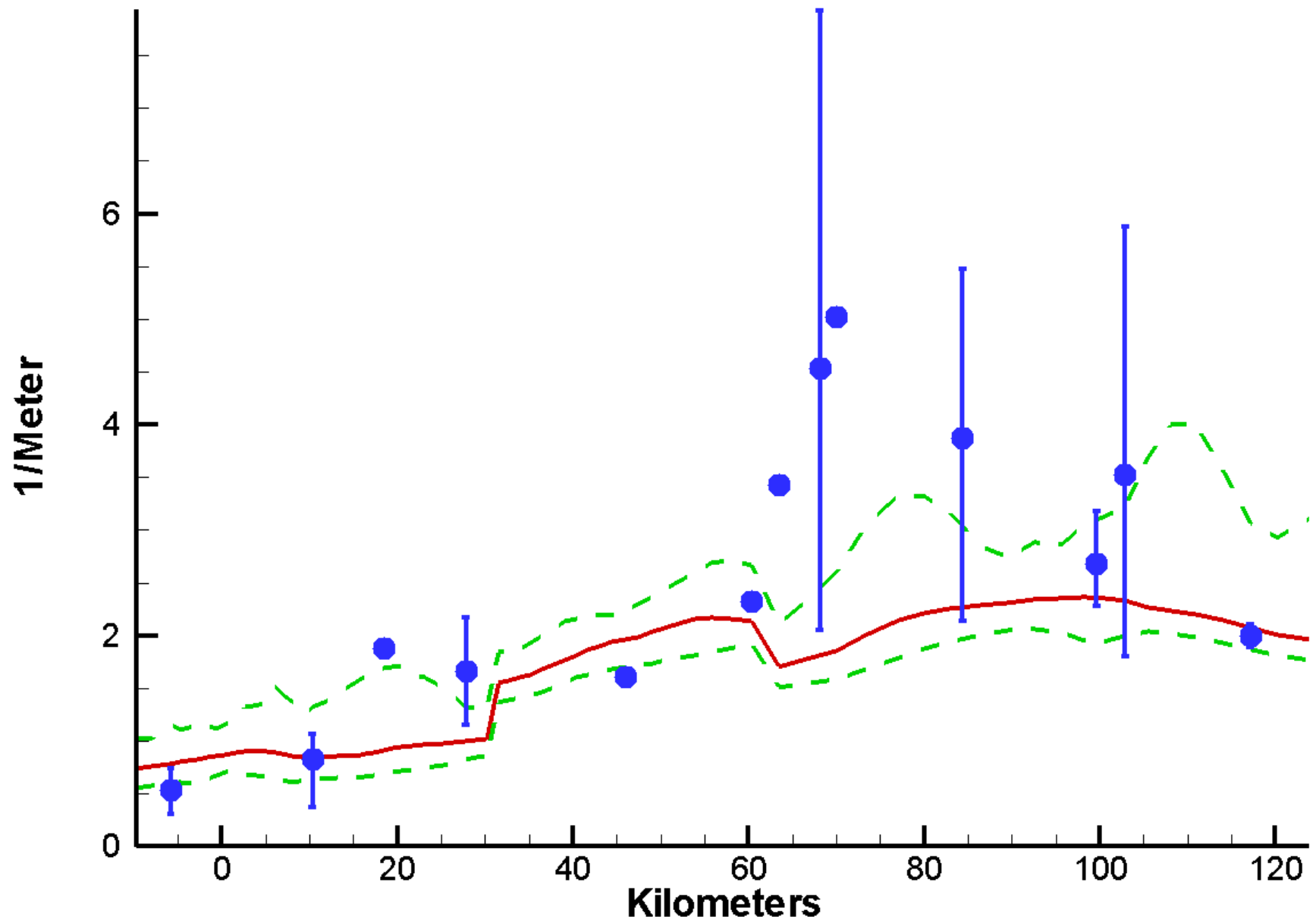


# York River Ches2015 Run118 Surface Dissolved Silica Fall 1994



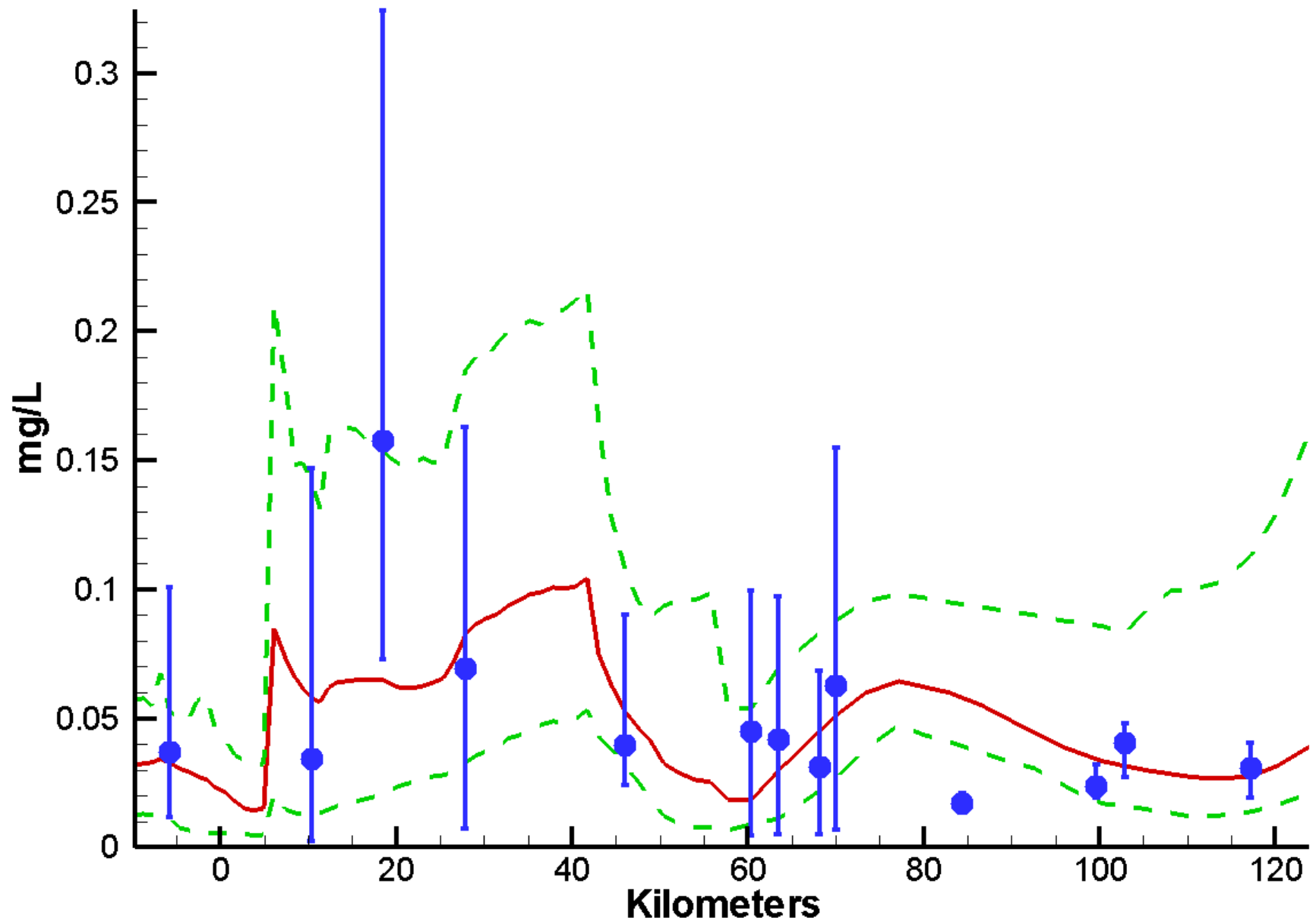
# York River Ches2015 Run118

## Surface Light Extinction Fall 1994

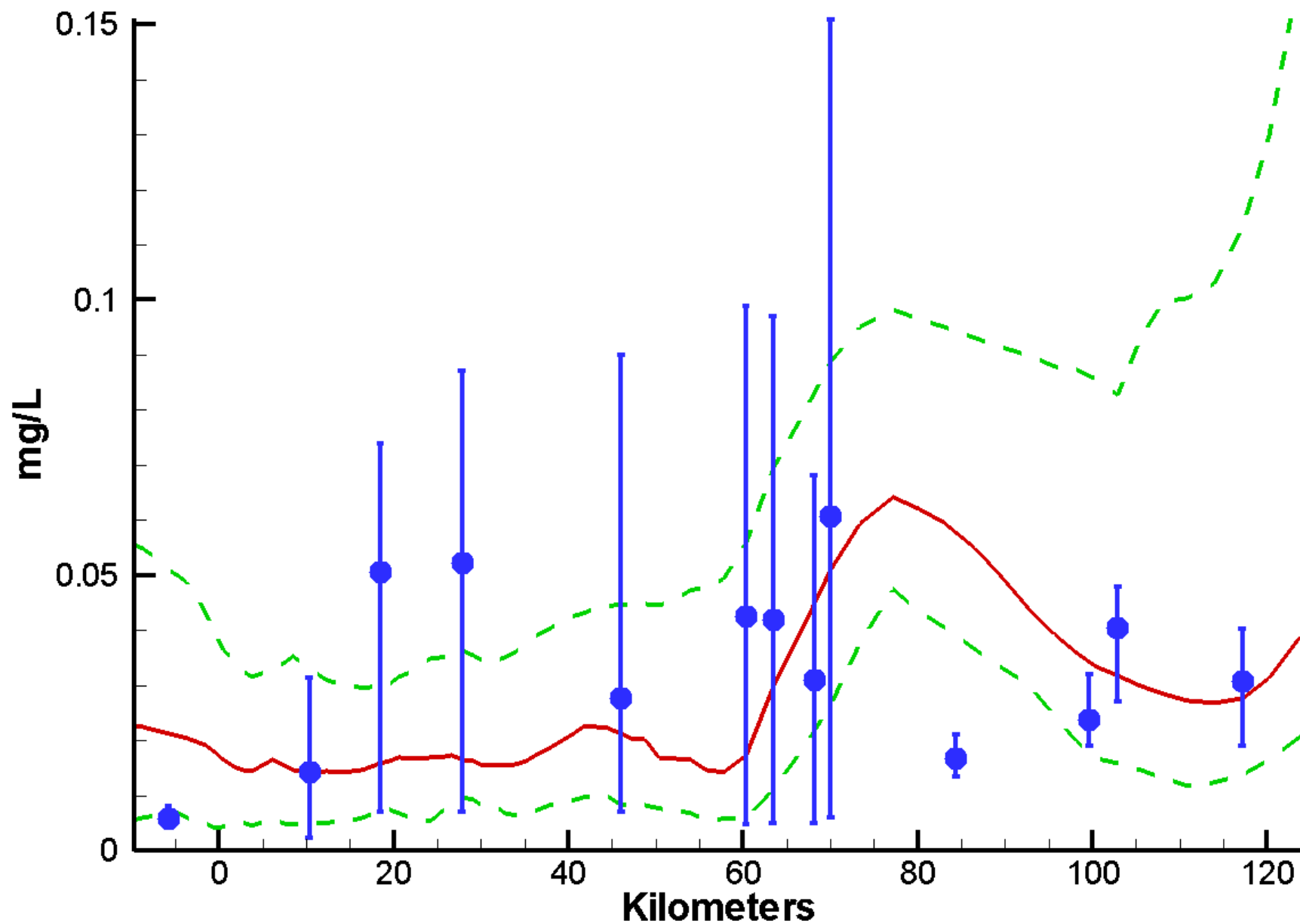


# York River Ches2015 Run118

## Bottom Ammonium Fall 1994



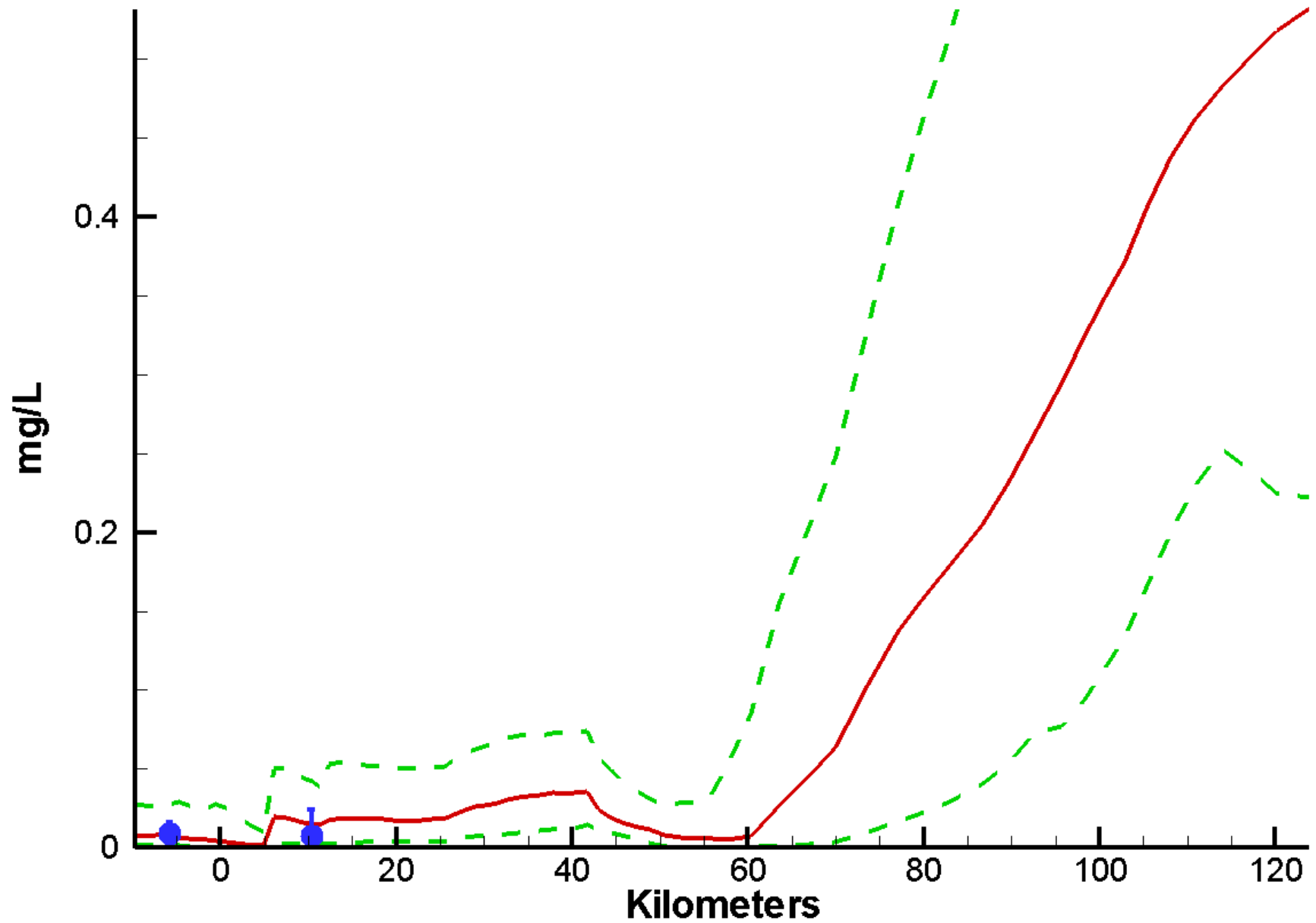
# York River Ches2015 Run118 Surface Ammonium Fall 1994





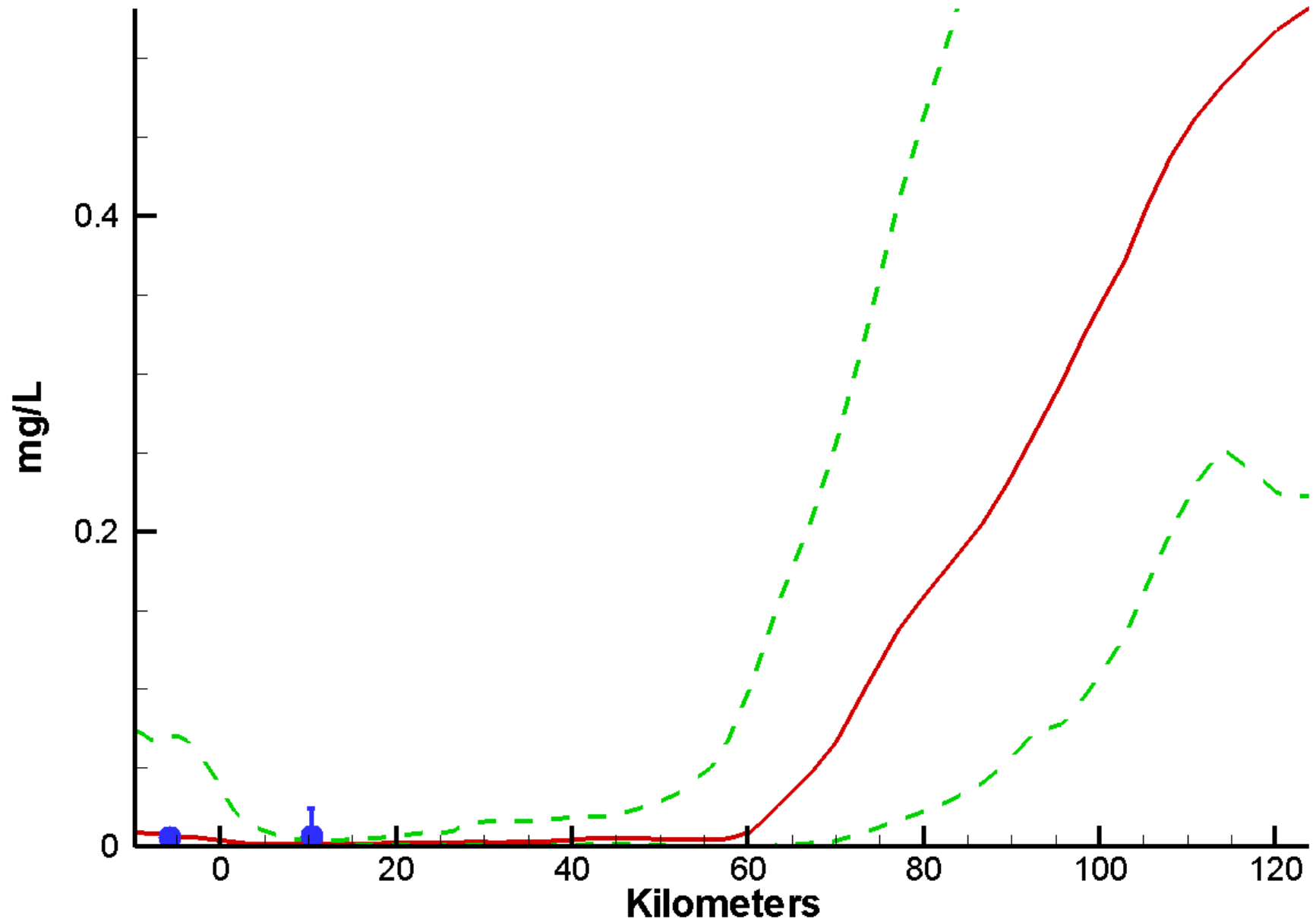
# York River Ches2015 Run118

## Bottom Nitrate Fall 1994



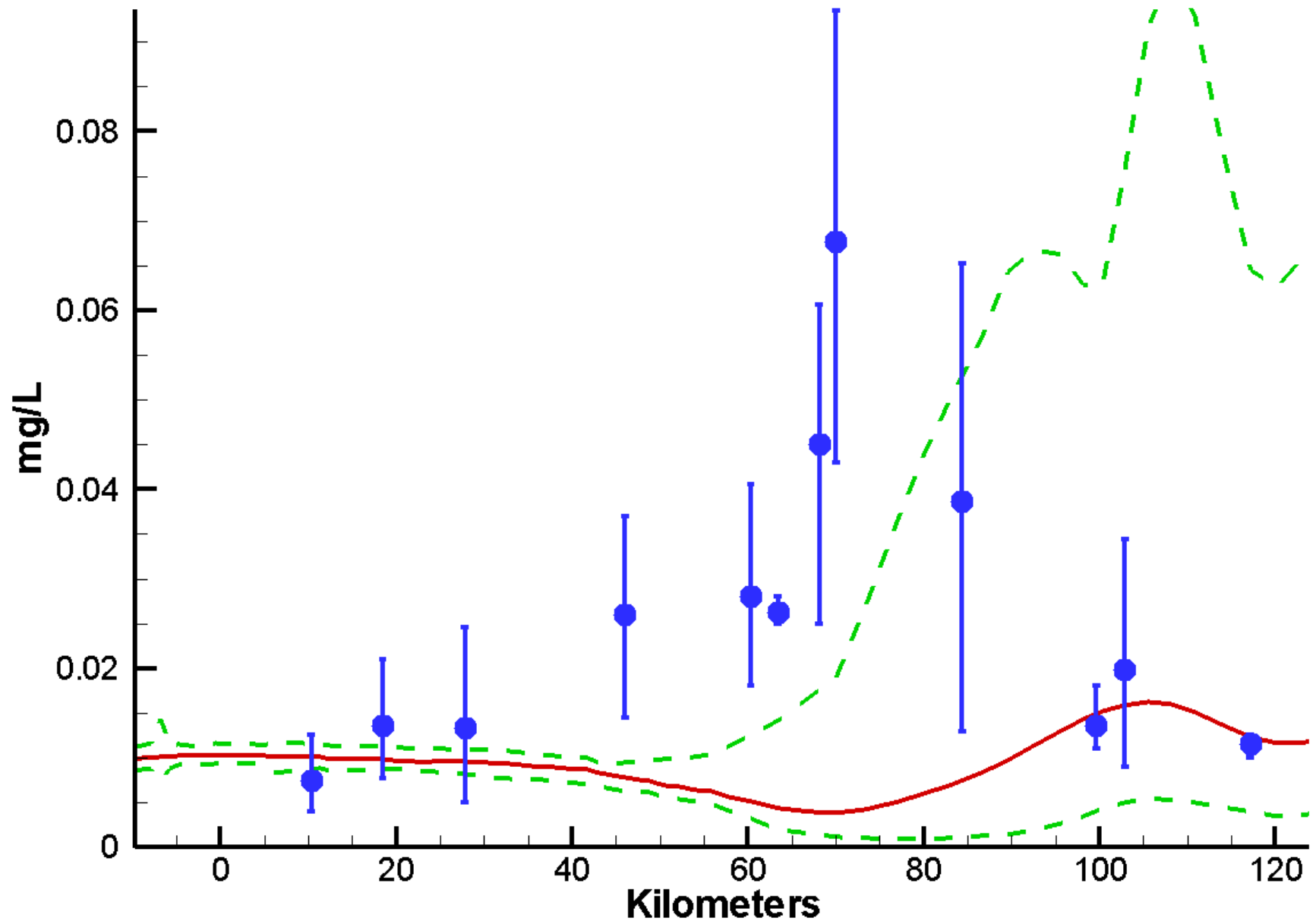
# York River Ches2015 Run118

## Surface Nitrate Fall 1994



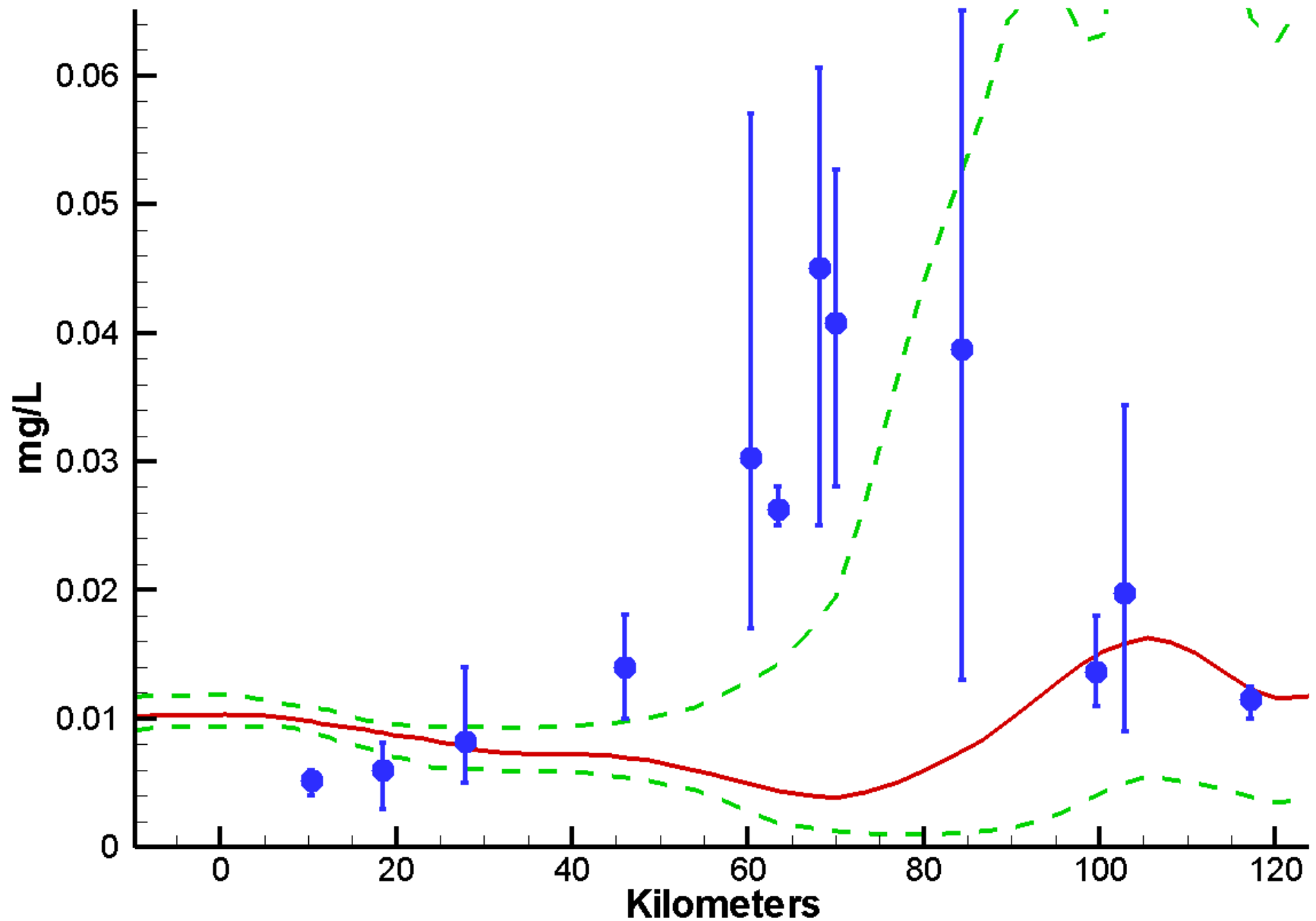
# York River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1994



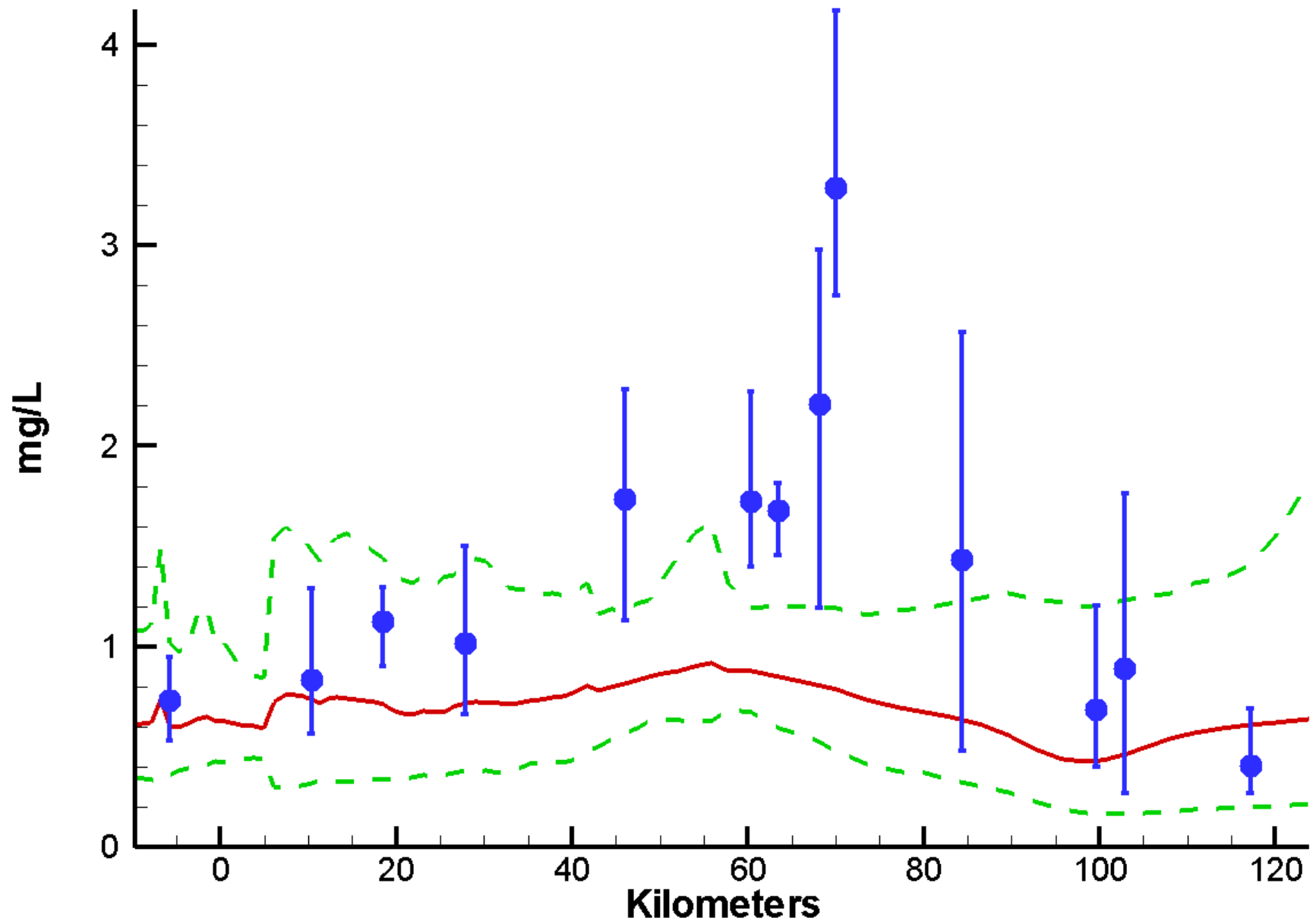
# York River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Fall 1994



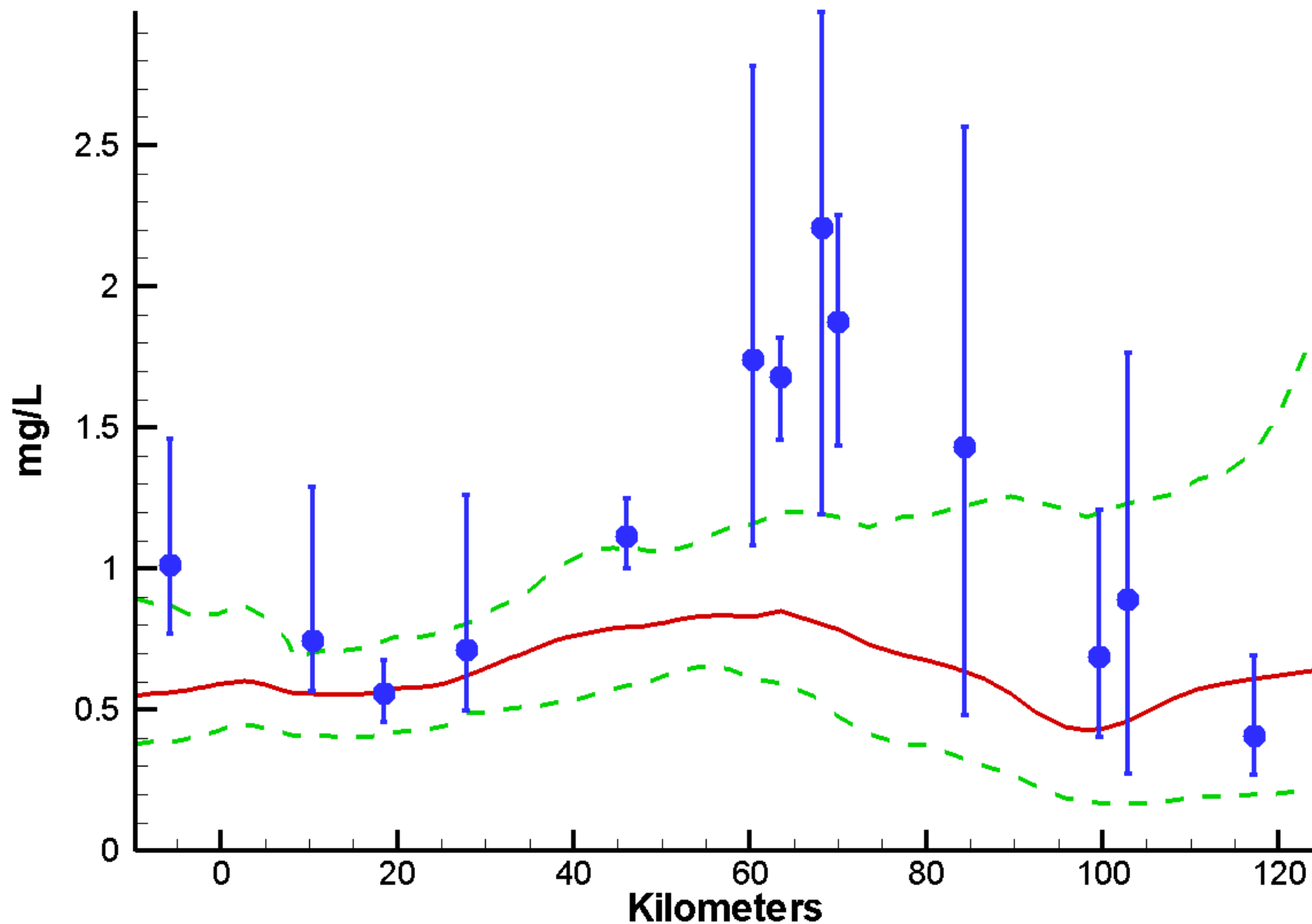
# York River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1994

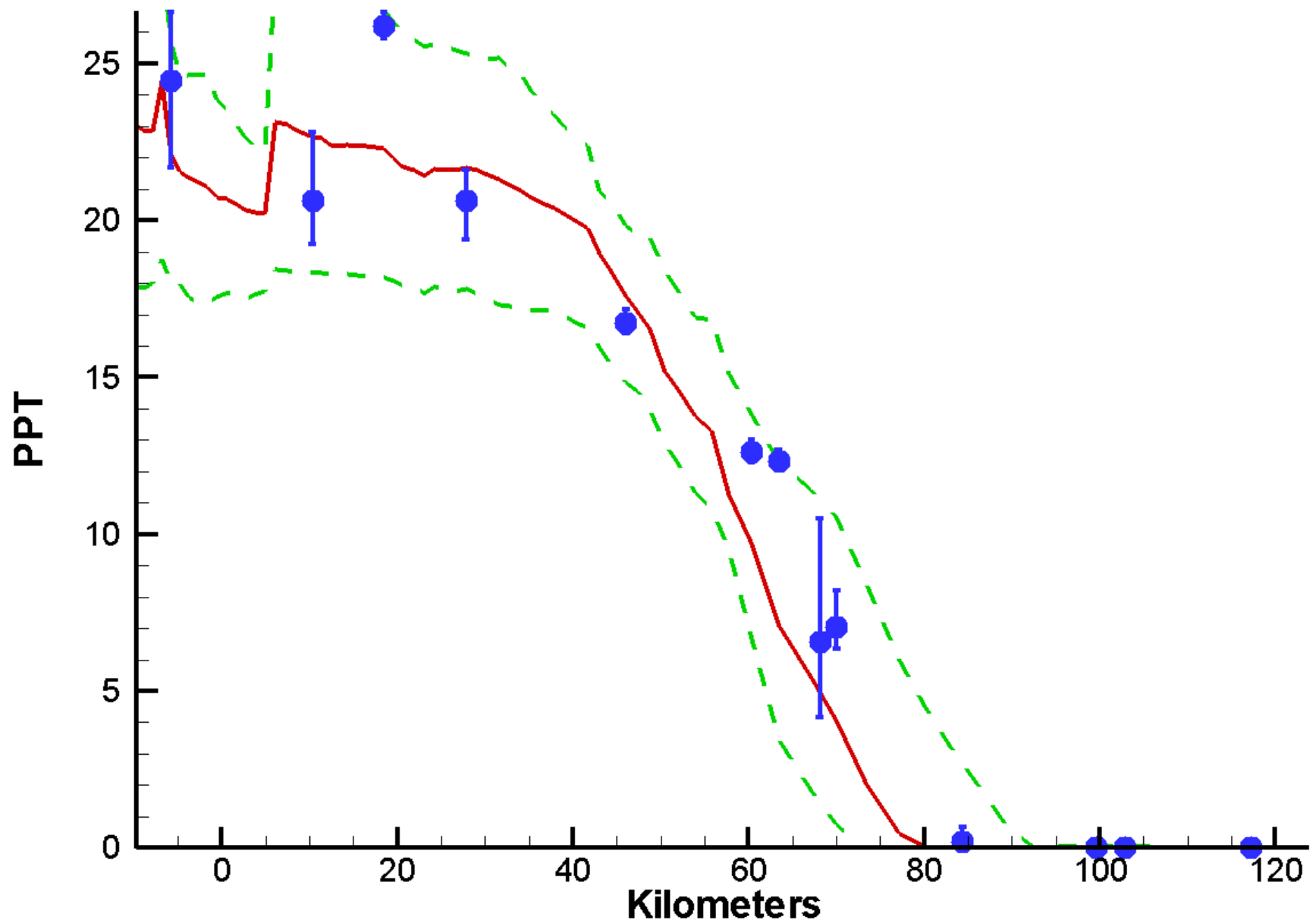


# York River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1994

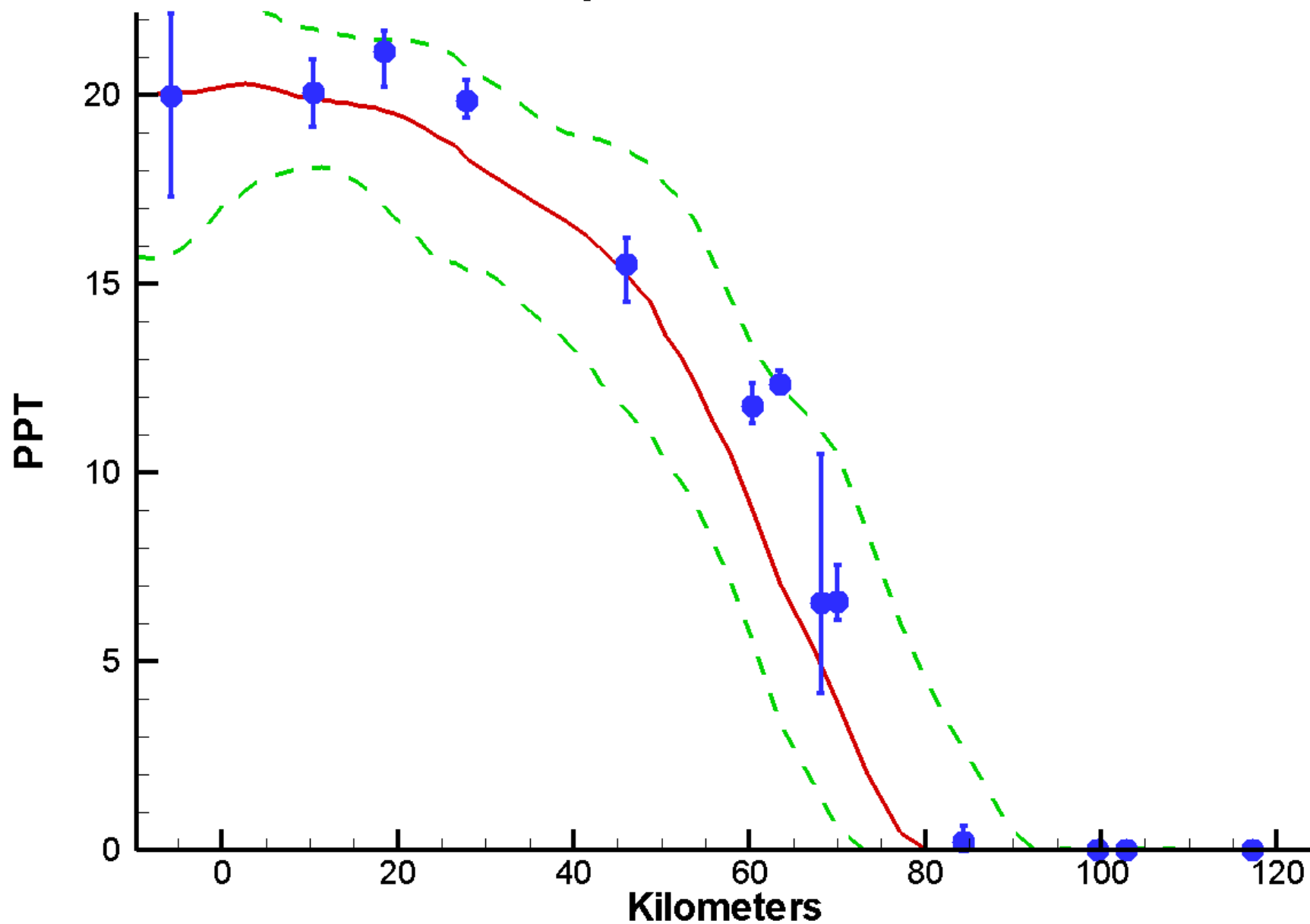


# York River Ches2015 Run118 Bottom Salinity Fall 1994



# York River Ches2015 Run118

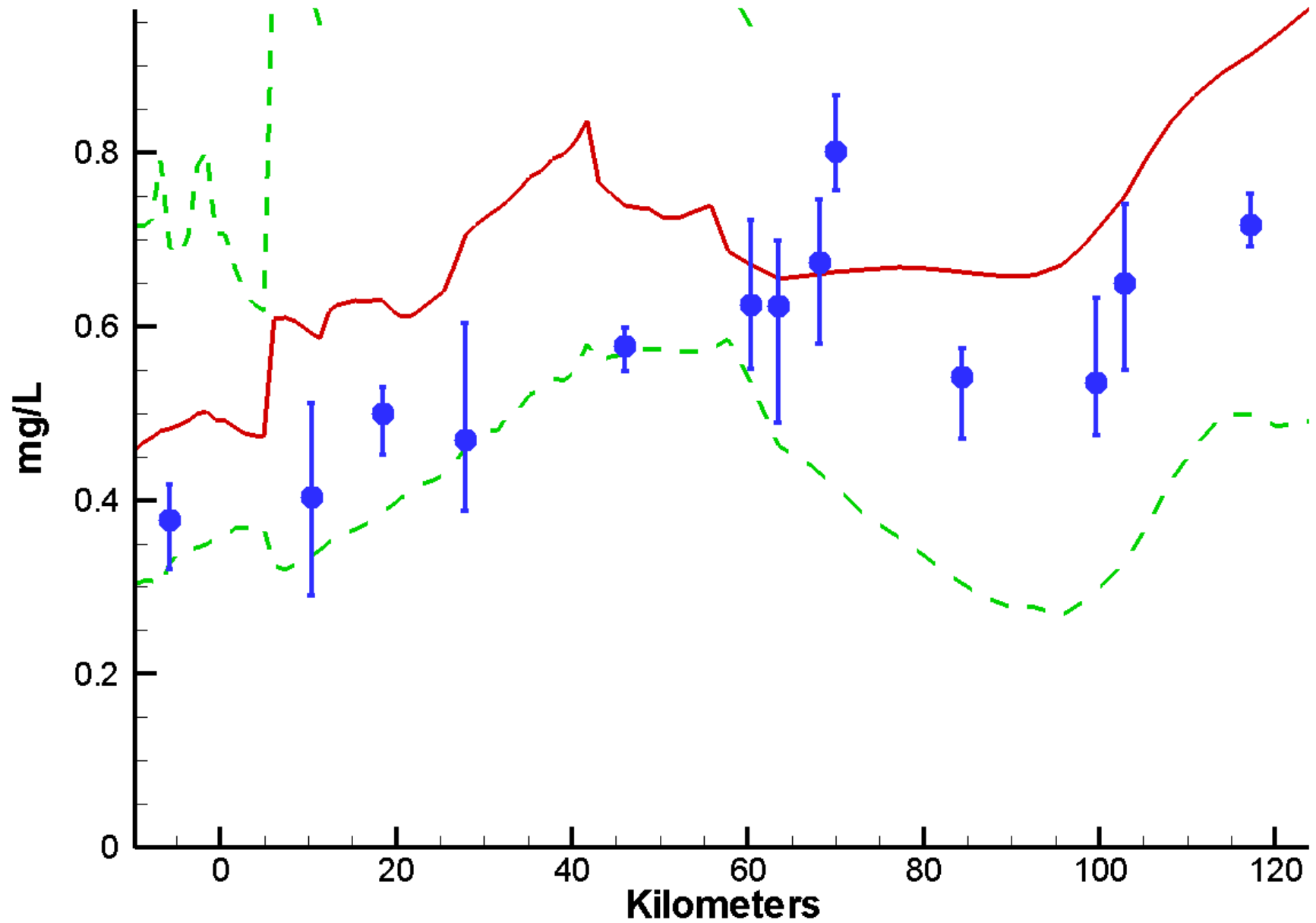
## Surface Salinity Fall 1994





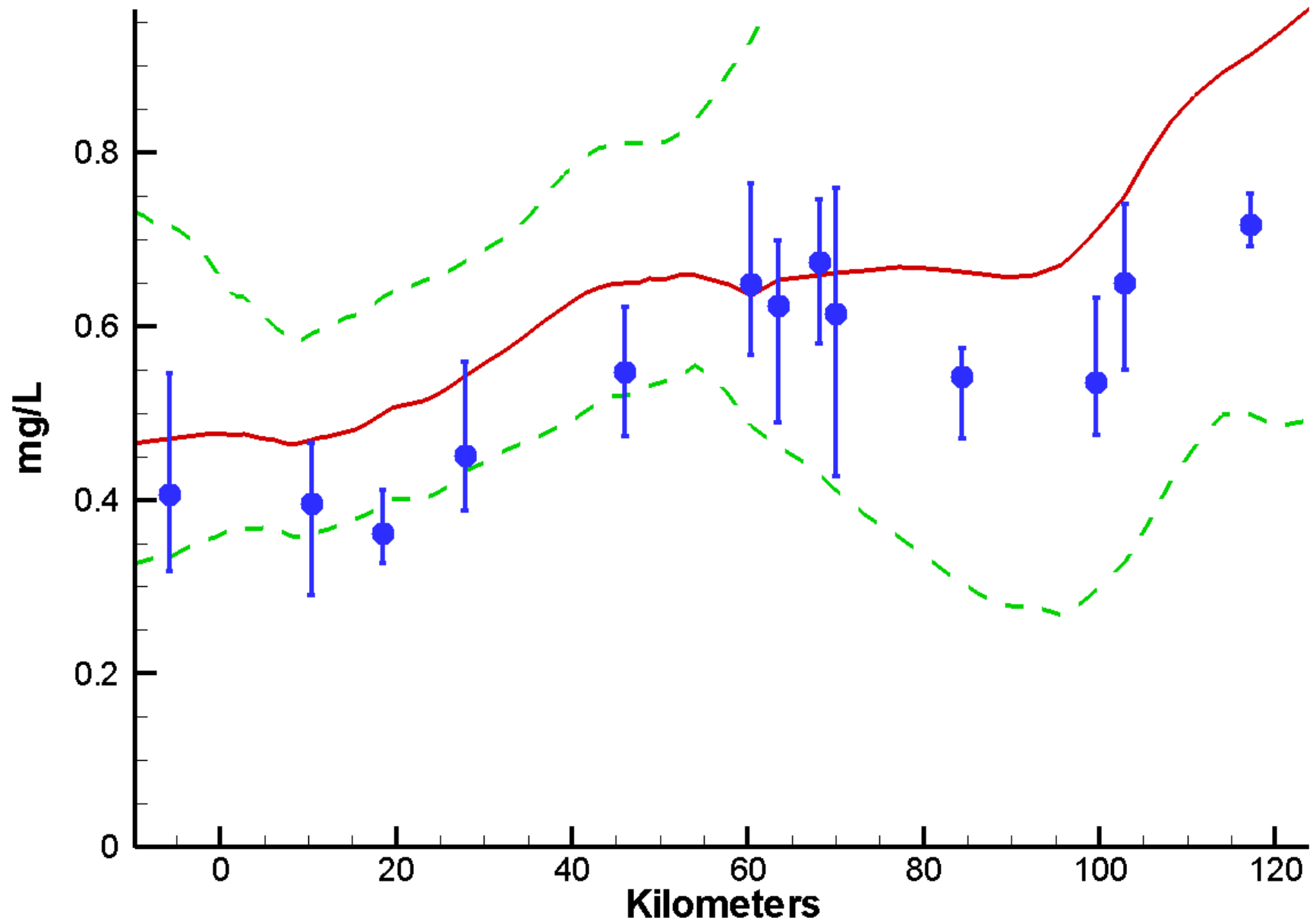
# York River Ches2015 Run118

## Bottom Total Nitrogen Fall 1994



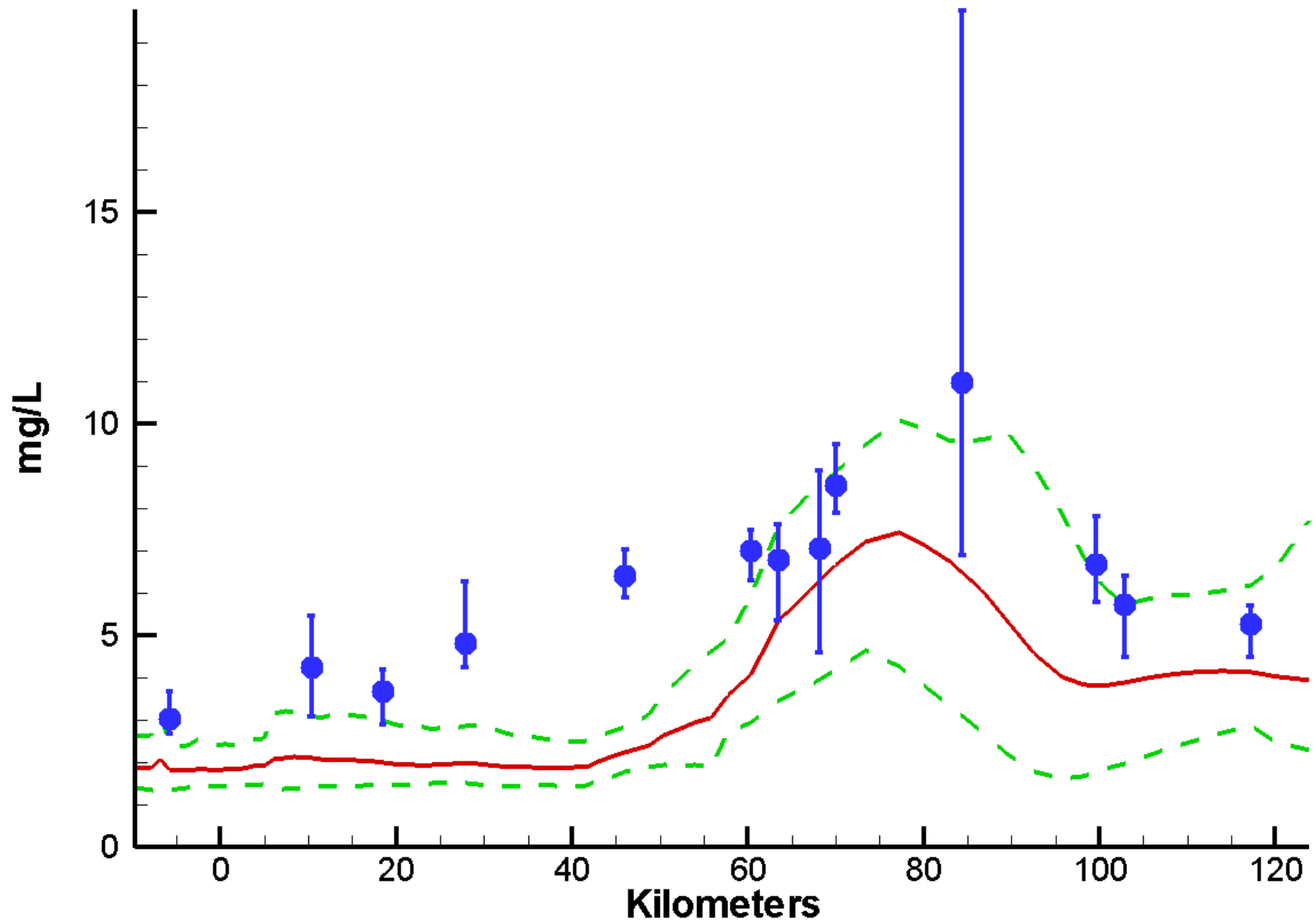
# York River Ches2015 Run118

## Surface Total Nitrogen Fall 1994



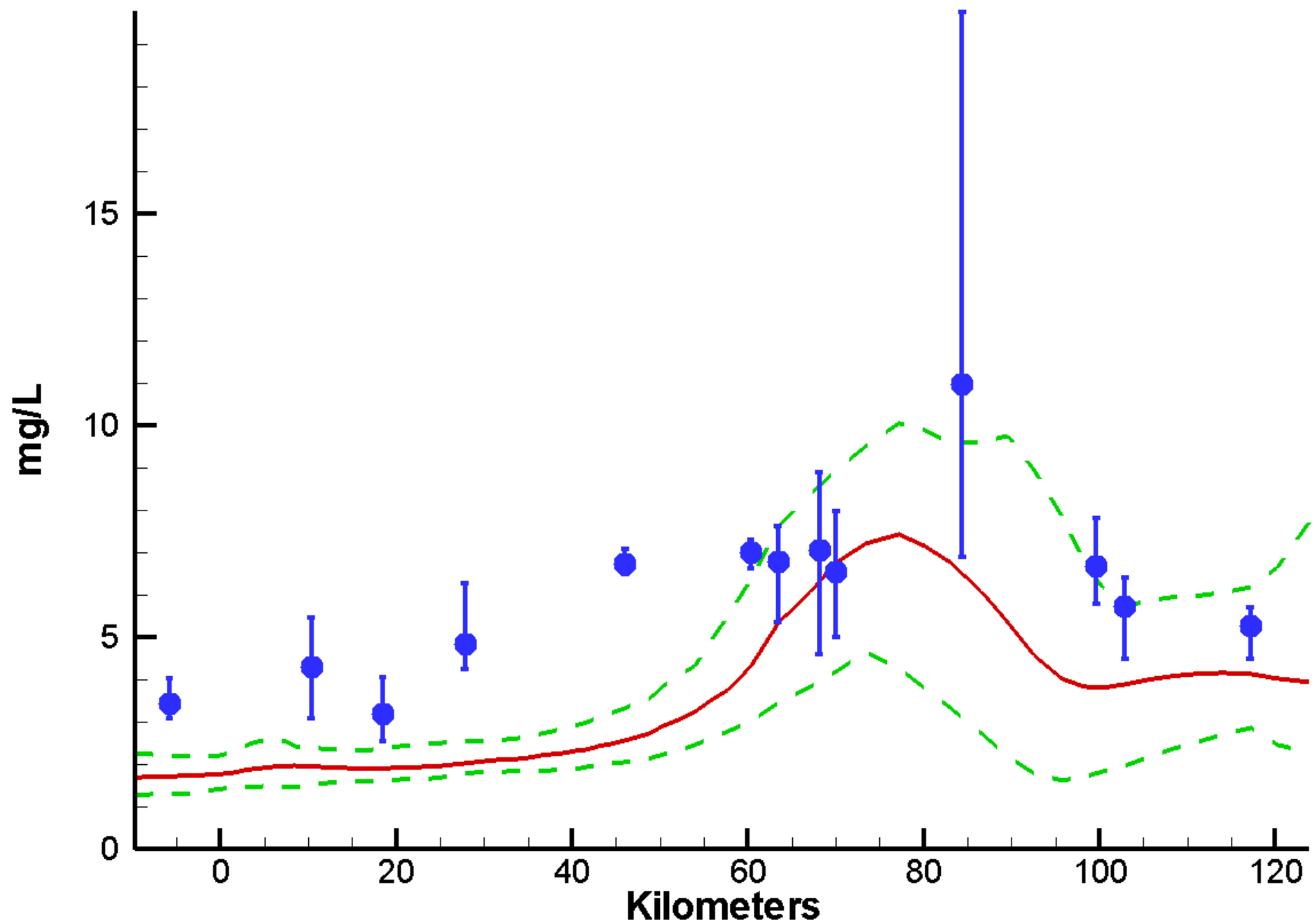
# York River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1994



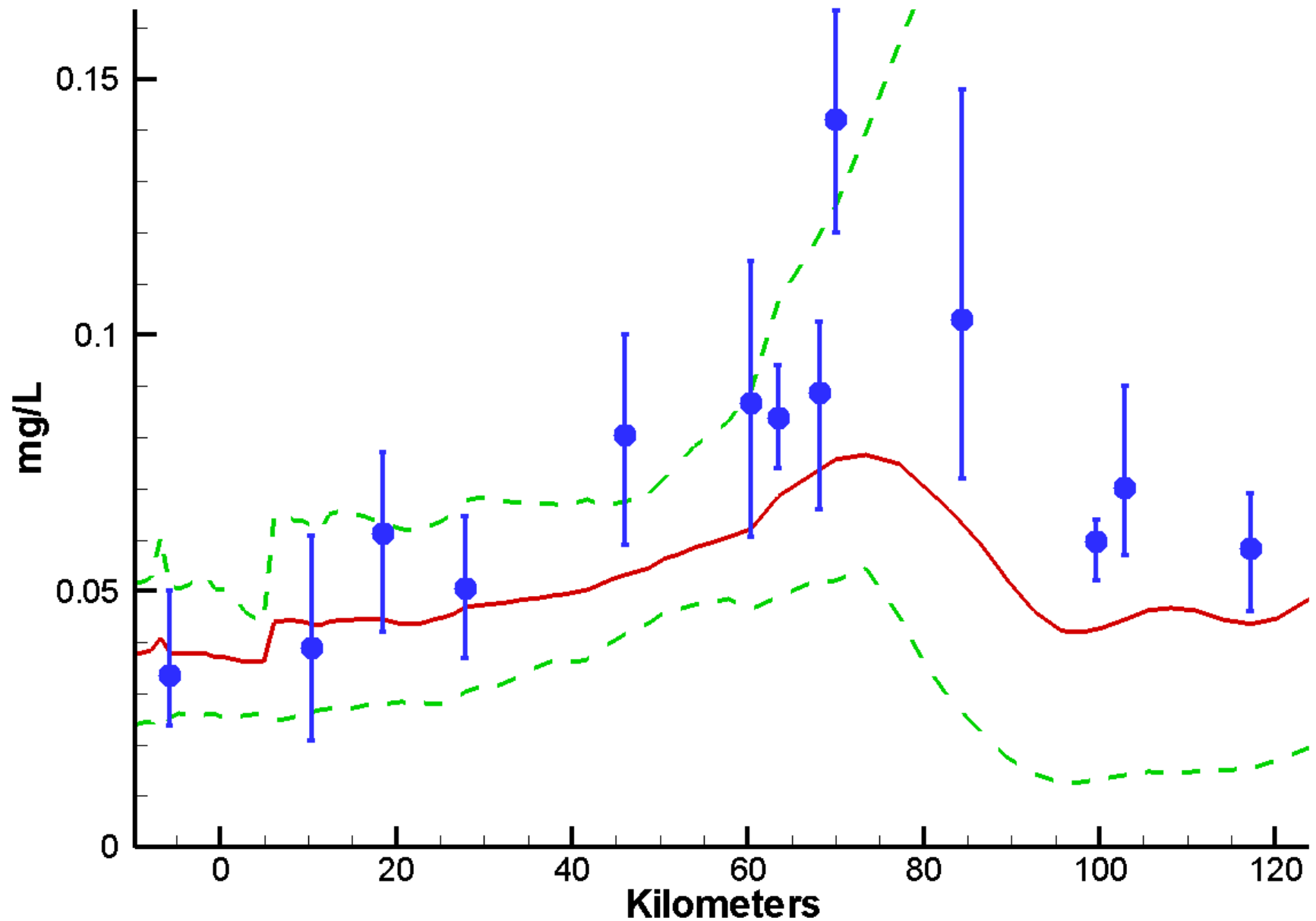
# York River Ches2015 Run118

## Surface Total Organic Carbon Fall 1994



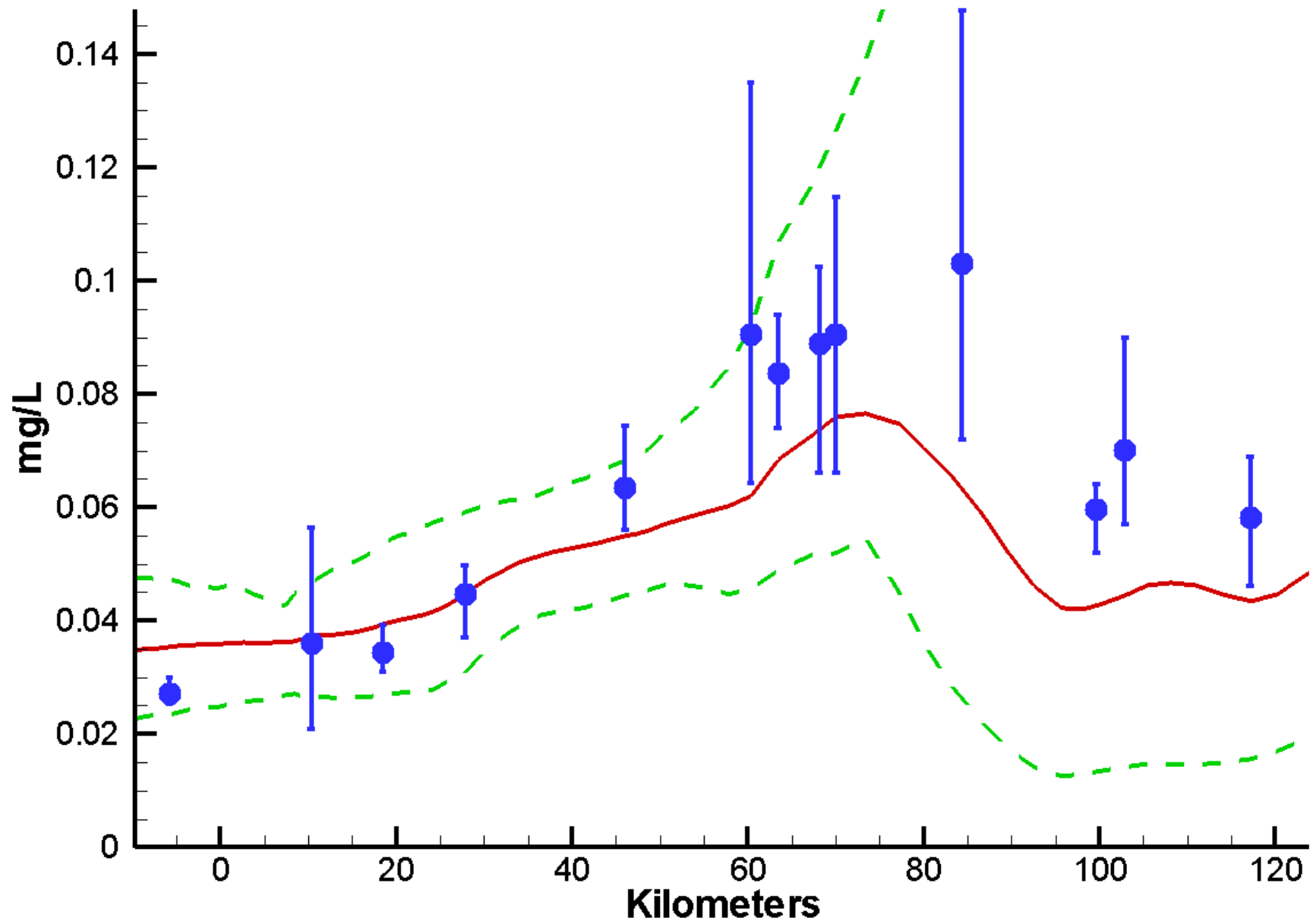
# York River Ches2015 Run118

## Bottom Total Phosphorus Fall 1994



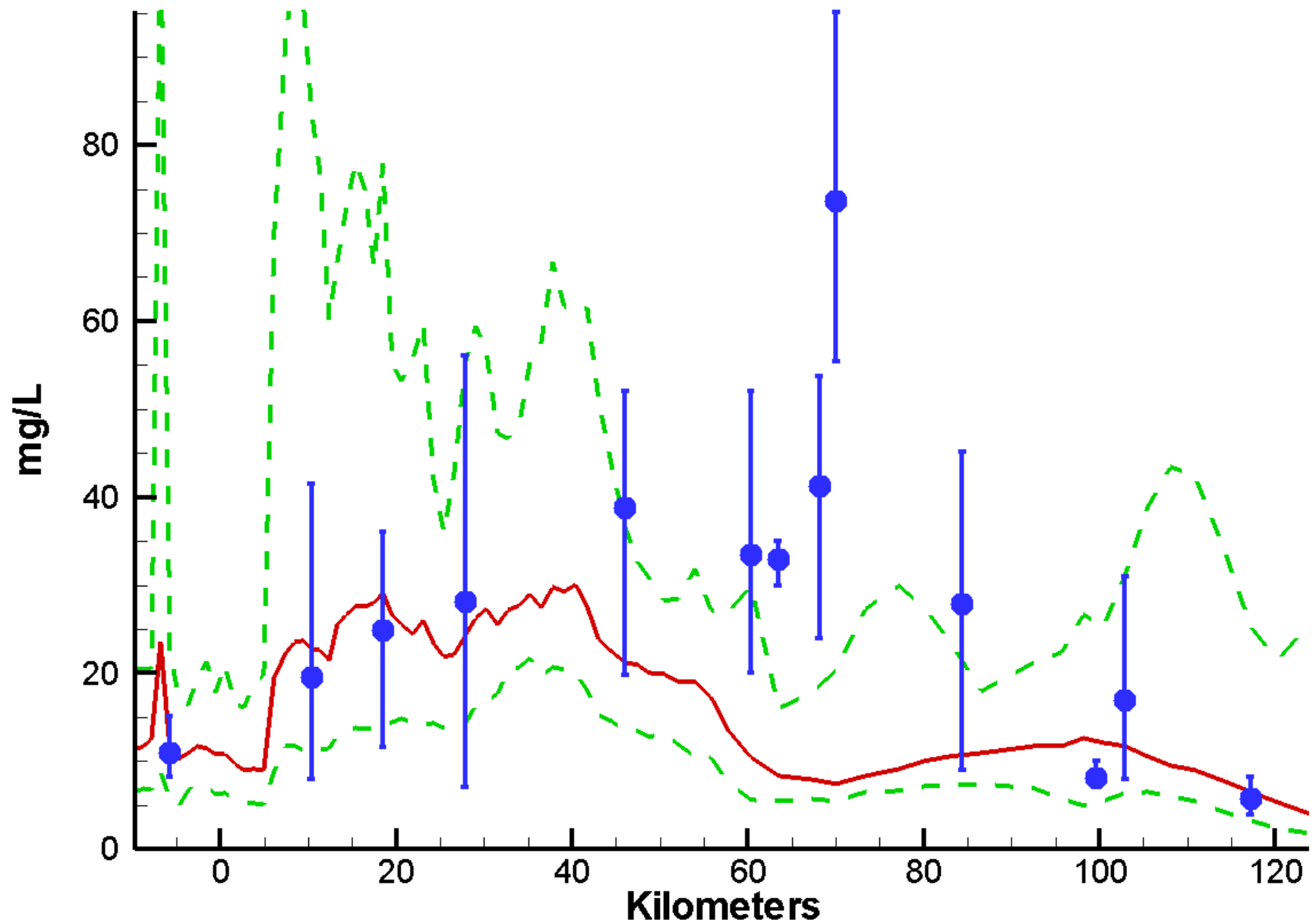
# York River Ches2015 Run118

## Surface Total Phosphorus Fall 1994



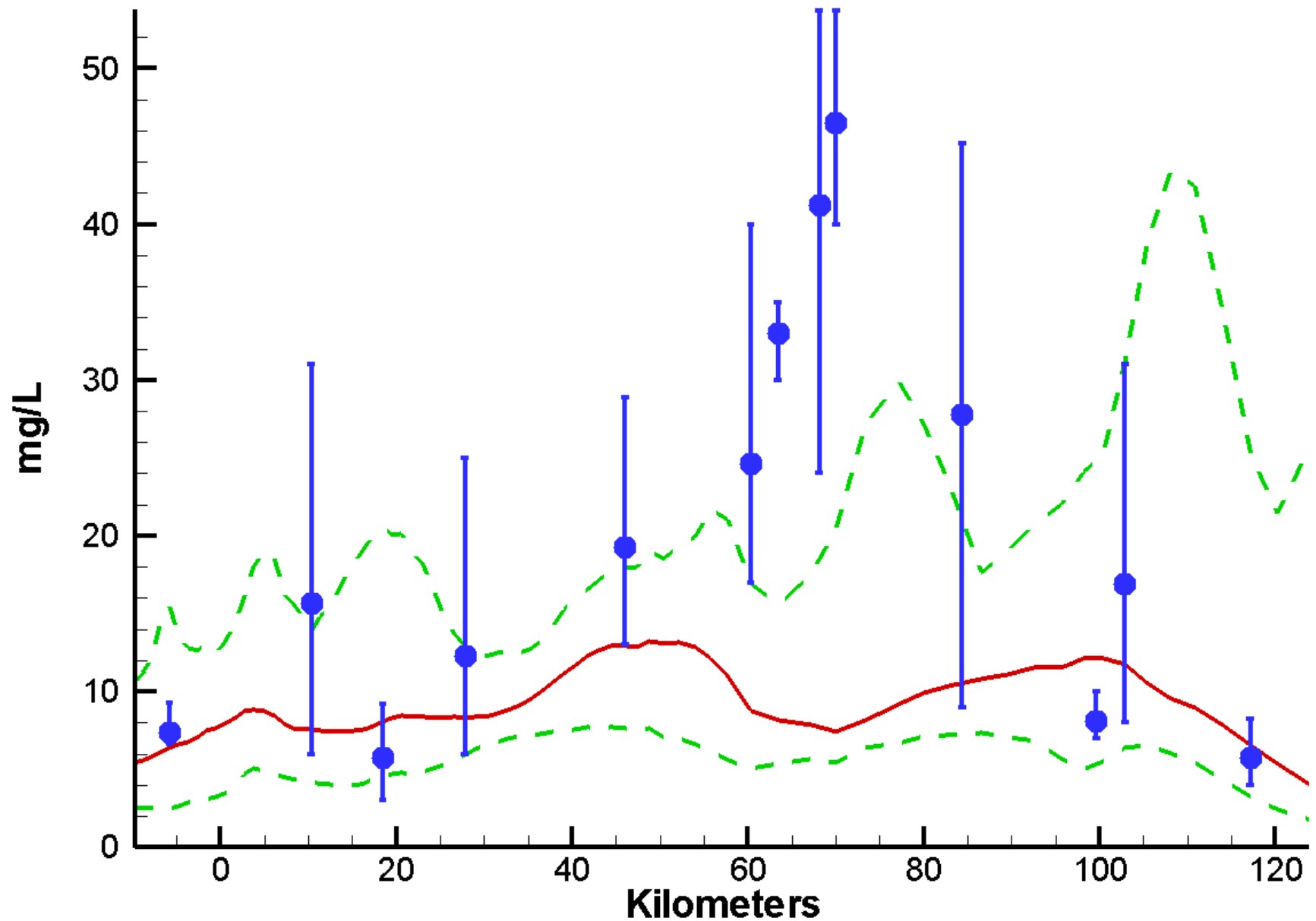
# York River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1994



# York River Ches2015 Run118

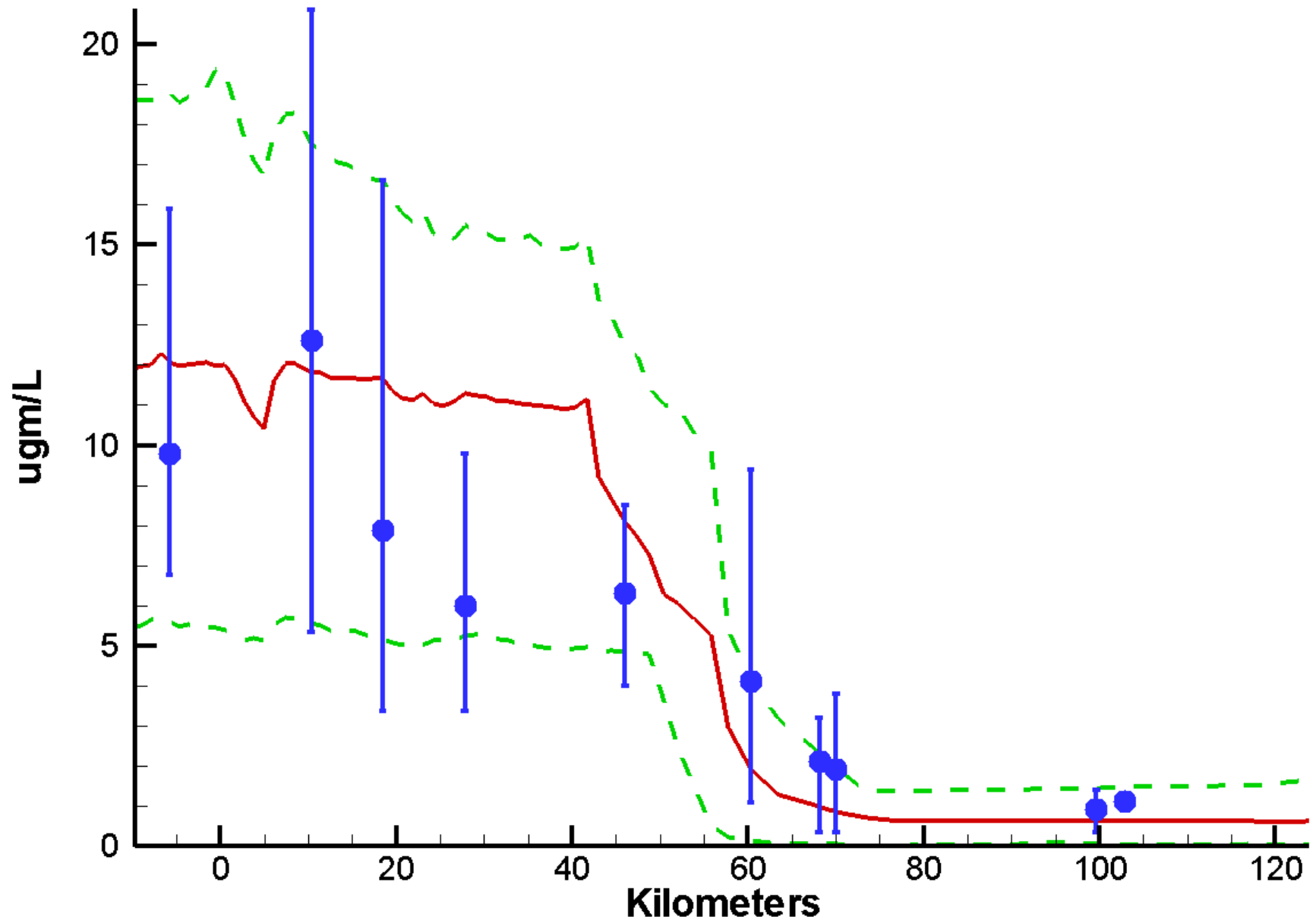
## Surface Total Suspended Solids Fall 1994



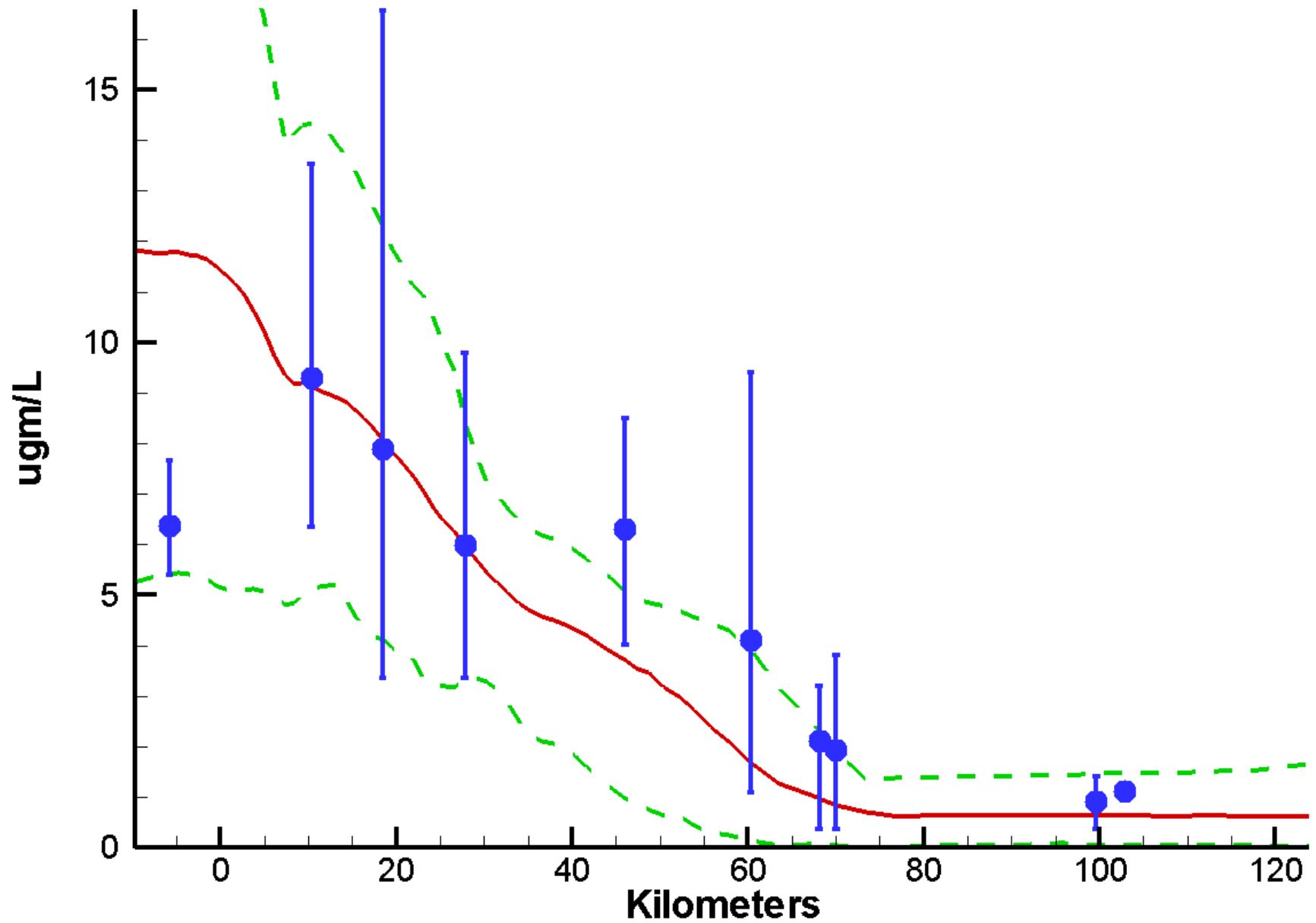


# York River Ches2015 Run118

## Bottom Chlorophyll Winter 1996

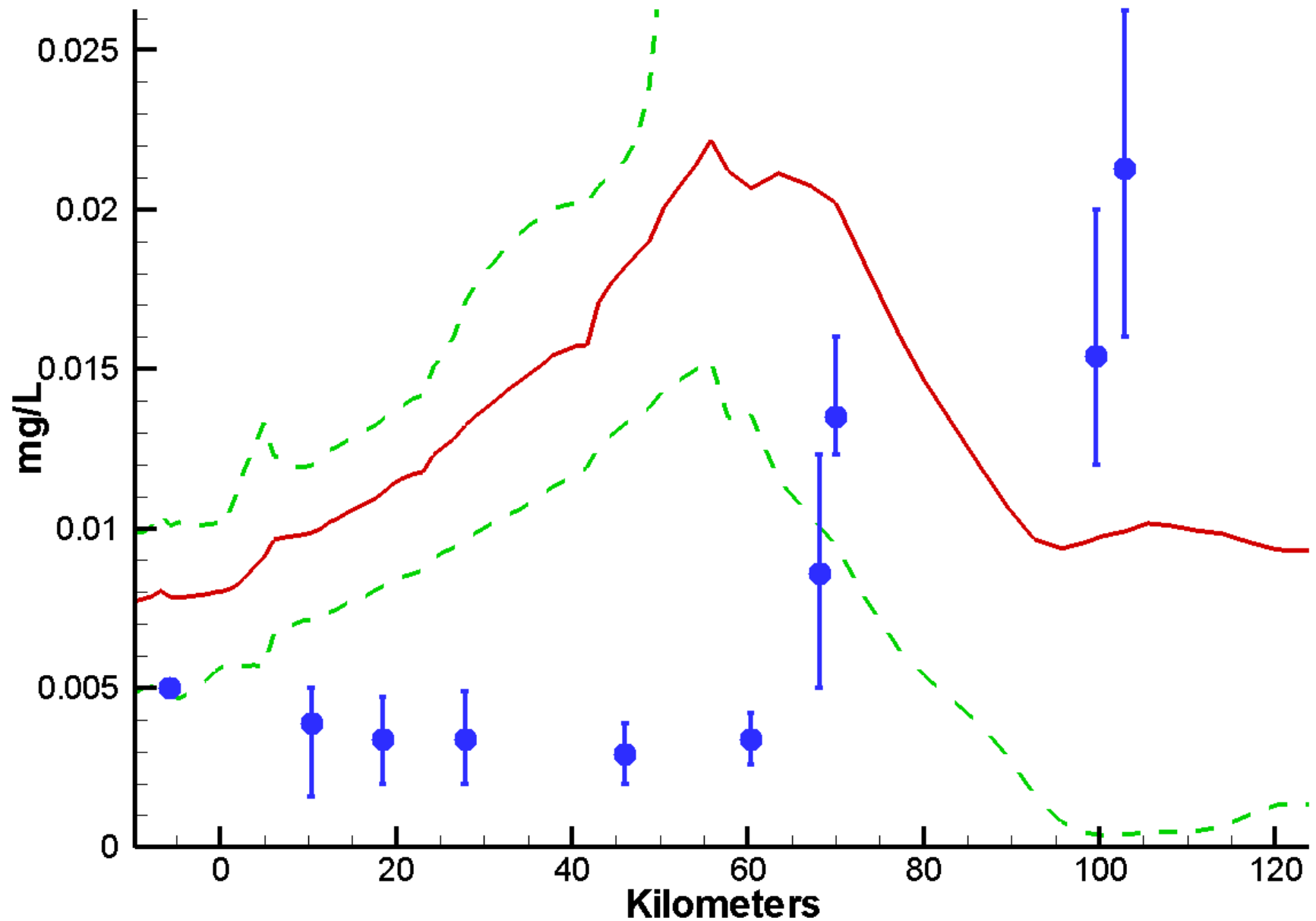


# York River Ches2015 Run118 Surface Chlorophyll Winter 1996



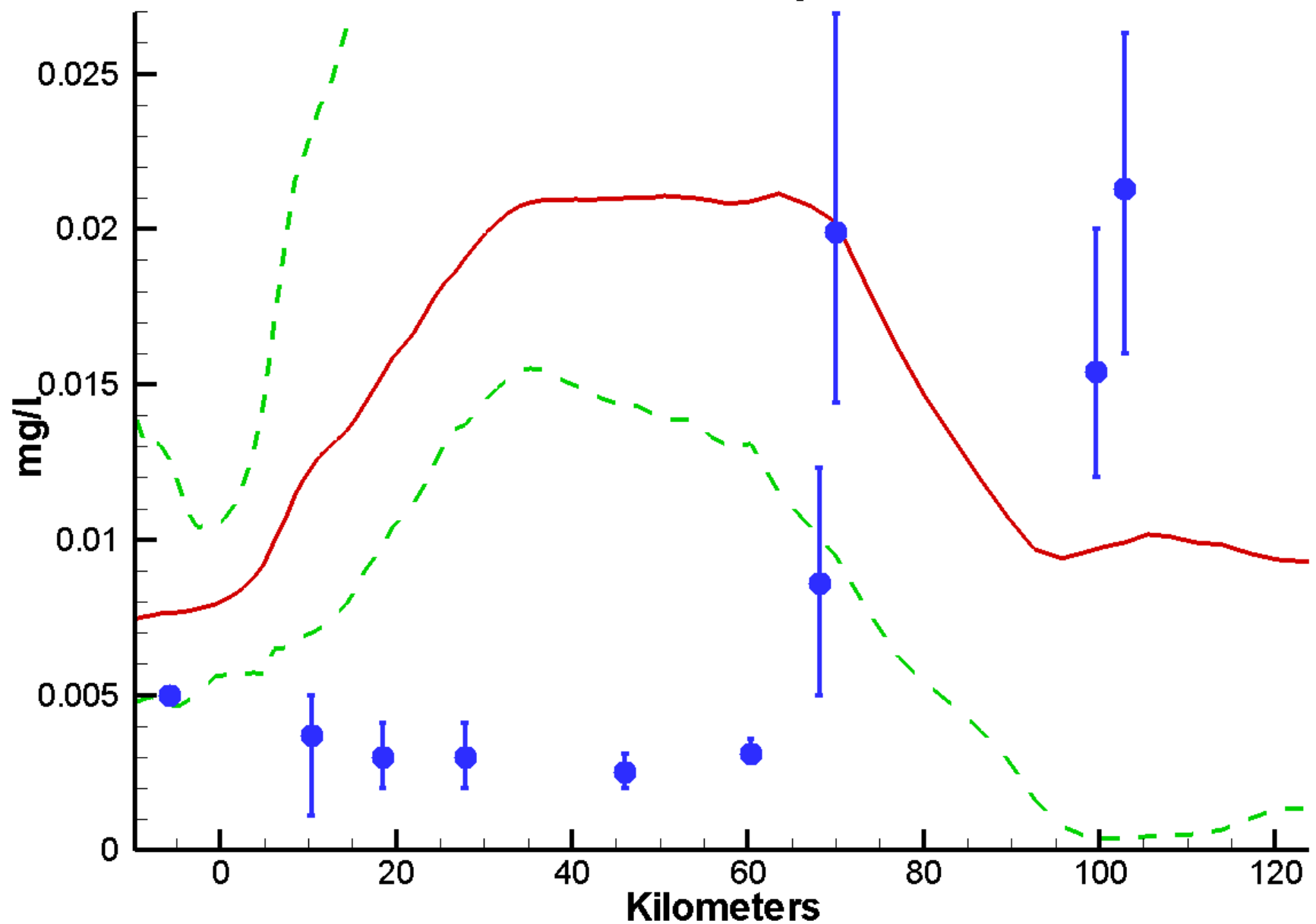
# York River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1996



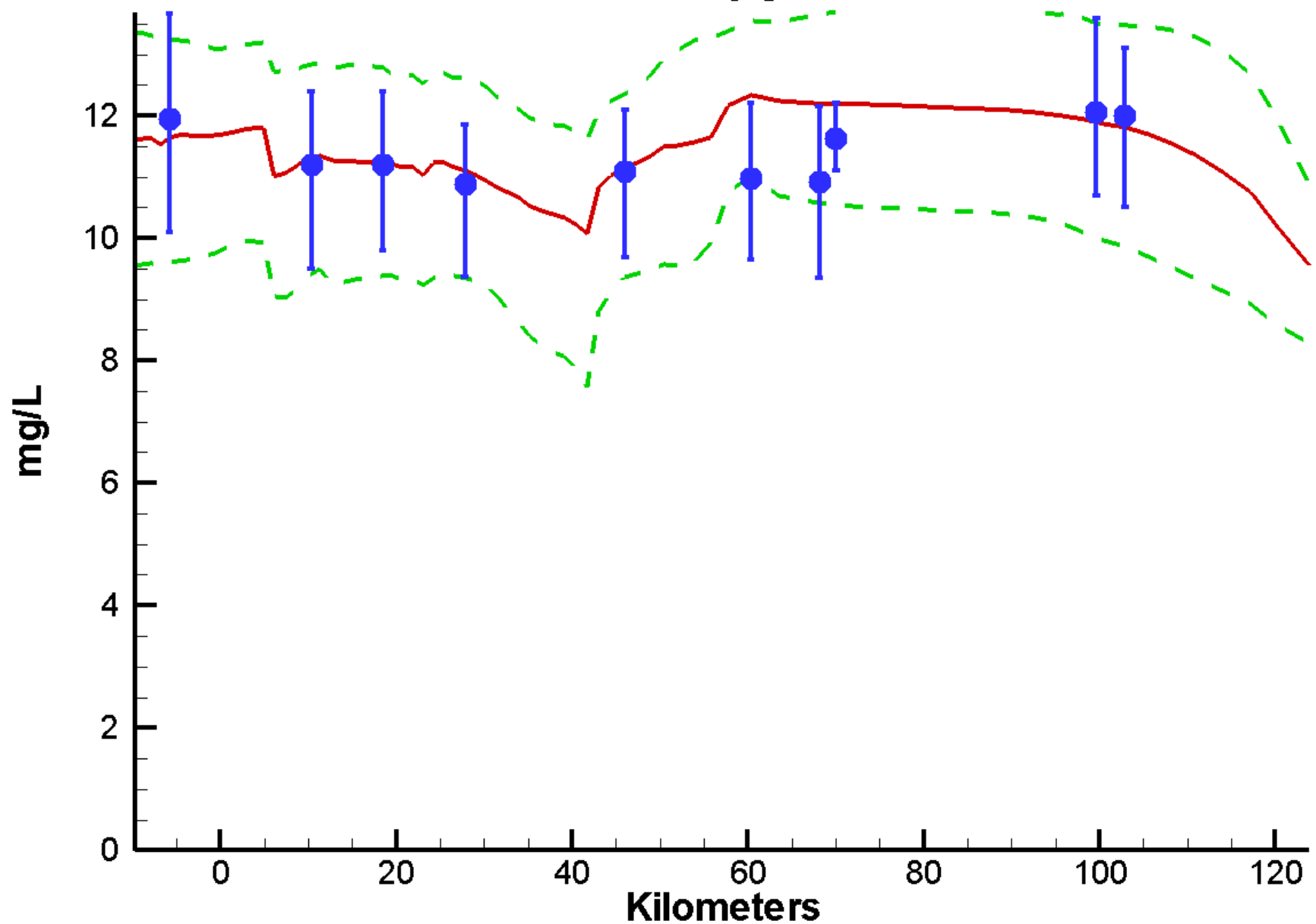
# York River Ches2015 Run118

## Surface Dissolved Phosphate Winter 1996



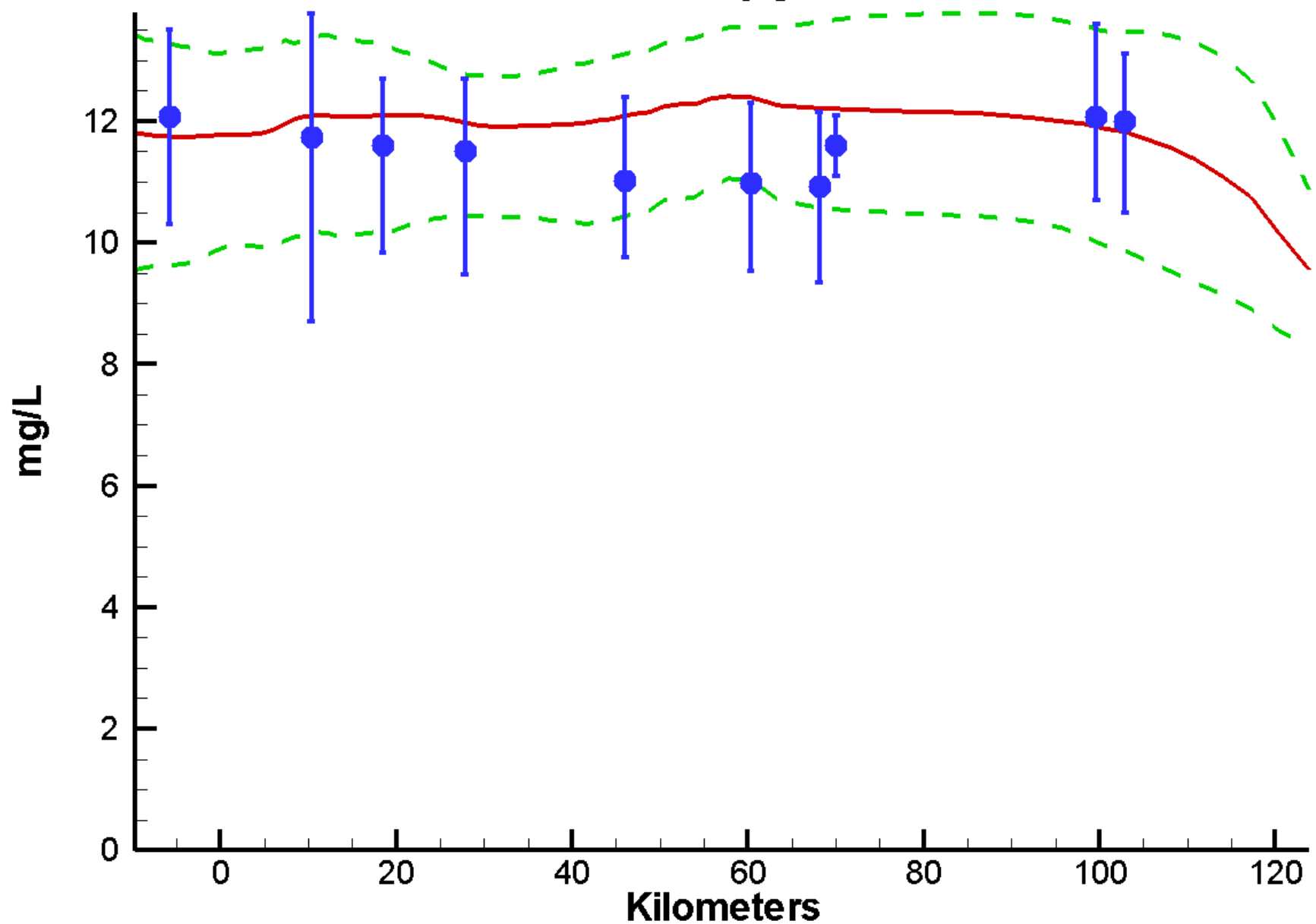
# York River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1996



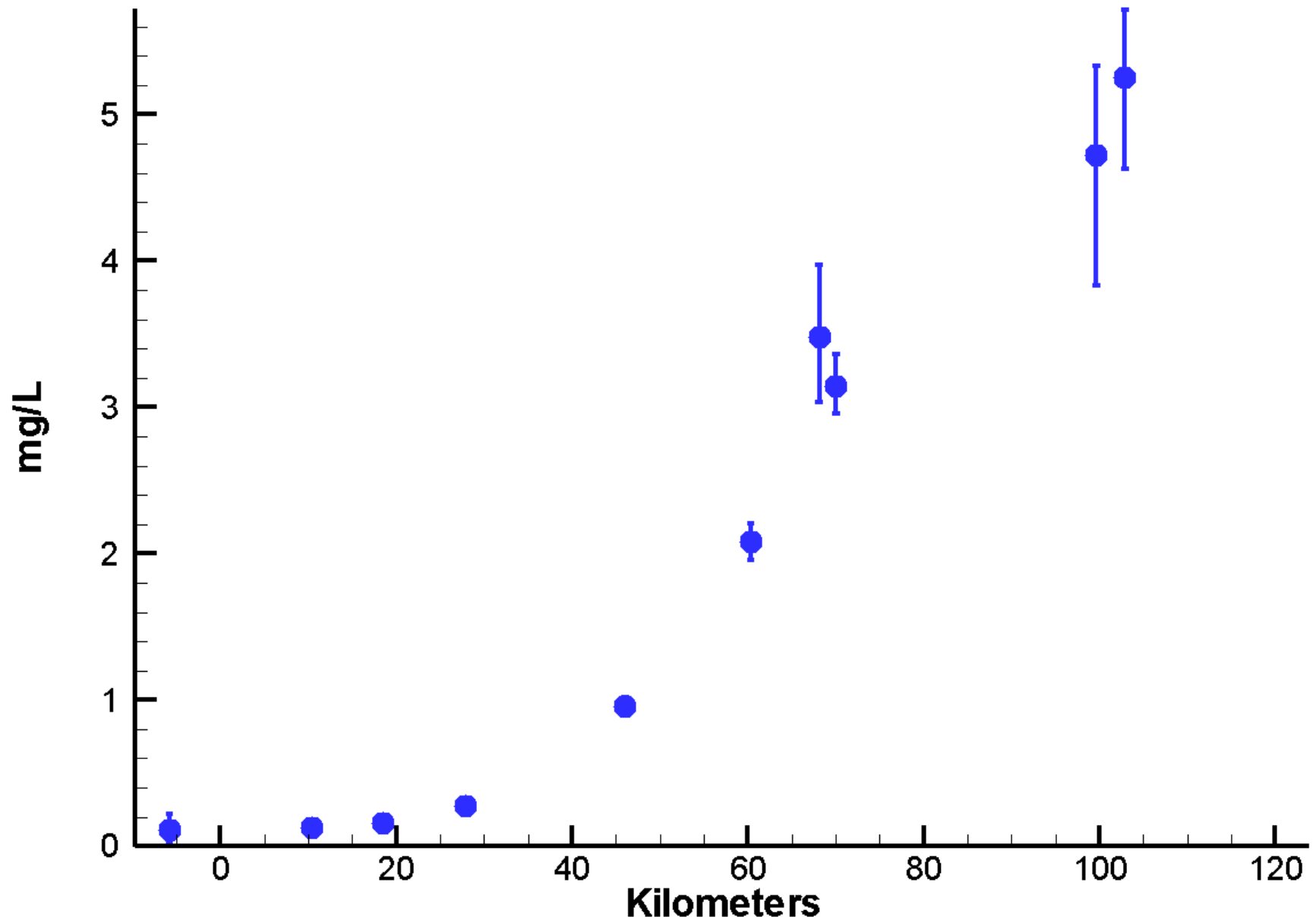
# York River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1996



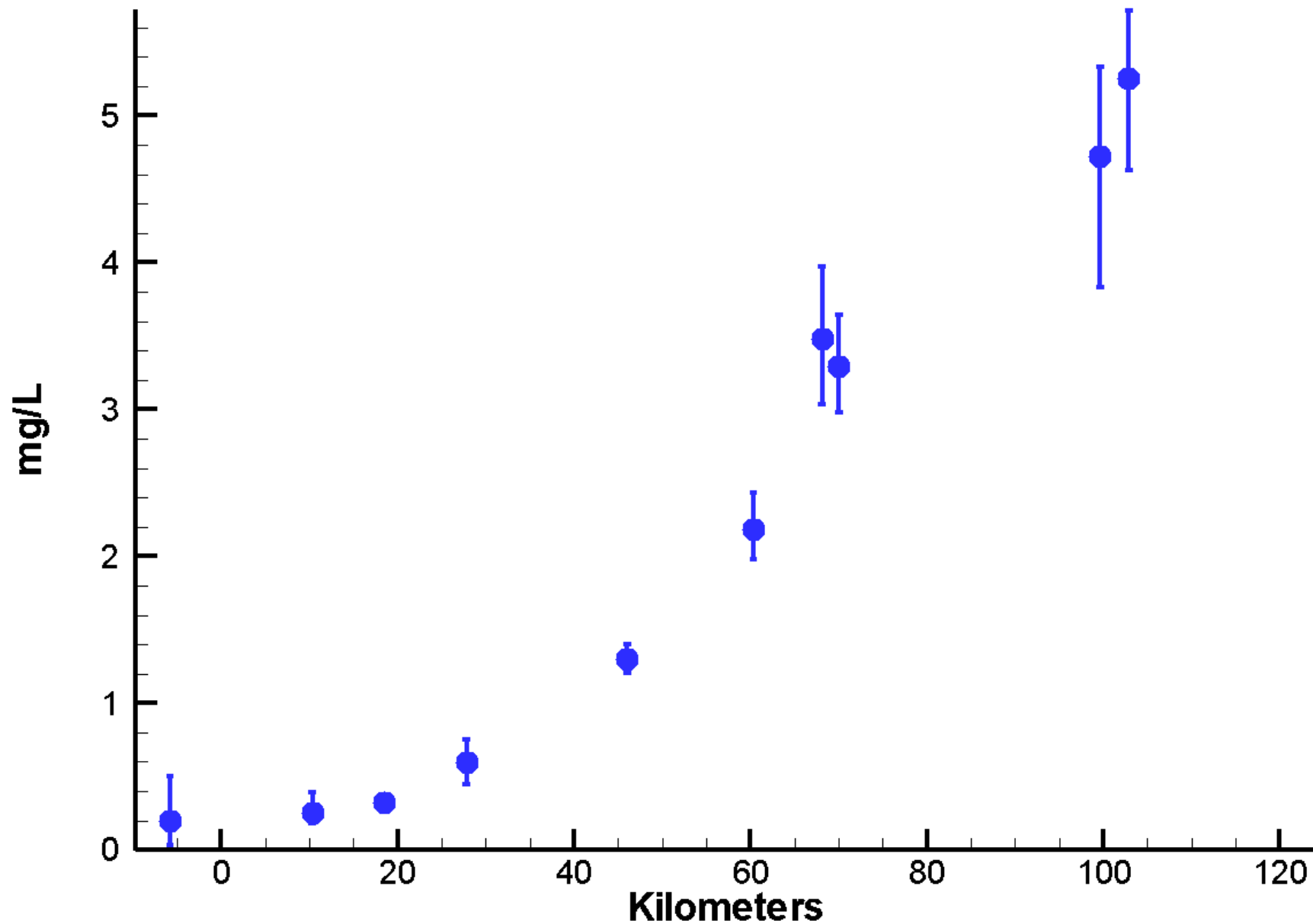
# York River Ches2015 Run118

## Bottom Dissolved Silica Winter 1996



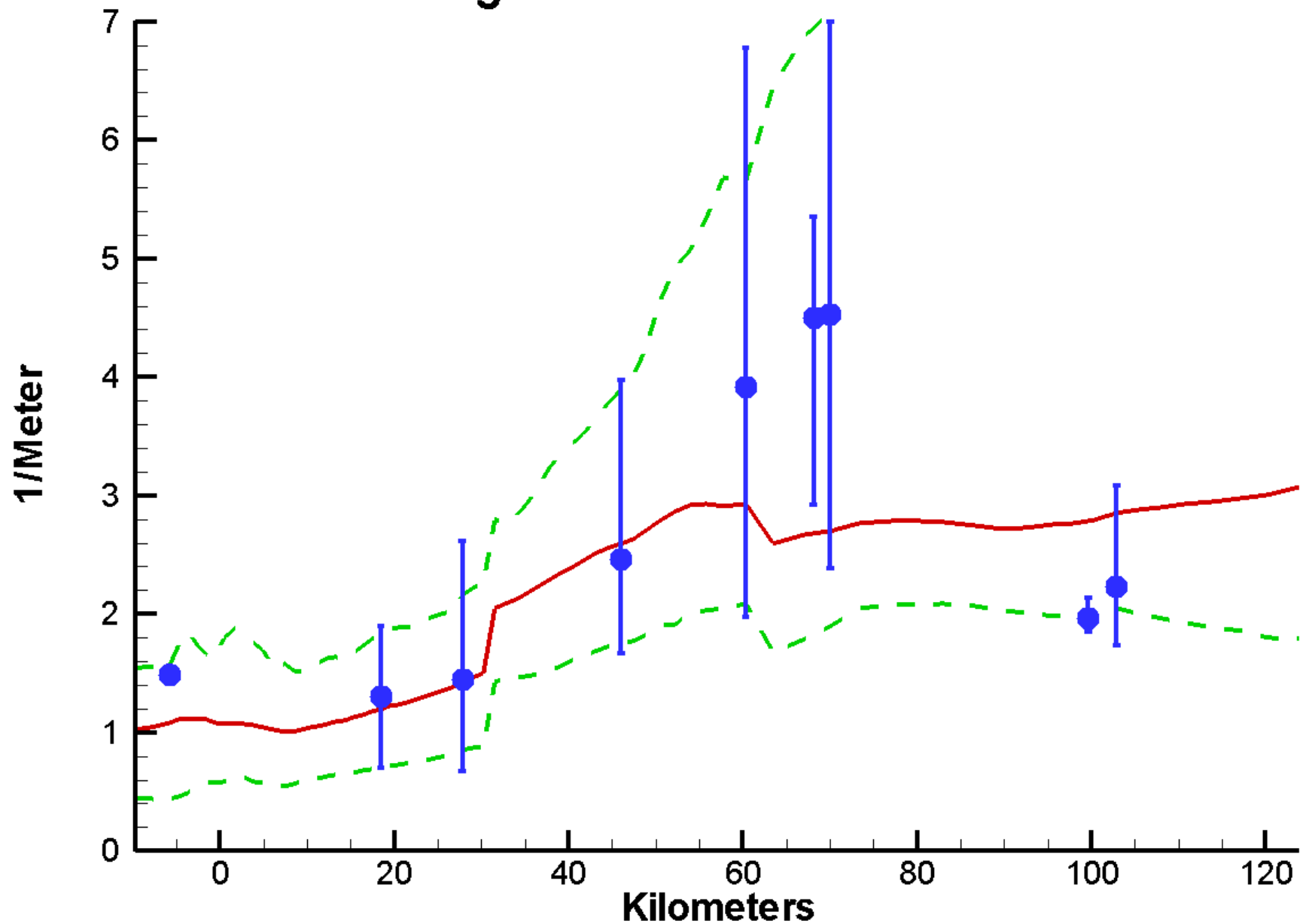
# York River Ches2015 Run118

## Surface Dissolved Silica Winter 1996



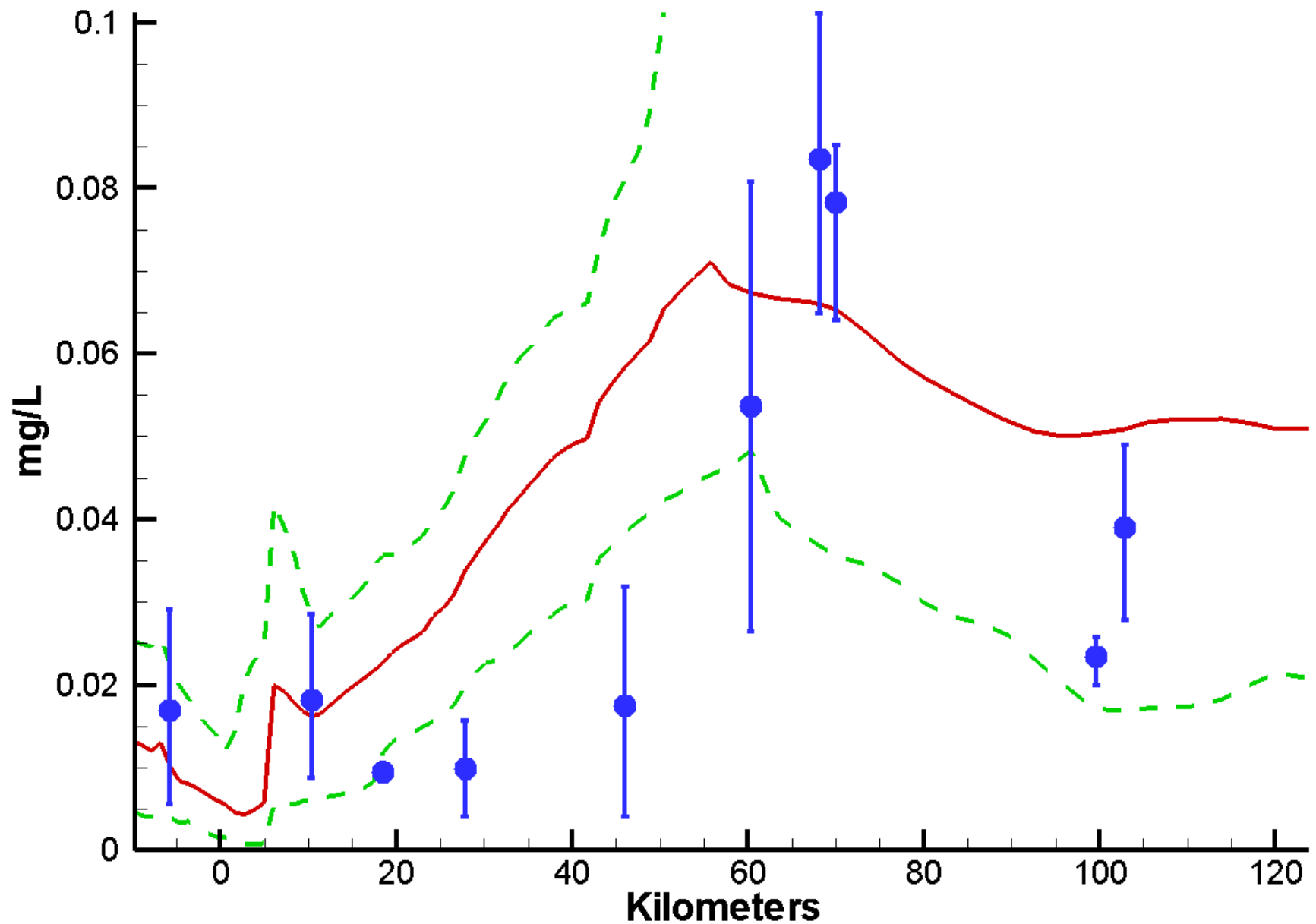


# York River Ches2015 Run118 Surface Light Extinction Winter 1996

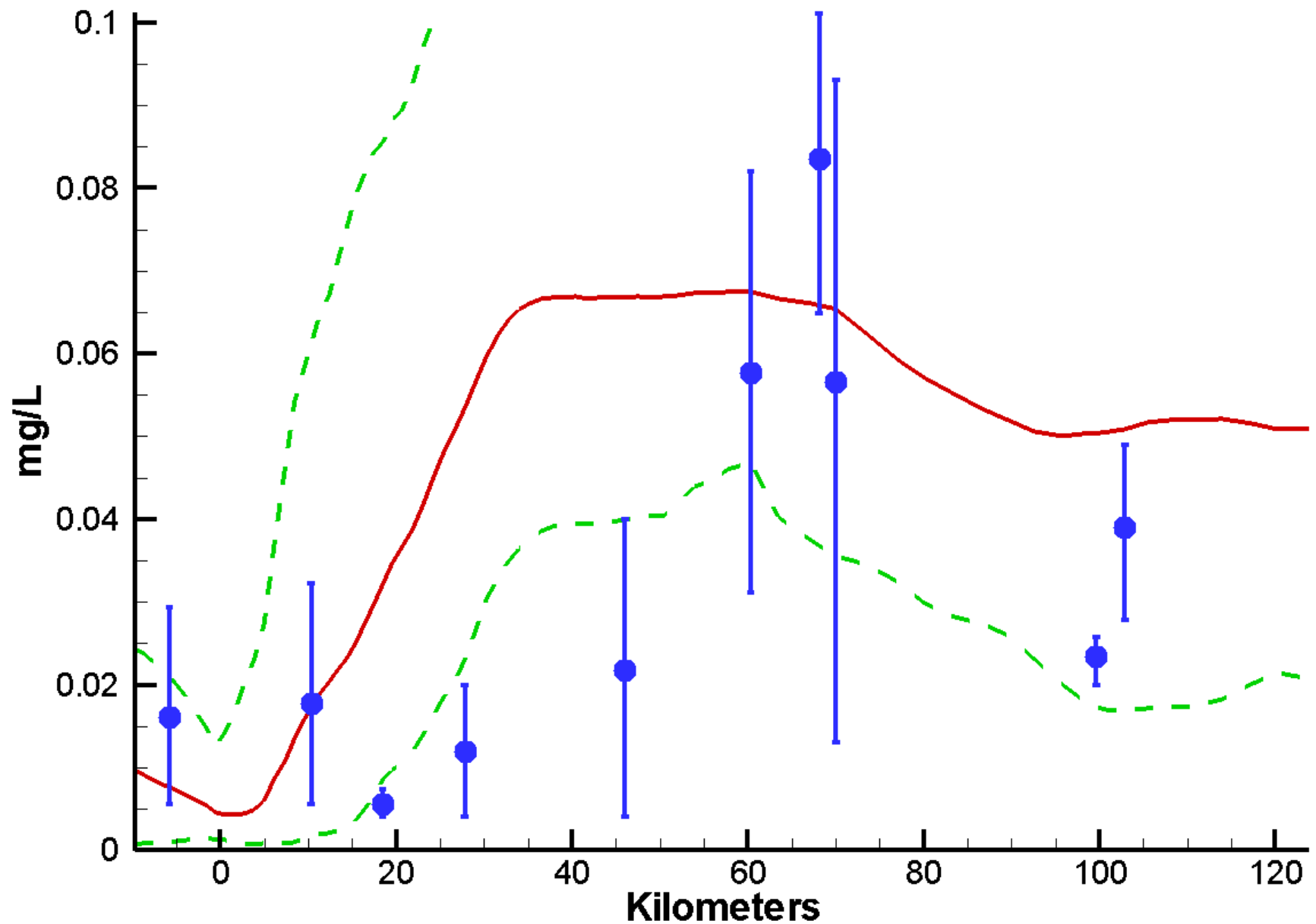


# York River Ches2015 Run118

## Bottom Ammonium Winter 1996

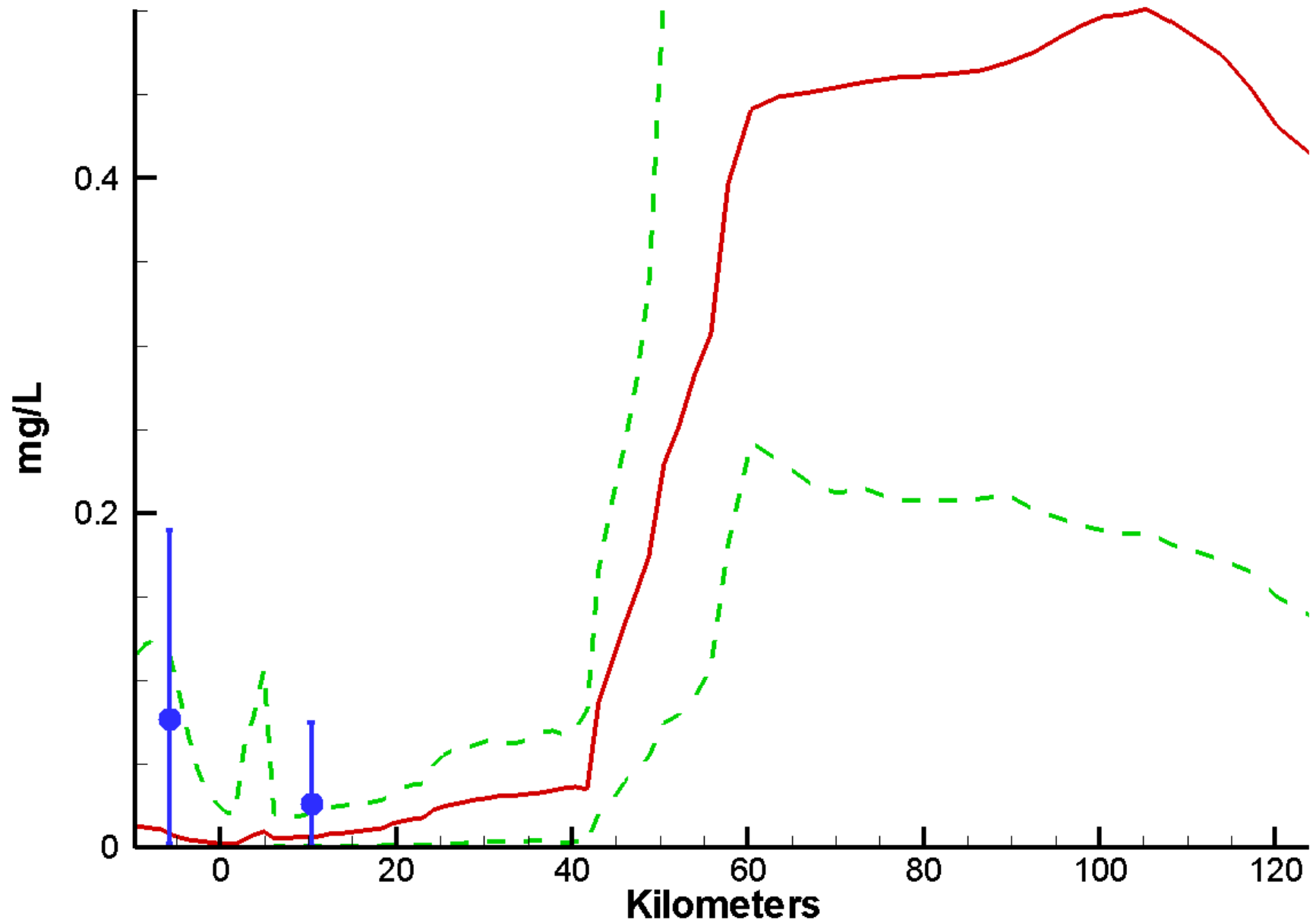


# York River Ches2015 Run118 Surface Ammonium Winter 1996



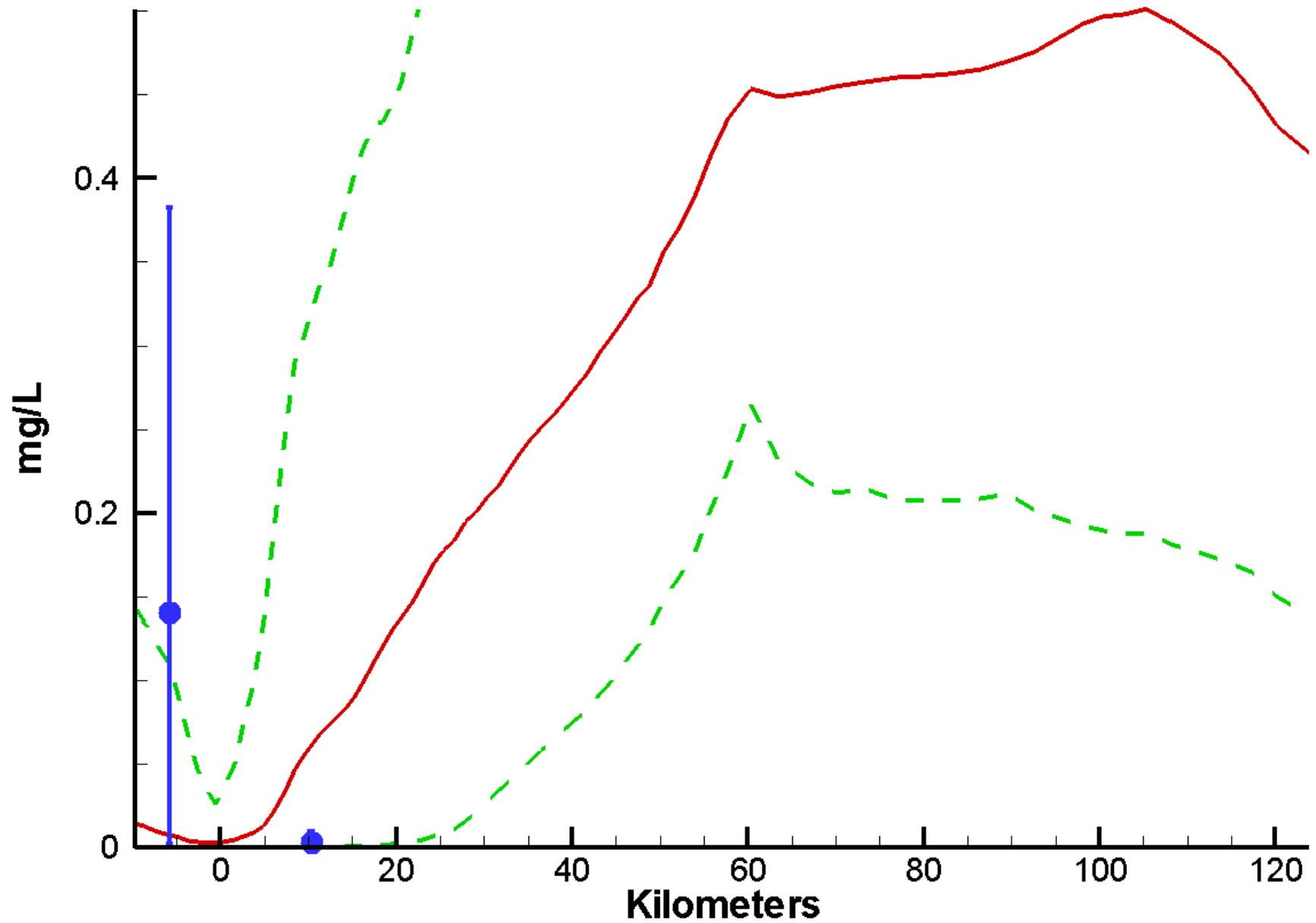
# York River Ches2015 Run118

## Bottom Nitrate Winter 1996



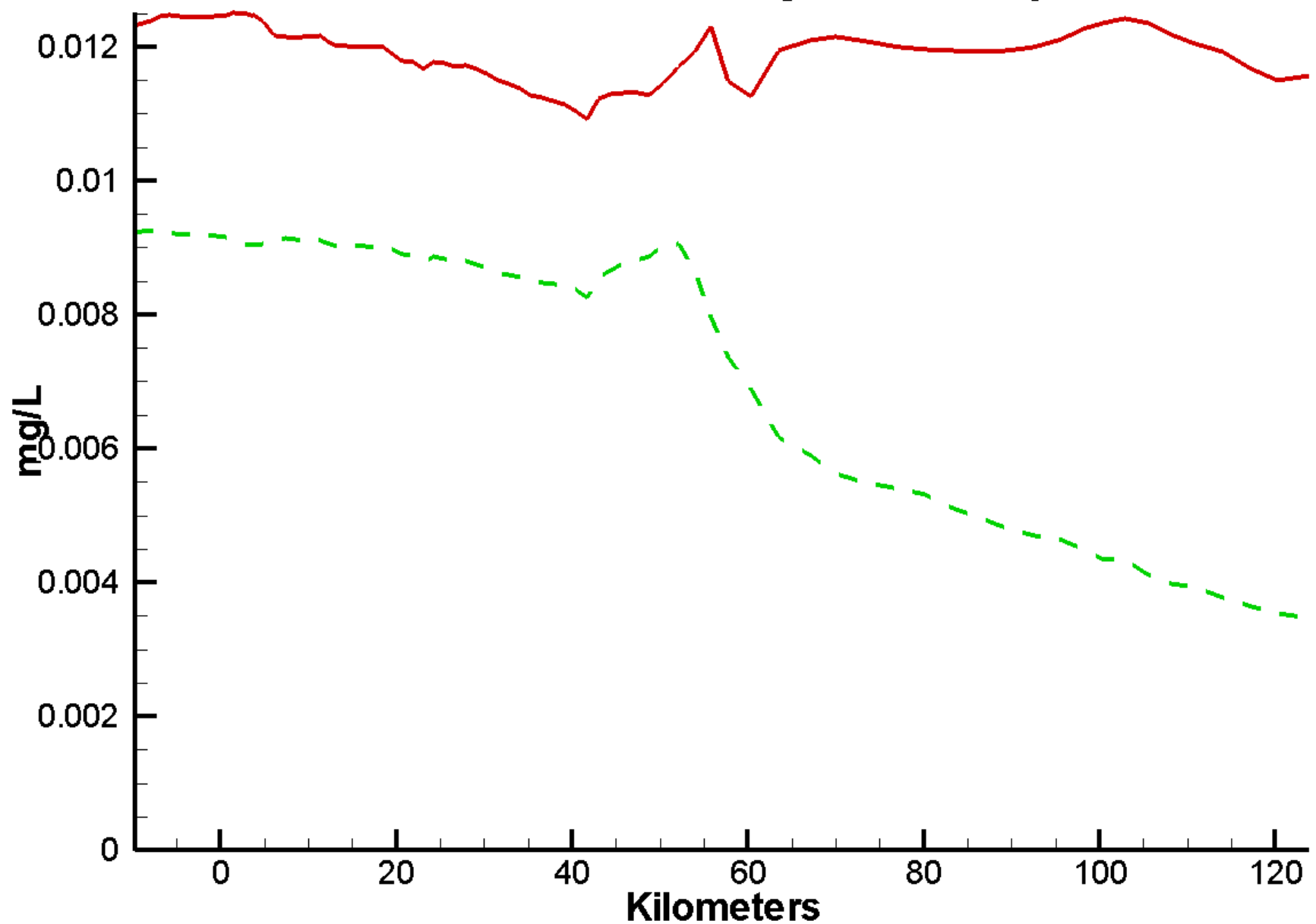
# York River Ches2015 Run118

## Surface Nitrate Winter 1996



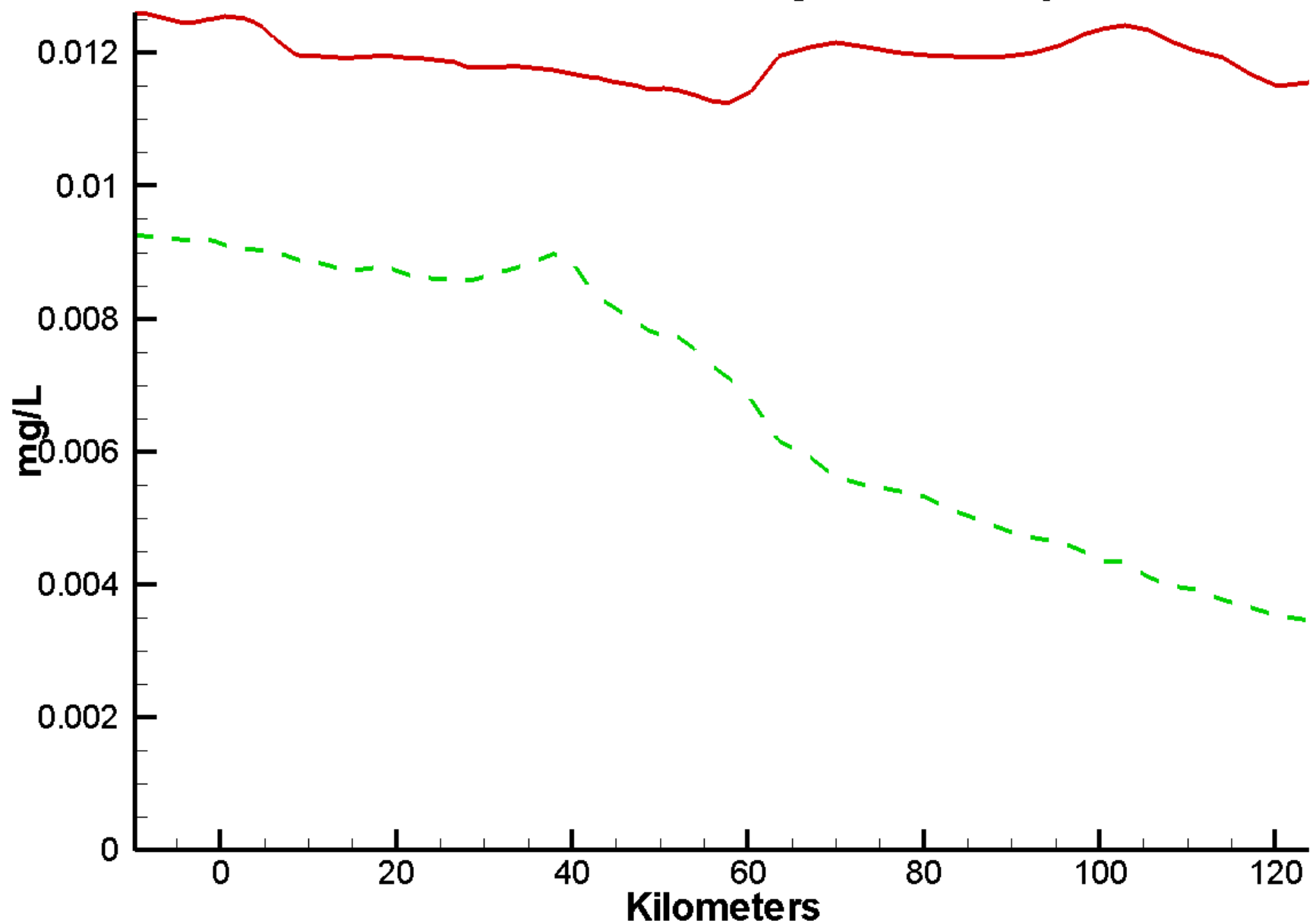
# York River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1996



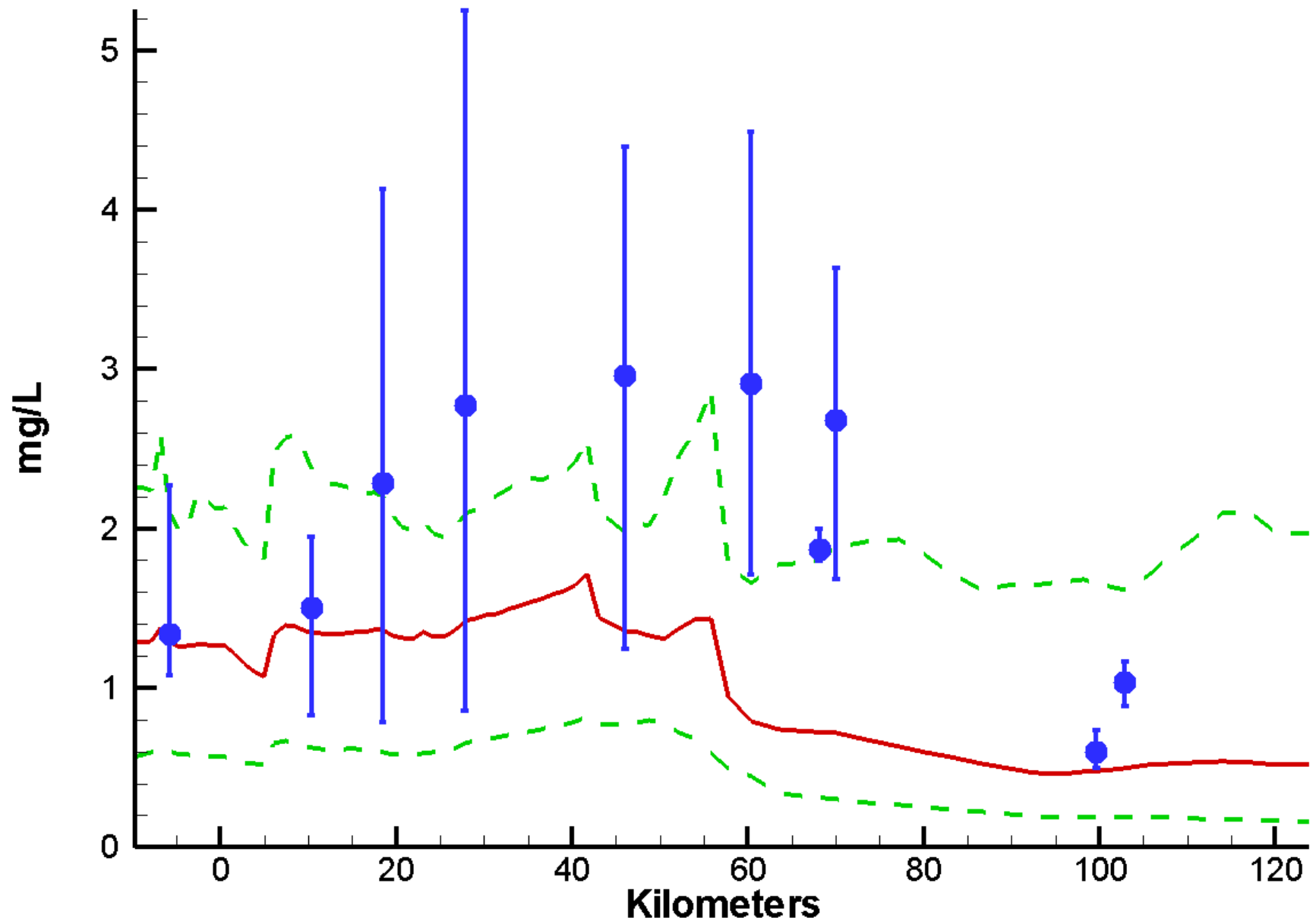
# York River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1996



# York River Ches2015 Run118

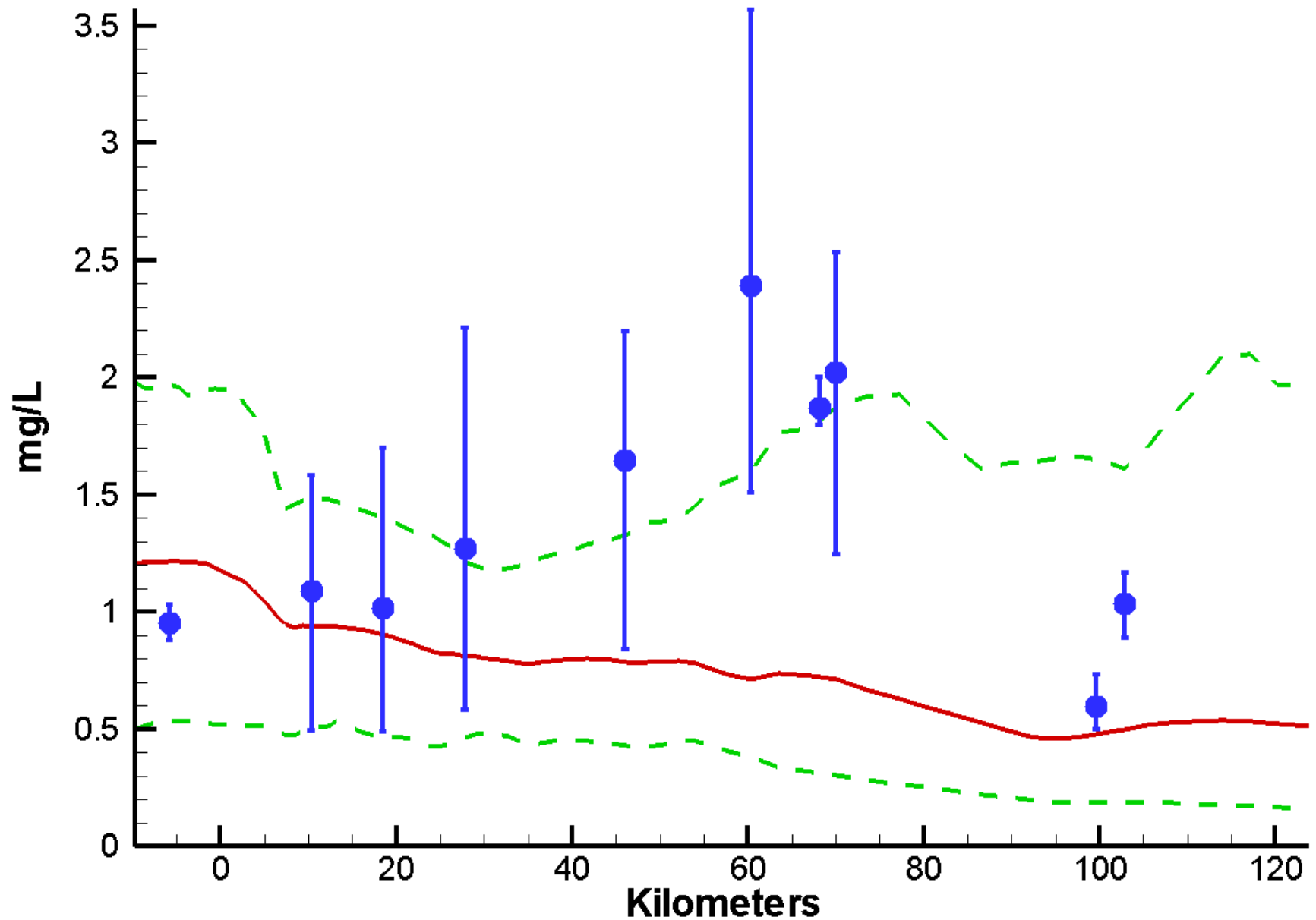
## Bottom Particulate Organic Carbon Winter 1996





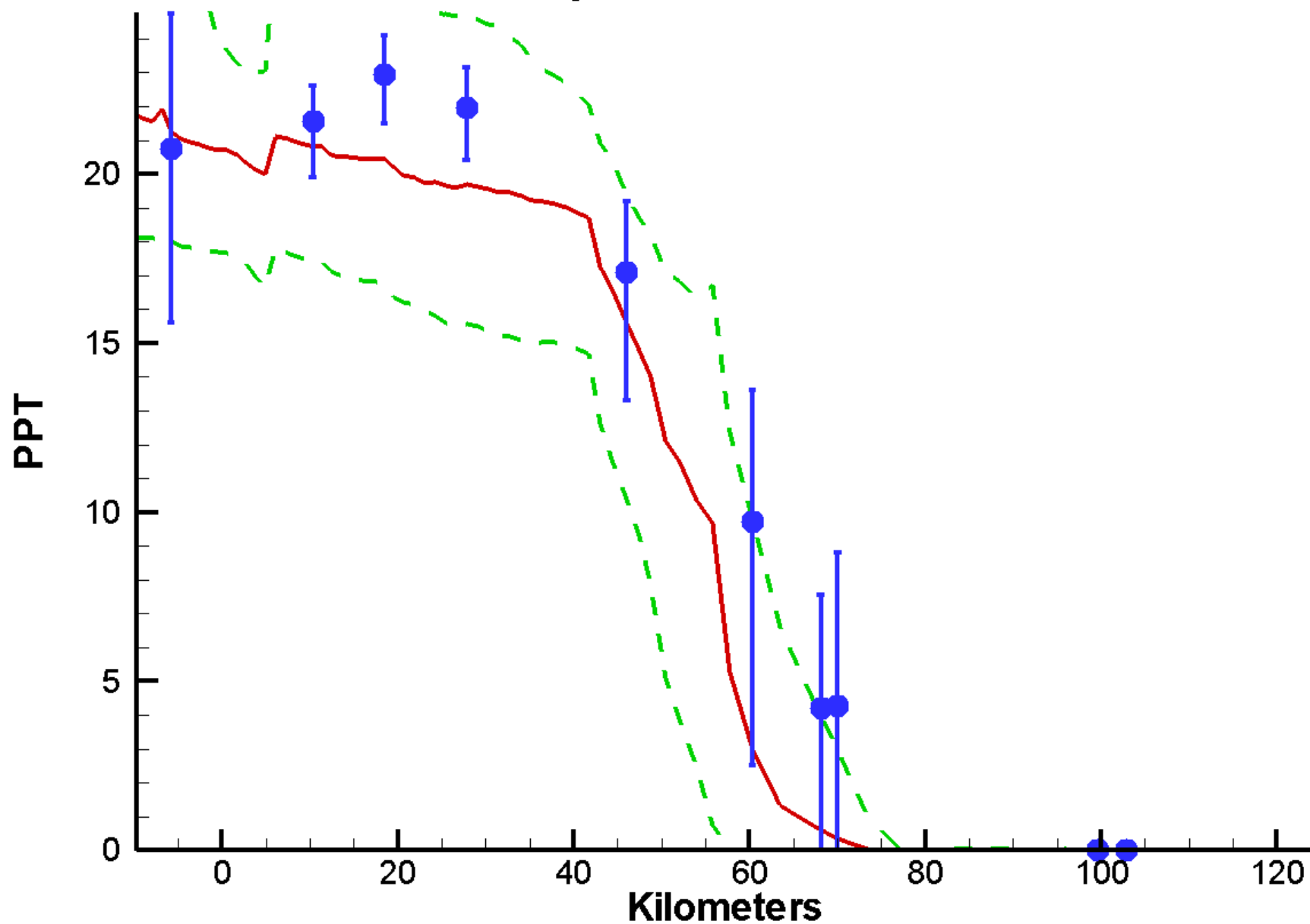
# York River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1996



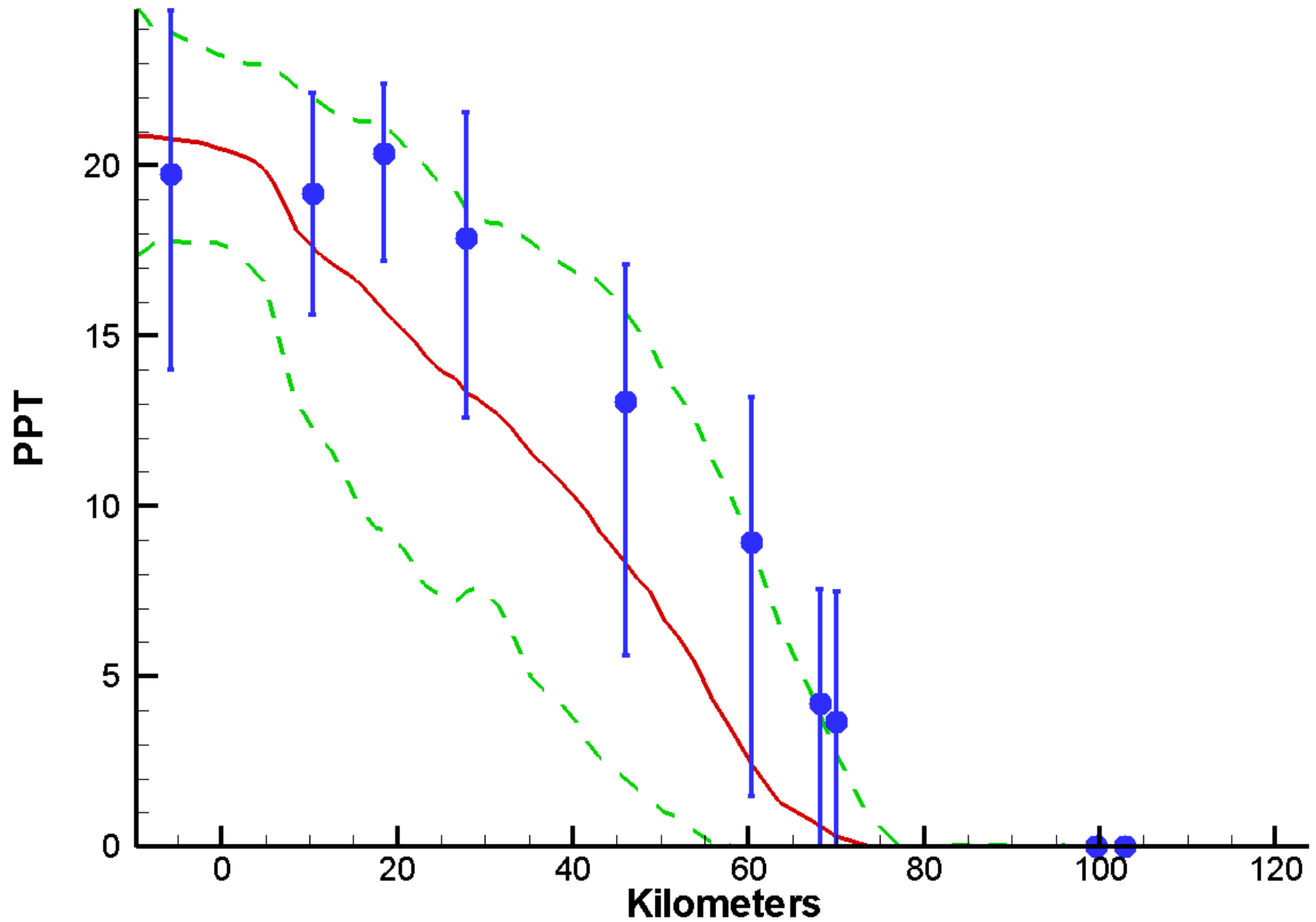
# York River Ches2015 Run118

## Bottom Salinity Winter 1996



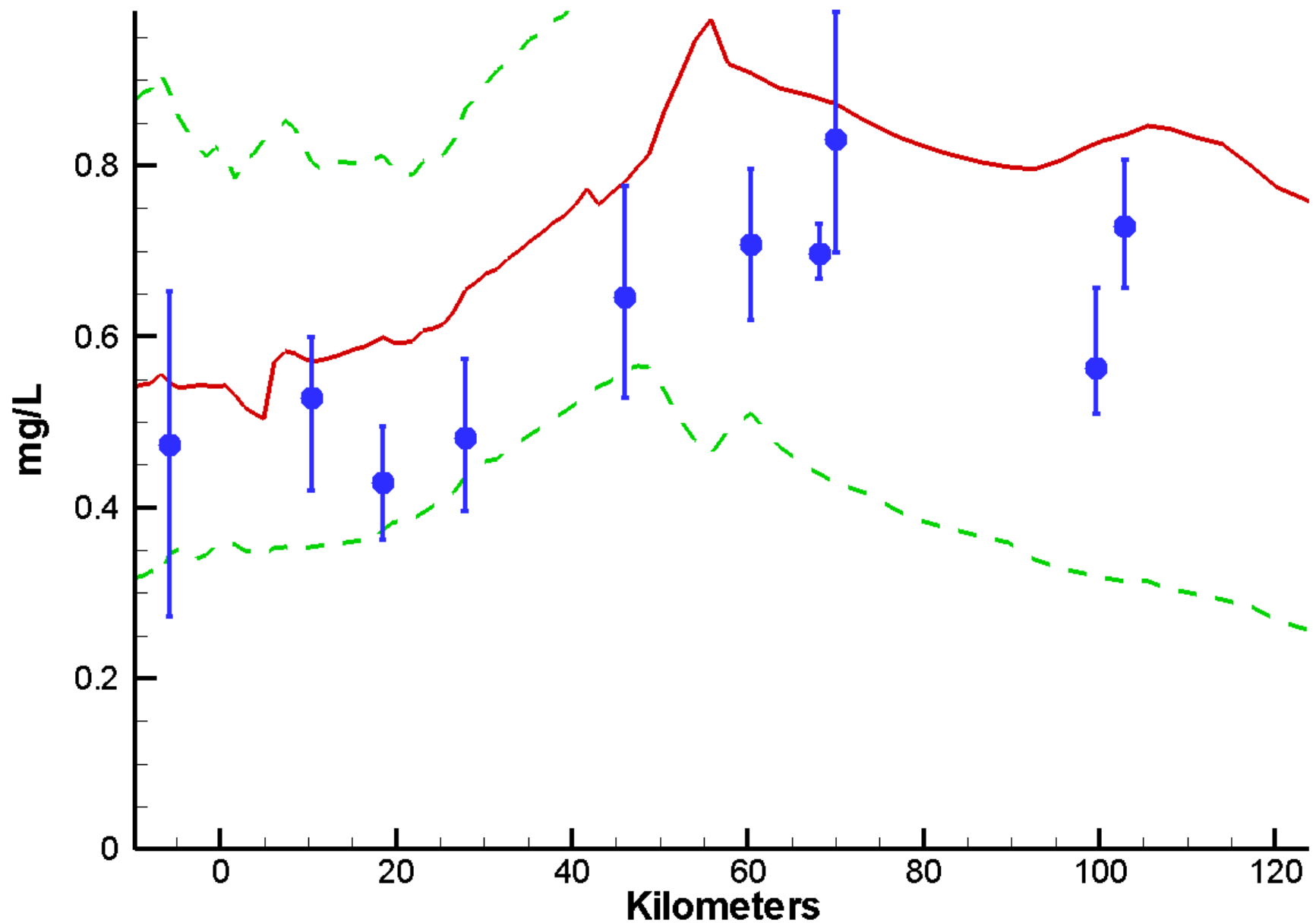
# York River Ches2015 Run118

## Surface Salinity Winter 1996



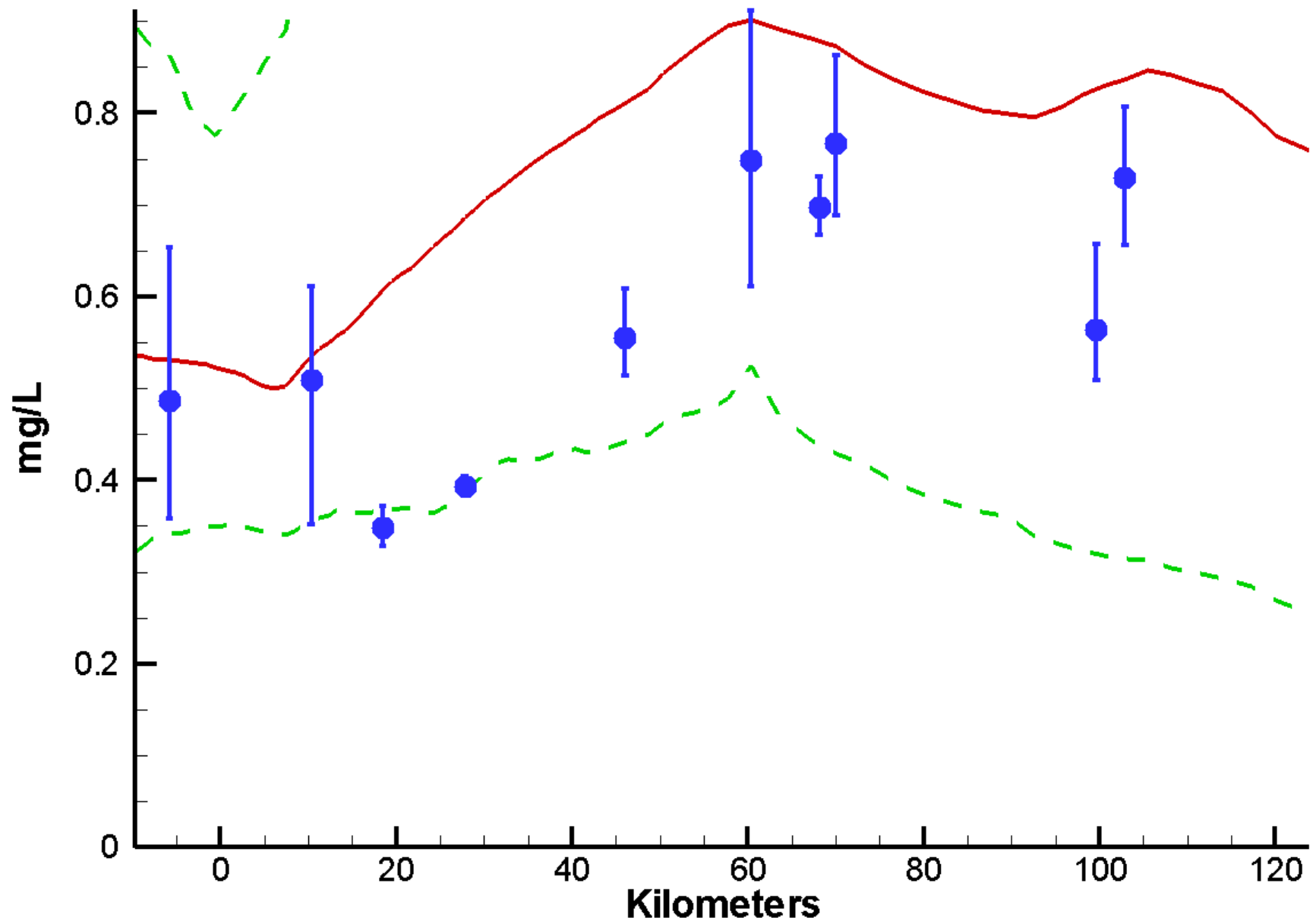
# York River Ches2015 Run118

## Bottom Total Nitrogen Winter 1996



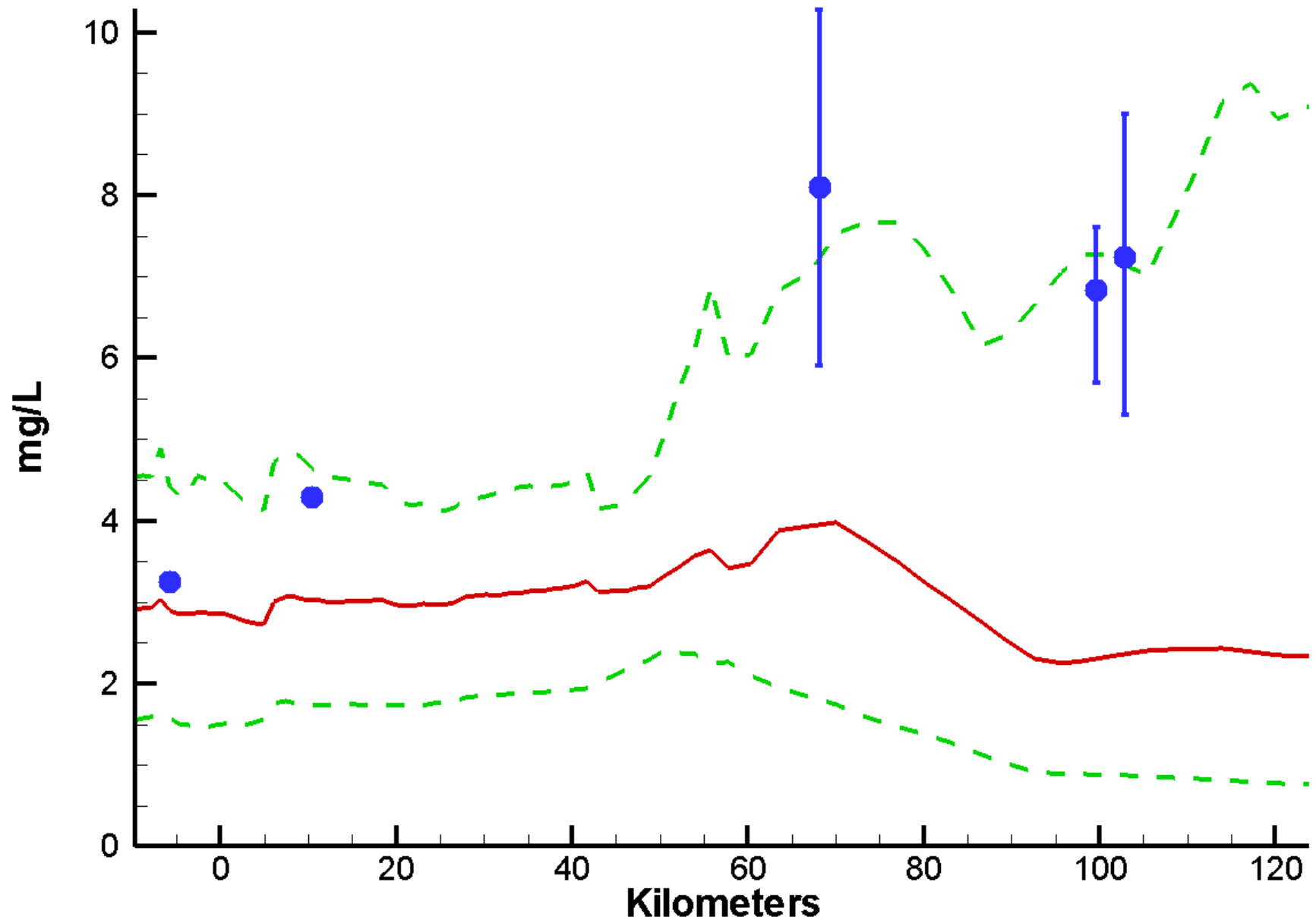
# York River Ches2015 Run118

## Surface Total Nitrogen Winter 1996



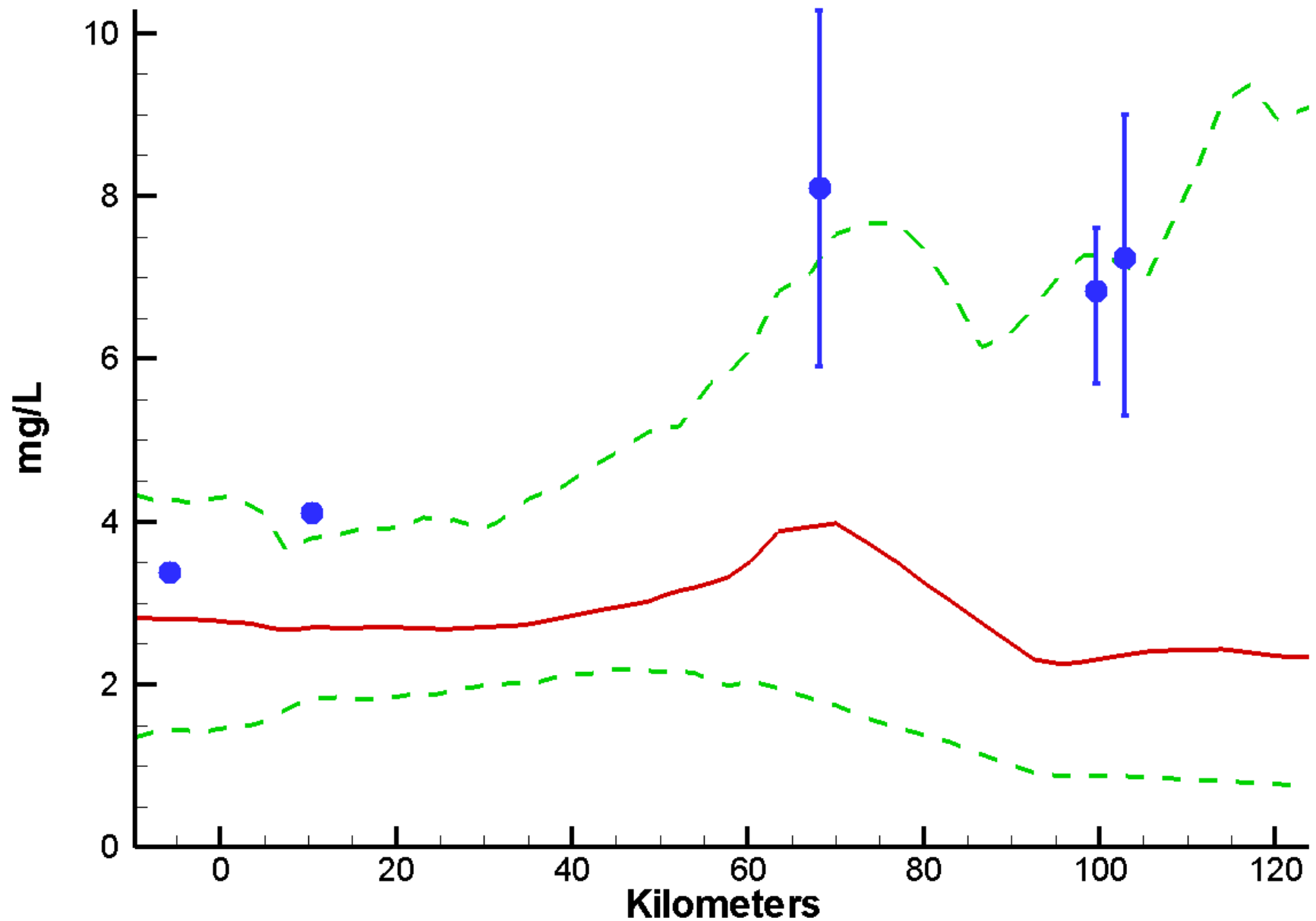
# York River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1996



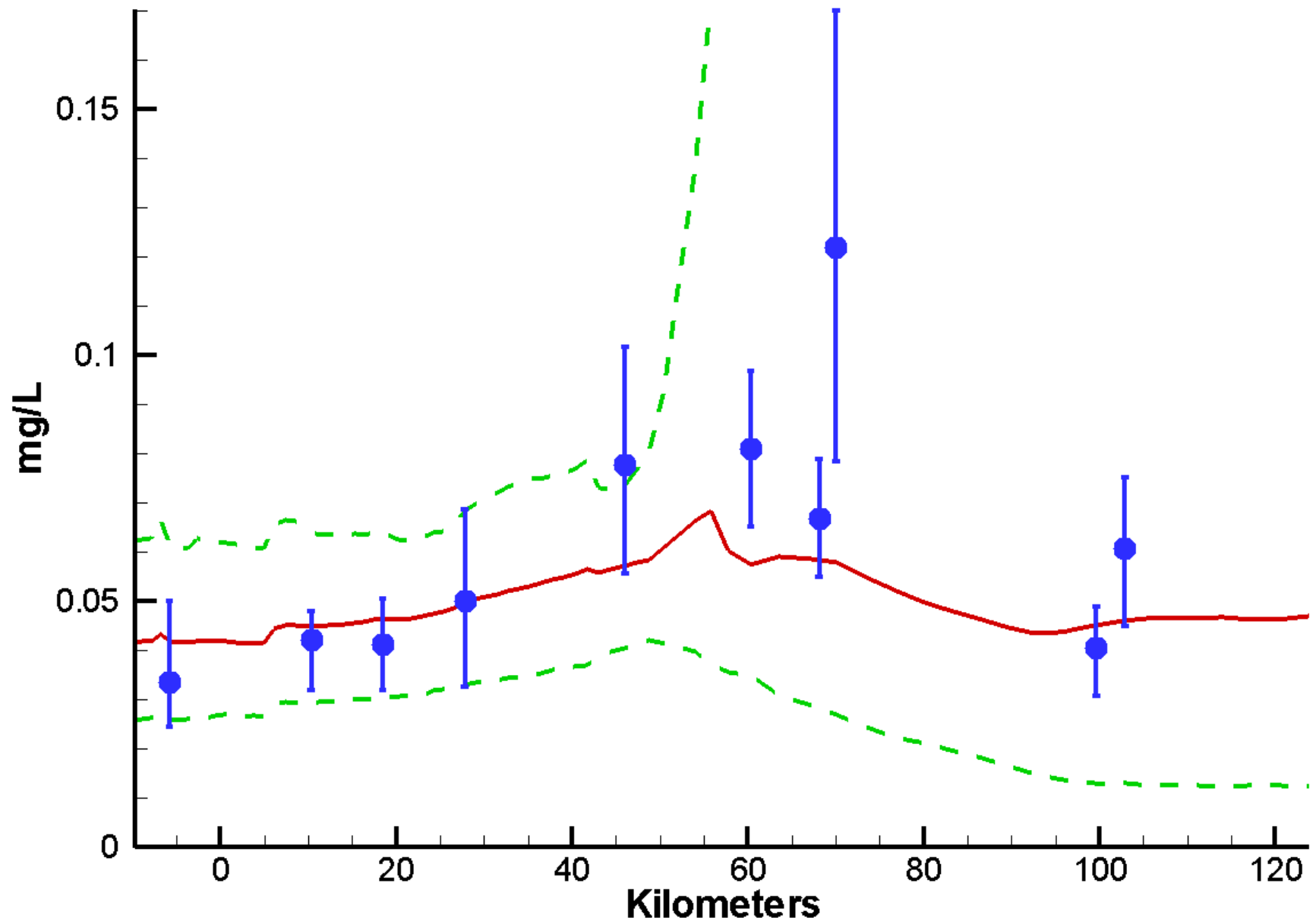
# York River Ches2015 Run118

## Surface Total Organic Carbon Winter 1996



# York River Ches2015 Run118

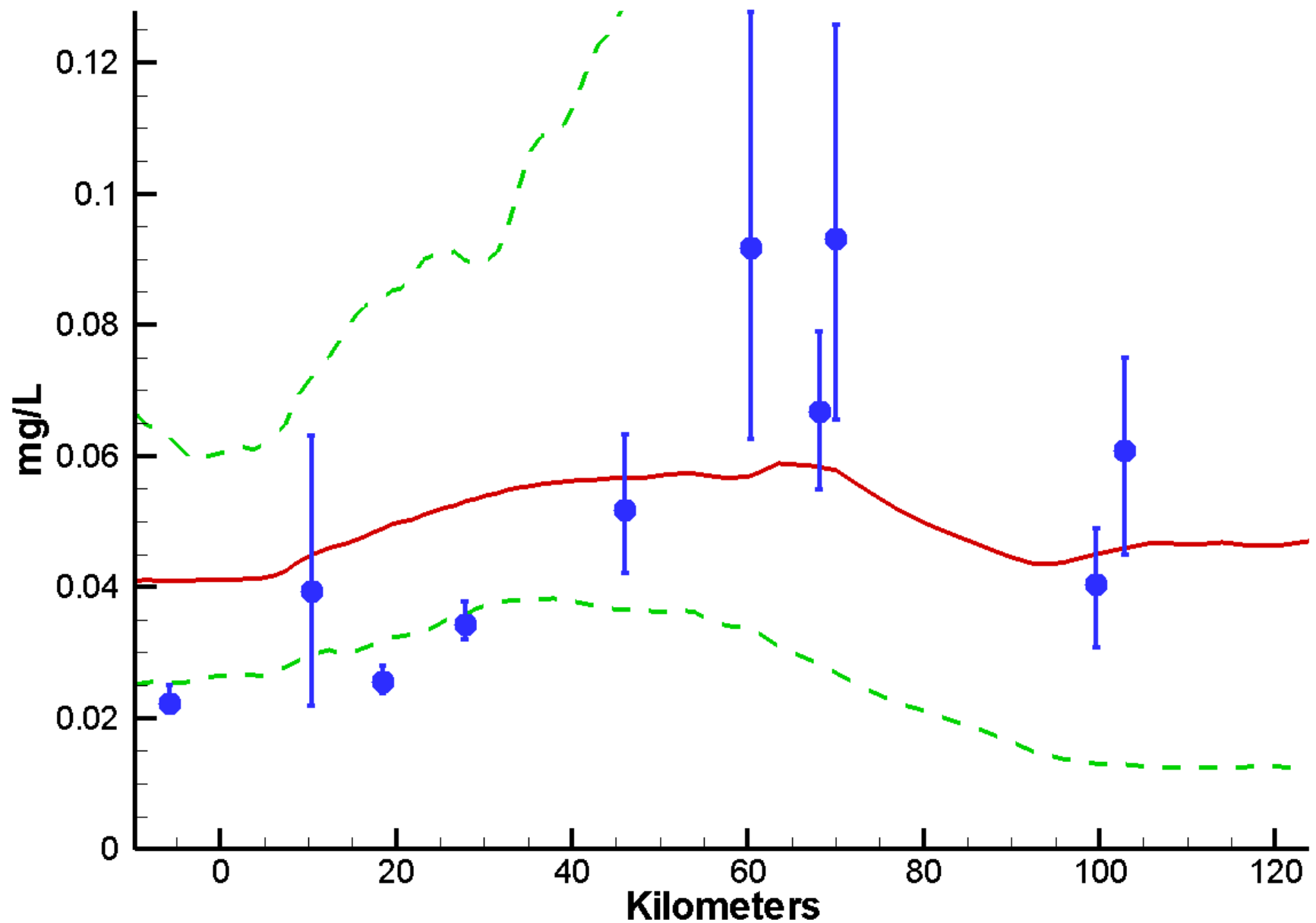
## Bottom Total Phosphorus Winter 1996





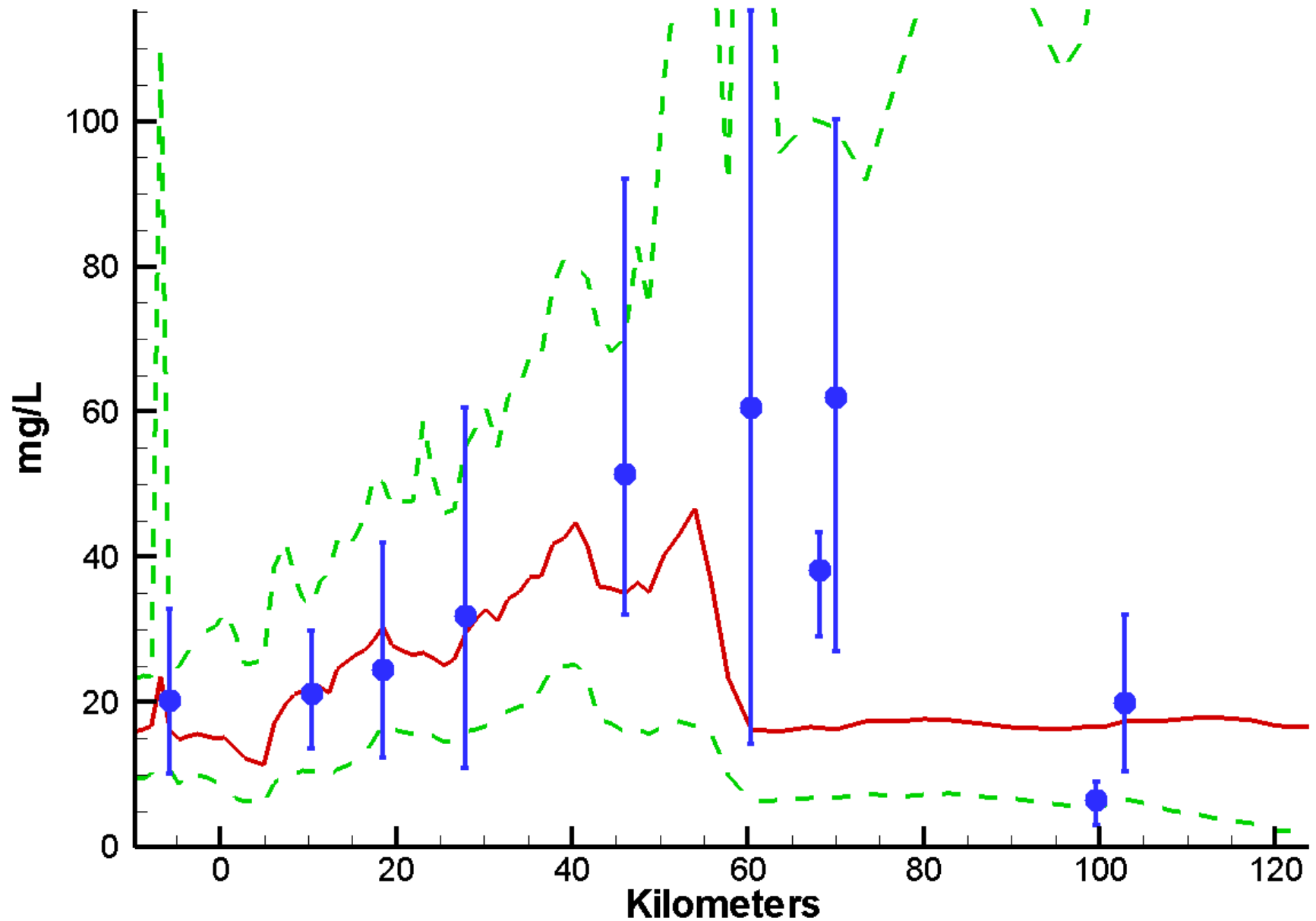
# York River Ches2015 Run118

## Surface Total Phosphorus Winter 1996



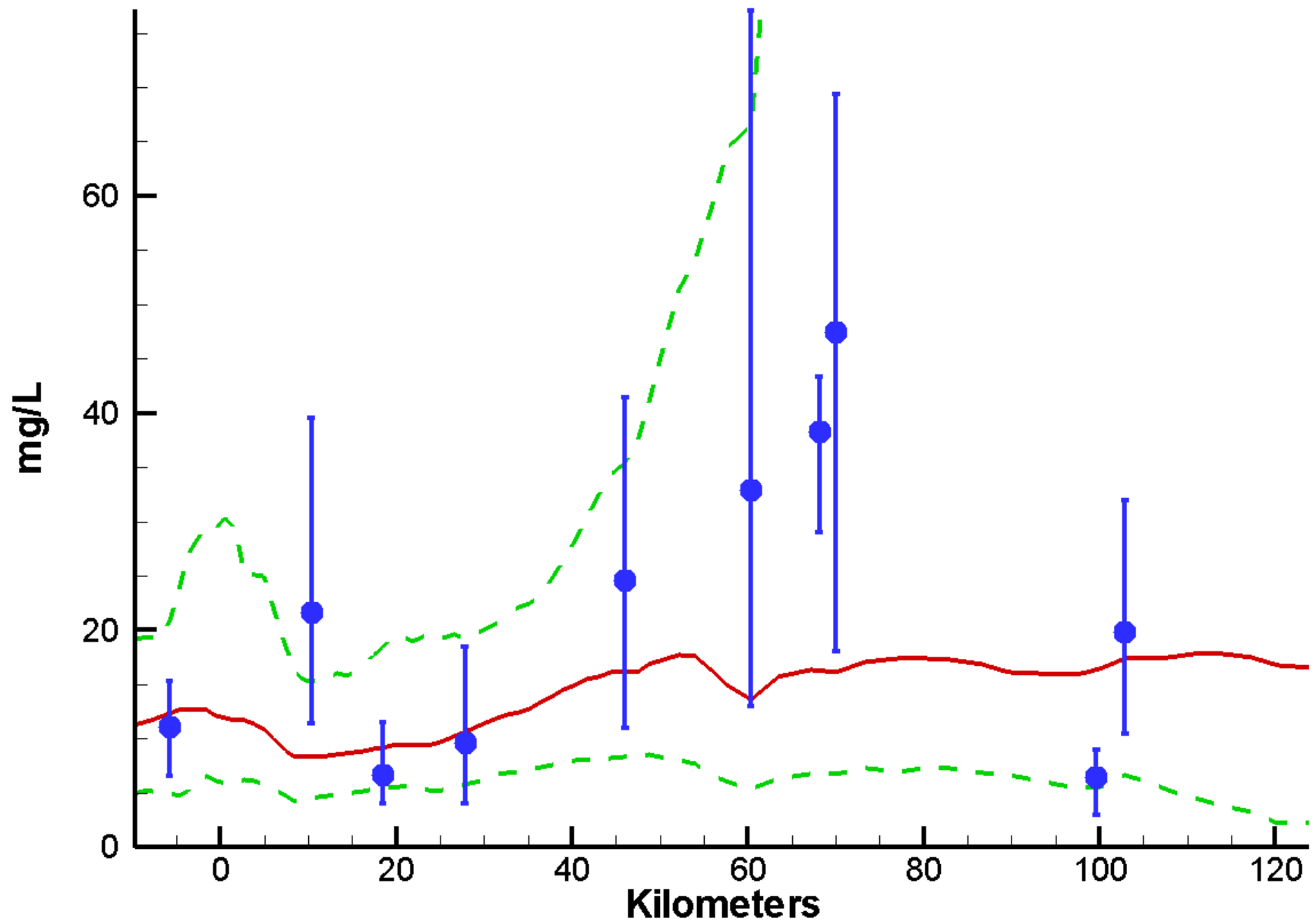
# York River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1996



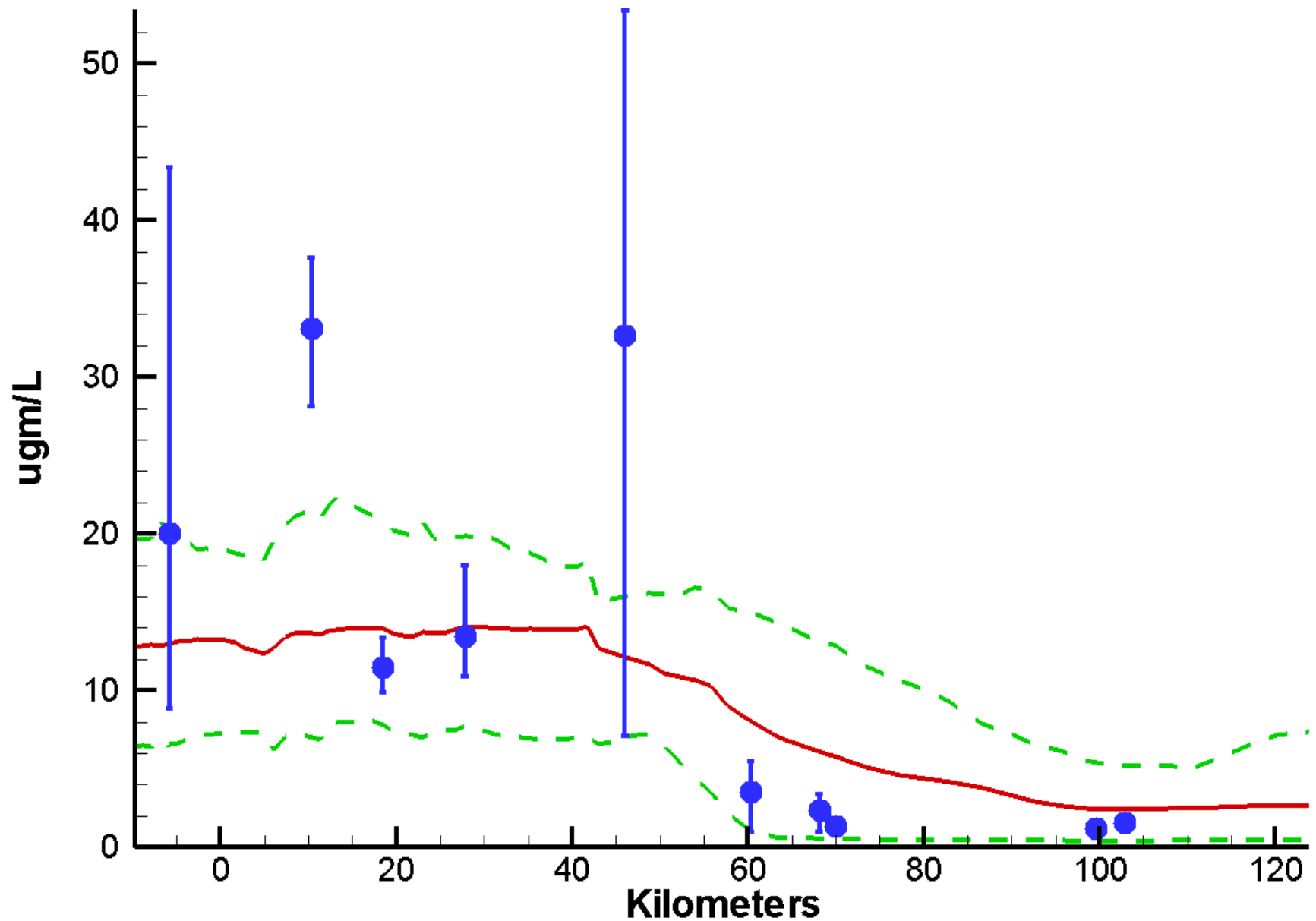
# York River Ches2015 Run118

## Surface Total Suspended Solids Winter 1996



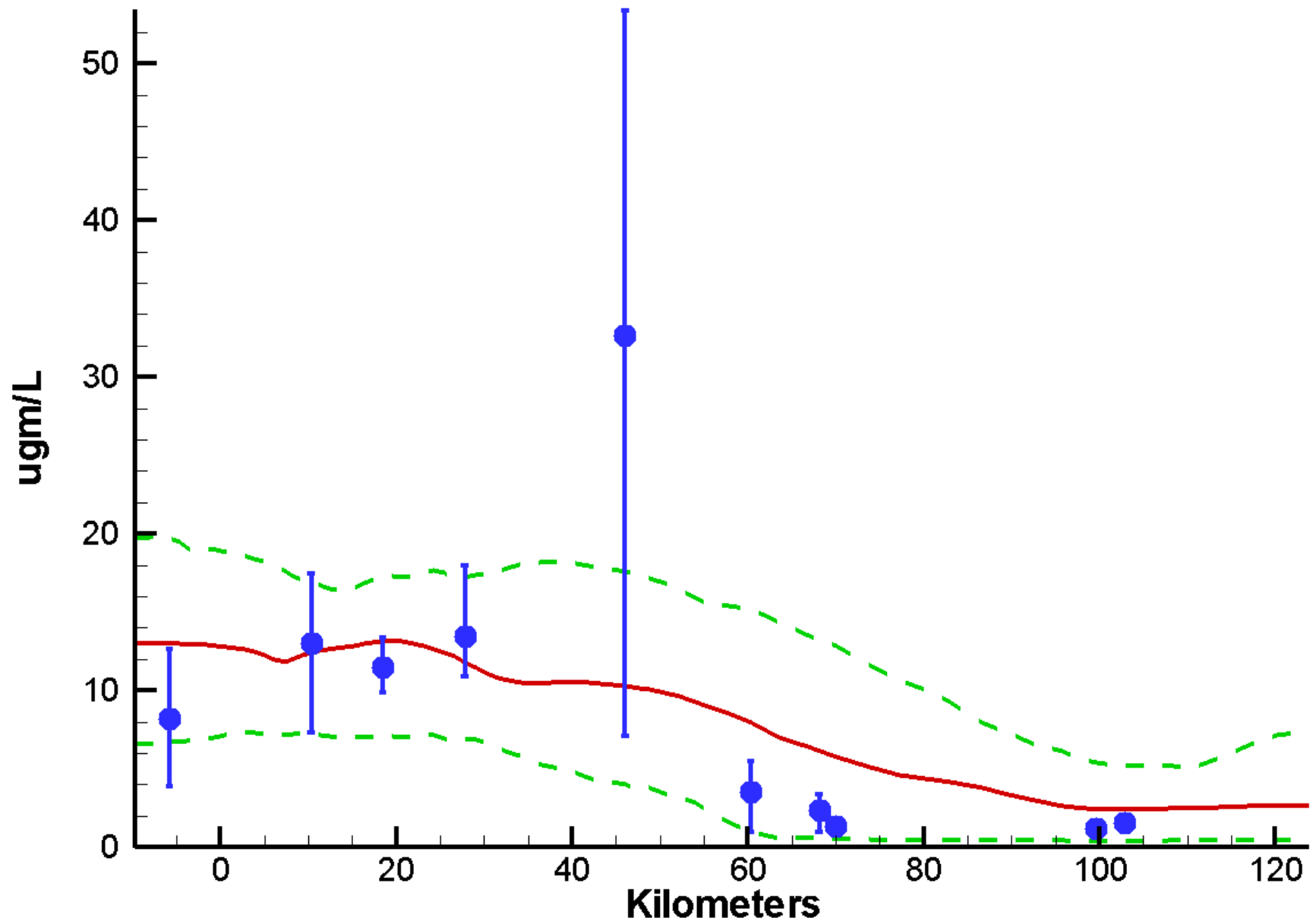
# York River Ches2015 Run118

## Bottom Chlorophyll Spring 1996



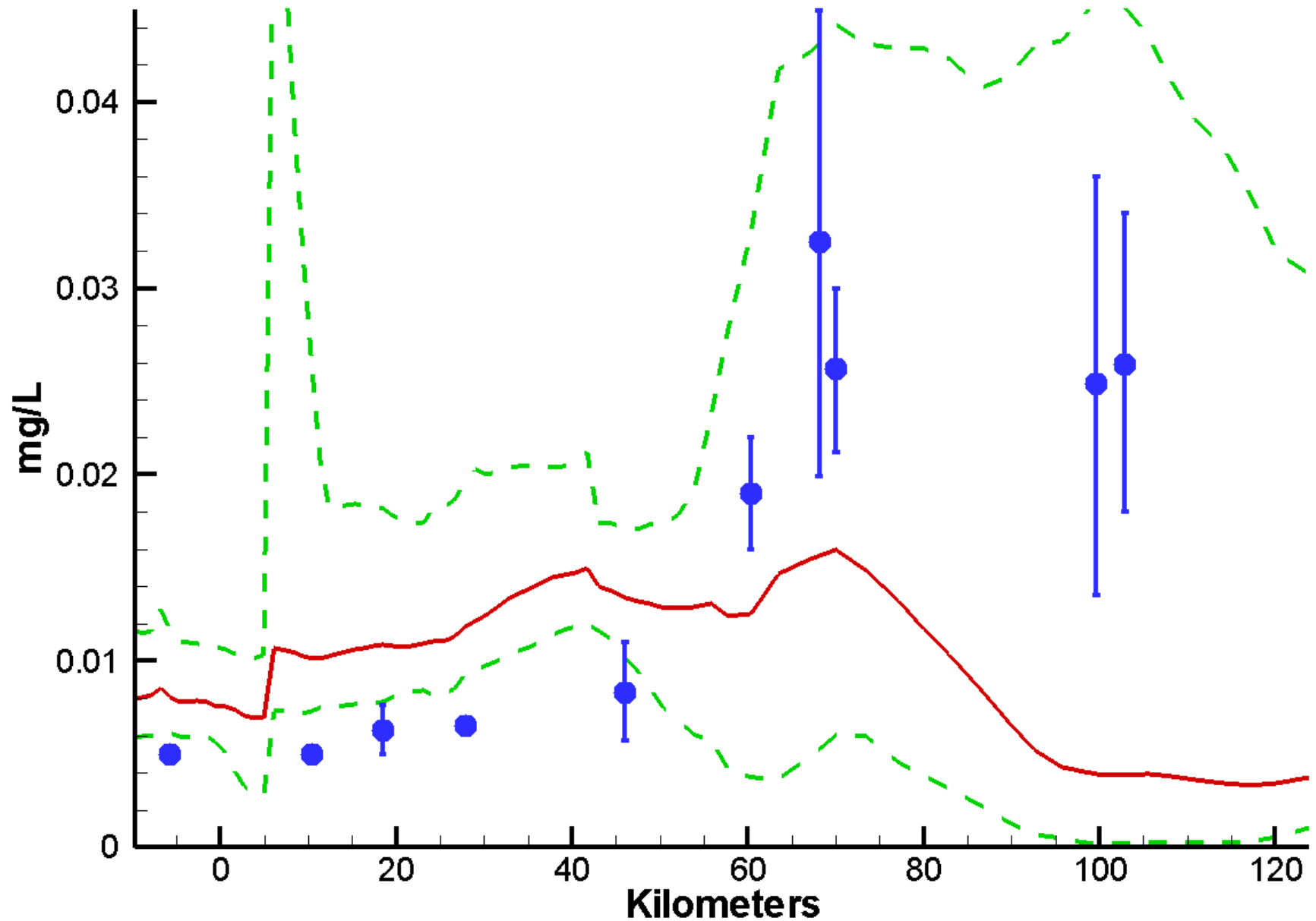
# York River Ches2015 Run118

## Surface Chlorophyll Spring 1996



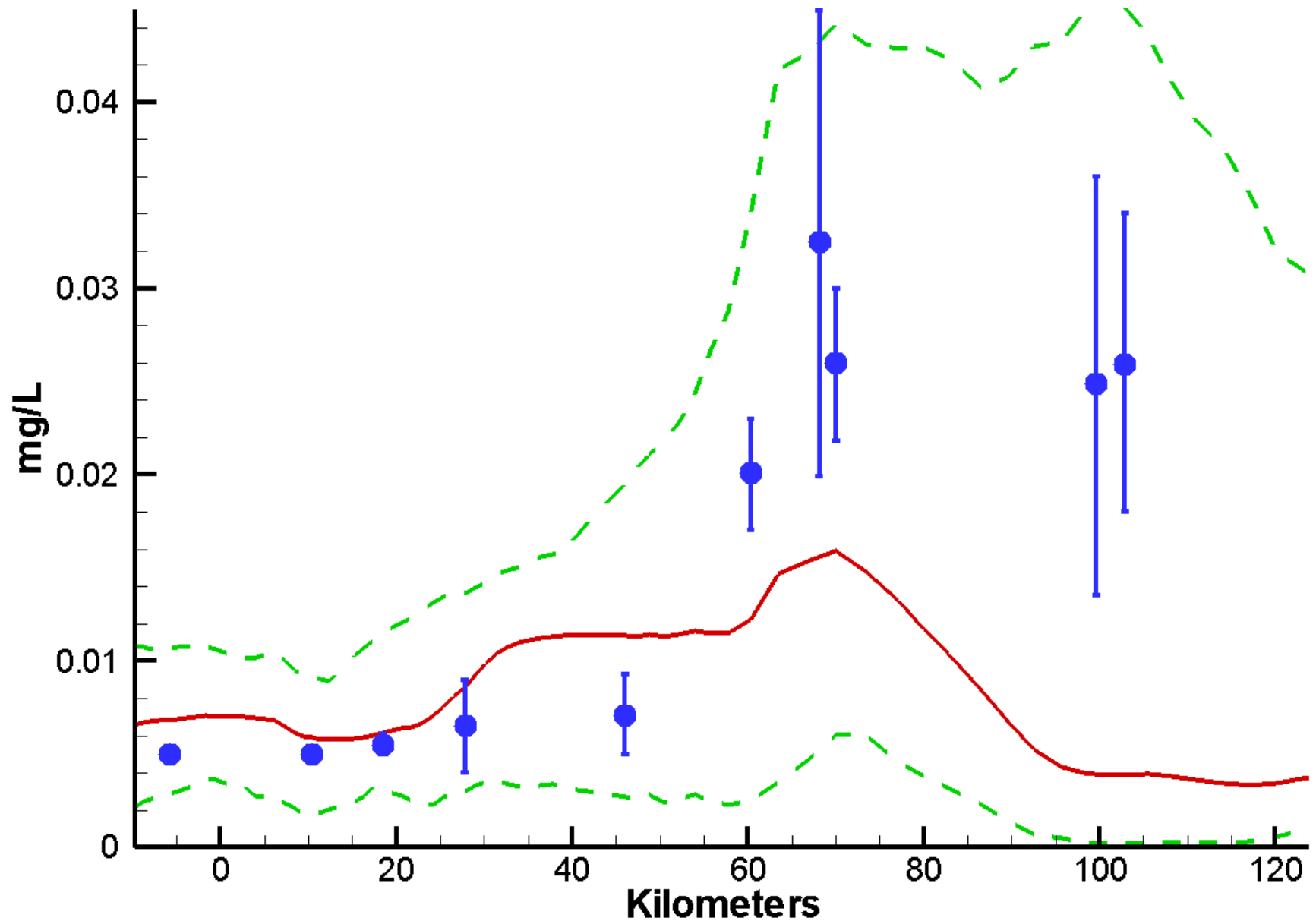
# York River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1996



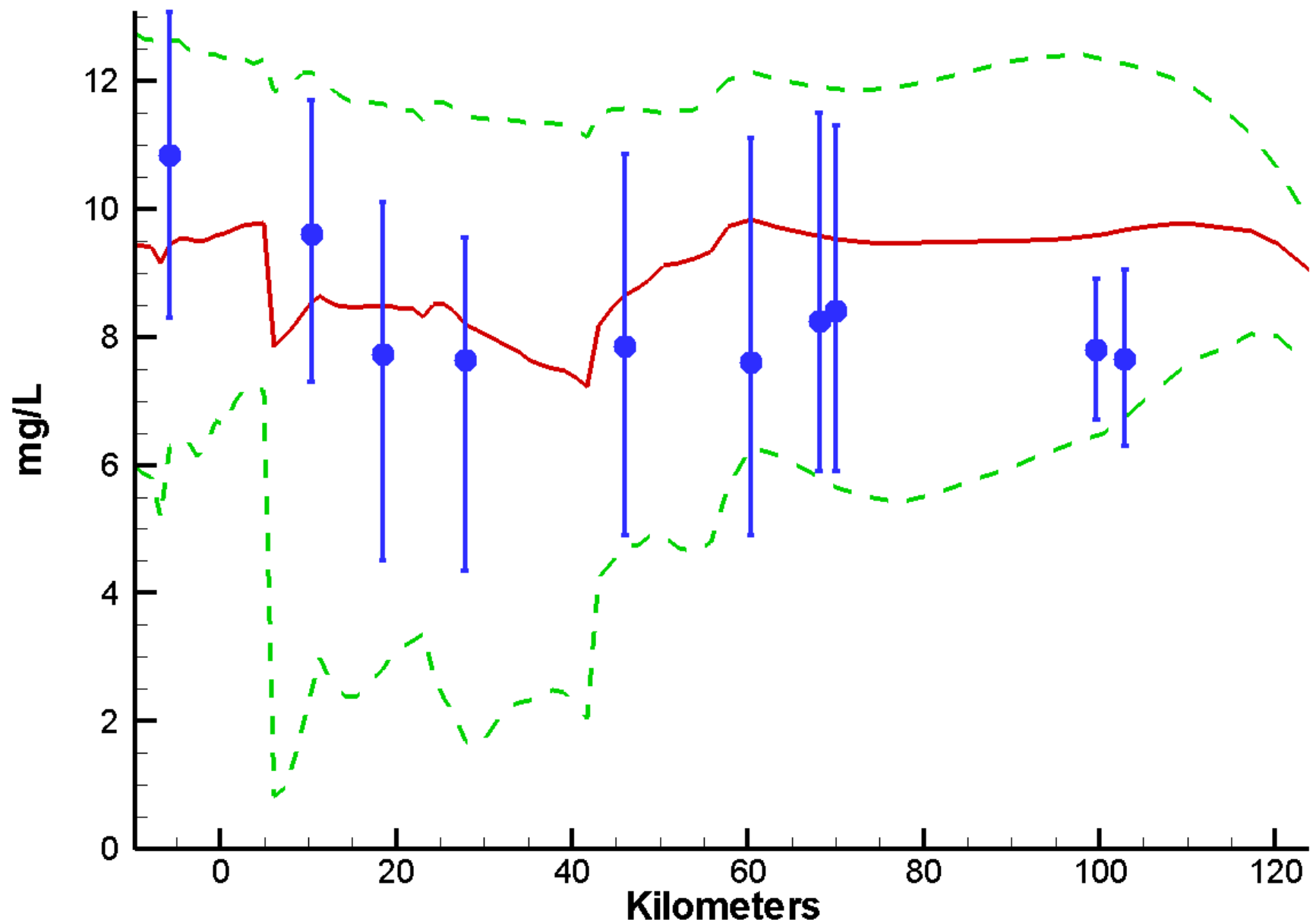
# York River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1996



# York River Ches2015 Run118

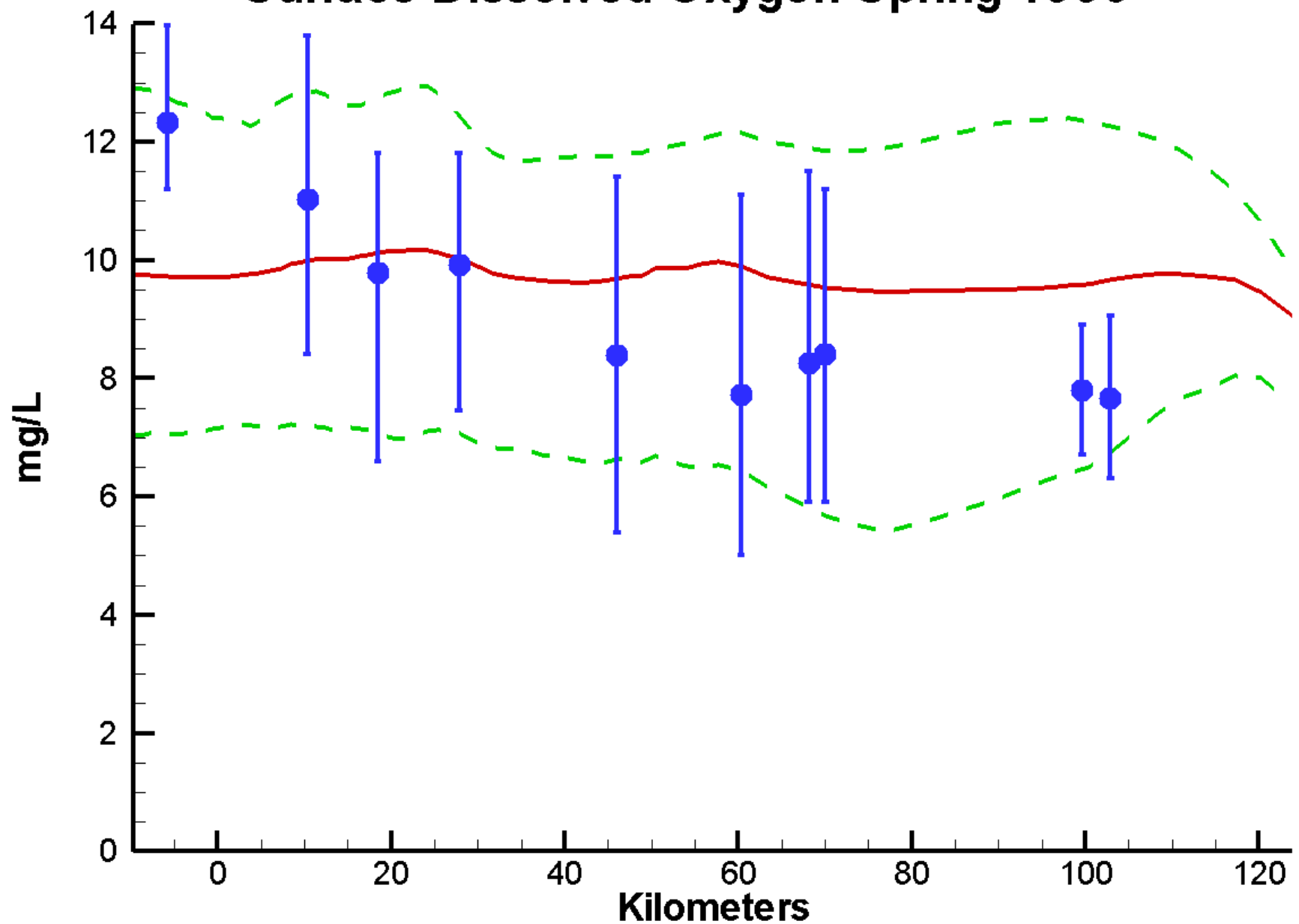
## Bottom Dissolved Oxygen Spring 1996



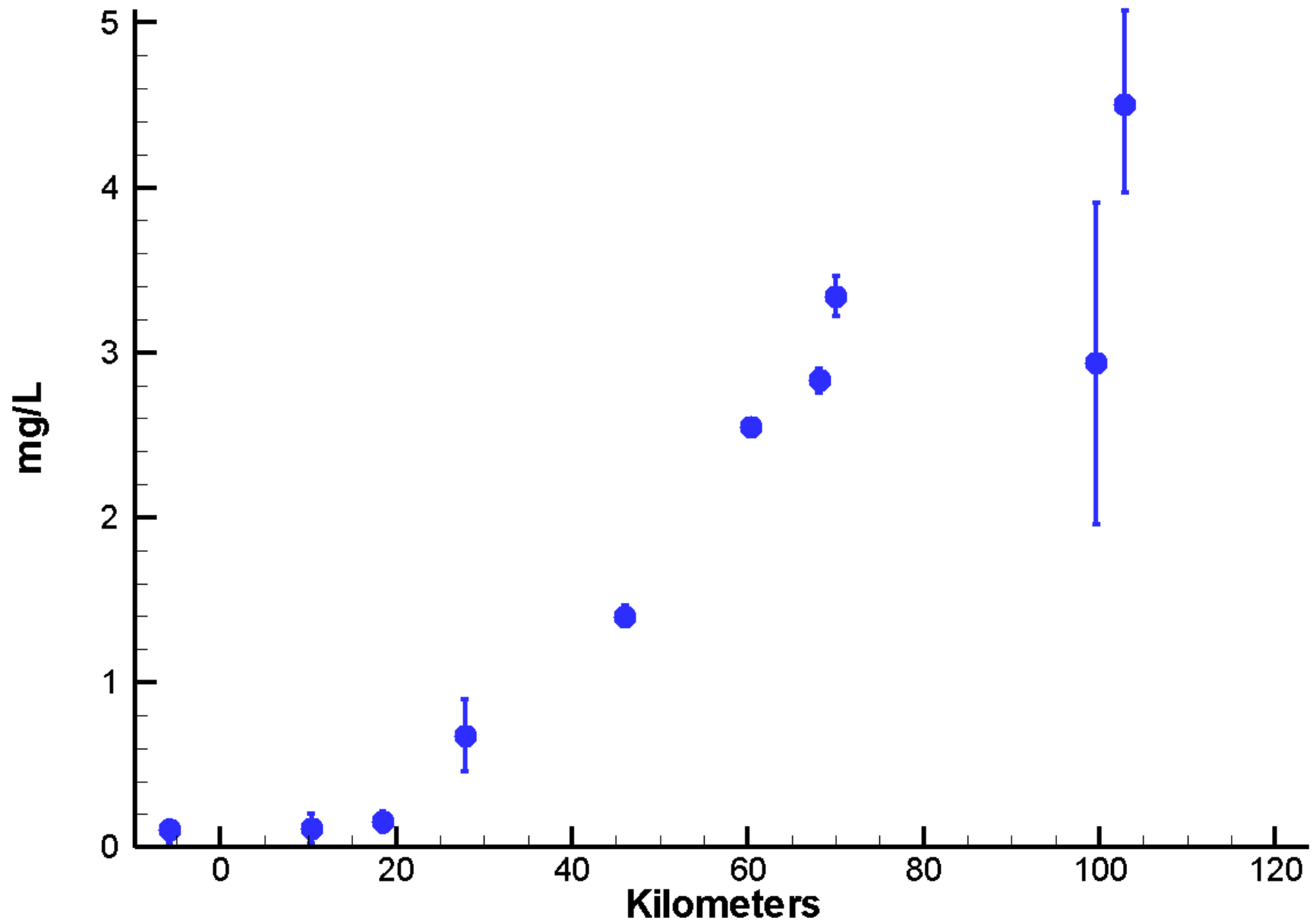


# York River Ches2015 Run118

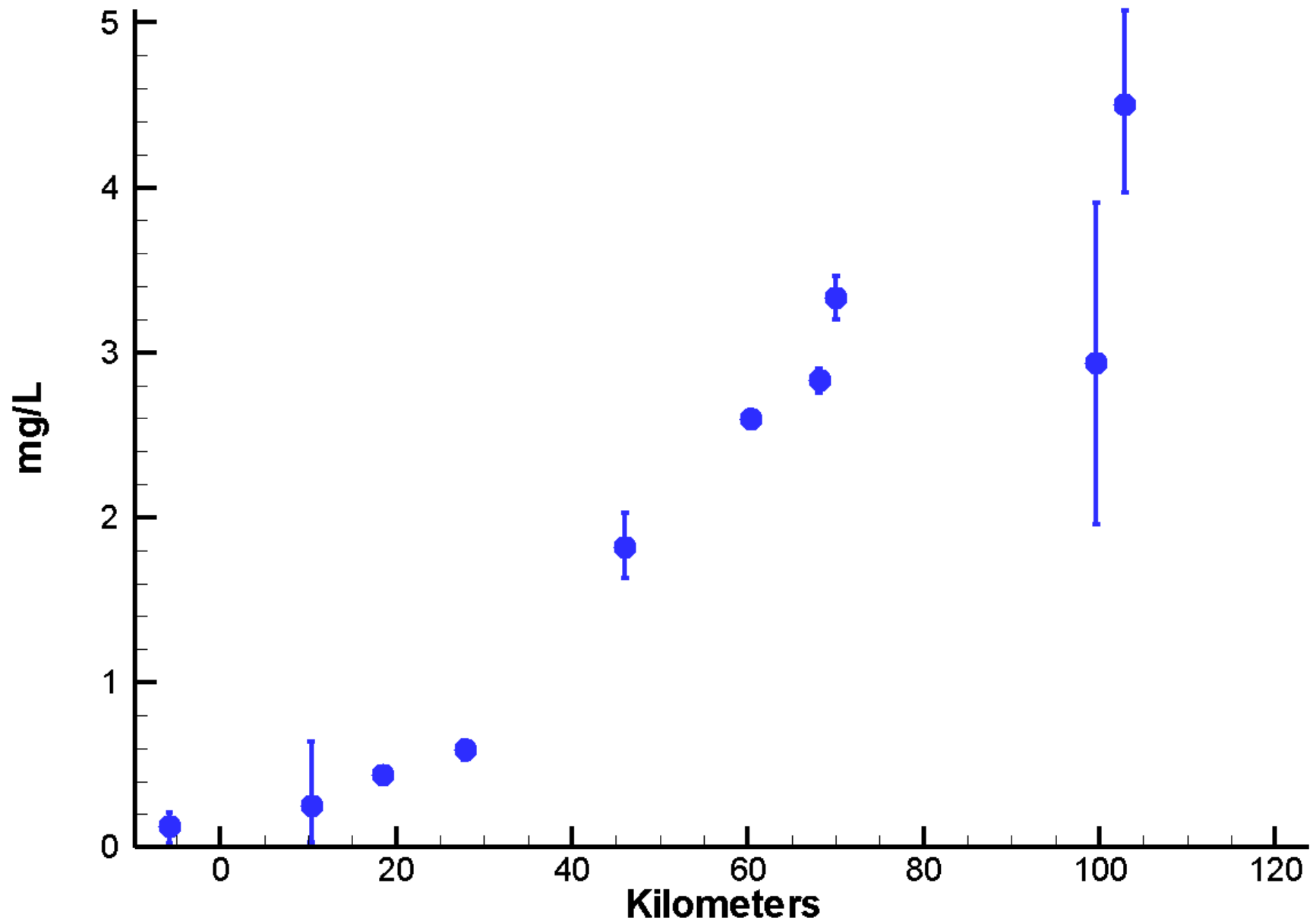
## Surface Dissolved Oxygen Spring 1996



# York River Ches2015 Run118 Bottom Dissolved Silica Spring 1996

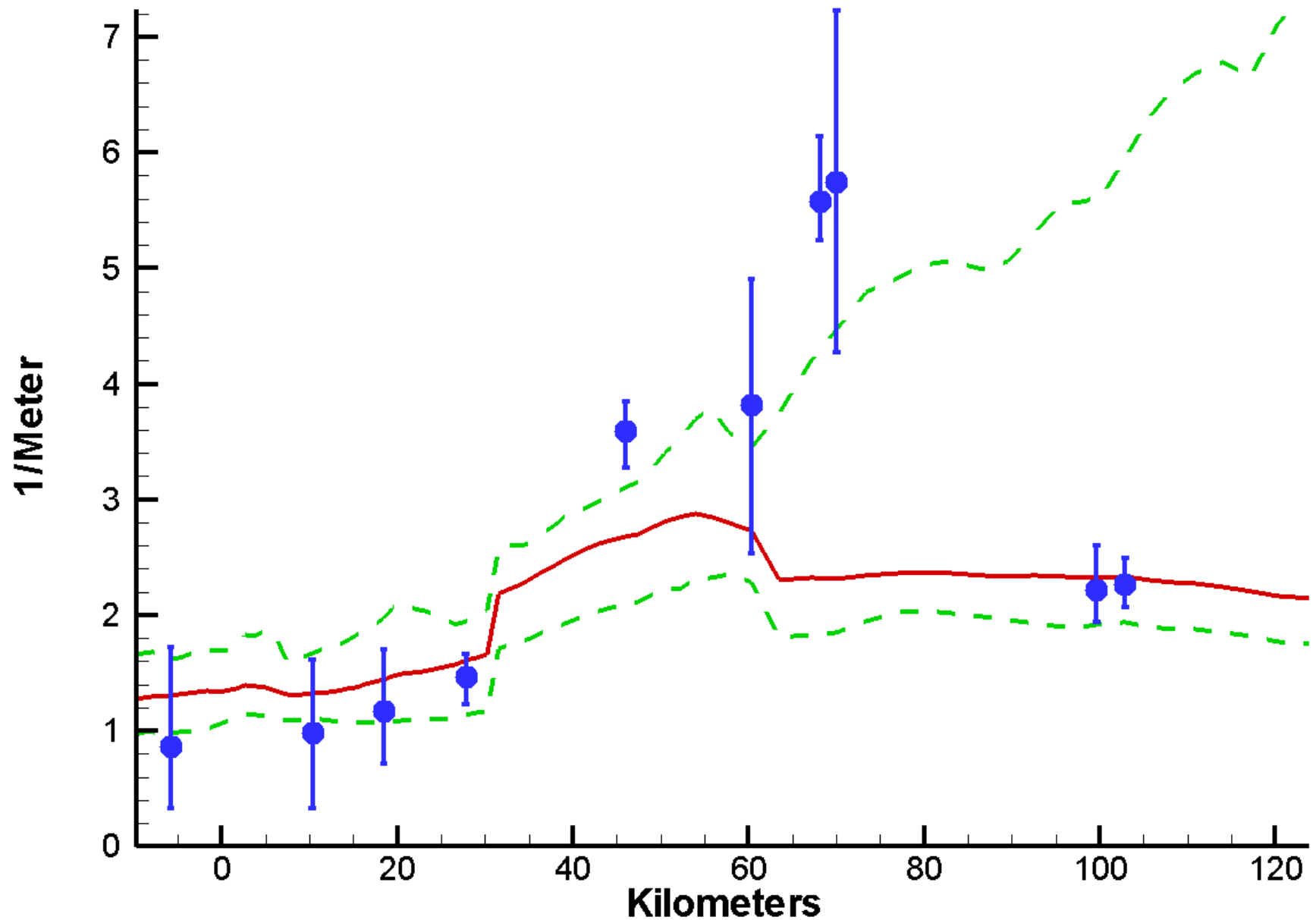


# York River Ches2015 Run118 Surface Dissolved Silica Spring 1996



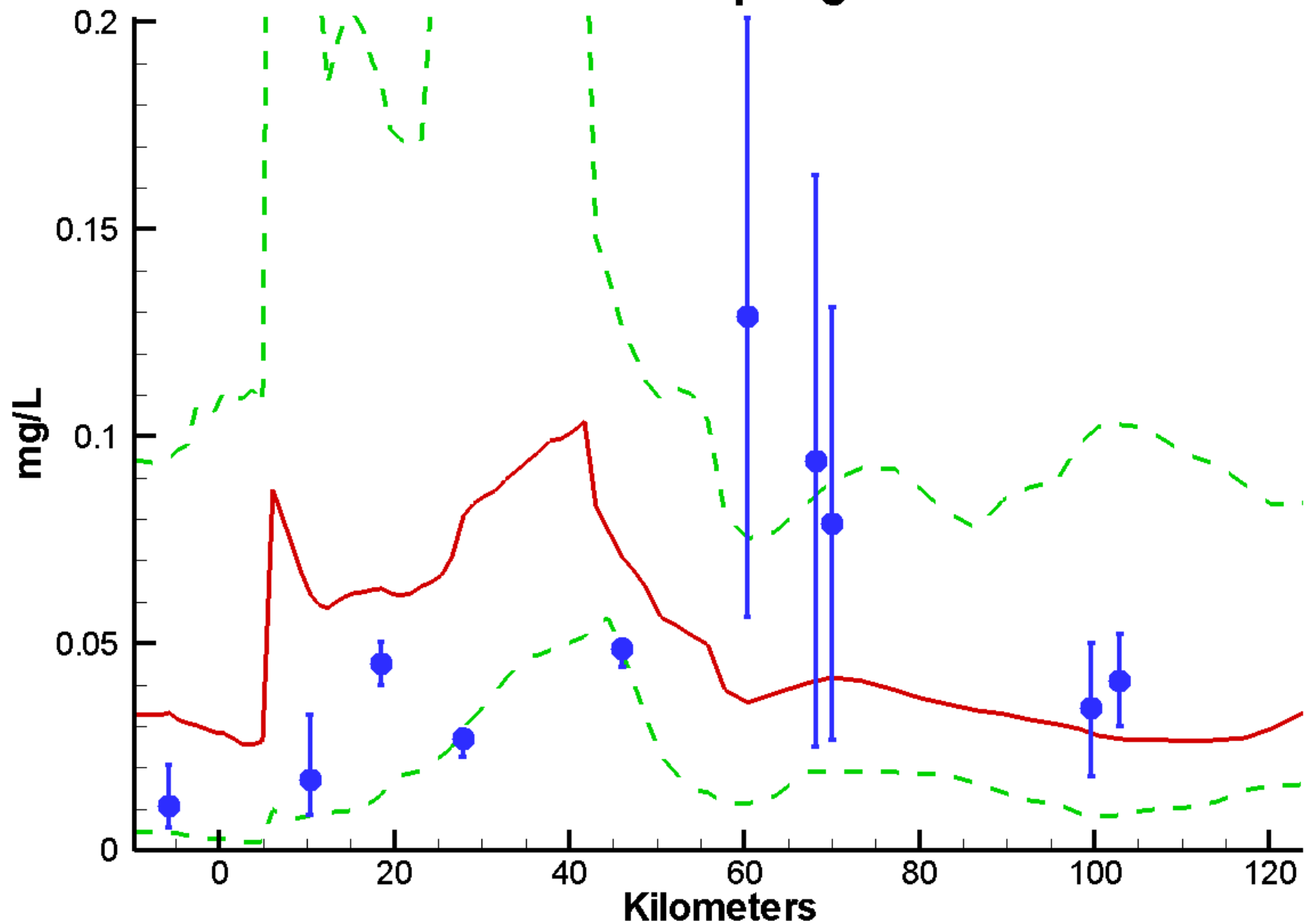
# York River Ches2015 Run118

## Surface Light Extinction Spring 1996

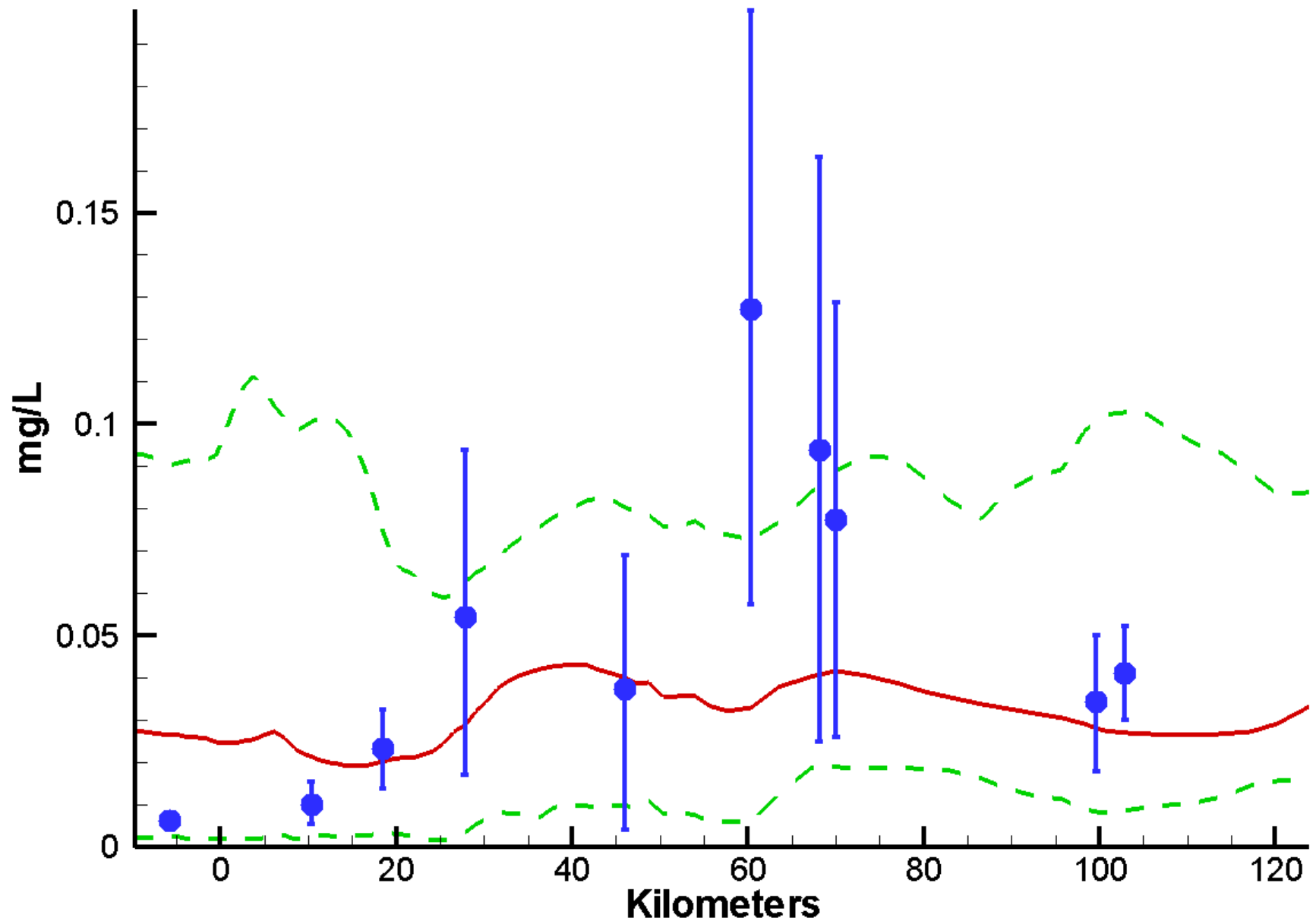


# York River Ches2015 Run118

## Bottom Ammonium Spring 1996

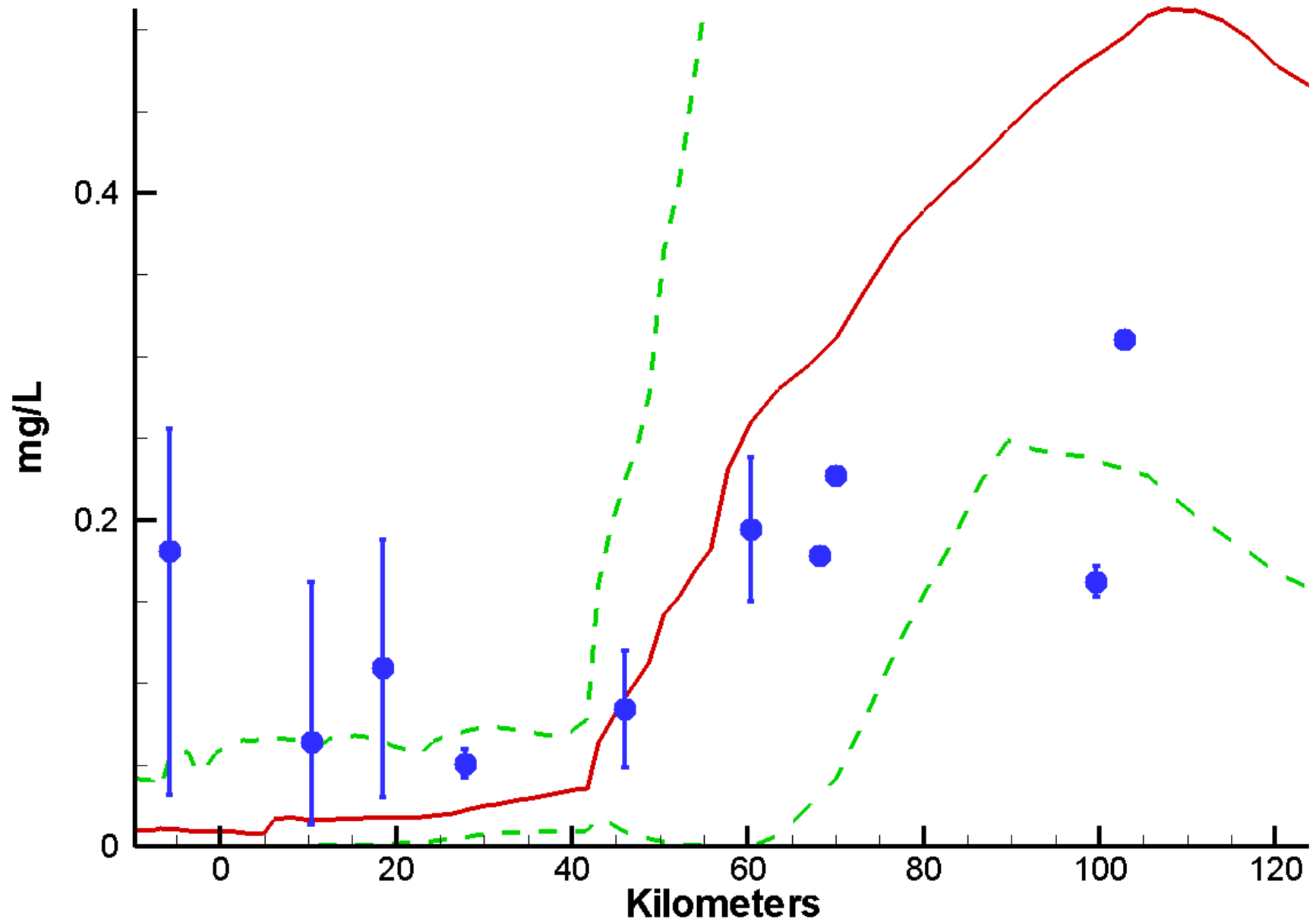


# York River Ches2015 Run118 Surface Ammonium Spring 1996



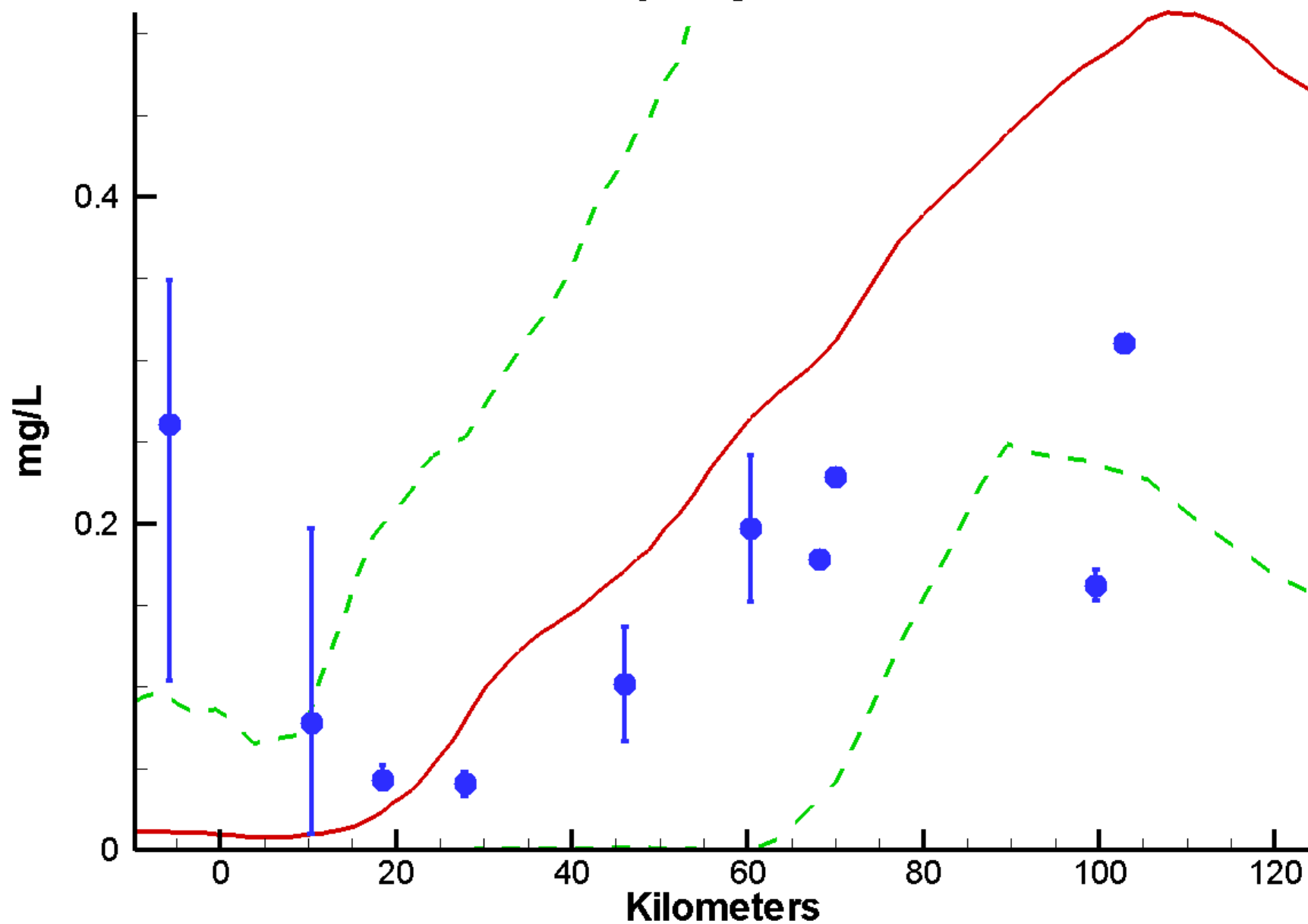
# York River Ches2015 Run118

## Bottom Nitrate Spring 1996



# York River Ches2015 Run118

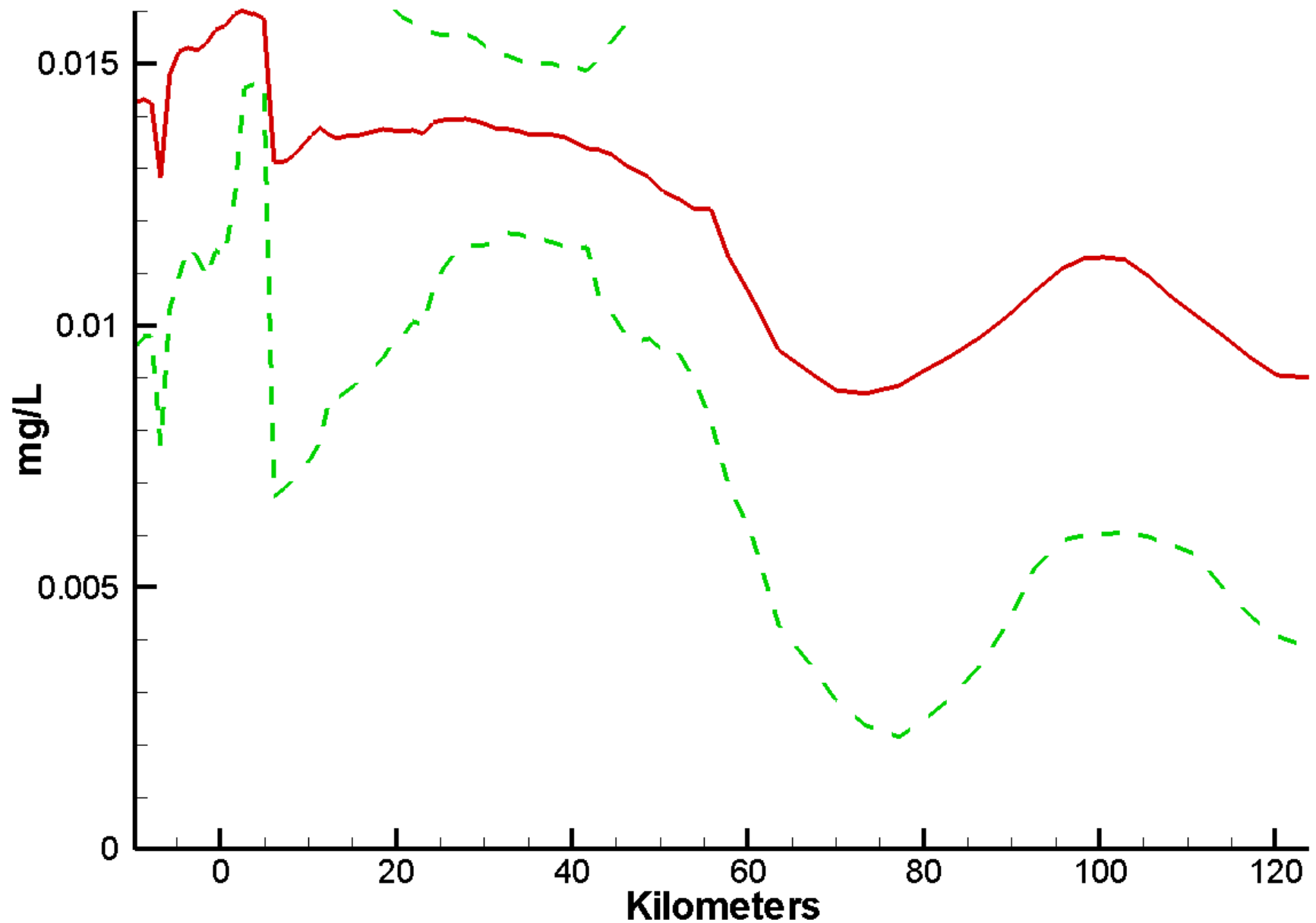
## Surface Nitrate Spring 1996





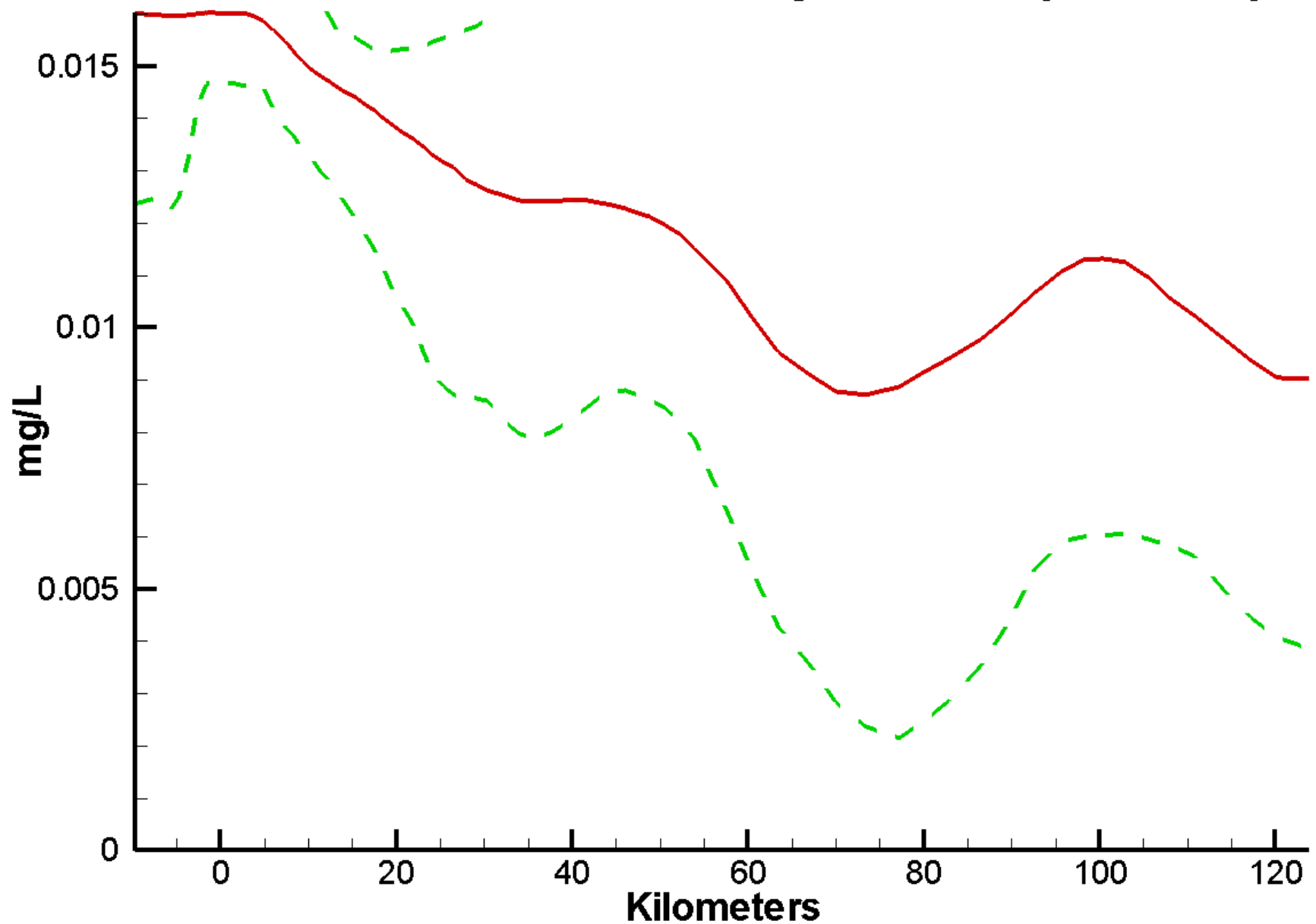
# York River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1996



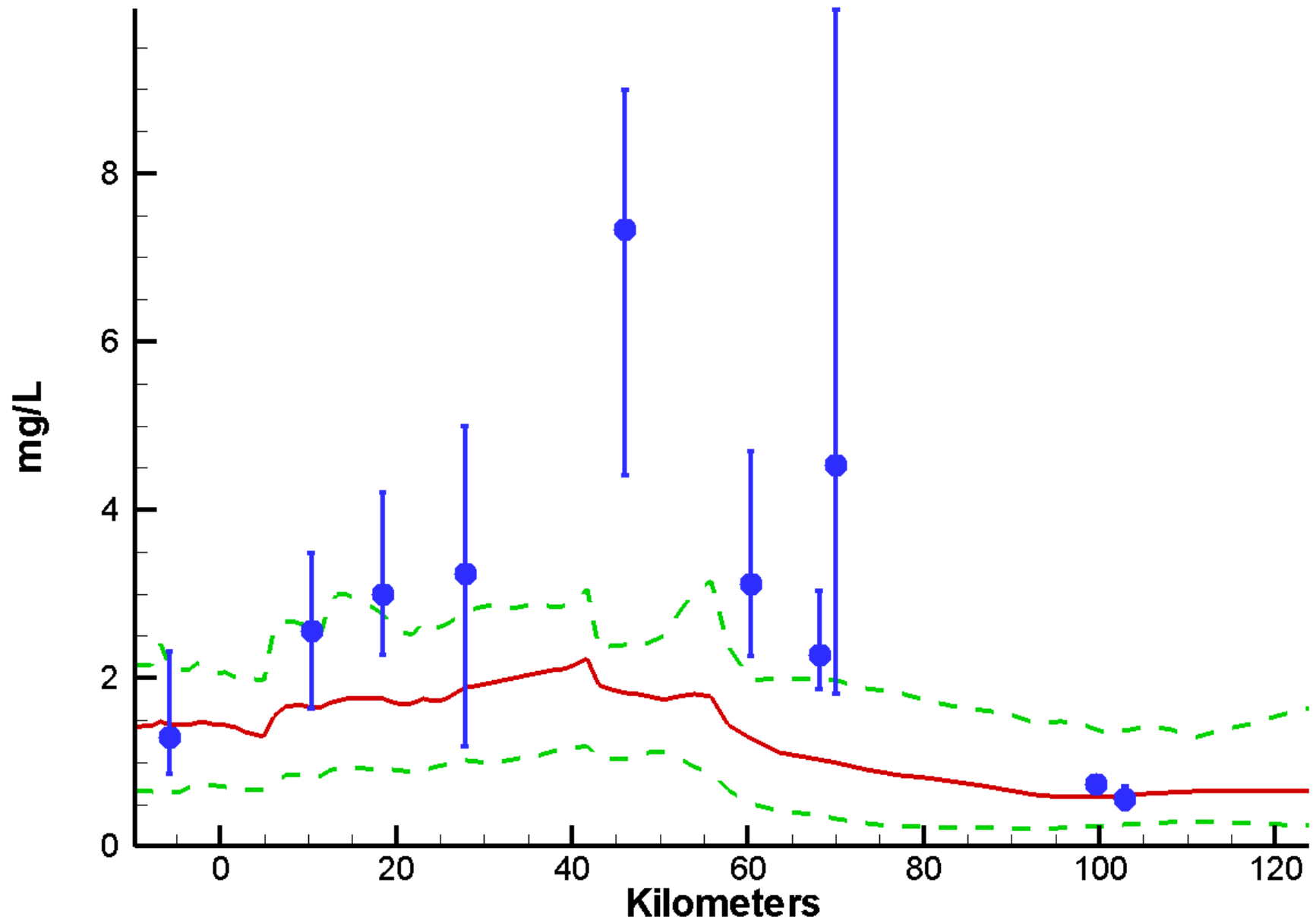
# York River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1996



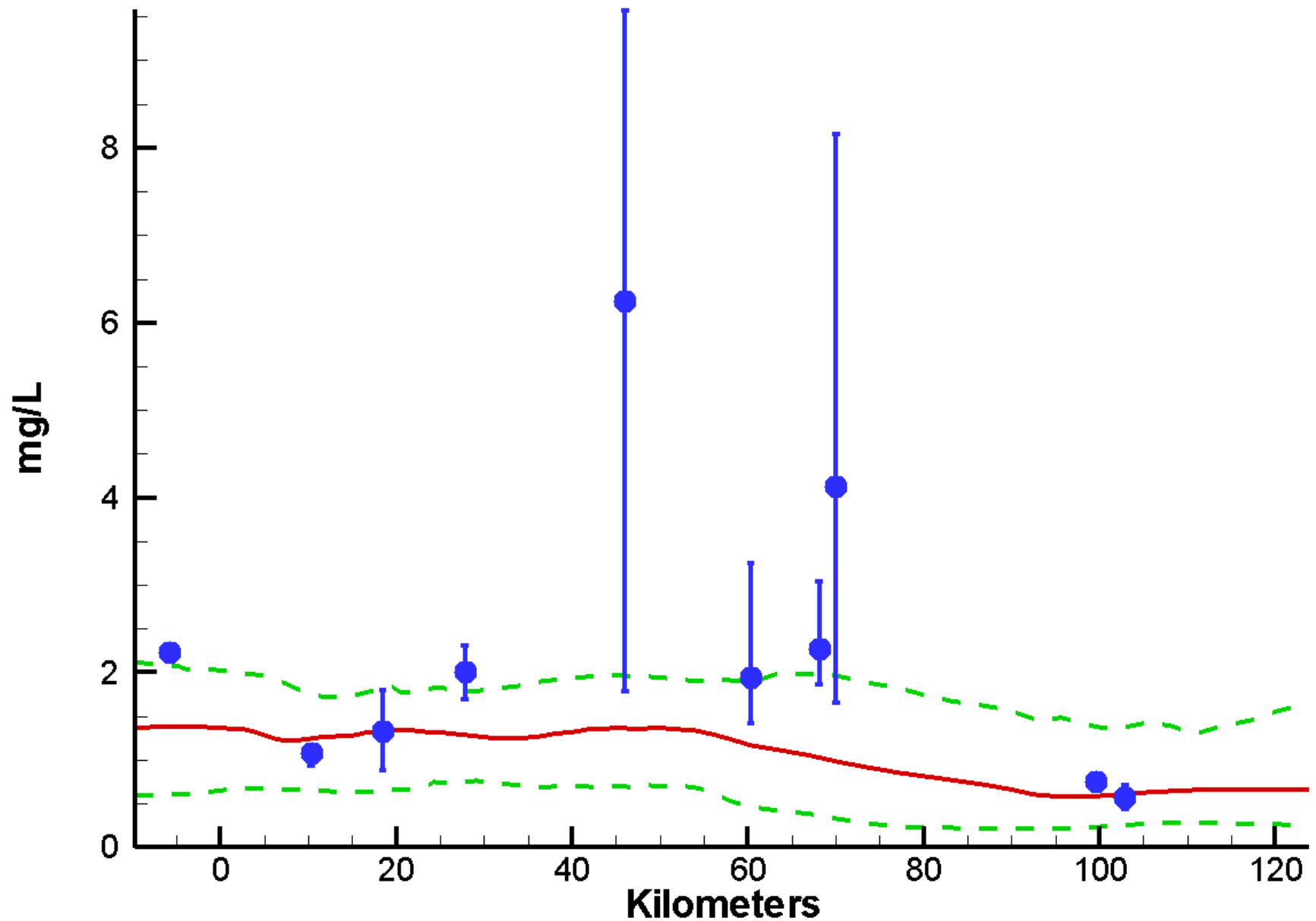
# York River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1996



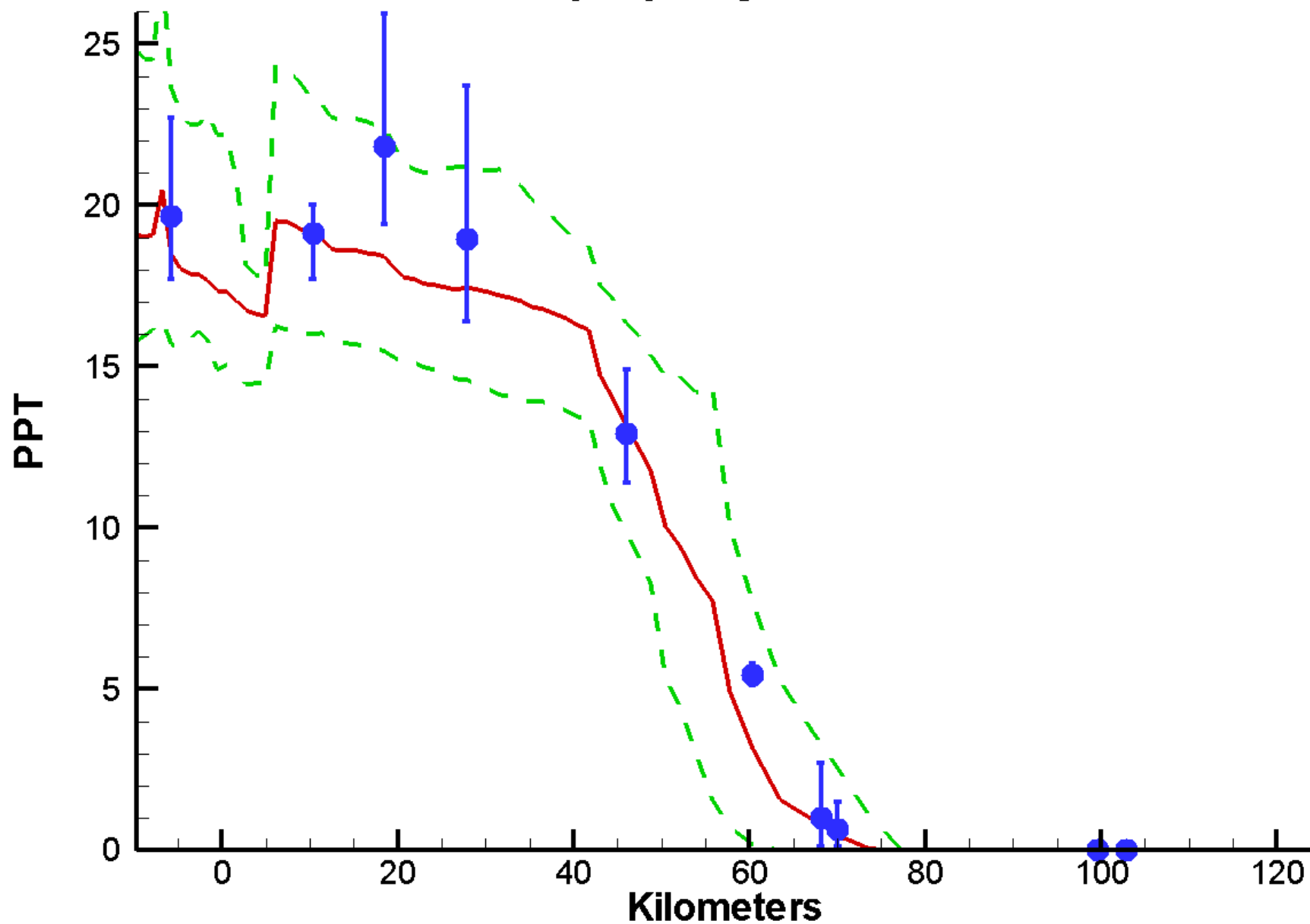
# York River Ches2015 Run118

## Surface Particulate Organic Carbon Spring 1996



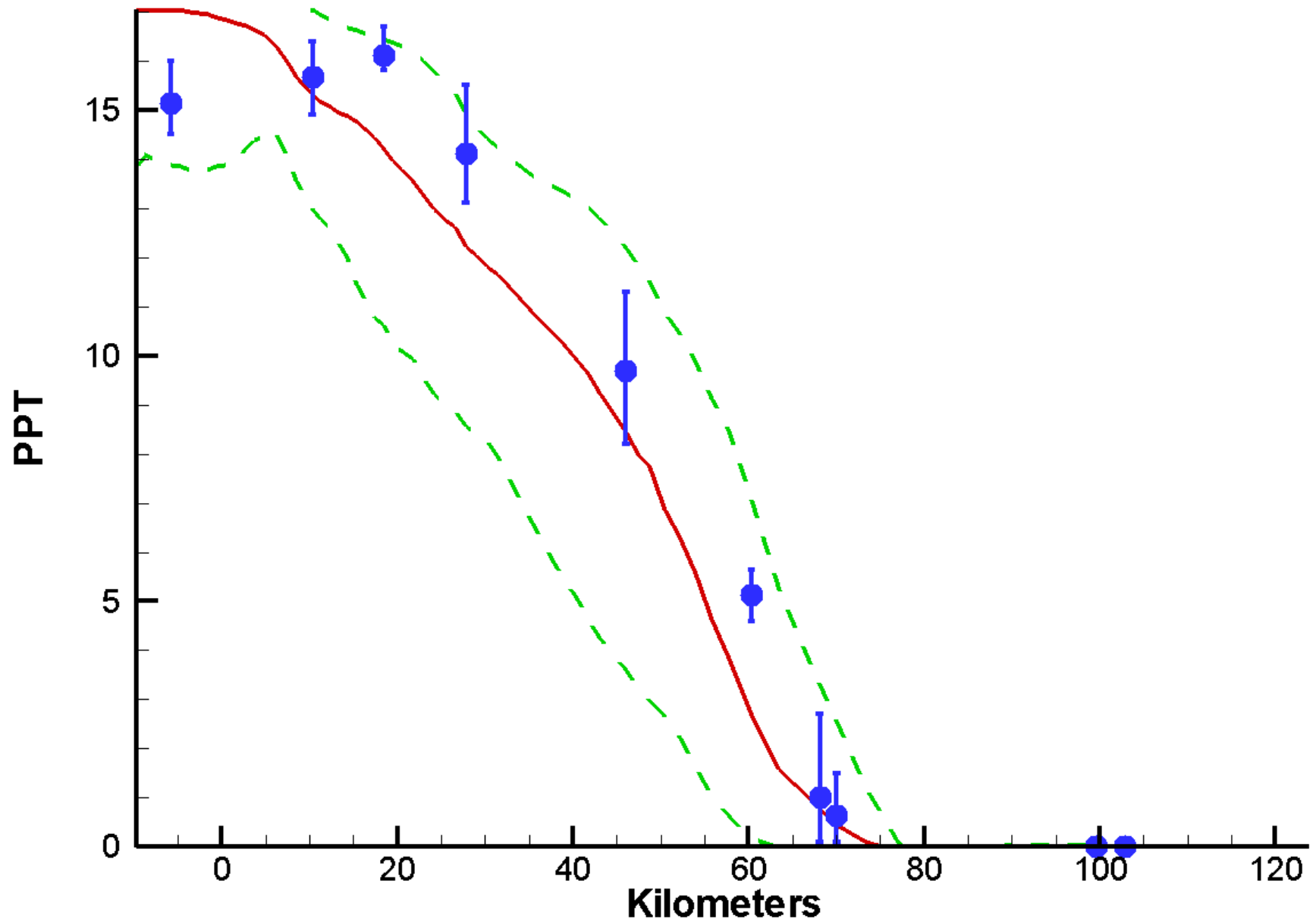
# York River Ches2015 Run118

## Bottom Salinity Spring 1996



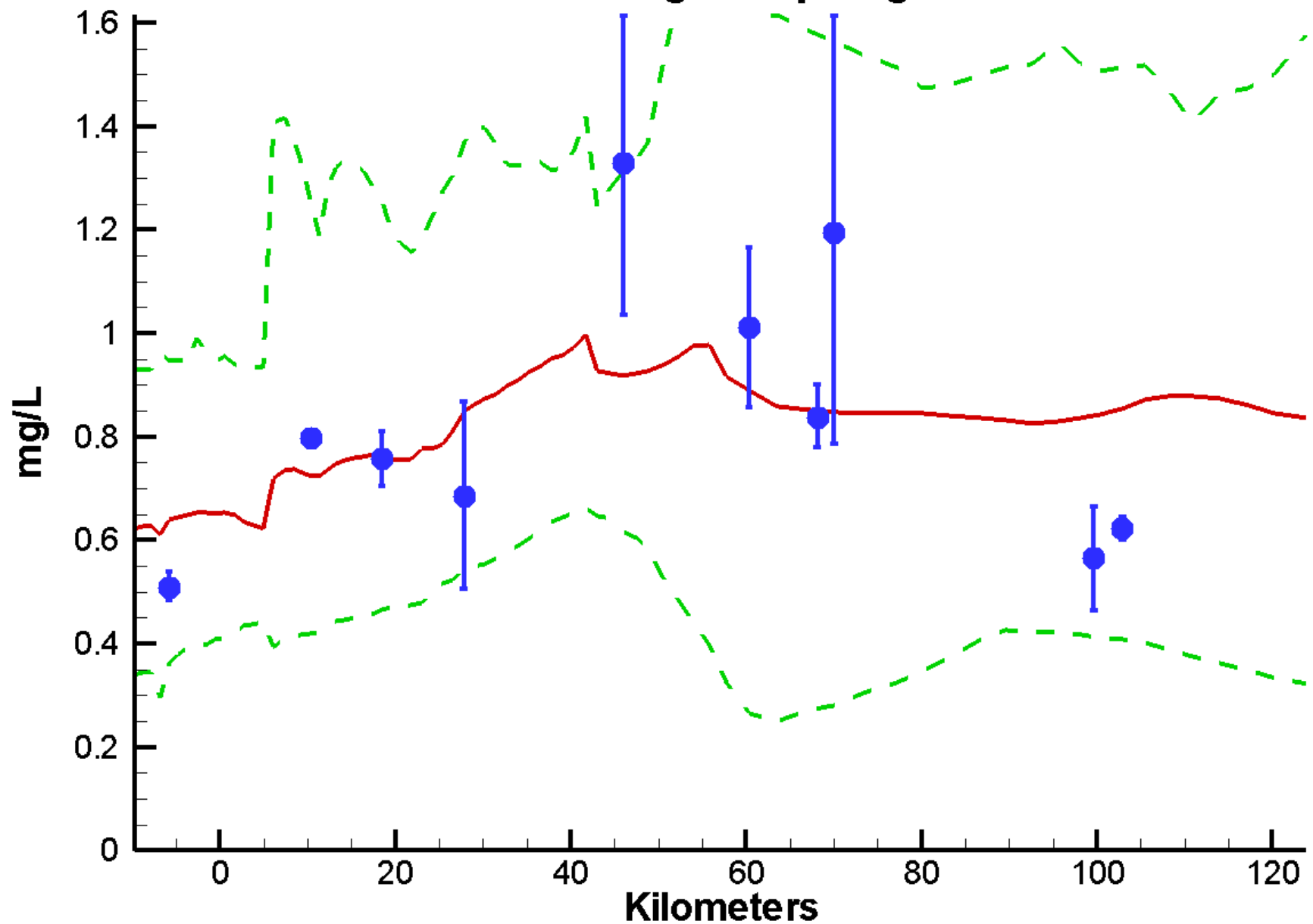
# York River Ches2015 Run118

## Surface Salinity Spring 1996



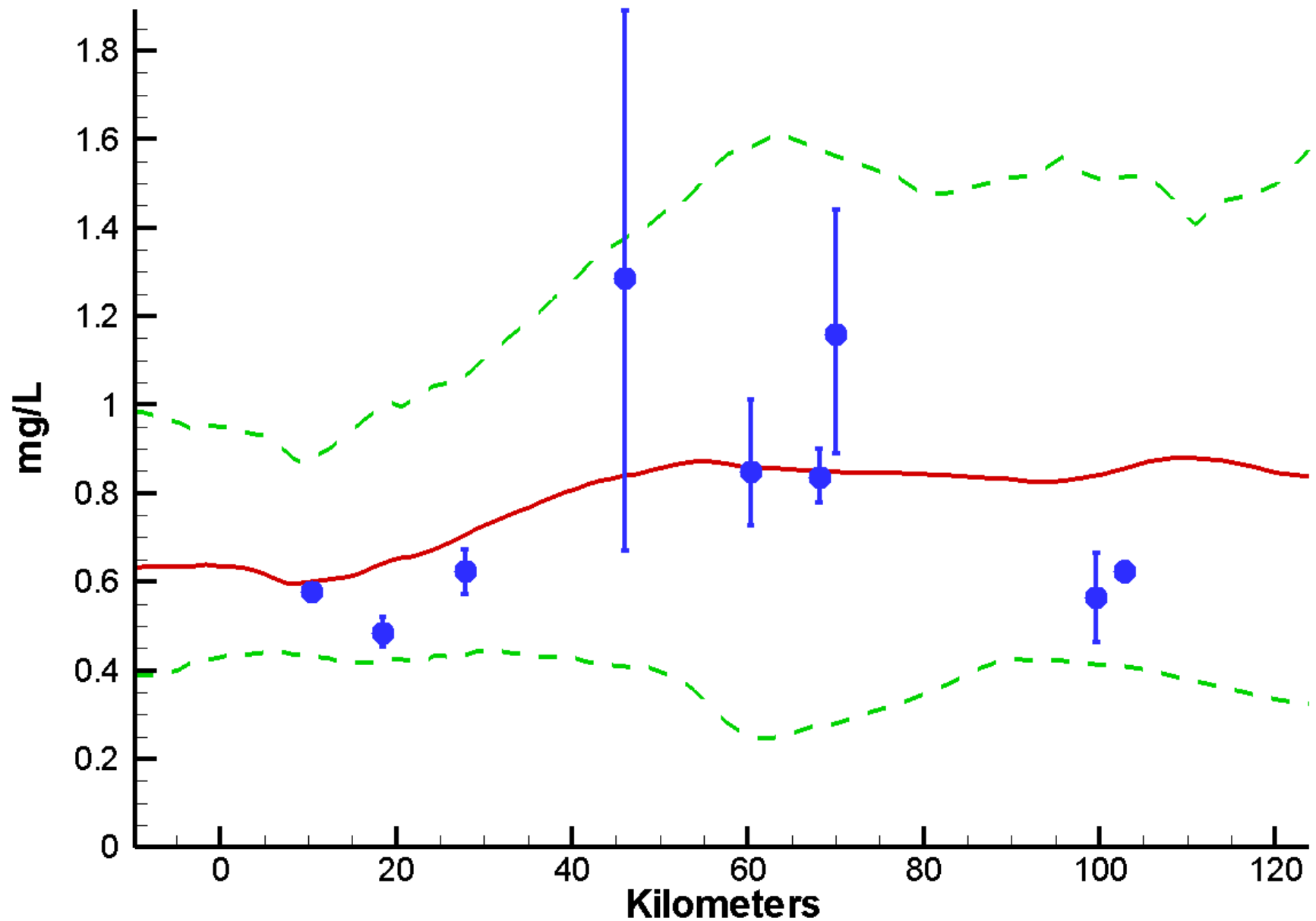
# York River Ches2015 Run118

## Bottom Total Nitrogen Spring 1996



# York River Ches2015 Run118

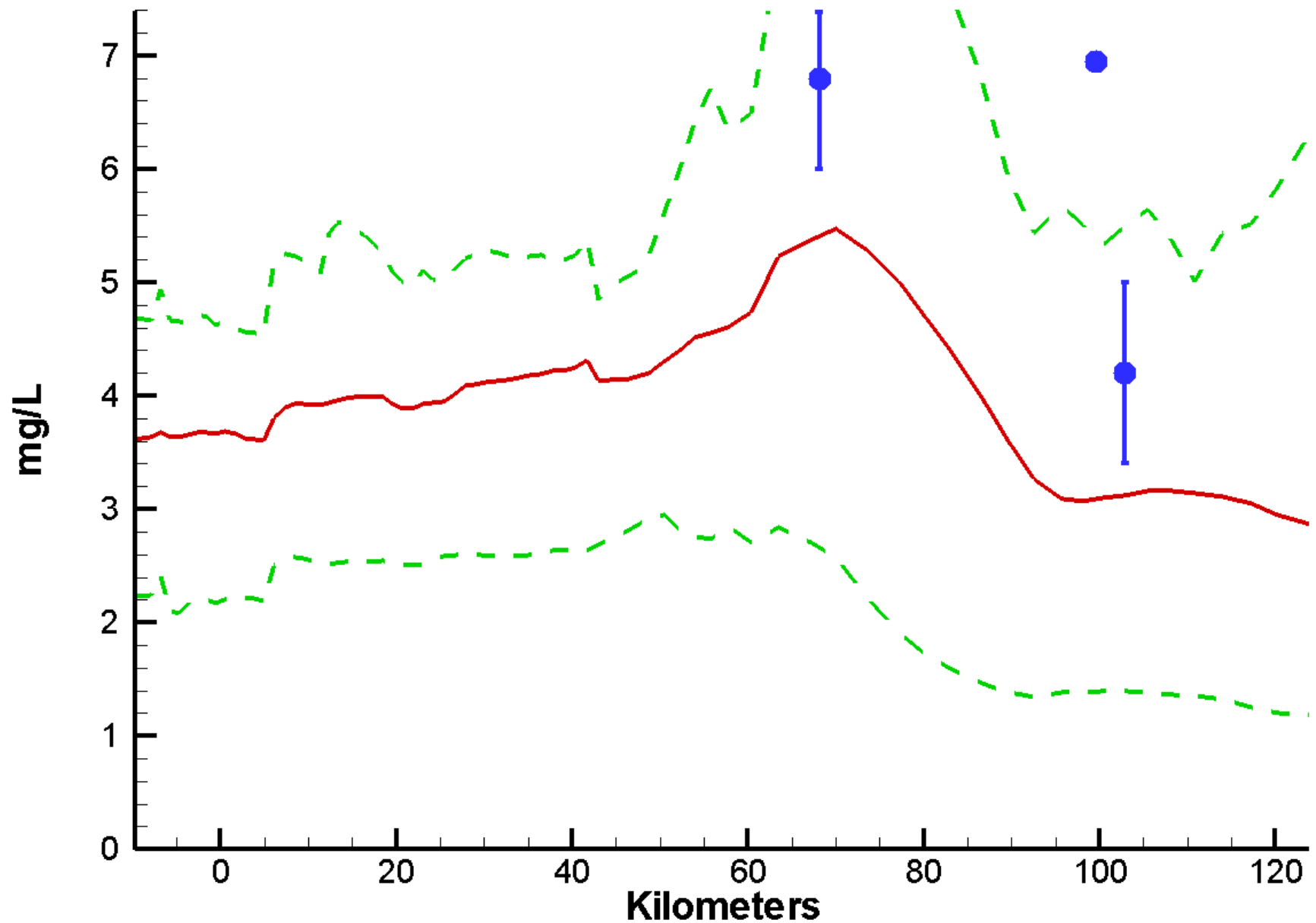
## Surface Total Nitrogen Spring 1996





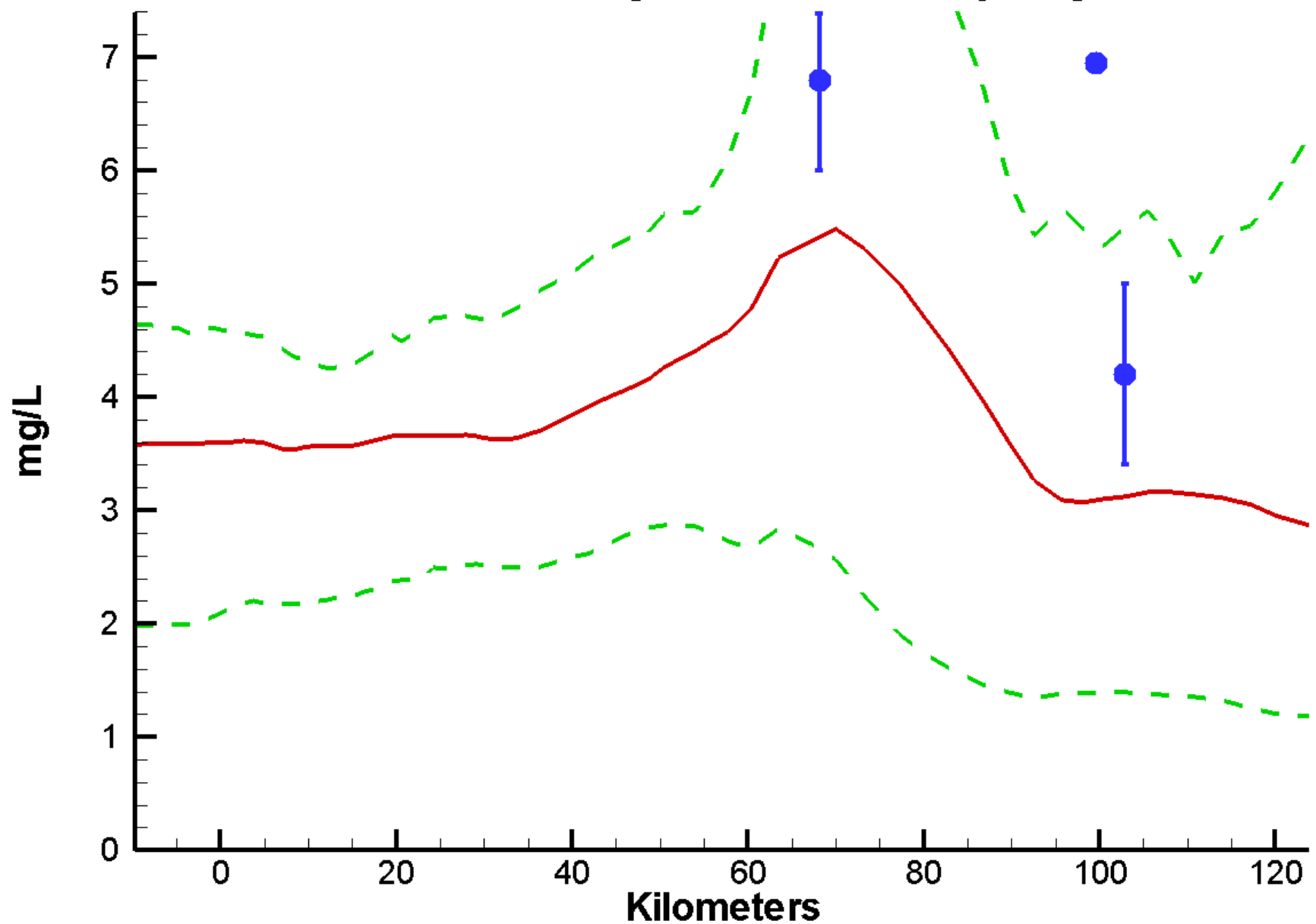
# York River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1996



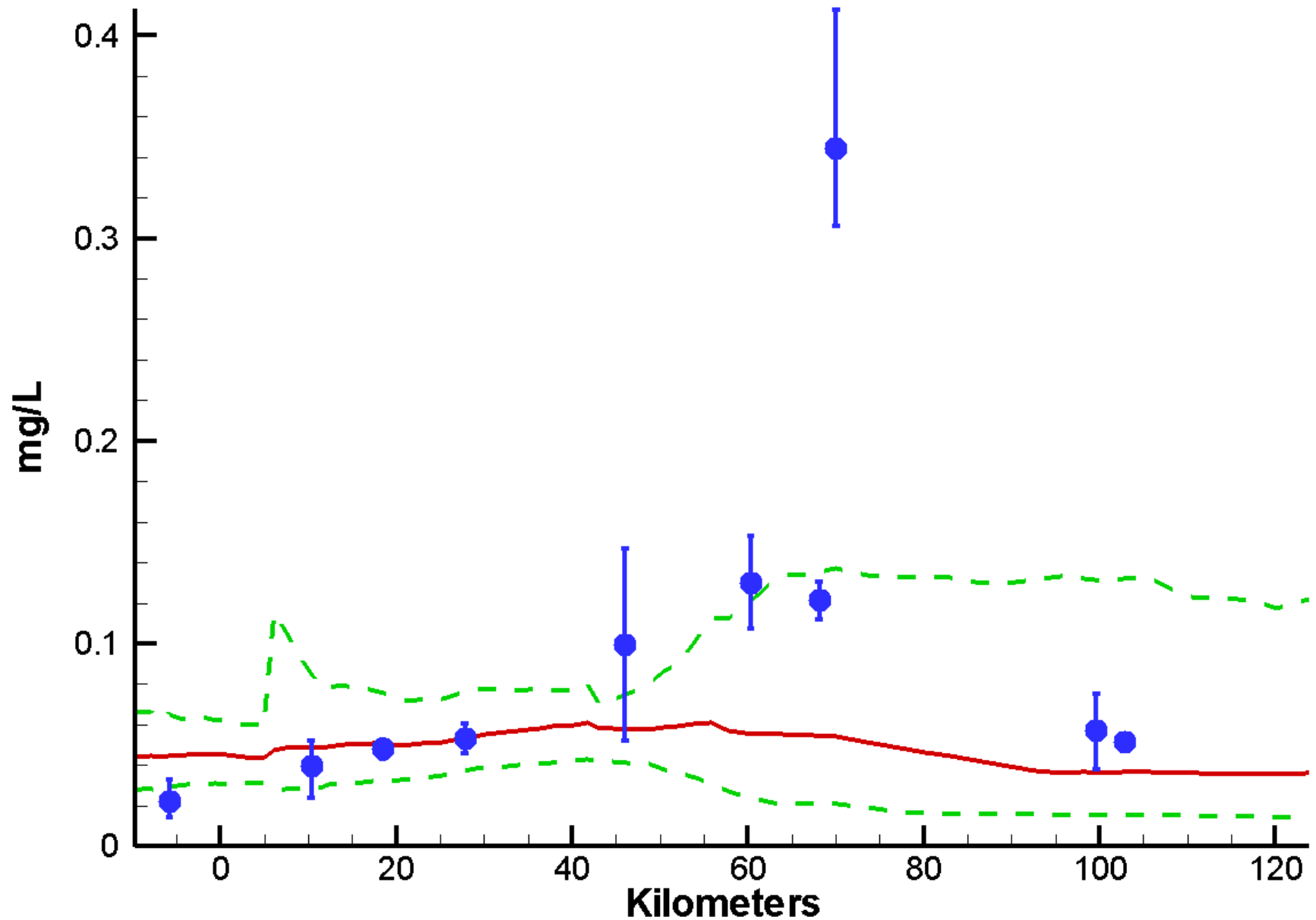
# York River Ches2015 Run118

## Surface Total Organic Carbon Spring 1996



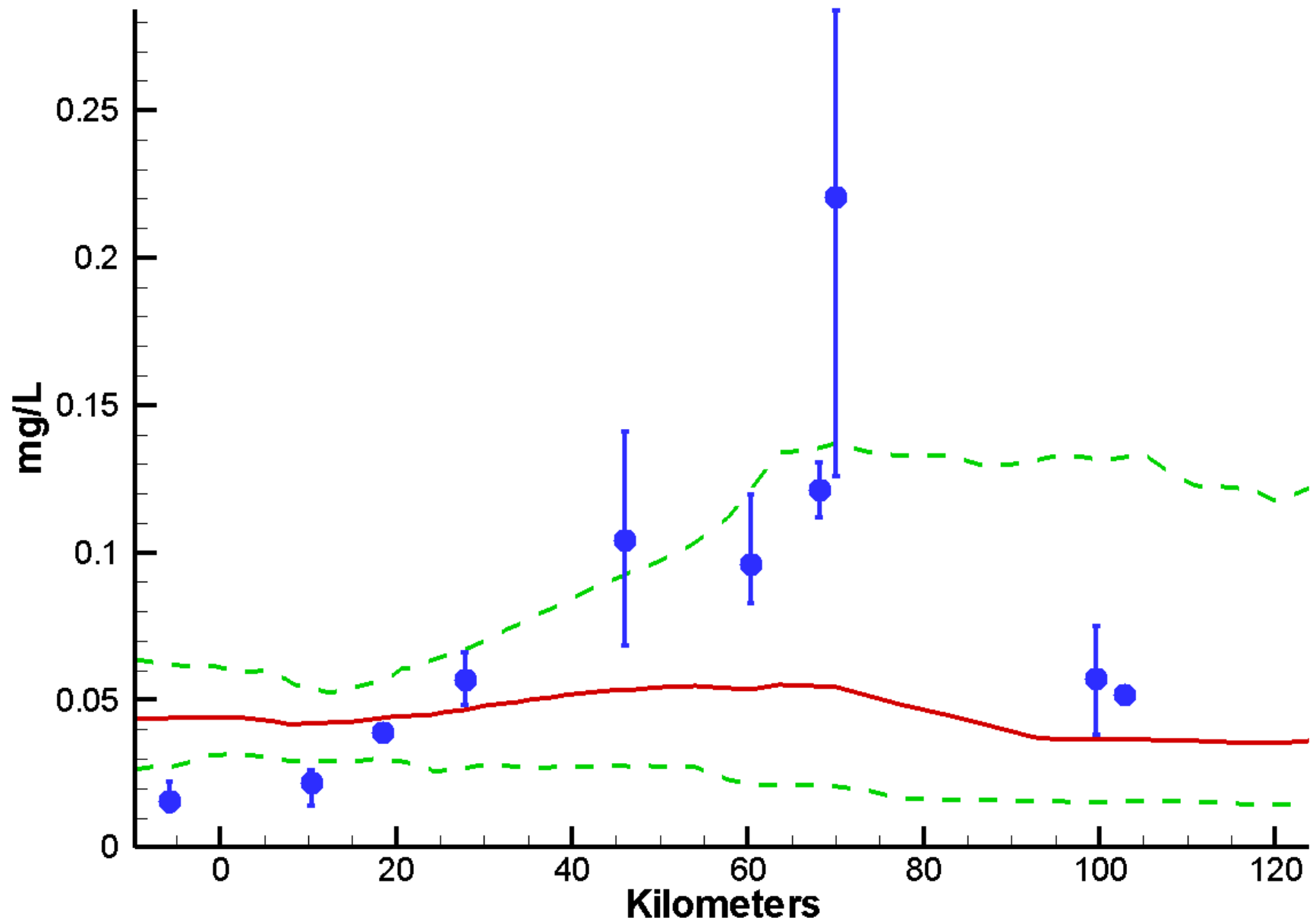
# York River Ches2015 Run118

## Bottom Total Phosphorus Spring 1996



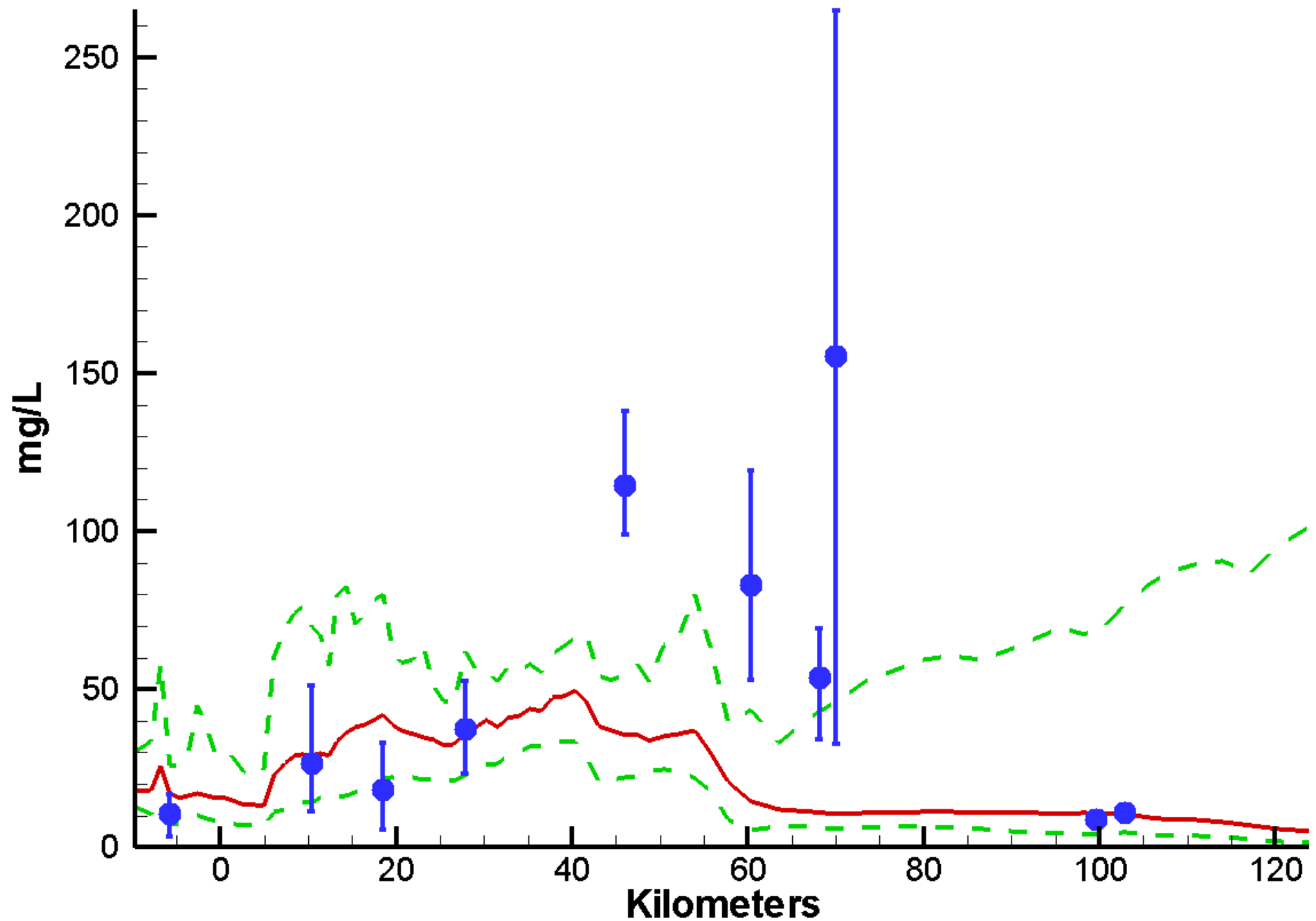
# York River Ches2015 Run118

## Surface Total Phosphorus Spring 1996



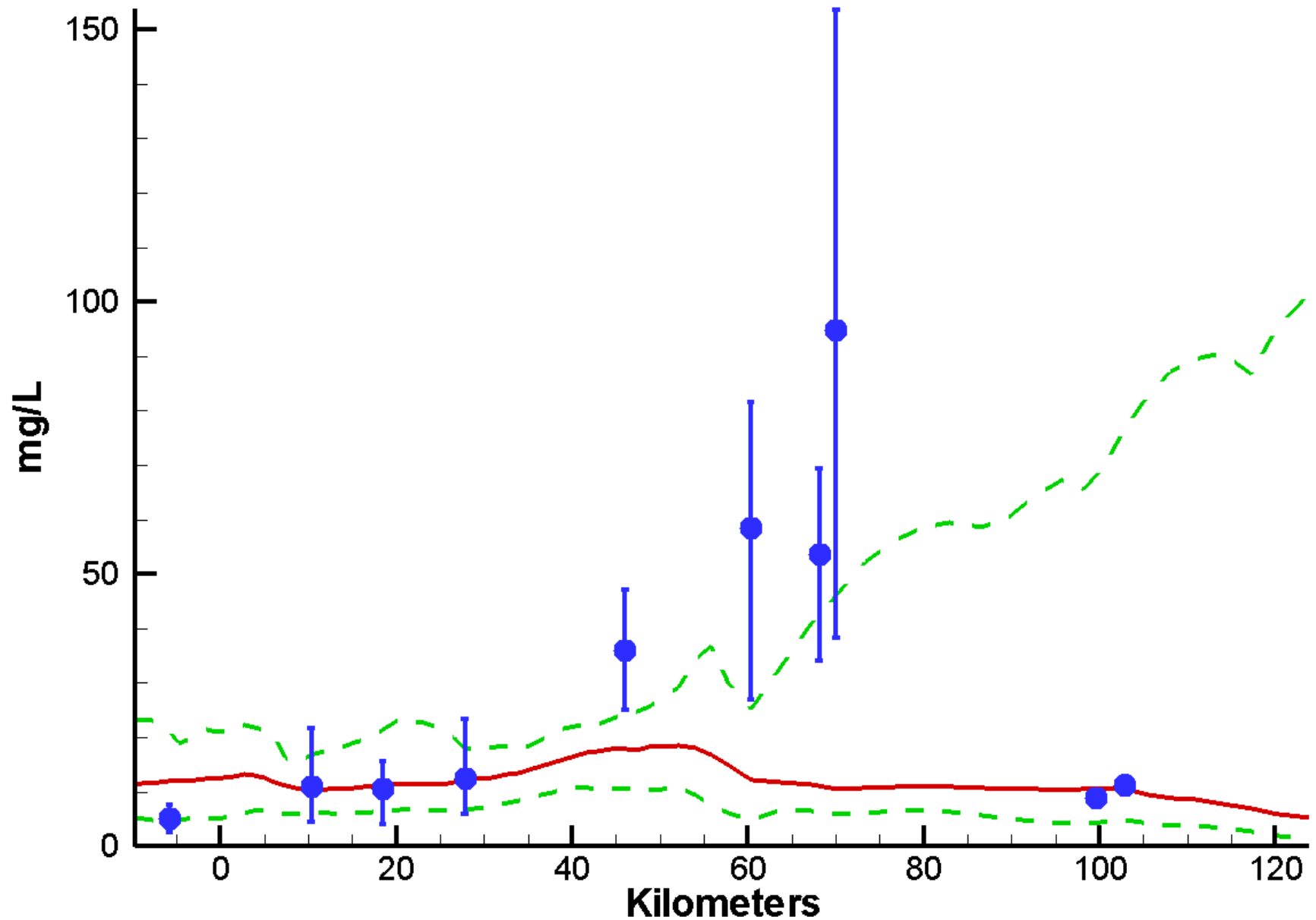
# York River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1996



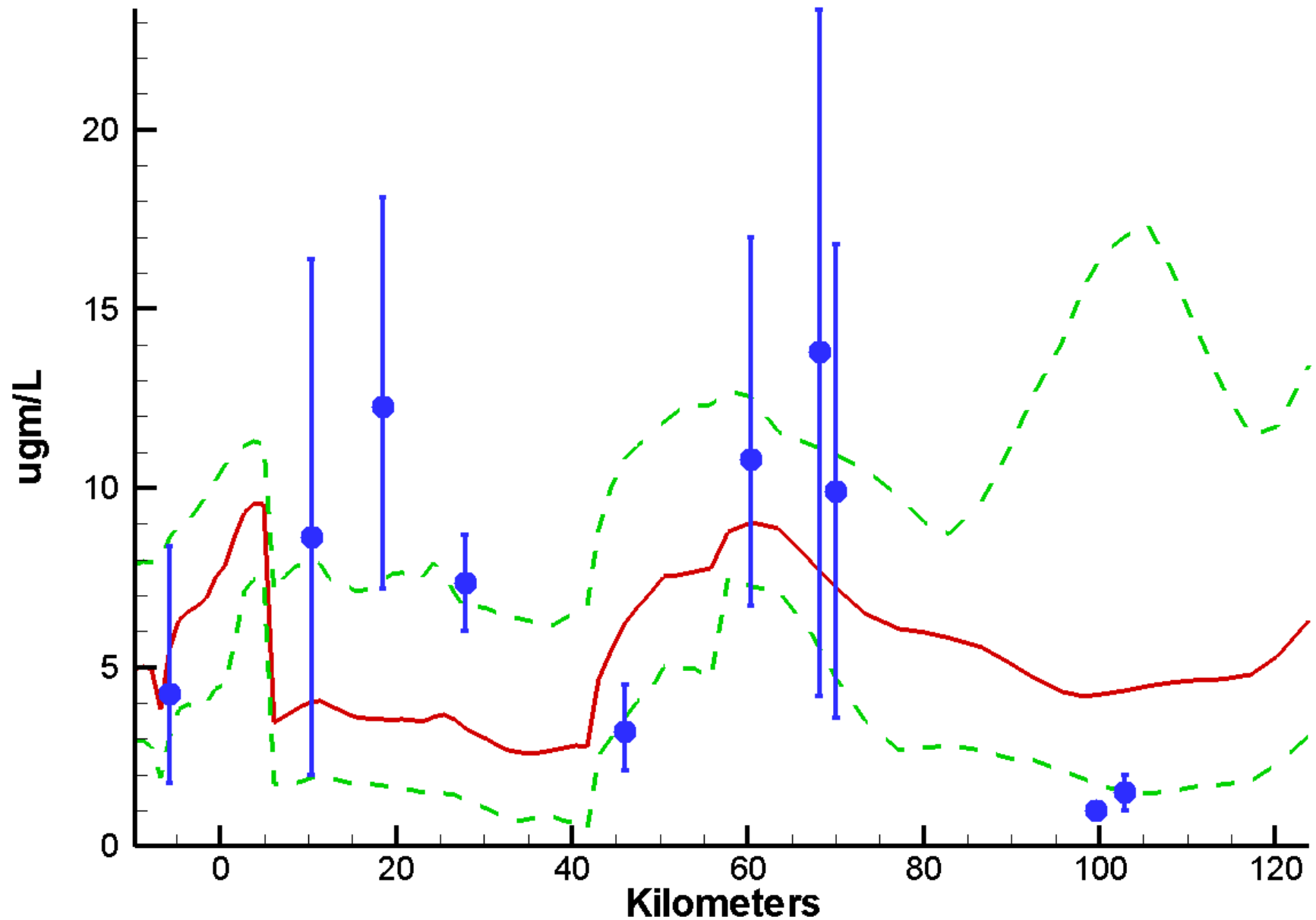
# York River Ches2015 Run118

## Surface Total Suspended Solids Spring 1996



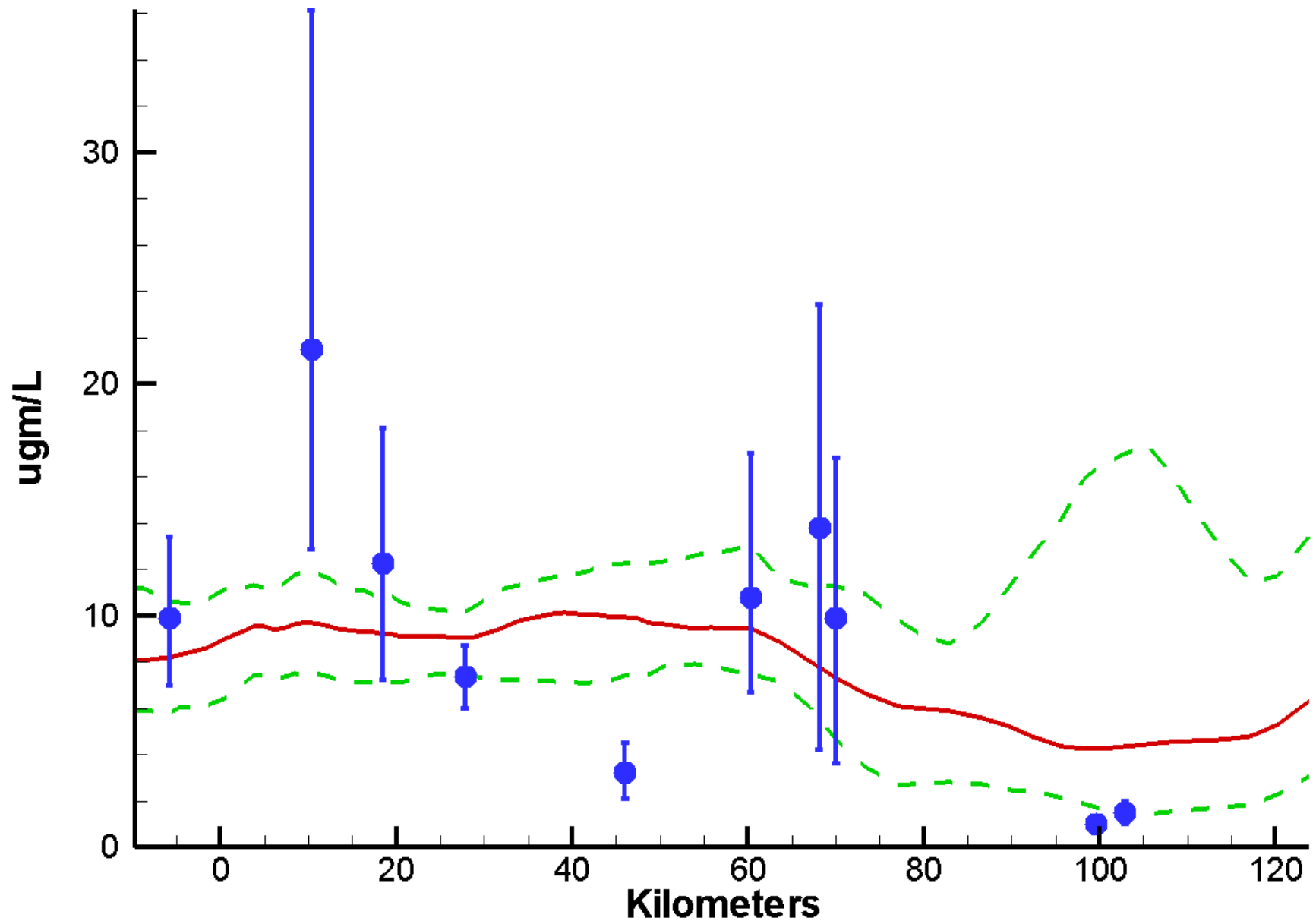
# York River Ches2015 Run118

## Bottom Chlorophyll Summer 1996



# York River Ches2015 Run118

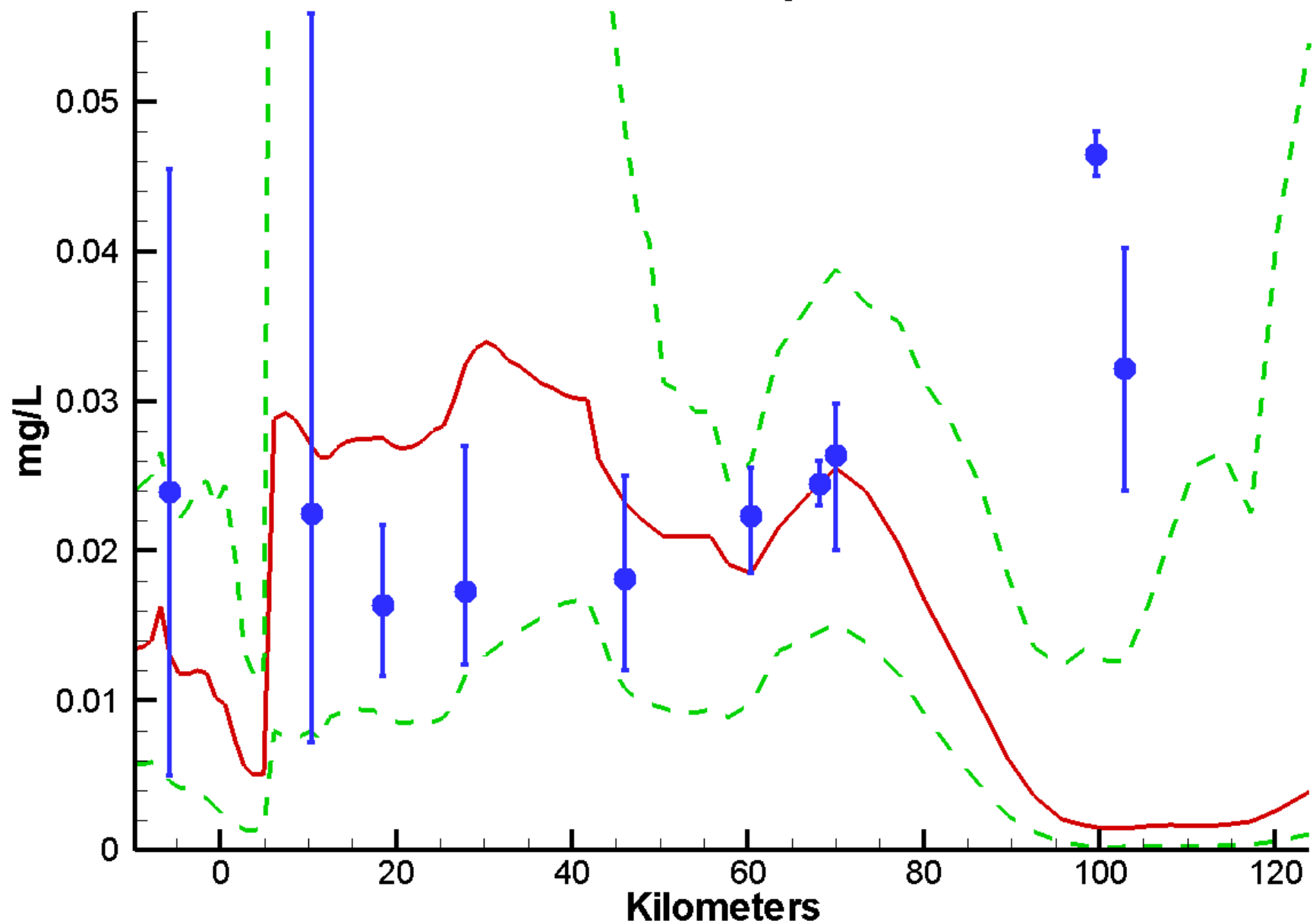
## Surface Chlorophyll Summer 1996





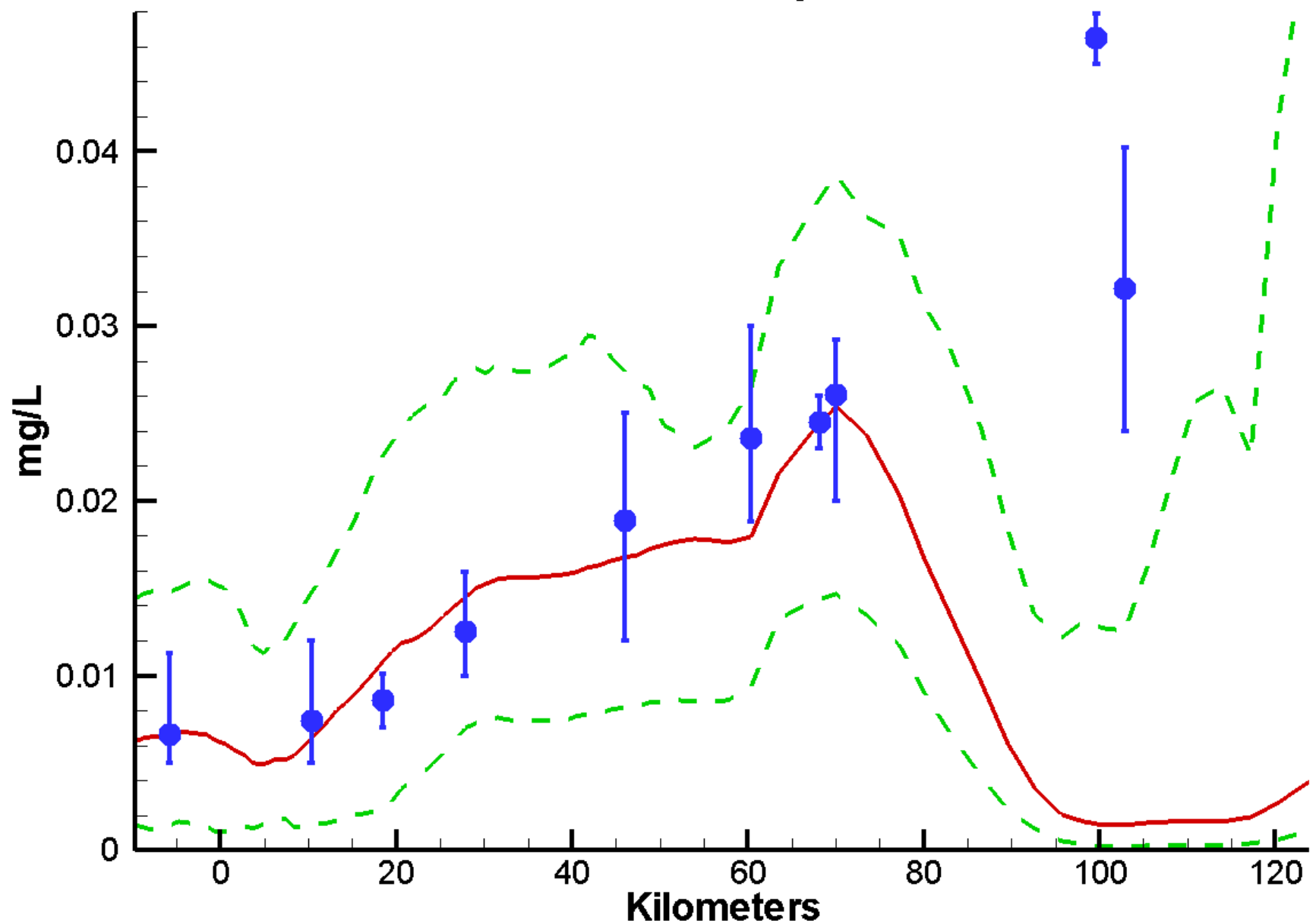
# York River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1996



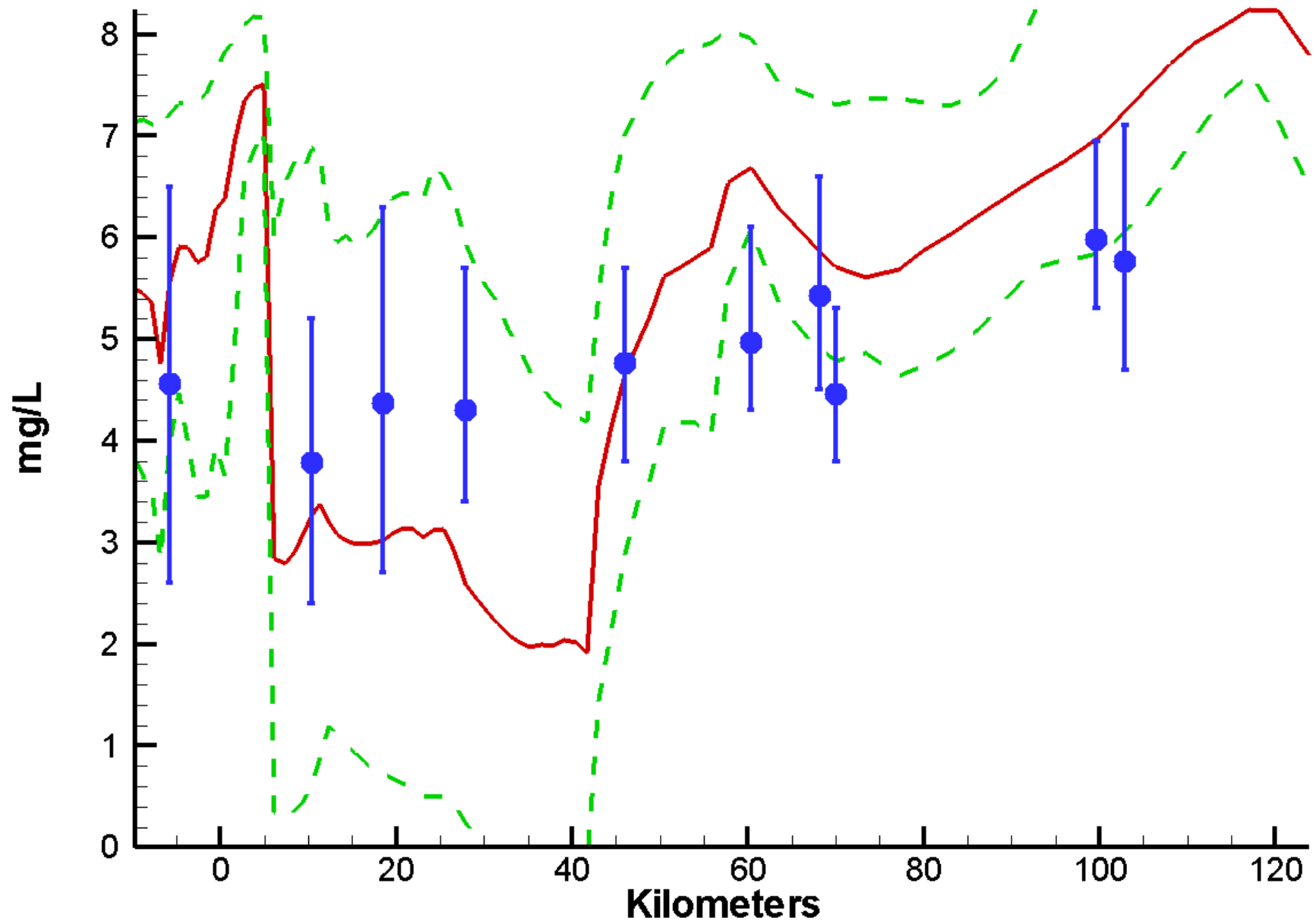
# York River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1996



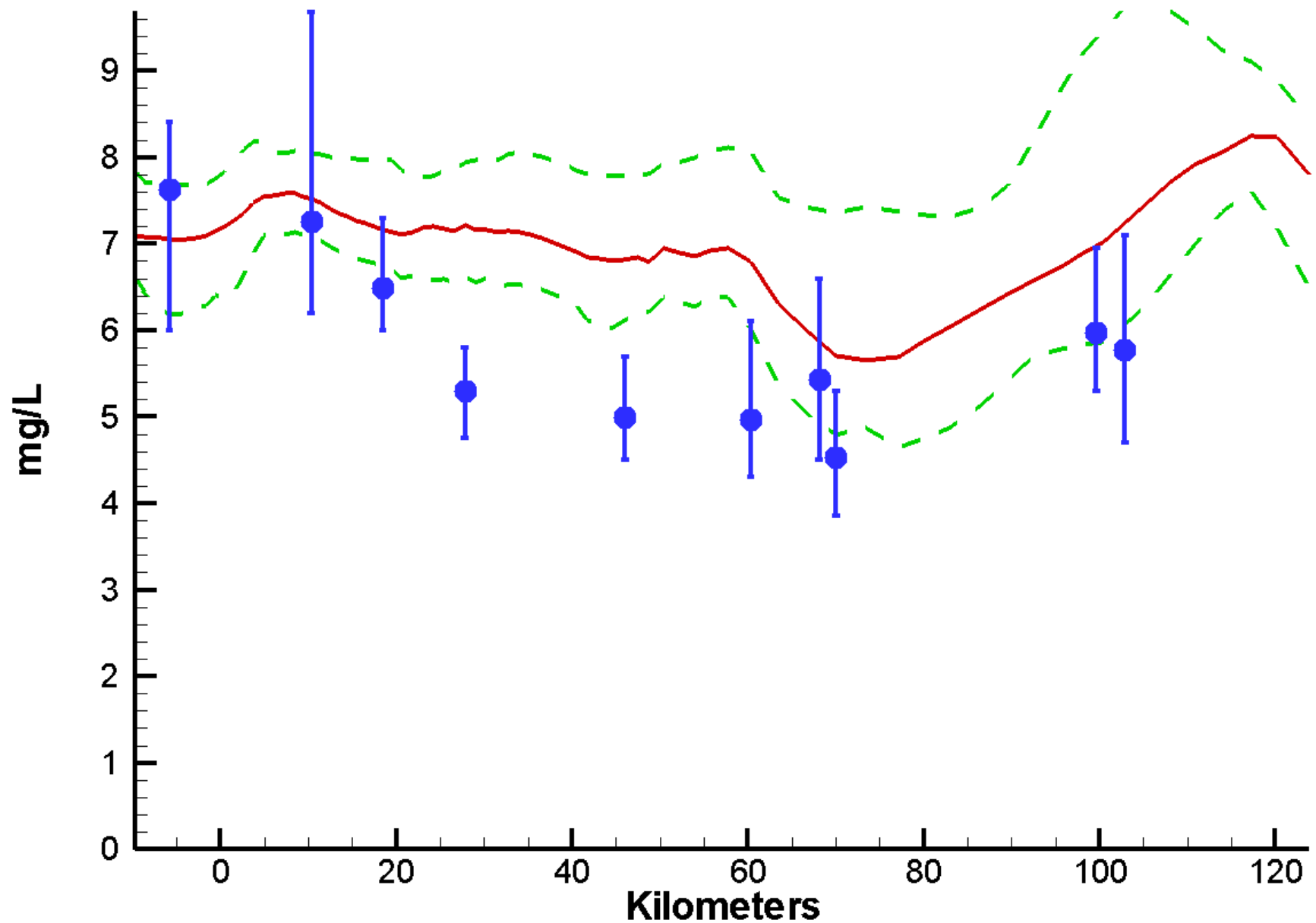
# York River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1996



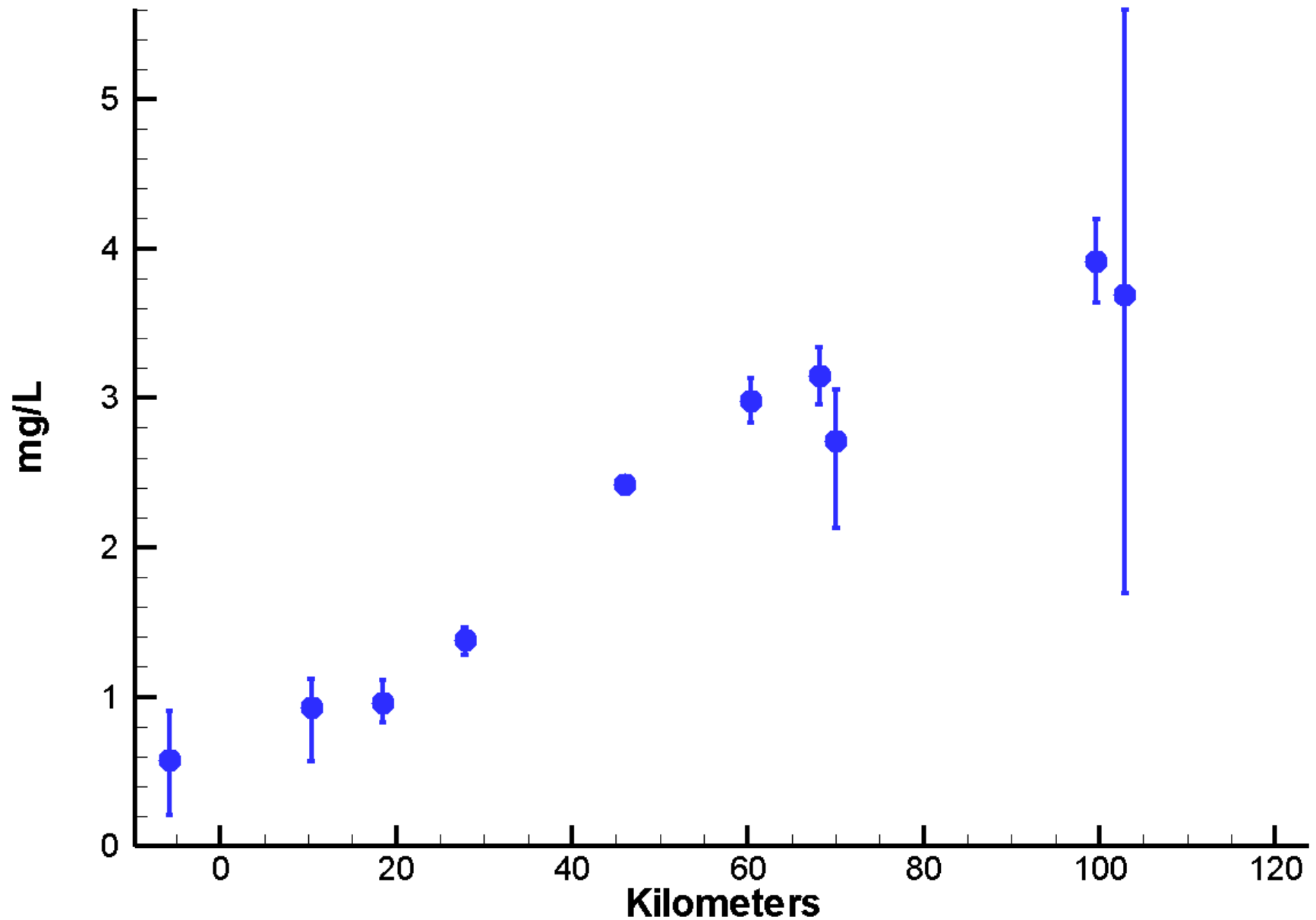
# York River Ches2015 Run118

## Surface Dissolved Oxygen Summer 1996



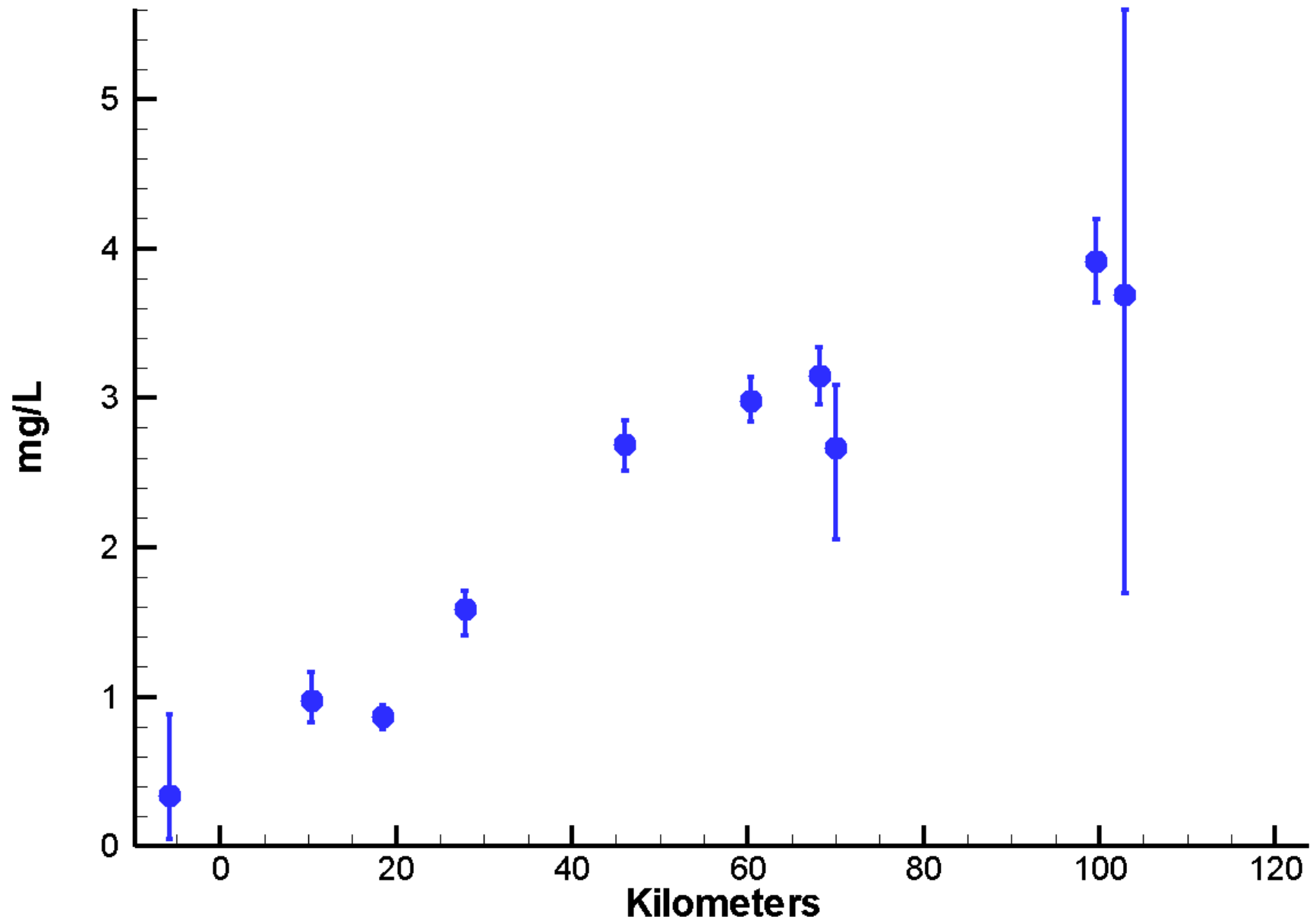
# York River Ches2015 Run118

## Bottom Dissolved Silica Summer 1996



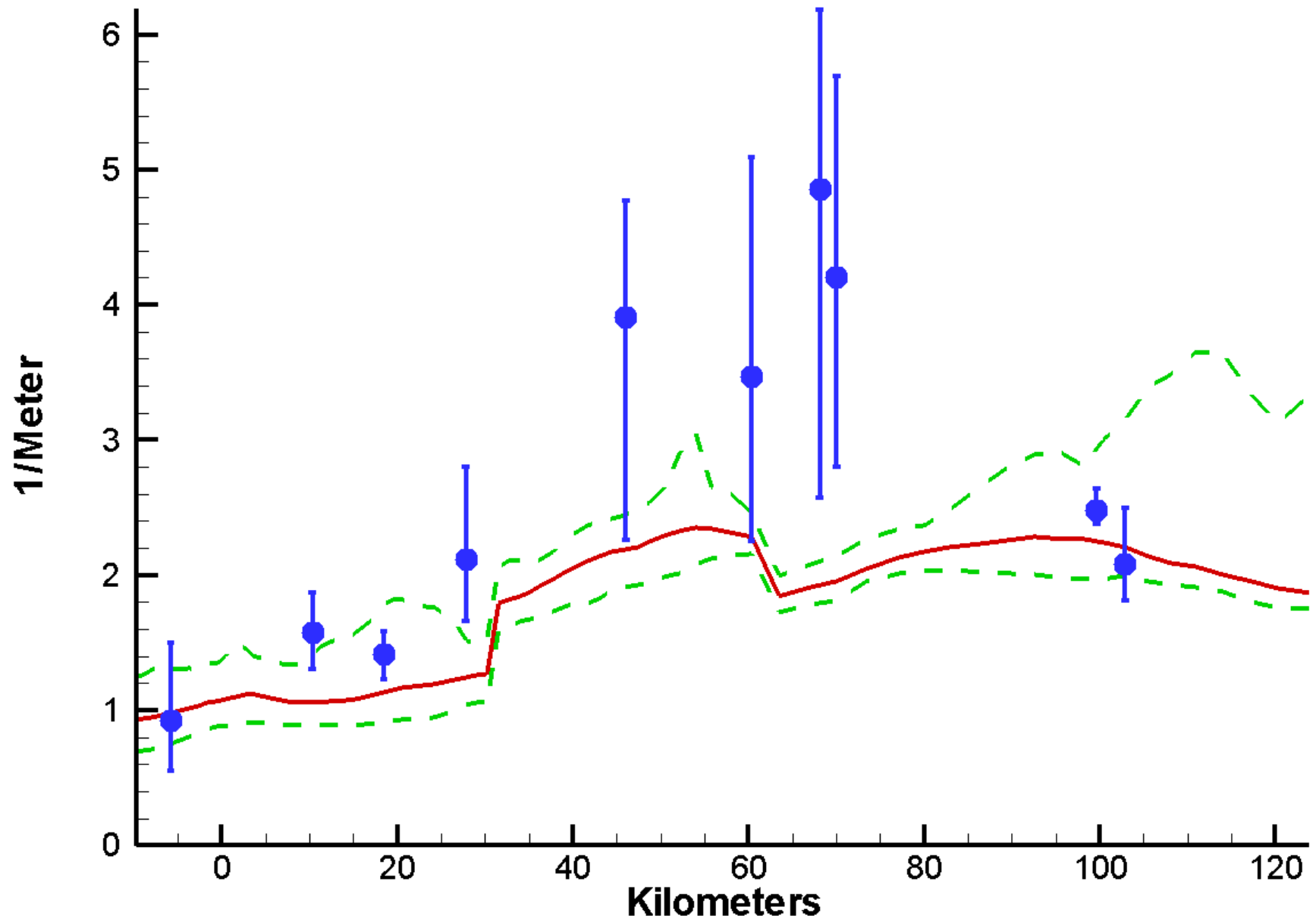
# York River Ches2015 Run118

## Surface Dissolved Silica Summer 1996



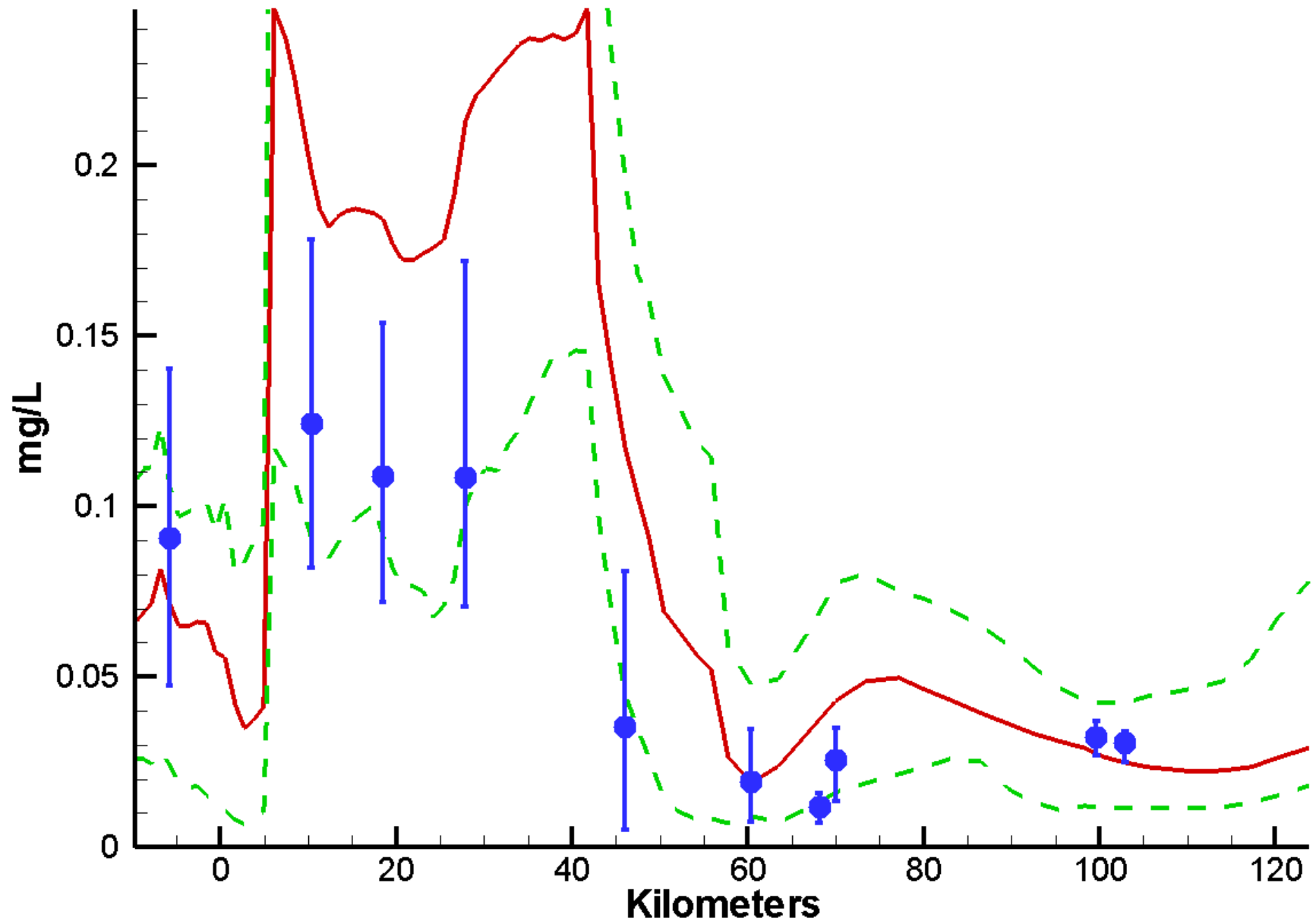
# York River Ches2015 Run118

## Surface Light Extinction Summer 1996



# York River Ches2015 Run118

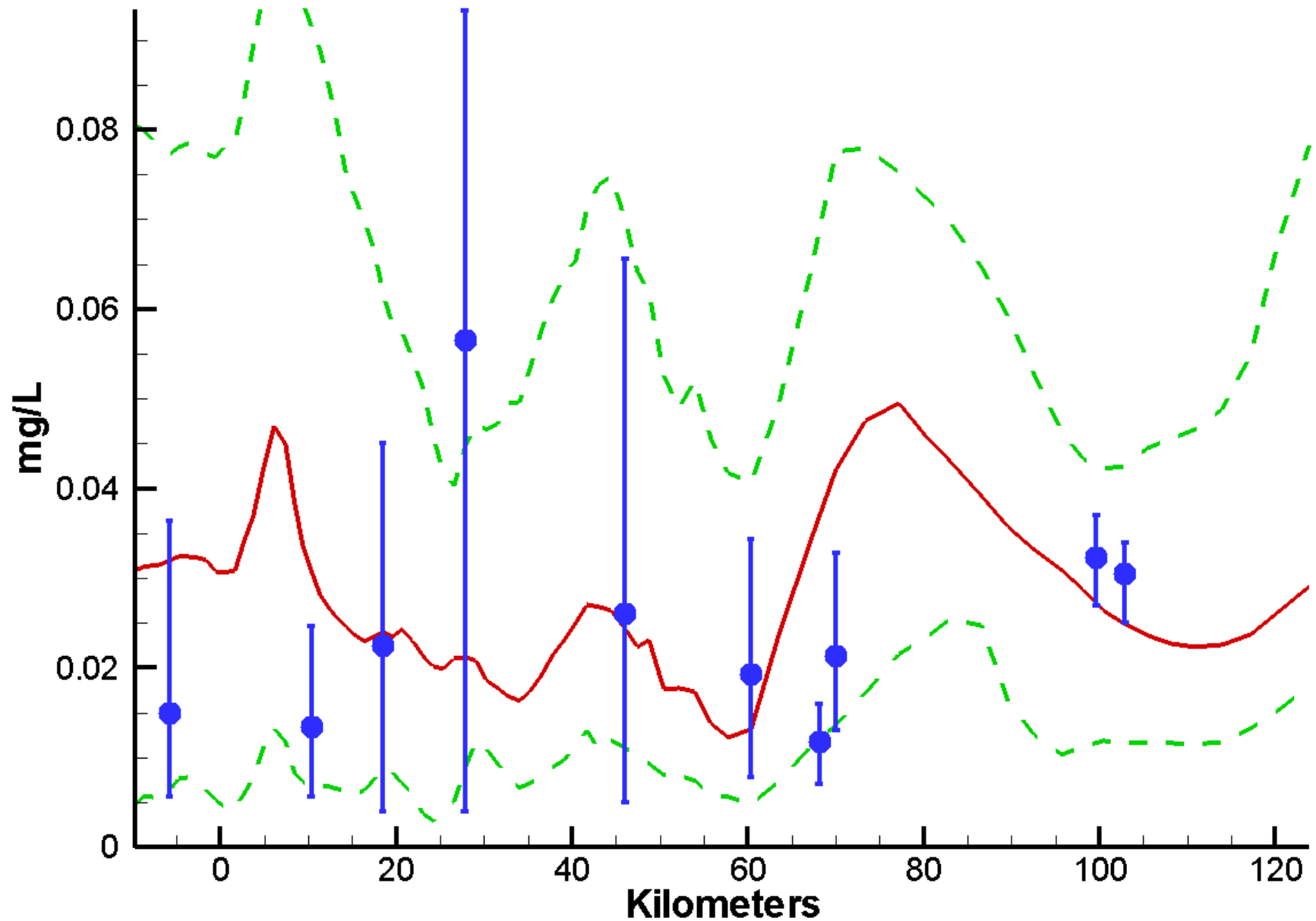
## Bottom Ammonium Summer 1996





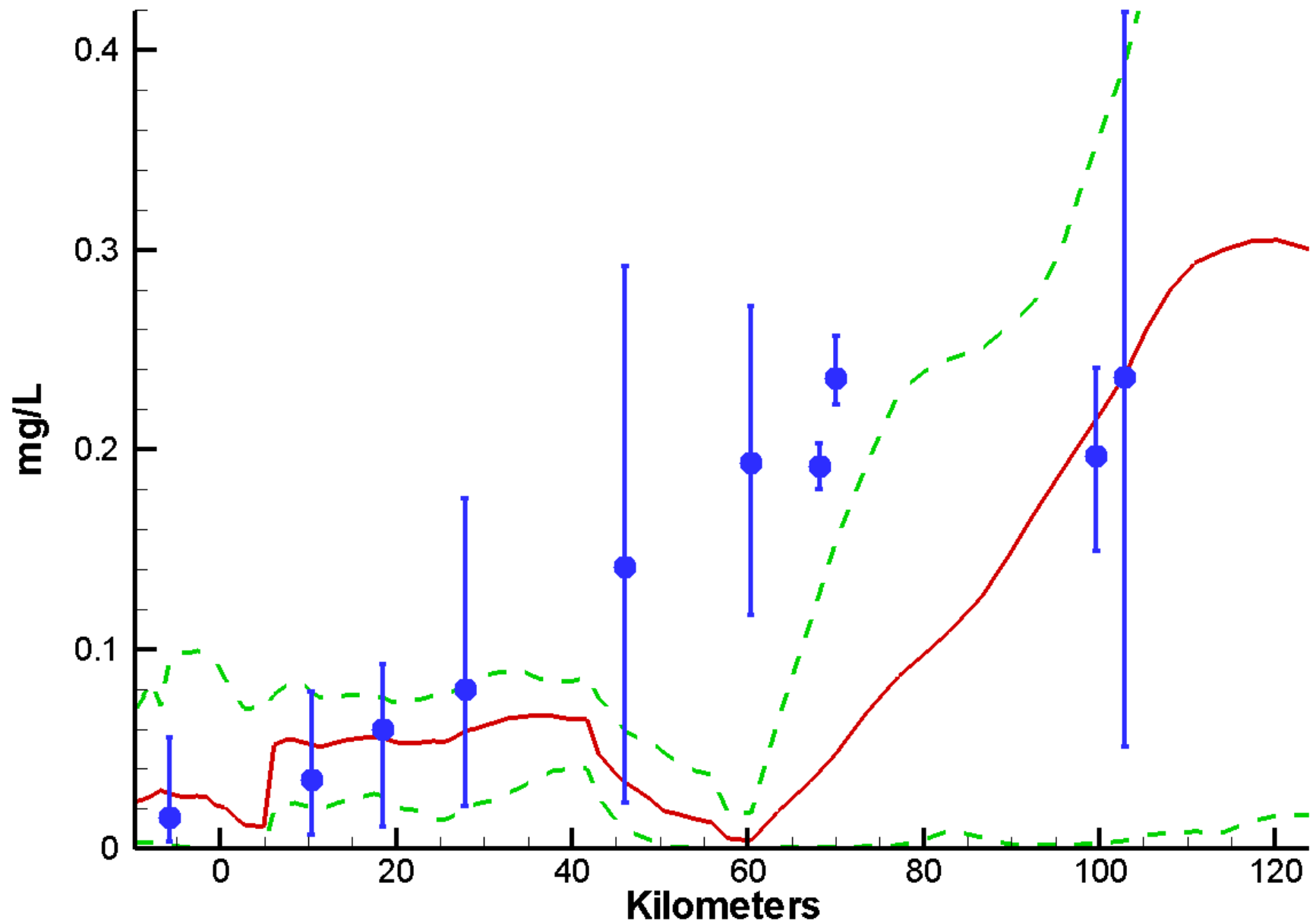
# York River Ches2015 Run118

## Surface Ammonium Summer 1996



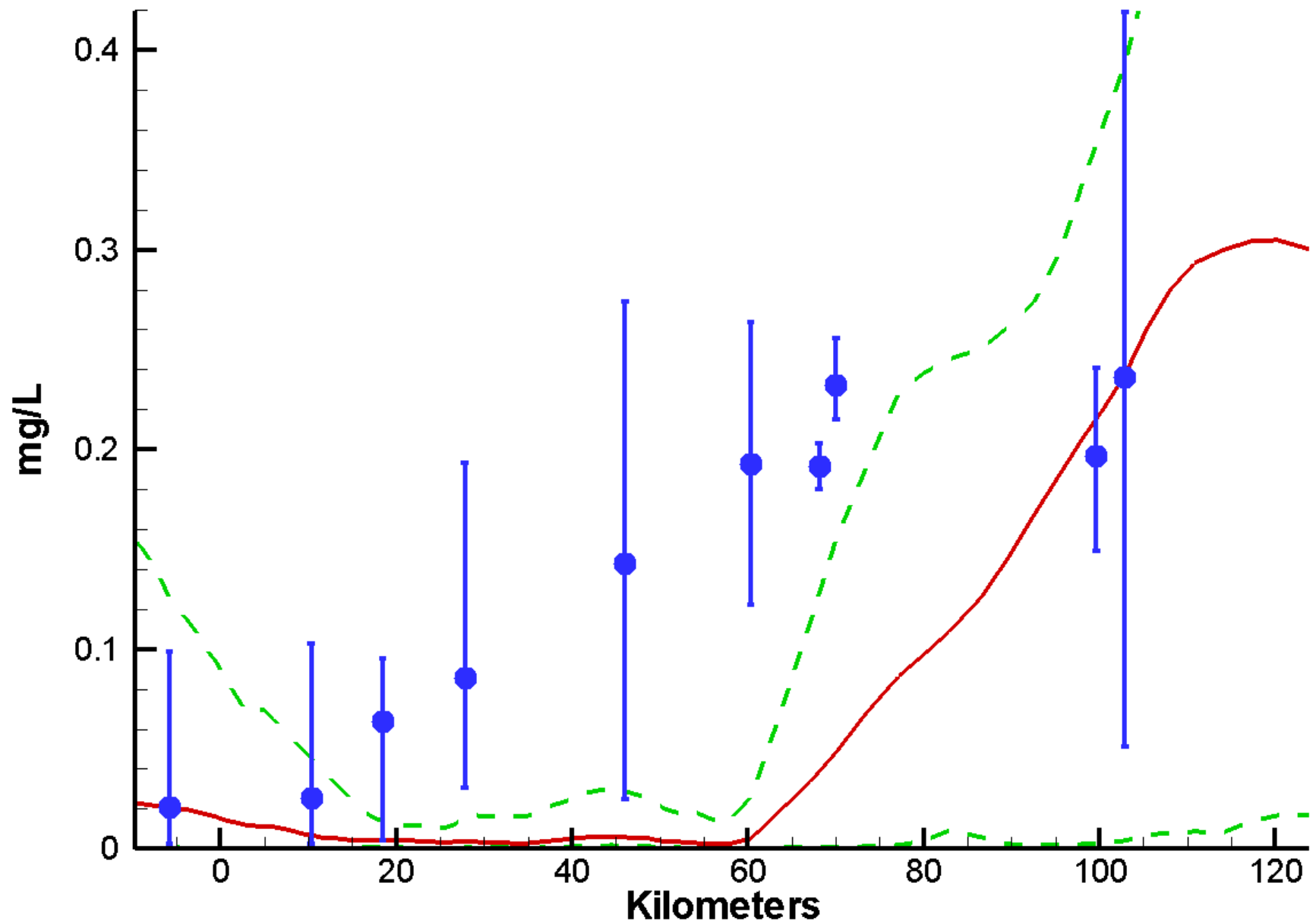
# York River Ches2015 Run118

## Bottom Nitrate Summer 1996



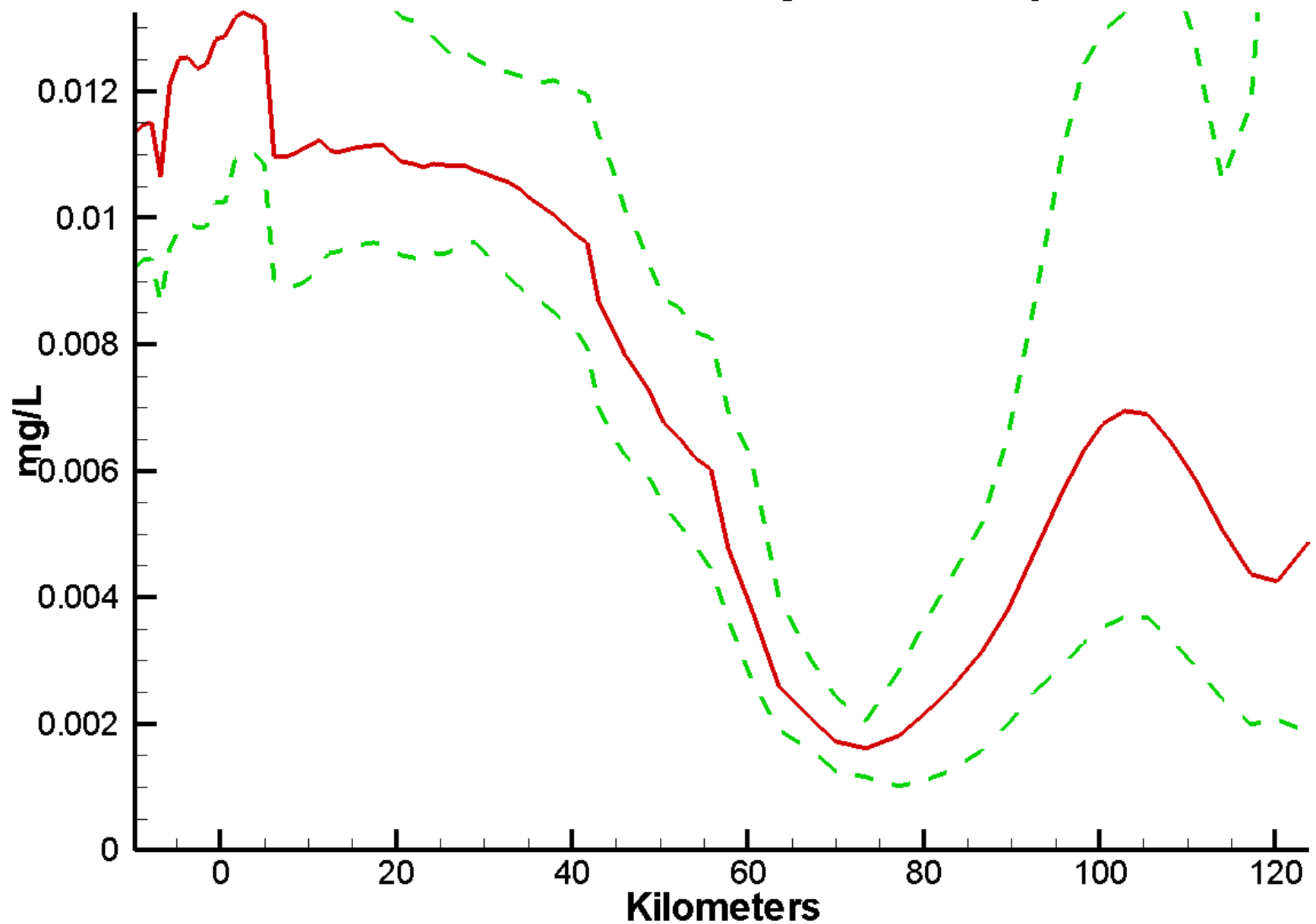
# York River Ches2015 Run118

## Surface Nitrate Summer 1996



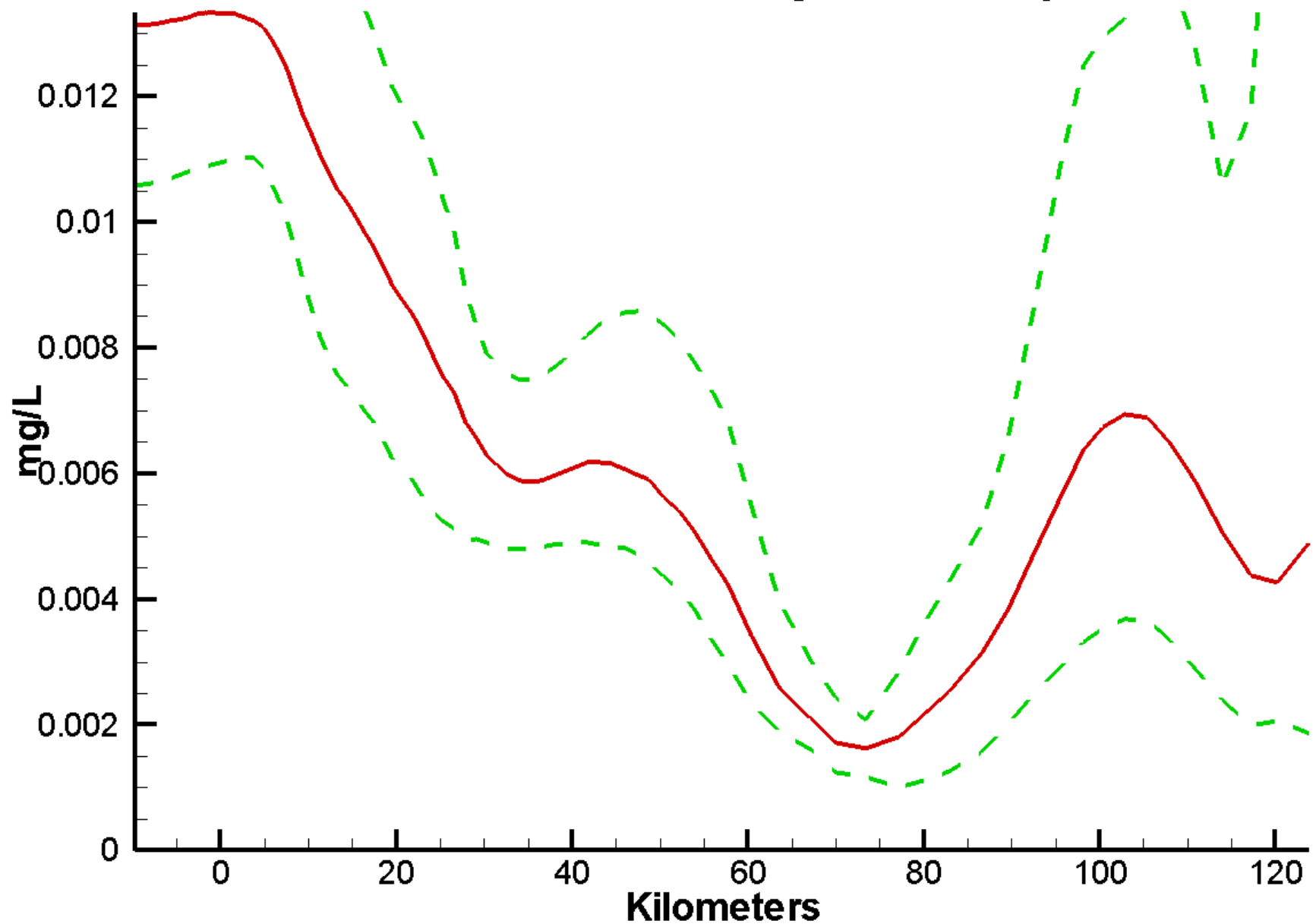
# York River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Summer 199



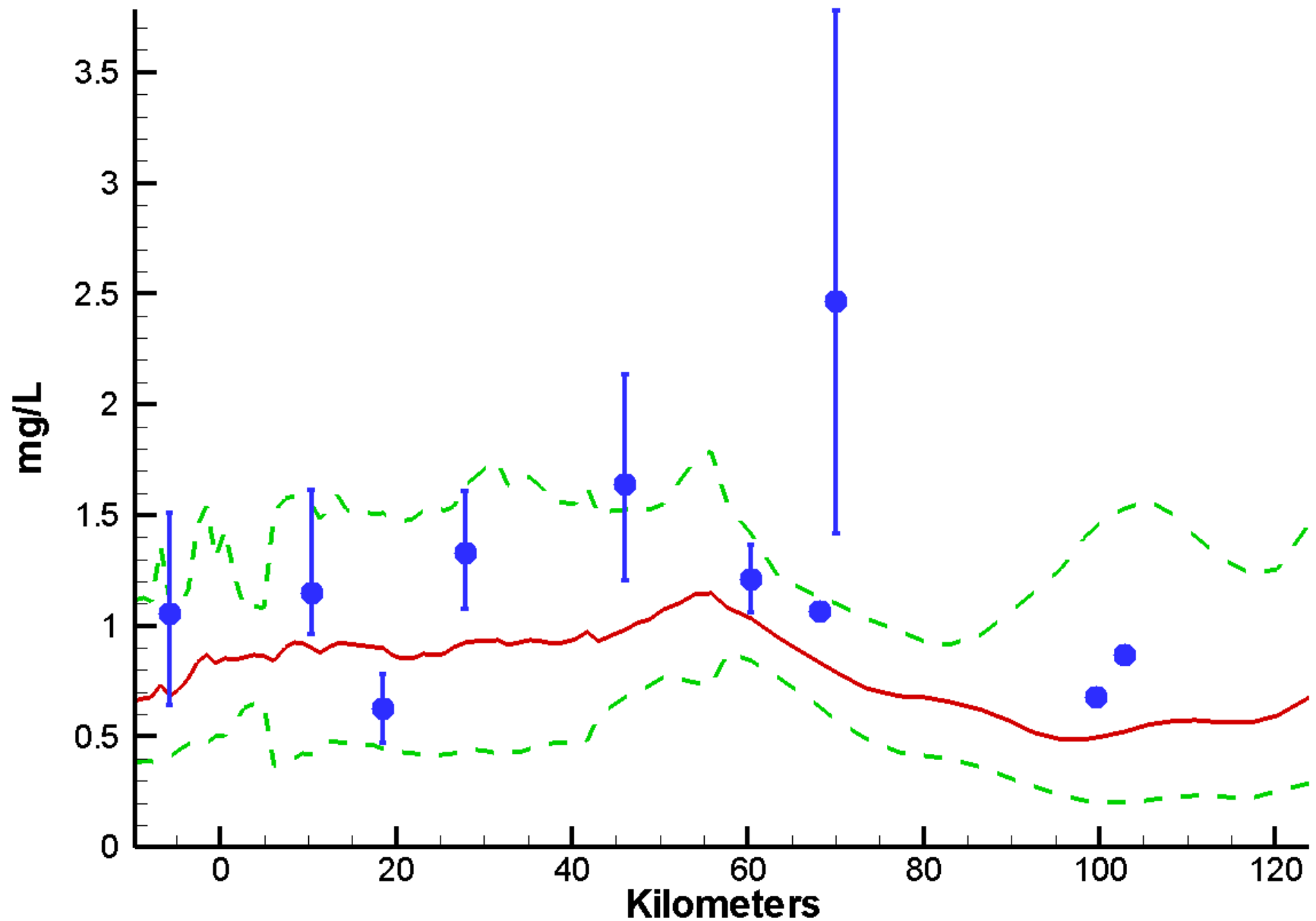
# York River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



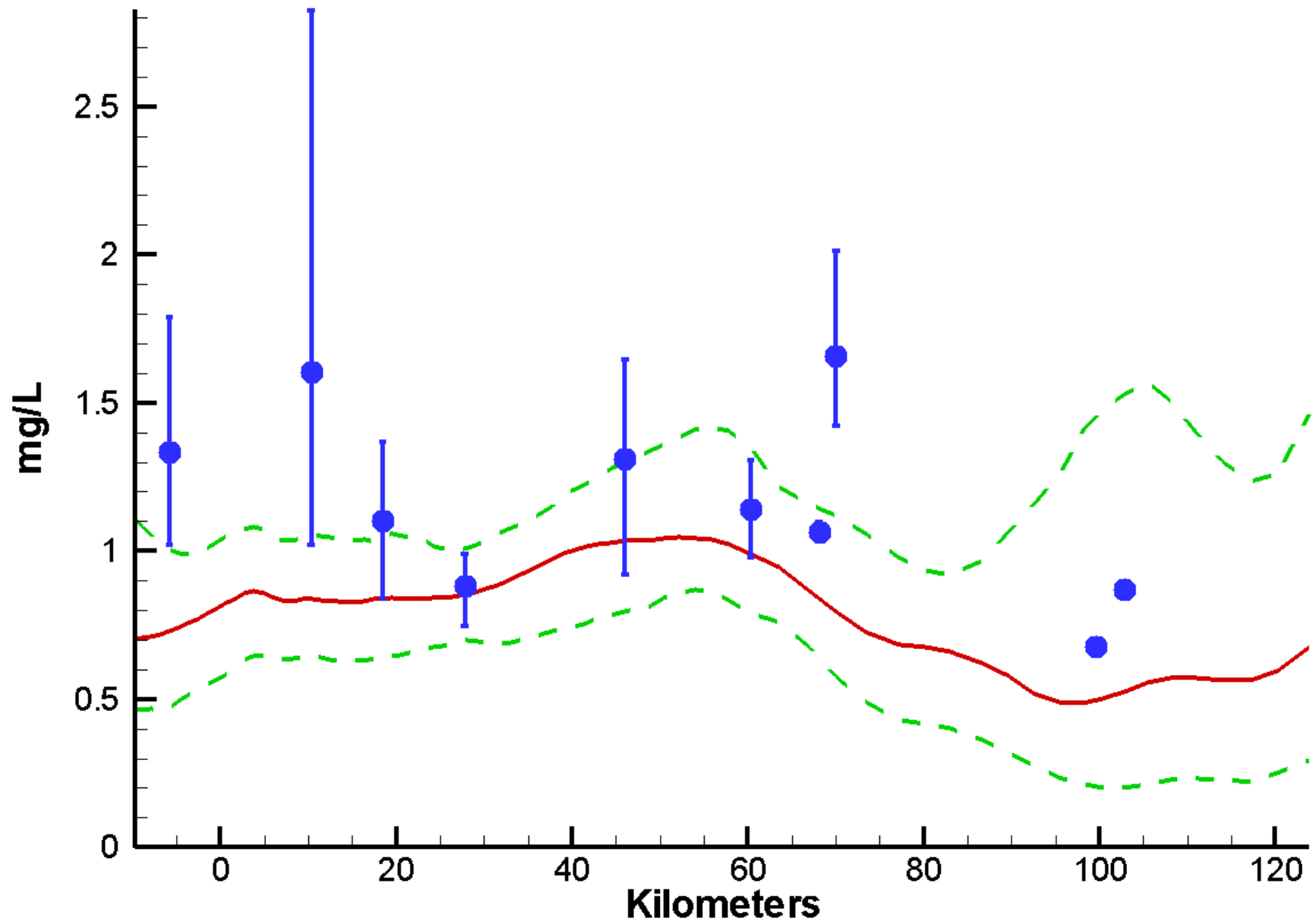
# York River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1996



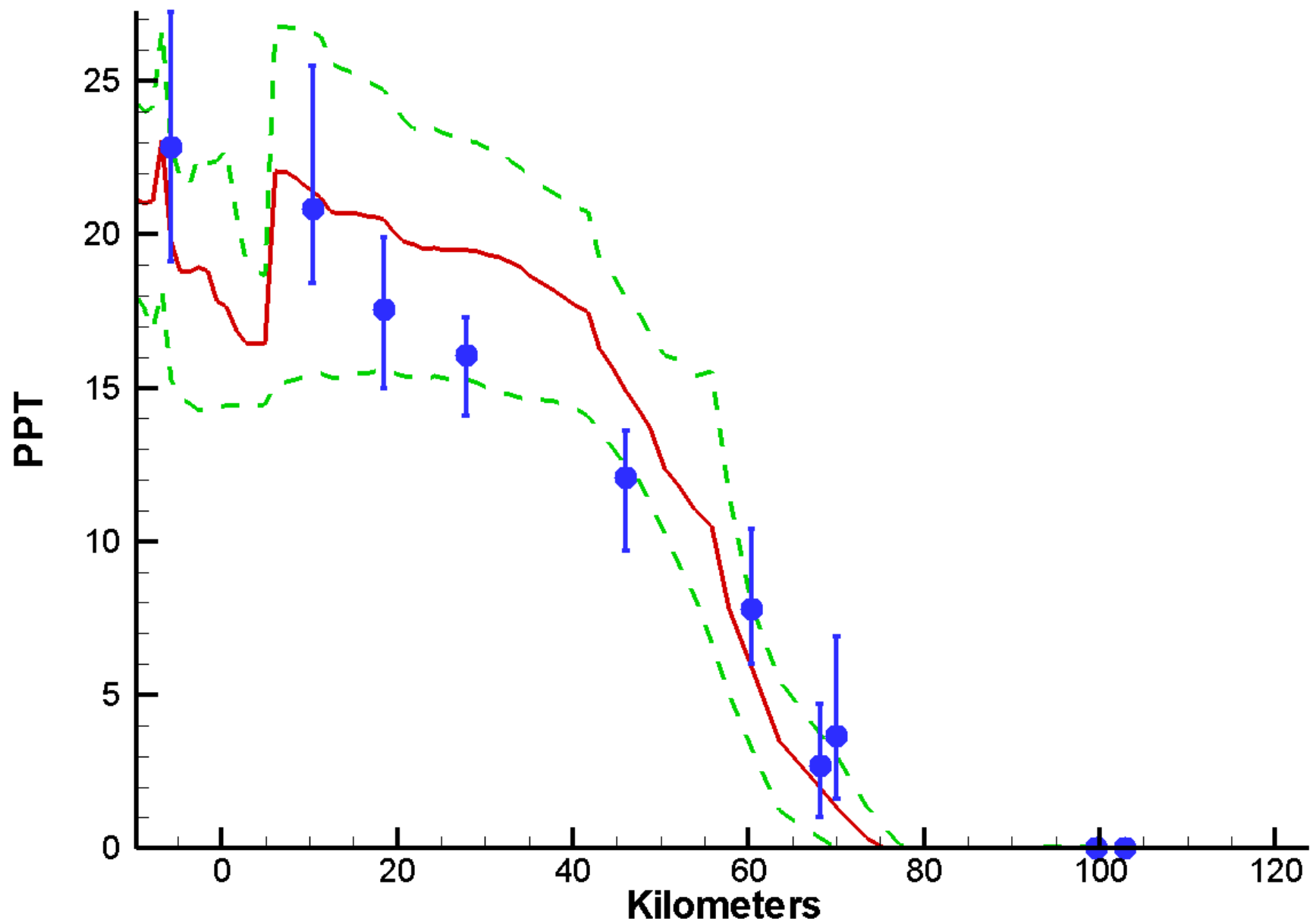
# York River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1996



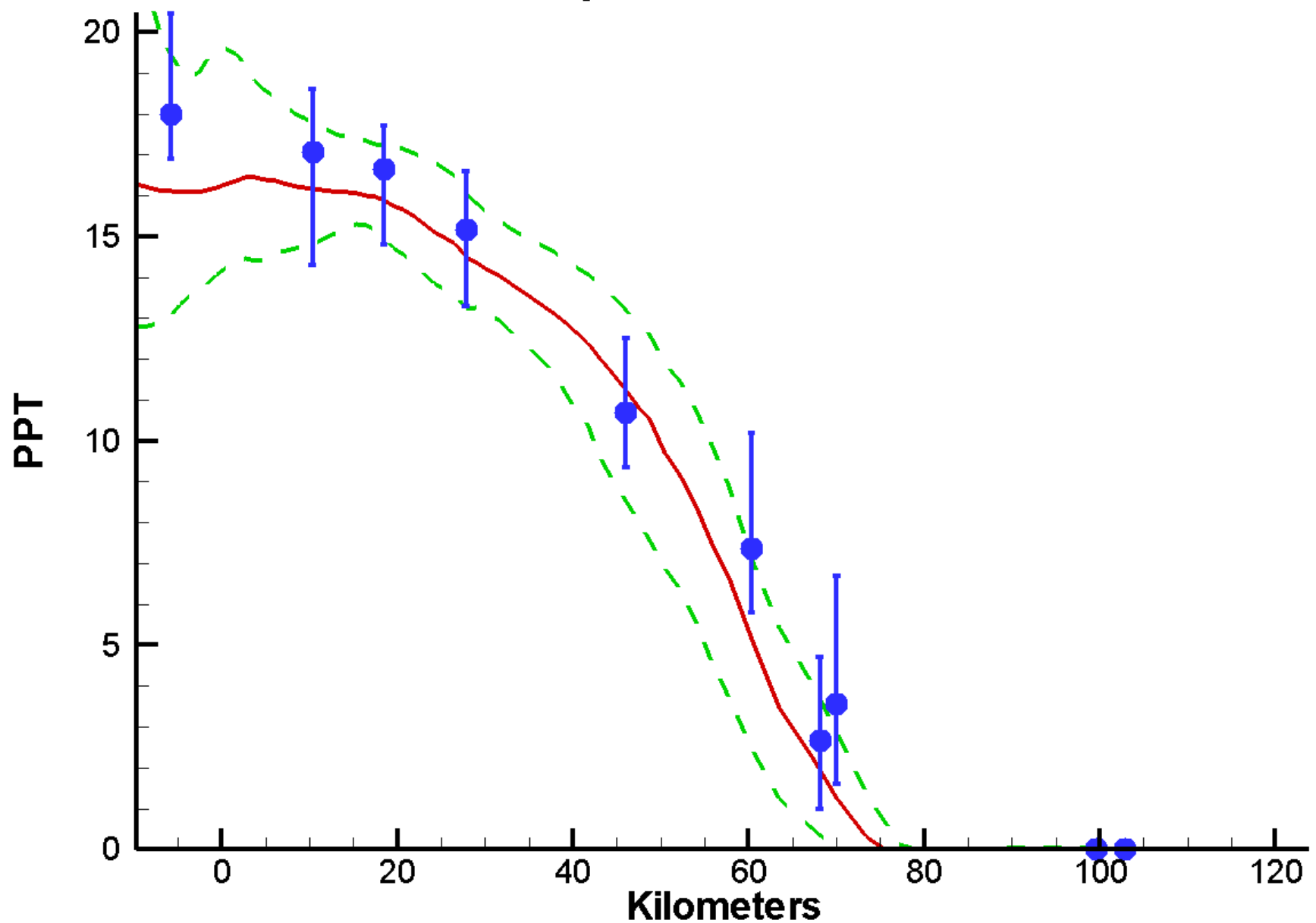
# York River Ches2015 Run118

## Bottom Salinity Summer 1996



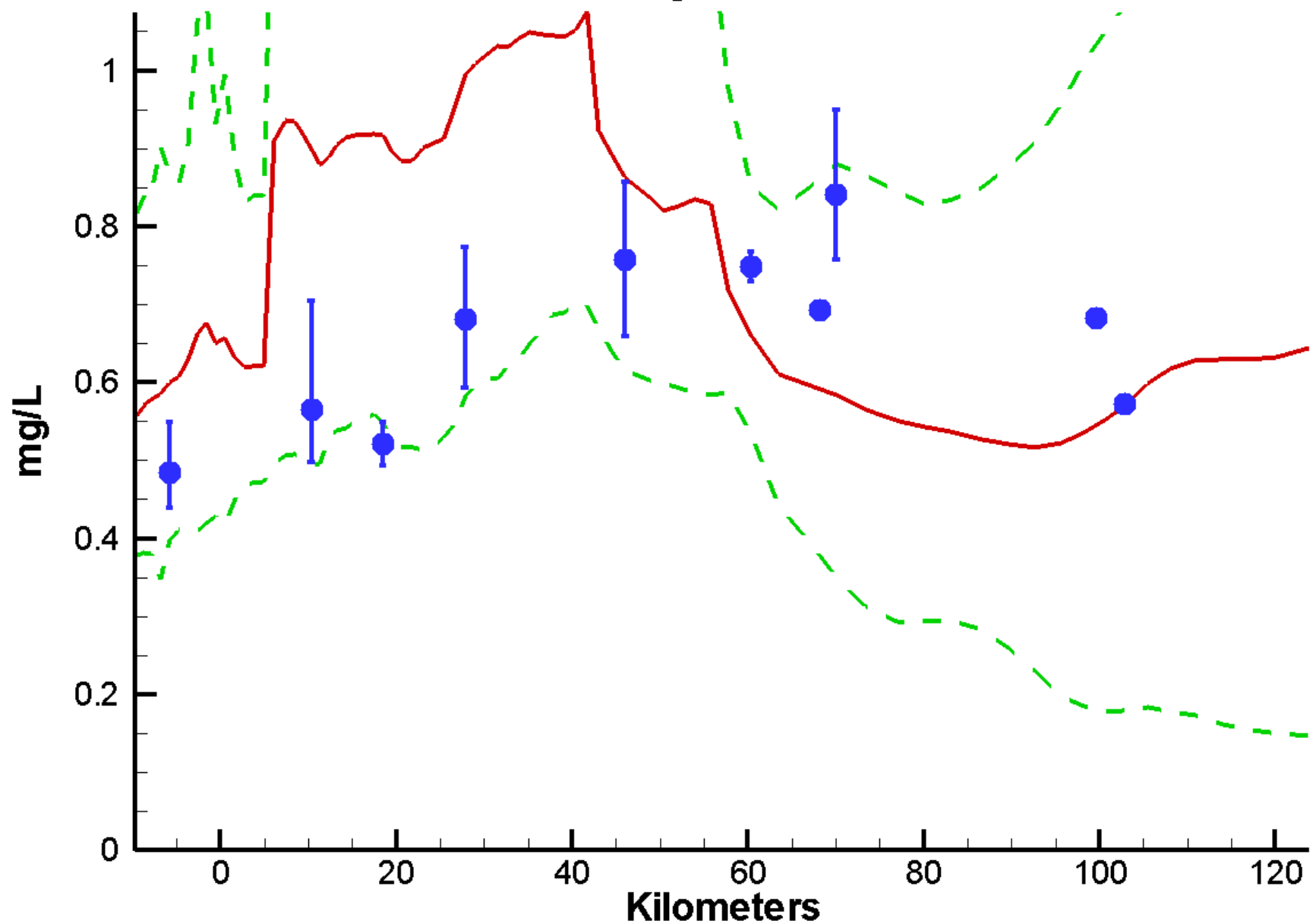


# York River Ches2015 Run118 Surface Salinity Summer 1996



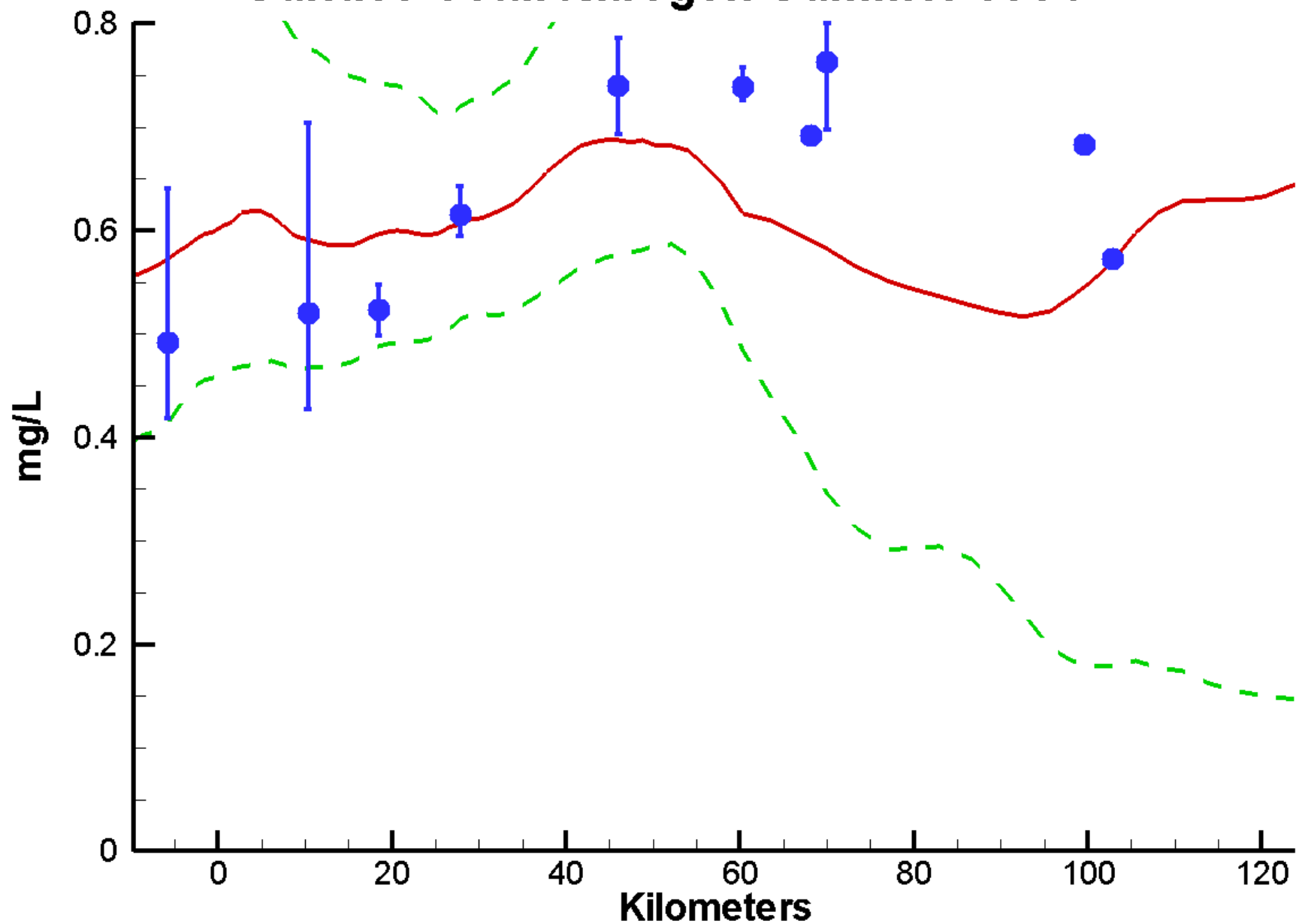
# York River Ches2015 Run118

## Bottom Total Nitrogen Summer 1996



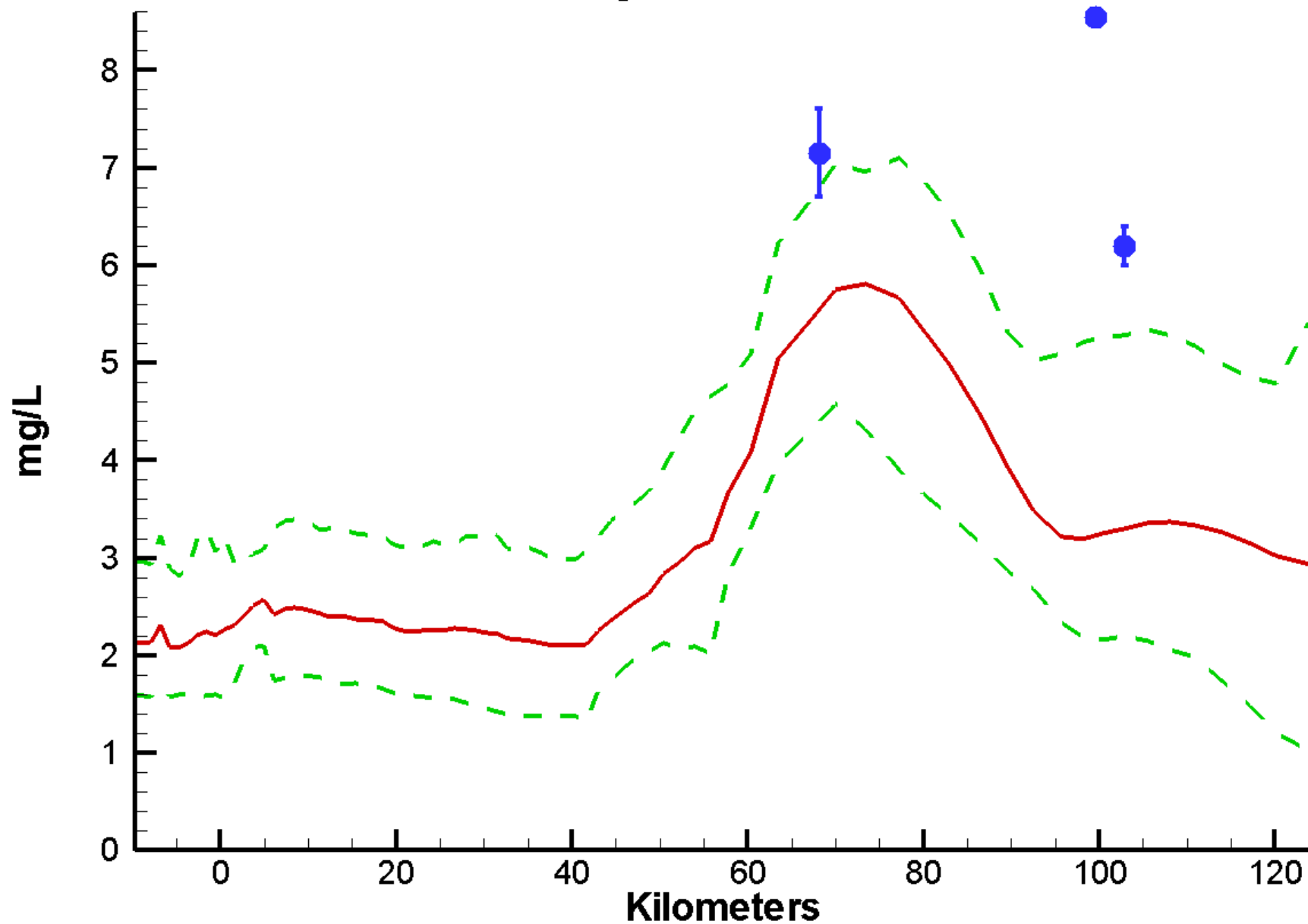
# York River Ches2015 Run118

## Surface Total Nitrogen Summer 1996



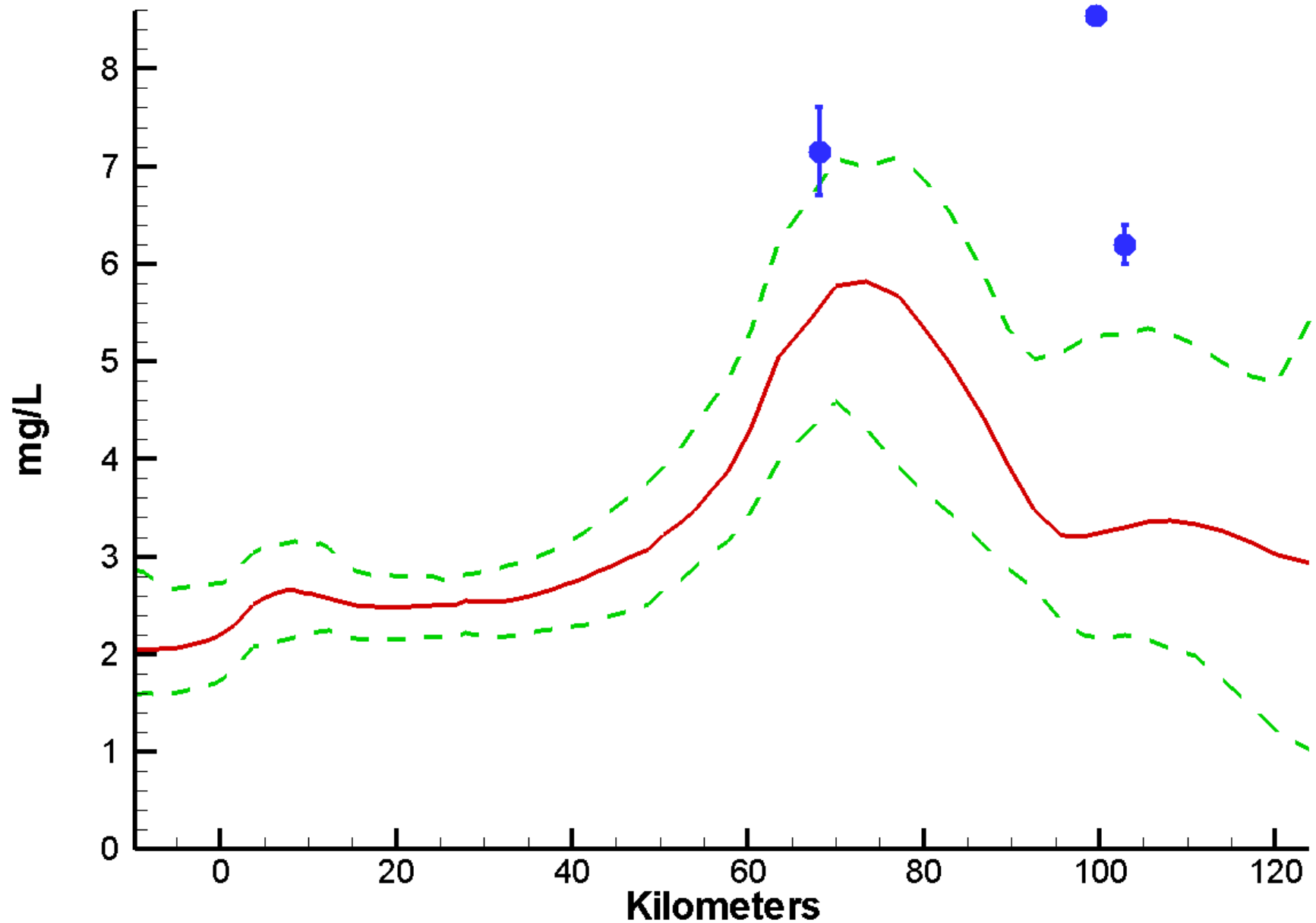
# York River Ches2015 Run118

## Bottom Total Organic Carbon Summer 1996



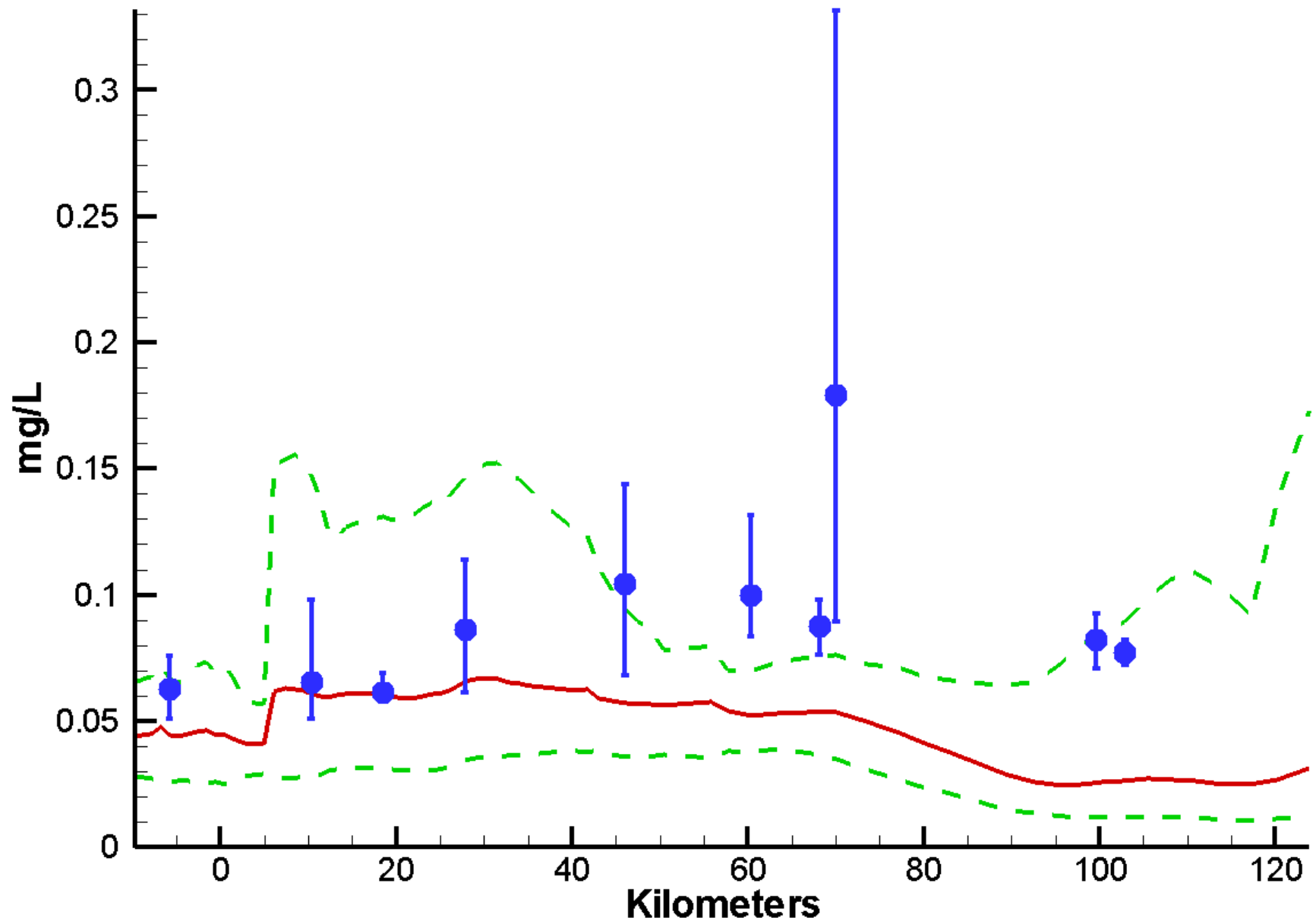
# York River Ches2015 Run118

## Surface Total Organic Carbon Summer 1996



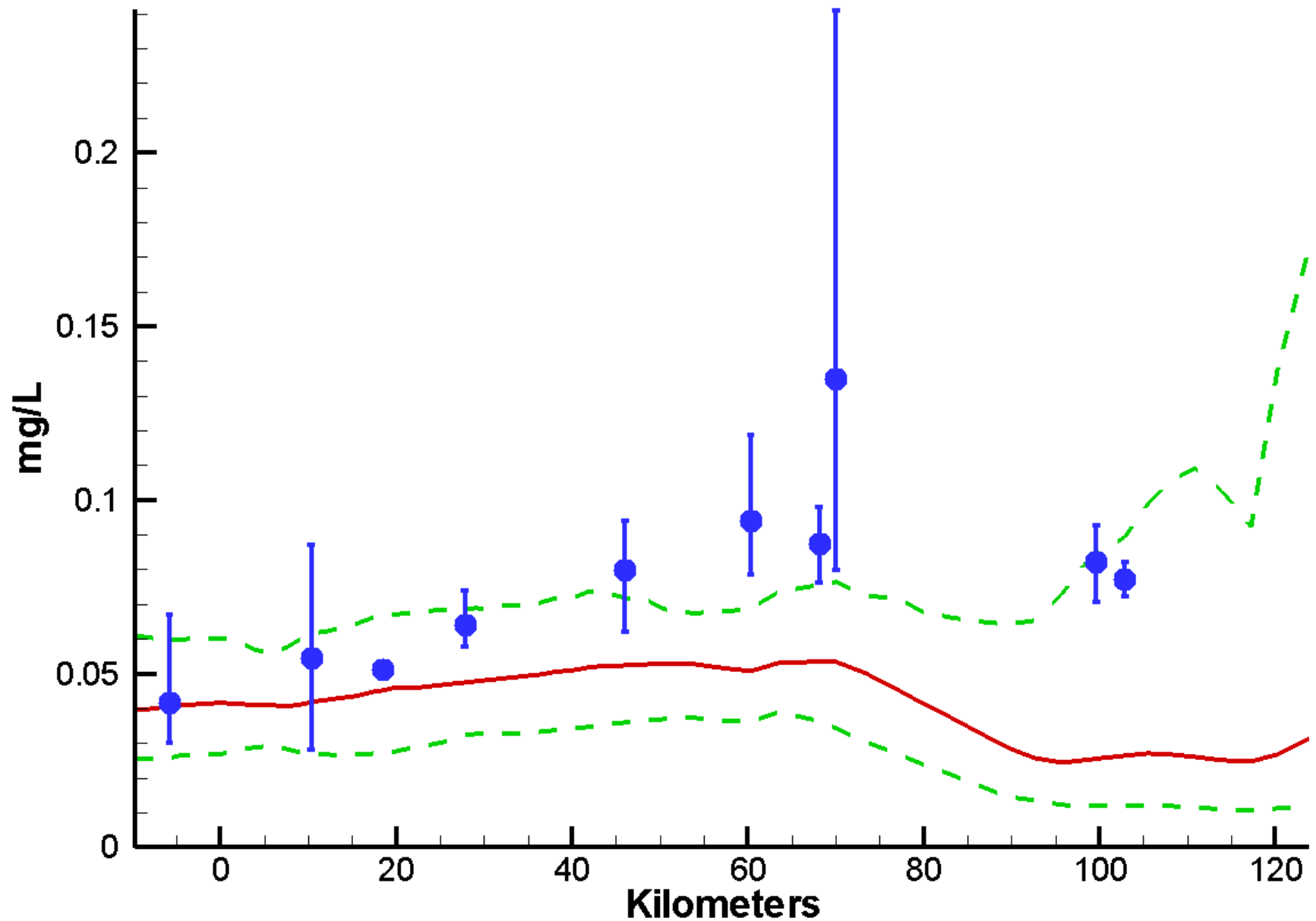
# York River Ches2015 Run118

## Bottom Total Phosphorus Summer 1996



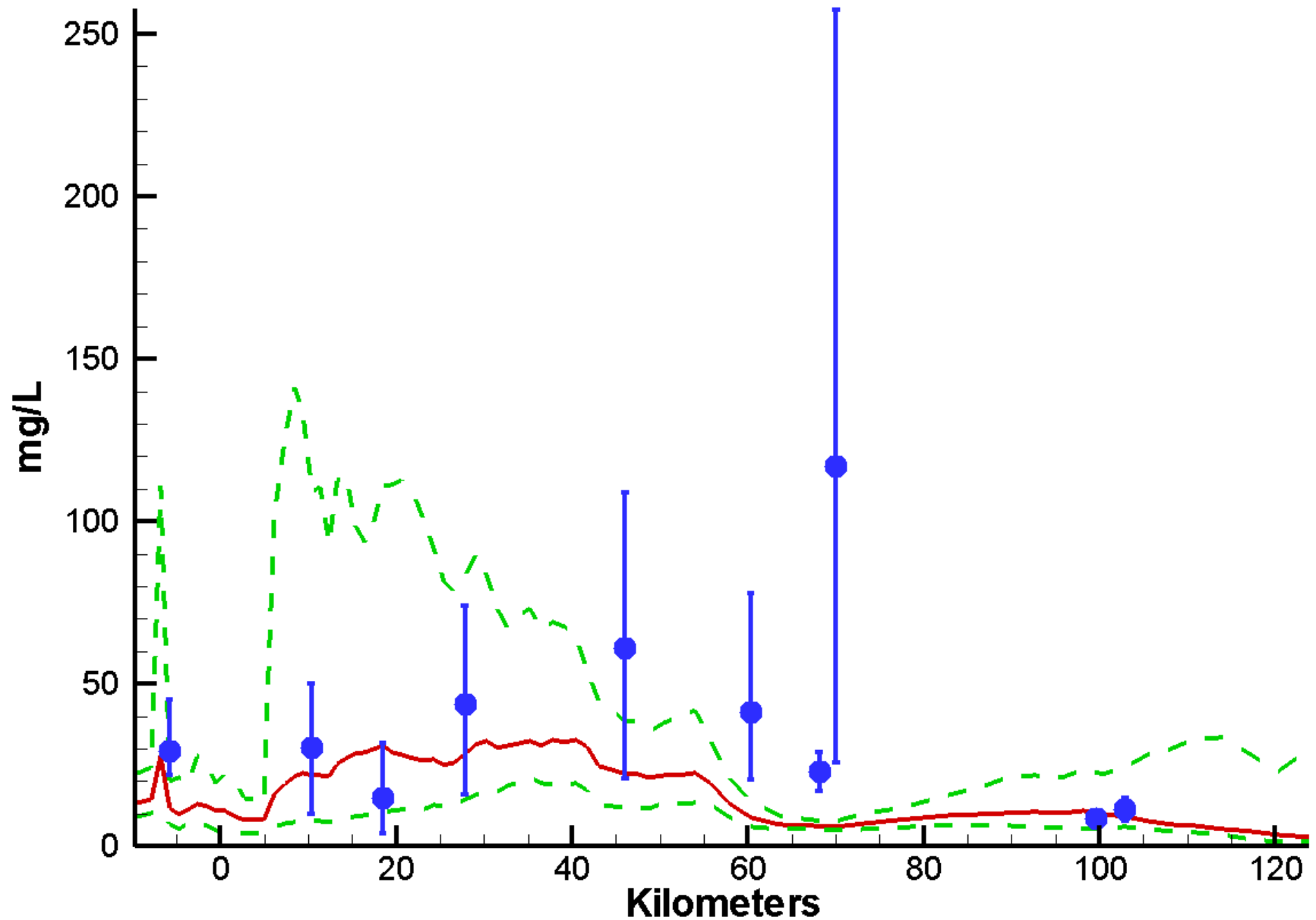
# York River Ches2015 Run118

## Surface Total Phosphorus Summer 1996



# York River Ches2015 Run118

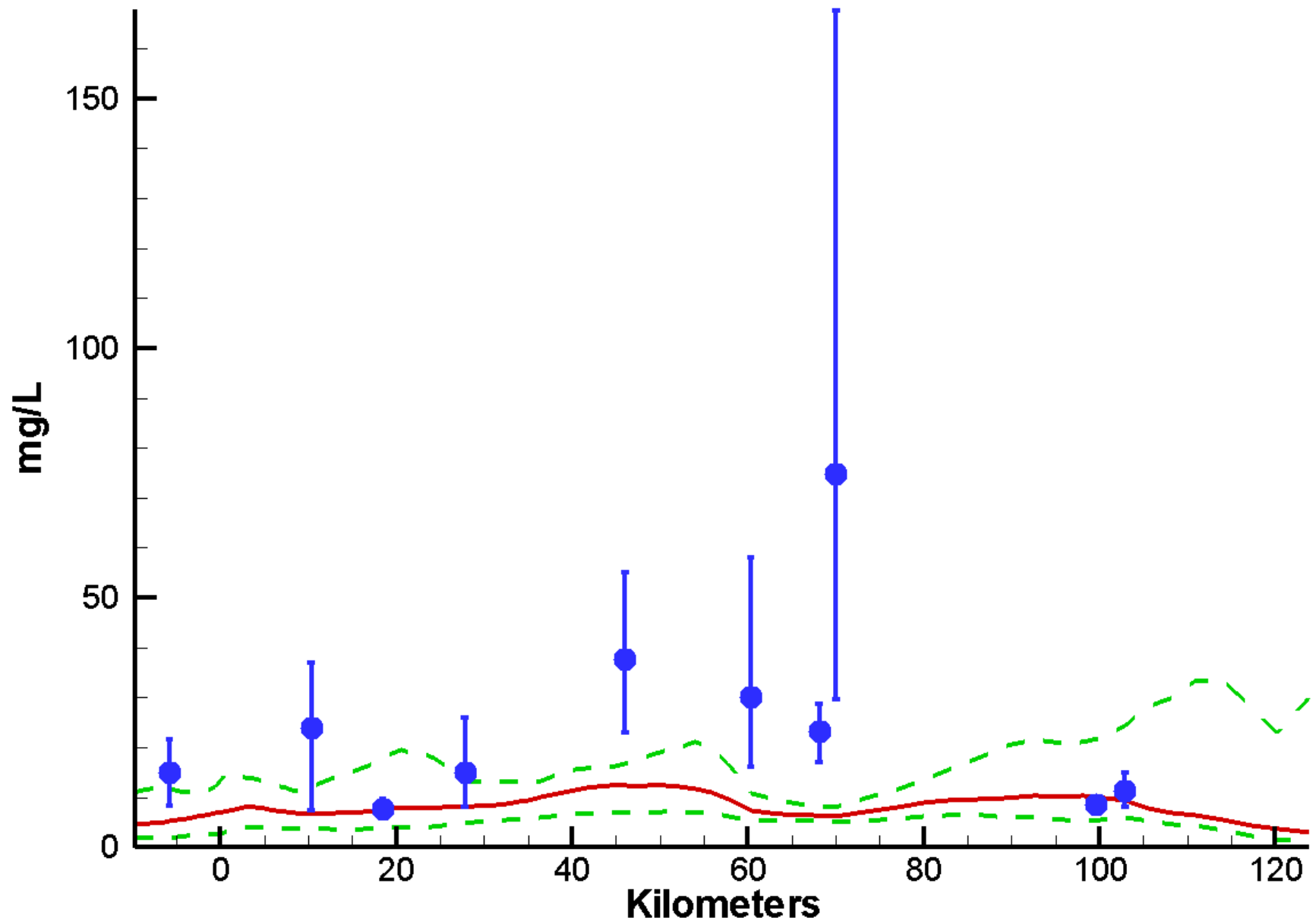
## Bottom Total Suspended Solids Summer 1996





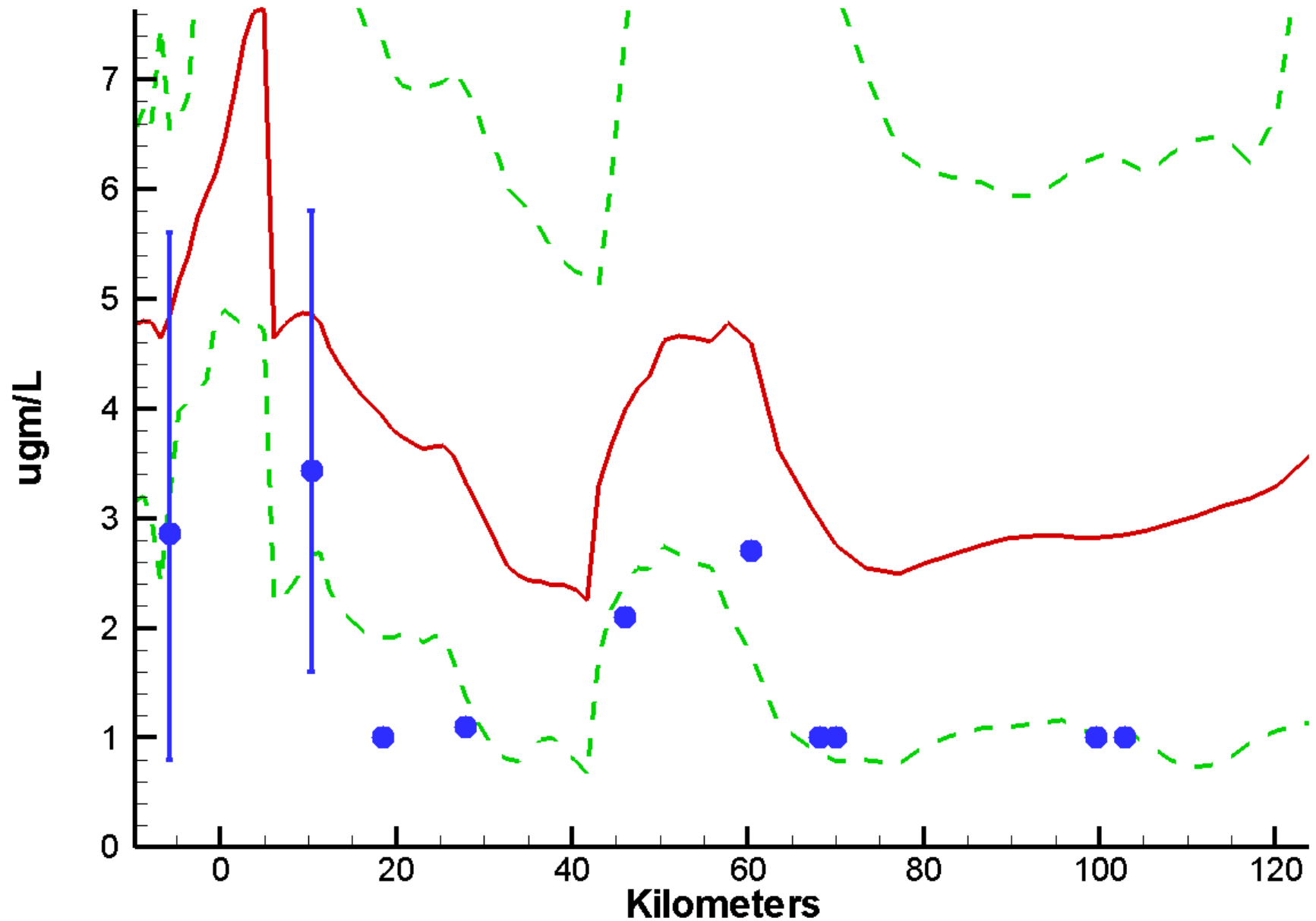
# York River Ches2015 Run118

## Surface Total Suspended Solids Summer 1996



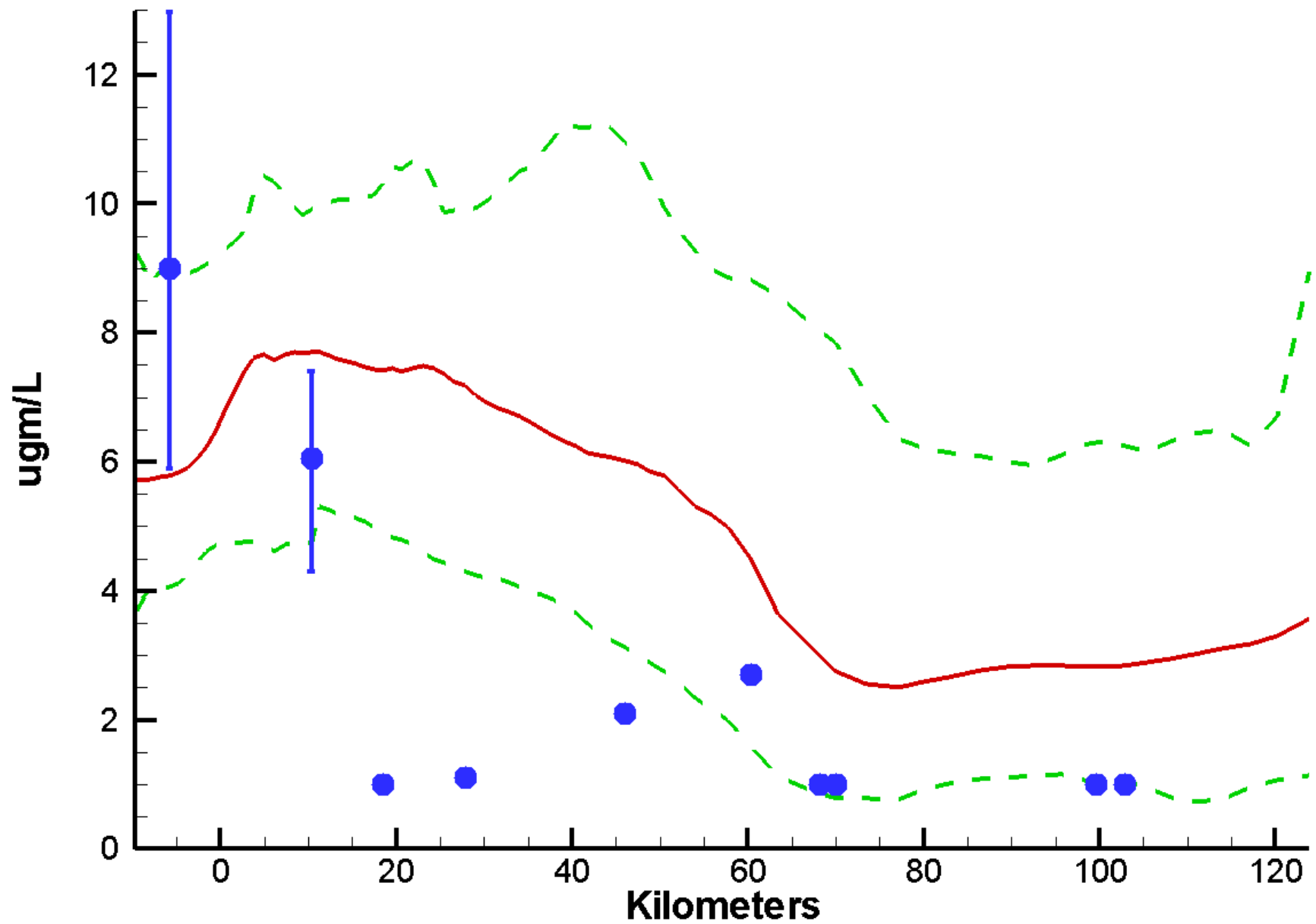
# York River Ches2015 Run118

## Bottom Chlorophyll Fall 1996



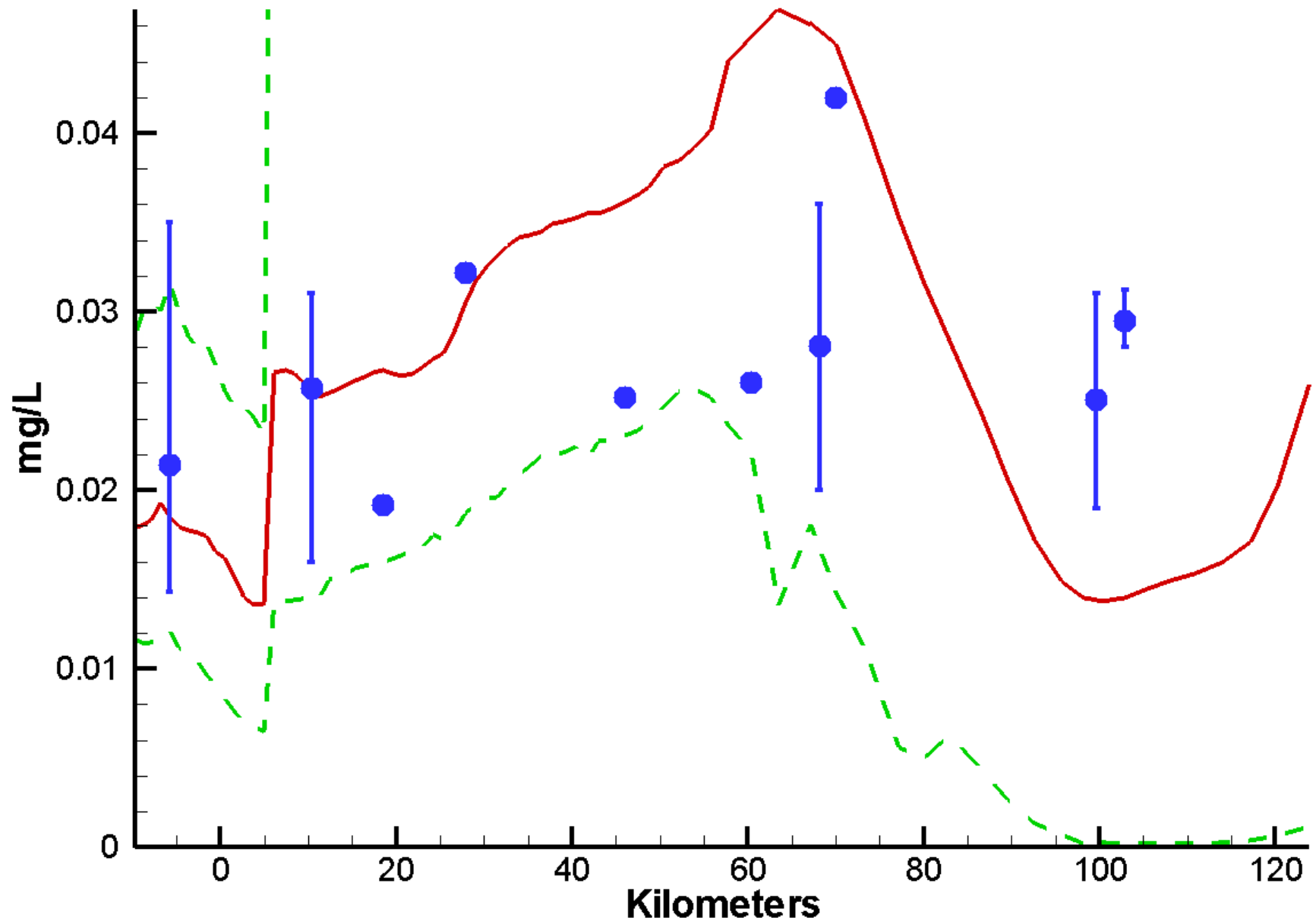
# York River Ches2015 Run118

## Surface Chlorophyll Fall 1996



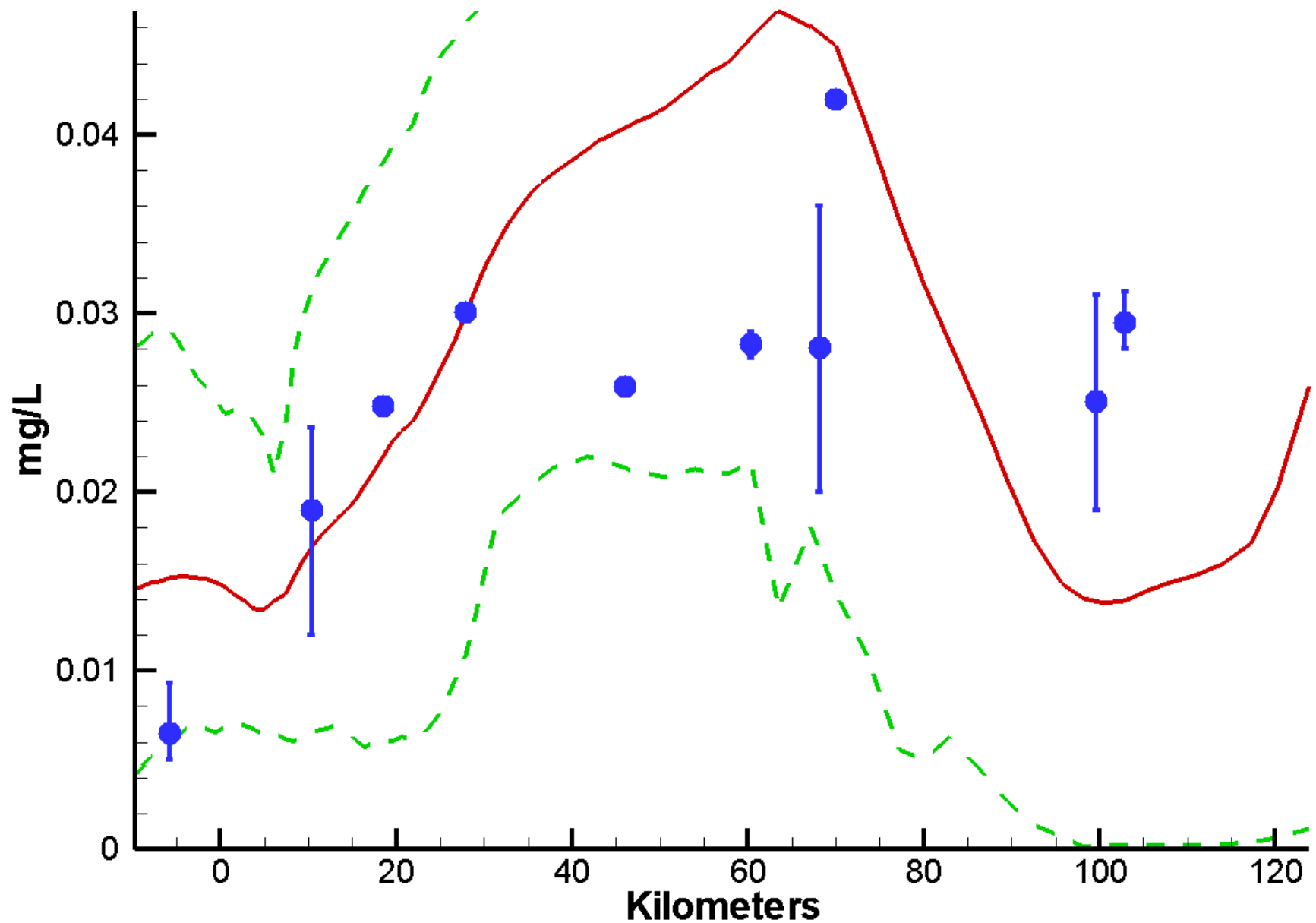
# York River Ches2015 Run118

## Bottom Dissolved Phosphate Fall 1996

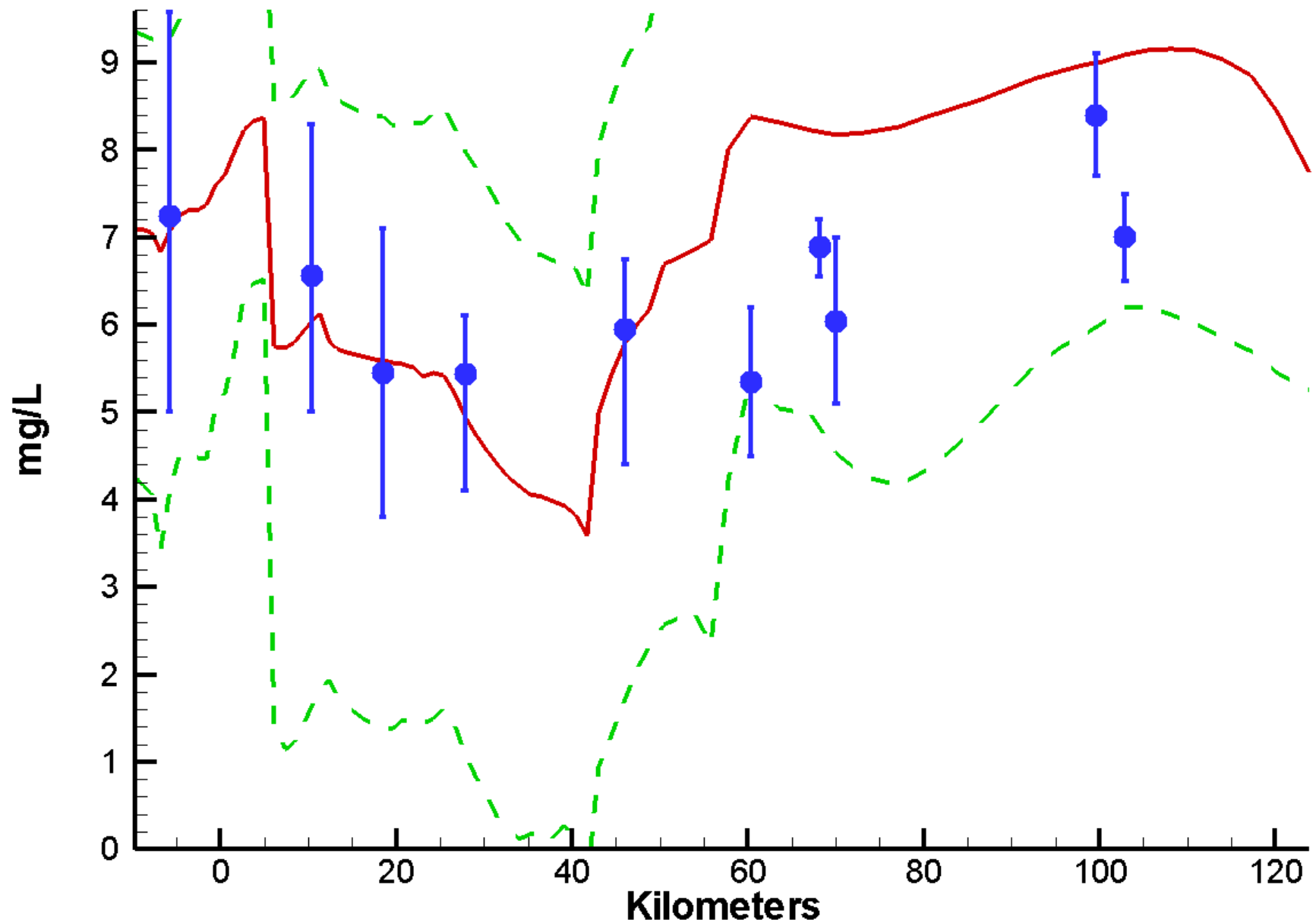


# York River Ches2015 Run118

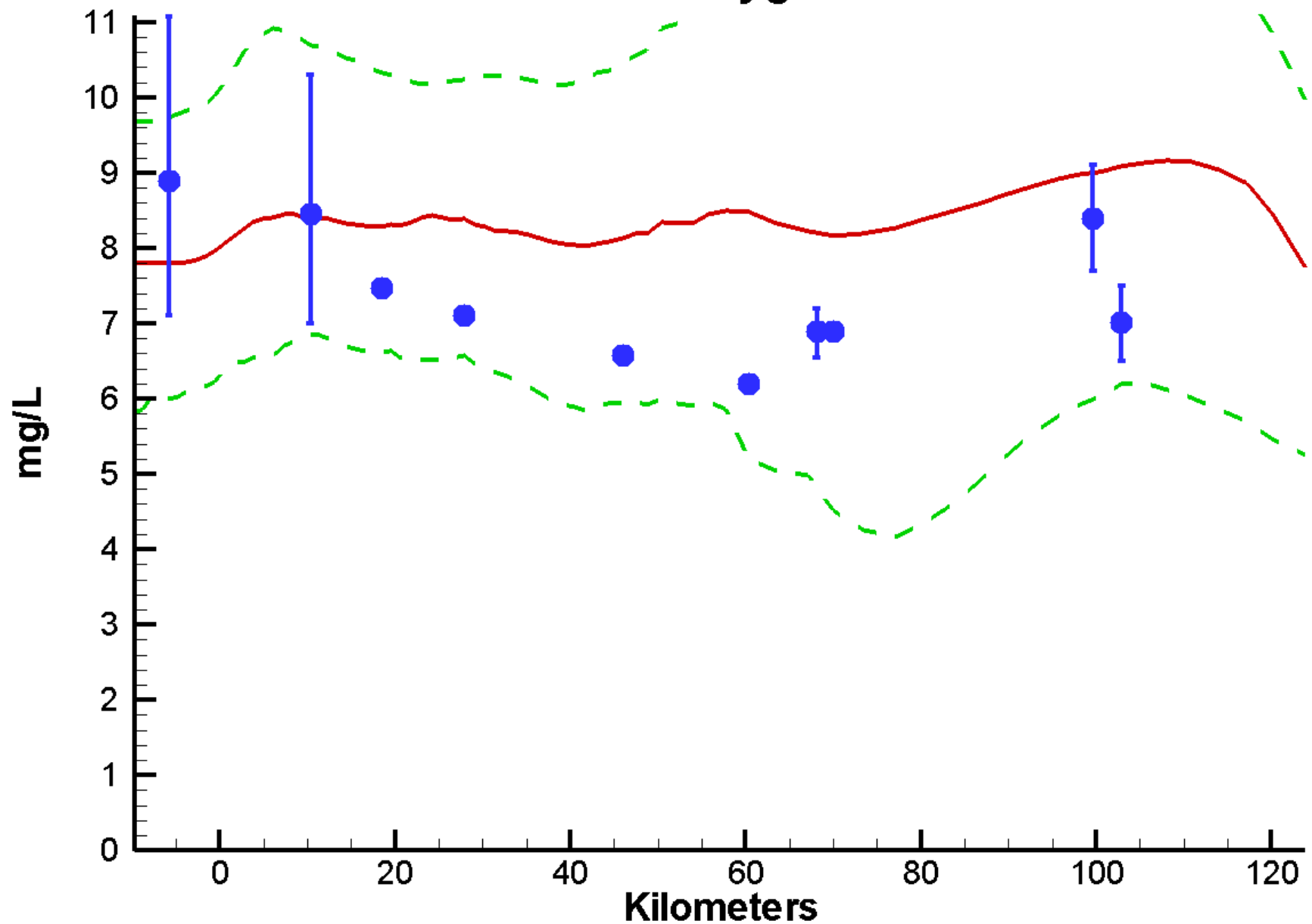
## Surface Dissolved Phosphate Fall 1996



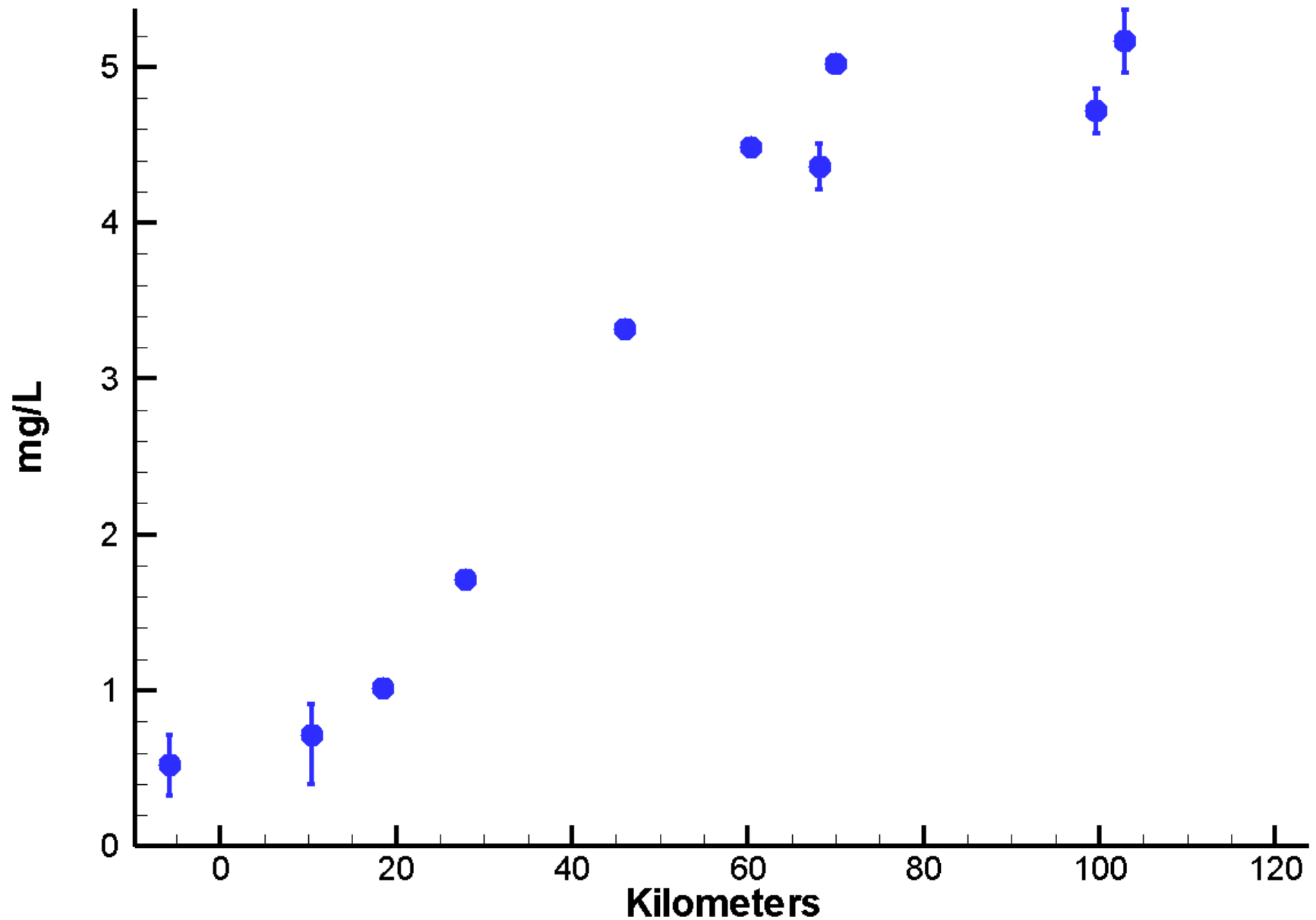
# York River Ches2015 Run118 Bottom Dissolved Oxygen Fall 1996



# York River Ches2015 Run118 Surface Dissolved Oxygen Fall 1996

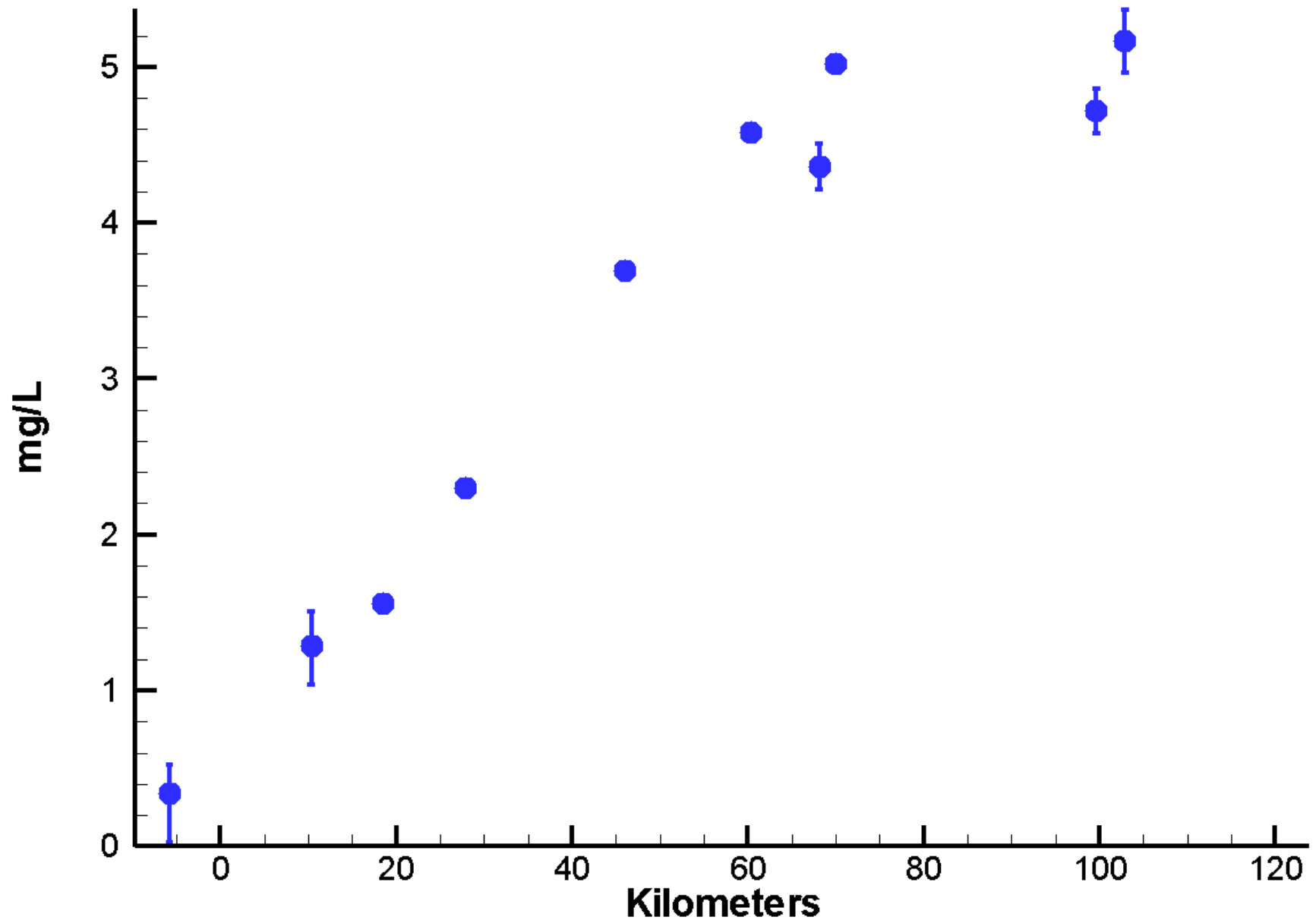


# York River Ches2015 Run118 Bottom Dissolved Silica Fall 1996



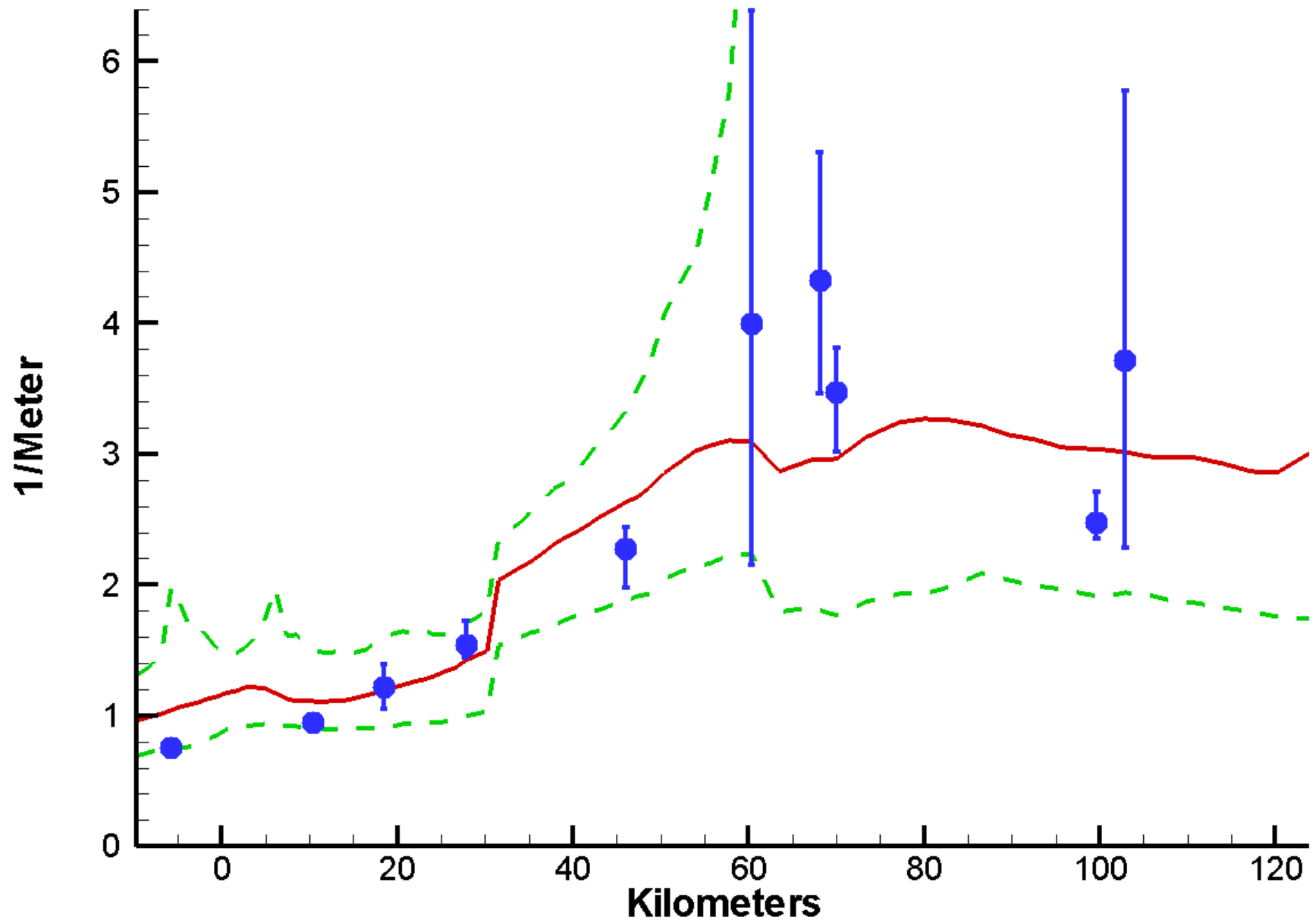


# York River Ches2015 Run118 Surface Dissolved Silica Fall 1996

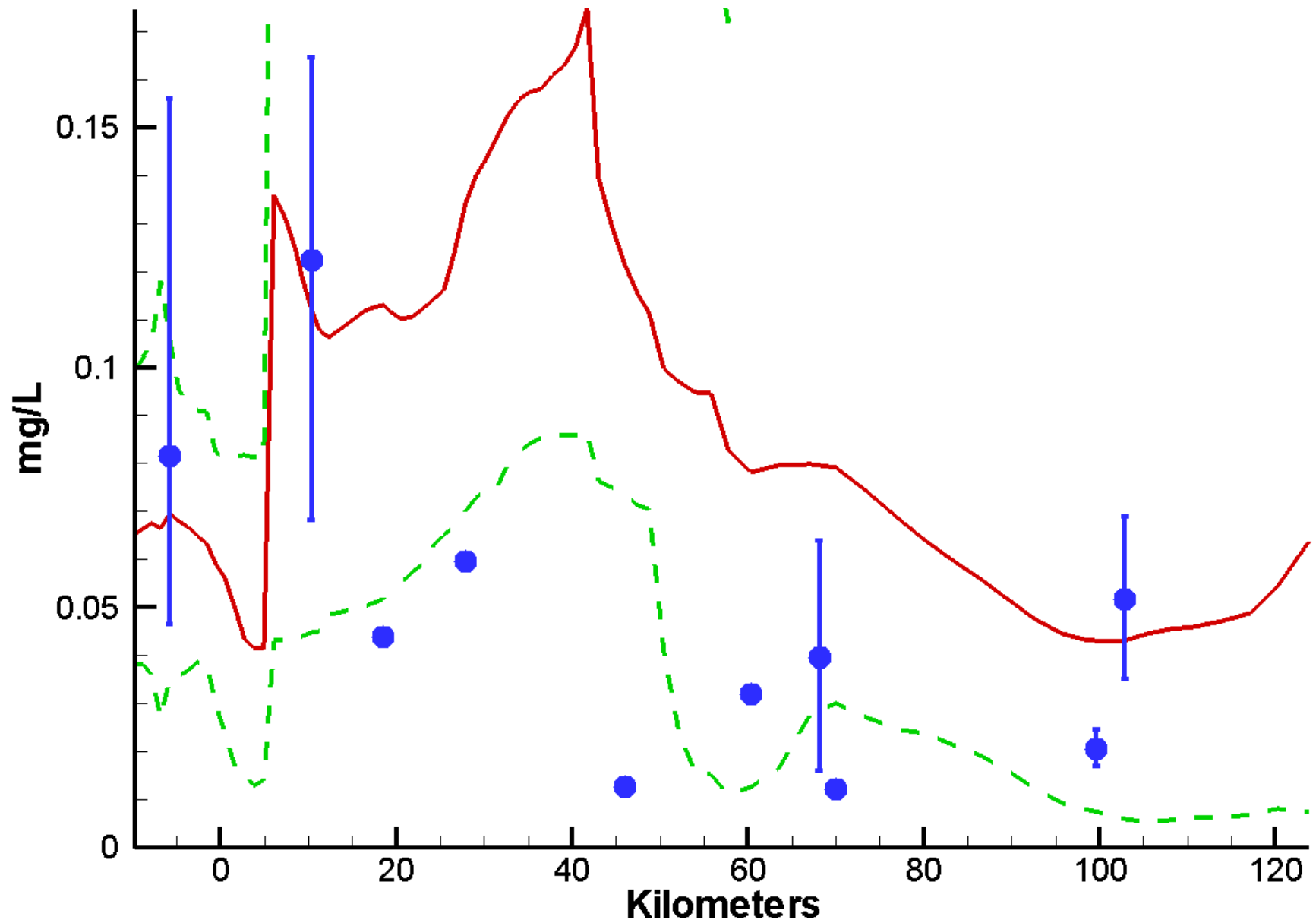


# York River Ches2015 Run118

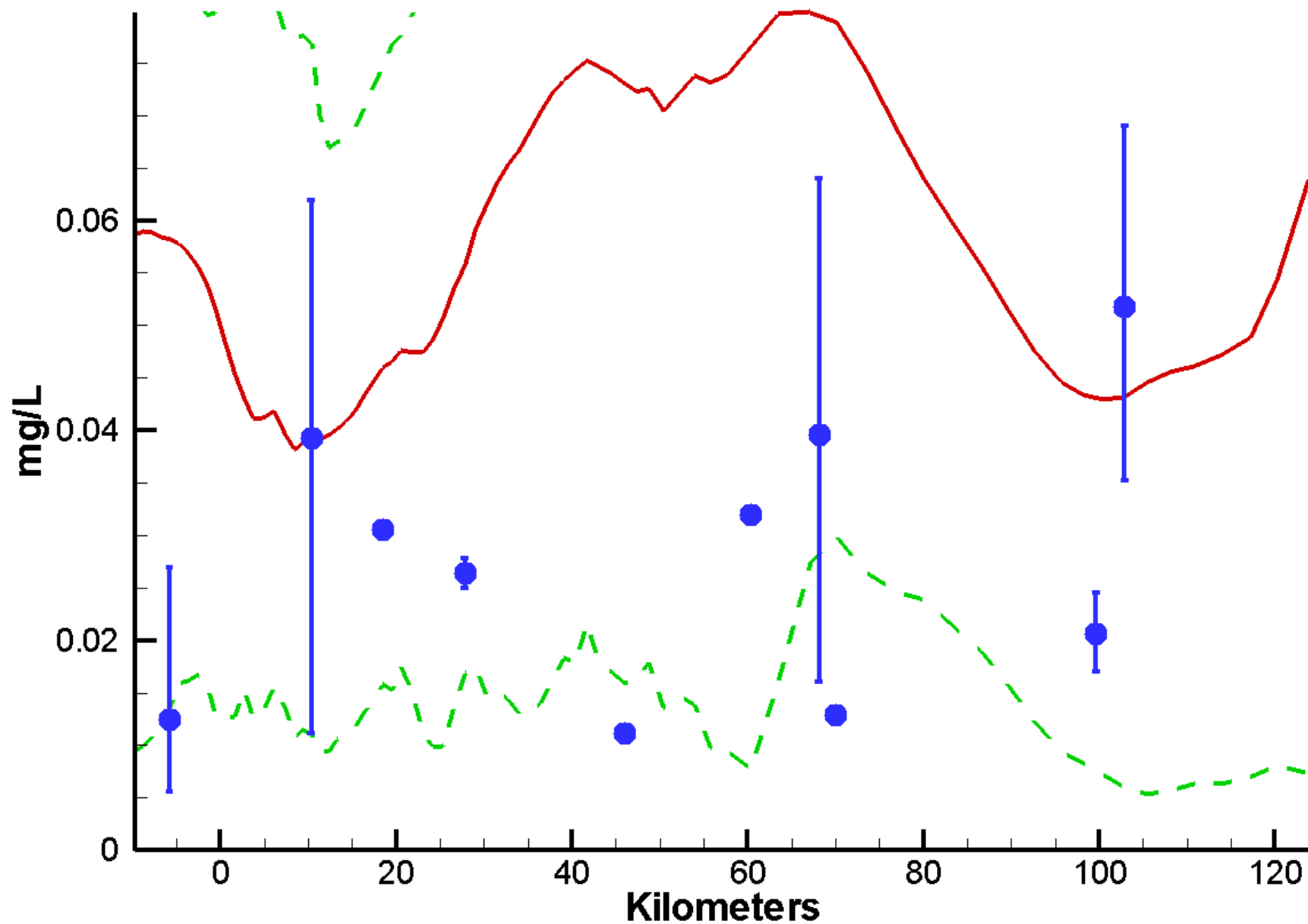
## Surface Light Extinction Fall 1996



# York River Ches2015 Run118 Bottom Ammonium Fall 1996

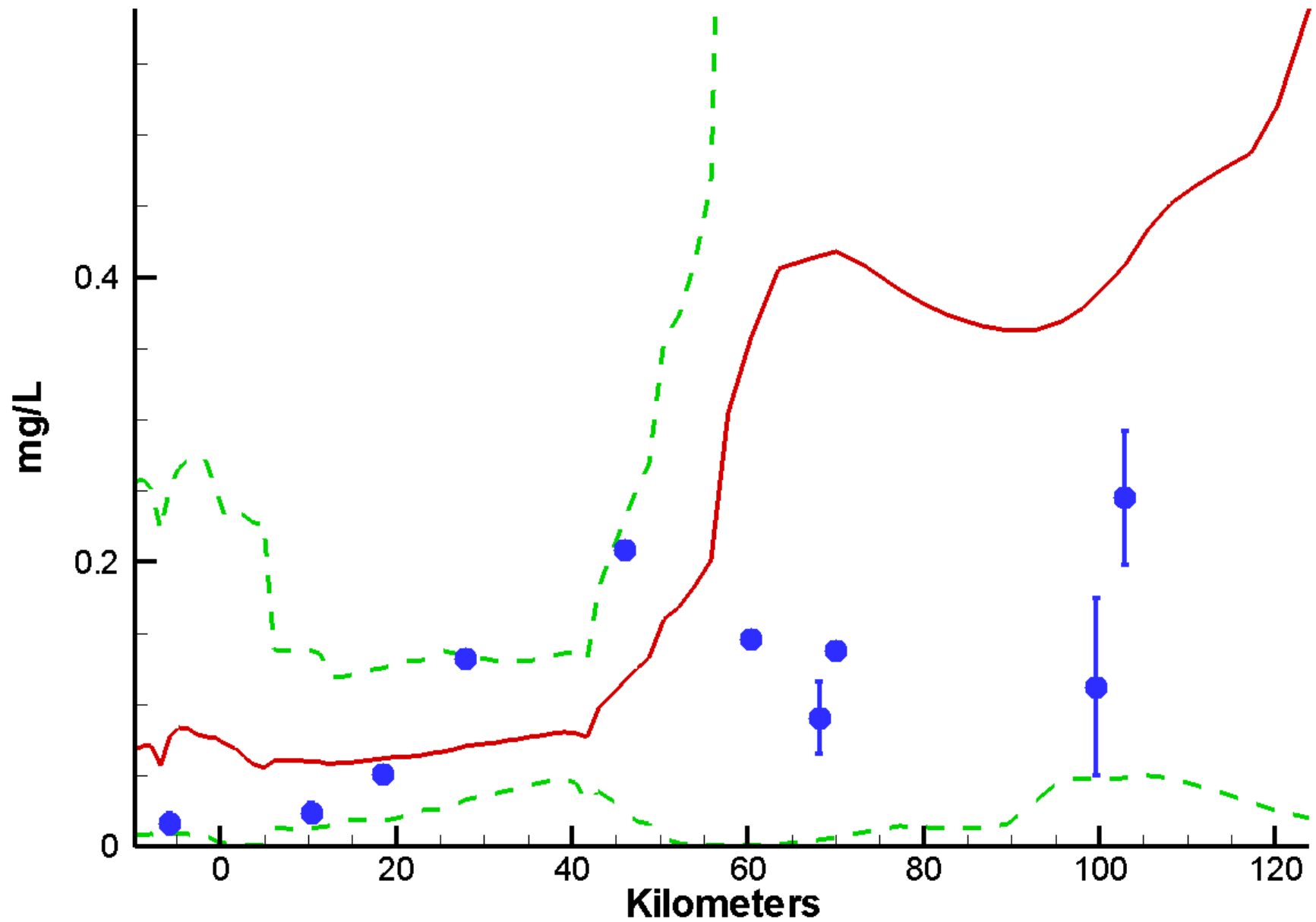


# York River Ches2015 Run118 Surface Ammonium Fall 1996



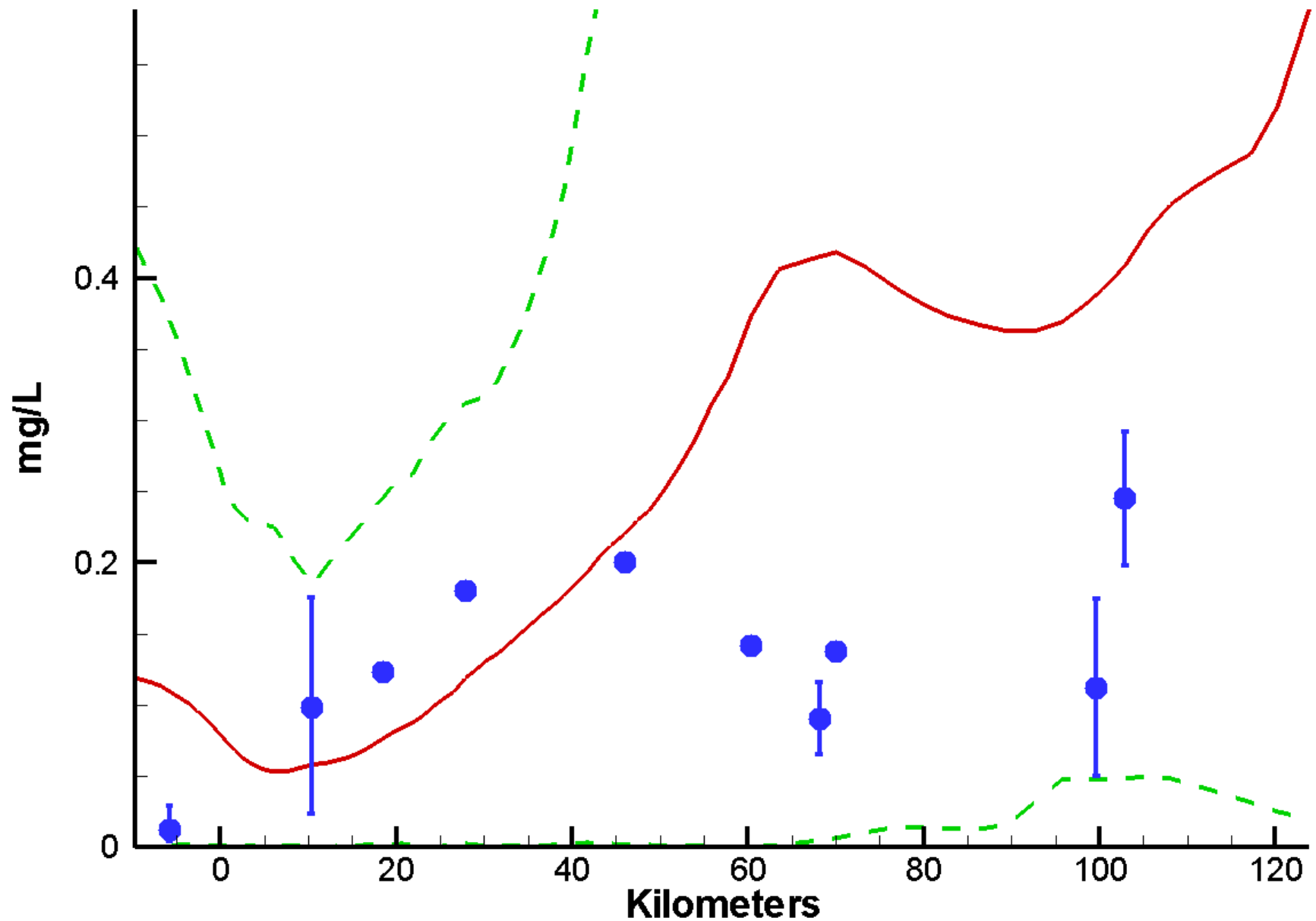
# York River Ches2015 Run118

## Bottom Nitrate Fall 1996



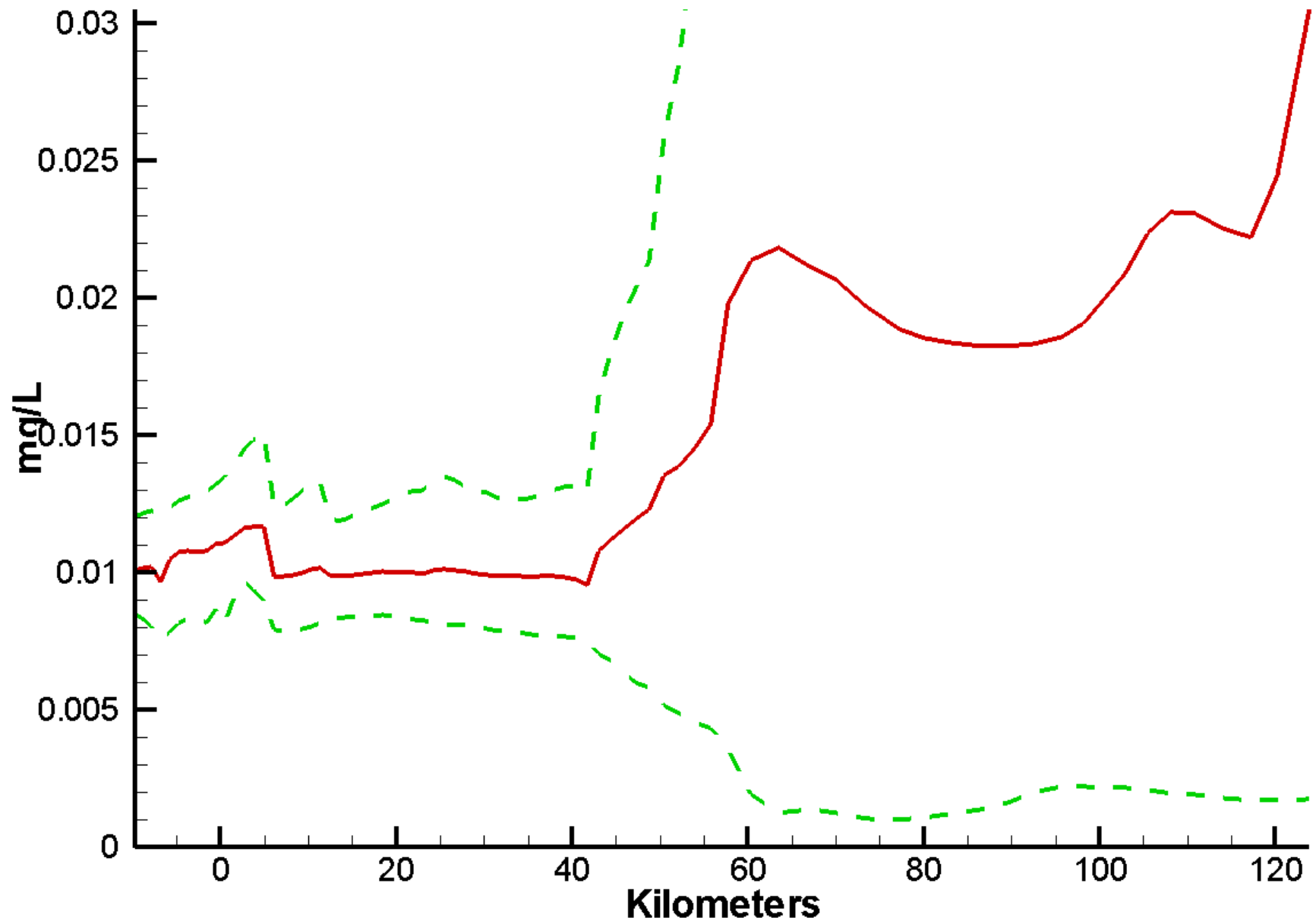
# York River Ches2015 Run118

## Surface Nitrate Fall 1996



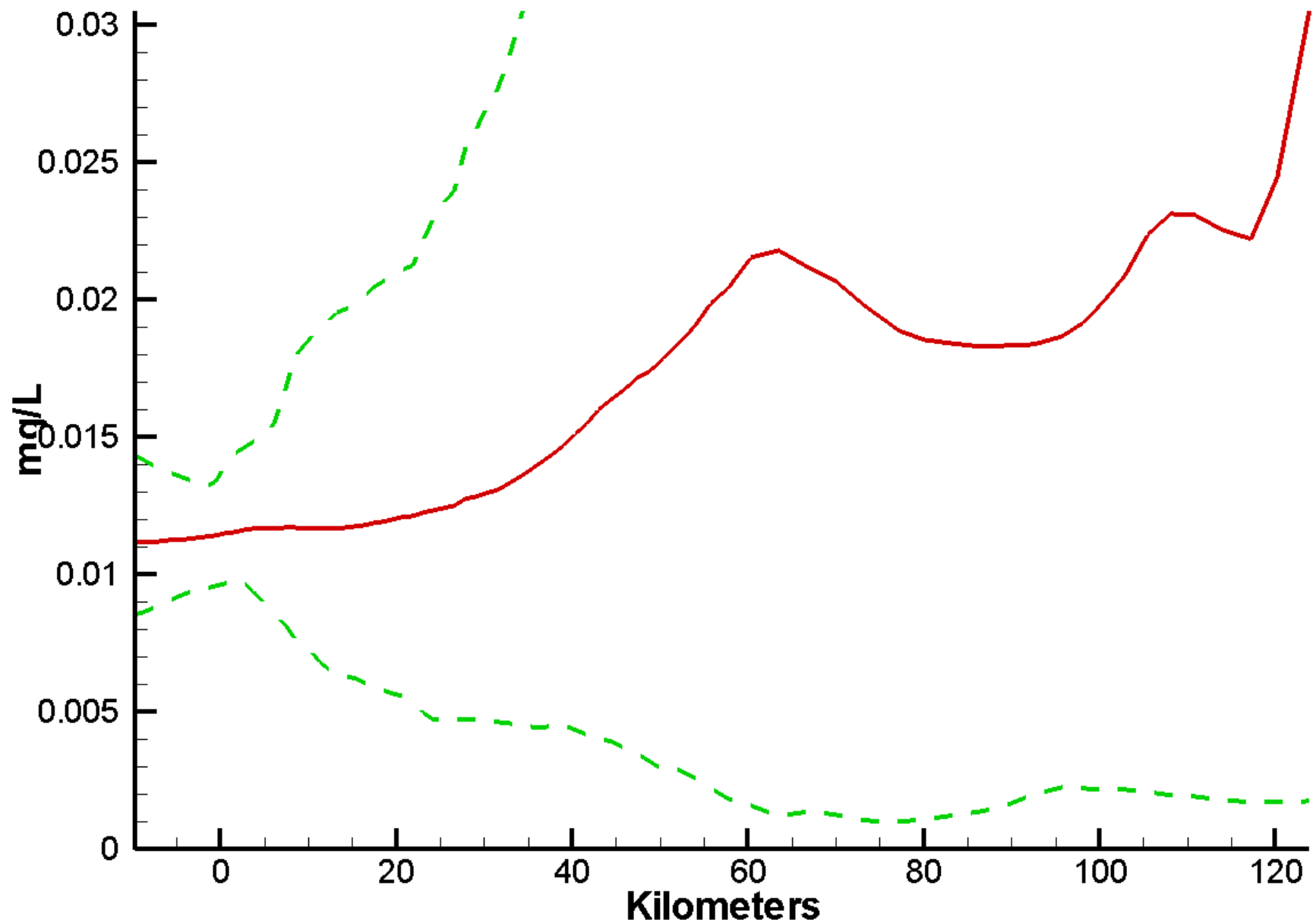
# York River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1996



# York River Ches2015 Run118

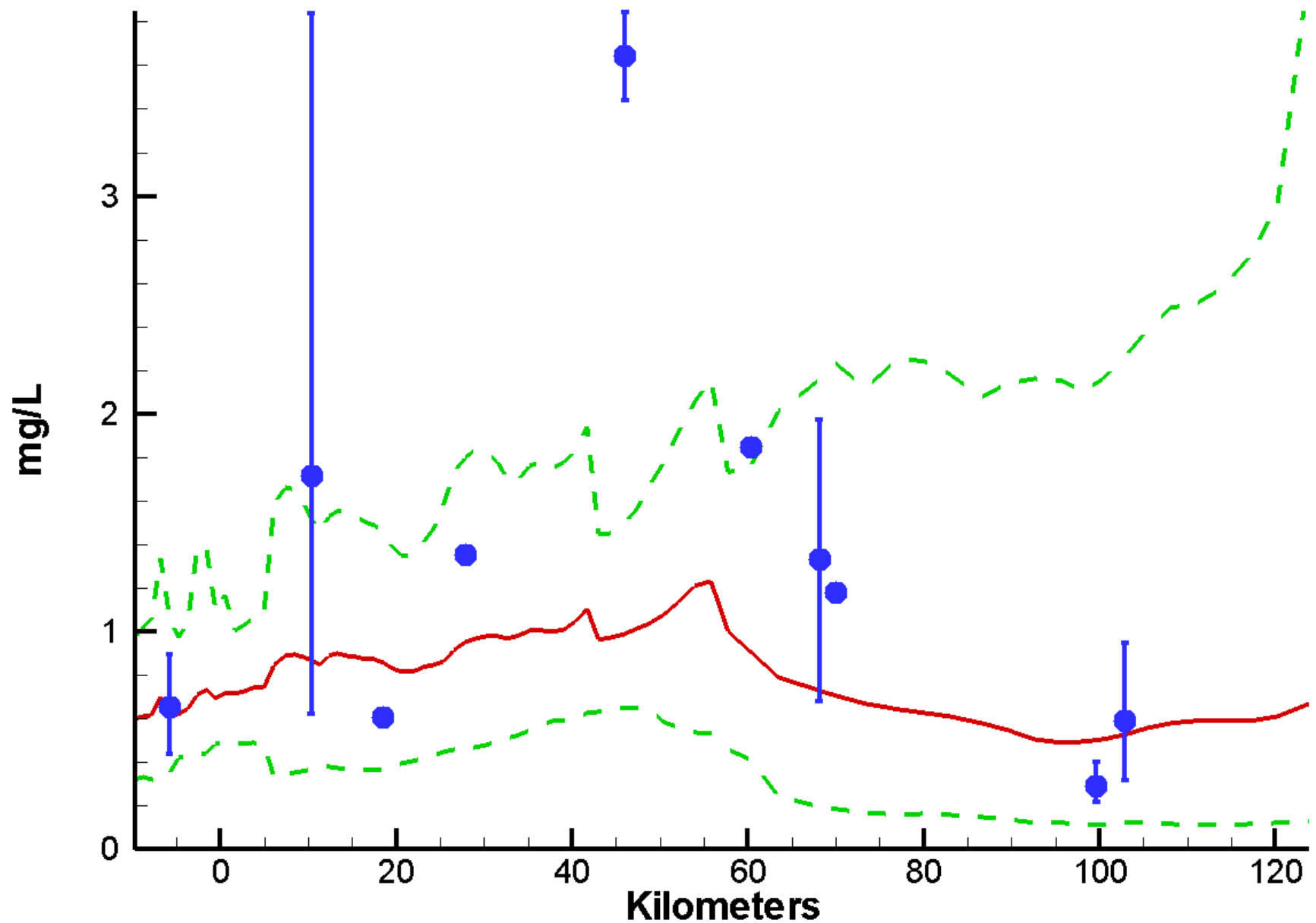
## Surface Particulate Inorganic Phosphorus Fall 1996





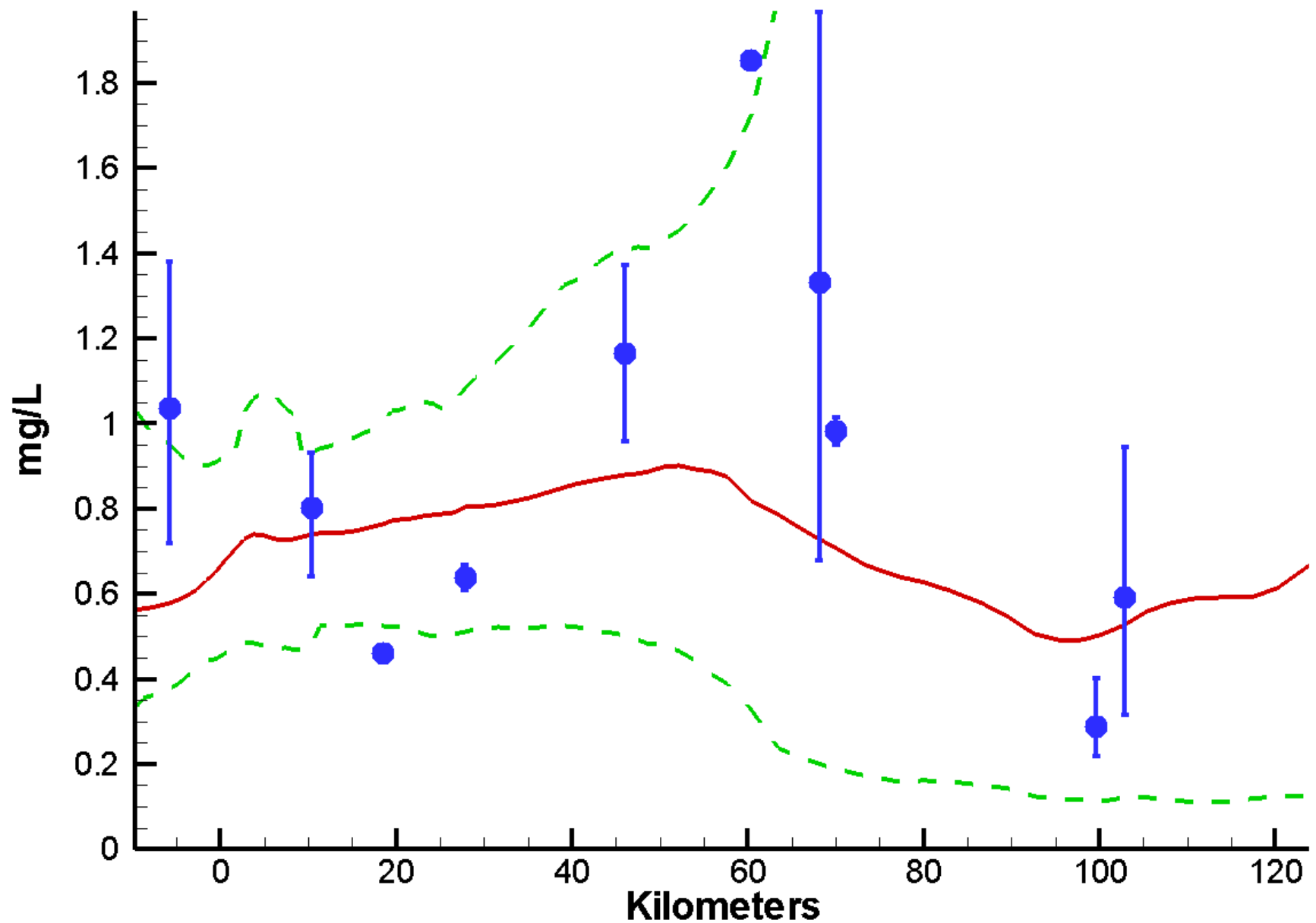
# York River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1996

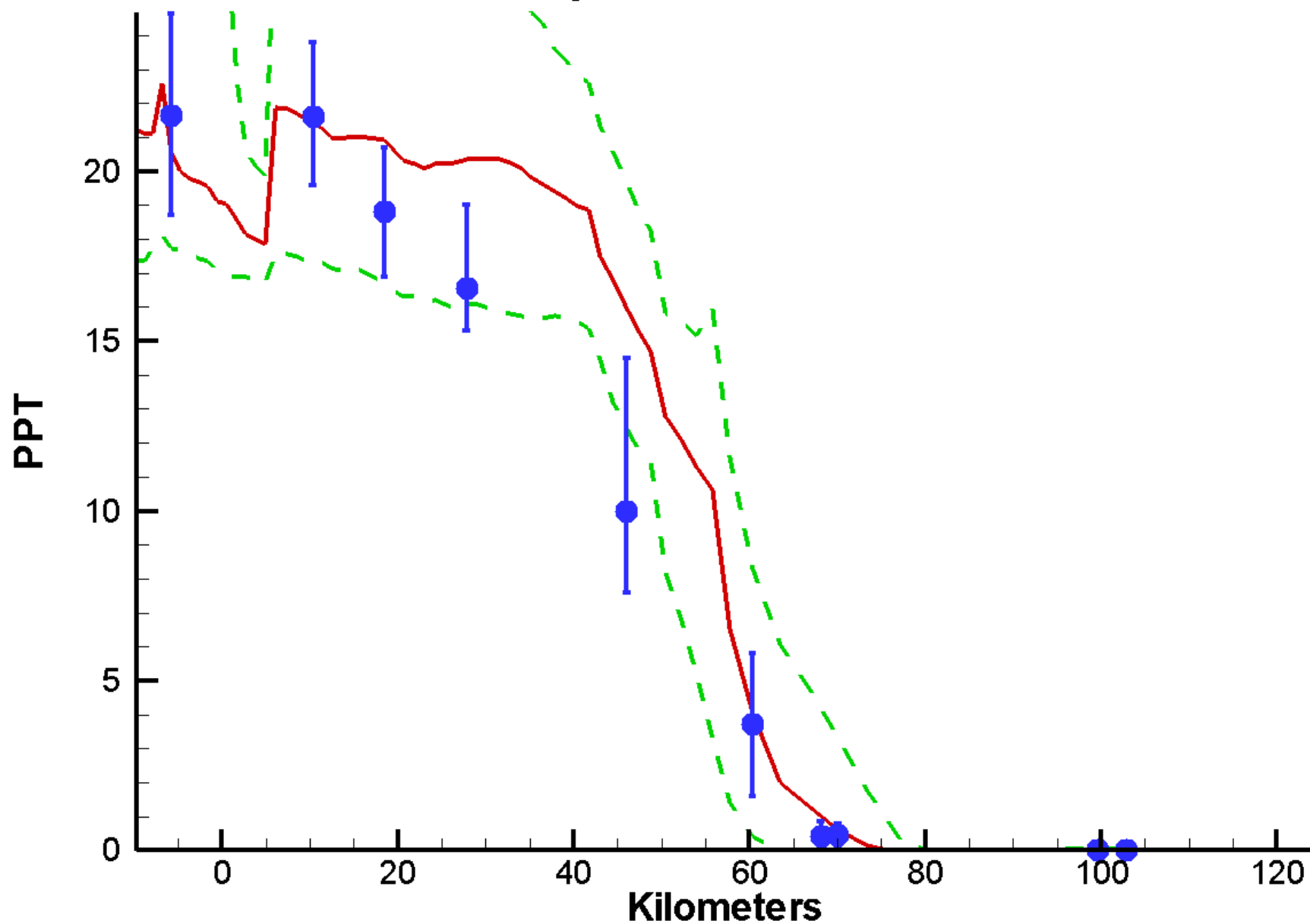


# York River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1996

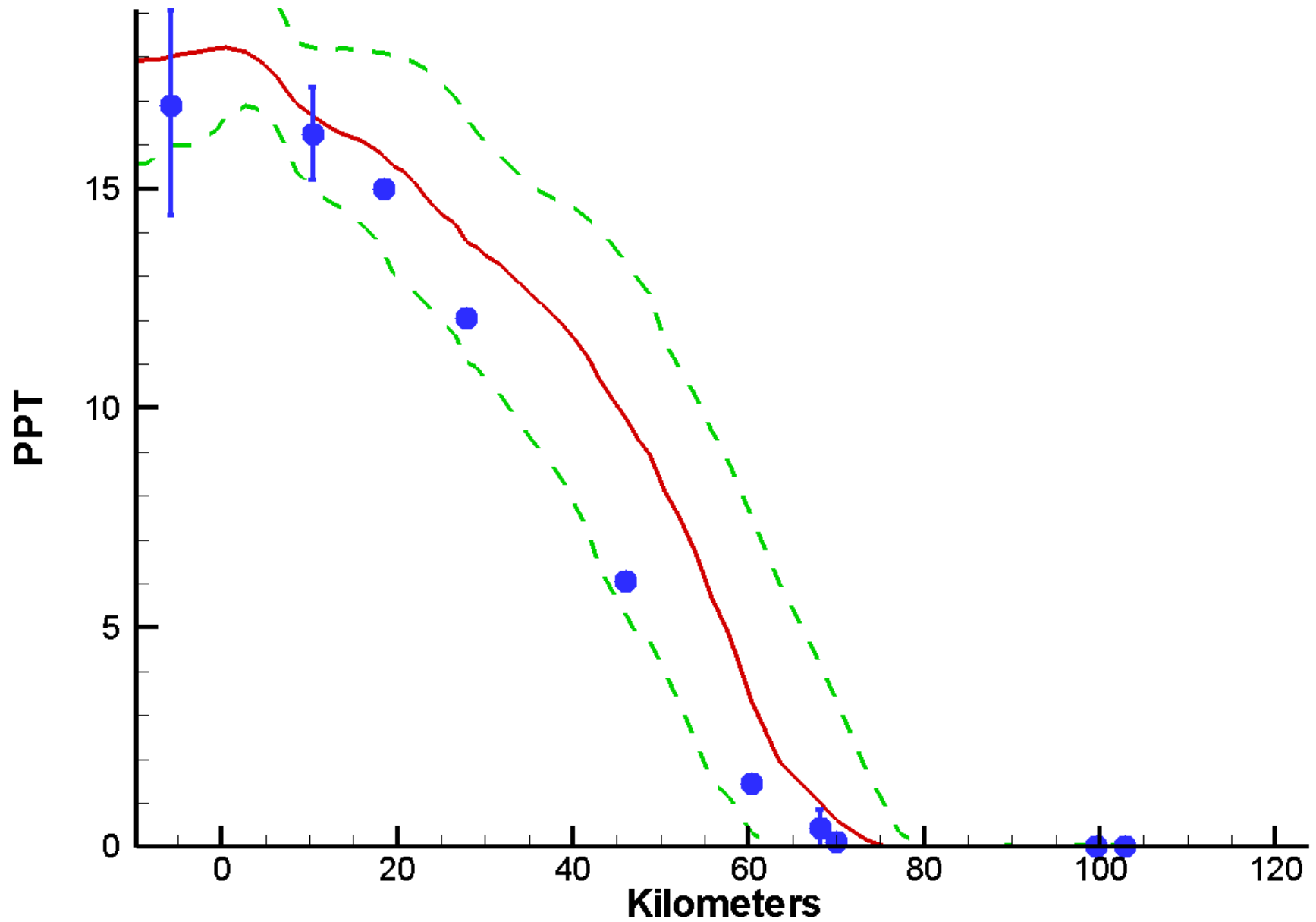


# York River Ches2015 Run118 Bottom Salinity Fall 1996



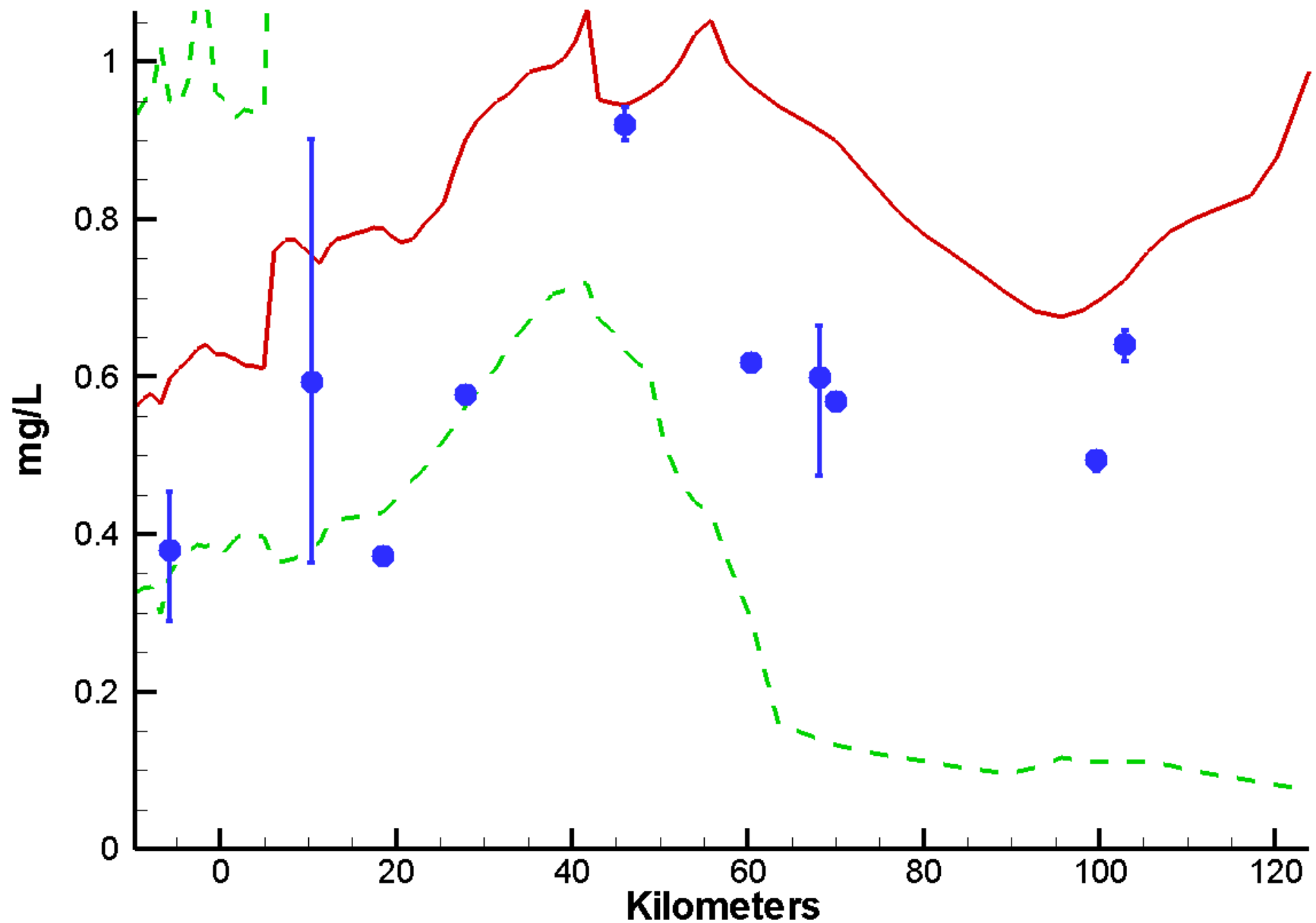
# York River Ches2015 Run118

## Surface Salinity Fall 1996



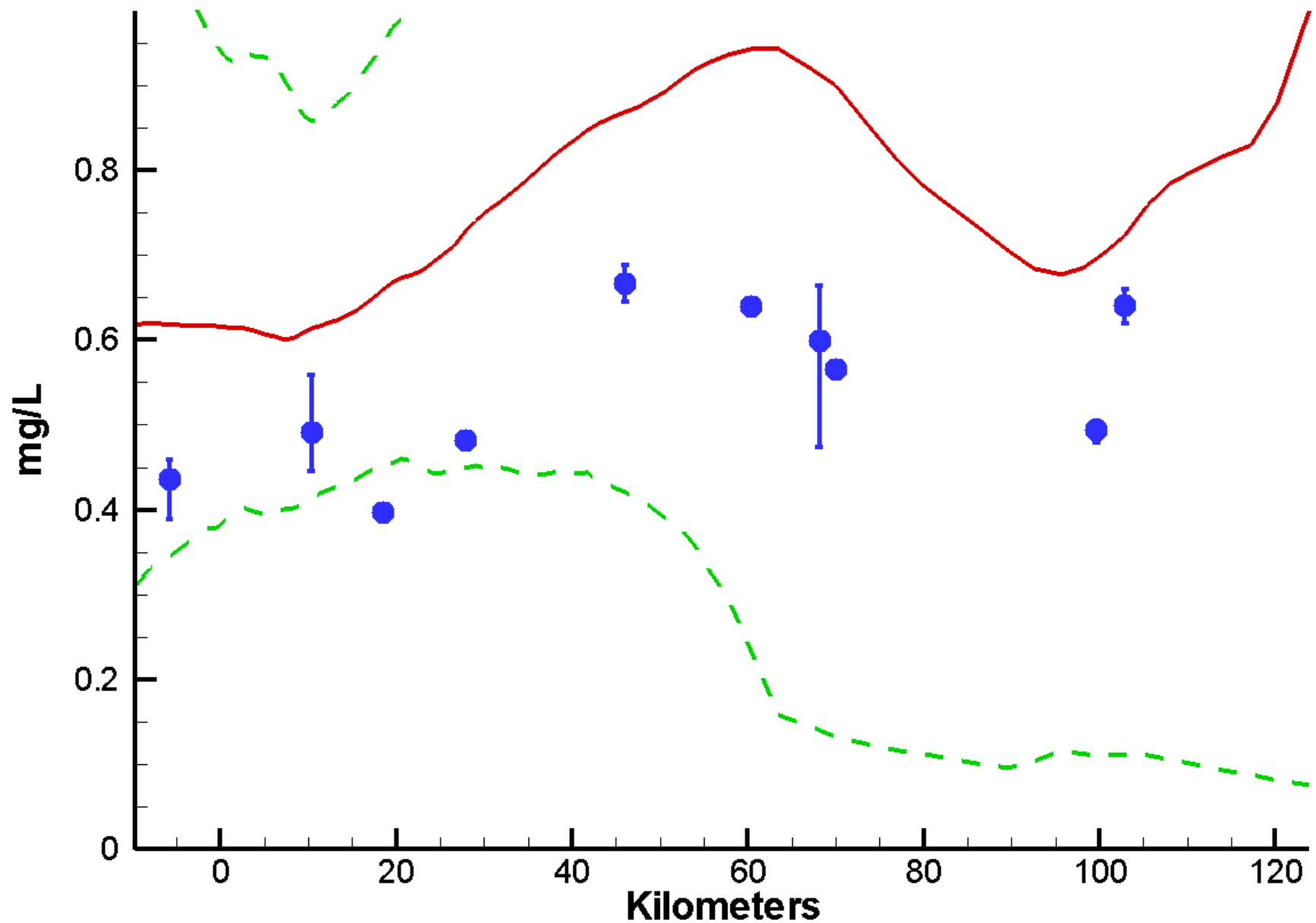
# York River Ches2015 Run118

## Bottom Total Nitrogen Fall 1996



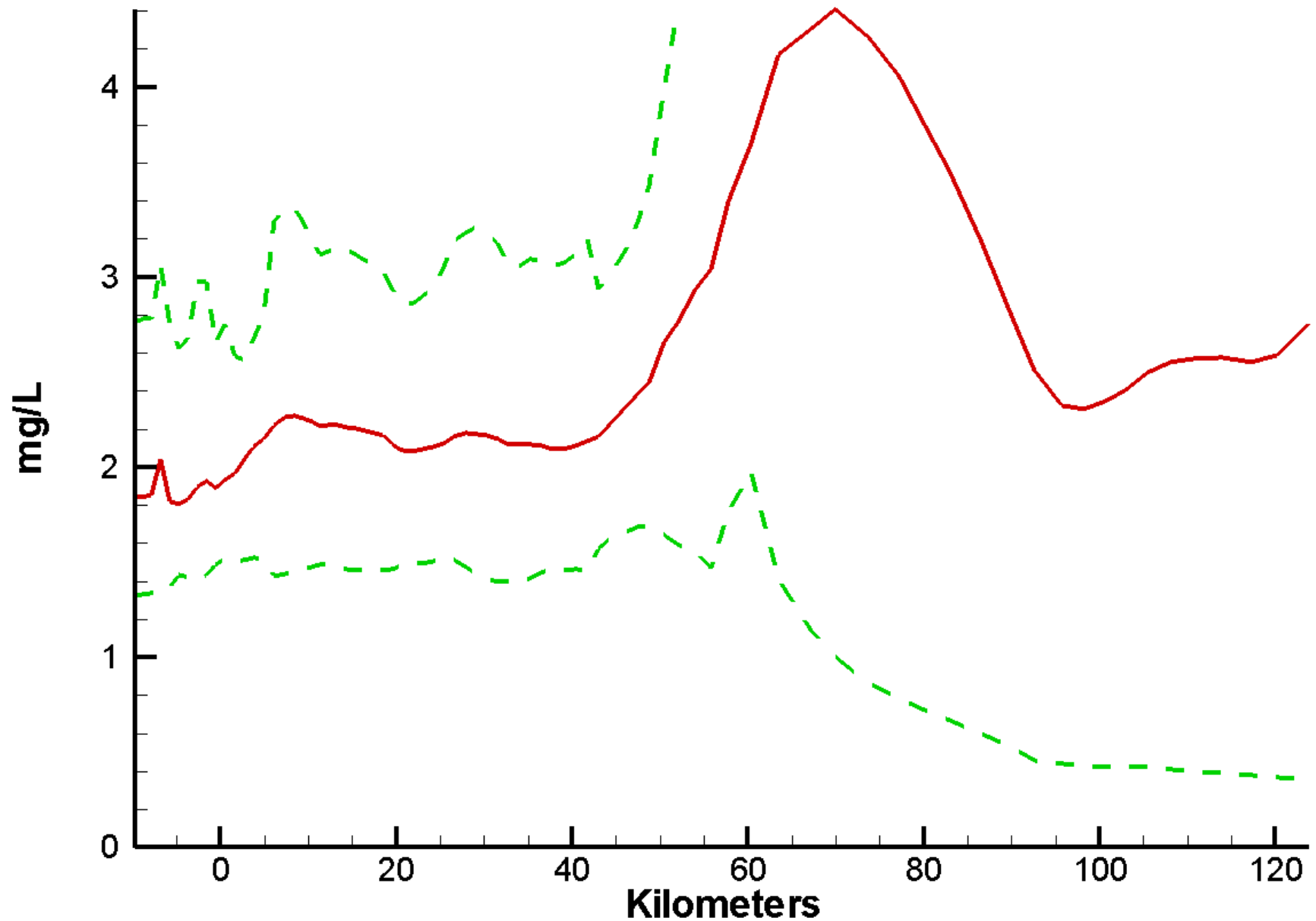
# York River Ches2015 Run118

## Surface Total Nitrogen Fall 1996



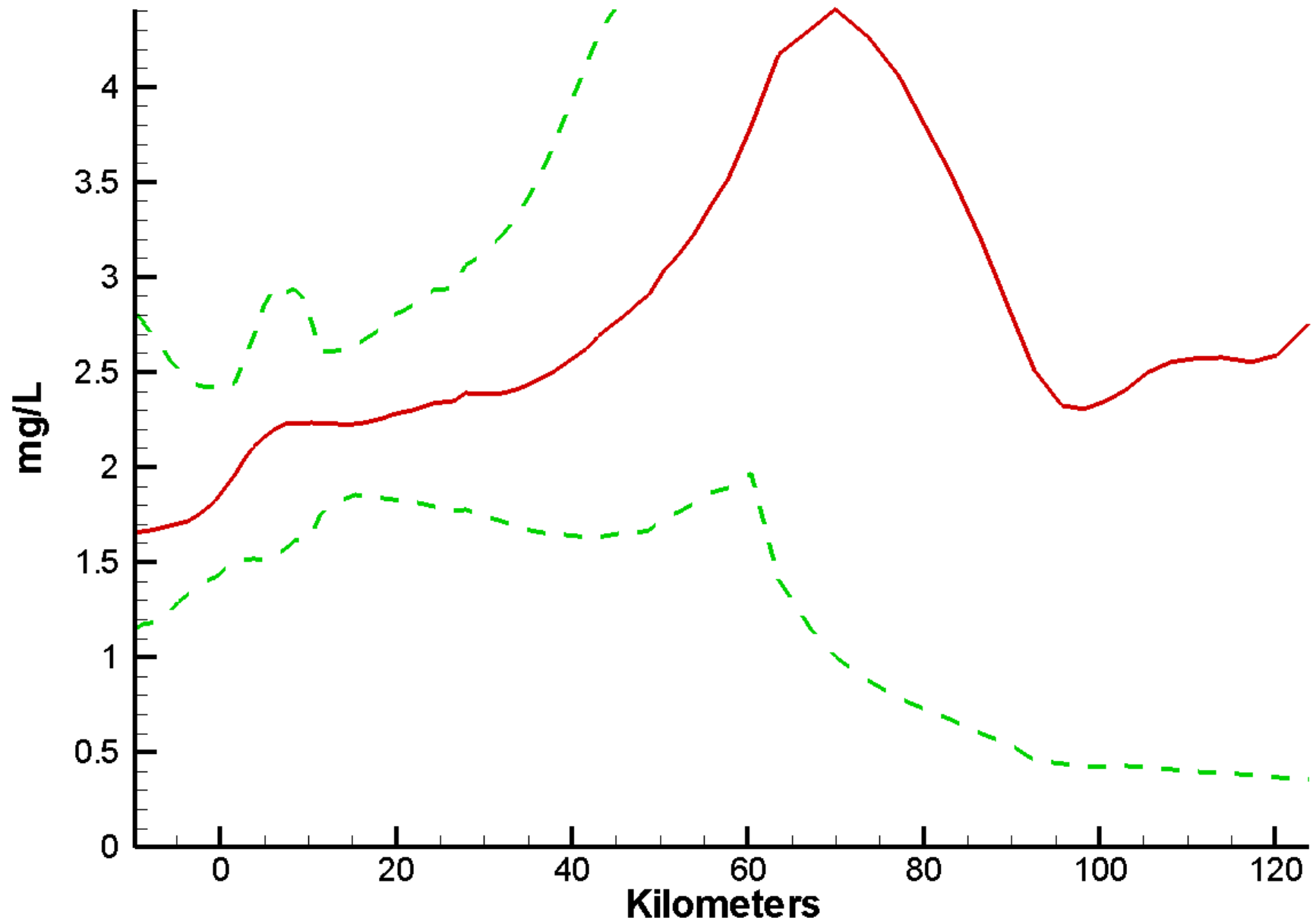
# York River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1996



# York River Ches2015 Run118

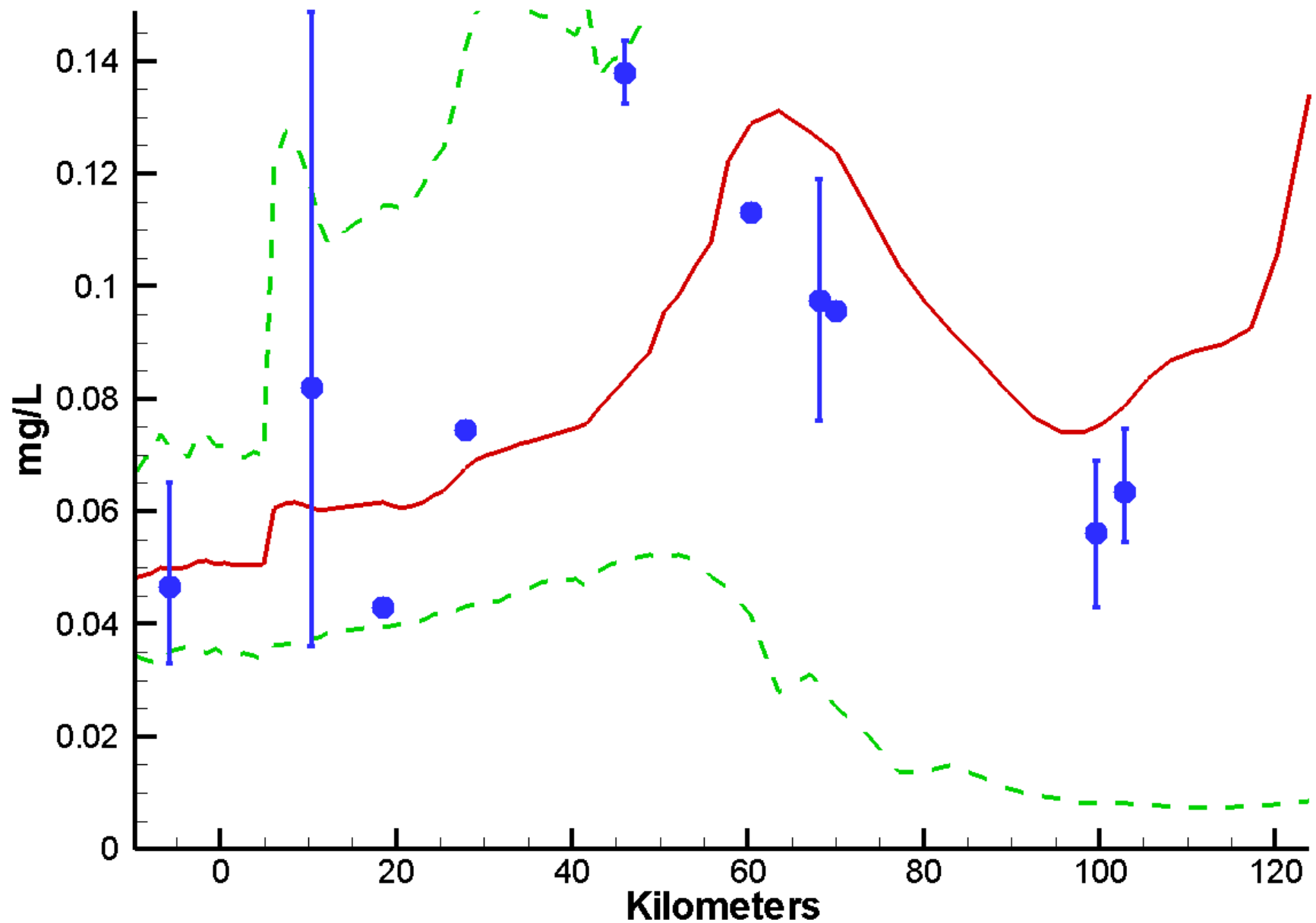
## Surface Total Organic Carbon Fall 1996





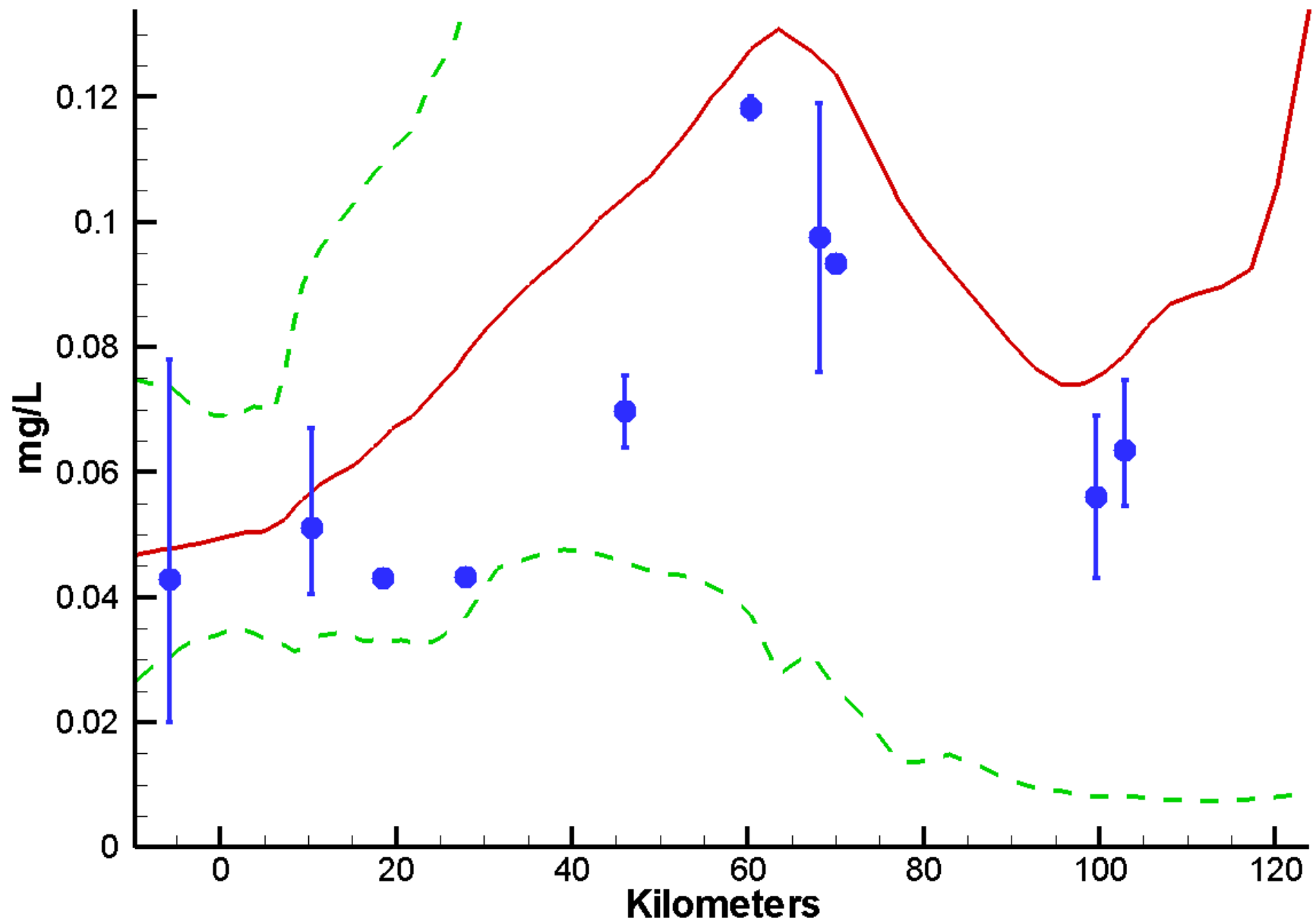
# York River Ches2015 Run118

## Bottom Total Phosphorus Fall 1996



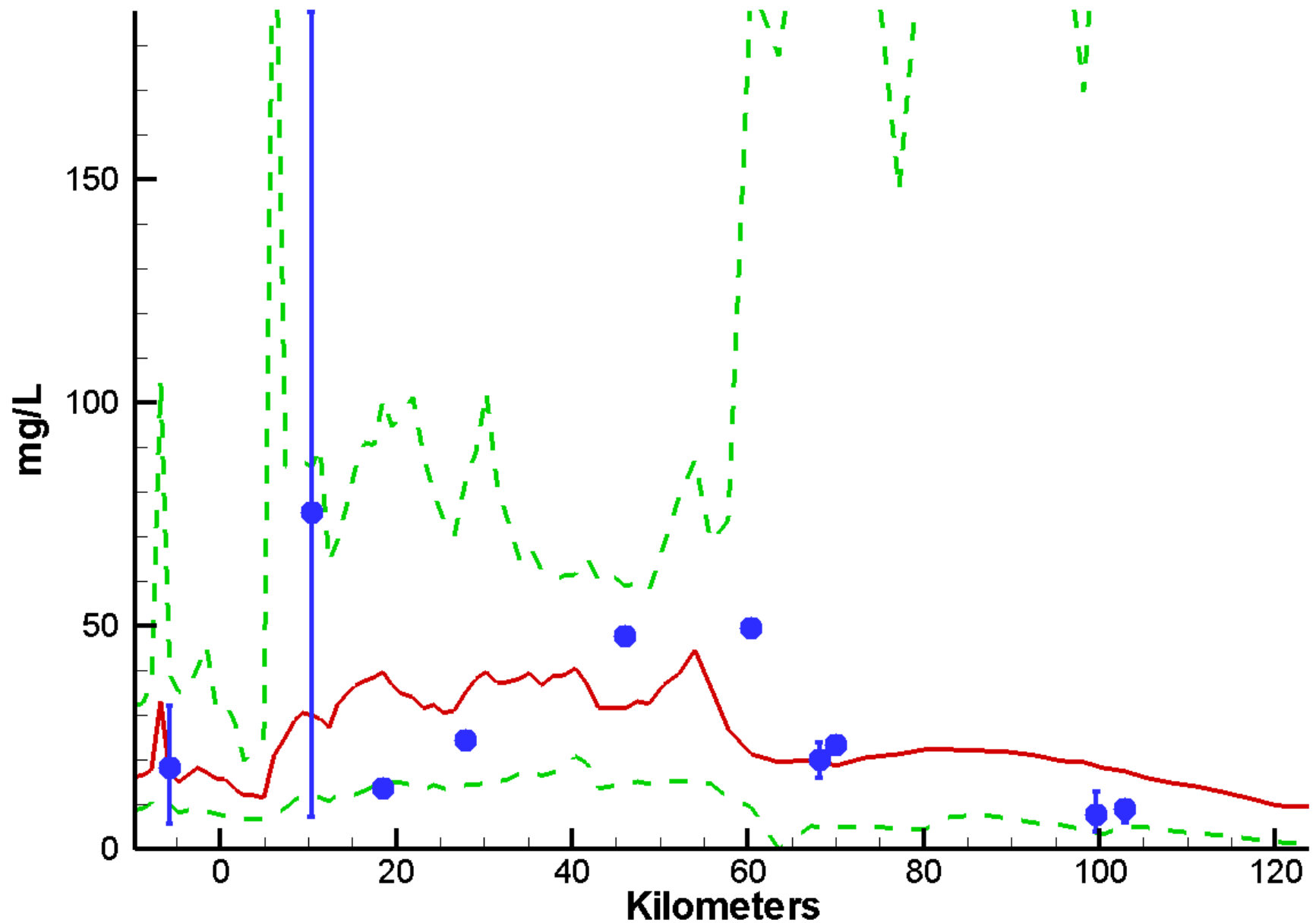
# York River Ches2015 Run118

## Surface Total Phosphorus Fall 1996



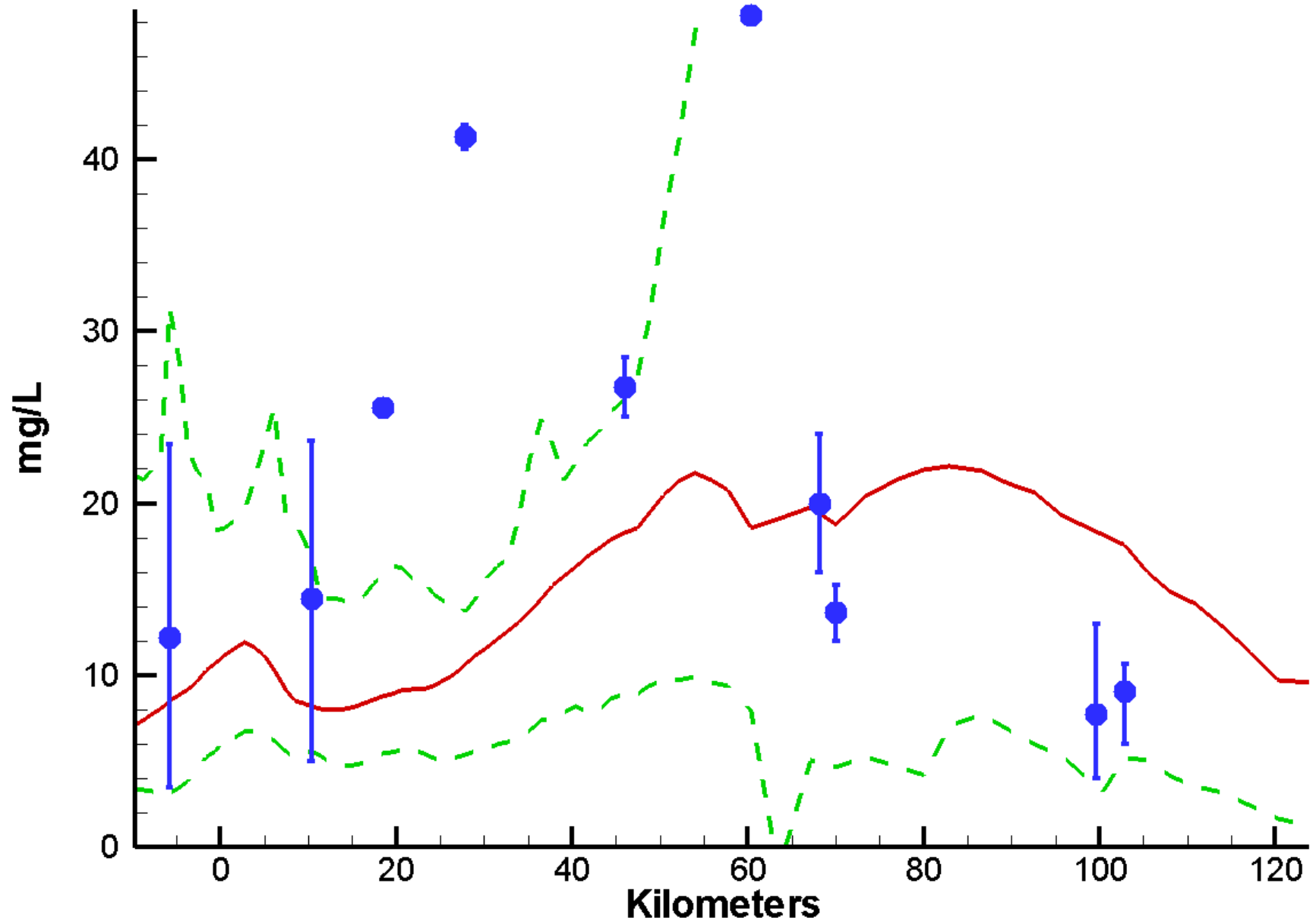
# York River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1996



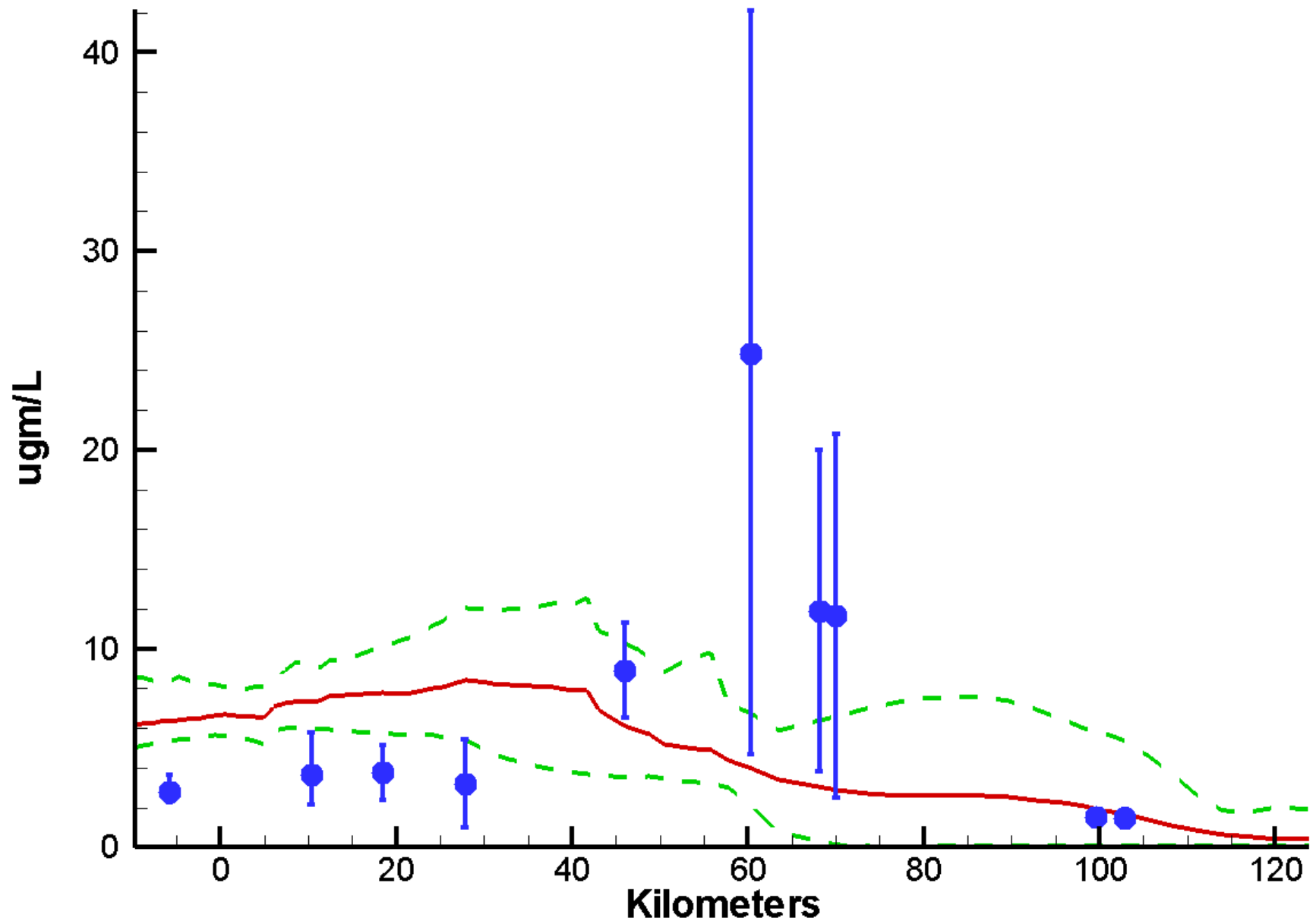
# York River Ches2015 Run118

## Surface Total Suspended Solids Fall 1996



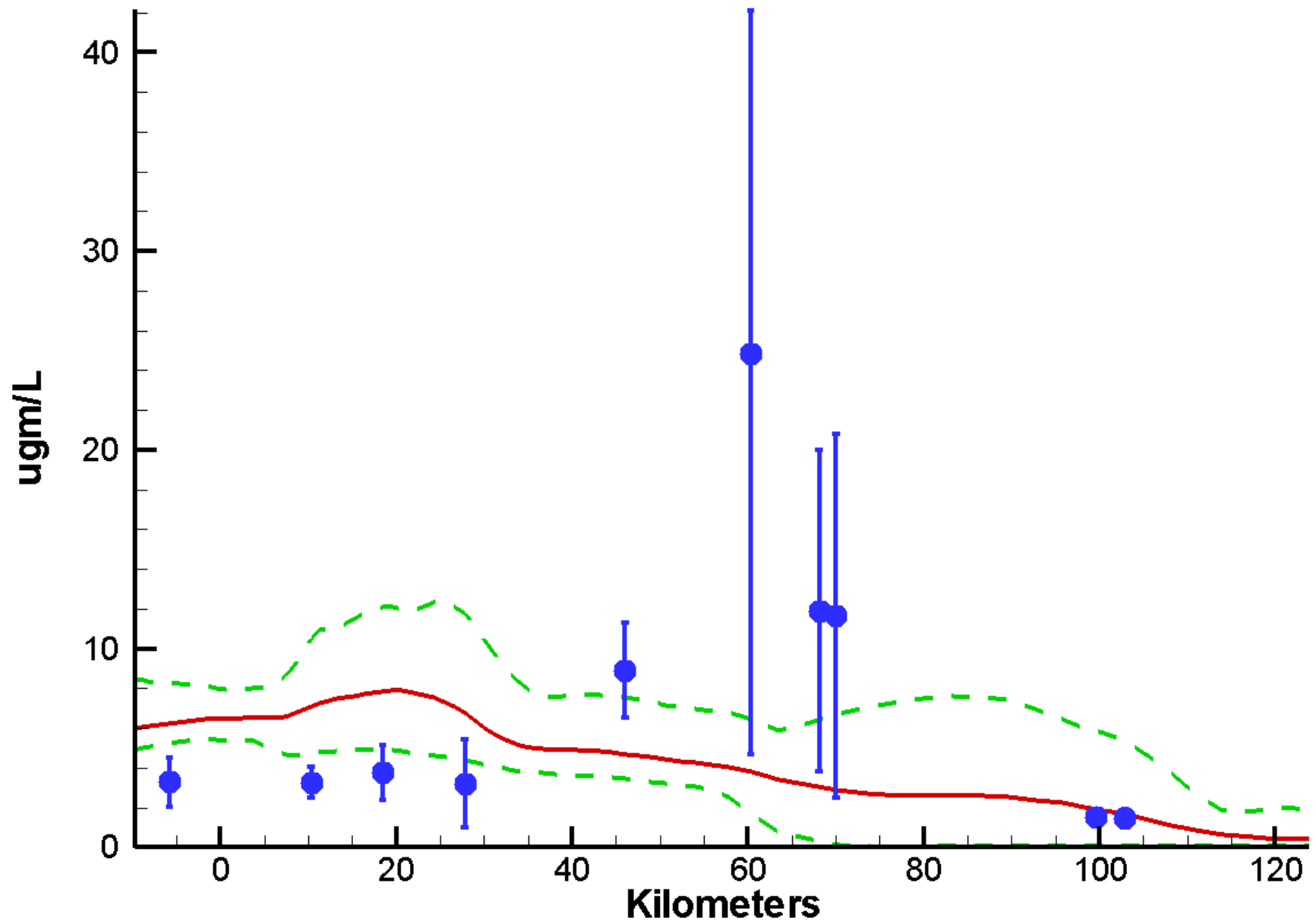
# York River Ches2015 Run118

## Bottom Chlorophyll Winter 1999



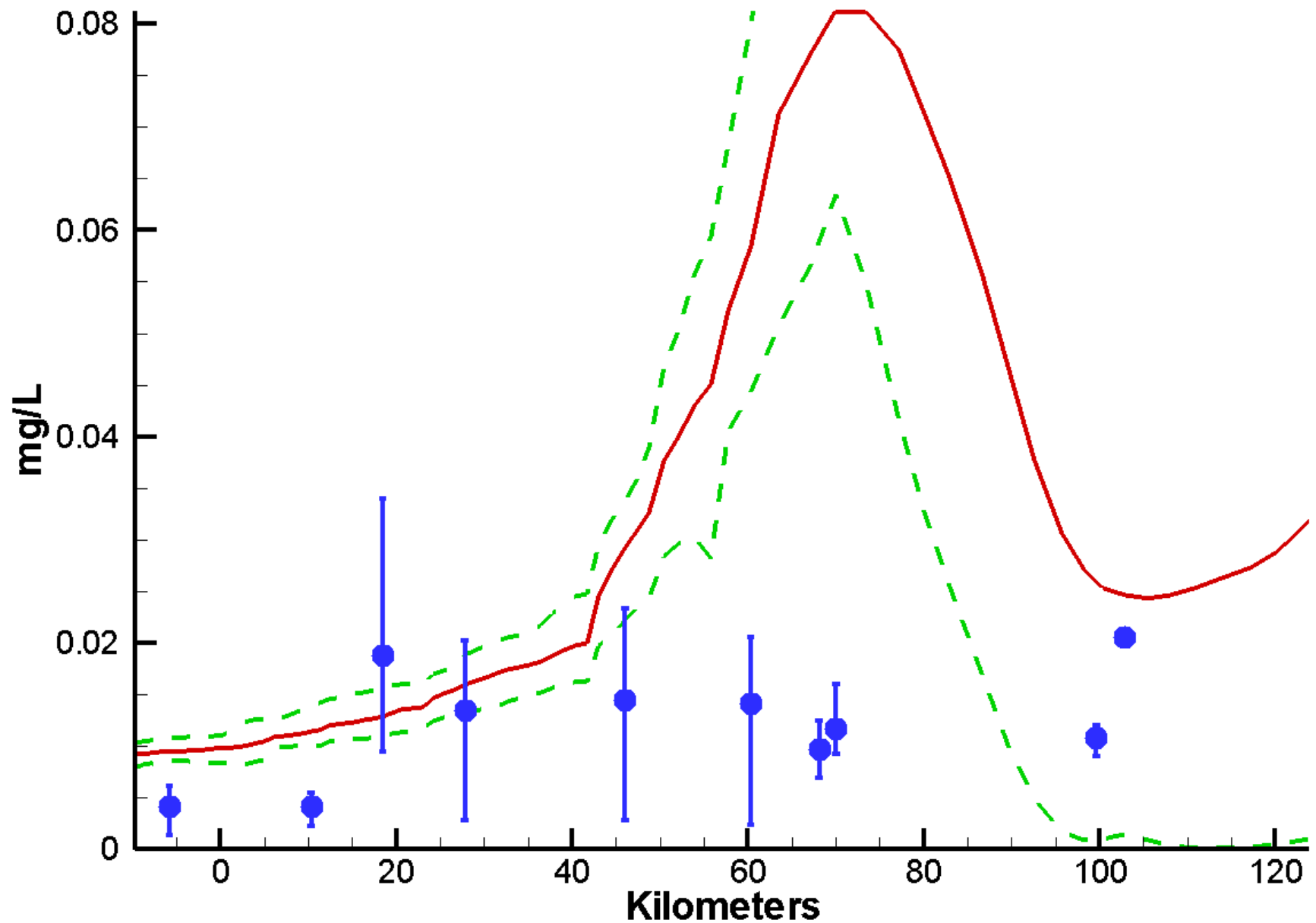
# York River Ches2015 Run118

## Surface Chlorophyll Winter 1999



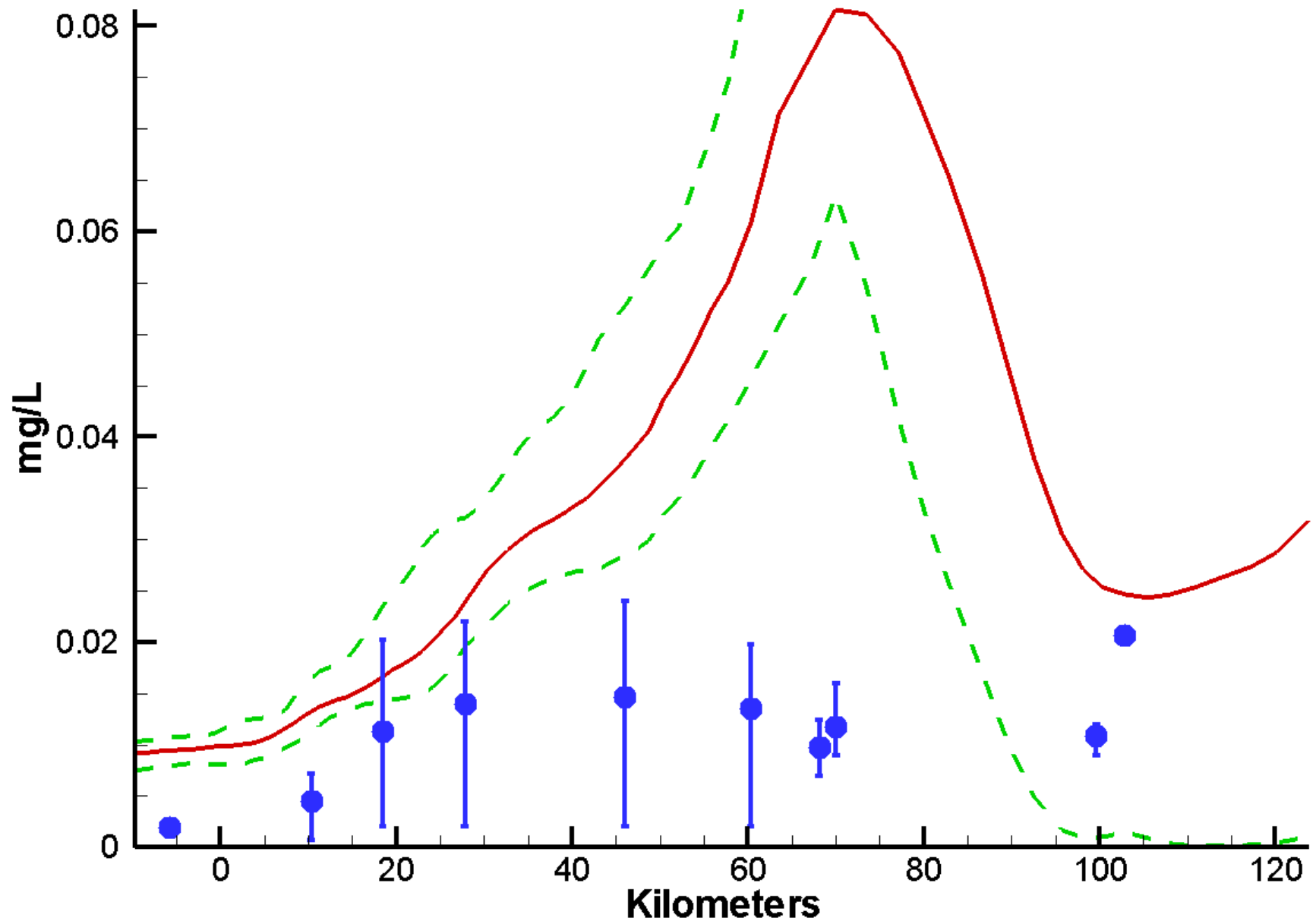
# York River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1999



# York River Ches2015 Run118

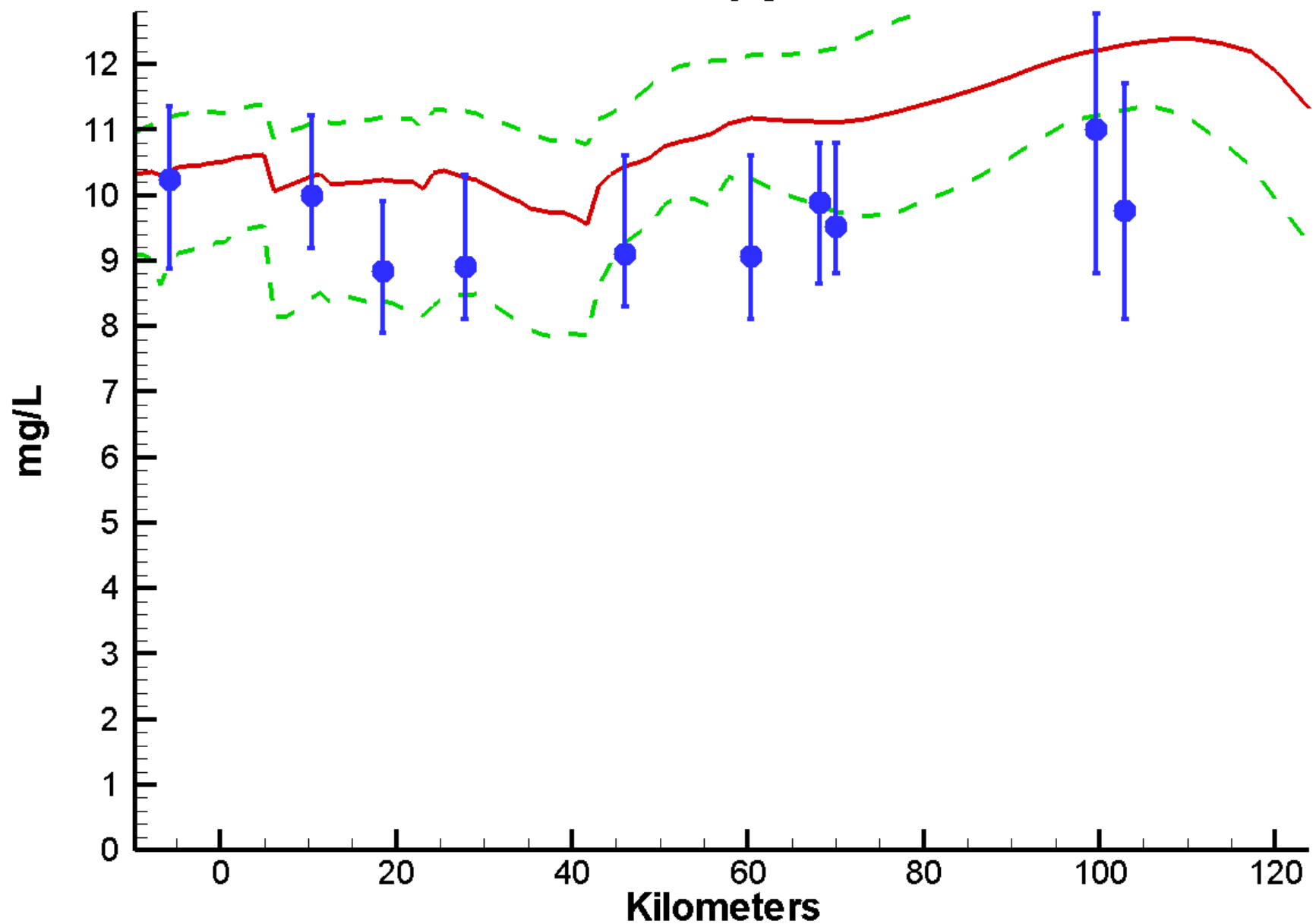
## Surface Dissolved Phosphate Winter 1999





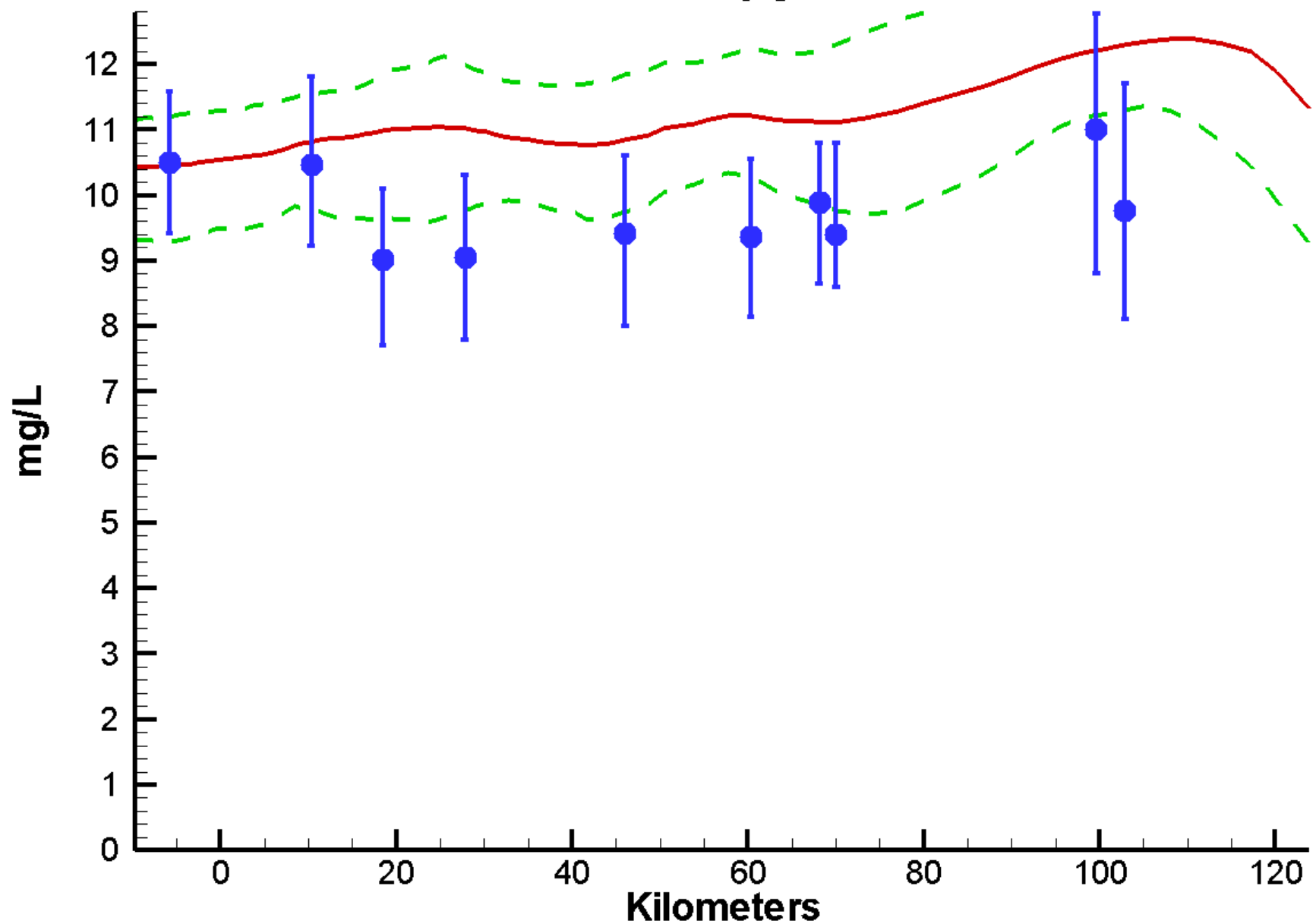
# York River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1999



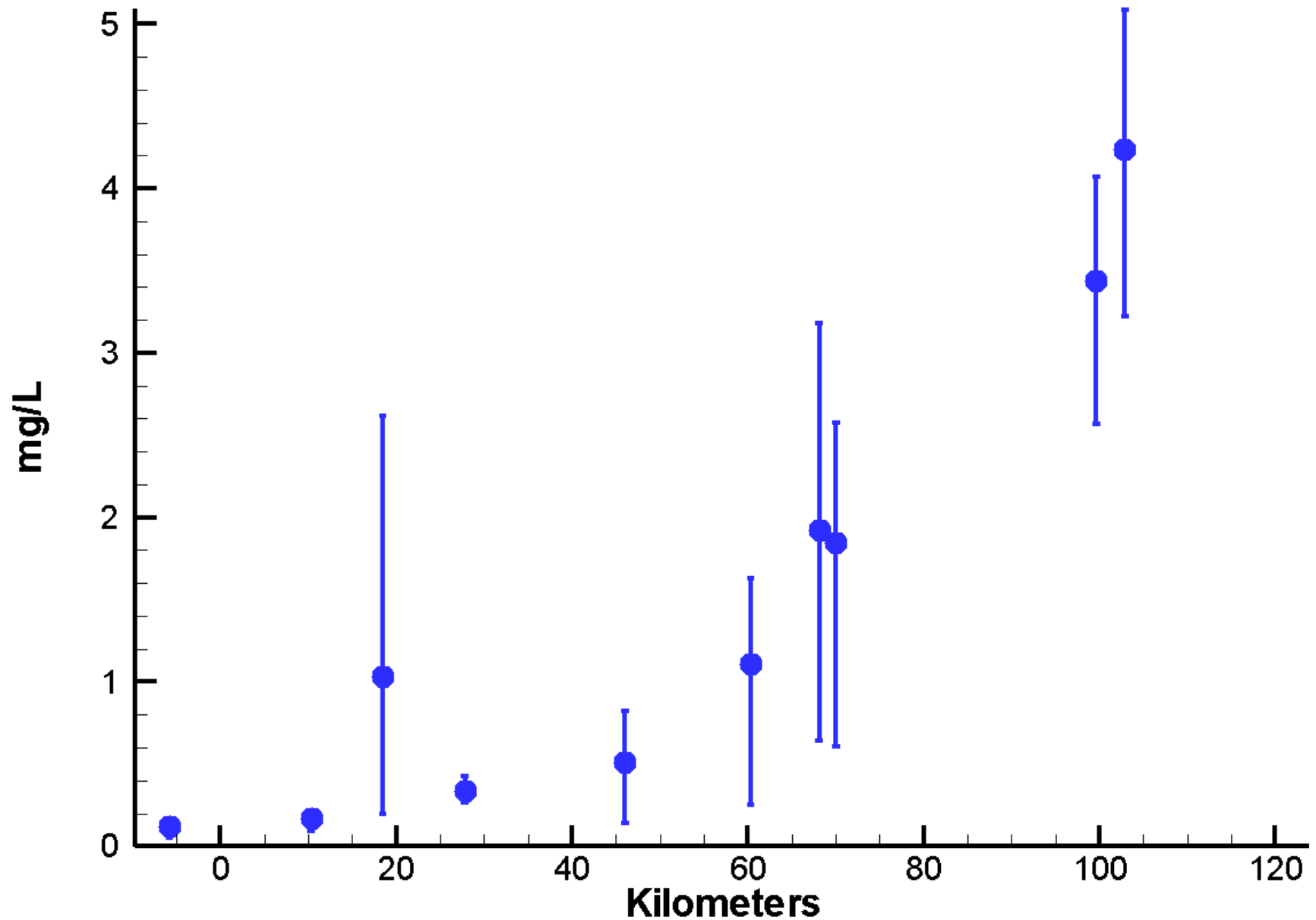
# York River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1999



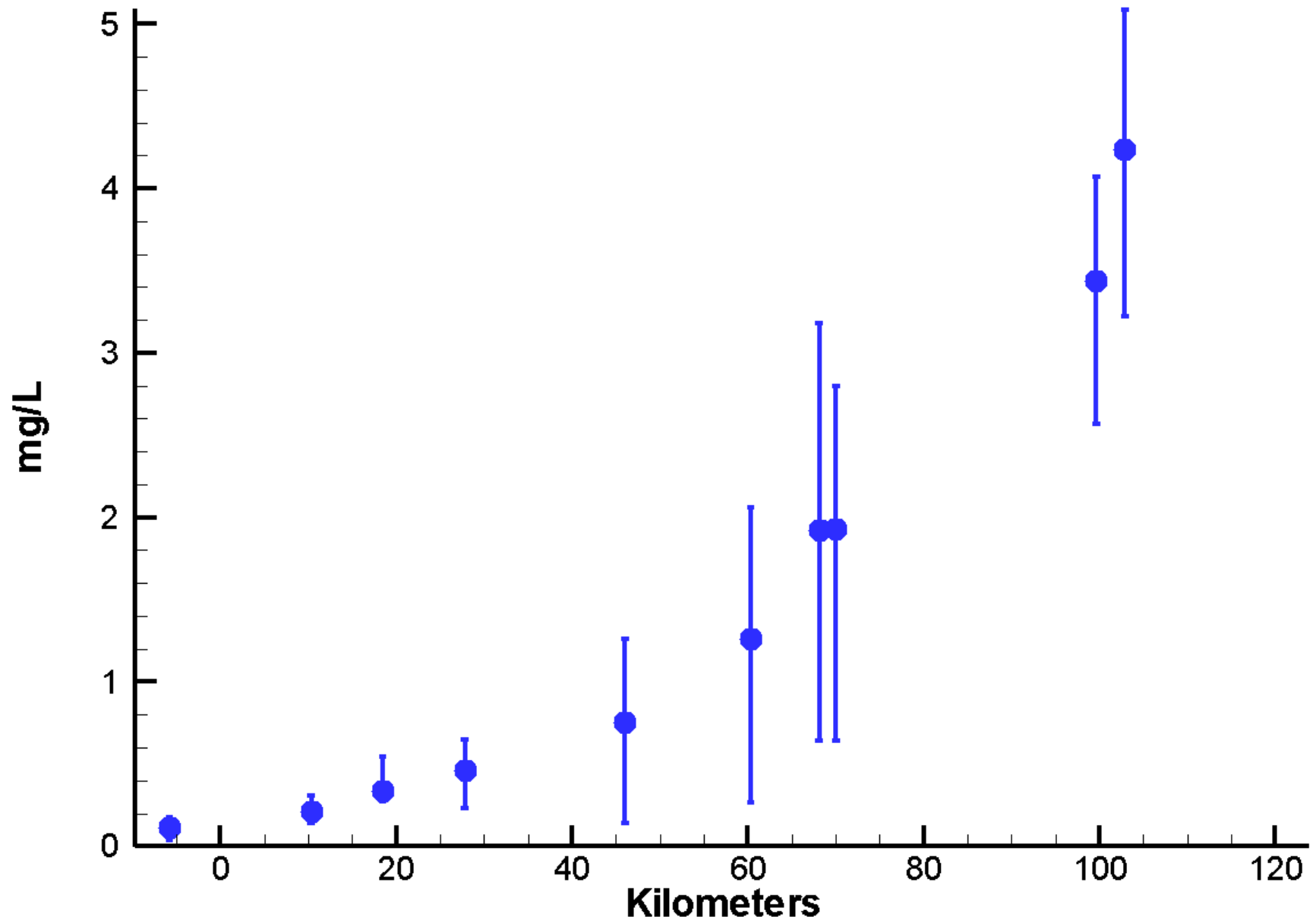
# York River Ches2015 Run118

## Bottom Dissolved Silica Winter 1999



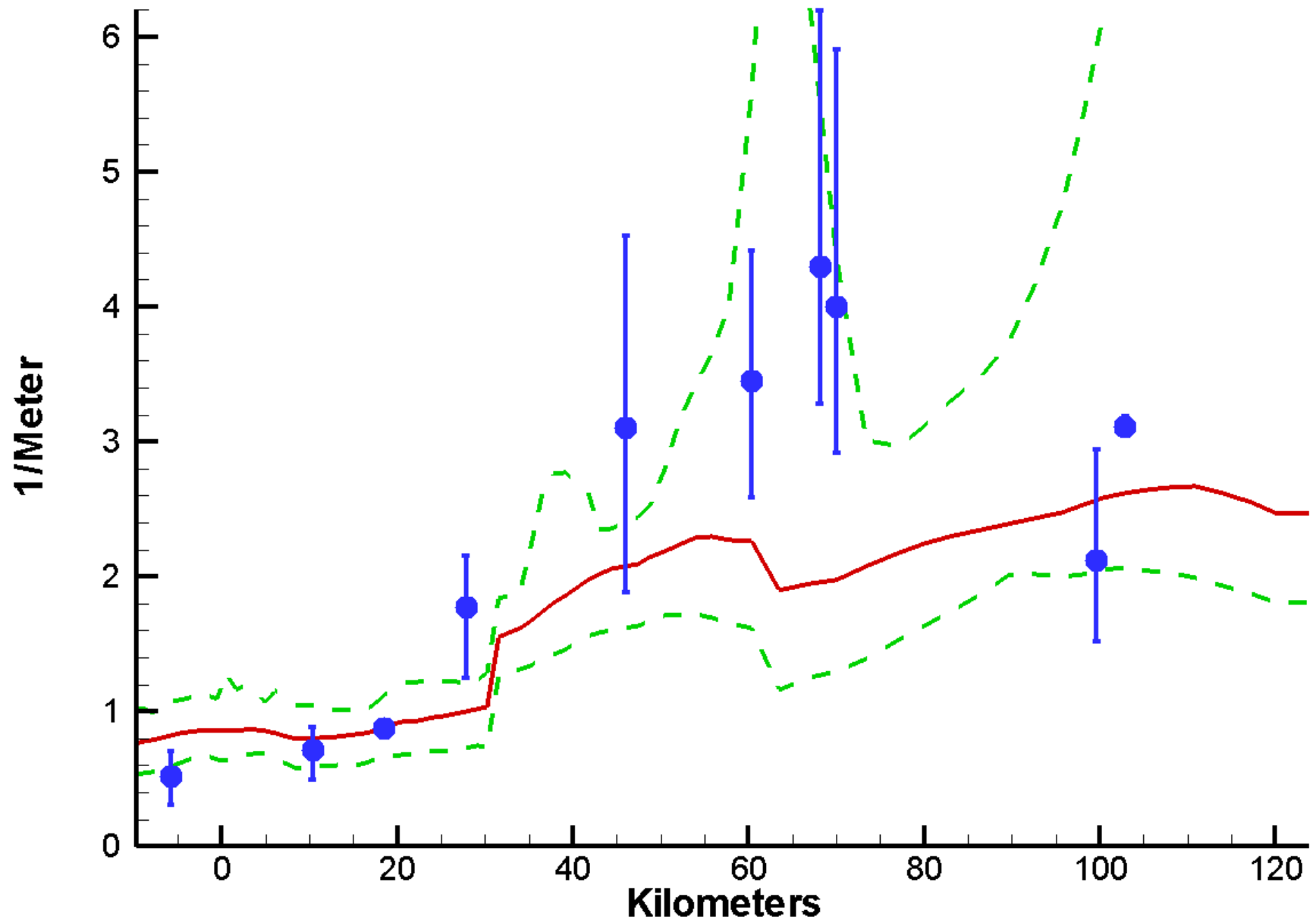
# York River Ches2015 Run118

## Surface Dissolved Silica Winter 1999

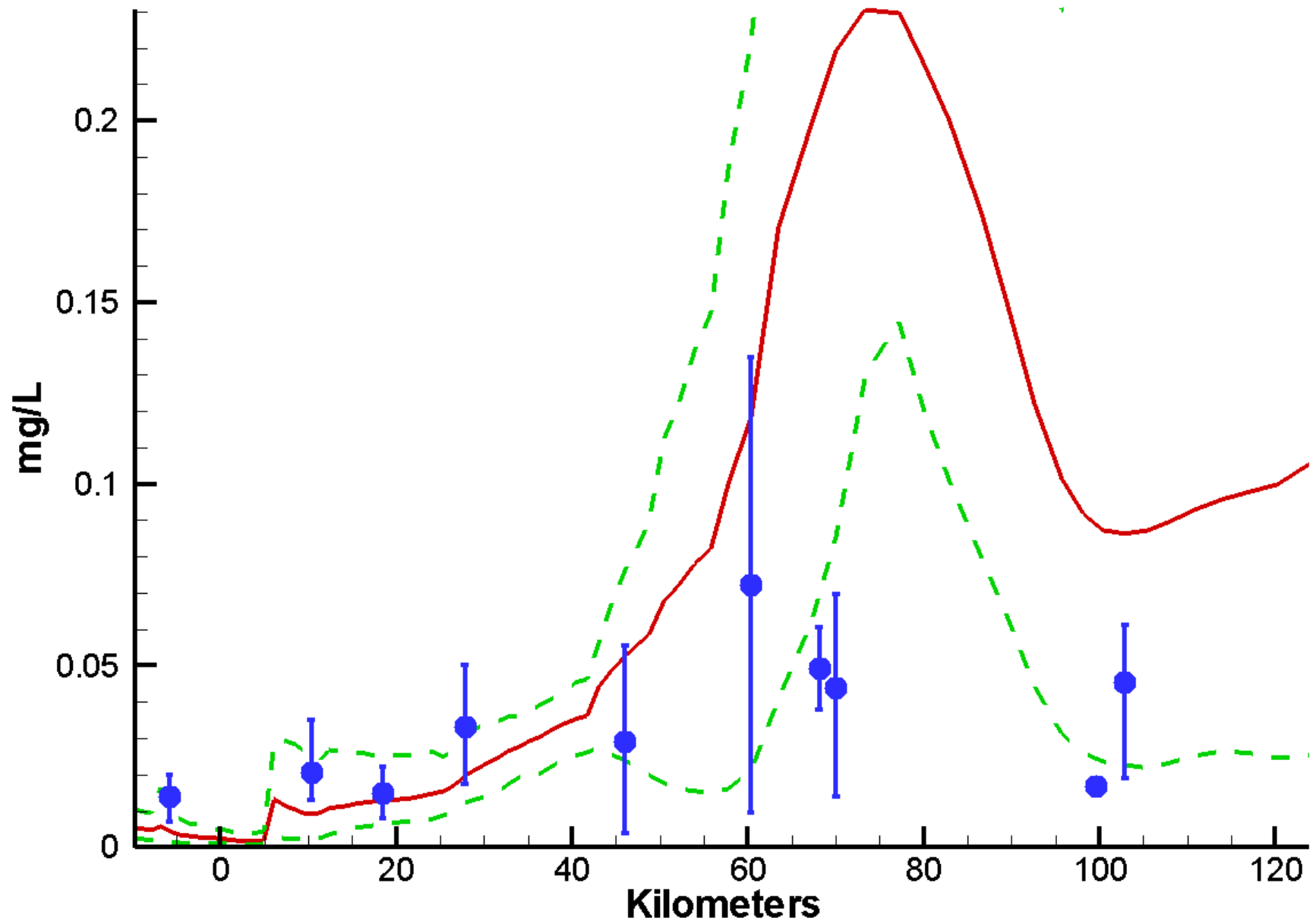


# York River Ches2015 Run118

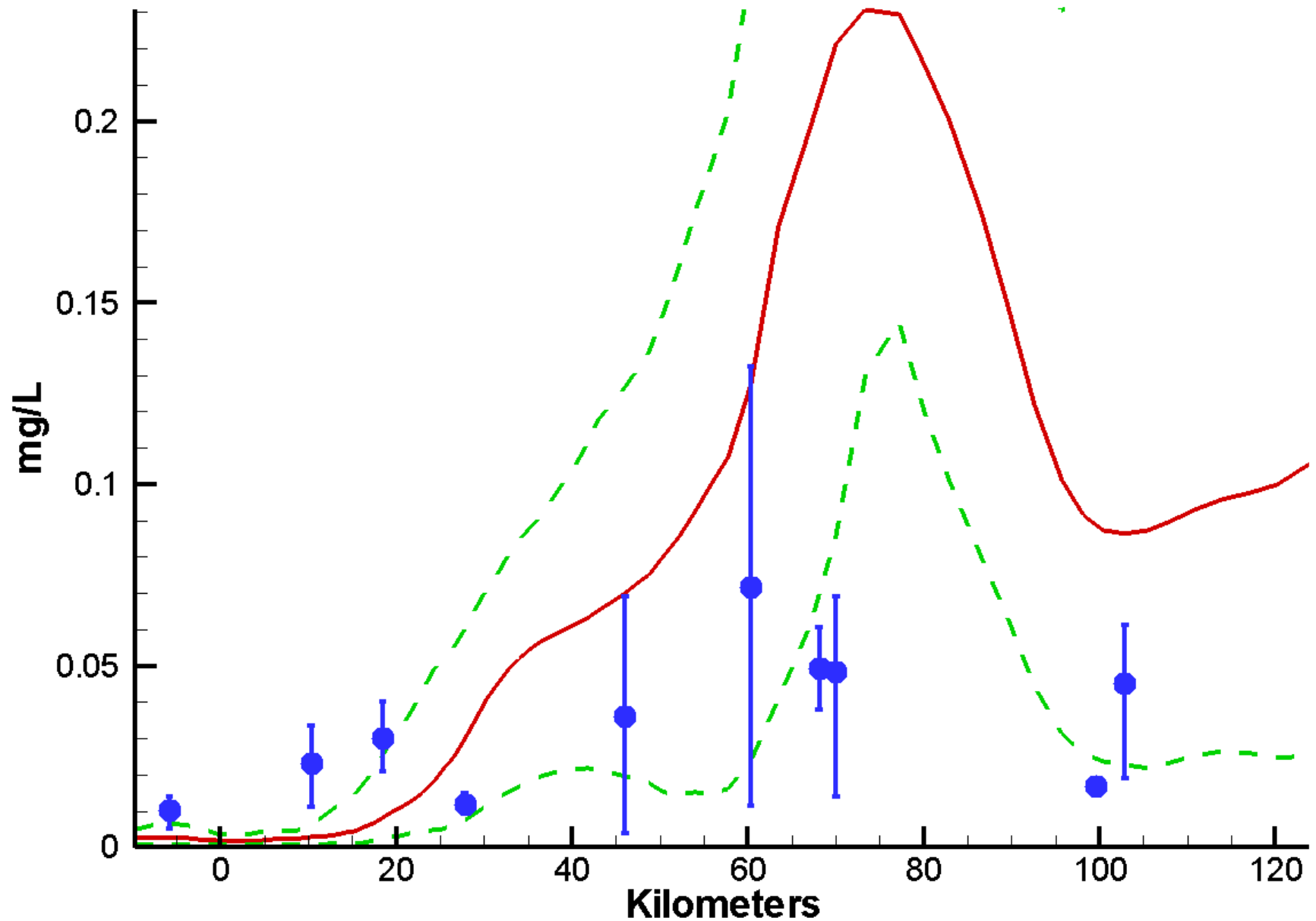
## Surface Light Extinction Winter 1999



# York River Ches2015 Run118 Bottom Ammonium Winter 1999

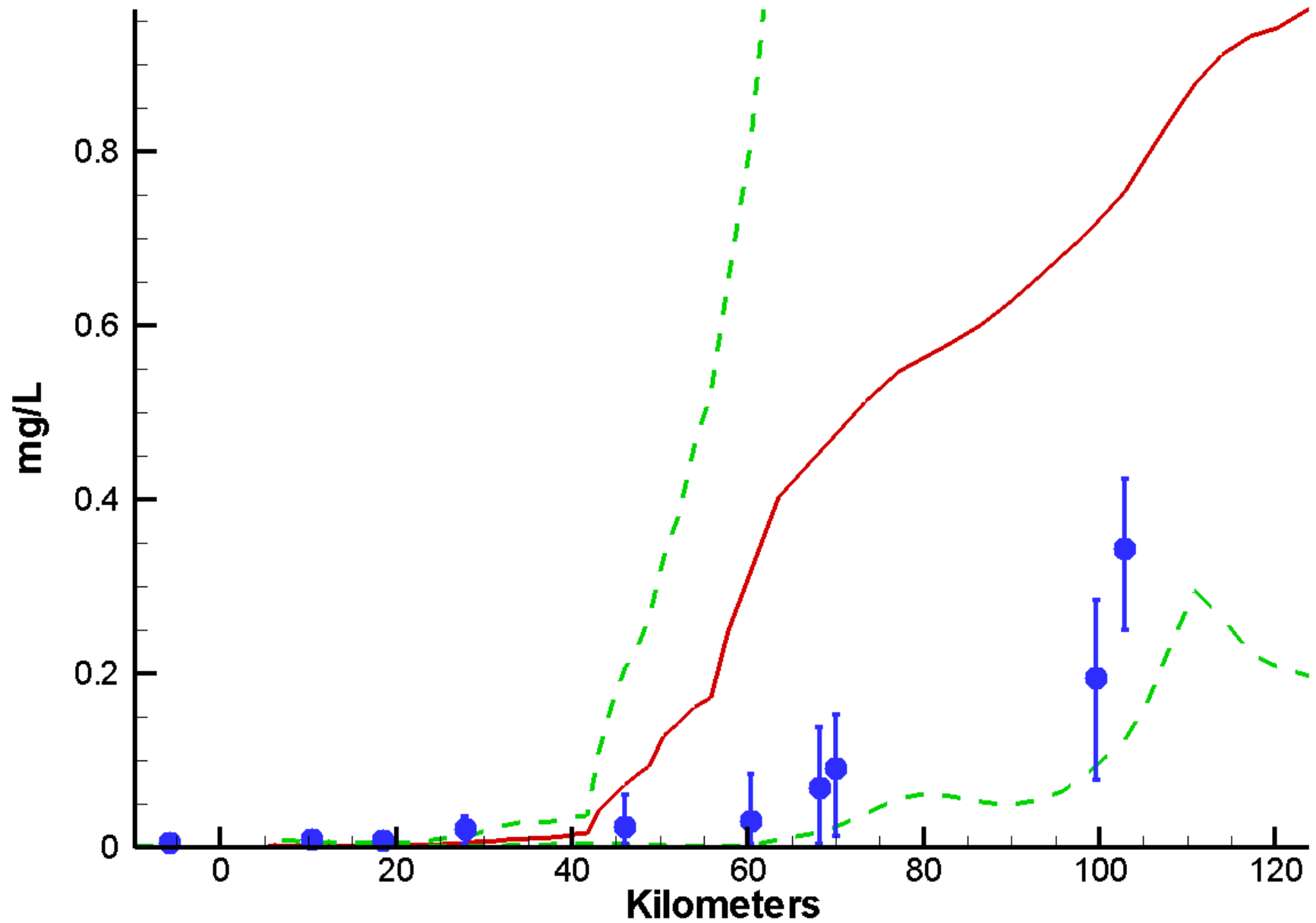


# York River Ches2015 Run118 Surface Ammonium Winter 1999



# York River Ches2015 Run118

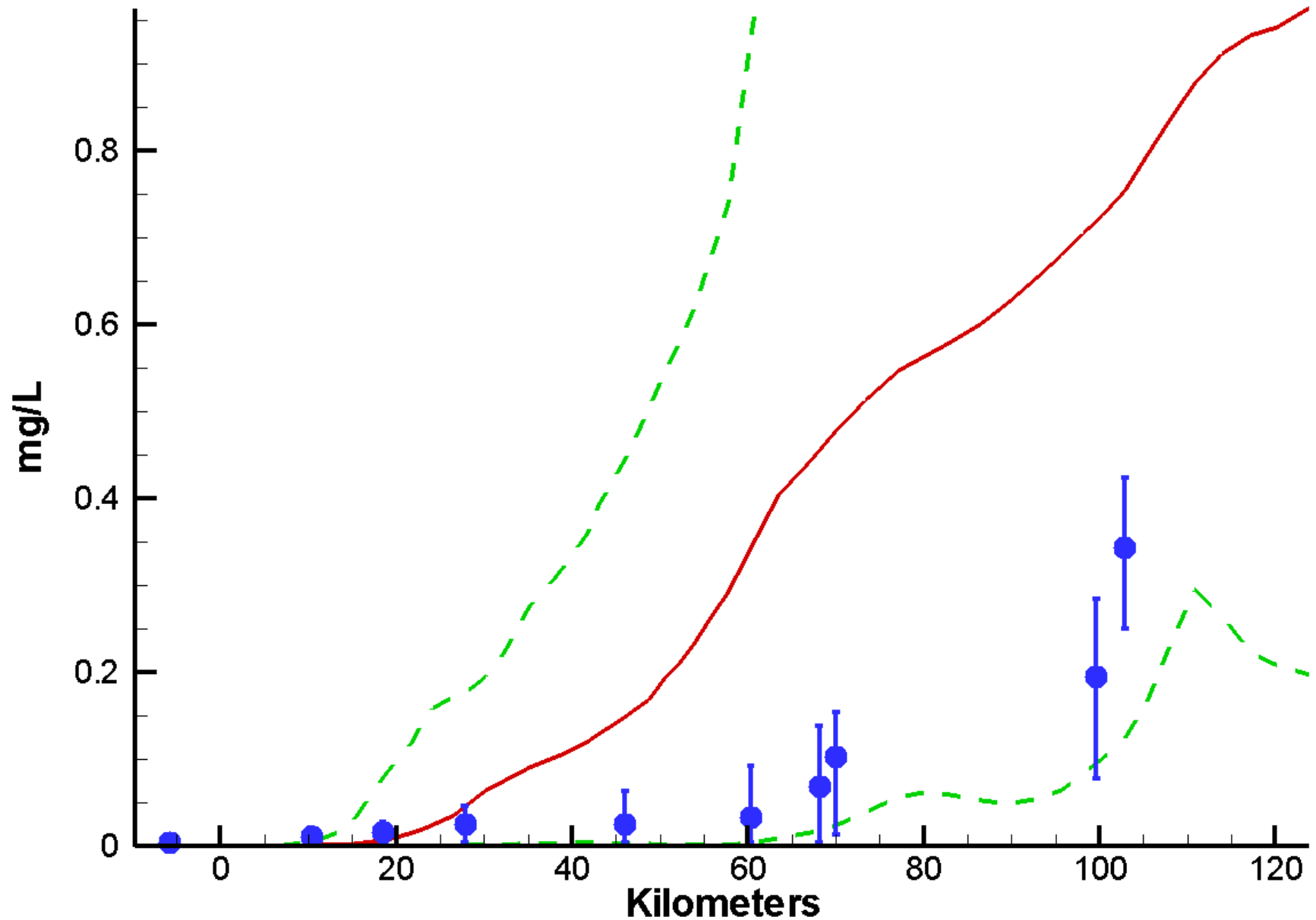
## Bottom Nitrate Winter 1999





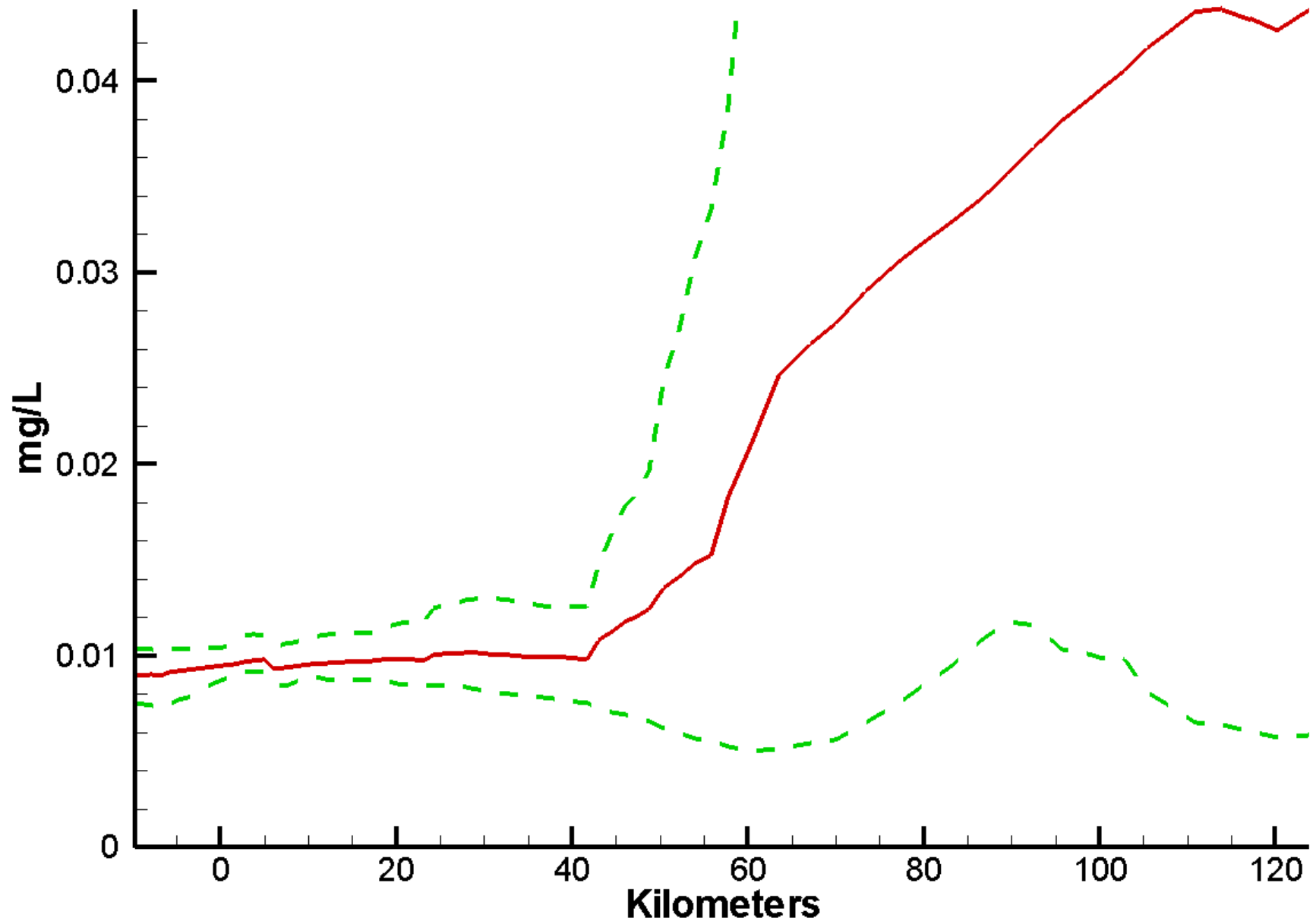
# York River Ches2015 Run118

## Surface Nitrate Winter 1999



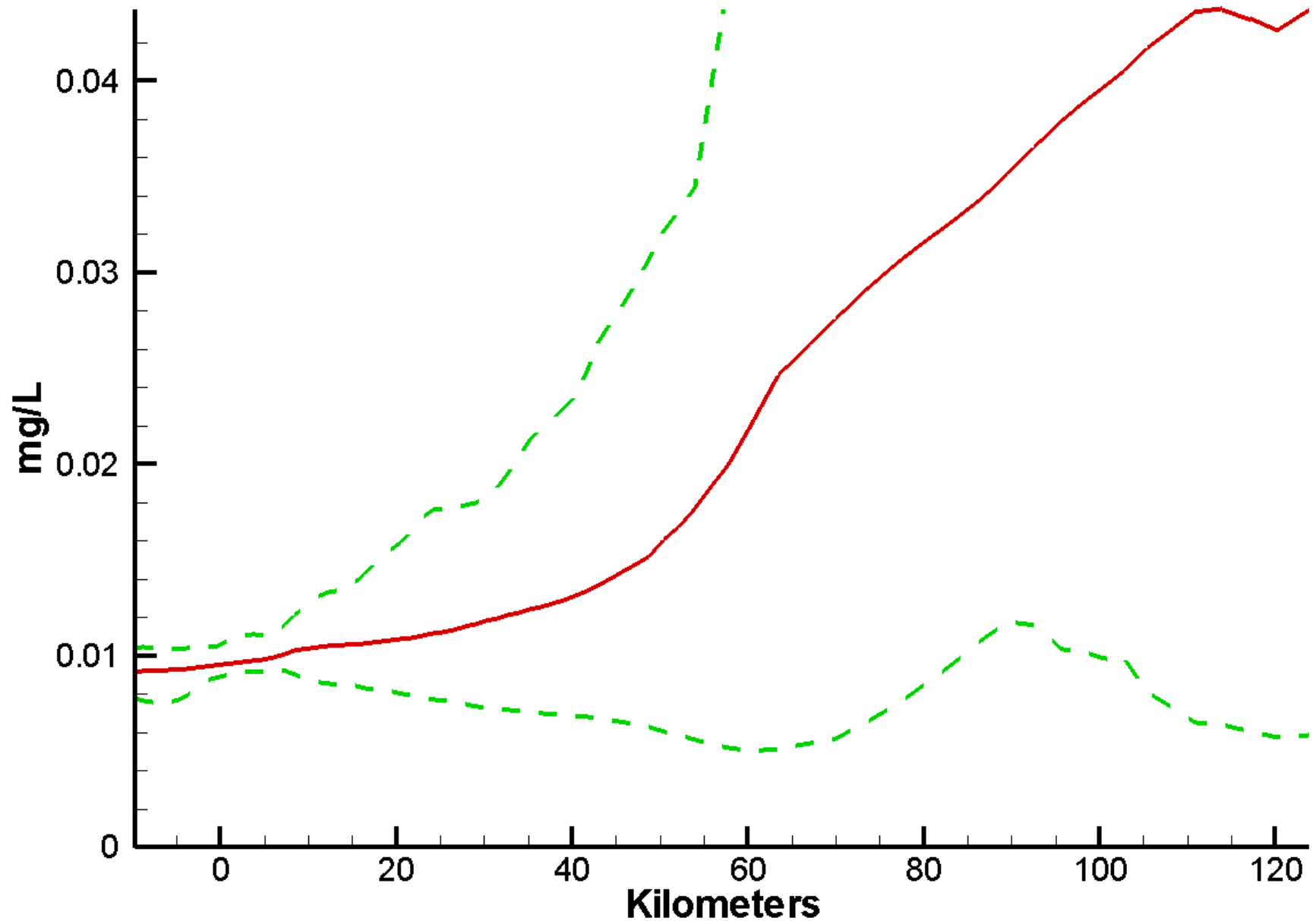
# York River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1999



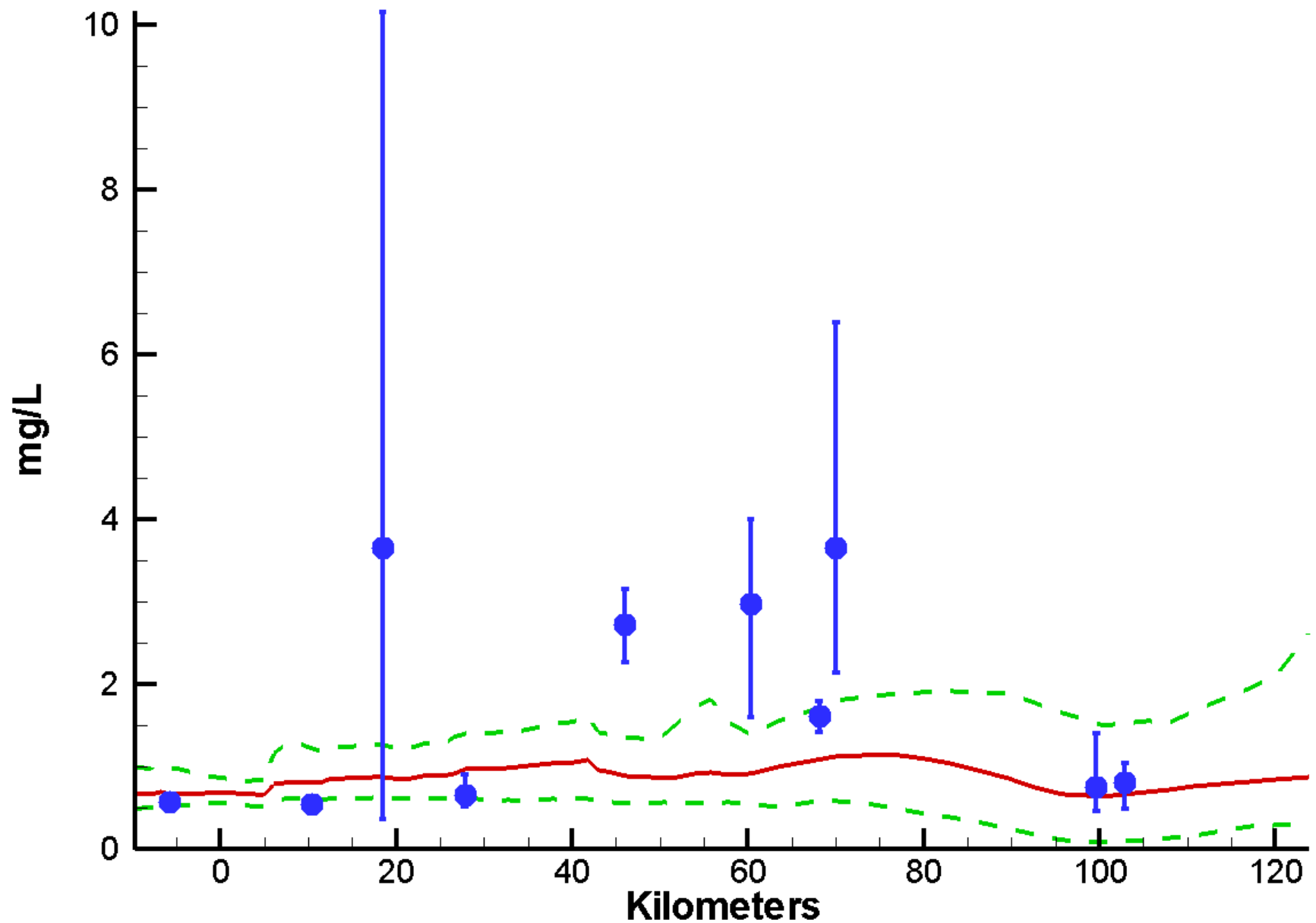
# York River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1999



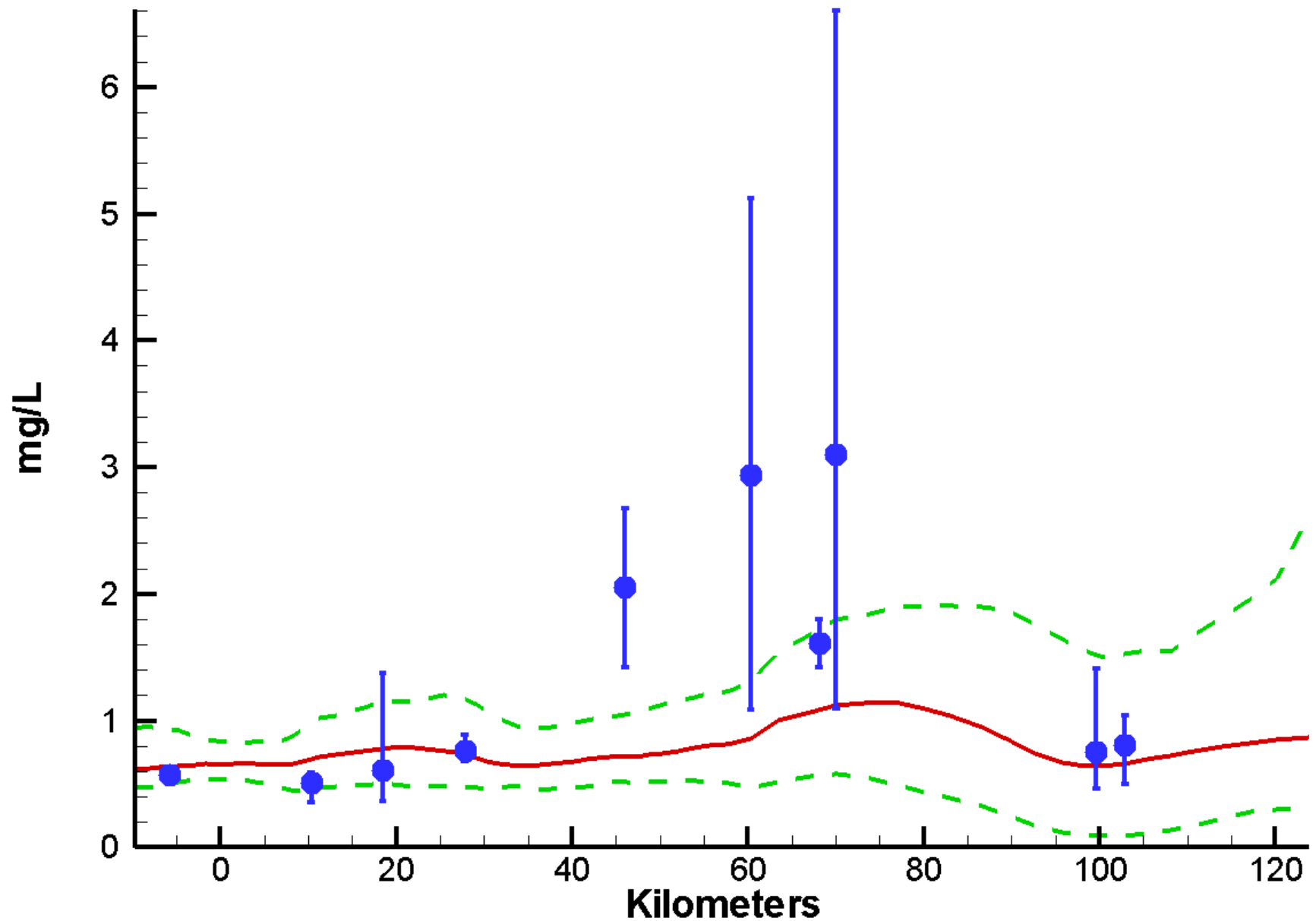
# York River Ches2015 Run118

## Bottom Particulate Organic Carbon Winter 1999



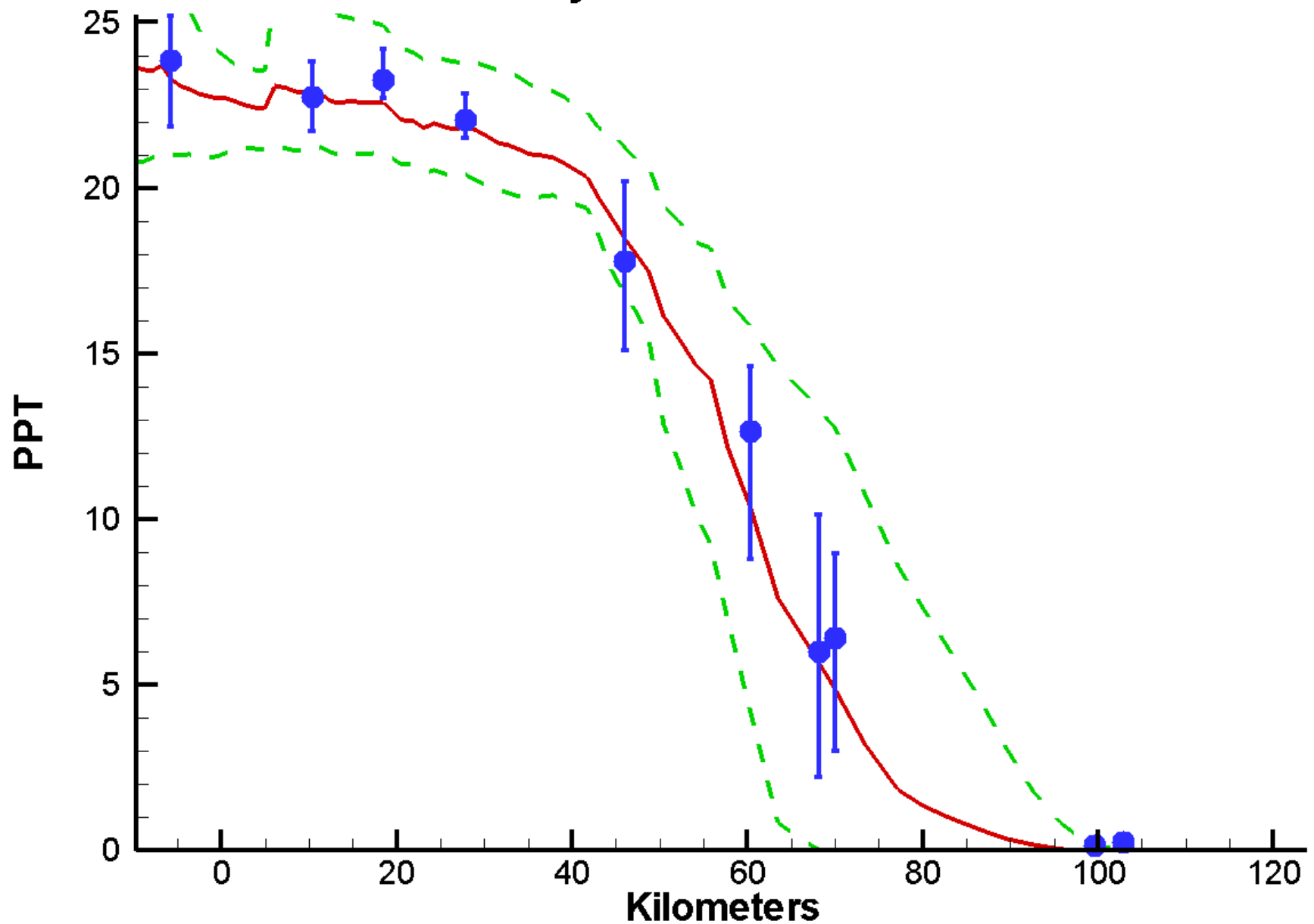
# York River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1999



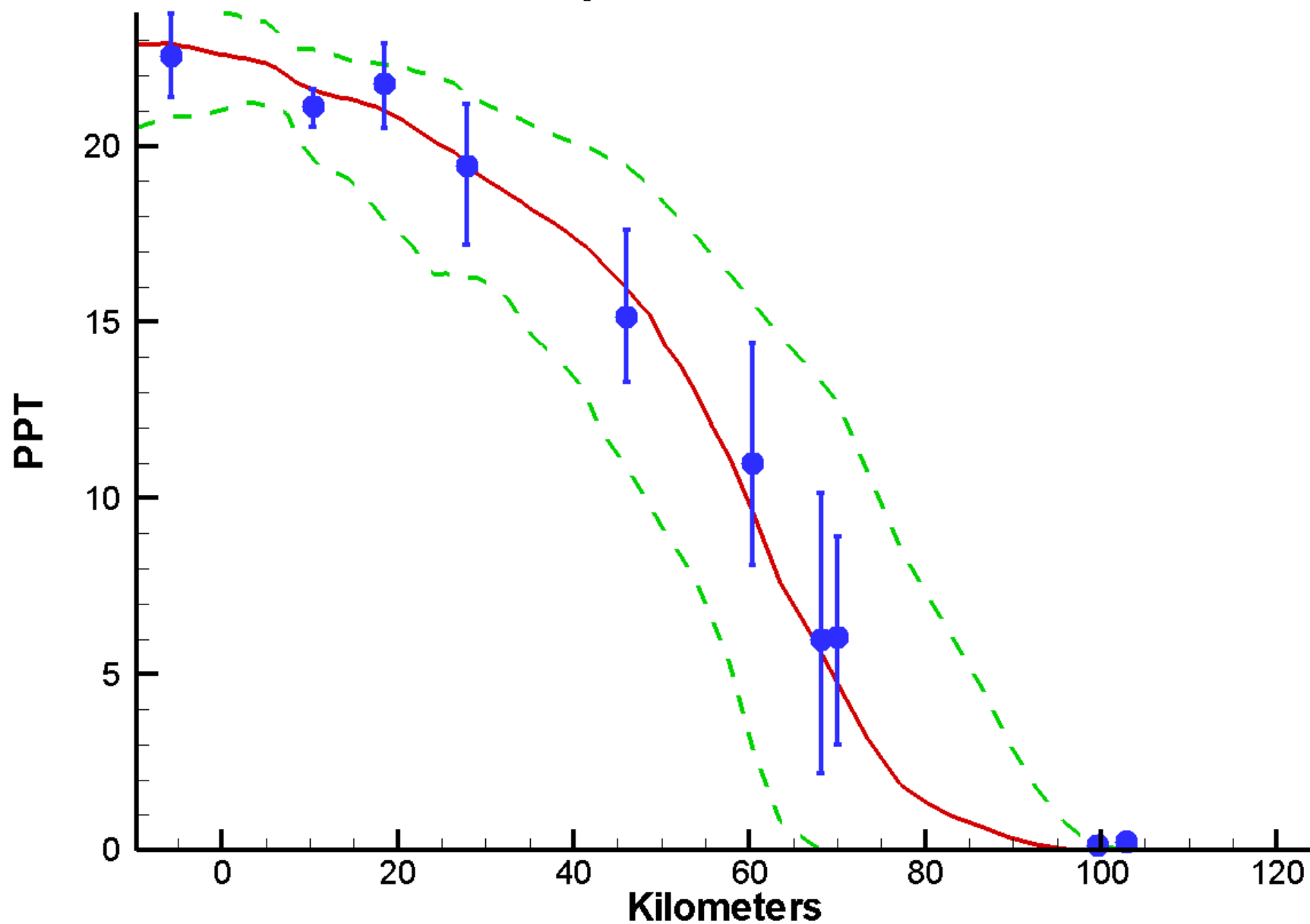
# York River Ches2015 Run118

## Bottom Salinity Winter 1999



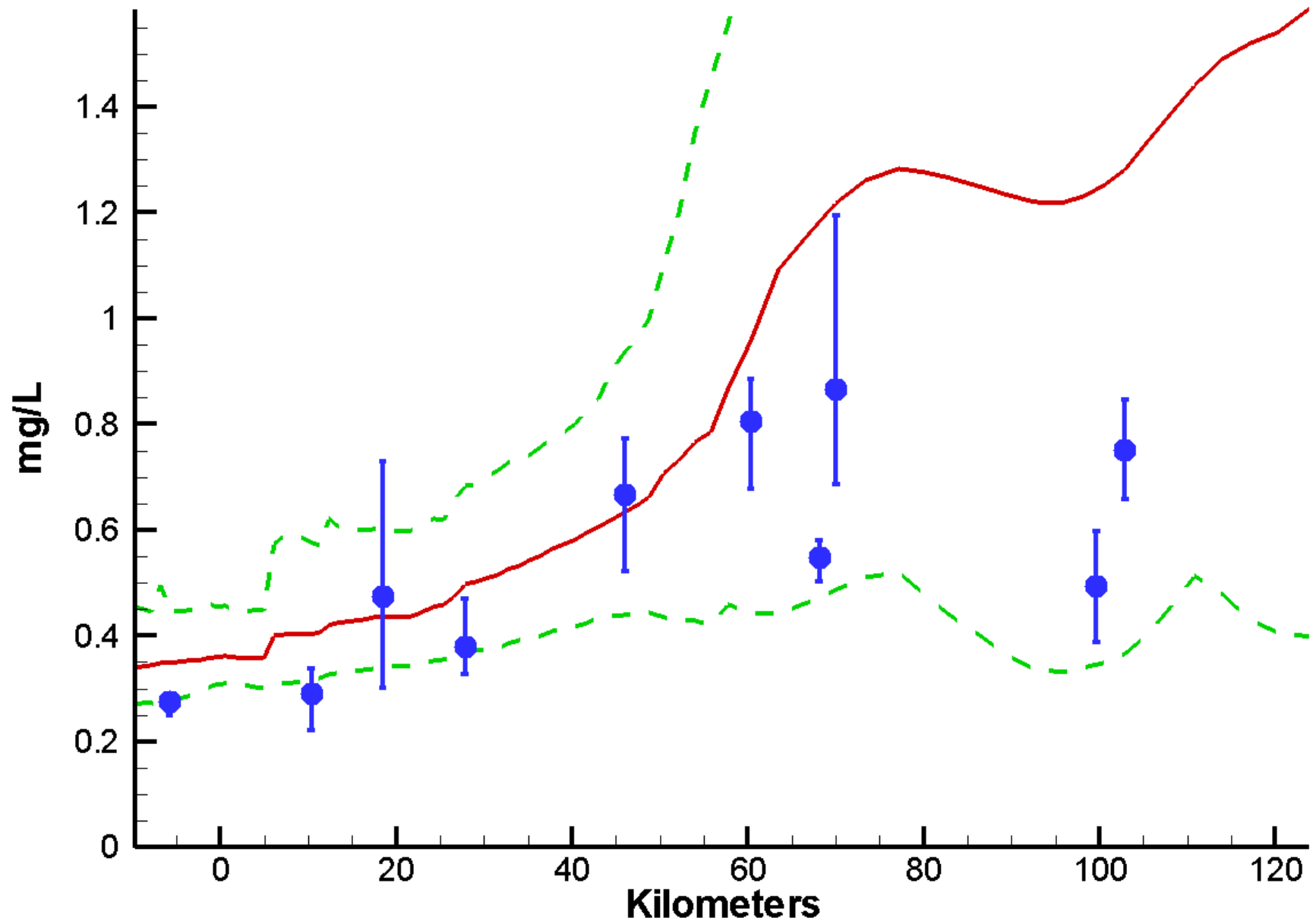
# York River Ches2015 Run118

## Surface Salinity Winter 1999



# York River Ches2015 Run118

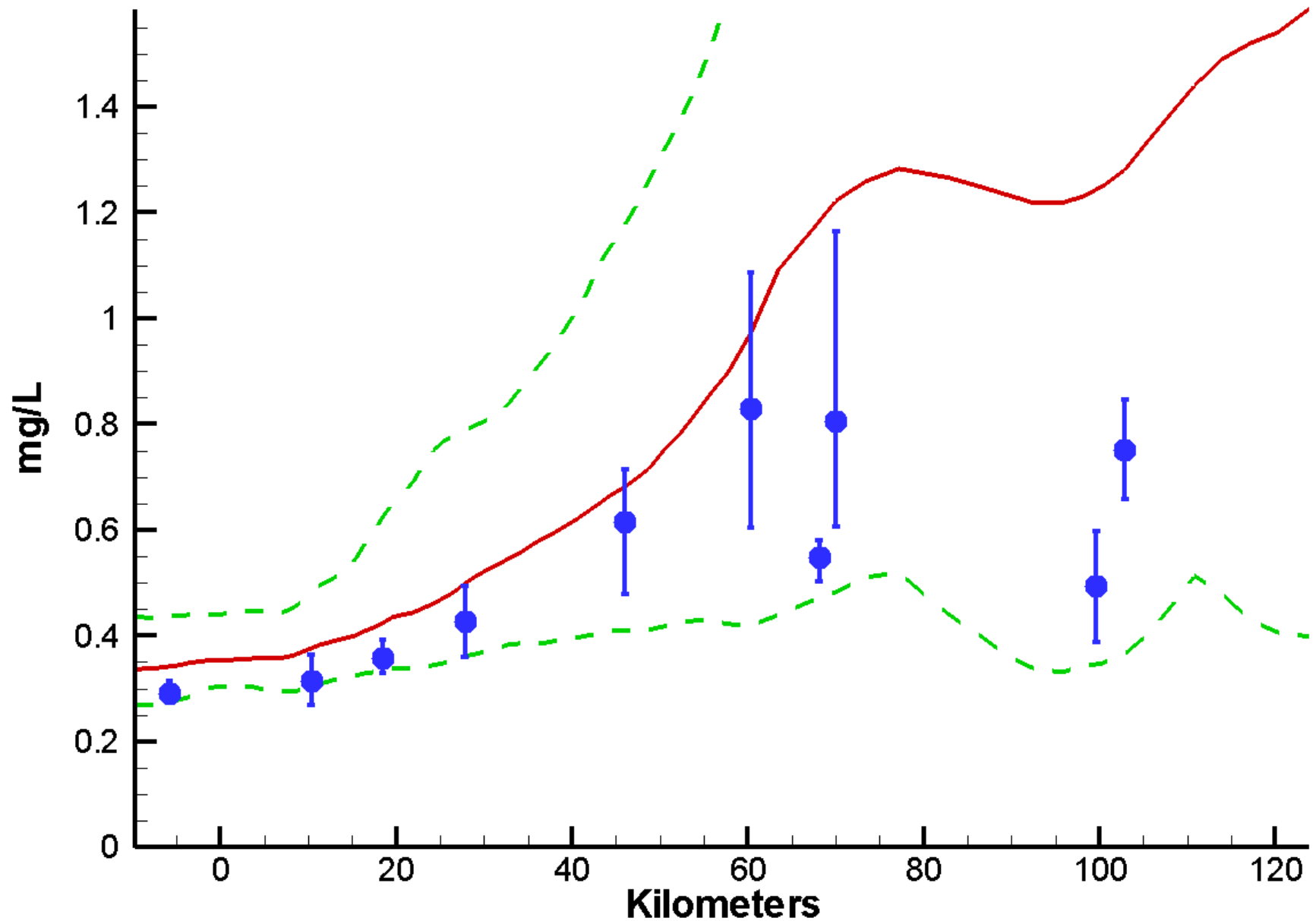
## Bottom Total Nitrogen Winter 1999





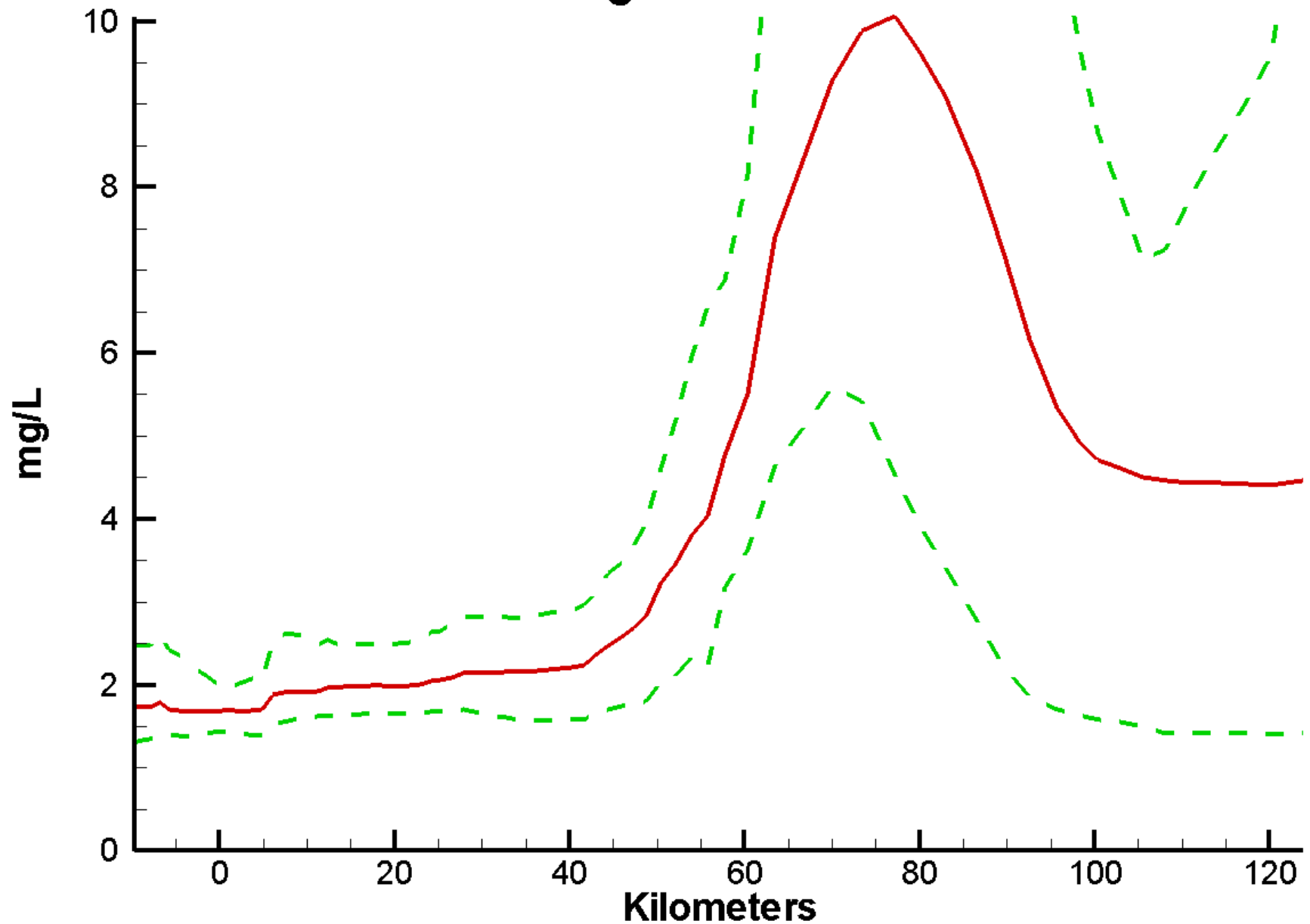
# York River Ches2015 Run118

## Surface Total Nitrogen Winter 1999



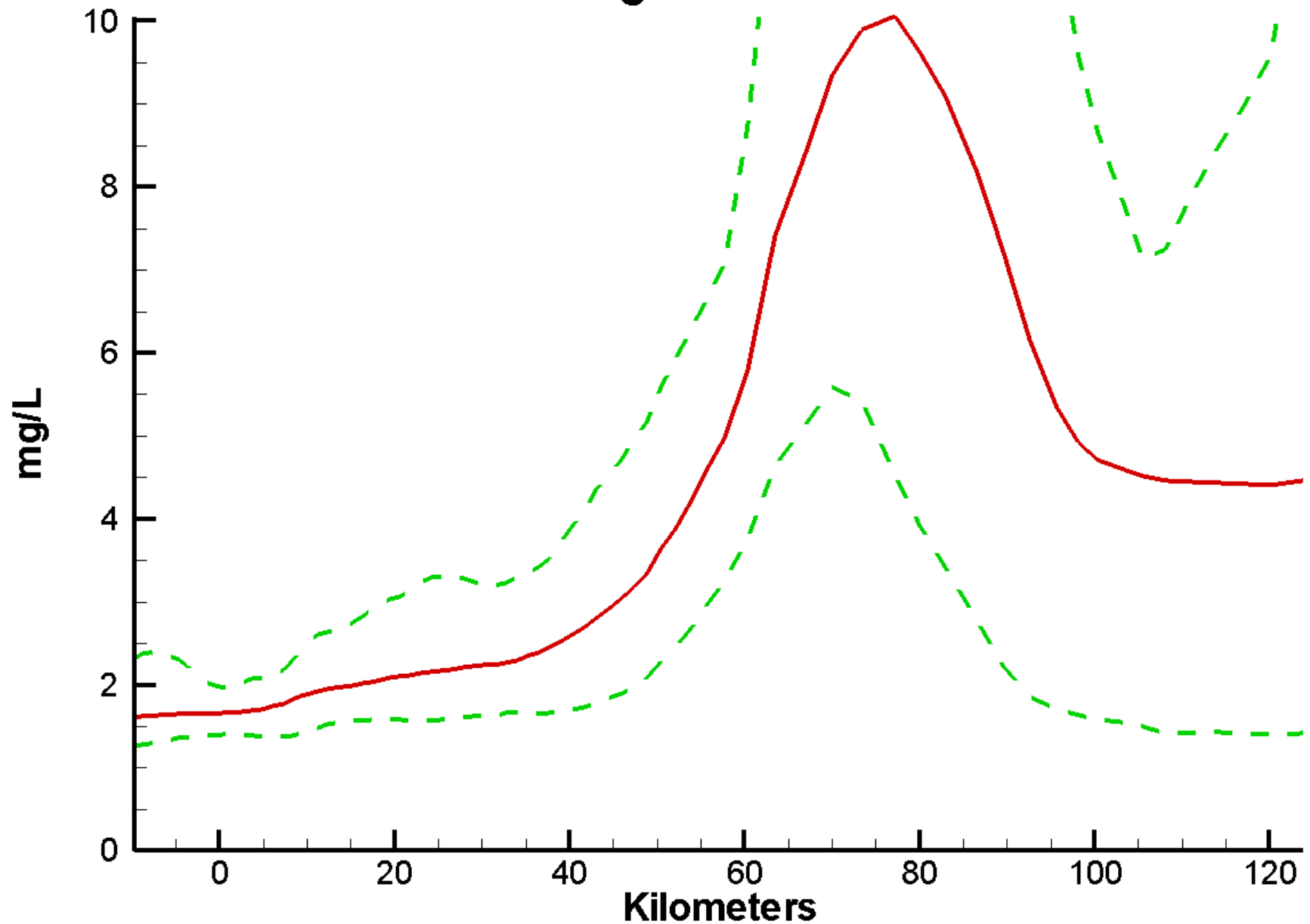
# York River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1999



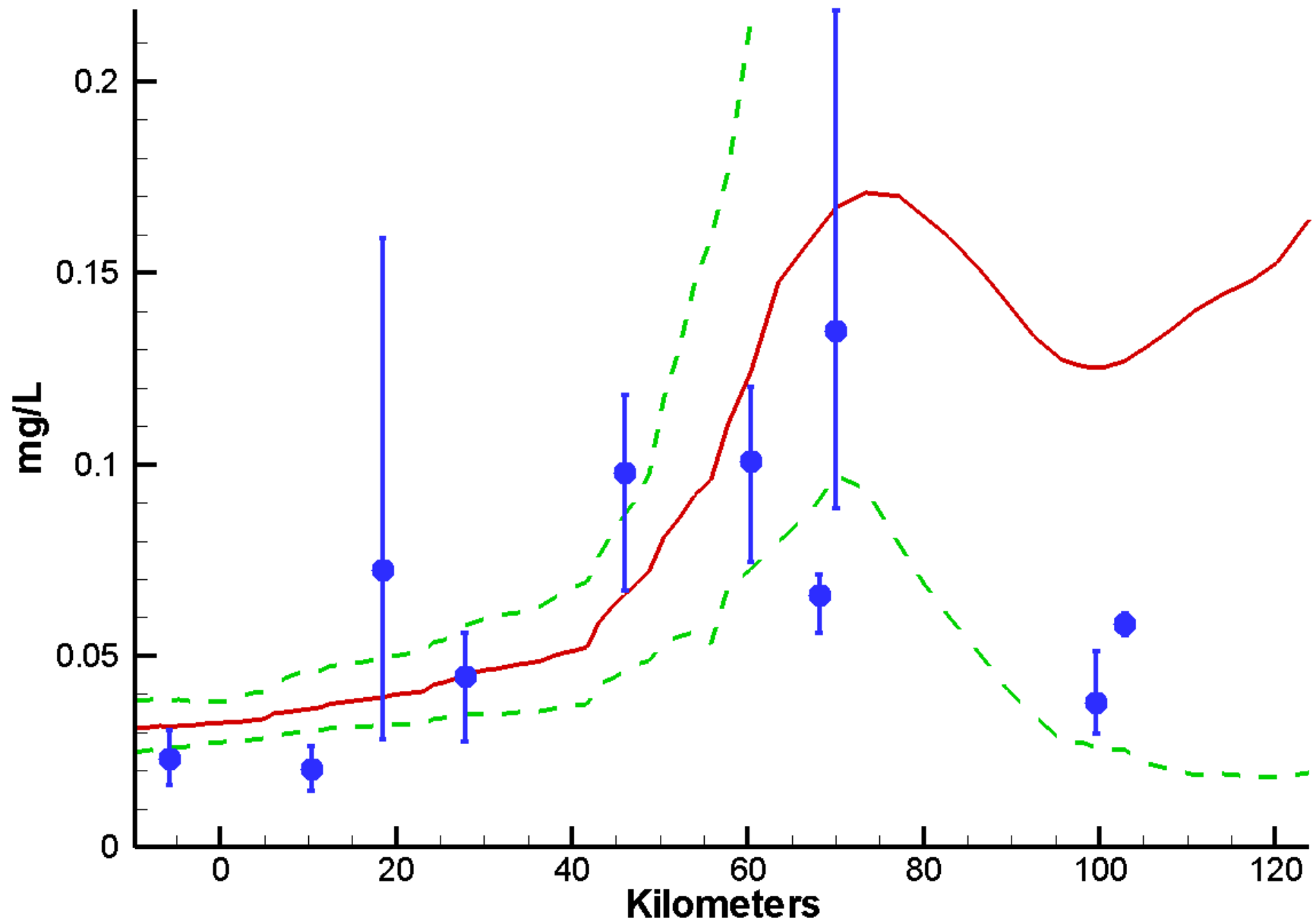
# York River Ches2015 Run118

## Surface Total Organic Carbon Winter 1999



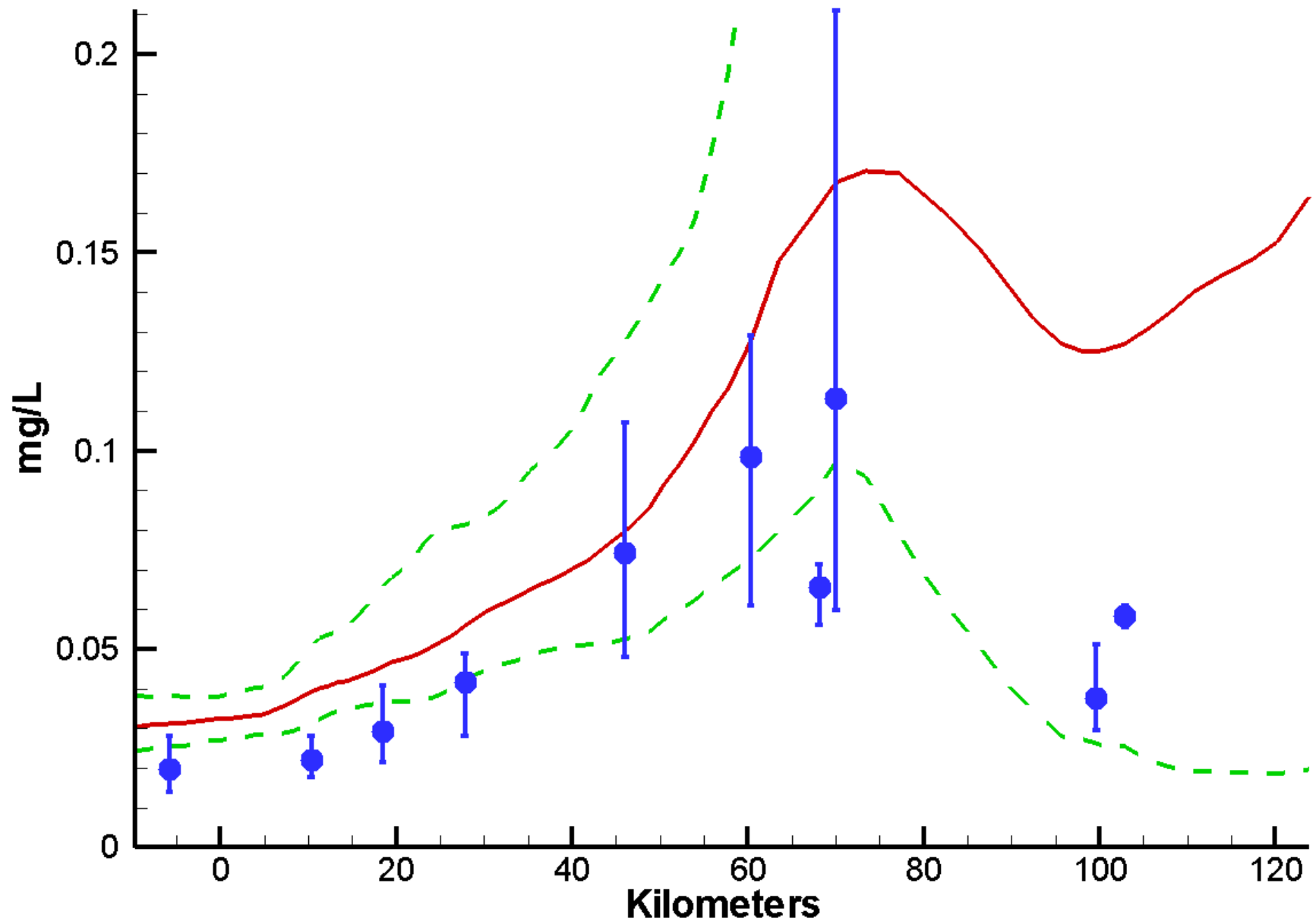
# York River Ches2015 Run118

## Bottom Total Phosphorus Winter 1999



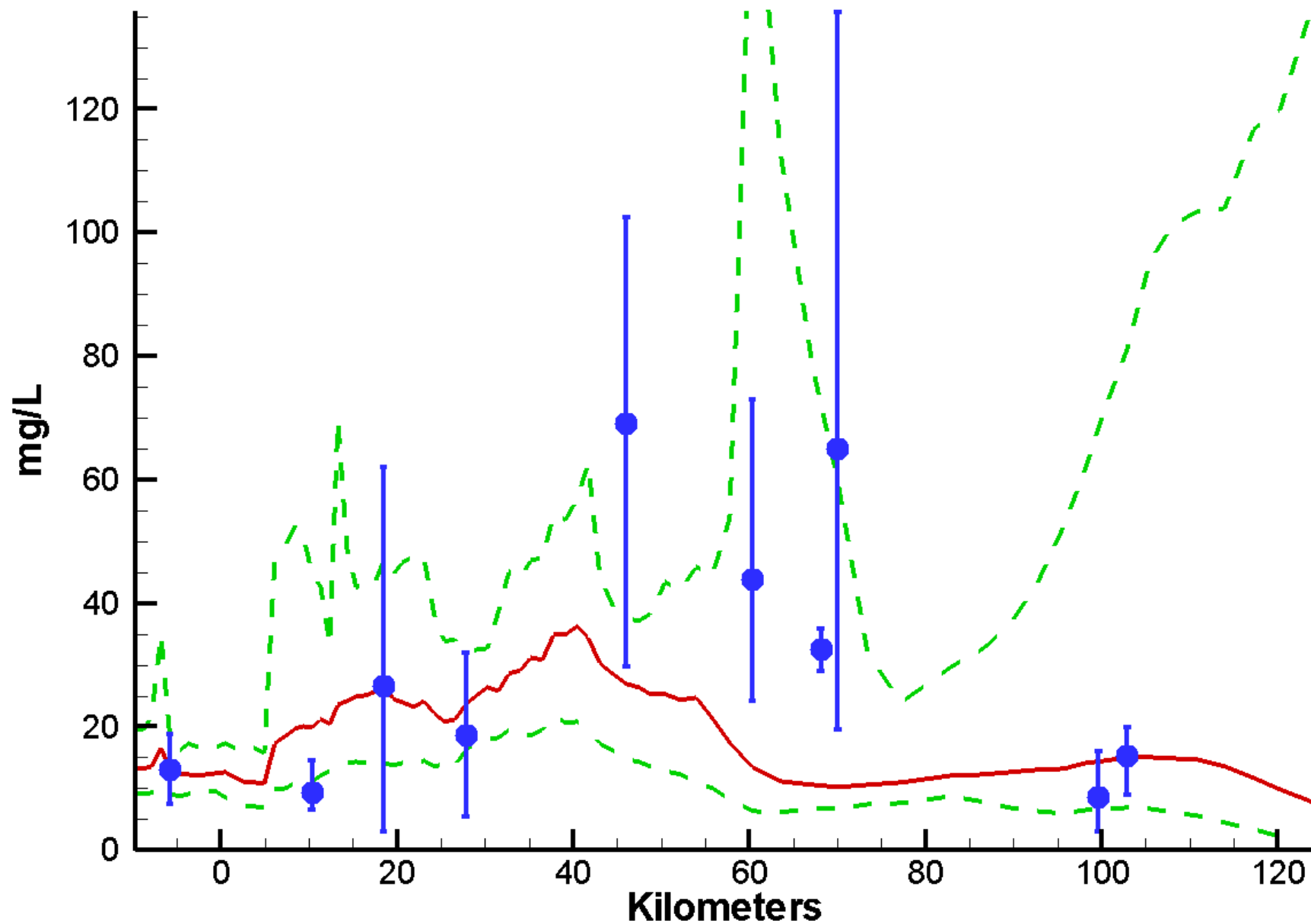
# York River Ches2015 Run118

## Surface Total Phosphorus Winter 1999



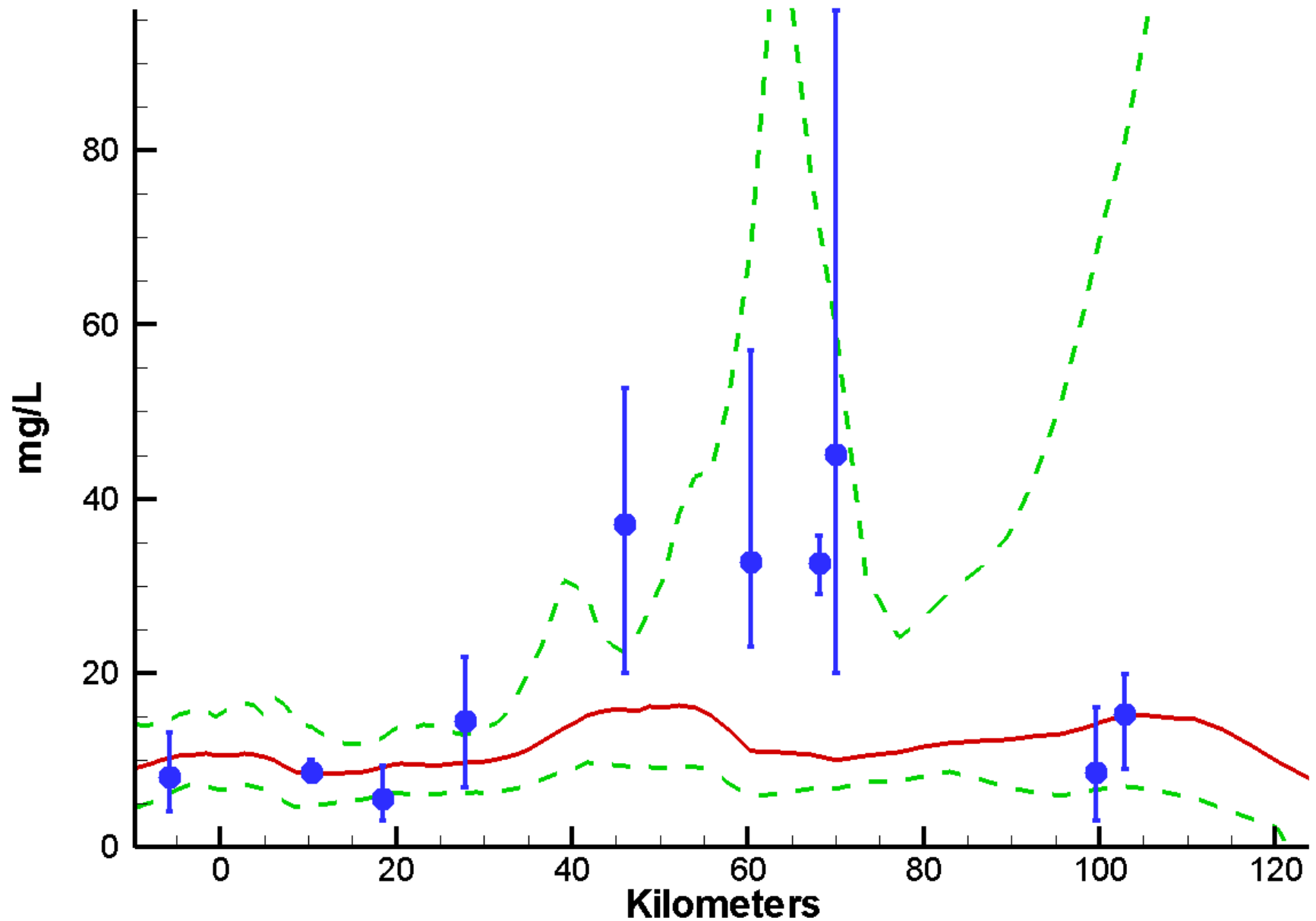
# York River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1999



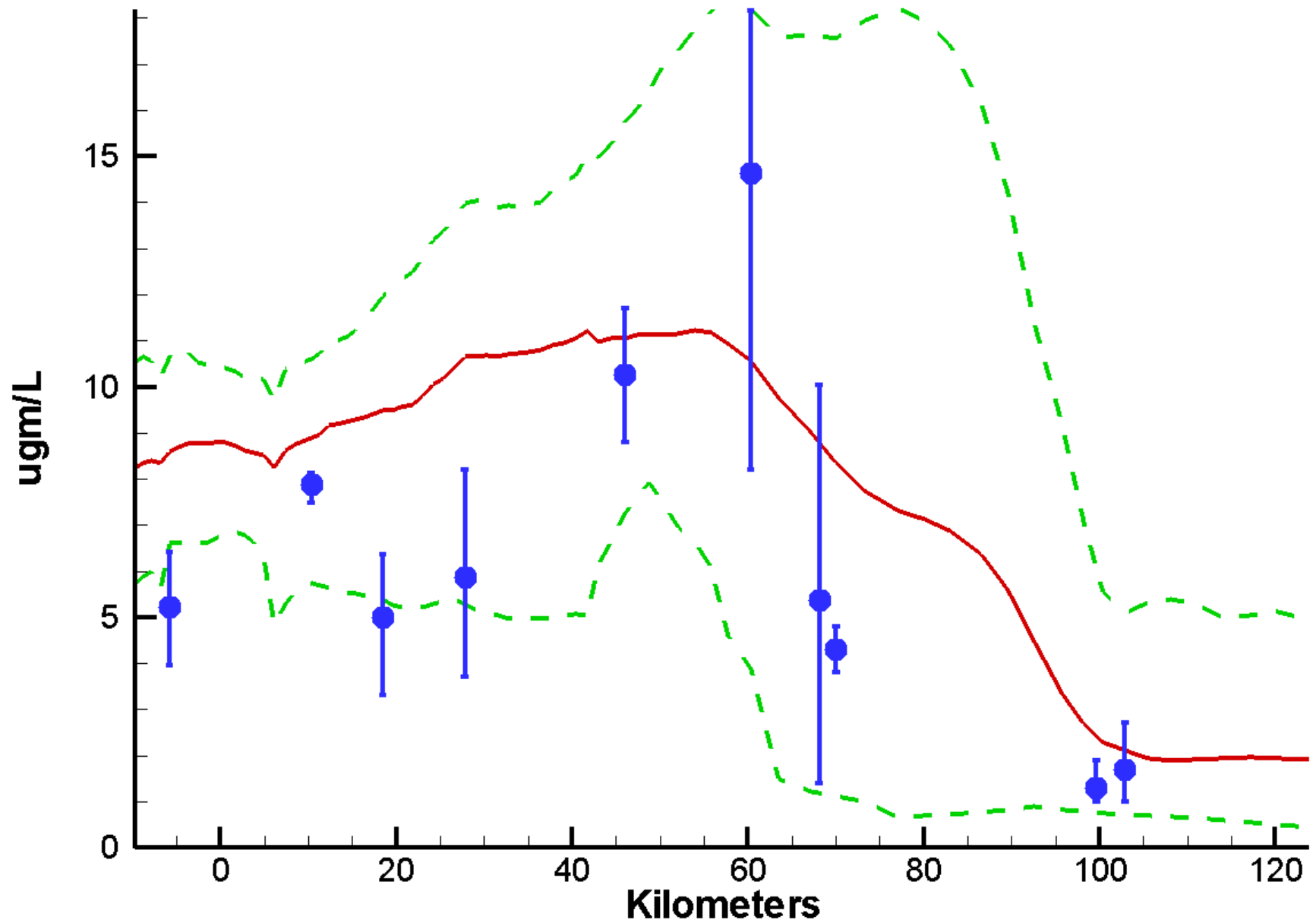
# York River Ches2015 Run118

## Surface Total Suspended Solids Winter 1999



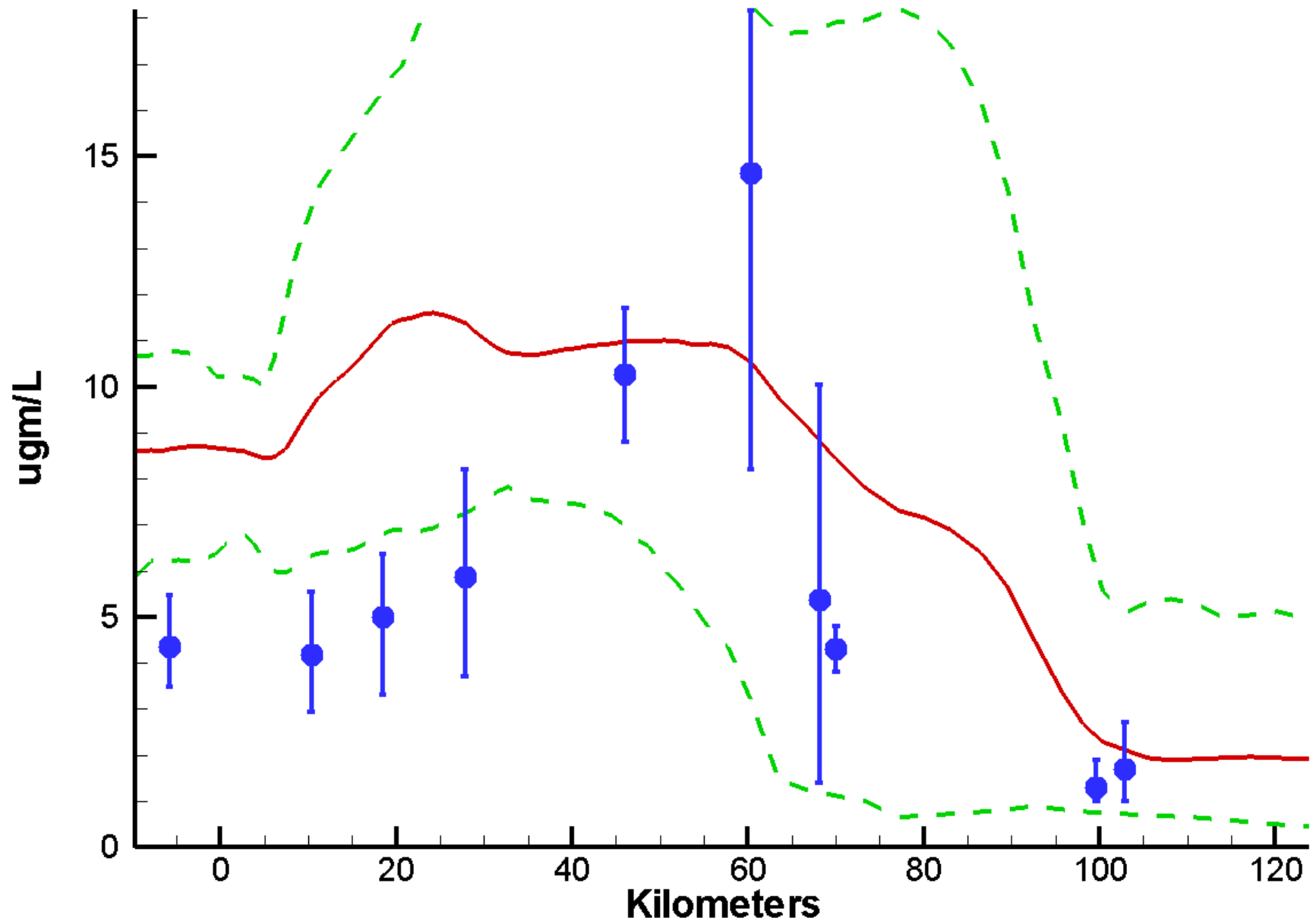
# York River Ches2015 Run118

## Bottom Chlorophyll Spring 1999



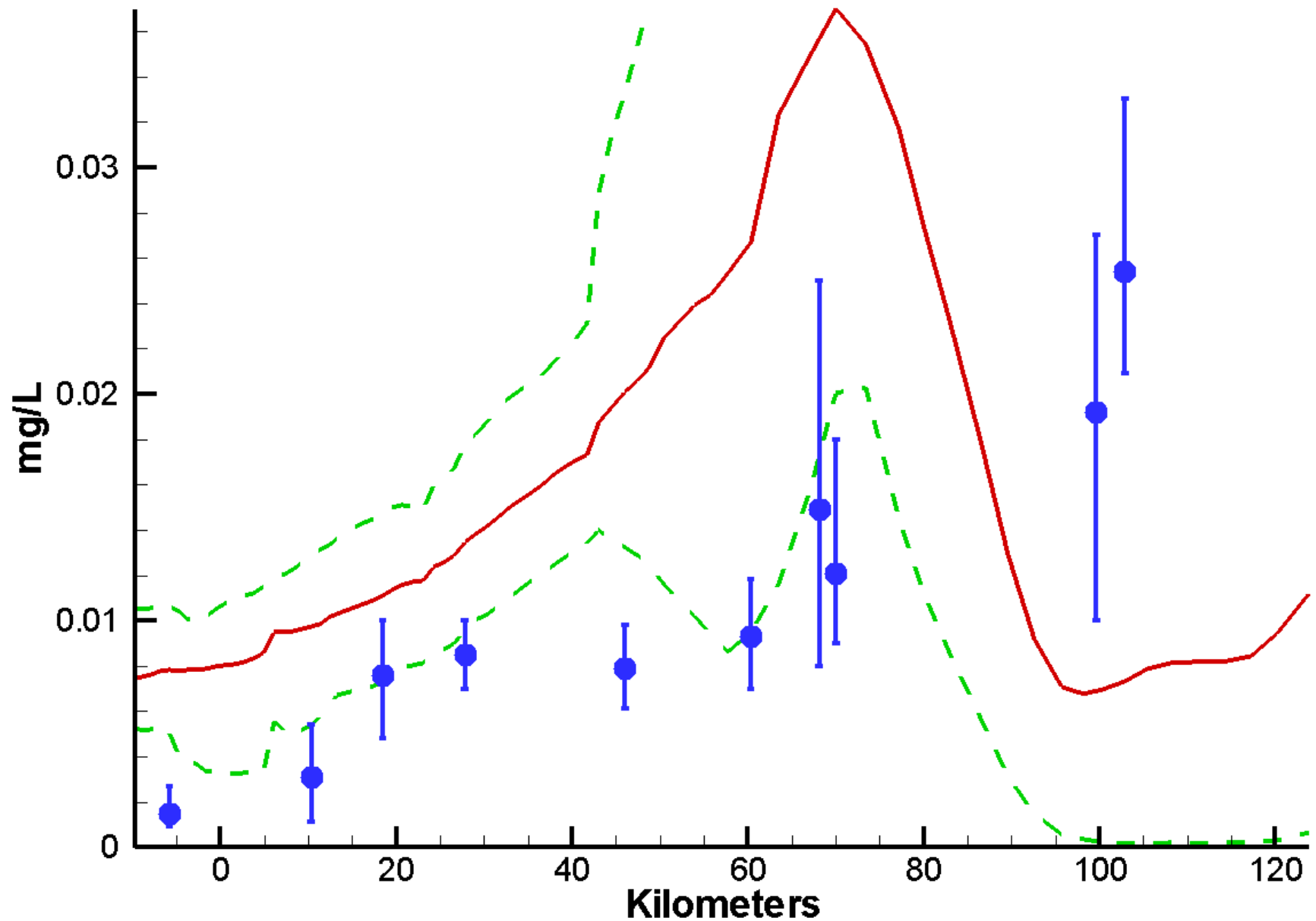


# York River Ches2015 Run118 Surface Chlorophyll Spring 1999



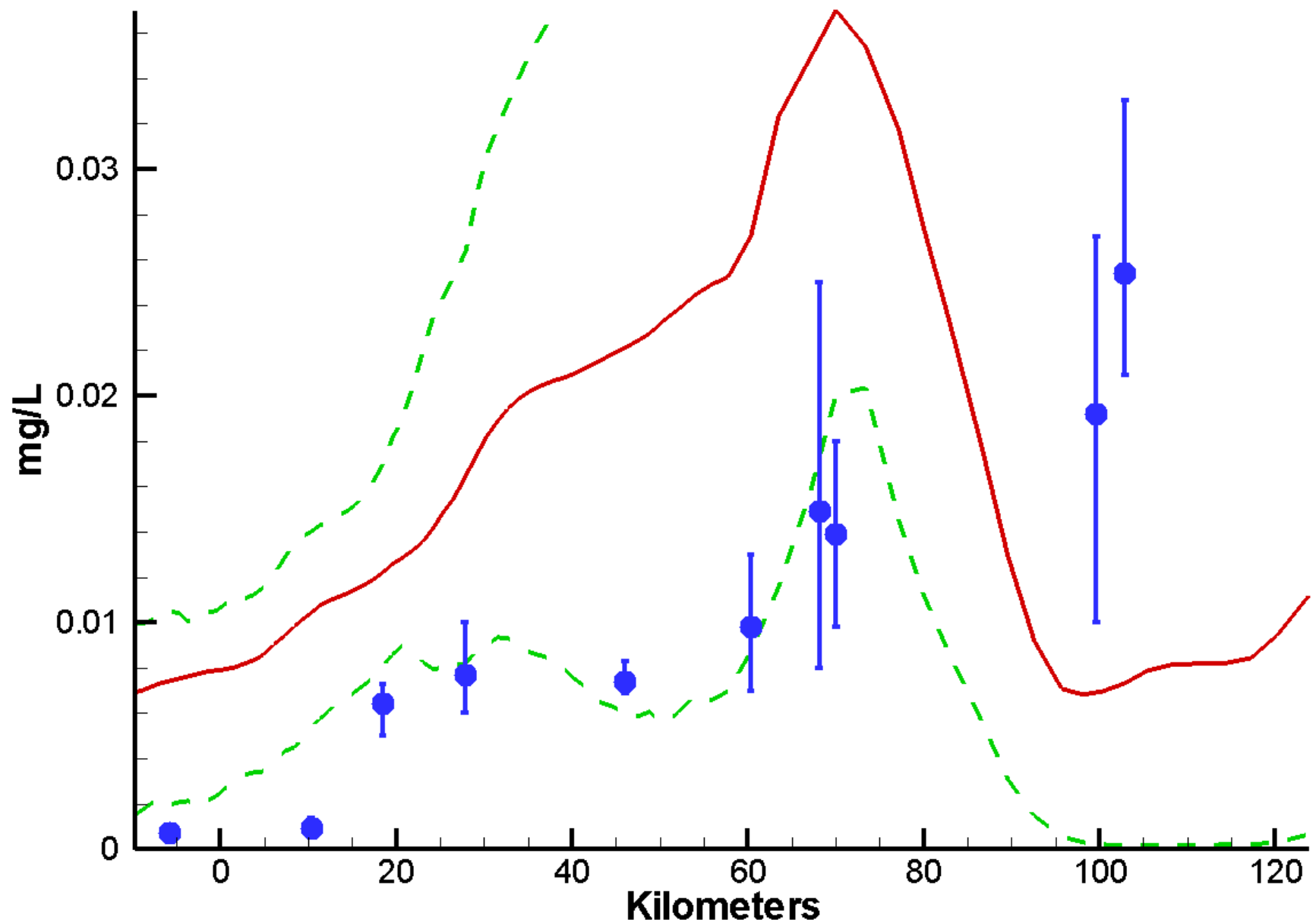
# York River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1999



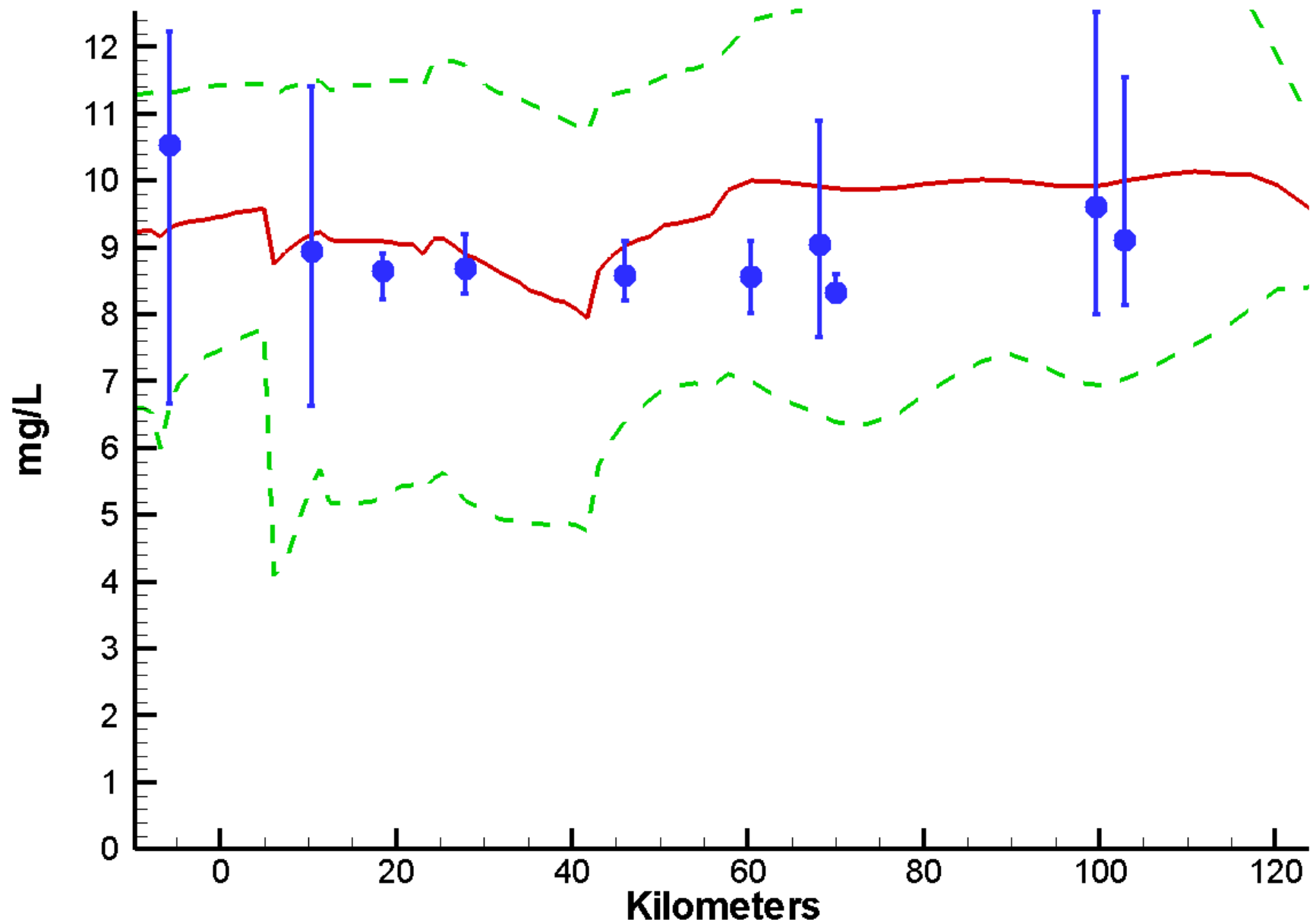
# York River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1999

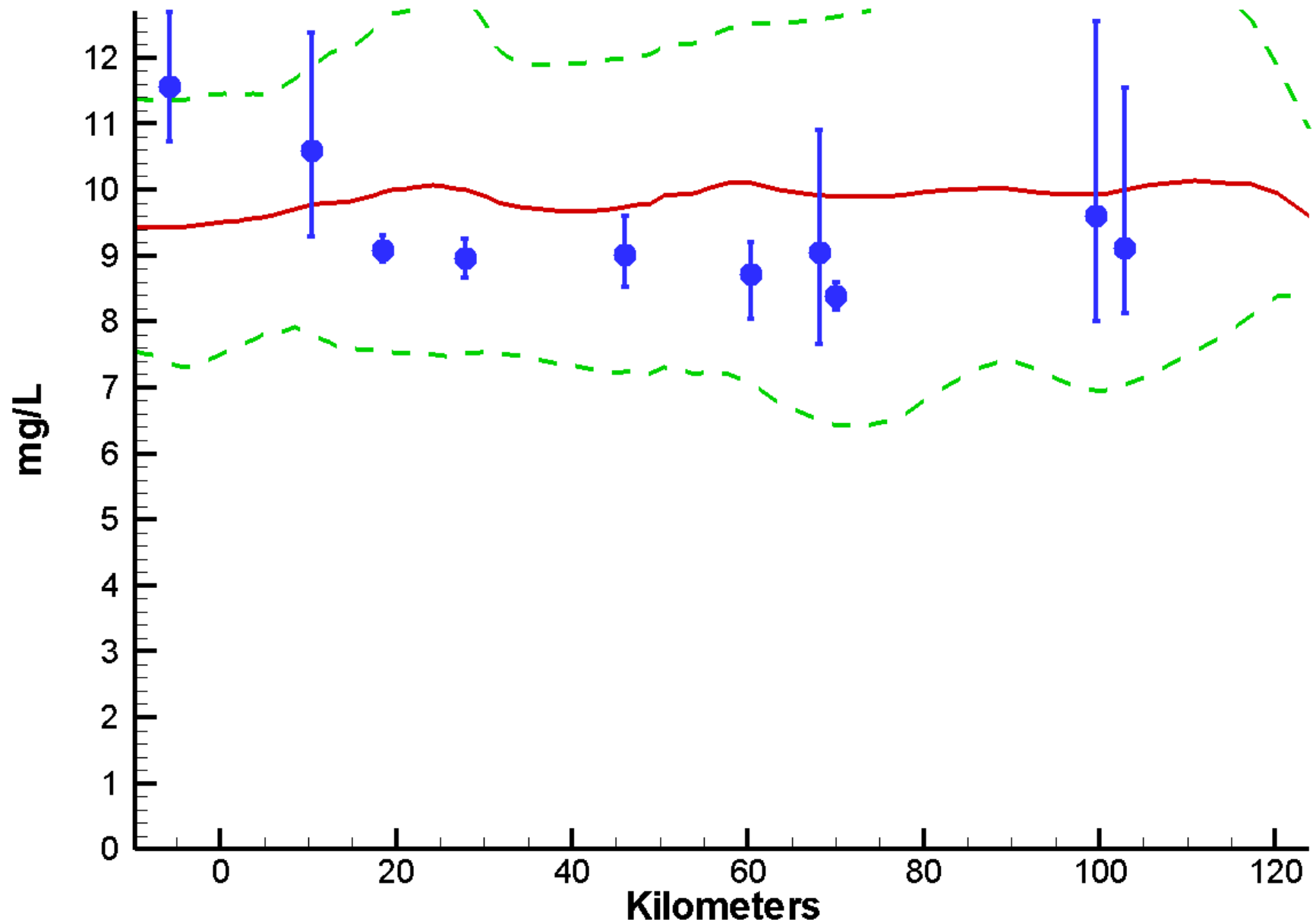


# York River Ches2015 Run118

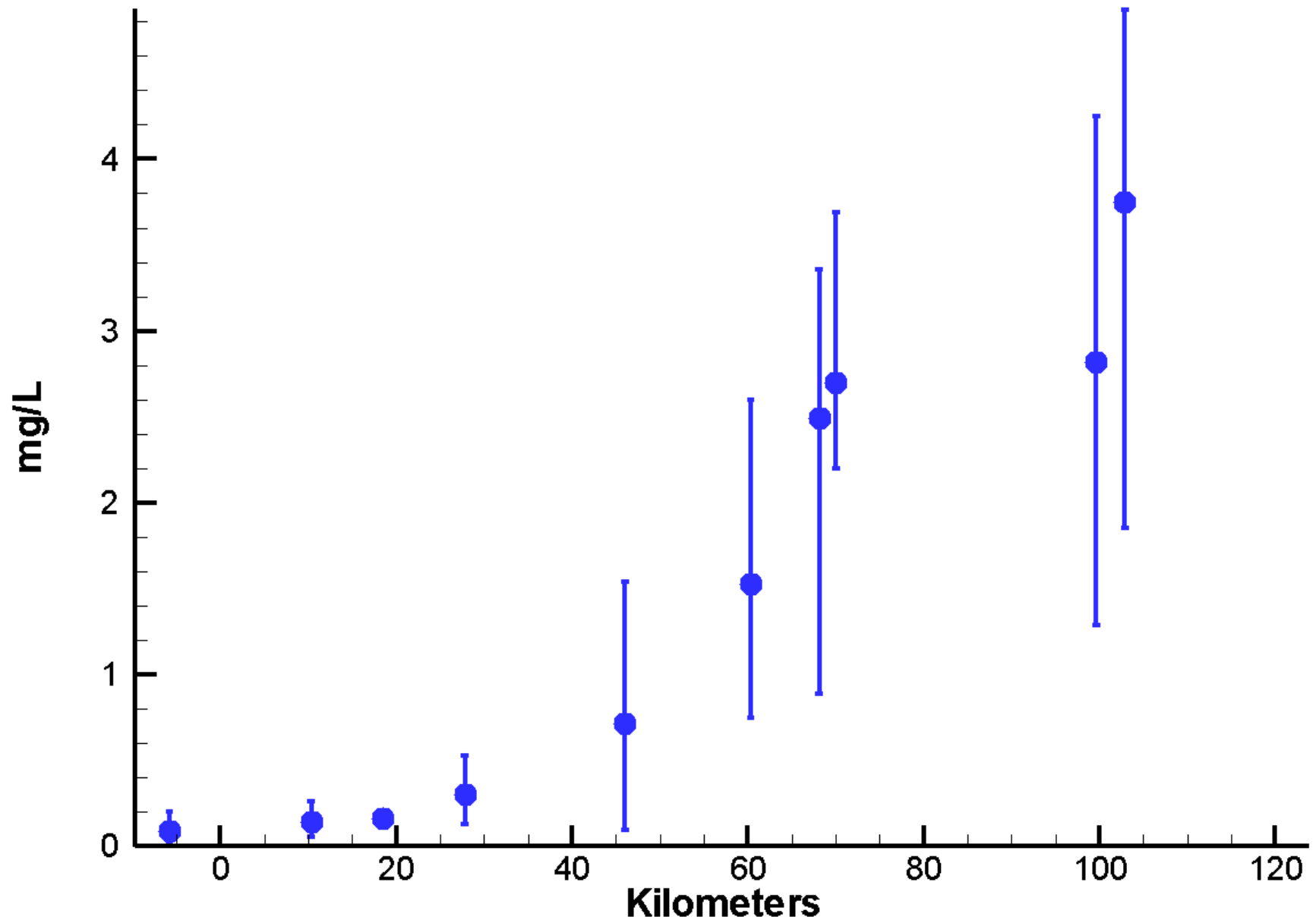
## Bottom Dissolved Oxygen Spring 1999



# York River Ches2015 Run118 Surface Dissolved Oxygen Spring 1999

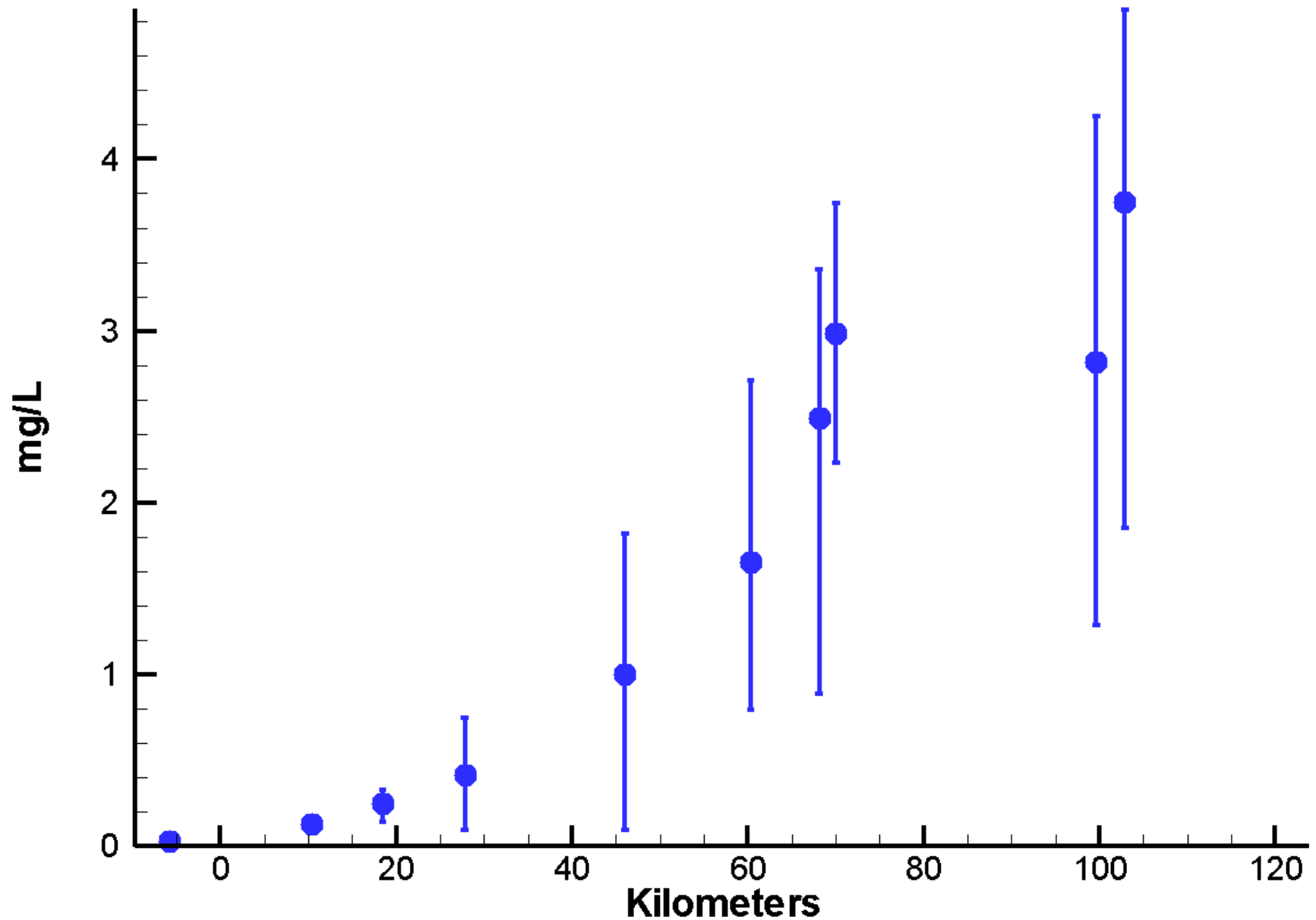


# York River Ches2015 Run118 Bottom Dissolved Silica Spring 1999

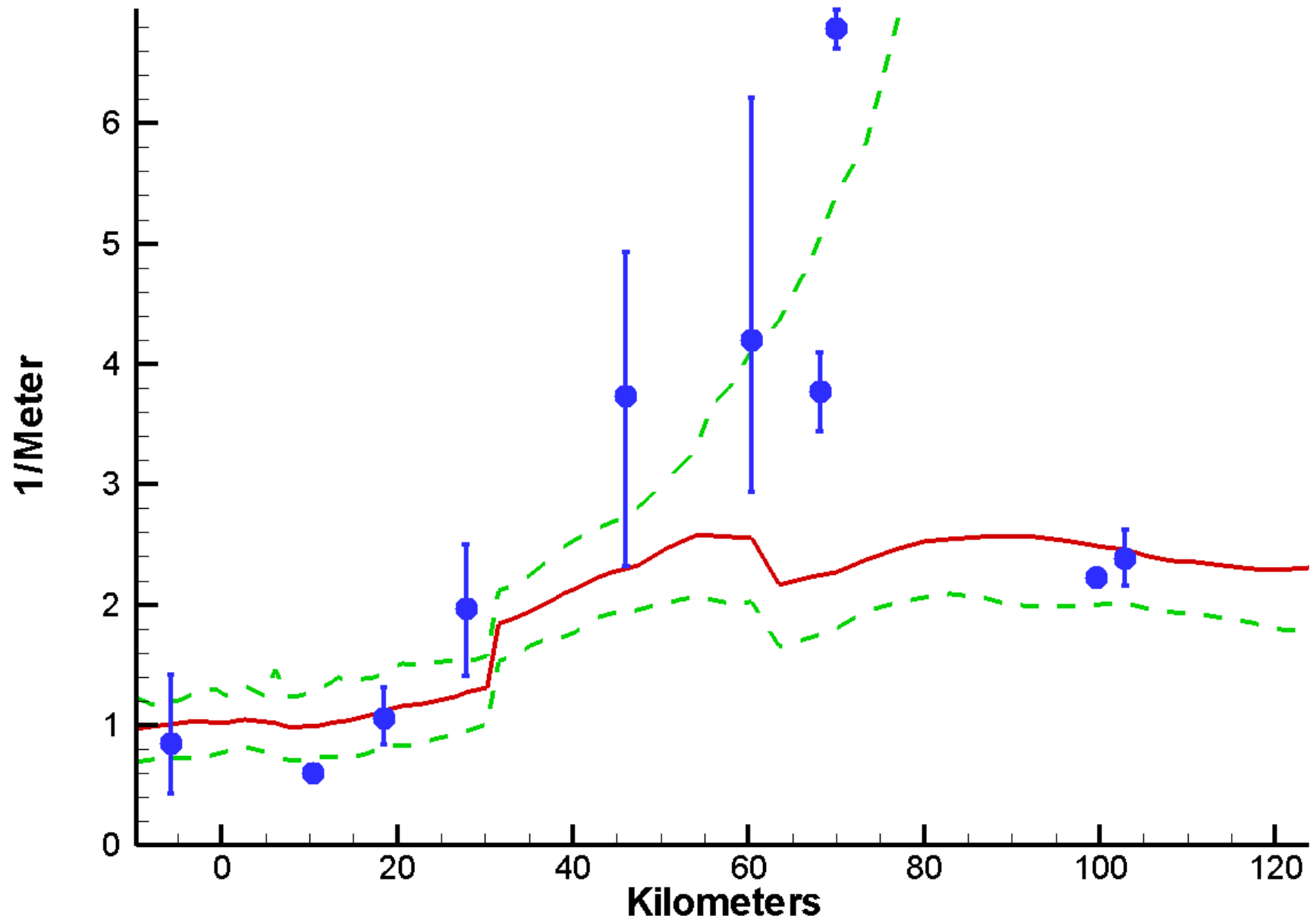


# York River Ches2015 Run118

## Surface Dissolved Silica Spring 1999



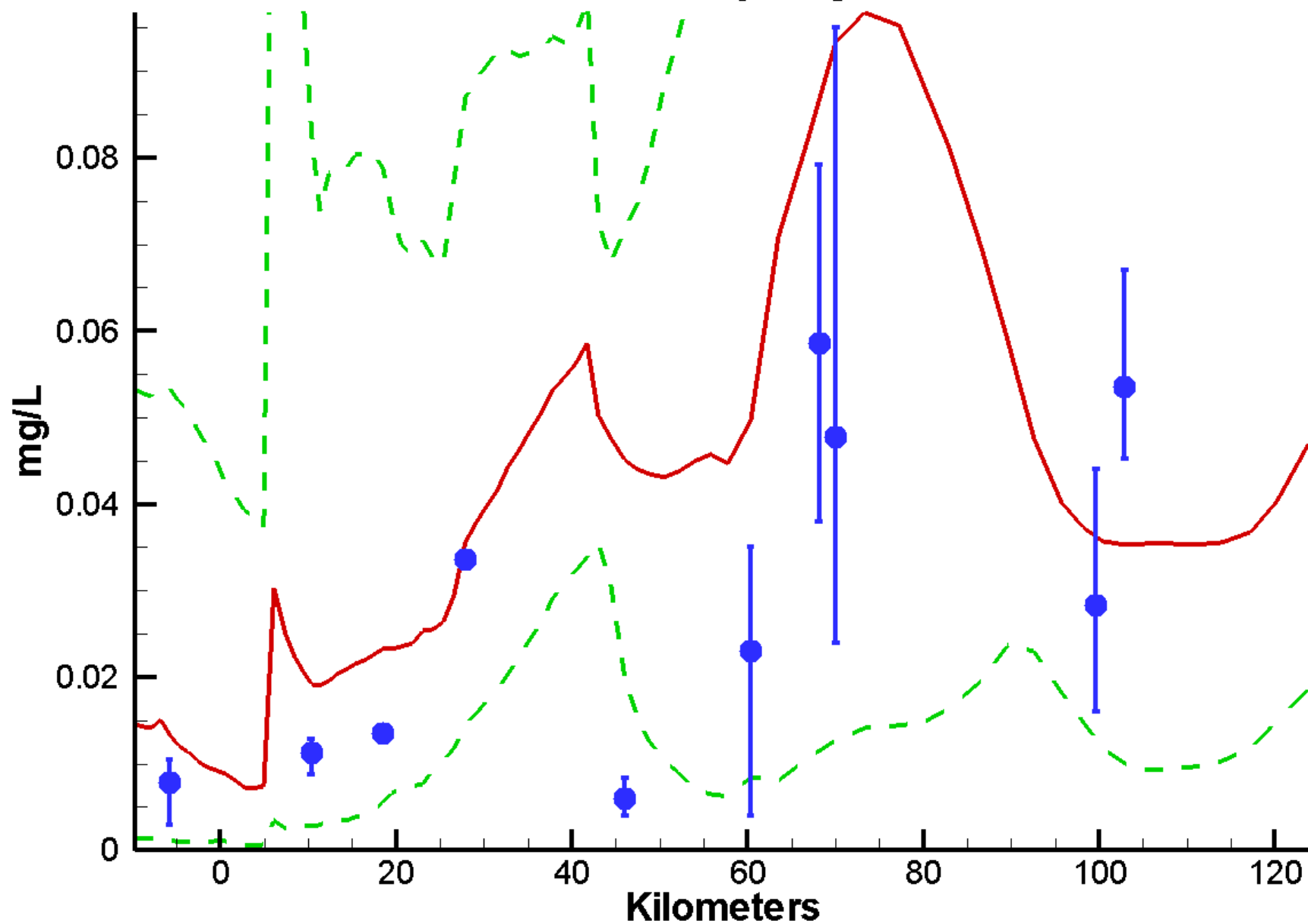
# York River Ches2015 Run118 Surface Light Extinction Spring 1999



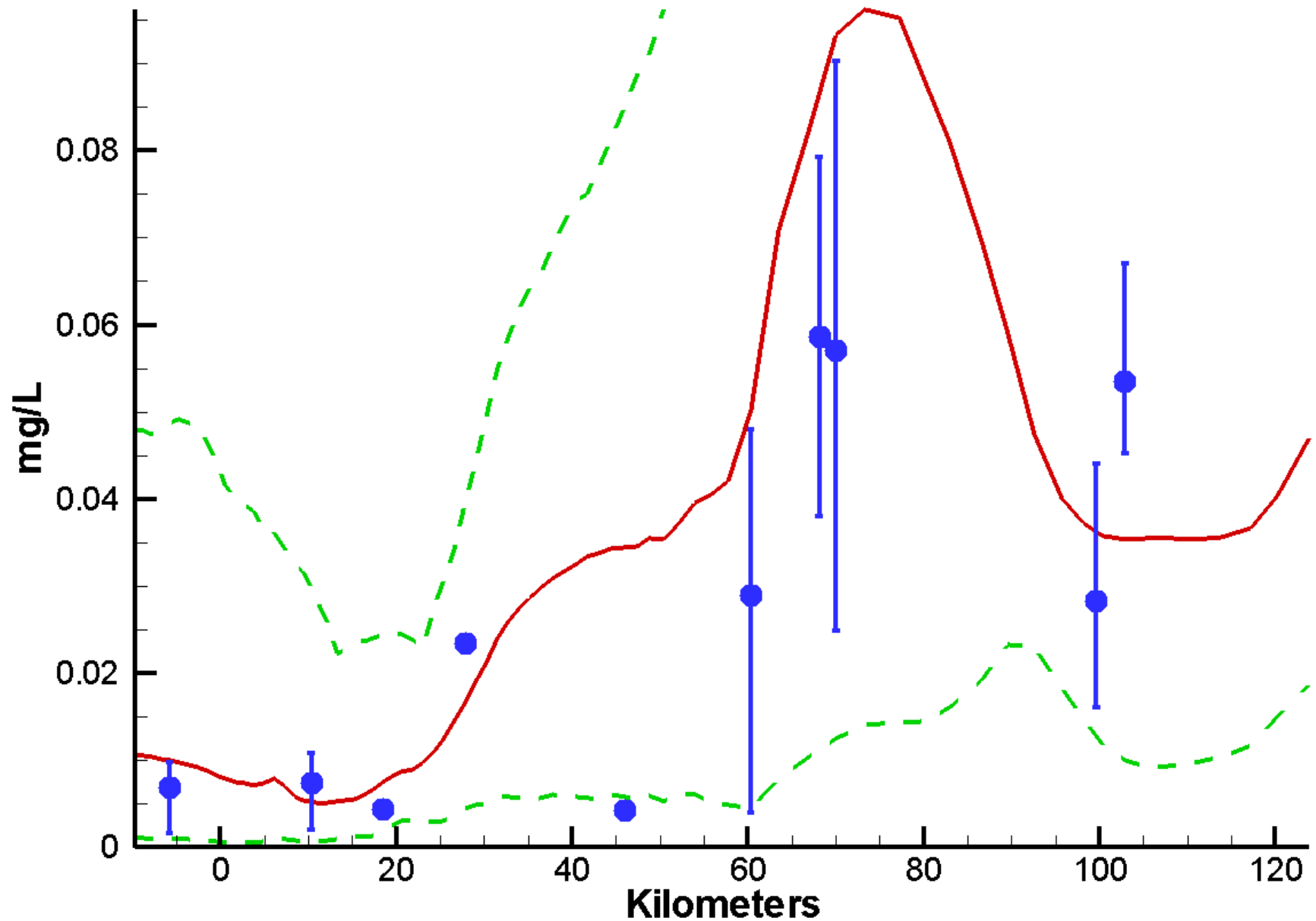


# York River Ches2015 Run118

## Bottom Ammonium Spring 1999

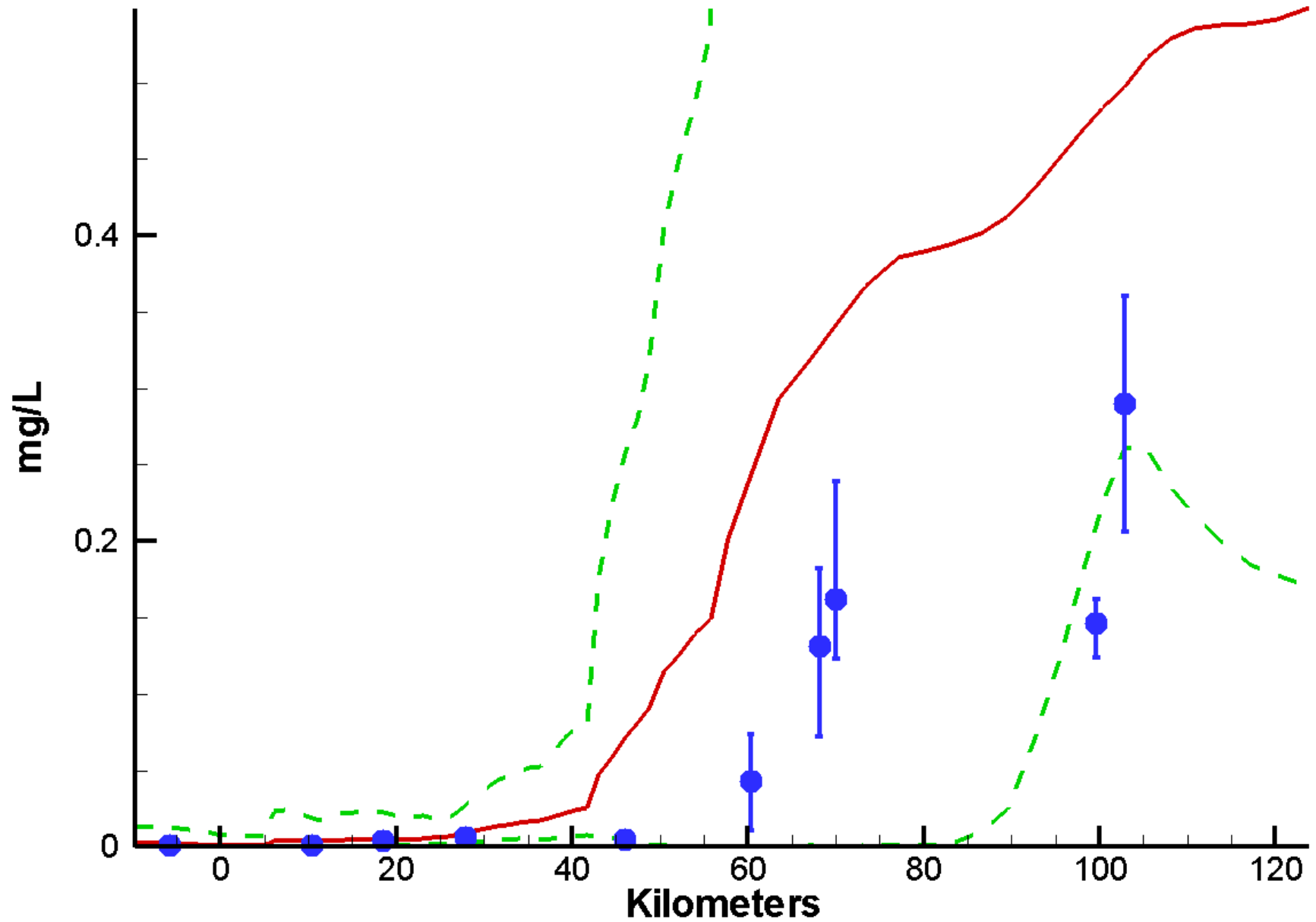


# York River Ches2015 Run118 Surface Ammonium Spring 1999



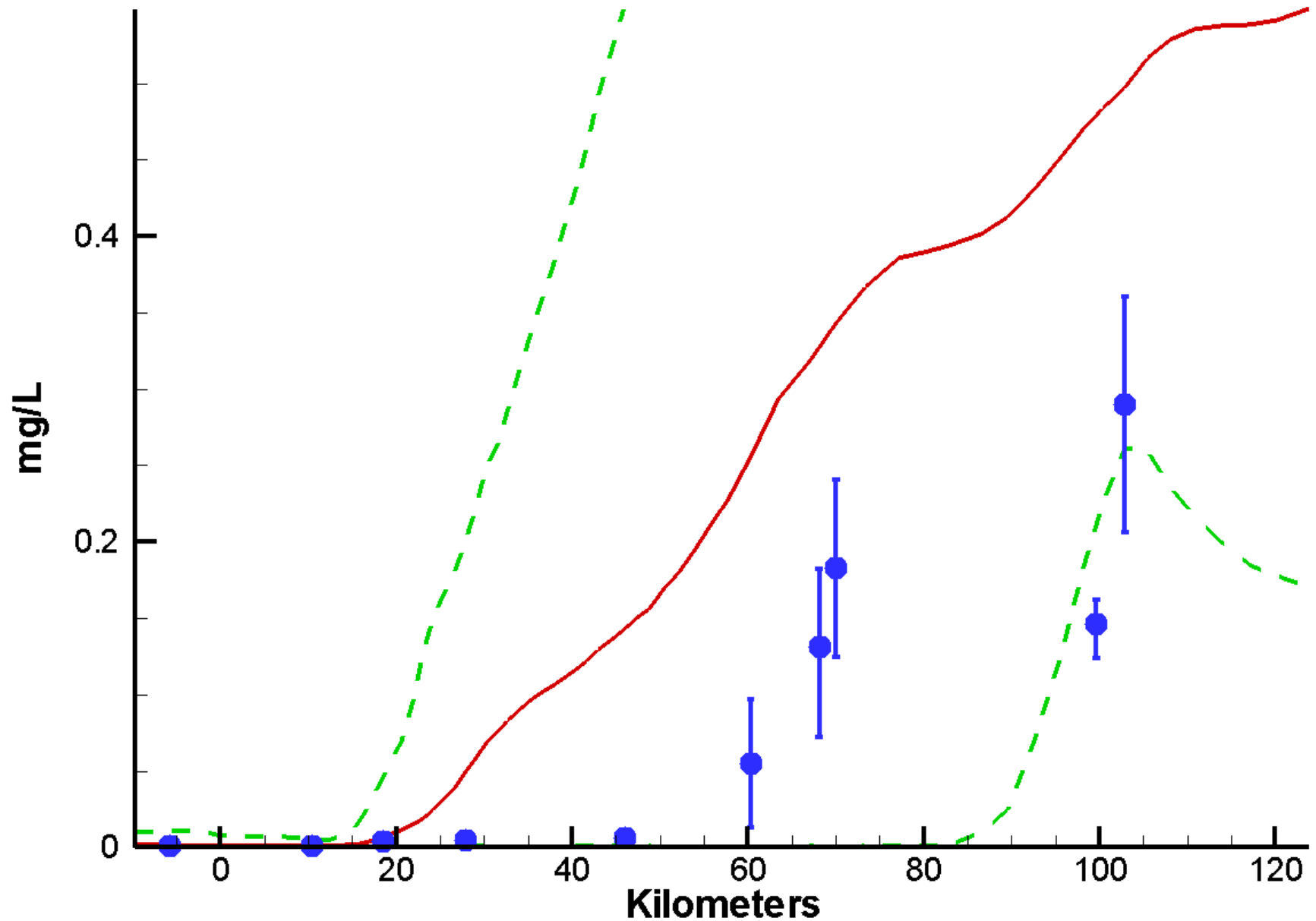
# York River Ches2015 Run118

## Bottom Nitrate Spring 1999



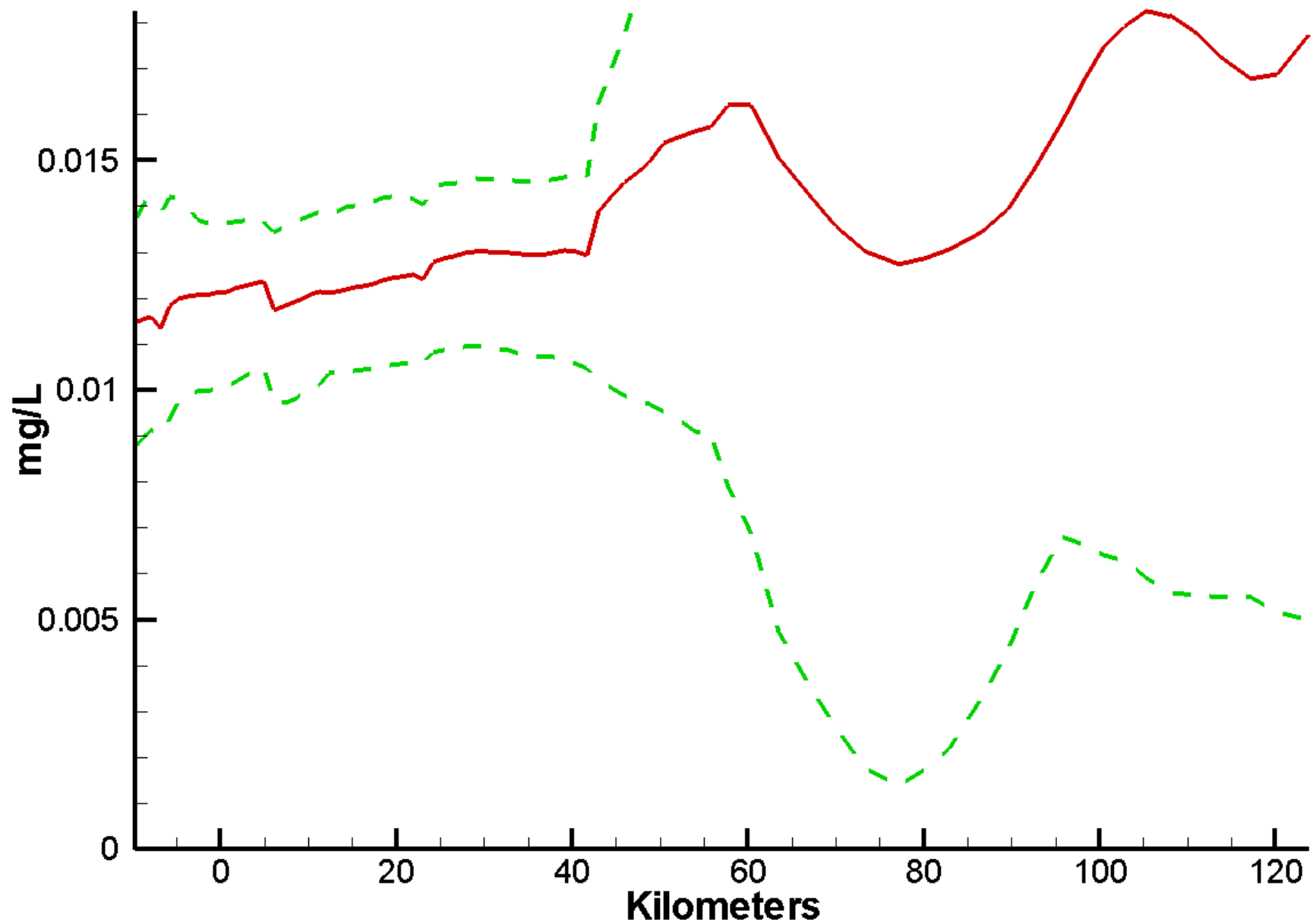
# York River Ches2015 Run118

## Surface Nitrate Spring 1999



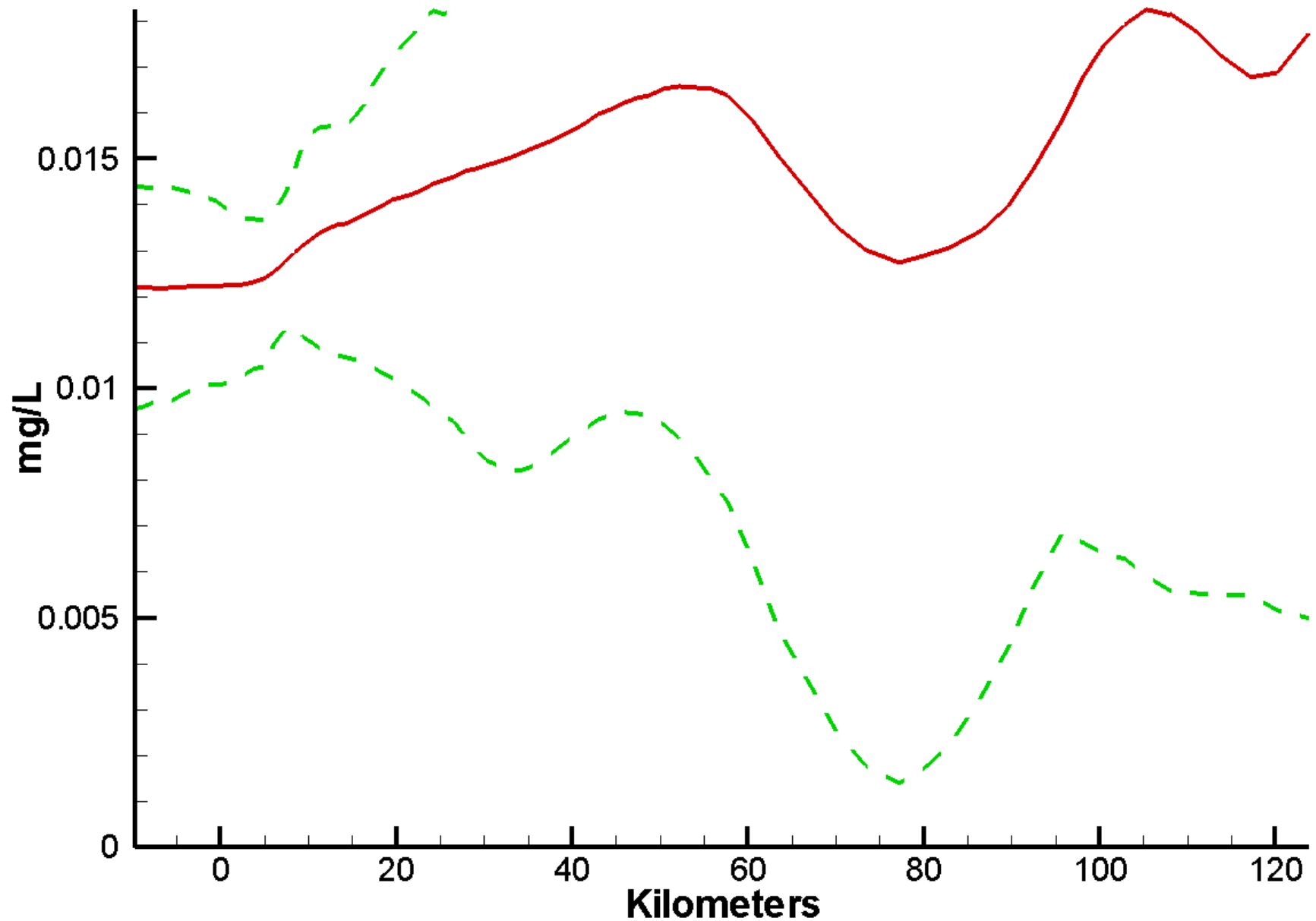
# York River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1999



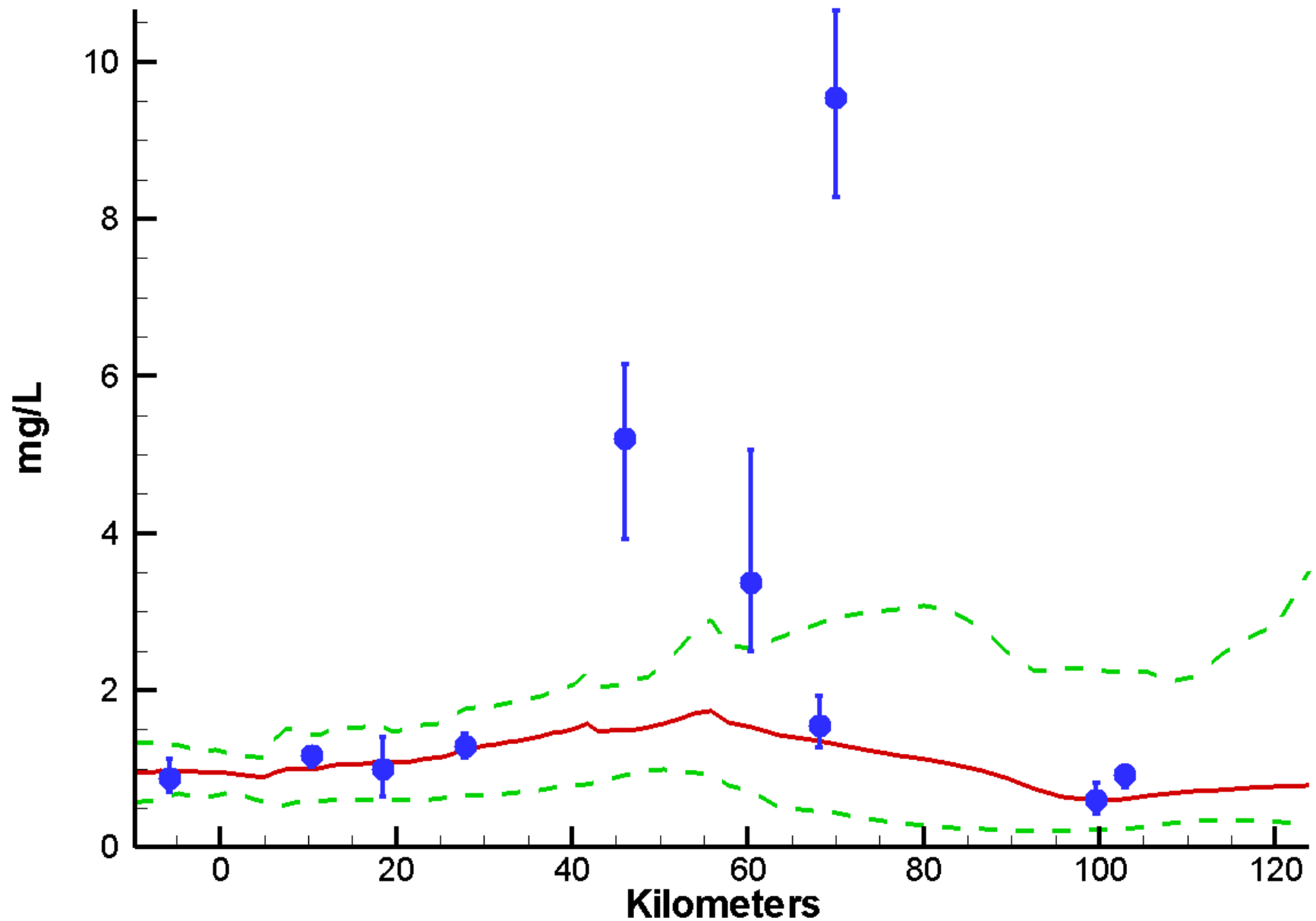
# York River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1999



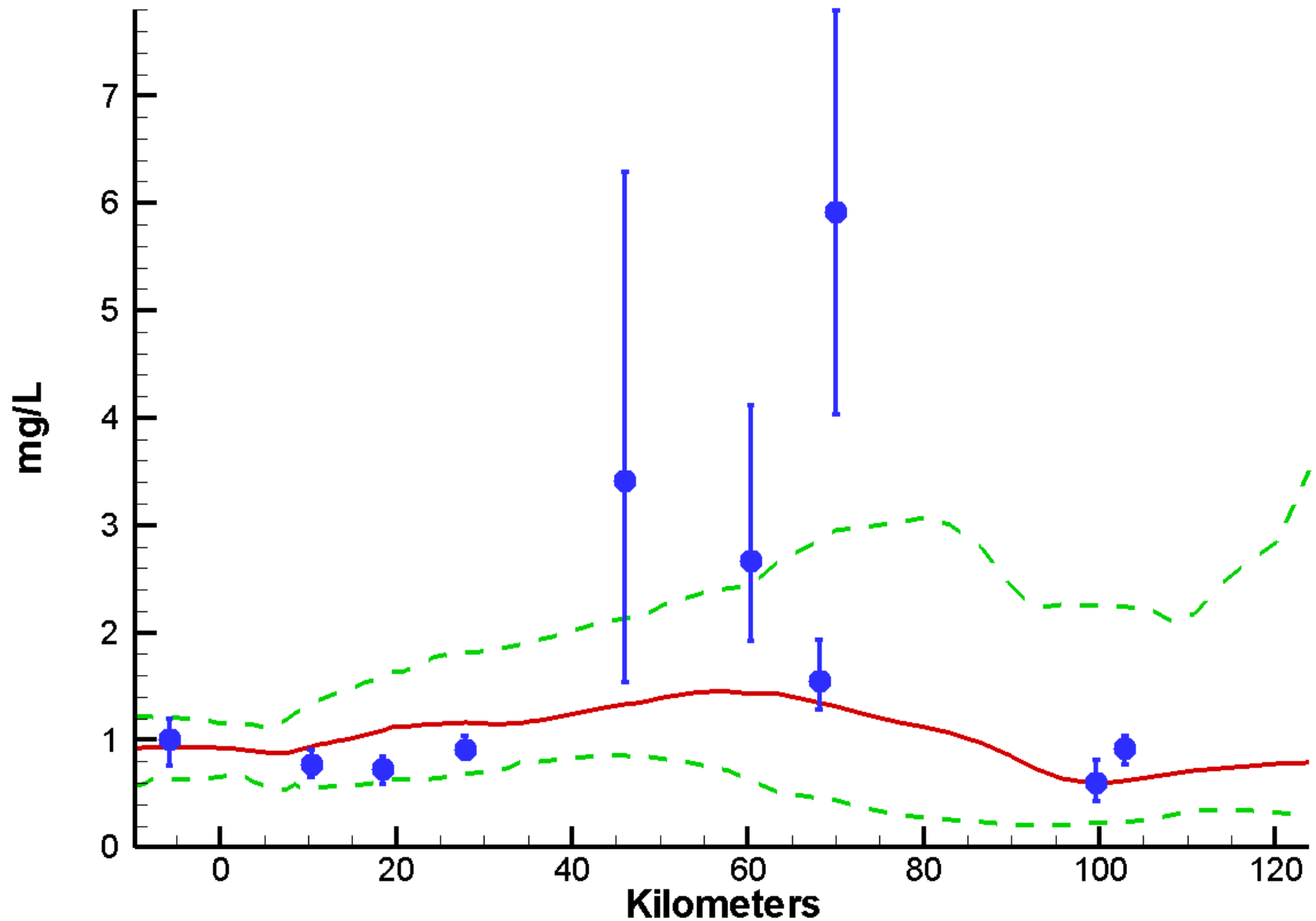
# York River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1999



# York River Ches2015 Run118

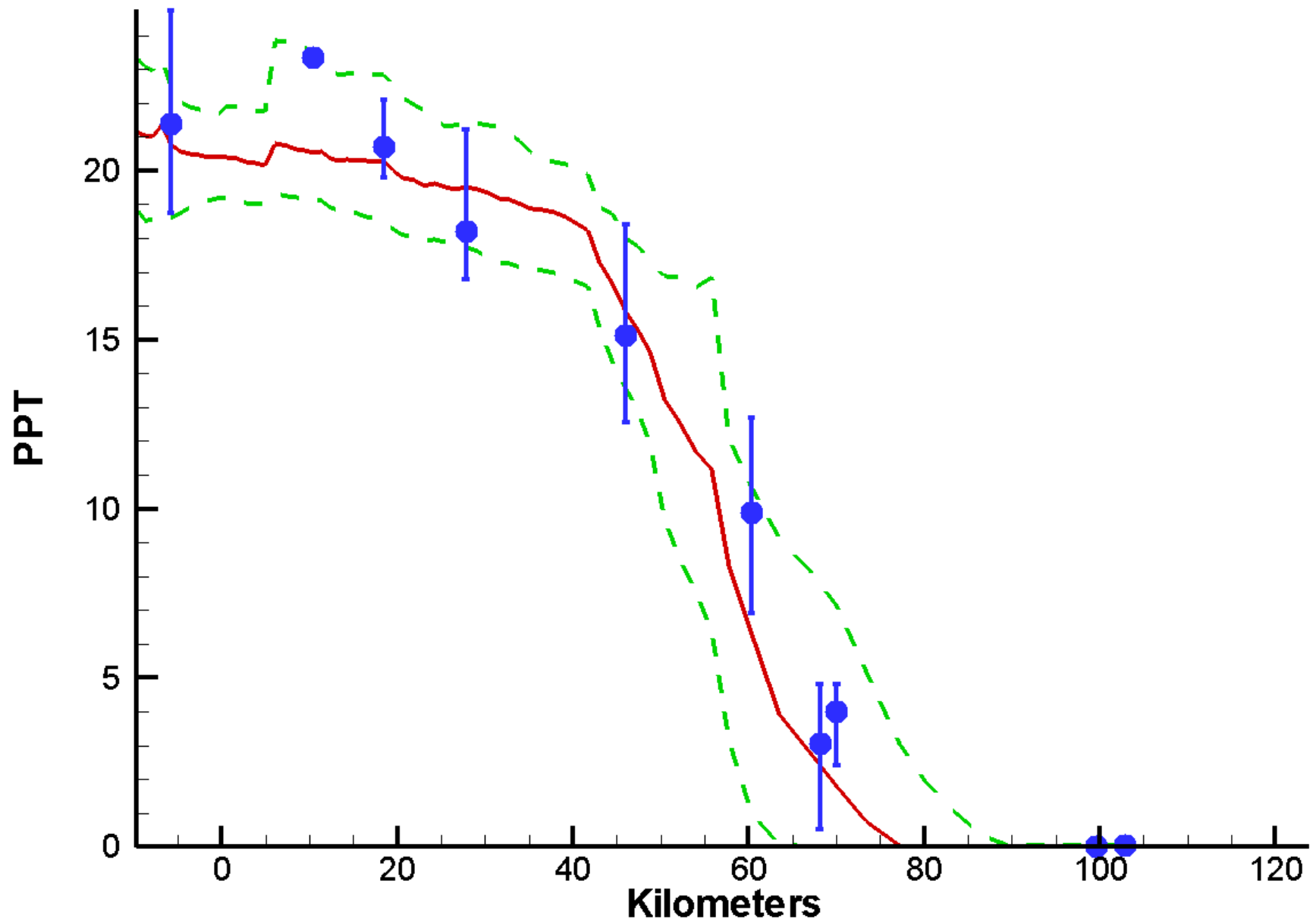
## Surface Particulate Organic Carbon Spring 1999





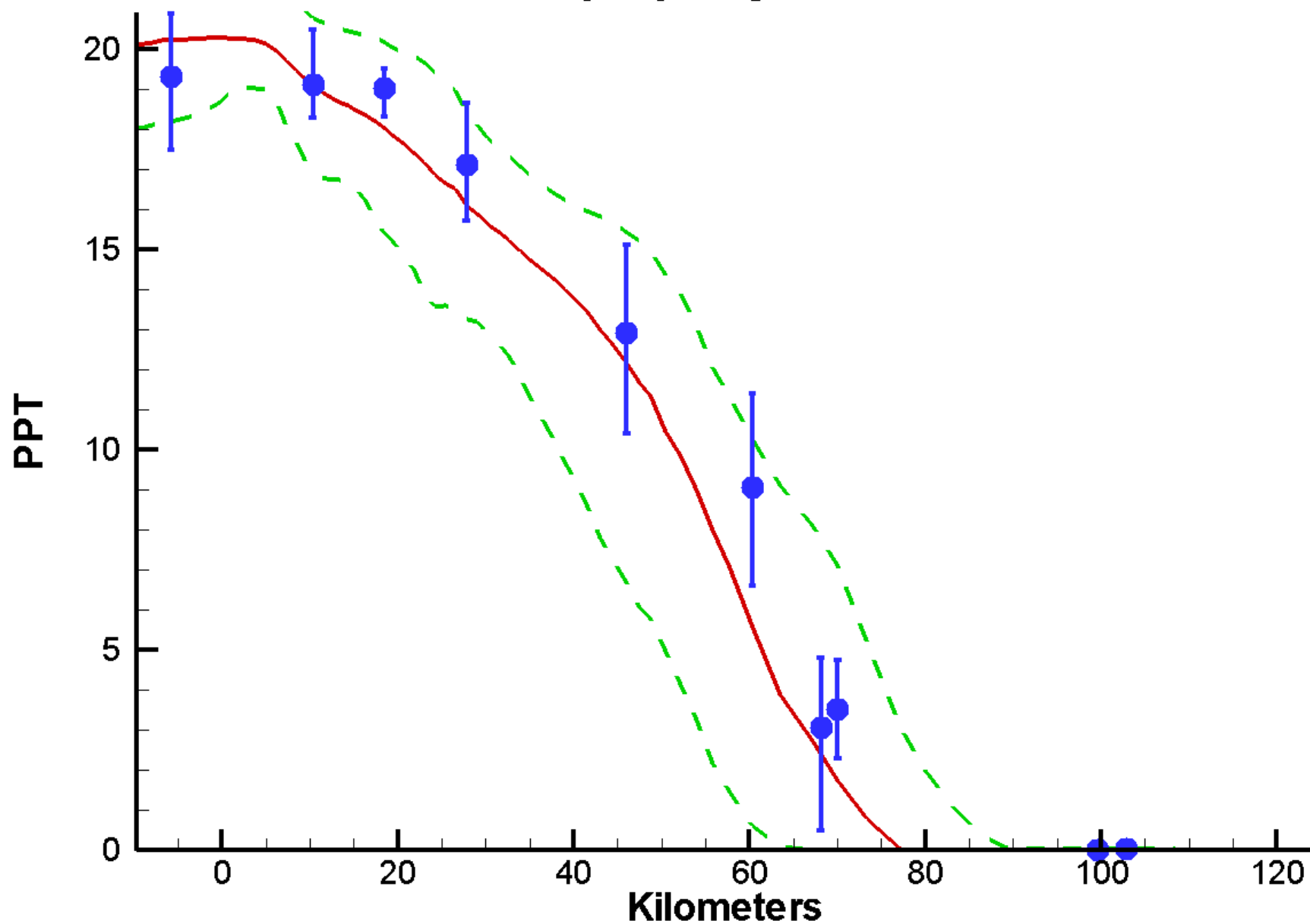
# York River Ches2015 Run118

## Bottom Salinity Spring 1999



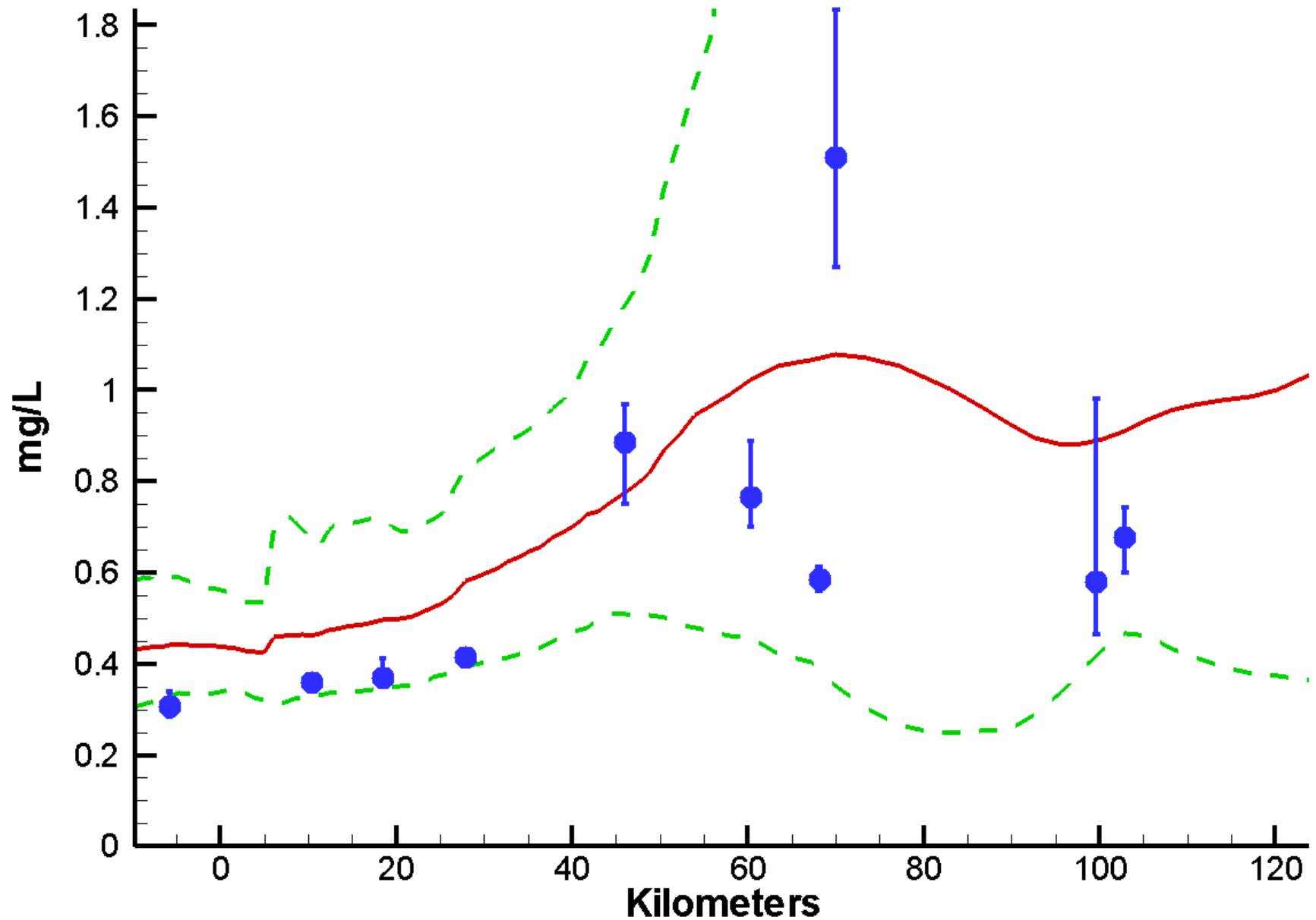
# York River Ches2015 Run118

## Surface Salinity Spring 1999



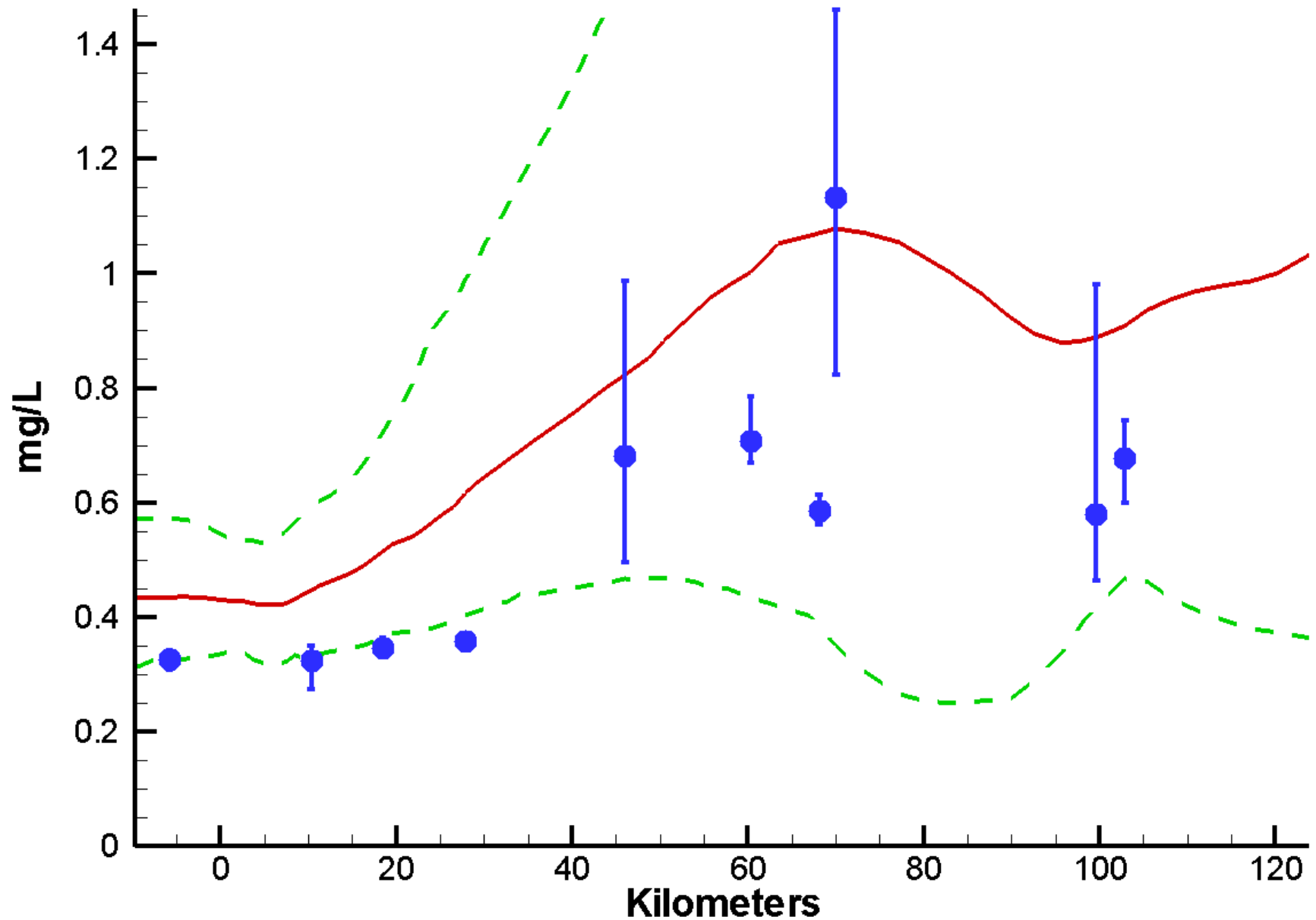
# York River Ches2015 Run118

## Bottom Total Nitrogen Spring 1999



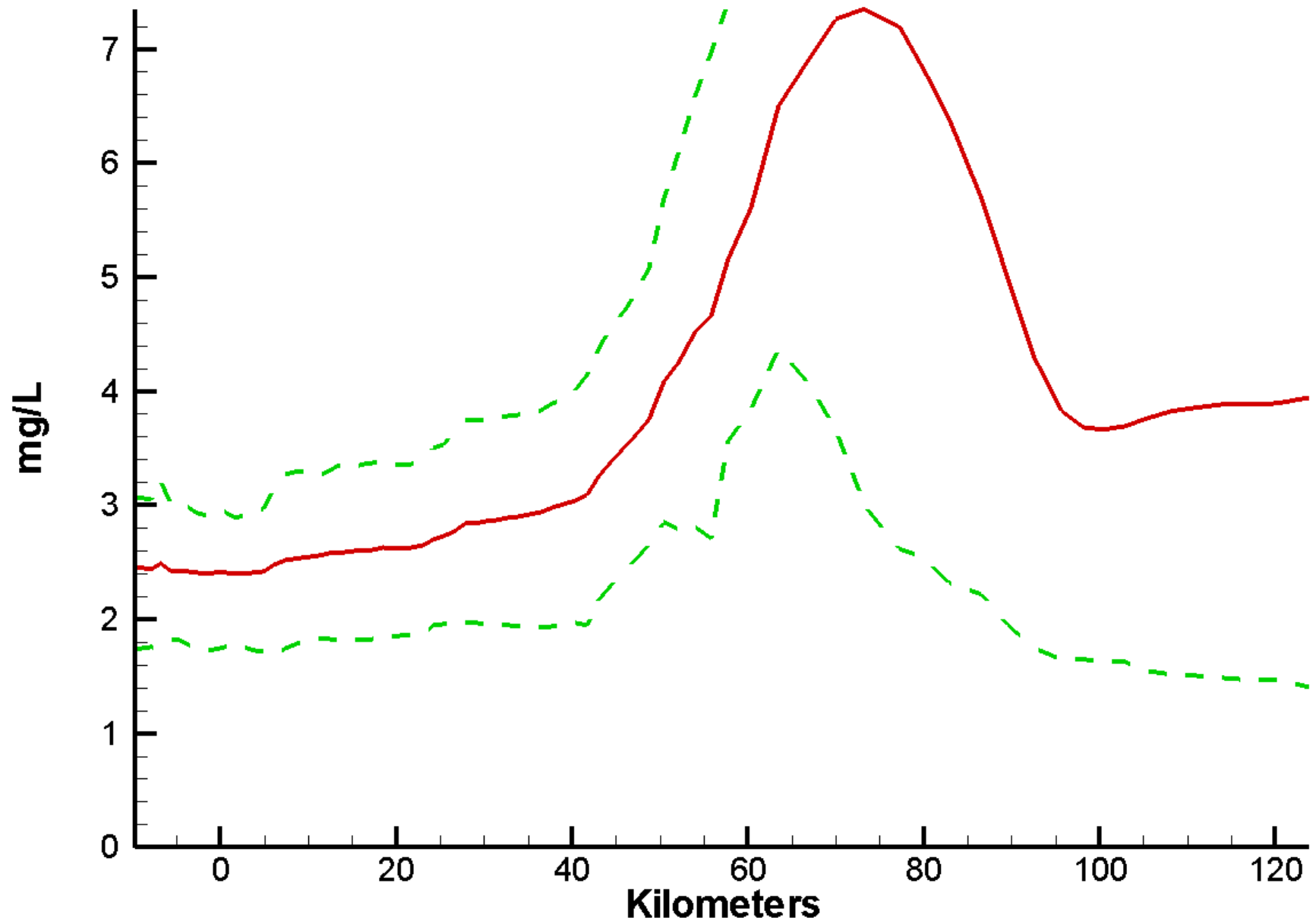
# York River Ches2015 Run118

## Surface Total Nitrogen Spring 1999



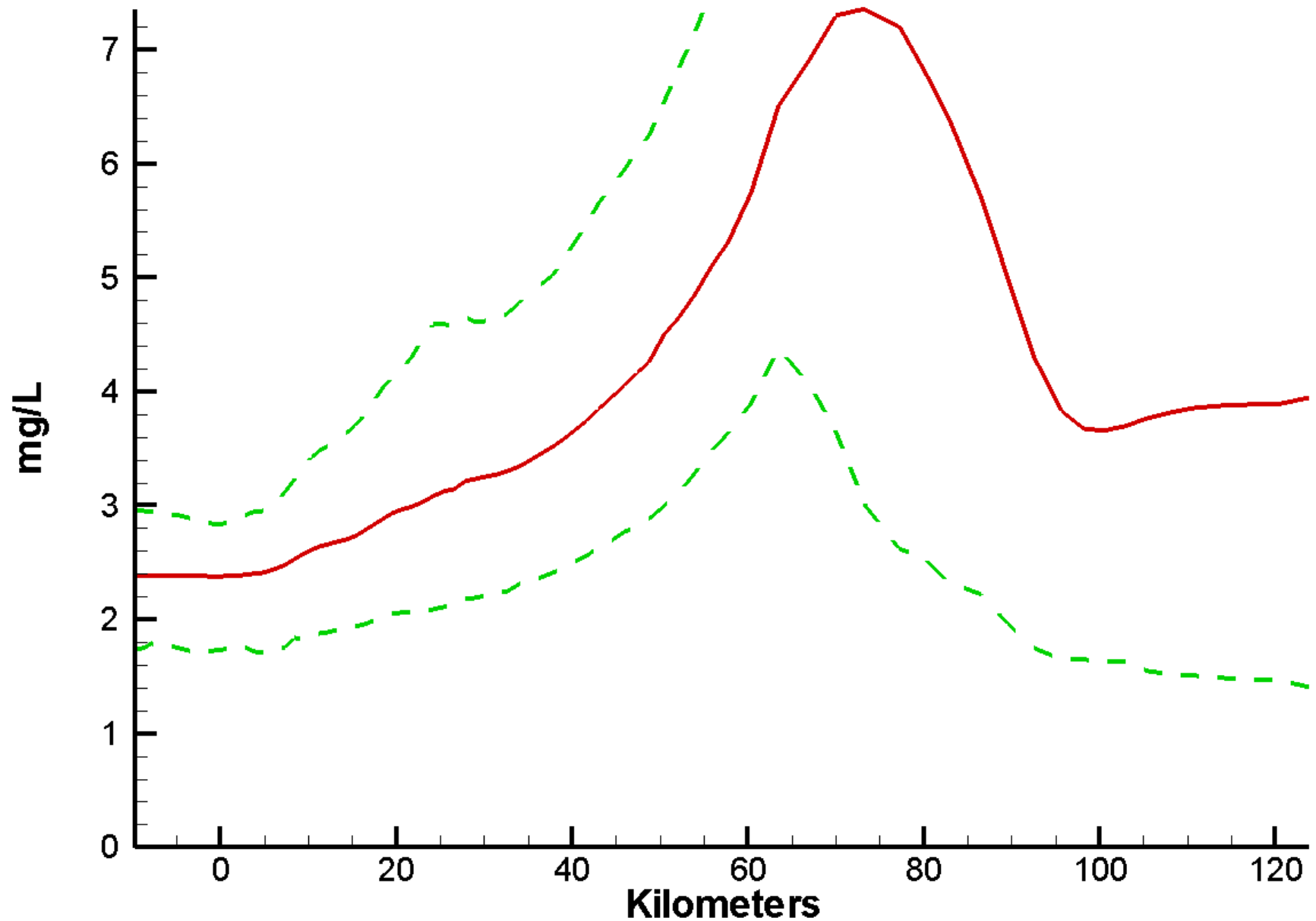
# York River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1999



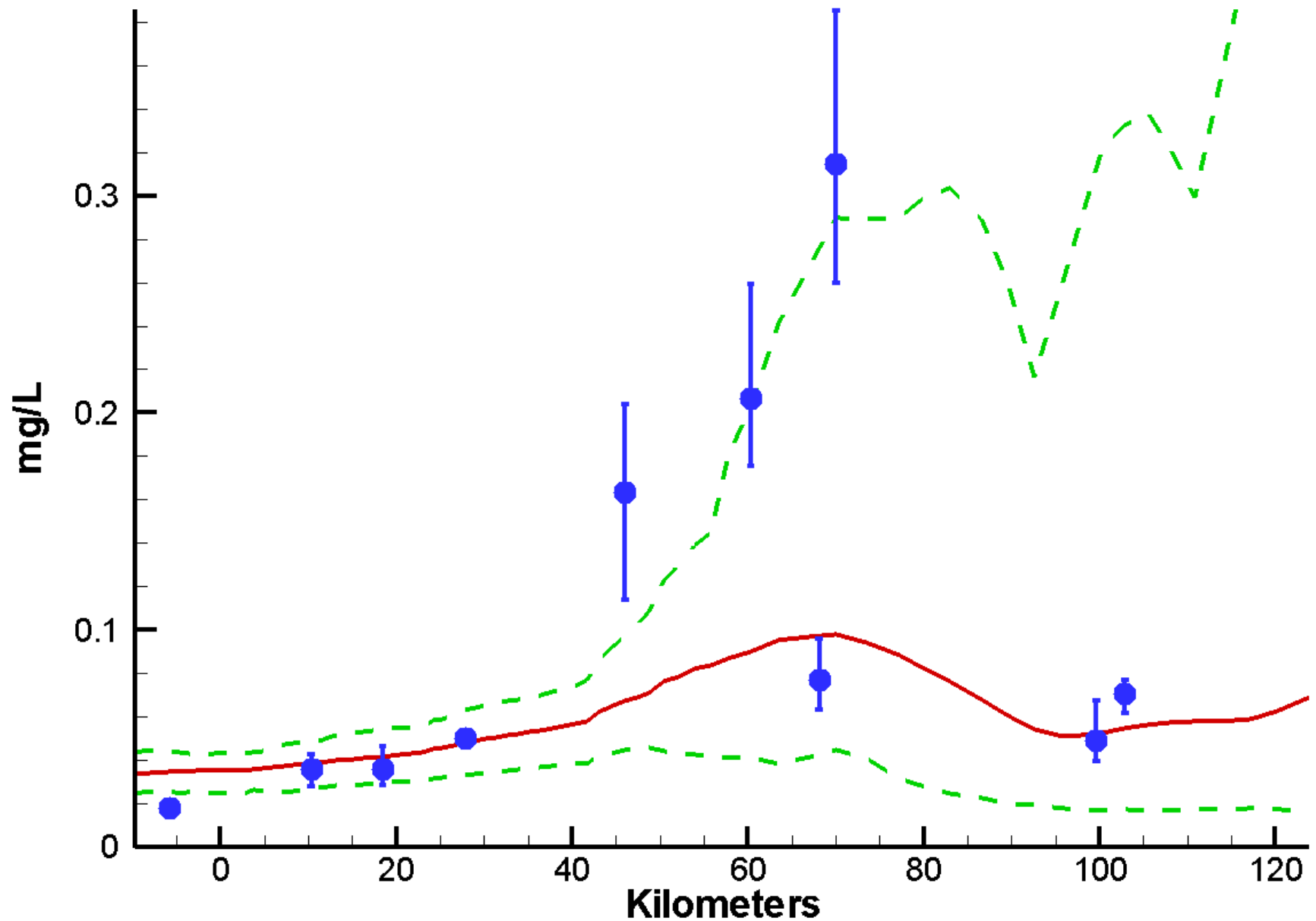
# York River Ches2015 Run118

## Surface Total Organic Carbon Spring 1999



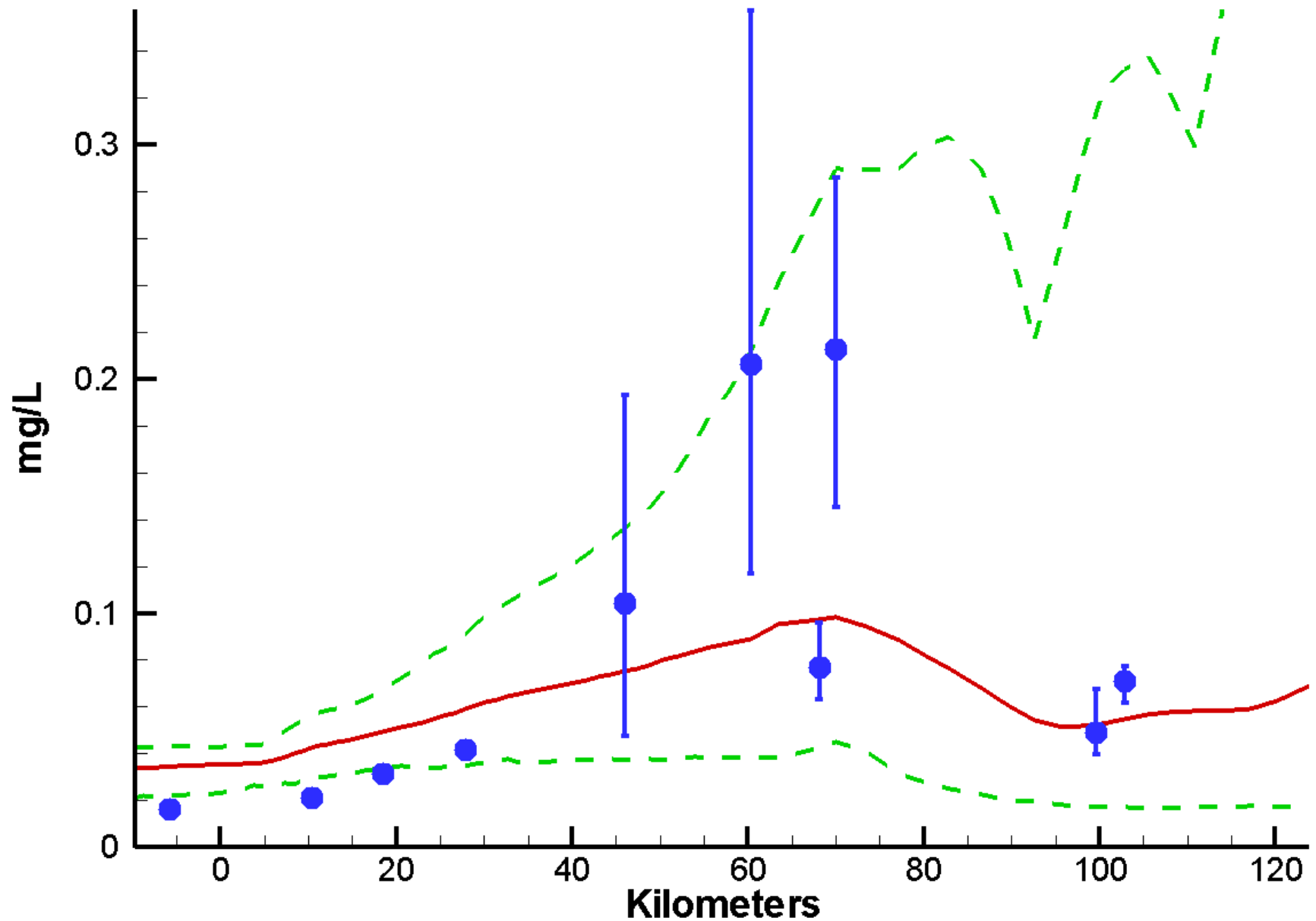
# York River Ches2015 Run118

## Bottom Total Phosphorus Spring 1999



# York River Ches2015 Run118

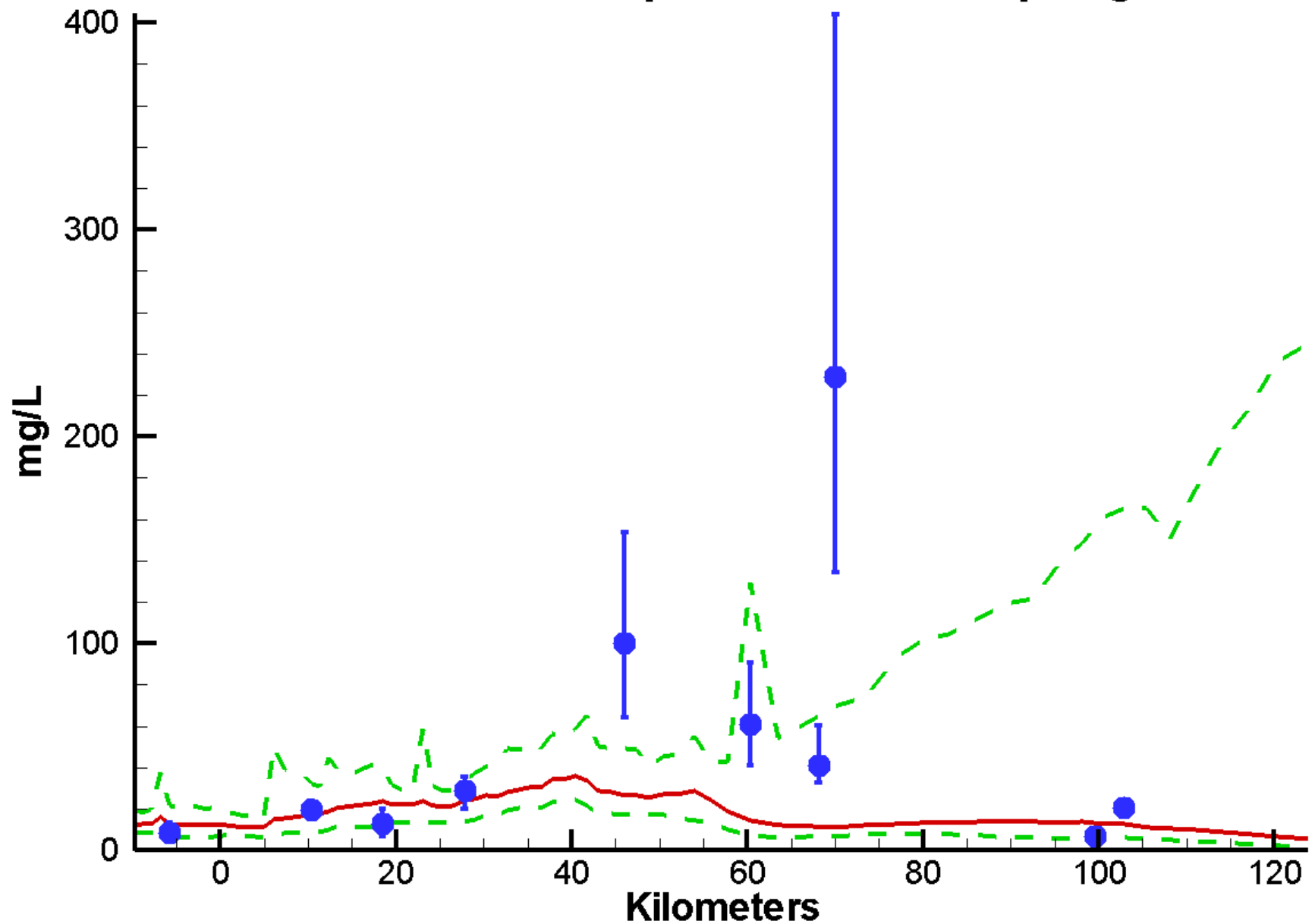
## Surface Total Phosphorus Spring 1999





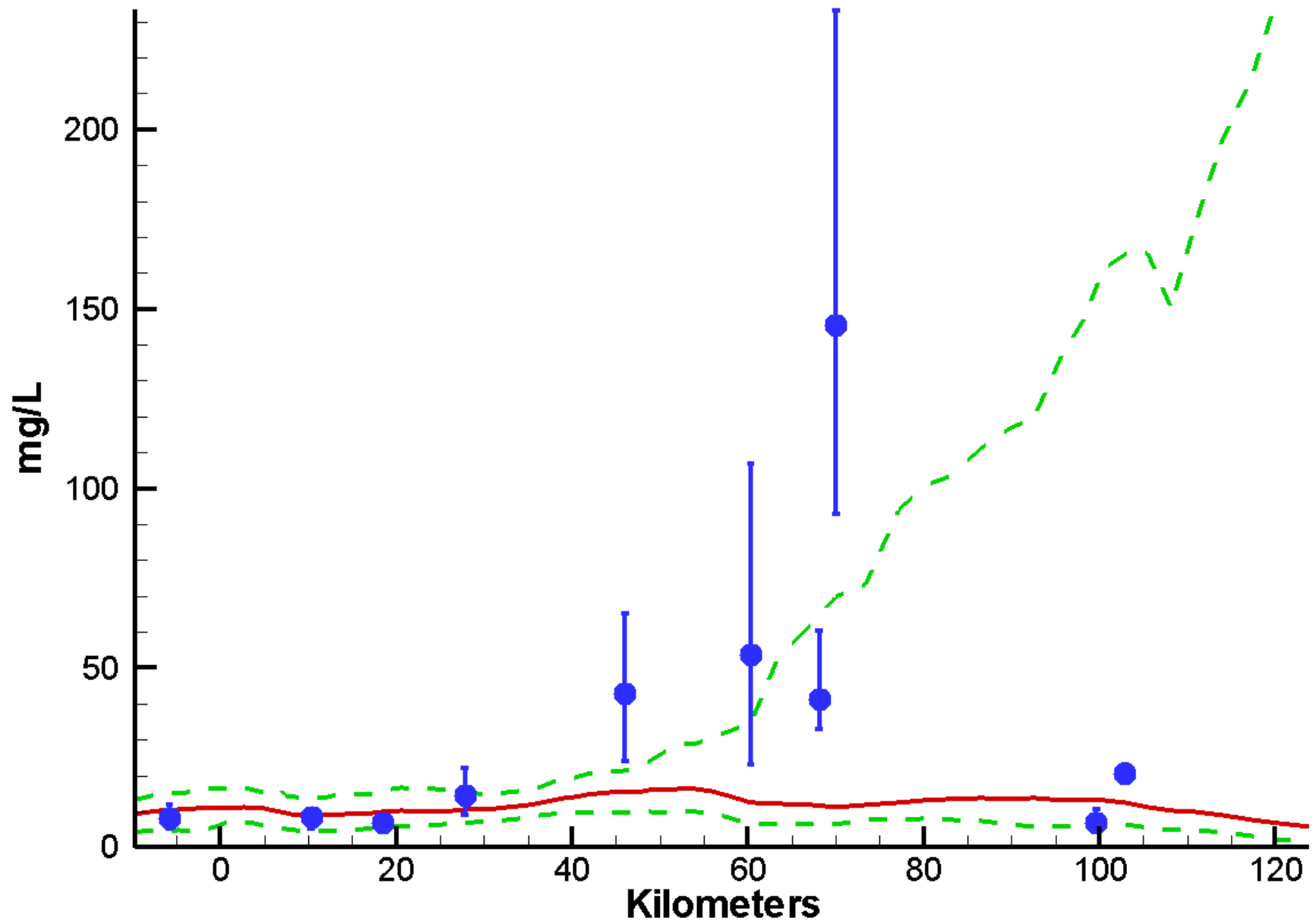
# York River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1999



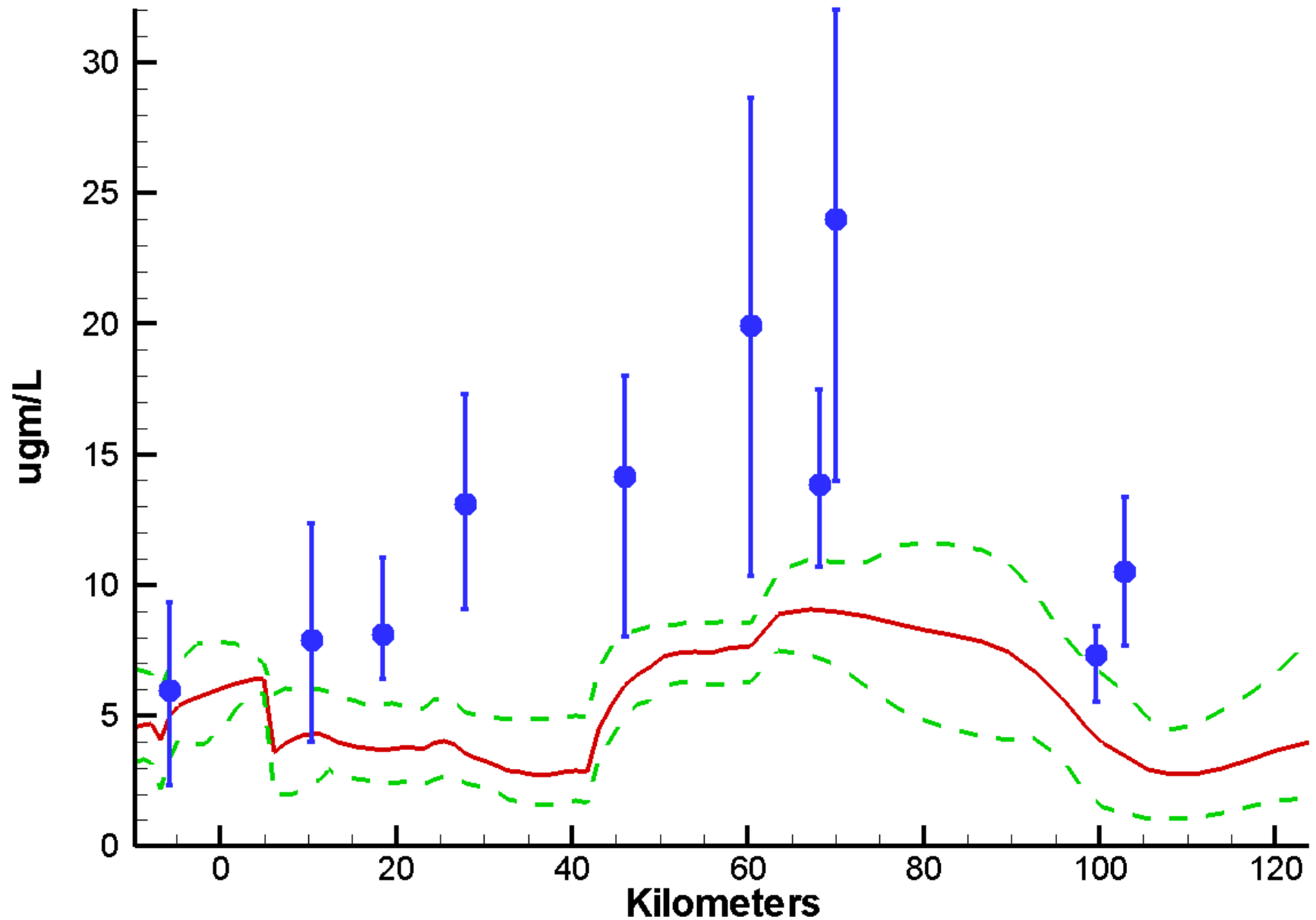
# York River Ches2015 Run118

## Surface Total Suspended Solids Spring 1999



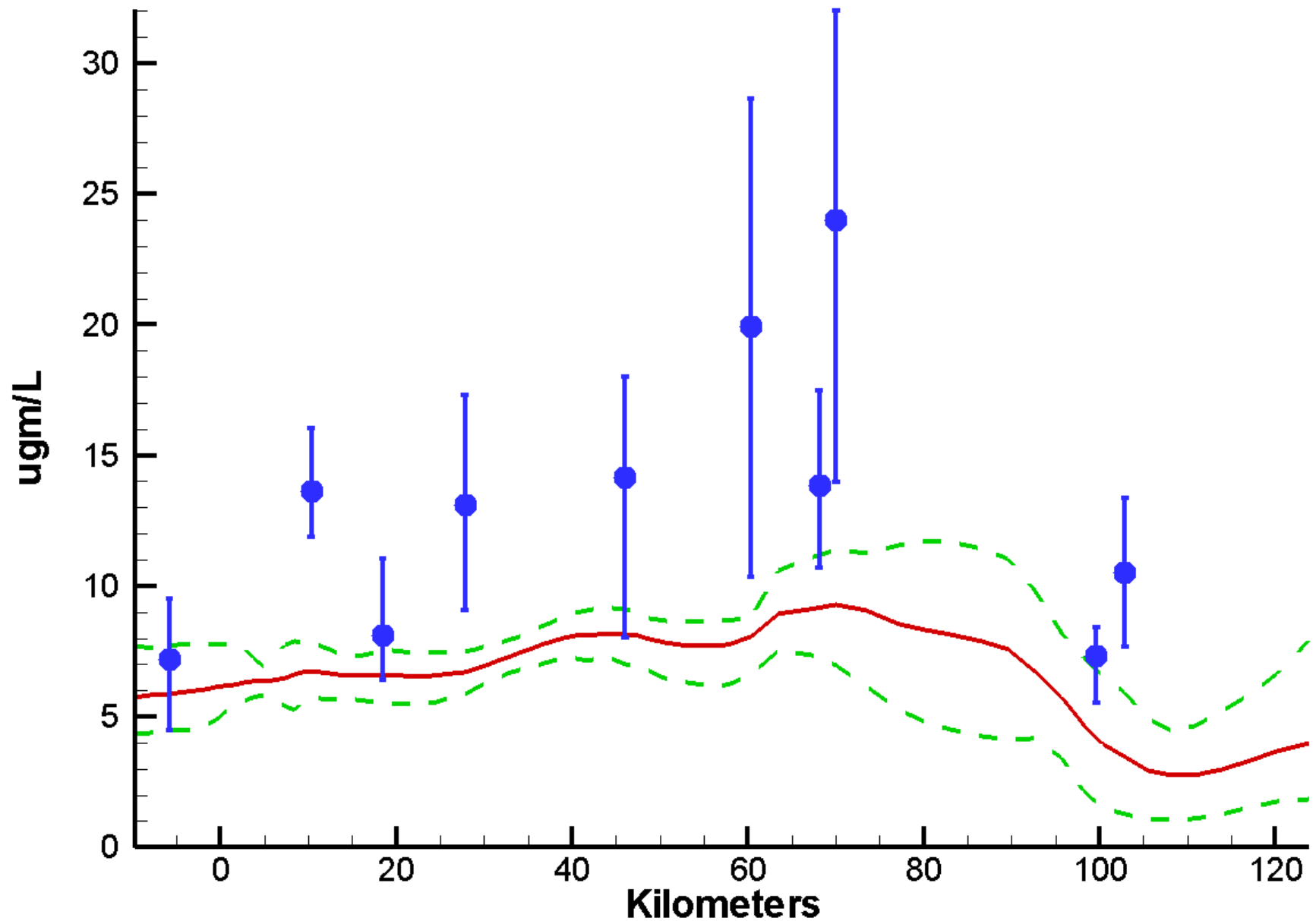
# York River Ches2015 Run118

## Bottom Chlorophyll Summer 1999



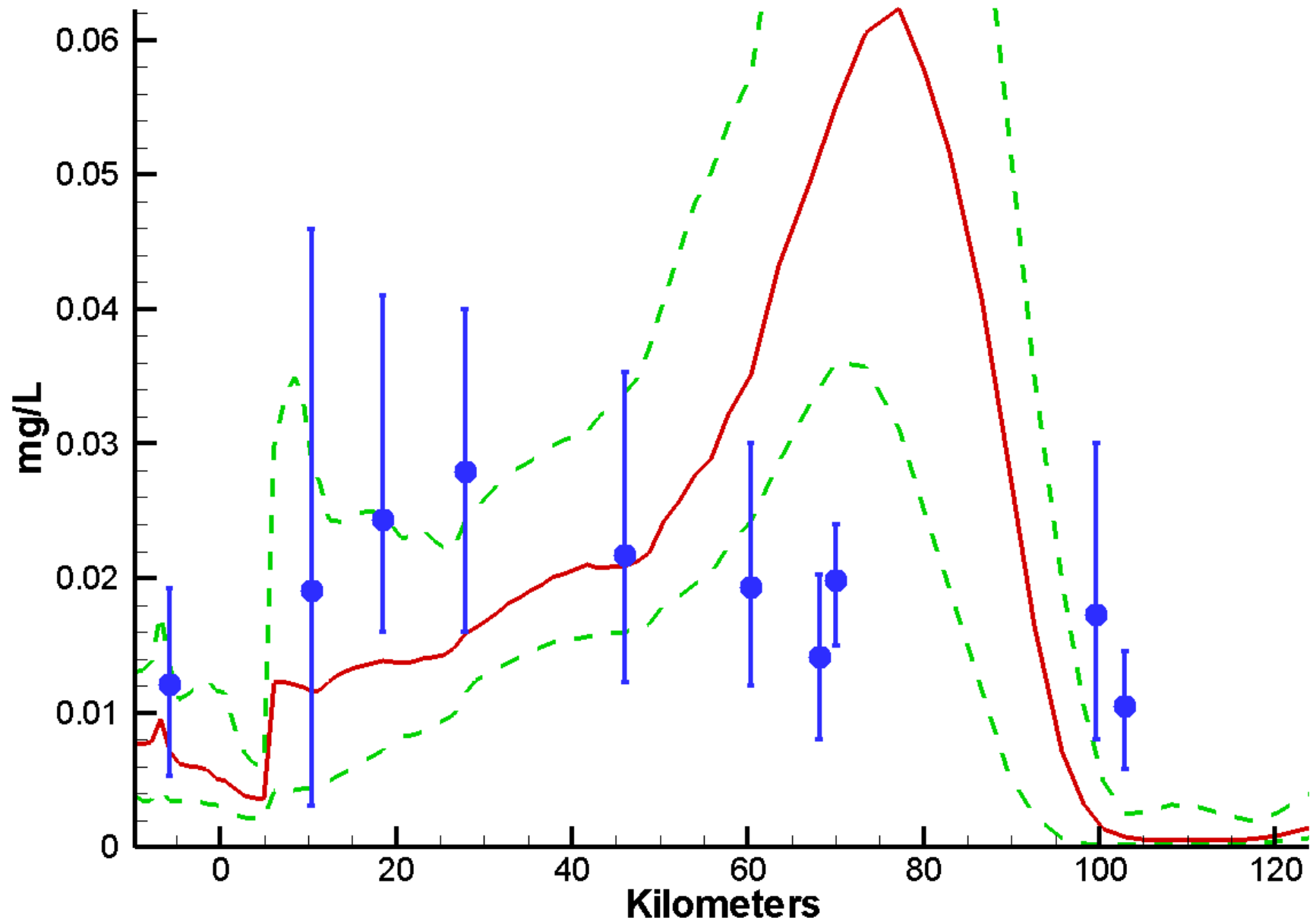
# York River Ches2015 Run118

## Surface Chlorophyll Summer 1999



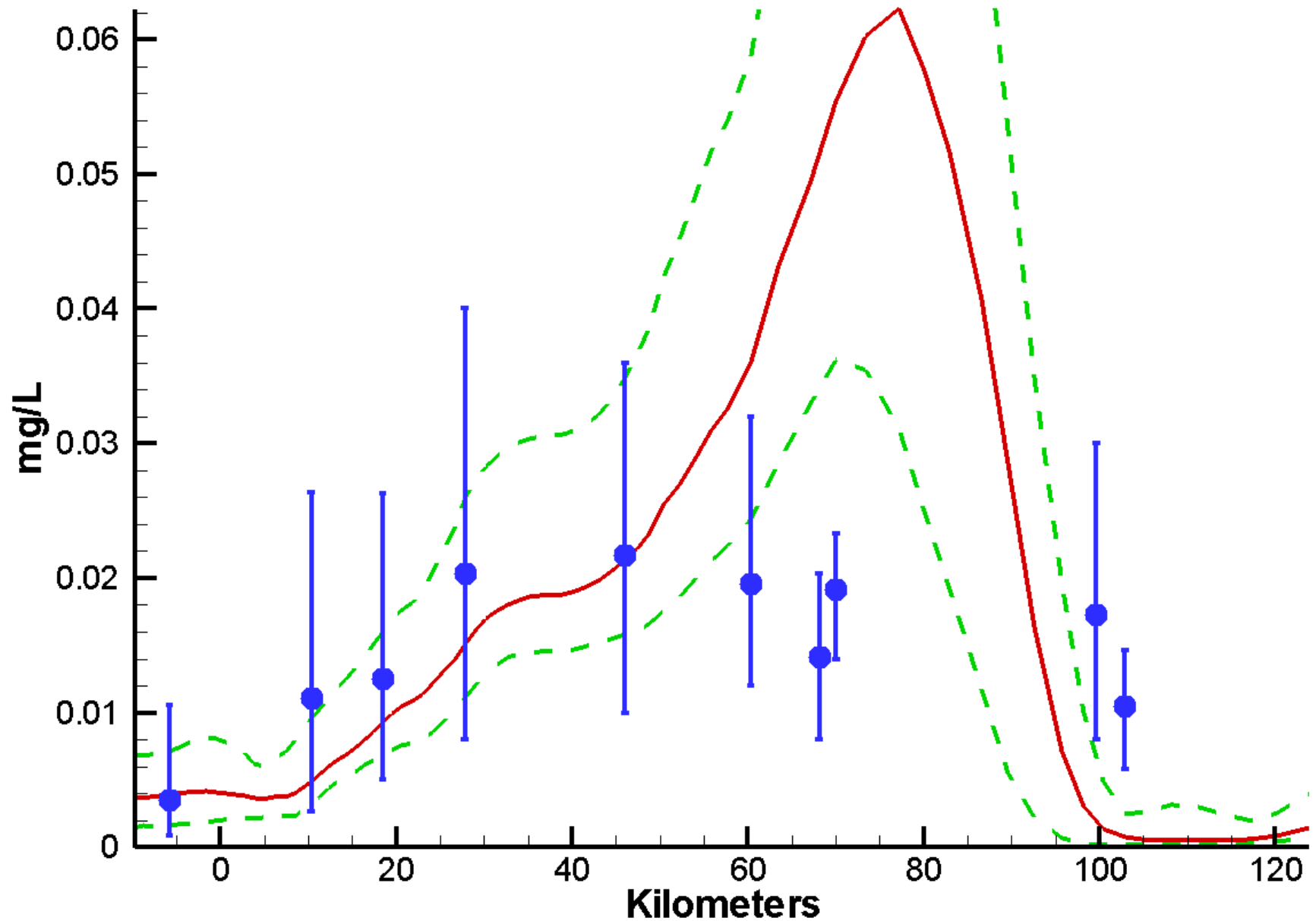
# York River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1999



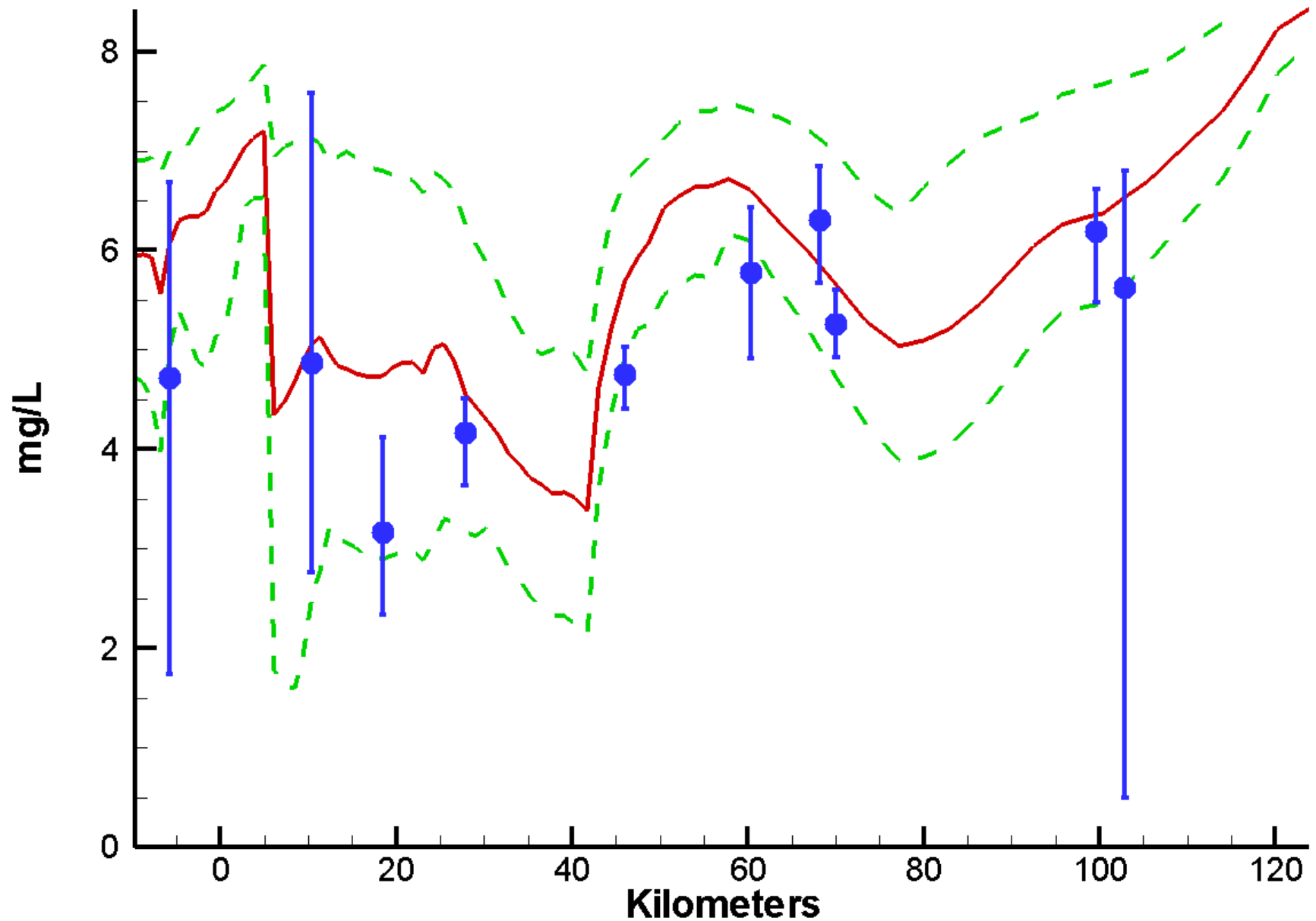
# York River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1999



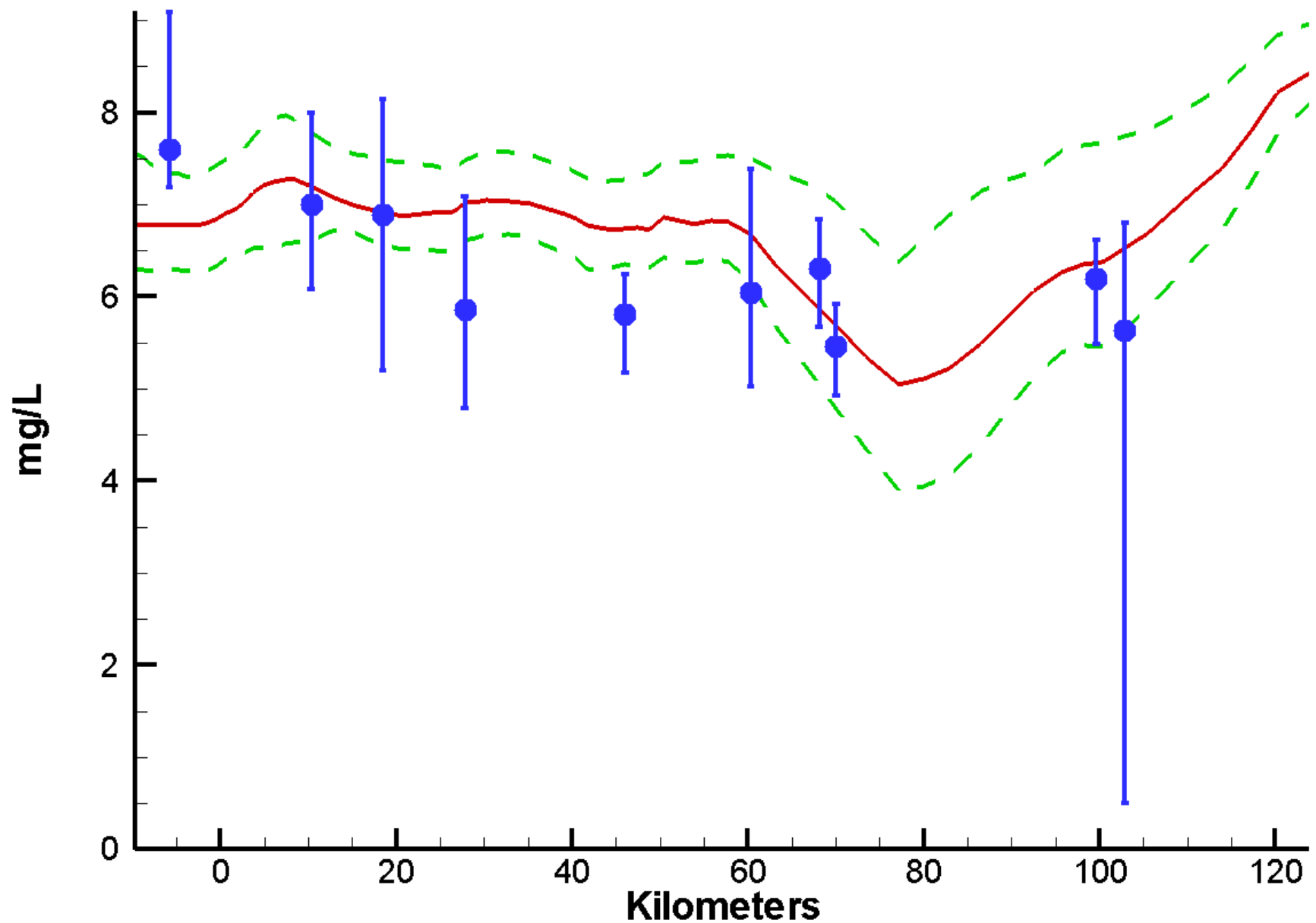
# York River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1999



# York River Ches2015 Run118

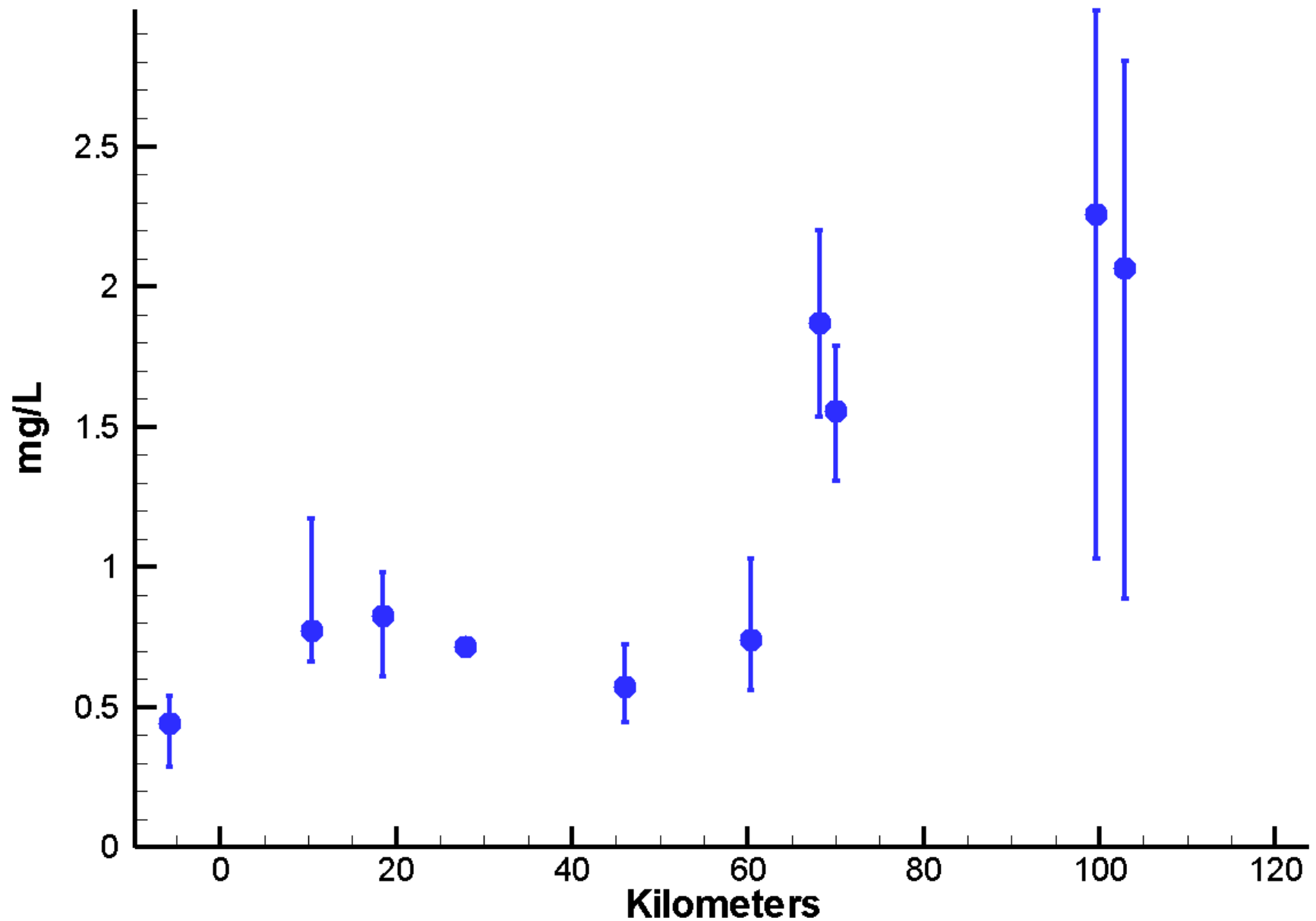
## Surface Dissolved Oxygen Summer 1999





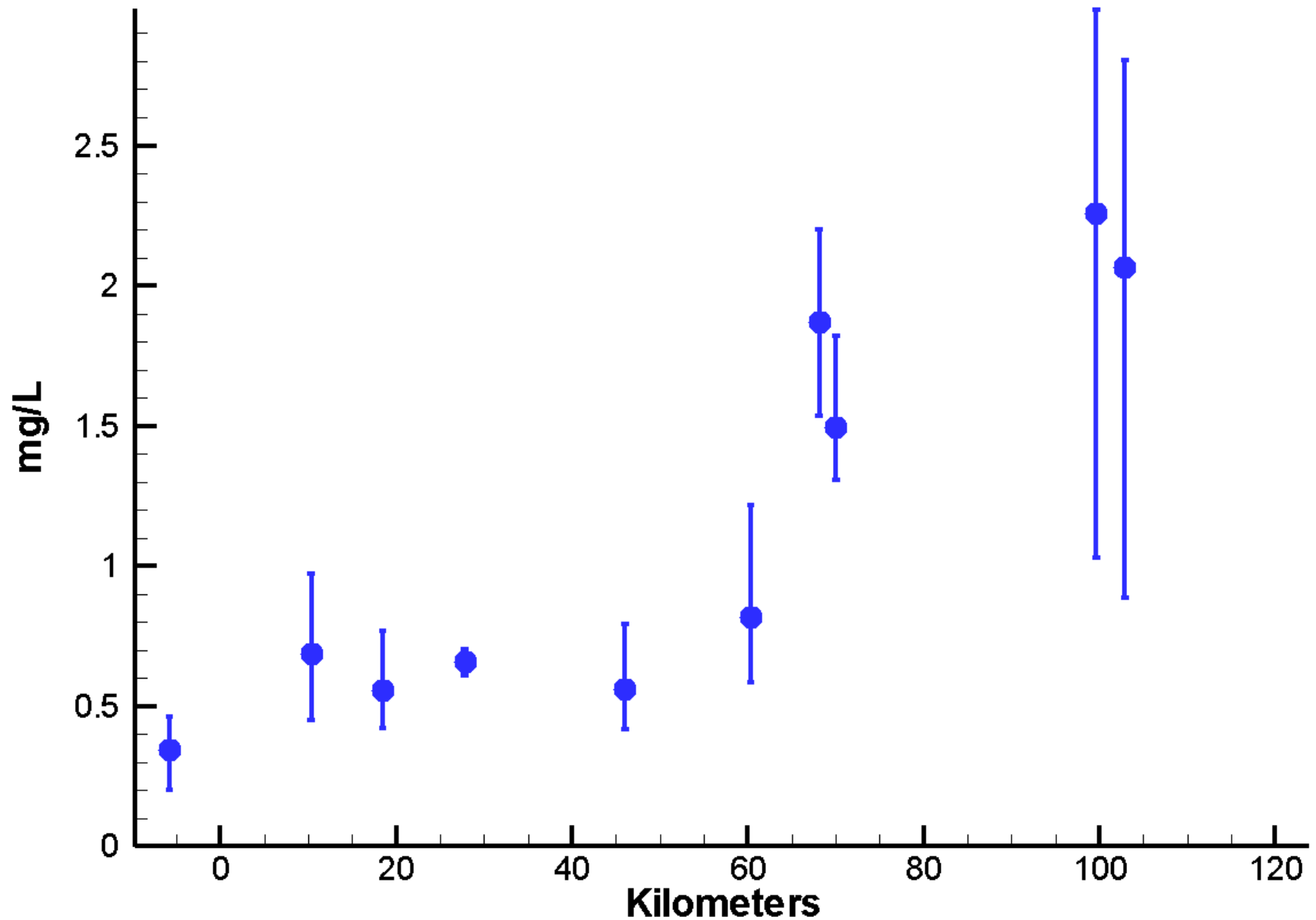
# York River Ches2015 Run118

## Bottom Dissolved Silica Summer 1999



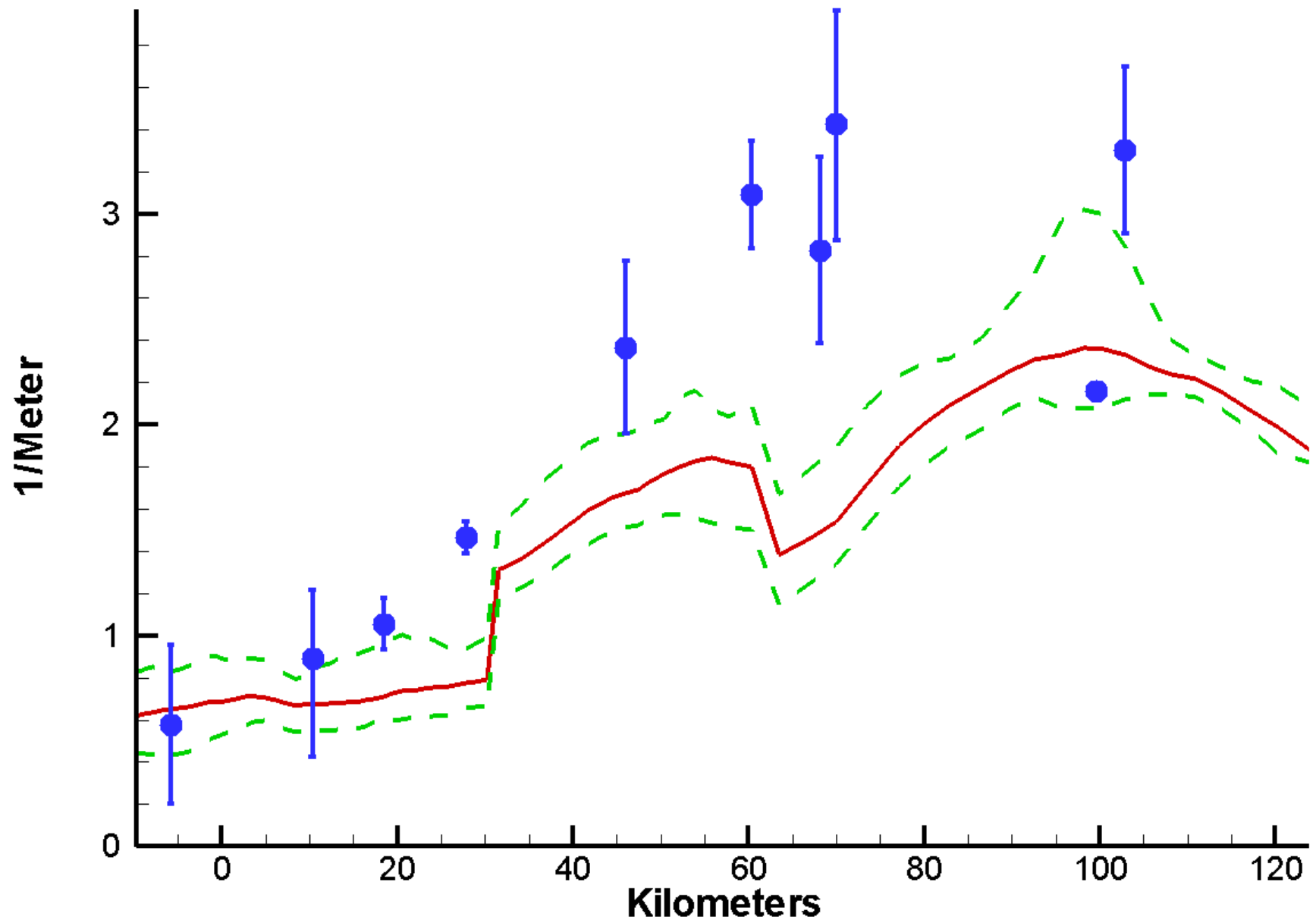
# York River Ches2015 Run118

## Surface Dissolved Silica Summer 1999



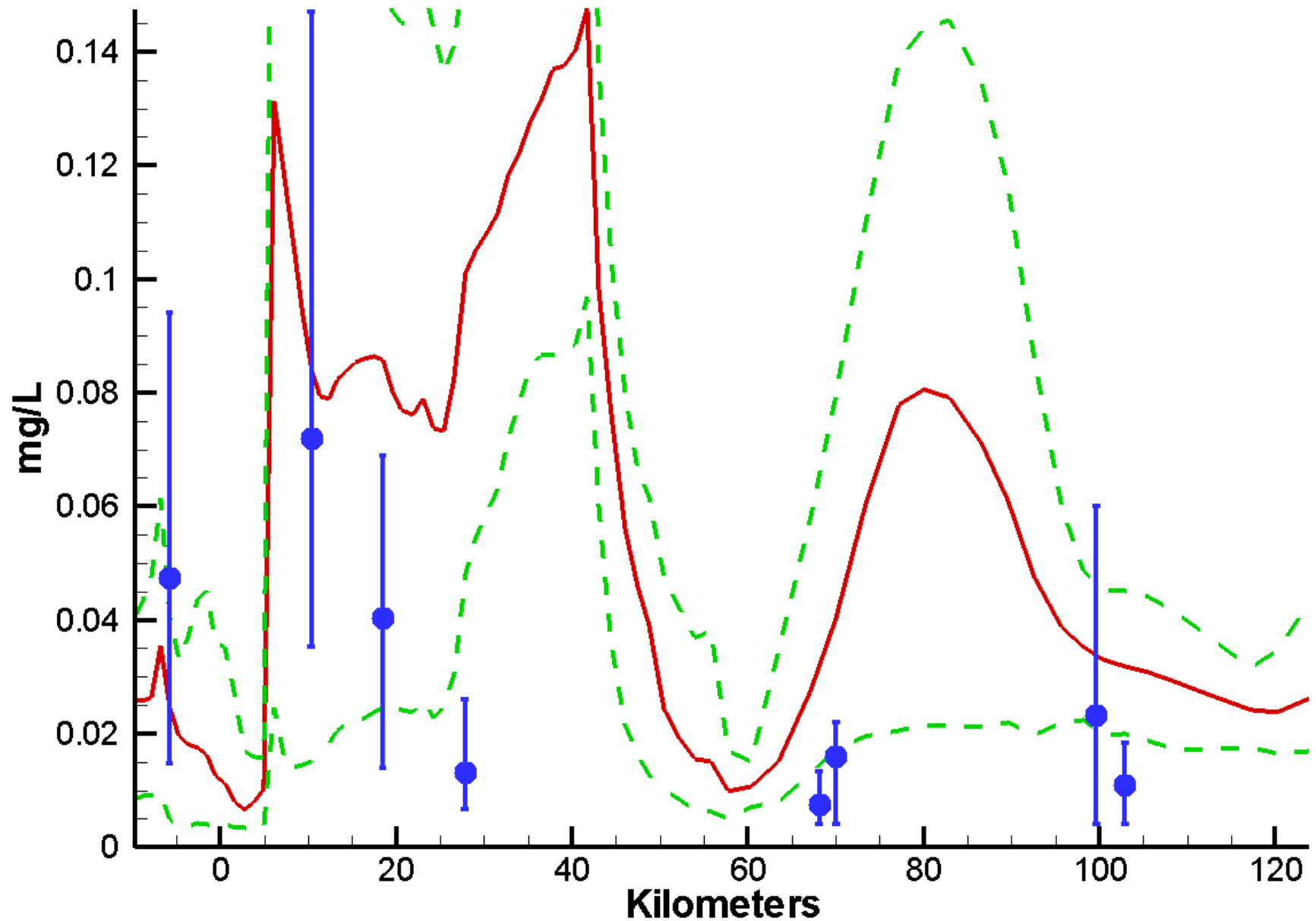
# York River Ches2015 Run118

## Surface Light Extinction Summer 1999



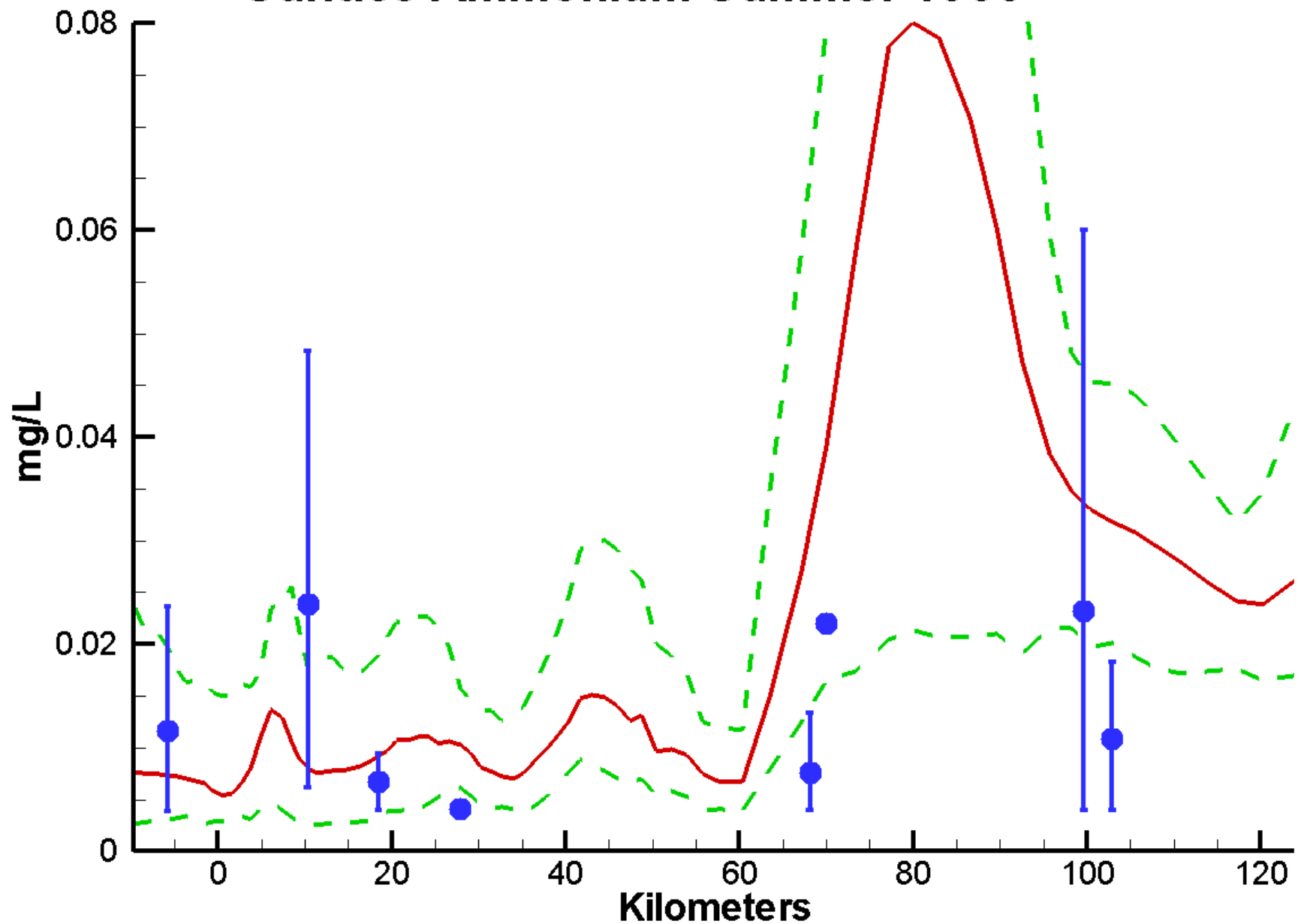
# York River Ches2015 Run118

## Bottom Ammonium Summer 1999



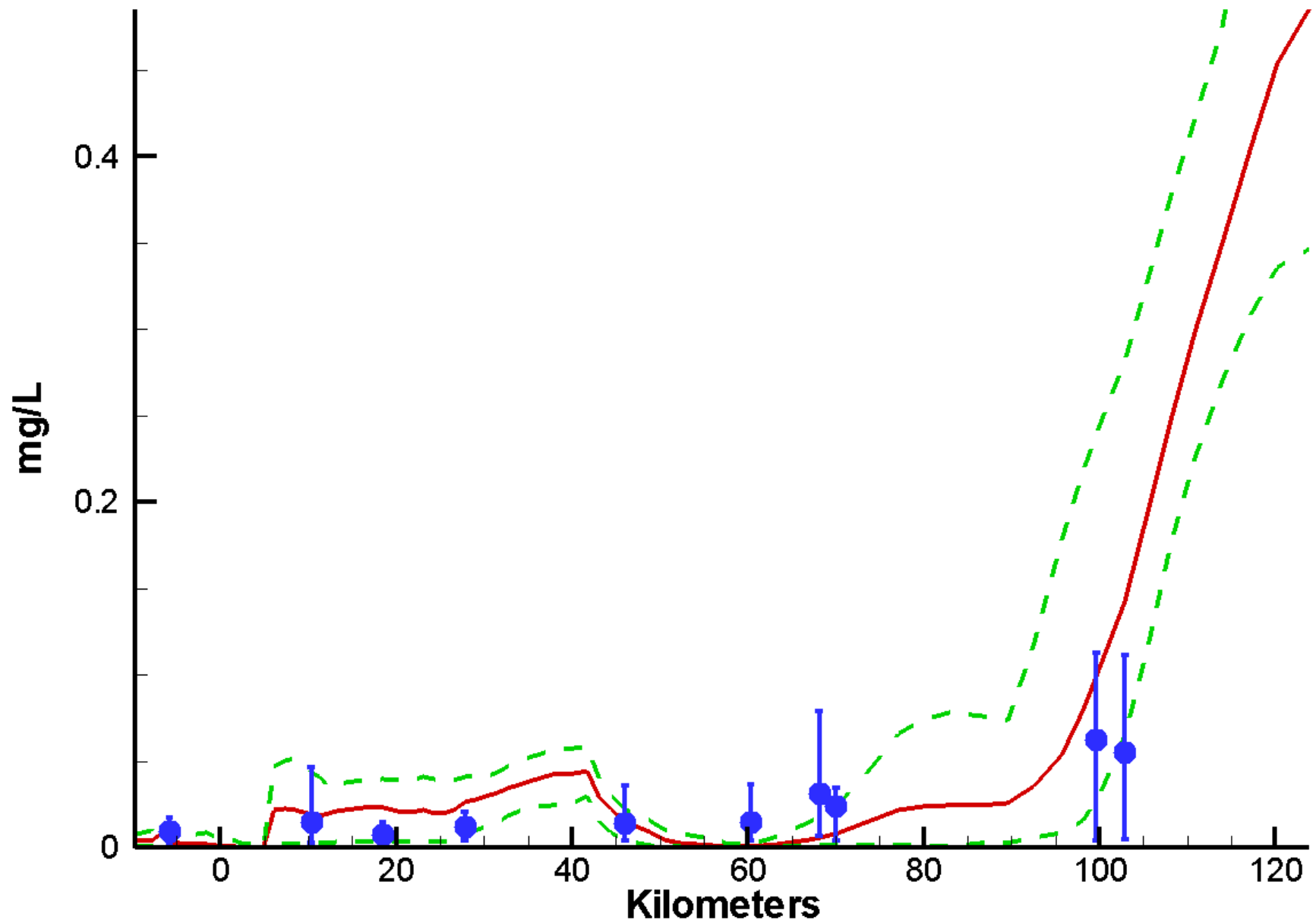
# York River Ches2015 Run118

## Surface Ammonium Summer 1999



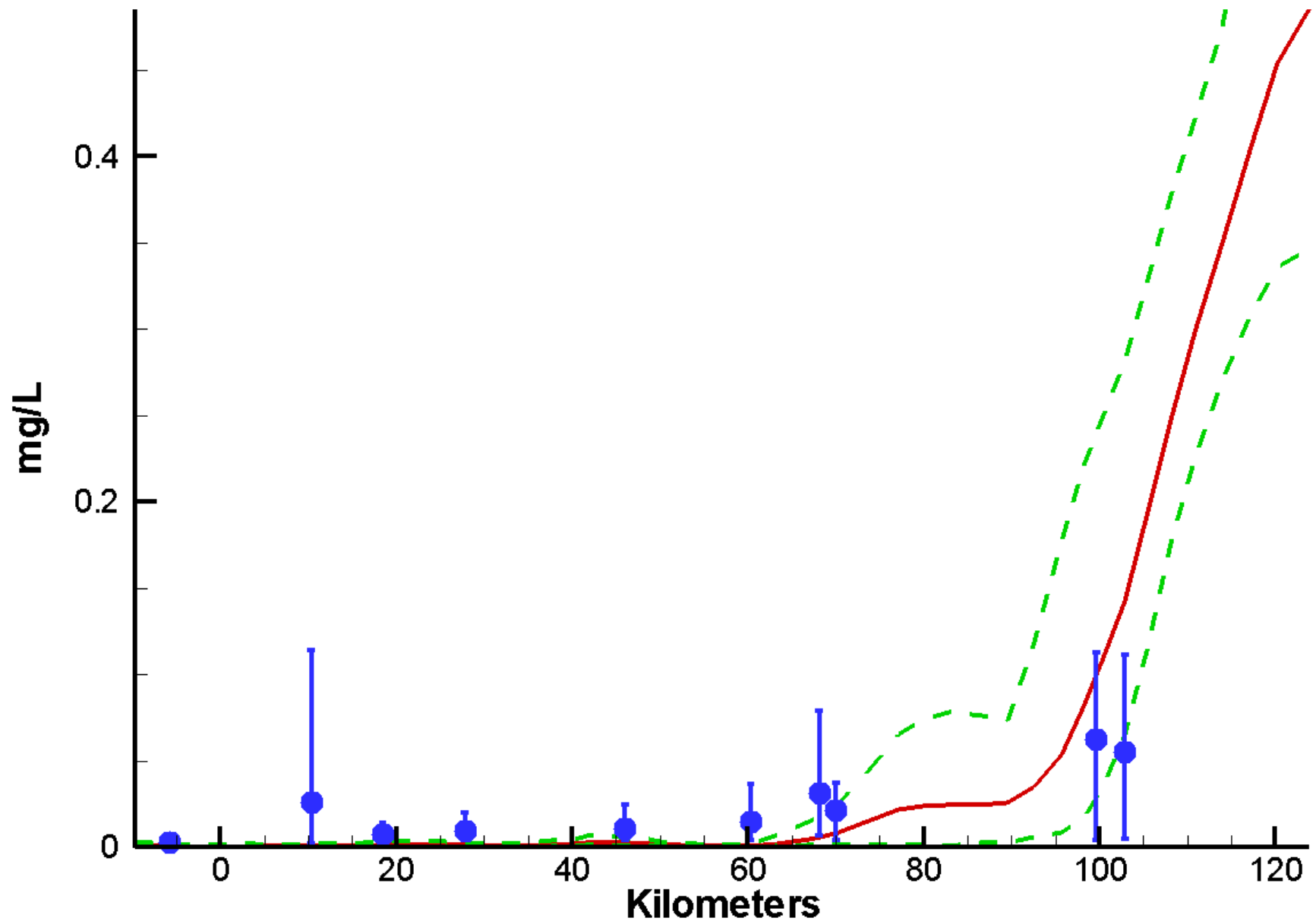
# York River Ches2015 Run118

## Bottom Nitrate Summer 1999



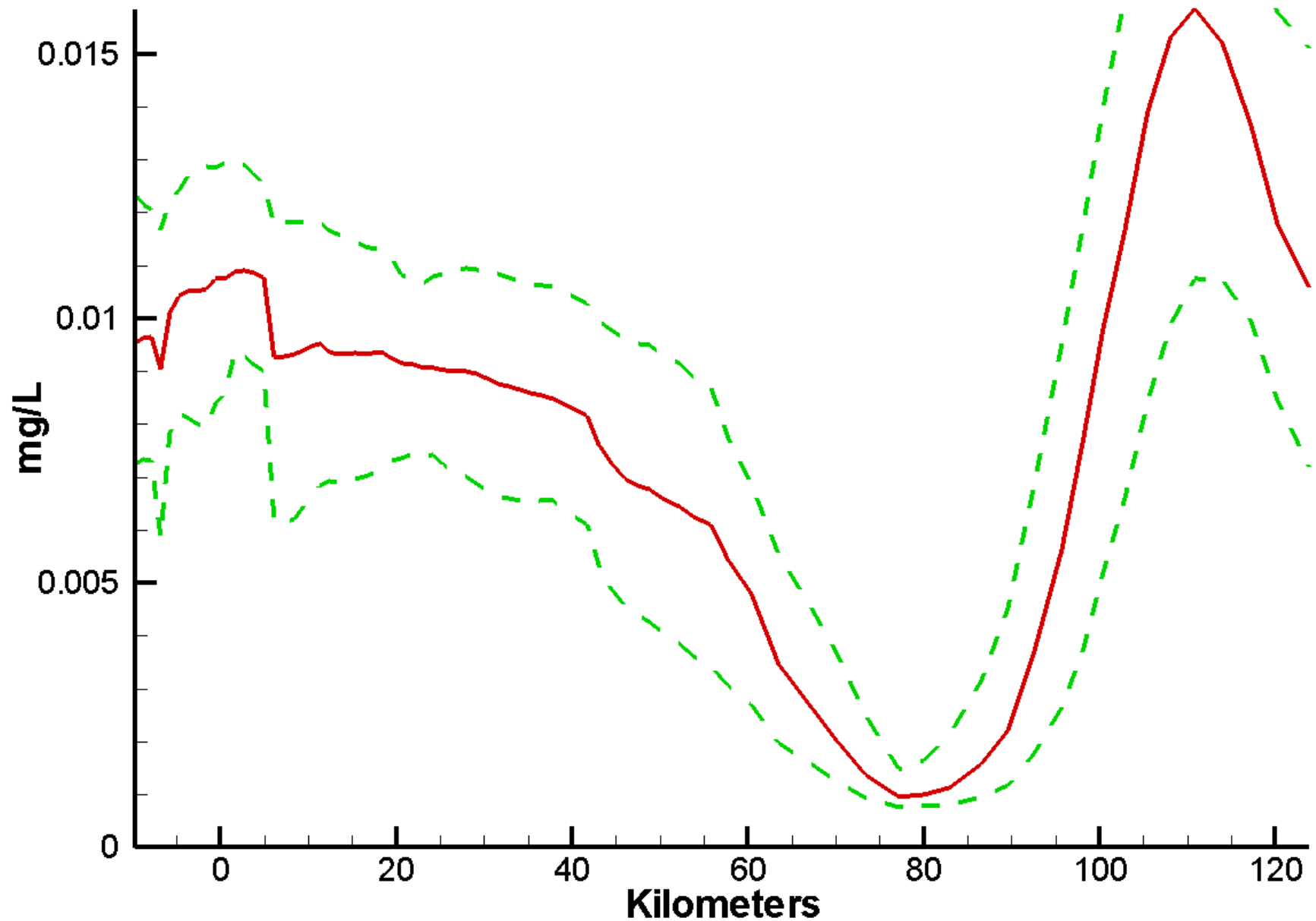
# York River Ches2015 Run118

## Surface Nitrate Summer 1999



# York River Ches2015 Run118

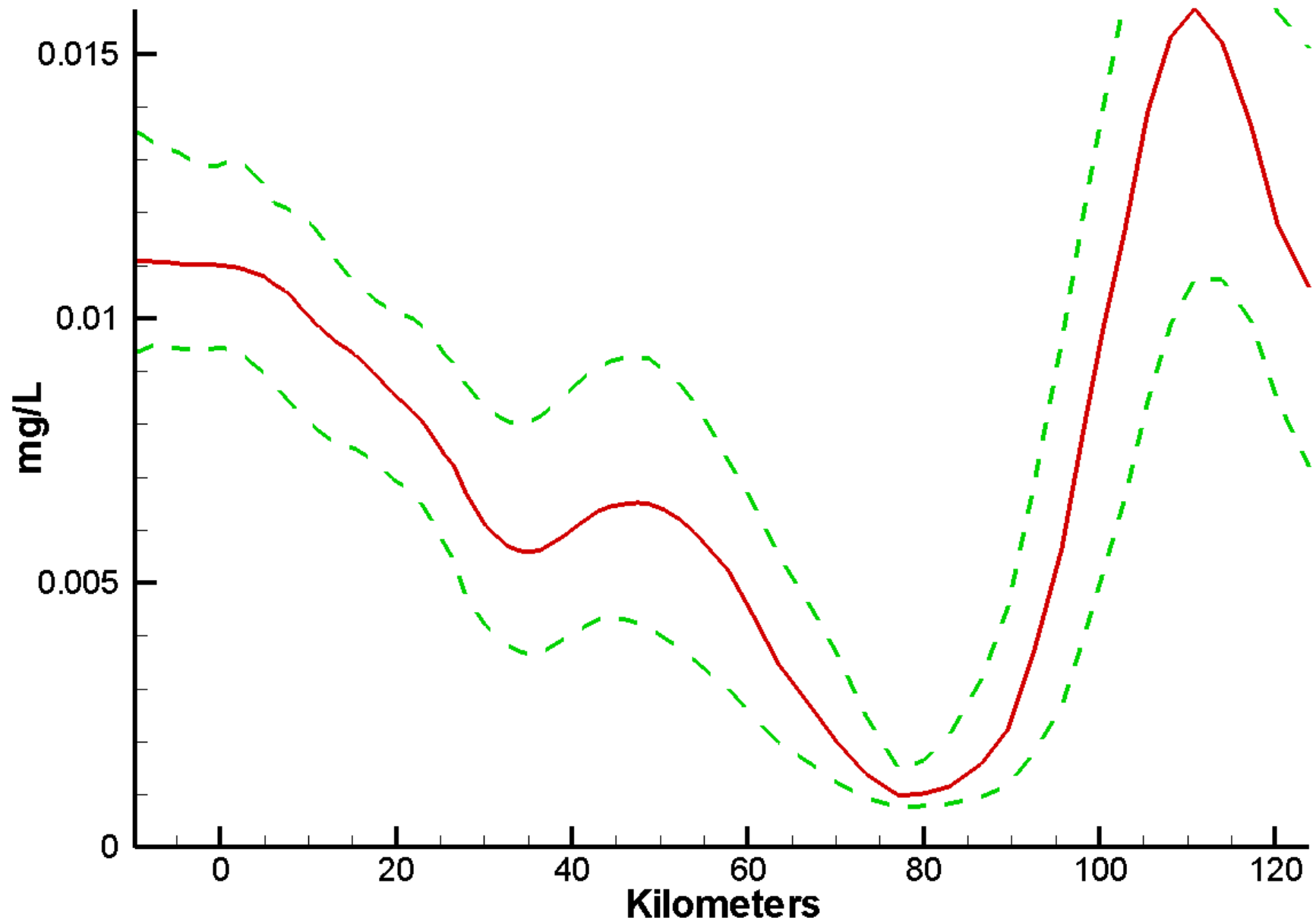
## Bottom Particulate Inorganic Phosphorus Summer 199





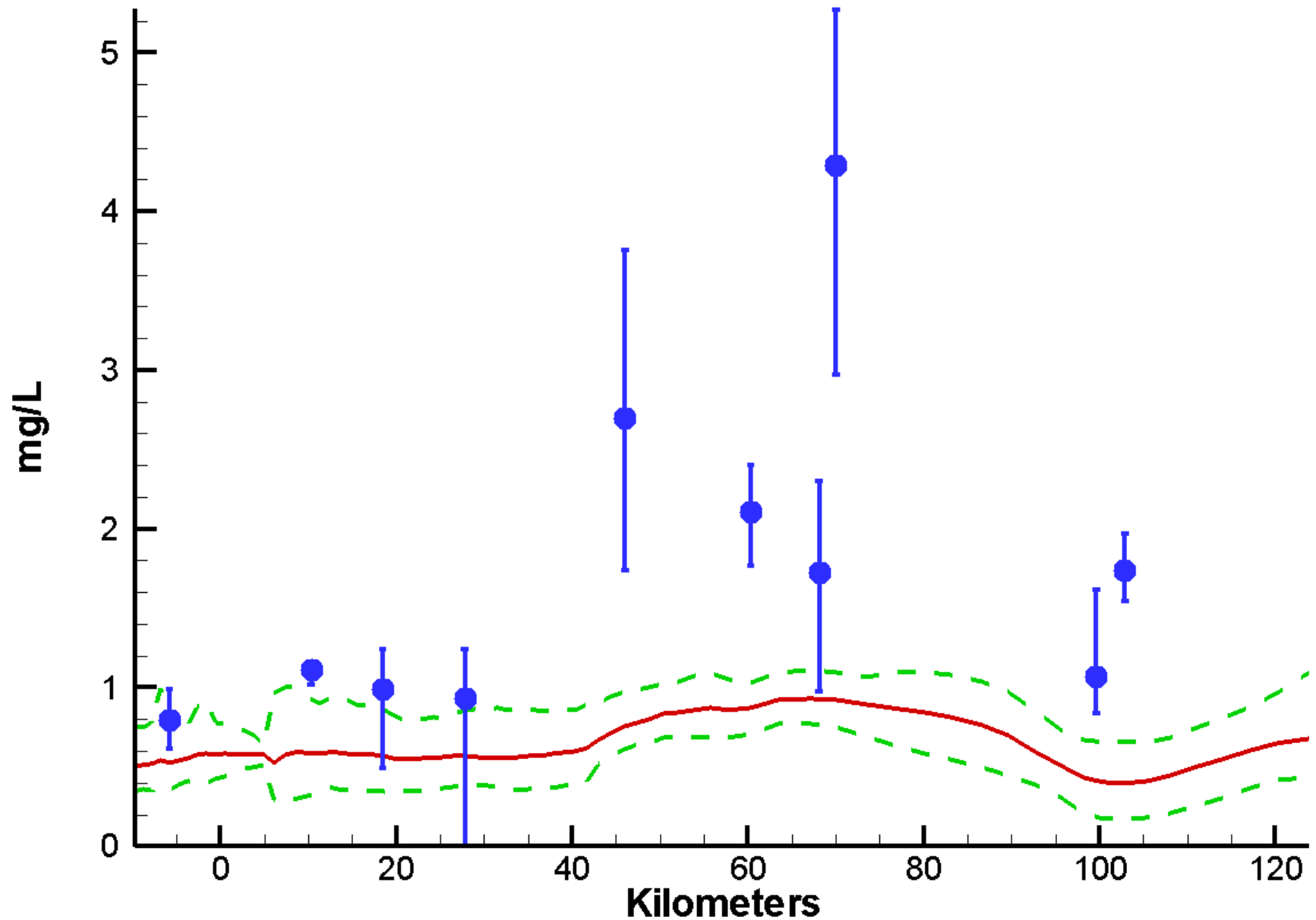
# York River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



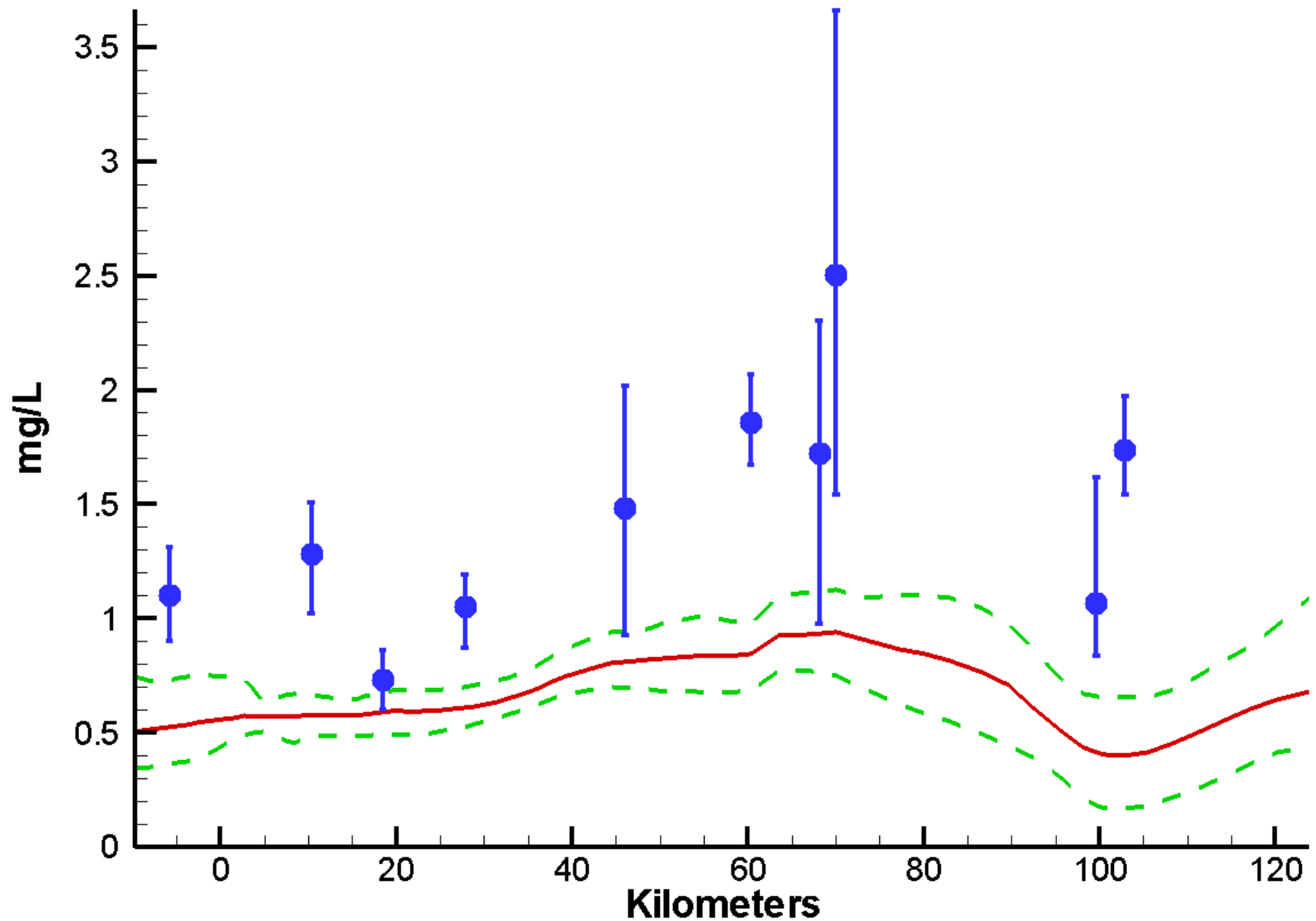
# York River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1999



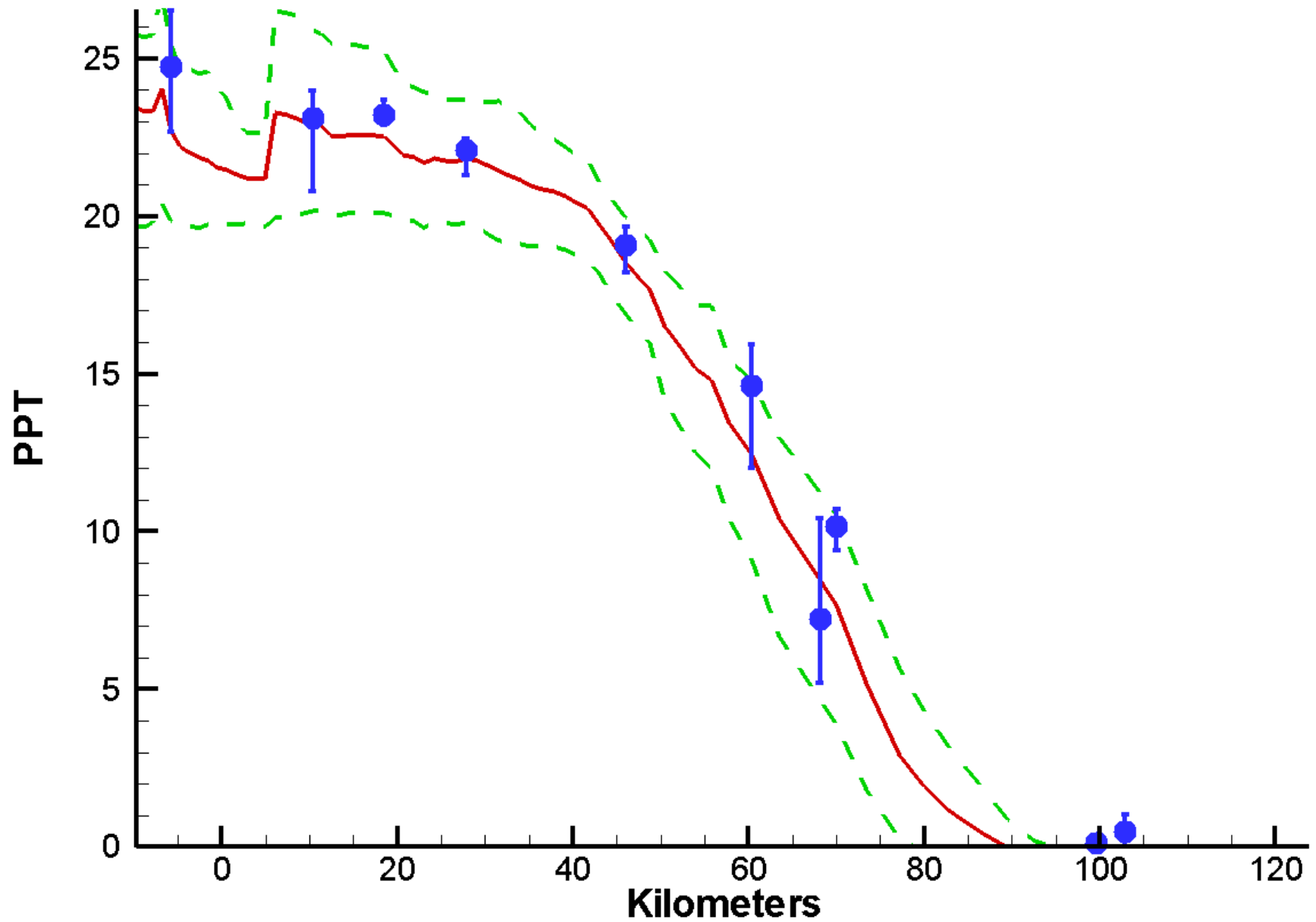
# York River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1999

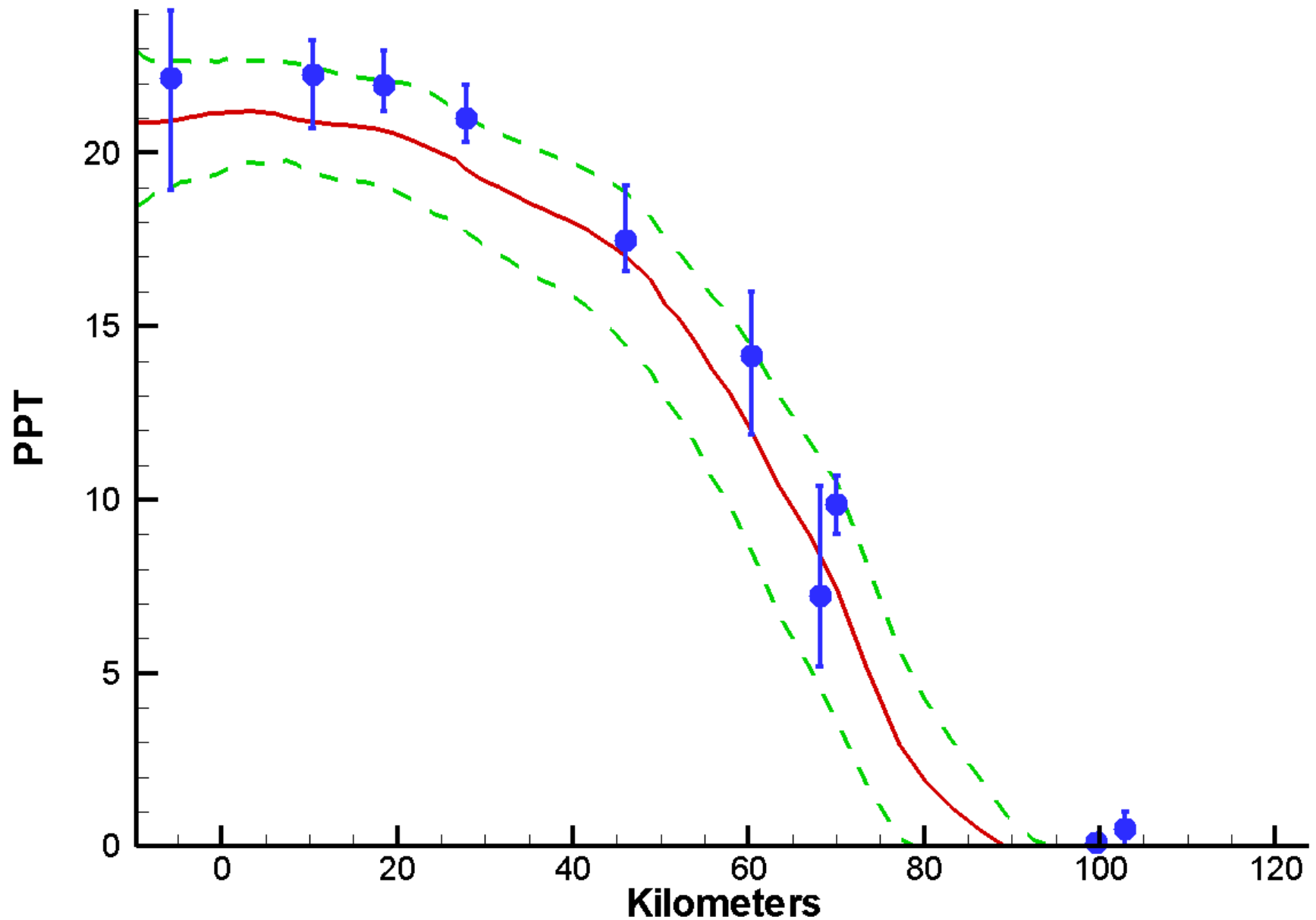


# York River Ches2015 Run118

## Bottom Salinity Summer 1999

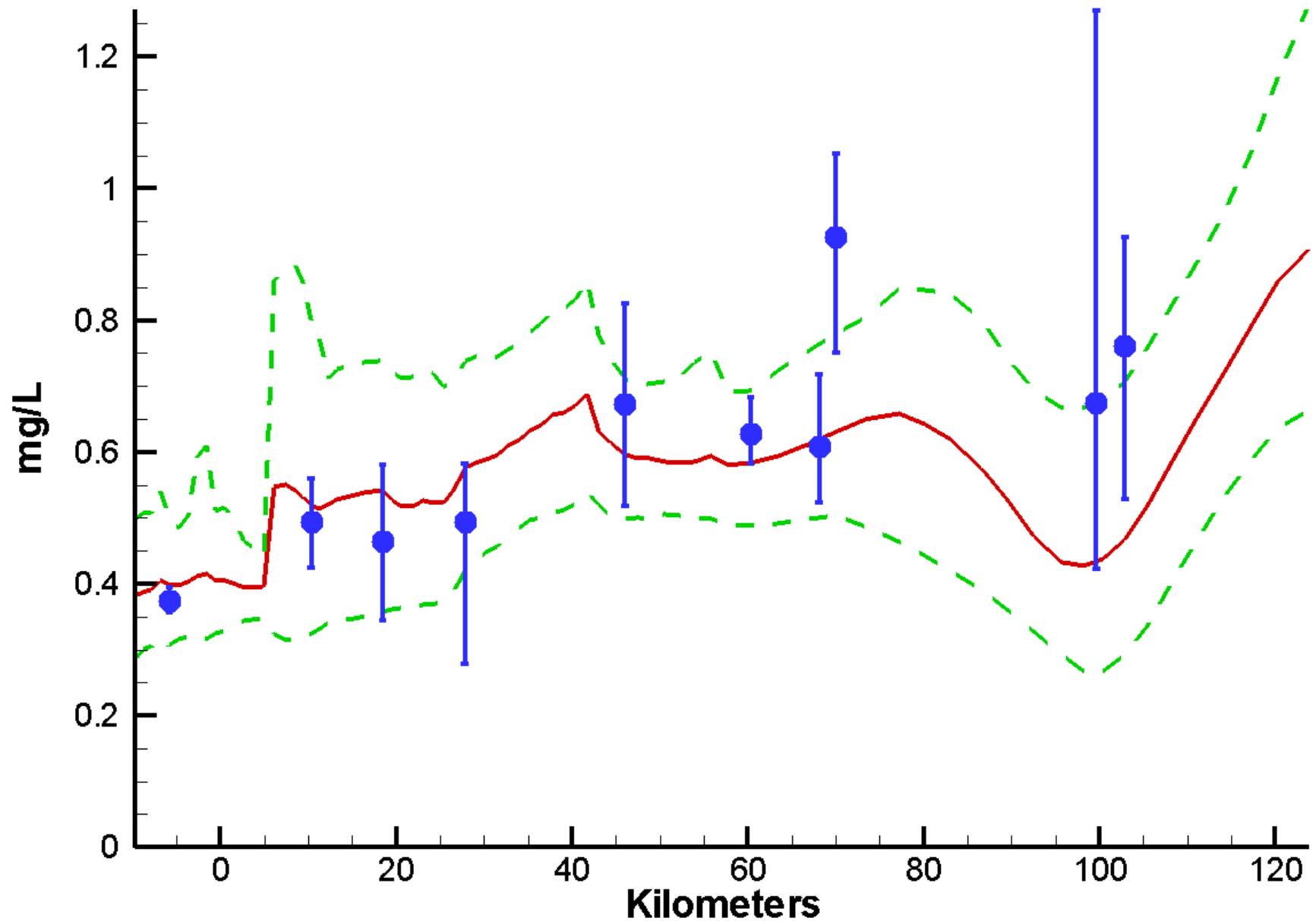


# York River Ches2015 Run118 Surface Salinity Summer 1999



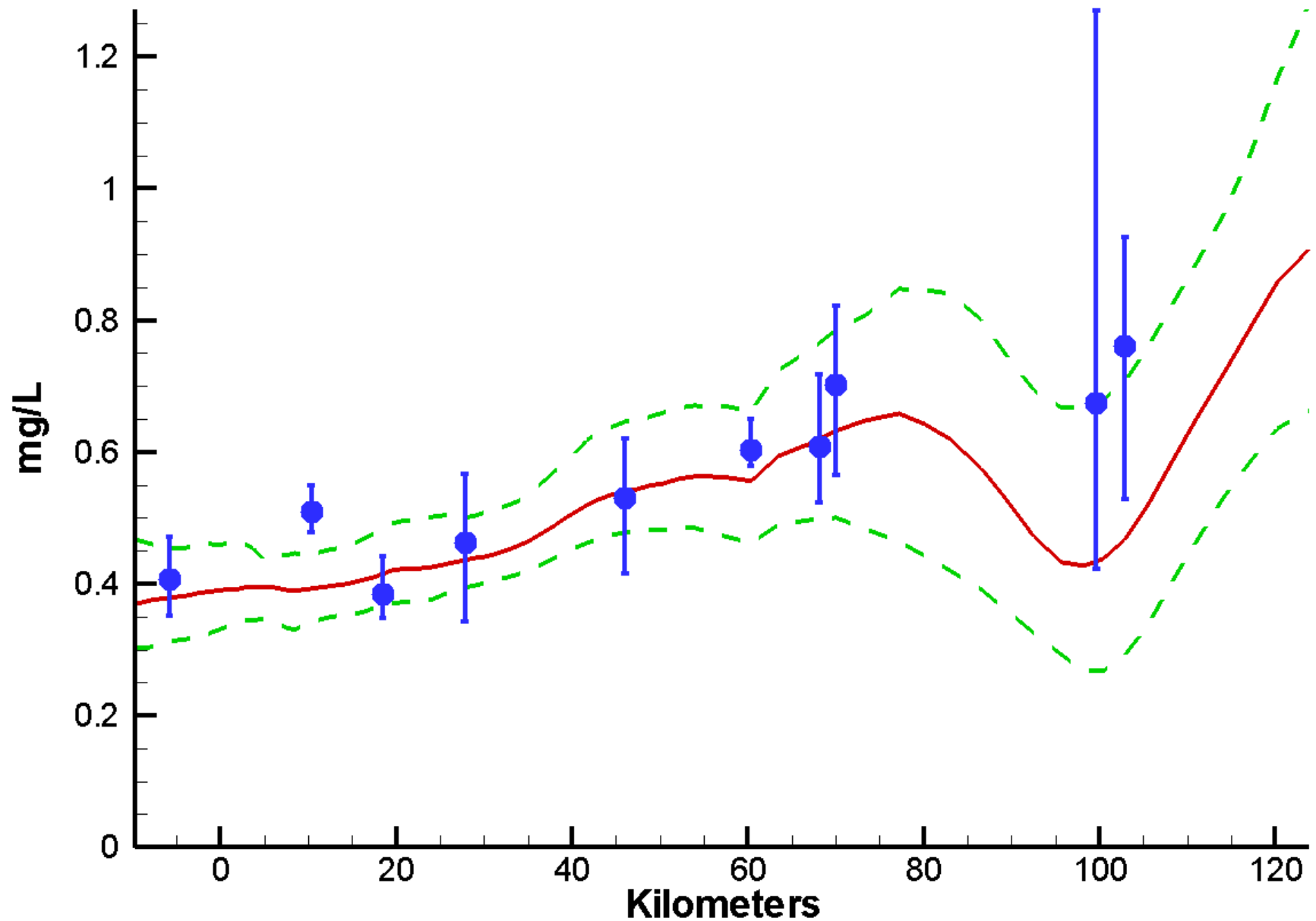
# York River Ches2015 Run118

## Bottom Total Nitrogen Summer 1999



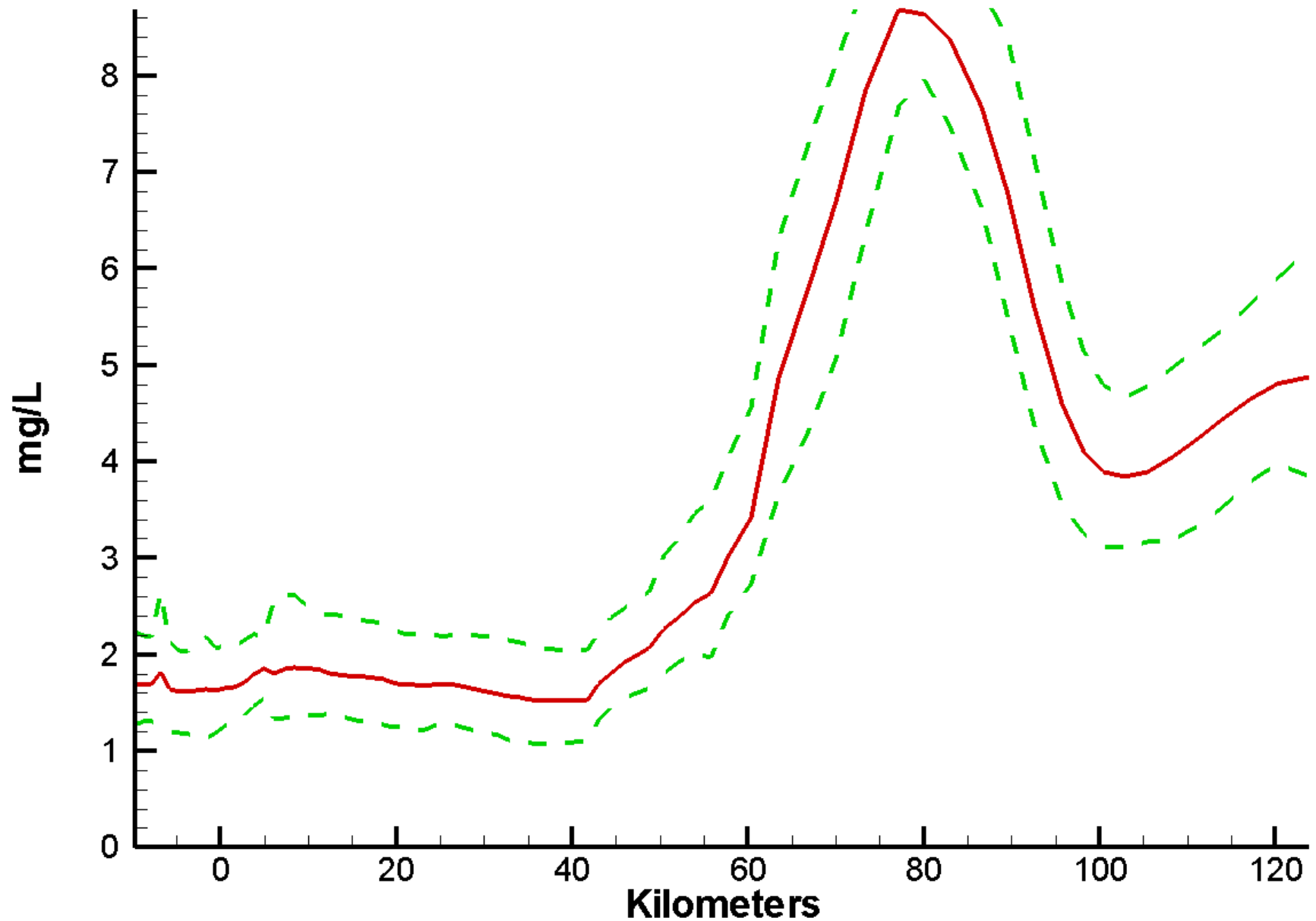
# York River Ches2015 Run118

## Surface Total Nitrogen Summer 1999



# York River Ches2015 Run118

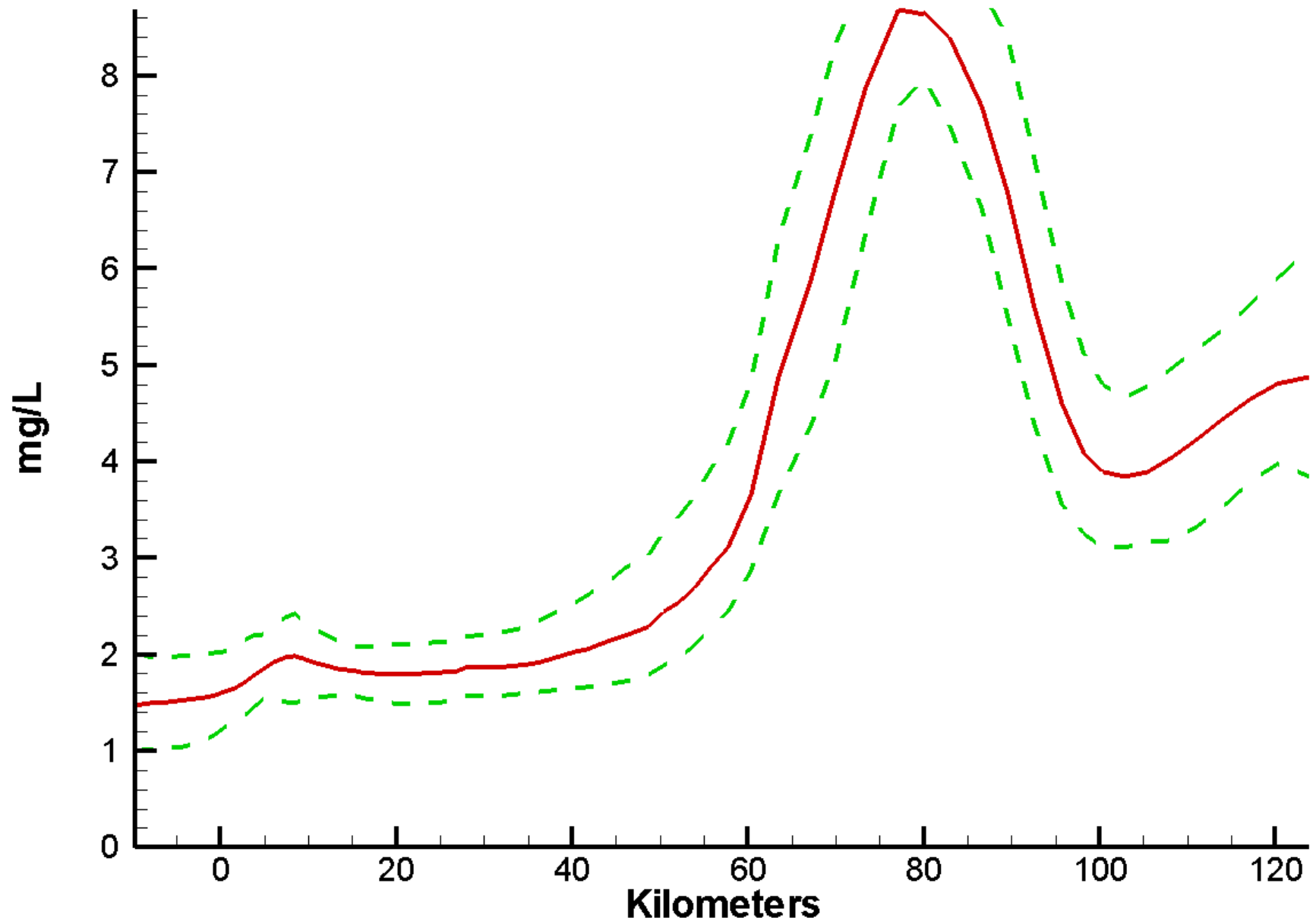
## Bottom Total Organic Carbon Summer 1999





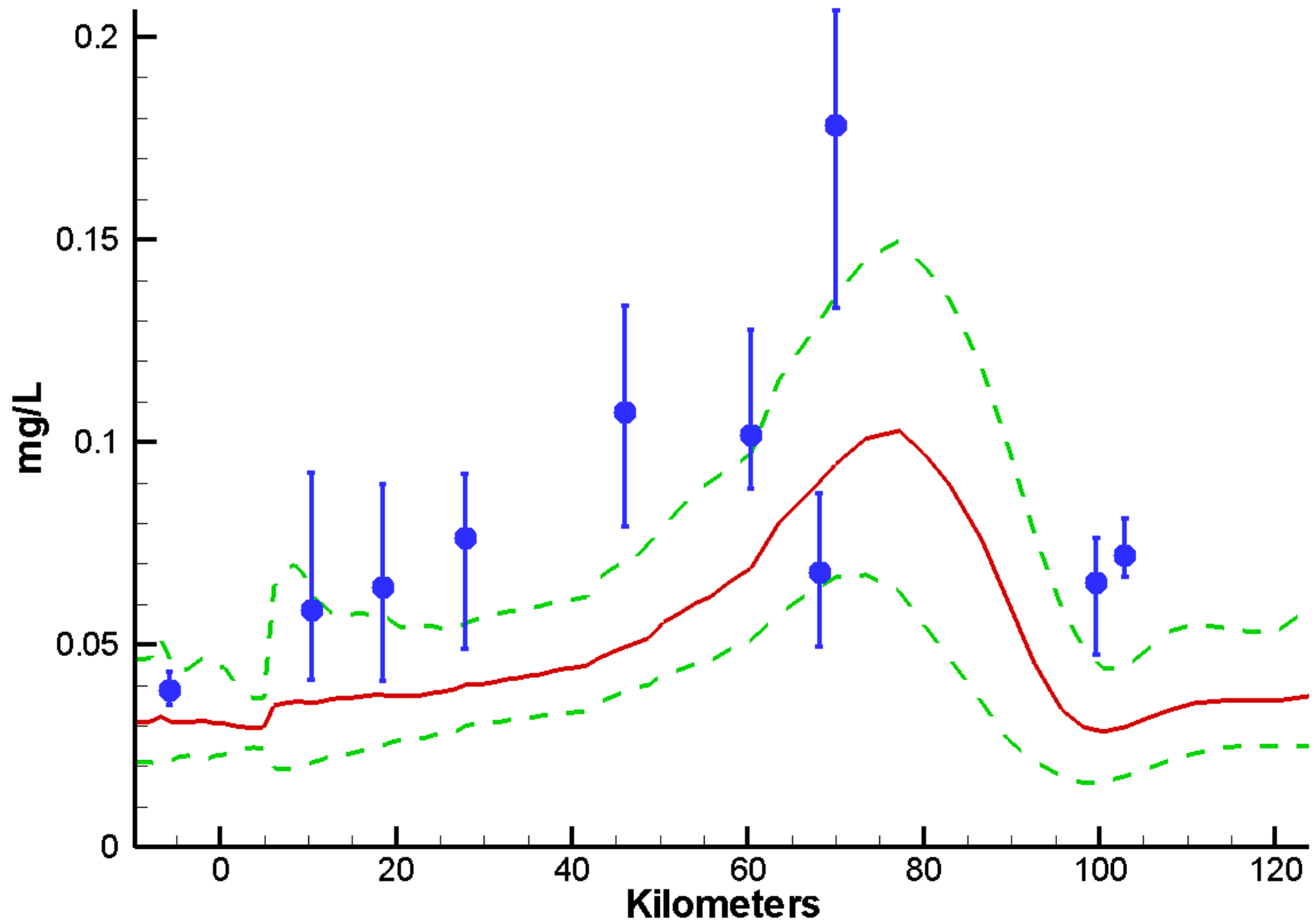
# York River Ches2015 Run118

## Surface Total Organic Carbon Summer 1999



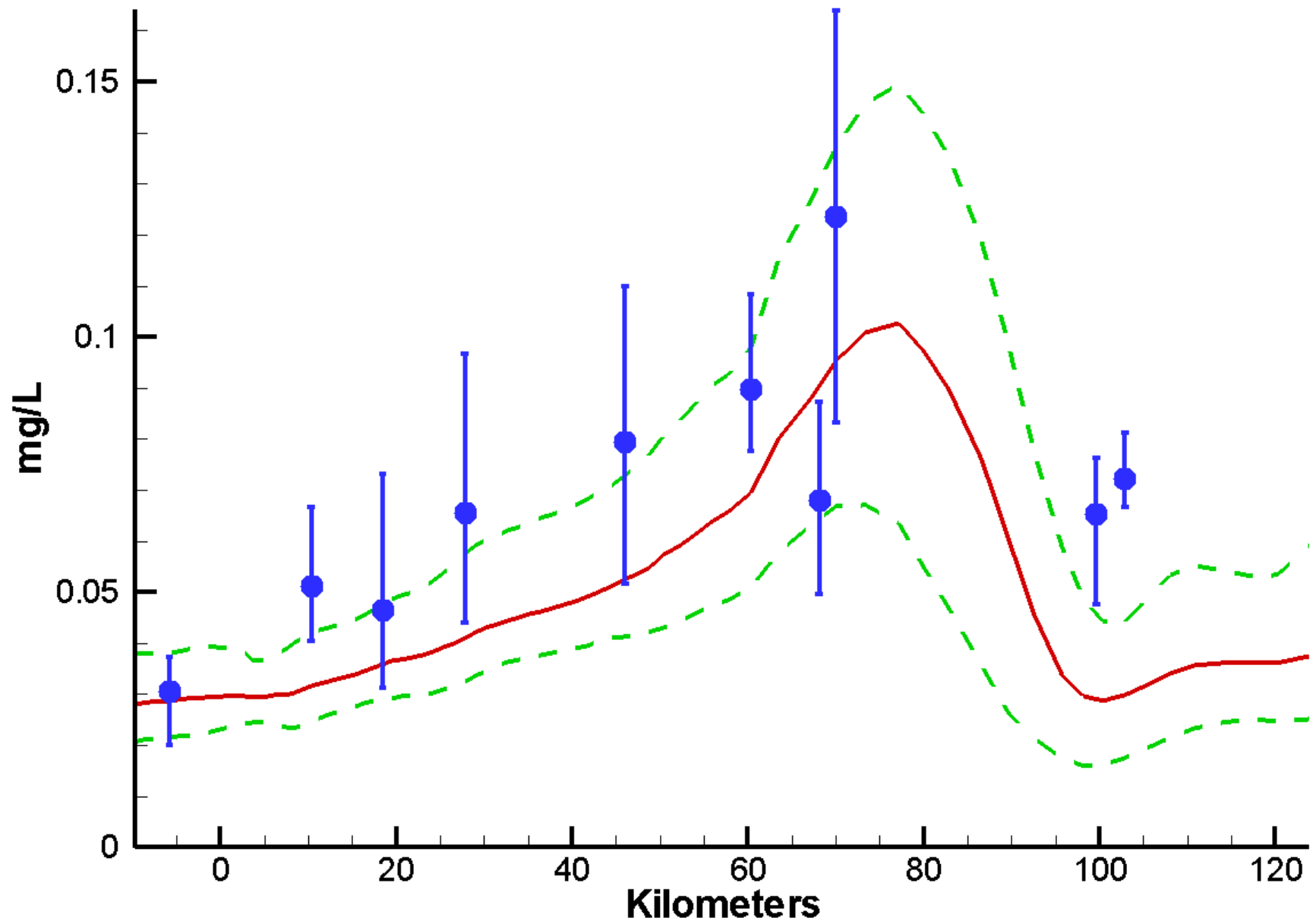
# York River Ches2015 Run118

## Bottom Total Phosphorus Summer 1999



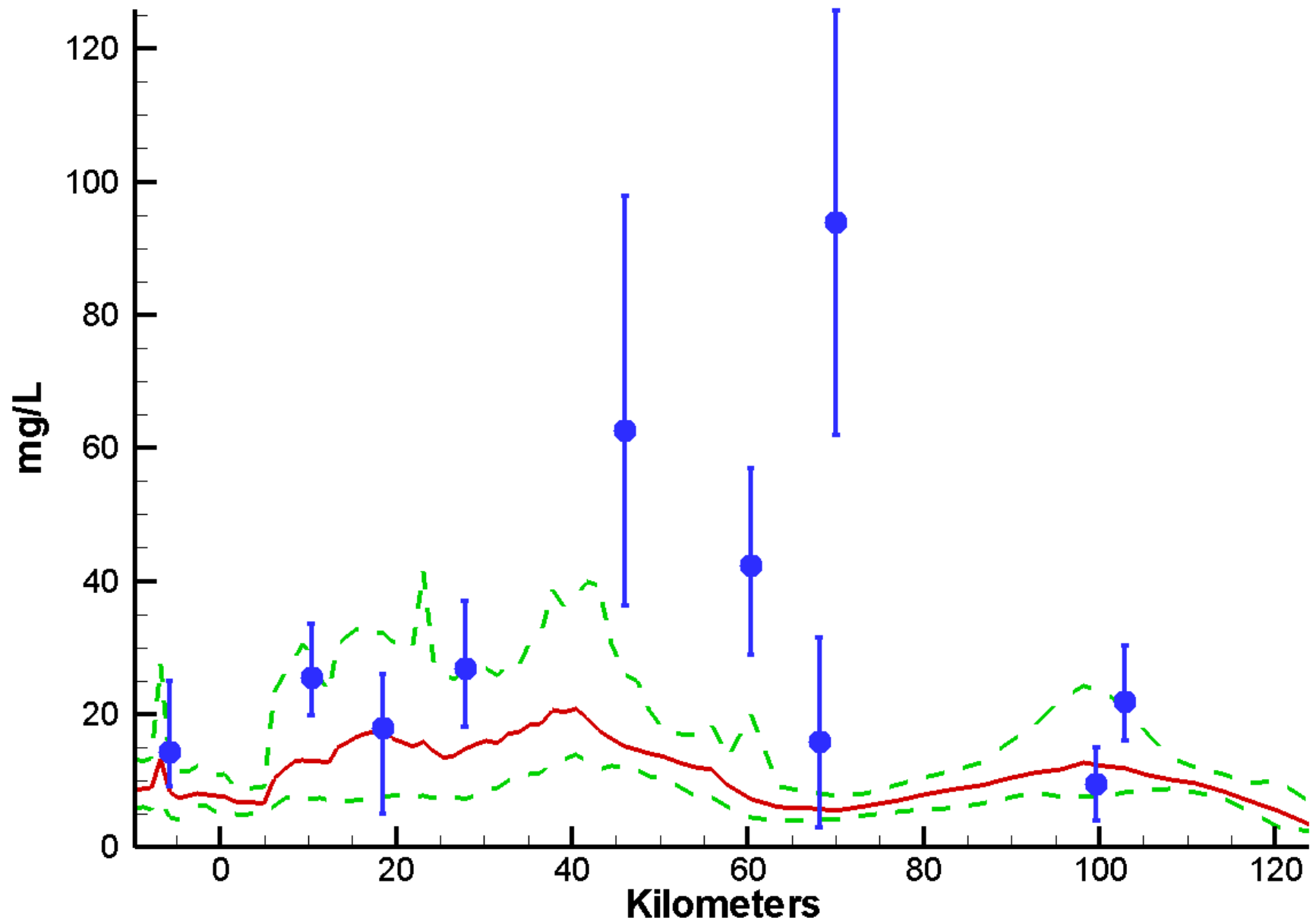
# York River Ches2015 Run118

## Surface Total Phosphorus Summer 1999



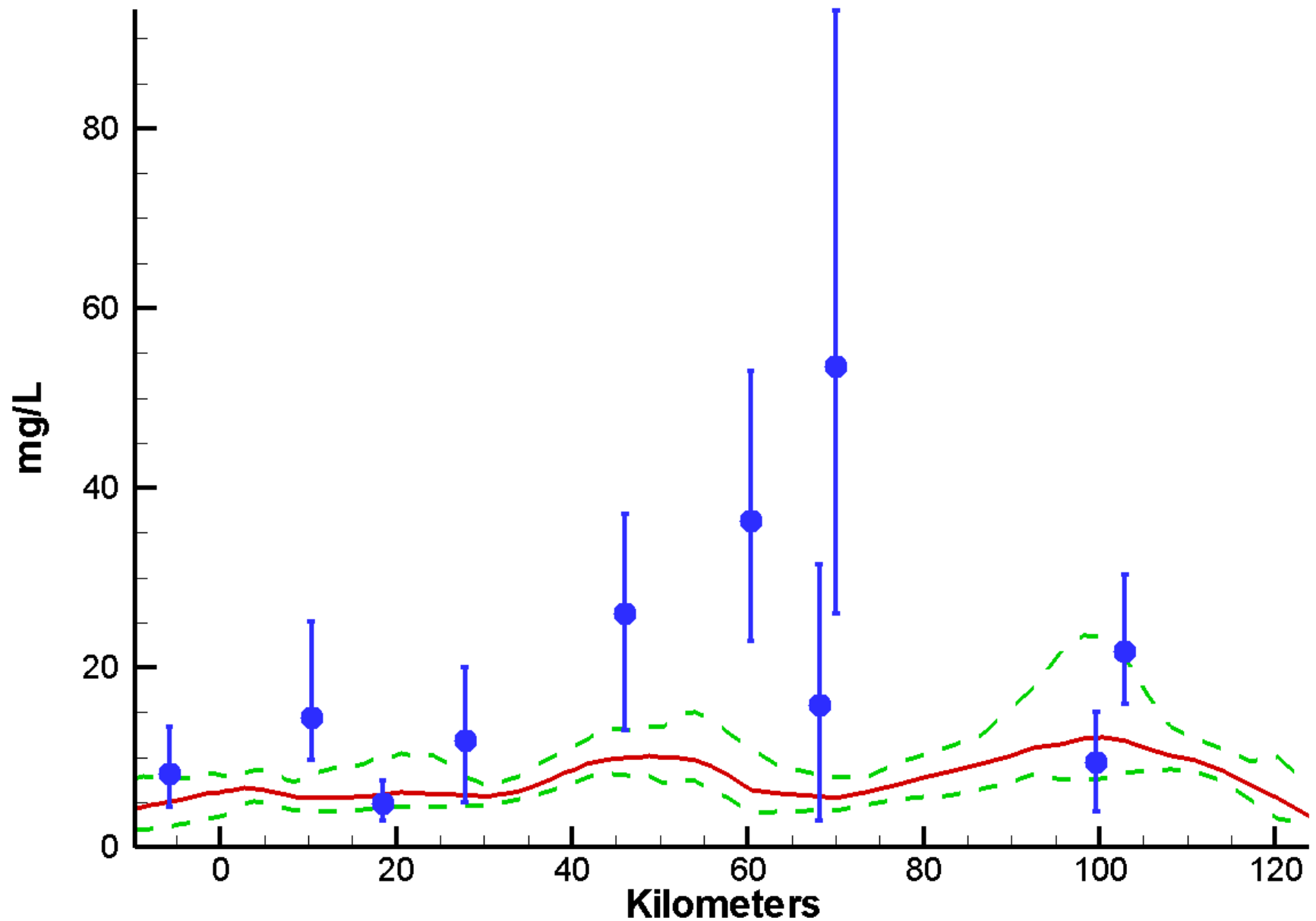
# York River Ches2015 Run118

## Bottom Total Suspended Solids Summer 1999



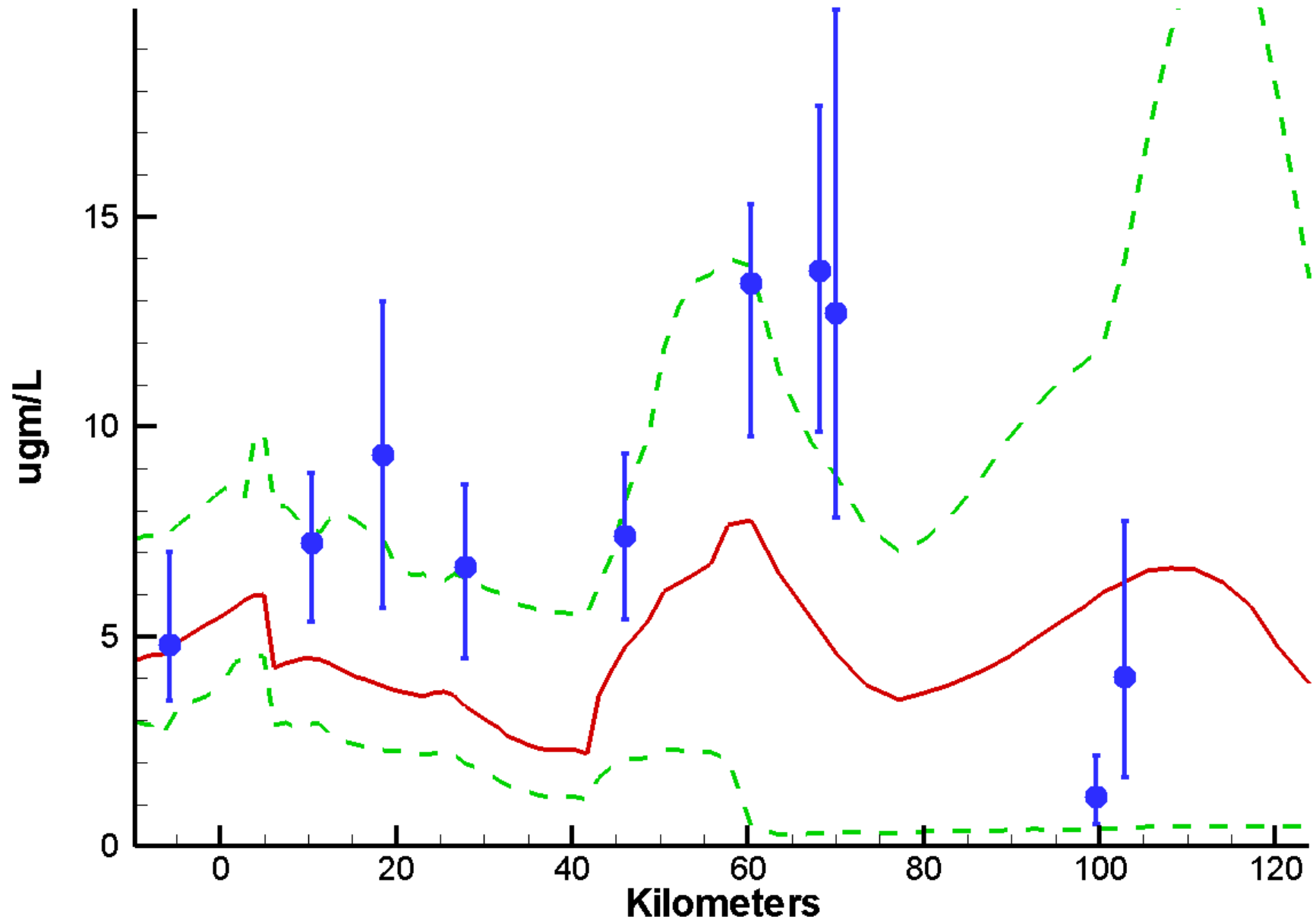
# York River Ches2015 Run118

## Surface Total Suspended Solids Summer 1999



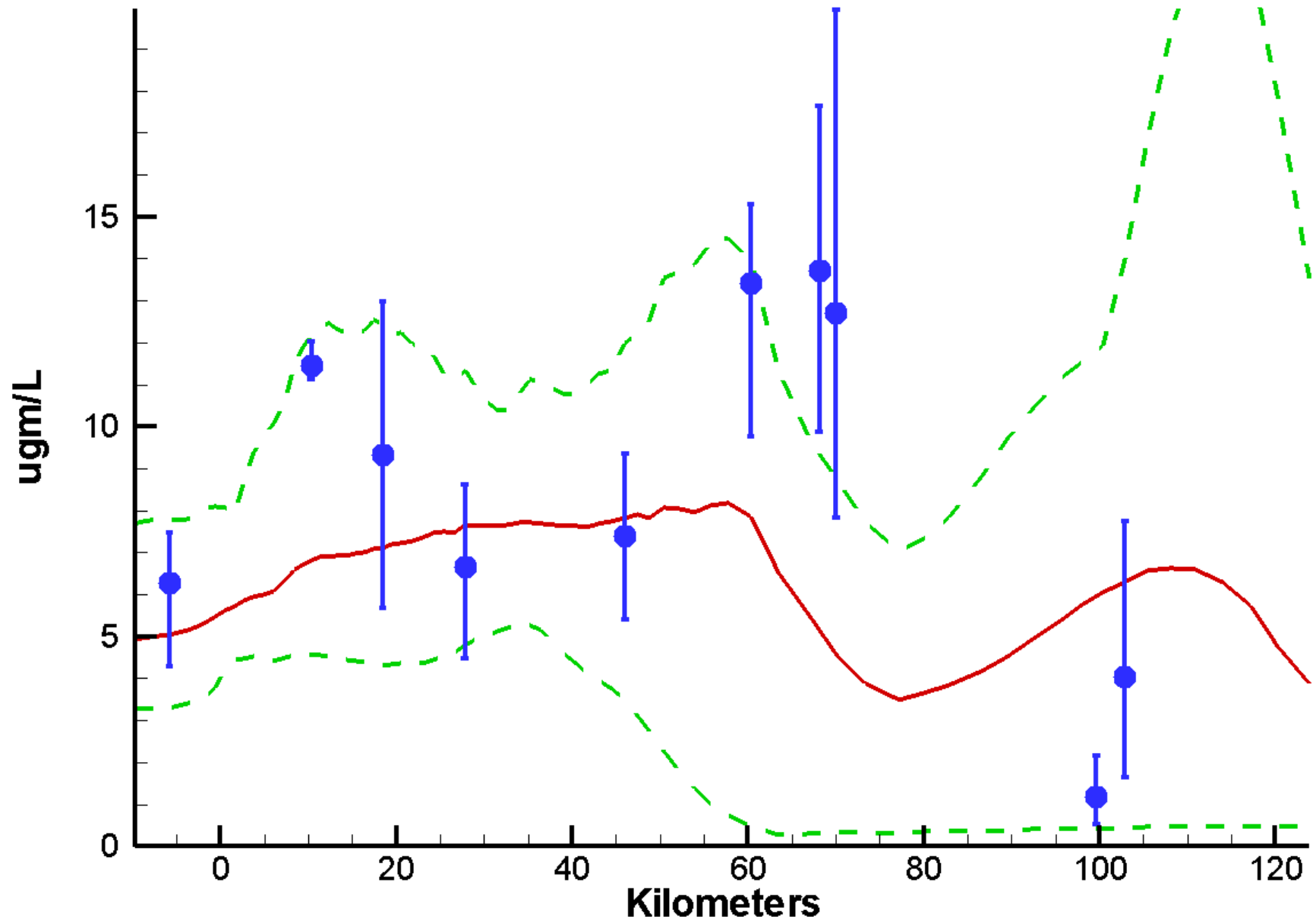
# York River Ches2015 Run118

## Bottom Chlorophyll Fall 1999



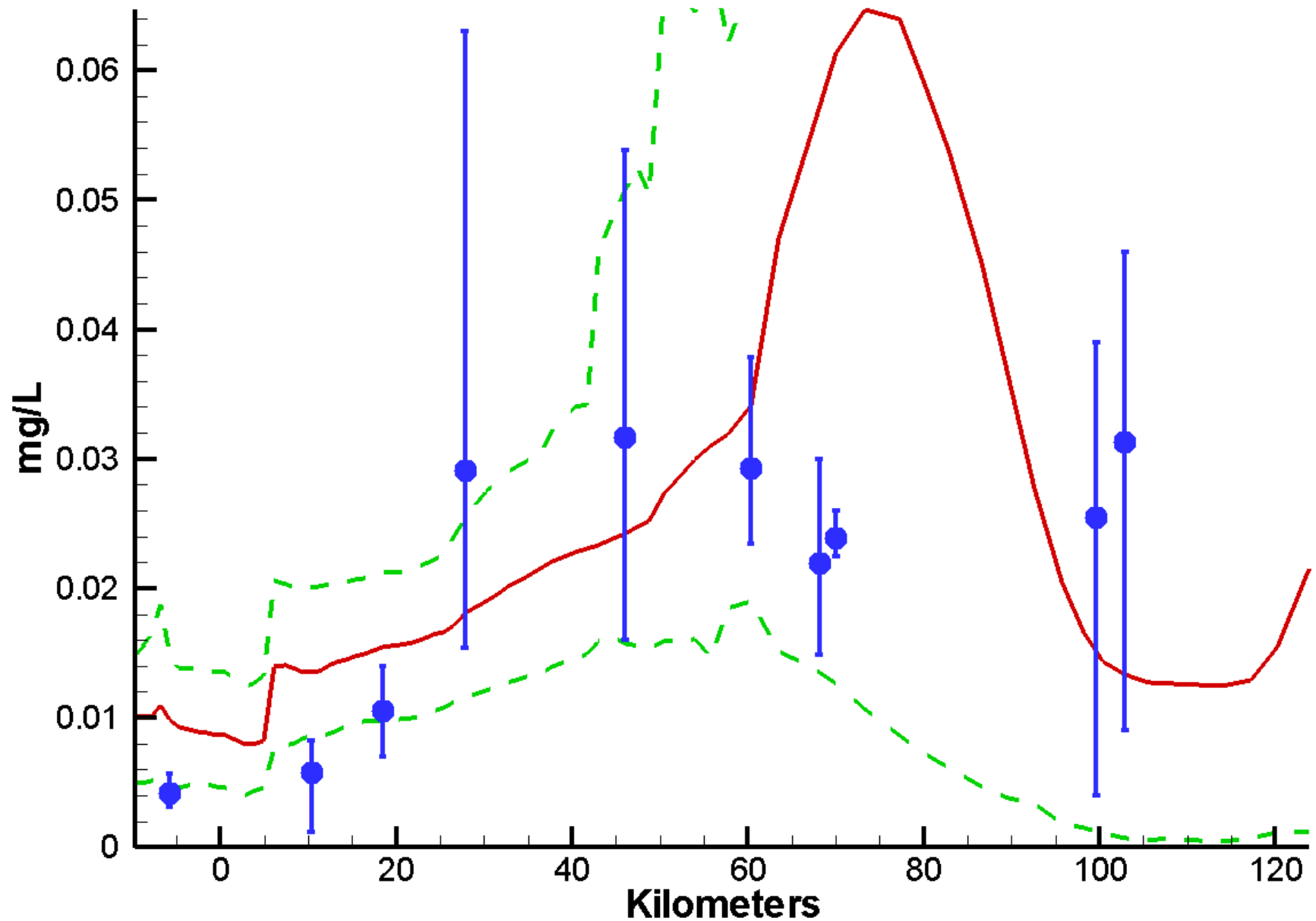
# York River Ches2015 Run118

## Surface Chlorophyll Fall 1999



# York River Ches2015 Run118

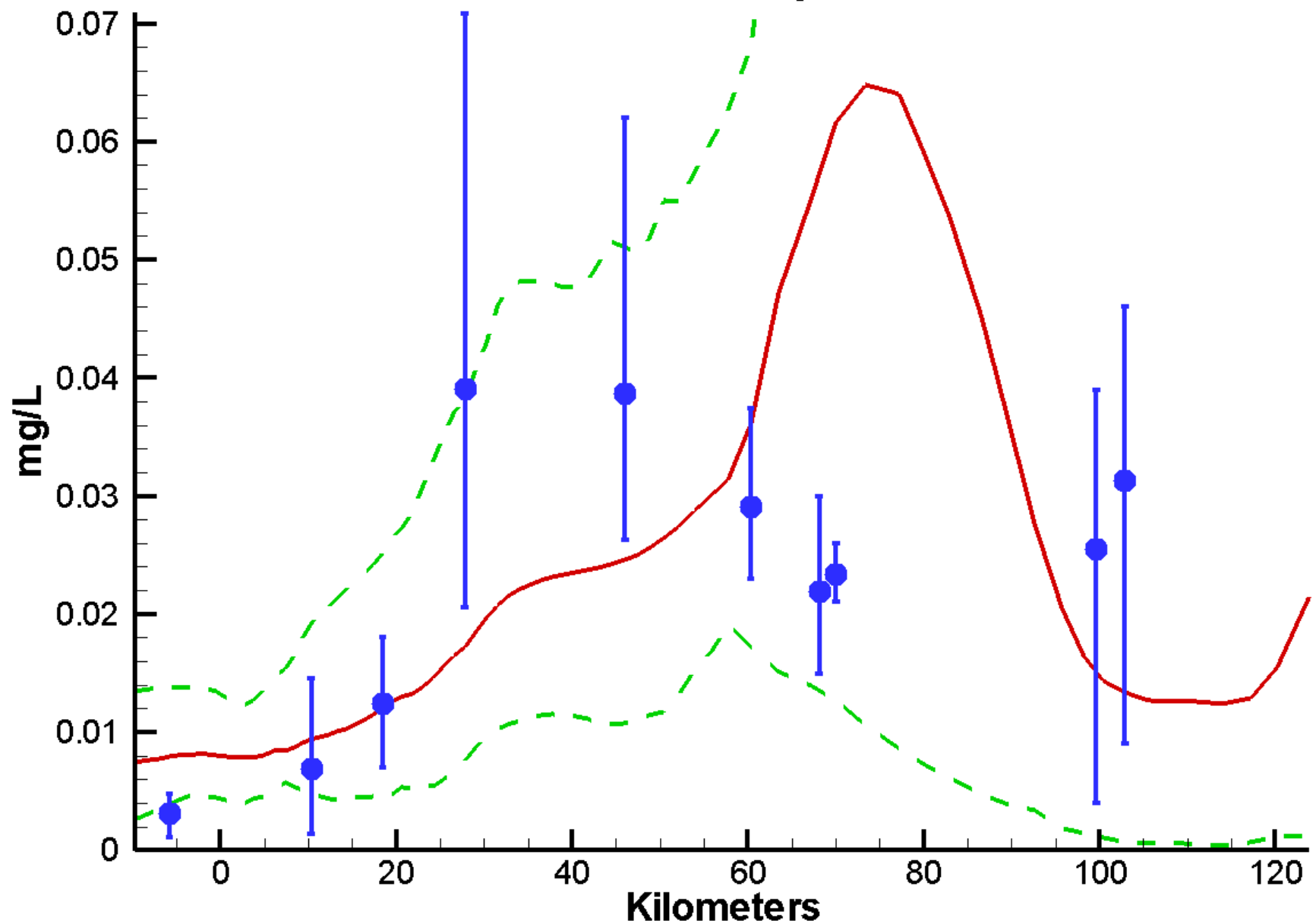
## Bottom Dissolved Phosphate Fall 1999



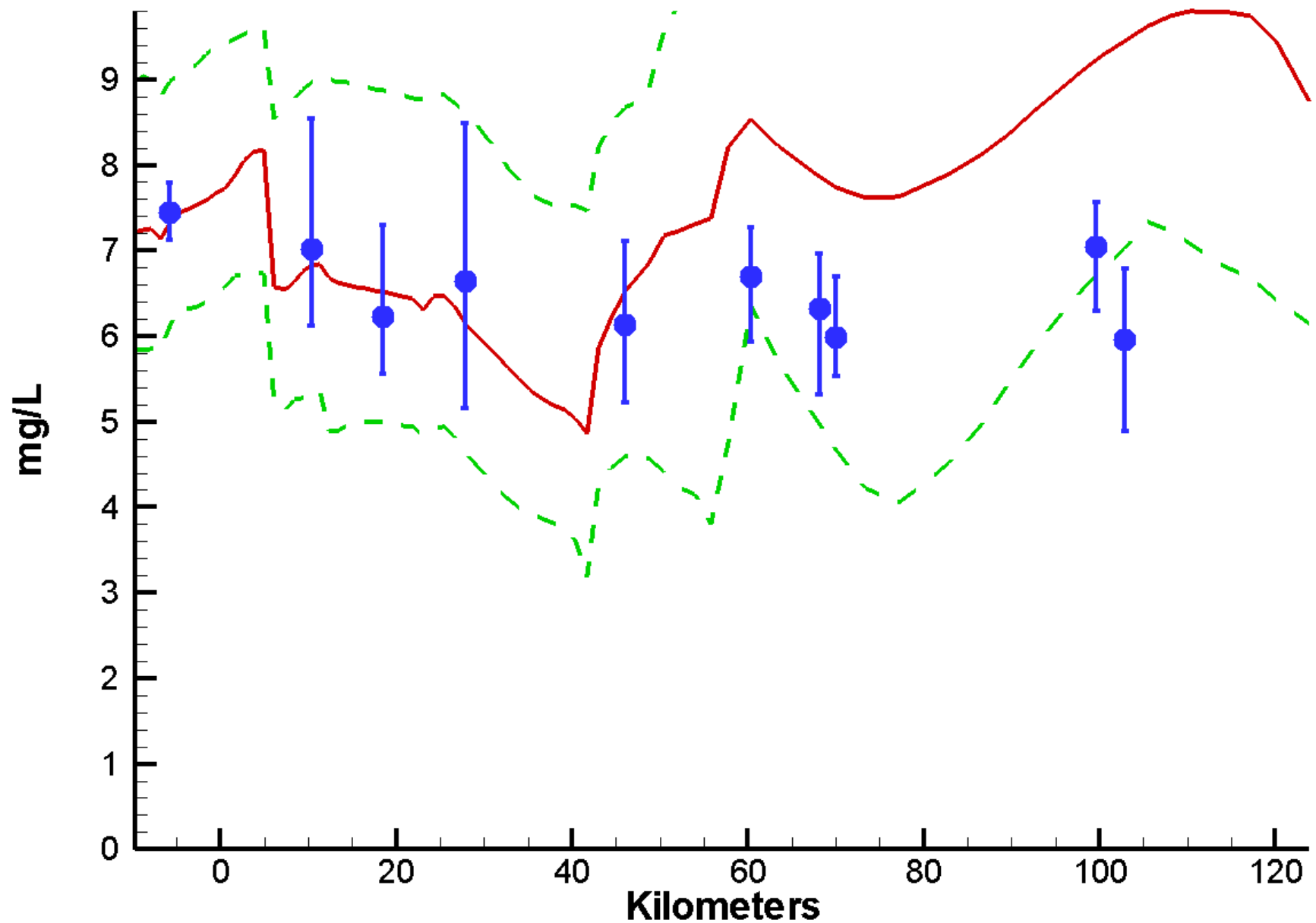


# York River Ches2015 Run118

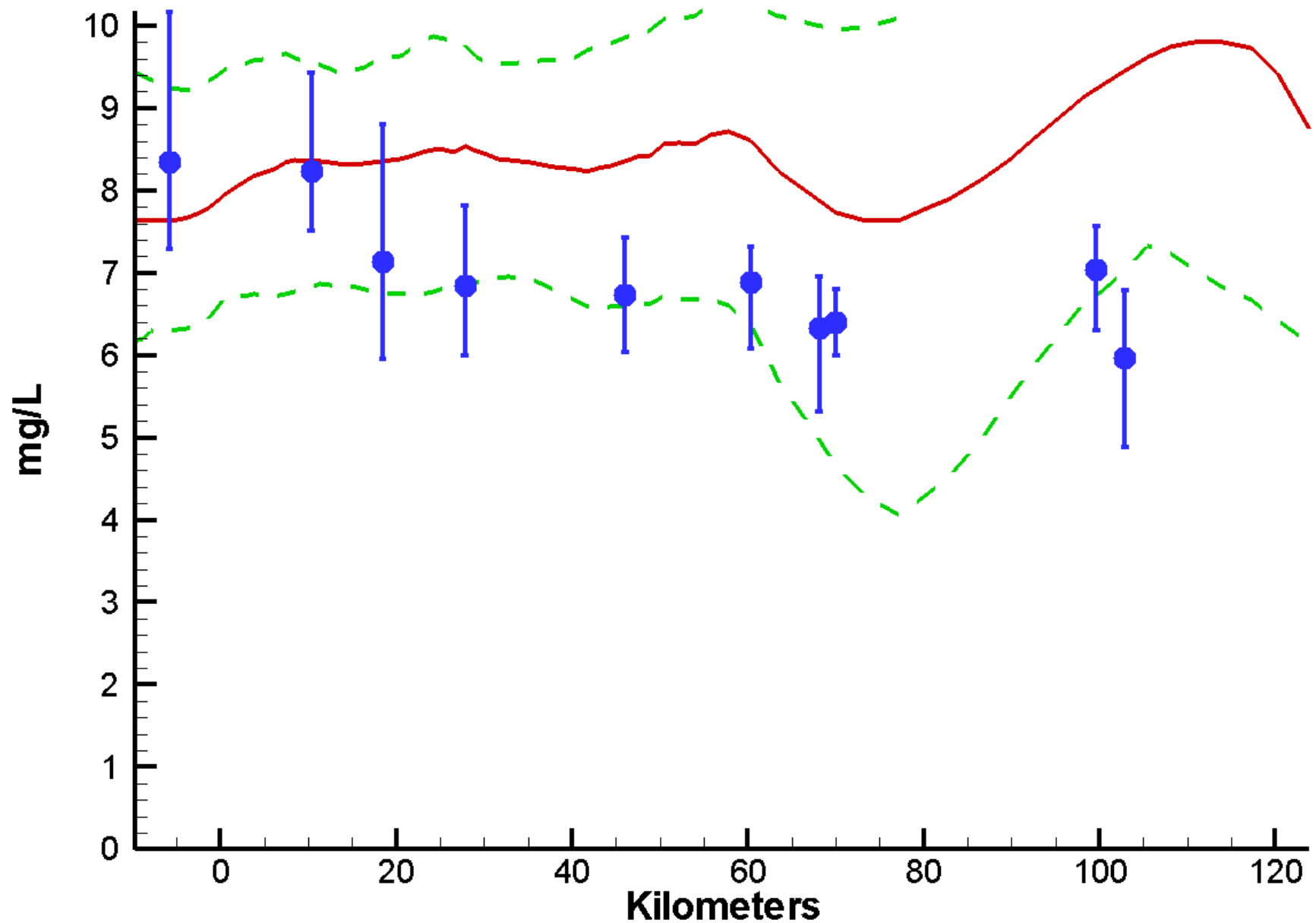
## Surface Dissolved Phosphate Fall 1999



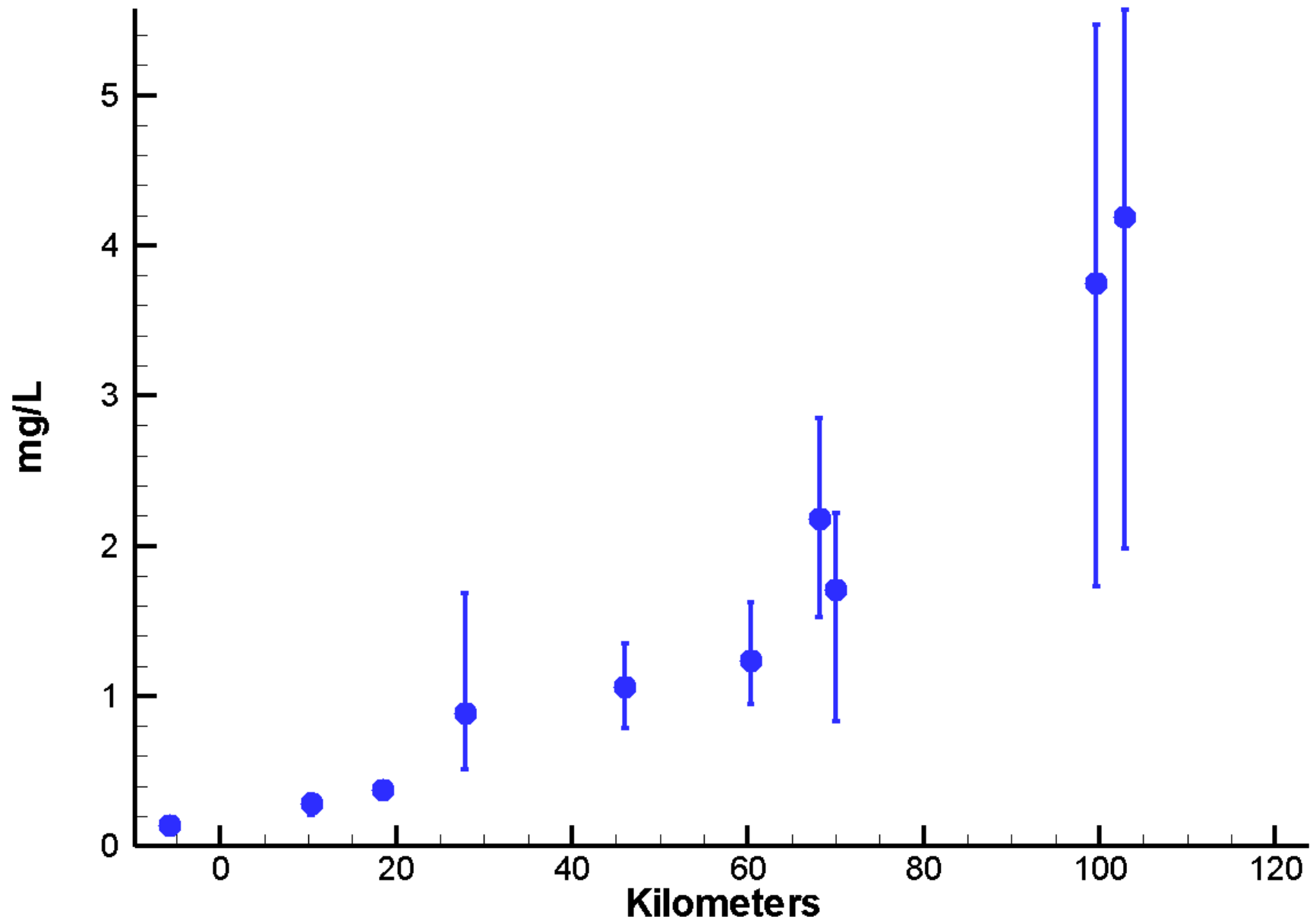
# York River Ches2015 Run118 Bottom Dissolved Oxygen Fall 1999



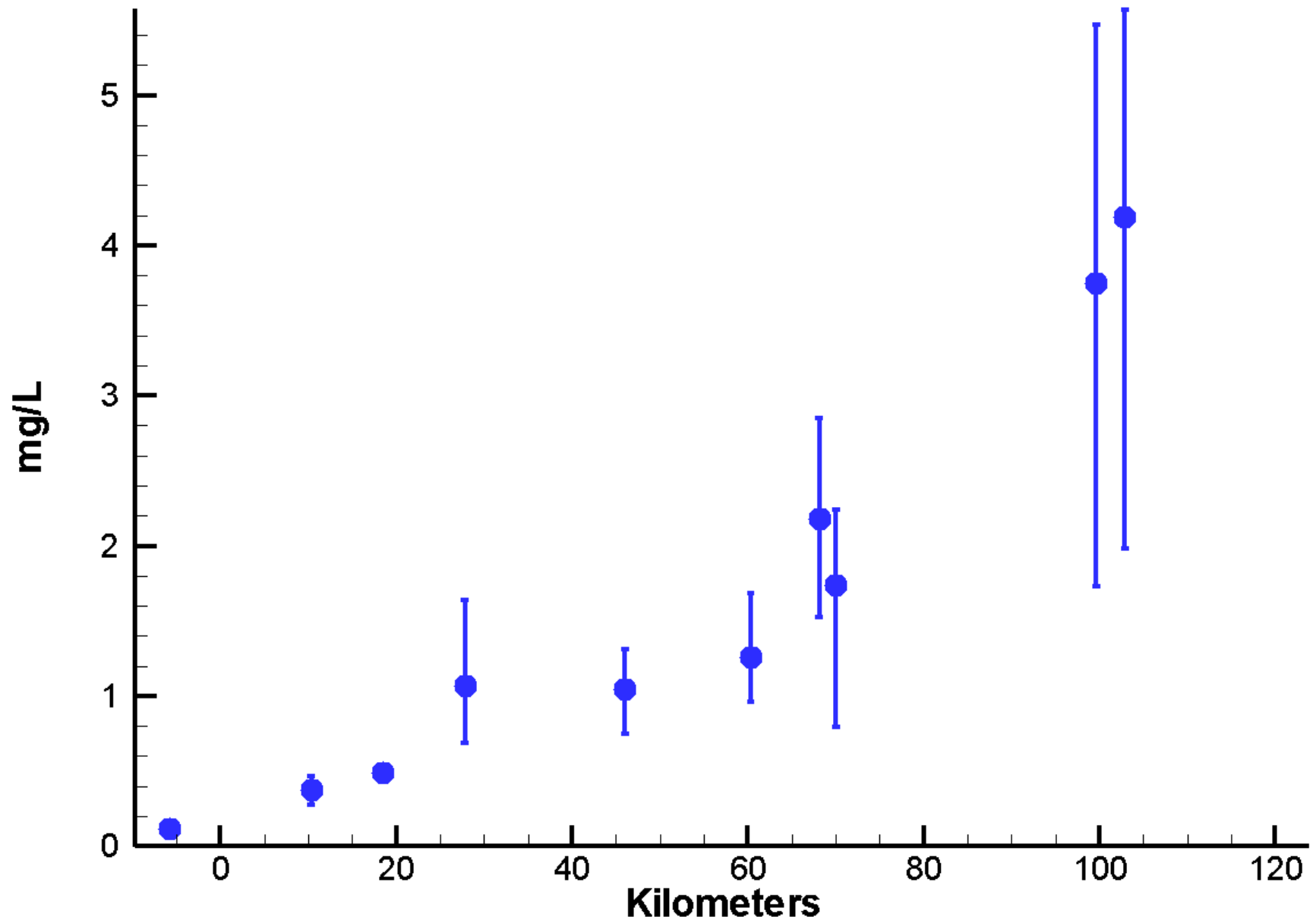
# York River Ches2015 Run118 Surface Dissolved Oxygen Fall 1999



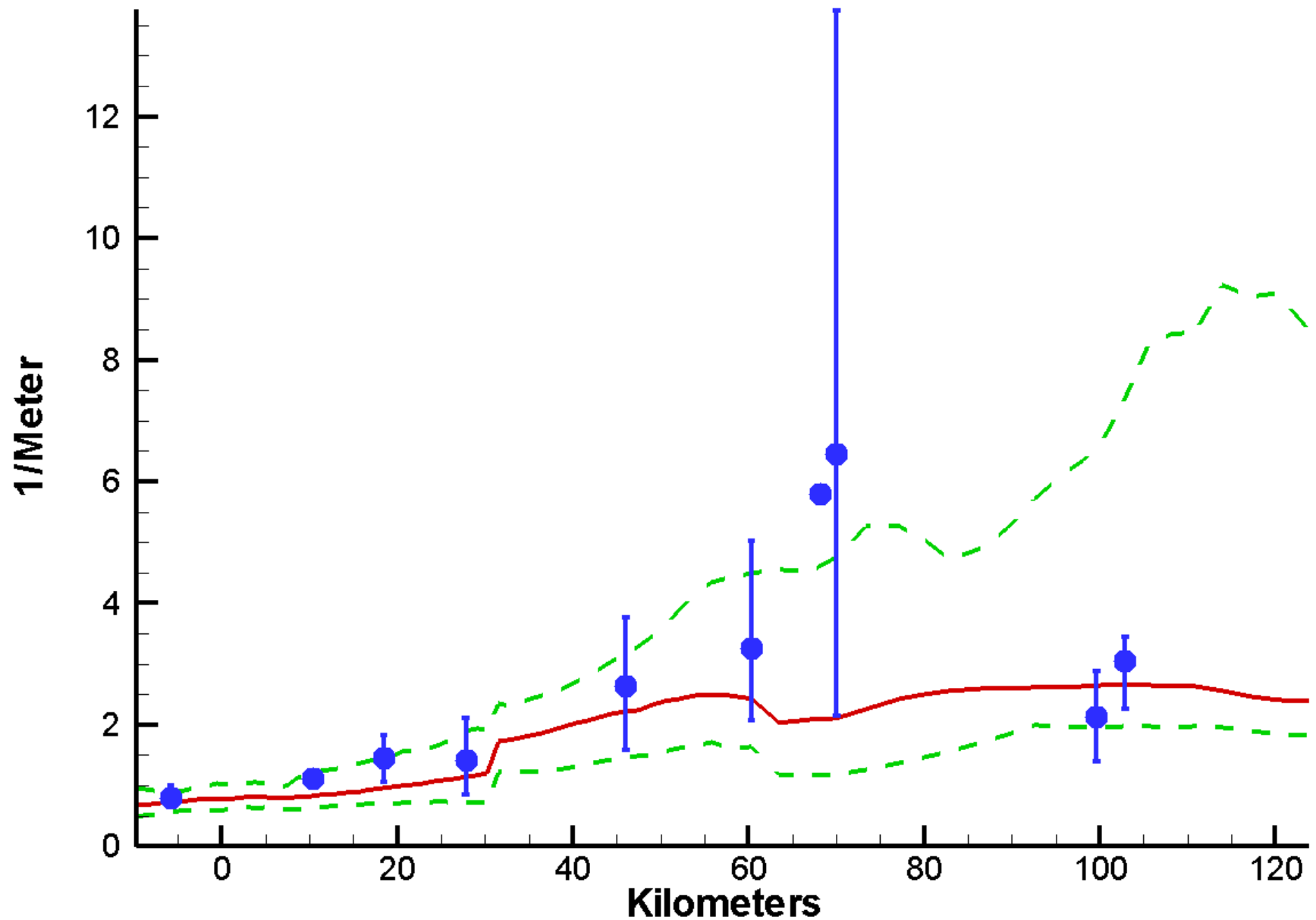
# York River Ches2015 Run118 Bottom Dissolved Silica Fall 1999



# York River Ches2015 Run118 Surface Dissolved Silica Fall 1999

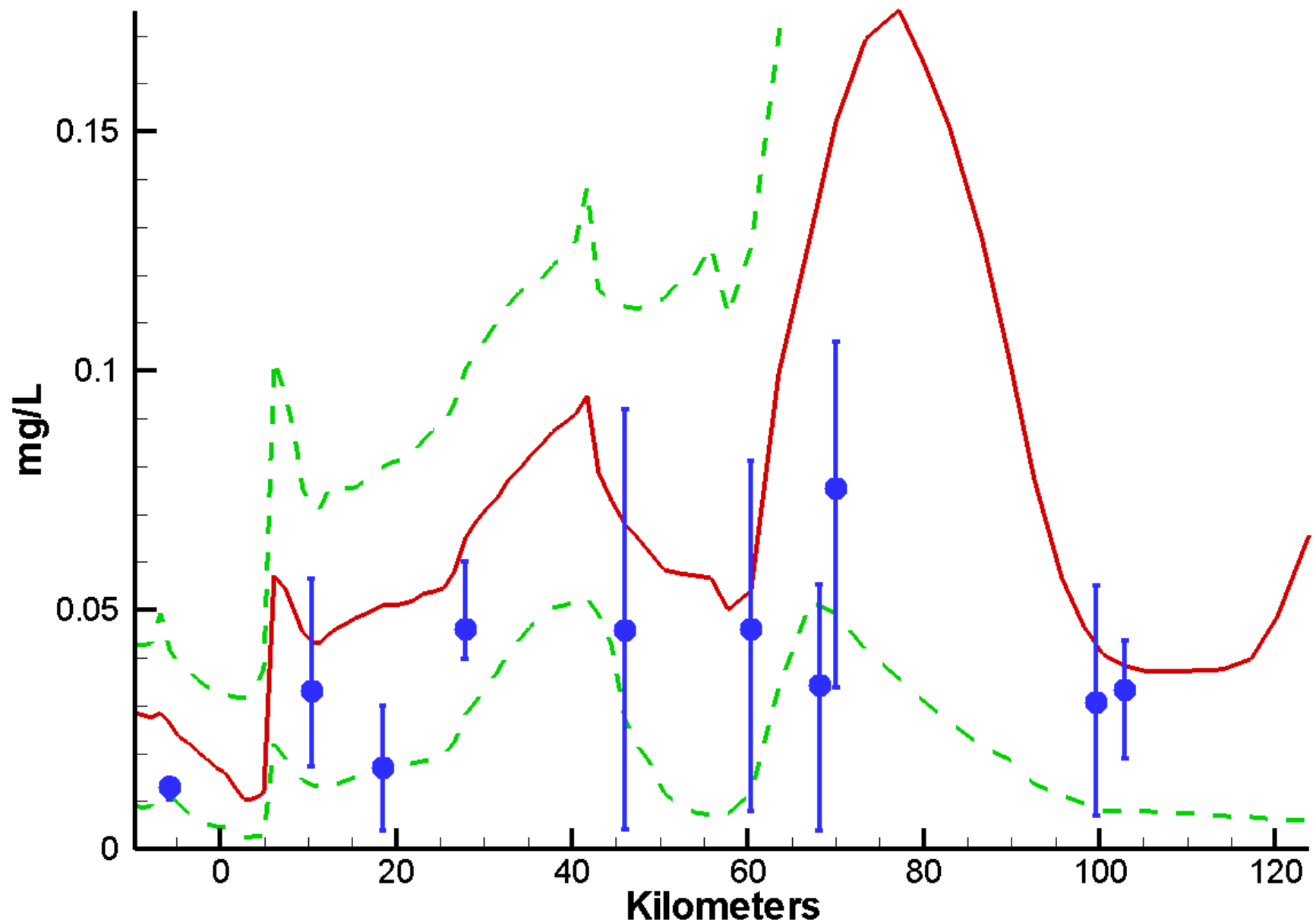


# York River Ches2015 Run118 Surface Light Extinction Fall 1999

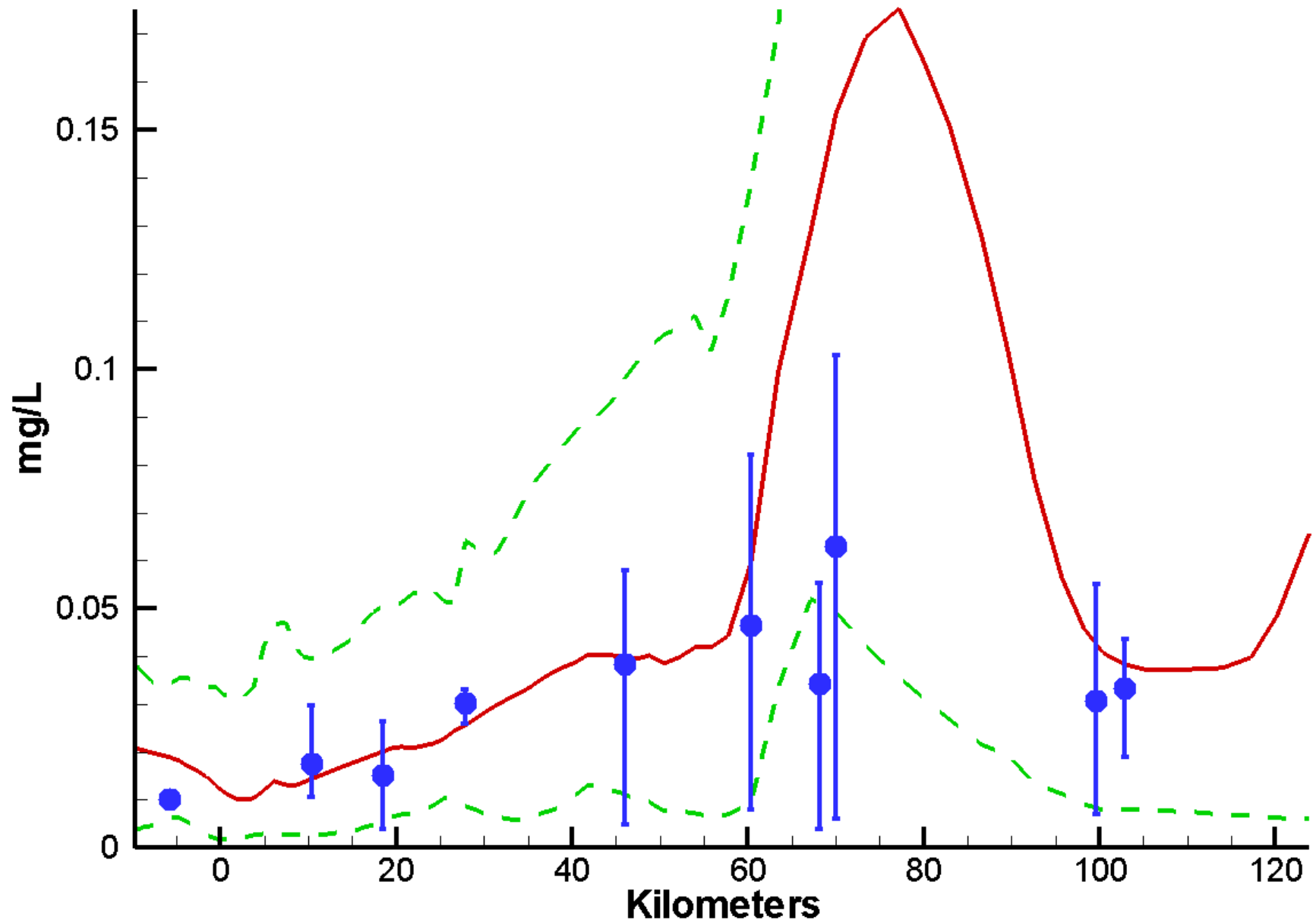


# York River Ches2015 Run118

## Bottom Ammonium Fall 1999



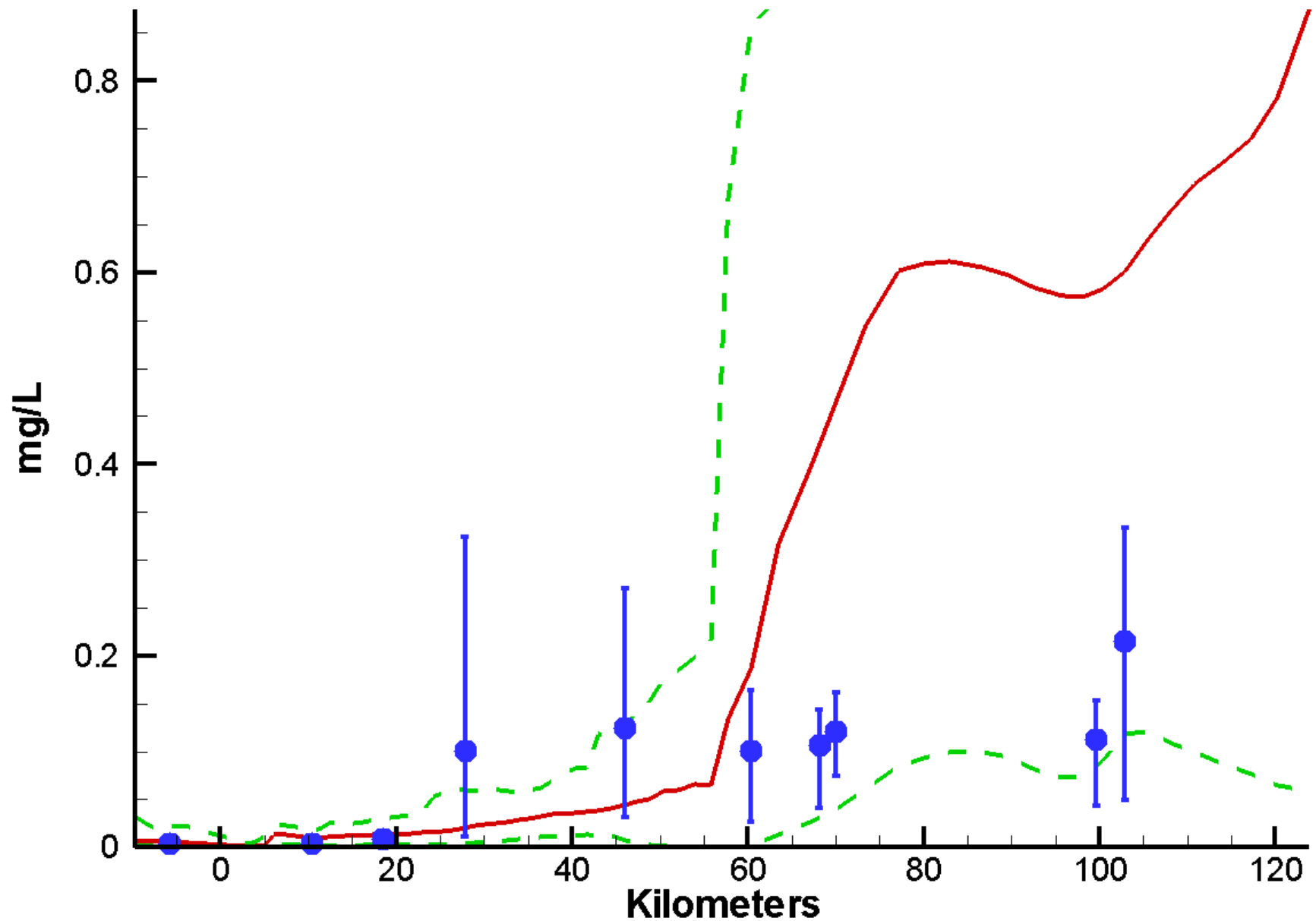
# York River Ches2015 Run118 Surface Ammonium Fall 1999





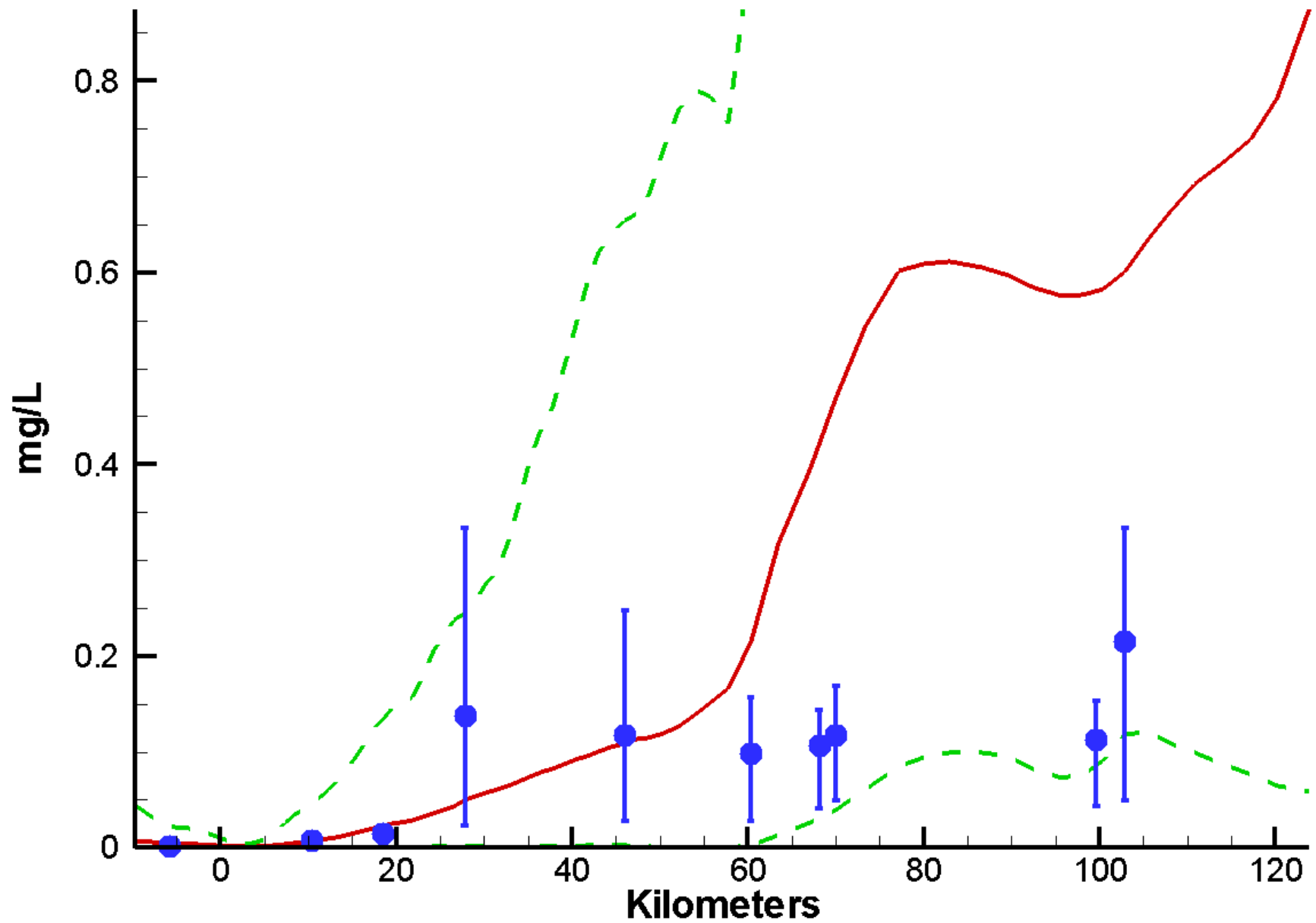
# York River Ches2015 Run118

## Bottom Nitrate Fall 1999



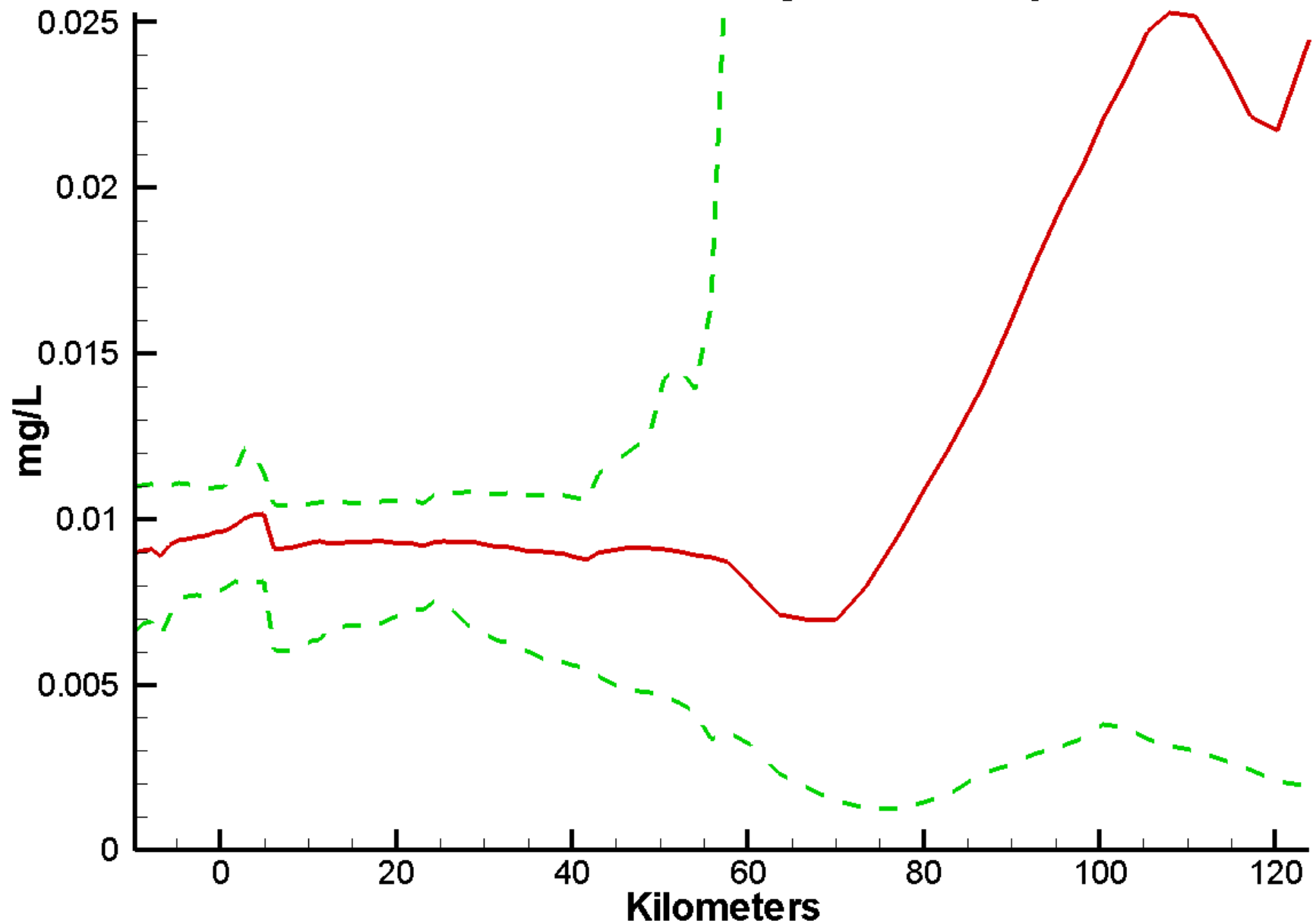
# York River Ches2015 Run118

## Surface Nitrate Fall 1999



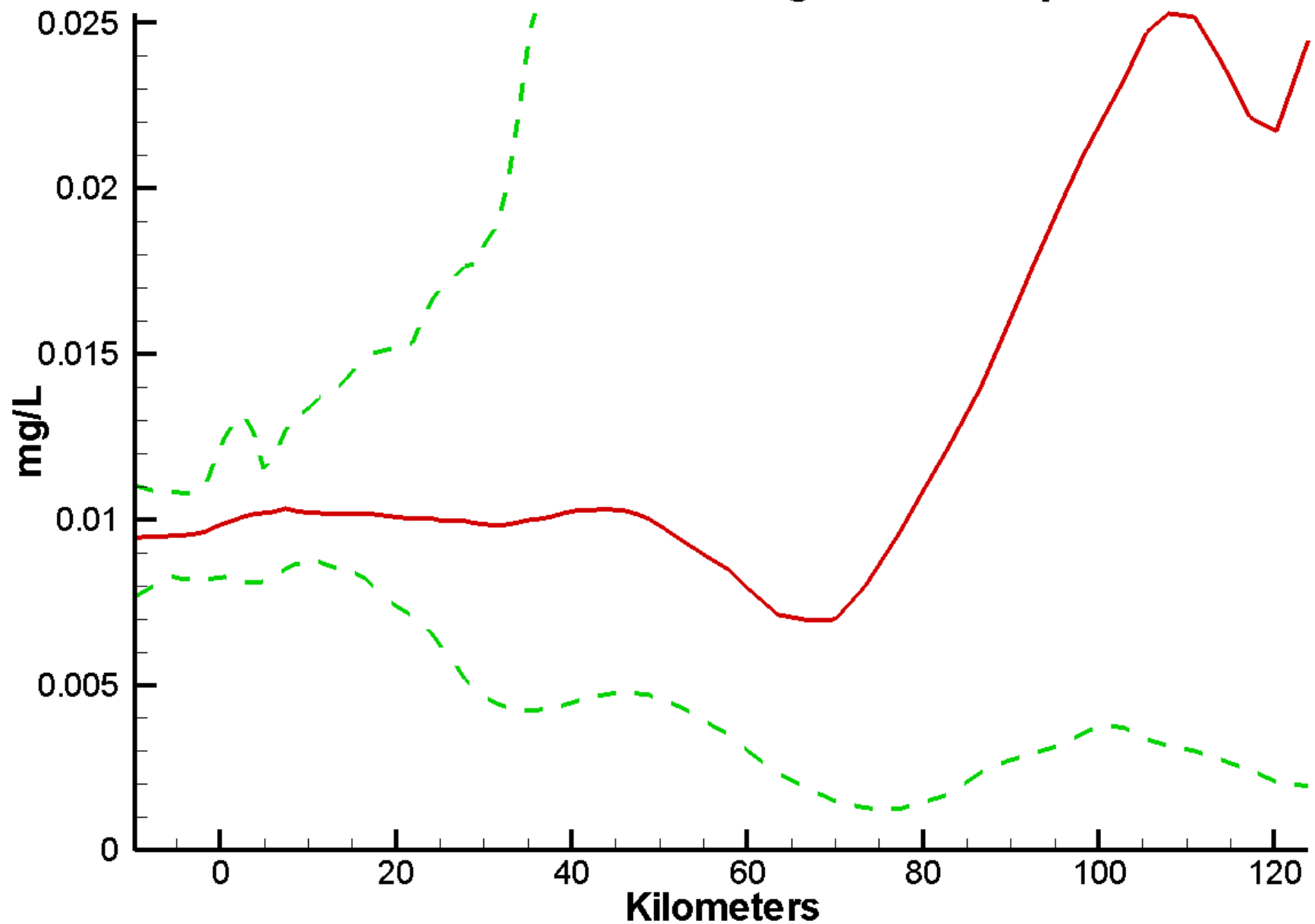
# York River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1999



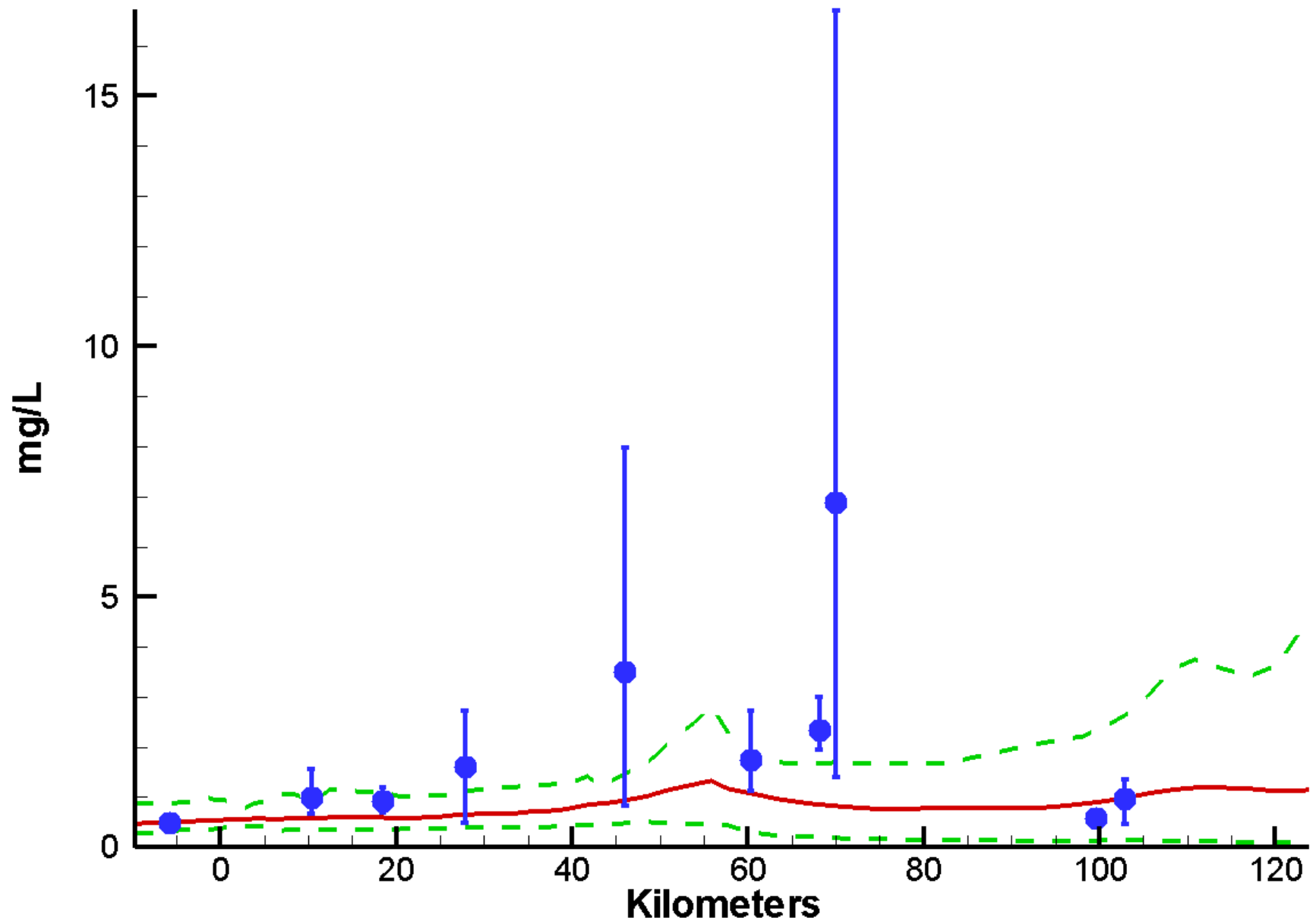
# York River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Fall 1999



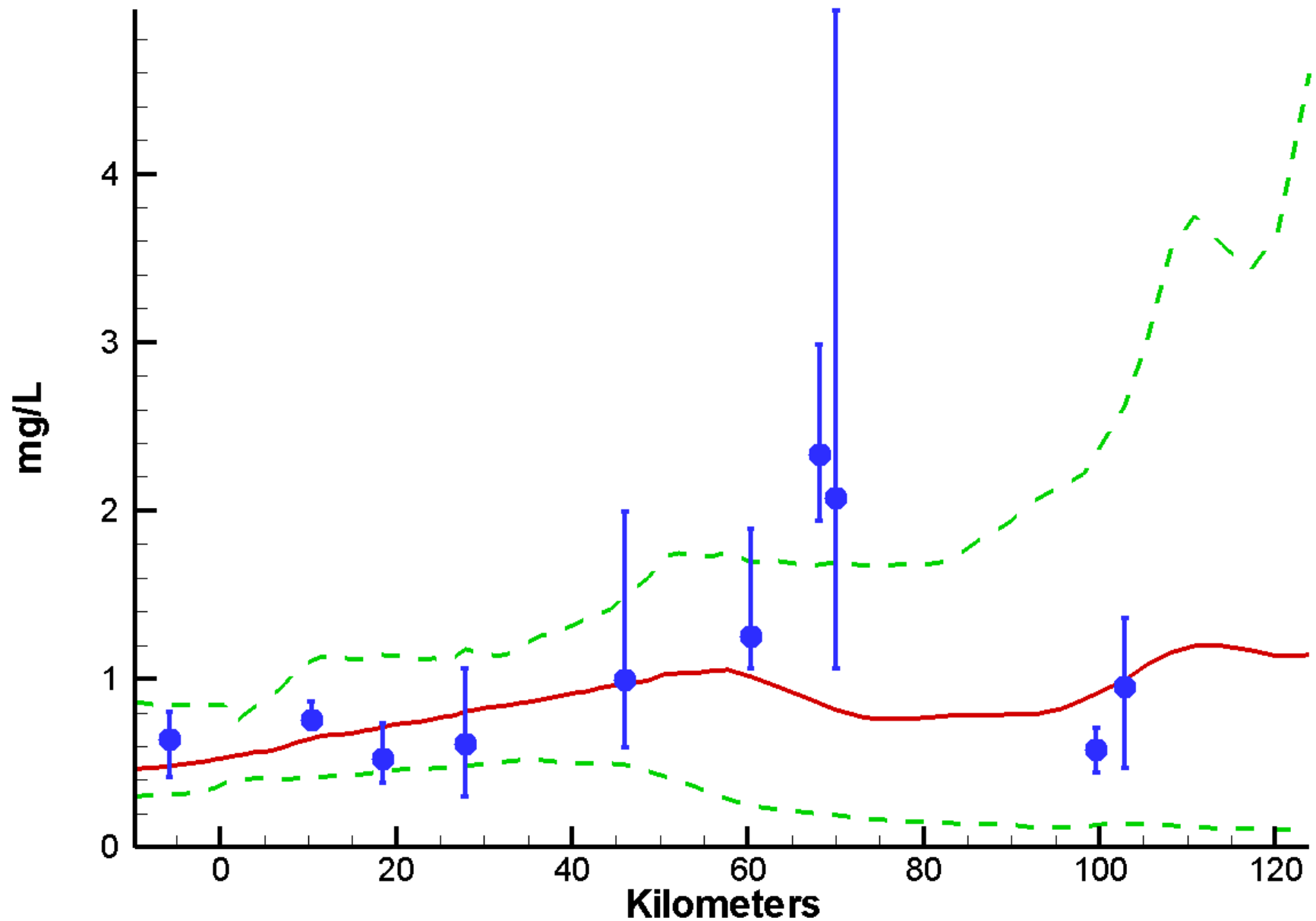
# York River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1999



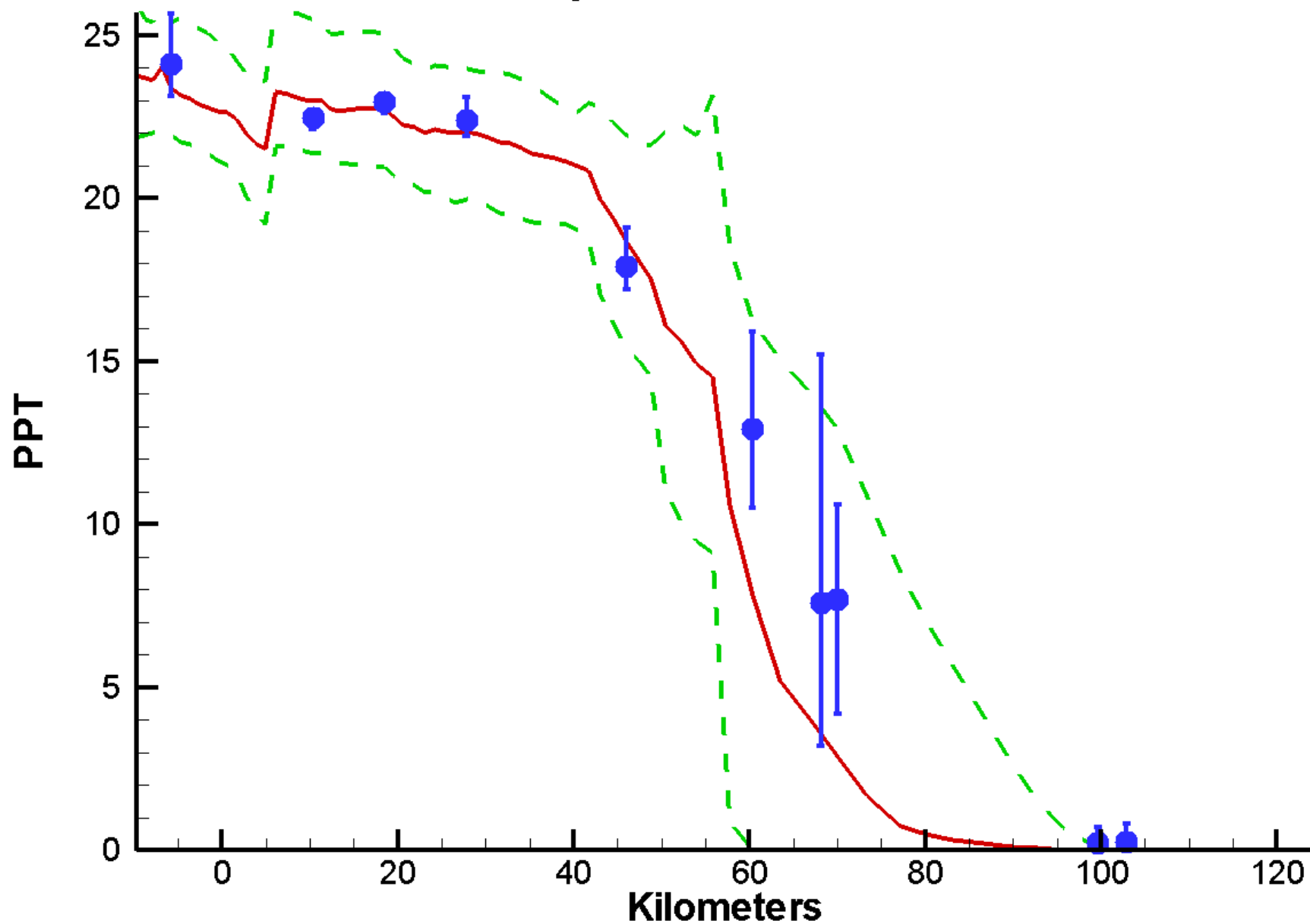
# York River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1999



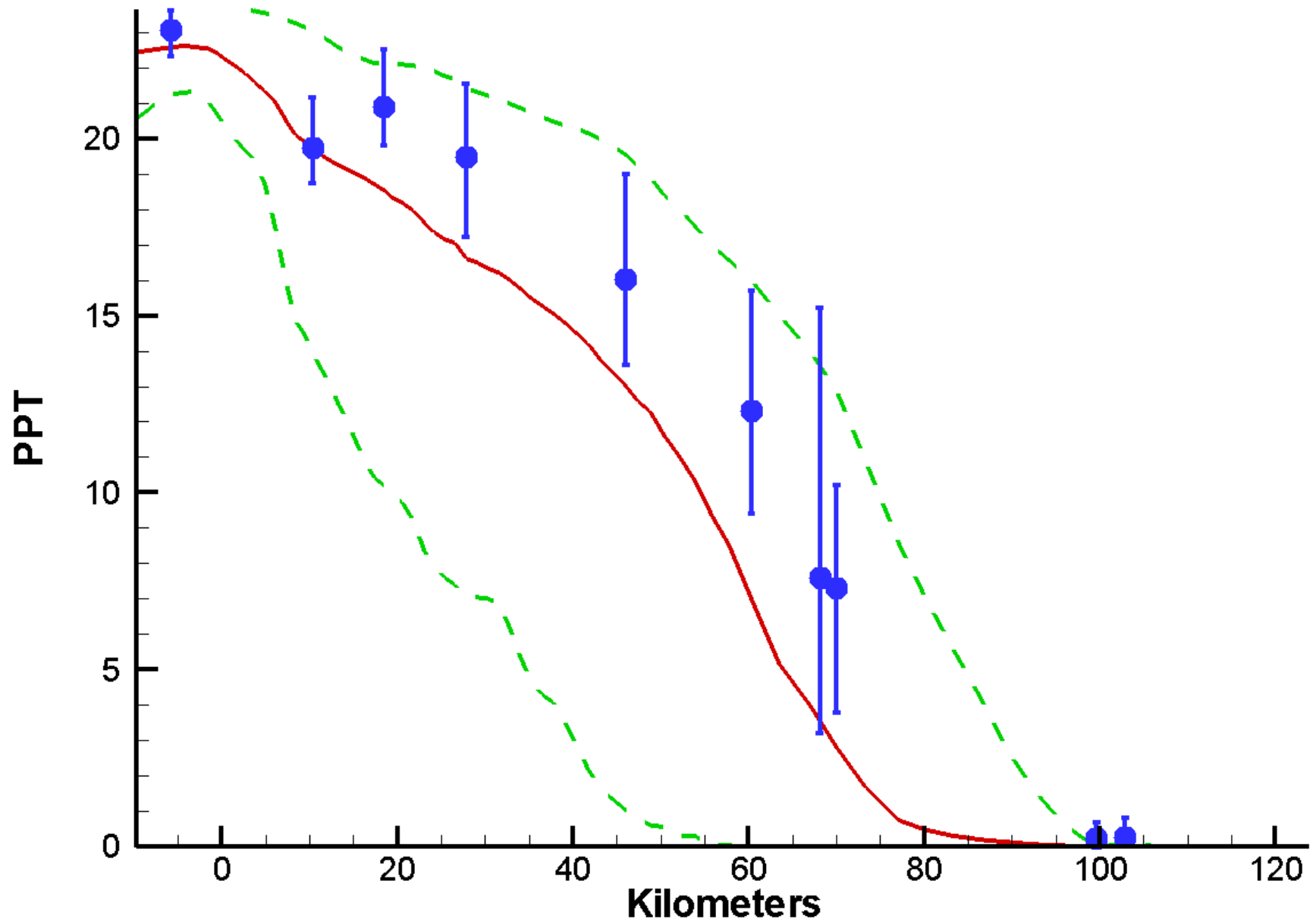
# York River Ches2015 Run118

## Bottom Salinity Fall 1999



# York River Ches2015 Run118

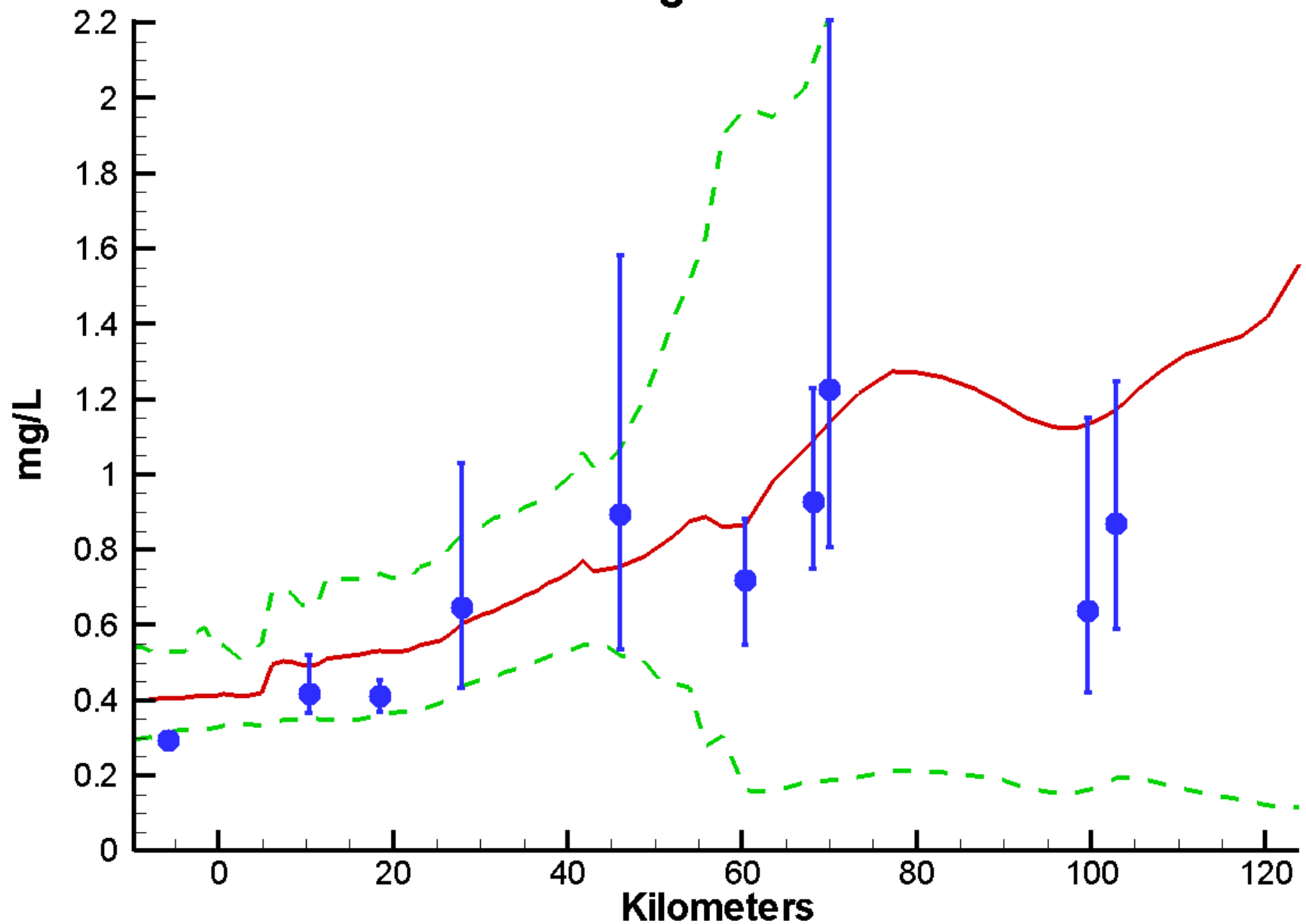
## Surface Salinity Fall 1999





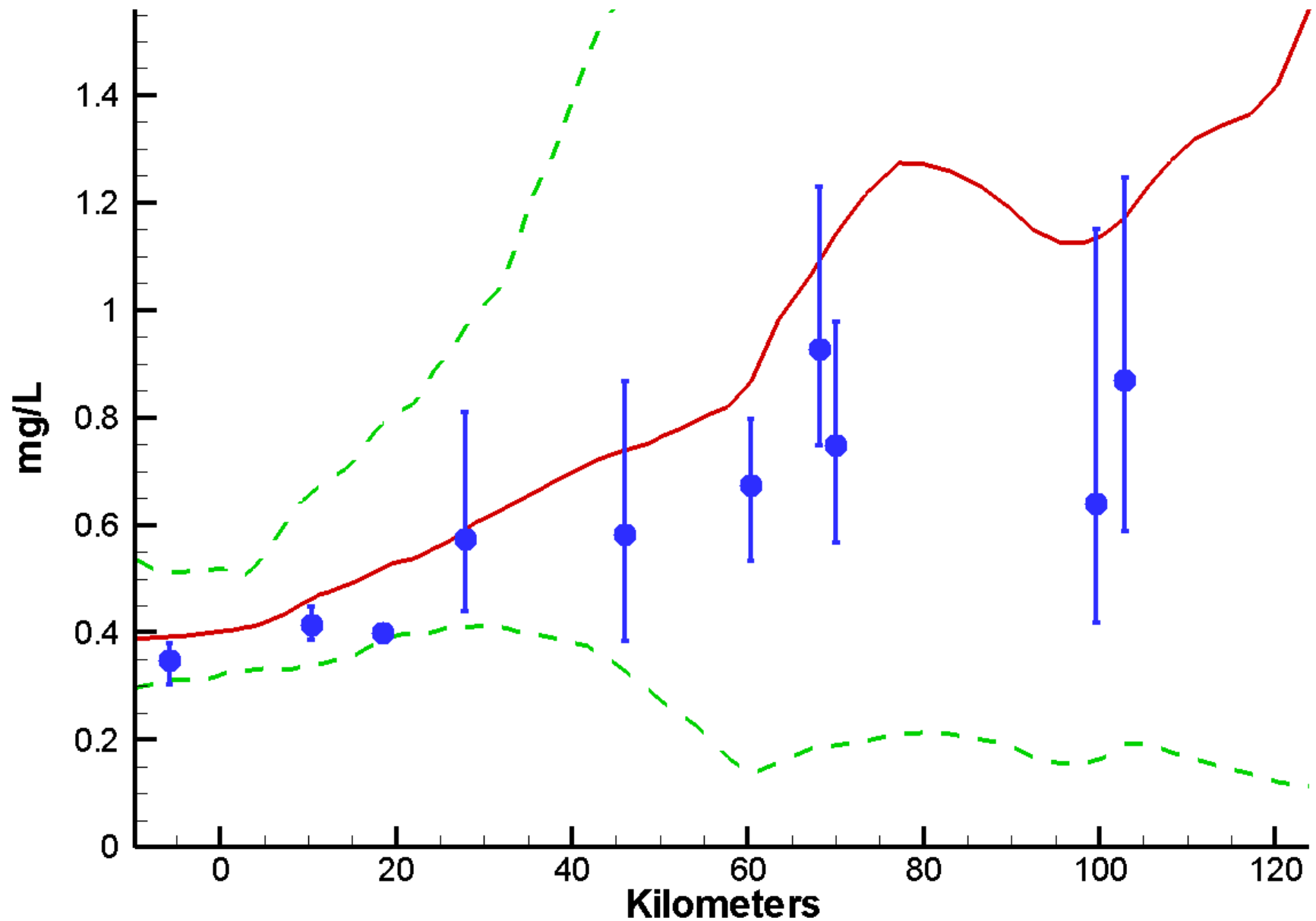
# York River Ches2015 Run118

## Bottom Total Nitrogen Fall 1999



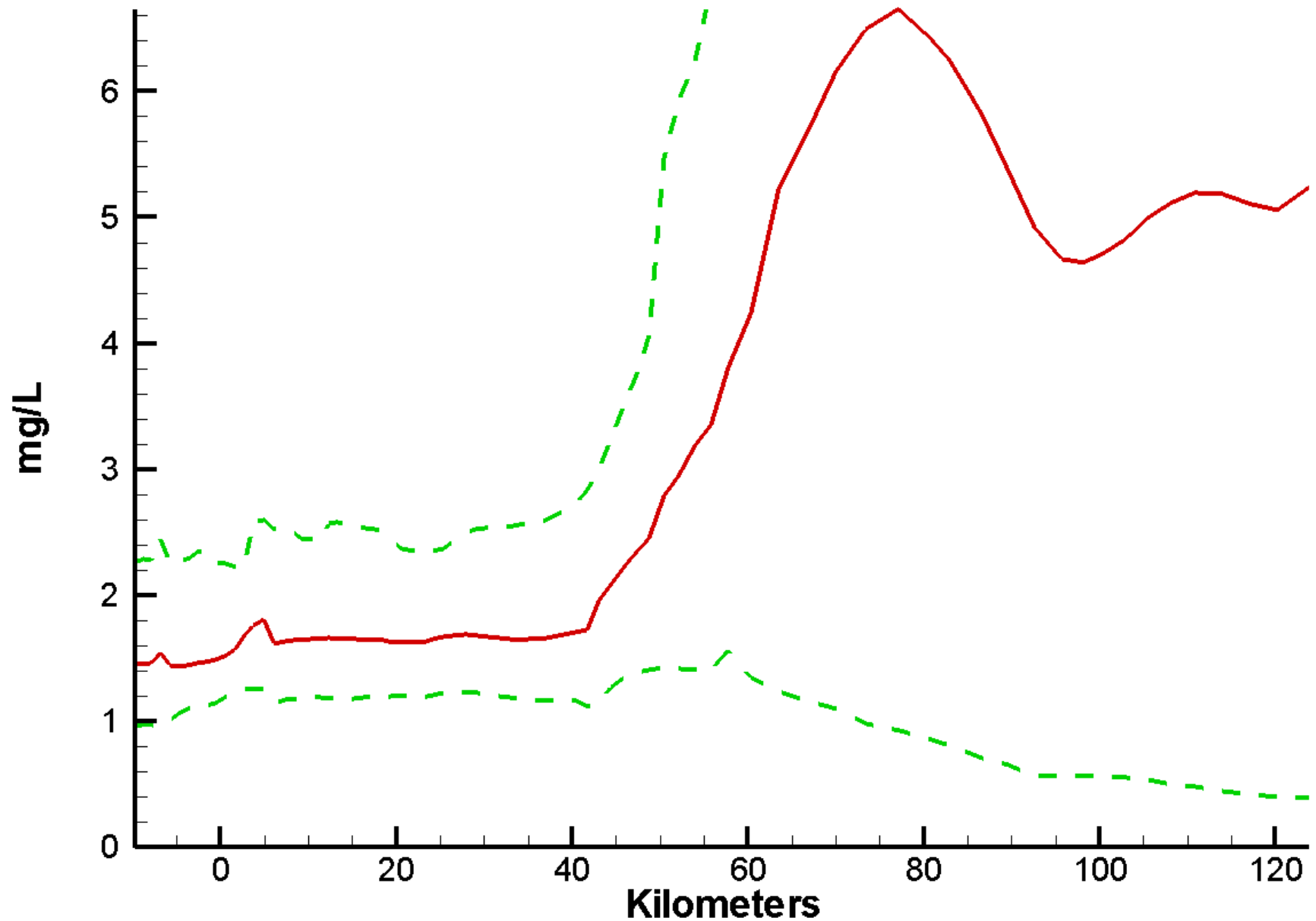
# York River Ches2015 Run118

## Surface Total Nitrogen Fall 1999



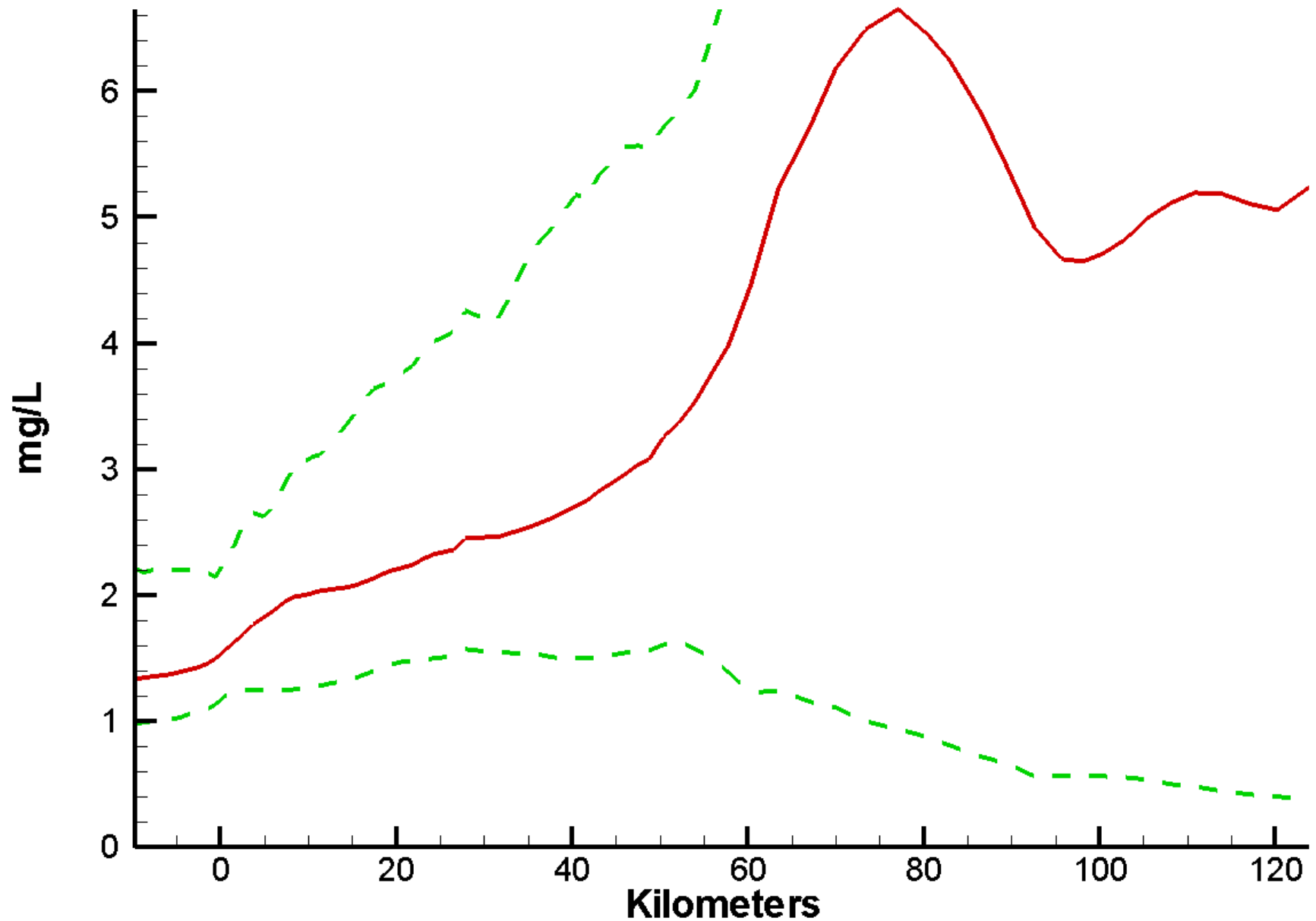
# York River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1999



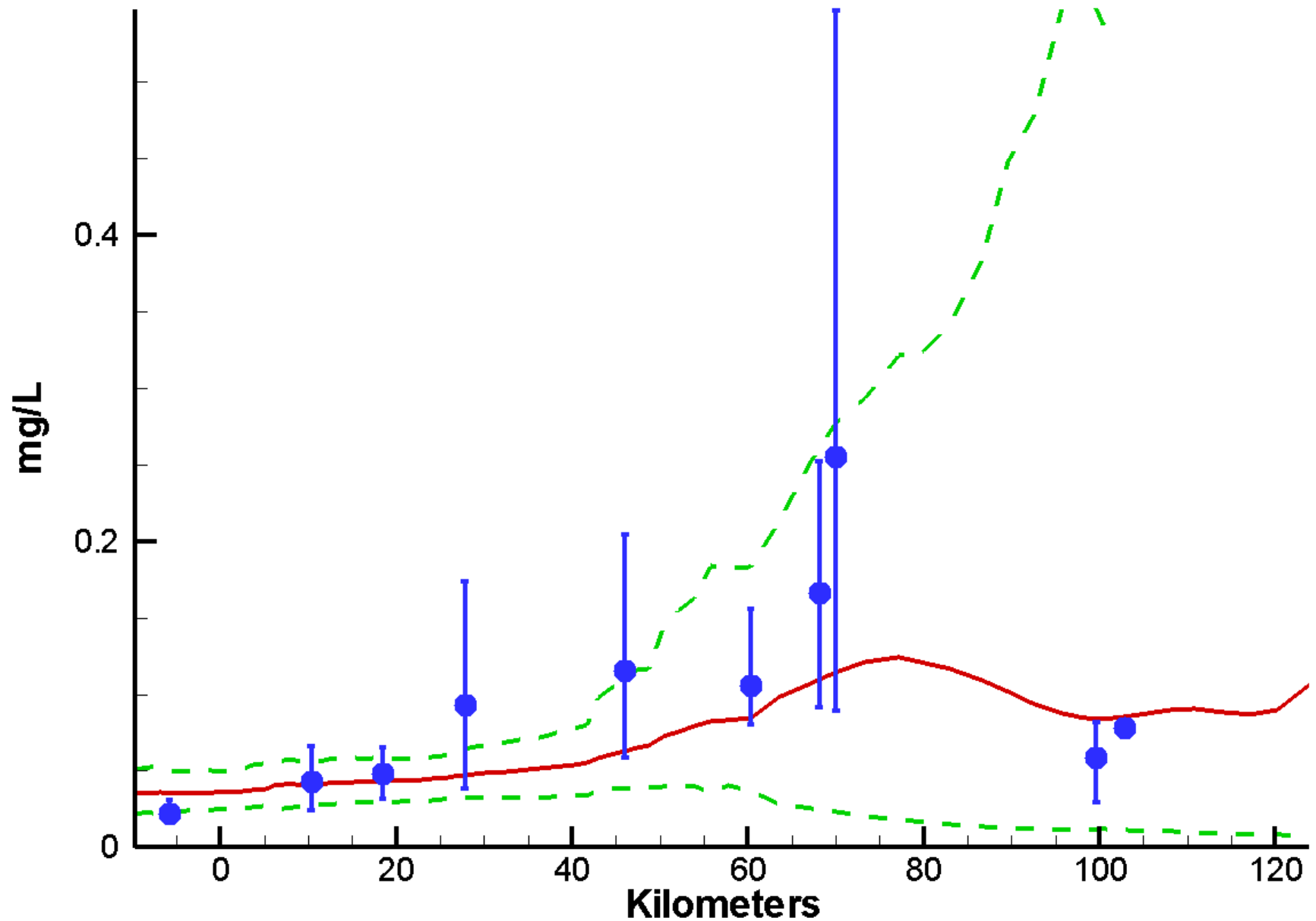
# York River Ches2015 Run118

## Surface Total Organic Carbon Fall 1999



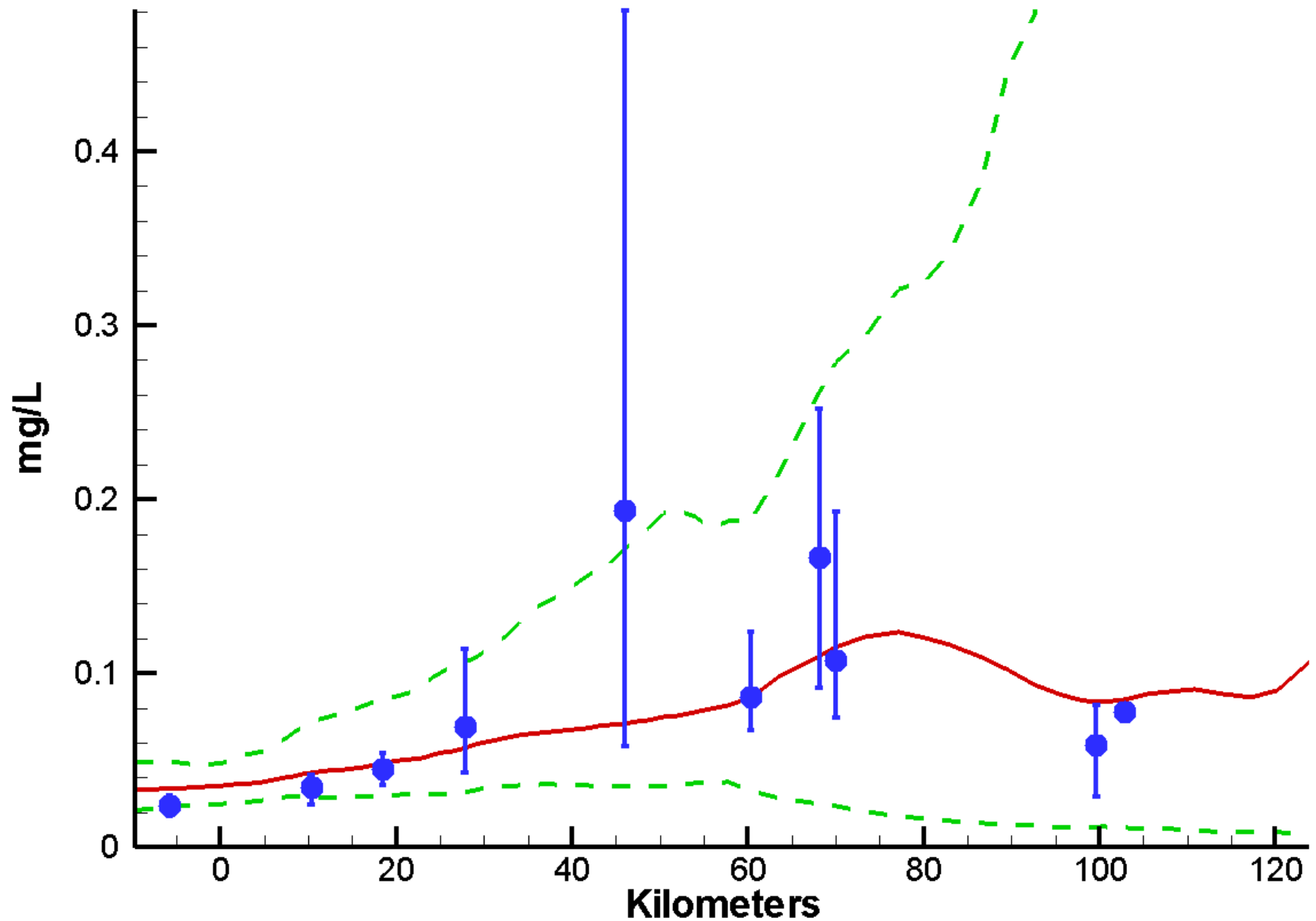
# York River Ches2015 Run118

## Bottom Total Phosphorus Fall 1999



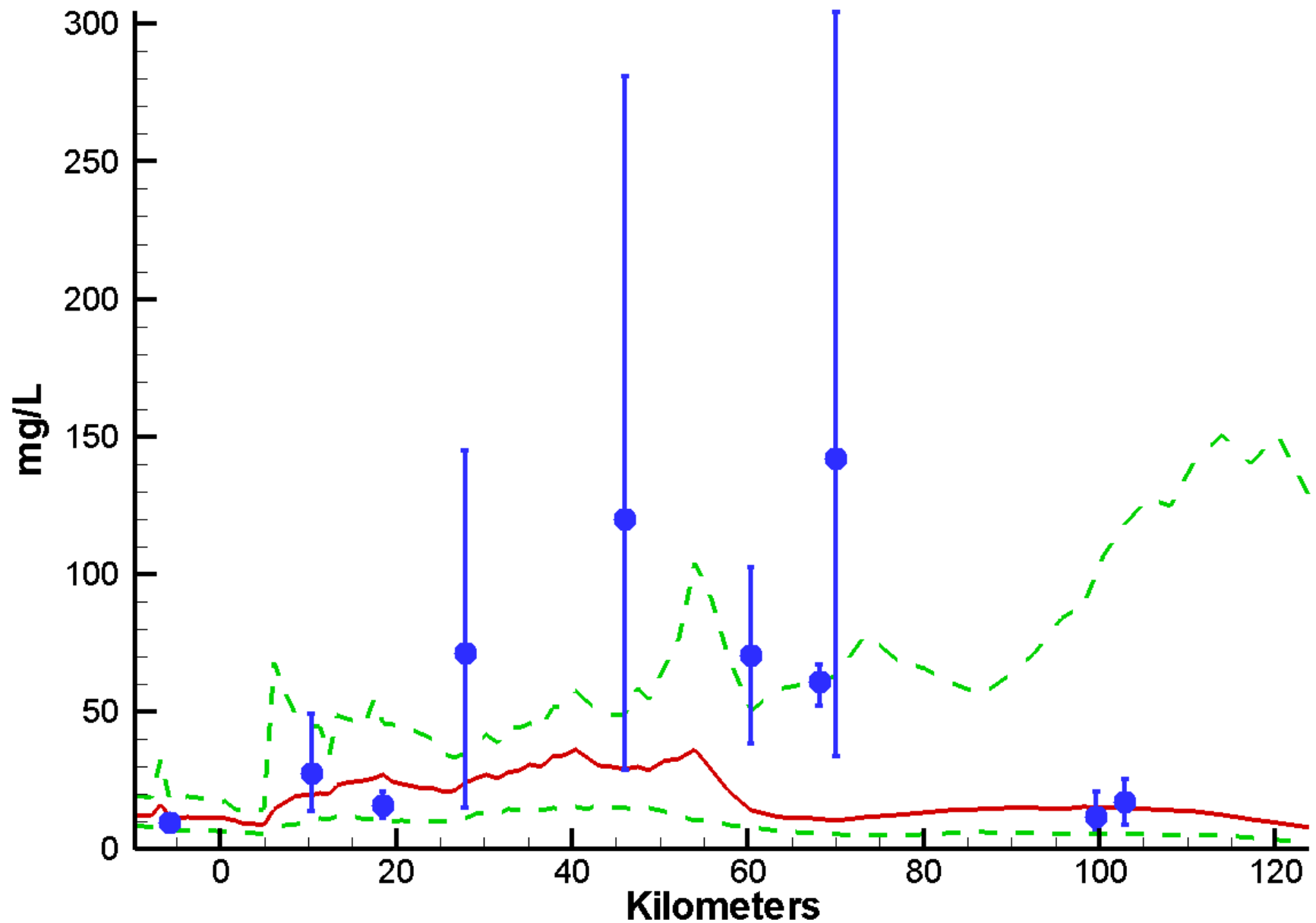
# York River Ches2015 Run118

## Surface Total Phosphorus Fall 1999



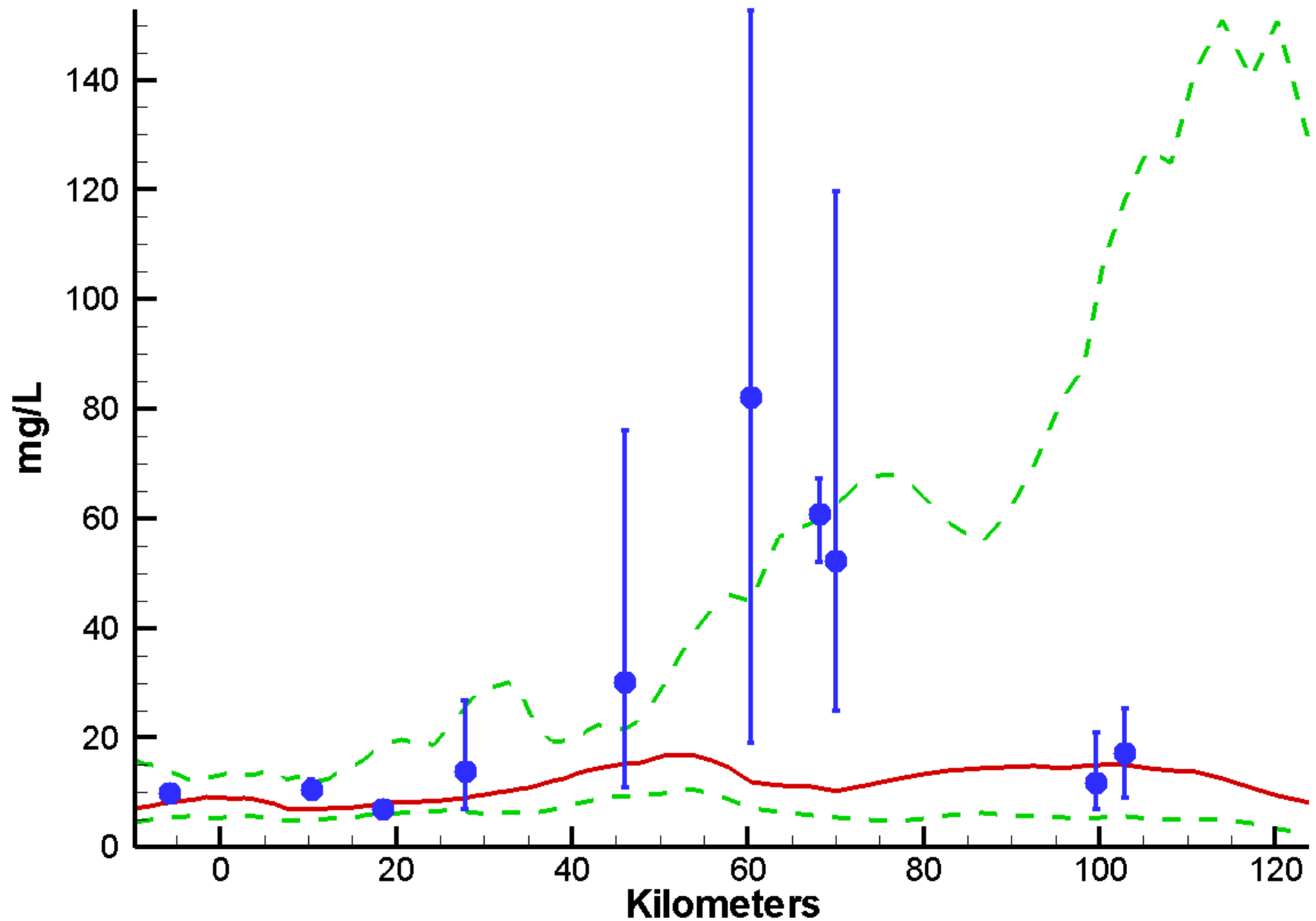
# York River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1999



# York River Ches2015 Run118

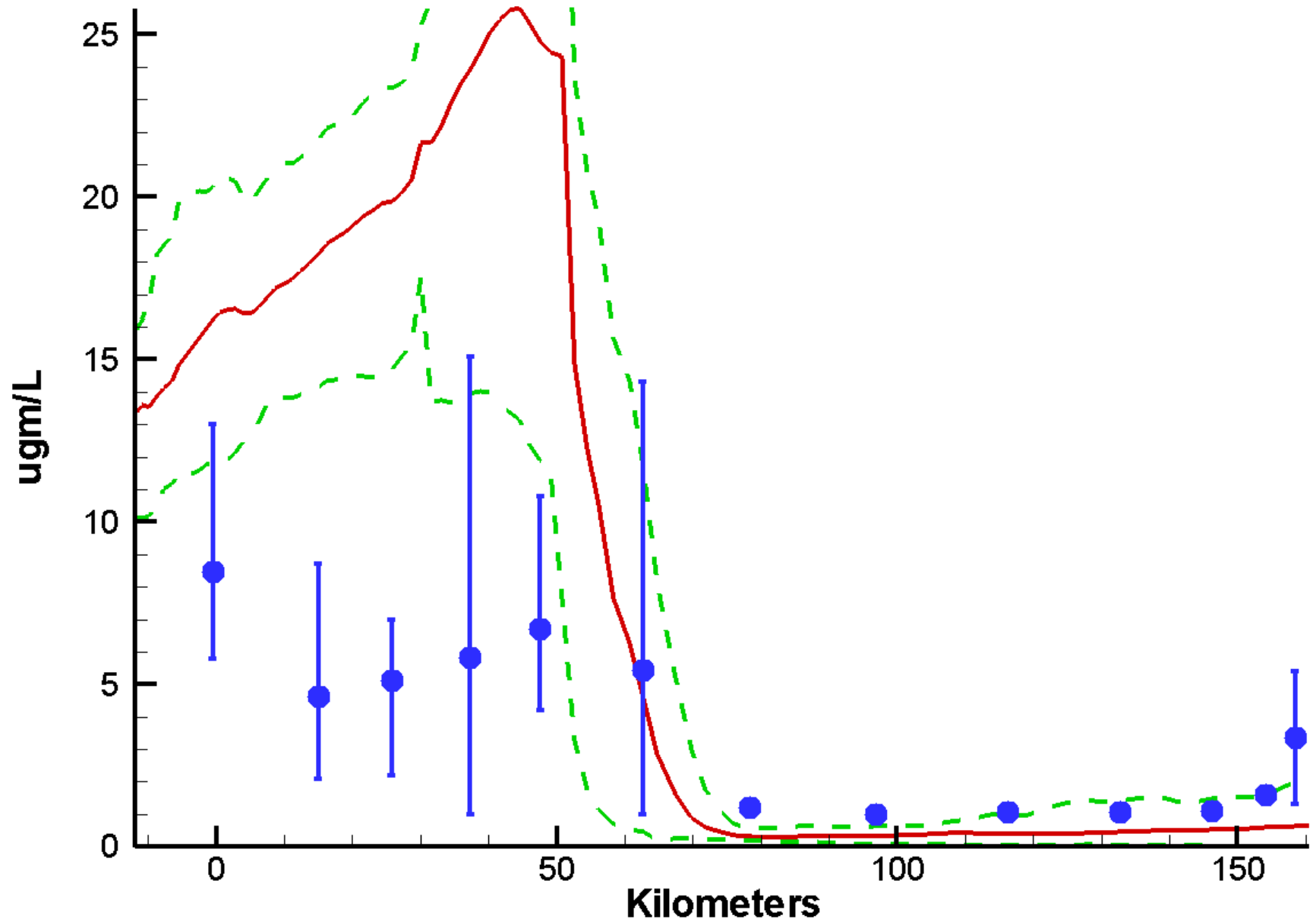
## Surface Total Suspended Solids Fall 1999





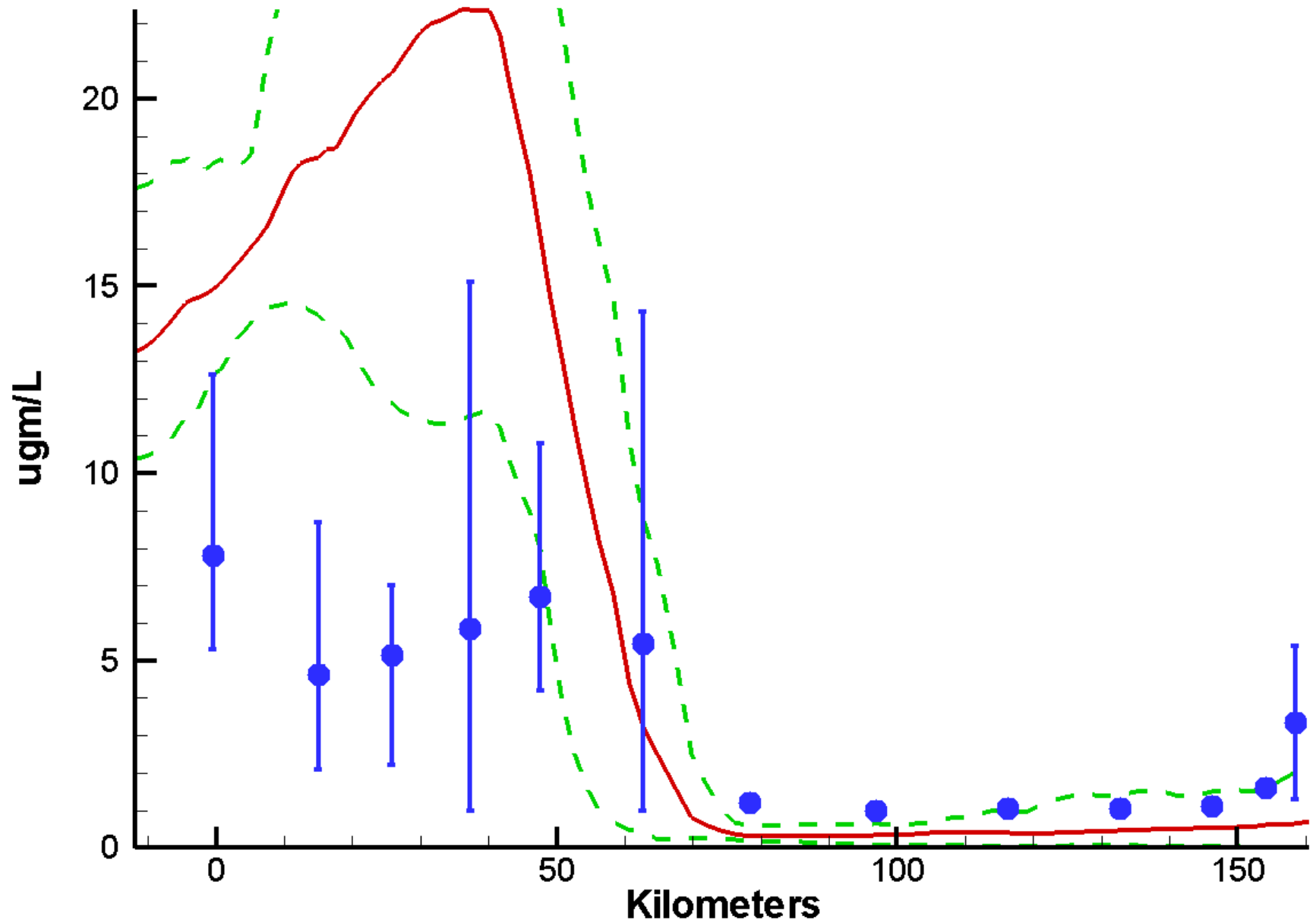
# Rappahannock River Ches2015 Run118

## Bottom Chlorophyll Winter 1994



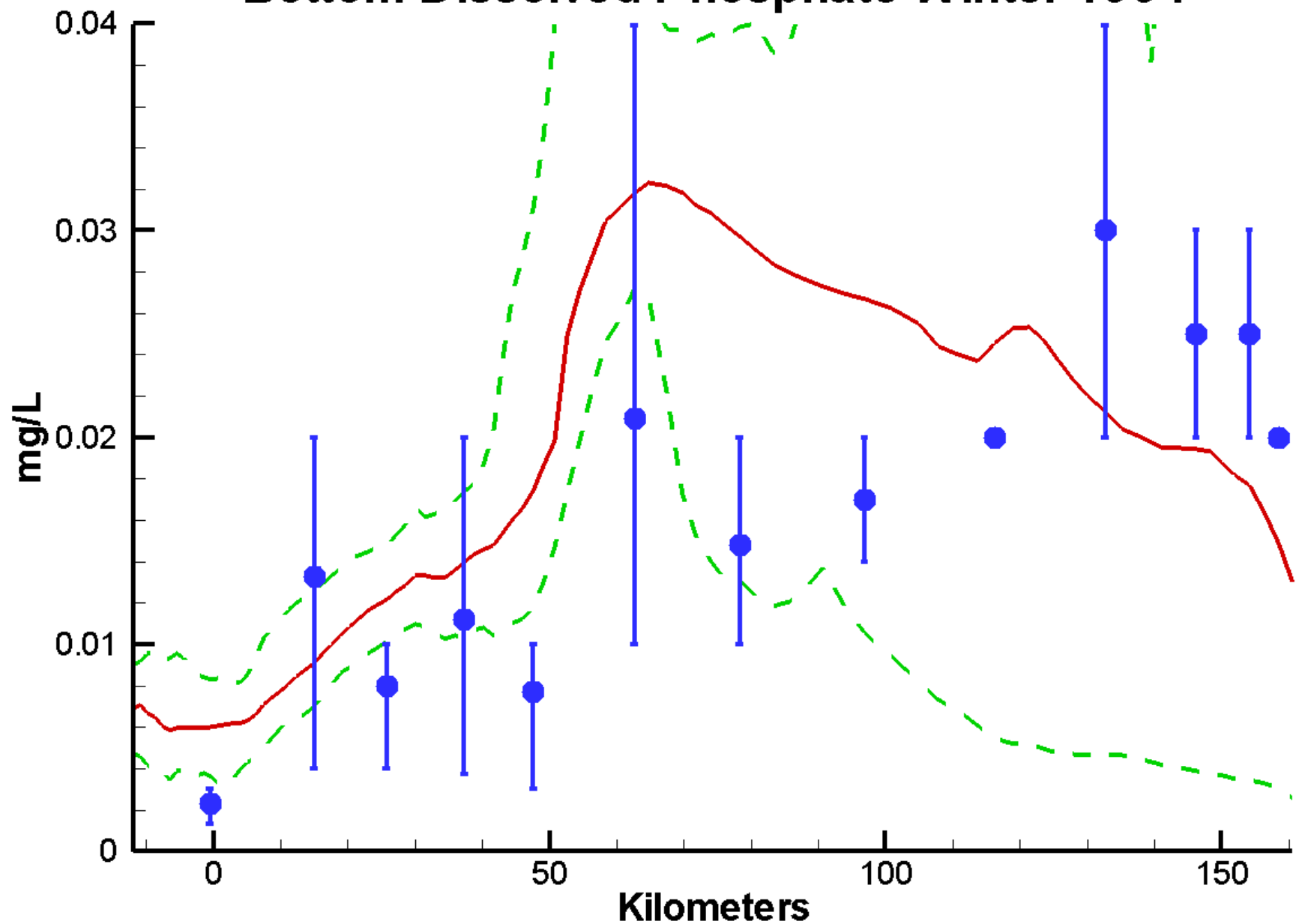
# Rappahannock River Ches2015 Run118

## Surface Chlorophyll Winter 1994

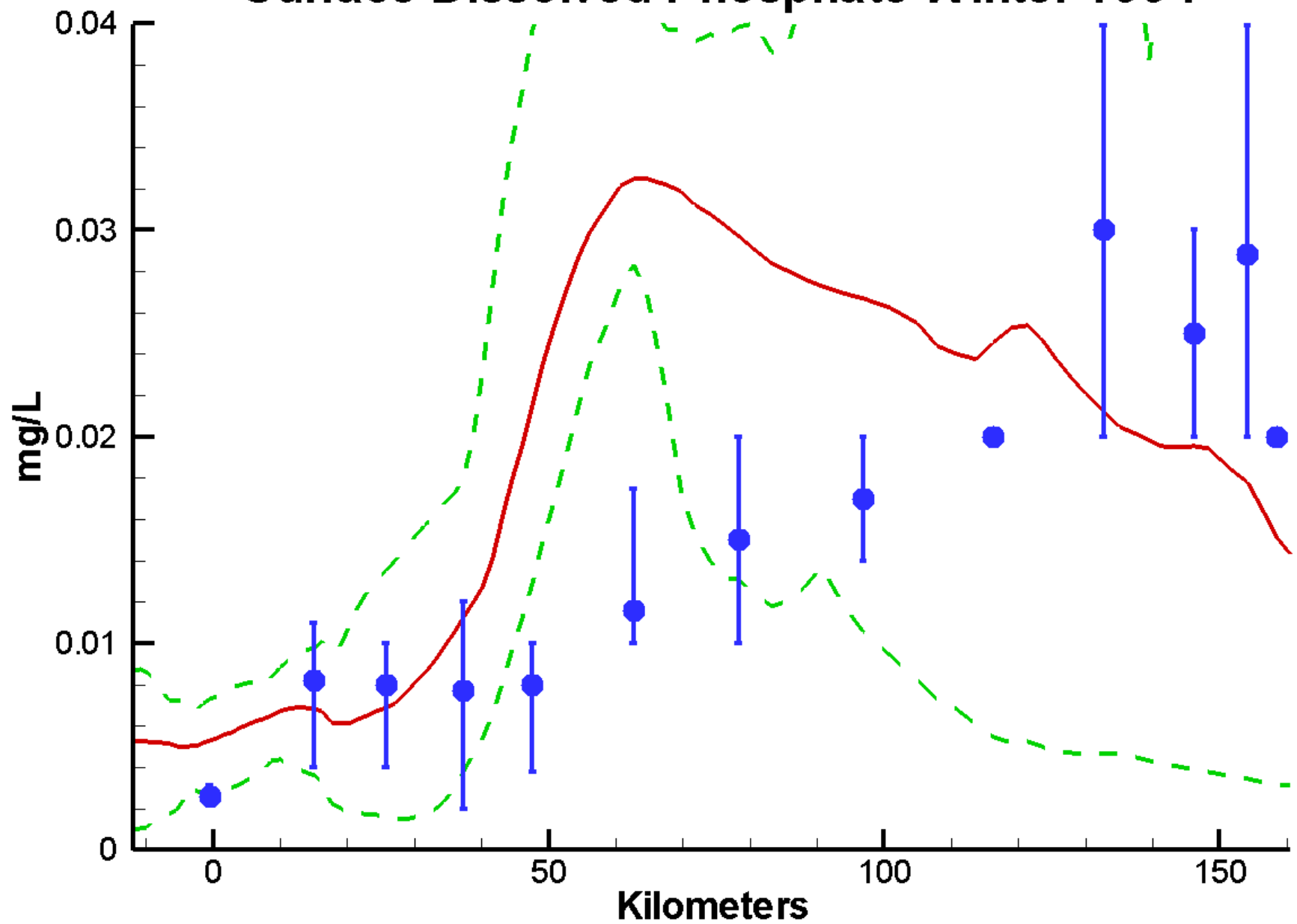


# Rappahannock River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1994

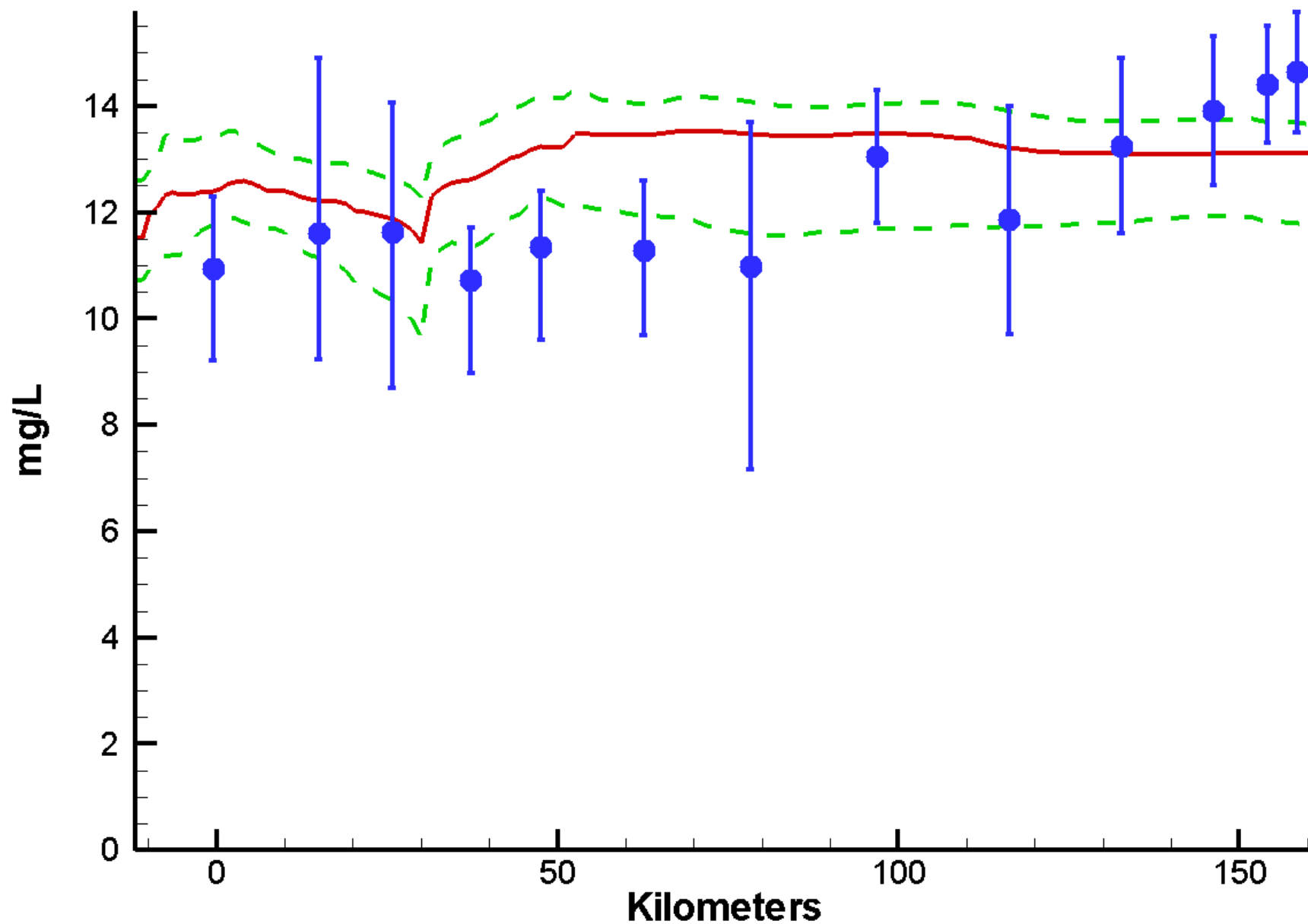


# Rappahannock River Ches2015 Run118 Surface Dissolved Phosphate Winter 1994



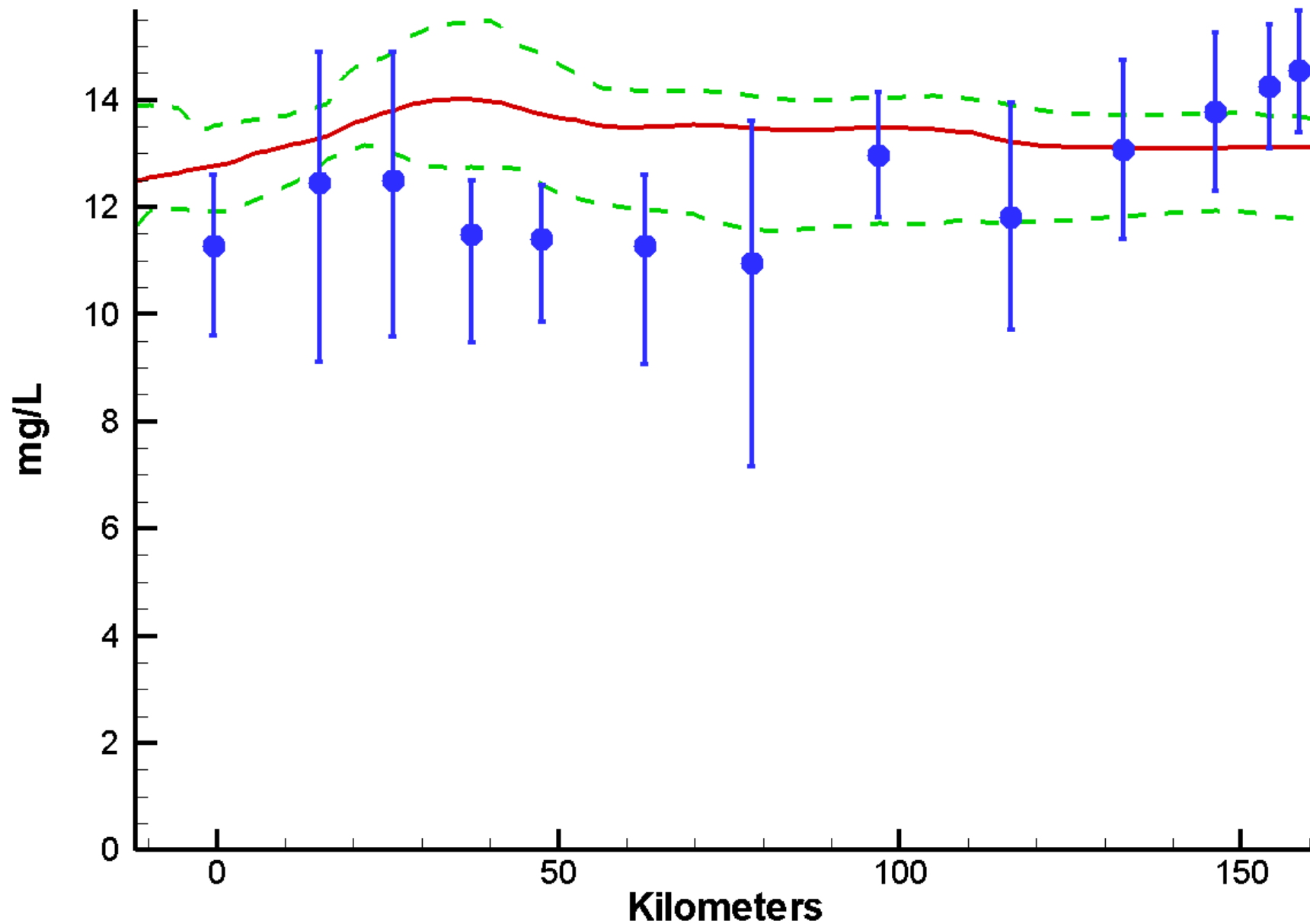
# Rappahannock River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1994



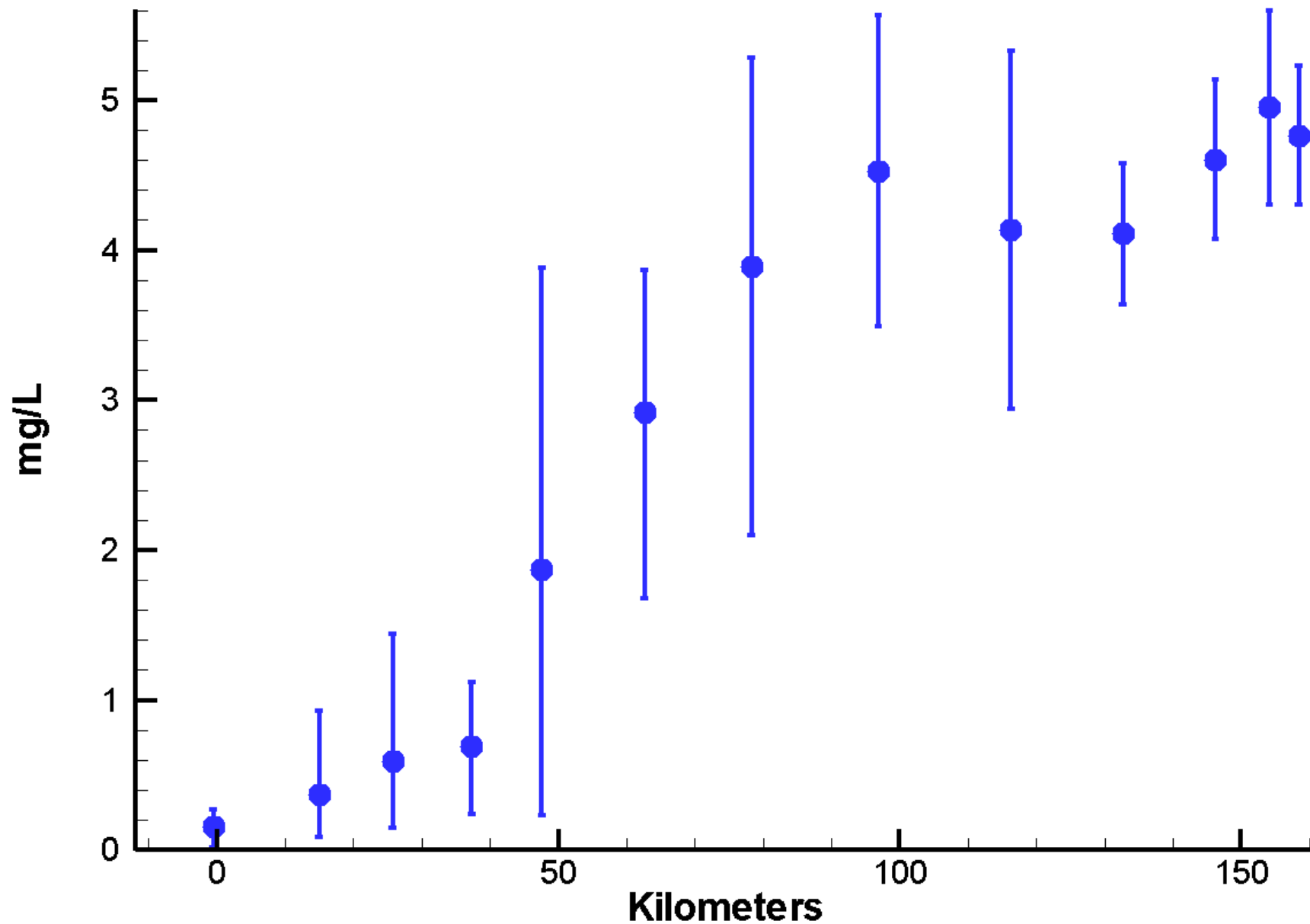
# Rappahannock River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1994



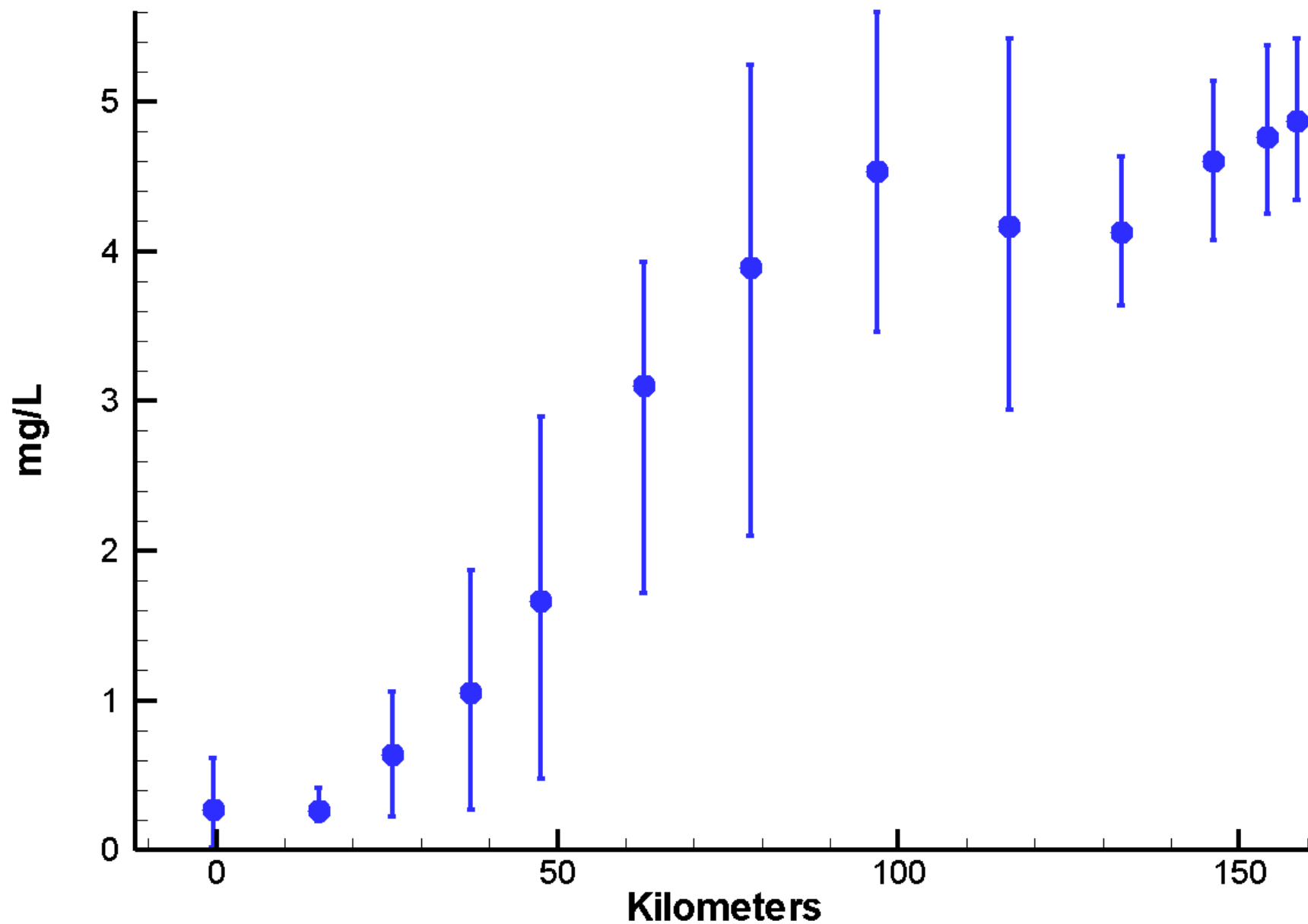
# Rappahannock River Ches2015 Run118

## Bottom Dissolved Silica Winter 1994



# Rappahannock River Ches2015 Run118

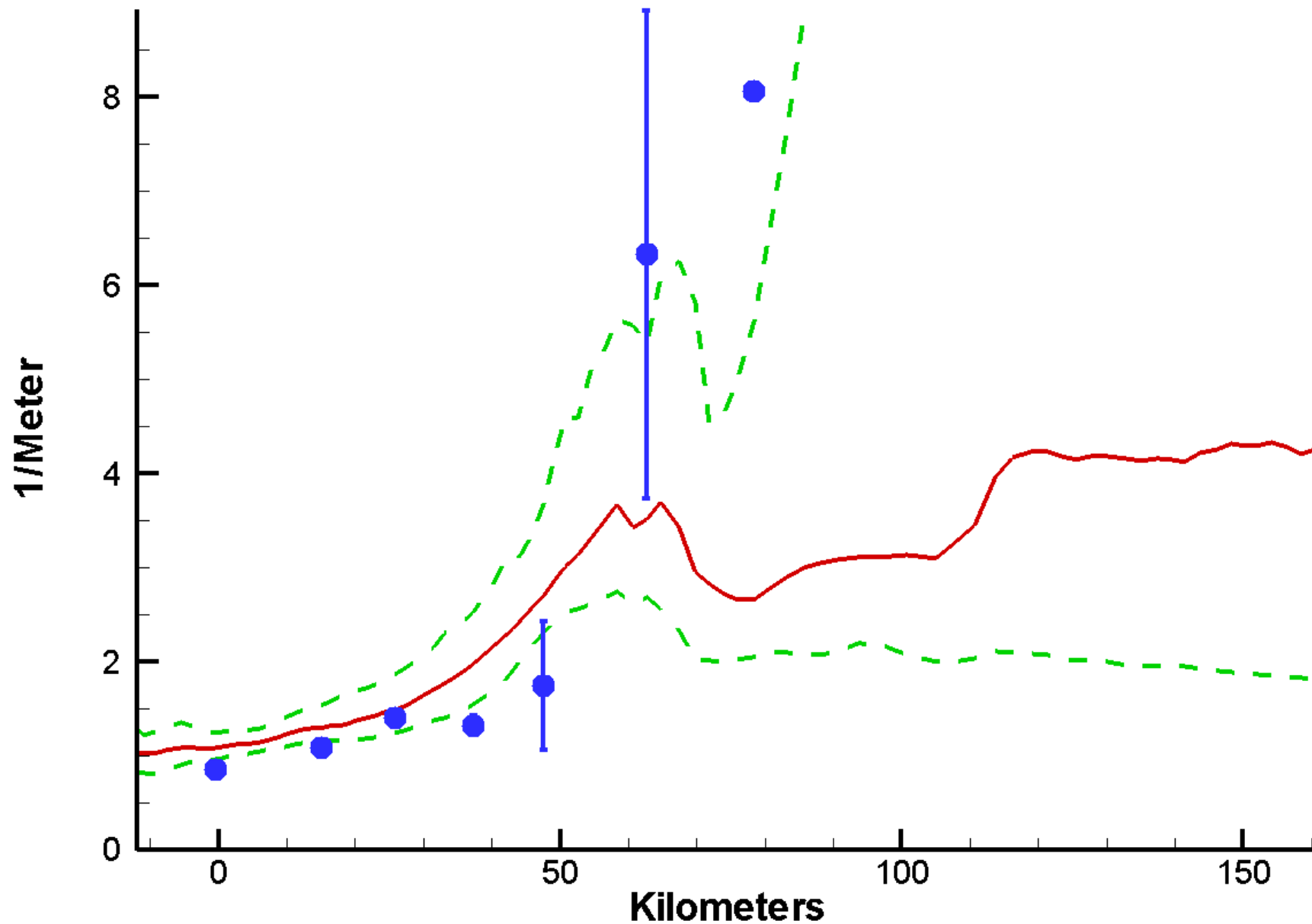
## Surface Dissolved Silica Winter 1994





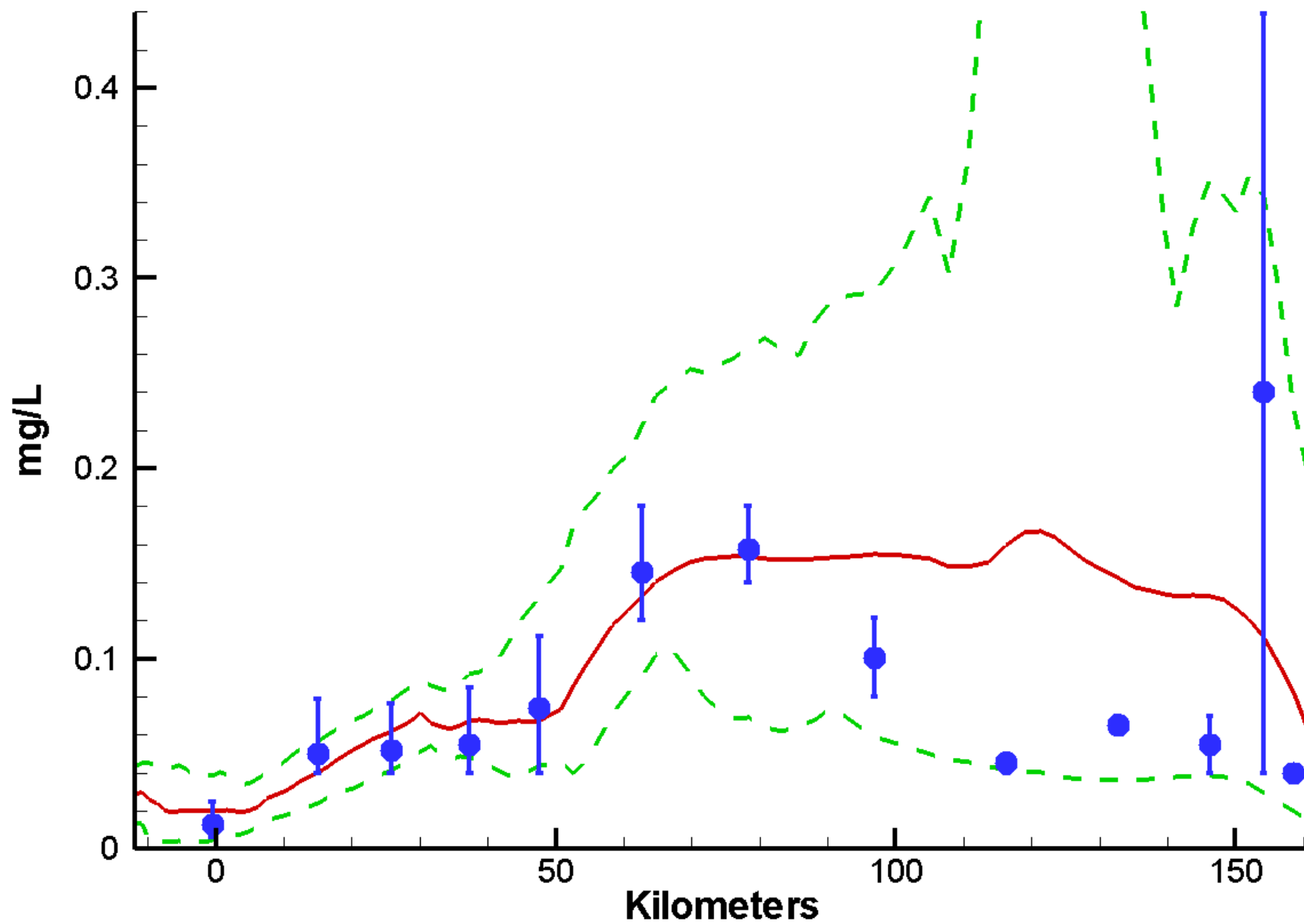
# Rappahannock River Ches2015 Run118

## Surface Light Extinction Winter 1994

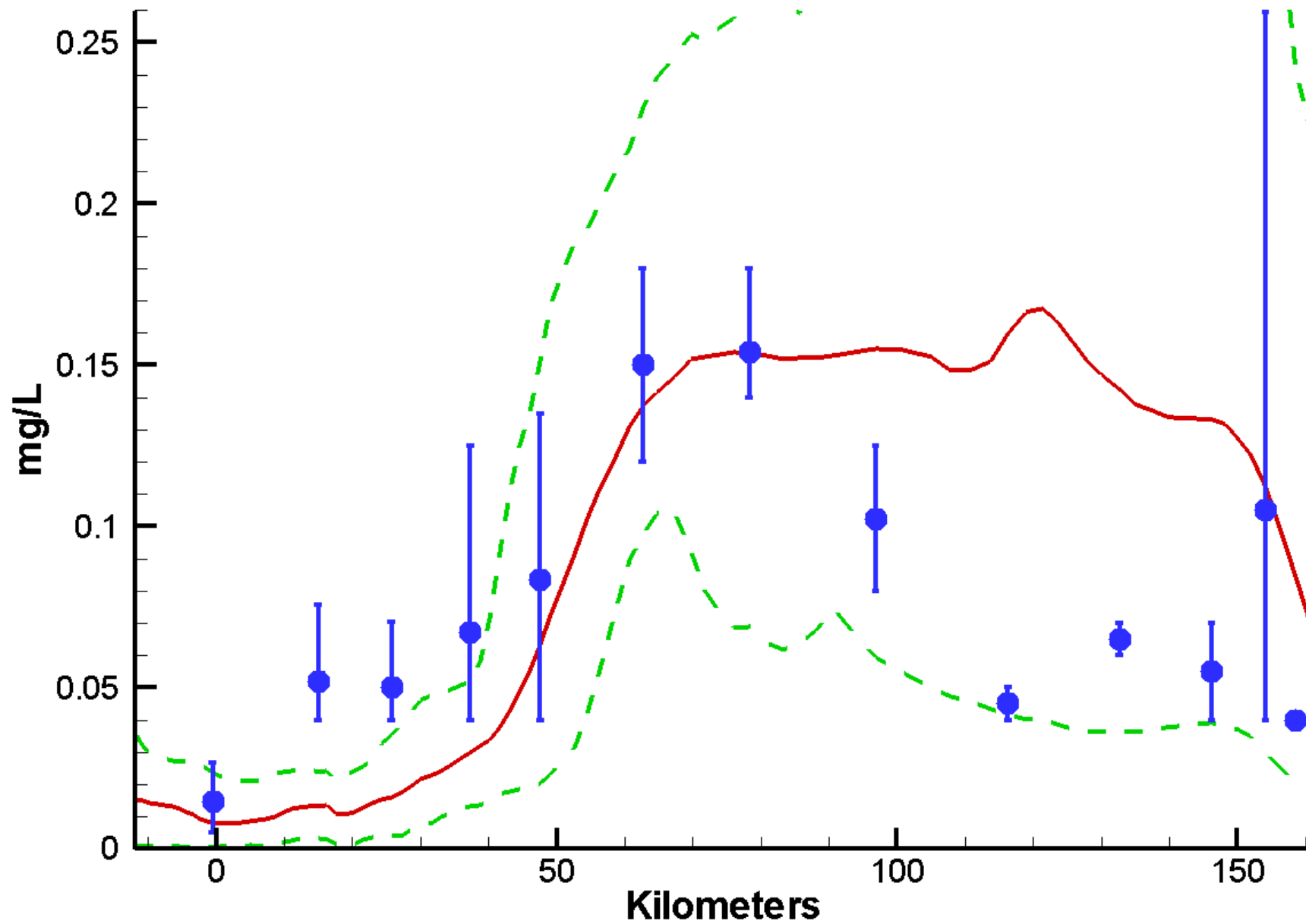


# Rappahannock River Ches2015 Run118

## Bottom Ammonium Winter 1994

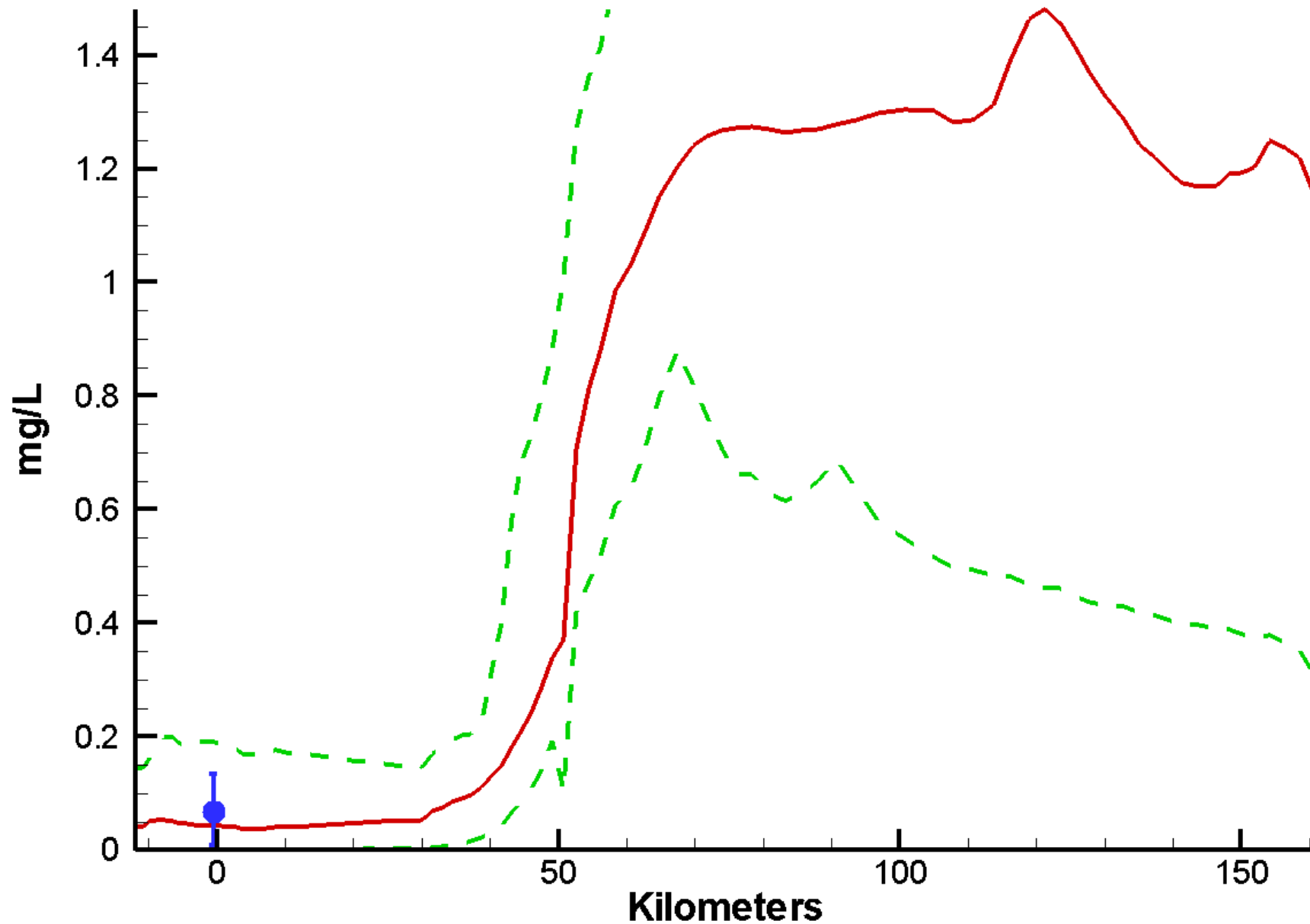


# Rappahannock River Ches2015 Run118 Surface Ammonium Winter 1994



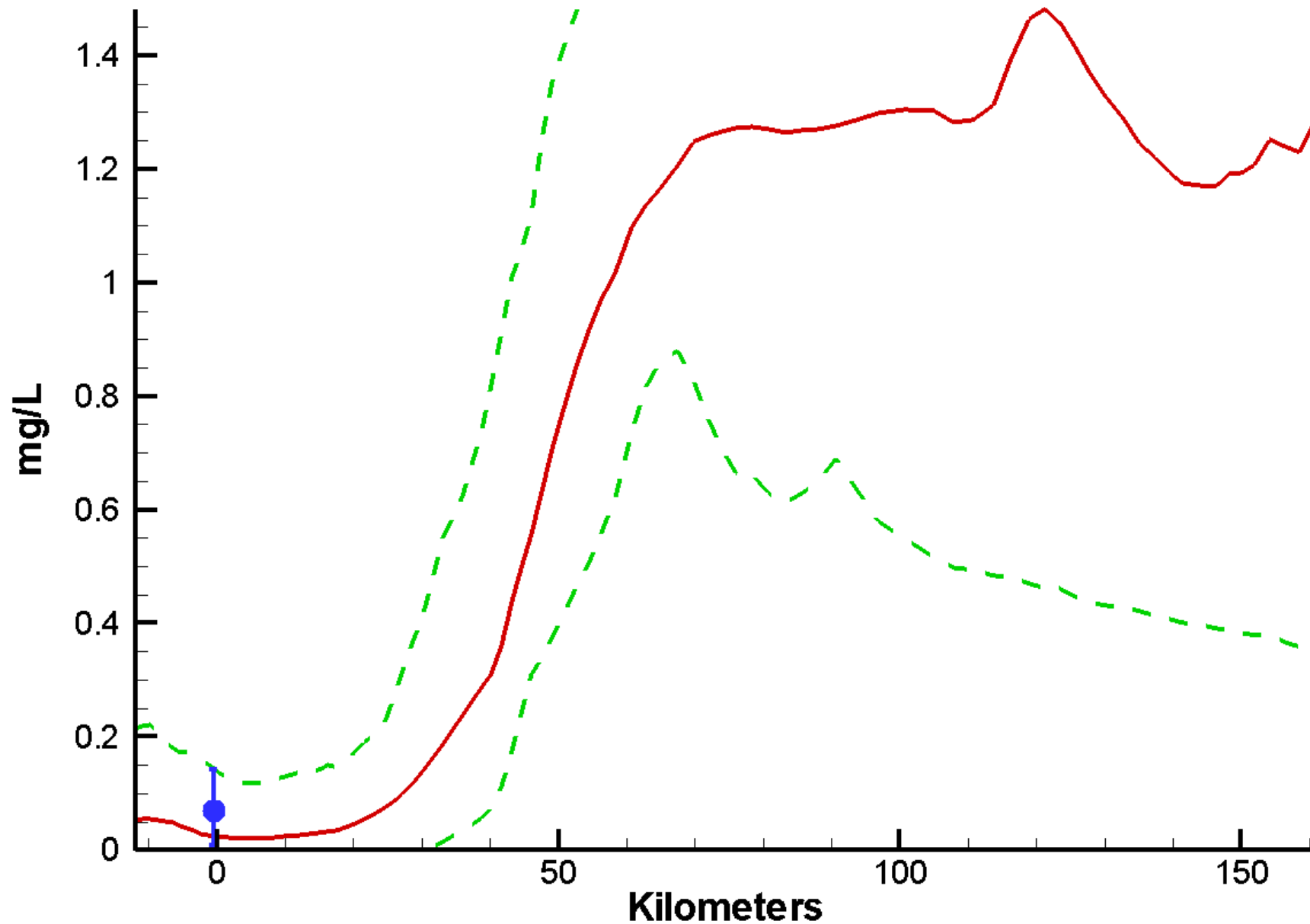
# Rappahannock River Ches2015 Run118

## Bottom Nitrate Winter 1994



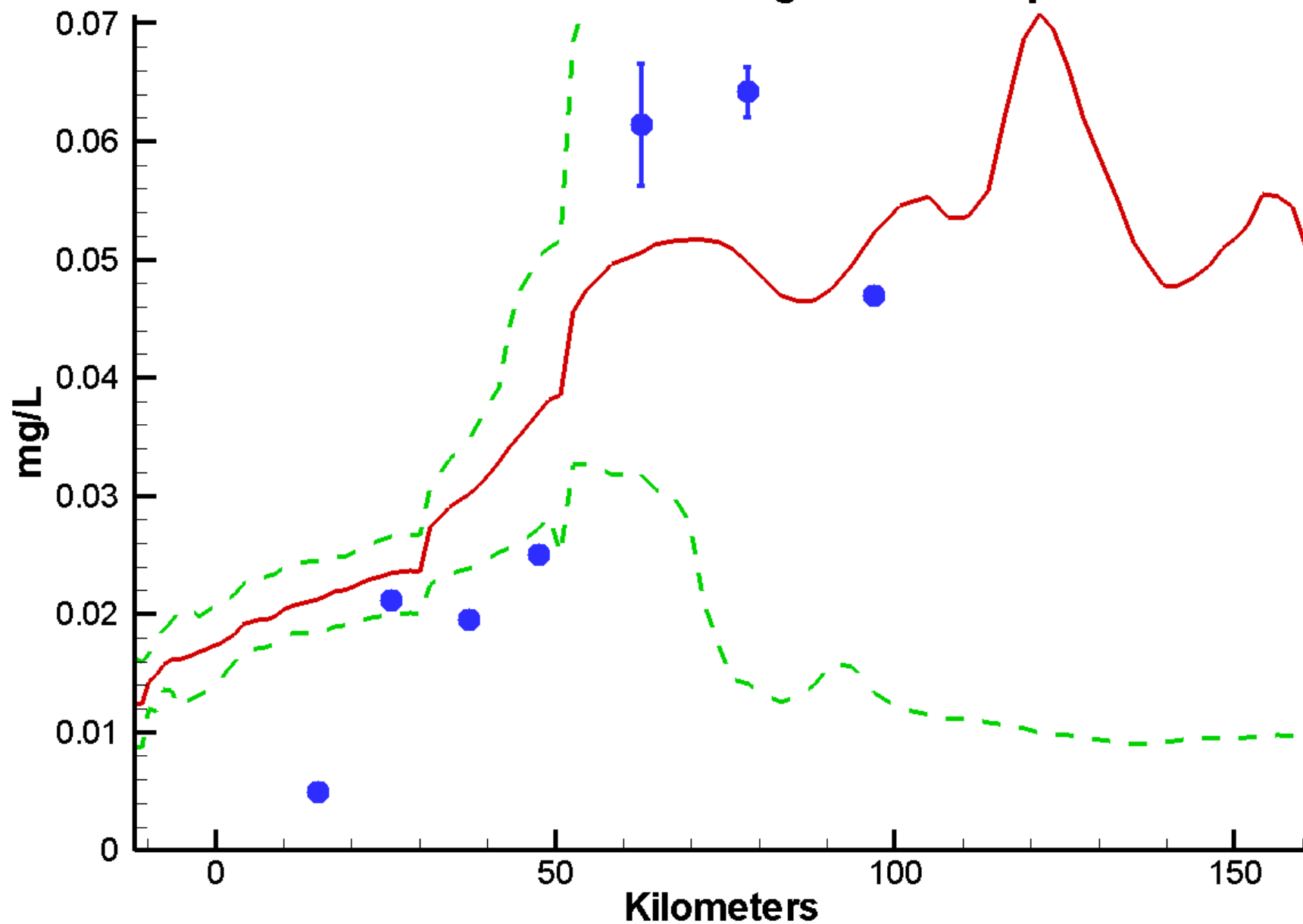
# Rappahannock River Ches2015 Run118

## Surface Nitrate Winter 1994



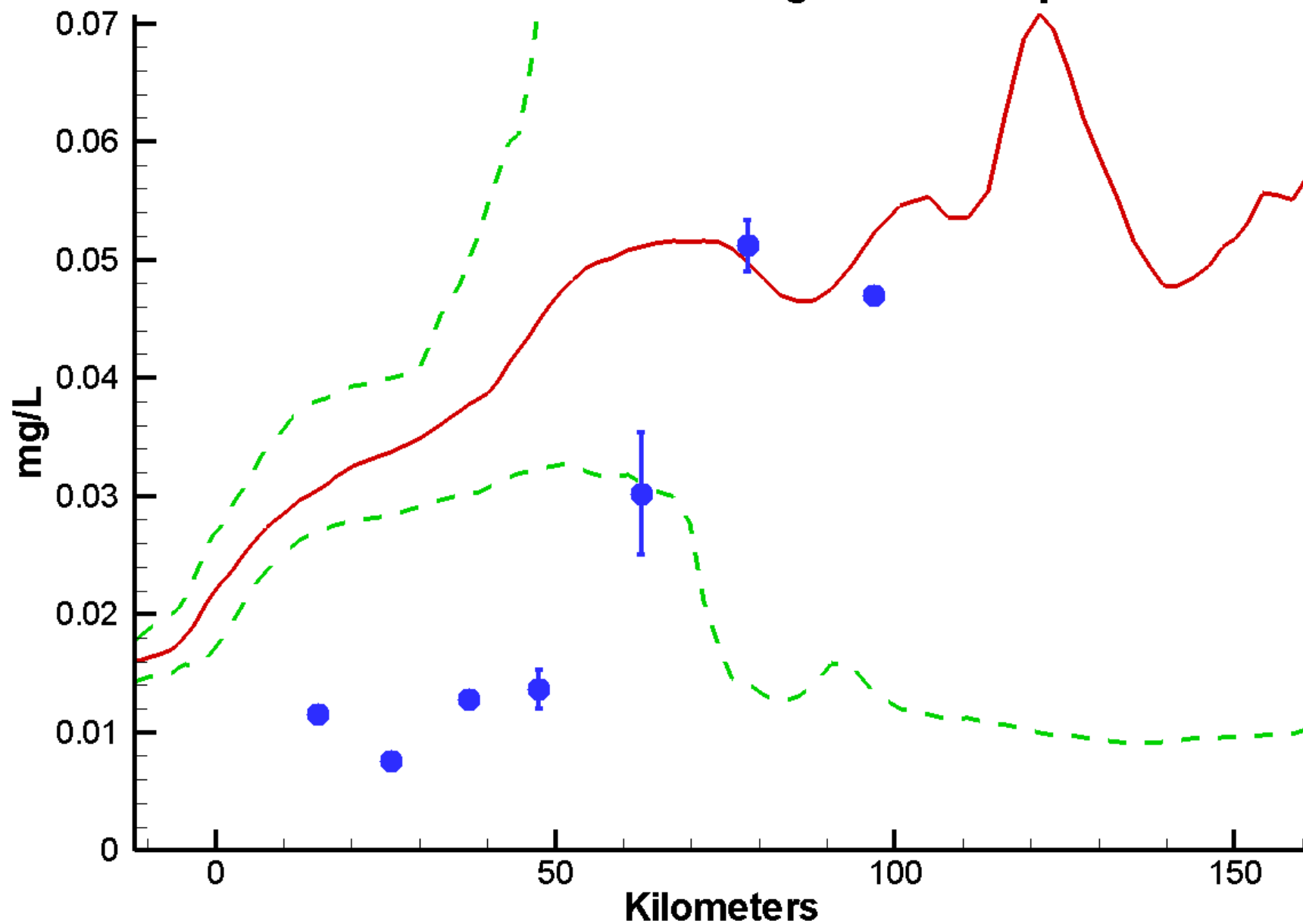
# Rappahannock River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1994



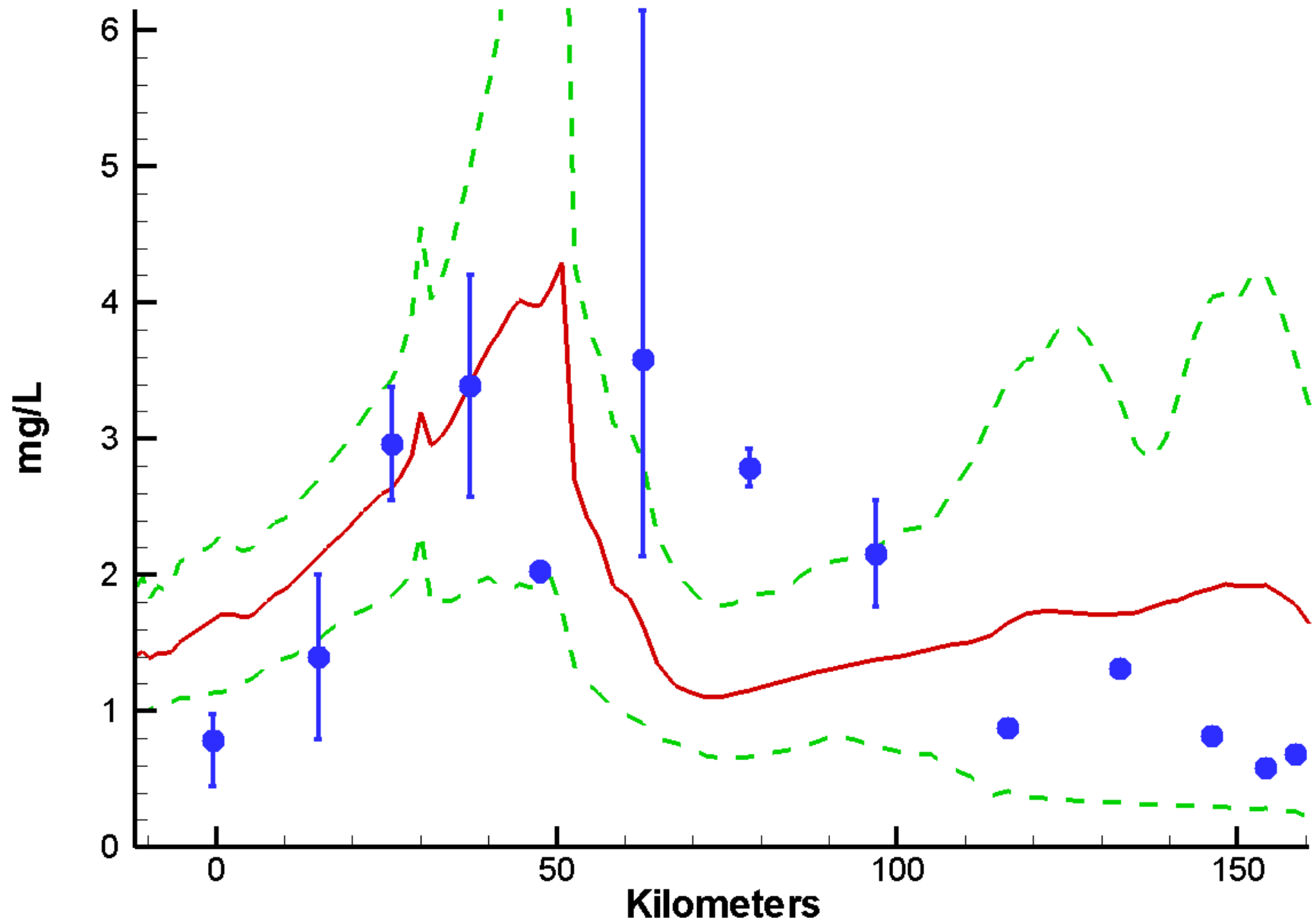
# Rappahannock River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1994



# Rappahannock River Ches2015 Run118

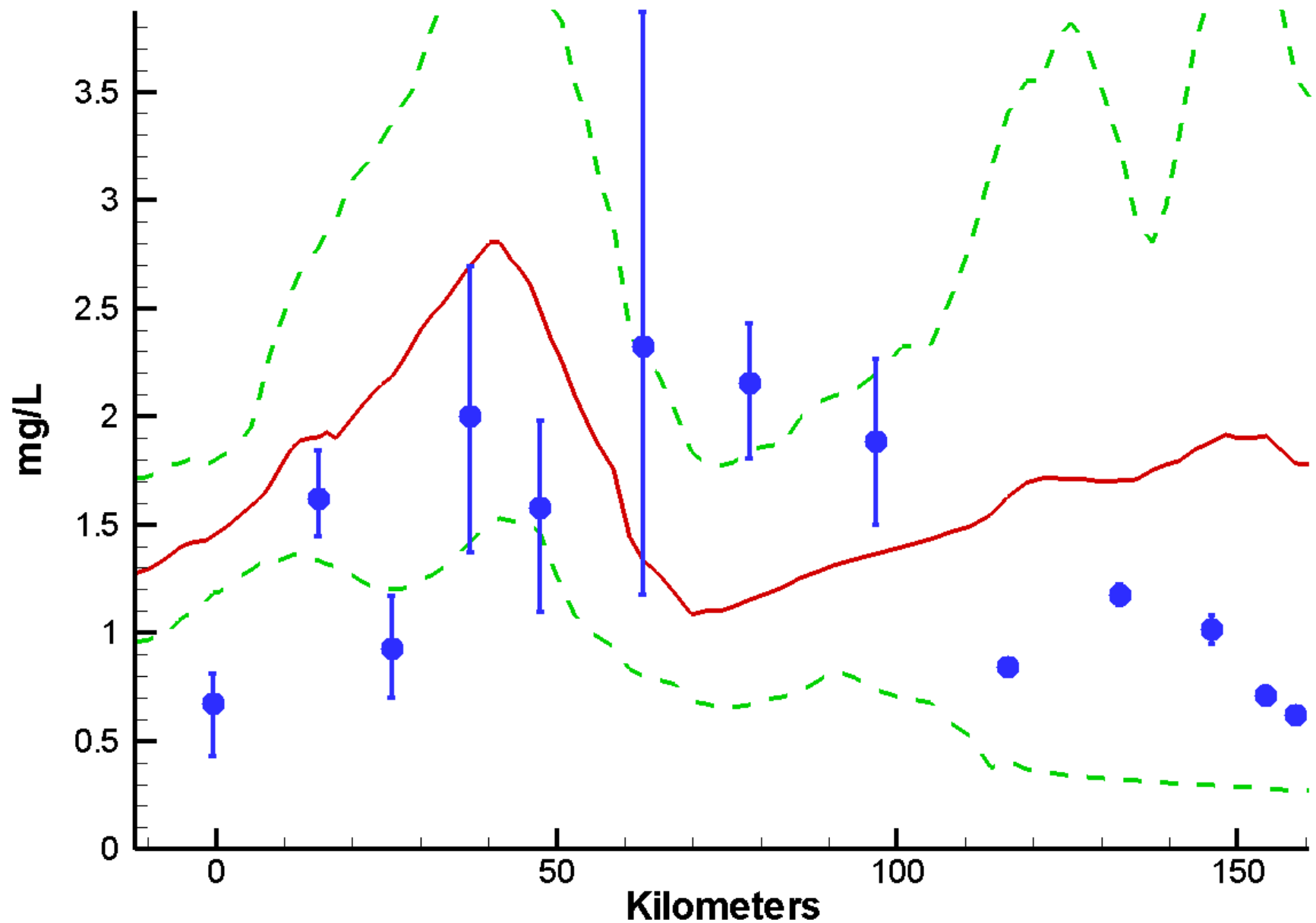
## Bottom Particulate Organic Carbon Winter 1994





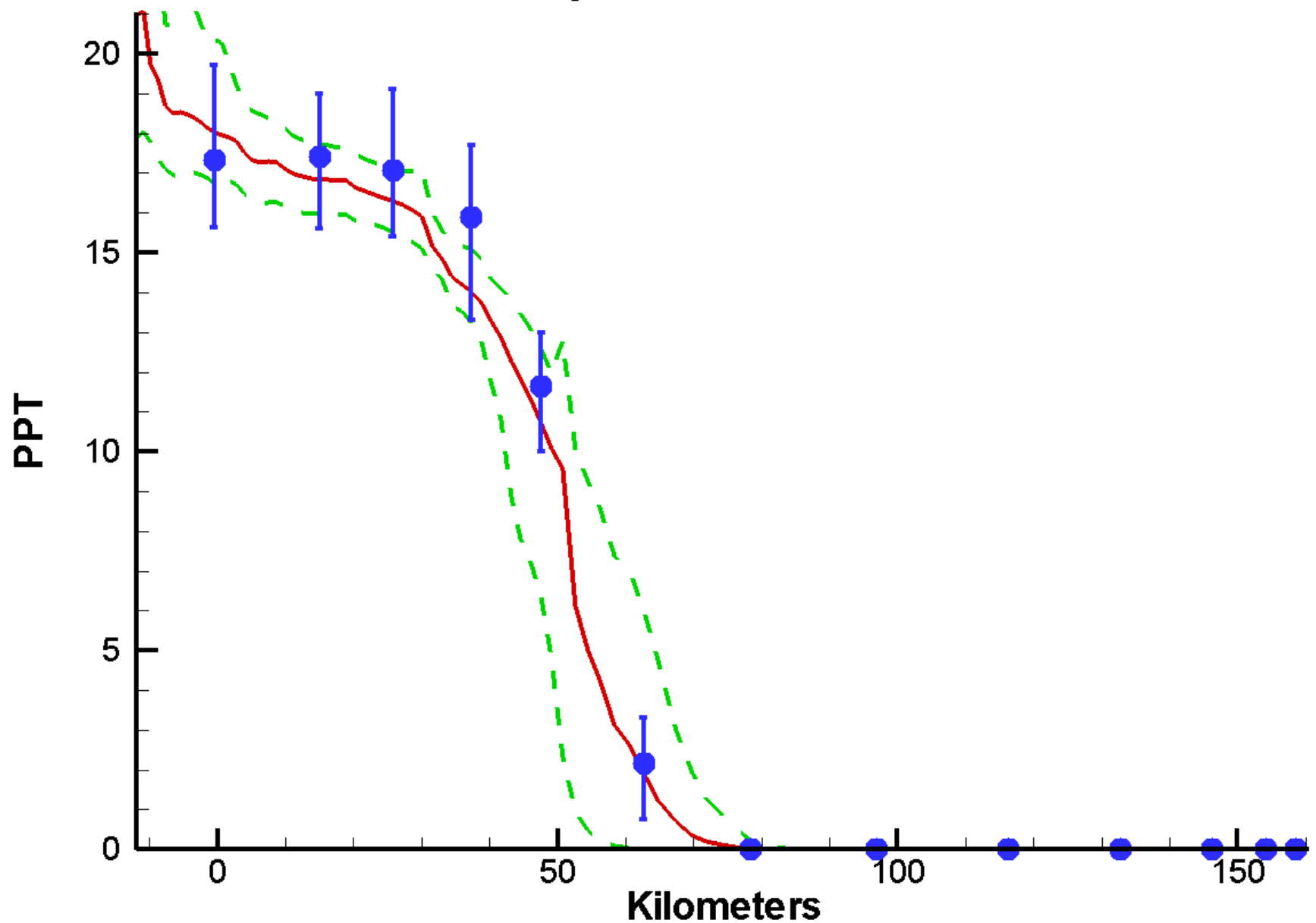
# Rappahannock River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1994



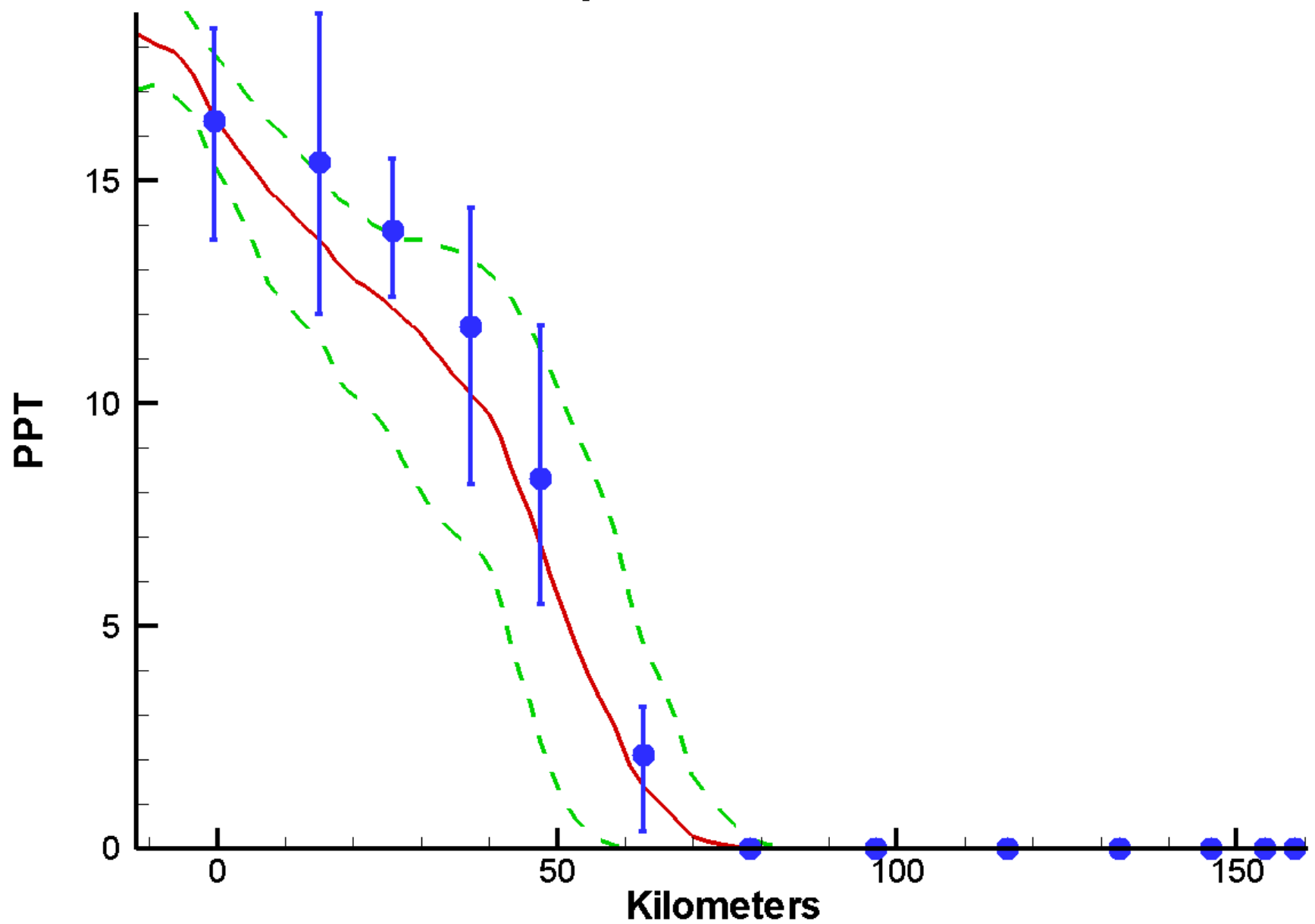
# Rappahannock River Ches2015 Run118

## Bottom Salinity Winter 1994



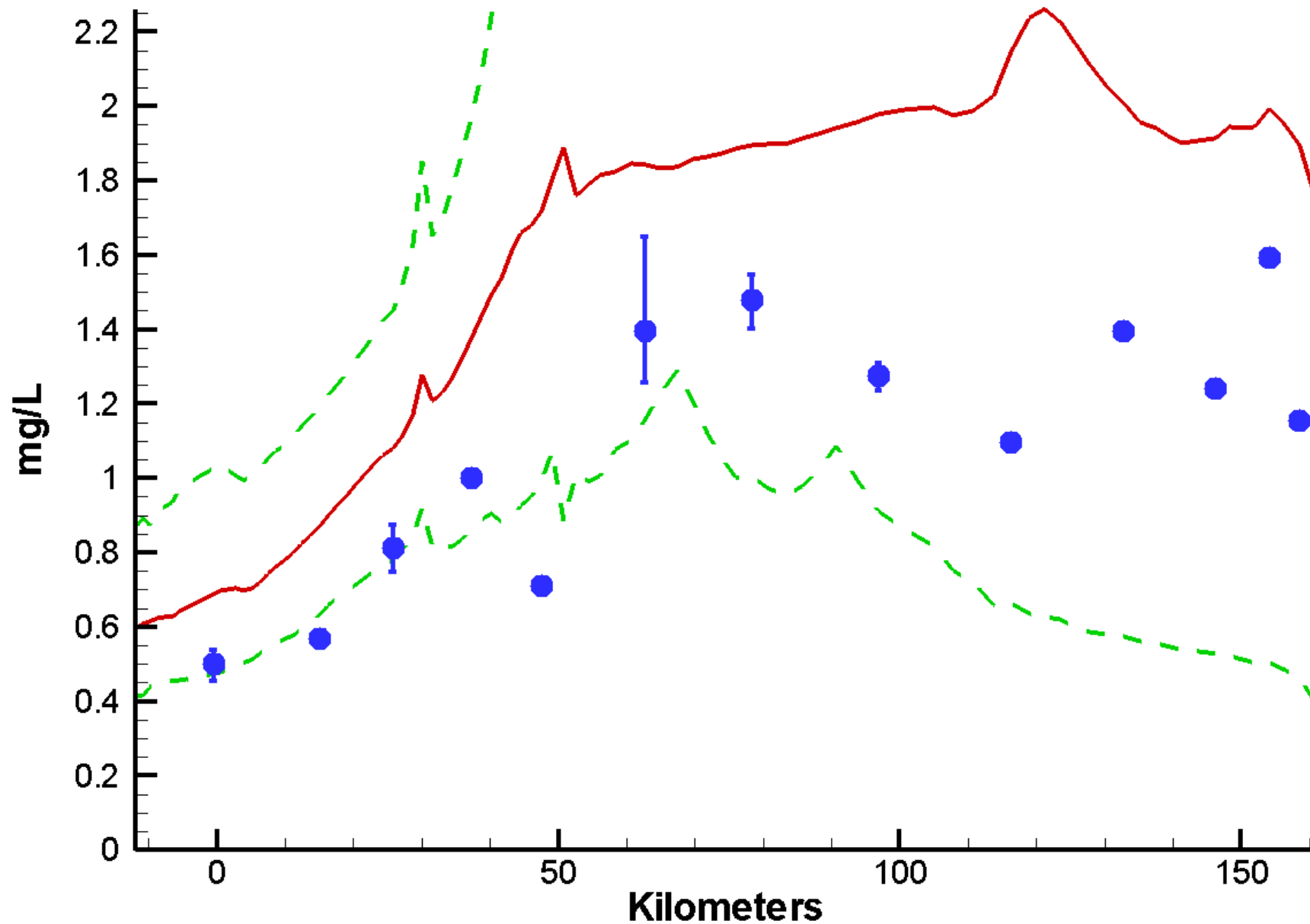
# Rappahannock River Ches2015 Run118

## Surface Salinity Winter 1994



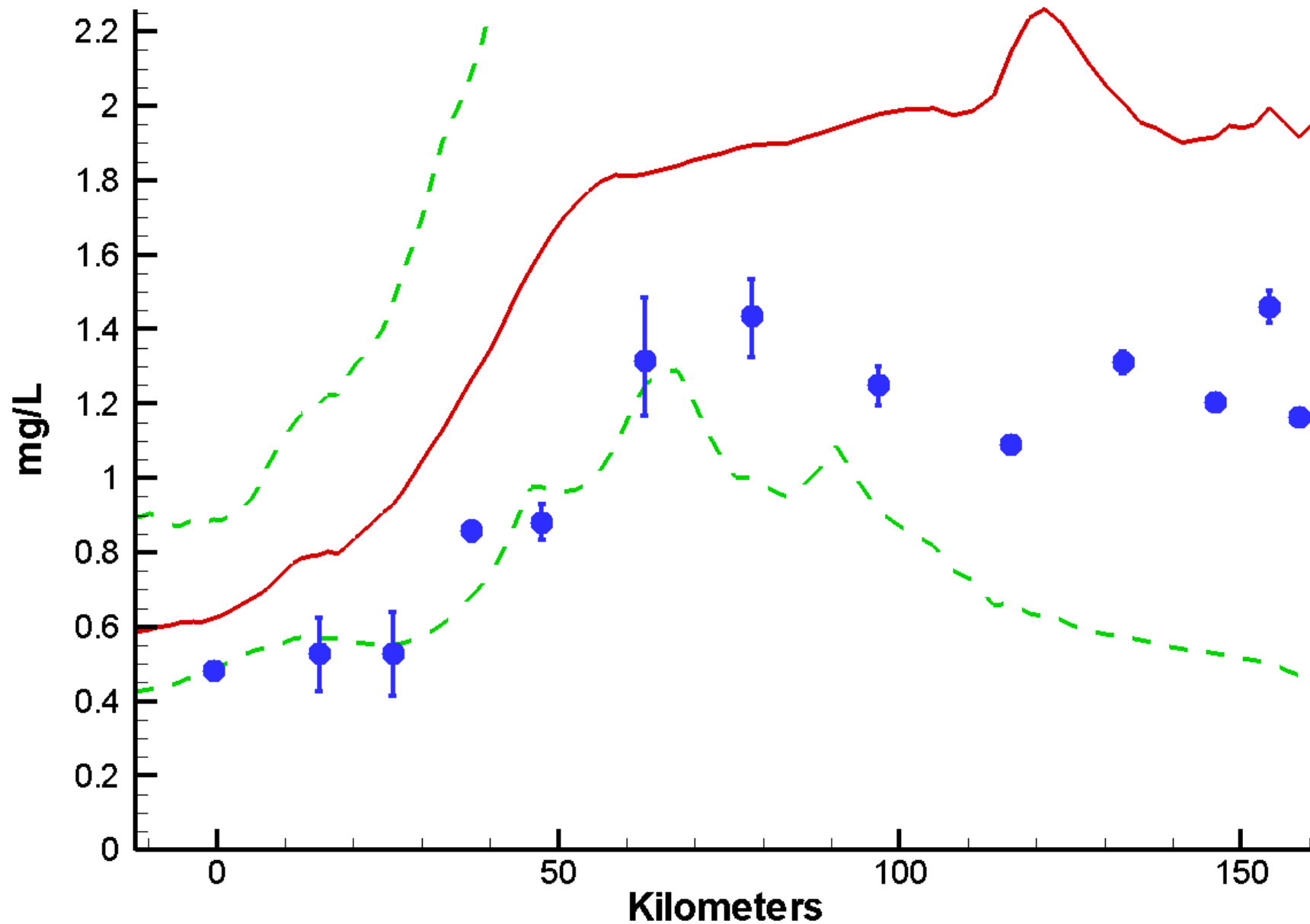
# Rappahannock River Ches2015 Run118

## Bottom Total Nitrogen Winter 1994



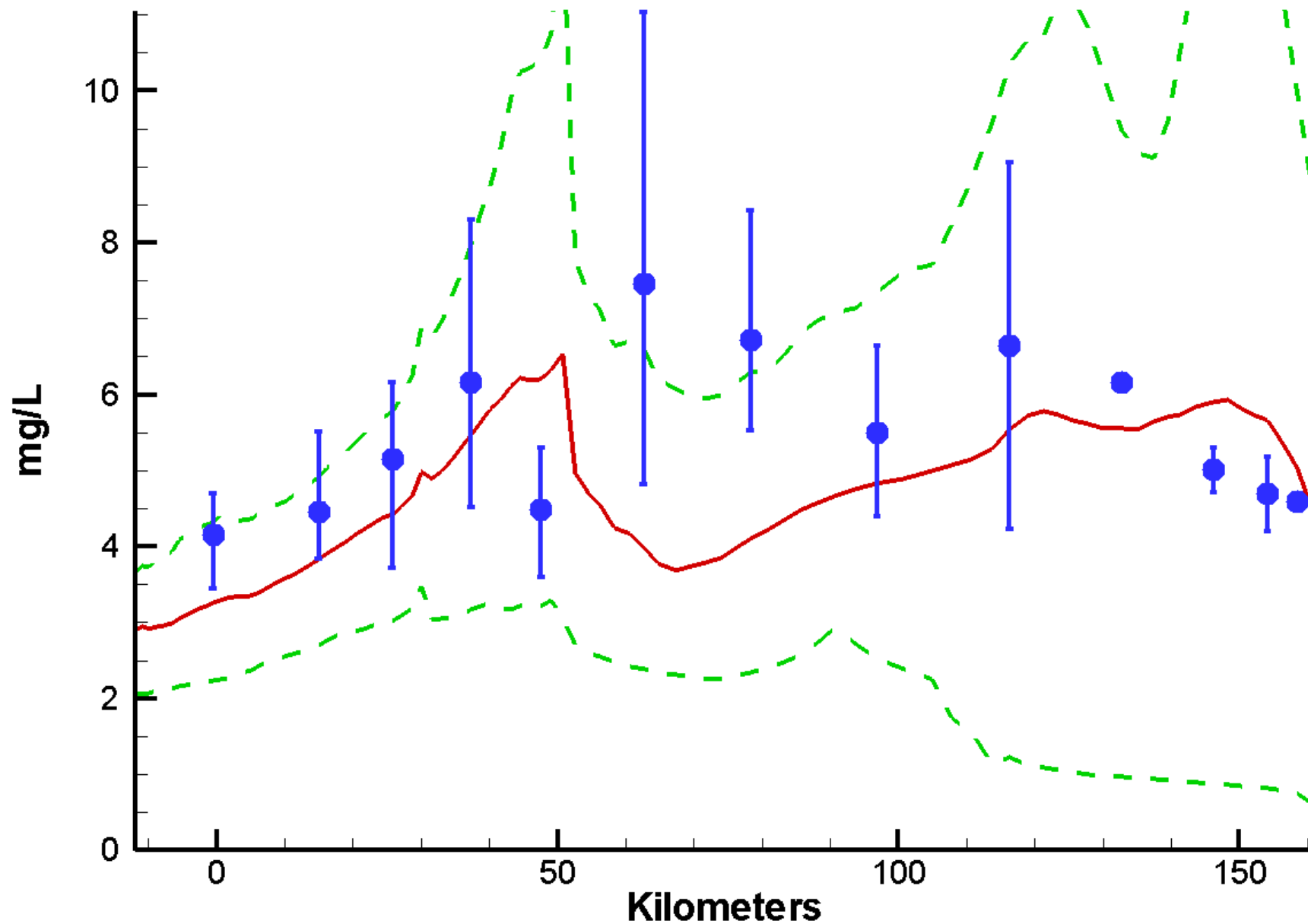
# Rappahannock River Ches2015 Run118

## Surface Total Nitrogen Winter 1994



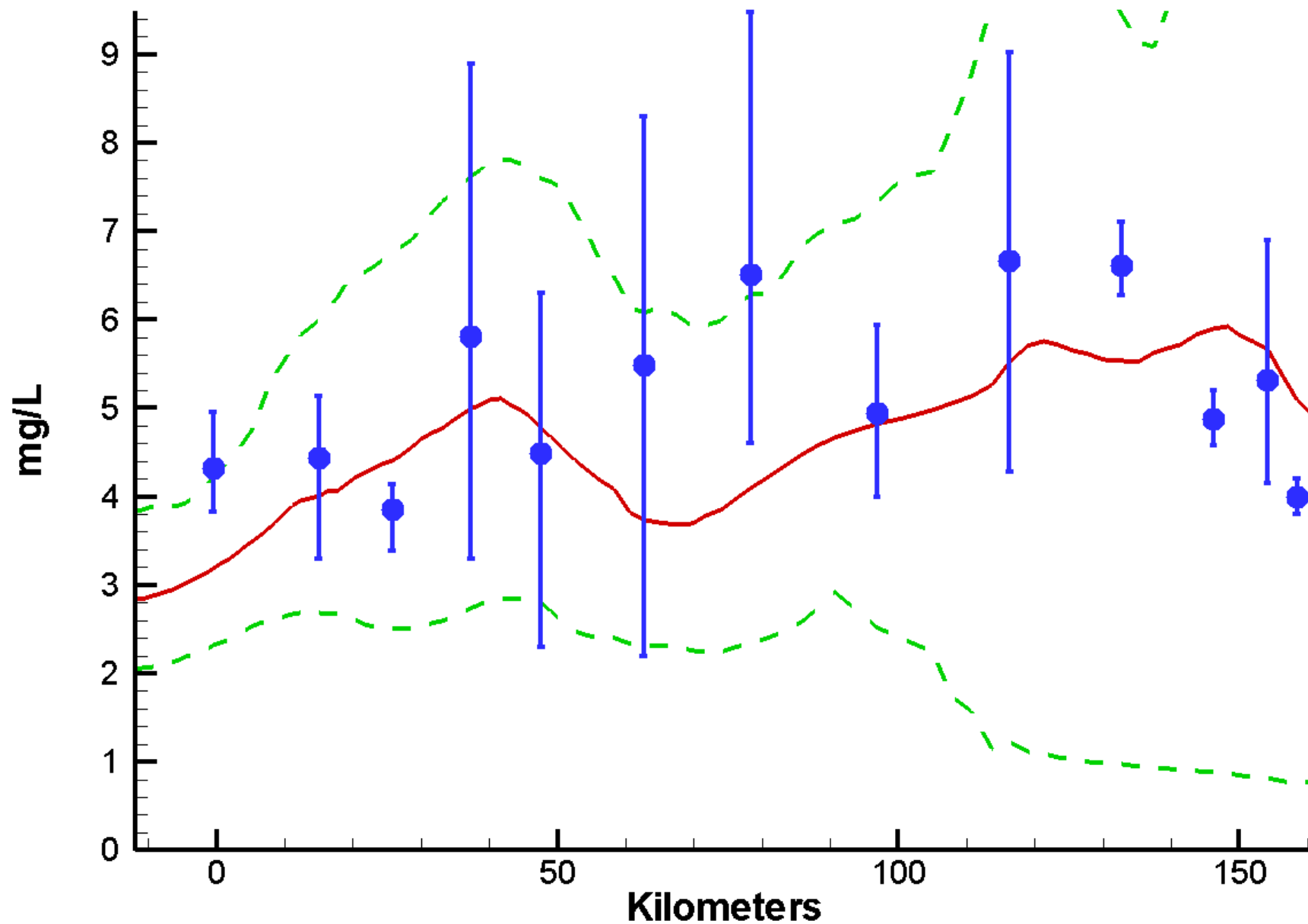
# Rappahannock River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1994



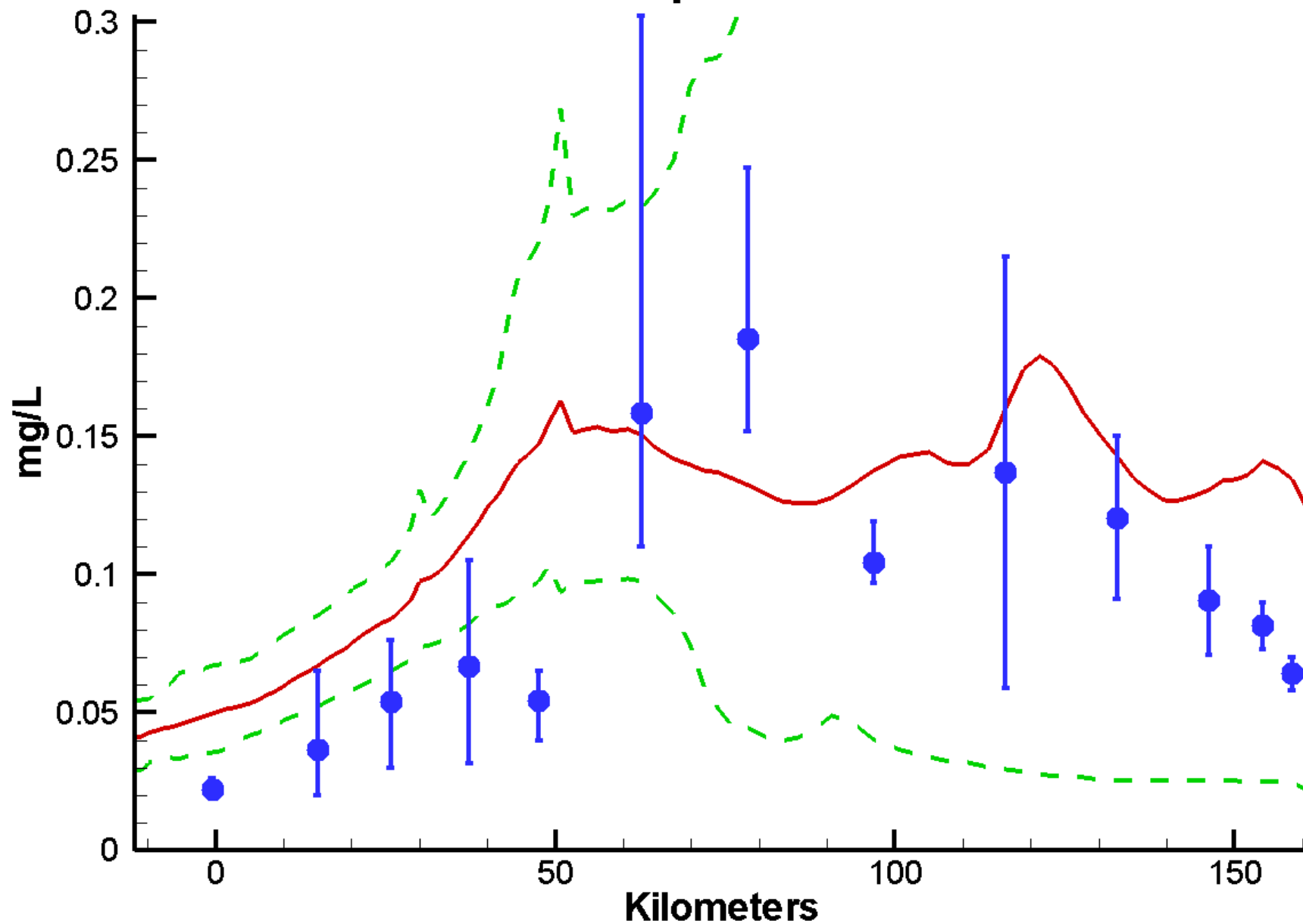
# Rappahannock River Ches2015 Run118

## Surface Total Organic Carbon Winter 1994



# Rappahannock River Ches2015 Run118

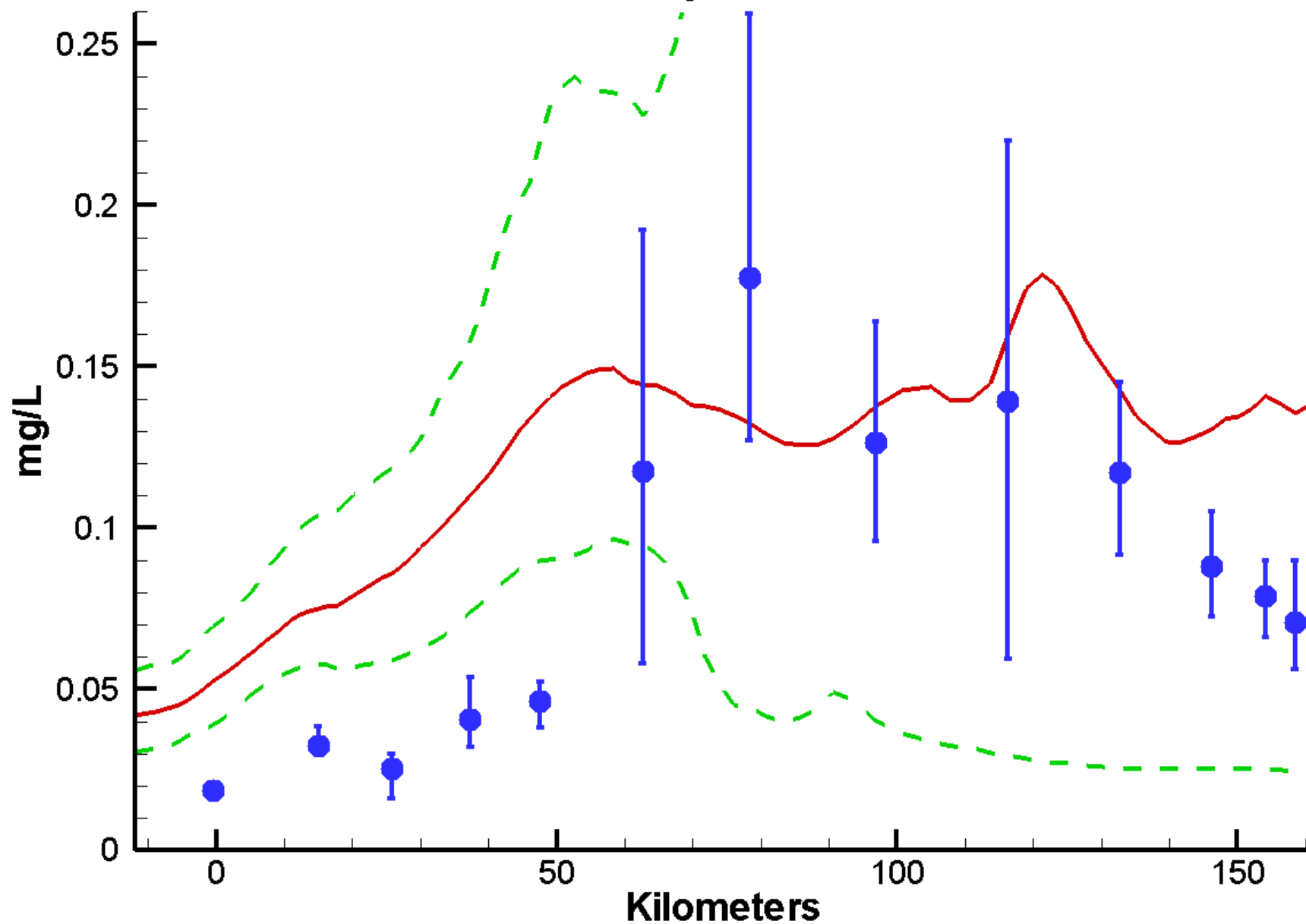
## Bottom Total Phosphorus Winter 1994





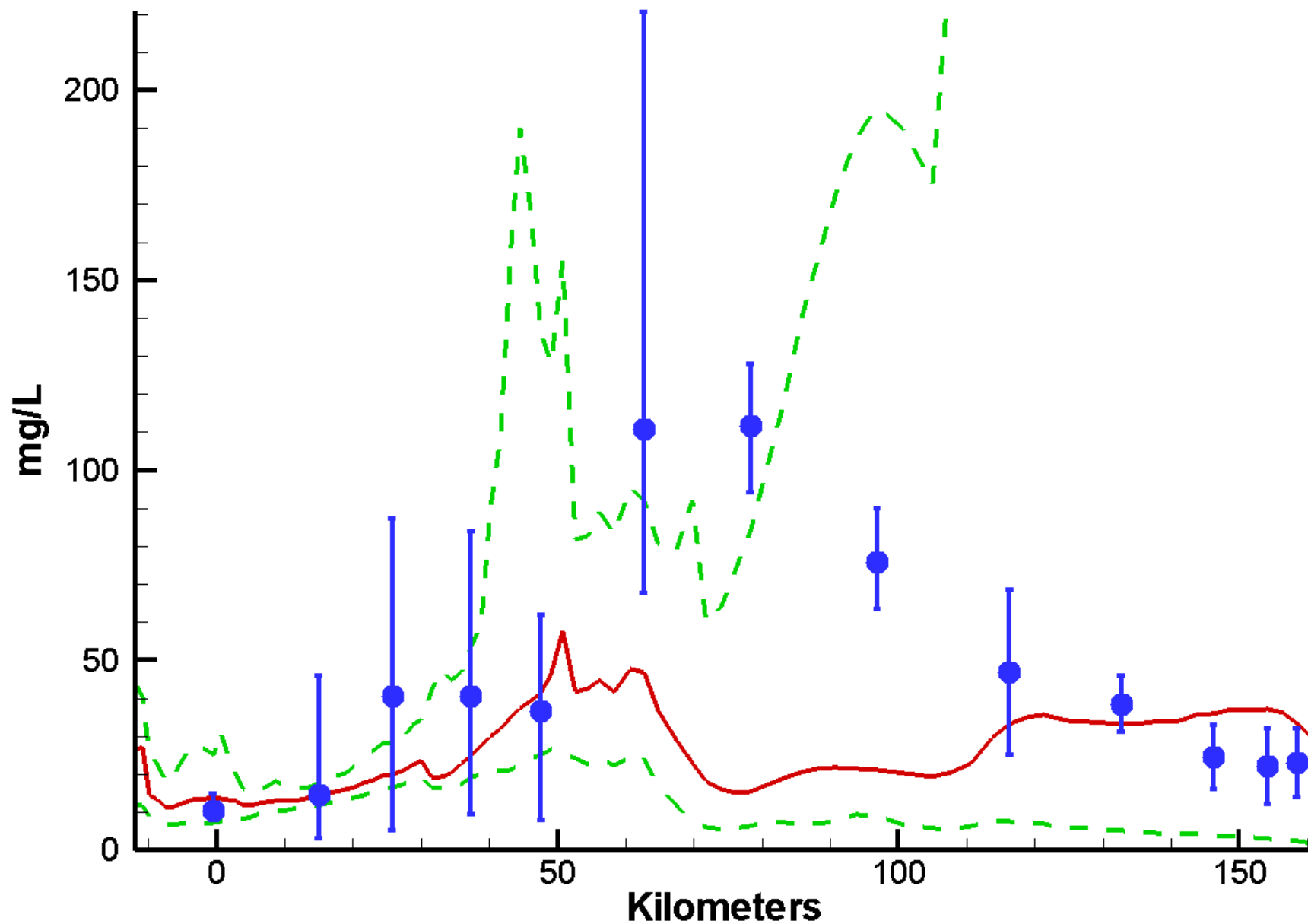
# Rappahannock River Ches2015 Run118

## Surface Total Phosphorus Winter 1994



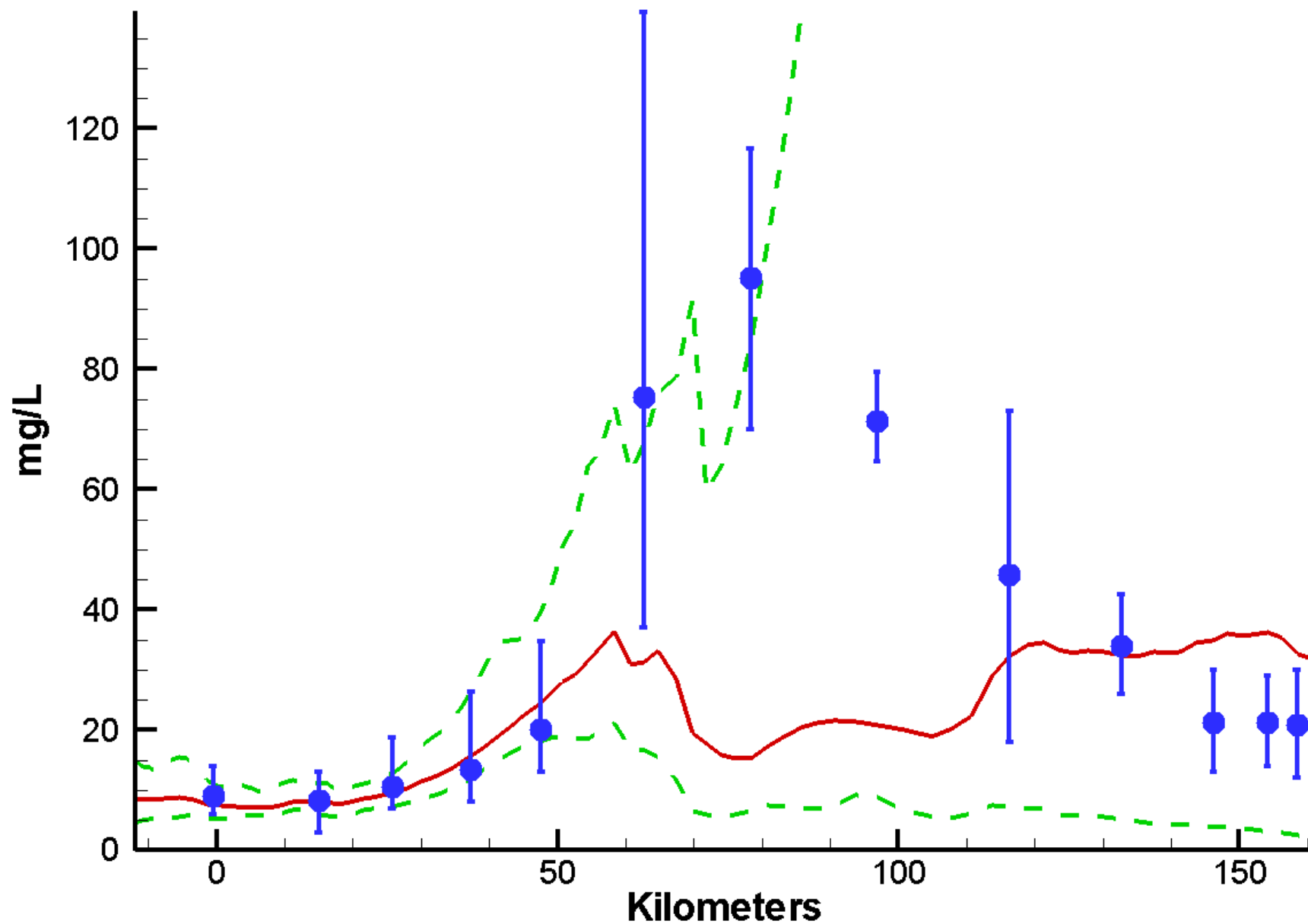
# Rappahannock River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1994



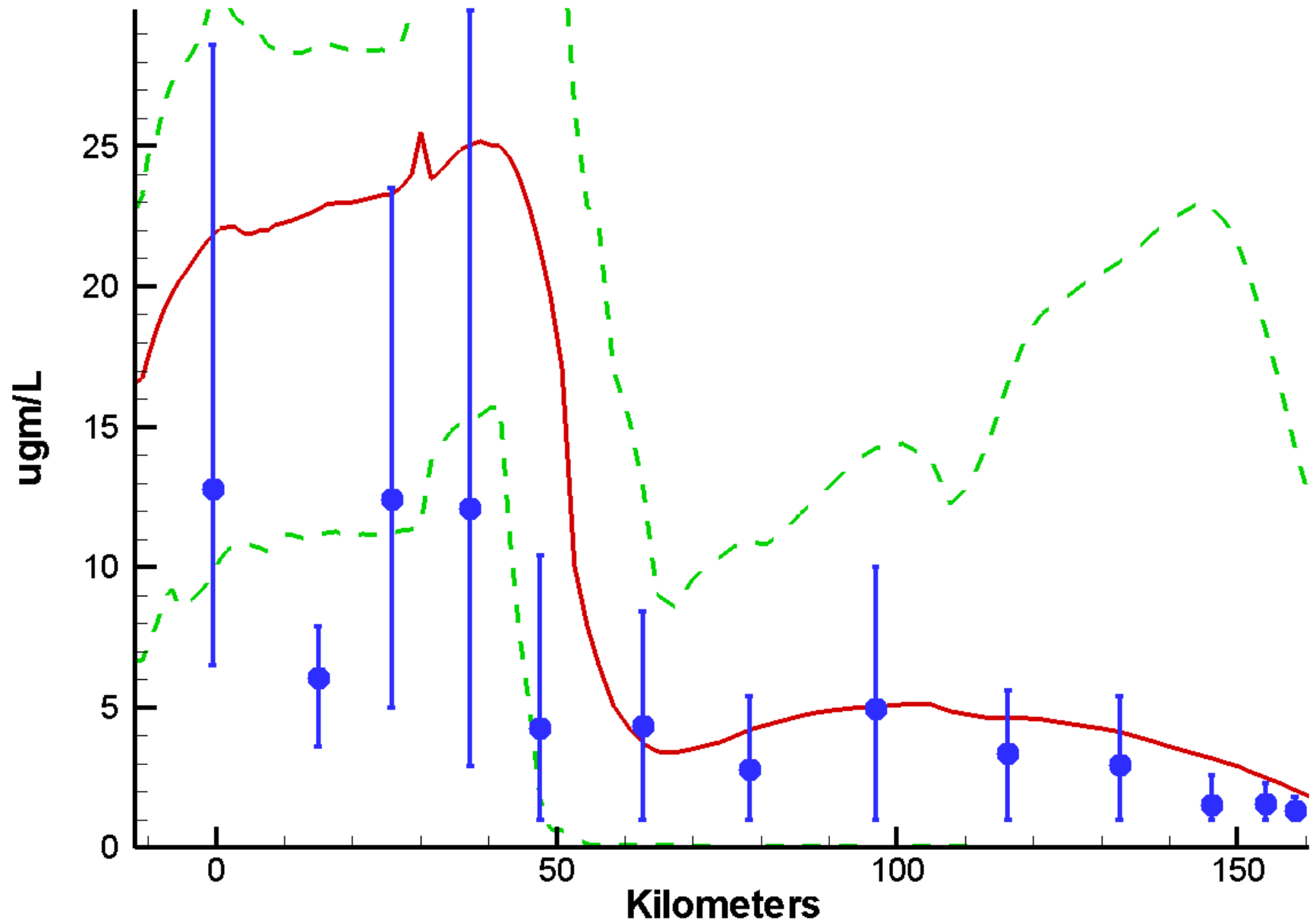
# Rappahannock River Ches2015 Run118

## Surface Total Suspended Solids Winter 1994



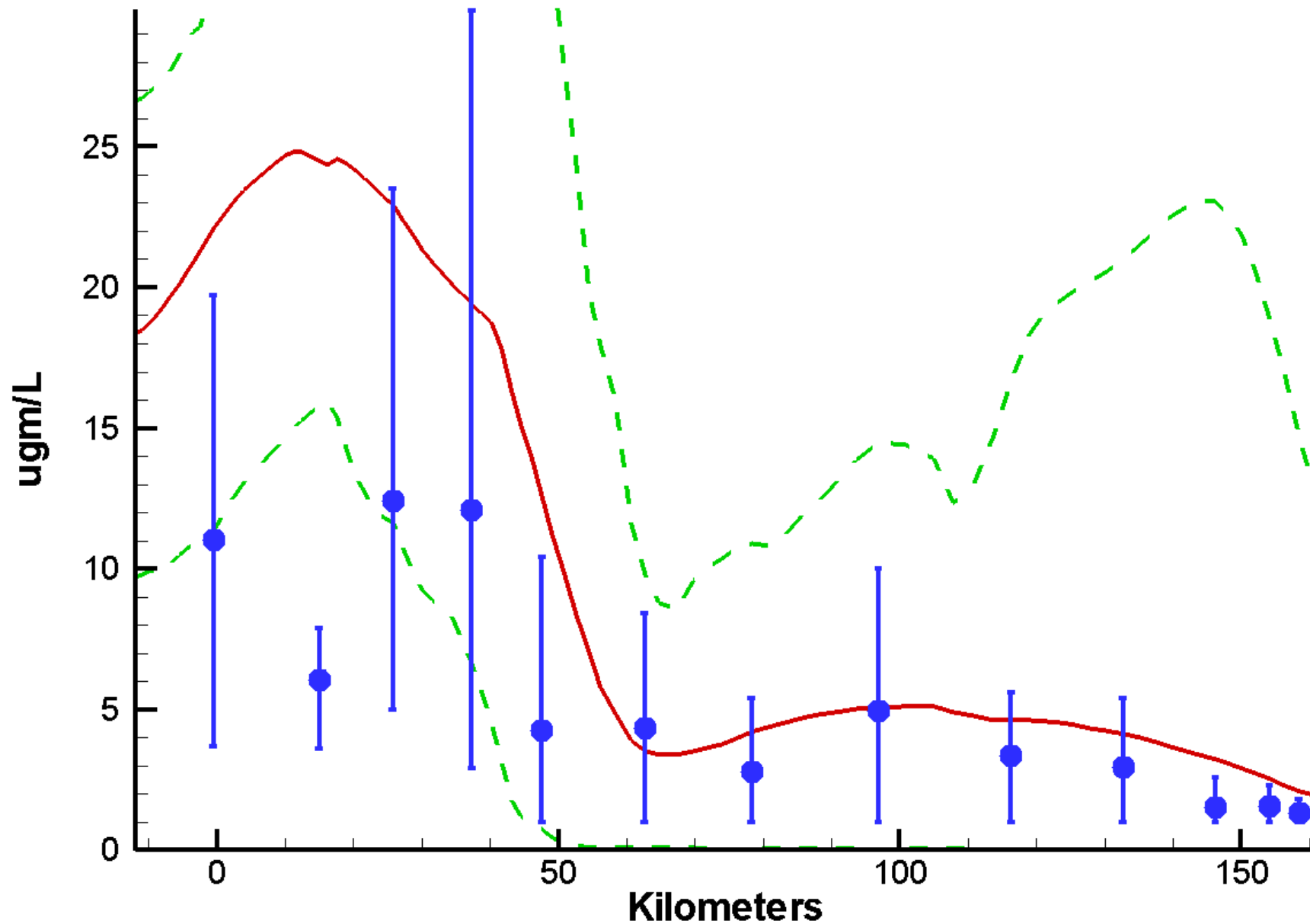
# Rappahannock River Ches2015 Run118

## Bottom Chlorophyll Spring 1994

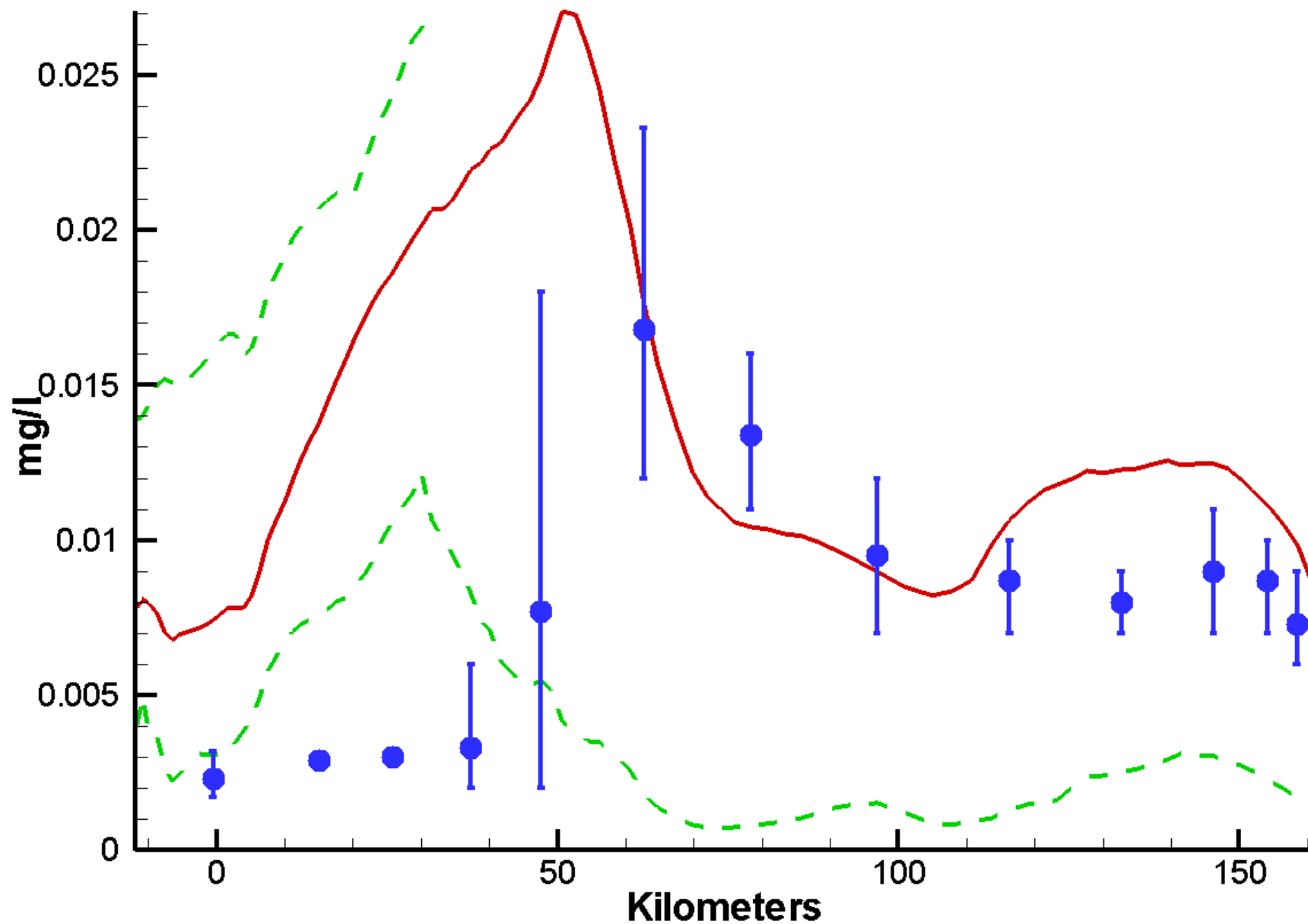


# Rappahannock River Ches2015 Run118

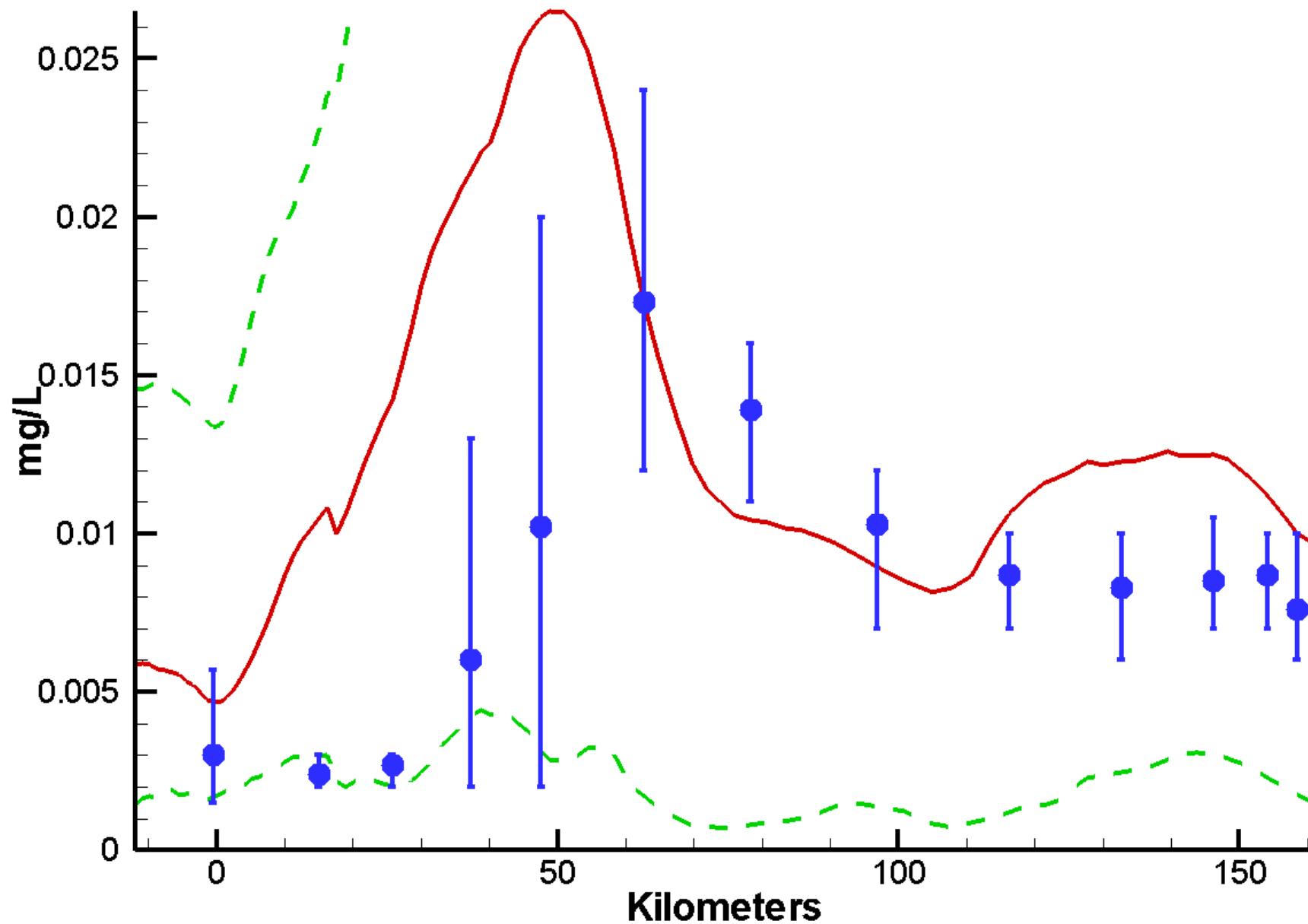
## Surface Chlorophyll Spring 1994



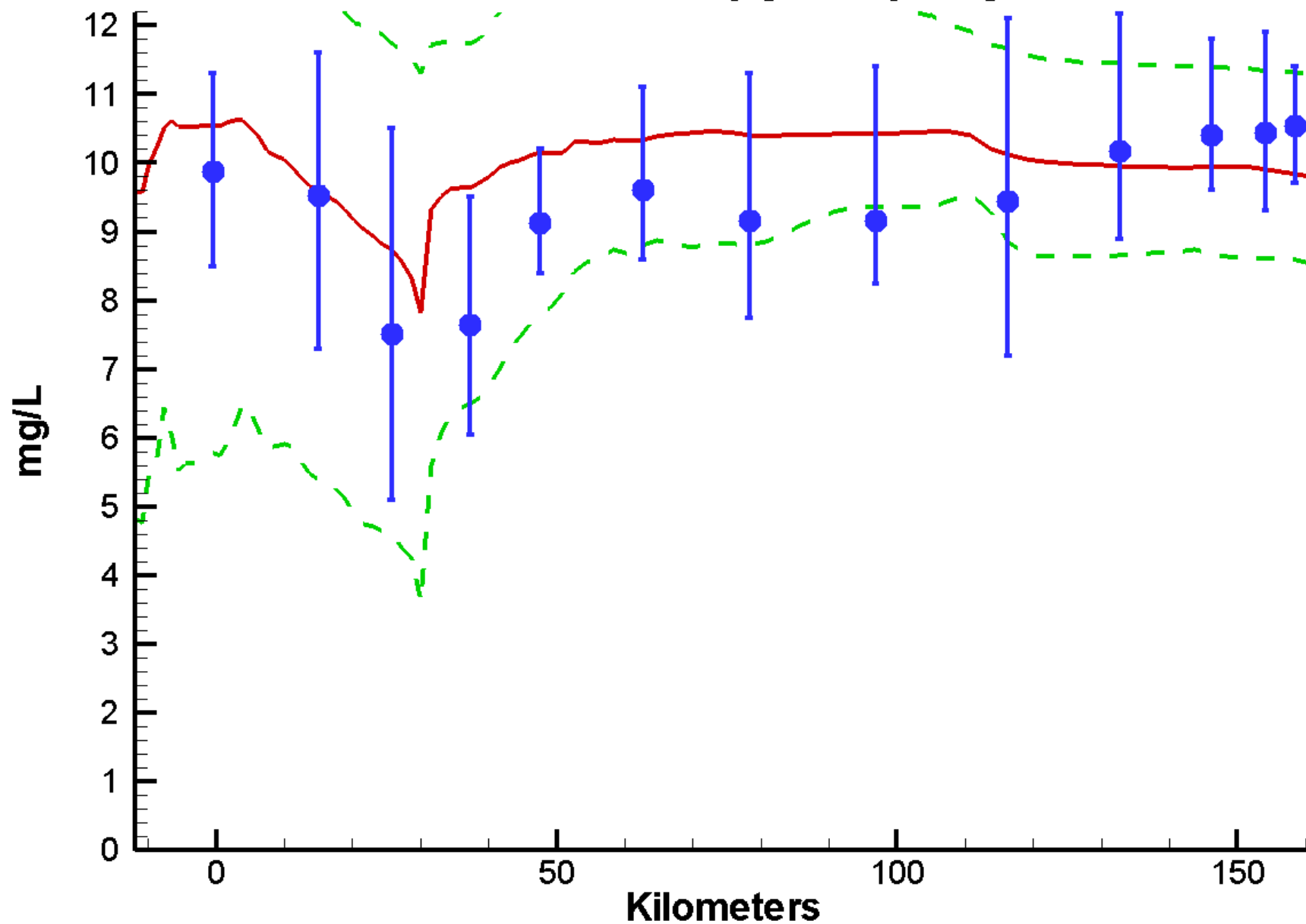
# Rappahannock River Ches2015 Run118 Bottom Dissolved Phosphate Spring 1994



# Rappahannock River Ches2015 Run118 Surface Dissolved Phosphate Spring 1994

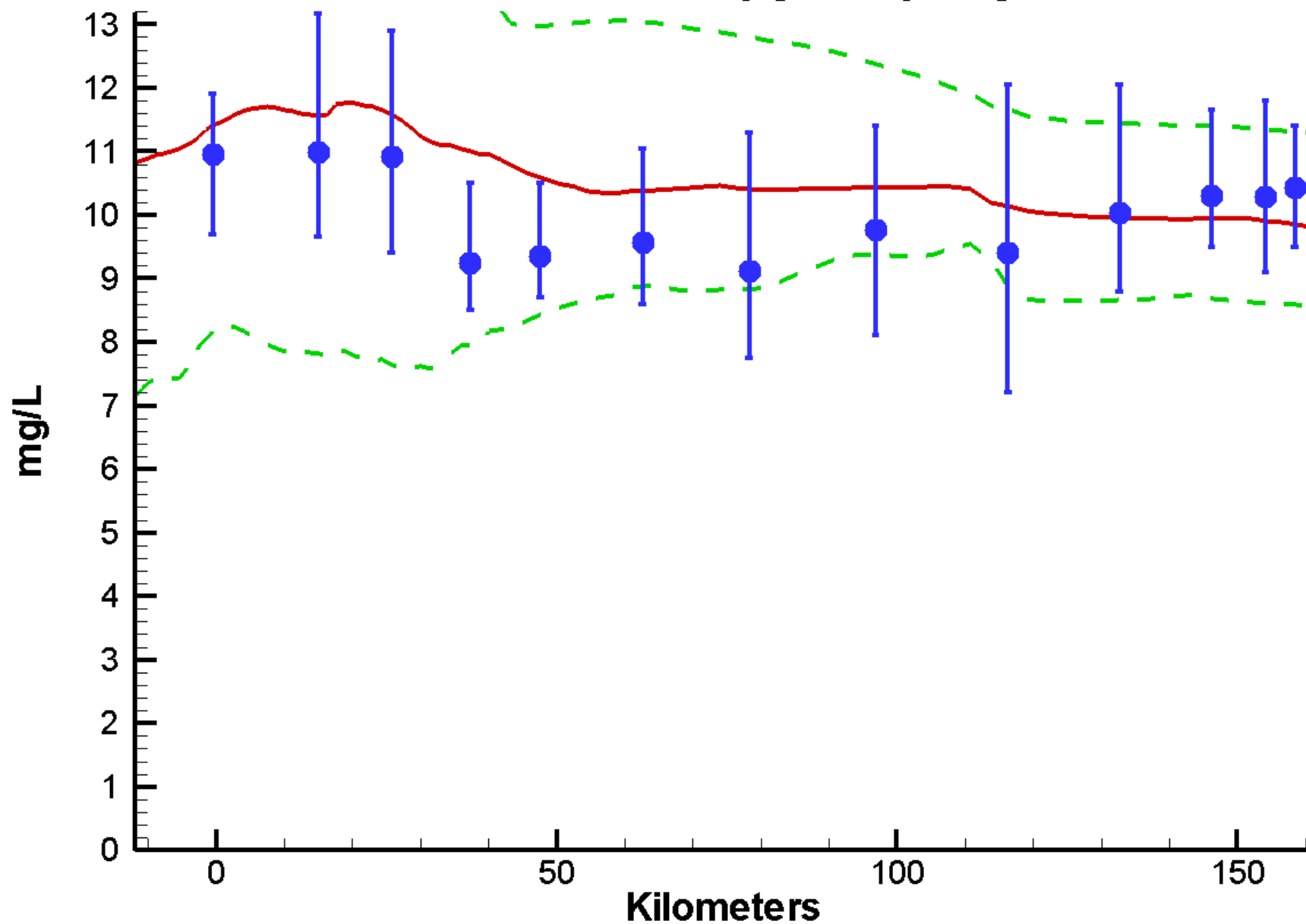


# Rappahannock River Ches2015 Run118 Bottom Dissolved Oxygen Spring 1994

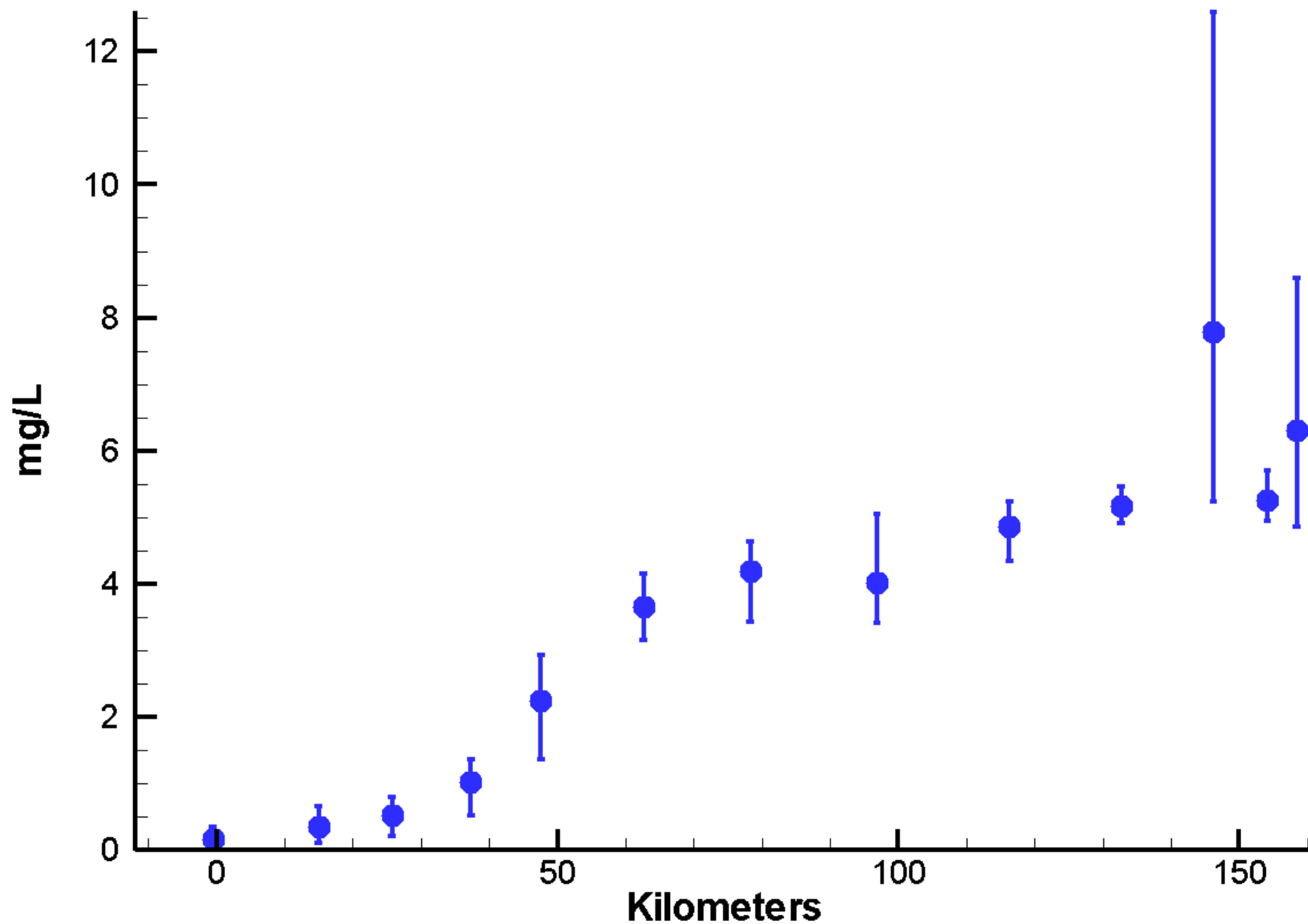




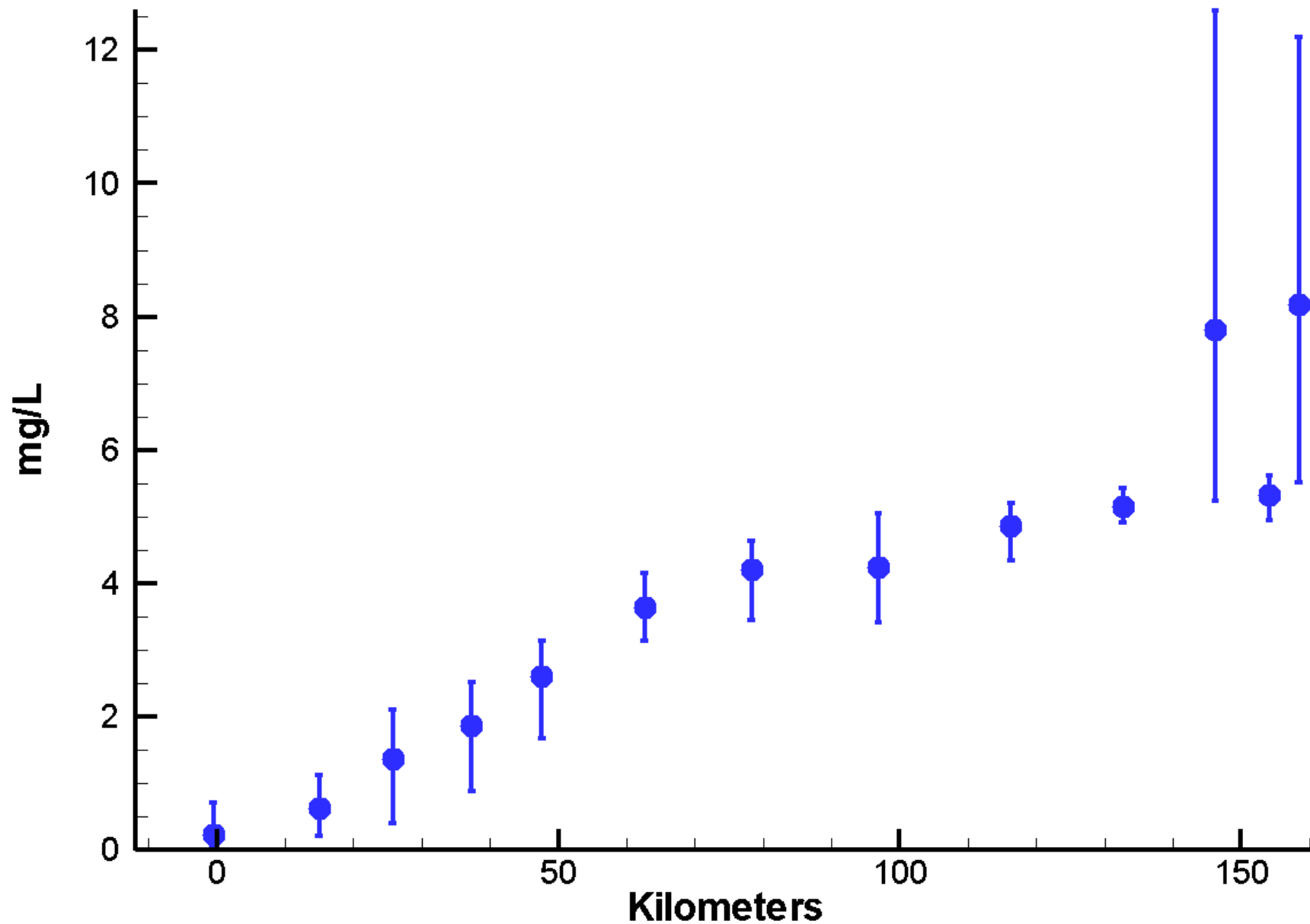
# Rappahannock River Ches2015 Run118 Surface Dissolved Oxygen Spring 1994



# Rappahannock River Ches2015 Run118 Bottom Dissolved Silica Spring 1994

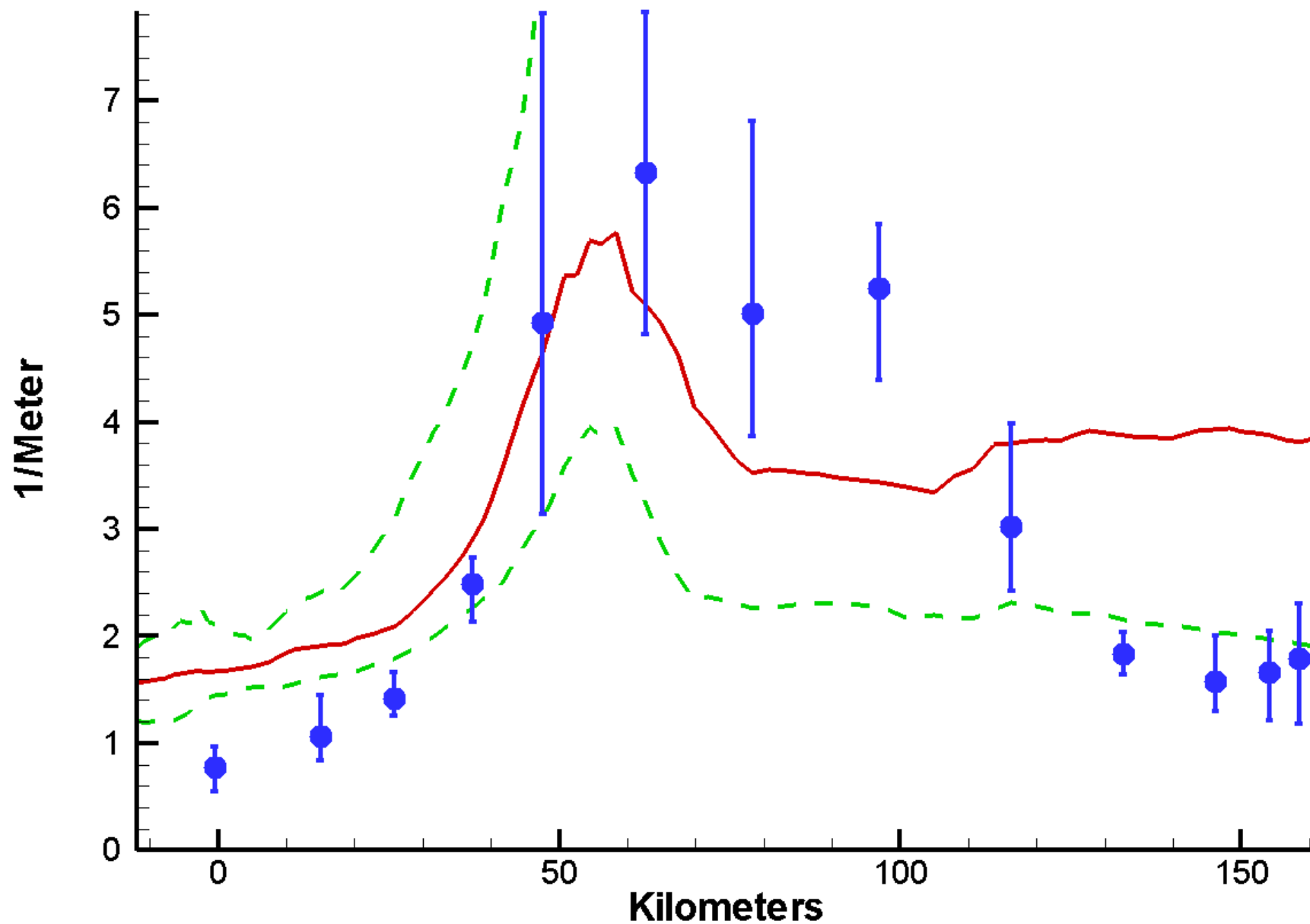


# Rappahannock River Ches2015 Run118 Surface Dissolved Silica Spring 1994



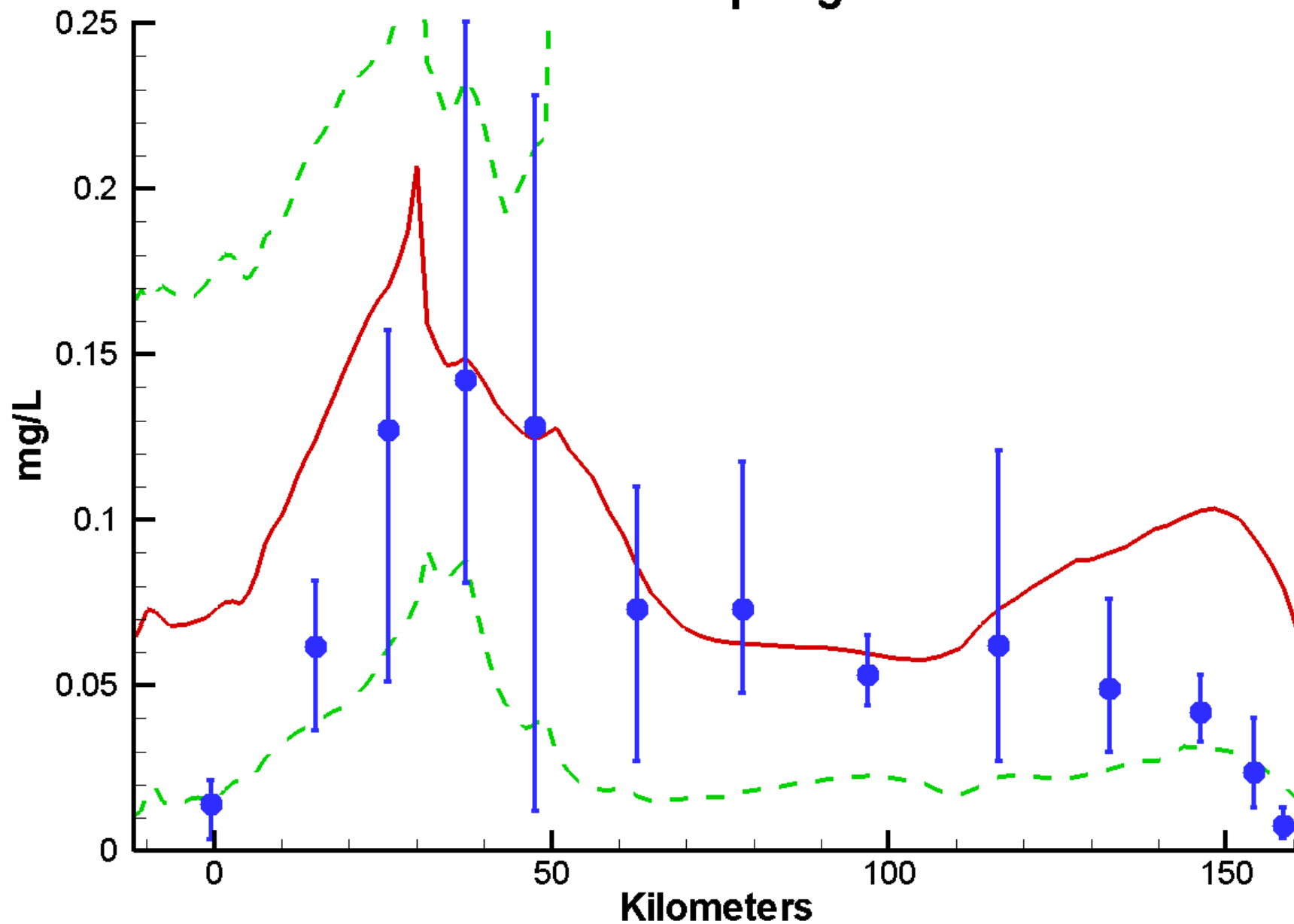
# Rappahannock River Ches2015 Run118

## Surface Light Extinction Spring 1994

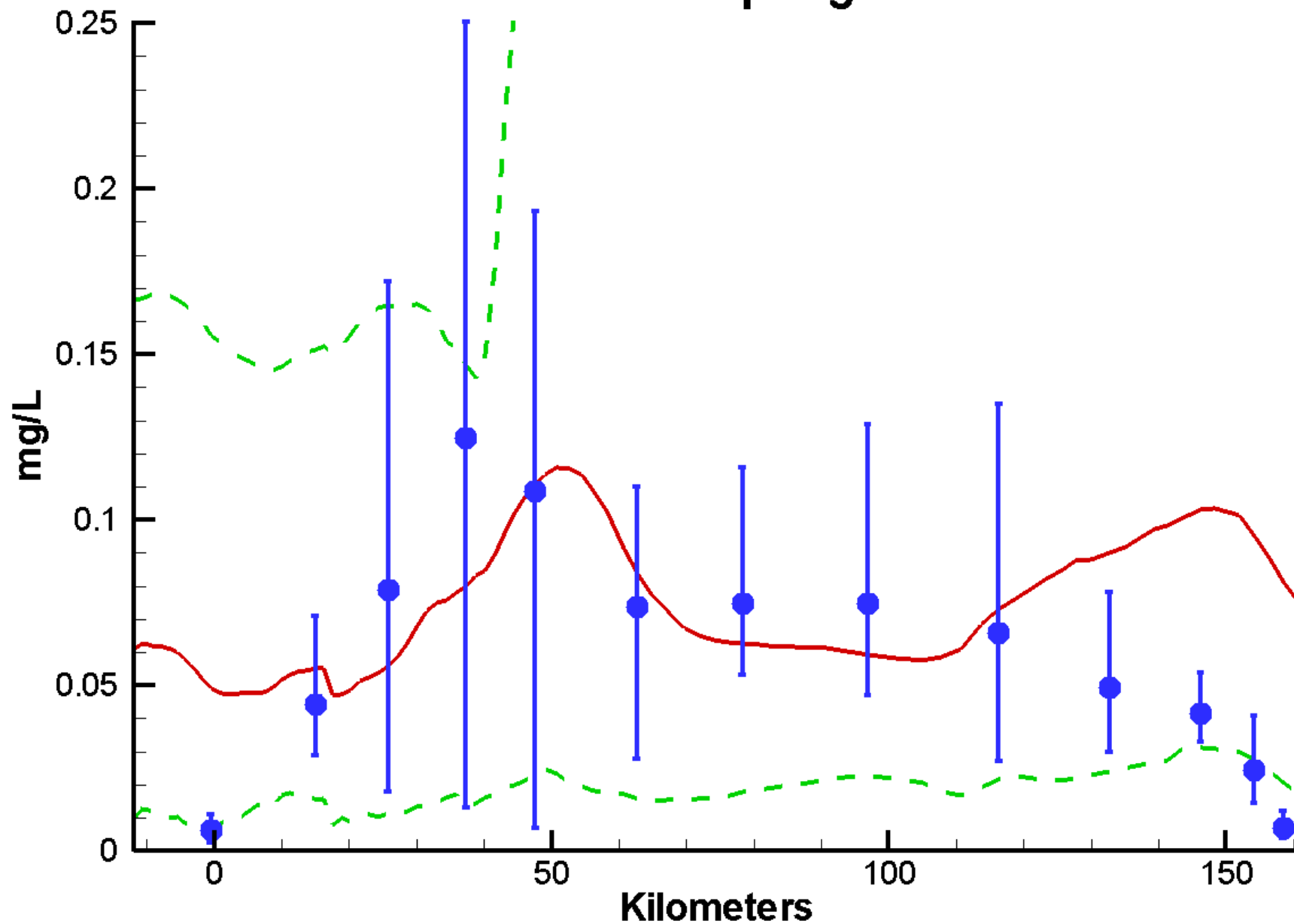


# Rappahannock River Ches2015 Run118

## Bottom Ammonium Spring 1994

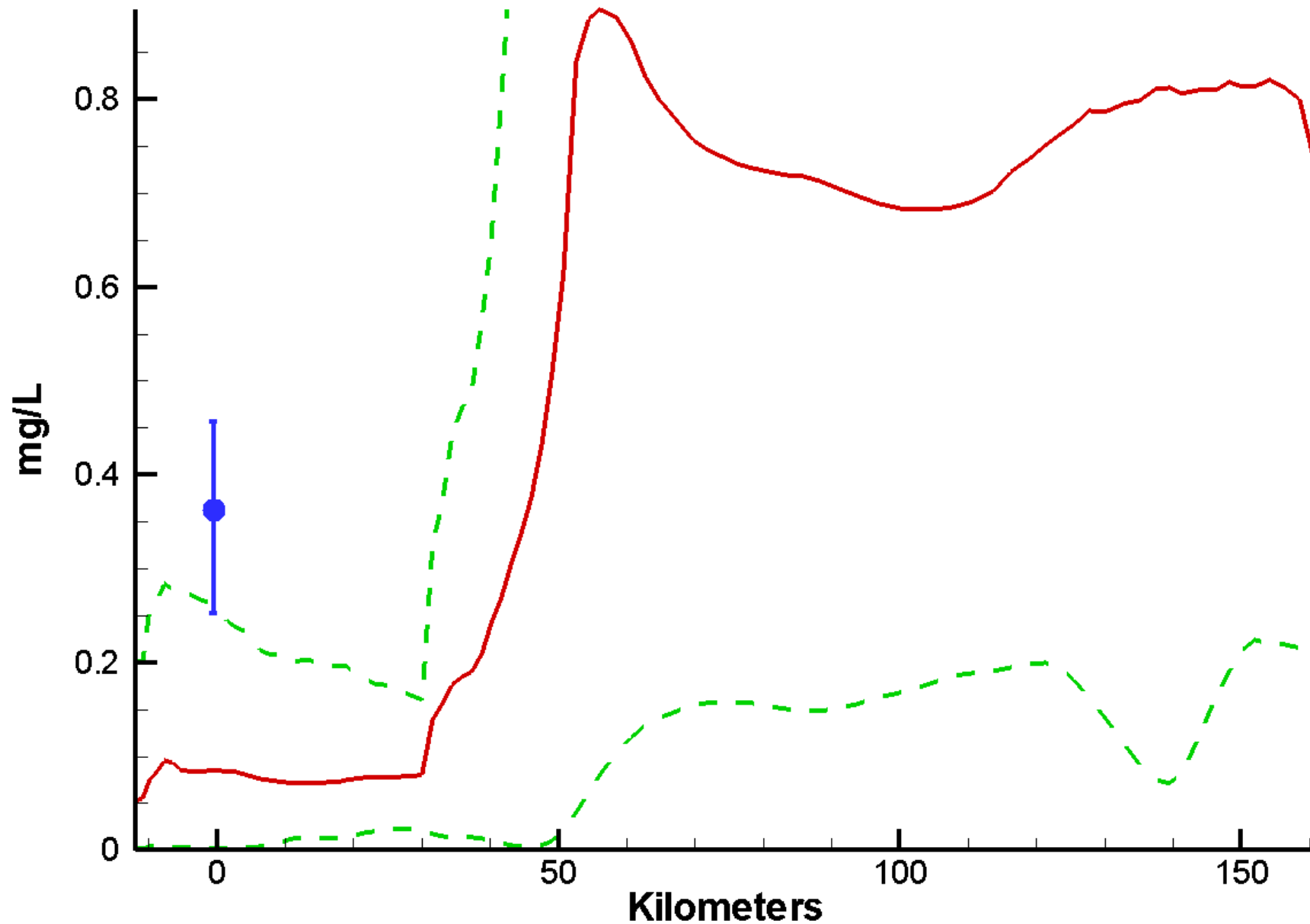


# Rappahannock River Ches2015 Run118 Surface Ammonium Spring 1994



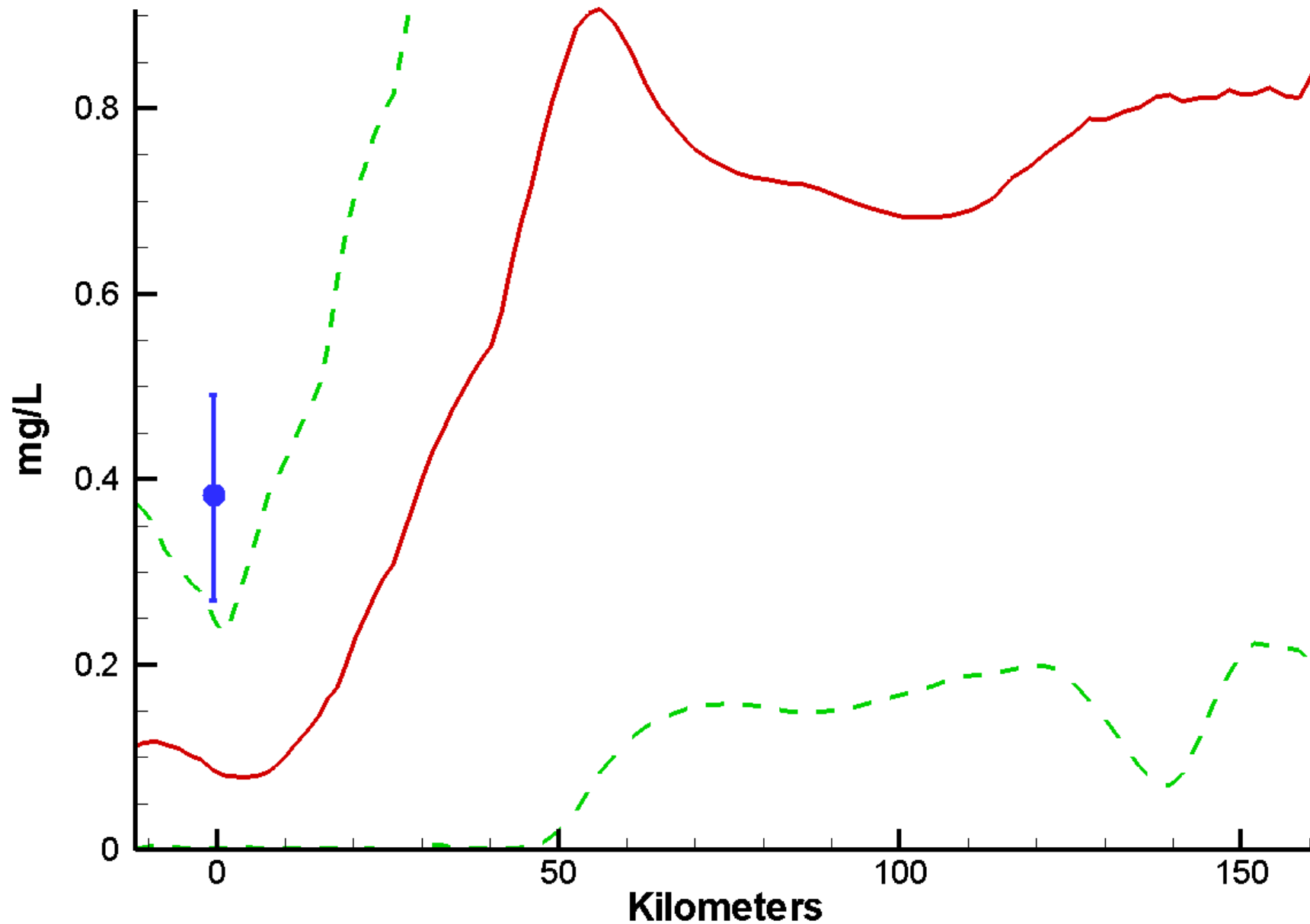
# Rappahannock River Ches2015 Run118

## Bottom Nitrate Spring 1994



# Rappahannock River Ches2015 Run118

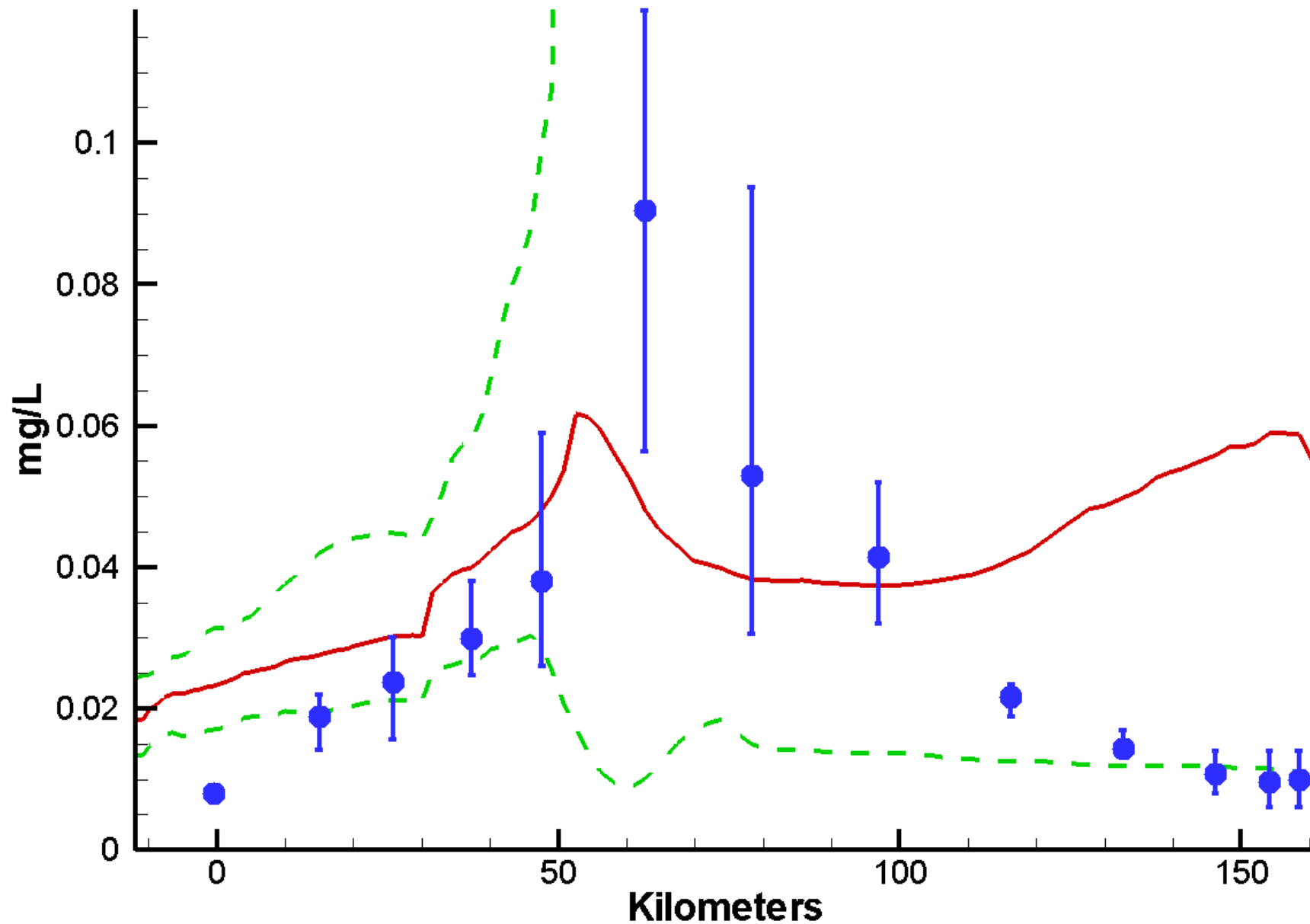
## Surface Nitrate Spring 1994





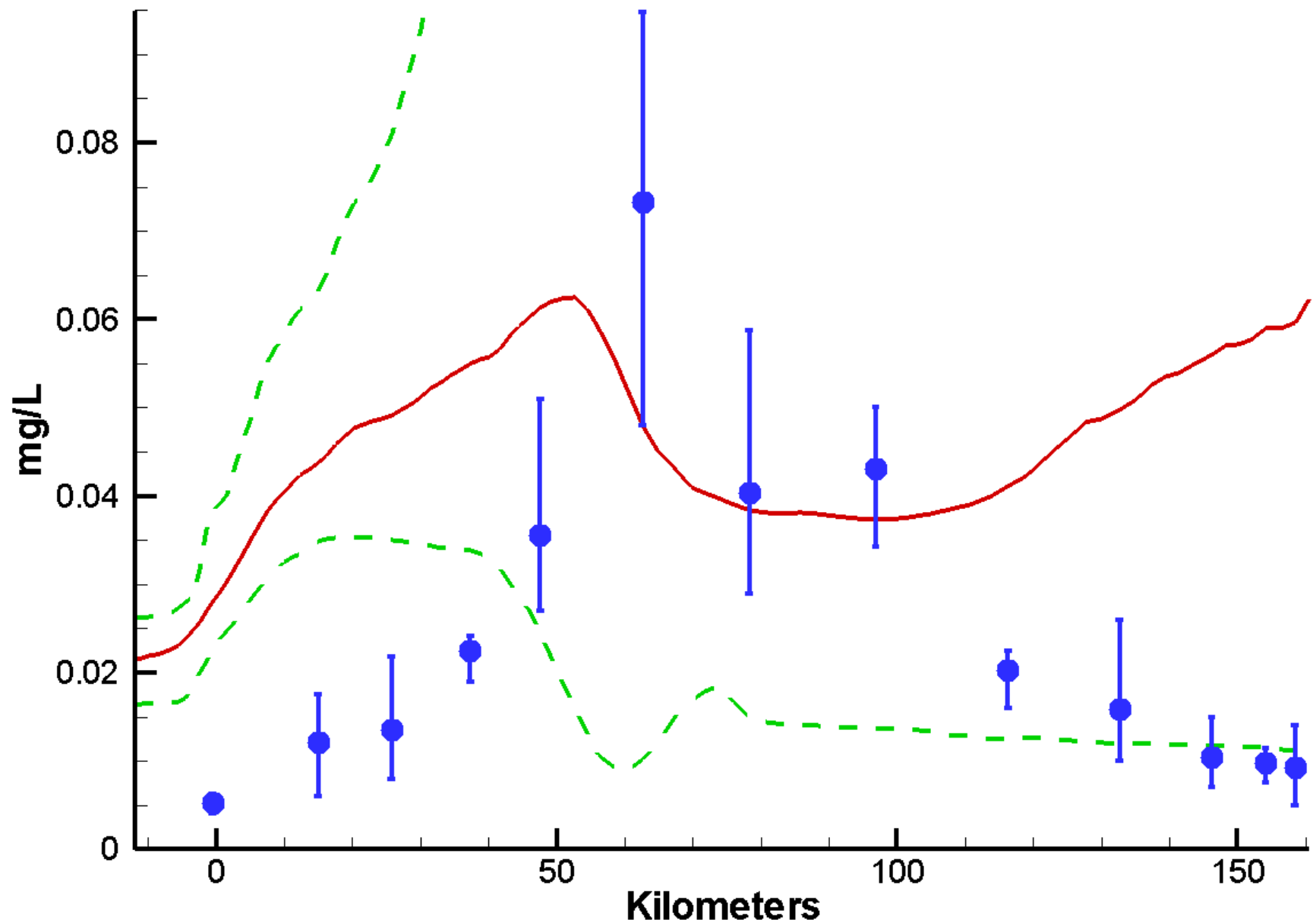
# Rappahannock River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1994



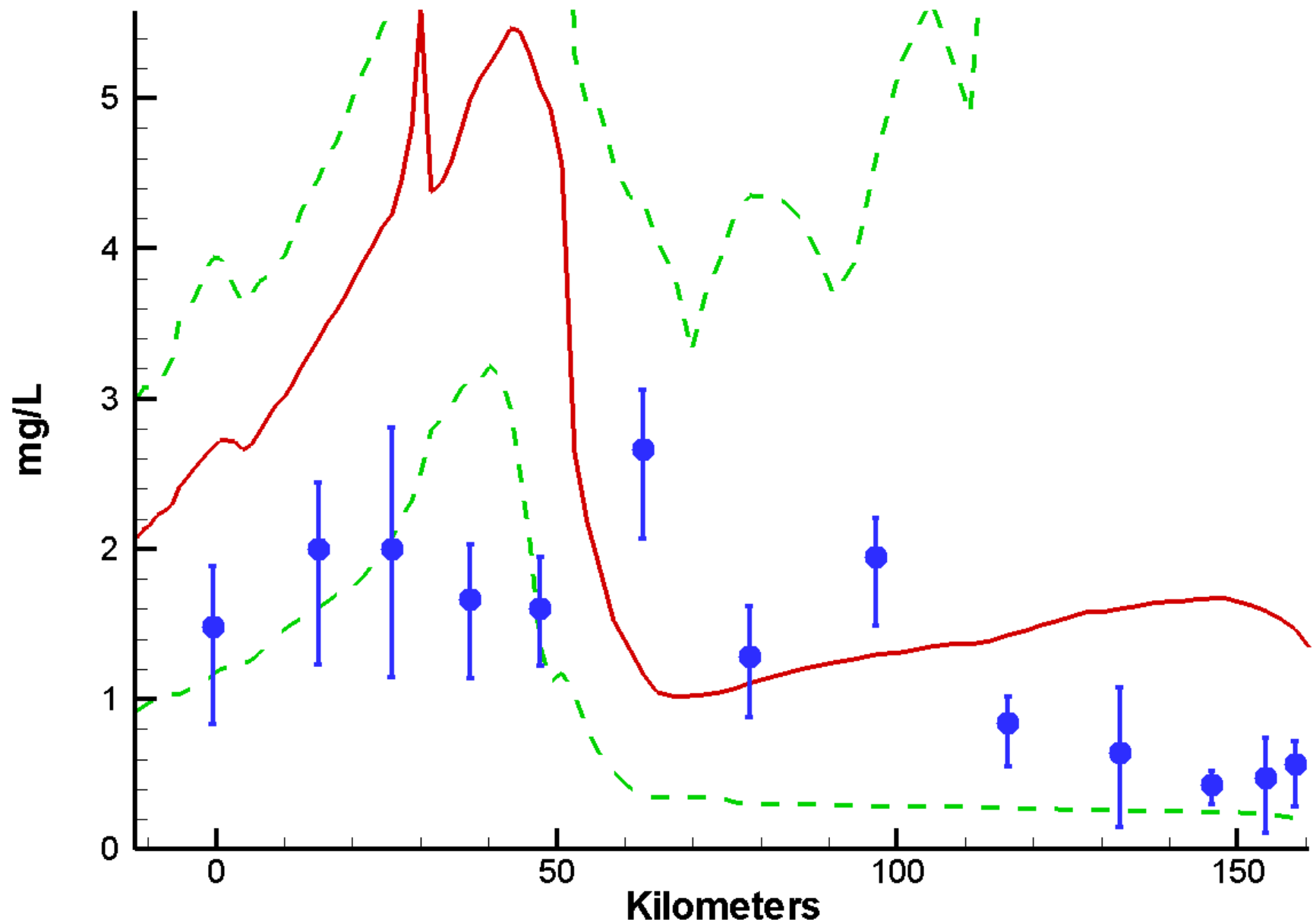
# Rappahannock River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1994



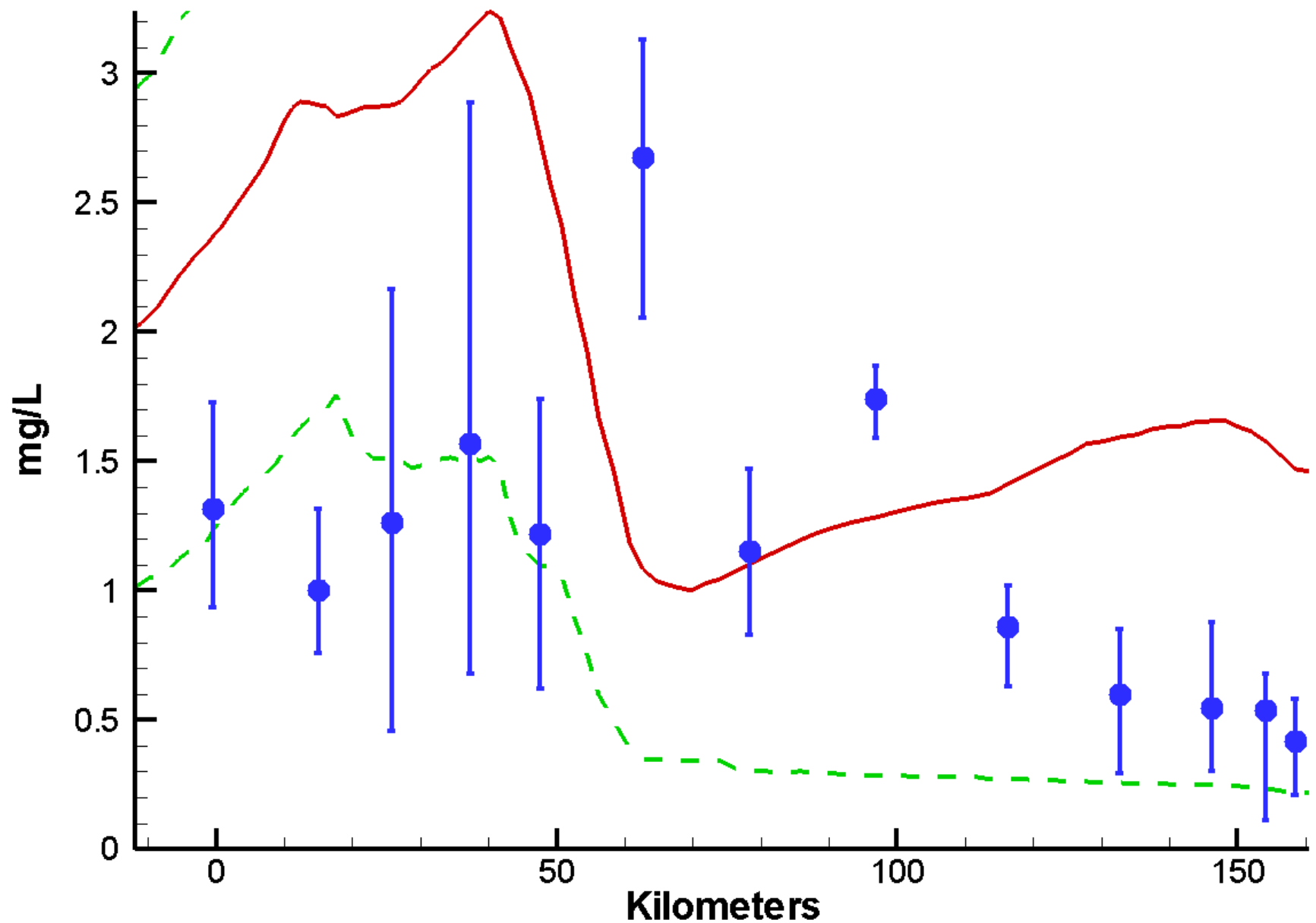
# Rappahannock River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1994

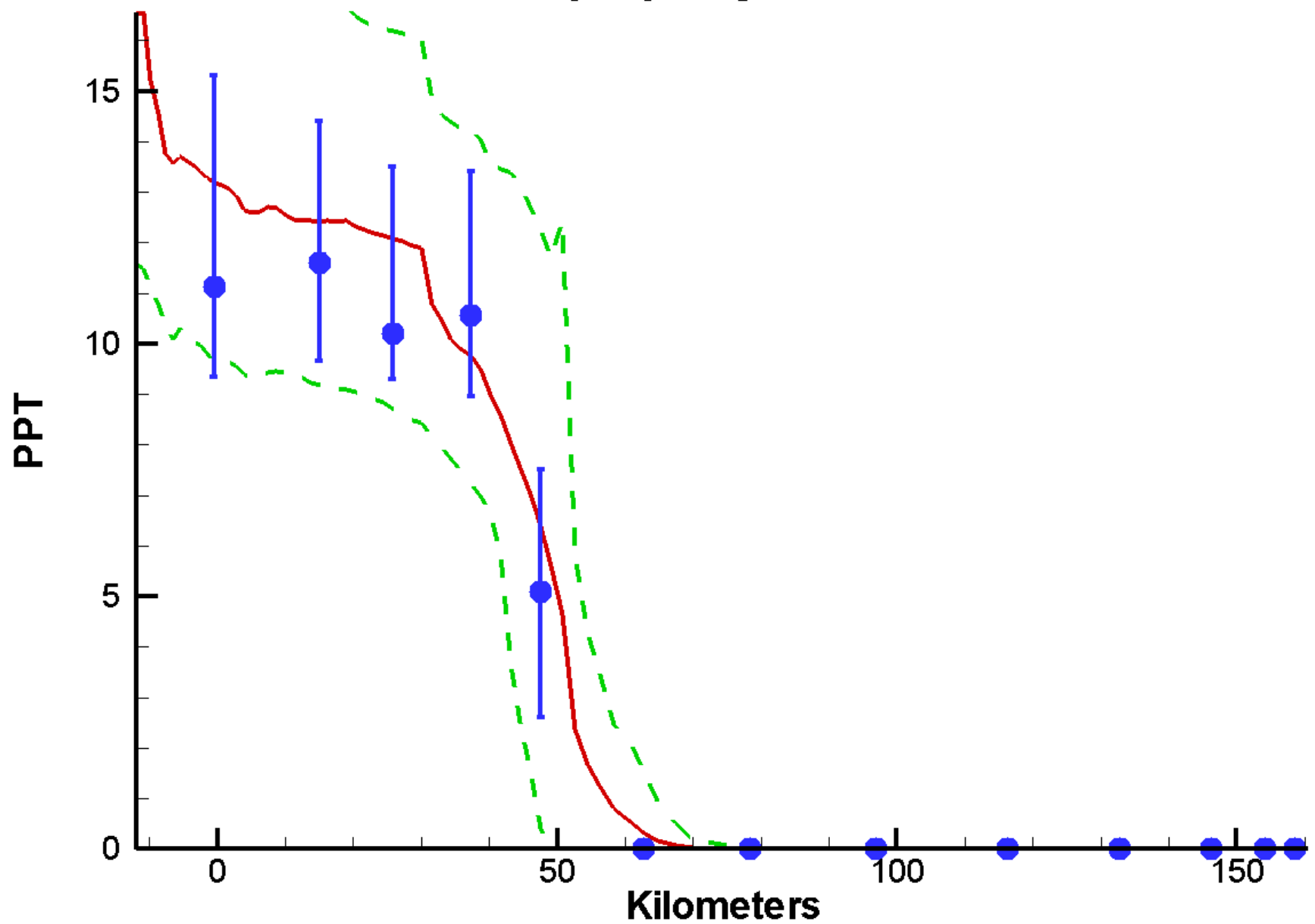


# Rappahannock River Ches2015 Run118

## Surface Particulate Organic Carbon Spring 1994

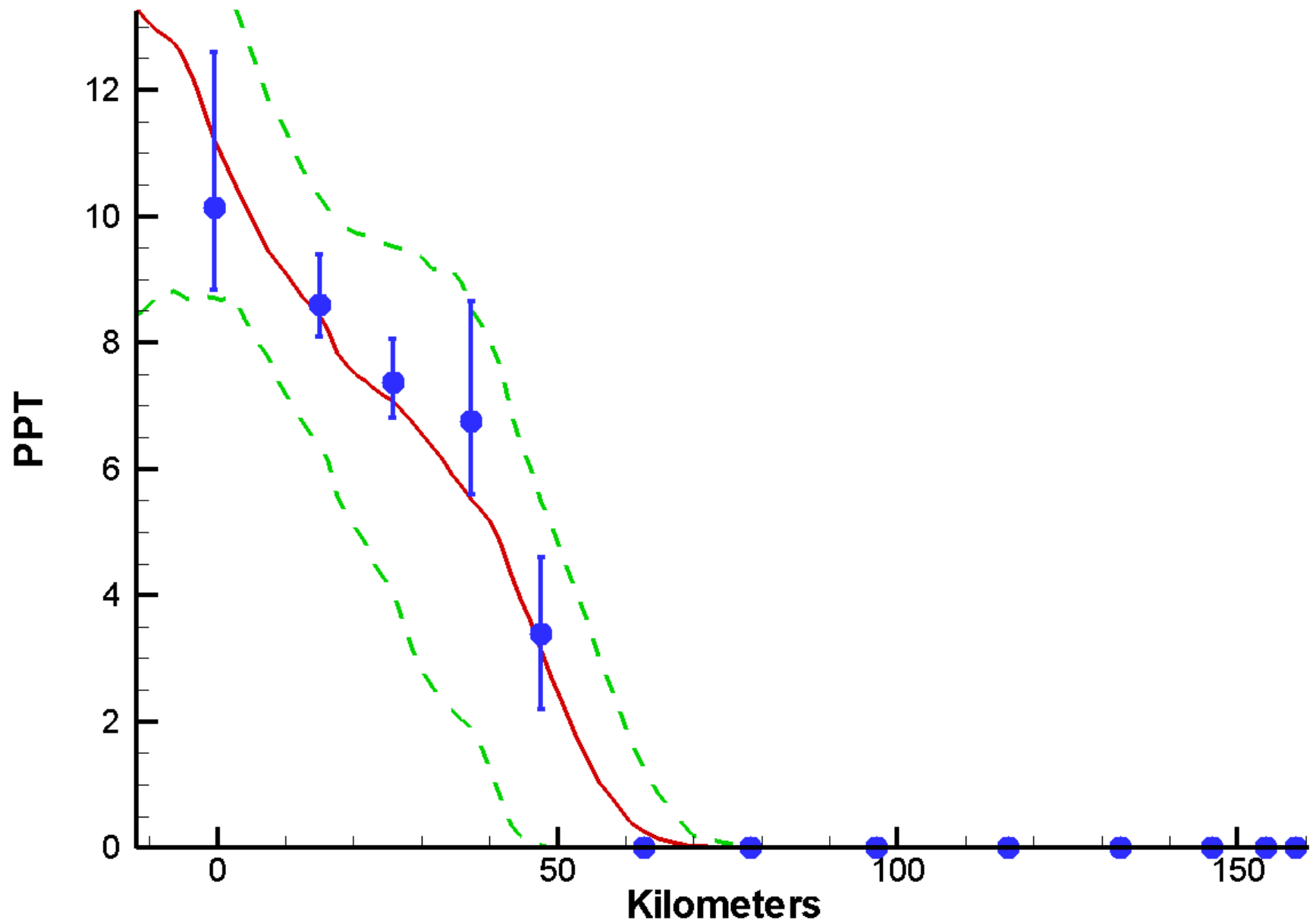


# Rappahannock River Ches2015 Run118 Bottom Salinity Spring 1994



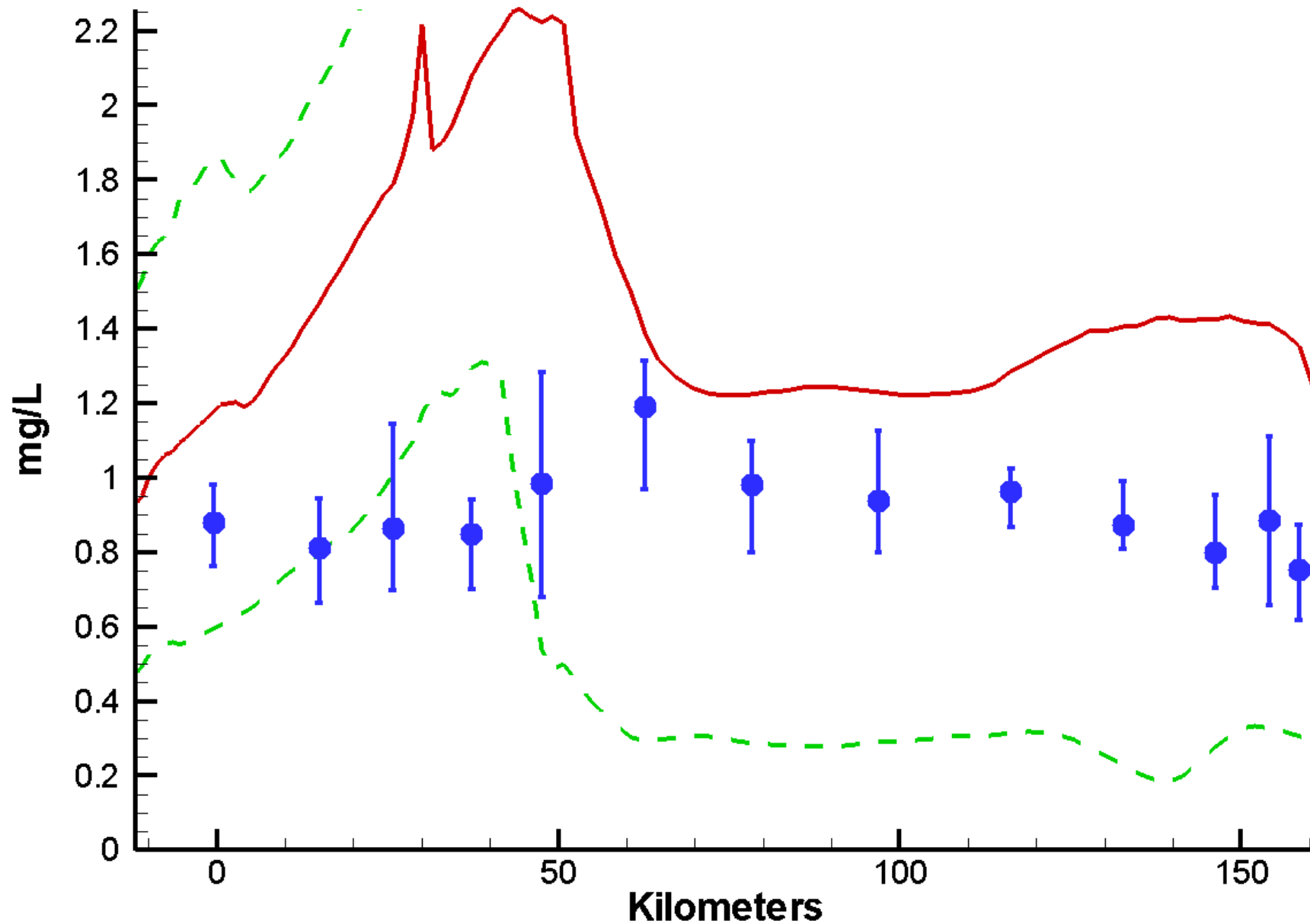
# Rappahannock River Ches2015 Run118

## Surface Salinity Spring 1994



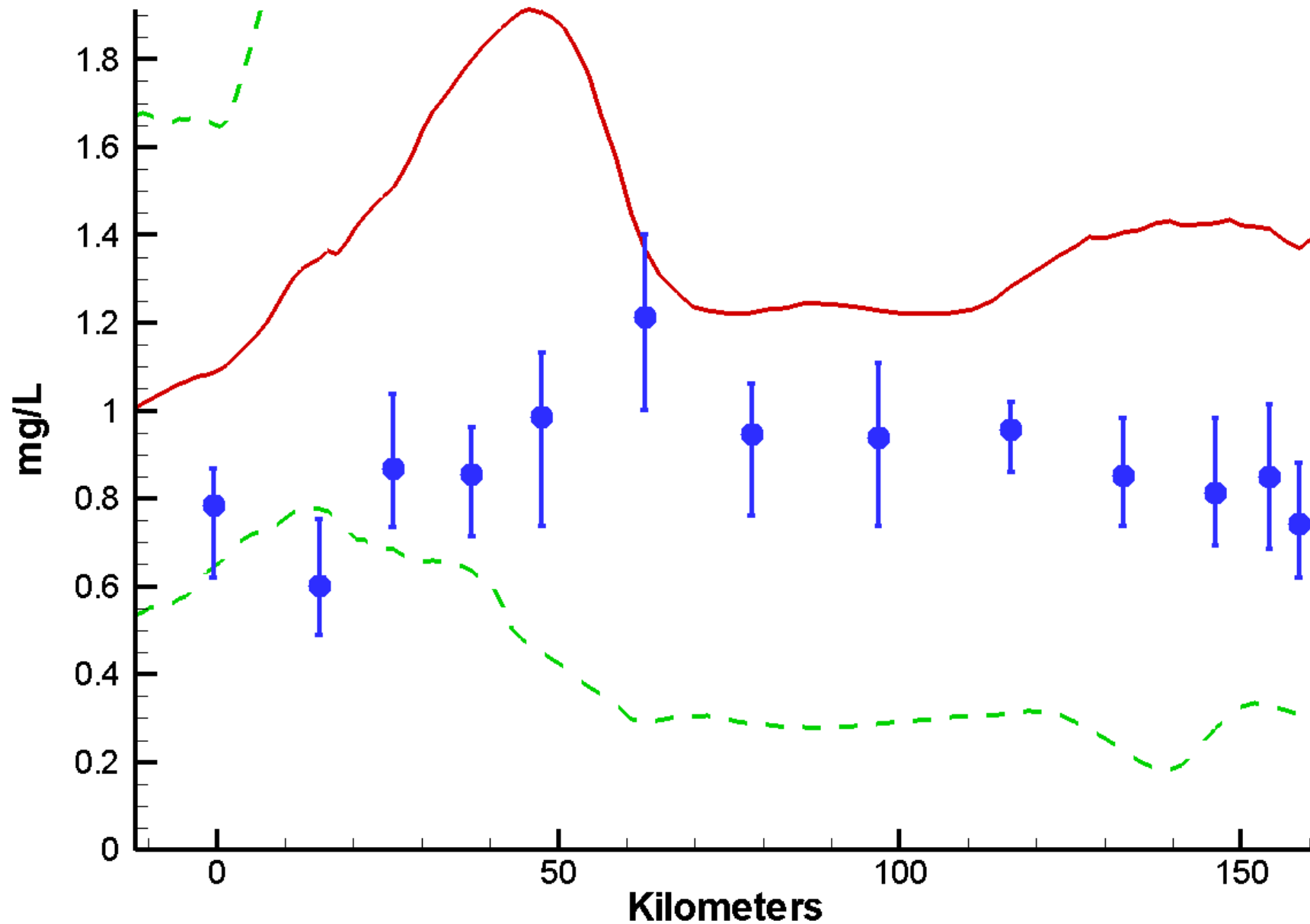
# Rappahannock River Ches2015 Run118

## Bottom Total Nitrogen Spring 1994



# Rappahannock River Ches2015 Run118

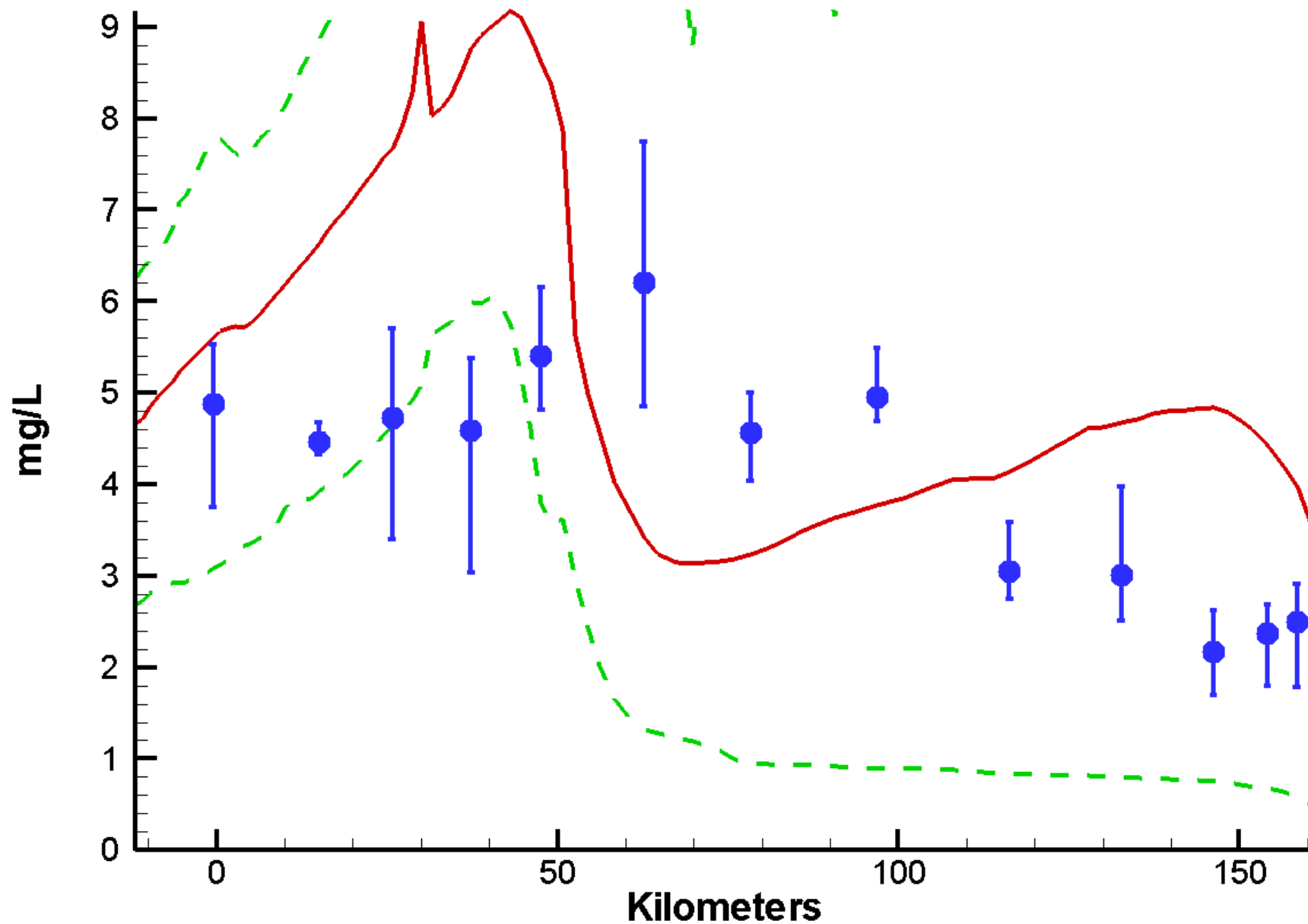
## Surface Total Nitrogen Spring 1994



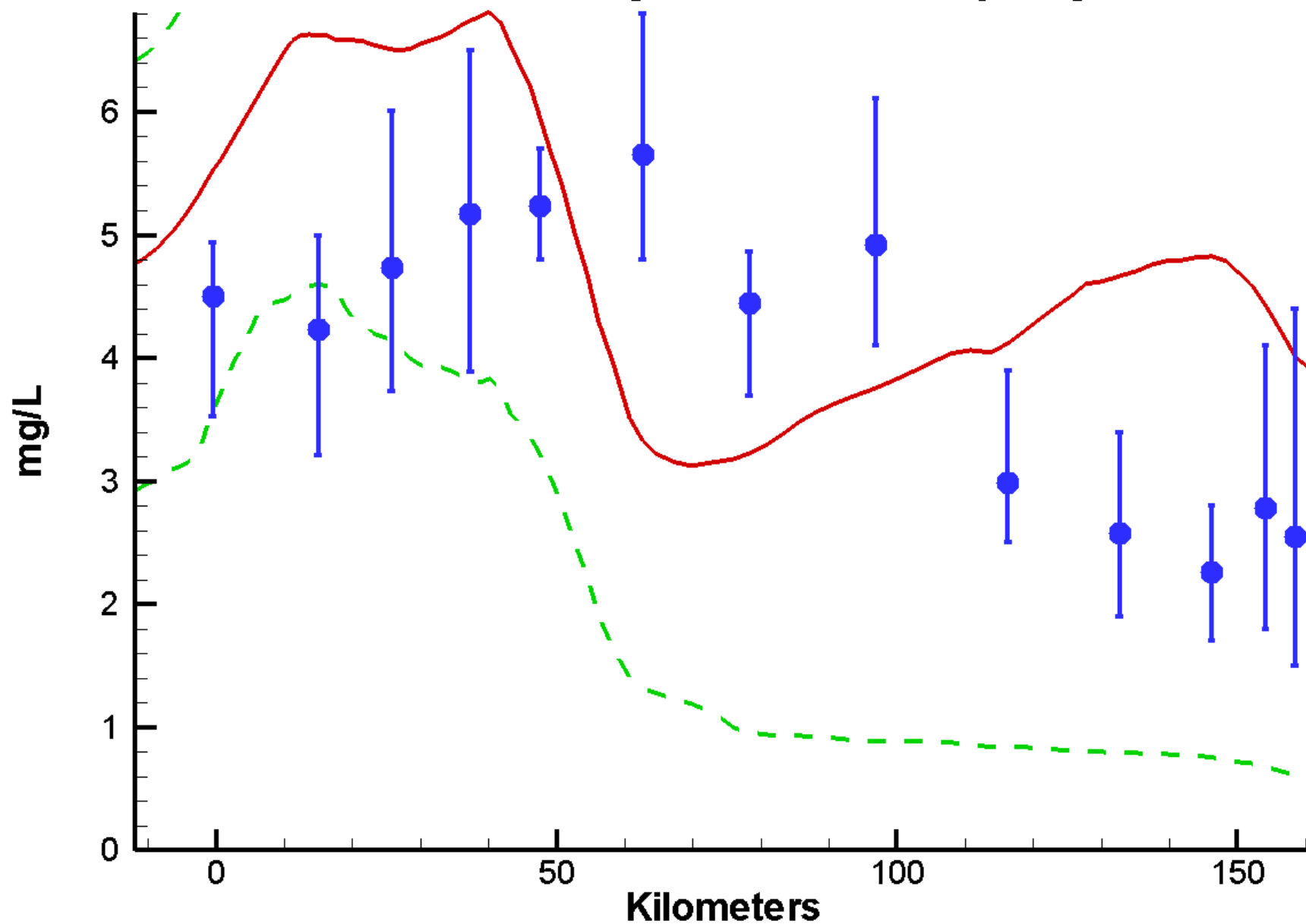


# Rappahannock River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1994

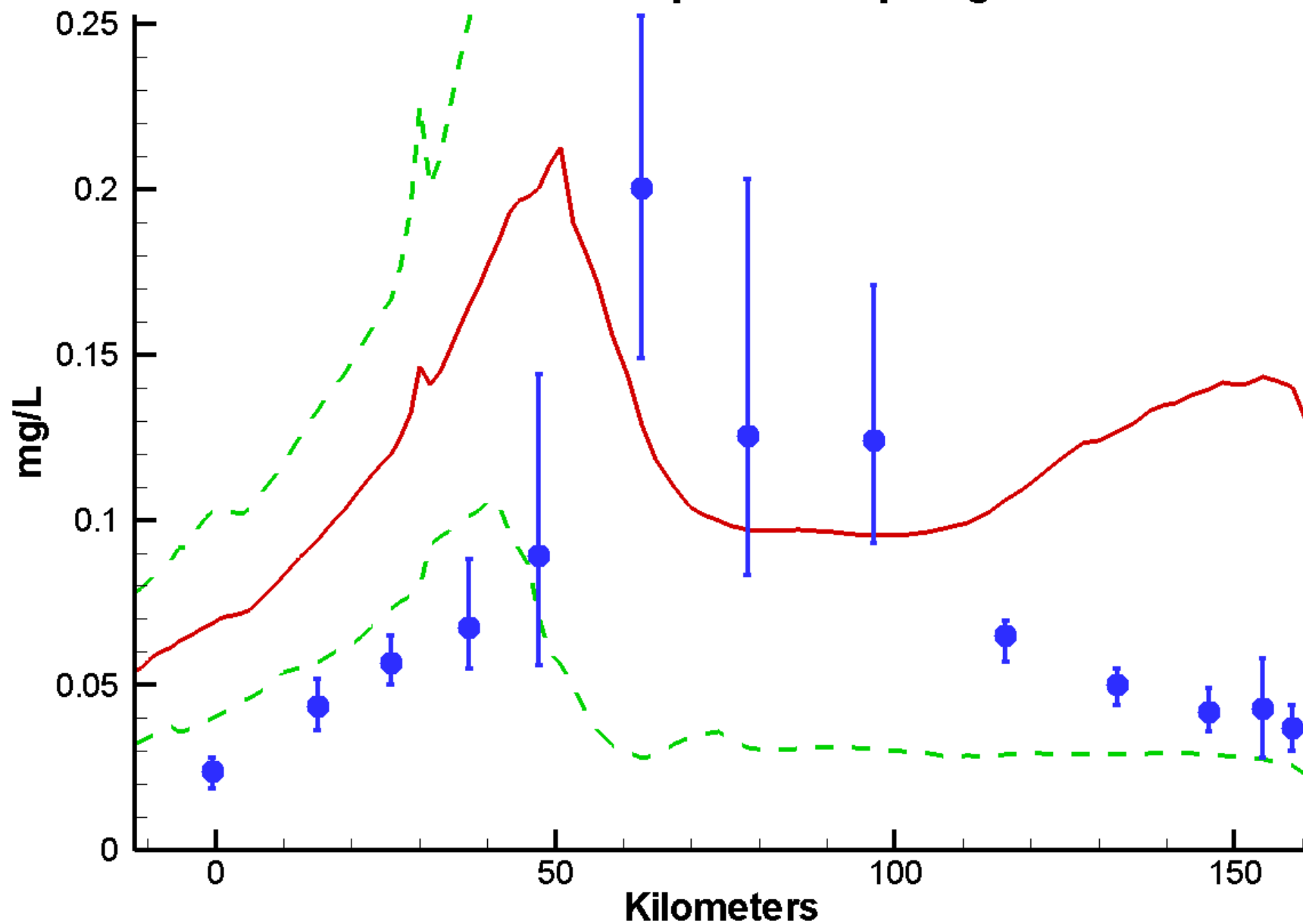


# Rappahannock River Ches2015 Run118 Surface Total Organic Carbon Spring 1994



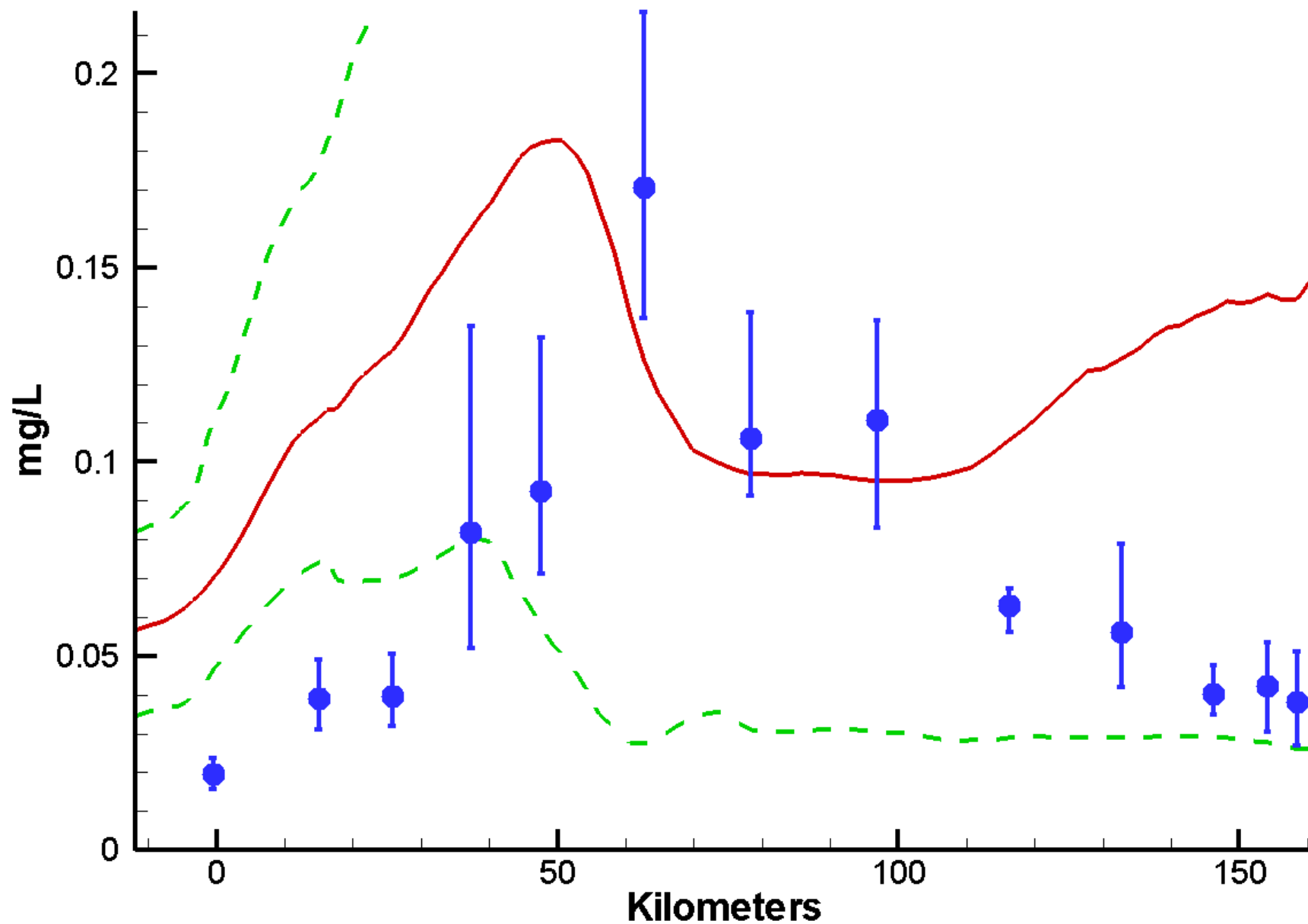
# Rappahannock River Ches2015 Run118

## Bottom Total Phosphorus Spring 1994



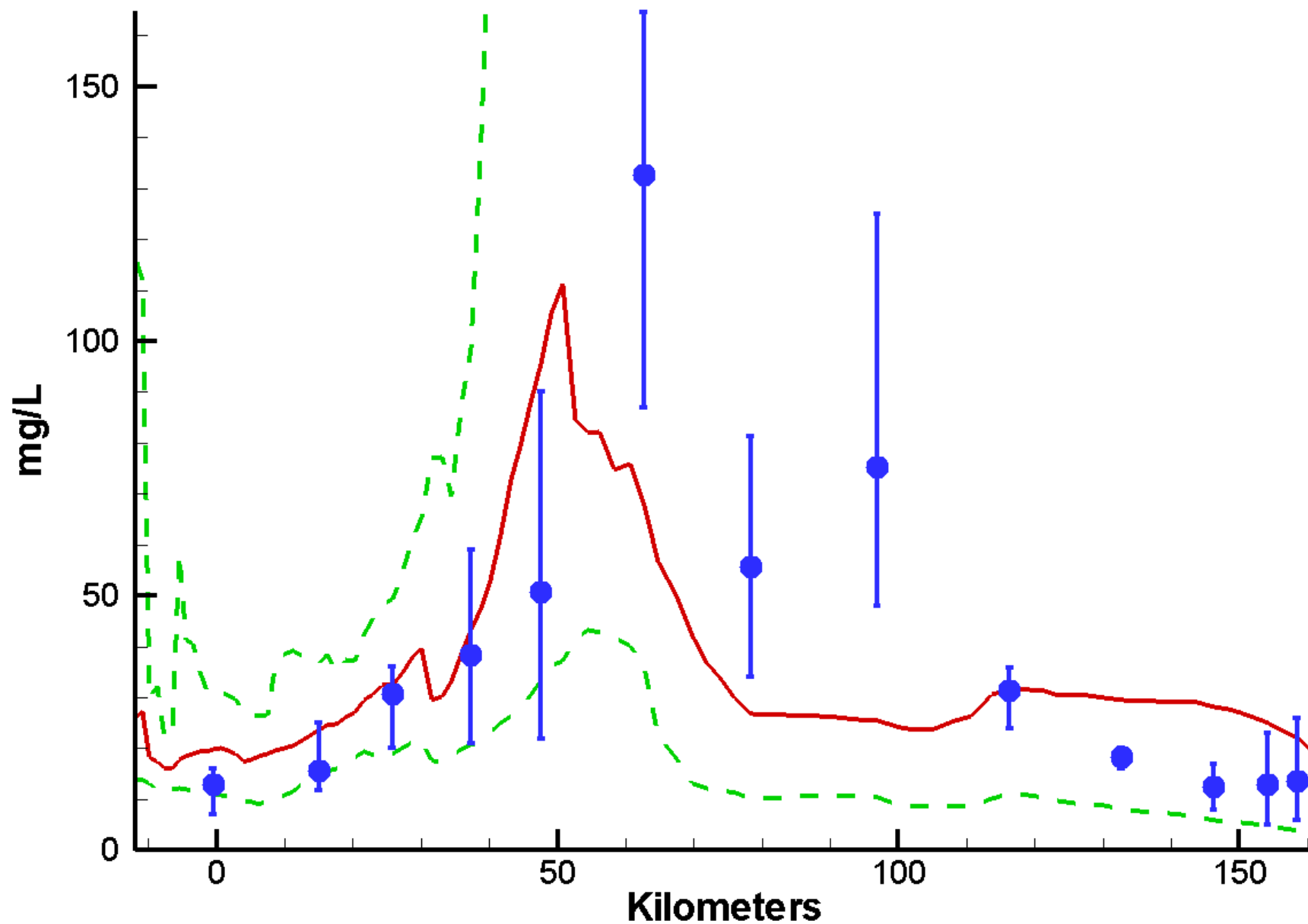
# Rappahannock River Ches2015 Run118

## Surface Total Phosphorus Spring 1994



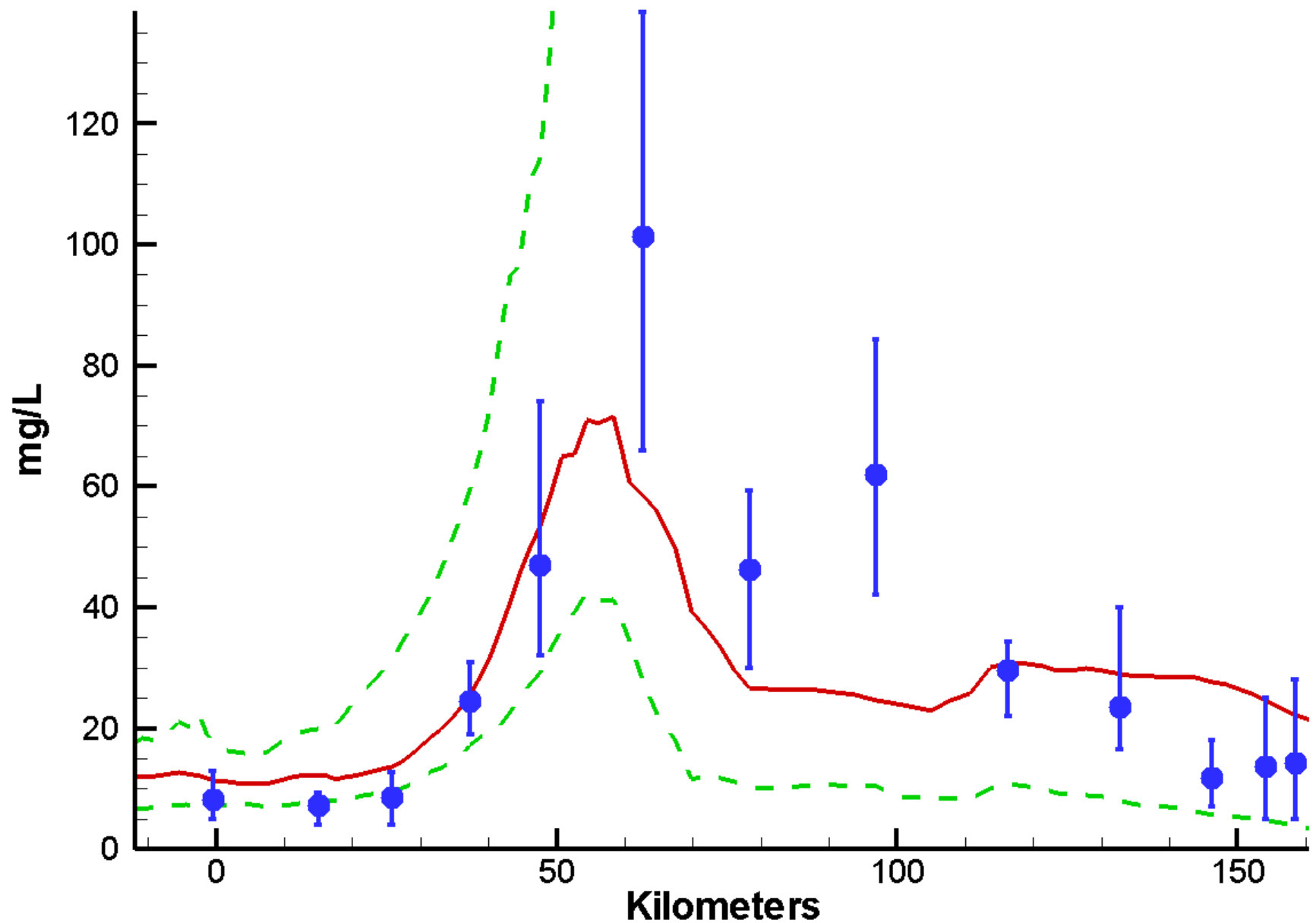
# Rappahannock River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1994



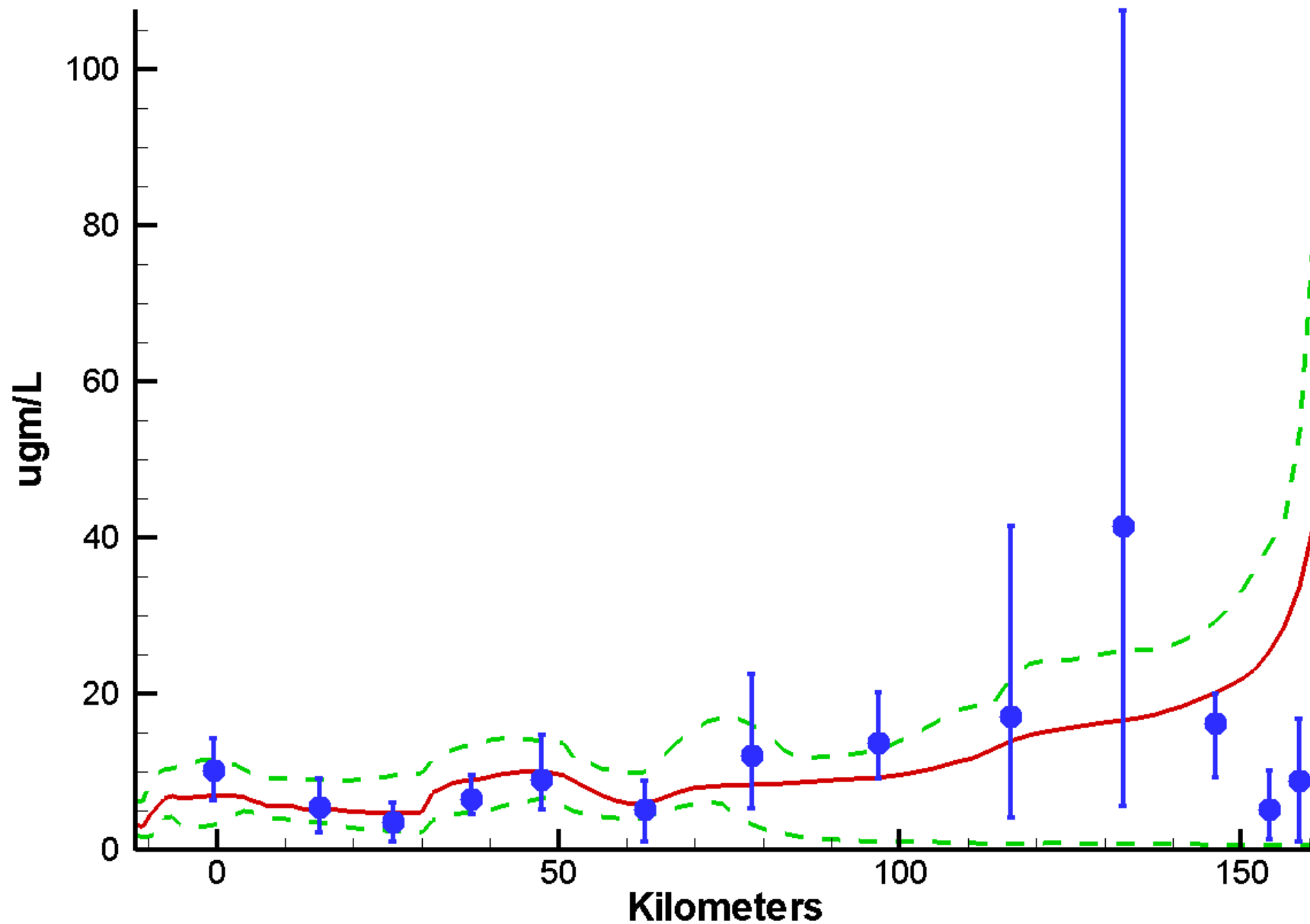
# Rappahannock River Ches2015 Run118

## Surface Total Suspended Solids Spring 1994



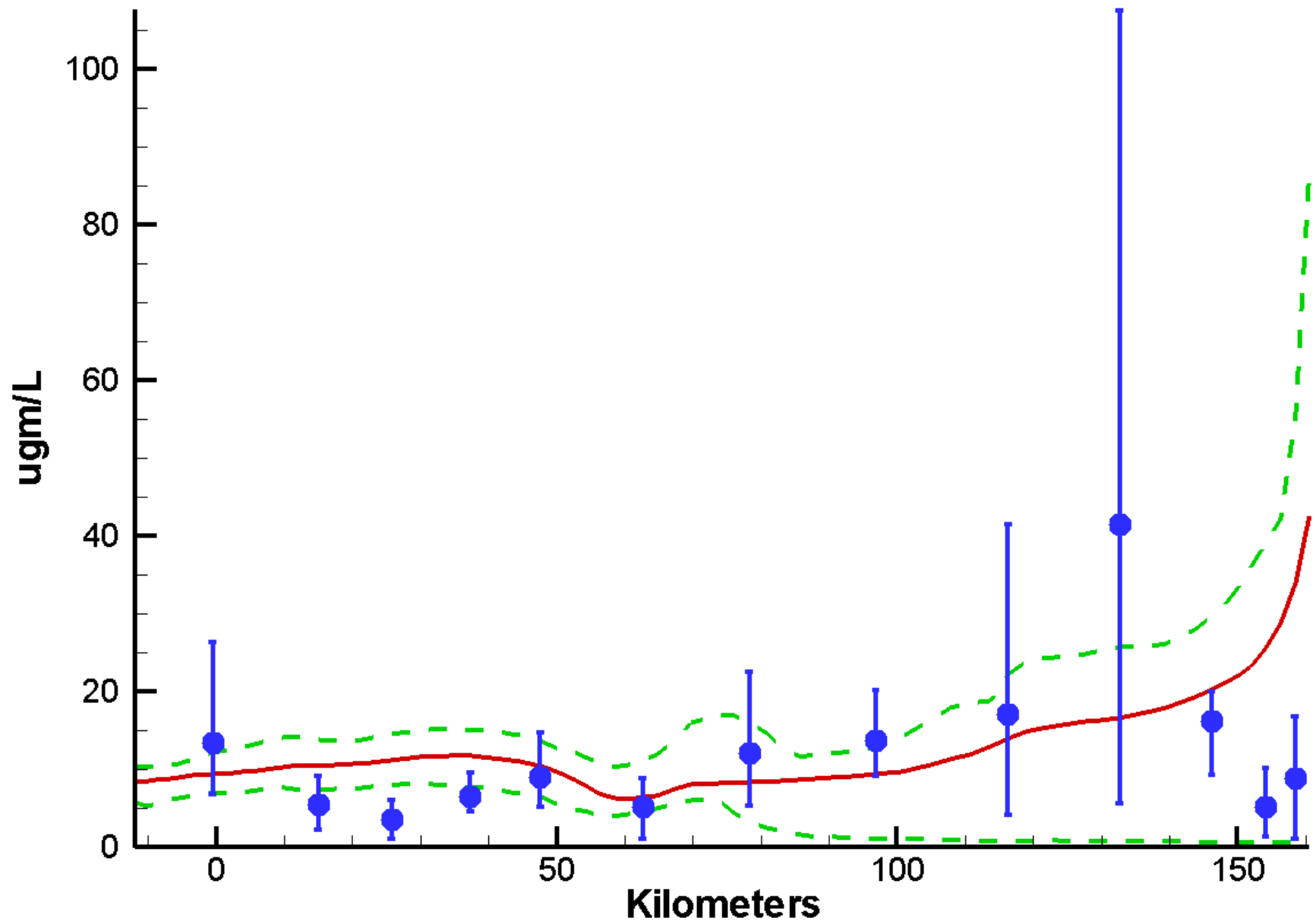
# Rappahannock River Ches2015 Run118

## Bottom Chlorophyll Summer 1994



# Rappahannock River Ches2015 Run118

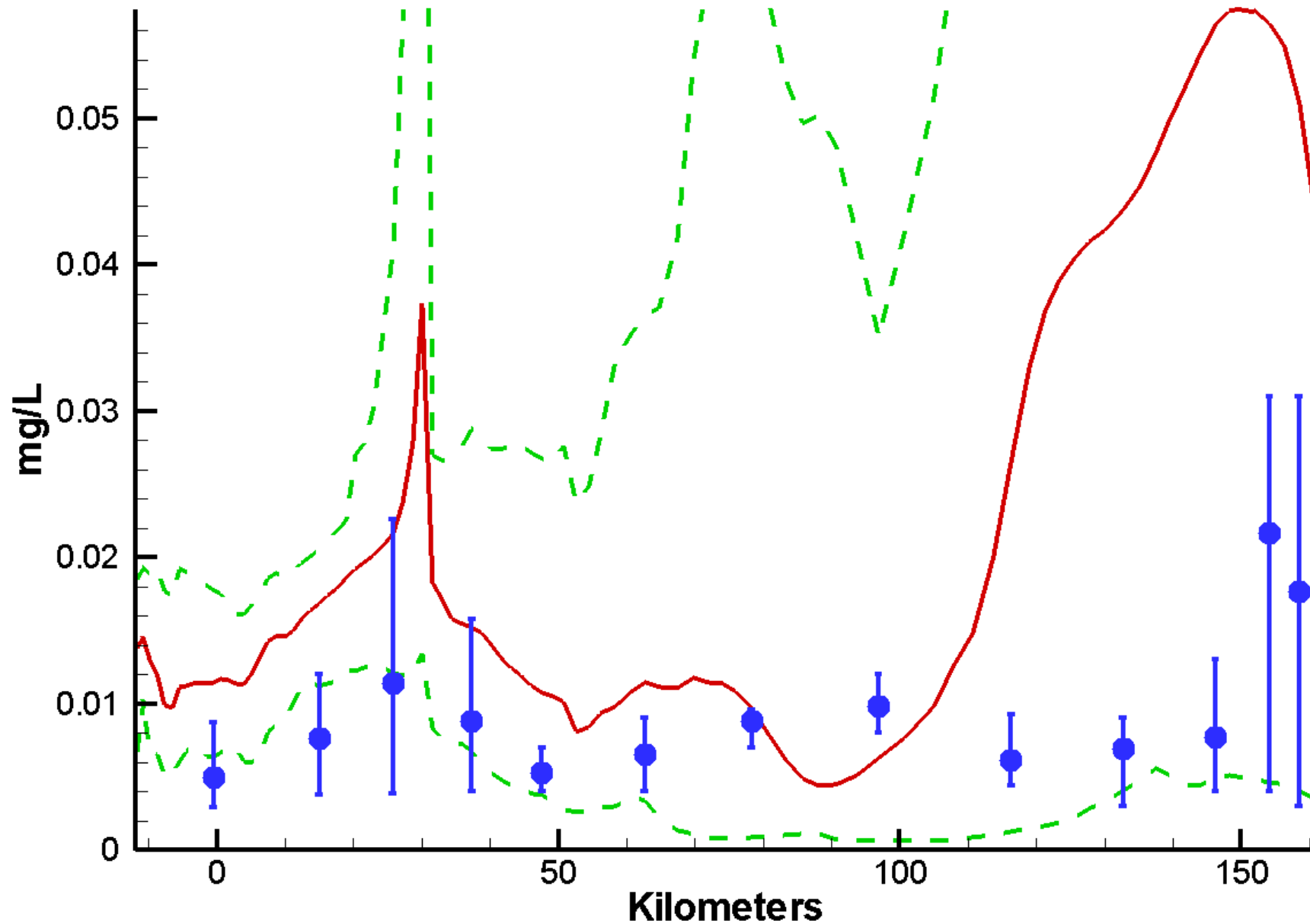
## Surface Chlorophyll Summer 1994



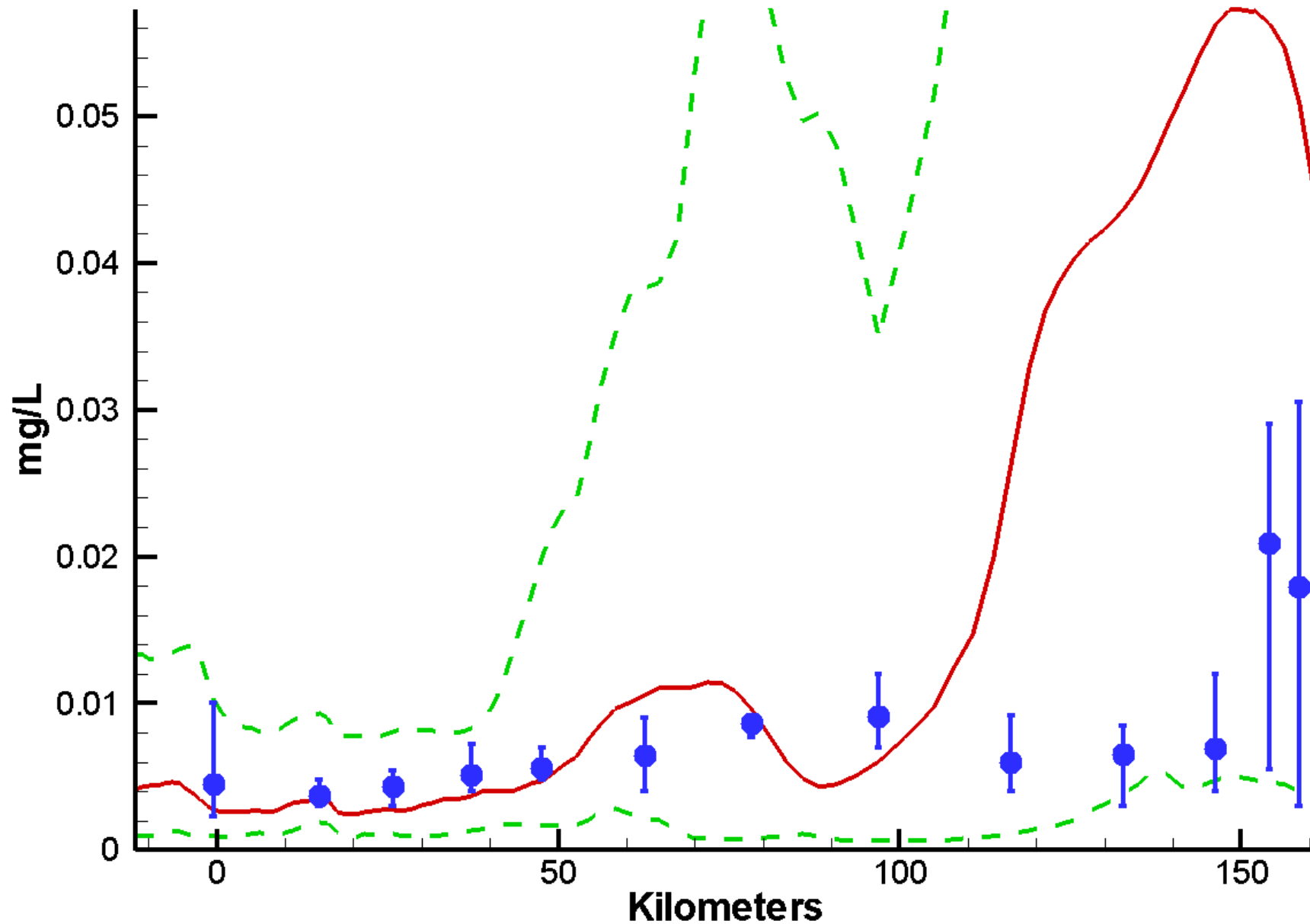


# Rappahannock River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1994

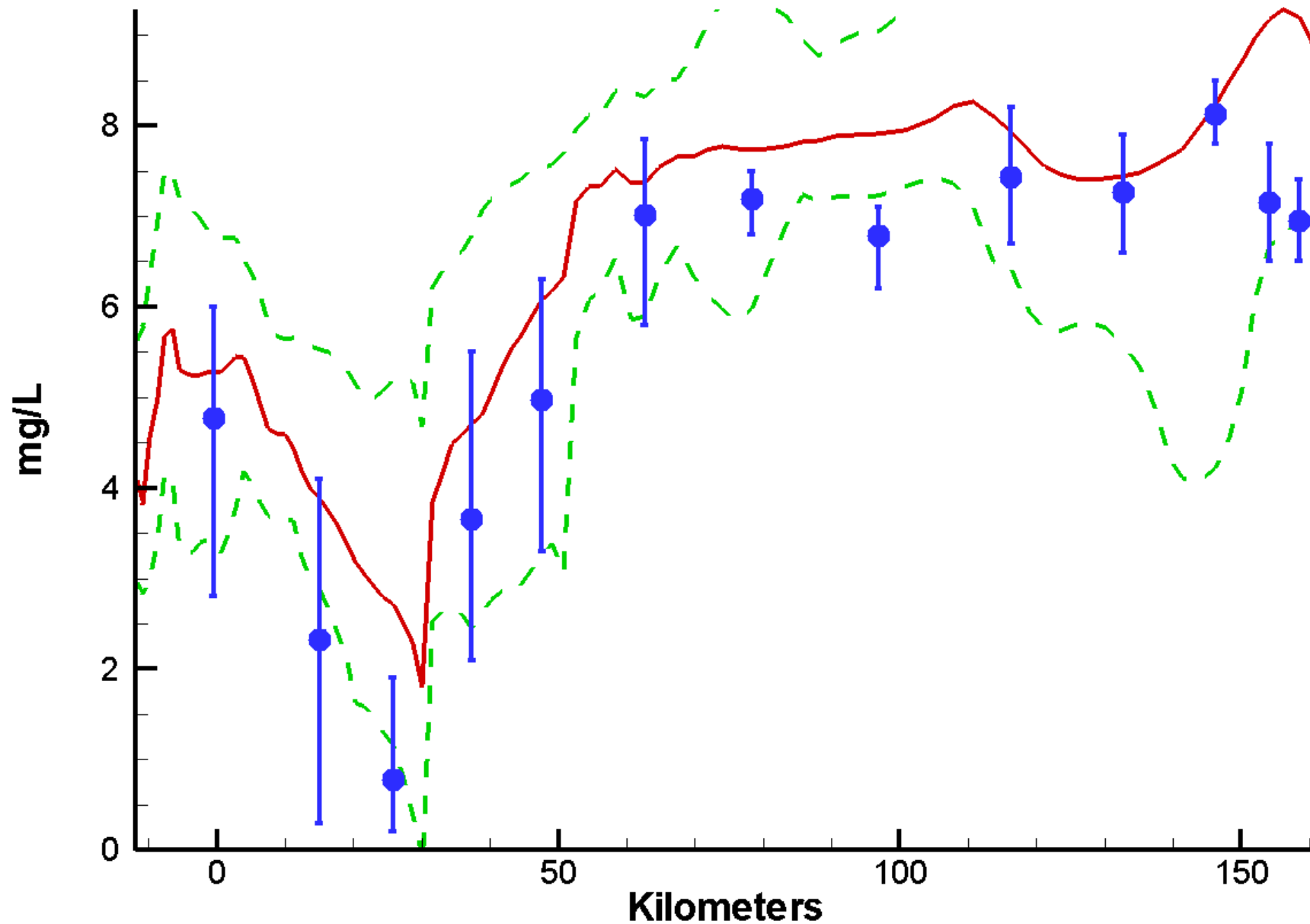


# Rappahannock River Ches2015 Run118 Surface Dissolved Phosphate Summer 1994

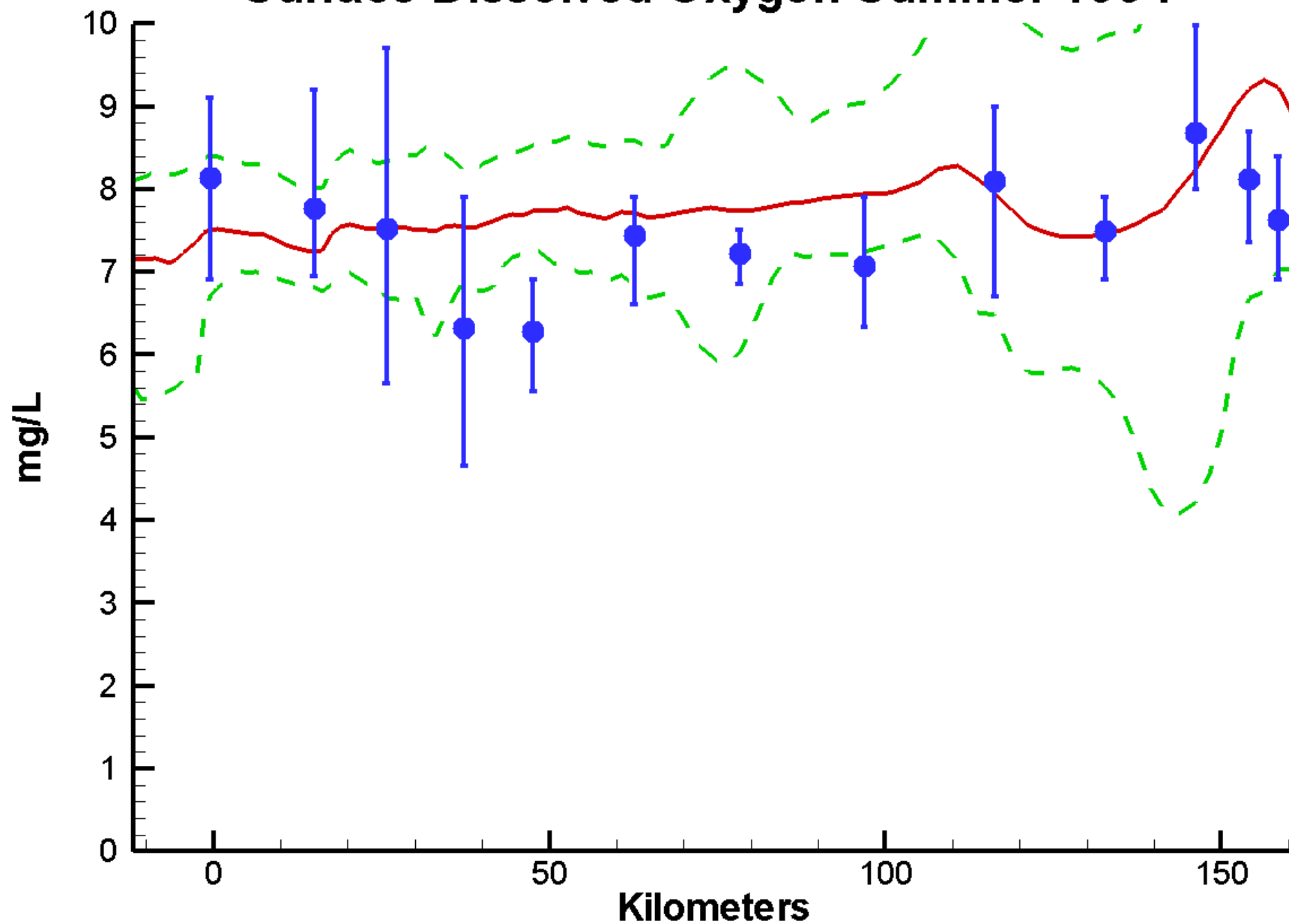


# Rappahannock River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1994

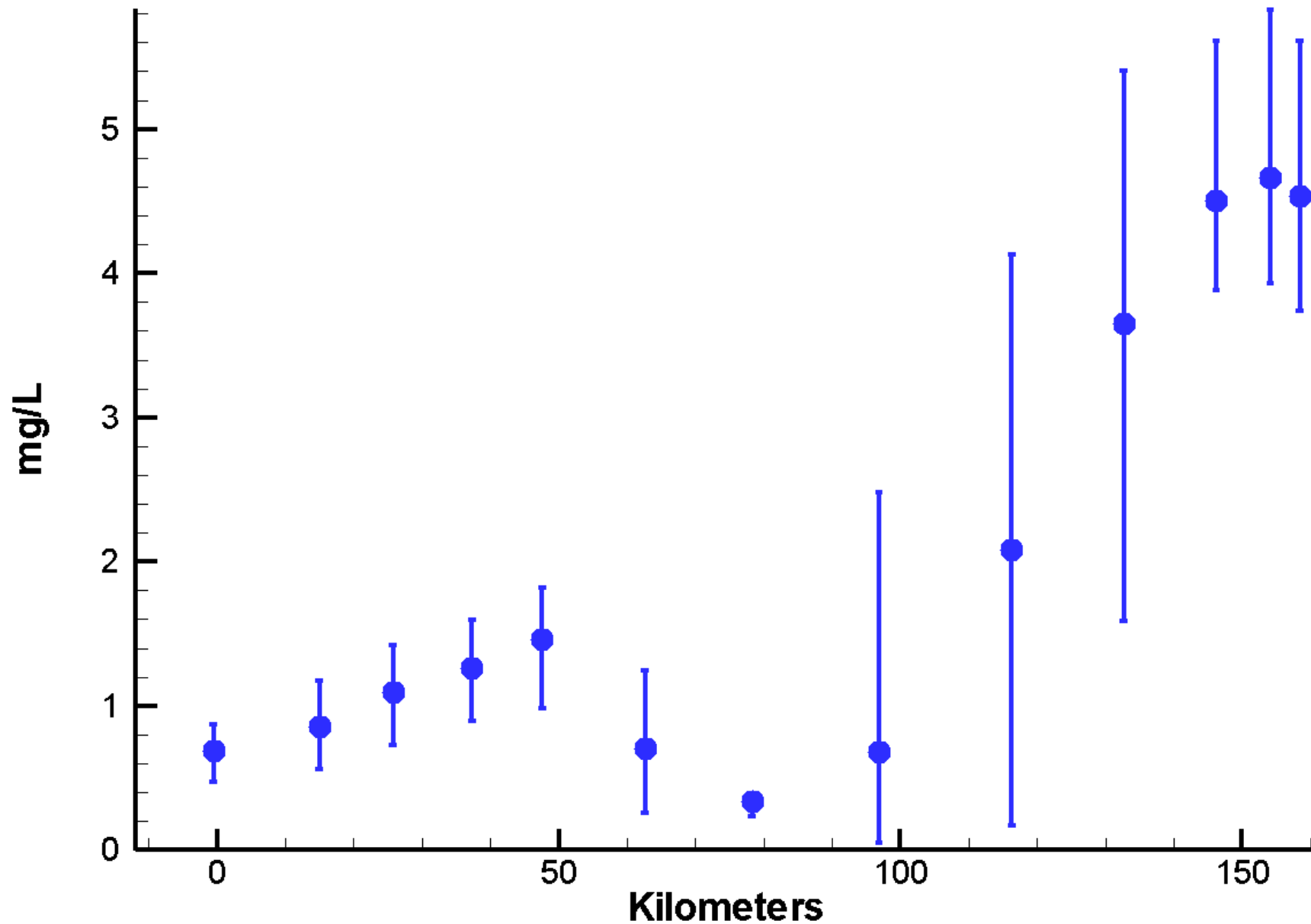


# Rappahannock River Ches2015 Run118 Surface Dissolved Oxygen Summer 1994



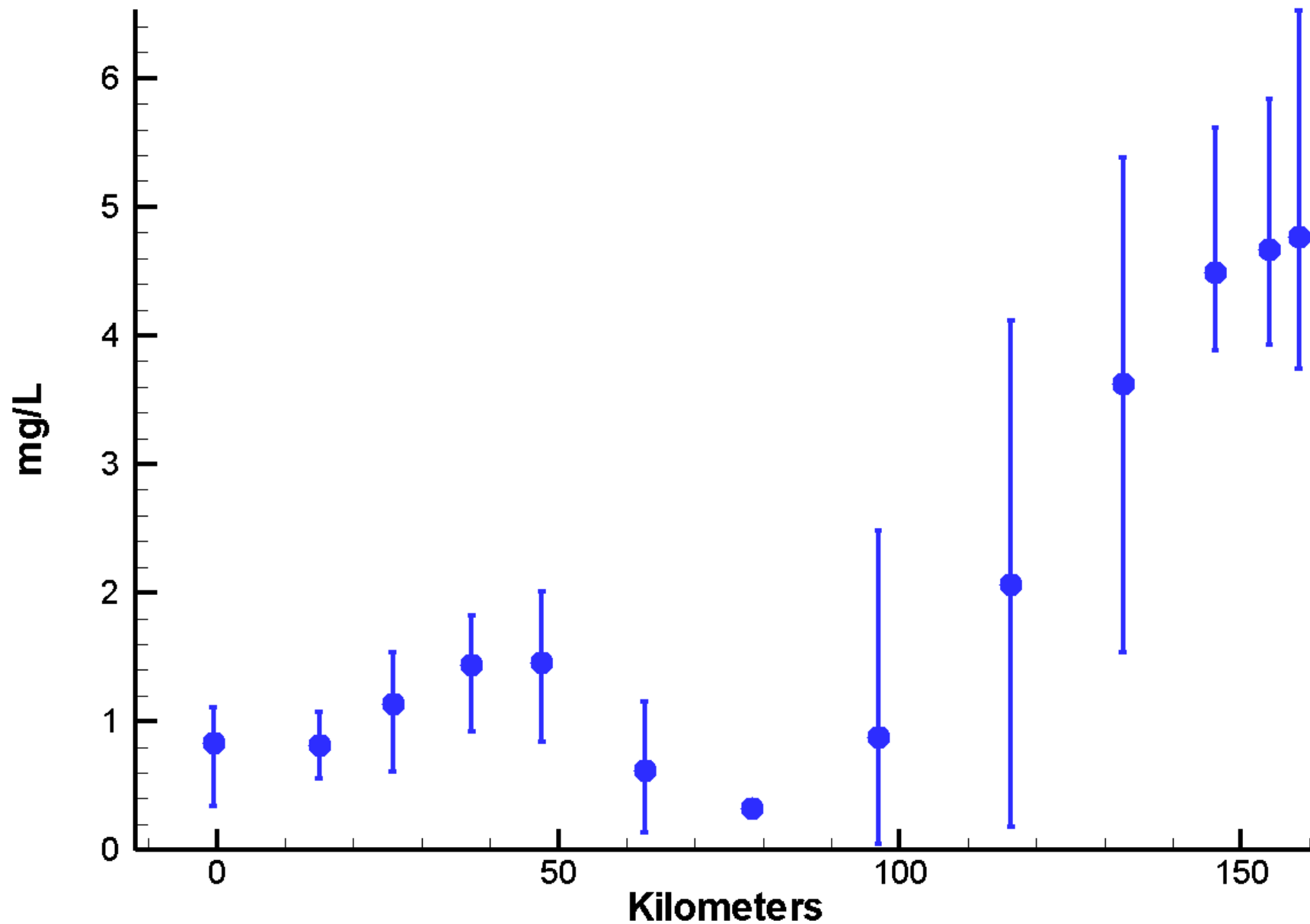
# Rappahannock River Ches2015 Run118

## Bottom Dissolved Silica Summer 1994



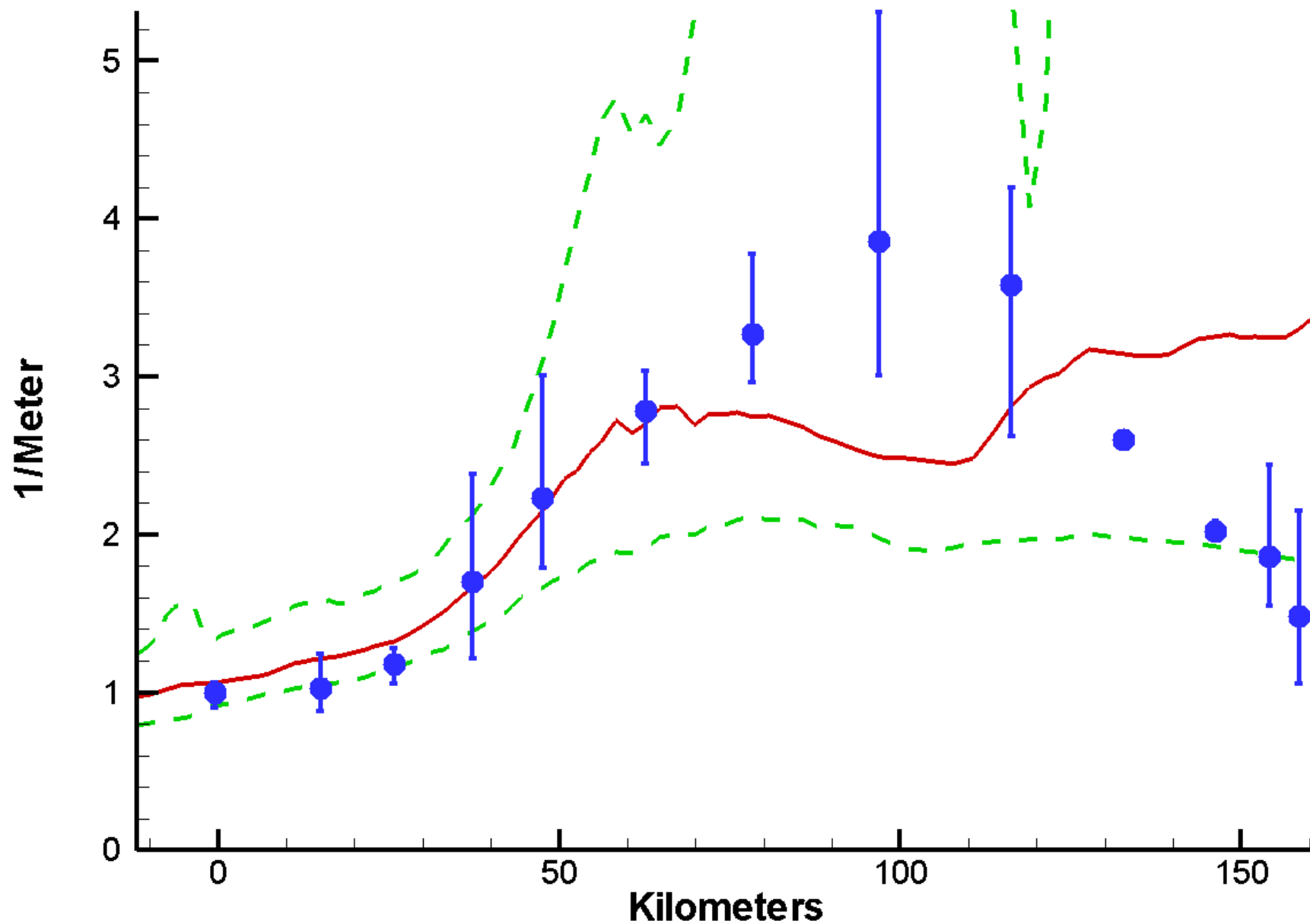
# Rappahannock River Ches2015 Run118

## Surface Dissolved Silica Summer 1994



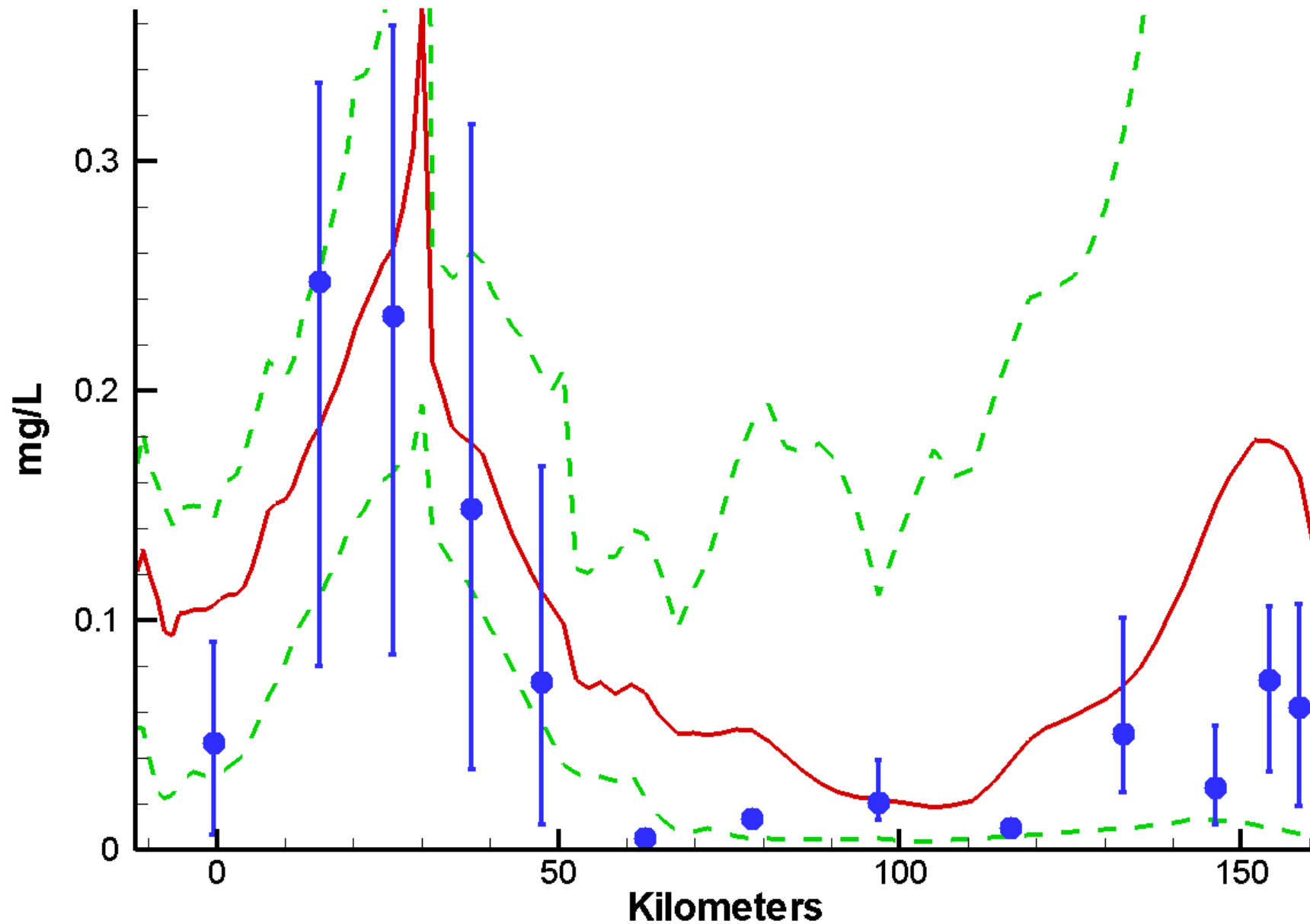
# Rappahannock River Ches2015 Run118

## Surface Light Extinction Summer 1994



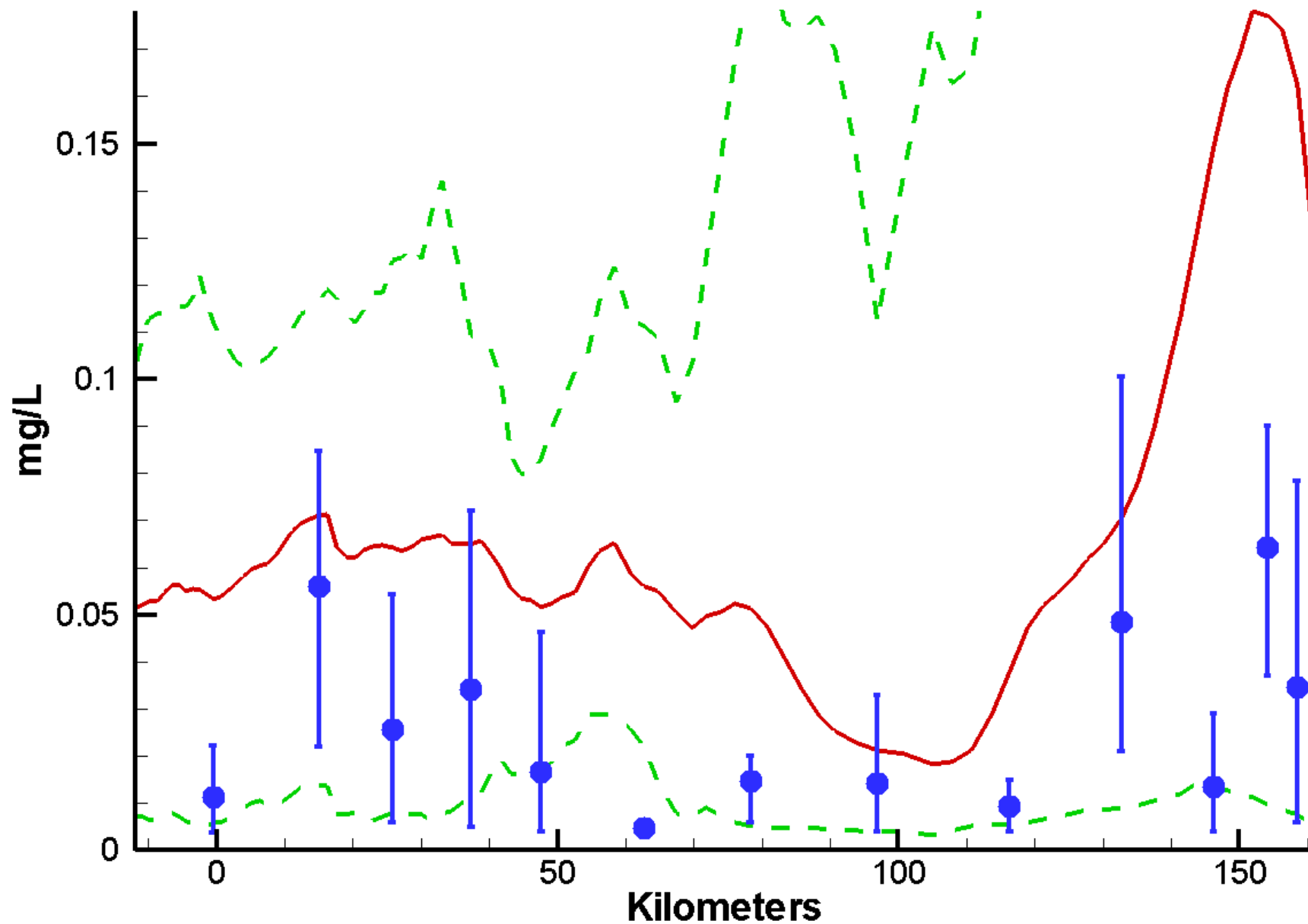
# Rappahannock River Ches2015 Run118

## Bottom Ammonium Summer 1994



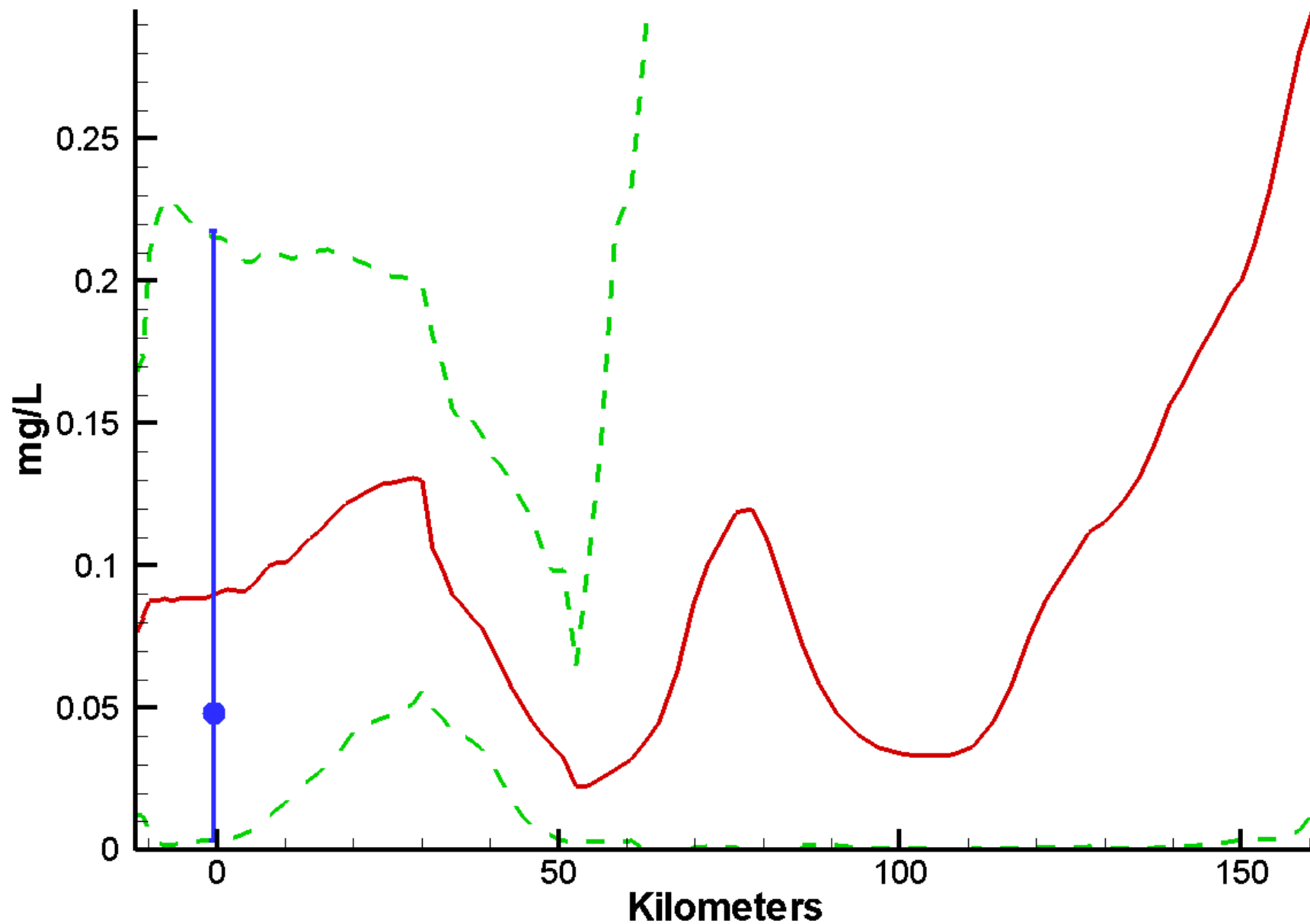


# Rappahannock River Ches2015 Run118 Surface Ammonium Summer 1994



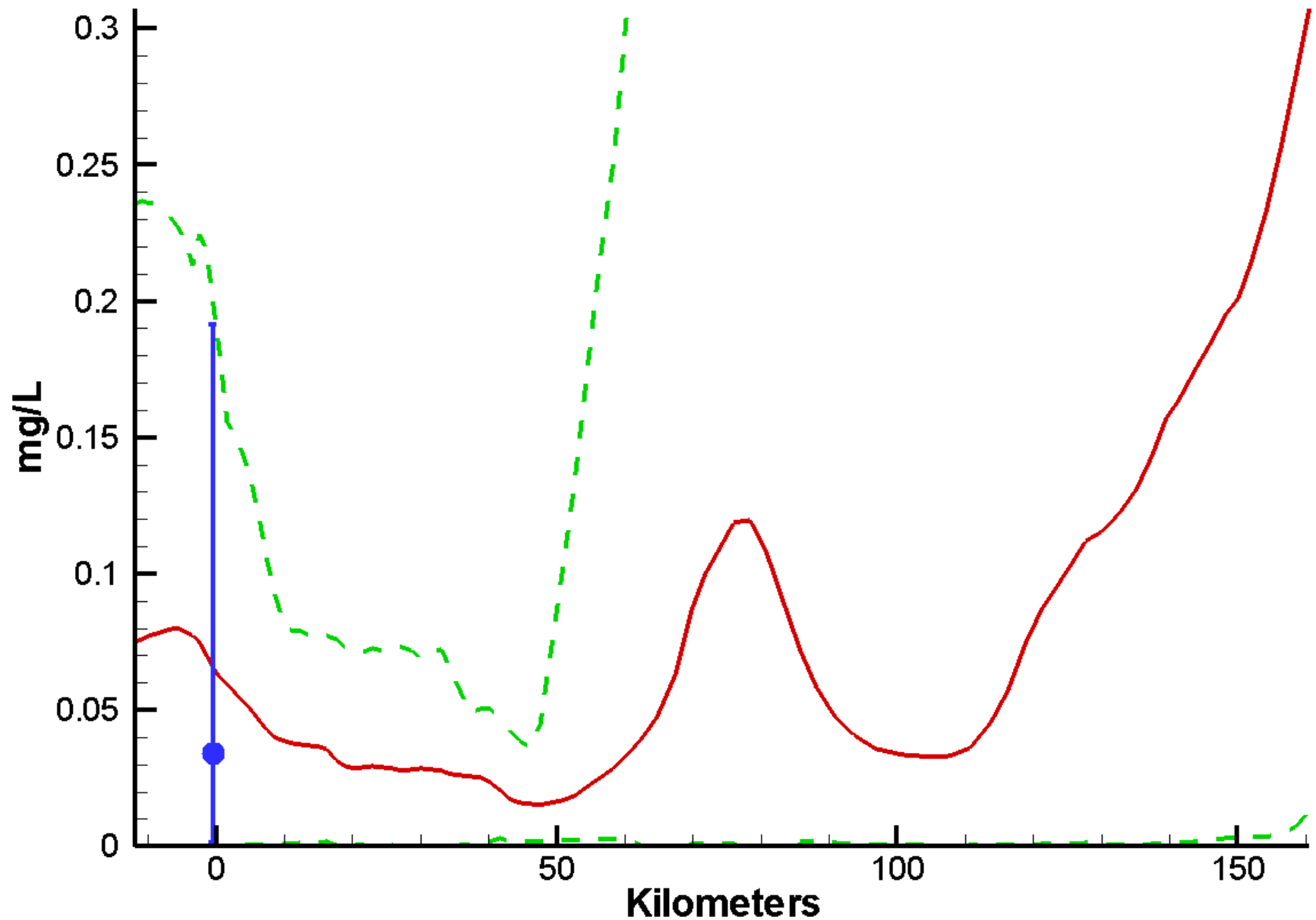
# Rappahannock River Ches2015 Run118

## Bottom Nitrate Summer 1994



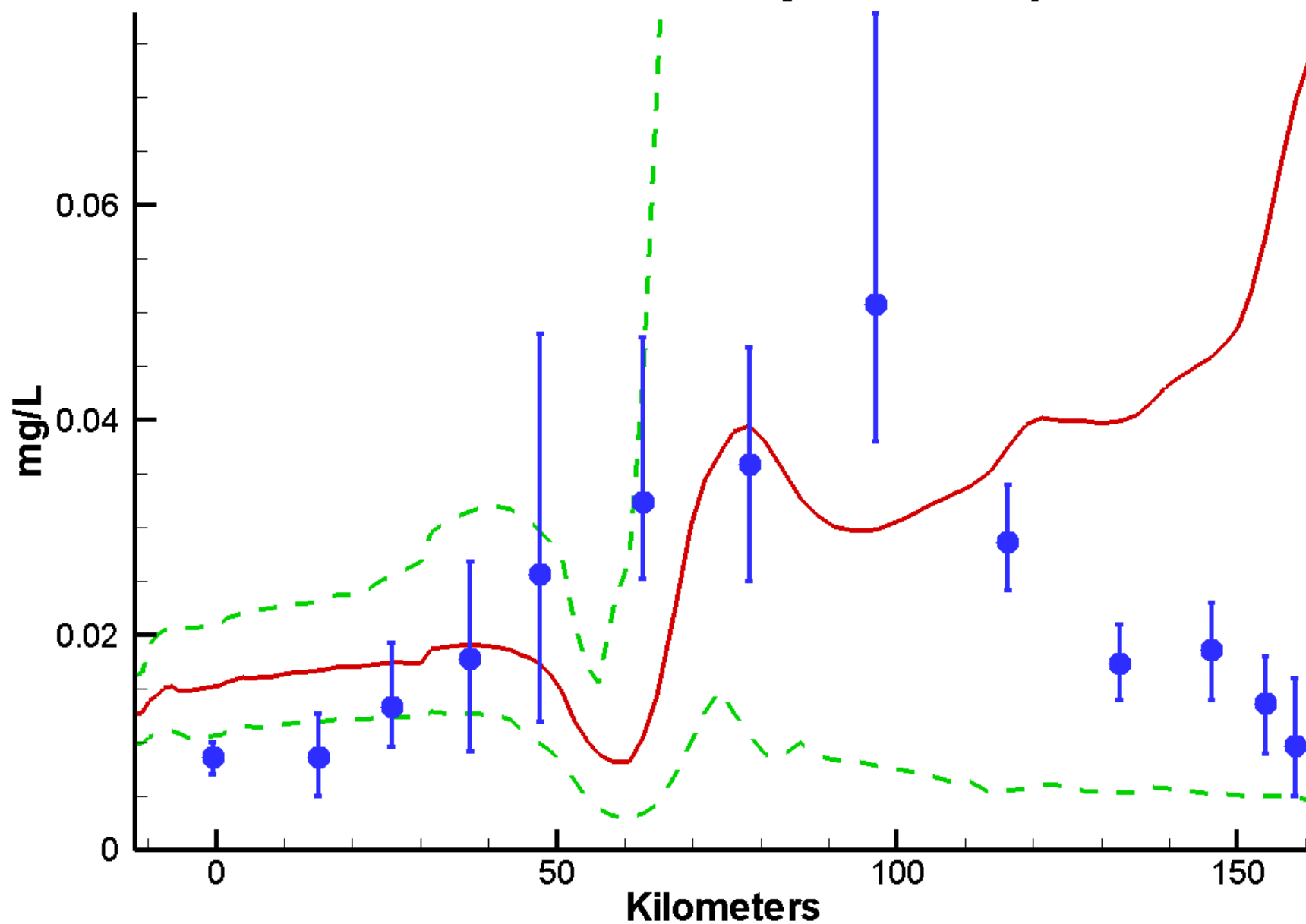
# Rappahannock River Ches2015 Run118

## Surface Nitrate Summer 1994



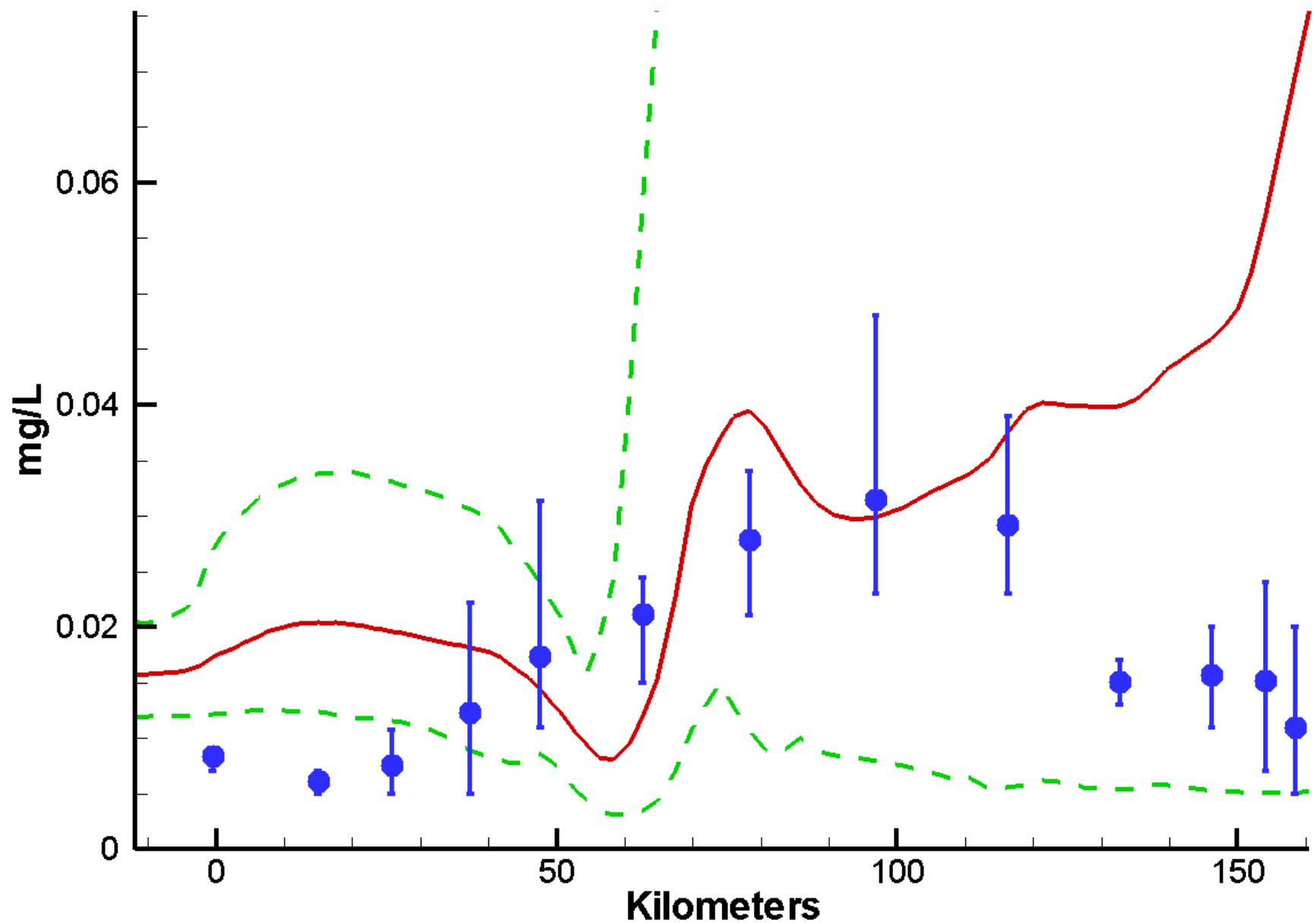
# Rappahannock River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Summer 1999



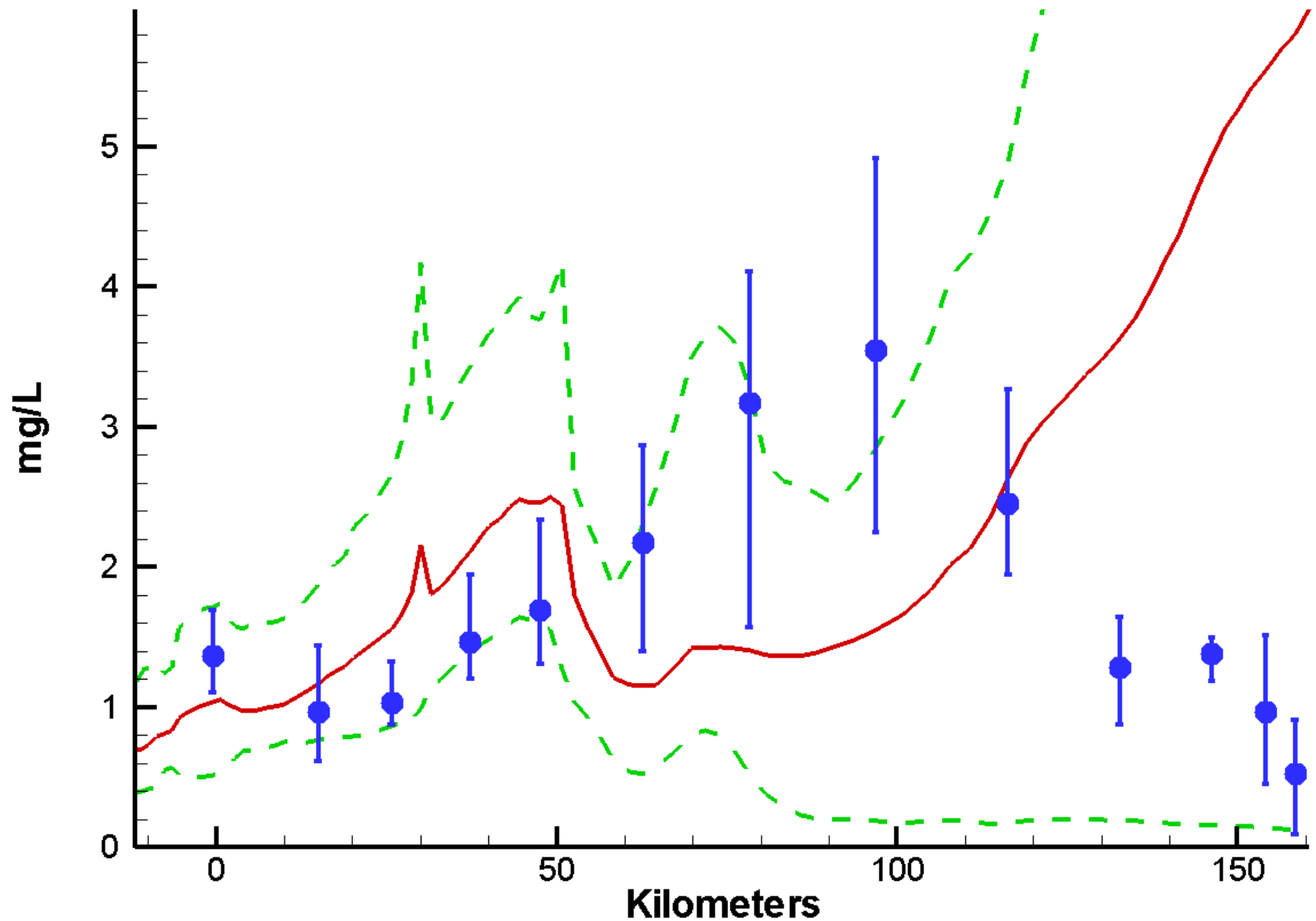
# Rappahannock River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



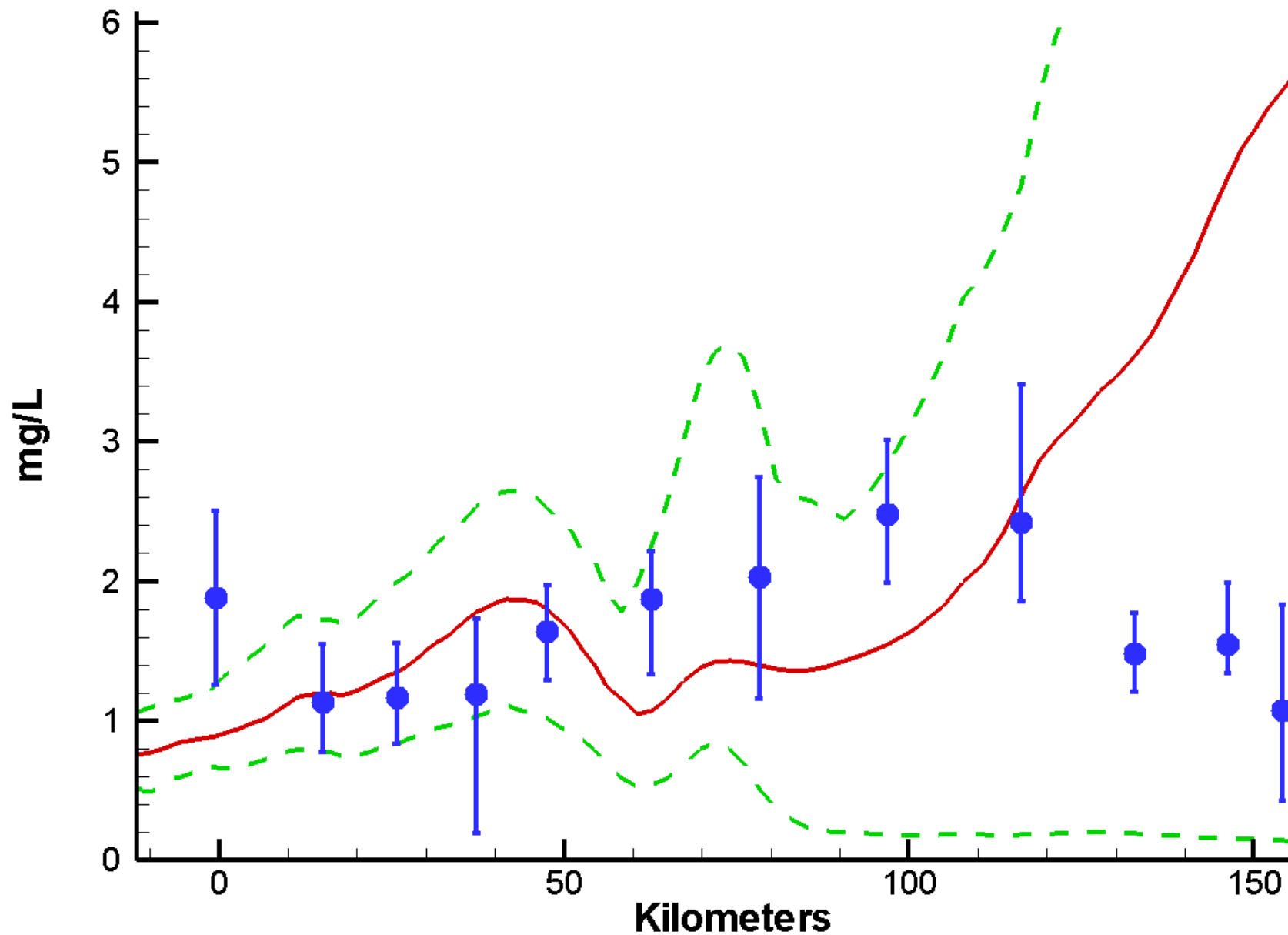
# Rappahannock River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1994



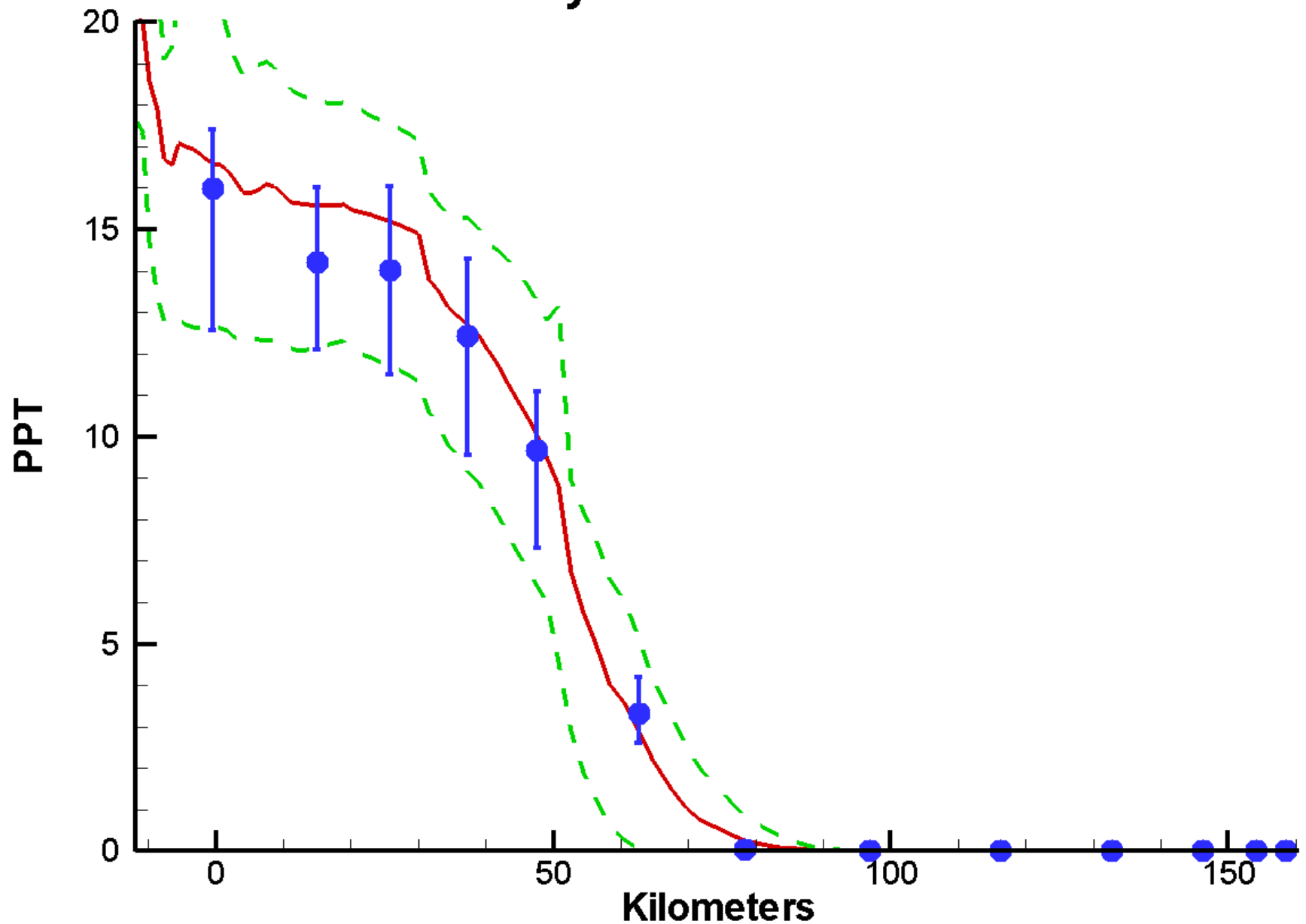
# Rappahannock River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1994



# Rappahannock River Ches2015 Run118

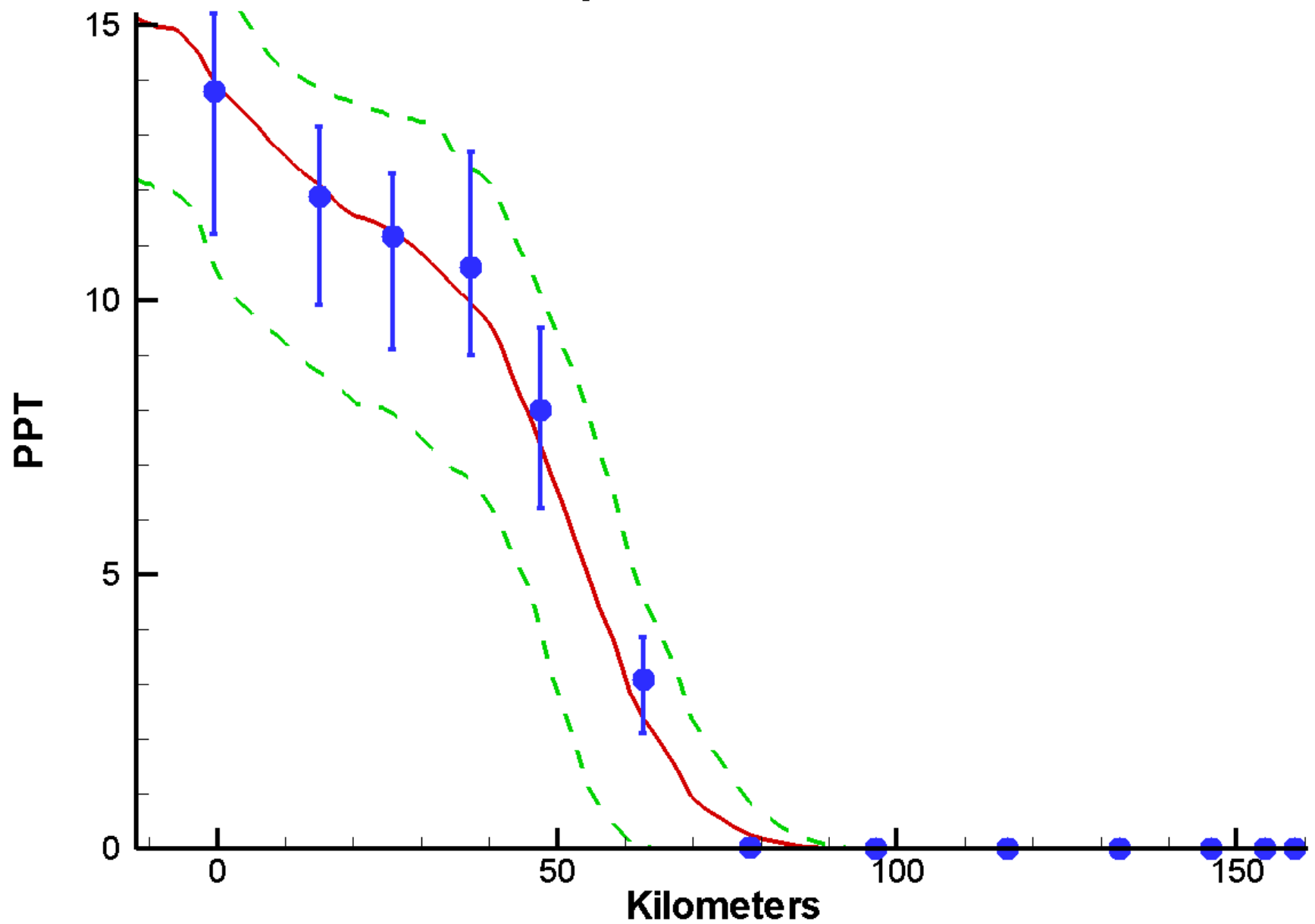
## Bottom Salinity Summer 1994





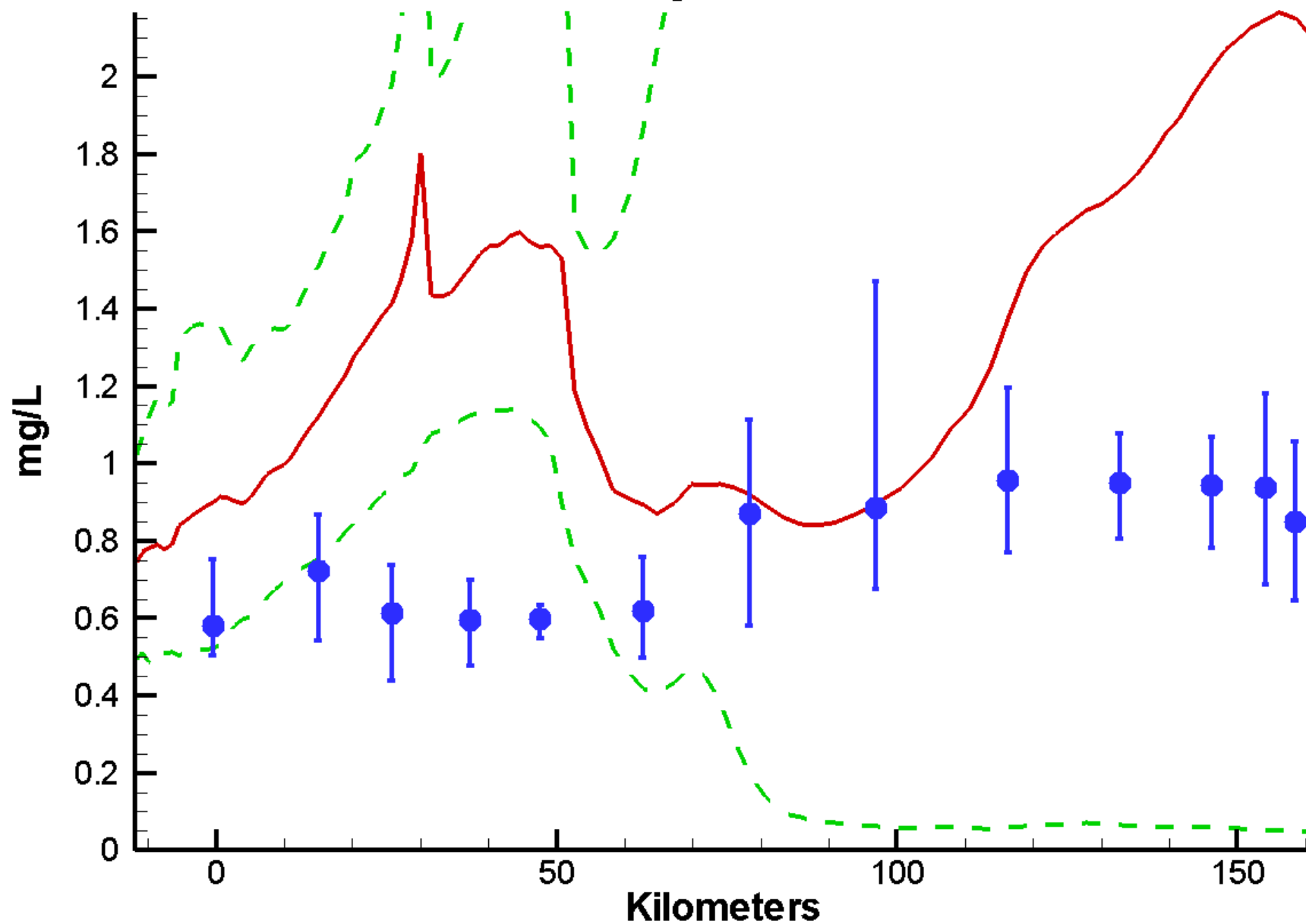
# Rappahannock River Ches2015 Run118

## Surface Salinity Summer 1994



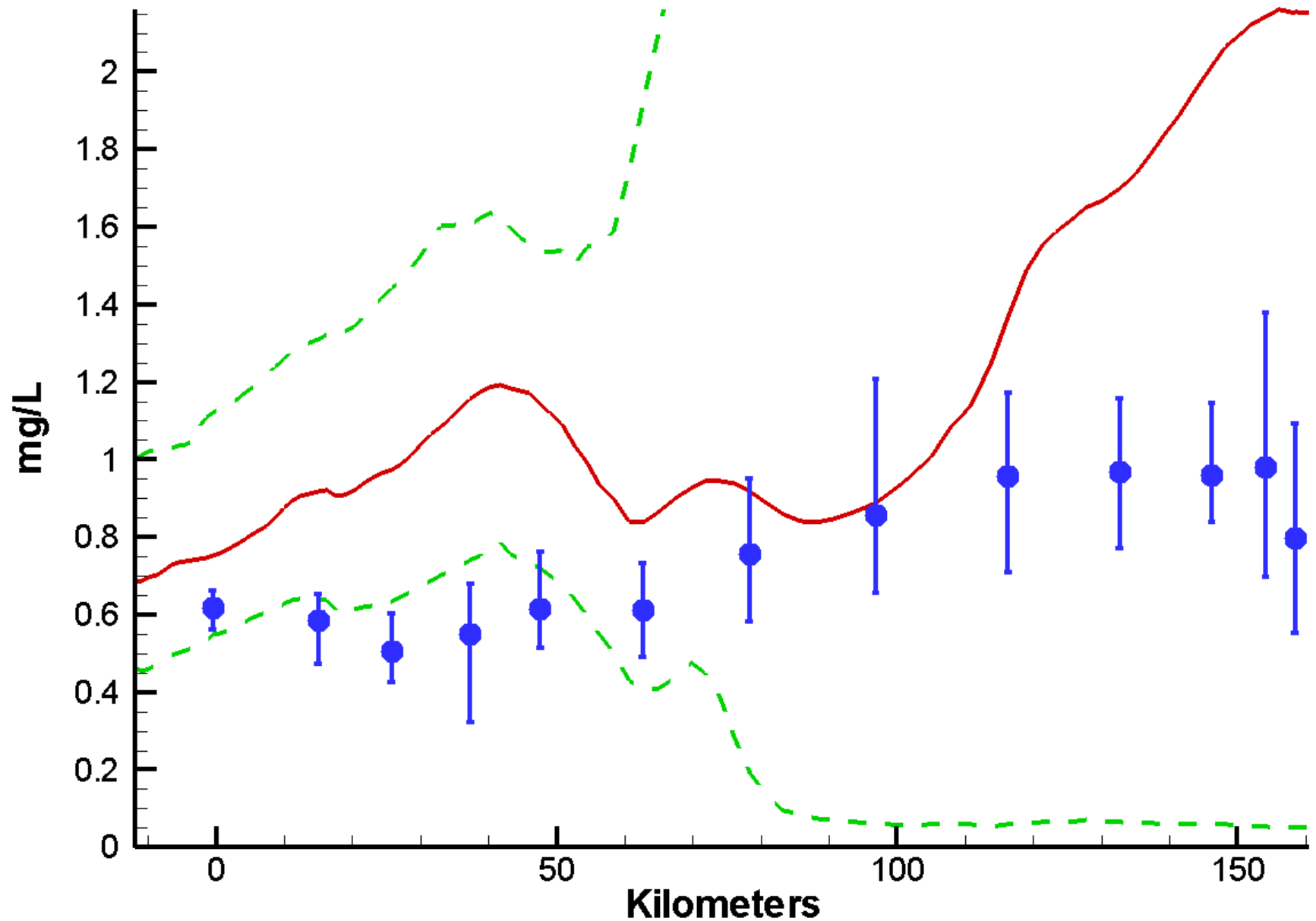
# Rappahannock River Ches2015 Run118

## Bottom Total Nitrogen Summer 1994



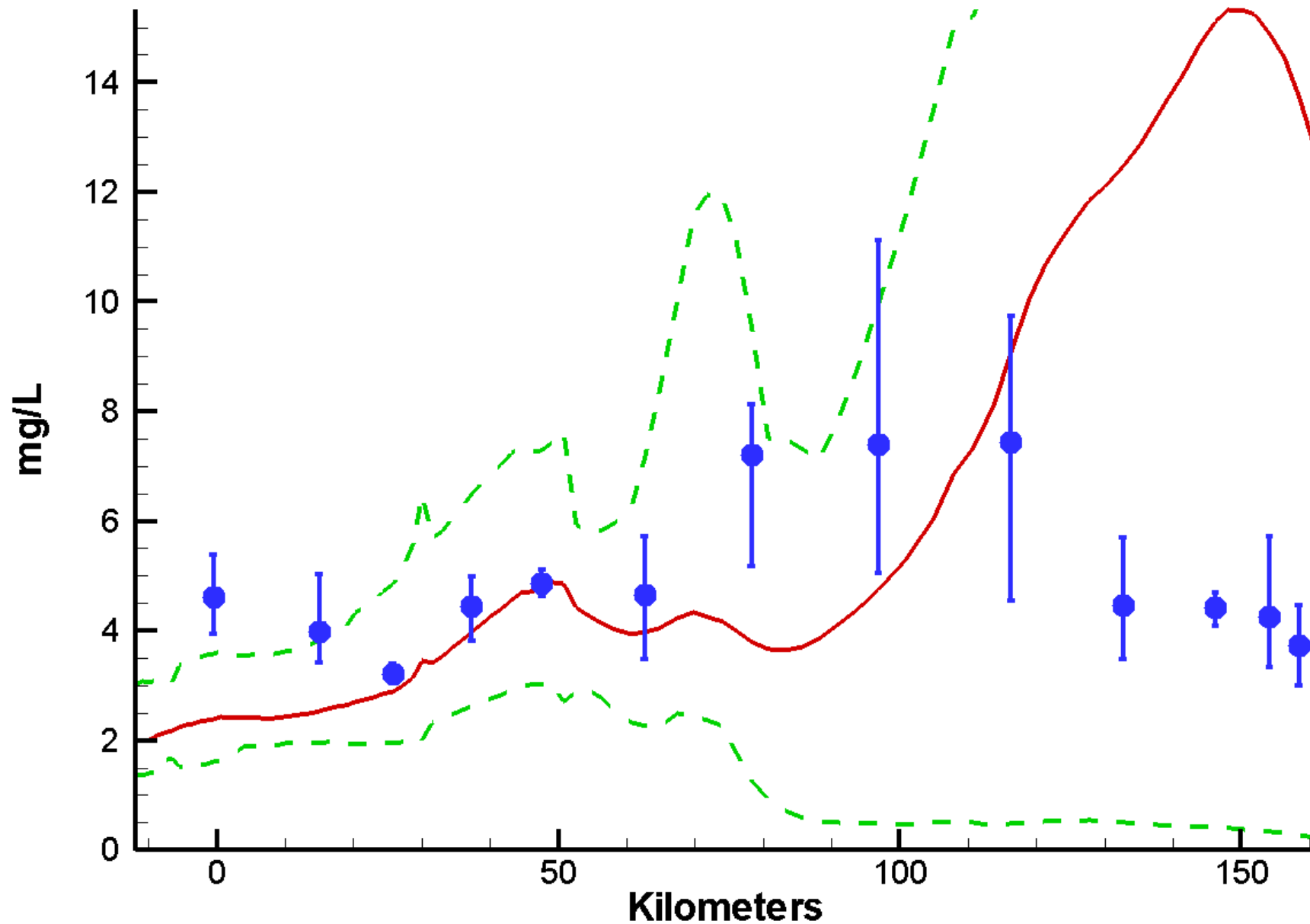
# Rappahannock River Ches2015 Run118

## Surface Total Nitrogen Summer 1994



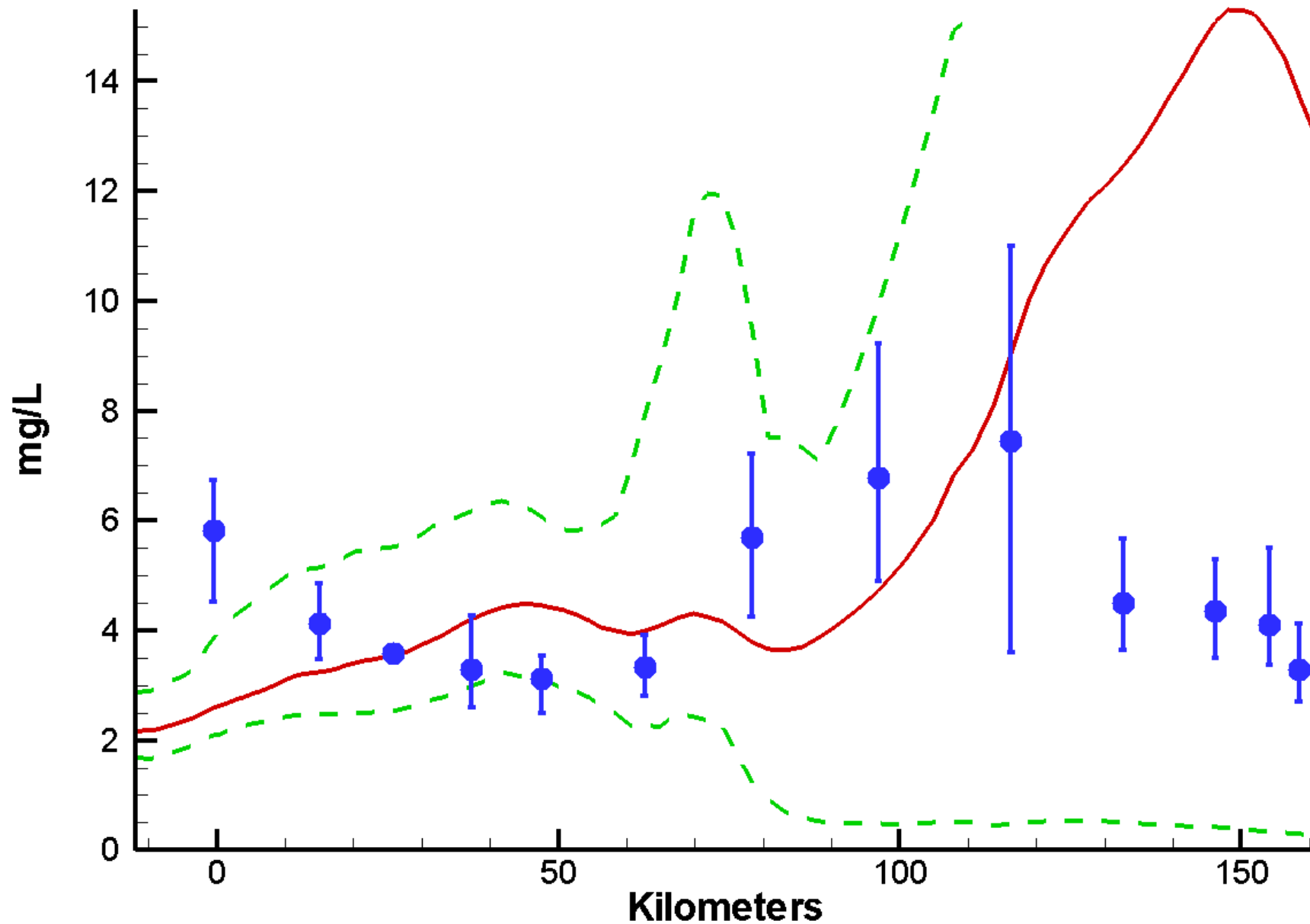
# Rappahannock River Ches2015 Run118

## Bottom Total Organic Carbon Summer 1994



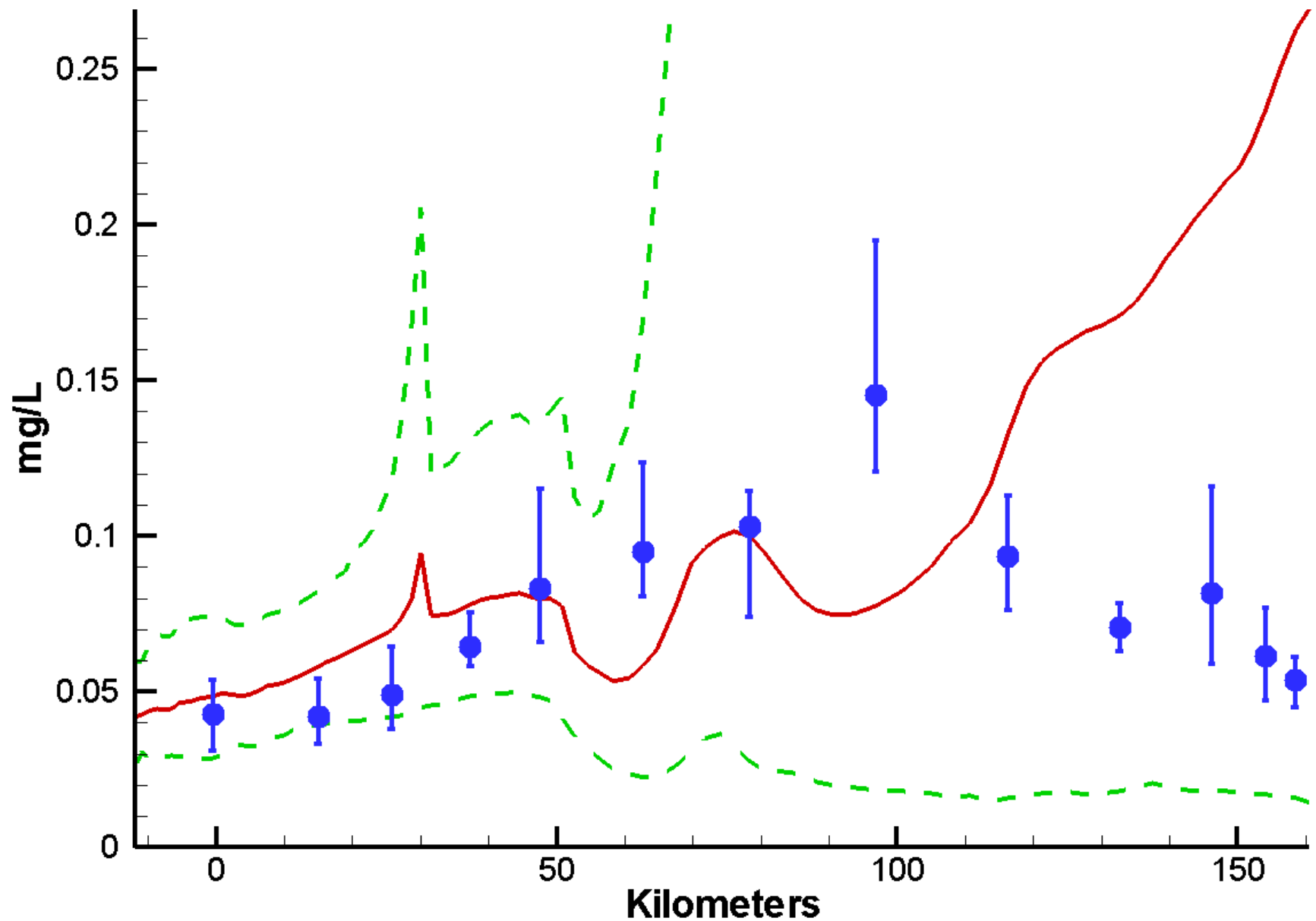
# Rappahannock River Ches2015 Run118

## Surface Total Organic Carbon Summer 1994



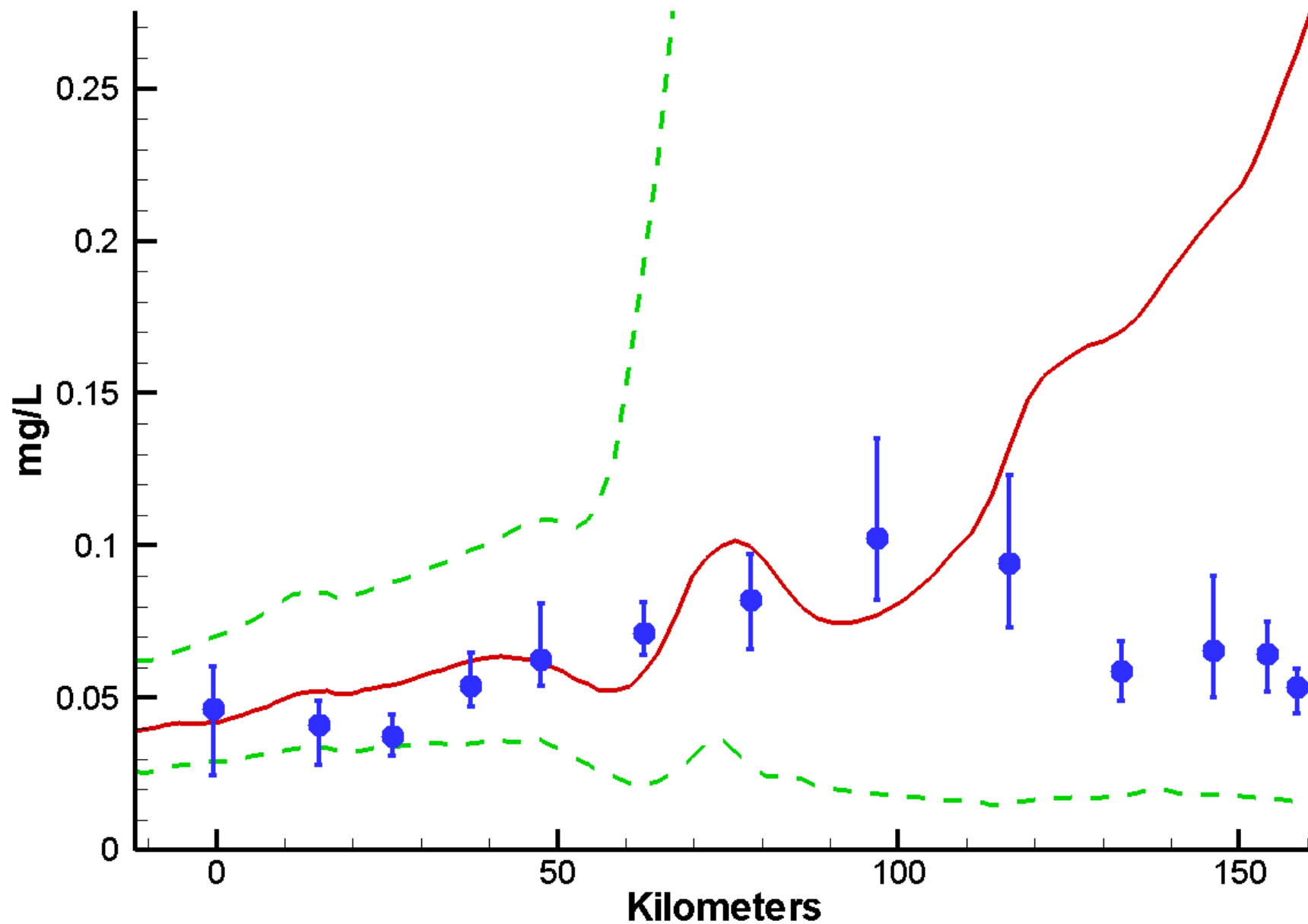
# Rappahannock River Ches2015 Run118

## Bottom Total Phosphorus Summer 1994



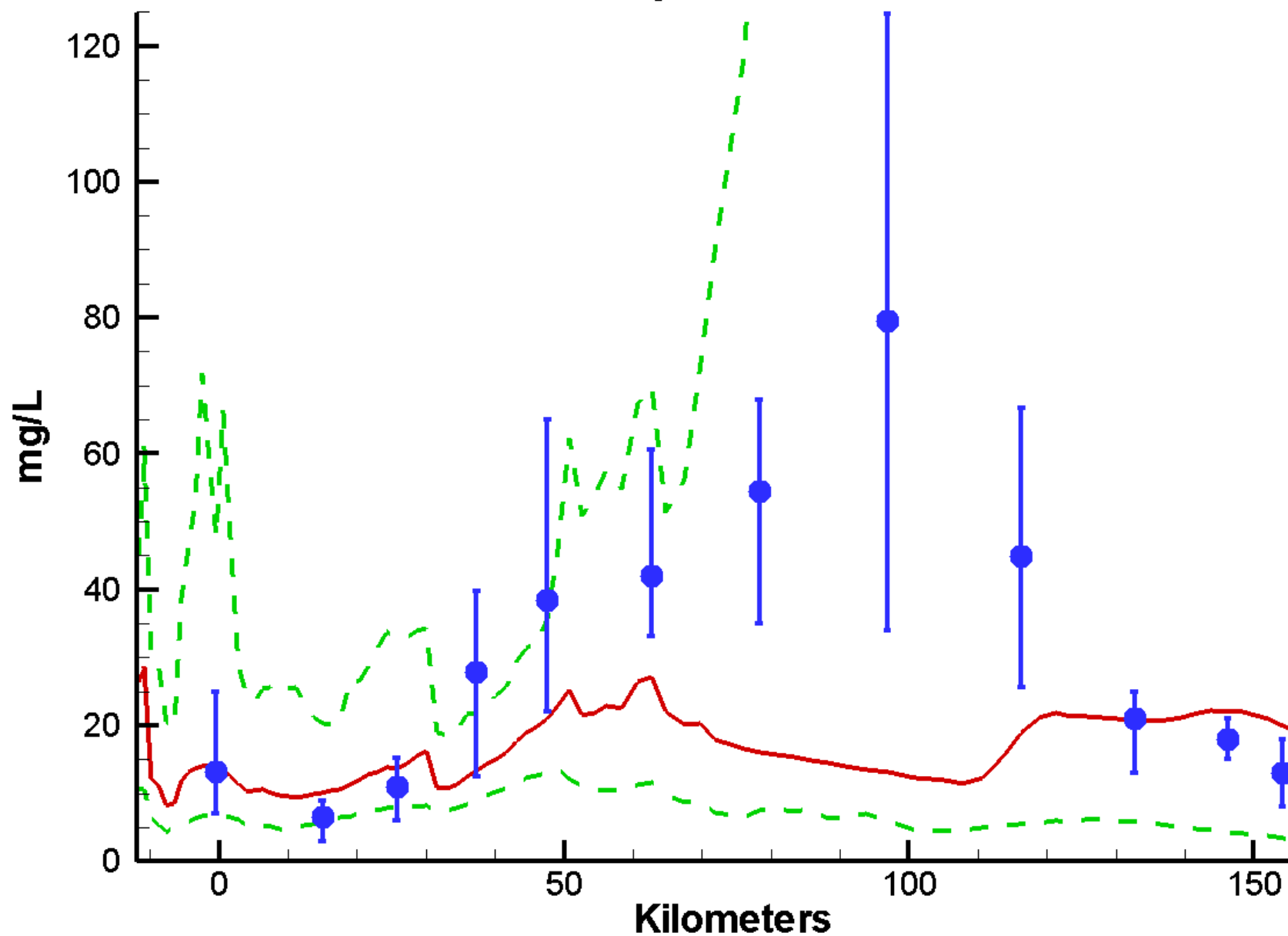
# Rappahannock River Ches2015 Run118

## Surface Total Phosphorus Summer 1994



# Rappahannock River Ches2015 Run118

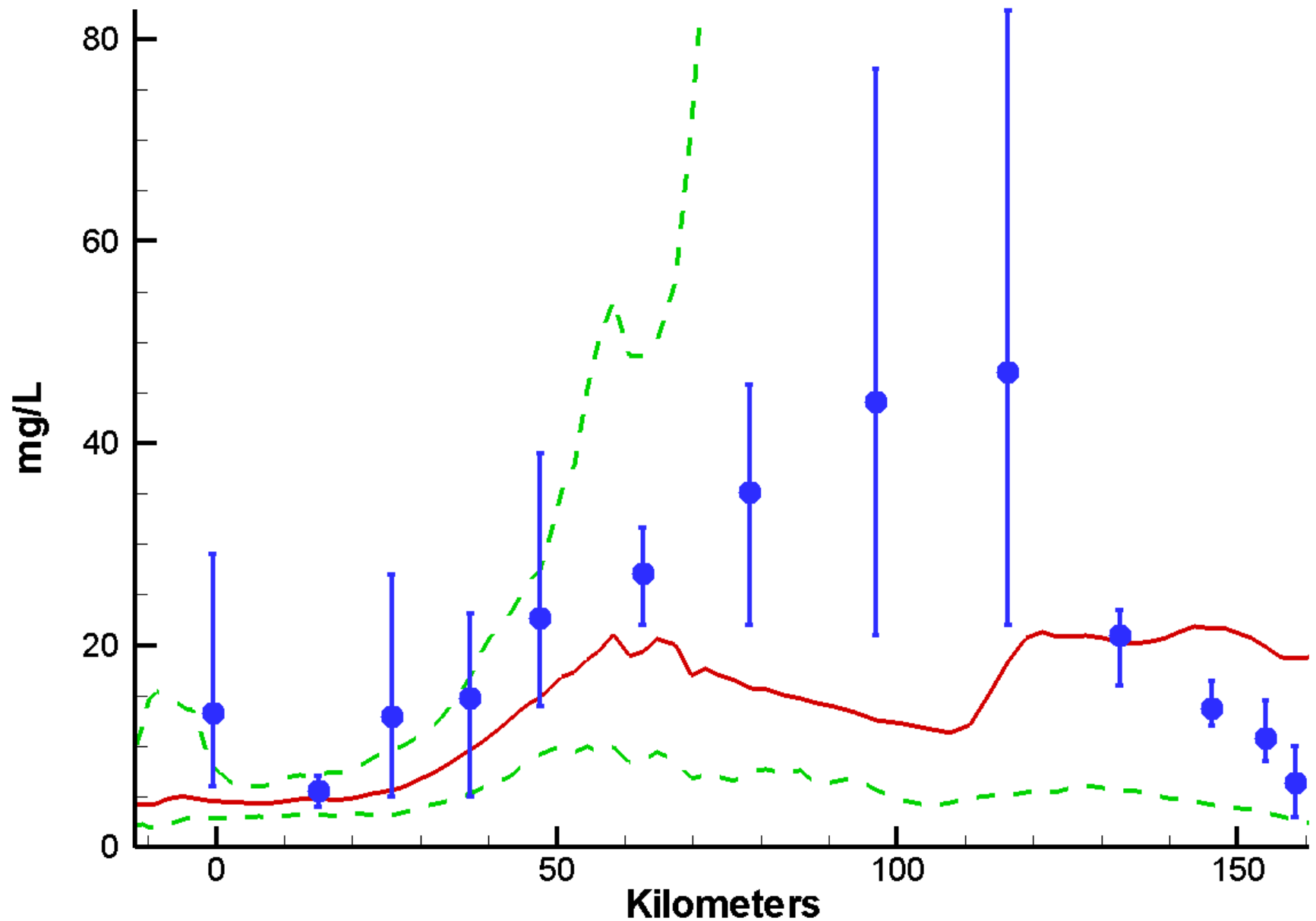
## Bottom Total Suspended Solids Summer 1994





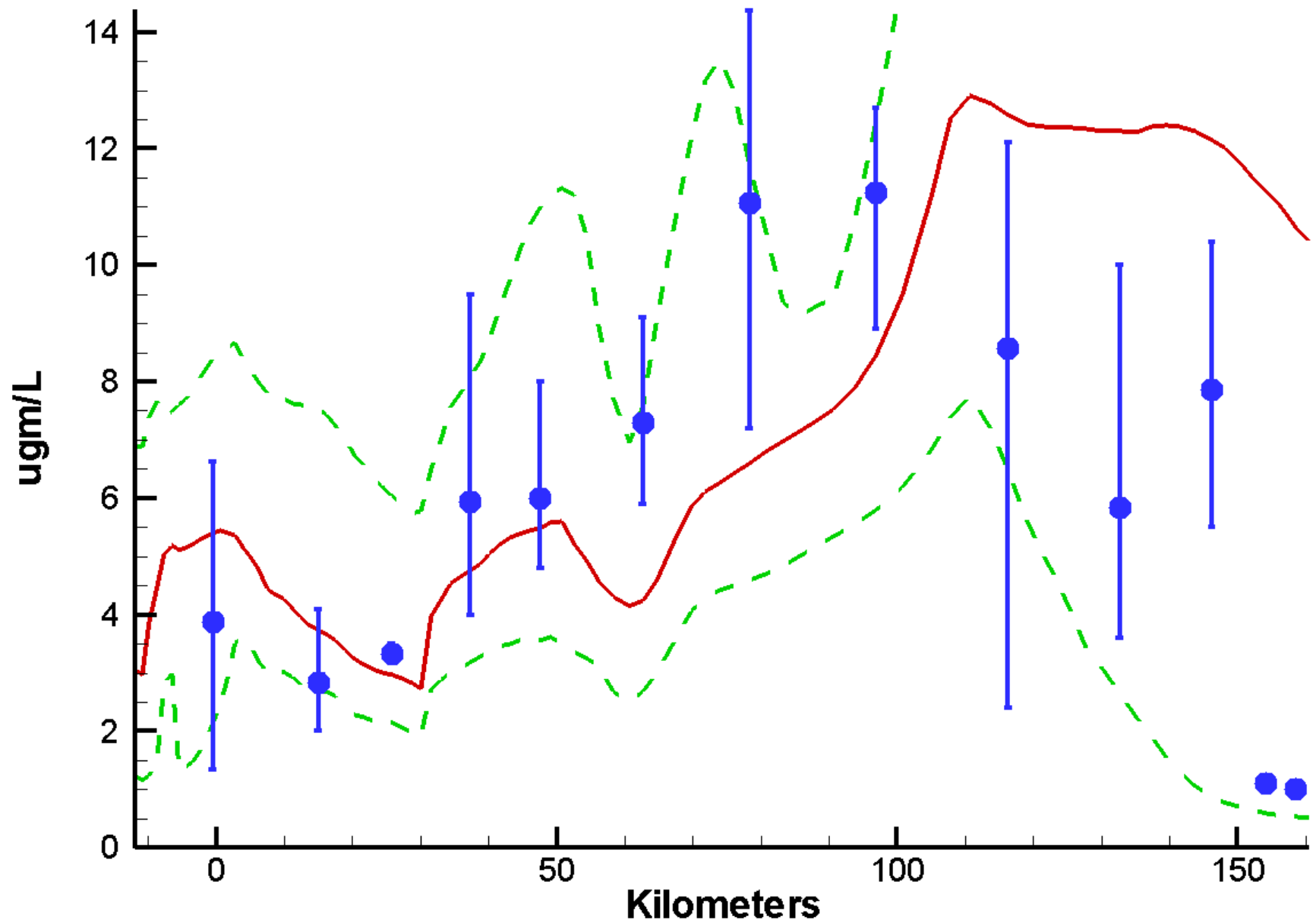
# Rappahannock River Ches2015 Run118

## Surface Total Suspended Solids Summer 1994



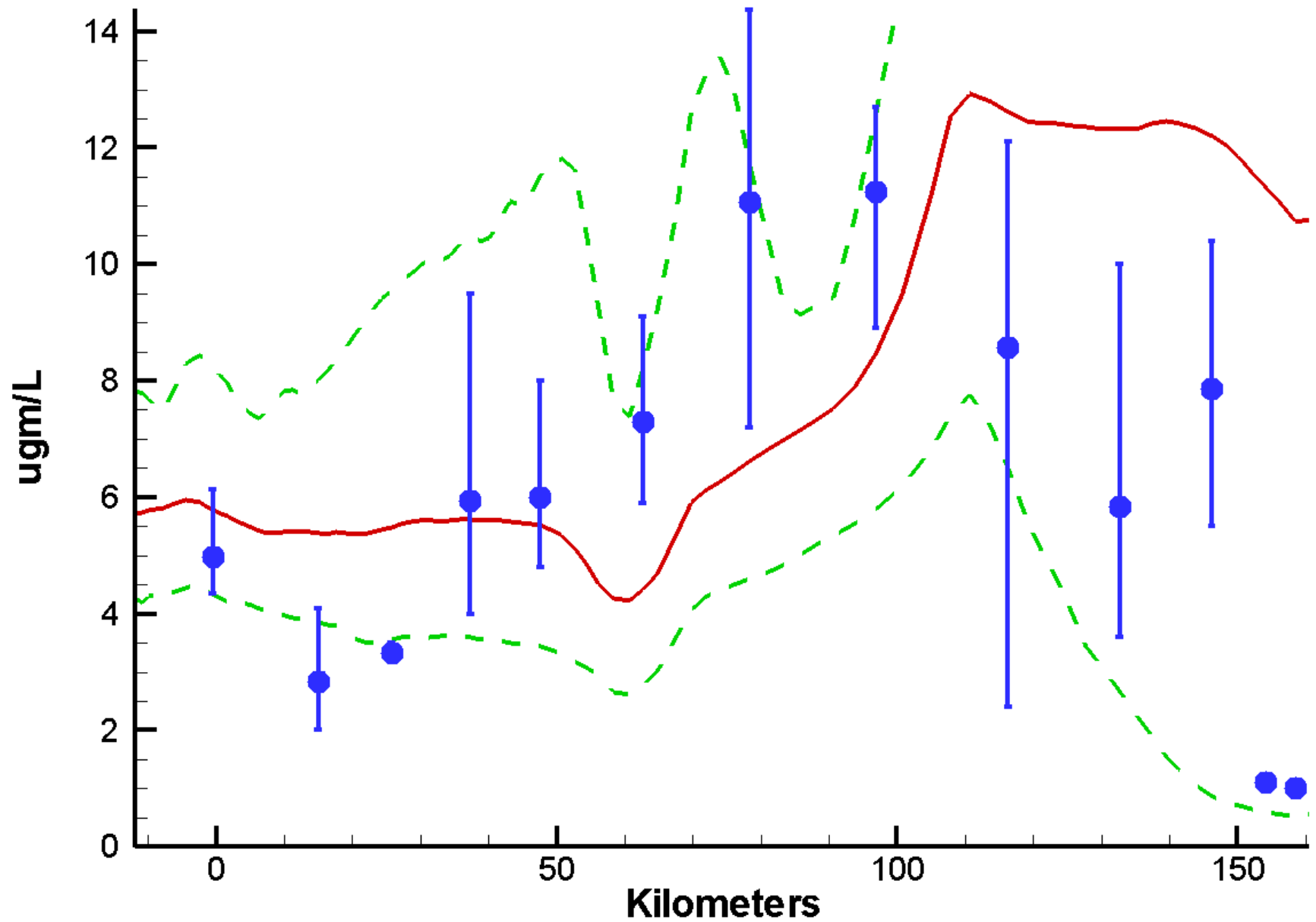
# Rappahannock River Ches2015 Run118

## Bottom Chlorophyll Fall 1994



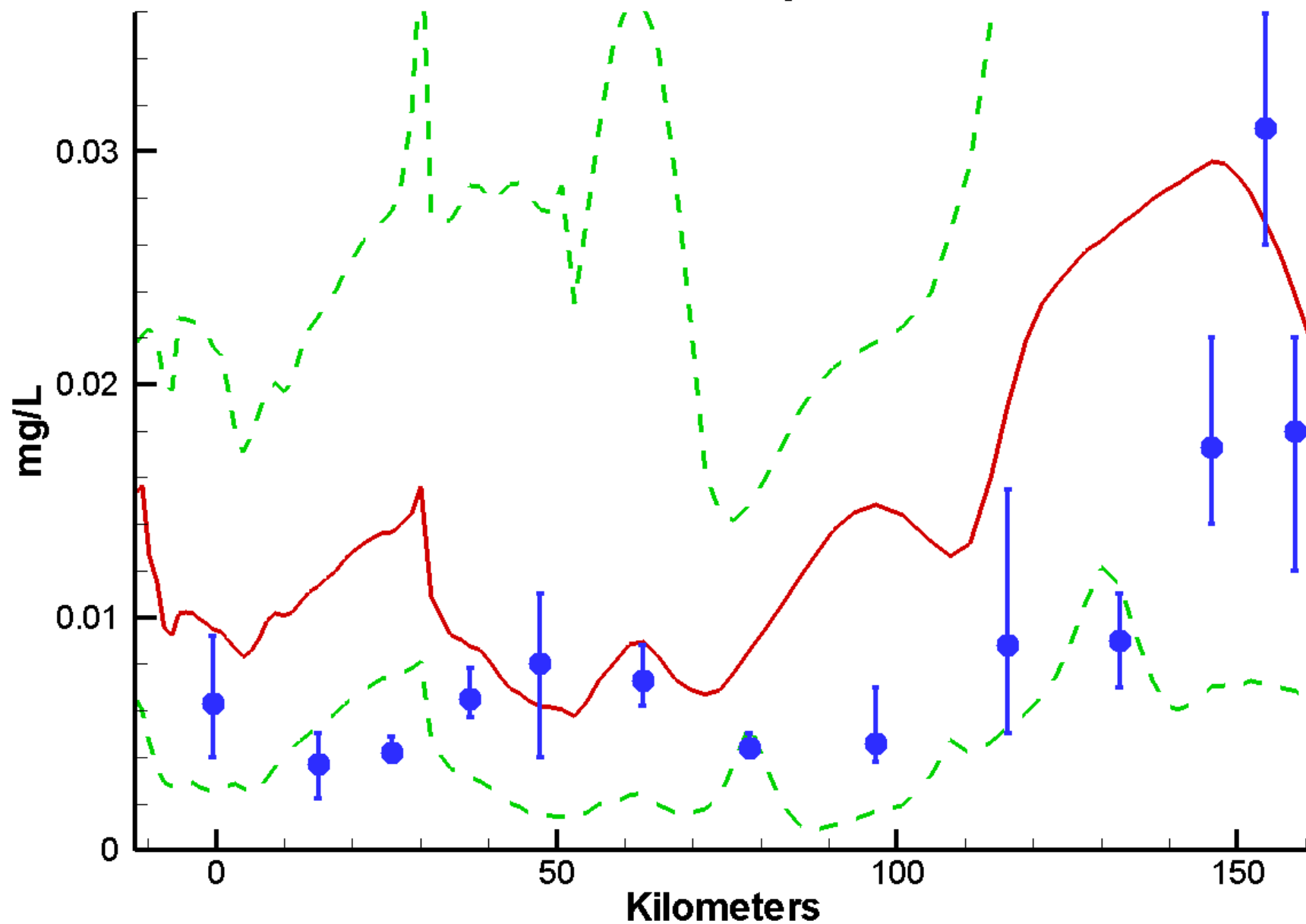
# Rappahannock River Ches2015 Run118

## Surface Chlorophyll Fall 1994



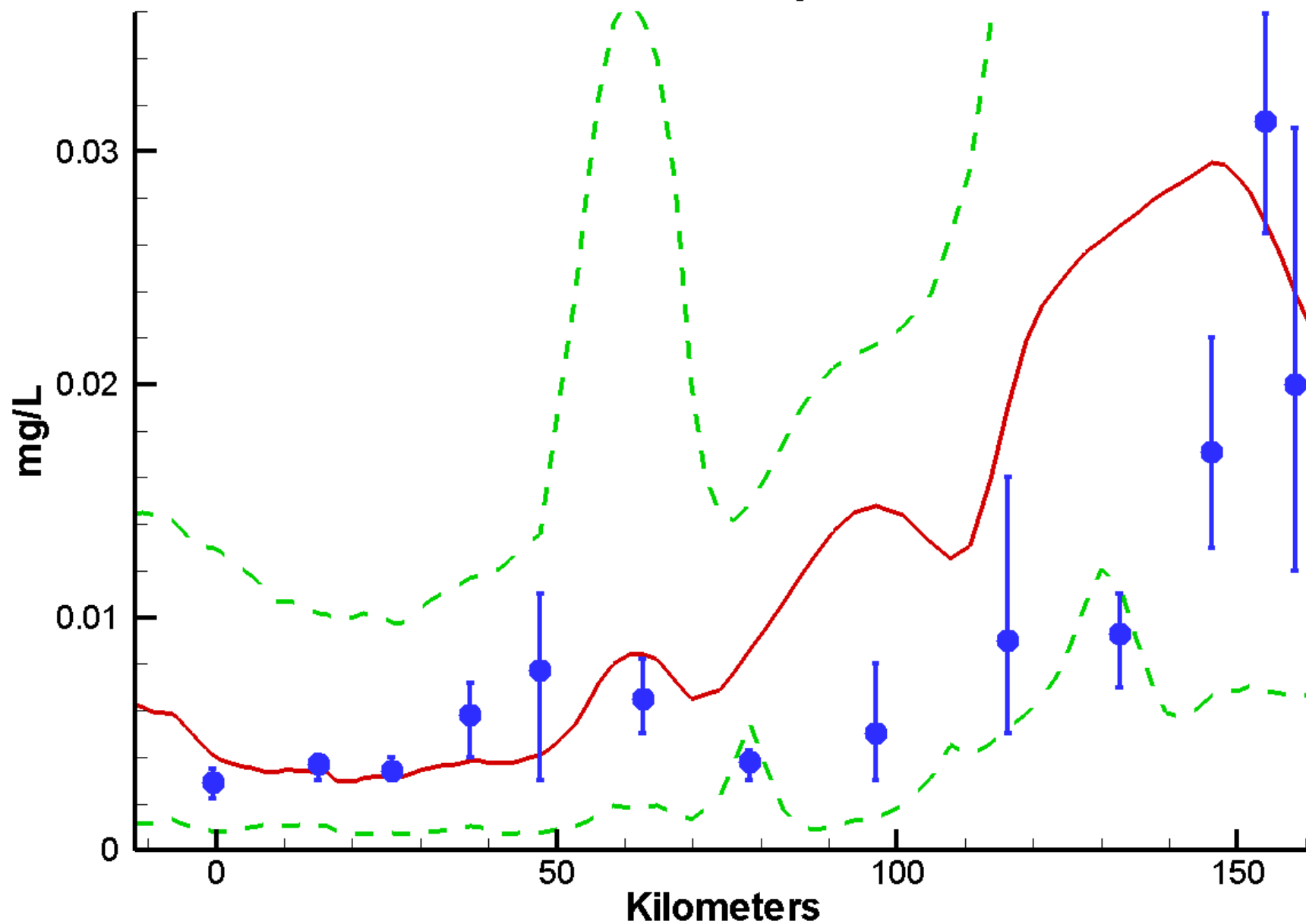
# Rappahannock River Ches2015 Run118

## Bottom Dissolved Phosphate Fall 1994

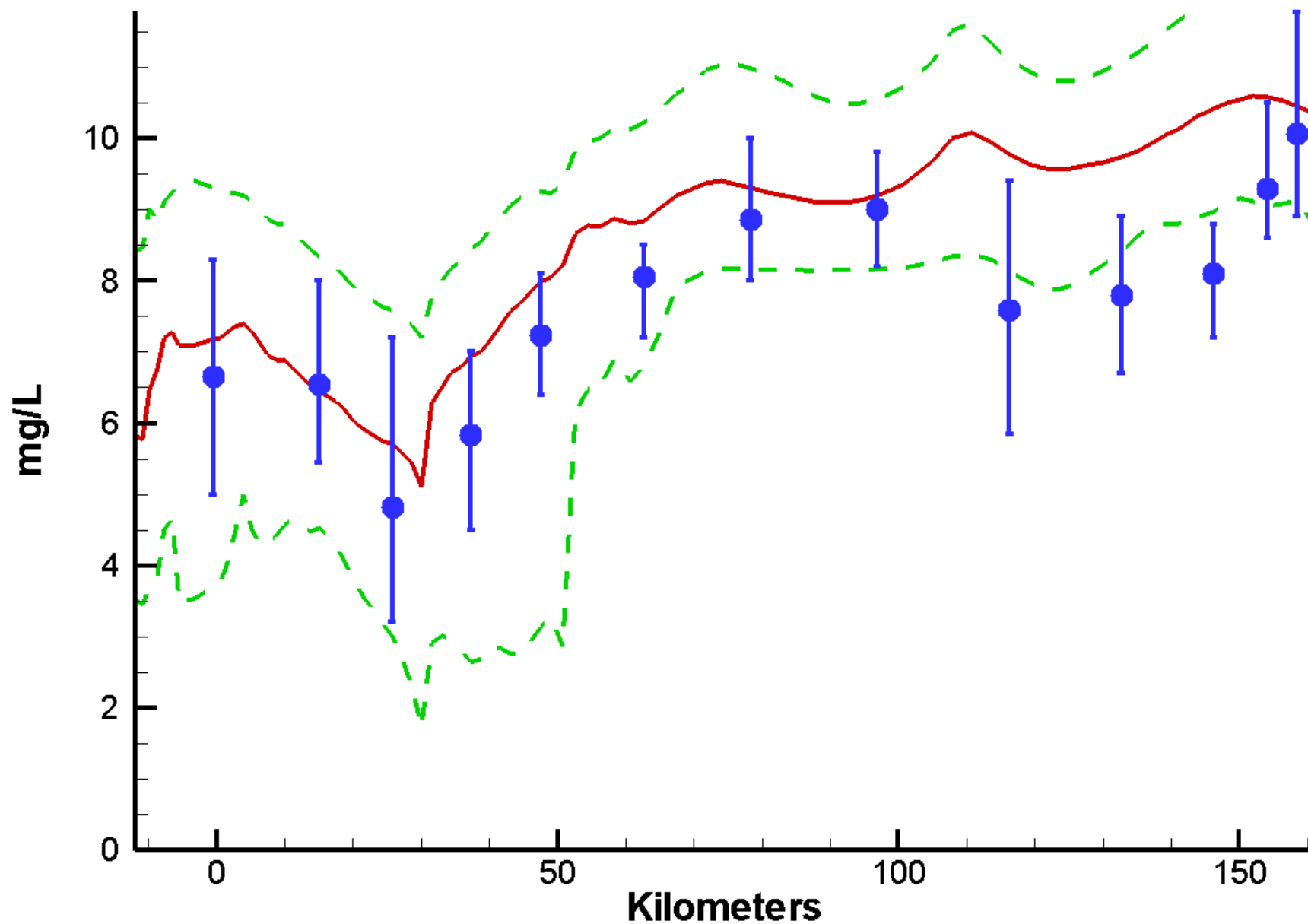


# Rappahannock River Ches2015 Run118

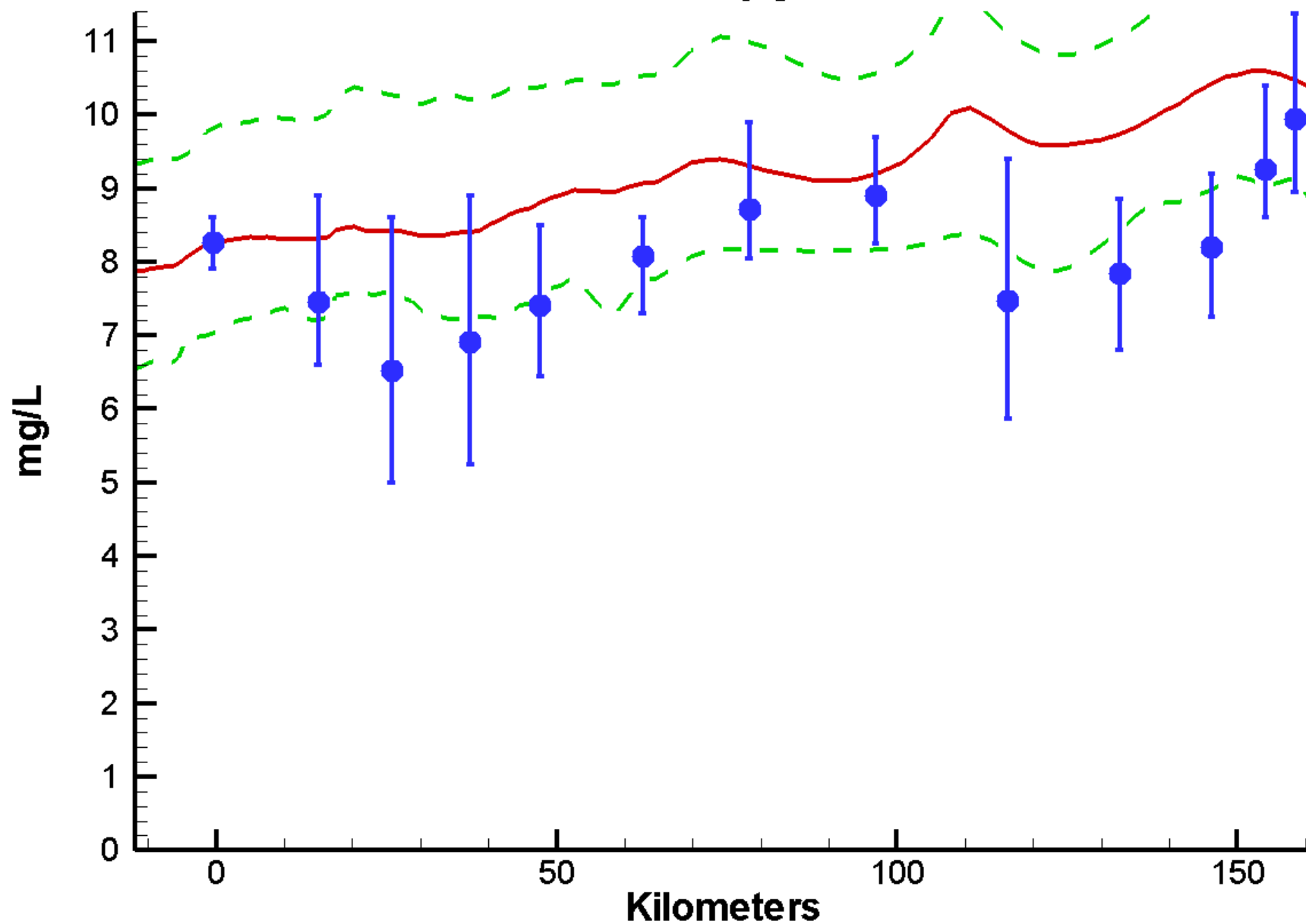
## Surface Dissolved Phosphate Fall 1994



# Rappahannock River Ches2015 Run118 Bottom Dissolved Oxygen Fall 1994

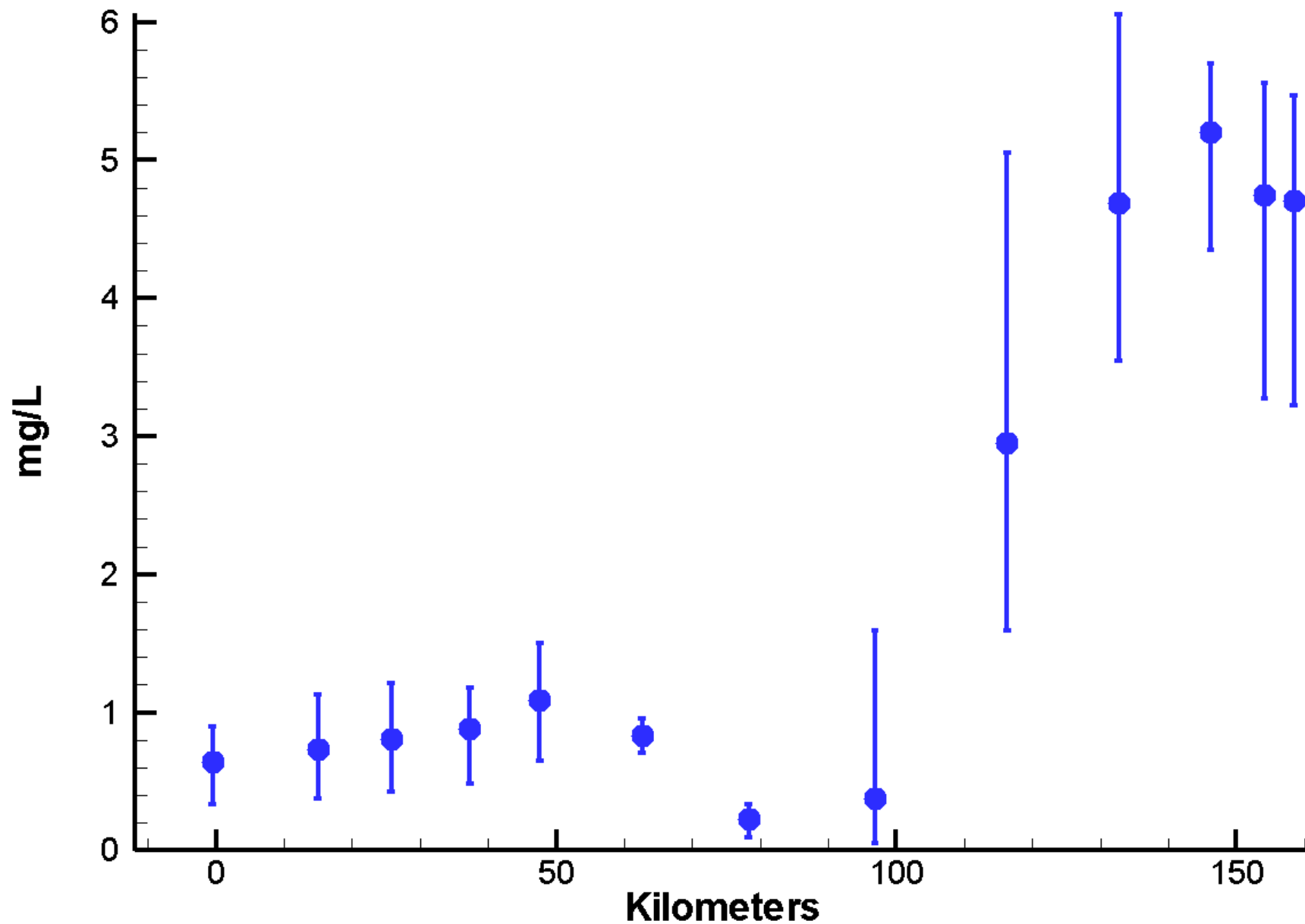


# Rappahannock River Ches2015 Run118 Surface Dissolved Oxygen Fall 1994



# Rappahannock River Ches2015 Run118

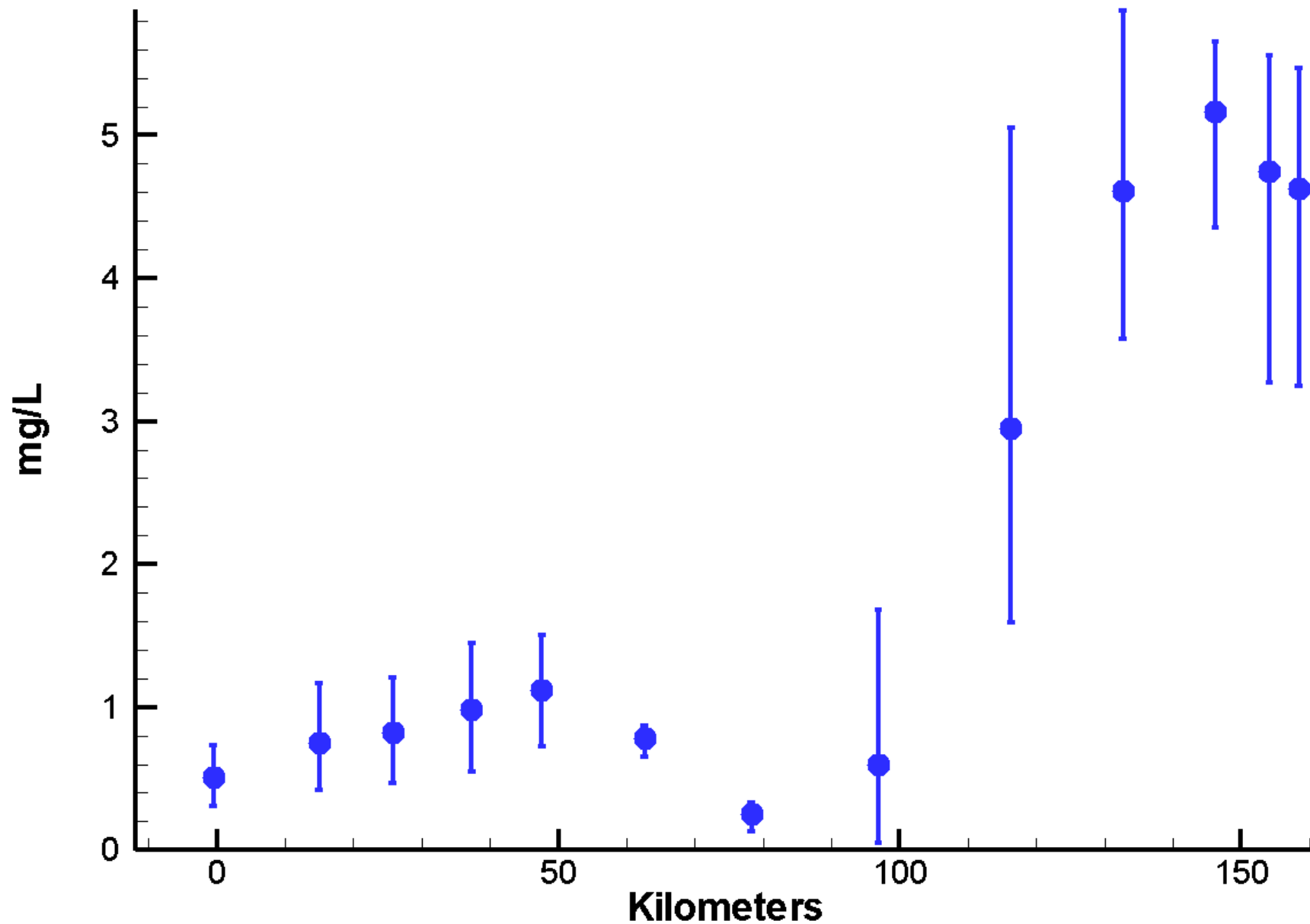
## Bottom Dissolved Silica Fall 1994



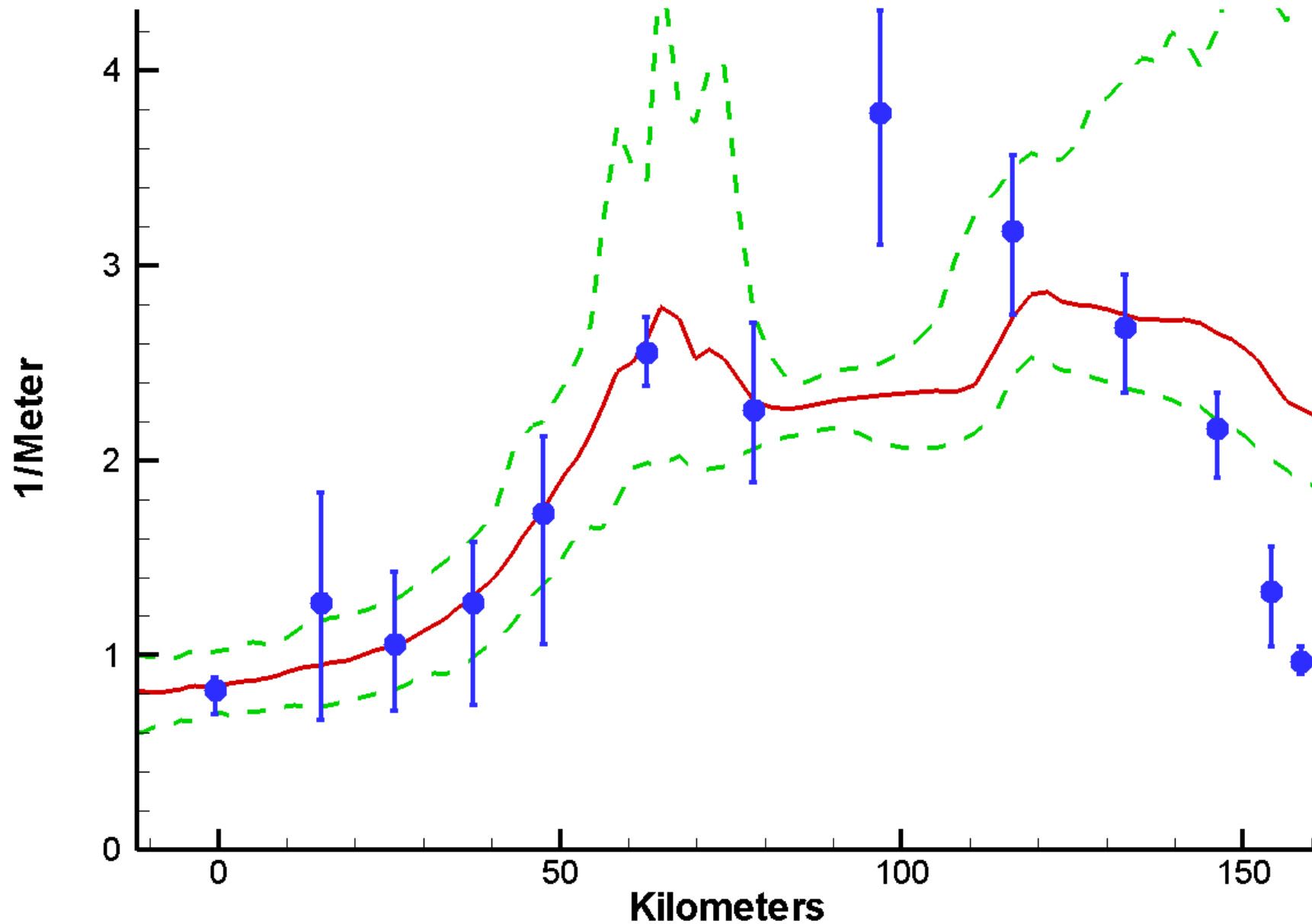


# Rappahannock River Ches2015 Run118

## Surface Dissolved Silica Fall 1994

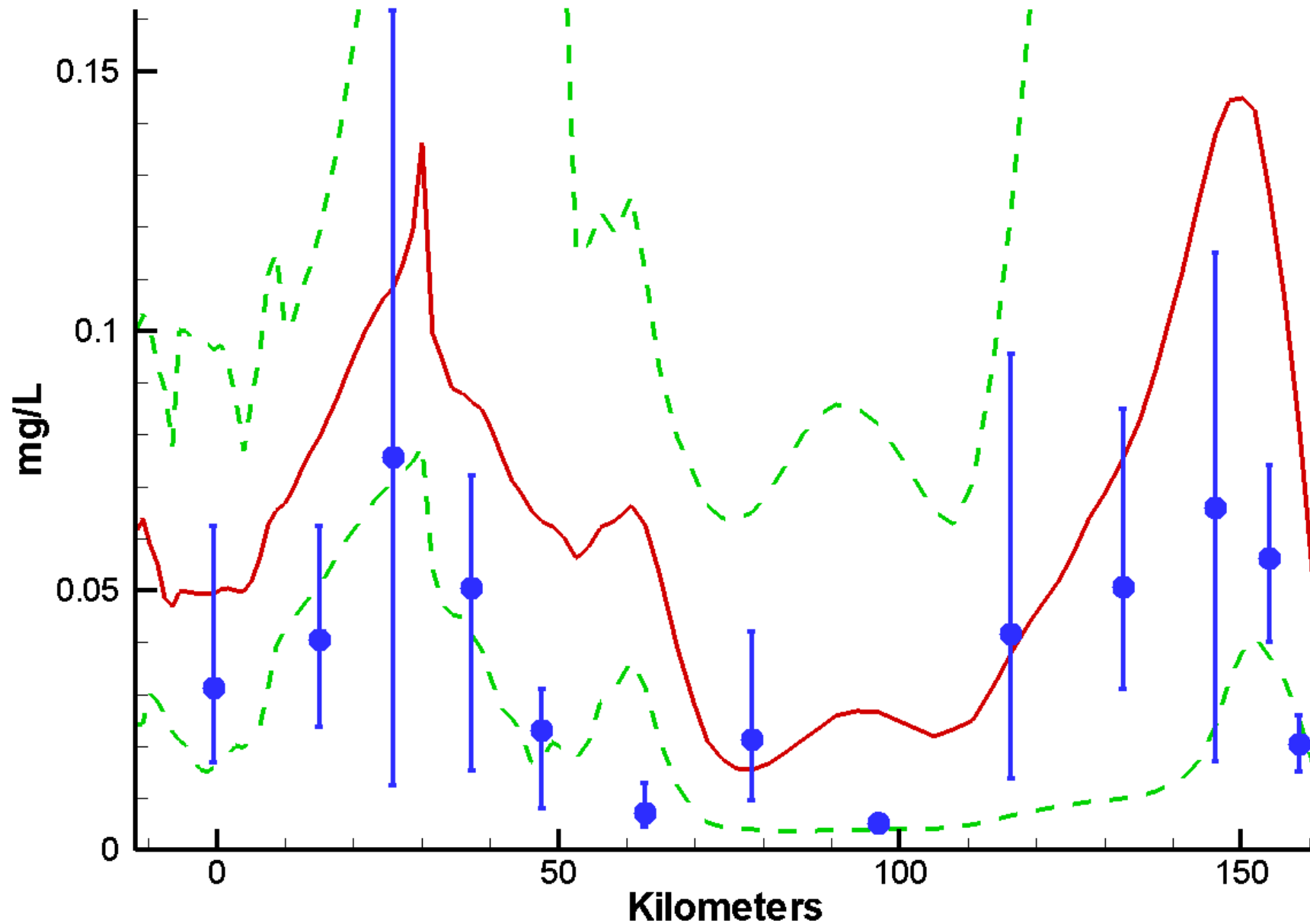


# Rappahannock River Ches2015 Run118 Surface Light Extinction Fall 1994



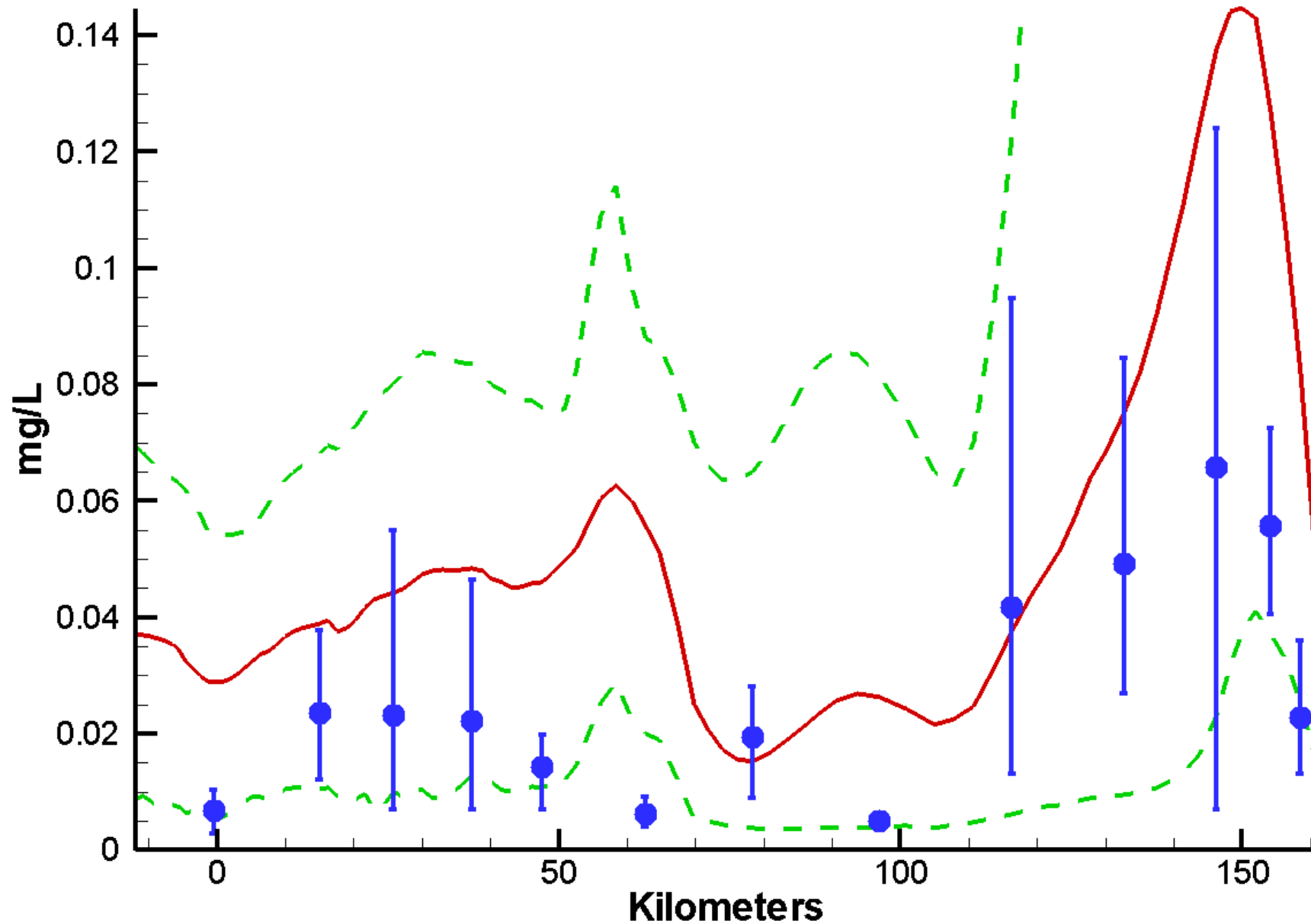
# Rappahannock River Ches2015 Run118

## Bottom Ammonium Fall 1994



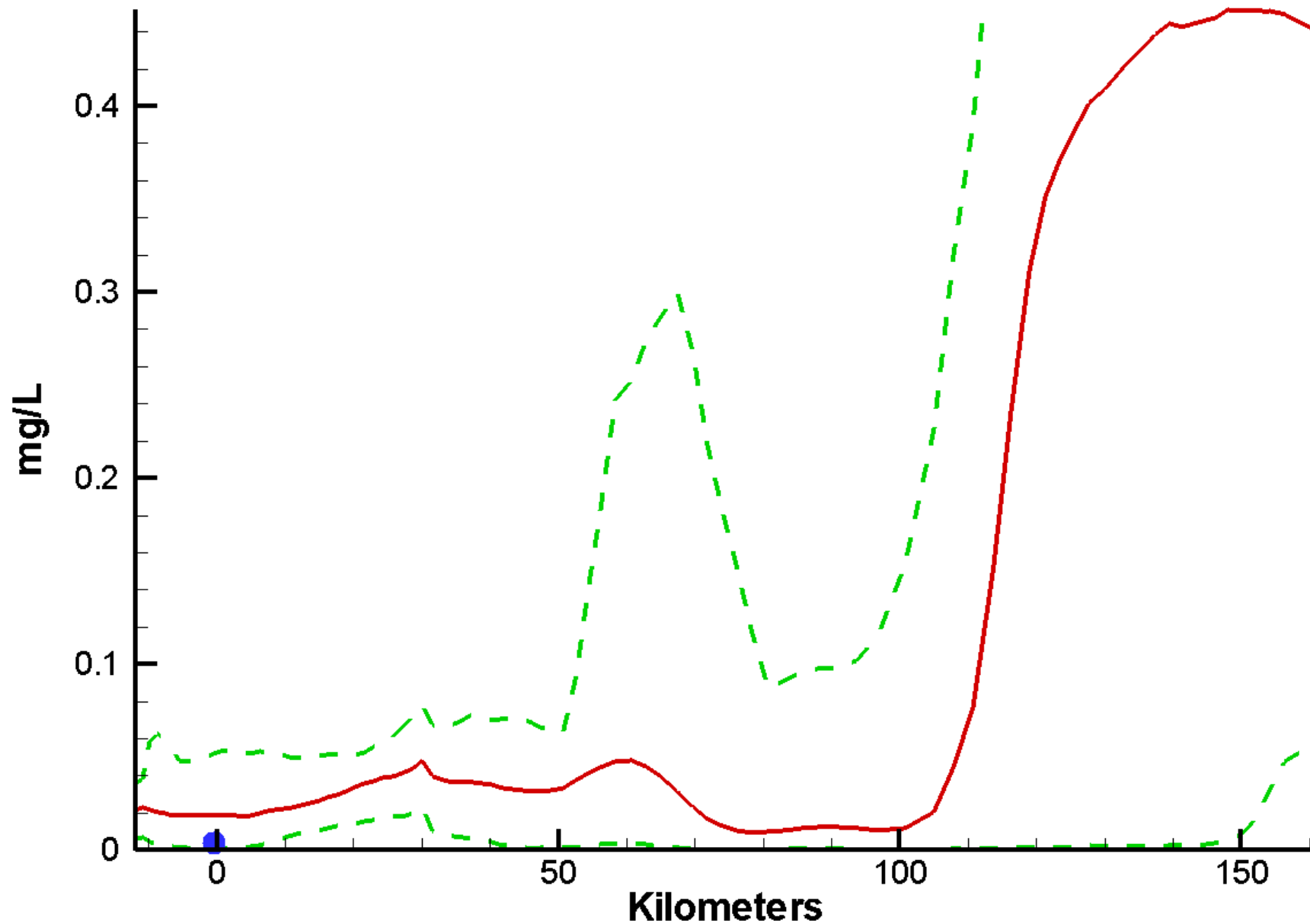
# Rappahannock River Ches2015 Run118

## Surface Ammonium Fall 1994



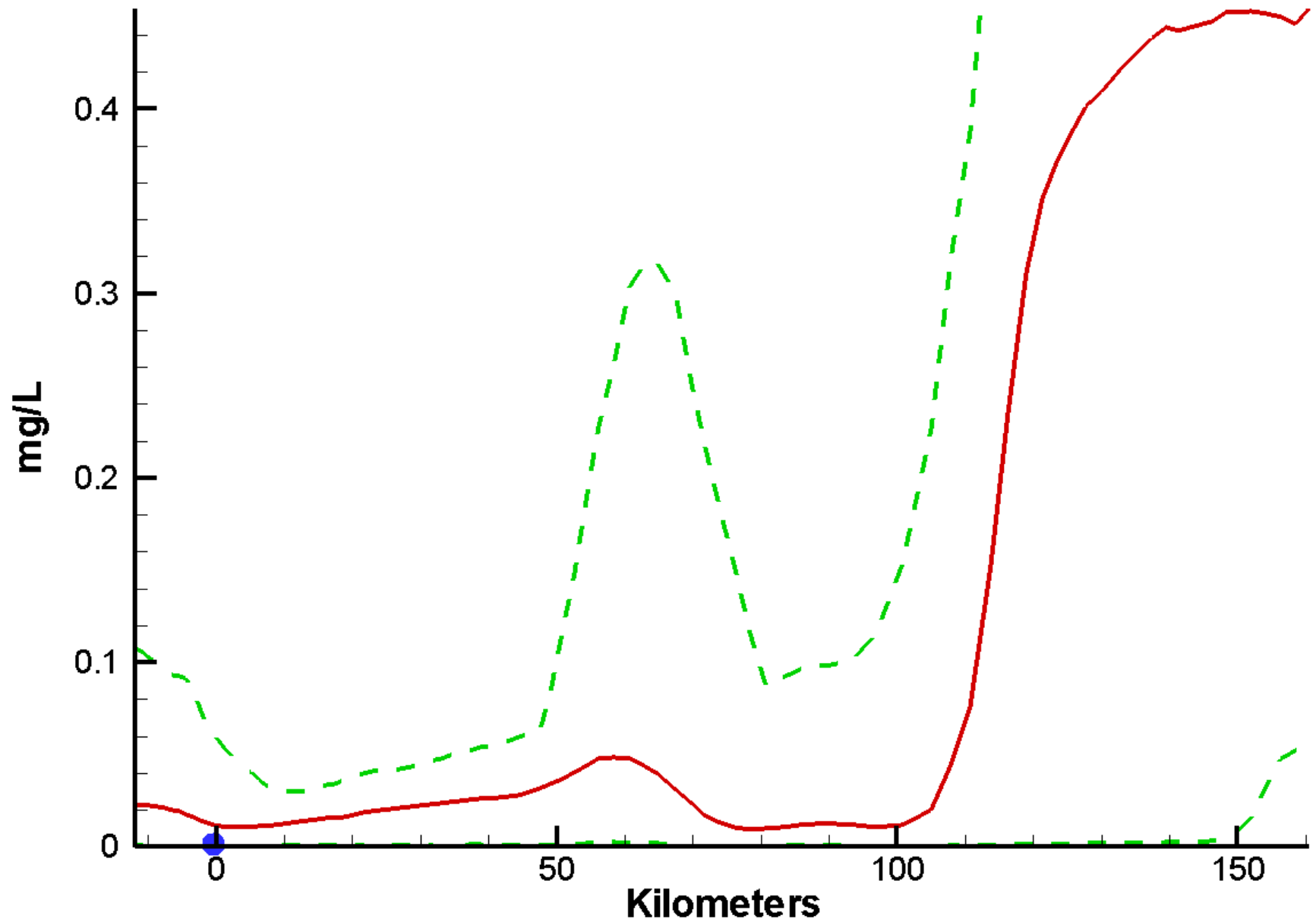
# Rappahannock River Ches2015 Run118

## Bottom Nitrate Fall 1994



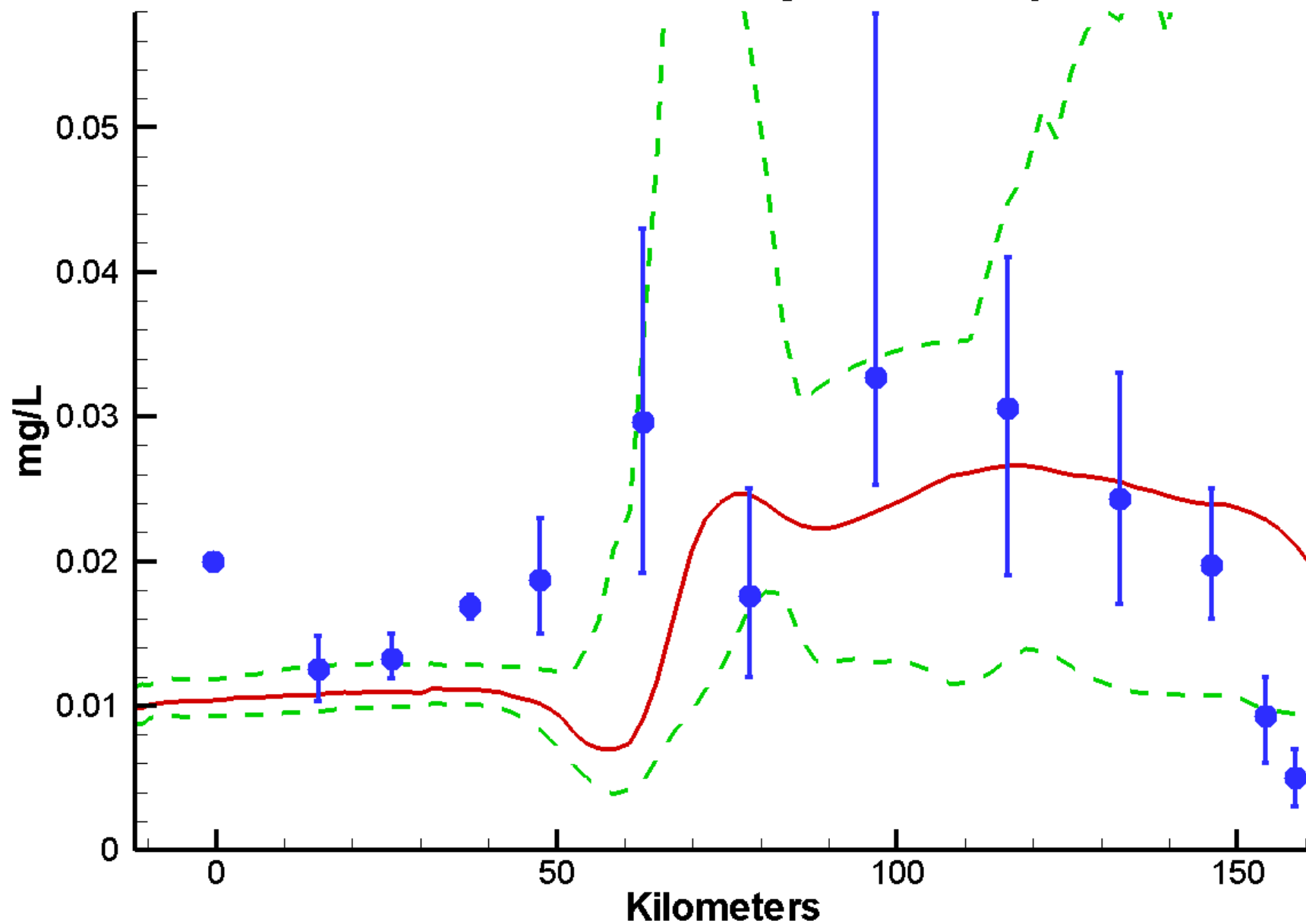
# Rappahannock River Ches2015 Run118

## Surface Nitrate Fall 1994



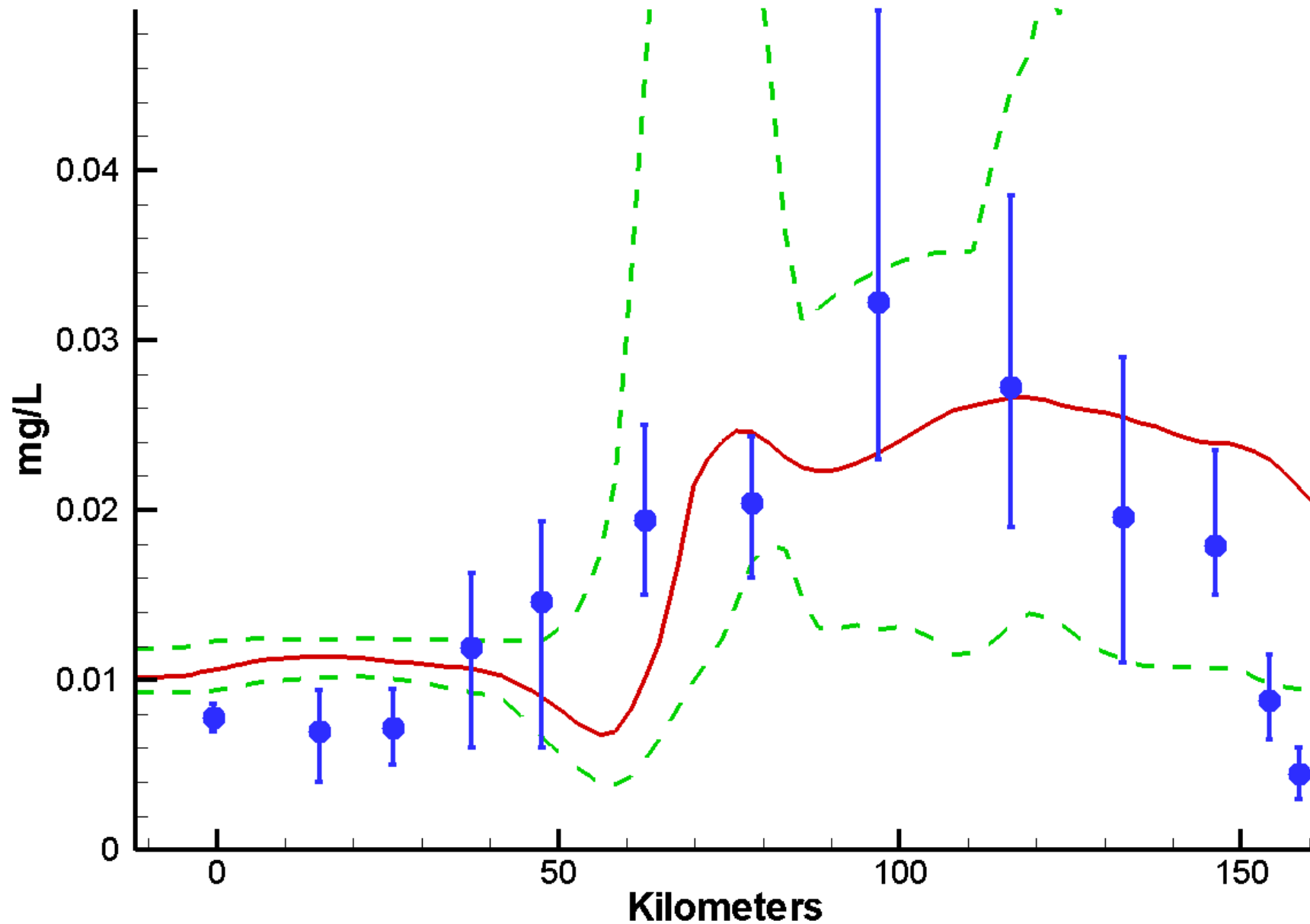
# Rappahannock River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1994



# Rappahannock River Ches2015 Run118

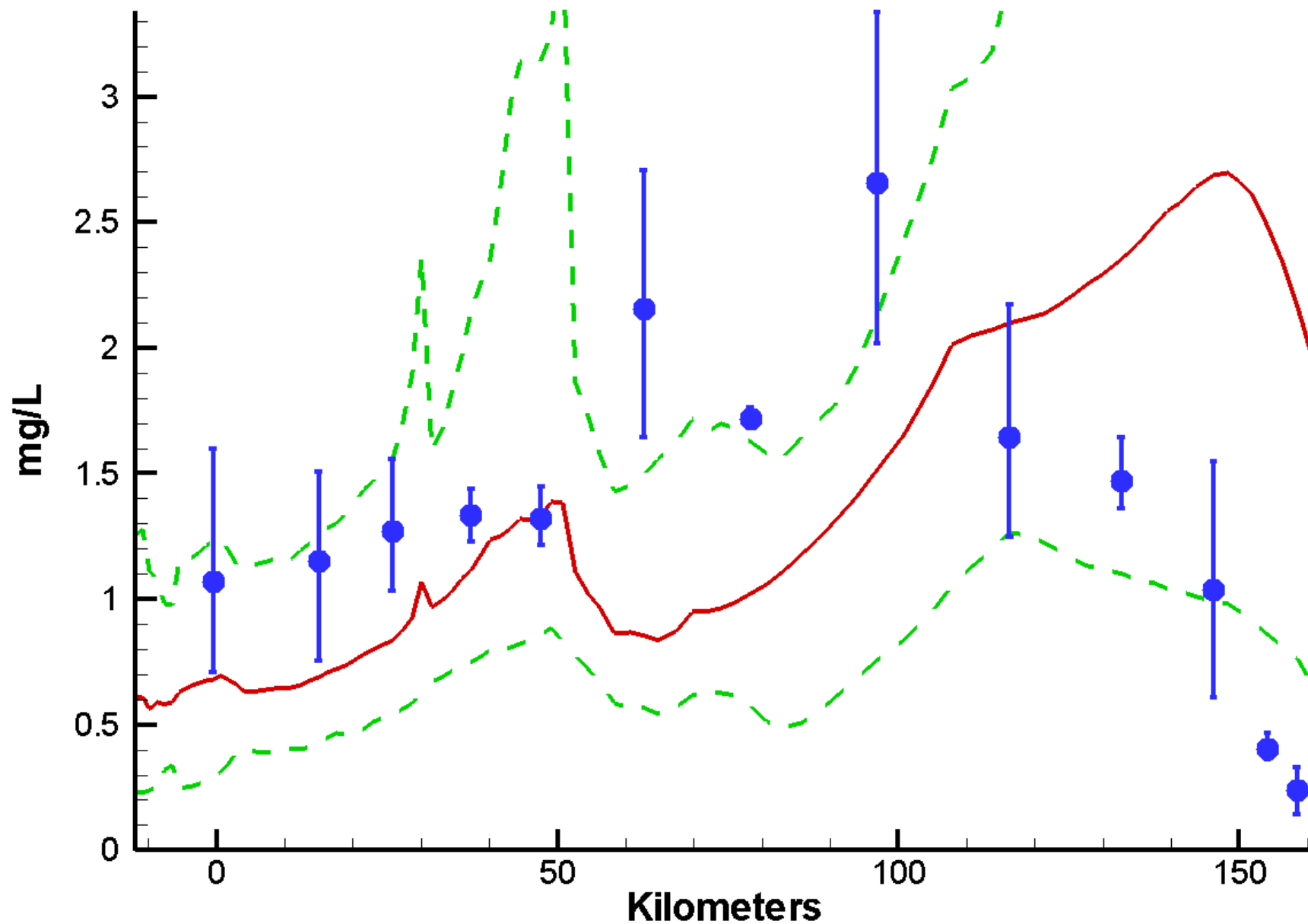
## Surface Particulate Inorganic Phosphorus Fall 1994



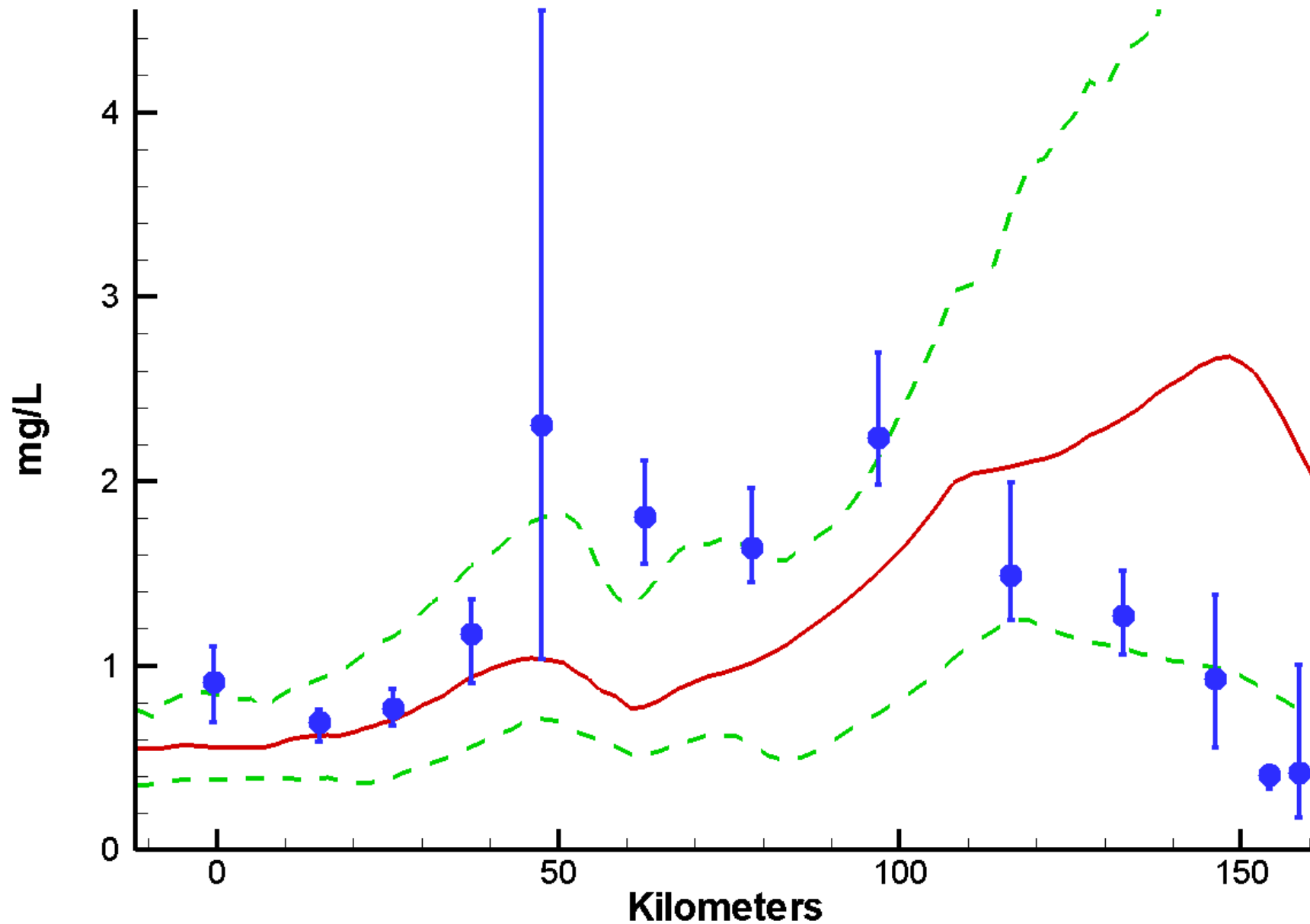


# Rappahannock River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1994

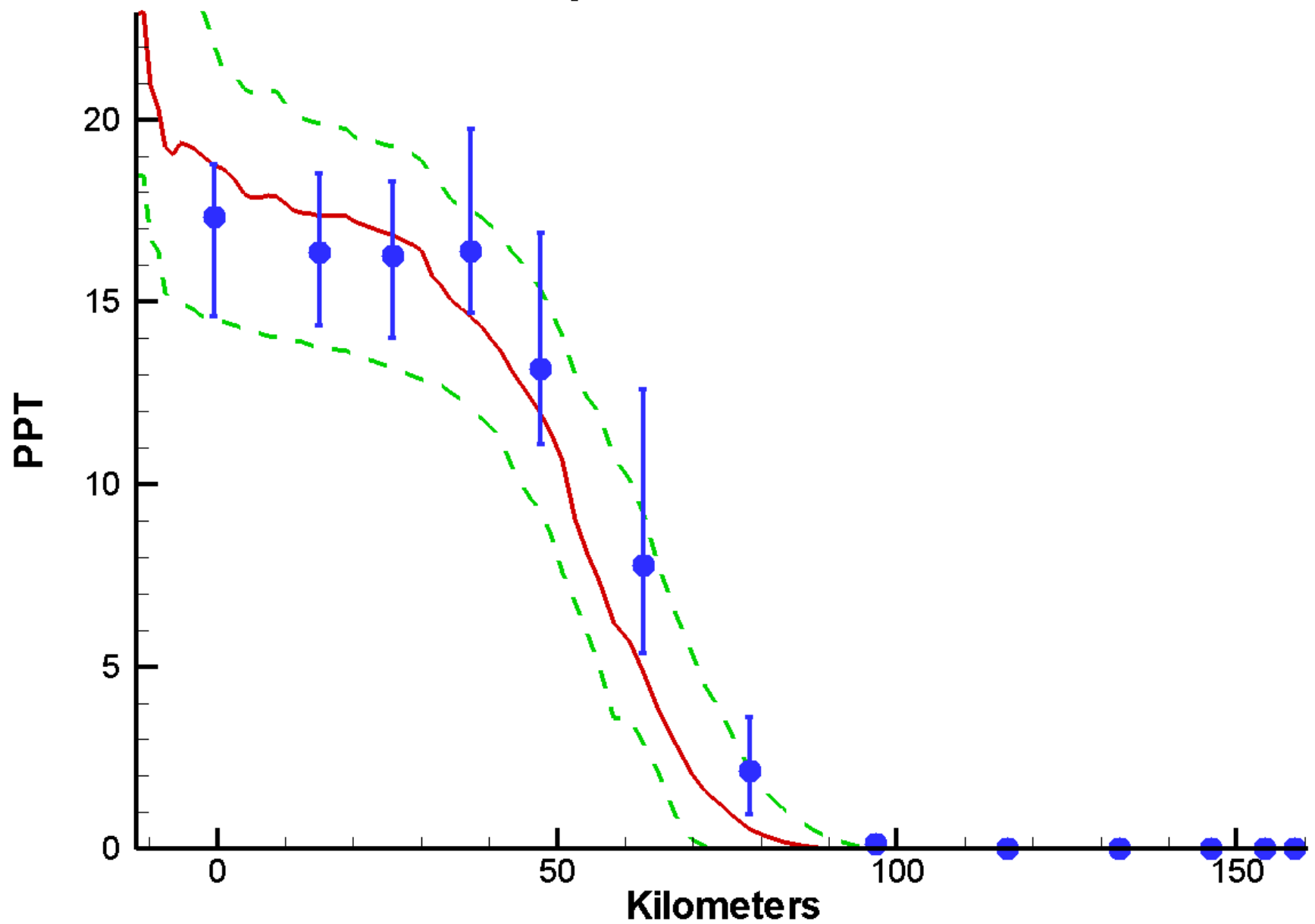


# Rappahannock River Ches2015 Run118 Surface Particulate Organic Carbon Fall 1994



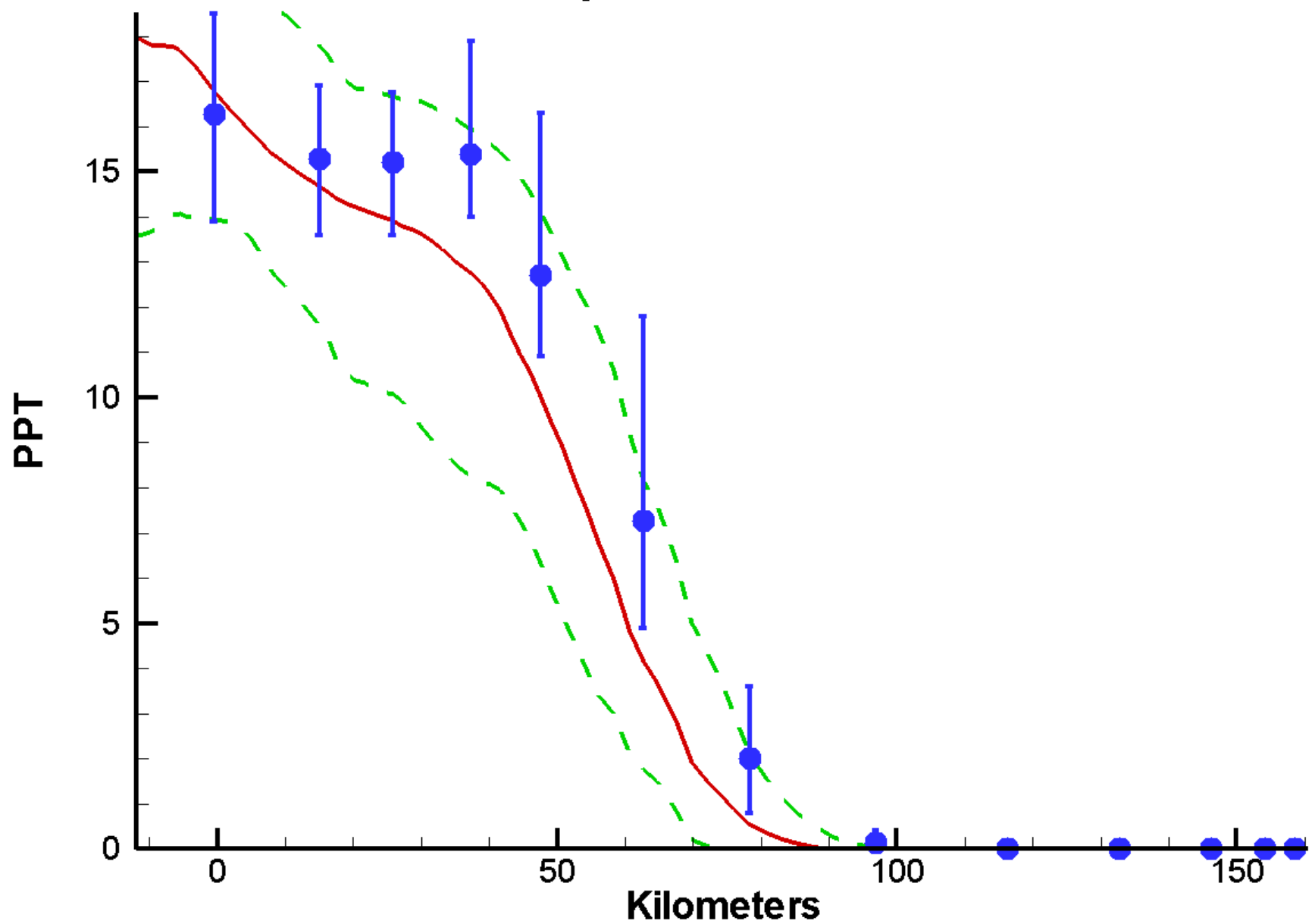
# Rappahannock River Ches2015 Run118

## Bottom Salinity Fall 1994



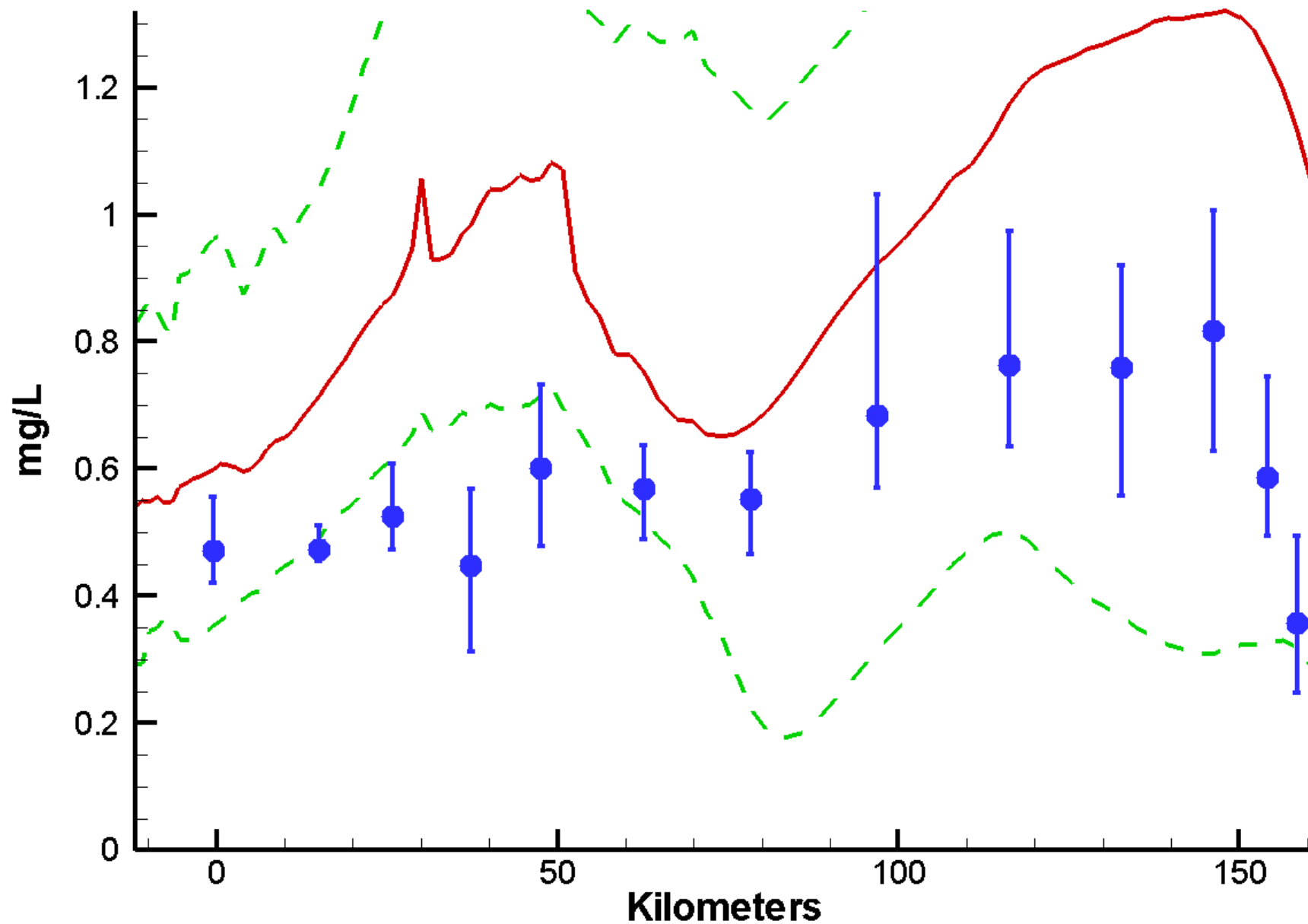
# Rappahannock River Ches2015 Run118

## Surface Salinity Fall 1994



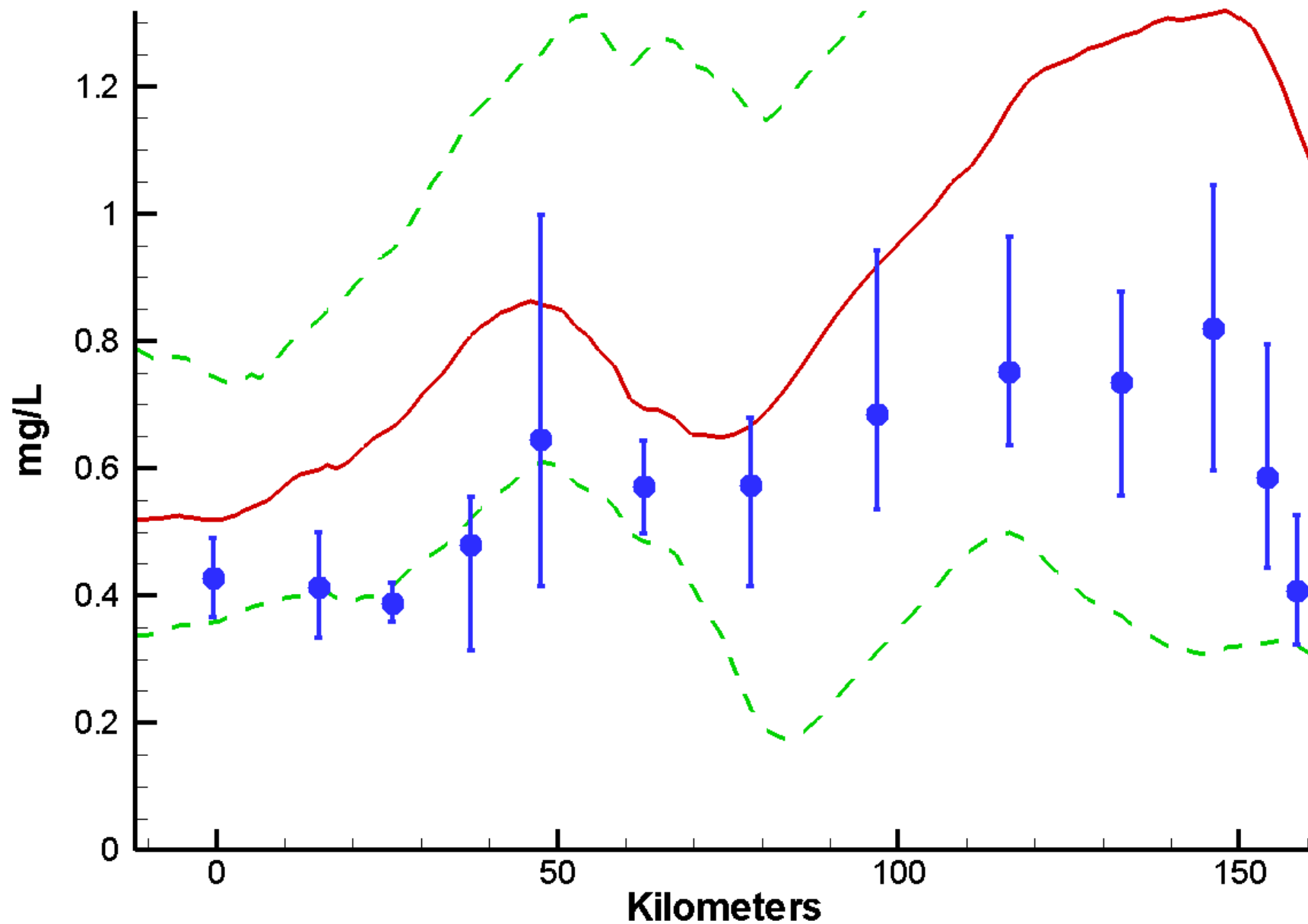
# Rappahannock River Ches2015 Run118

## Bottom Total Nitrogen Fall 1994



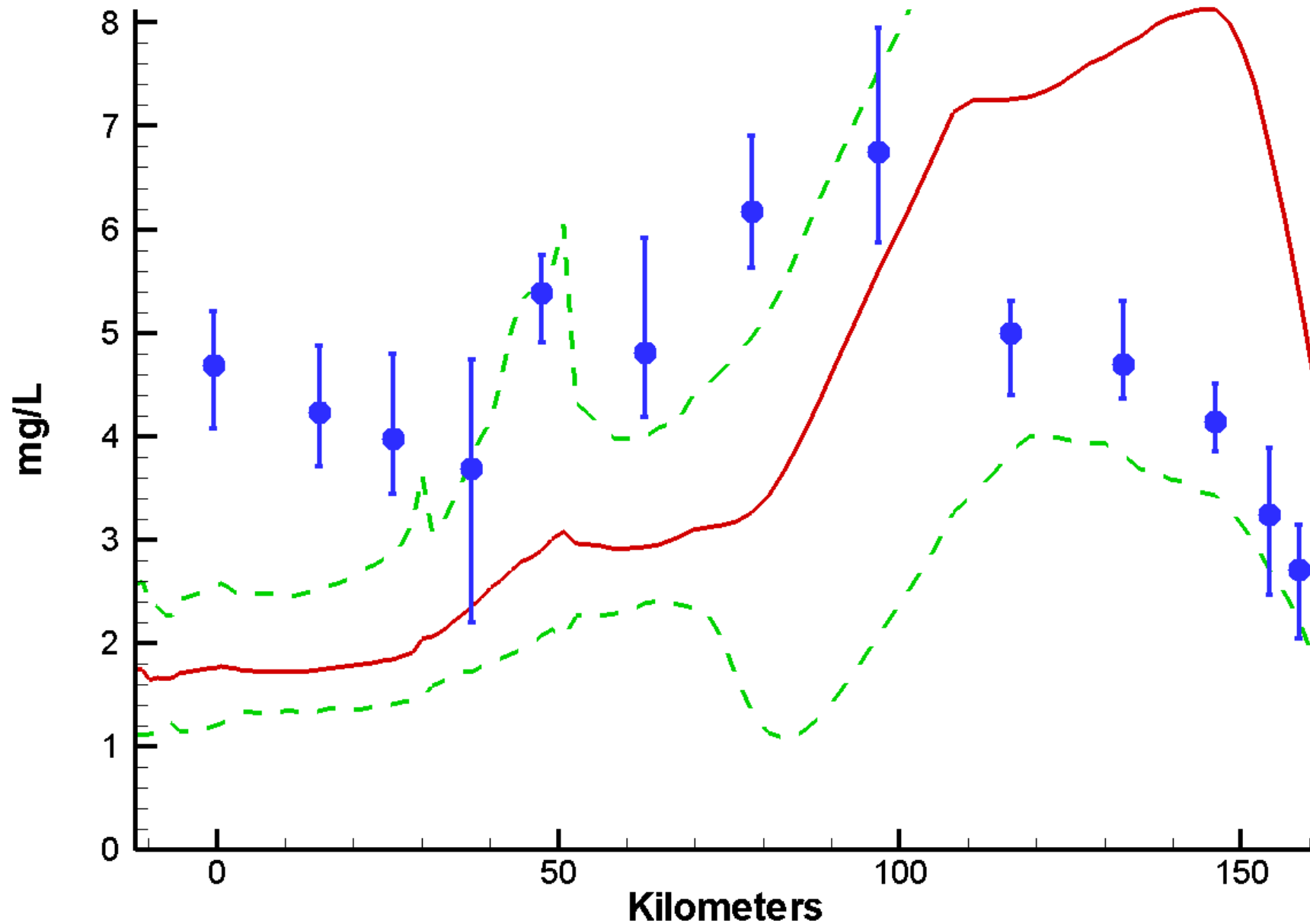
# Rappahannock River Ches2015 Run118

## Surface Total Nitrogen Fall 1994



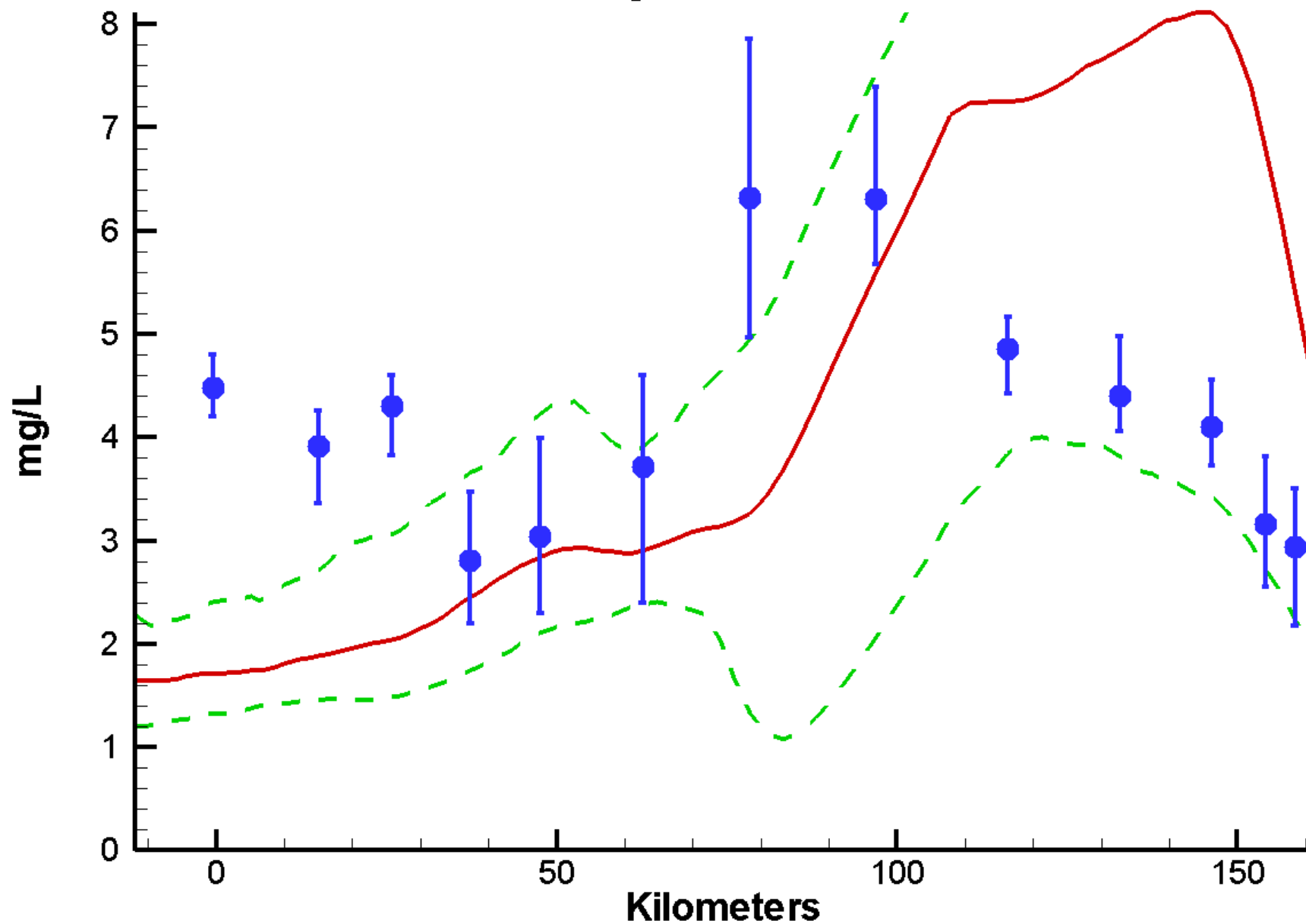
# Rappahannock River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1994



# Rappahannock River Ches2015 Run118

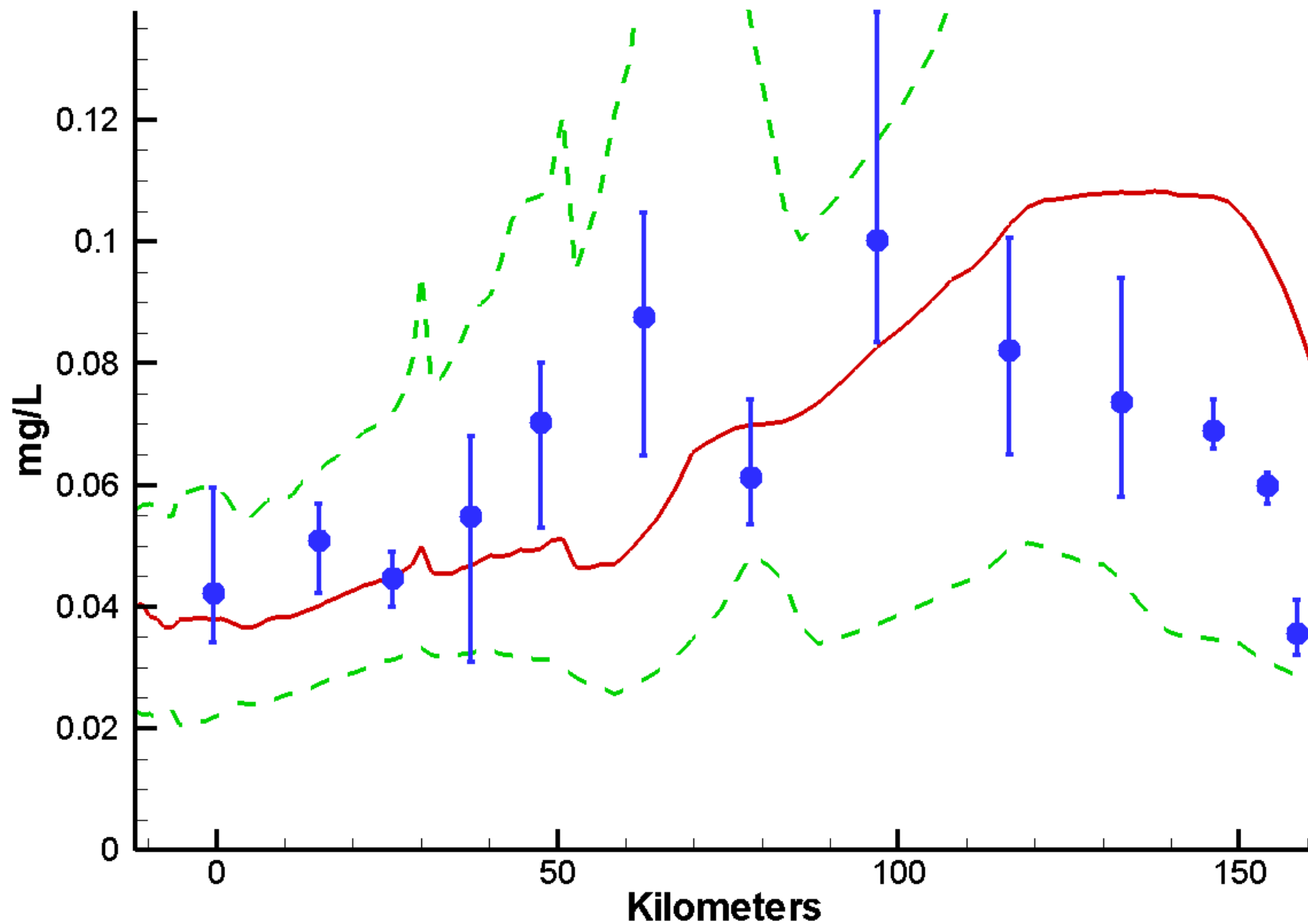
## Surface Total Organic Carbon Fall 1994





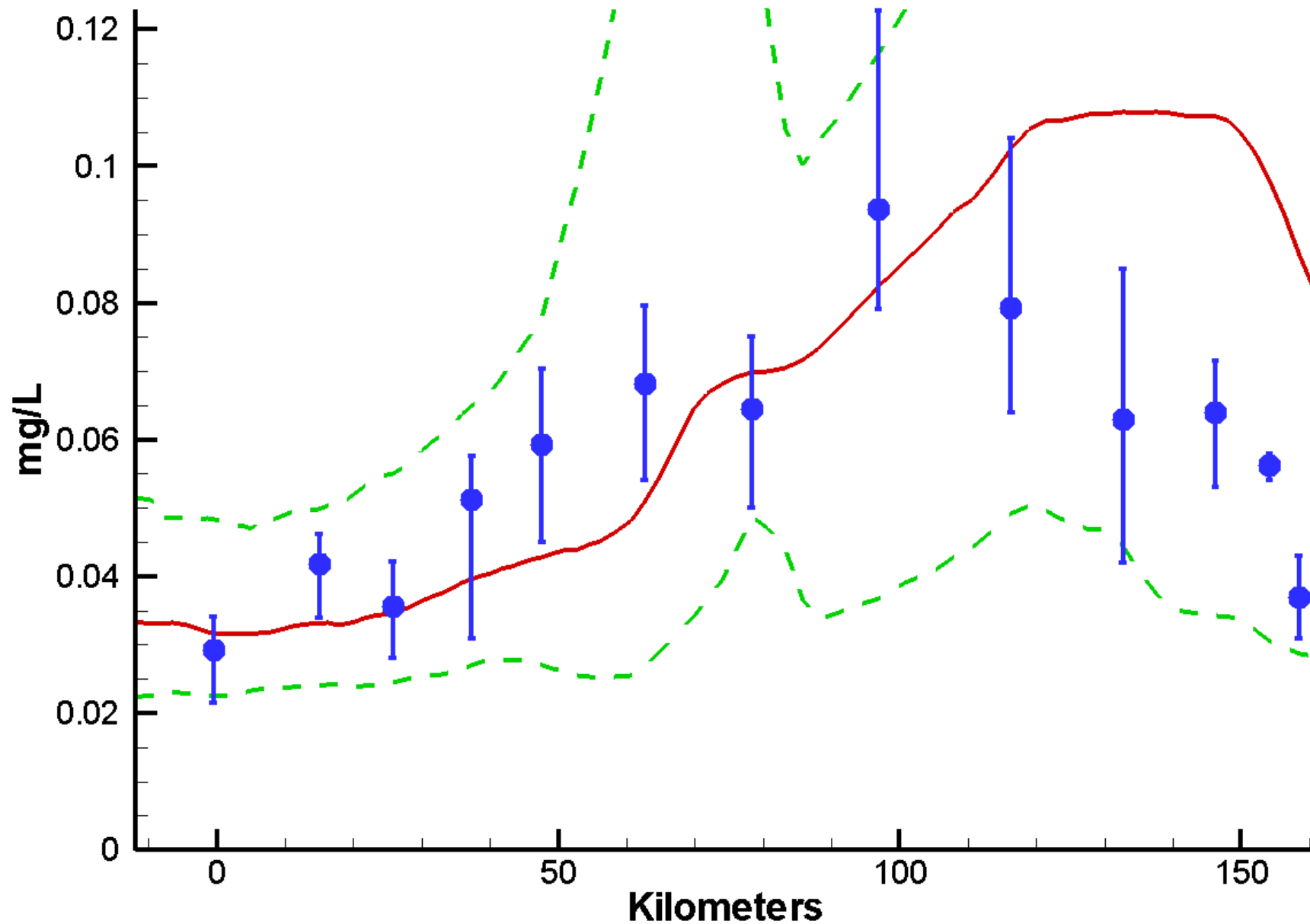
# Rappahannock River Ches2015 Run118

## Bottom Total Phosphorus Fall 1994



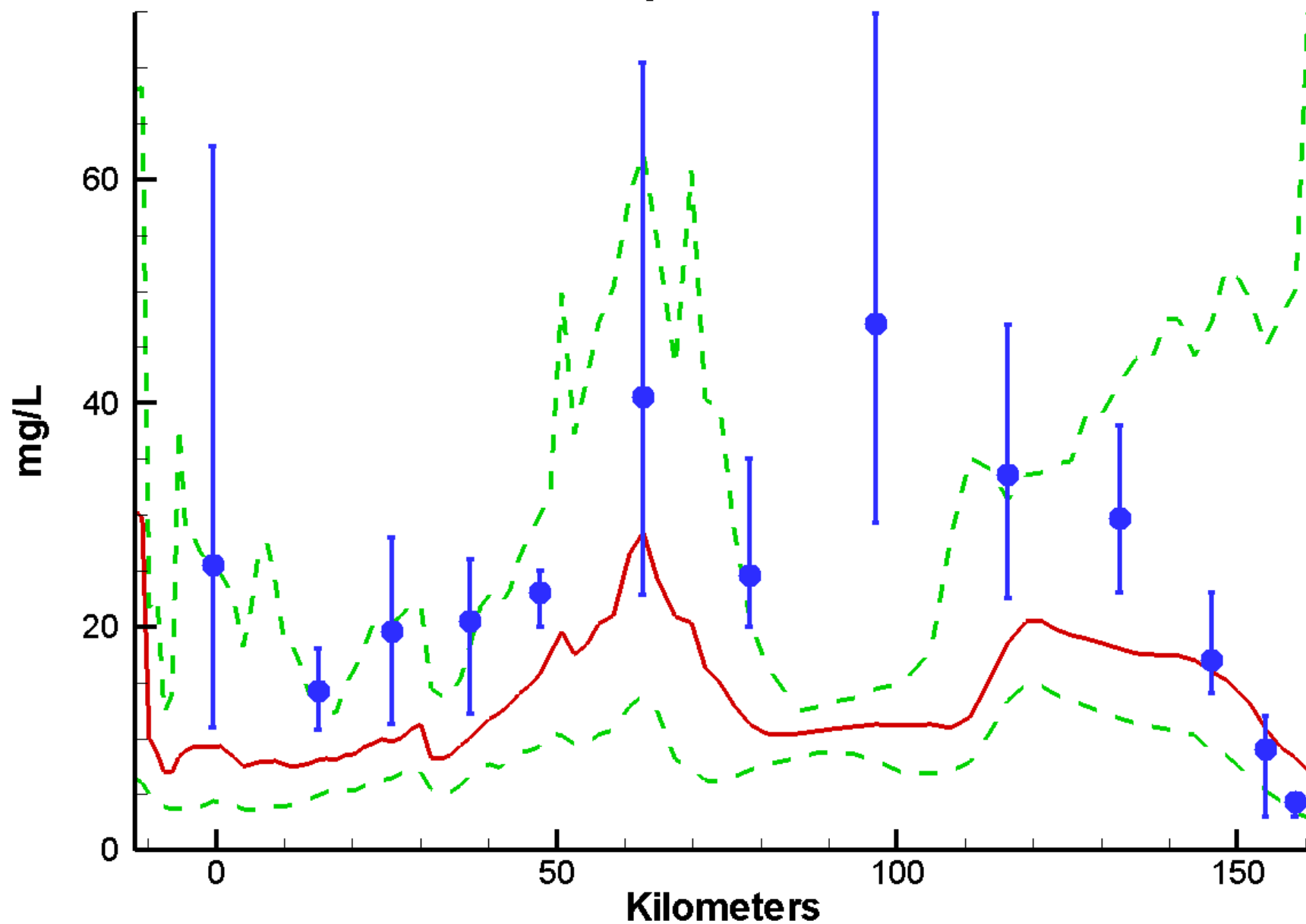
# Rappahannock River Ches2015 Run118

## Surface Total Phosphorus Fall 1994



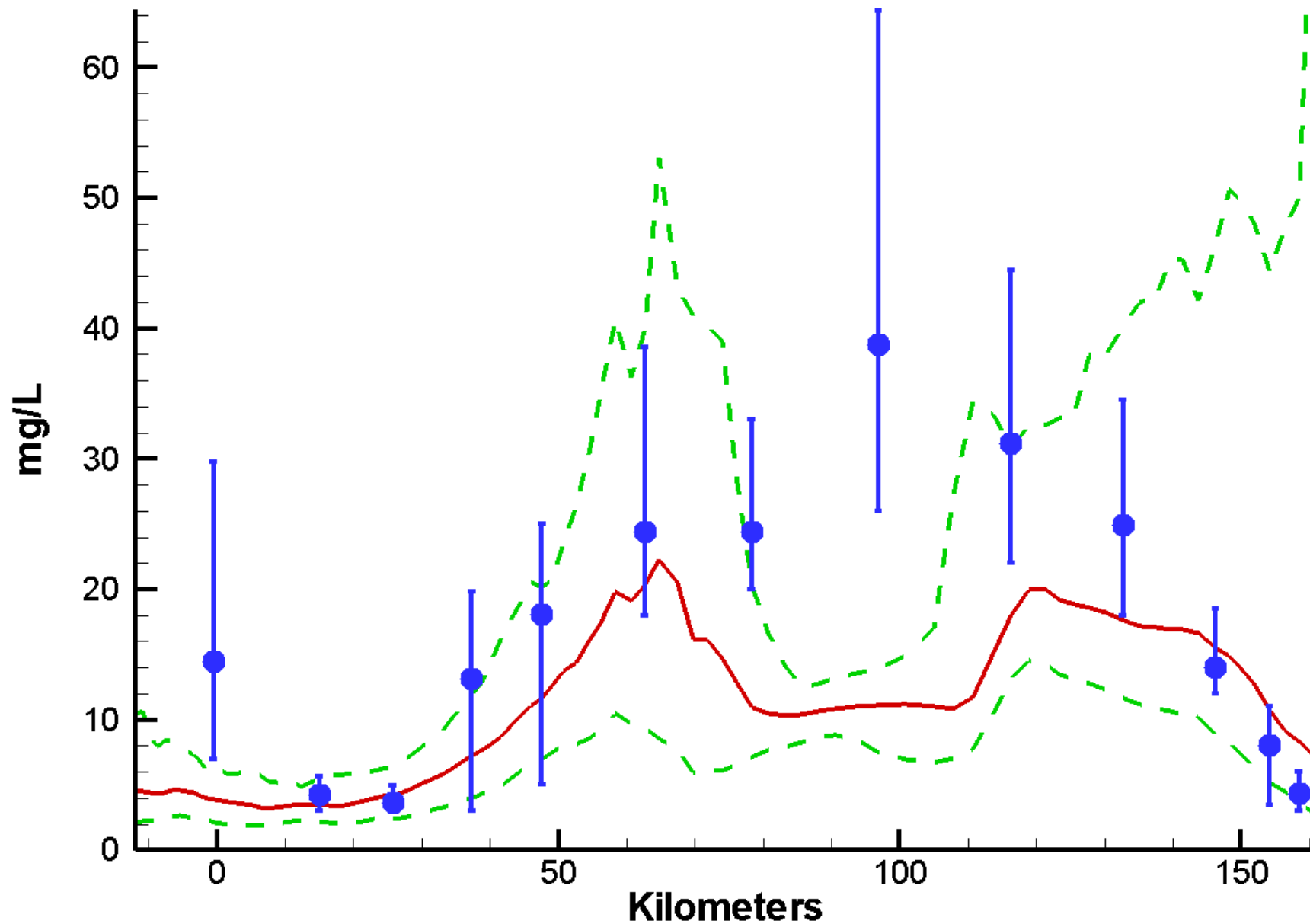
# Rappahannock River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1994



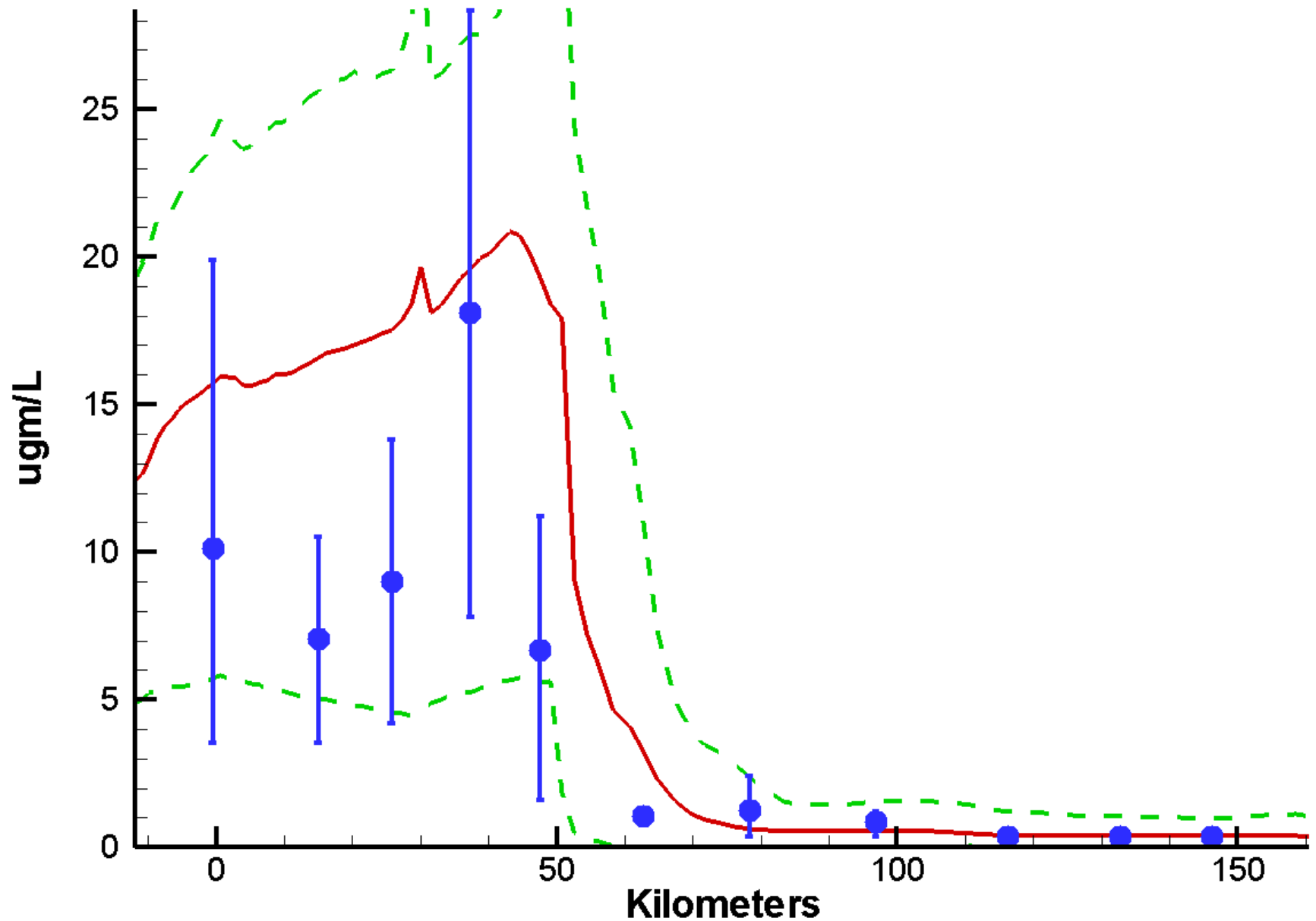
# Rappahannock River Ches2015 Run118

## Surface Total Suspended Solids Fall 1994



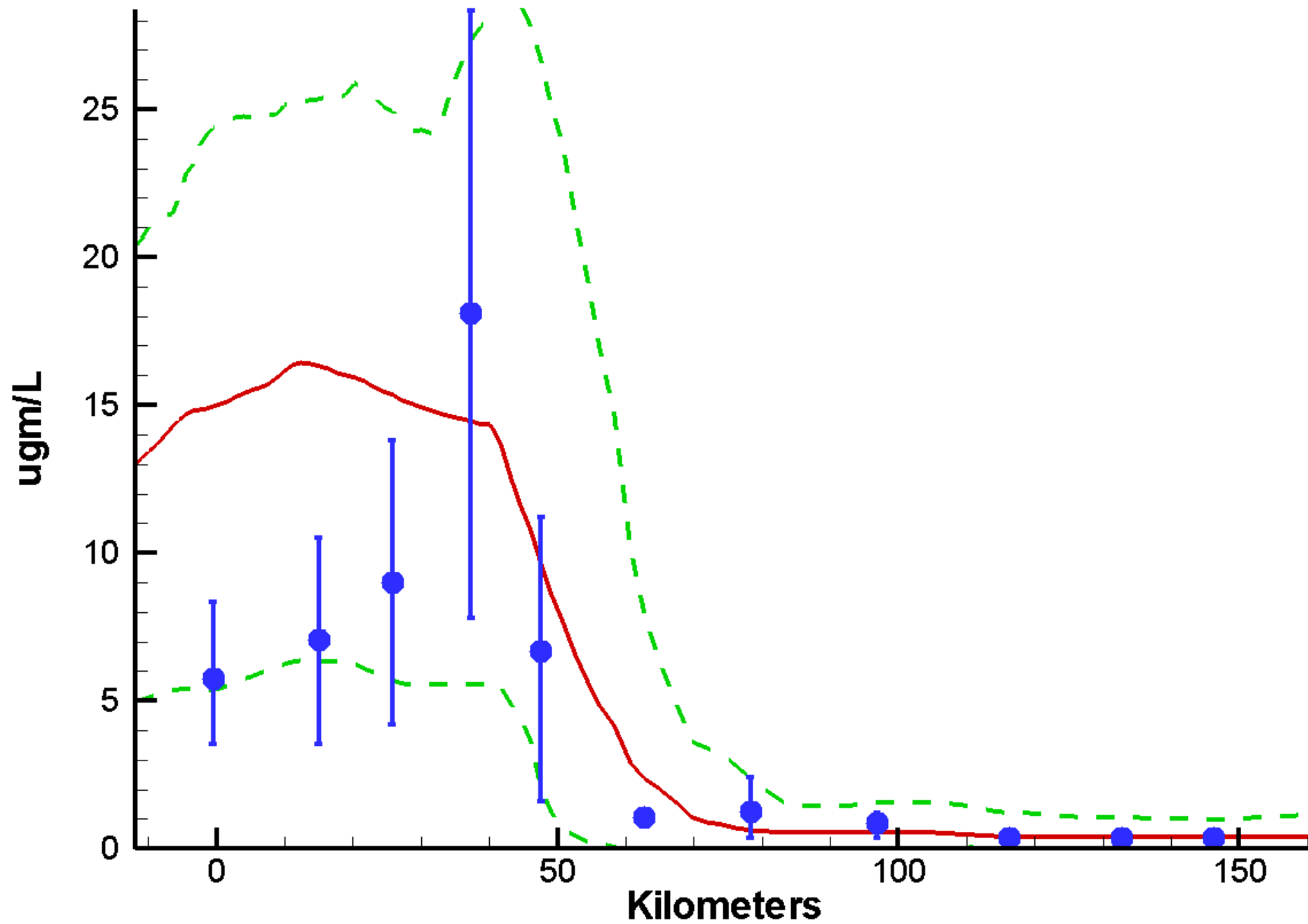
# Rappahannock River Ches2015 Run118

## Bottom Chlorophyll Winter 1996

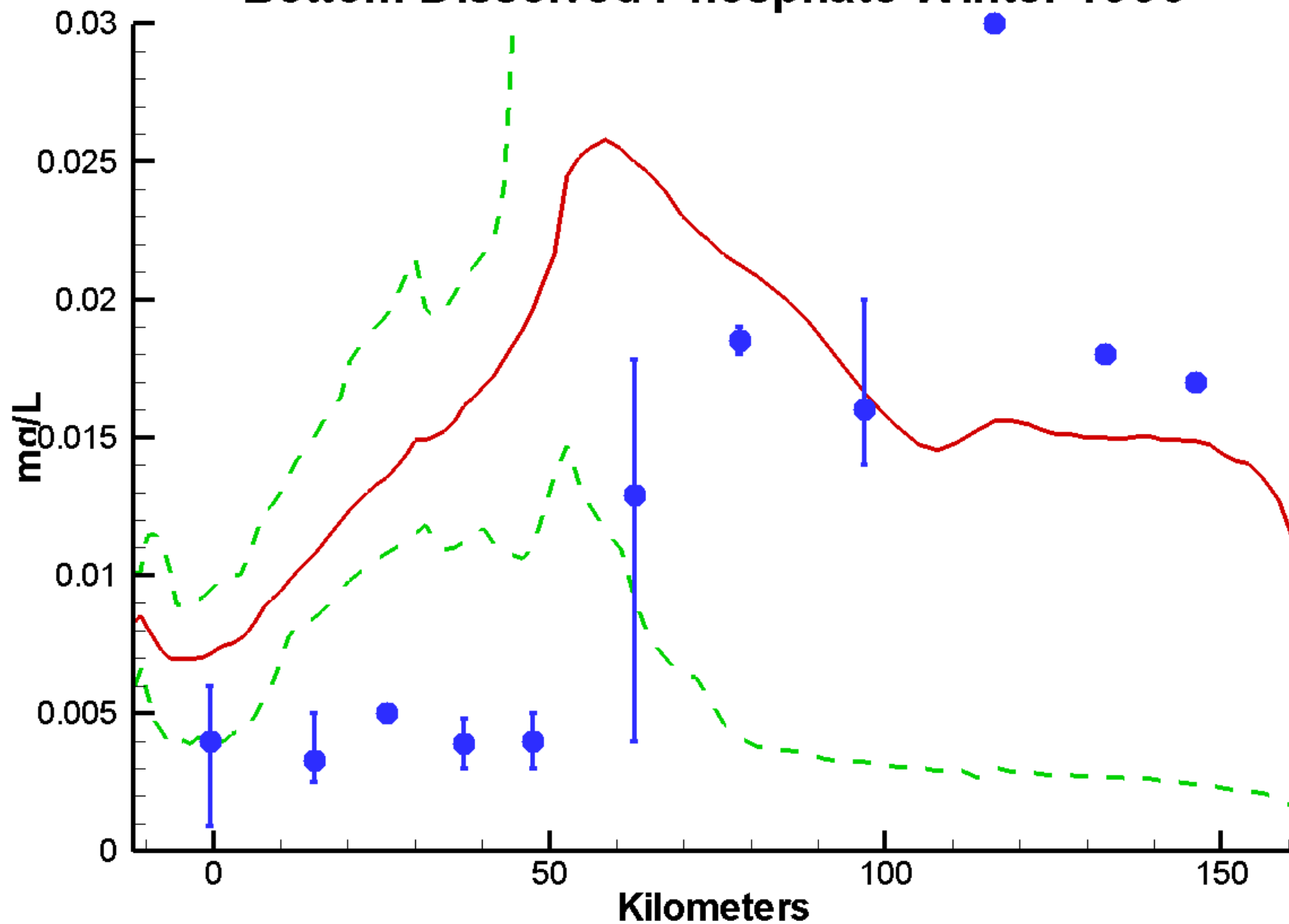


# Rappahannock River Ches2015 Run118

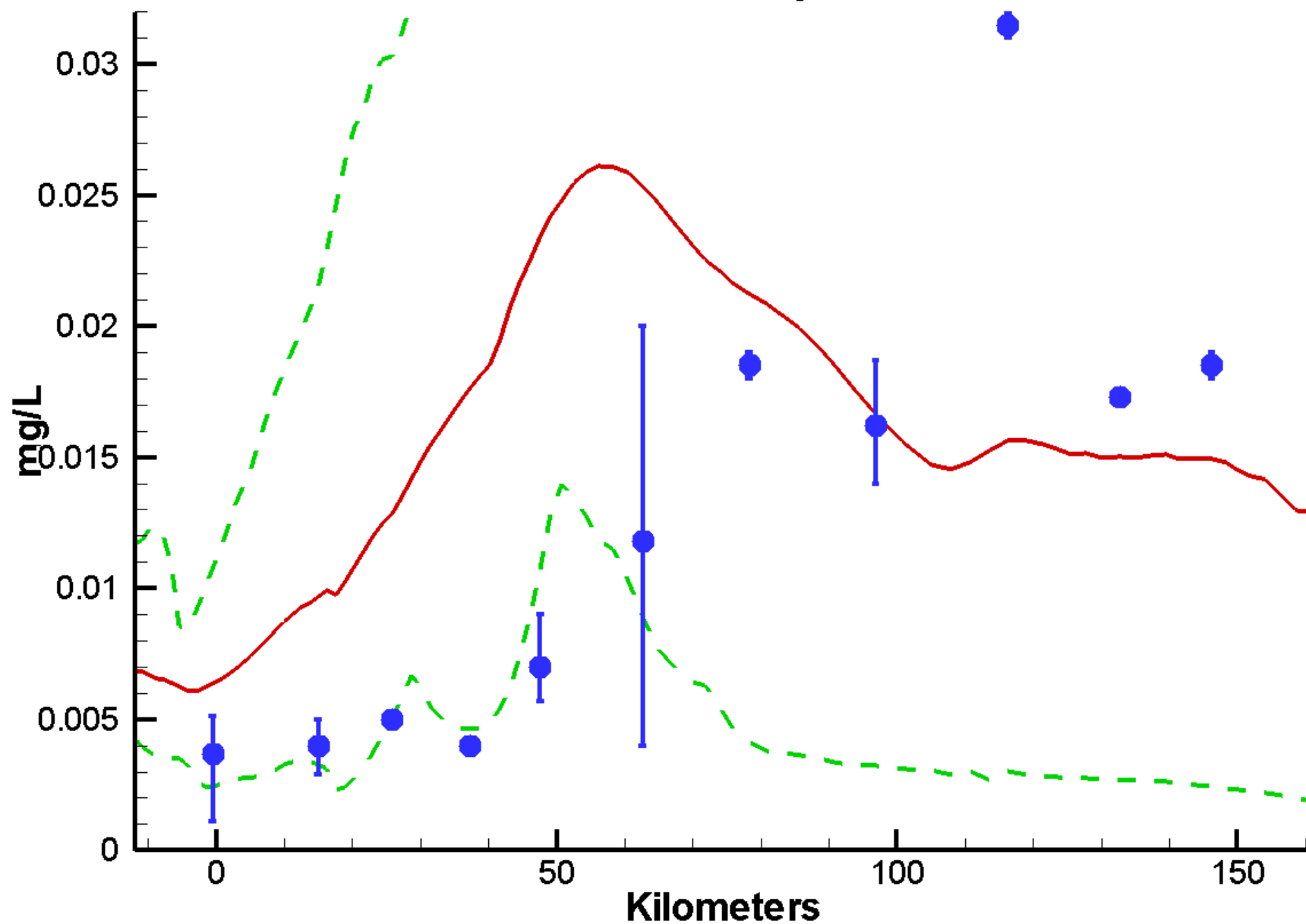
## Surface Chlorophyll Winter 1996



# Rappahannock River Ches2015 Run118 Bottom Dissolved Phosphate Winter 1996

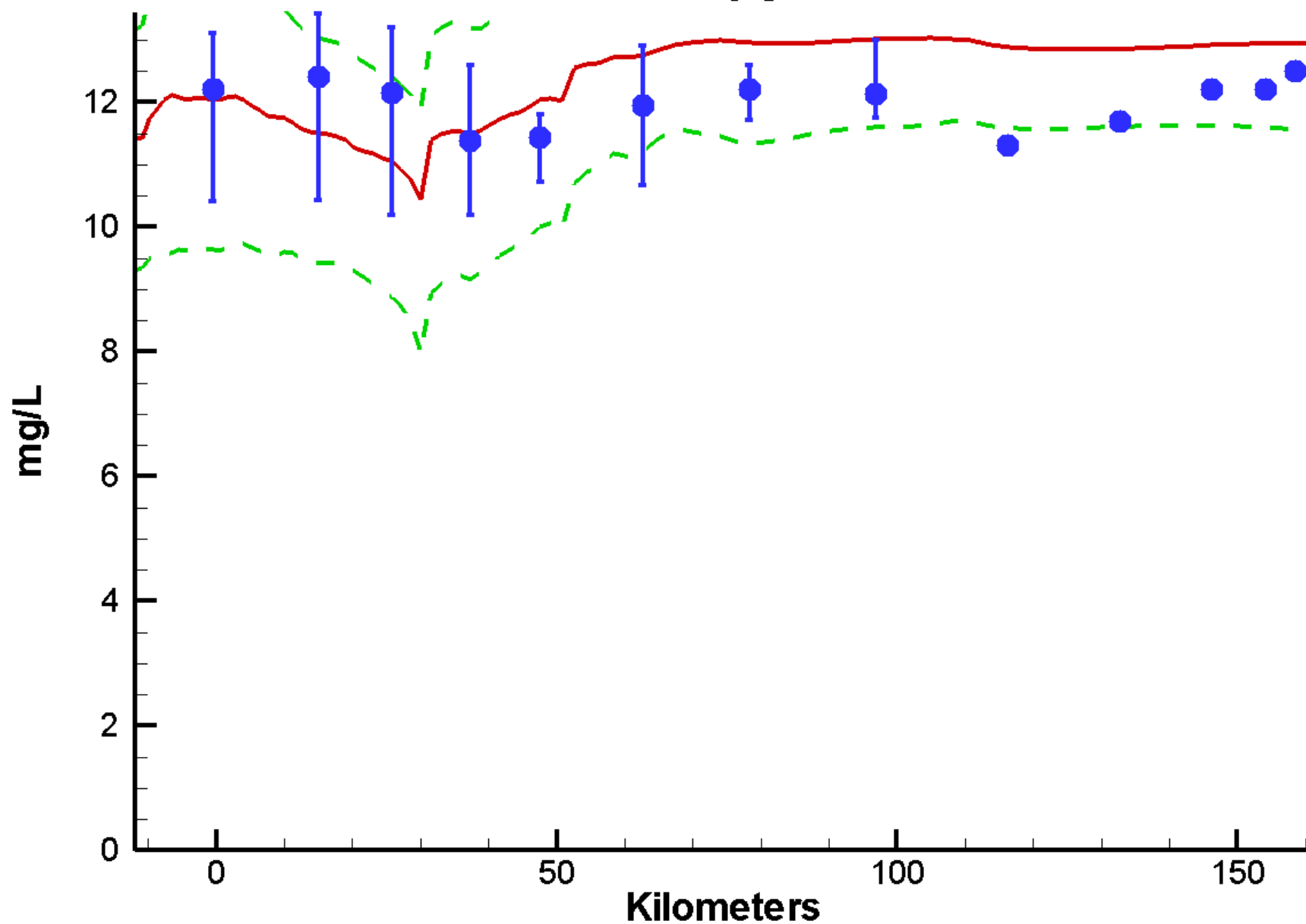


# Rappahannock River Ches2015 Run118 Surface Dissolved Phosphate Winter 1996

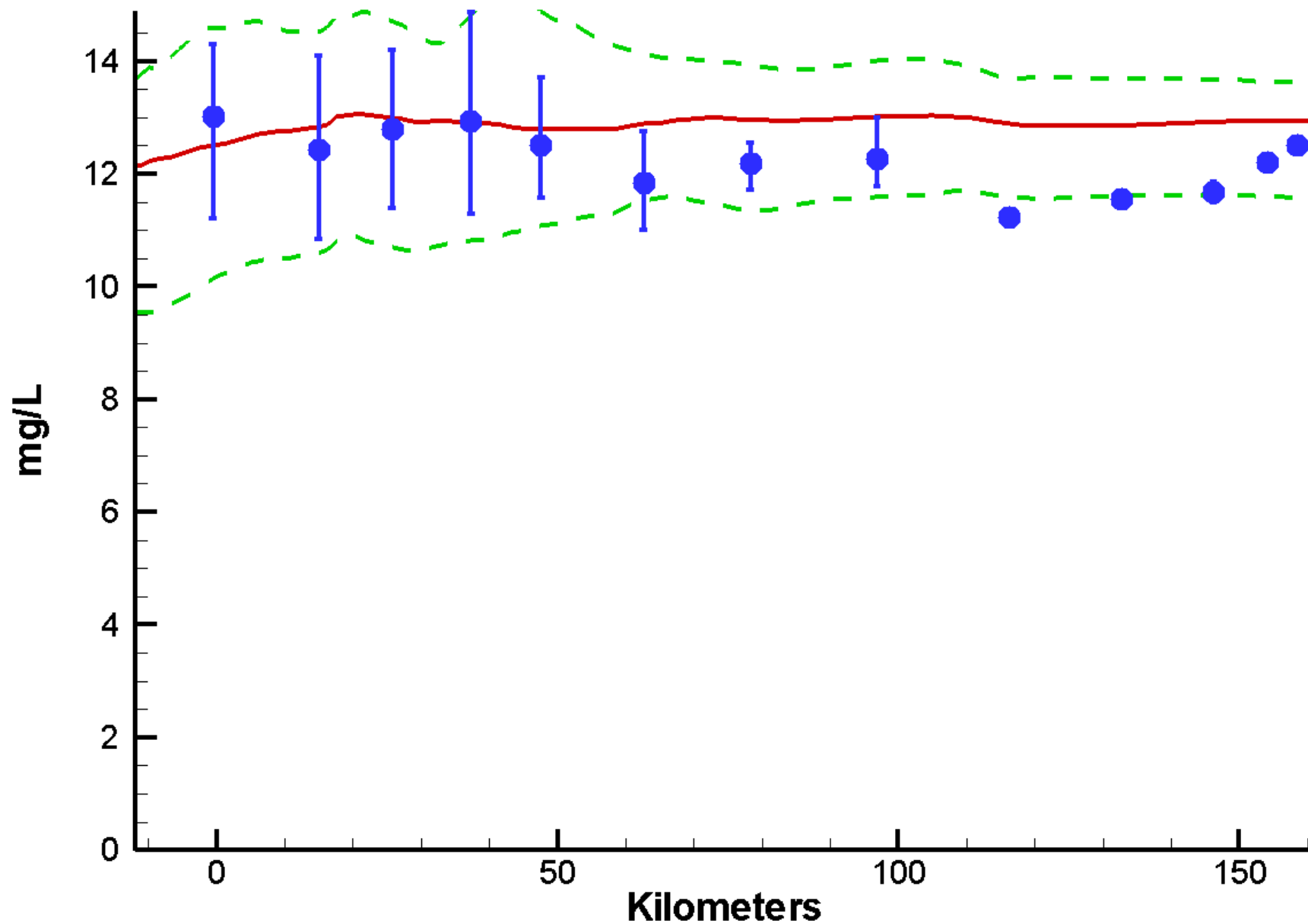




# Rappahannock River Ches2015 Run118 Bottom Dissolved Oxygen Winter 1996

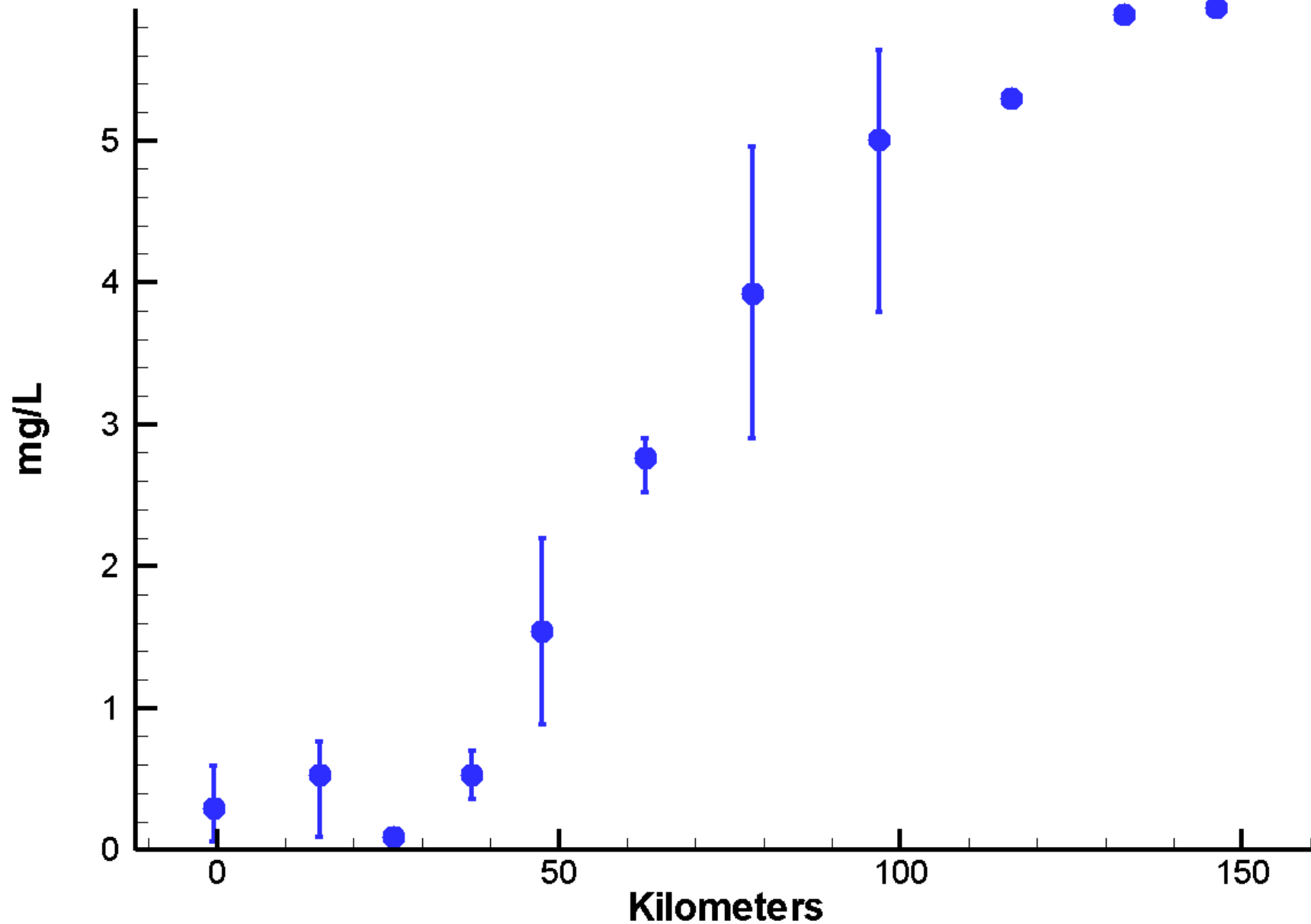


# Rappahannock River Ches2015 Run118 Surface Dissolved Oxygen Winter 1996

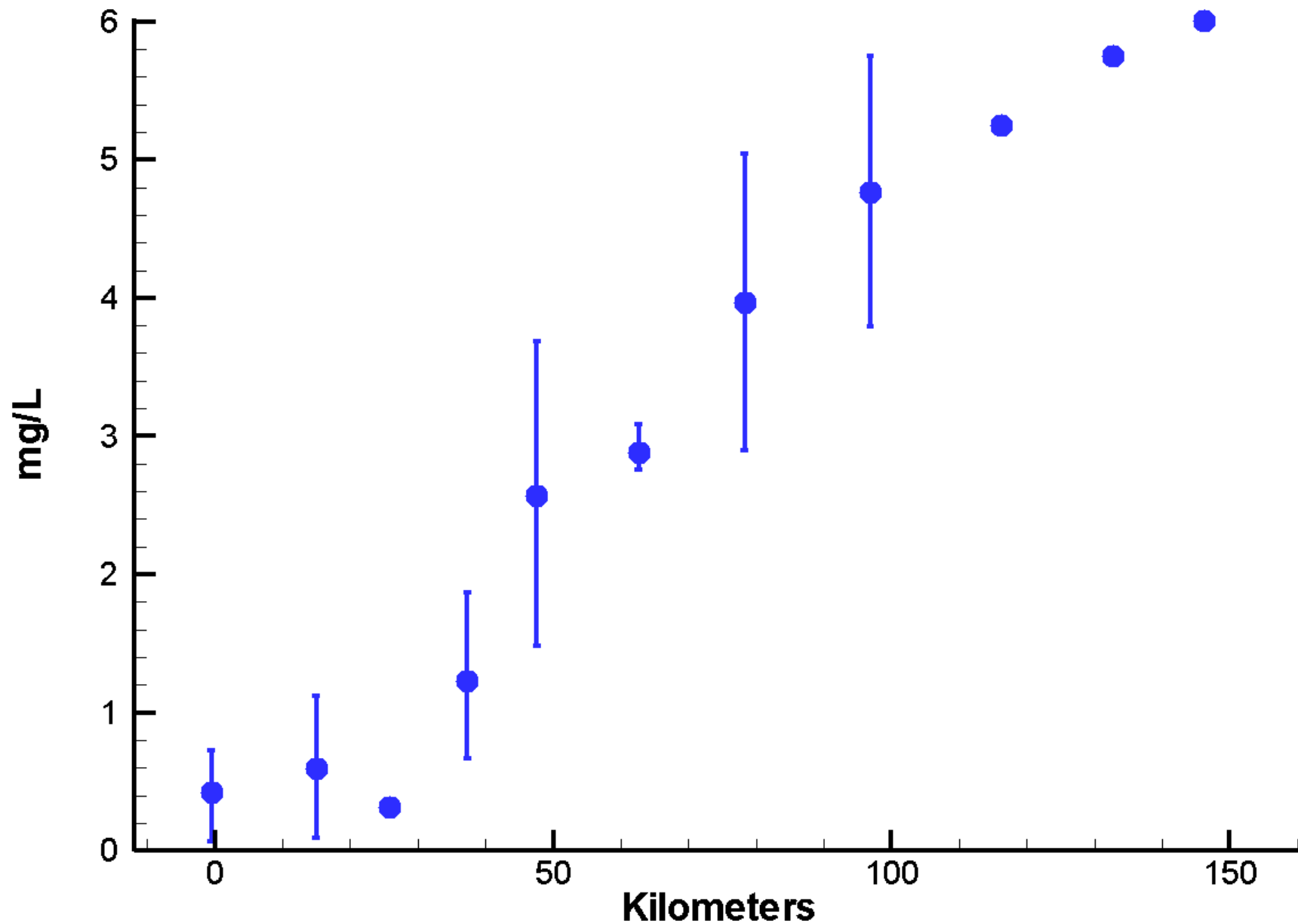


# Rappahannock River Ches2015 Run118

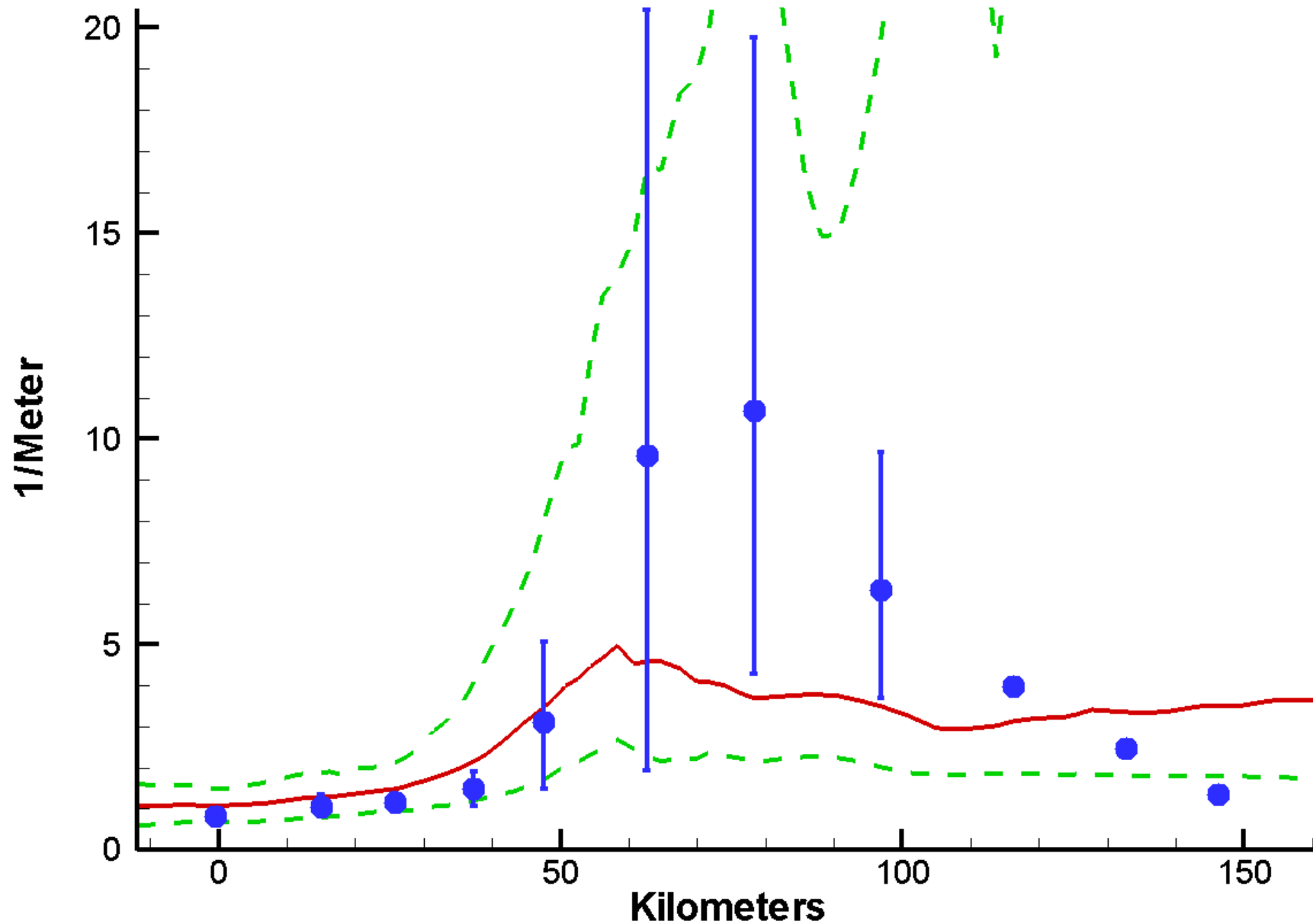
## Bottom Dissolved Silica Winter 1996



# Rappahannock River Ches2015 Run118 Surface Dissolved Silica Winter 1996

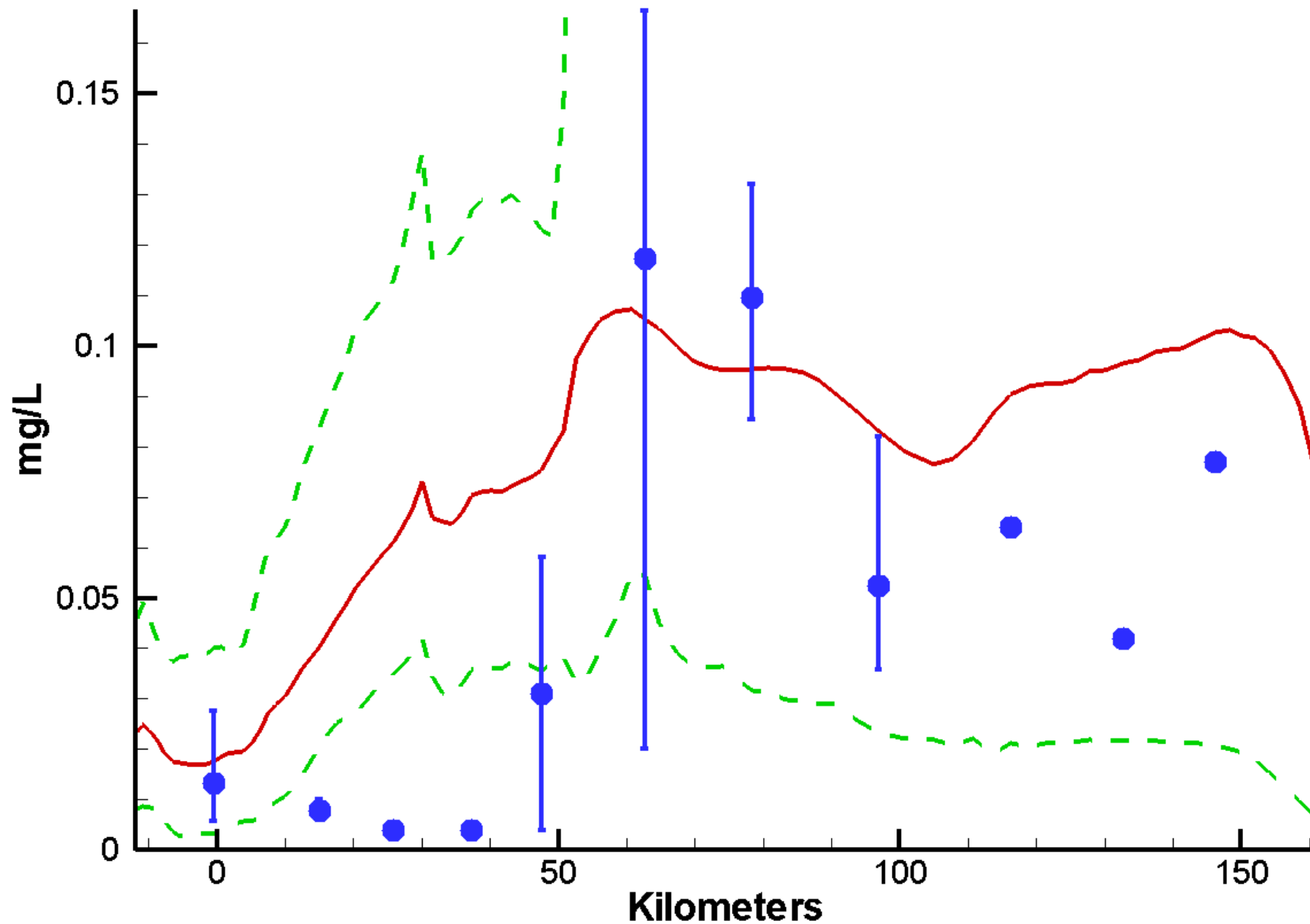


# Rappahannock River Ches2015 Run118 Surface Light Extinction Winter 1996



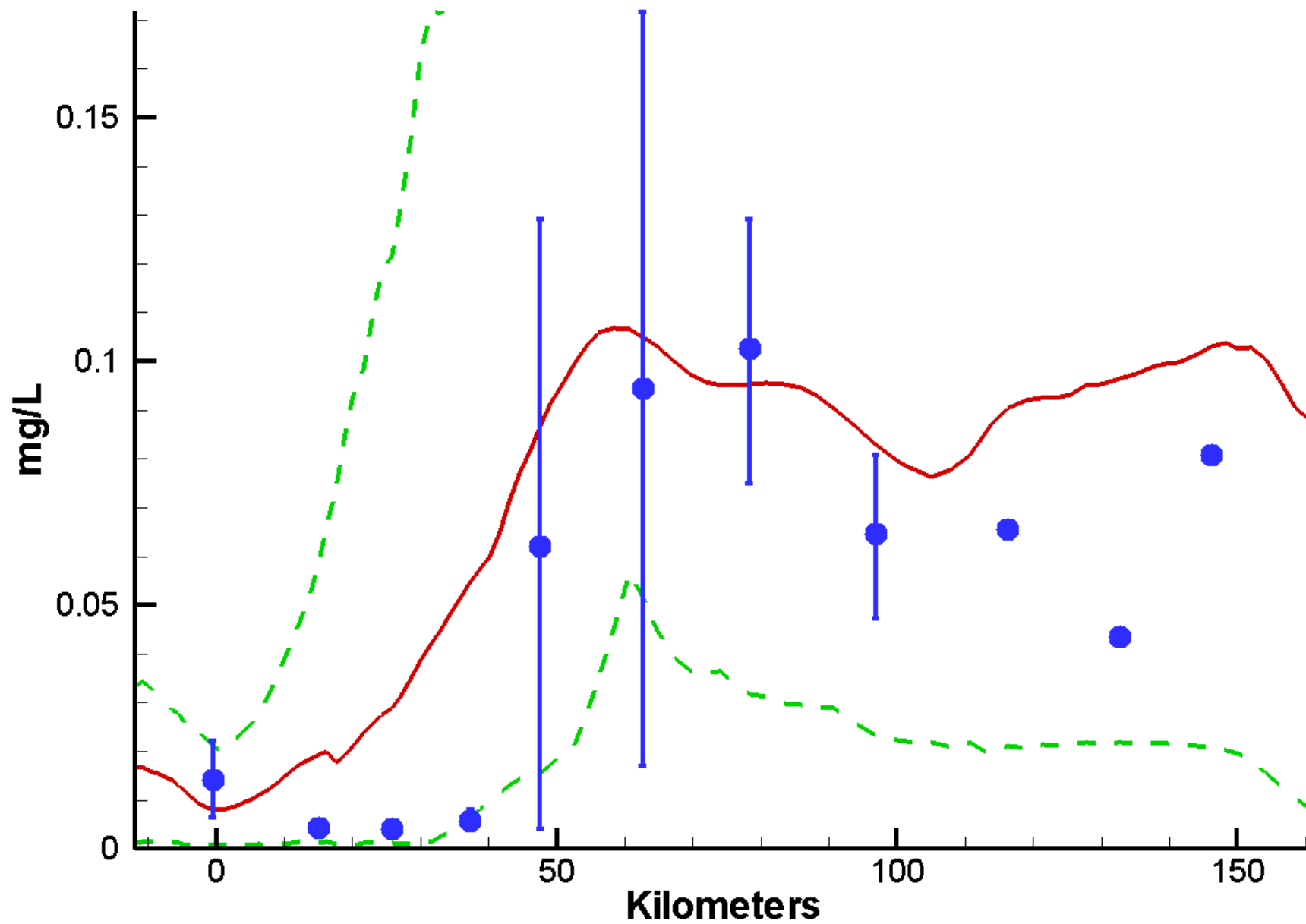
# Rappahannock River Ches2015 Run118

## Bottom Ammonium Winter 1996



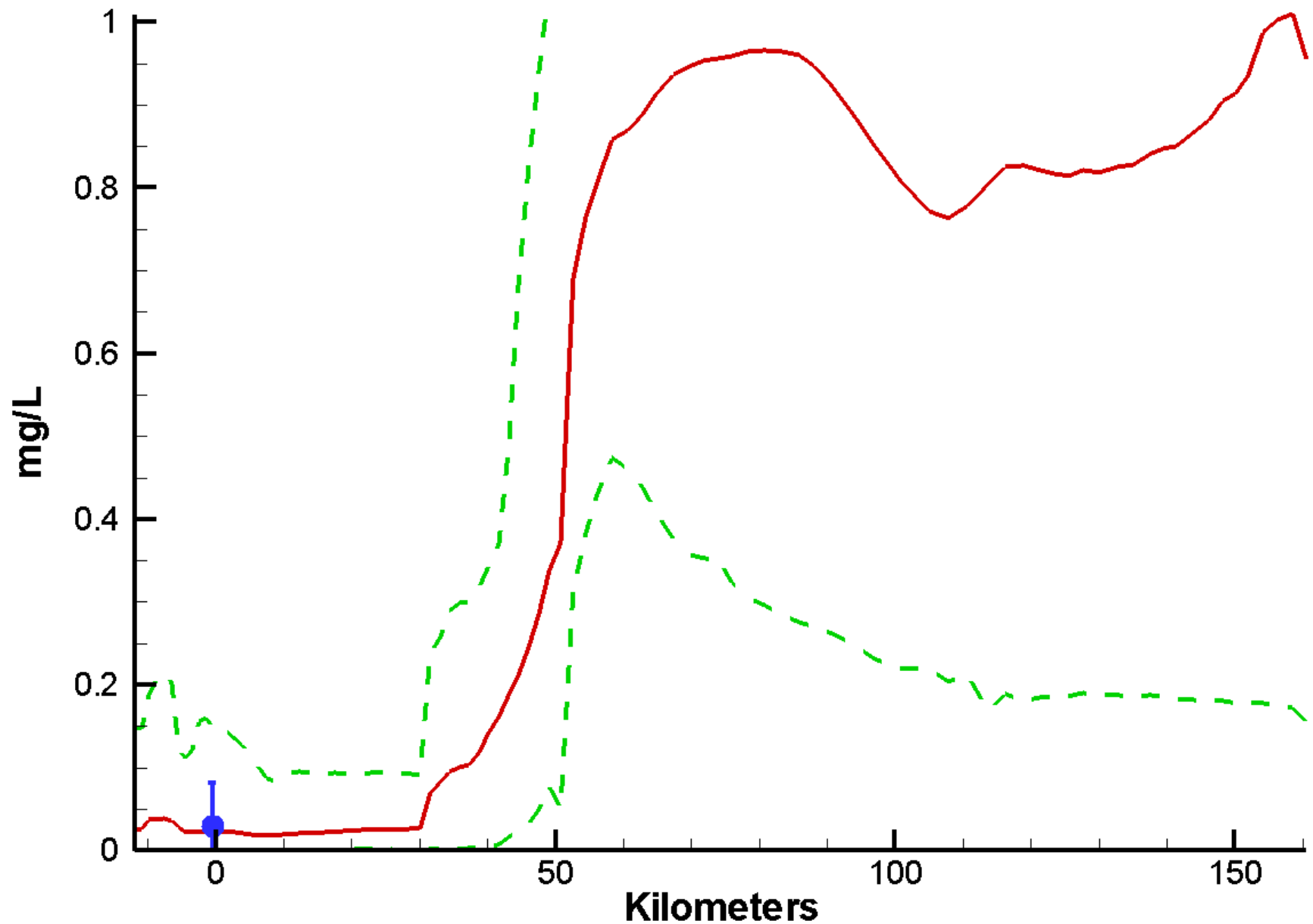
# Rappahannock River Ches2015 Run118

## Surface Ammonium Winter 1996



# Rappahannock River Ches2015 Run118

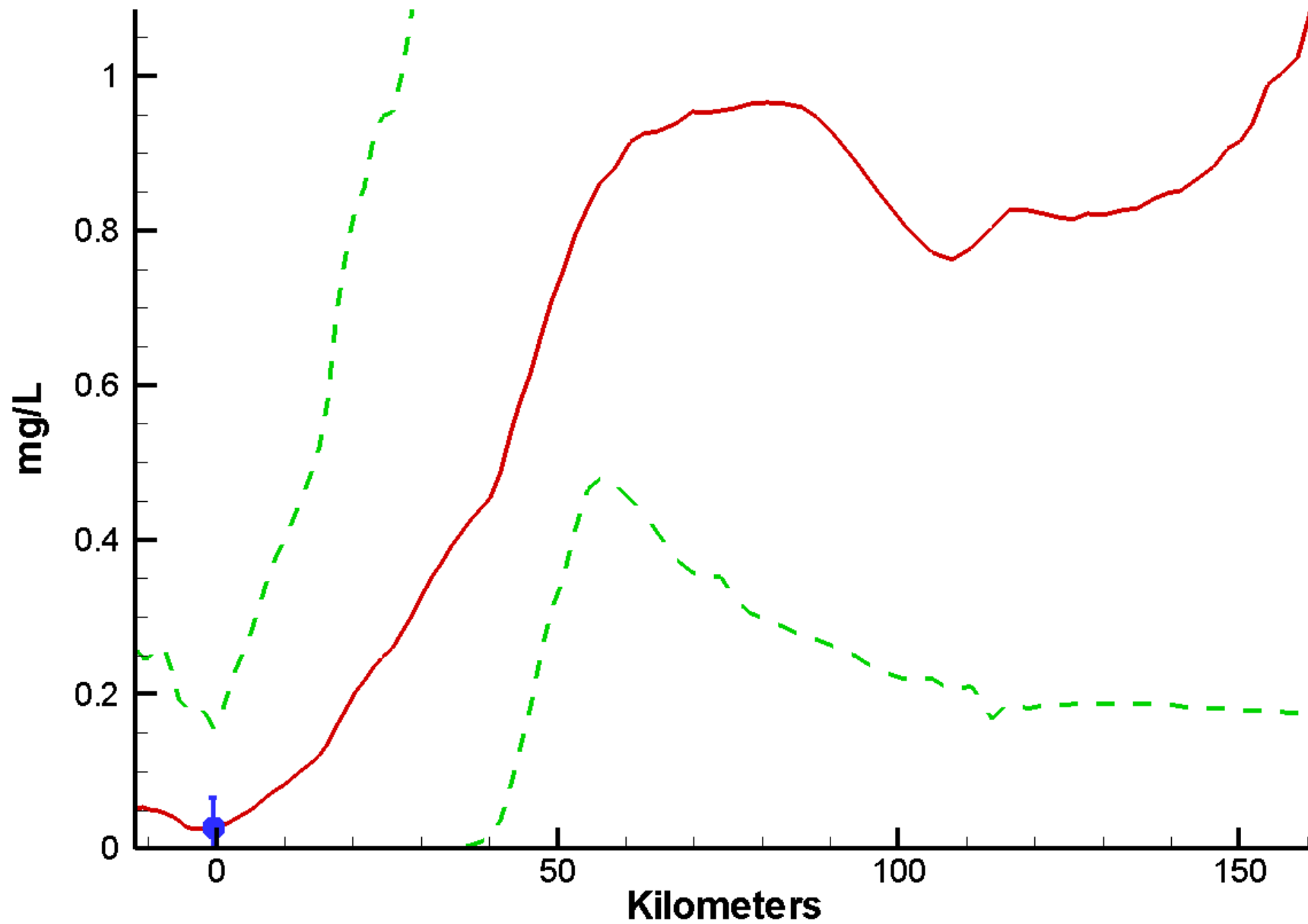
## Bottom Nitrate Winter 1996





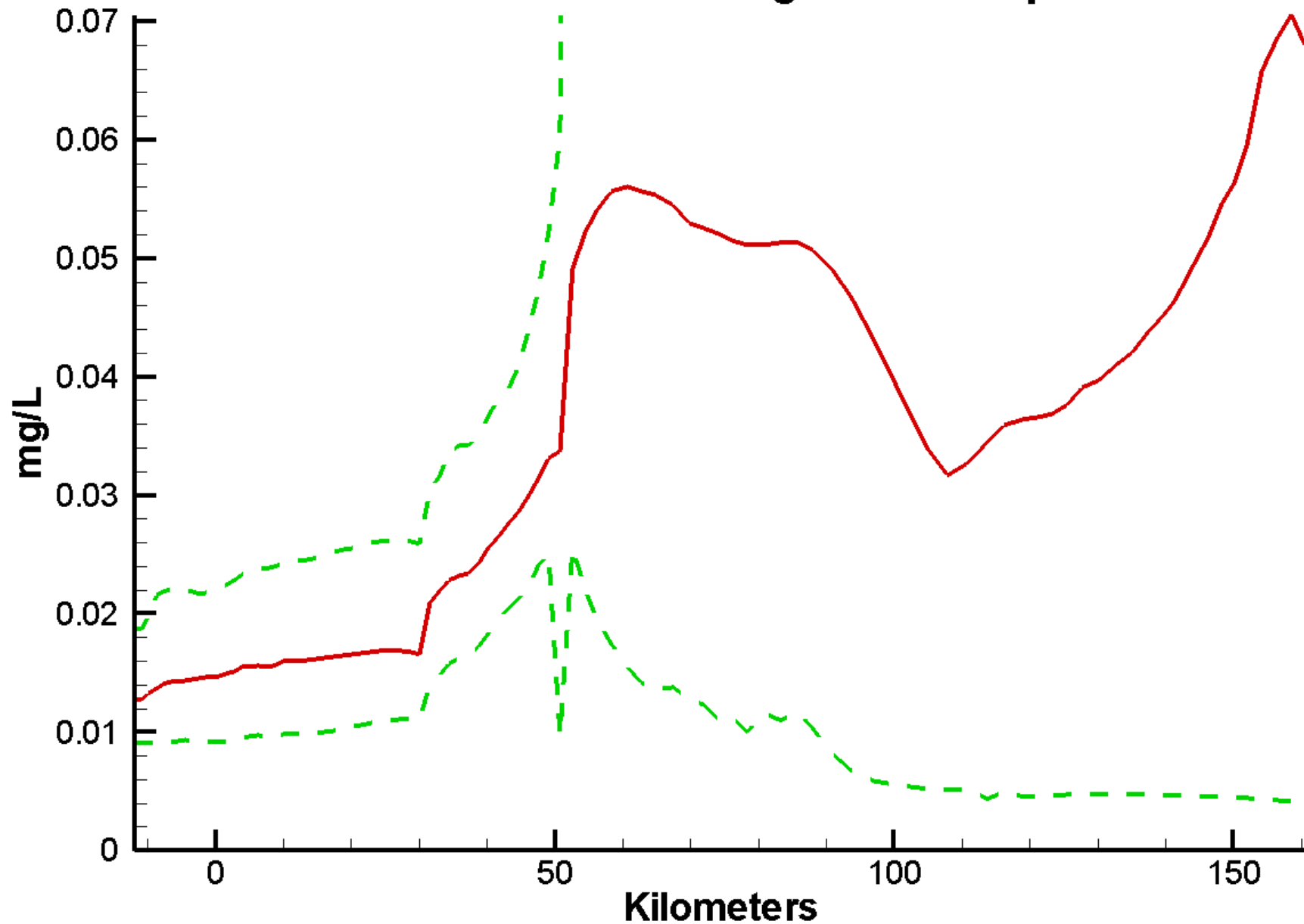
# Rappahannock River Ches2015 Run118

## Surface Nitrate Winter 1996

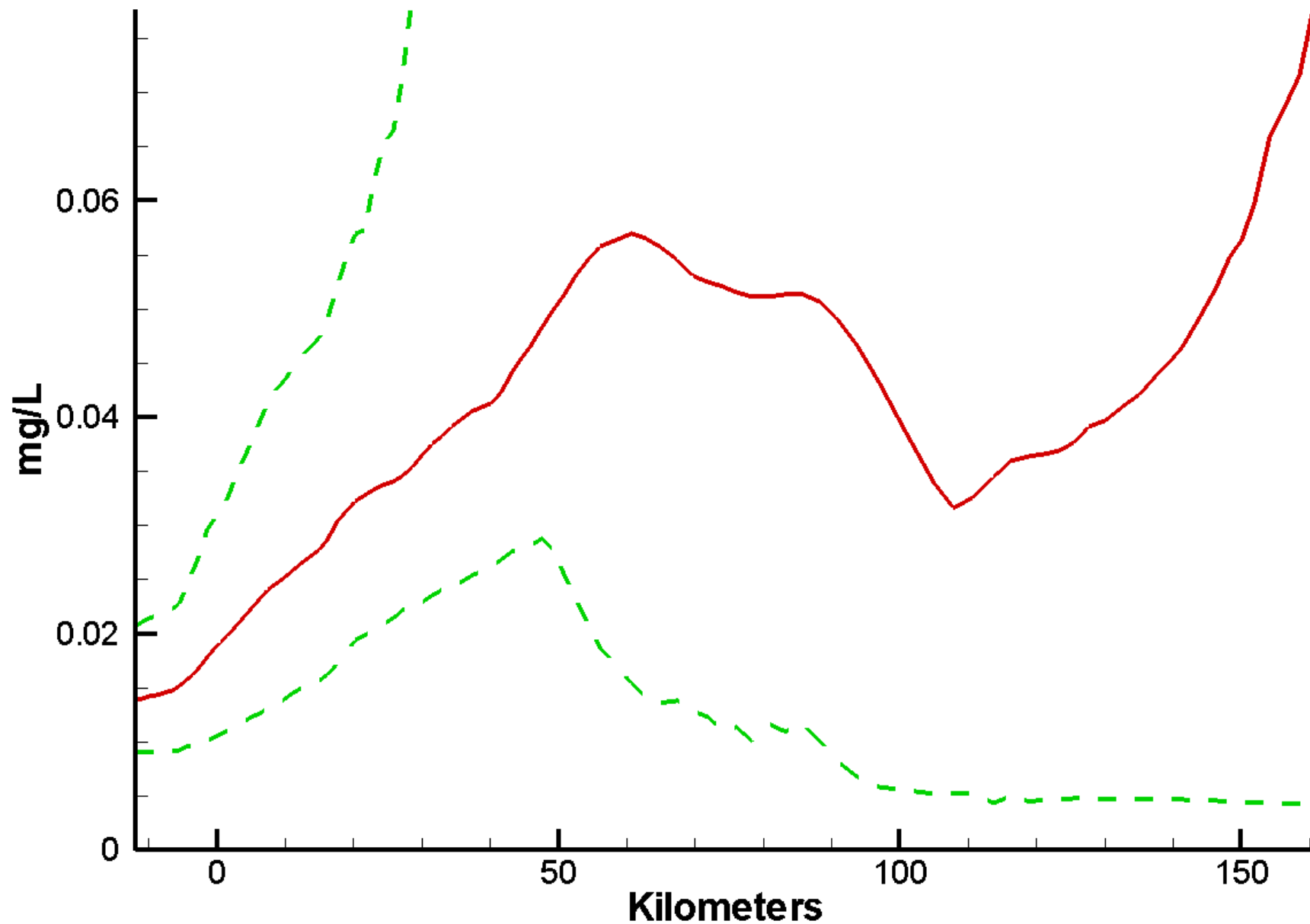


# Rappahannock River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1996

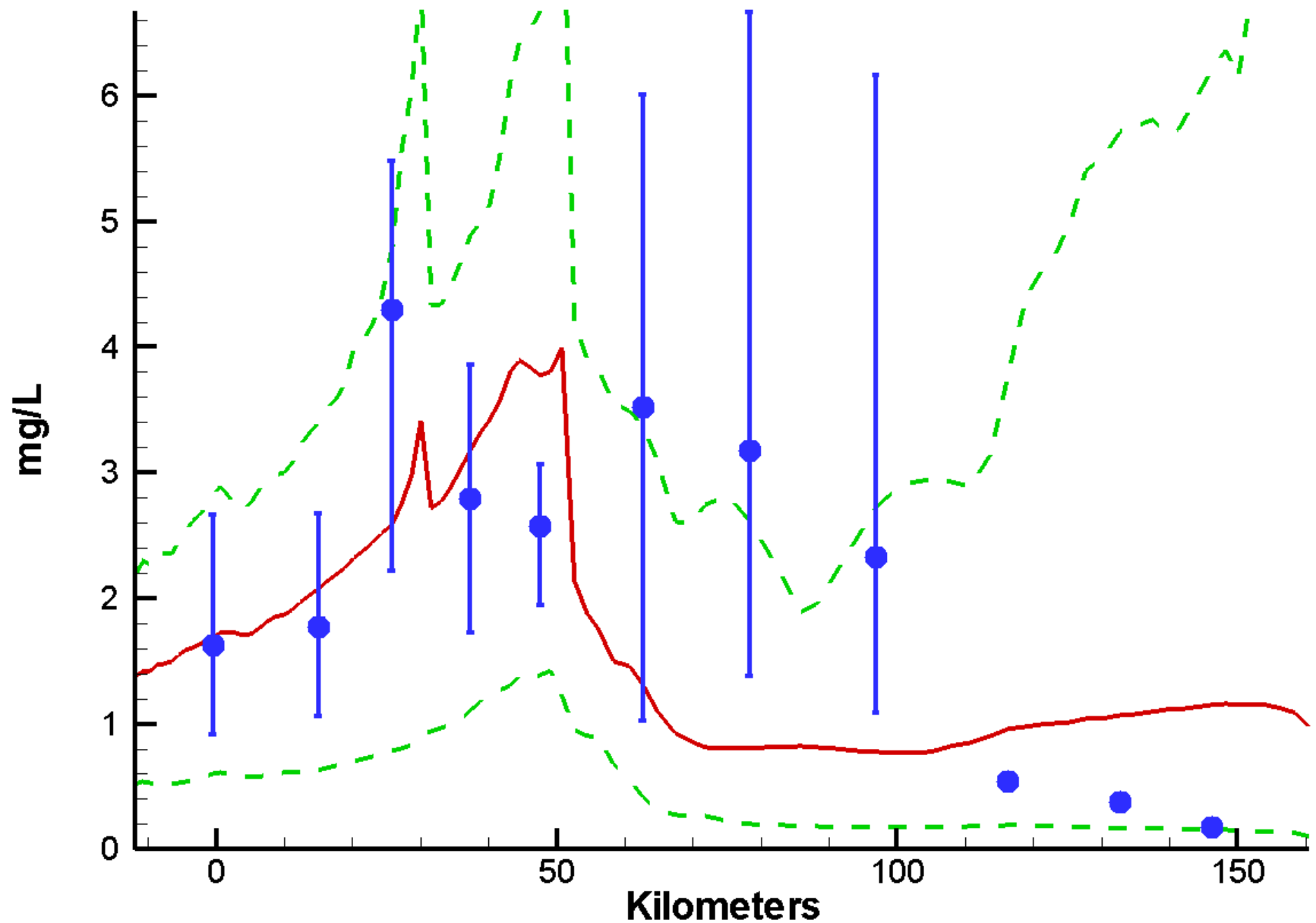


**Rappahannock River Ches2015 Run118**  
**Surface Particulate Inorganic Phosphorus Winter 1996**



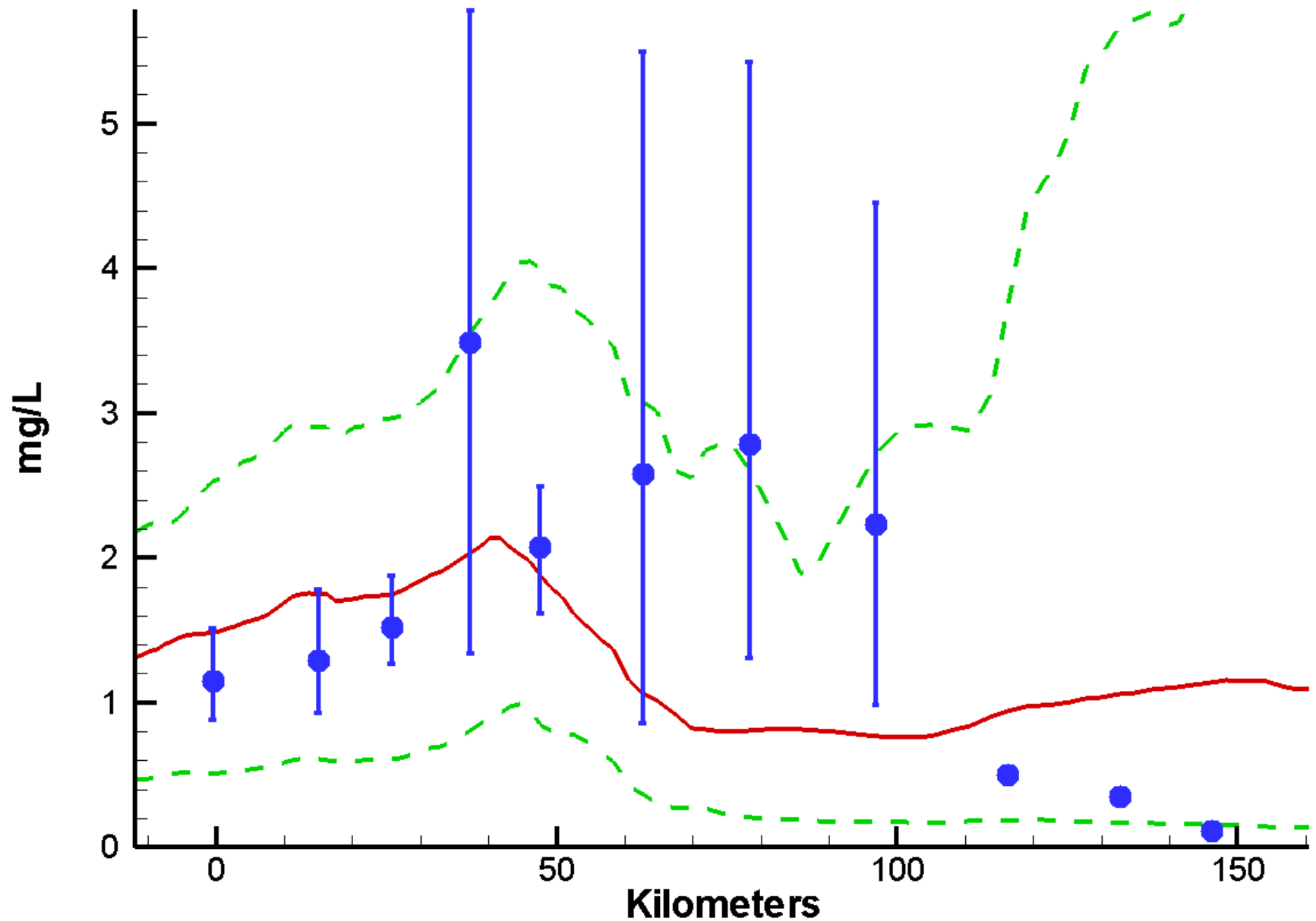
# Rappahannock River Ches2015 Run118

## Bottom Particulate Organic Carbon Winter 1996



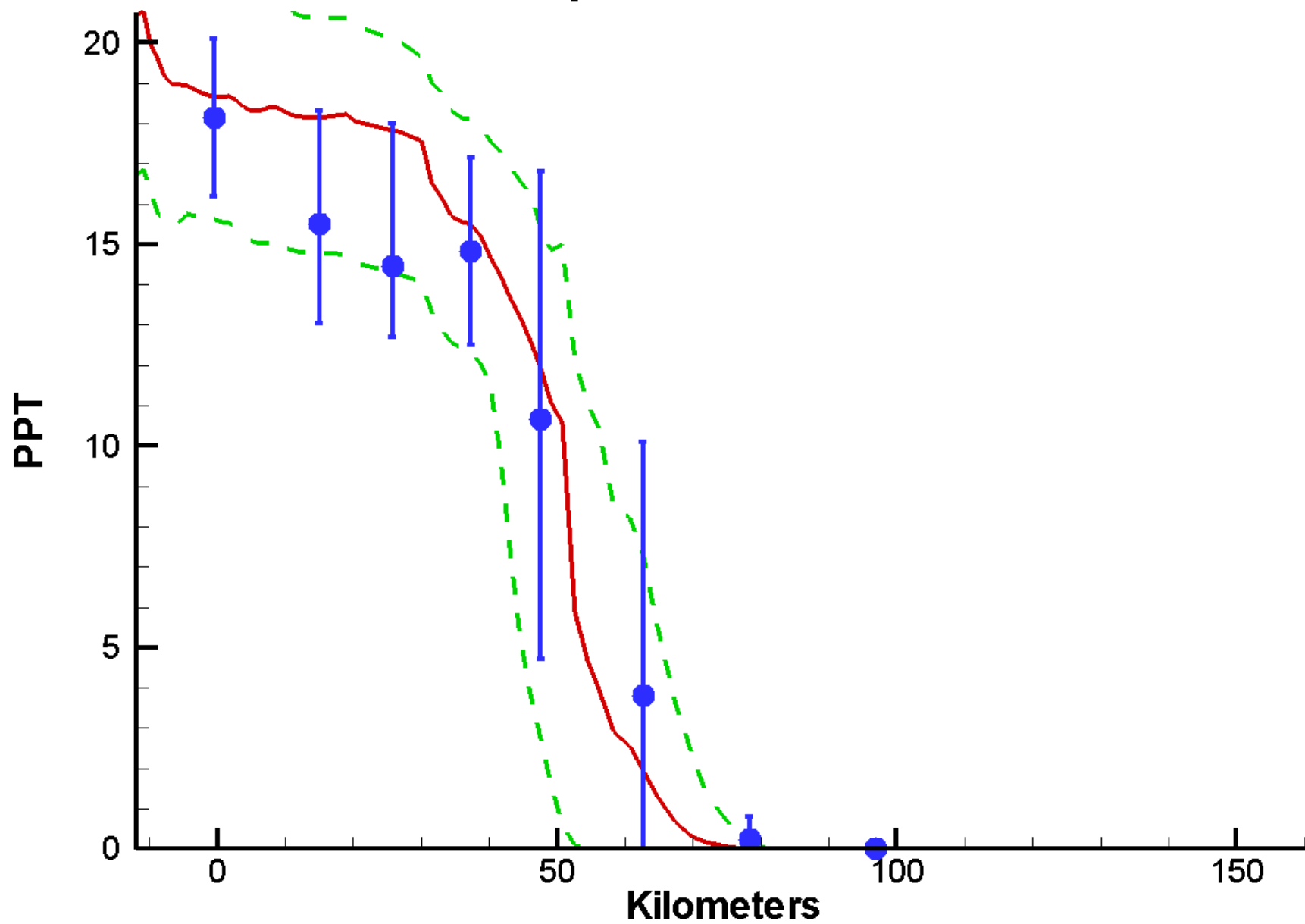
# Rappahannock River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1996



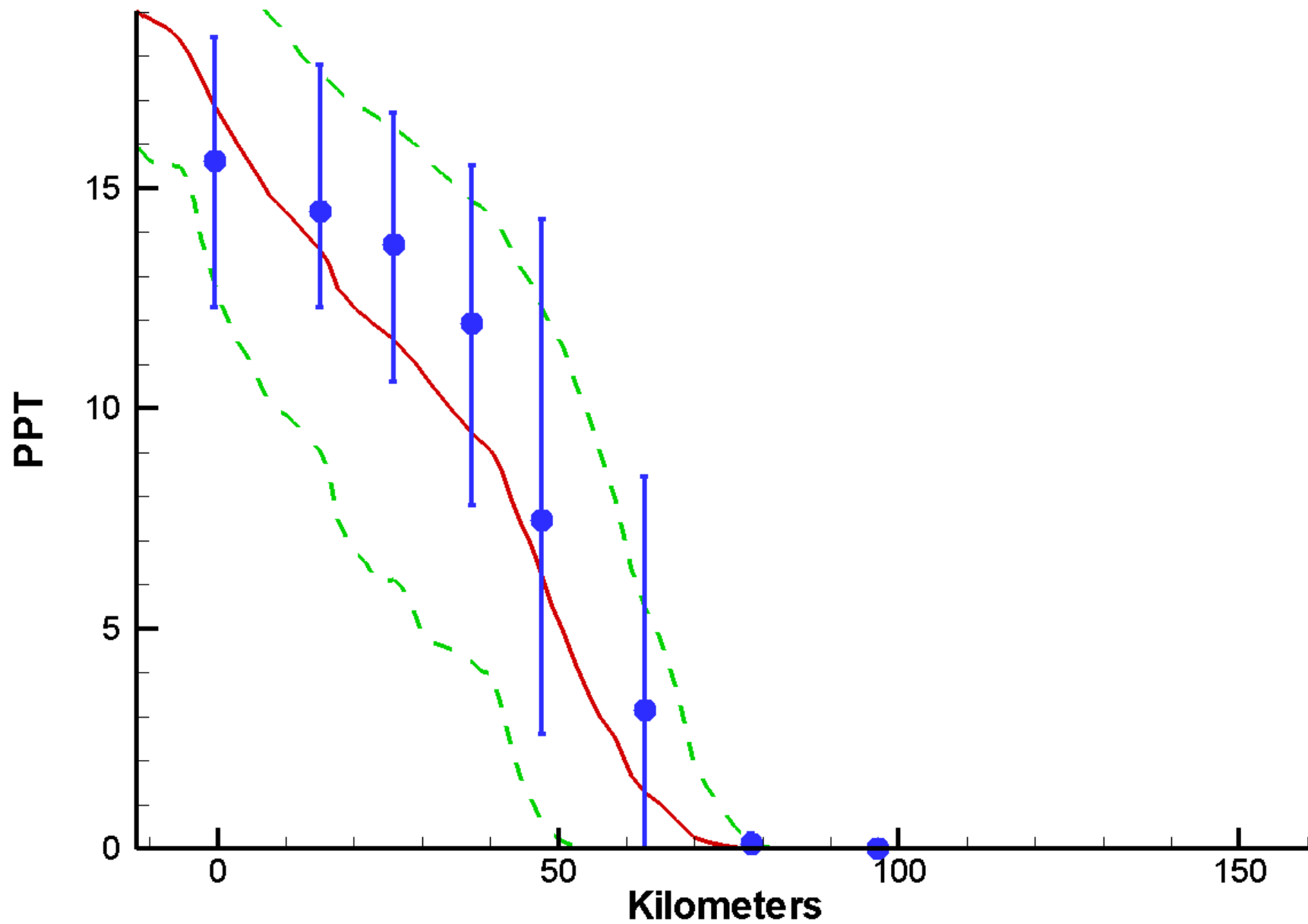
# Rappahannock River Ches2015 Run118

## Bottom Salinity Winter 1996



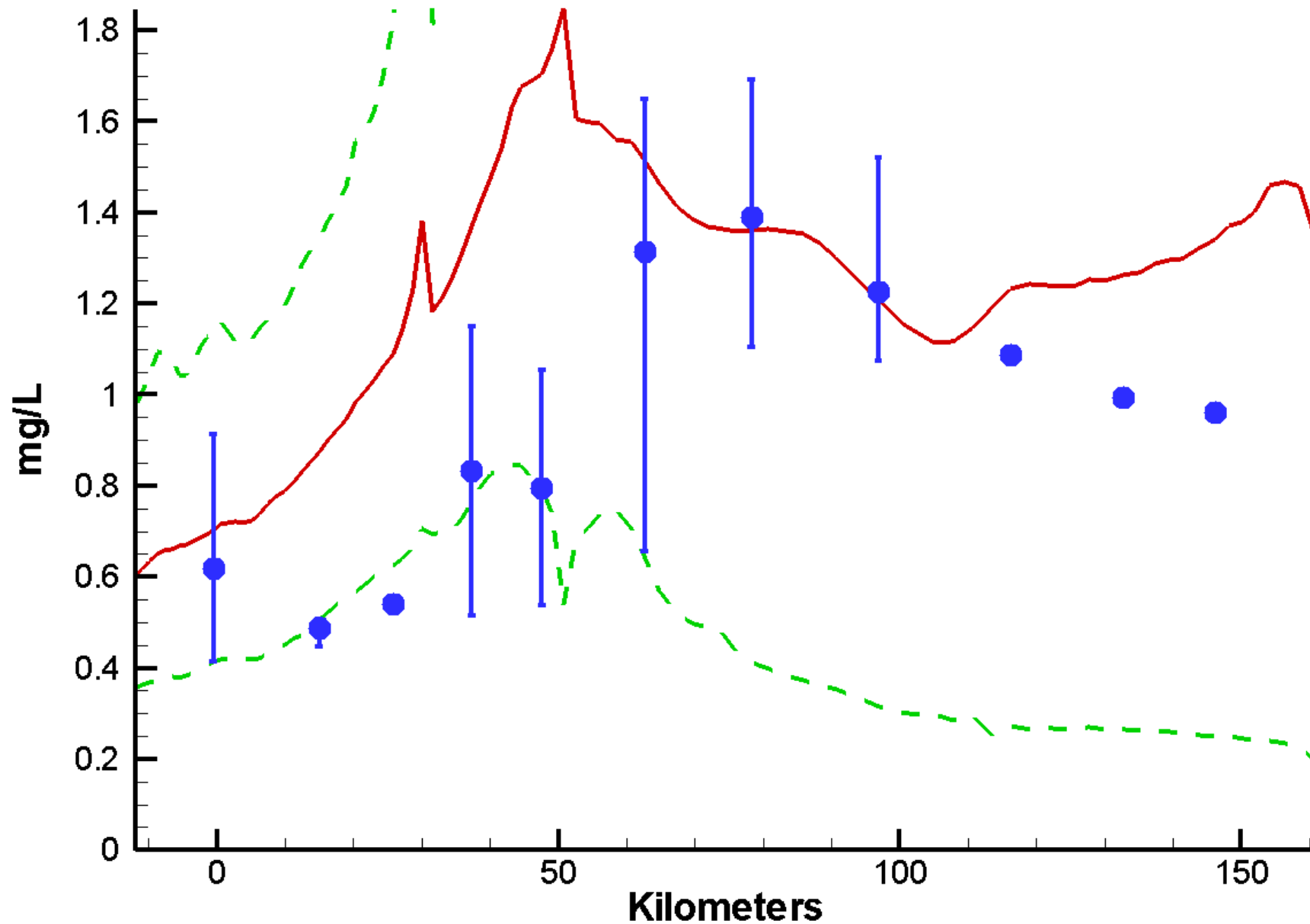
# Rappahannock River Ches2015 Run118

## Surface Salinity Winter 1996



# Rappahannock River Ches2015 Run118

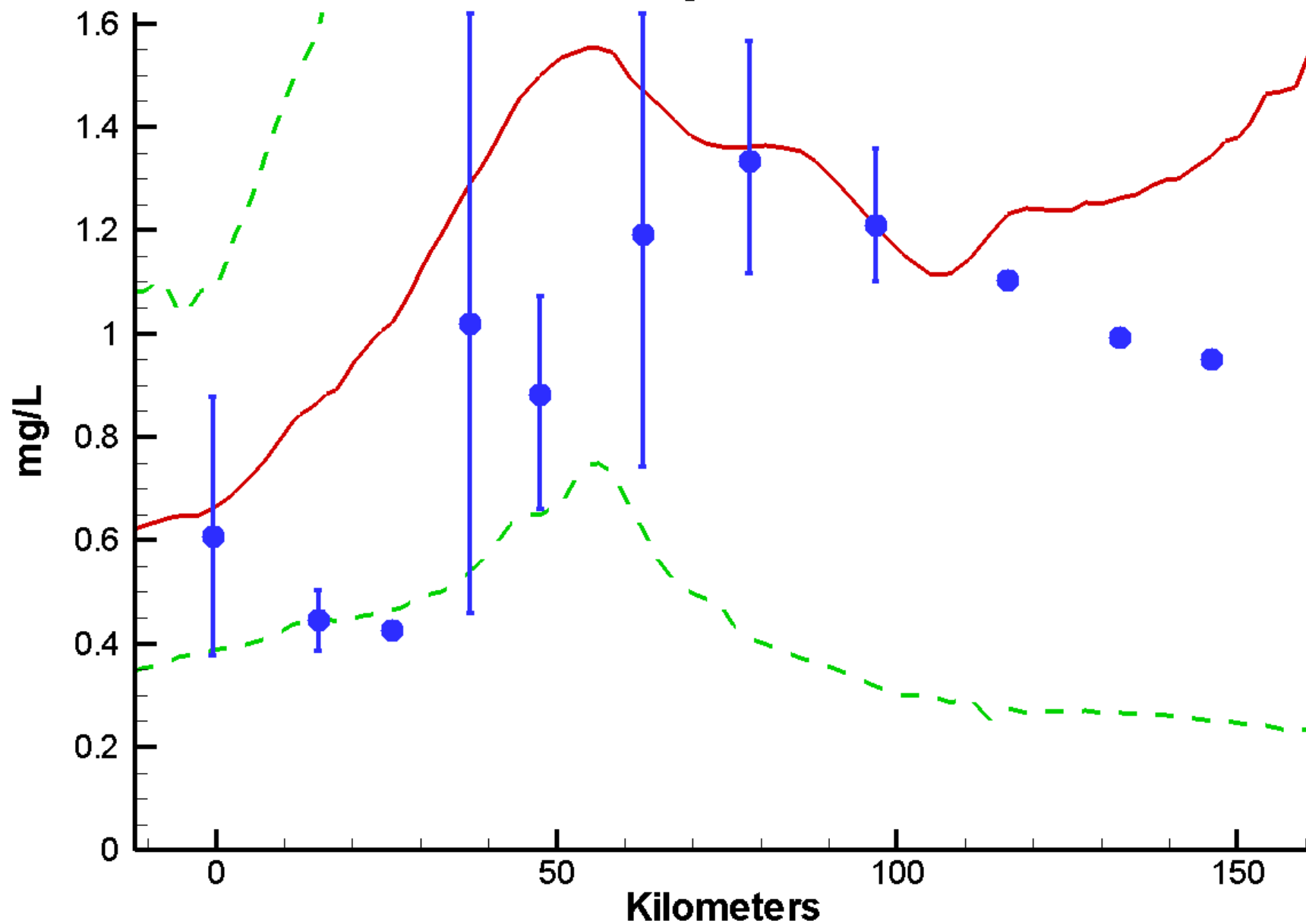
## Bottom Total Nitrogen Winter 1996





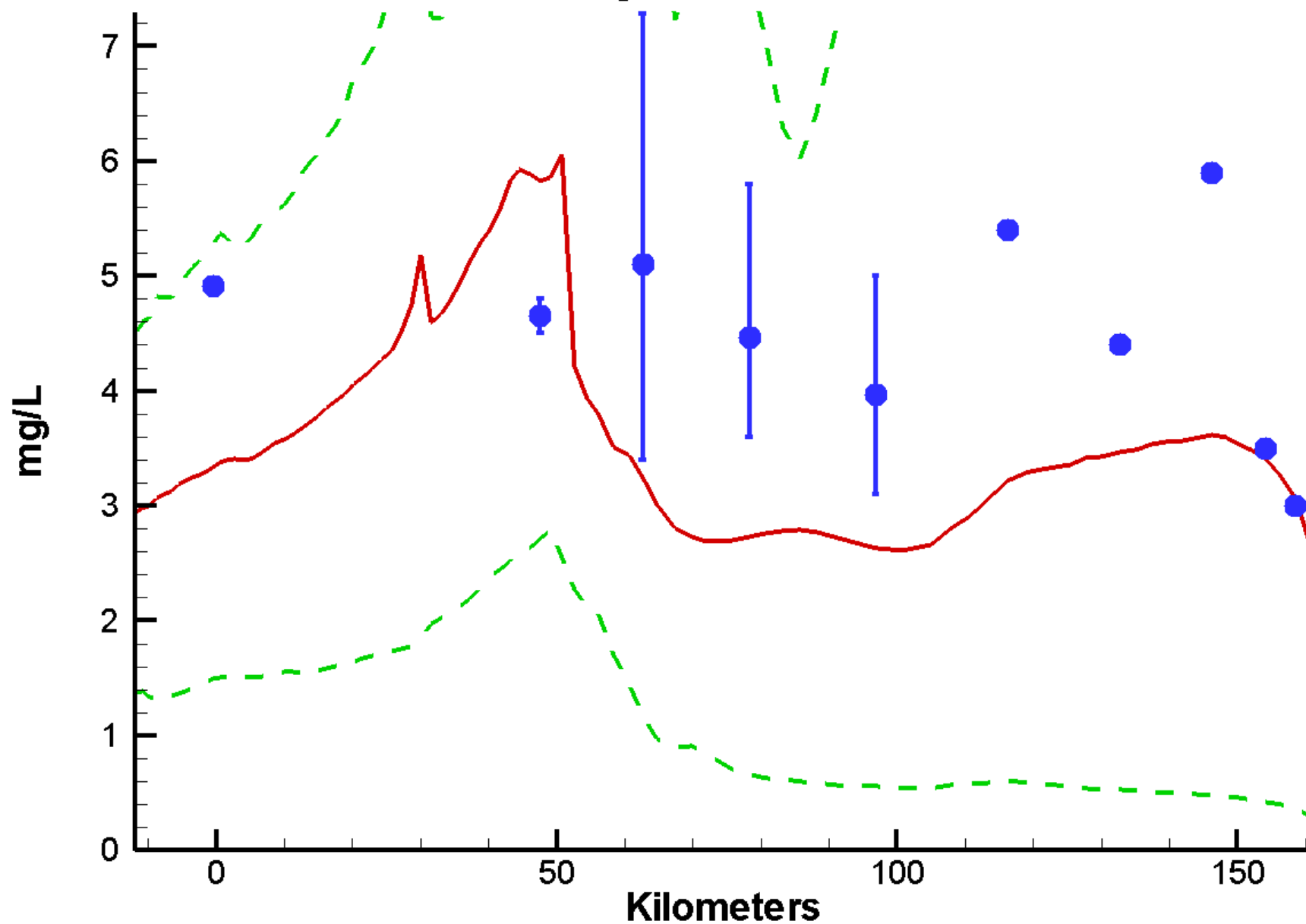
# Rappahannock River Ches2015 Run118

## Surface Total Nitrogen Winter 1996

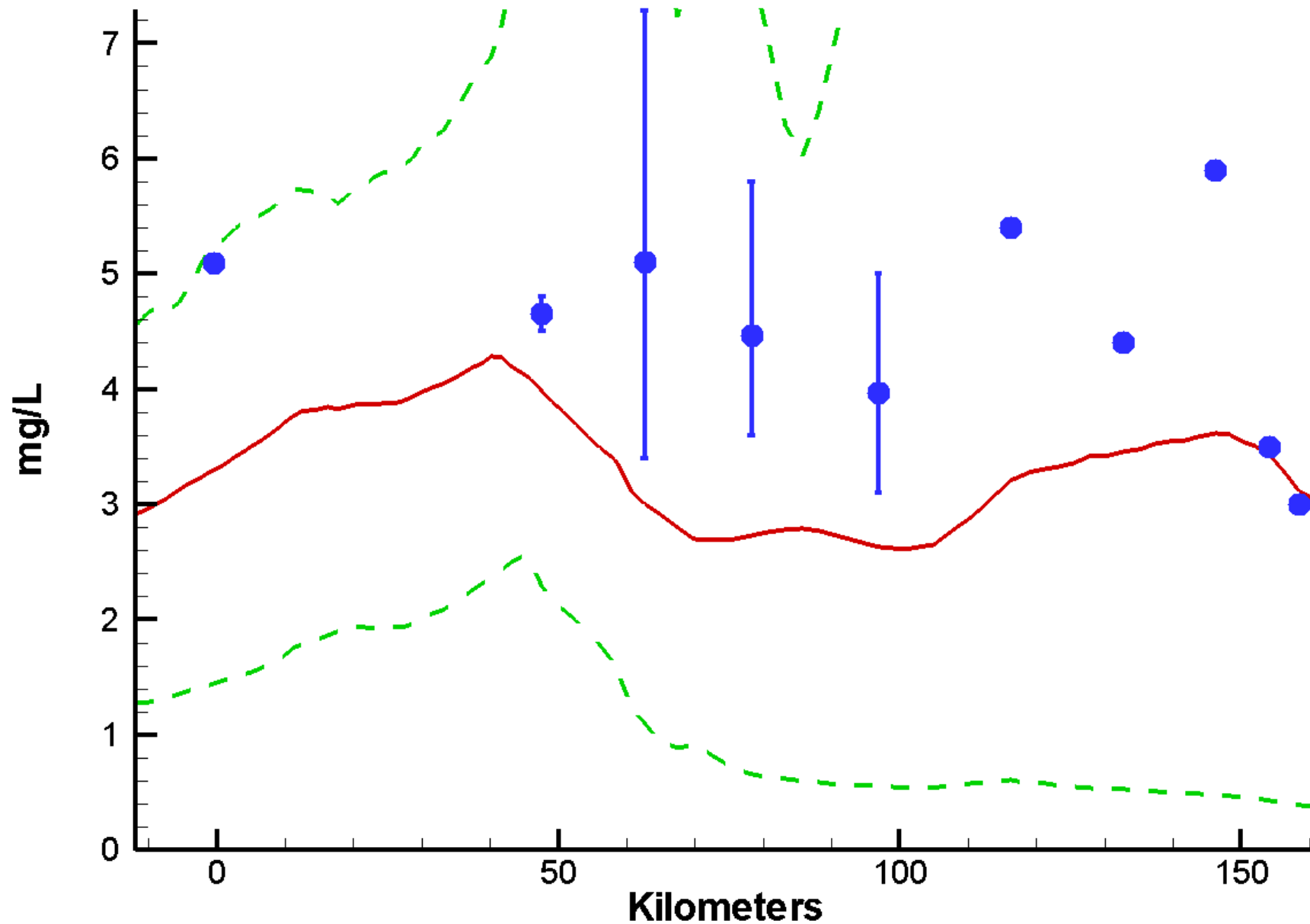


# Rappahannock River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1996

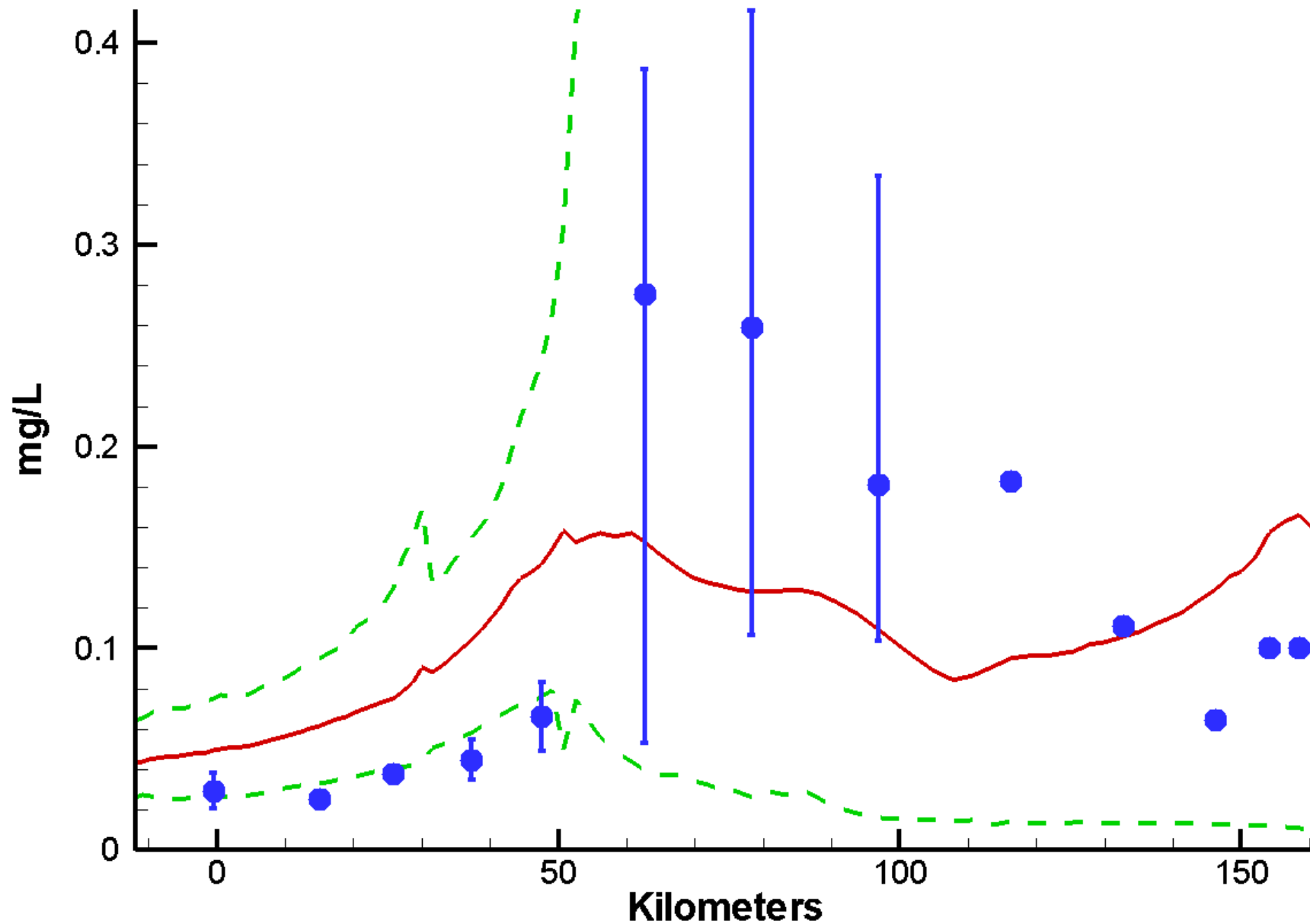


# Rappahannock River Ches2015 Run118 Surface Total Organic Carbon Winter 1996



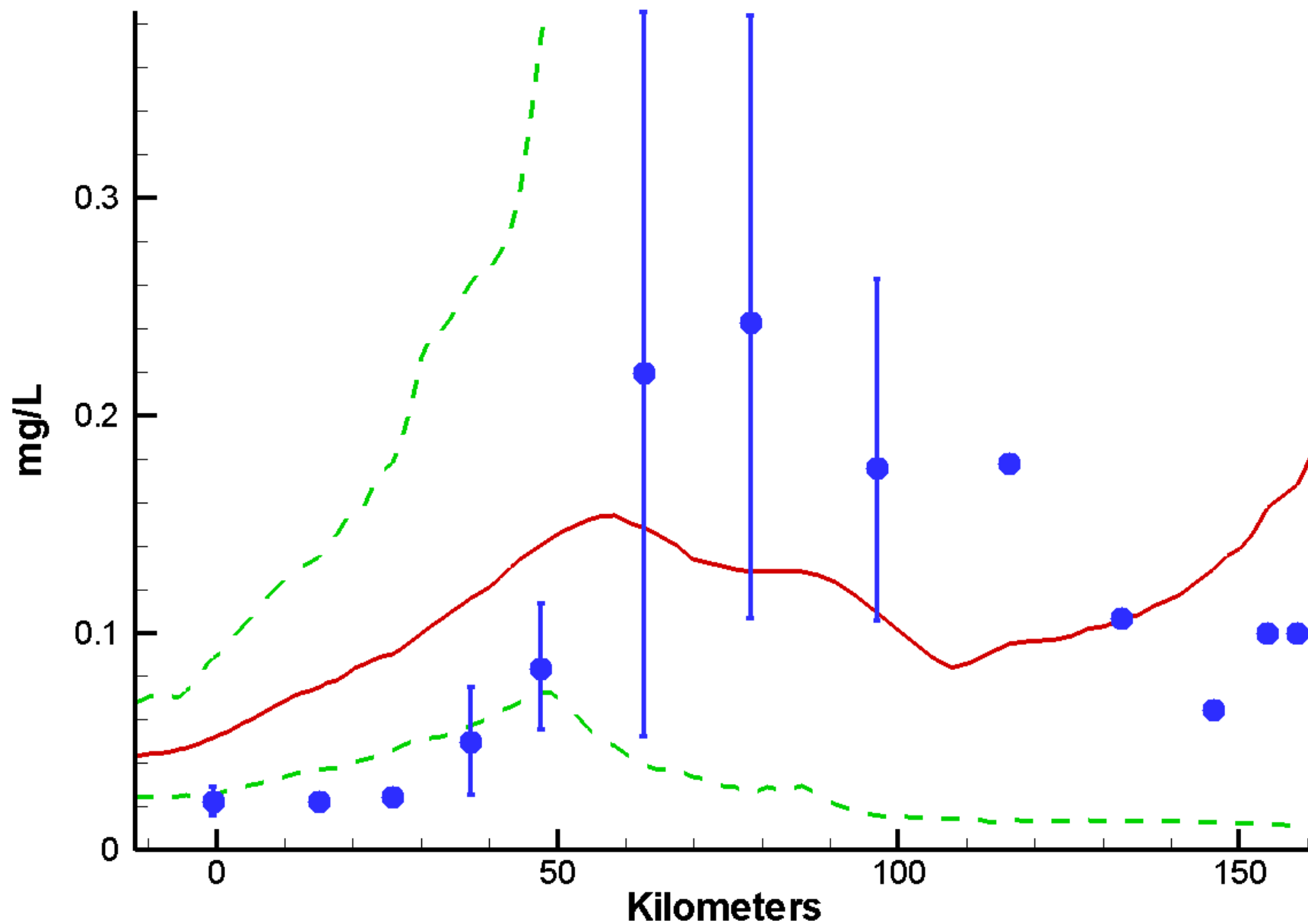
# Rappahannock River Ches2015 Run118

## Bottom Total Phosphorus Winter 1996



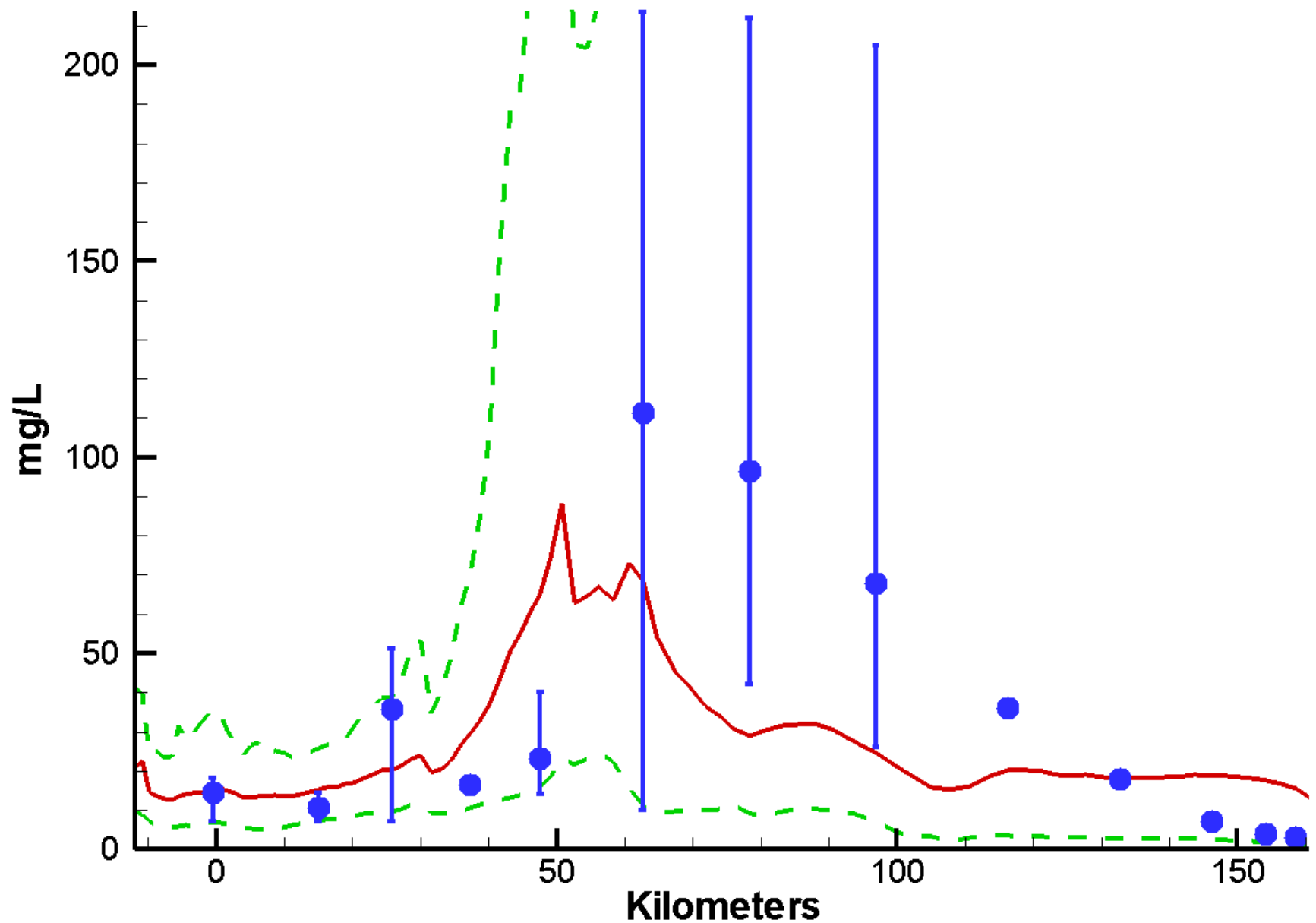
# Rappahannock River Ches2015 Run118

## Surface Total Phosphorus Winter 1996



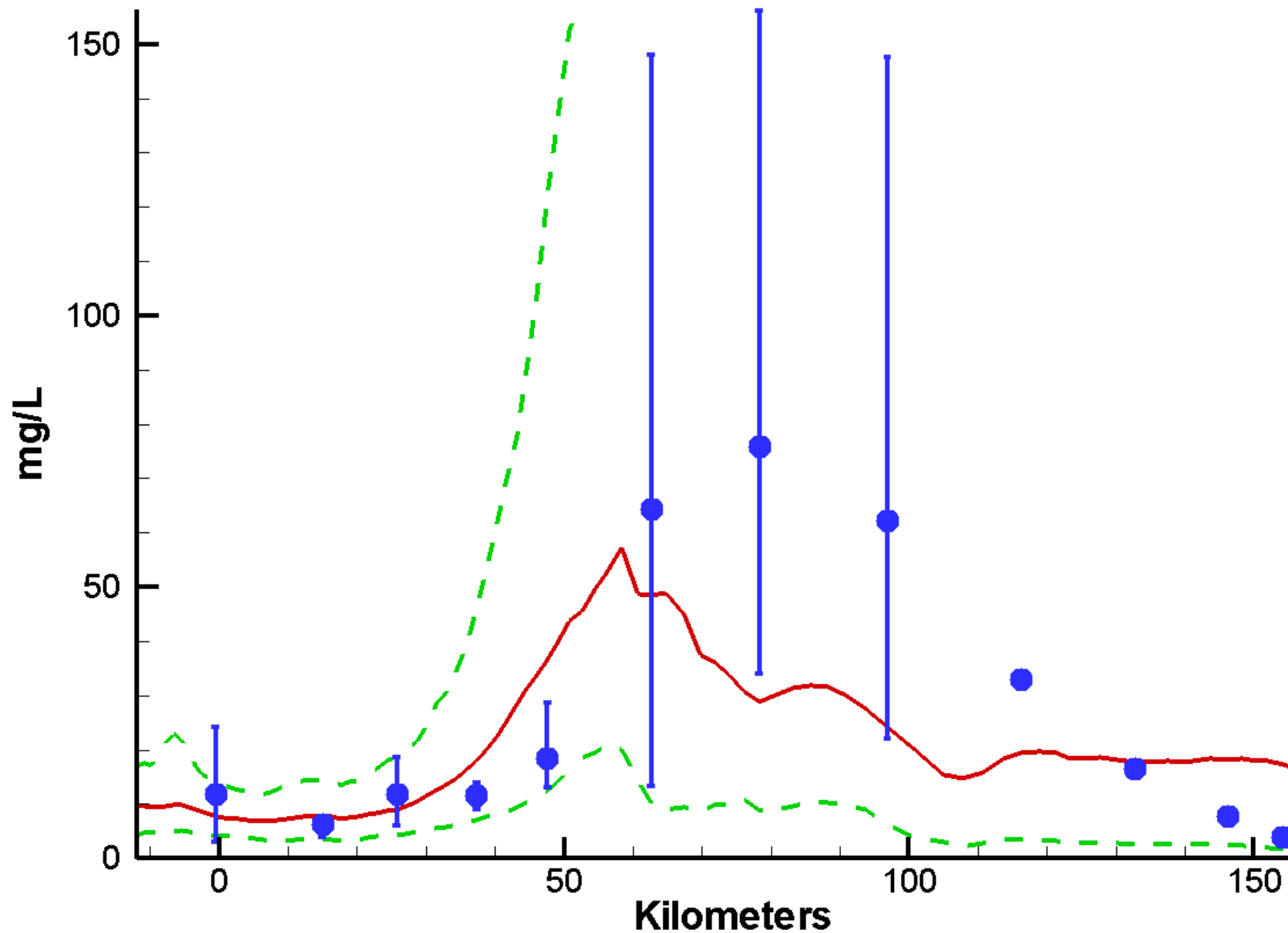
# Rappahannock River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1996



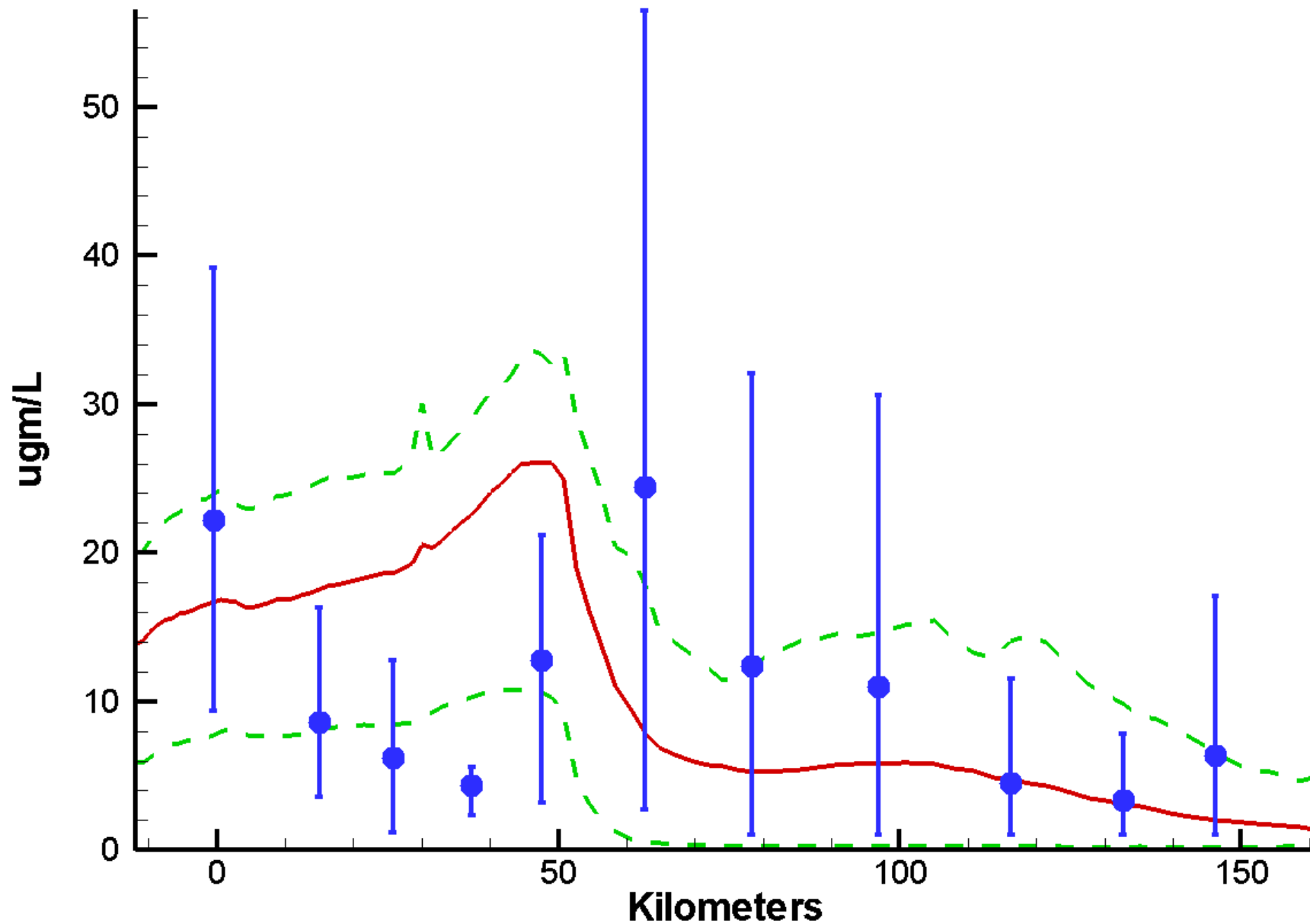
# Rappahannock River Ches2015 Run118

## Surface Total Suspended Solids Winter 1996



# Rappahannock River Ches2015 Run118

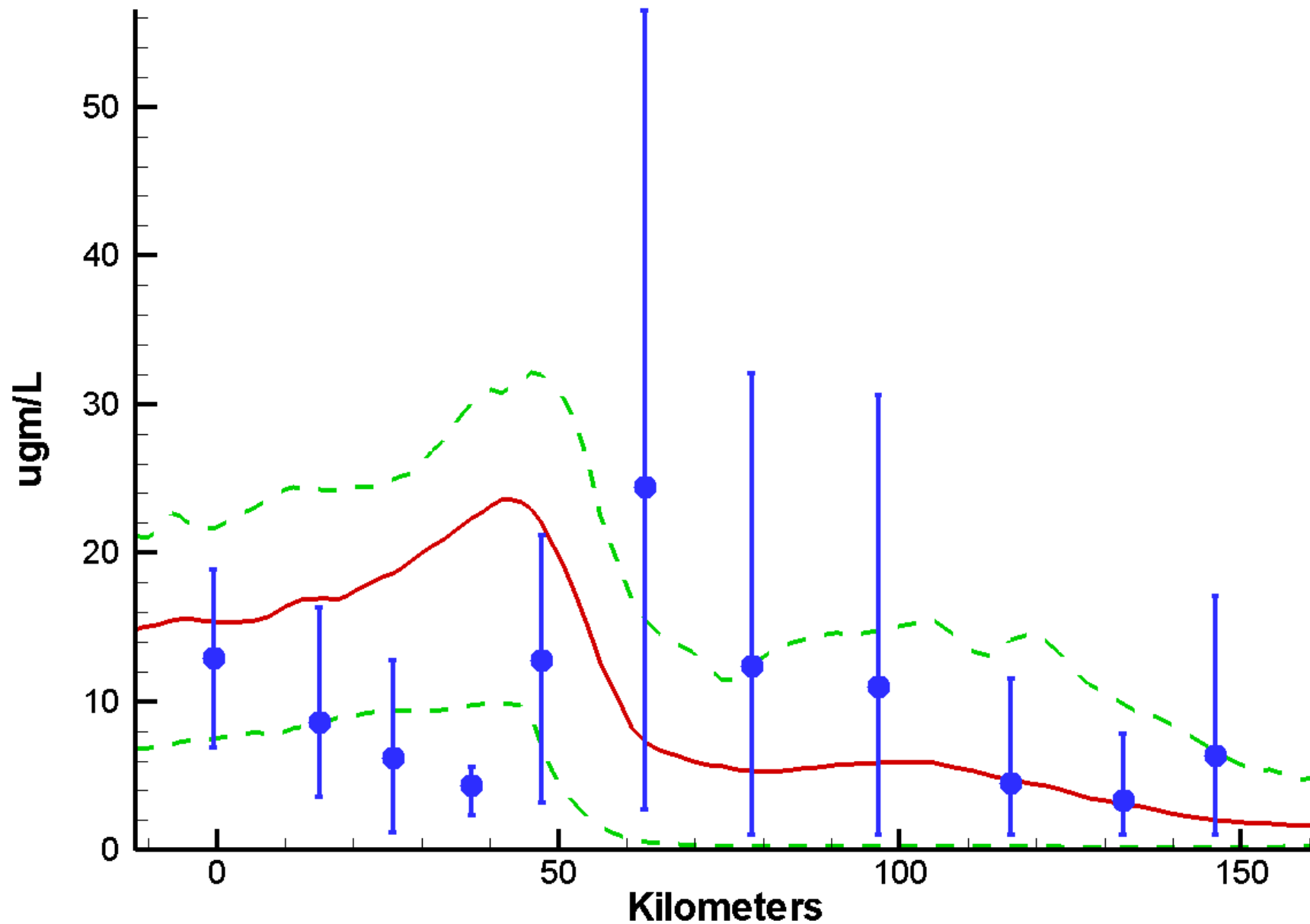
## Bottom Chlorophyll Spring 1996





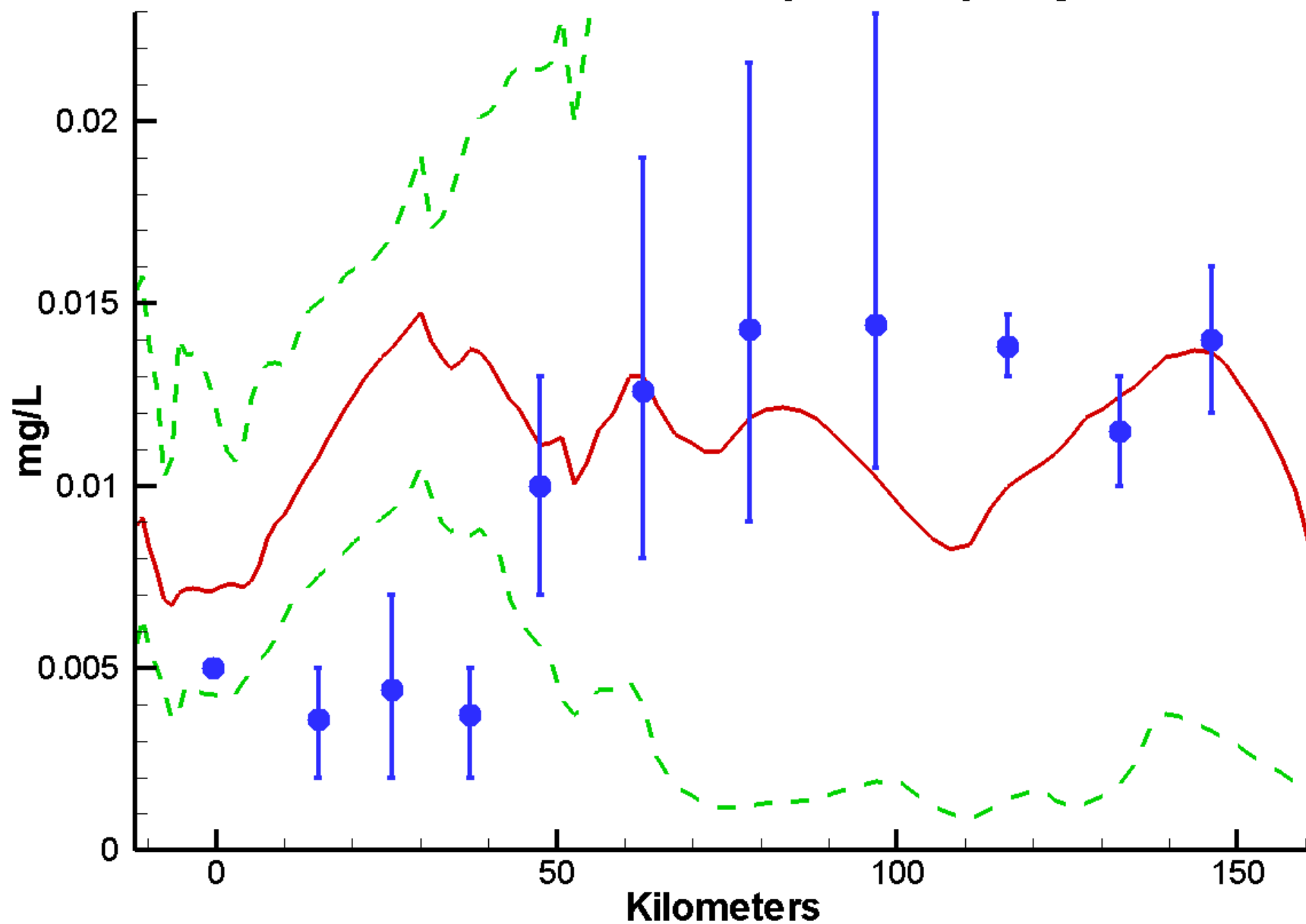
# Rappahannock River Ches2015 Run118

## Surface Chlorophyll Spring 1996



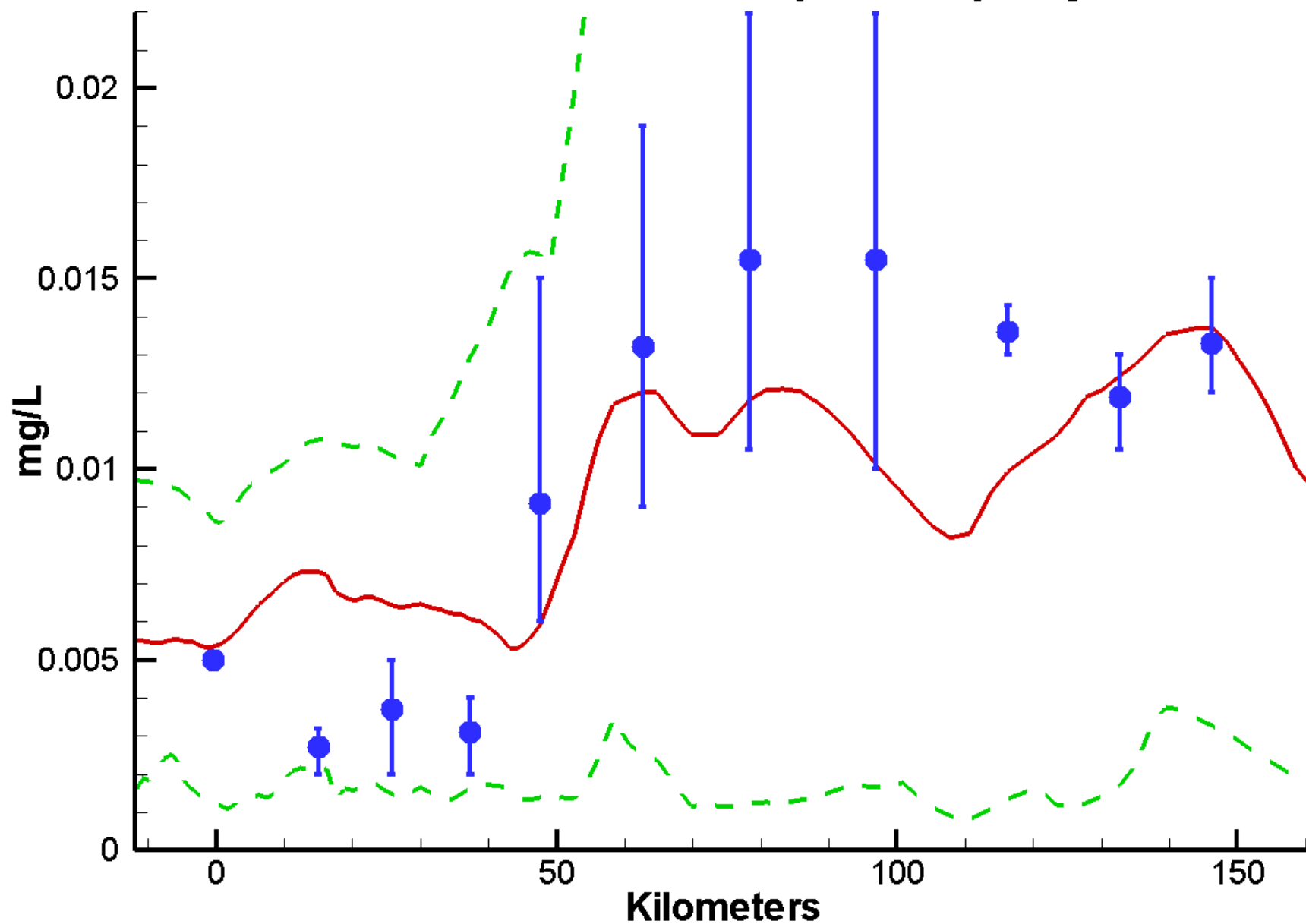
# Rappahannock River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1996



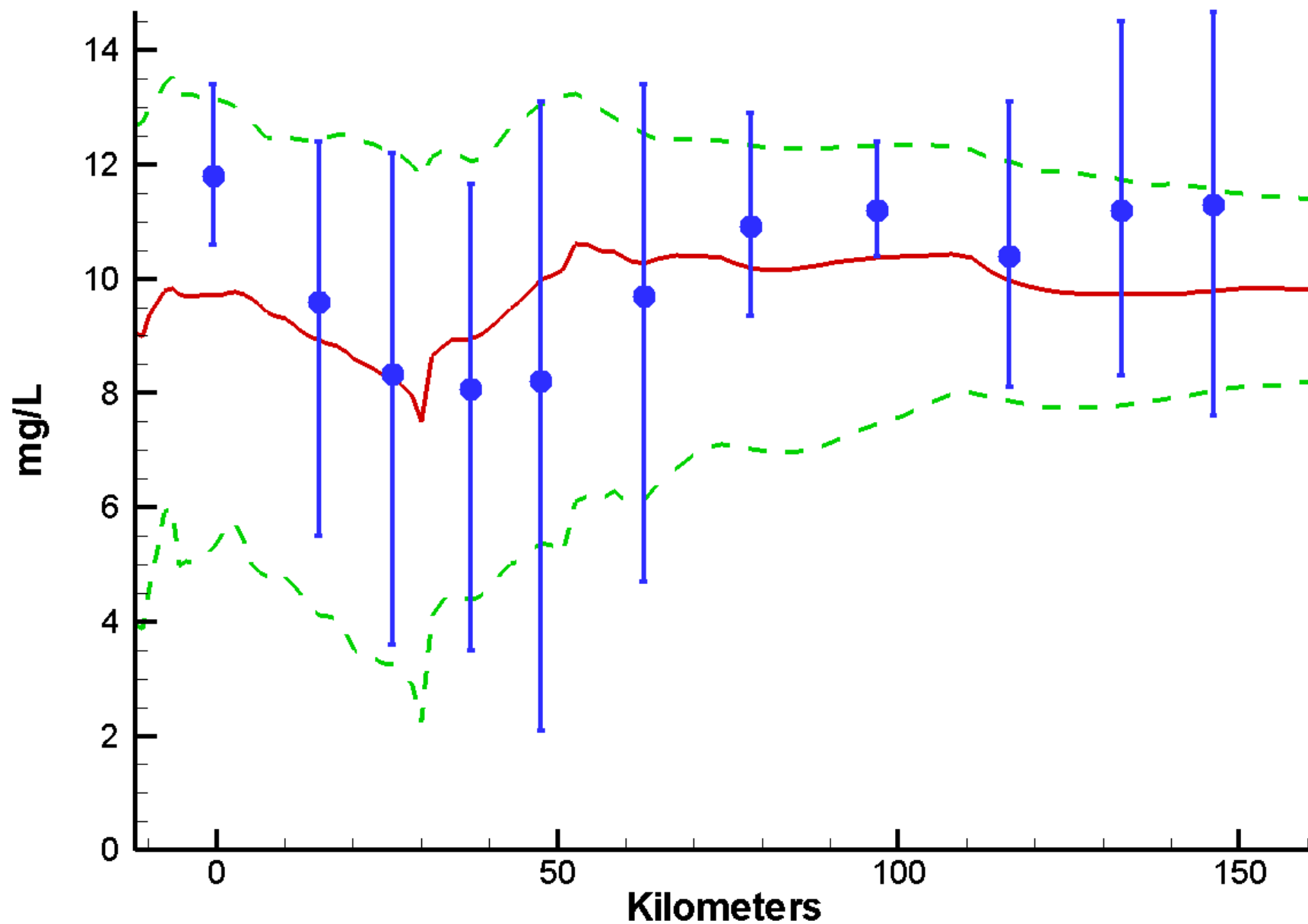
# Rappahannock River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1996

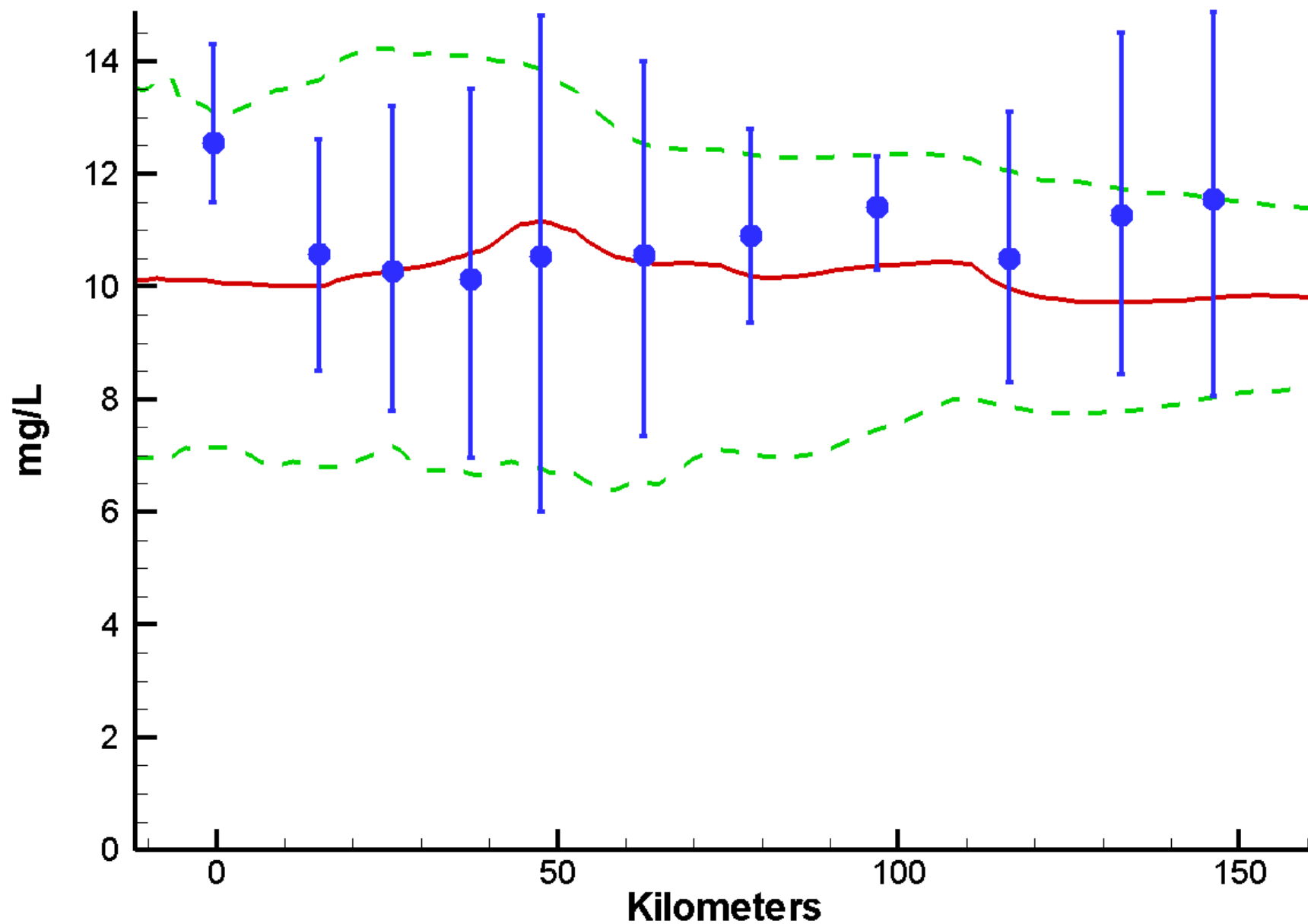


# Rappahannock River Ches2015 Run118

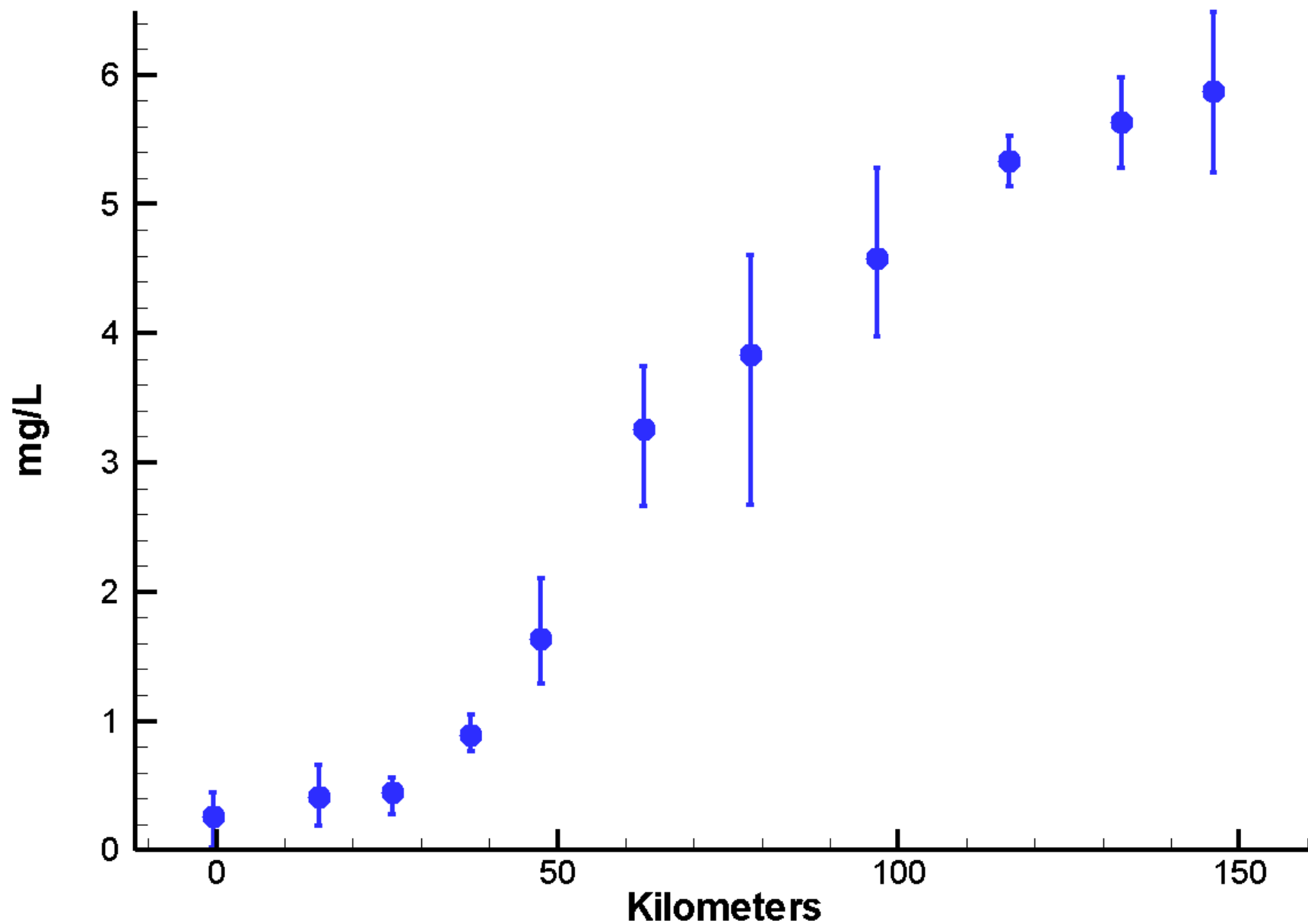
## Bottom Dissolved Oxygen Spring 1996



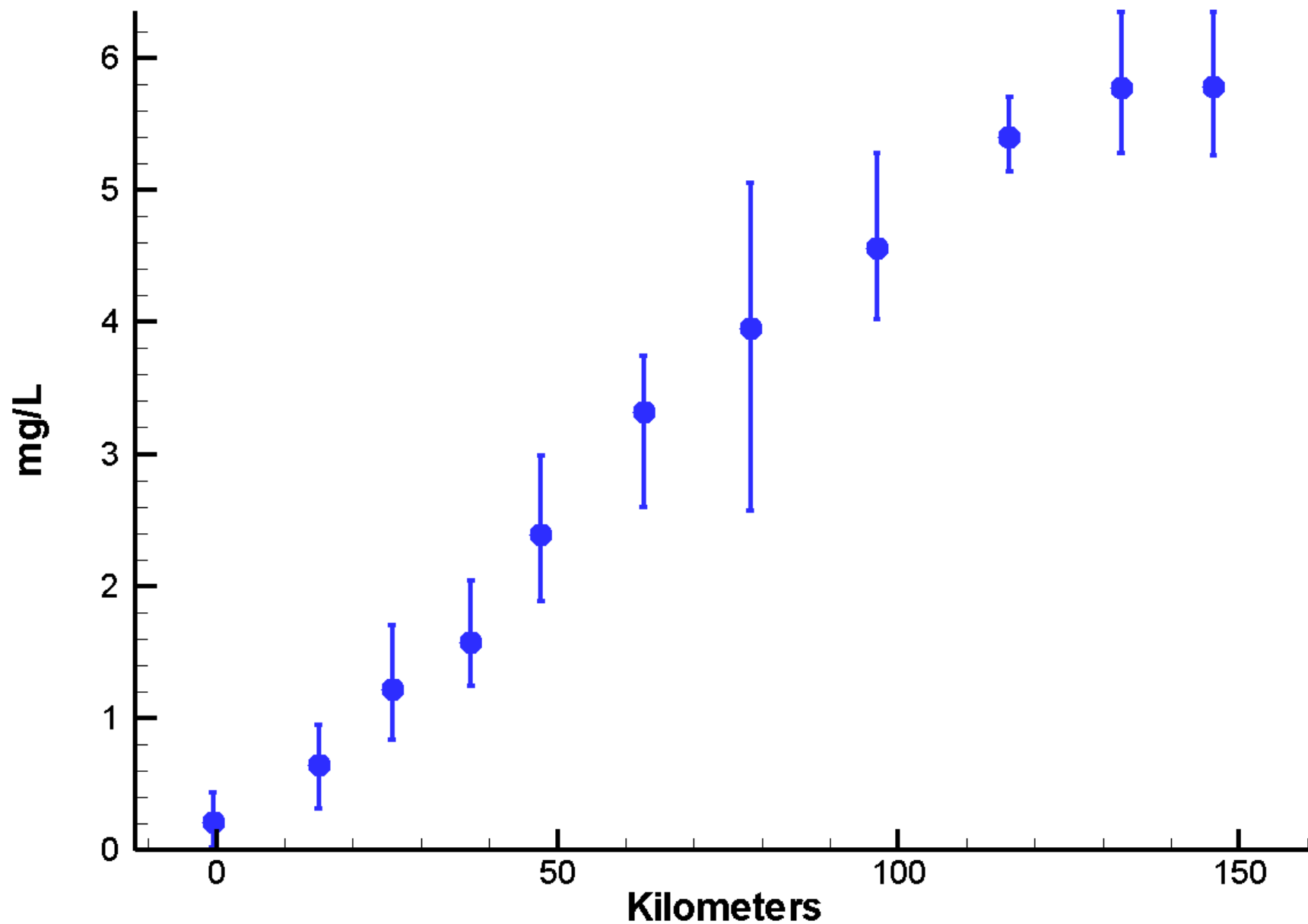
# Rappahannock River Ches2015 Run118 Surface Dissolved Oxygen Spring 1996



# Rappahannock River Ches2015 Run118 Bottom Dissolved Silica Spring 1996

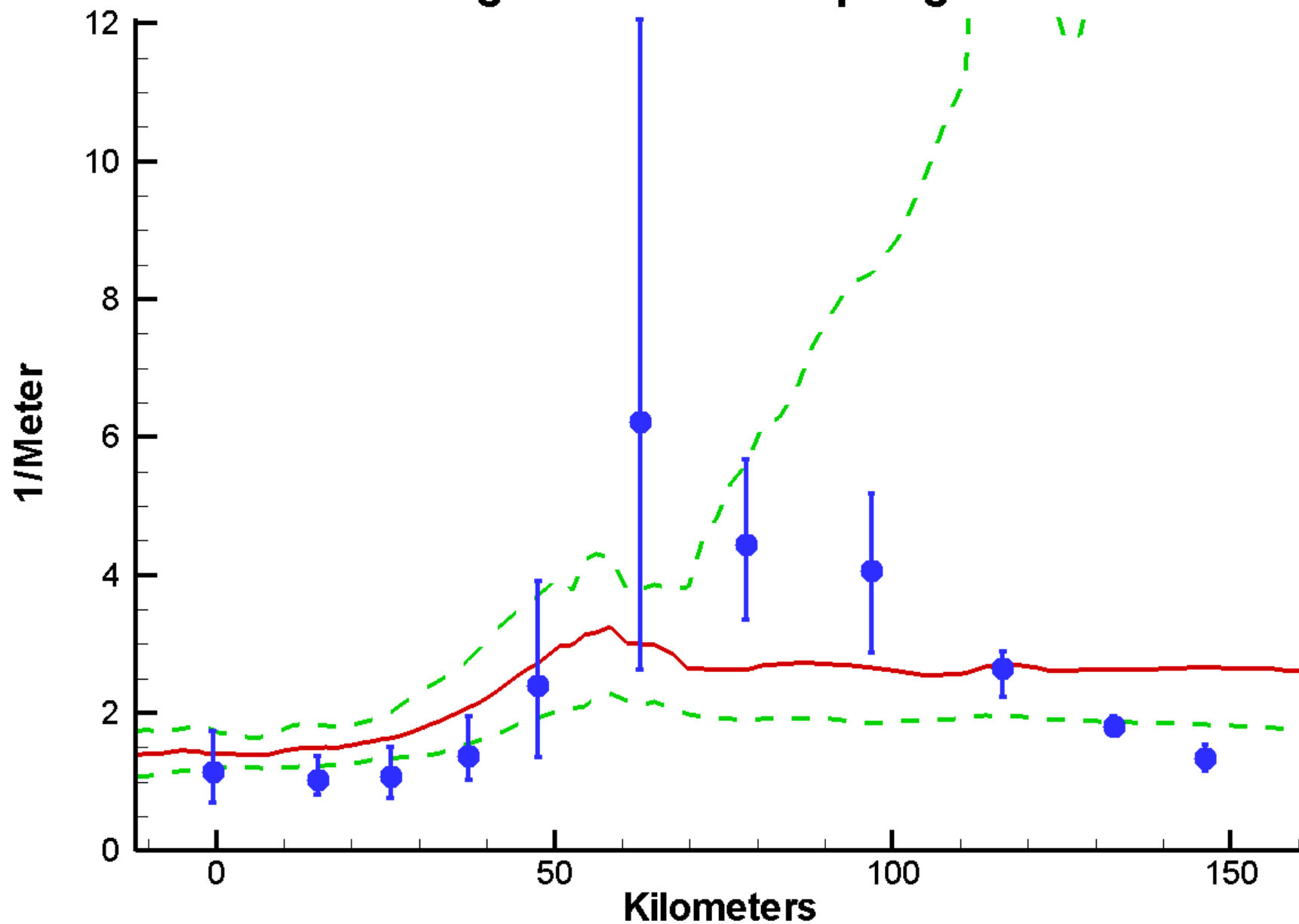


# Rappahannock River Ches2015 Run118 Surface Dissolved Silica Spring 1996



# Rappahannock River Ches2015 Run118

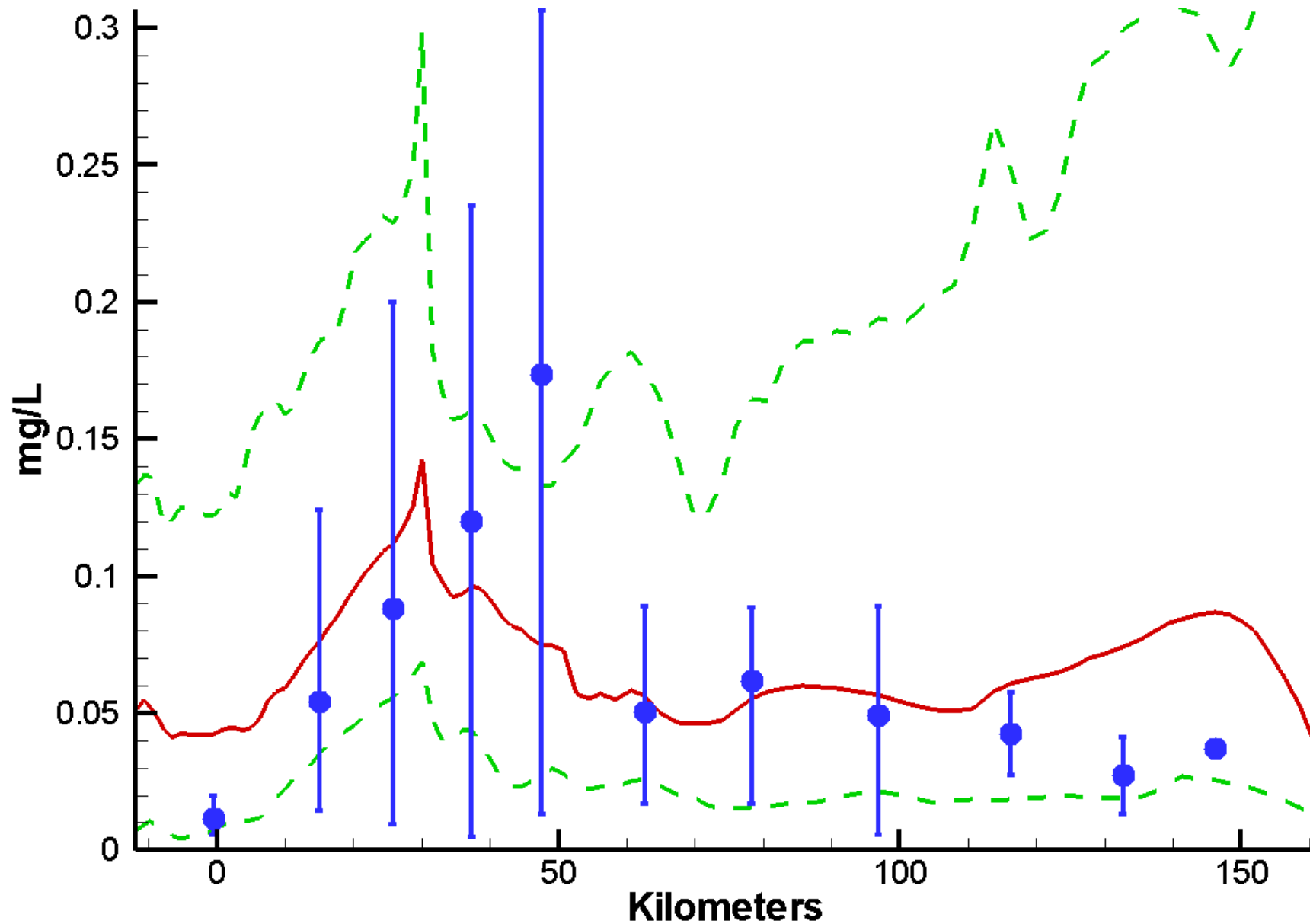
## Surface Light Extinction Spring 1996



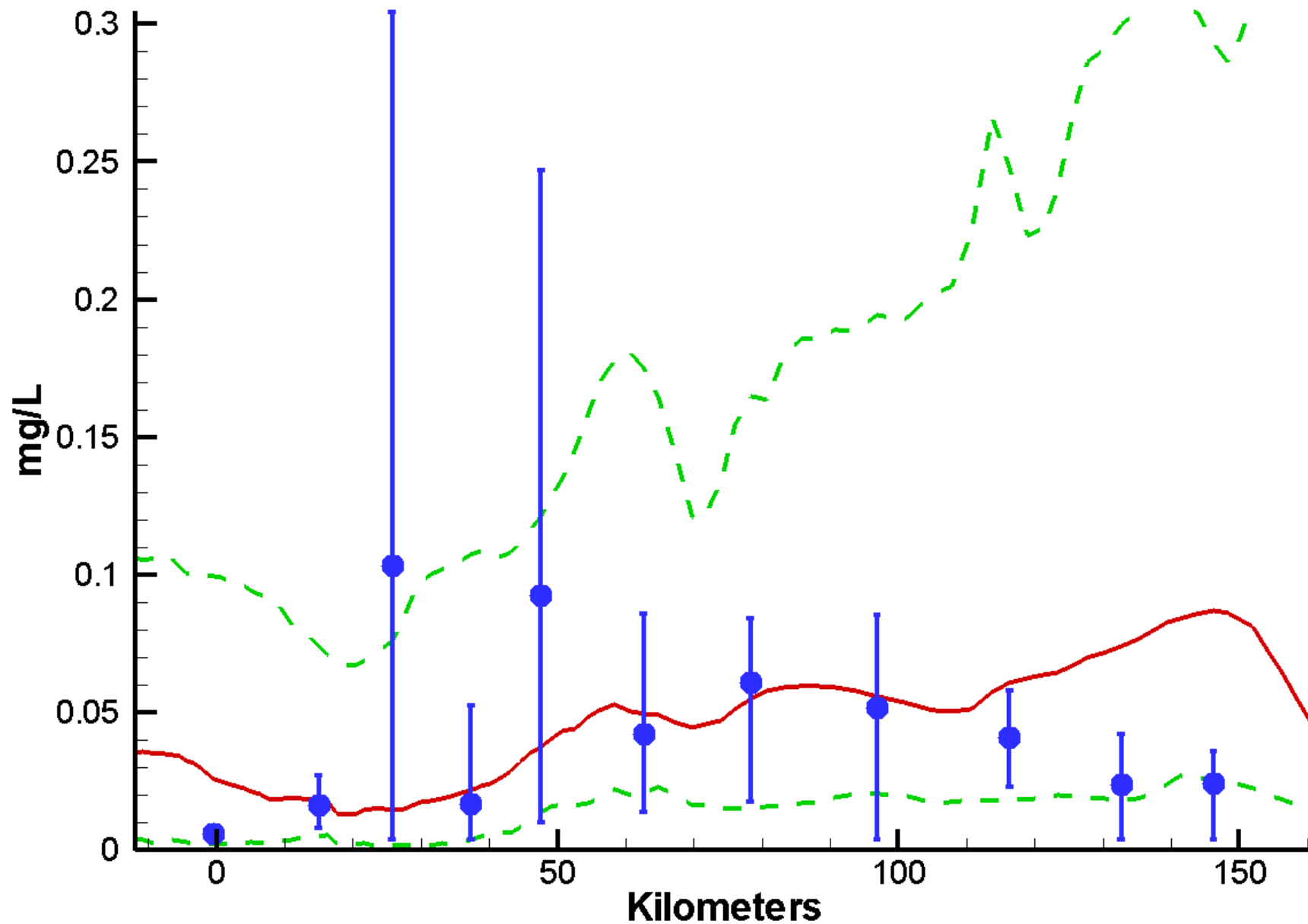


# Rappahannock River Ches2015 Run118

## Bottom Ammonium Spring 1996

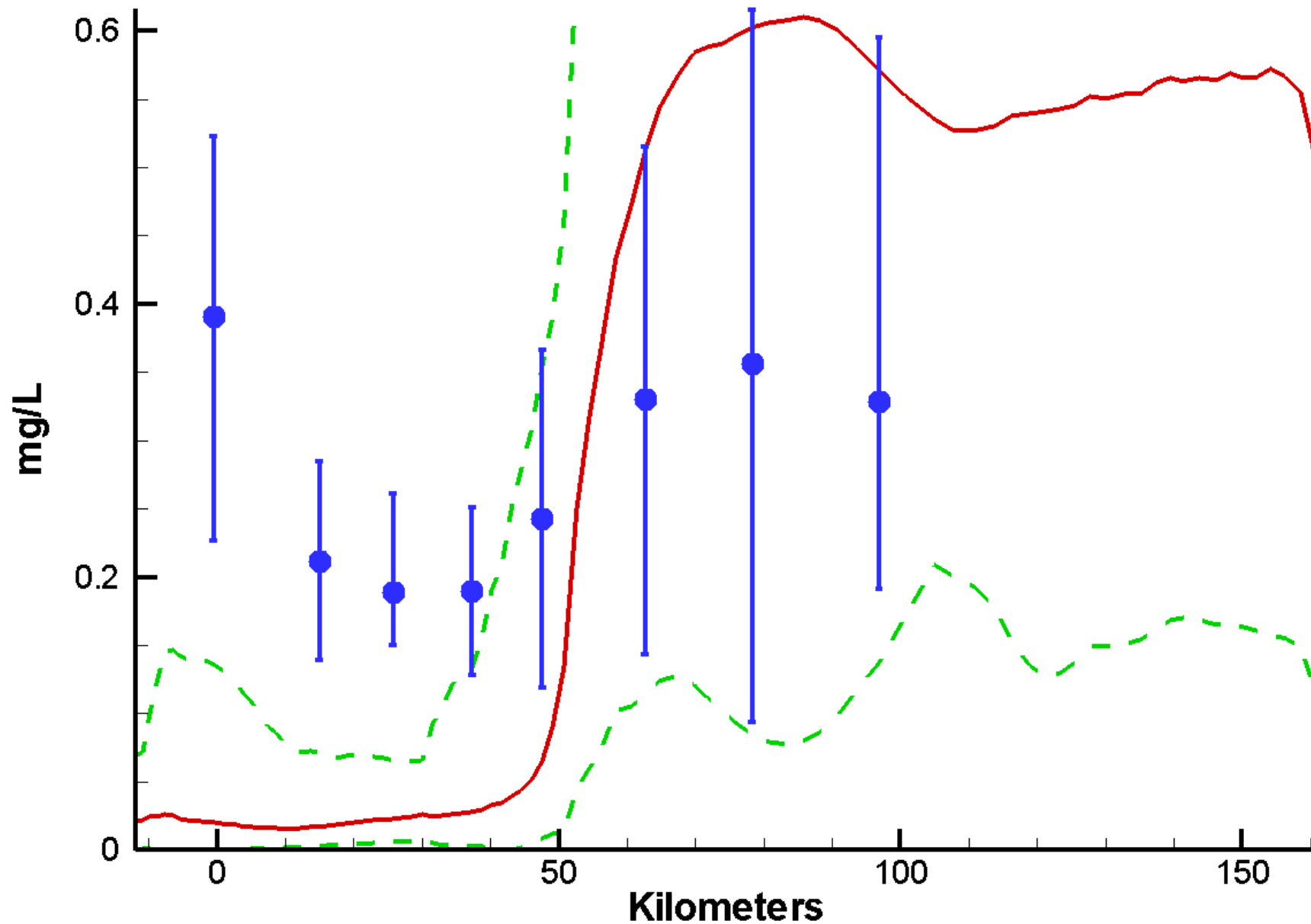


# Rappahannock River Ches2015 Run118 Surface Ammonium Spring 1996



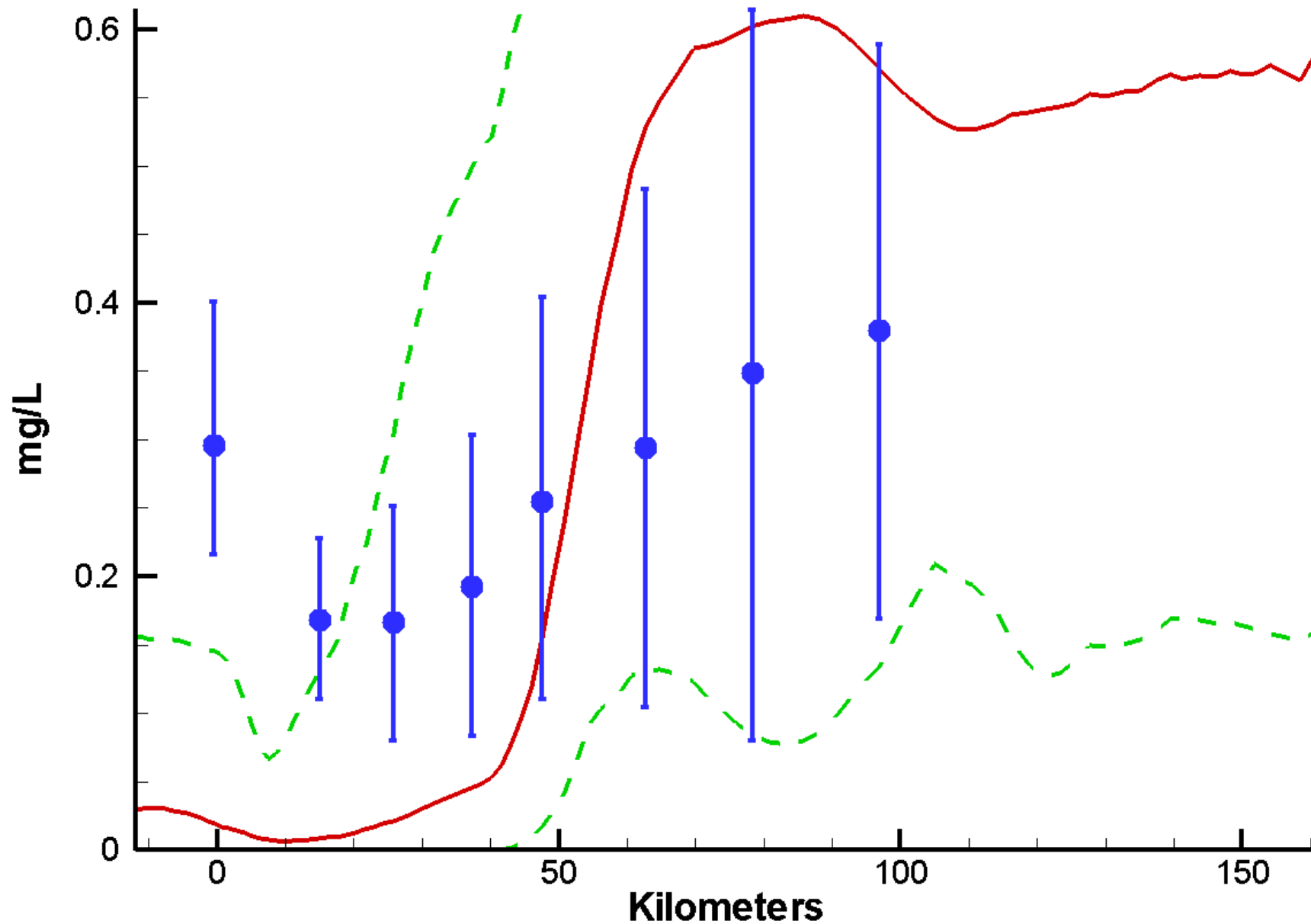
# Rappahannock River Ches2015 Run118

## Bottom Nitrate Spring 1996



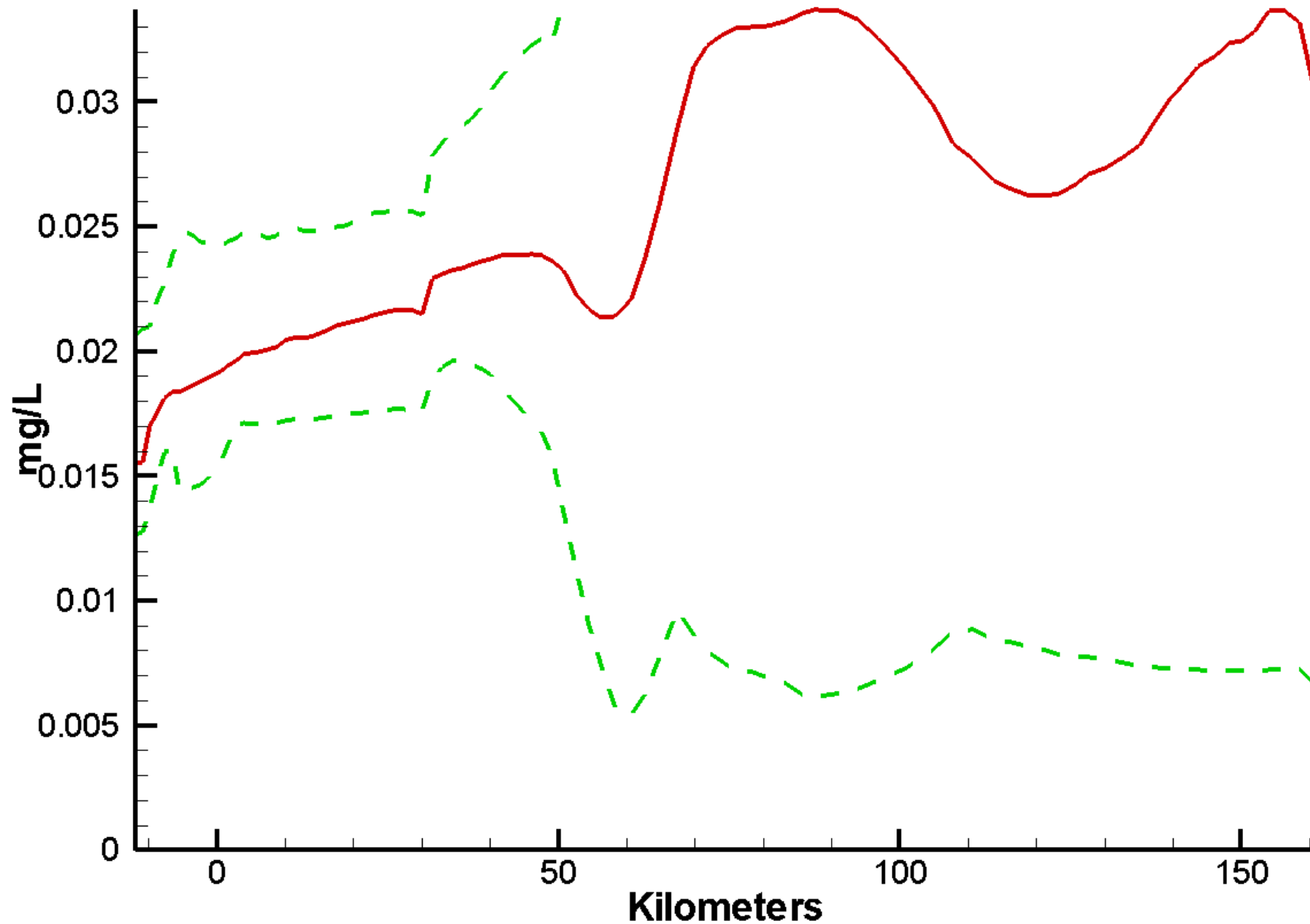
# Rappahannock River Ches2015 Run118

## Surface Nitrate Spring 1996

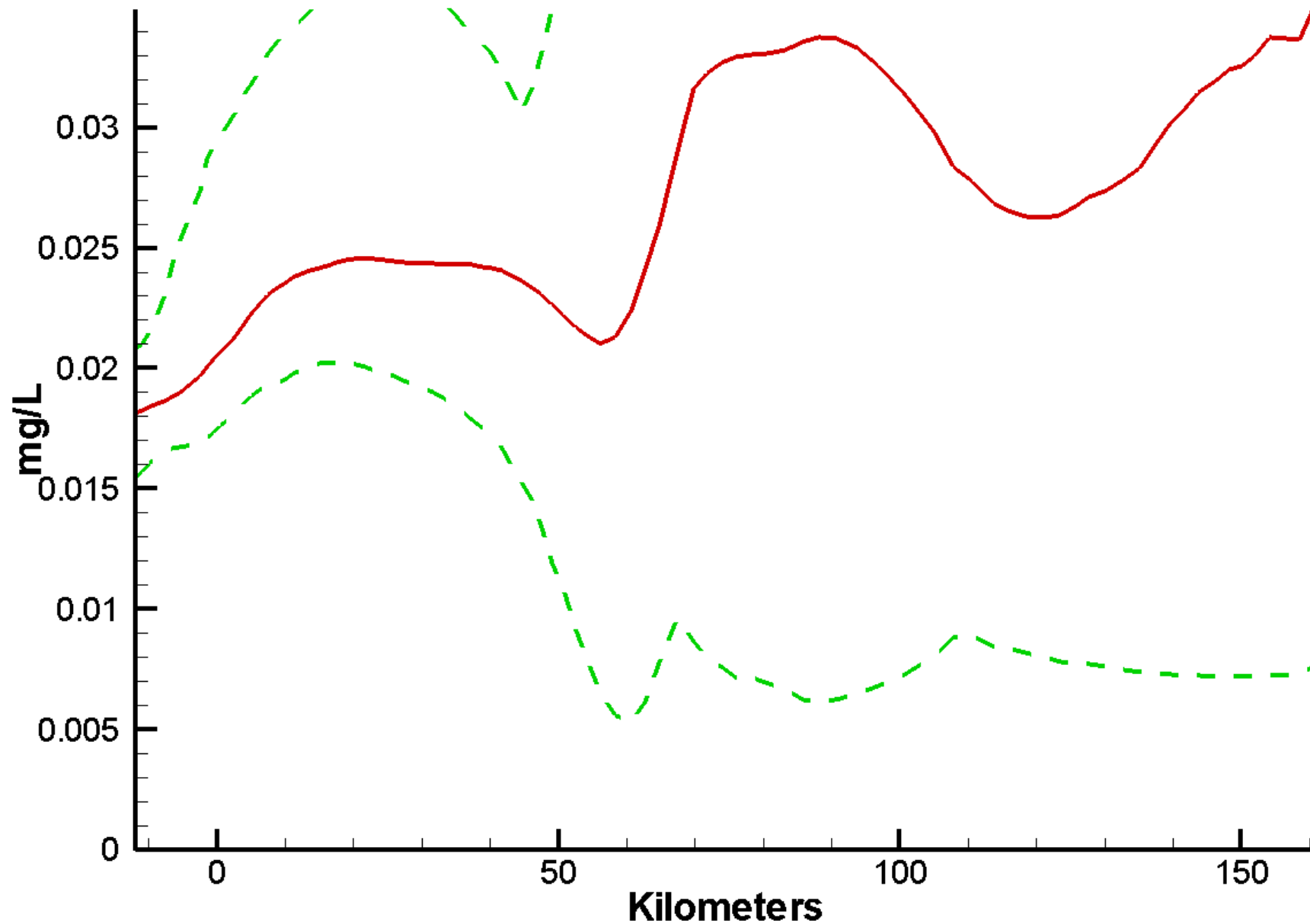


# Rappahannock River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1996

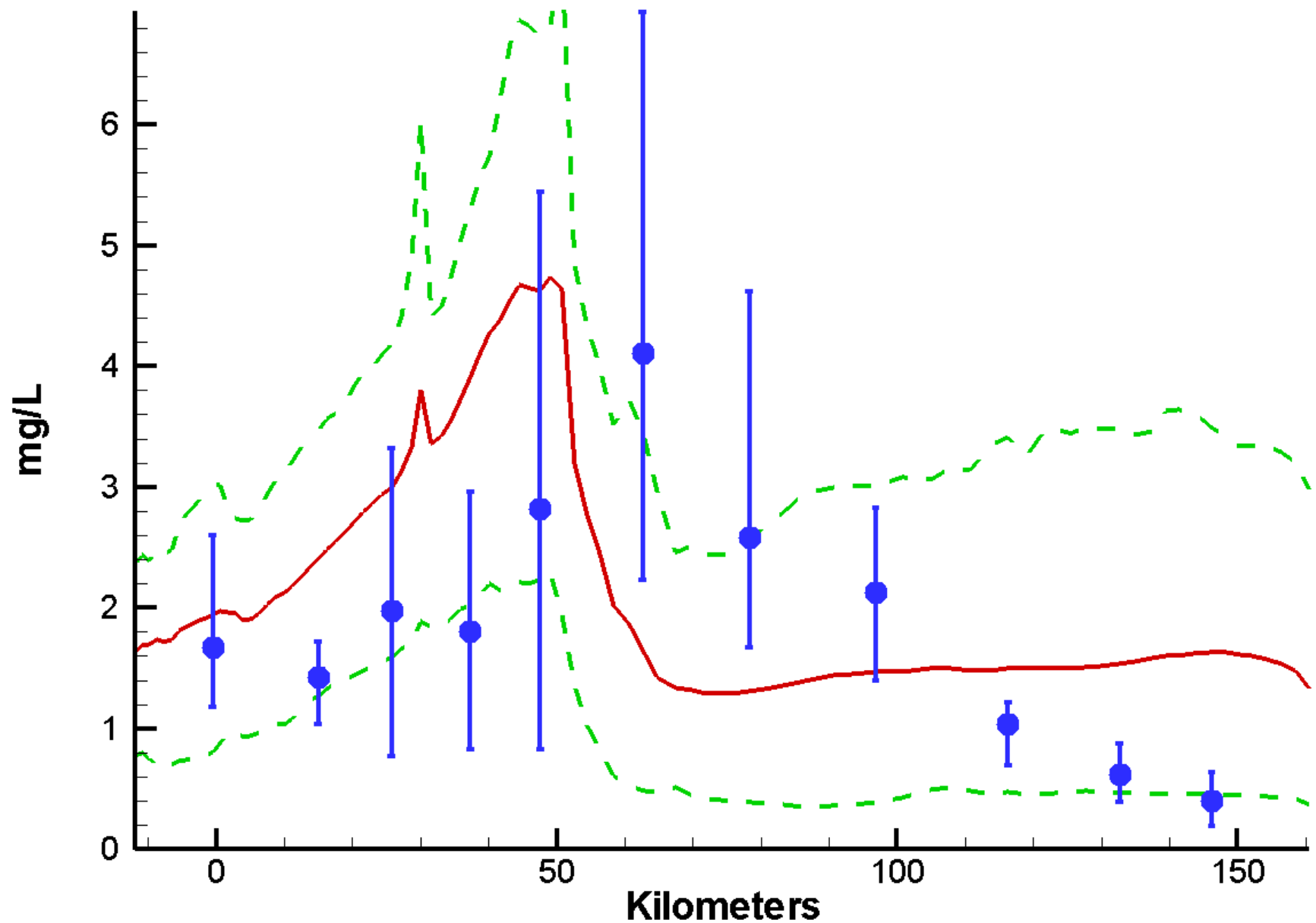


**Rappahannock River Ches2015 Run118**  
**Surface Particulate Inorganic Phosphorus Spring 1996**



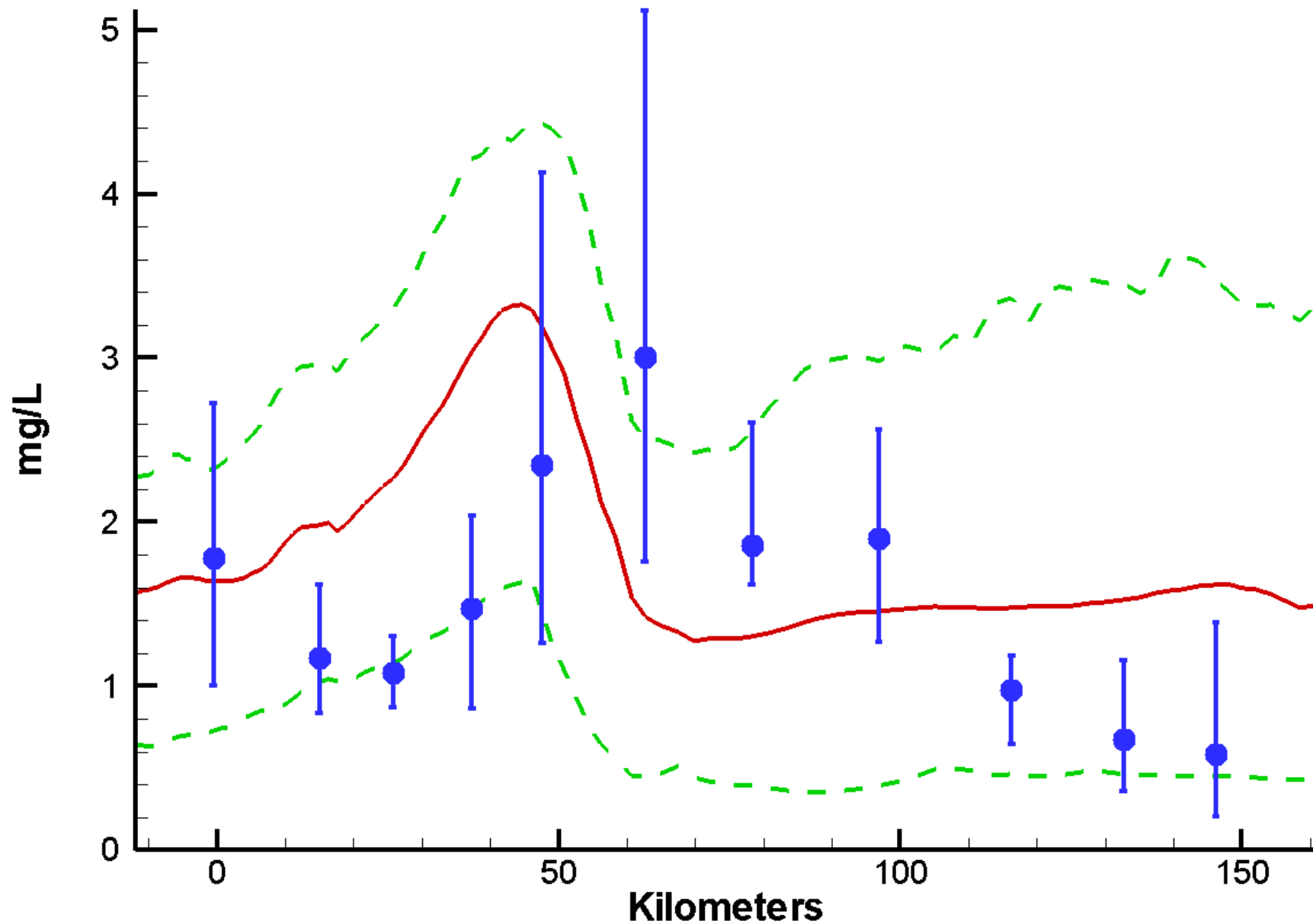
# Rappahannock River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1996



# Rappahannock River Ches2015 Run118

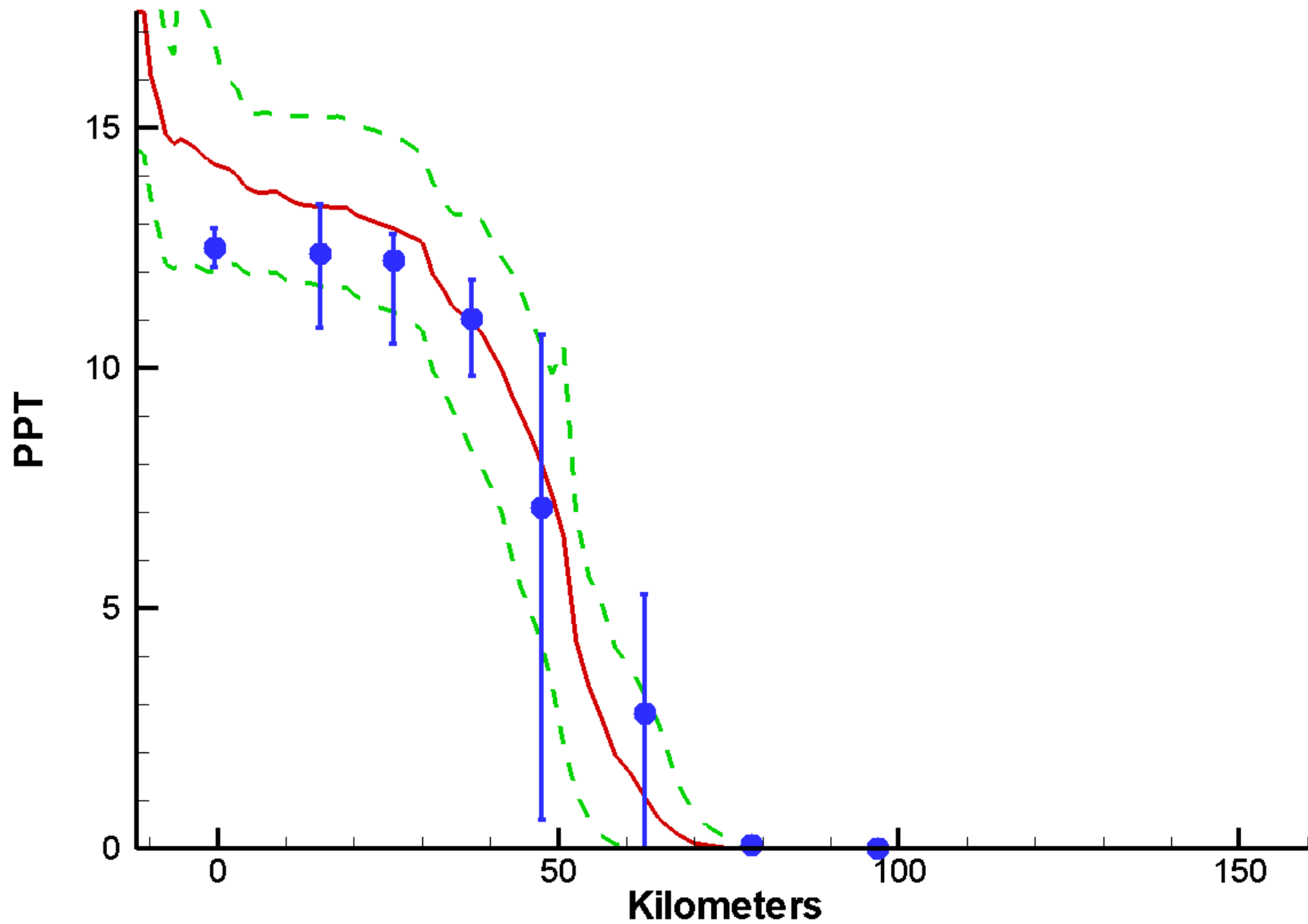
## Surface Particulate Organic Carbon Spring 1996





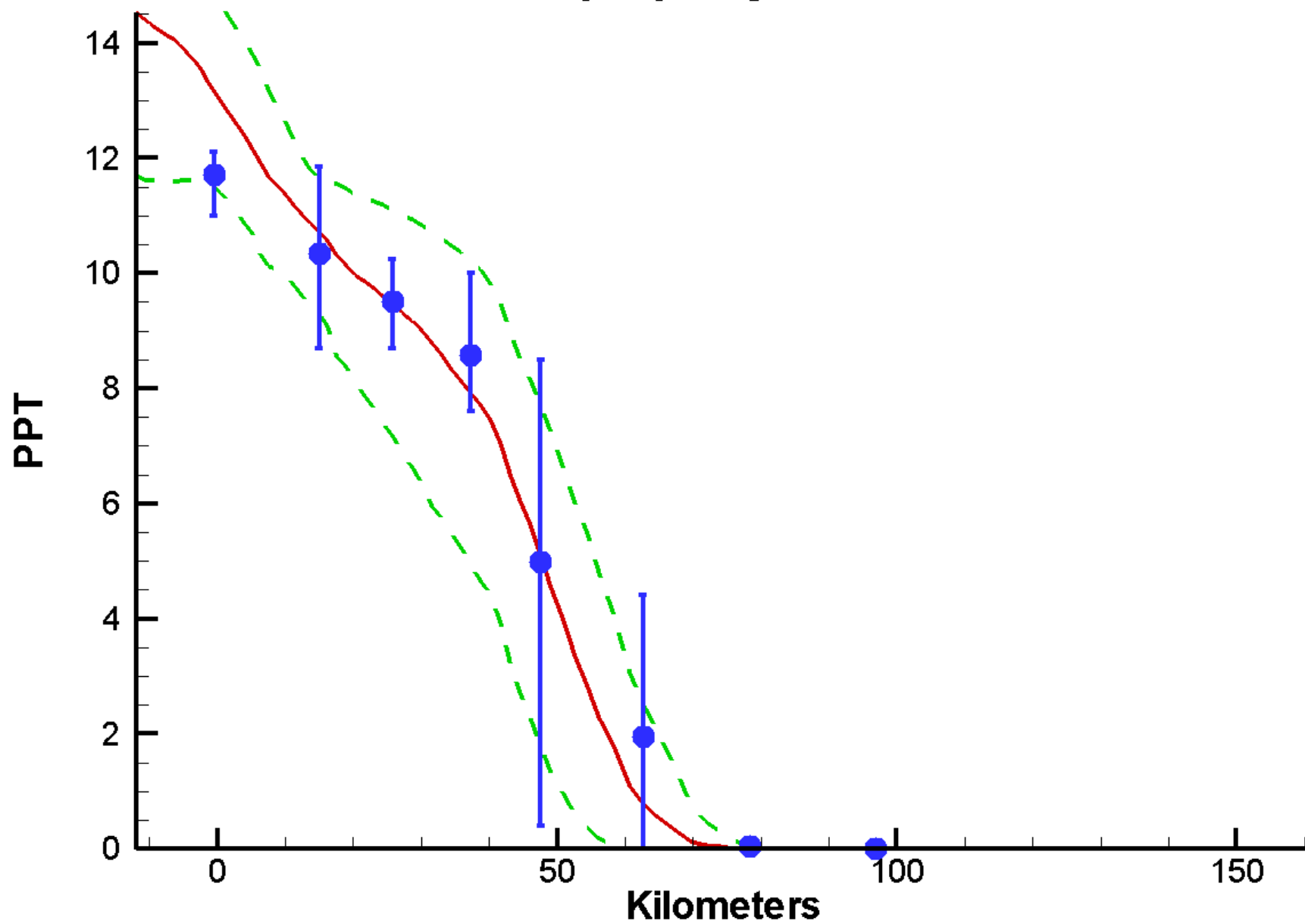
# Rappahannock River Ches2015 Run118

## Bottom Salinity Spring 1996



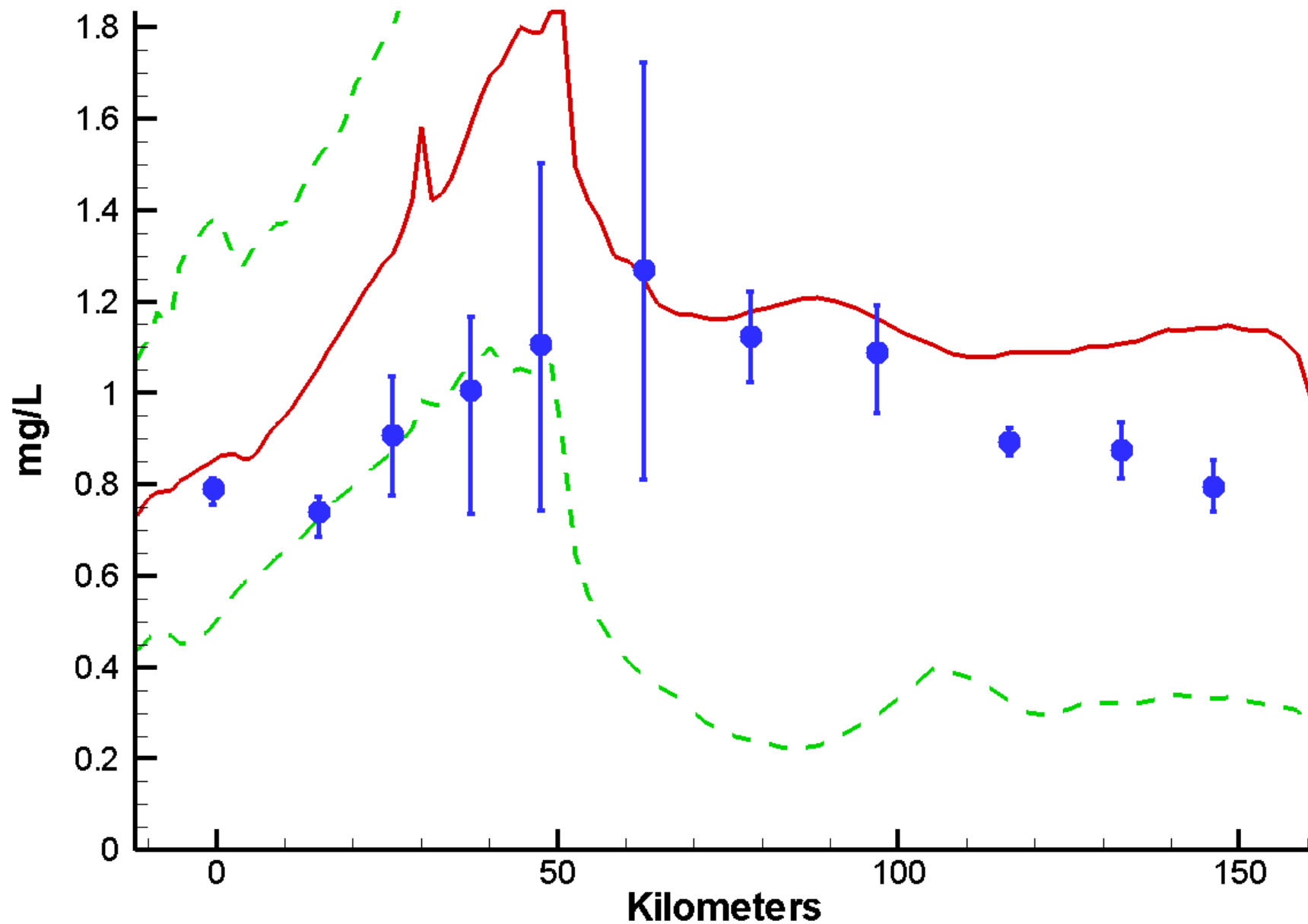
# Rappahannock River Ches2015 Run118

## Surface Salinity Spring 1996



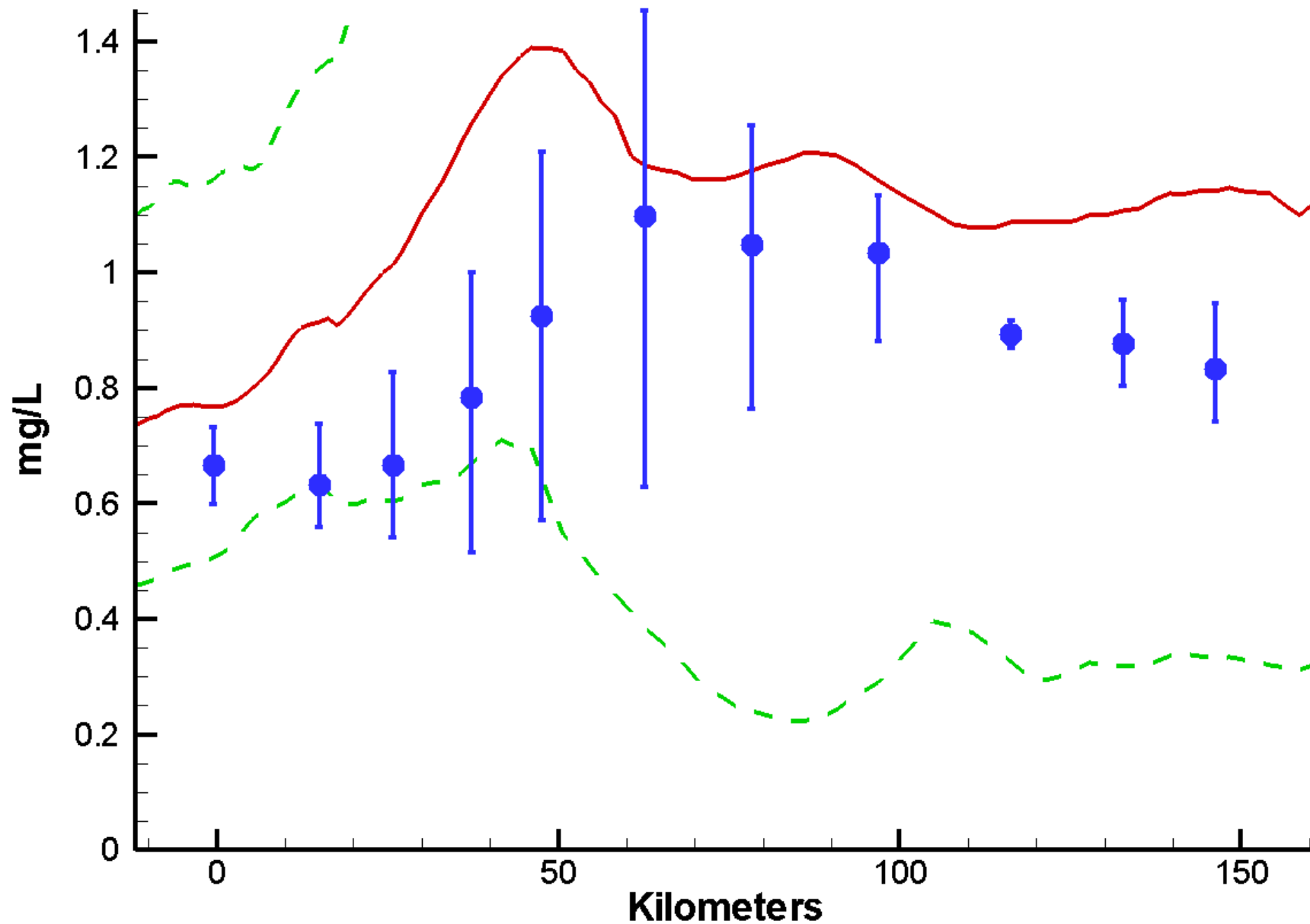
# Rappahannock River Ches2015 Run118

## Bottom Total Nitrogen Spring 1996



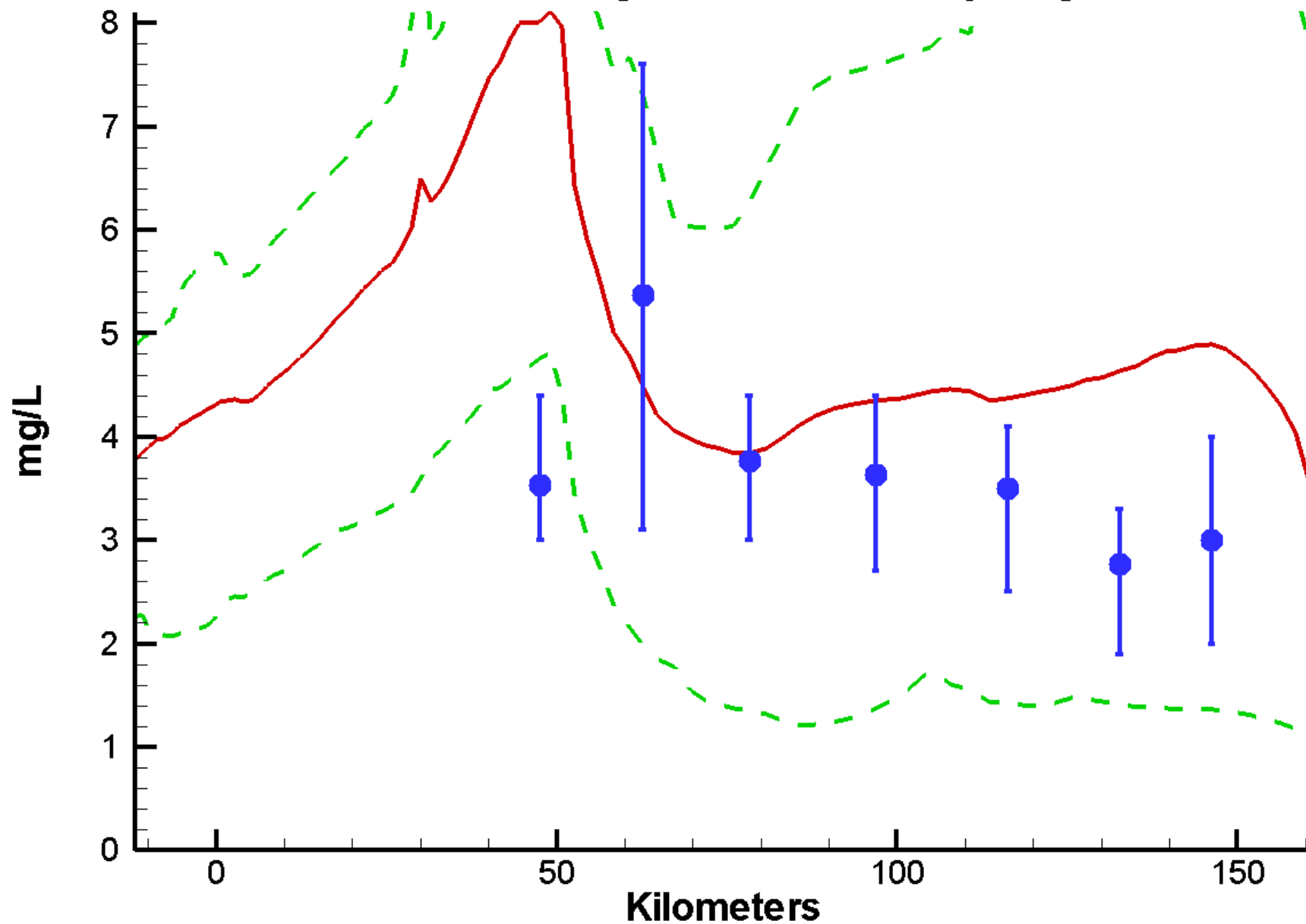
# Rappahannock River Ches2015 Run118

## Surface Total Nitrogen Spring 1996



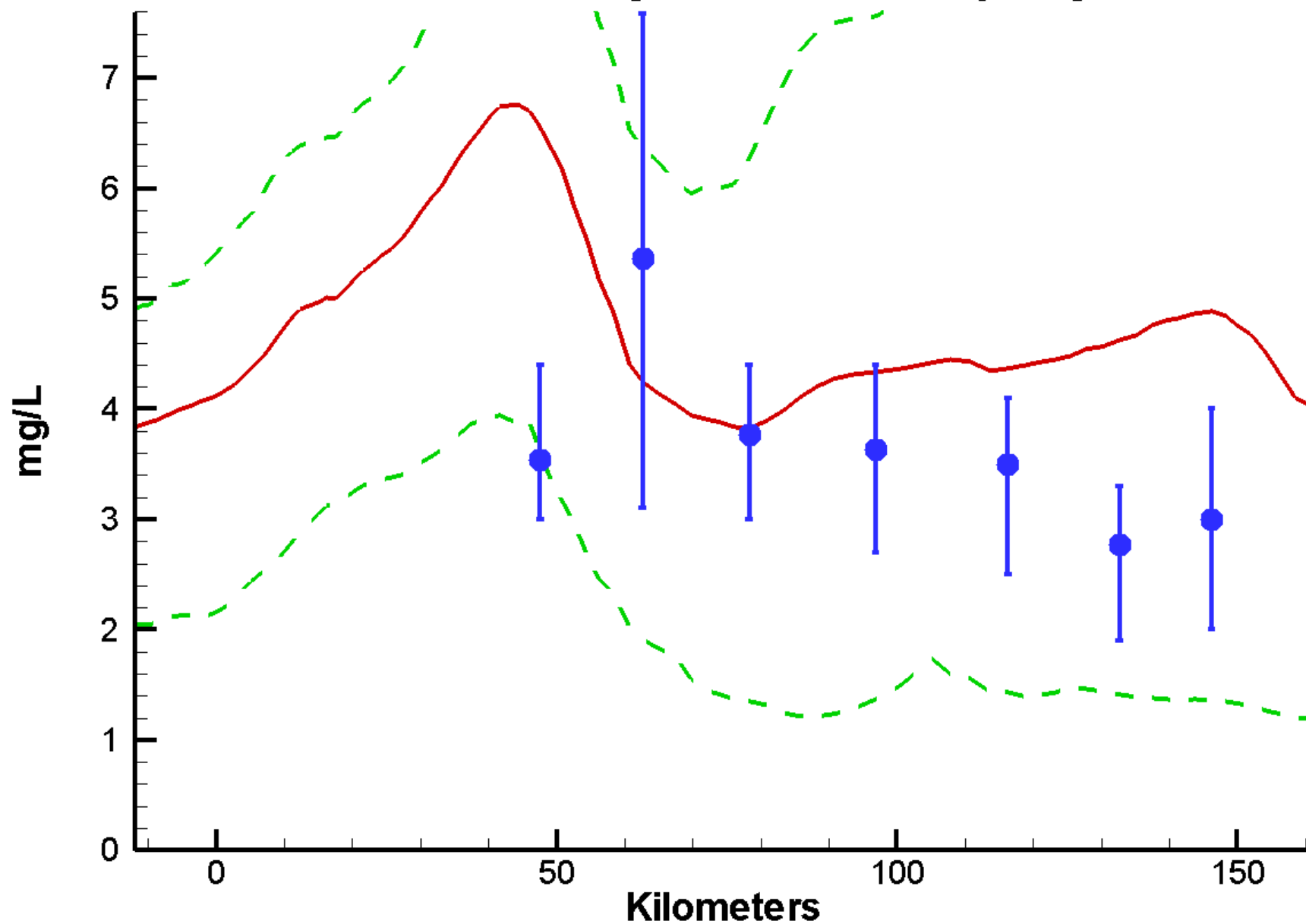
# Rappahannock River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1996



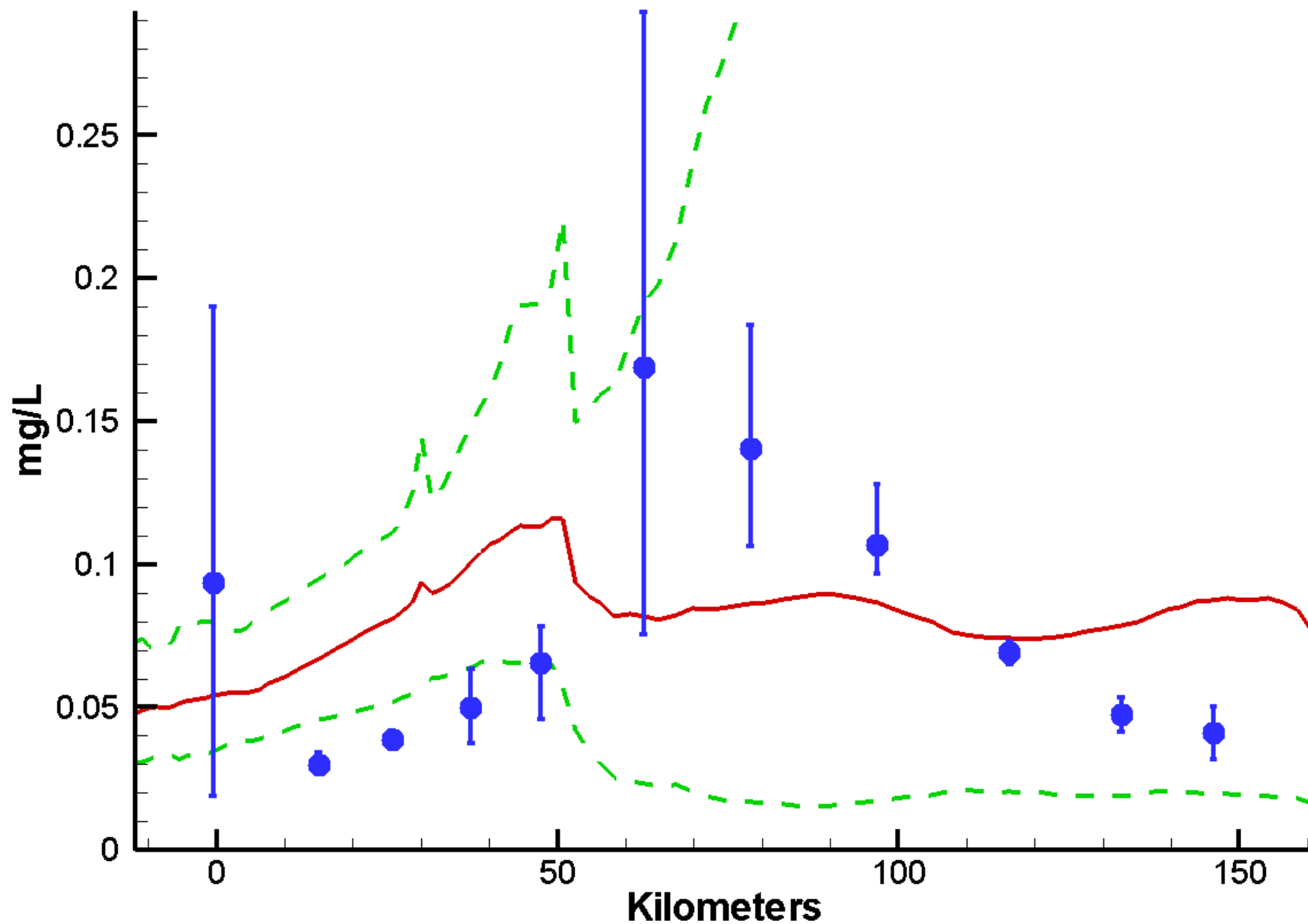
# Rappahannock River Ches2015 Run118

## Surface Total Organic Carbon Spring 1996



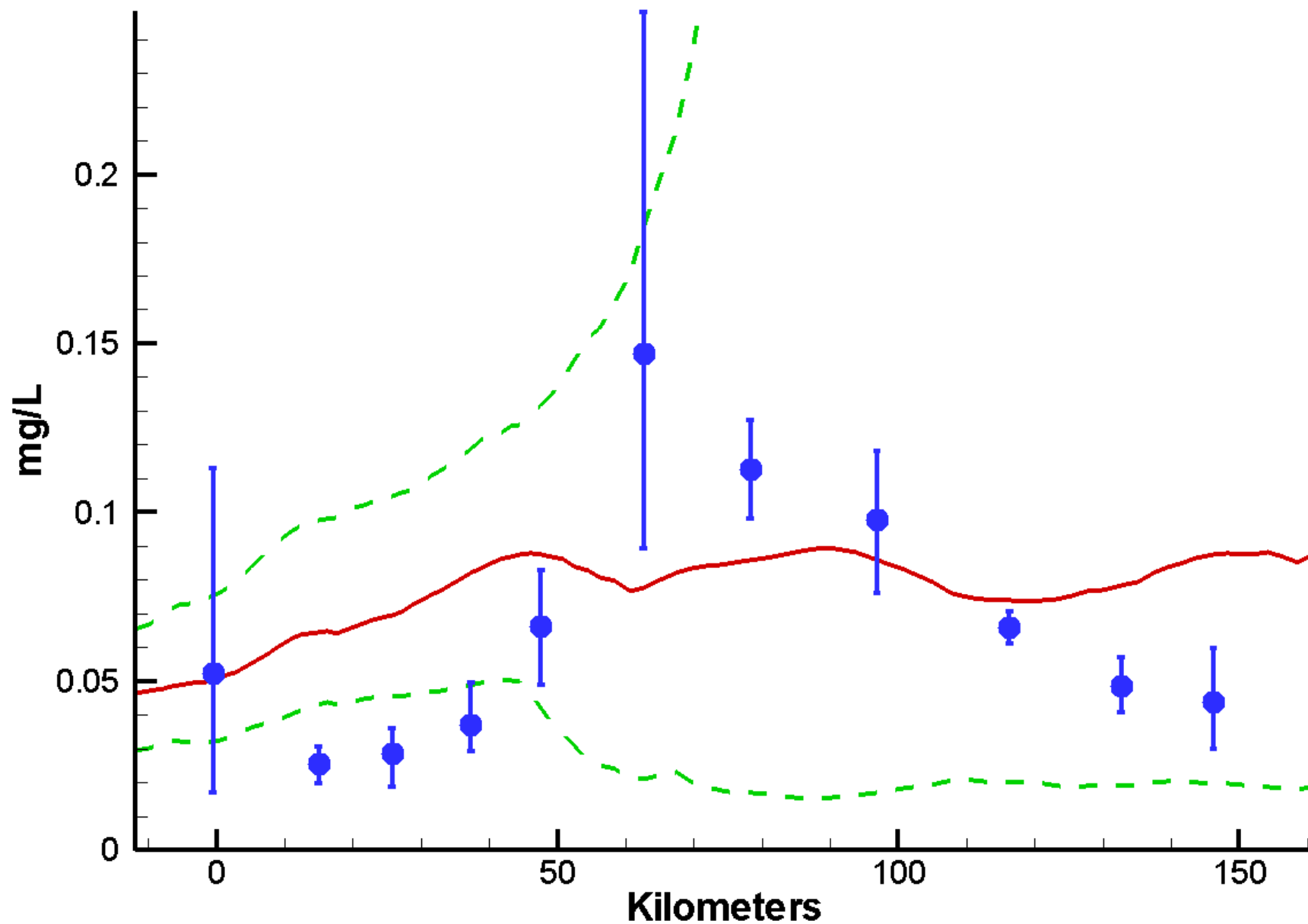
# Rappahannock River Ches2015 Run118

## Bottom Total Phosphorus Spring 1996



# Rappahannock River Ches2015 Run118

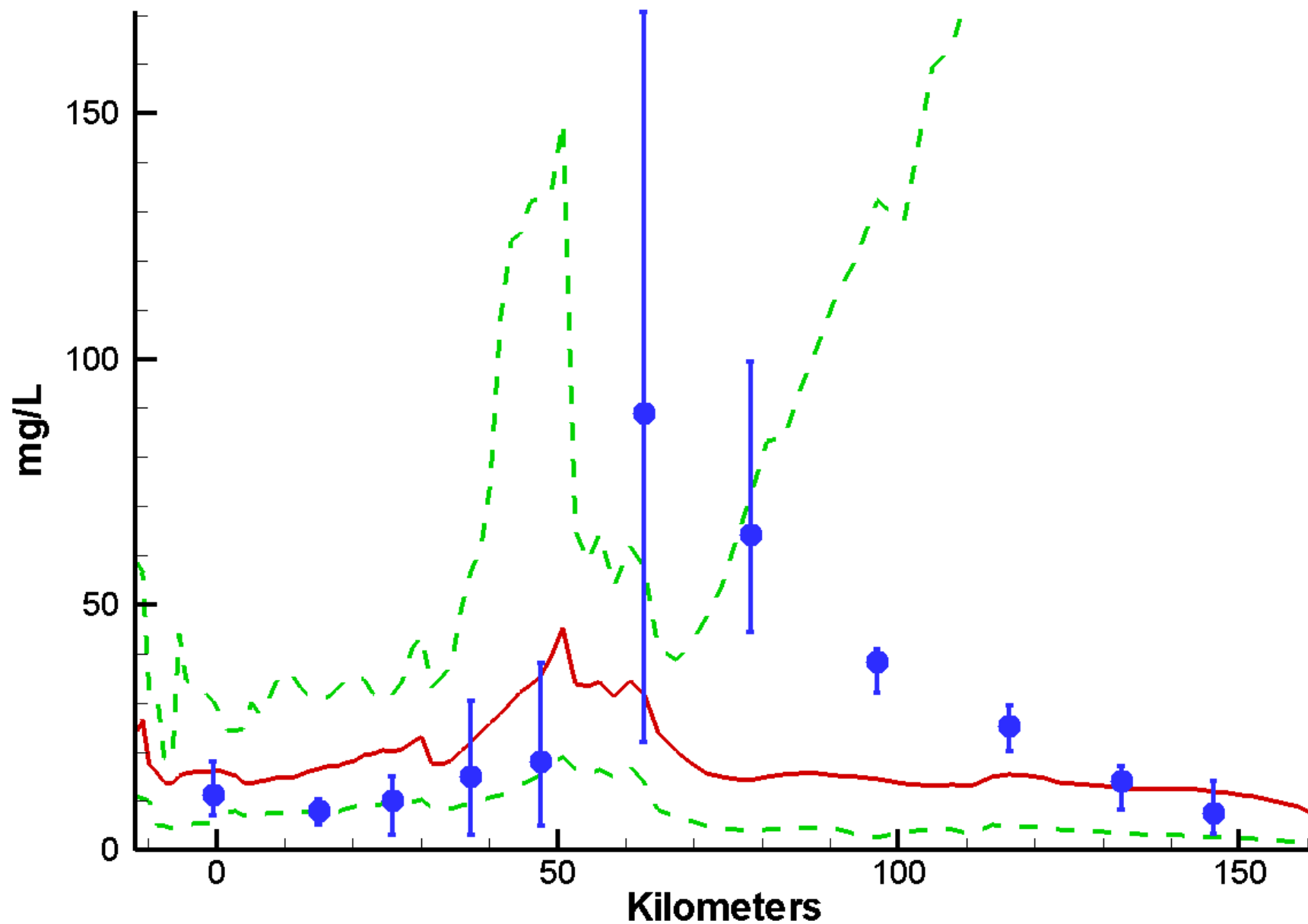
## Surface Total Phosphorus Spring 1996





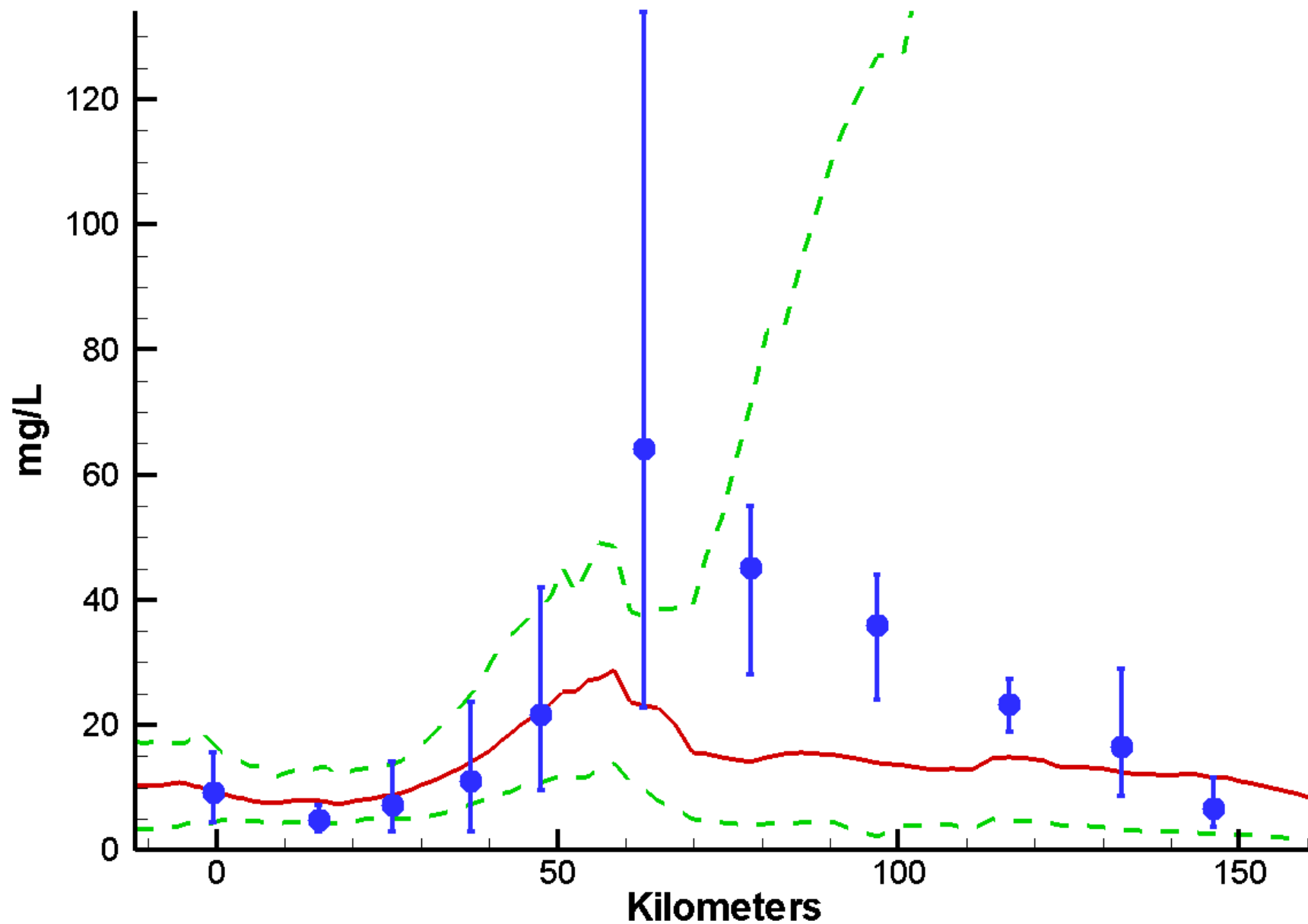
# Rappahannock River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1996



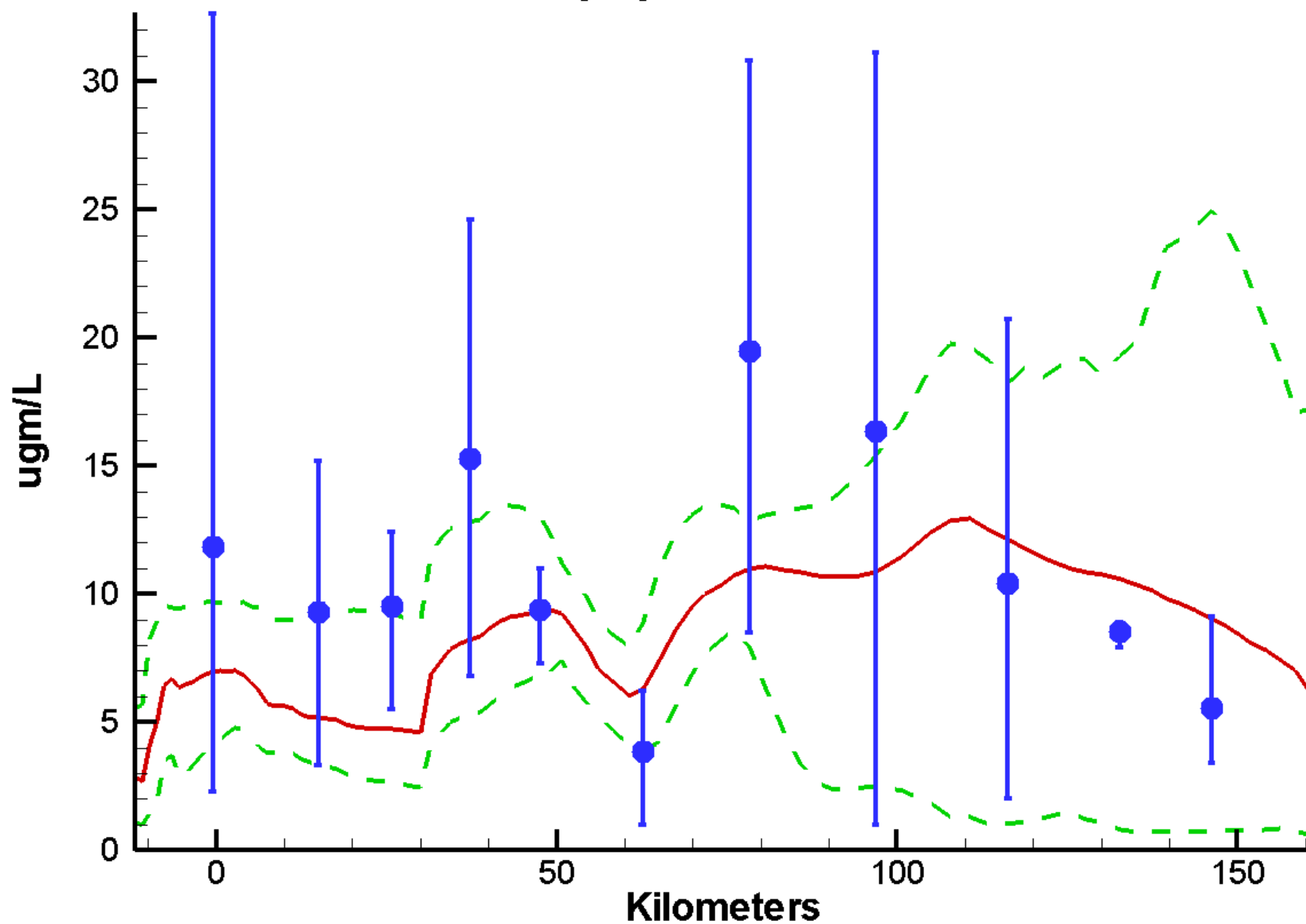
# Rappahannock River Ches2015 Run118

## Surface Total Suspended Solids Spring 1996



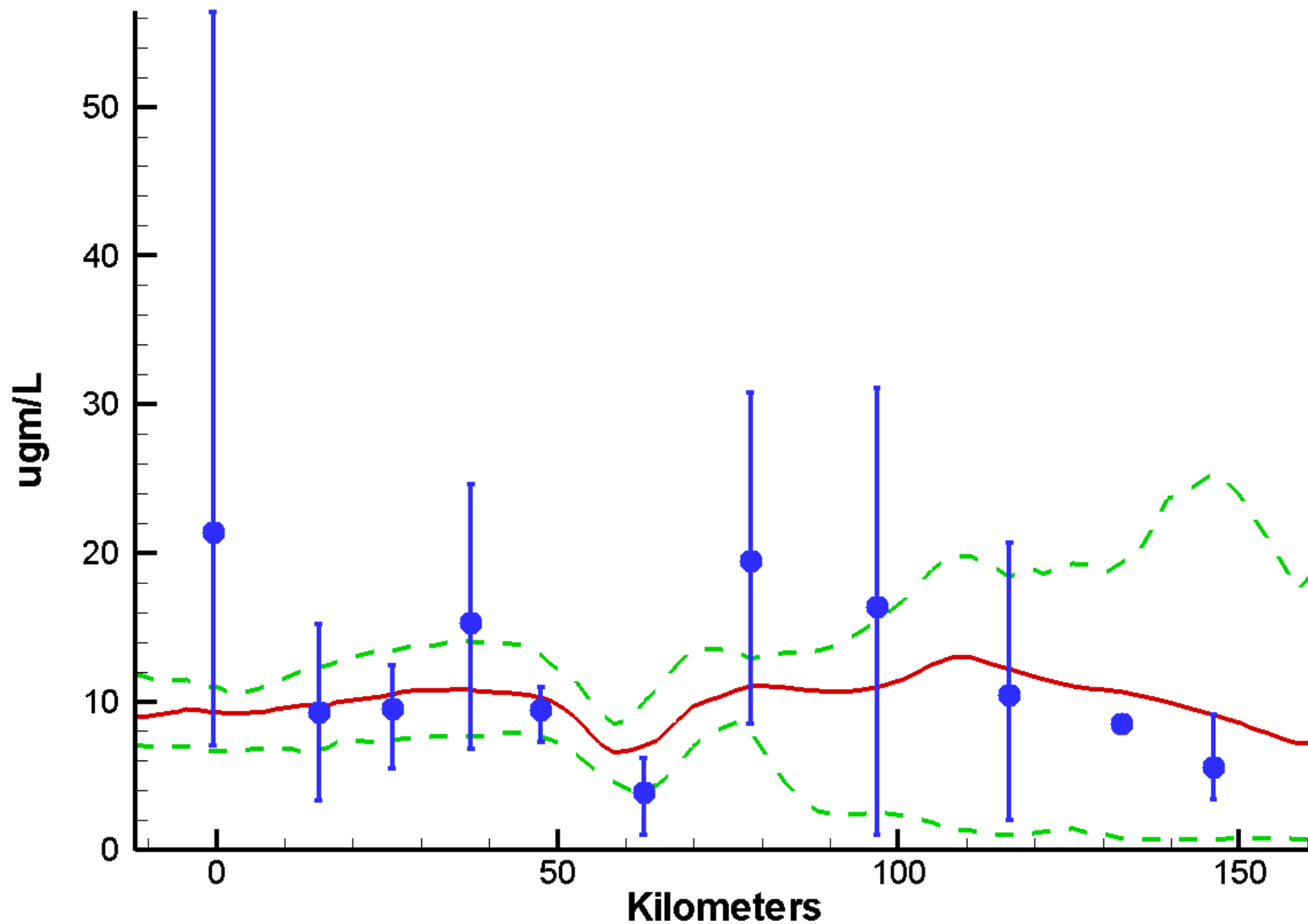
# Rappahannock River Ches2015 Run118

## Bottom Chlorophyll Summer 1996



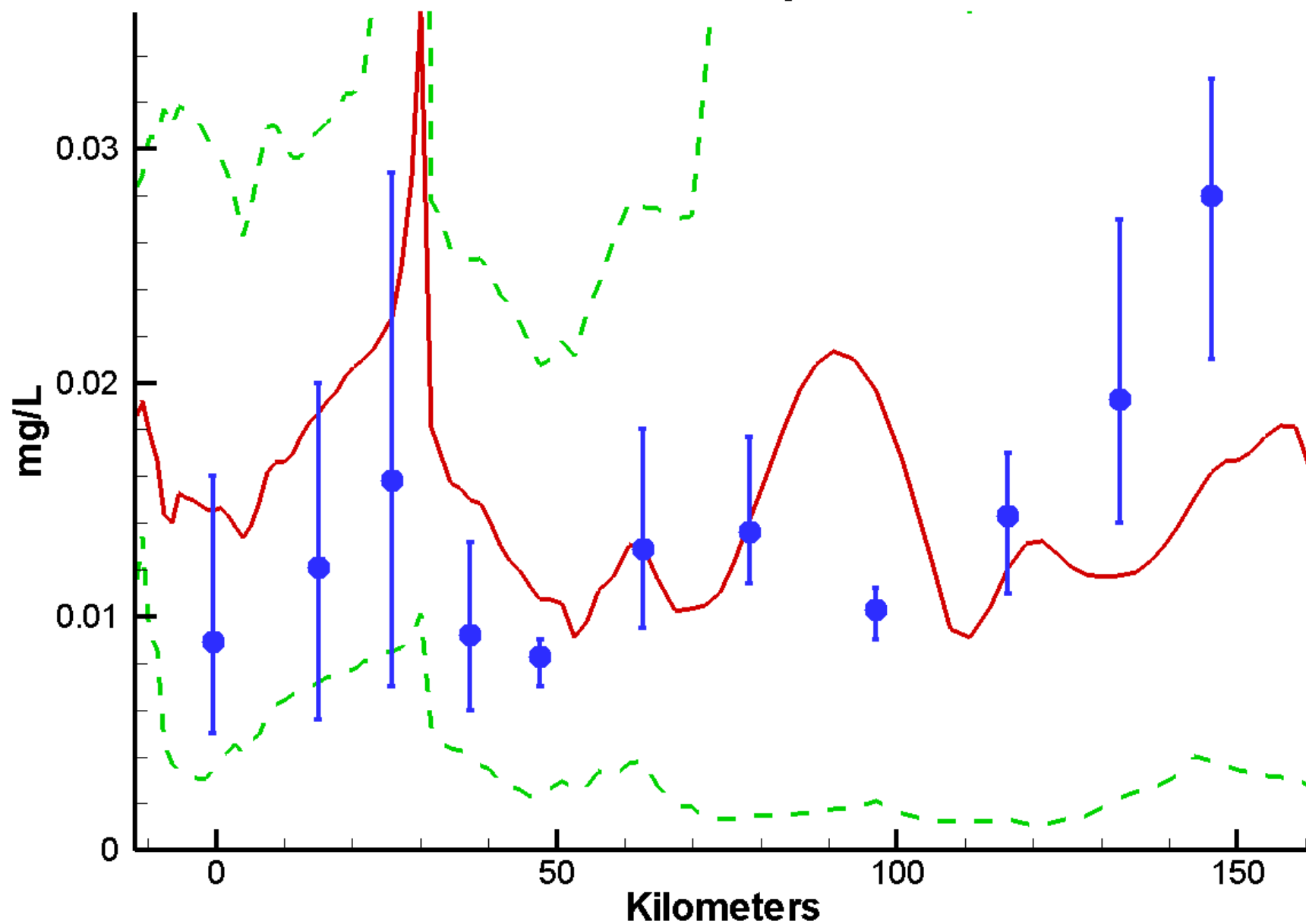
# Rappahannock River Ches2015 Run118

## Surface Chlorophyll Summer 1996



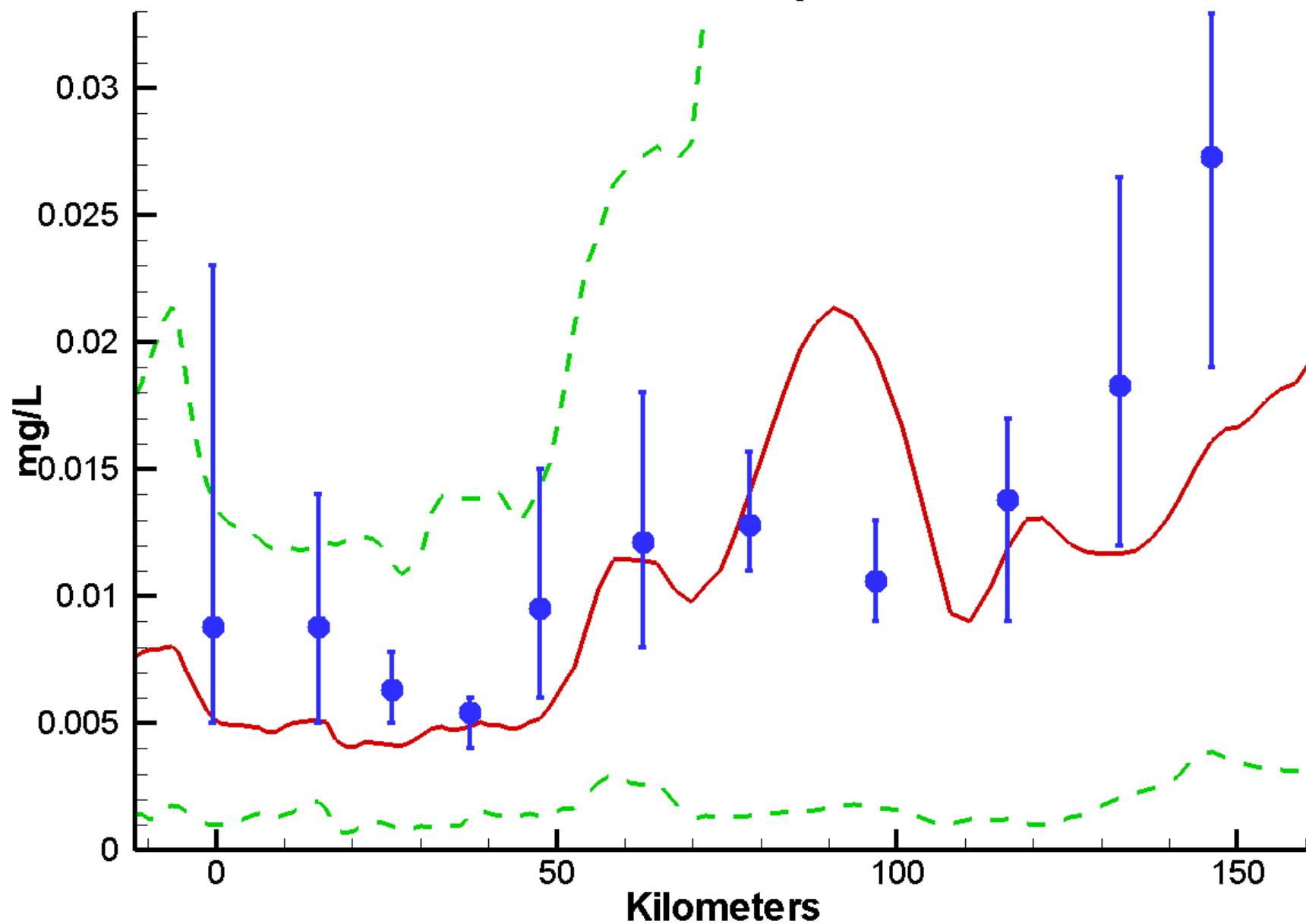
# Rappahannock River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1996



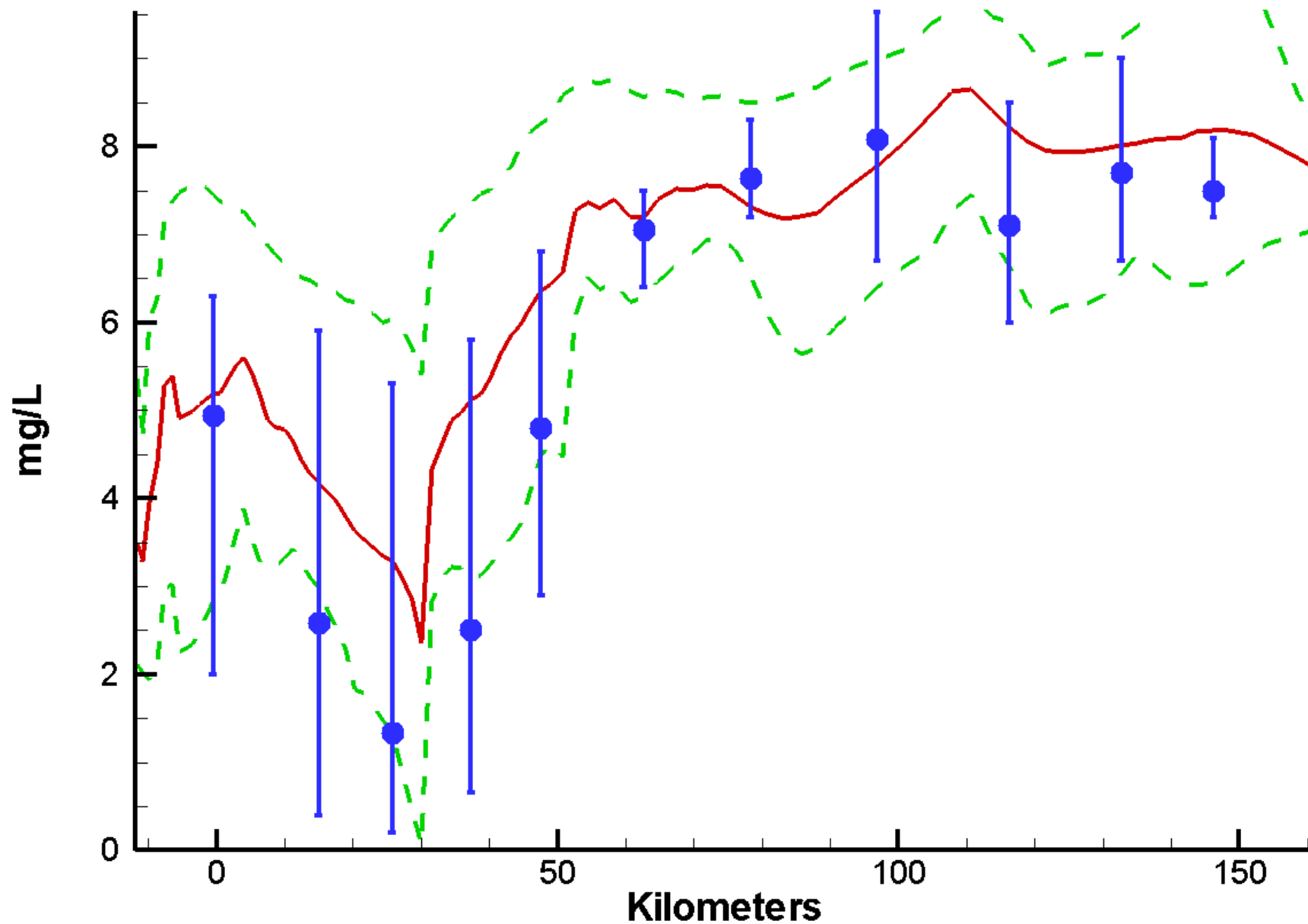
# Rappahannock River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1996

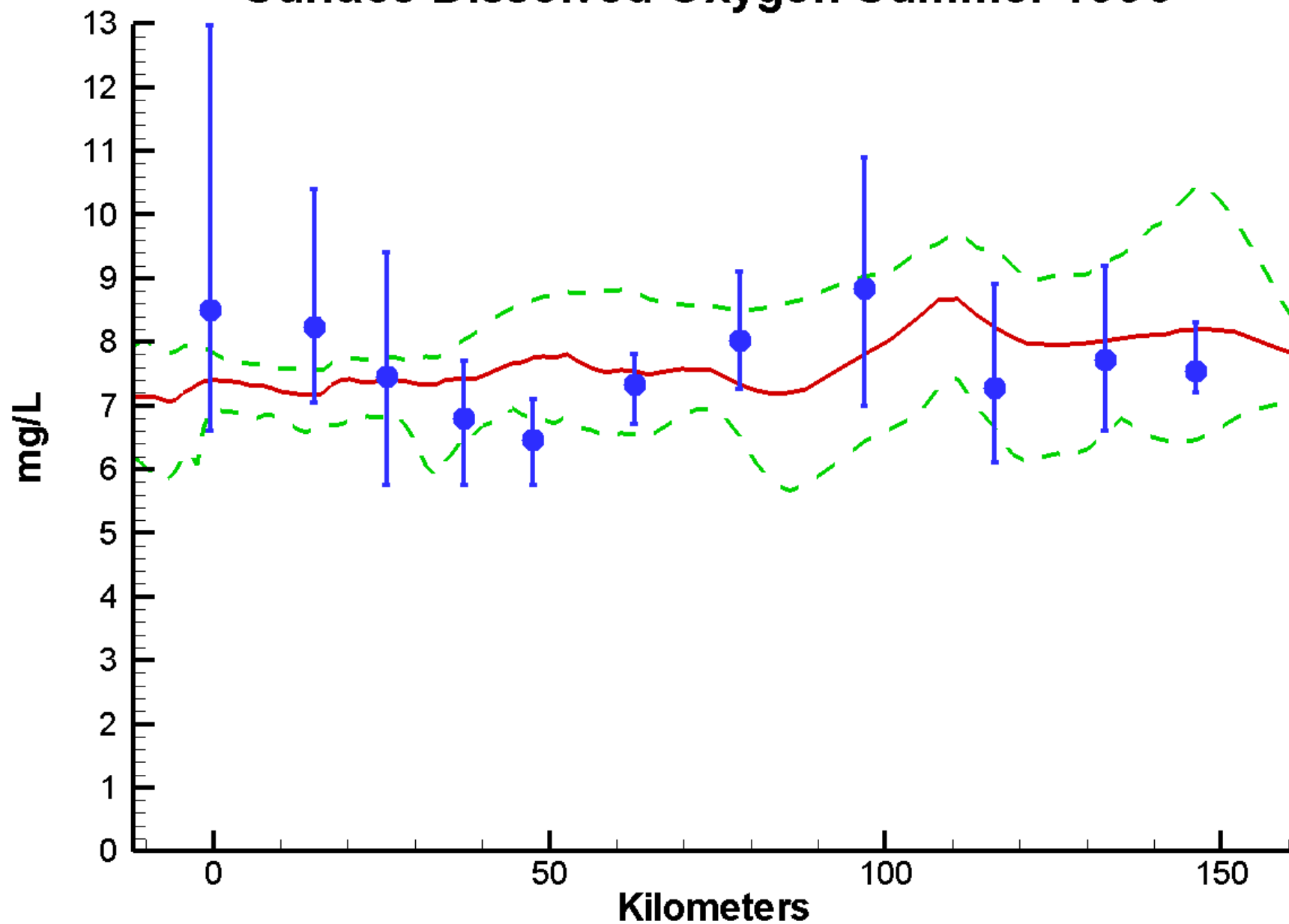


# Rappahannock River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1996



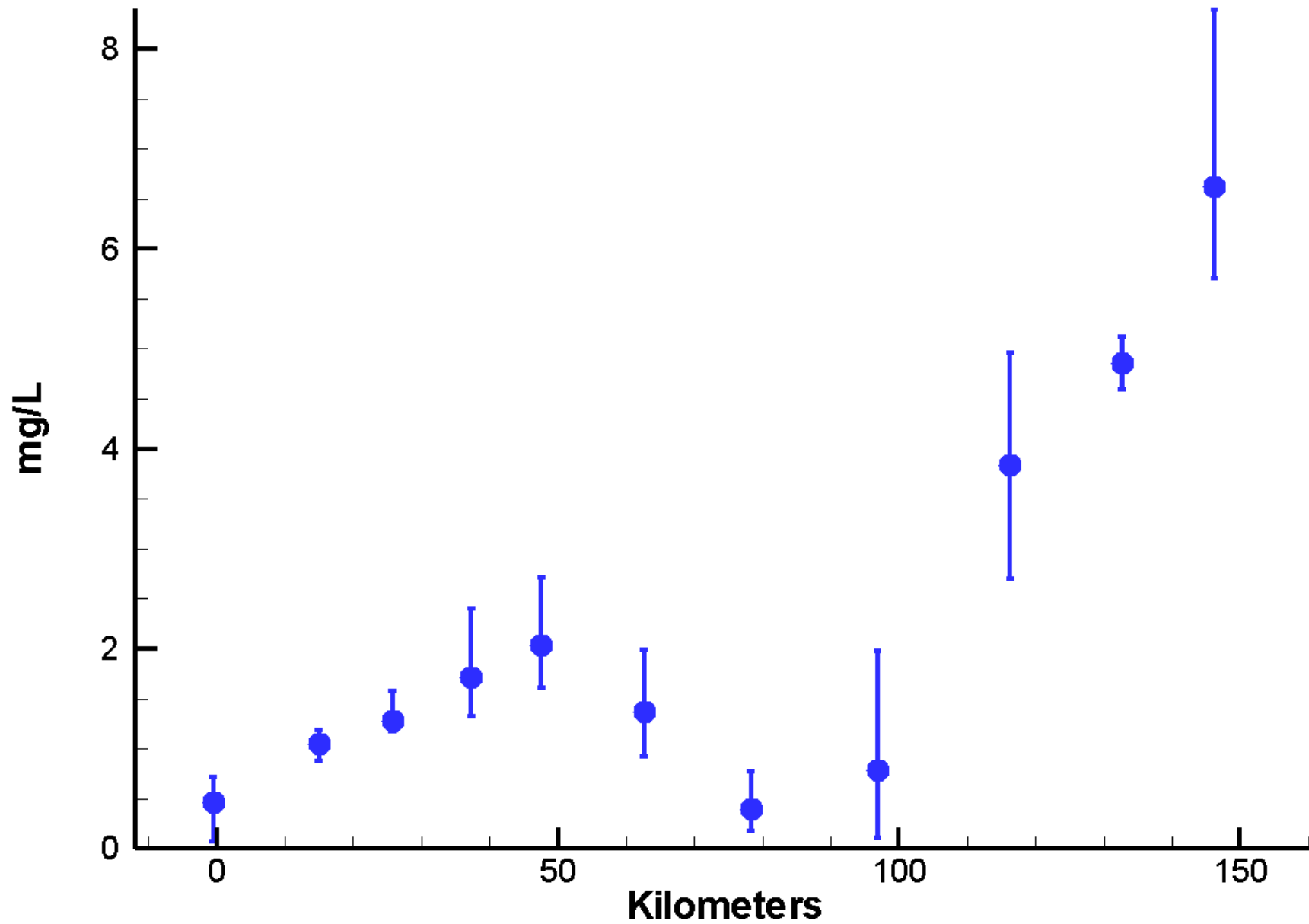
# Rappahannock River Ches2015 Run118 Surface Dissolved Oxygen Summer 1996



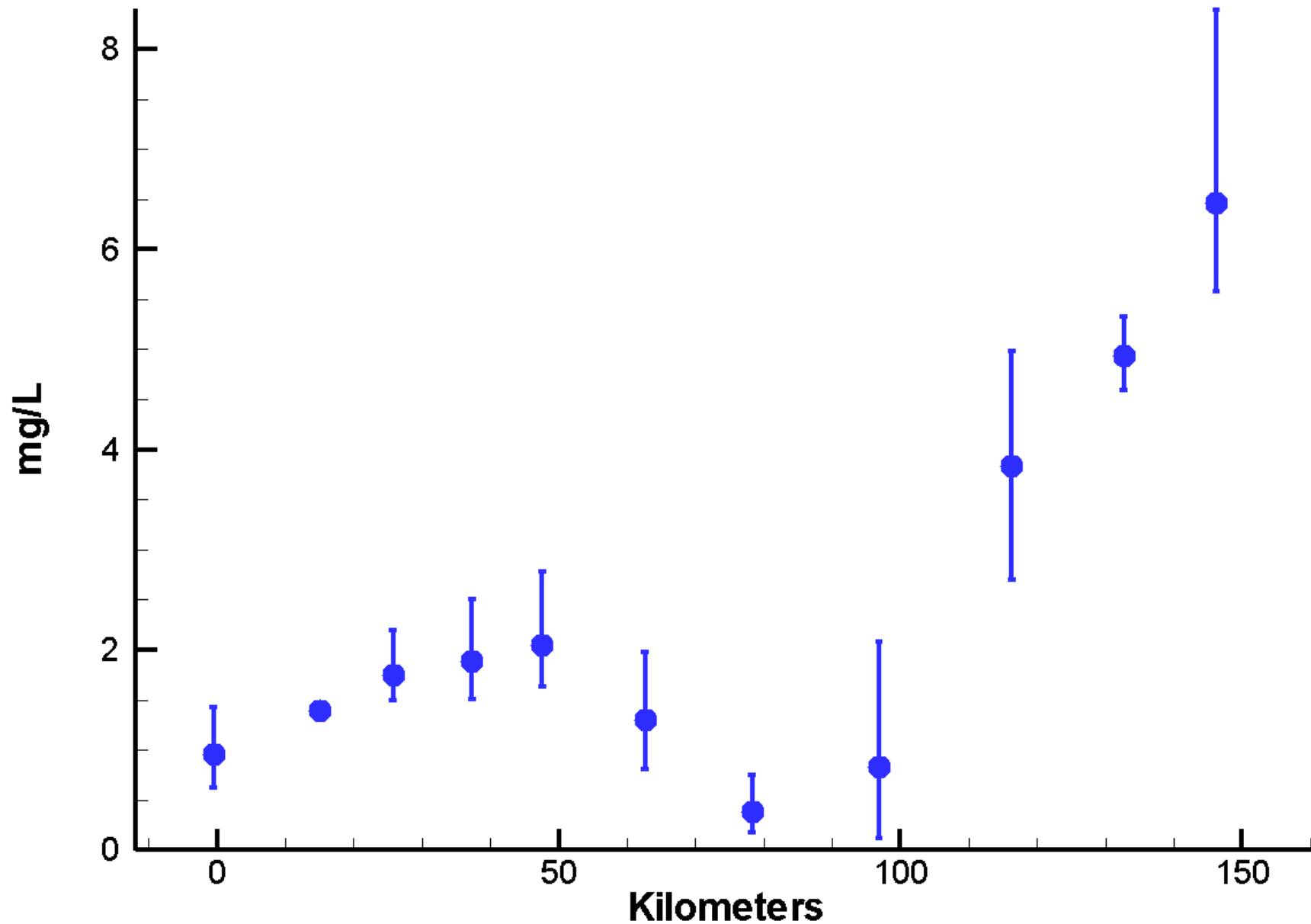


# Rappahannock River Ches2015 Run118

## Bottom Dissolved Silica Summer 1996

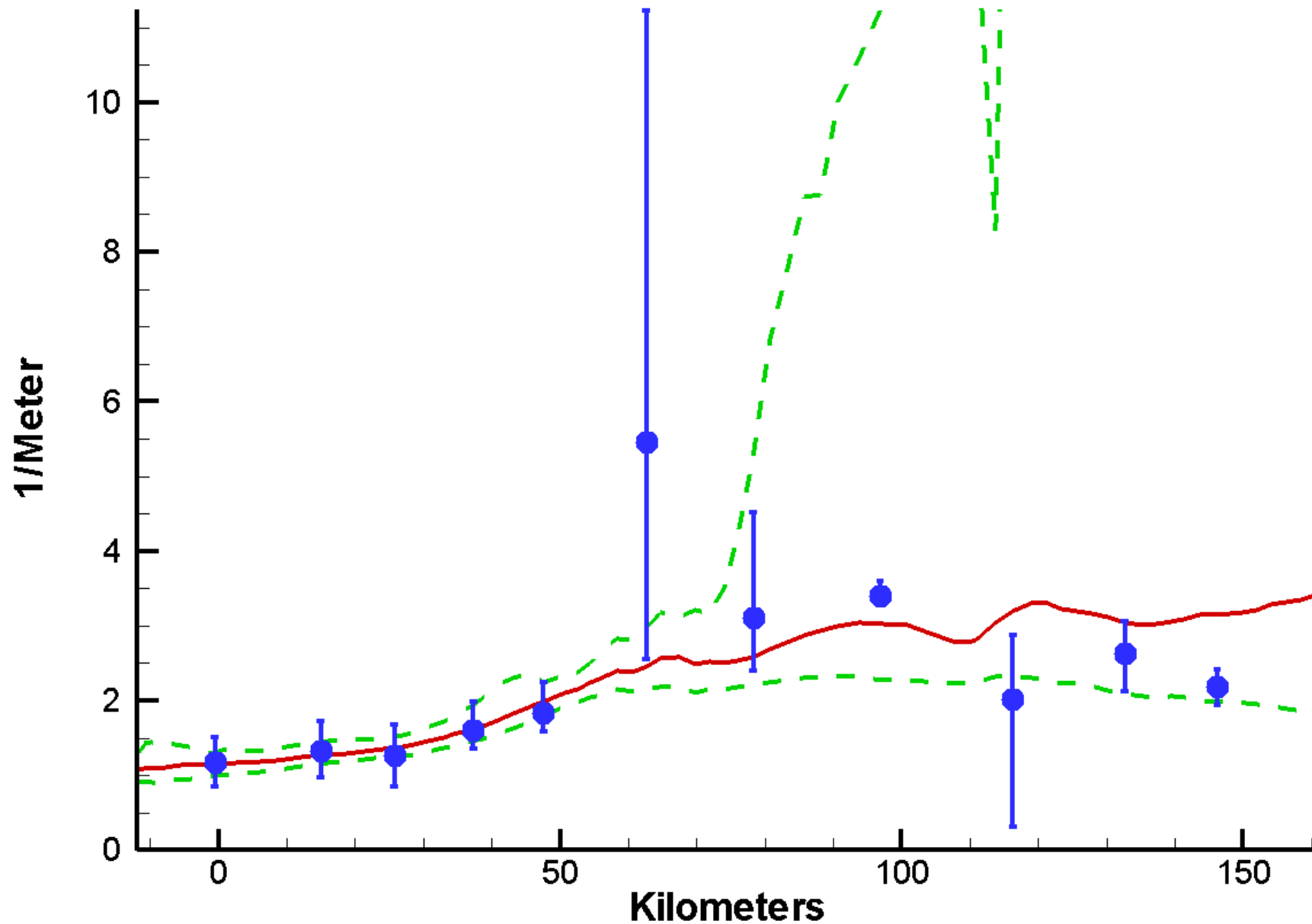


# Rappahannock River Ches2015 Run118 Surface Dissolved Silica Summer 1996



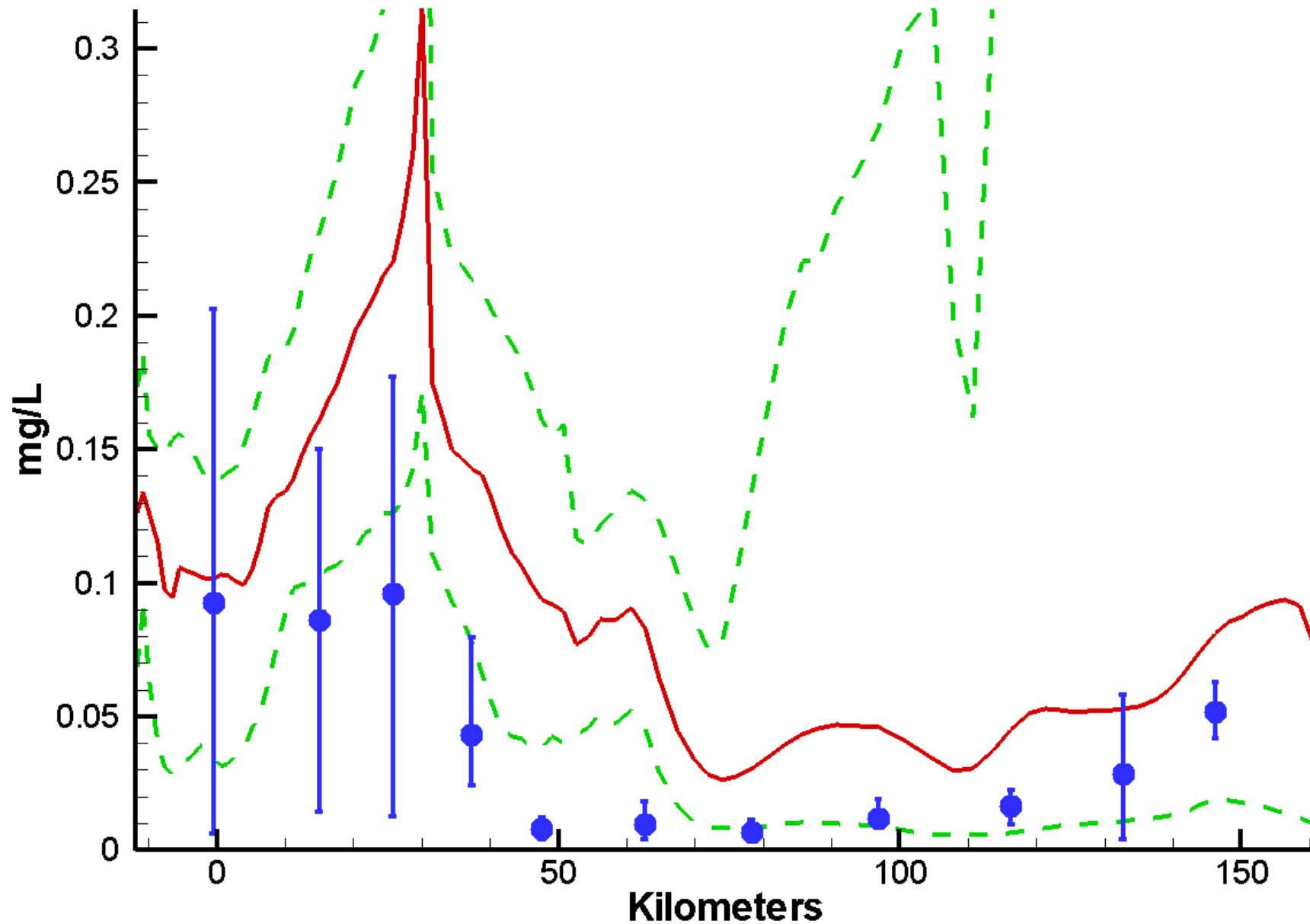
# Rappahannock River Ches2015 Run118

## Surface Light Extinction Summer 1996



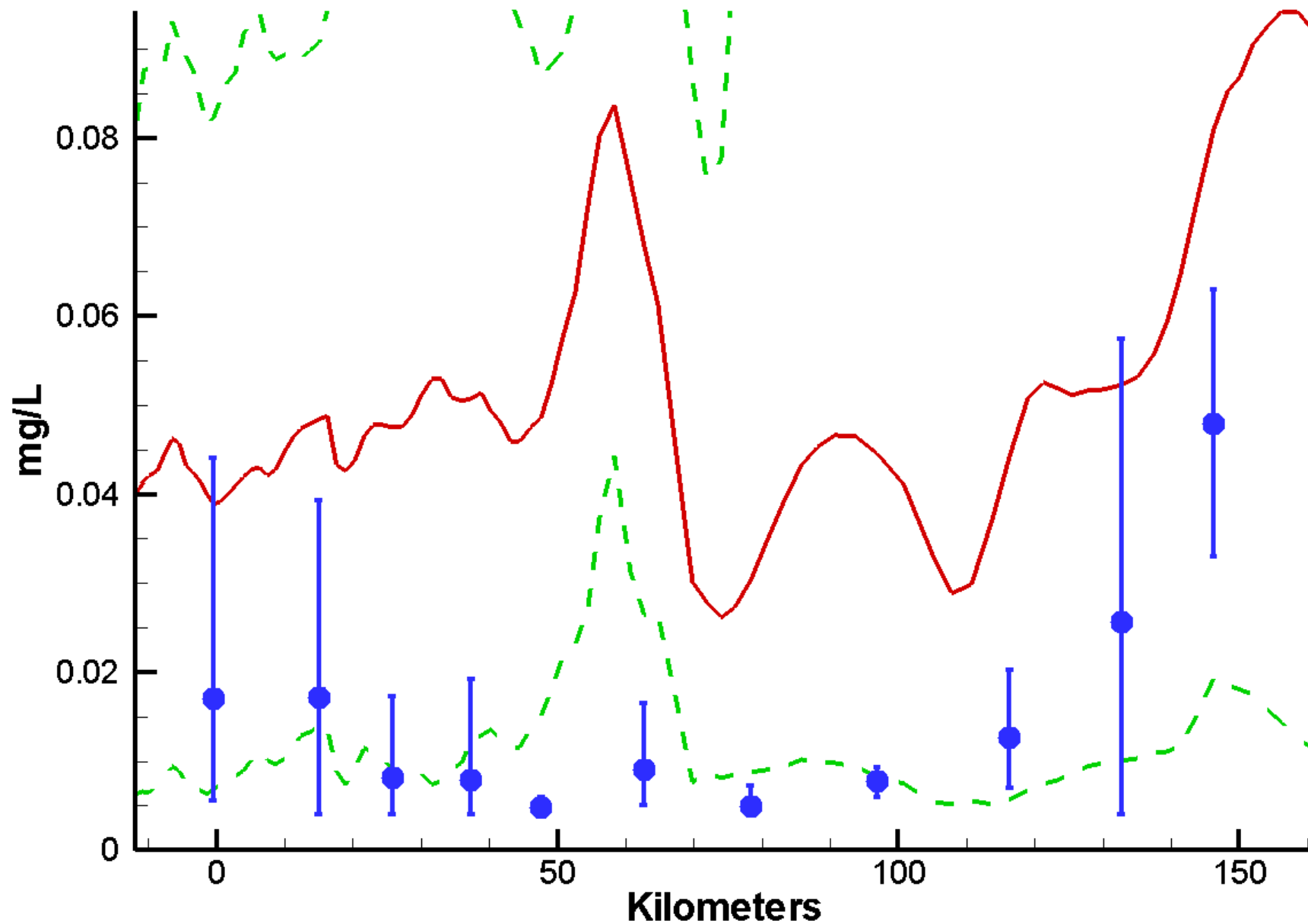
# Rappahannock River Ches2015 Run118

## Bottom Ammonium Summer 1996



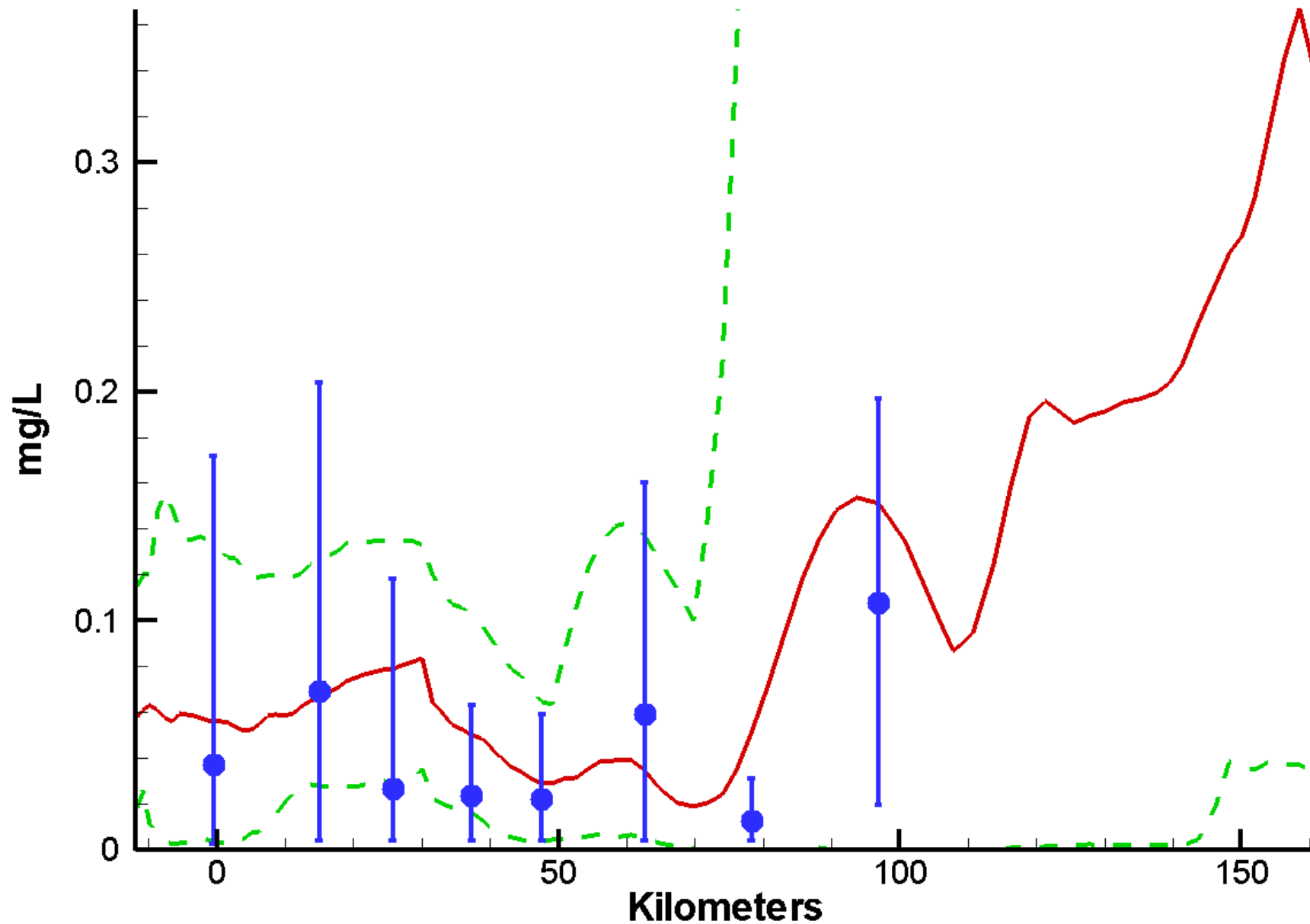
# Rappahannock River Ches2015 Run118

## Surface Ammonium Summer 1996

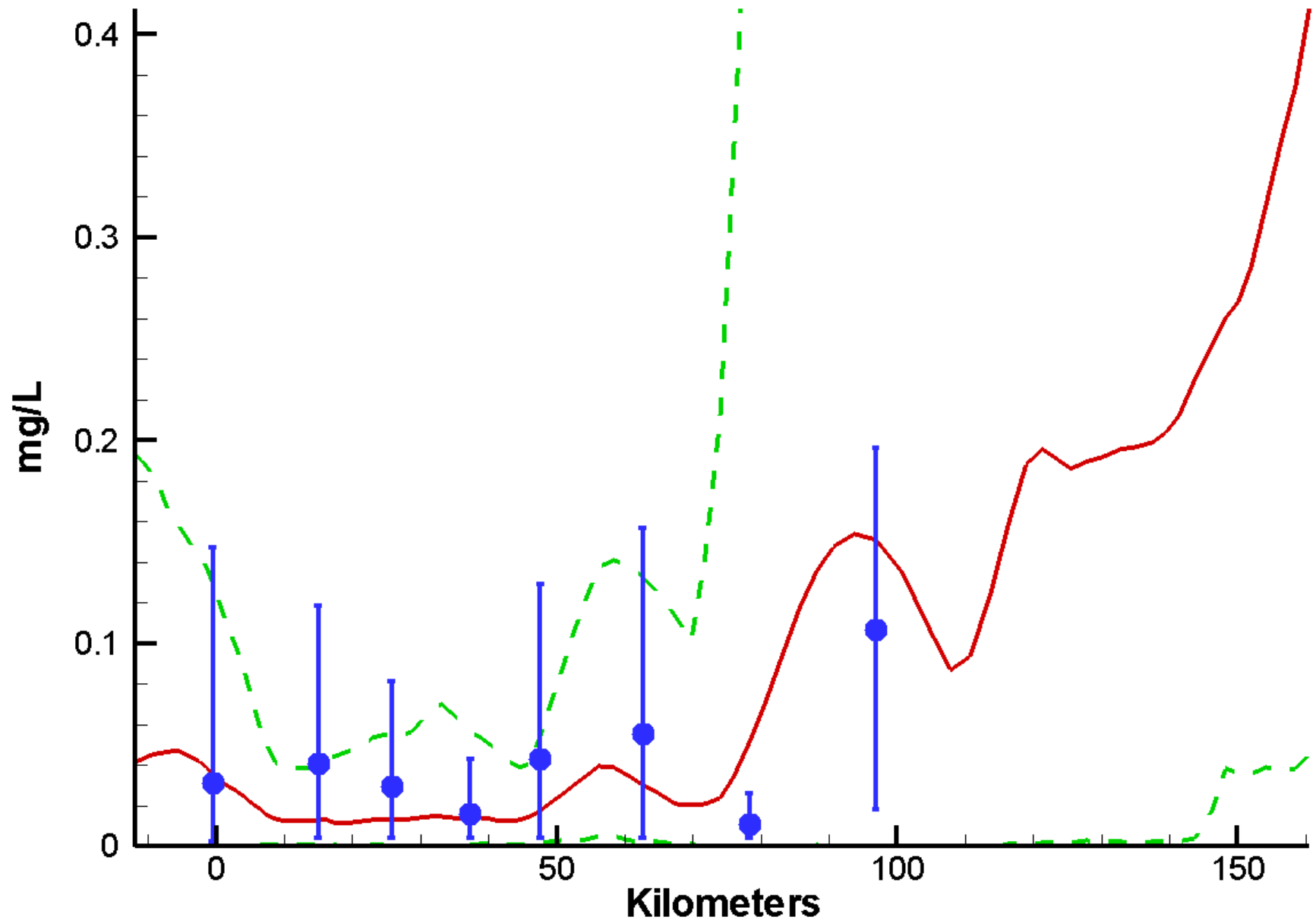


# Rappahannock River Ches2015 Run118

## Bottom Nitrate Summer 1996

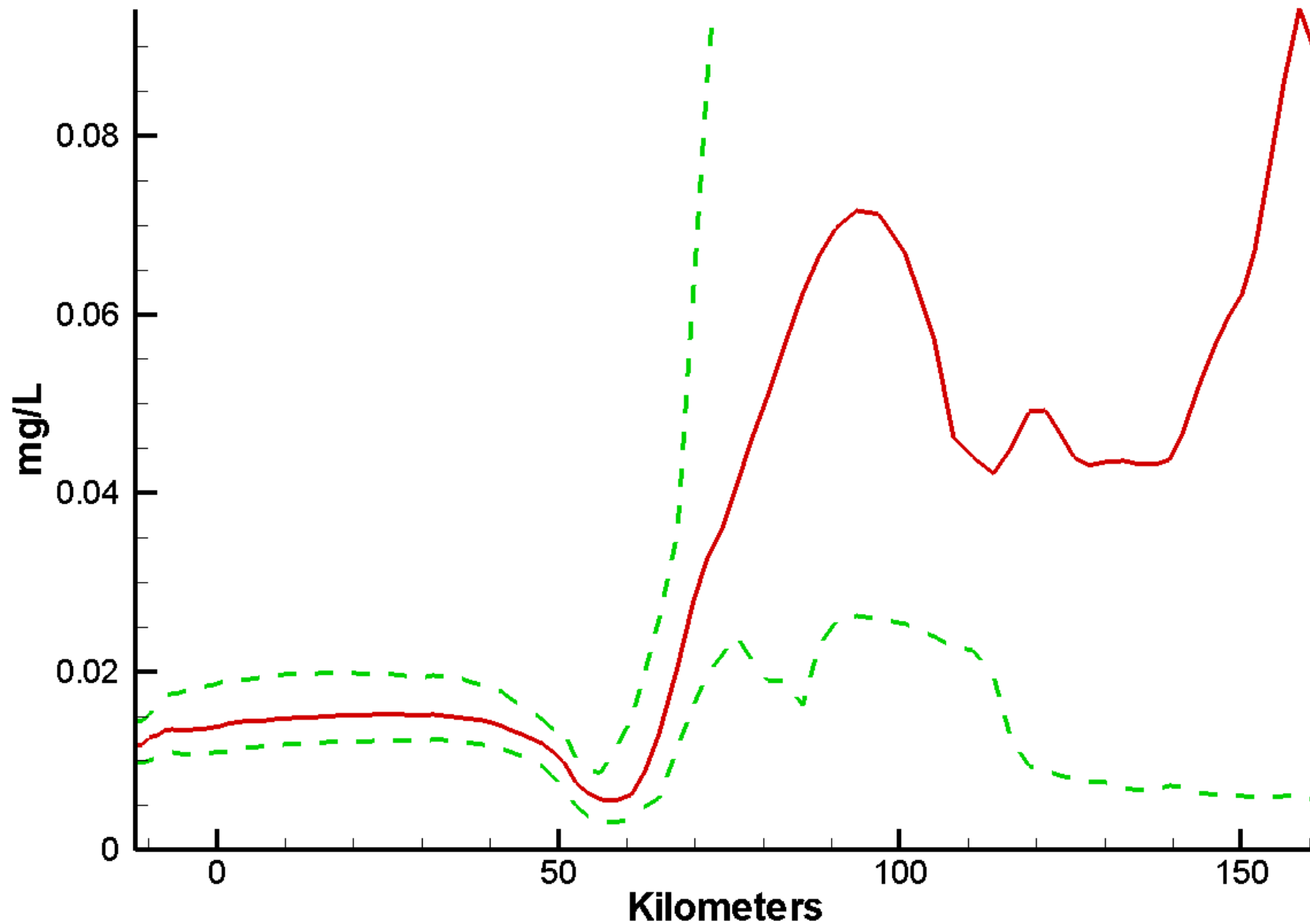


# Rappahannock River Ches2015 Run118 Surface Nitrate Summer 1996



# Rappahannock River Ches2015 Run118

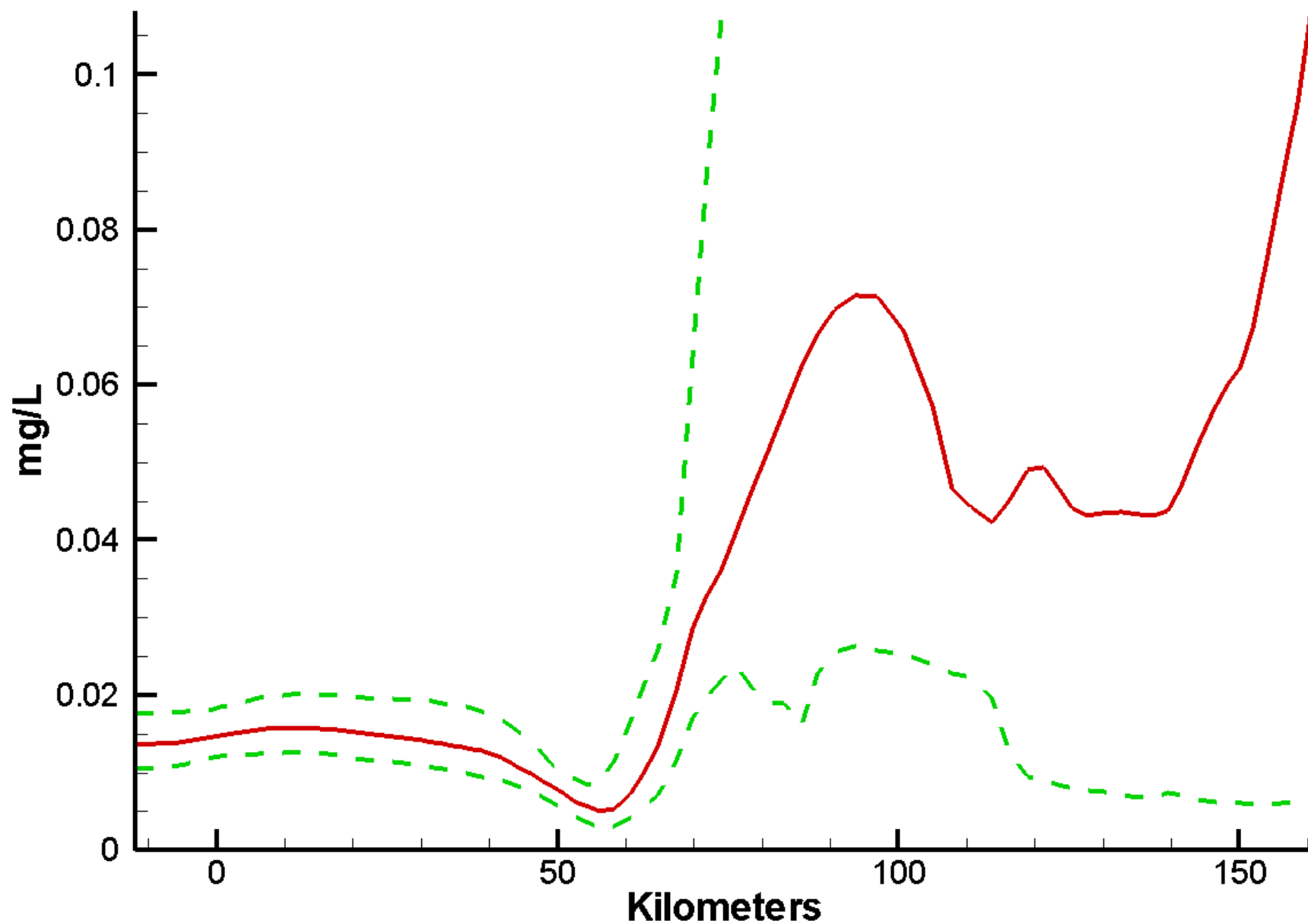
## Bottom Particulate Inorganic Phosphorus Summer 1999





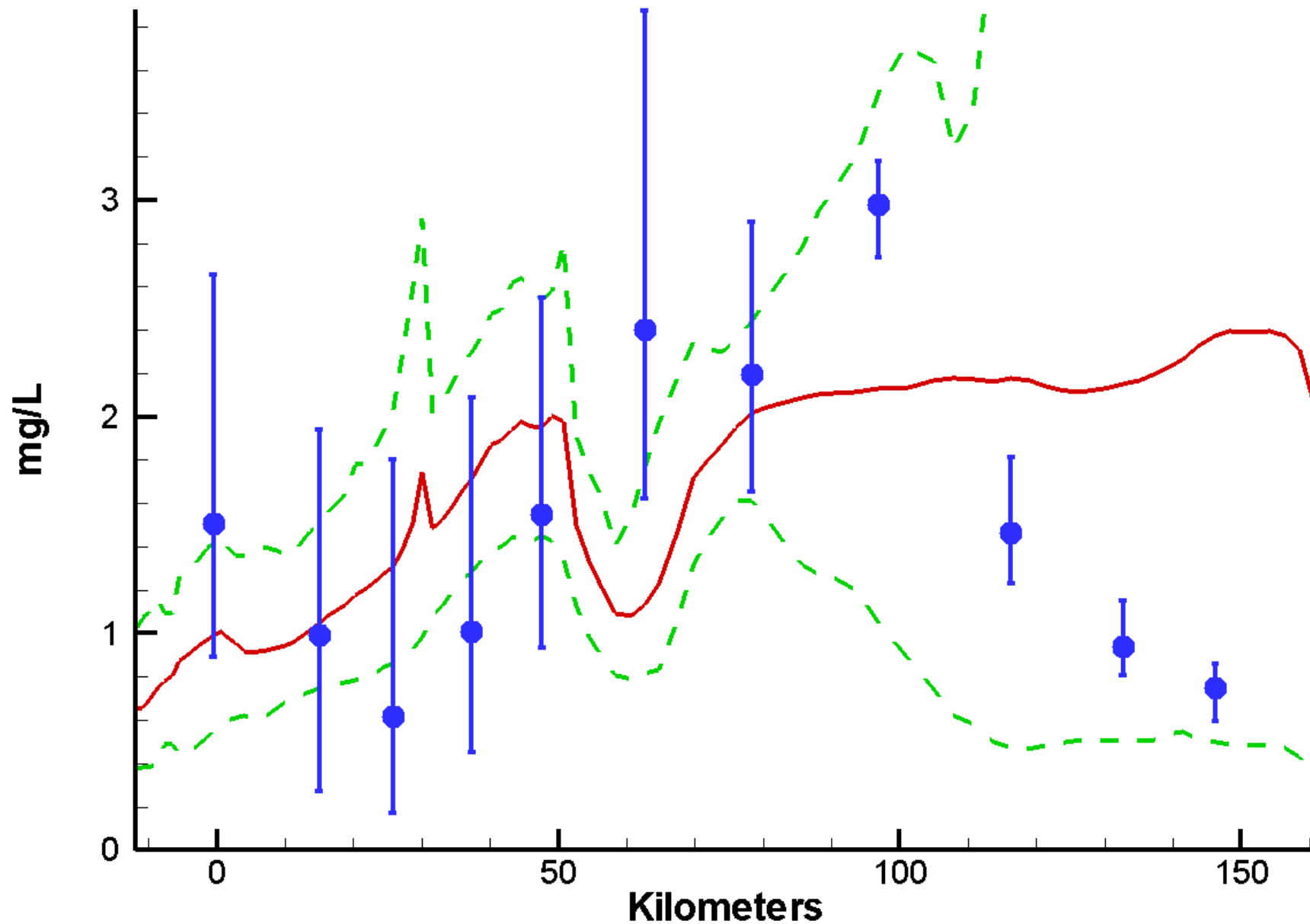
# Rappahannock River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



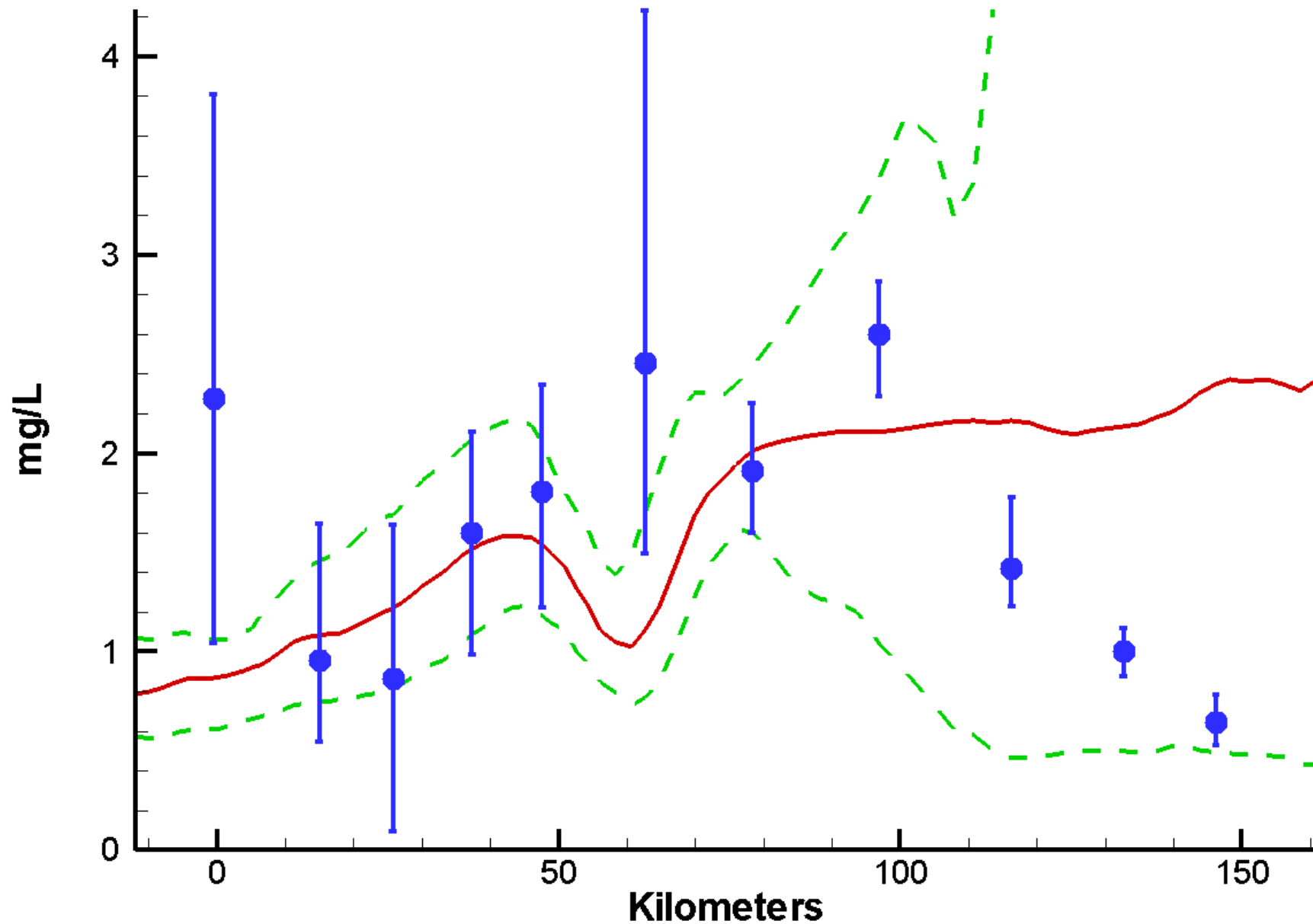
# Rappahannock River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1996



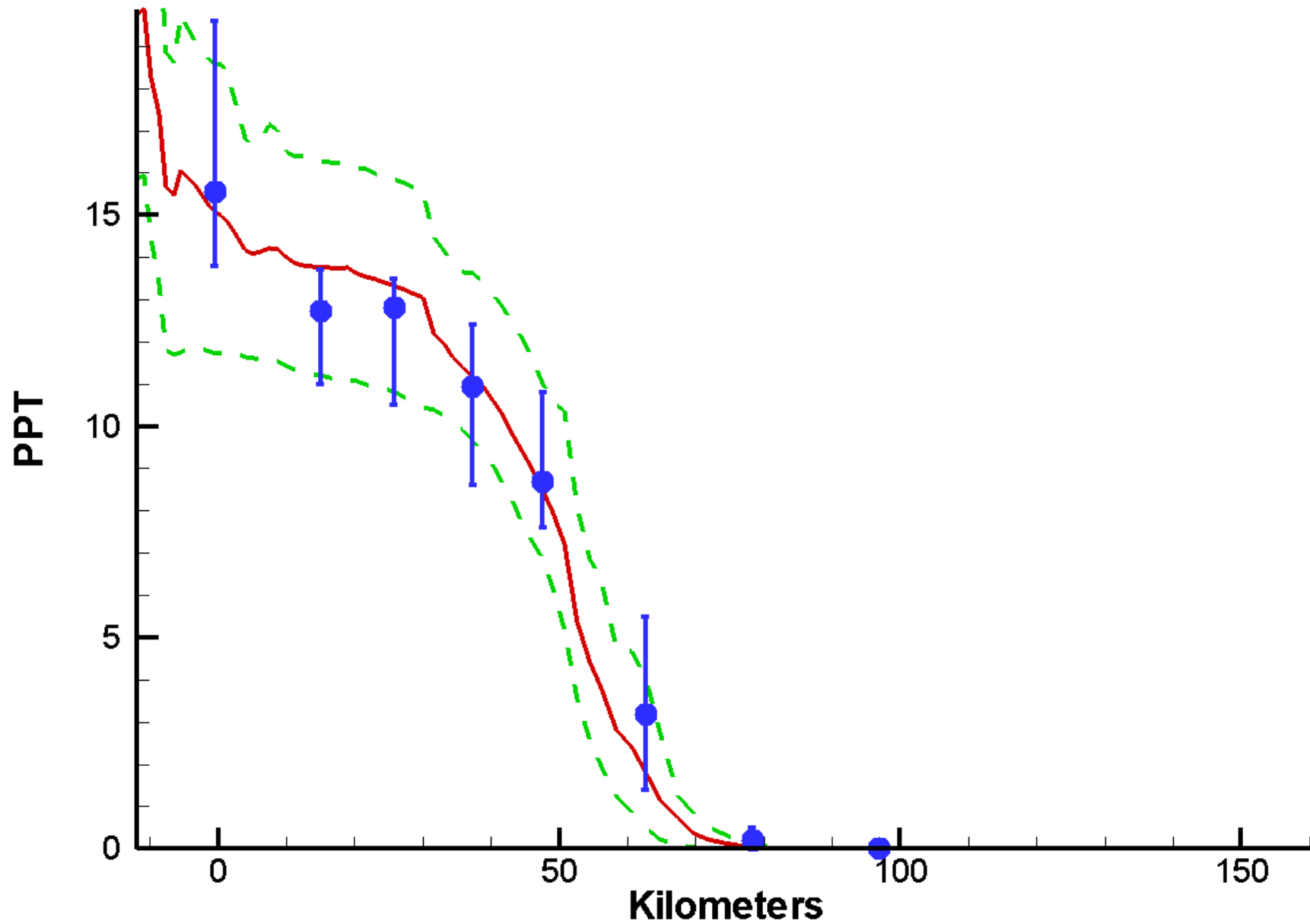
# Rappahannock River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1996



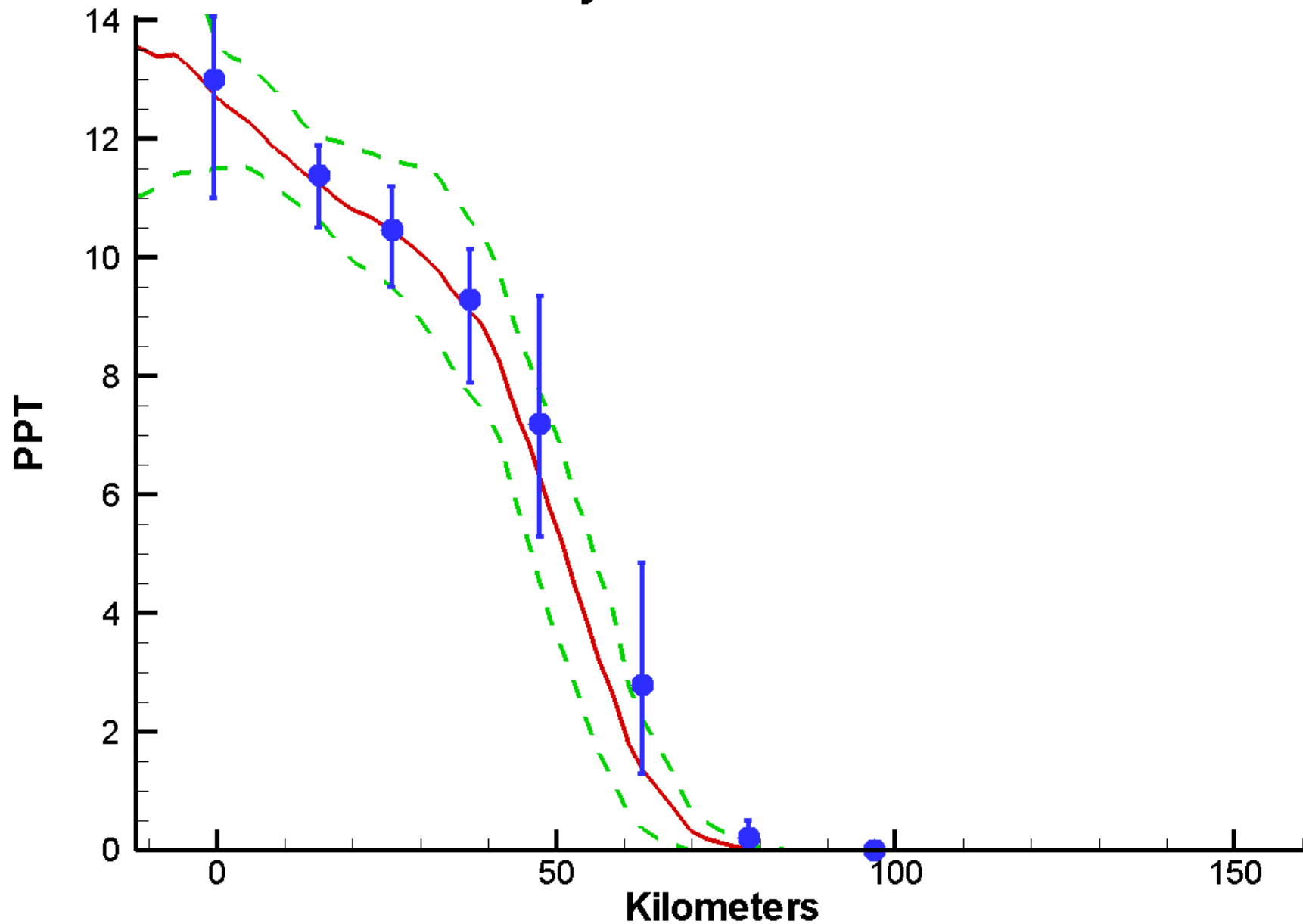
# Rappahannock River Ches2015 Run118

## Bottom Salinity Summer 1996



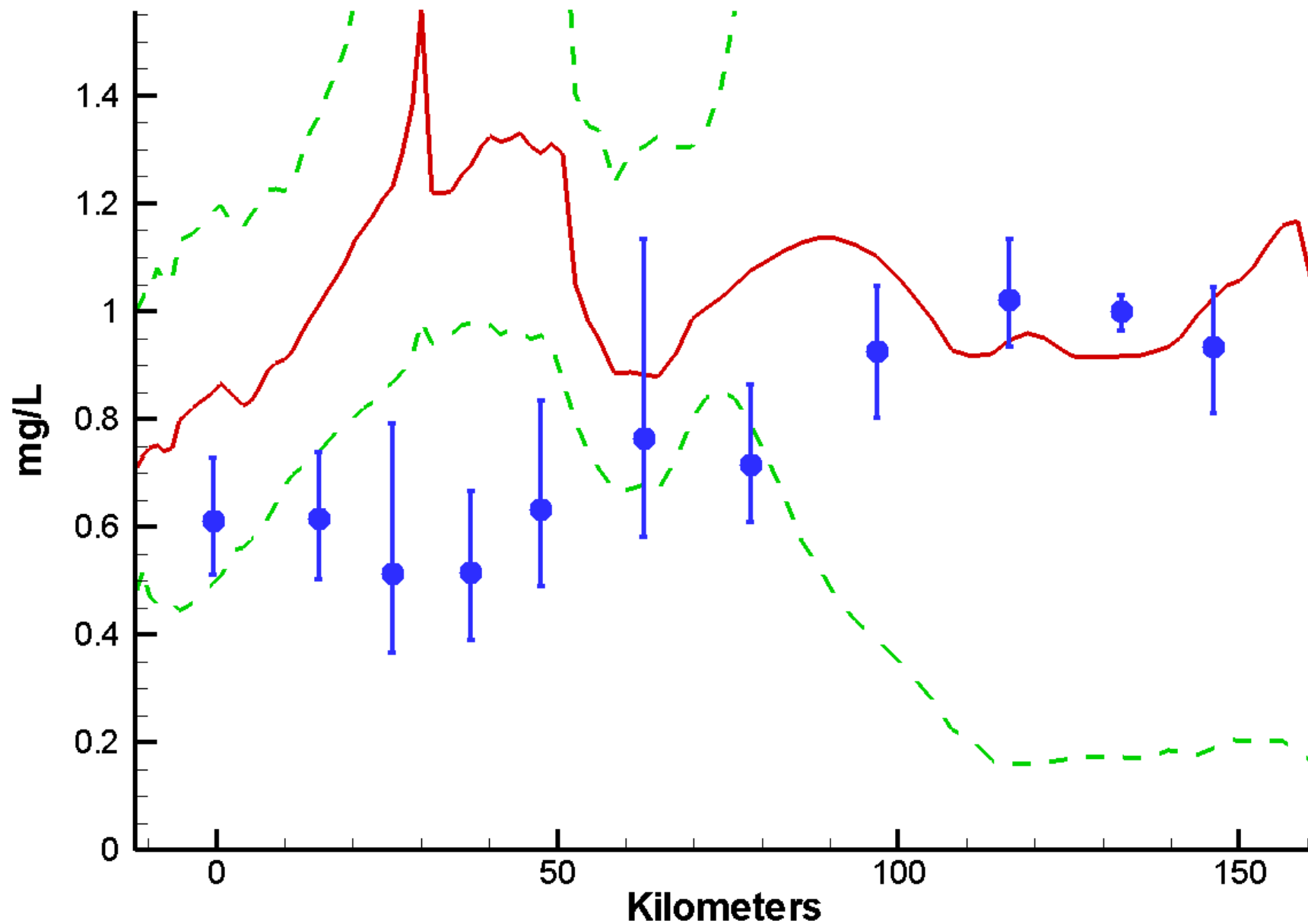
# Rappahannock River Ches2015 Run118

## Surface Salinity Summer 1996



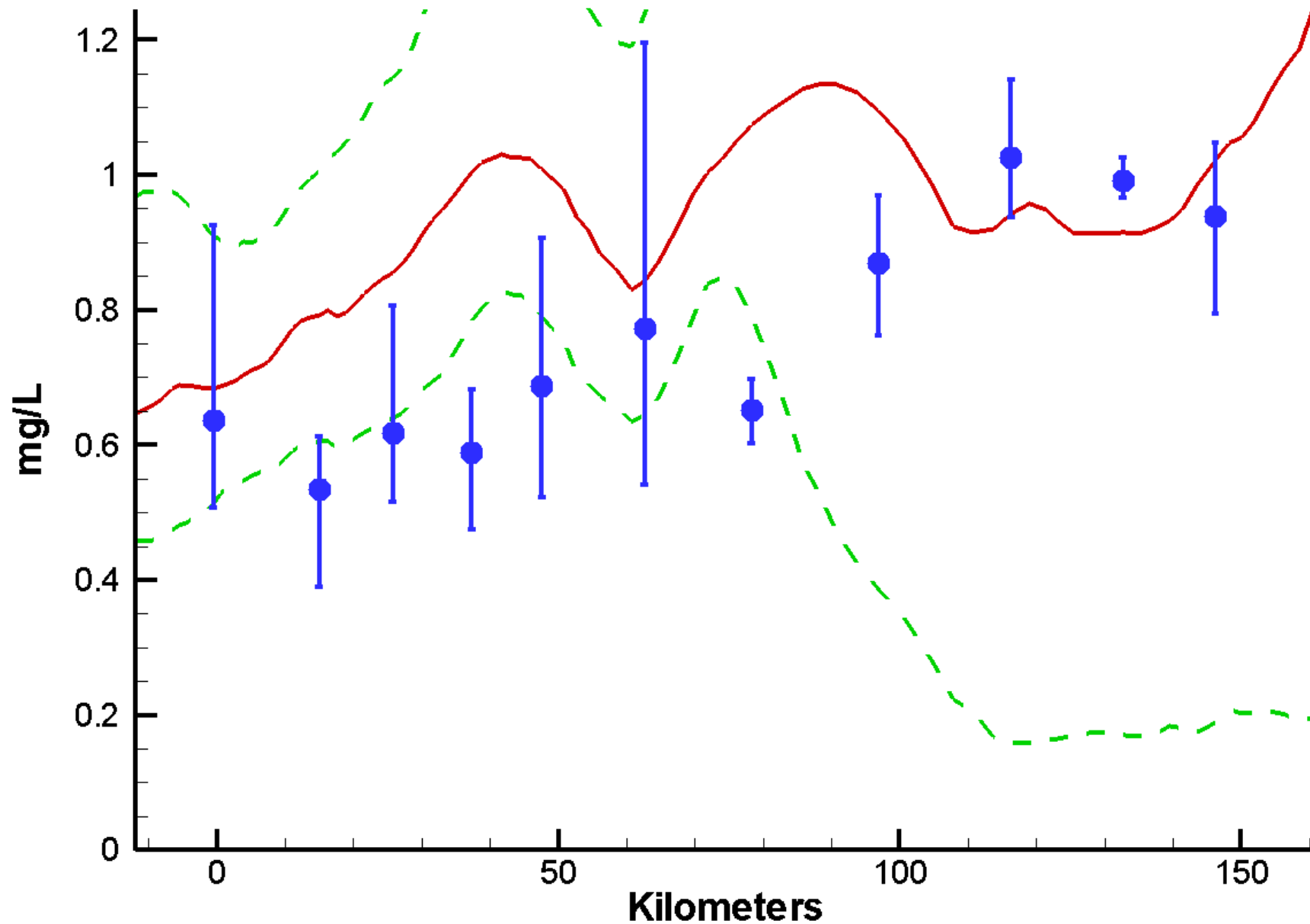
# Rappahannock River Ches2015 Run118

## Bottom Total Nitrogen Summer 1996



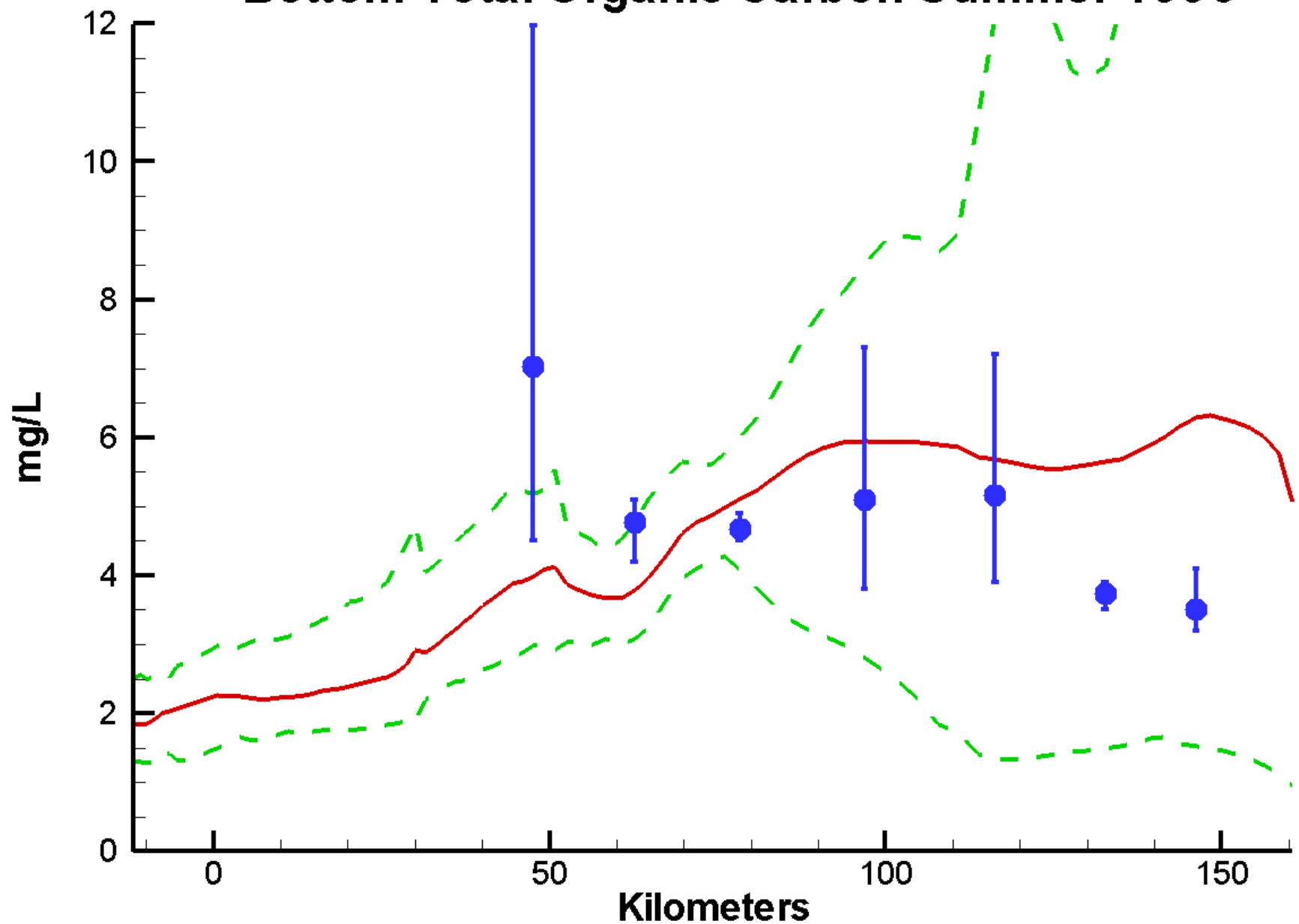
# Rappahannock River Ches2015 Run118

## Surface Total Nitrogen Summer 1996



# Rappahannock River Ches2015 Run118

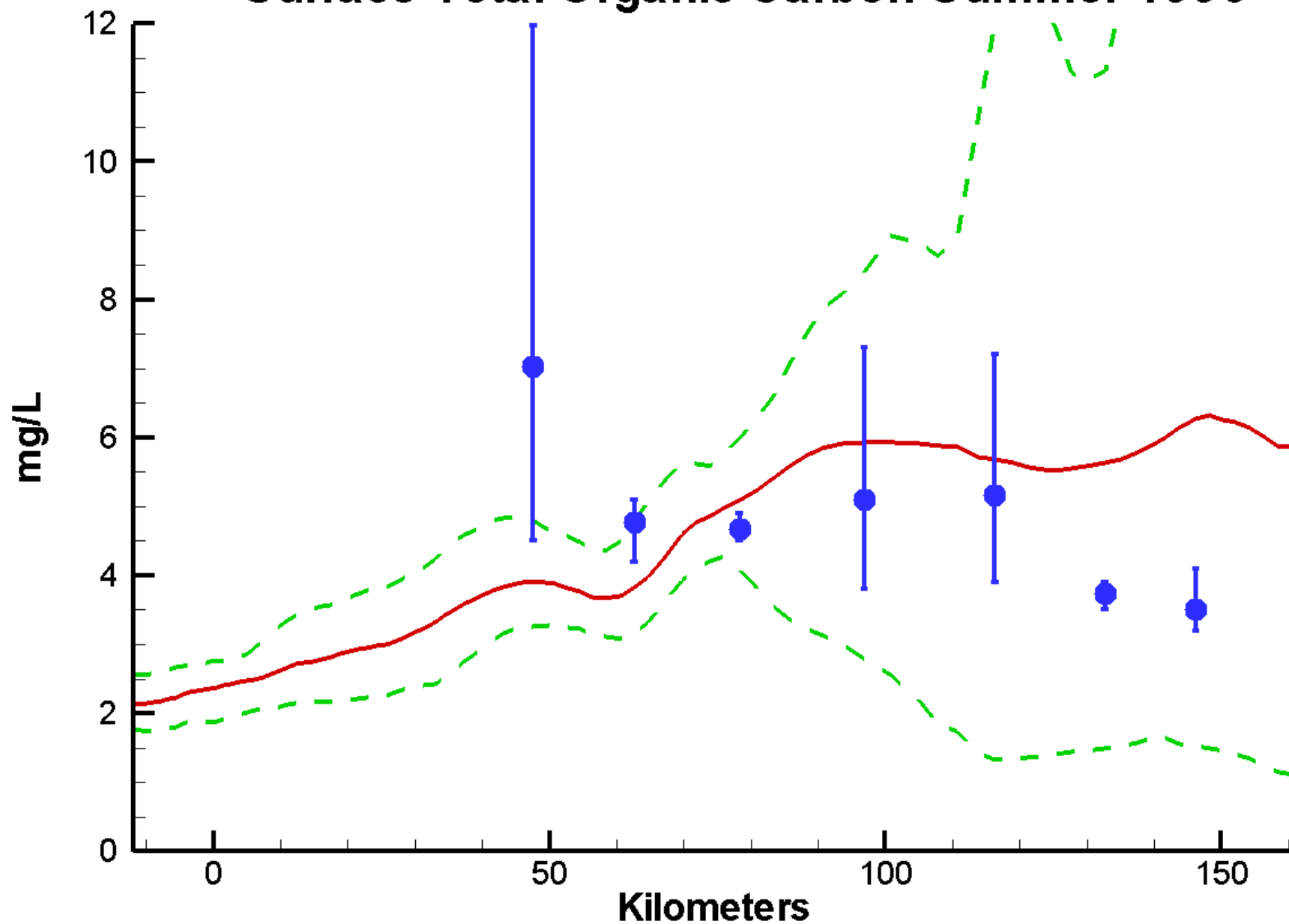
## Bottom Total Organic Carbon Summer 1996





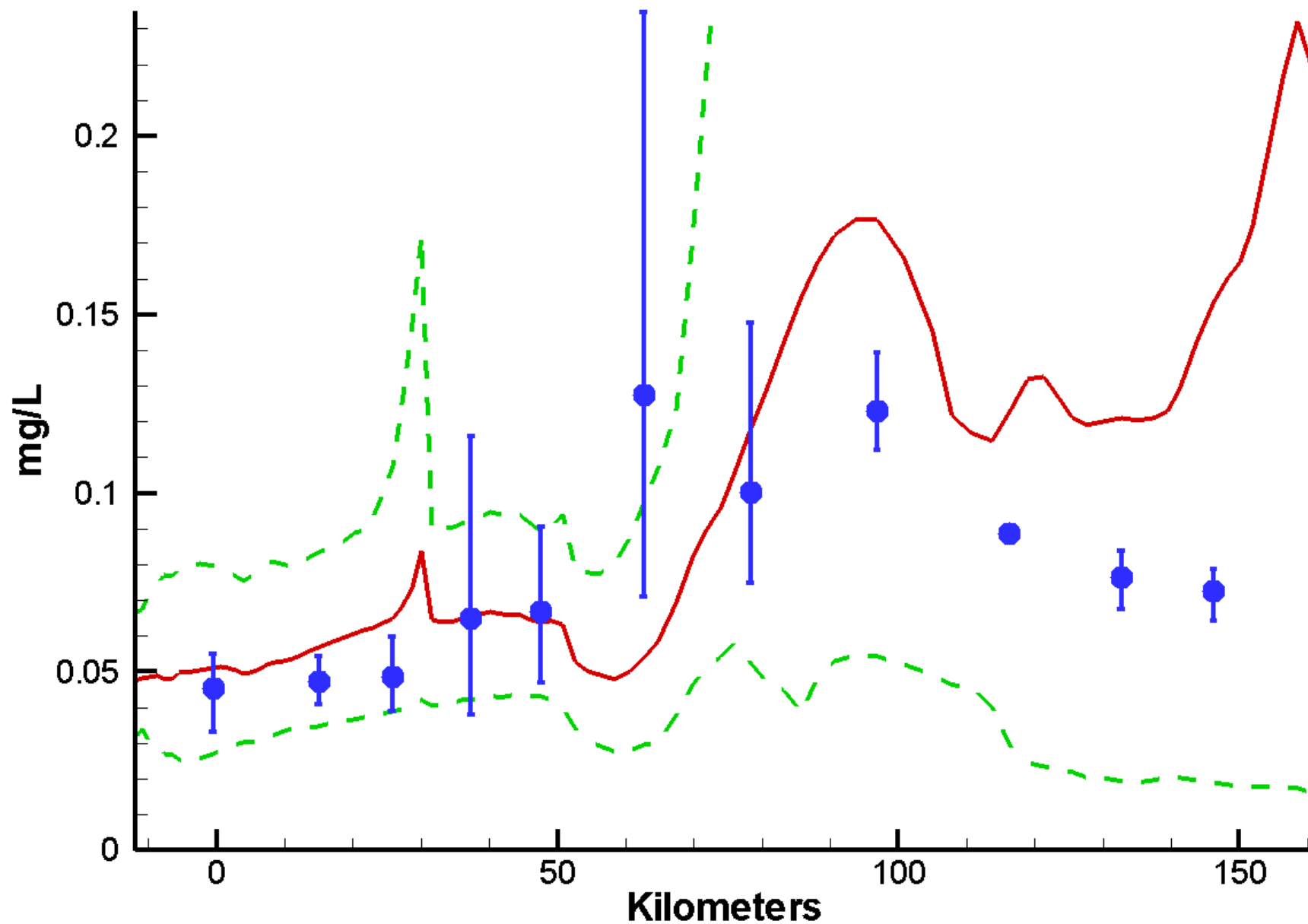
# Rappahannock River Ches2015 Run118

## Surface Total Organic Carbon Summer 1996

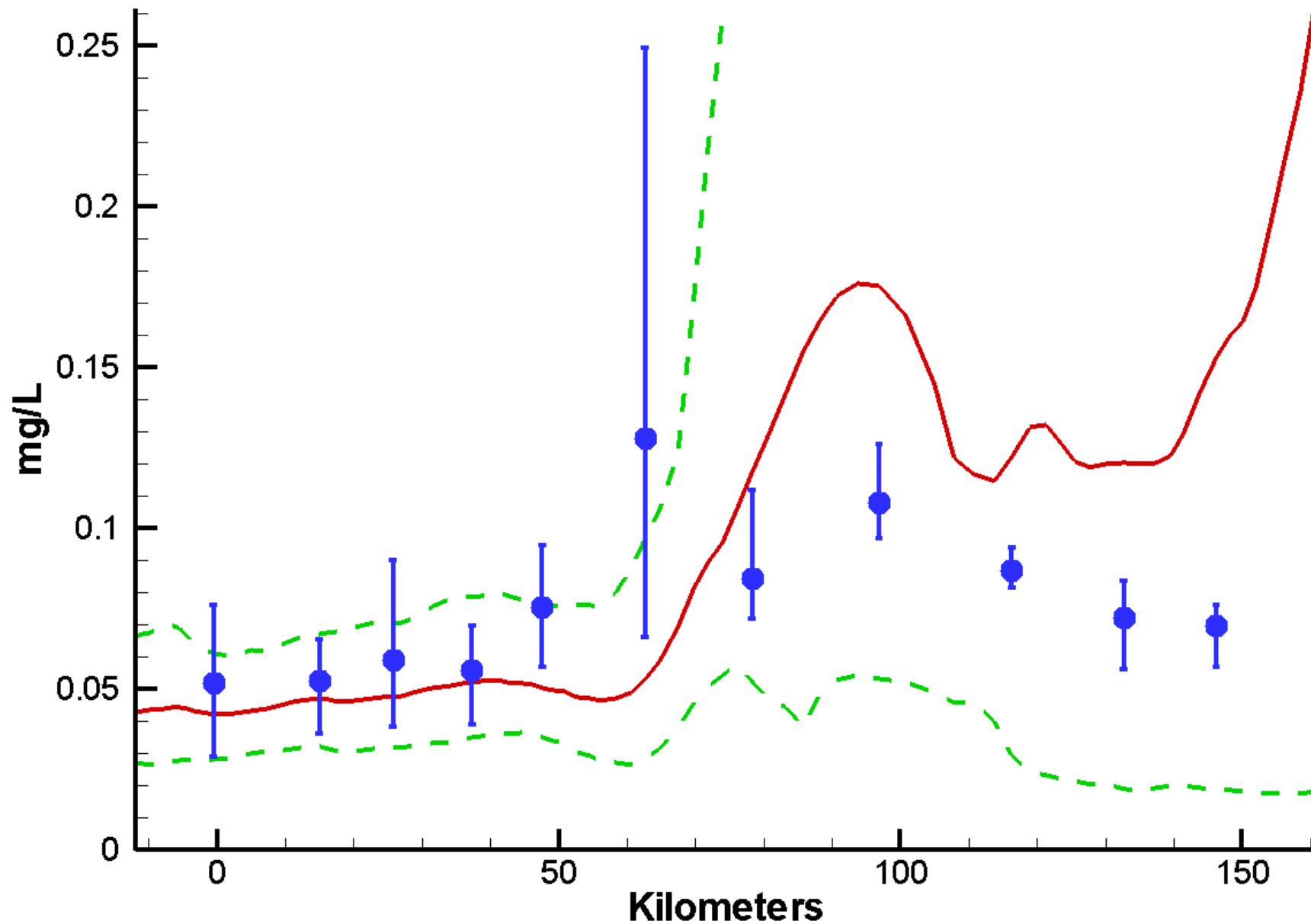


# Rappahannock River Ches2015 Run118

## Bottom Total Phosphorus Summer 1996

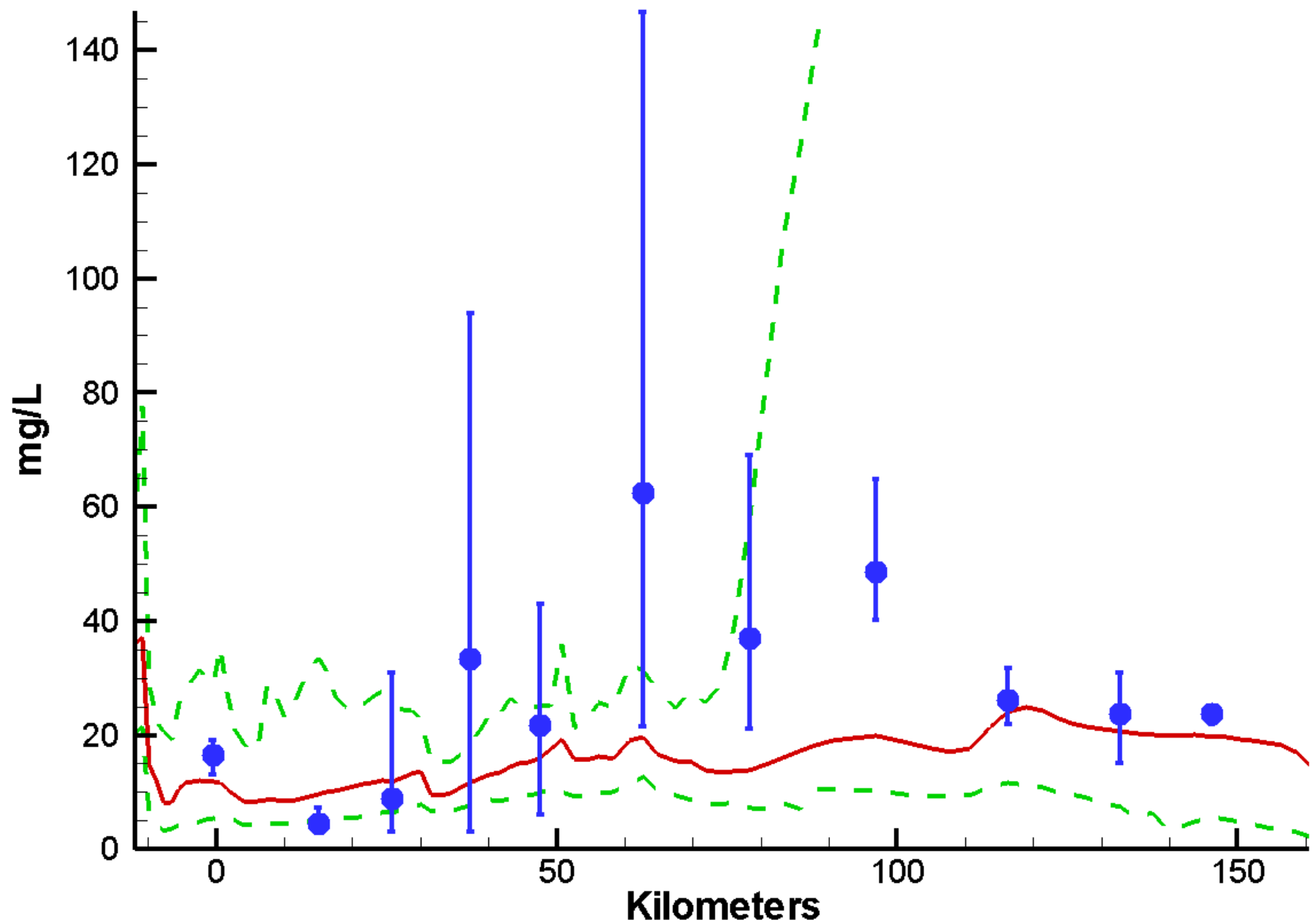


# Rappahannock River Ches2015 Run118 Surface Total Phosphorus Summer 1996



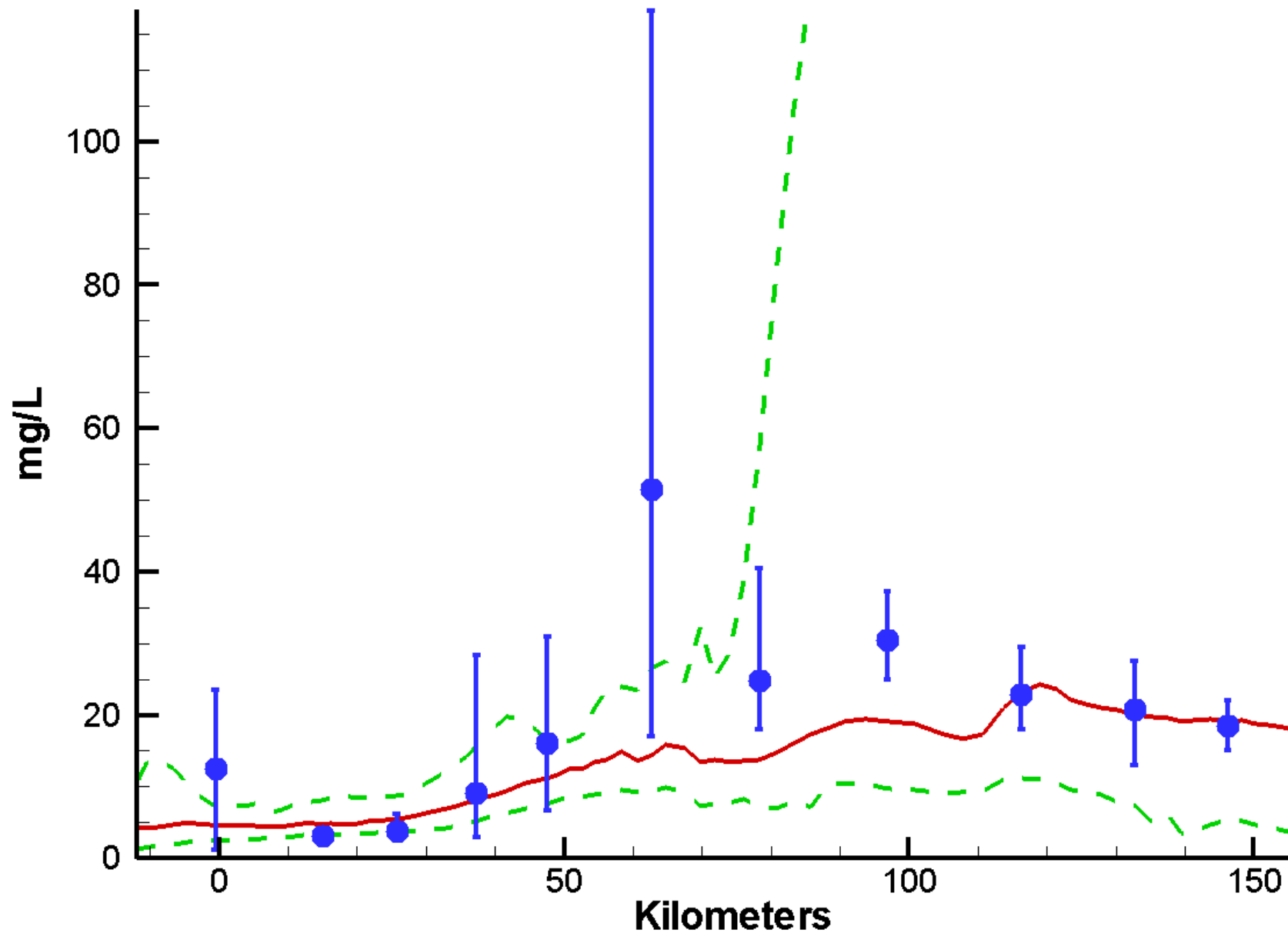
# Rappahannock River Ches2015 Run118

## Bottom Total Suspended Solids Summer 1996



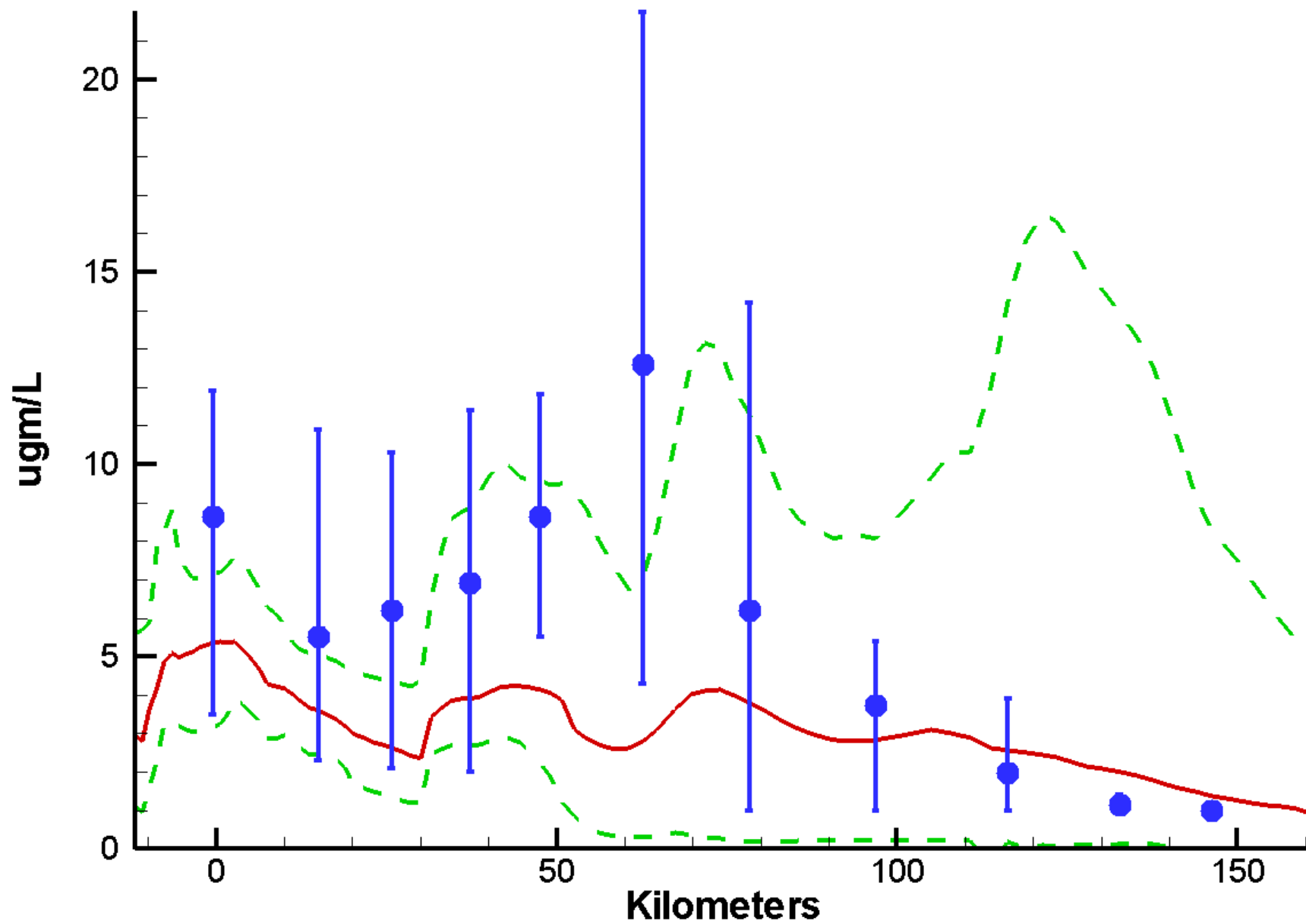
# Rappahannock River Ches2015 Run118

## Surface Total Suspended Solids Summer 1996



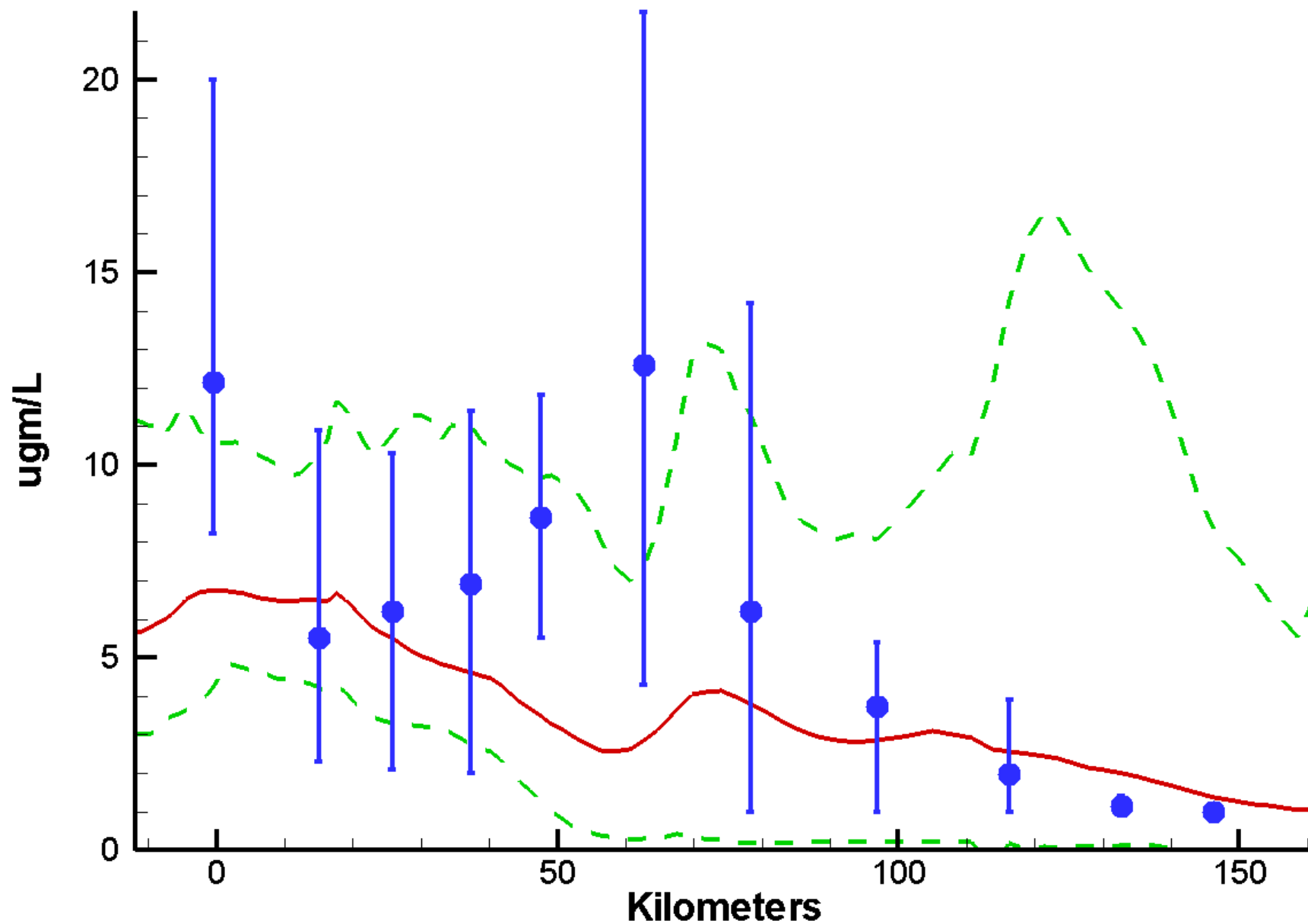
# Rappahannock River Ches2015 Run118

## Bottom Chlorophyll Fall 1996



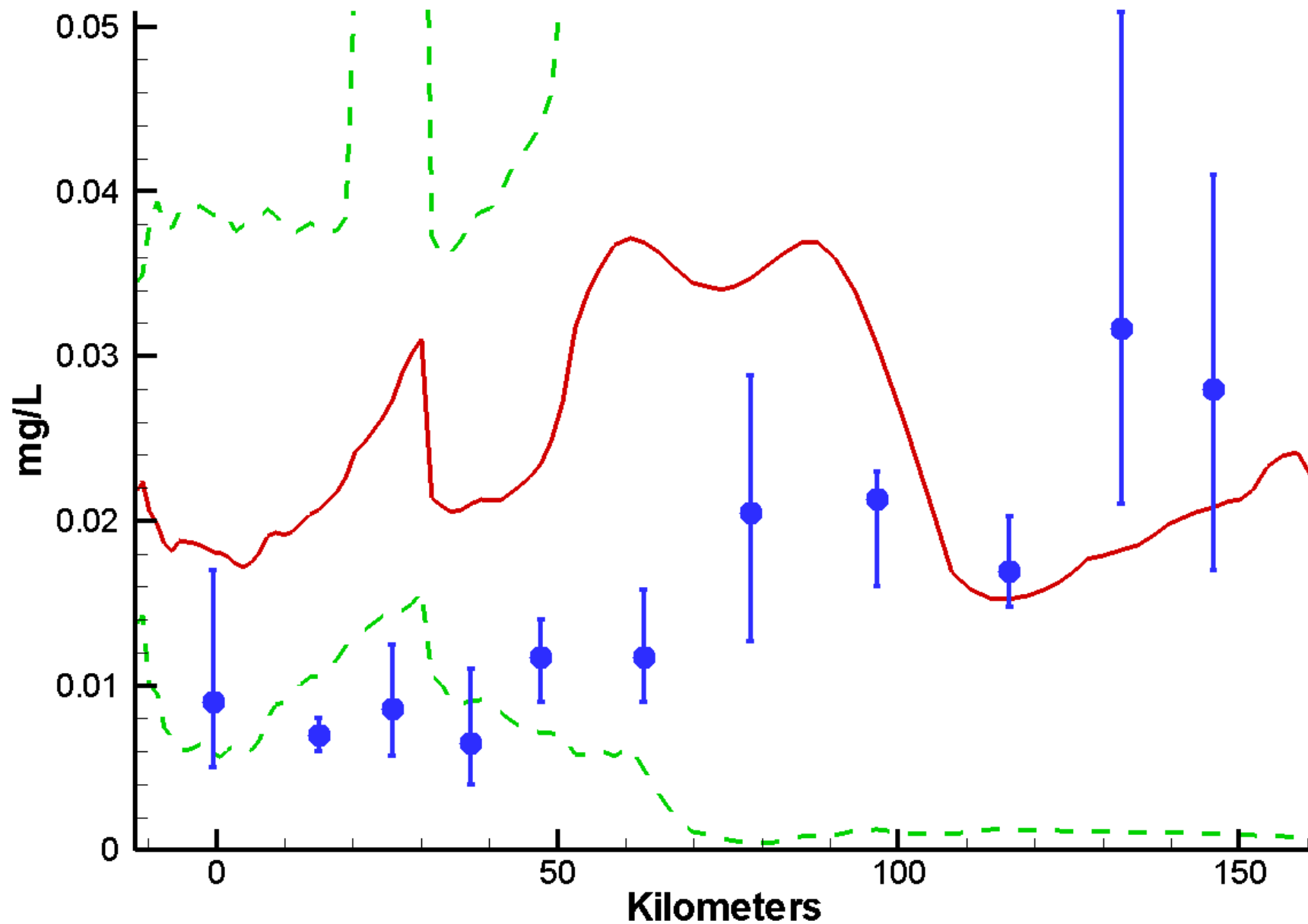
# Rappahannock River Ches2015 Run118

## Surface Chlorophyll Fall 1996



# Rappahannock River Ches2015 Run118

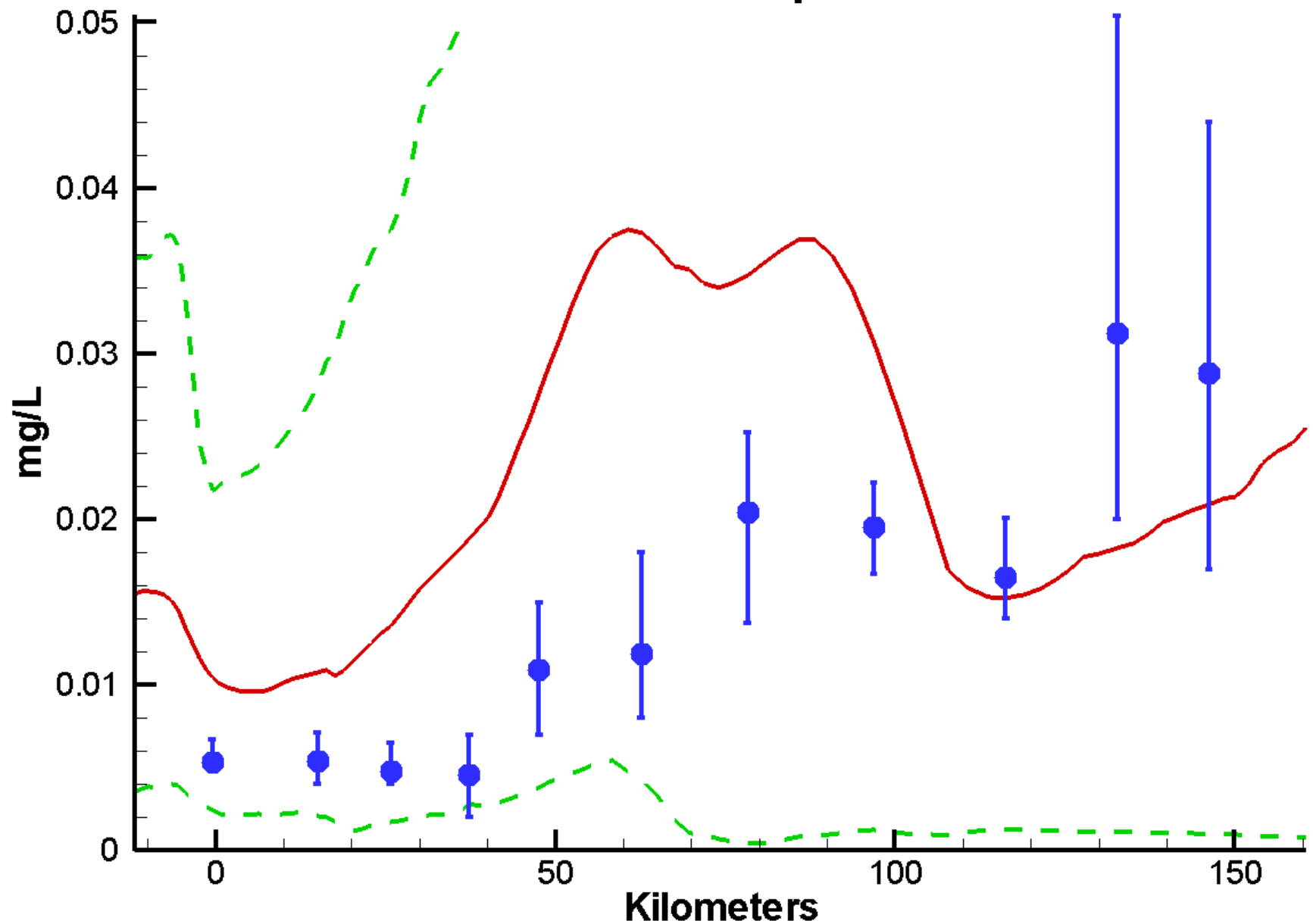
## Bottom Dissolved Phosphate Fall 1996





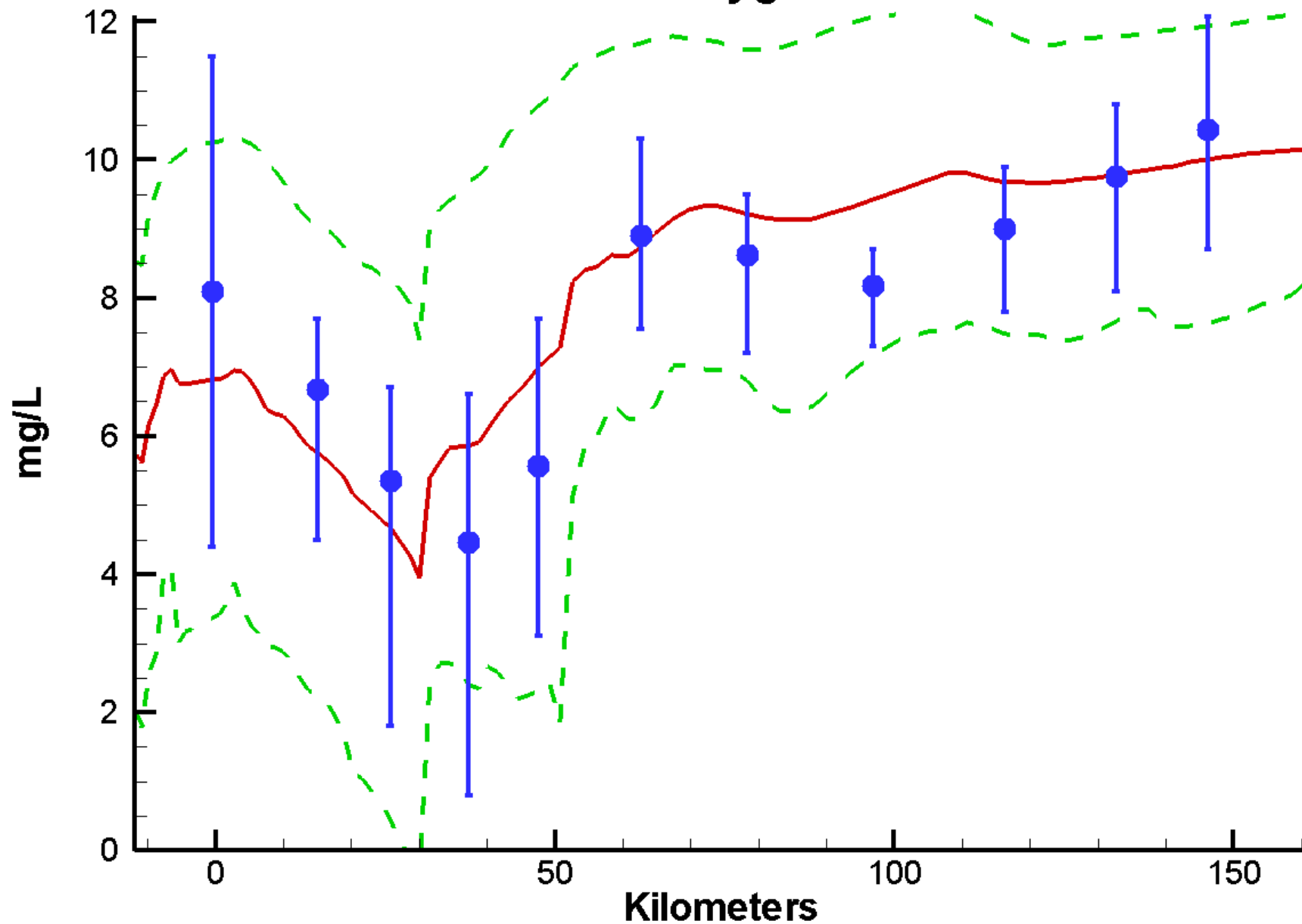
# Rappahannock River Ches2015 Run118

## Surface Dissolved Phosphate Fall 1996

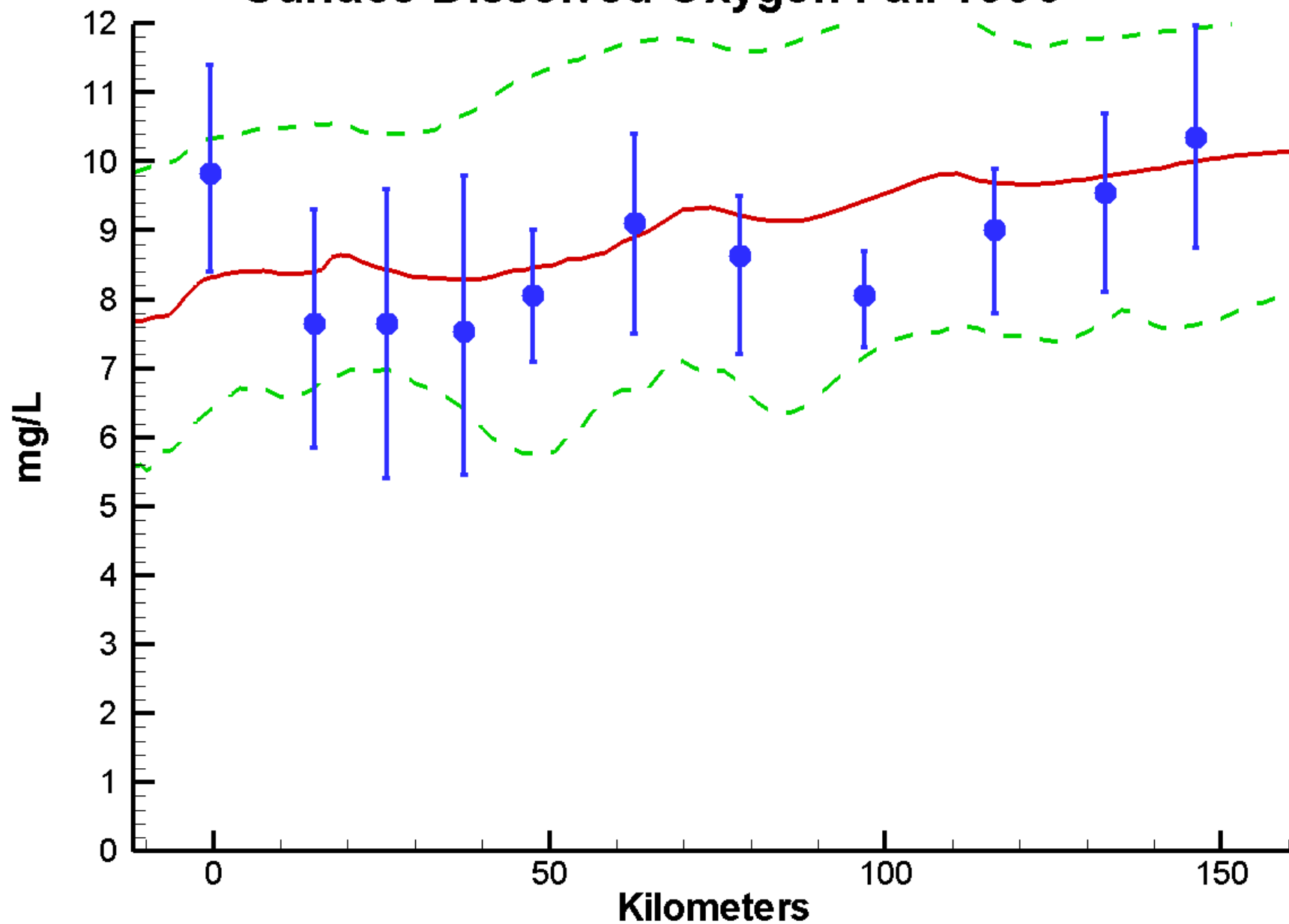


# Rappahannock River Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1996

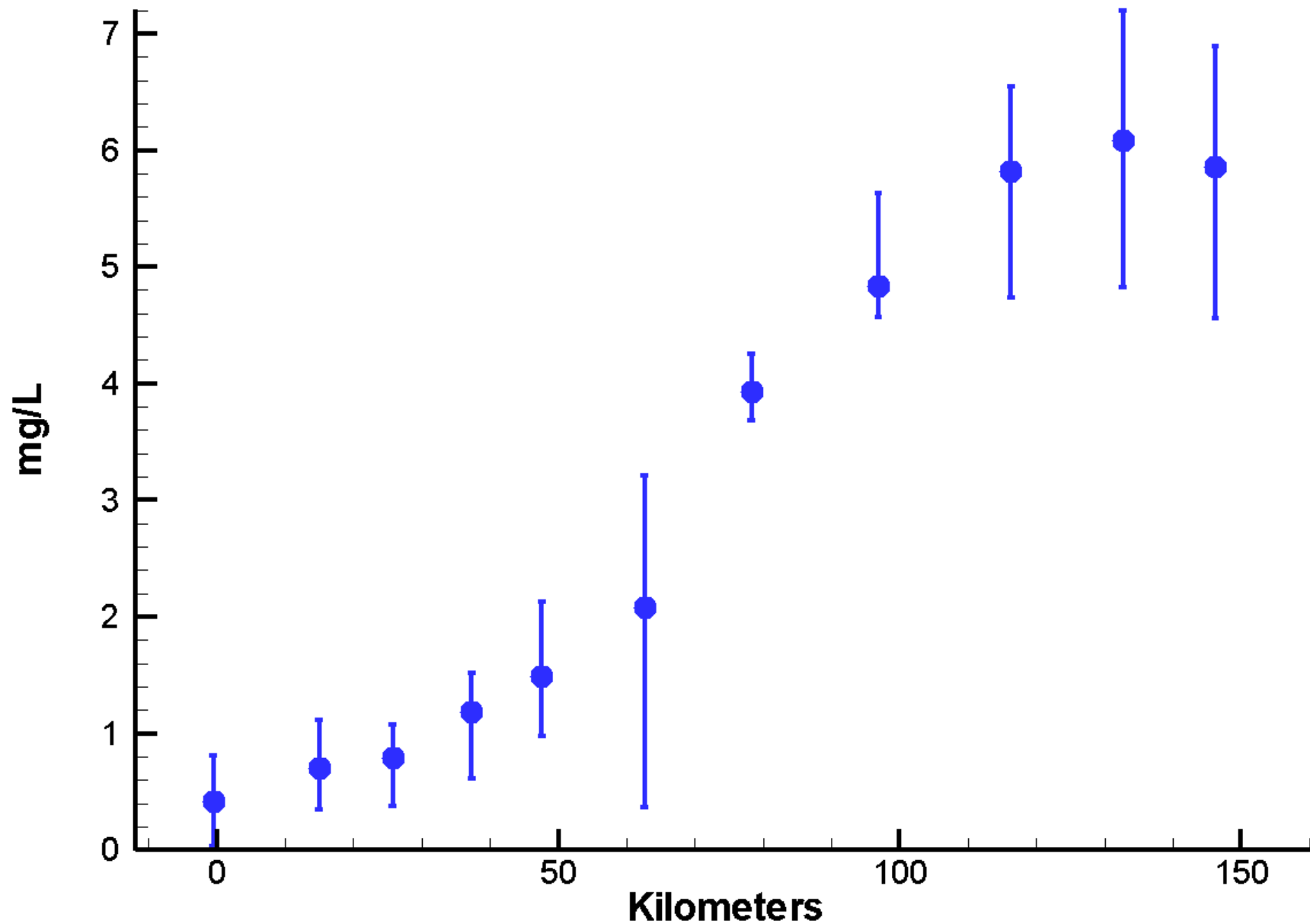


# Rappahannock River Ches2015 Run118 Surface Dissolved Oxygen Fall 1996

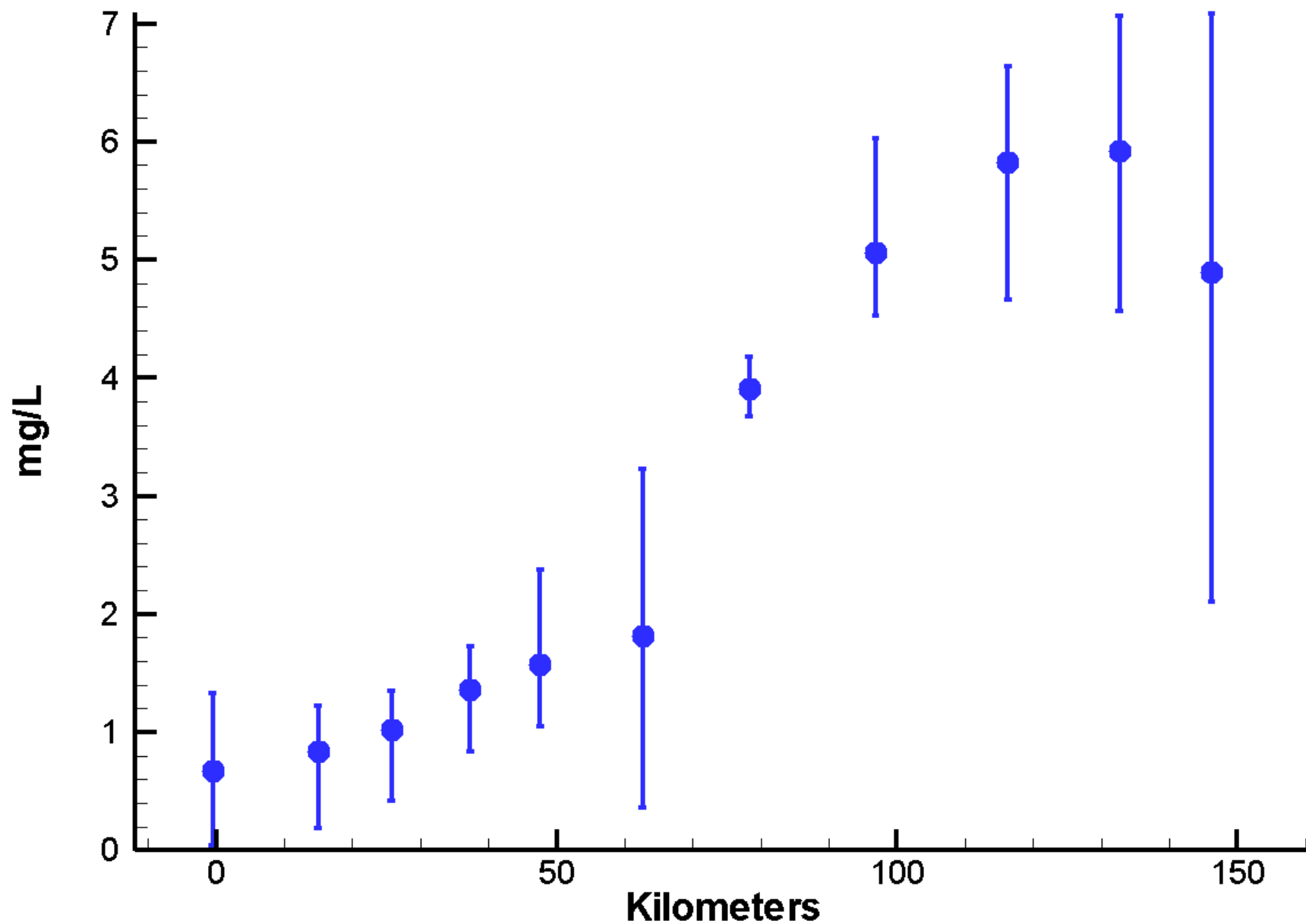


# Rappahannock River Ches2015 Run118

## Bottom Dissolved Silica Fall 1996

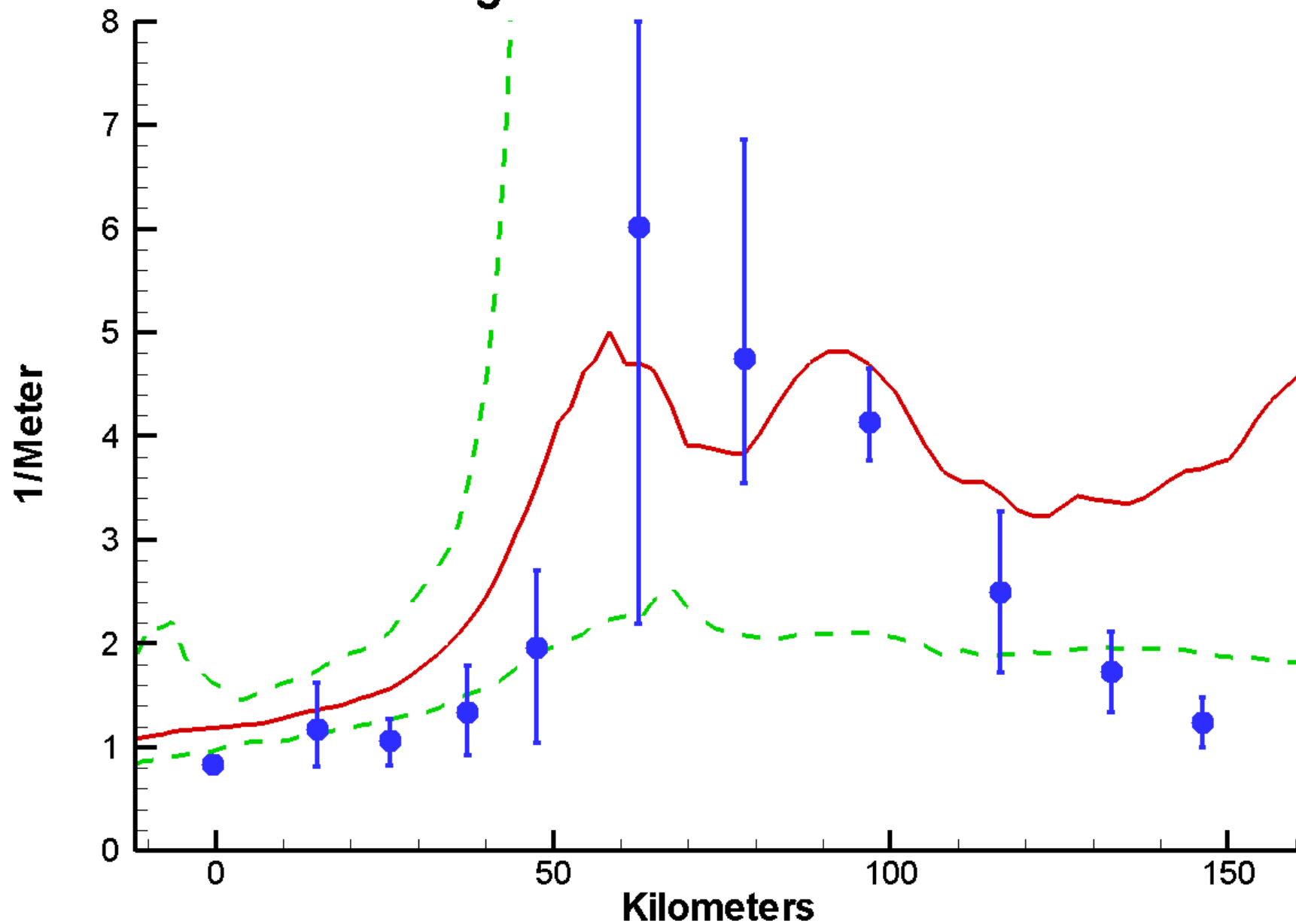


# Rappahannock River Ches2015 Run118 Surface Dissolved Silica Fall 1996



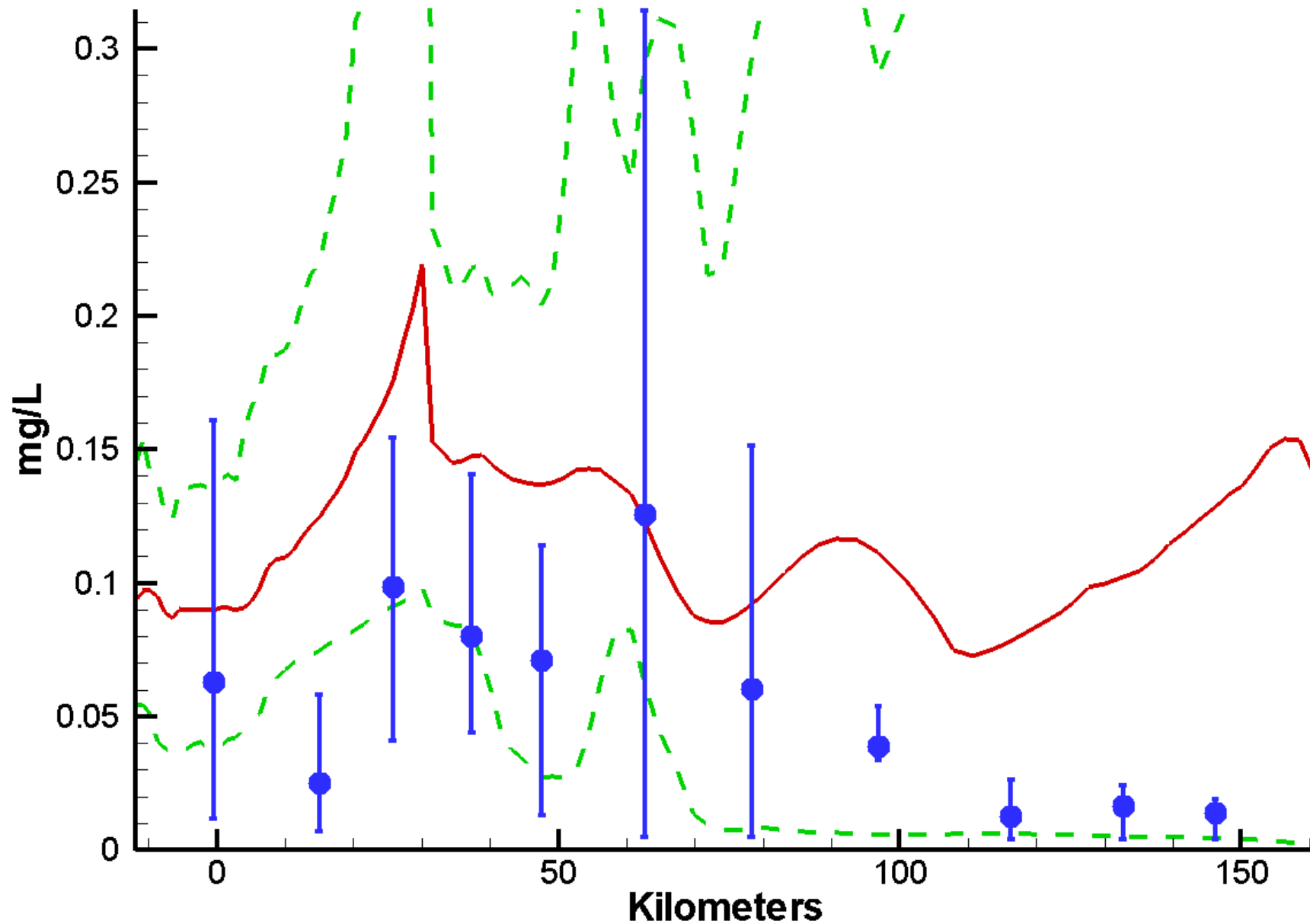
# Rappahannock River Ches2015 Run118

## Surface Light Extinction Fall 1996



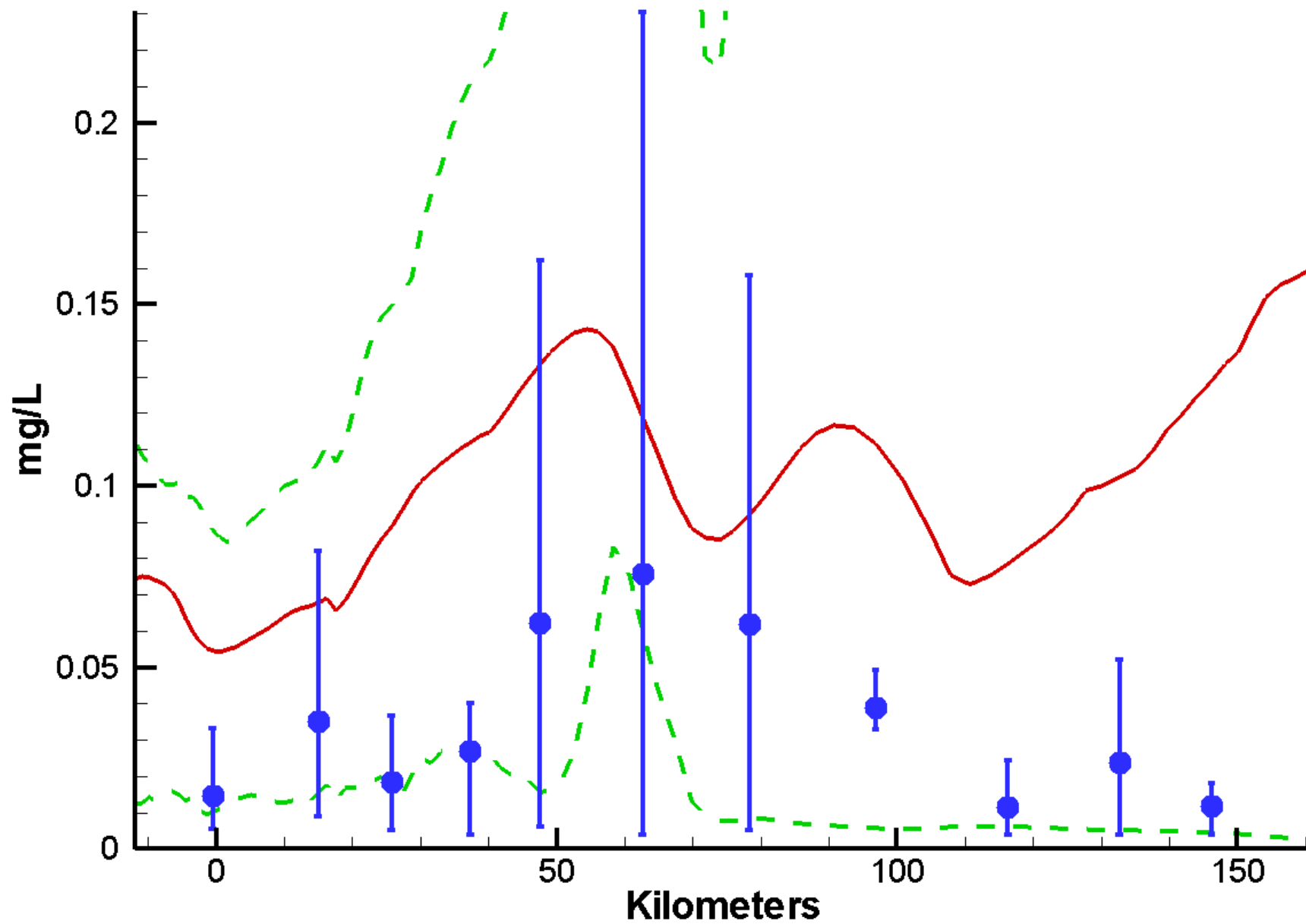
# Rappahannock River Ches2015 Run118

## Bottom Ammonium Fall 1996



# Rappahannock River Ches2015 Run118

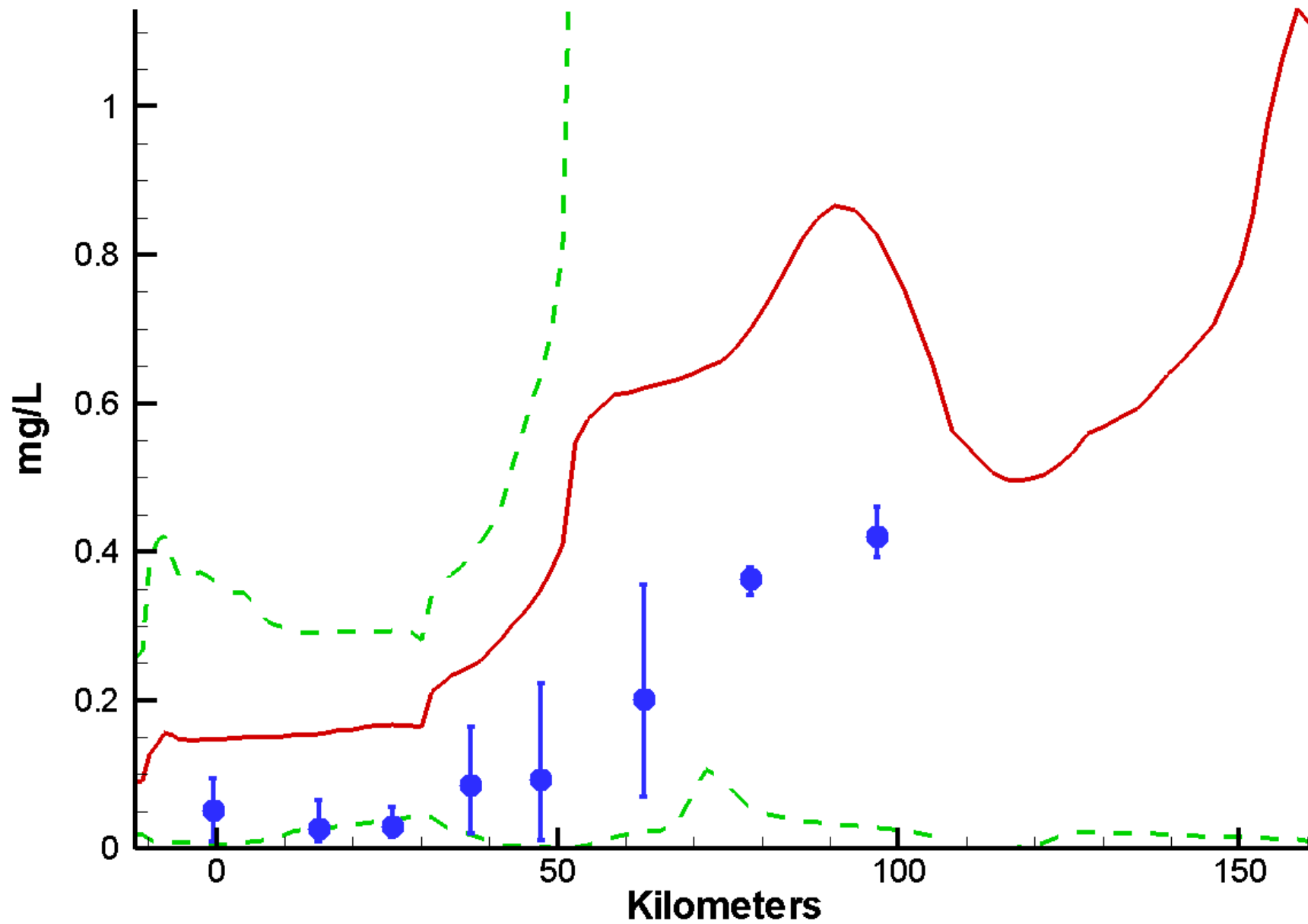
## Surface Ammonium Fall 1996





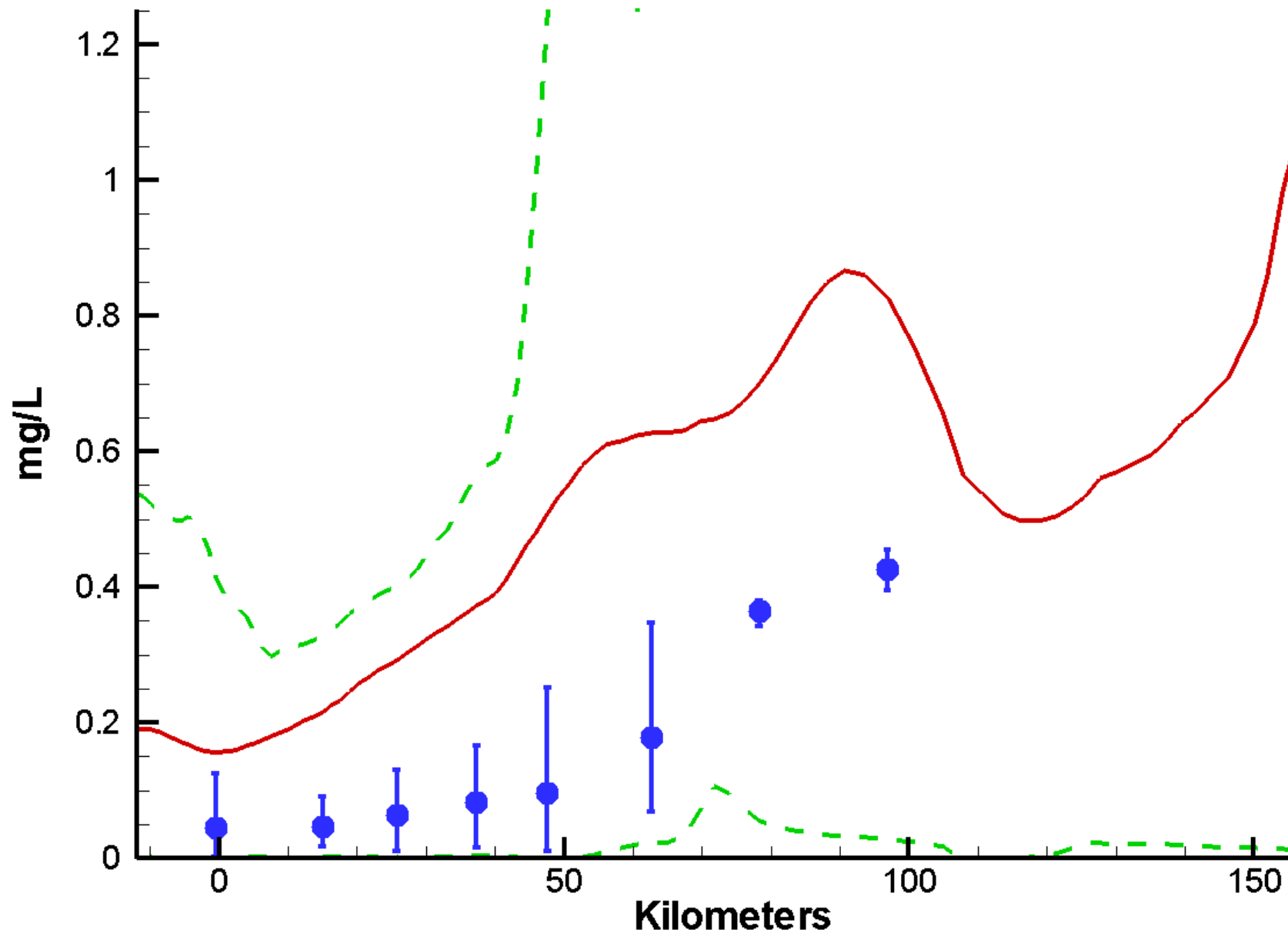
# Rappahannock River Ches2015 Run118

## Bottom Nitrate Fall 1996



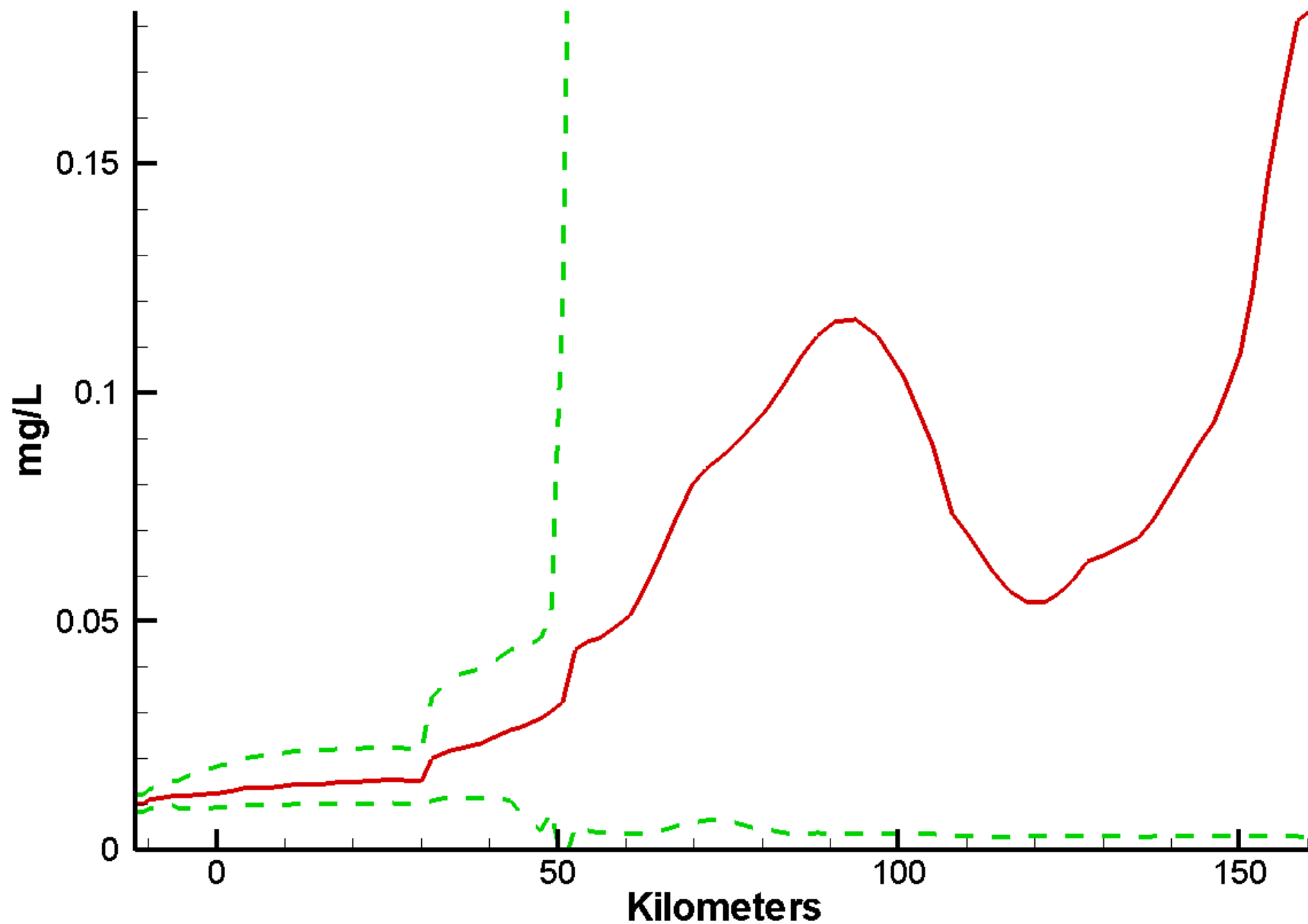
# Rappahannock River Ches2015 Run118

## Surface Nitrate Fall 1996



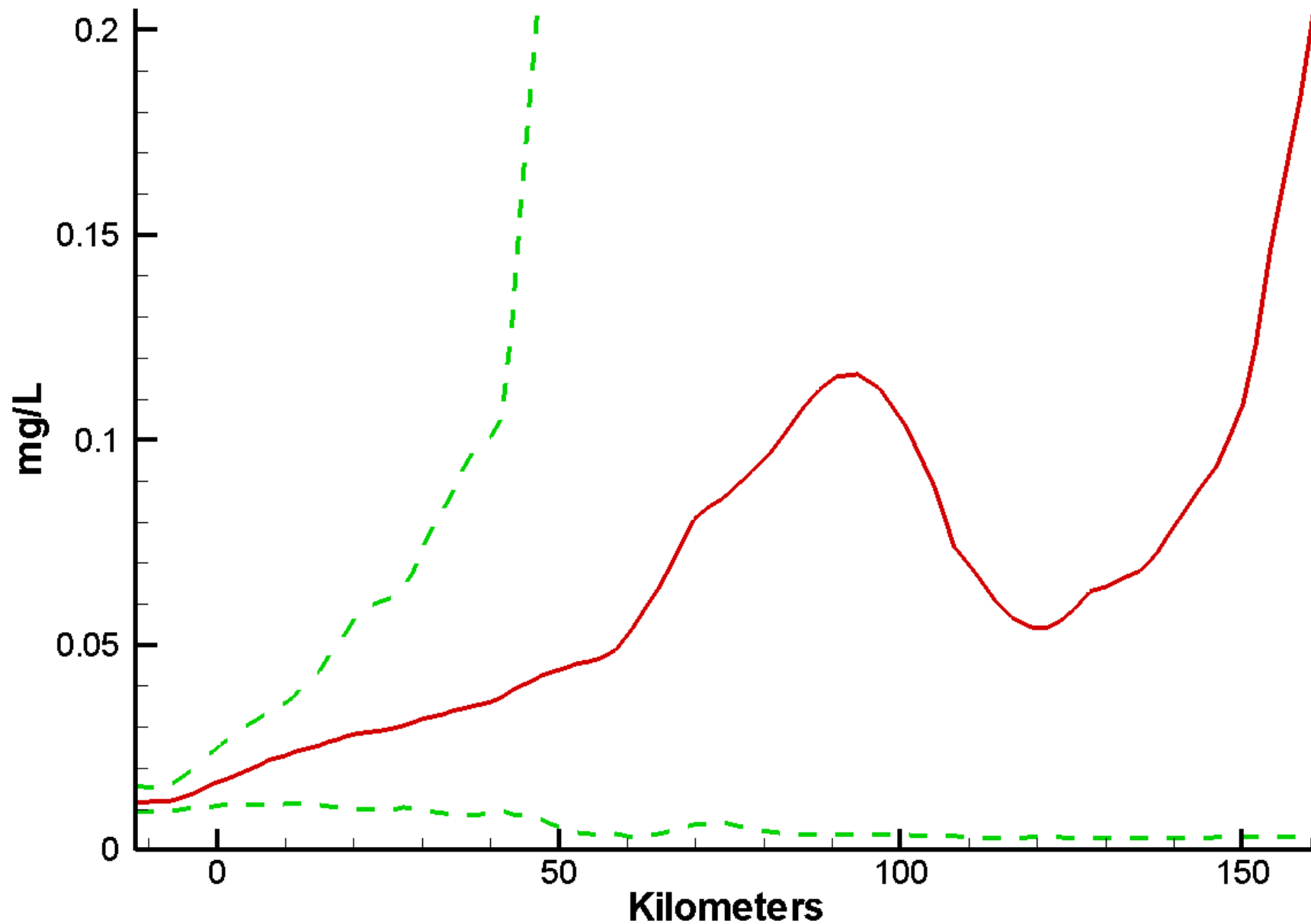
# Rappahannock River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1996



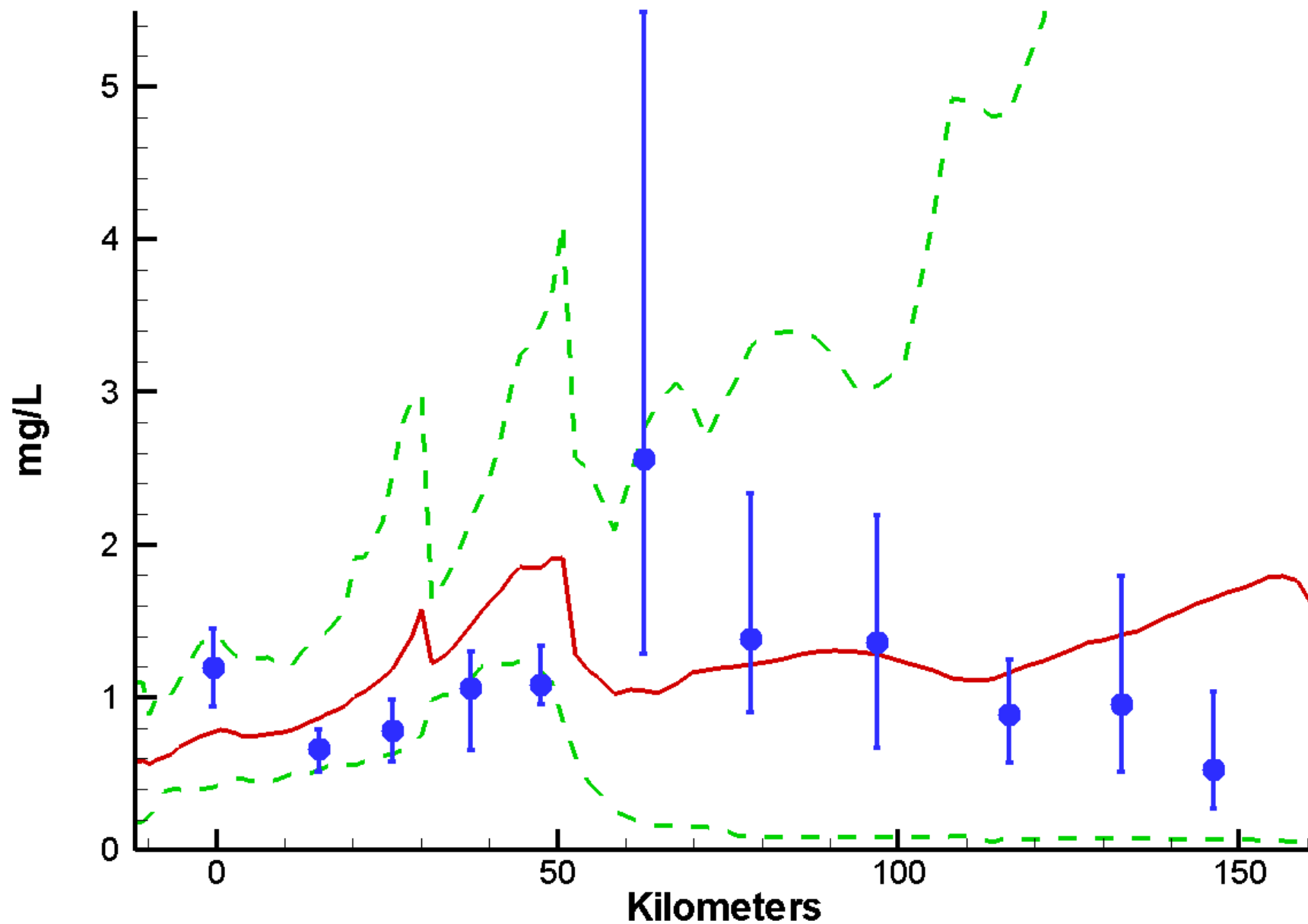
# Rappahannock River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Fall 1996



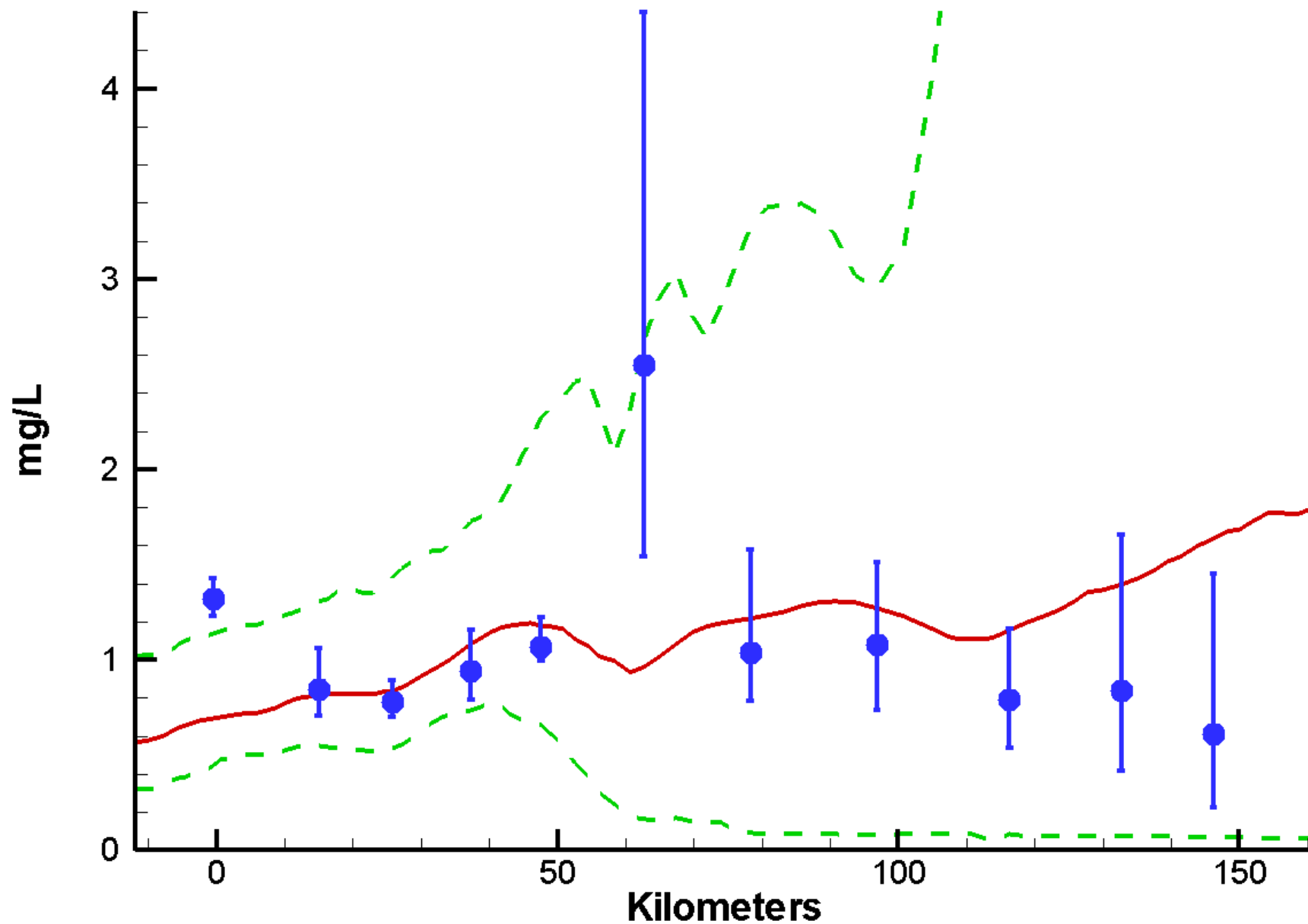
# Rappahannock River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1996



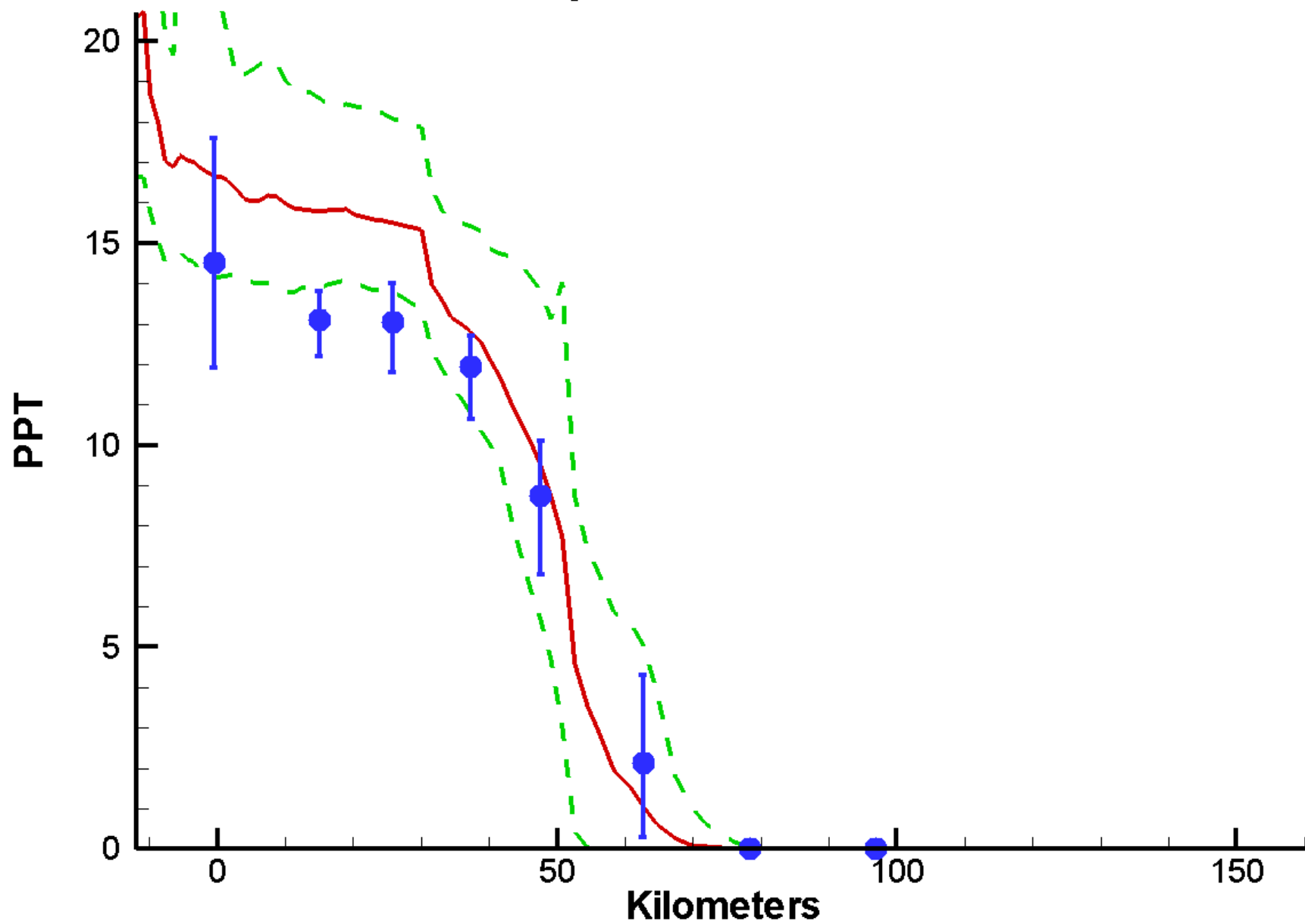
# Rappahannock River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1996



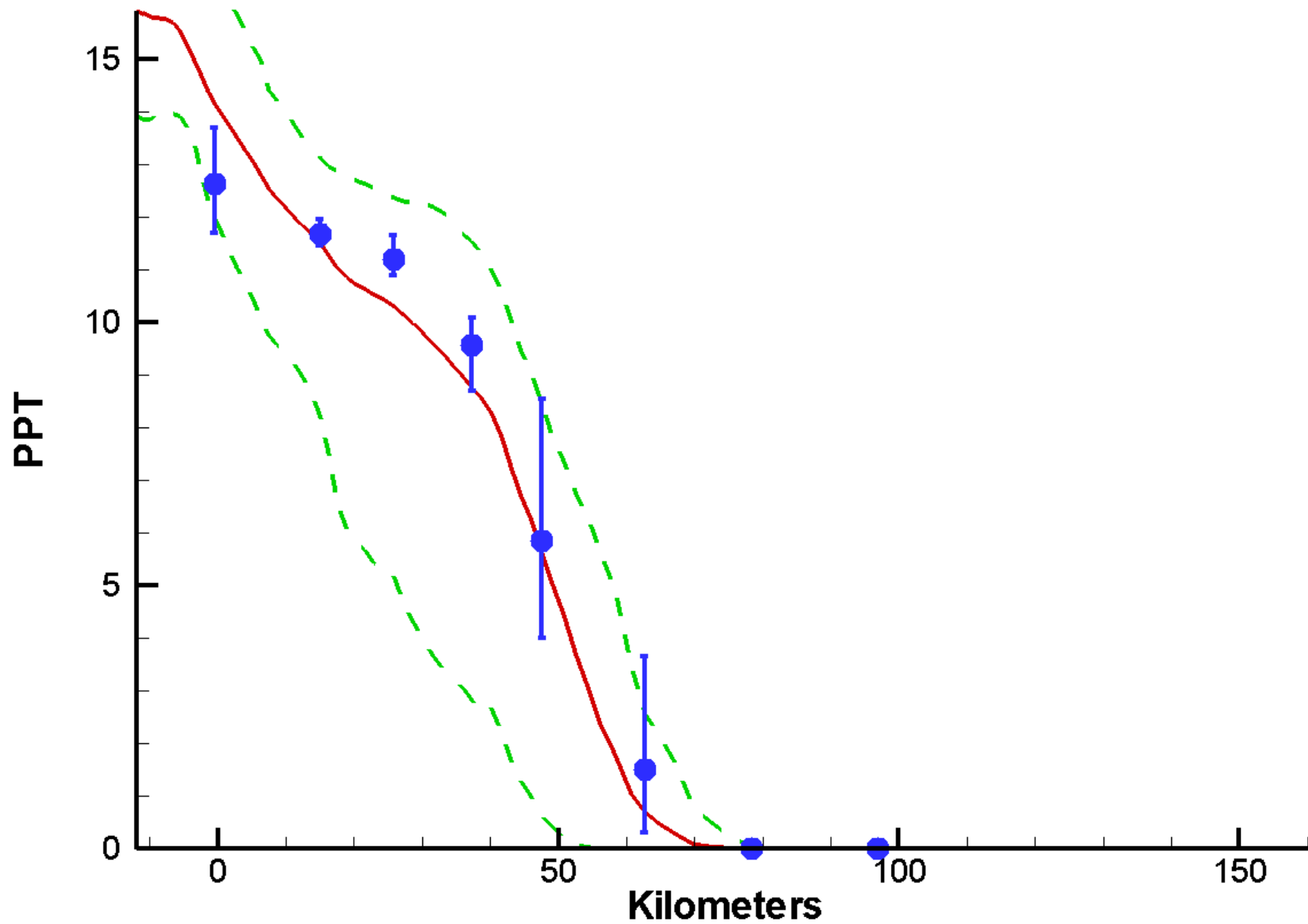
# Rappahannock River Ches2015 Run118

## Bottom Salinity Fall 1996



# Rappahannock River Ches2015 Run118

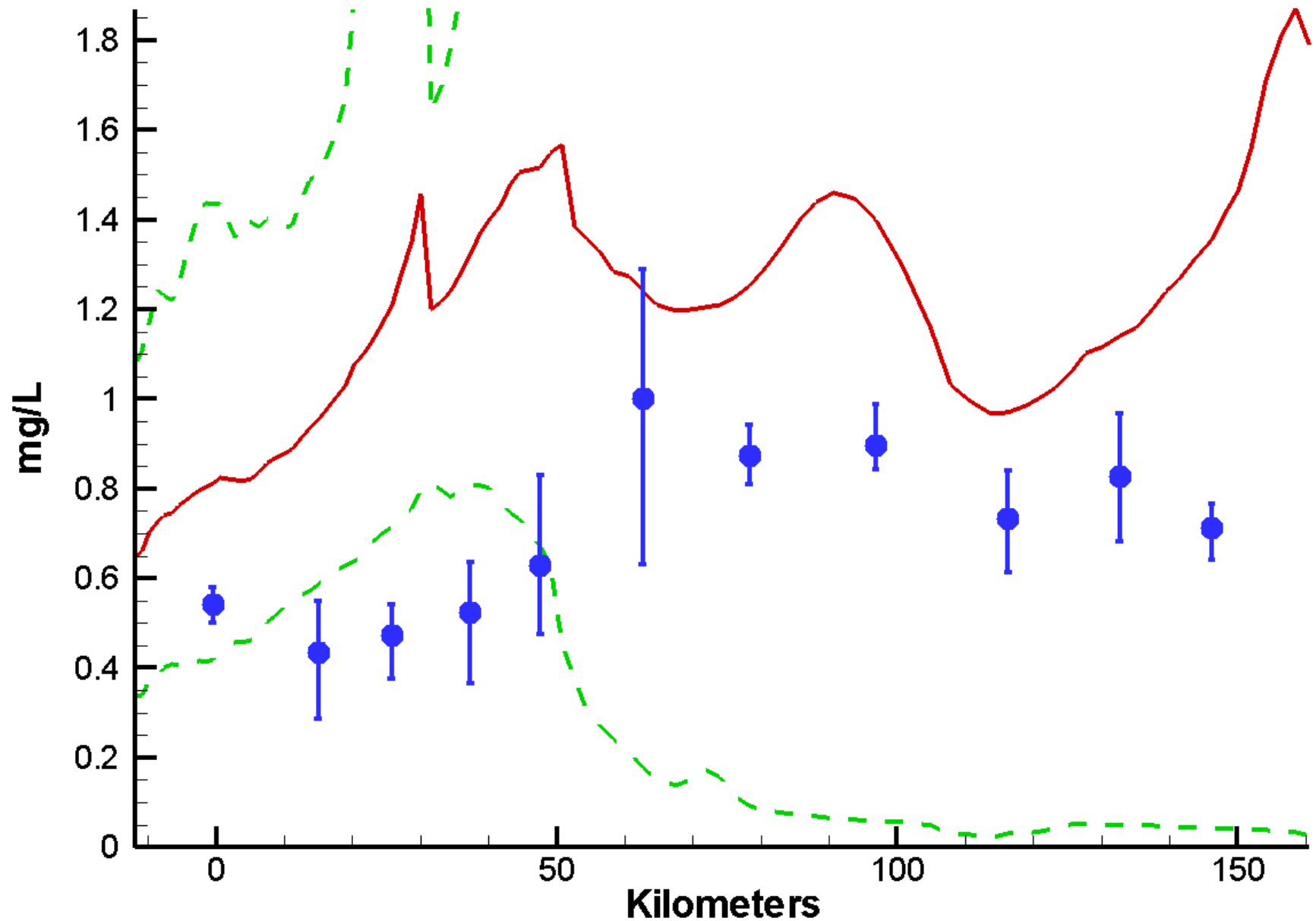
## Surface Salinity Fall 1996





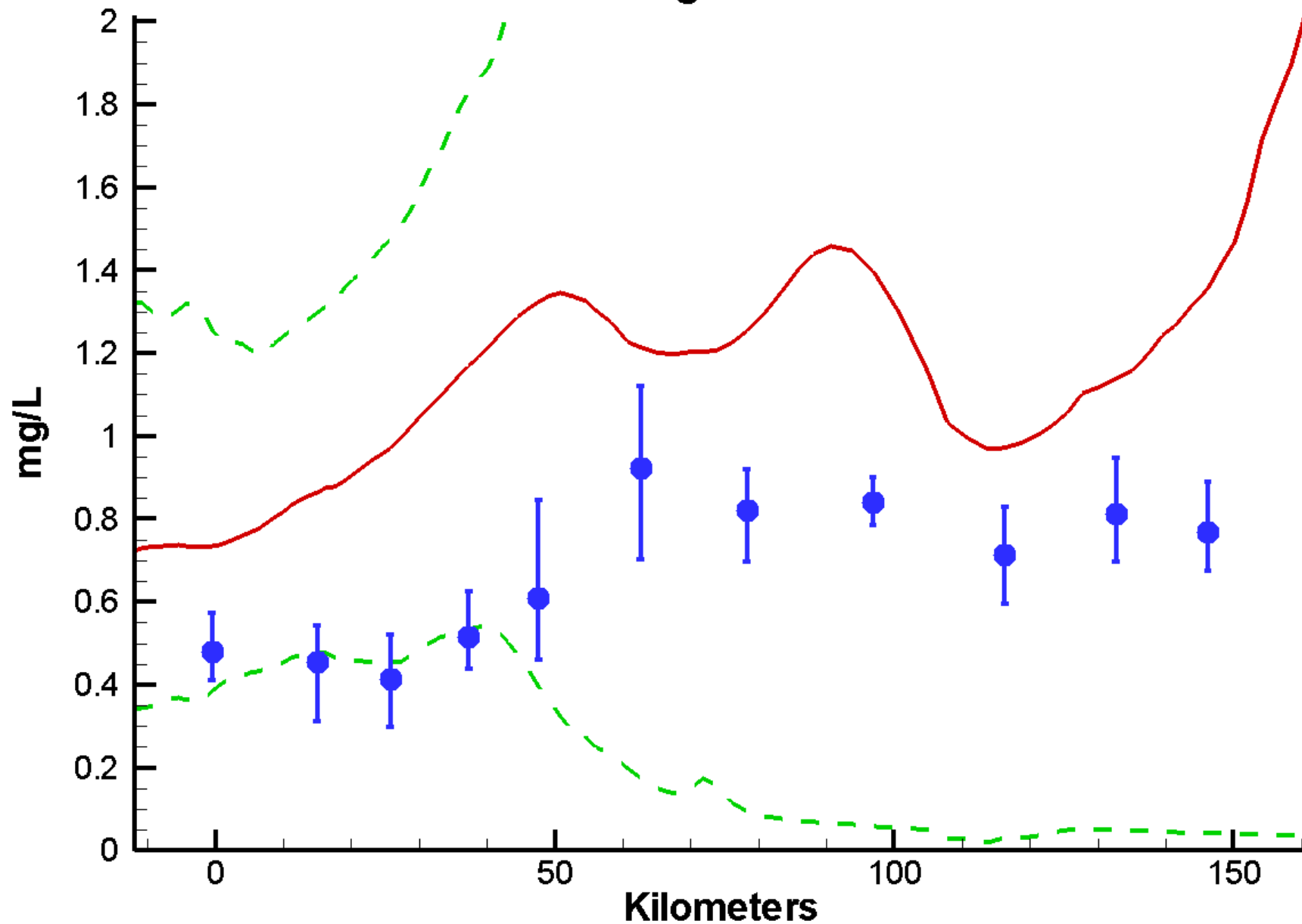
# Rappahannock River Ches2015 Run118

## Bottom Total Nitrogen Fall 1996



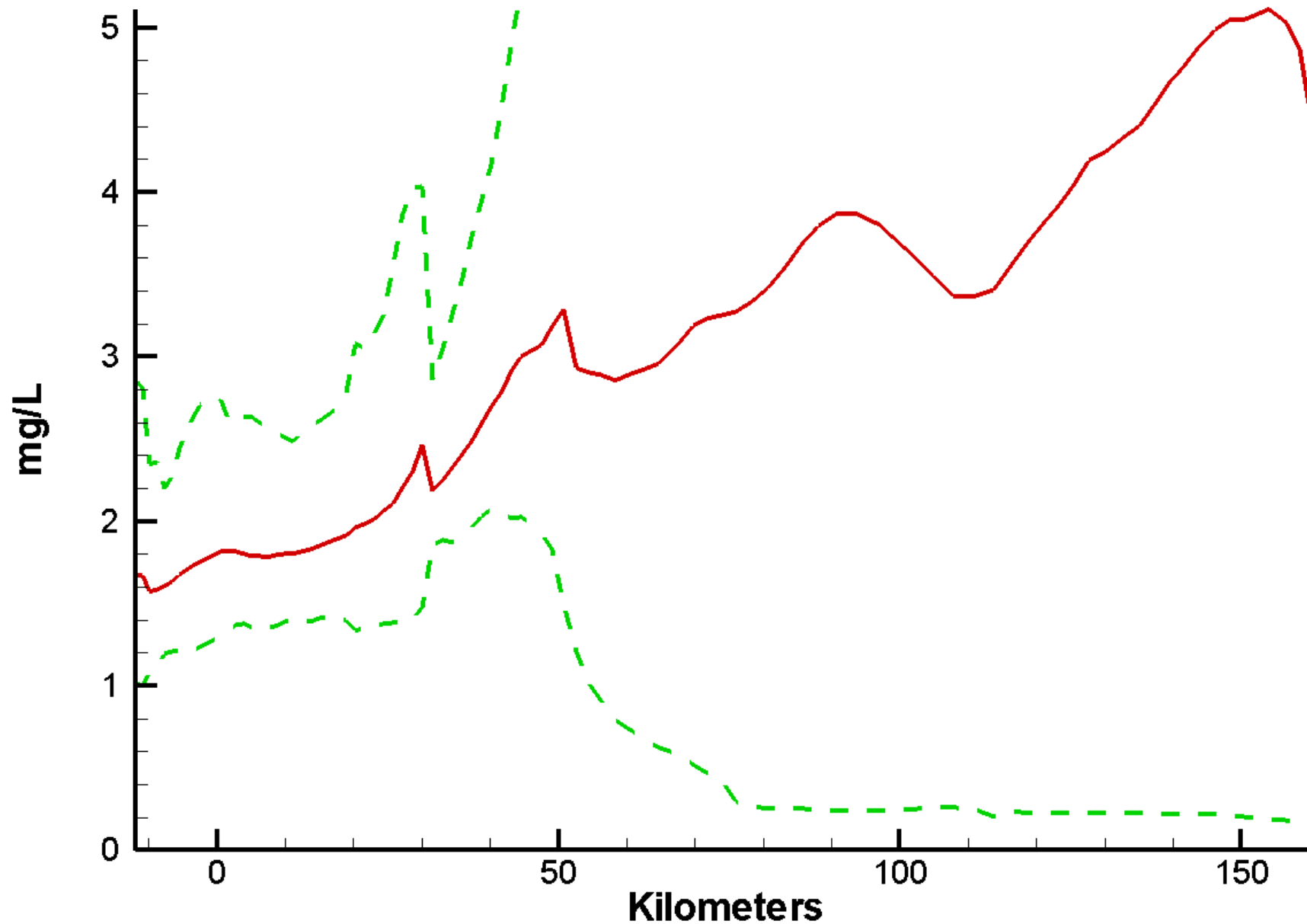
# Rappahannock River Ches2015 Run118

## Surface Total Nitrogen Fall 1996



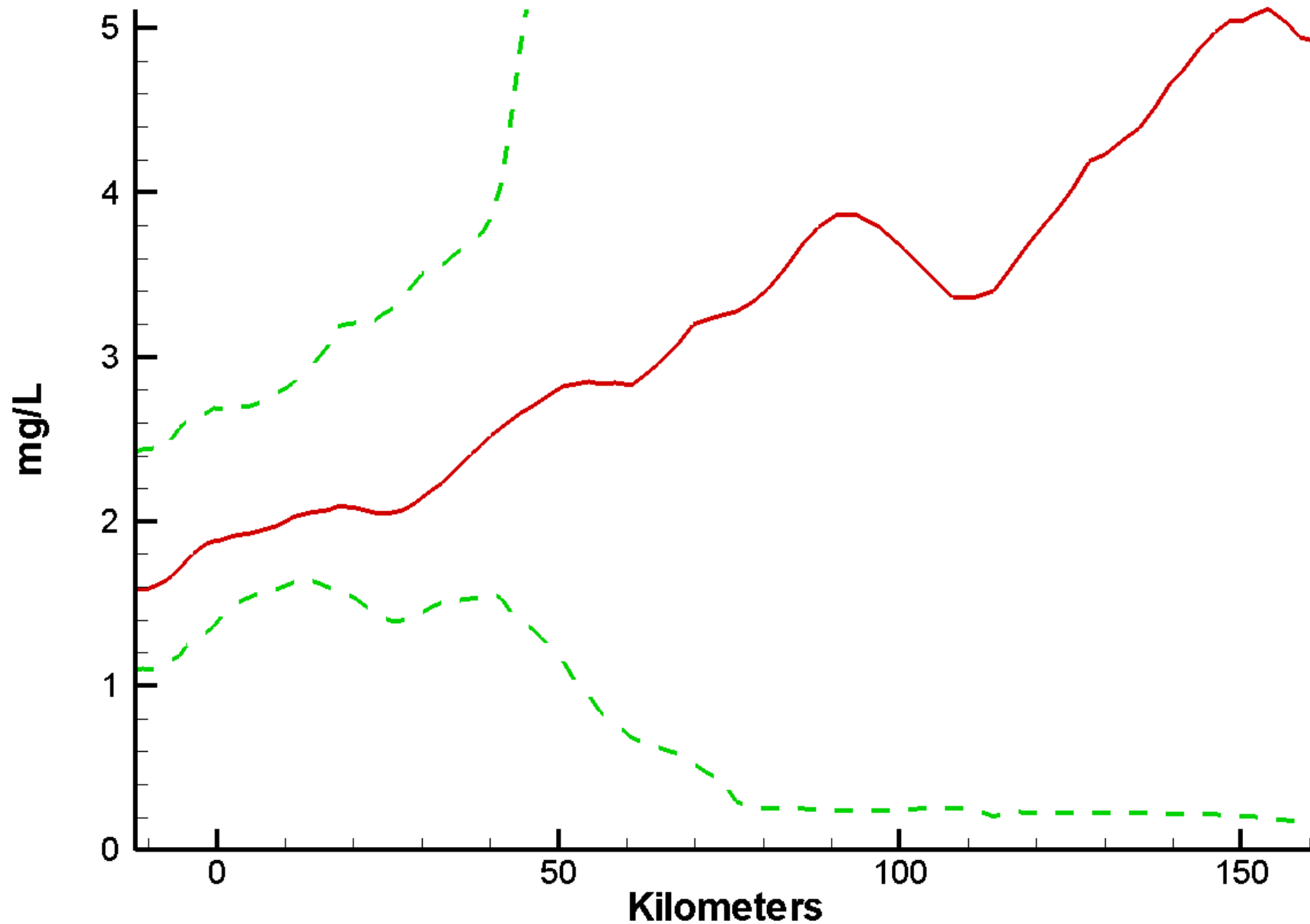
# Rappahannock River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1996



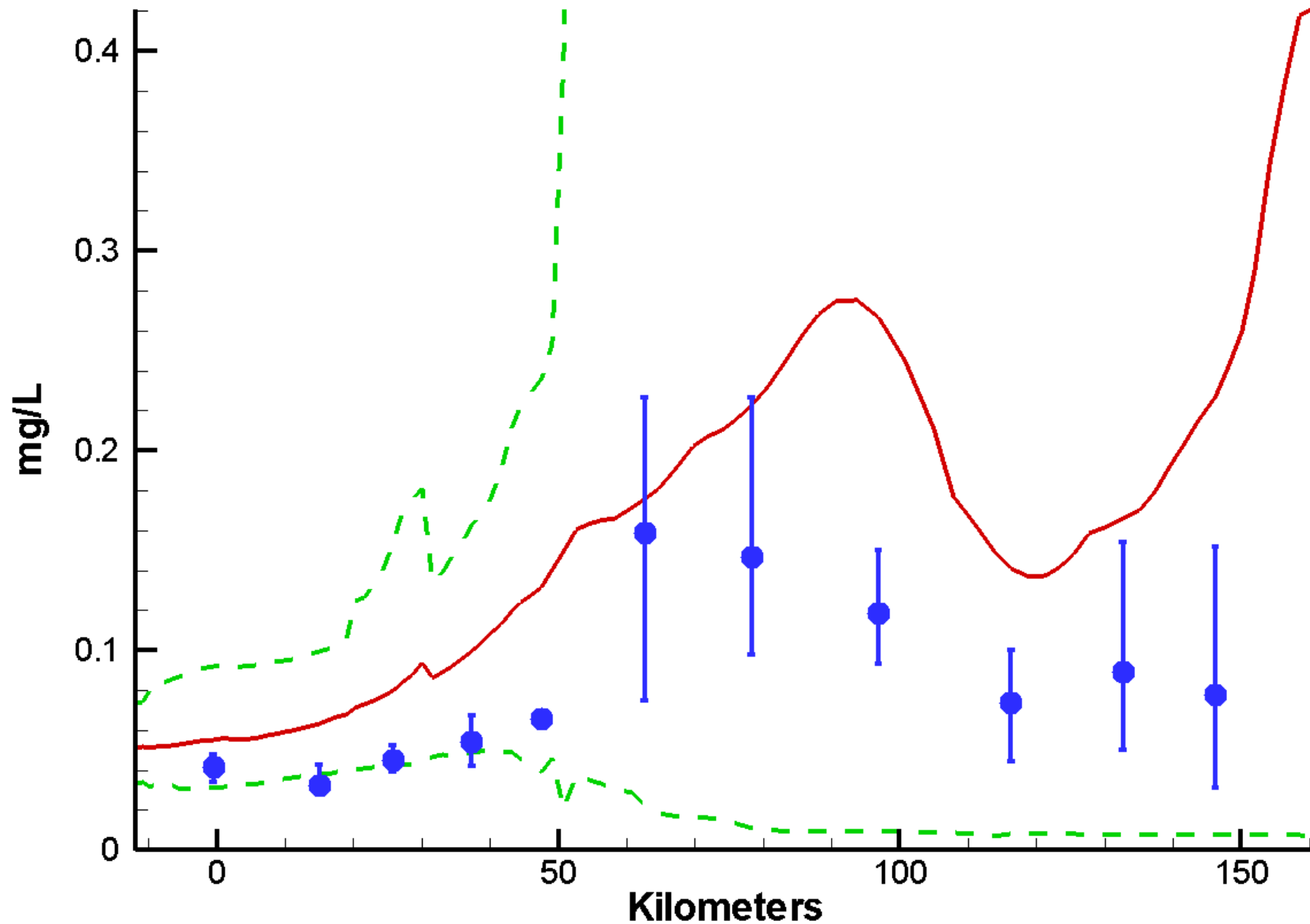
# Rappahannock River Ches2015 Run118

## Surface Total Organic Carbon Fall 1996



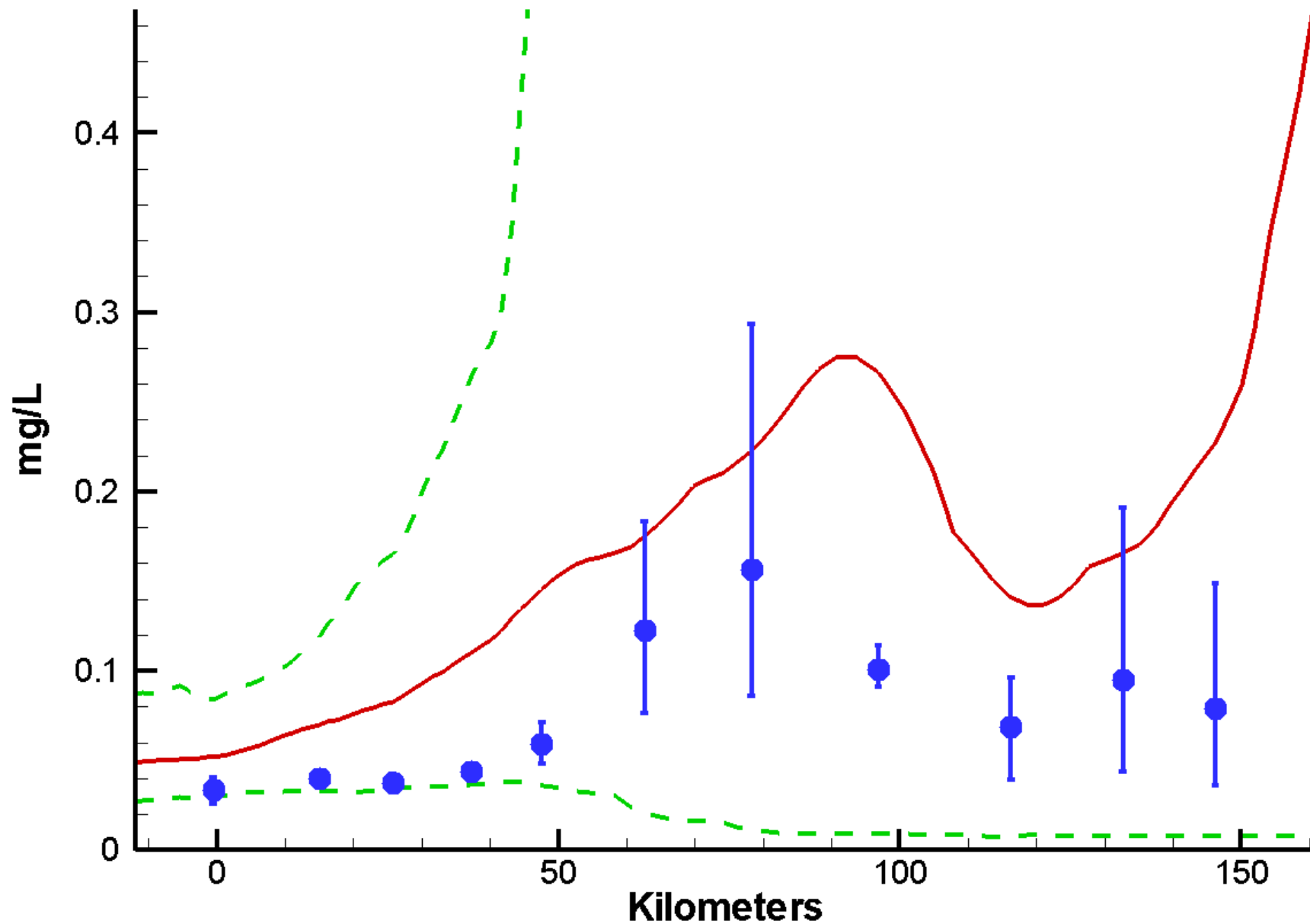
# Rappahannock River Ches2015 Run118

## Bottom Total Phosphorus Fall 1996



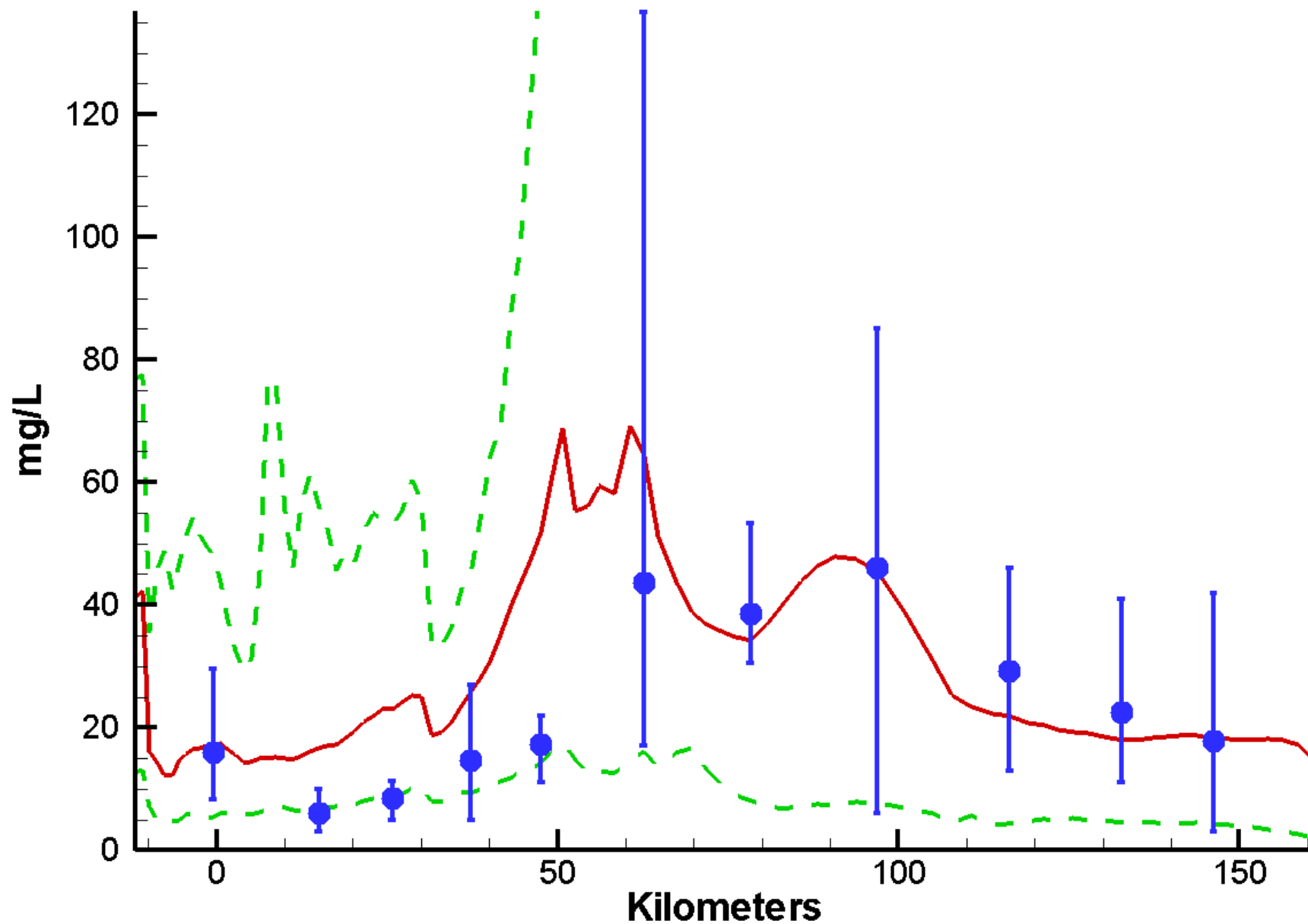
# Rappahannock River Ches2015 Run118

## Surface Total Phosphorus Fall 1996



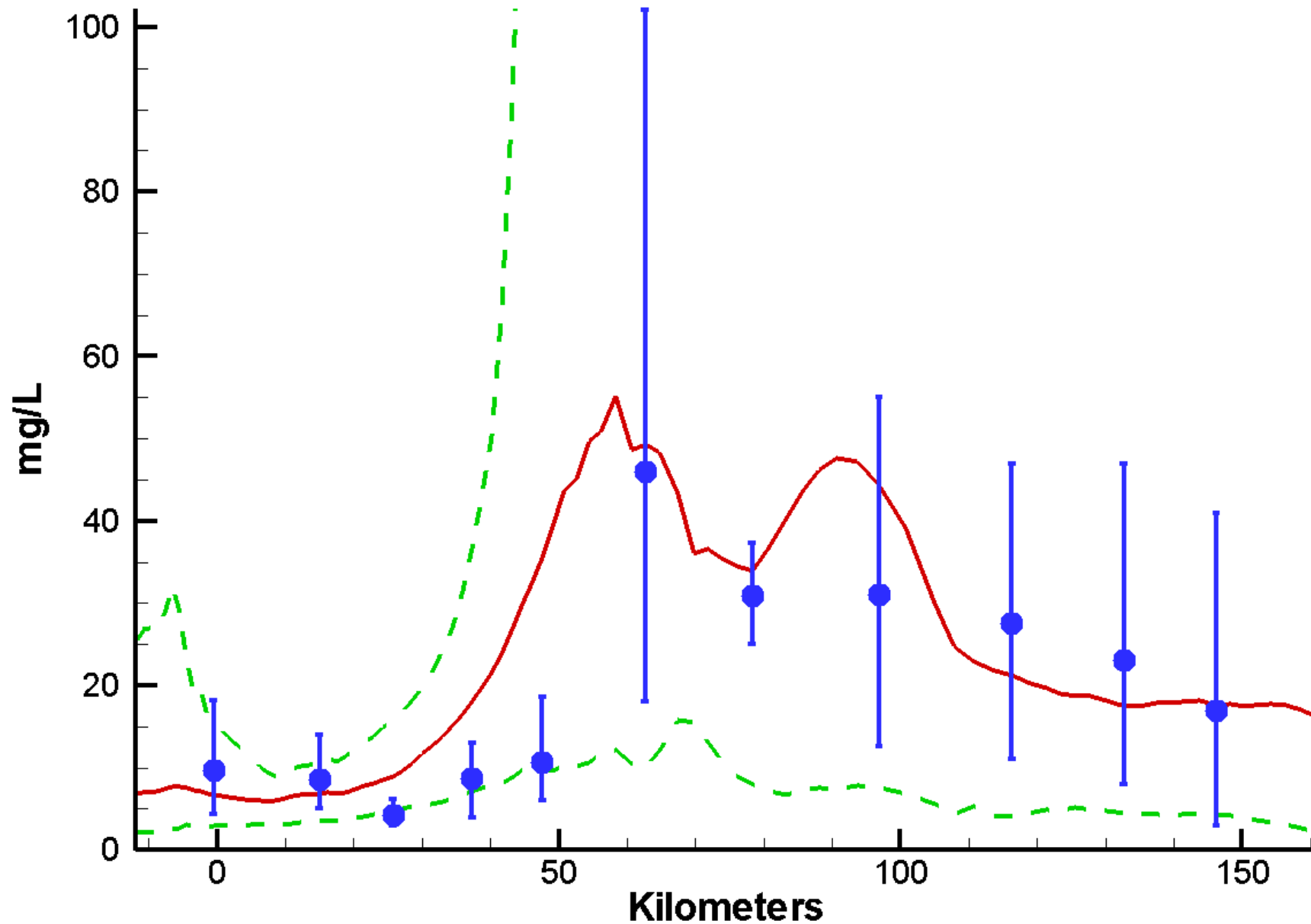
# Rappahannock River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1996



# Rappahannock River Ches2015 Run118

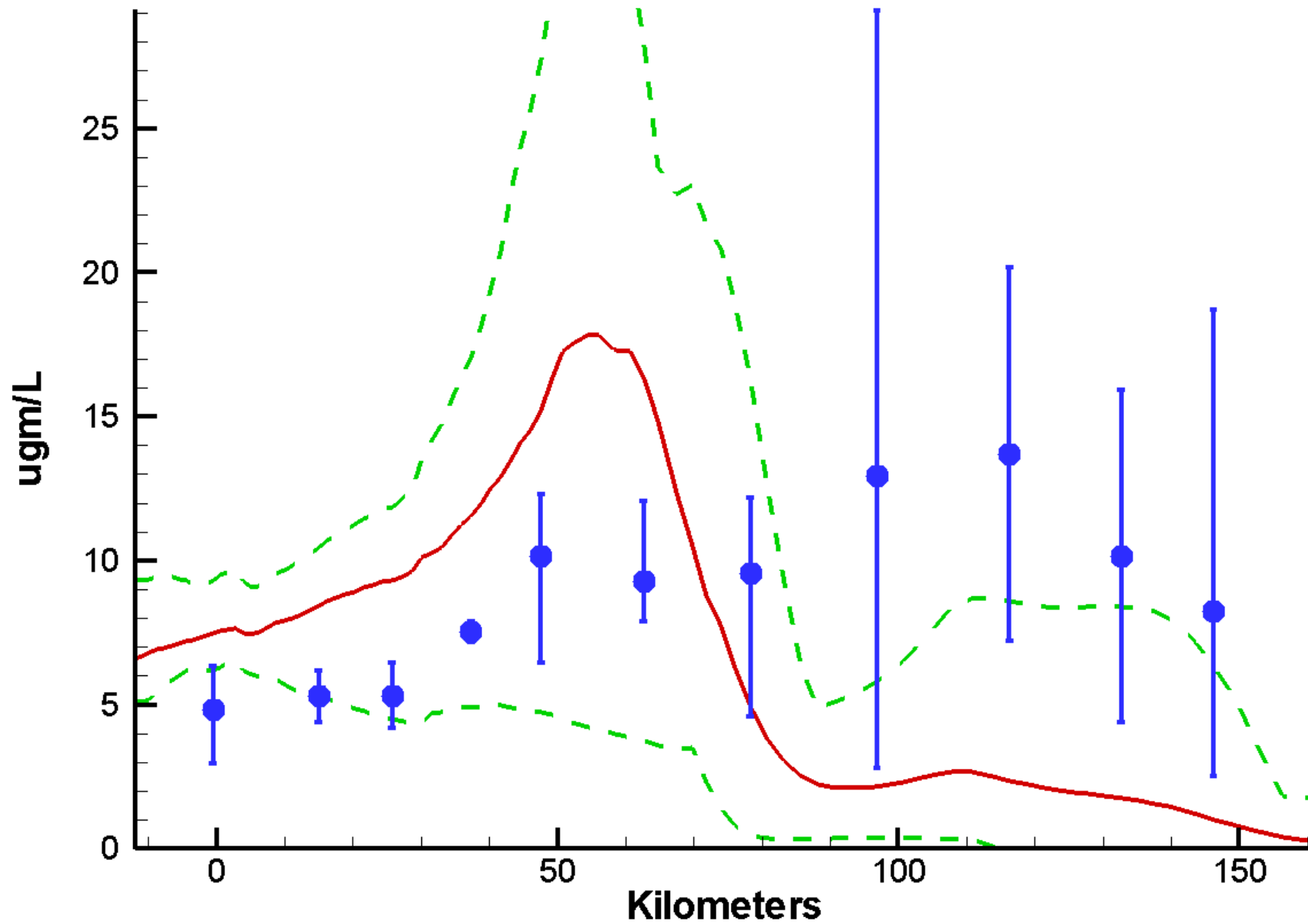
## Surface Total Suspended Solids Fall 1996





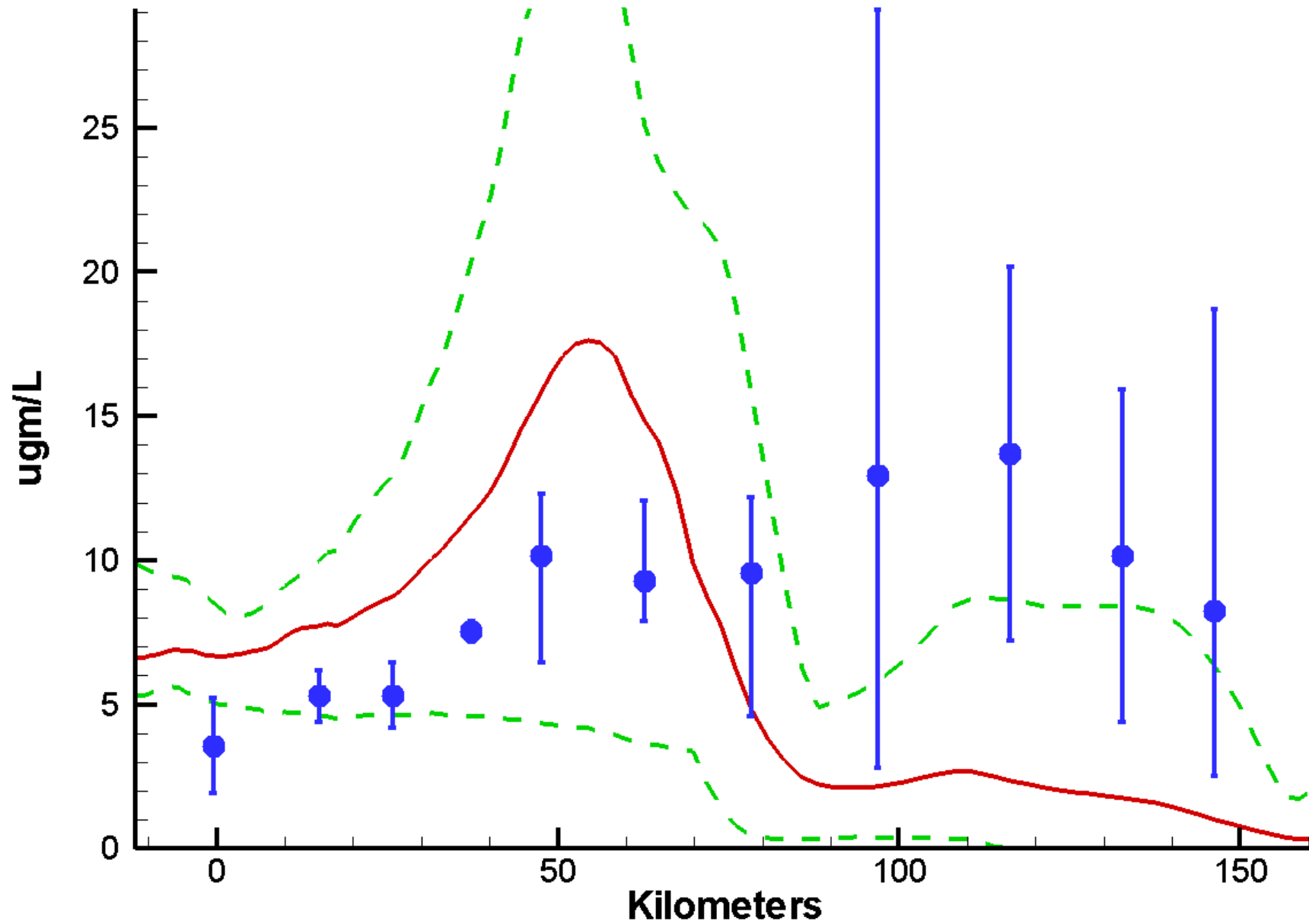
# Rappahannock River Ches2015 Run118

## Bottom Chlorophyll Winter 1999

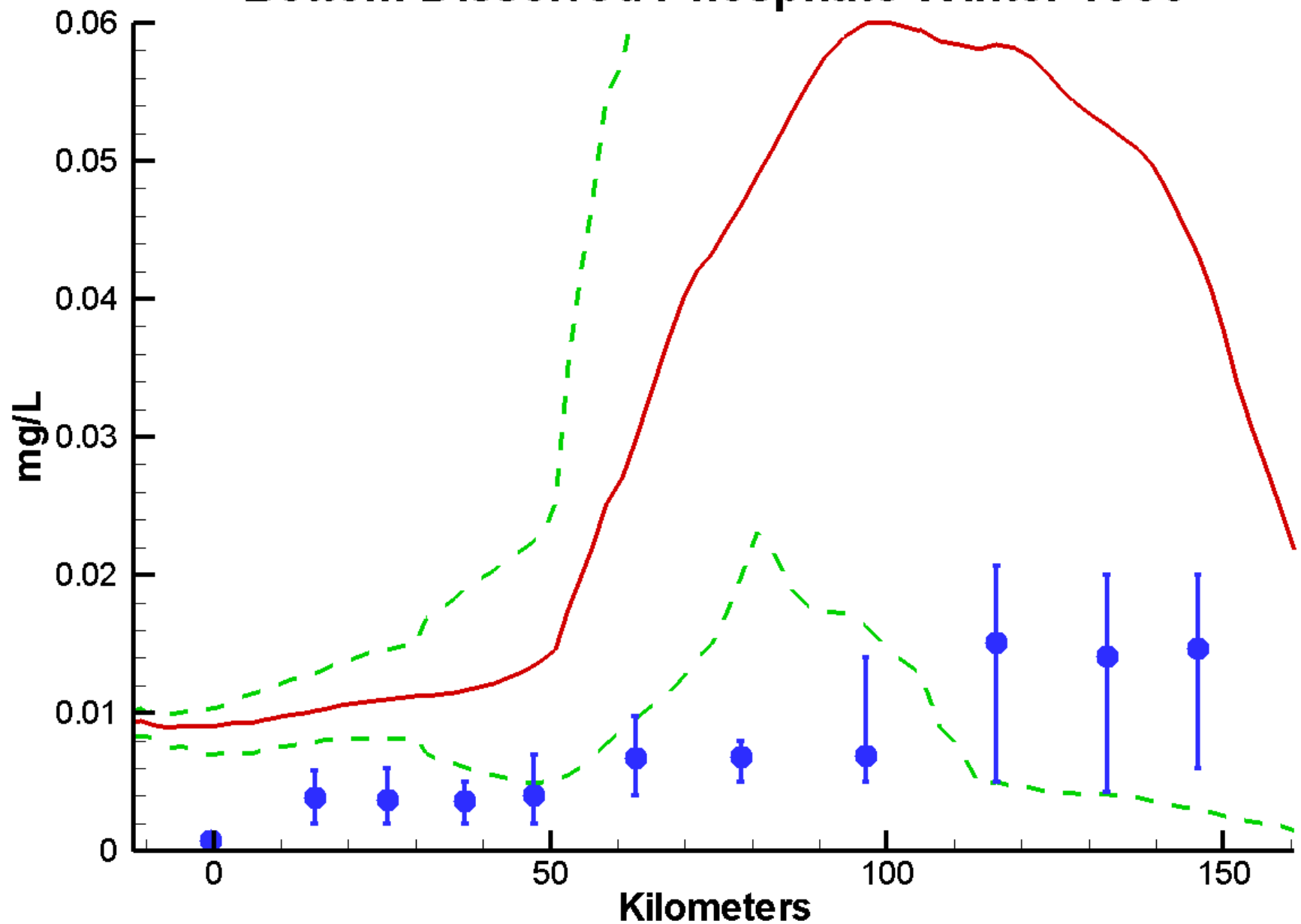


# Rappahannock River Ches2015 Run118

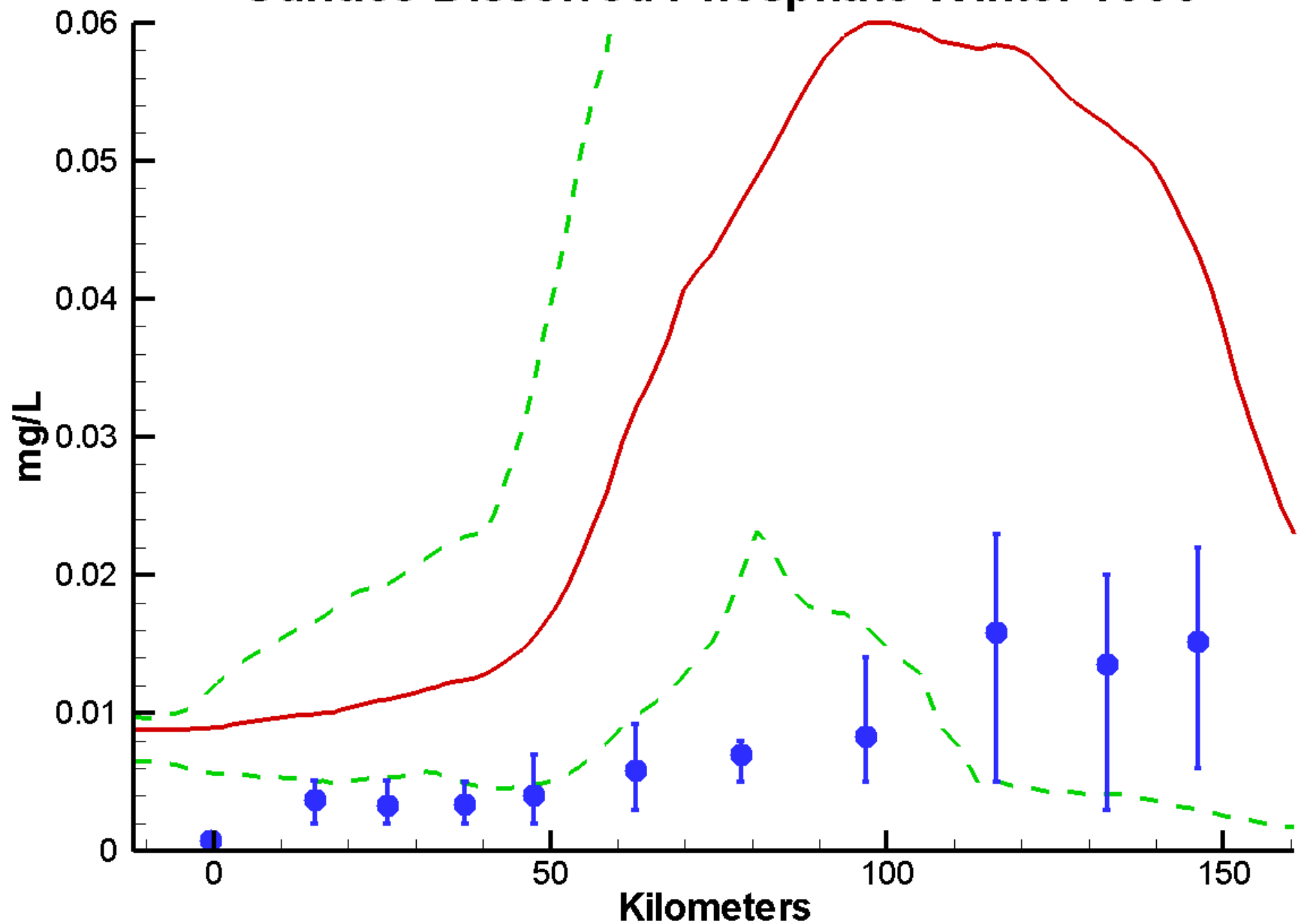
## Surface Chlorophyll Winter 1999



# Rappahannock River Ches2015 Run118 Bottom Dissolved Phosphate Winter 1999

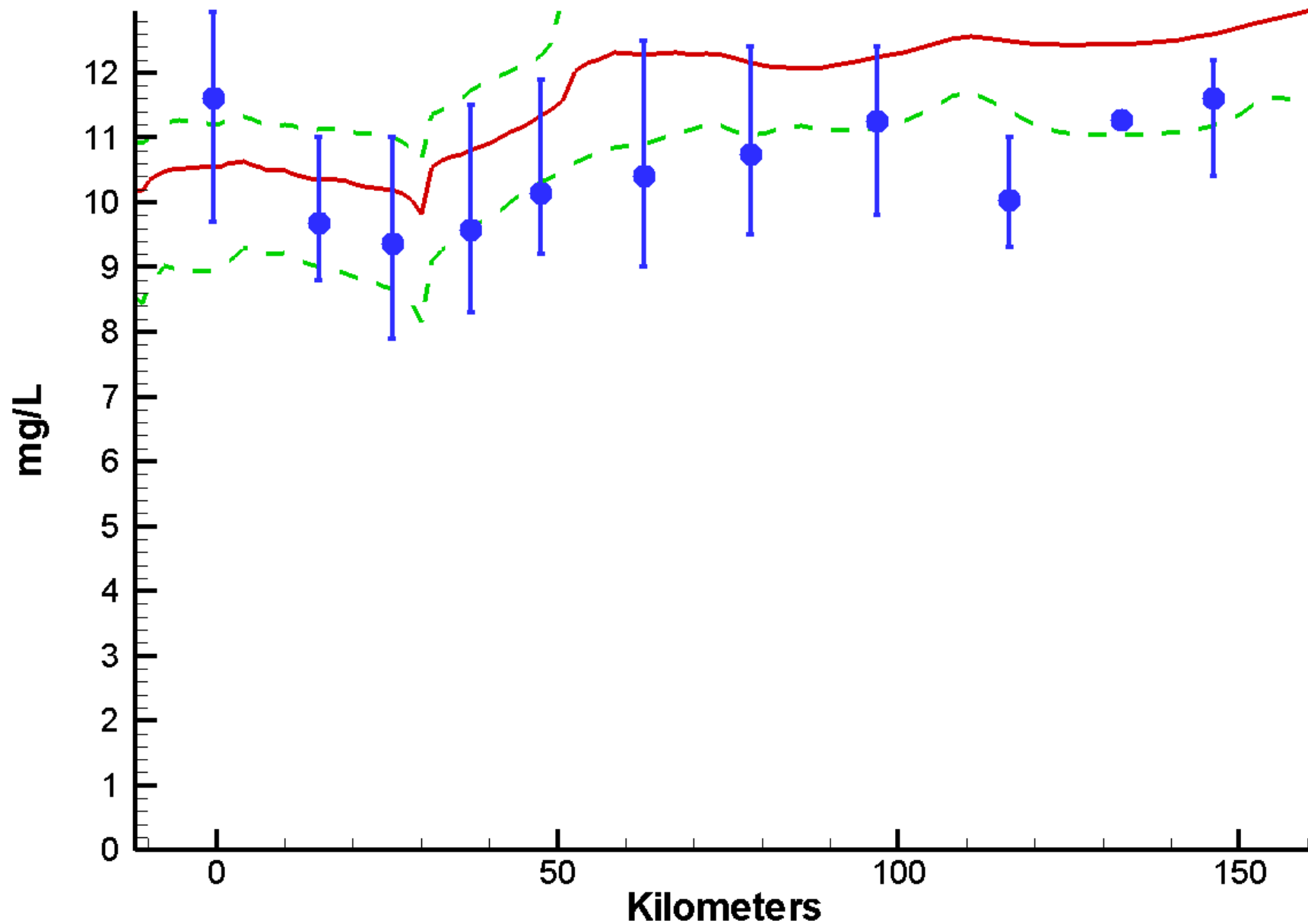


# Rappahannock River Ches2015 Run118 Surface Dissolved Phosphate Winter 1999

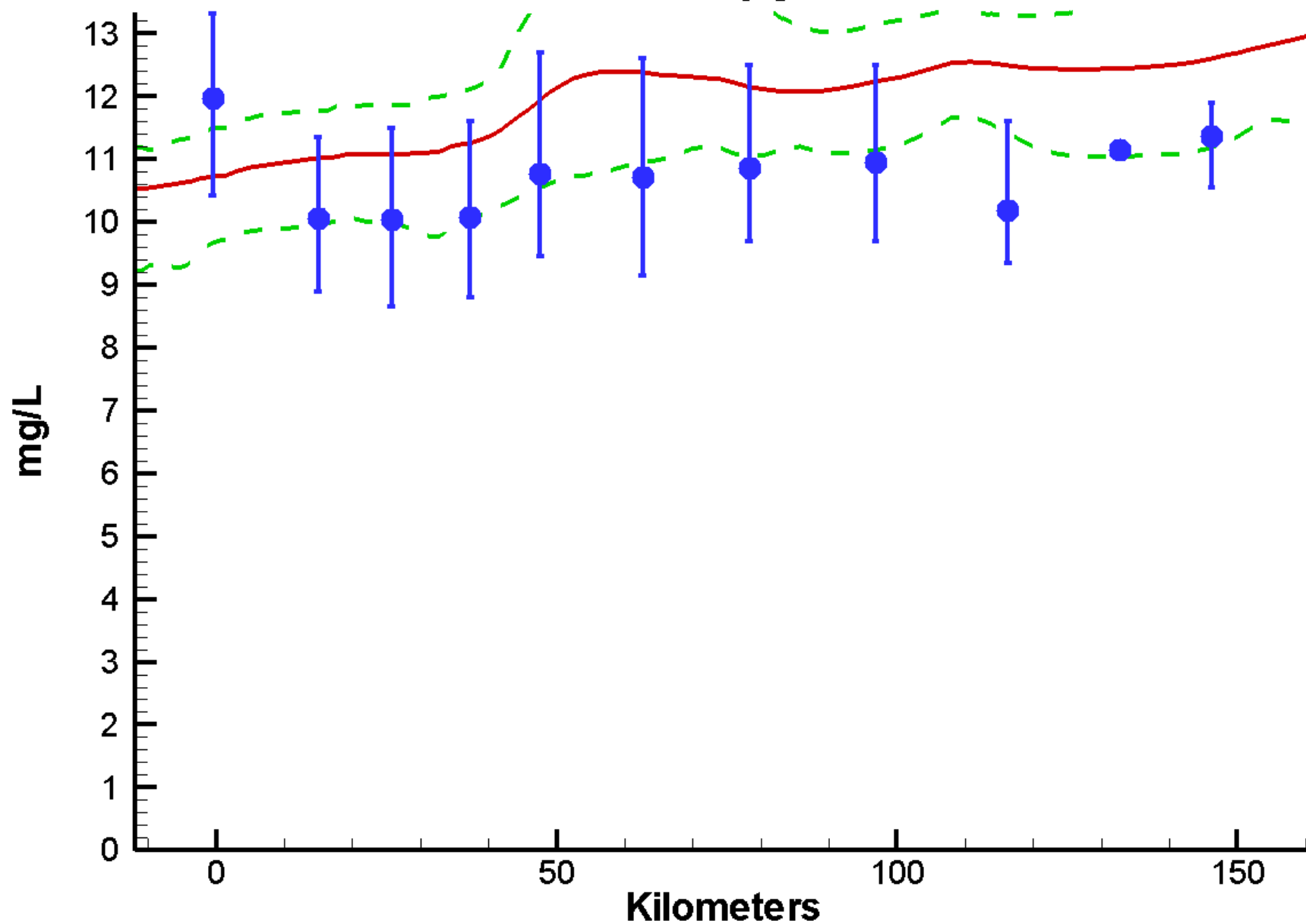


# Rappahannock River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1999

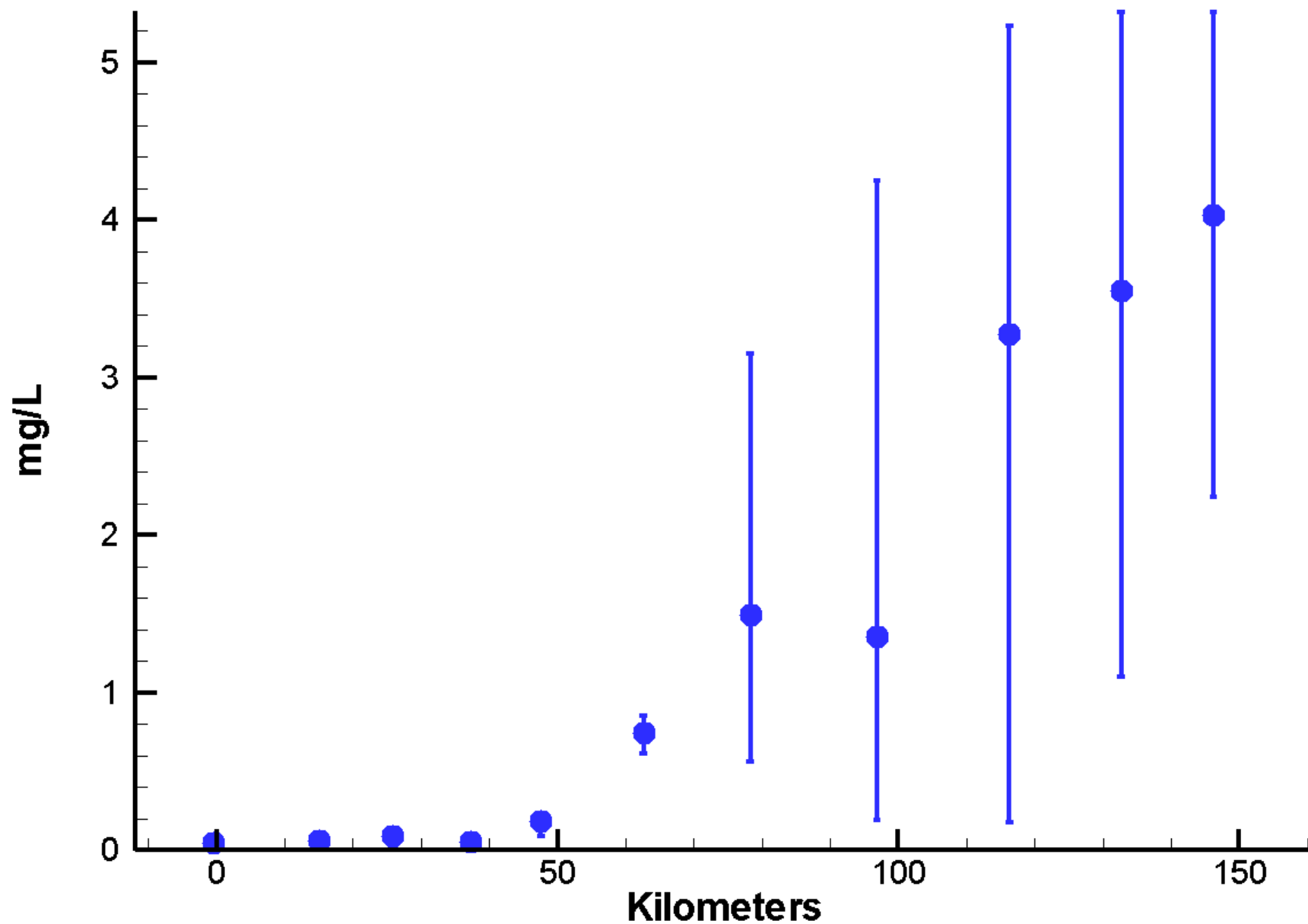


# Rappahannock River Ches2015 Run118 Surface Dissolved Oxygen Winter 1999



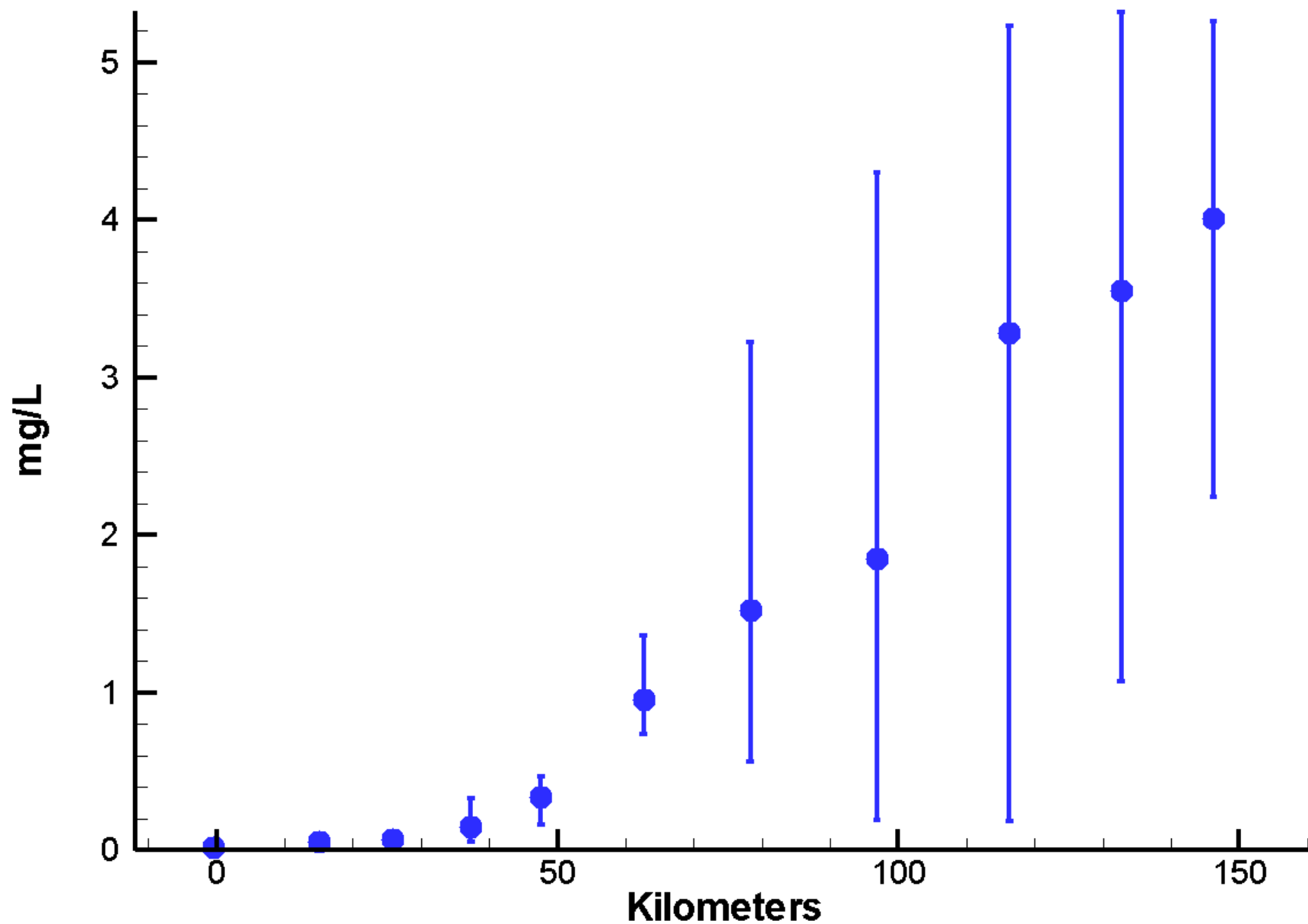
# Rappahannock River Ches2015 Run118

## Bottom Dissolved Silica Winter 1999



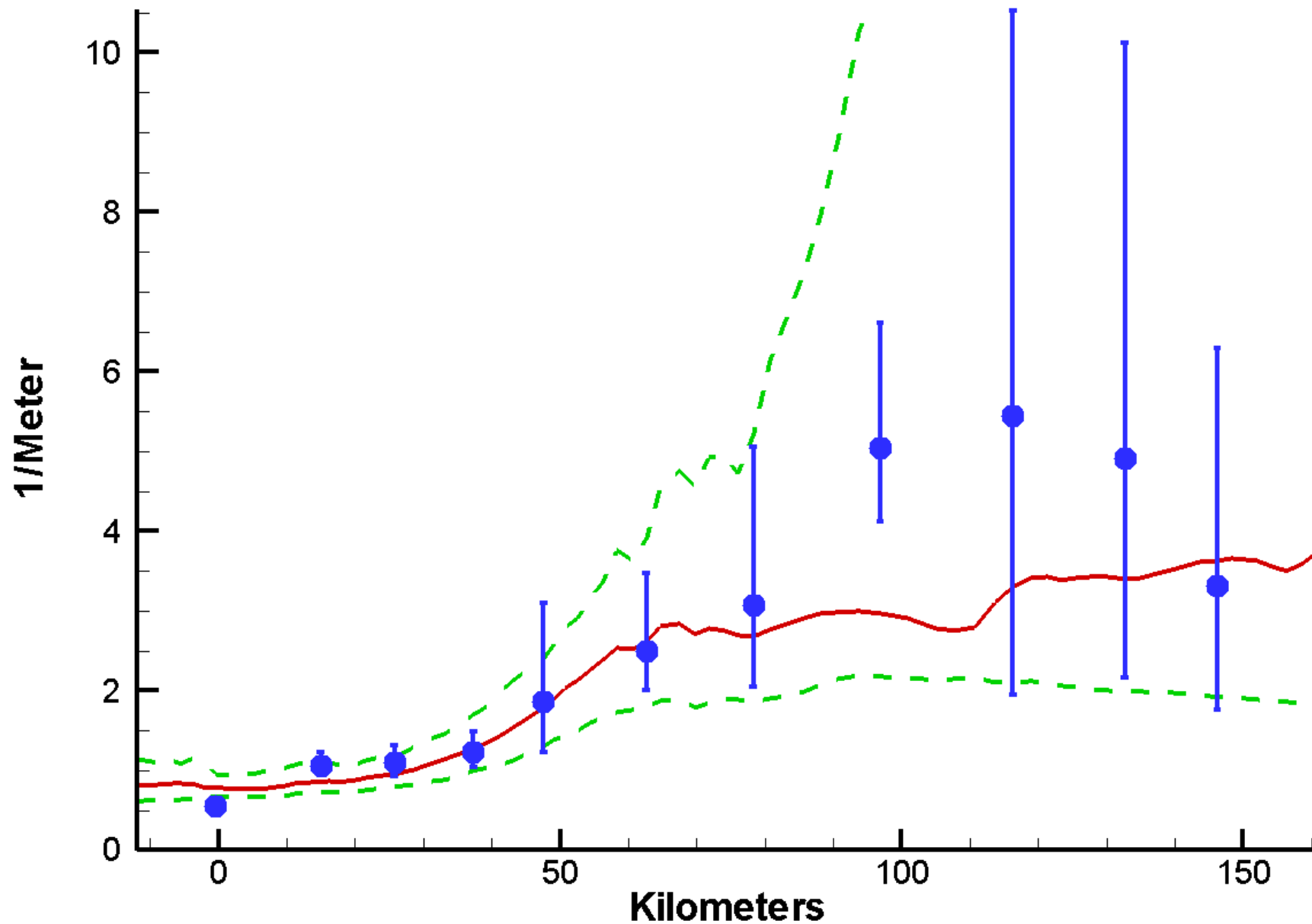
# Rappahannock River Ches2015 Run118

## Surface Dissolved Silica Winter 1999



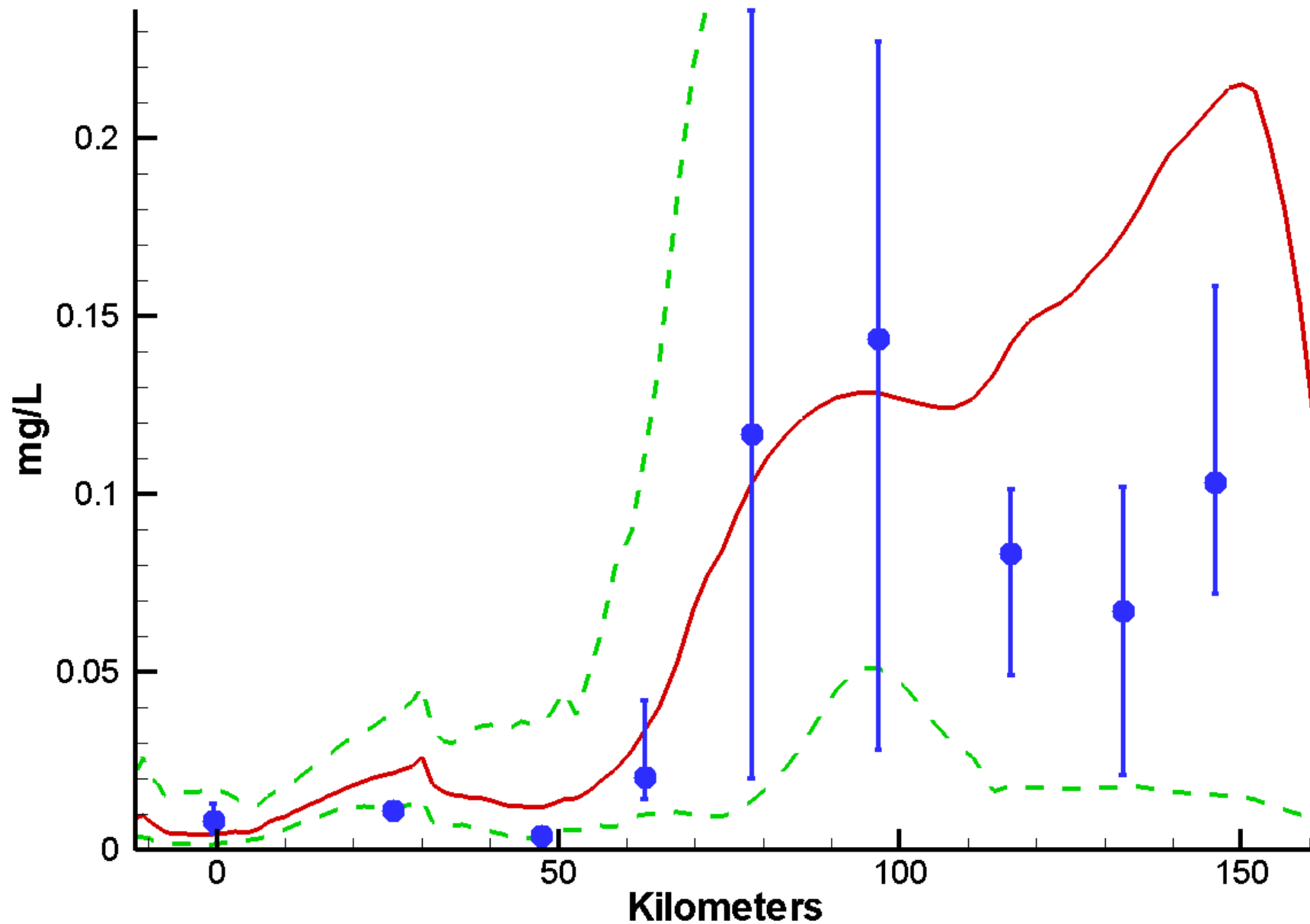


# Rappahannock River Ches2015 Run118 Surface Light Extinction Winter 1999



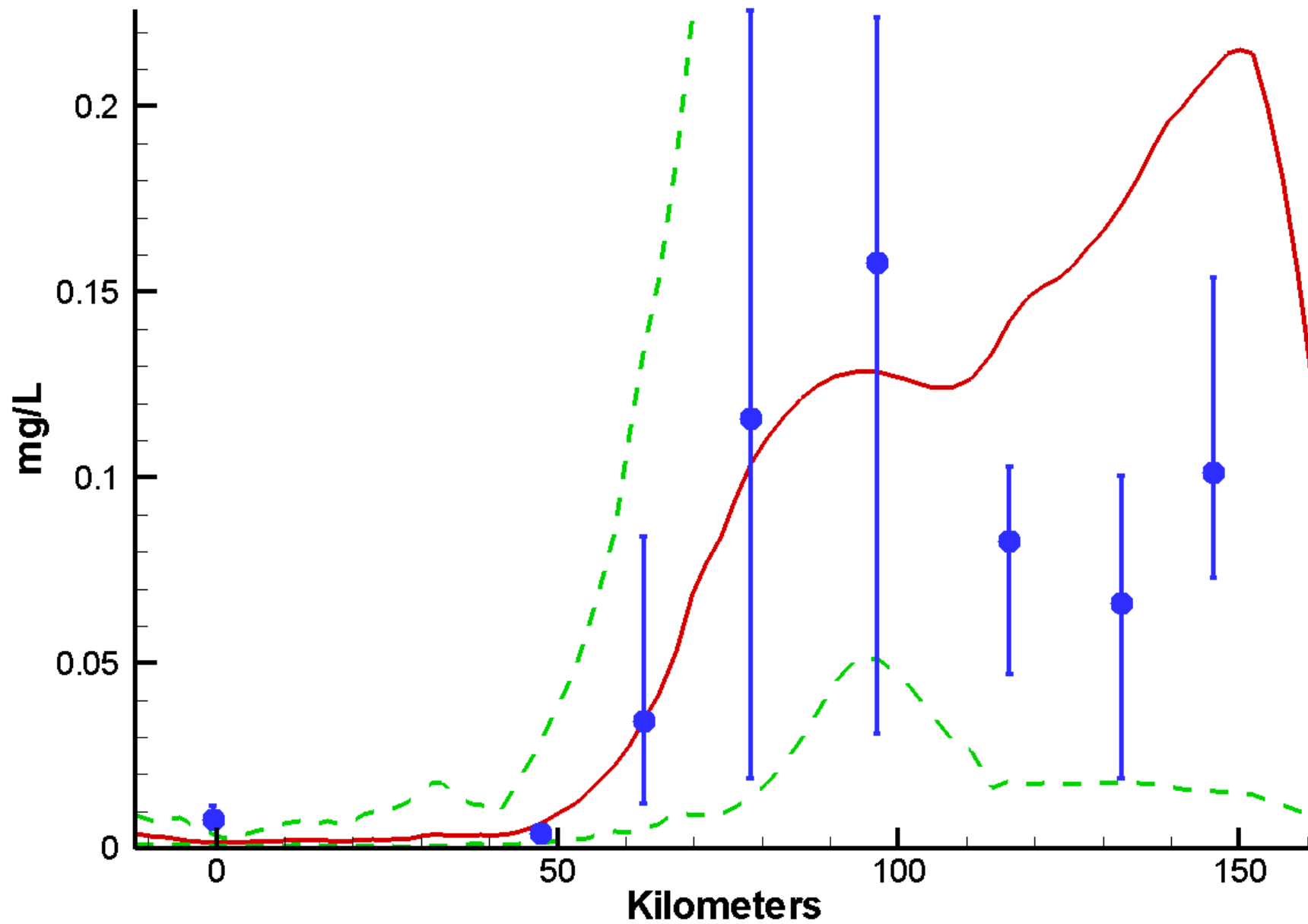
# Rappahannock River Ches2015 Run118

## Bottom Ammonium Winter 1999



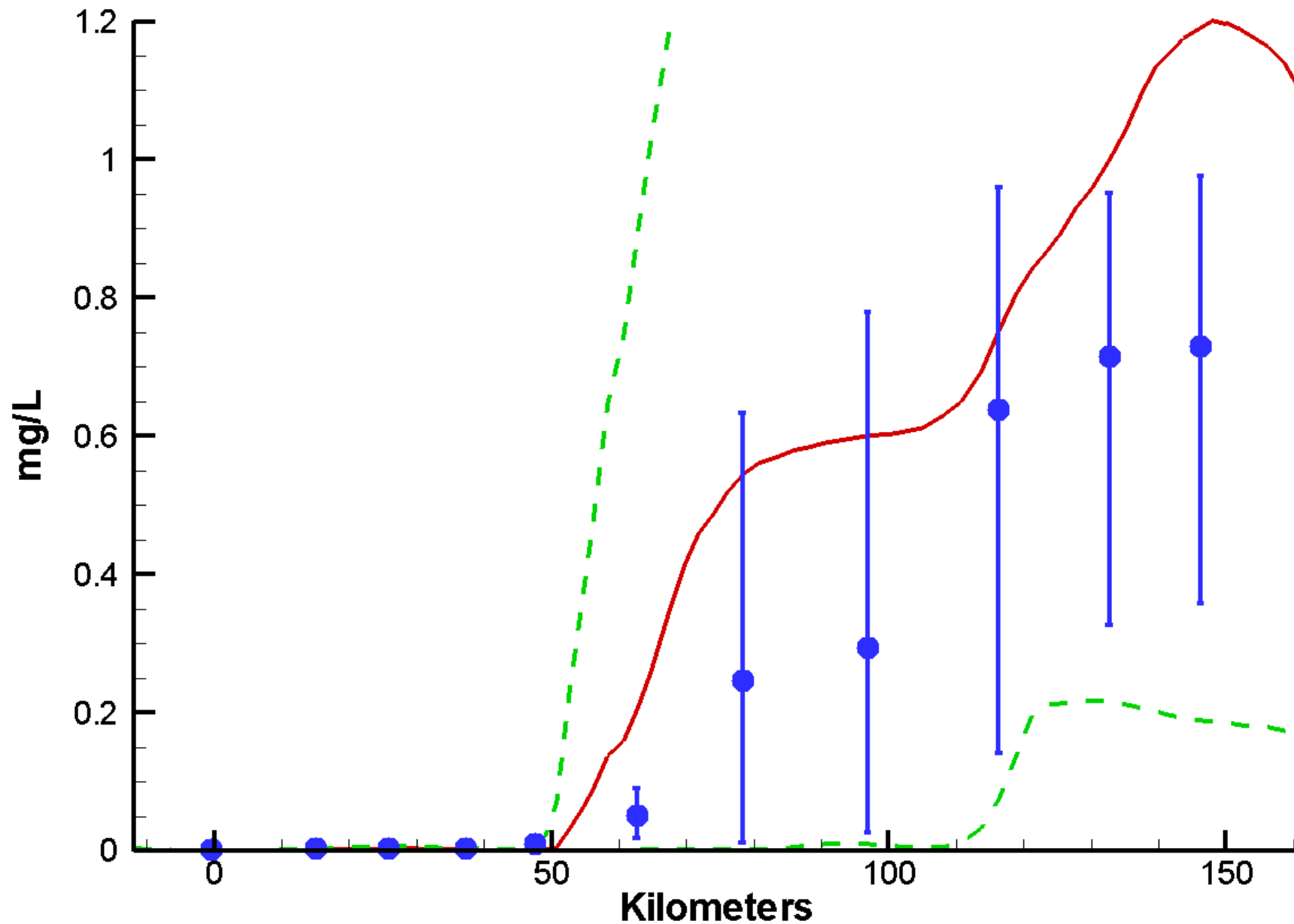
# Rappahannock River Ches2015 Run118

## Surface Ammonium Winter 1999



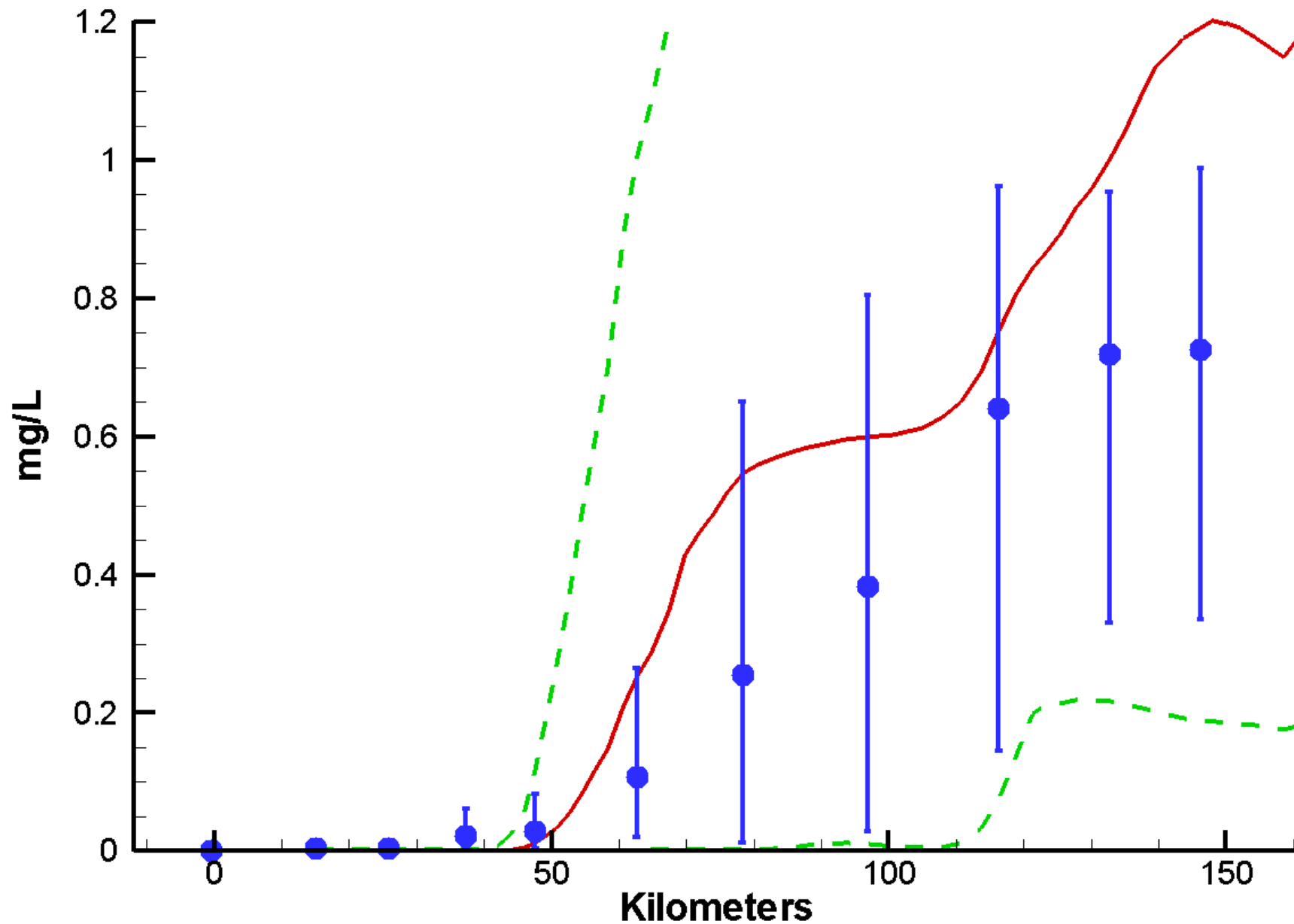
# Rappahannock River Ches2015 Run118

## Bottom Nitrate Winter 1999



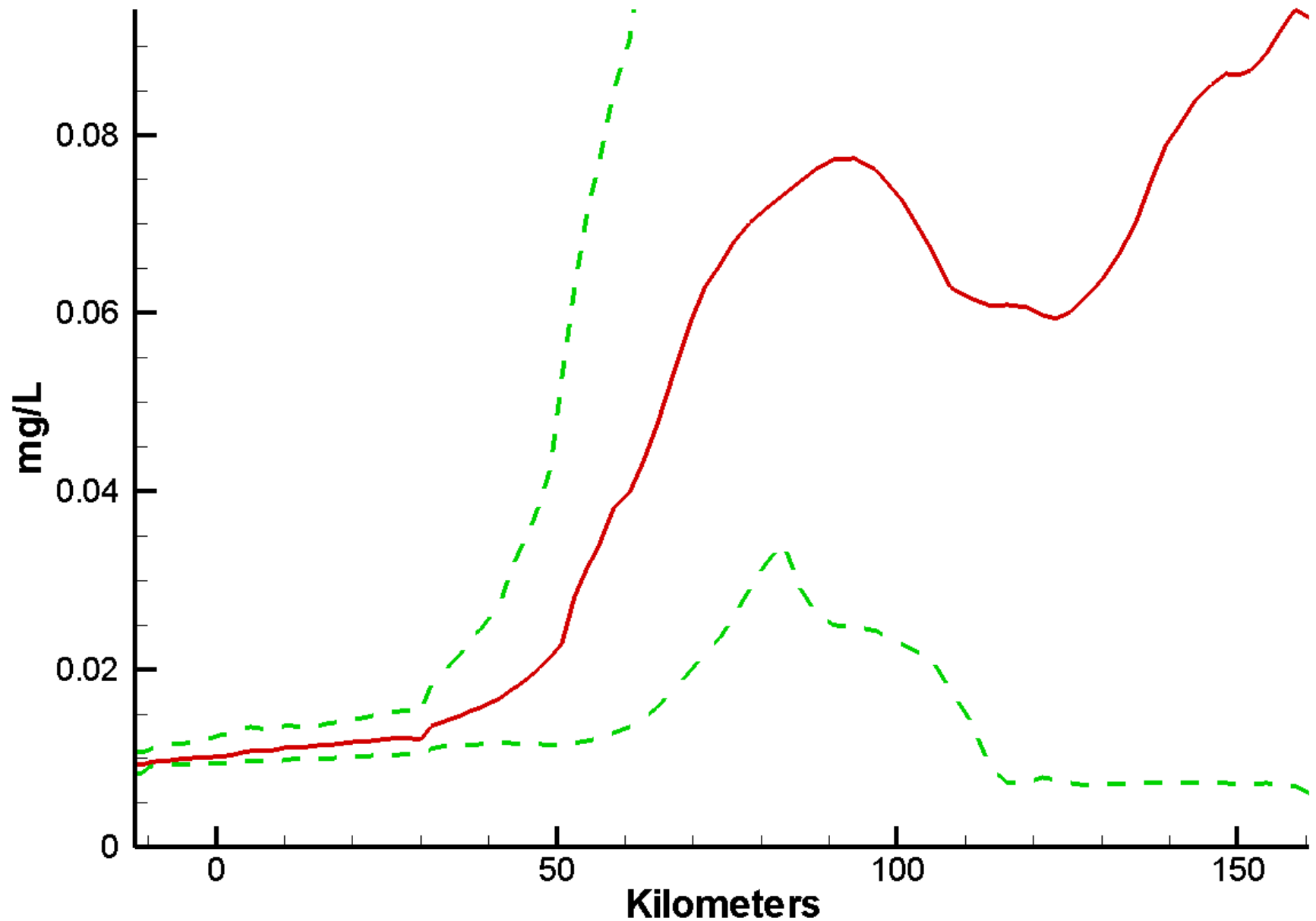
# Rappahannock River Ches2015 Run118

## Surface Nitrate Winter 1999



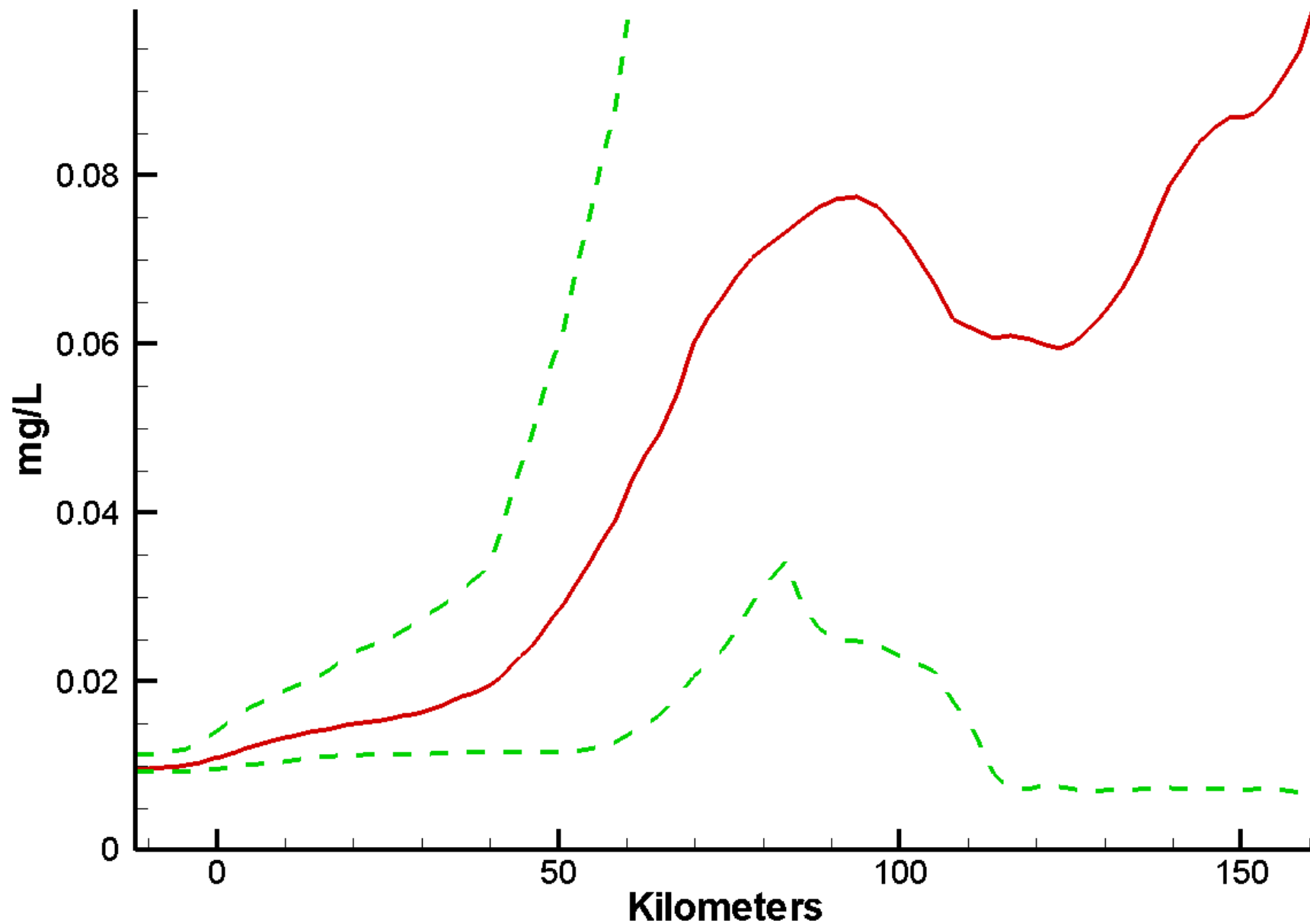
# Rappahannock River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1999



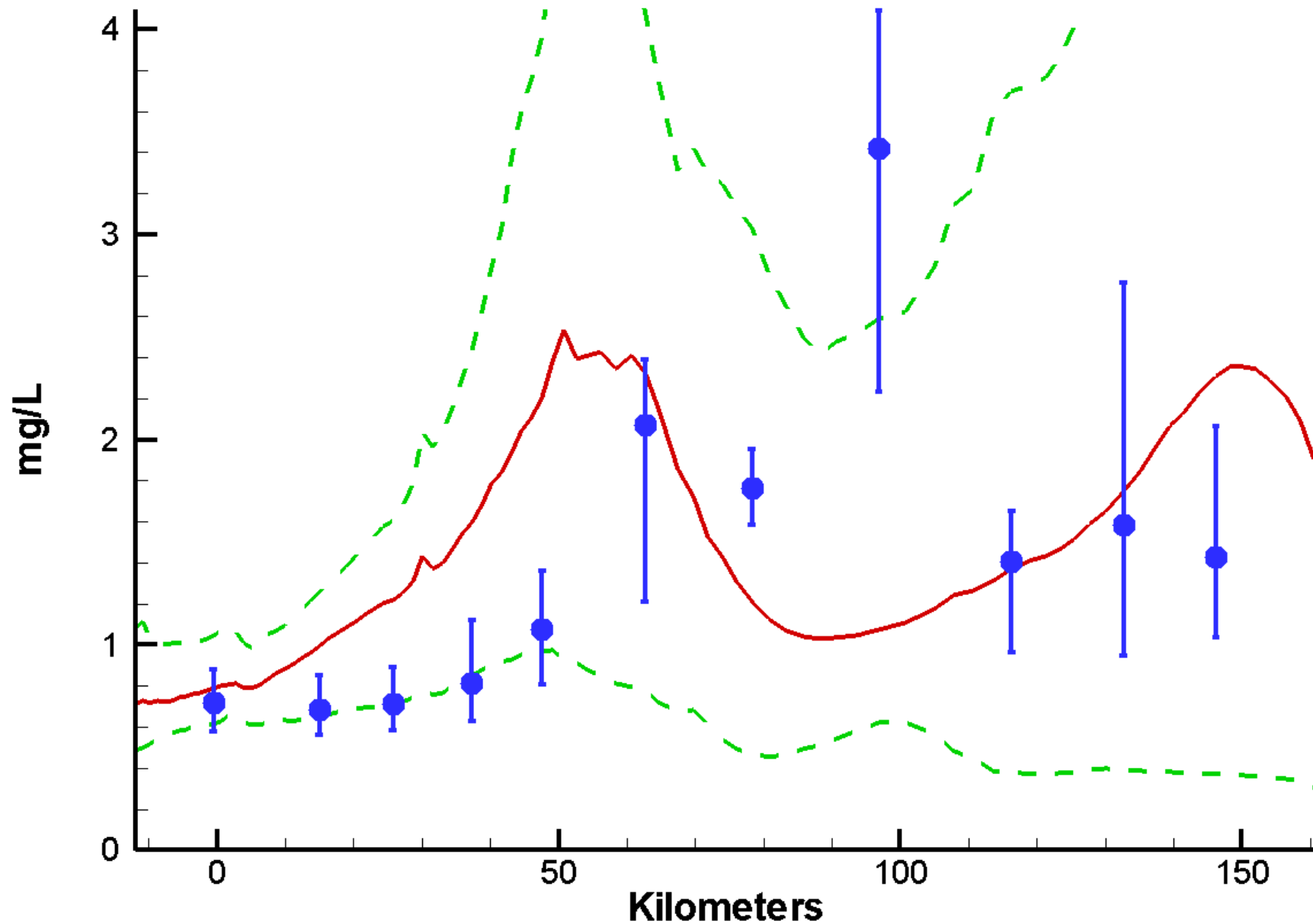
# Rappahannock River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1999



# Rappahannock River Ches2015 Run118

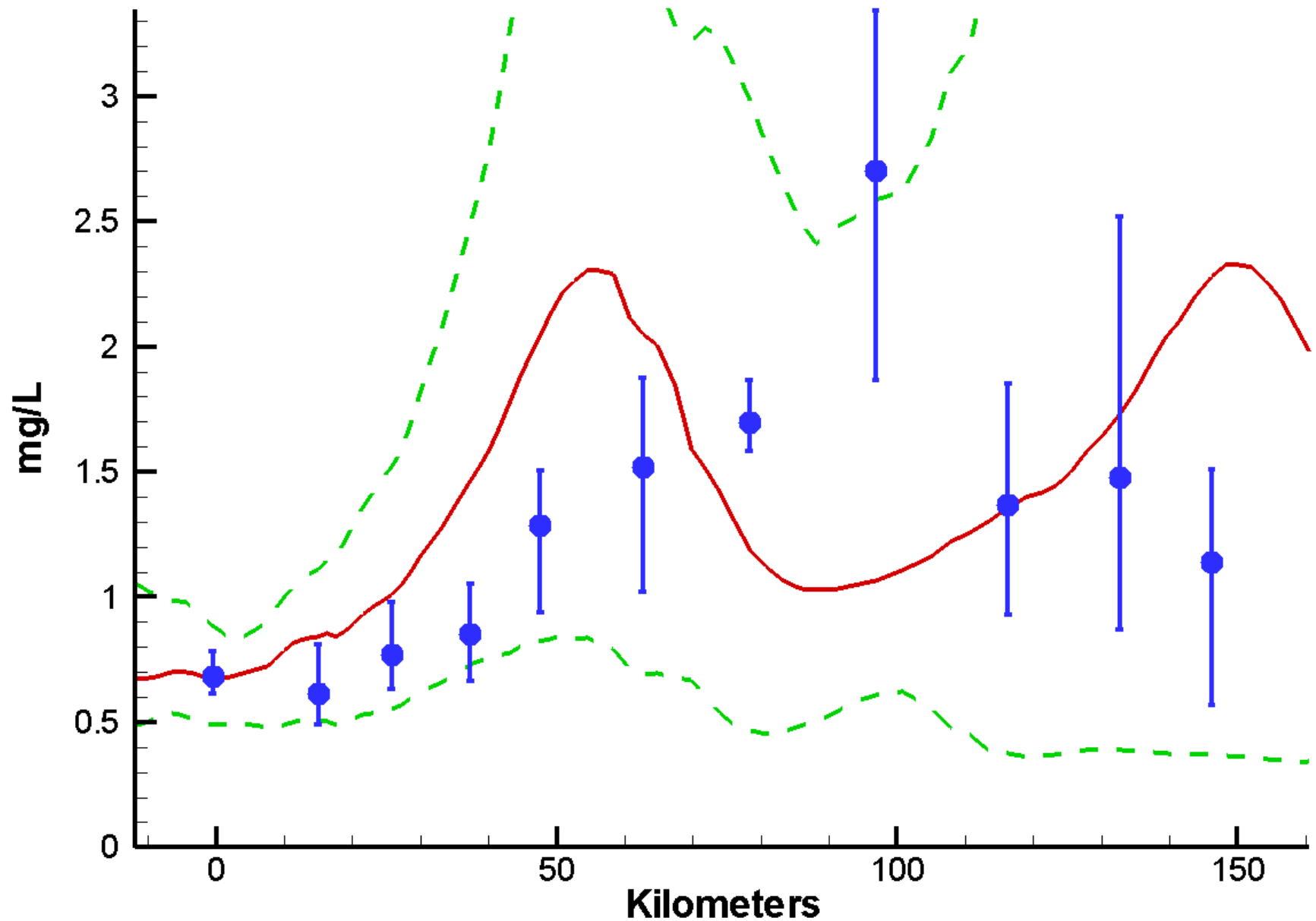
## Bottom Particulate Organic Carbon Winter 1999





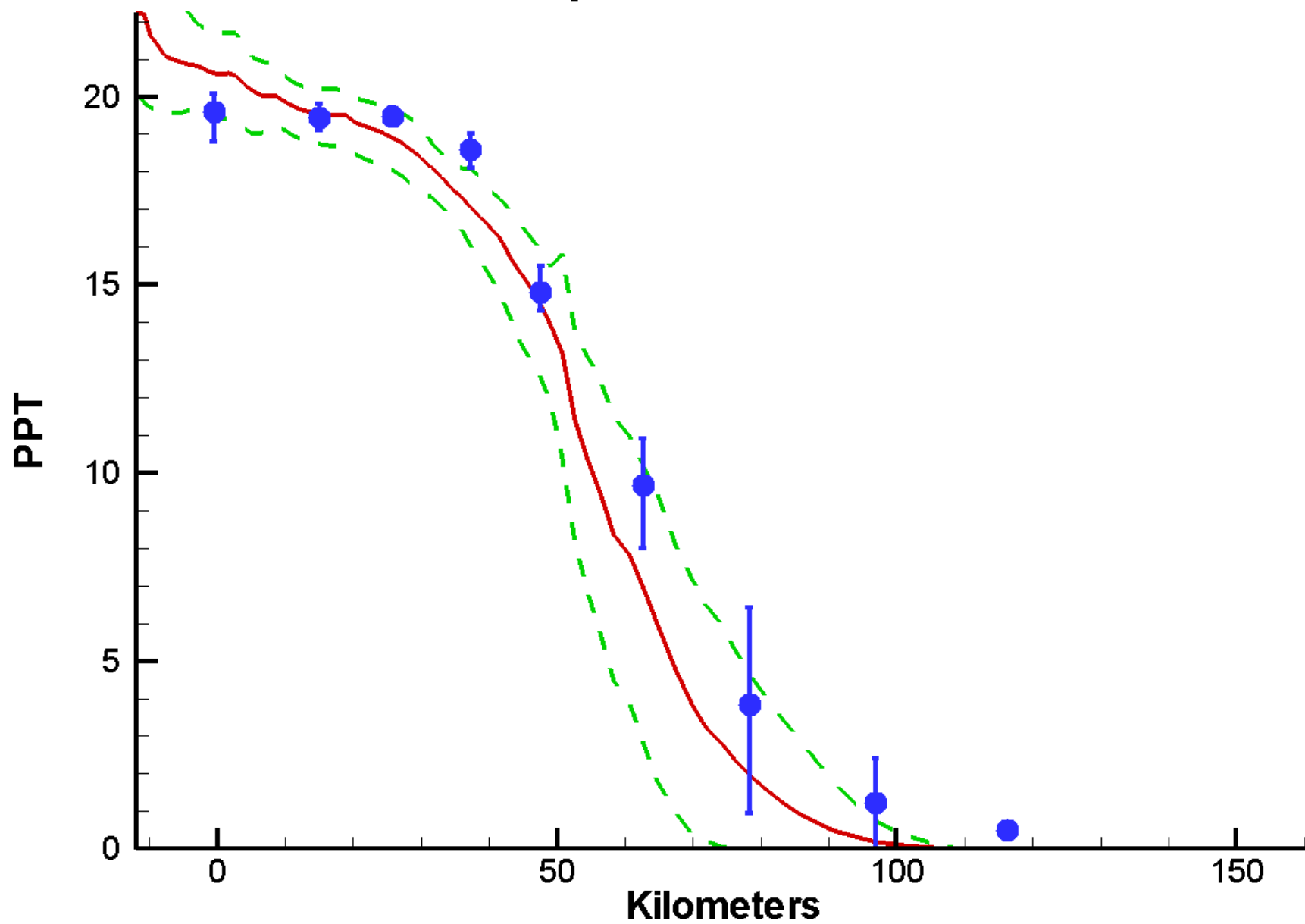
# Rappahannock River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1999



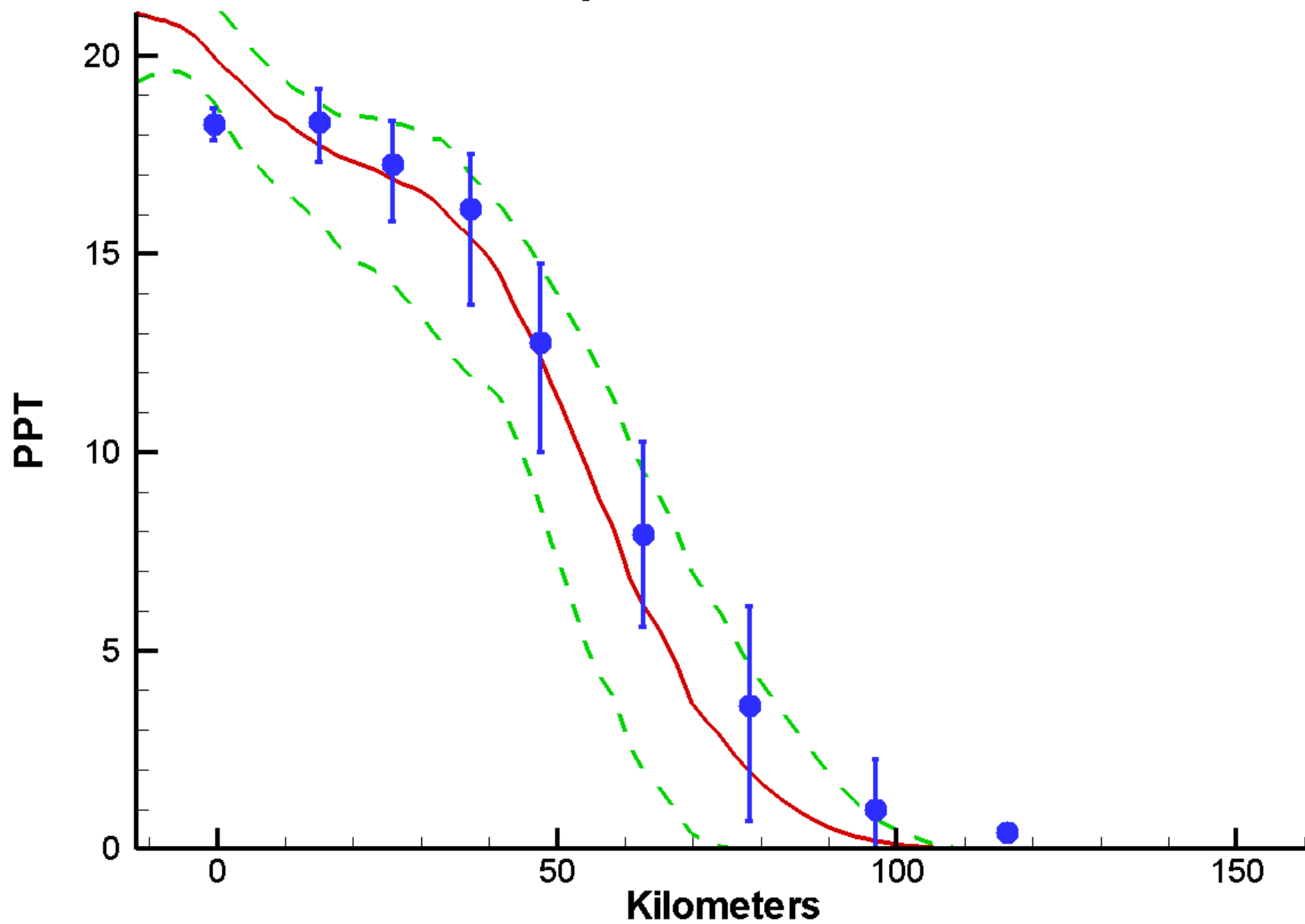
# Rappahannock River Ches2015 Run118

## Bottom Salinity Winter 1999



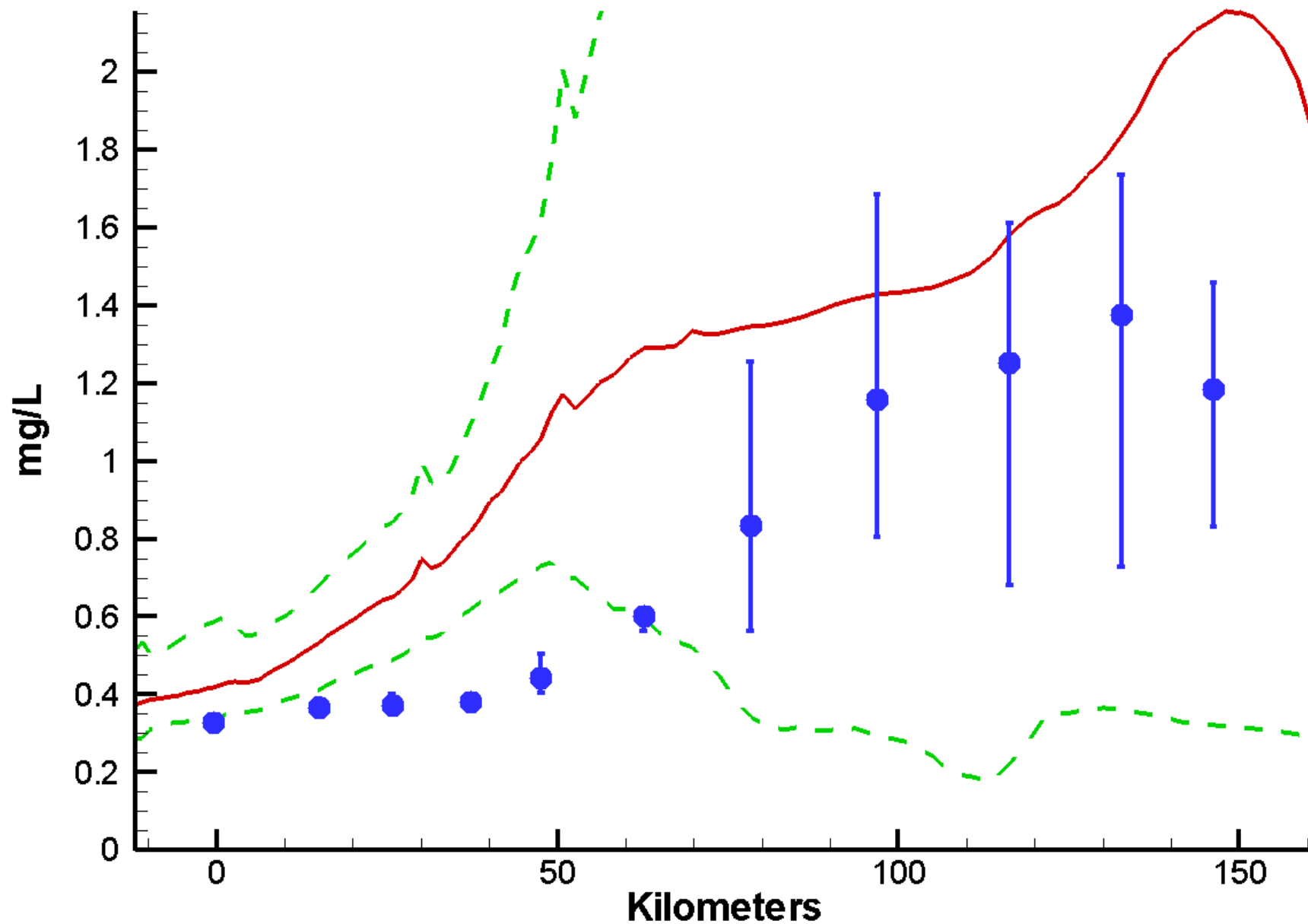
# Rappahannock River Ches2015 Run118

## Surface Salinity Winter 1999



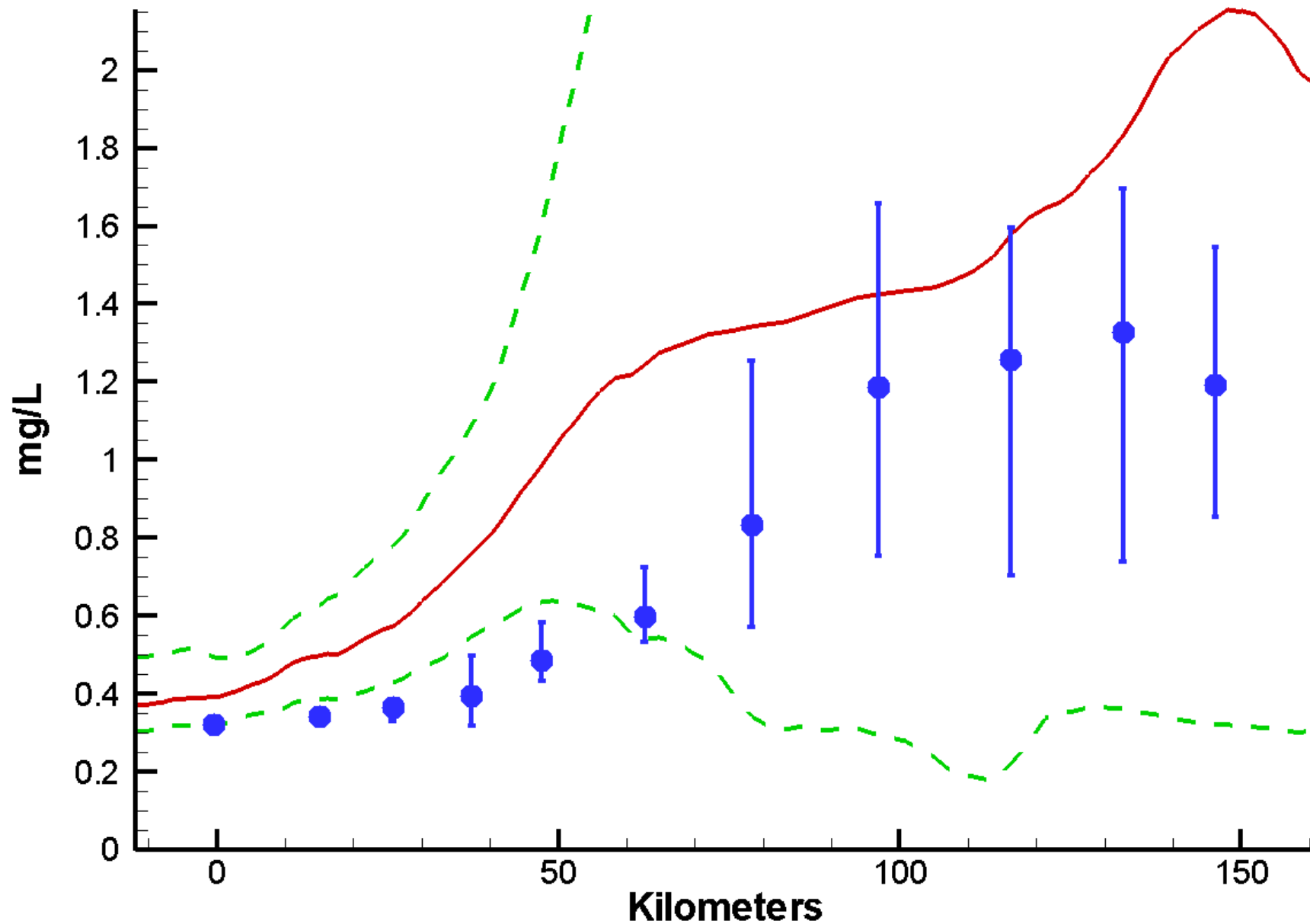
# Rappahannock River Ches2015 Run118

## Bottom Total Nitrogen Winter 1999

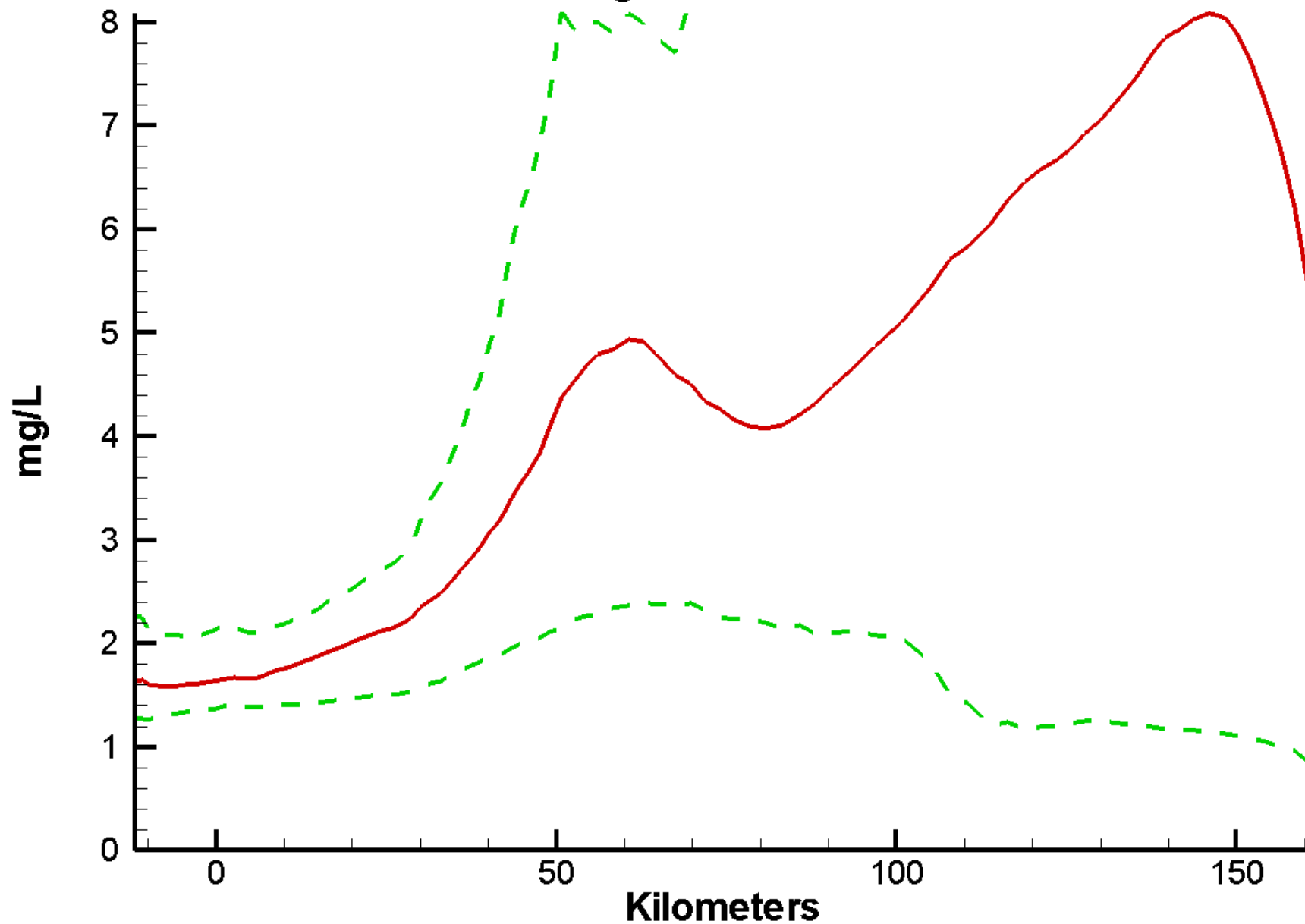


# Rappahannock River Ches2015 Run118

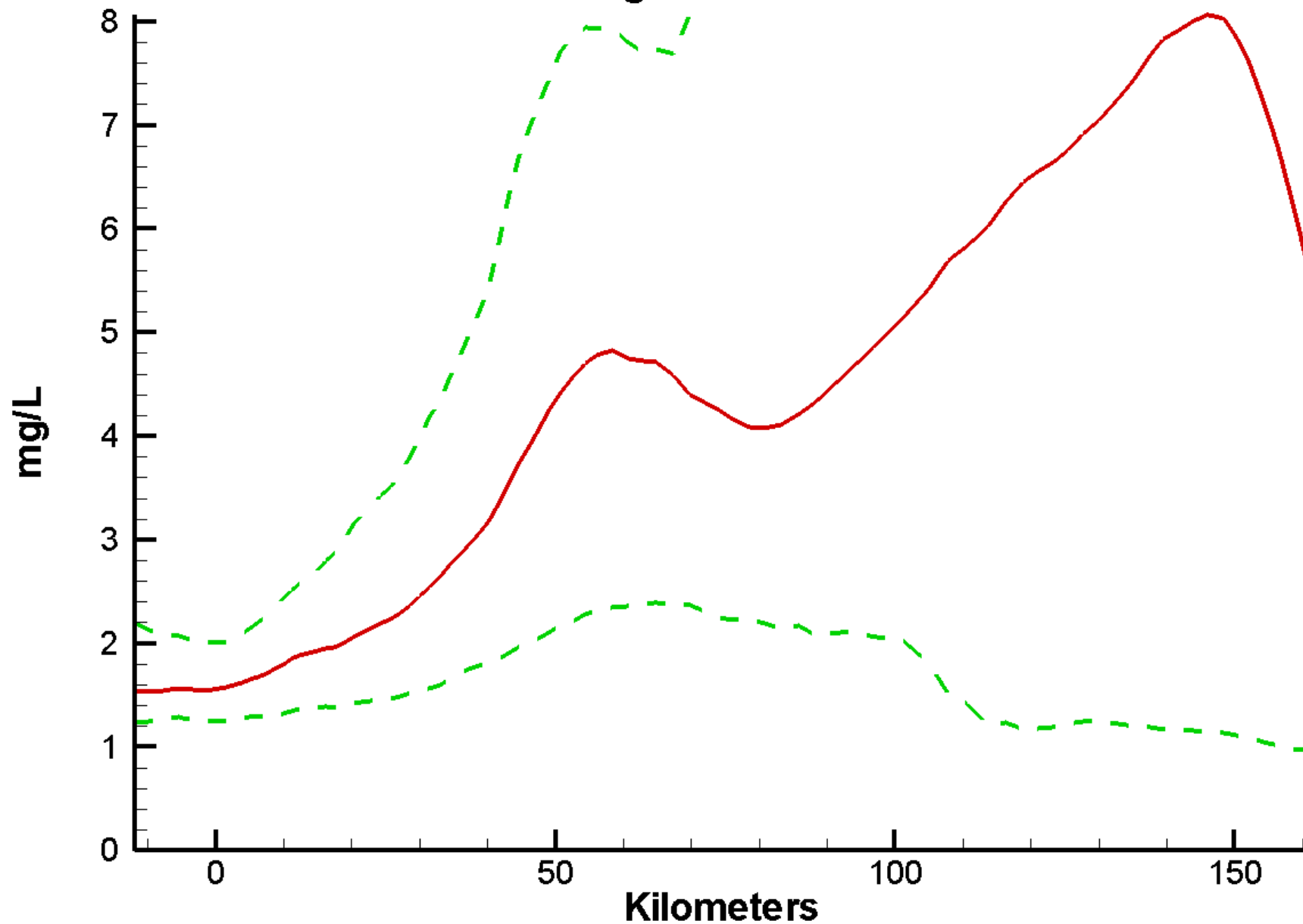
## Surface Total Nitrogen Winter 1999



# Rappahannock River Ches2015 Run118 Bottom Total Organic Carbon Winter 1999

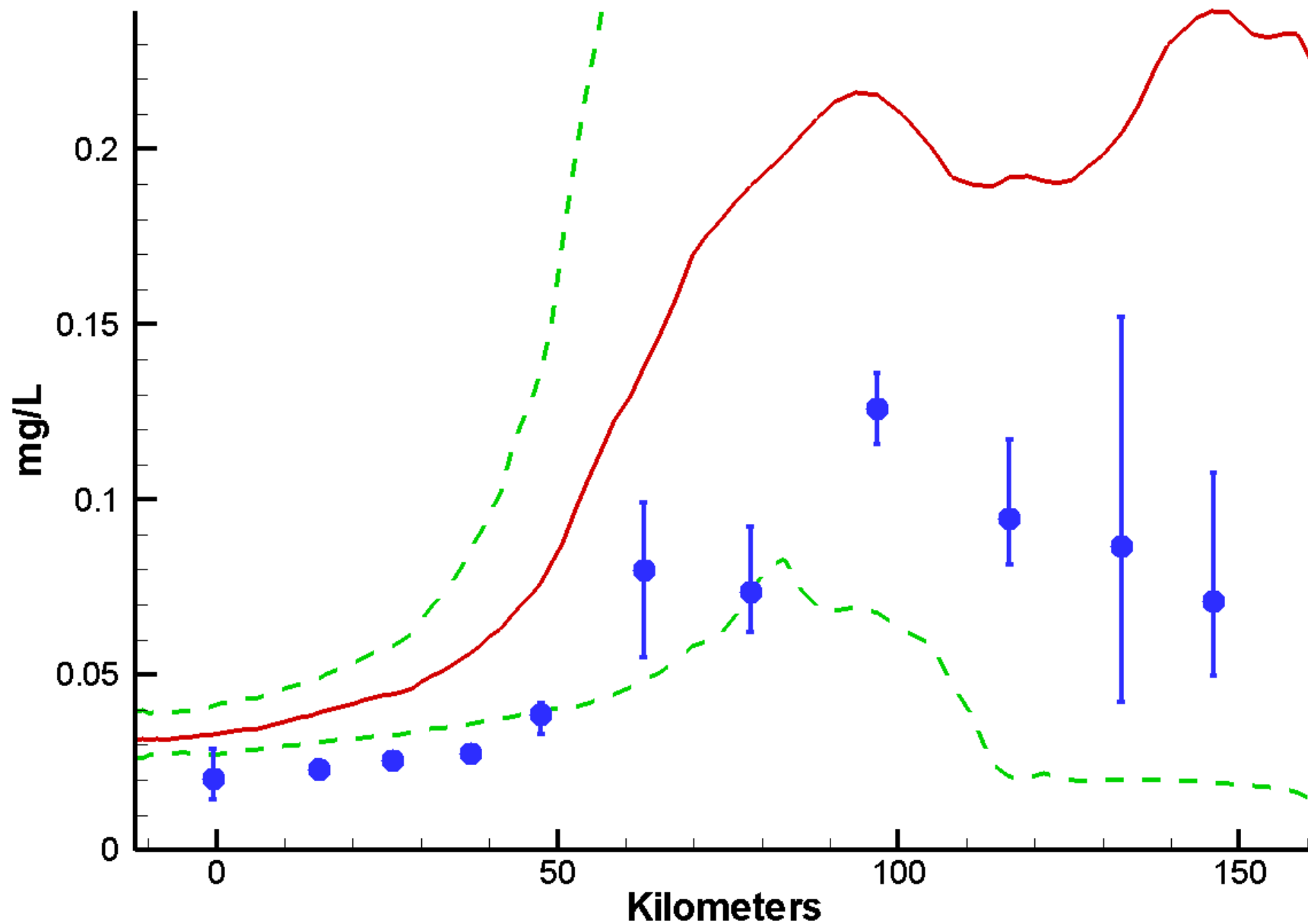


# Rappahannock River Ches2015 Run118 Surface Total Organic Carbon Winter 1999



# Rappahannock River Ches2015 Run118

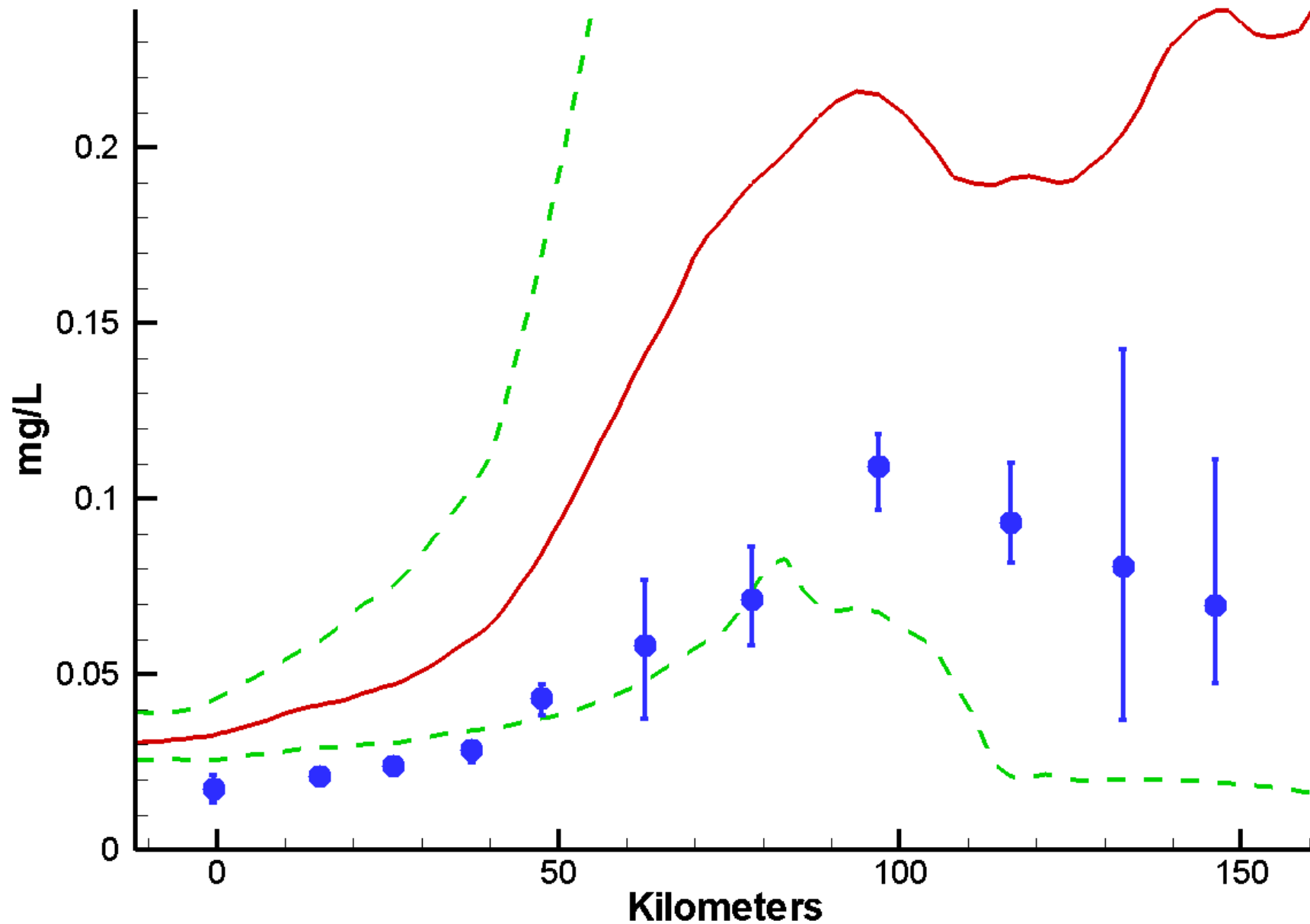
## Bottom Total Phosphorus Winter 1999





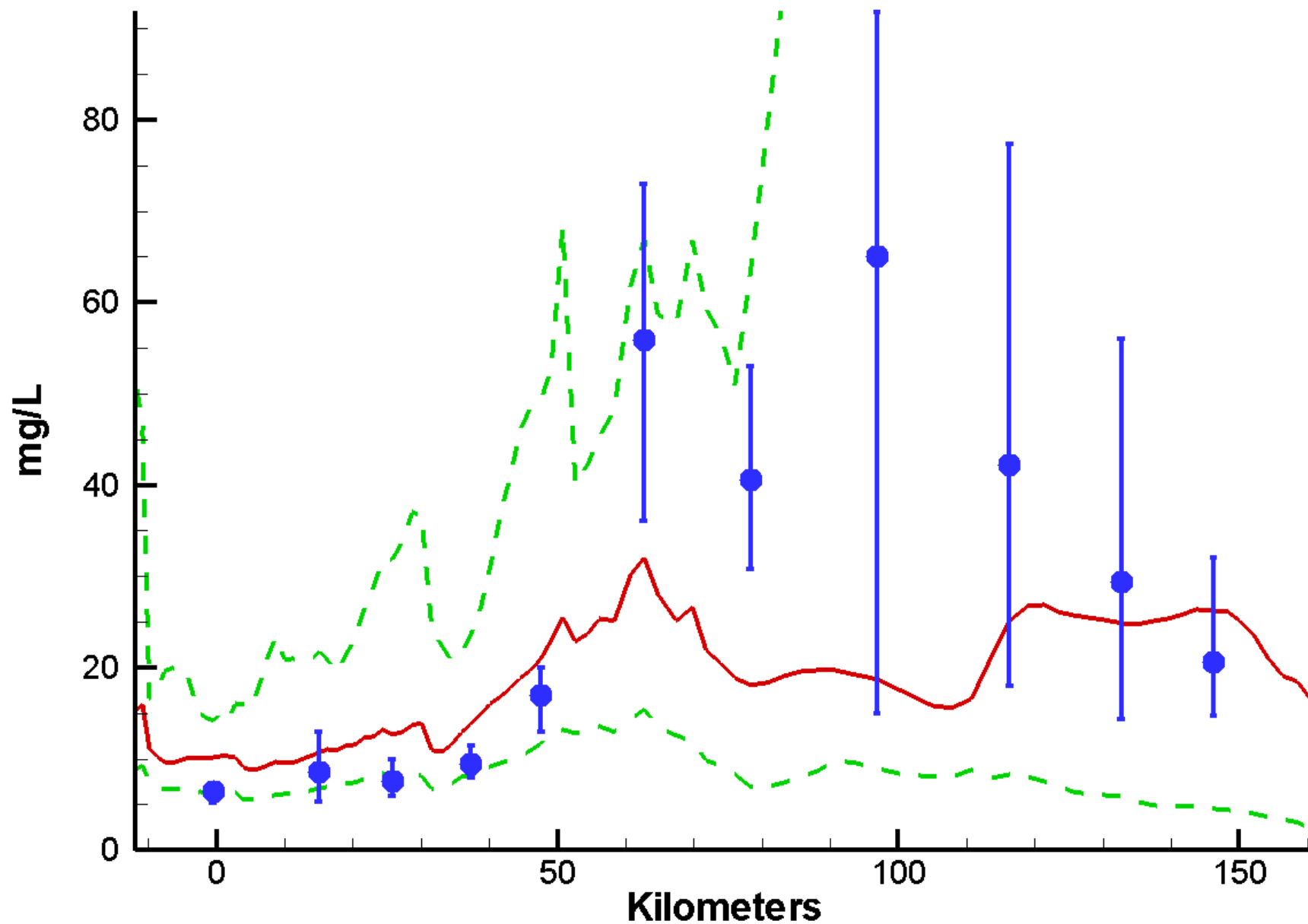
# Rappahannock River Ches2015 Run118

## Surface Total Phosphorus Winter 1999



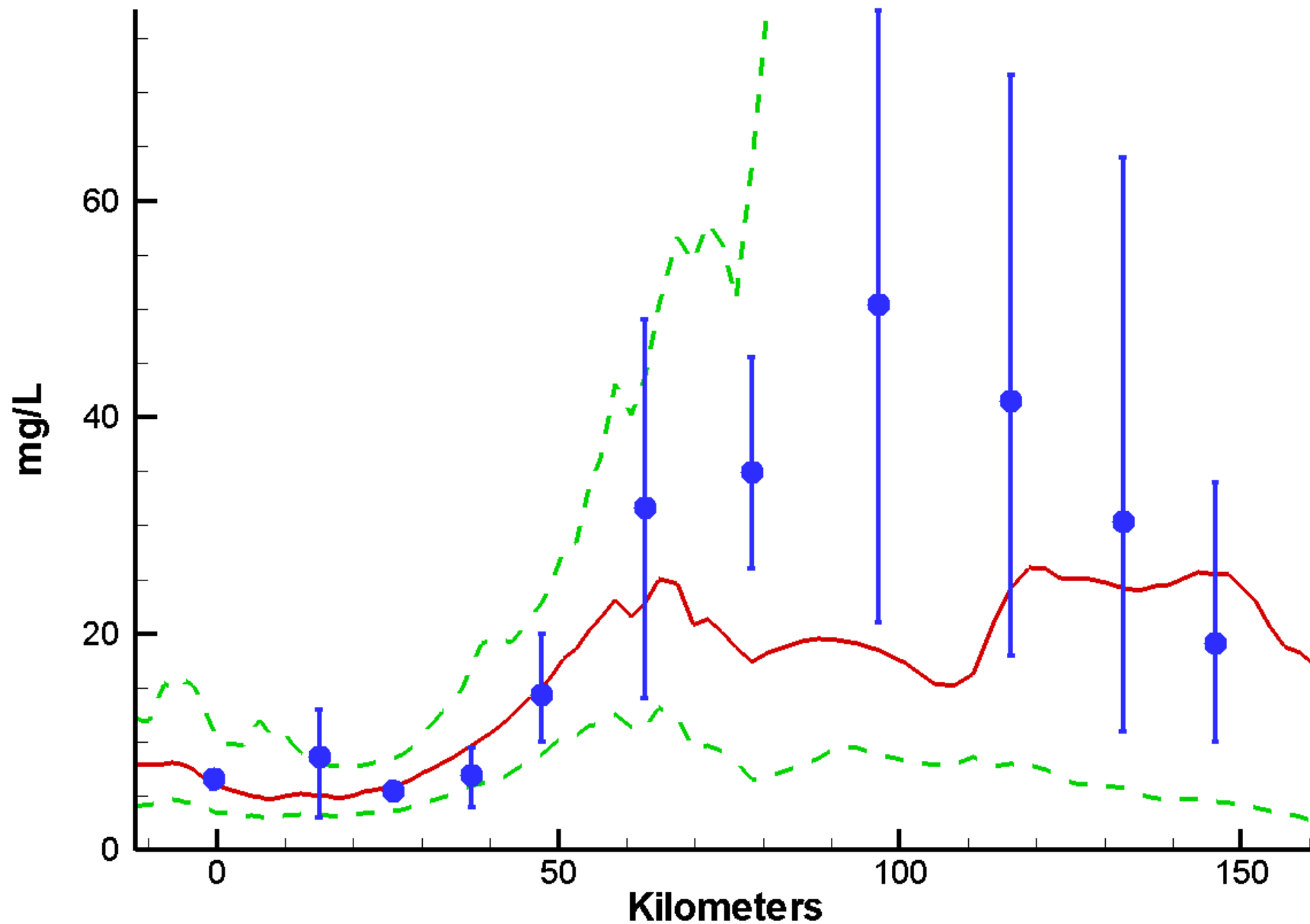
# Rappahannock River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1999



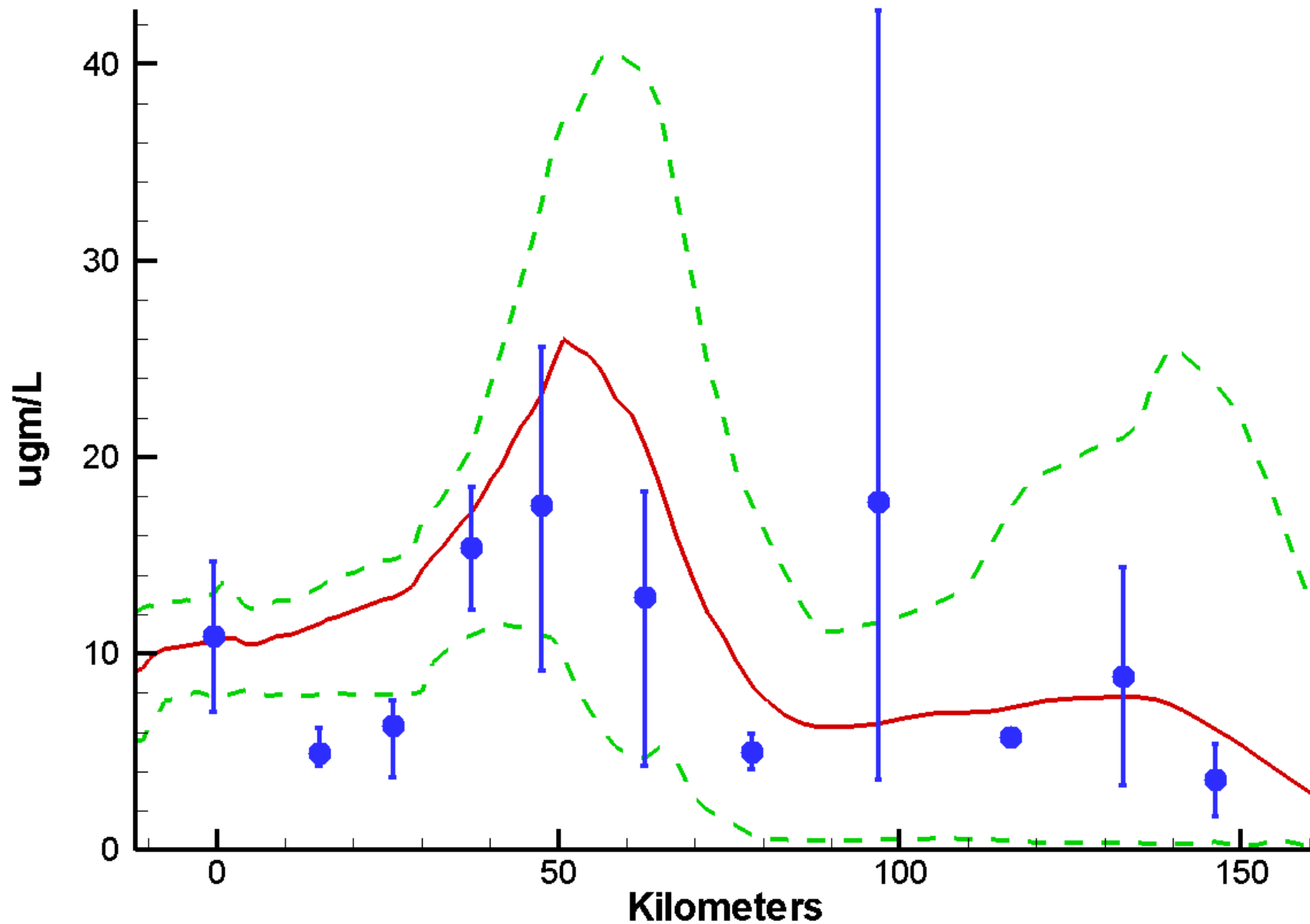
# Rappahannock River Ches2015 Run118

## Surface Total Suspended Solids Winter 1999



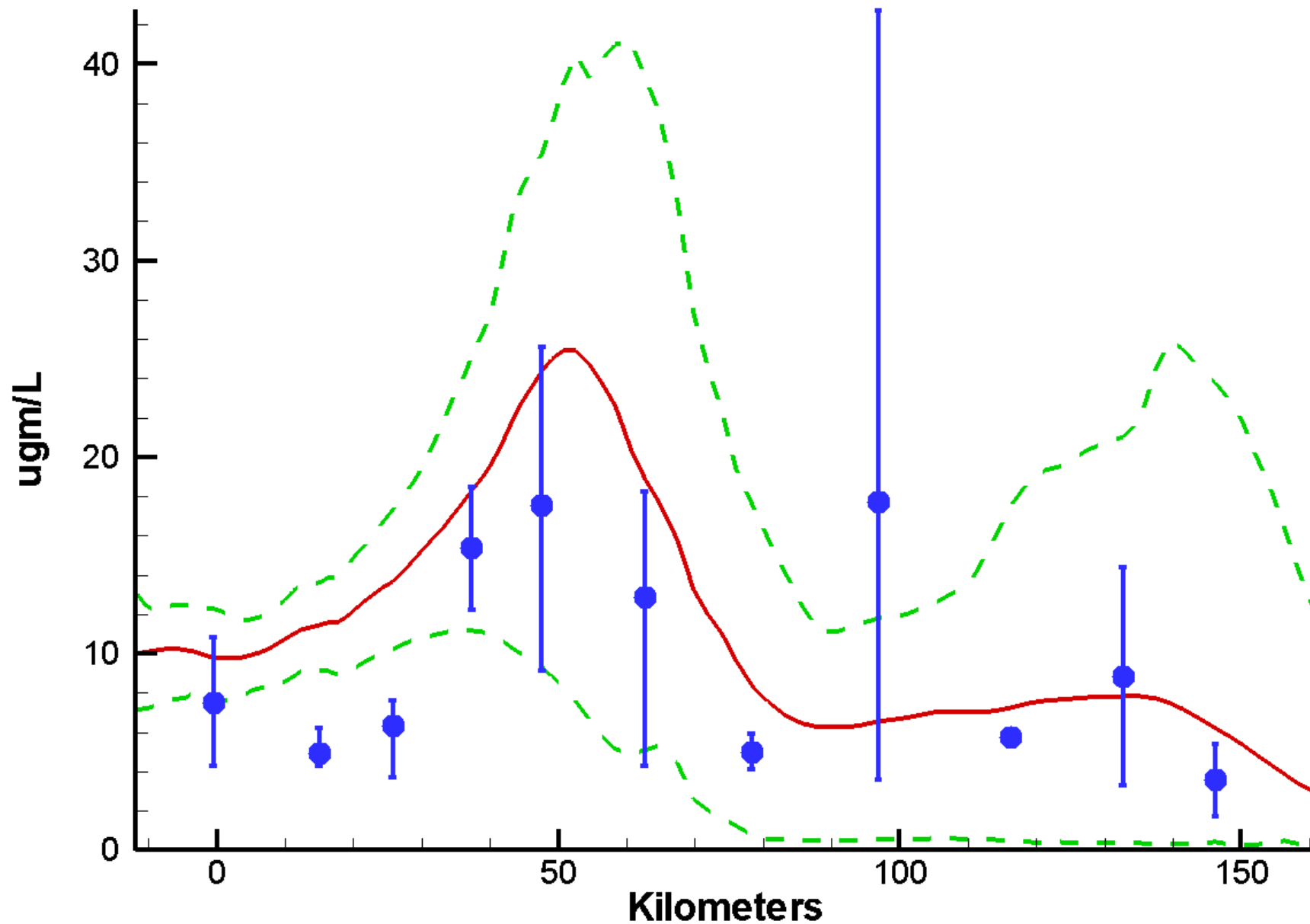
# Rappahannock River Ches2015 Run118

## Bottom Chlorophyll Spring 1999

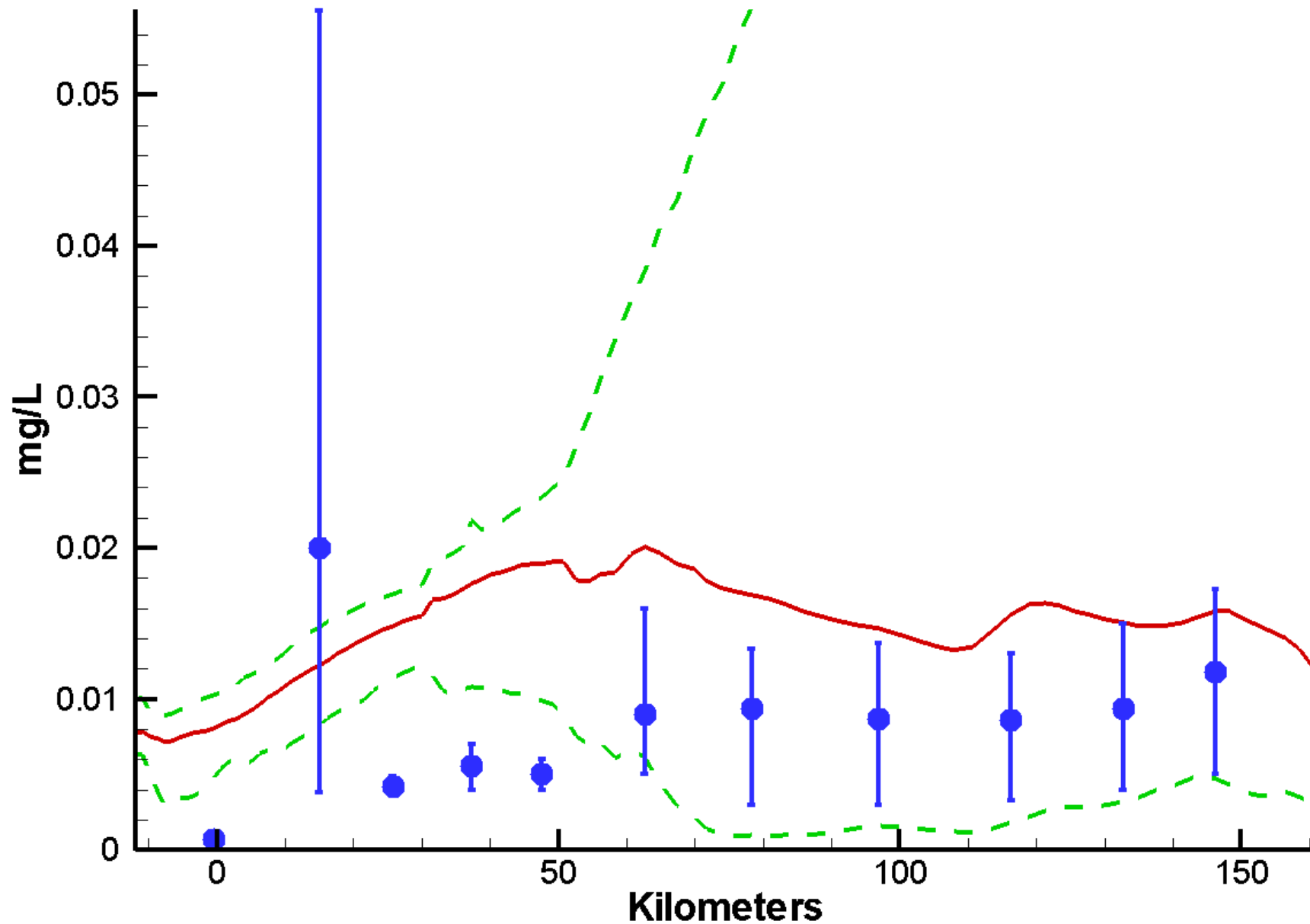


# Rappahannock River Ches2015 Run118

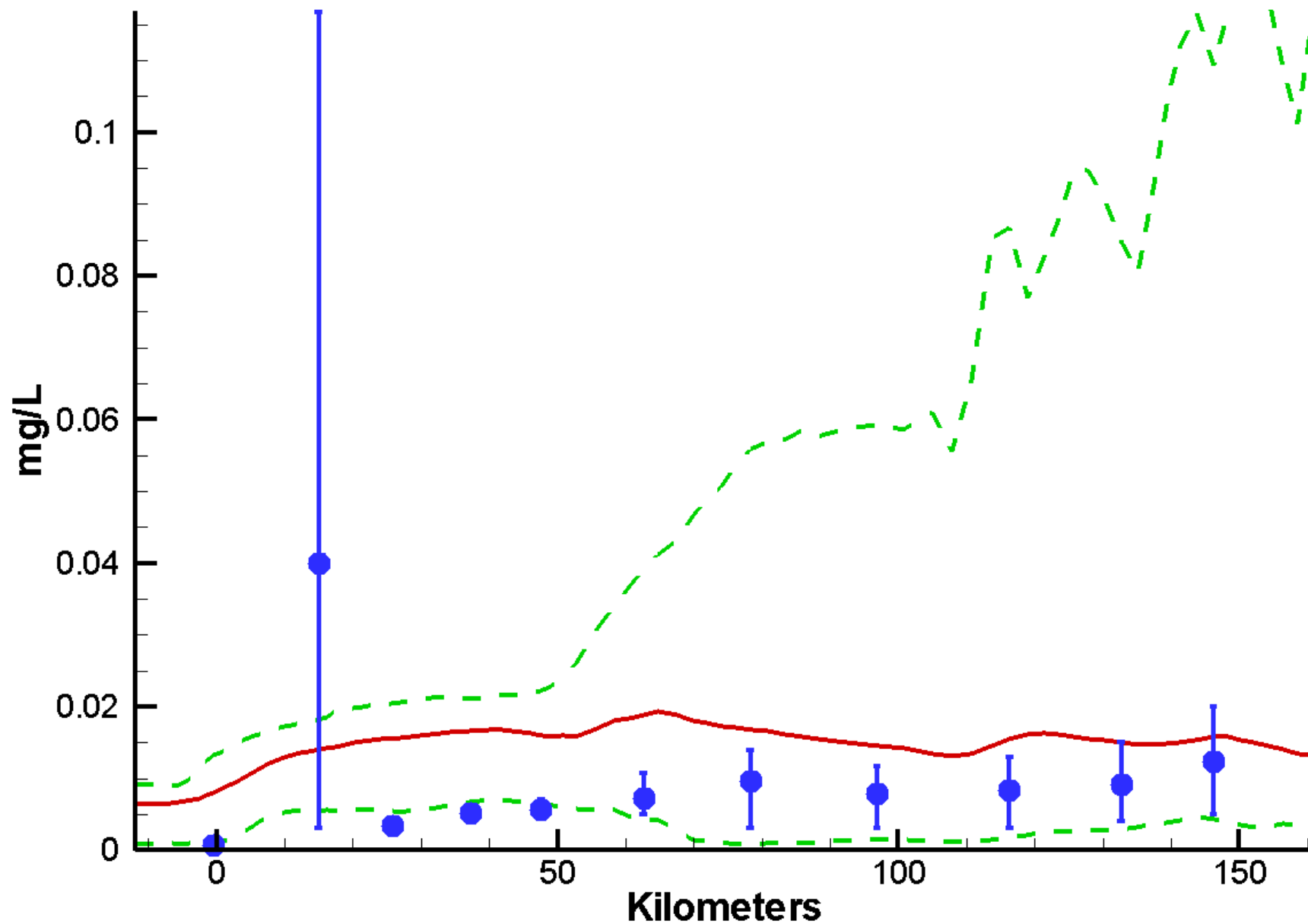
## Surface Chlorophyll Spring 1999



# Rappahannock River Ches2015 Run118 Bottom Dissolved Phosphate Spring 1999

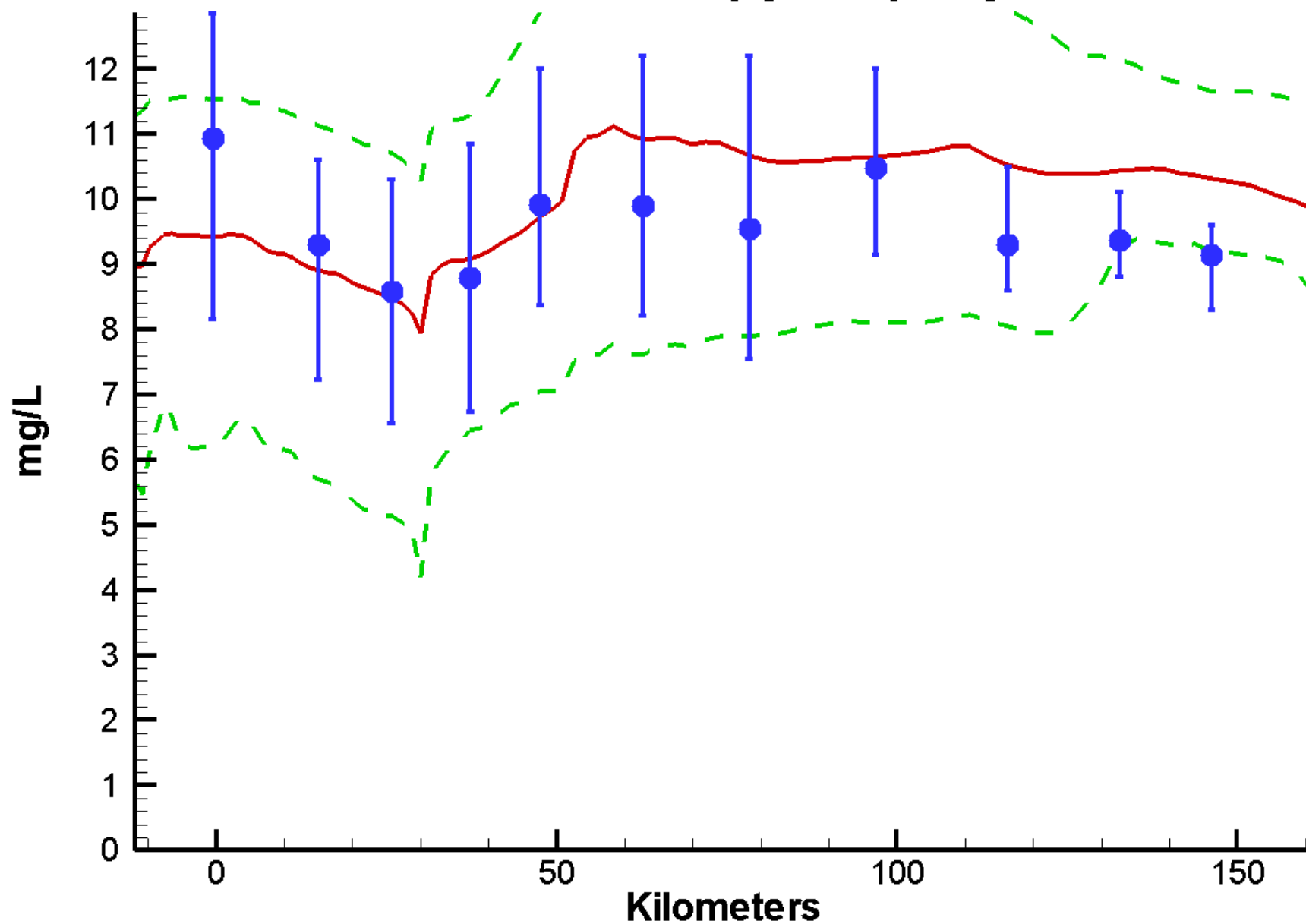


# Rappahannock River Ches2015 Run118 Surface Dissolved Phosphate Spring 1999



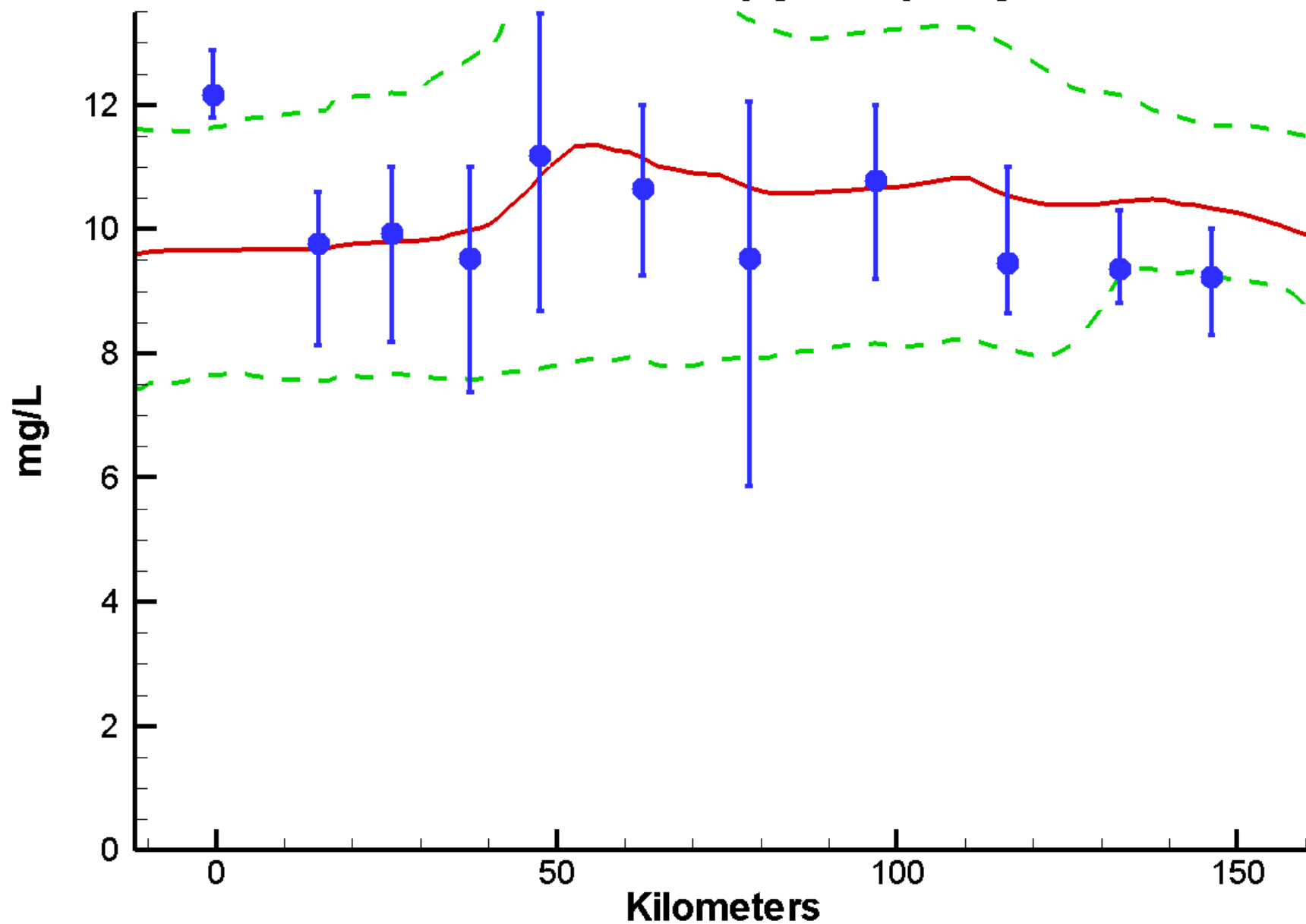
# Rappahannock River Ches2015 Run118

## Bottom Dissolved Oxygen Spring 1999

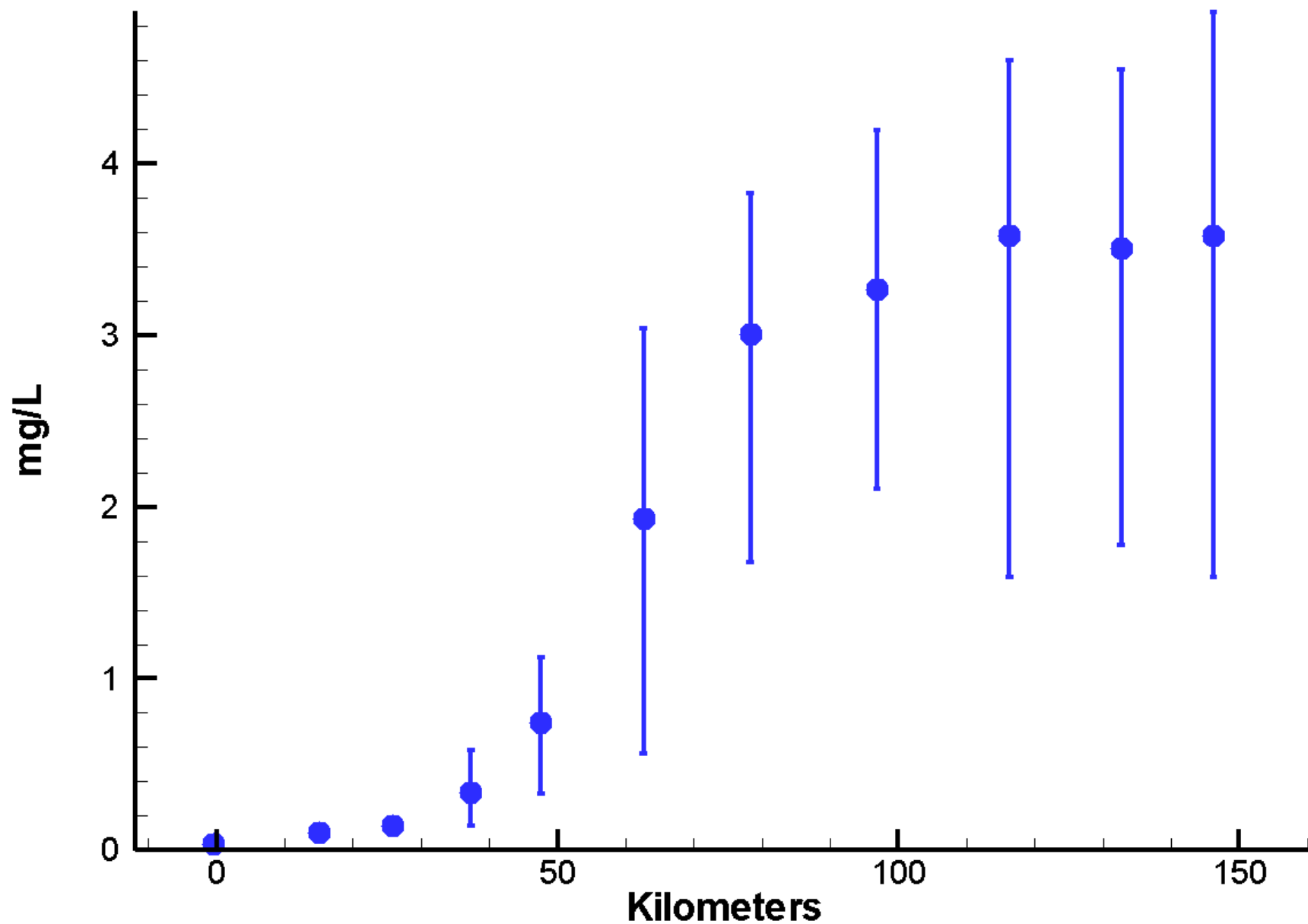




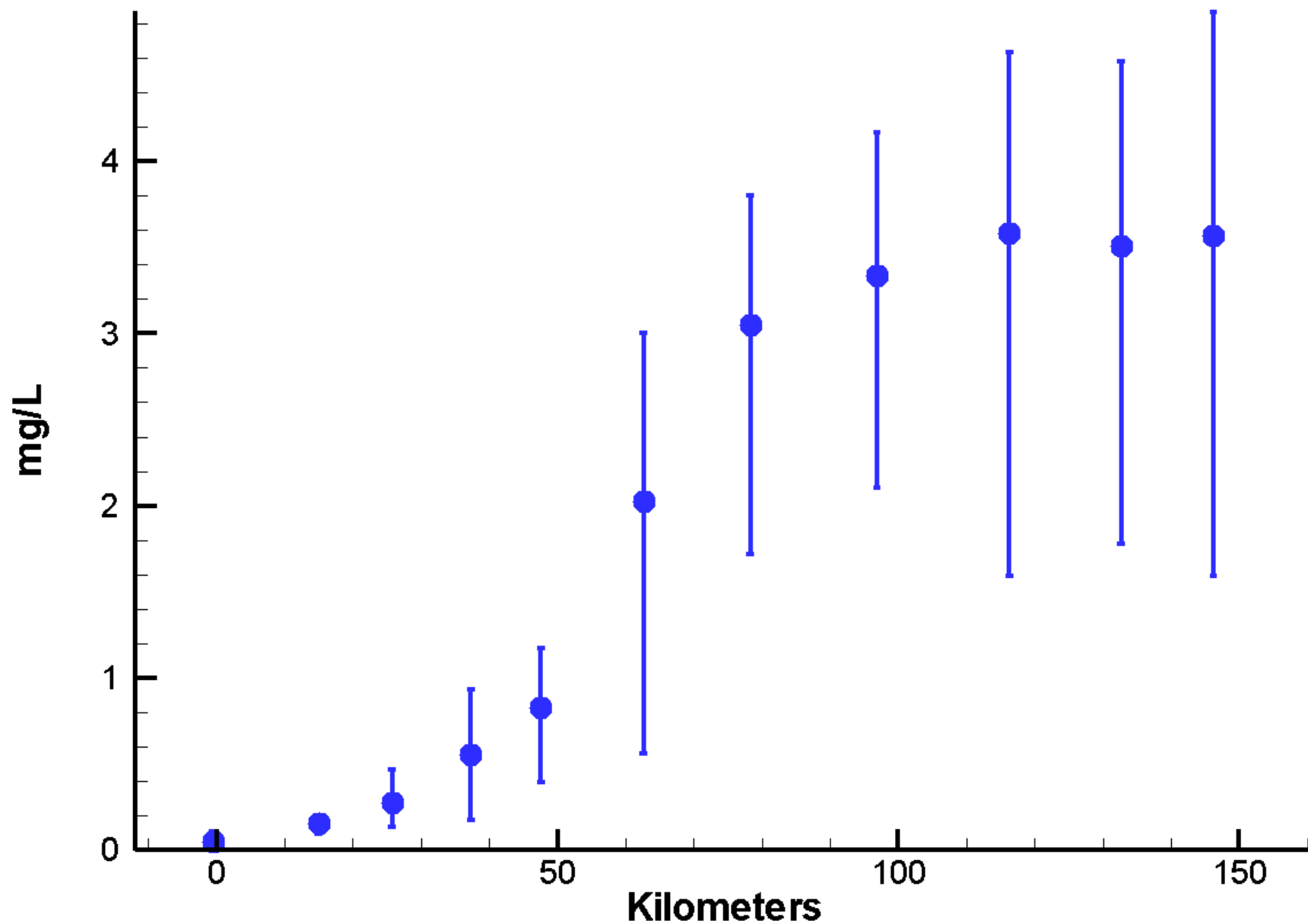
# Rappahannock River Ches2015 Run118 Surface Dissolved Oxygen Spring 1999



# Rappahannock River Ches2015 Run118 Bottom Dissolved Silica Spring 1999

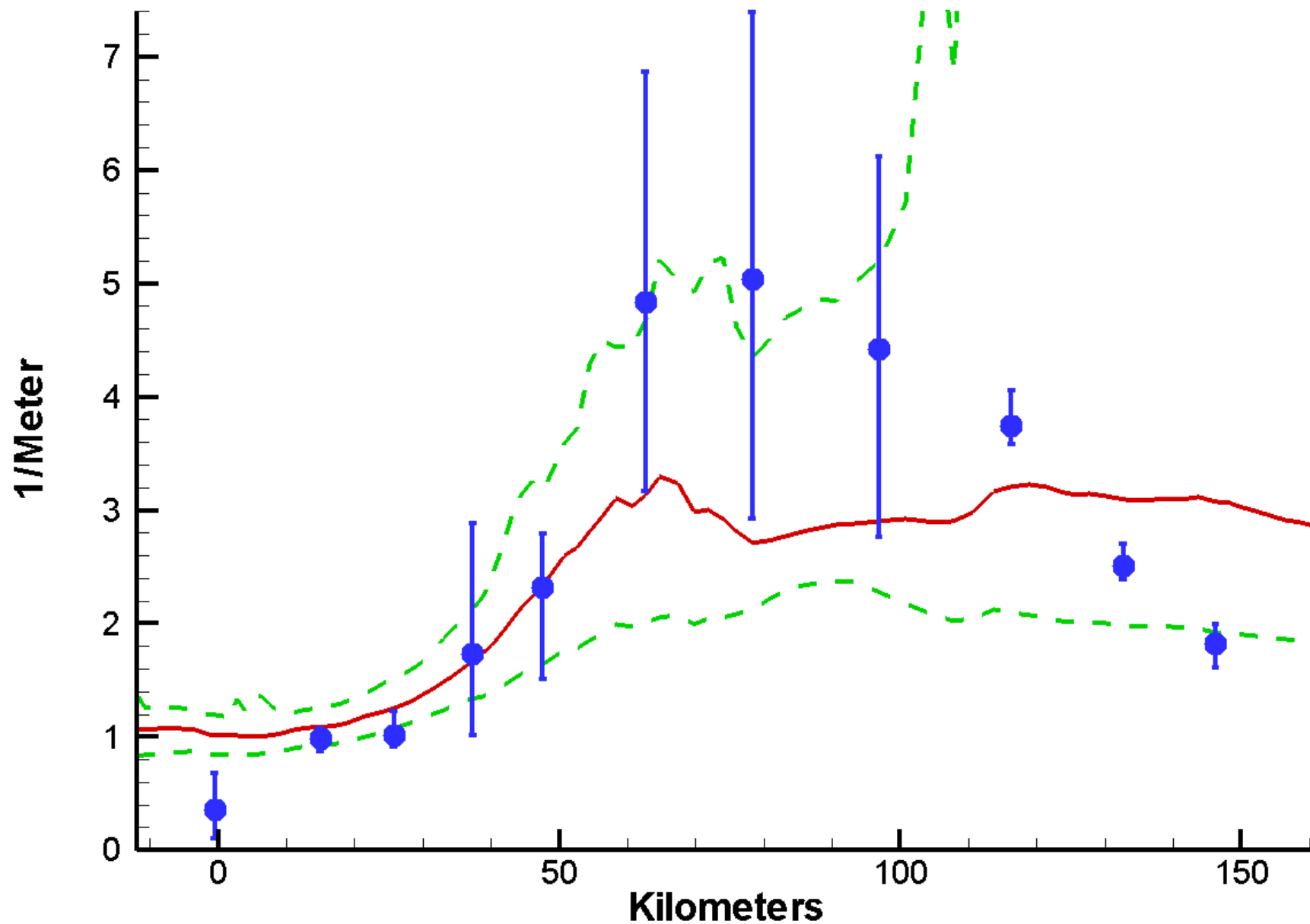


# Rappahannock River Ches2015 Run118 Surface Dissolved Silica Spring 1999



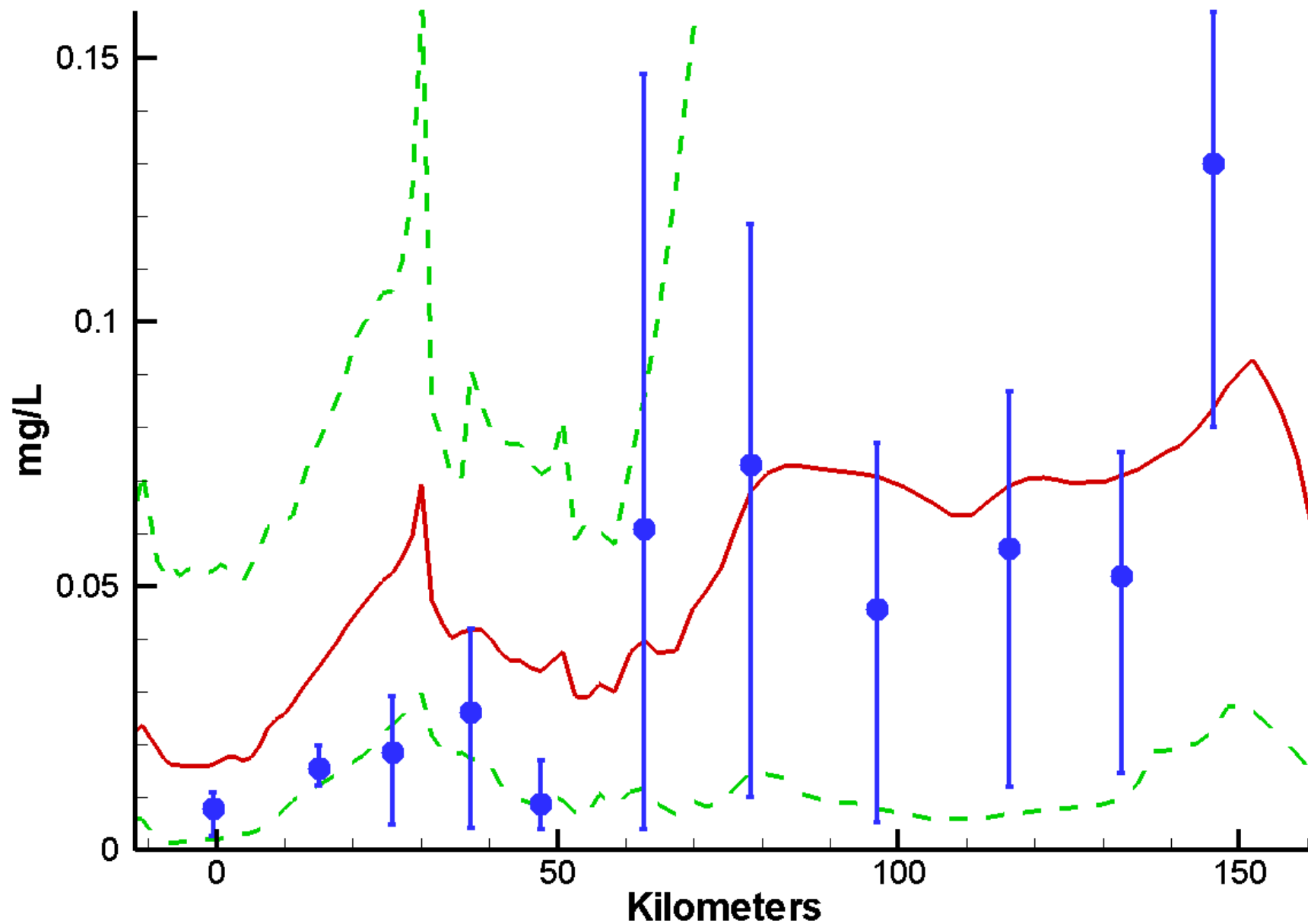
# Rappahannock River Ches2015 Run118

## Surface Light Extinction Spring 1999

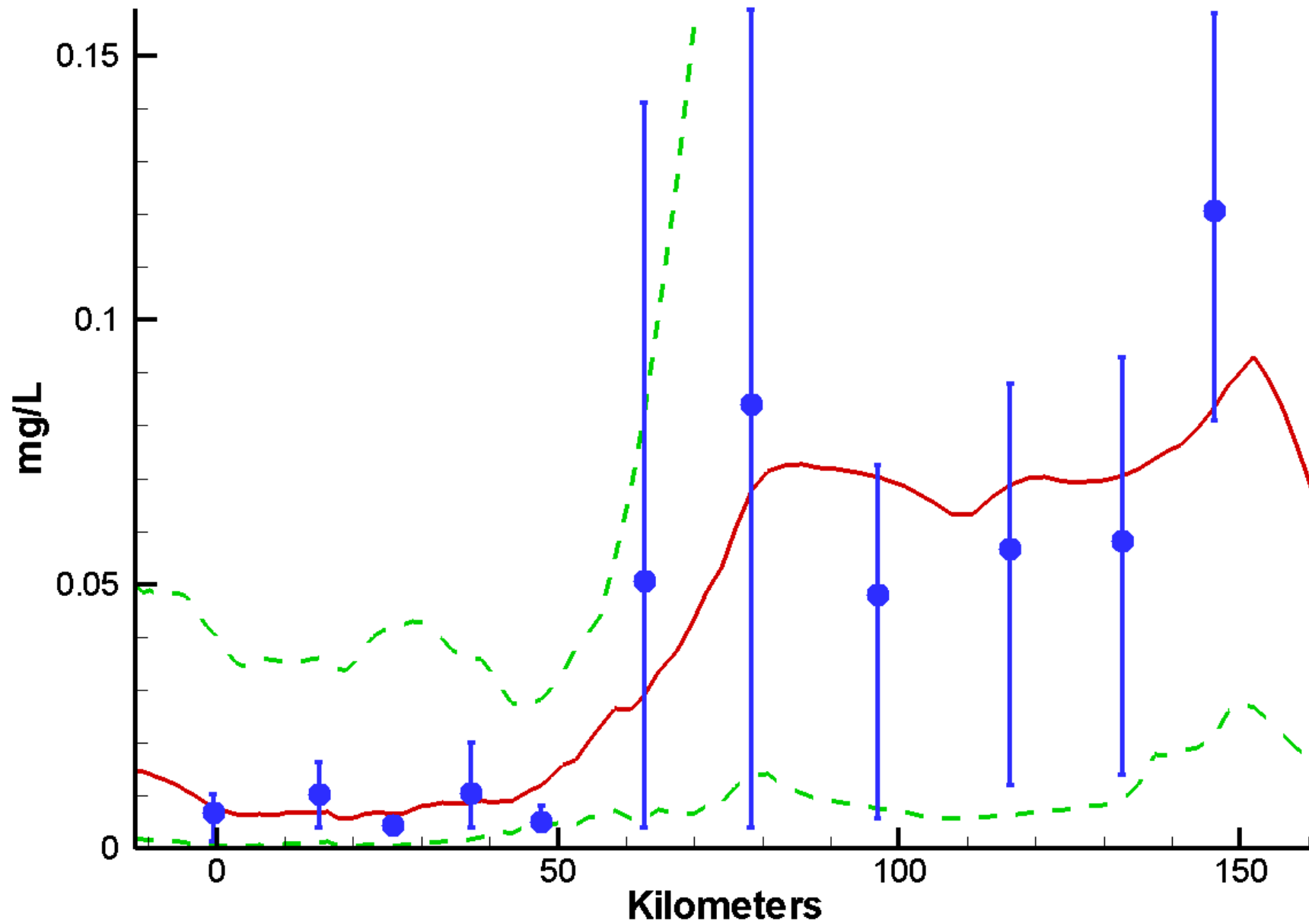


# Rappahannock River Ches2015 Run118

## Bottom Ammonium Spring 1999

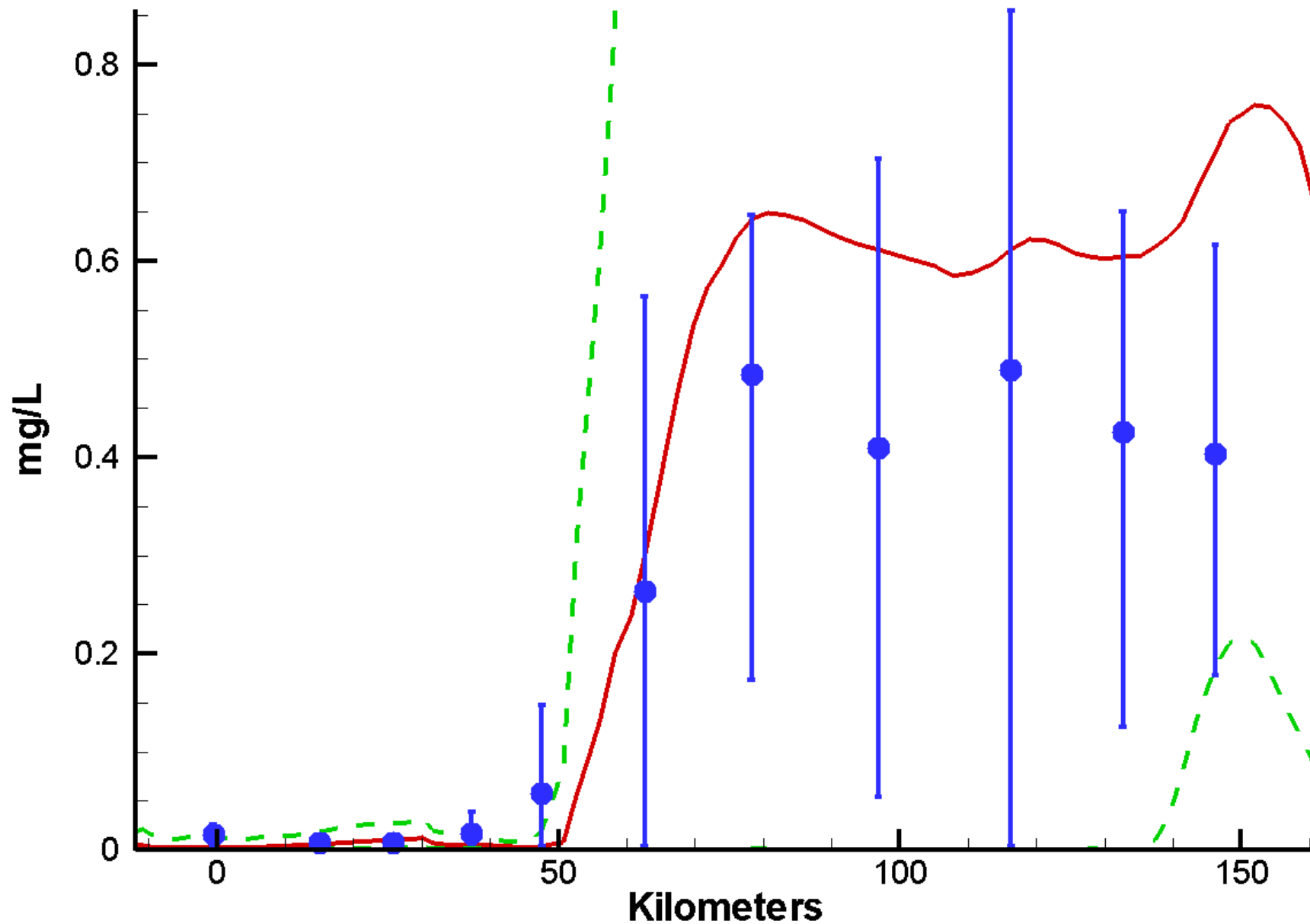


# Rappahannock River Ches2015 Run118 Surface Ammonium Spring 1999



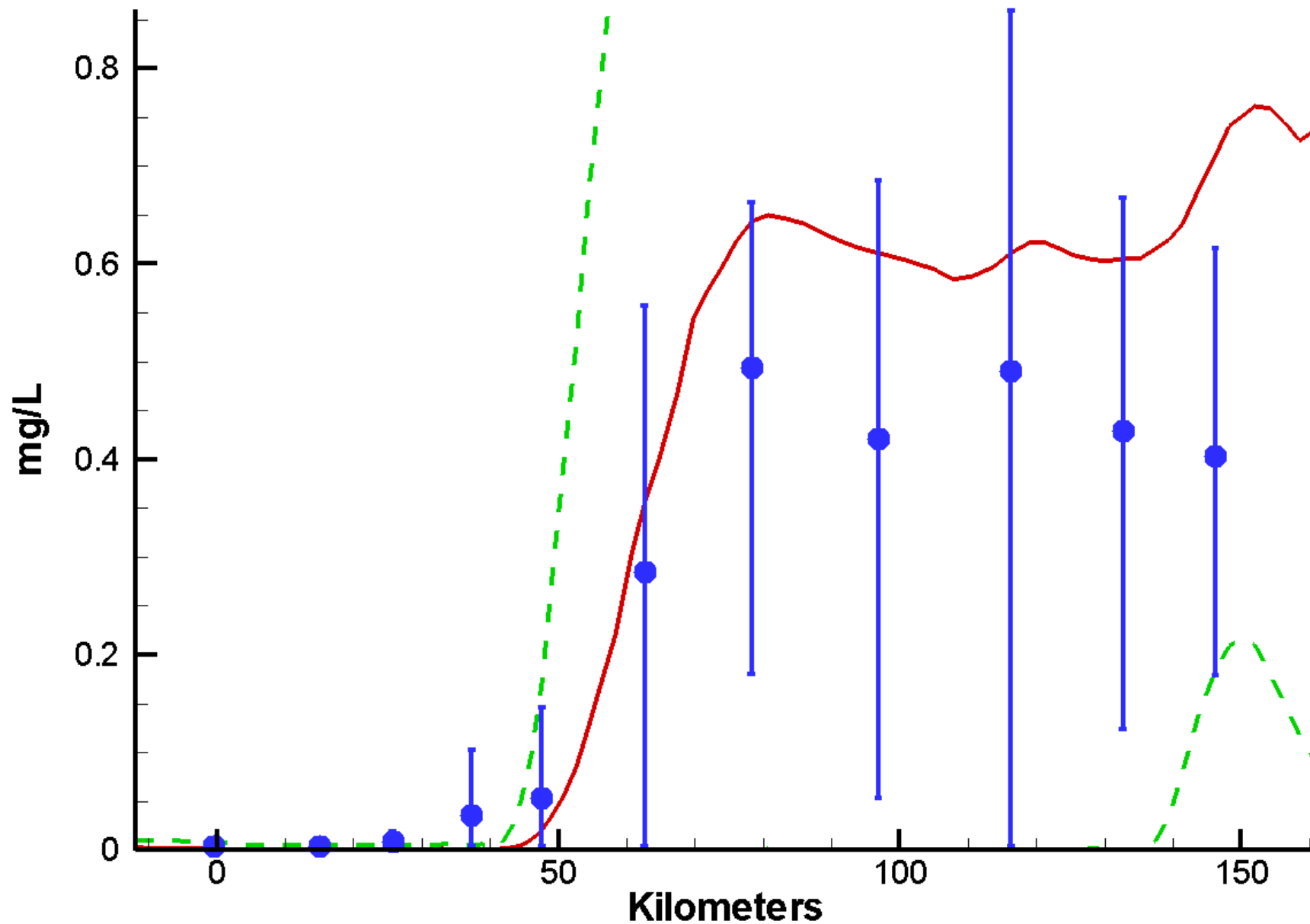
# Rappahannock River Ches2015 Run118

## Bottom Nitrate Spring 1999



# Rappahannock River Ches2015 Run118

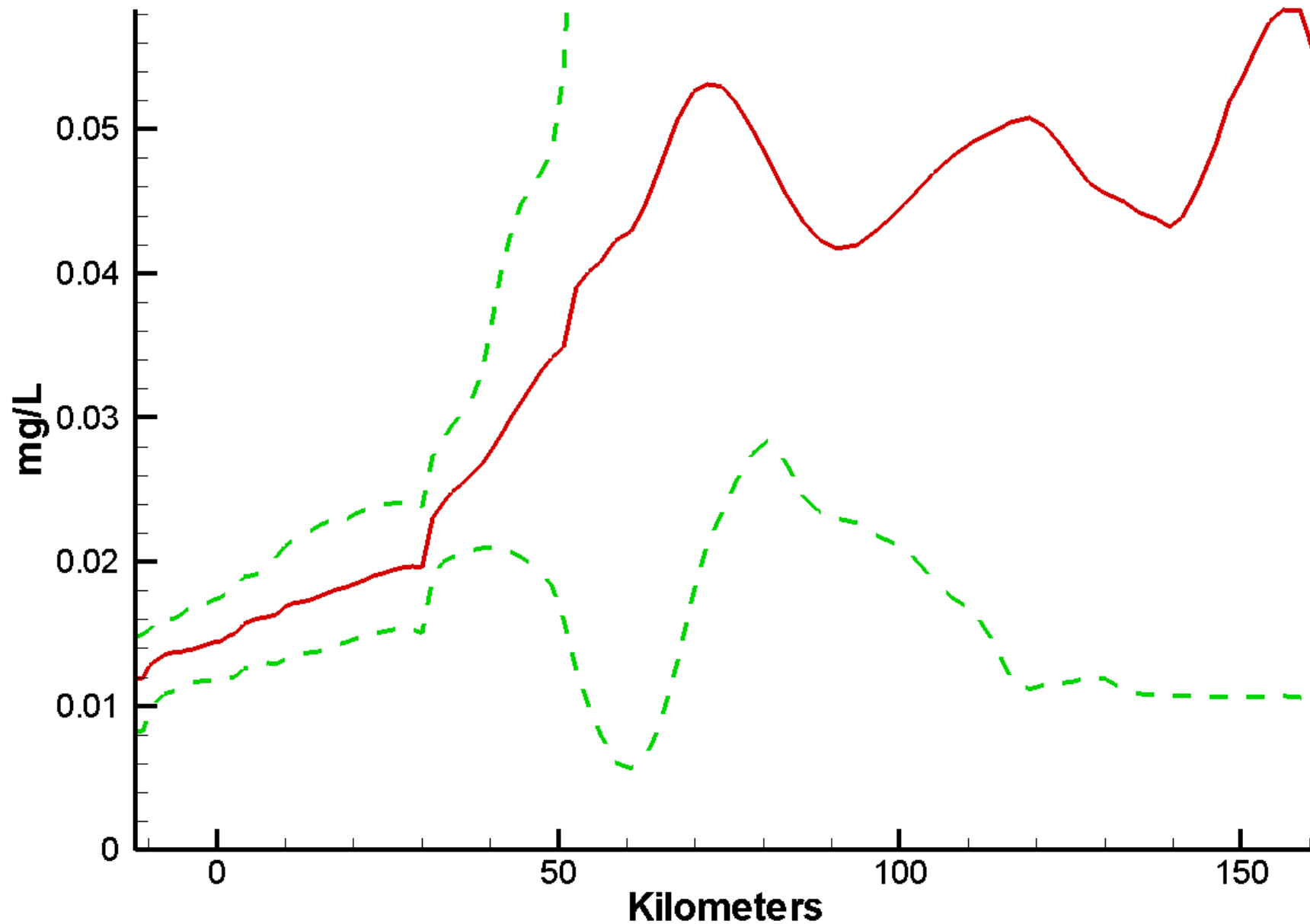
## Surface Nitrate Spring 1999



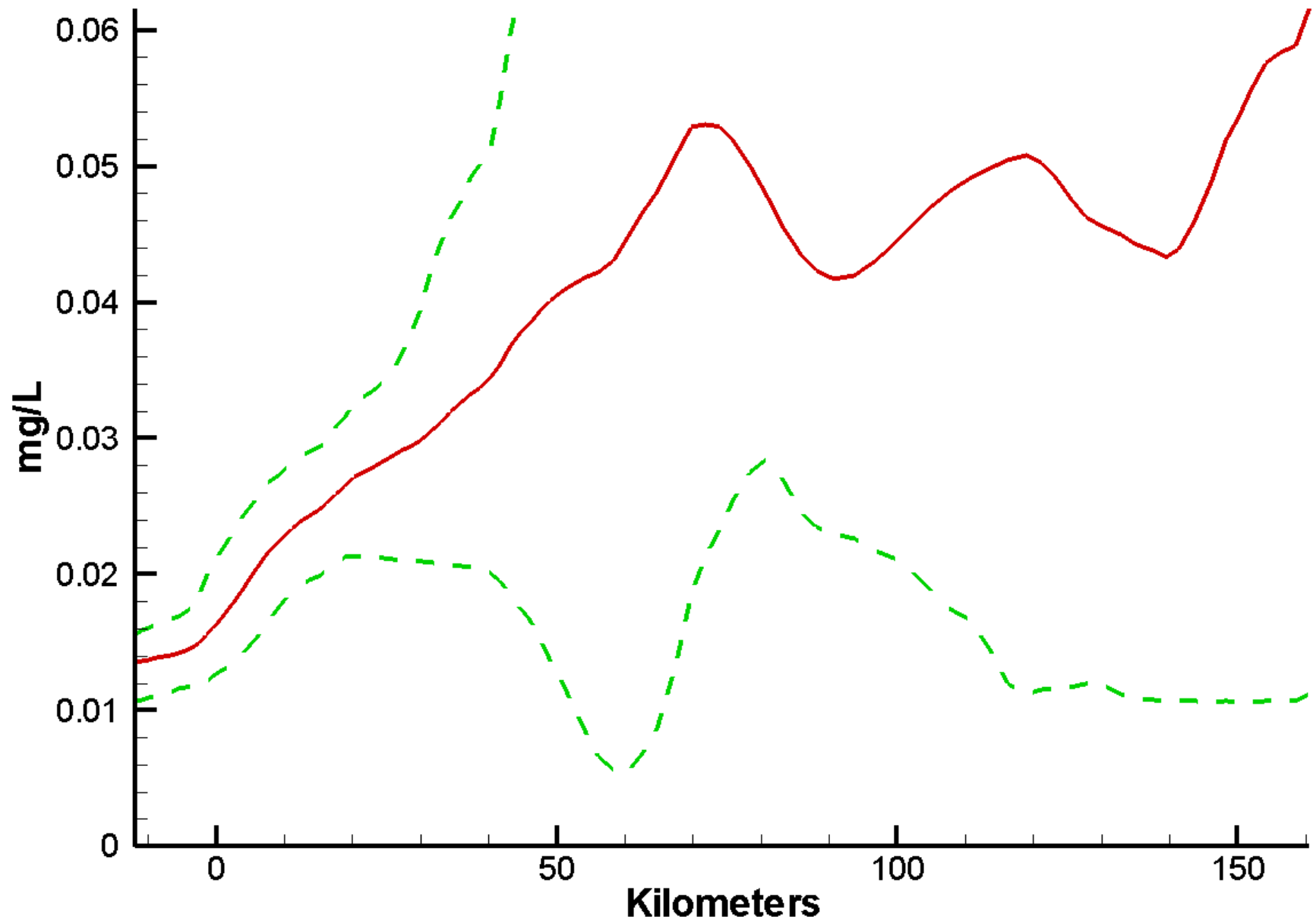


# Rappahannock River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1999

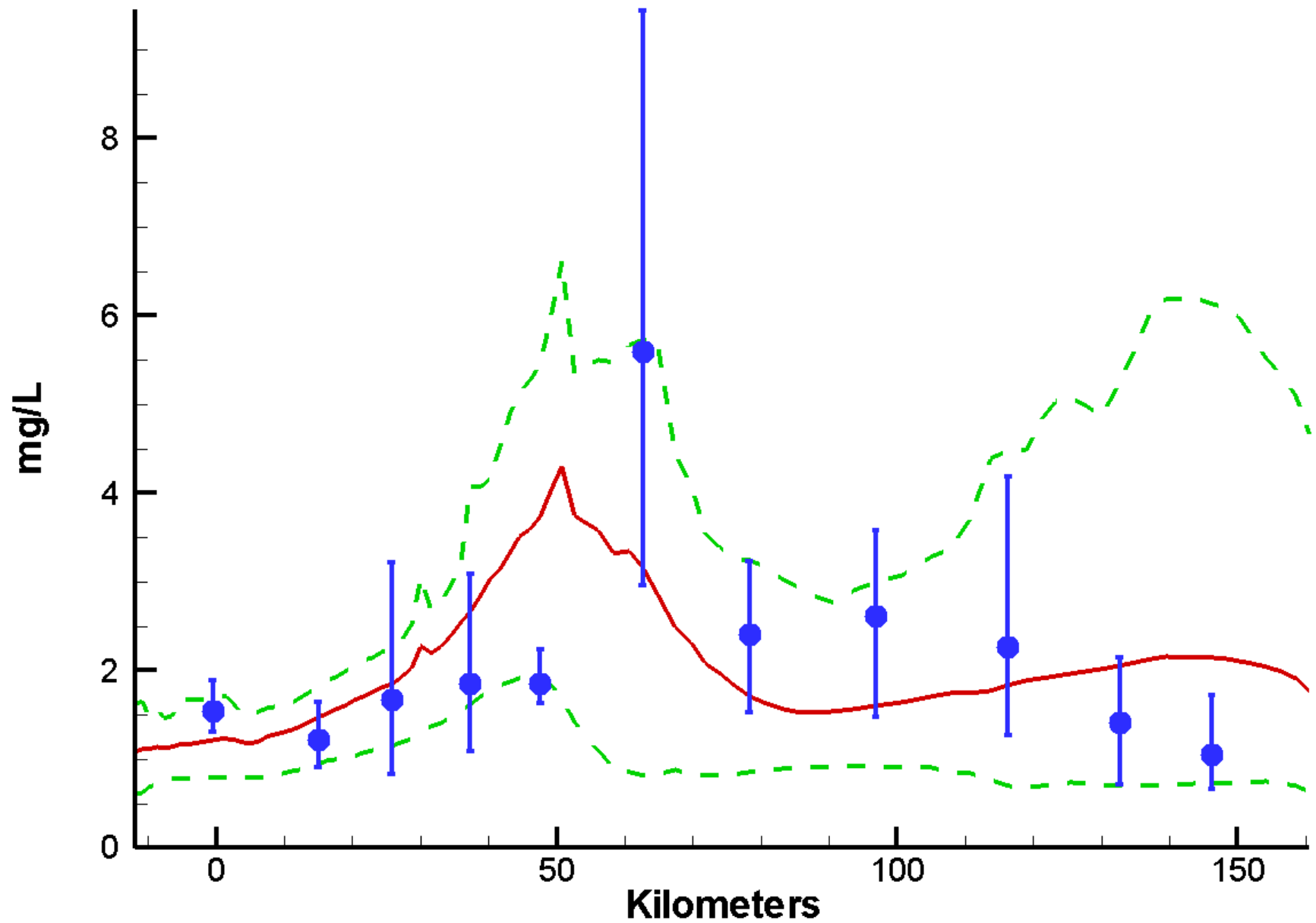


# Rappahannock River Ches2015 Run118 Surface Particulate Inorganic Phosphorus Spring 1999



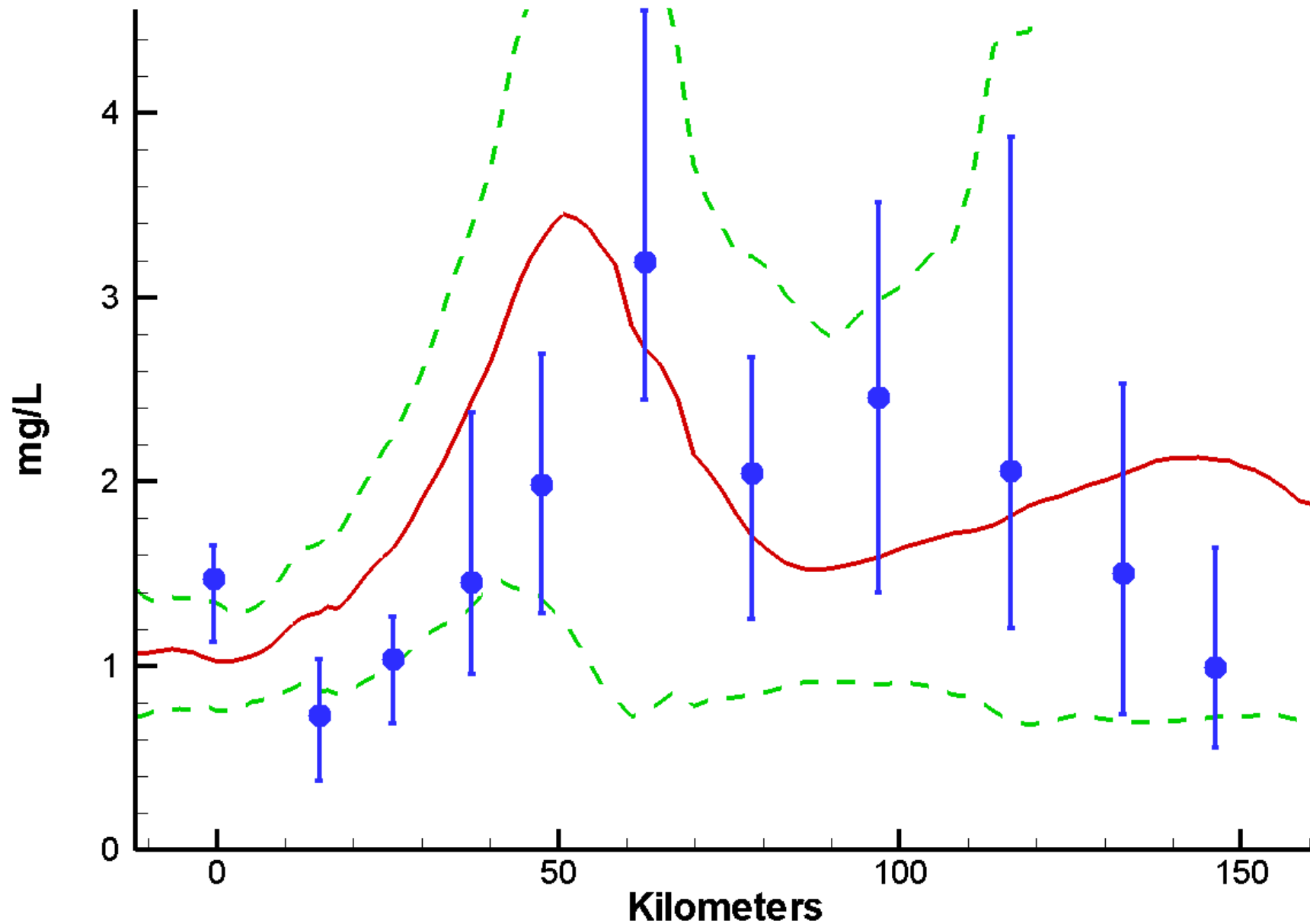
# Rappahannock River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1999



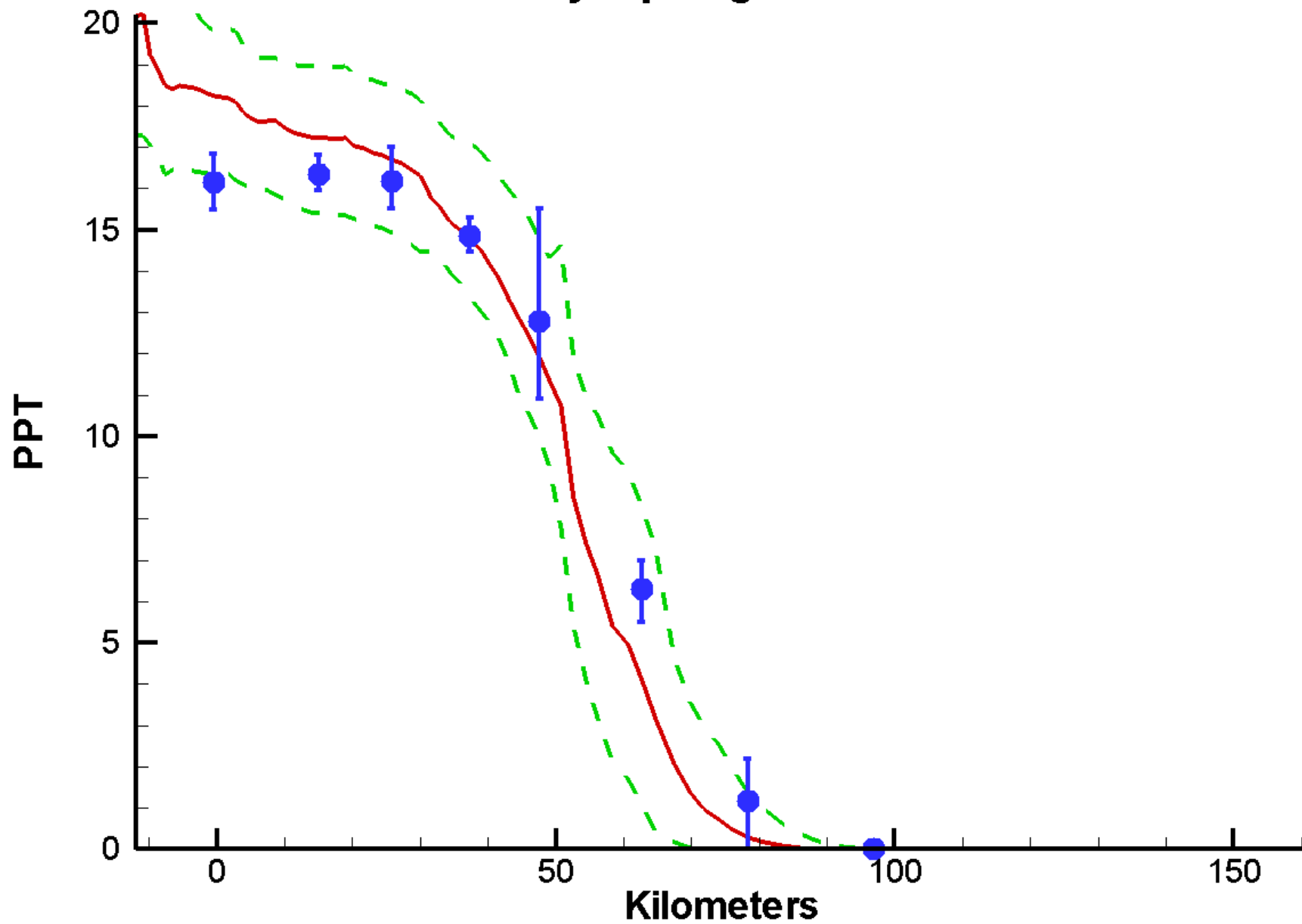
# Rappahannock River Ches2015 Run118

## Surface Particulate Organic Carbon Spring 1999



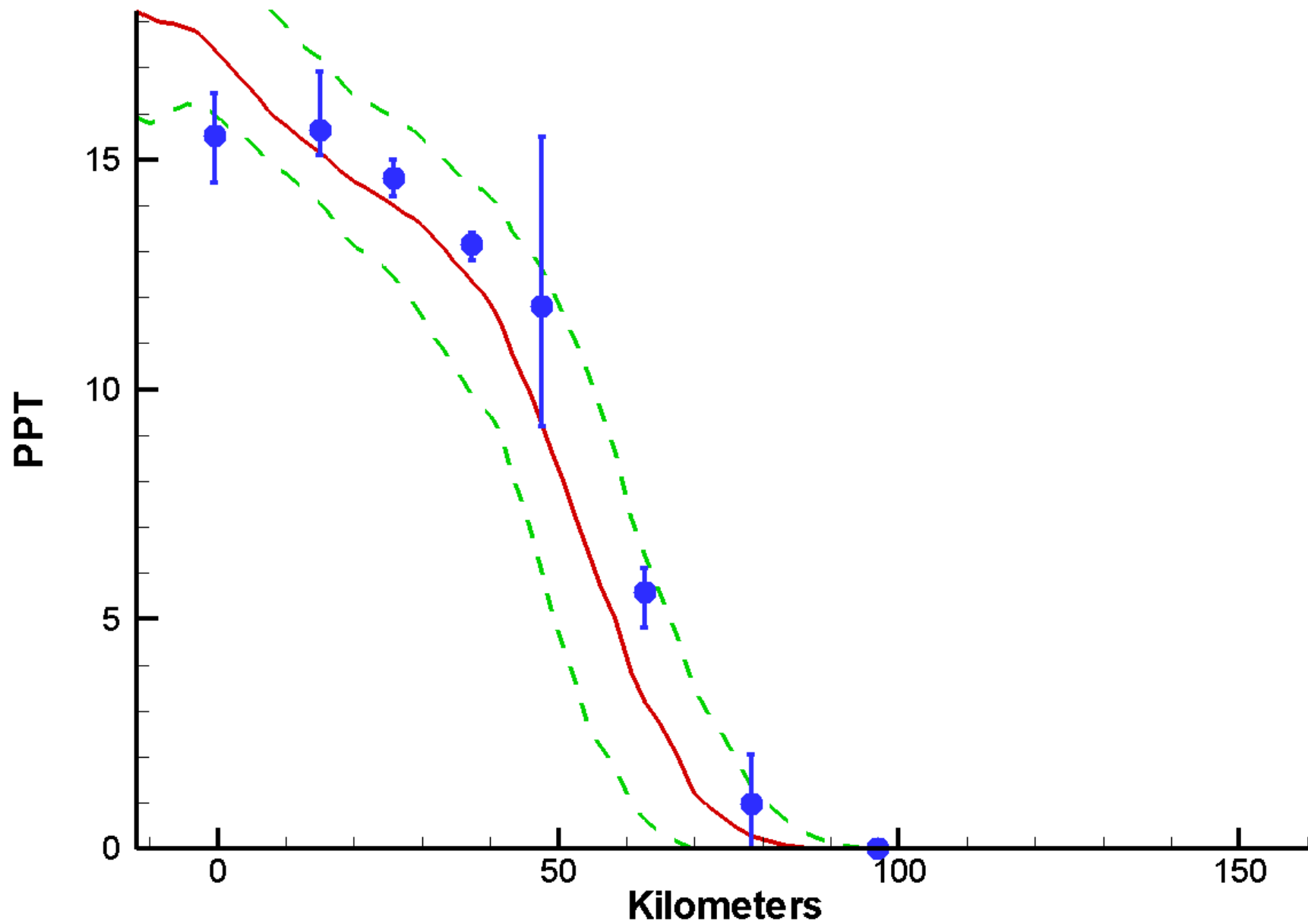
# Rappahannock River Ches2015 Run118

## Bottom Salinity Spring 1999



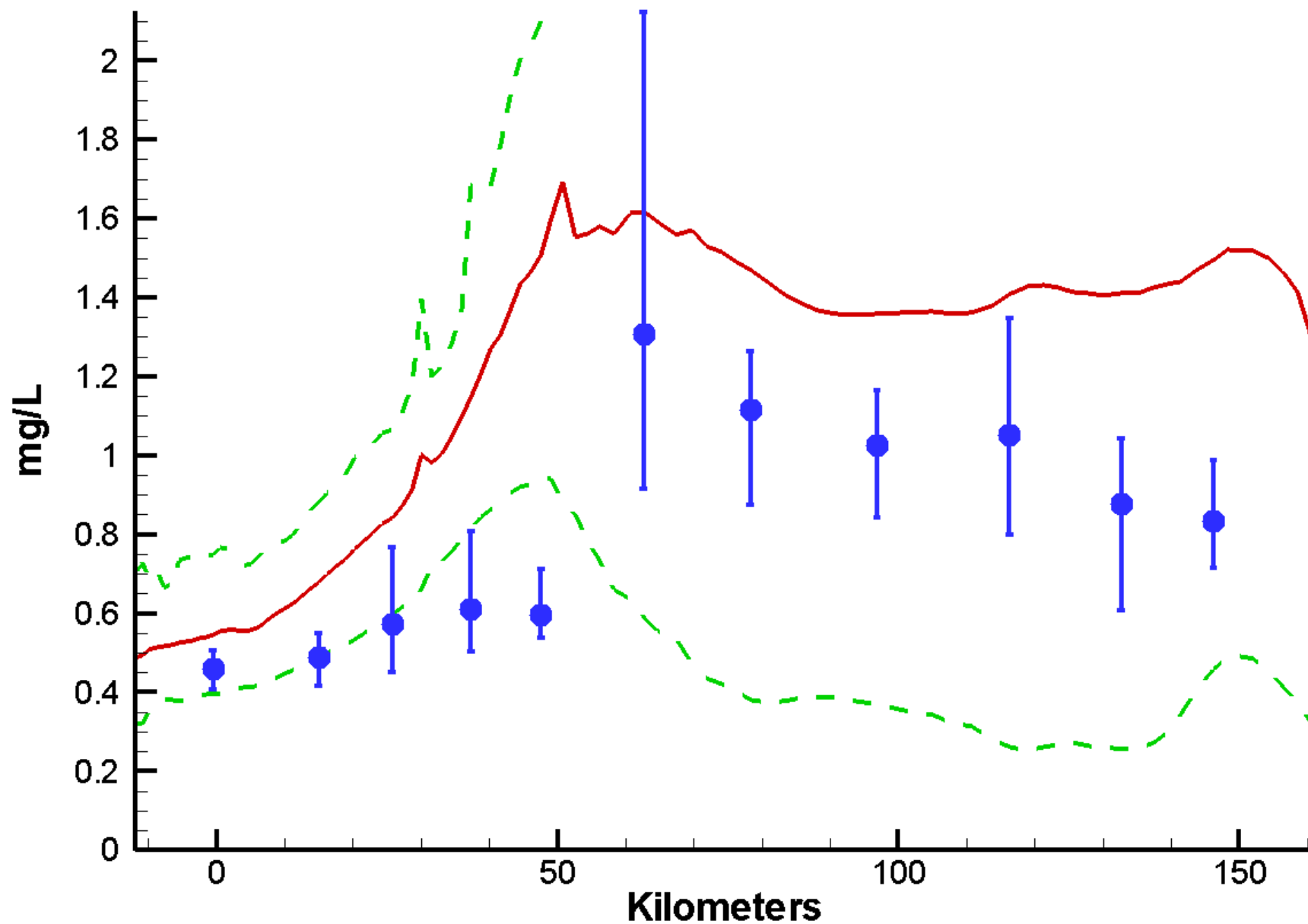
# Rappahannock River Ches2015 Run118

## Surface Salinity Spring 1999



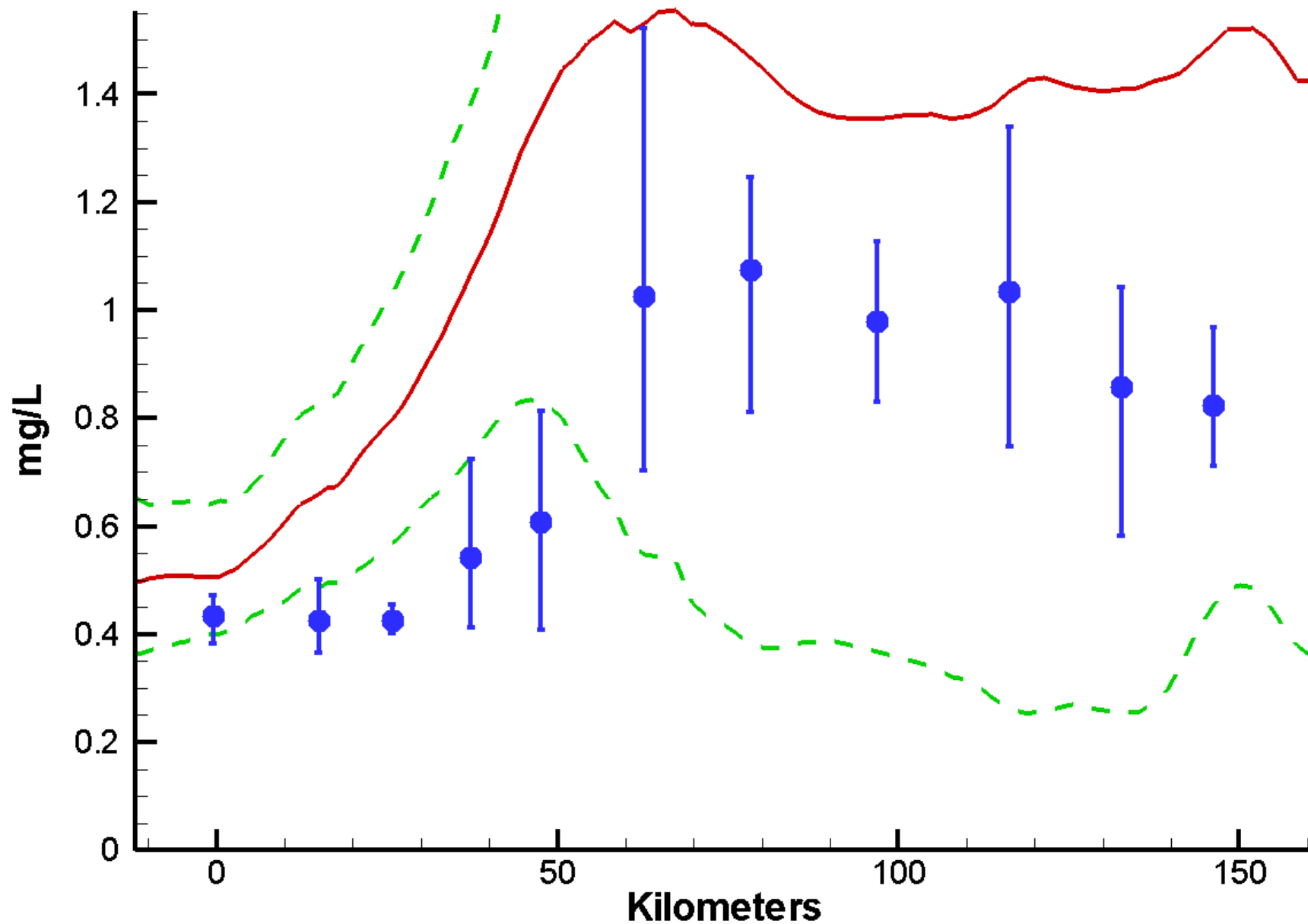
# Rappahannock River Ches2015 Run118

## Bottom Total Nitrogen Spring 1999



# Rappahannock River Ches2015 Run118

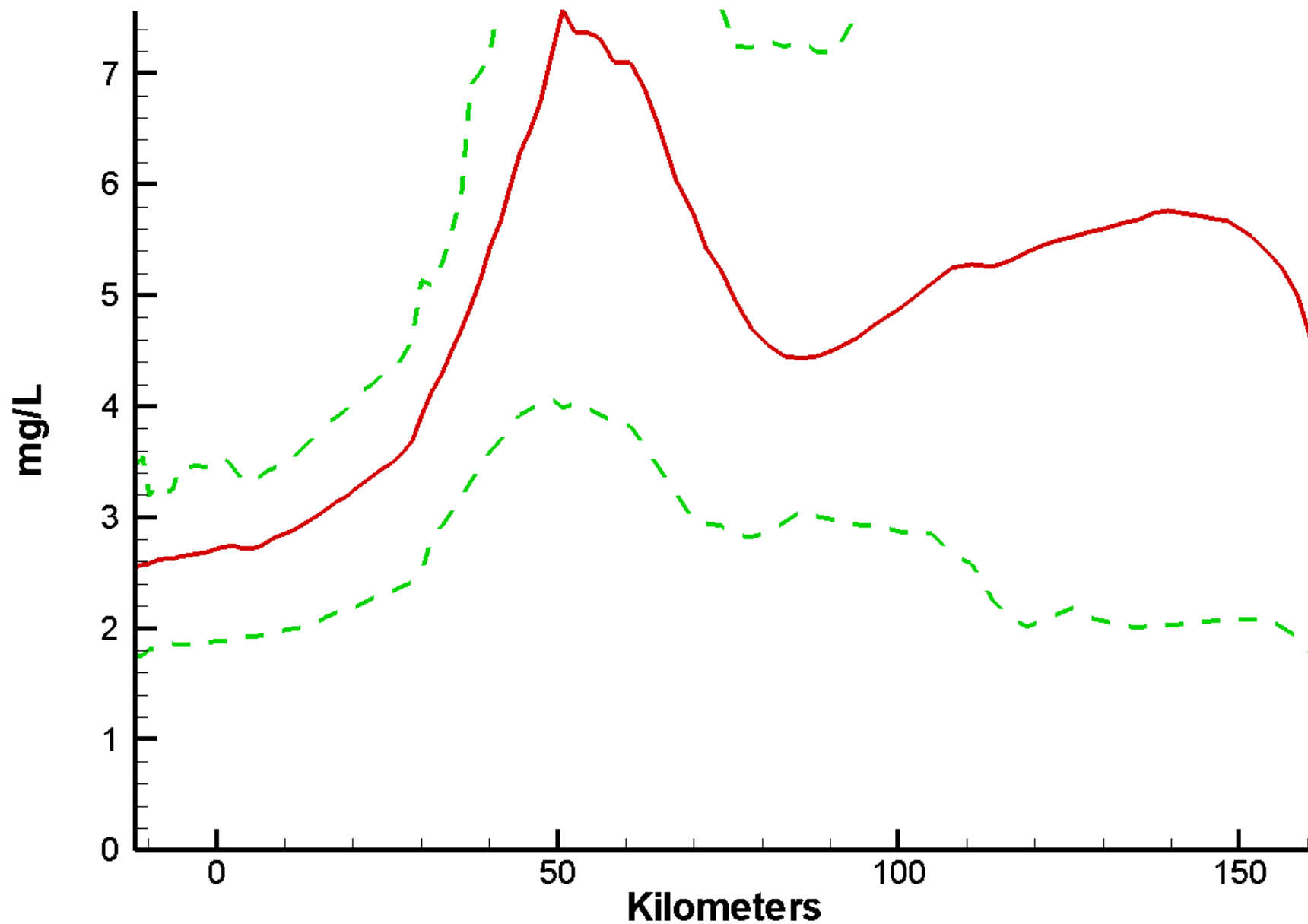
## Surface Total Nitrogen Spring 1999



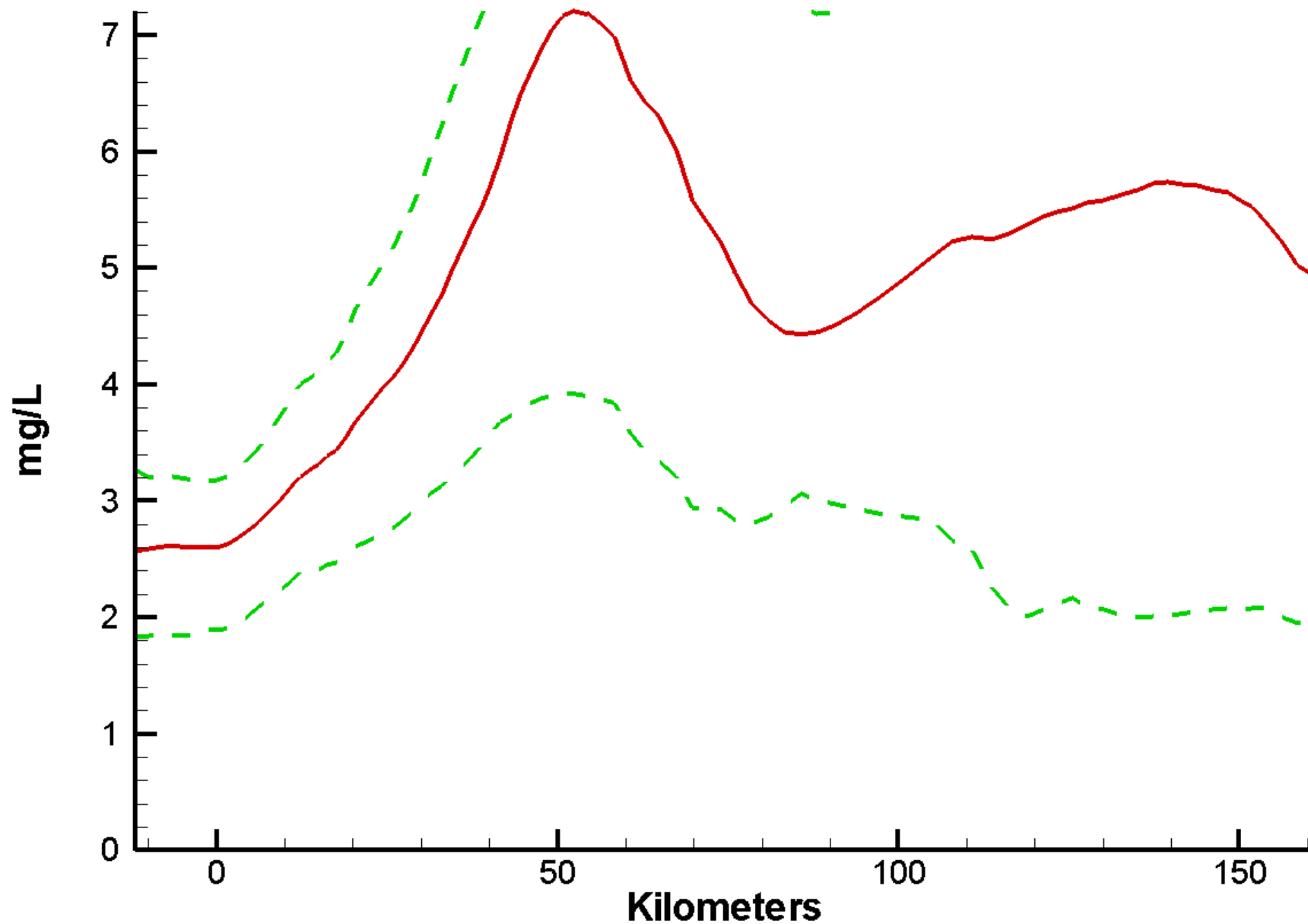


# Rappahannock River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1999

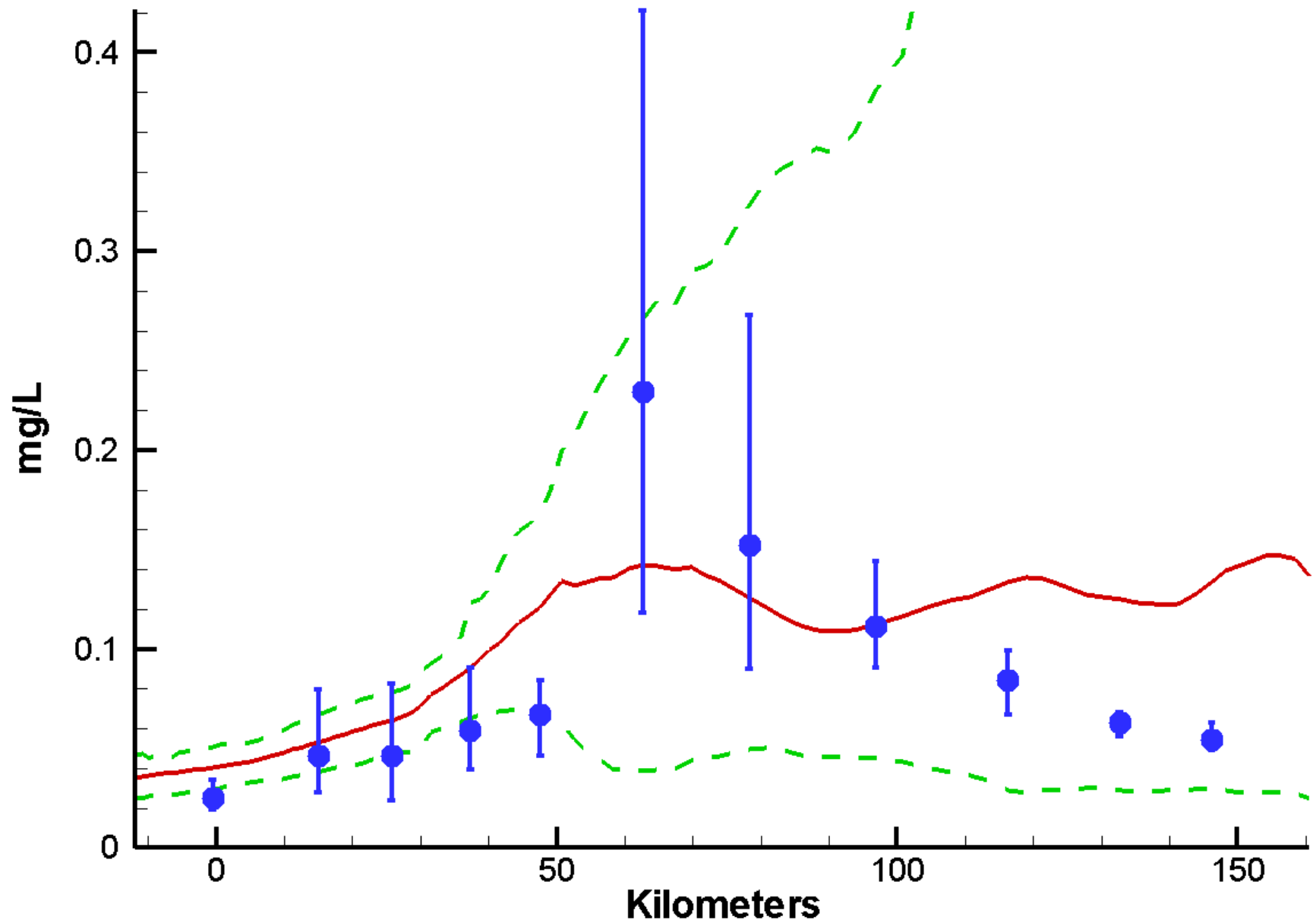


# Rappahannock River Ches2015 Run118 Surface Total Organic Carbon Spring 1999



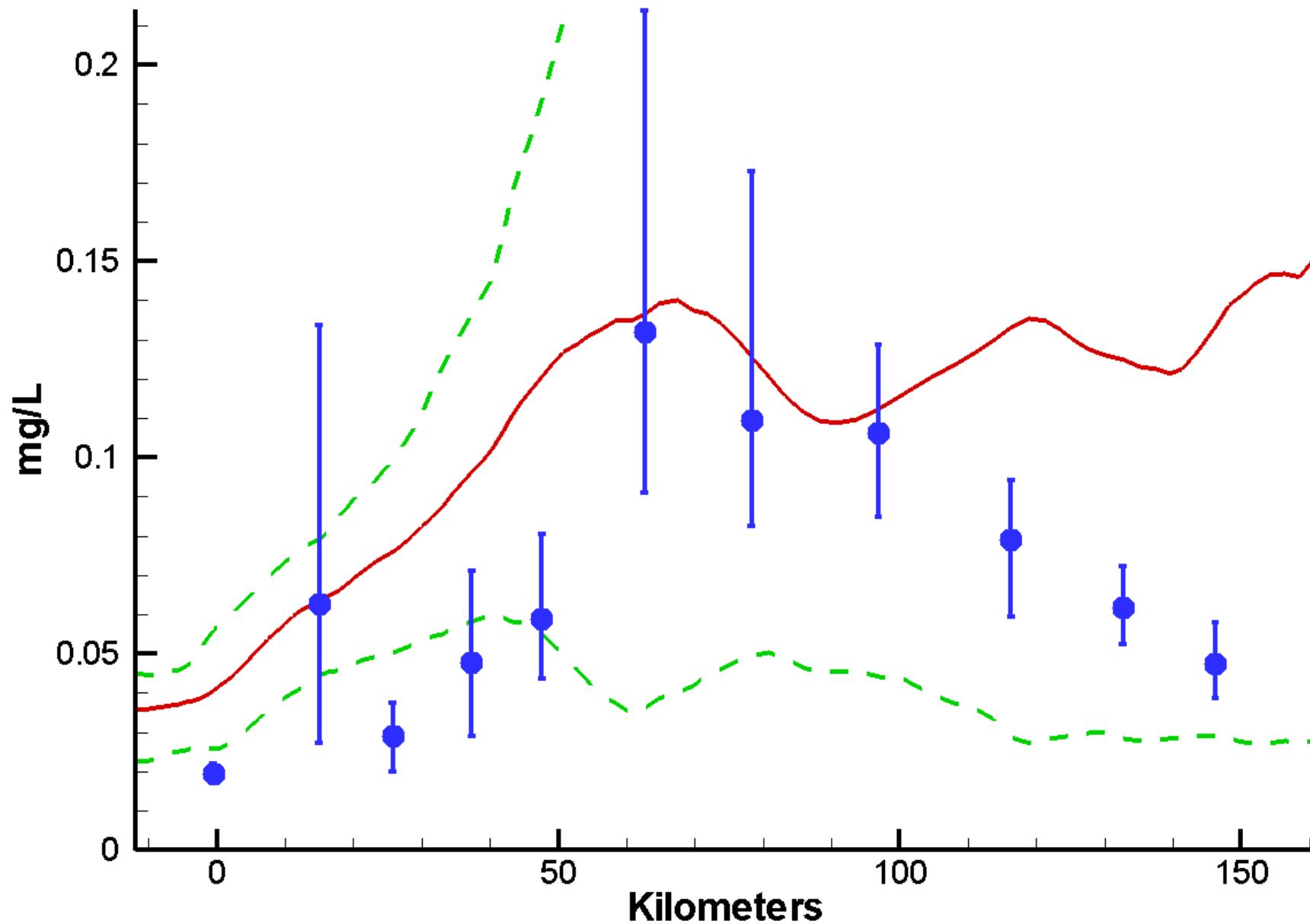
# Rappahannock River Ches2015 Run118

## Bottom Total Phosphorus Spring 1999



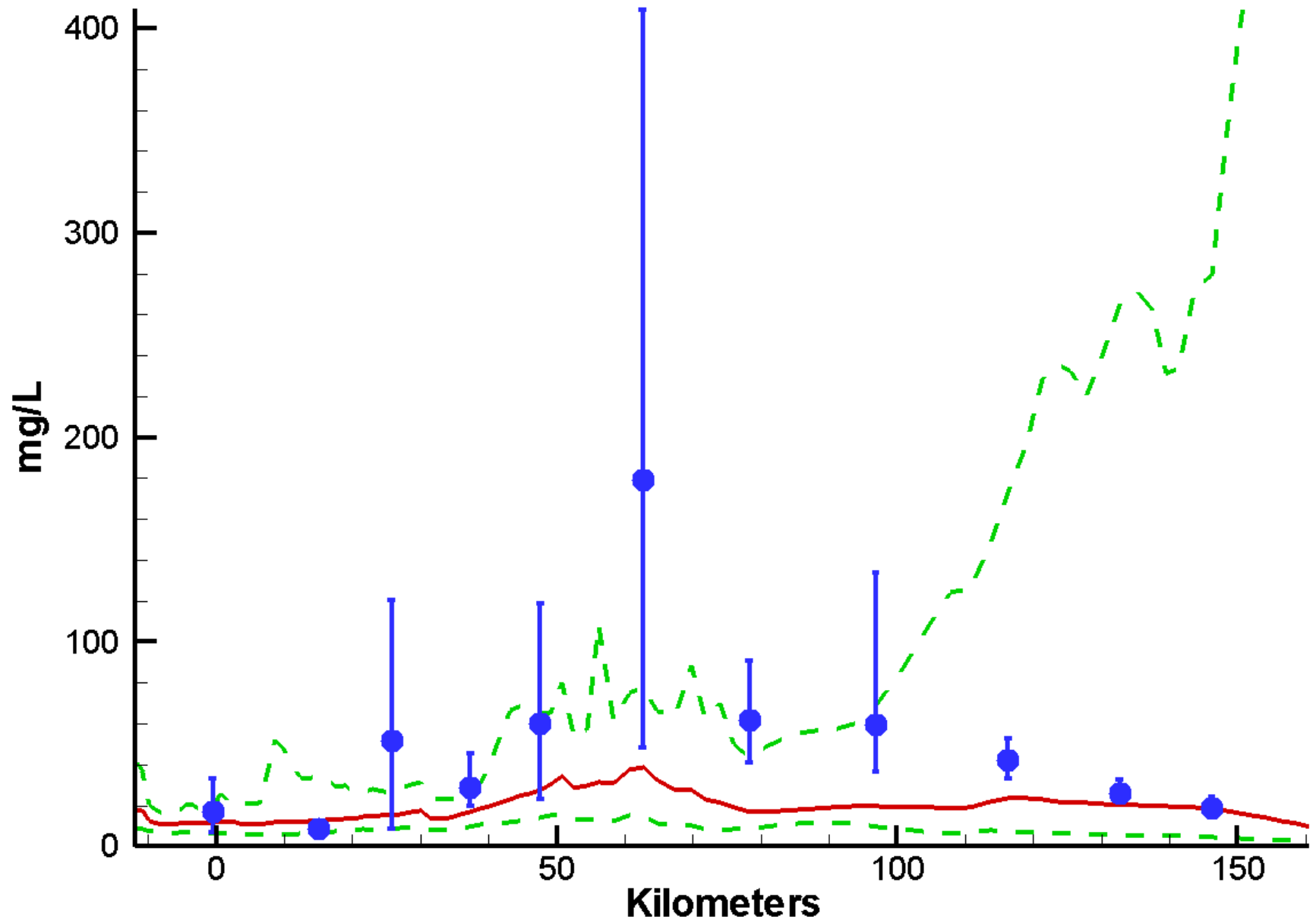
# Rappahannock River Ches2015 Run118

## Surface Total Phosphorus Spring 1999



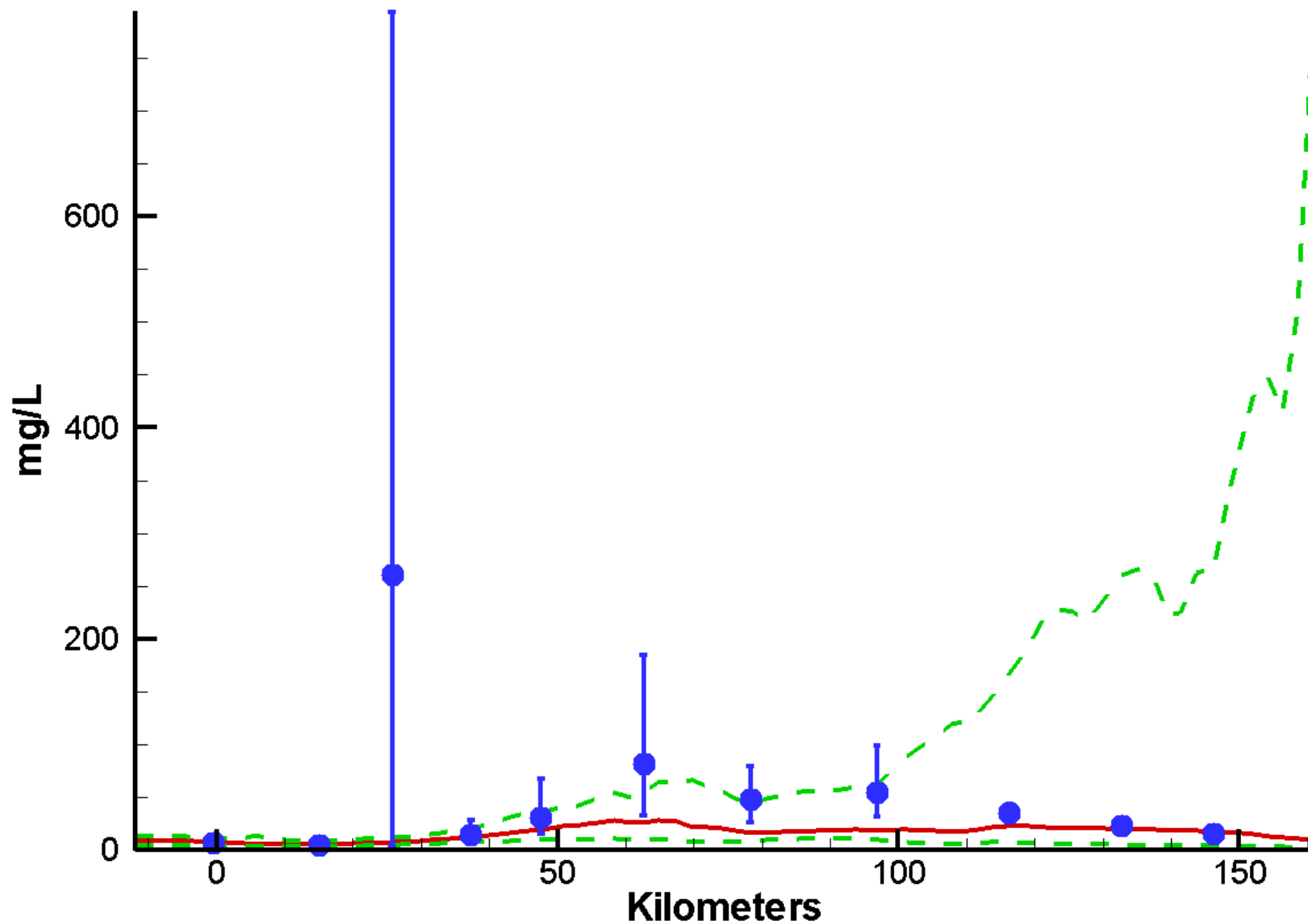
# Rappahannock River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1999



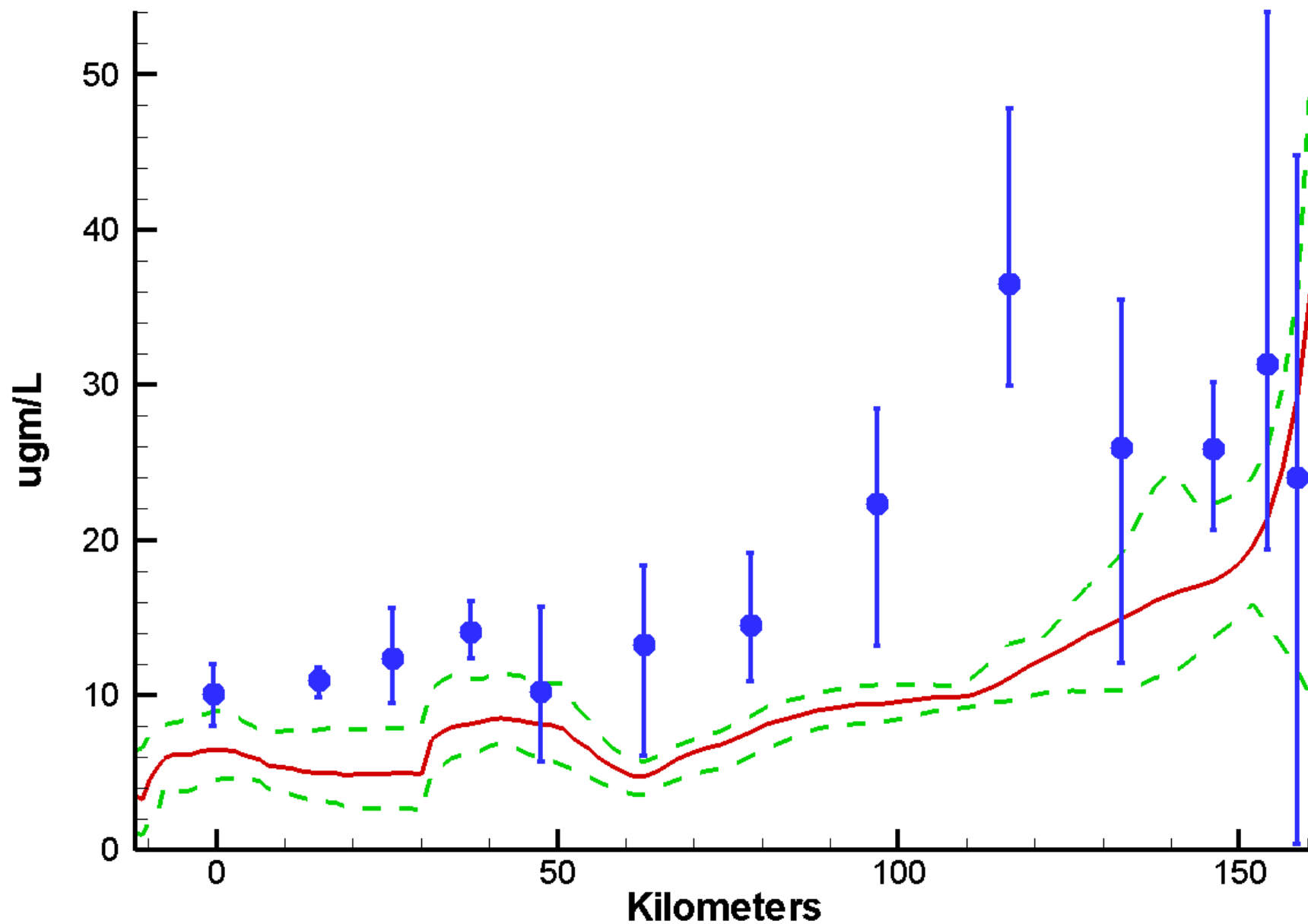
# Rappahannock River Ches2015 Run118

## Surface Total Suspended Solids Spring 1999



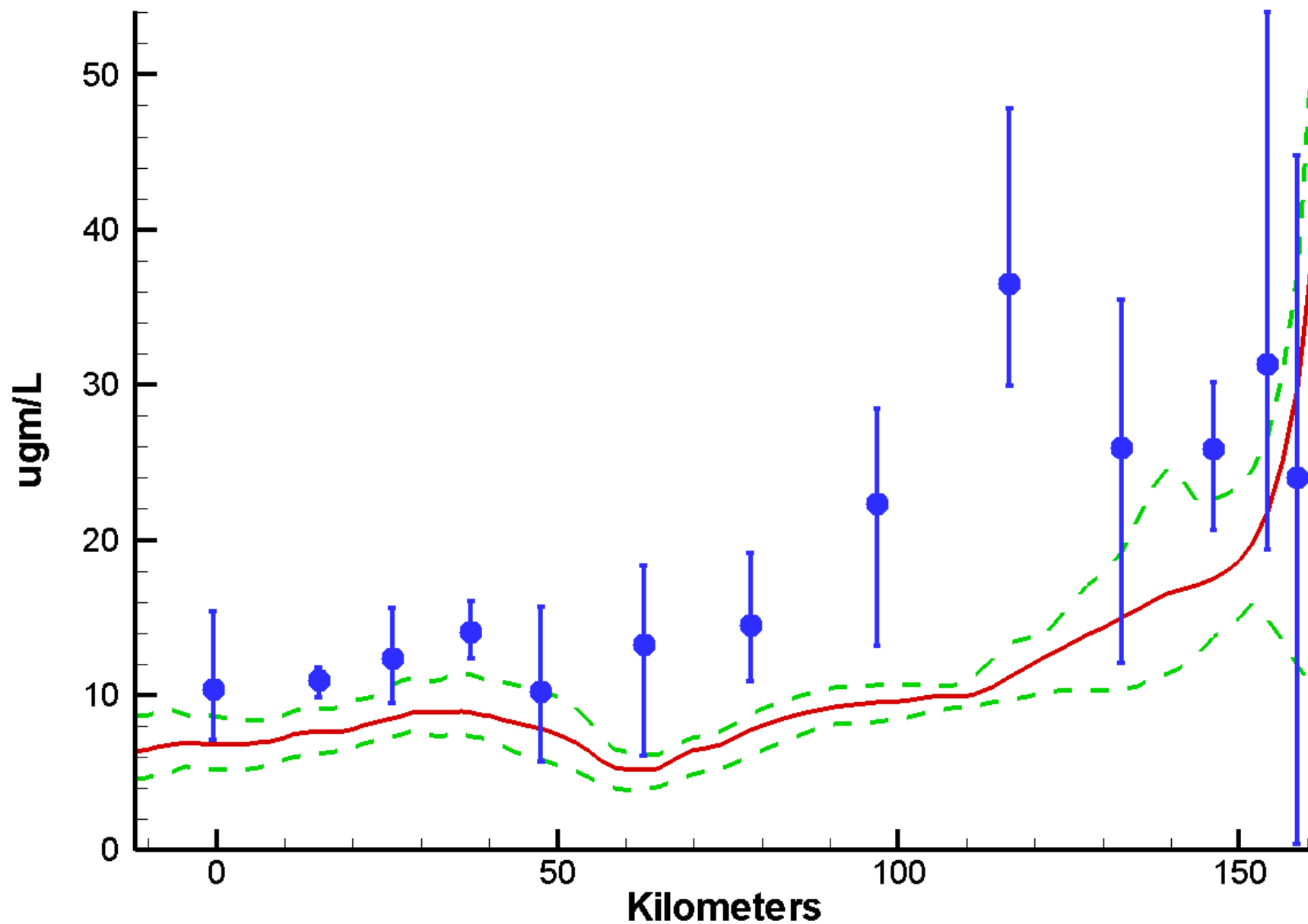
# Rappahannock River Ches2015 Run118

## Bottom Chlorophyll Summer 1999



# Rappahannock River Ches2015 Run118

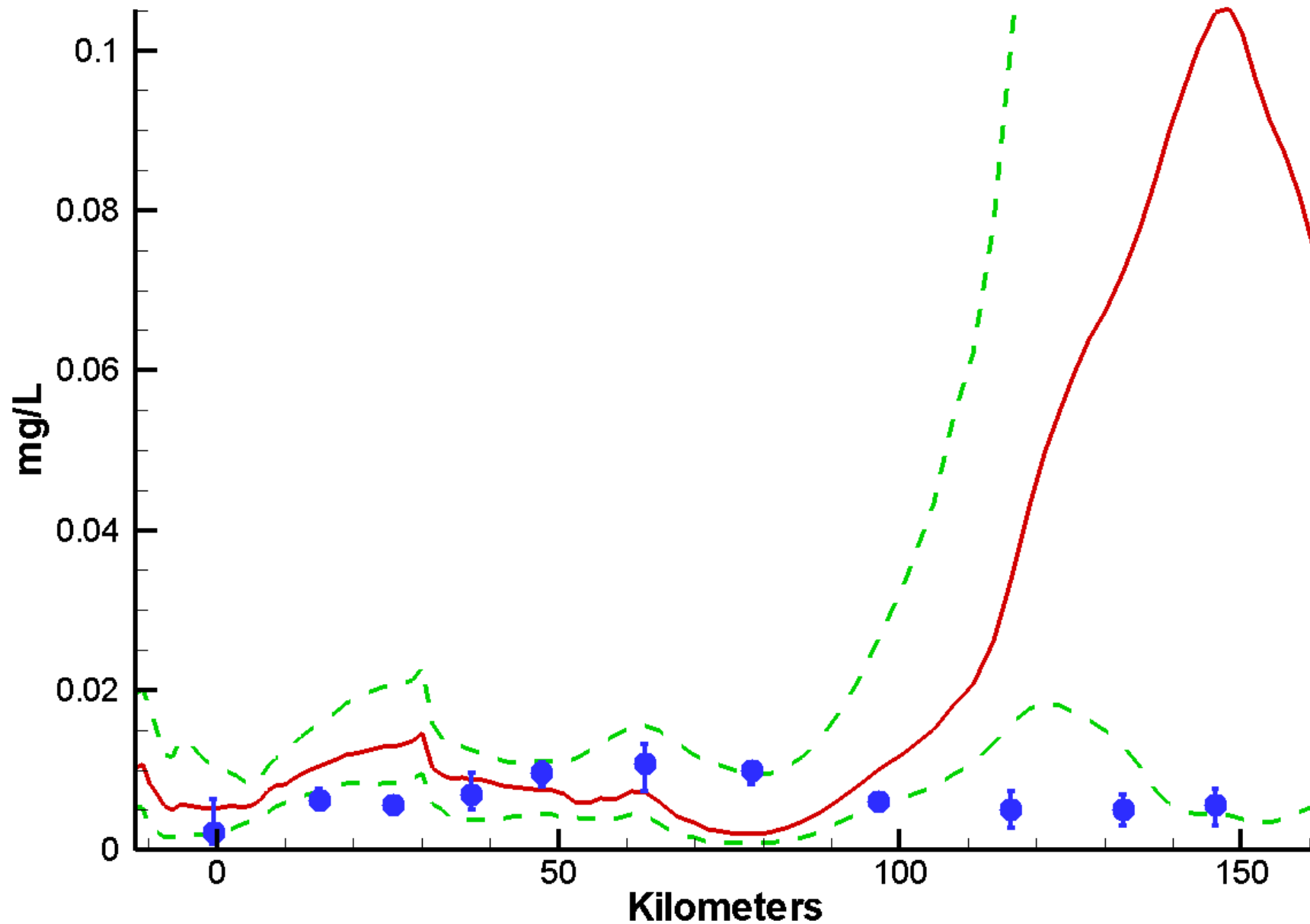
## Surface Chlorophyll Summer 1999





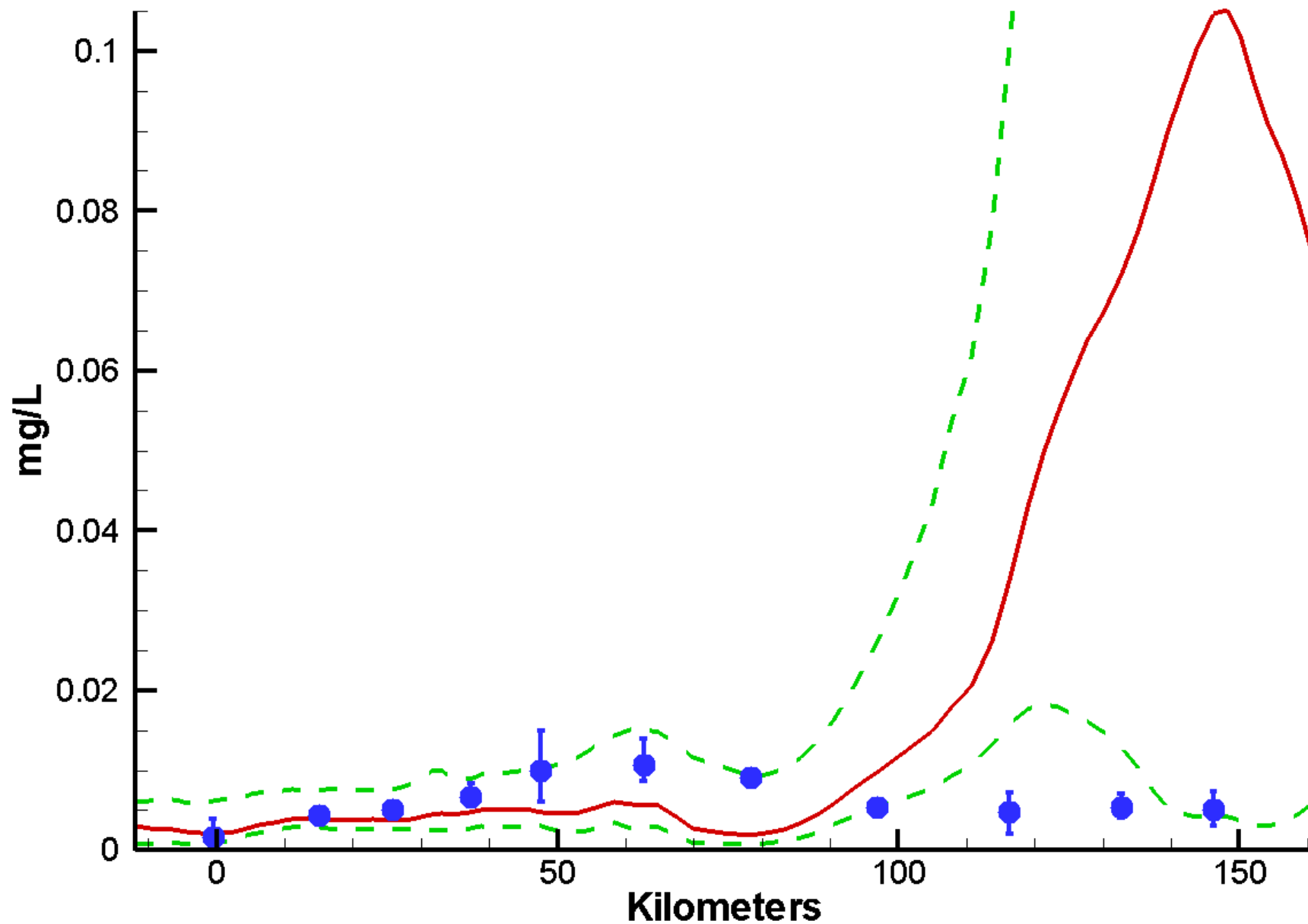
# Rappahannock River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1999



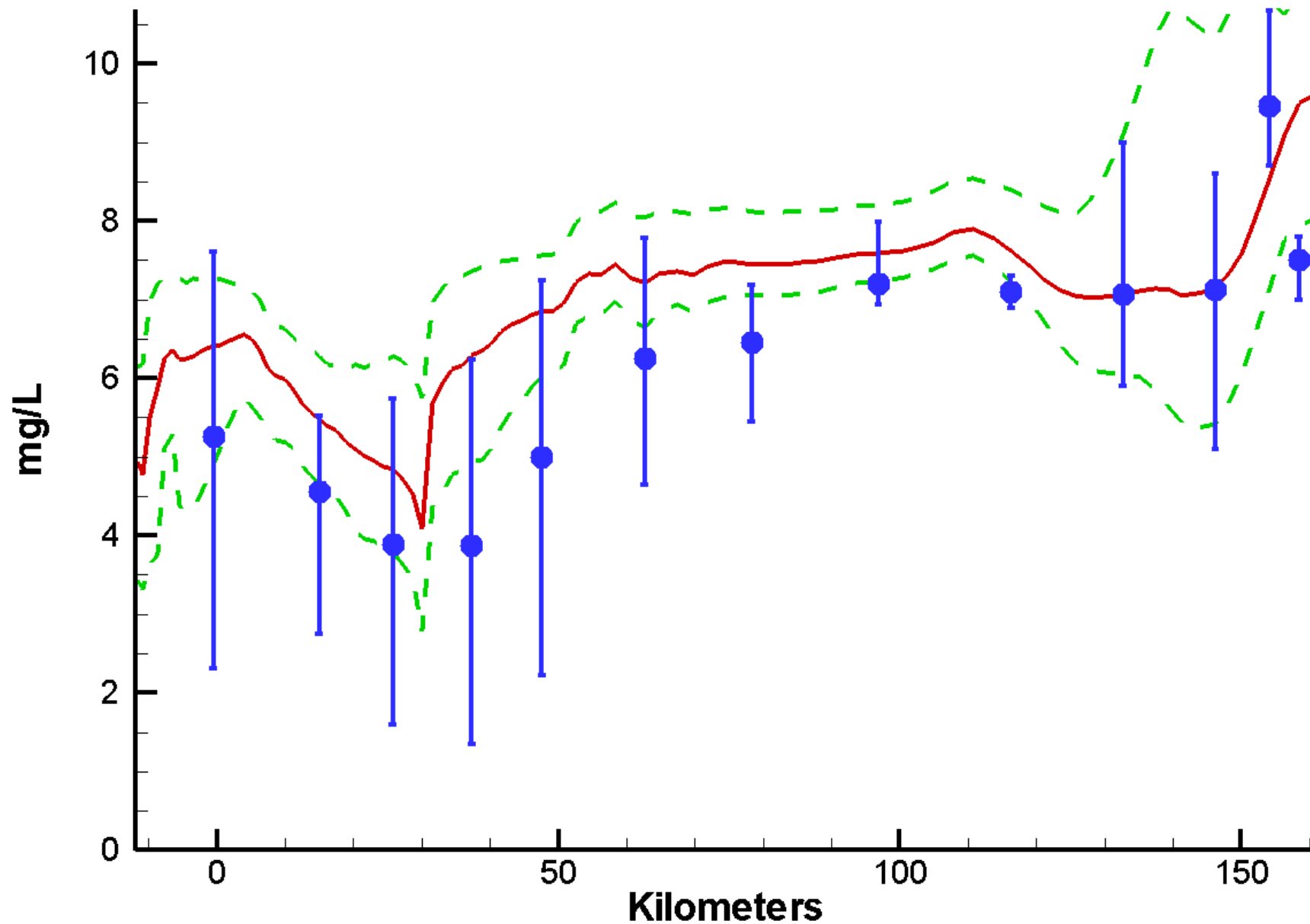
# Rappahannock River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1999

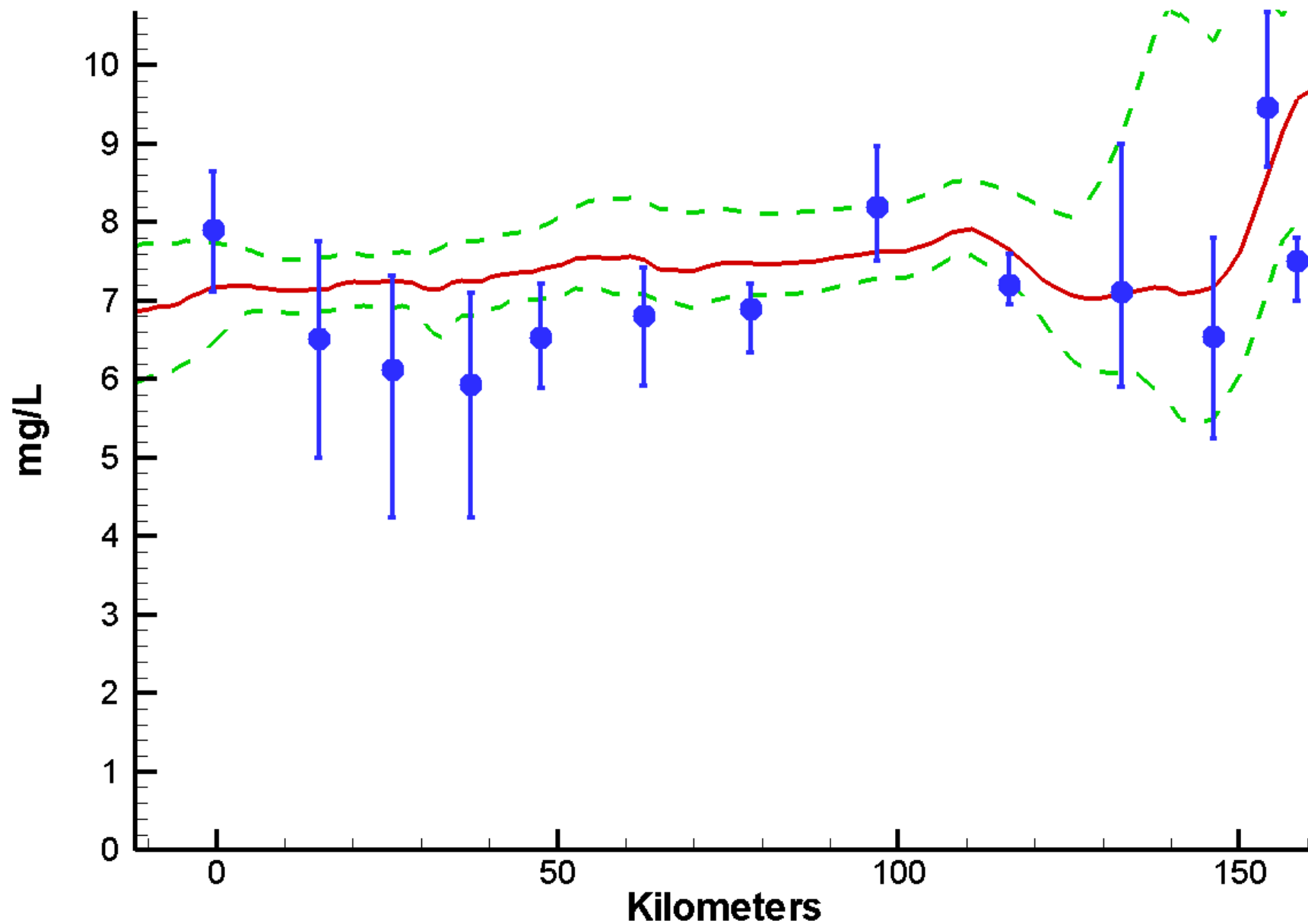


# Rappahannock River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1999

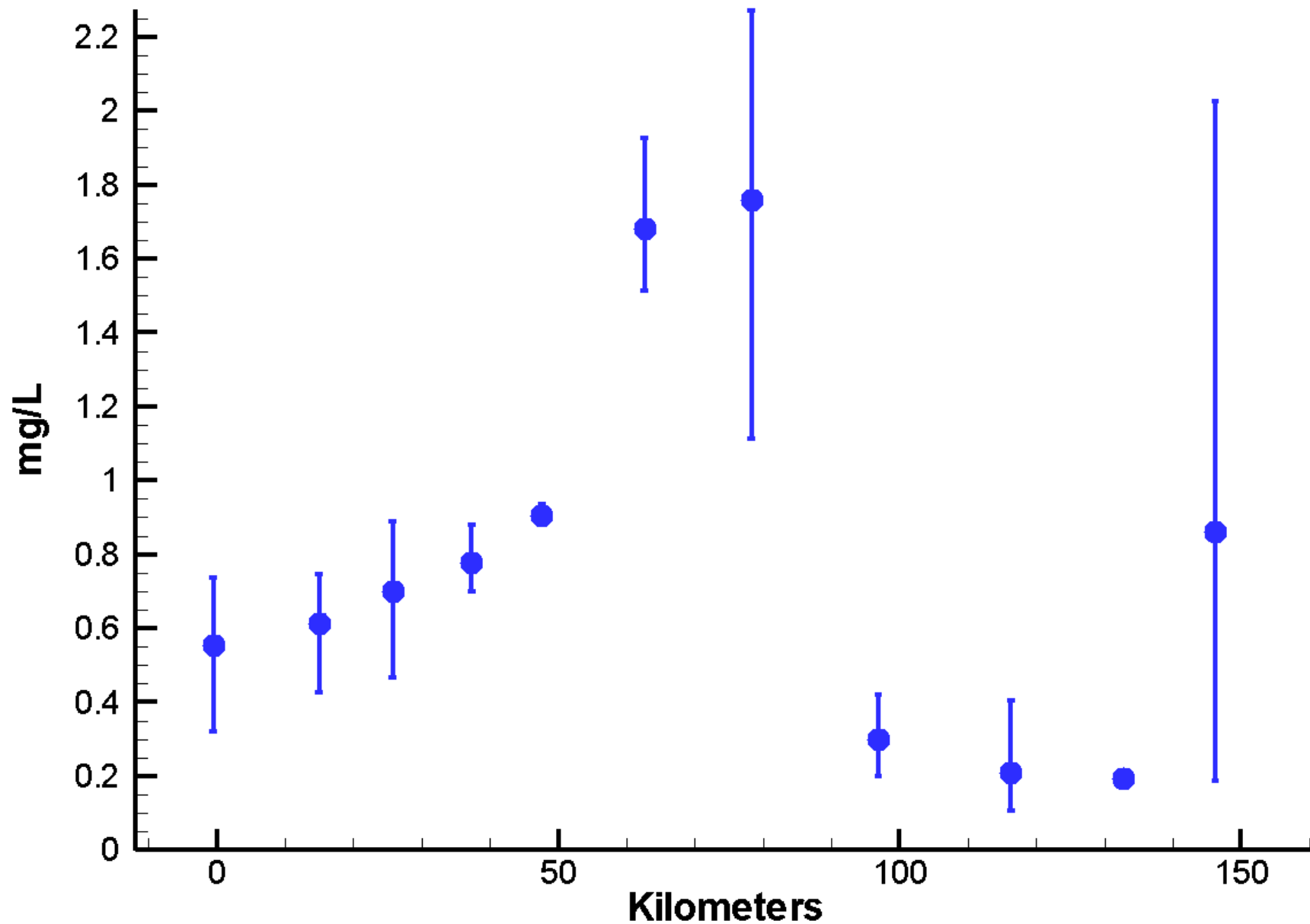


# Rappahannock River Ches2015 Run118 Surface Dissolved Oxygen Summer 1999

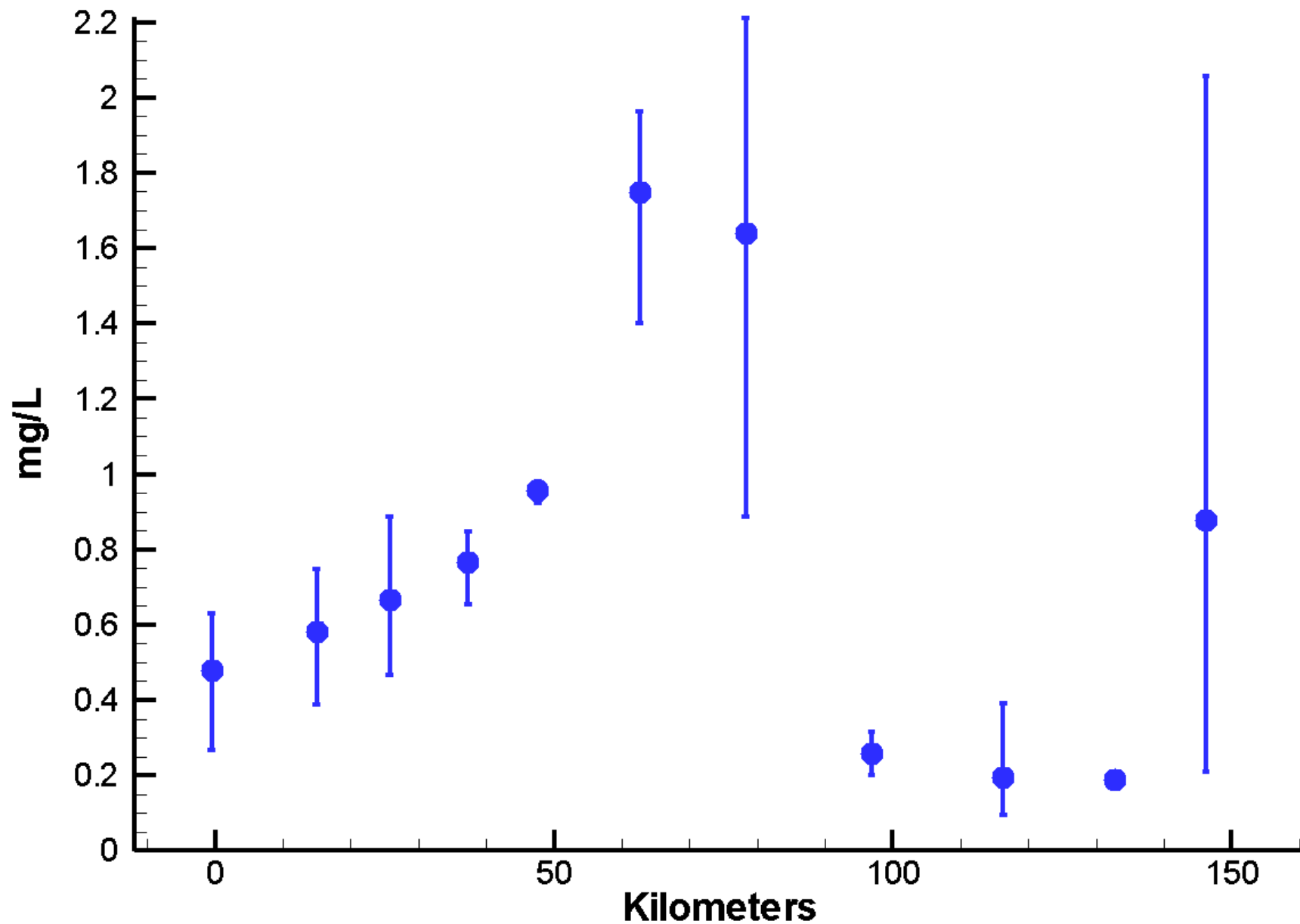


# Rappahannock River Ches2015 Run118

## Bottom Dissolved Silica Summer 1999

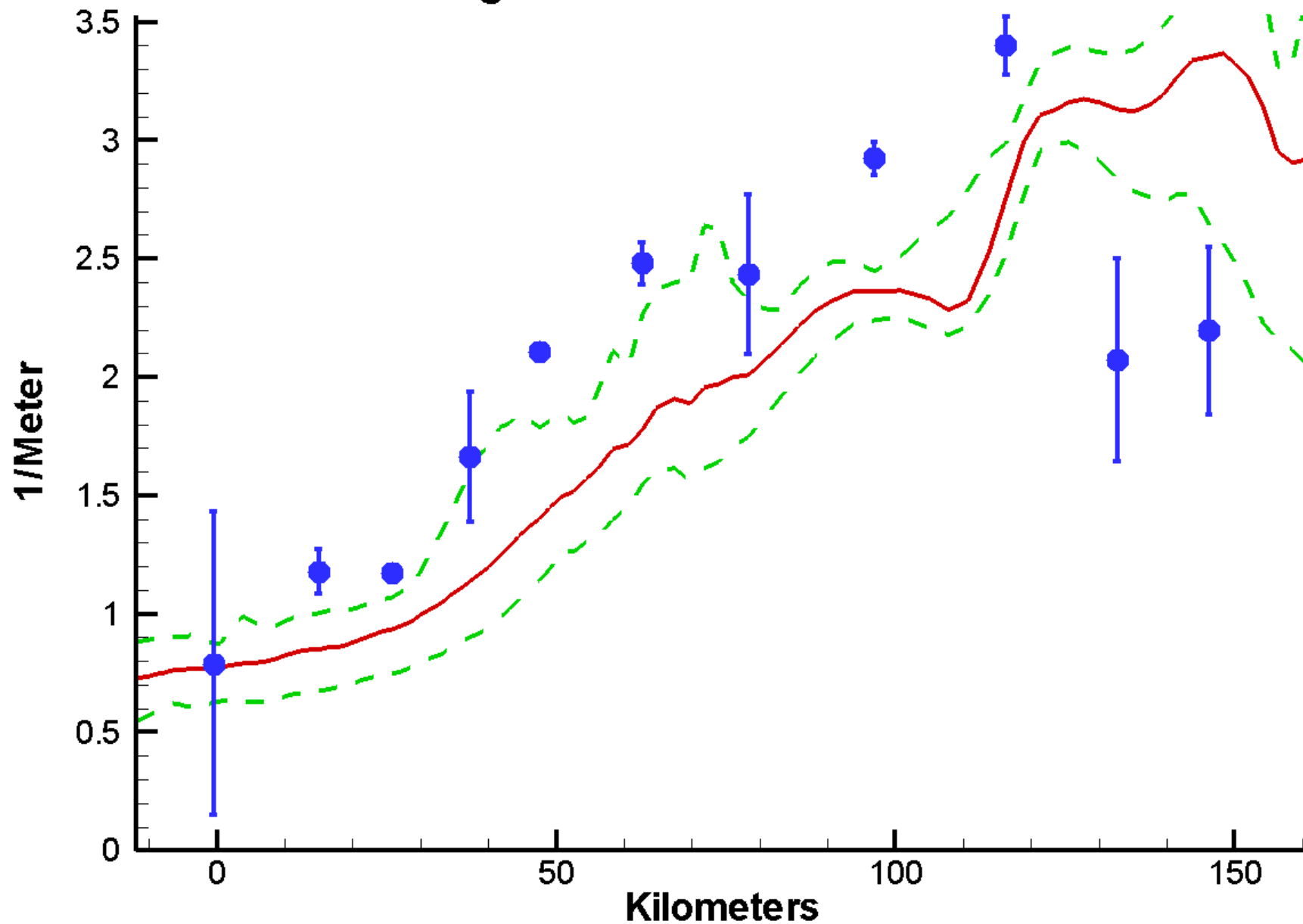


# Rappahannock River Ches2015 Run118 Surface Dissolved Silica Summer 1999



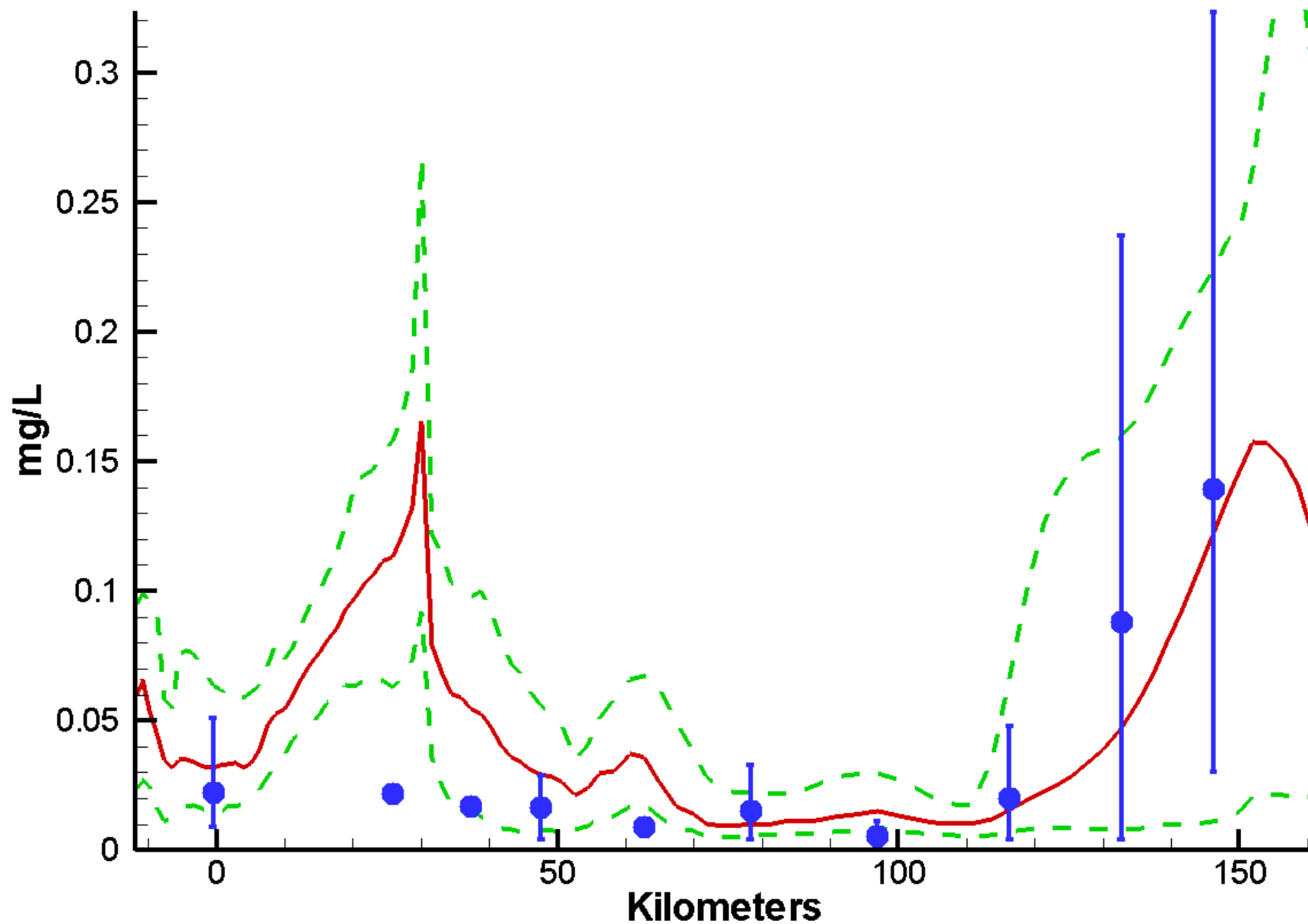
# Rappahannock River Ches2015 Run118

## Surface Light Extinction Summer 1999



# Rappahannock River Ches2015 Run118

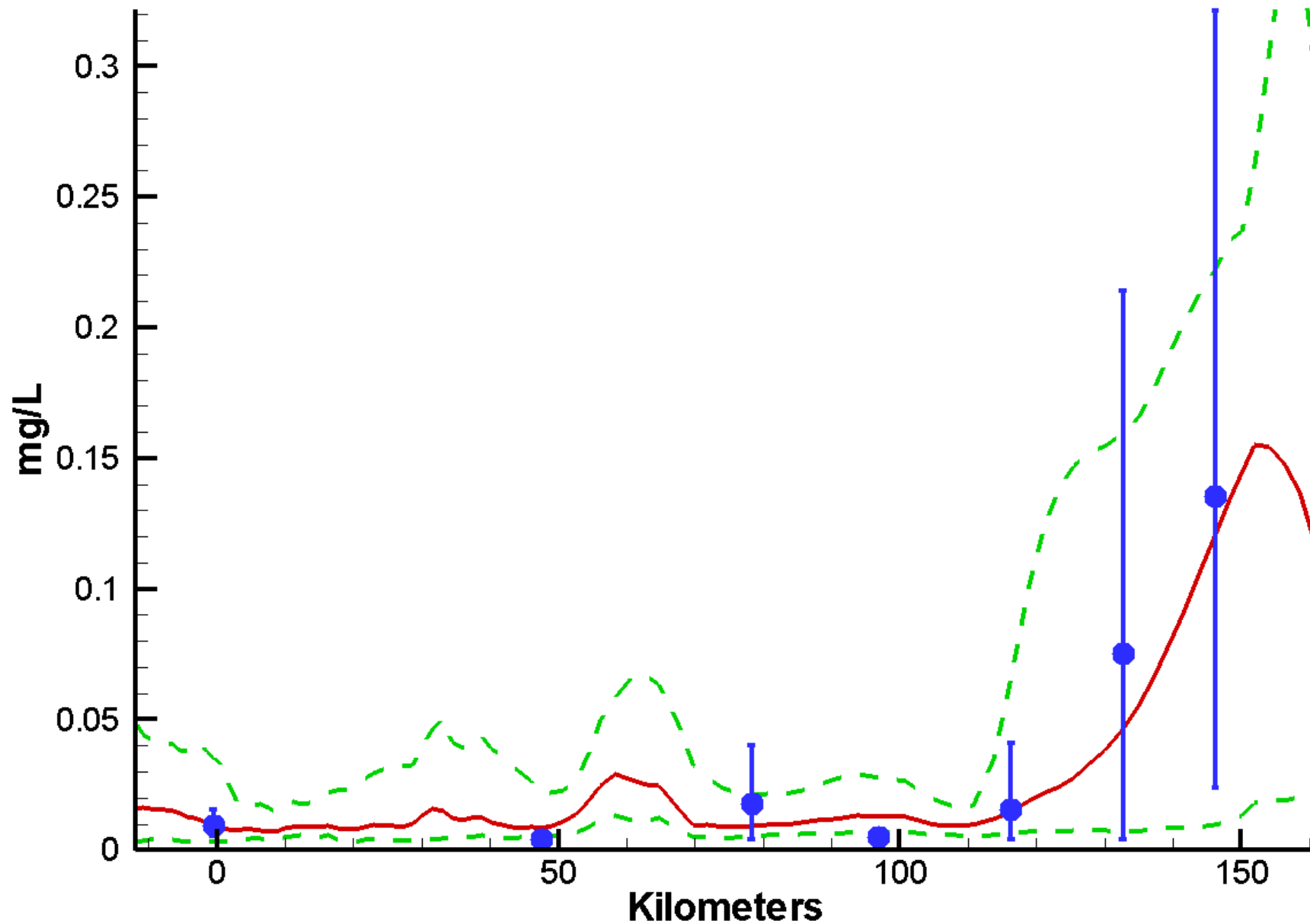
## Bottom Ammonium Summer 1999





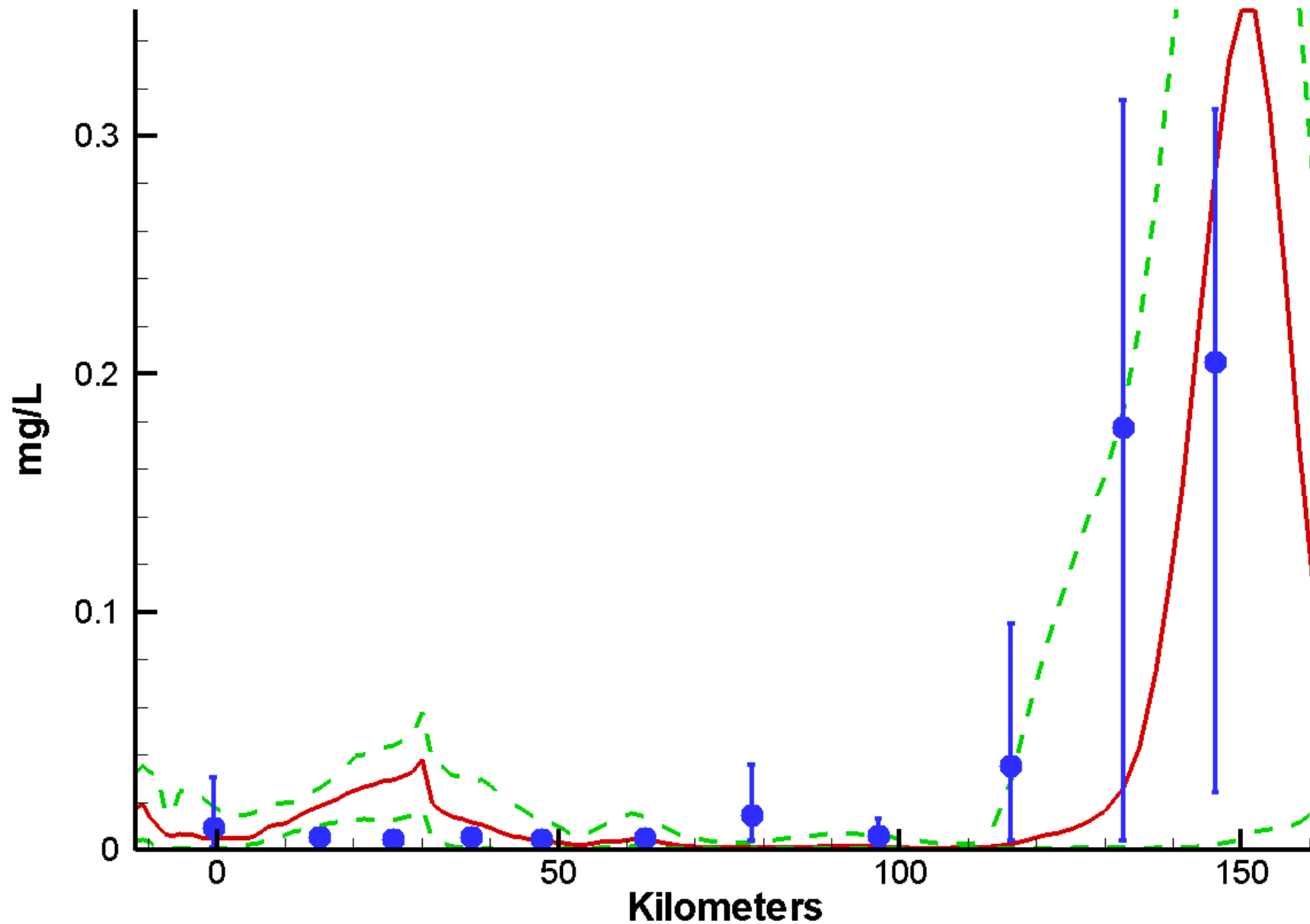
# Rappahannock River Ches2015 Run118

## Surface Ammonium Summer 1999



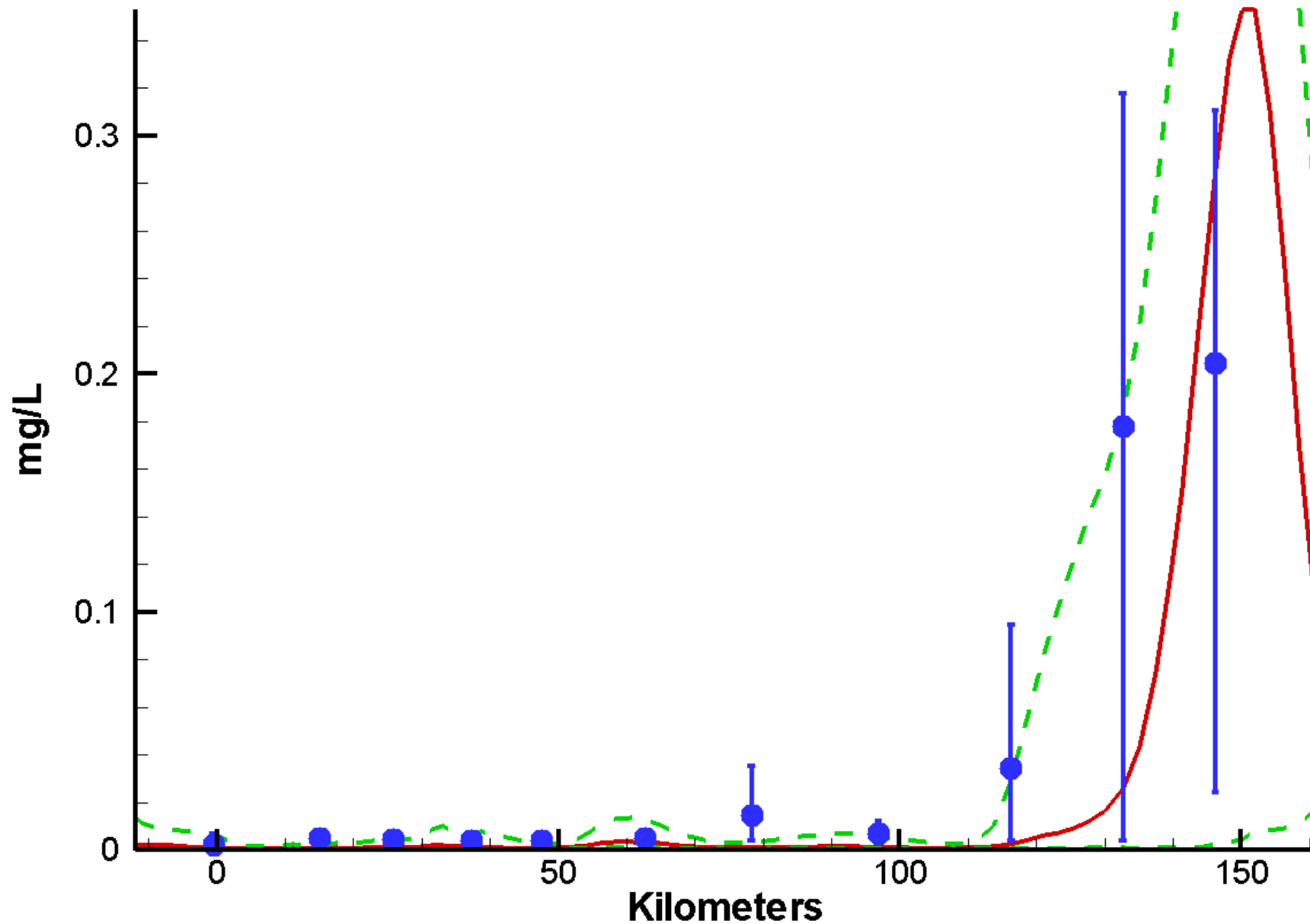
# Rappahannock River Ches2015 Run118

## Bottom Nitrate Summer 1999



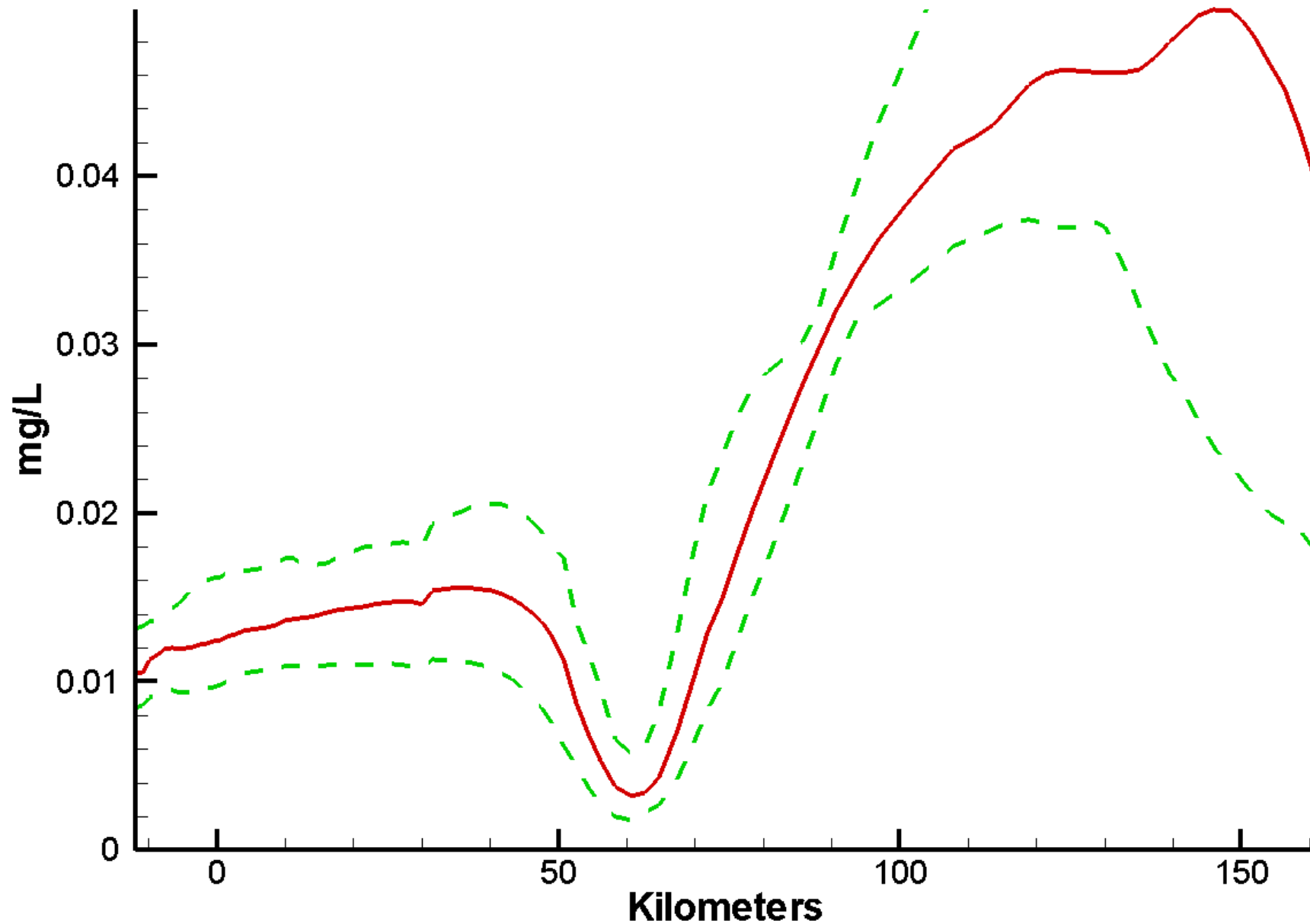
# Rappahannock River Ches2015 Run118

## Surface Nitrate Summer 1999



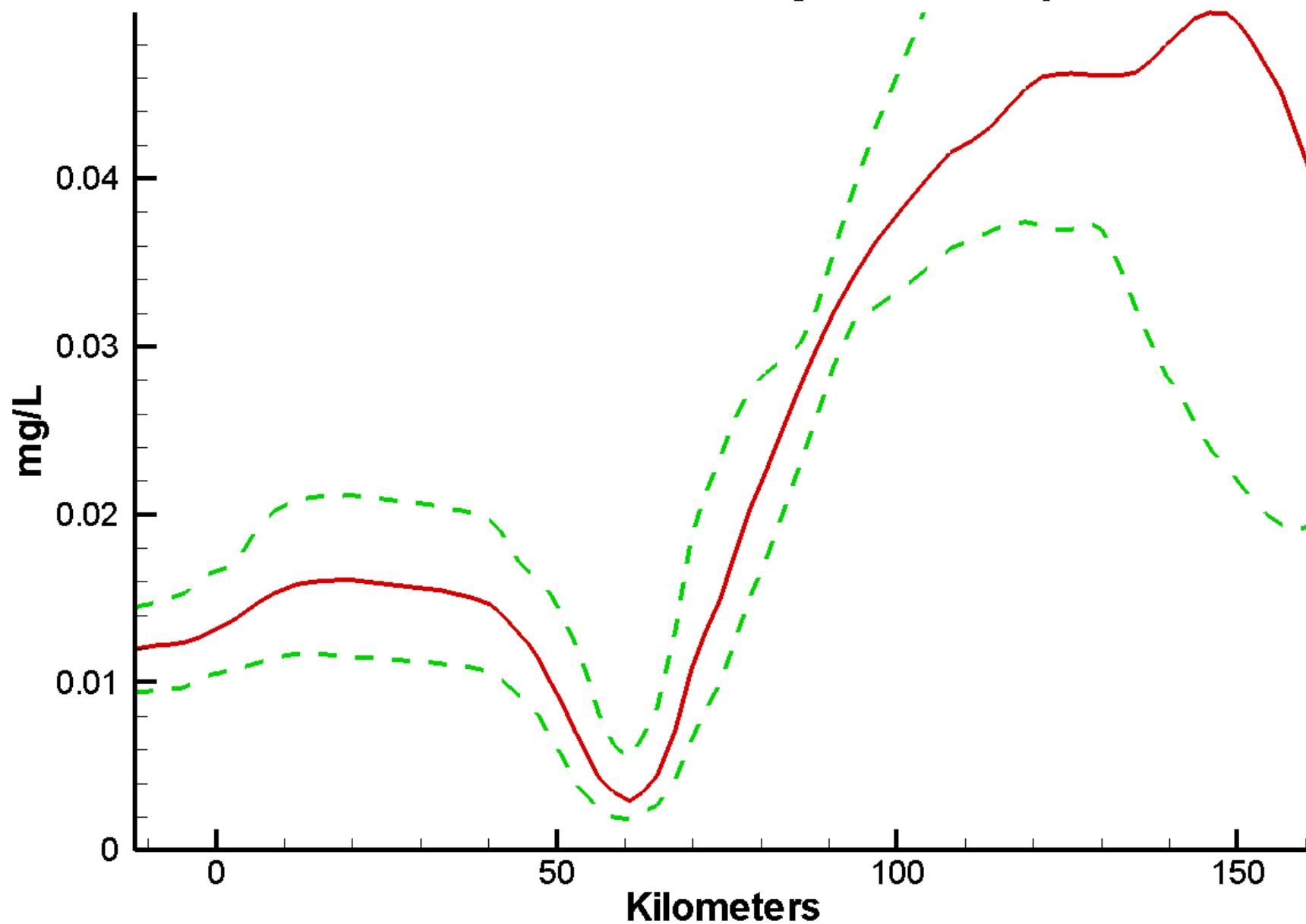
# Rappahannock River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Summer 1999



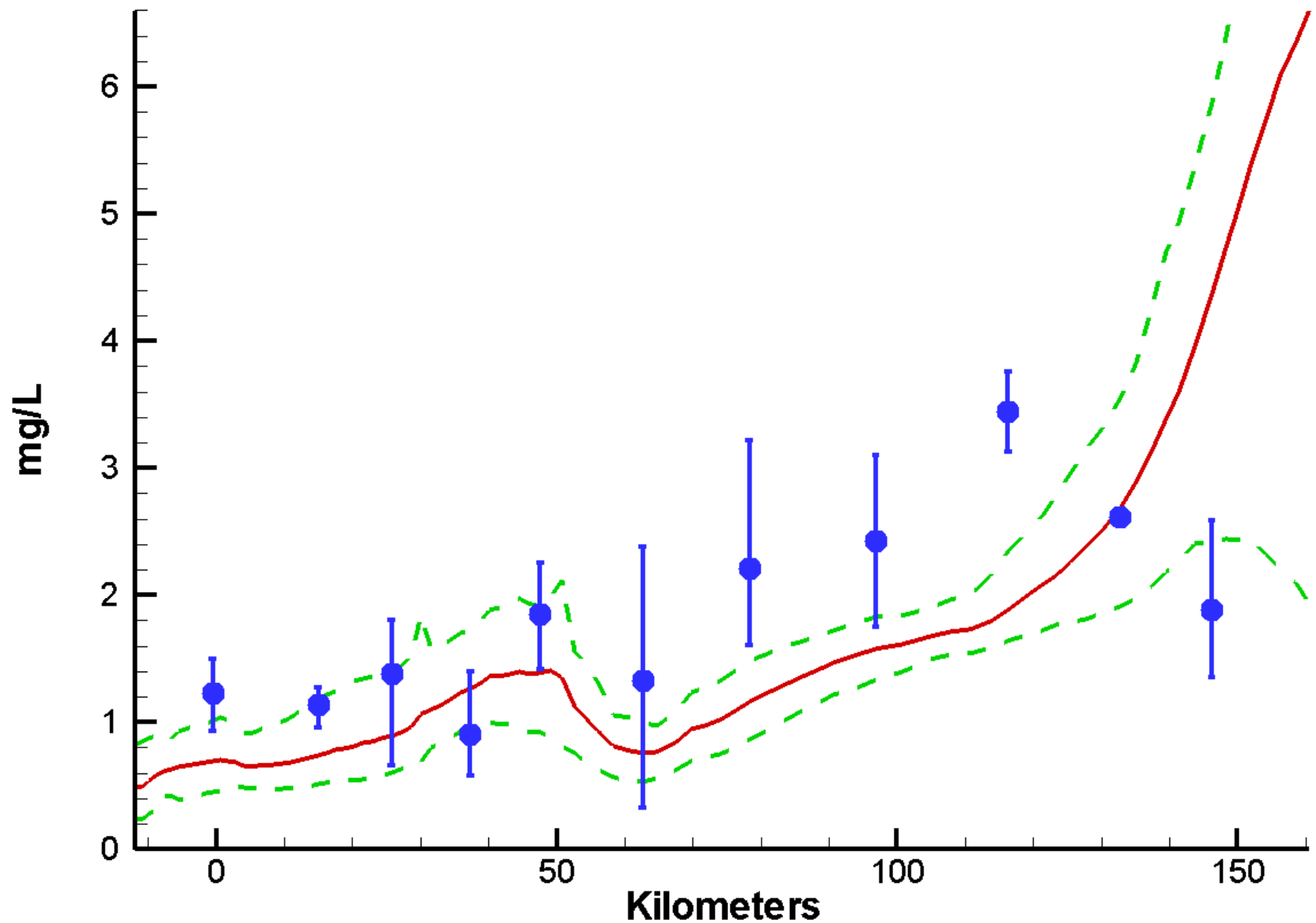
# Rappahannock River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



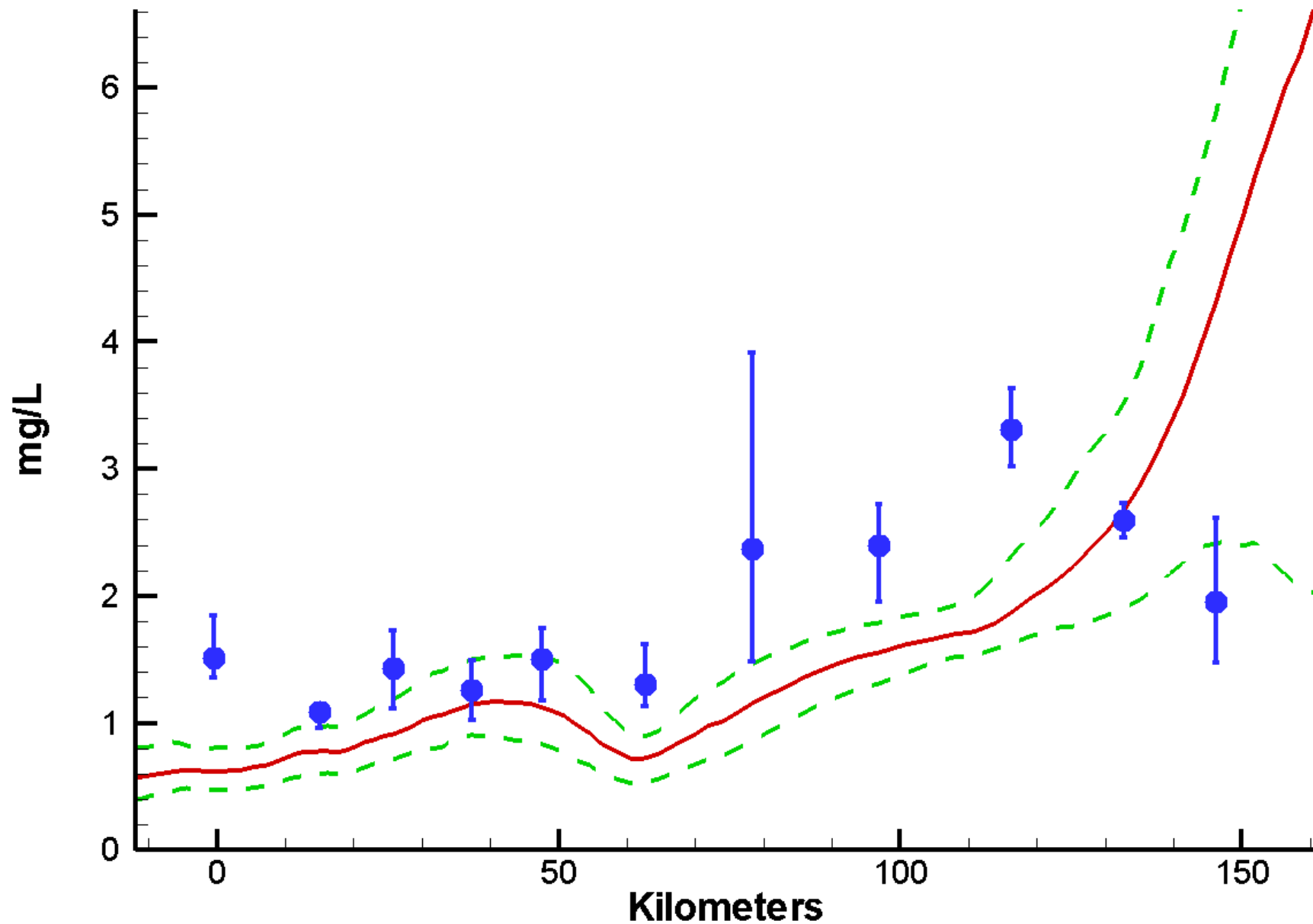
# Rappahannock River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1999



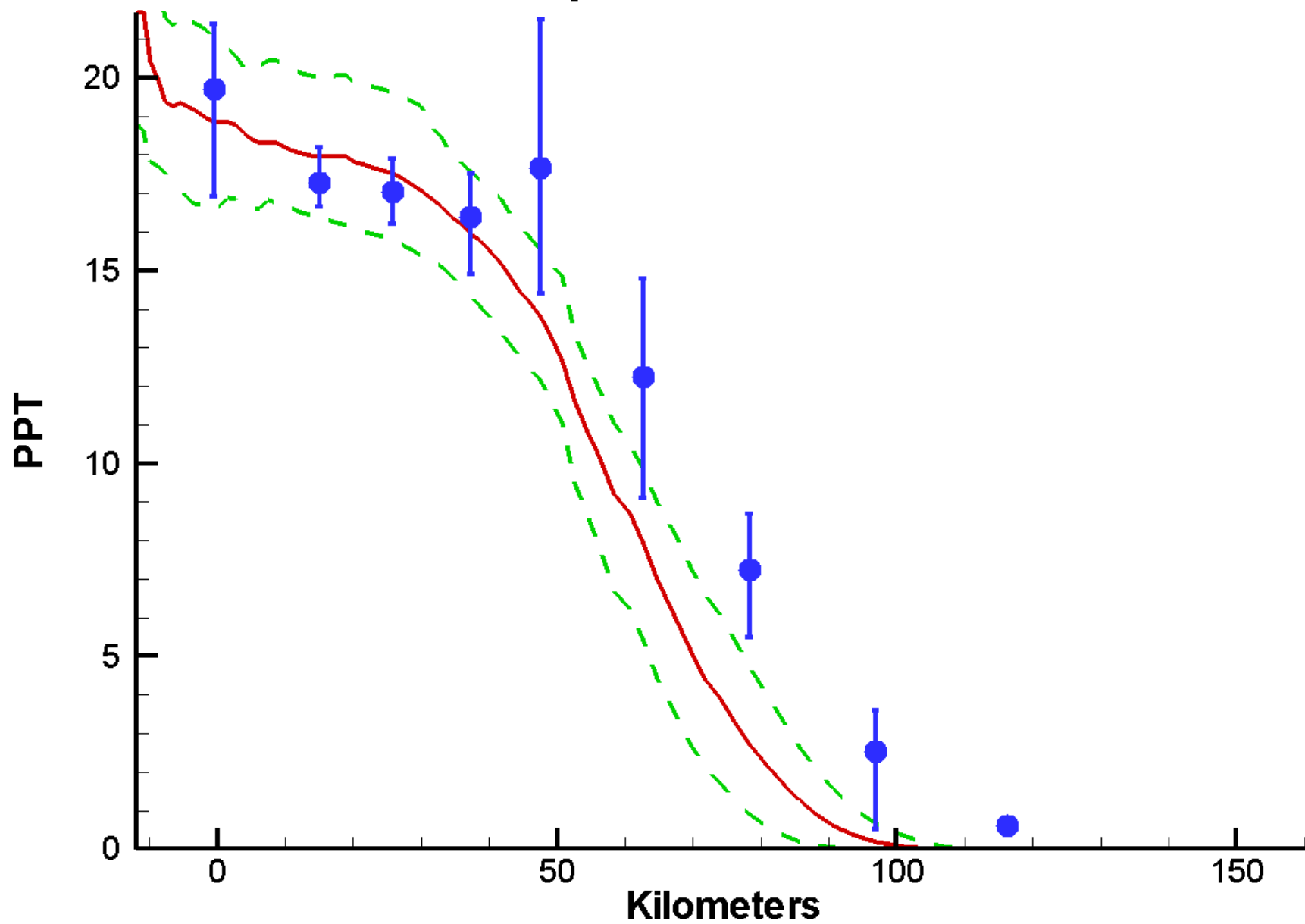
# Rappahannock River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1999



# Rappahannock River Ches2015 Run118

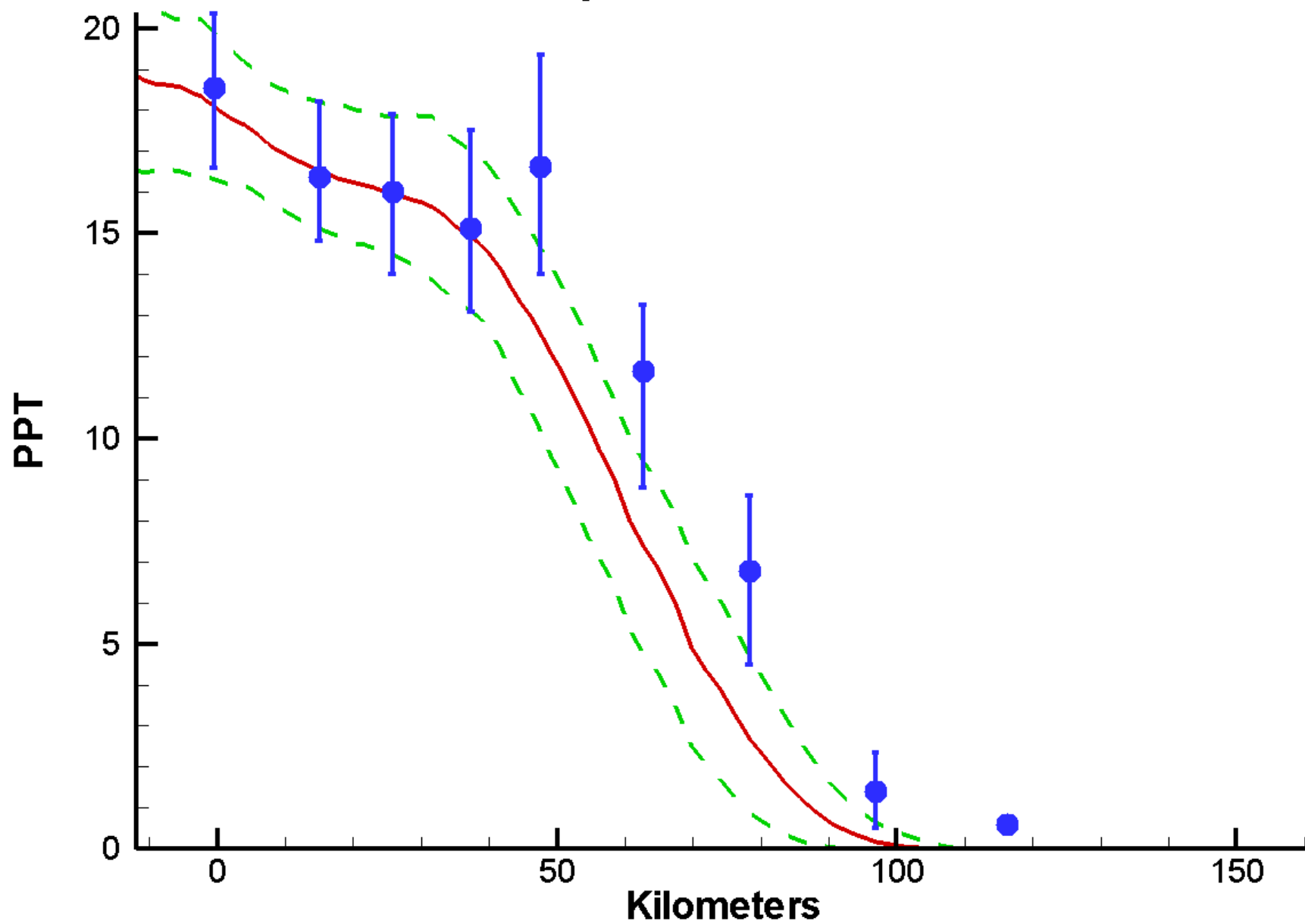
## Bottom Salinity Summer 1999





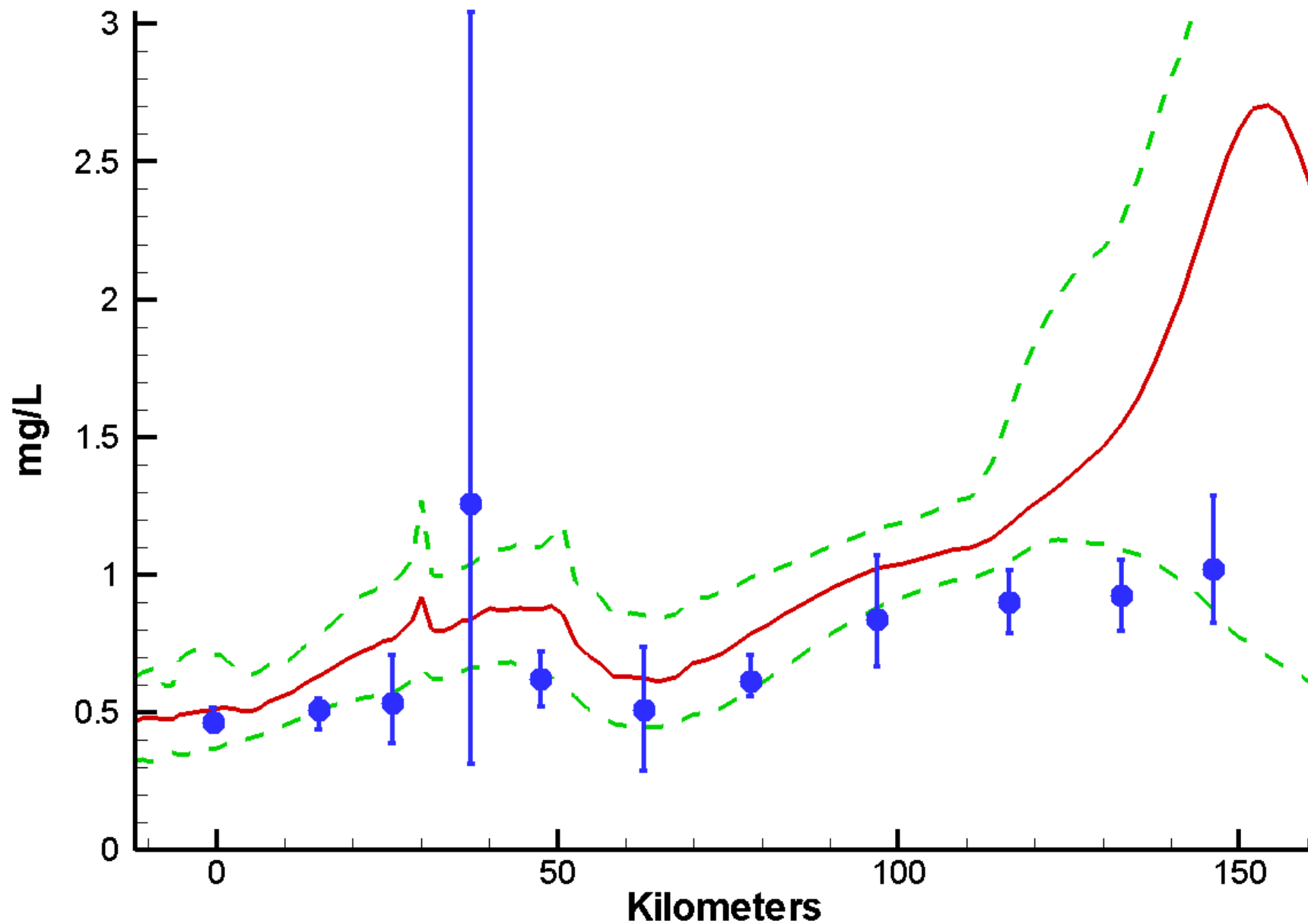
# Rappahannock River Ches2015 Run118

## Surface Salinity Summer 1999



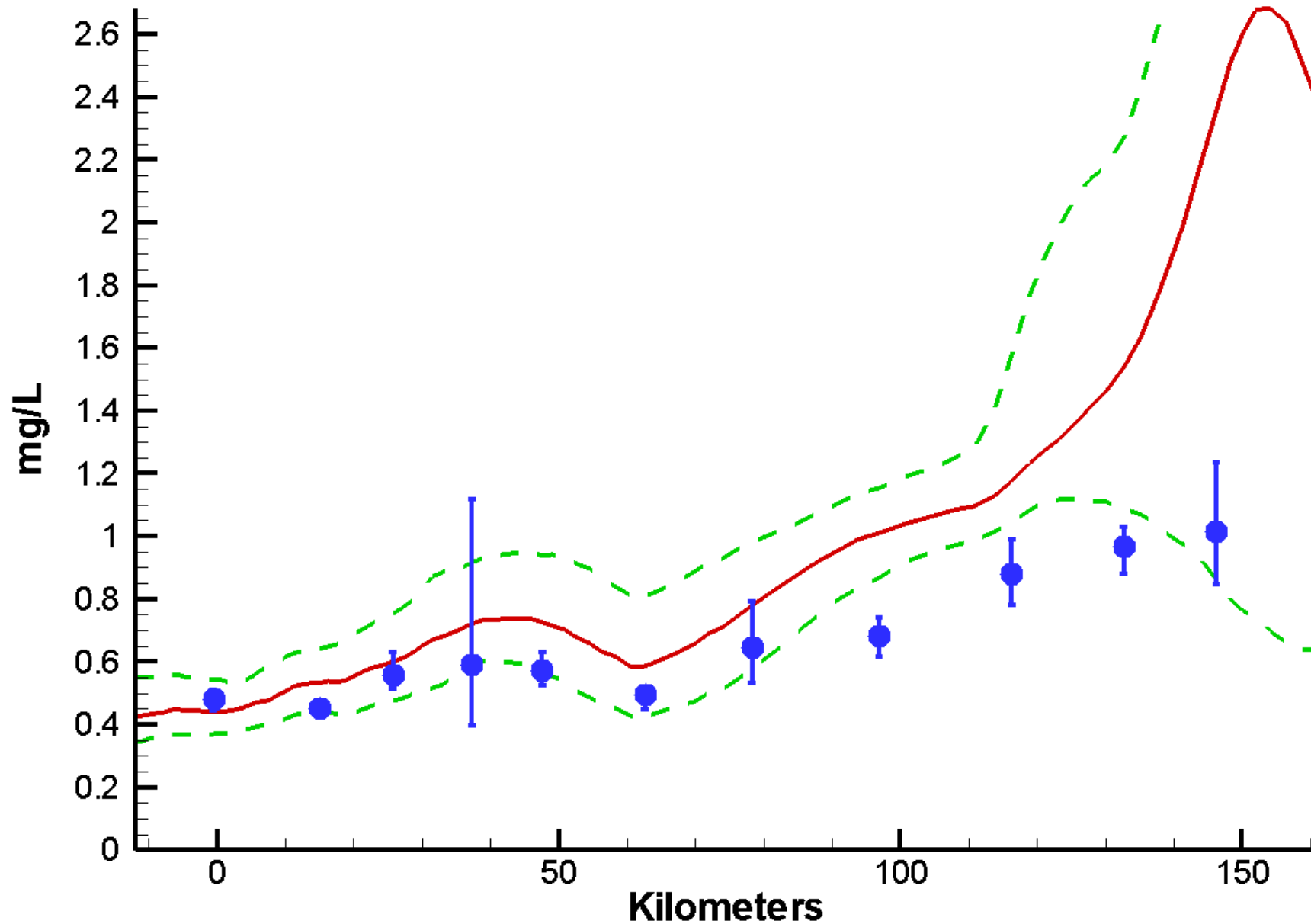
# Rappahannock River Ches2015 Run118

## Bottom Total Nitrogen Summer 1999



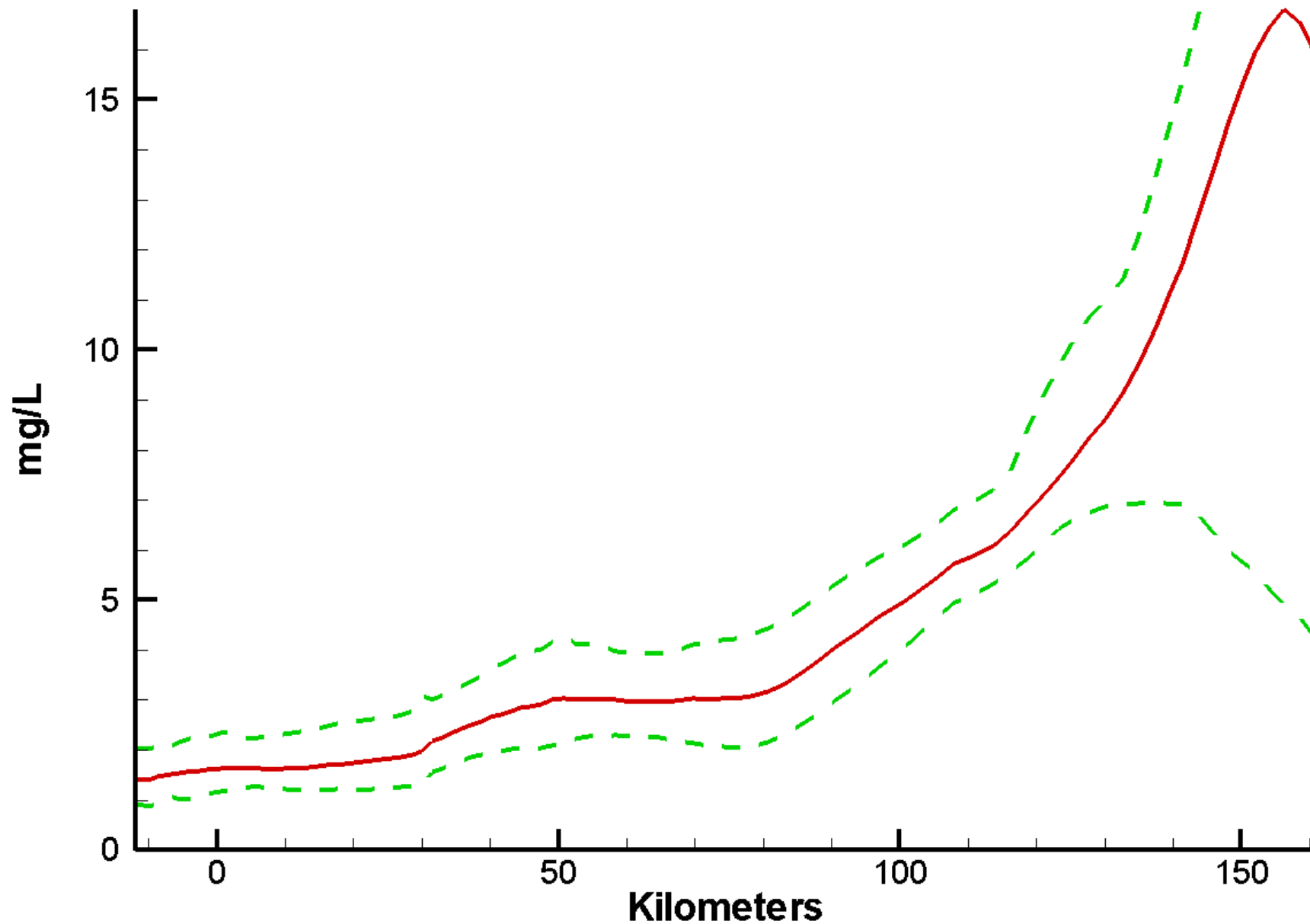
# Rappahannock River Ches2015 Run118

## Surface Total Nitrogen Summer 1999



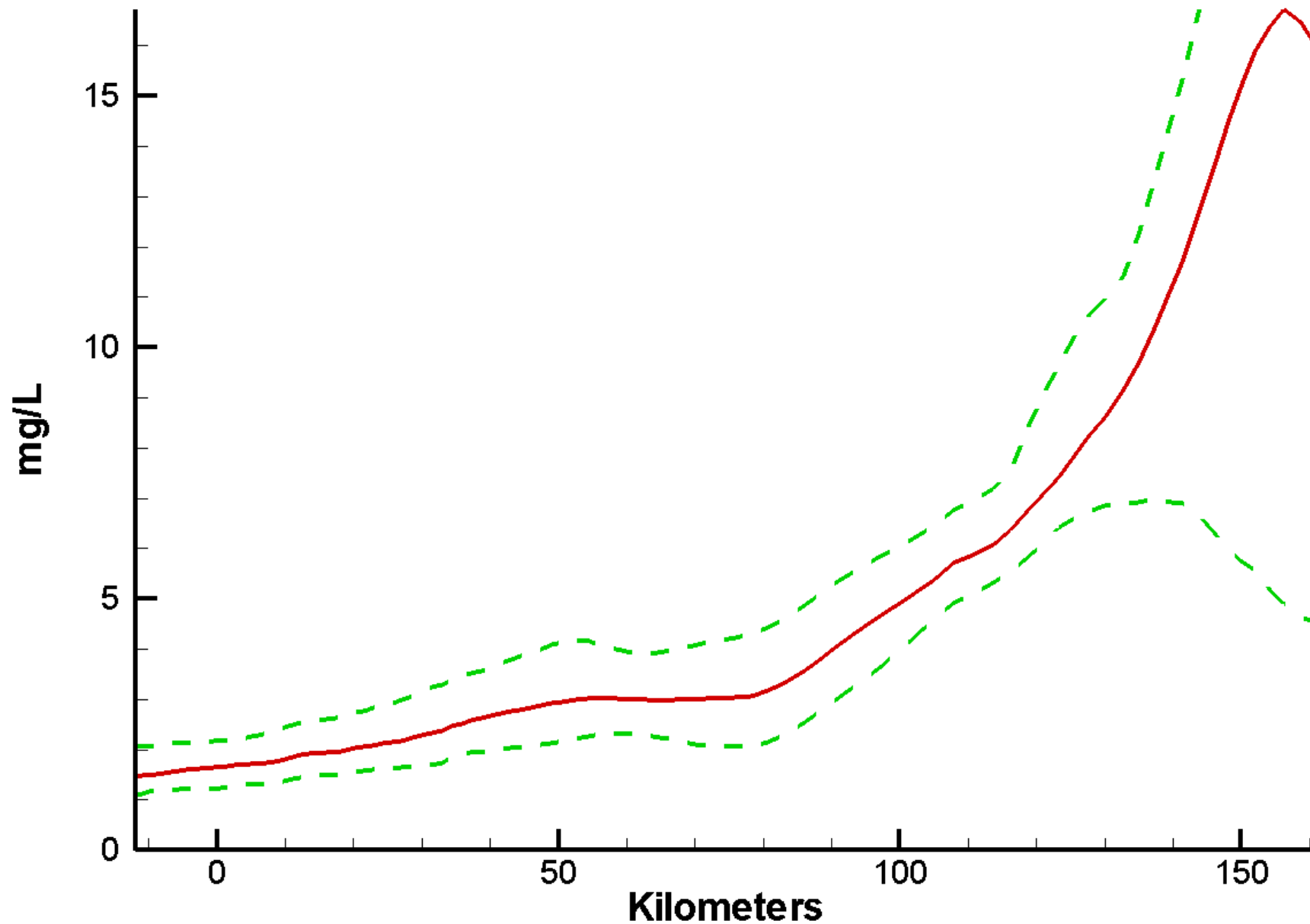
# Rappahannock River Ches2015 Run118

## Bottom Total Organic Carbon Summer 1999



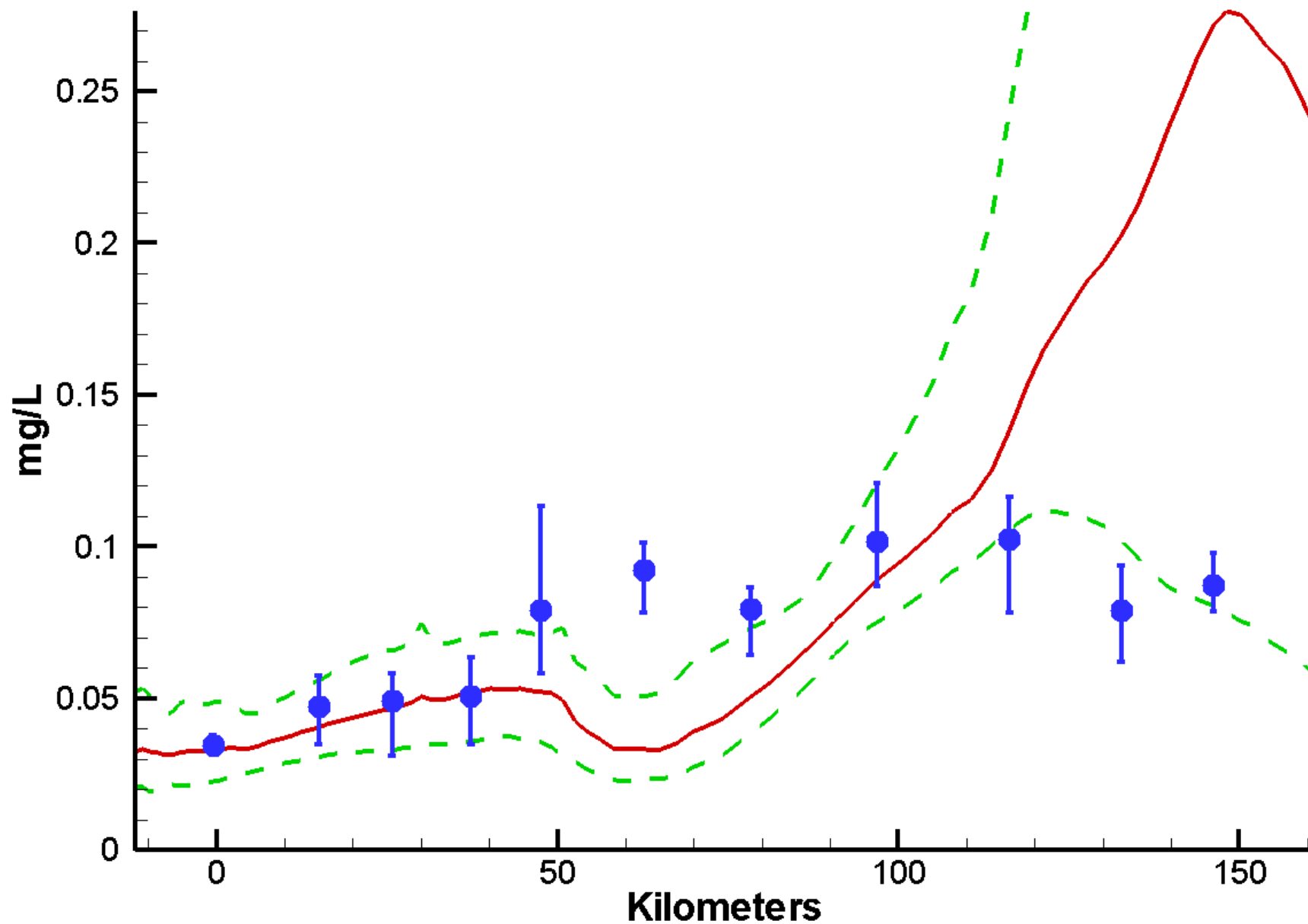
# Rappahannock River Ches2015 Run118

## Surface Total Organic Carbon Summer 1999

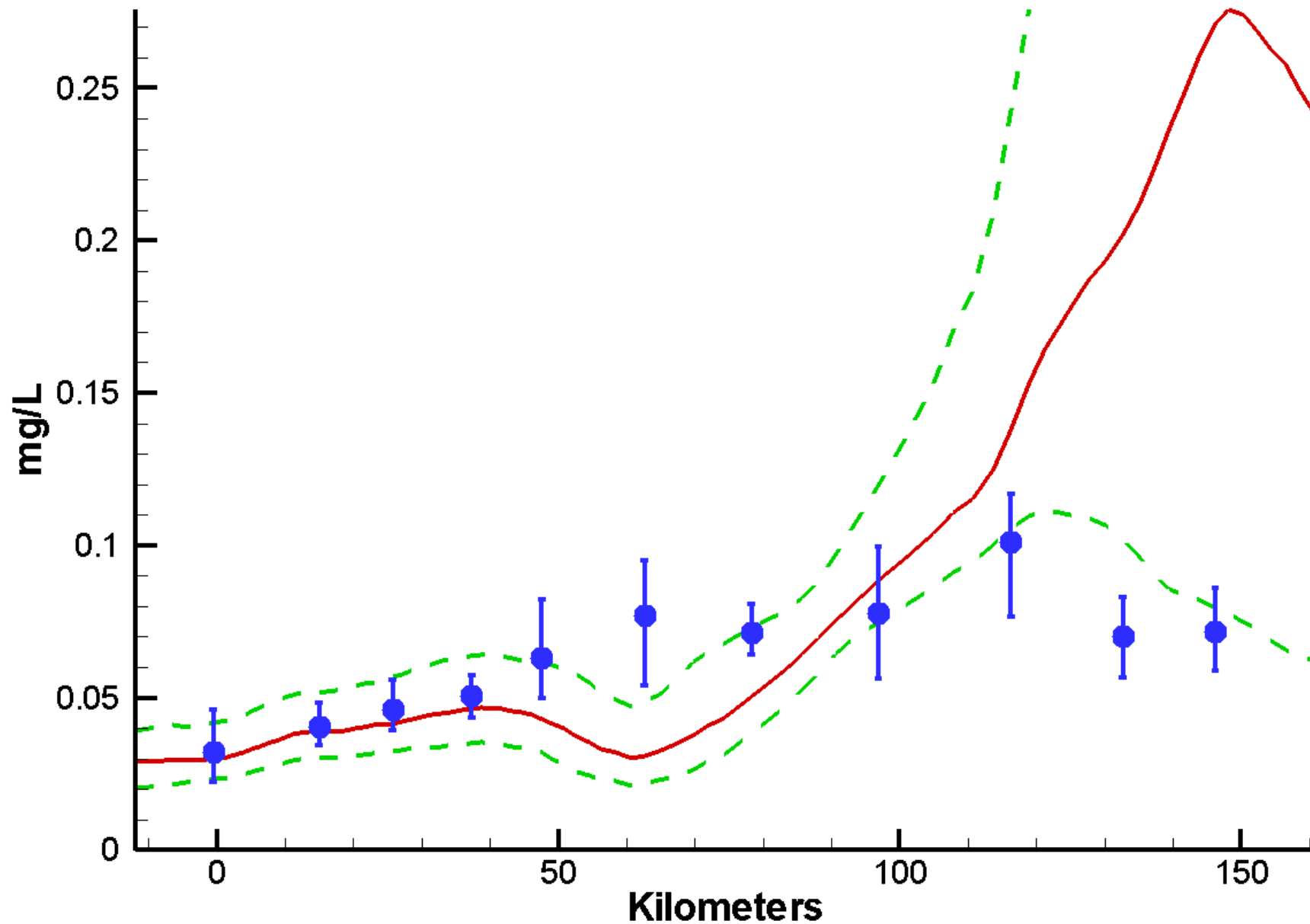


# Rappahannock River Ches2015 Run118

## Bottom Total Phosphorus Summer 1999

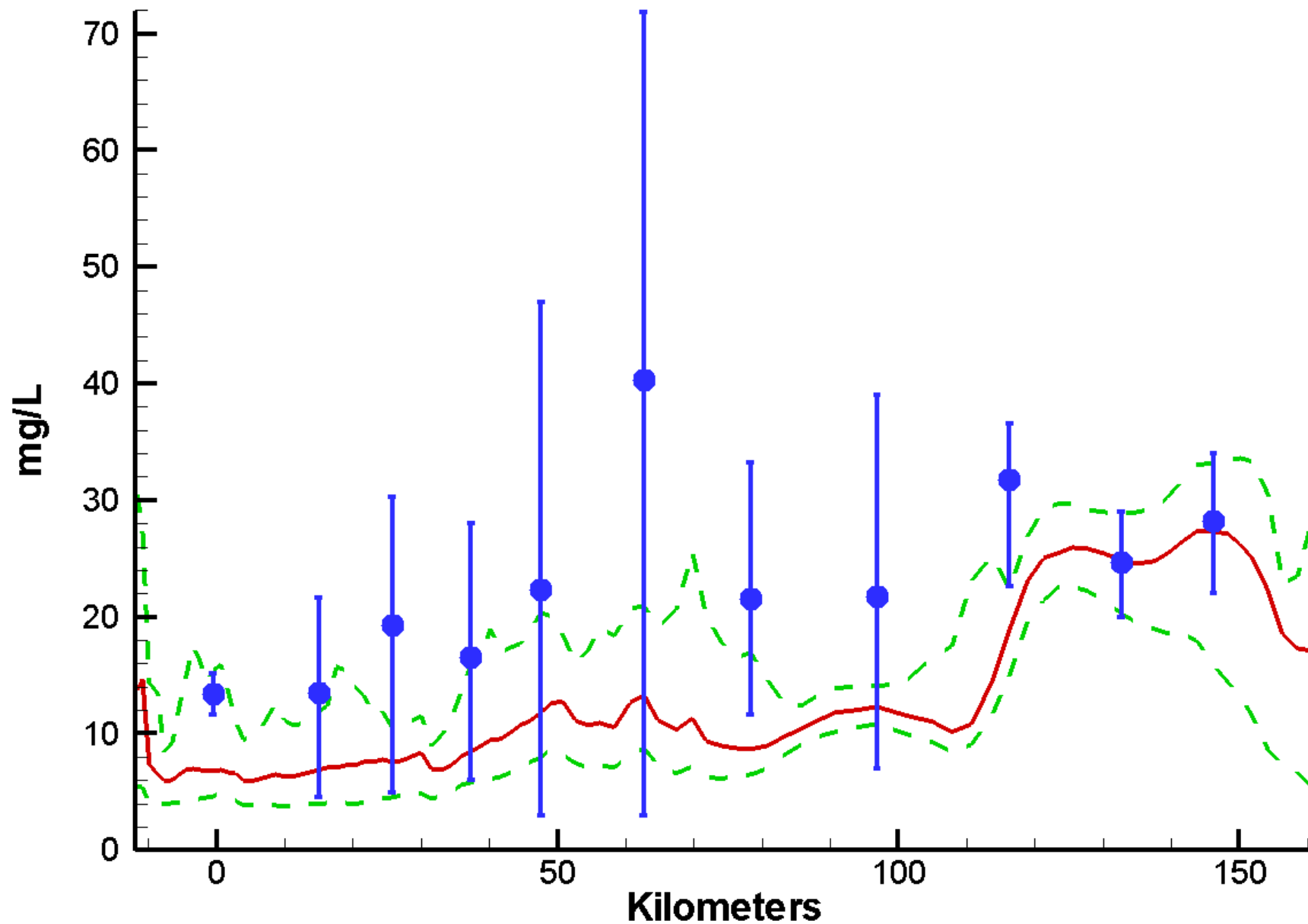


# Rappahannock River Ches2015 Run118 Surface Total Phosphorus Summer 1999



# Rappahannock River Ches2015 Run118

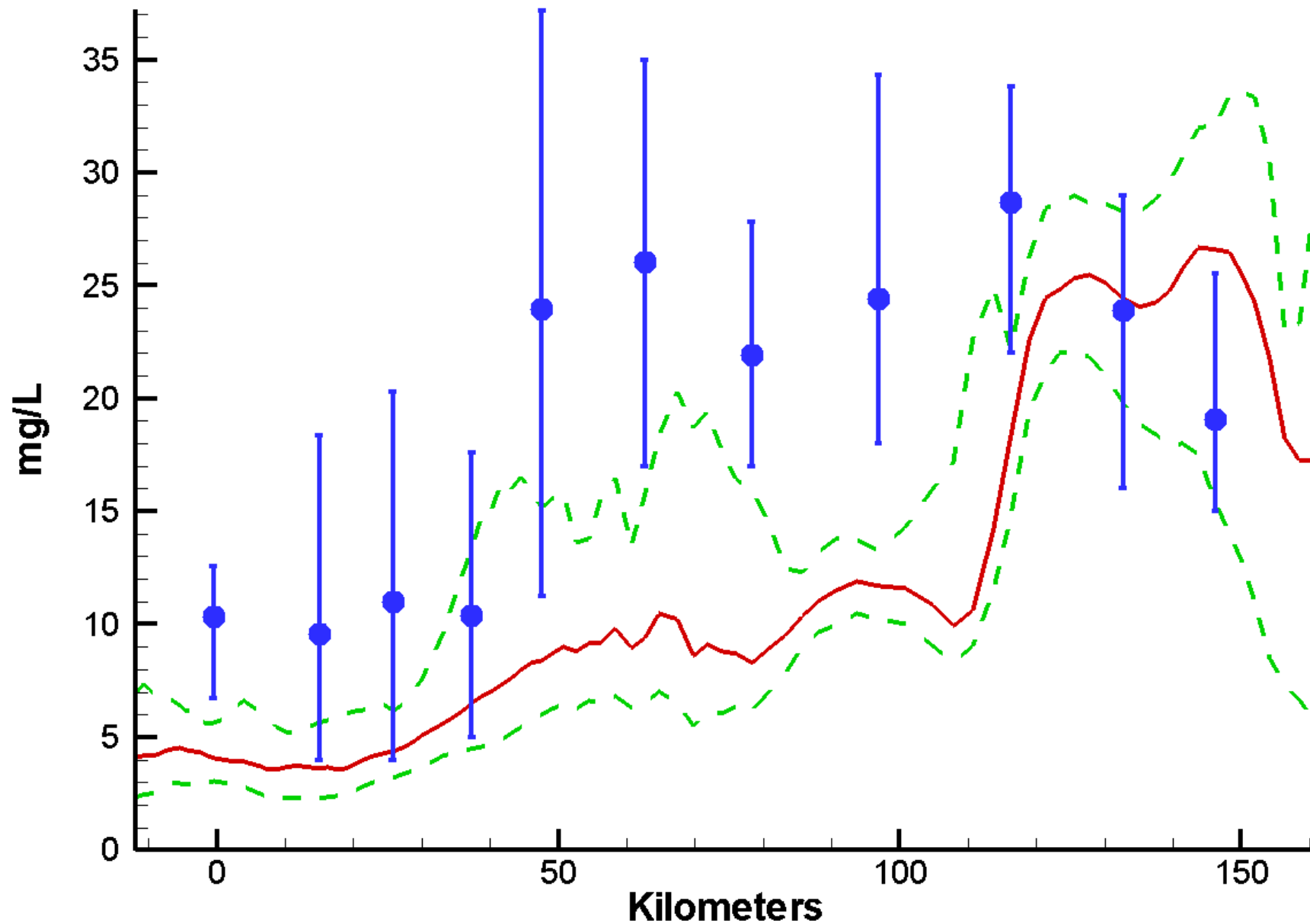
## Bottom Total Suspended Solids Summer 1999





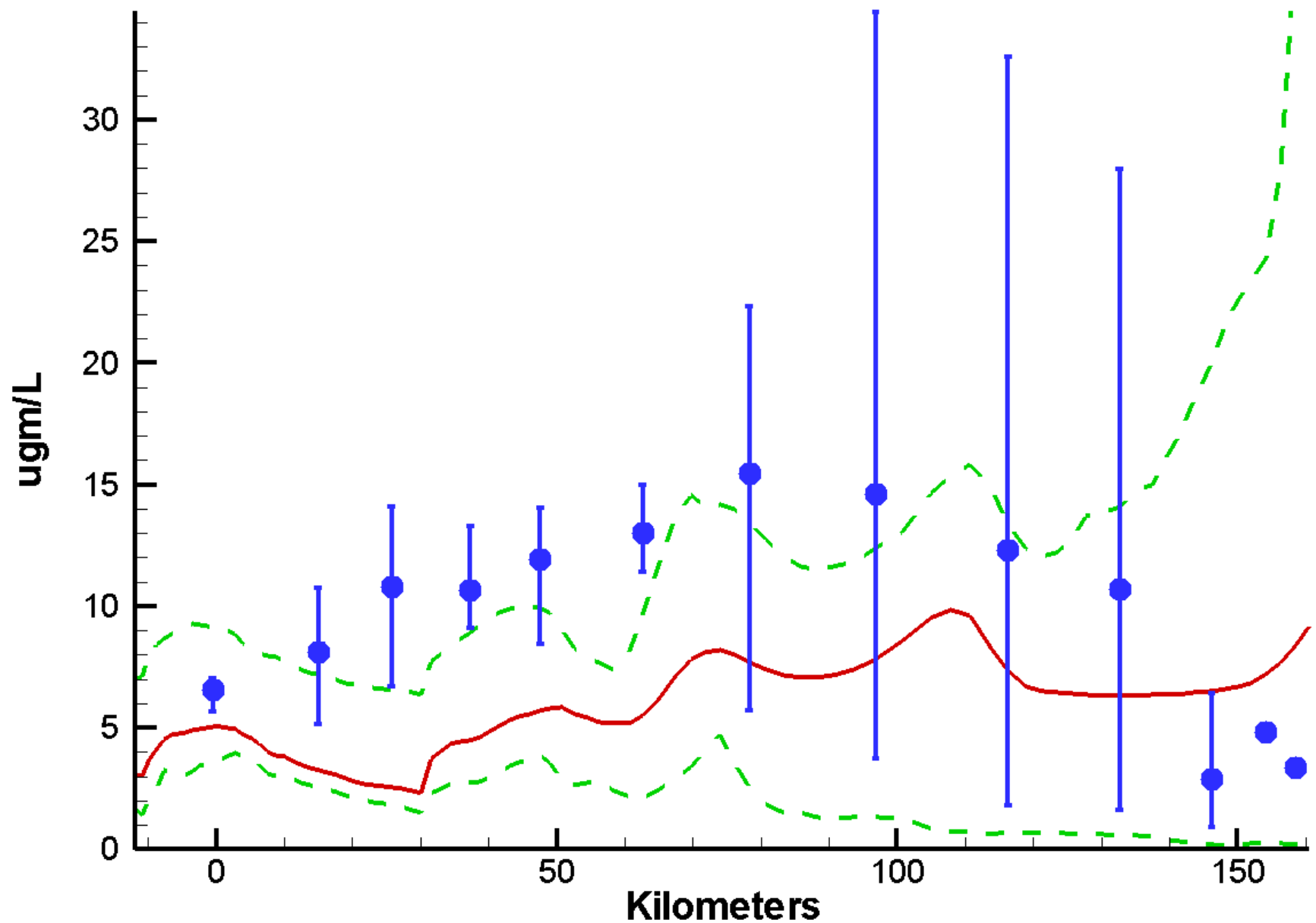
# Rappahannock River Ches2015 Run118

## Surface Total Suspended Solids Summer 1999



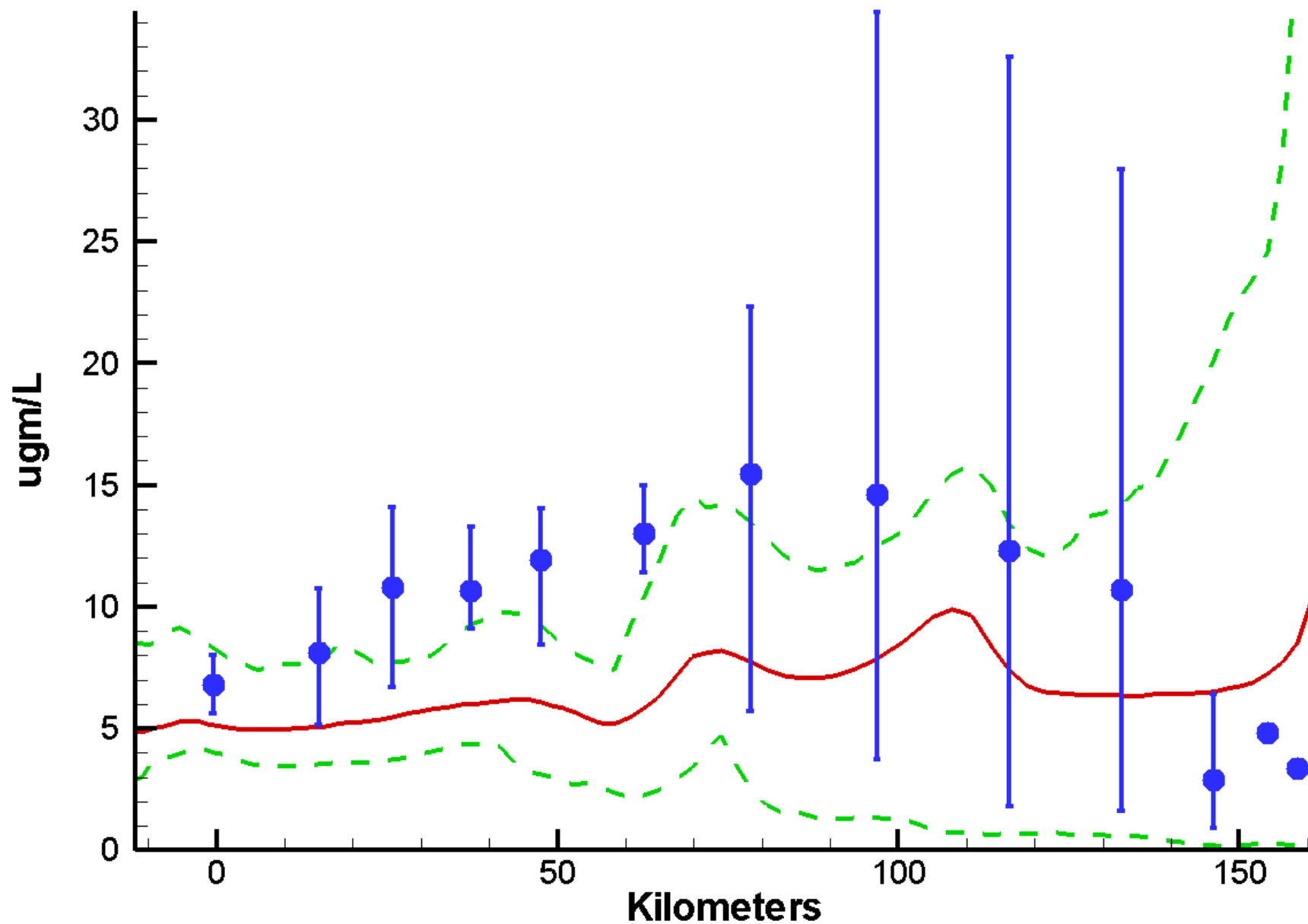
# Rappahannock River Ches2015 Run118

## Bottom Chlorophyll Fall 1999



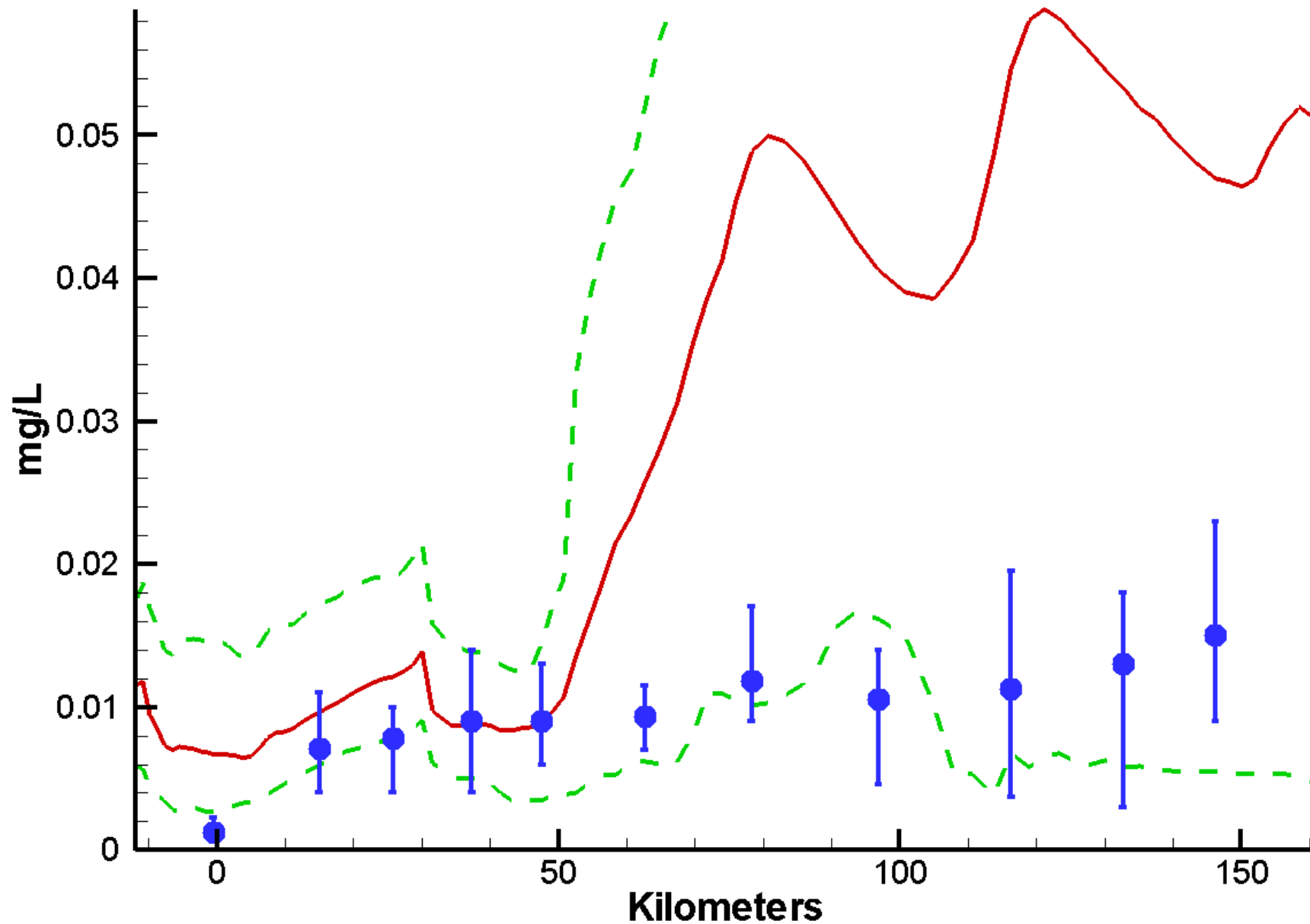
# Rappahannock River Ches2015 Run118

## Surface Chlorophyll Fall 1999



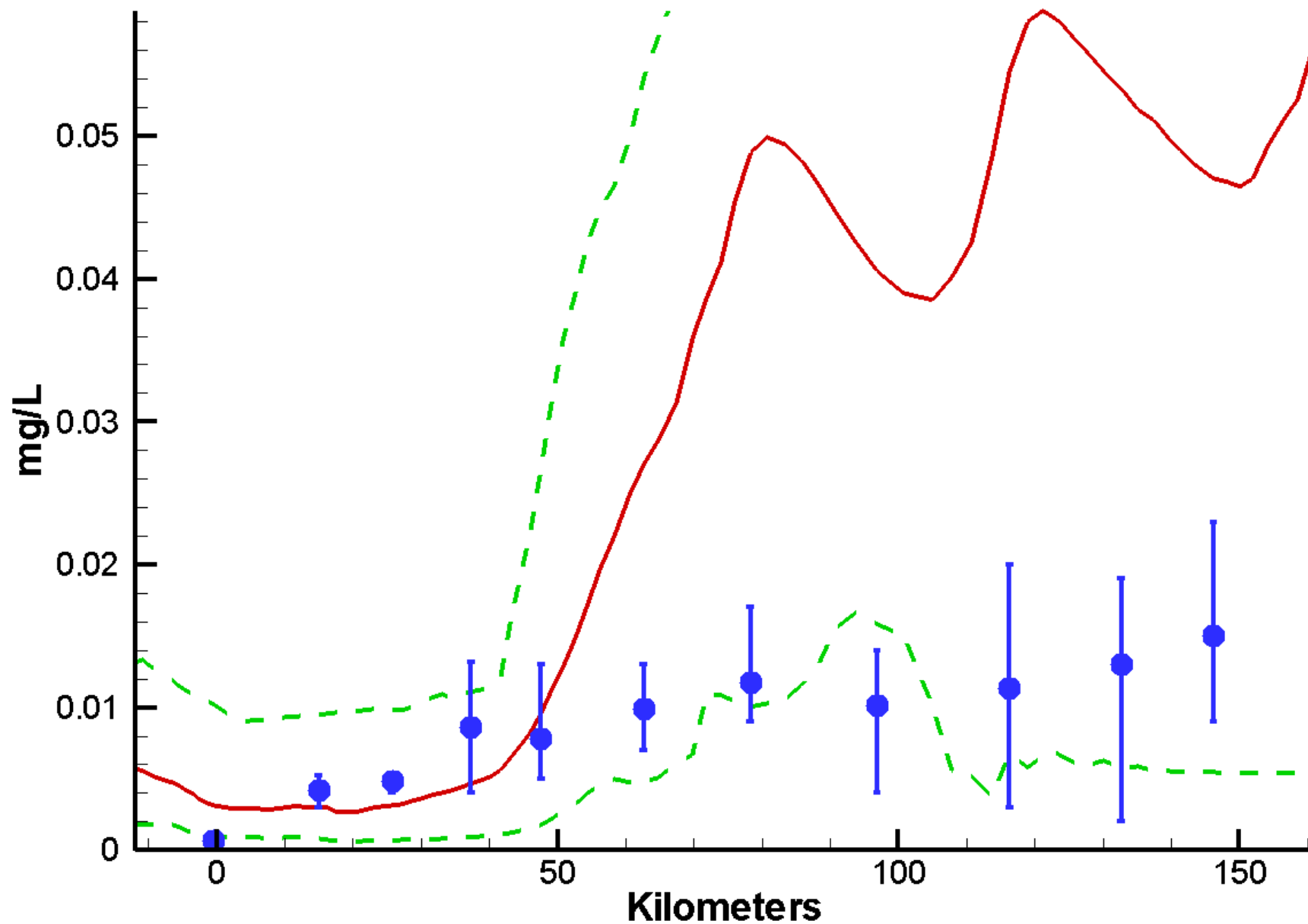
# Rappahannock River Ches2015 Run118

## Bottom Dissolved Phosphate Fall 1999



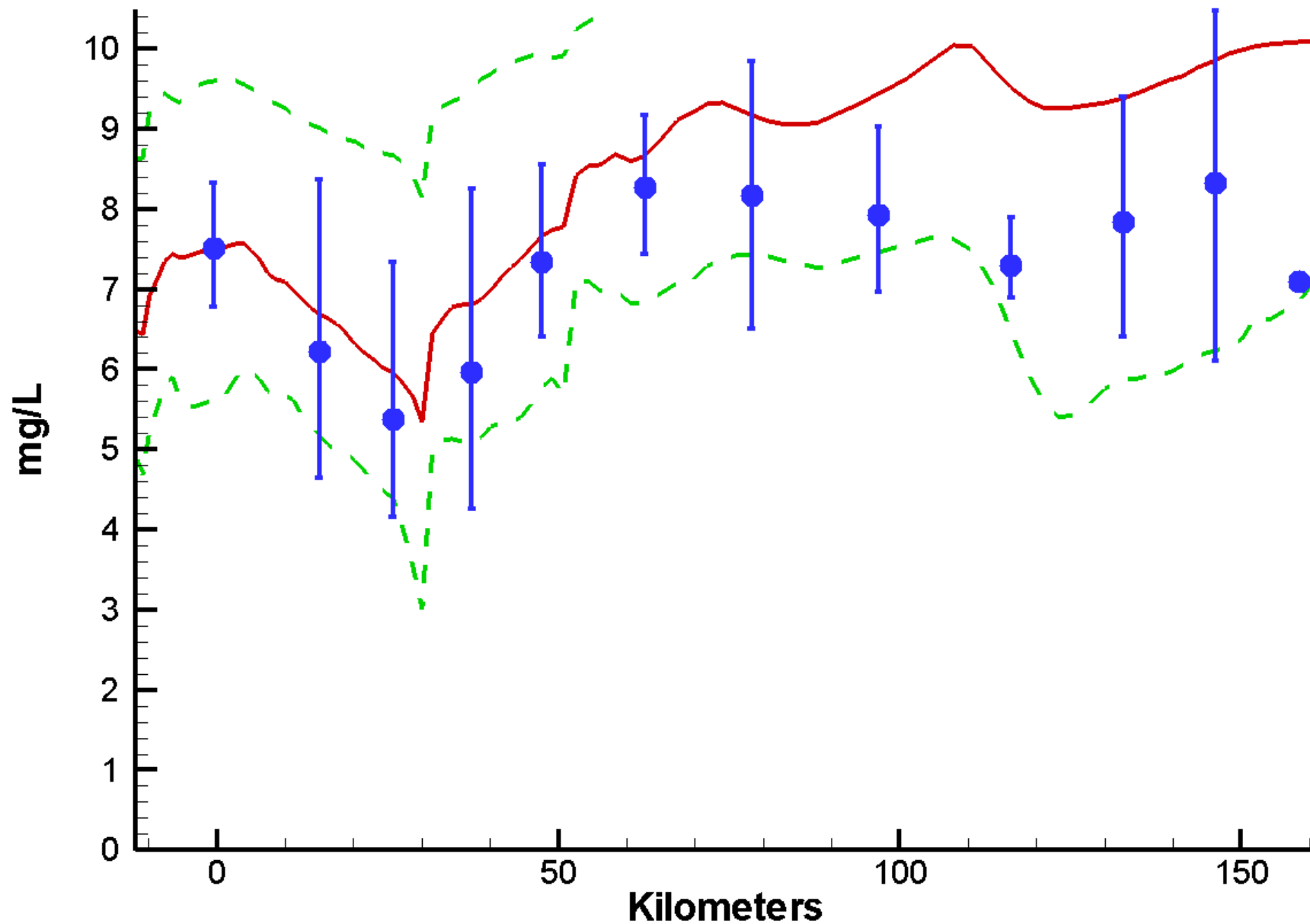
# Rappahannock River Ches2015 Run118

## Surface Dissolved Phosphate Fall 1999

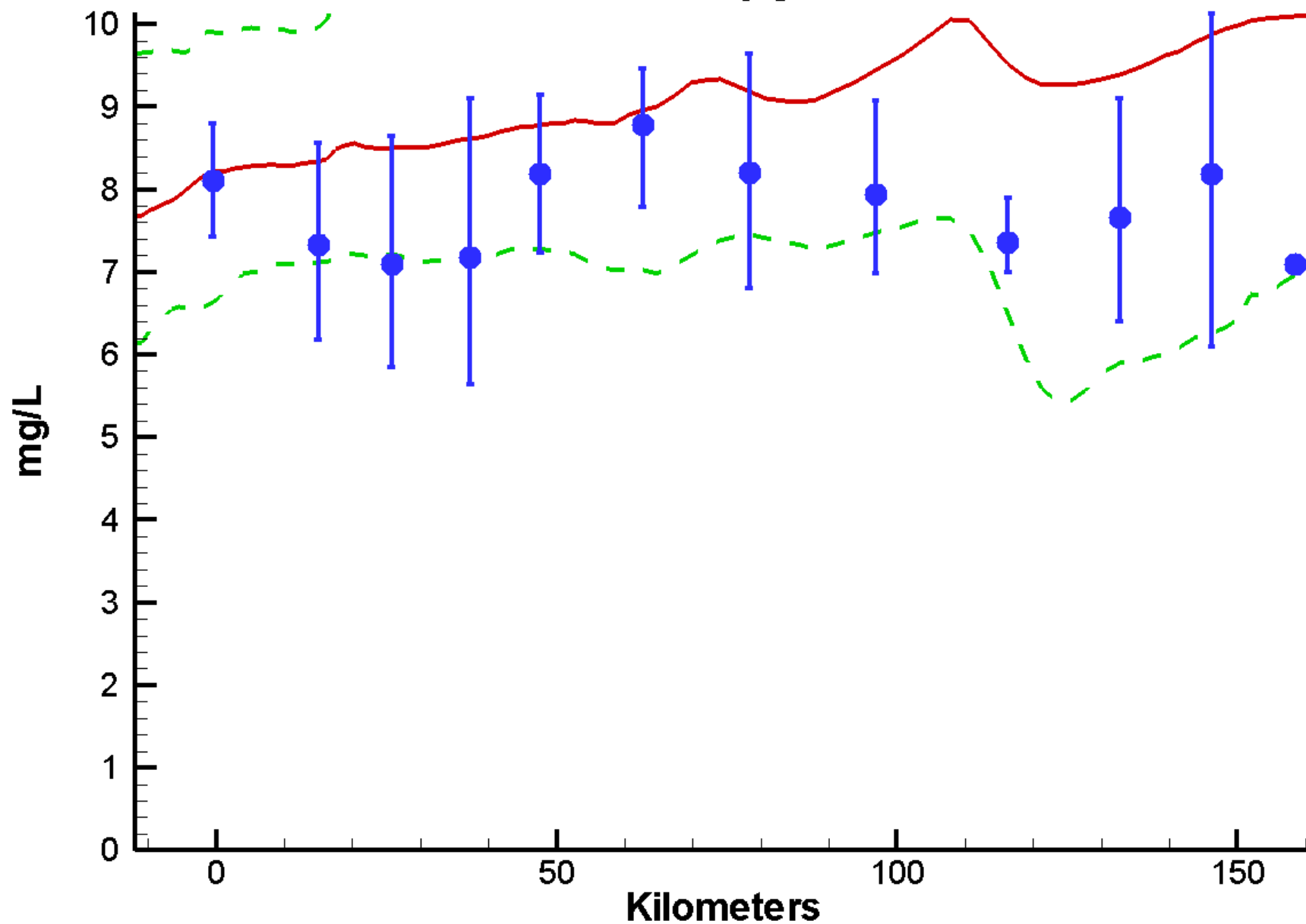


# Rappahannock River Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1999

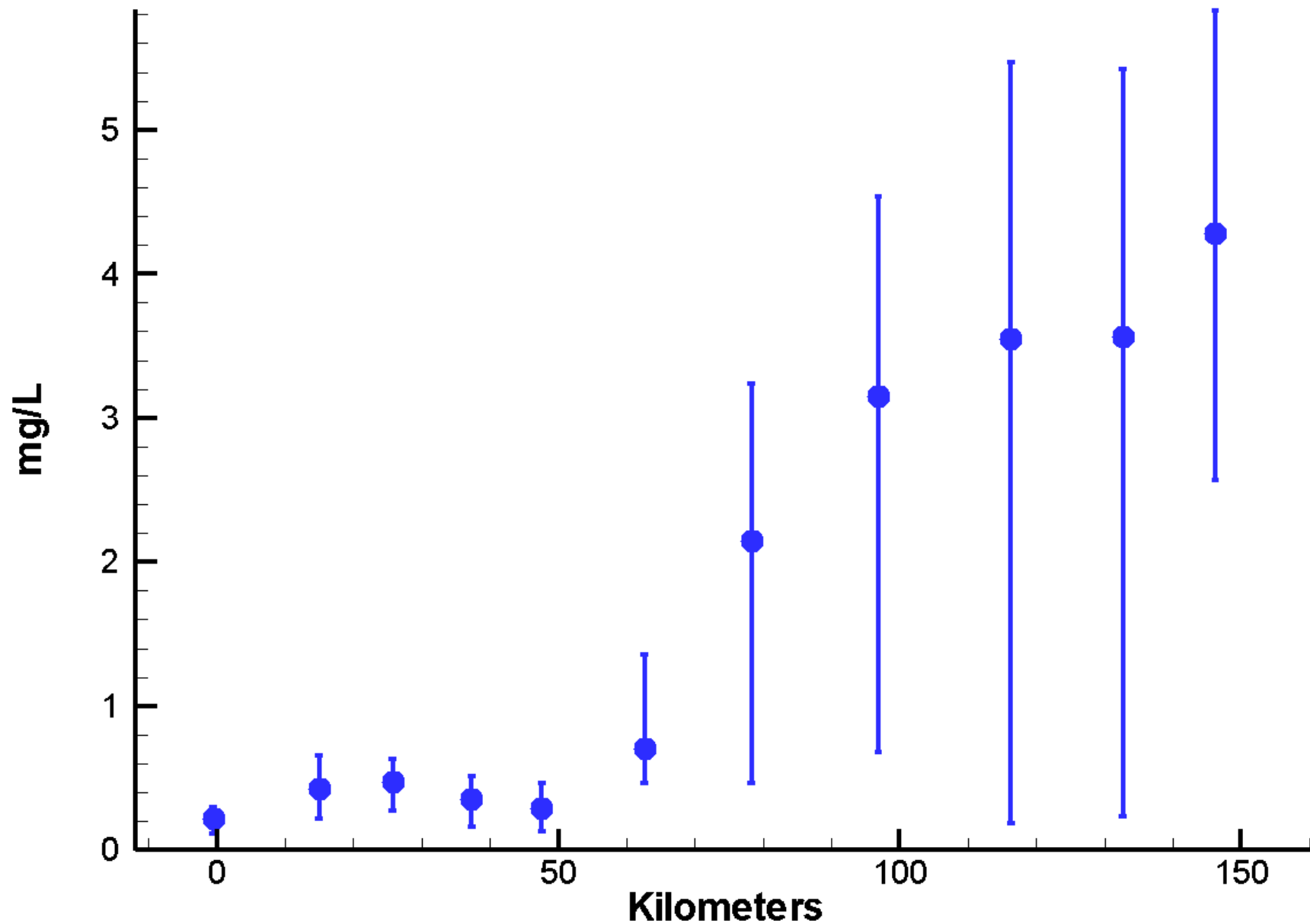


# Rappahannock River Ches2015 Run118 Surface Dissolved Oxygen Fall 1999



# Rappahannock River Ches2015 Run118

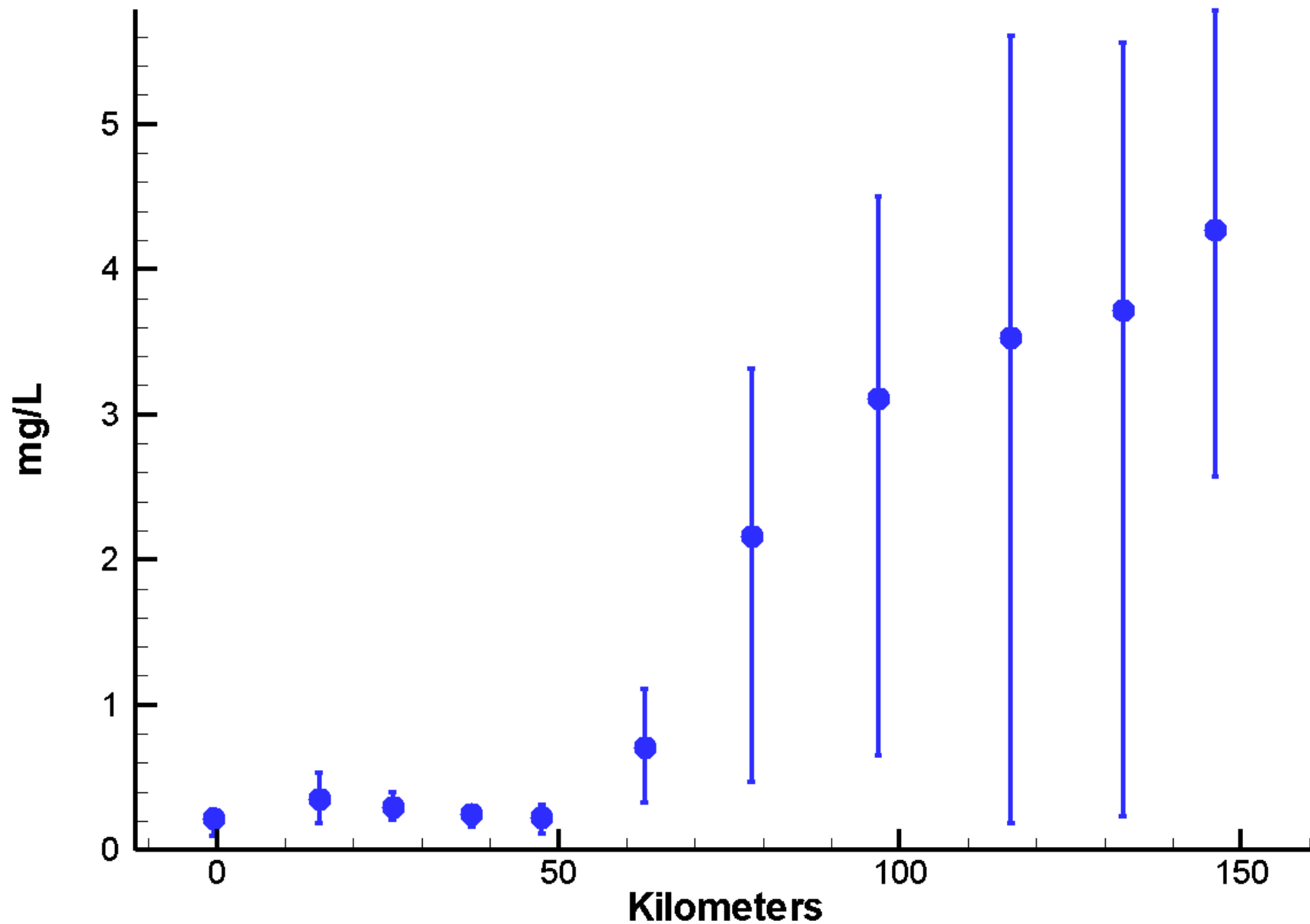
## Bottom Dissolved Silica Fall 1999





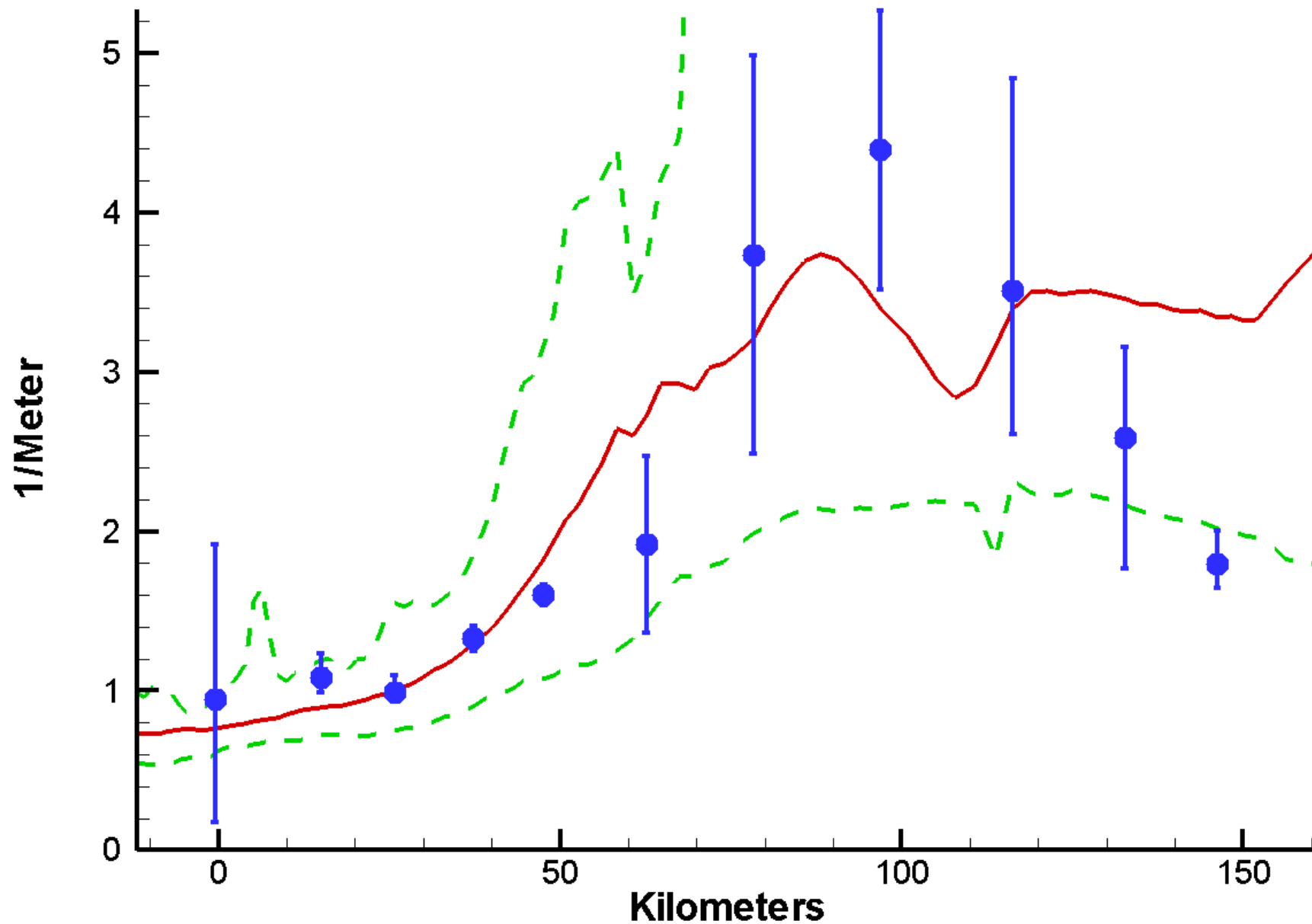
# Rappahannock River Ches2015 Run118

## Surface Dissolved Silica Fall 1999



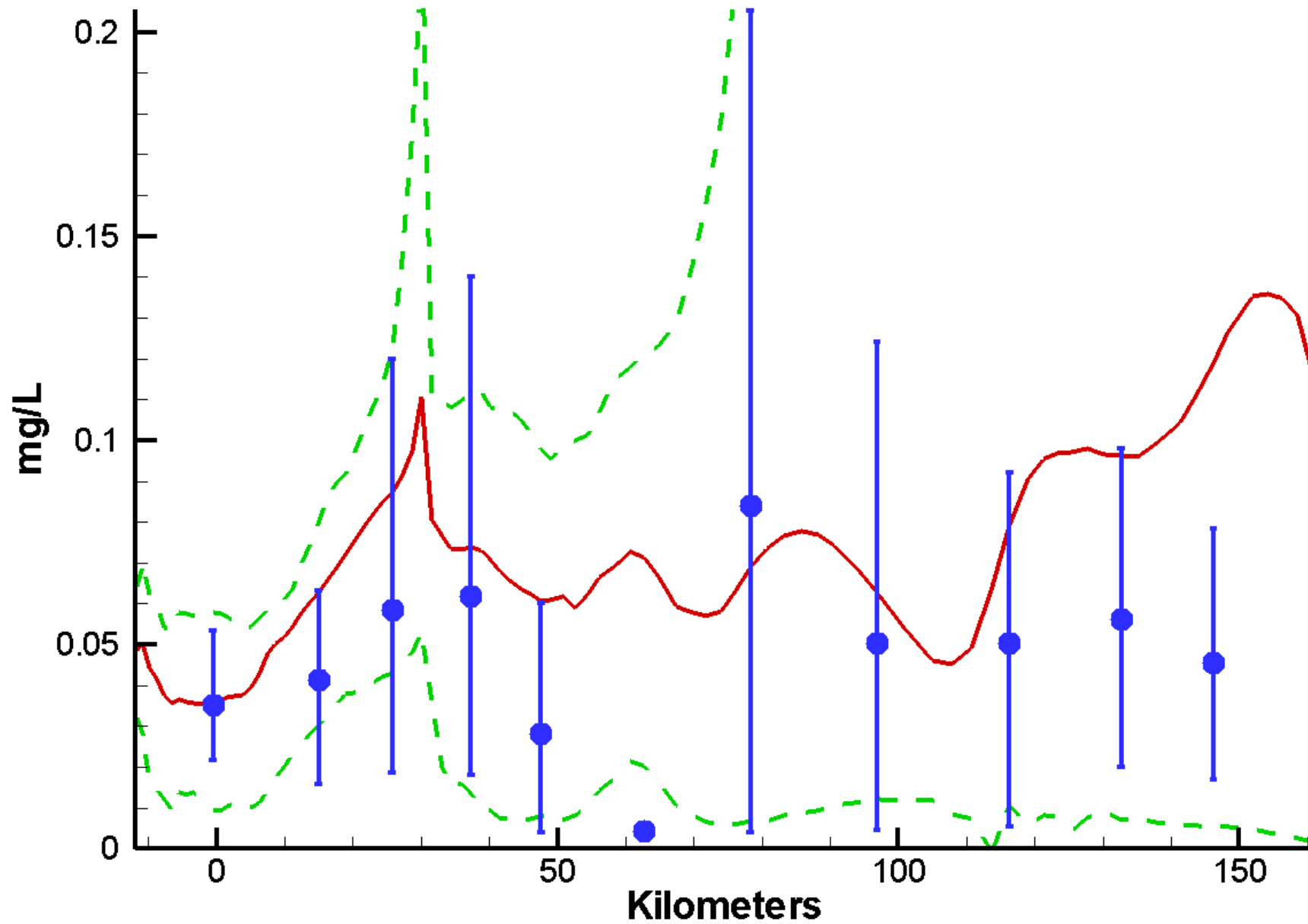
# Rappahannock River Ches2015 Run118

## Surface Light Extinction Fall 1999

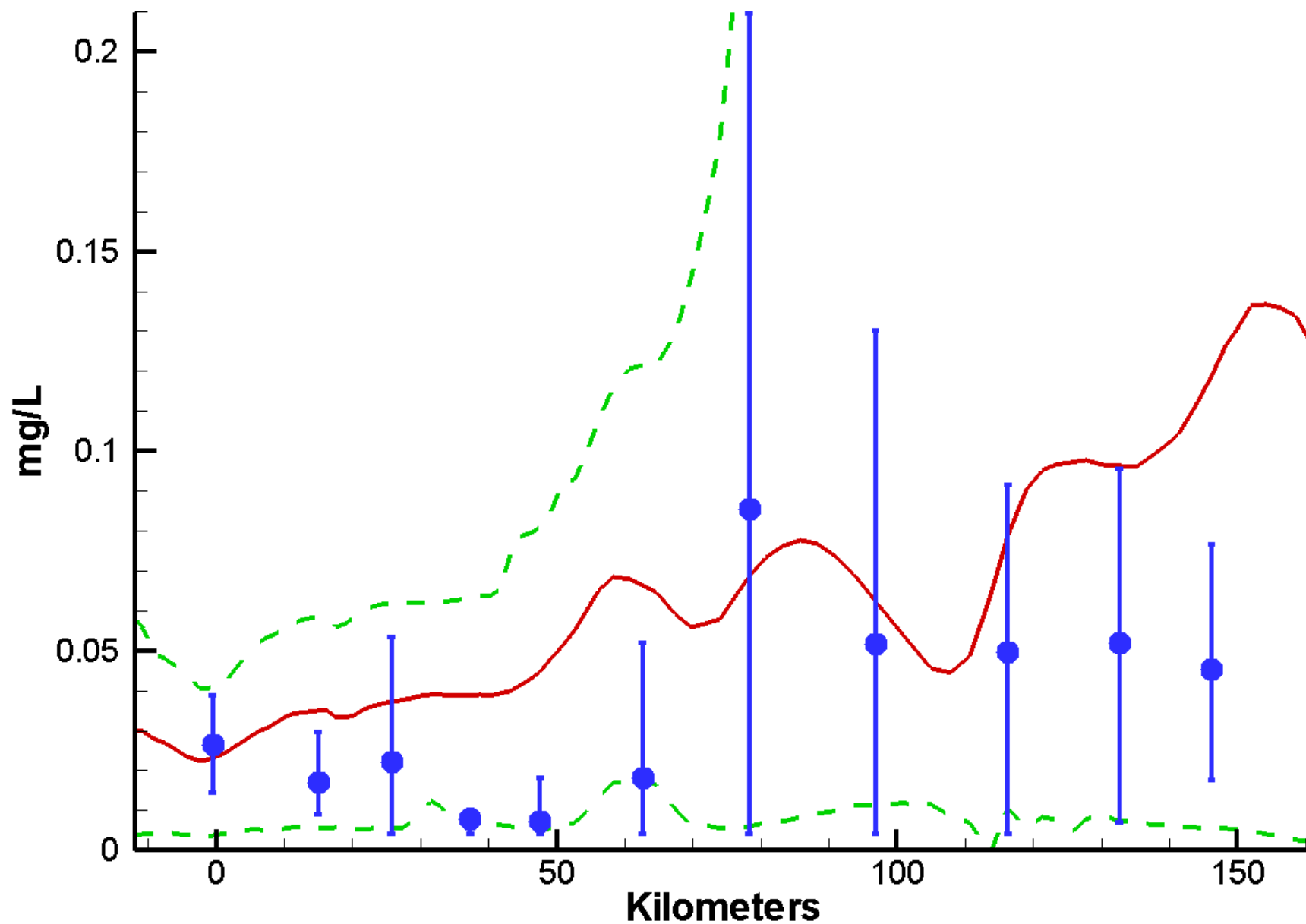


# Rappahannock River Ches2015 Run118

## Bottom Ammonium Fall 1999

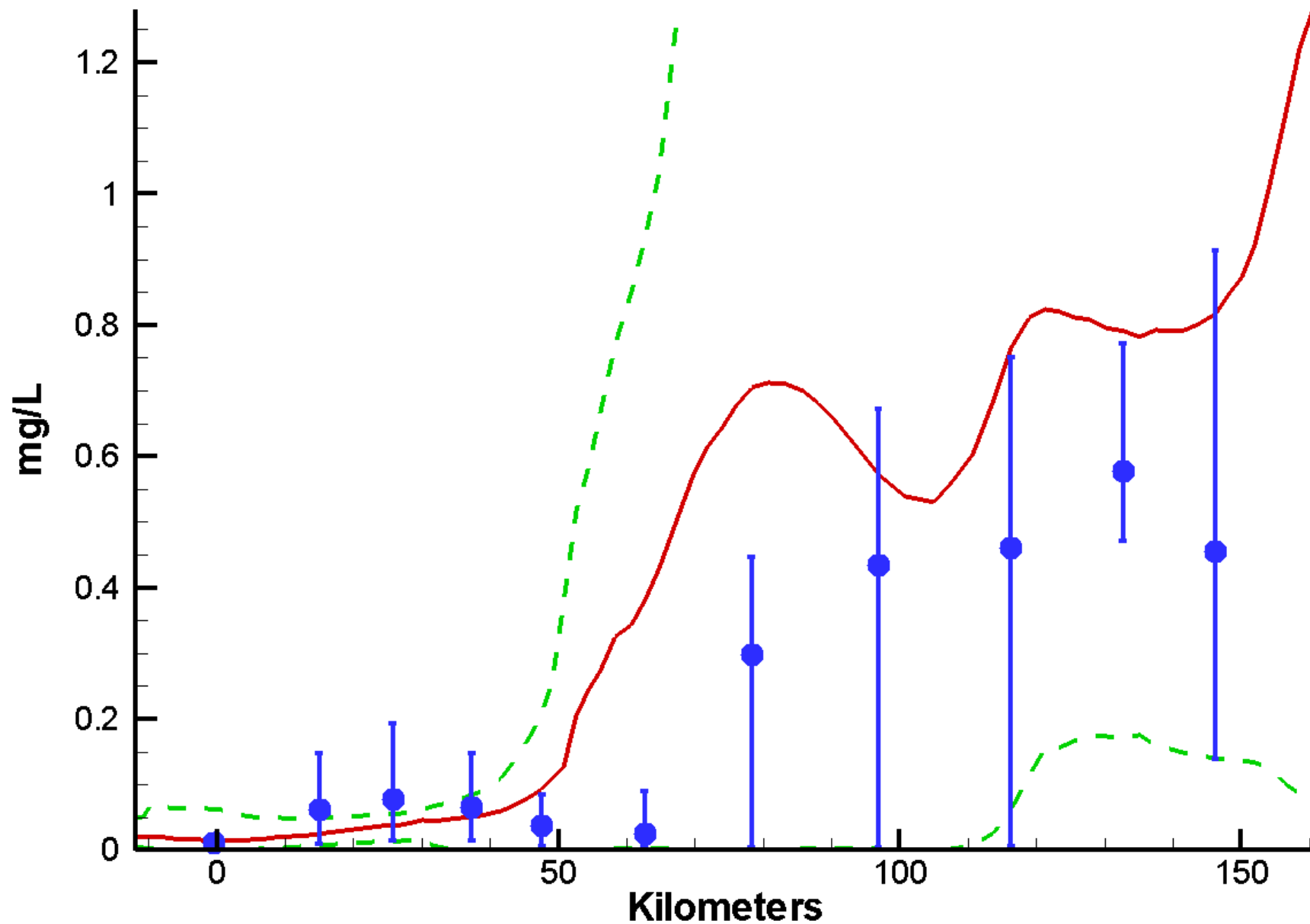


# Rappahannock River Ches2015 Run118 Surface Ammonium Fall 1999



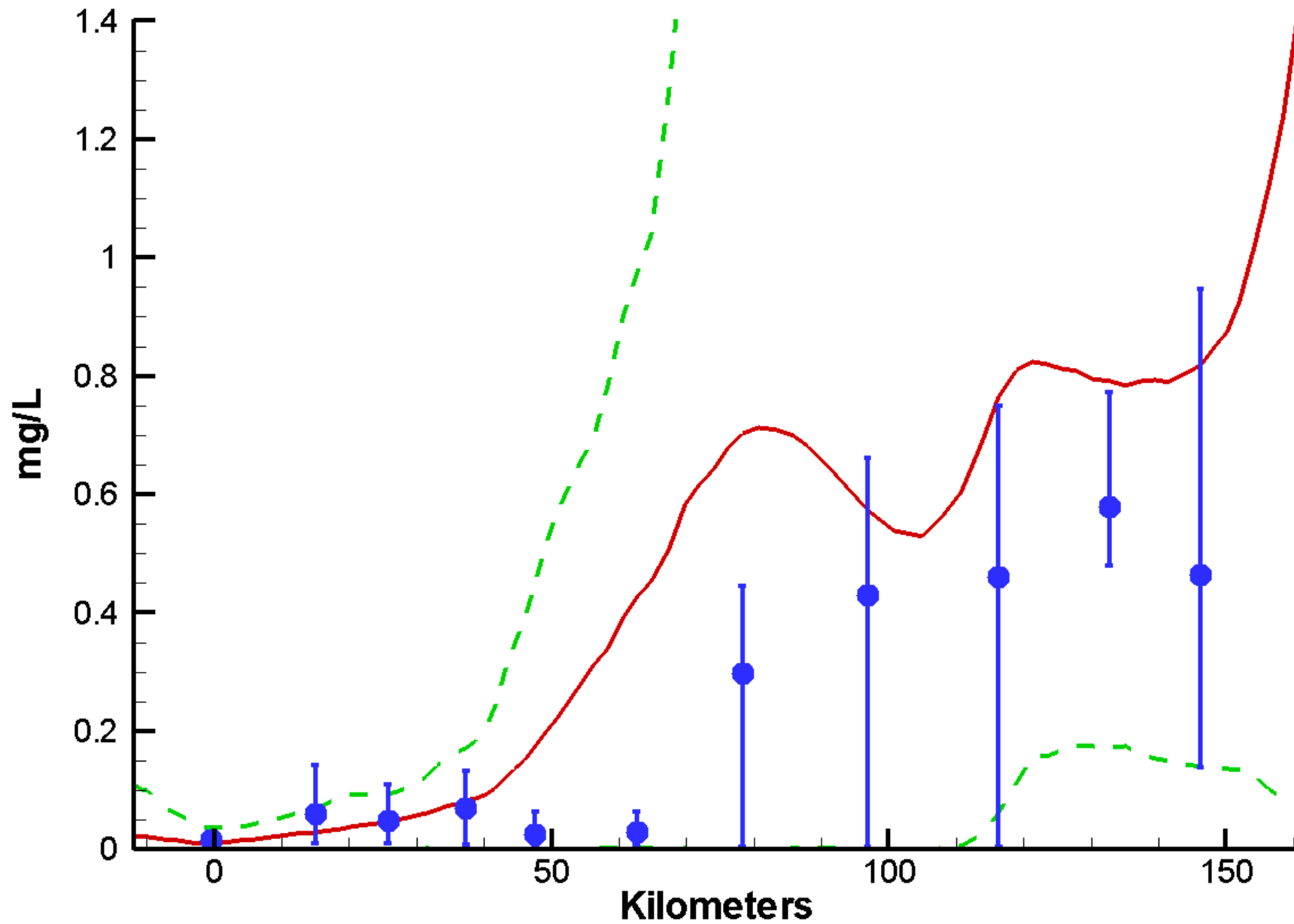
# Rappahannock River Ches2015 Run118

## Bottom Nitrate Fall 1999



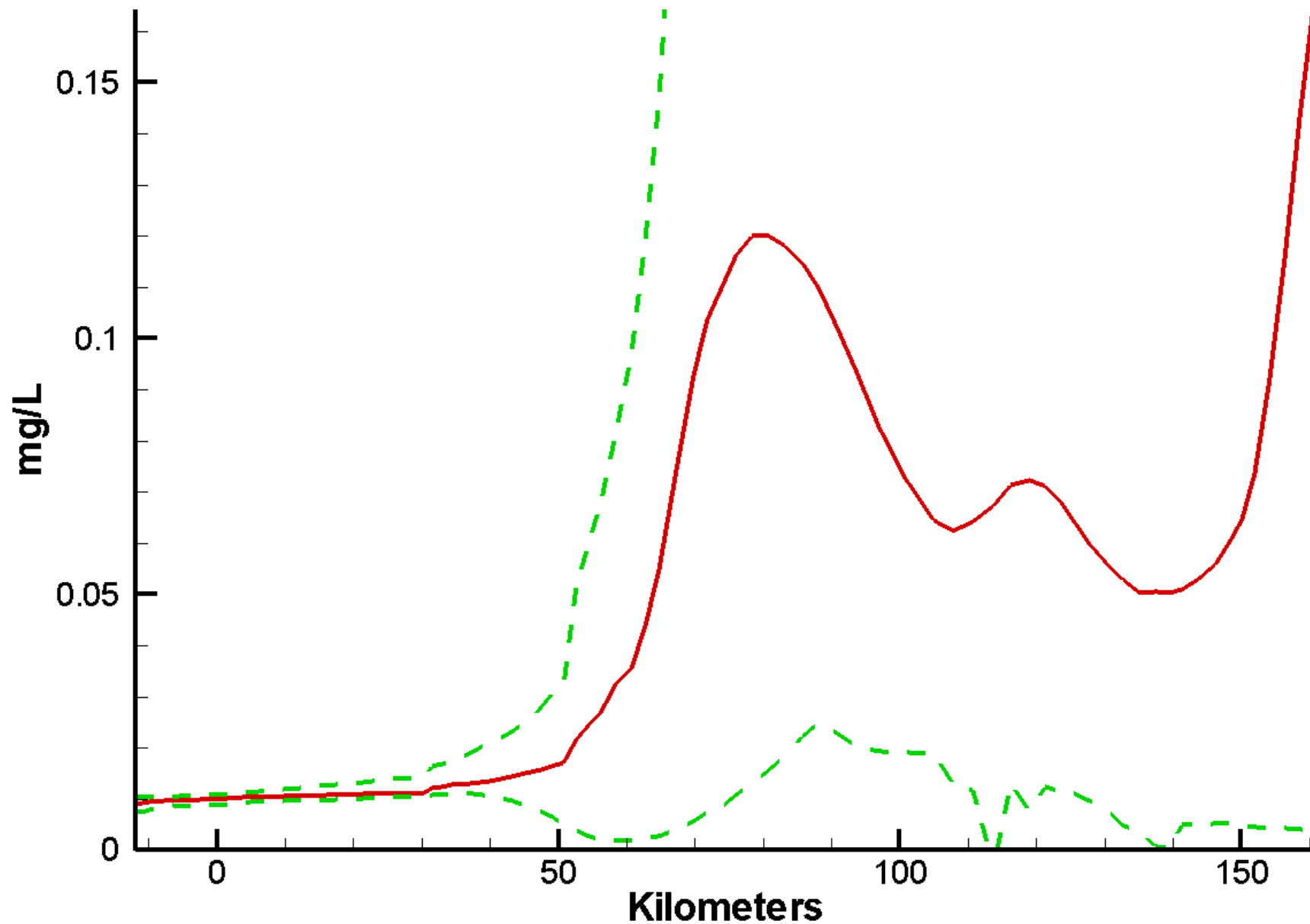
# Rappahannock River Ches2015 Run118

## Surface Nitrate Fall 1999



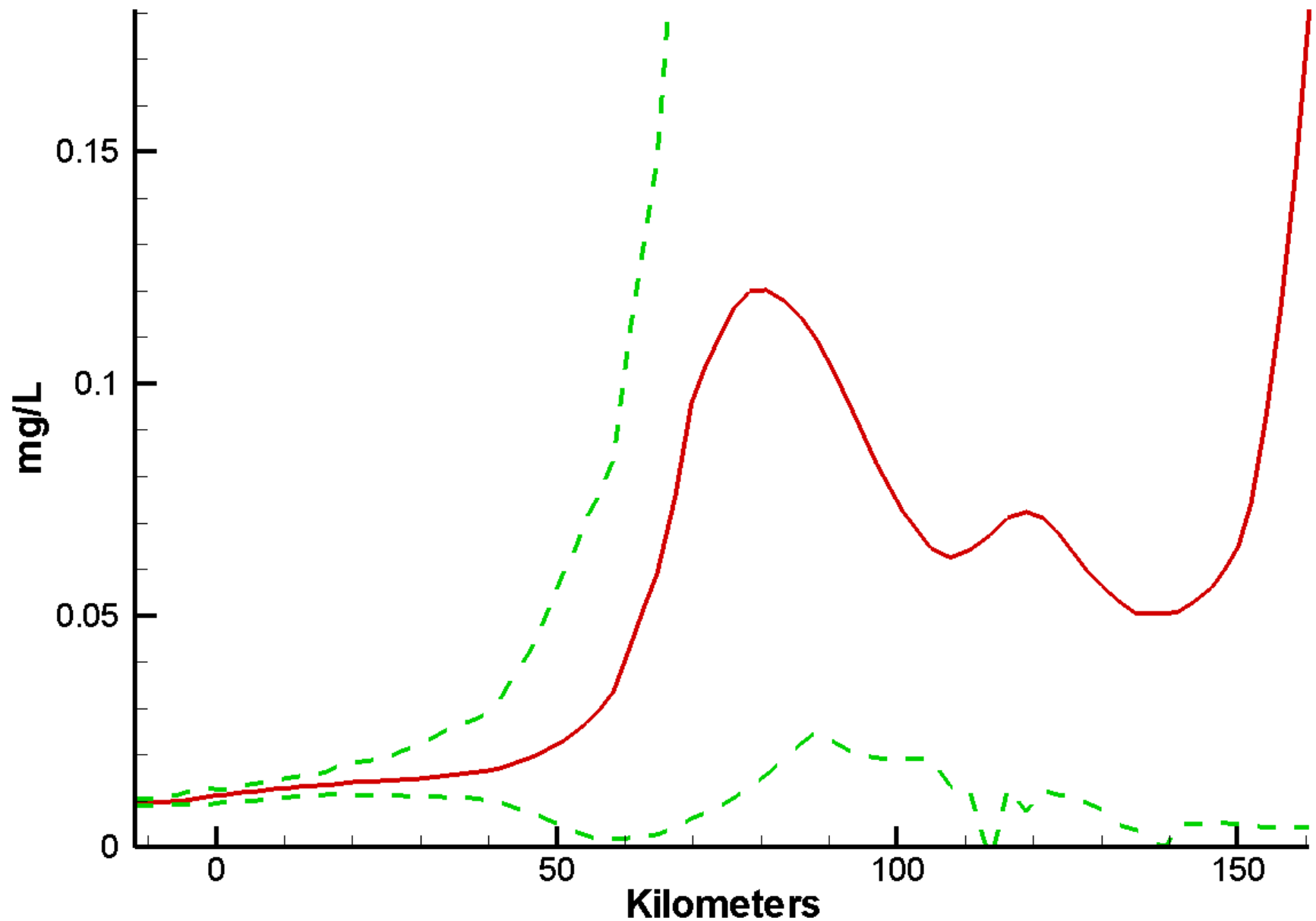
# Rappahannock River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1999



# Rappahannock River Ches2015 Run118

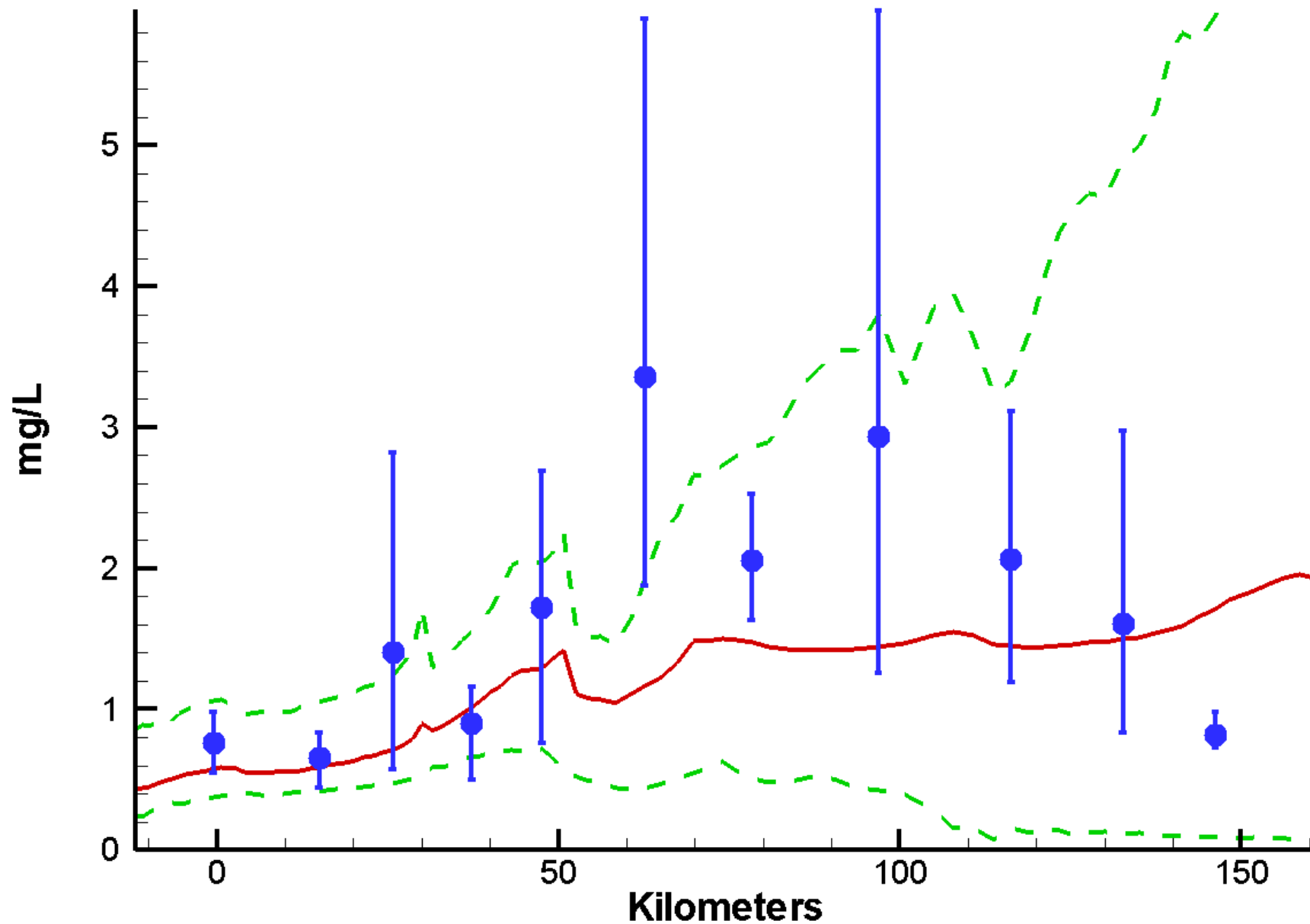
## Surface Particulate Inorganic Phosphorus Fall 1999





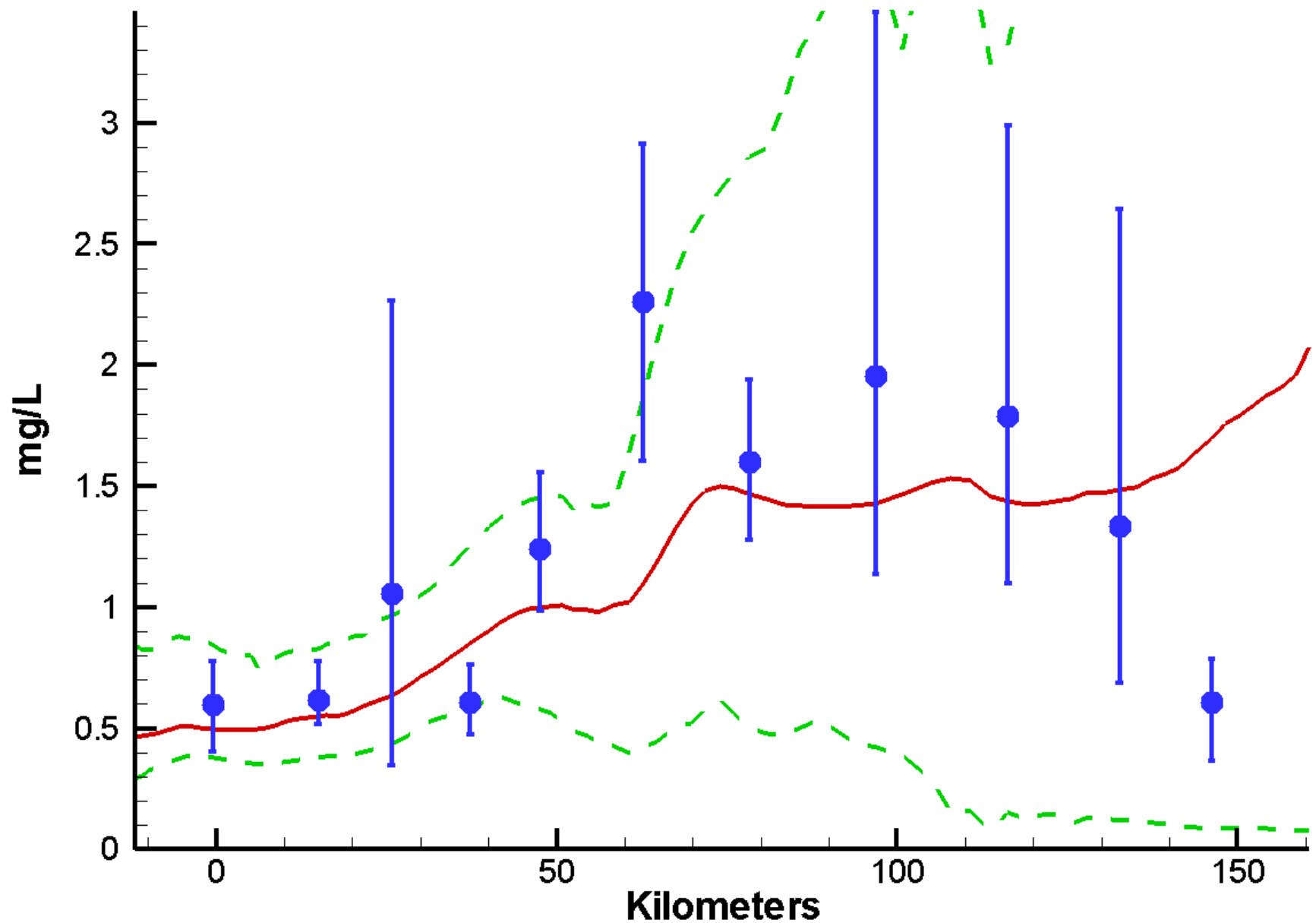
# Rappahannock River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1999



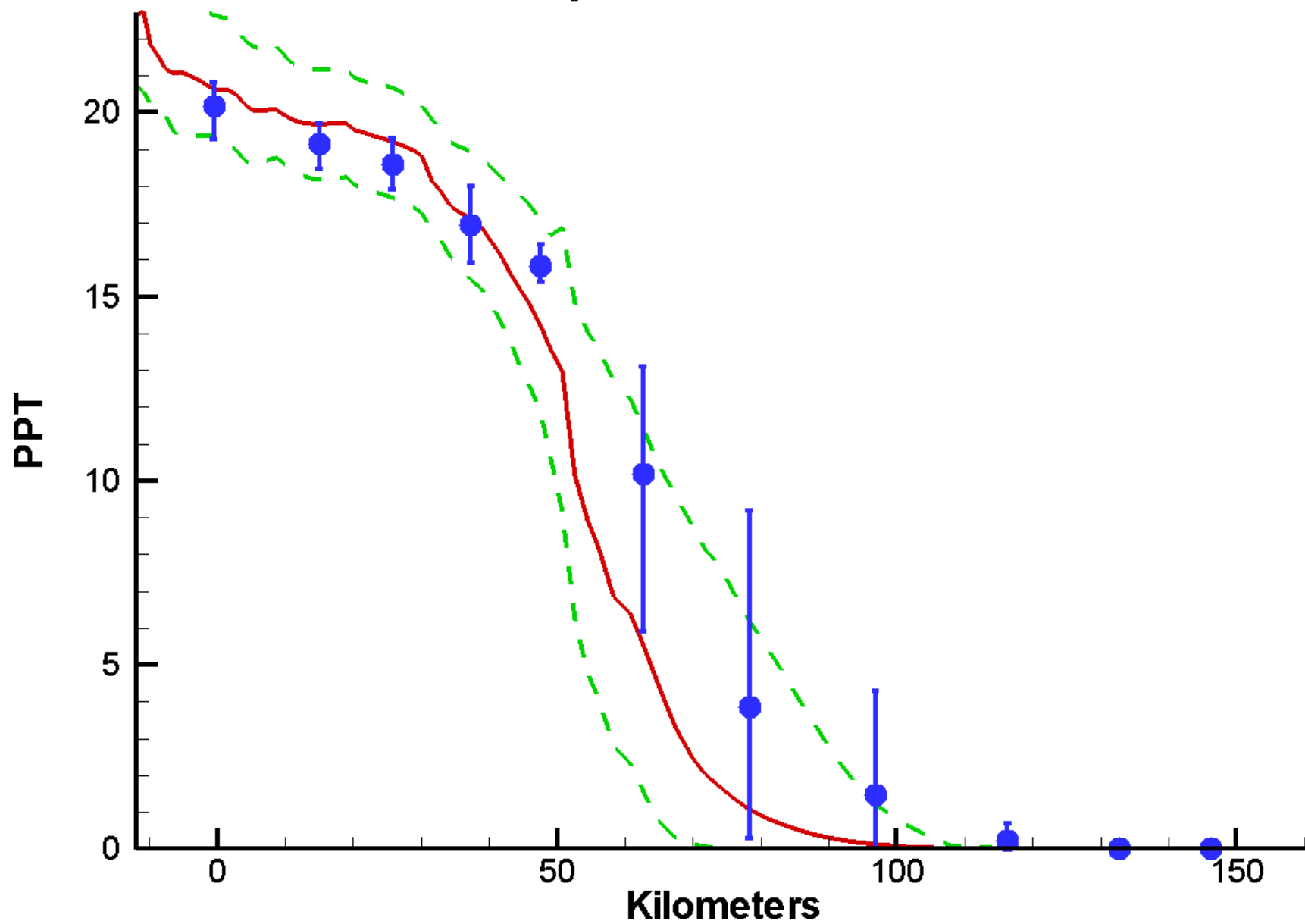
# Rappahannock River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1999



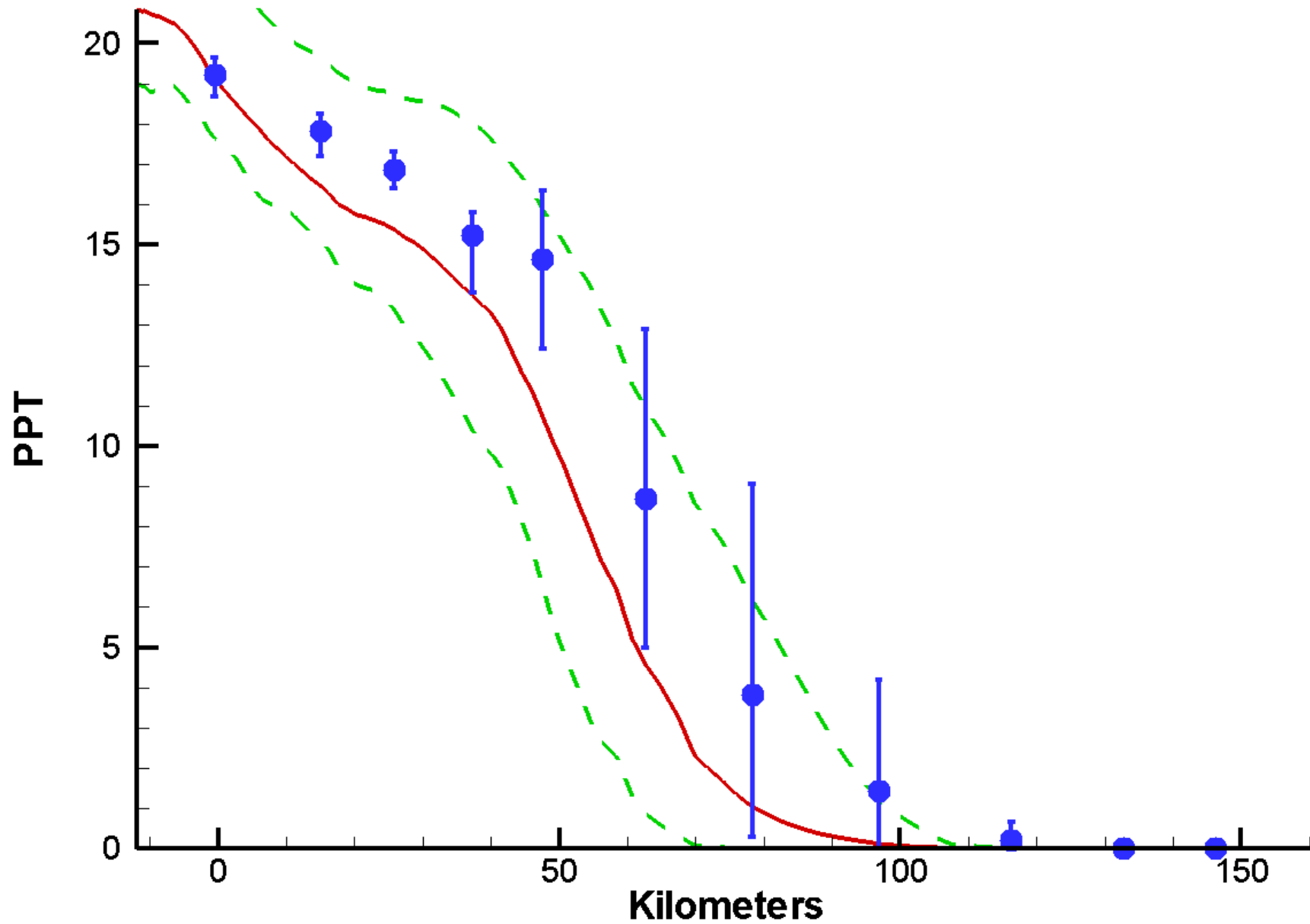
# Rappahannock River Ches2015 Run118

## Bottom Salinity Fall 1999



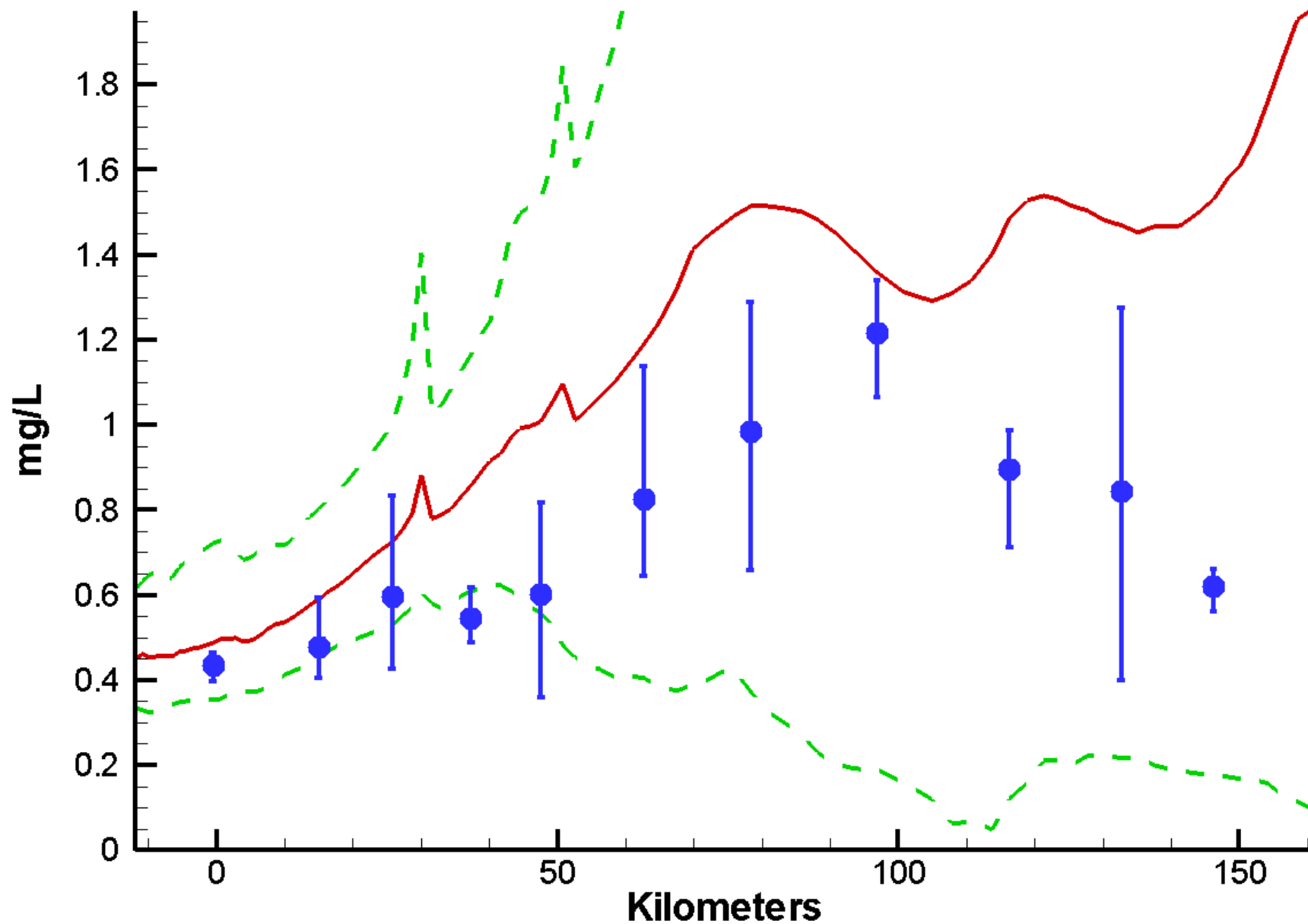
# Rappahannock River Ches2015 Run118

## Surface Salinity Fall 1999



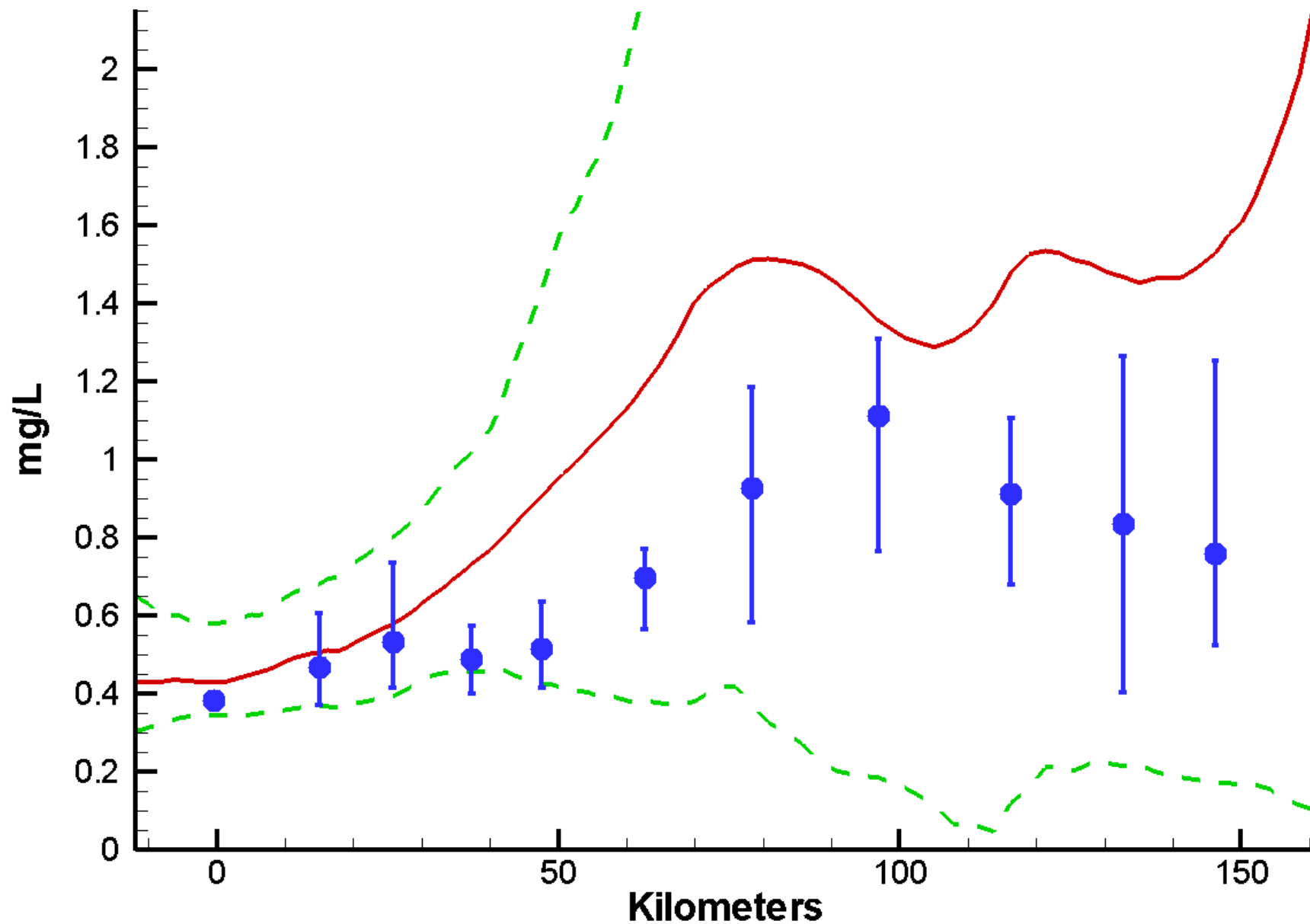
# Rappahannock River Ches2015 Run118

## Bottom Total Nitrogen Fall 1999



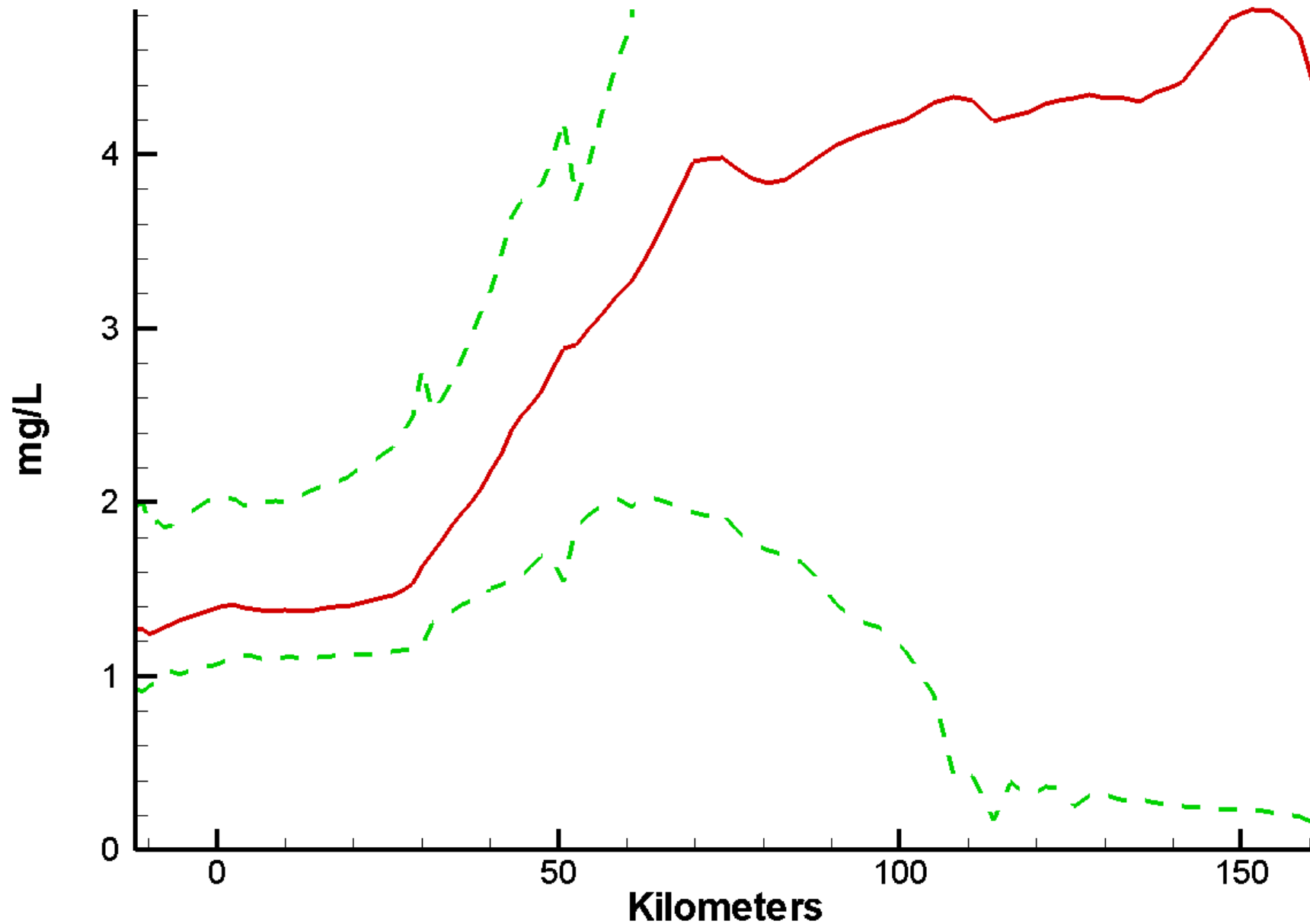
# Rappahannock River Ches2015 Run118

## Surface Total Nitrogen Fall 1999



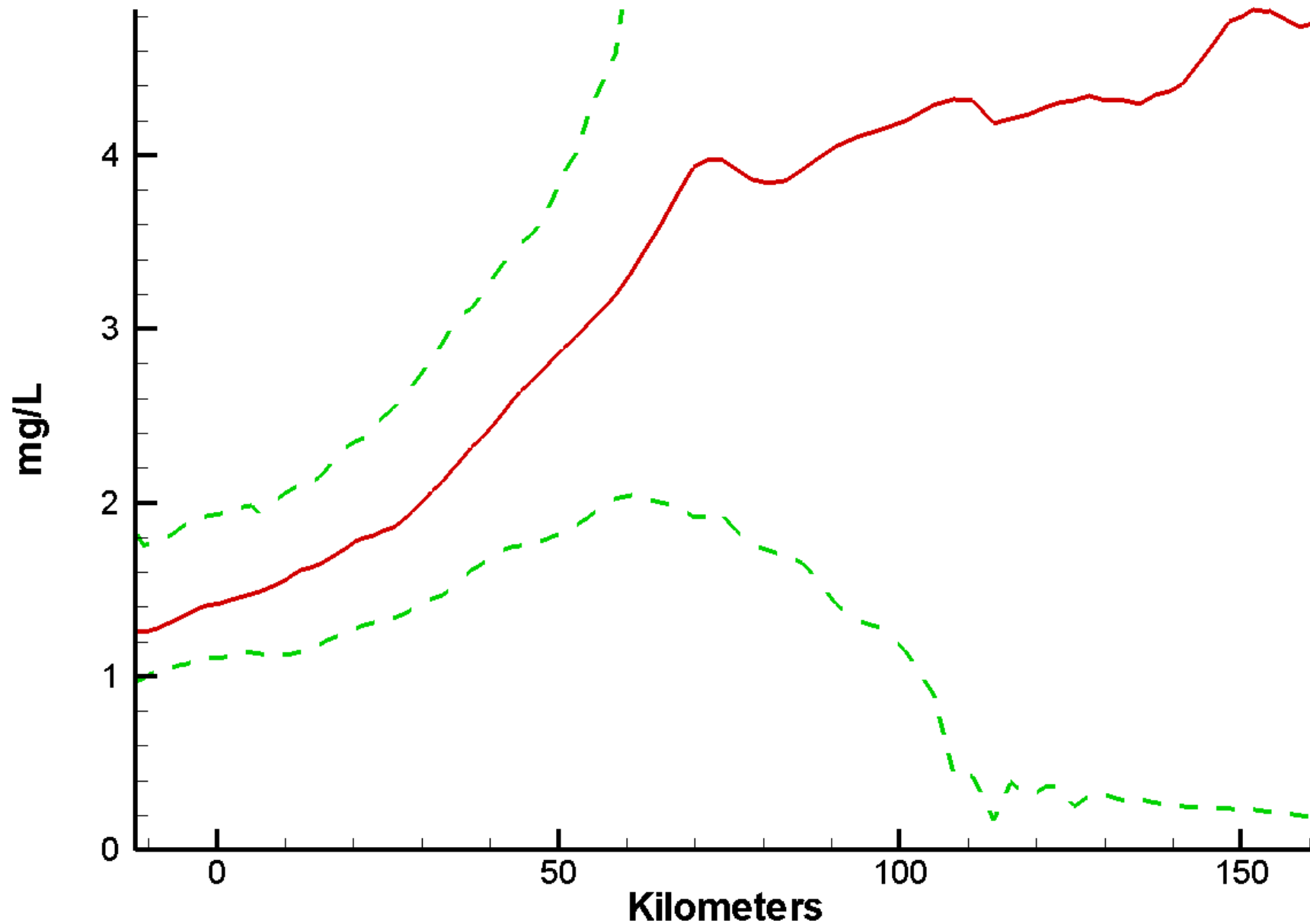
# Rappahannock River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1999



# Rappahannock River Ches2015 Run118

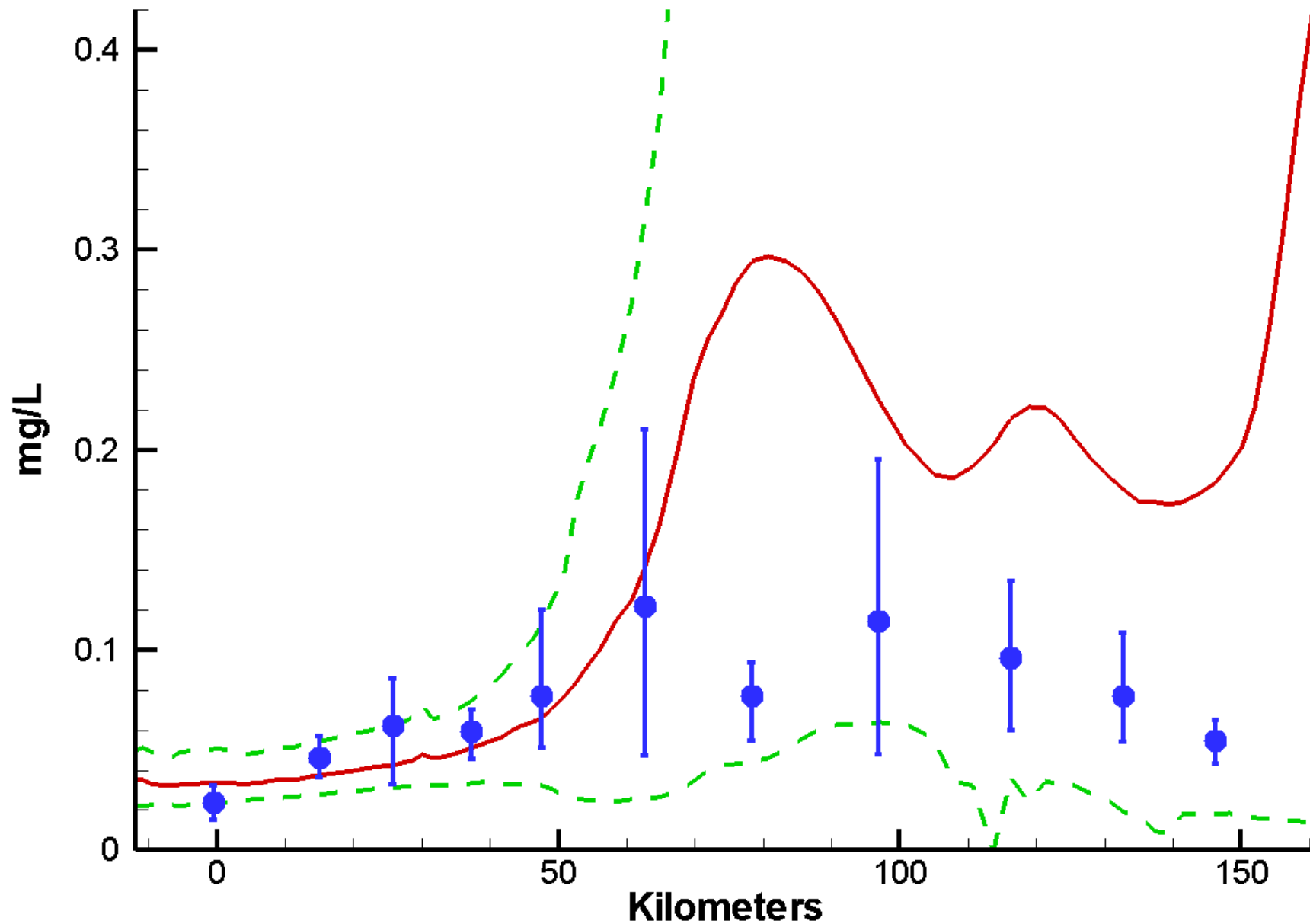
## Surface Total Organic Carbon Fall 1999





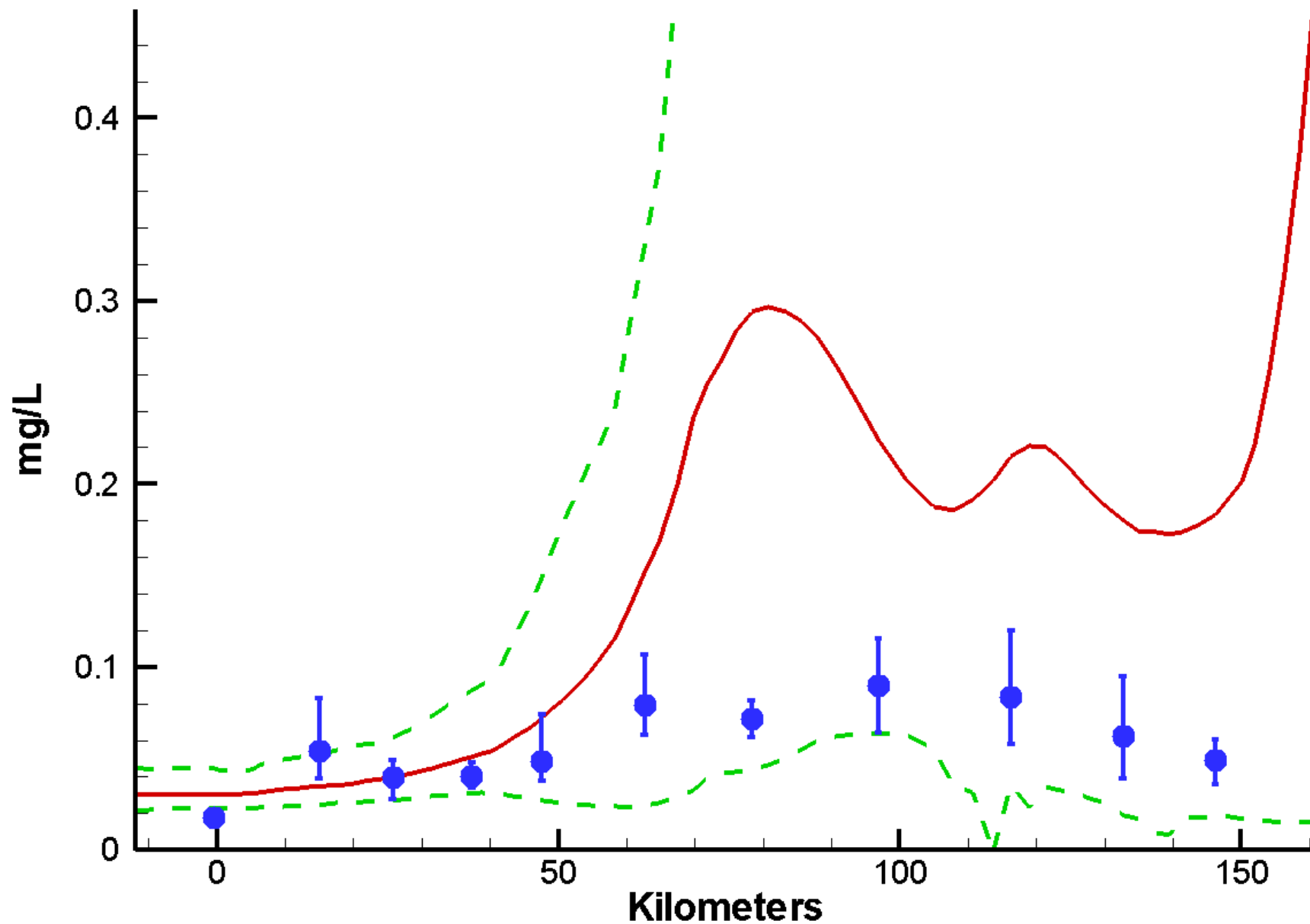
# Rappahannock River Ches2015 Run118

## Bottom Total Phosphorus Fall 1999



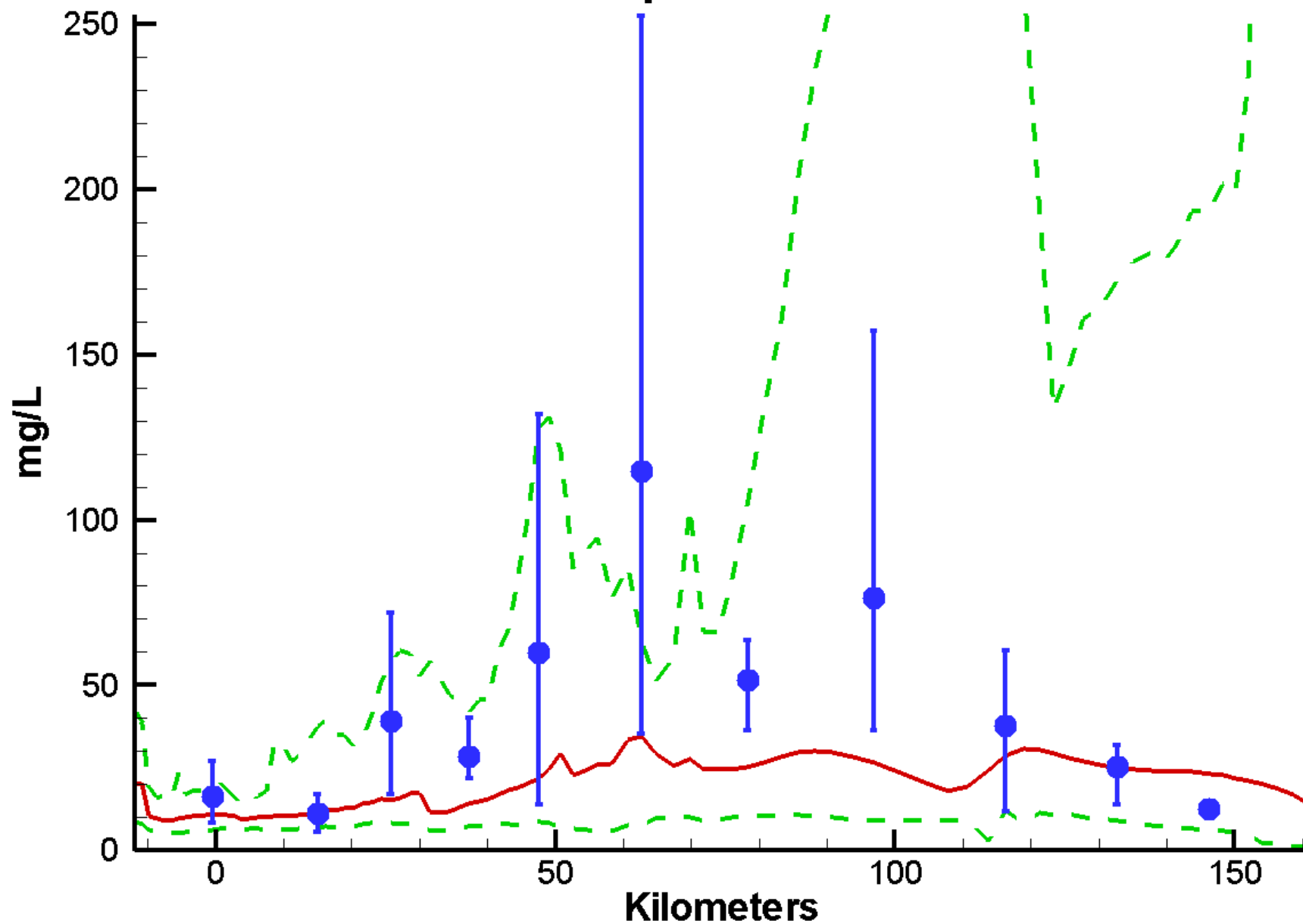
# Rappahannock River Ches2015 Run118

## Surface Total Phosphorus Fall 1999



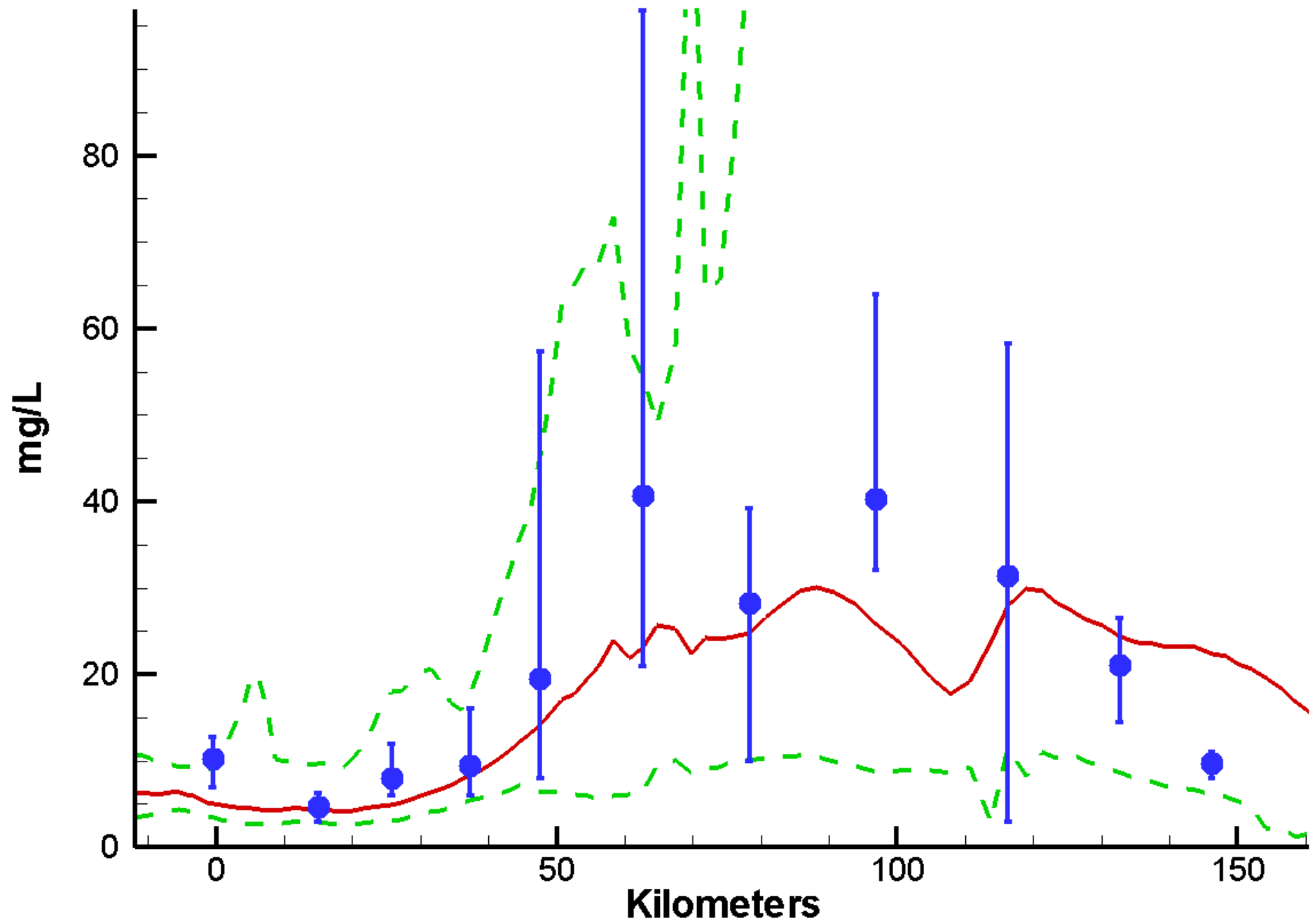
# Rappahannock River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1999



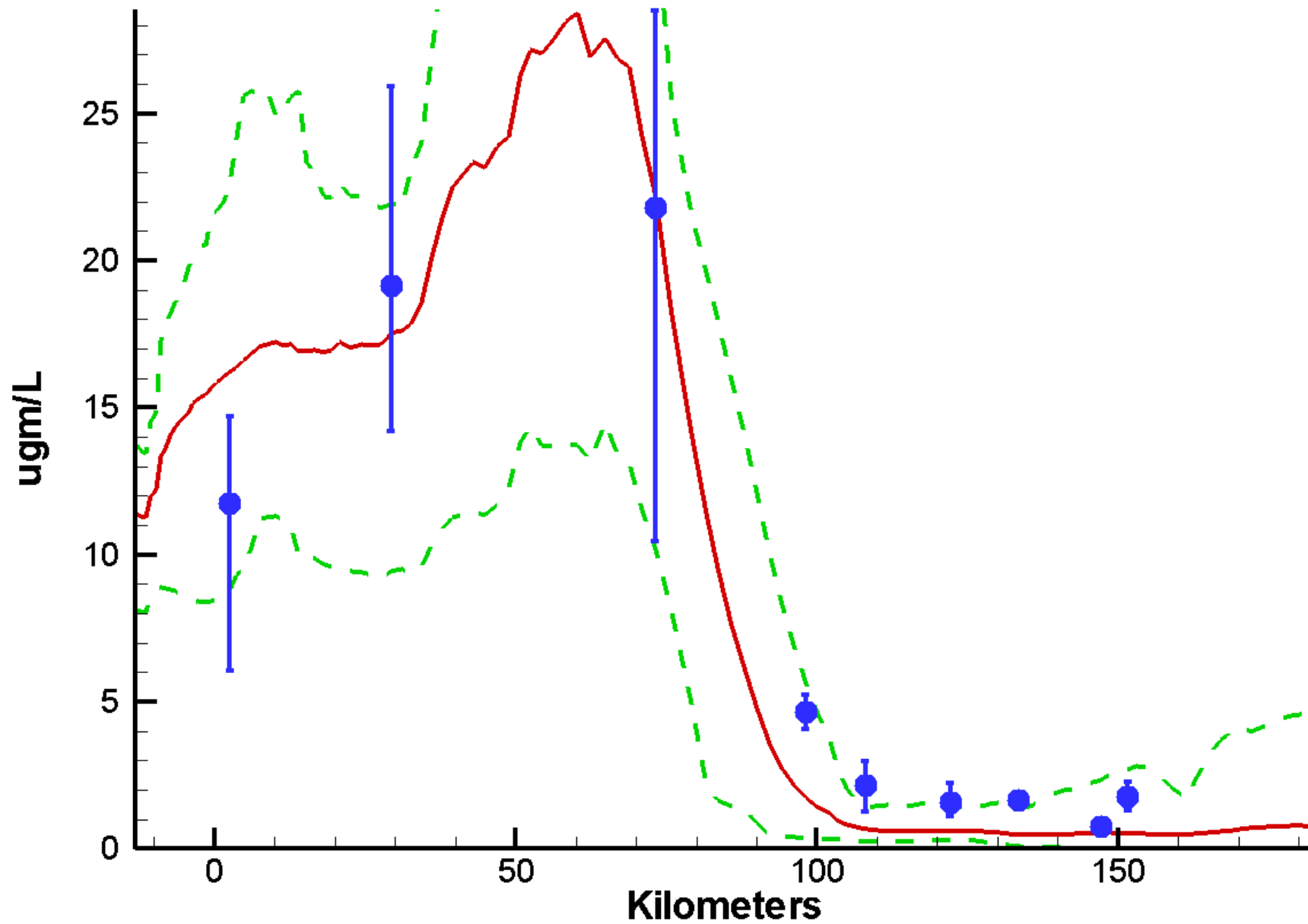
# Rappahannock River Ches2015 Run118

## Surface Total Suspended Solids Fall 1999



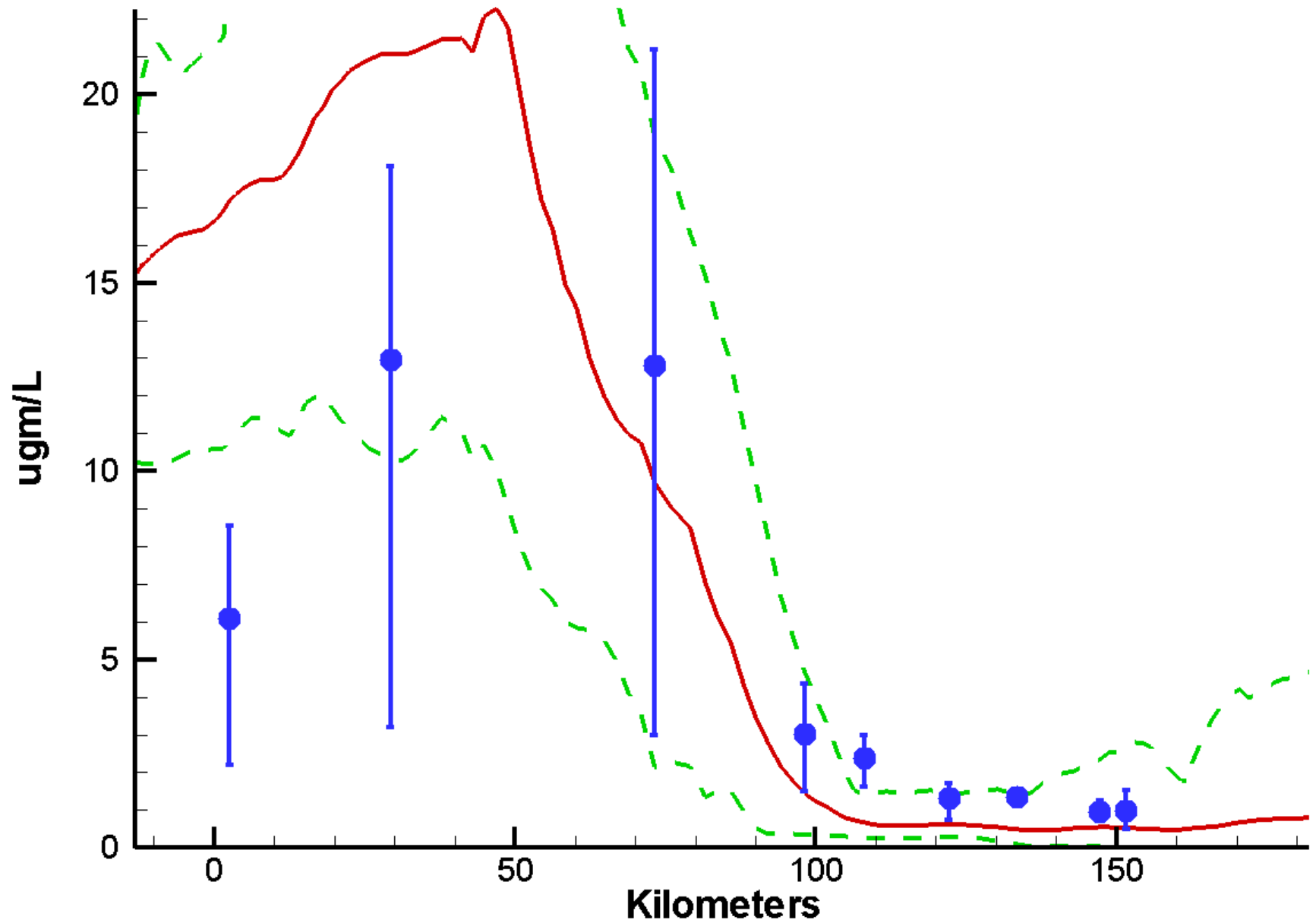
# Potomac River Ches2015 Run118

## Bottom Chlorophyll Winter 1994



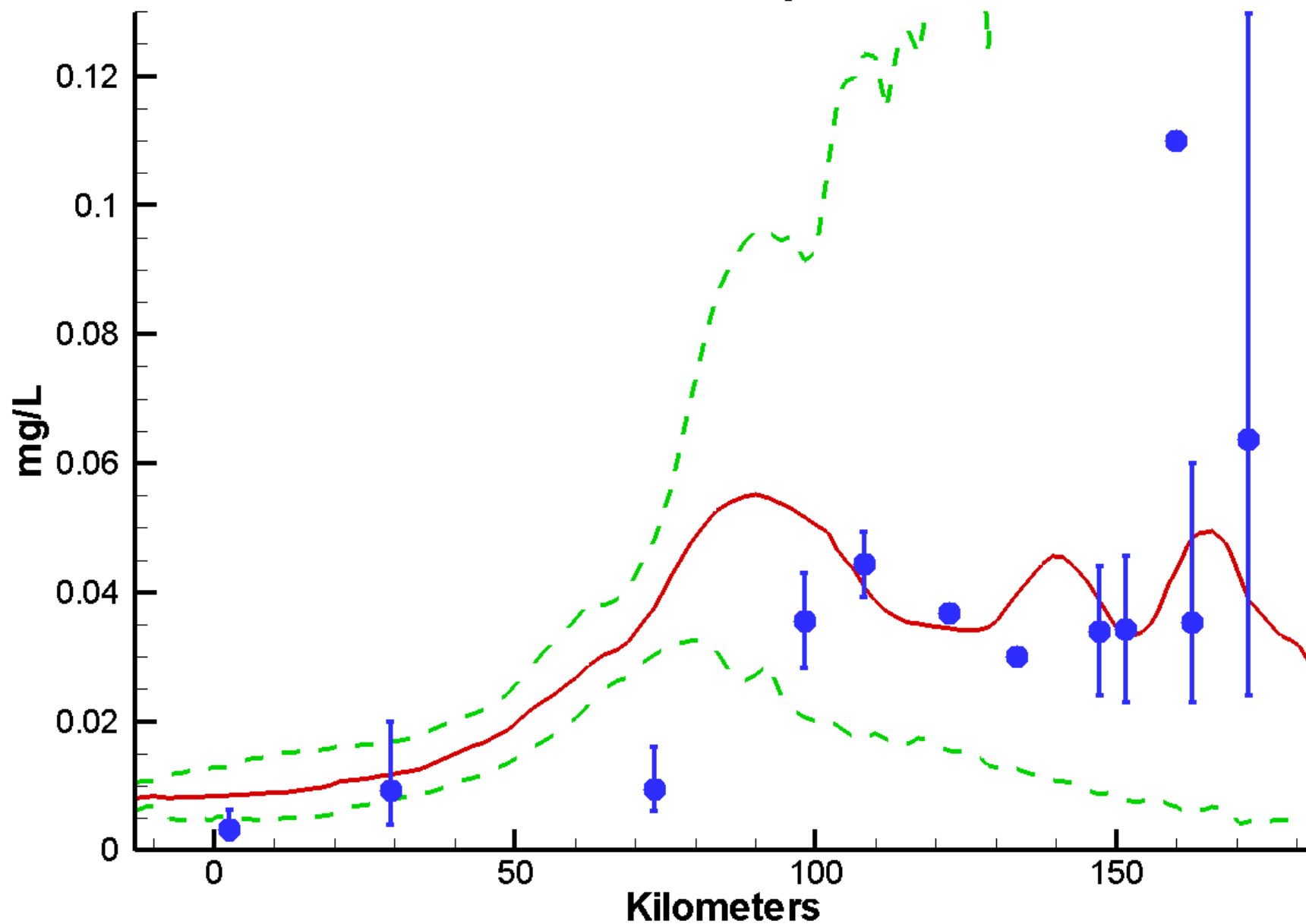
# Potomac River Ches2015 Run118

## Surface Chlorophyll Winter 1994



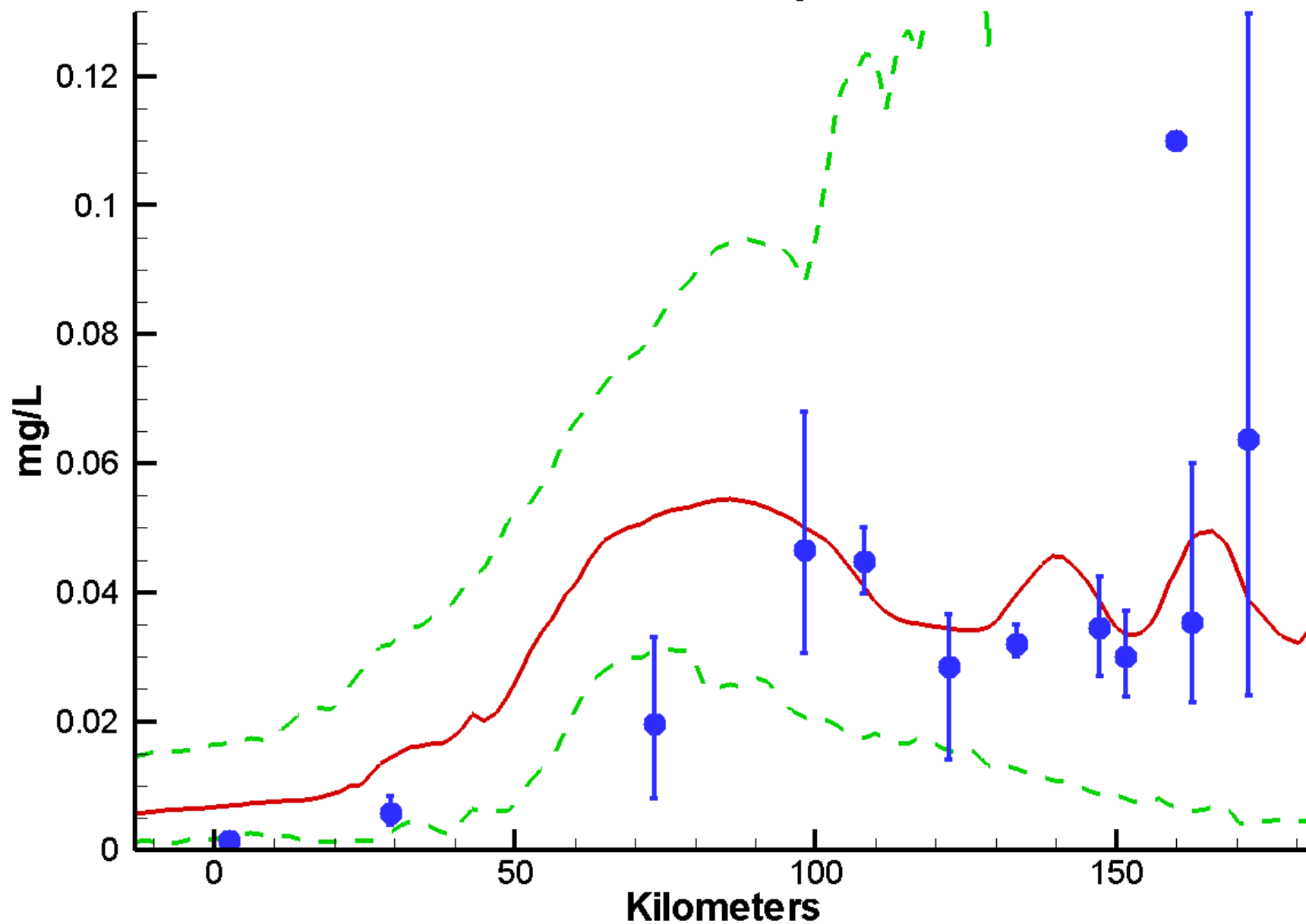
# Potomac River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1994



# Potomac River Ches2015 Run118

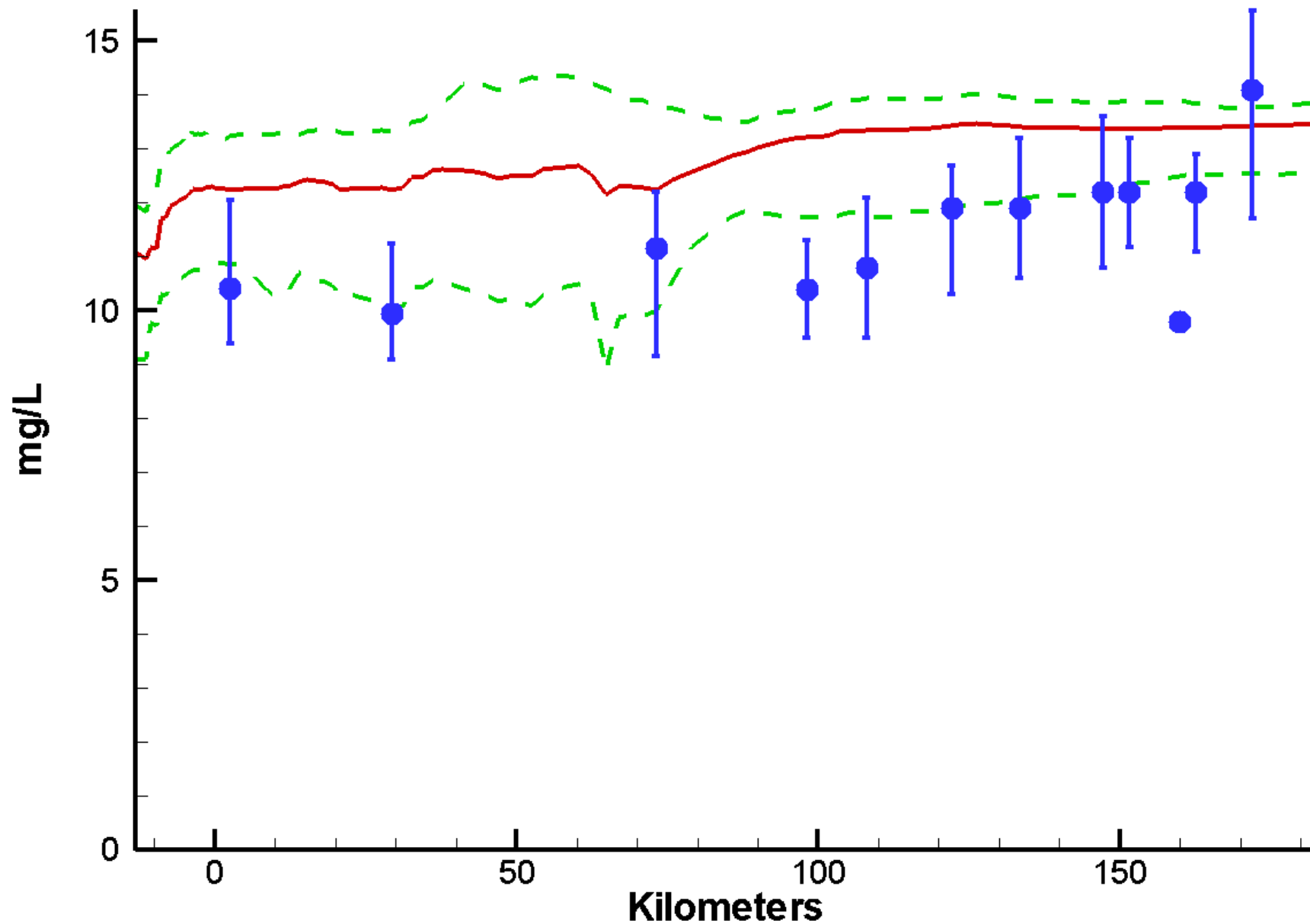
## Surface Dissolved Phosphate Winter 1994





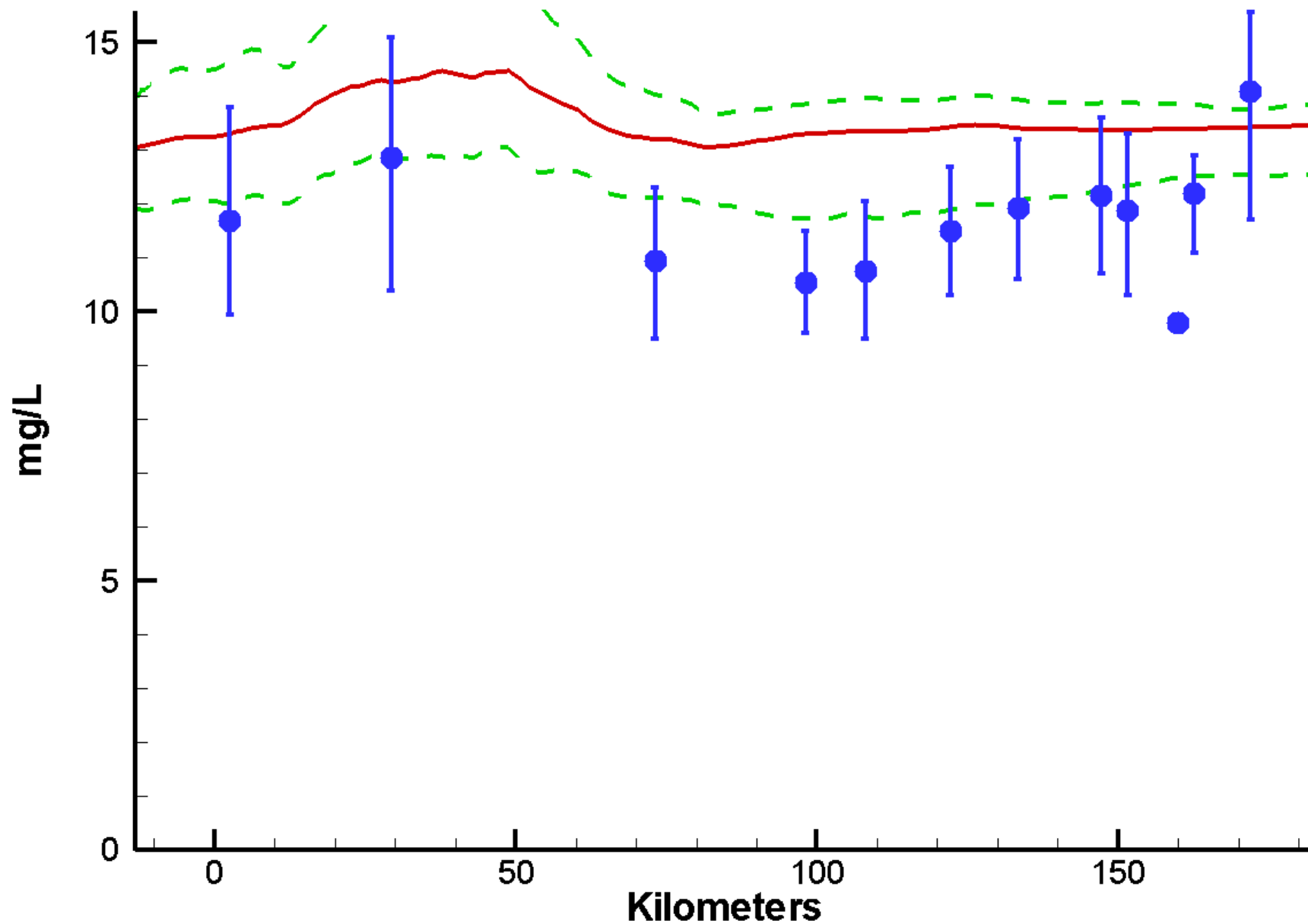
# Potomac River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1994



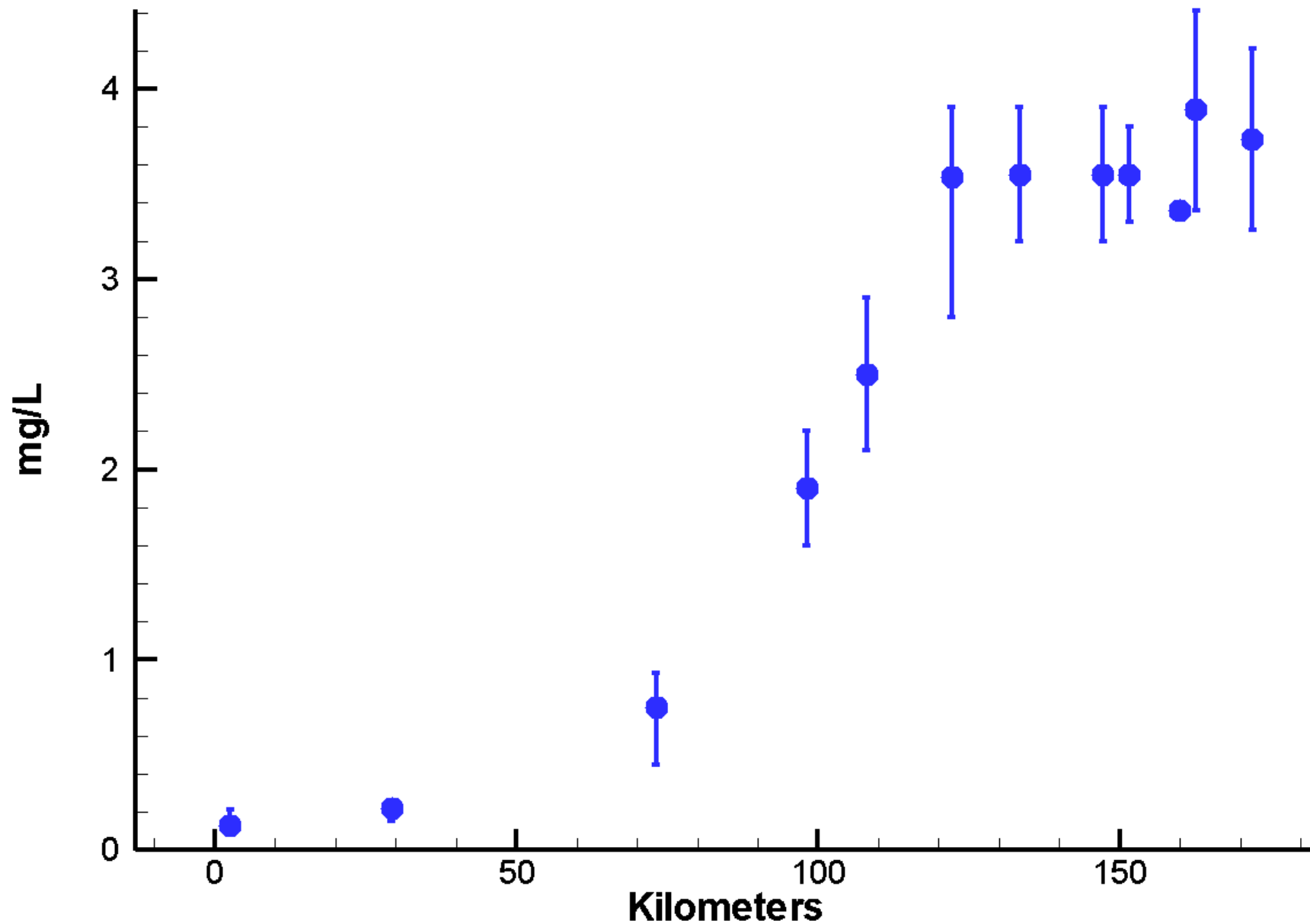
# Potomac River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1994

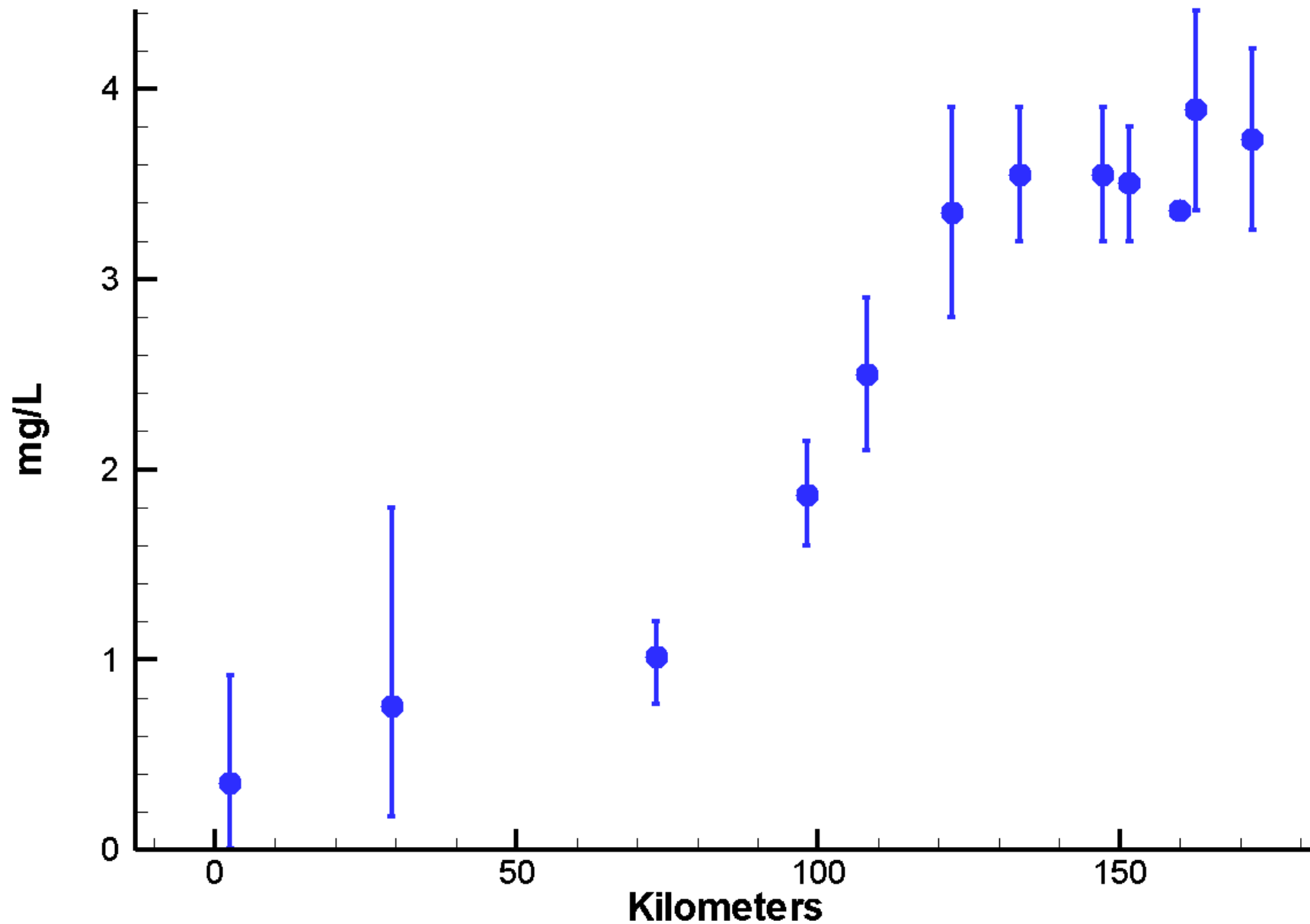


# Potomac River Ches2015 Run118

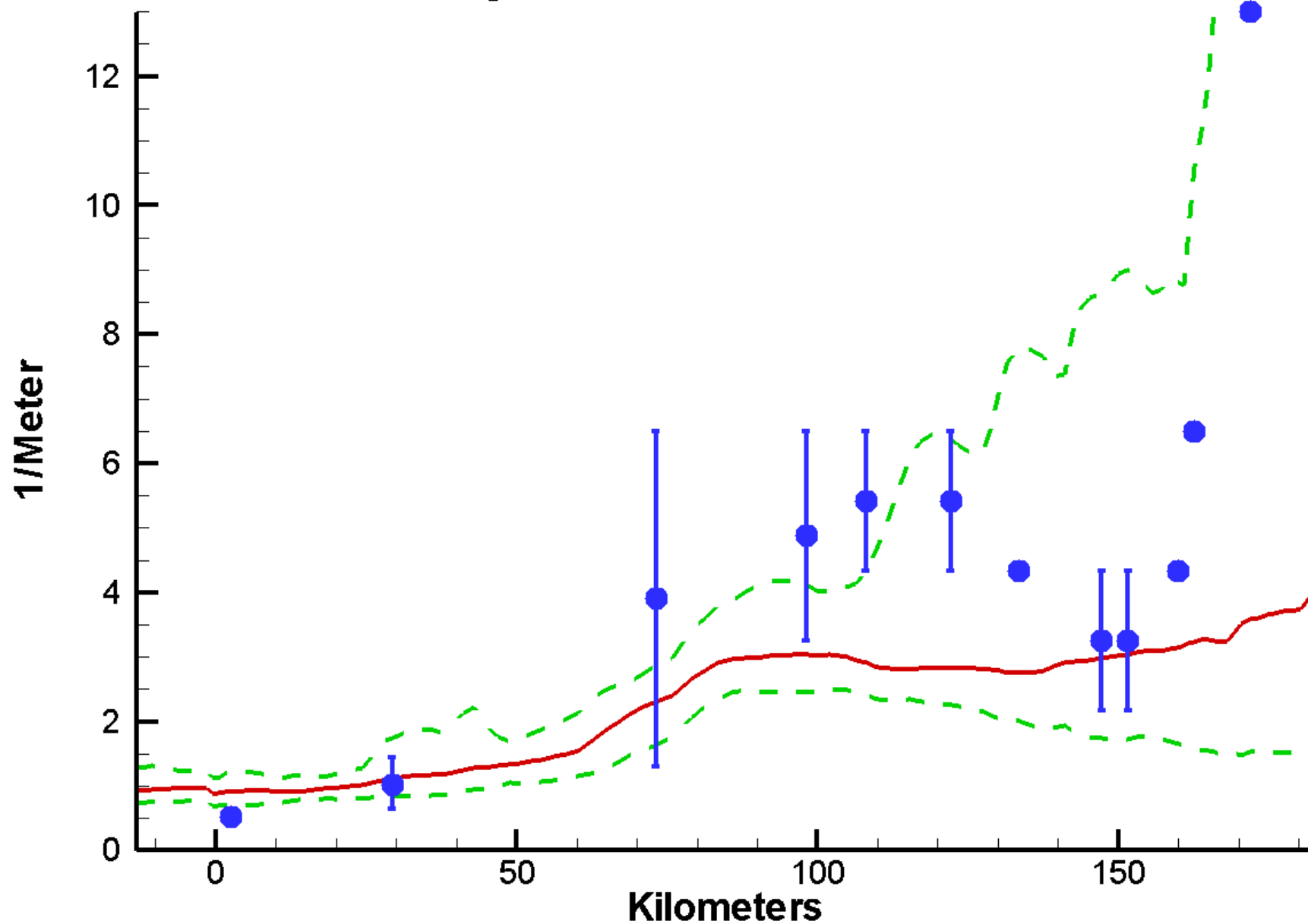
## Bottom Dissolved Silica Winter 1994



# Potomac River Ches2015 Run118 Surface Dissolved Silica Winter 1994

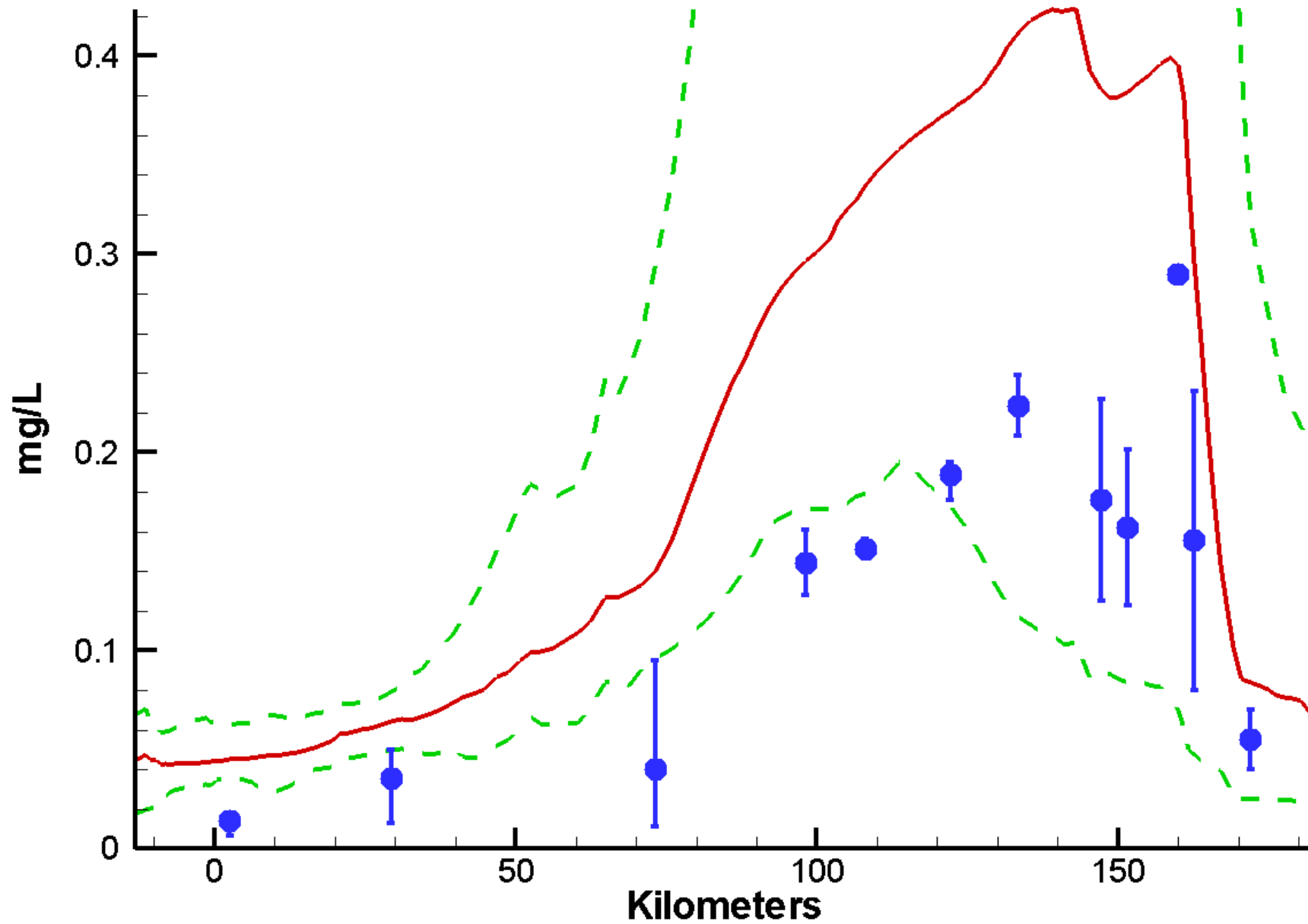


# Potomac River Ches2015 Run118 Surface Light Extinction Winter 1994

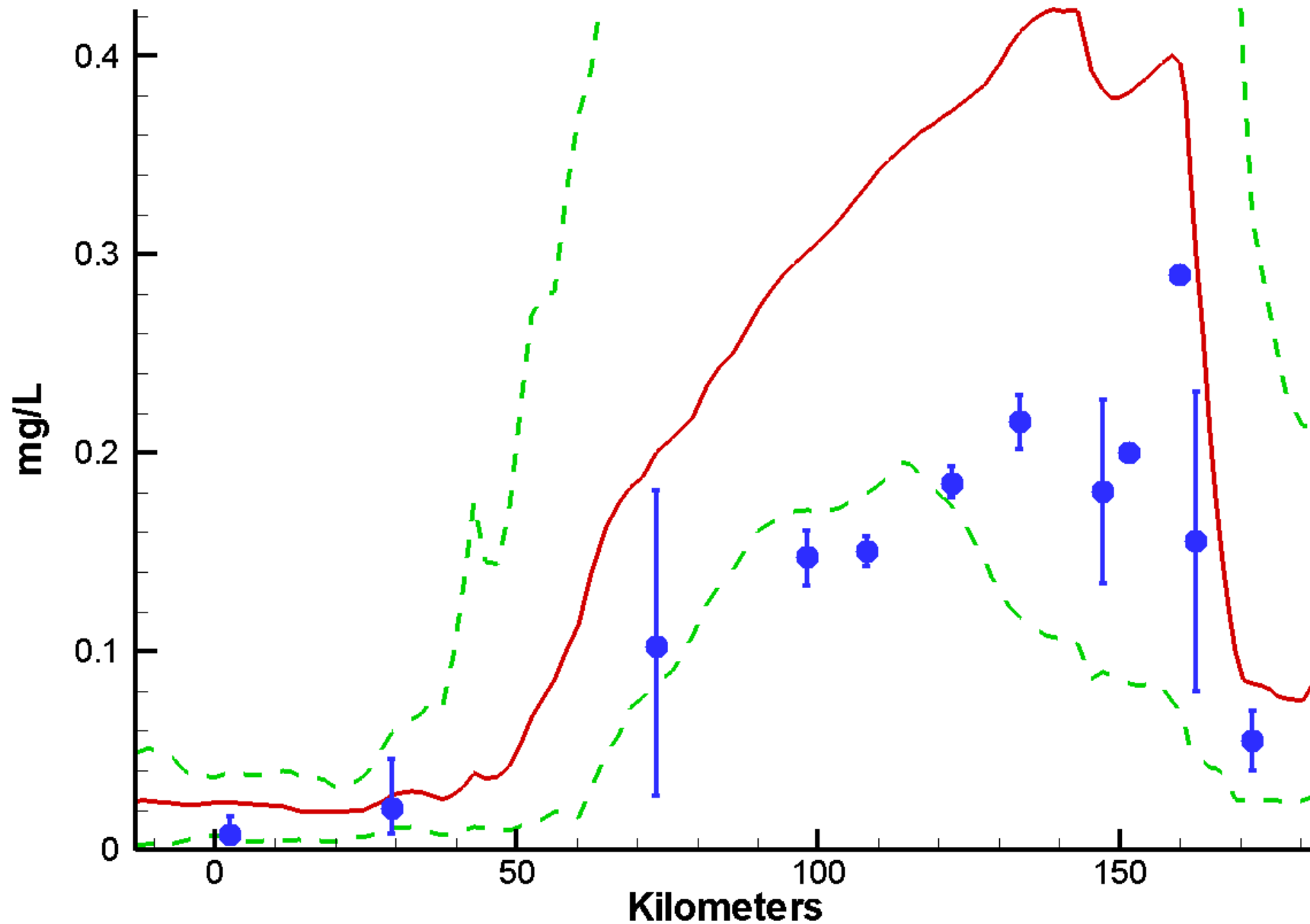


# Potomac River Ches2015 Run118

## Bottom Ammonium Winter 1994

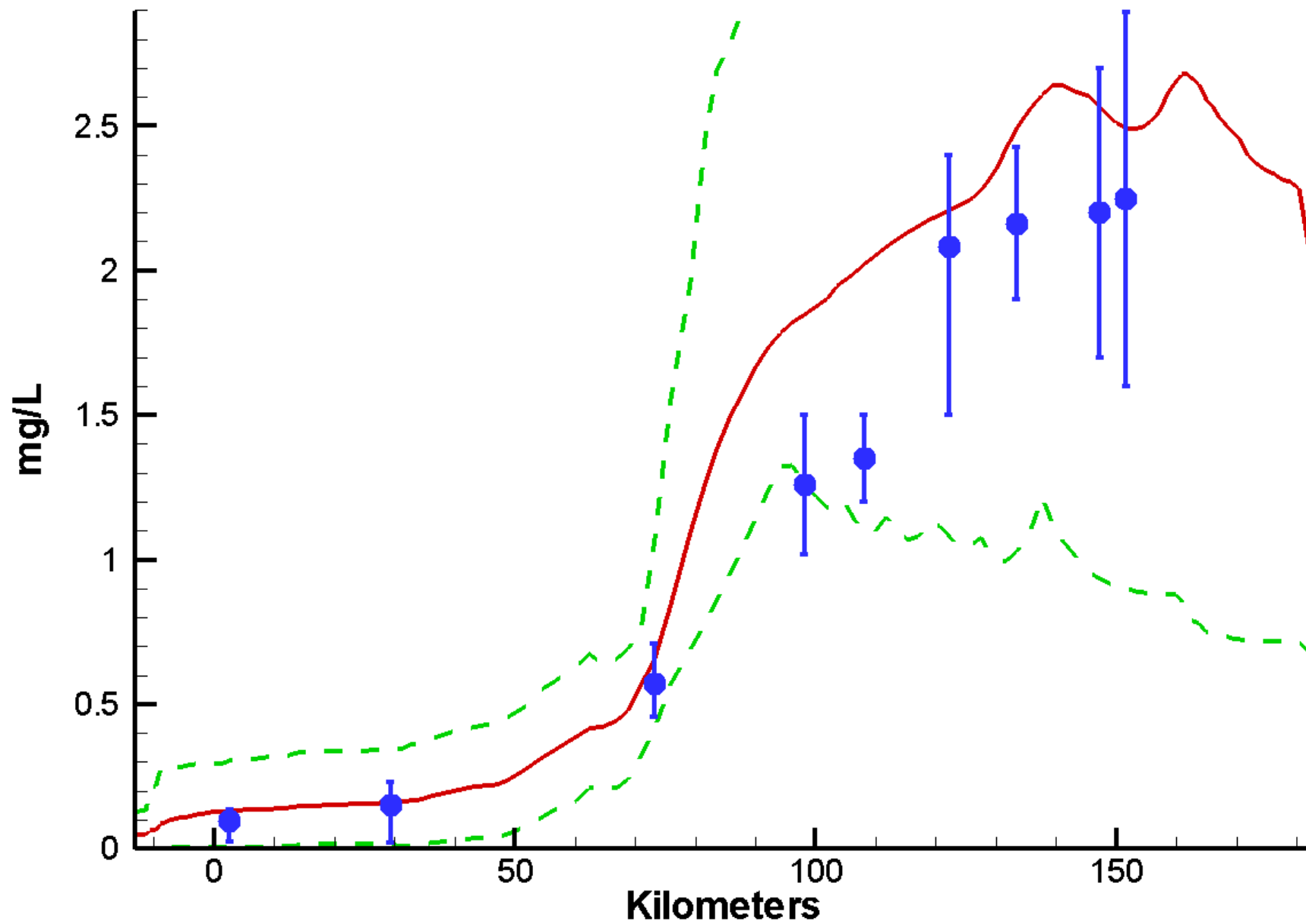


# Potomac River Ches2015 Run118 Surface Ammonium Winter 1994



# Potomac River Ches2015 Run118

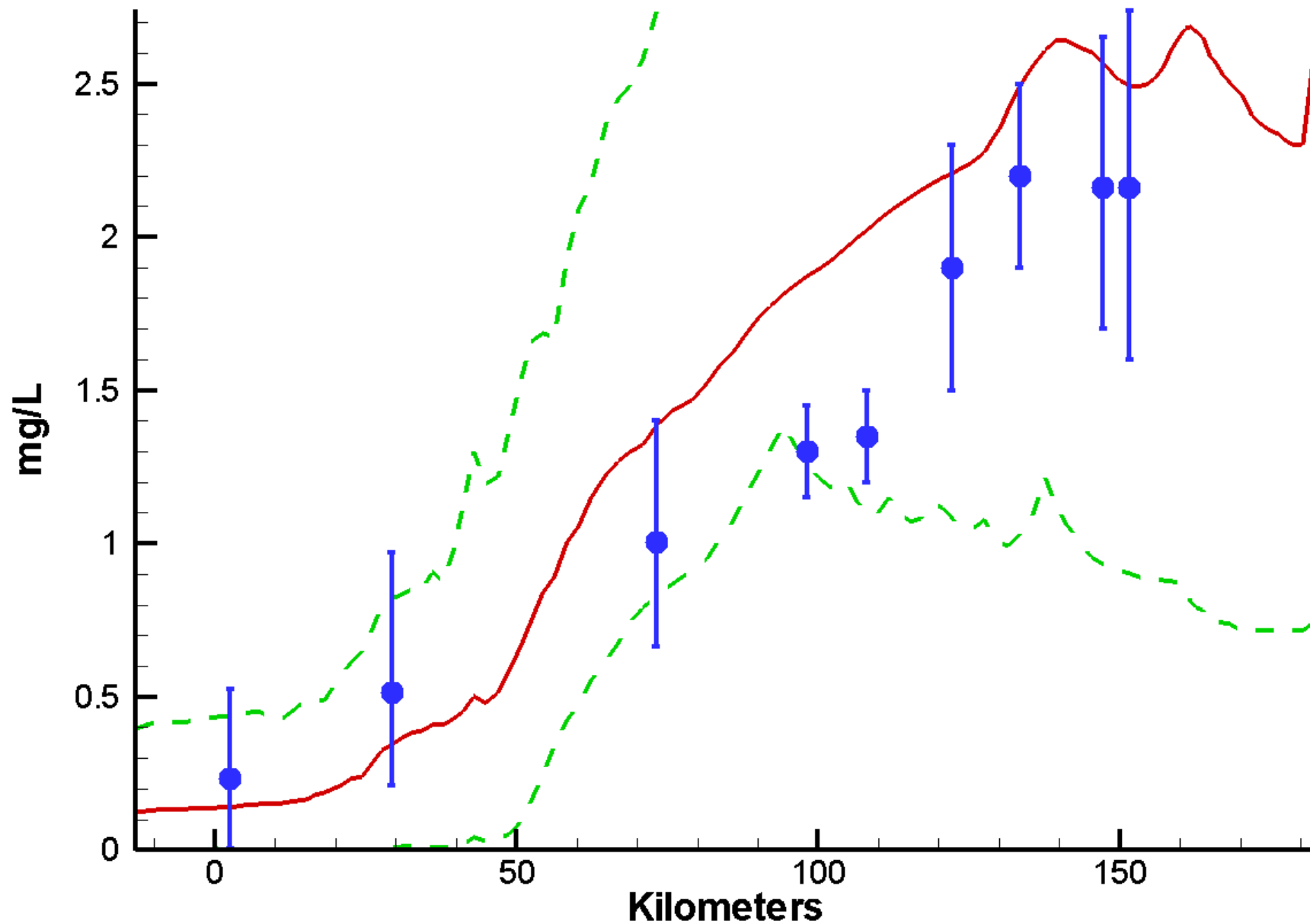
## Bottom Nitrate Winter 1994





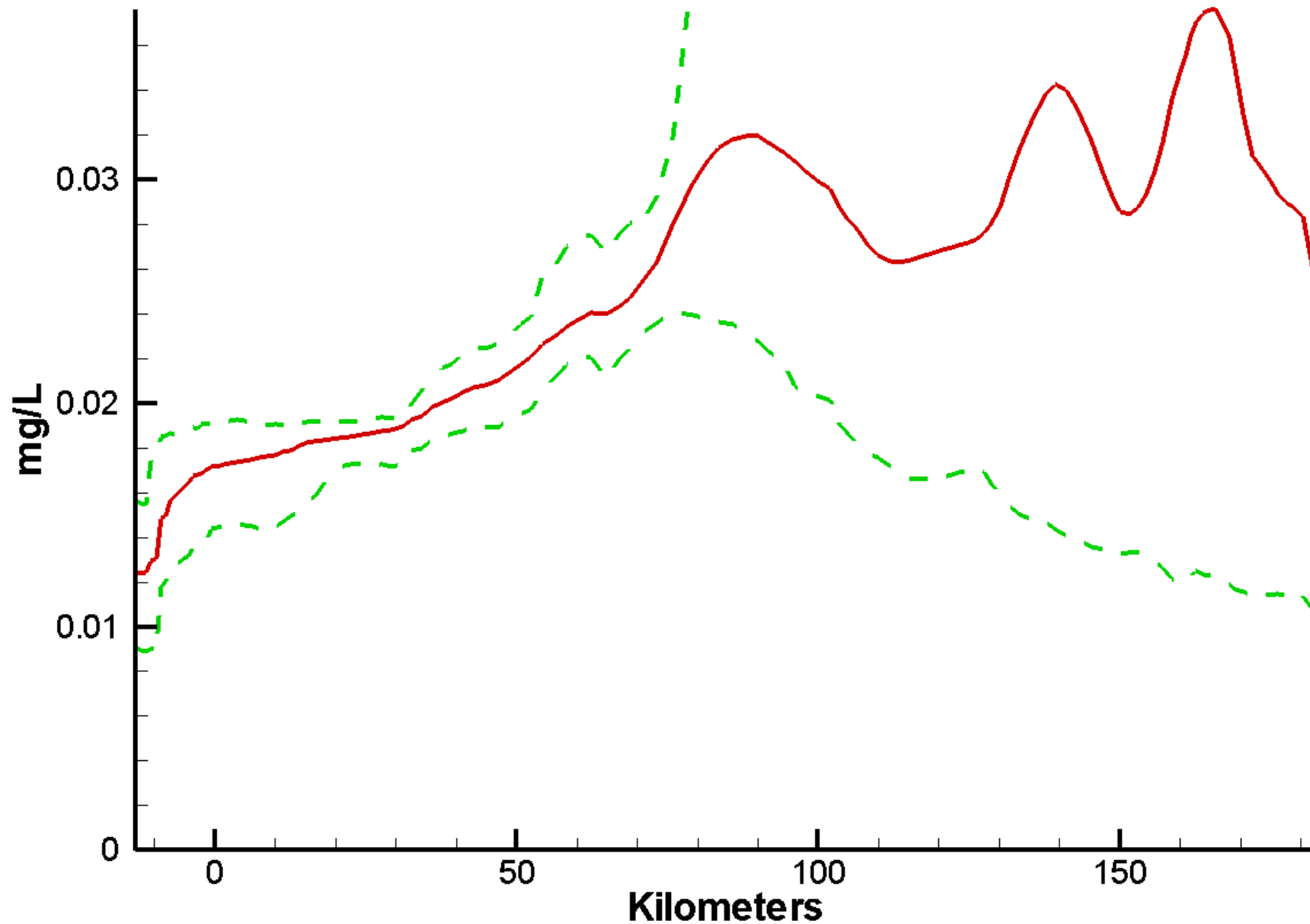
# Potomac River Ches2015 Run118

## Surface Nitrate Winter 1994



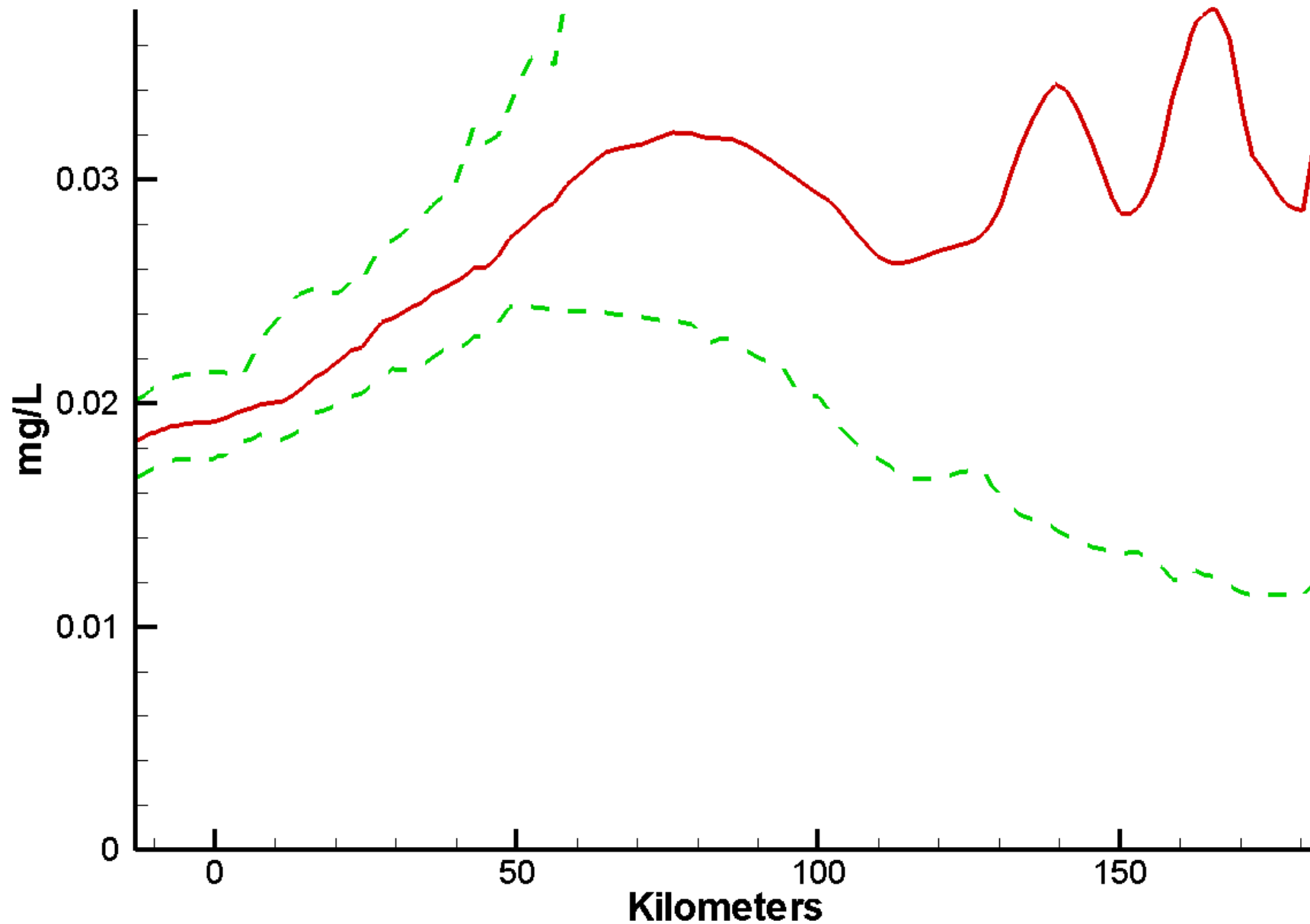
# Potomac River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1994



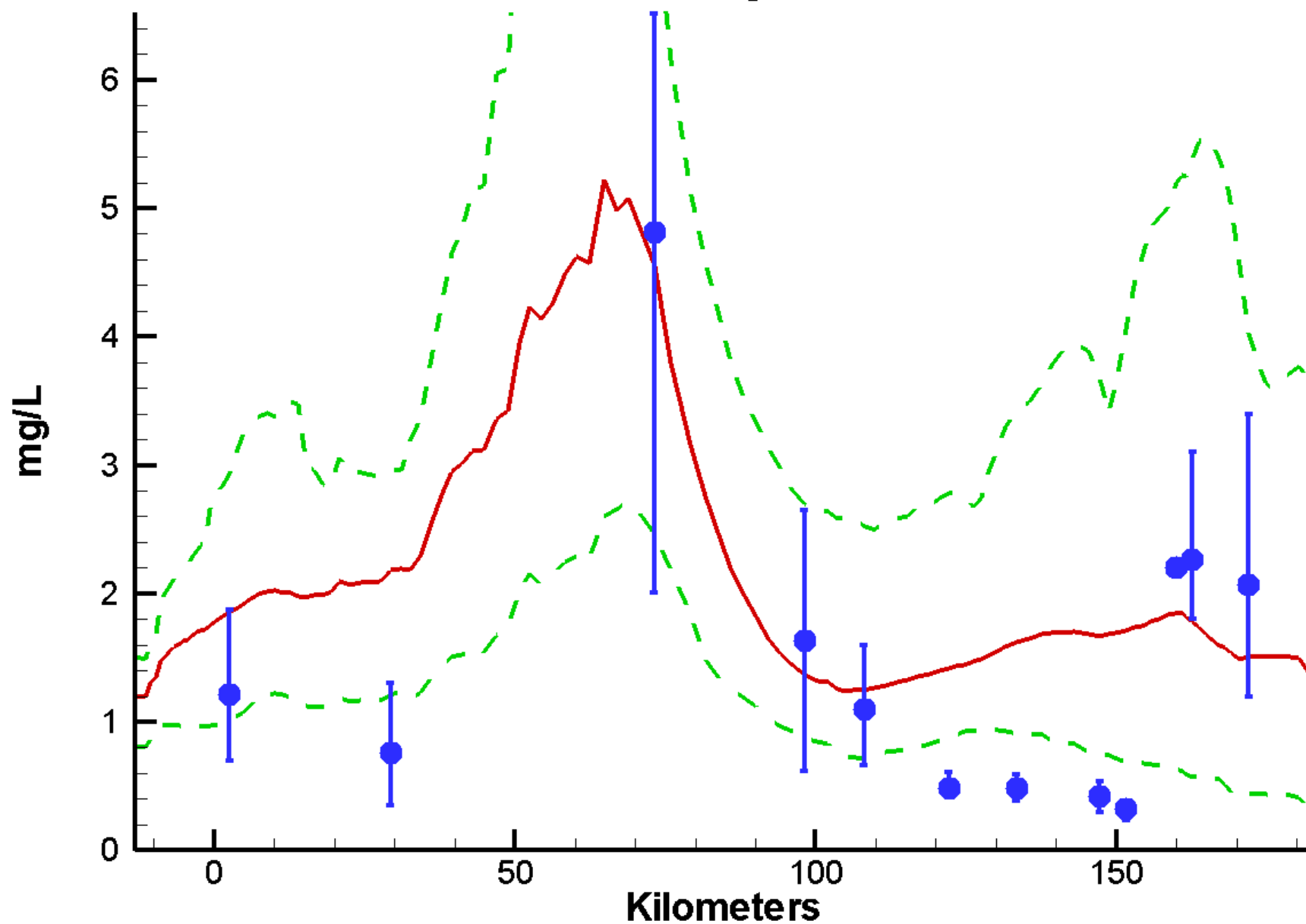
# Potomac River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1994



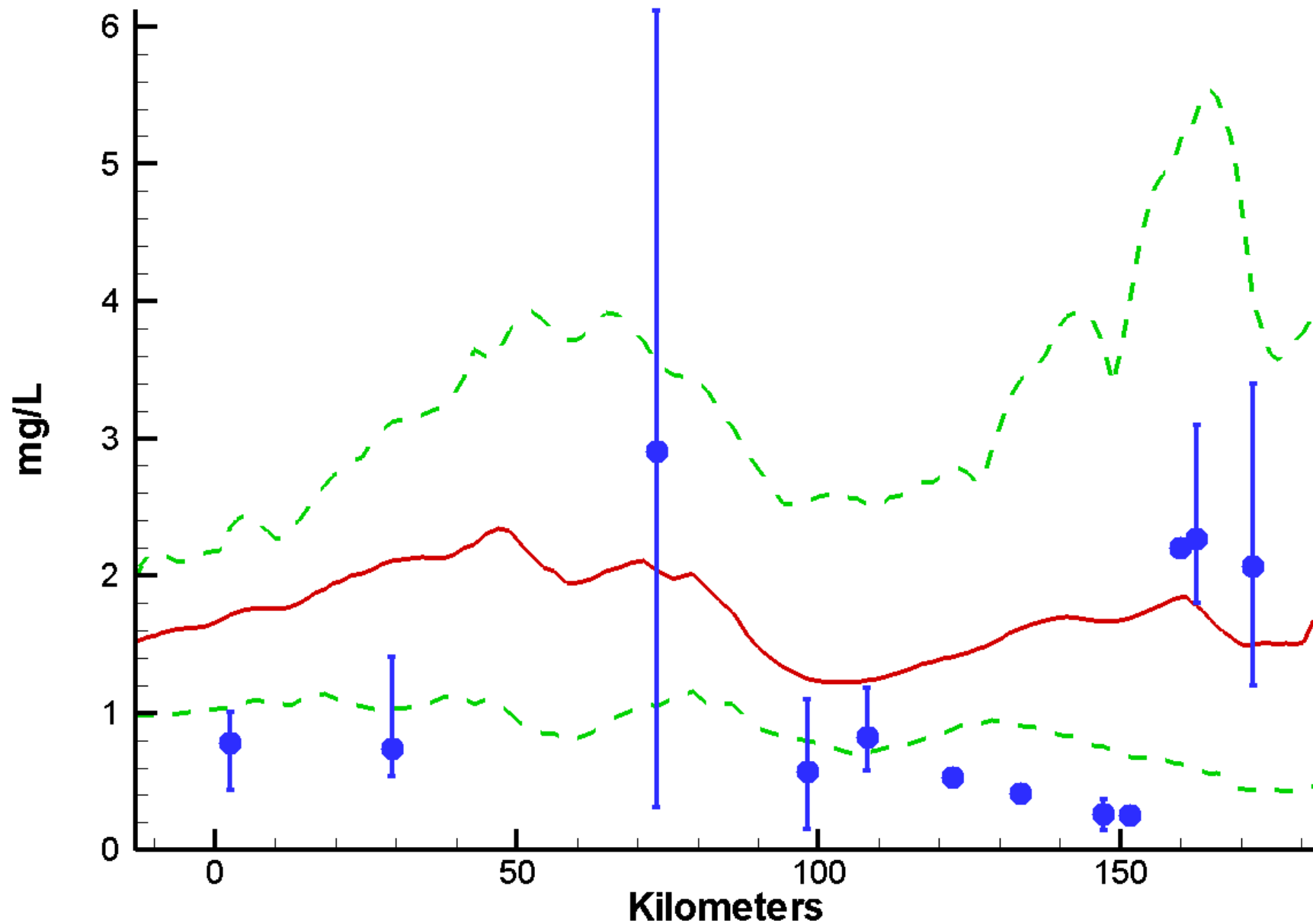
# Potomac River Ches2015 Run118

## Bottom Particulate Organic Carbon Winter 1994



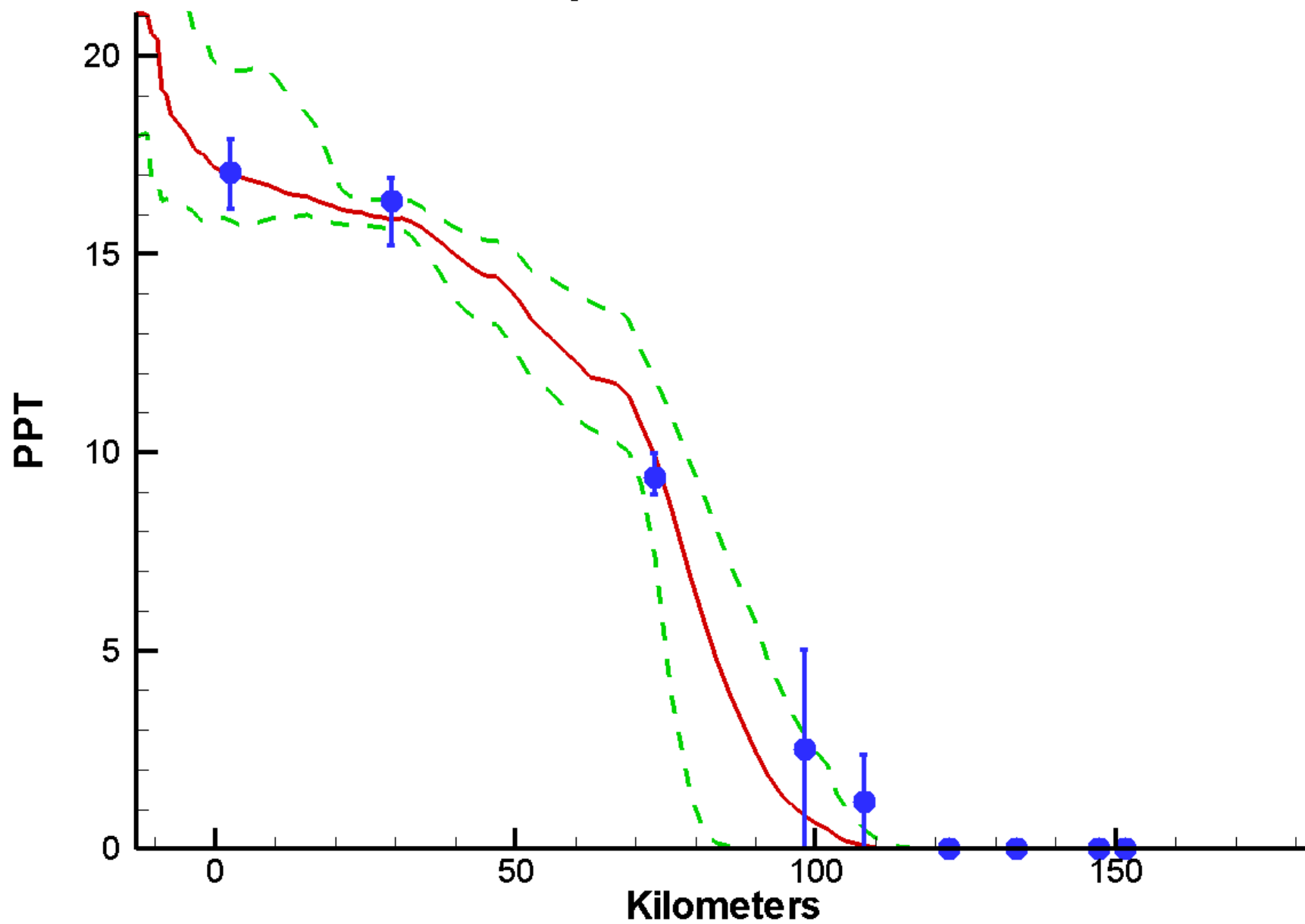
# Potomac River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1994



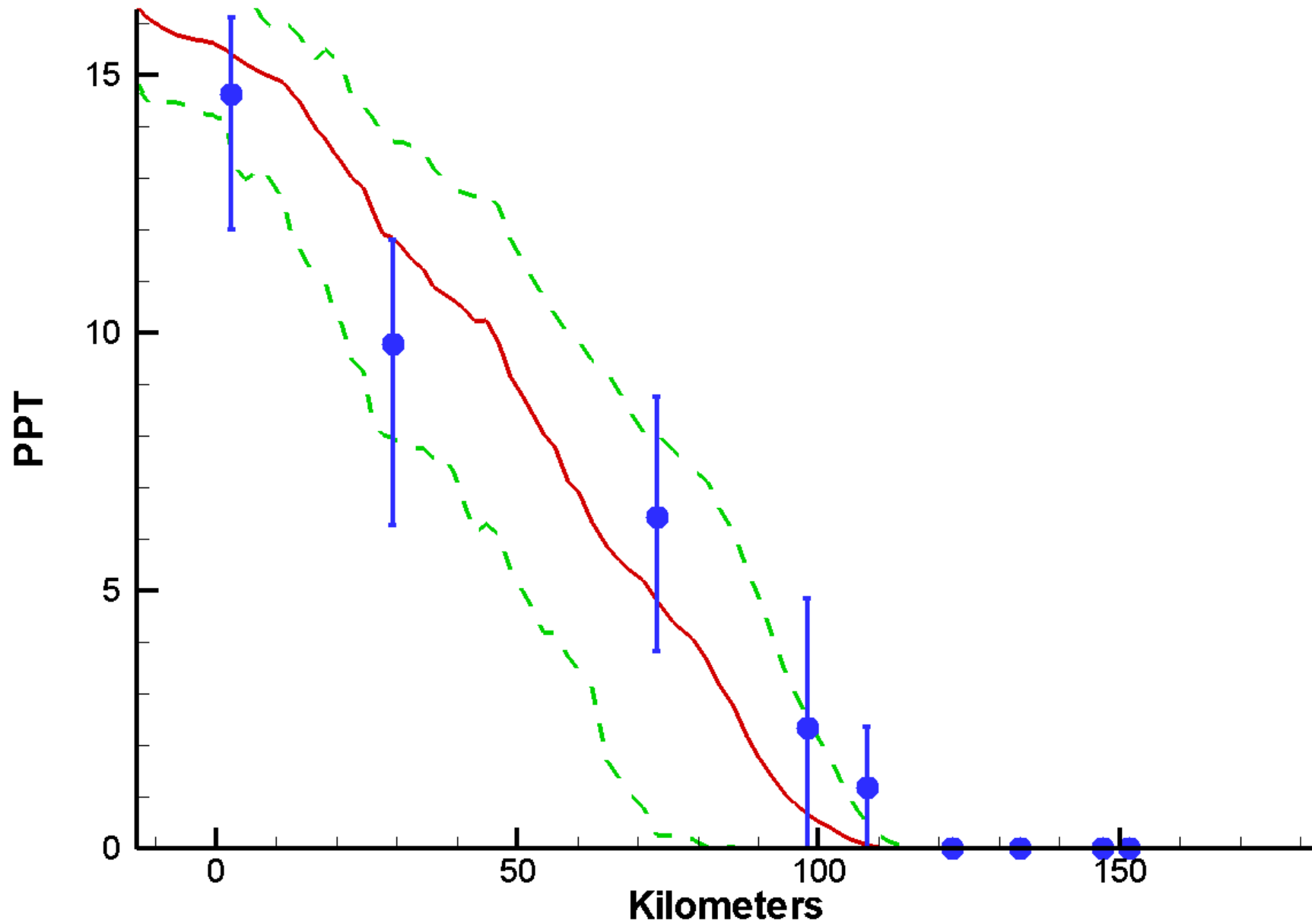
# Potomac River Ches2015 Run118

## Bottom Salinity Winter 1994



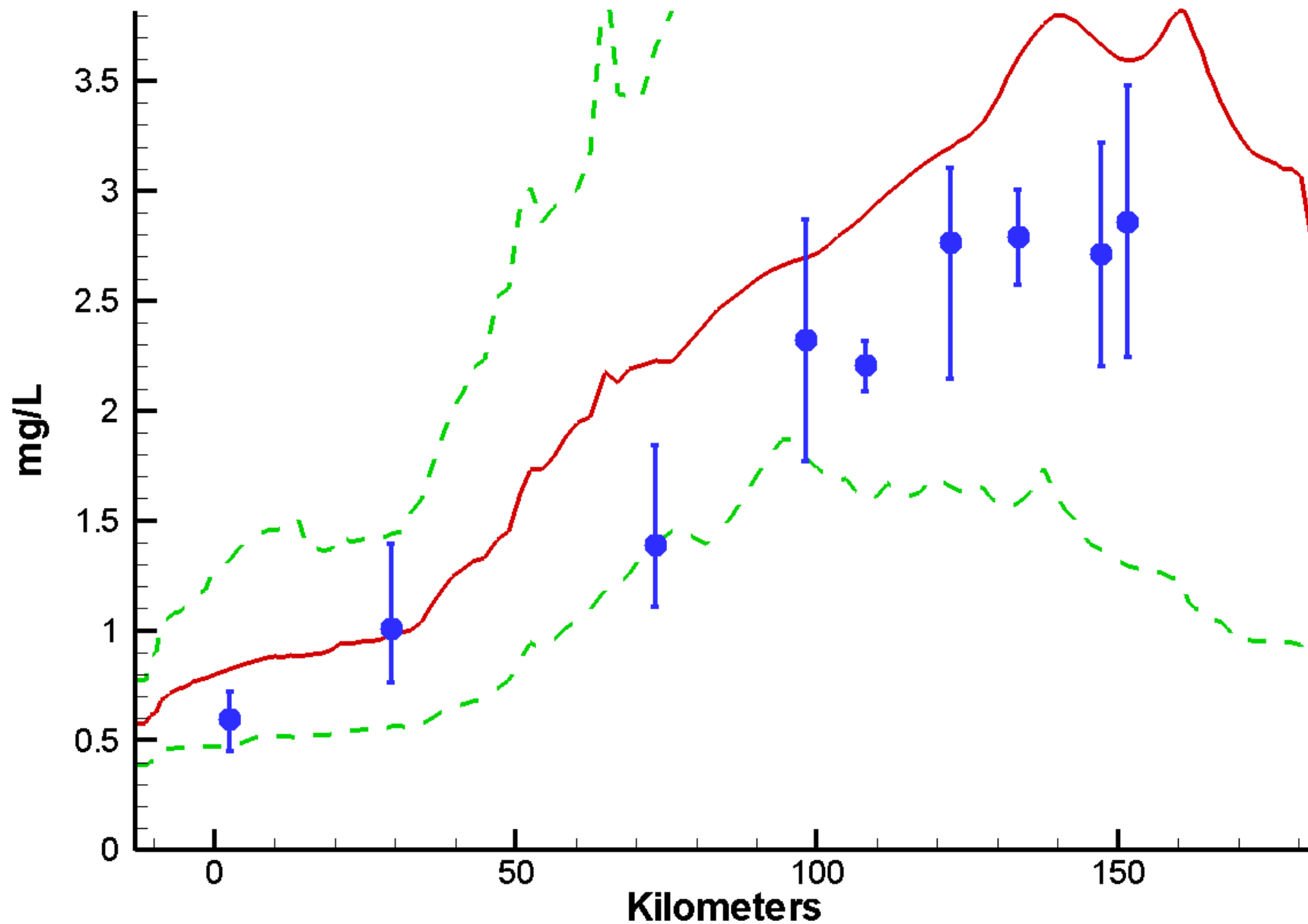
# Potomac River Ches2015 Run118

## Surface Salinity Winter 1994



# Potomac River Ches2015 Run118

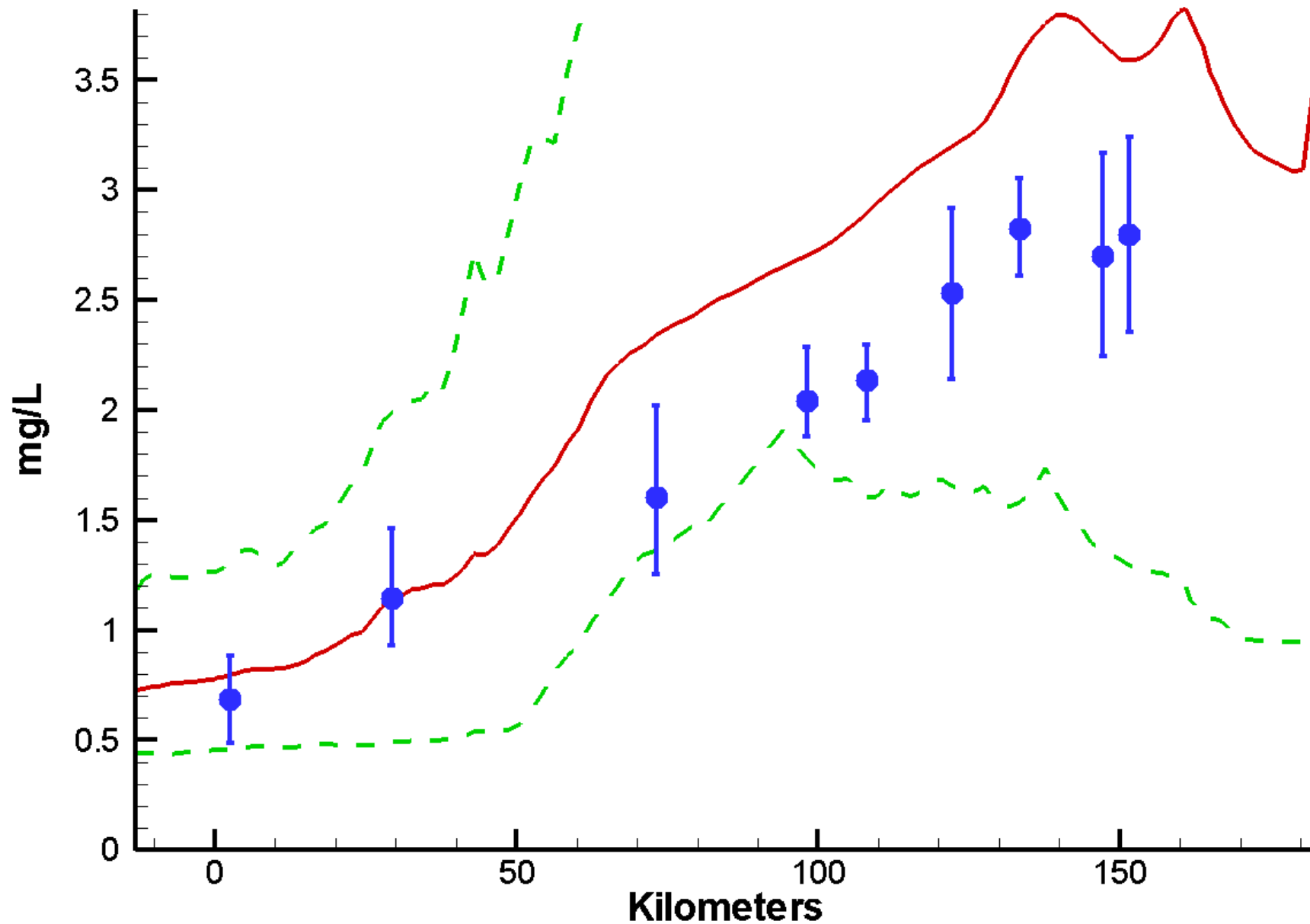
## Bottom Total Nitrogen Winter 1994





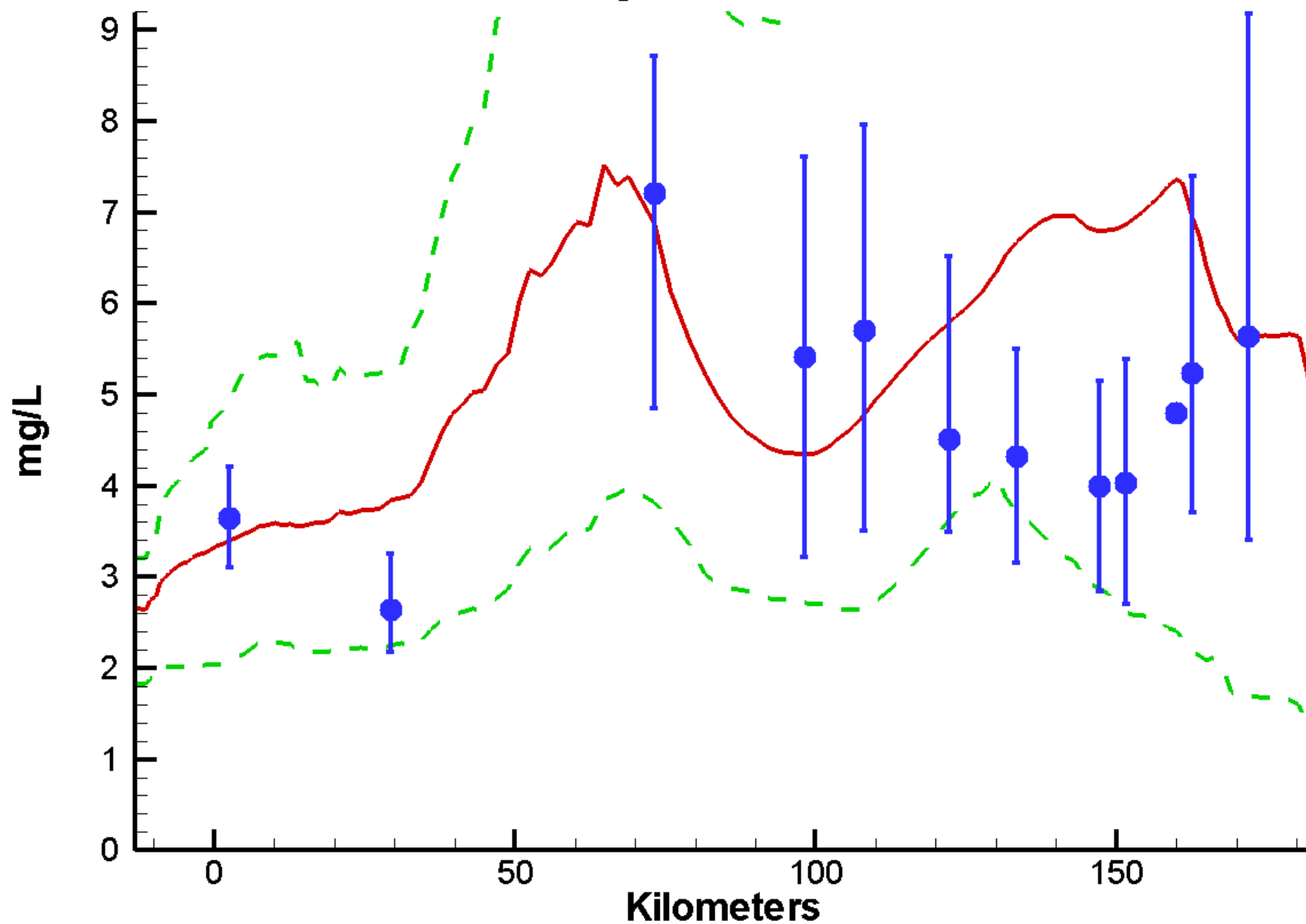
# Potomac River Ches2015 Run118

## Surface Total Nitrogen Winter 1994



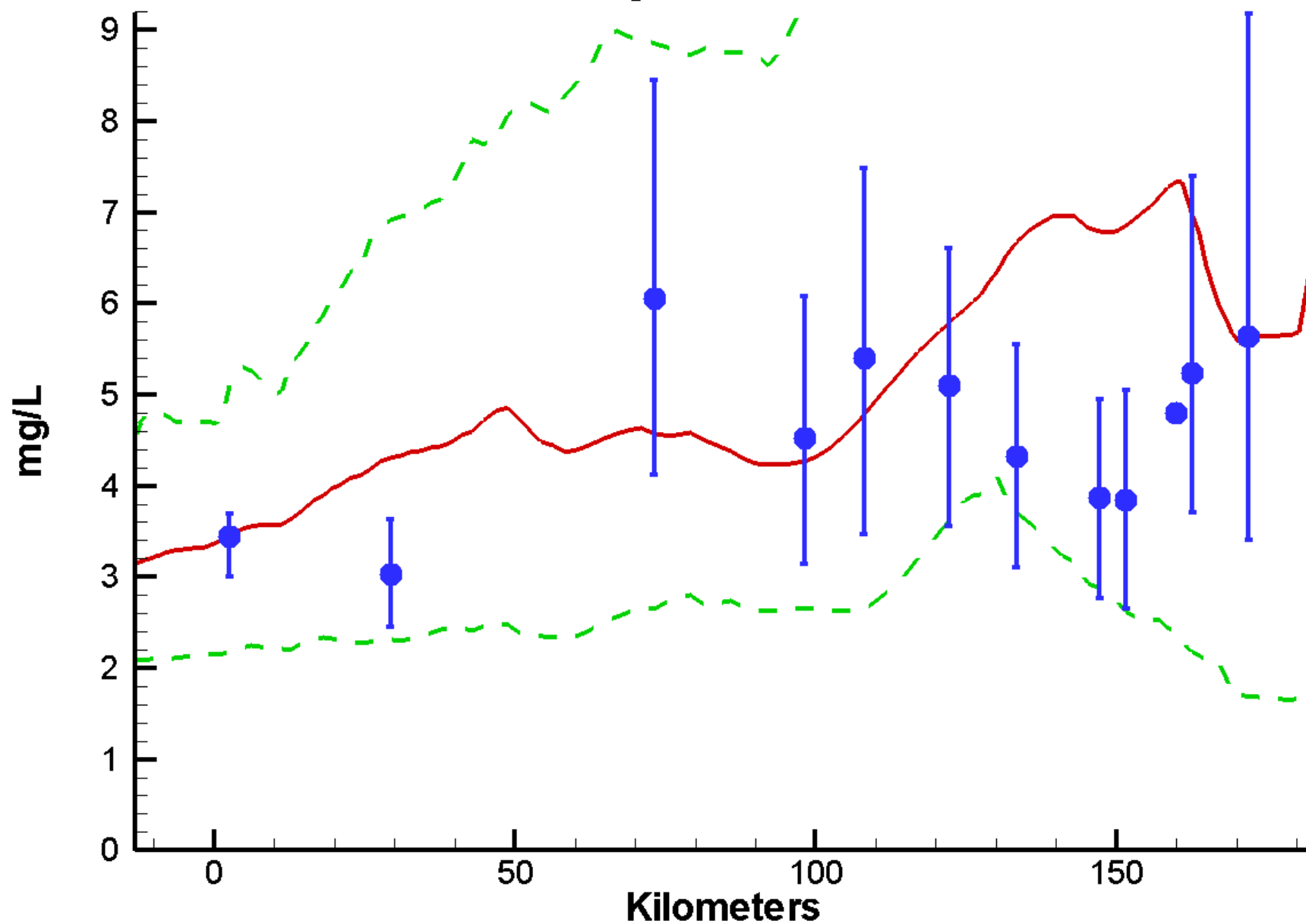
# Potomac River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1994



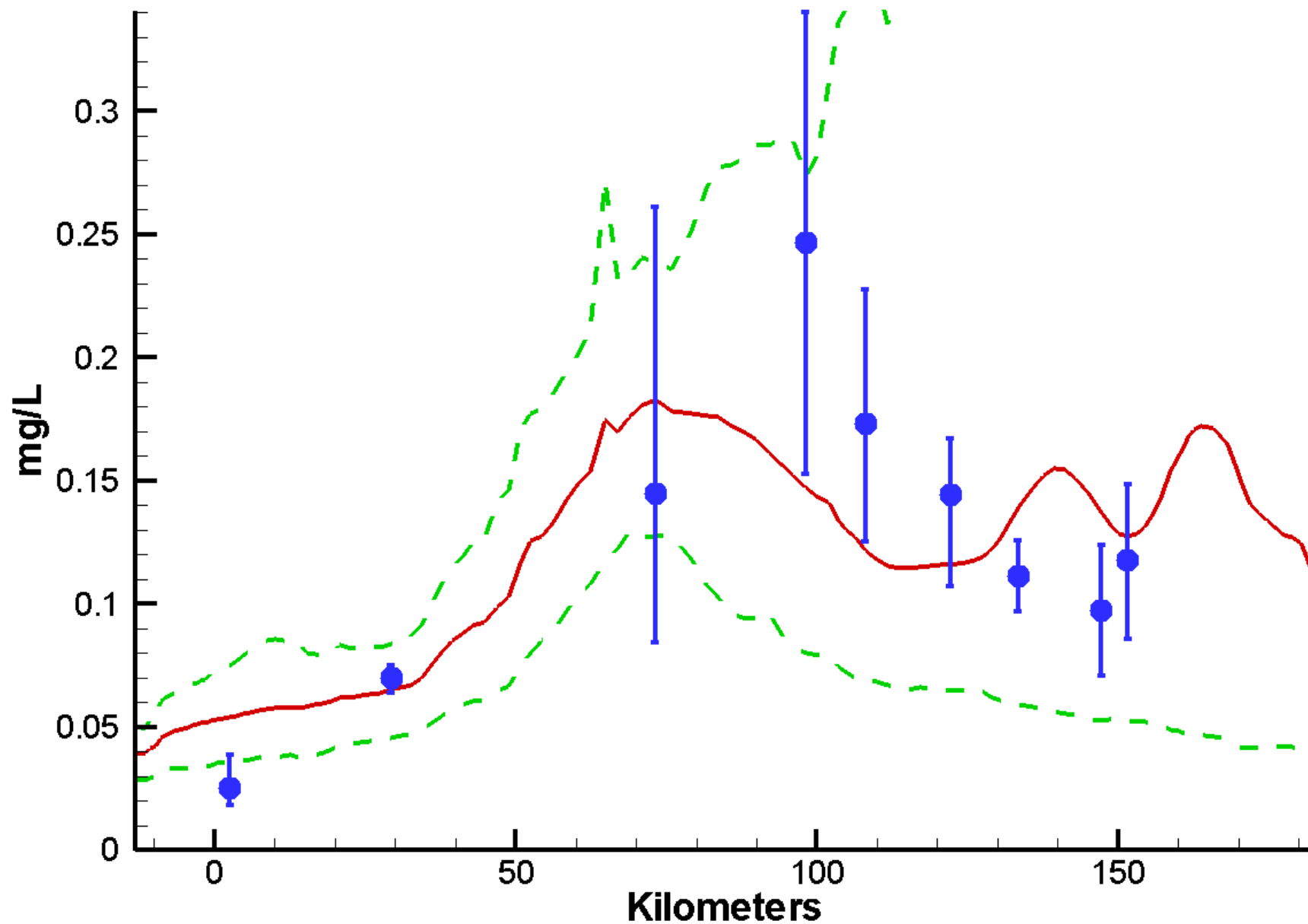
# Potomac River Ches2015 Run118

## Surface Total Organic Carbon Winter 1994



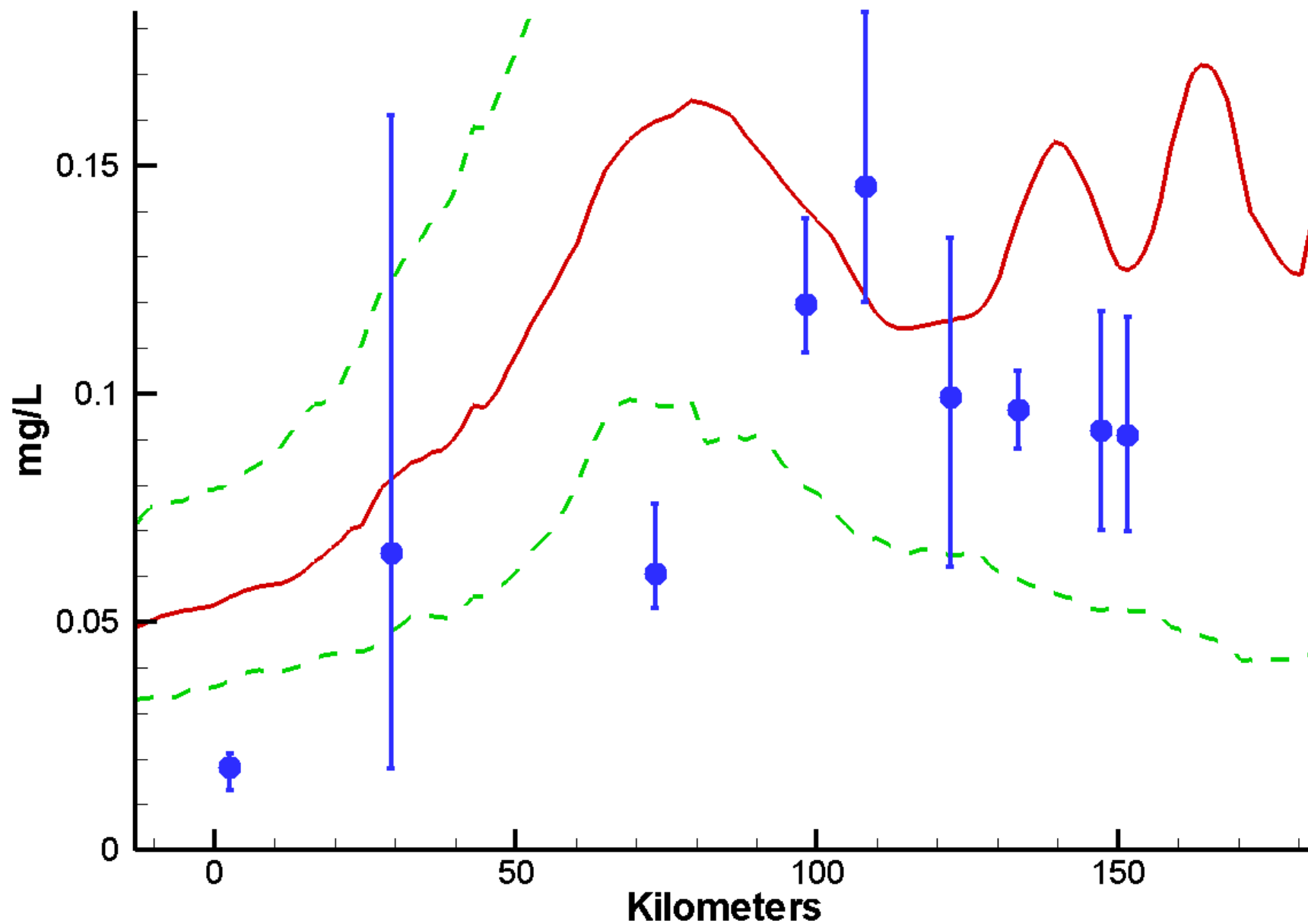
# Potomac River Ches2015 Run118

## Bottom Total Phosphorus Winter 1994



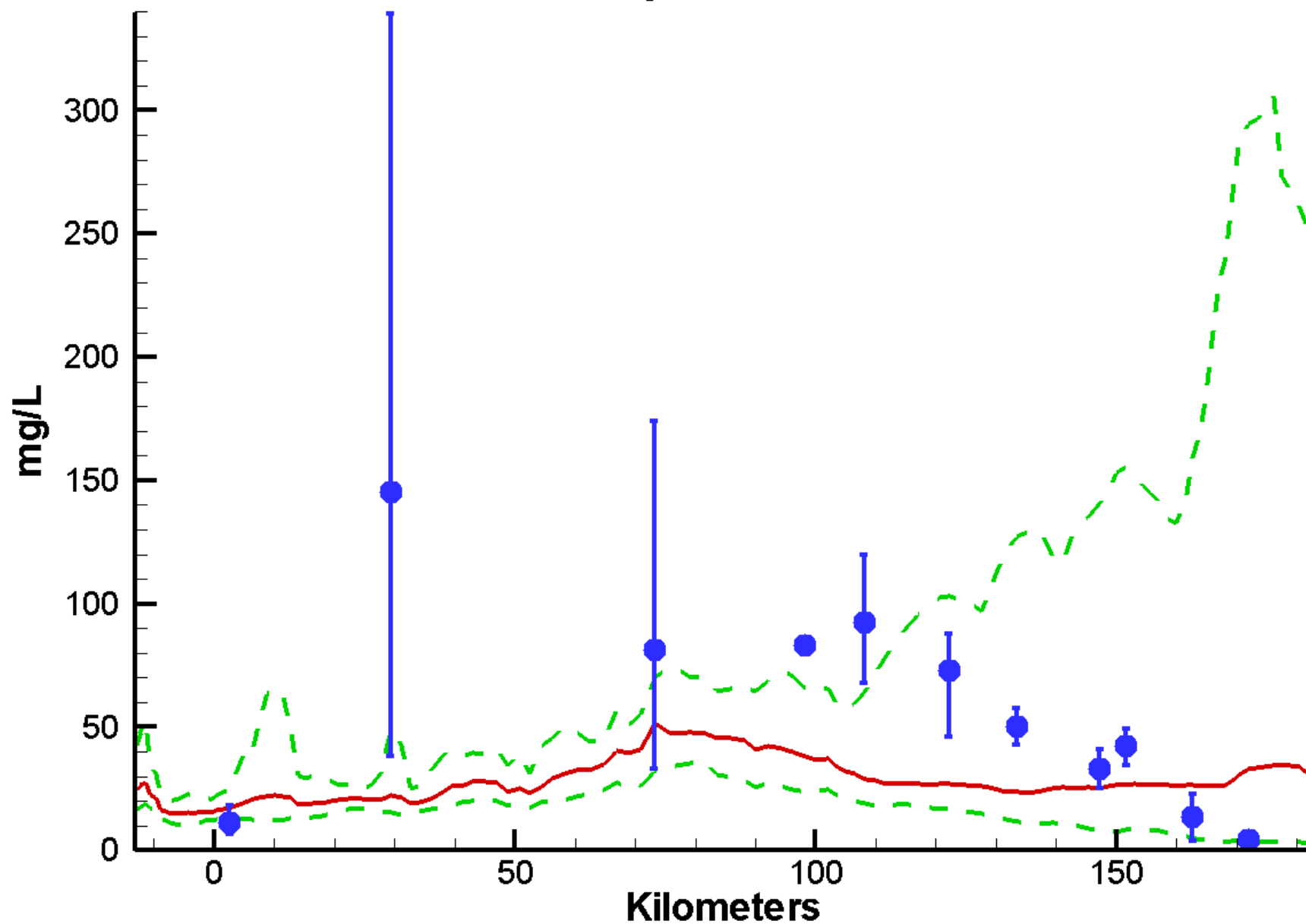
# Potomac River Ches2015 Run118

## Surface Total Phosphorus Winter 1994



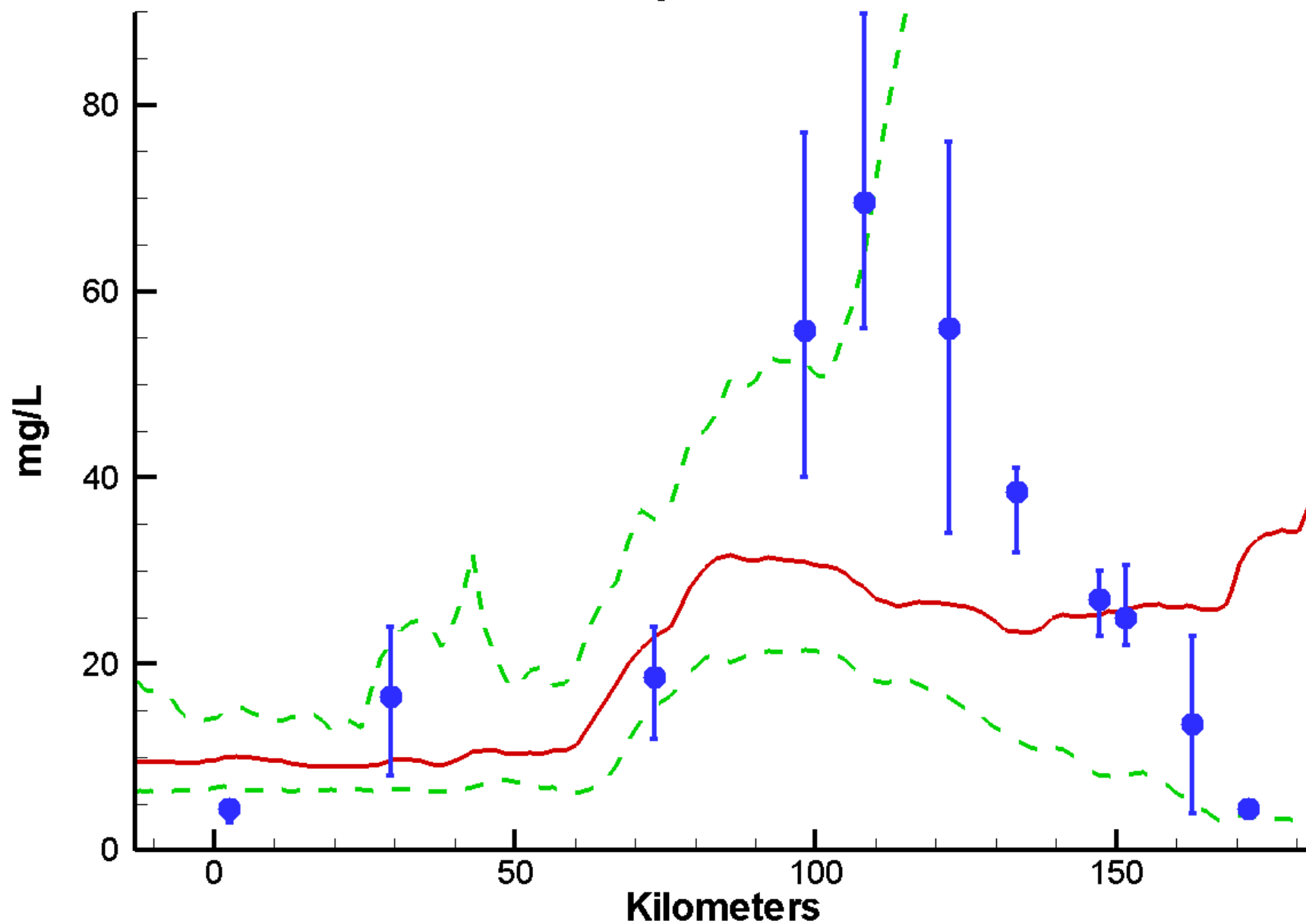
# Potomac River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1994



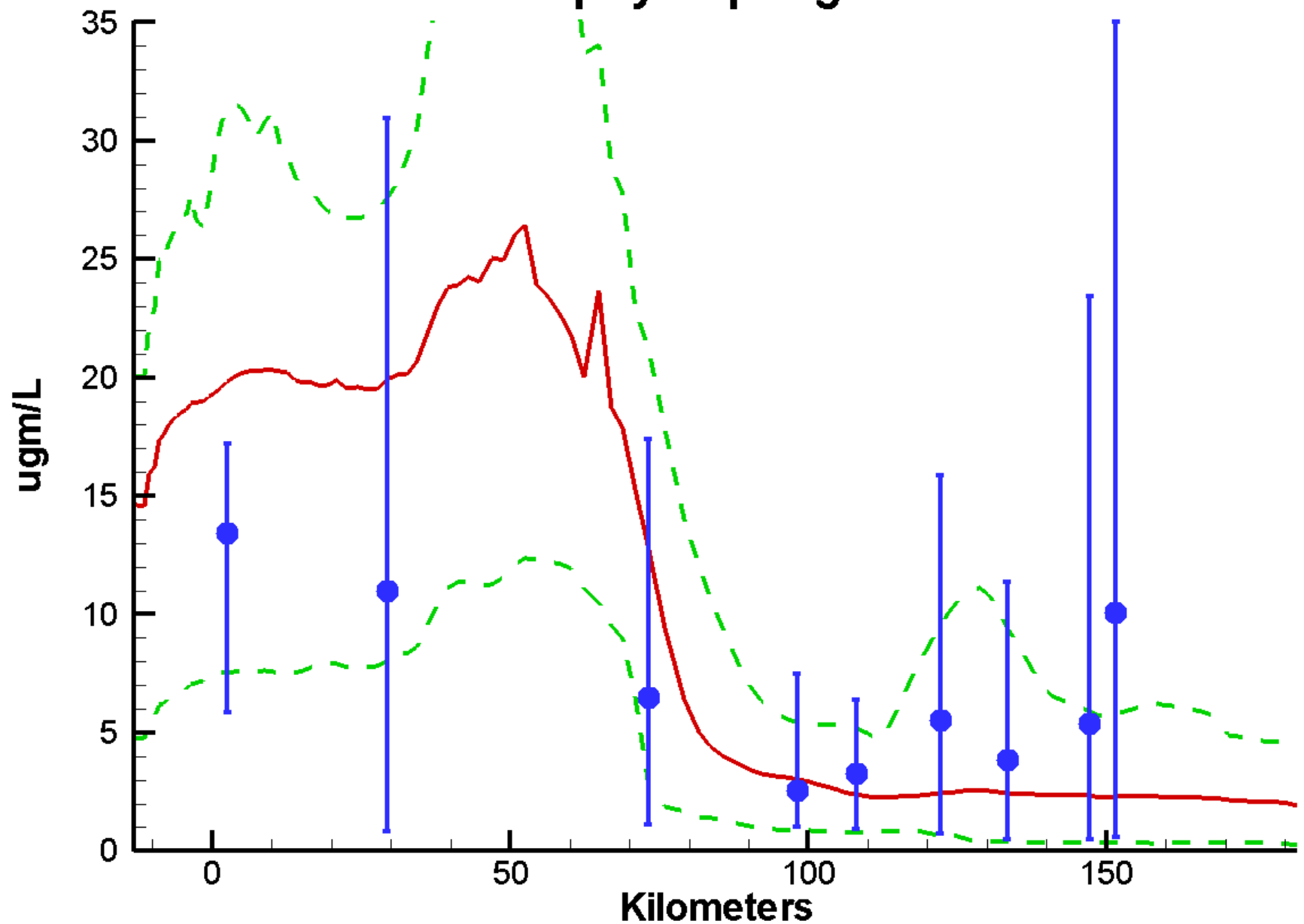
# Potomac River Ches2015 Run118

## Surface Total Suspended Solids Winter 1994



# Potomac River Ches2015 Run118

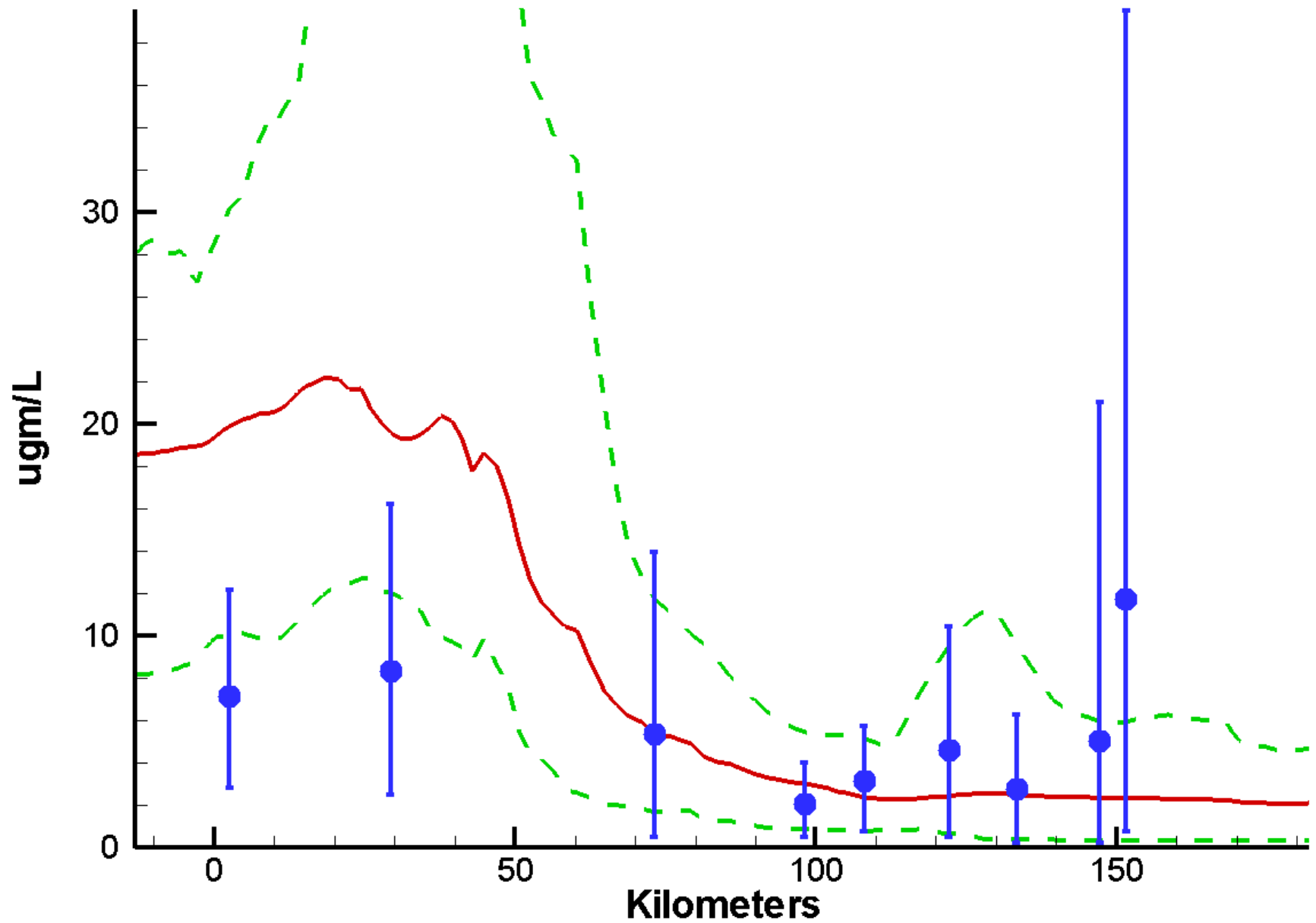
## Bottom Chlorophyll Spring 1994





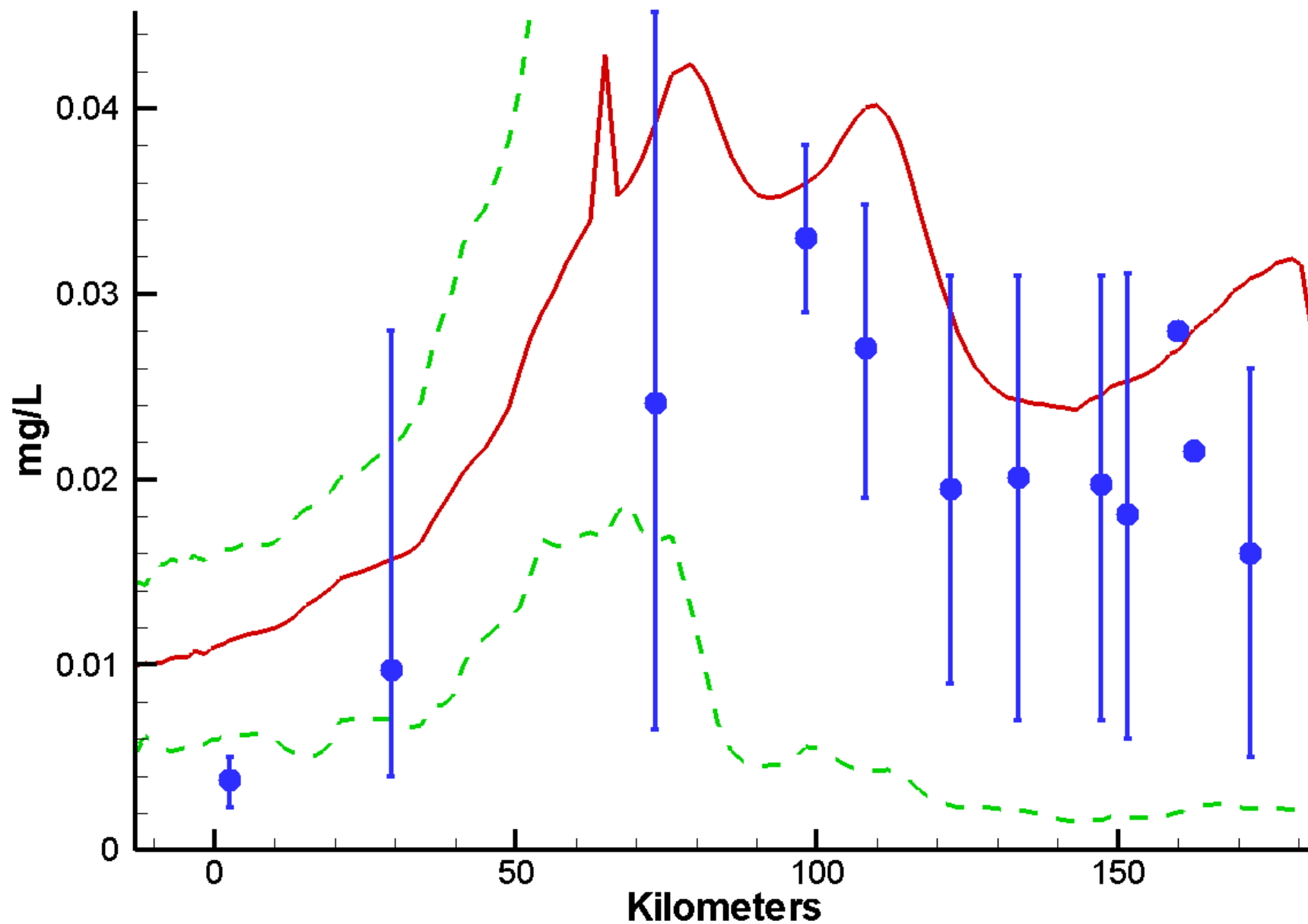
# Potomac River Ches2015 Run118

## Surface Chlorophyll Spring 1994



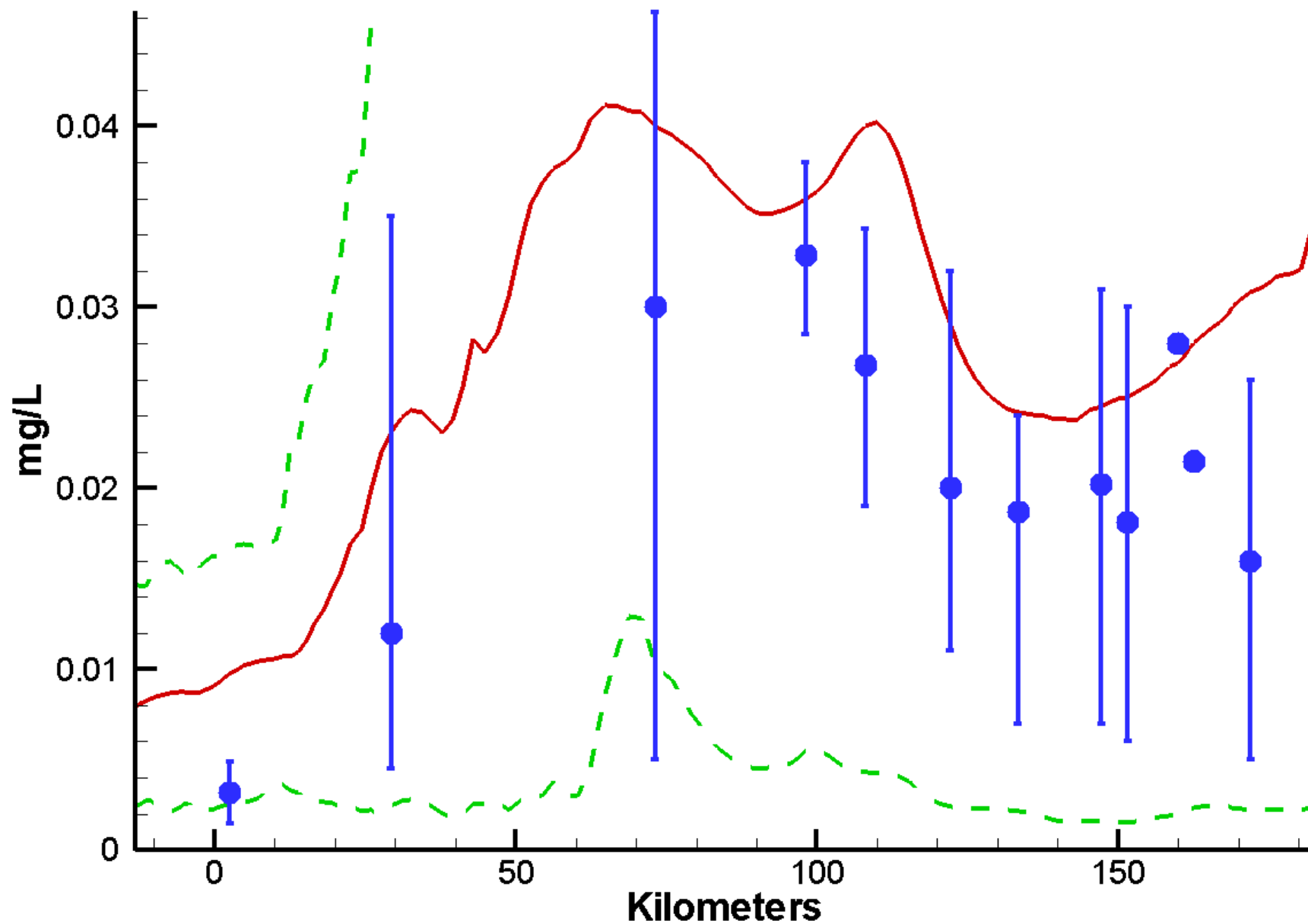
# Potomac River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1994



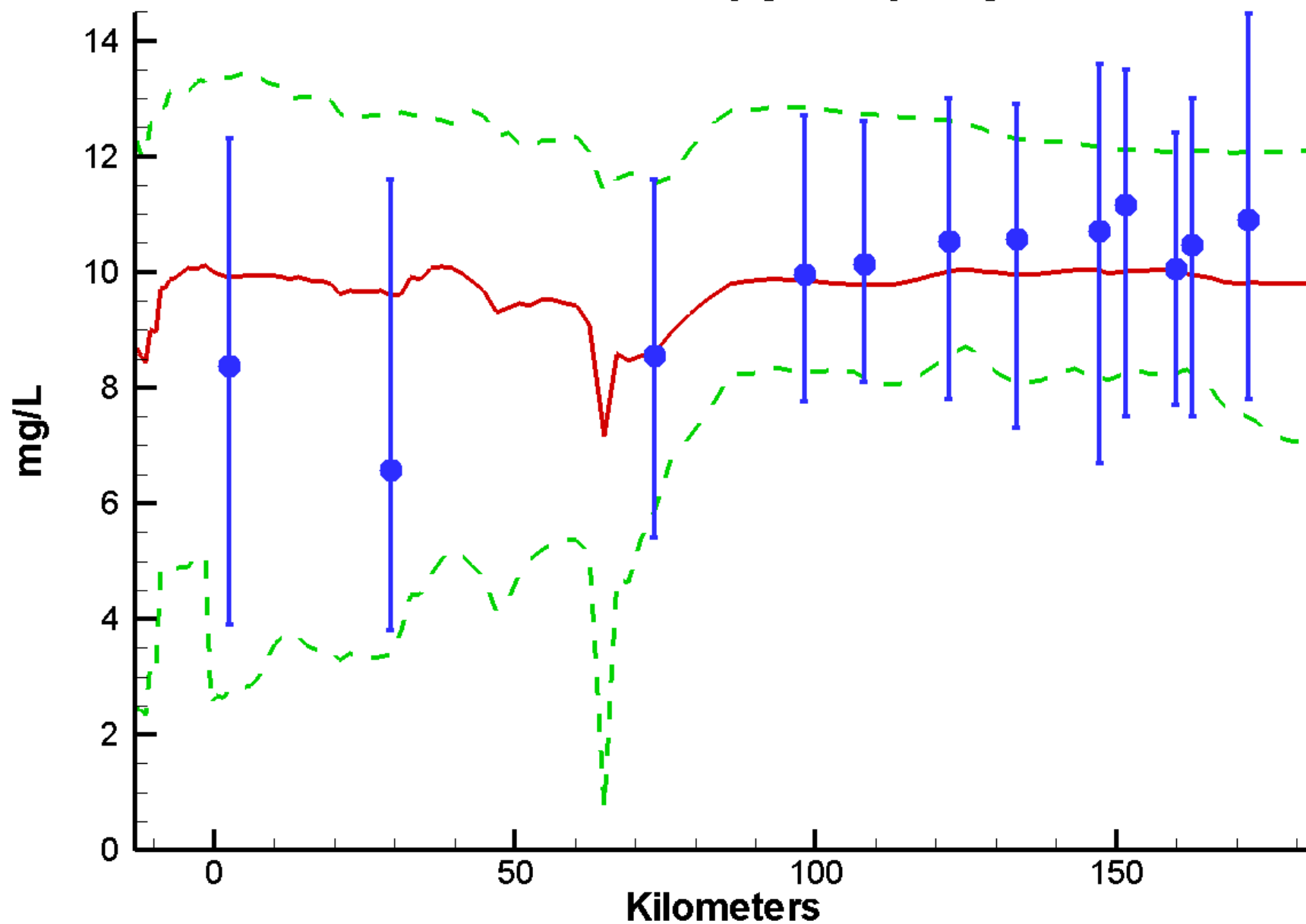
# Potomac River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1994



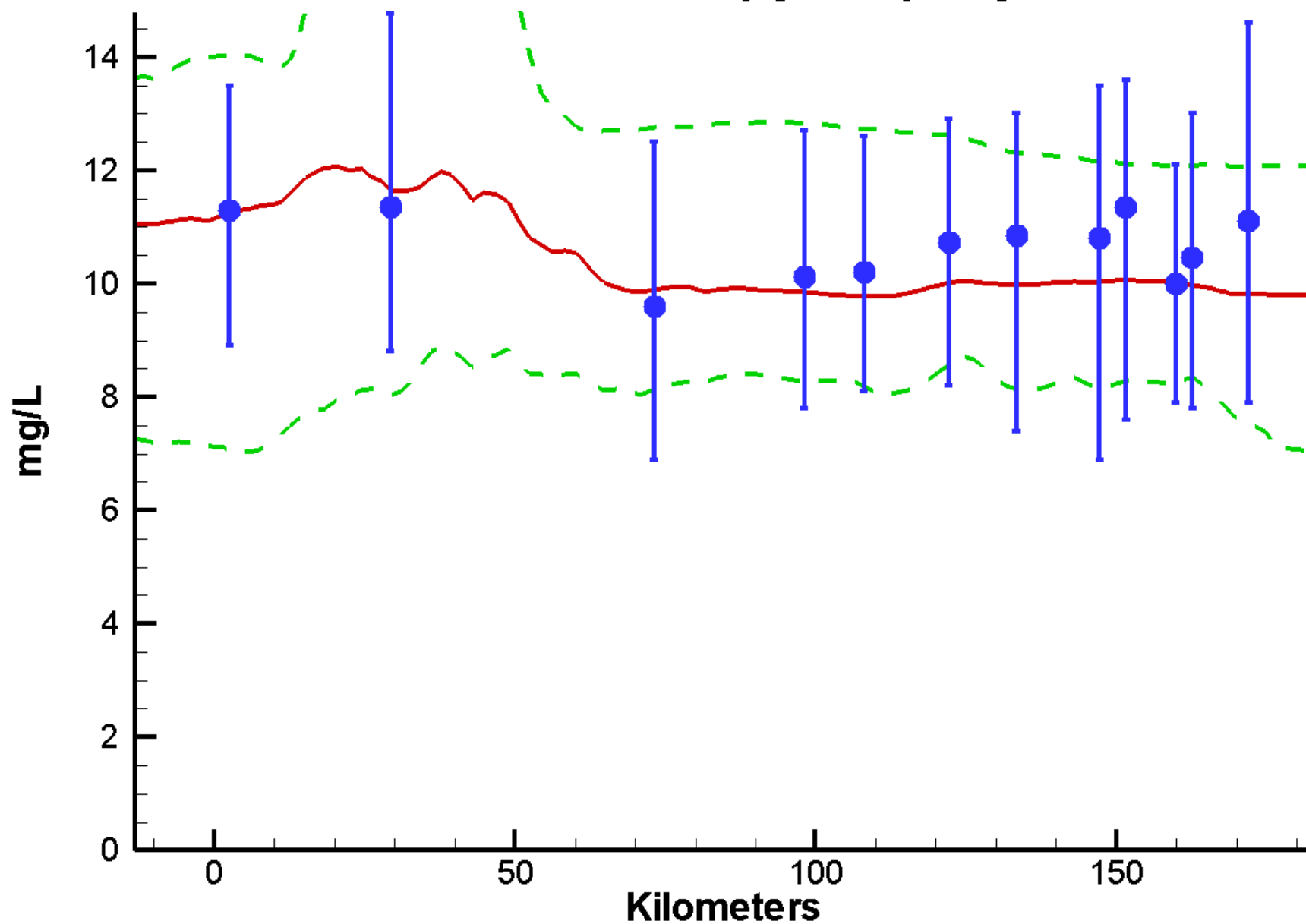
# Potomac River Ches2015 Run118

## Bottom Dissolved Oxygen Spring 1994



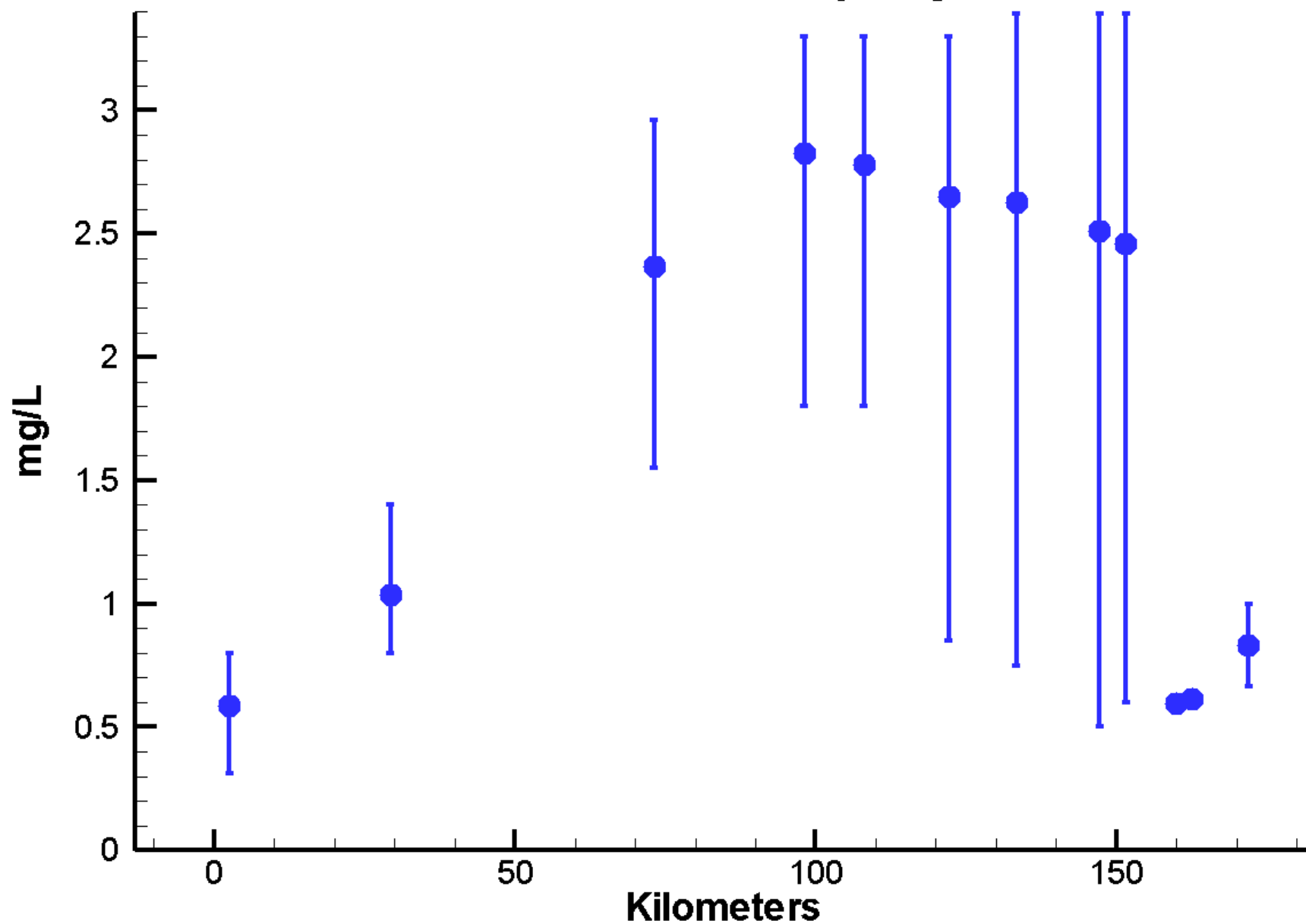
# Potomac River Ches2015 Run118

## Surface Dissolved Oxygen Spring 1994



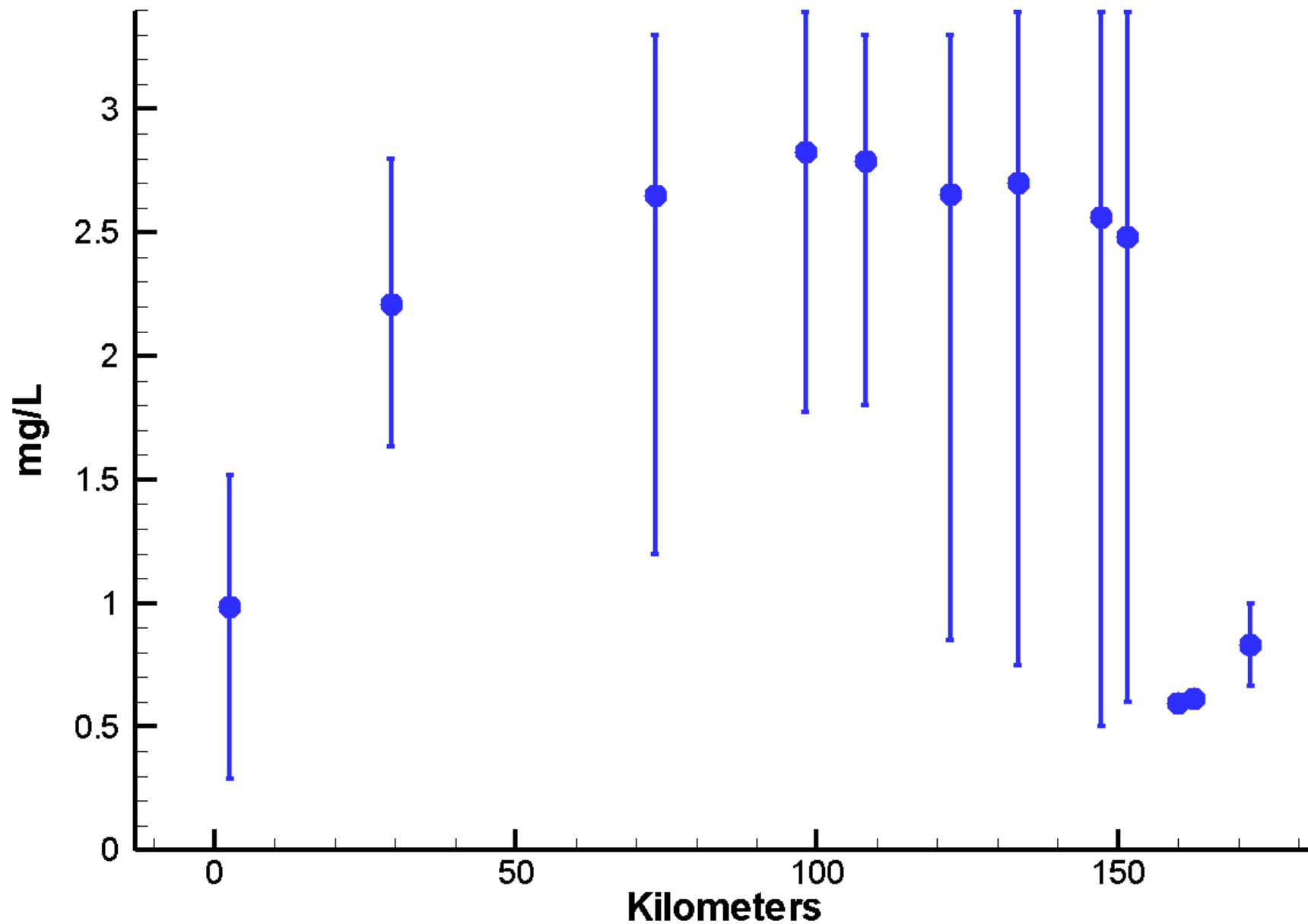
# Potomac River Ches2015 Run118

## Bottom Dissolved Silica Spring 1994



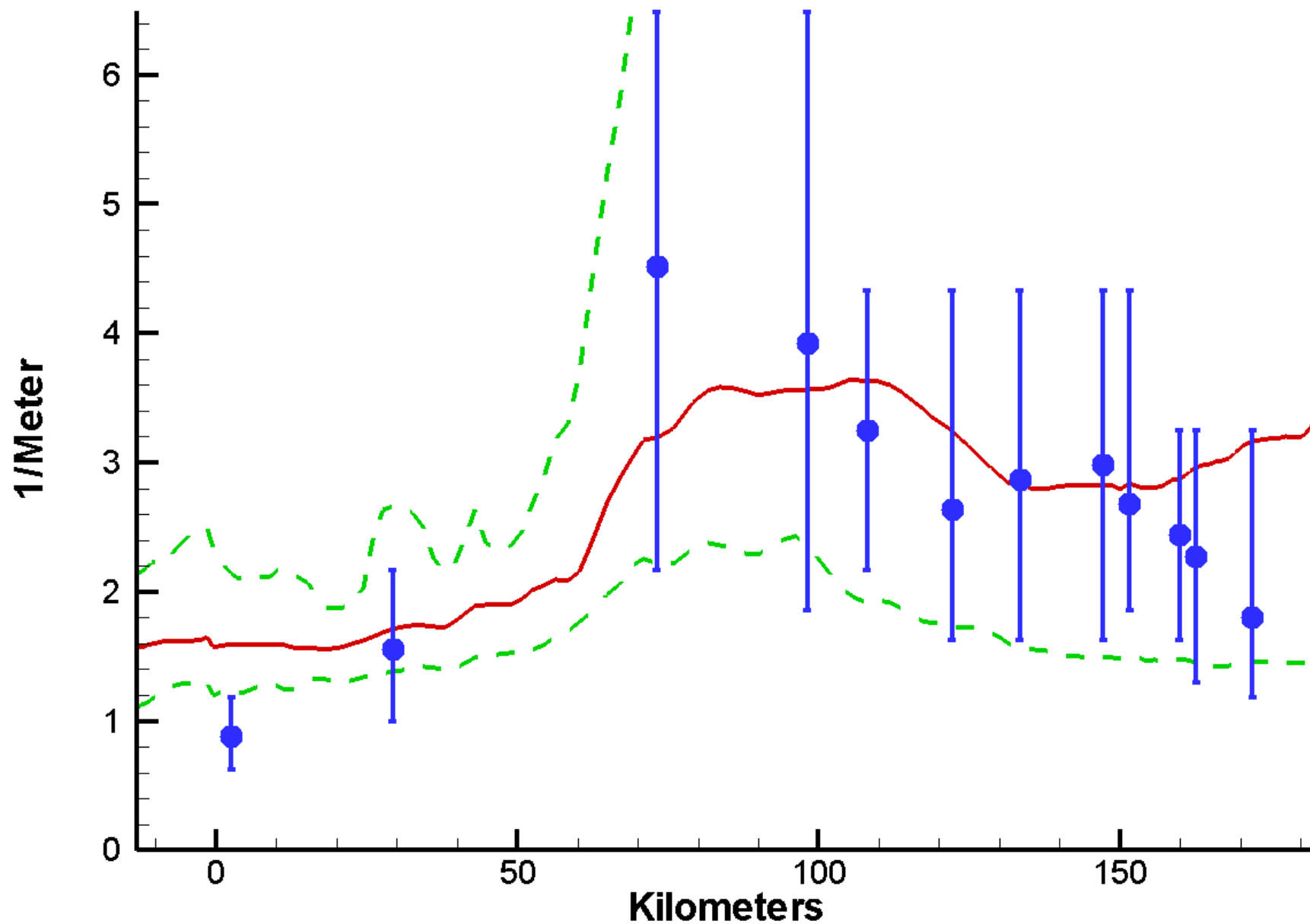
# Potomac River Ches2015 Run118

## Surface Dissolved Silica Spring 1994



# Potomac River Ches2015 Run118

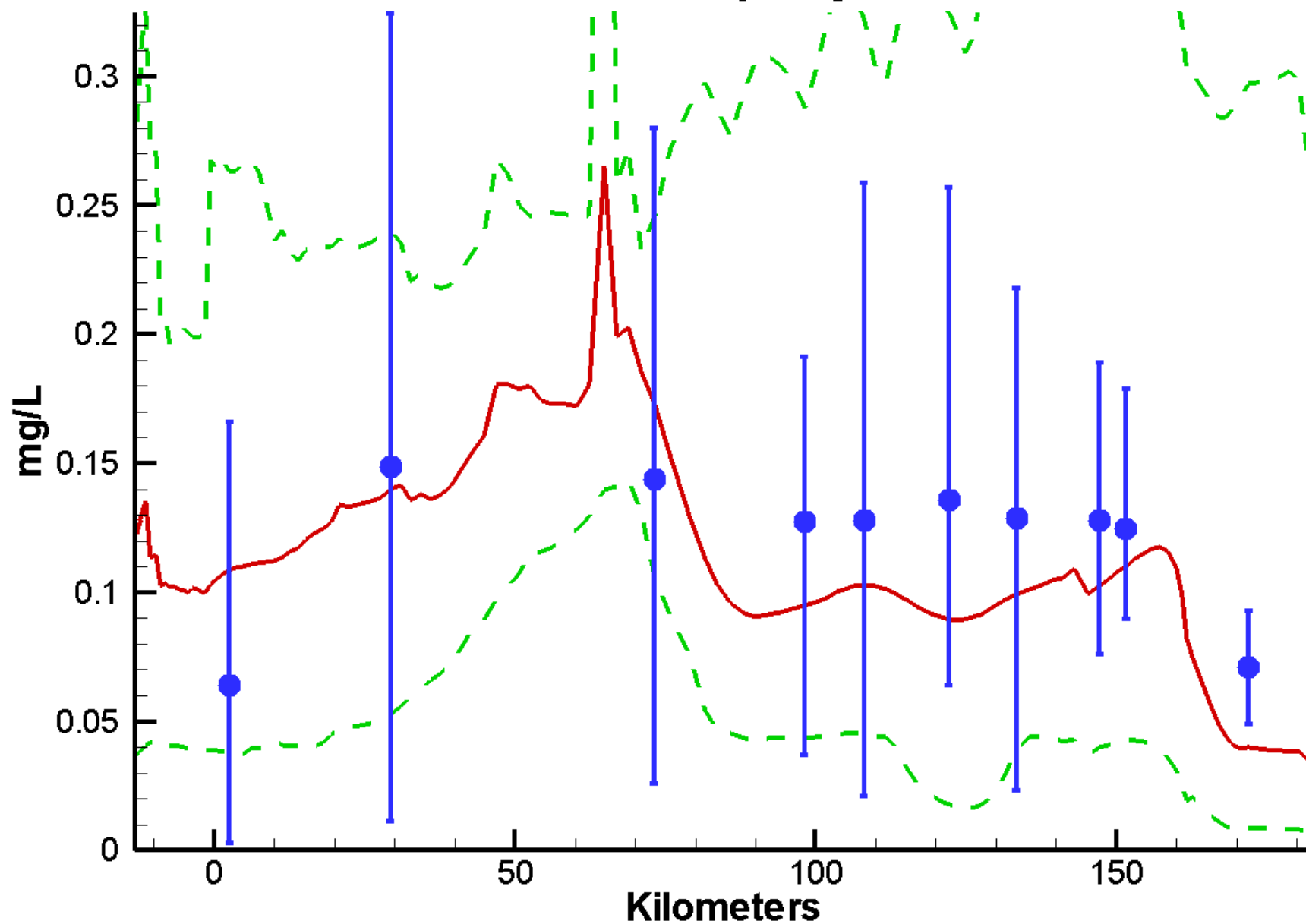
## Surface Light Extinction Spring 1994





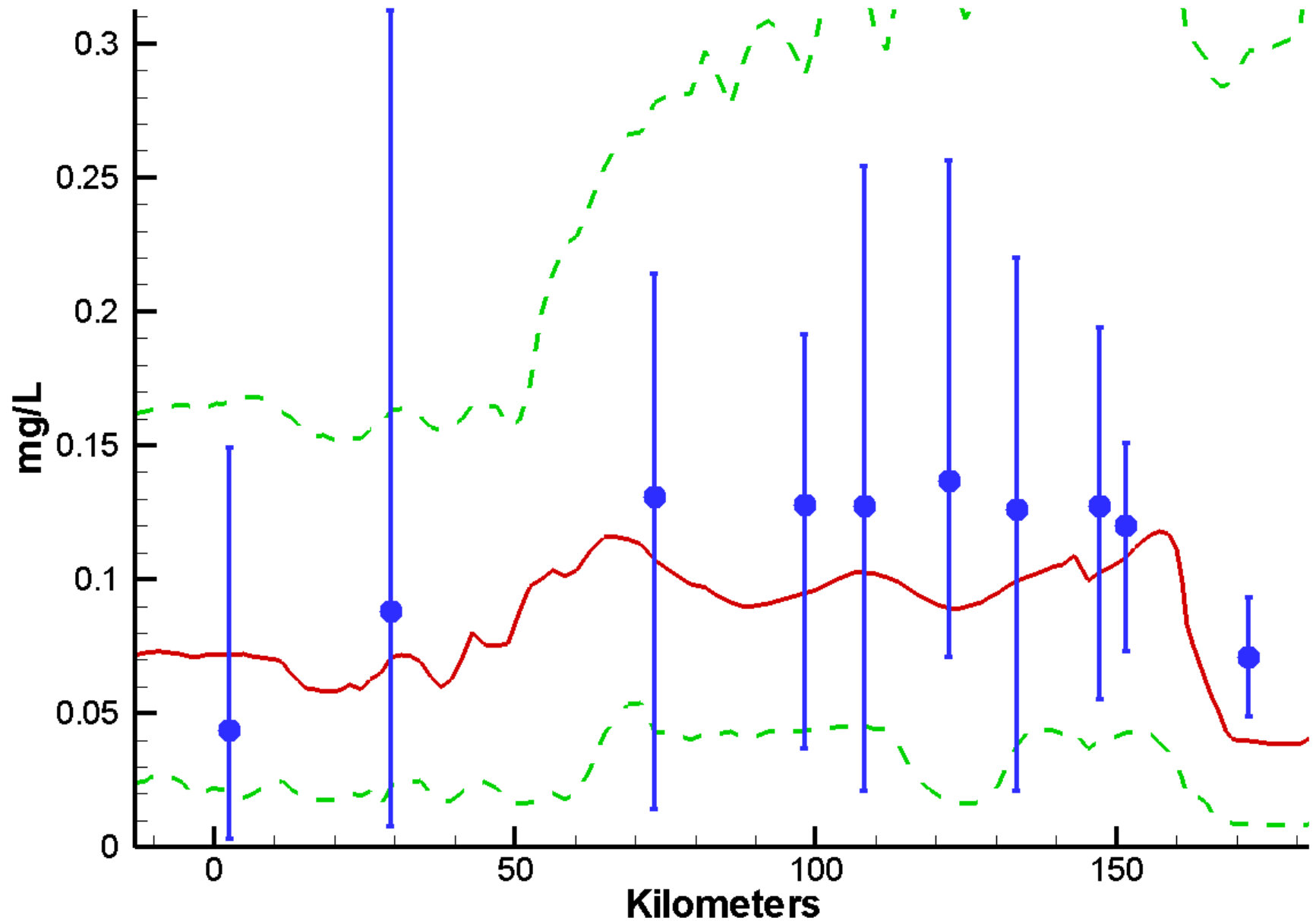
# Potomac River Ches2015 Run118

## Bottom Ammonium Spring 1994



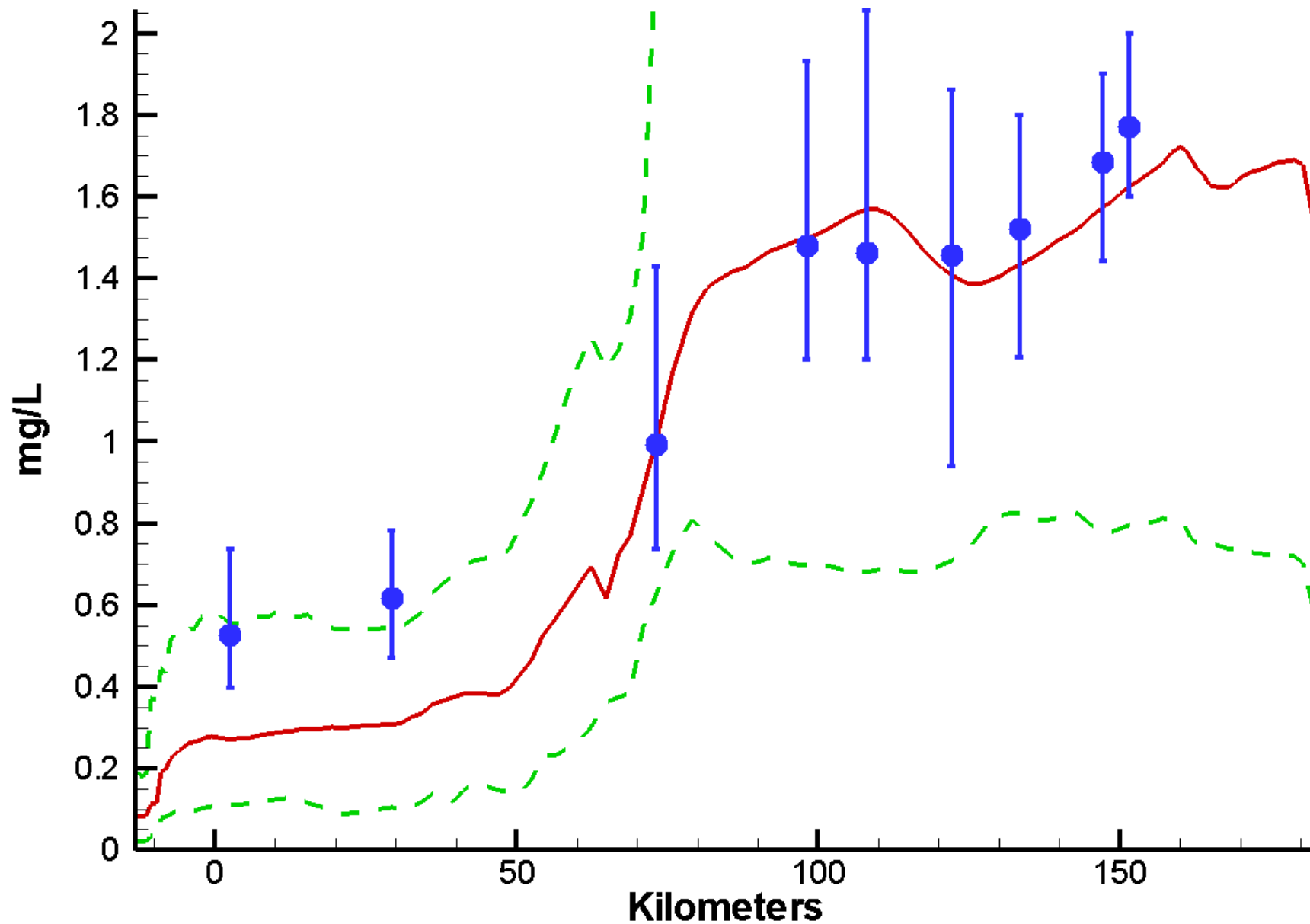
# Potomac River Ches2015 Run118

## Surface Ammonium Spring 1994



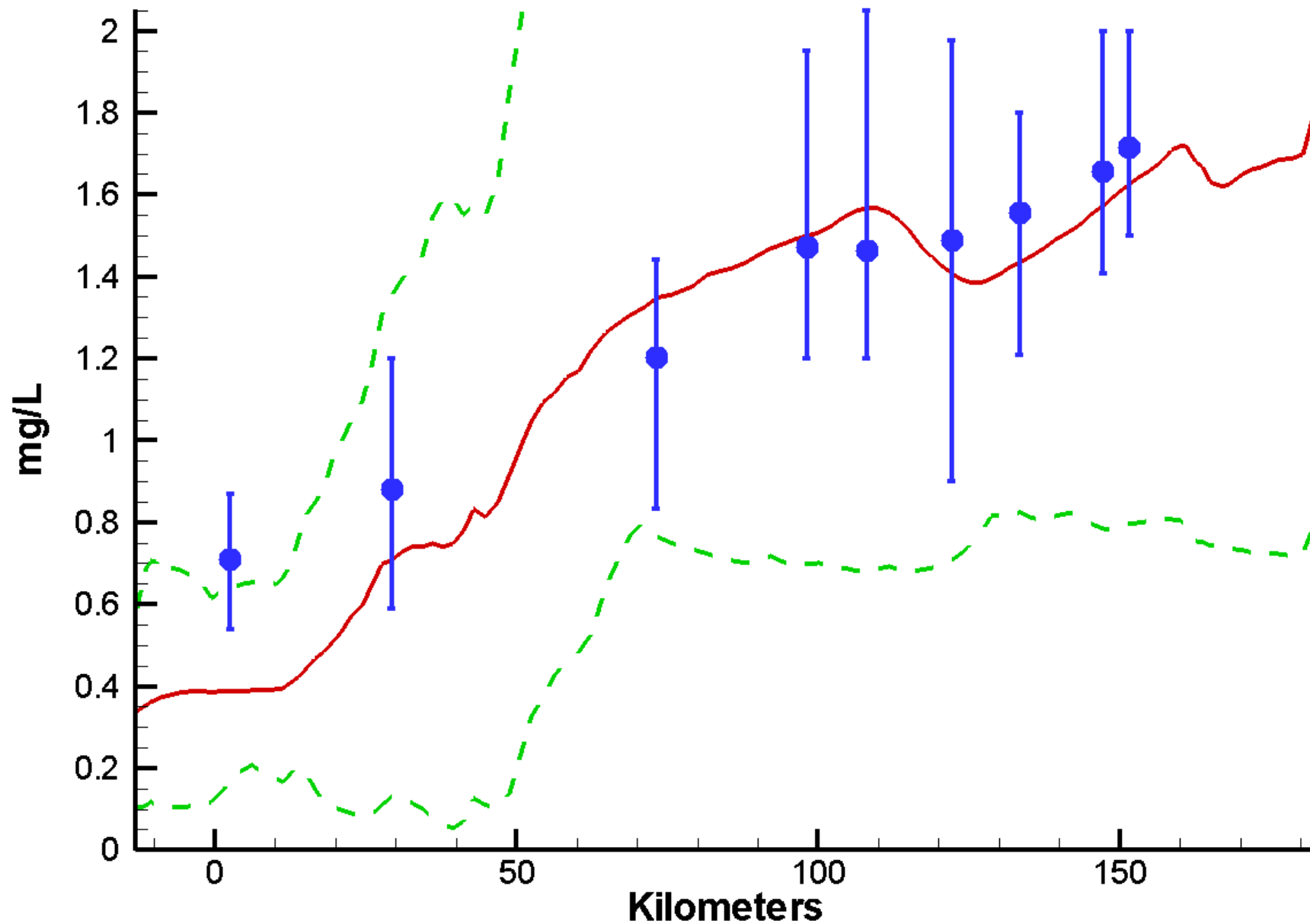
# Potomac River Ches2015 Run118

## Bottom Nitrate Spring 1994



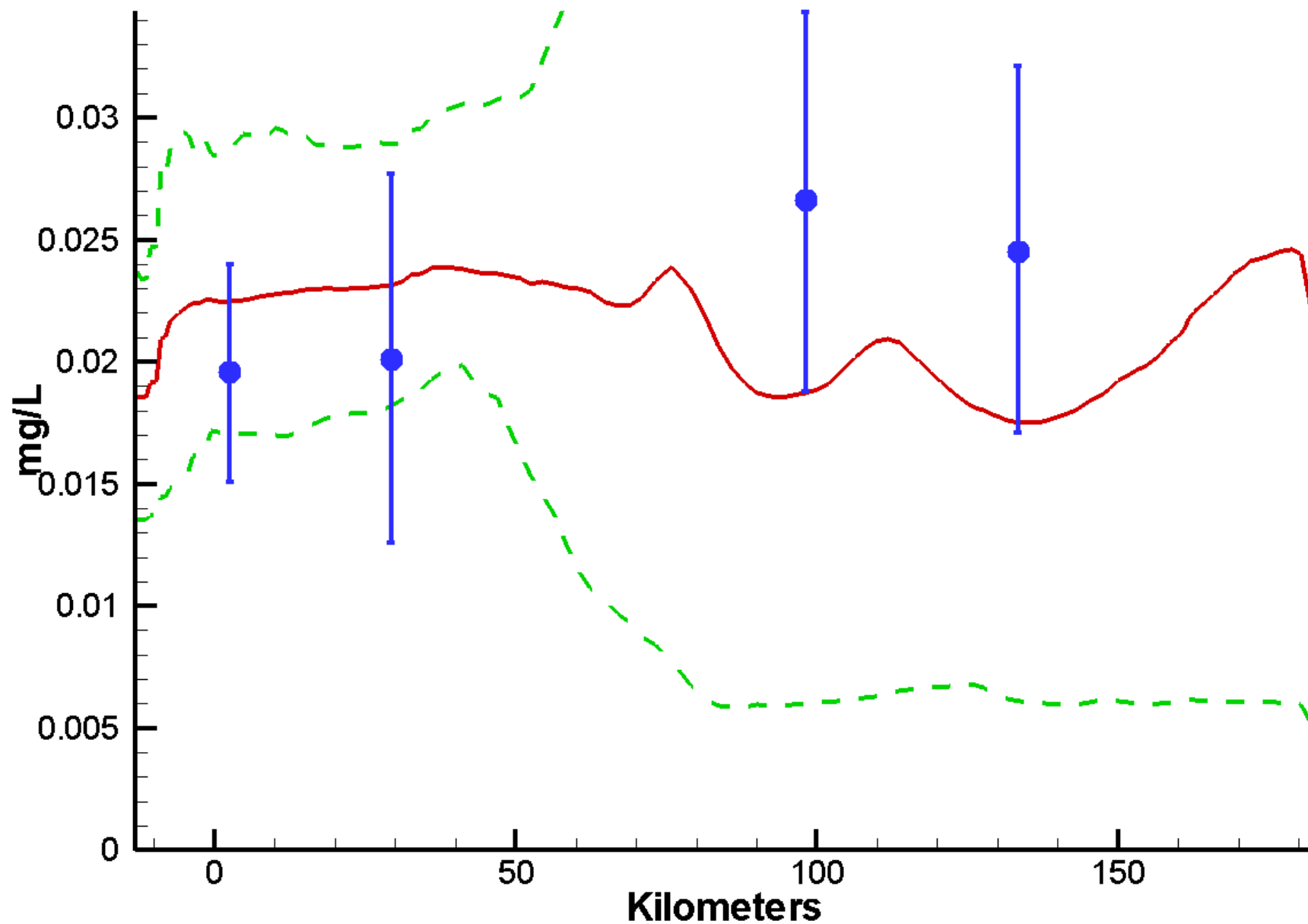
# Potomac River Ches2015 Run118

## Surface Nitrate Spring 1994



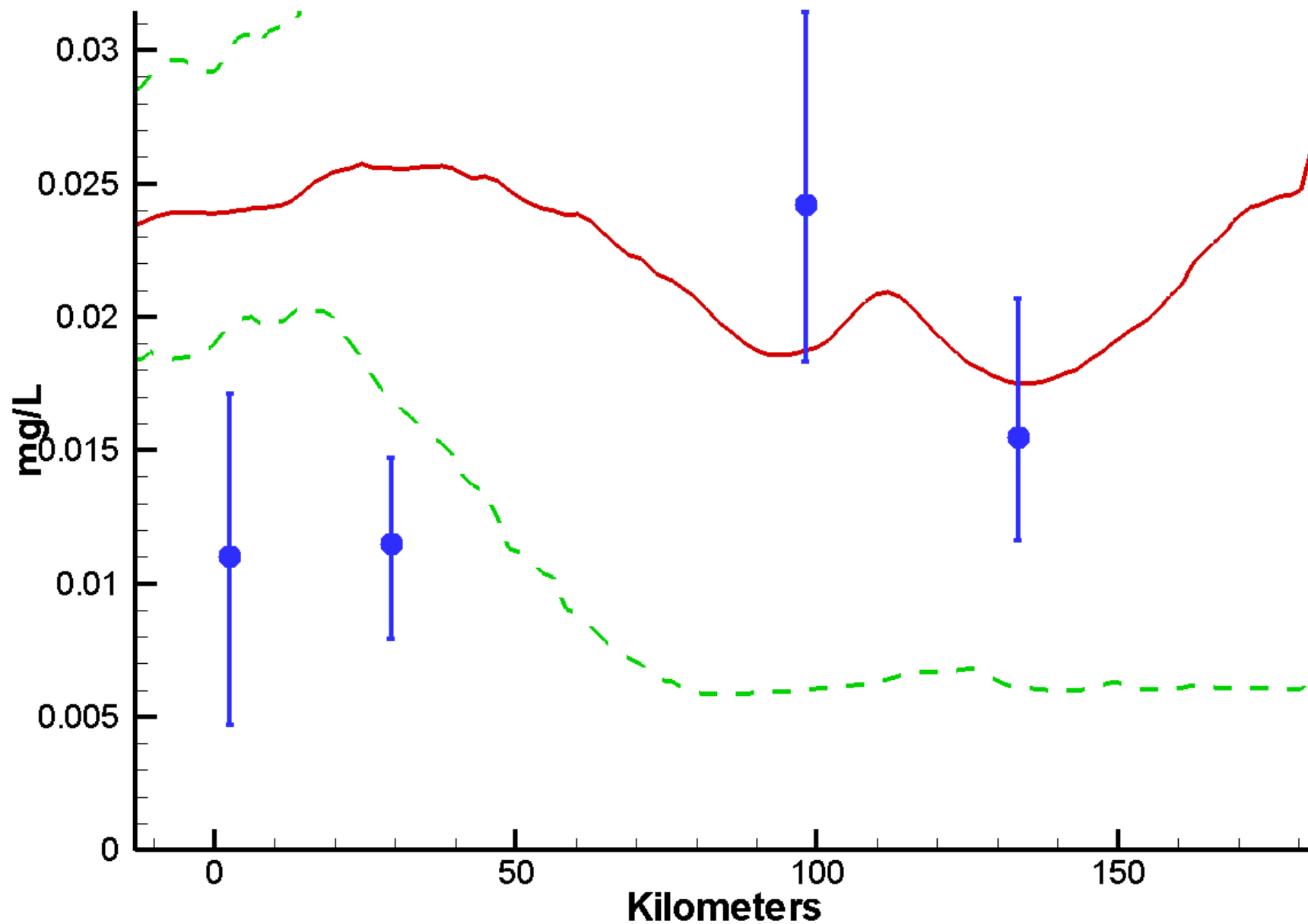
# Potomac River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1994



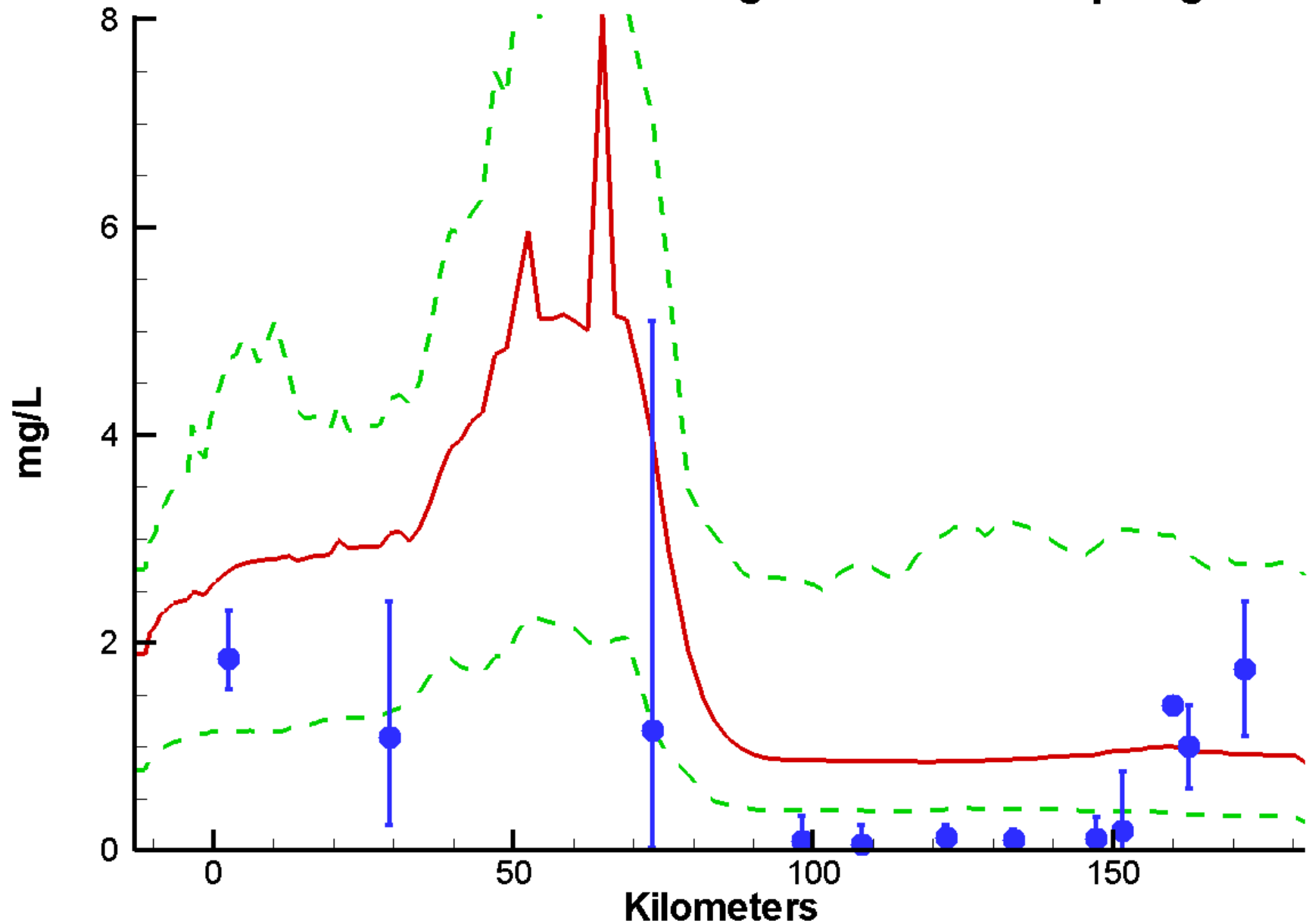
# Potomac River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1994



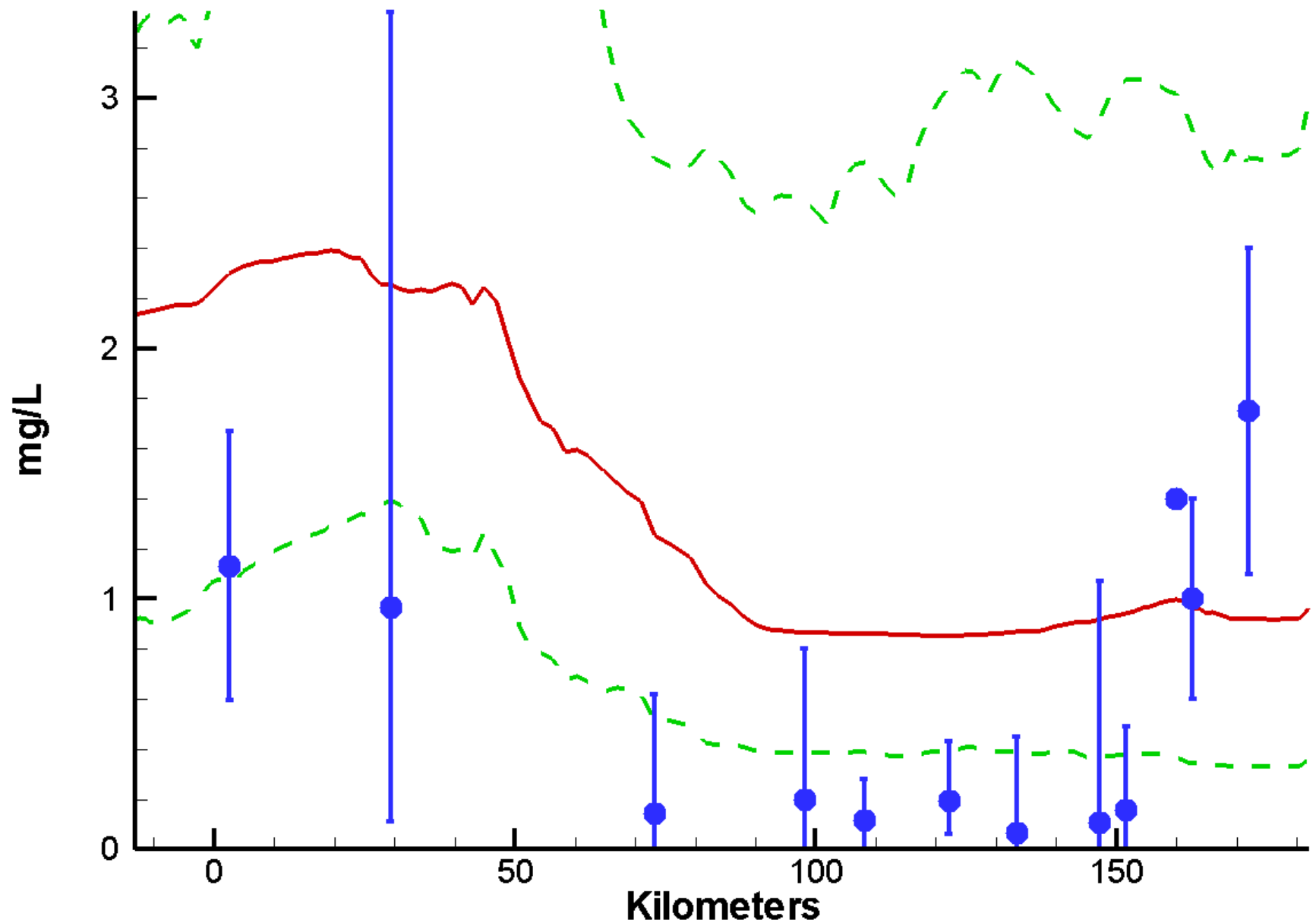
# Potomac River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1994



# Potomac River Ches2015 Run118

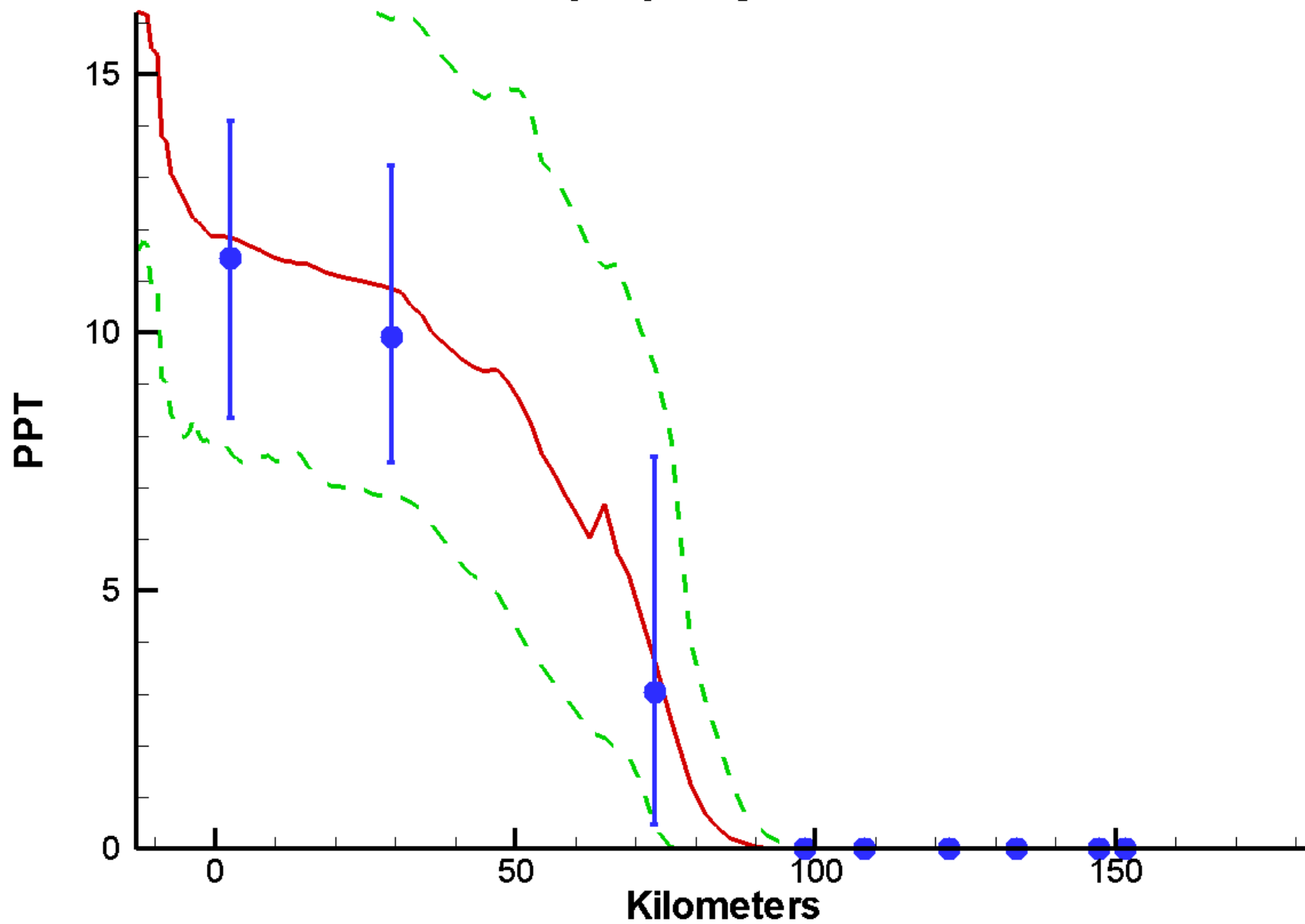
## Surface Particulate Organic Carbon Spring 1994





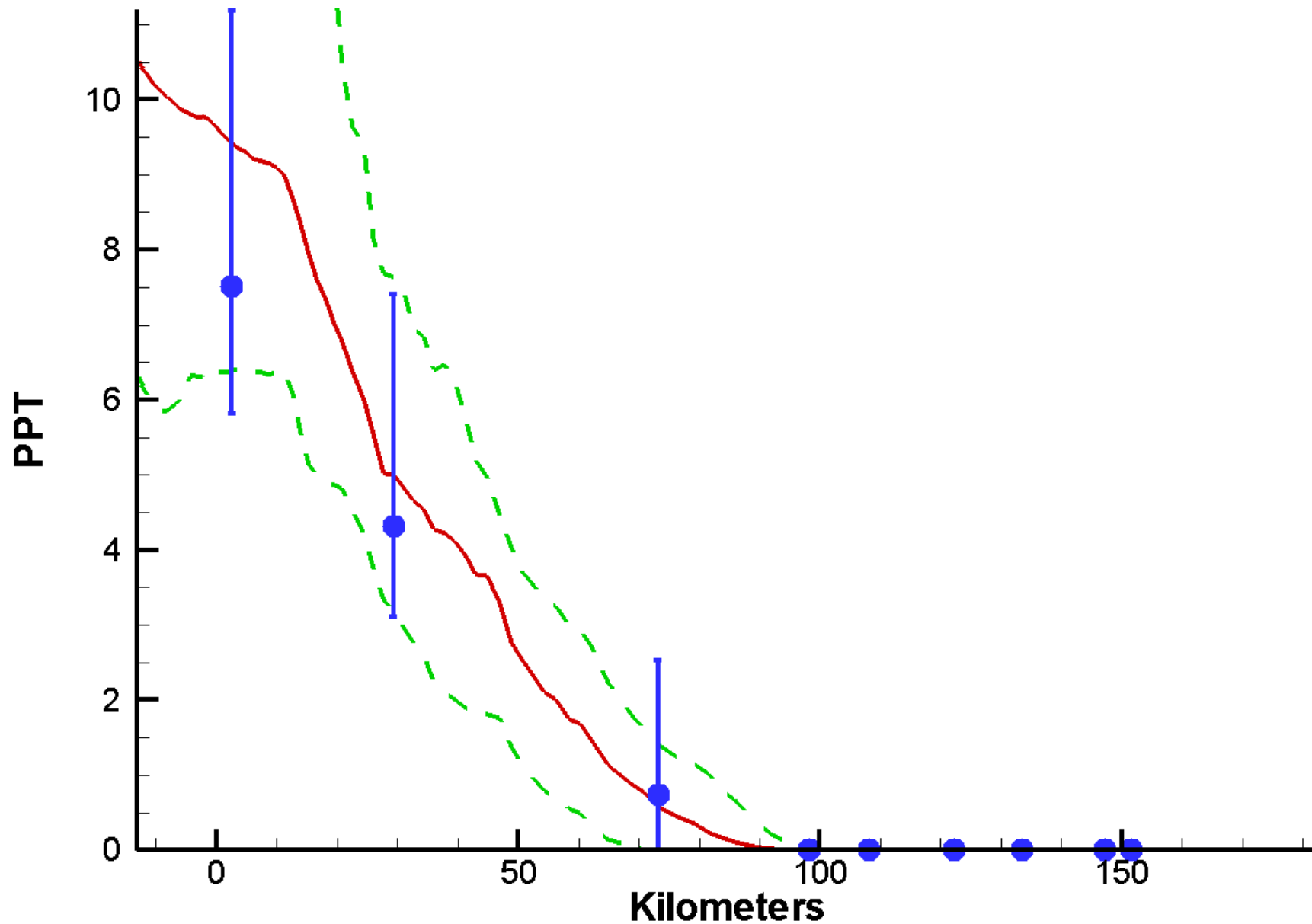
# Potomac River Ches2015 Run118

## Bottom Salinity Spring 1994



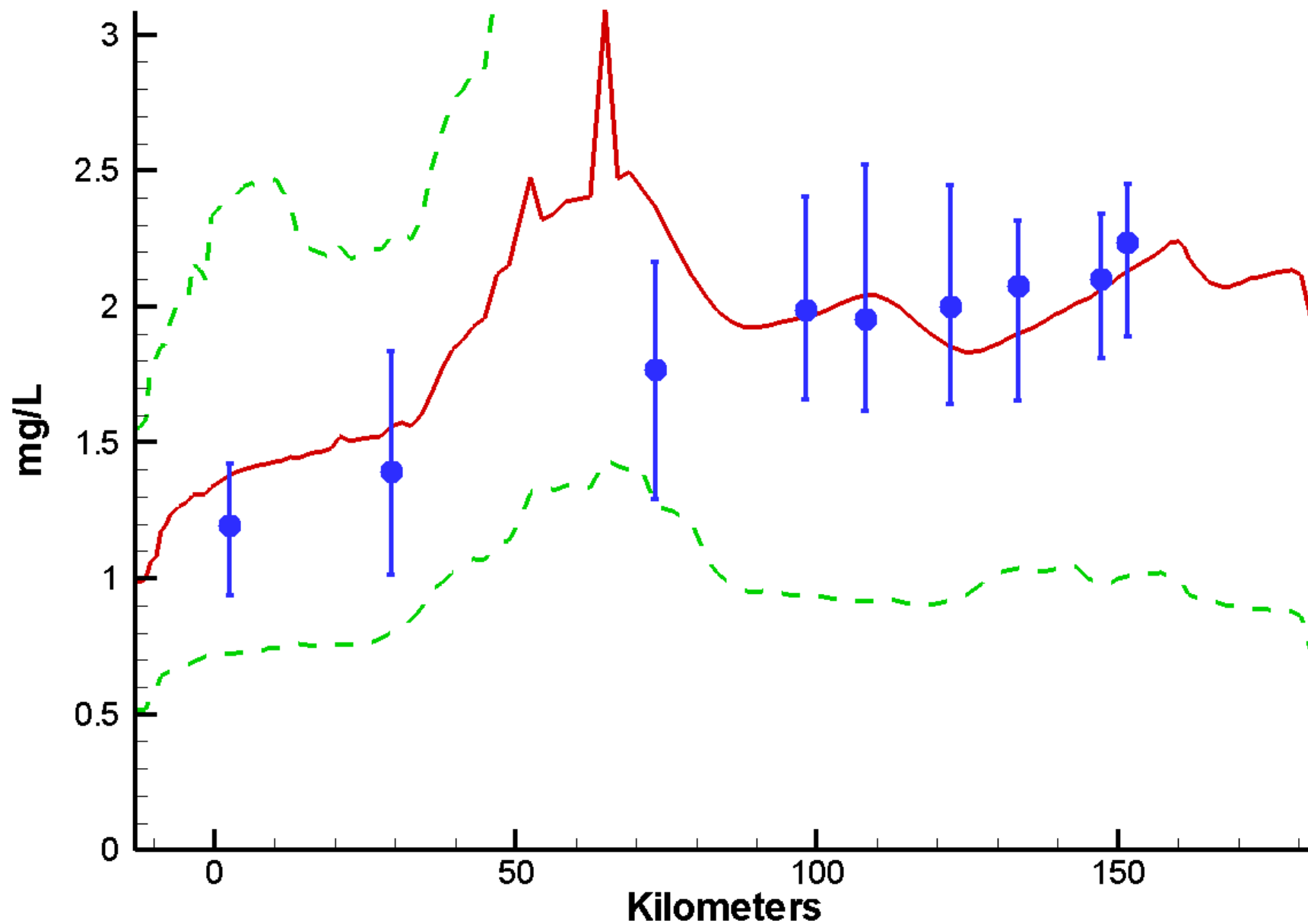
# Potomac River Ches2015 Run118

## Surface Salinity Spring 1994



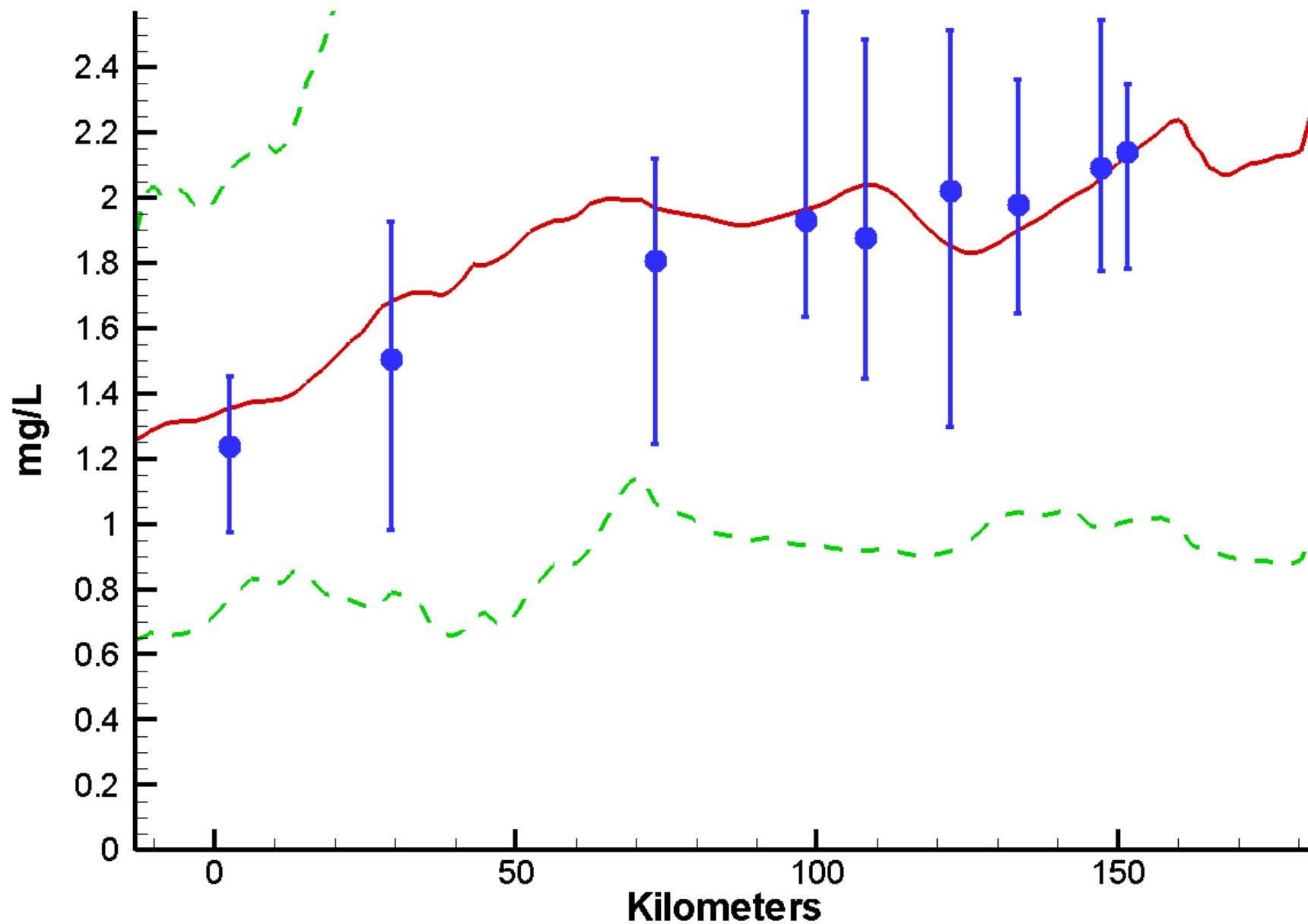
# Potomac River Ches2015 Run118

## Bottom Total Nitrogen Spring 1994



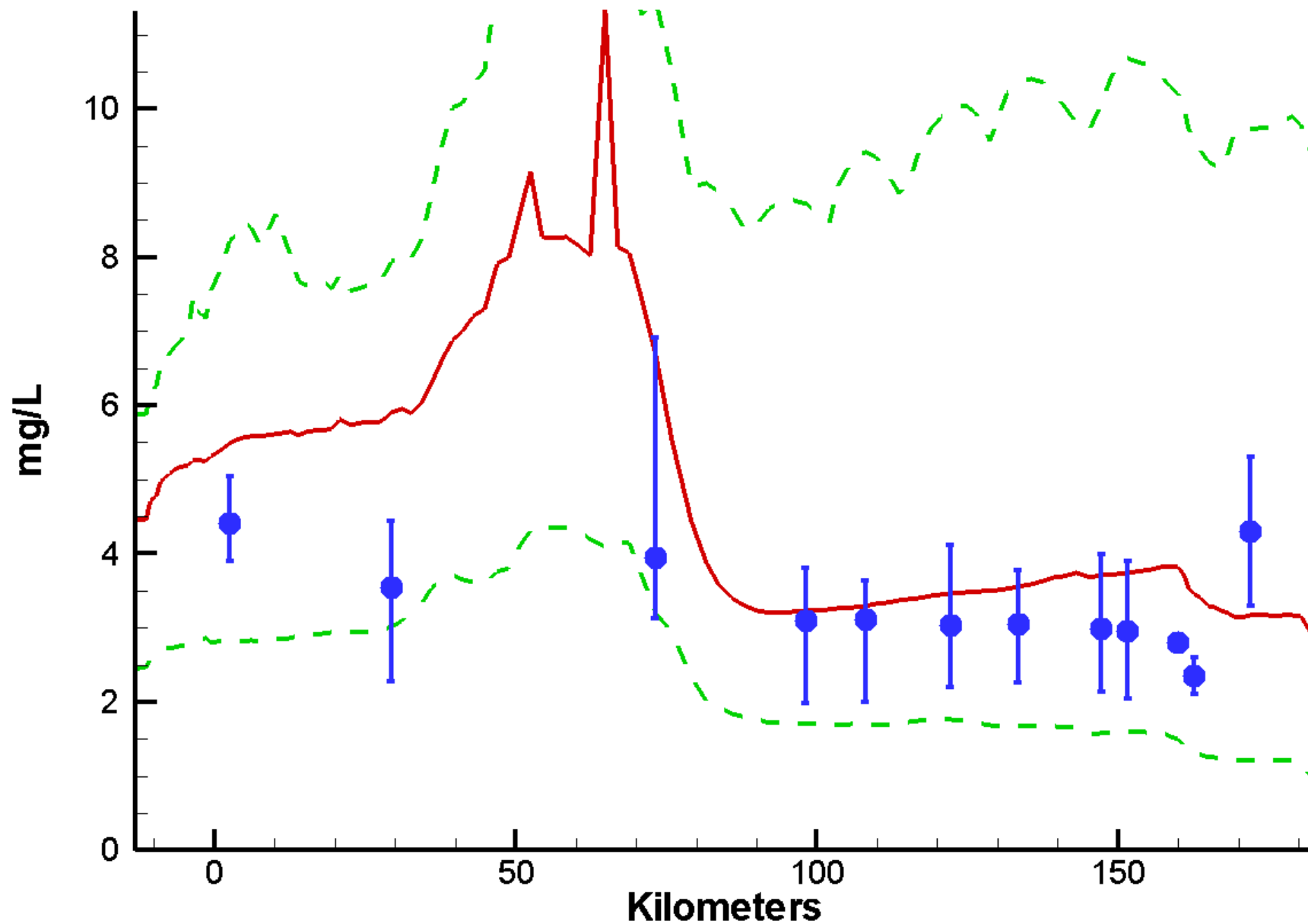
# Potomac River Ches2015 Run118

## Surface Total Nitrogen Spring 1994



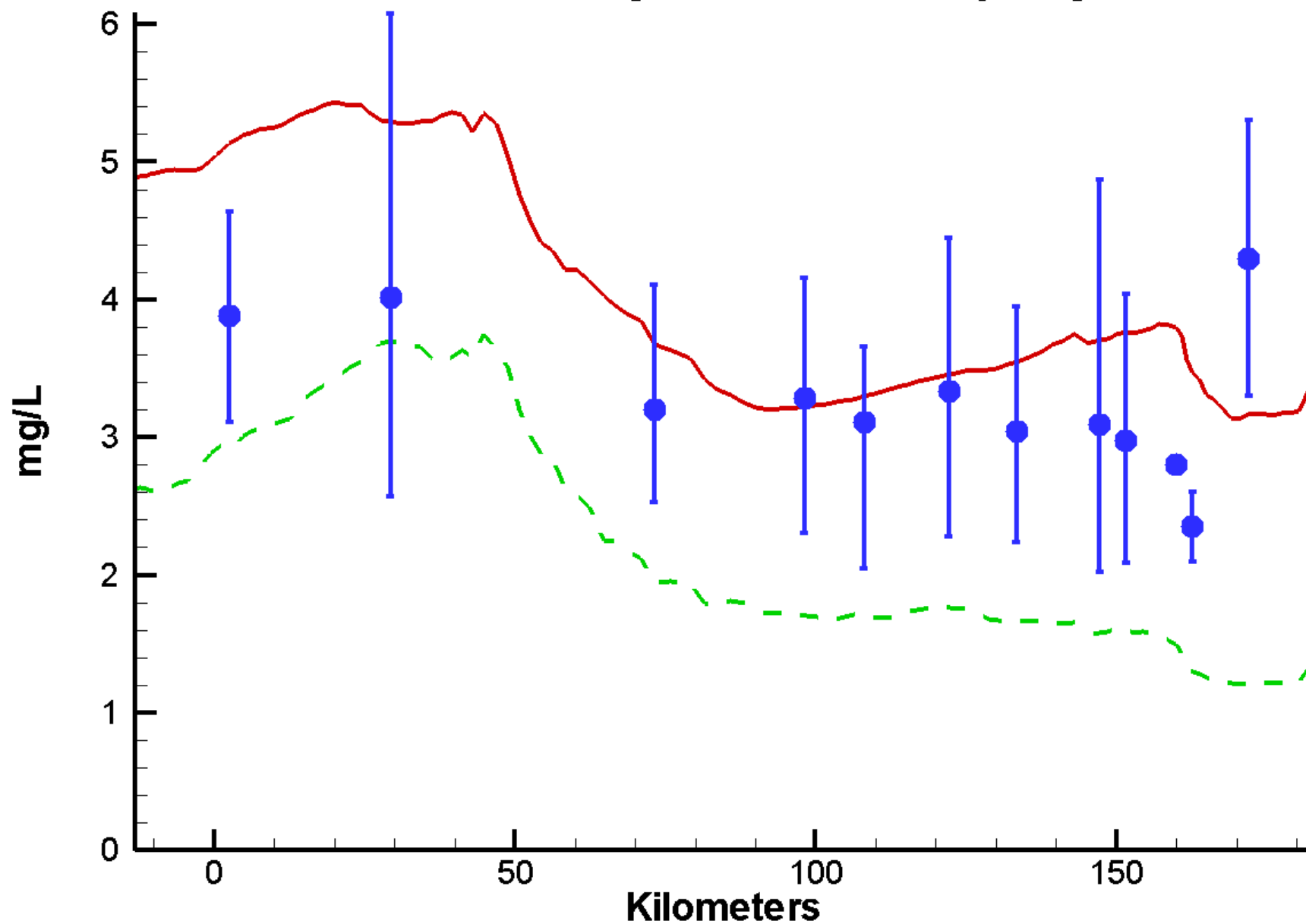
# Potomac River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1994



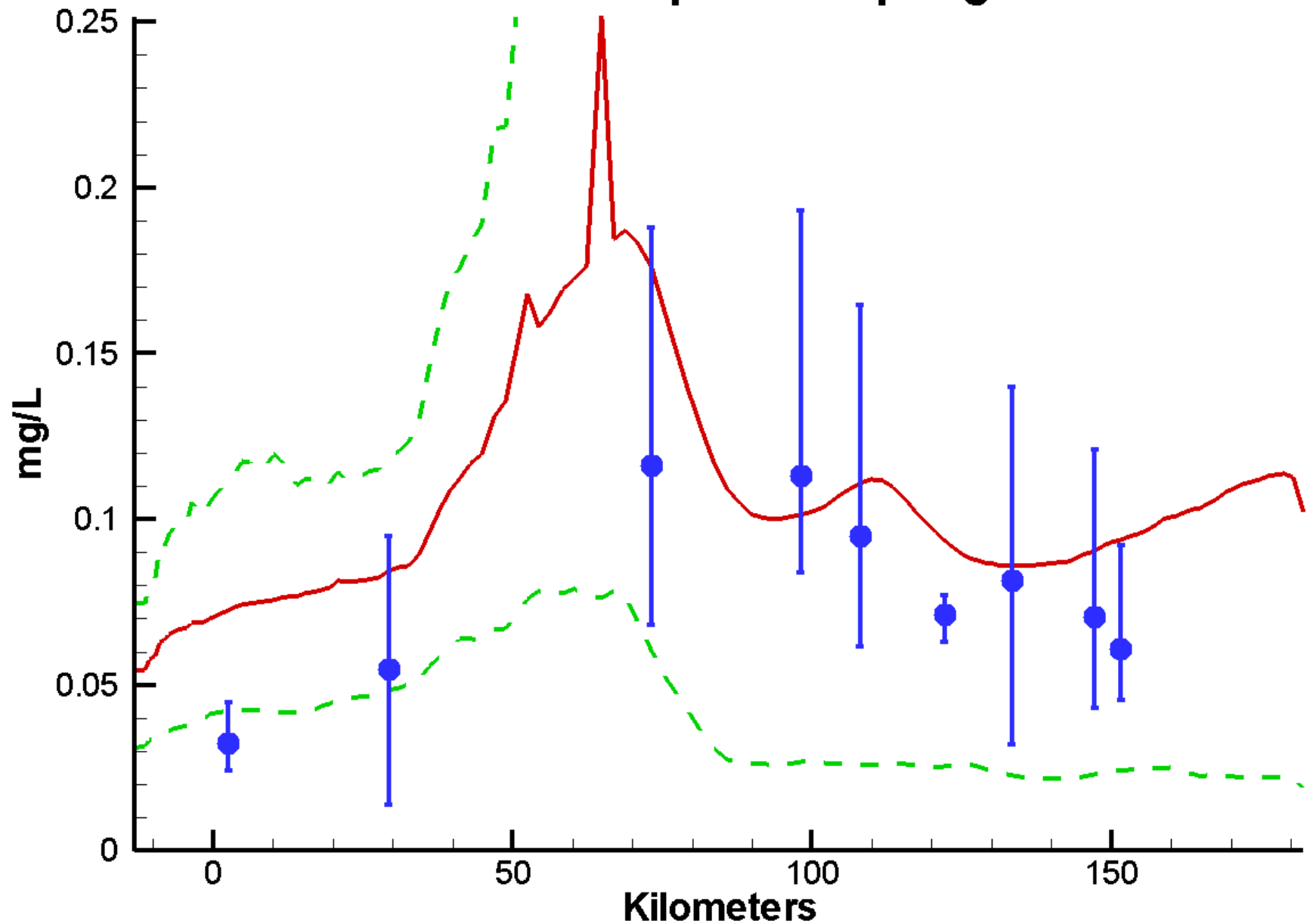
# Potomac River Ches2015 Run118

## Surface Total Organic Carbon Spring 1994



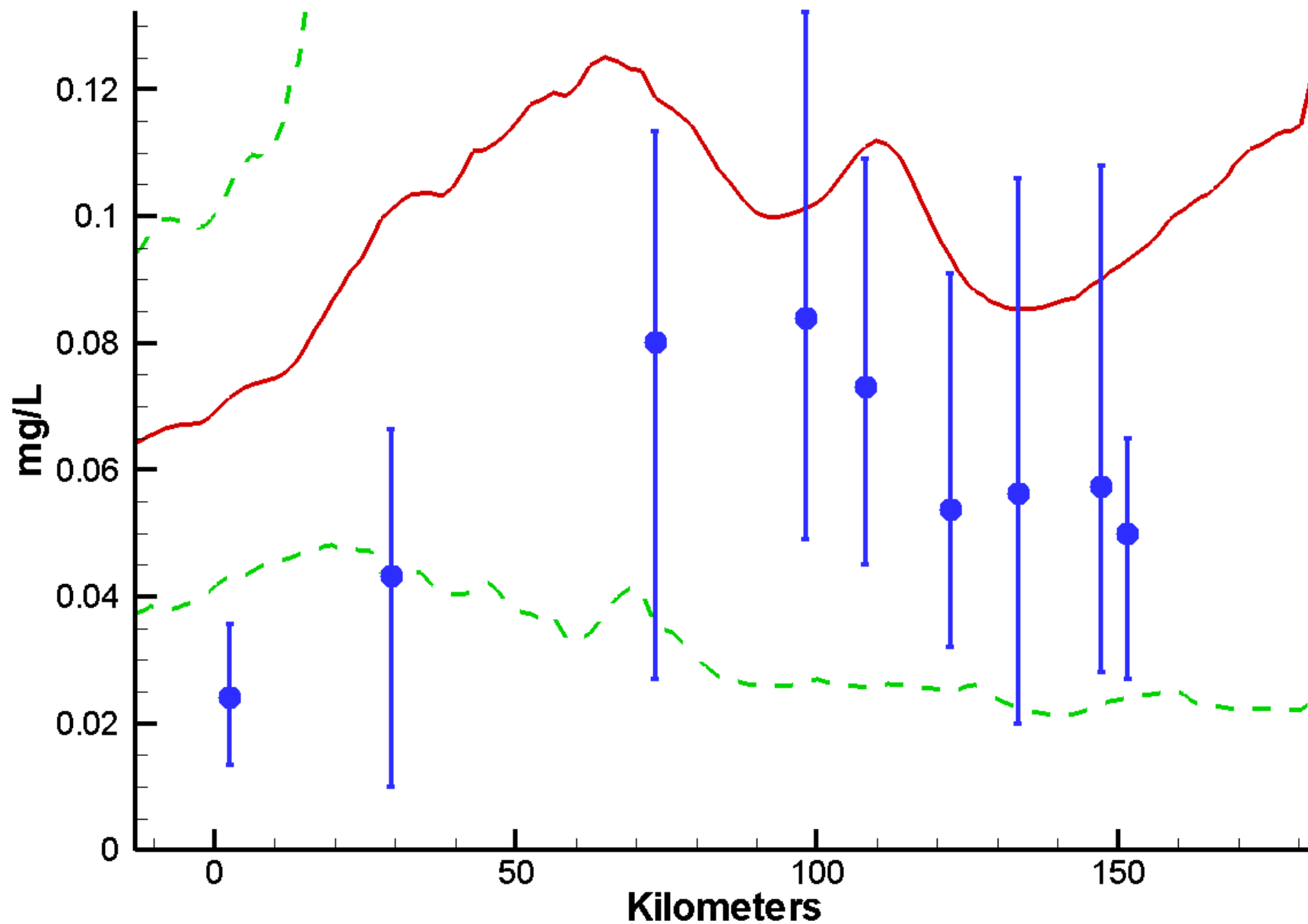
# Potomac River Ches2015 Run118

## Bottom Total Phosphorus Spring 1994



# Potomac River Ches2015 Run118

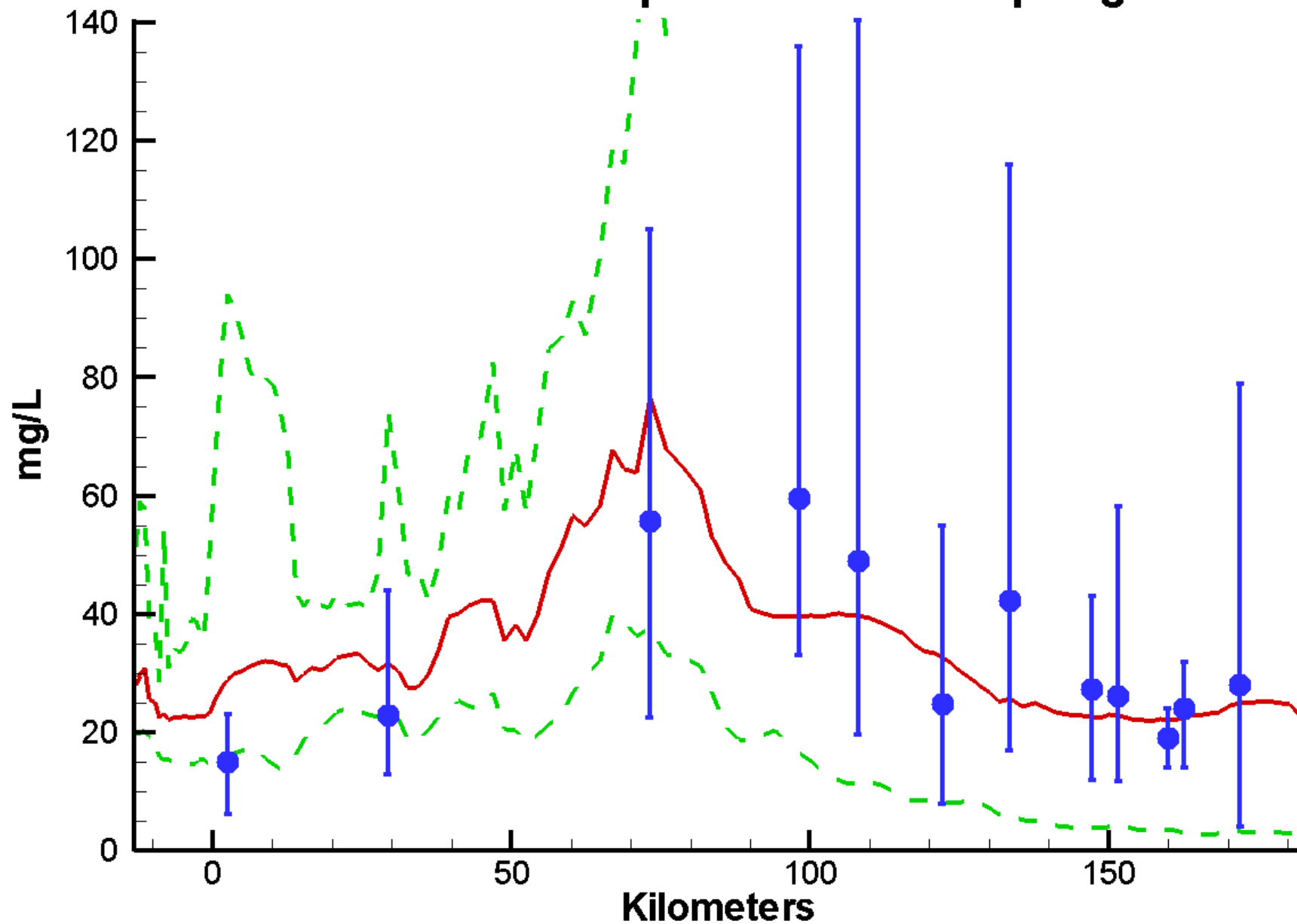
## Surface Total Phosphorus Spring 1994





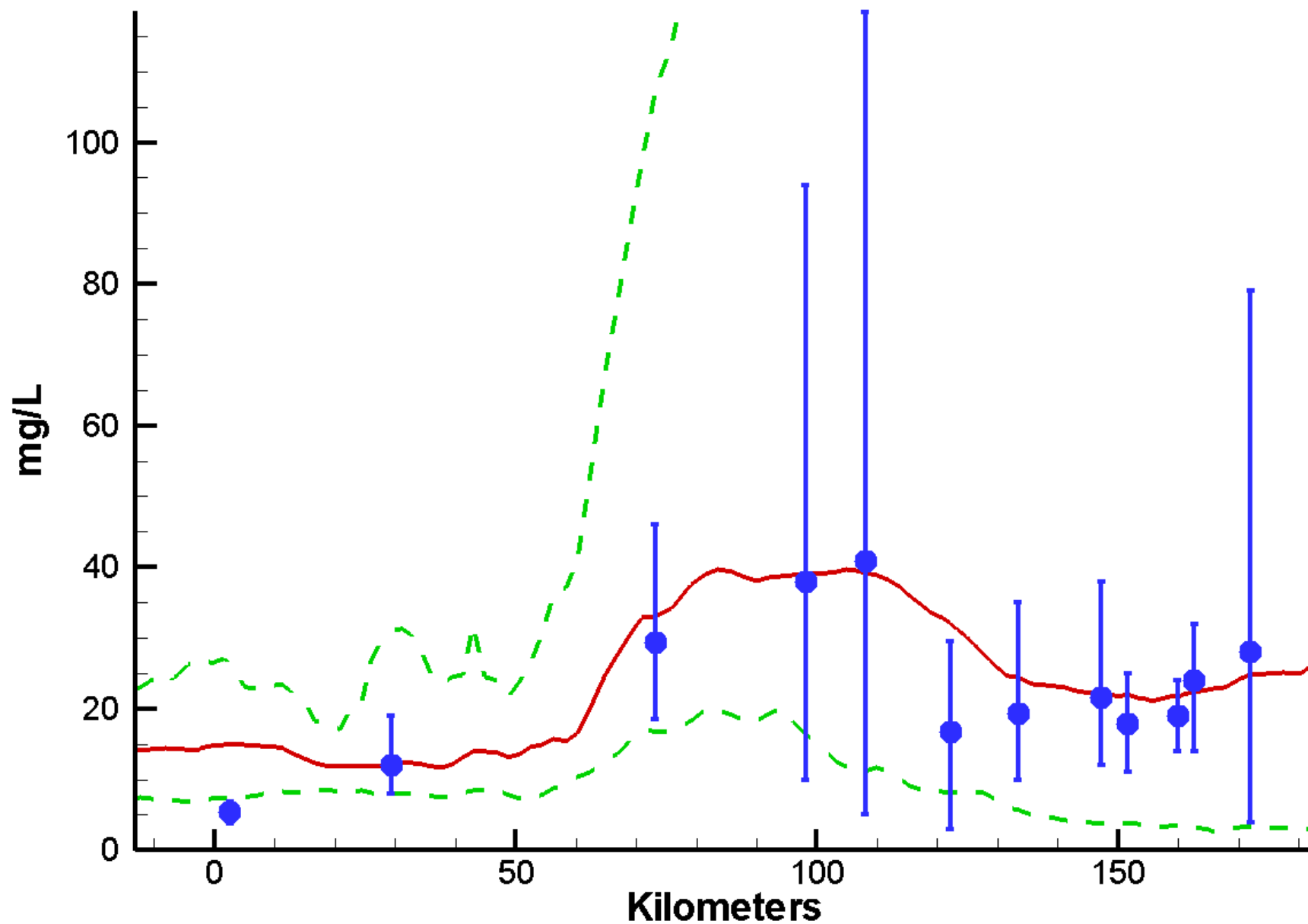
# Potomac River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1994



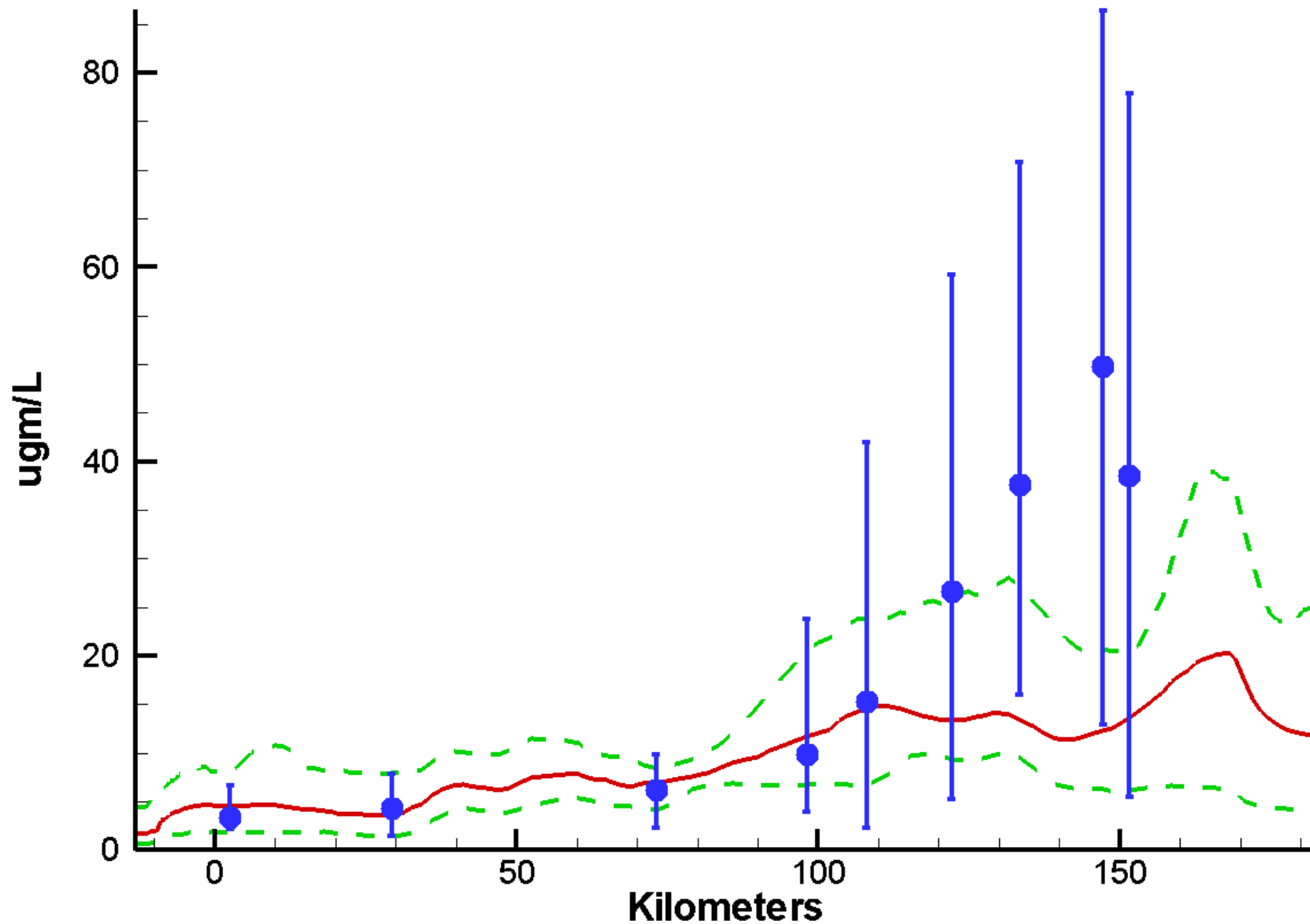
# Potomac River Ches2015 Run118

## Surface Total Suspended Solids Spring 1994

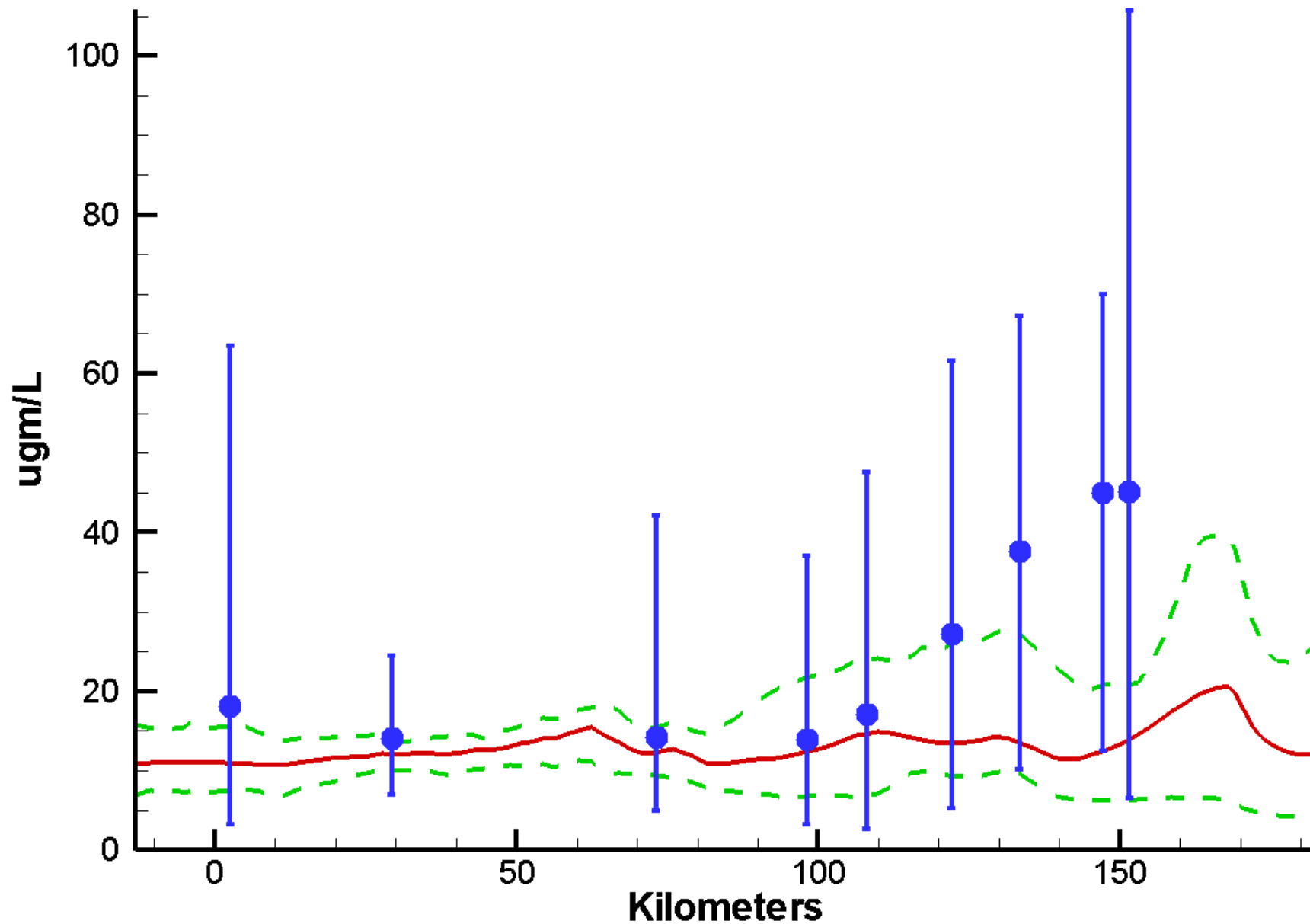


# Potomac River Ches2015 Run118

## Bottom Chlorophyll Summer 1994

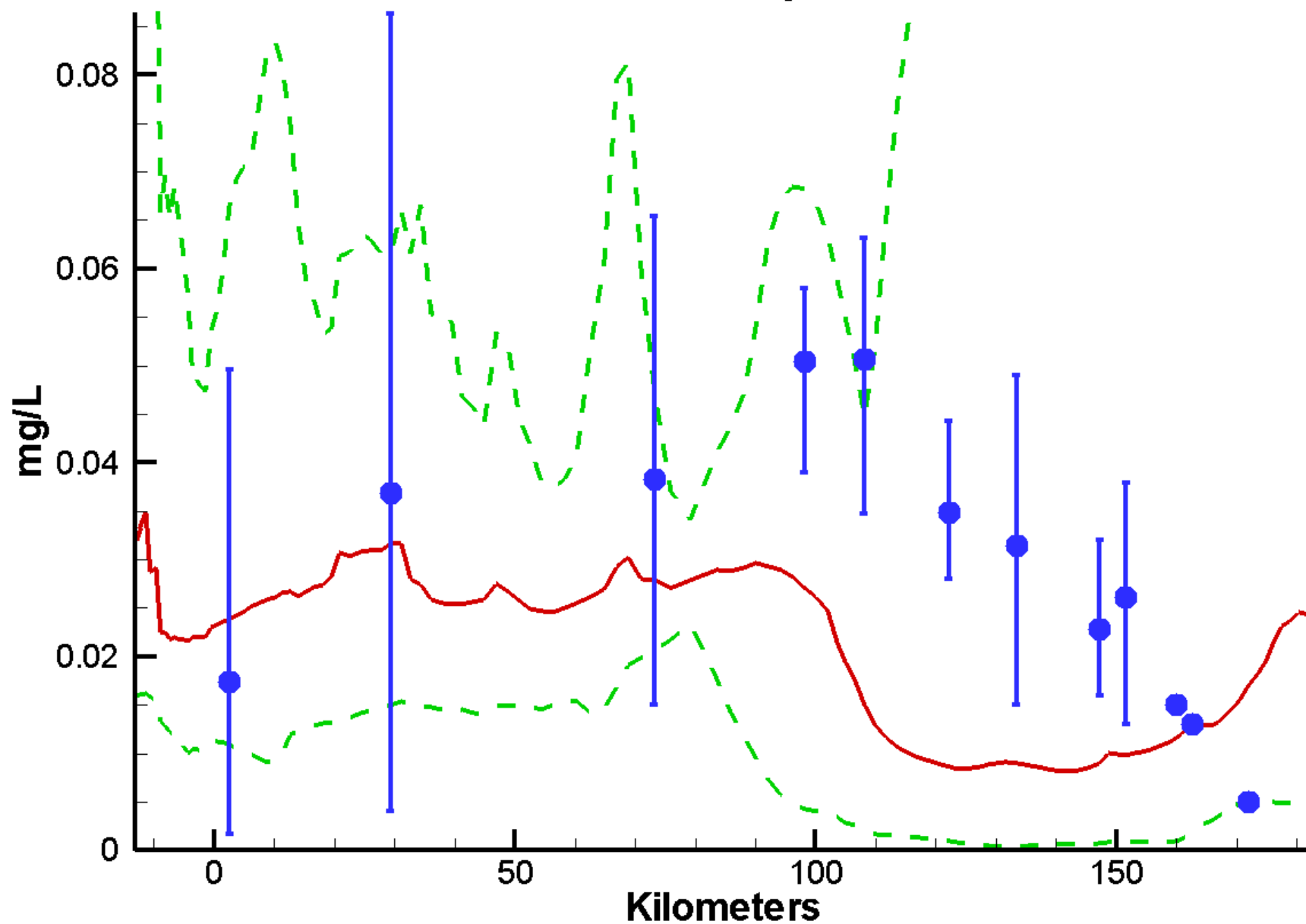


# Potomac River Ches2015 Run118 Surface Chlorophyll Summer 1994



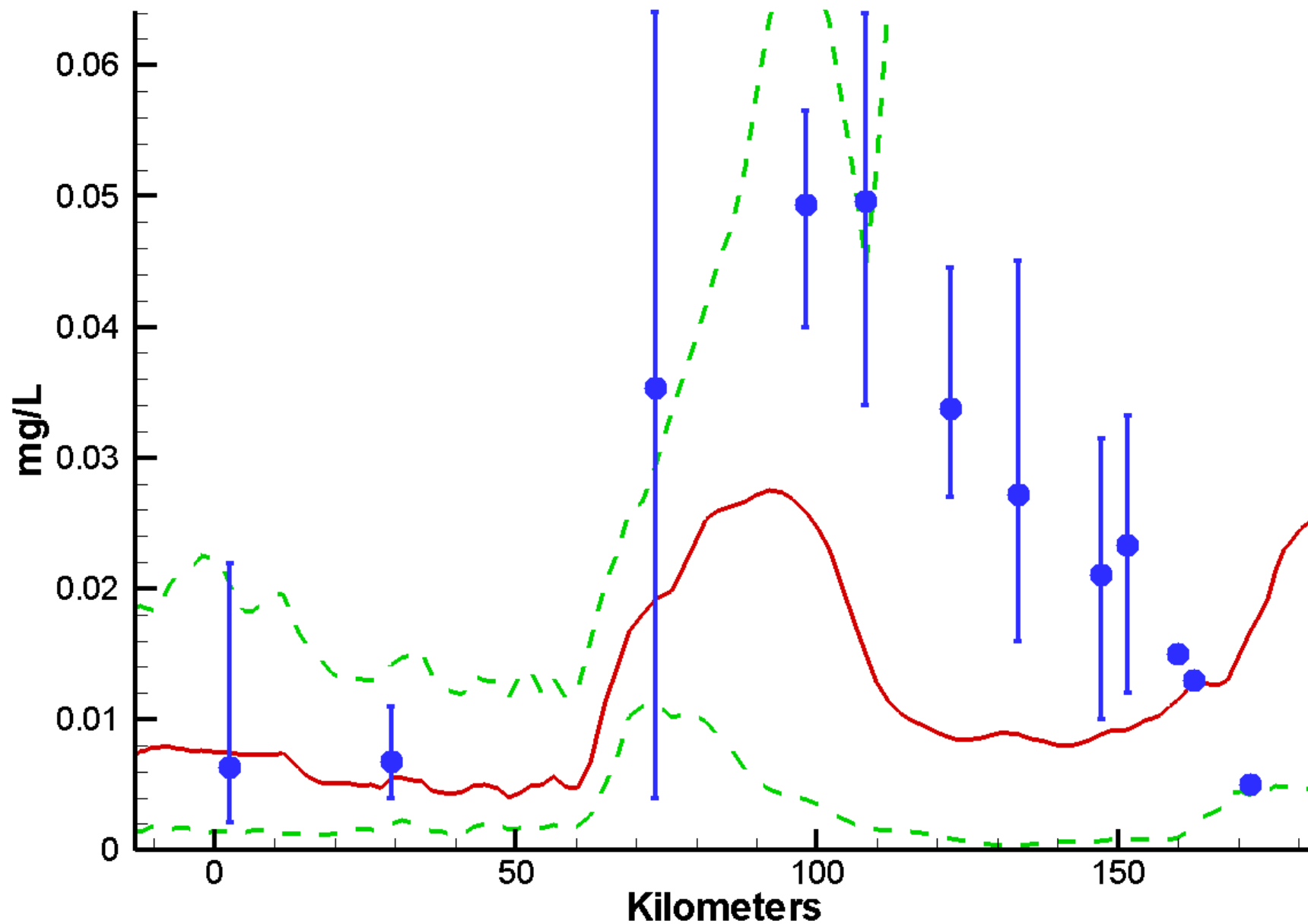
# Potomac River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1994



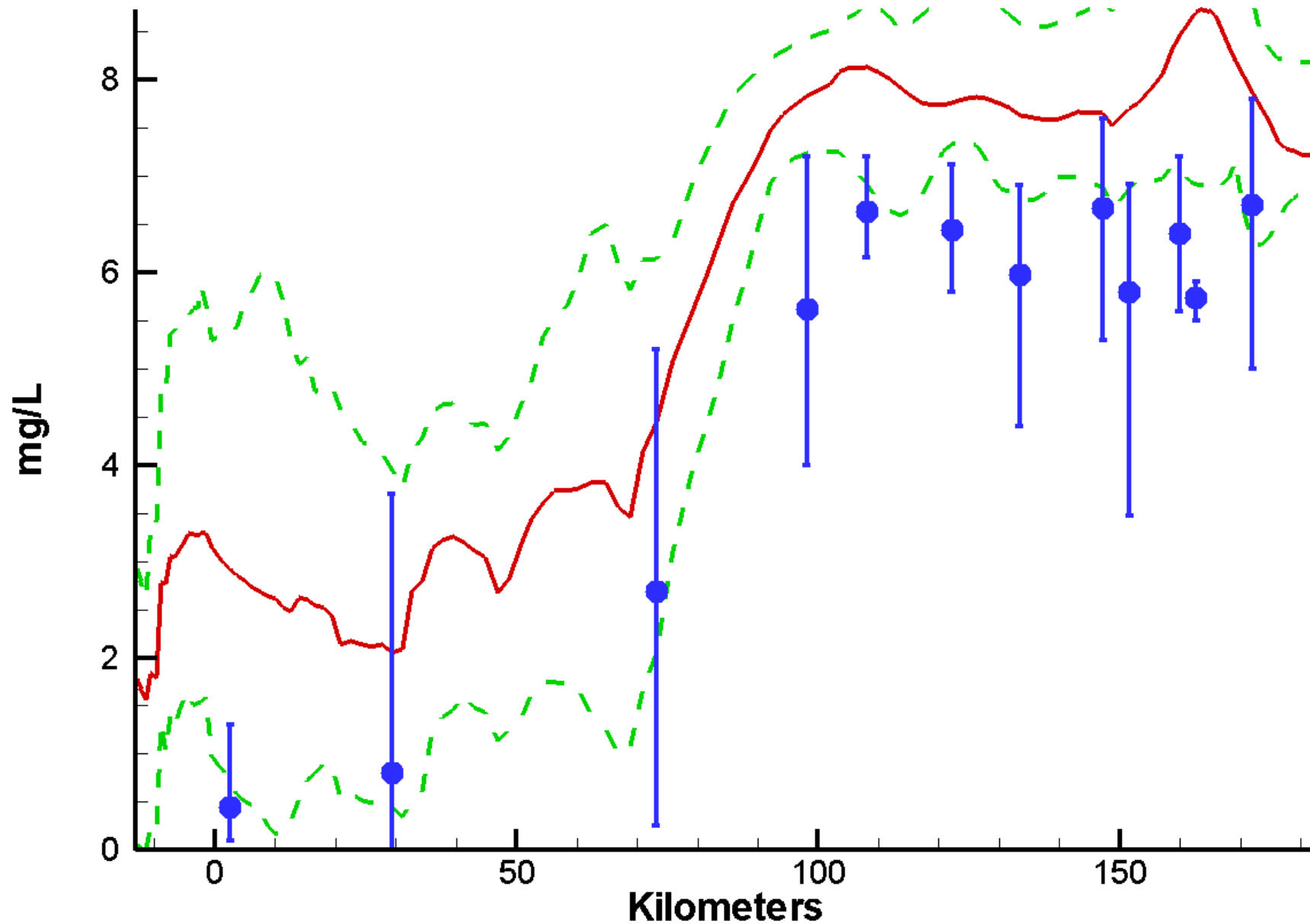
# Potomac River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1994



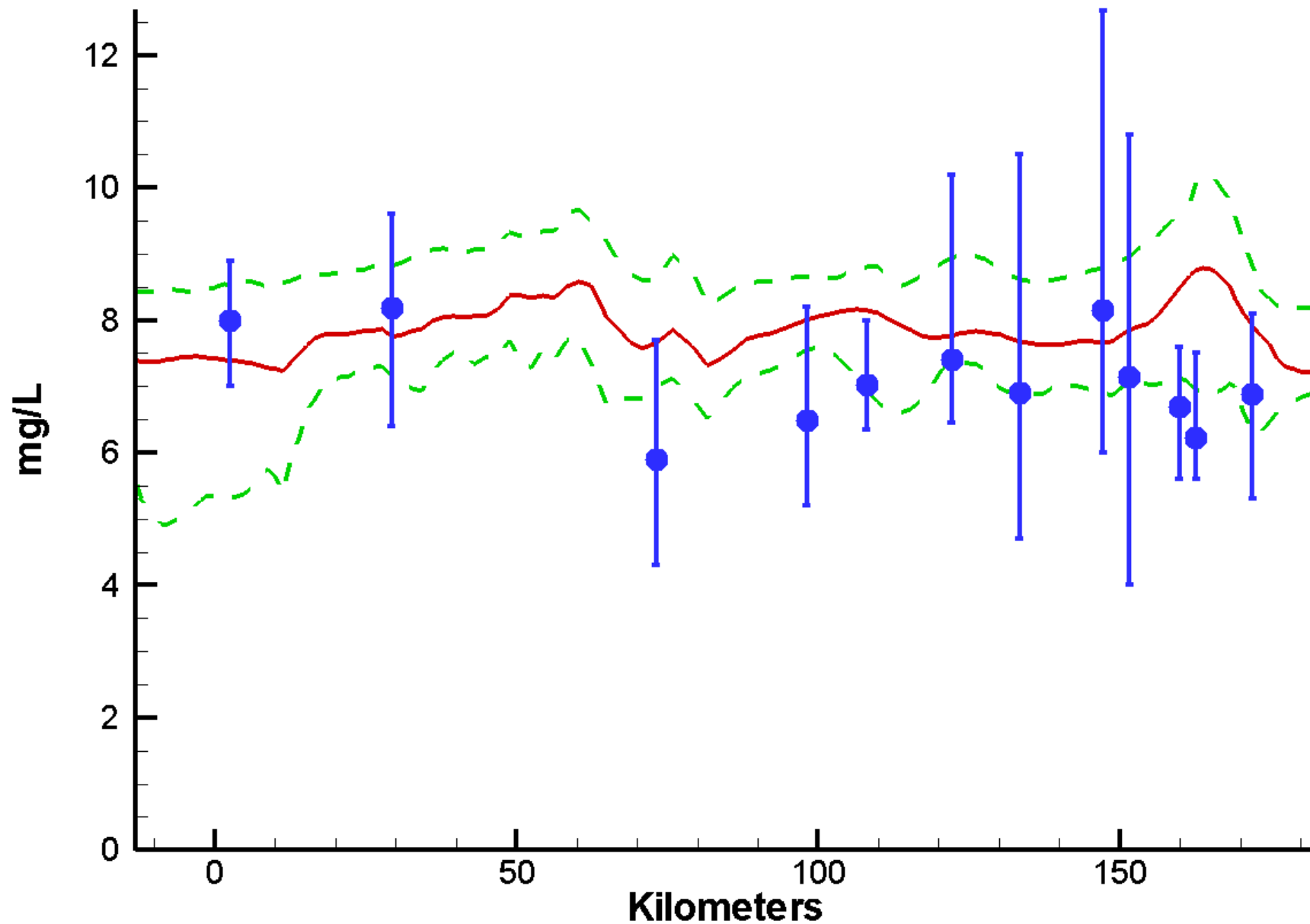
# Potomac River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1994



# Potomac River Ches2015 Run118

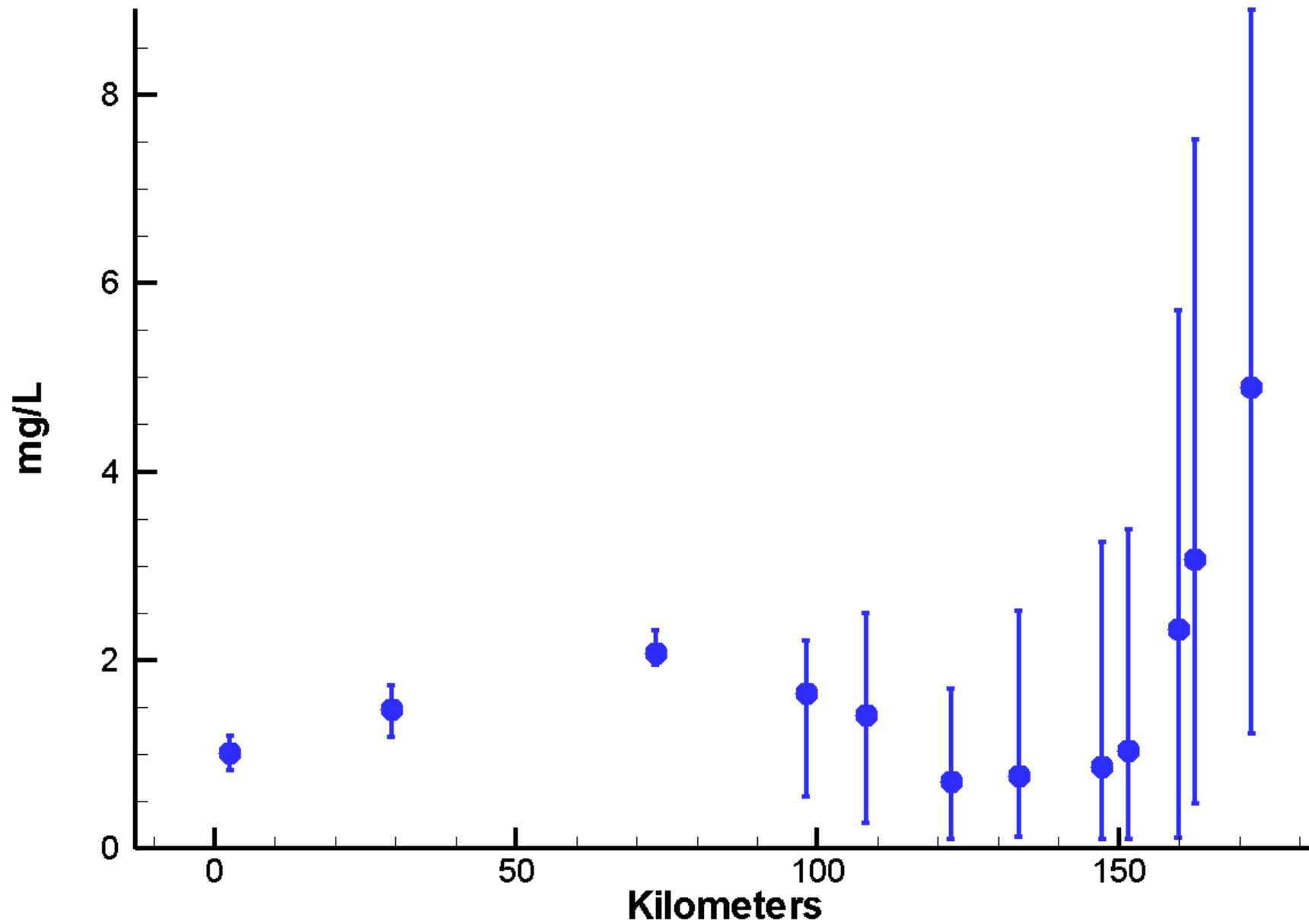
## Surface Dissolved Oxygen Summer 1994



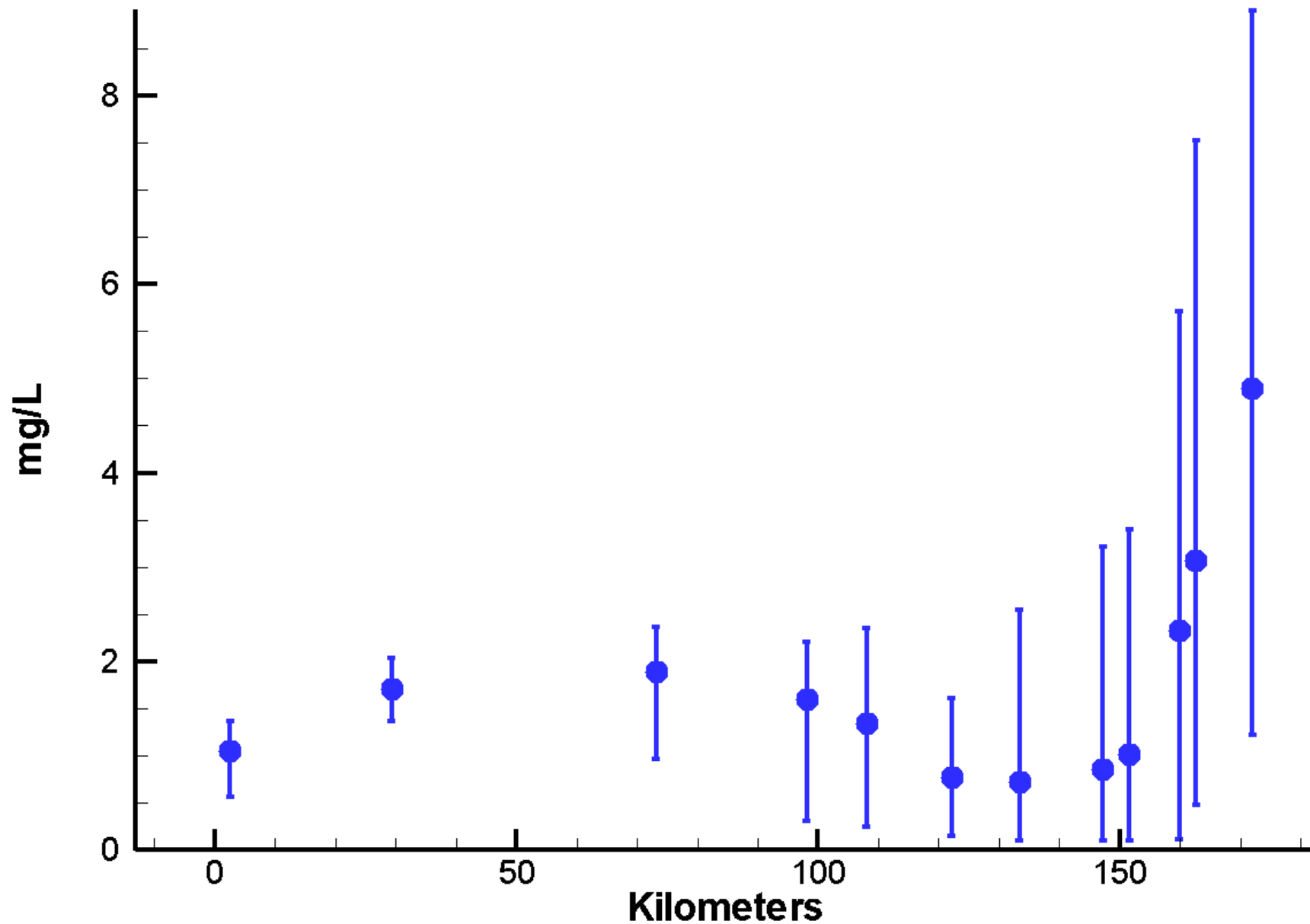


# Potomac River Ches2015 Run118

## Bottom Dissolved Silica Summer 1994

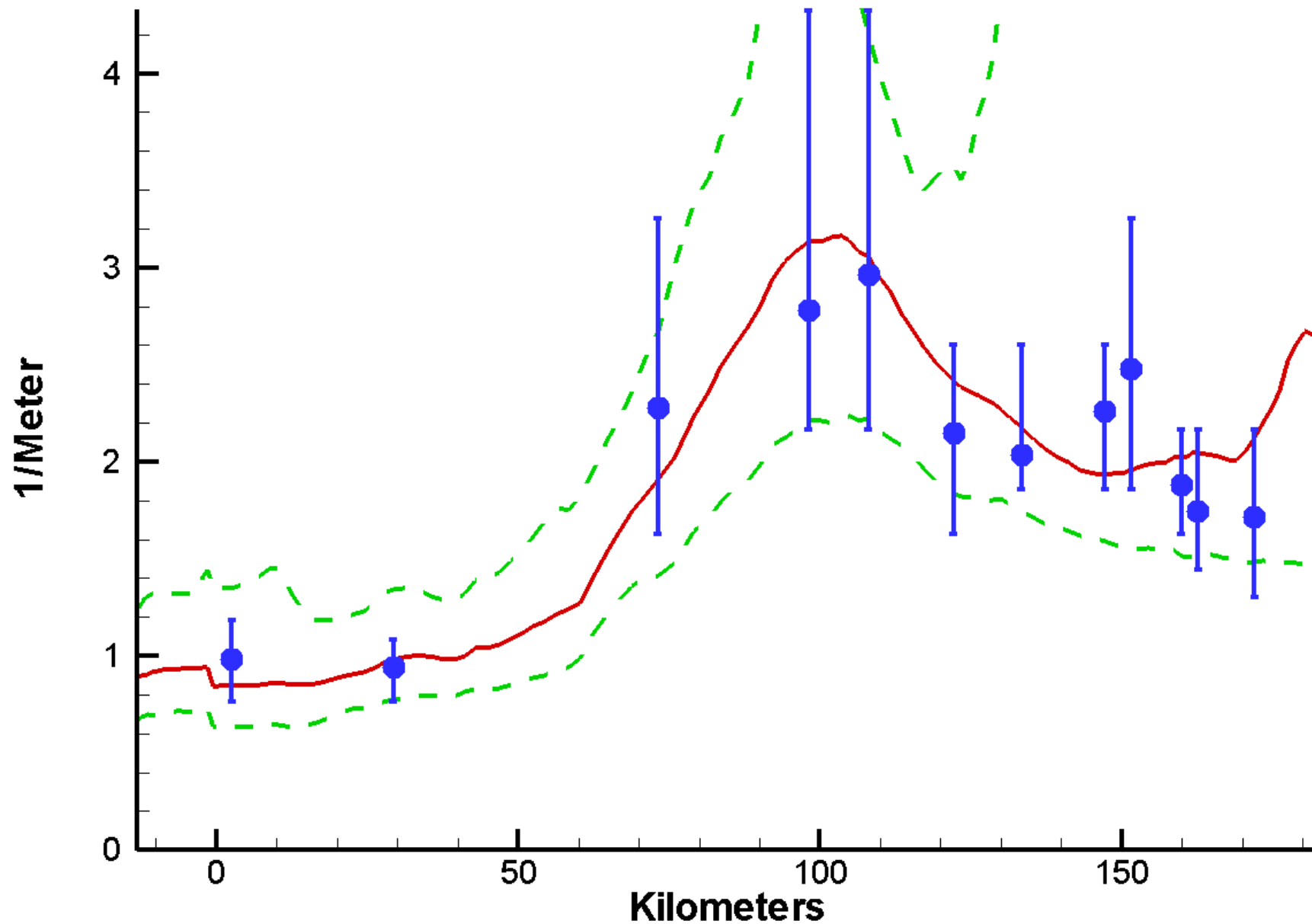


# Potomac River Ches2015 Run118 Surface Dissolved Silica Summer 1994



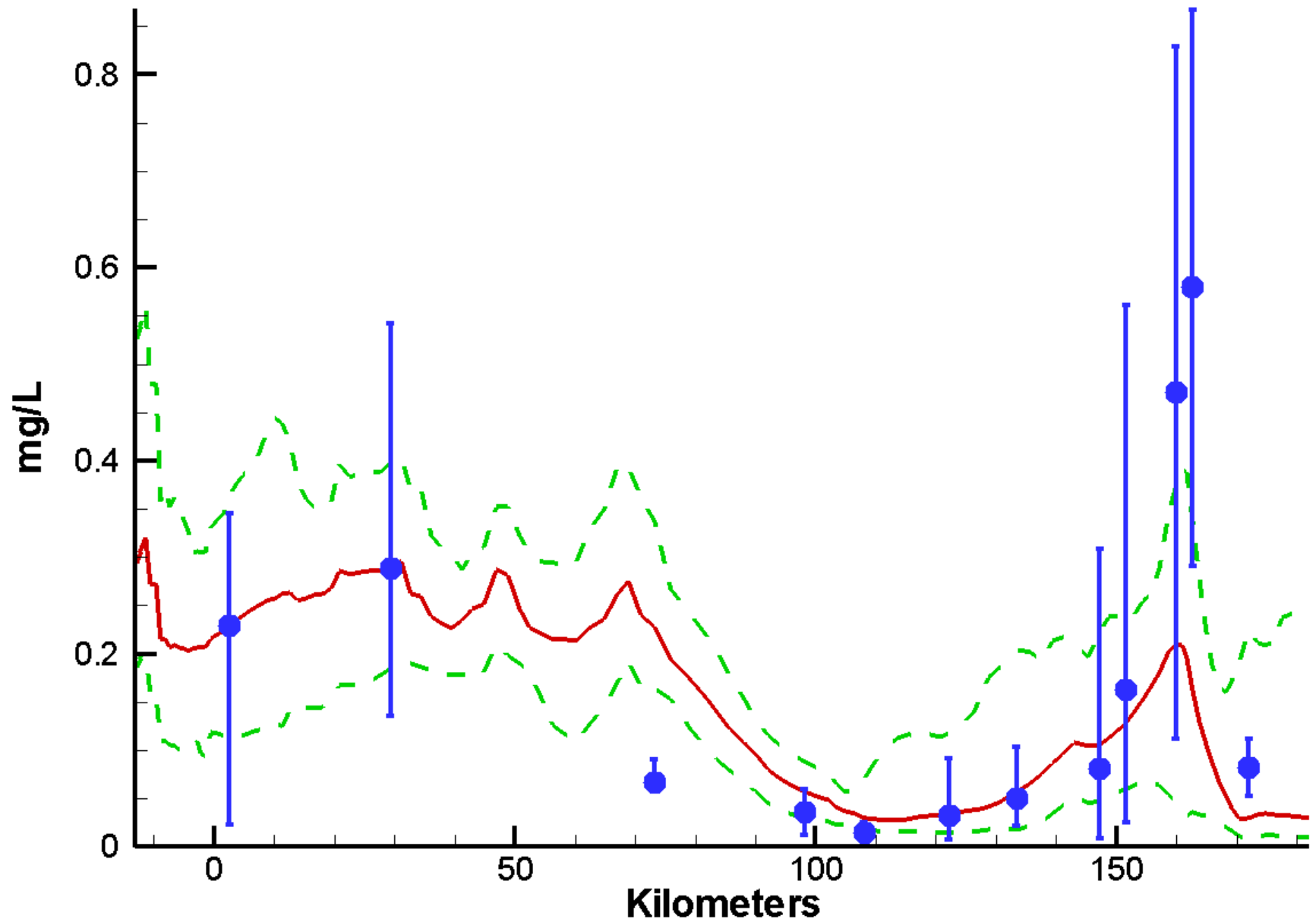
# Potomac River Ches2015 Run118

## Surface Light Extinction Summer 1994

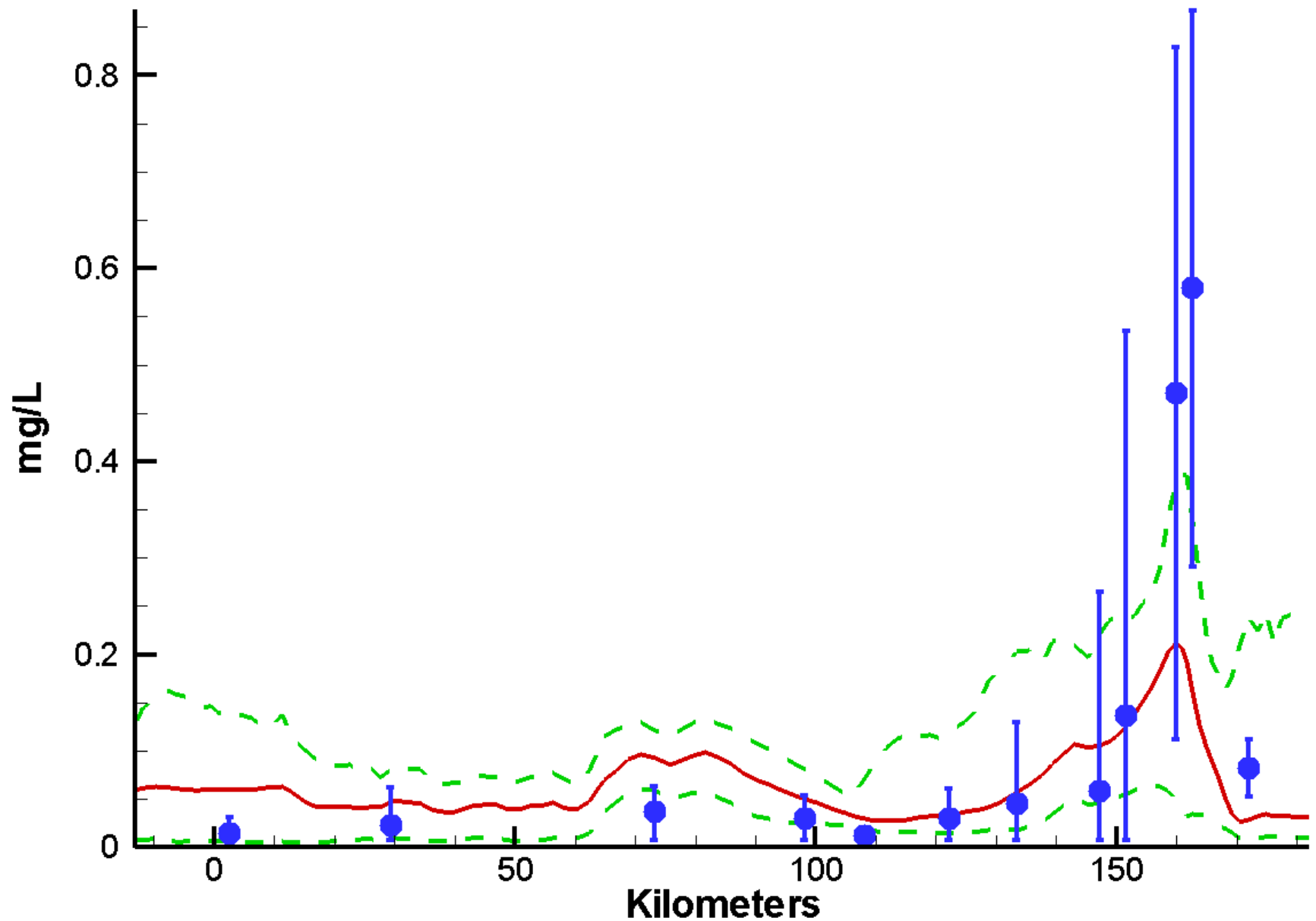


# Potomac River Ches2015 Run118

## Bottom Ammonium Summer 1994

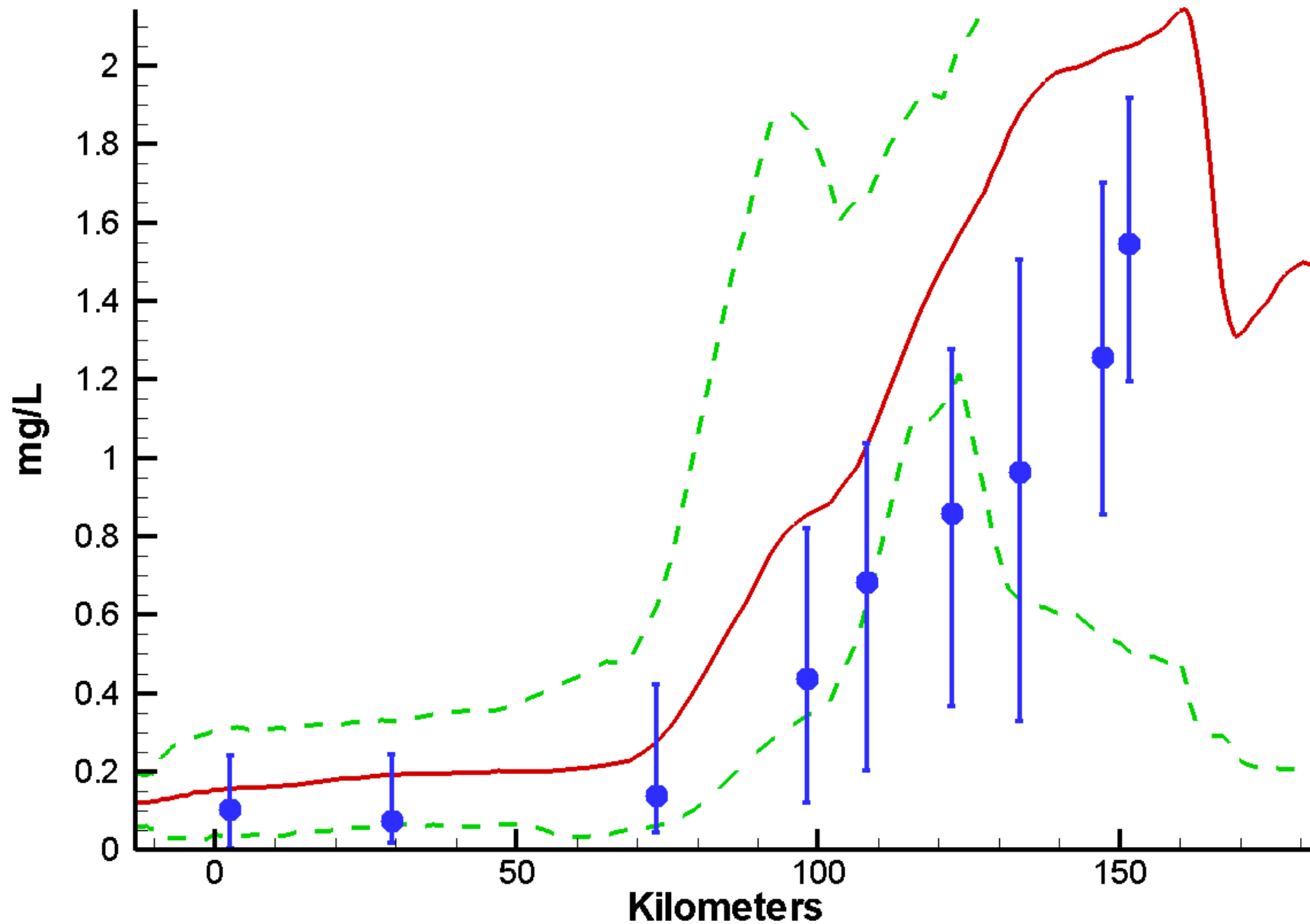


# Potomac River Ches2015 Run118 Surface Ammonium Summer 1994



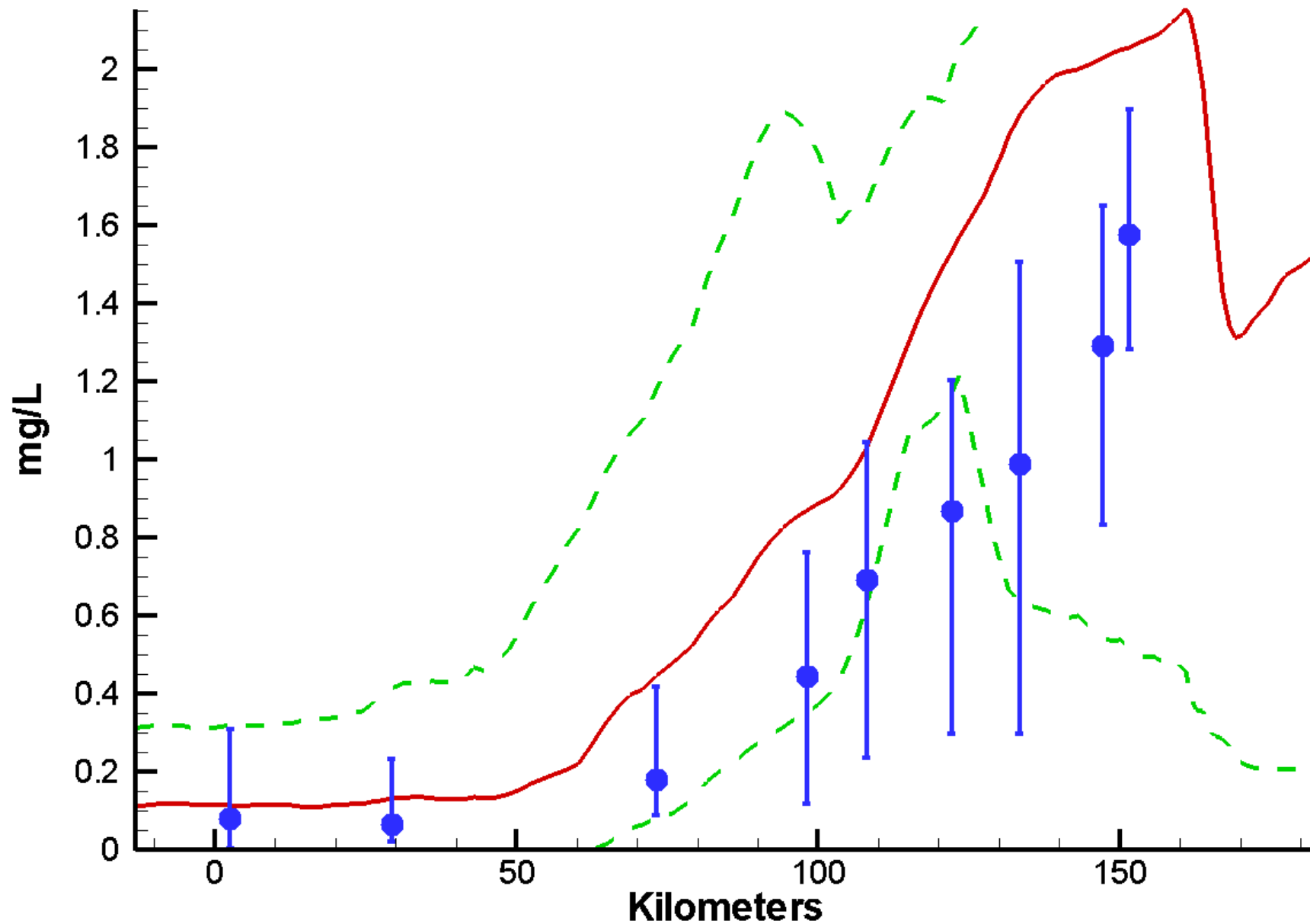
# Potomac River Ches2015 Run118

## Bottom Nitrate Summer 1994



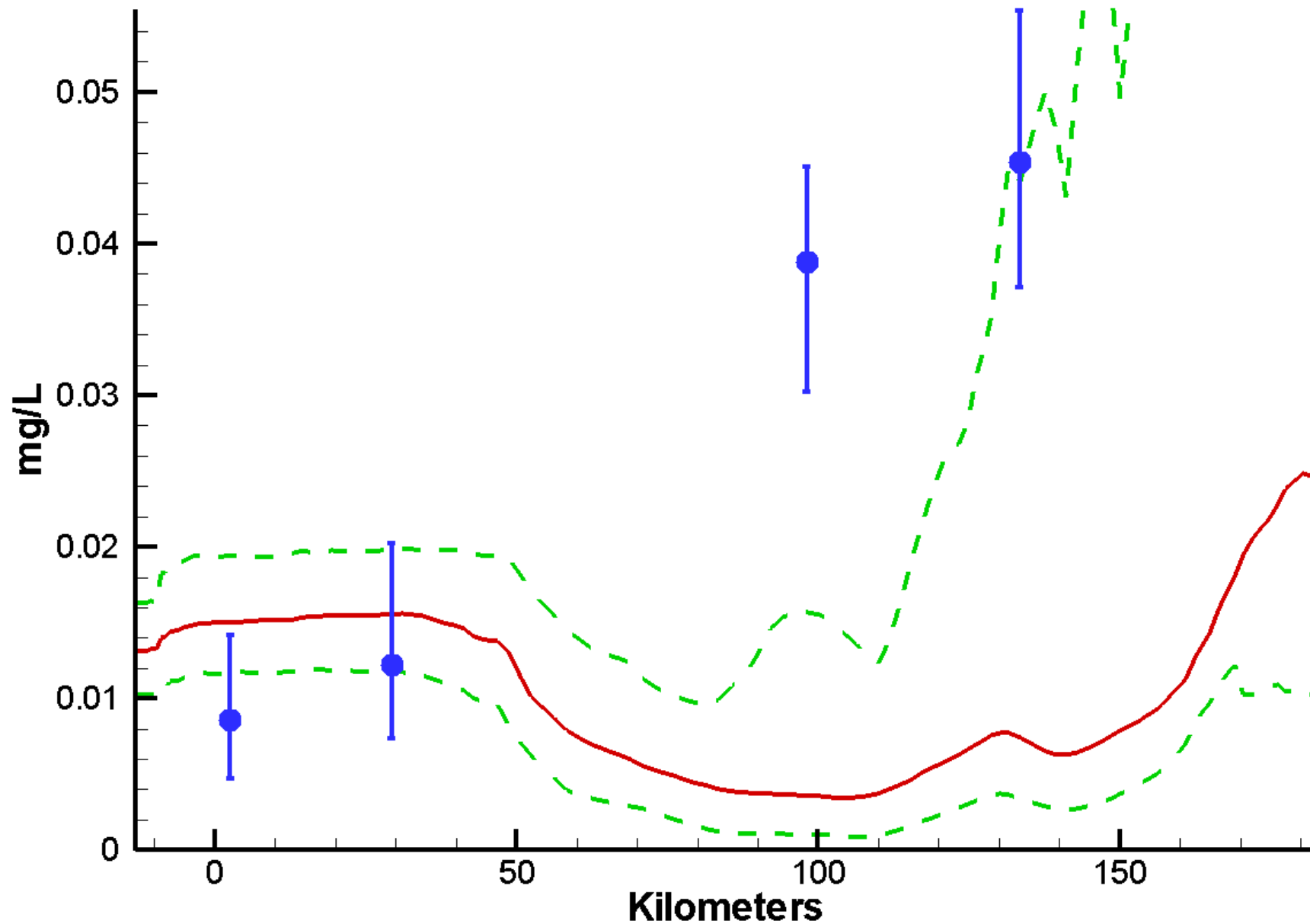
# Potomac River Ches2015 Run118

## Surface Nitrate Summer 1994



# Potomac River Ches2015 Run118

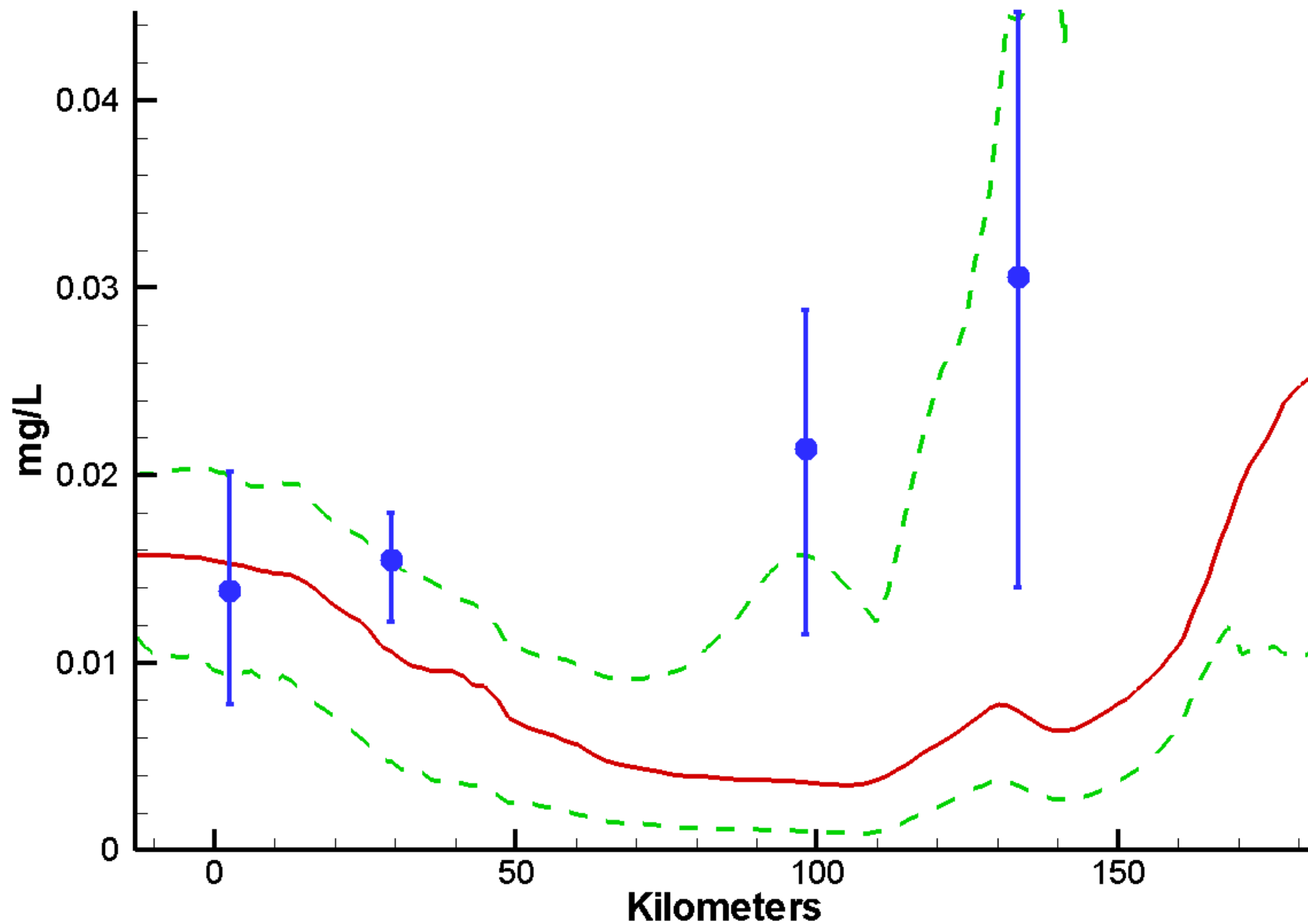
## Bottom Particulate Inorganic Phosphorus Summer 1999





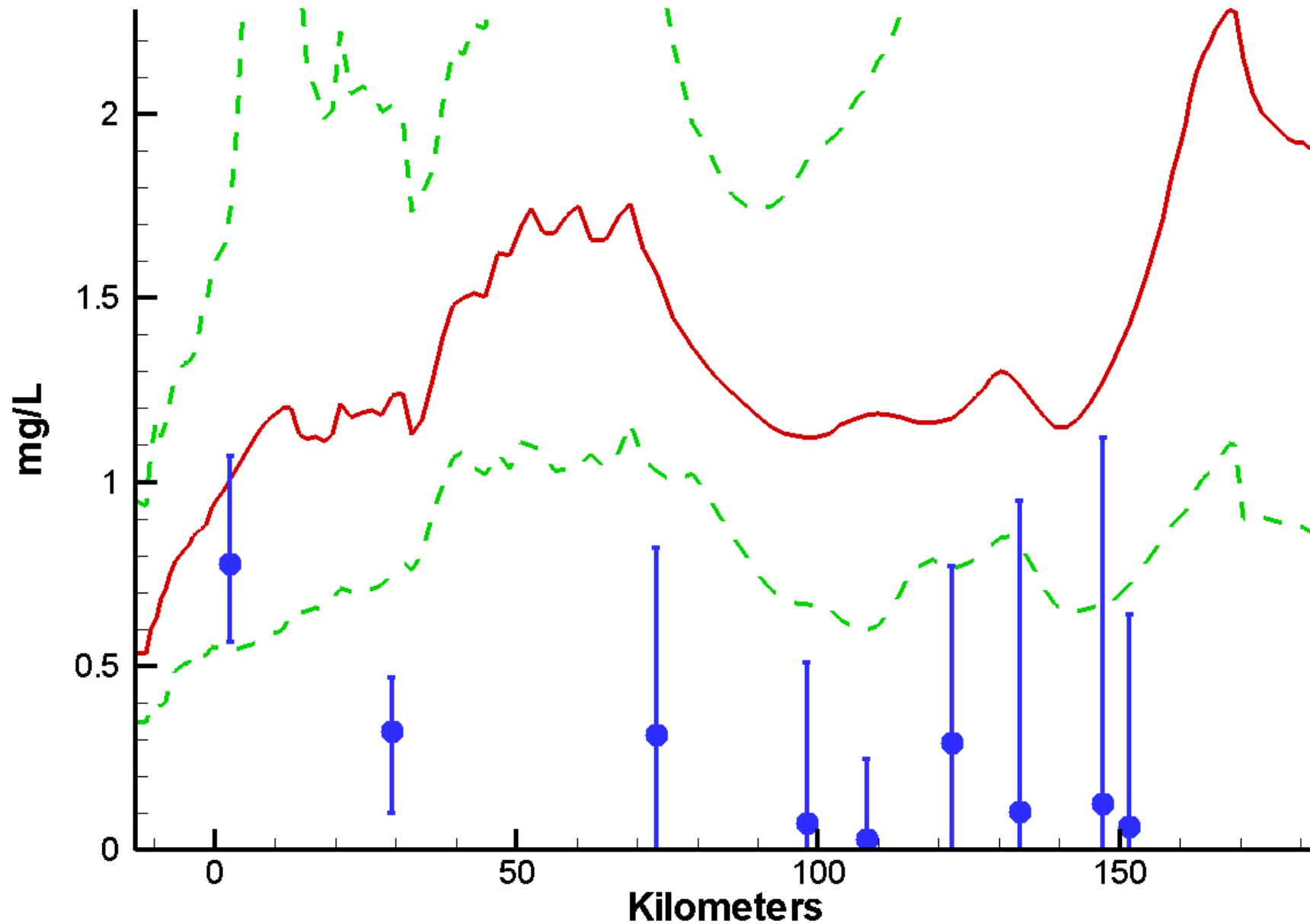
# Potomac River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



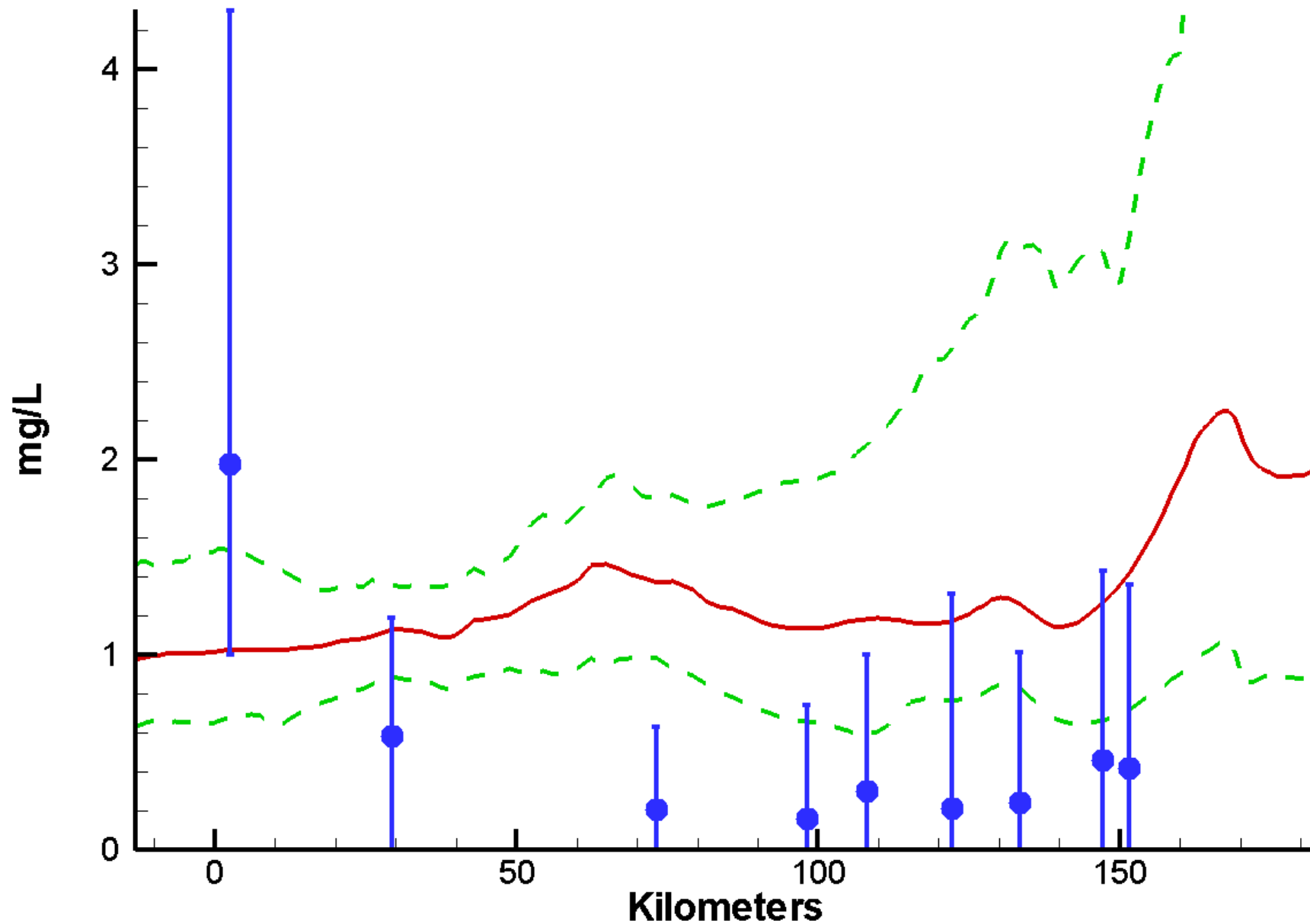
# Potomac River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1994



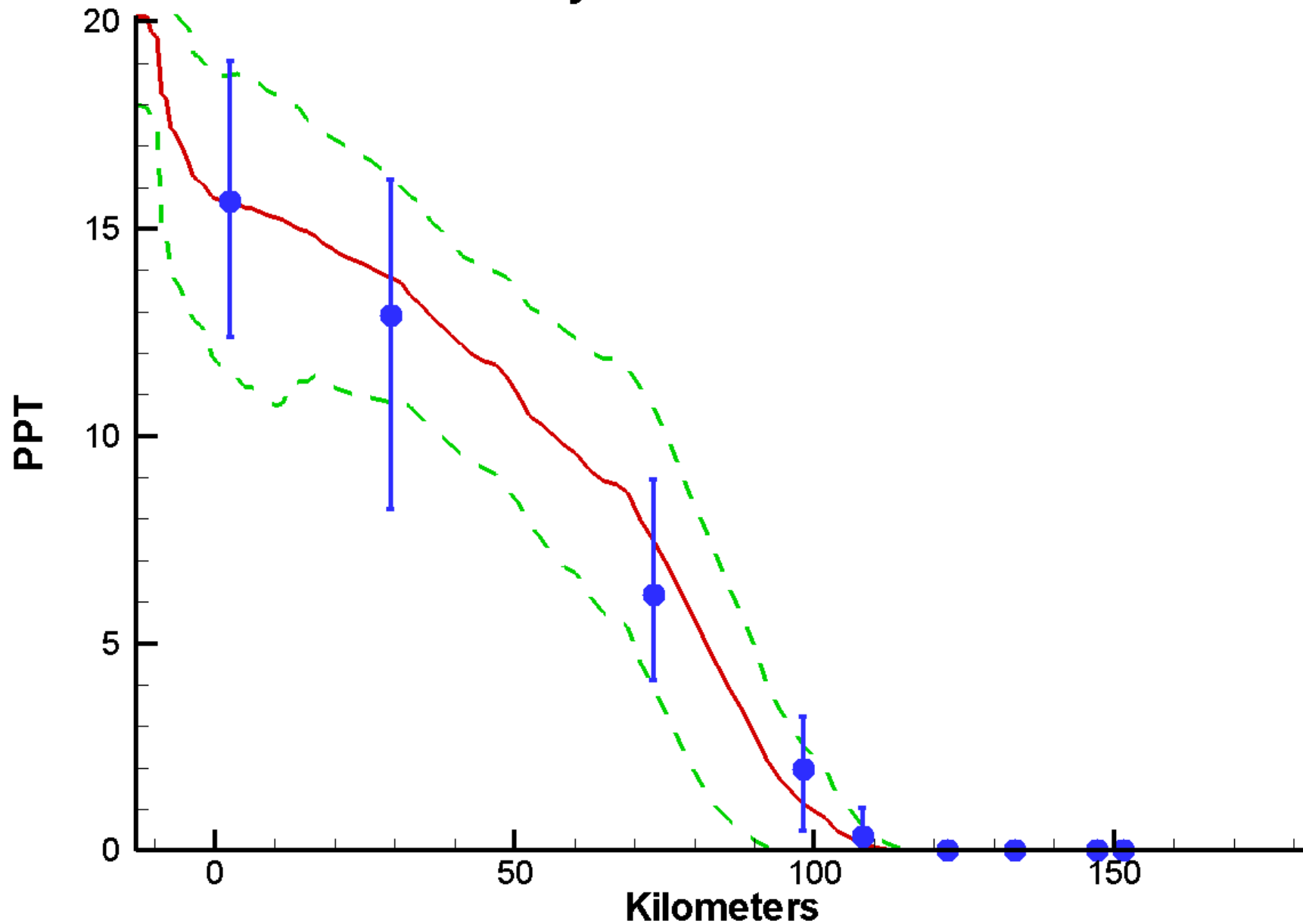
# Potomac River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1994

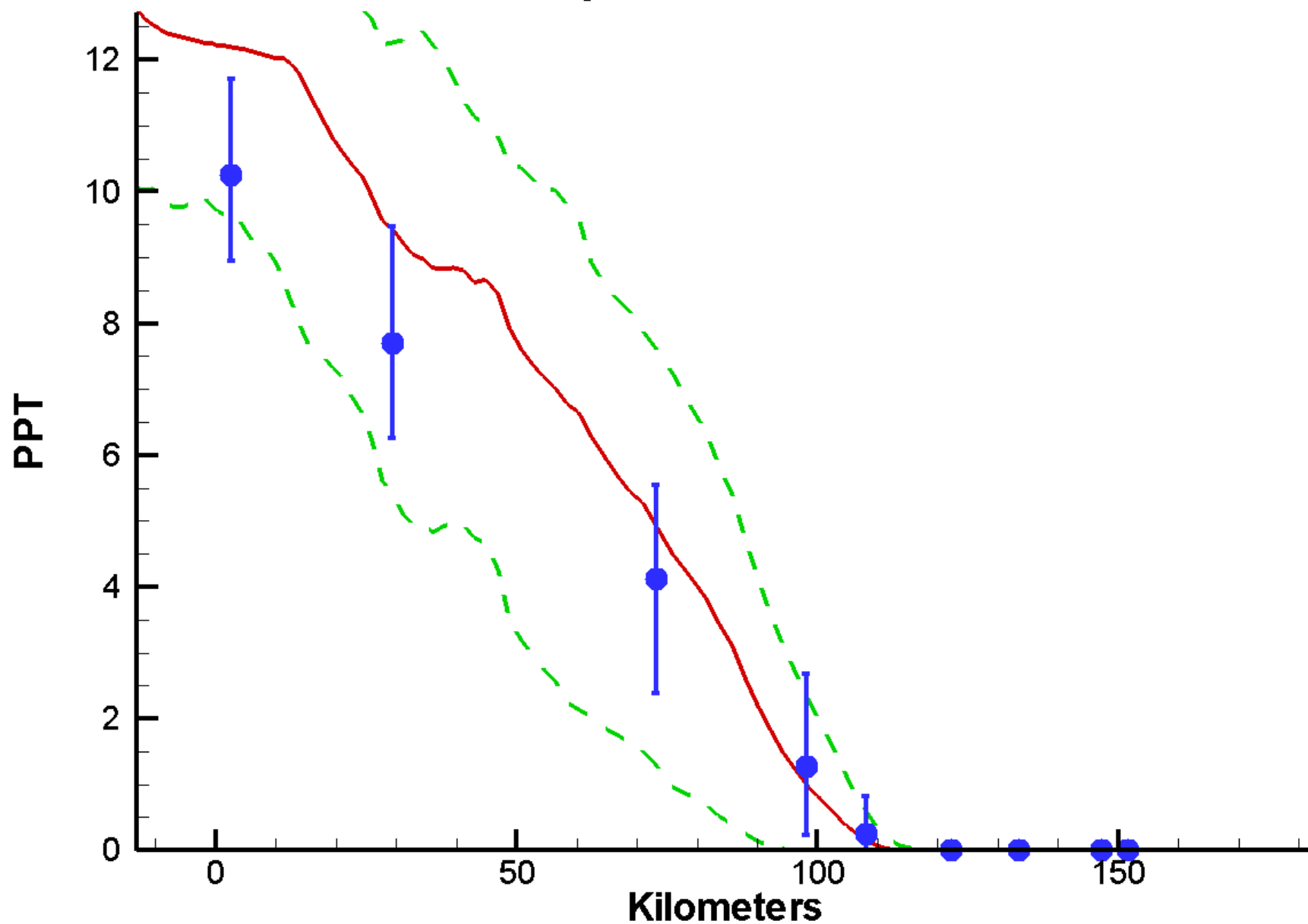


# Potomac River Ches2015 Run118

## Bottom Salinity Summer 1994

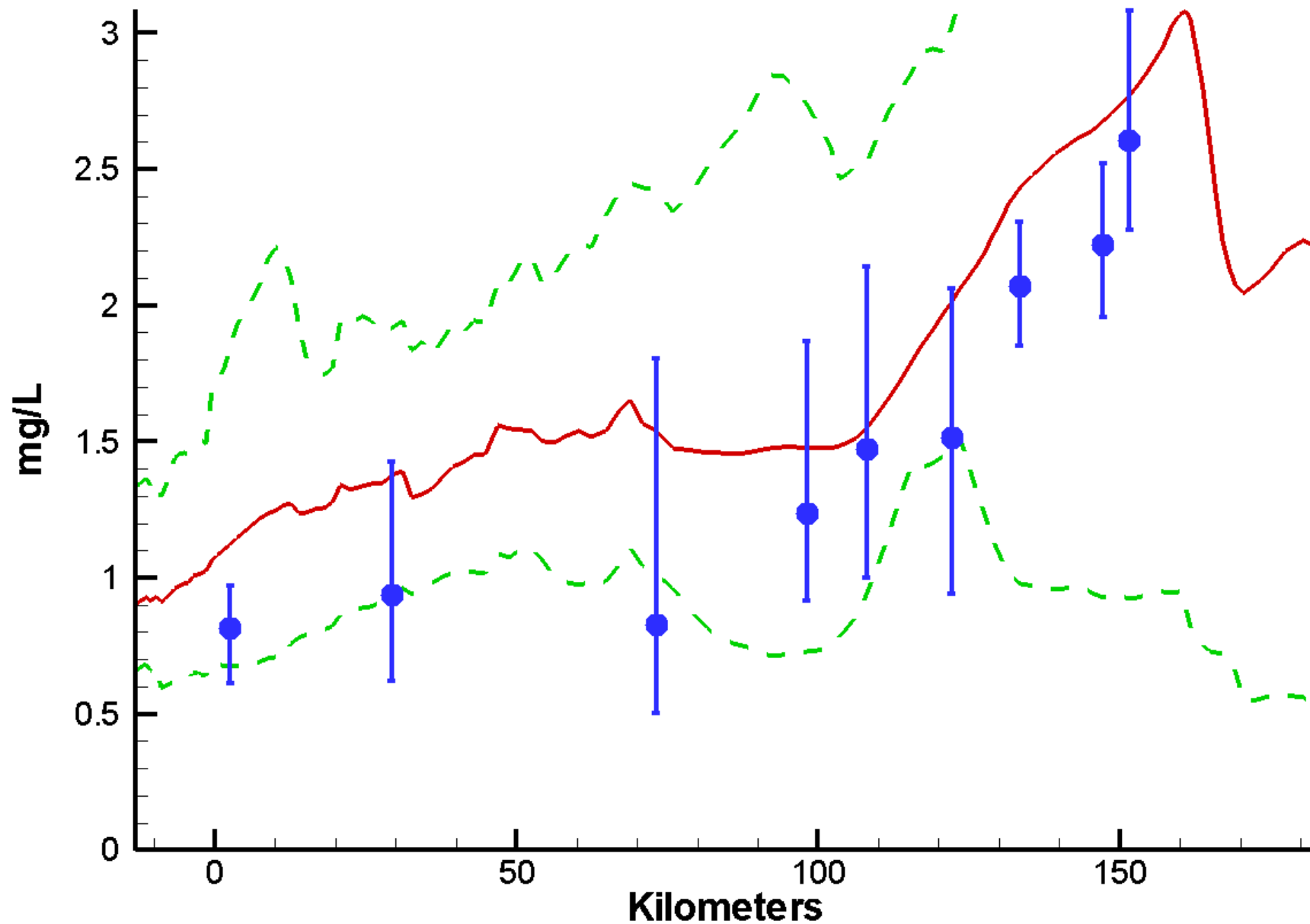


# Potomac River Ches2015 Run118 Surface Salinity Summer 1994



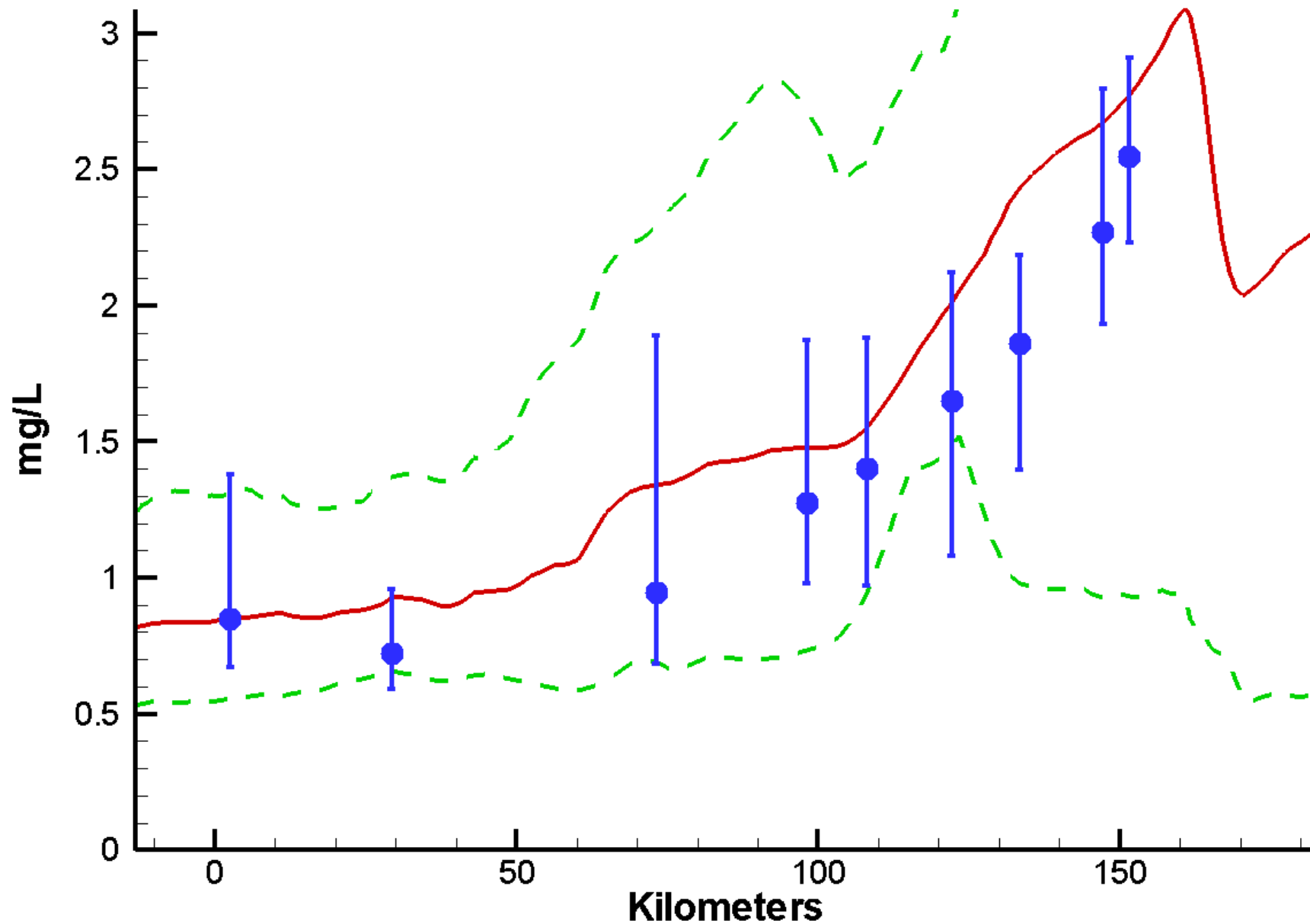
# Potomac River Ches2015 Run118

## Bottom Total Nitrogen Summer 1994



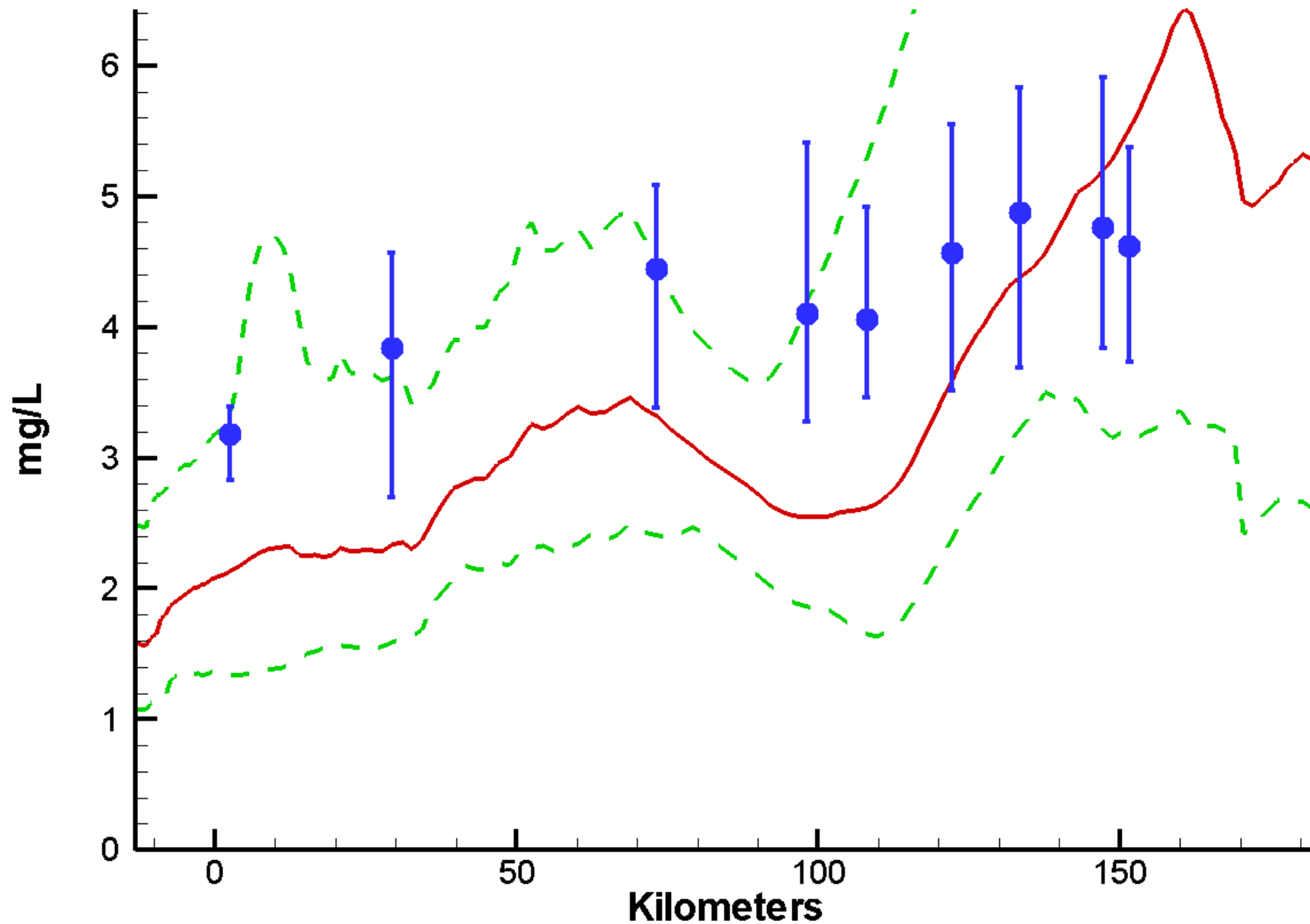
# Potomac River Ches2015 Run118

## Surface Total Nitrogen Summer 1994



# Potomac River Ches2015 Run118

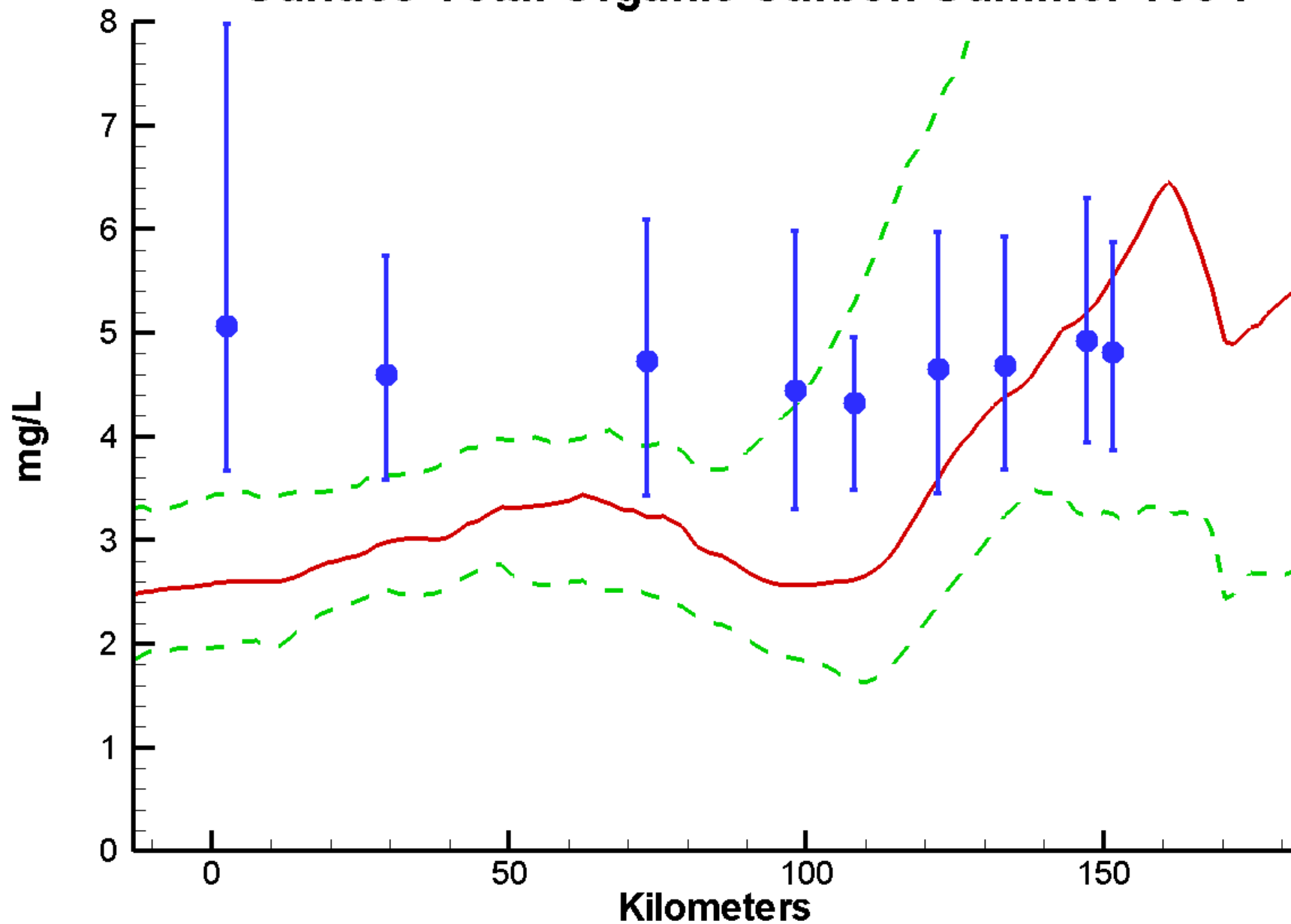
## Bottom Total Organic Carbon Summer 1994





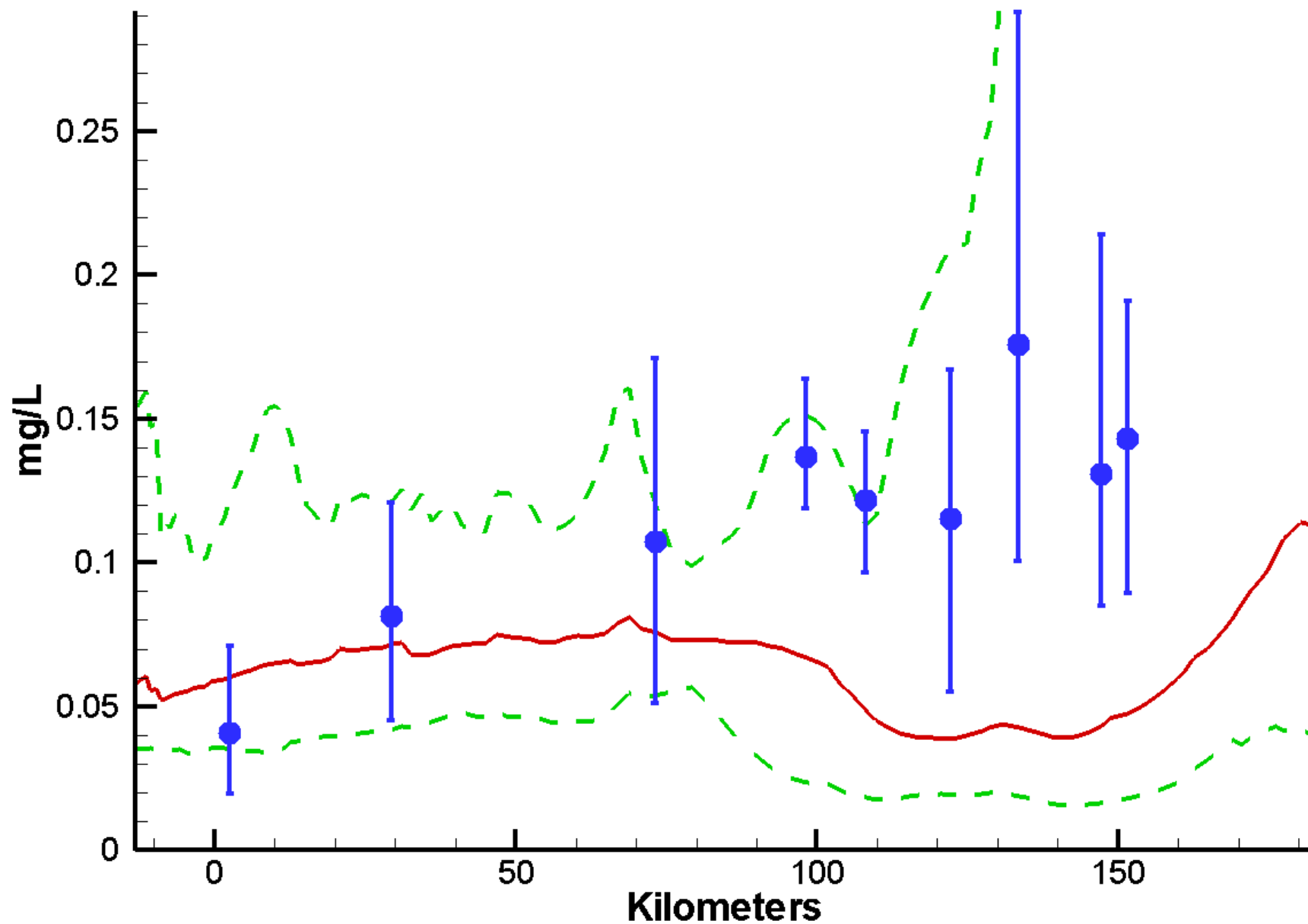
# Potomac River Ches2015 Run118

## Surface Total Organic Carbon Summer 1994



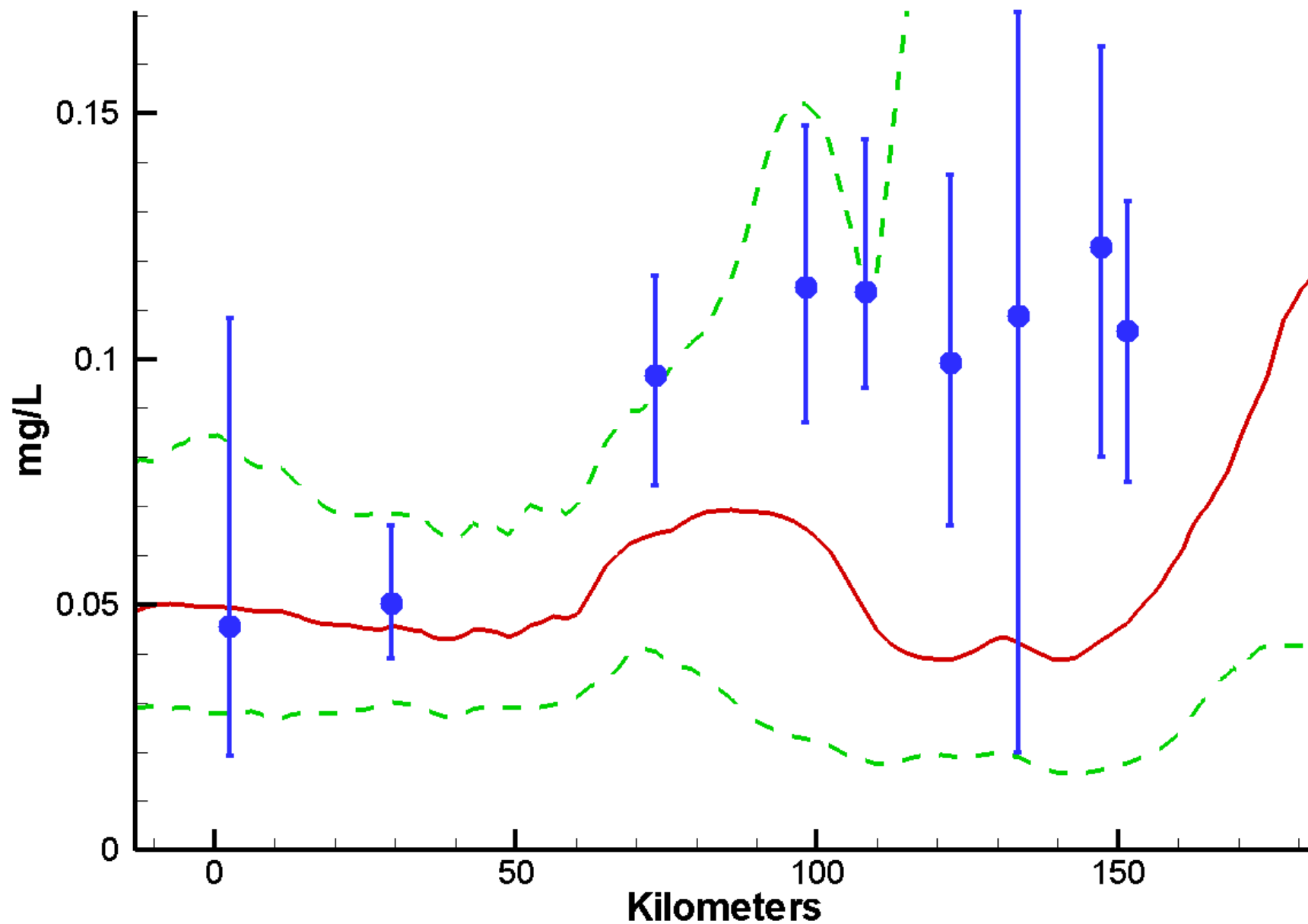
# Potomac River Ches2015 Run118

## Bottom Total Phosphorus Summer 1994



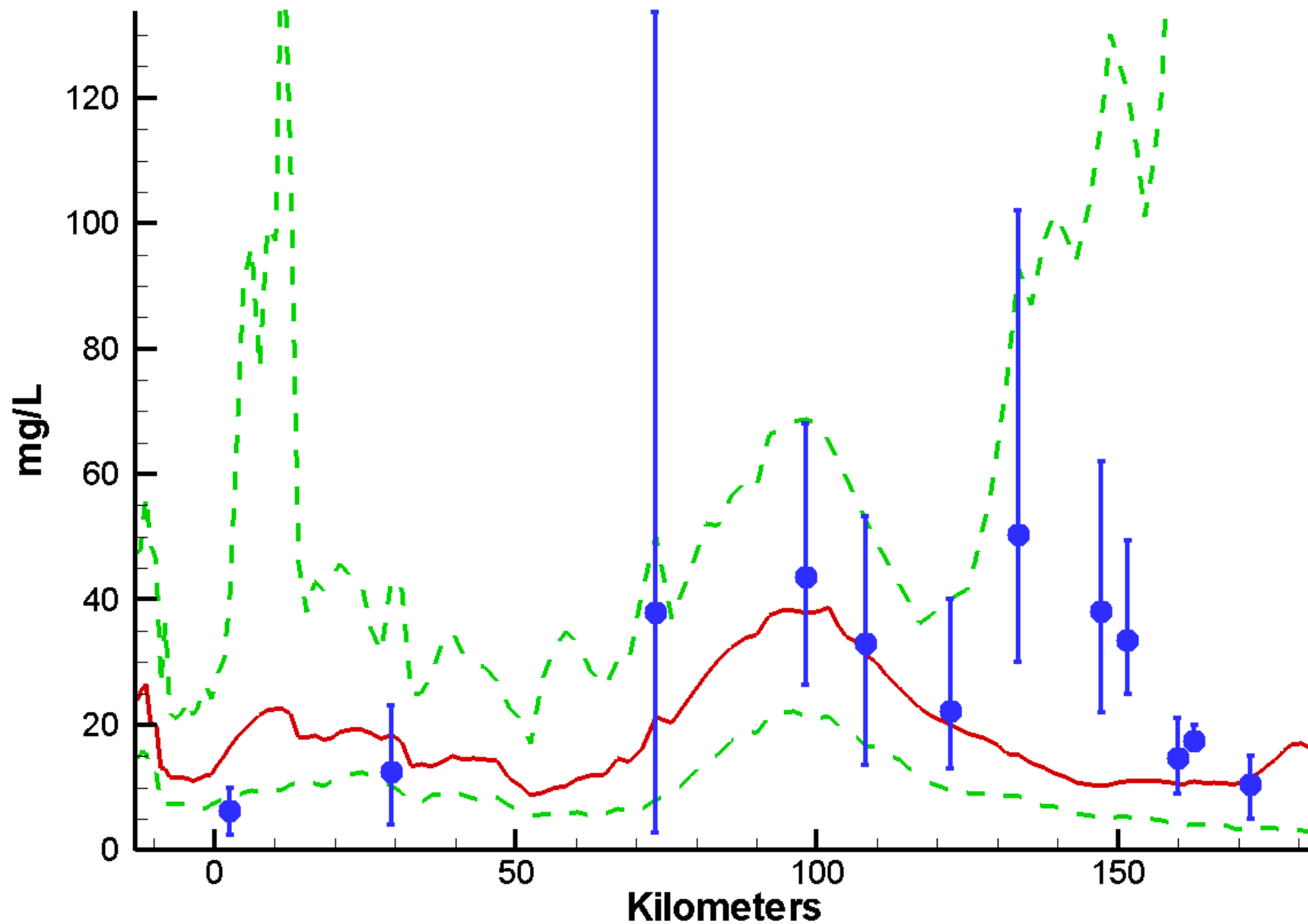
# Potomac River Ches2015 Run118

## Surface Total Phosphorus Summer 1994



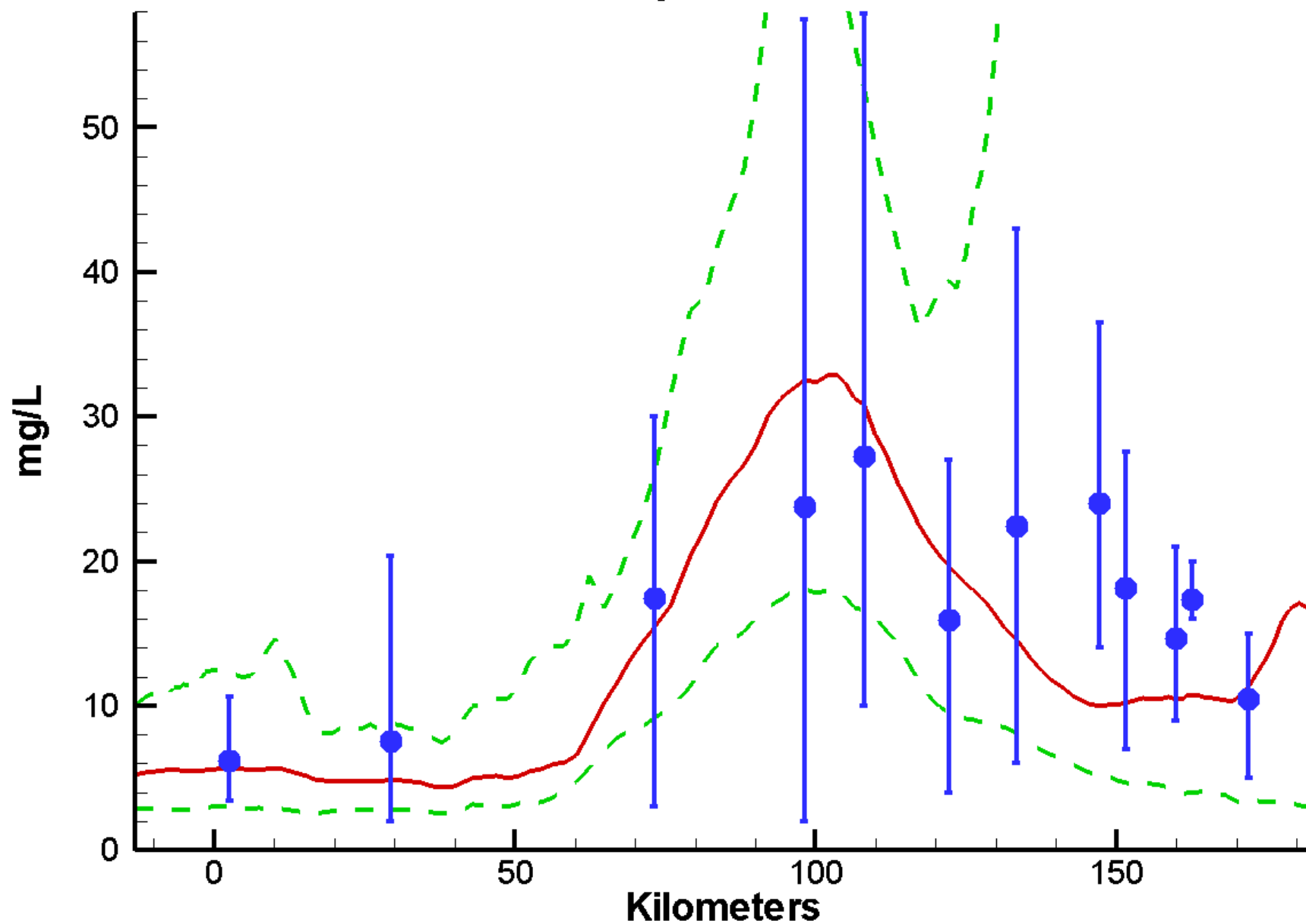
# Potomac River Ches2015 Run118

## Bottom Total Suspended Solids Summer 1994



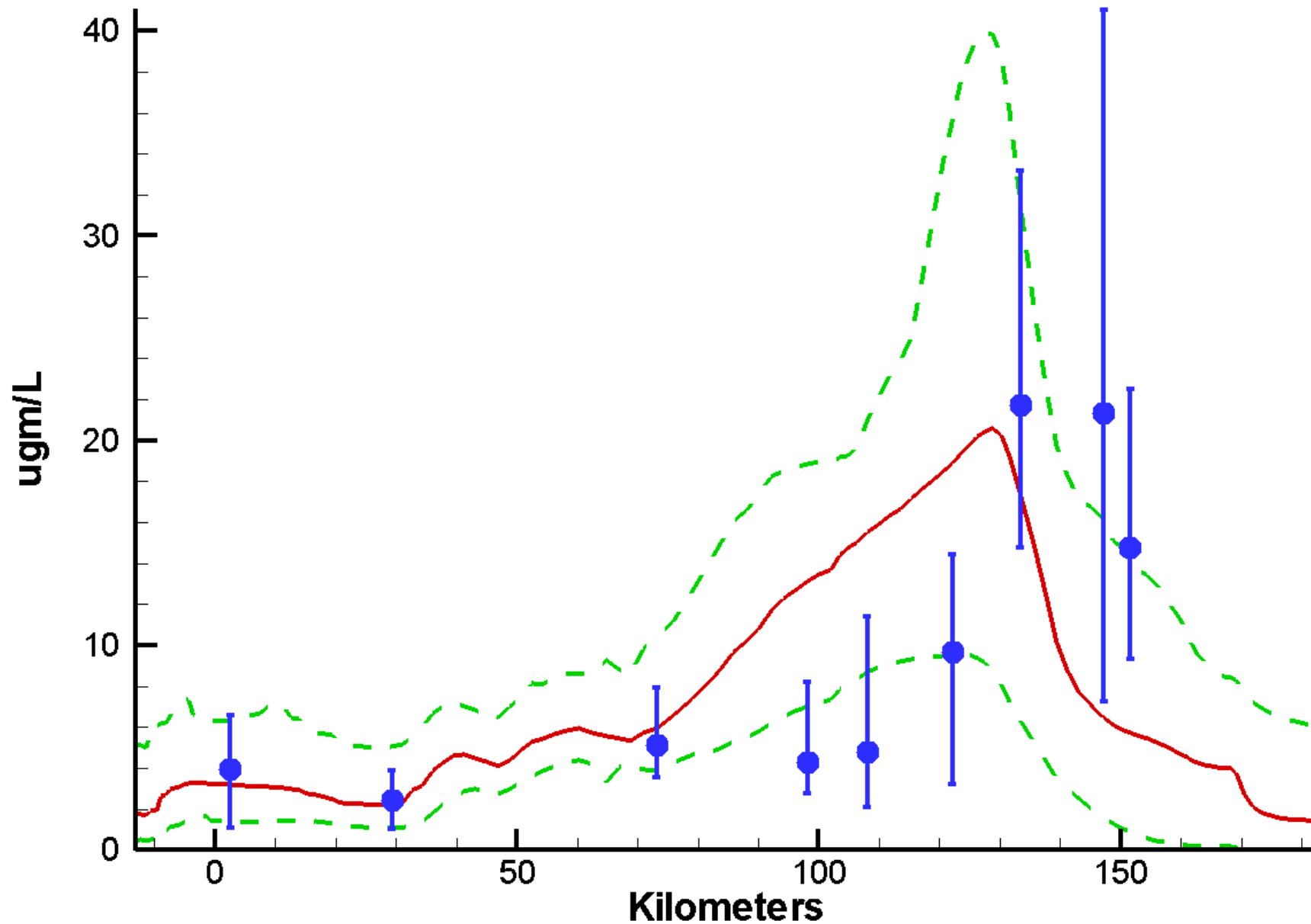
# Potomac River Ches2015 Run118

## Surface Total Suspended Solids Summer 1994



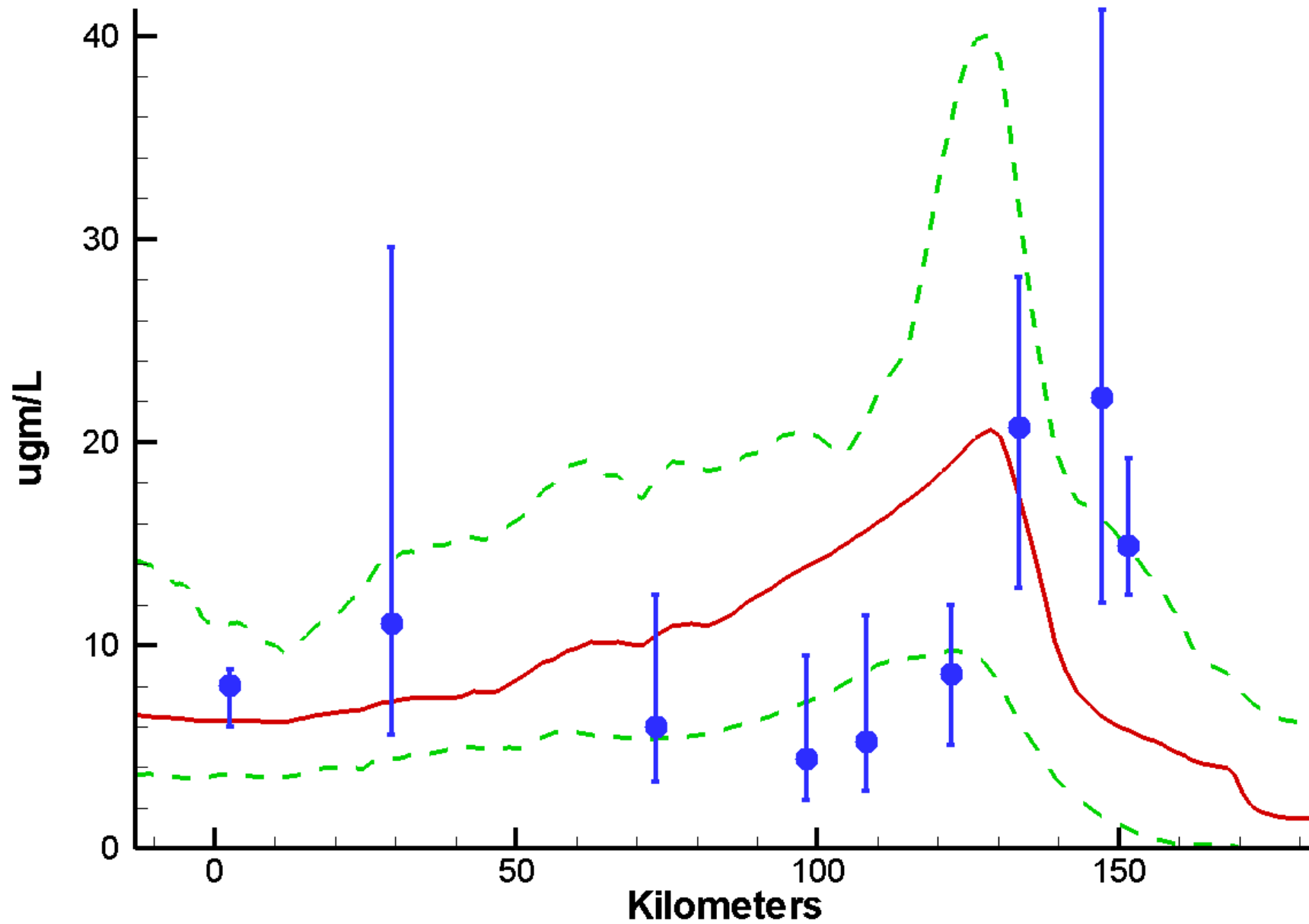
# Potomac River Ches2015 Run118

## Bottom Chlorophyll Fall 1994



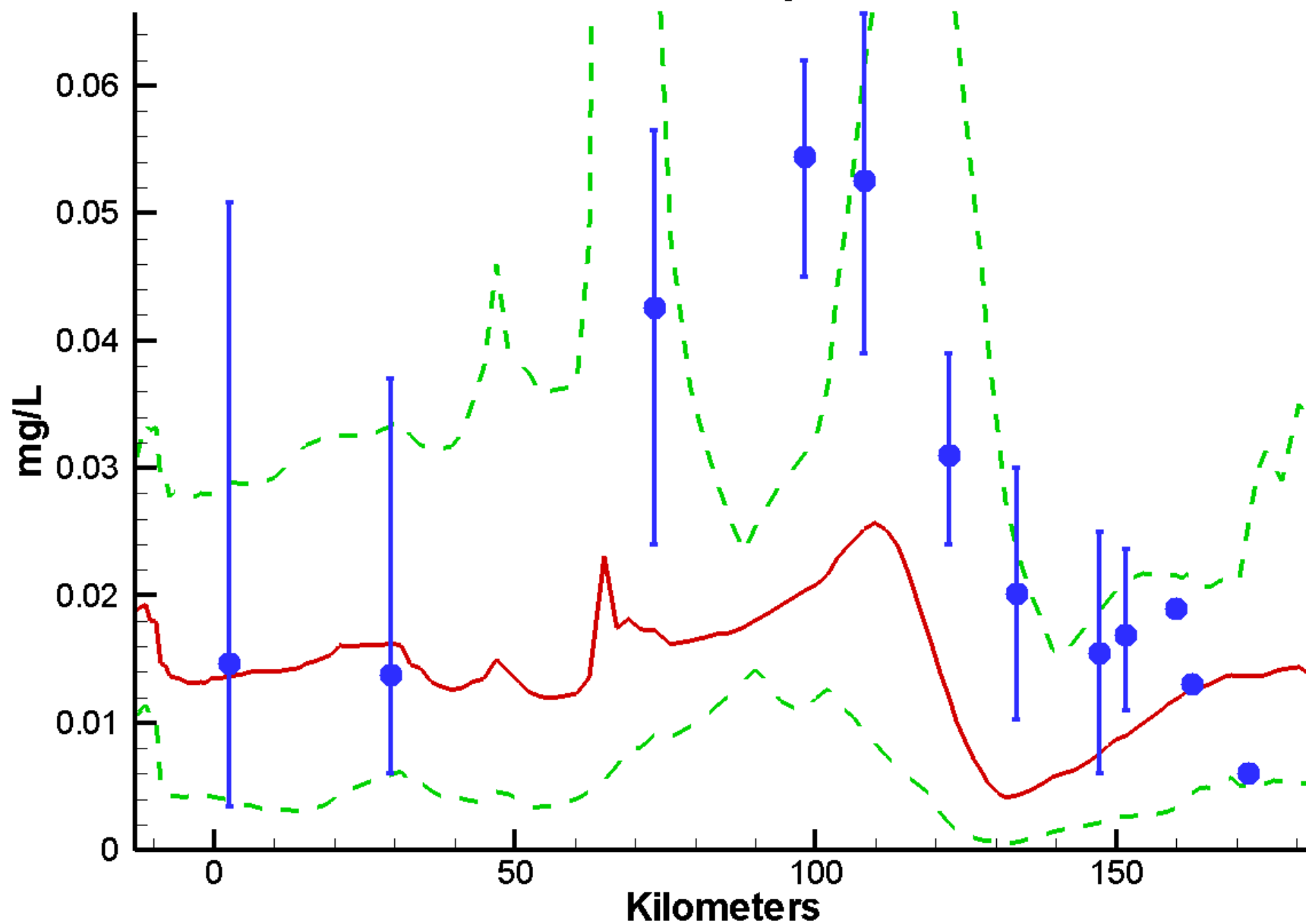
# Potomac River Ches2015 Run118

## Surface Chlorophyll Fall 1994



# Potomac River Ches2015 Run118

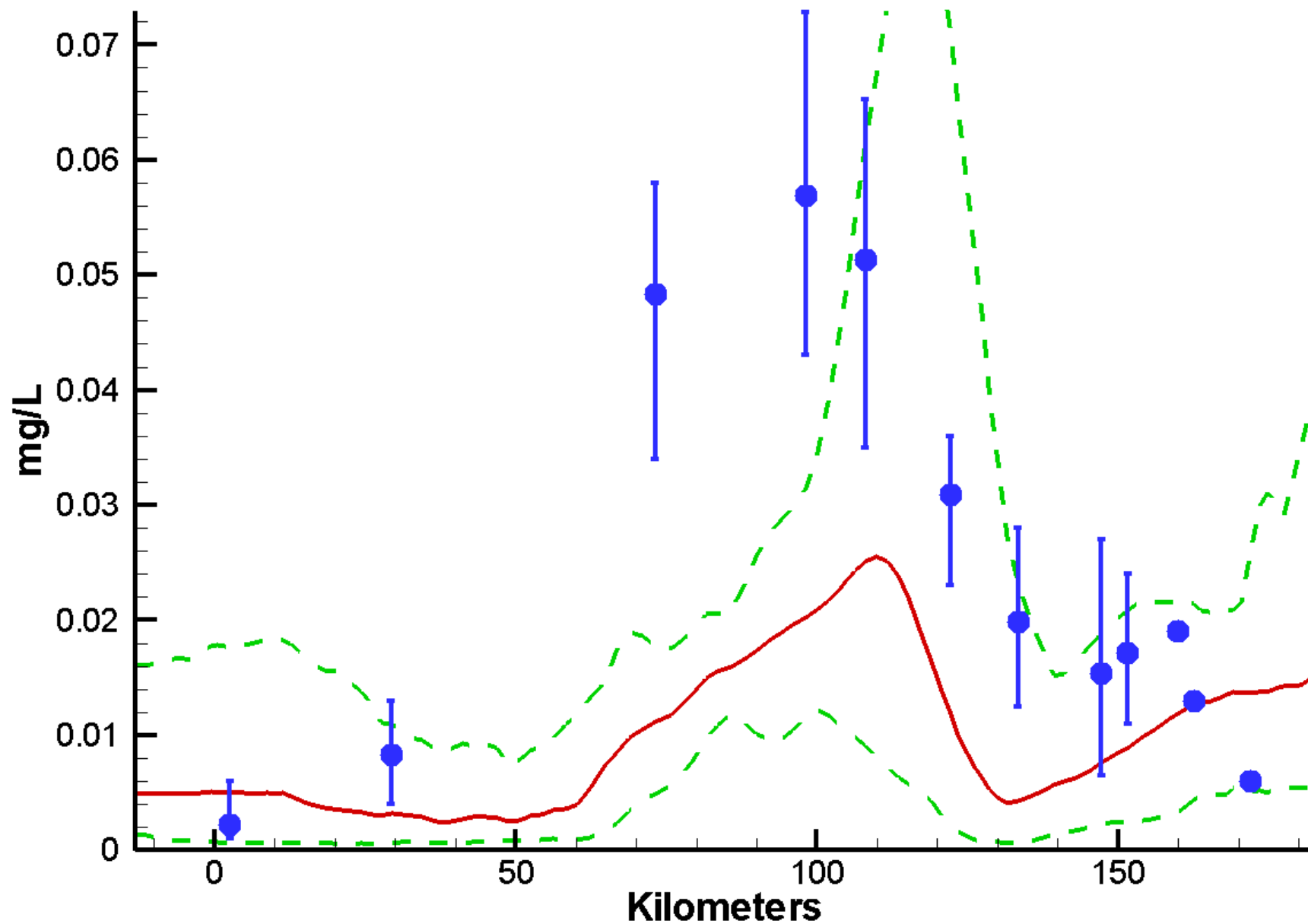
## Bottom Dissolved Phosphate Fall 1994





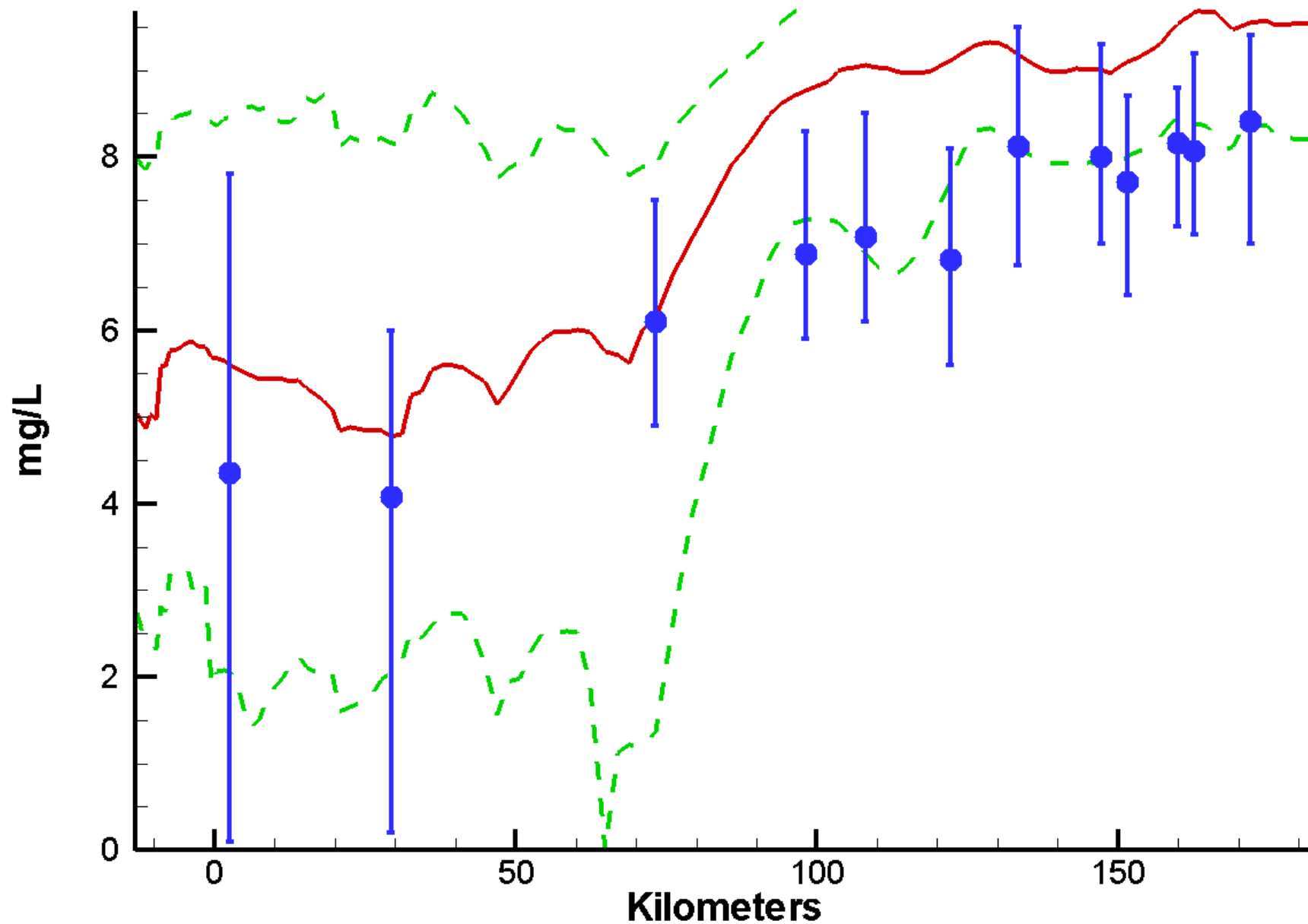
# Potomac River Ches2015 Run118

## Surface Dissolved Phosphate Fall 1994



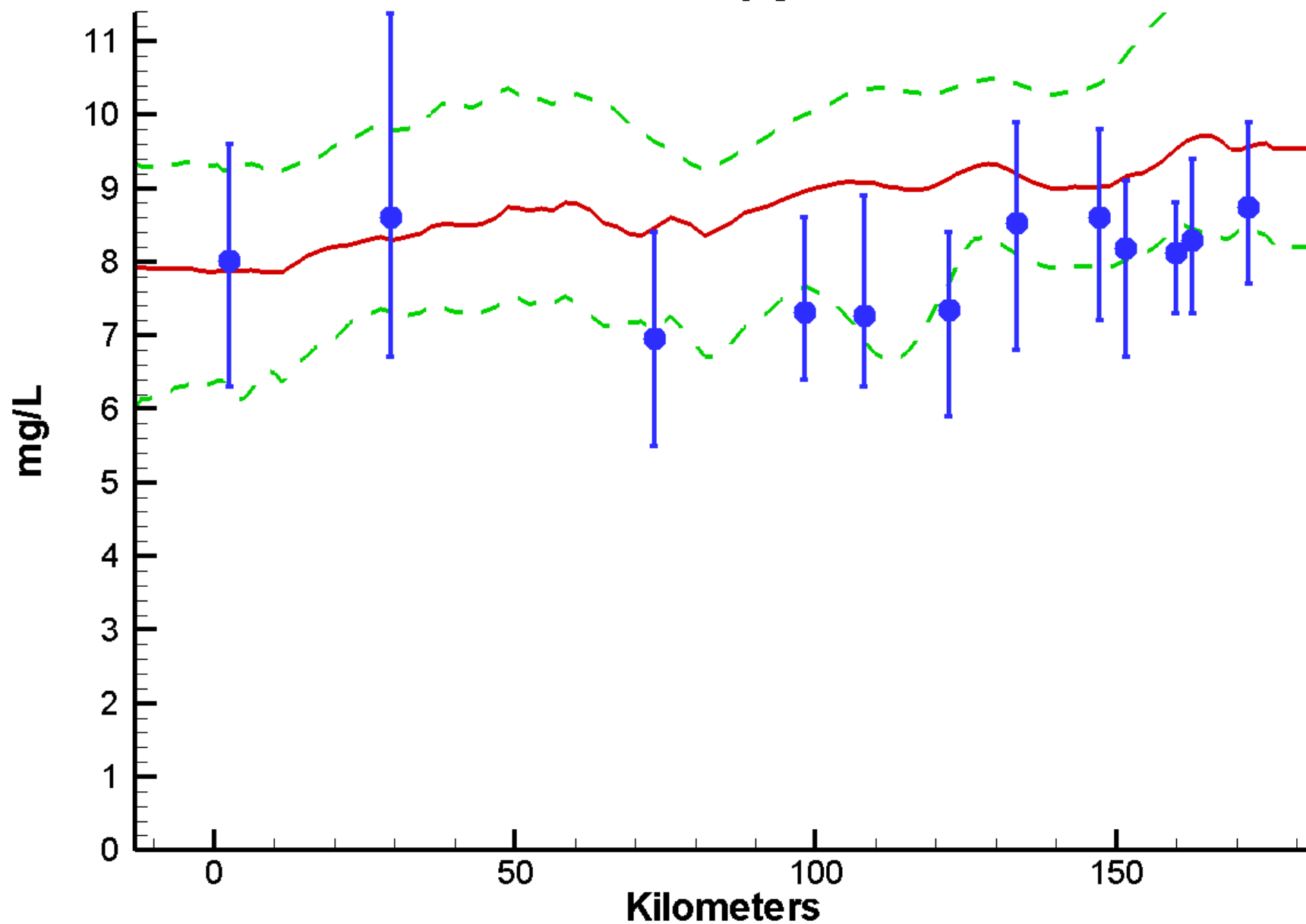
# Potomac River Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1994



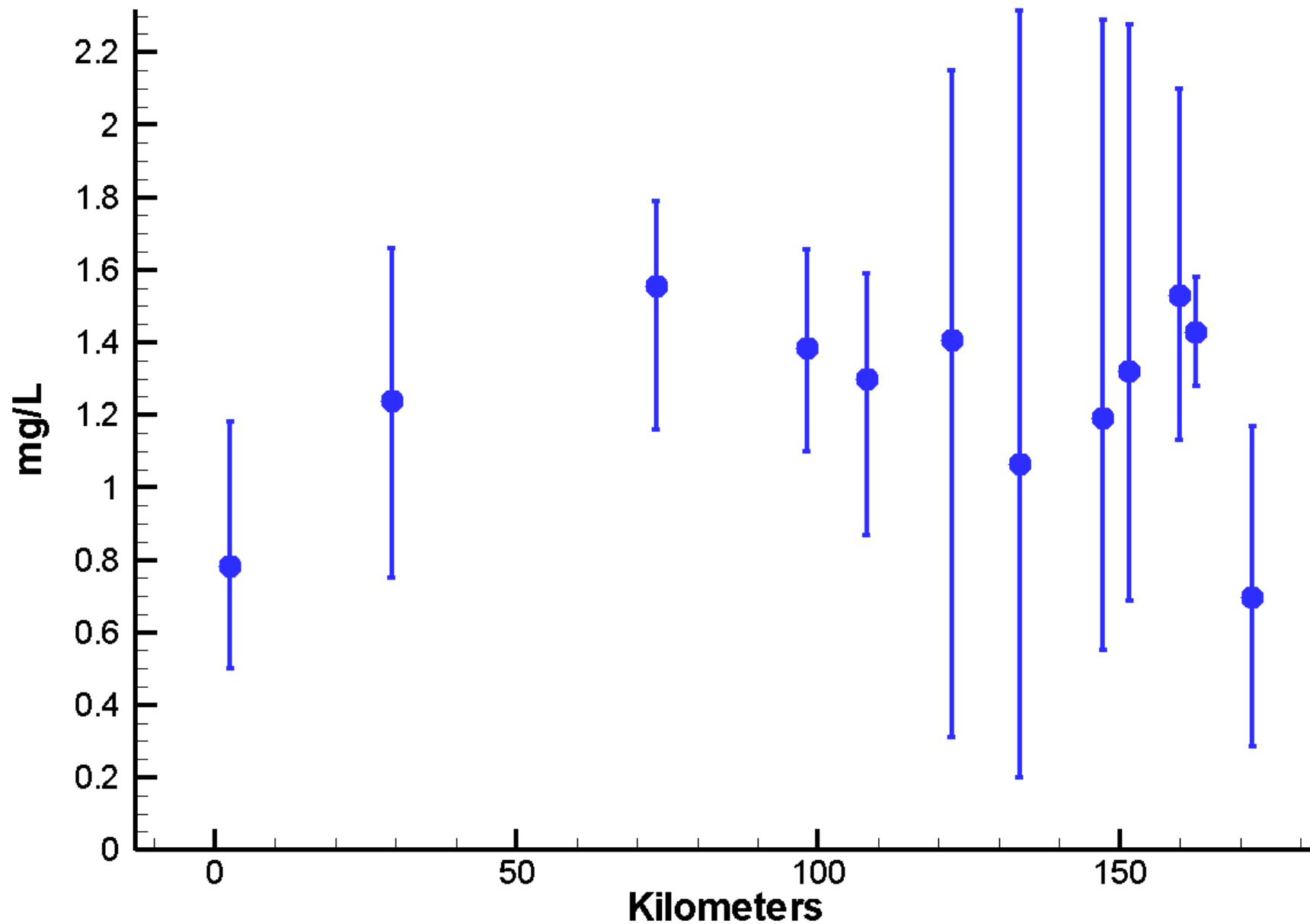
# Potomac River Ches2015 Run118

## Surface Dissolved Oxygen Fall 1994



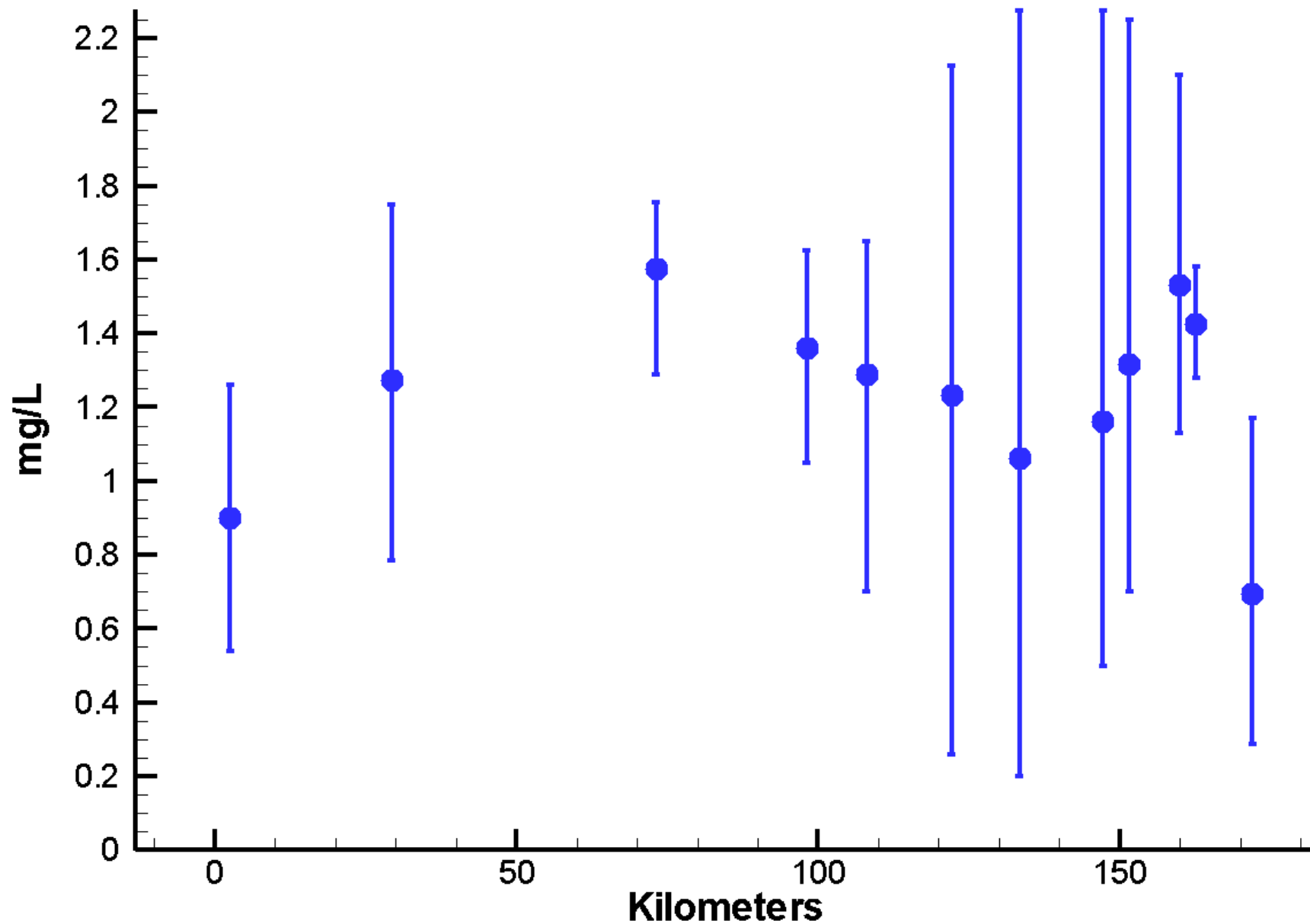
# Potomac River Ches2015 Run118

## Bottom Dissolved Silica Fall 1994

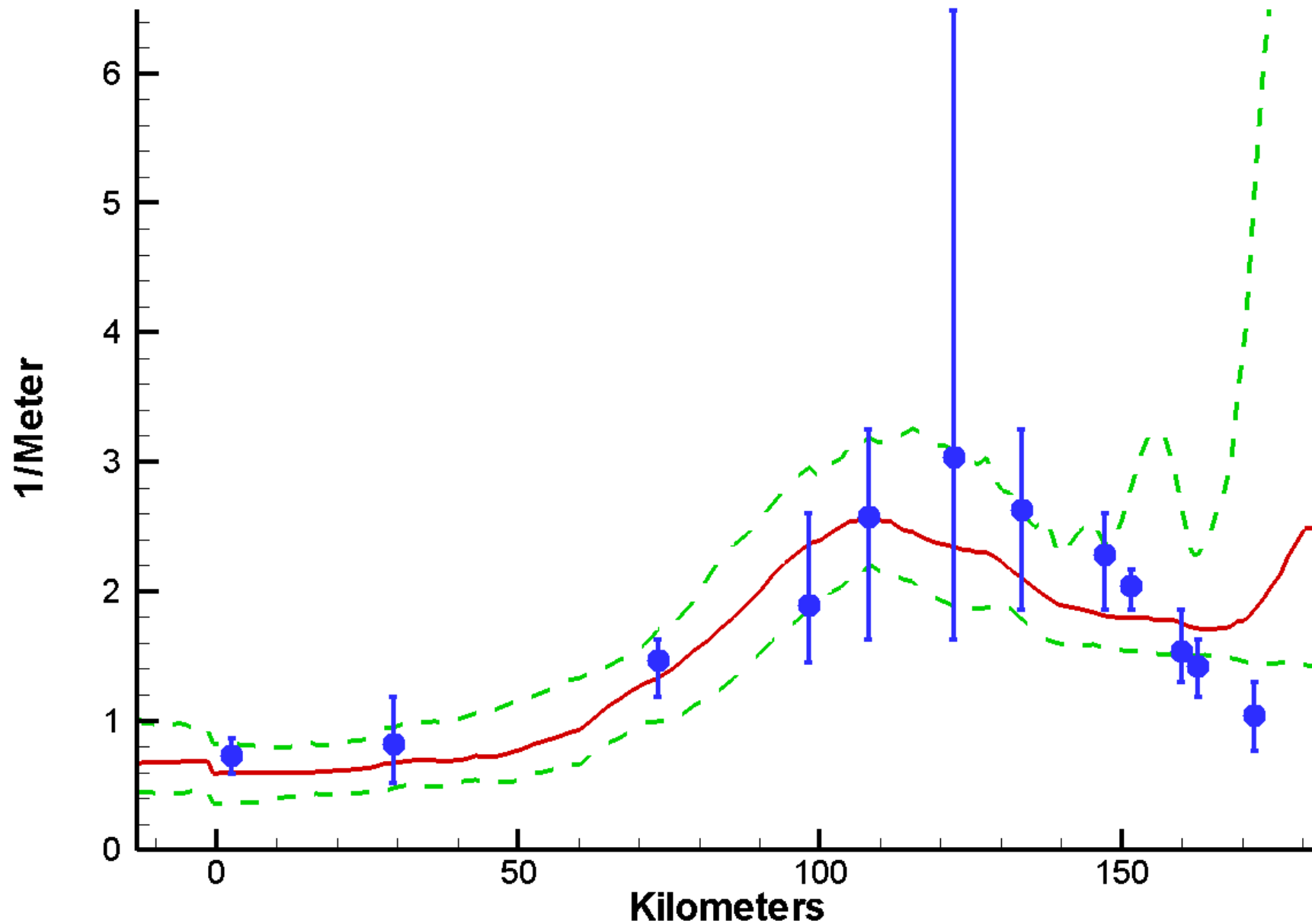


# Potomac River Ches2015 Run118

## Surface Dissolved Silica Fall 1994

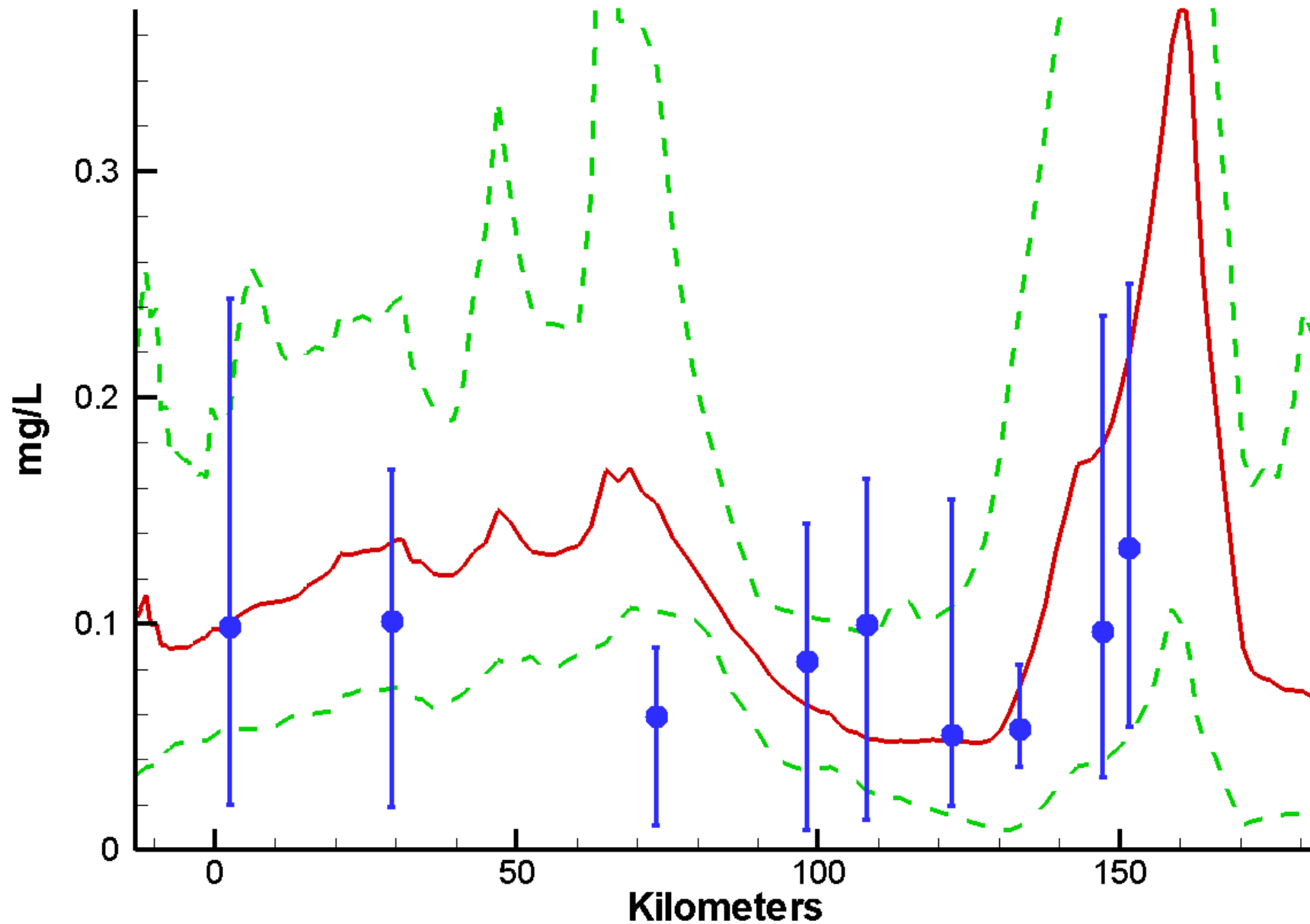


# Potomac River Ches2015 Run118 Surface Light Extinction Fall 1994



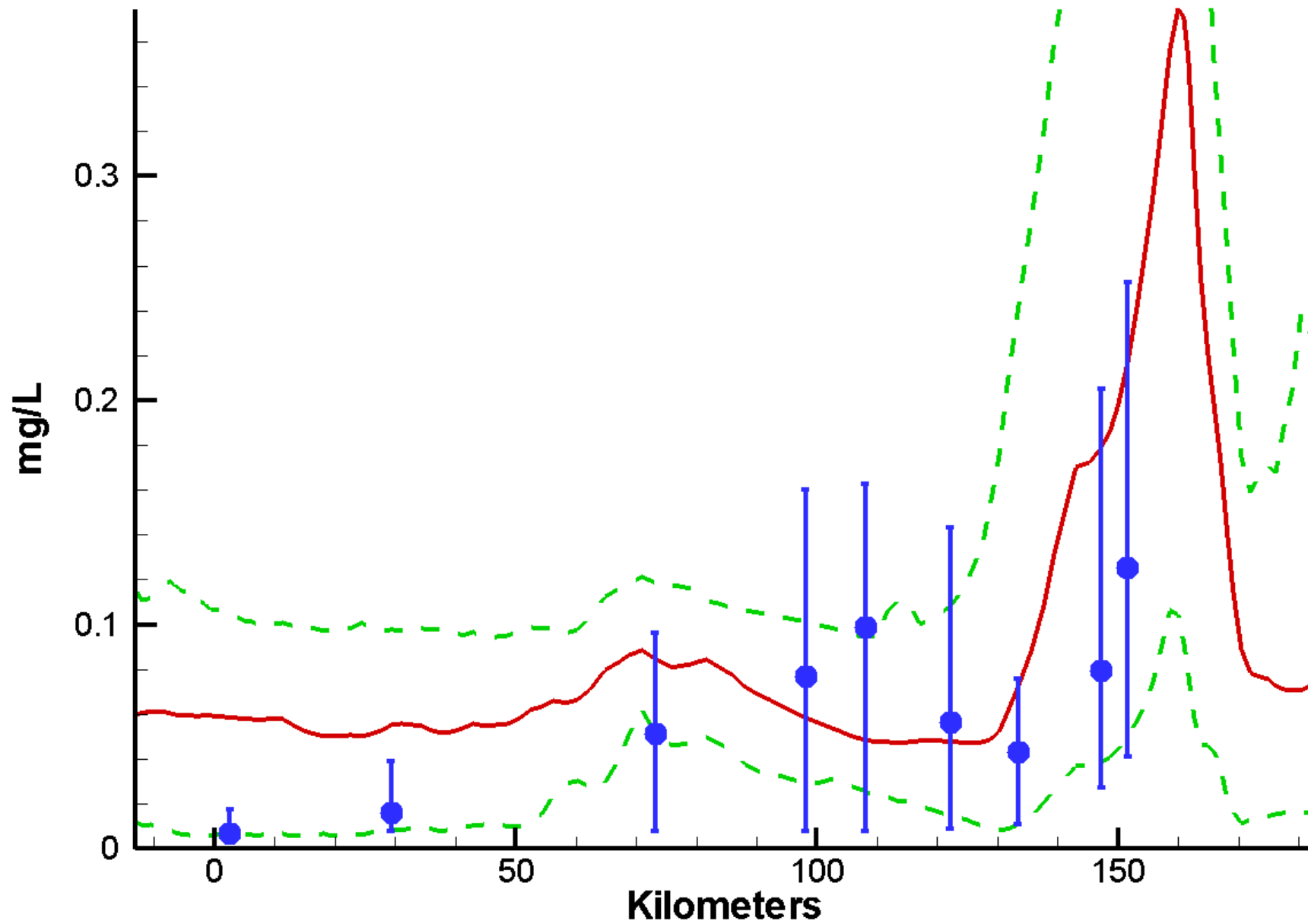
# Potomac River Ches2015 Run118

## Bottom Ammonium Fall 1994



# Potomac River Ches2015 Run118

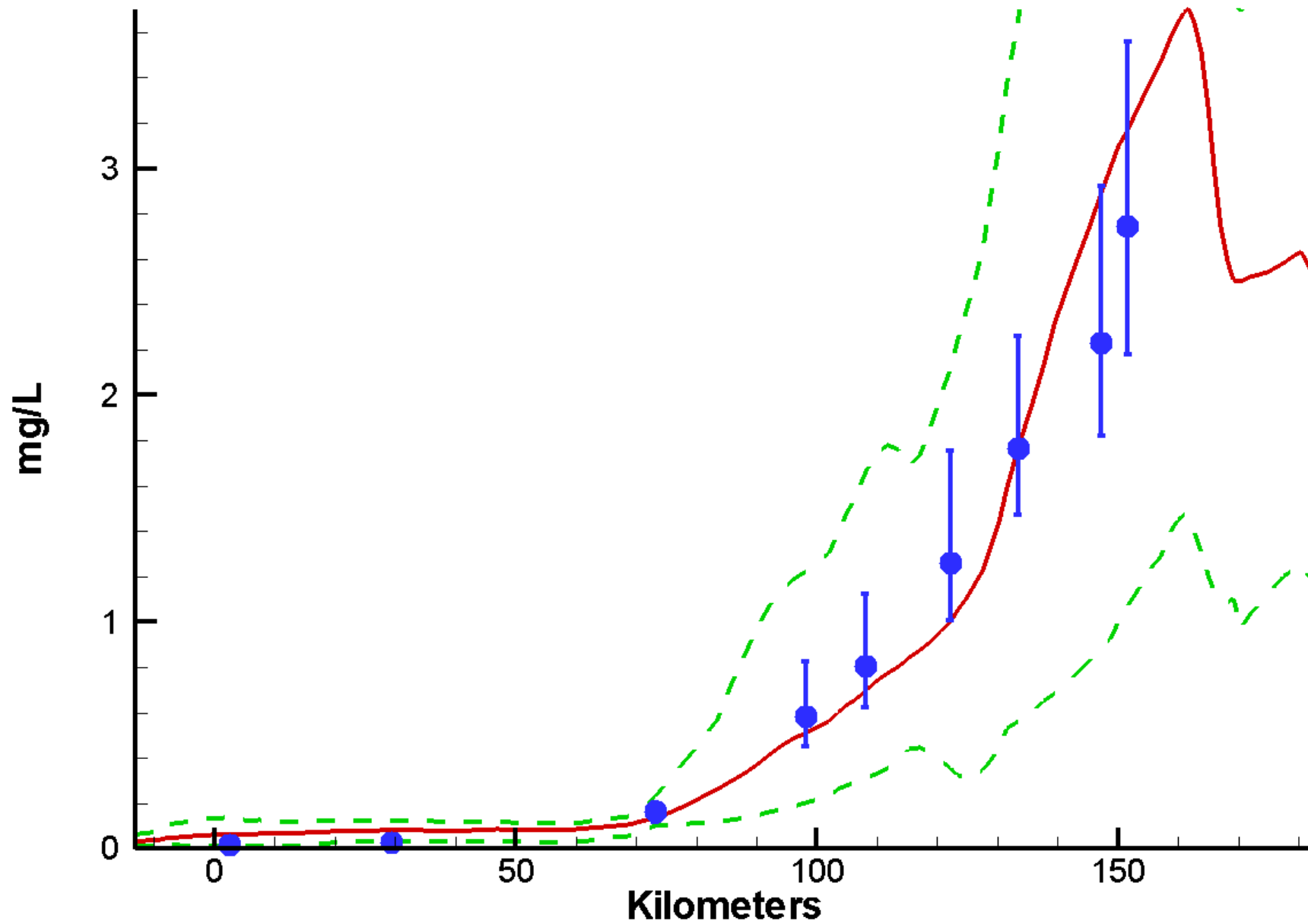
## Surface Ammonium Fall 1994





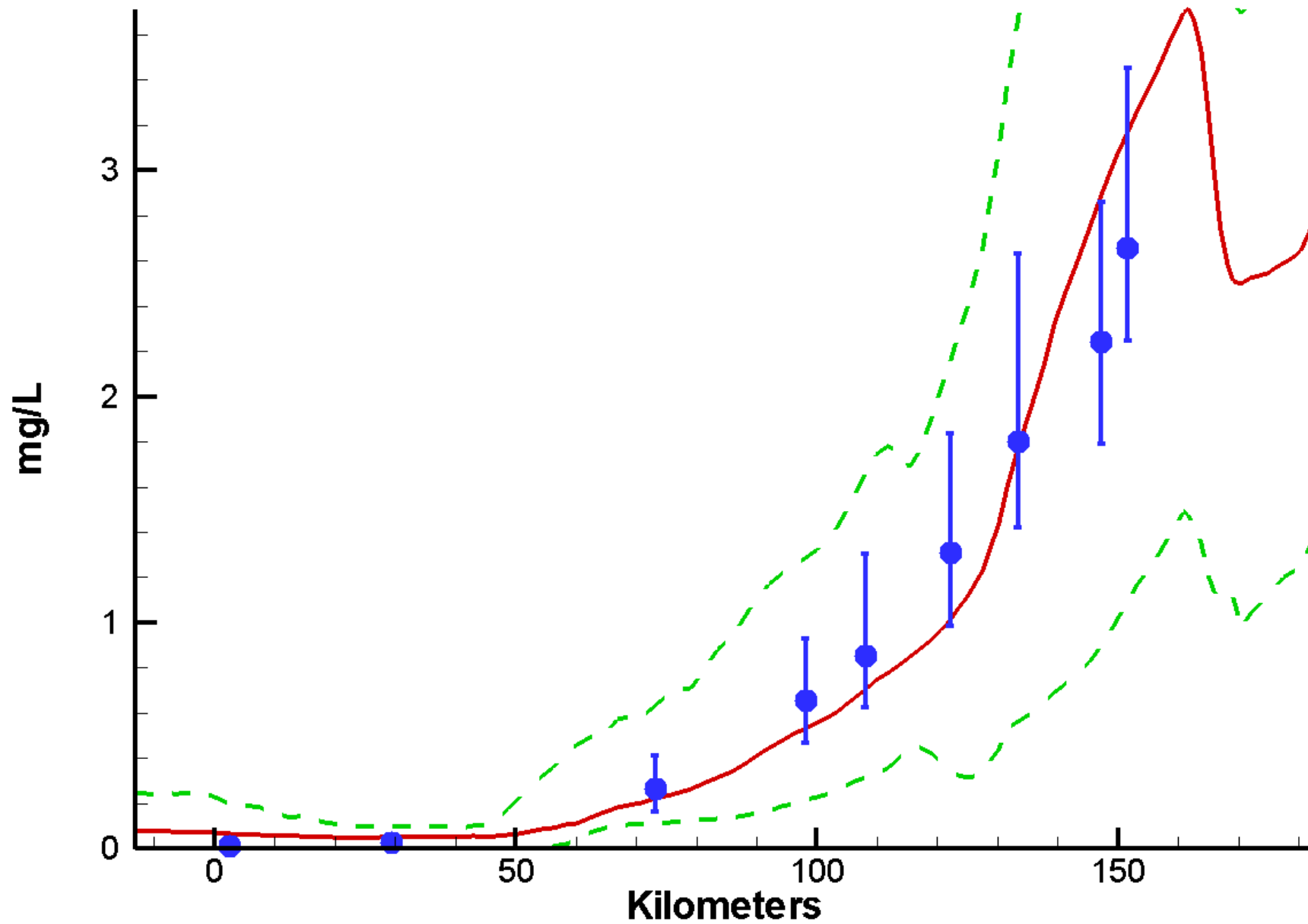
# Potomac River Ches2015 Run118

## Bottom Nitrate Fall 1994



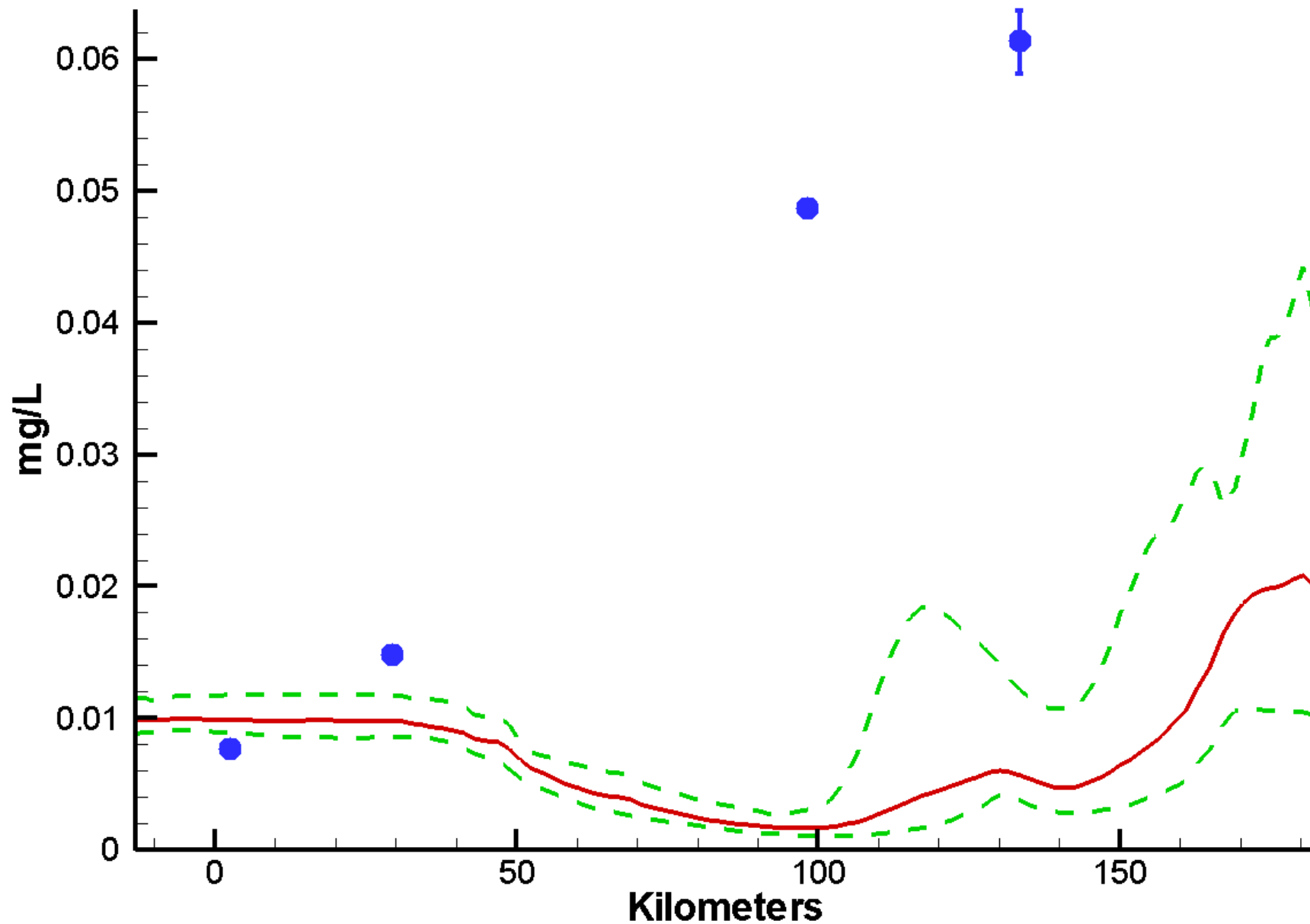
# Potomac River Ches2015 Run118

## Surface Nitrate Fall 1994



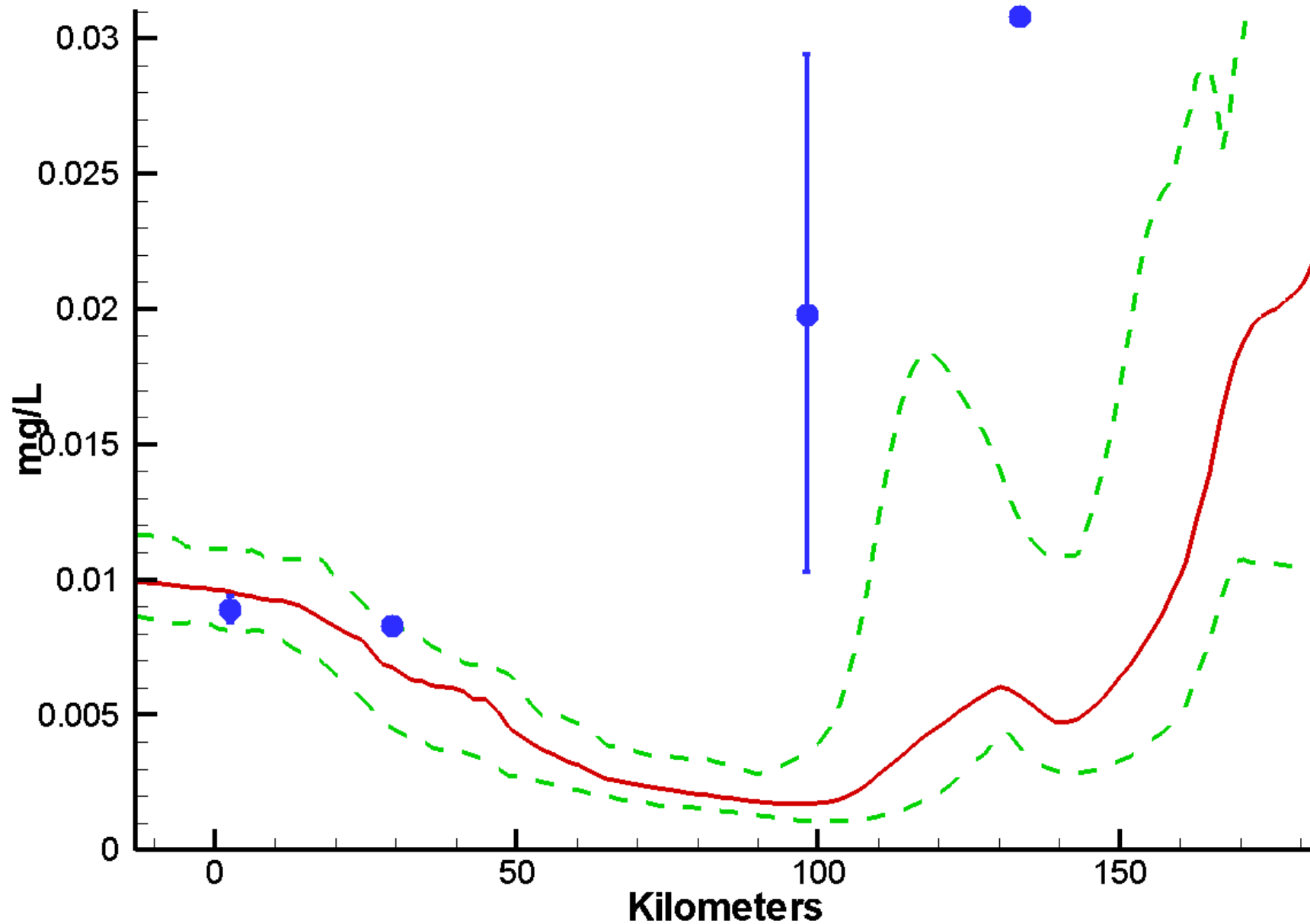
# Potomac River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1994



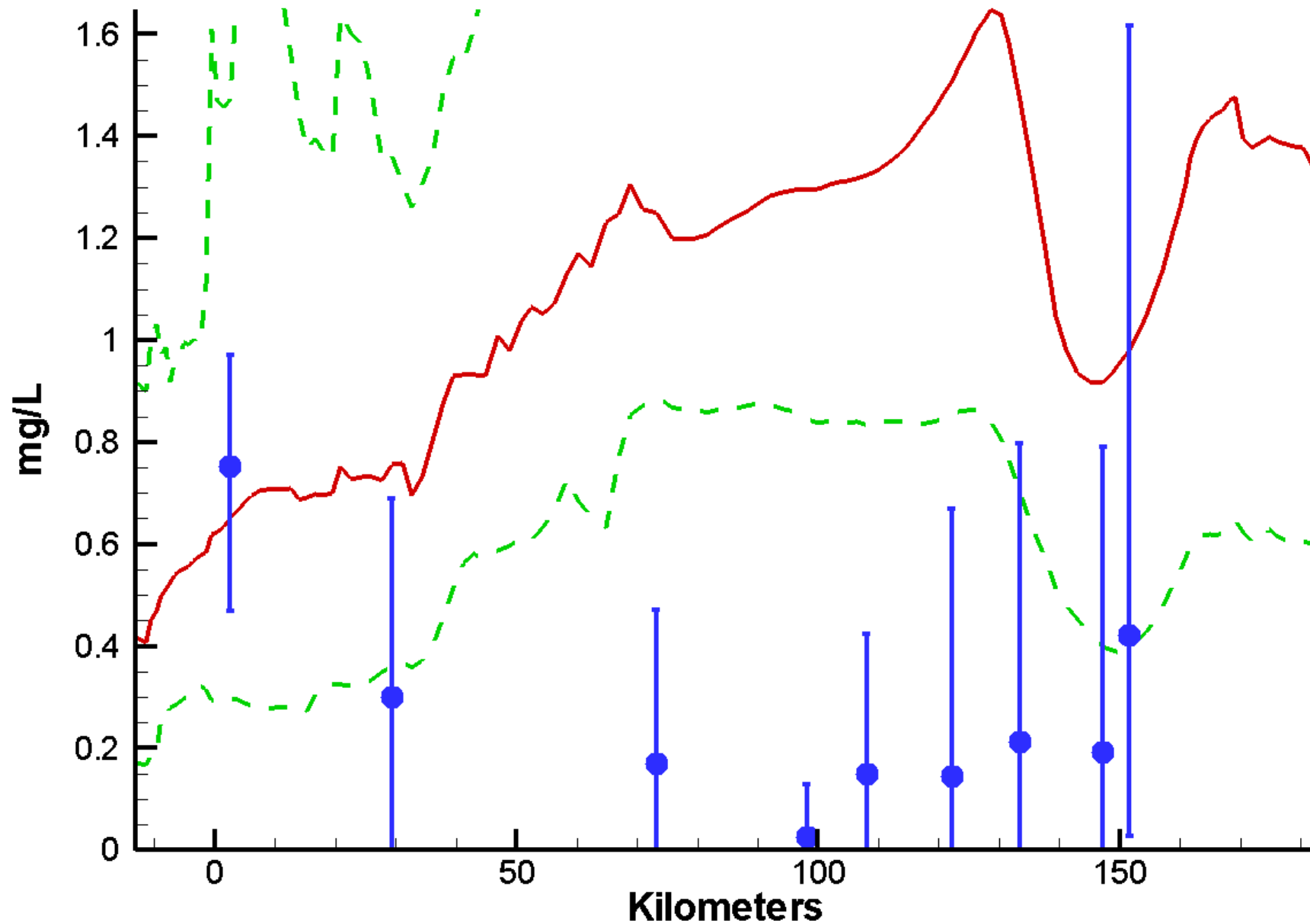
# Potomac River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Fall 1994



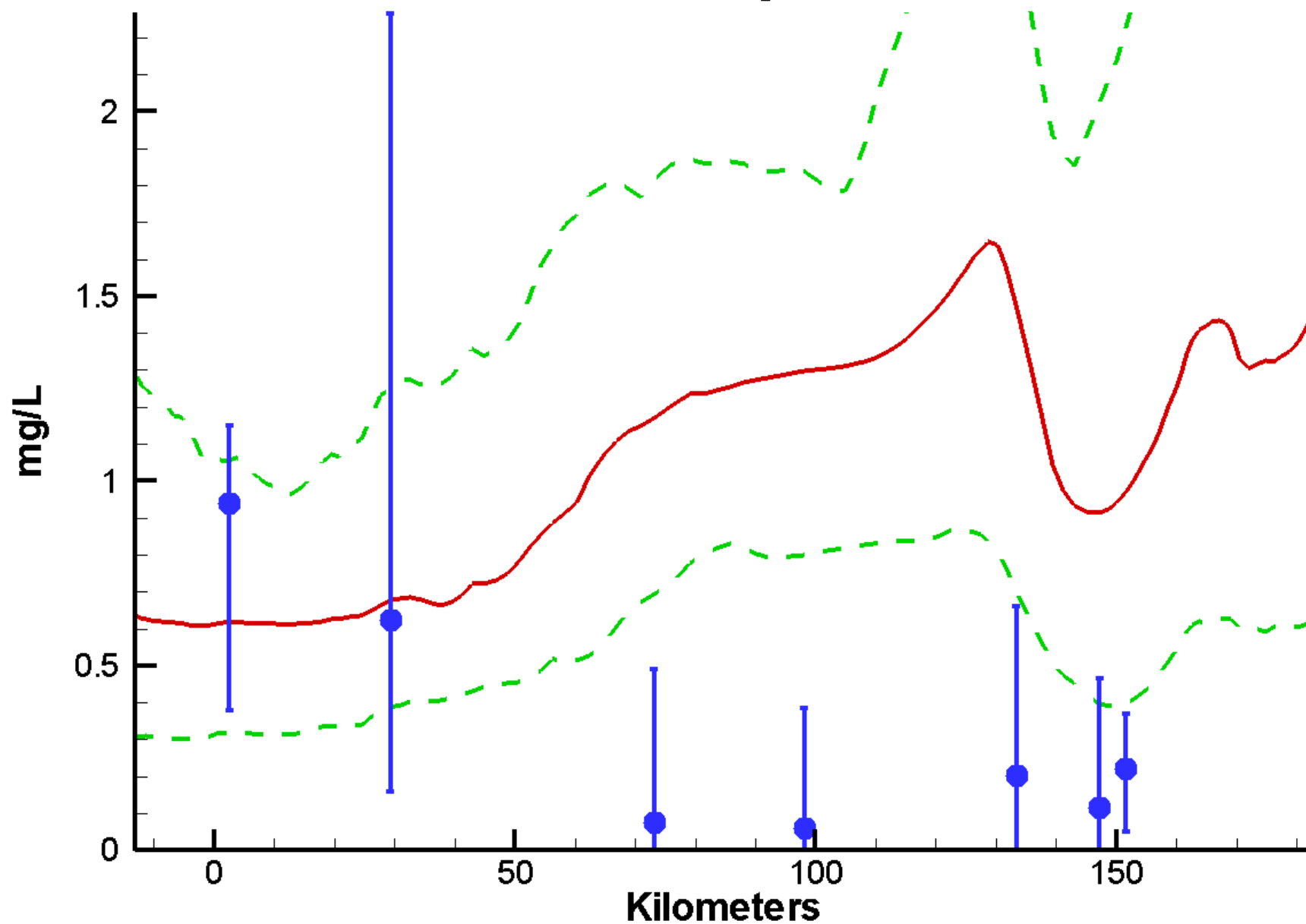
# Potomac River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1994



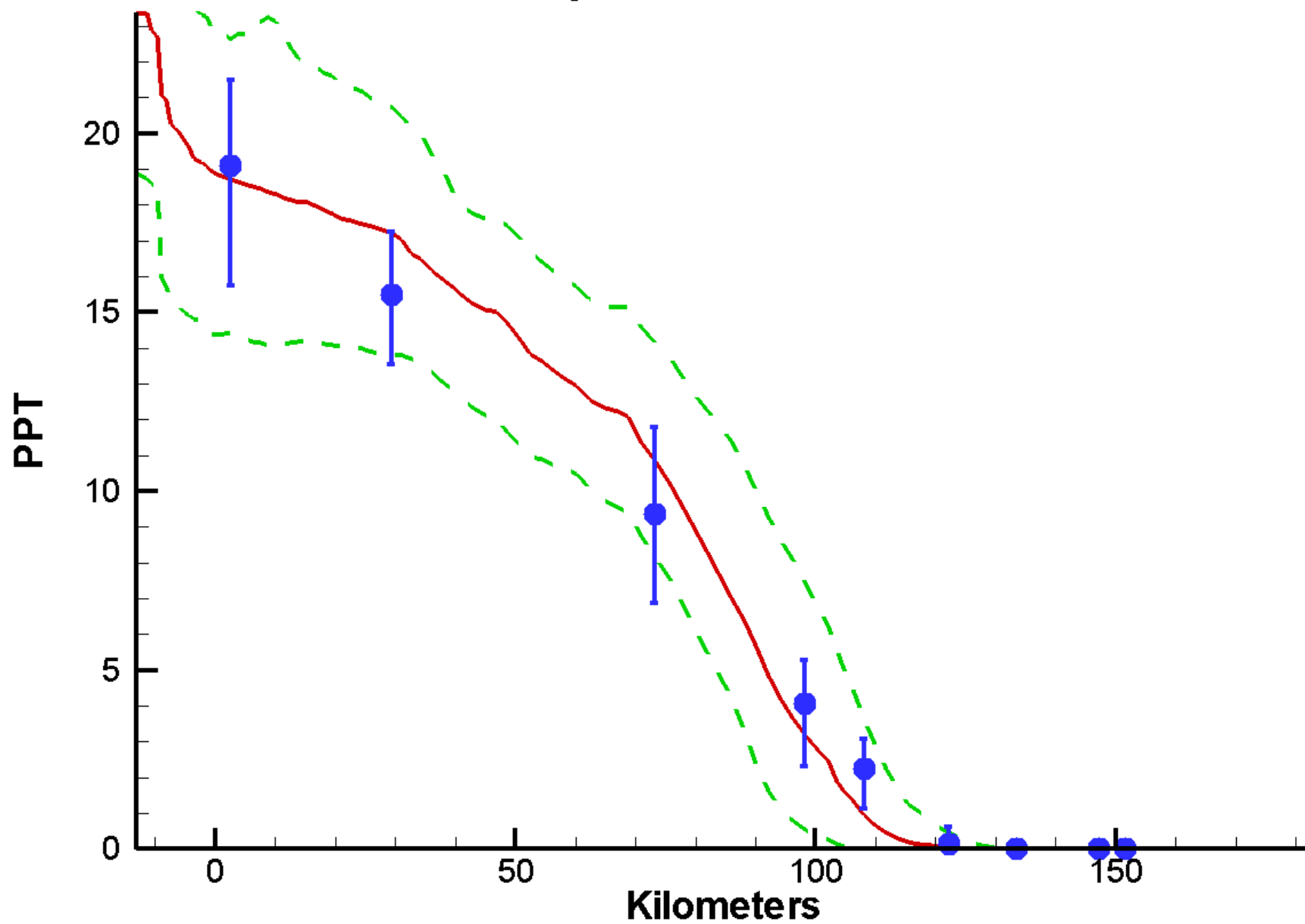
# Potomac River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1994



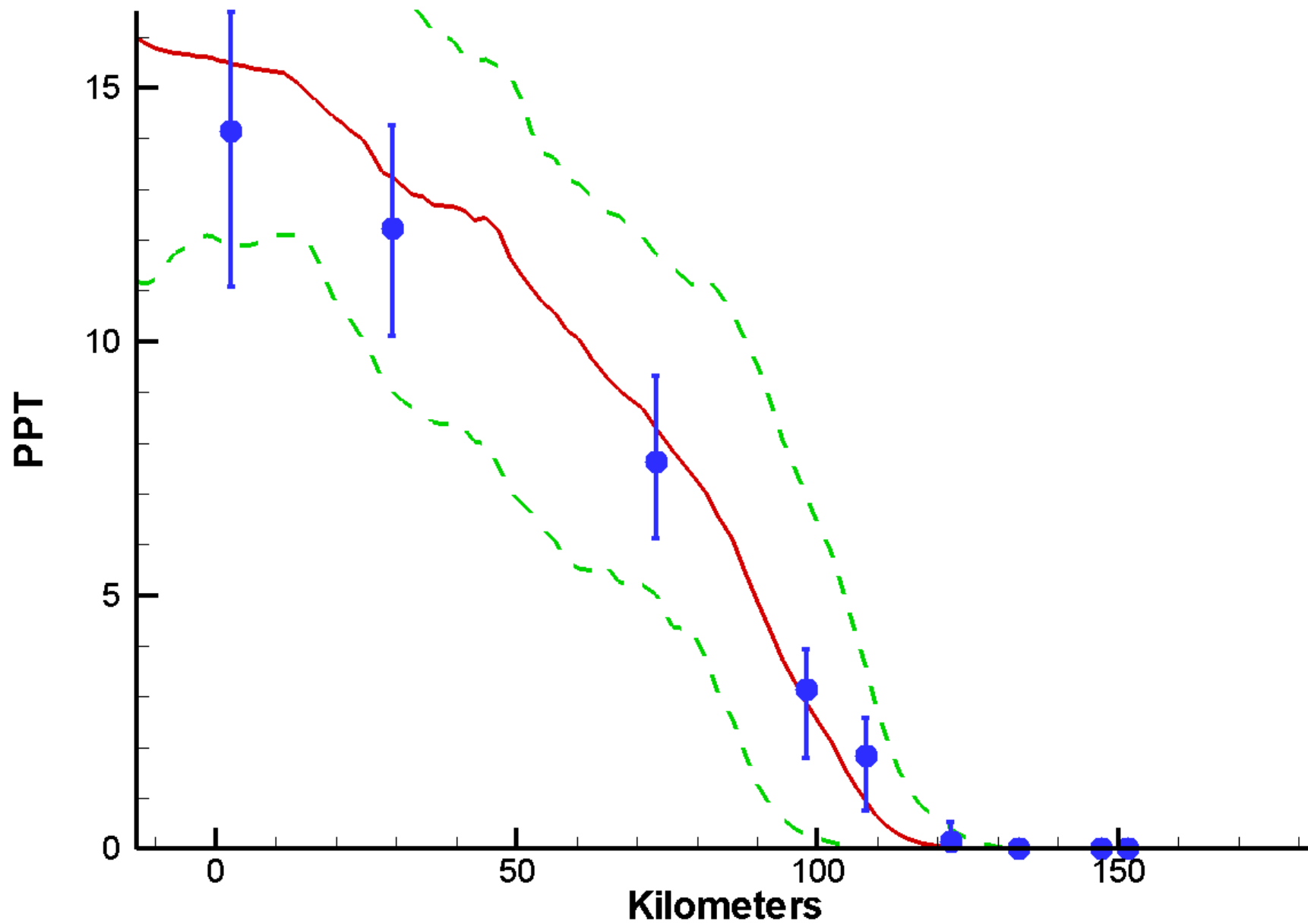
# Potomac River Ches2015 Run118

## Bottom Salinity Fall 1994



# Potomac River Ches2015 Run118

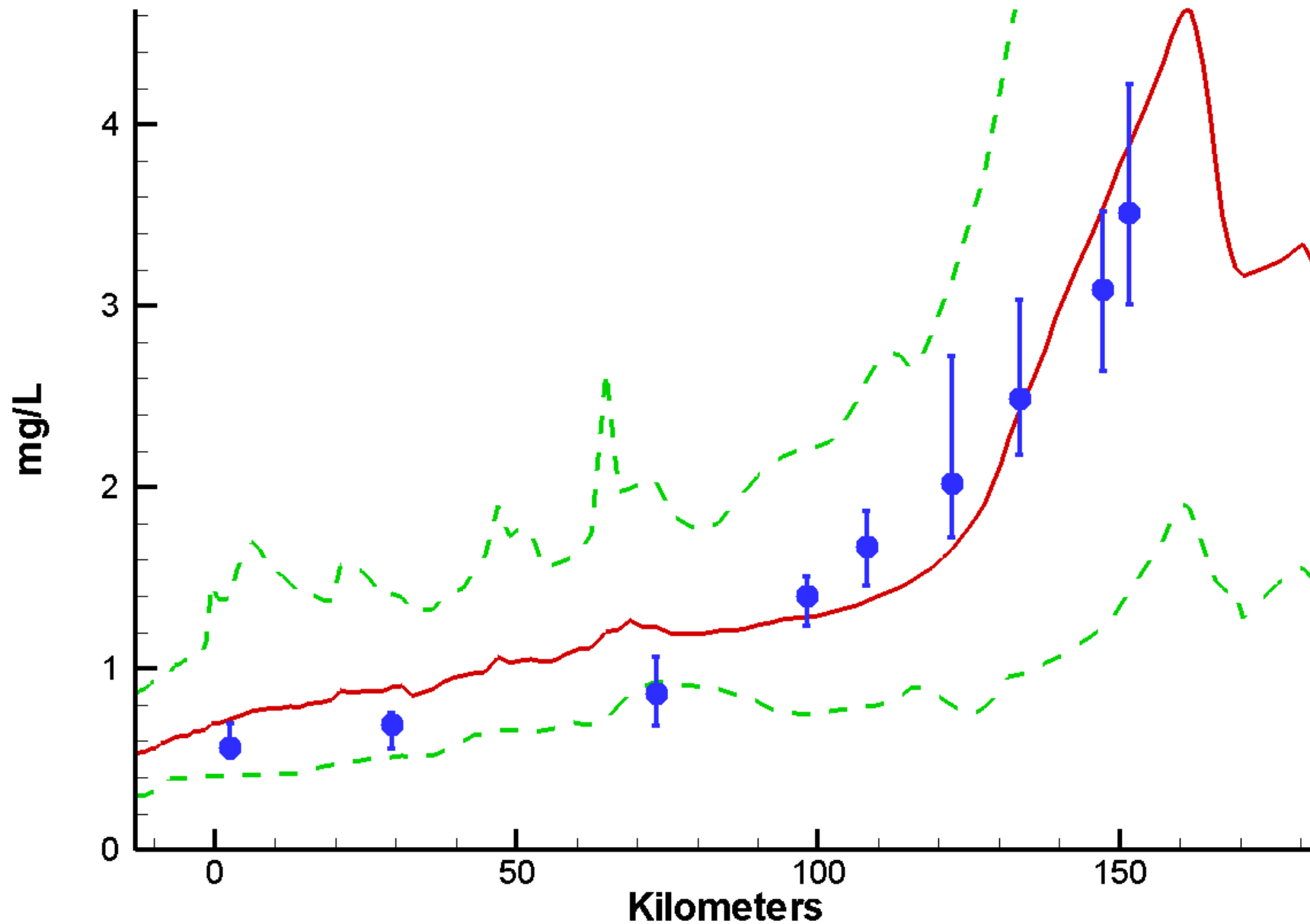
## Surface Salinity Fall 1994





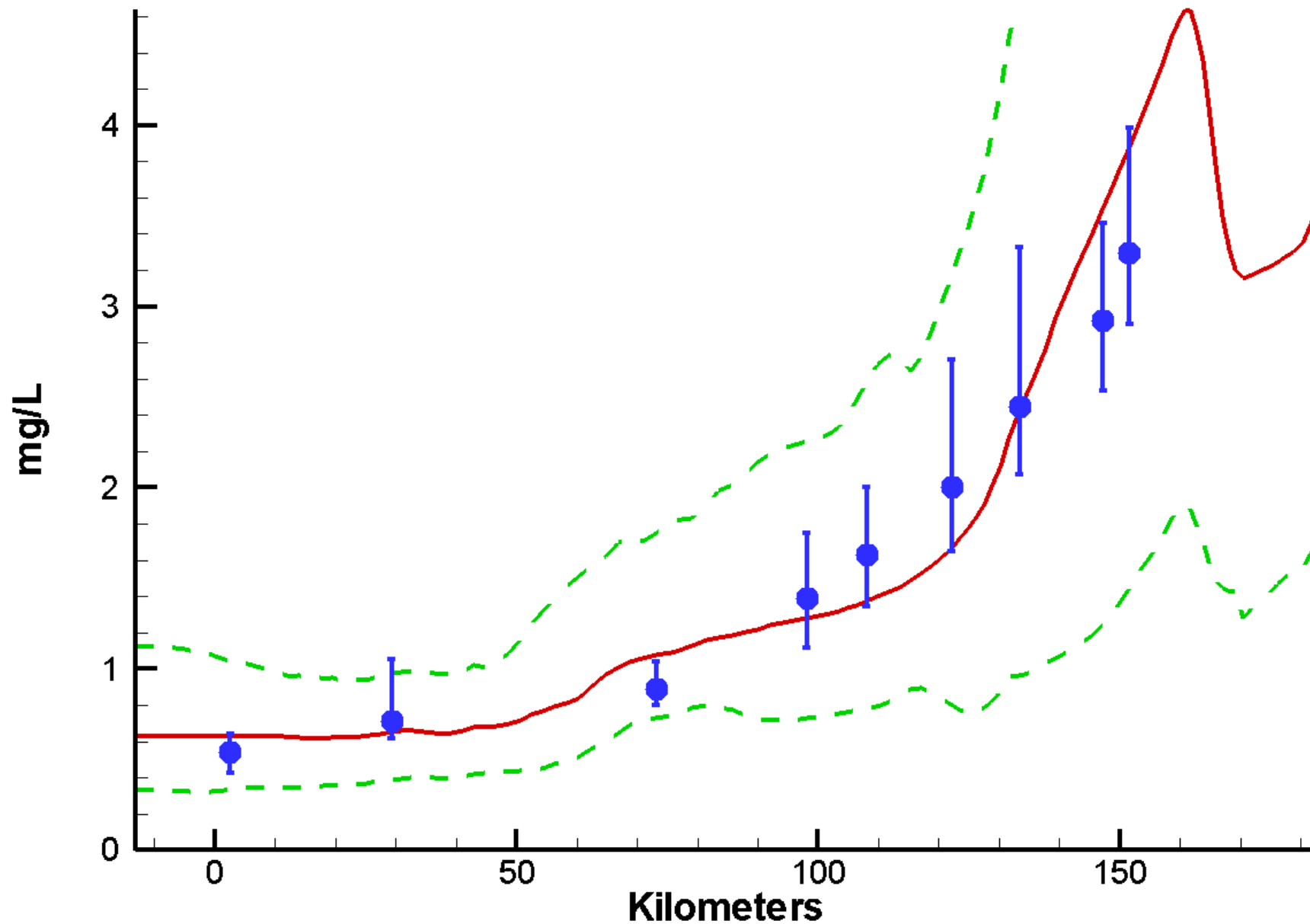
# Potomac River Ches2015 Run118

## Bottom Total Nitrogen Fall 1994



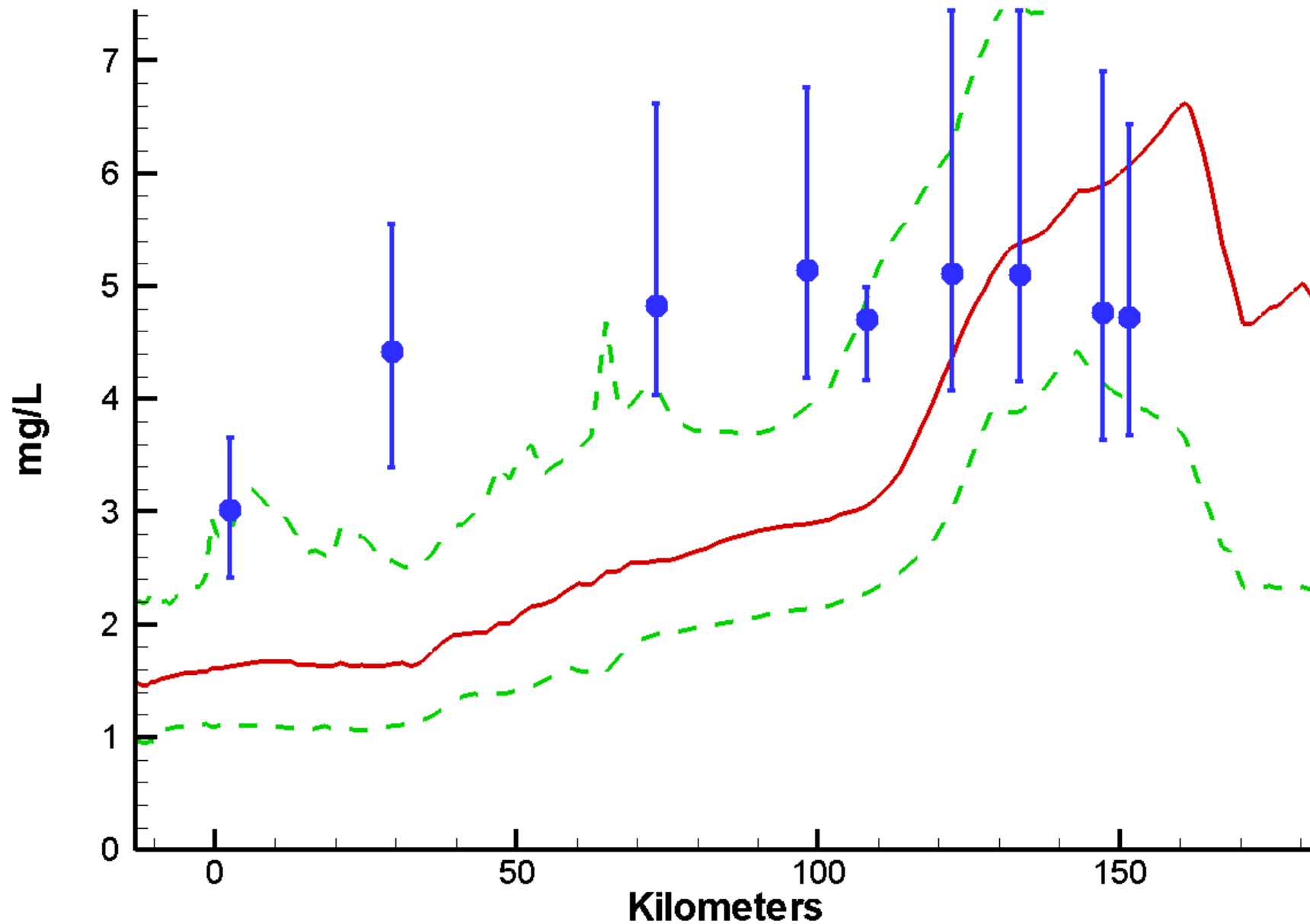
# Potomac River Ches2015 Run118

## Surface Total Nitrogen Fall 1994



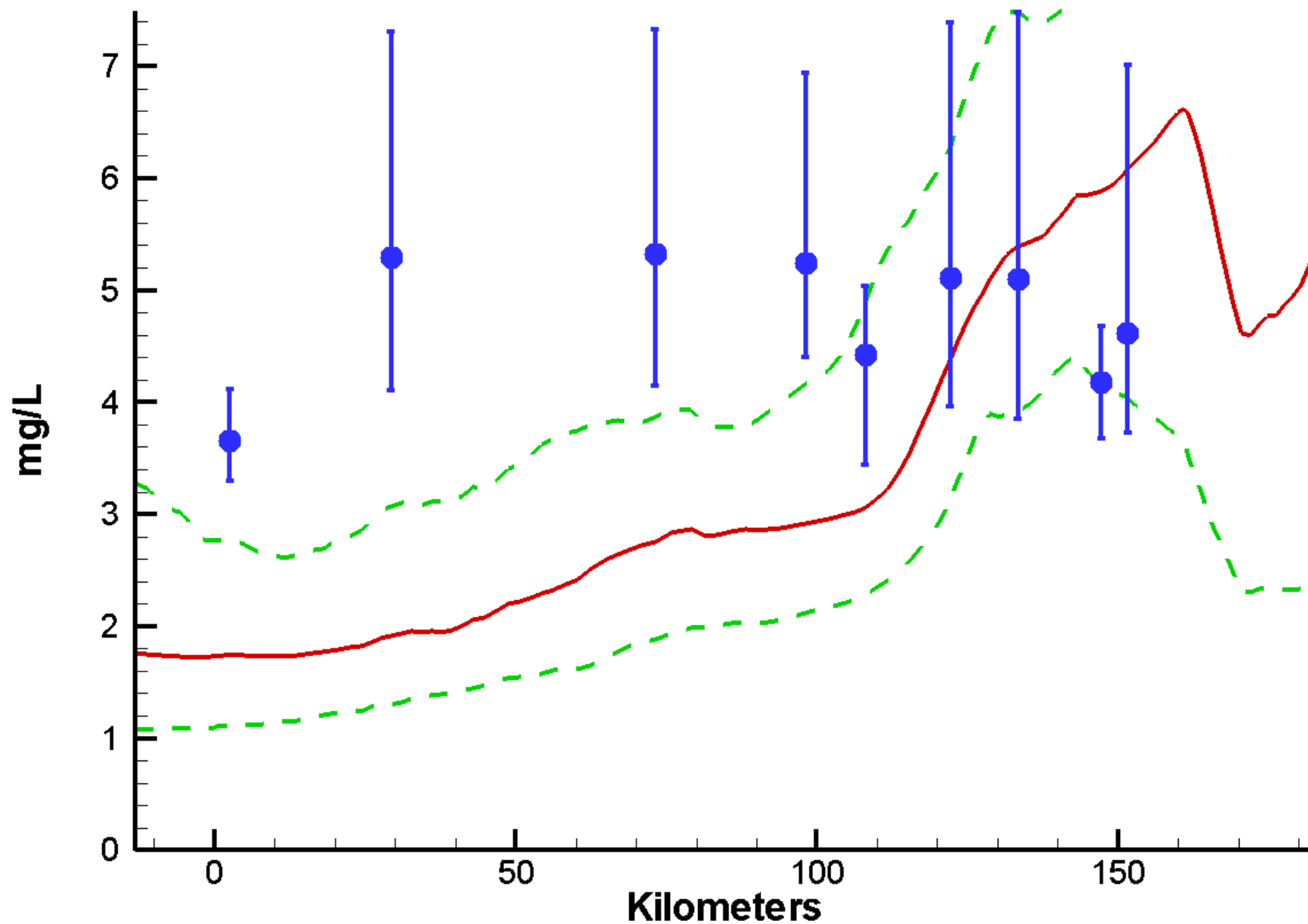
# Potomac River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1994



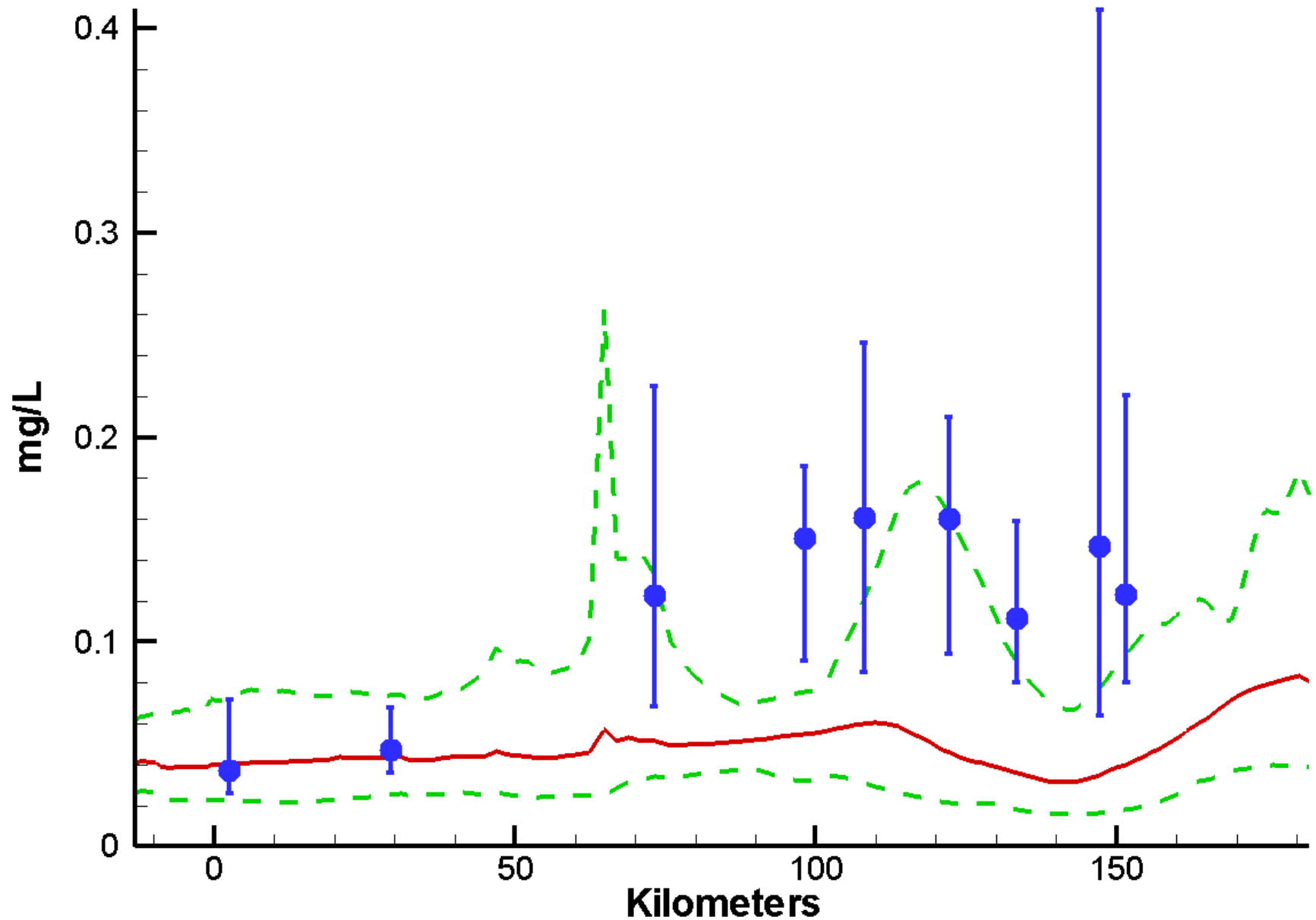
# Potomac River Ches2015 Run118

## Surface Total Organic Carbon Fall 1994



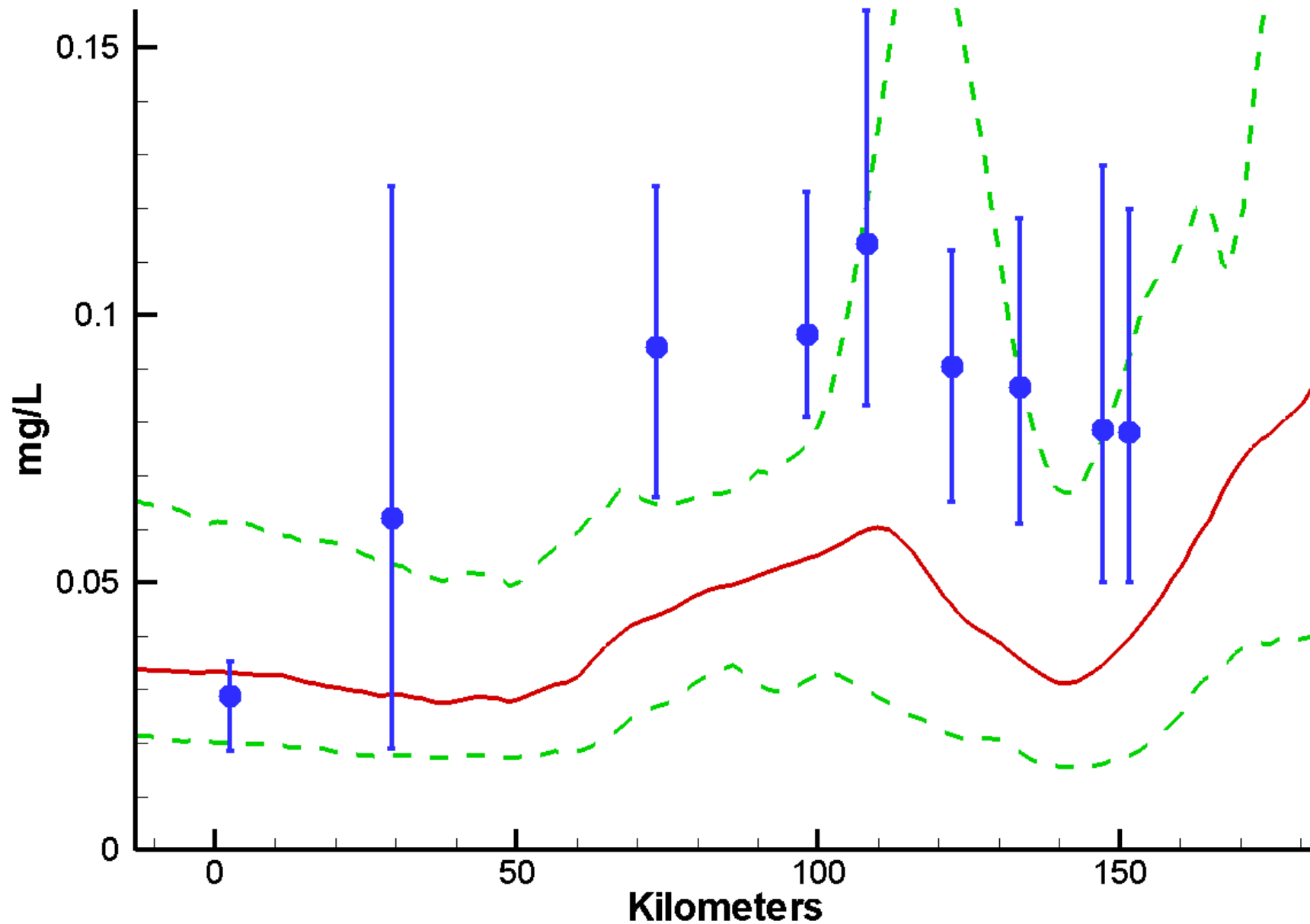
# Potomac River Ches2015 Run118

## Bottom Total Phosphorus Fall 1994



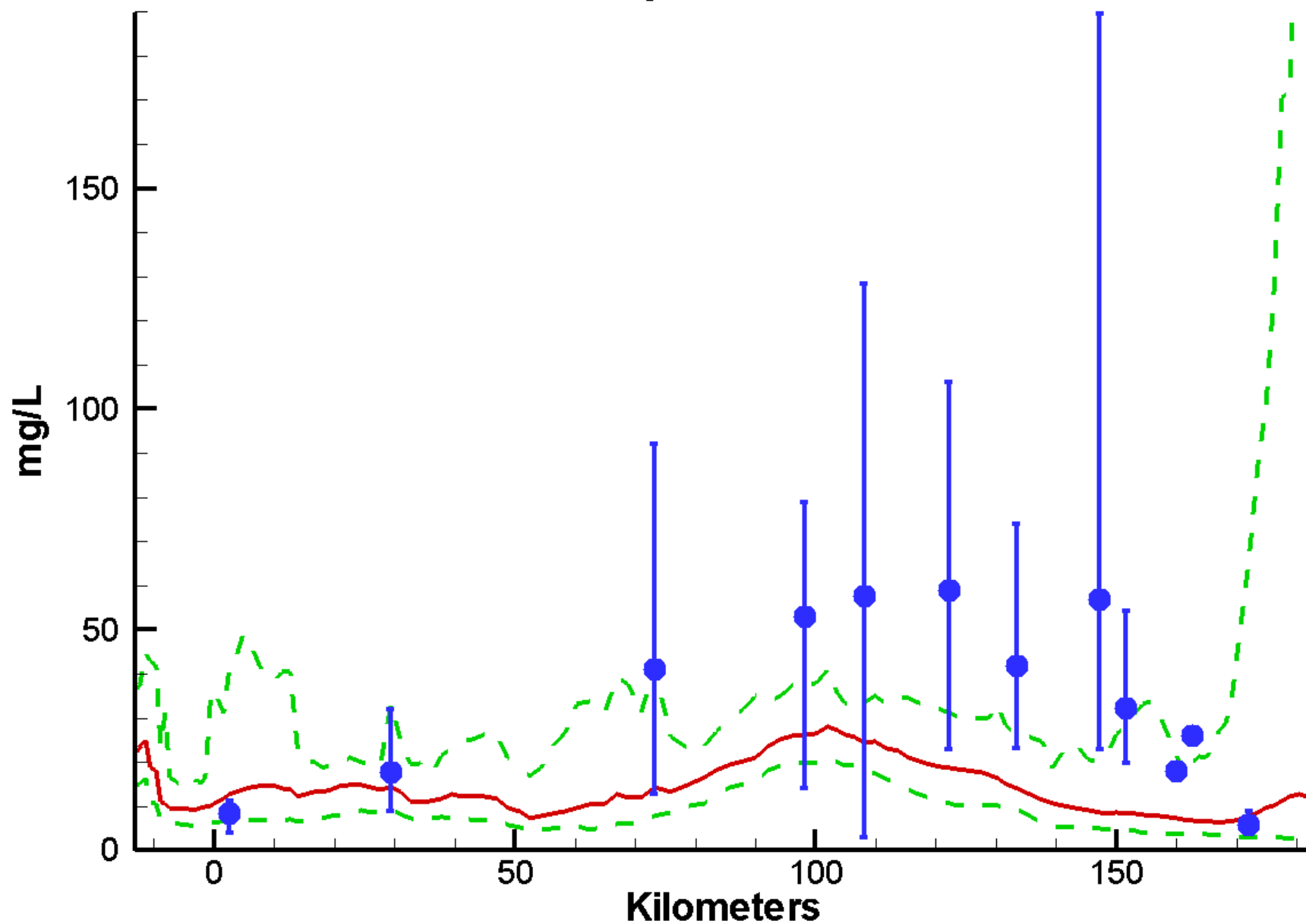
# Potomac River Ches2015 Run118

## Surface Total Phosphorus Fall 1994



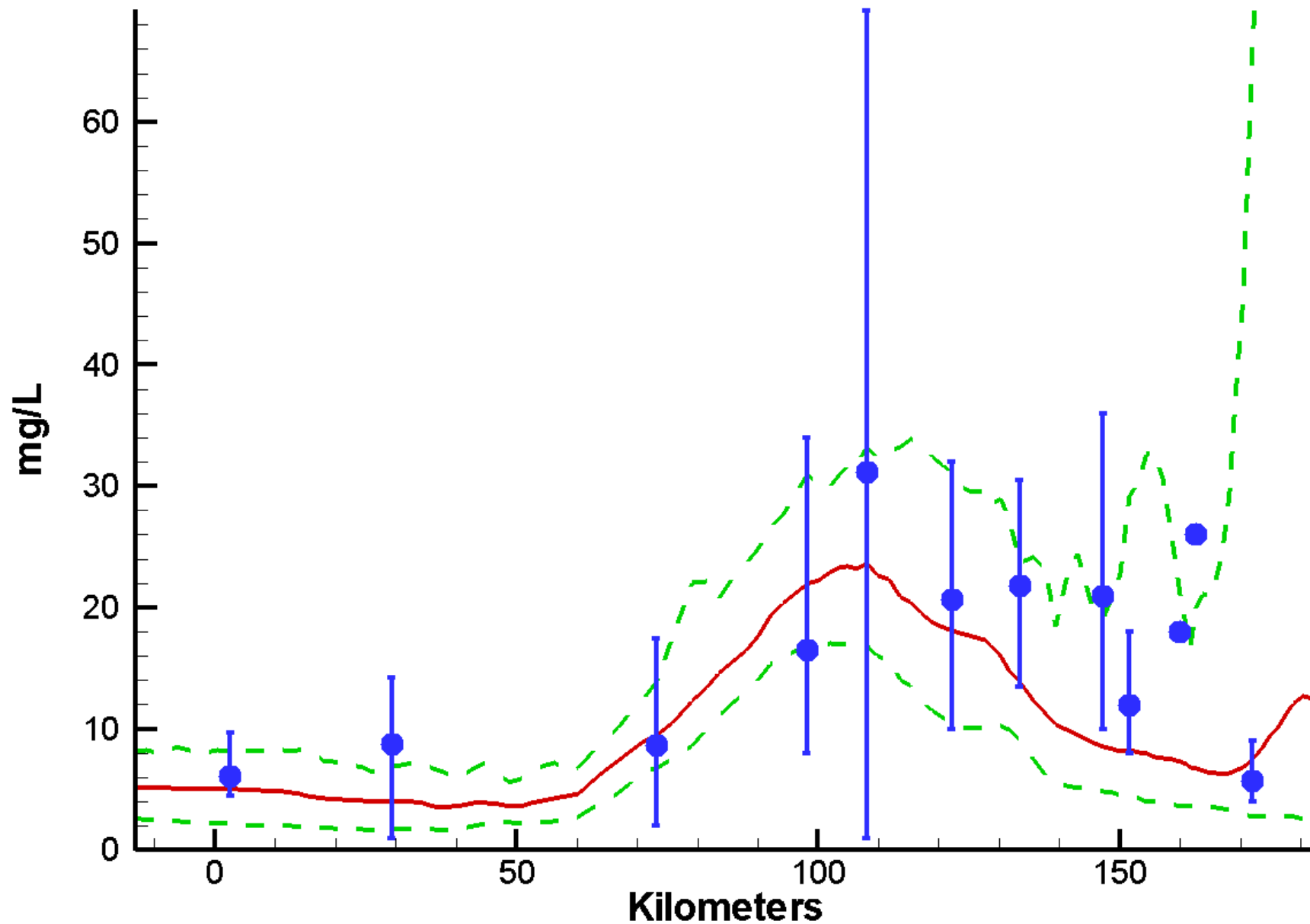
# Potomac River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1994



# Potomac River Ches2015 Run118

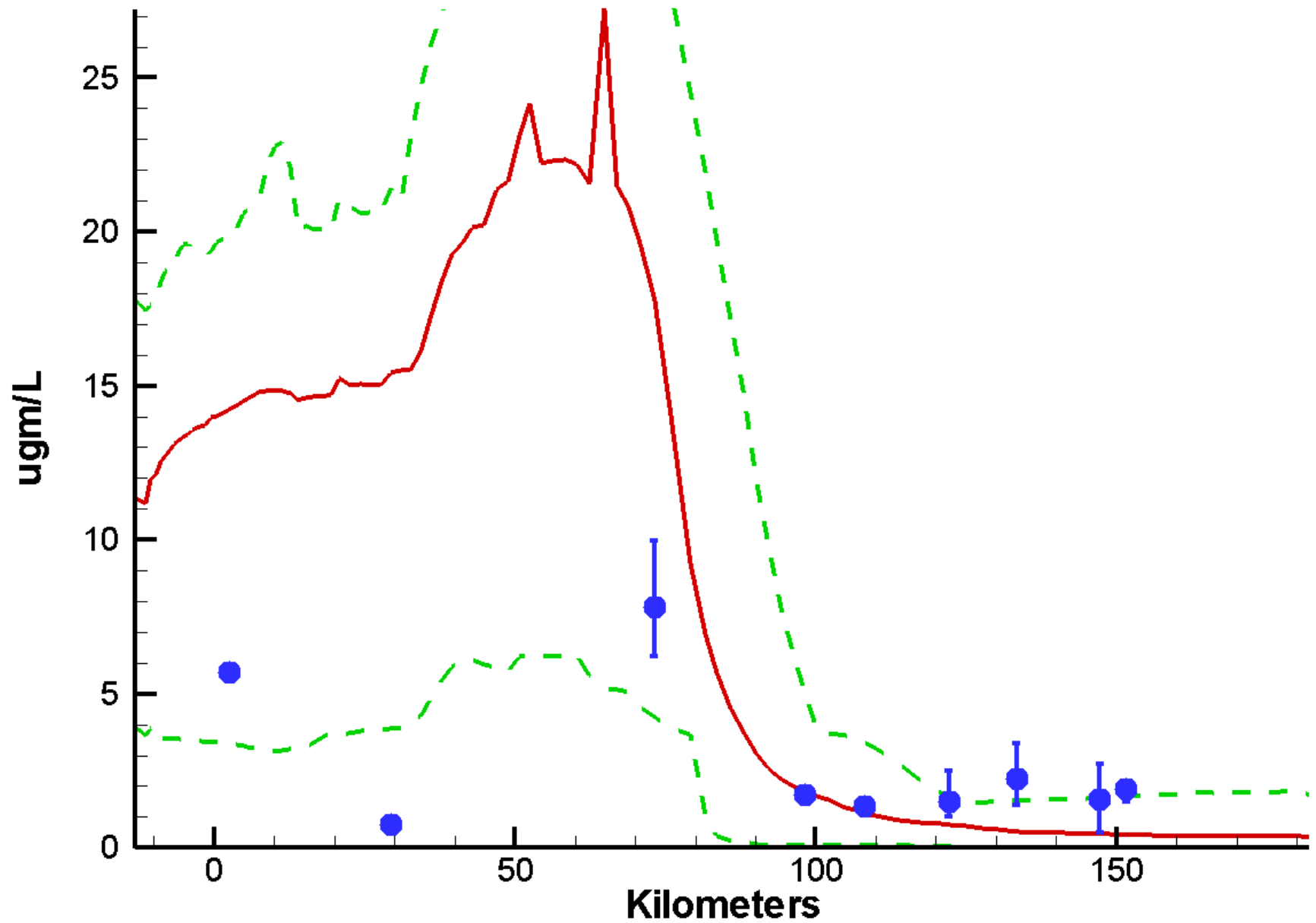
## Surface Total Suspended Solids Fall 1994





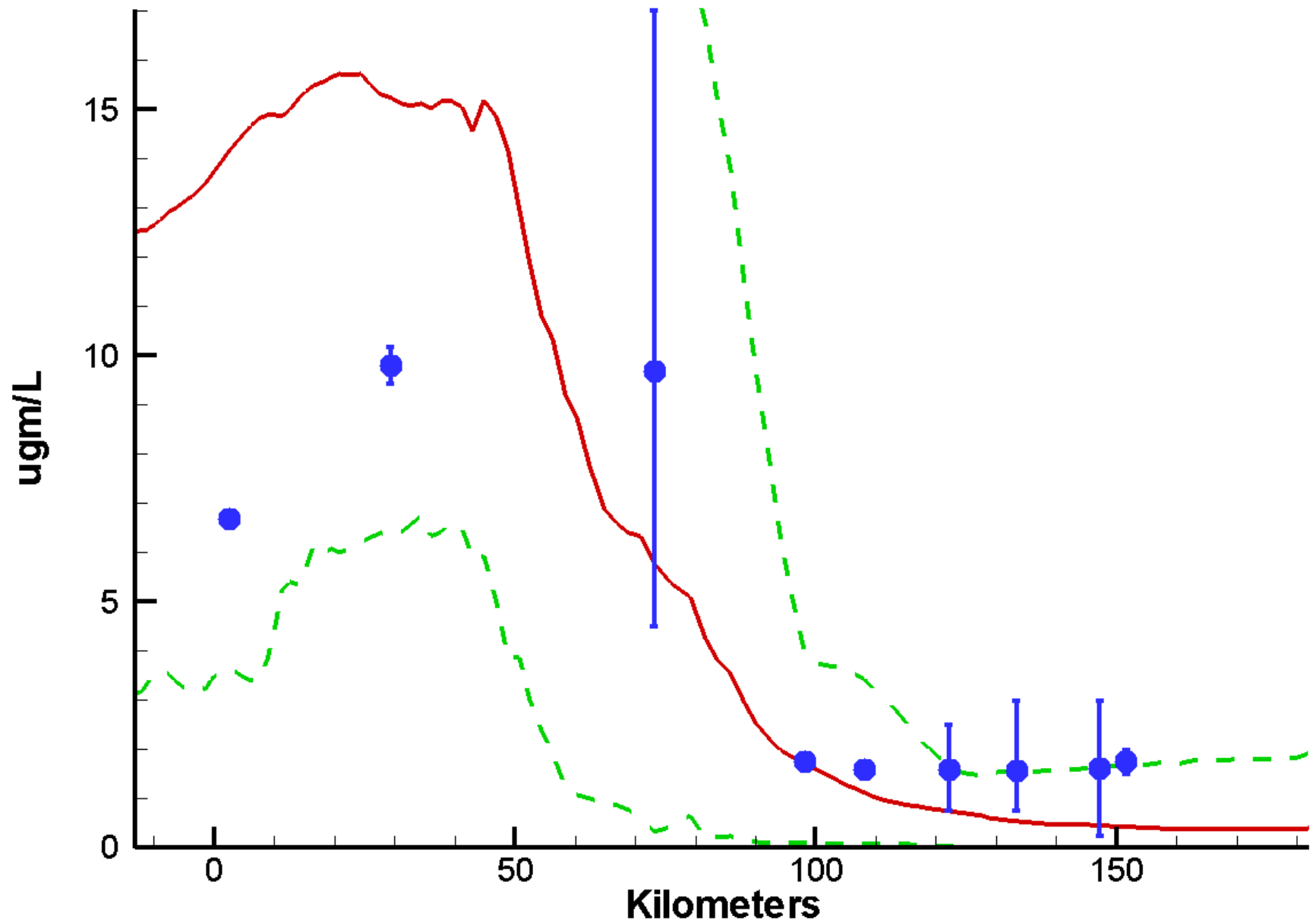
# Potomac River Ches2015 Run118

## Bottom Chlorophyll Winter 1996



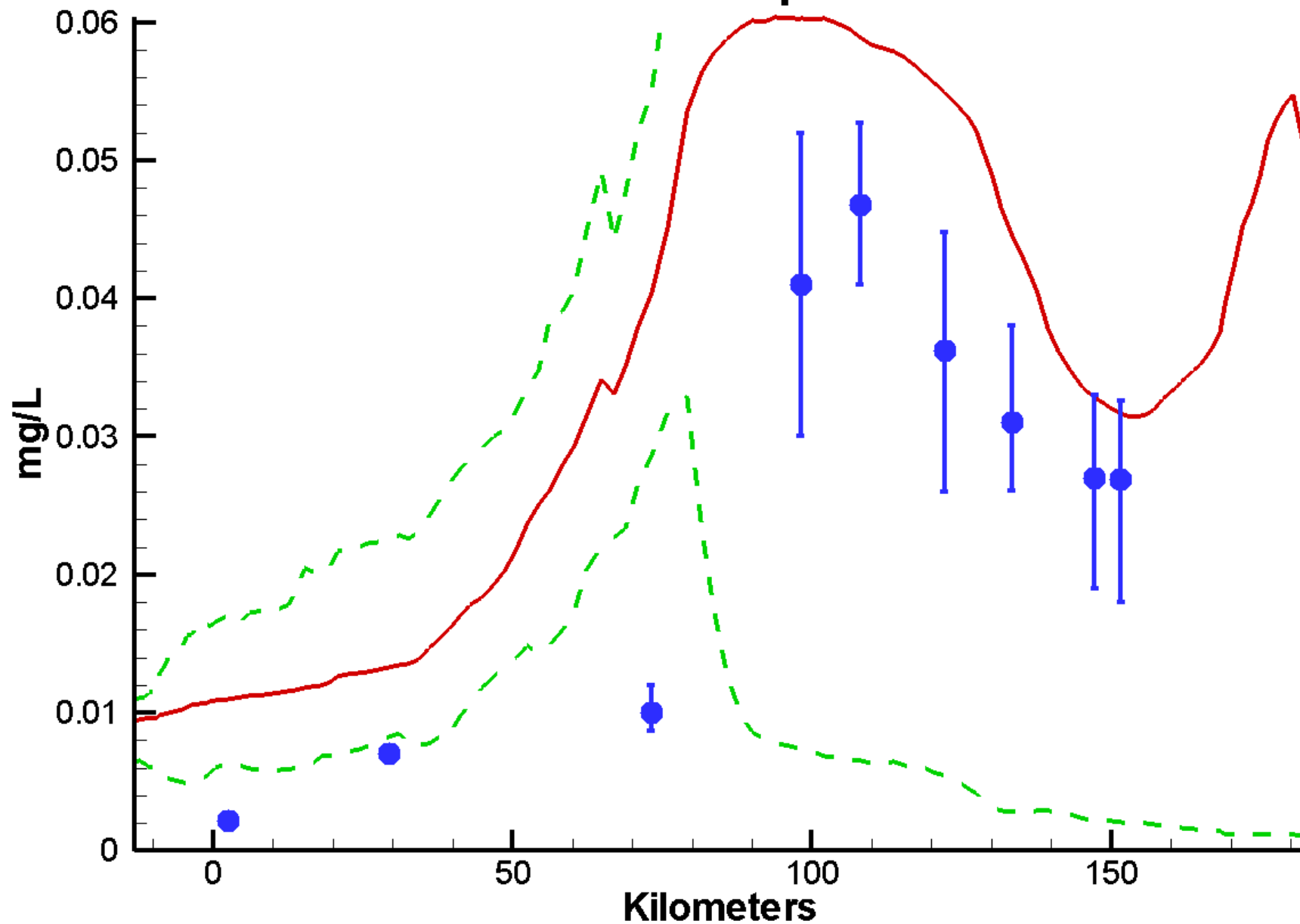
# Potomac River Ches2015 Run118

## Surface Chlorophyll Winter 1996



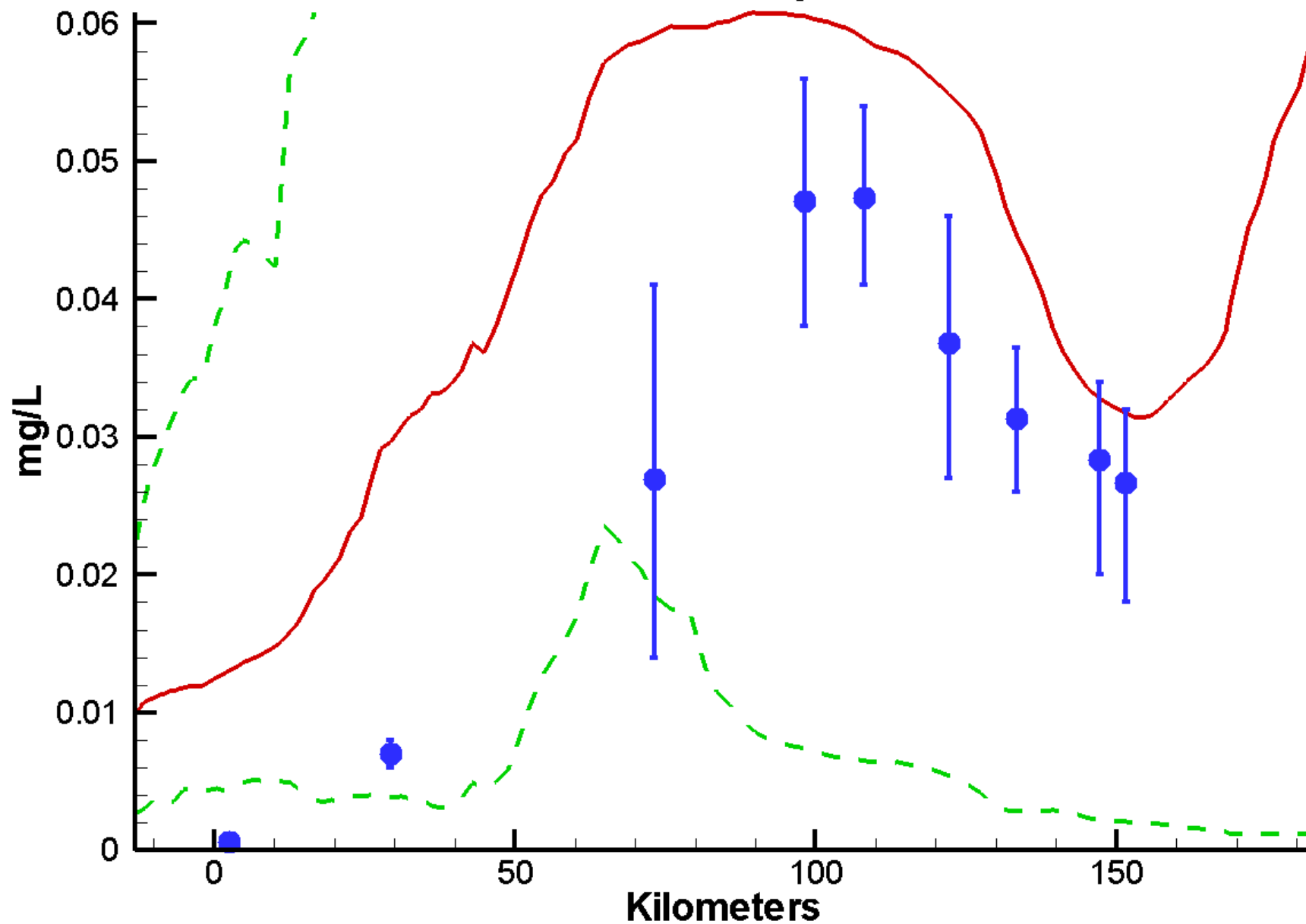
# Potomac River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1996

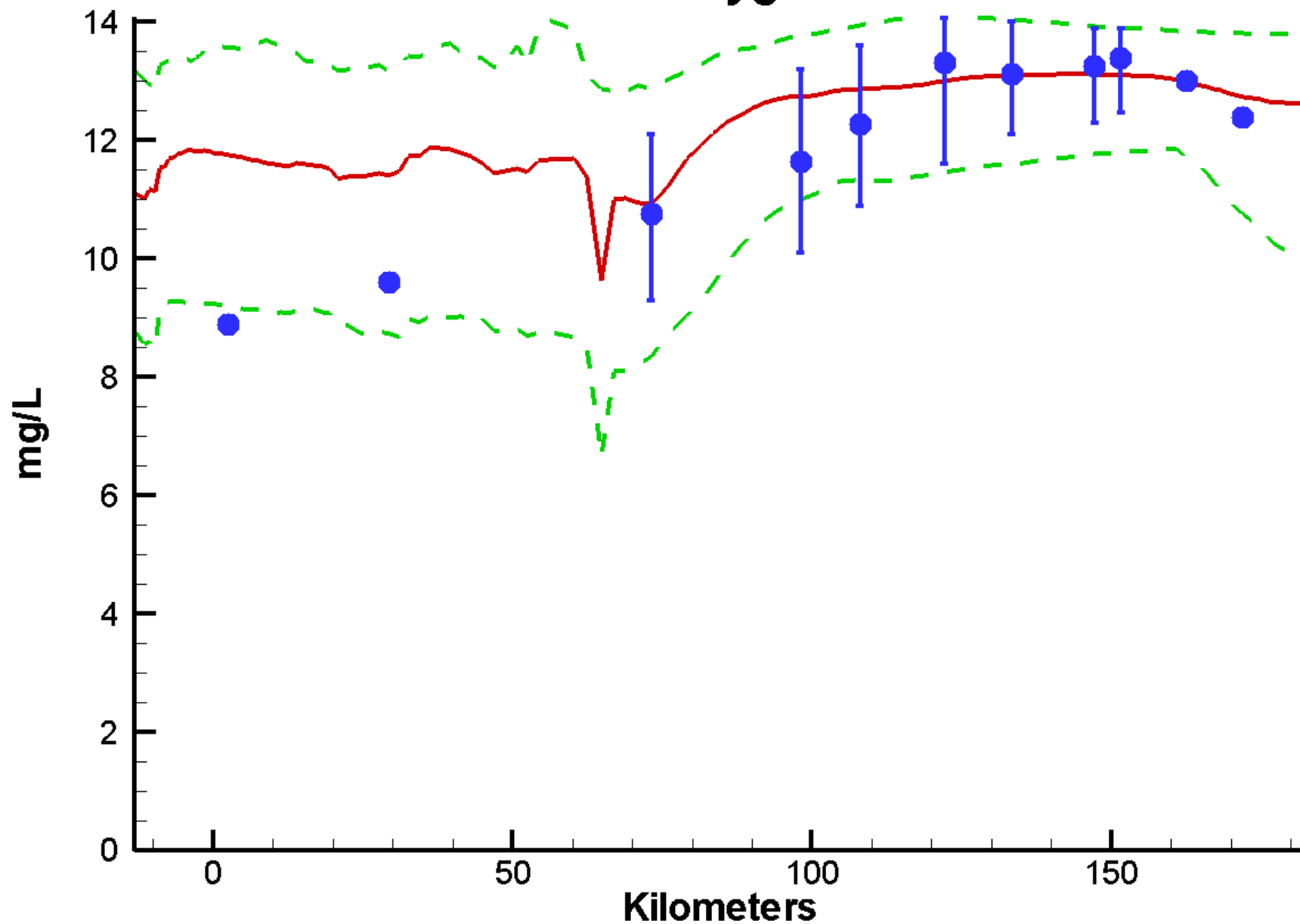


# Potomac River Ches2015 Run118

## Surface Dissolved Phosphate Winter 1996

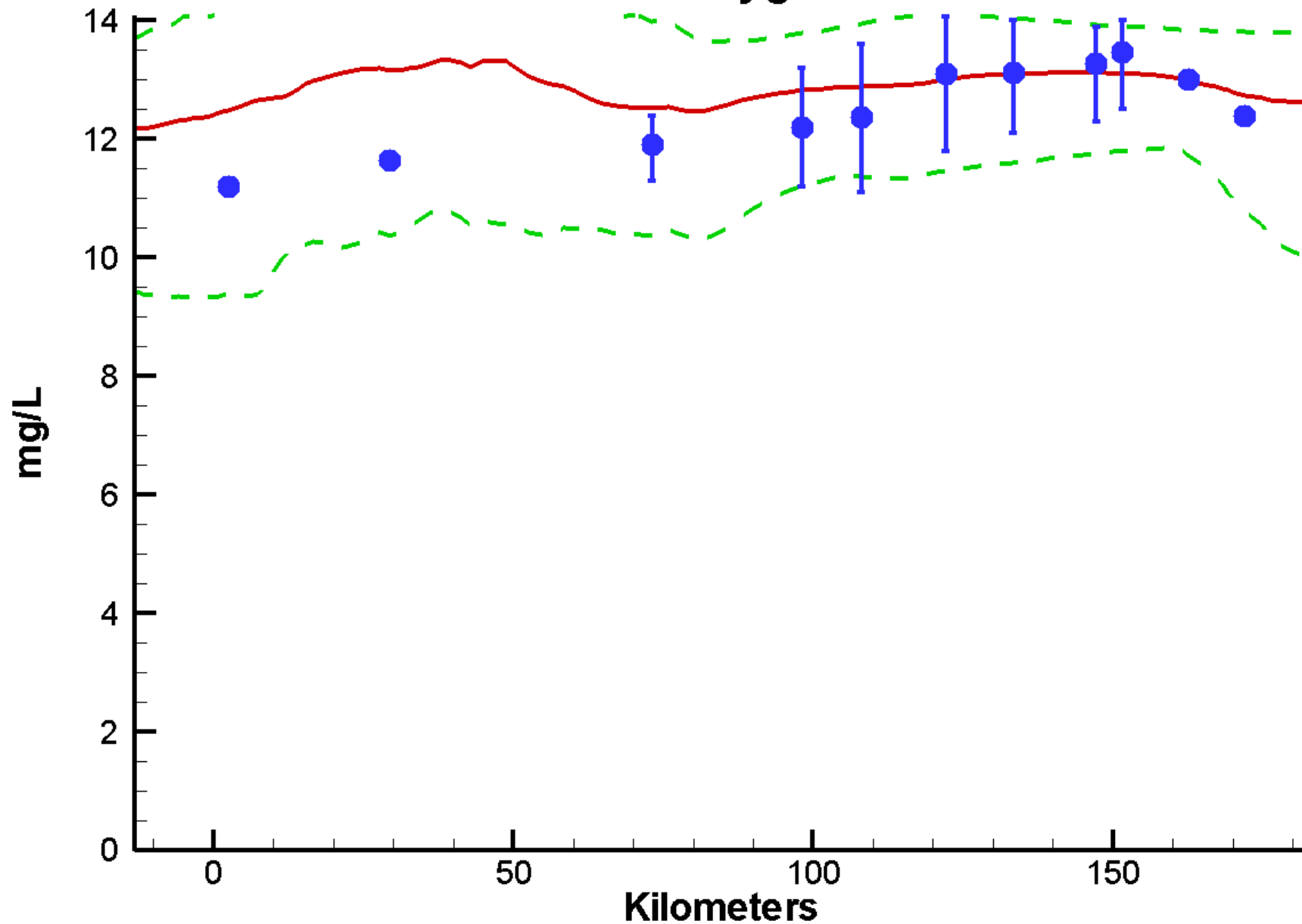


# Potomac River Ches2015 Run118 Bottom Dissolved Oxygen Winter 1996



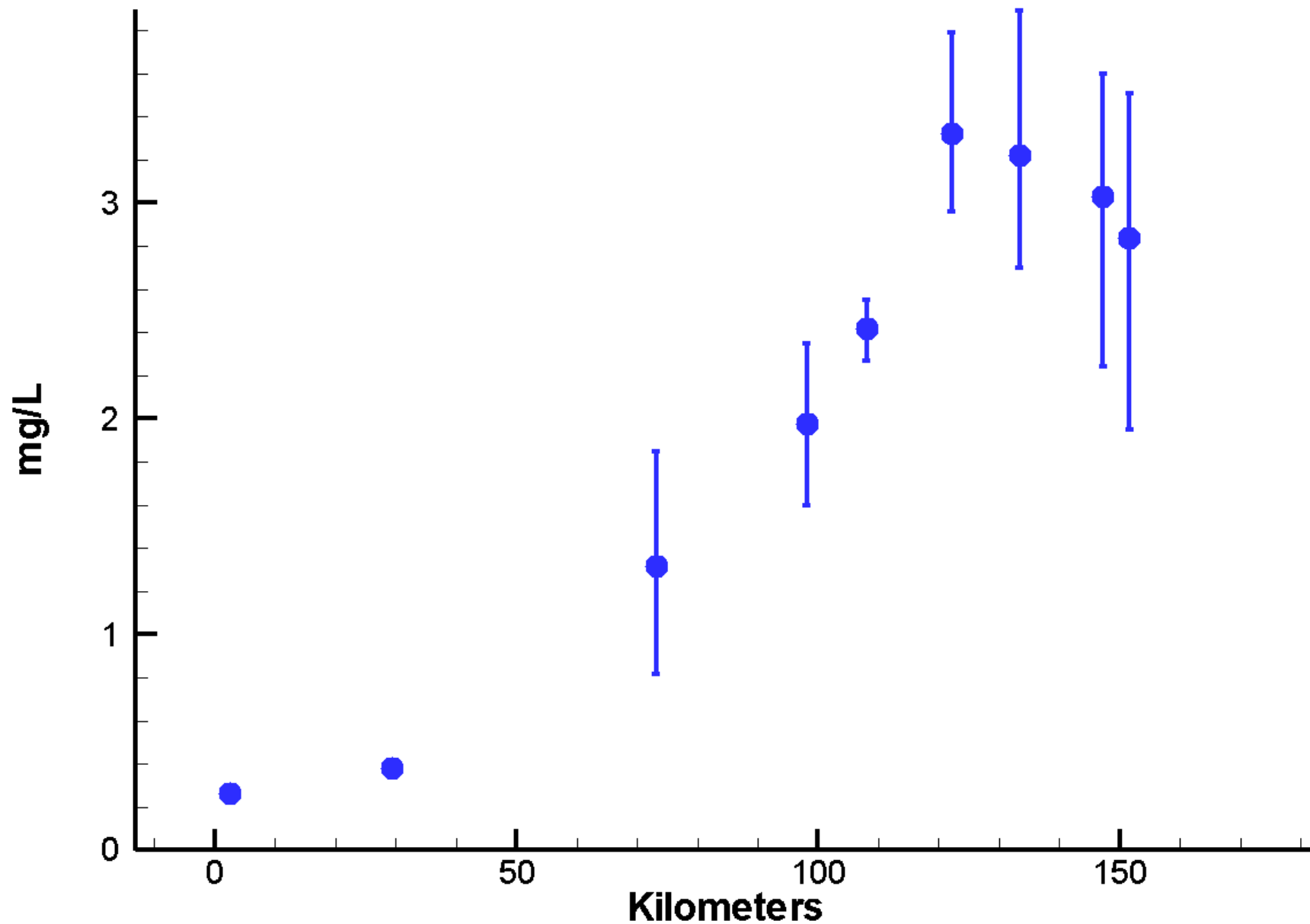
# Potomac River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1996



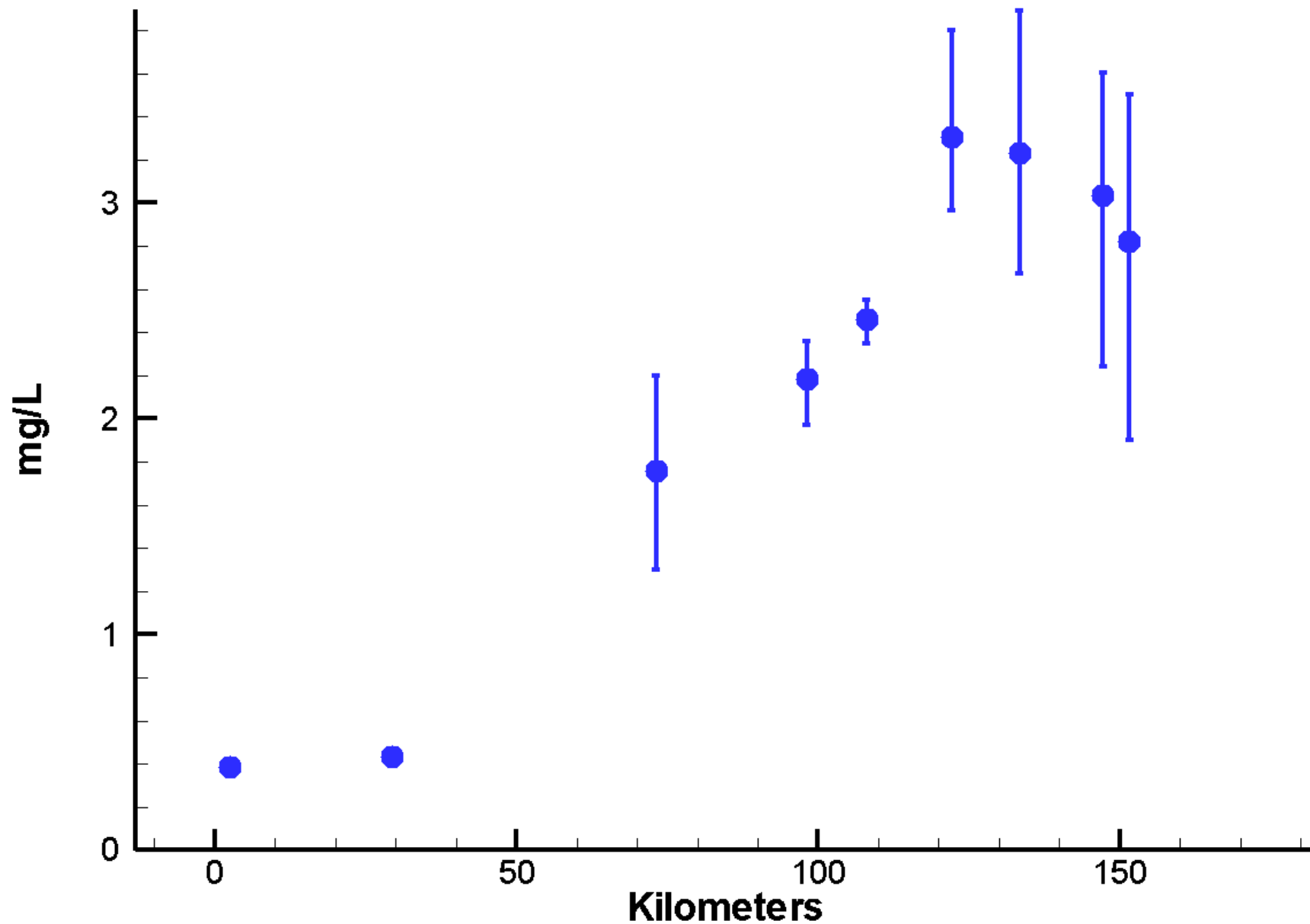
# Potomac River Ches2015 Run118

## Bottom Dissolved Silica Winter 1996



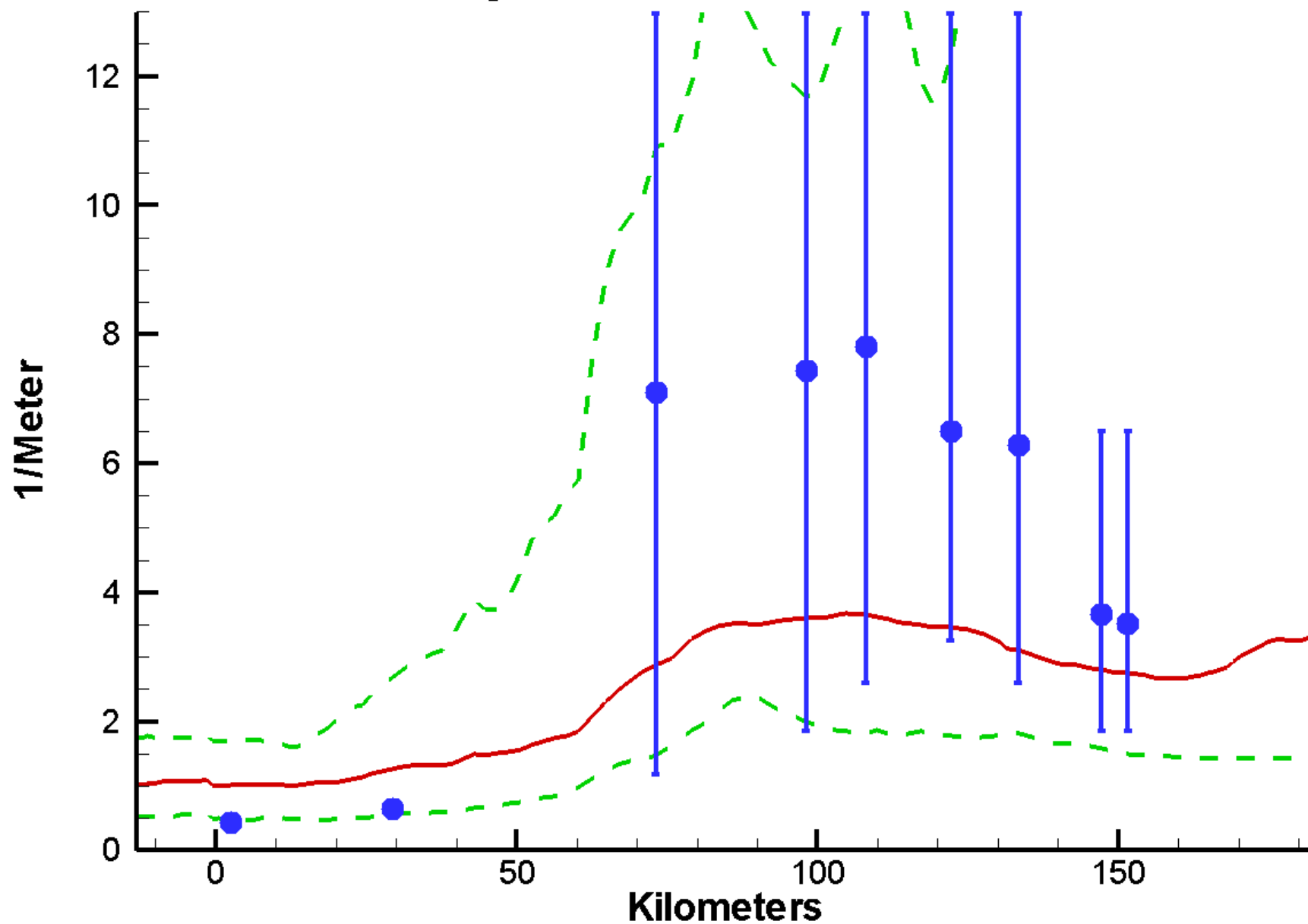
# Potomac River Ches2015 Run118

## Surface Dissolved Silica Winter 1996



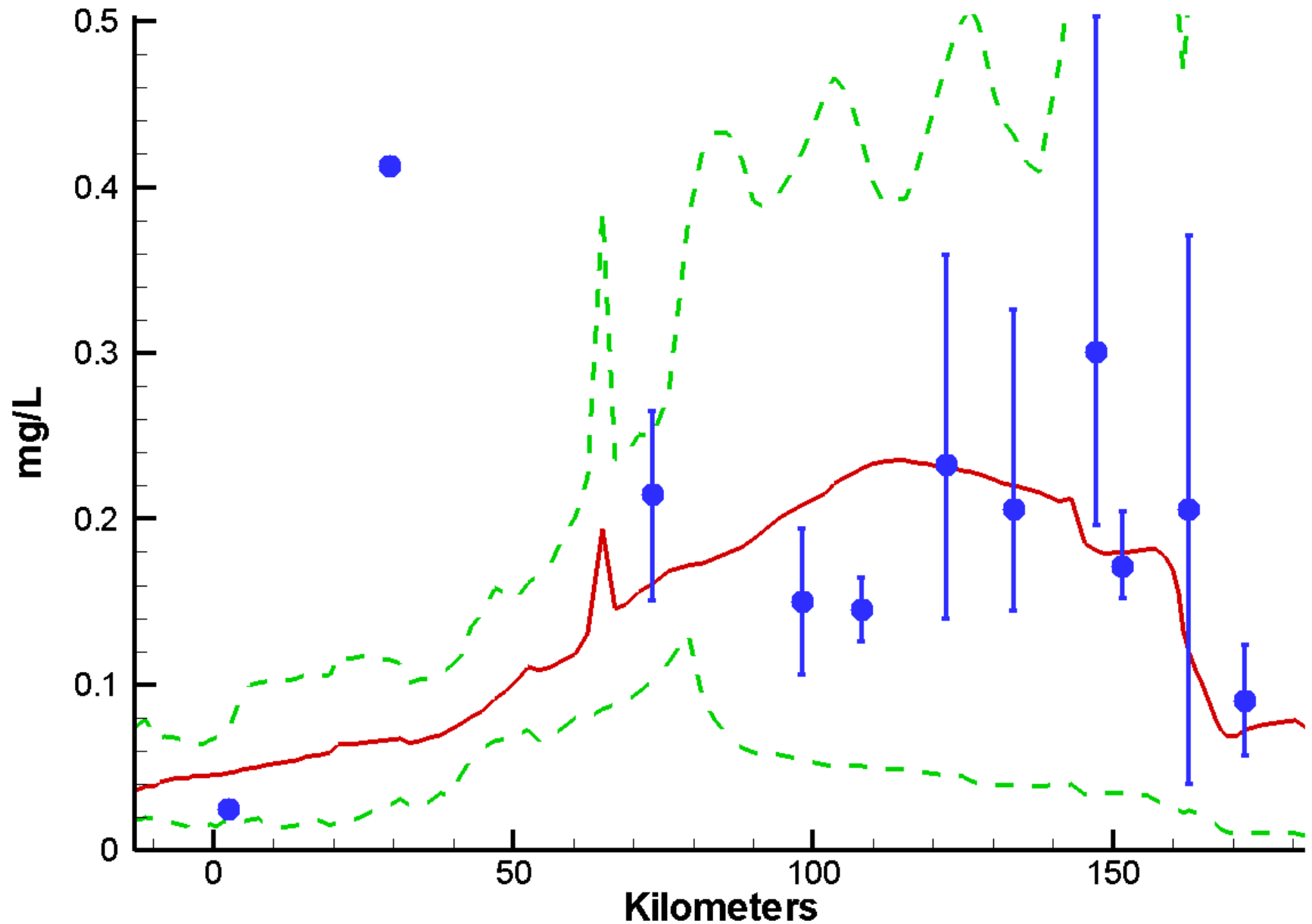


# Potomac River Ches2015 Run118 Surface Light Extinction Winter 1996

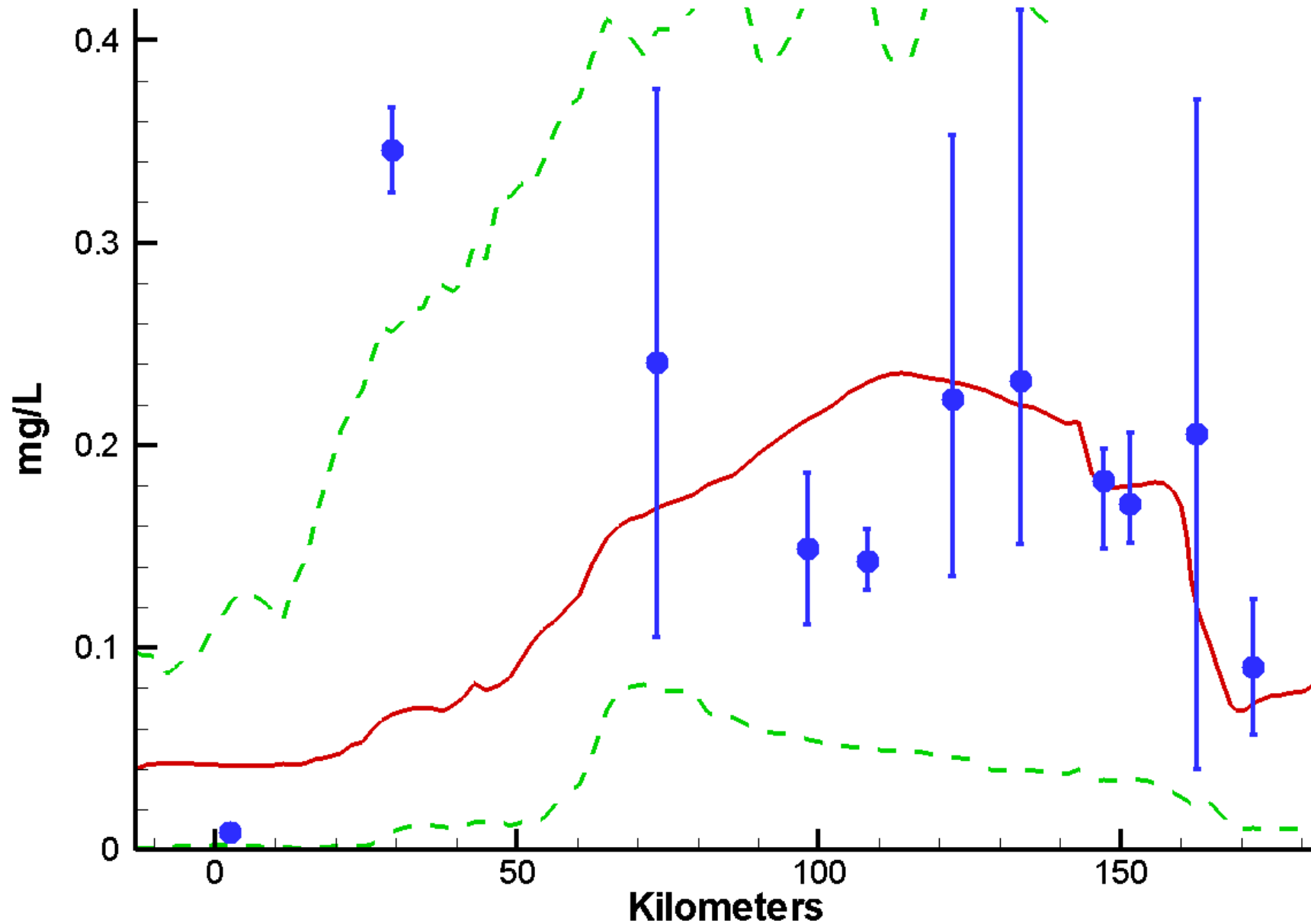


# Potomac River Ches2015 Run118

## Bottom Ammonium Winter 1996

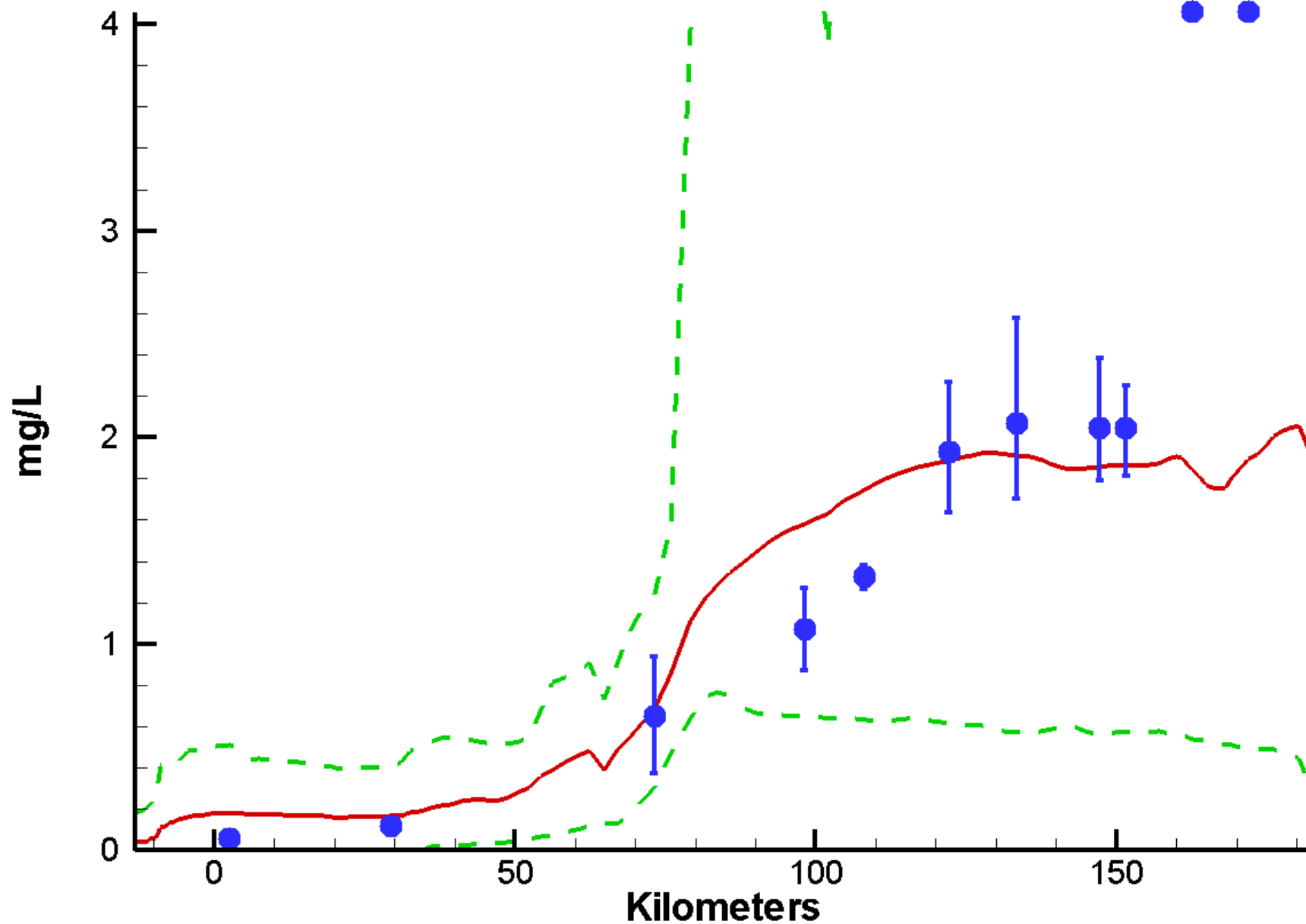


# Potomac River Ches2015 Run118 Surface Ammonium Winter 1996



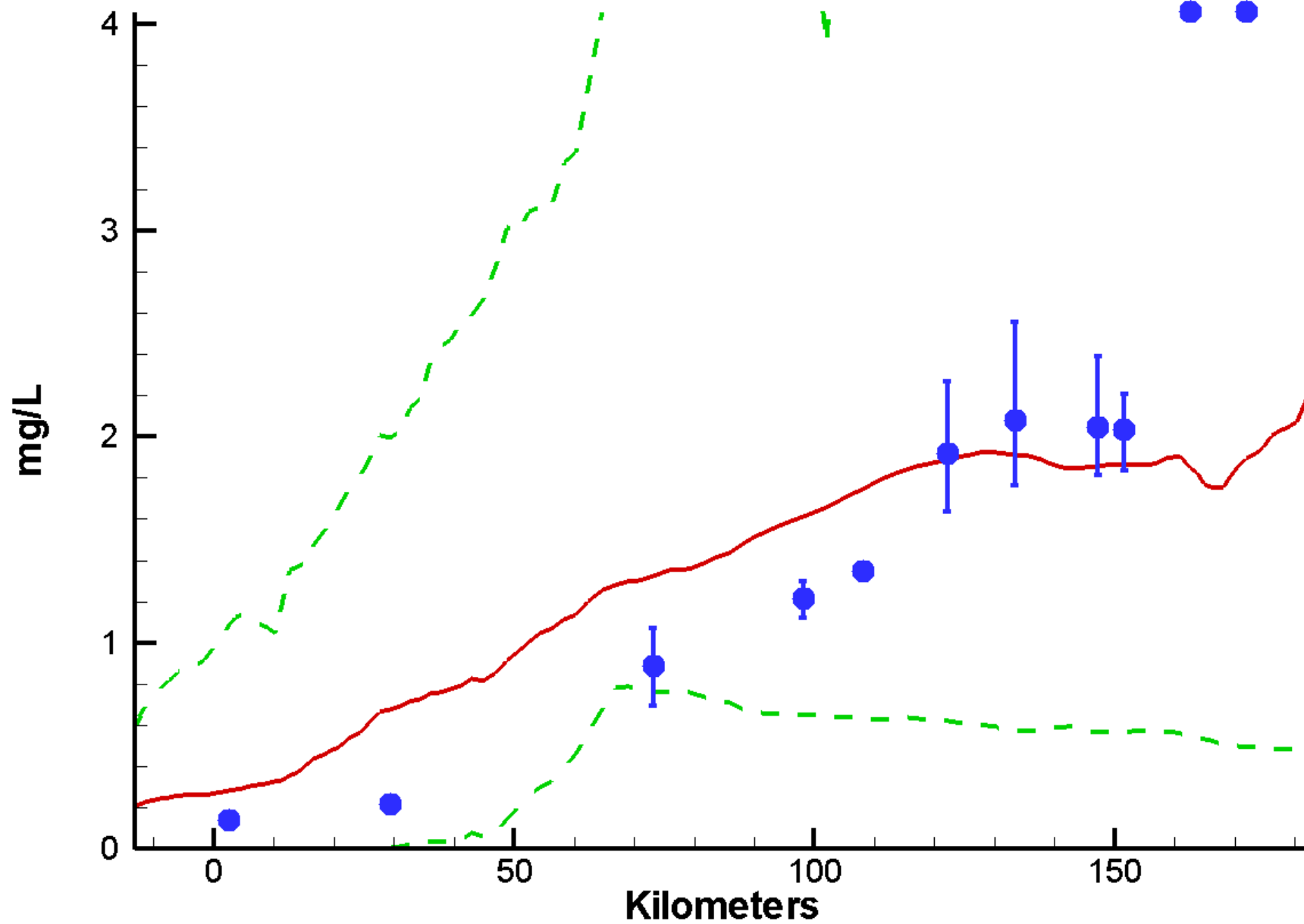
# Potomac River Ches2015 Run118

## Bottom Nitrate Winter 1996



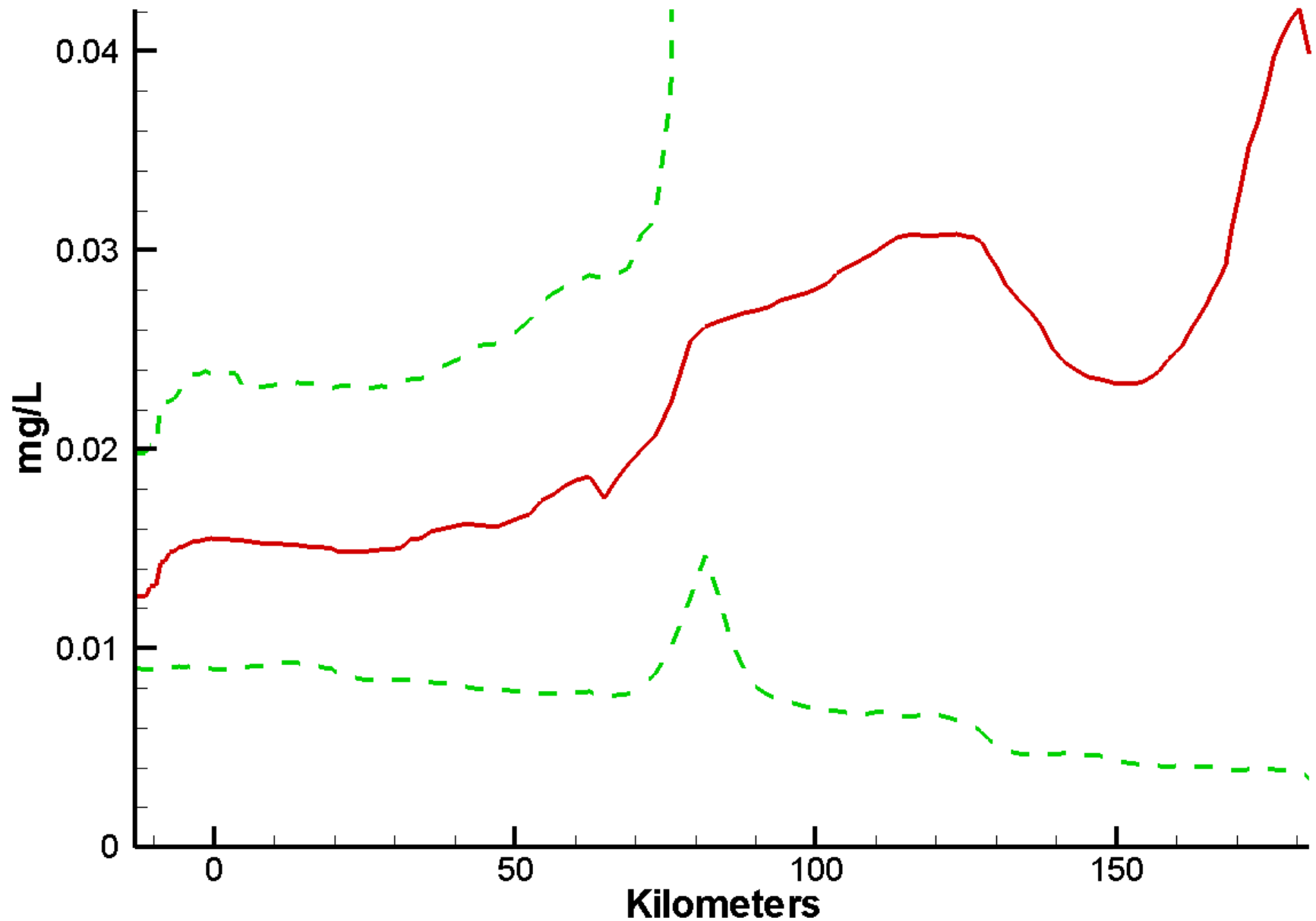
# Potomac River Ches2015 Run118

## Surface Nitrate Winter 1996



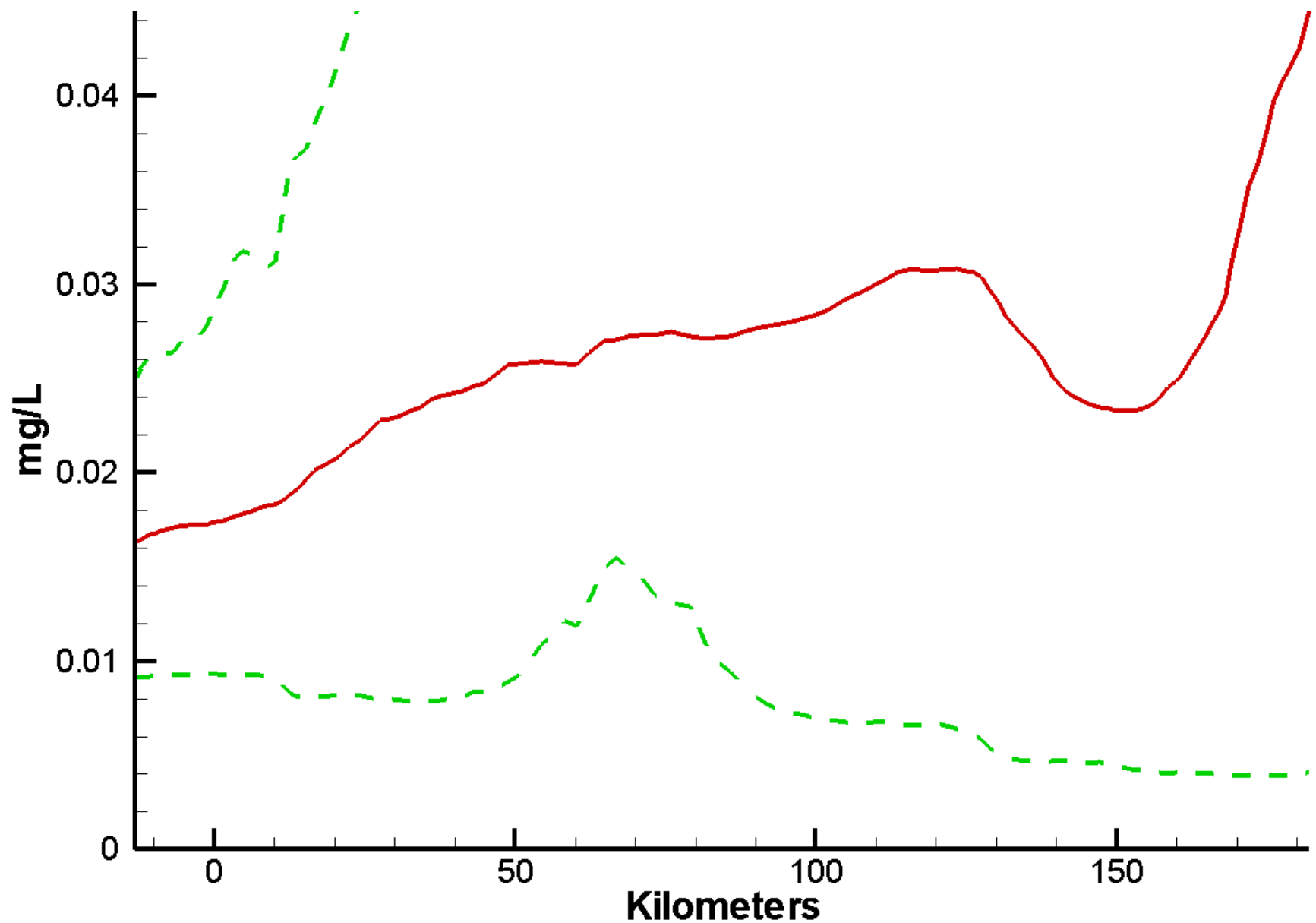
# Potomac River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1996



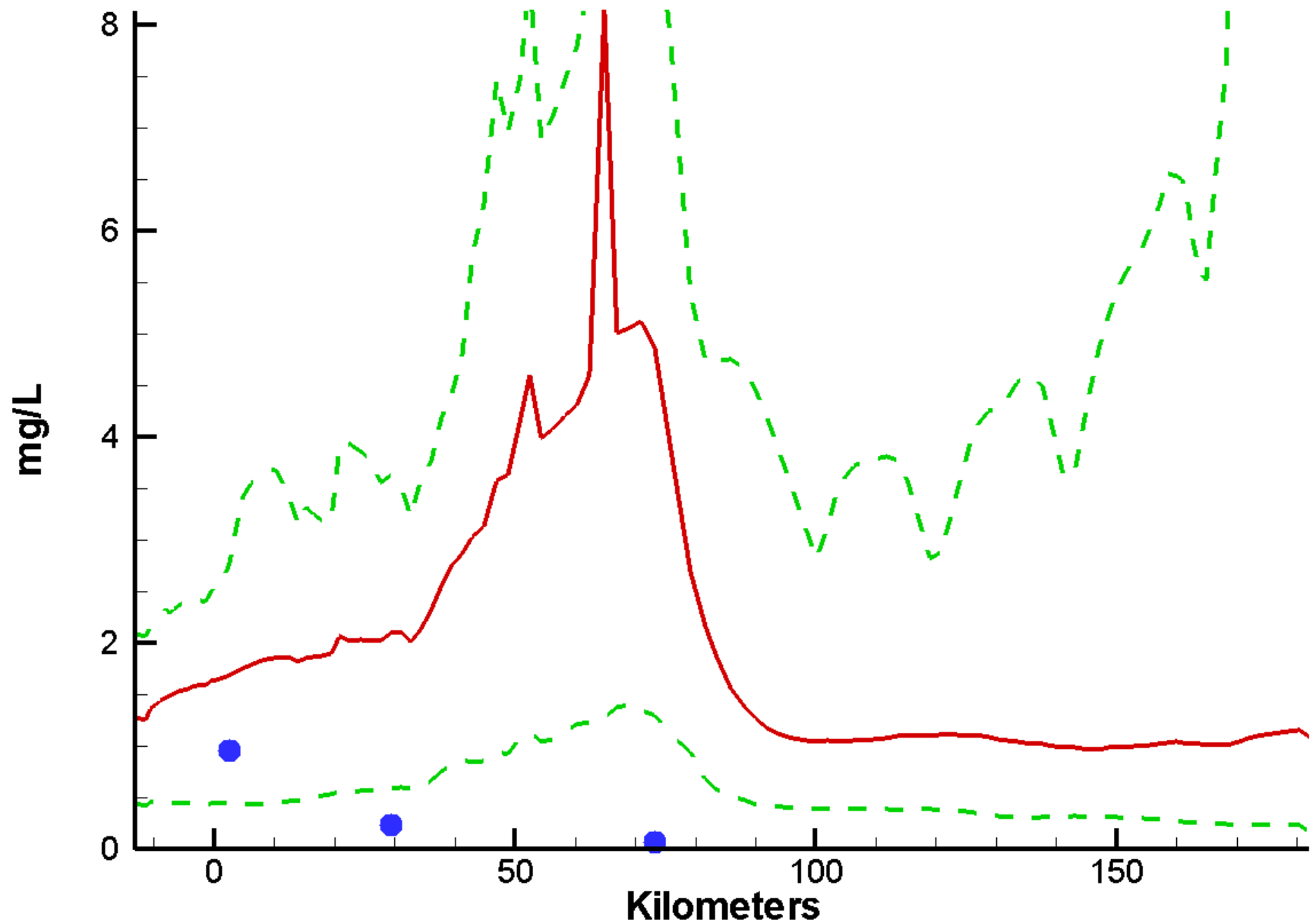
# Potomac River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1996



# Potomac River Ches2015 Run118

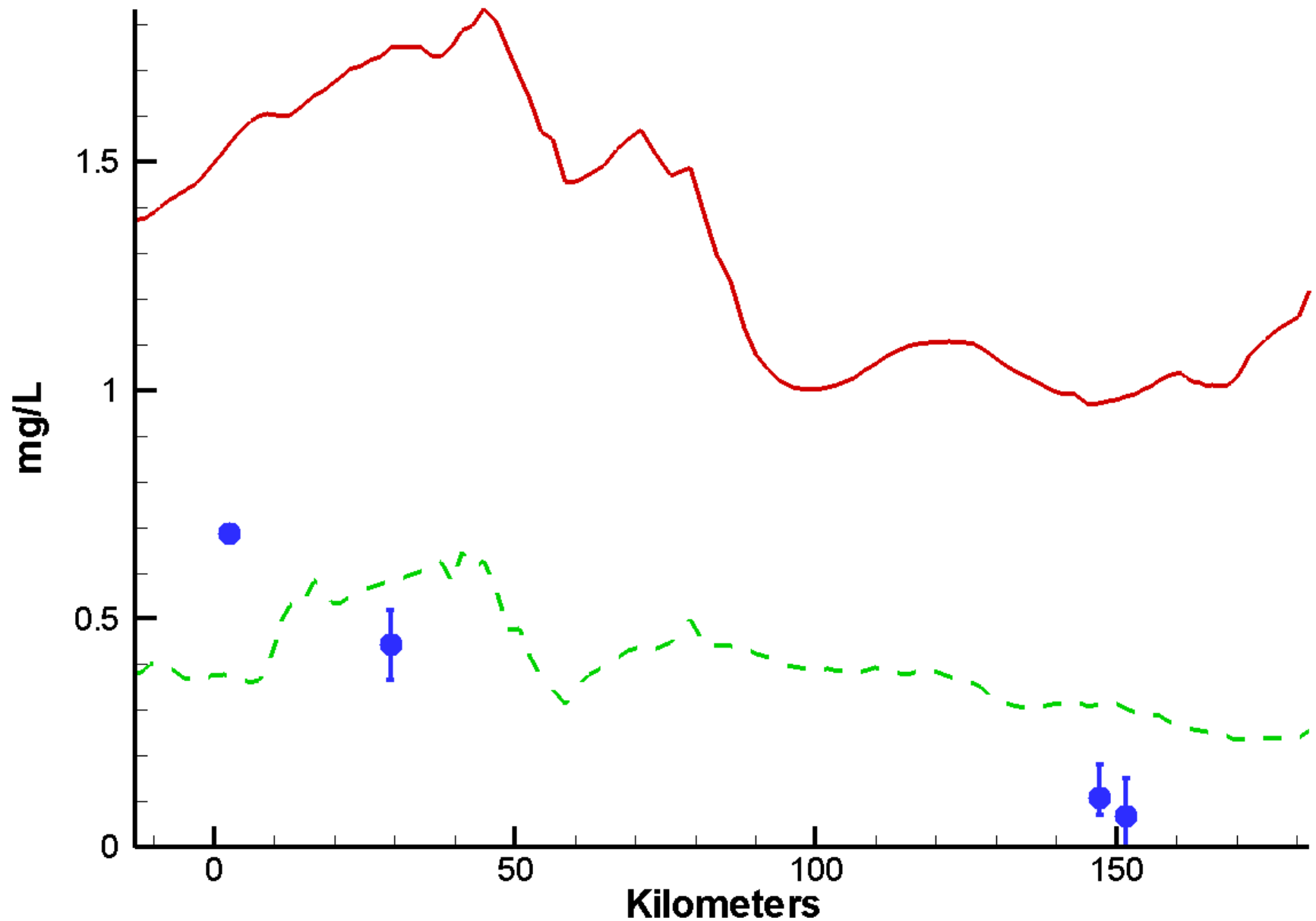
## Bottom Particulate Organic Carbon Winter 1996





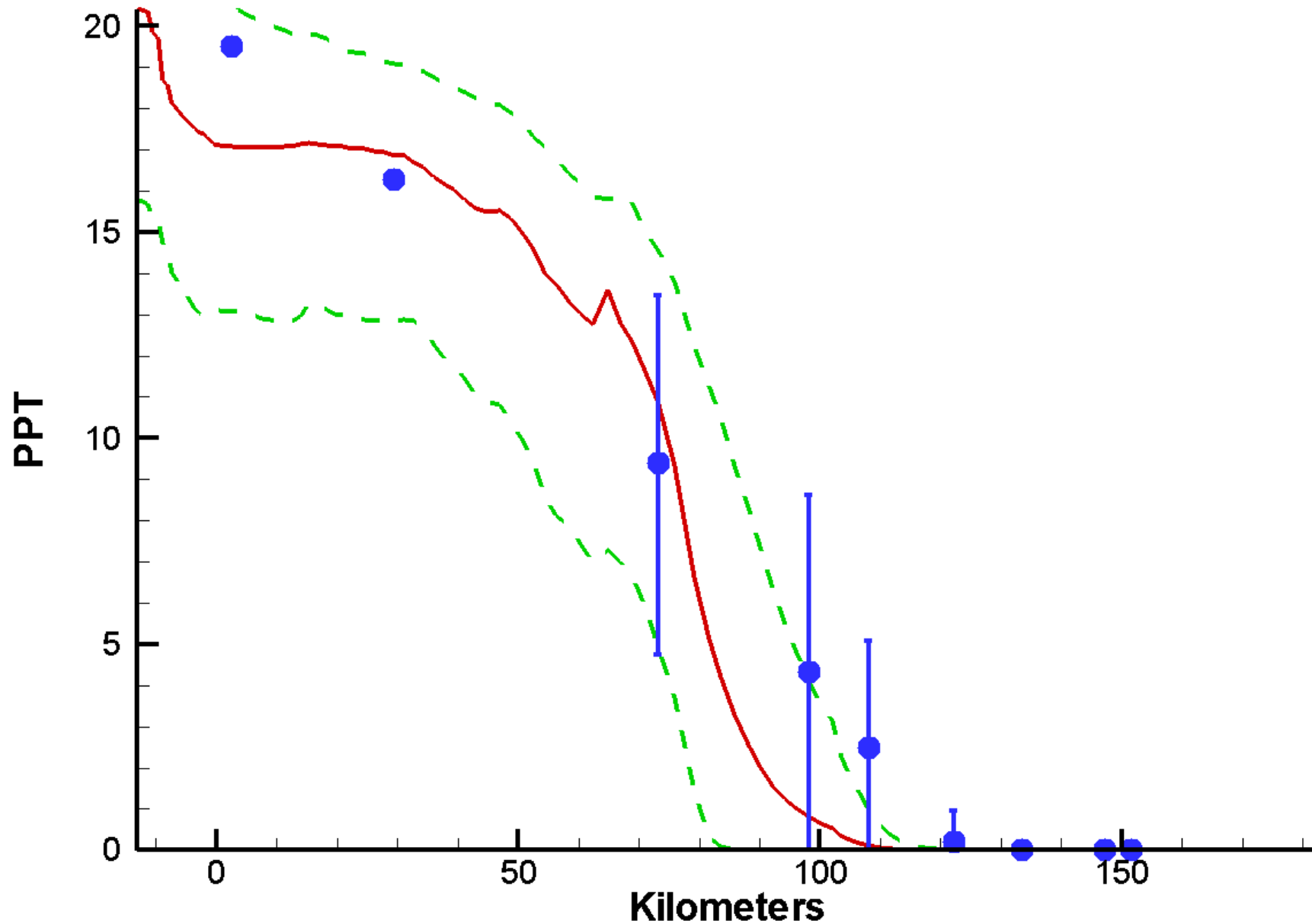
# Potomac River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1996



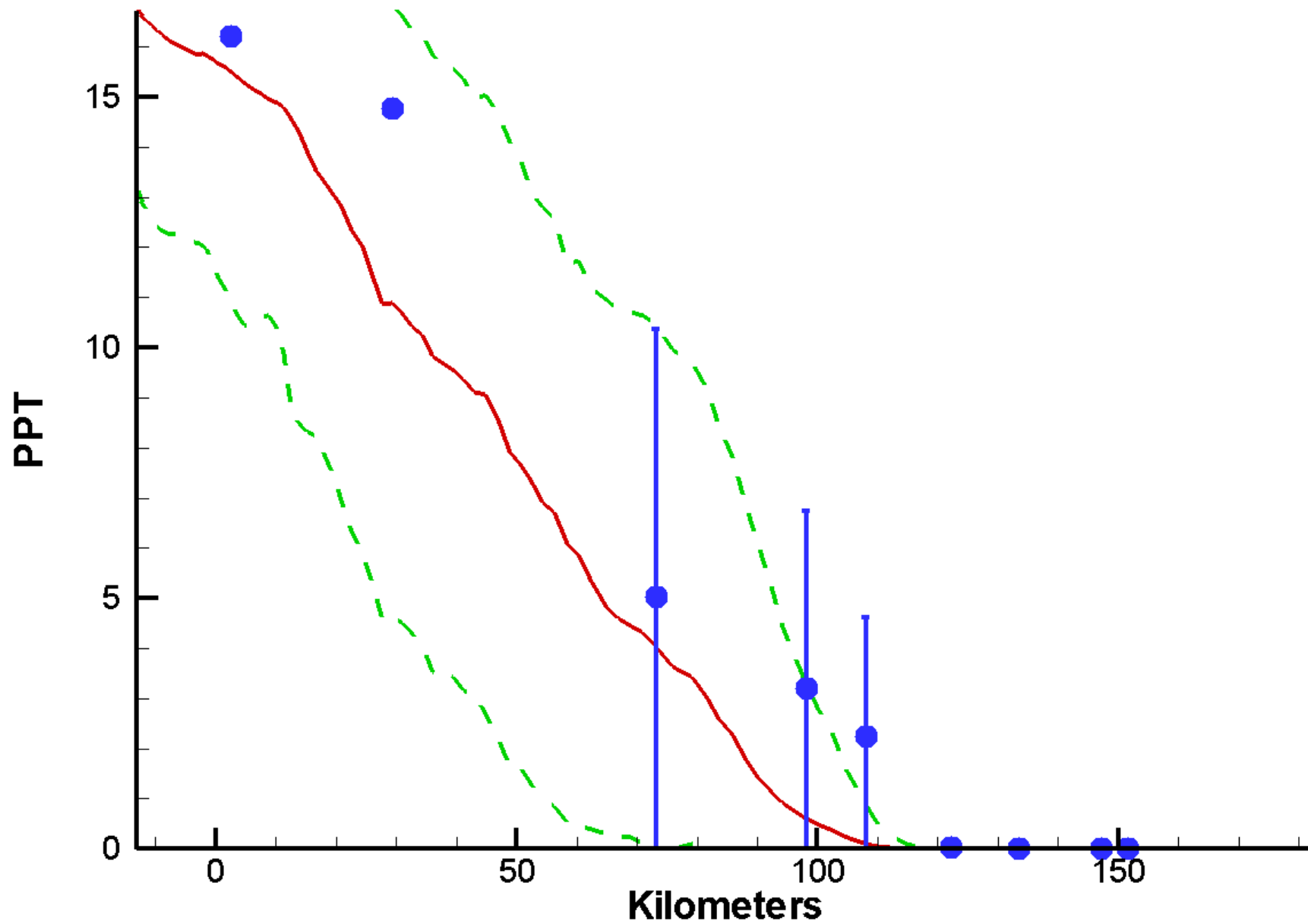
# Potomac River Ches2015 Run118

## Bottom Salinity Winter 1996



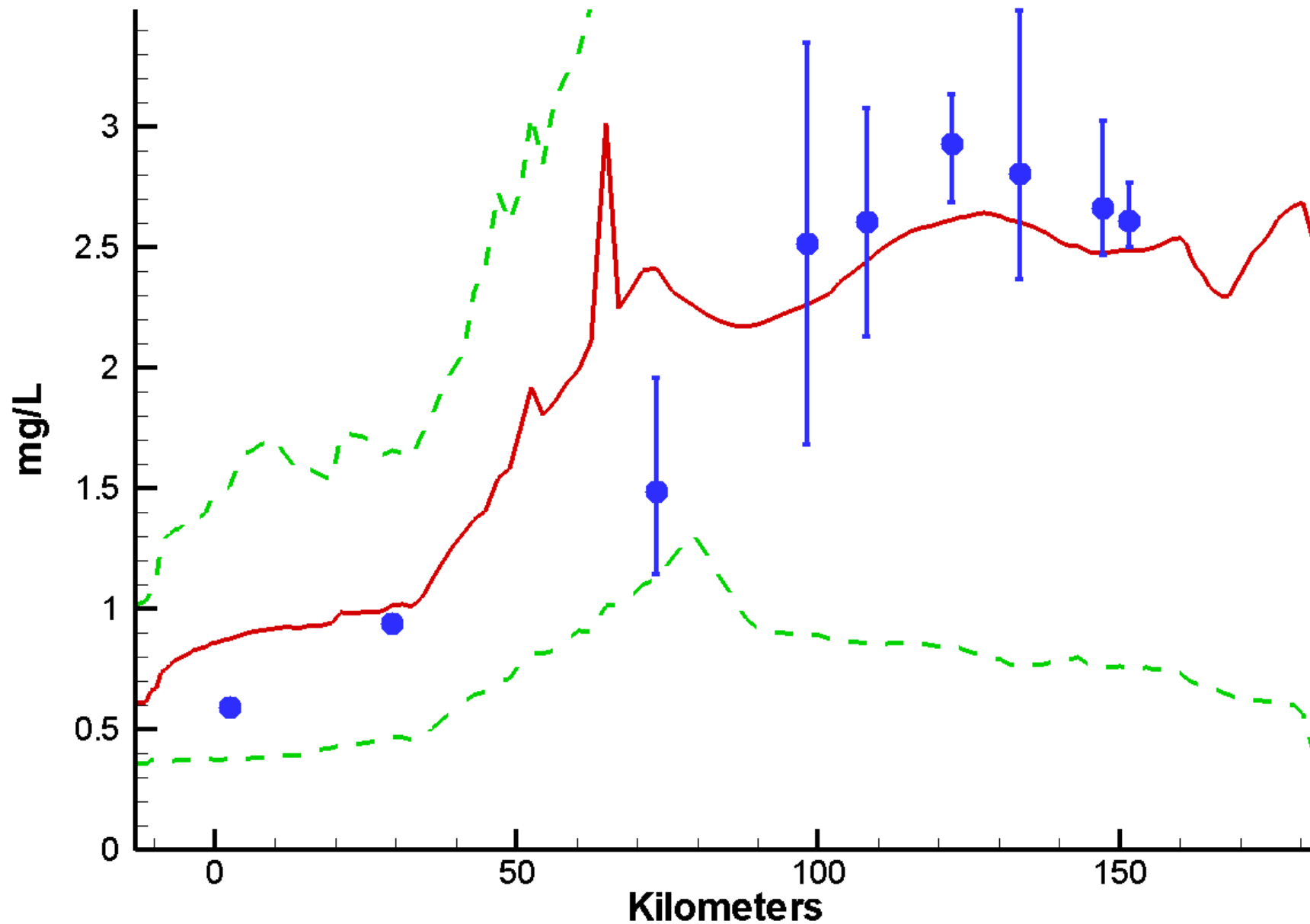
# Potomac River Ches2015 Run118

## Surface Salinity Winter 1996



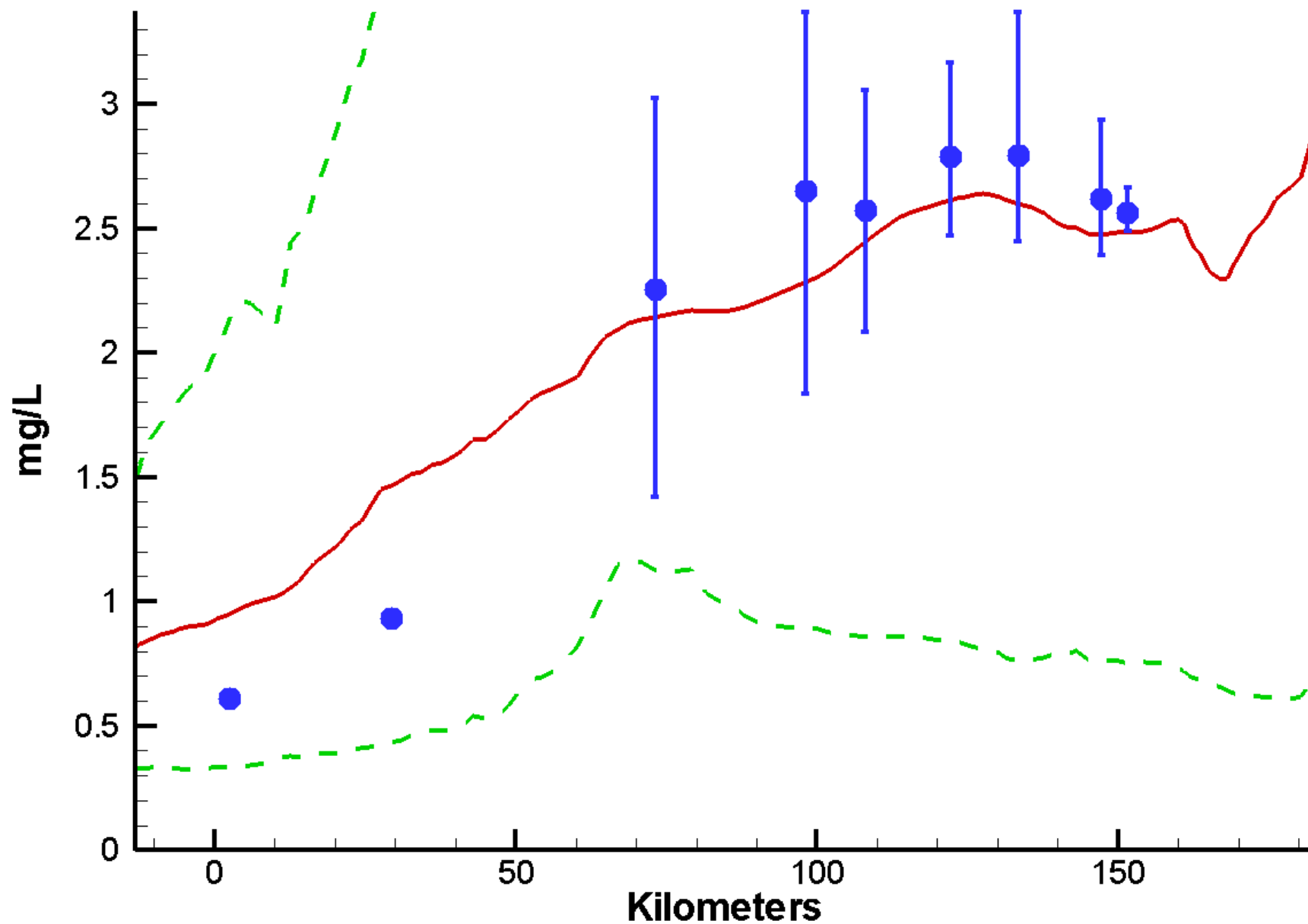
# Potomac River Ches2015 Run118

## Bottom Total Nitrogen Winter 1996



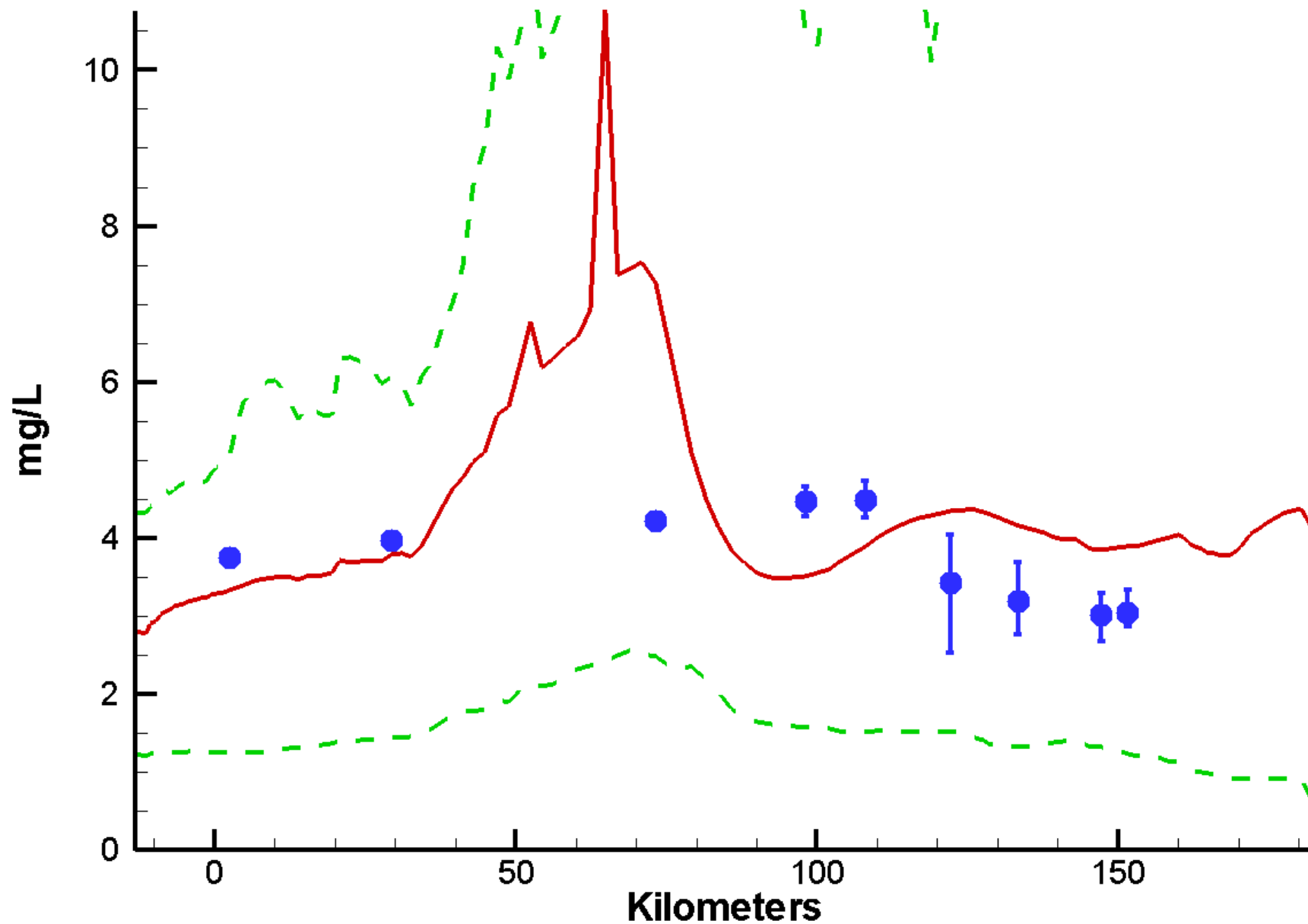
# Potomac River Ches2015 Run118

## Surface Total Nitrogen Winter 1996



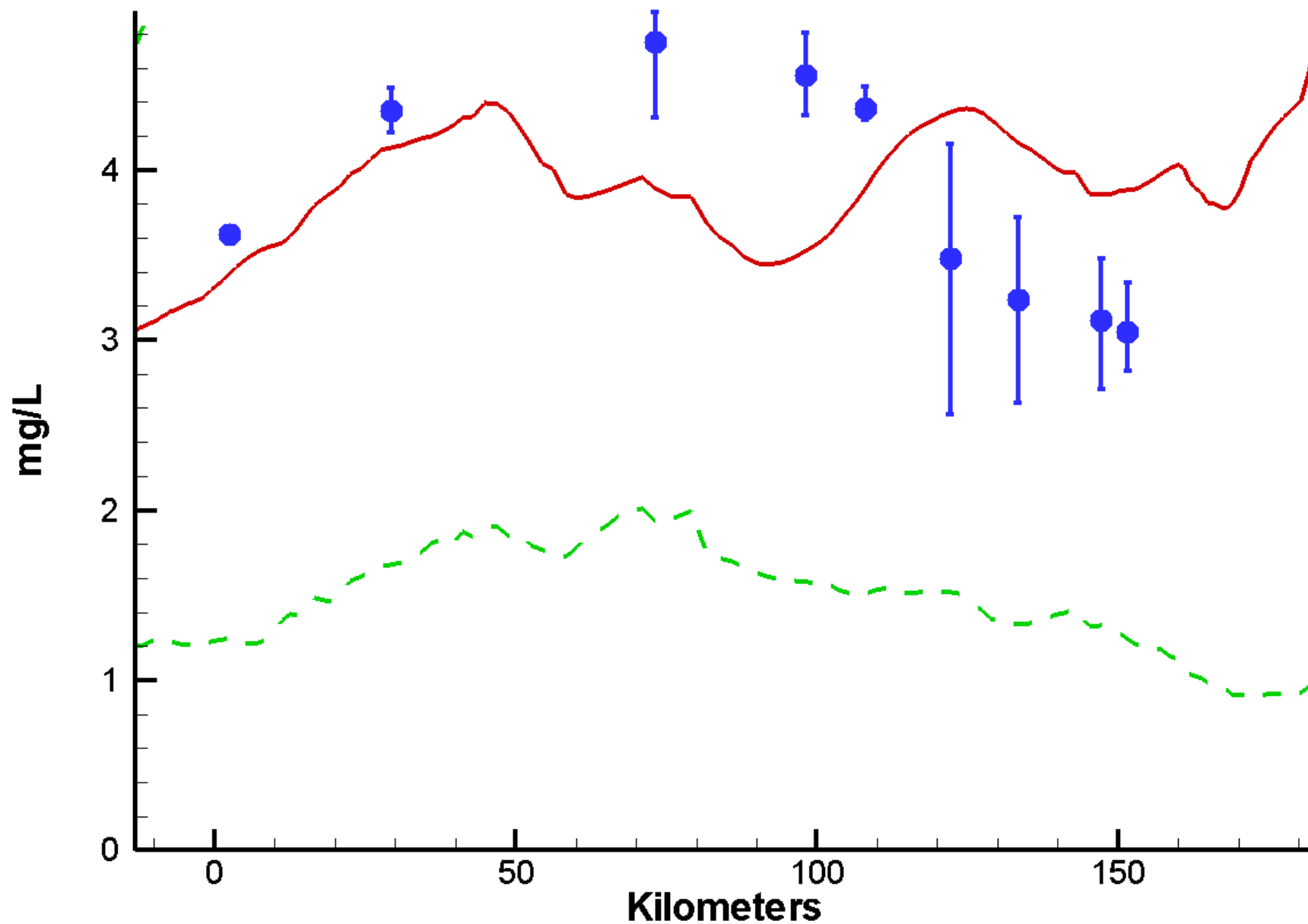
# Potomac River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1996



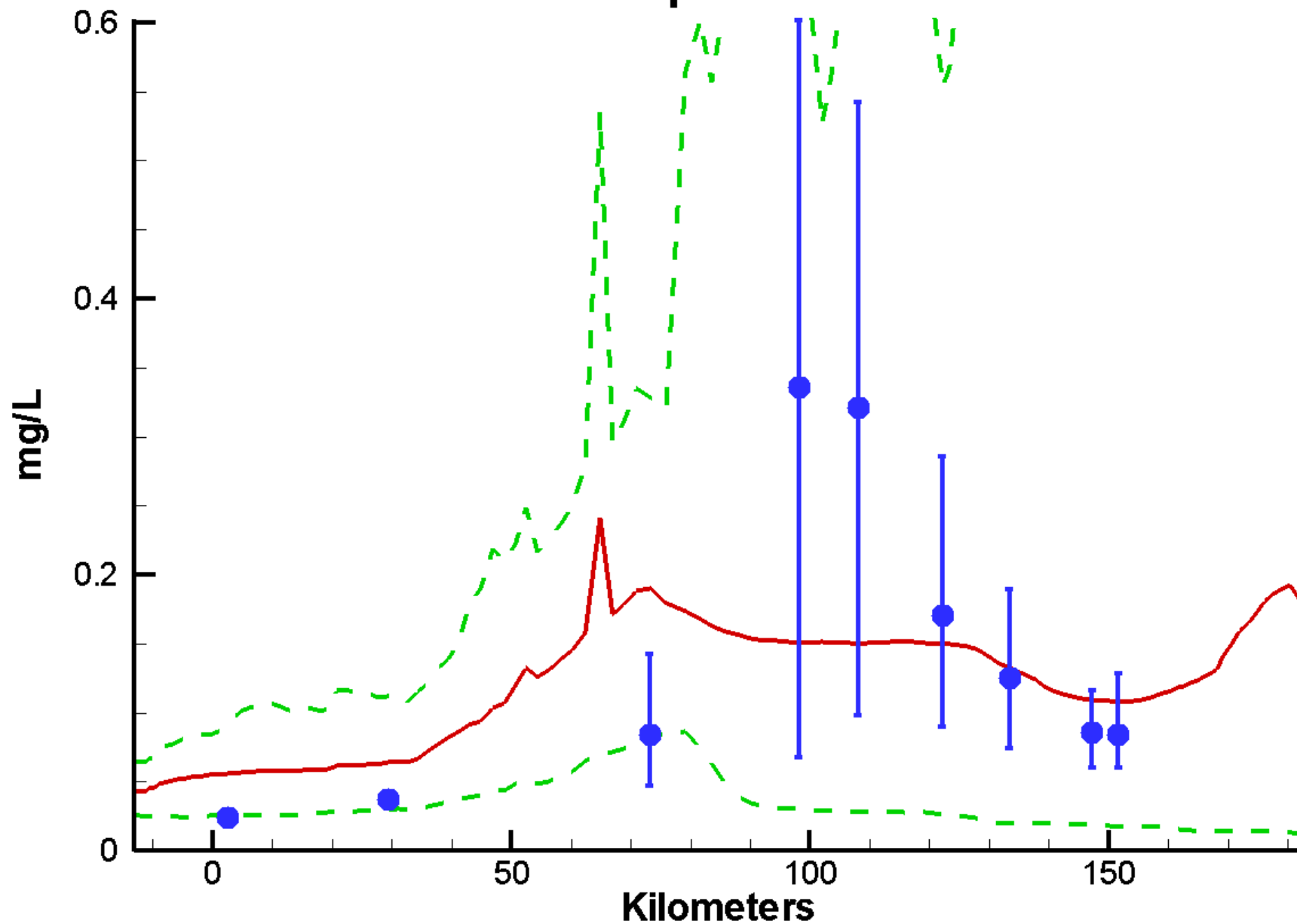
# Potomac River Ches2015 Run118

## Surface Total Organic Carbon Winter 1996



# Potomac River Ches2015 Run118

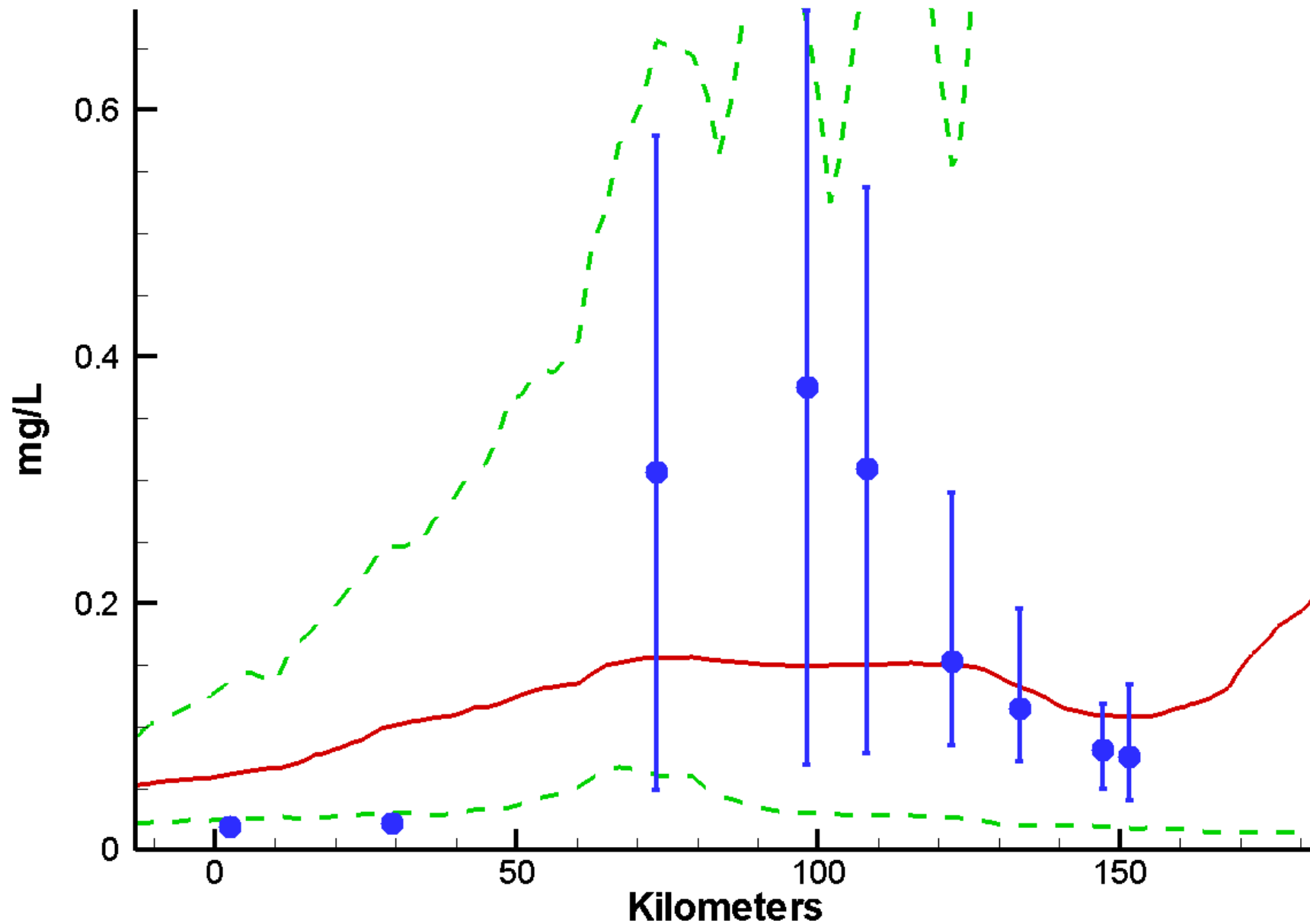
## Bottom Total Phosphorus Winter 1996





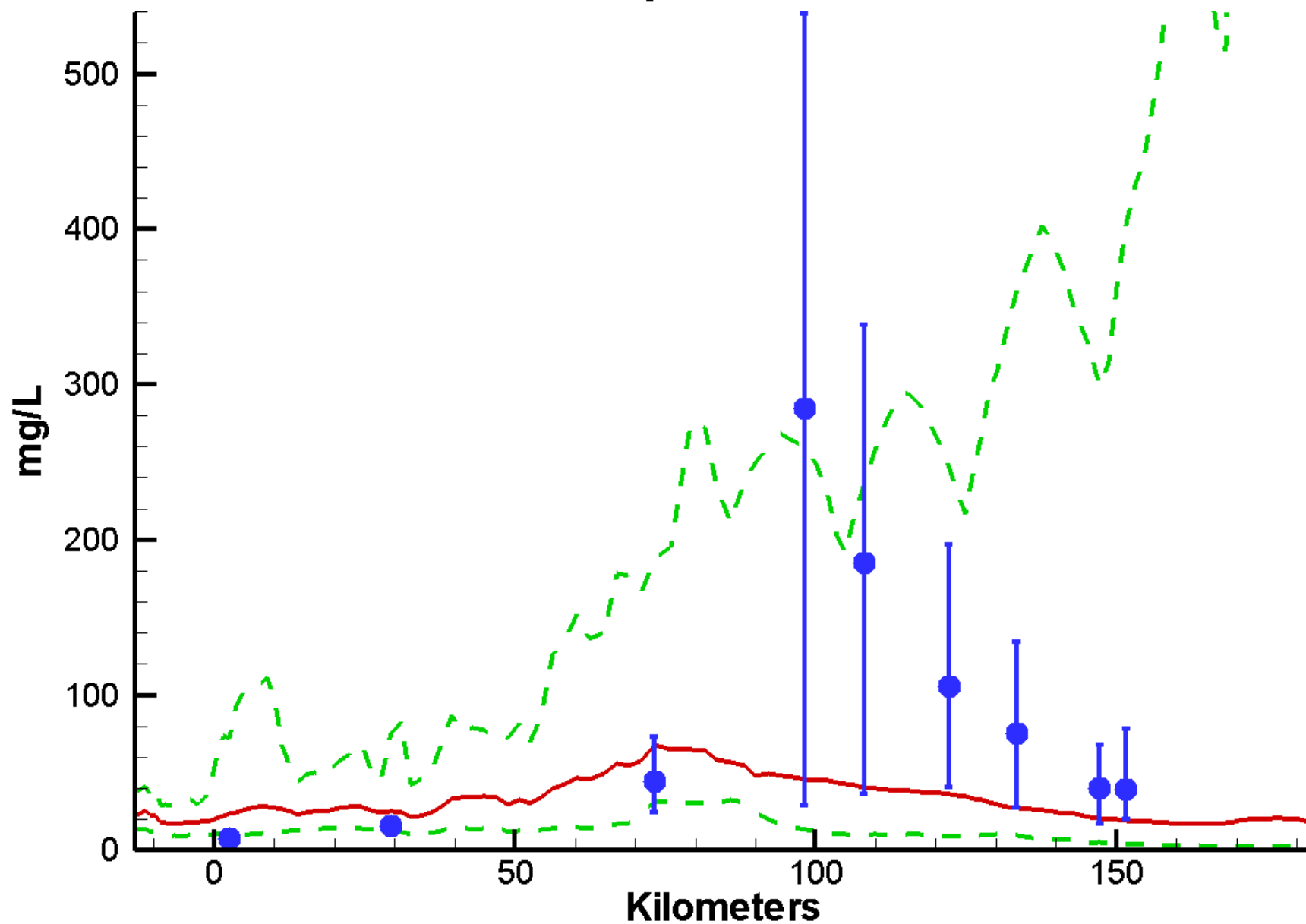
# Potomac River Ches2015 Run118

## Surface Total Phosphorus Winter 1996



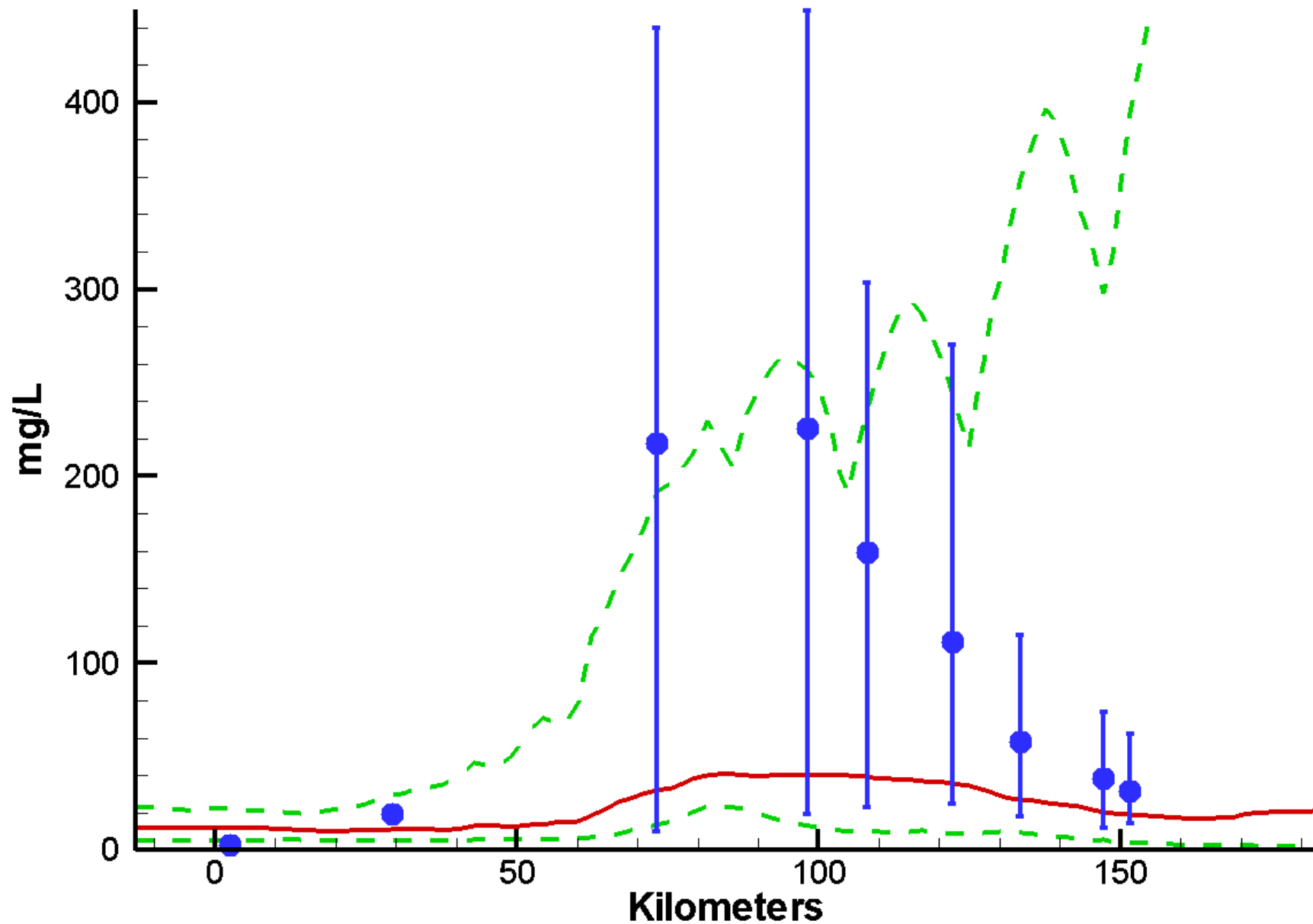
# Potomac River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1996



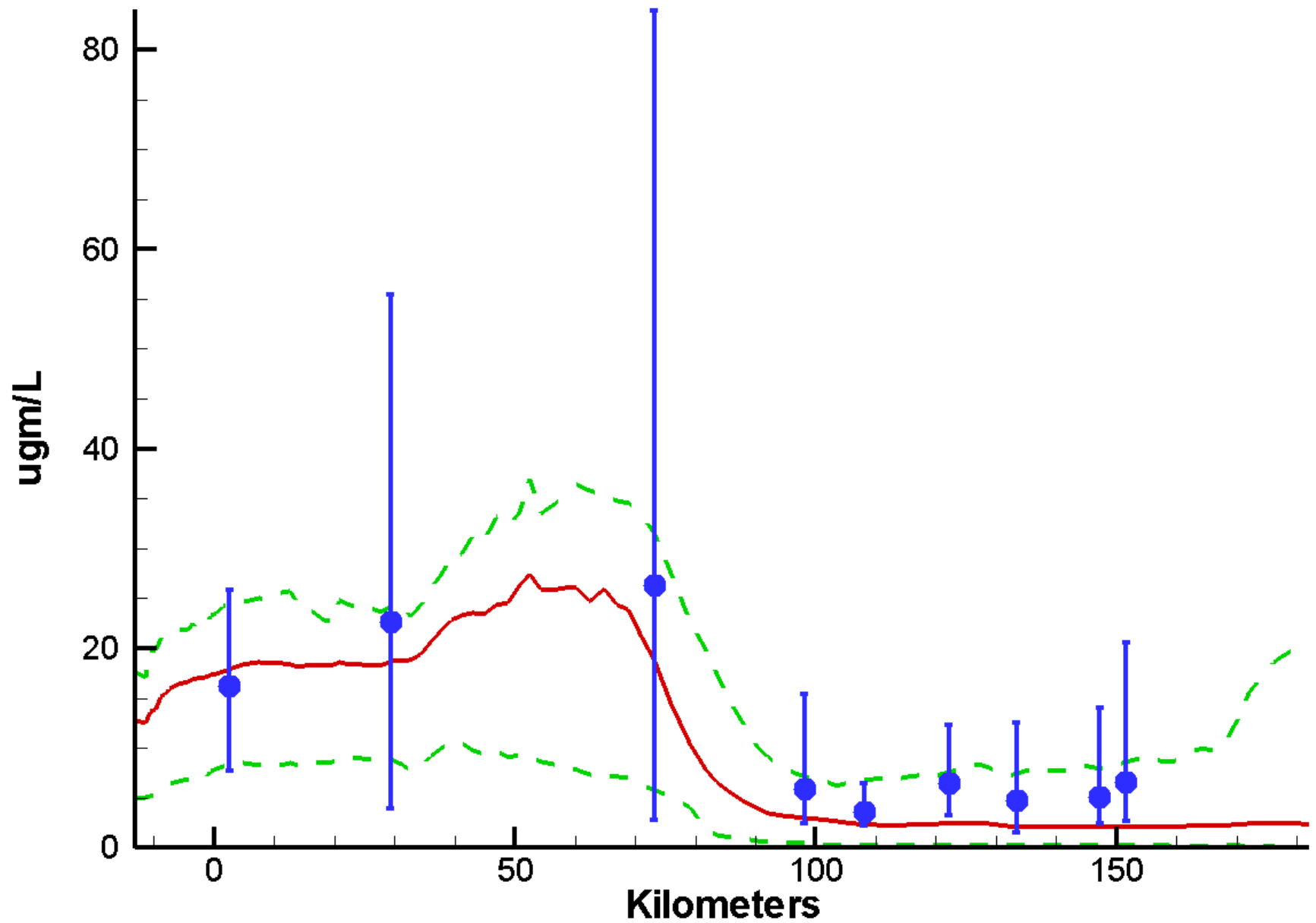
# Potomac River Ches2015 Run118

## Surface Total Suspended Solids Winter 1996



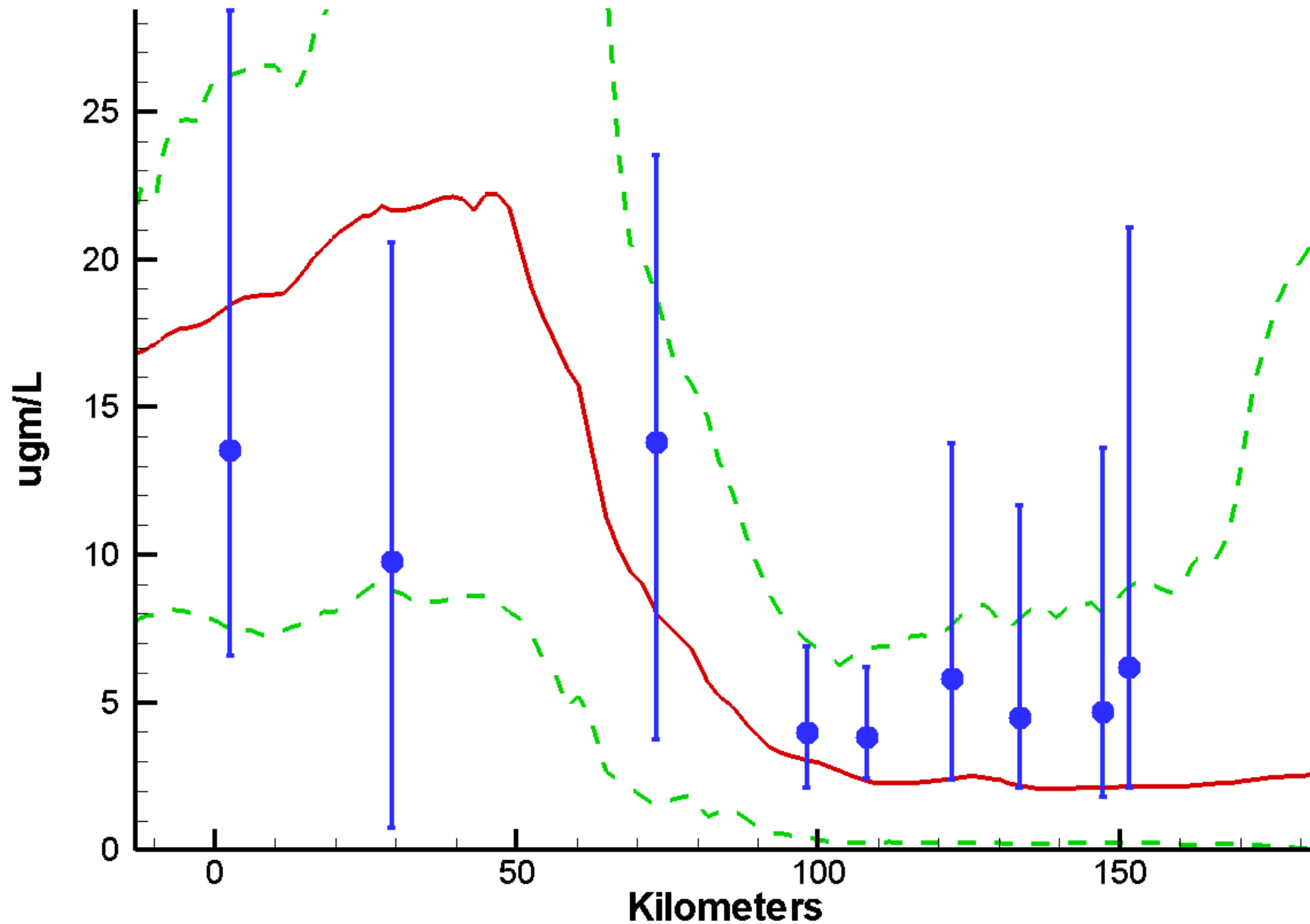
# Potomac River Ches2015 Run118

## Bottom Chlorophyll Spring 1996



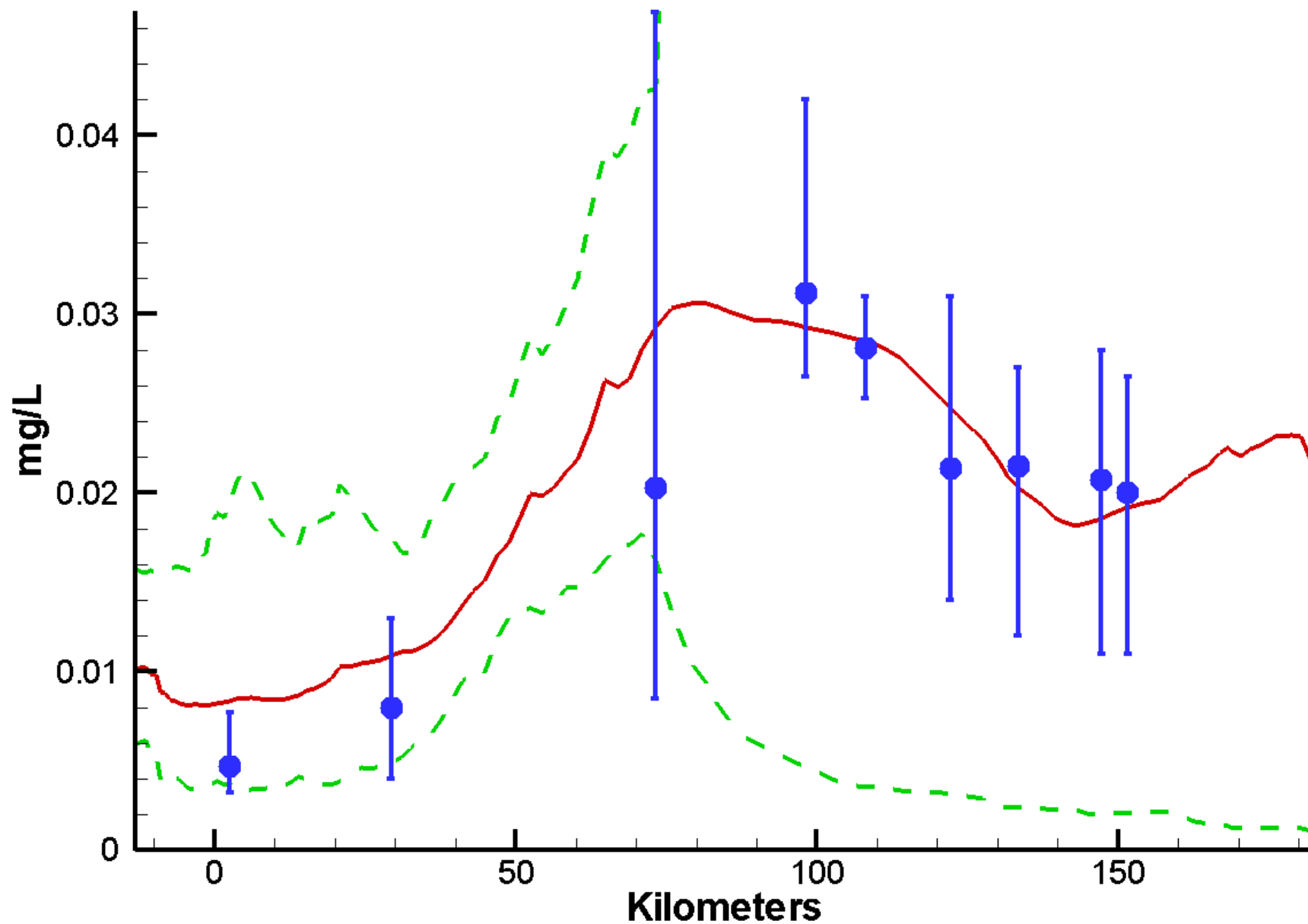
# Potomac River Ches2015 Run118

## Surface Chlorophyll Spring 1996



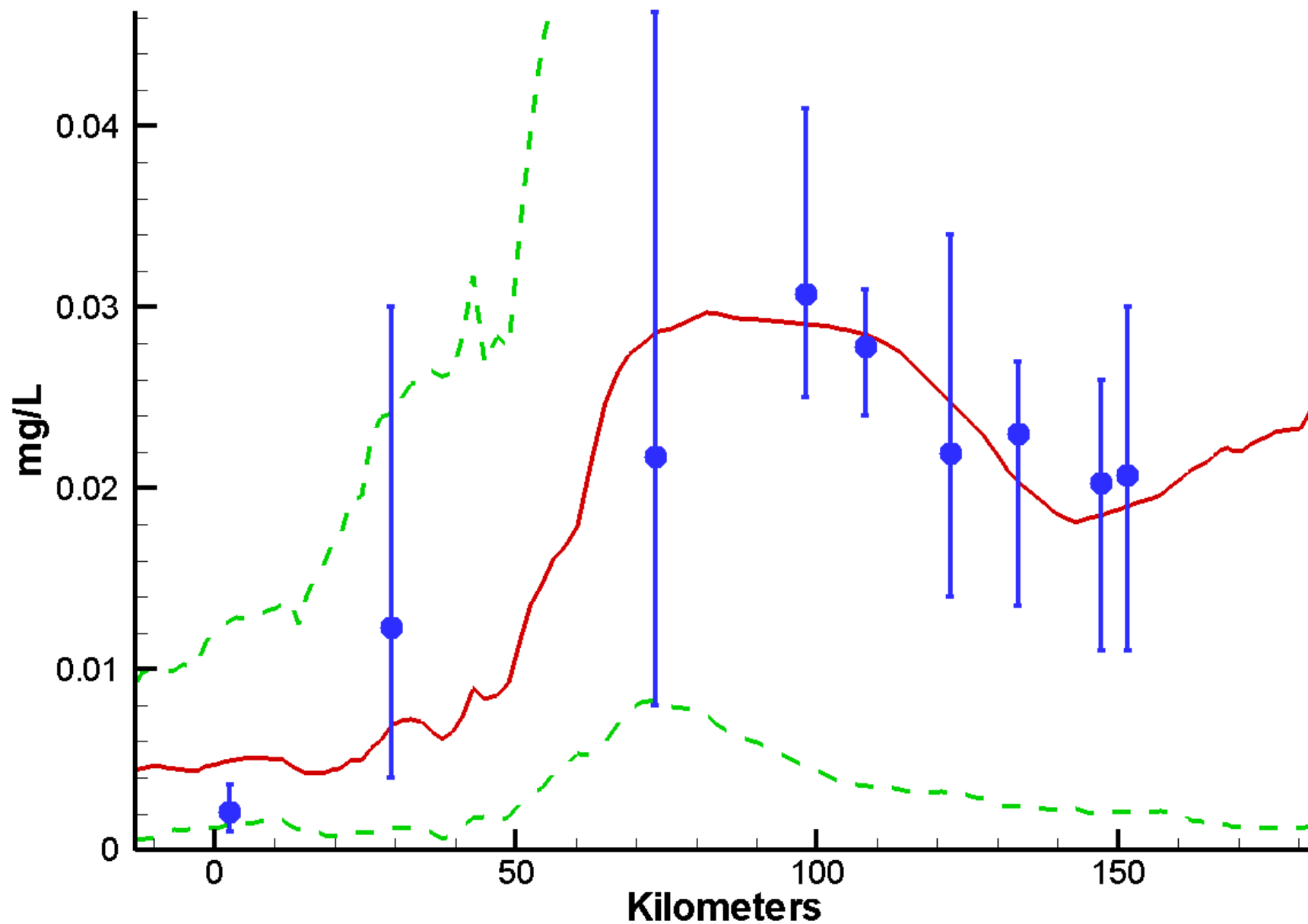
# Potomac River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1996



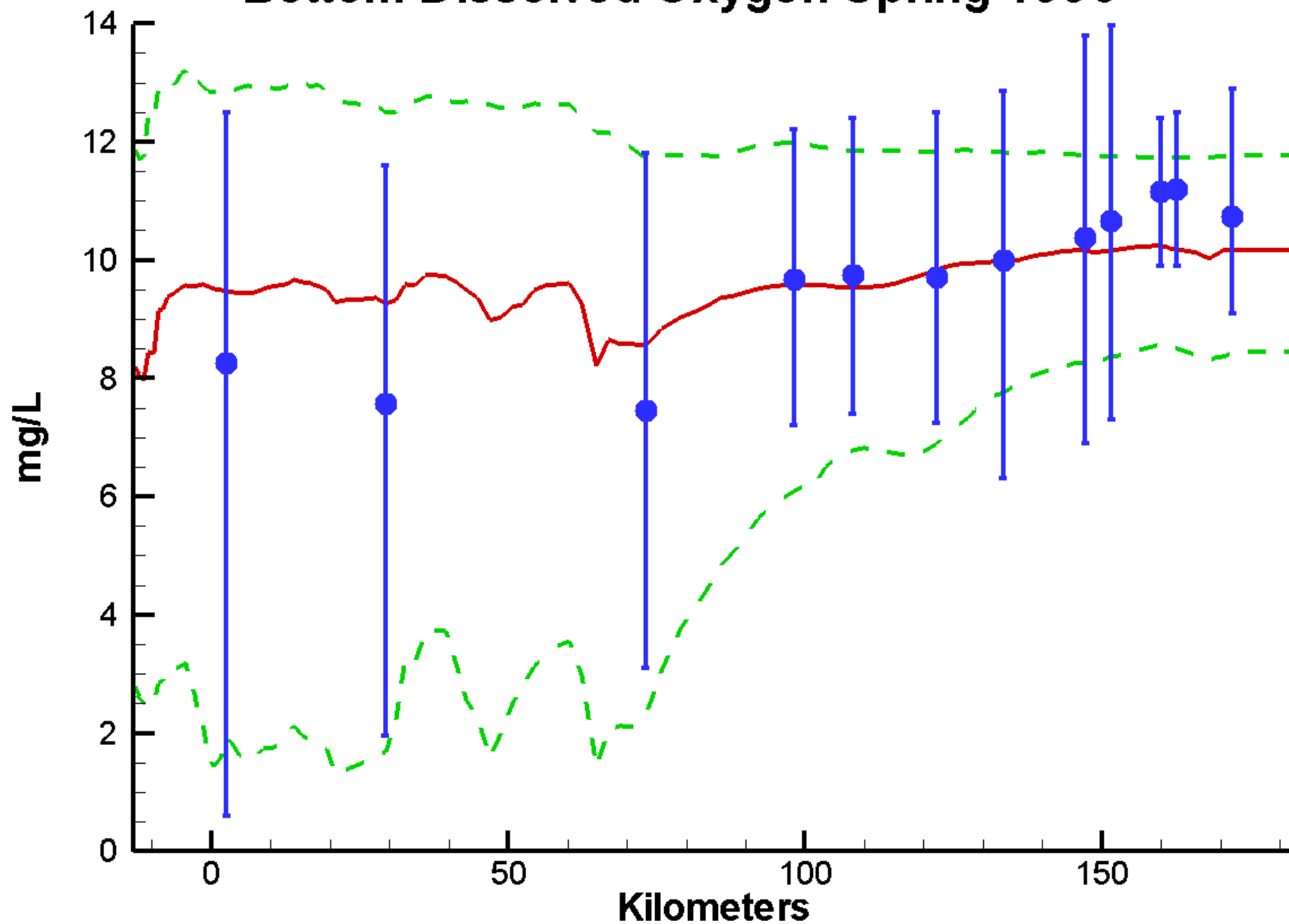
# Potomac River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1996



# Potomac River Ches2015 Run118

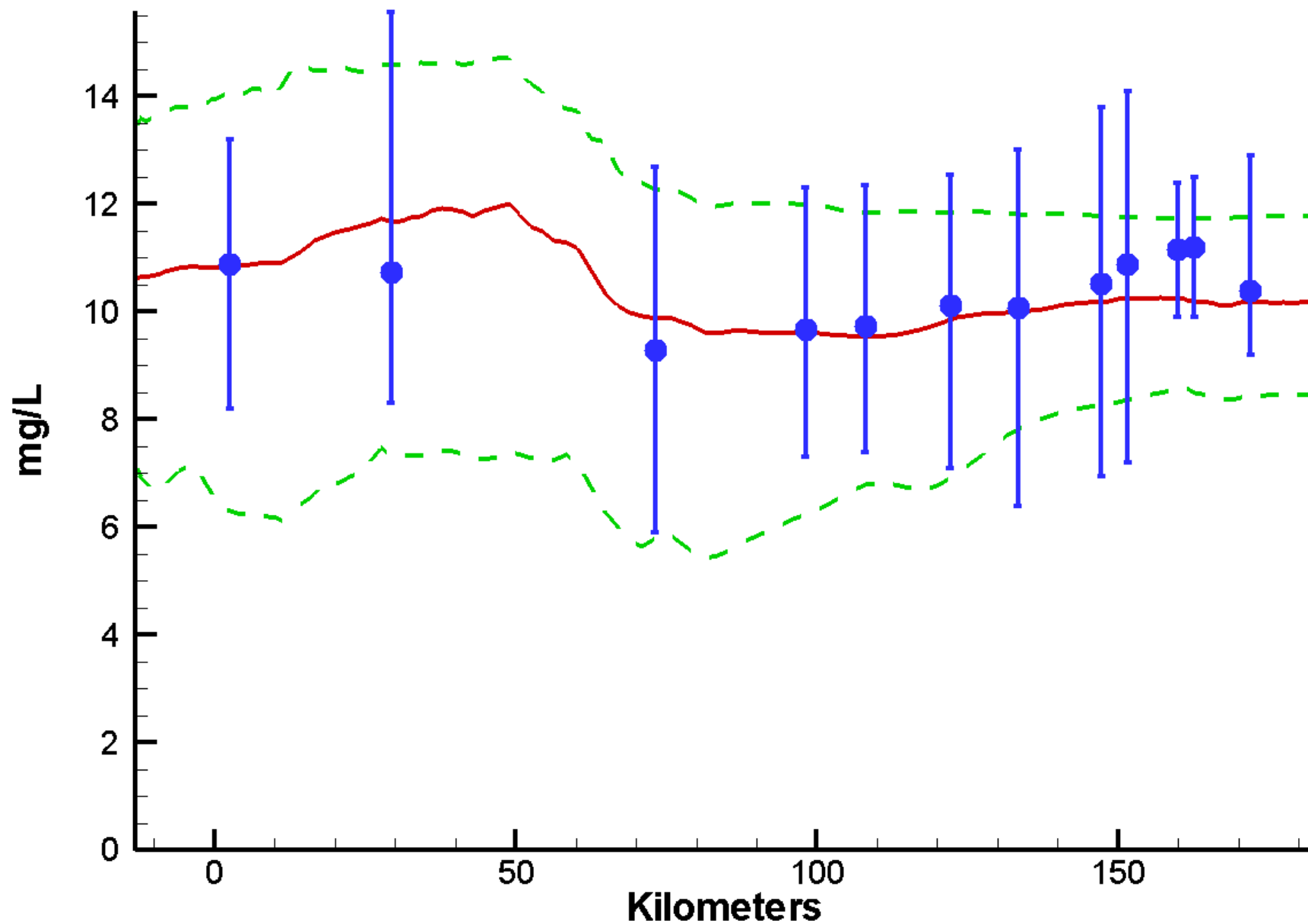
## Bottom Dissolved Oxygen Spring 1996





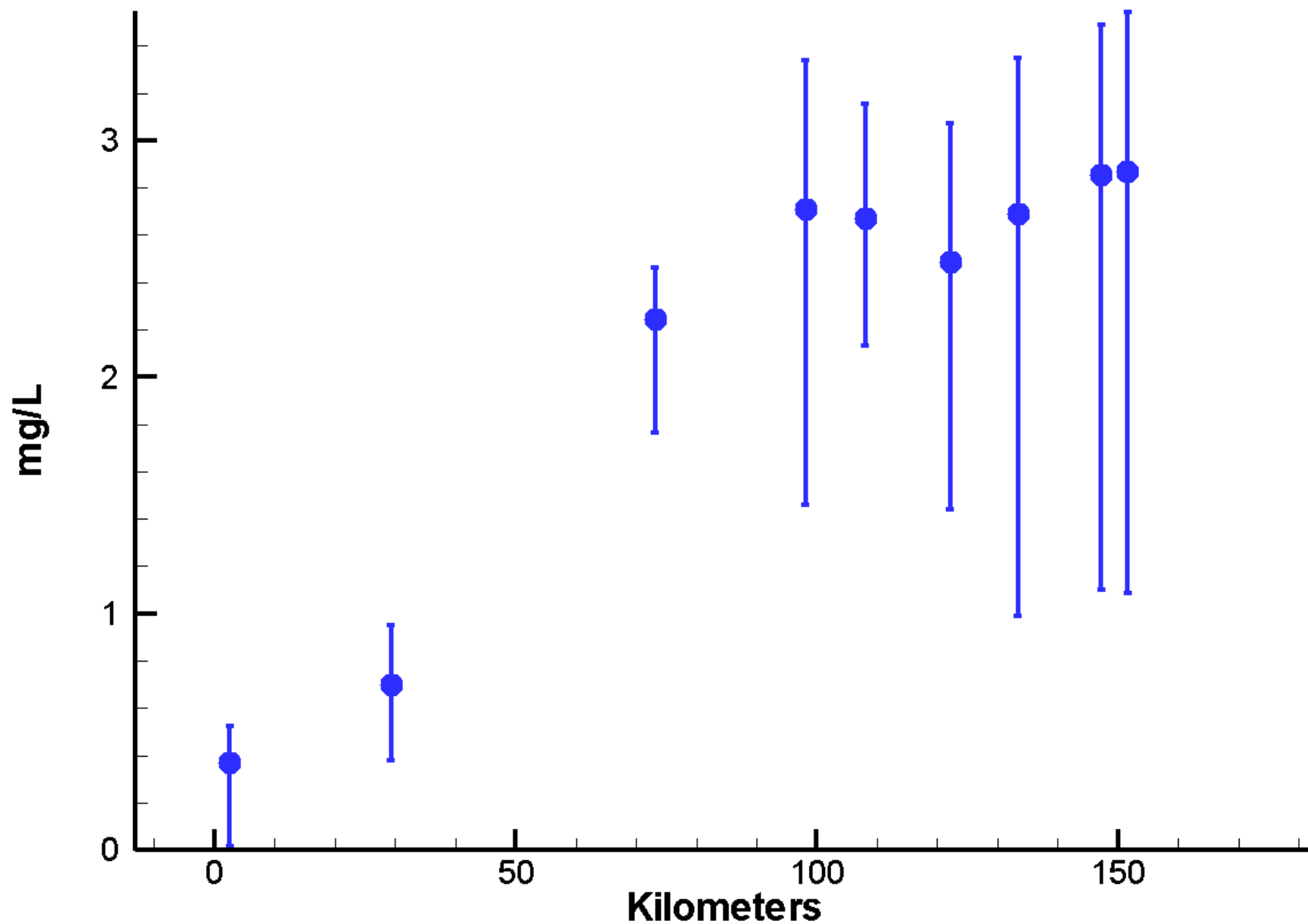
# Potomac River Ches2015 Run118

## Surface Dissolved Oxygen Spring 1996

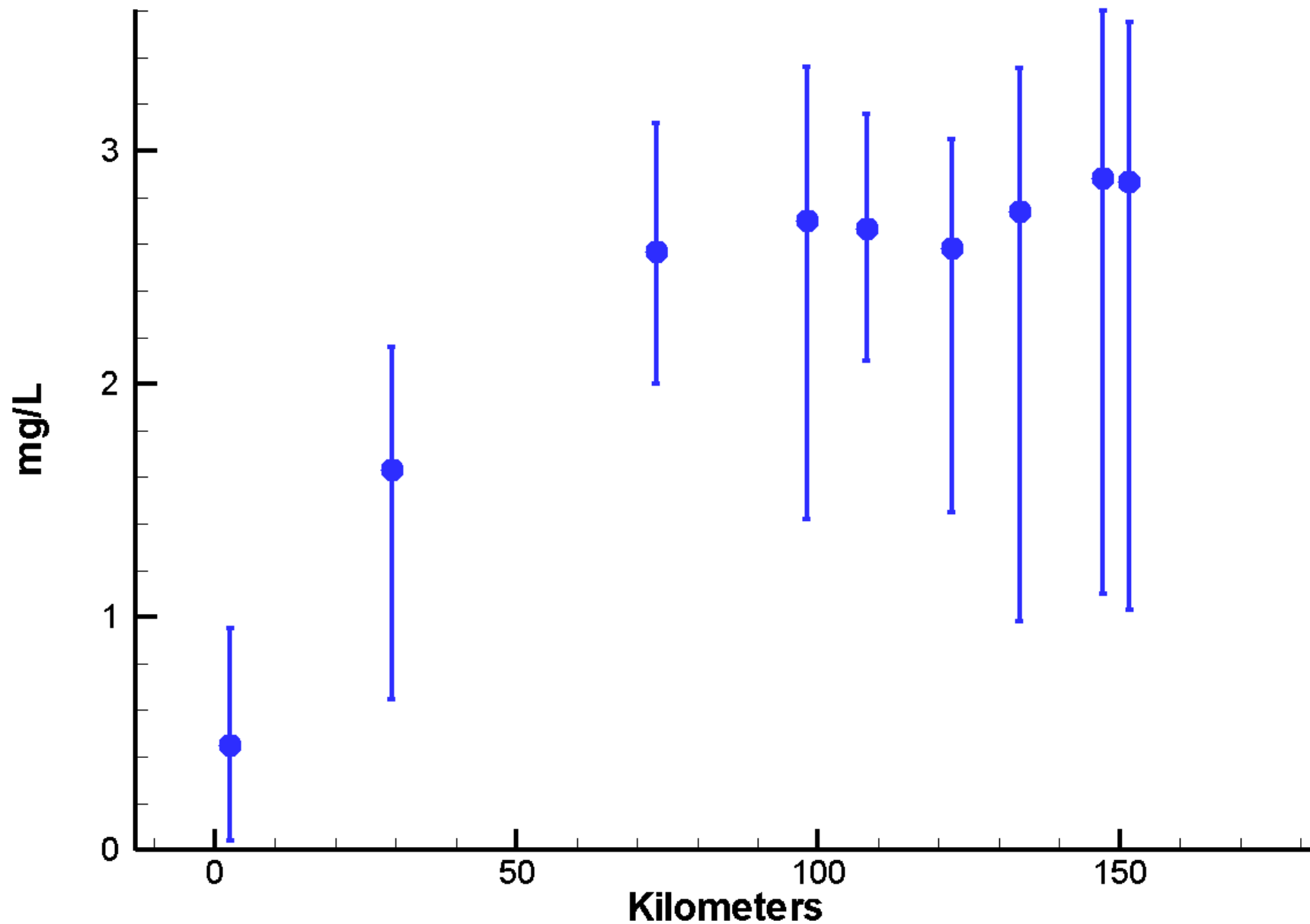


# Potomac River Ches2015 Run118

## Bottom Dissolved Silica Spring 1996

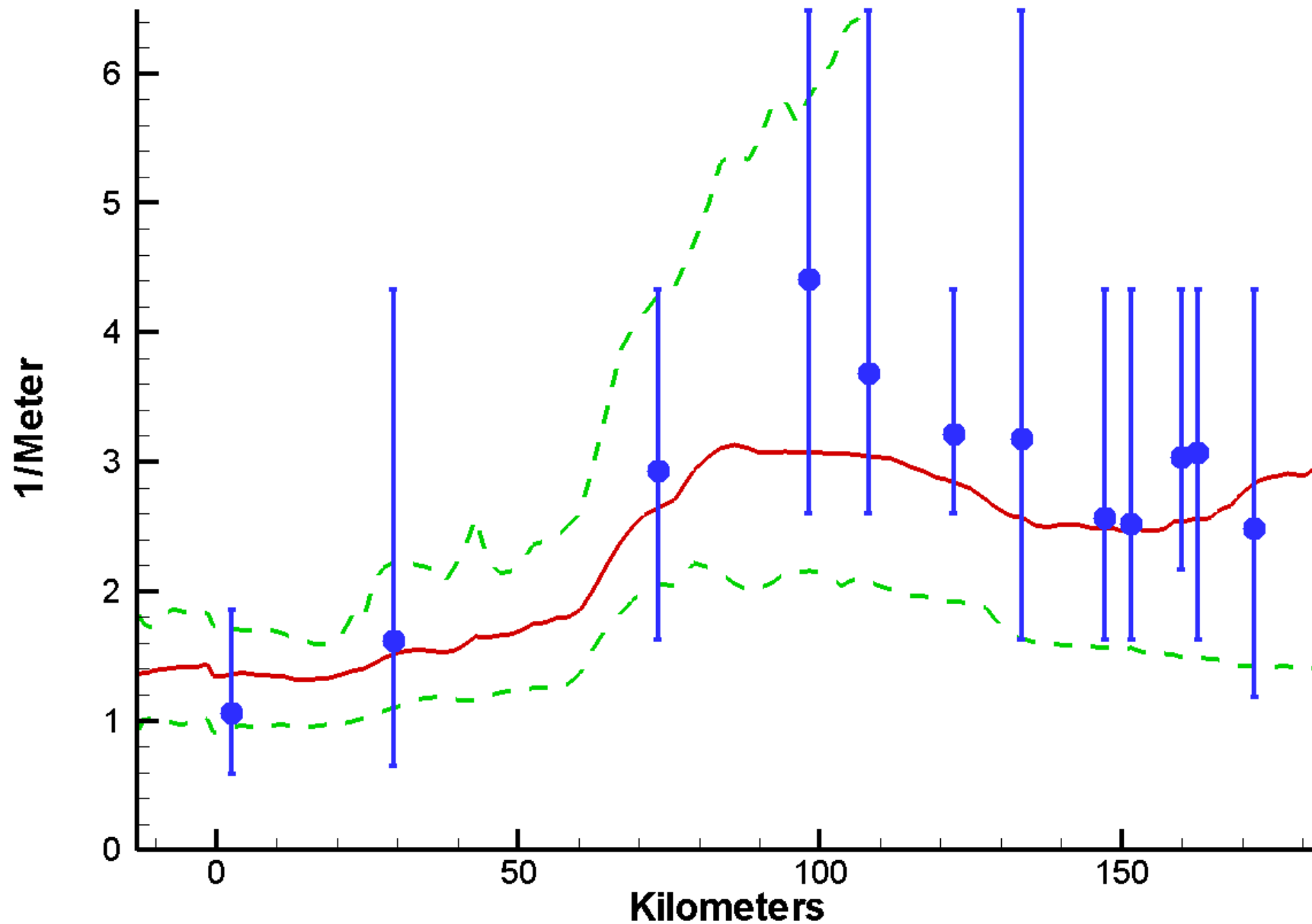


# Potomac River Ches2015 Run118 Surface Dissolved Silica Spring 1996



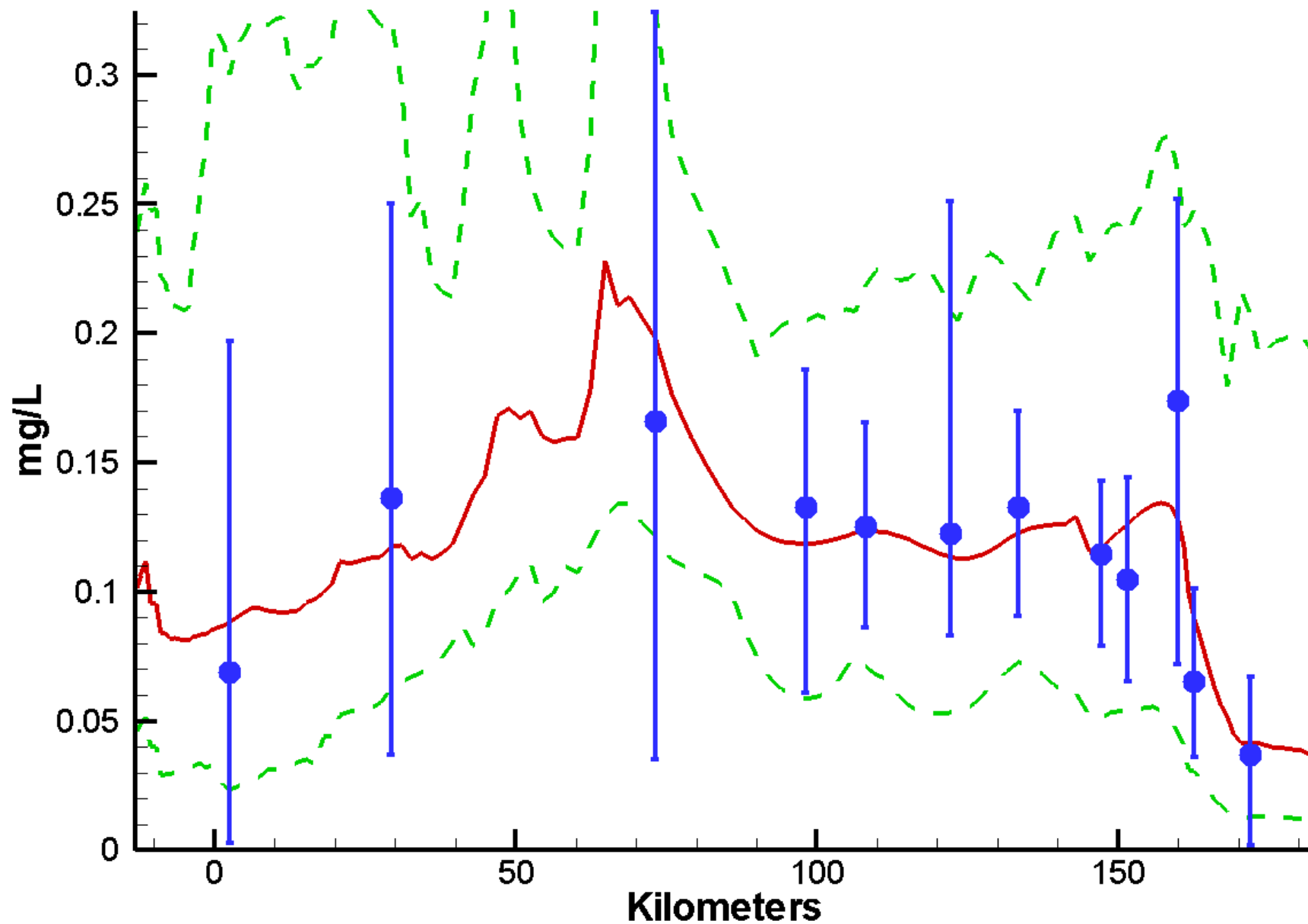
# Potomac River Ches2015 Run118

## Surface Light Extinction Spring 1996



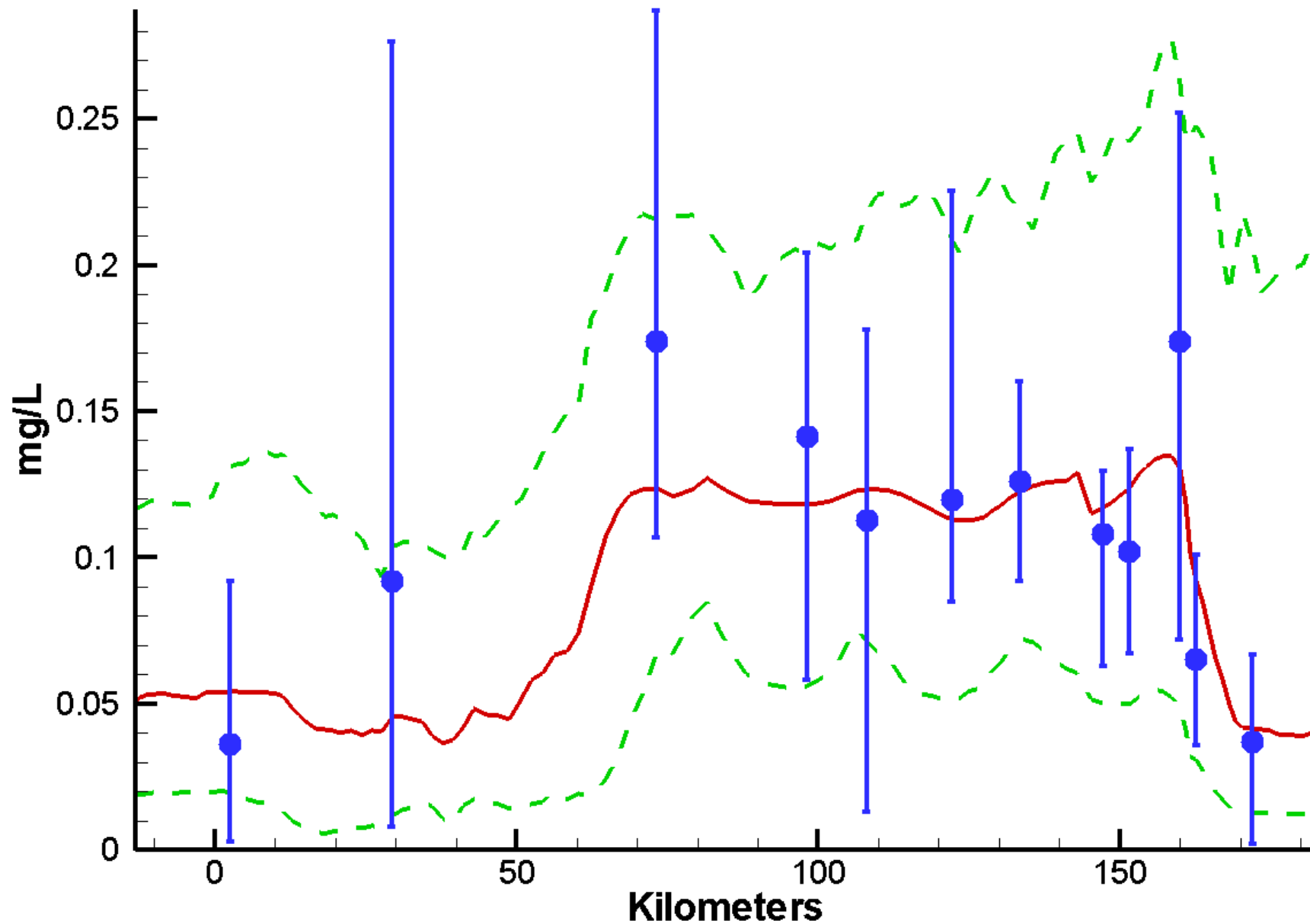
# Potomac River Ches2015 Run118

## Bottom Ammonium Spring 1996



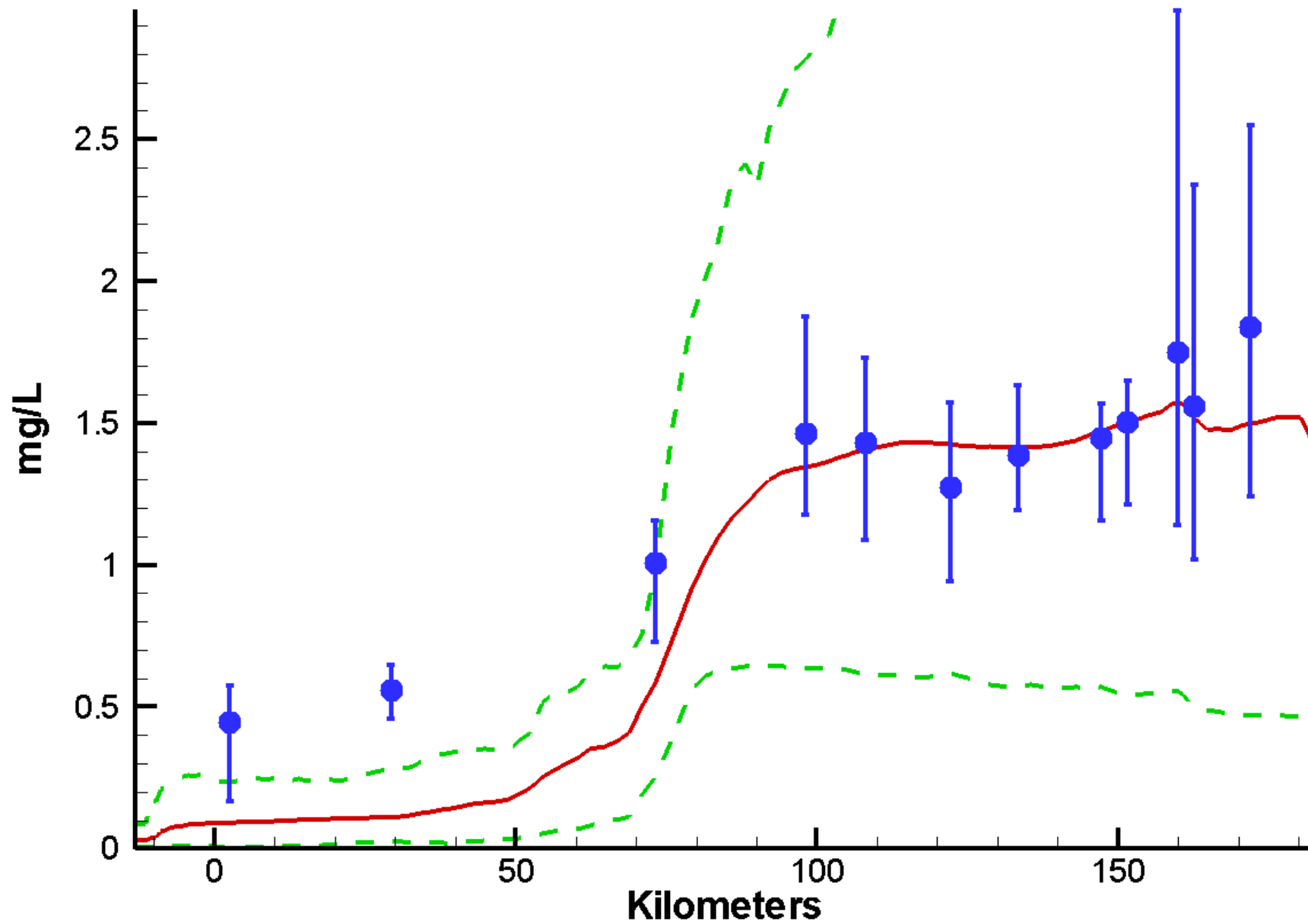
# Potomac River Ches2015 Run118

## Surface Ammonium Spring 1996



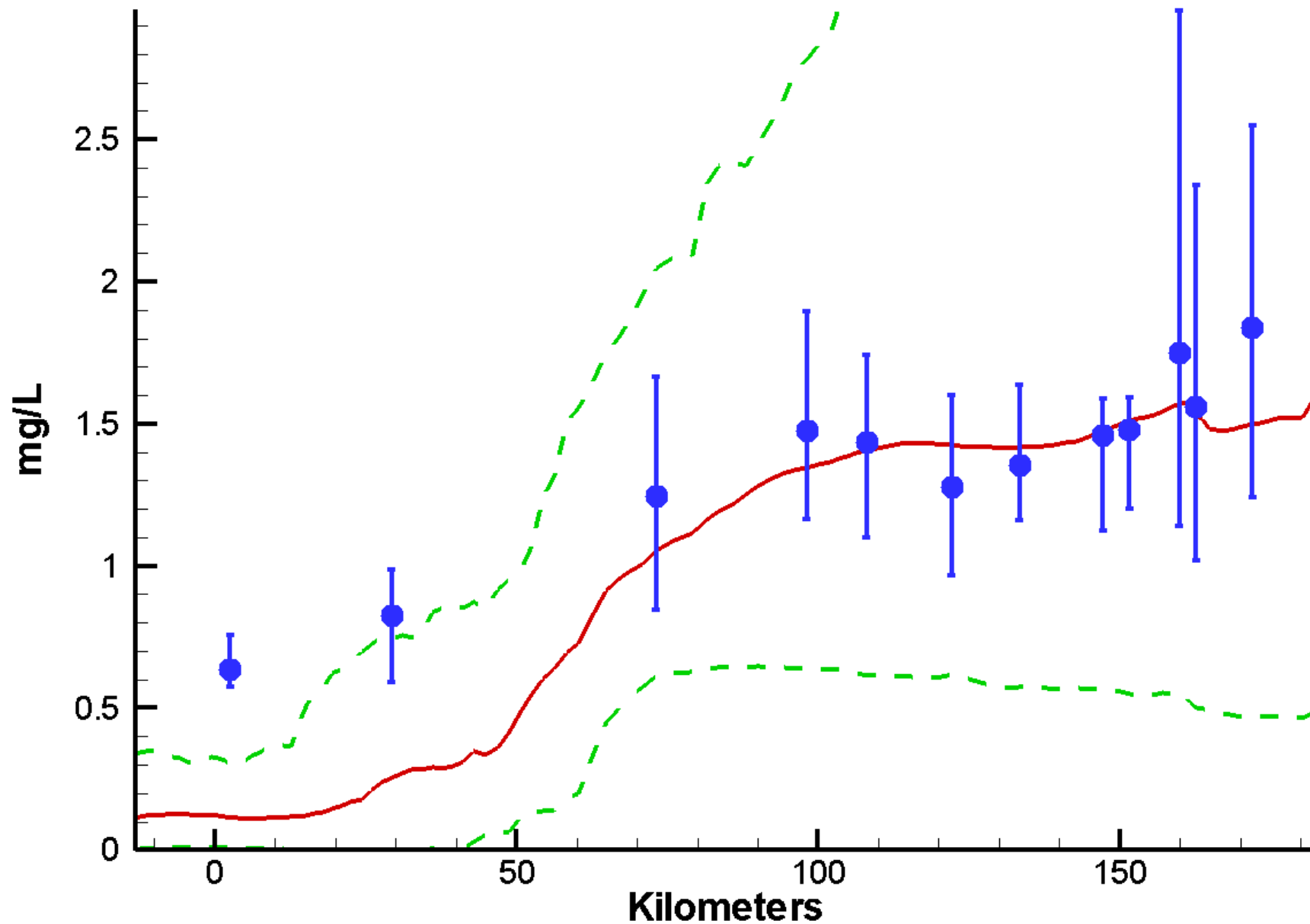
# Potomac River Ches2015 Run118

## Bottom Nitrate Spring 1996



# Potomac River Ches2015 Run118

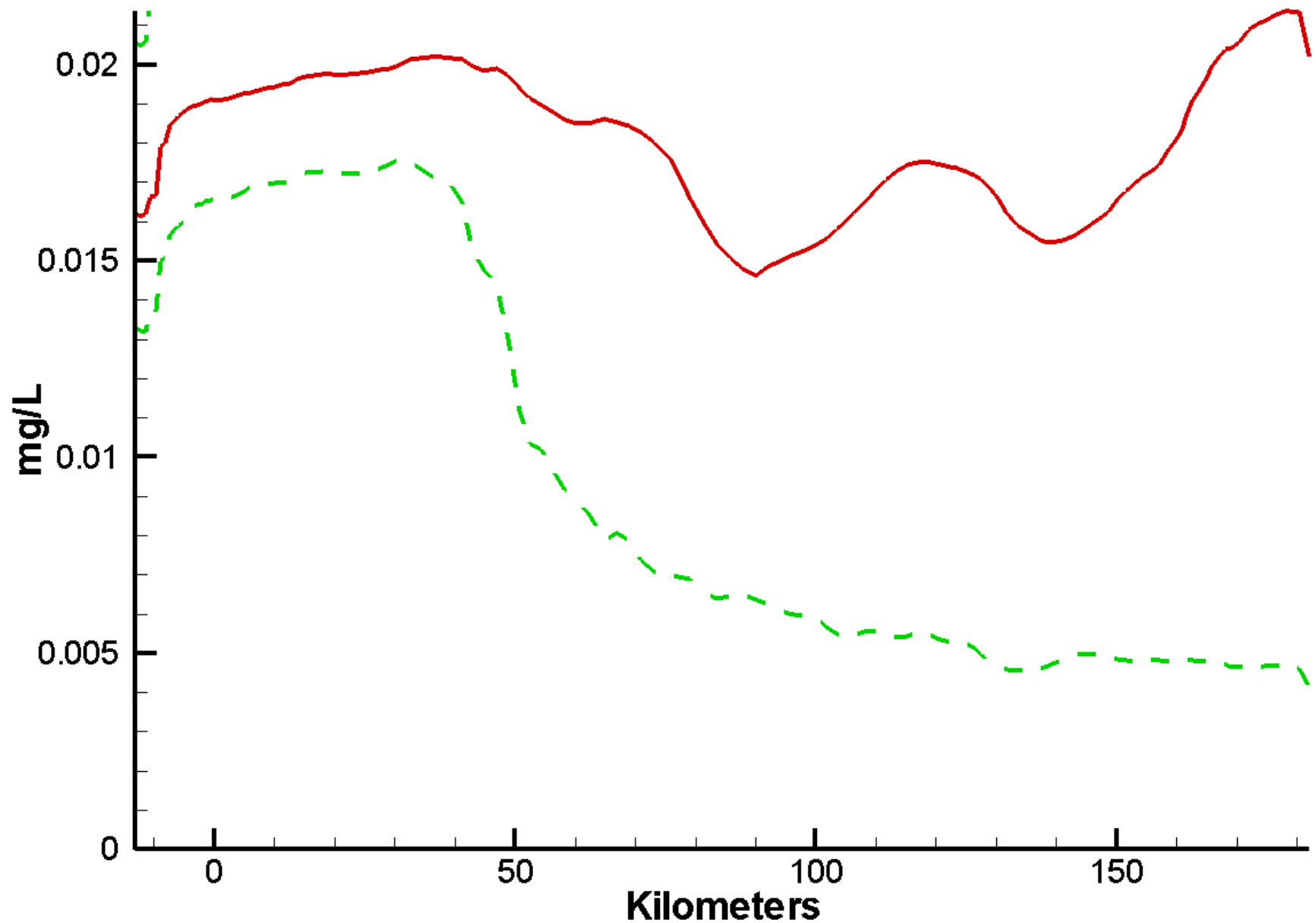
## Surface Nitrate Spring 1996





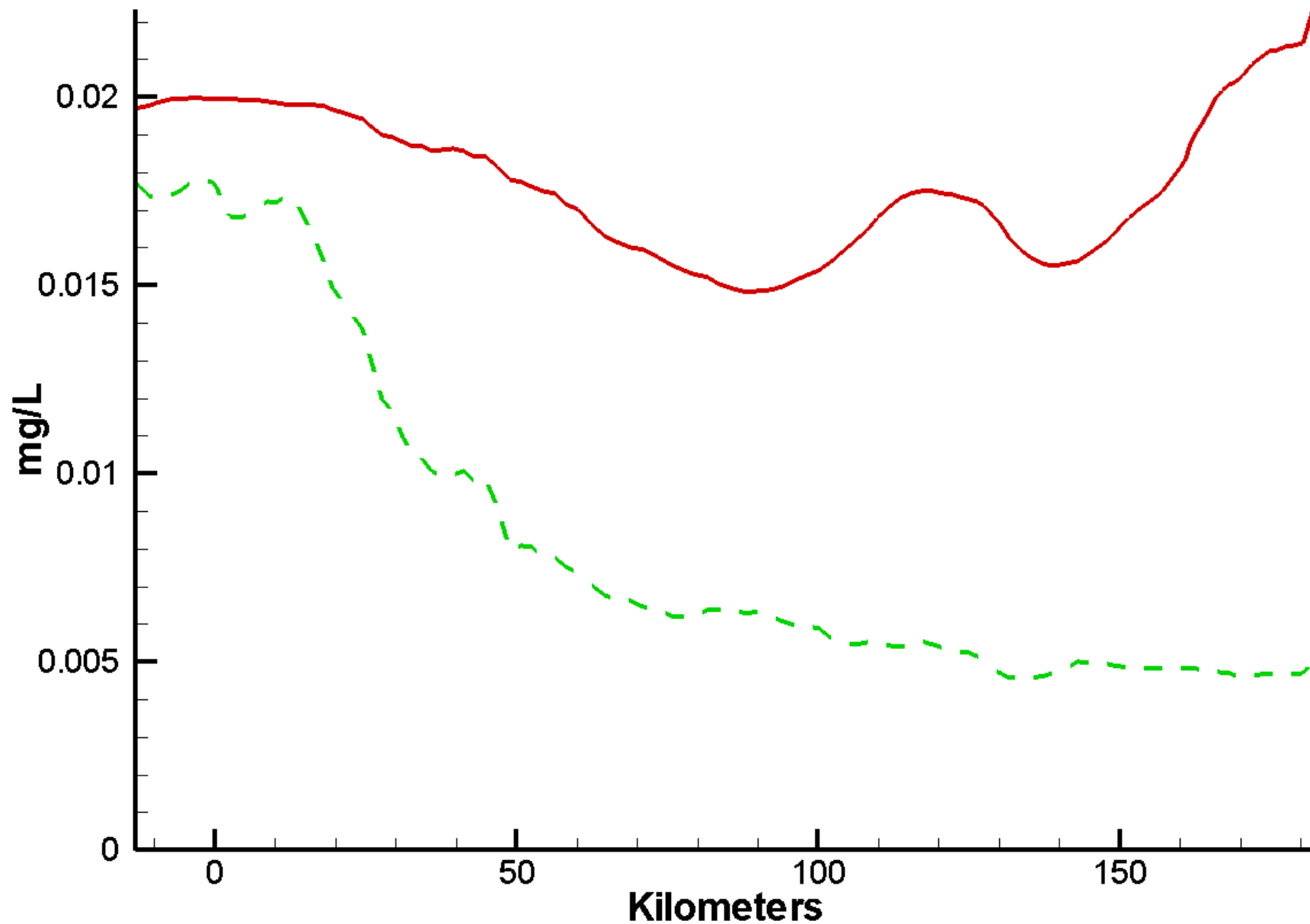
# Potomac River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1996



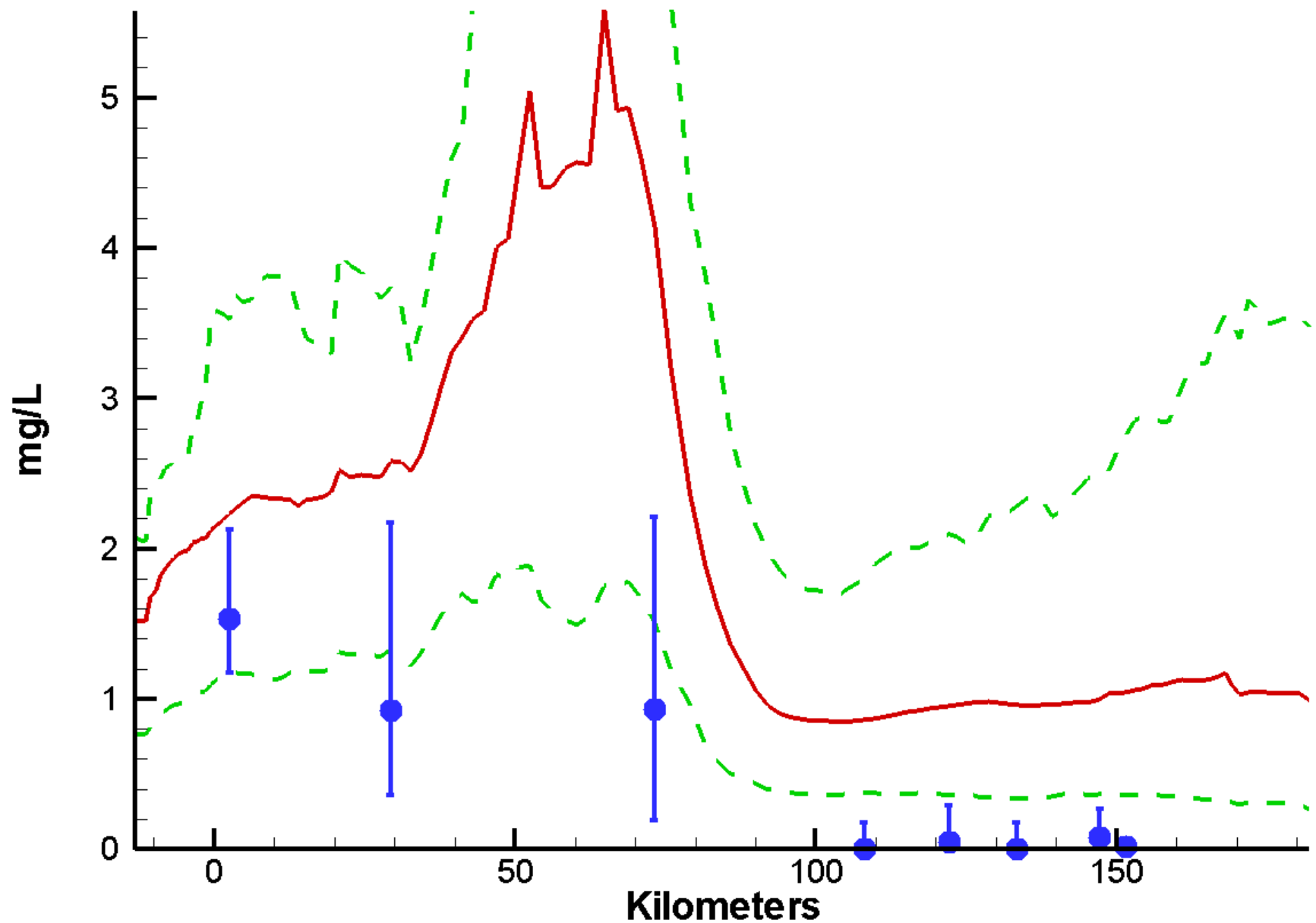
# Potomac River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1996



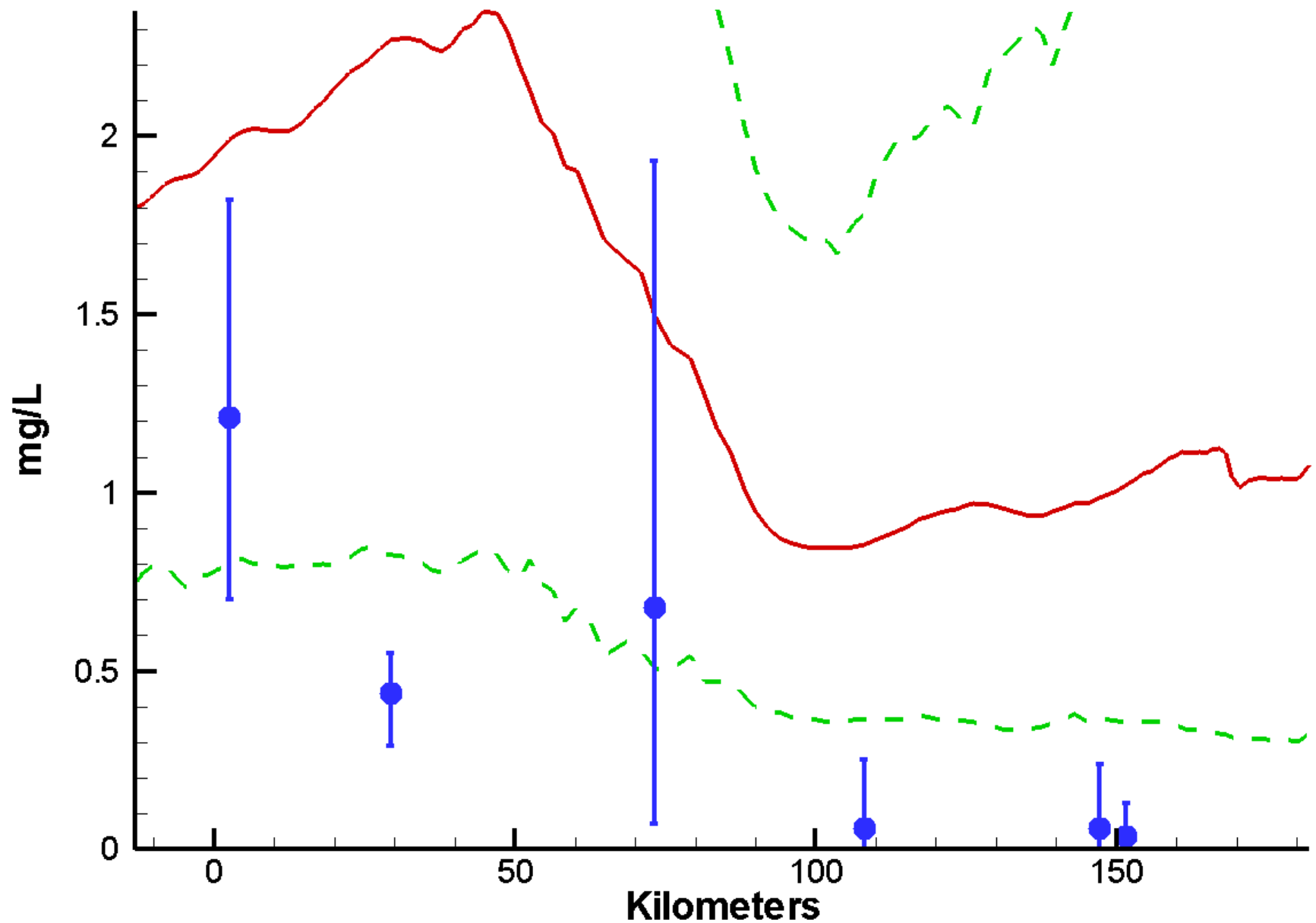
# Potomac River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1996



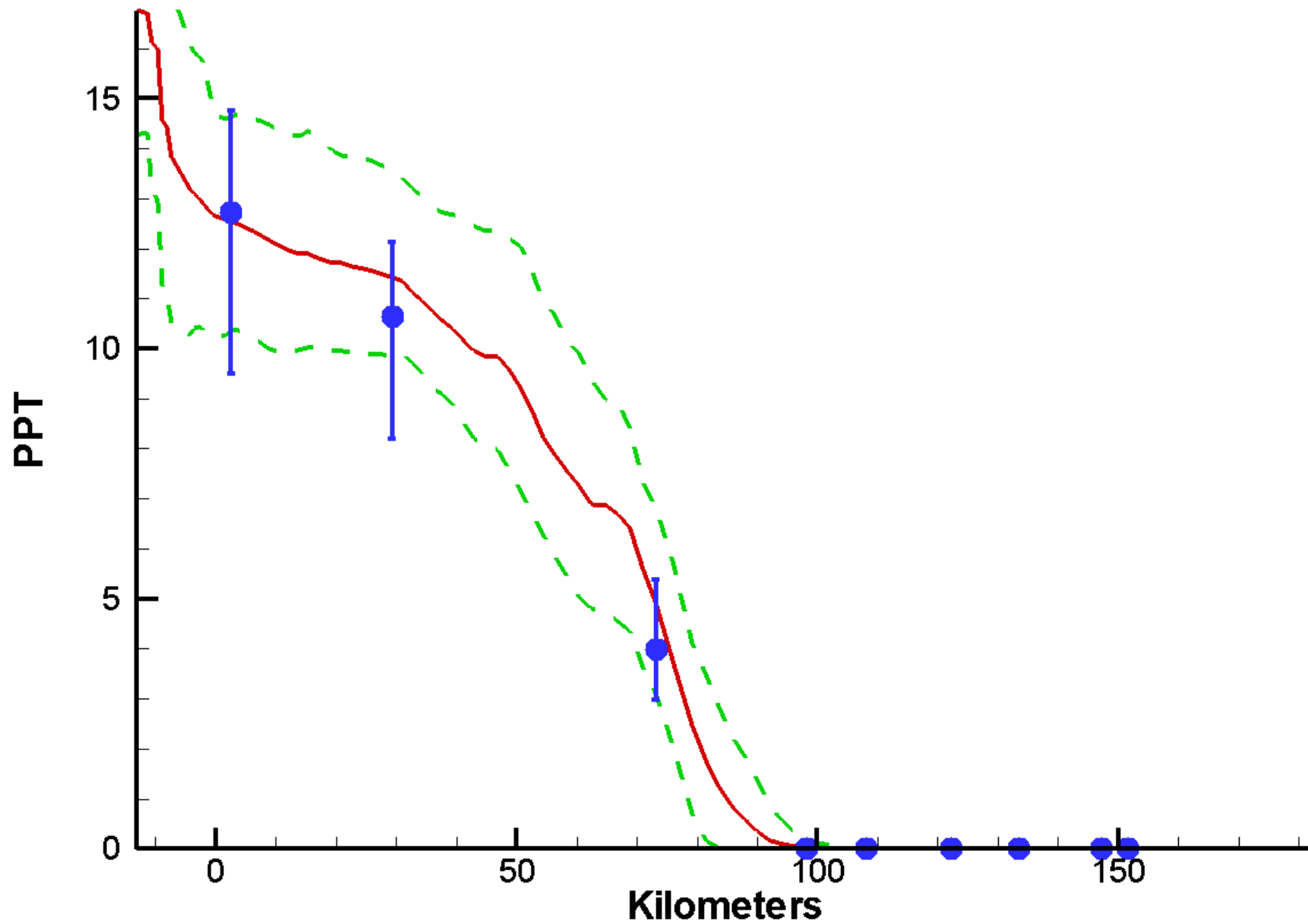
# Potomac River Ches2015 Run118

## Surface Particulate Organic Carbon Spring 1996



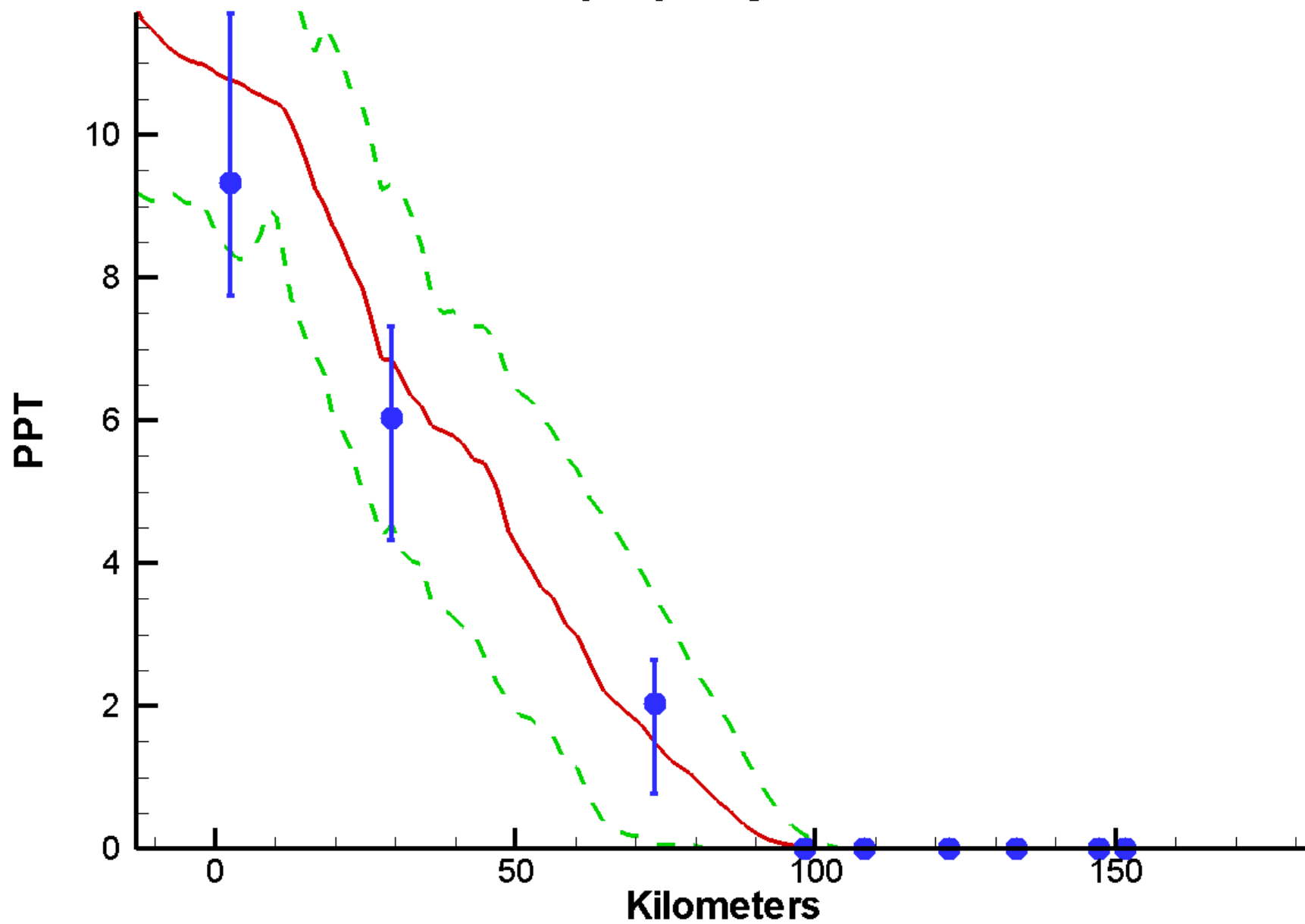
# Potomac River Ches2015 Run118

## Bottom Salinity Spring 1996



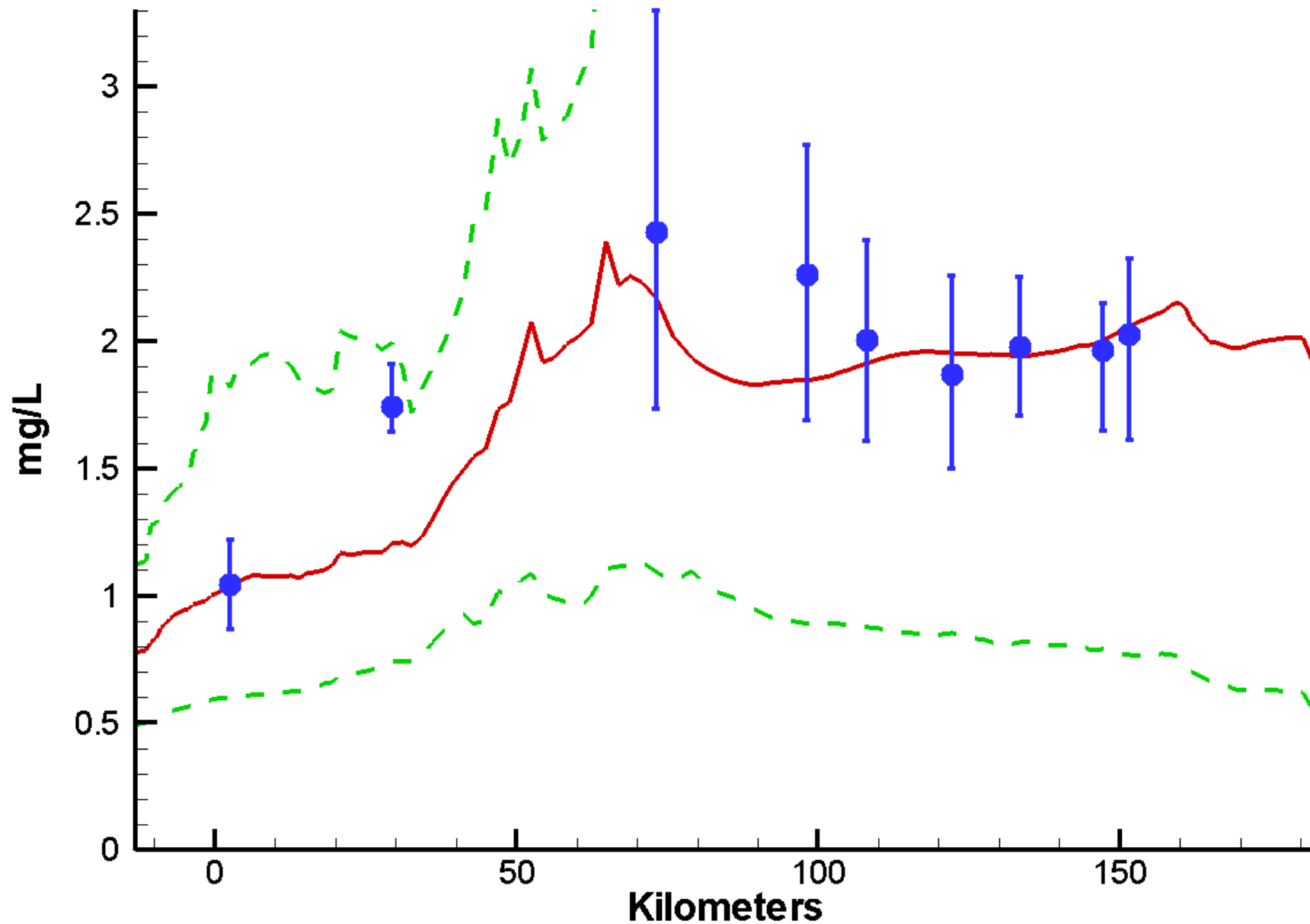
# Potomac River Ches2015 Run118

## Surface Salinity Spring 1996



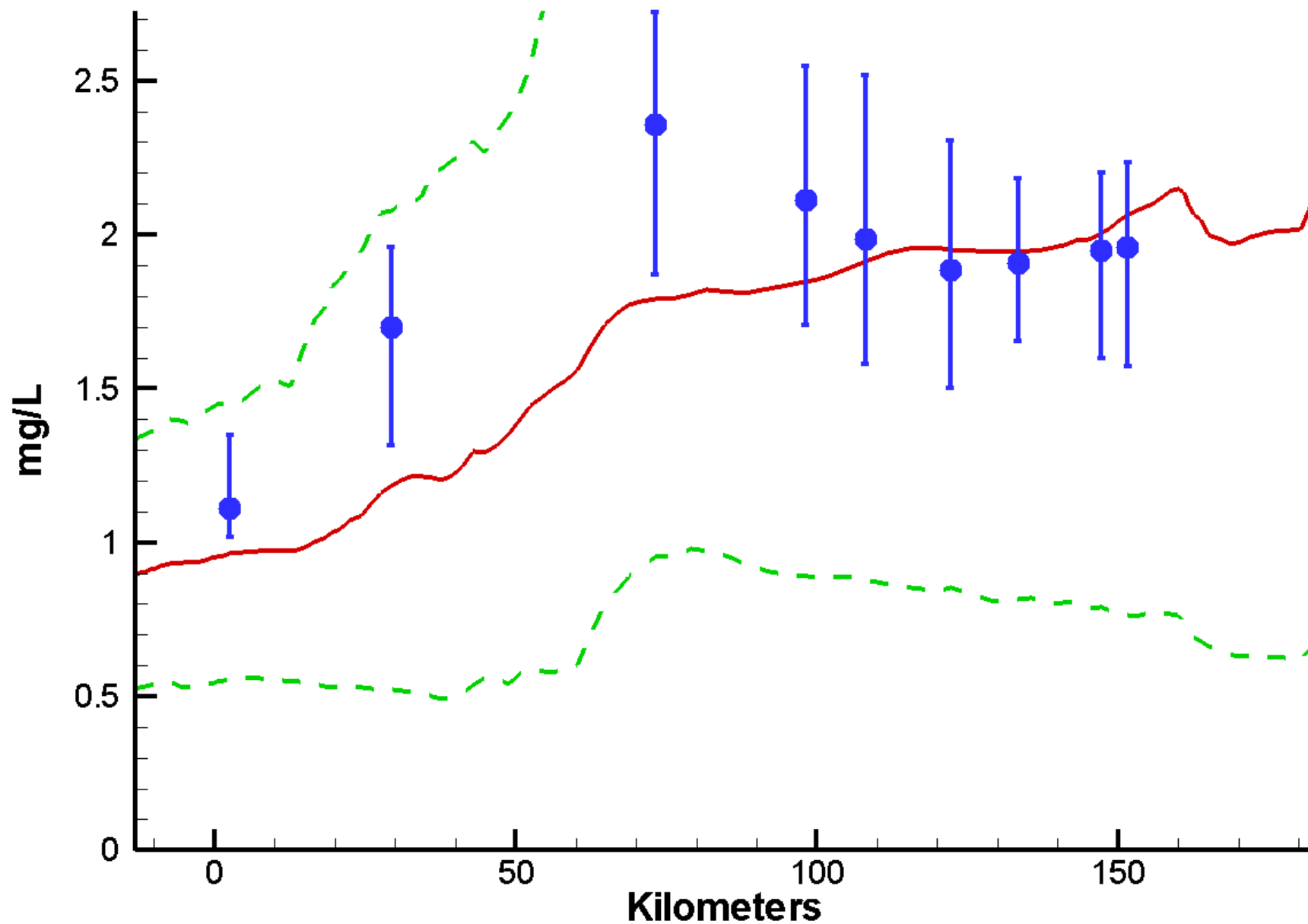
# Potomac River Ches2015 Run118

## Bottom Total Nitrogen Spring 1996



# Potomac River Ches2015 Run118

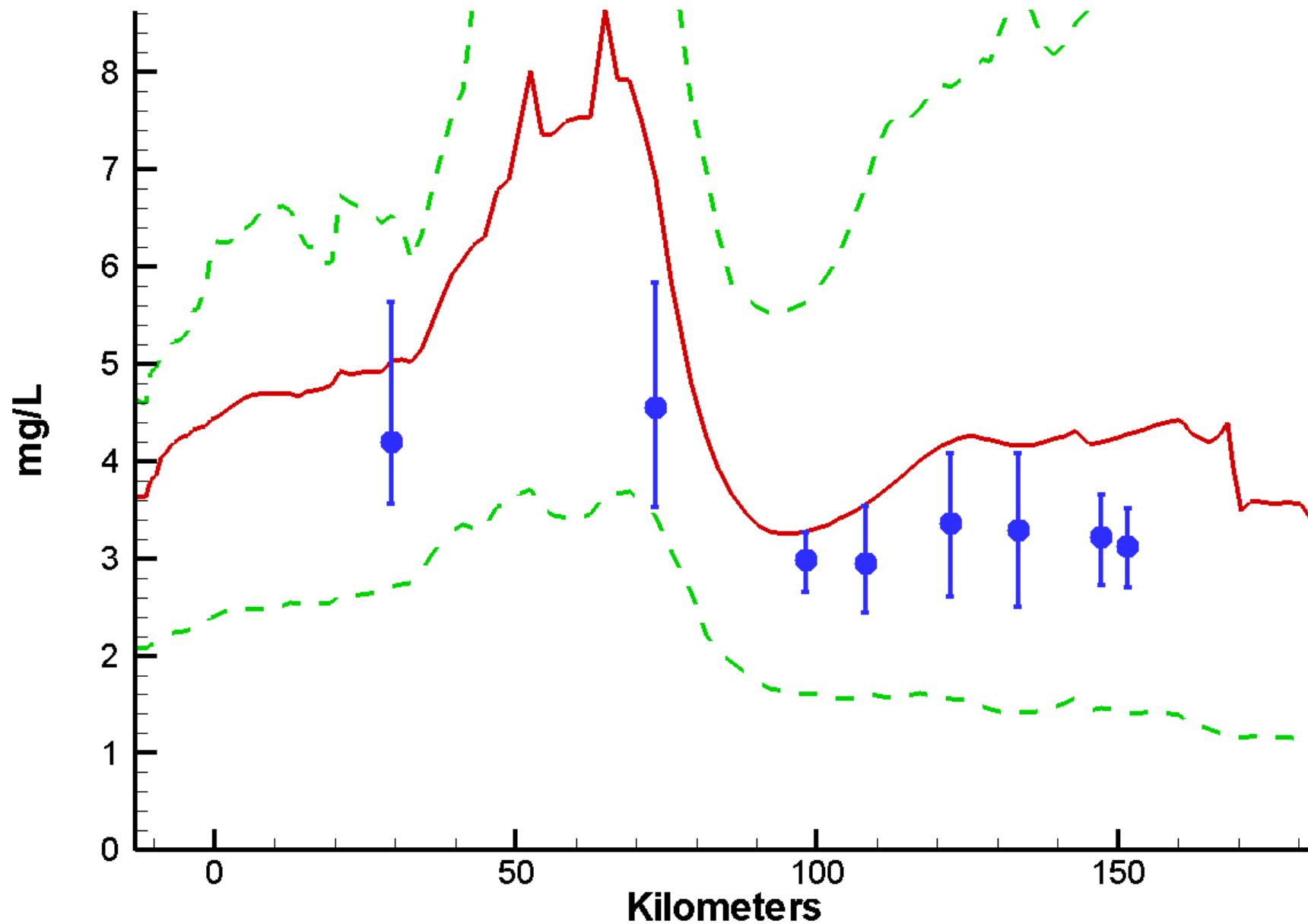
## Surface Total Nitrogen Spring 1996





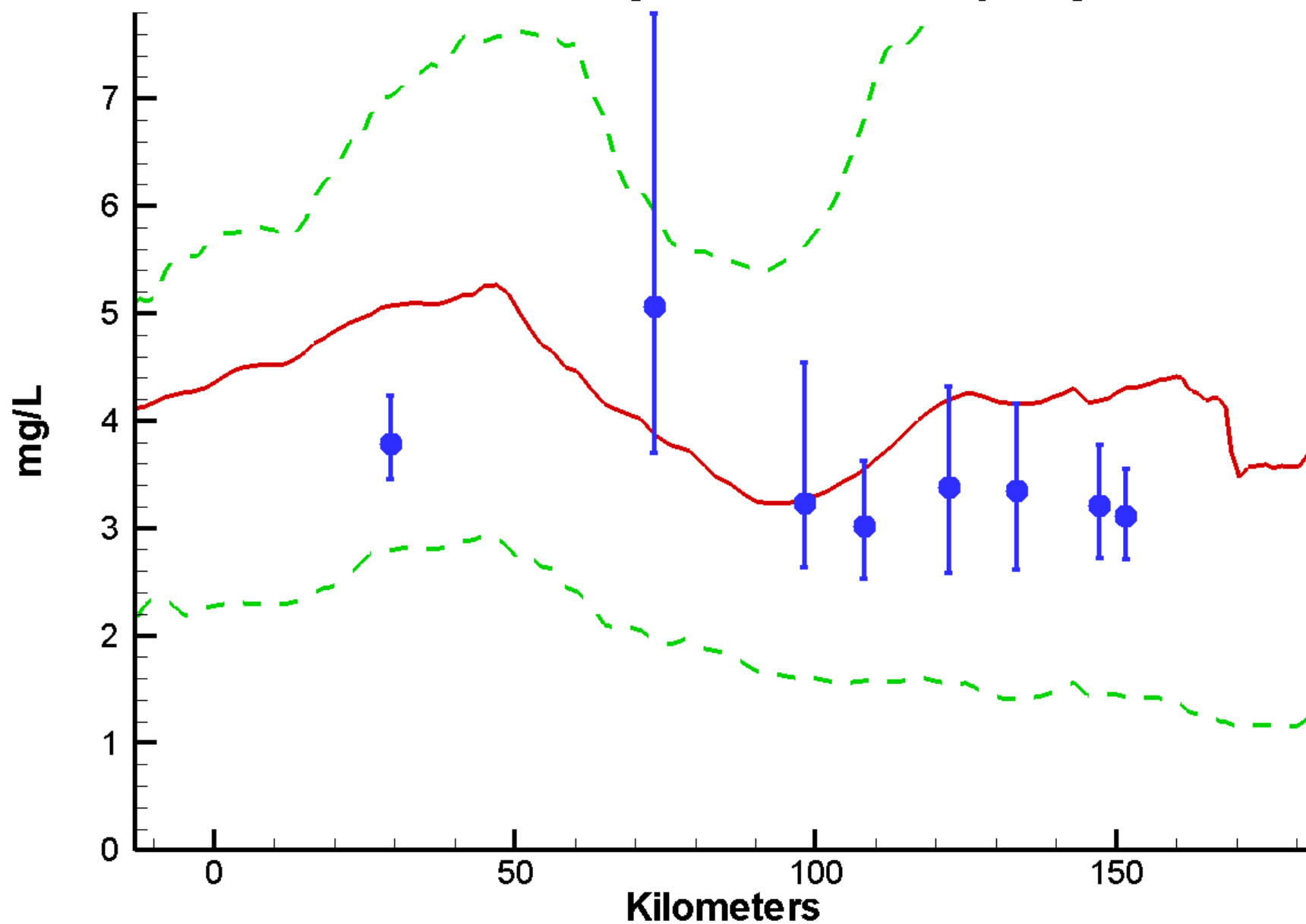
# Potomac River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1996



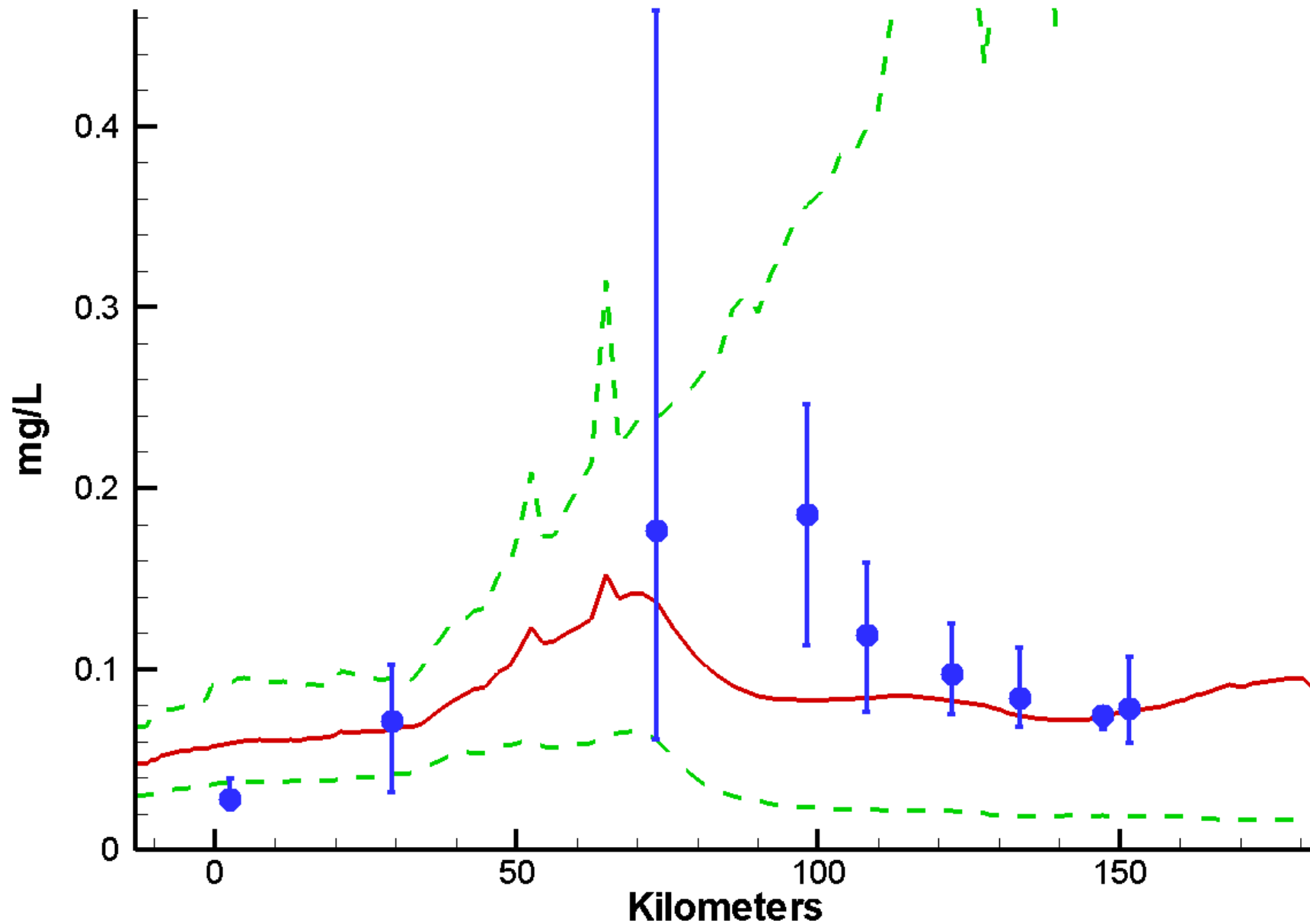
# Potomac River Ches2015 Run118

## Surface Total Organic Carbon Spring 1996



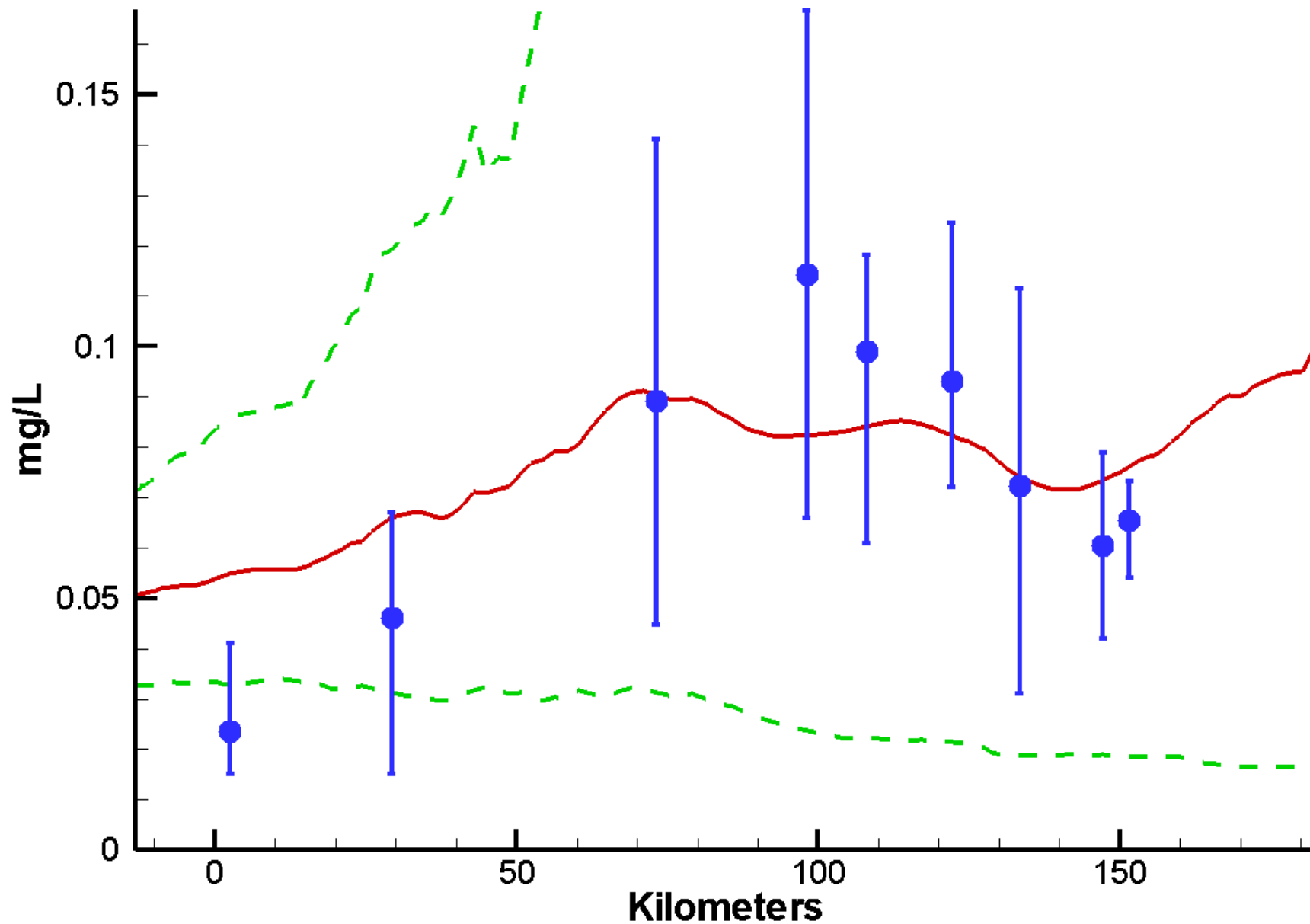
# Potomac River Ches2015 Run118

## Bottom Total Phosphorus Spring 1996



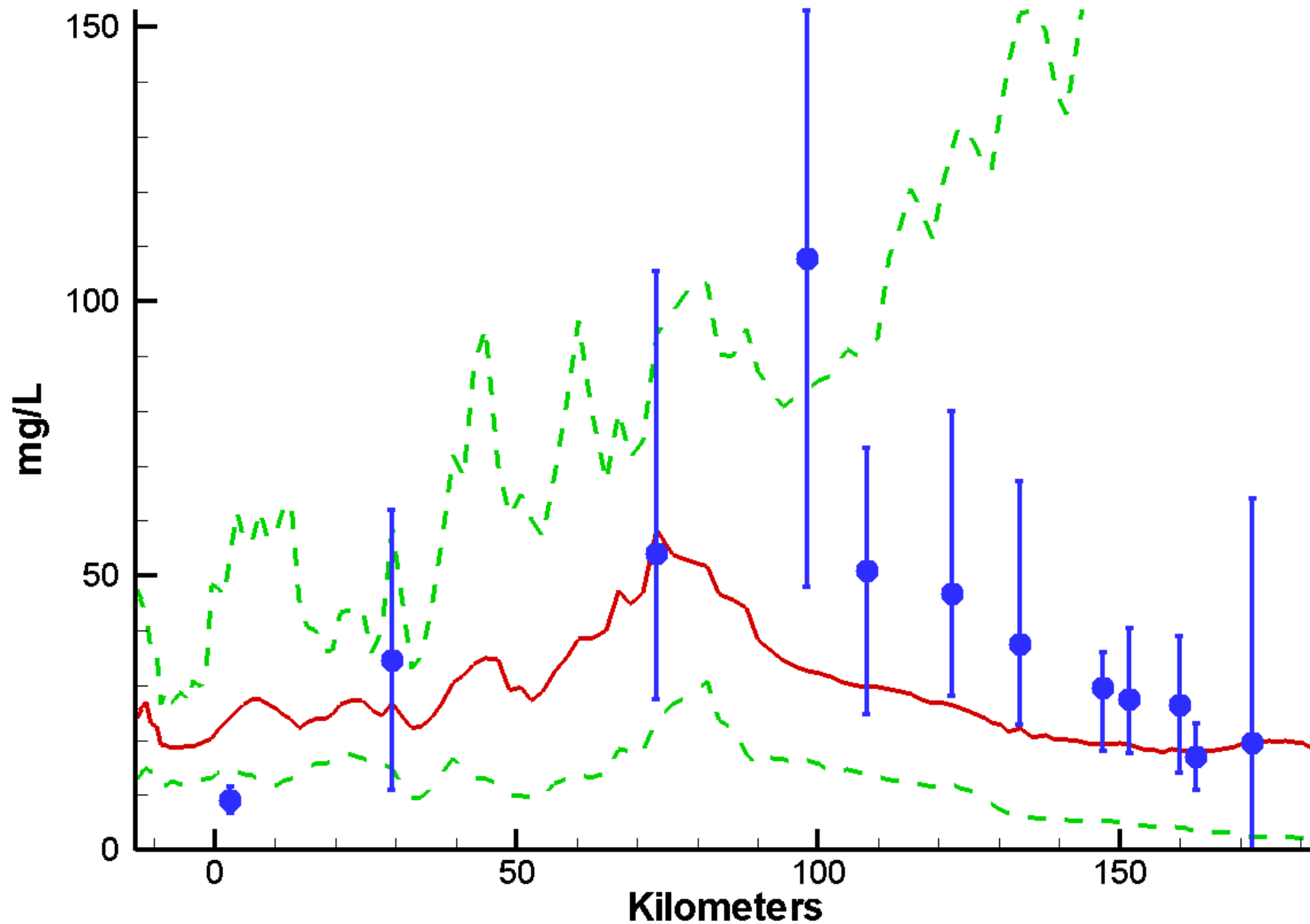
# Potomac River Ches2015 Run118

## Surface Total Phosphorus Spring 1996



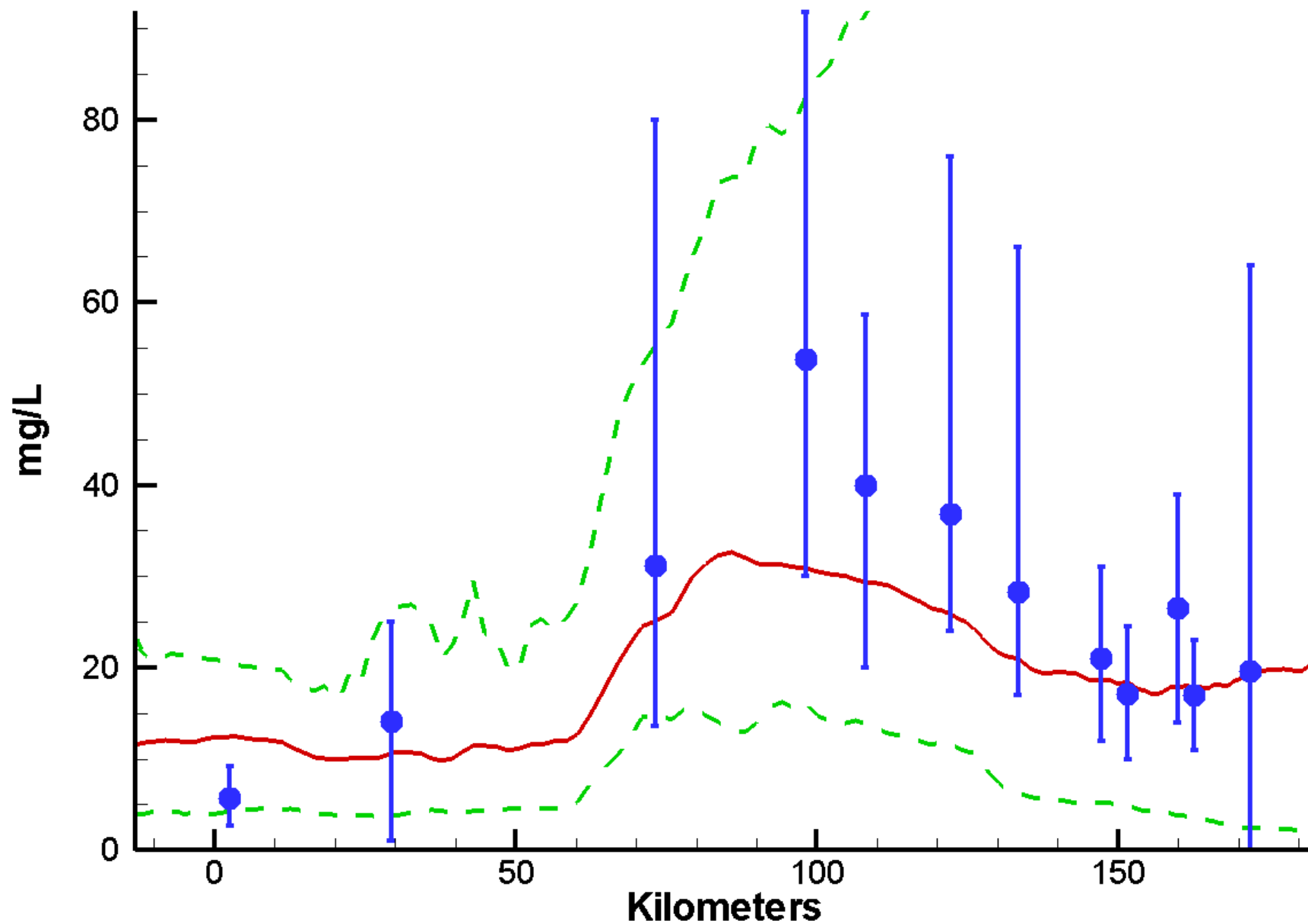
# Potomac River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1996



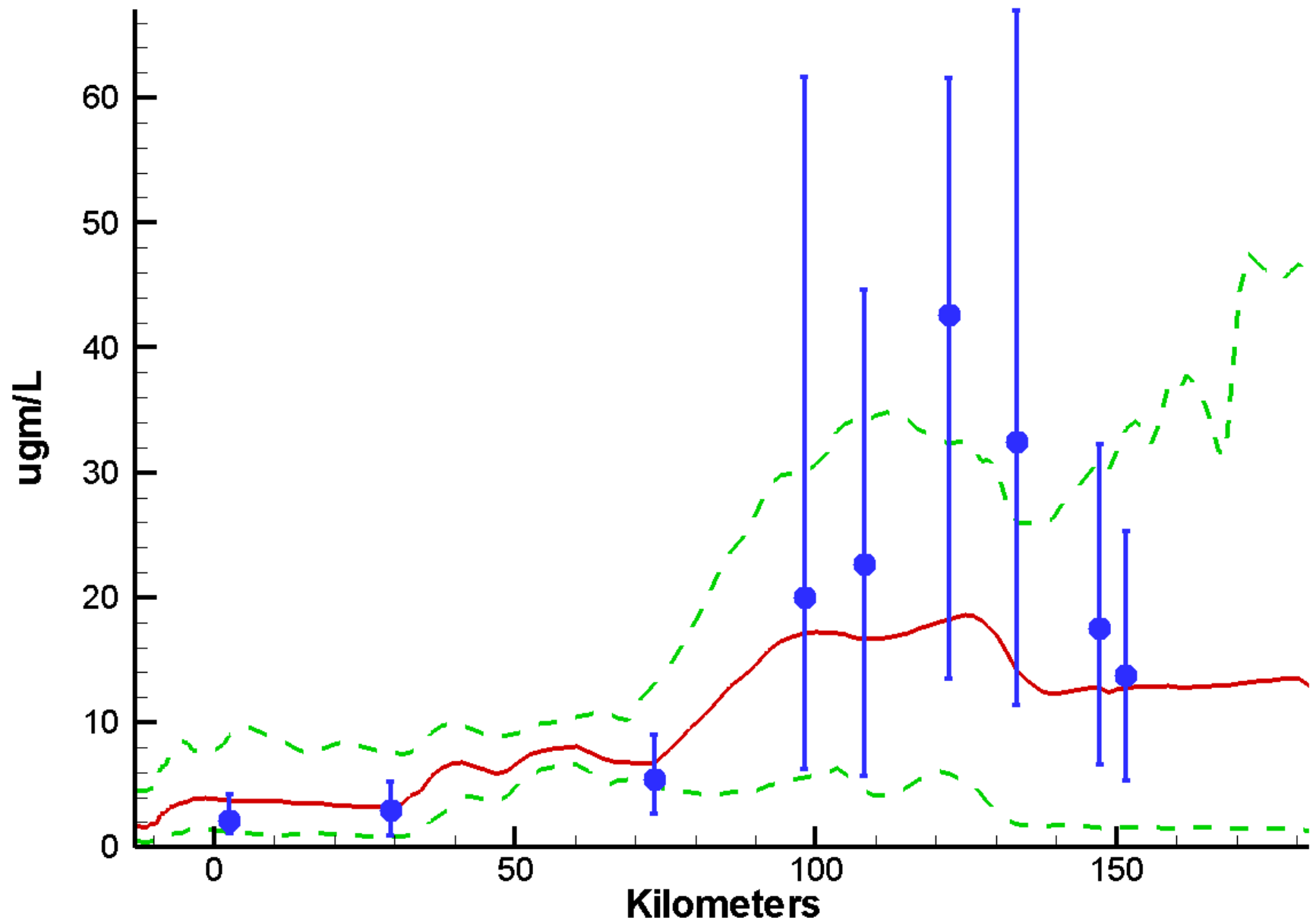
# Potomac River Ches2015 Run118

## Surface Total Suspended Solids Spring 1996



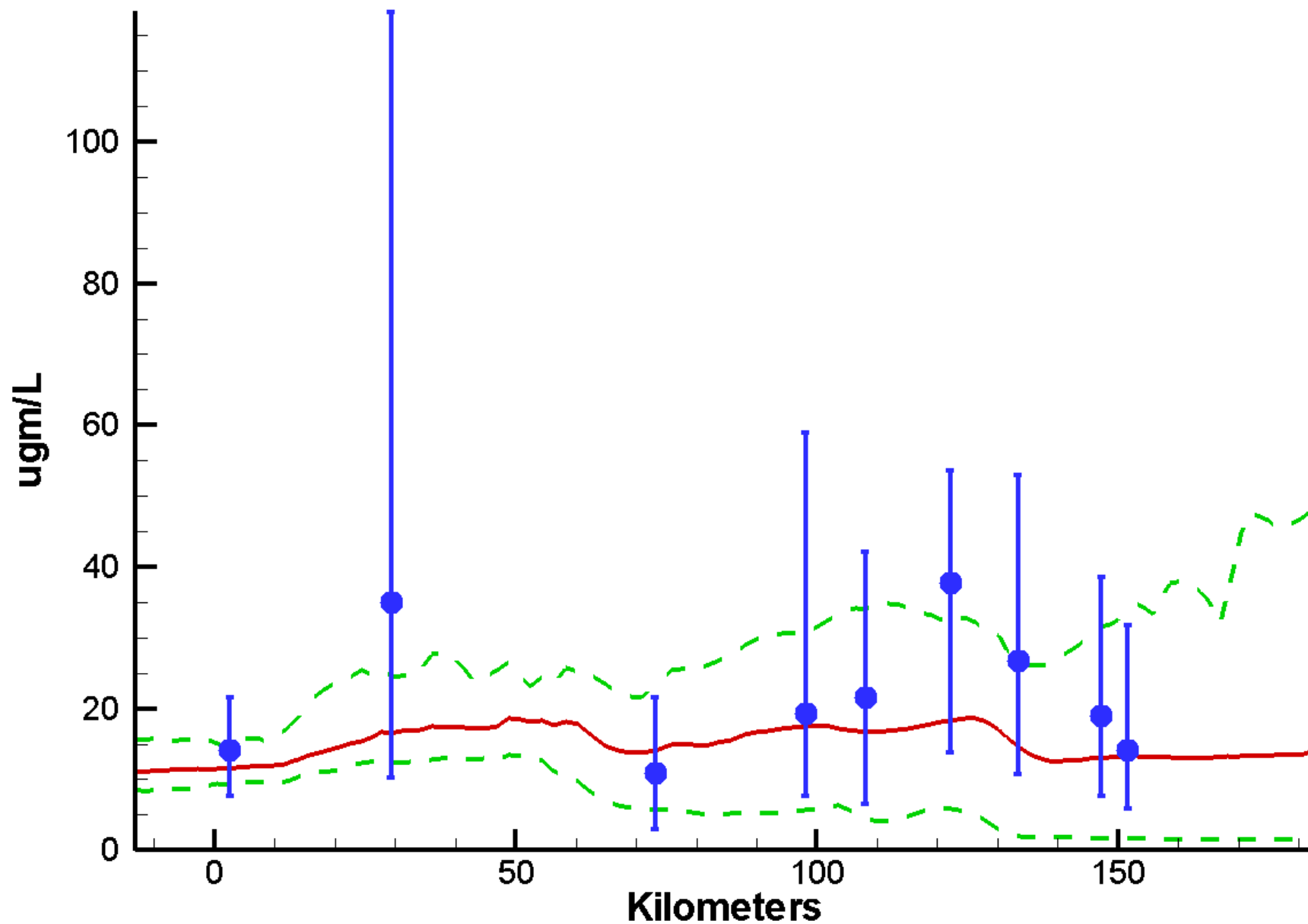
# Potomac River Ches2015 Run118

## Bottom Chlorophyll Summer 1996



# Potomac River Ches2015 Run118

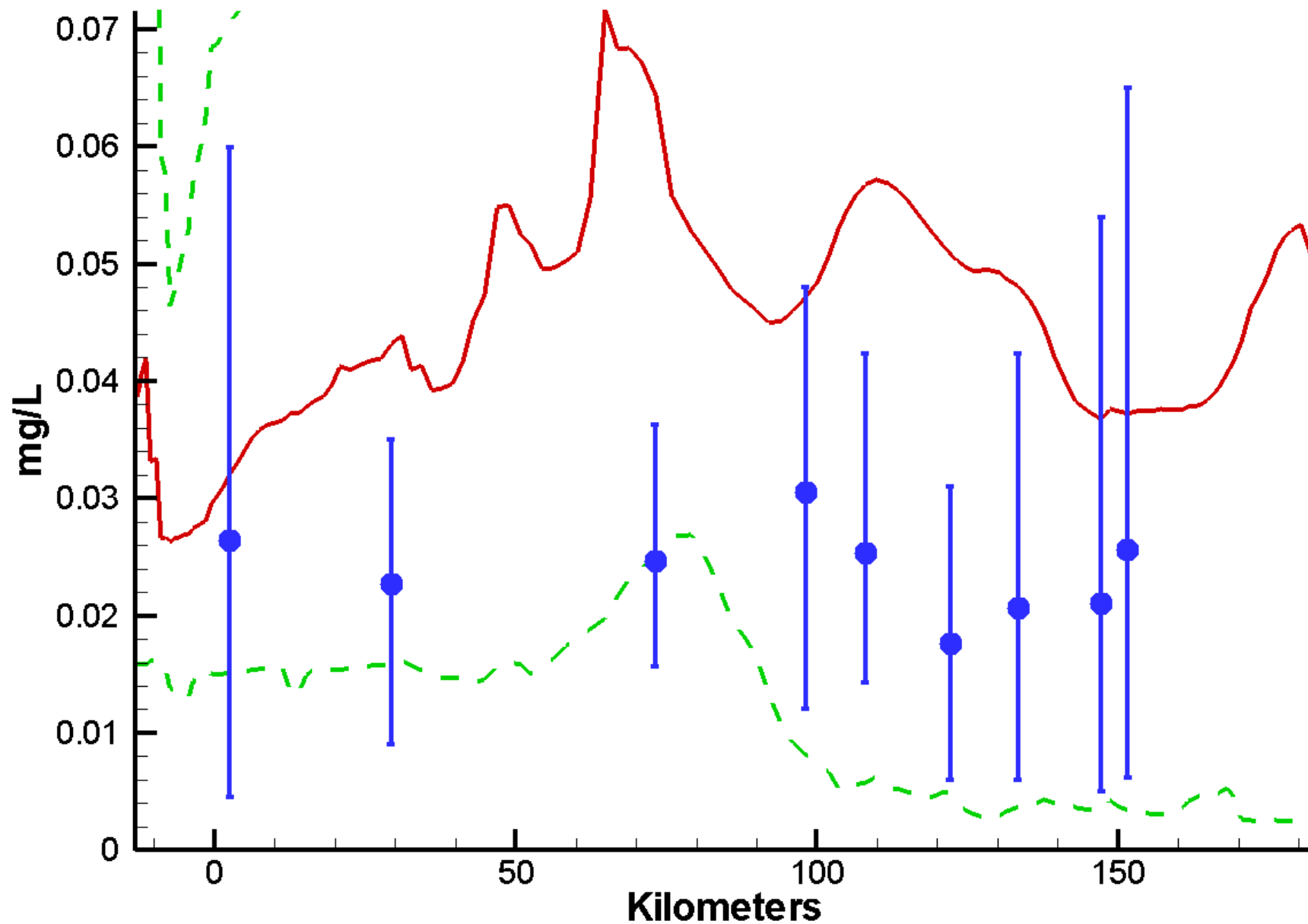
## Surface Chlorophyll Summer 1996





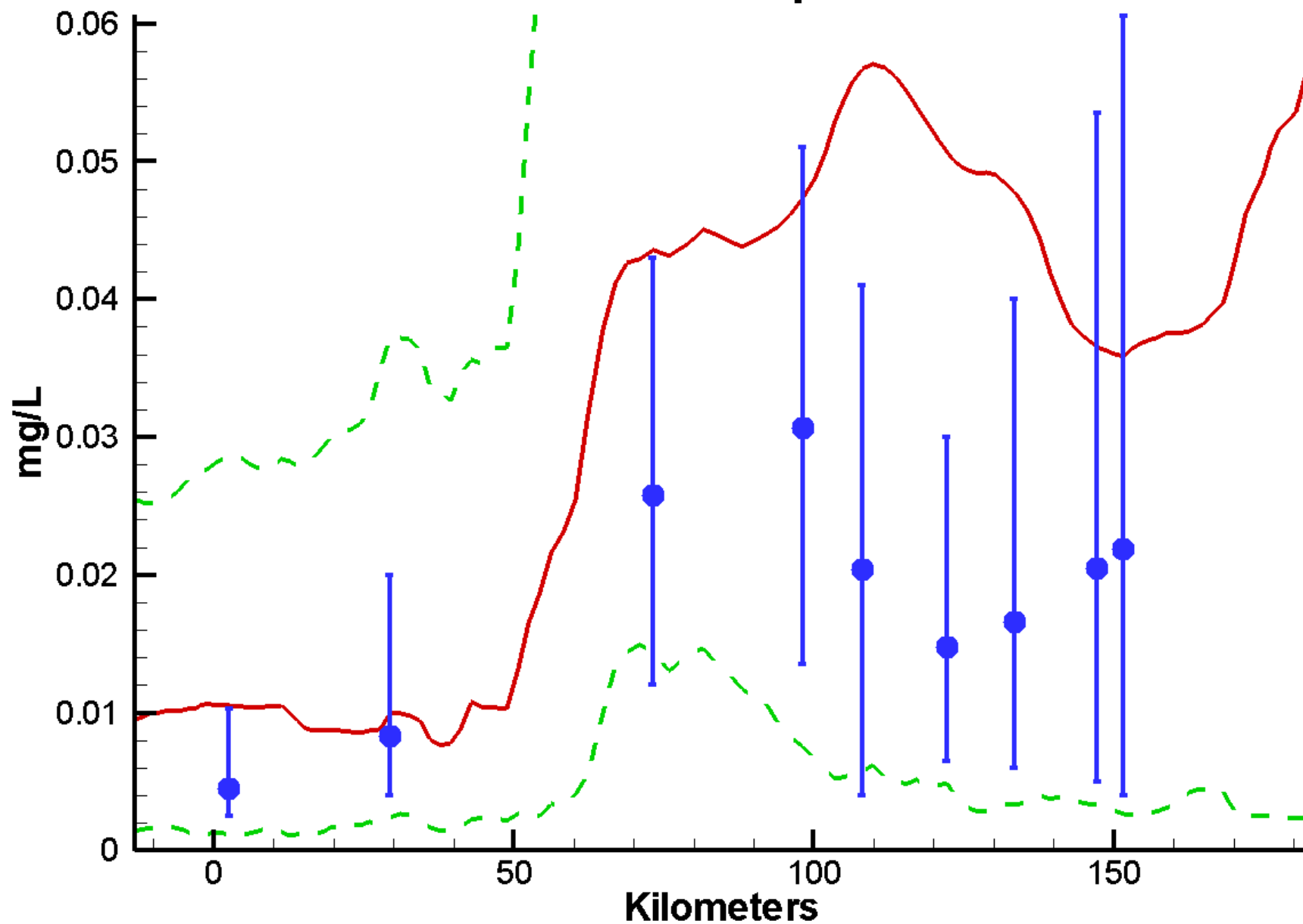
# Potomac River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1996



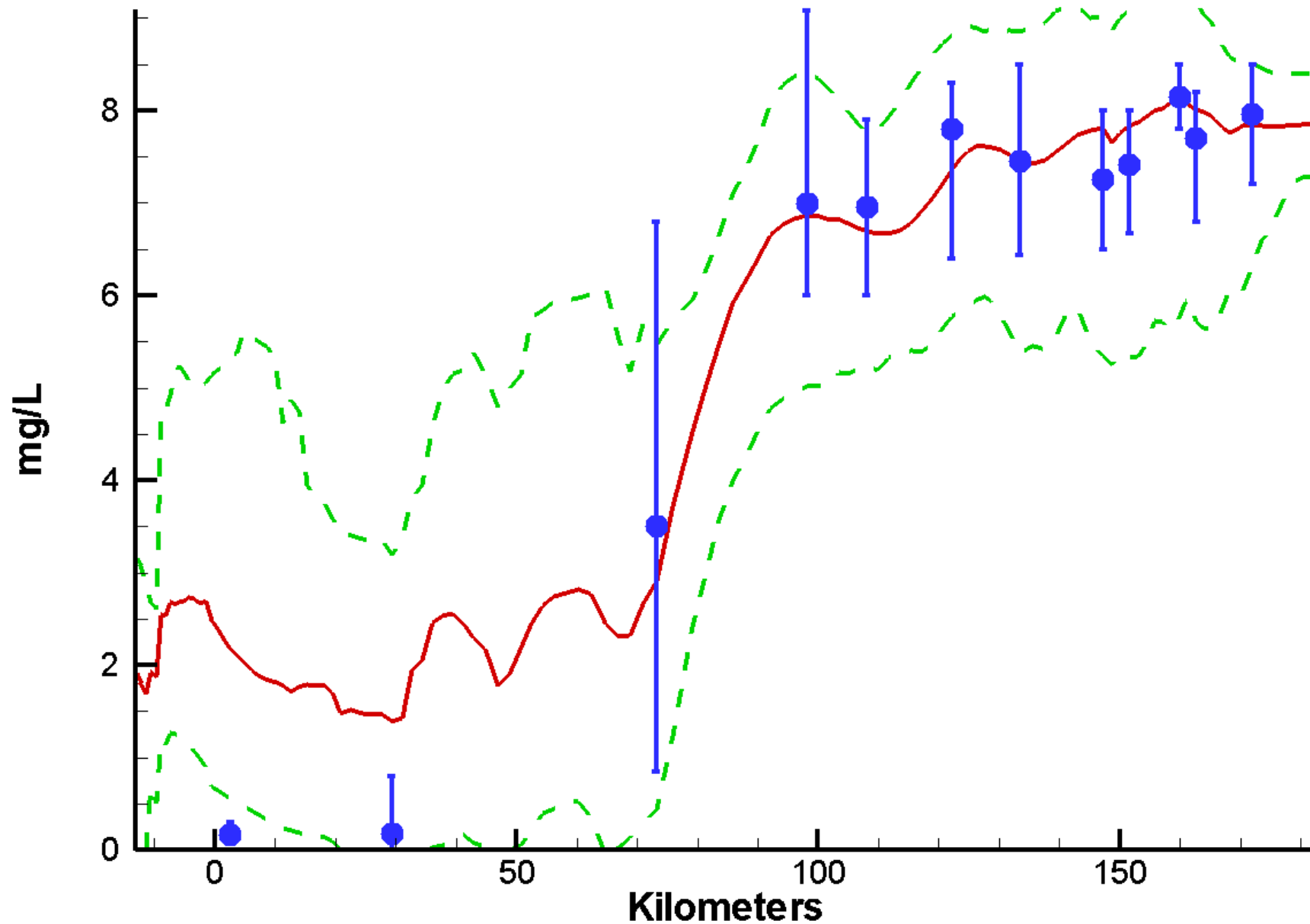
# Potomac River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1996



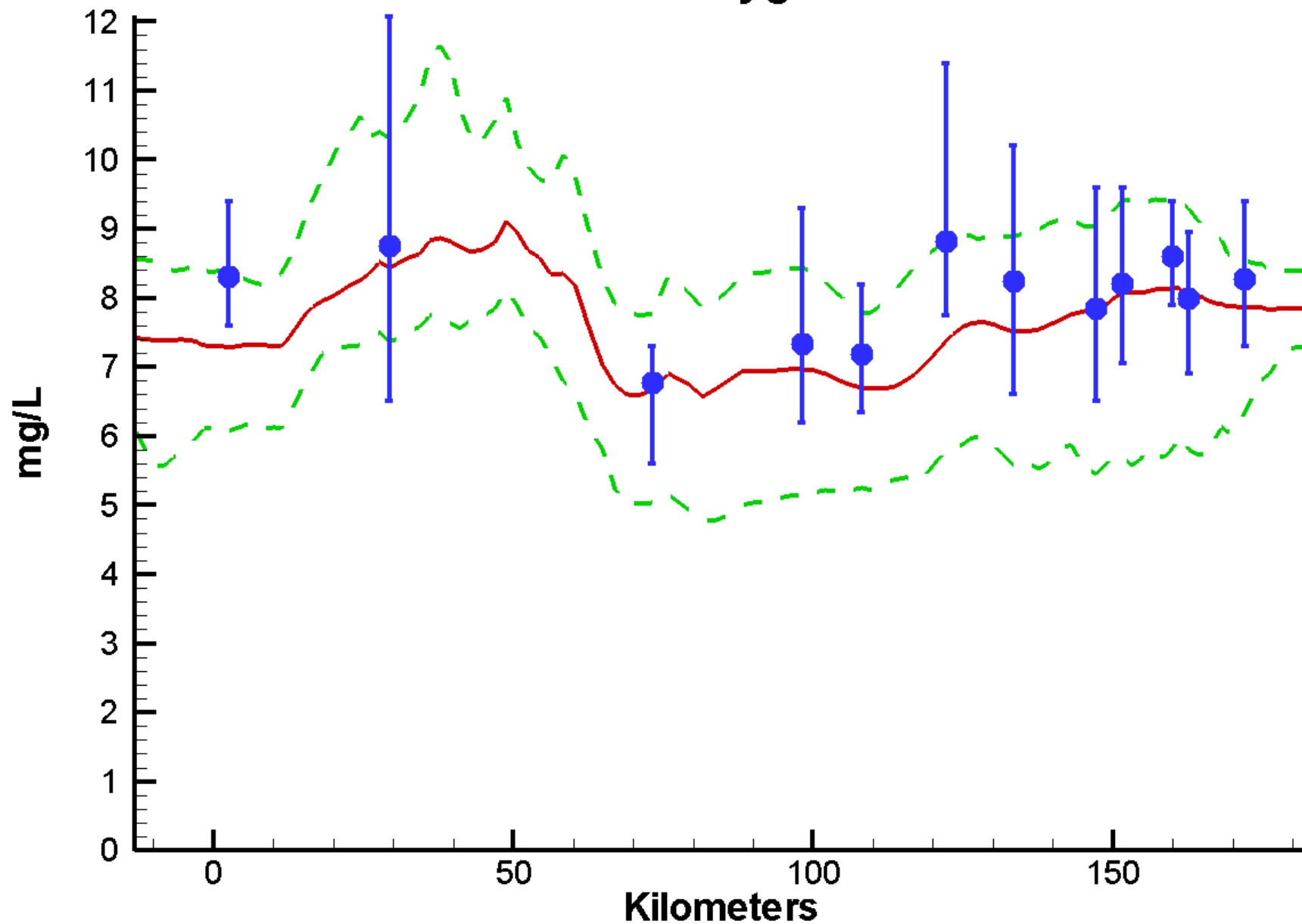
# Potomac River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1996



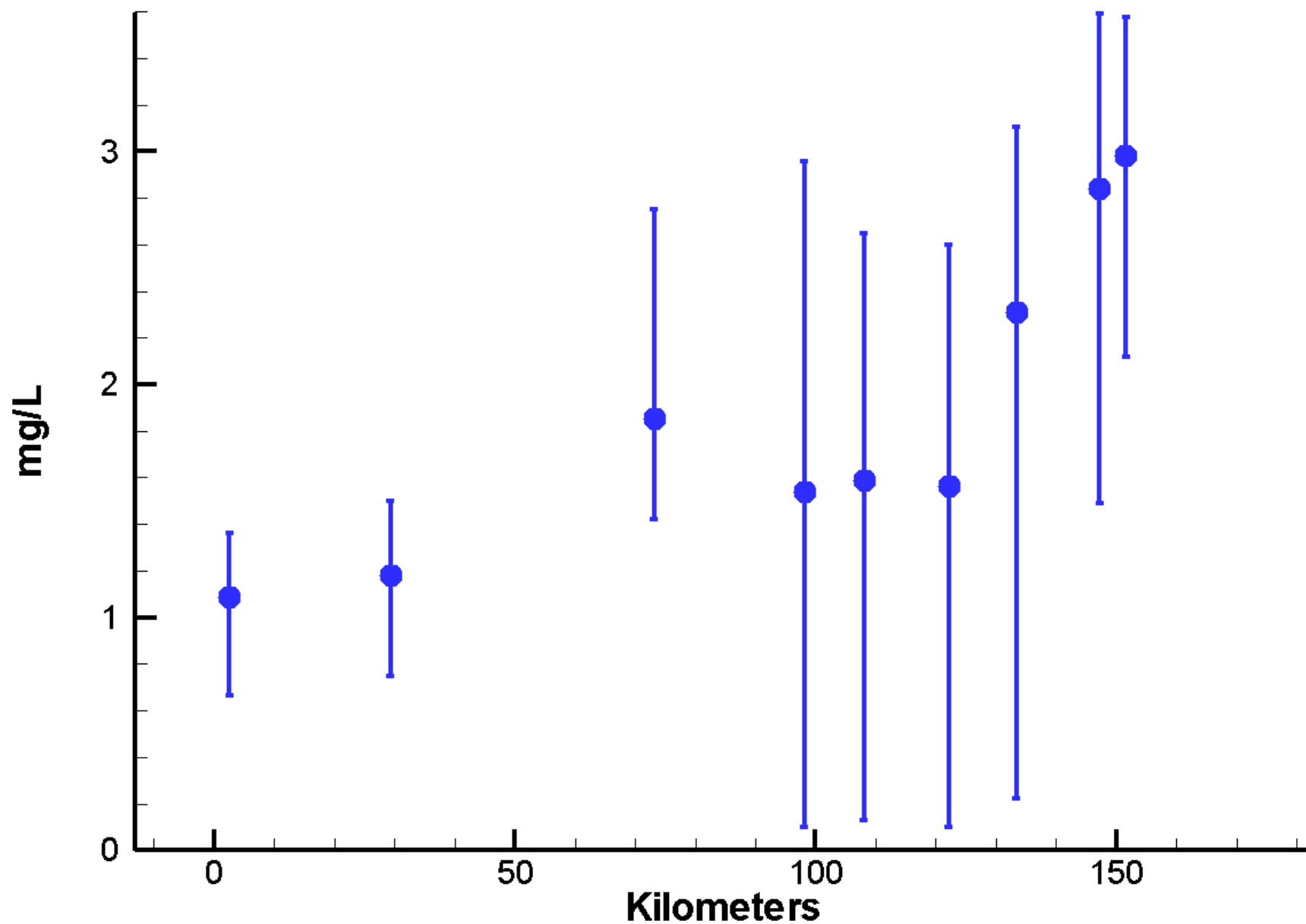
# Potomac River Ches2015 Run118

## Surface Dissolved Oxygen Summer 1996



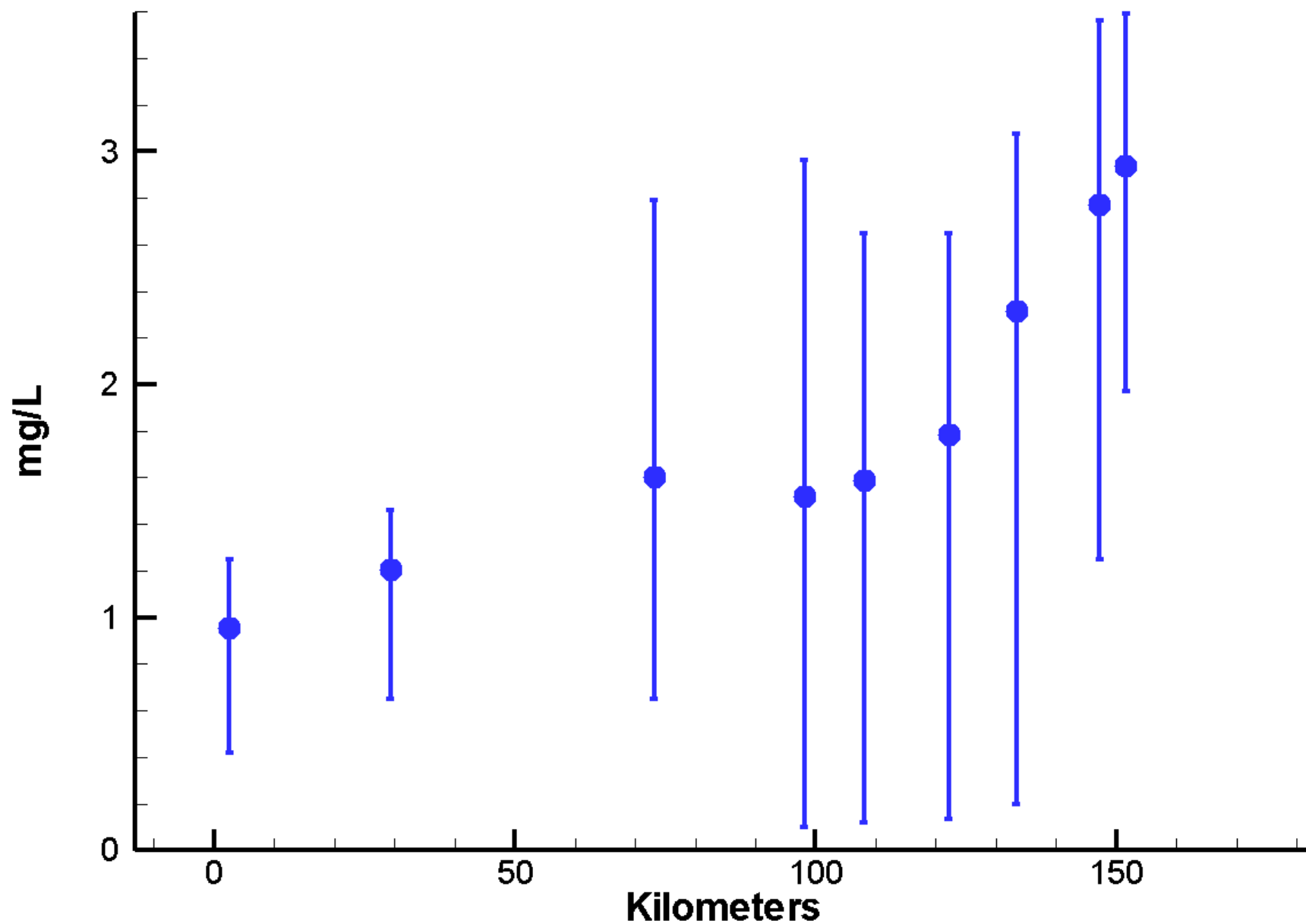
# Potomac River Ches2015 Run118

## Bottom Dissolved Silica Summer 1996



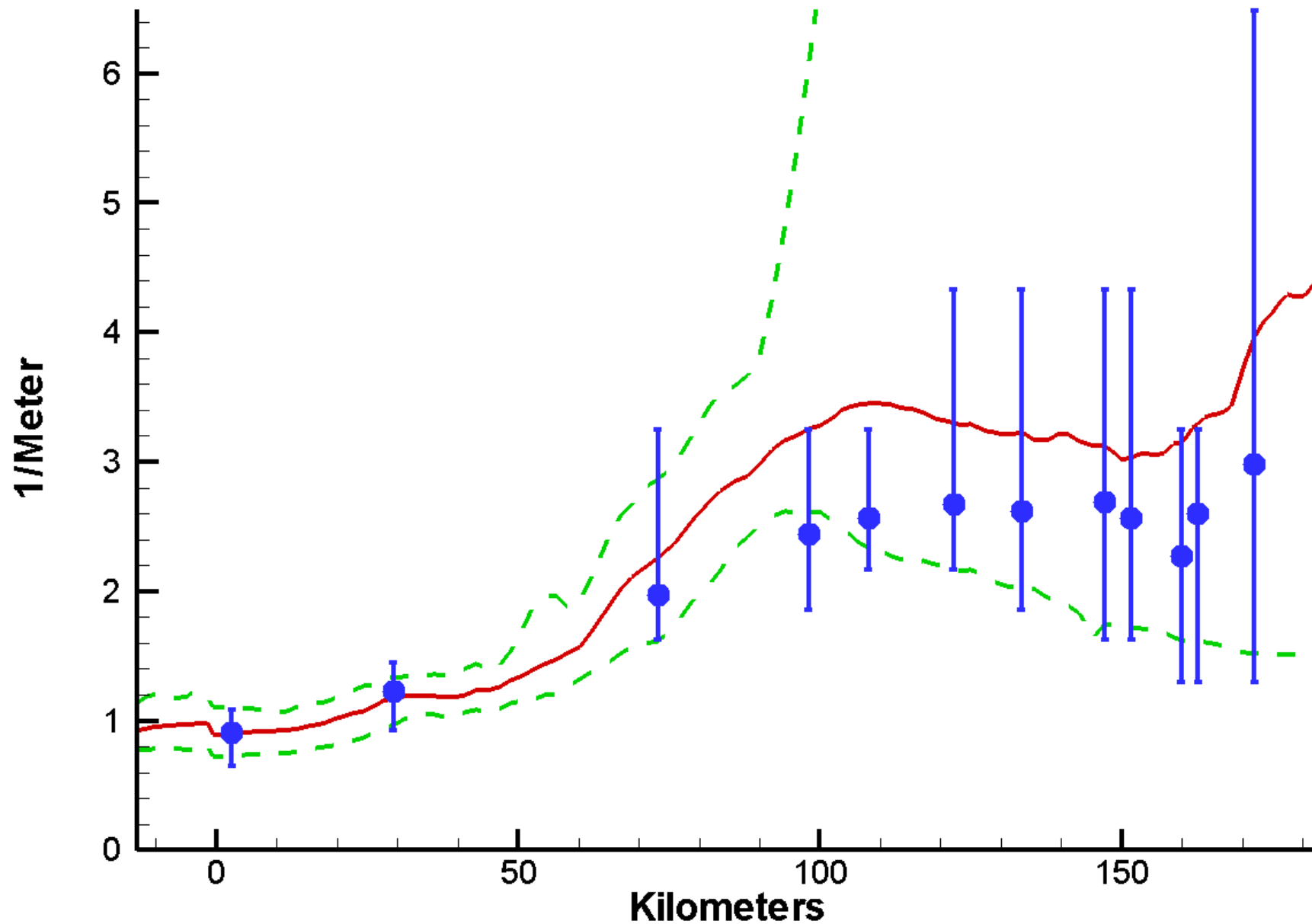
# Potomac River Ches2015 Run118

## Surface Dissolved Silica Summer 1996



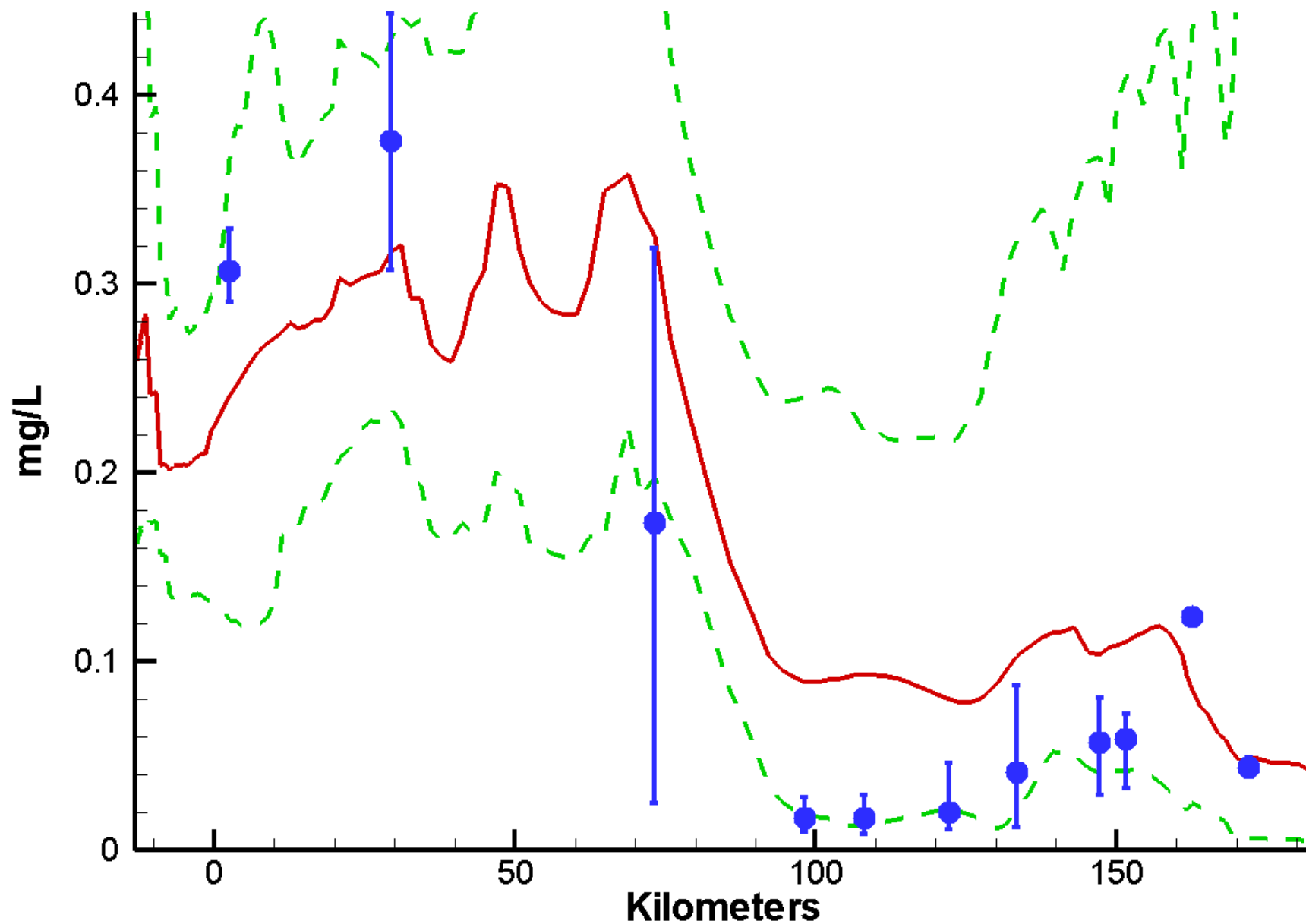
# Potomac River Ches2015 Run118

## Surface Light Extinction Summer 1996



# Potomac River Ches2015 Run118

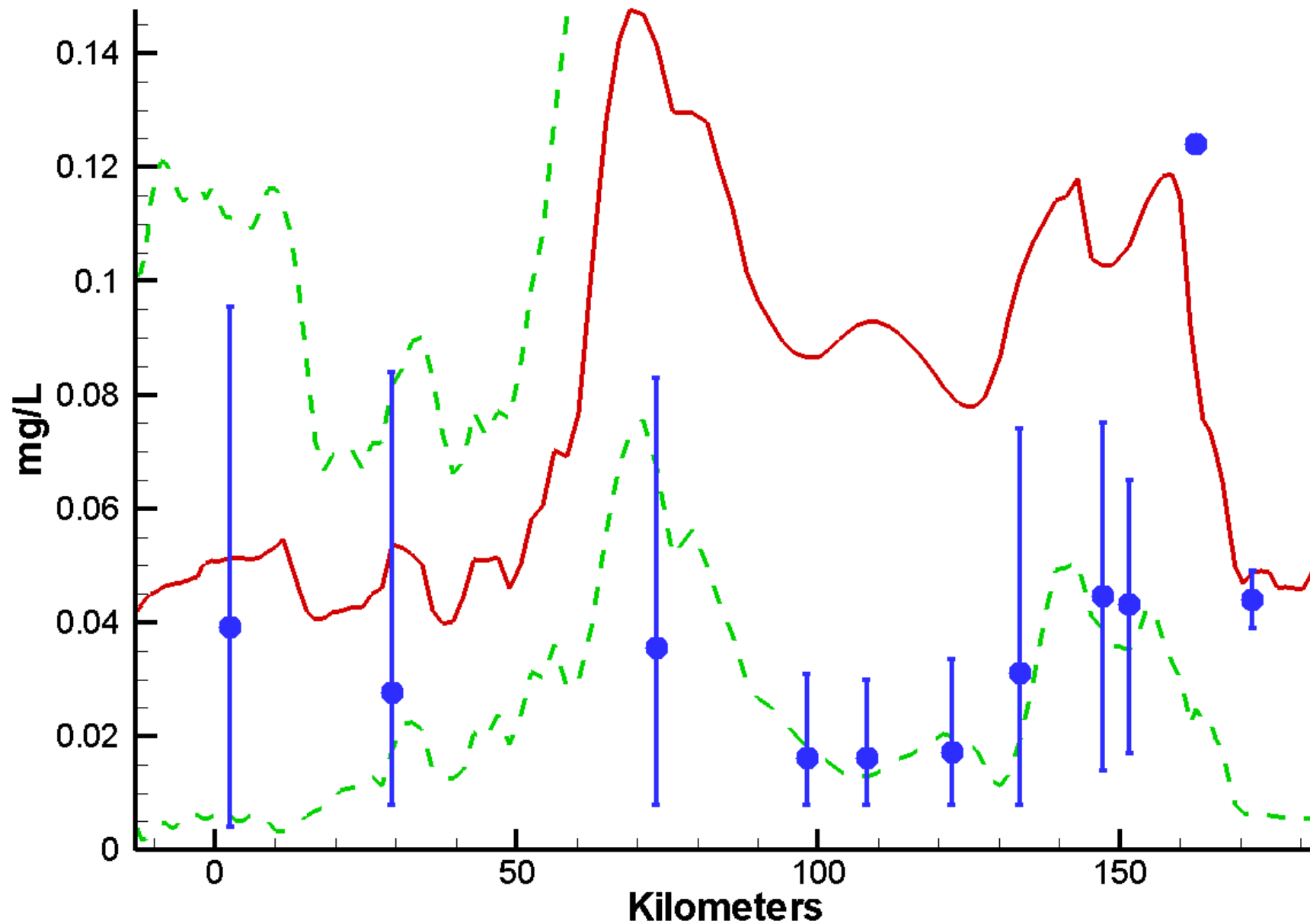
## Bottom Ammonium Summer 1996





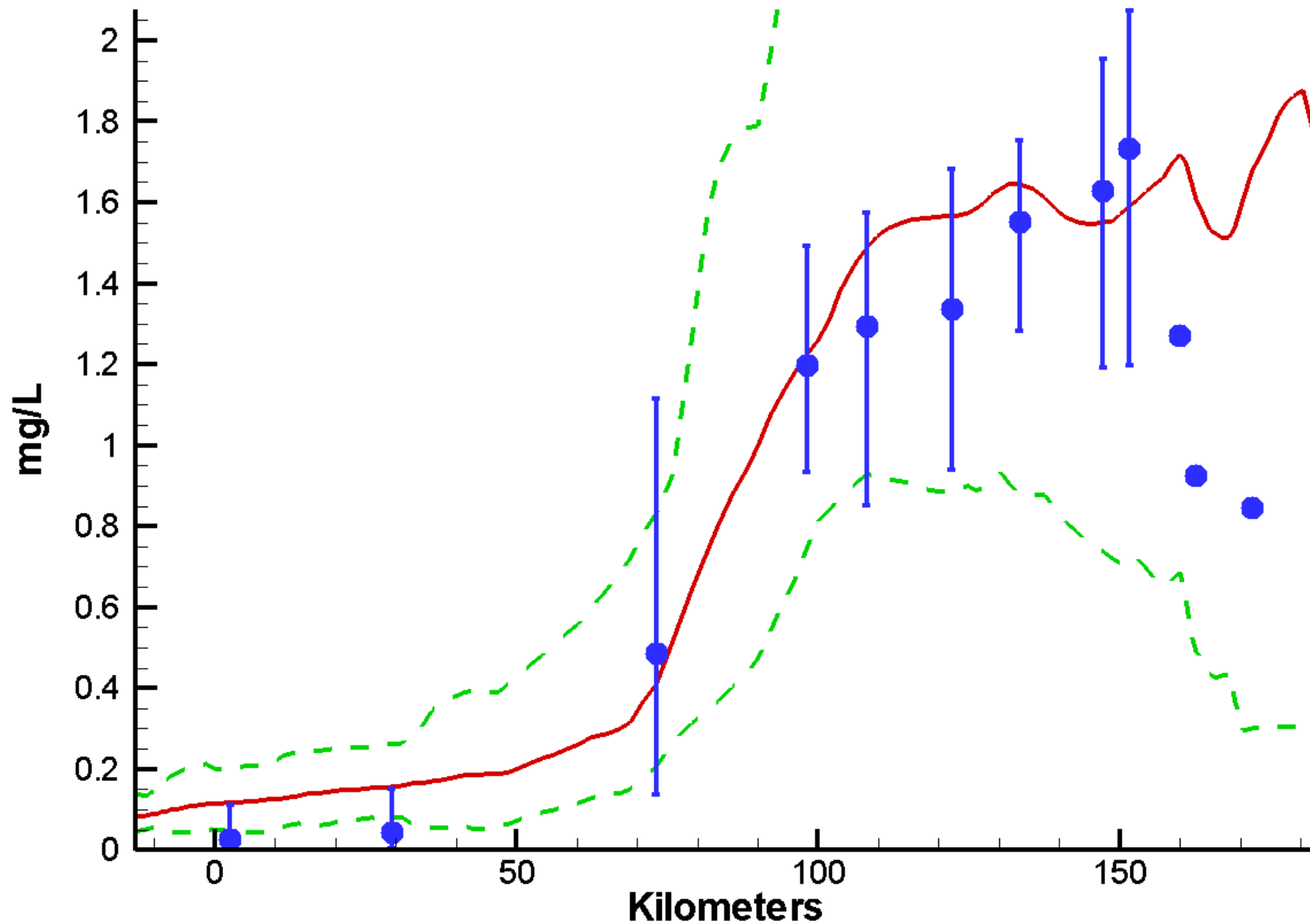
# Potomac River Ches2015 Run118

## Surface Ammonium Summer 1996



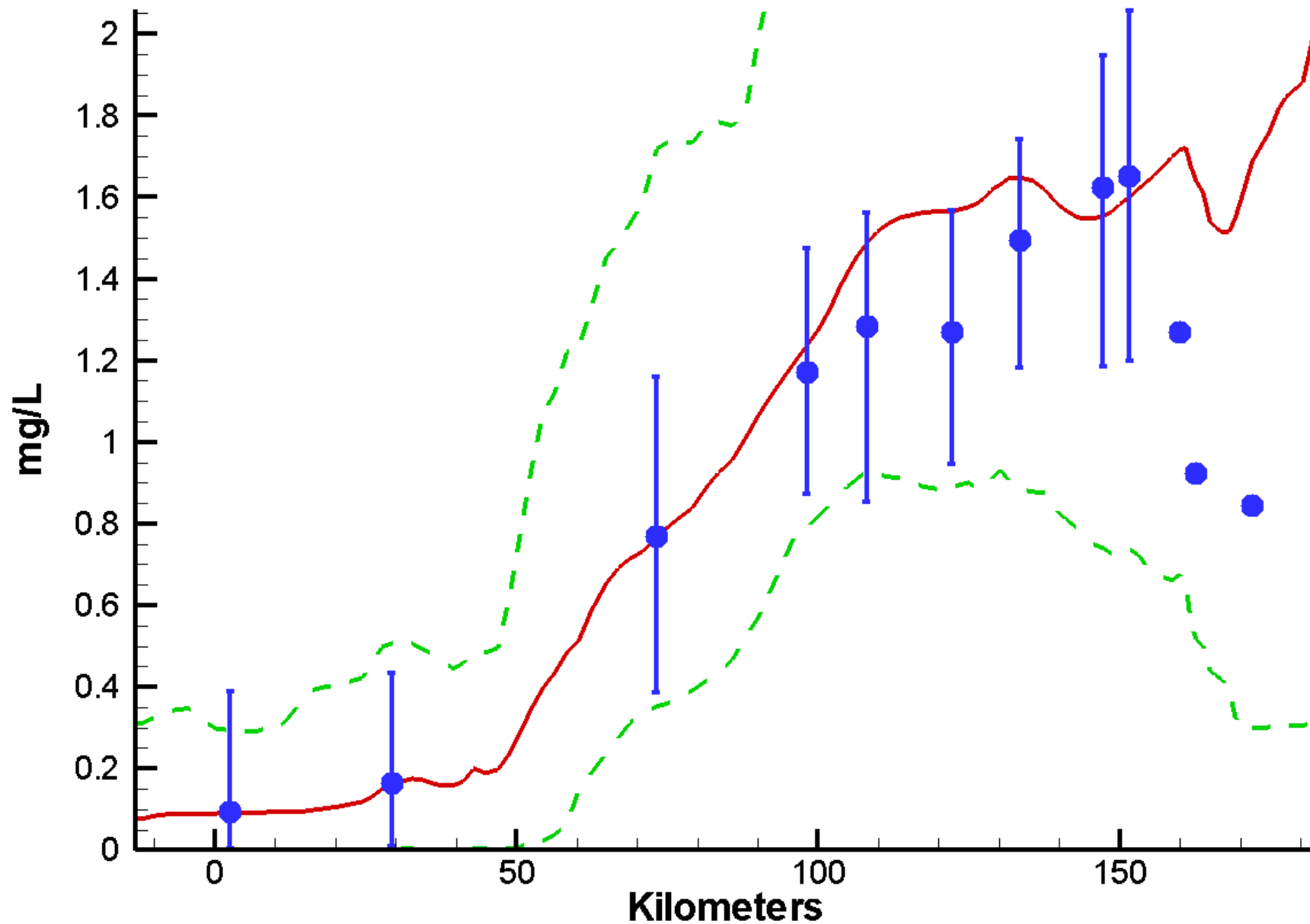
# Potomac River Ches2015 Run118

## Bottom Nitrate Summer 1996



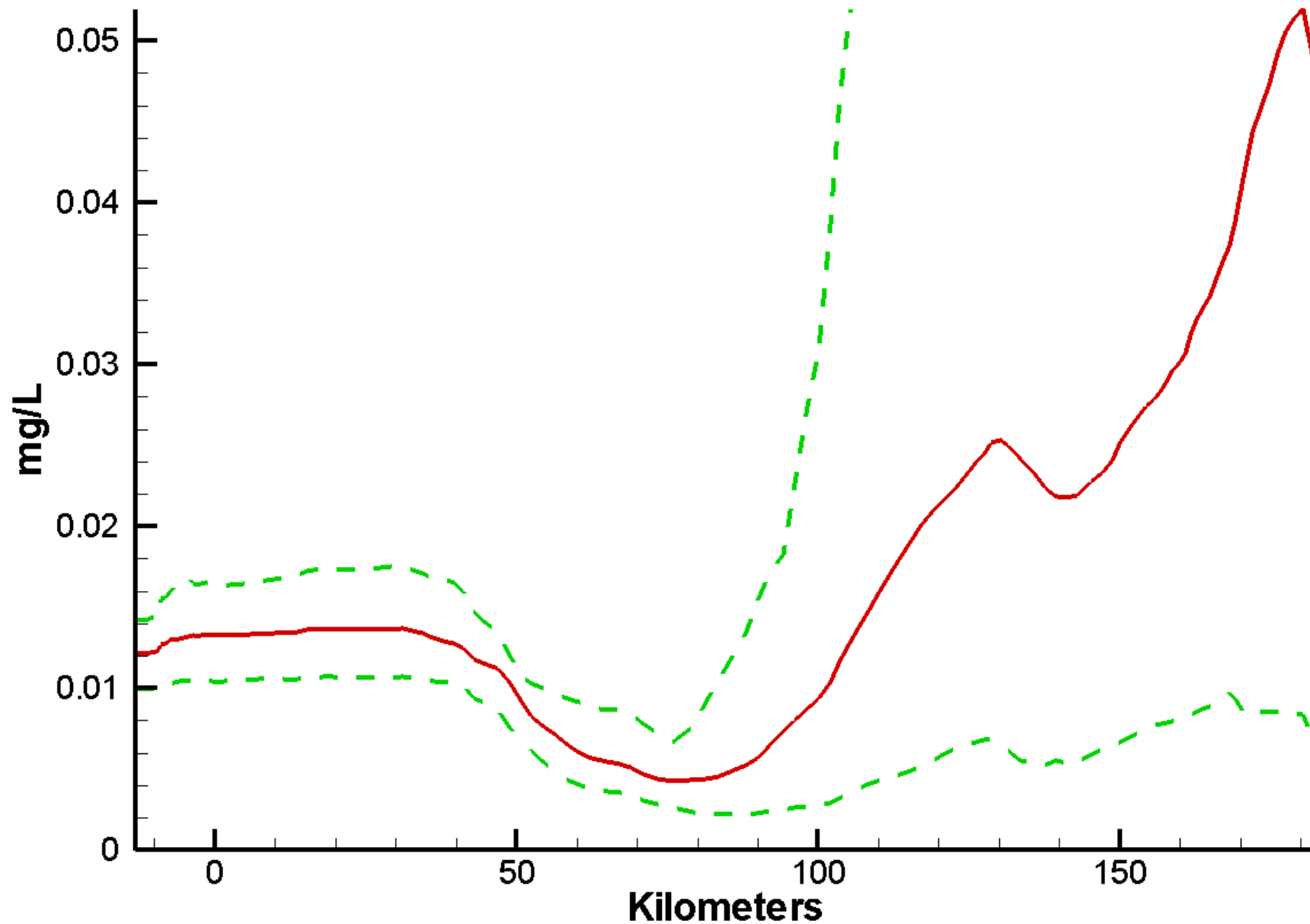
# Potomac River Ches2015 Run118

## Surface Nitrate Summer 1996



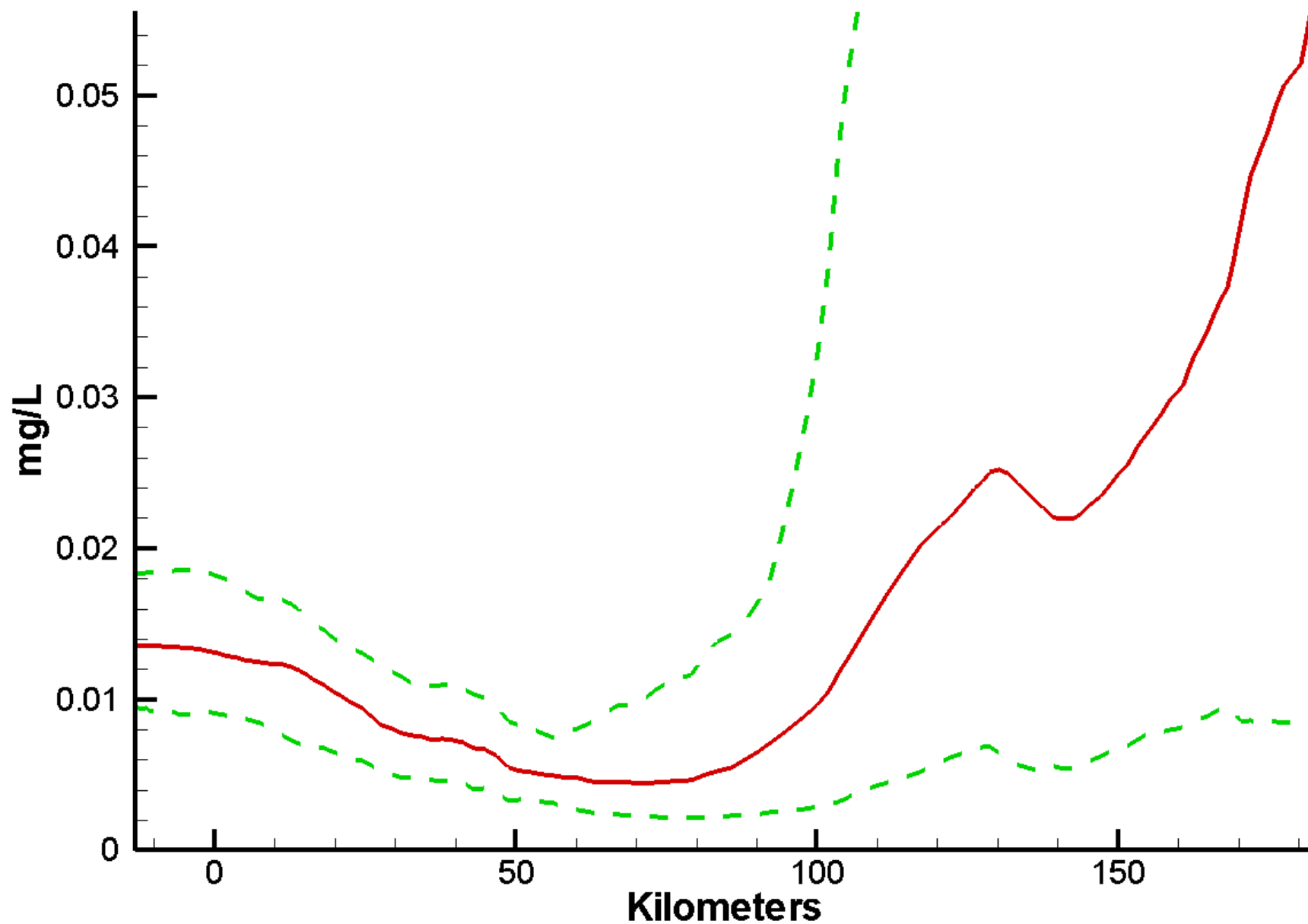
# Potomac River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Summer 1999



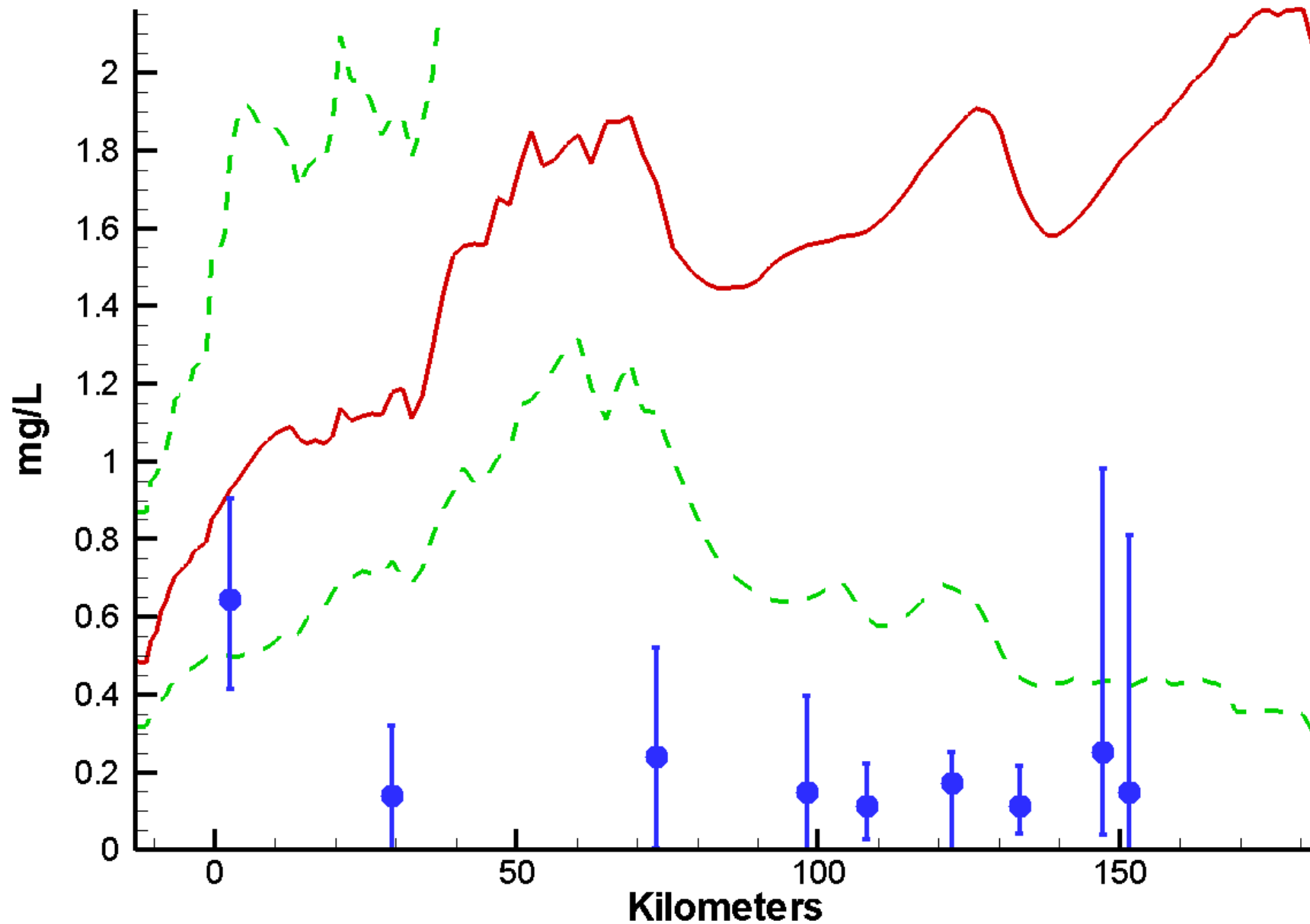
# Potomac River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



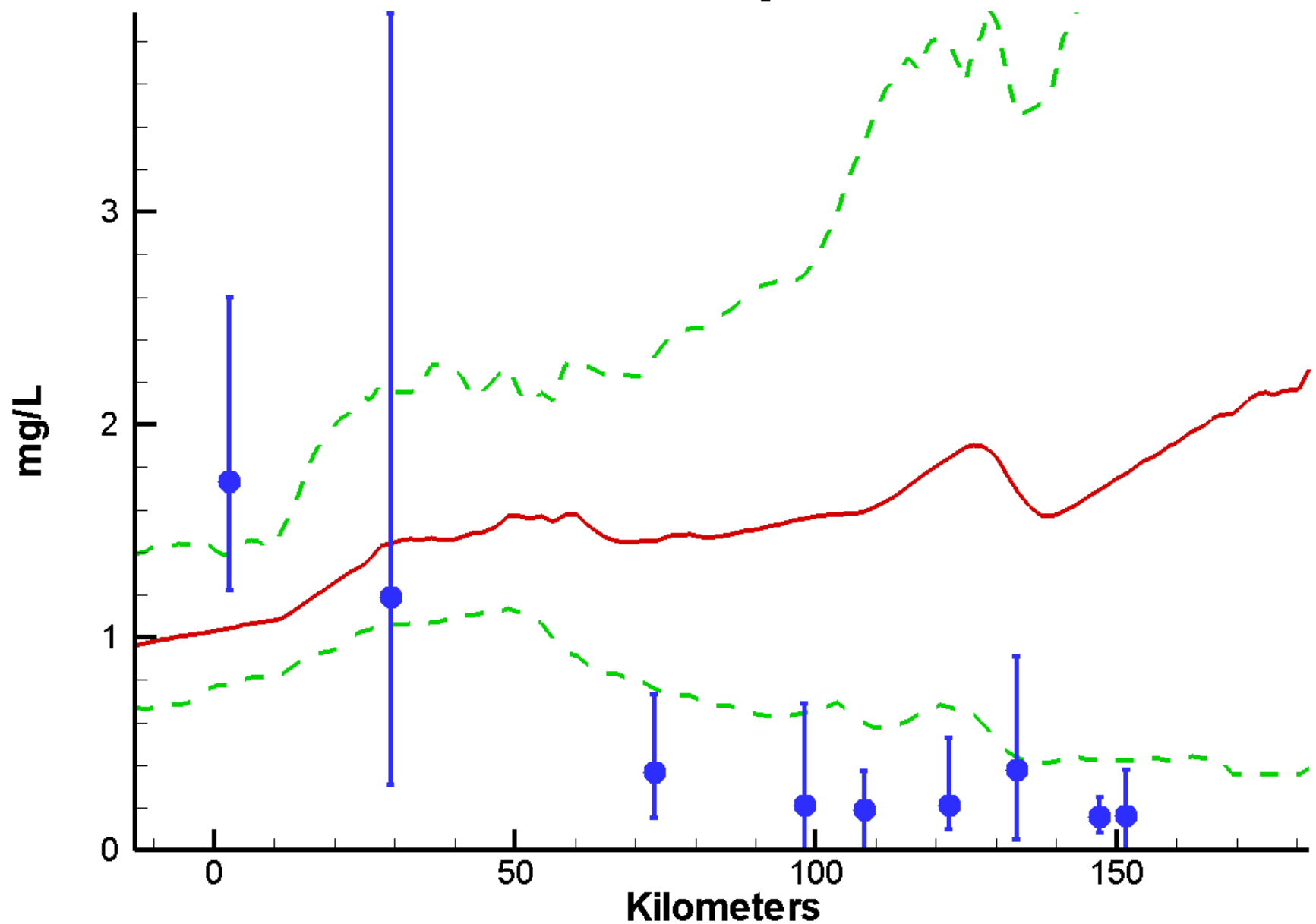
# Potomac River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1996



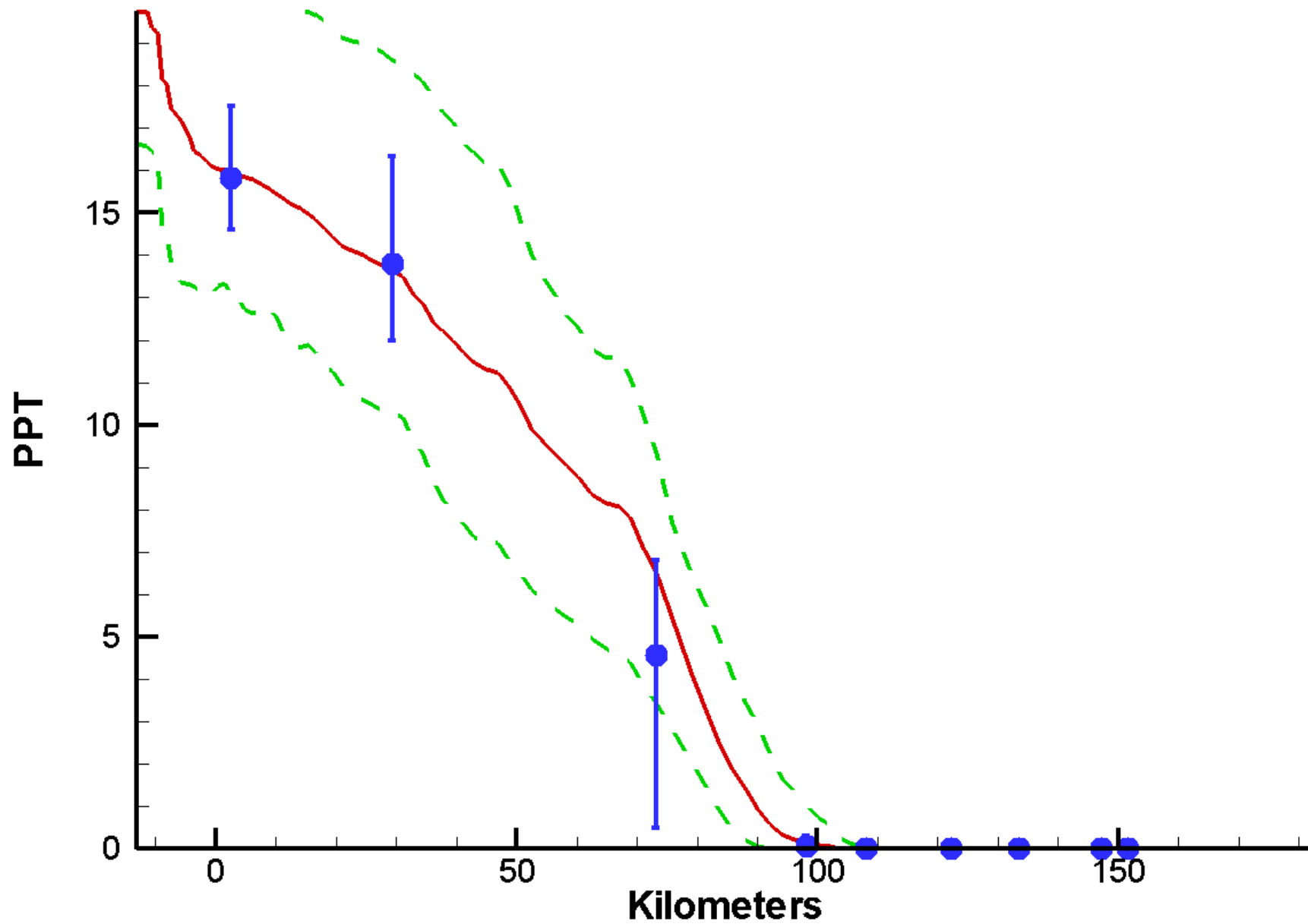
# Potomac River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1996



# Potomac River Ches2015 Run118

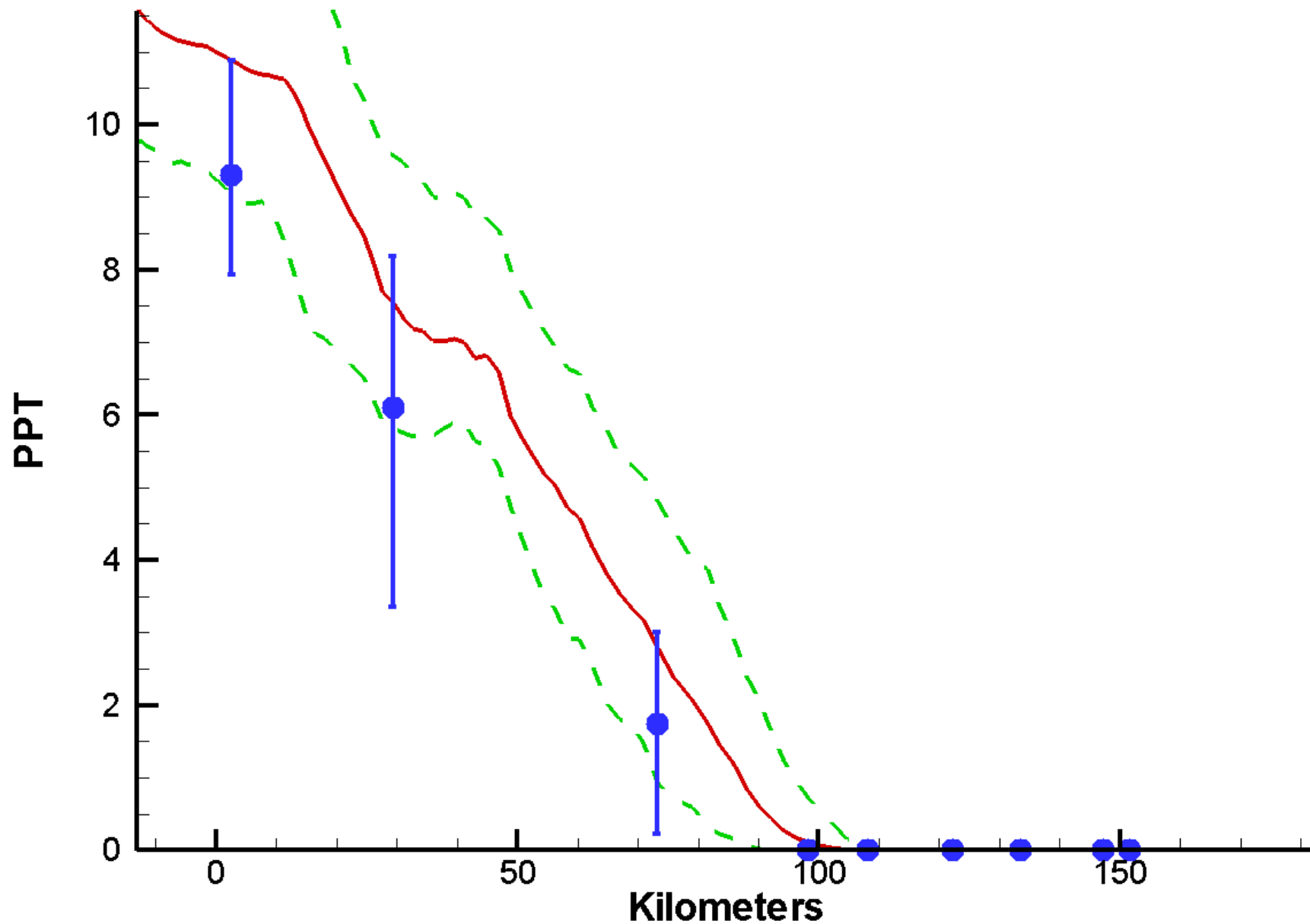
## Bottom Salinity Summer 1996





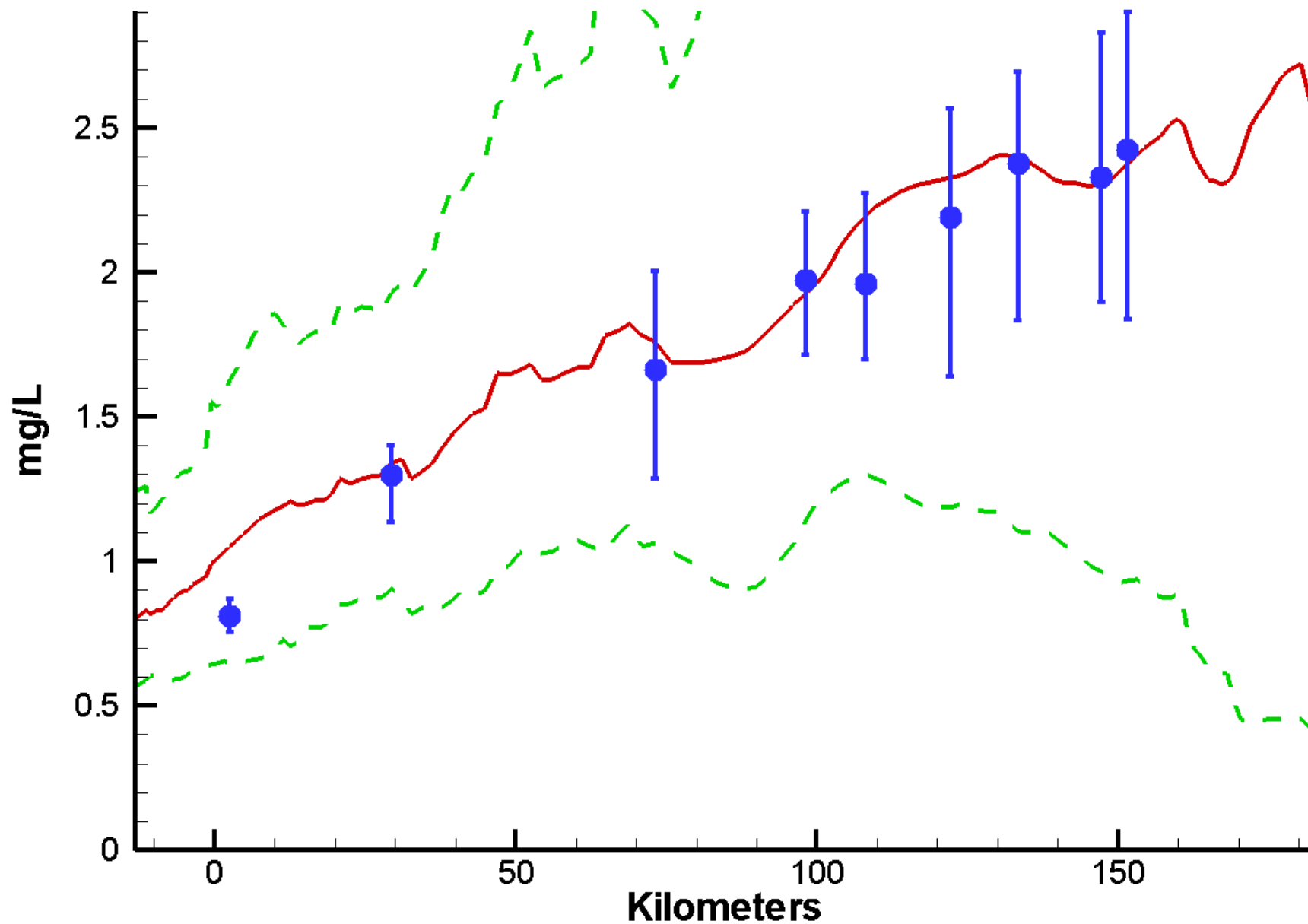
# Potomac River Ches2015 Run118

## Surface Salinity Summer 1996



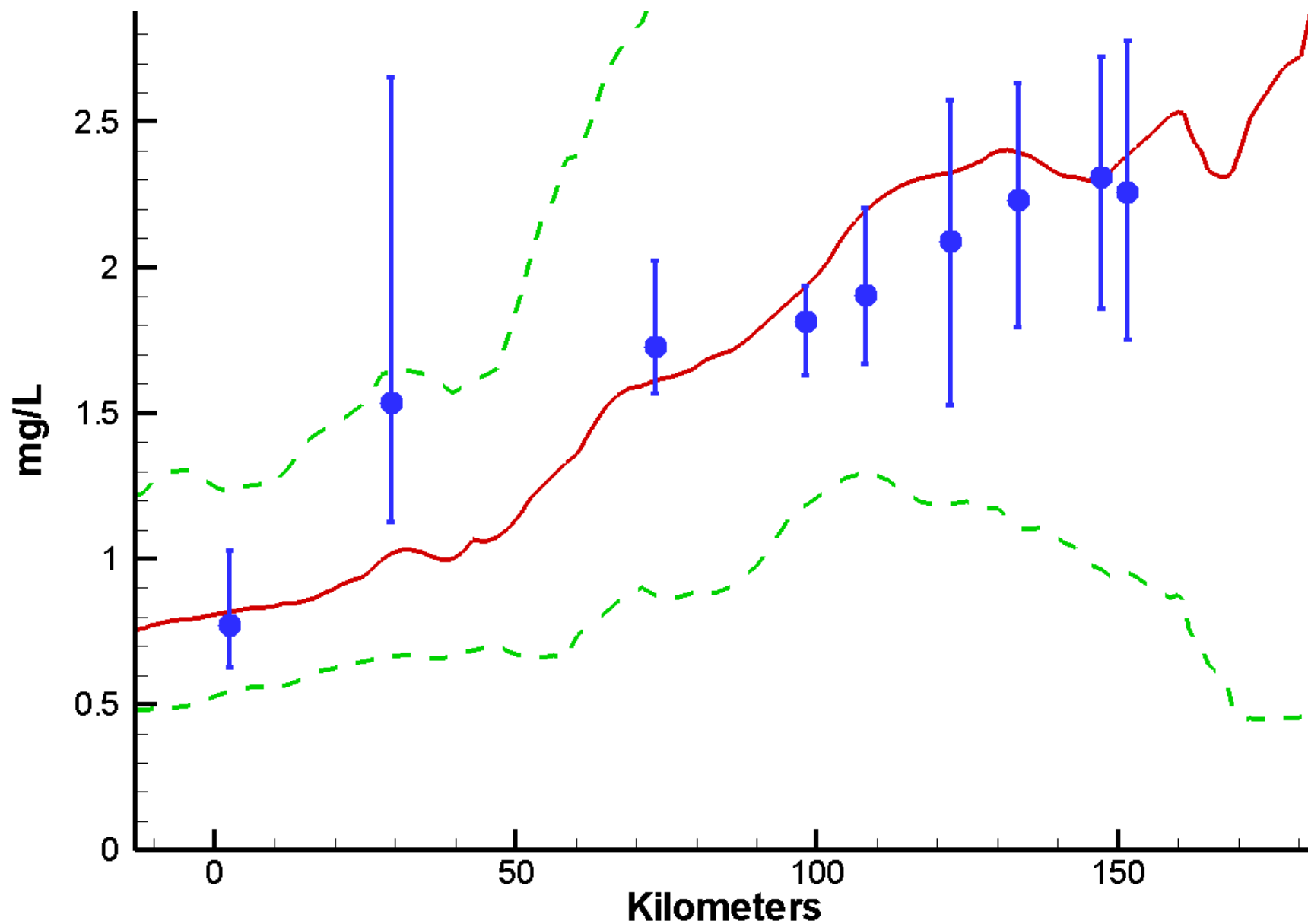
# Potomac River Ches2015 Run118

## Bottom Total Nitrogen Summer 1996



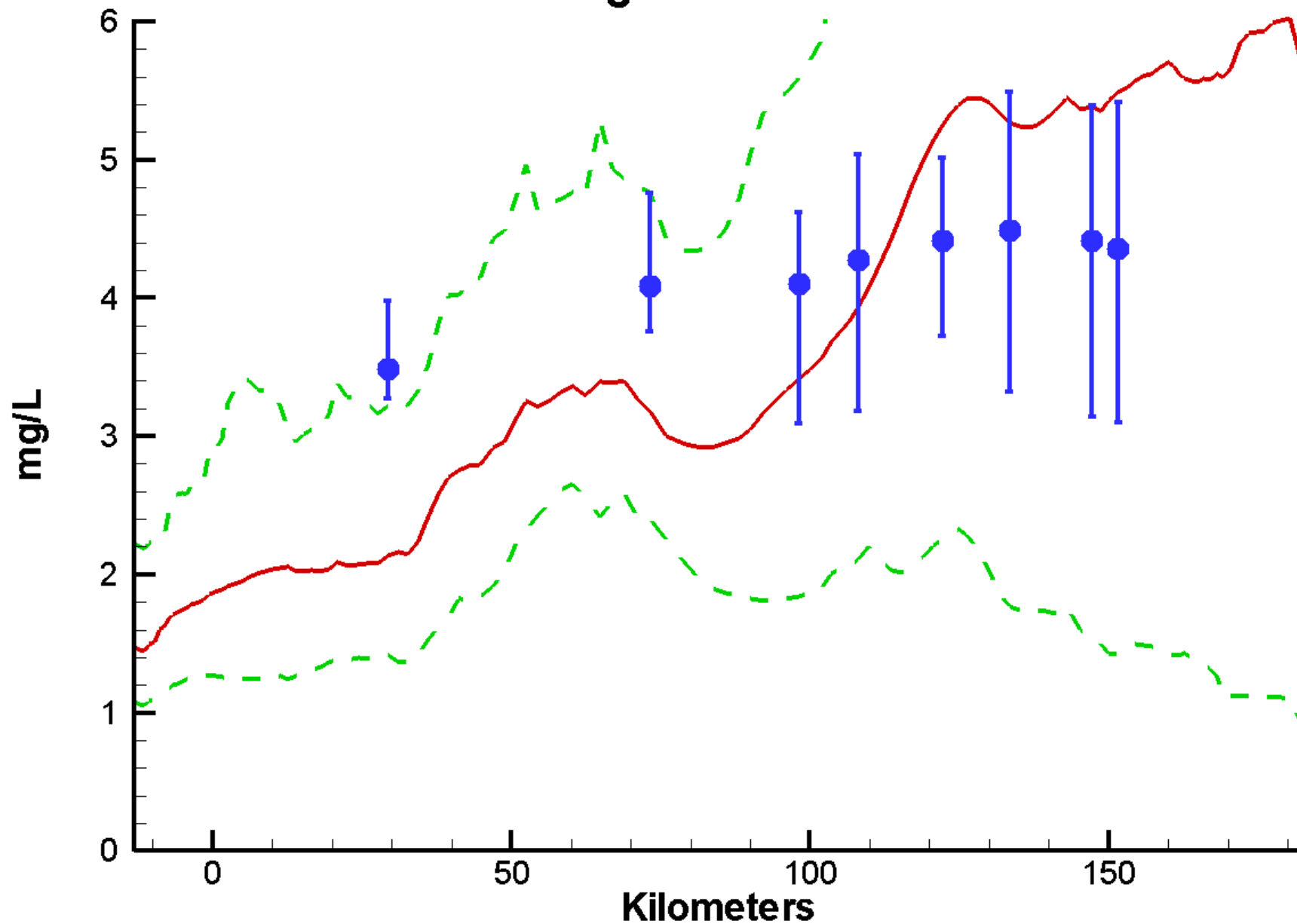
# Potomac River Ches2015 Run118

## Surface Total Nitrogen Summer 1996



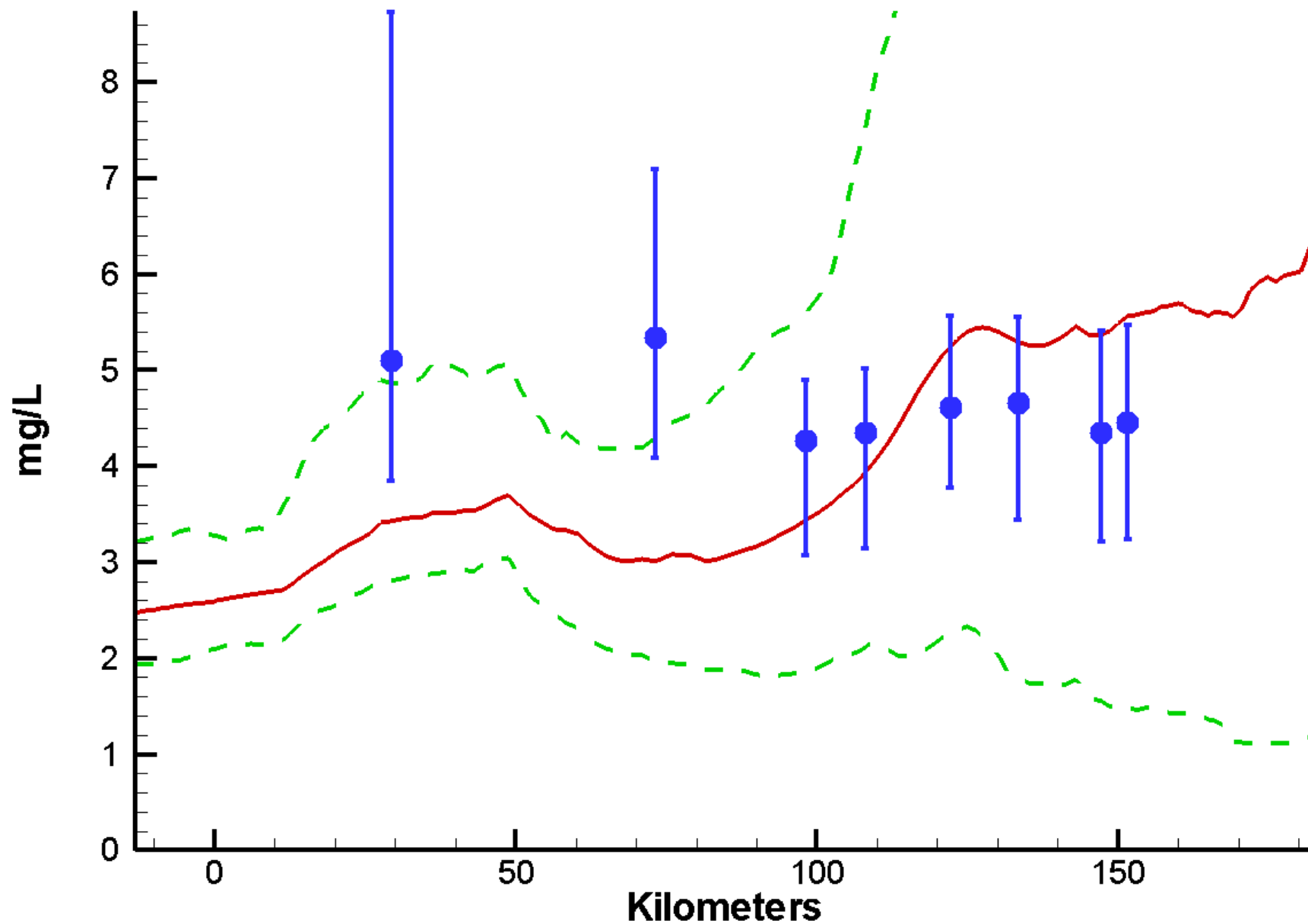
# Potomac River Ches2015 Run118

## Bottom Total Organic Carbon Summer 1996



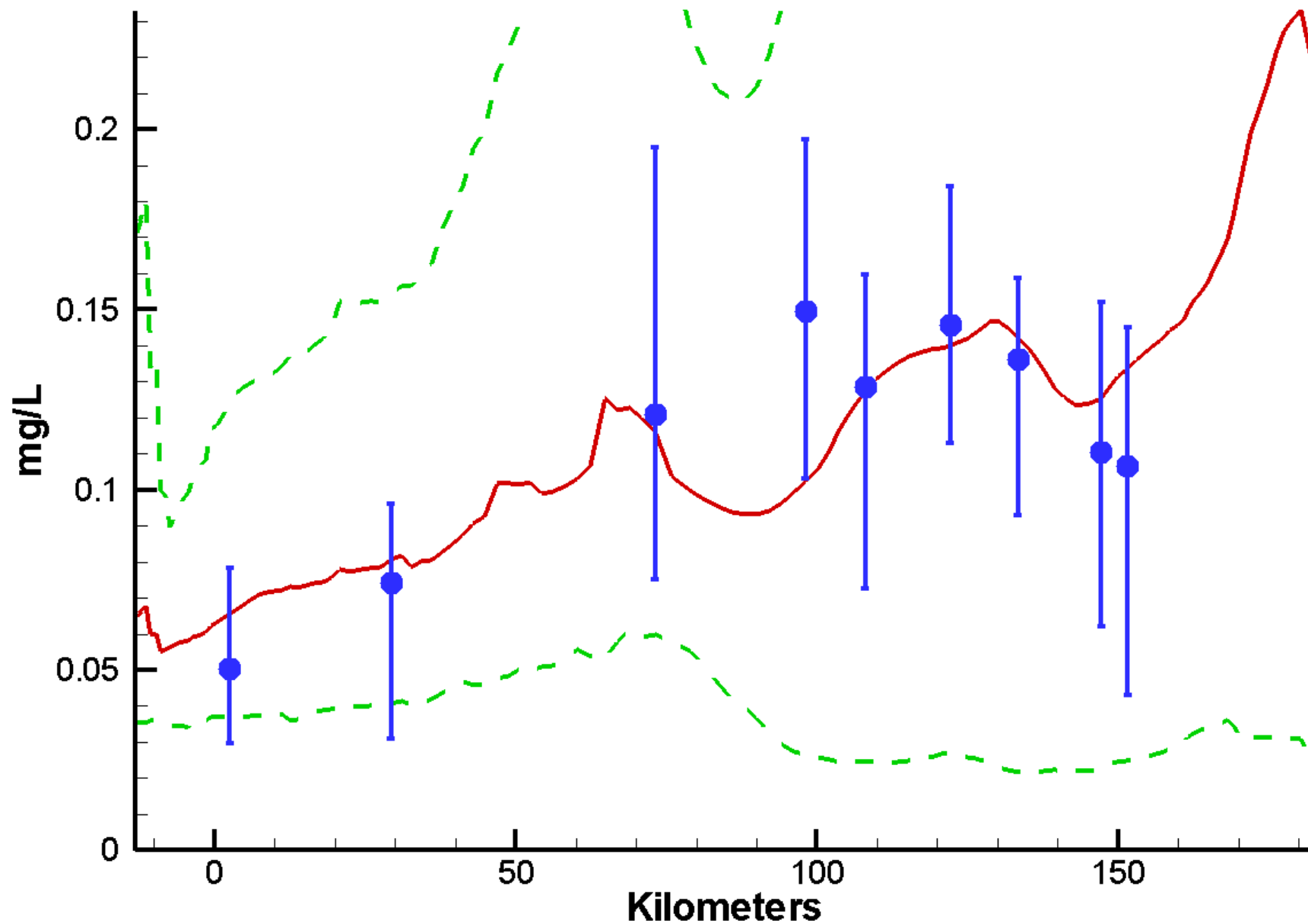
# Potomac River Ches2015 Run118

## Surface Total Organic Carbon Summer 1996



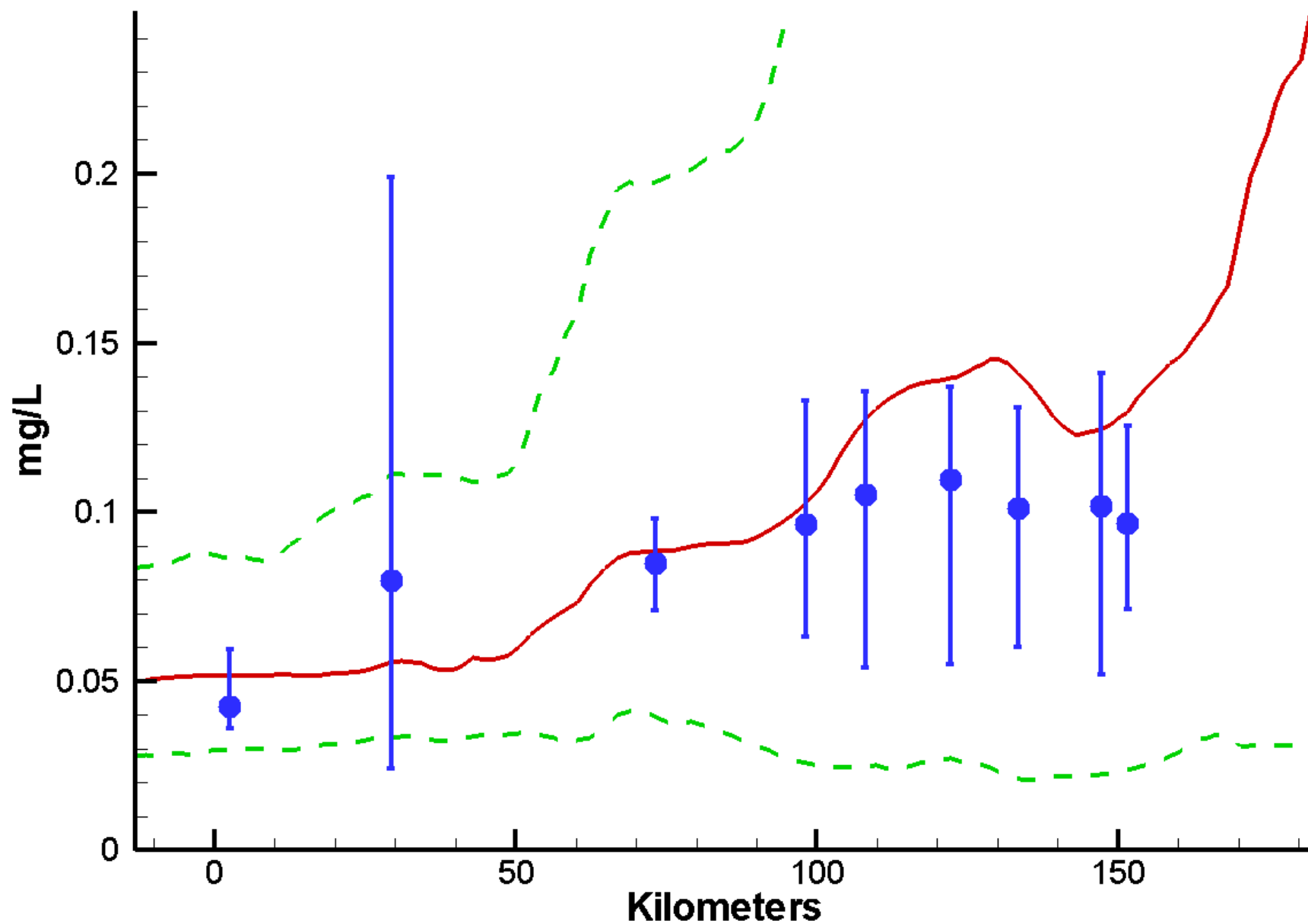
# Potomac River Ches2015 Run118

## Bottom Total Phosphorus Summer 1996



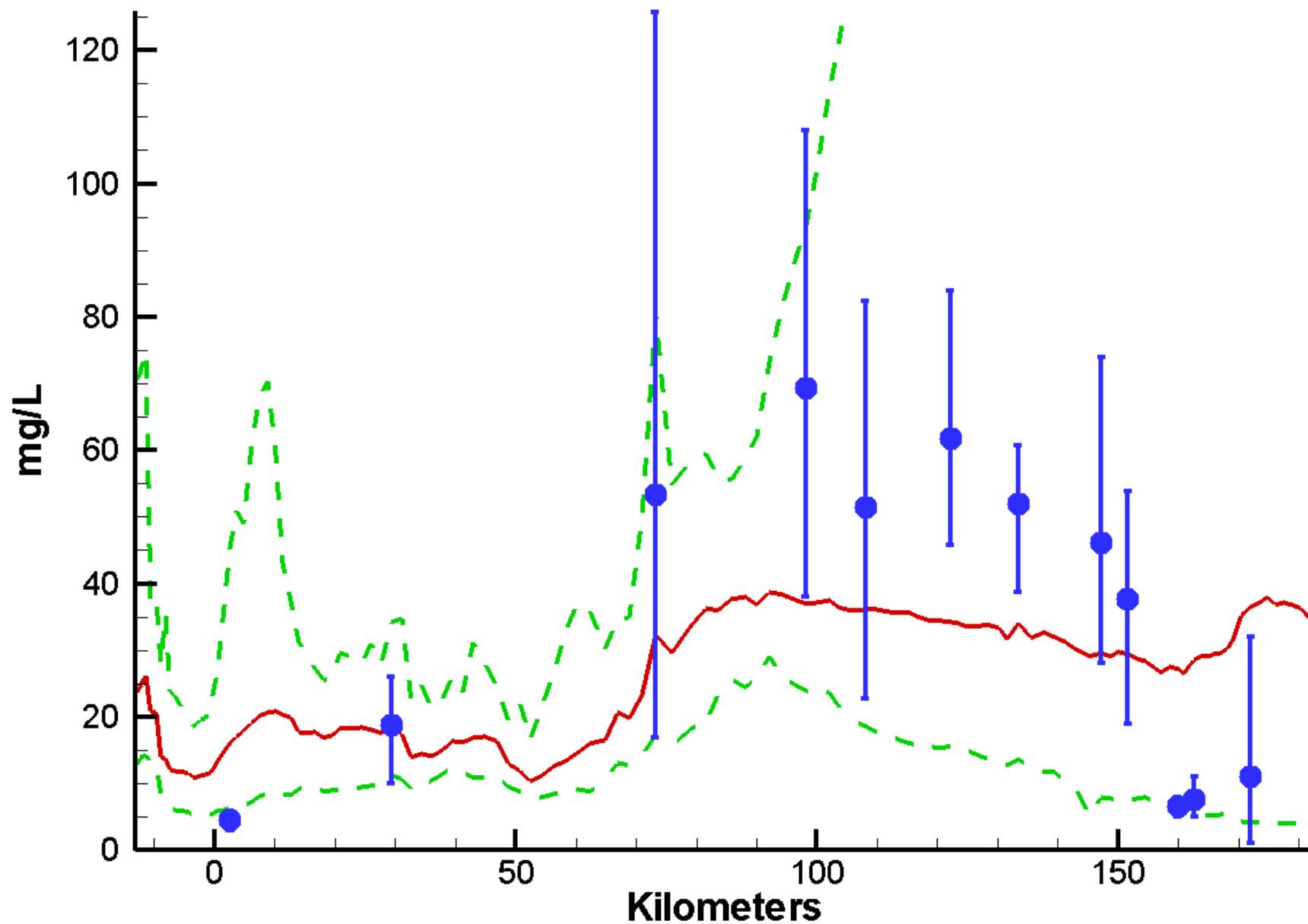
# Potomac River Ches2015 Run118

## Surface Total Phosphorus Summer 1996



# Potomac River Ches2015 Run118

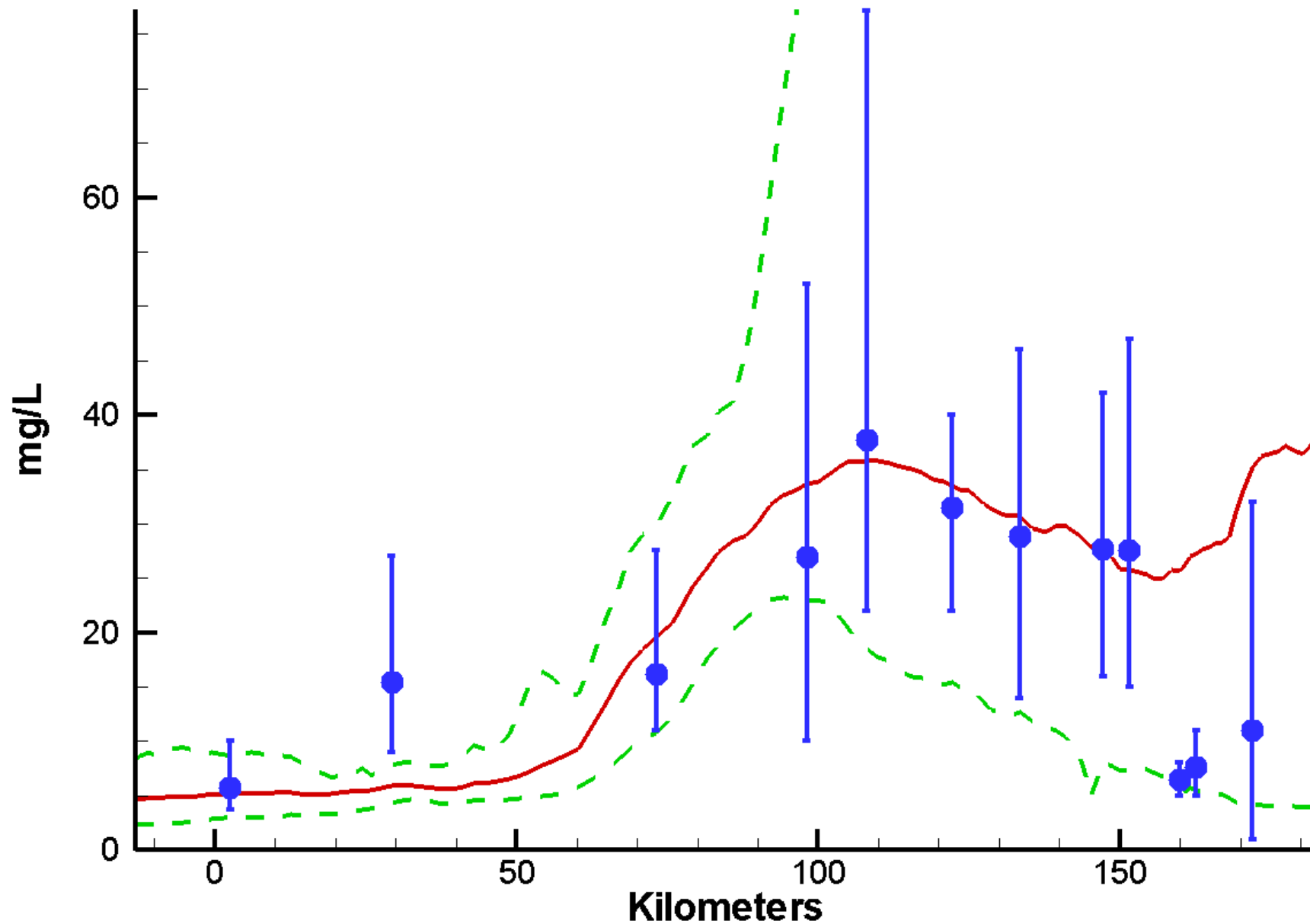
## Bottom Total Suspended Solids Summer 1996





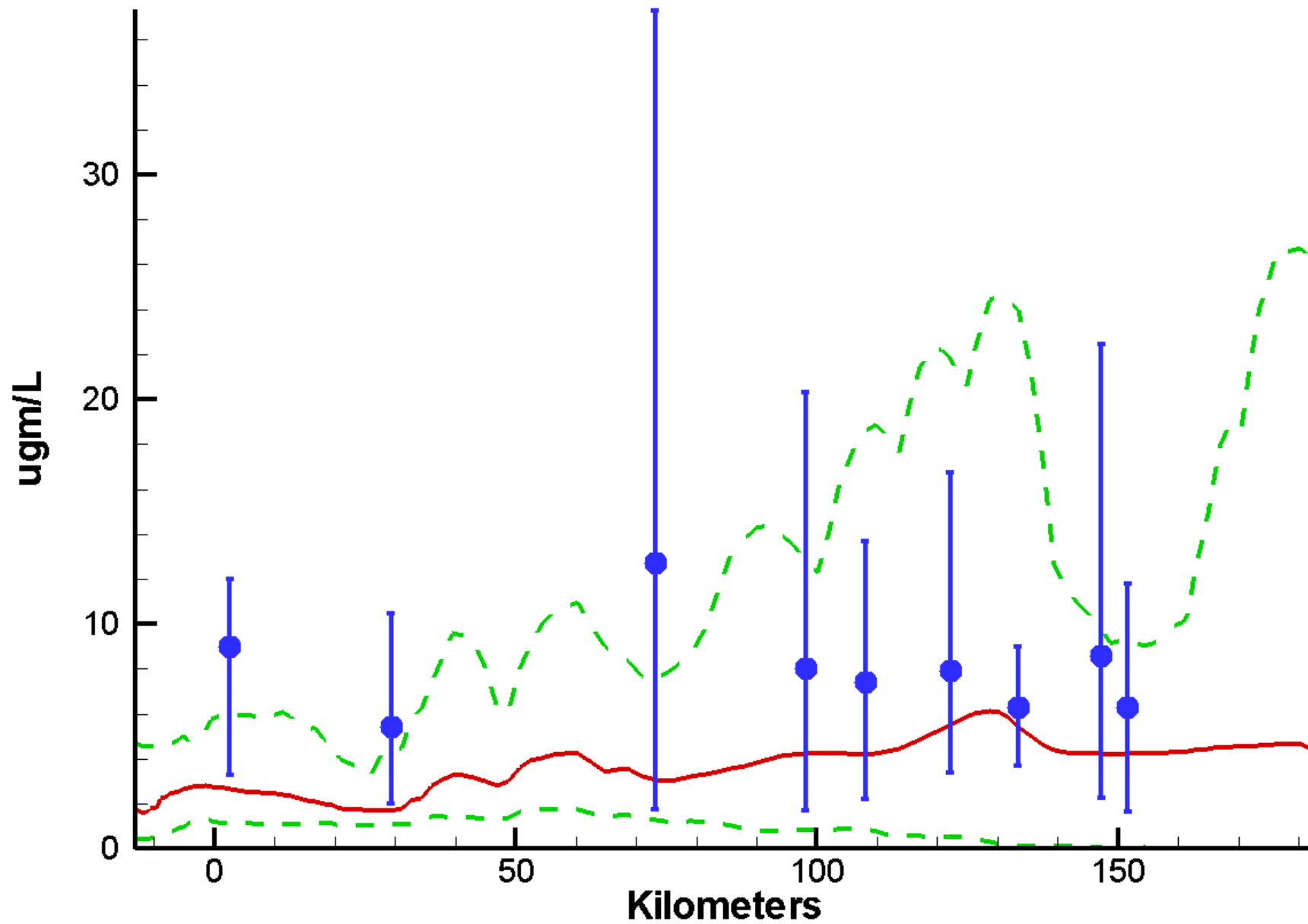
# Potomac River Ches2015 Run118

## Surface Total Suspended Solids Summer 1996



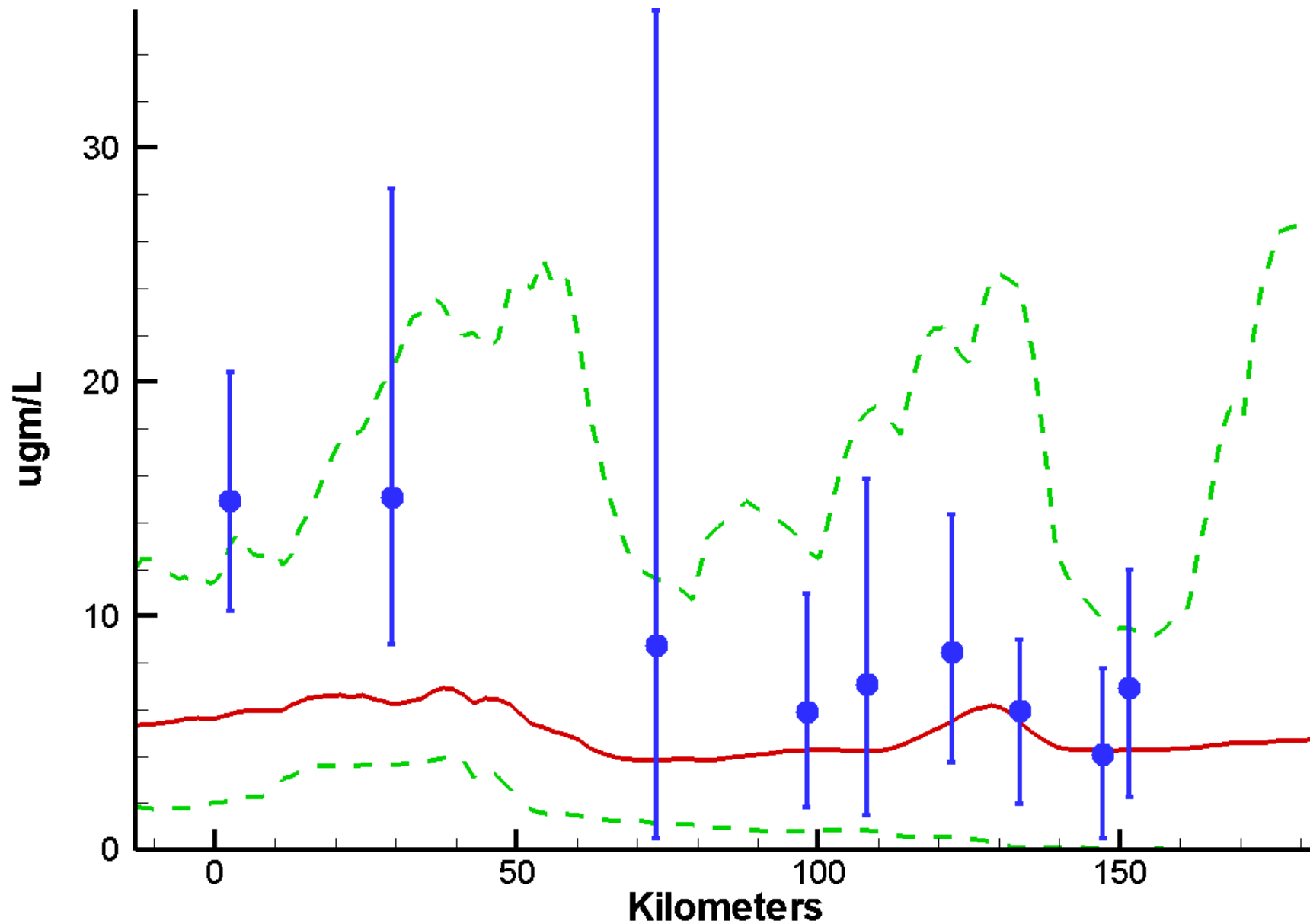
# Potomac River Ches2015 Run118

## Bottom Chlorophyll Fall 1996



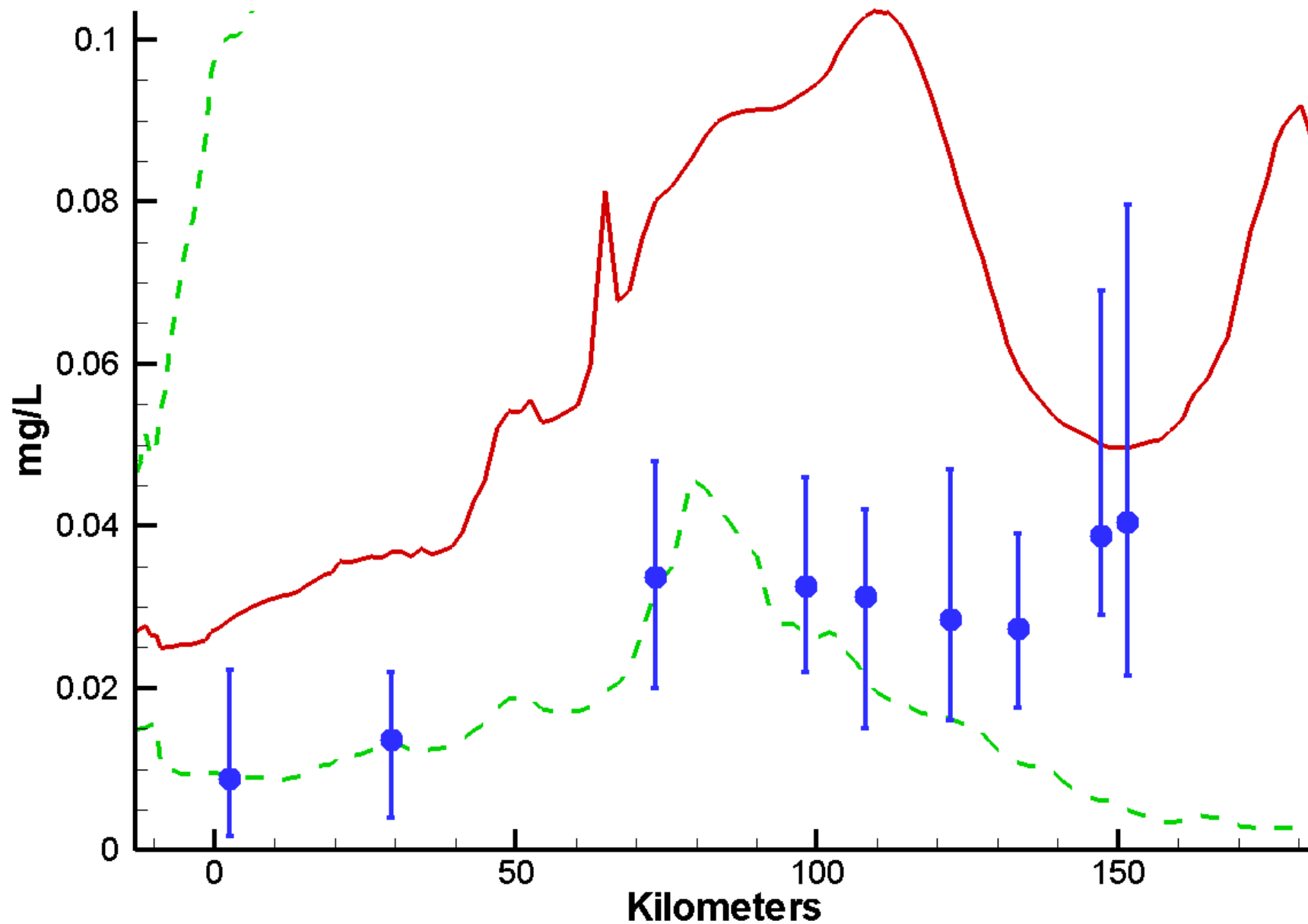
# Potomac River Ches2015 Run118

## Surface Chlorophyll Fall 1996



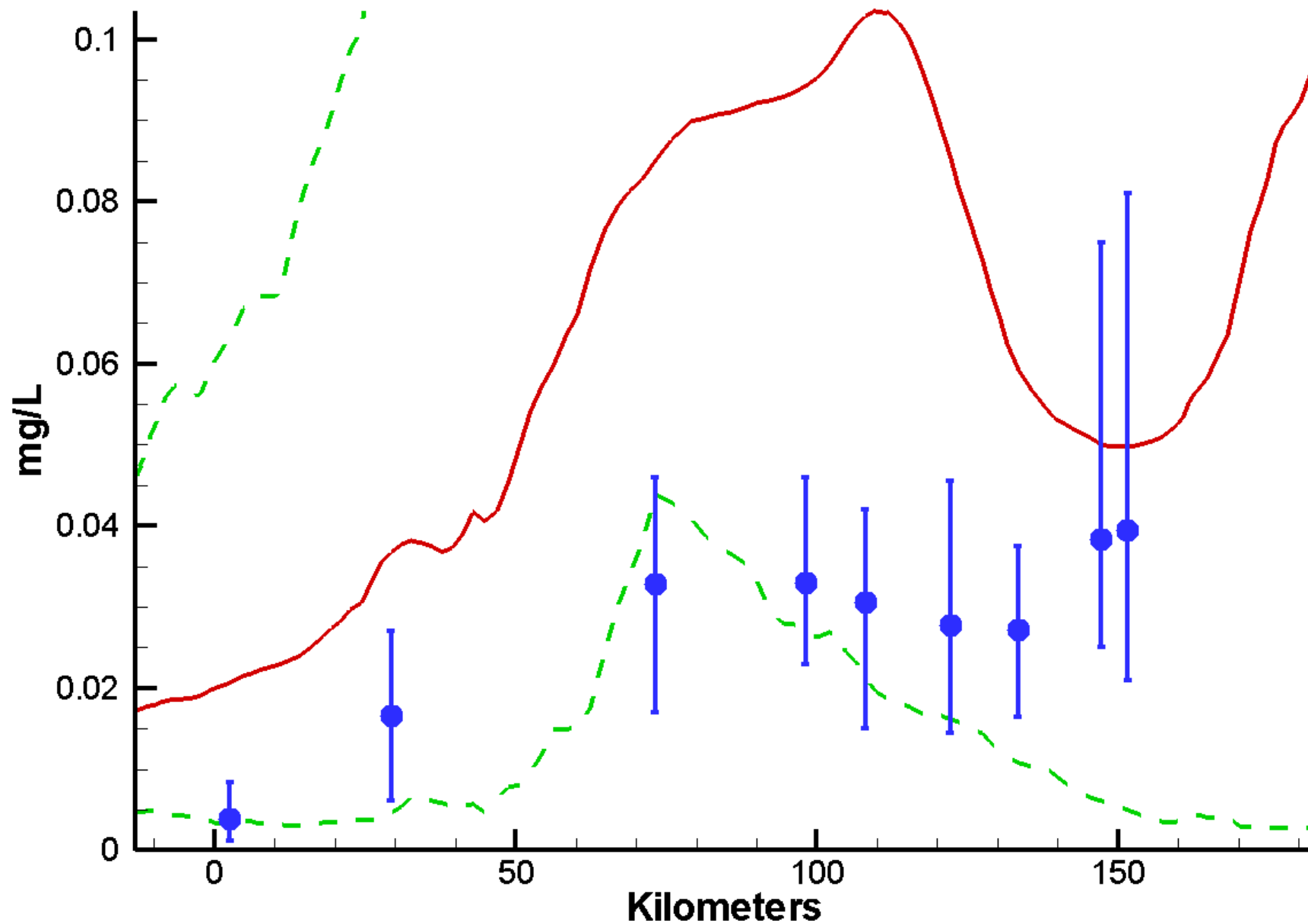
# Potomac River Ches2015 Run118

## Bottom Dissolved Phosphate Fall 1996



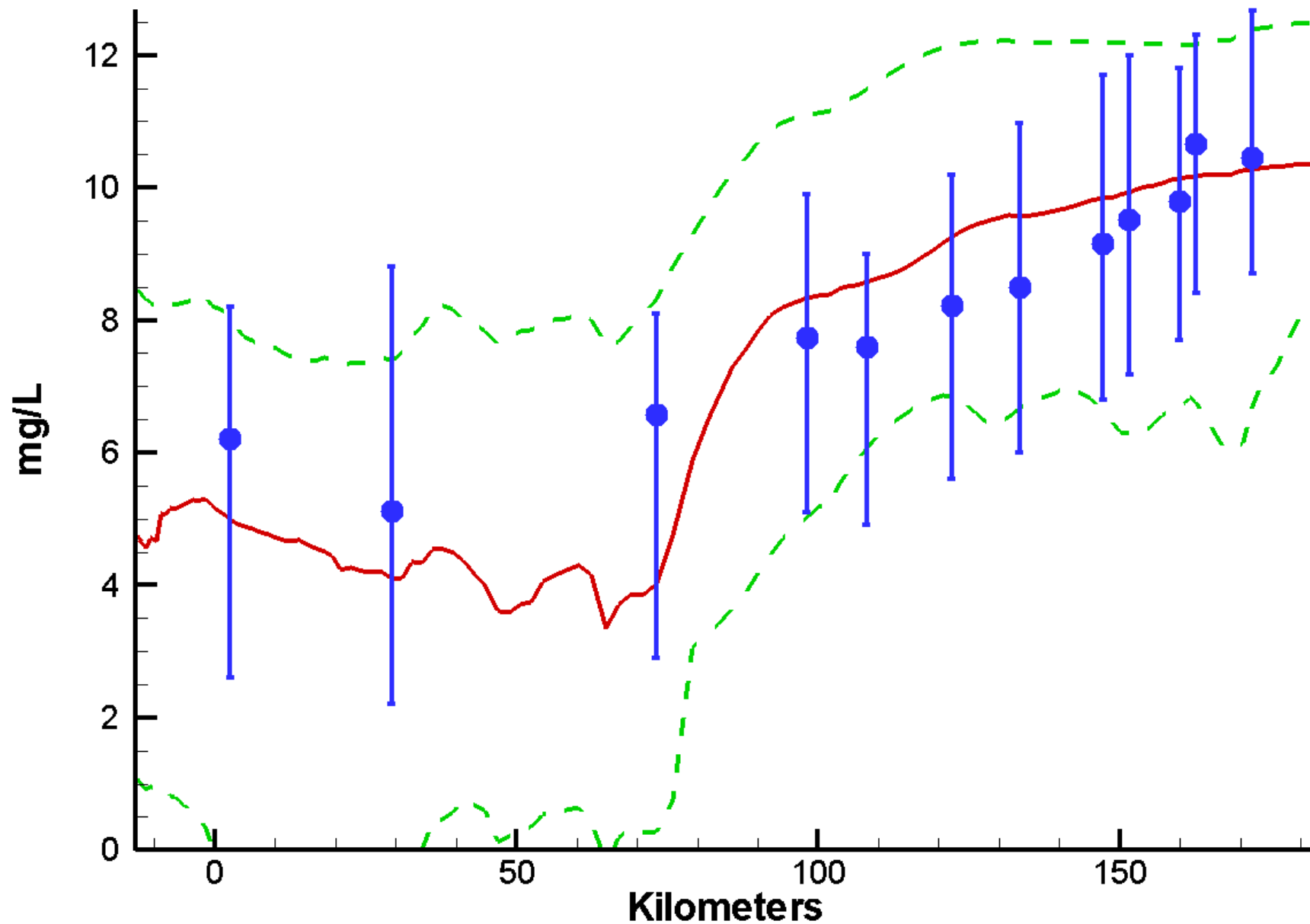
# Potomac River Ches2015 Run118

## Surface Dissolved Phosphate Fall 1996



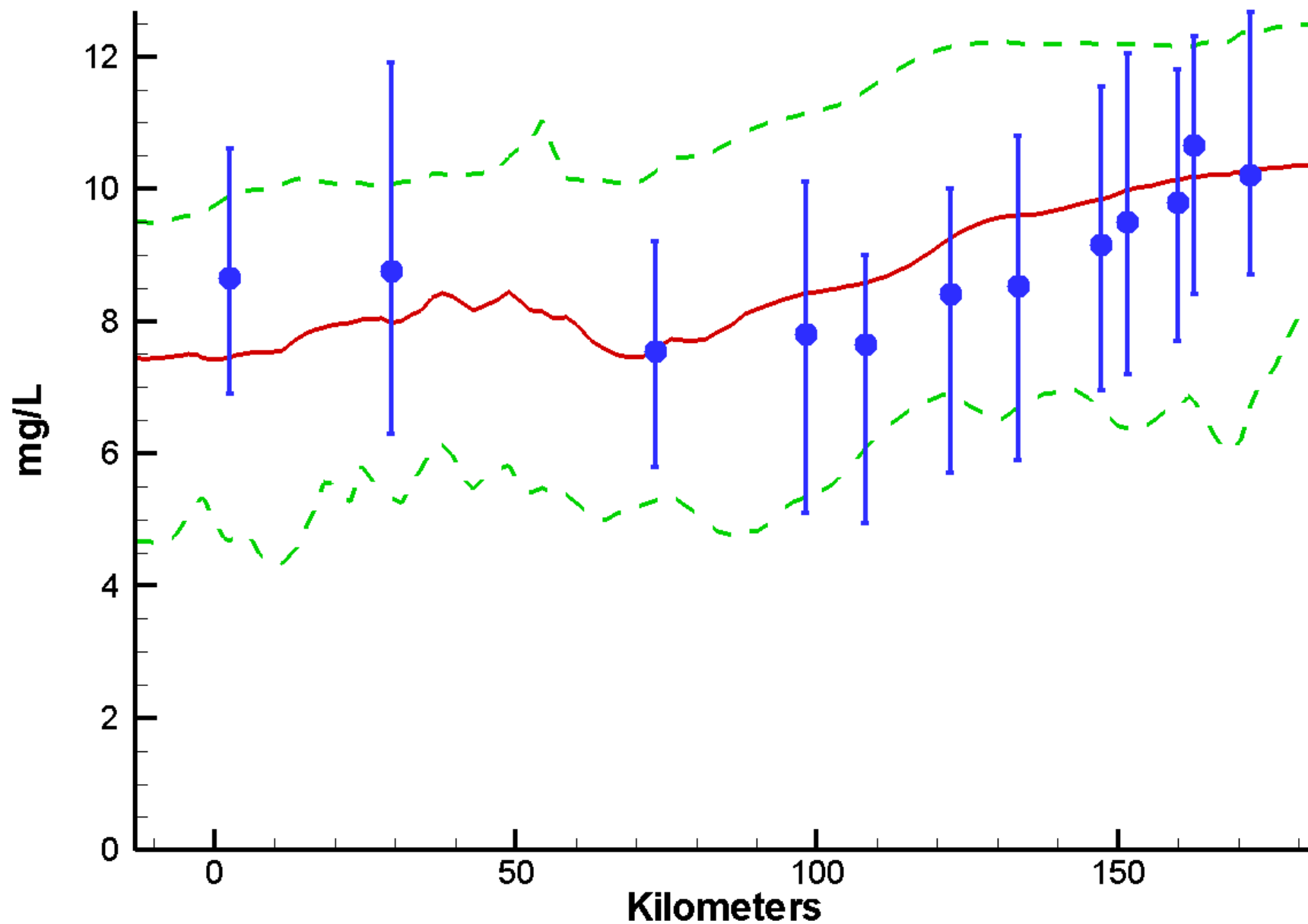
# Potomac River Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1996



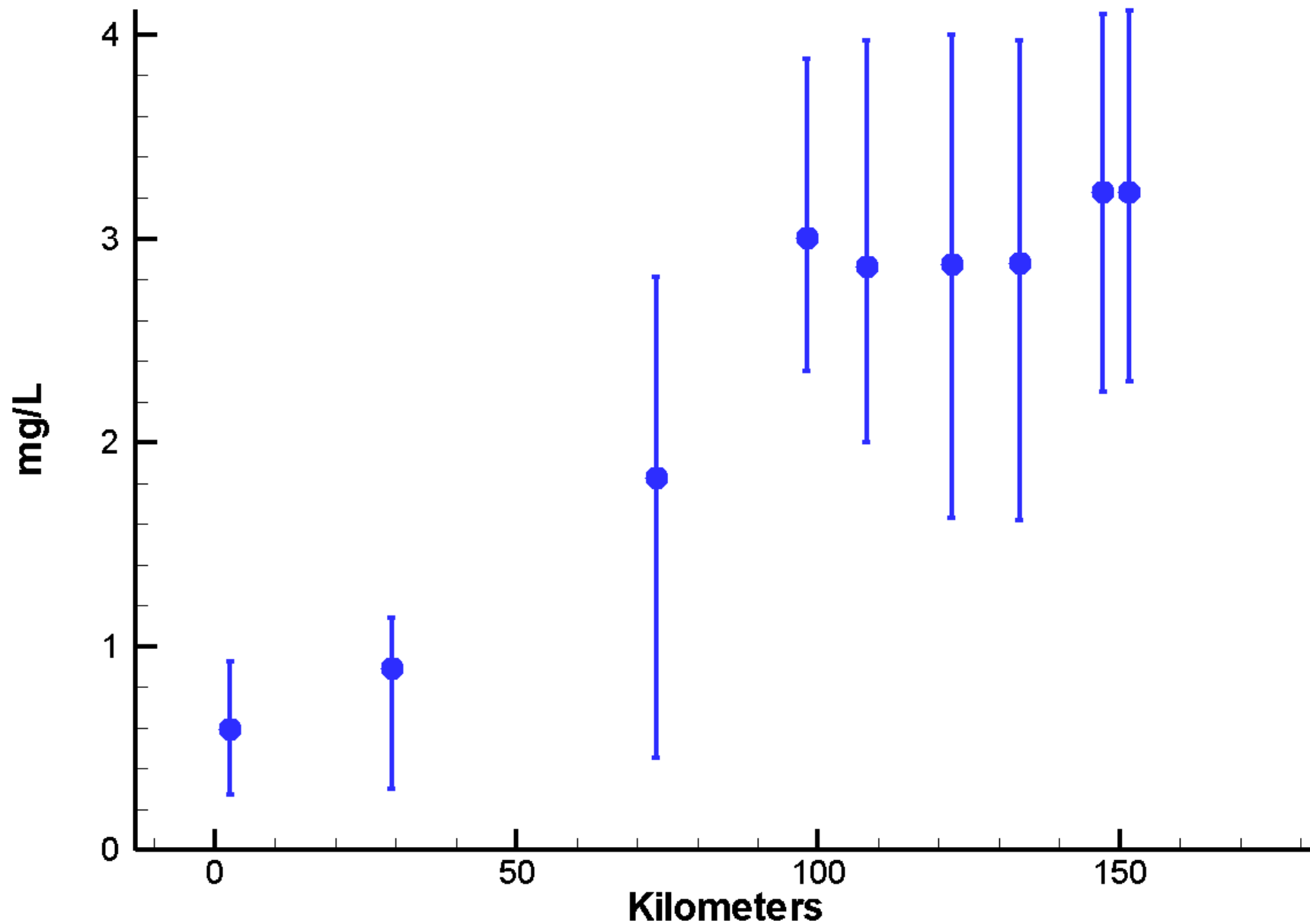
# Potomac River Ches2015 Run118

## Surface Dissolved Oxygen Fall 1996



# Potomac River Ches2015 Run118

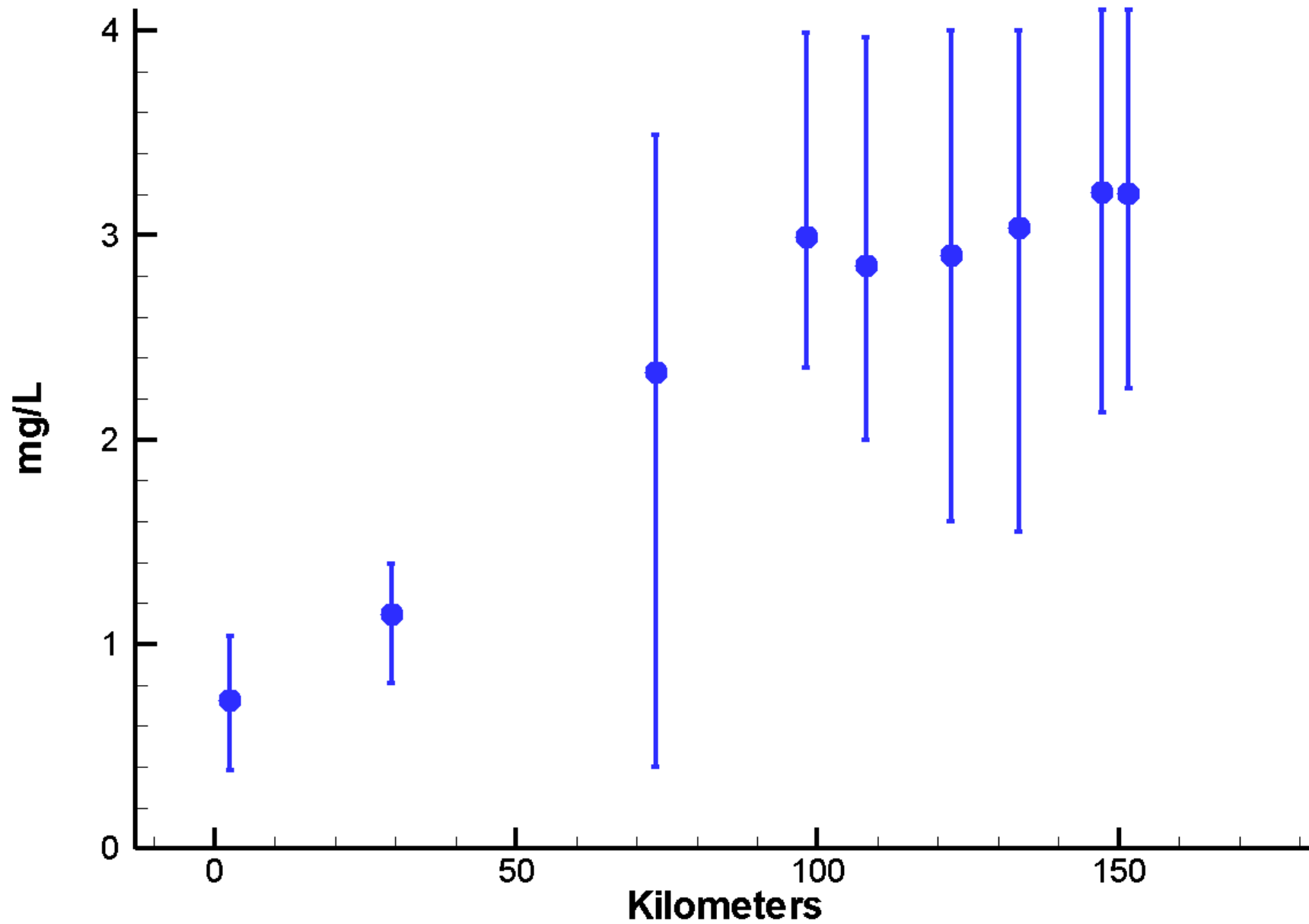
## Bottom Dissolved Silica Fall 1996





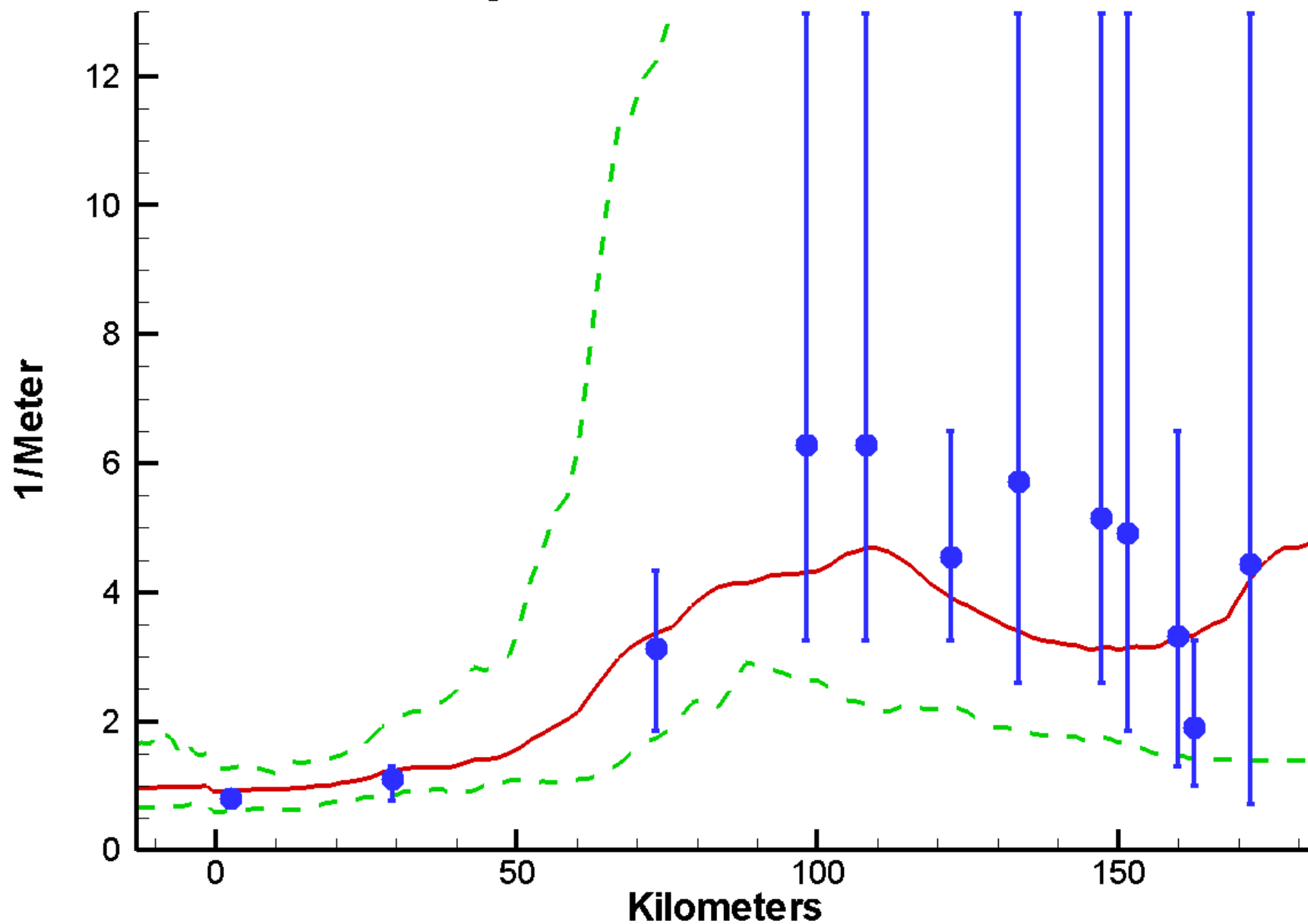
# Potomac River Ches2015 Run118

## Surface Dissolved Silica Fall 1996



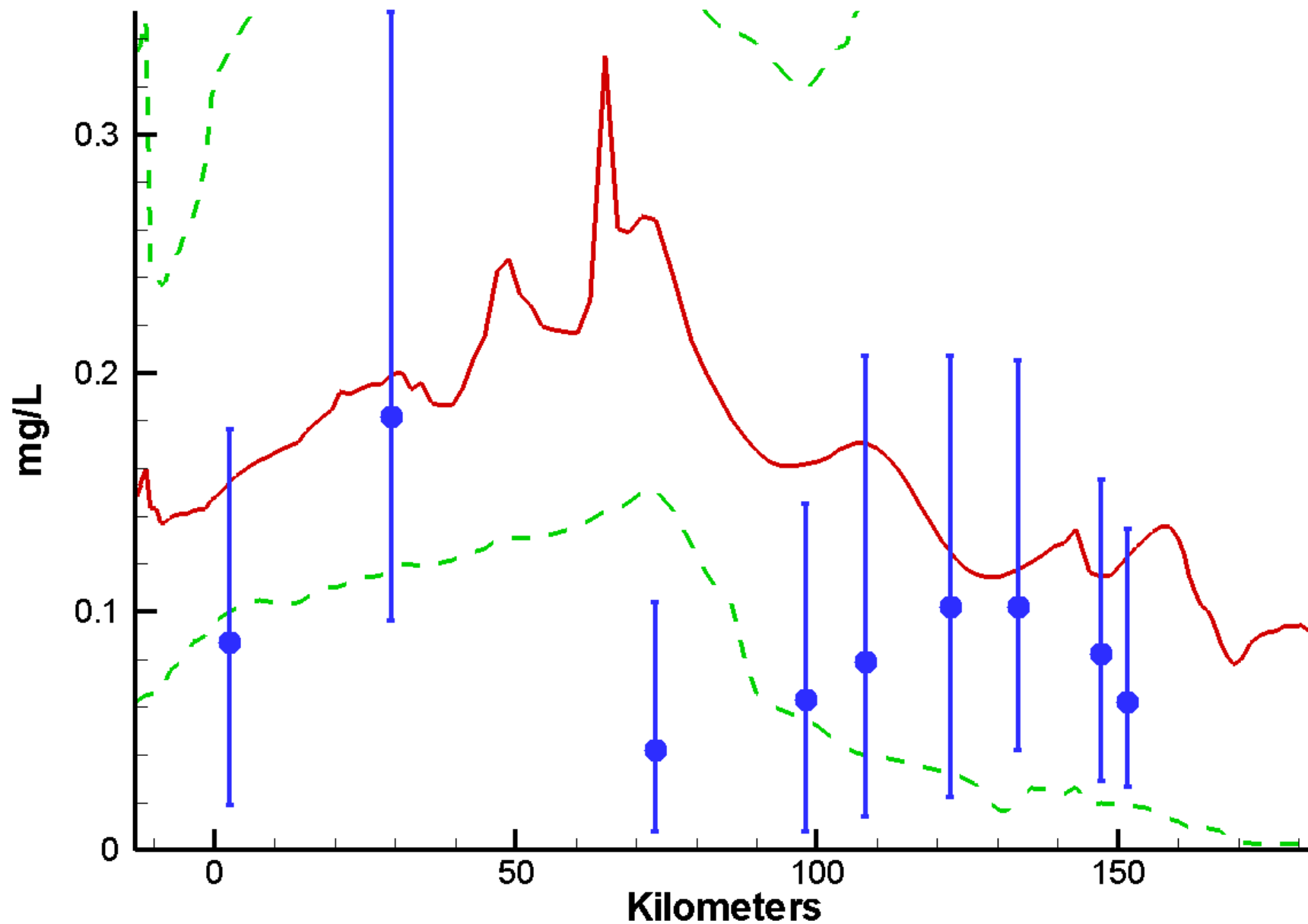
# Potomac River Ches2015 Run118

## Surface Light Extinction Fall 1996



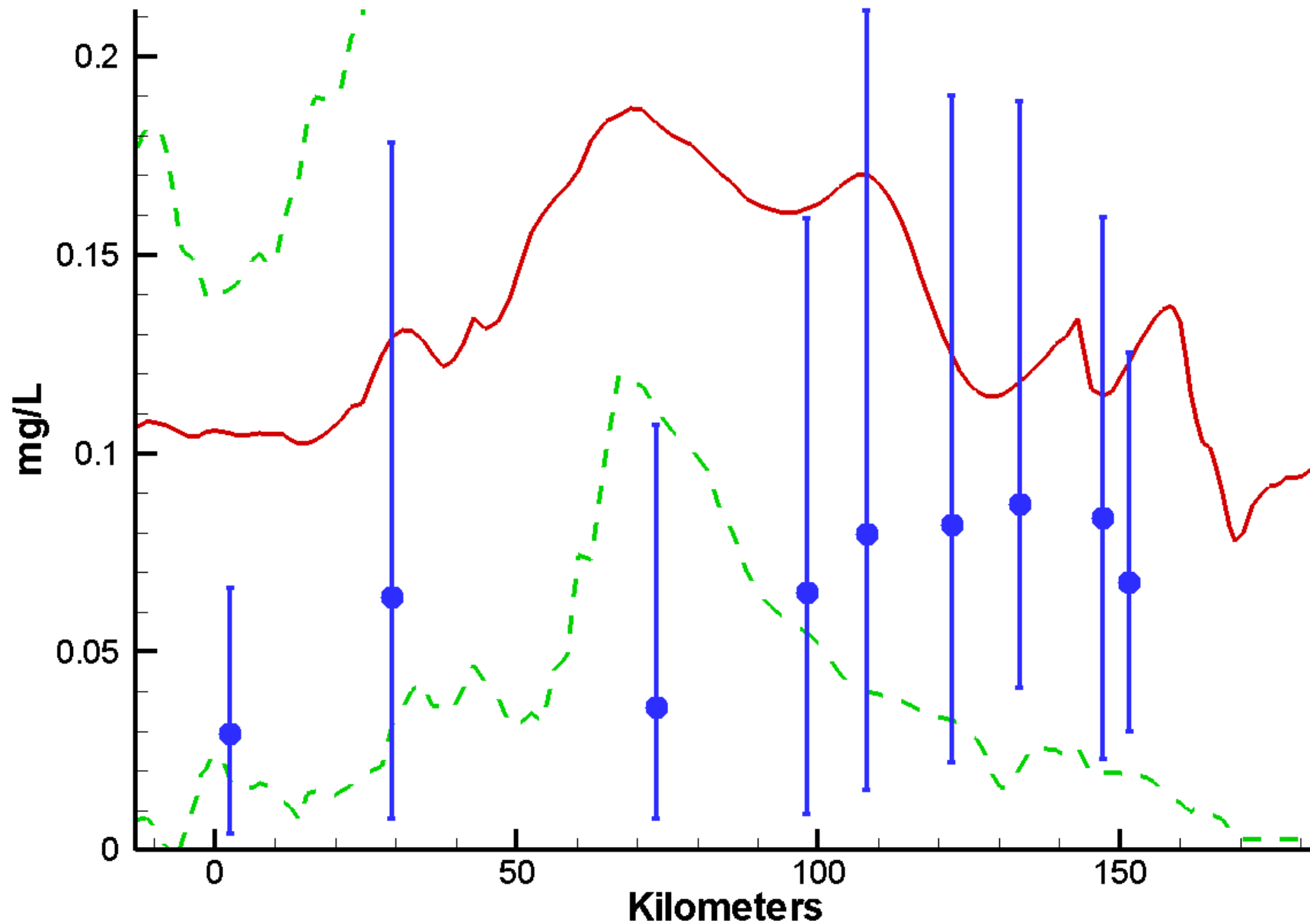
# Potomac River Ches2015 Run118

## Bottom Ammonium Fall 1996



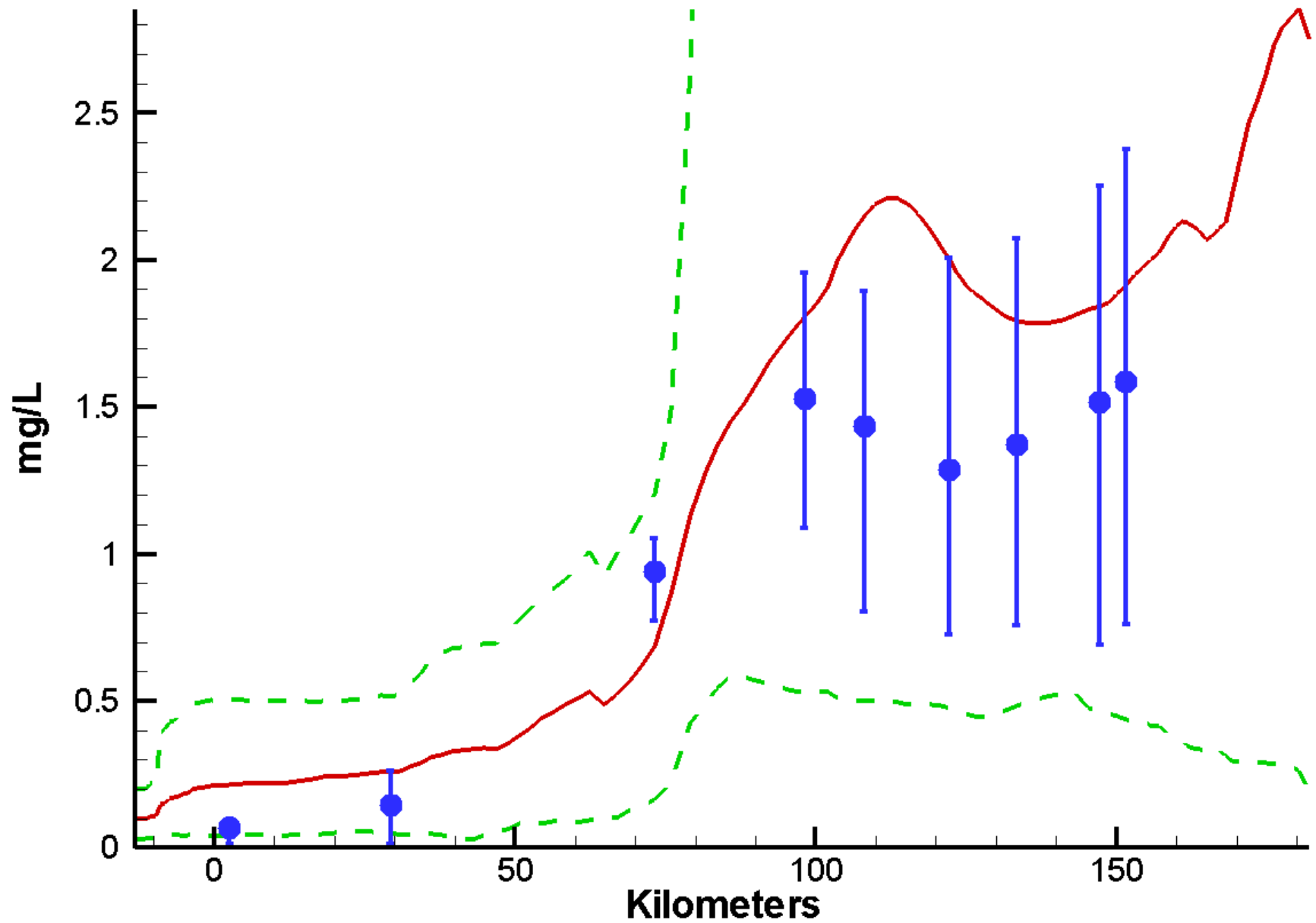
# Potomac River Ches2015 Run118

## Surface Ammonium Fall 1996



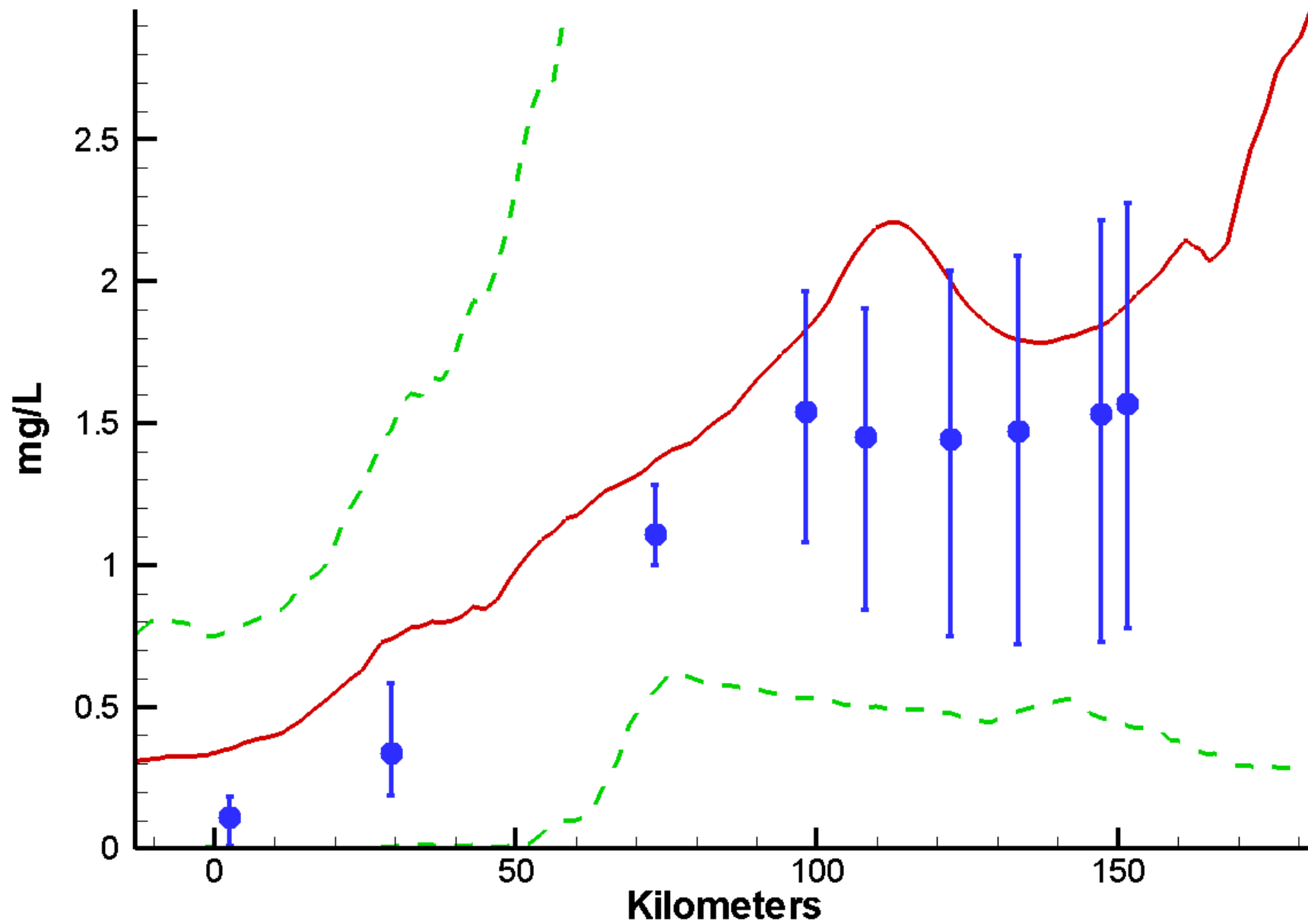
# Potomac River Ches2015 Run118

## Bottom Nitrate Fall 1996



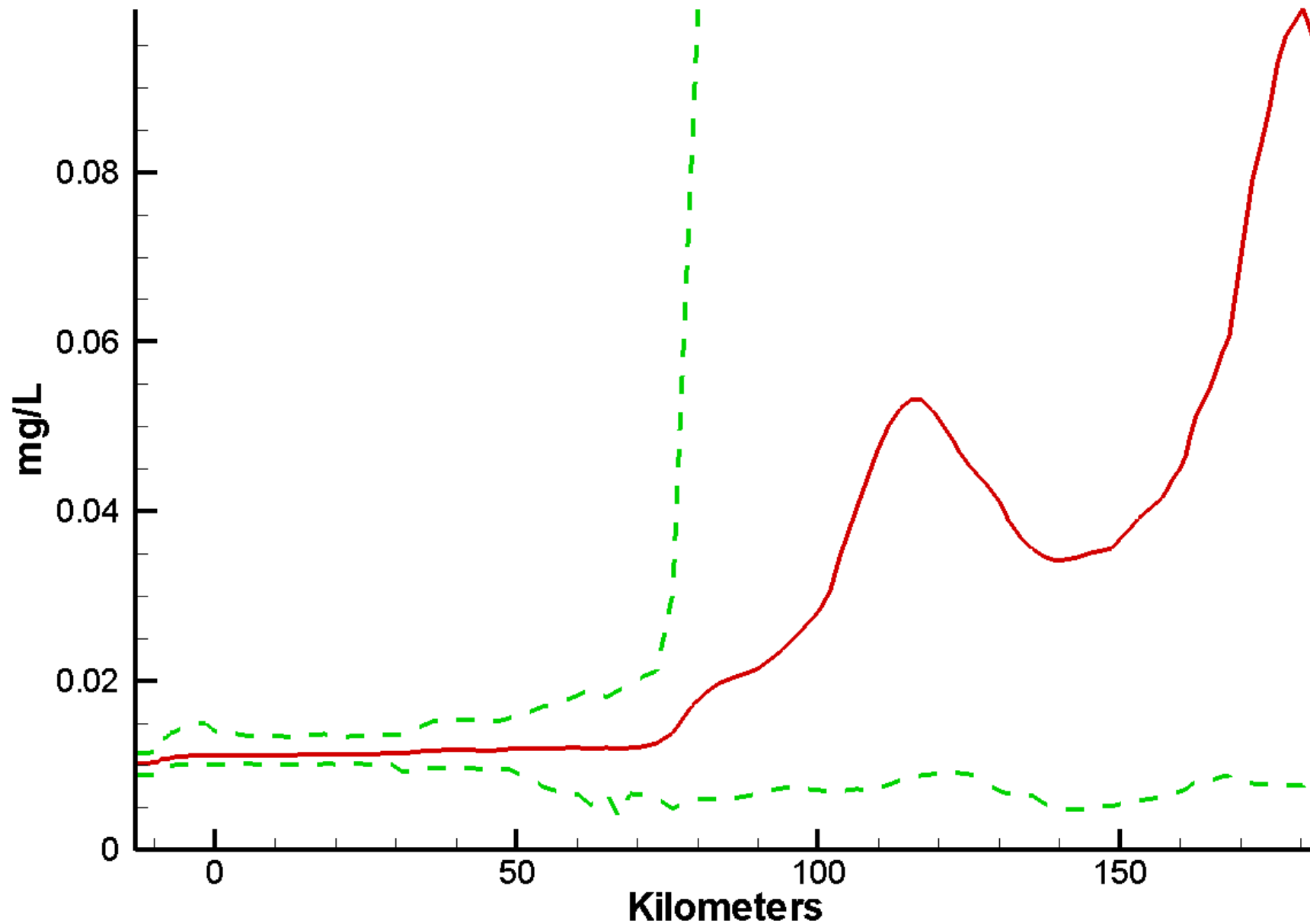
# Potomac River Ches2015 Run118

## Surface Nitrate Fall 1996



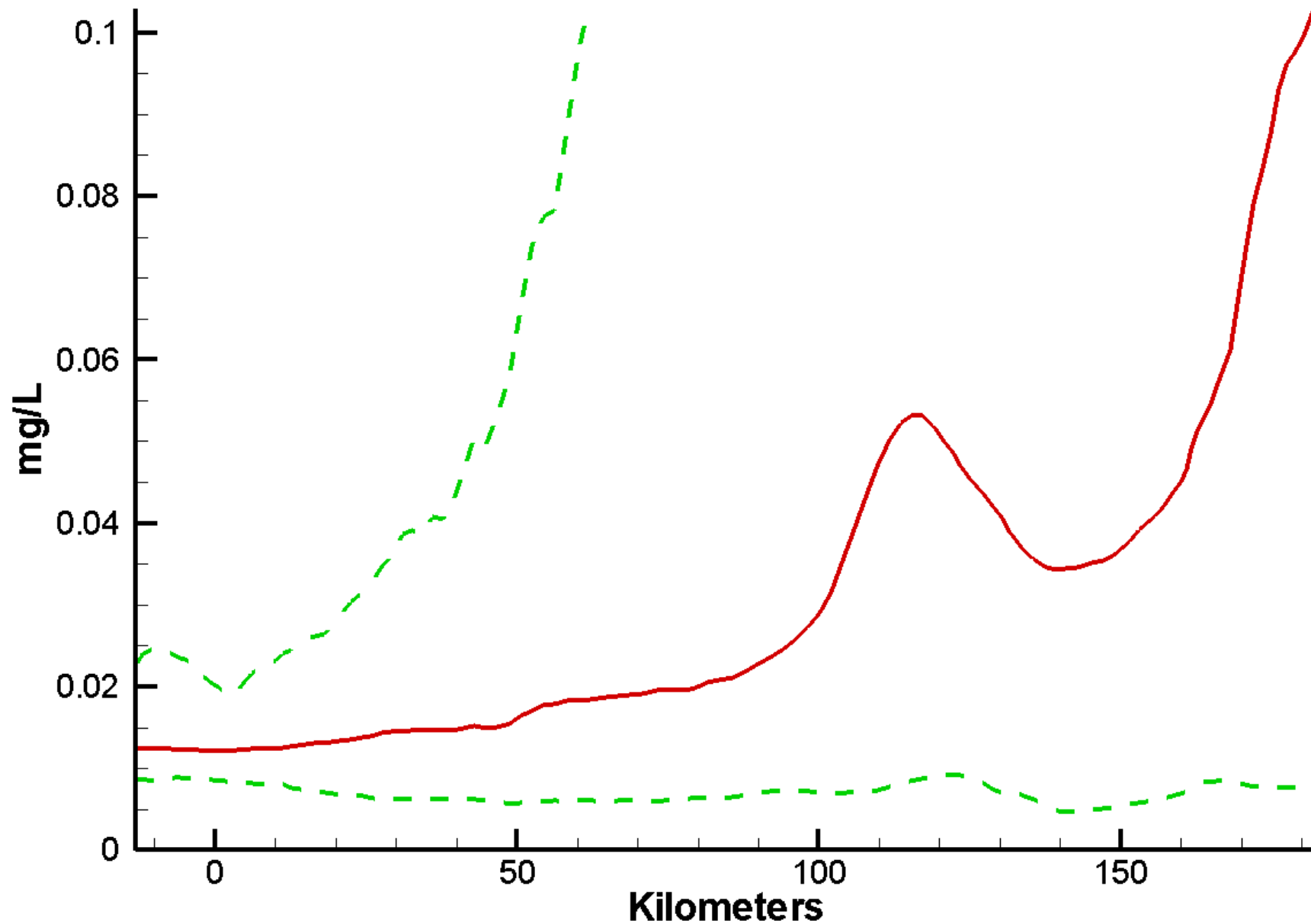
# Potomac River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1996



# Potomac River Ches2015 Run118

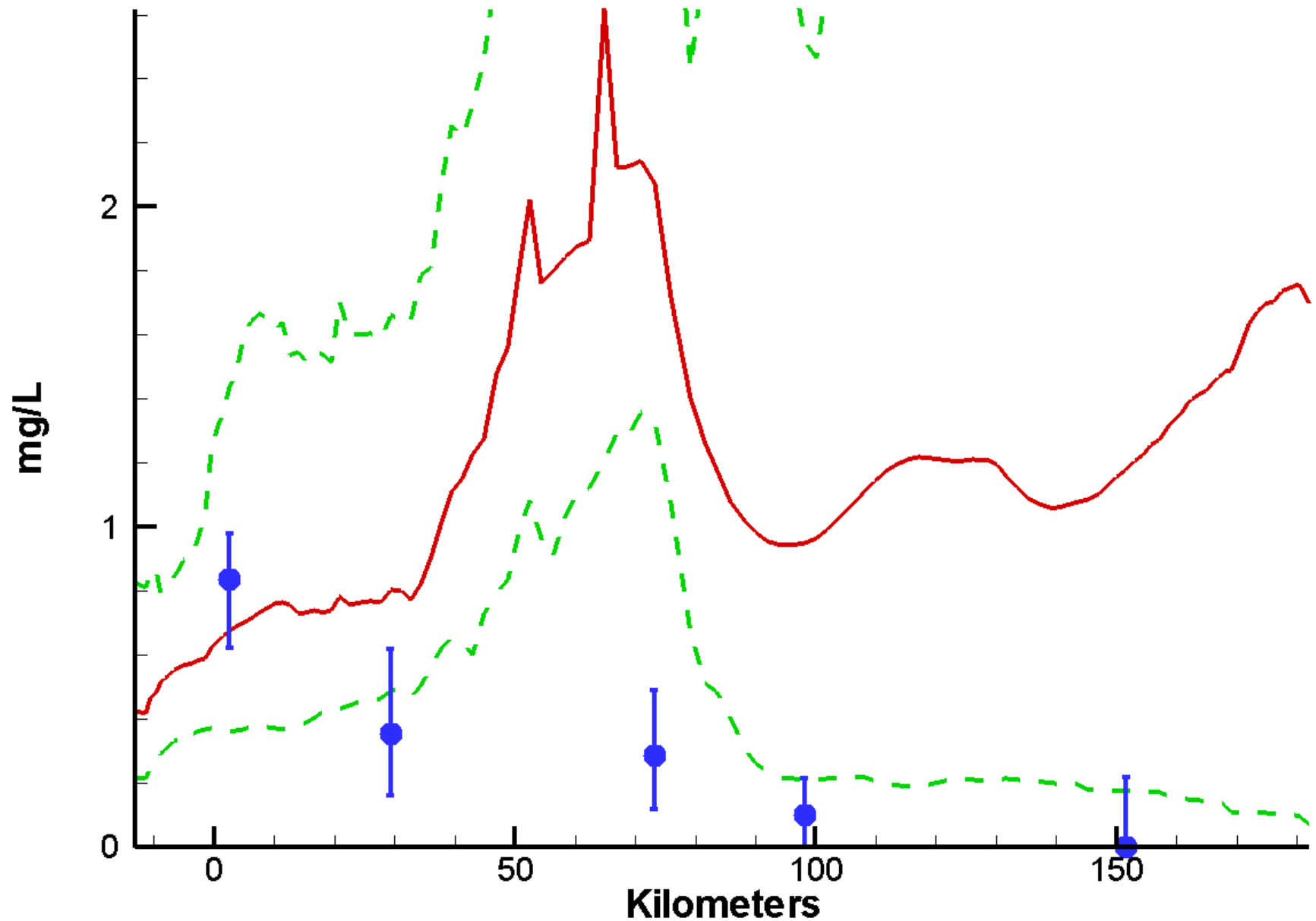
## Surface Particulate Inorganic Phosphorus Fall 1996





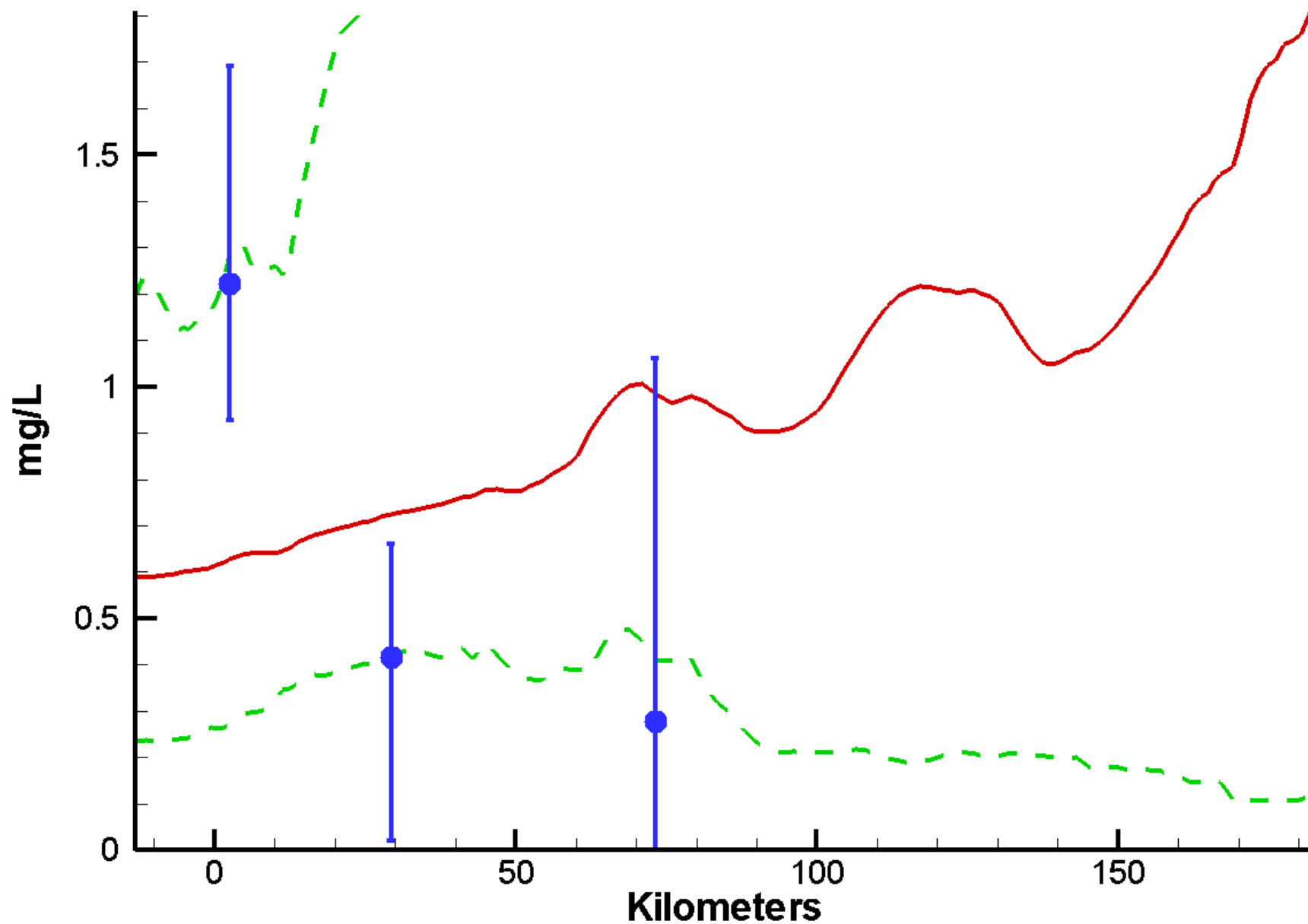
# Potomac River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1996



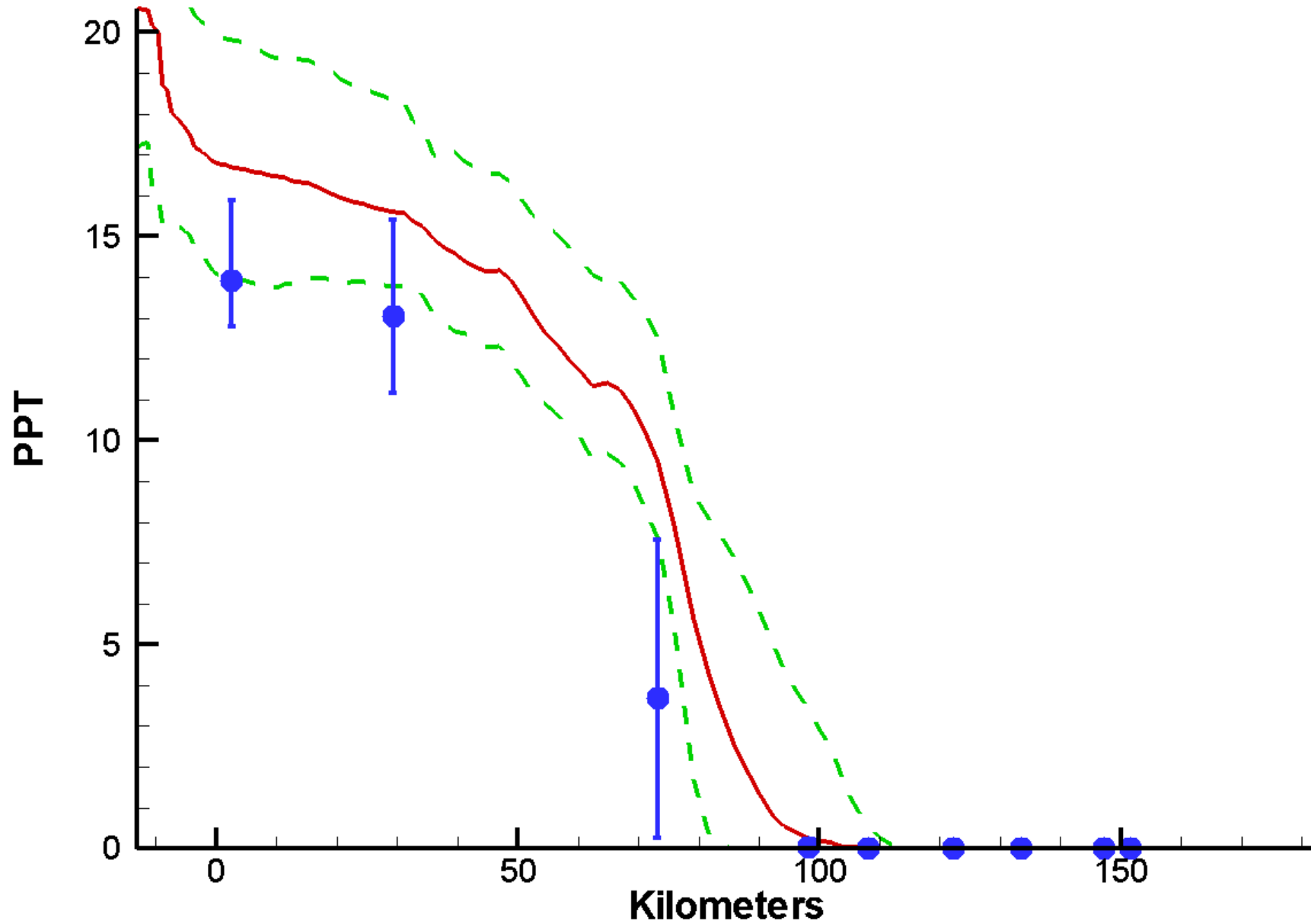
# Potomac River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1996



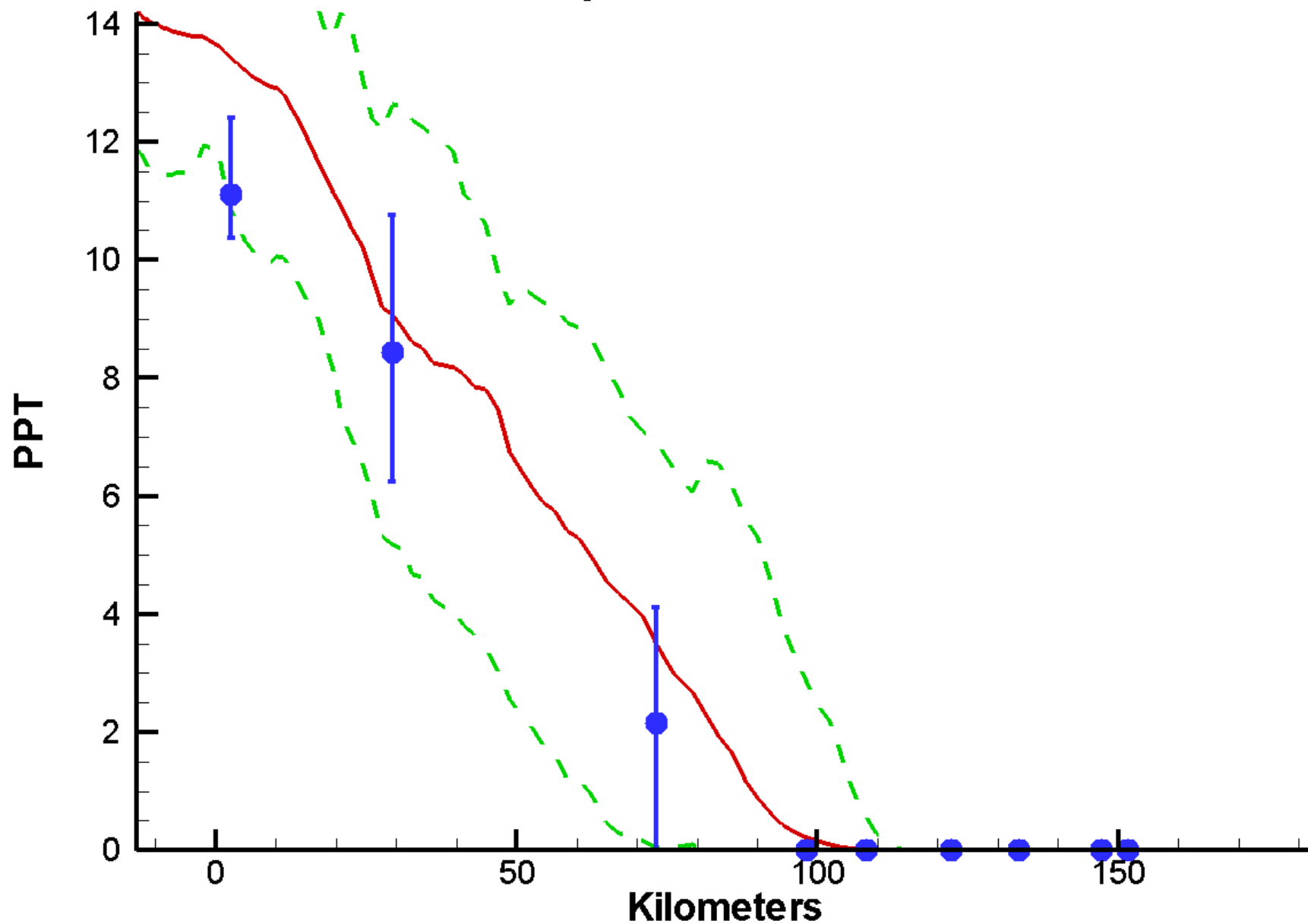
# Potomac River Ches2015 Run118

## Bottom Salinity Fall 1996



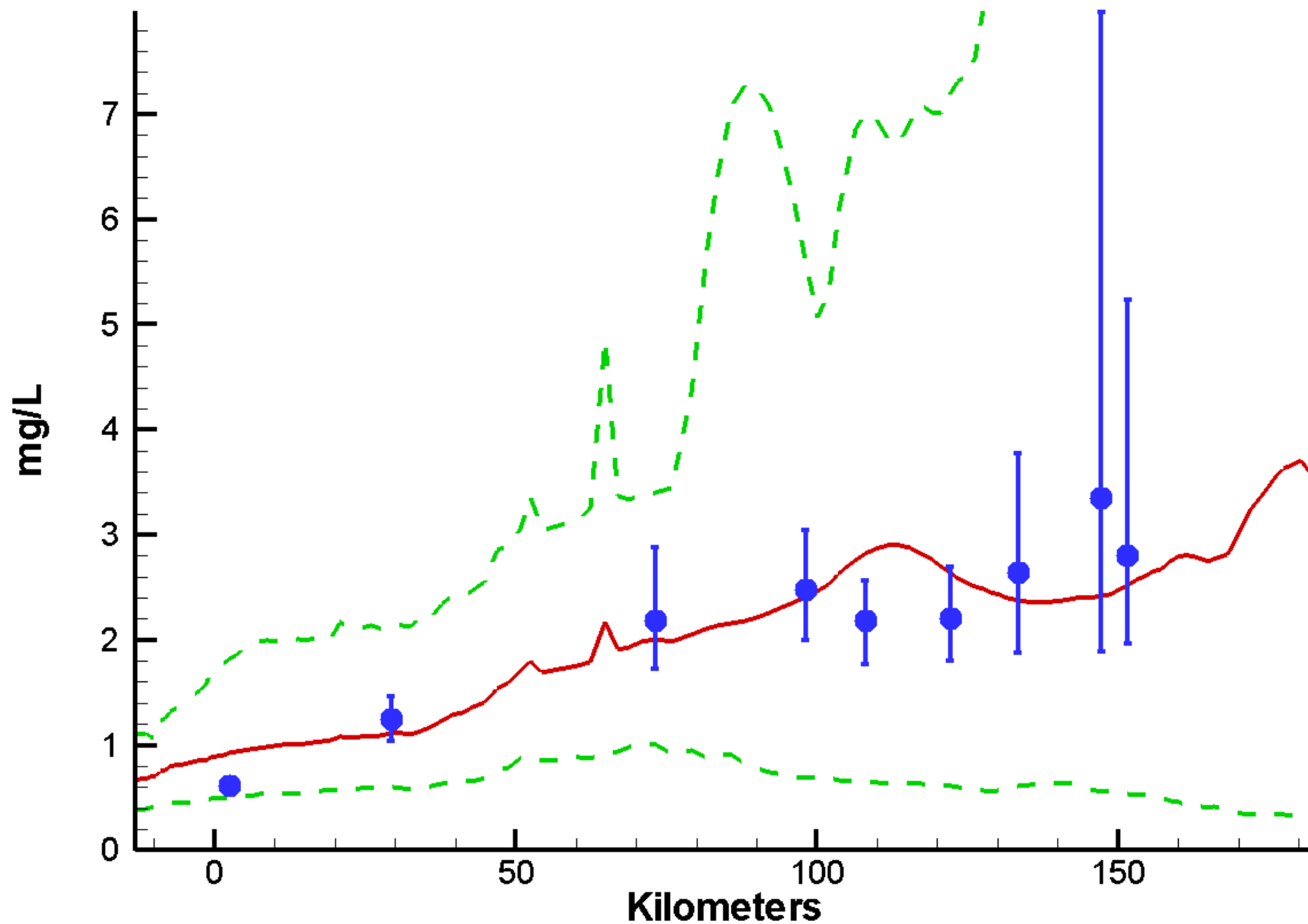
# Potomac River Ches2015 Run118

## Surface Salinity Fall 1996



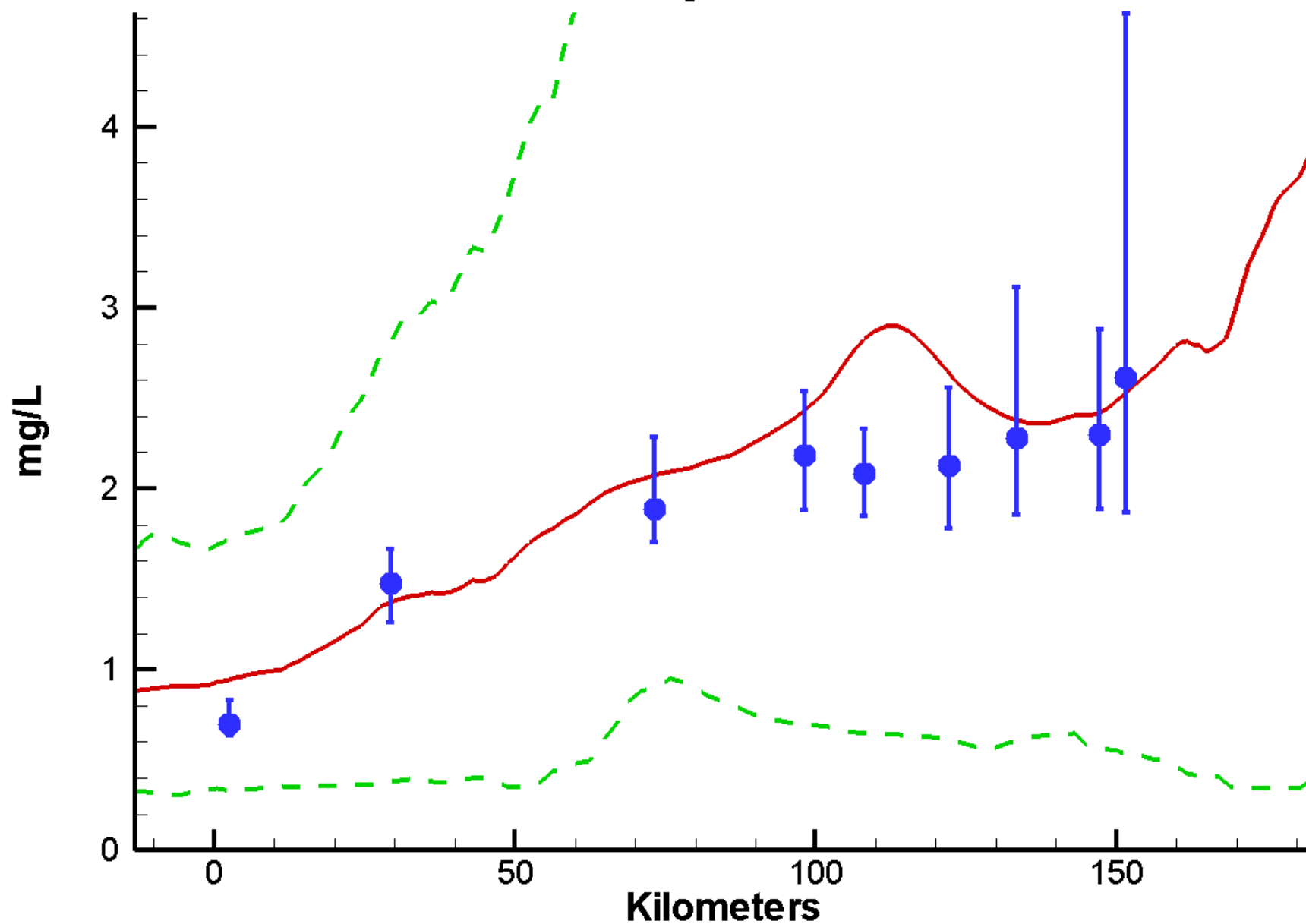
# Potomac River Ches2015 Run118

## Bottom Total Nitrogen Fall 1996



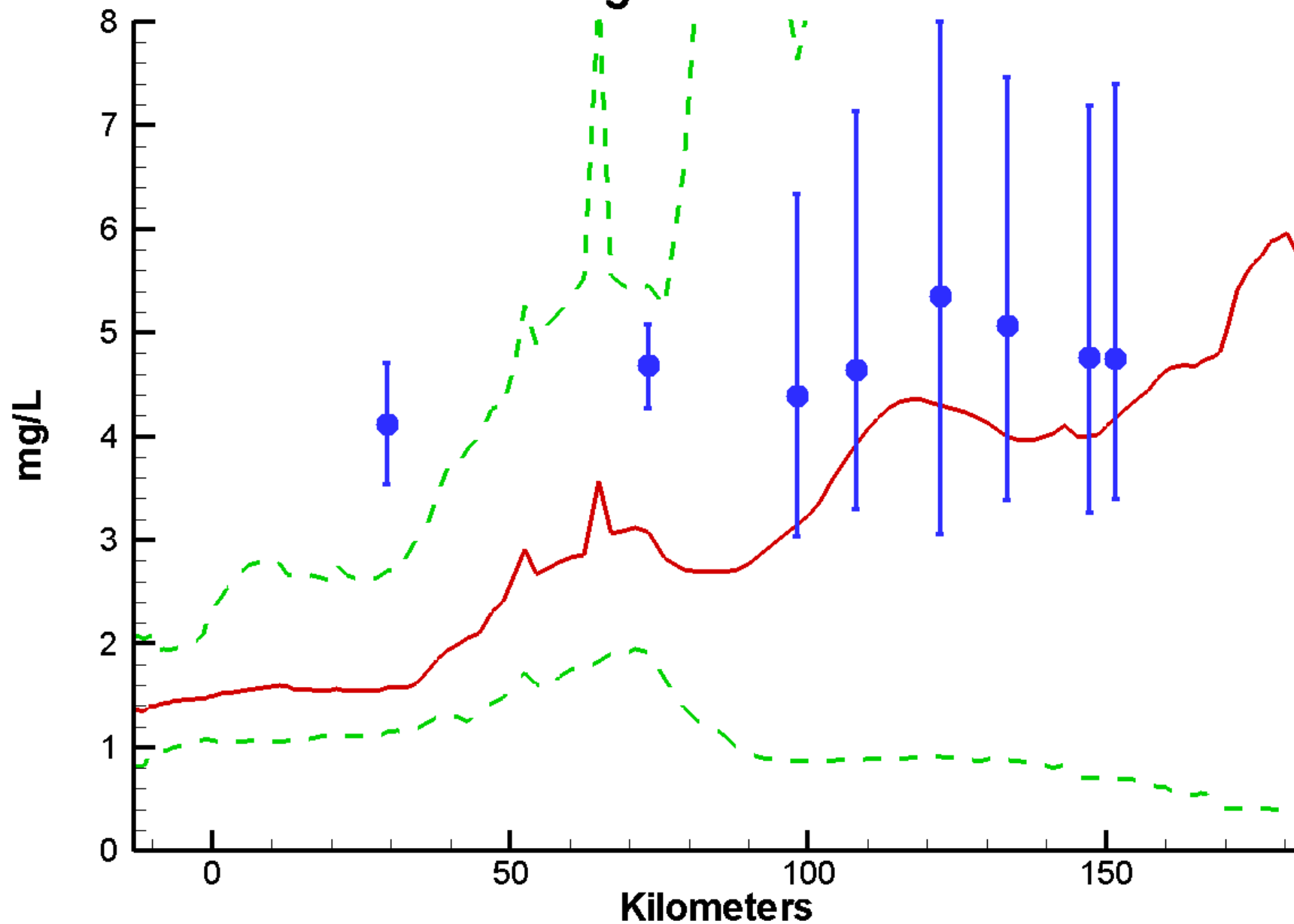
# Potomac River Ches2015 Run118

## Surface Total Nitrogen Fall 1996



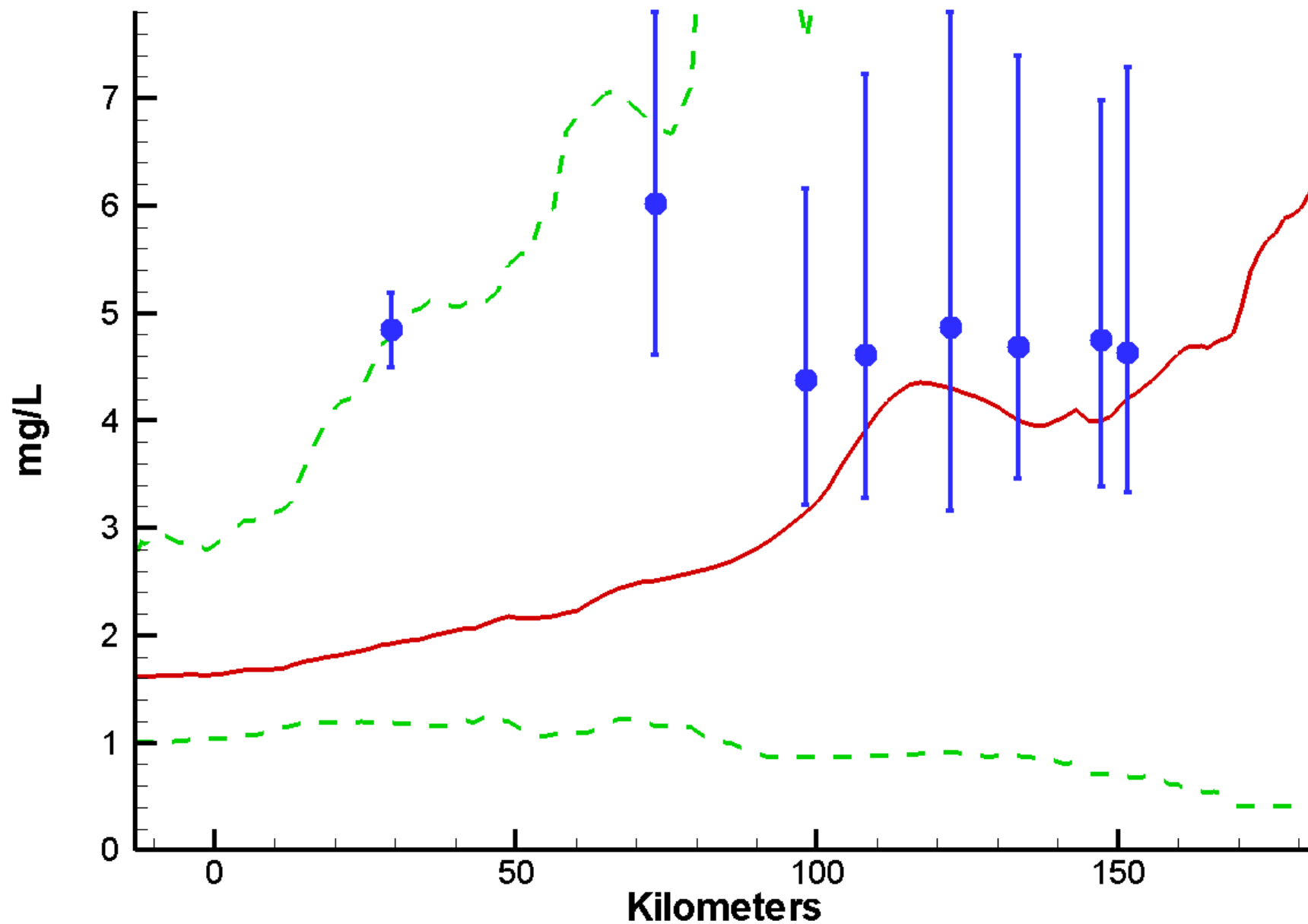
# Potomac River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1996



# Potomac River Ches2015 Run118

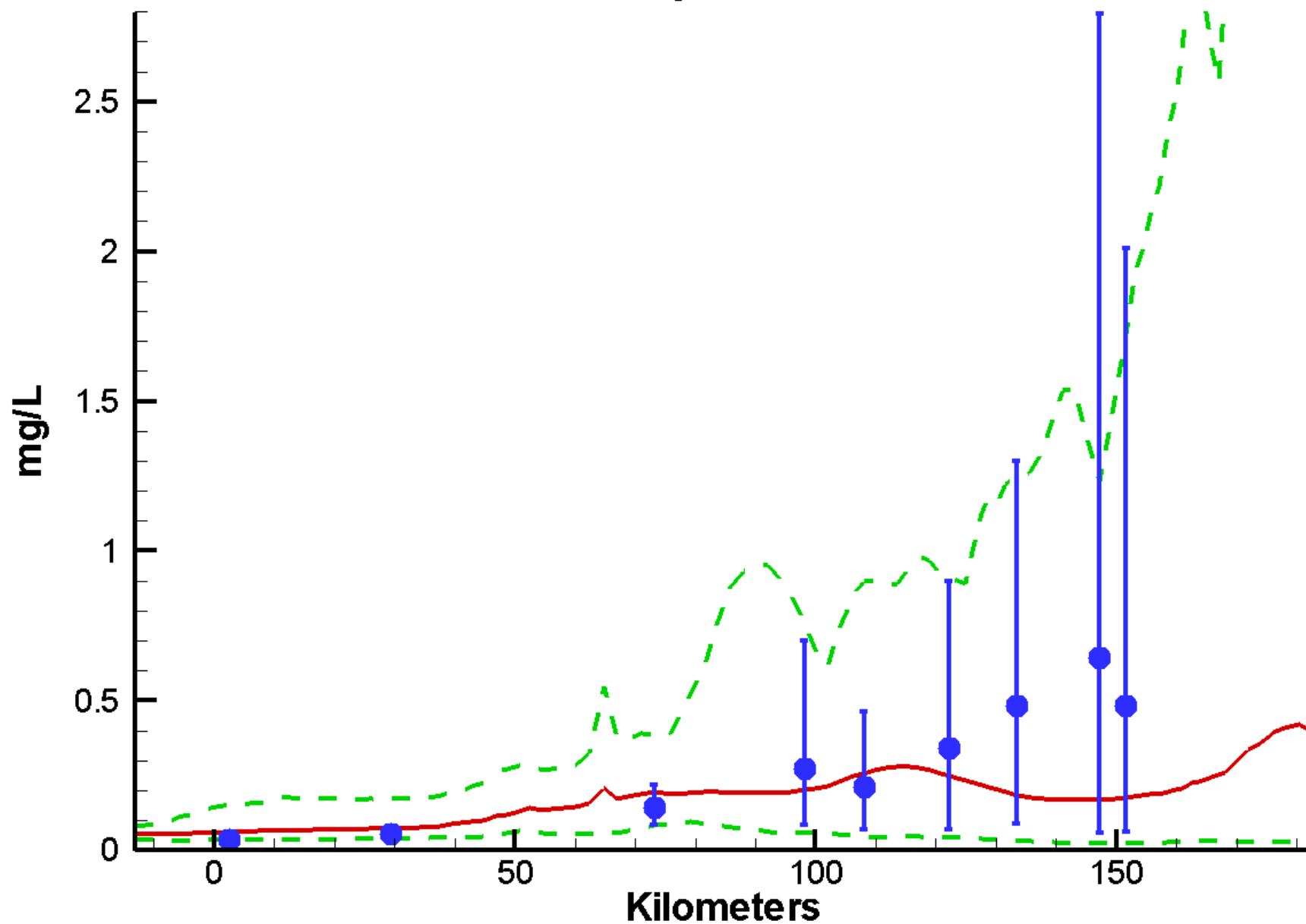
## Surface Total Organic Carbon Fall 1996





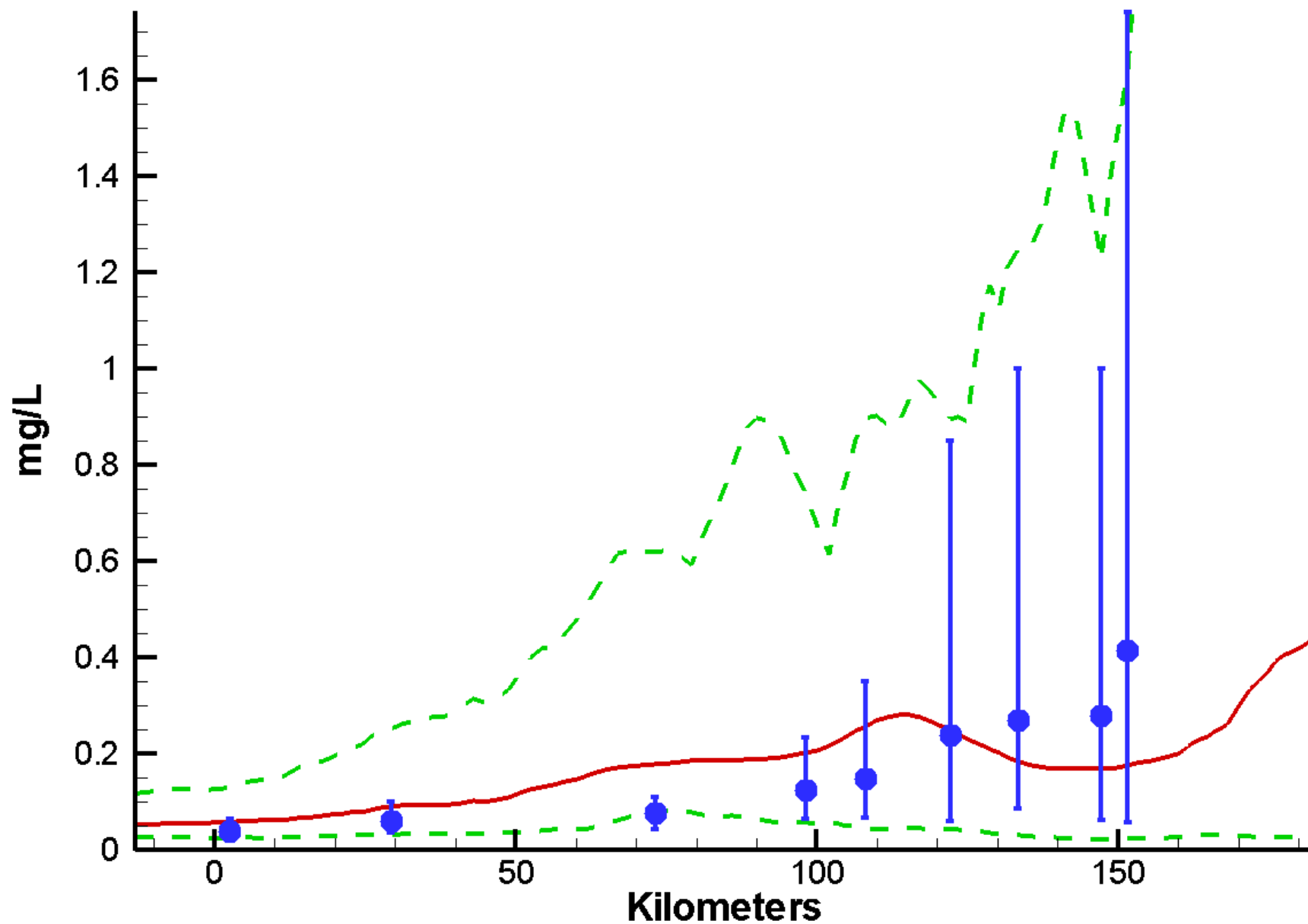
# Potomac River Ches2015 Run118

## Bottom Total Phosphorus Fall 1996



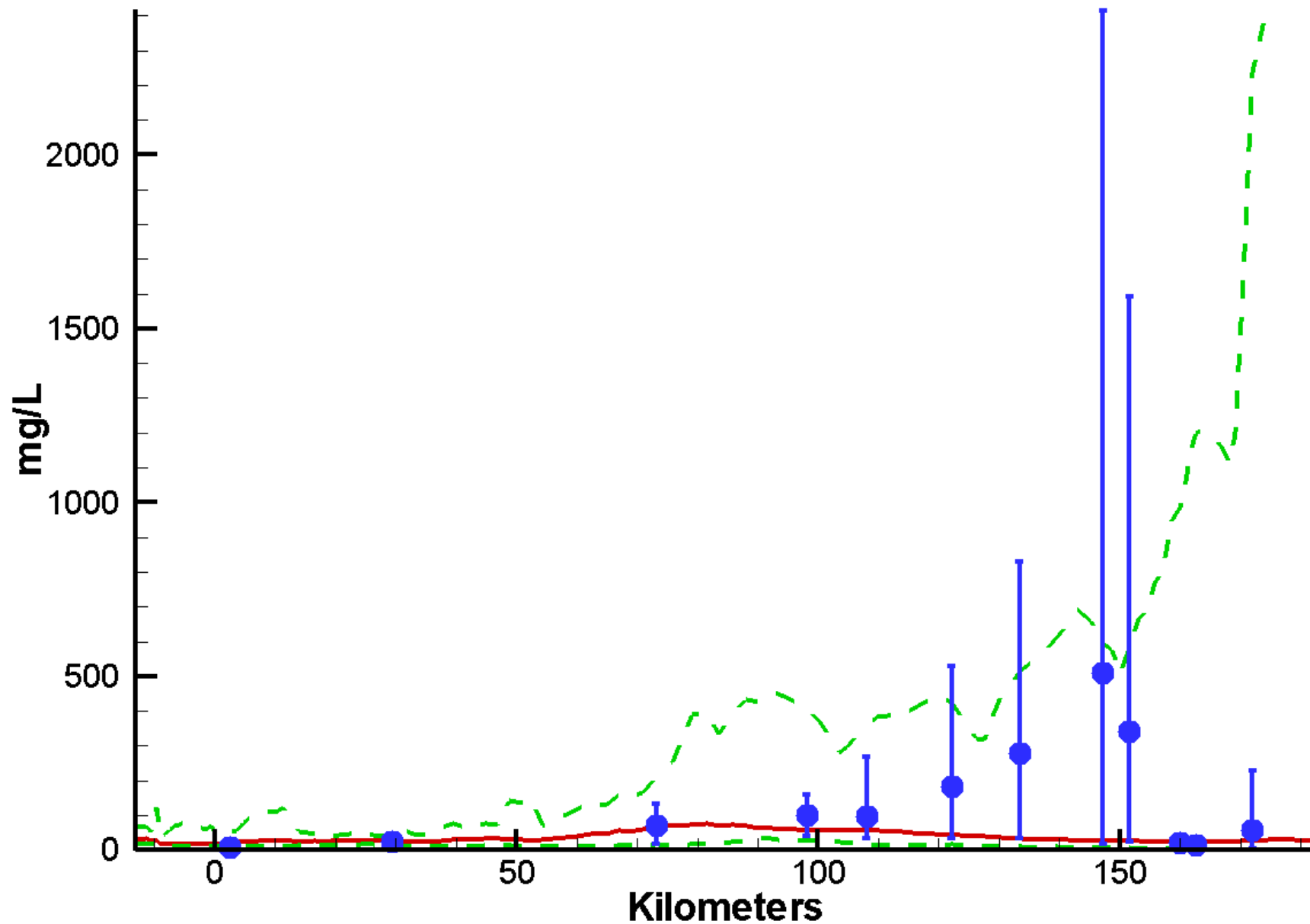
# Potomac River Ches2015 Run118

## Surface Total Phosphorus Fall 1996



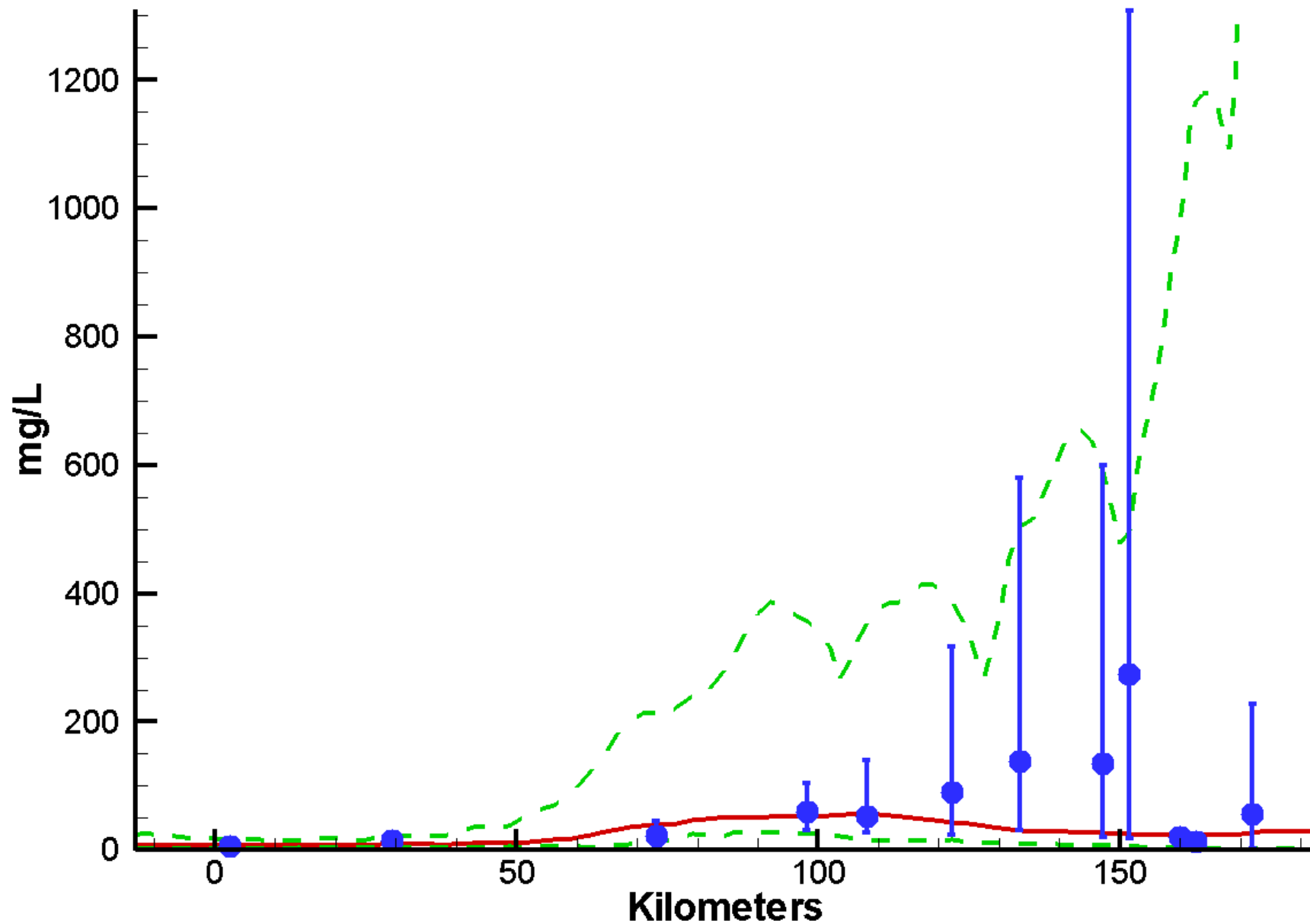
# Potomac River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1996



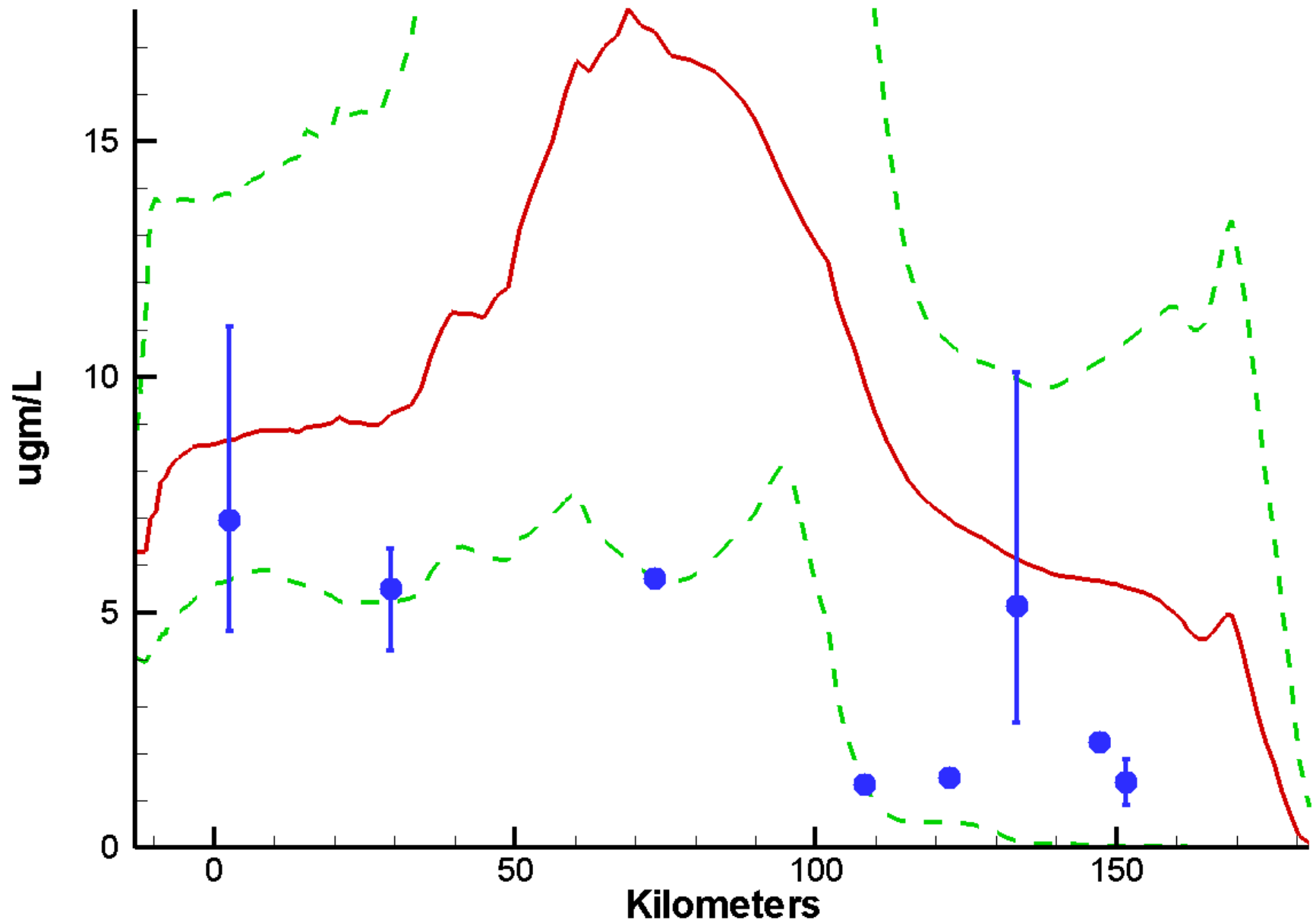
# Potomac River Ches2015 Run118

## Surface Total Suspended Solids Fall 1996



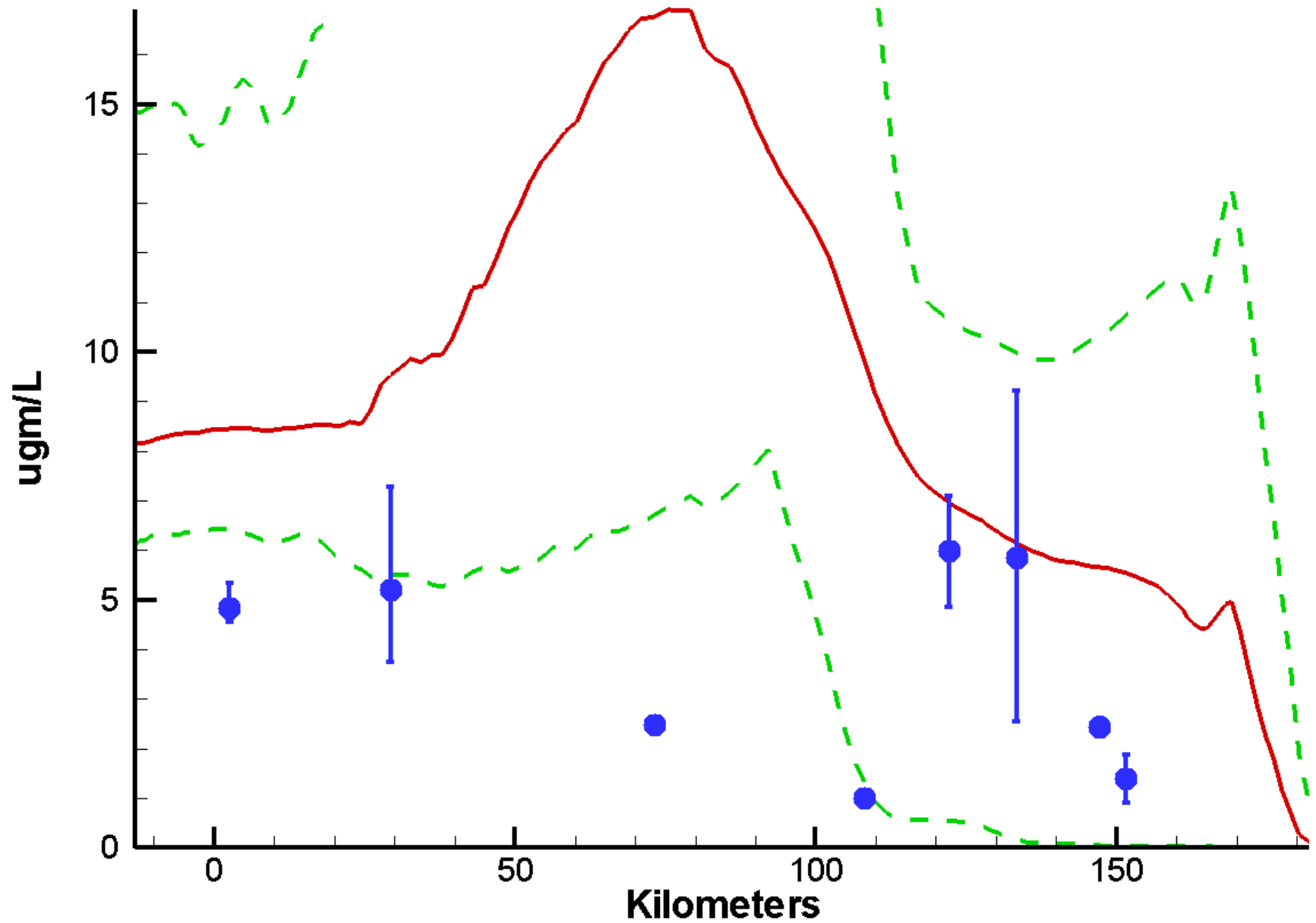
# Potomac River Ches2015 Run118

## Bottom Chlorophyll Winter 1999



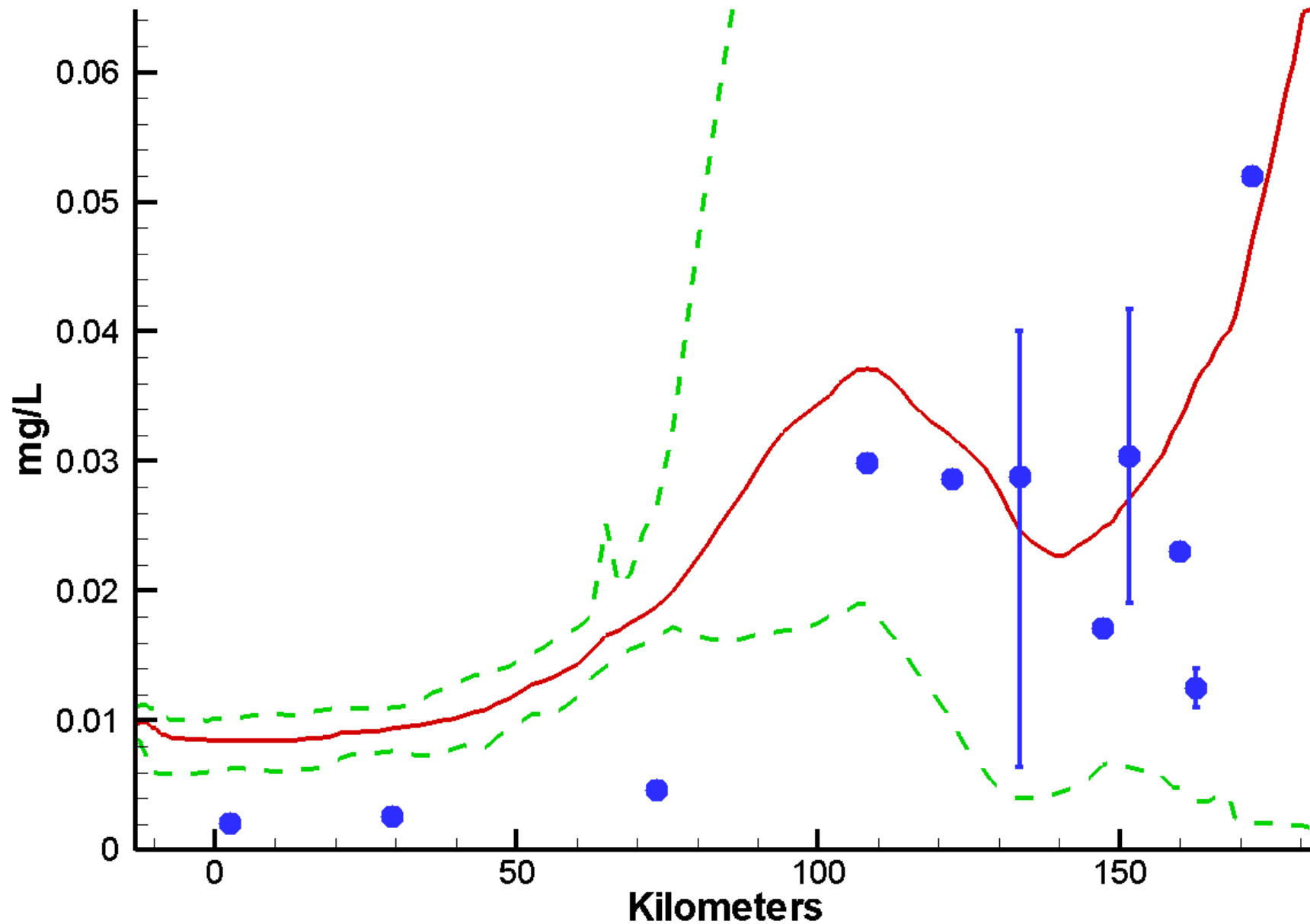
# Potomac River Ches2015 Run118

## Surface Chlorophyll Winter 1999



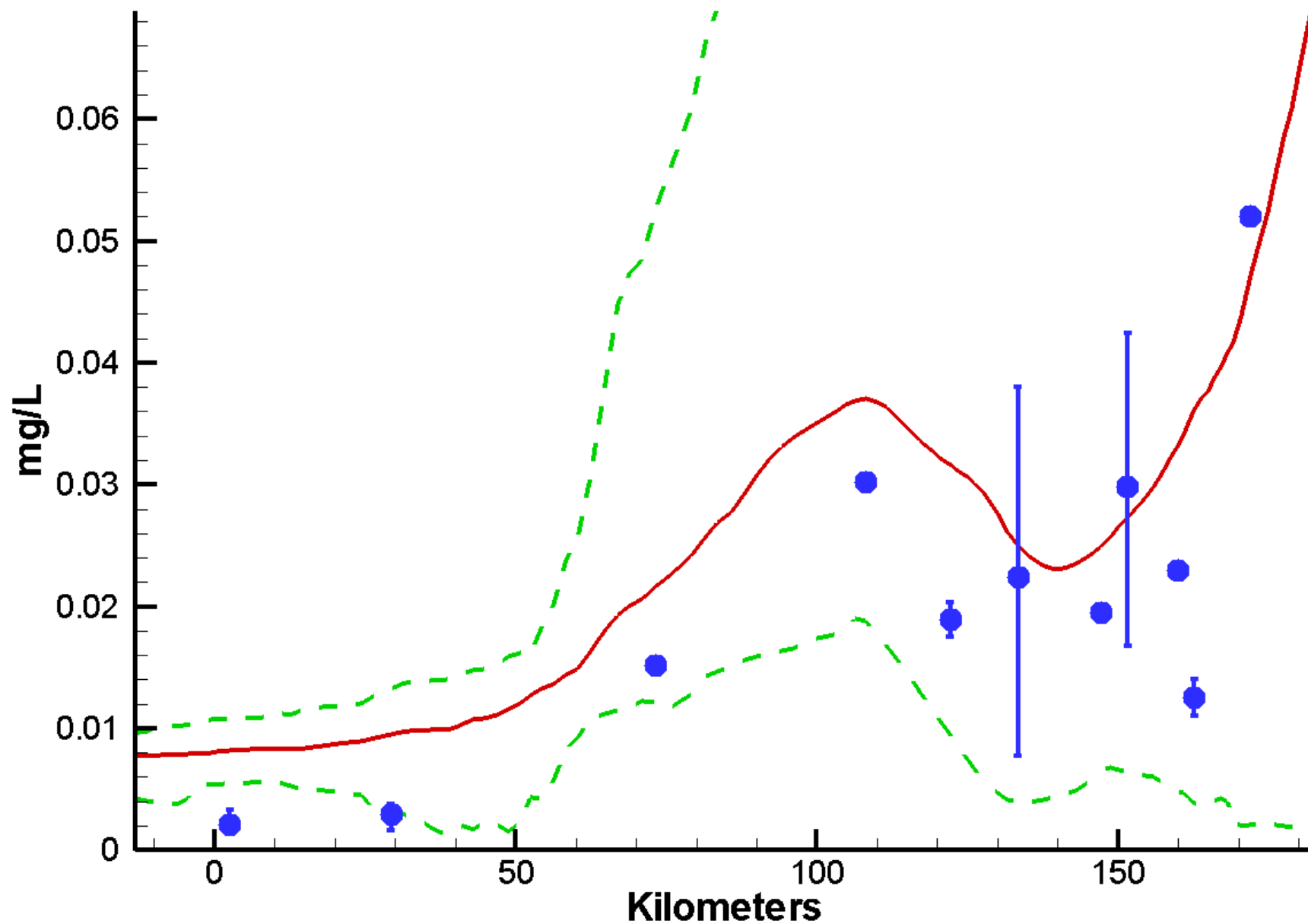
# Potomac River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1999



# Potomac River Ches2015 Run118

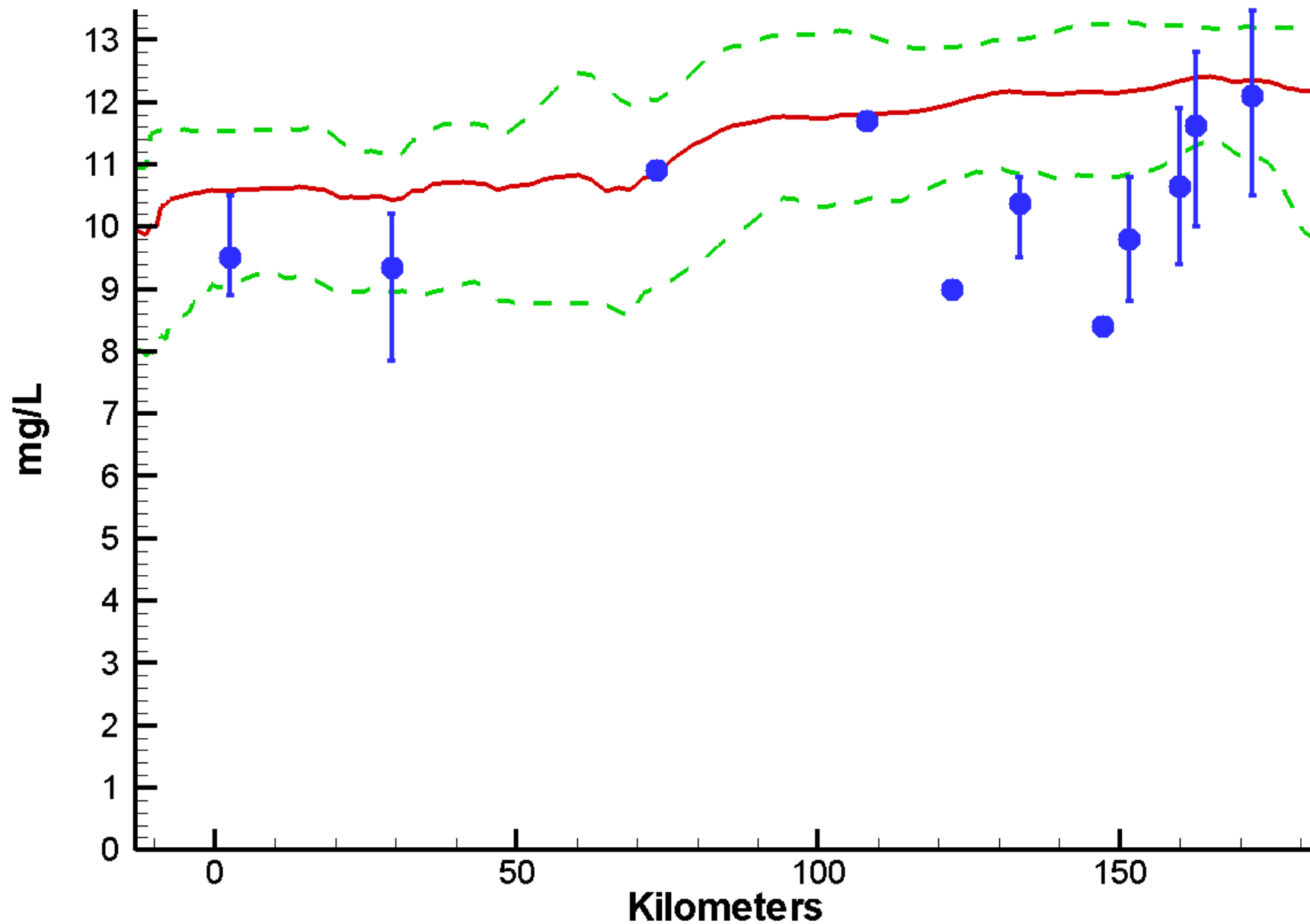
## Surface Dissolved Phosphate Winter 1999





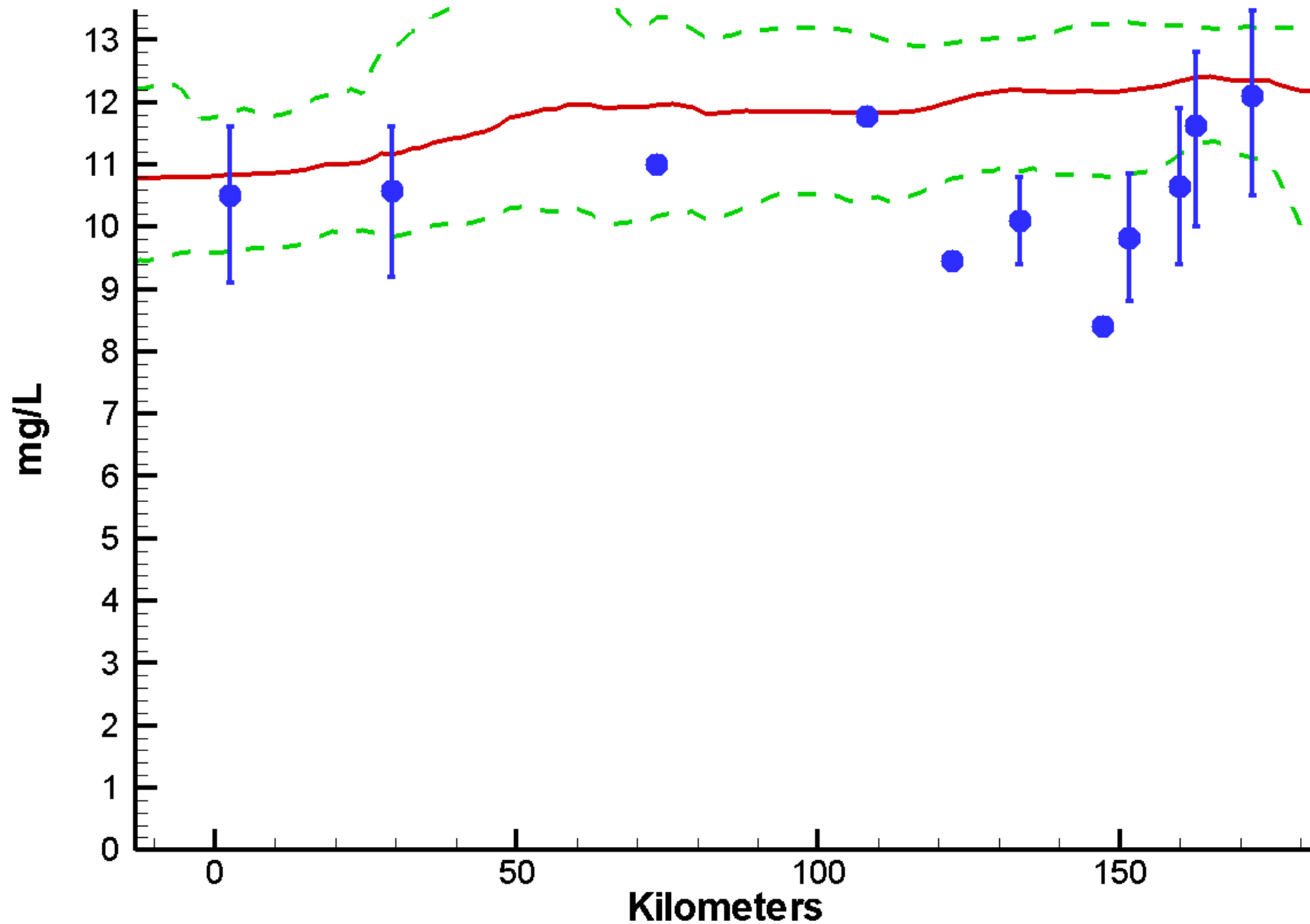
# Potomac River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1999



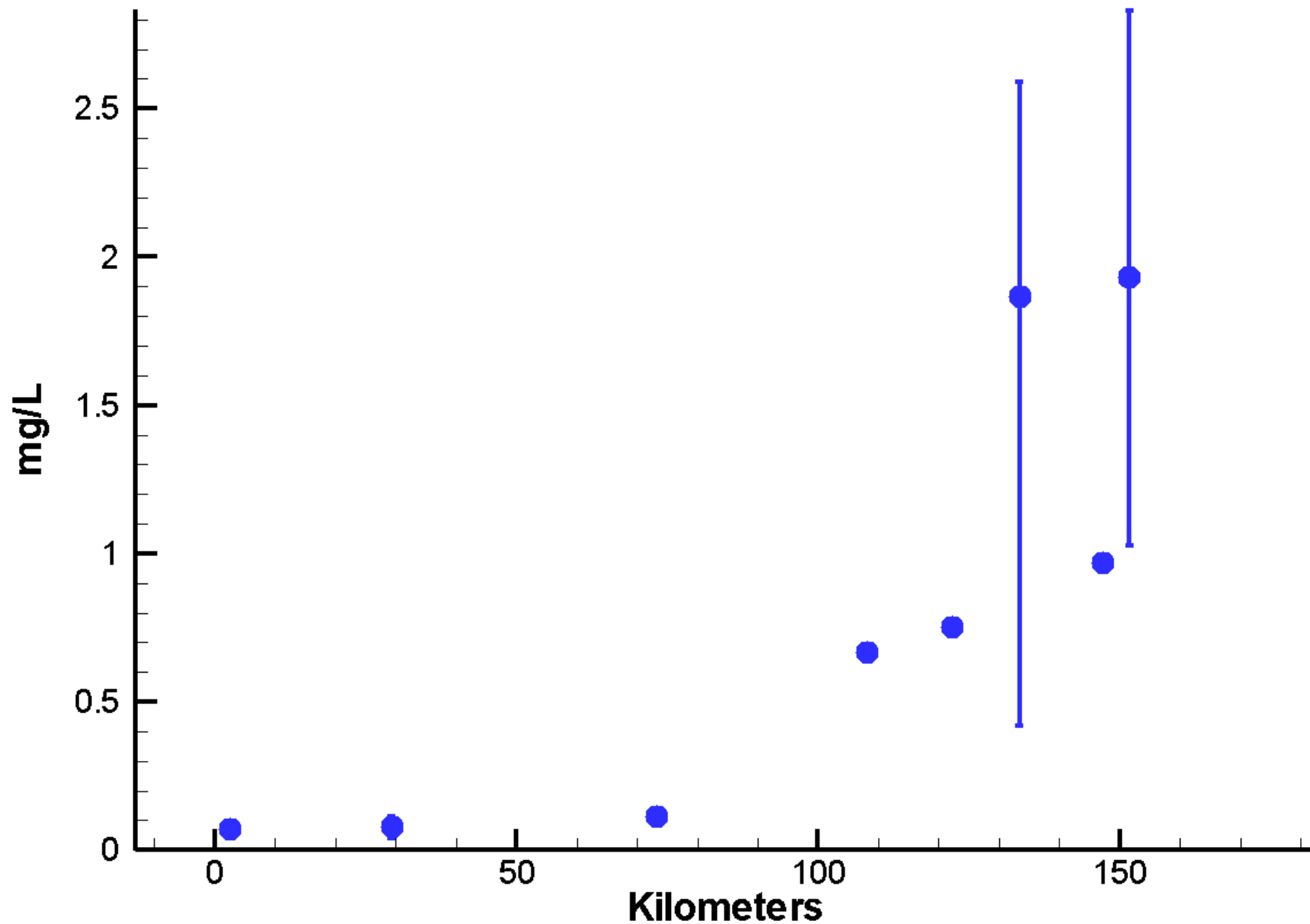
# Potomac River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1999



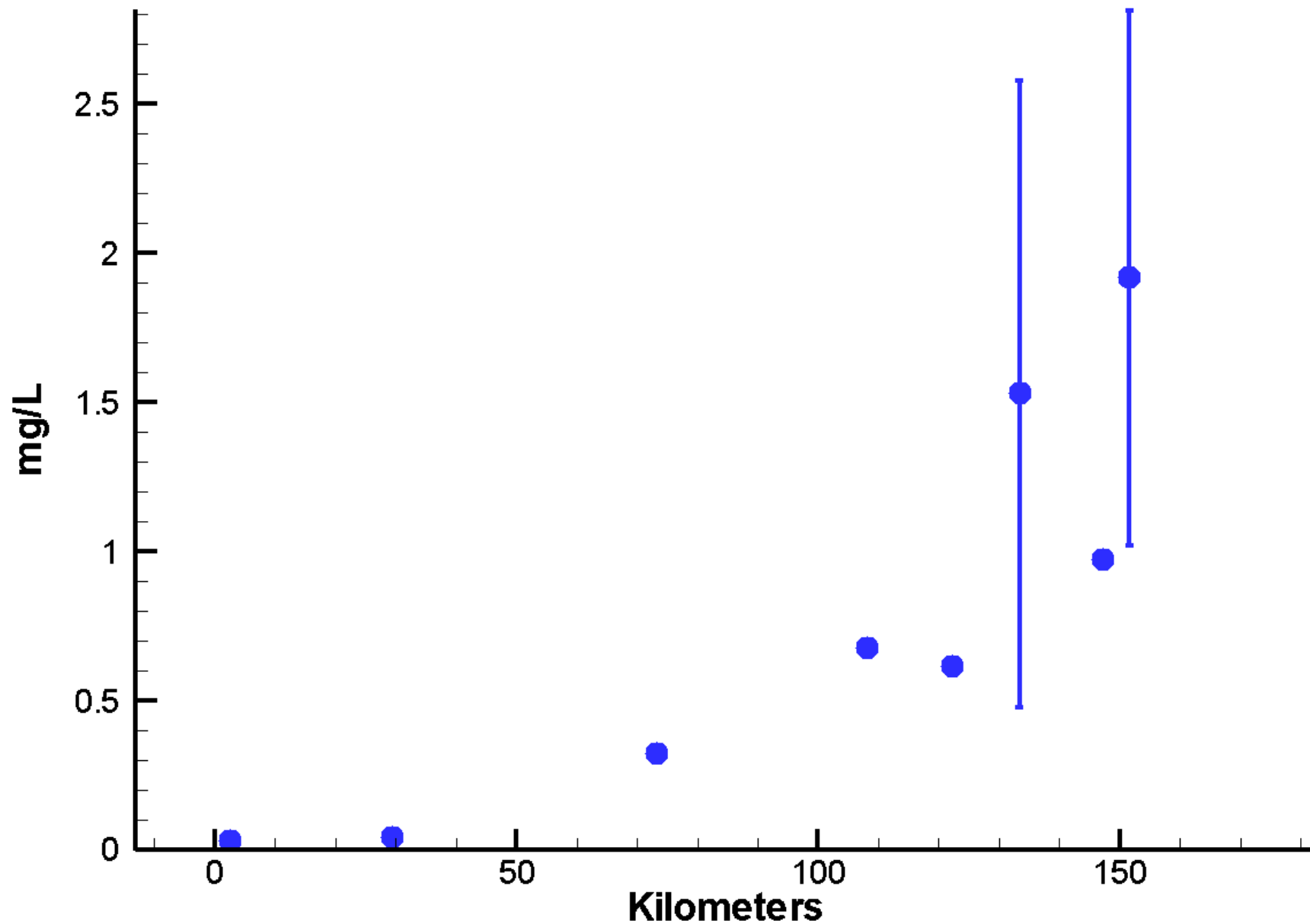
# Potomac River Ches2015 Run118

## Bottom Dissolved Silica Winter 1999

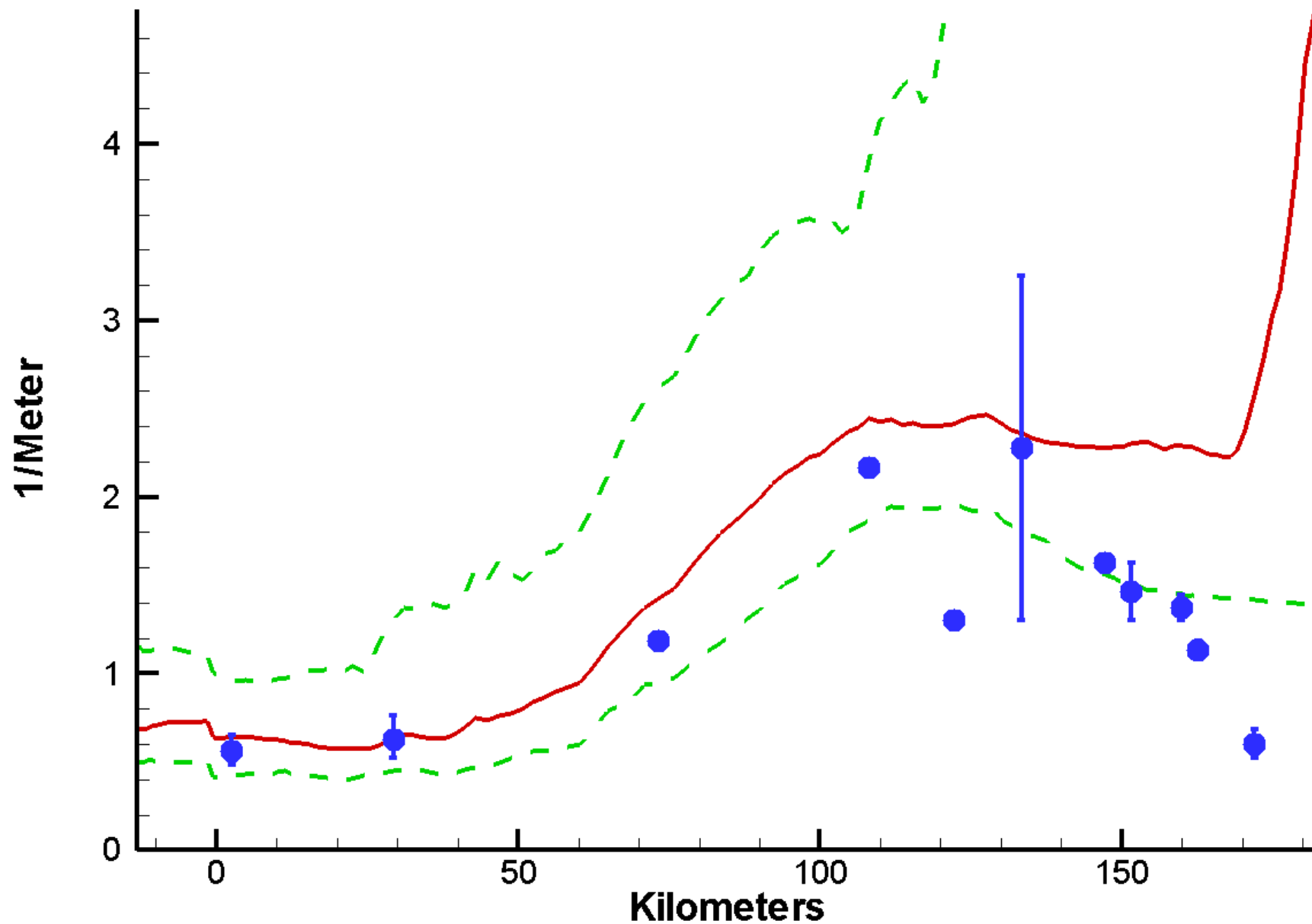


# Potomac River Ches2015 Run118

## Surface Dissolved Silica Winter 1999

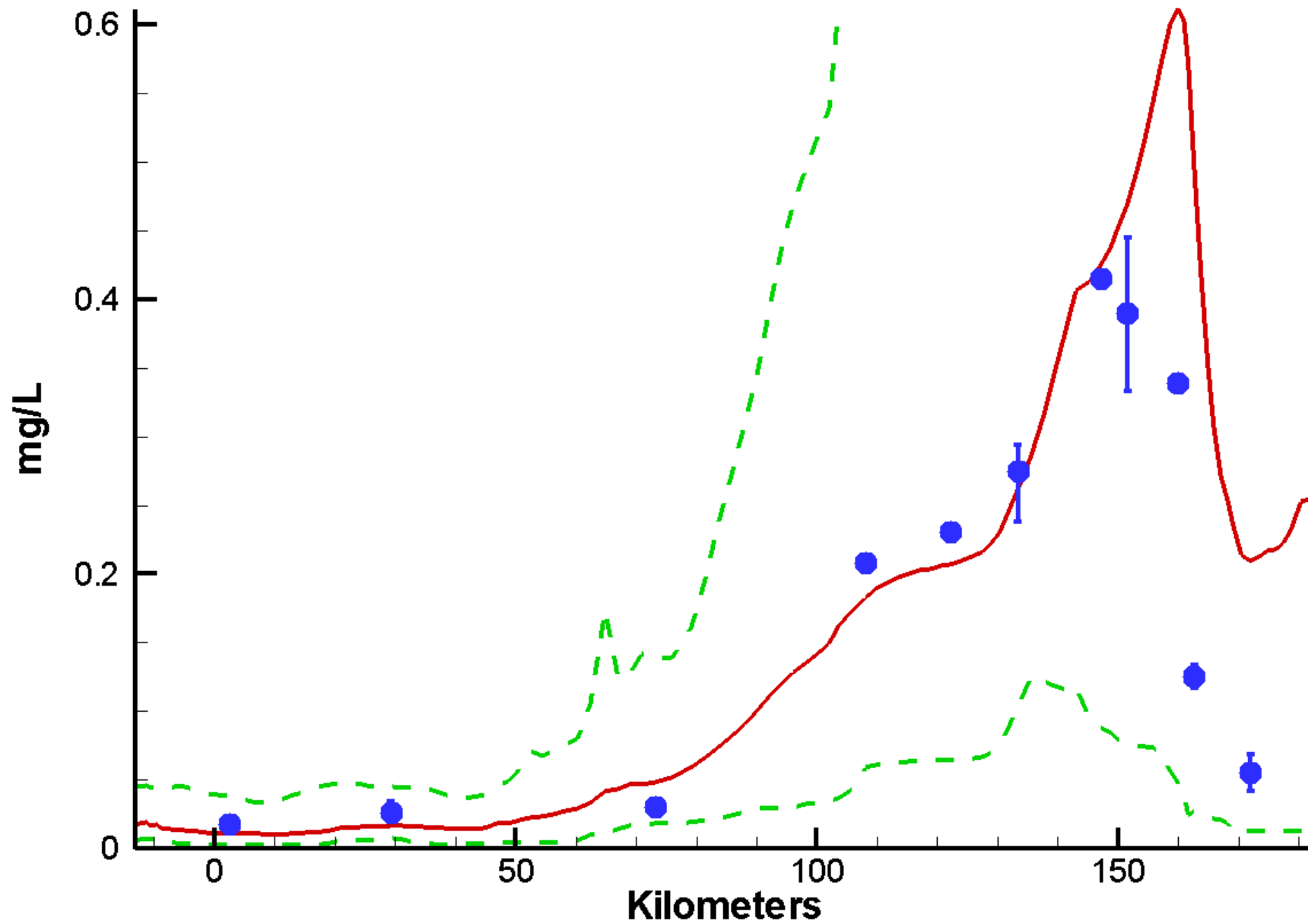


# Potomac River Ches2015 Run118 Surface Light Extinction Winter 1999

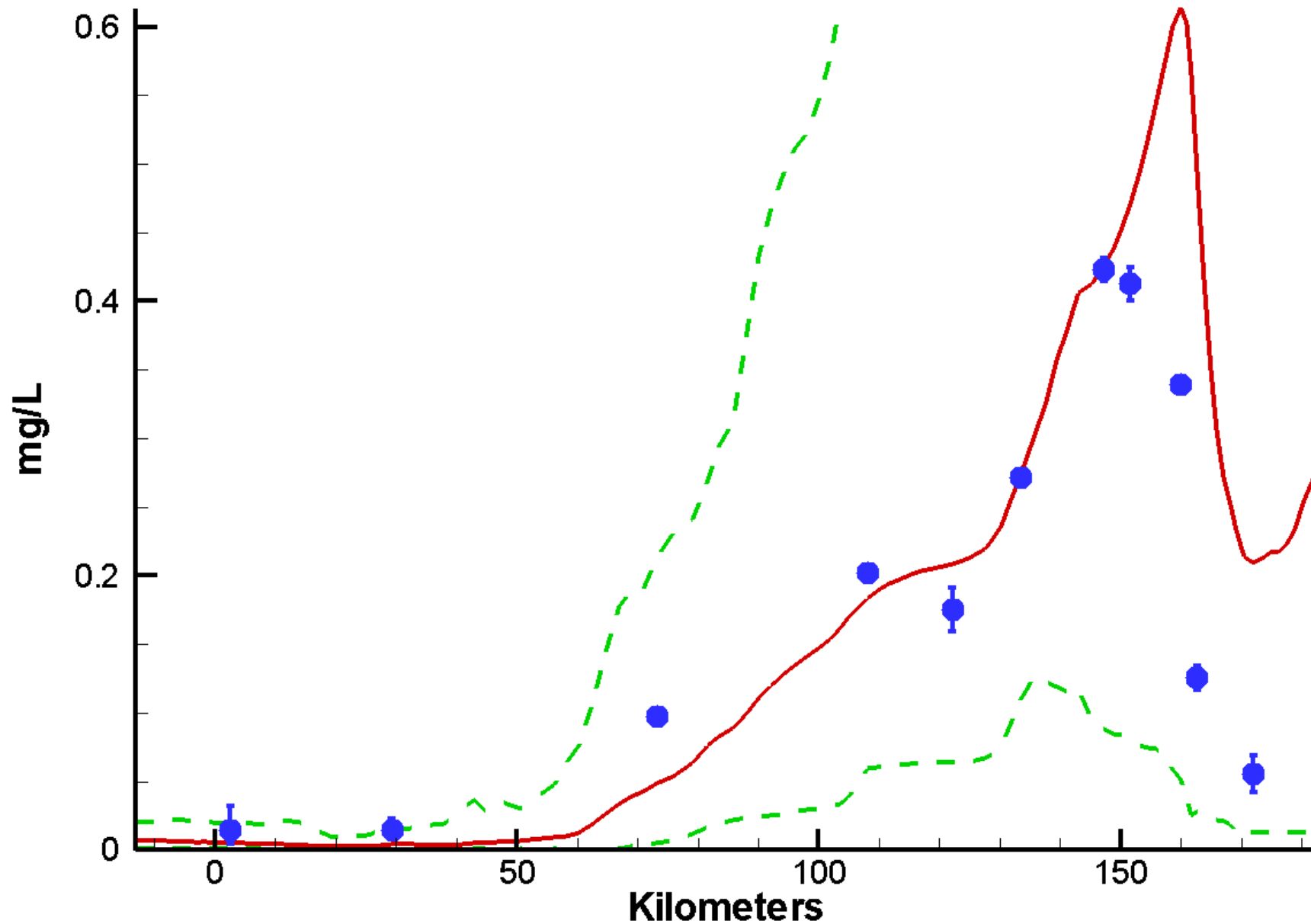


# Potomac River Ches2015 Run118

## Bottom Ammonium Winter 1999

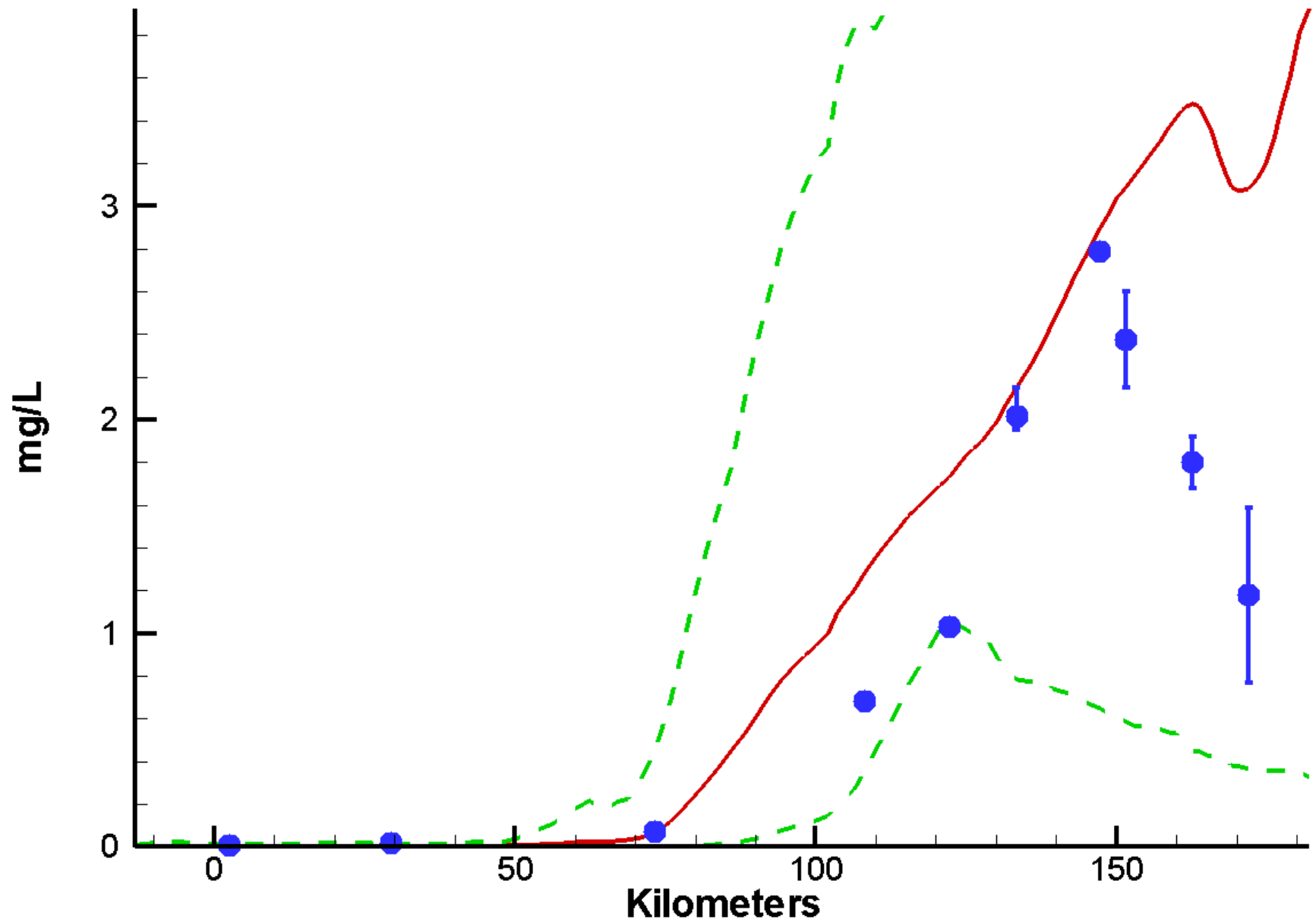


# Potomac River Ches2015 Run118 Surface Ammonium Winter 1999



# Potomac River Ches2015 Run118

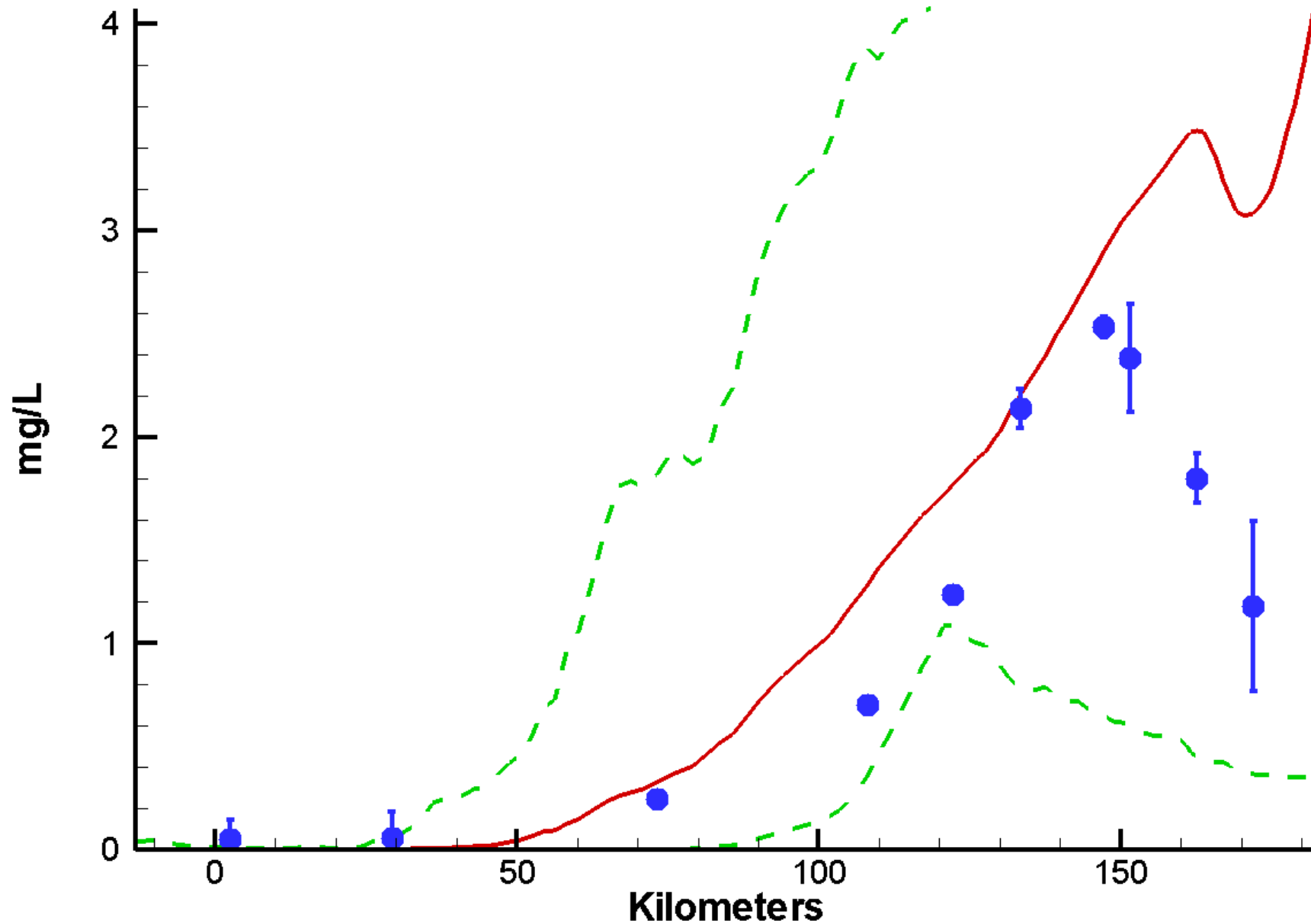
## Bottom Nitrate Winter 1999





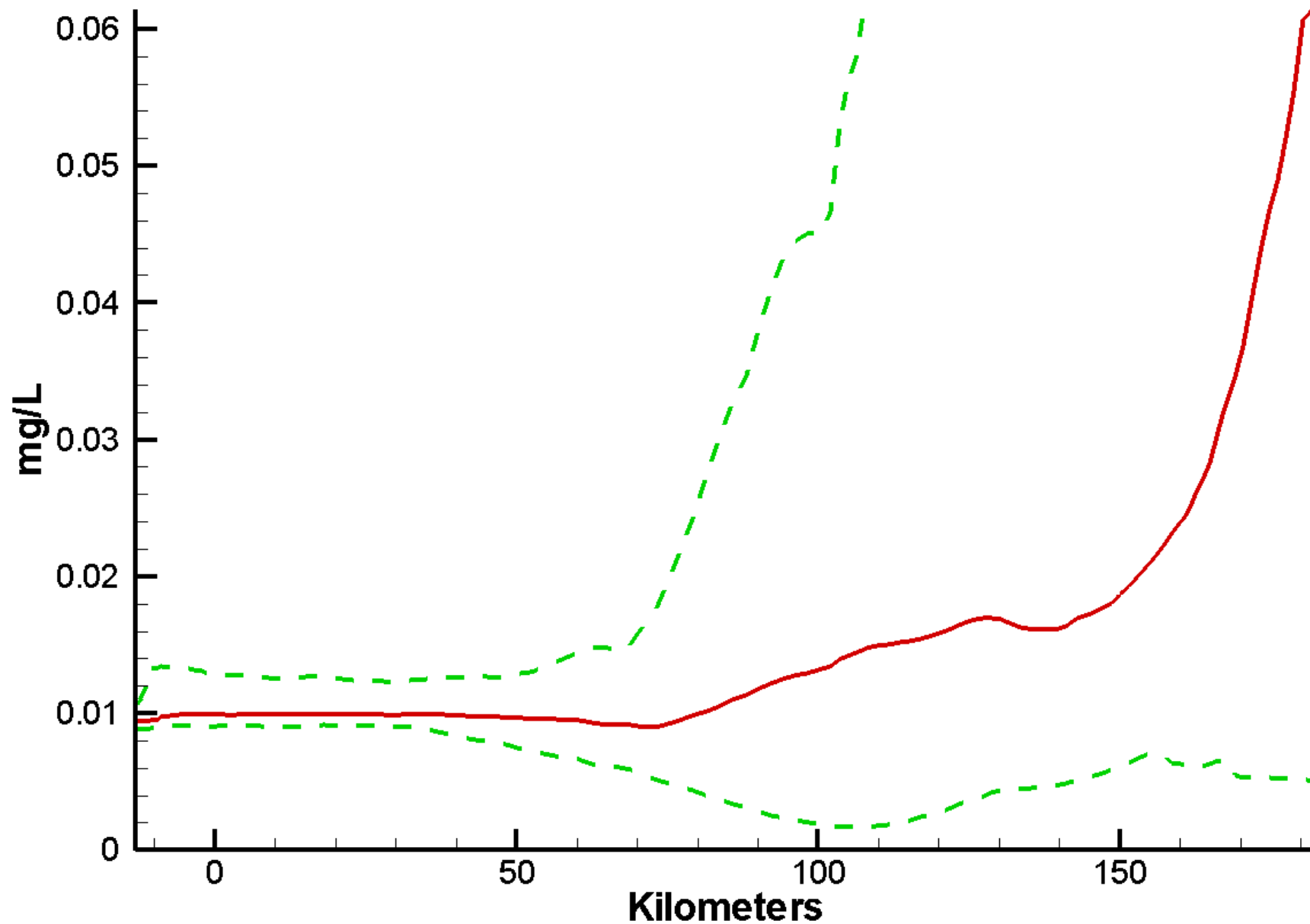
# Potomac River Ches2015 Run118

## Surface Nitrate Winter 1999



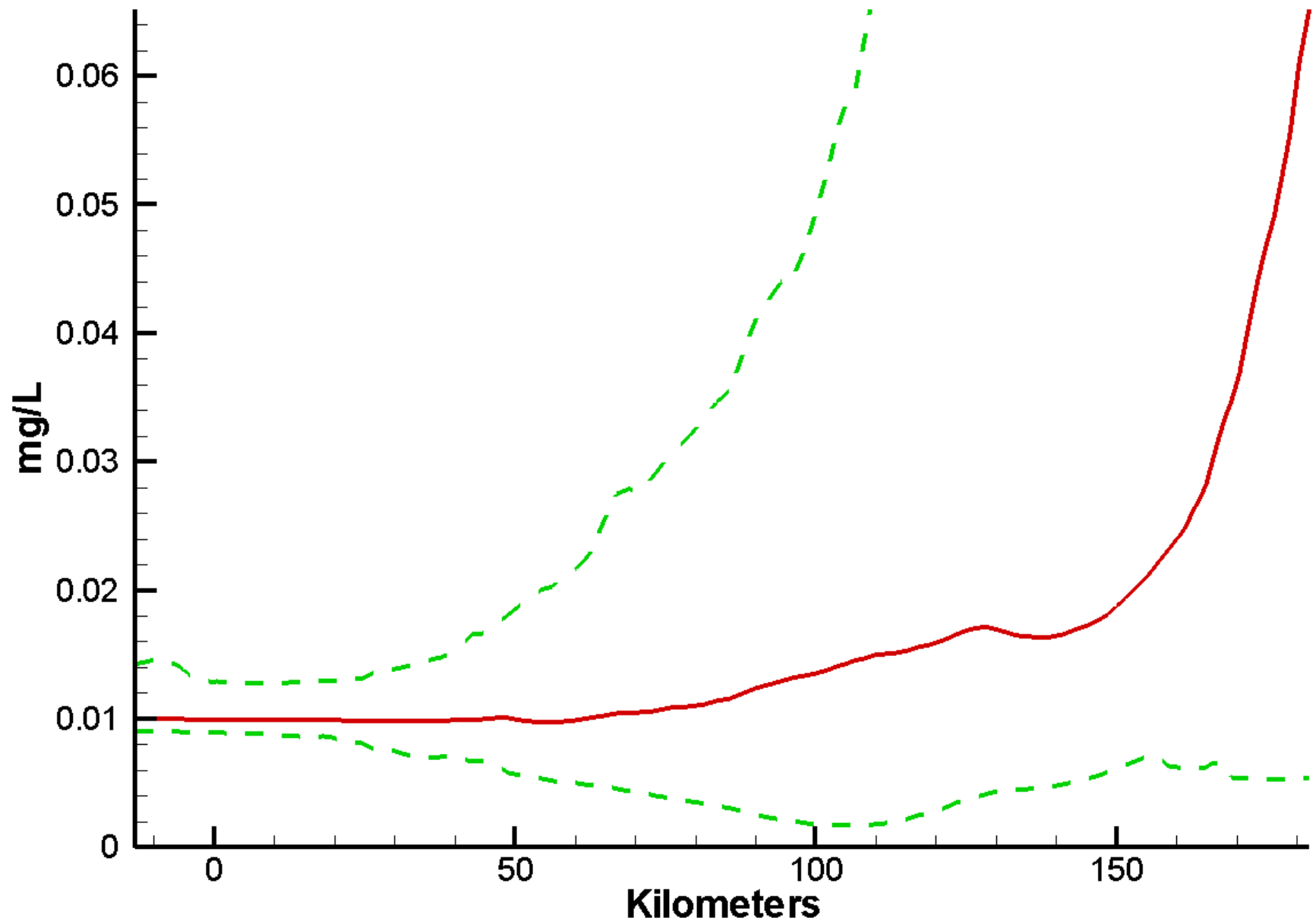
# Potomac River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1999



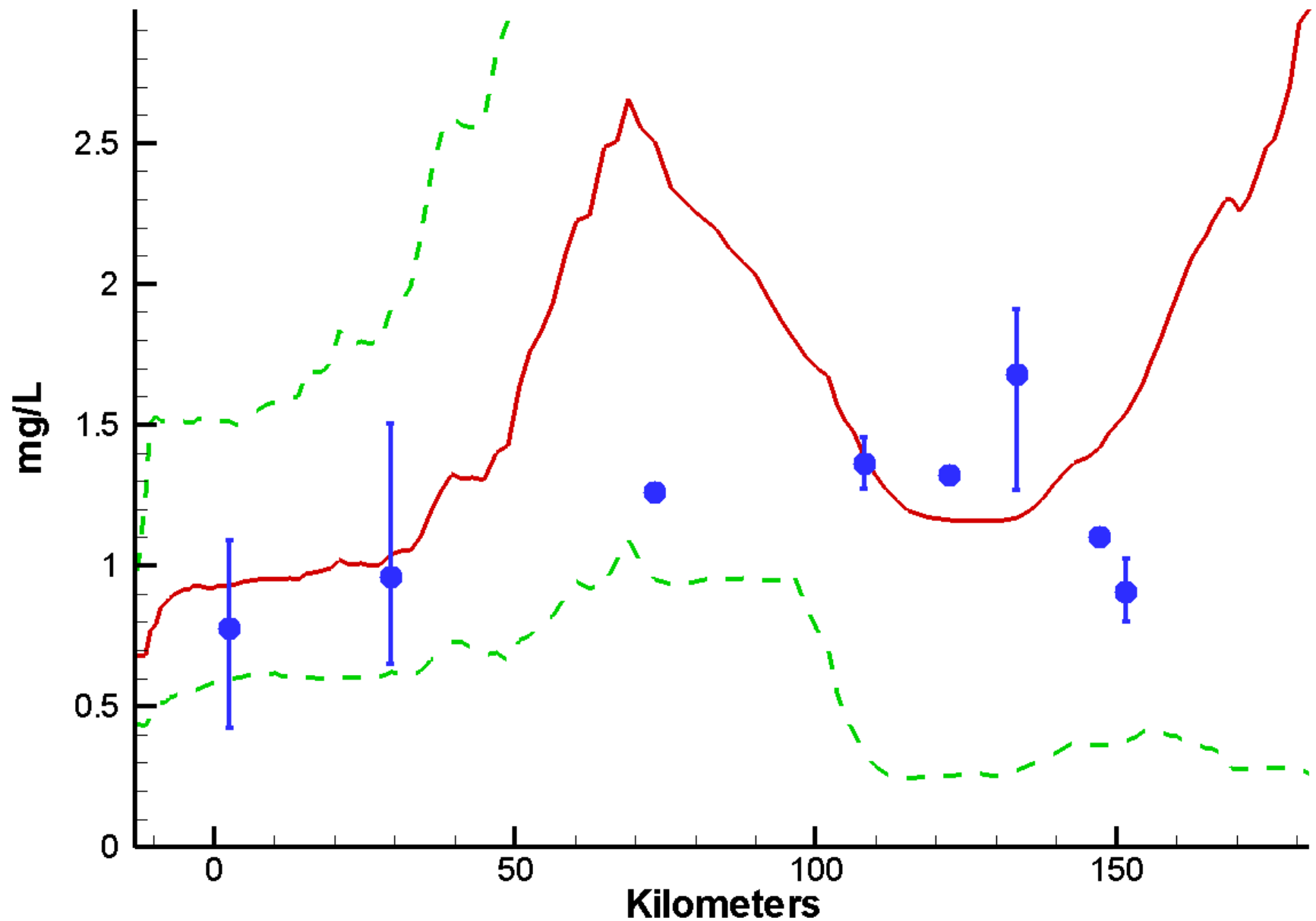
# Potomac River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1999



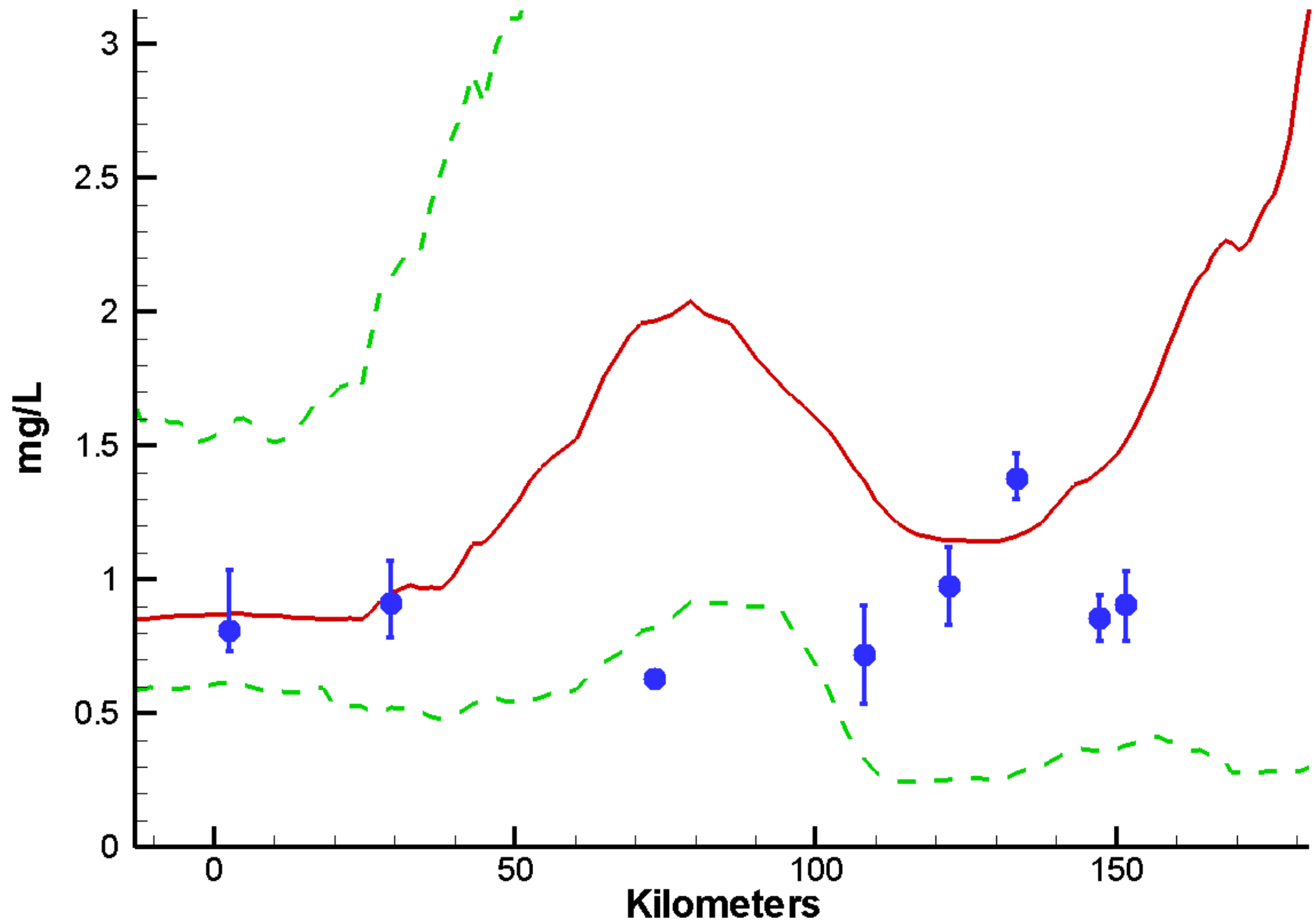
# Potomac River Ches2015 Run118

## Bottom Particulate Organic Carbon Winter 1999



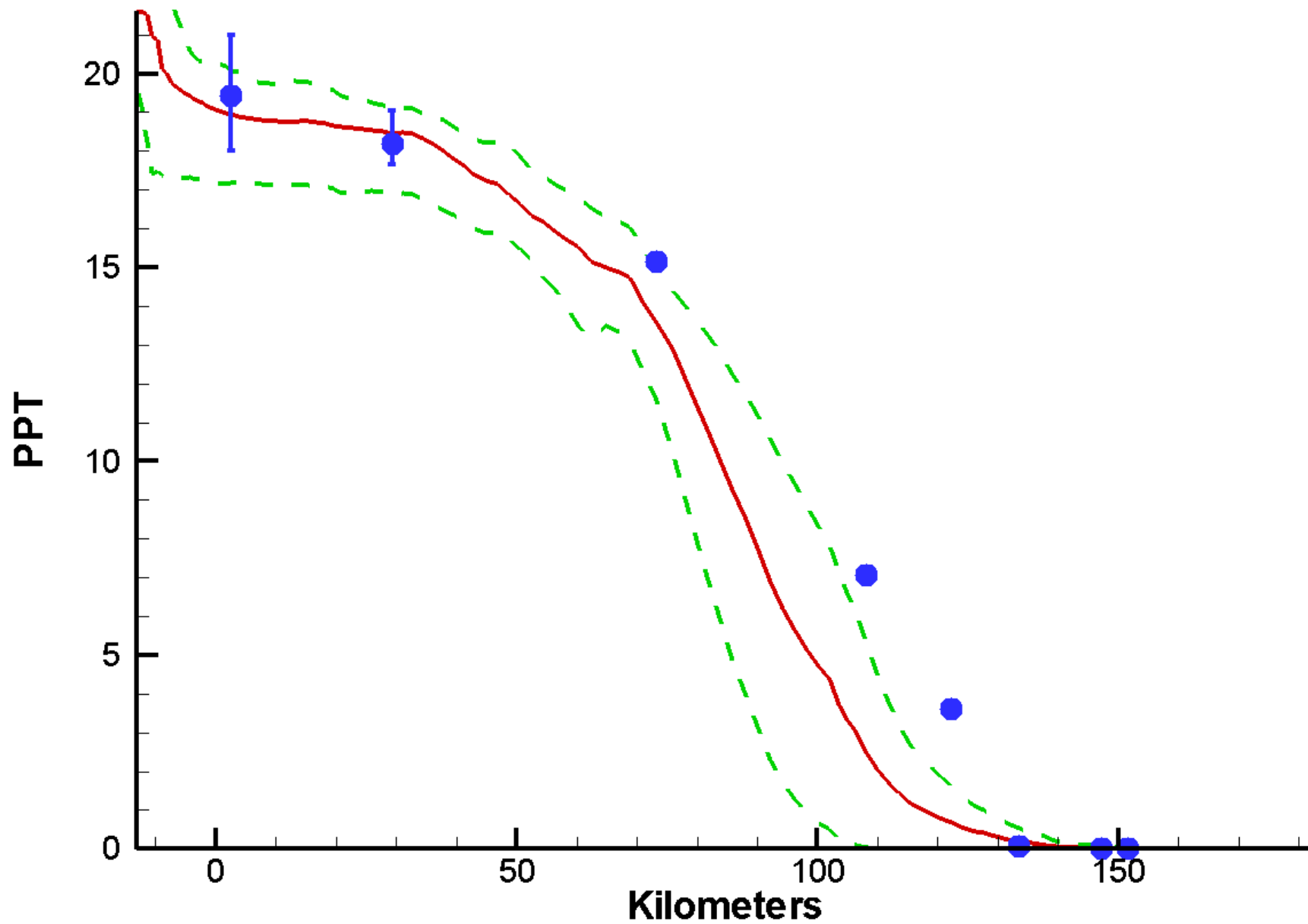
# Potomac River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1999



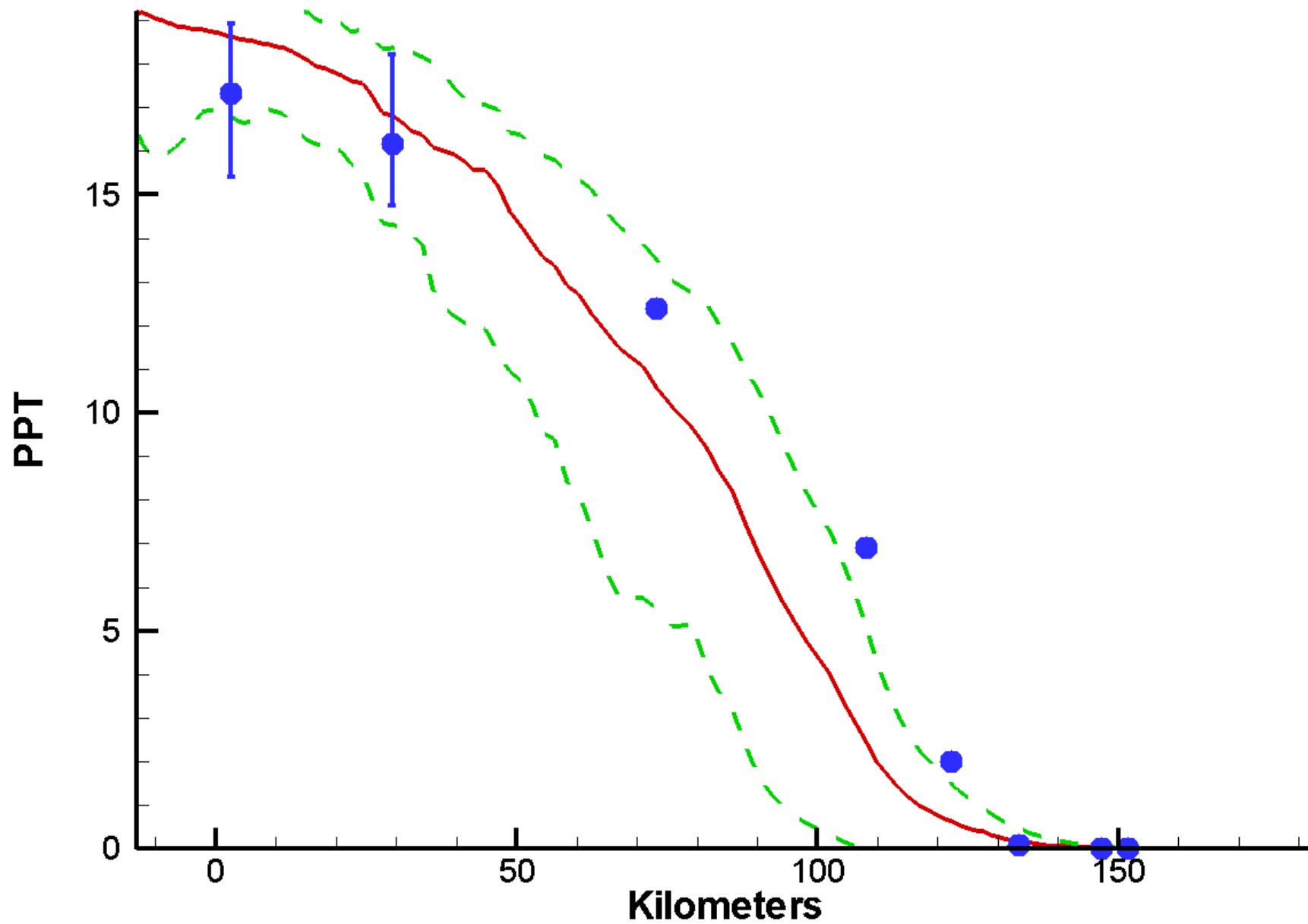
# Potomac River Ches2015 Run118

## Bottom Salinity Winter 1999

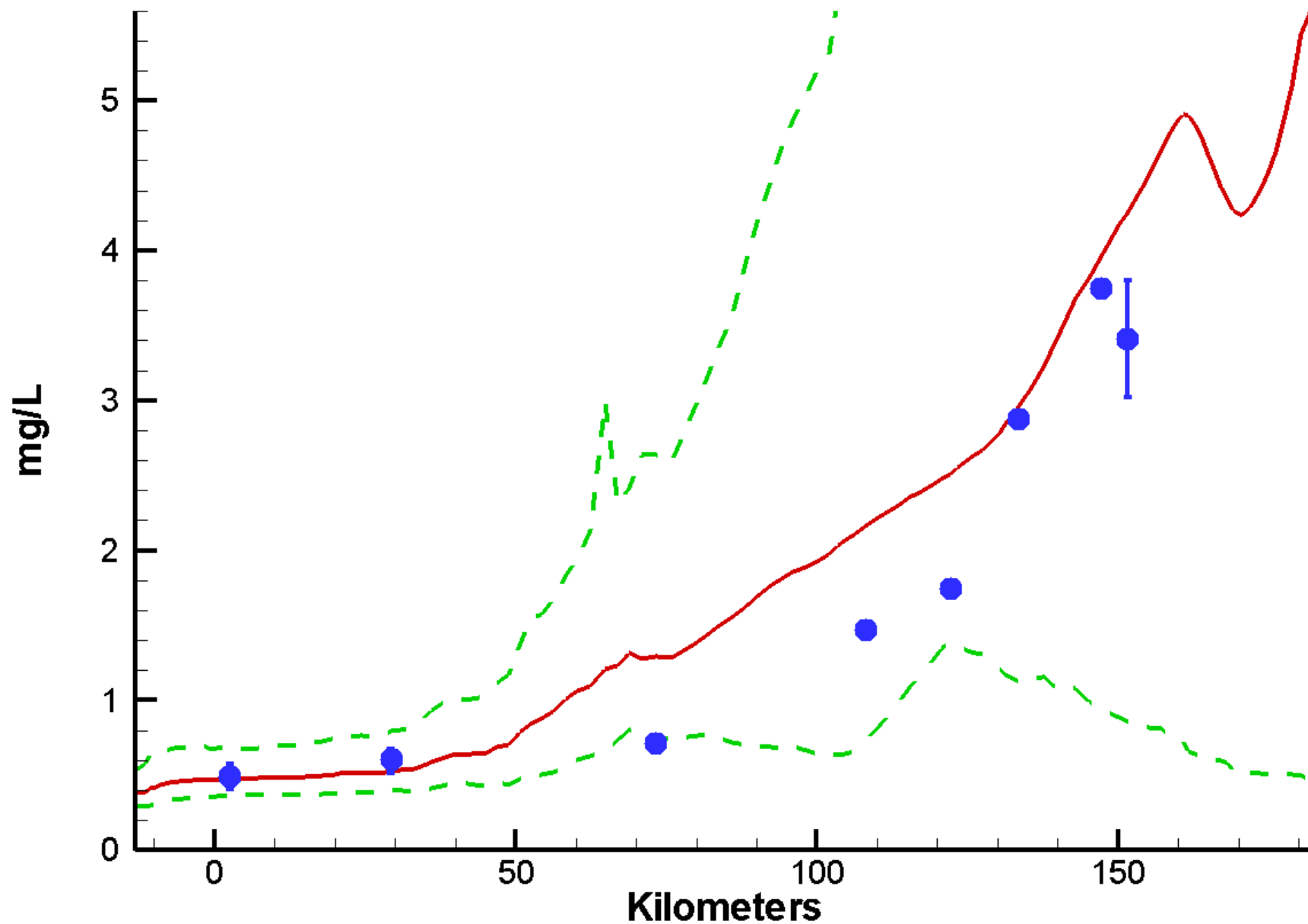


# Potomac River Ches2015 Run118

## Surface Salinity Winter 1999

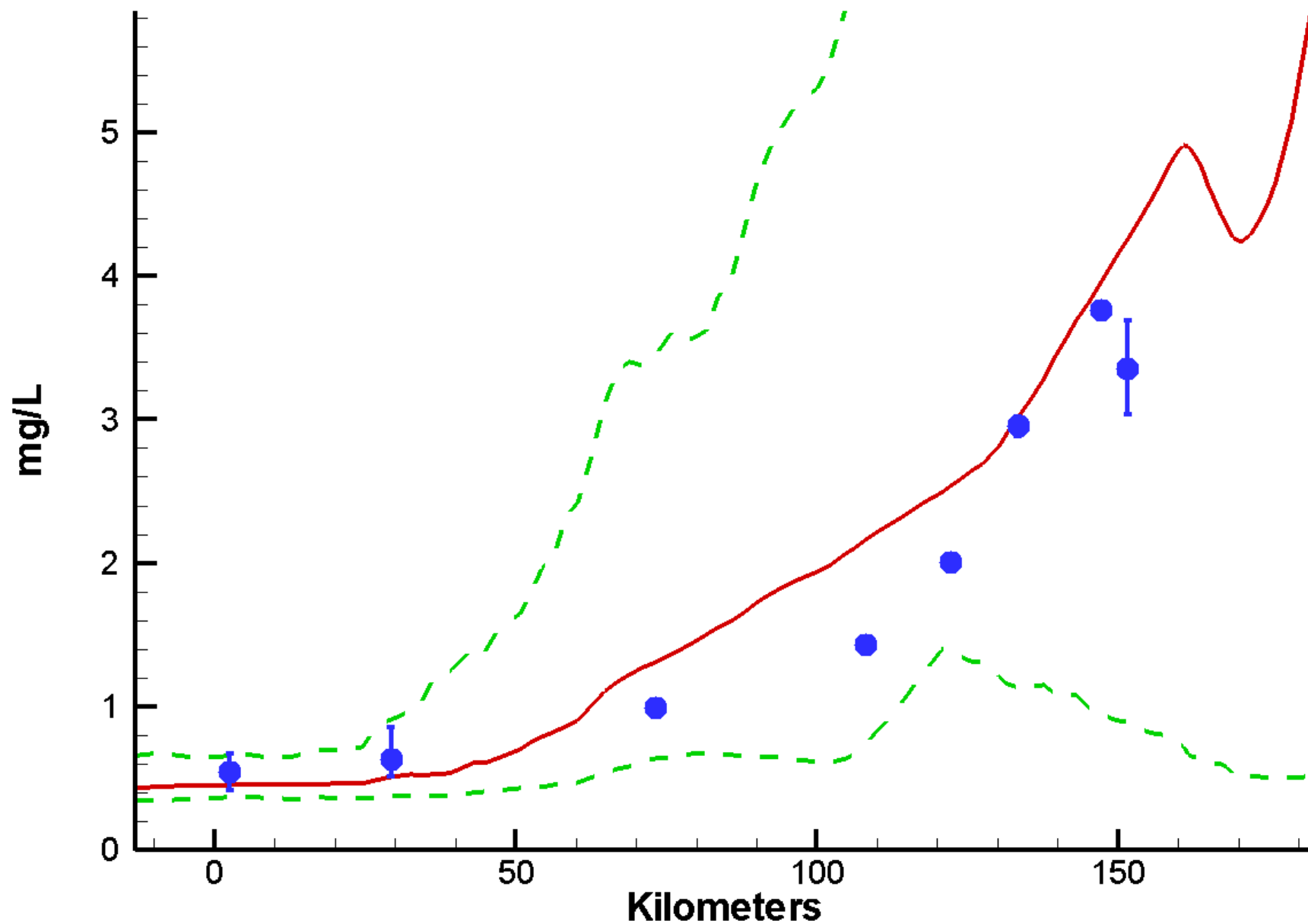


# Potomac River Ches2015 Run118 Bottom Total Nitrogen Winter 1999



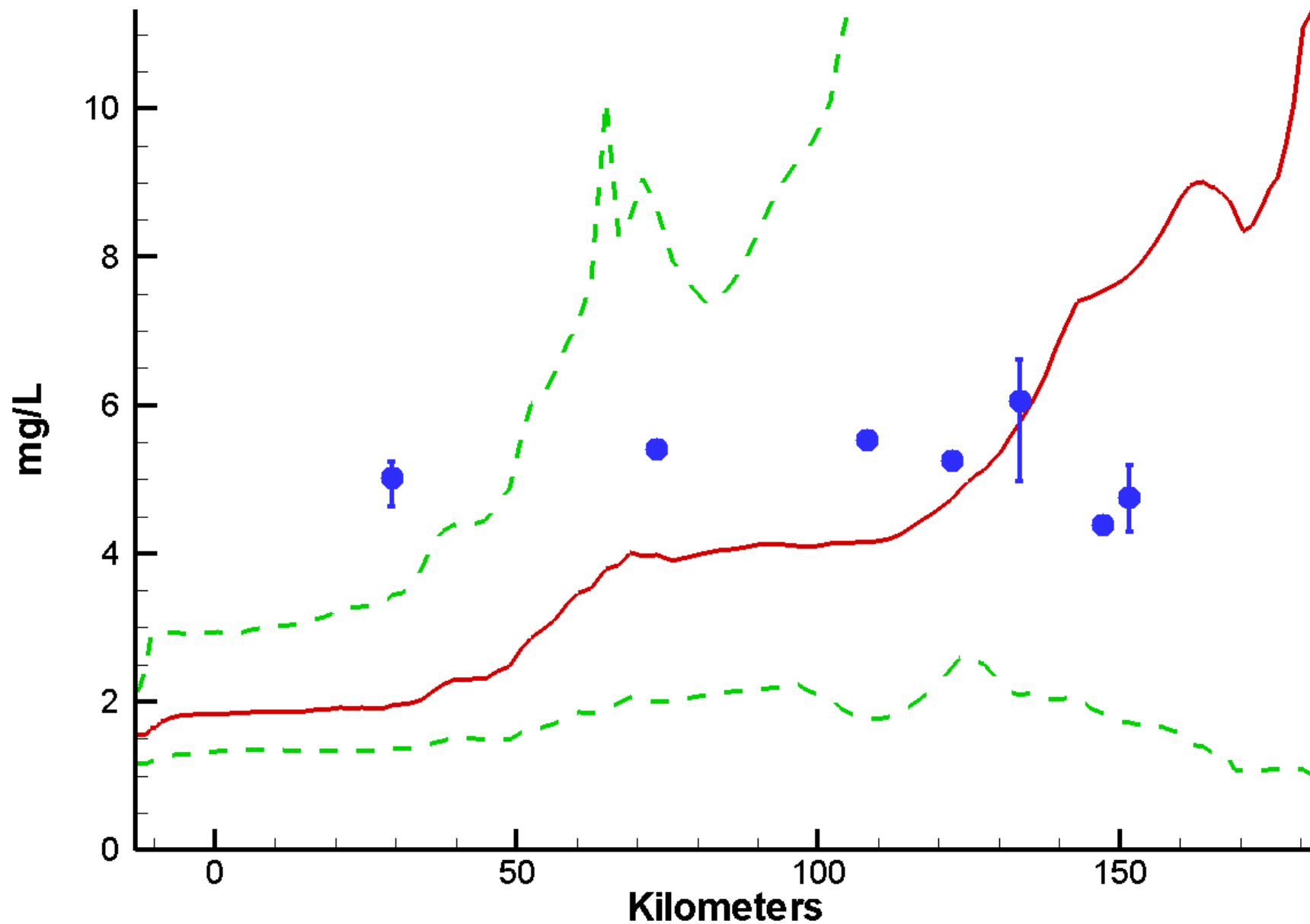


# Potomac River Ches2015 Run118 Surface Total Nitrogen Winter 1999



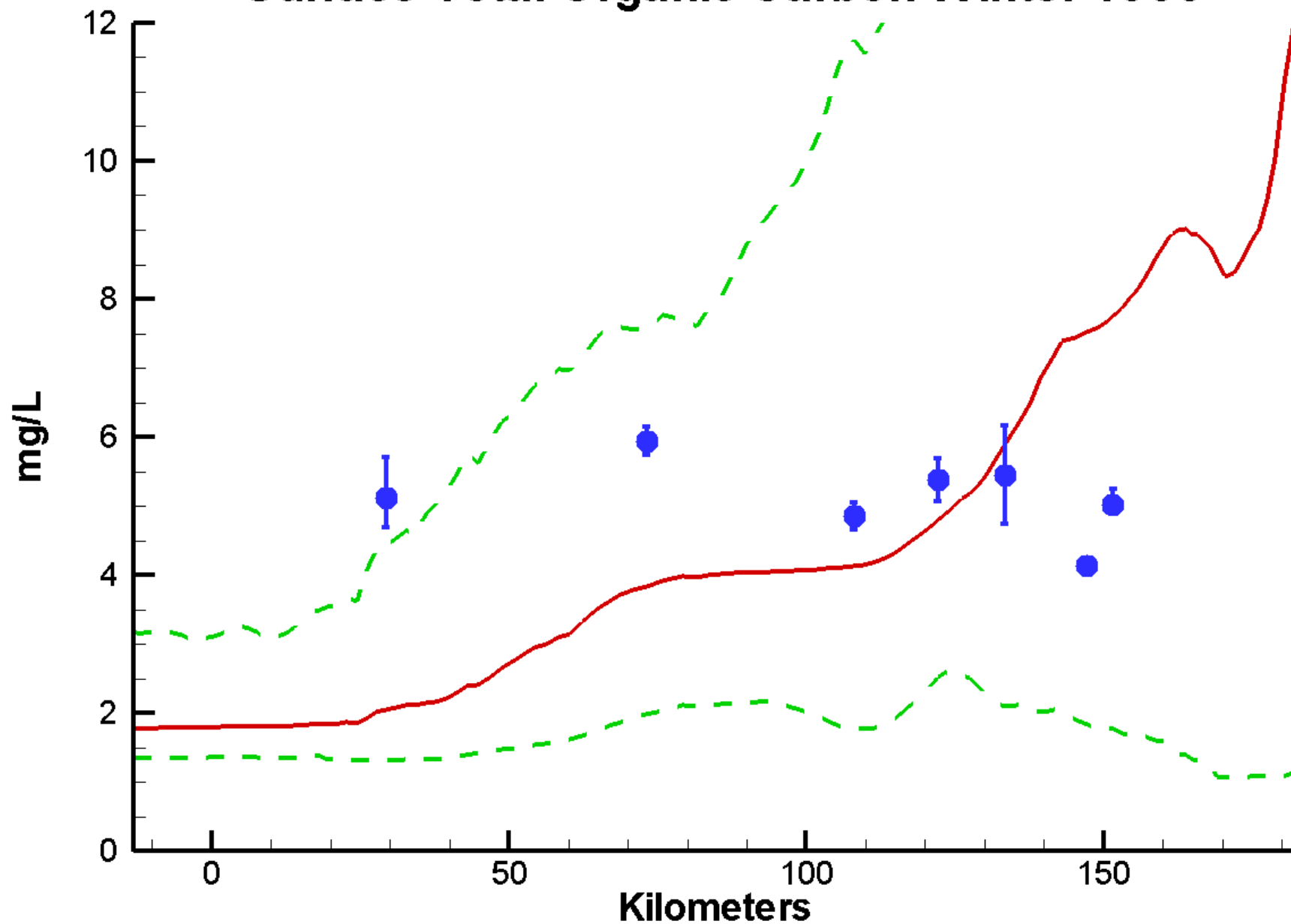
# Potomac River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1999



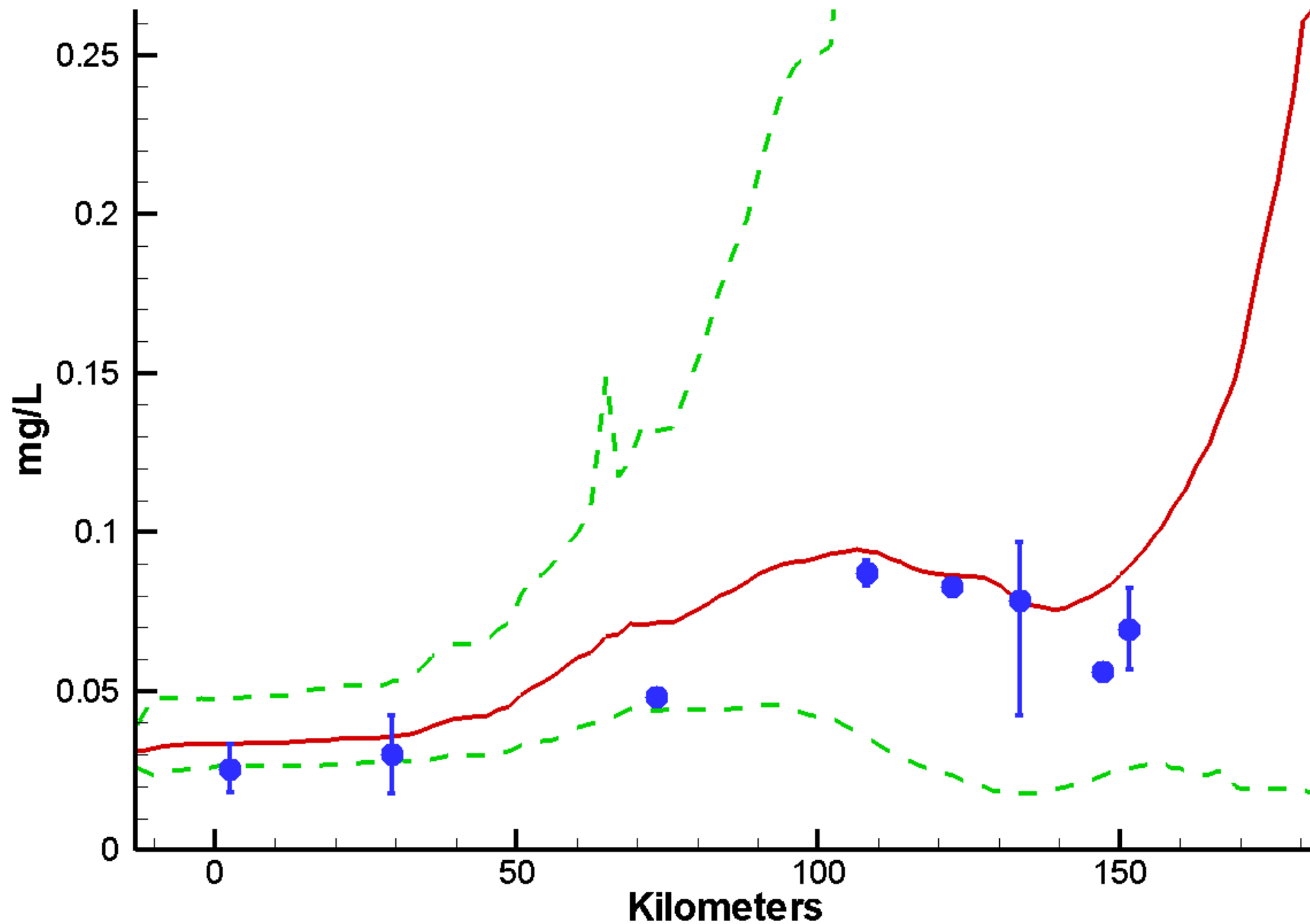
# Potomac River Ches2015 Run118

## Surface Total Organic Carbon Winter 1999



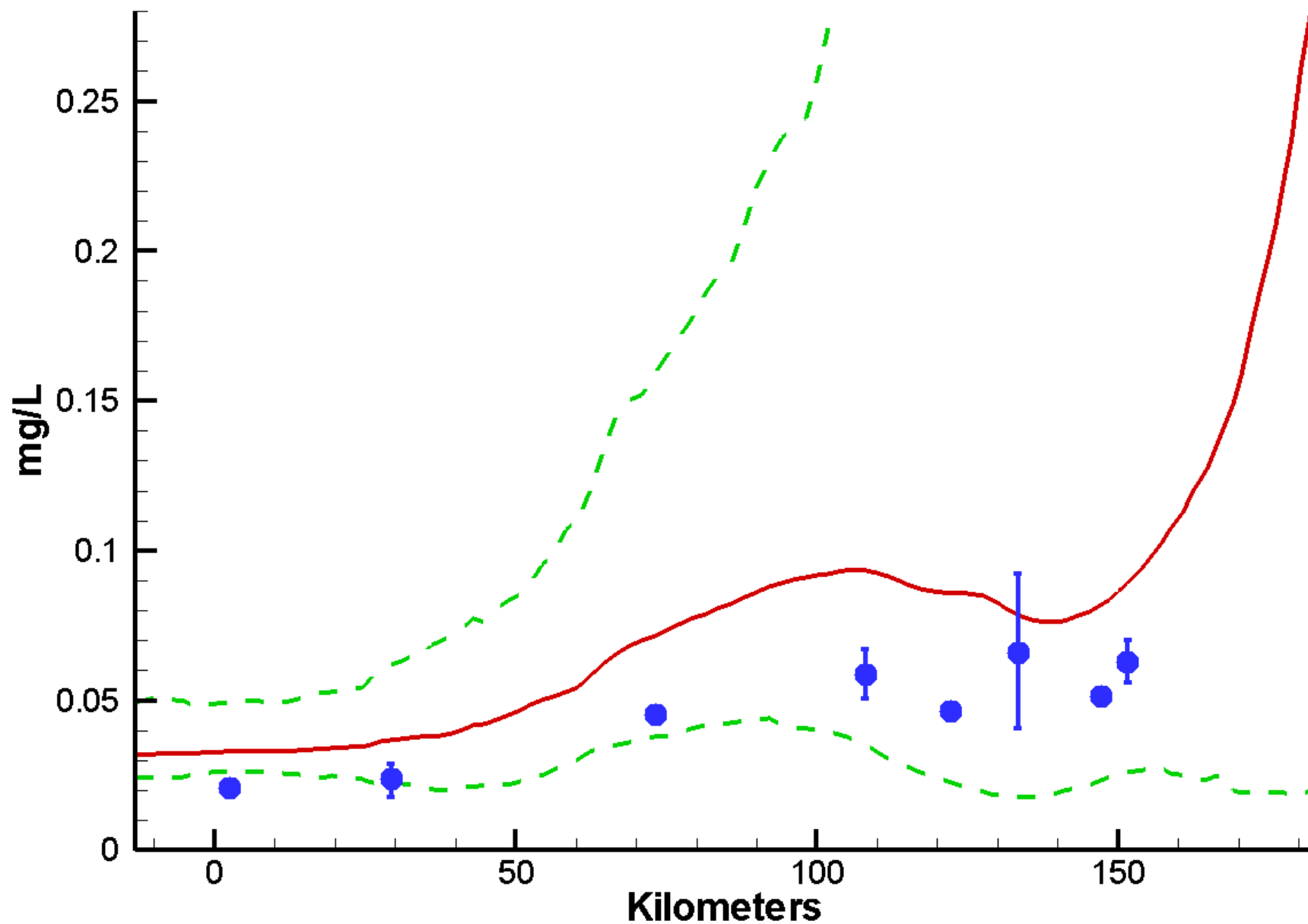
# Potomac River Ches2015 Run118

## Bottom Total Phosphorus Winter 1999



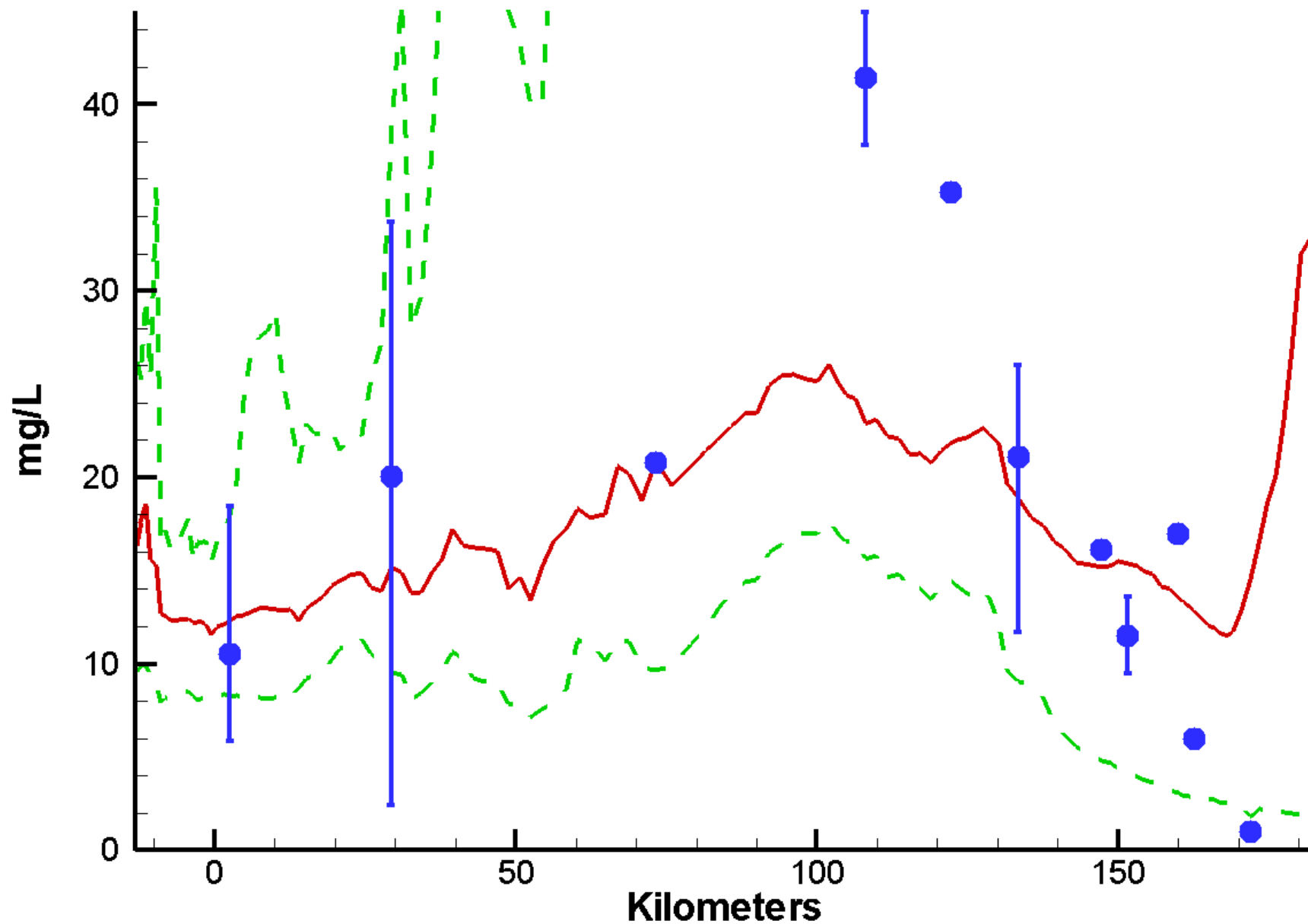
# Potomac River Ches2015 Run118

## Surface Total Phosphorus Winter 1999



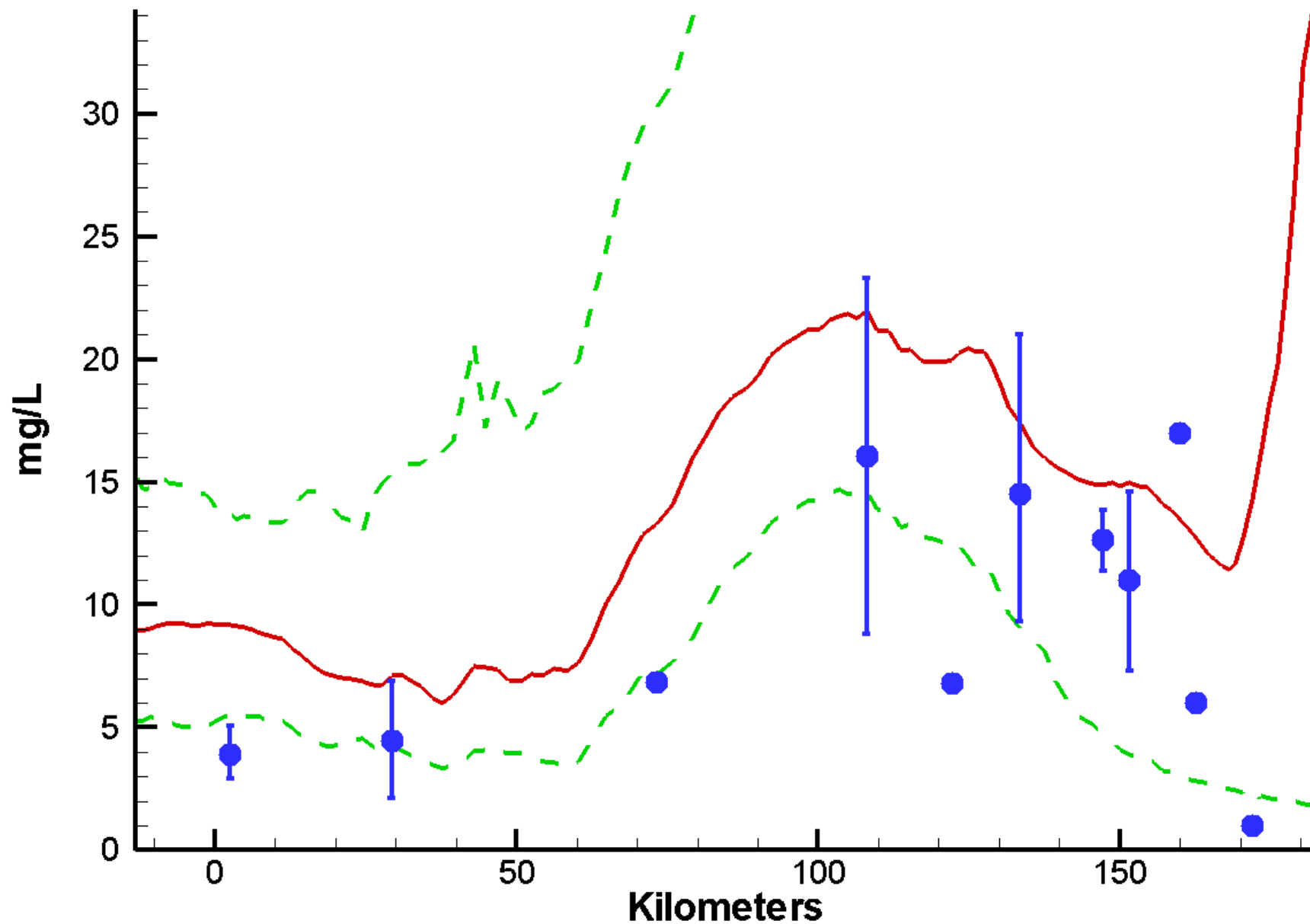
# Potomac River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1999



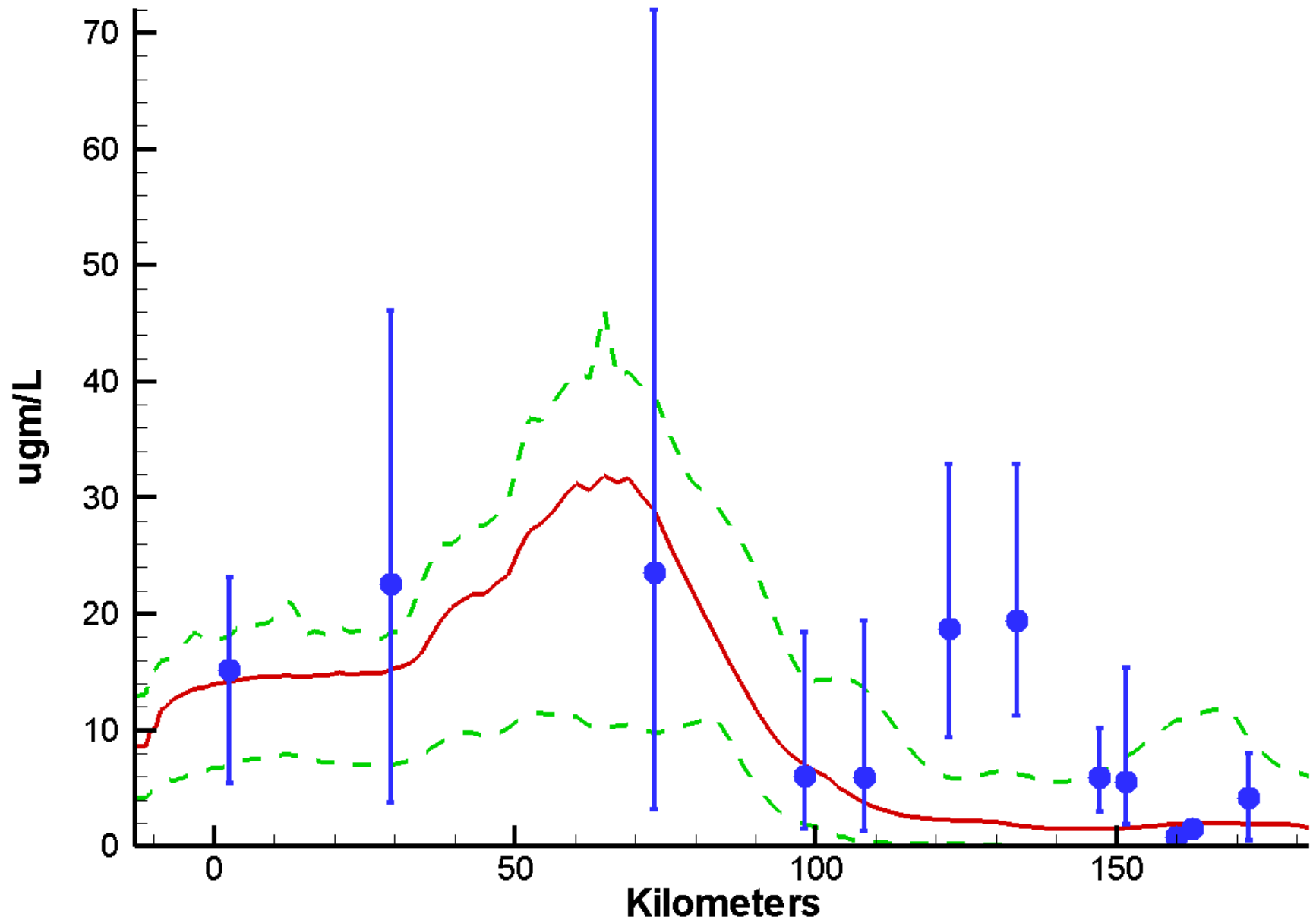
# Potomac River Ches2015 Run118

## Surface Total Suspended Solids Winter 1999



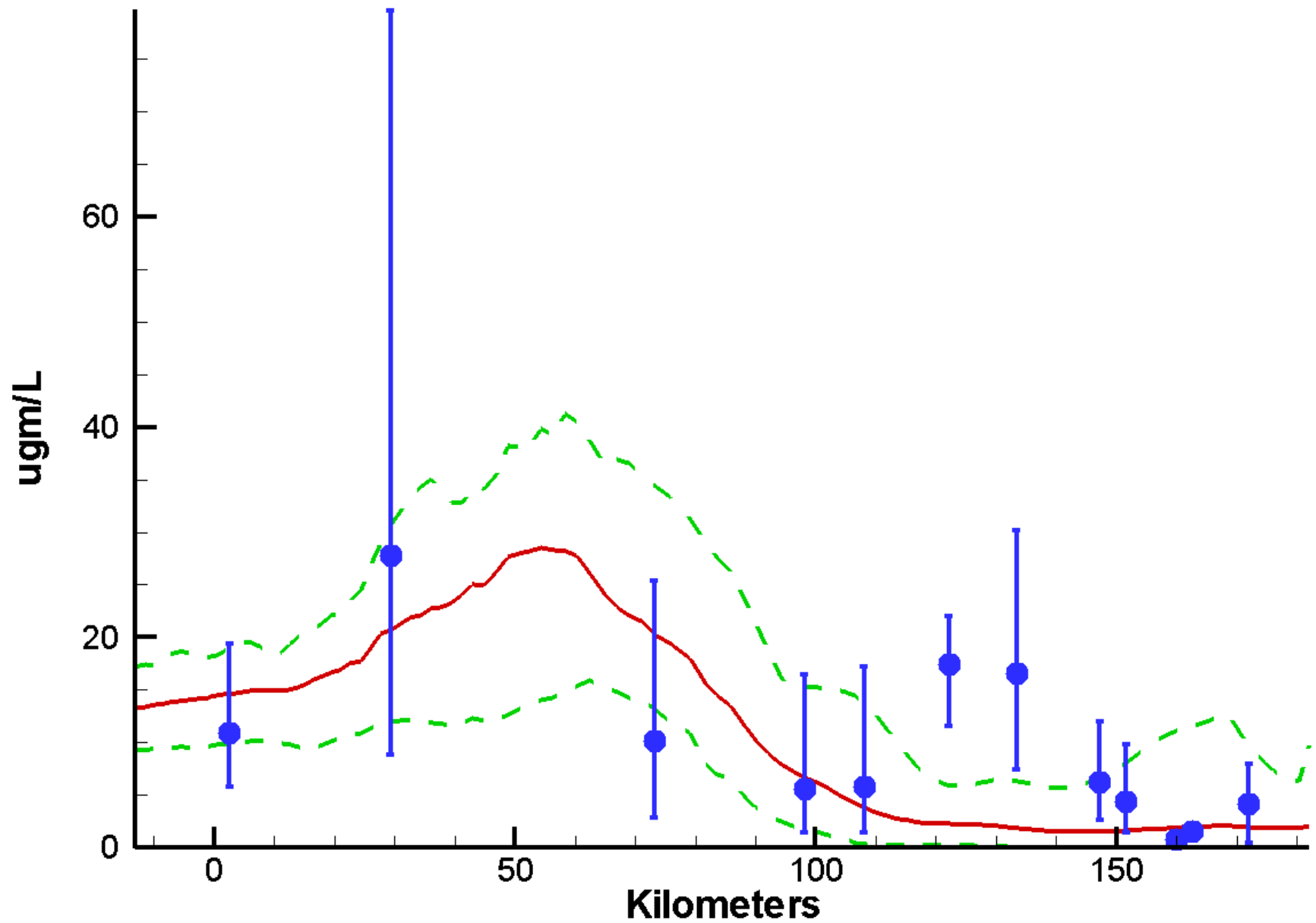
# Potomac River Ches2015 Run118

## Bottom Chlorophyll Spring 1999



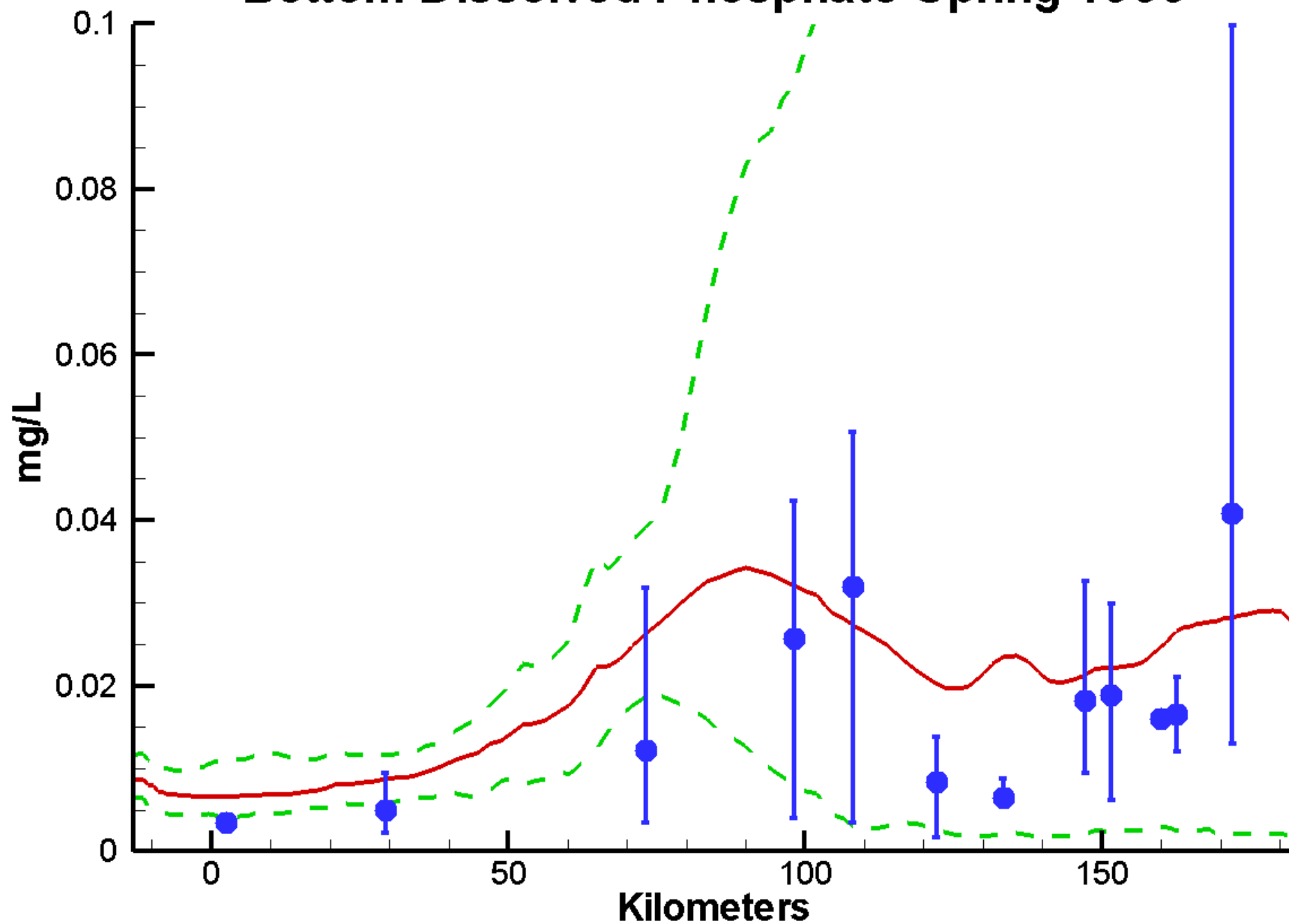


# Potomac River Ches2015 Run118 Surface Chlorophyll Spring 1999



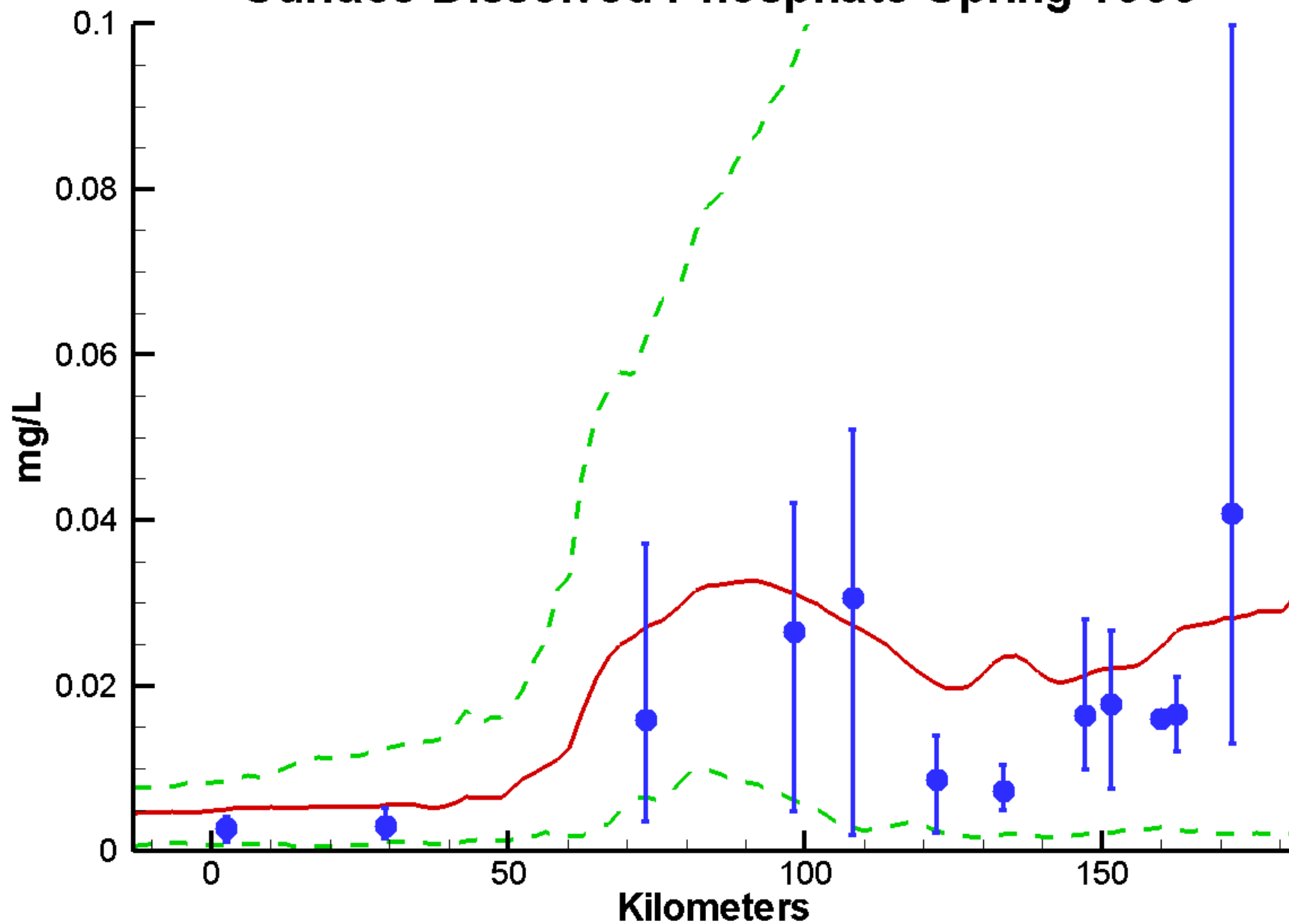
# Potomac River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1999



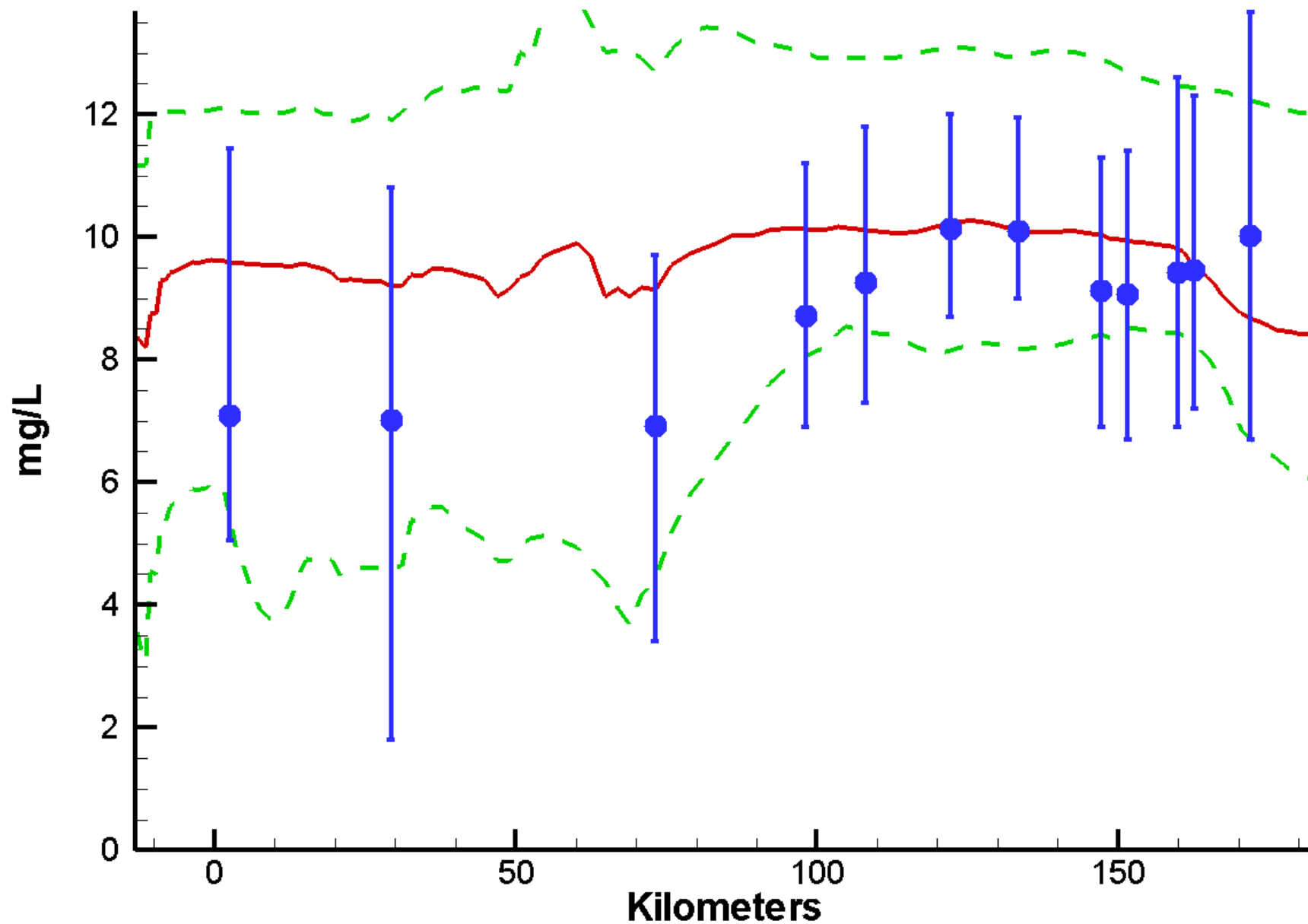
# Potomac River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1999



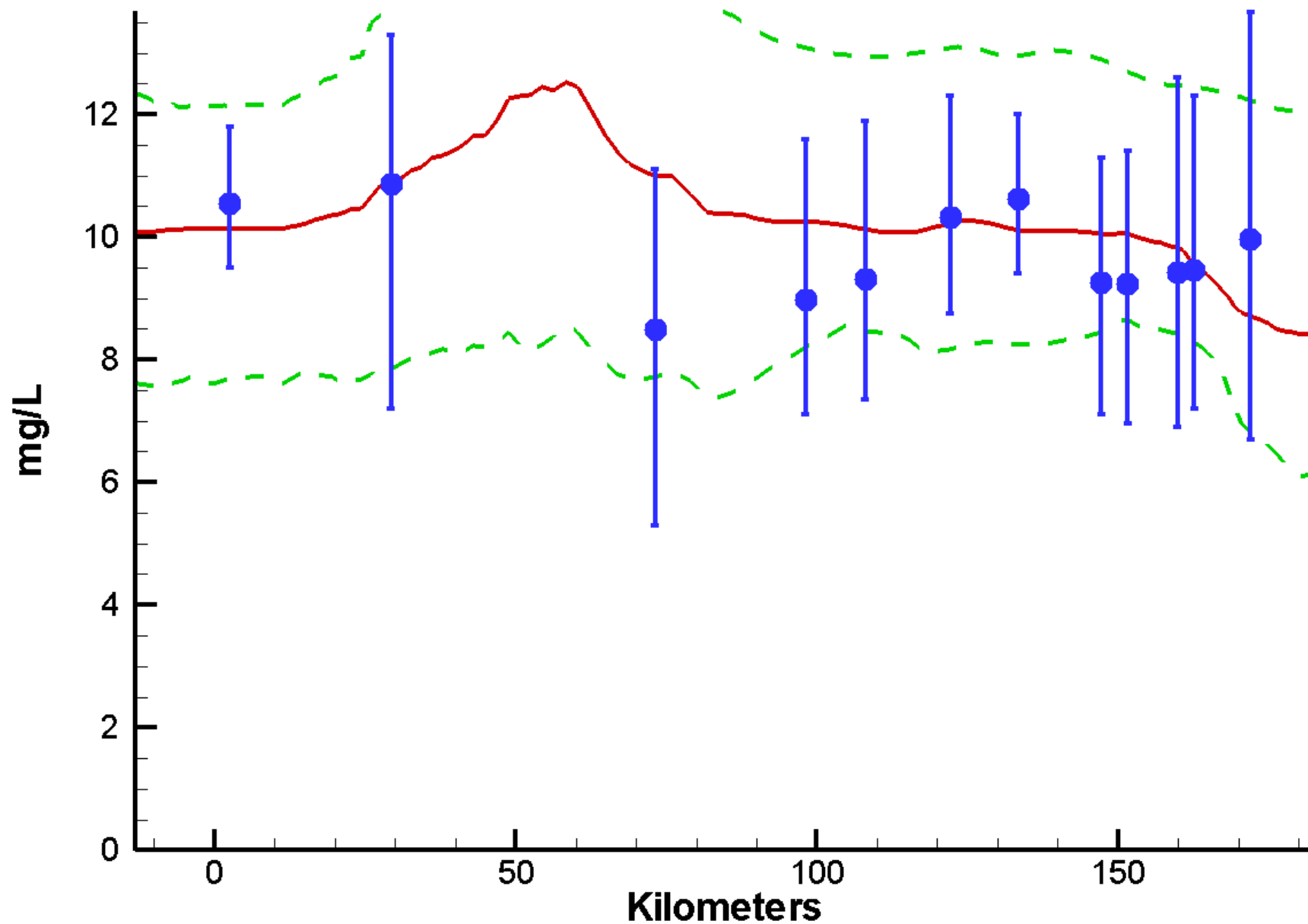
# Potomac River Ches2015 Run118

## Bottom Dissolved Oxygen Spring 1999



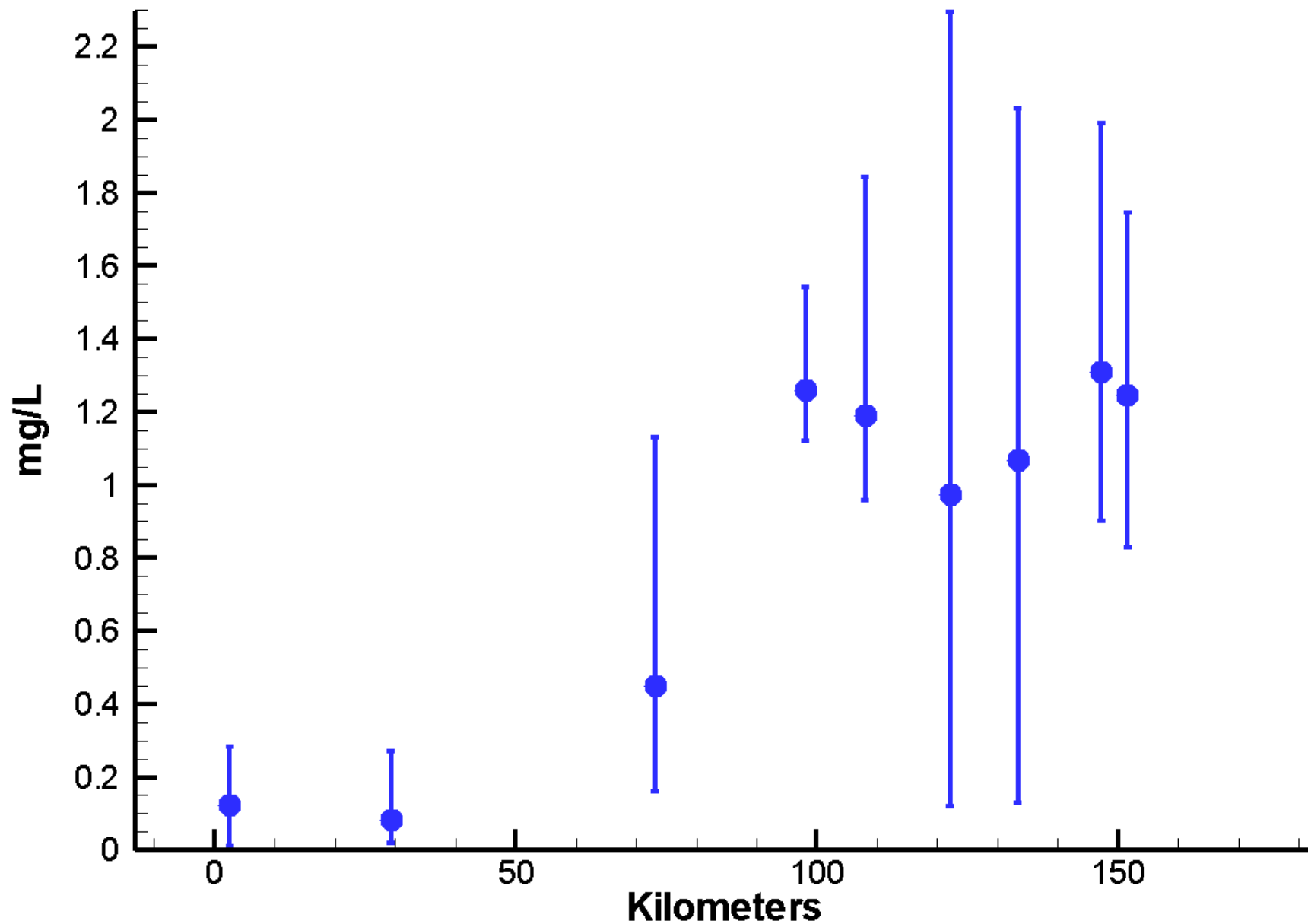
# Potomac River Ches2015 Run118

## Surface Dissolved Oxygen Spring 1999



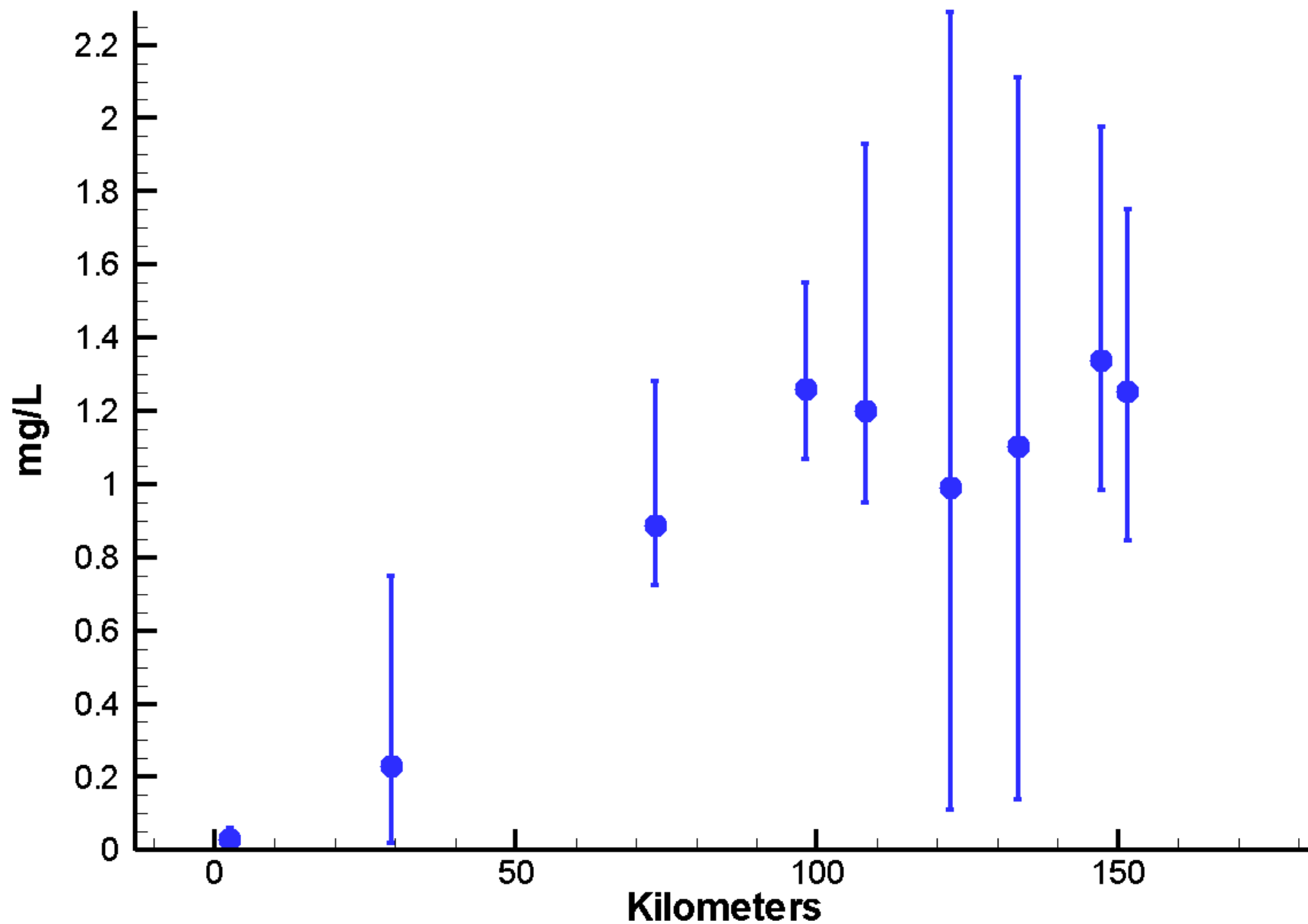
# Potomac River Ches2015 Run118

## Bottom Dissolved Silica Spring 1999



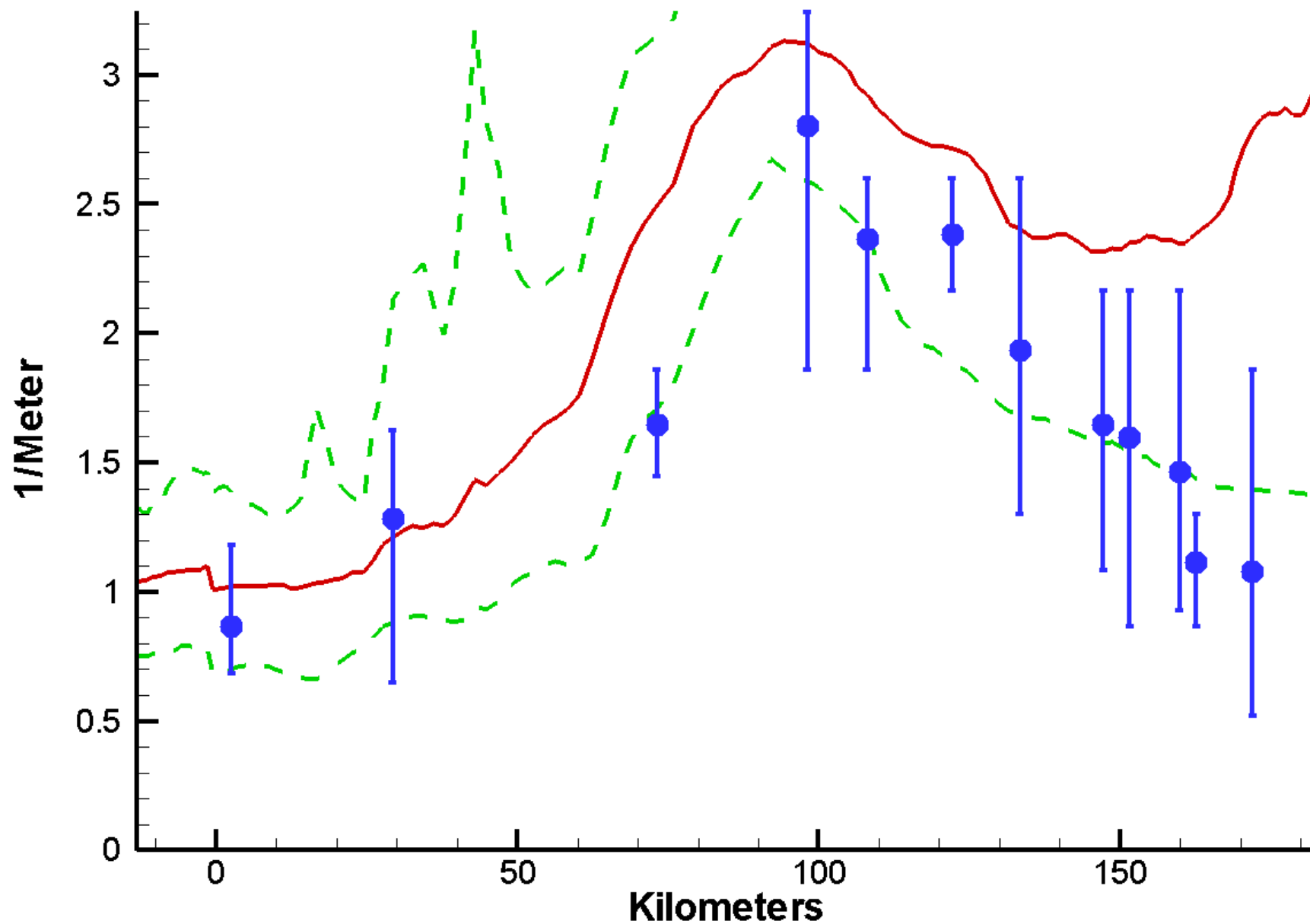
# Potomac River Ches2015 Run118

## Surface Dissolved Silica Spring 1999



# Potomac River Ches2015 Run118

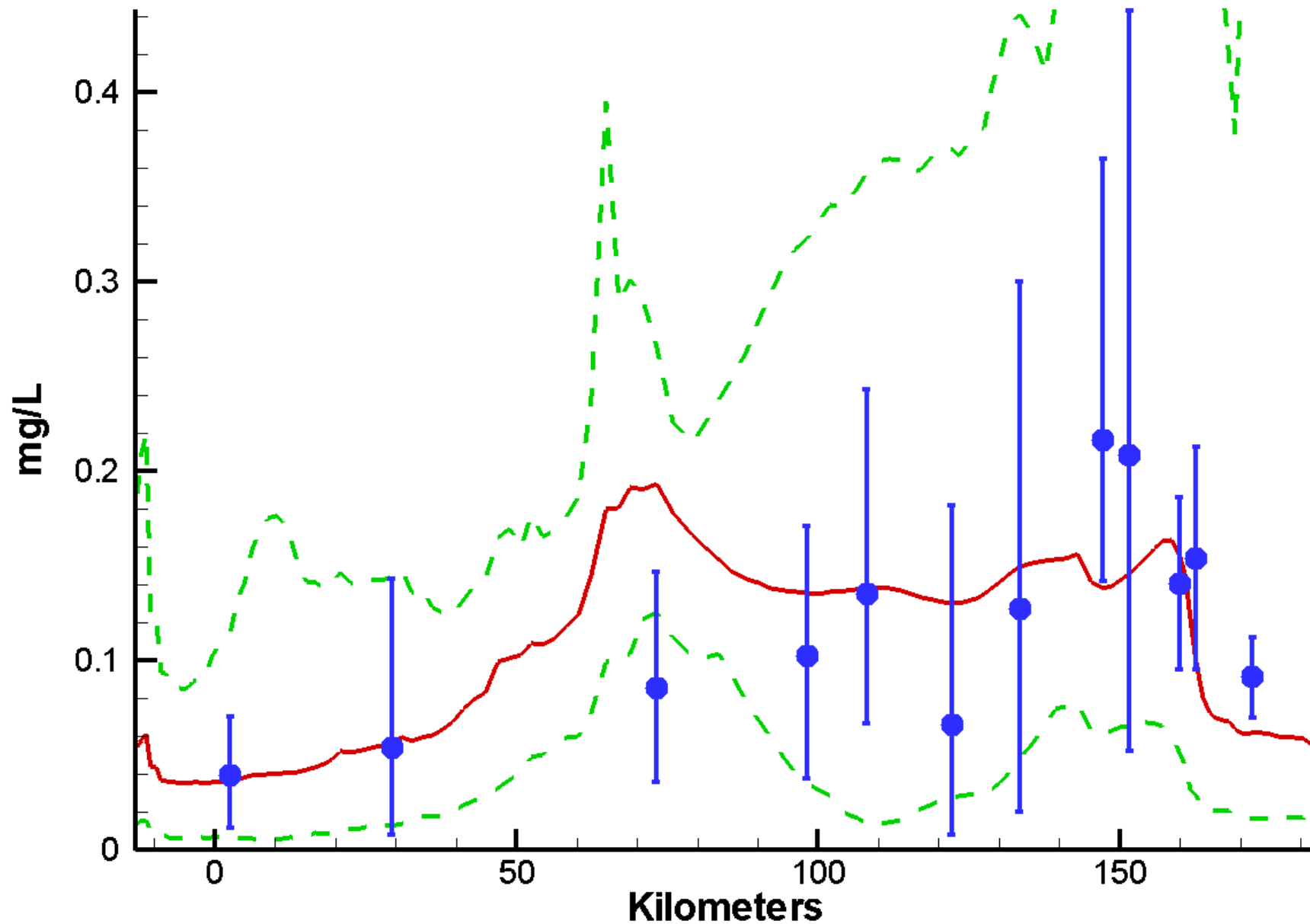
## Surface Light Extinction Spring 1999



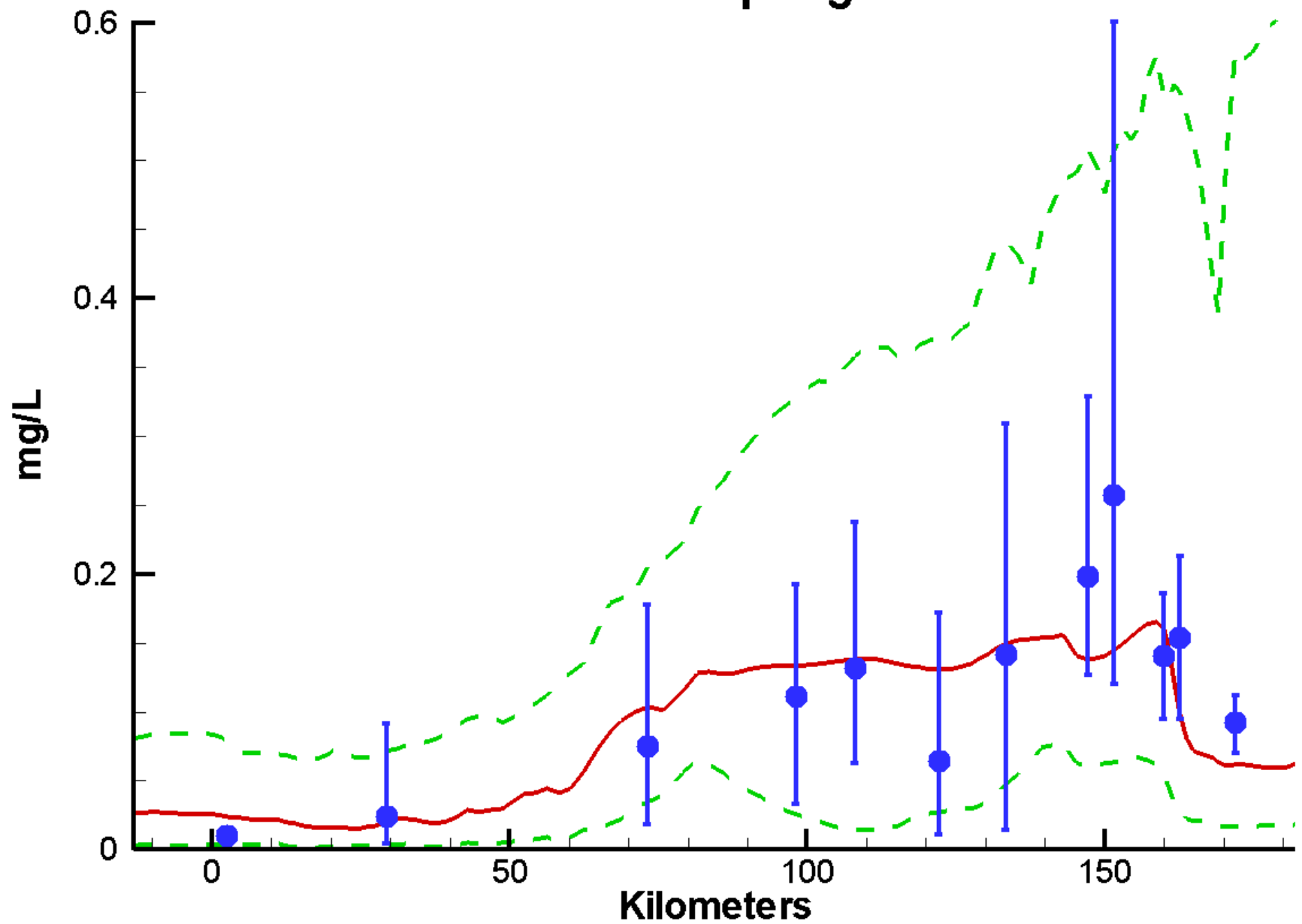


# Potomac River Ches2015 Run118

## Bottom Ammonium Spring 1999

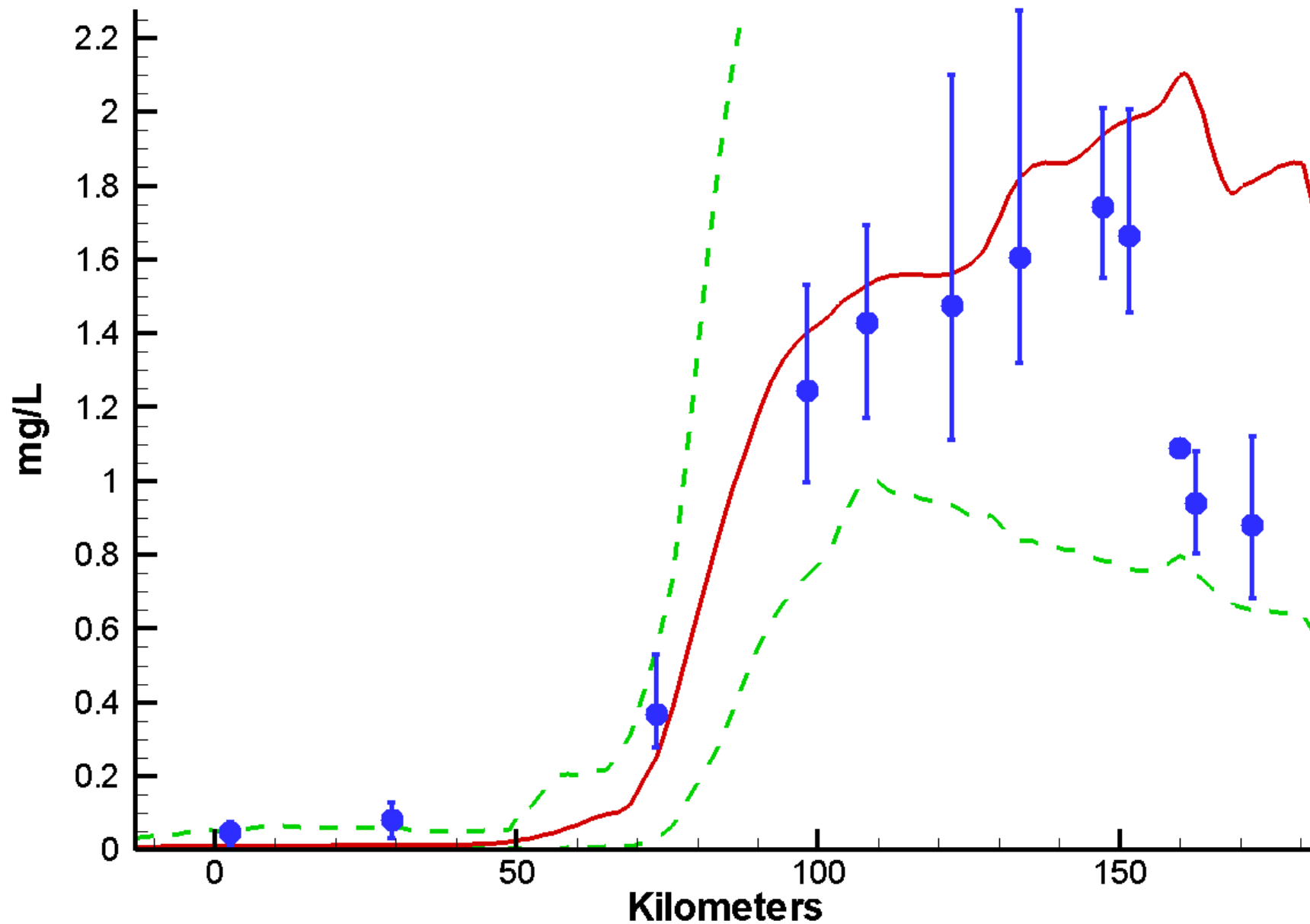


# Potomac River Ches2015 Run118 Surface Ammonium Spring 1999



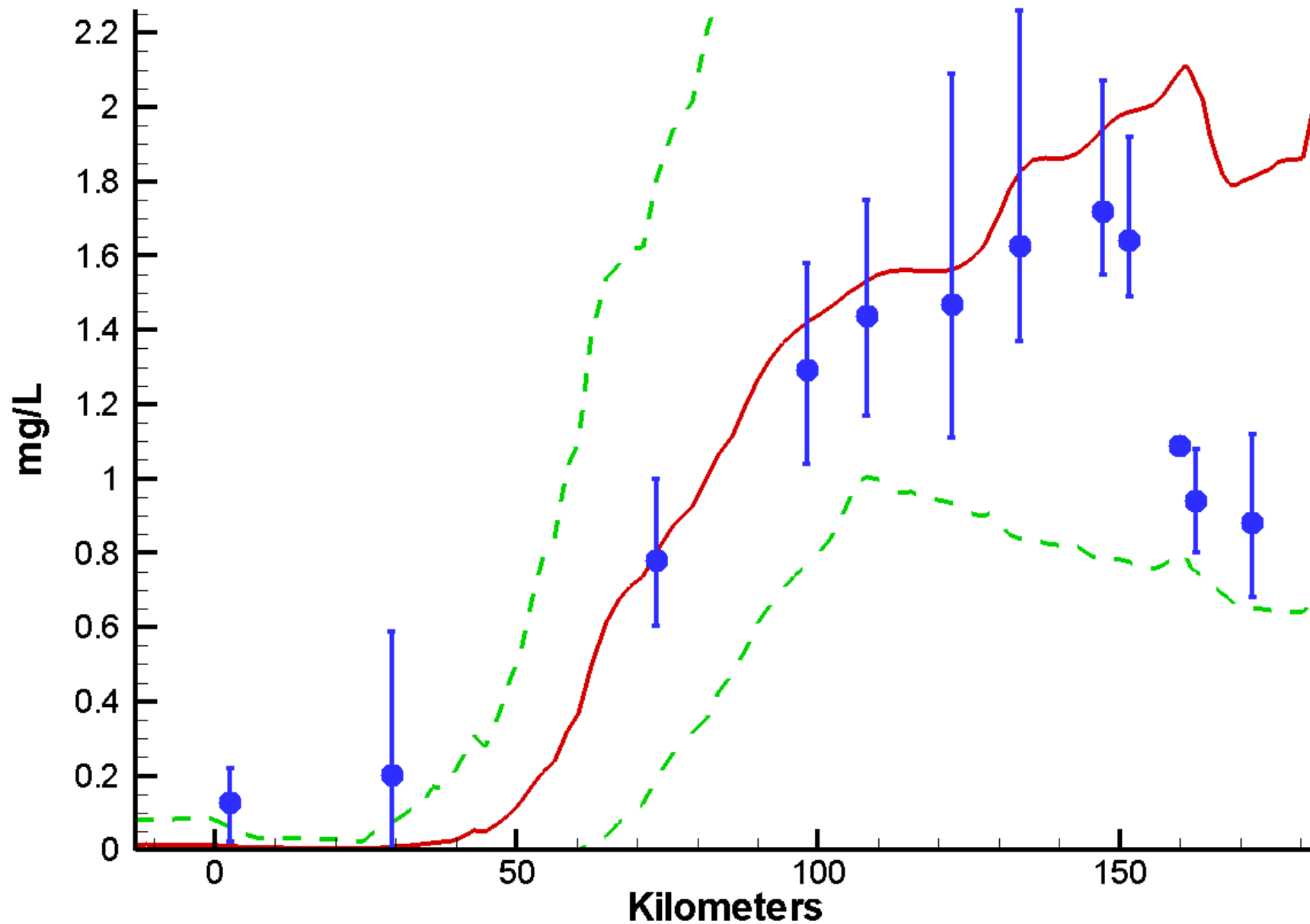
# Potomac River Ches2015 Run118

## Bottom Nitrate Spring 1999



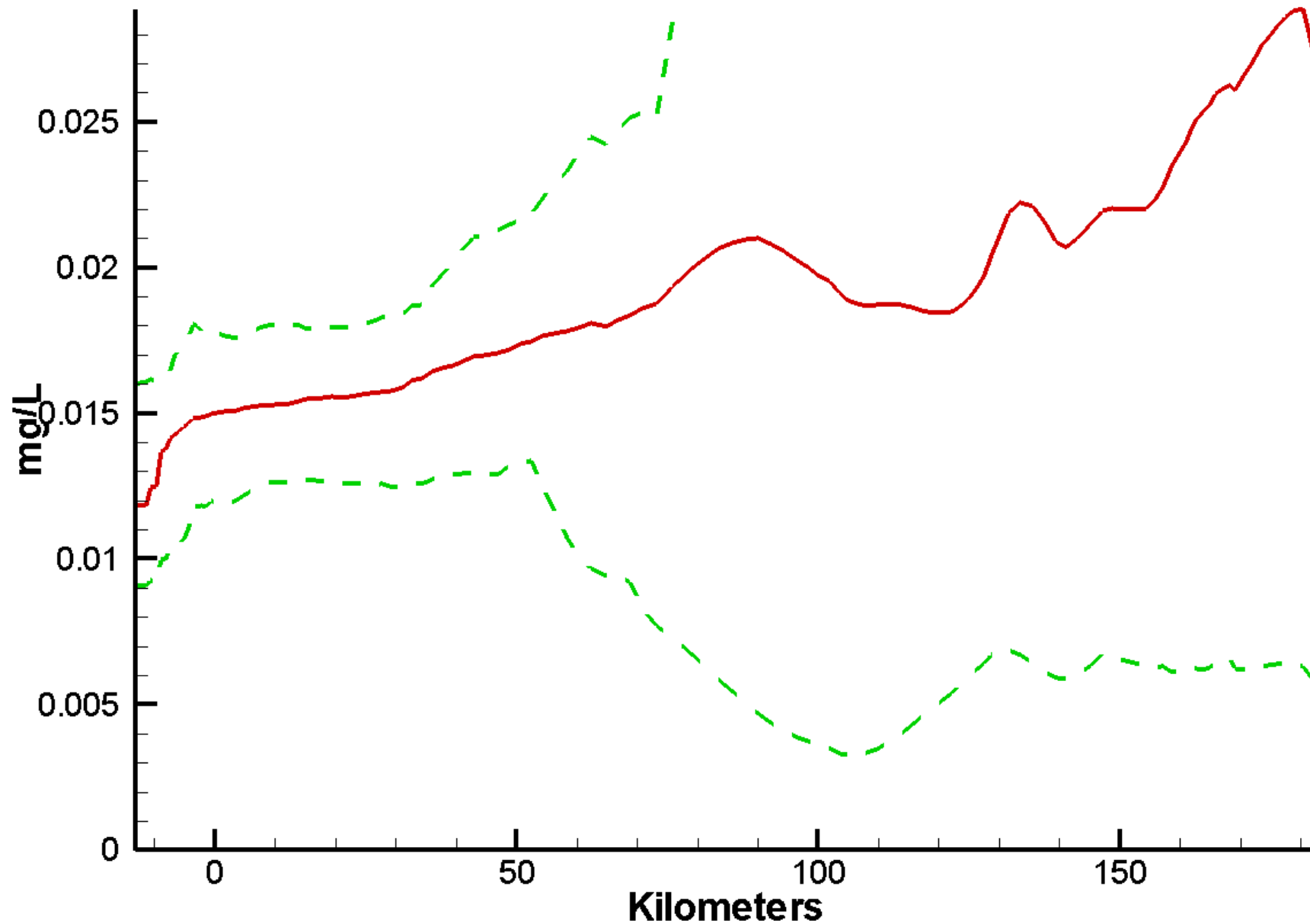
# Potomac River Ches2015 Run118

## Surface Nitrate Spring 1999



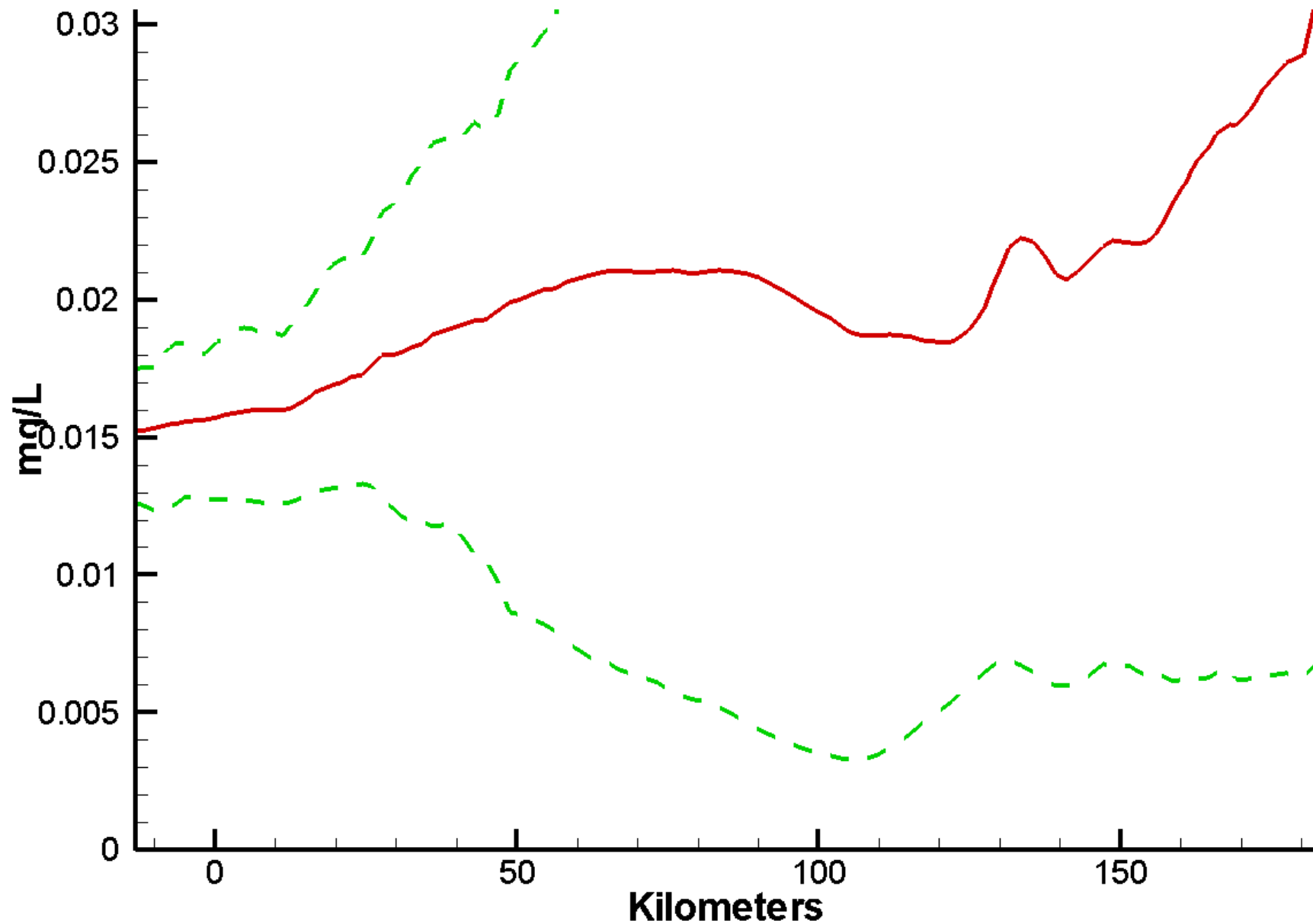
# Potomac River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1999



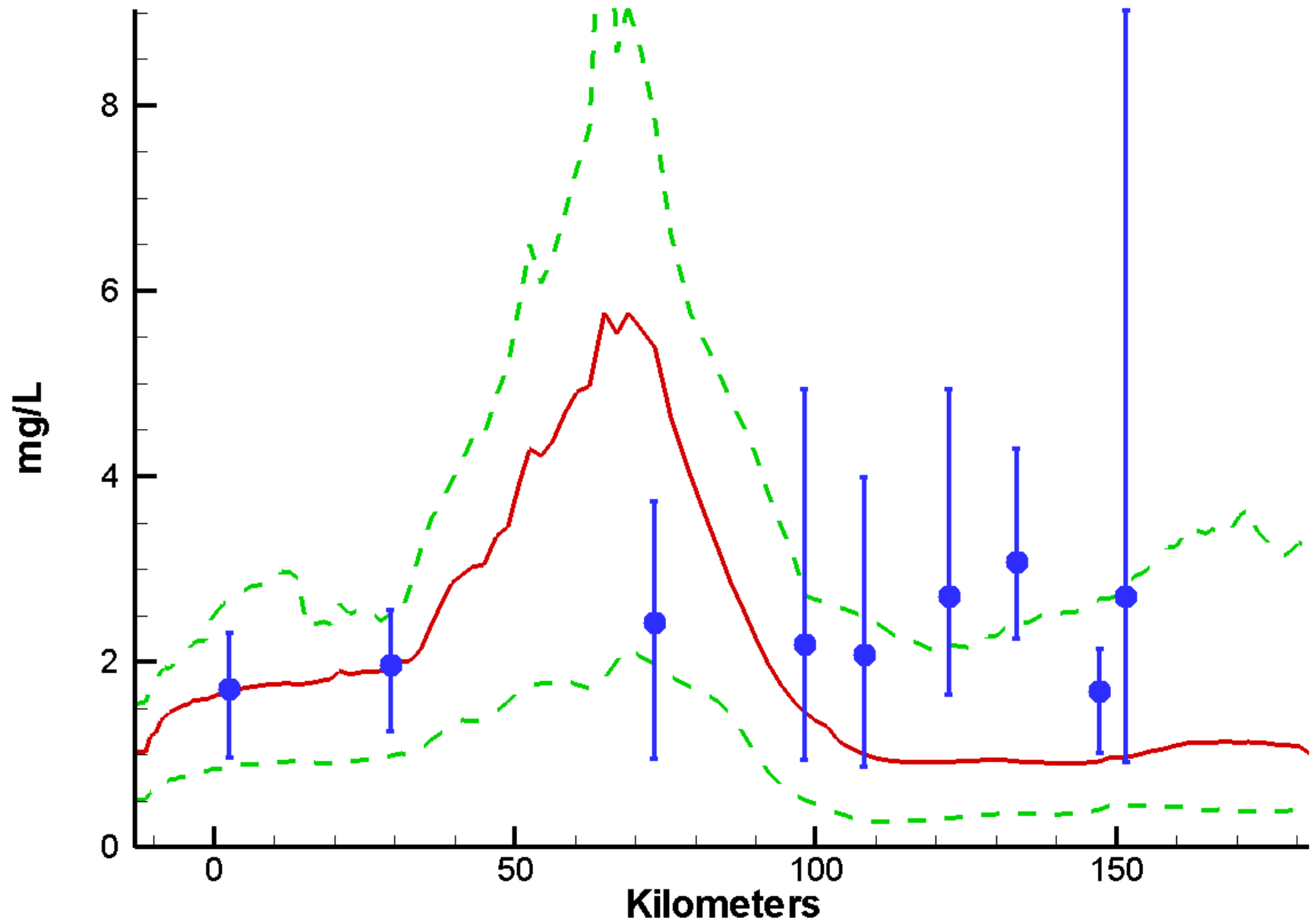
# Potomac River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1999



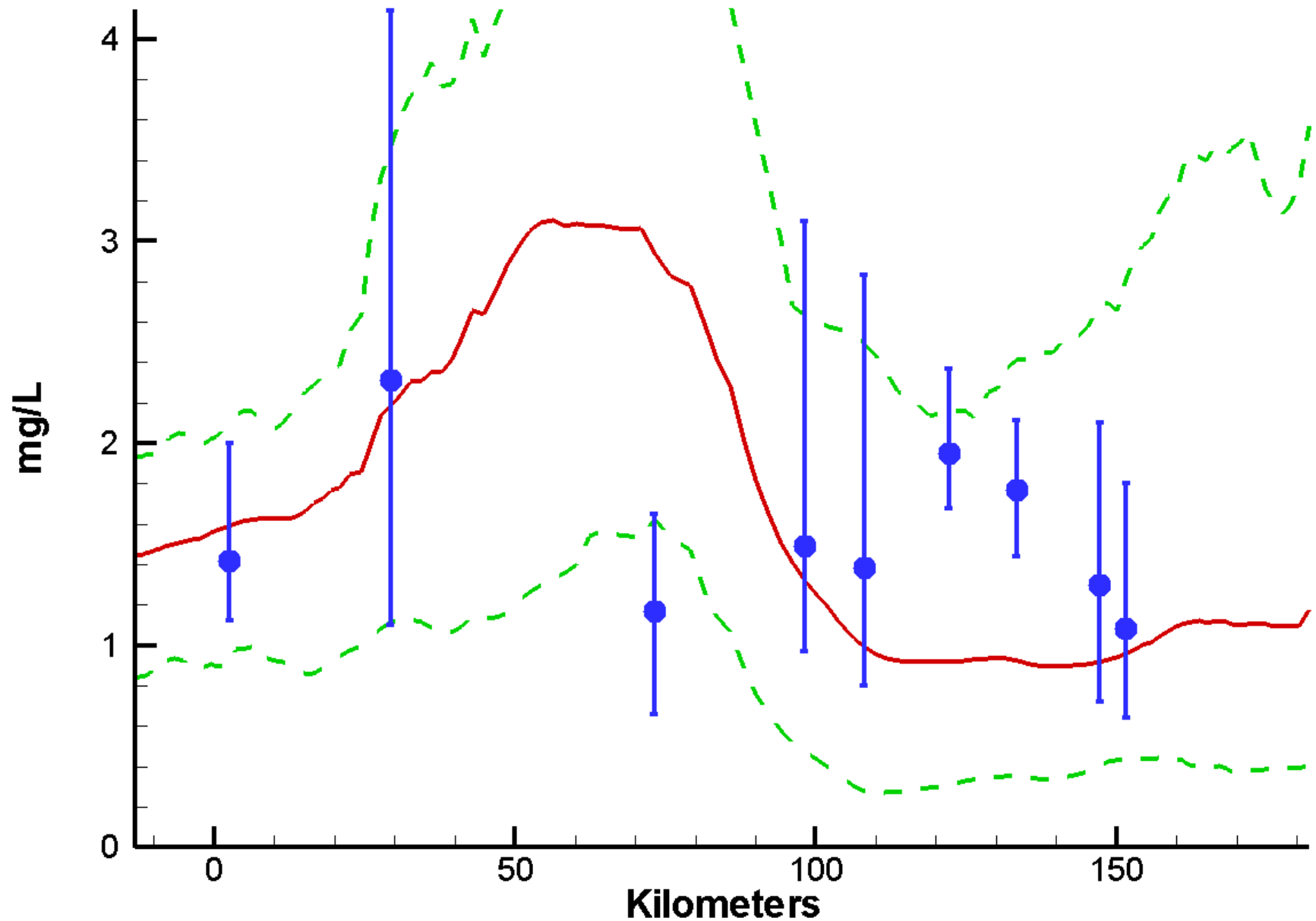
# Potomac River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1999



# Potomac River Ches2015 Run118

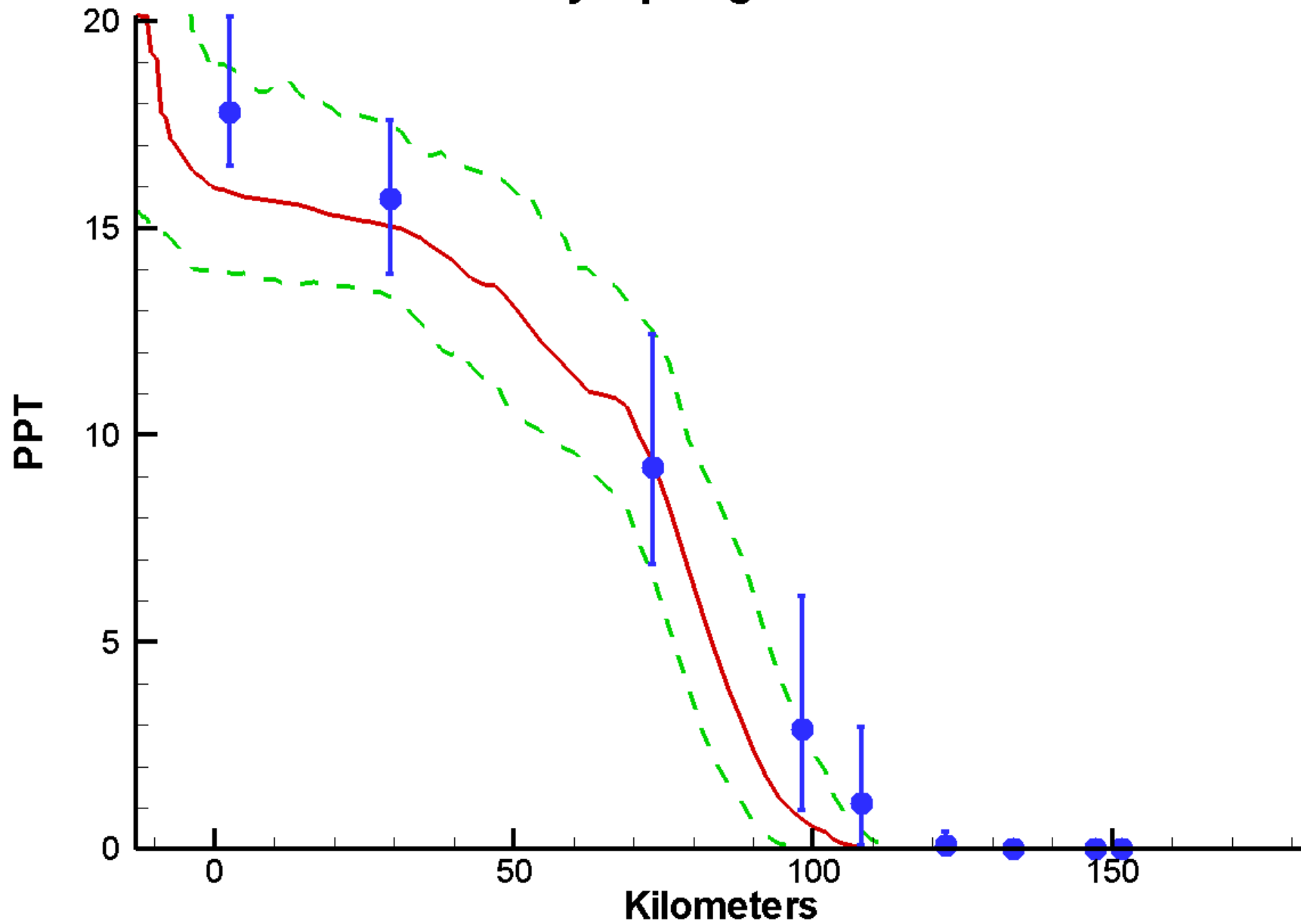
## Surface Particulate Organic Carbon Spring 1999





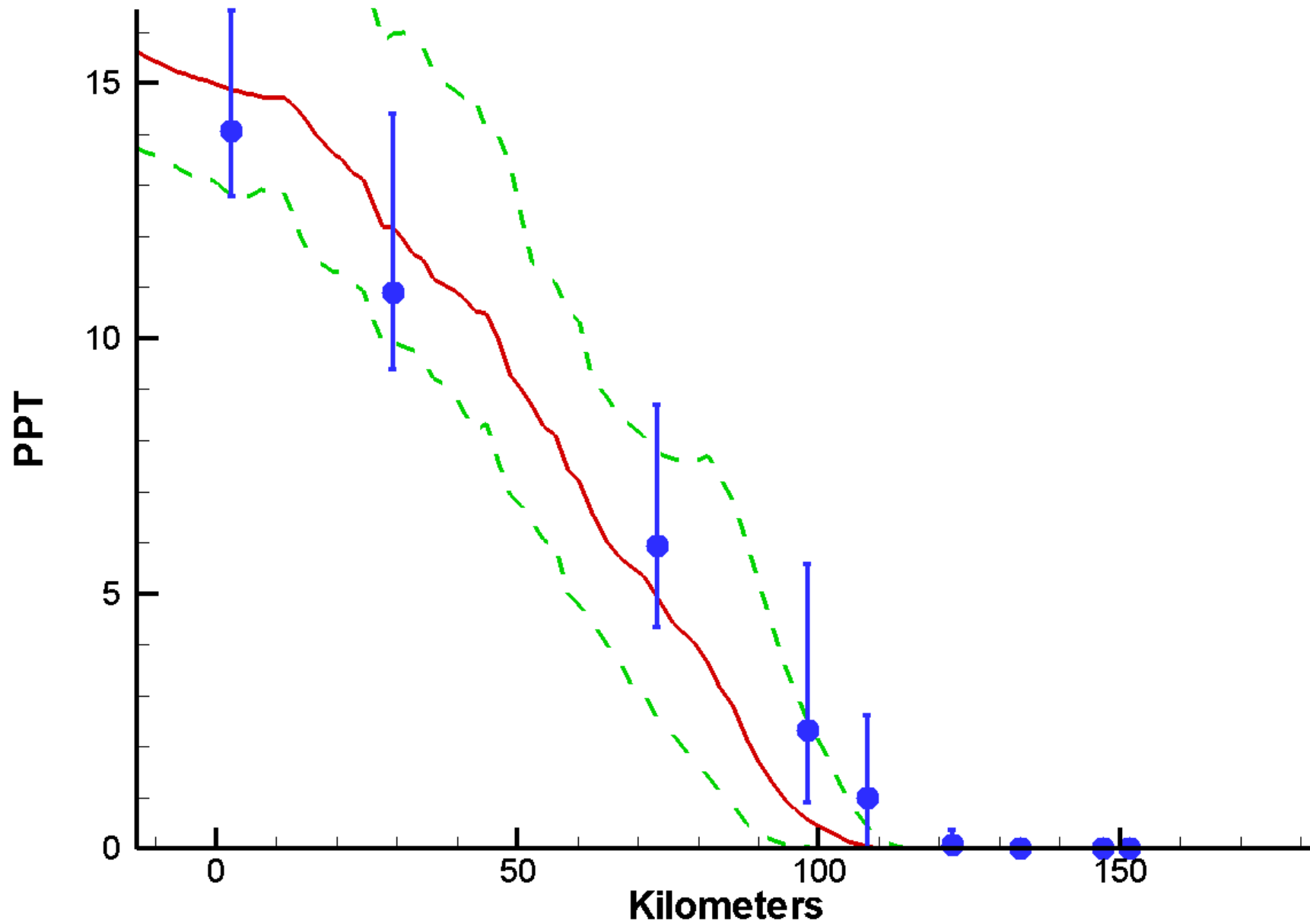
# Potomac River Ches2015 Run118

## Bottom Salinity Spring 1999



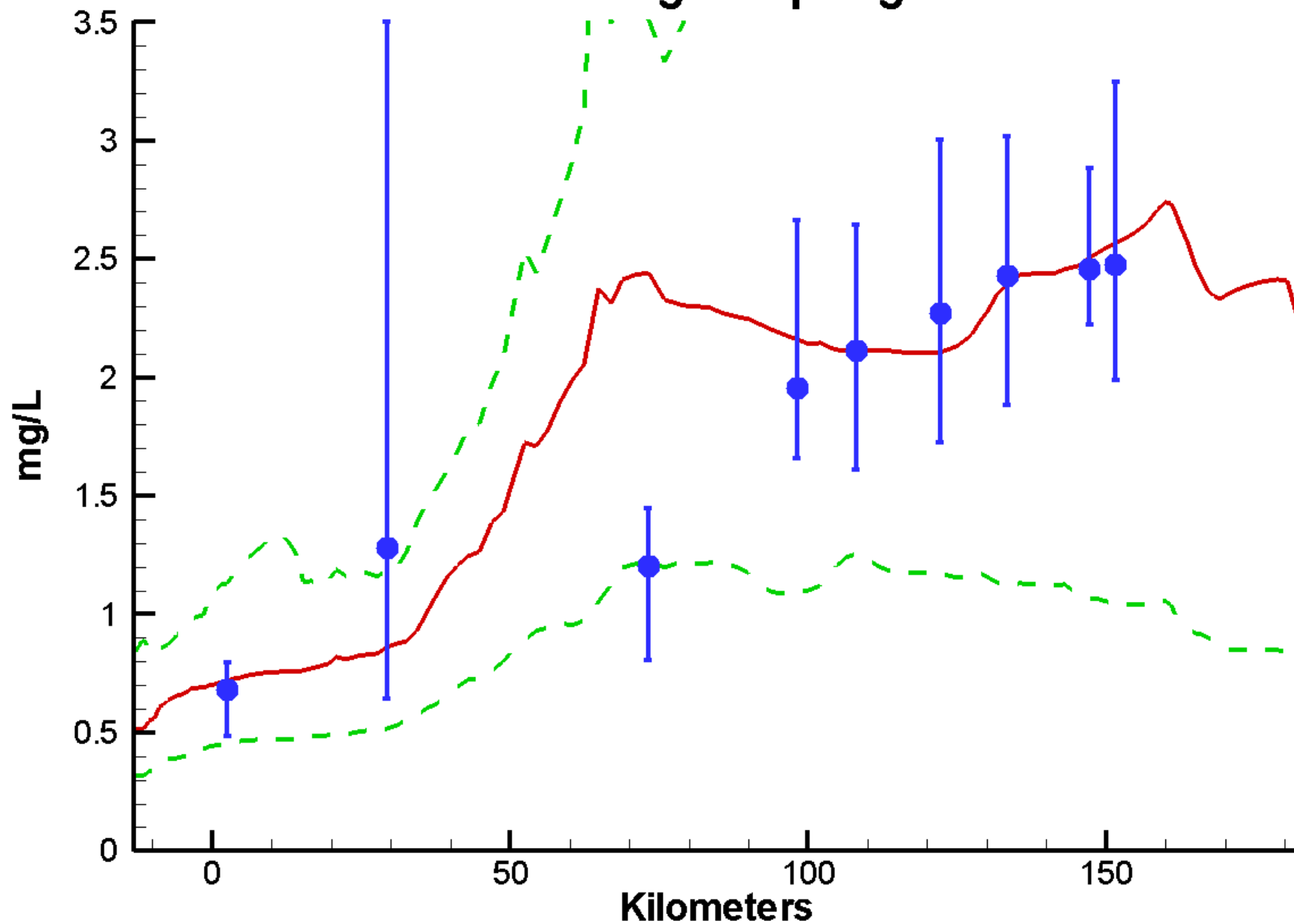
# Potomac River Ches2015 Run118

## Surface Salinity Spring 1999



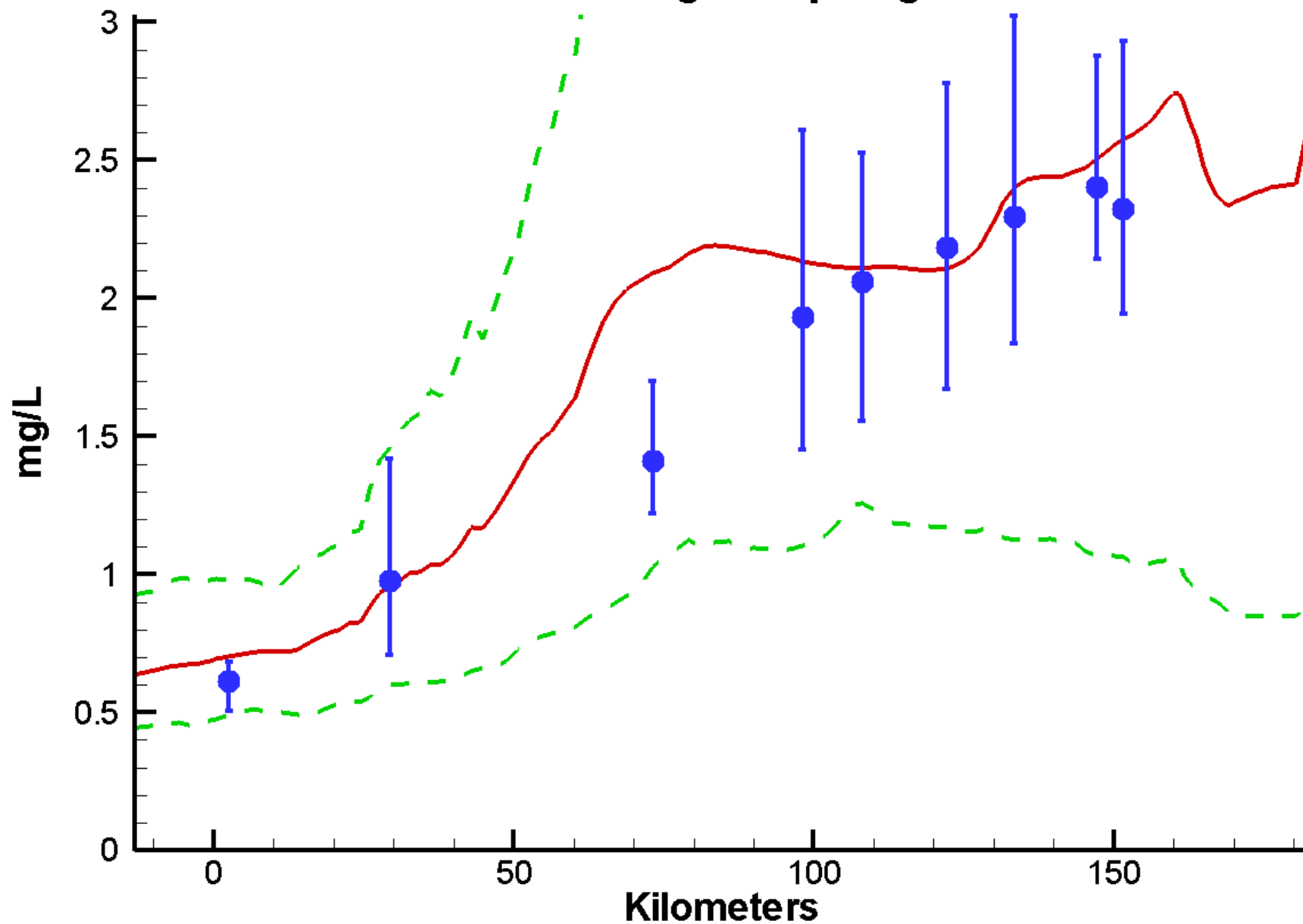
# Potomac River Ches2015 Run118

## Bottom Total Nitrogen Spring 1999



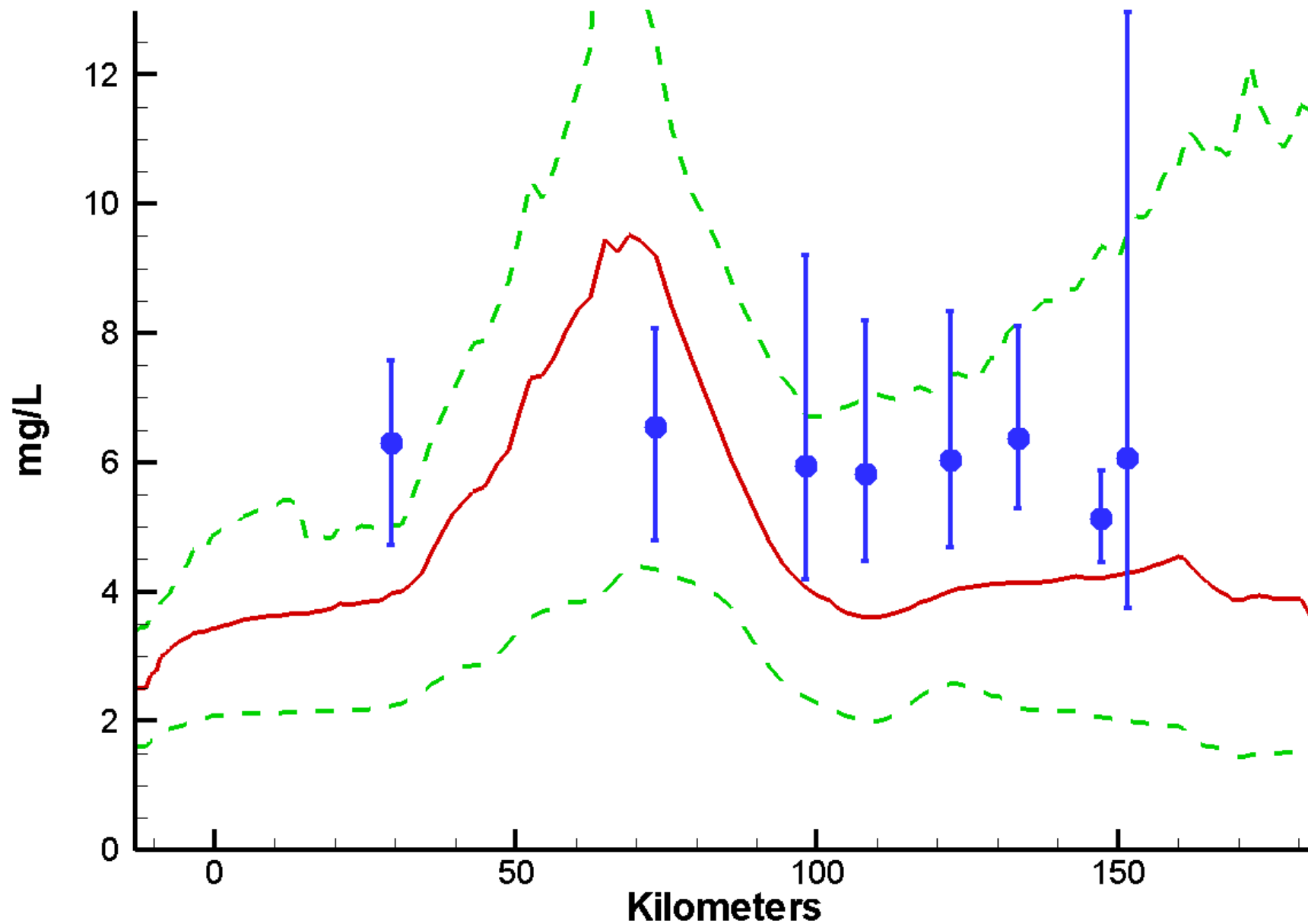
# Potomac River Ches2015 Run118

## Surface Total Nitrogen Spring 1999



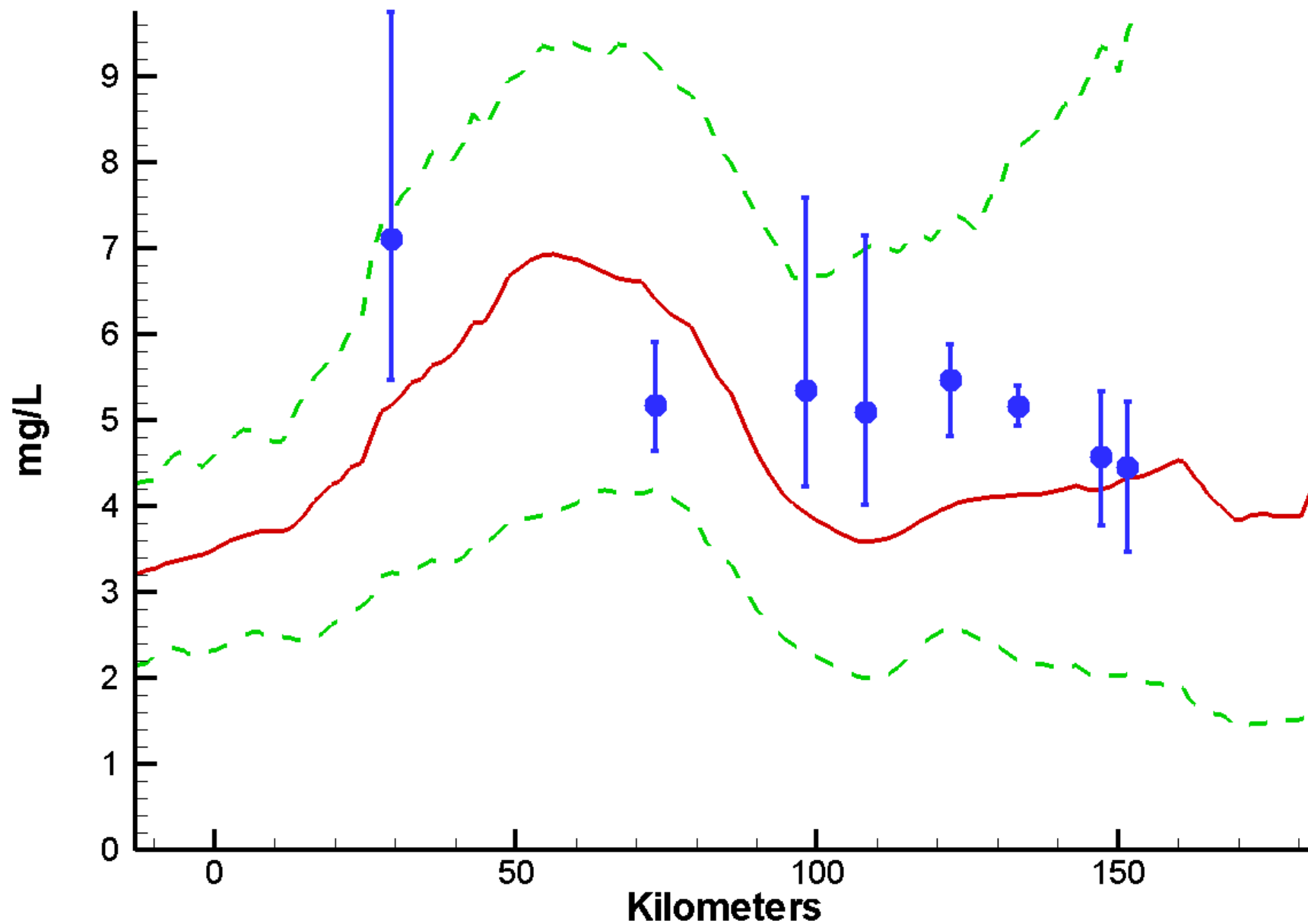
# Potomac River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1999



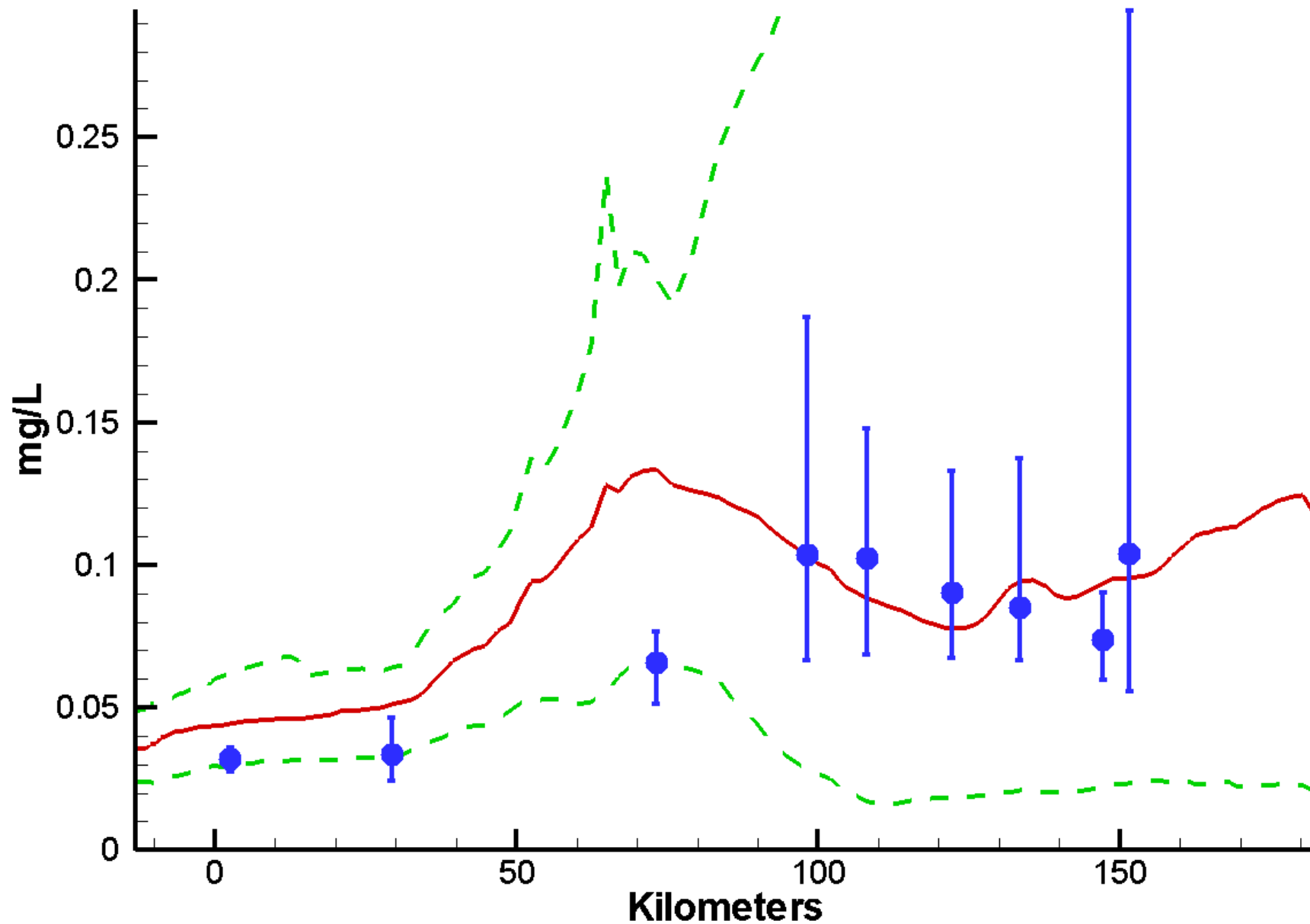
# Potomac River Ches2015 Run118

## Surface Total Organic Carbon Spring 1999



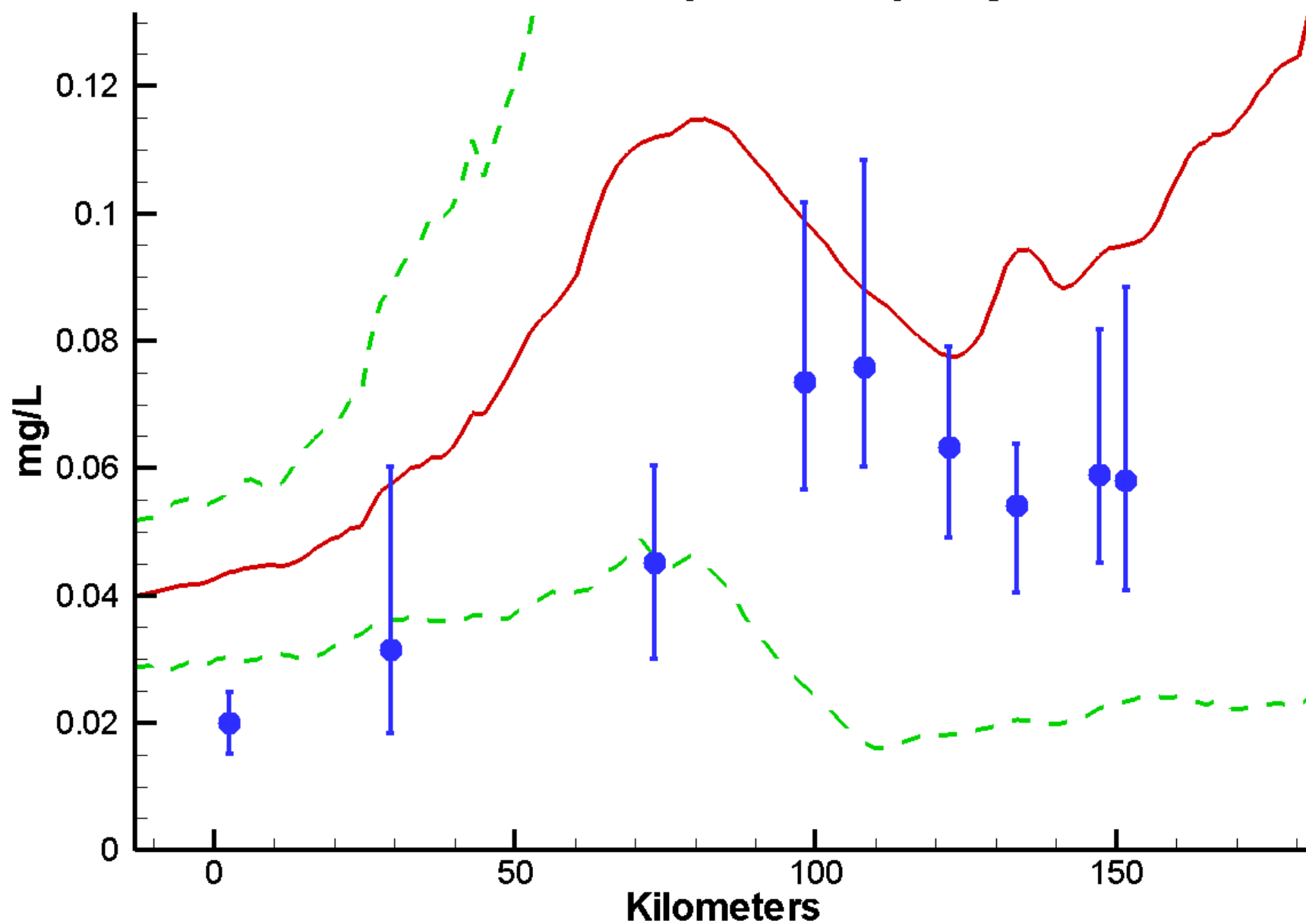
# Potomac River Ches2015 Run118

## Bottom Total Phosphorus Spring 1999



# Potomac River Ches2015 Run118

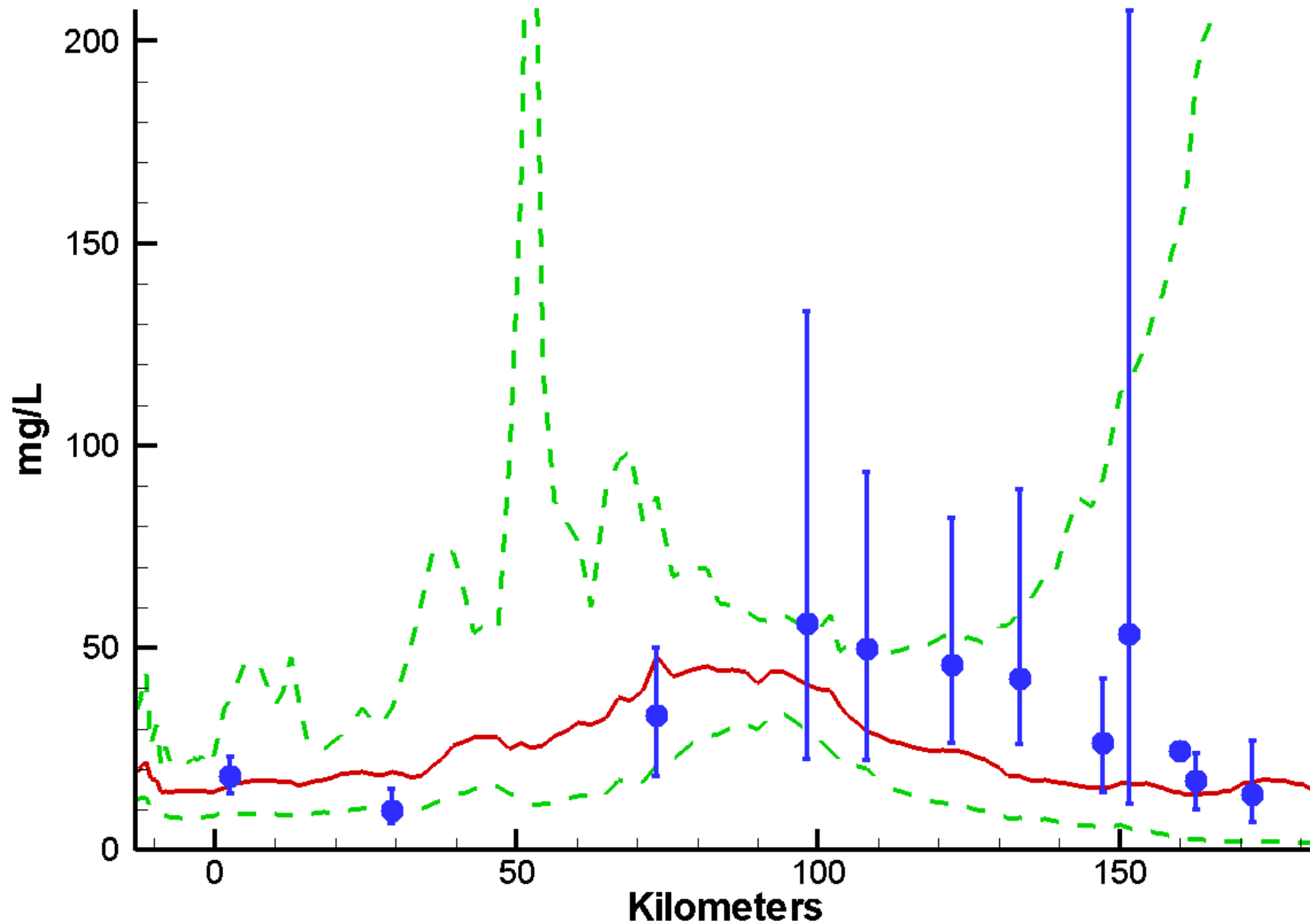
## Surface Total Phosphorus Spring 1999





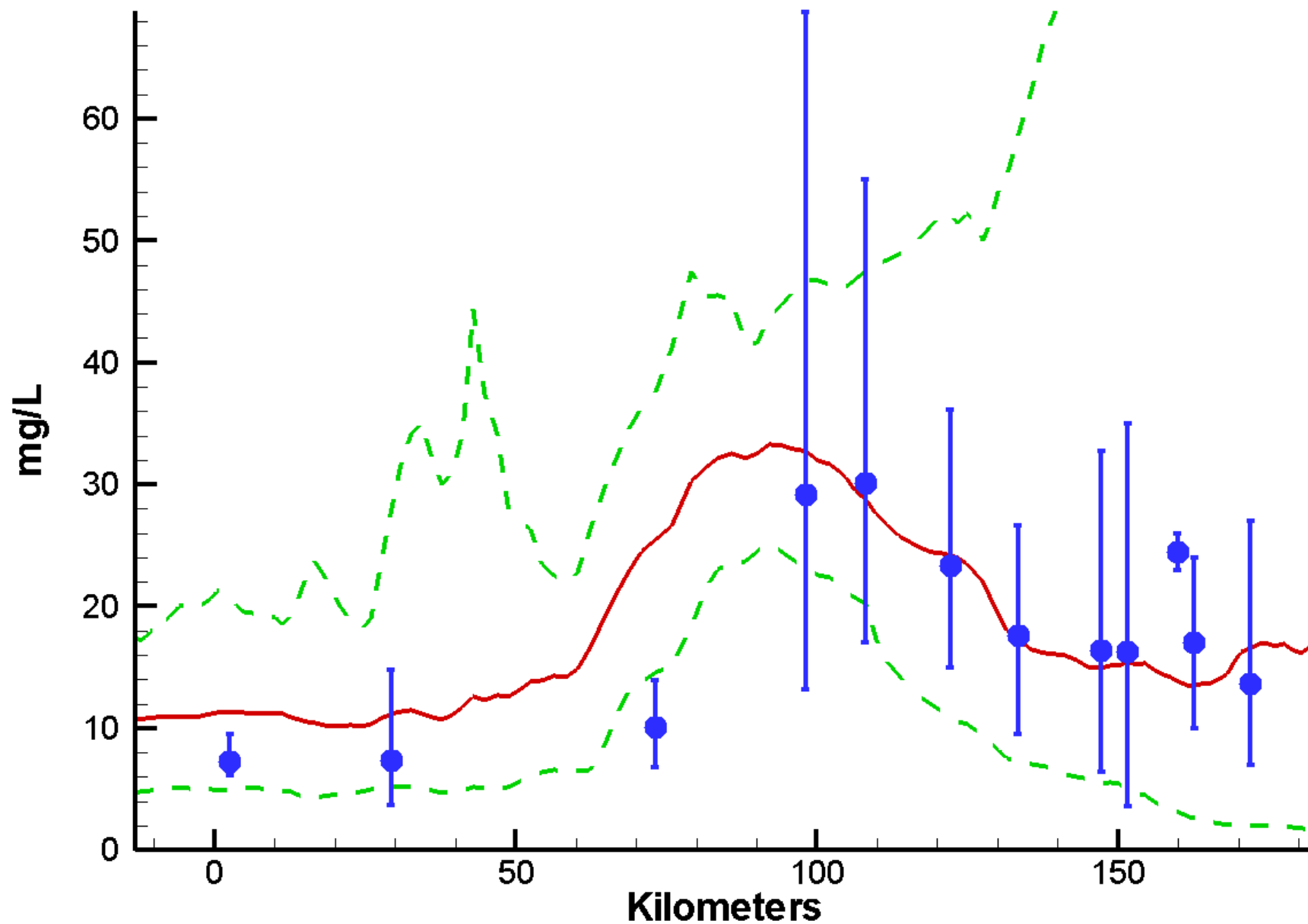
# Potomac River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1999



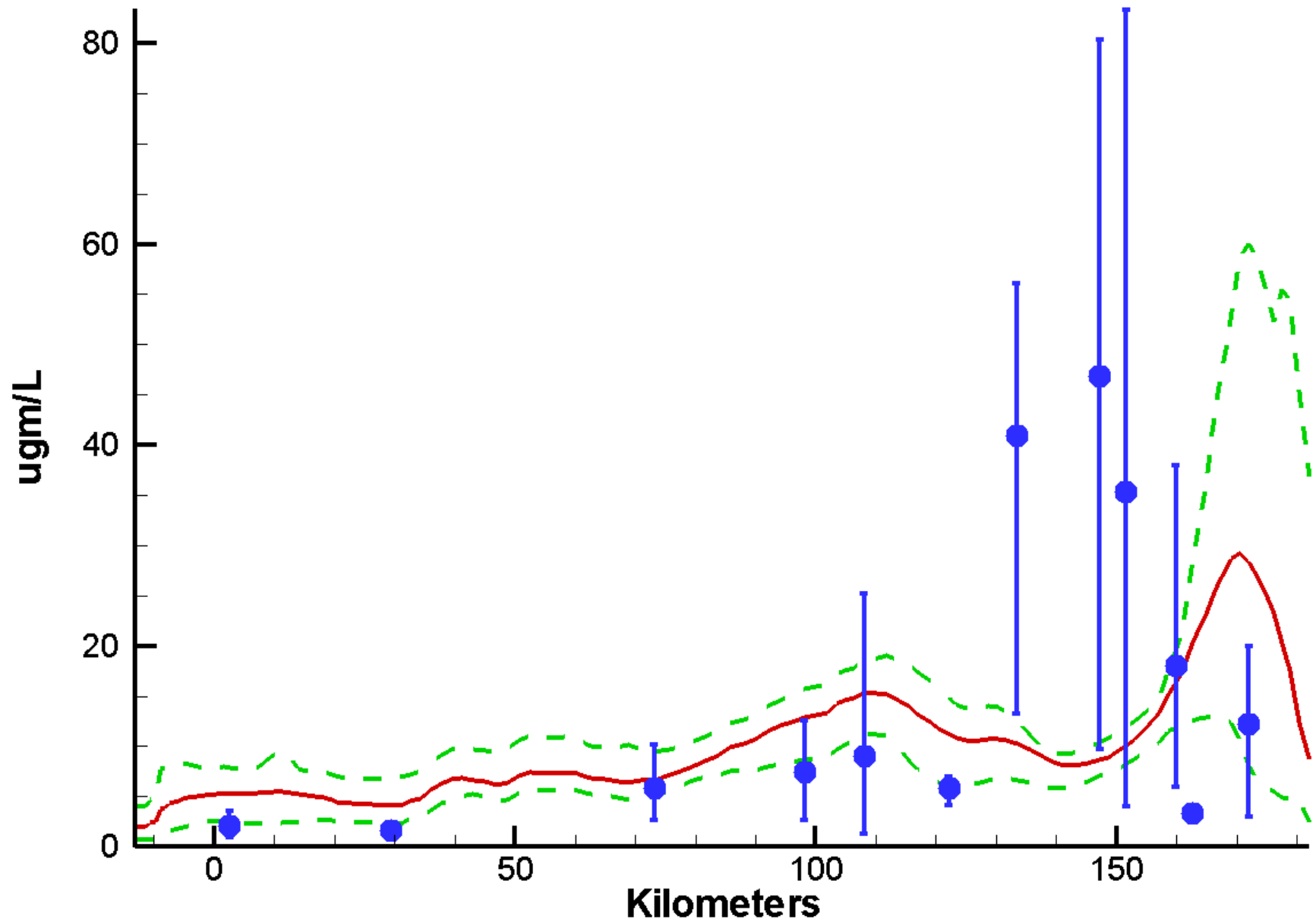
# Potomac River Ches2015 Run118

## Surface Total Suspended Solids Spring 1999



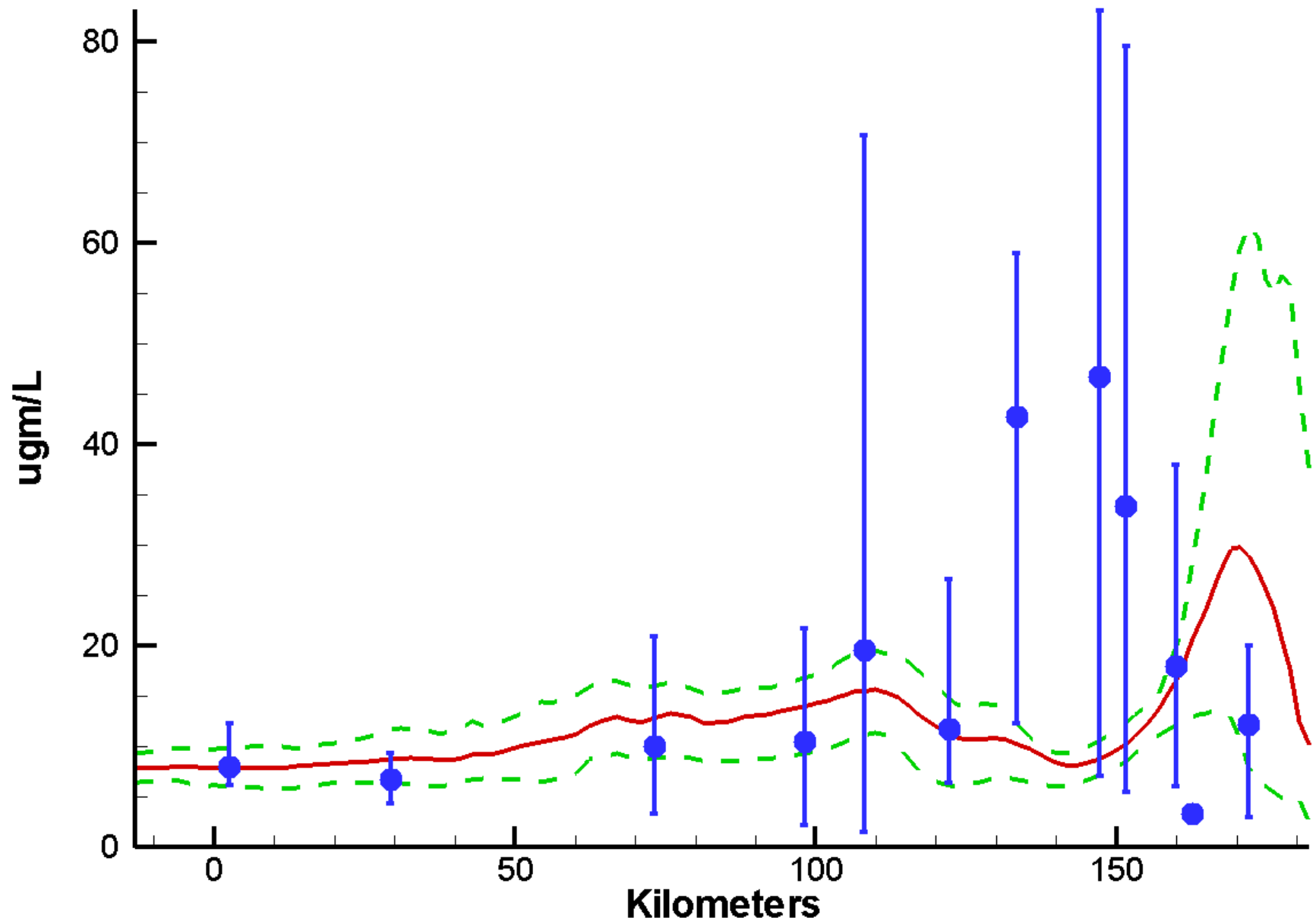
# Potomac River Ches2015 Run118

## Bottom Chlorophyll Summer 1999



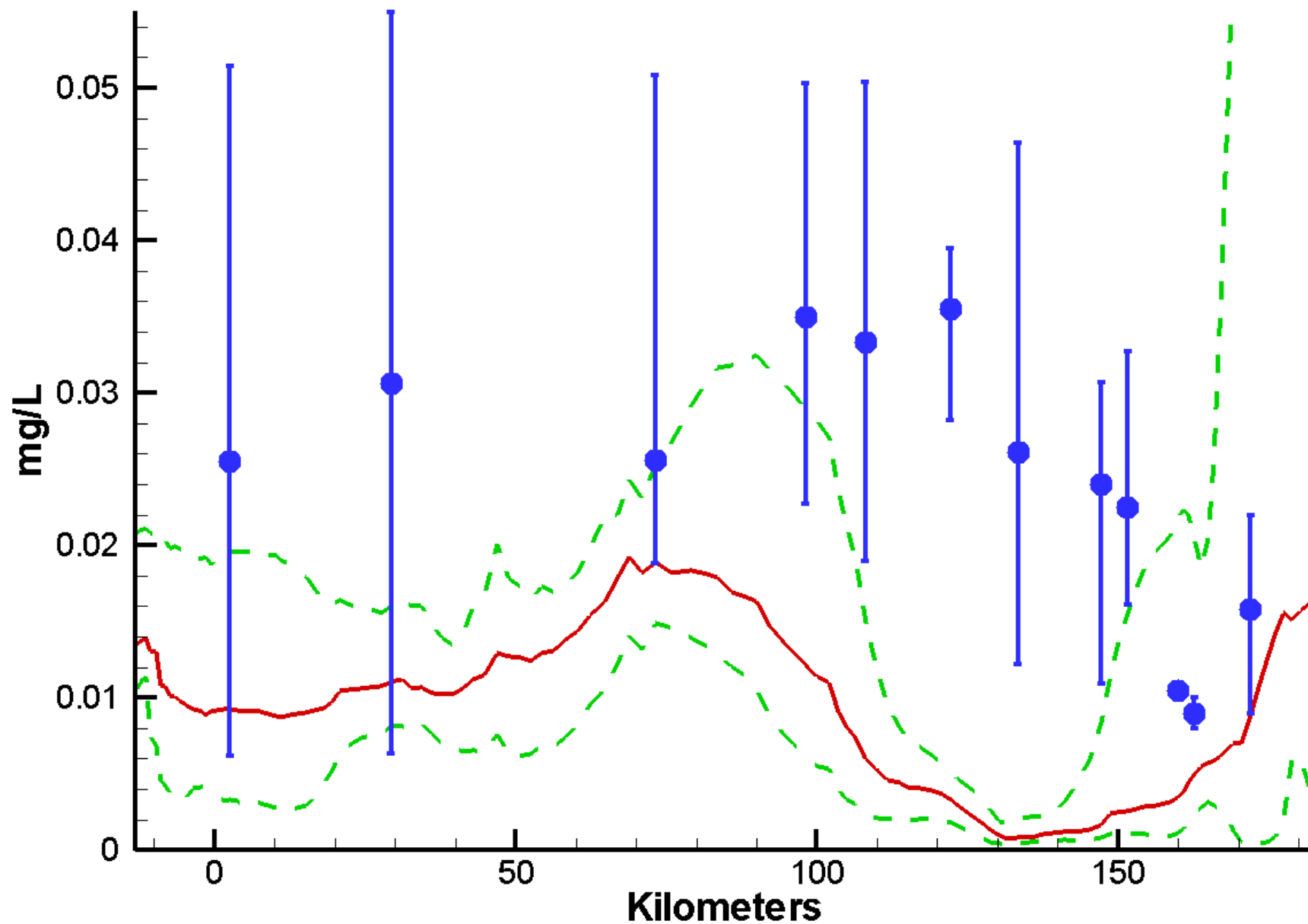
# Potomac River Ches2015 Run118

## Surface Chlorophyll Summer 1999



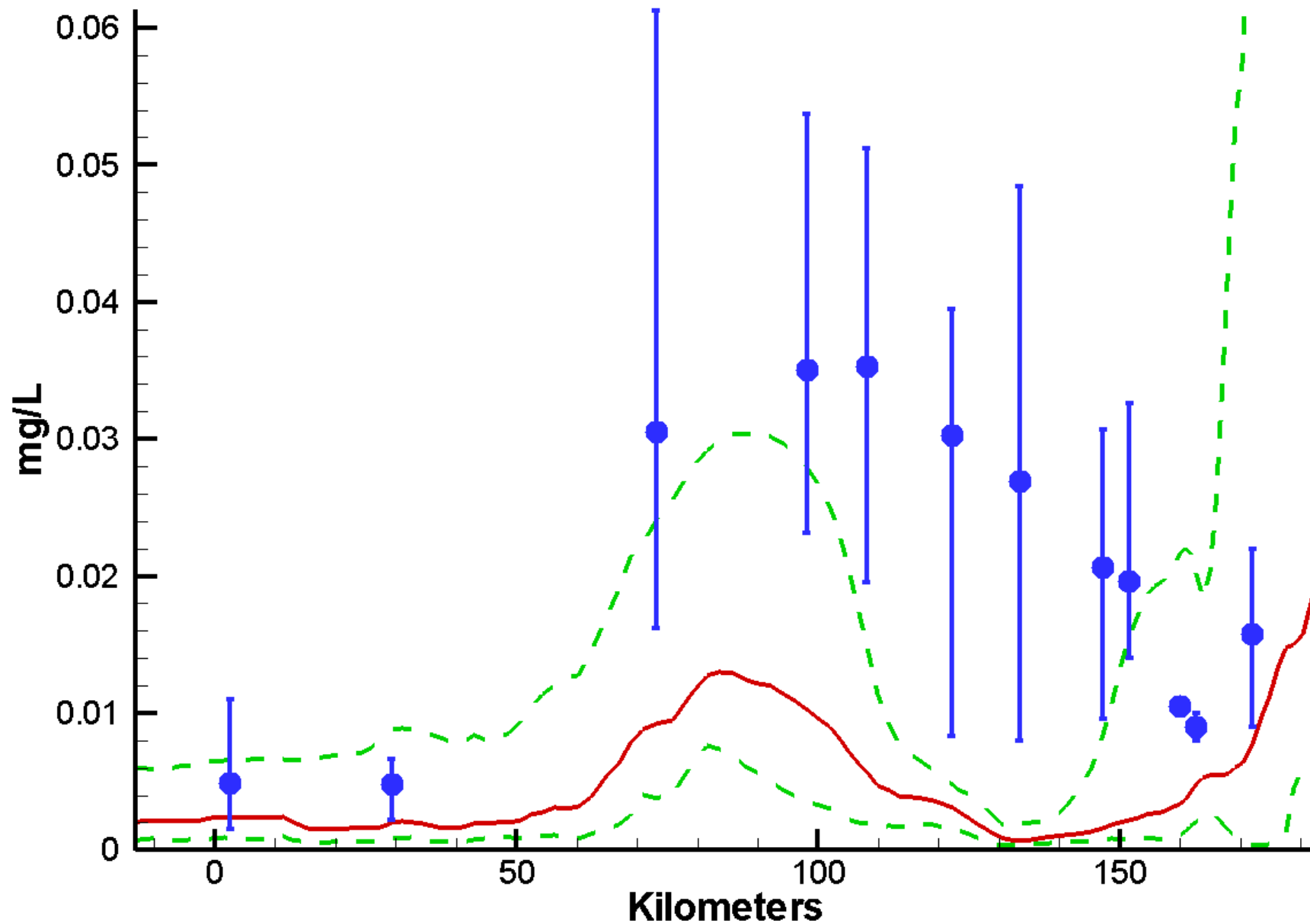
# Potomac River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1999



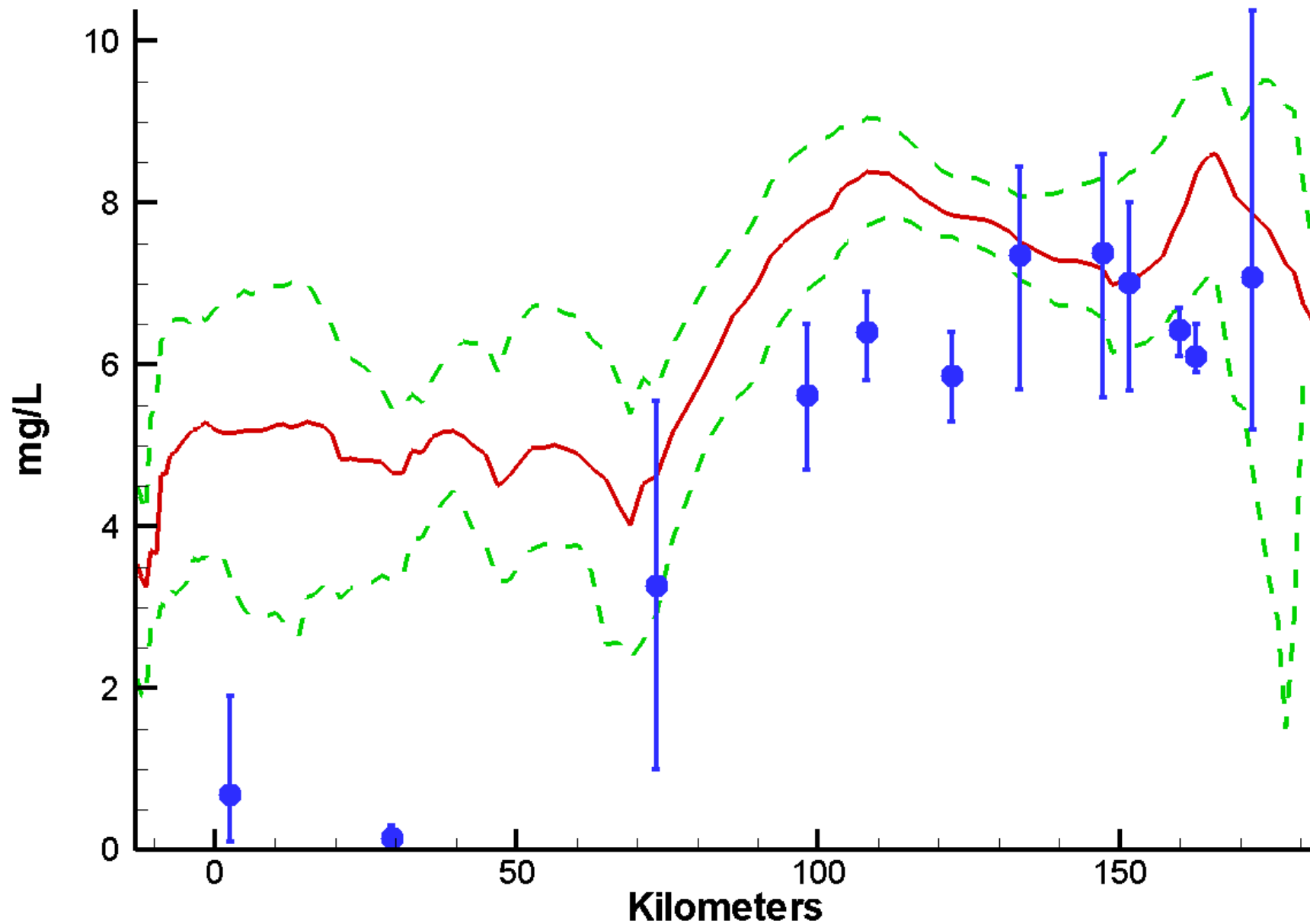
# Potomac River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1999



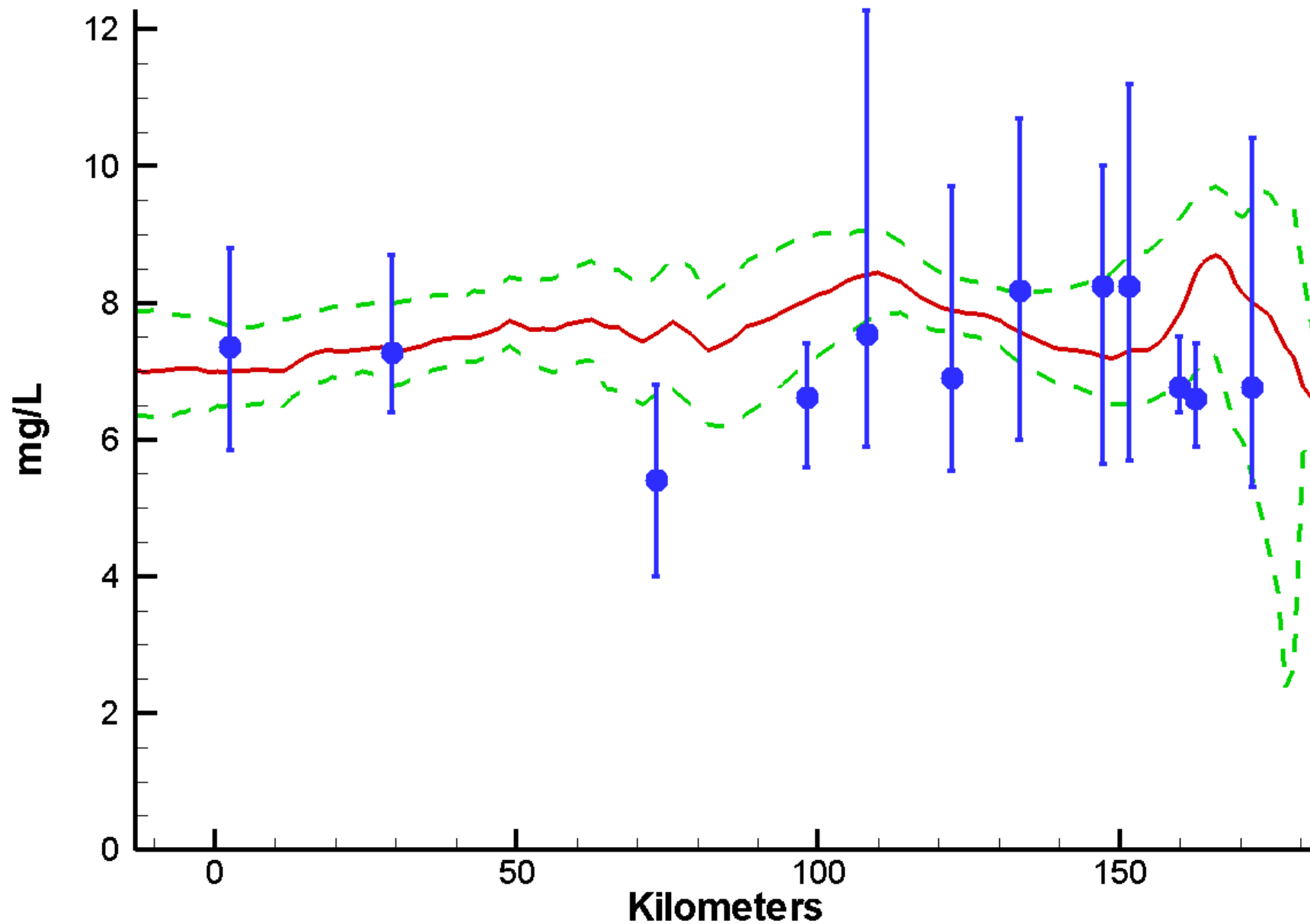
# Potomac River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1999



# Potomac River Ches2015 Run118

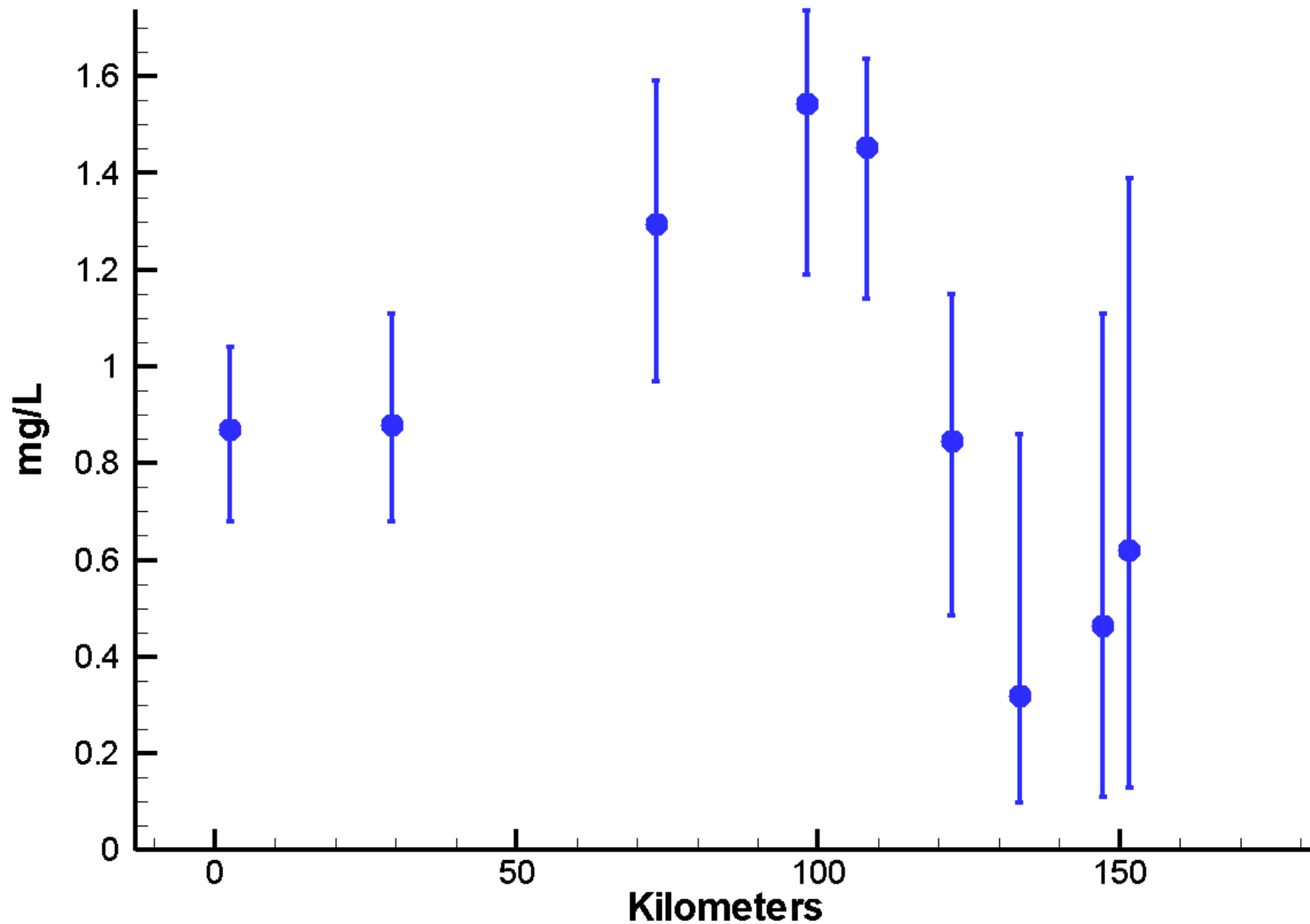
## Surface Dissolved Oxygen Summer 1999





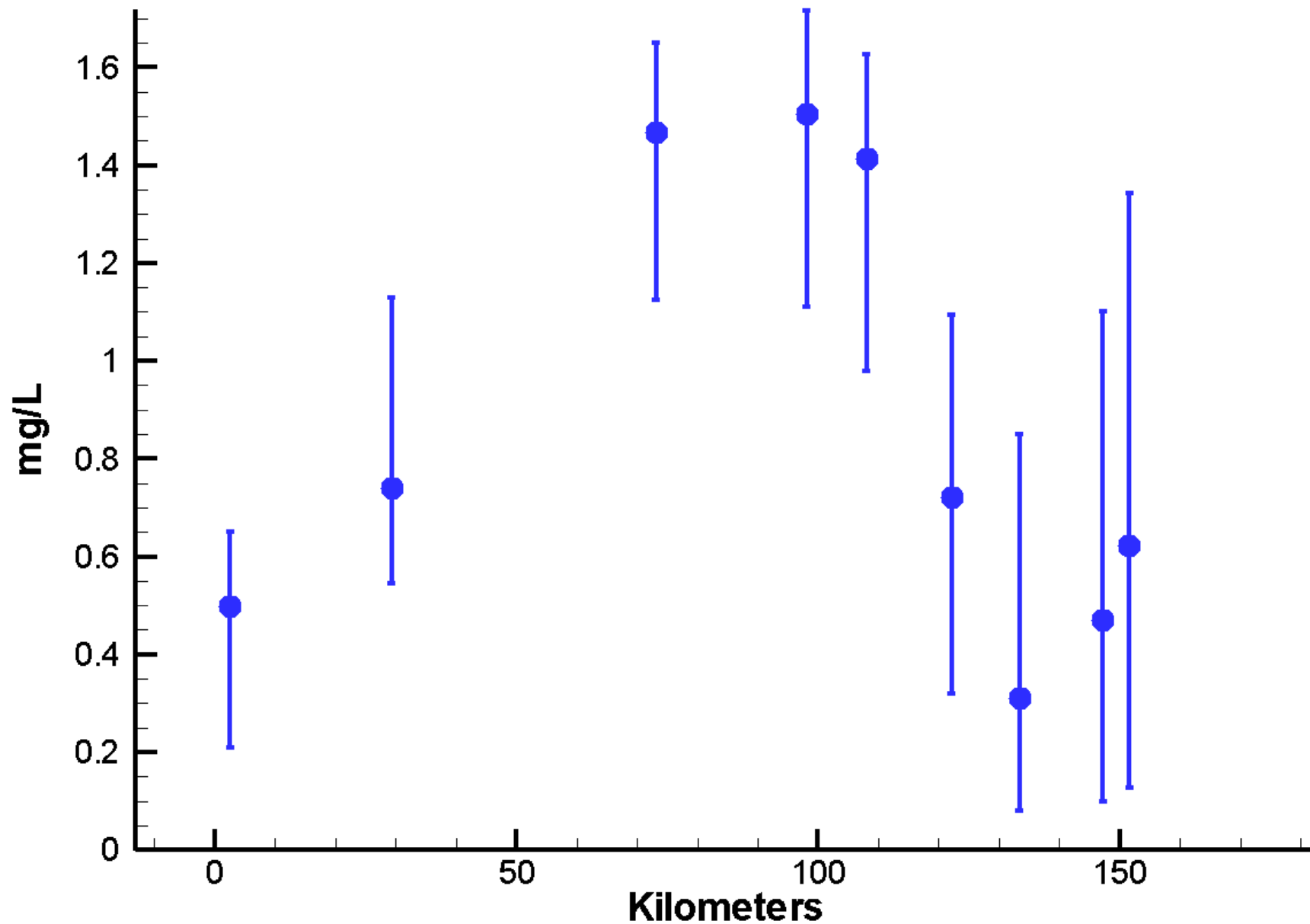
# Potomac River Ches2015 Run118

## Bottom Dissolved Silica Summer 1999



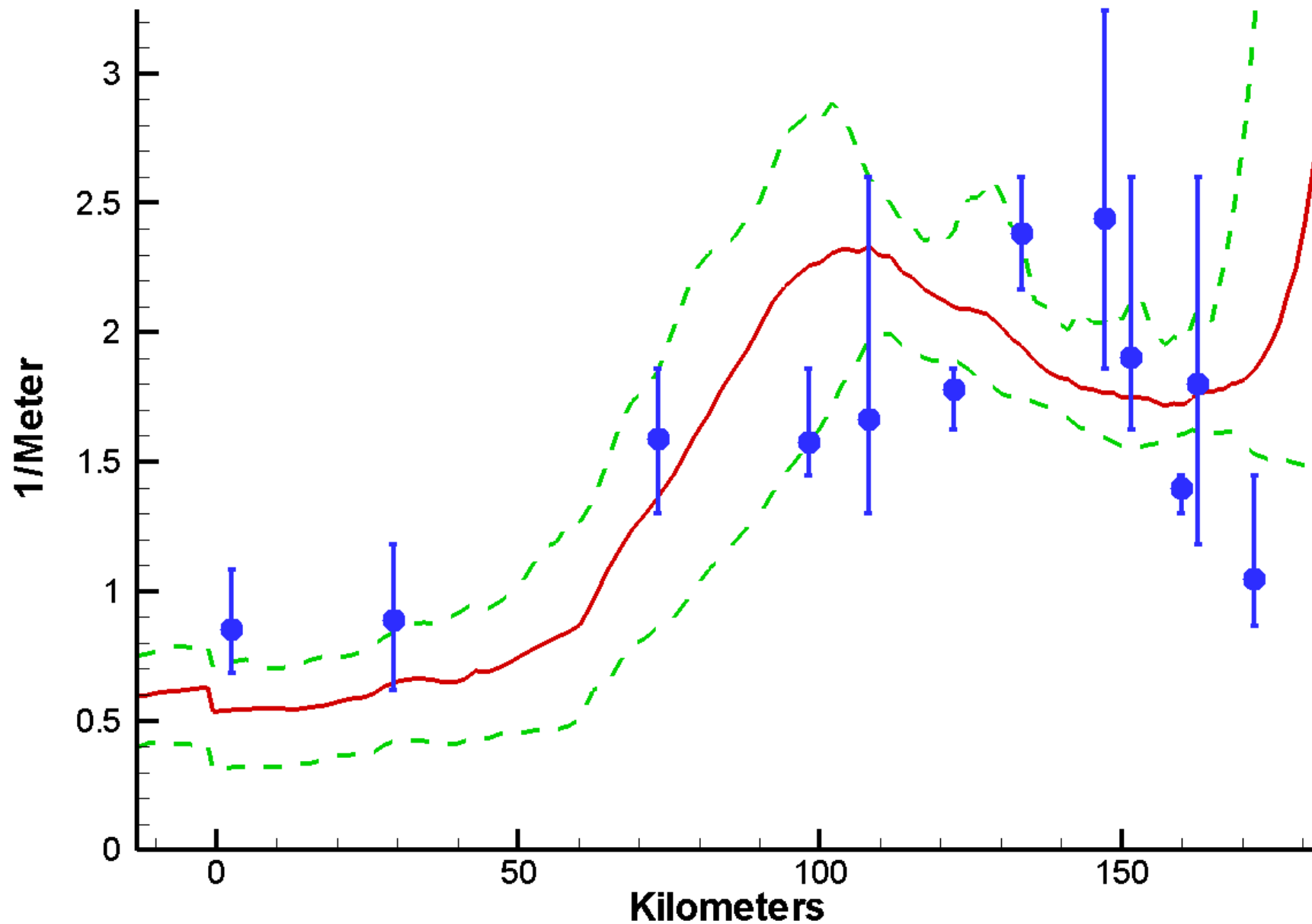
# Potomac River Ches2015 Run118

## Surface Dissolved Silica Summer 1999



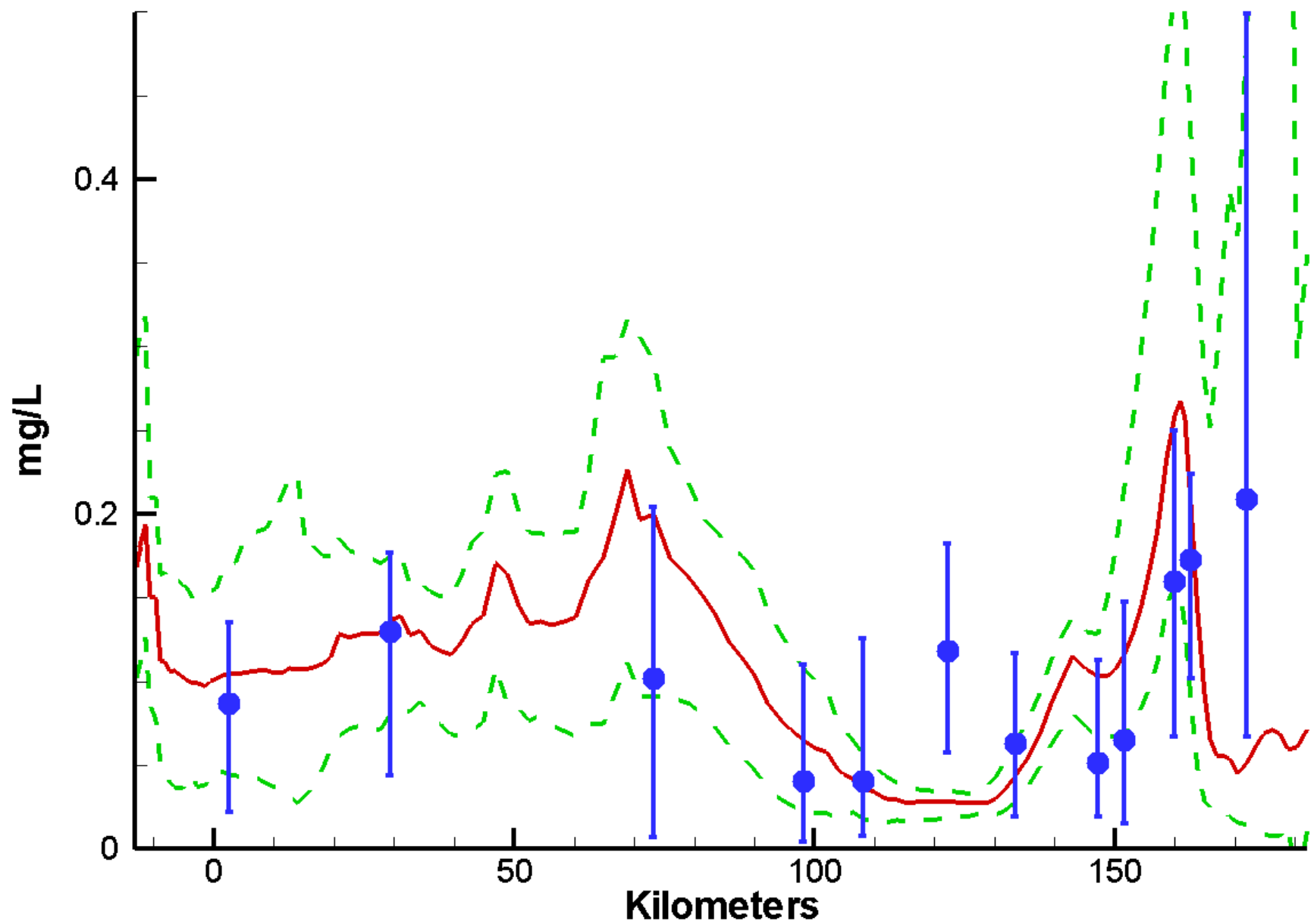
# Potomac River Ches2015 Run118

## Surface Light Extinction Summer 1999

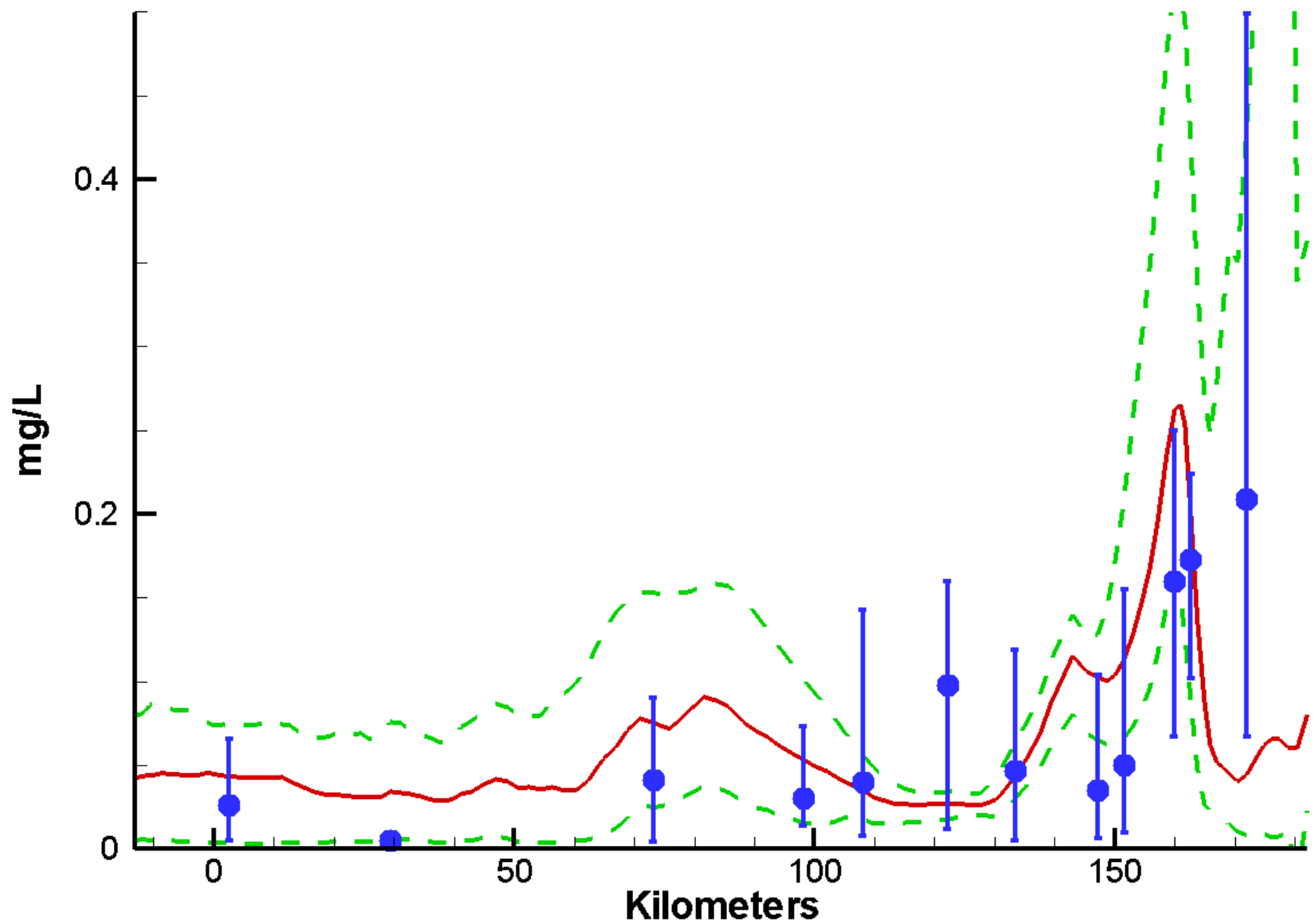


# Potomac River Ches2015 Run118

## Bottom Ammonium Summer 1999

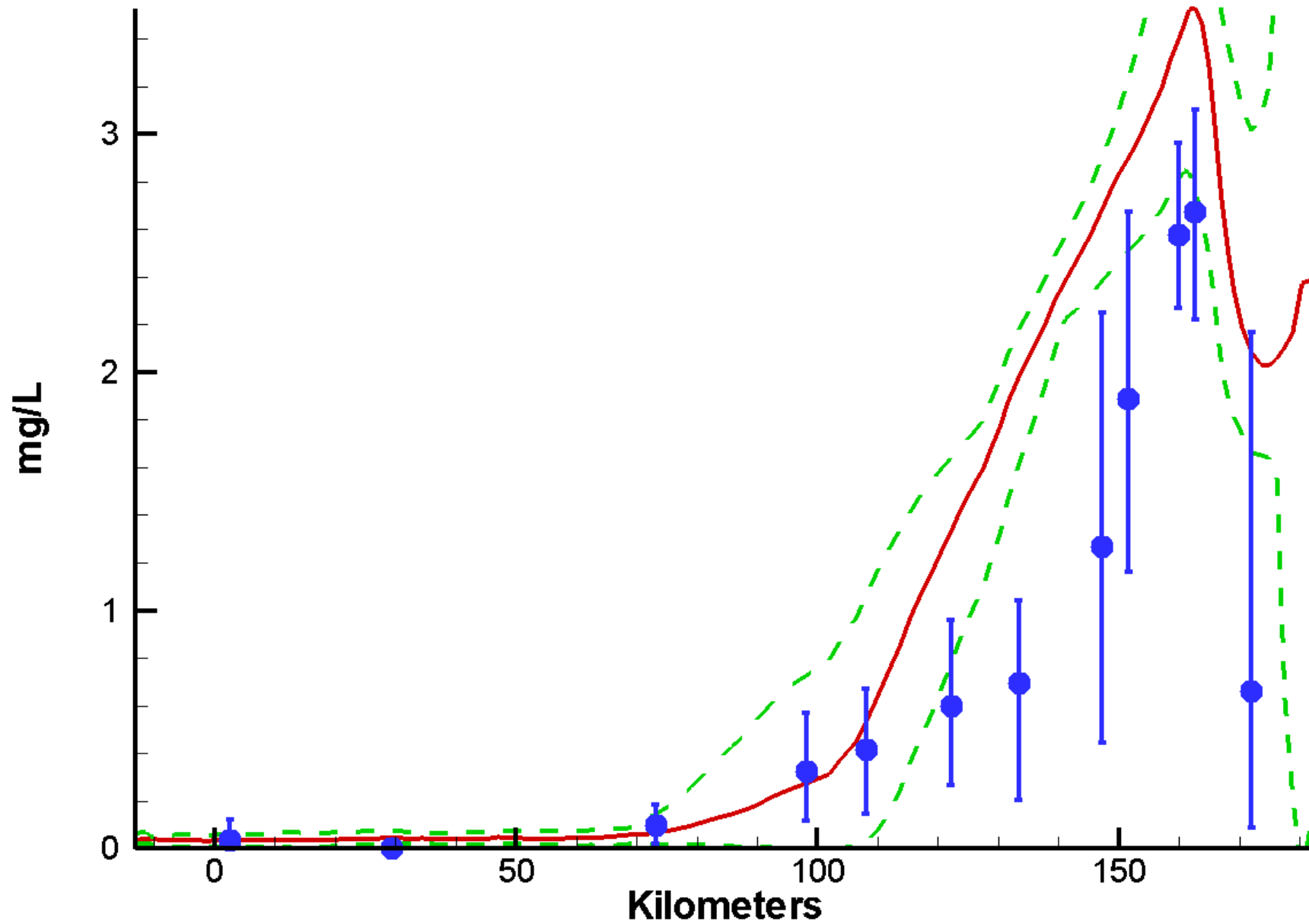


# Potomac River Ches2015 Run118 Surface Ammonium Summer 1999



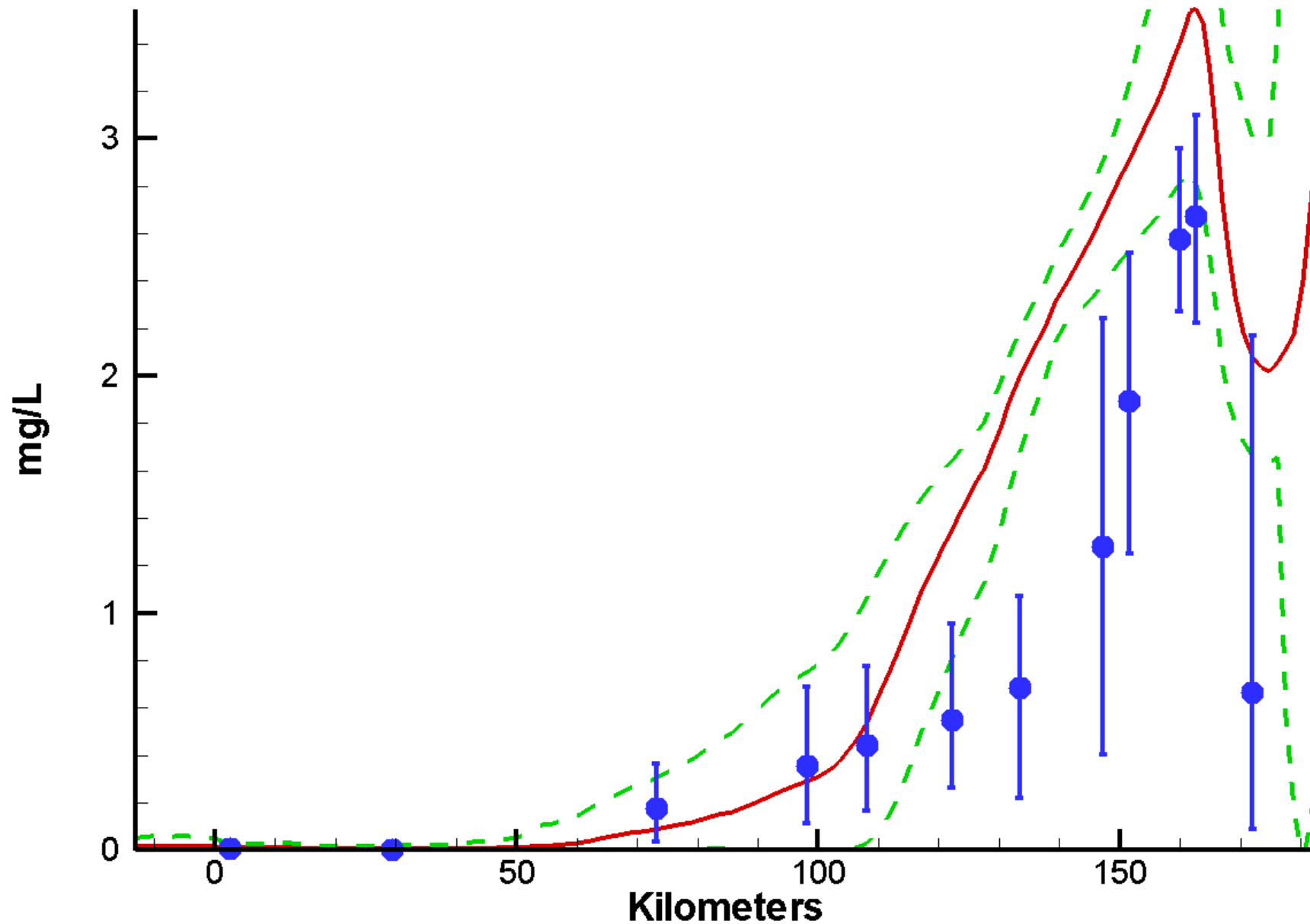
# Potomac River Ches2015 Run118

## Bottom Nitrate Summer 1999



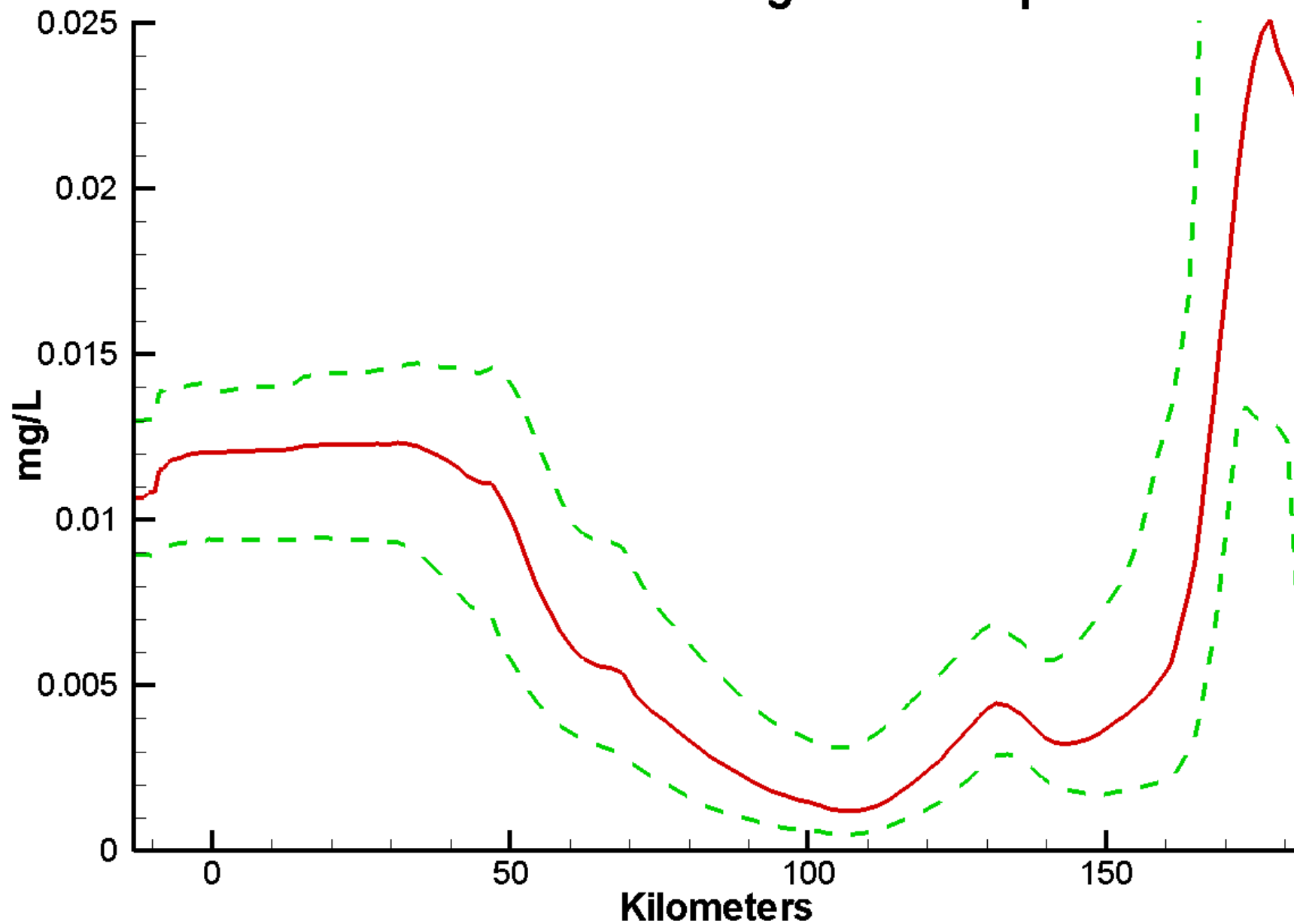
# Potomac River Ches2015 Run118

## Surface Nitrate Summer 1999



# Potomac River Ches2015 Run118

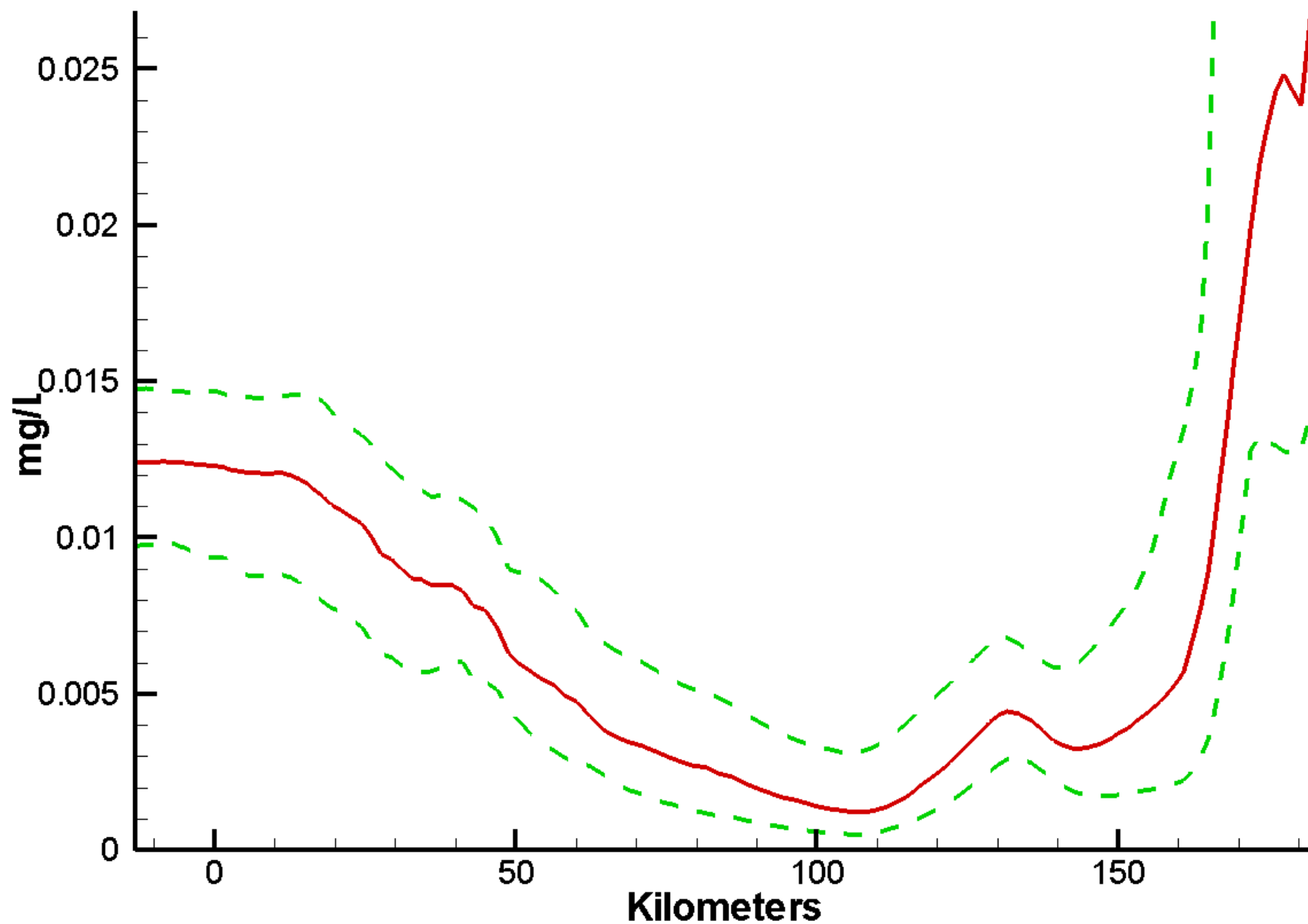
## Bottom Particulate Inorganic Phosphorus Summer 199





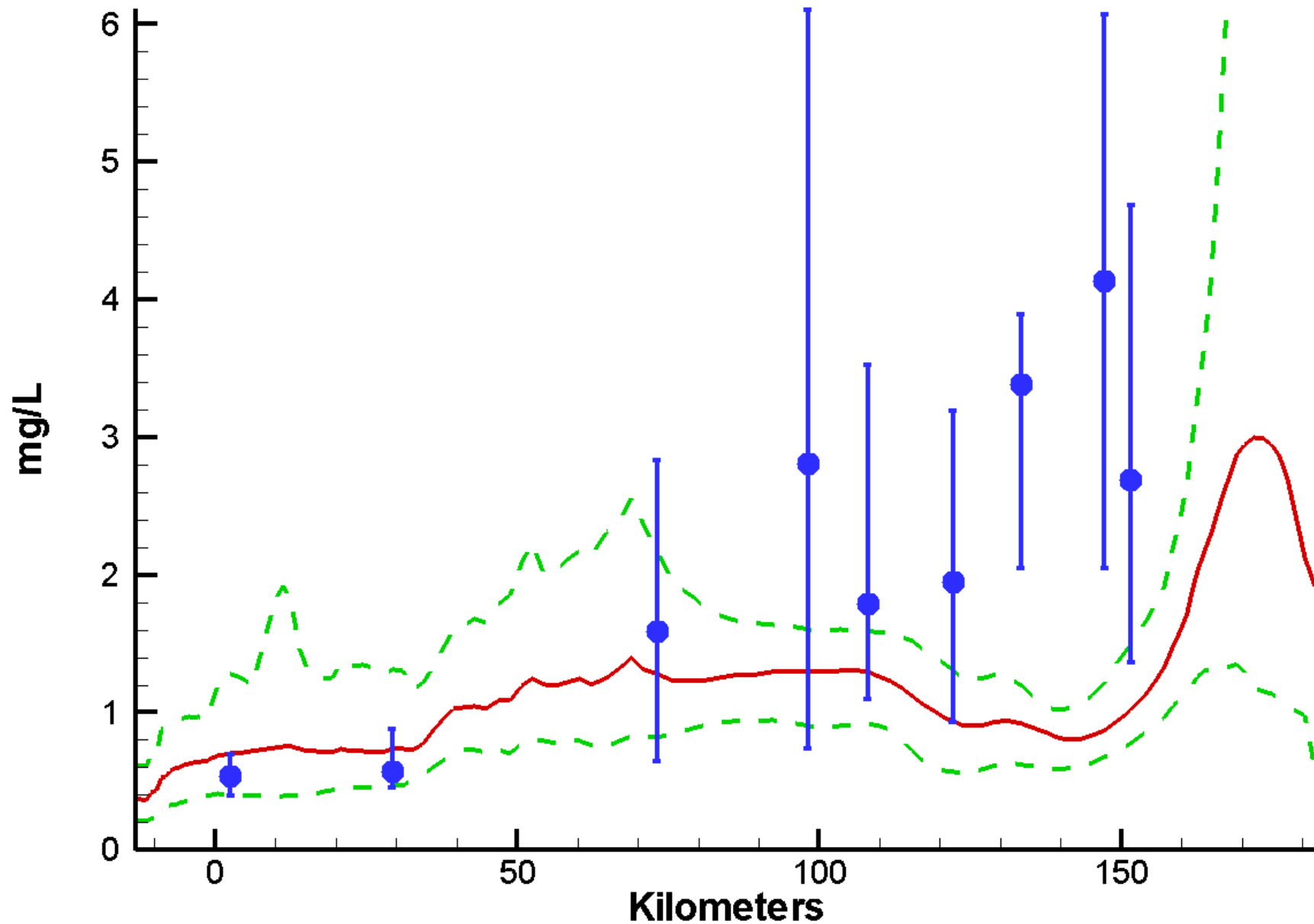
# Potomac River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



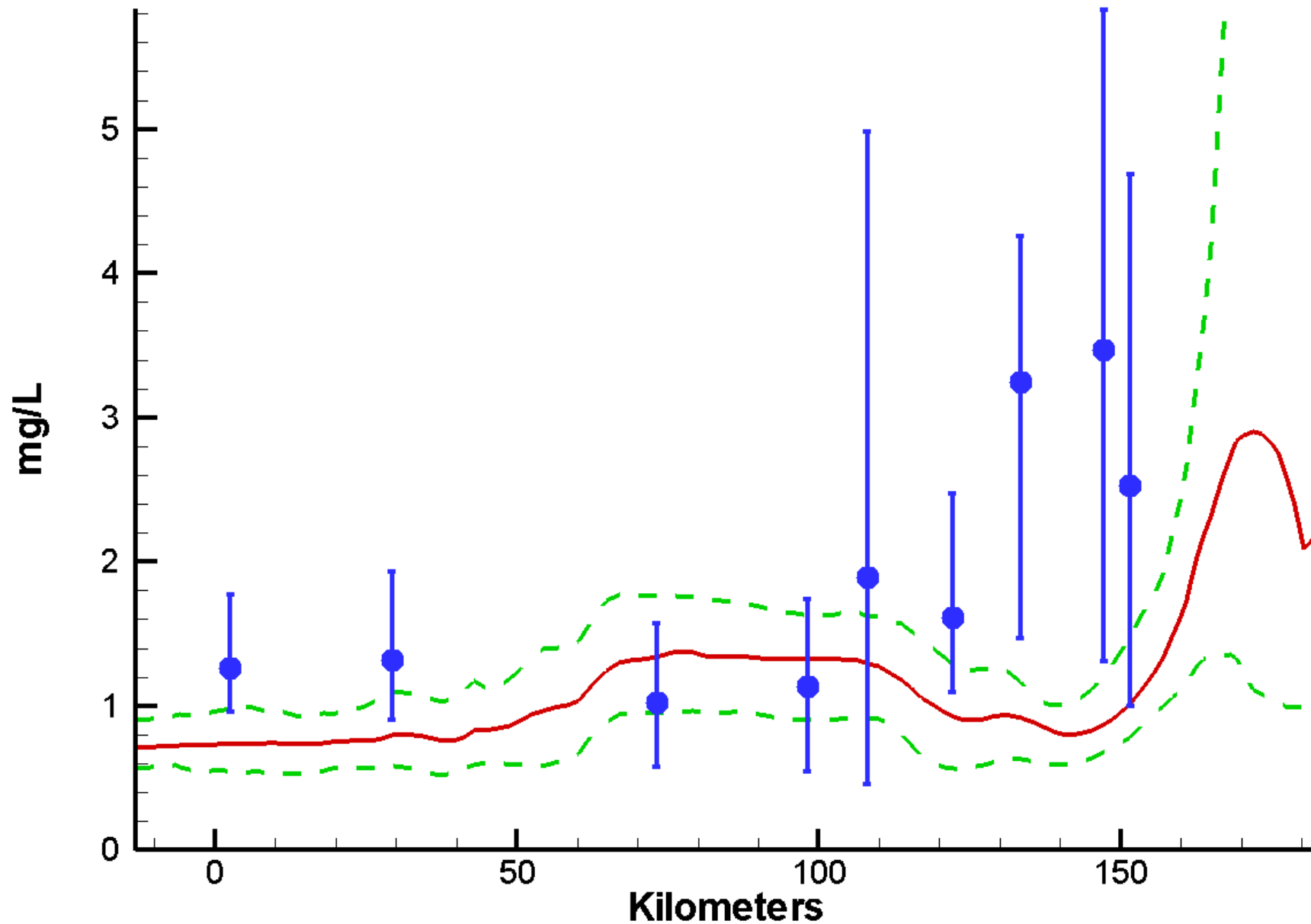
# Potomac River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1999



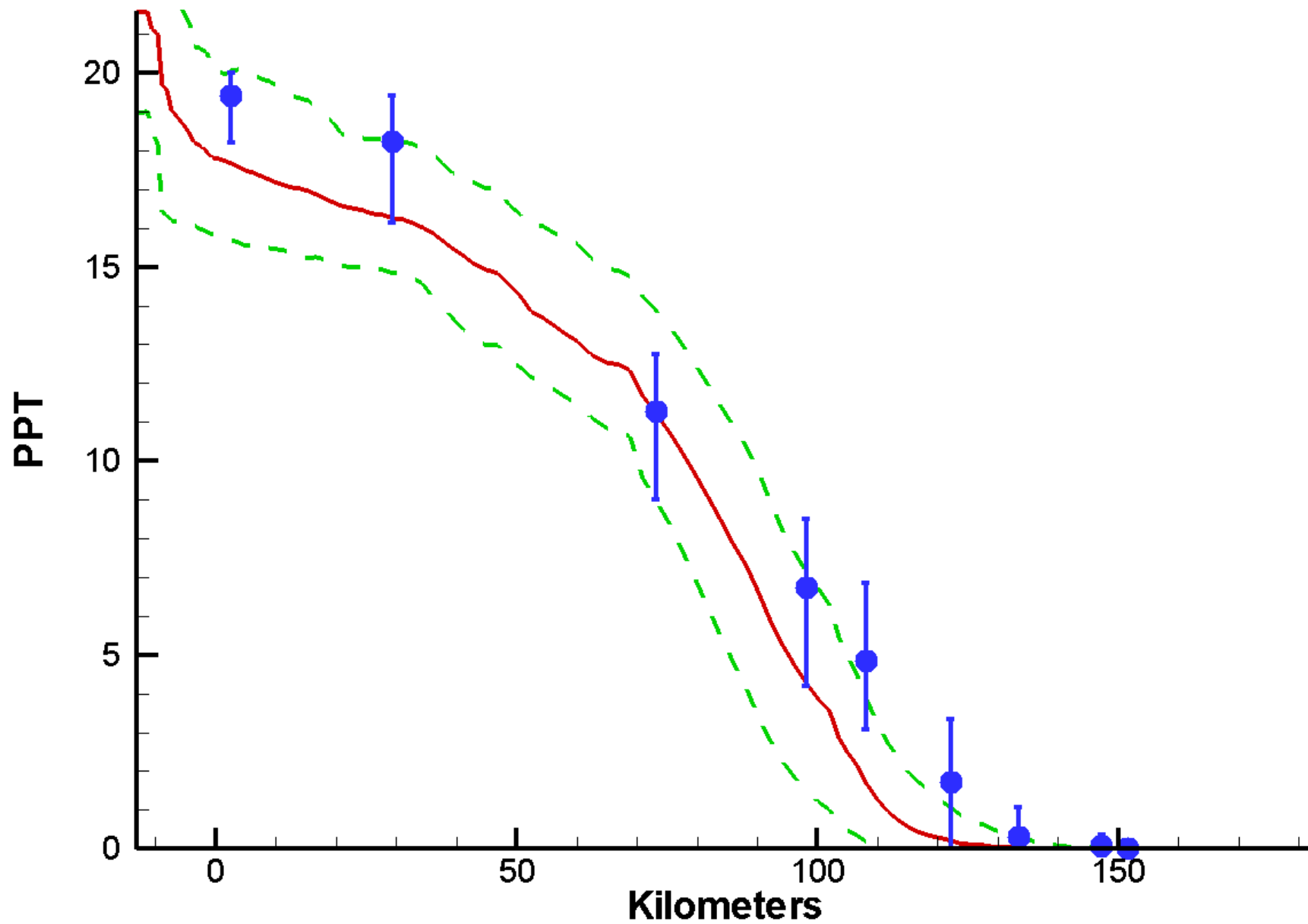
# Potomac River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1999



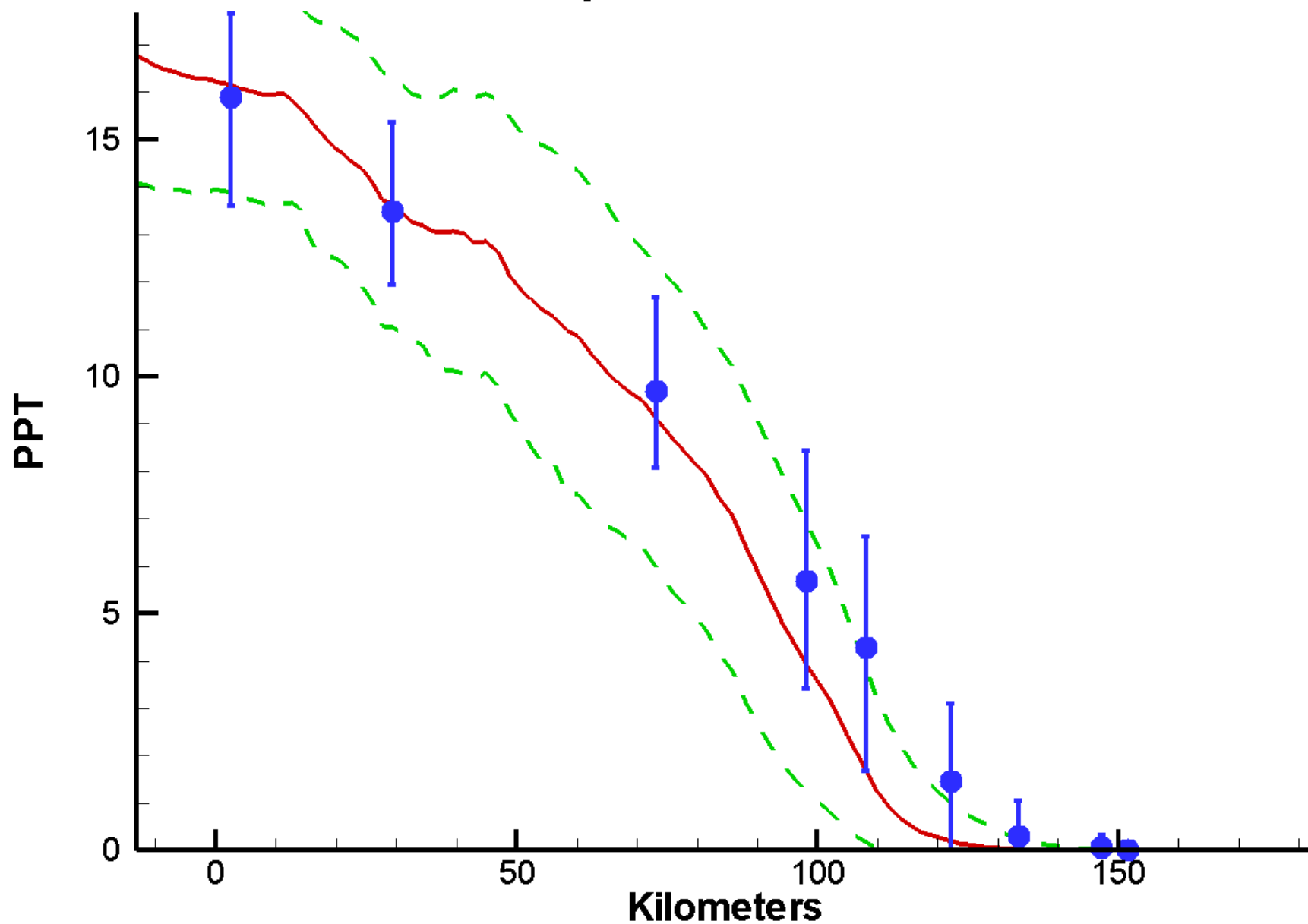
# Potomac River Ches2015 Run118

## Bottom Salinity Summer 1999



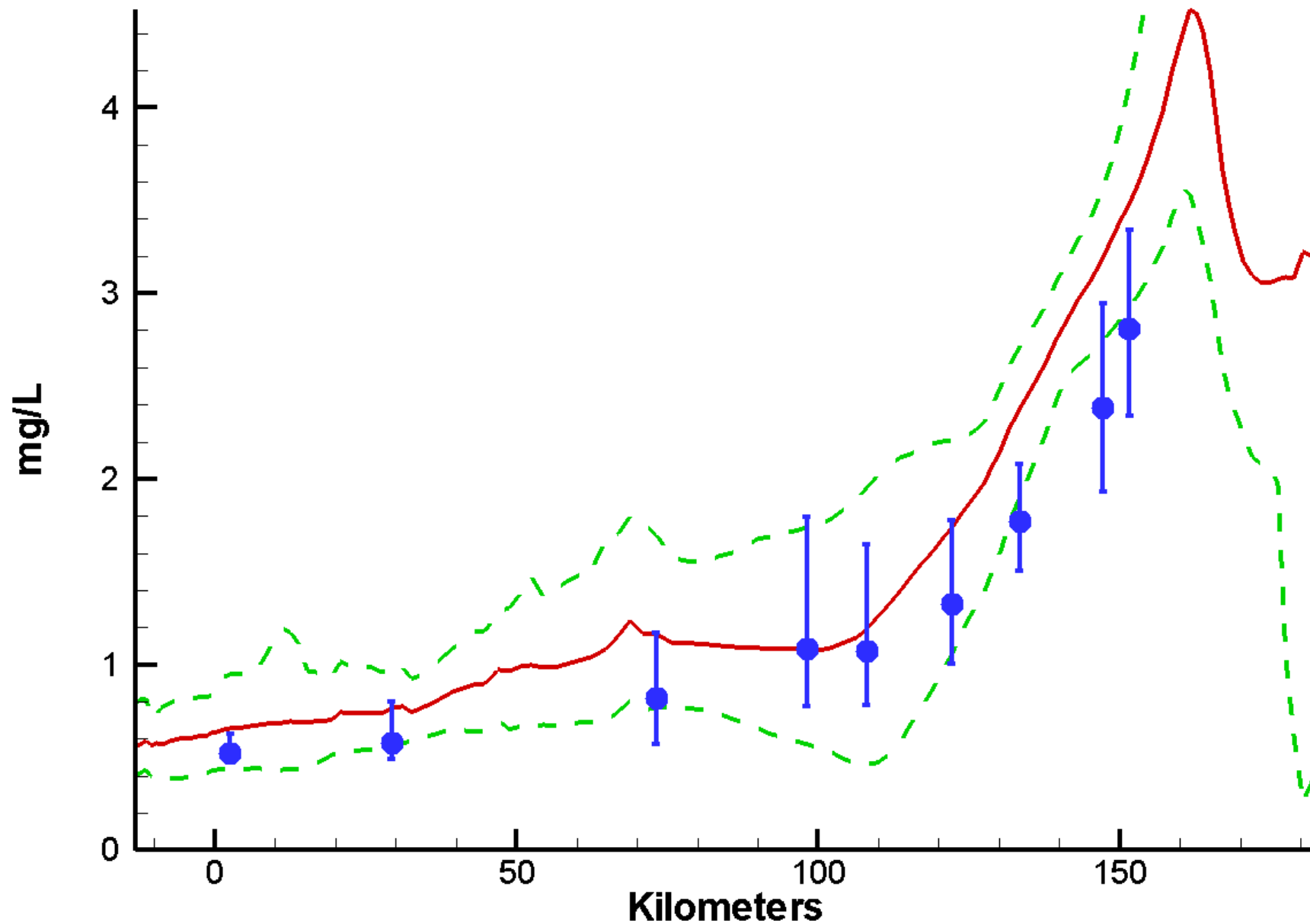
# Potomac River Ches2015 Run118

## Surface Salinity Summer 1999



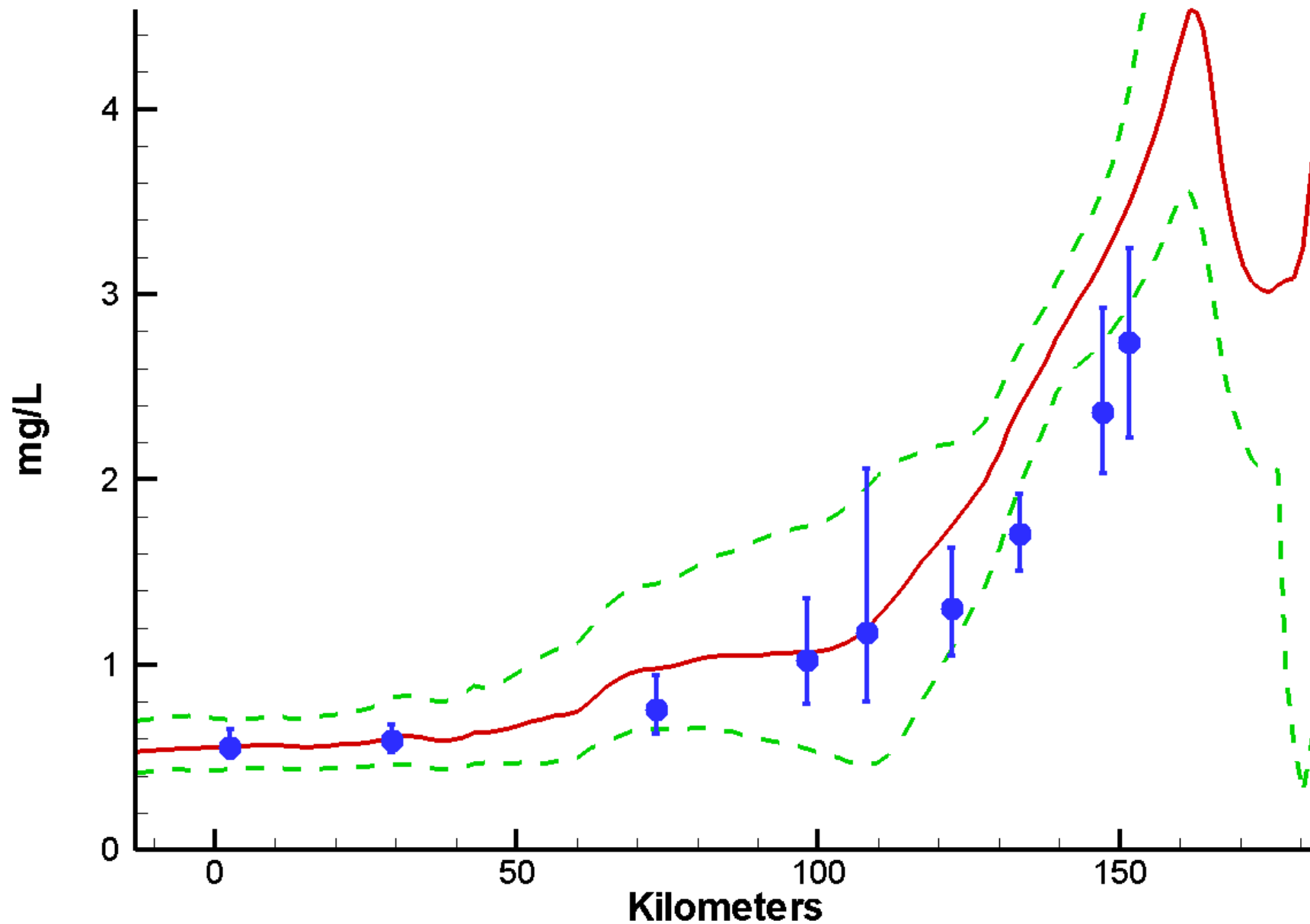
# Potomac River Ches2015 Run118

## Bottom Total Nitrogen Summer 1999



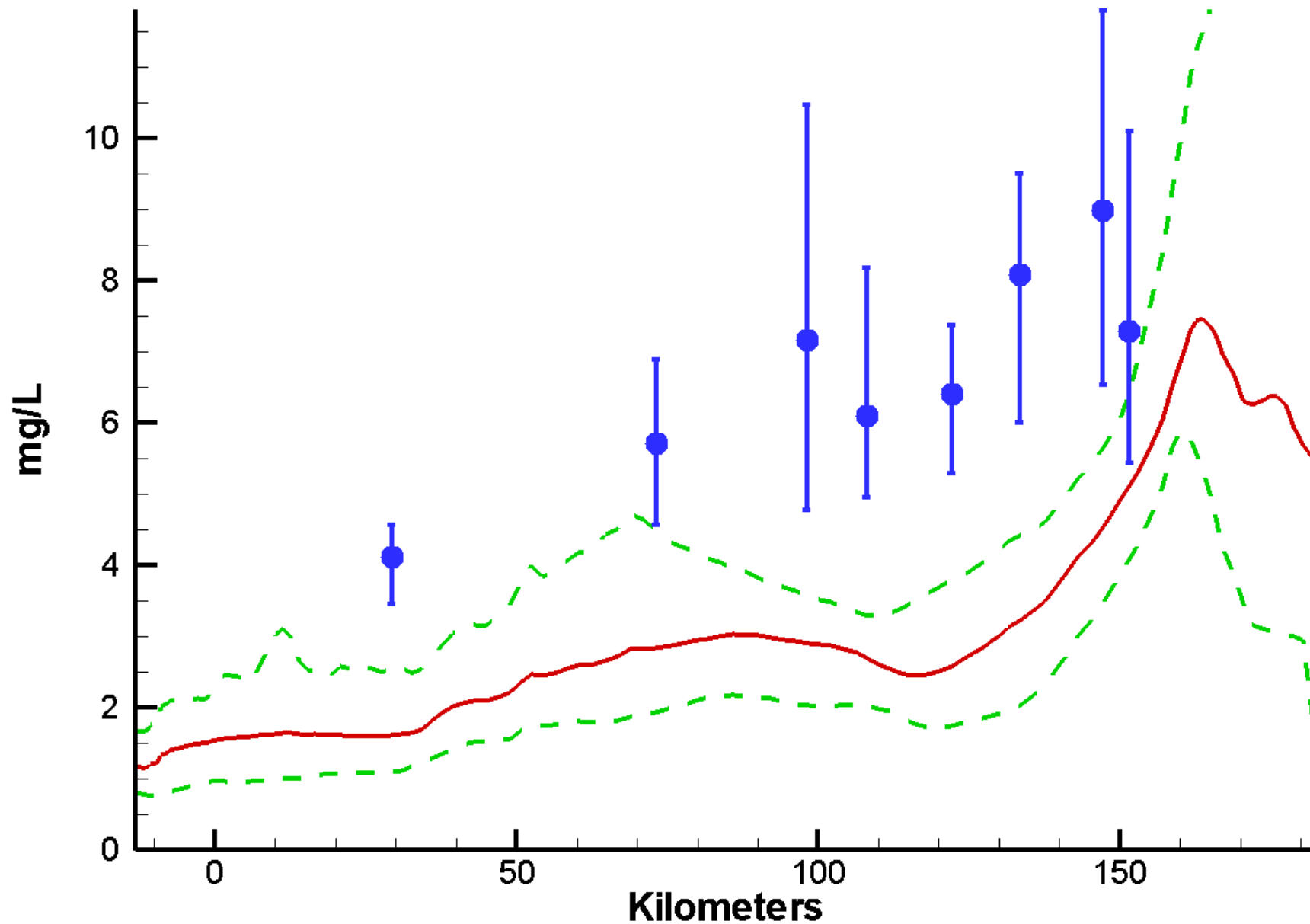
# Potomac River Ches2015 Run118

## Surface Total Nitrogen Summer 1999



# Potomac River Ches2015 Run118

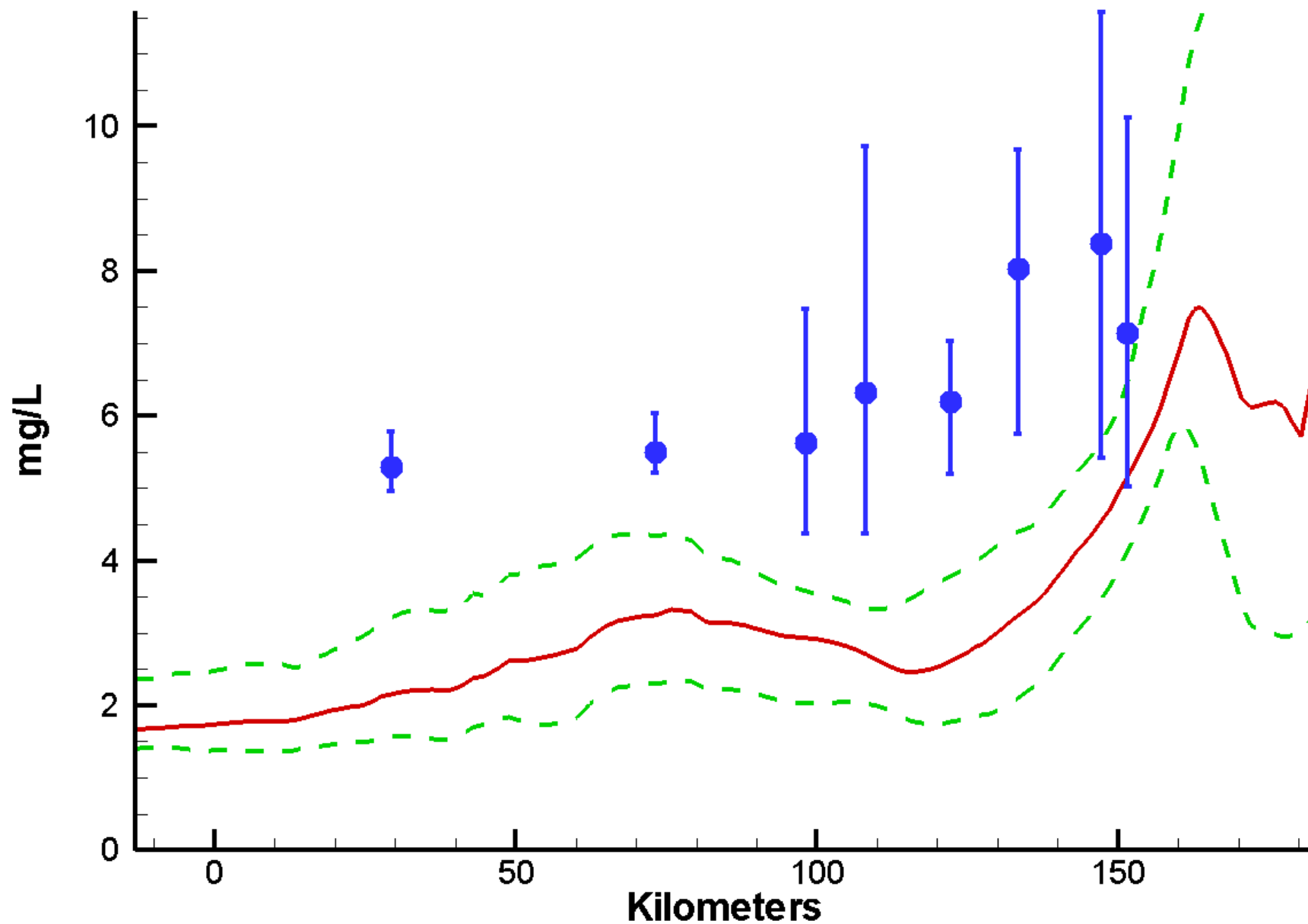
## Bottom Total Organic Carbon Summer 1999





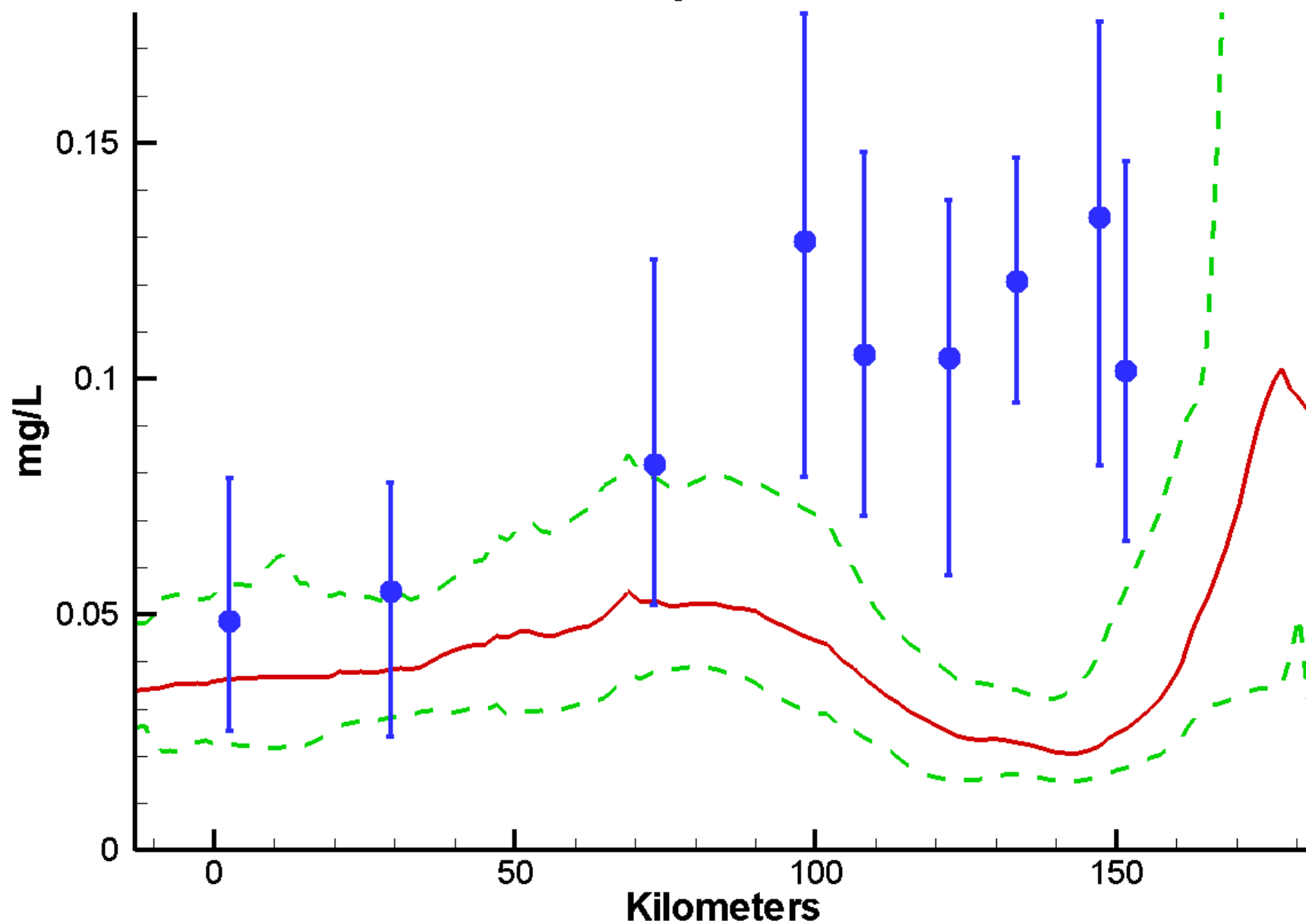
# Potomac River Ches2015 Run118

## Surface Total Organic Carbon Summer 1999



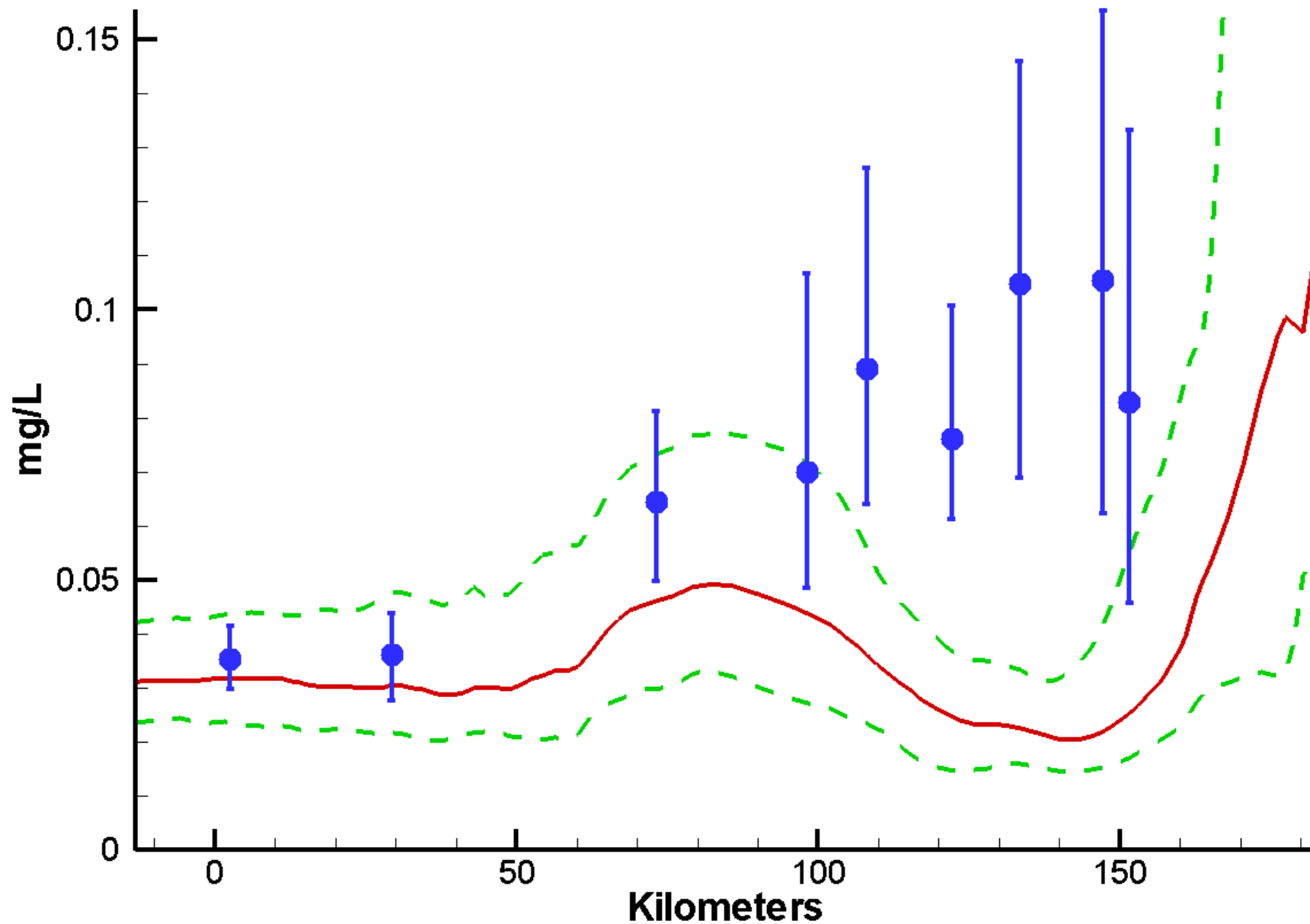
# Potomac River Ches2015 Run118

## Bottom Total Phosphorus Summer 1999



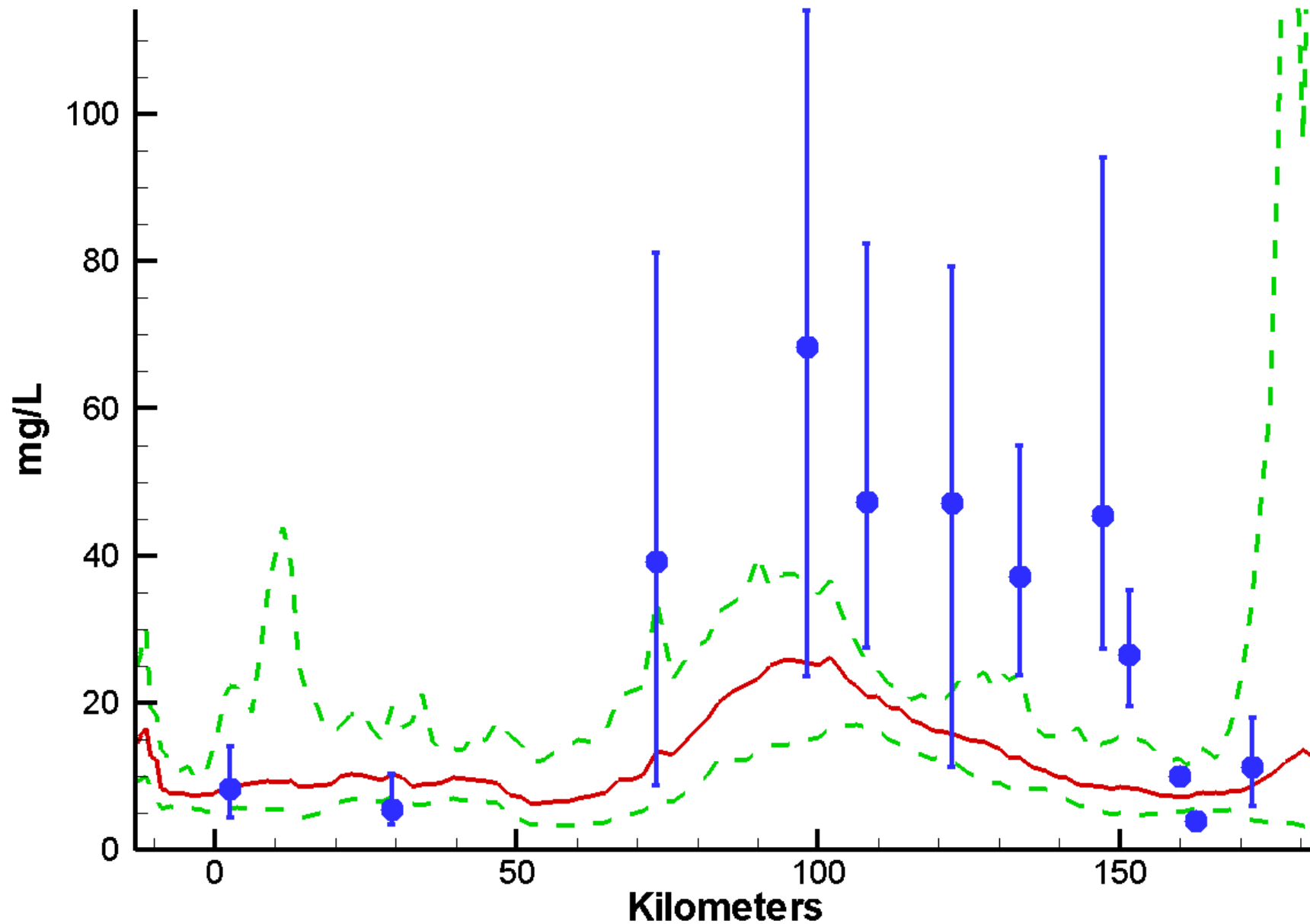
# Potomac River Ches2015 Run118

## Surface Total Phosphorus Summer 1999



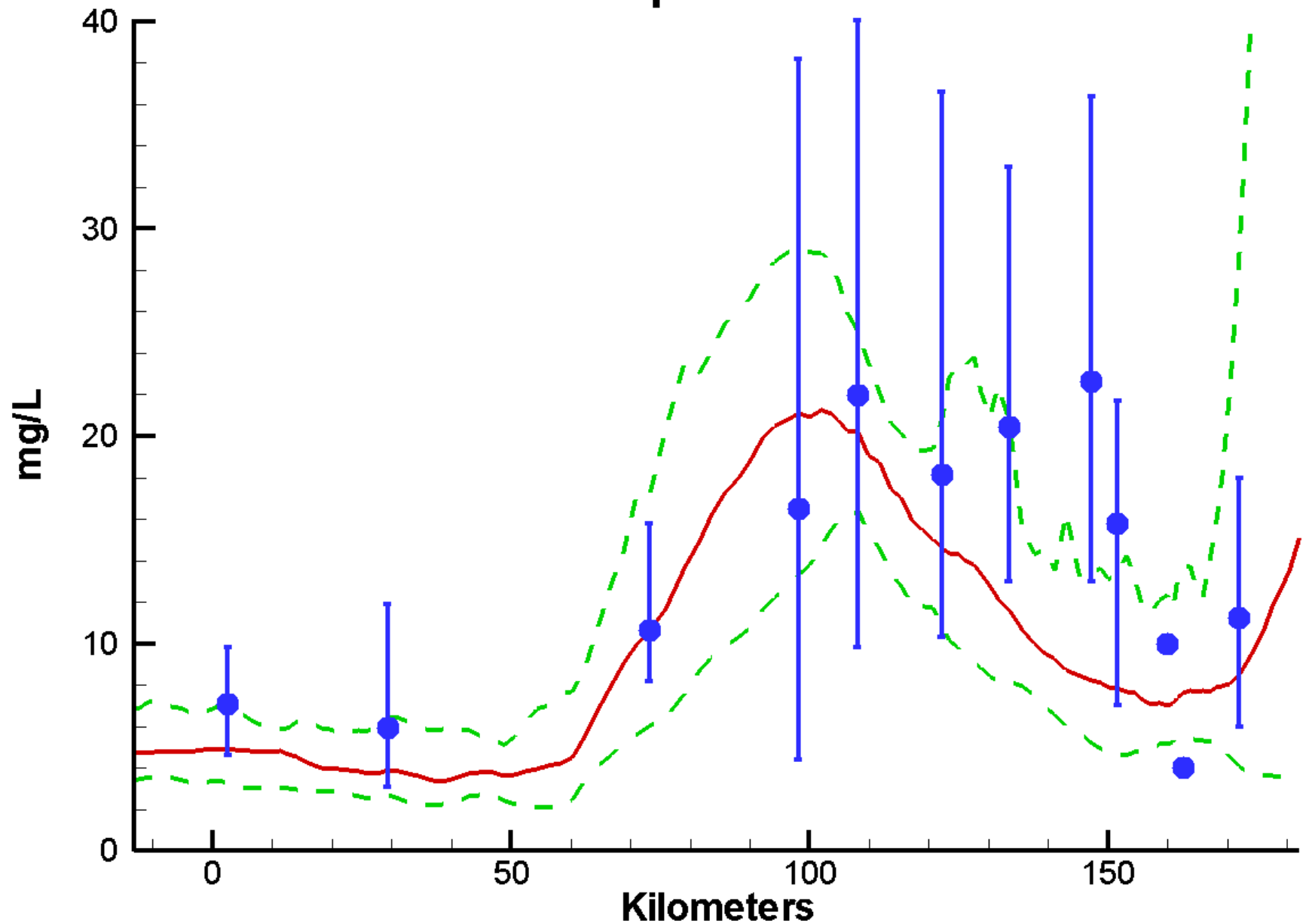
# Potomac River Ches2015 Run118

## Bottom Total Suspended Solids Summer 1999



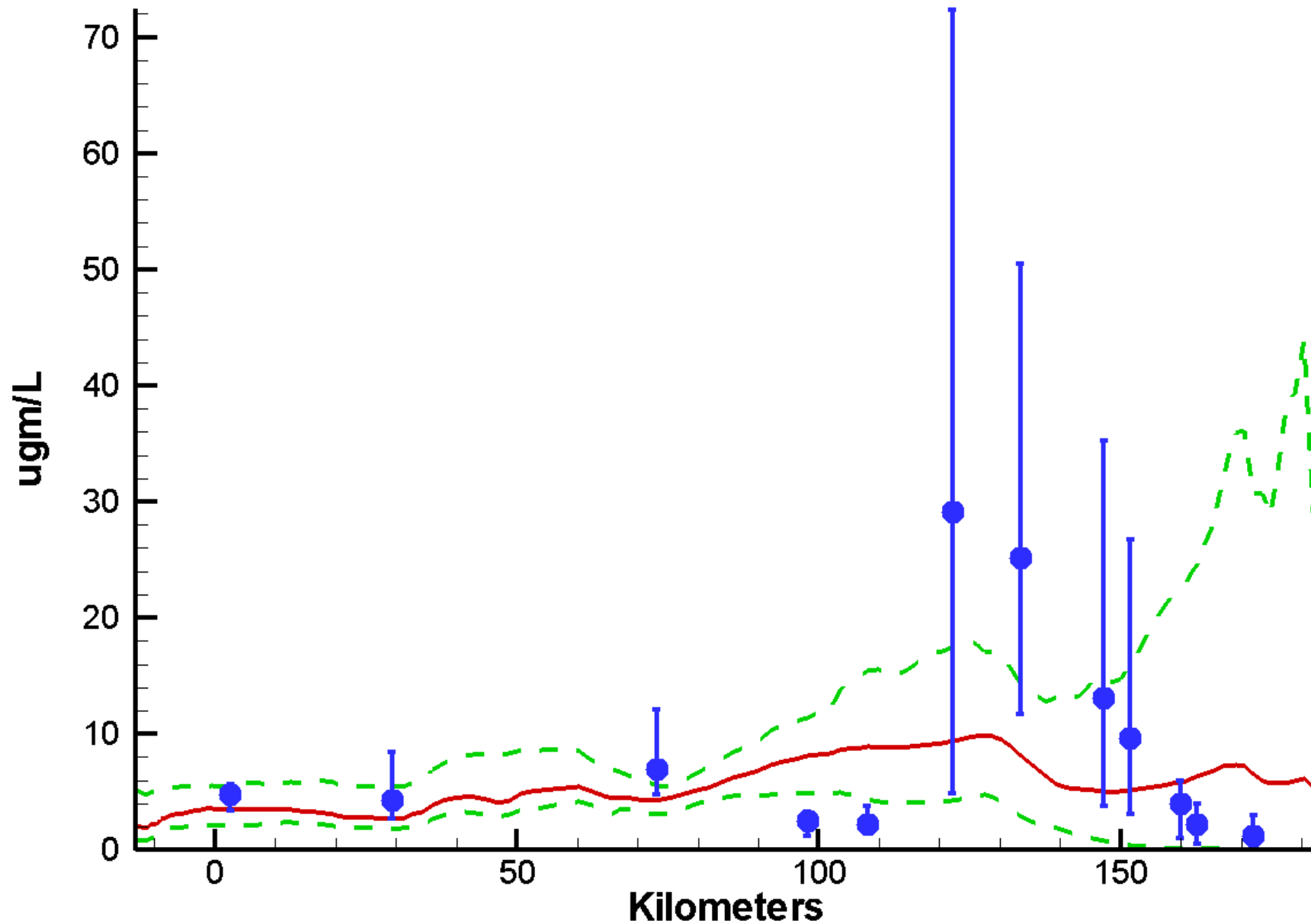
# Potomac River Ches2015 Run118

## Surface Total Suspended Solids Summer 1999



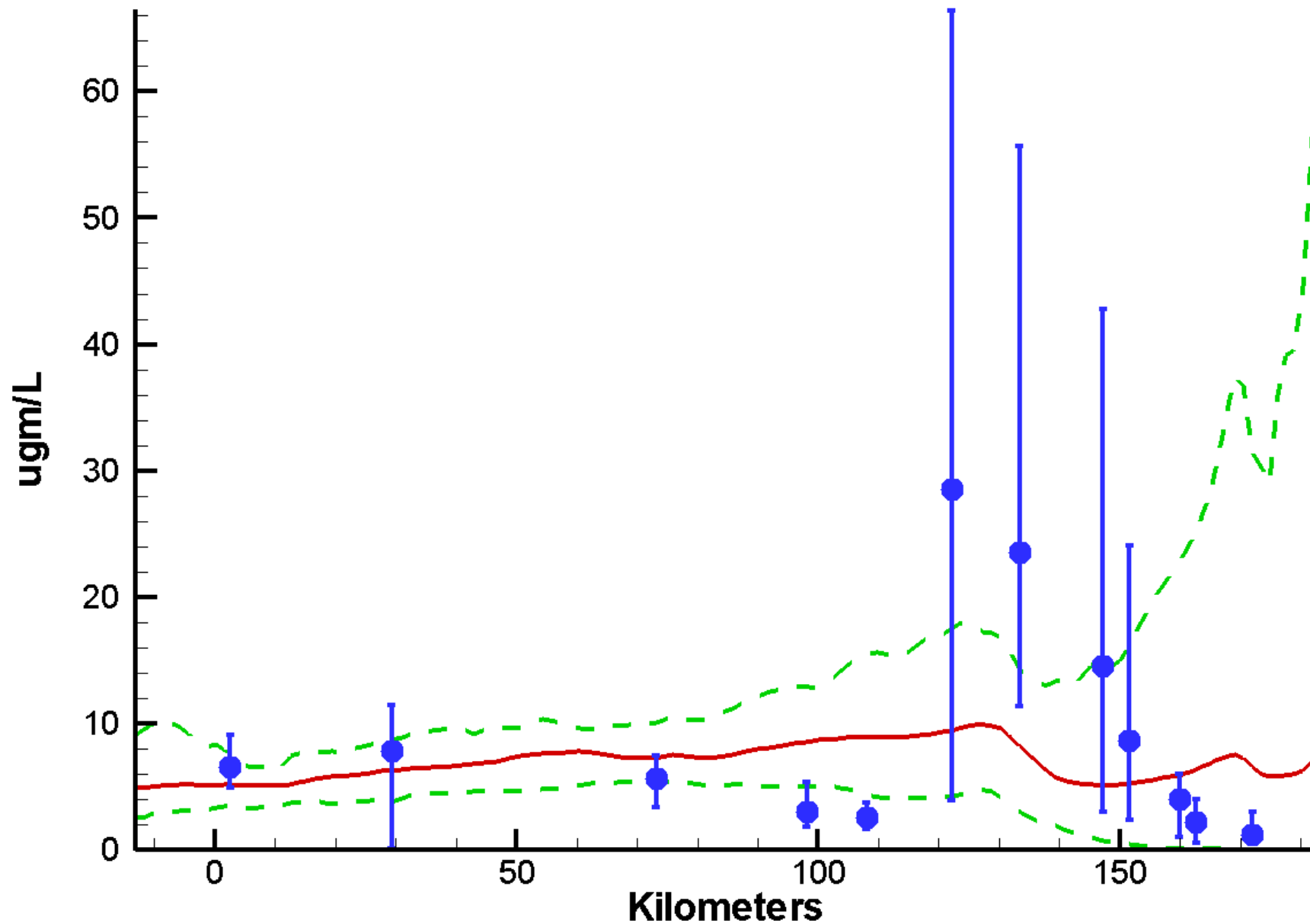
# Potomac River Ches2015 Run118

## Bottom Chlorophyll Fall 1999



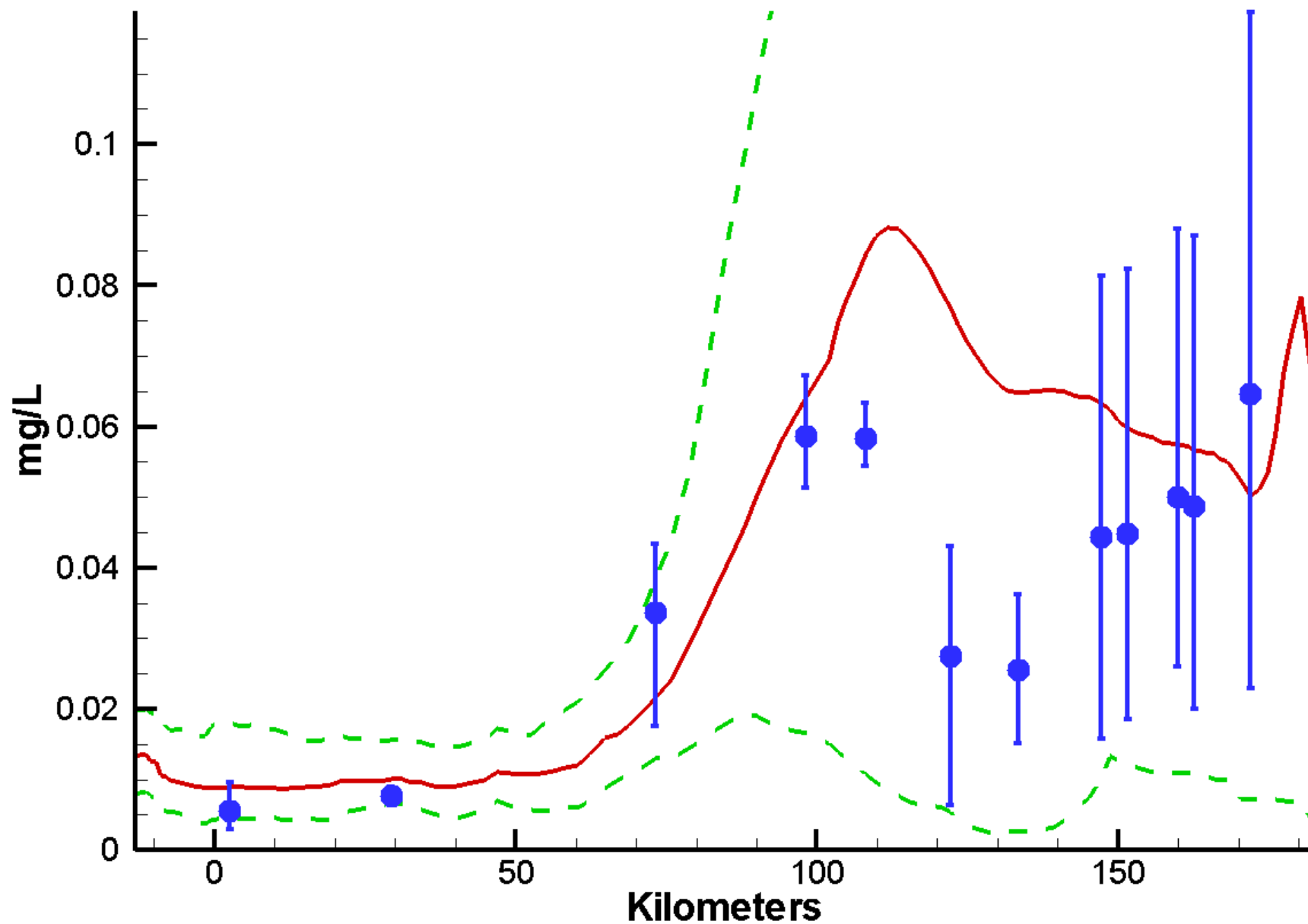
# Potomac River Ches2015 Run118

## Surface Chlorophyll Fall 1999



# Potomac River Ches2015 Run118

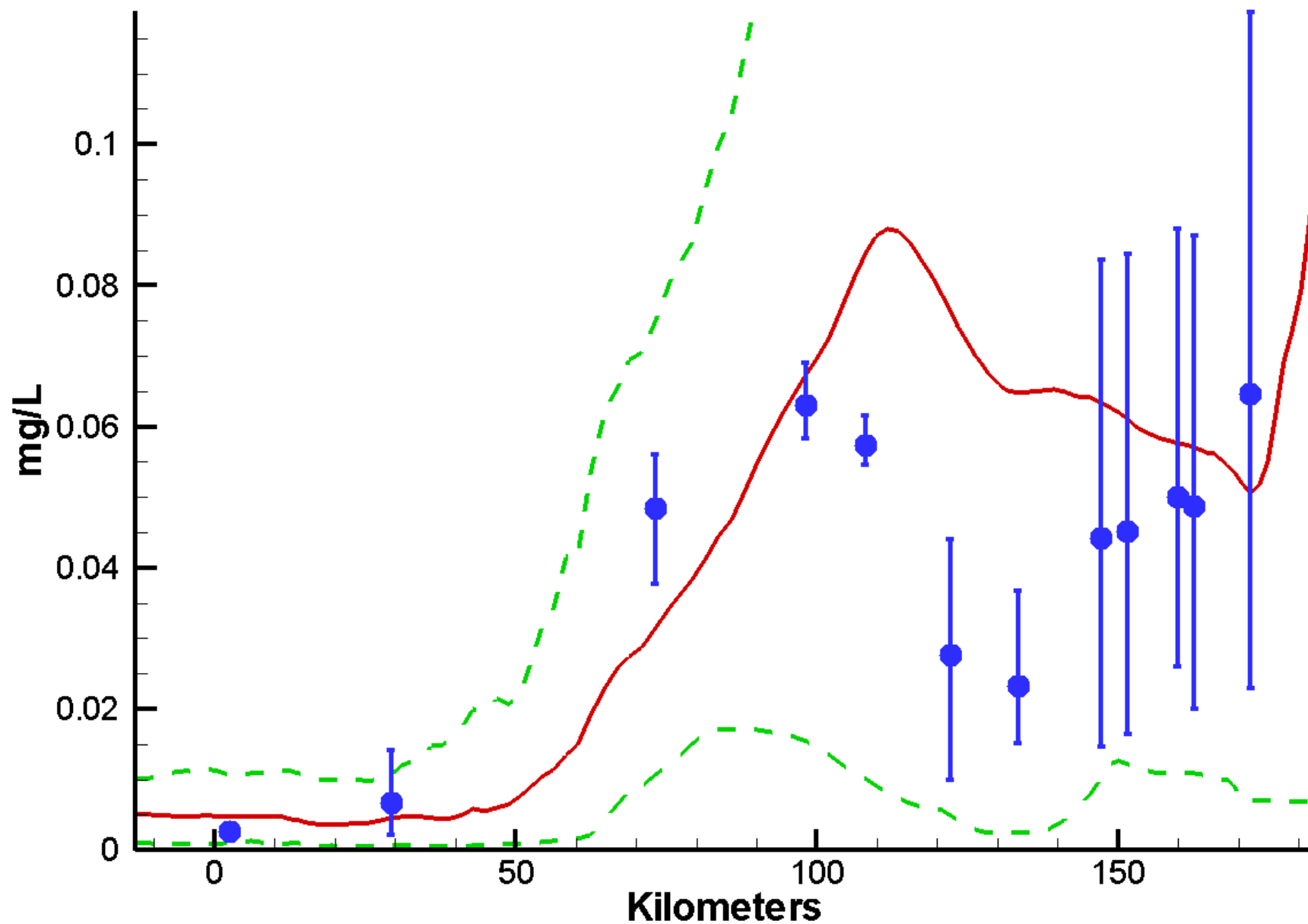
## Bottom Dissolved Phosphate Fall 1999





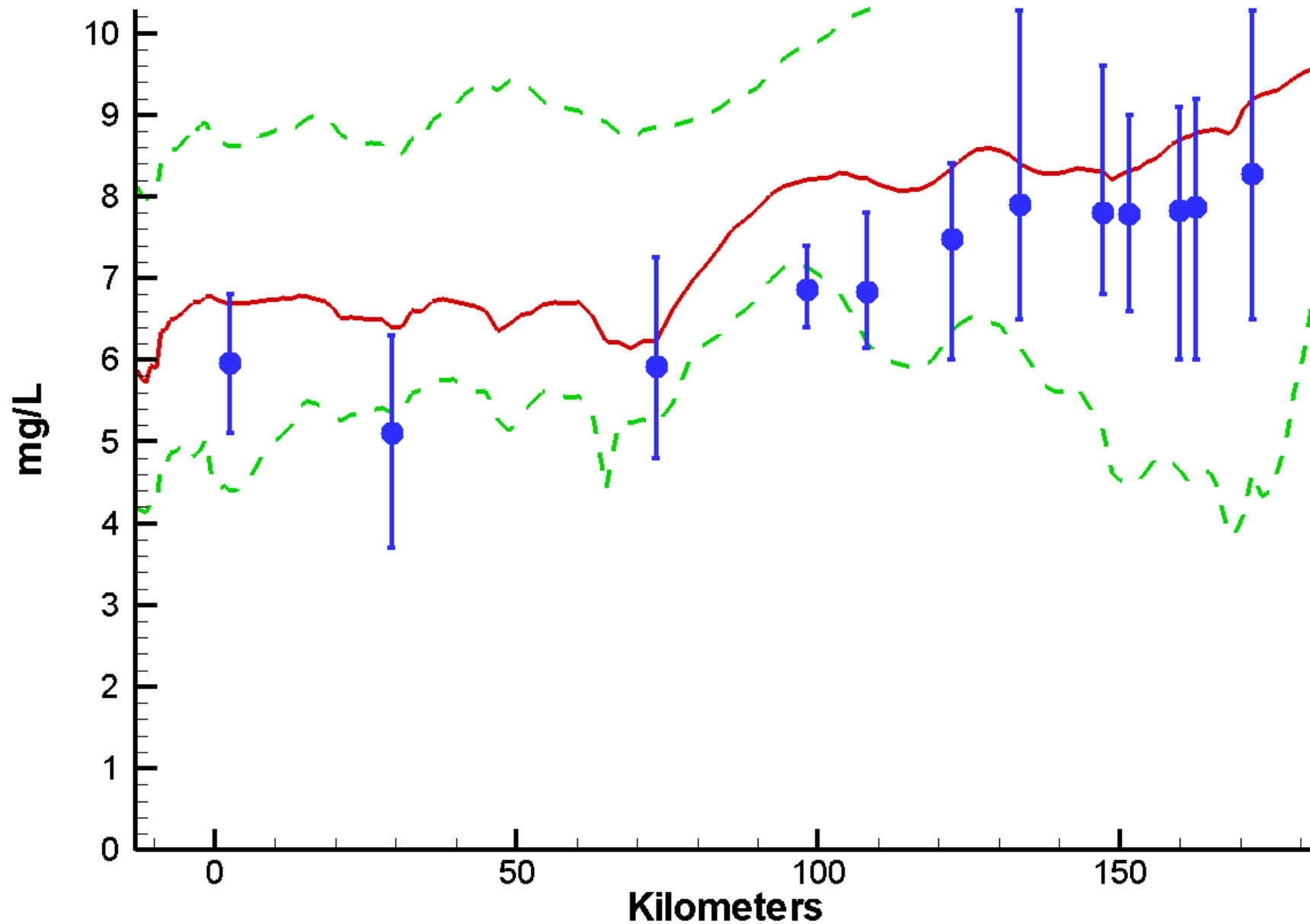
# Potomac River Ches2015 Run118

## Surface Dissolved Phosphate Fall 1999



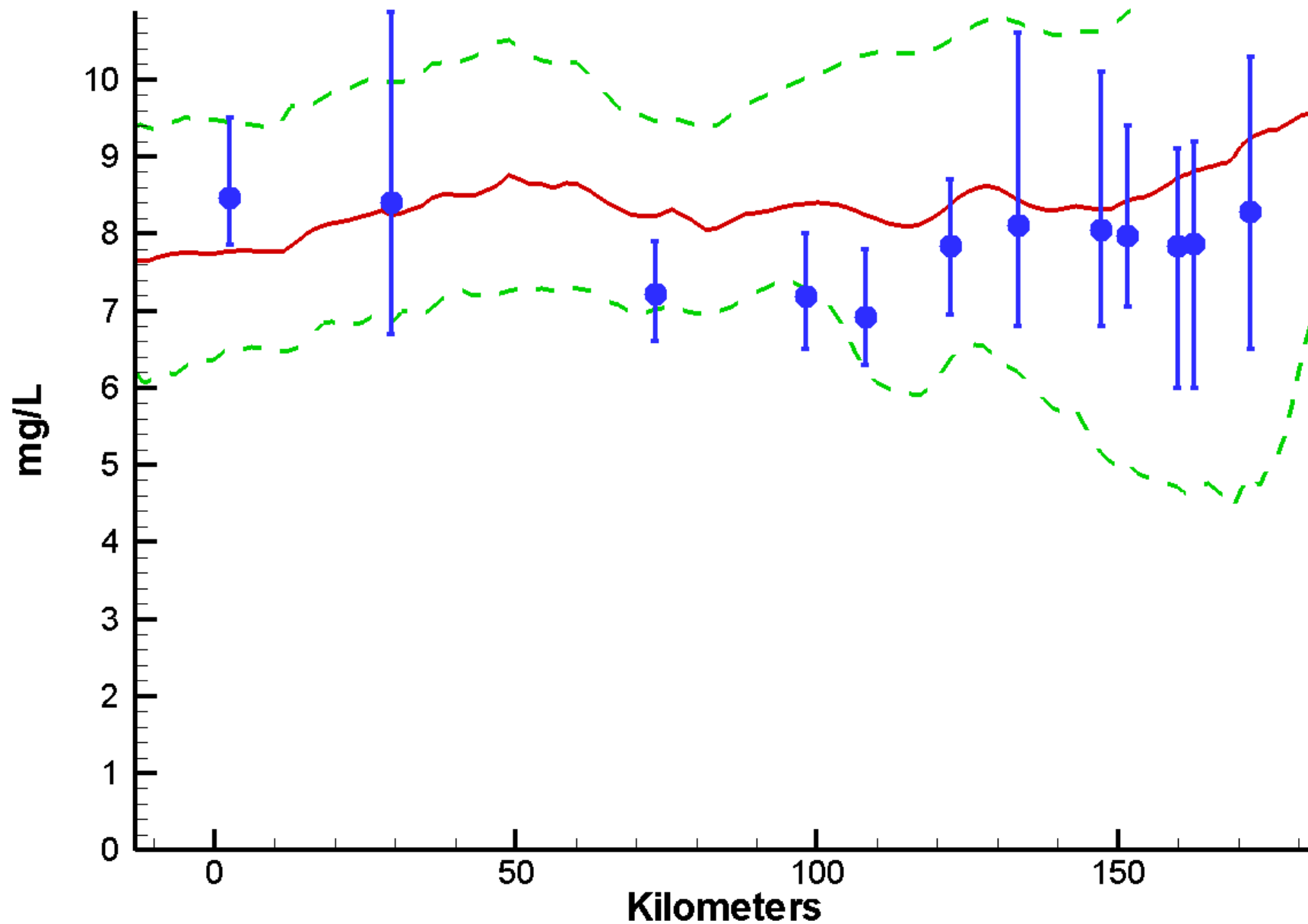
# Potomac River Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1999



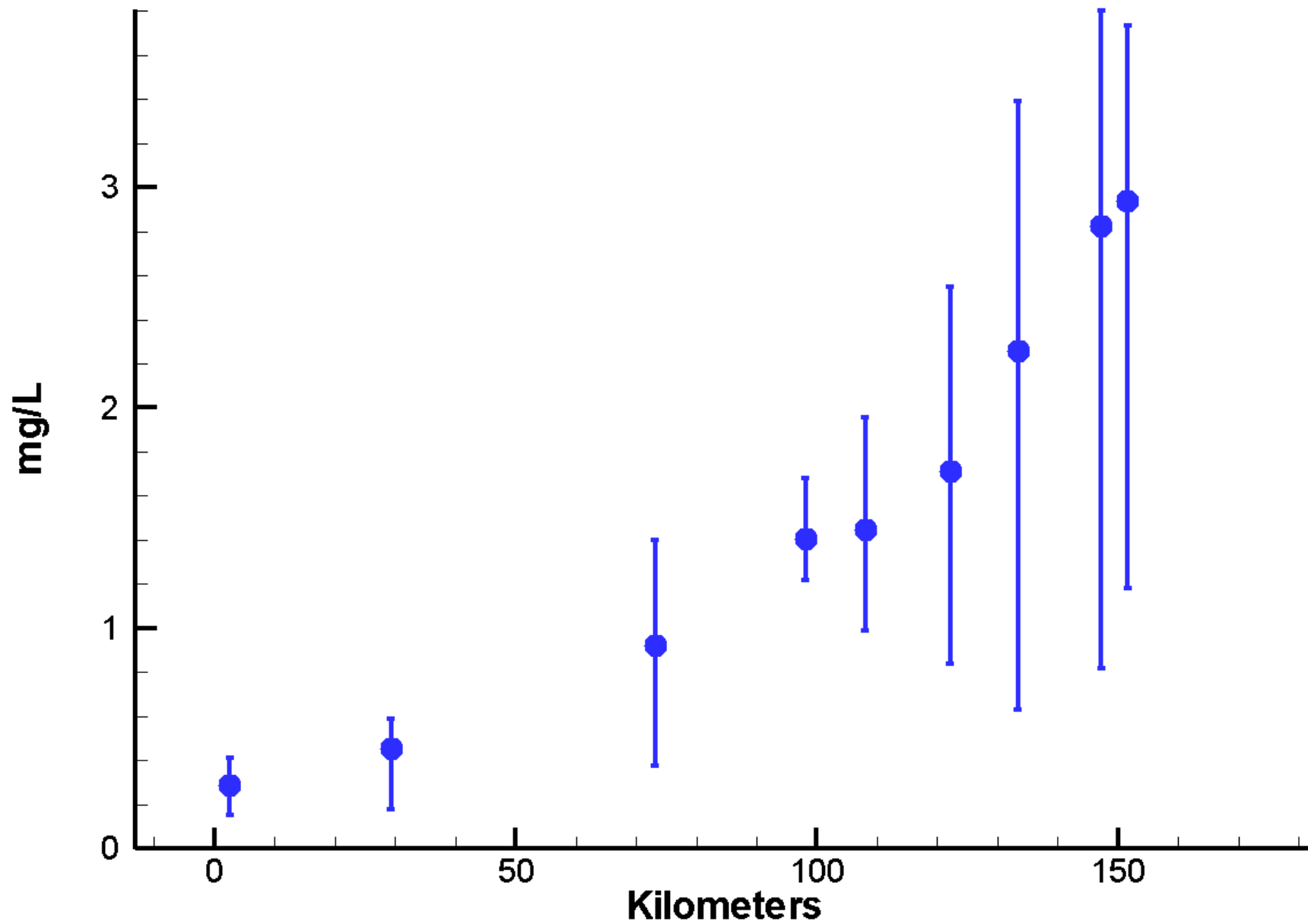
# Potomac River Ches2015 Run118

## Surface Dissolved Oxygen Fall 1999

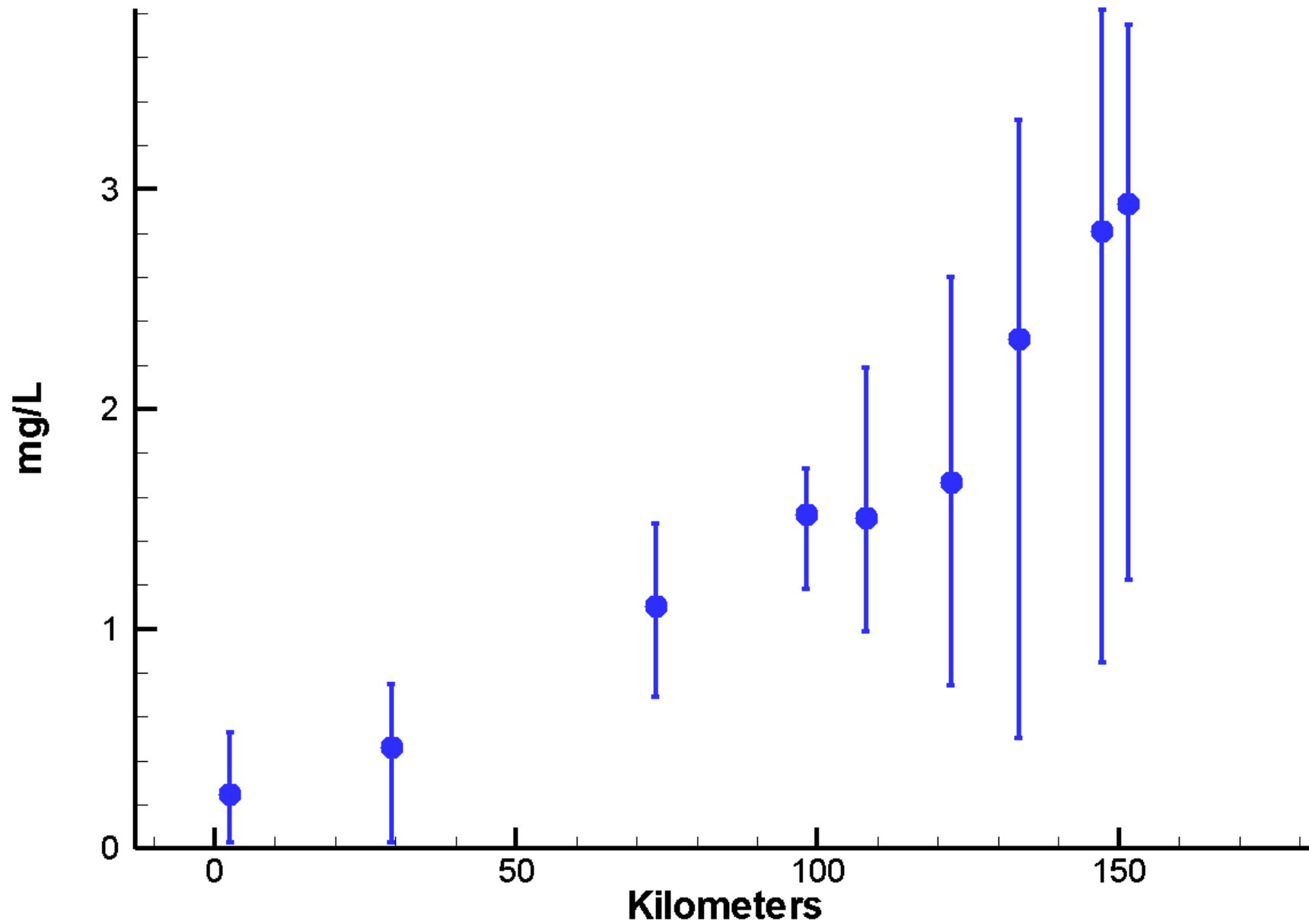


# Potomac River Ches2015 Run118

## Bottom Dissolved Silica Fall 1999

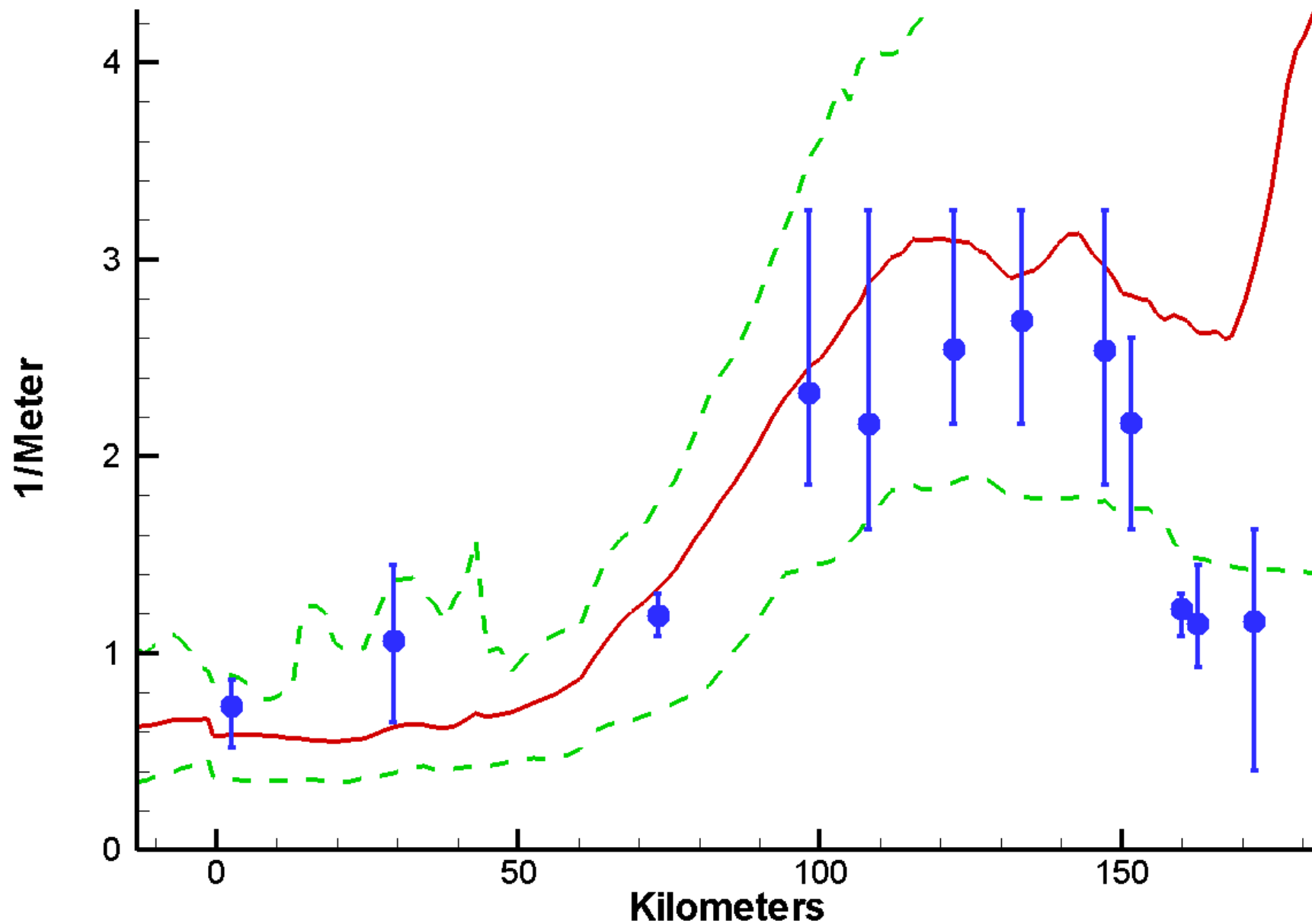


# Potomac River Ches2015 Run118 Surface Dissolved Silica Fall 1999



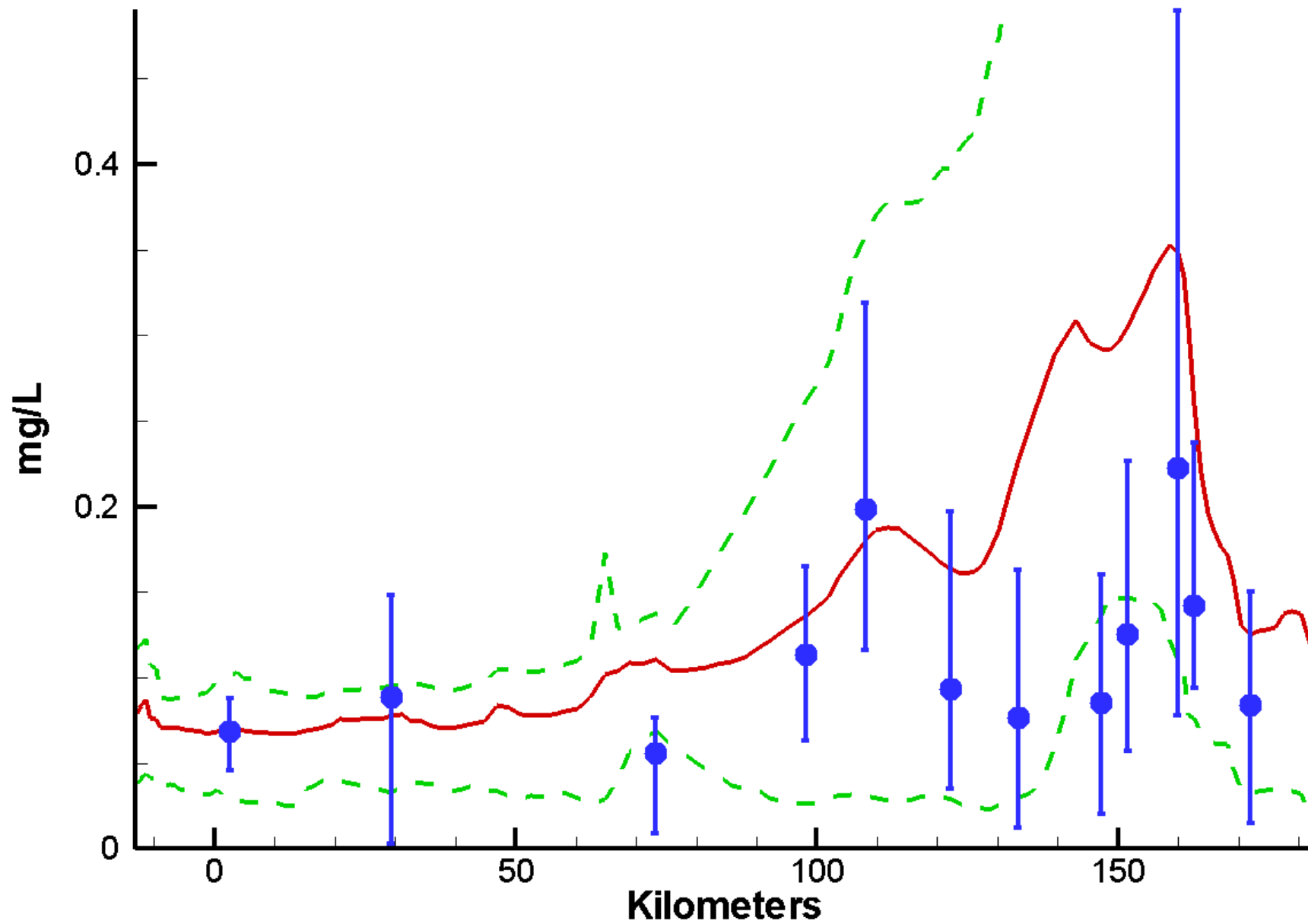
# Potomac River Ches2015 Run118

## Surface Light Extinction Fall 1999



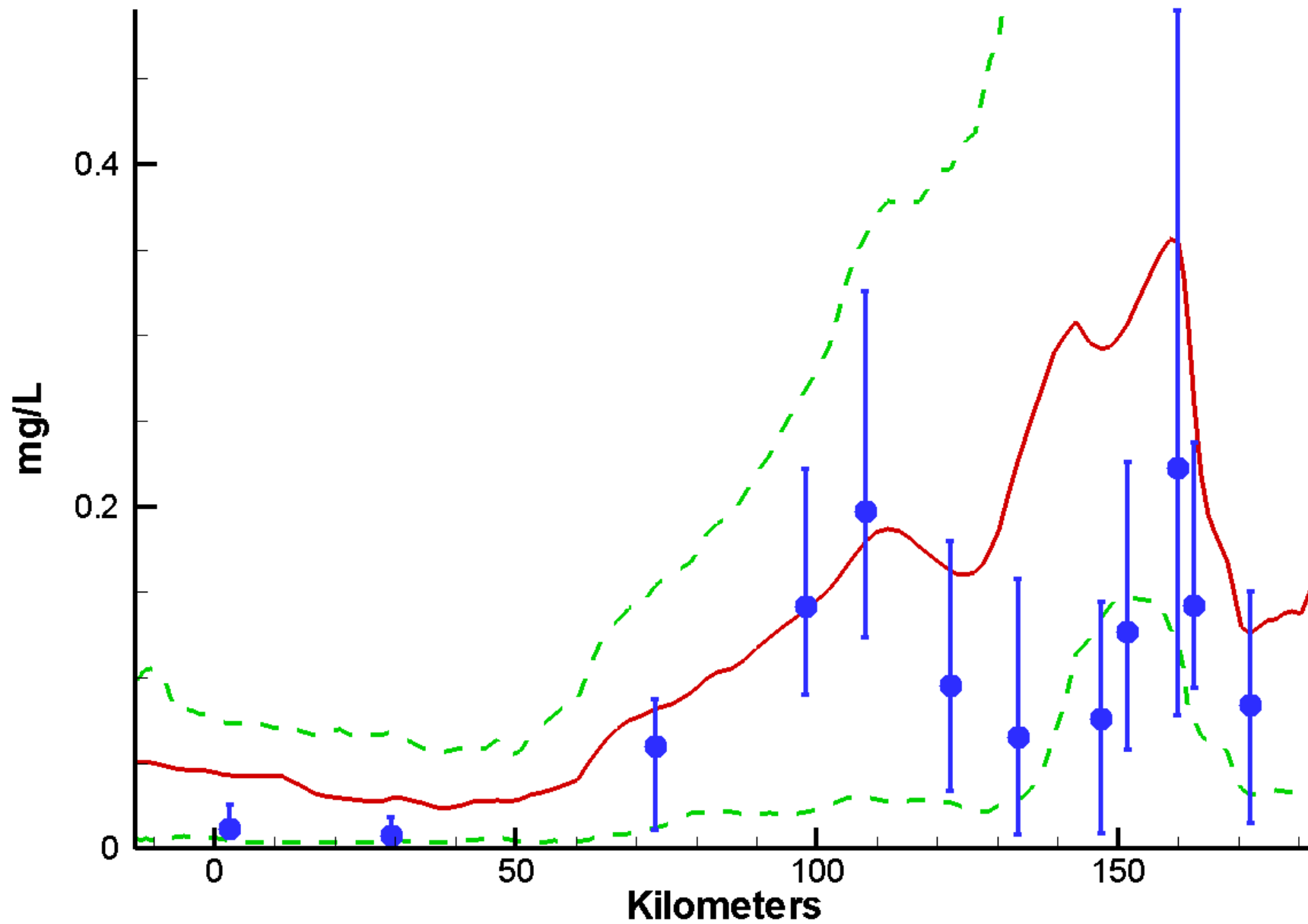
# Potomac River Ches2015 Run118

## Bottom Ammonium Fall 1999



# Potomac River Ches2015 Run118

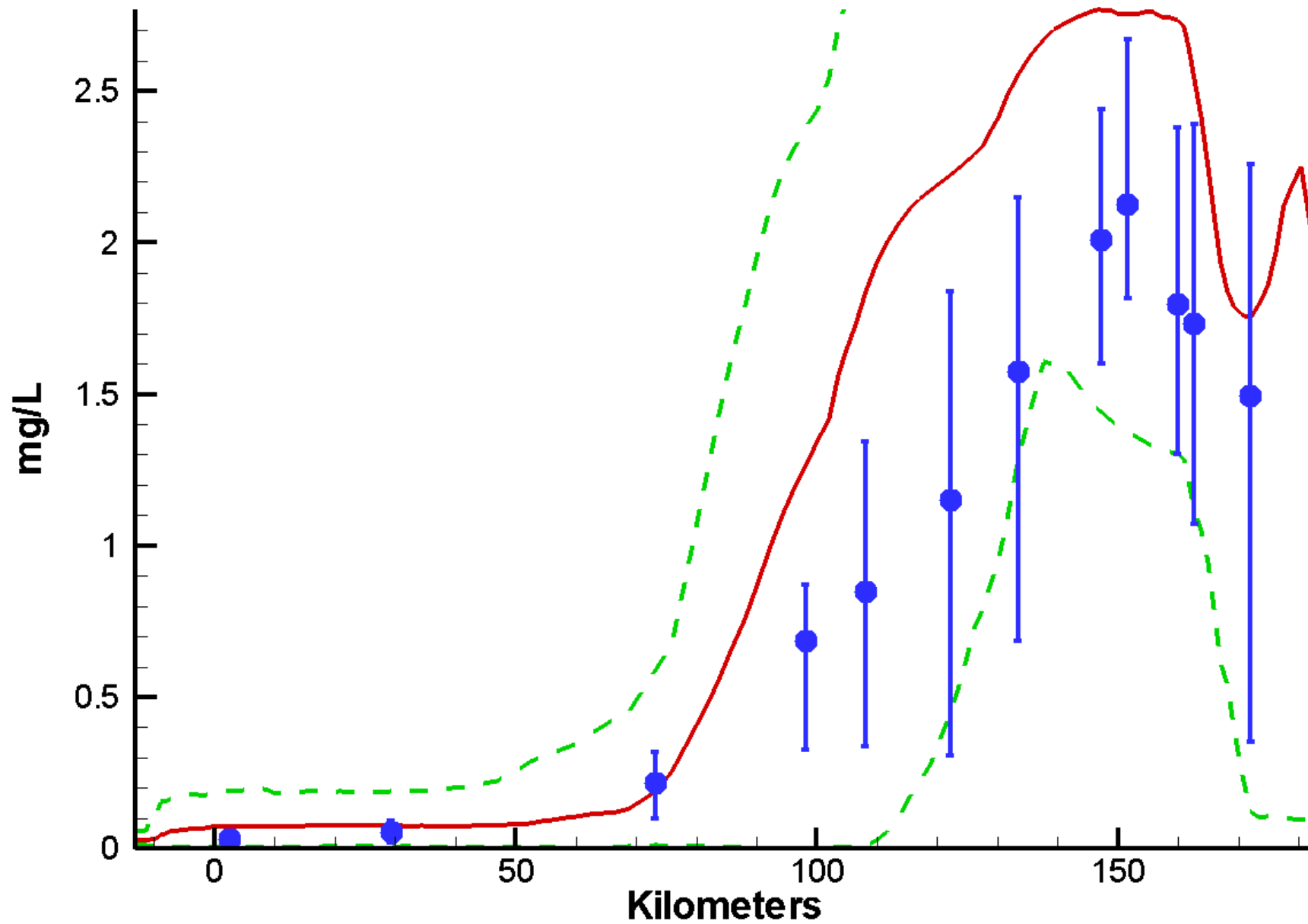
## Surface Ammonium Fall 1999





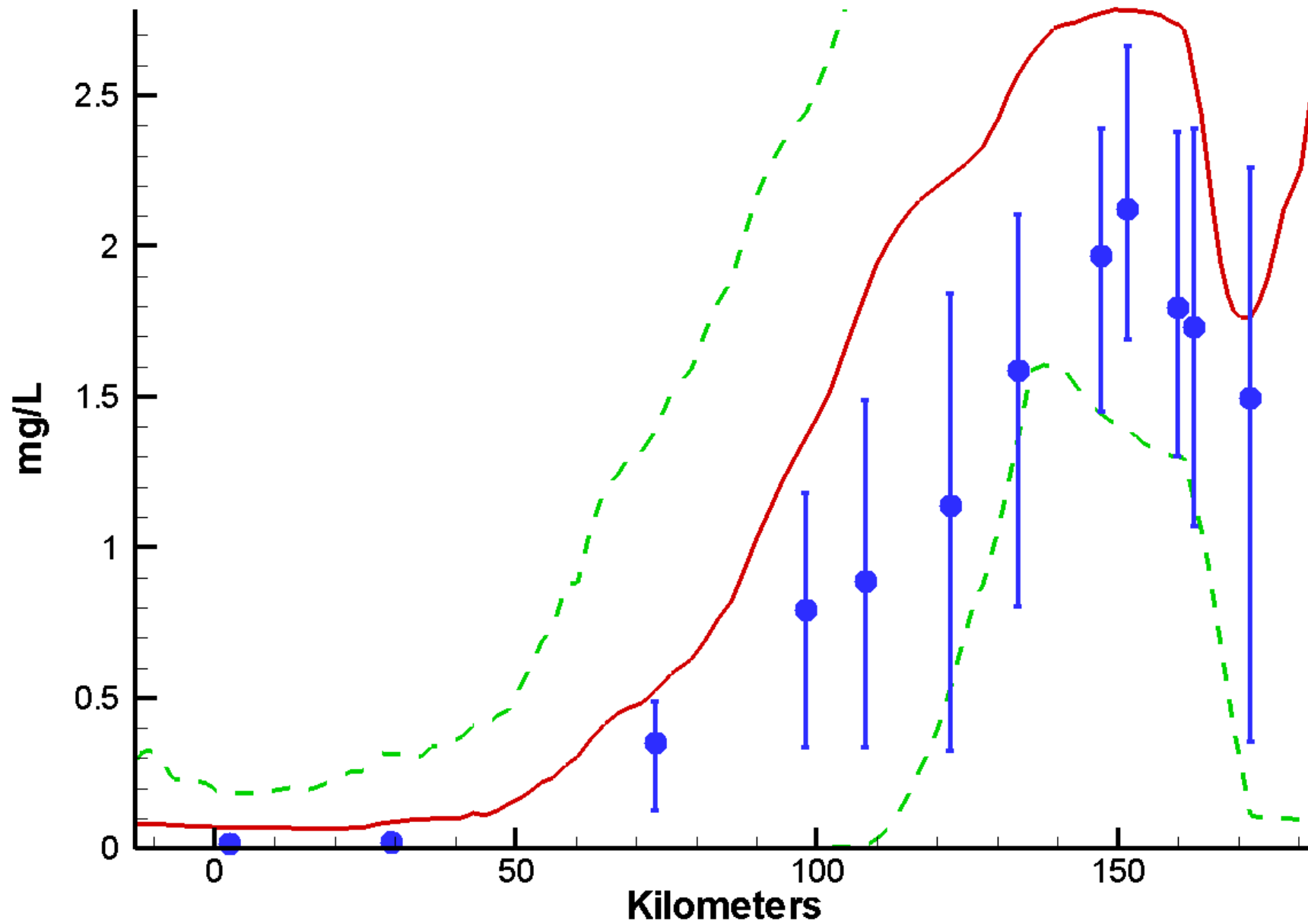
# Potomac River Ches2015 Run118

## Bottom Nitrate Fall 1999



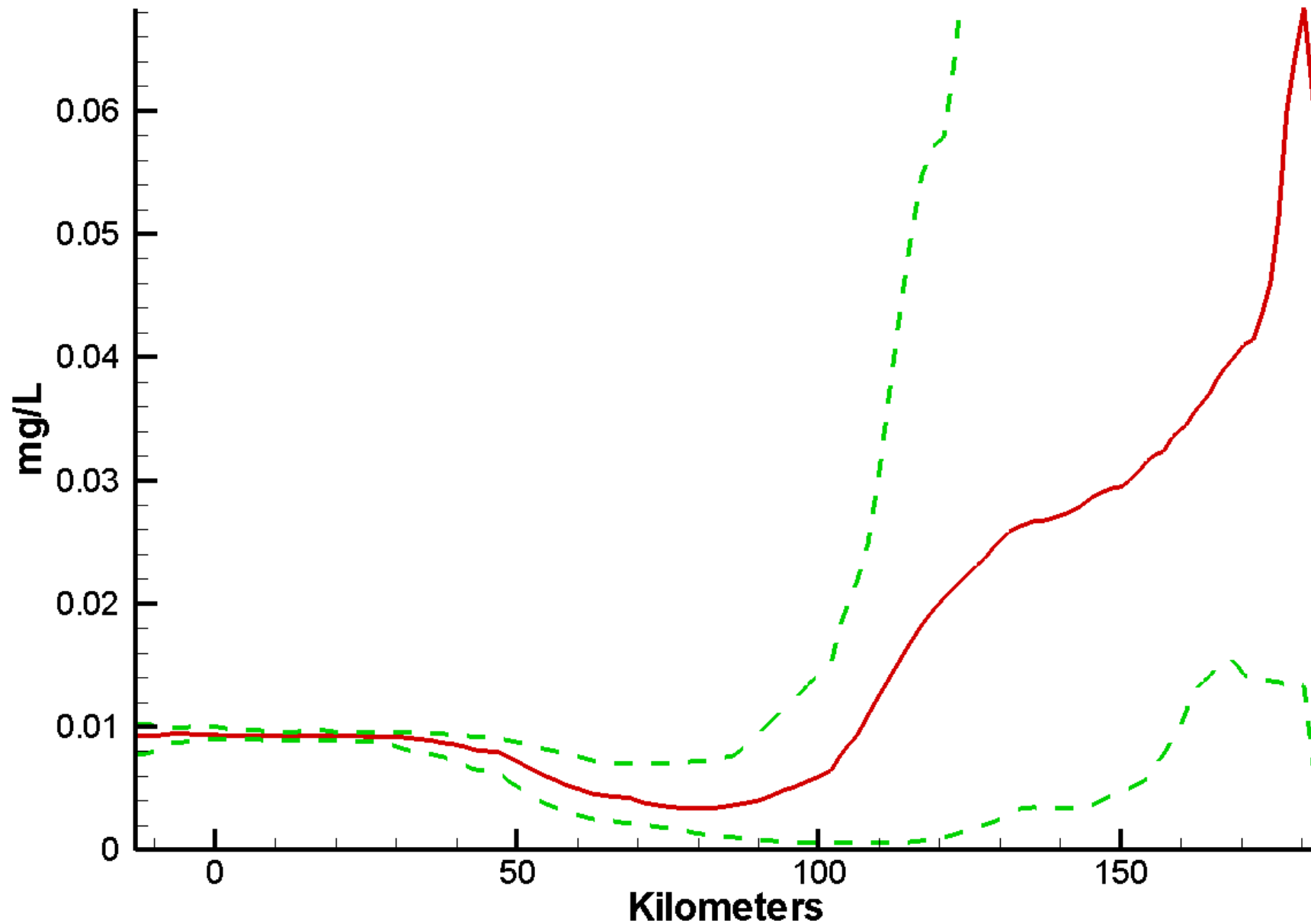
# Potomac River Ches2015 Run118

## Surface Nitrate Fall 1999



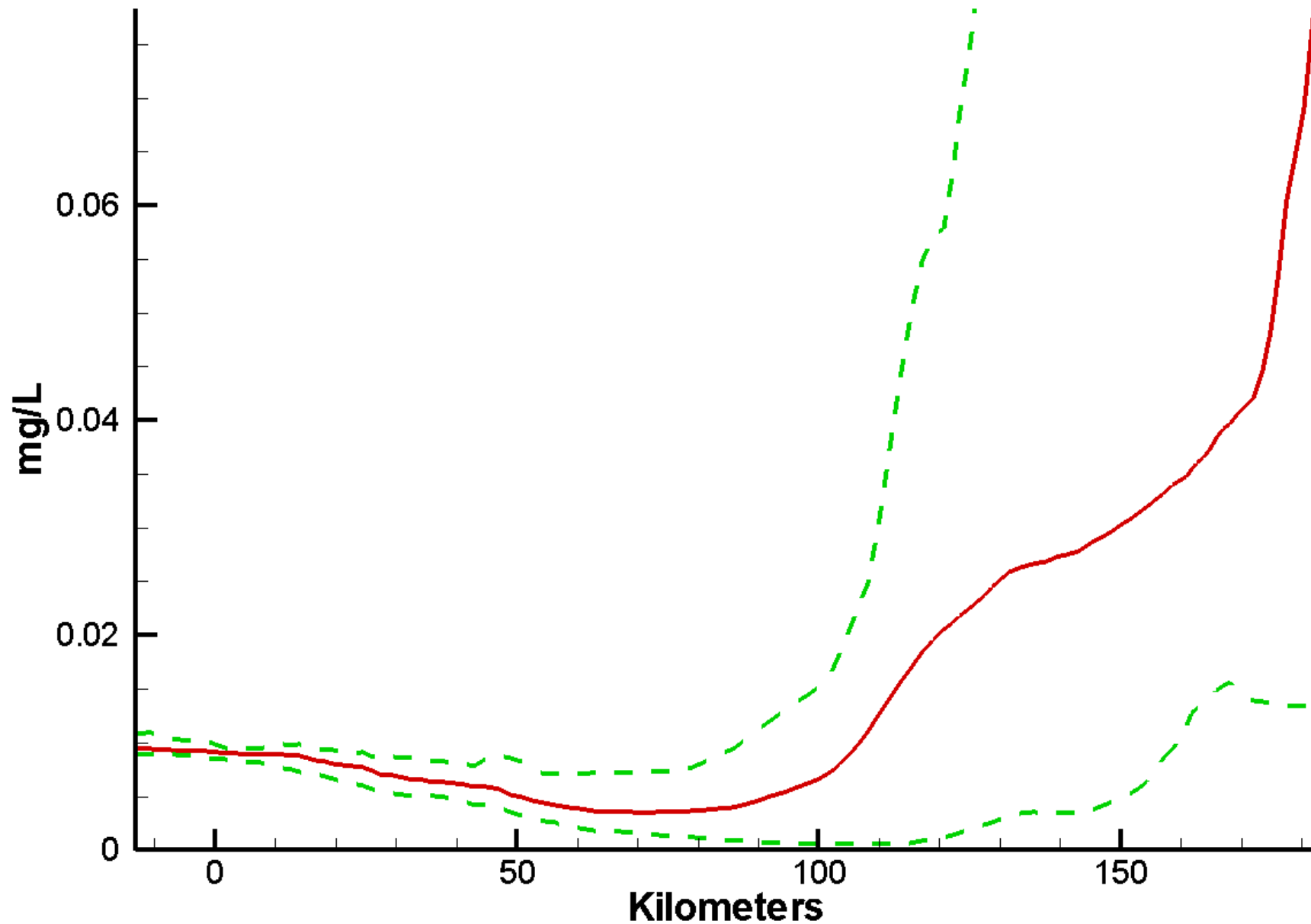
# Potomac River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1999



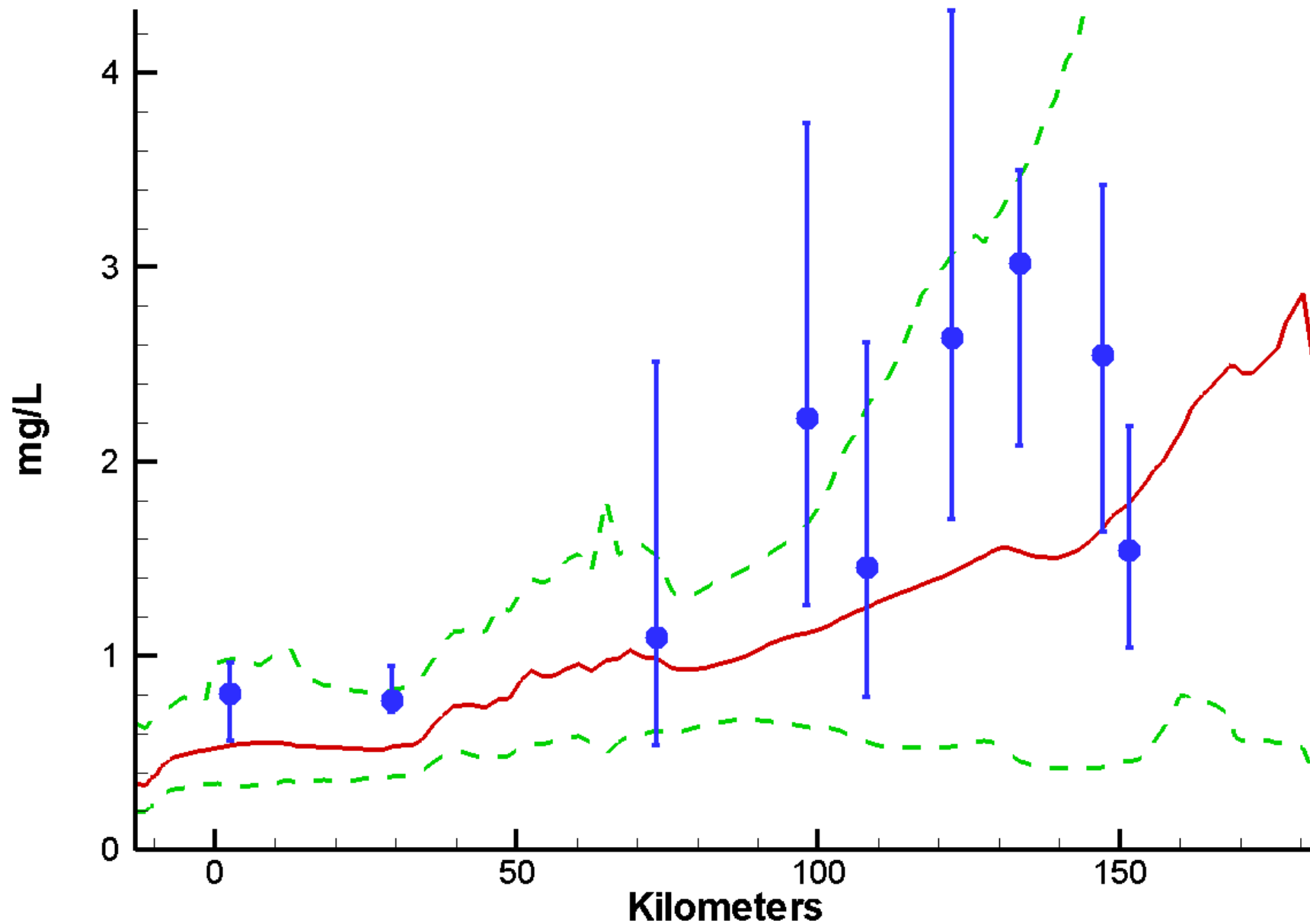
# Potomac River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Fall 1999



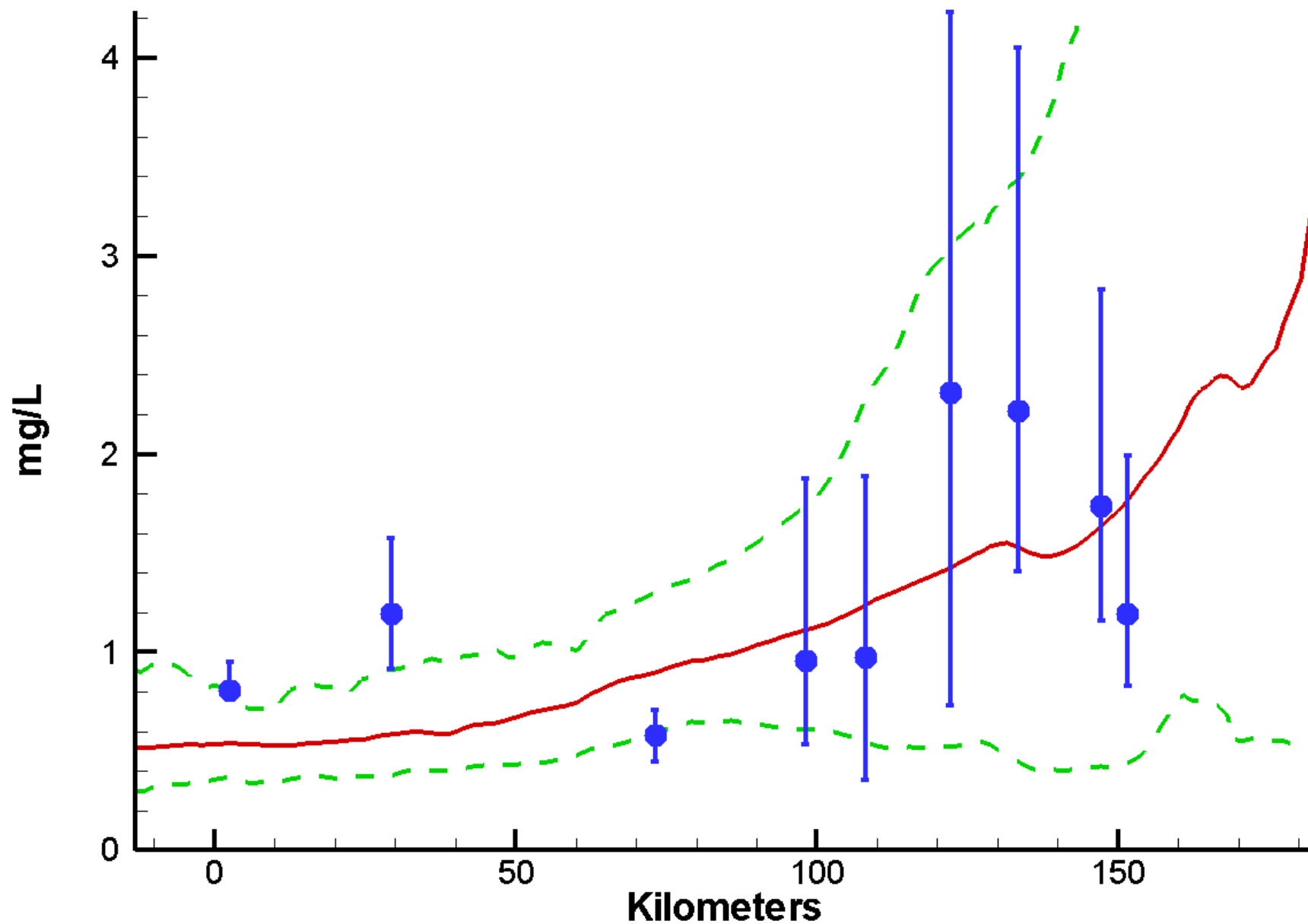
# Potomac River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1999



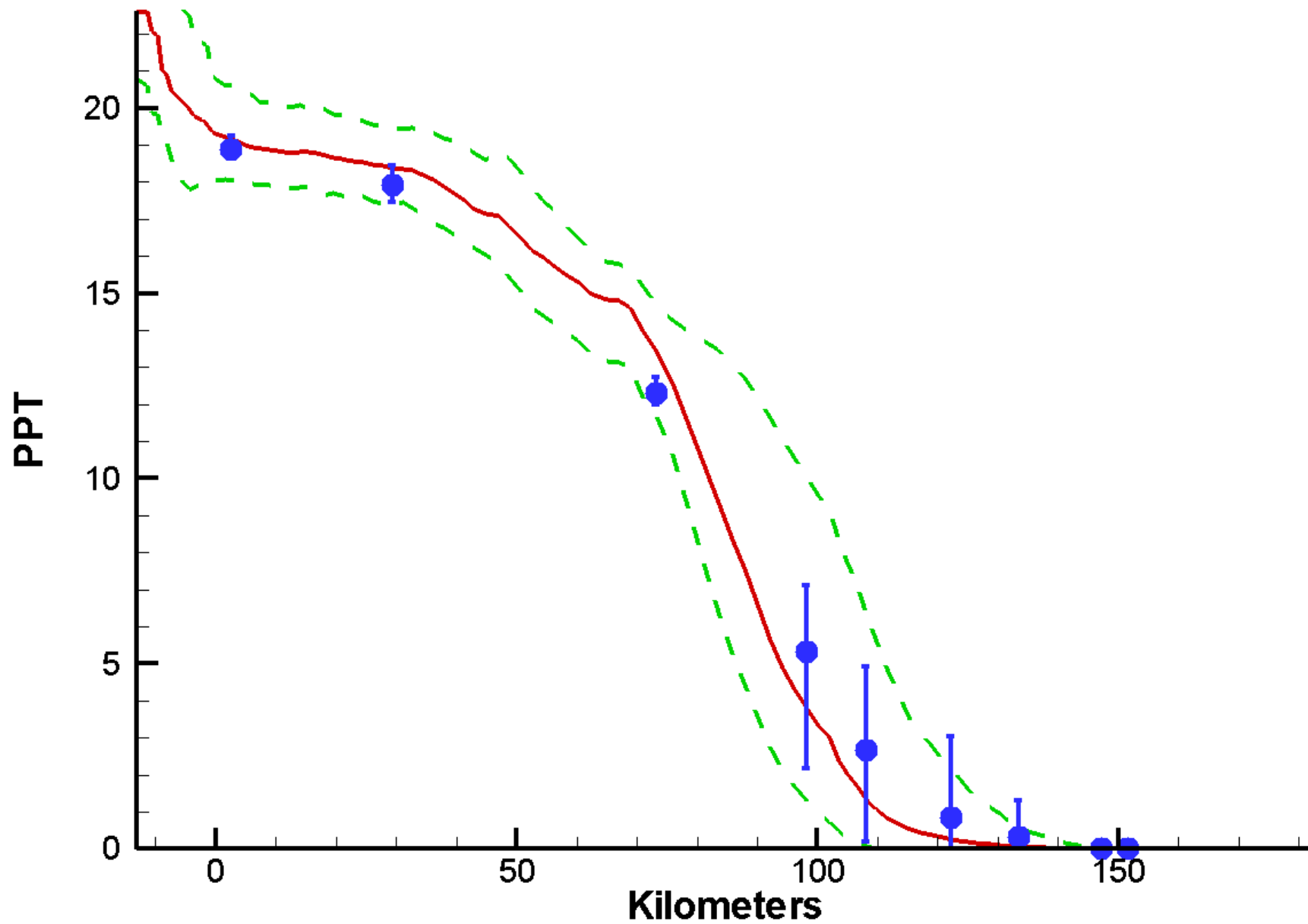
# Potomac River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1999



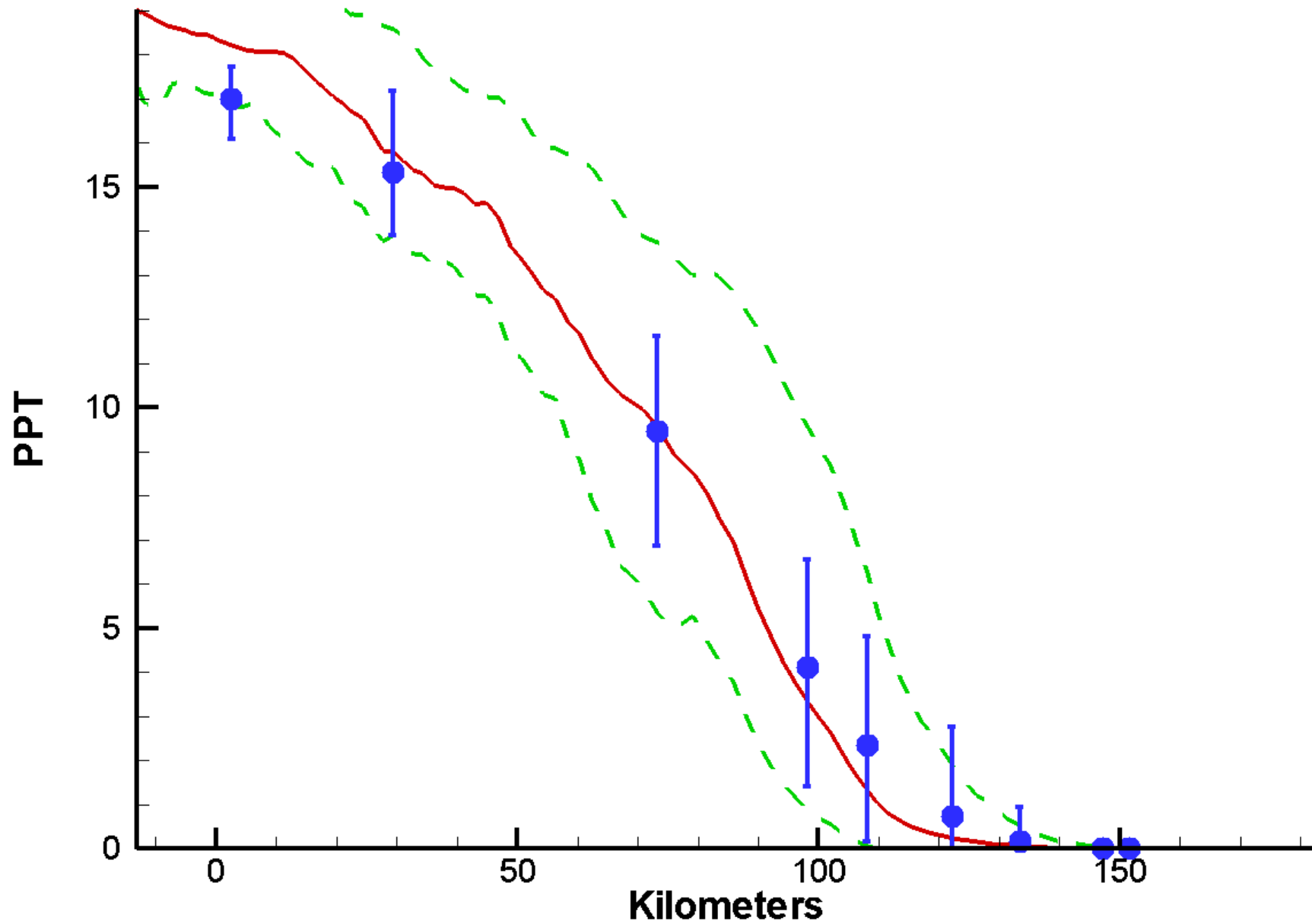
# Potomac River Ches2015 Run118

## Bottom Salinity Fall 1999



# Potomac River Ches2015 Run118

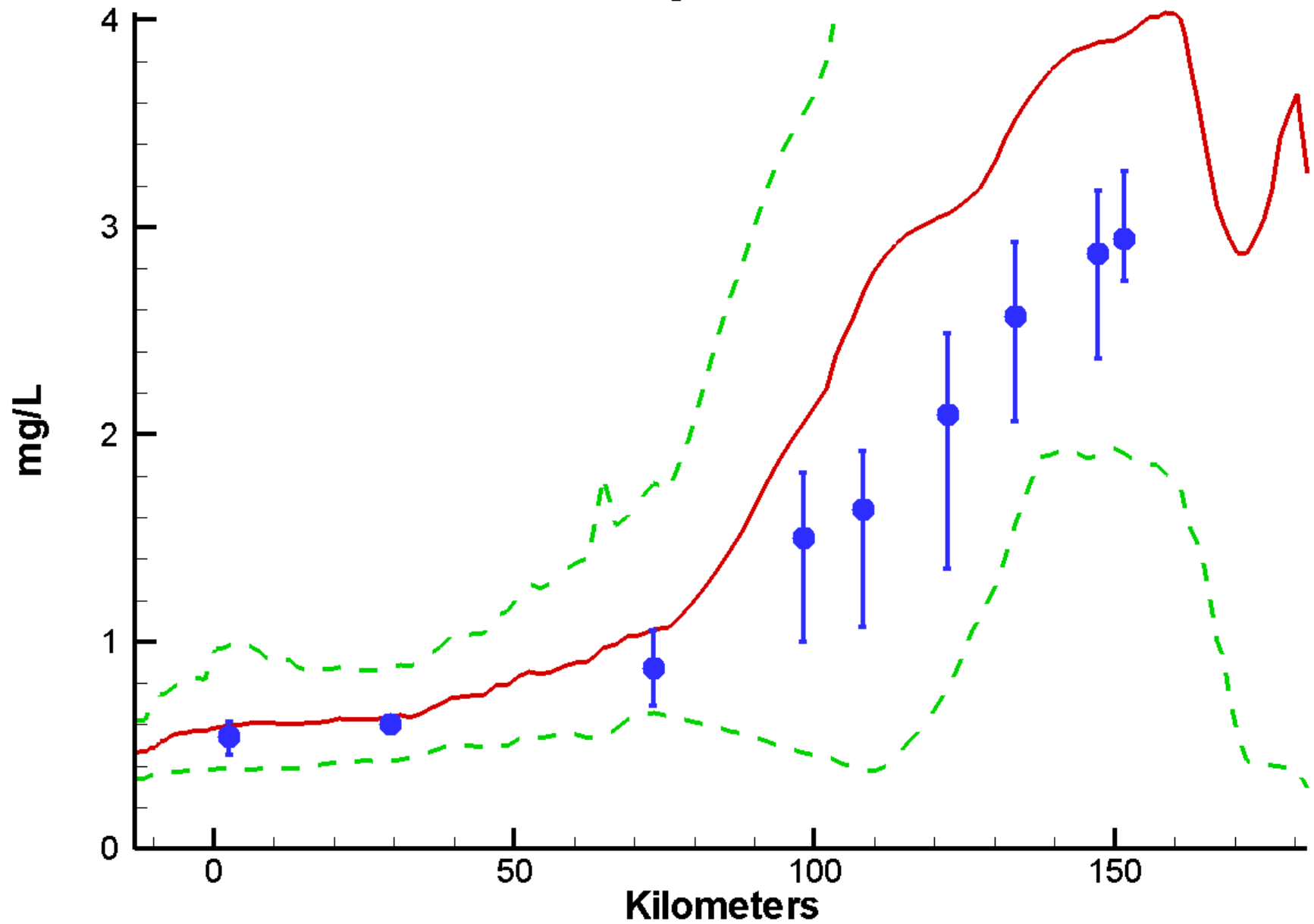
## Surface Salinity Fall 1999





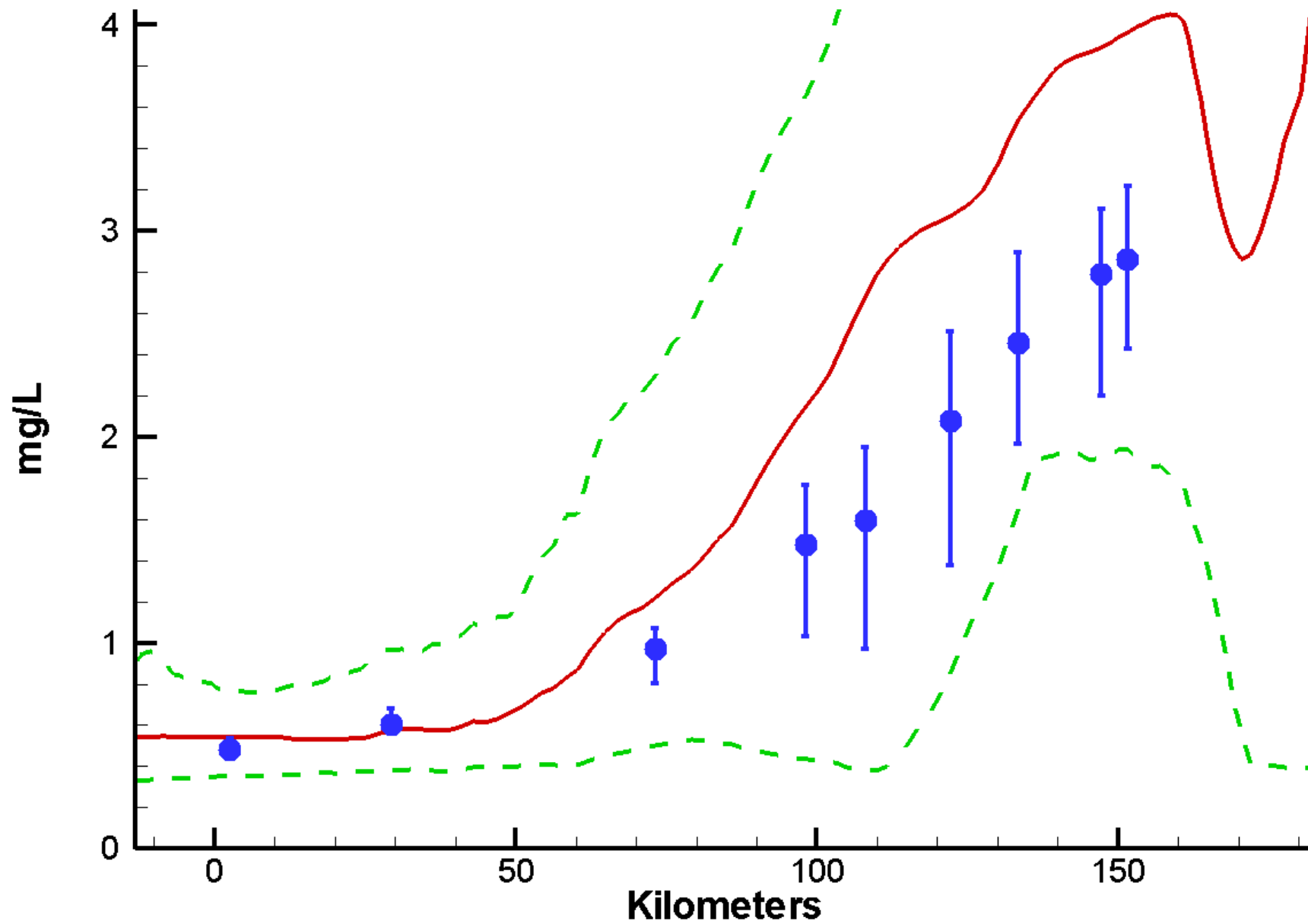
# Potomac River Ches2015 Run118

## Bottom Total Nitrogen Fall 1999



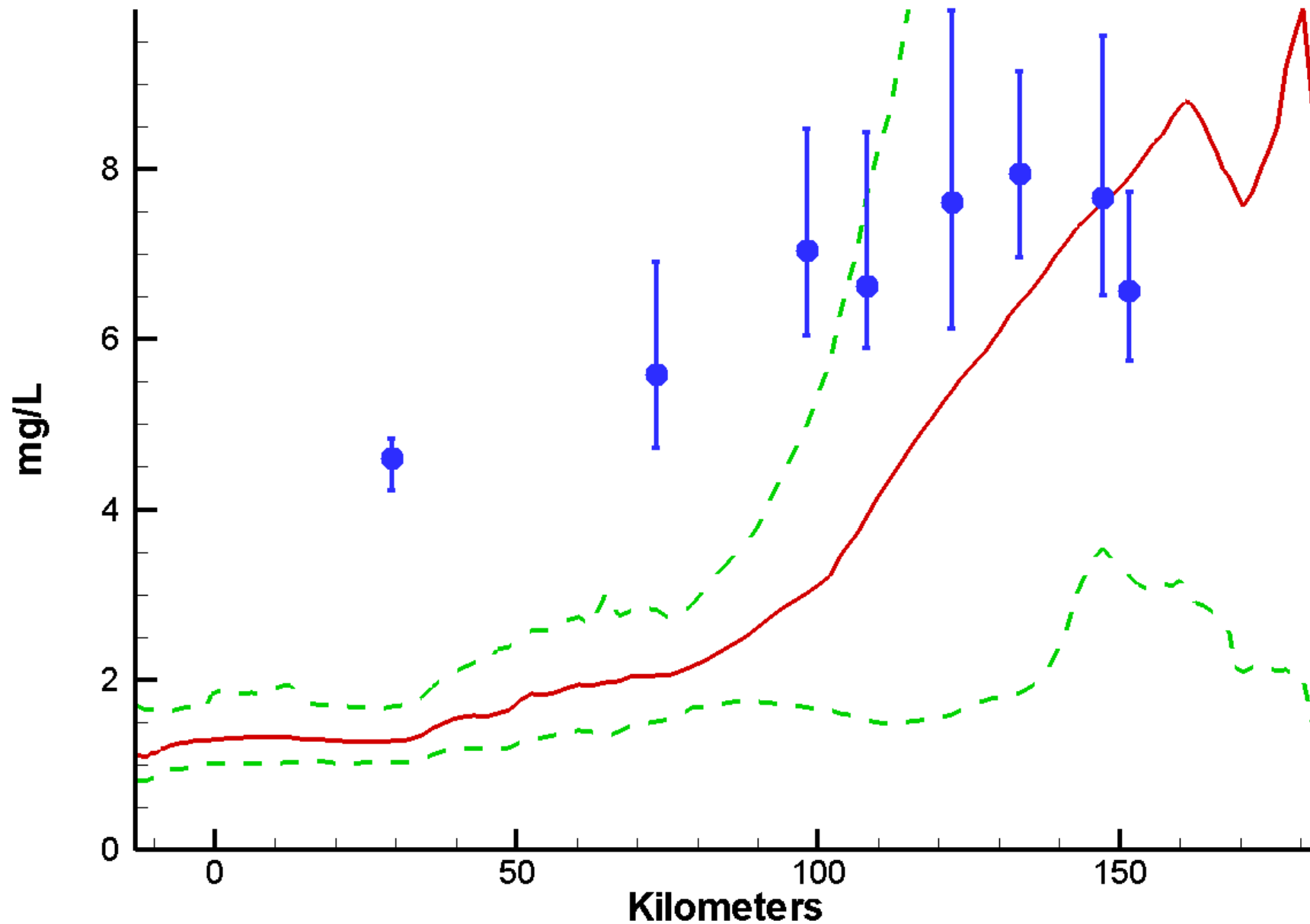
# Potomac River Ches2015 Run118

## Surface Total Nitrogen Fall 1999



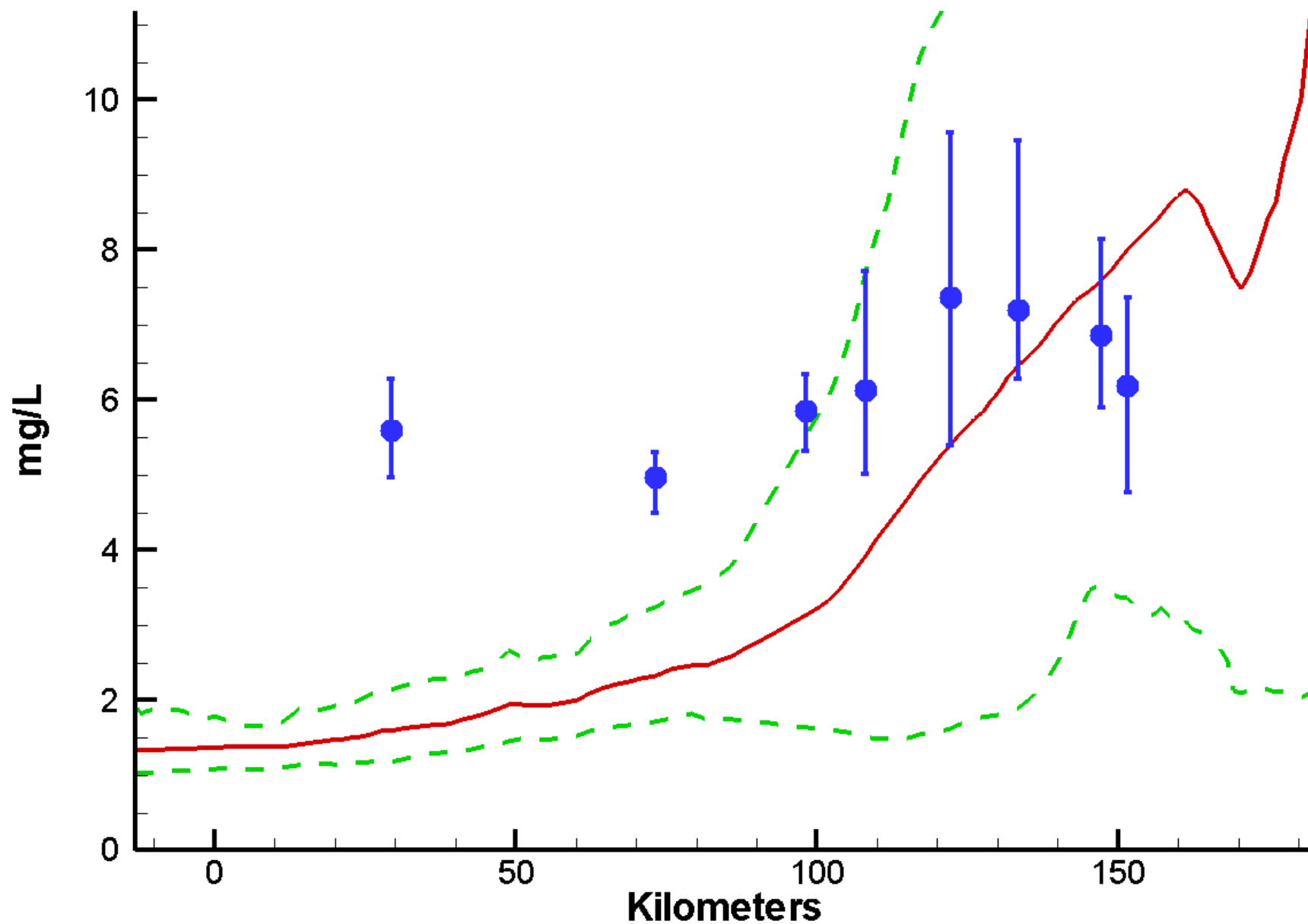
# Potomac River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1999



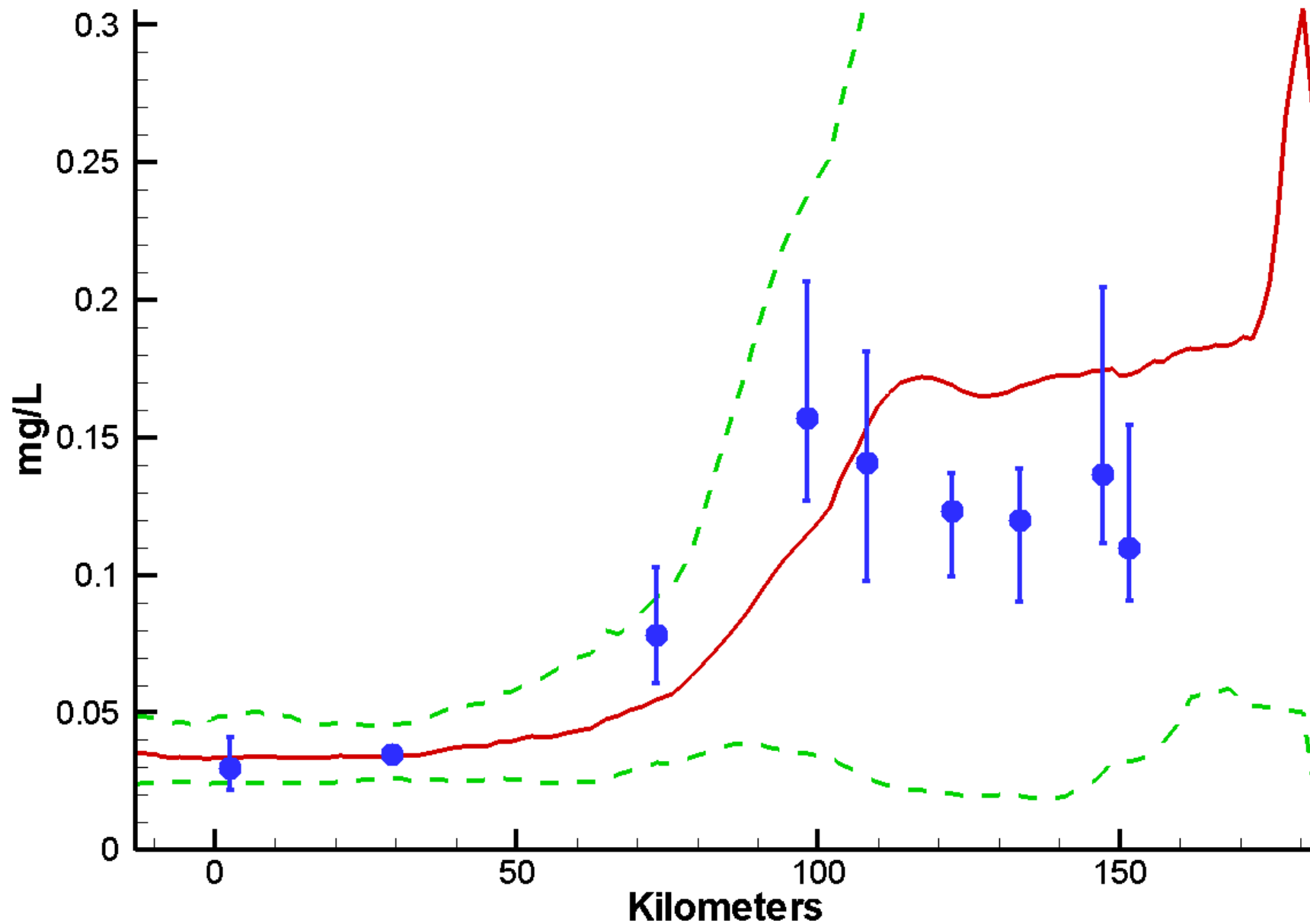
# Potomac River Ches2015 Run118

## Surface Total Organic Carbon Fall 1999



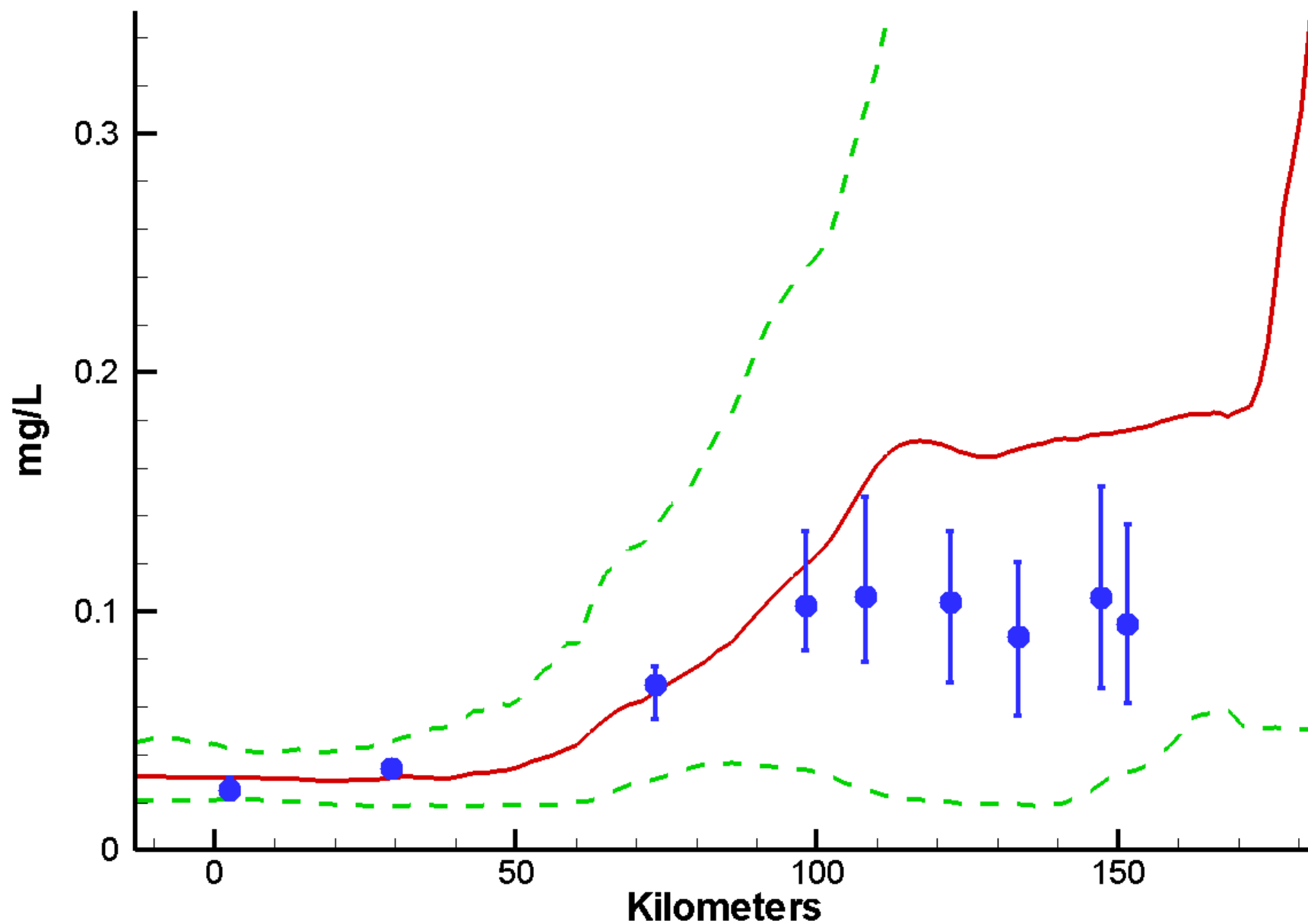
# Potomac River Ches2015 Run118

## Bottom Total Phosphorus Fall 1999



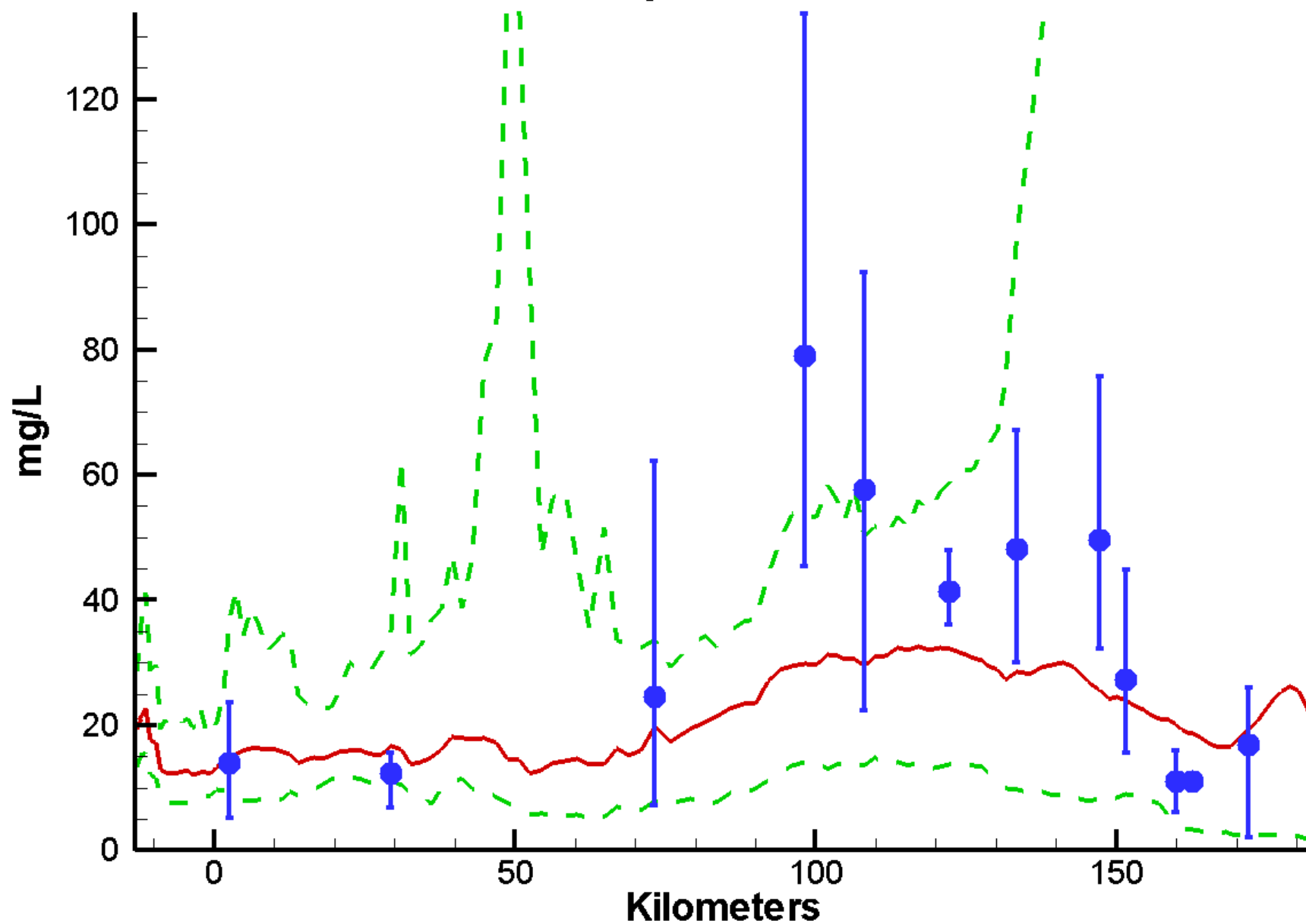
# Potomac River Ches2015 Run118

## Surface Total Phosphorus Fall 1999



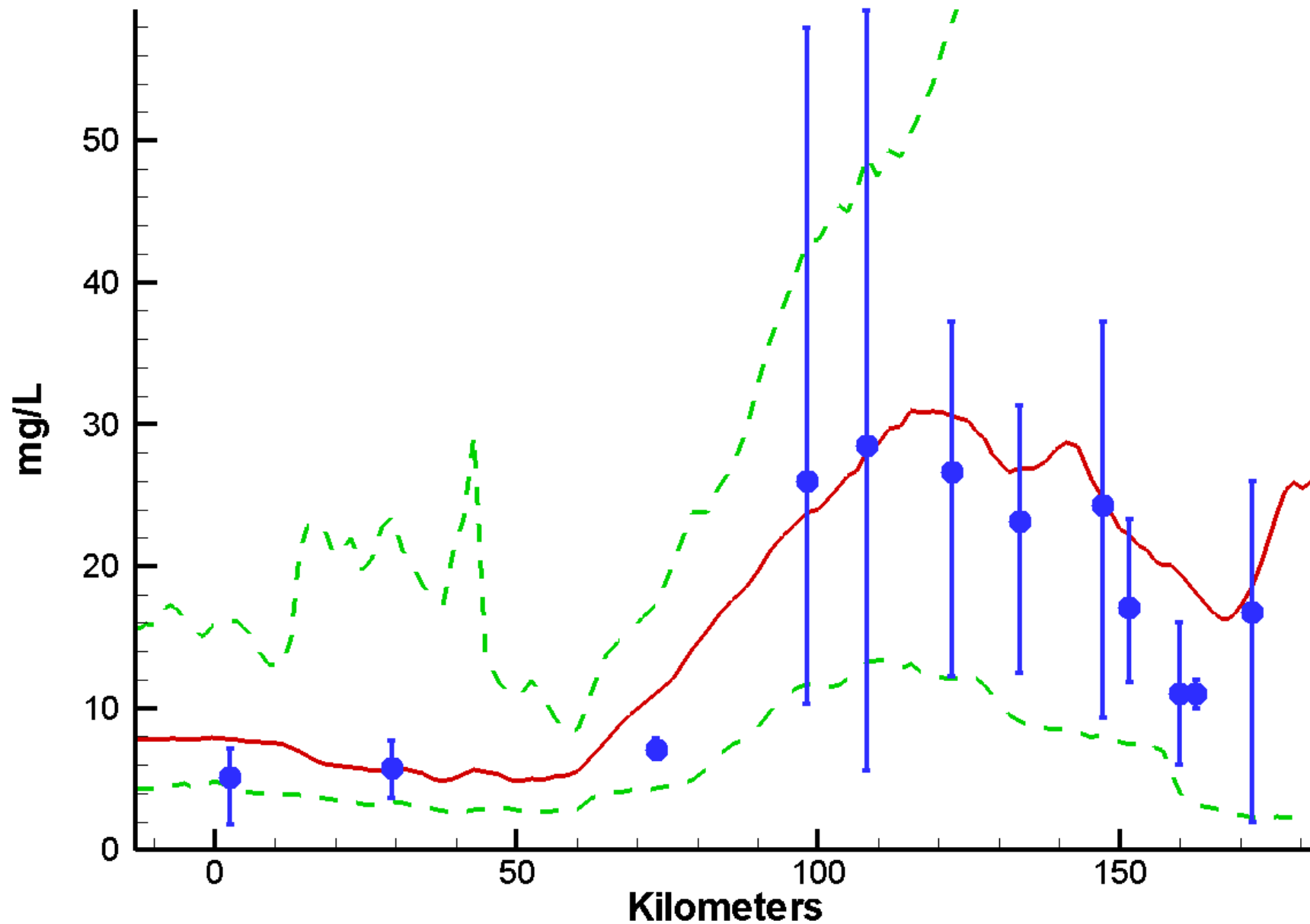
# Potomac River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1999



# Potomac River Ches2015 Run118

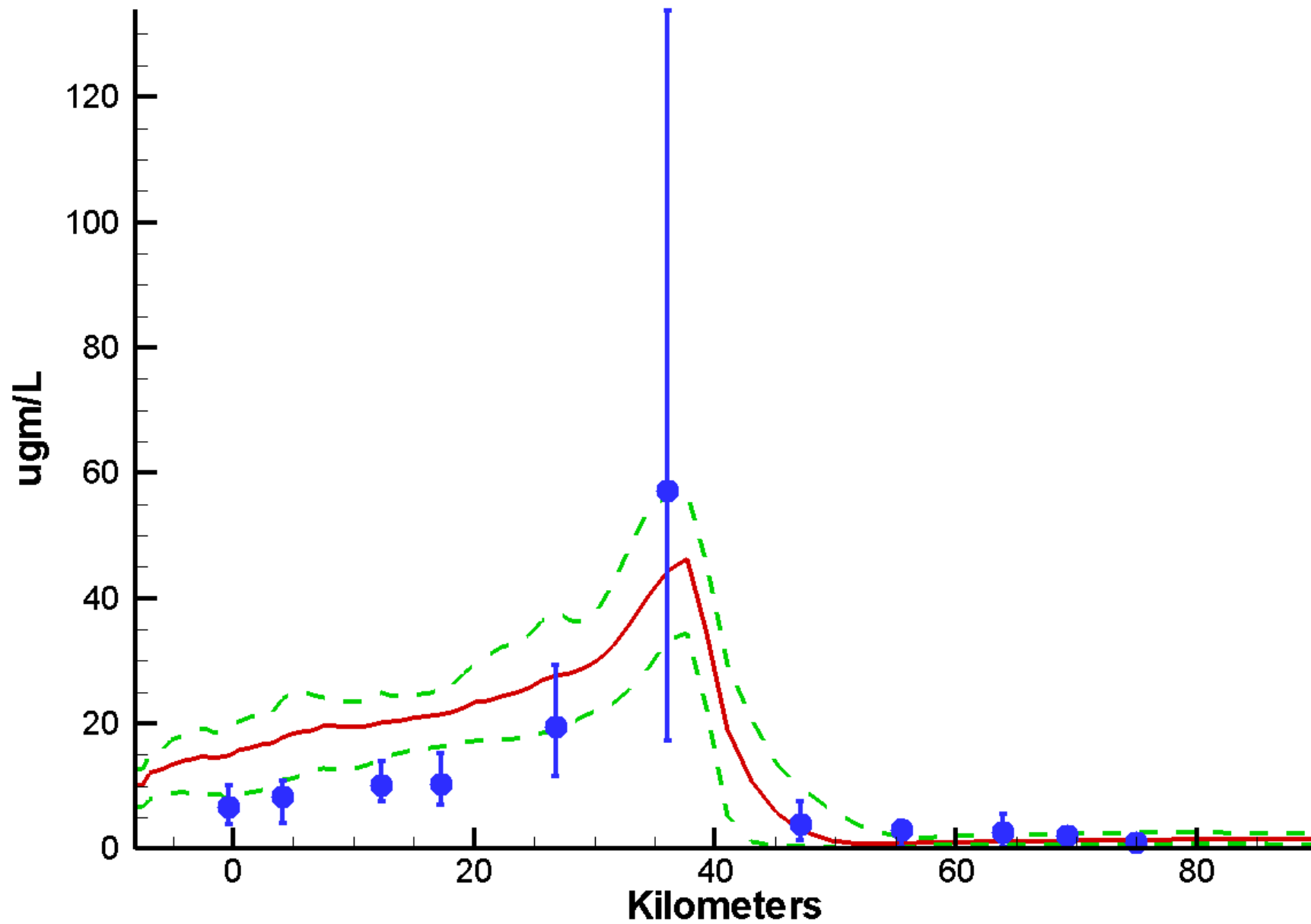
## Surface Total Suspended Solids Fall 1999





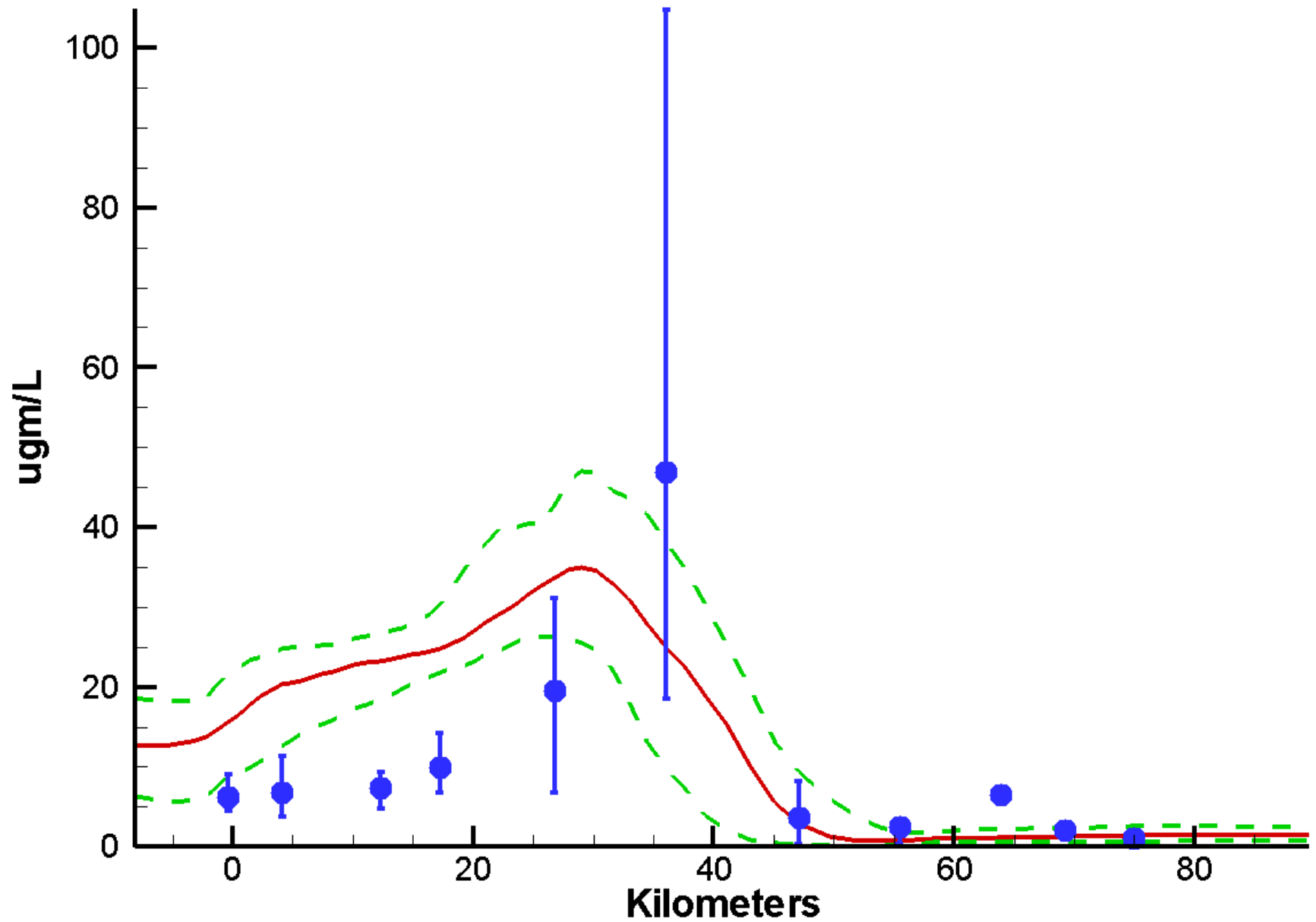
# Patuxent River Ches2015 Run118

## Bottom Chlorophyll Winter 1994



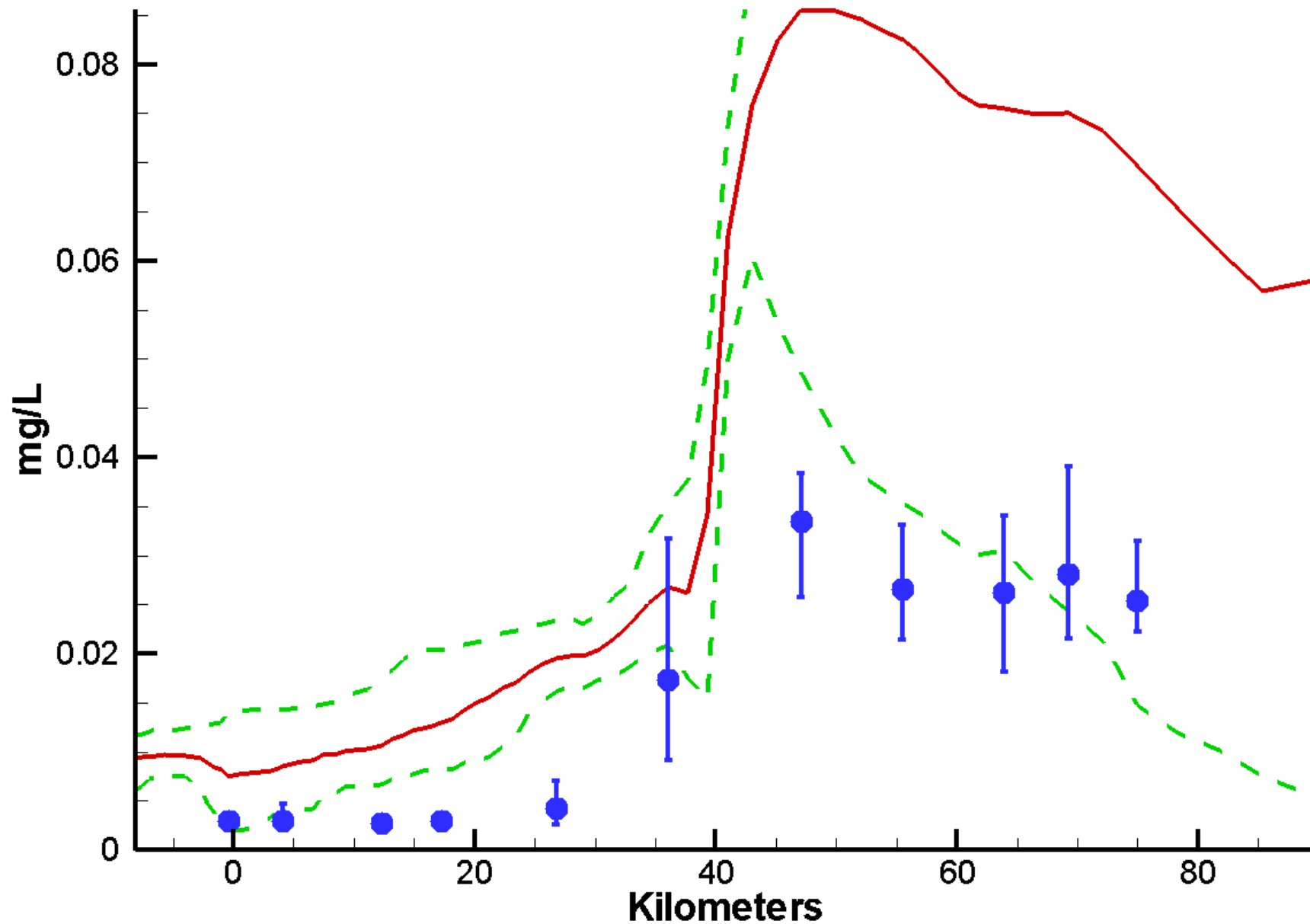
# Patuxent River Ches2015 Run118

## Surface Chlorophyll Winter 1994



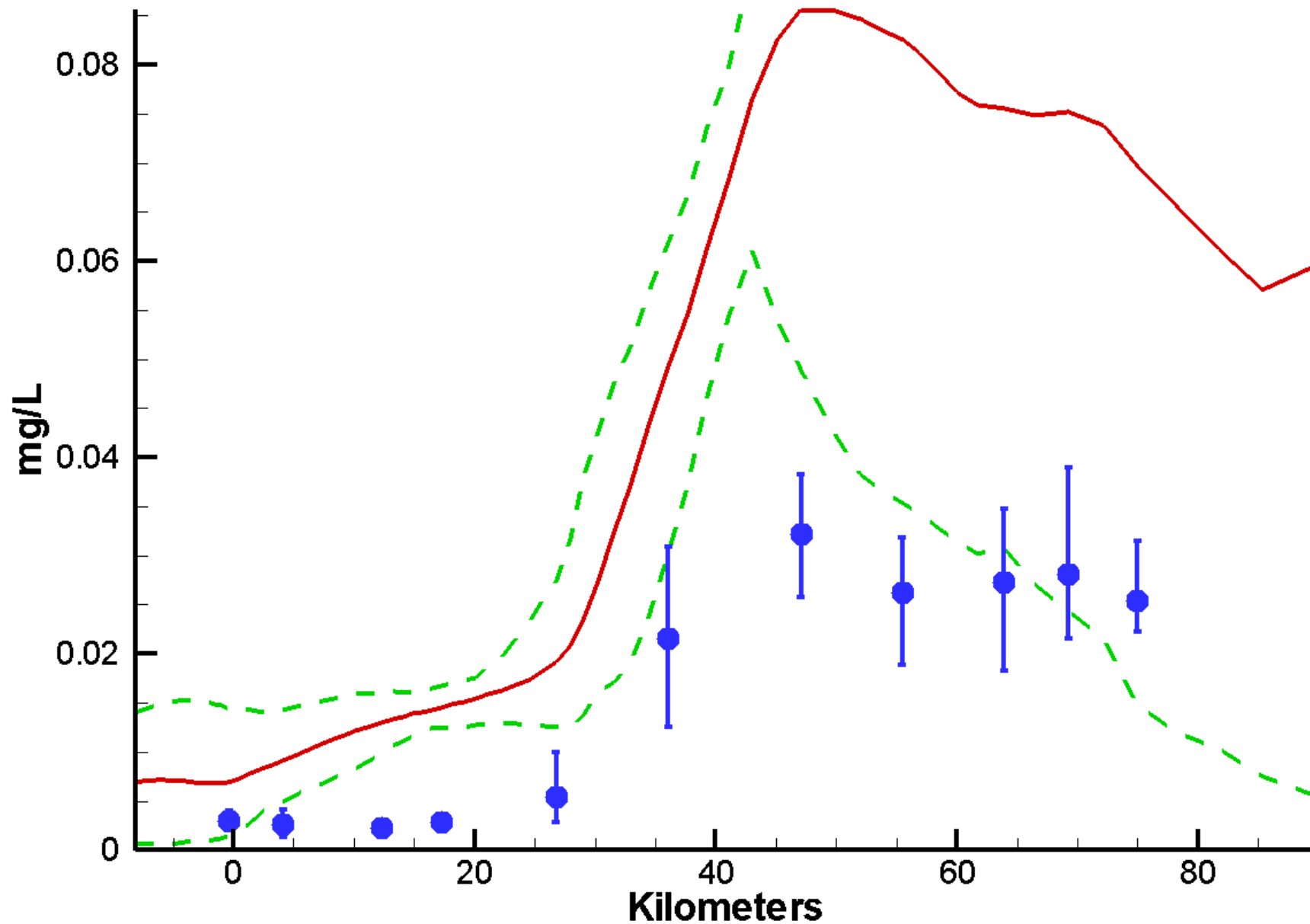
# Patuxent River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1994



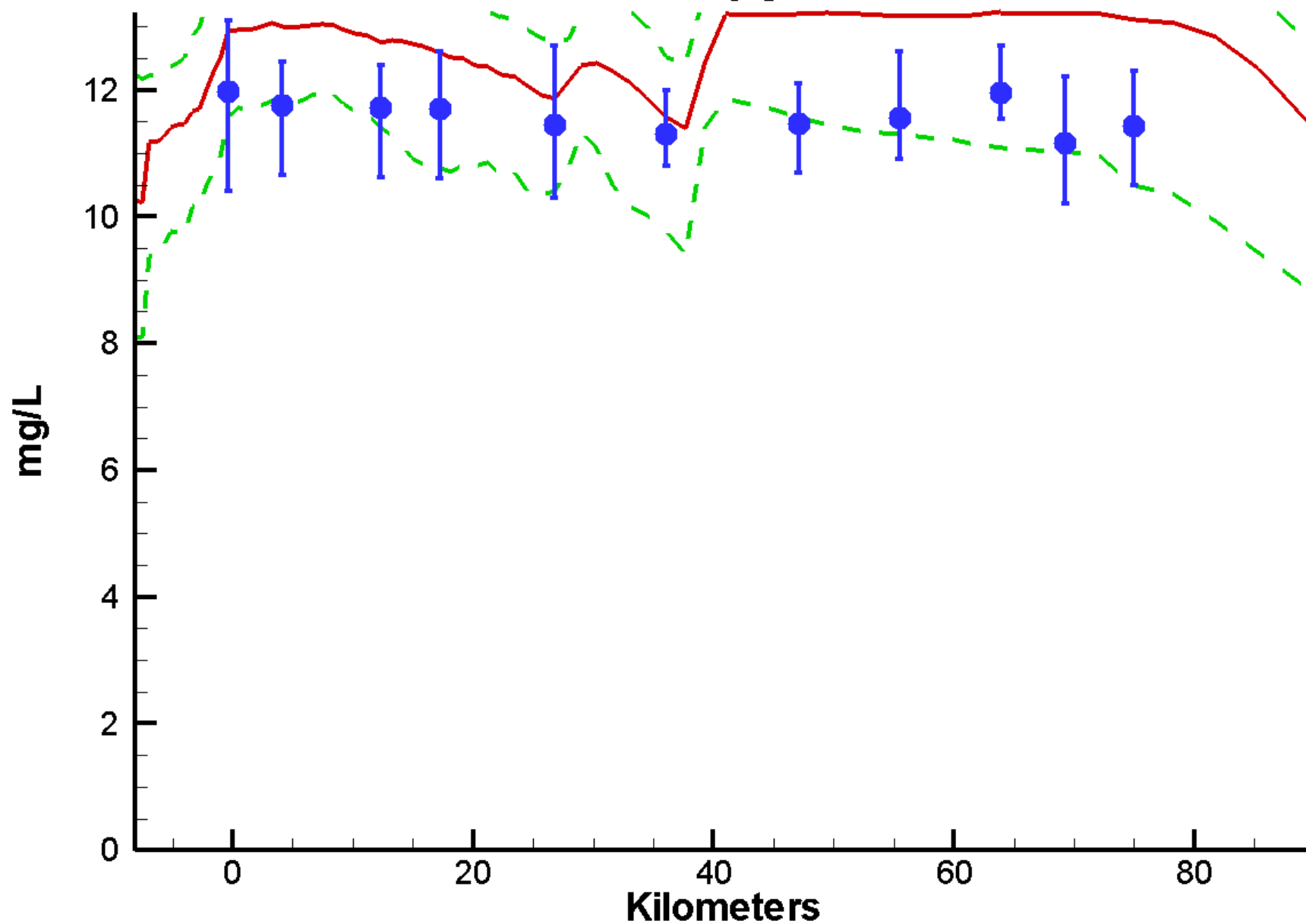
# Patuxent River Ches2015 Run118

## Surface Dissolved Phosphate Winter 1994



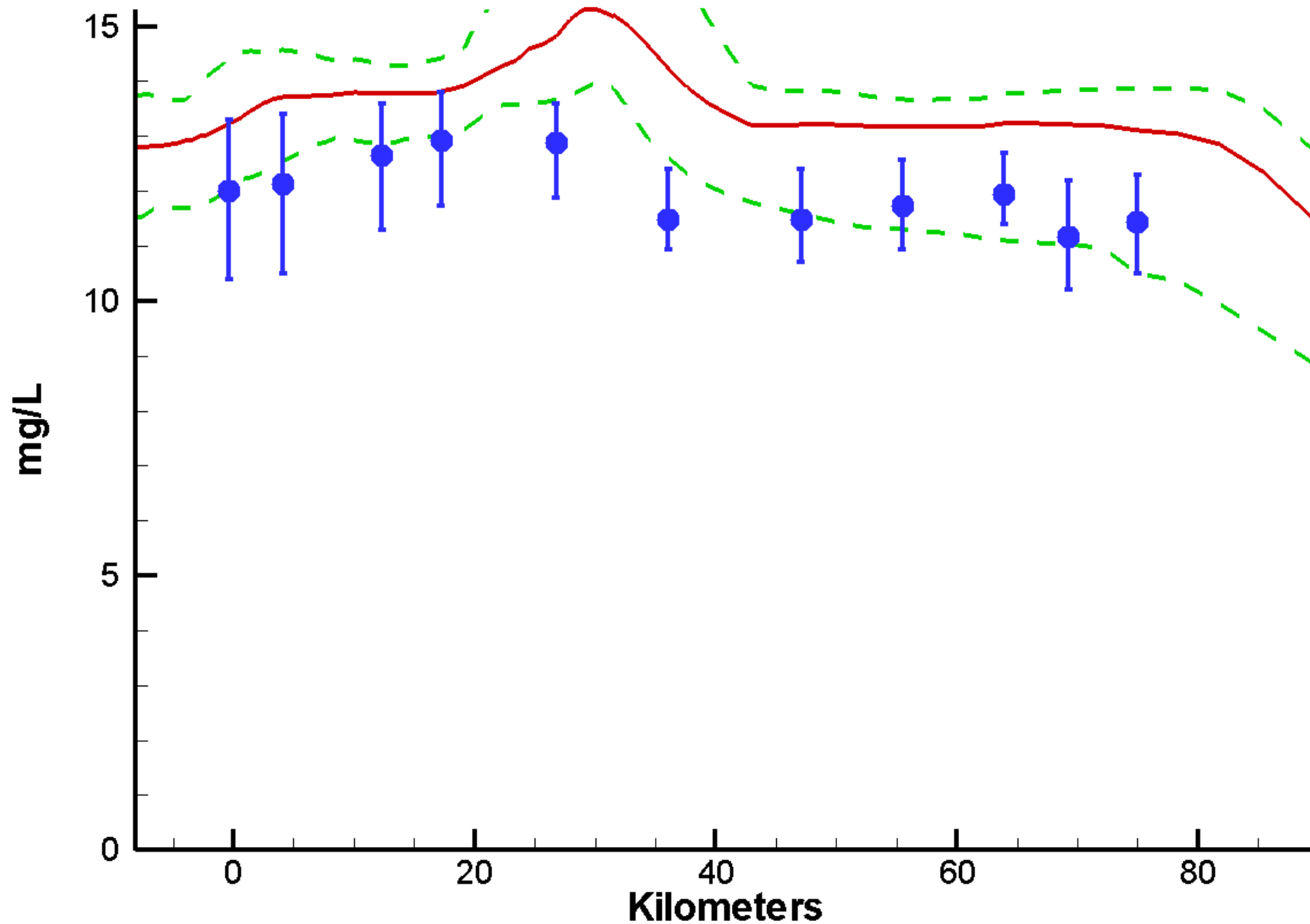
# Patuxent River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1994



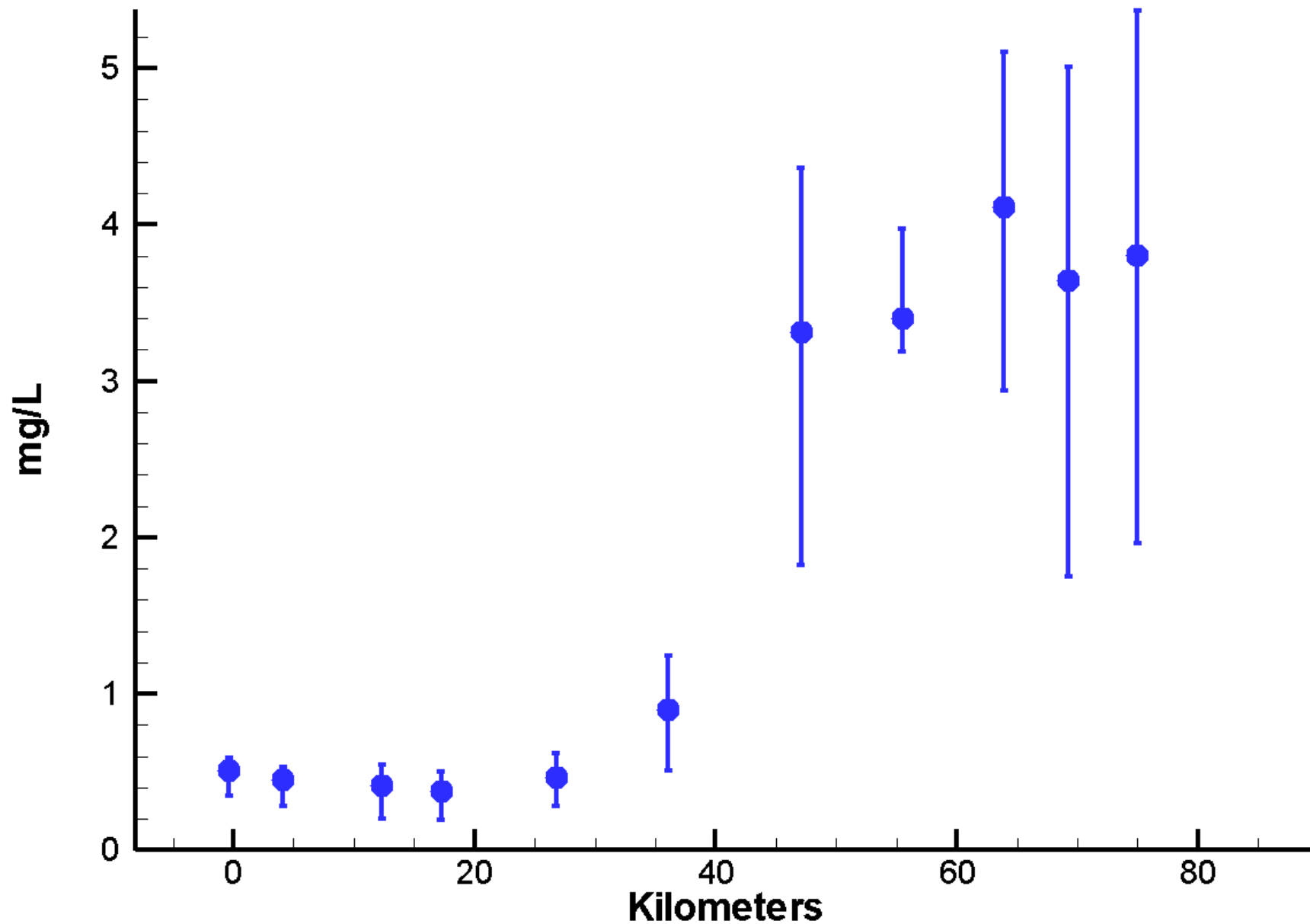
# Patuxent River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1994



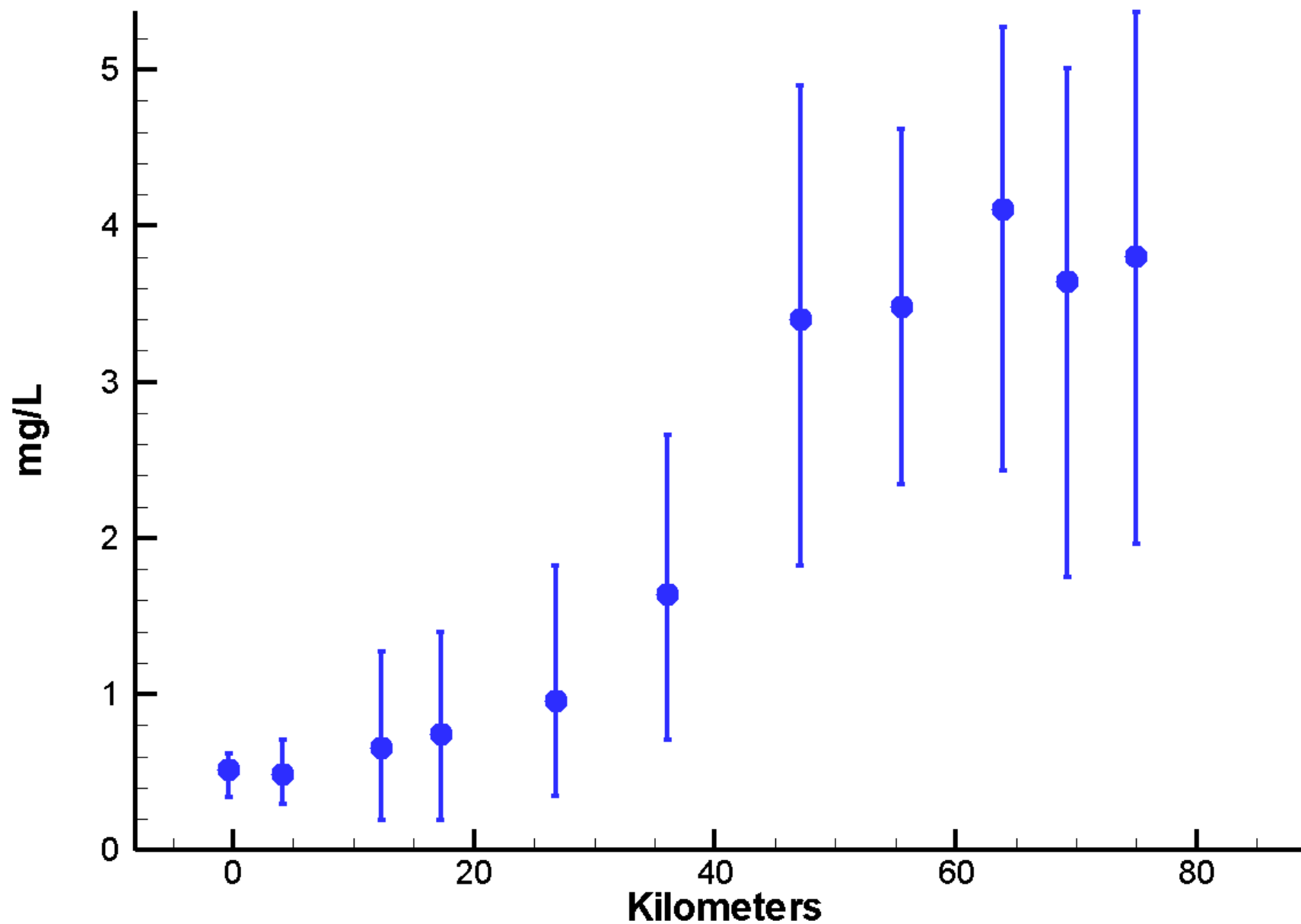
# Patuxent River Ches2015 Run118

## Bottom Dissolved Silica Winter 1994



# Patuxent River Ches2015 Run118

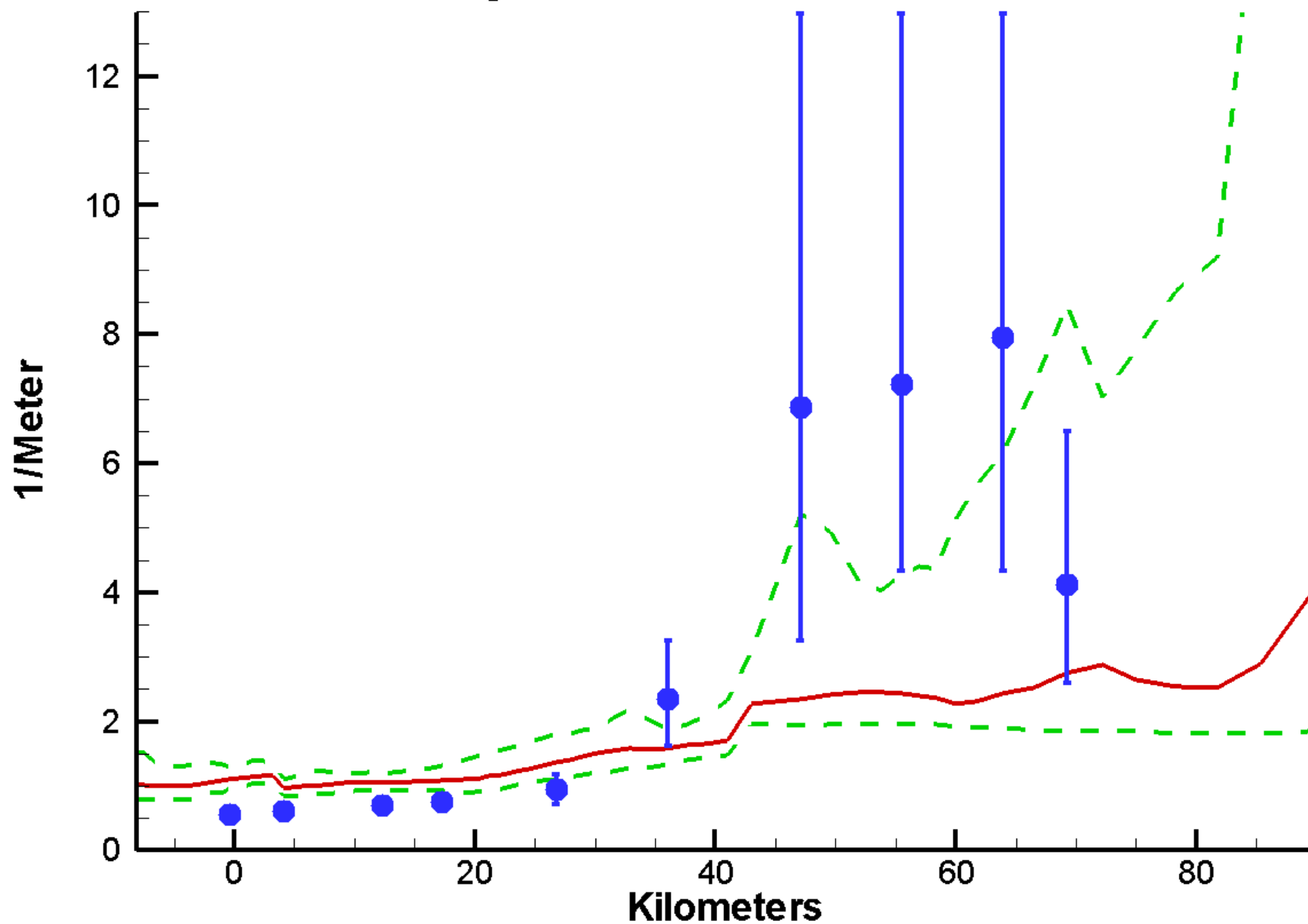
## Surface Dissolved Silica Winter 1994





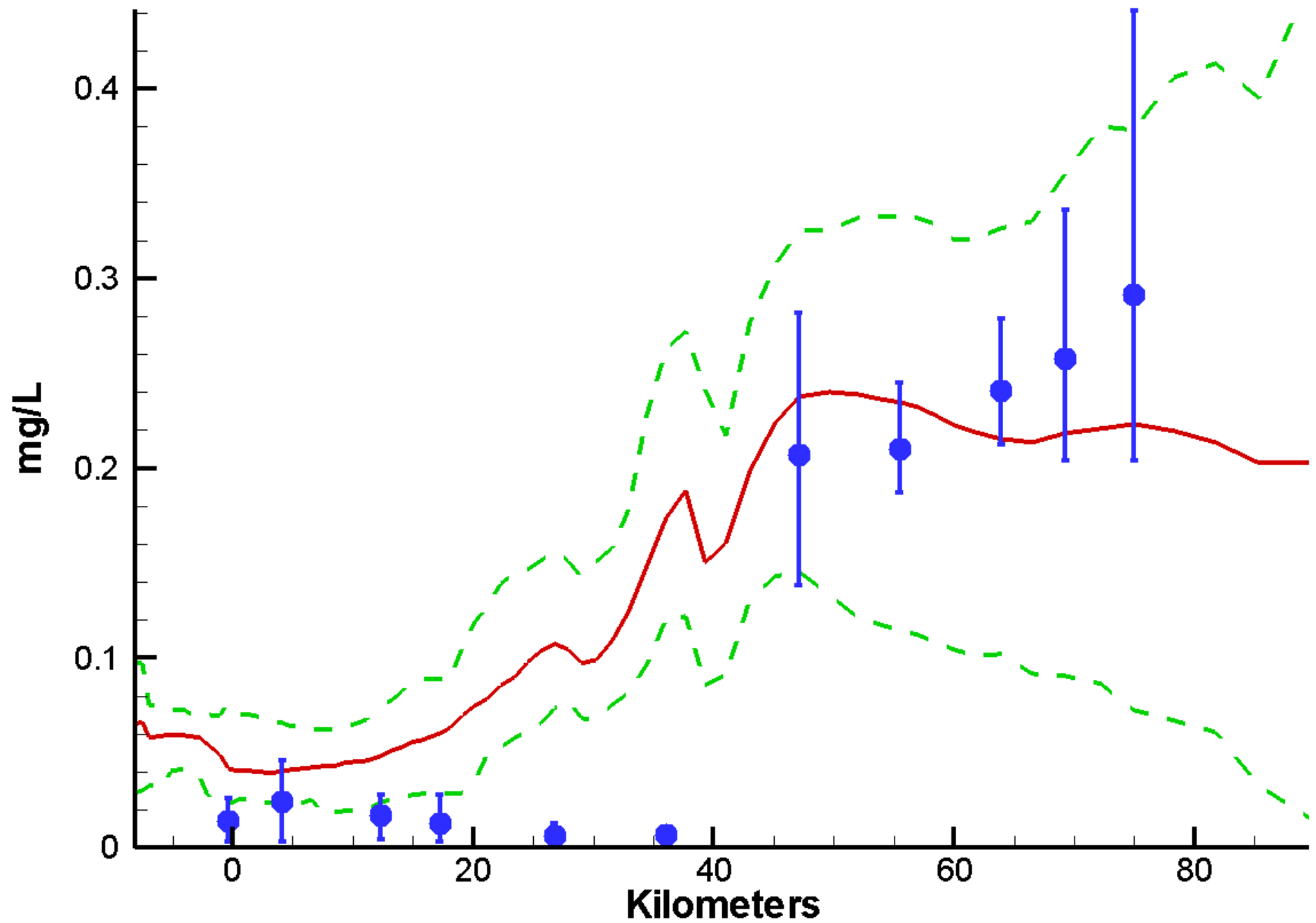
# Patuxent River Ches2015 Run118

## Surface Light Extinction Winter 1994



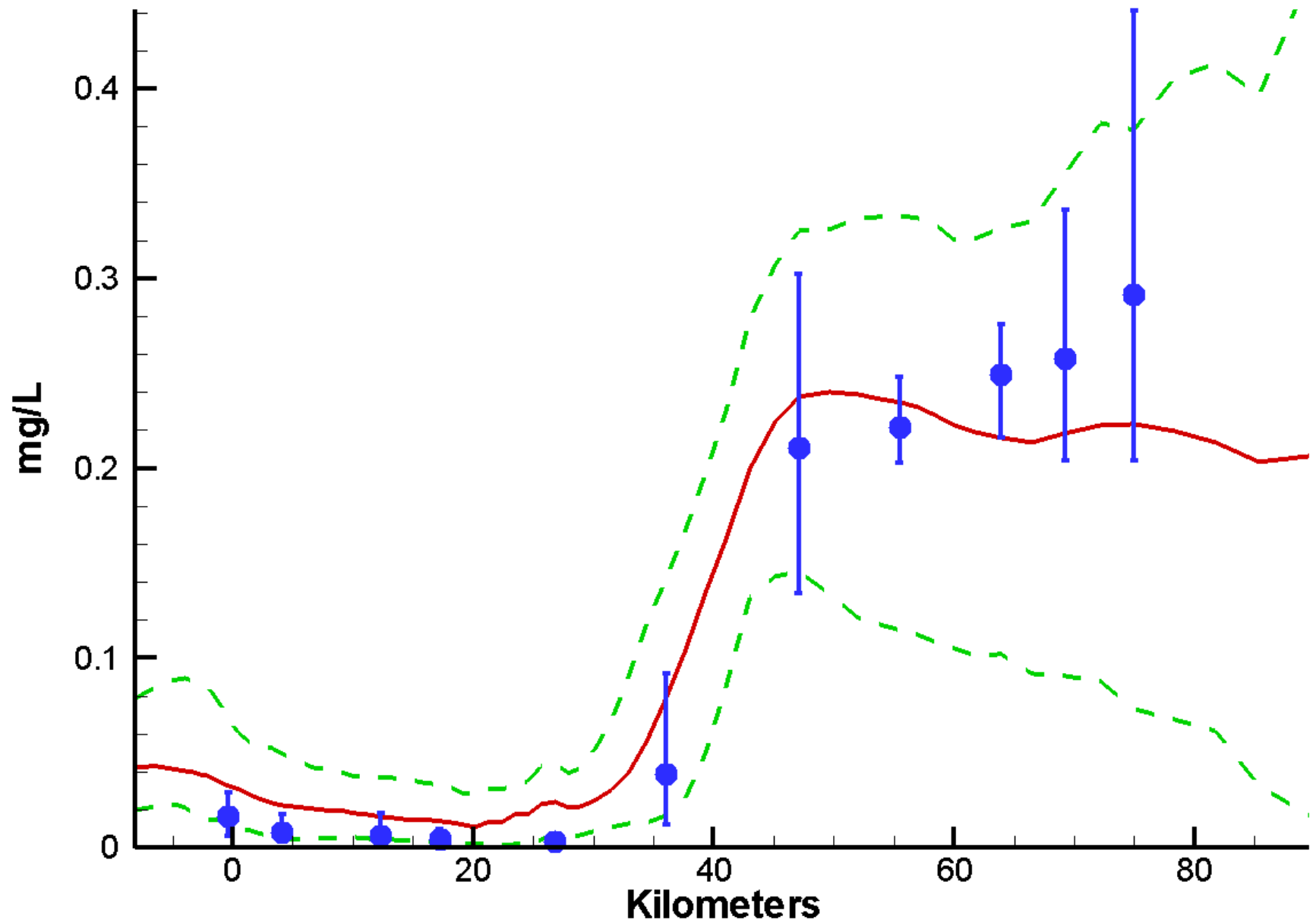
# Patuxent River Ches2015 Run118

## Bottom Ammonium Winter 1994



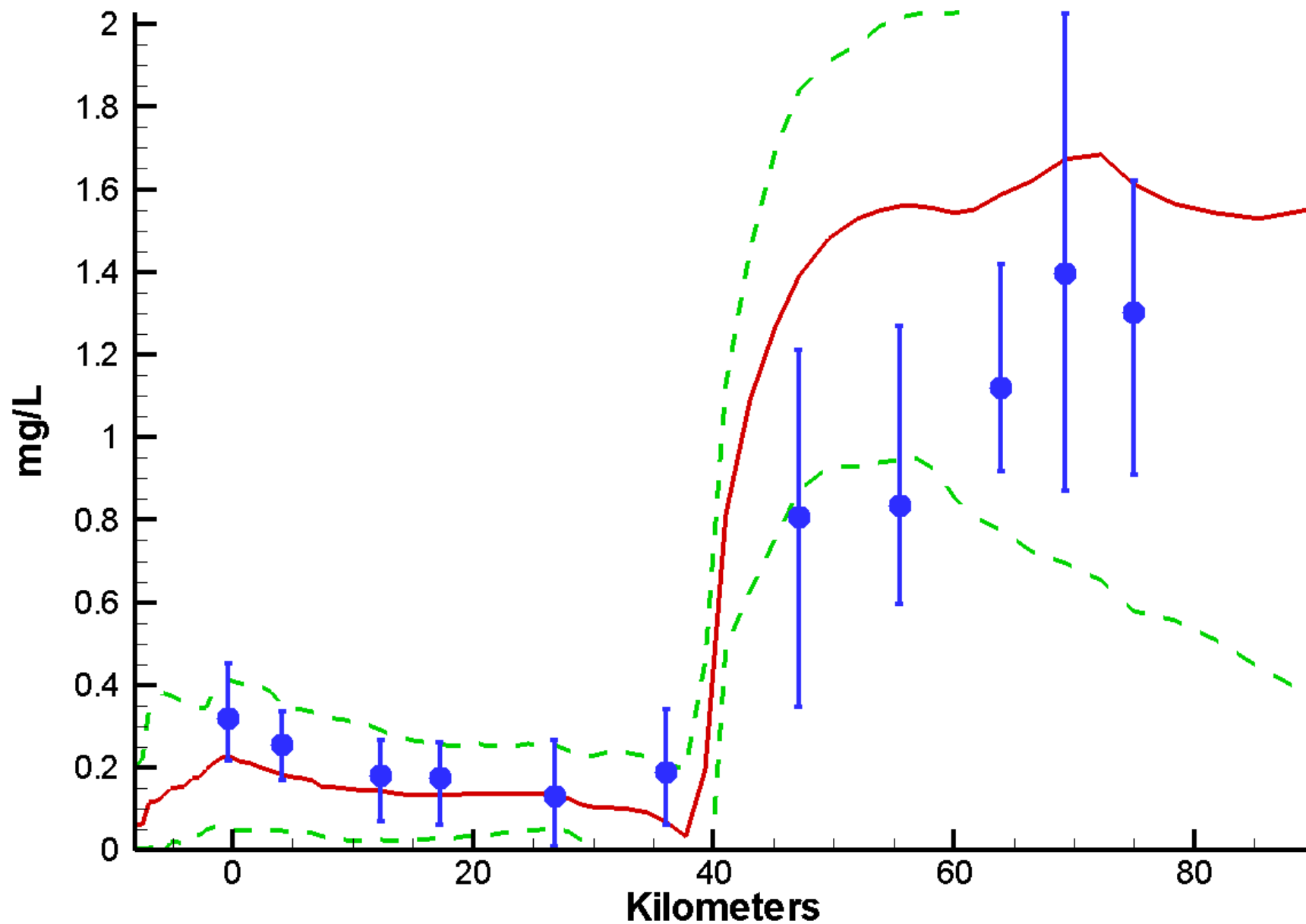
# Patuxent River Ches2015 Run118

## Surface Ammonium Winter 1994



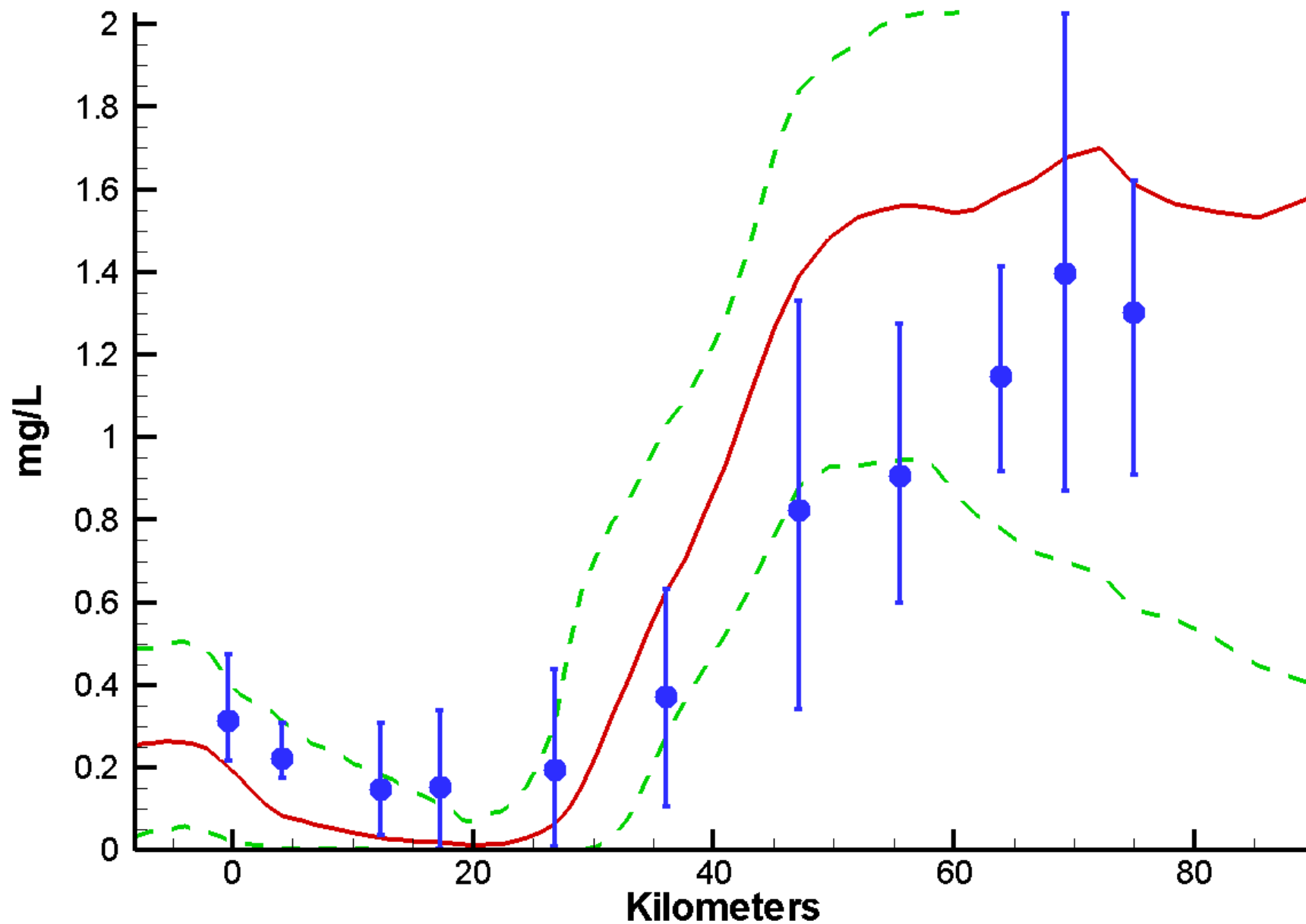
# Patuxent River Ches2015 Run118

## Bottom Nitrate Winter 1994

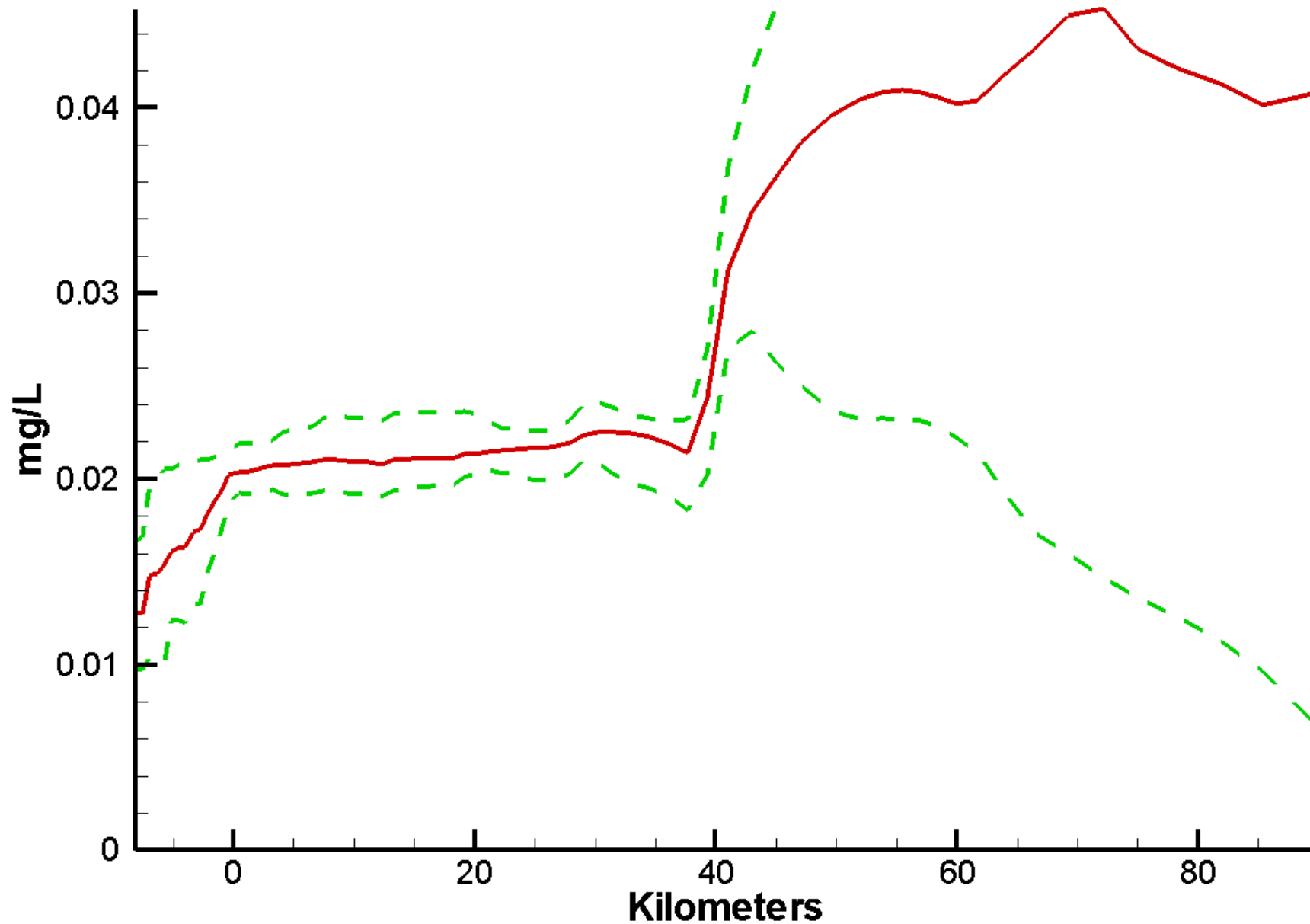


# Patuxent River Ches2015 Run118

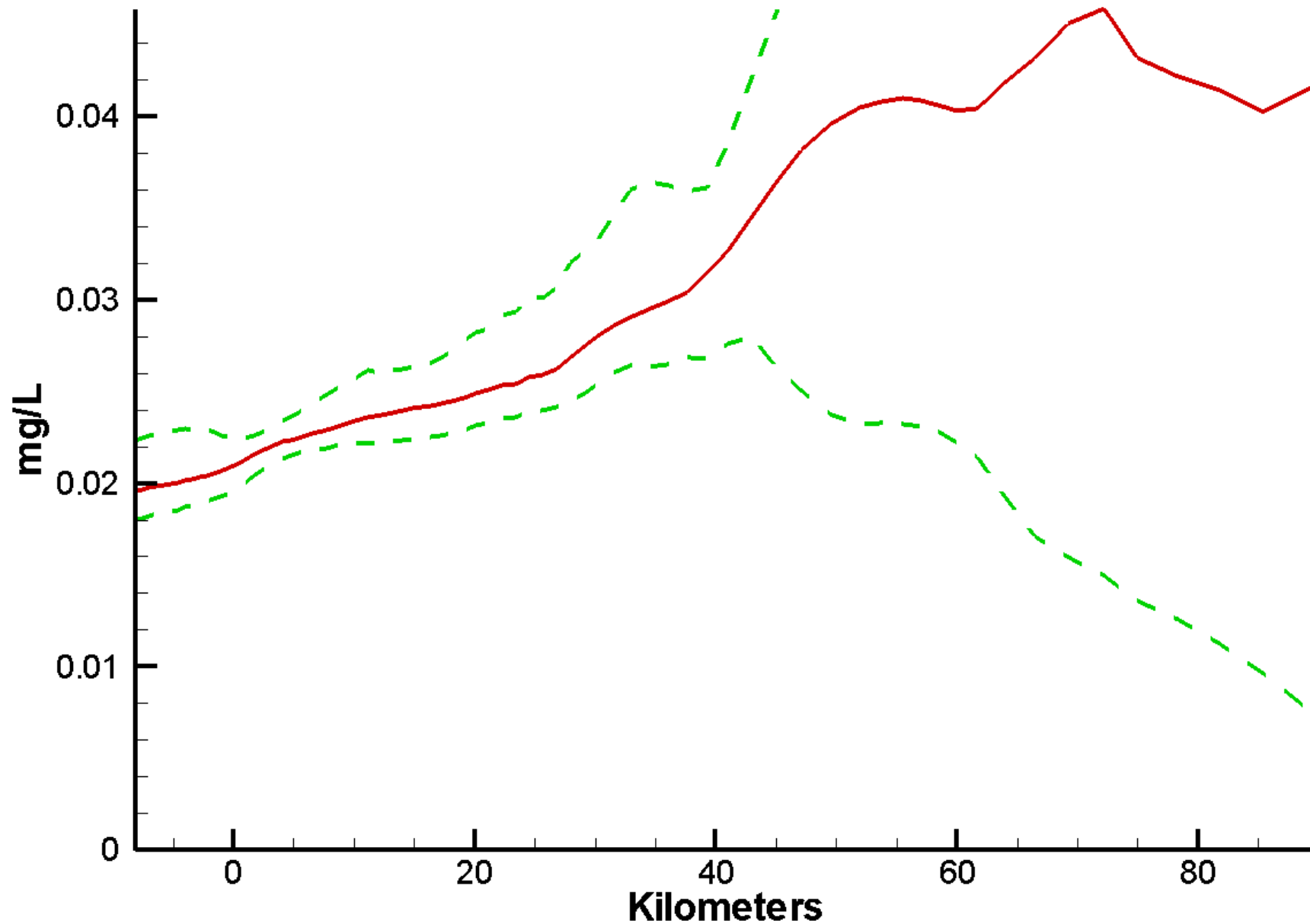
## Surface Nitrate Winter 1994



**Patuxent River Ches2015 Run118**  
**Bottom Particulate Inorganic Phosphorus Winter 1994**

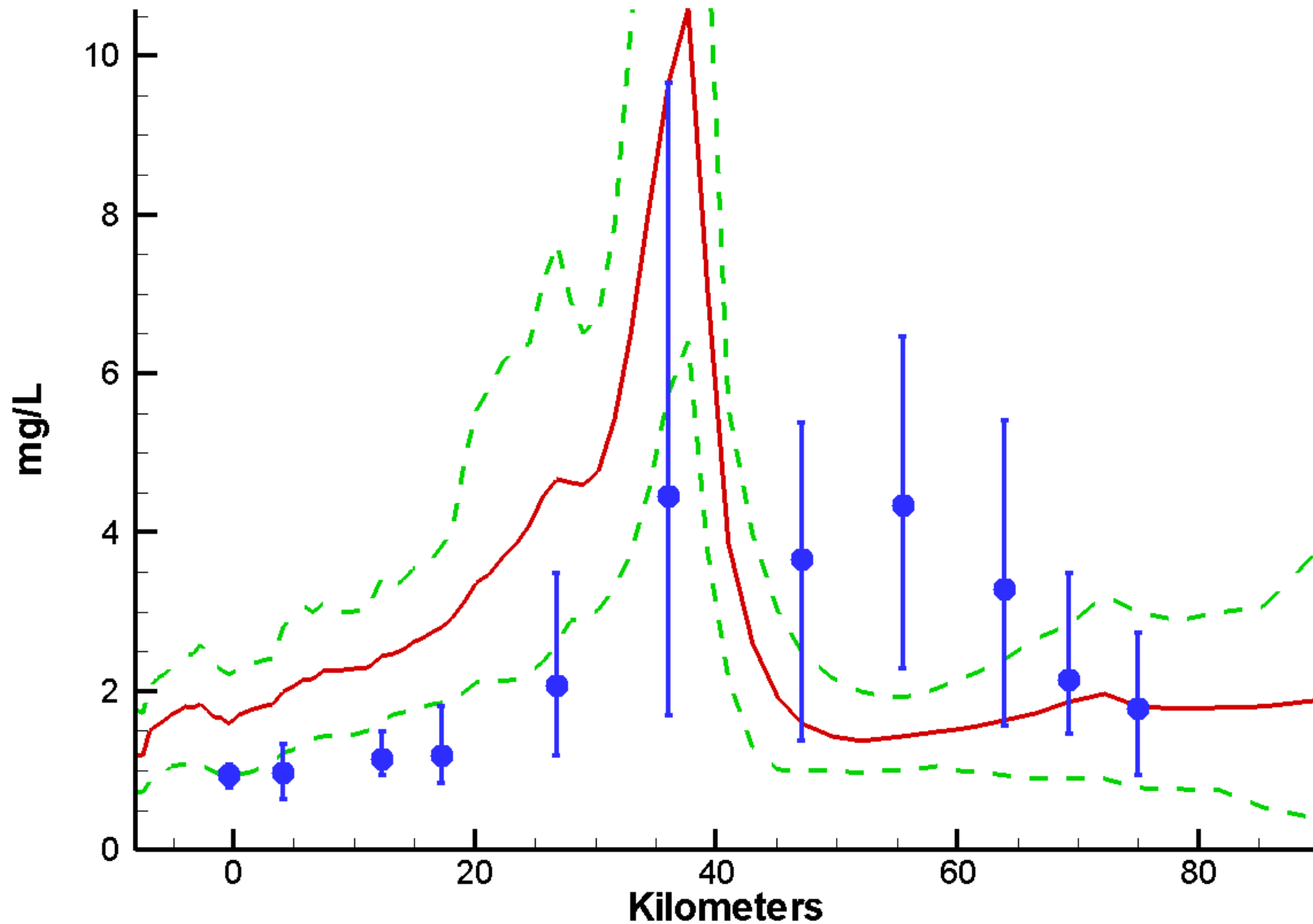


**Patuxent River Ches2015 Run118**  
**Surface Particulate Inorganic Phosphorus Winter 1994**



# Patuxent River Ches2015 Run118

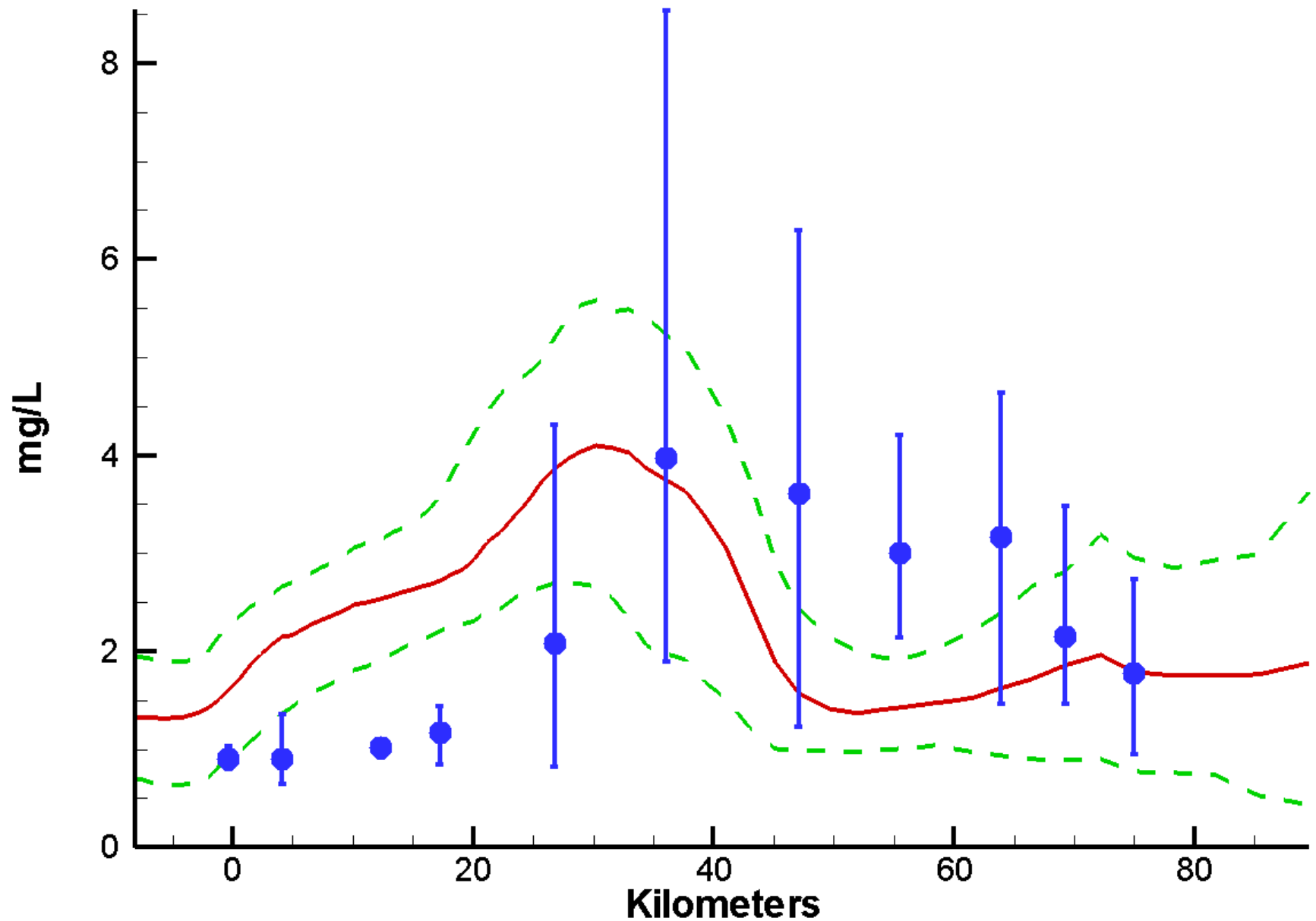
## Bottom Particulate Organic Carbon Winter 1994





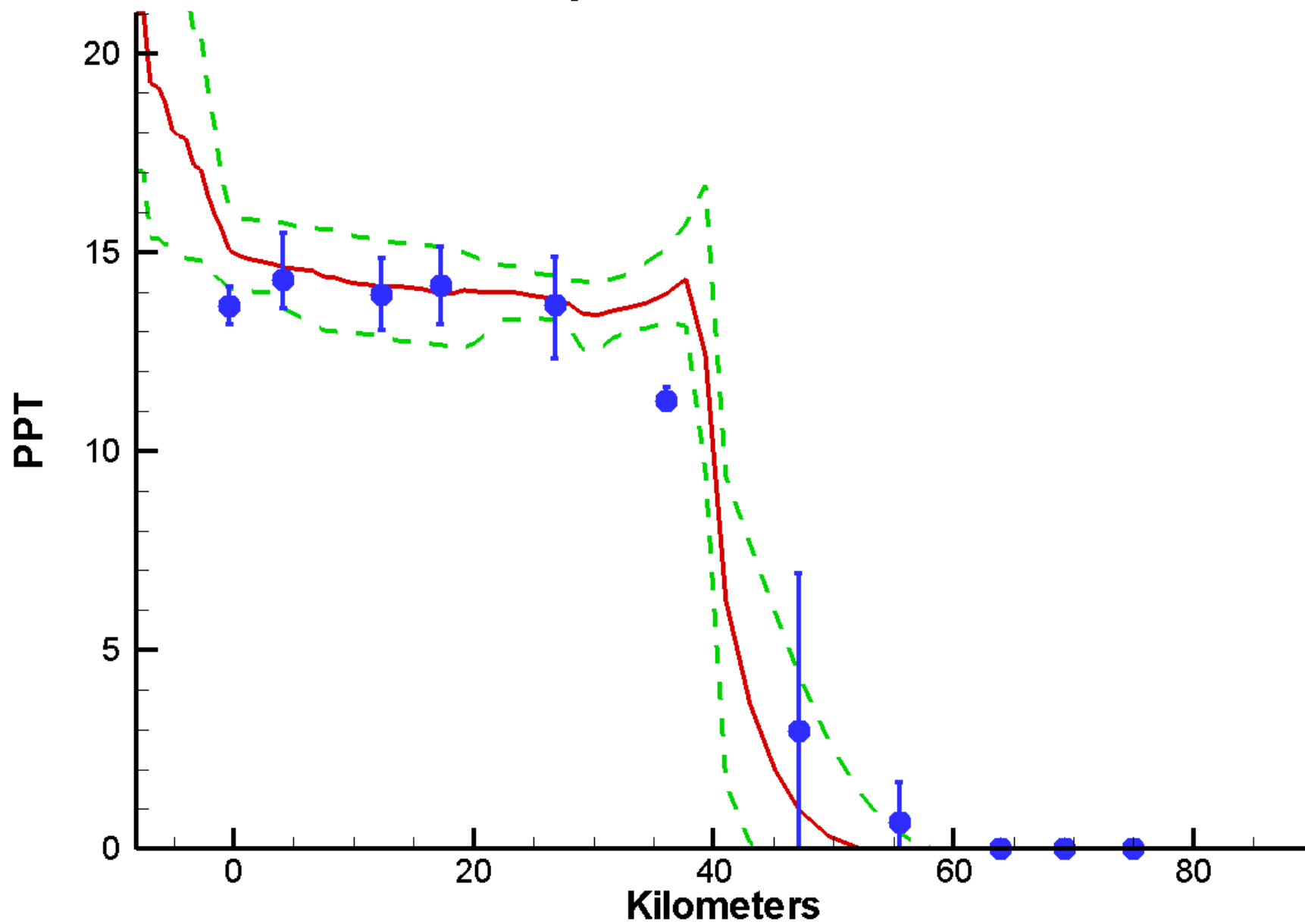
# Patuxent River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1994



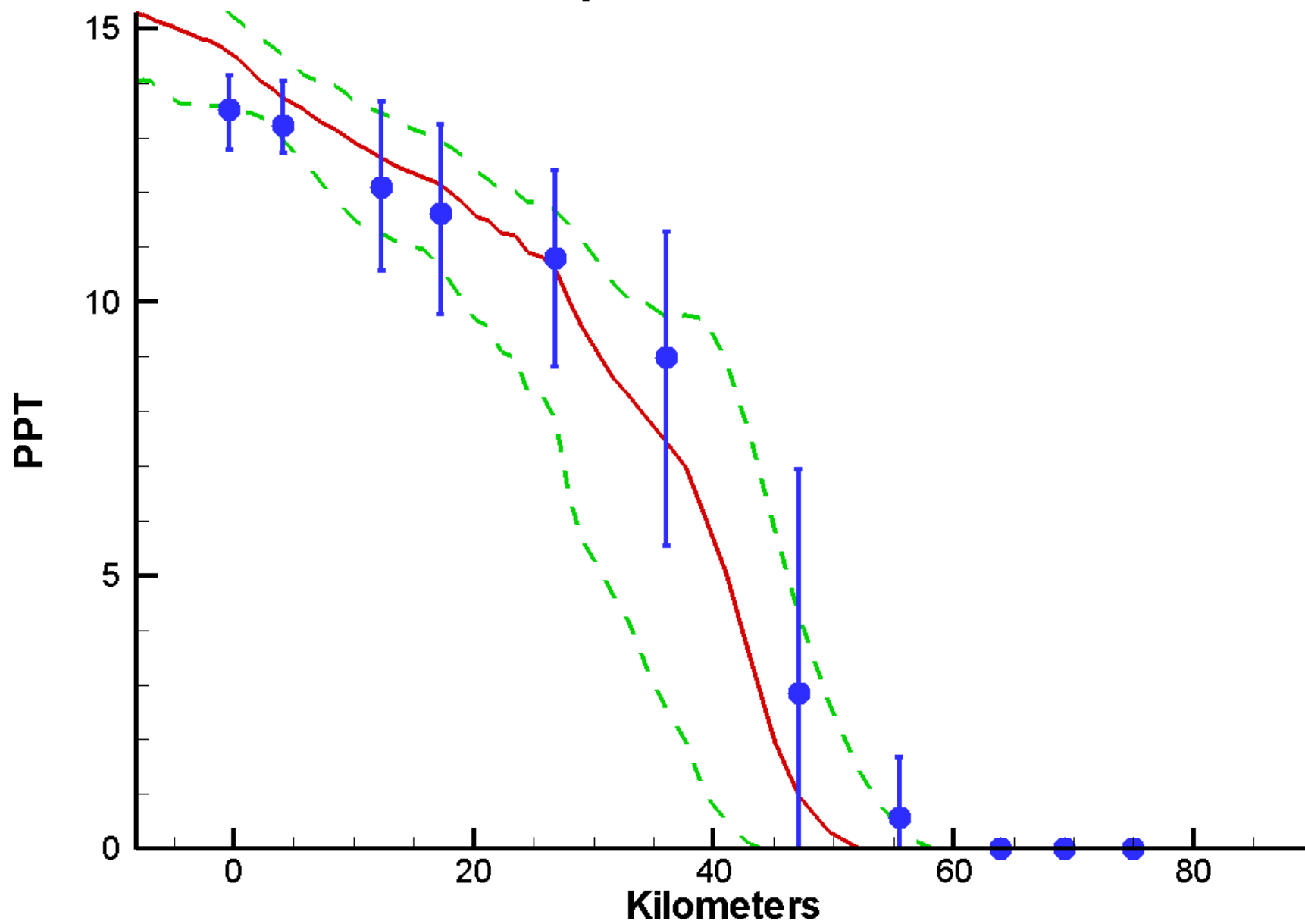
# Patuxent River Ches2015 Run118

## Bottom Salinity Winter 1994



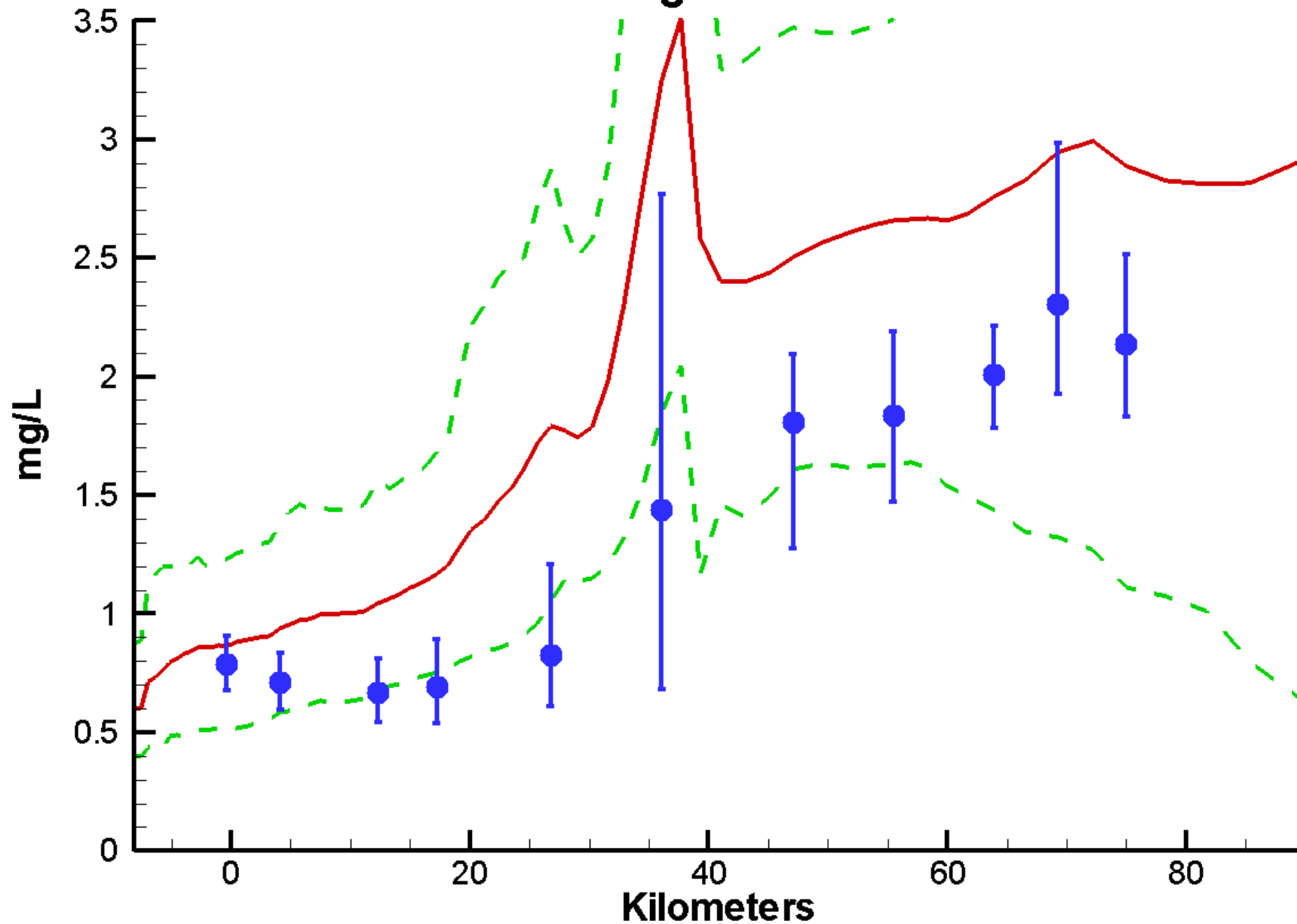
# Patuxent River Ches2015 Run118

## Surface Salinity Winter 1994



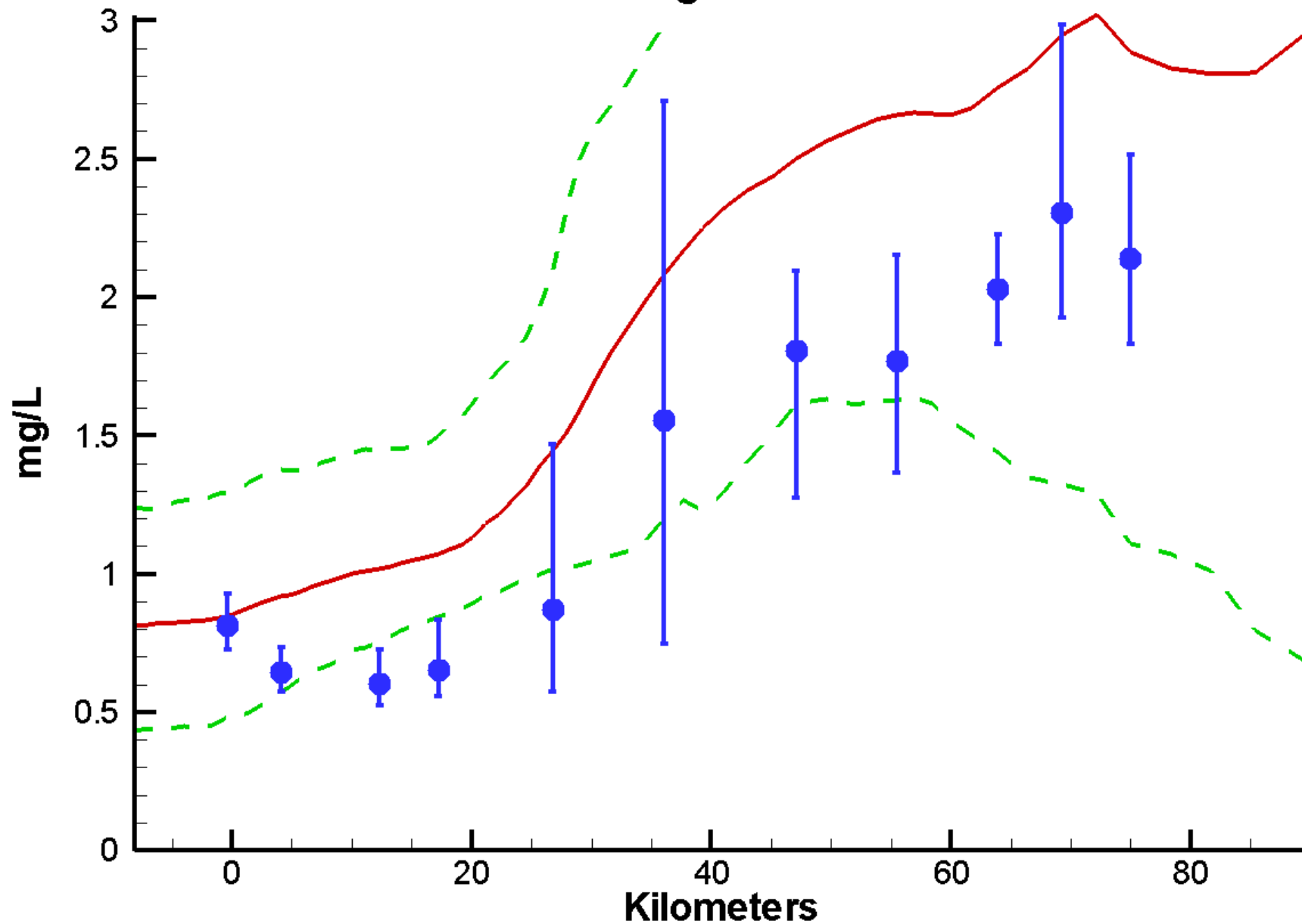
# Patuxent River Ches2015 Run118

## Bottom Total Nitrogen Winter 1994



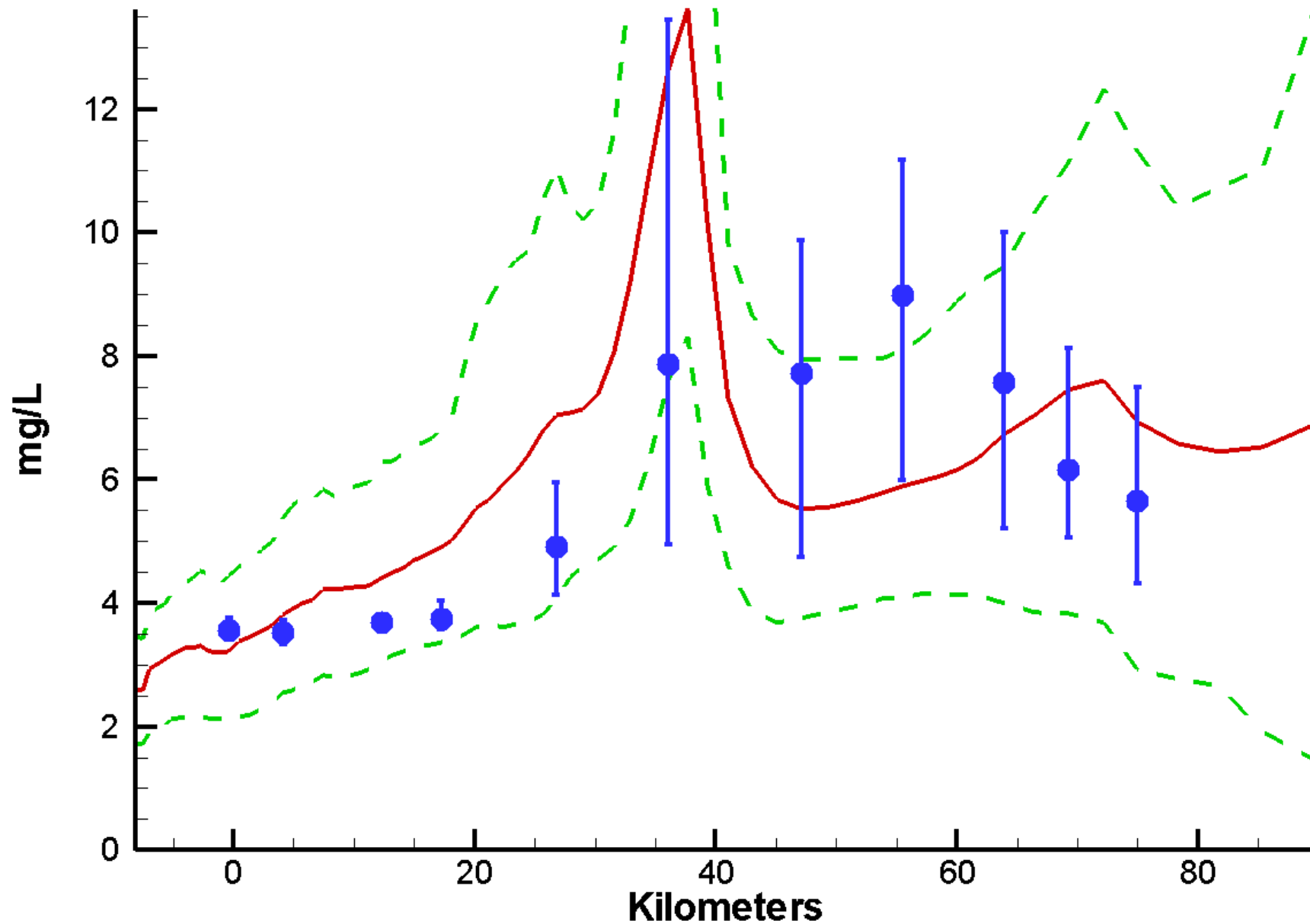
# Patuxent River Ches2015 Run118

## Surface Total Nitrogen Winter 1994



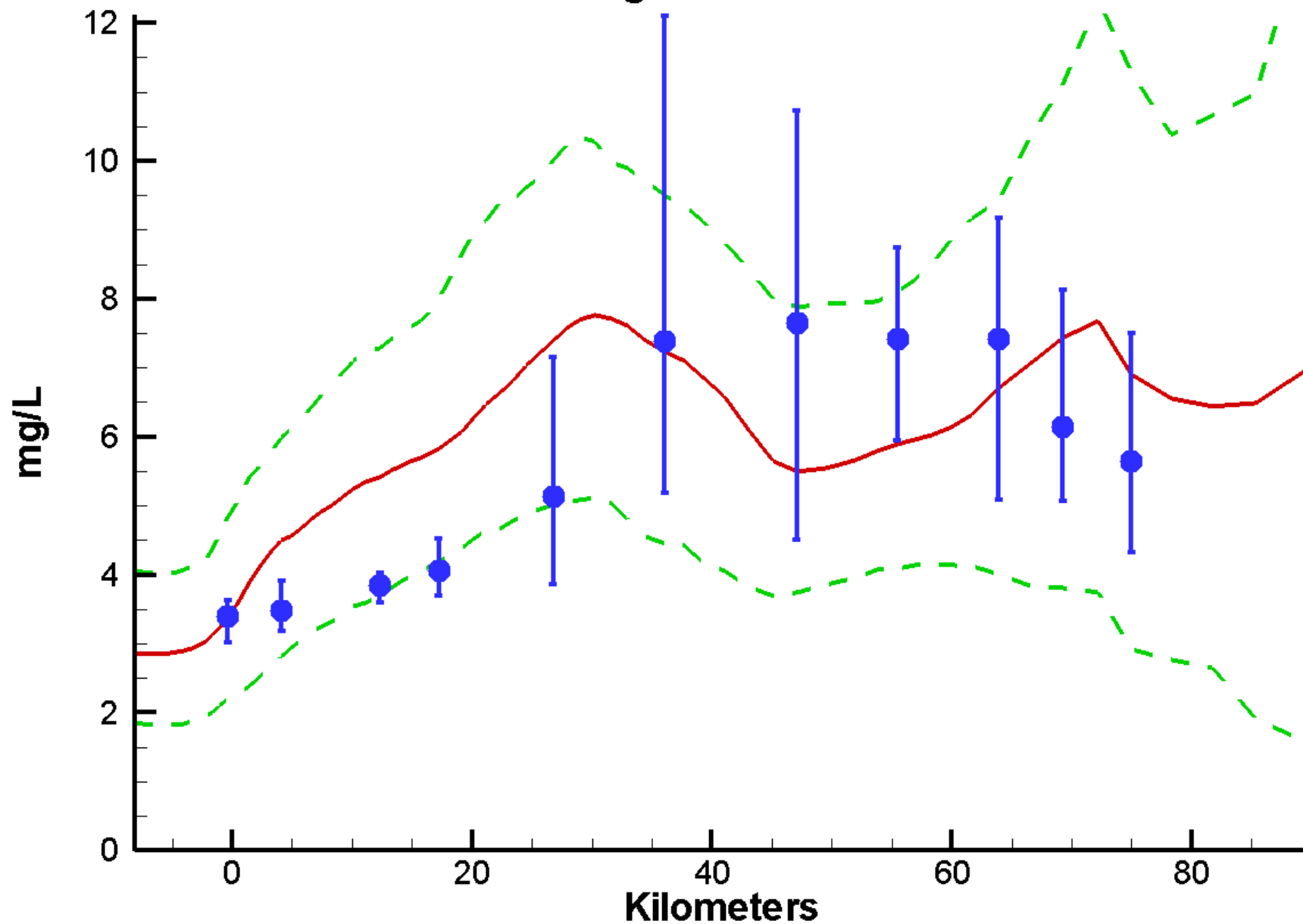
# Patuxent River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1994



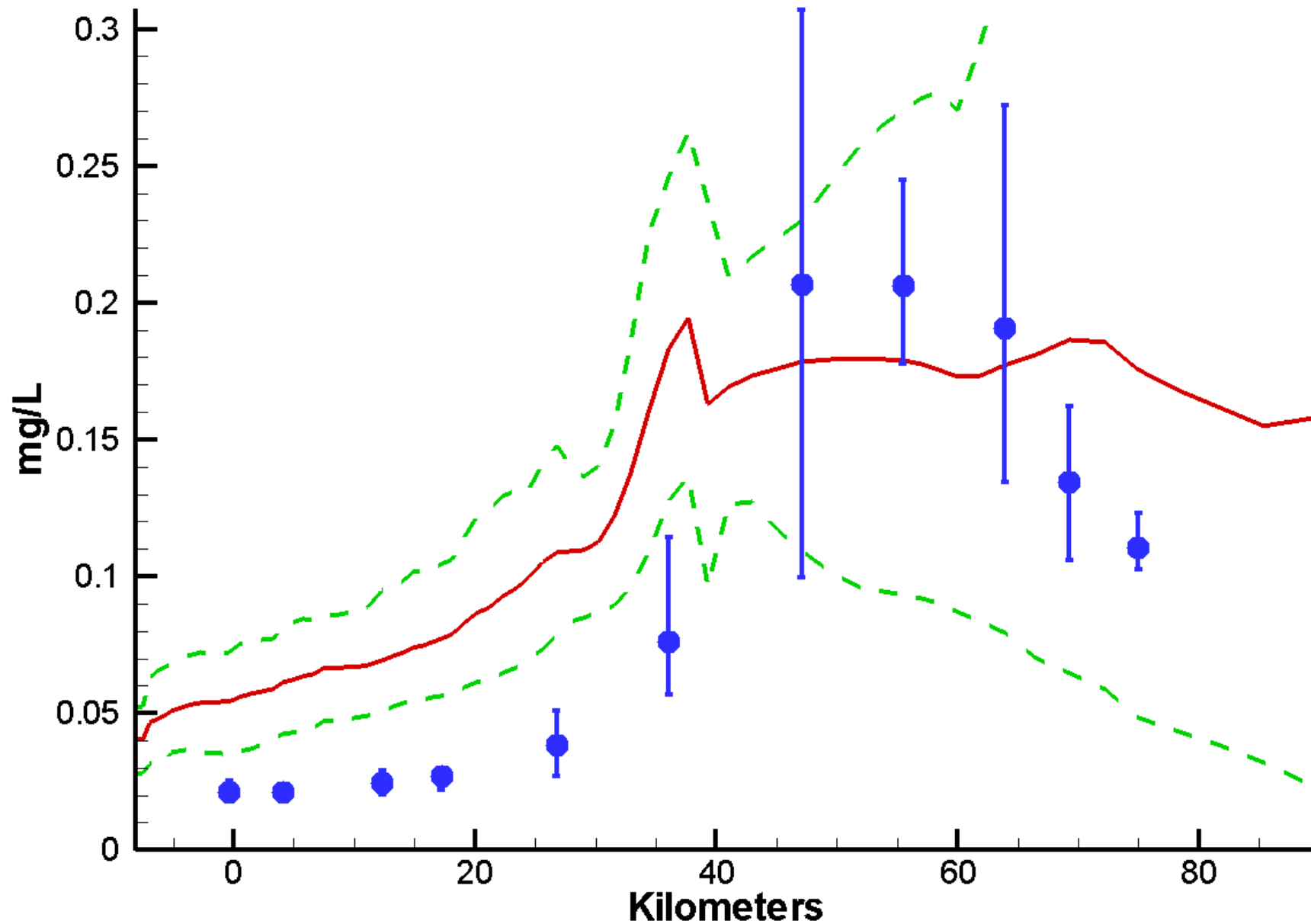
# Patuxent River Ches2015 Run118

## Surface Total Organic Carbon Winter 1994



# Patuxent River Ches2015 Run118

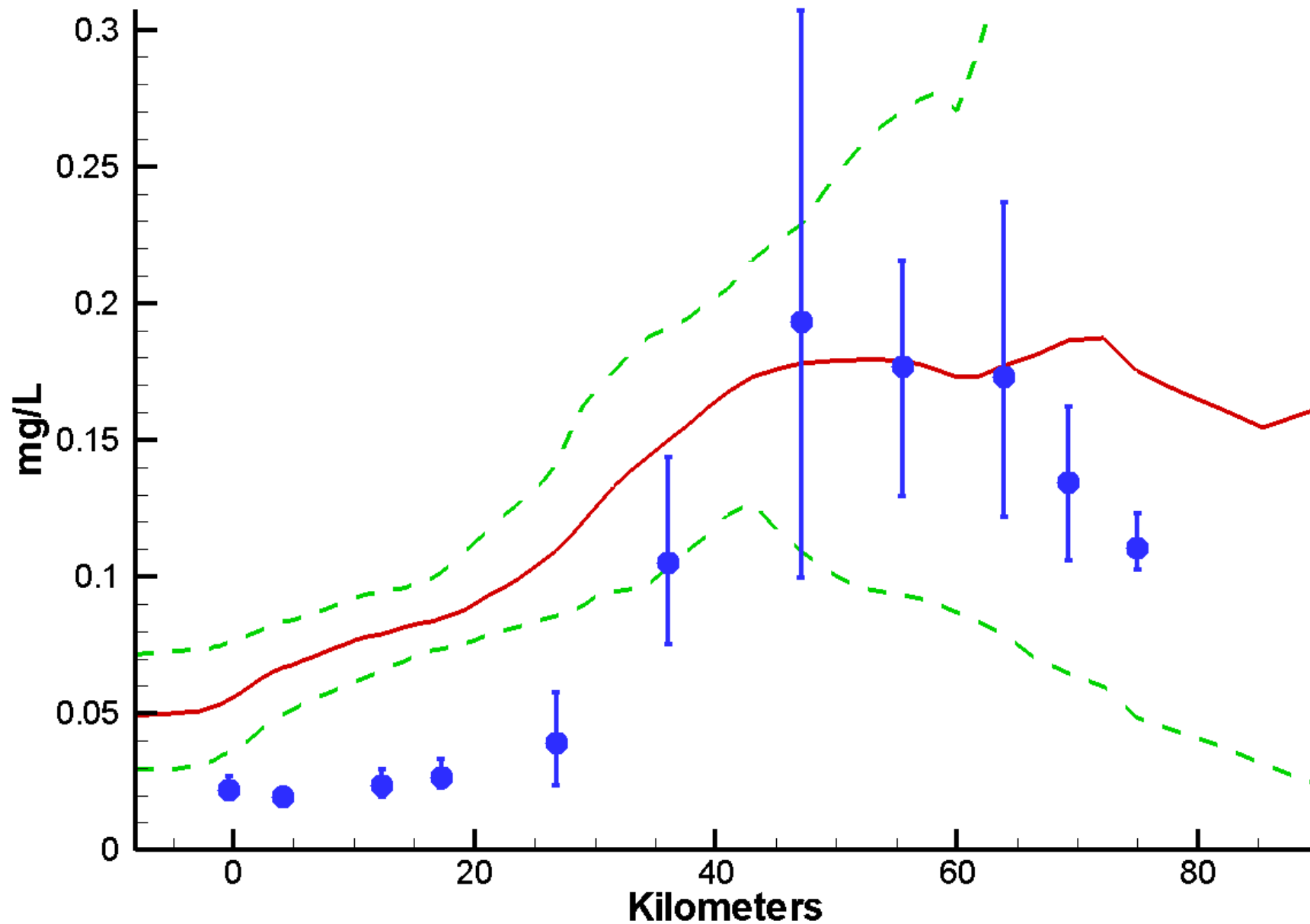
## Bottom Total Phosphorus Winter 1994





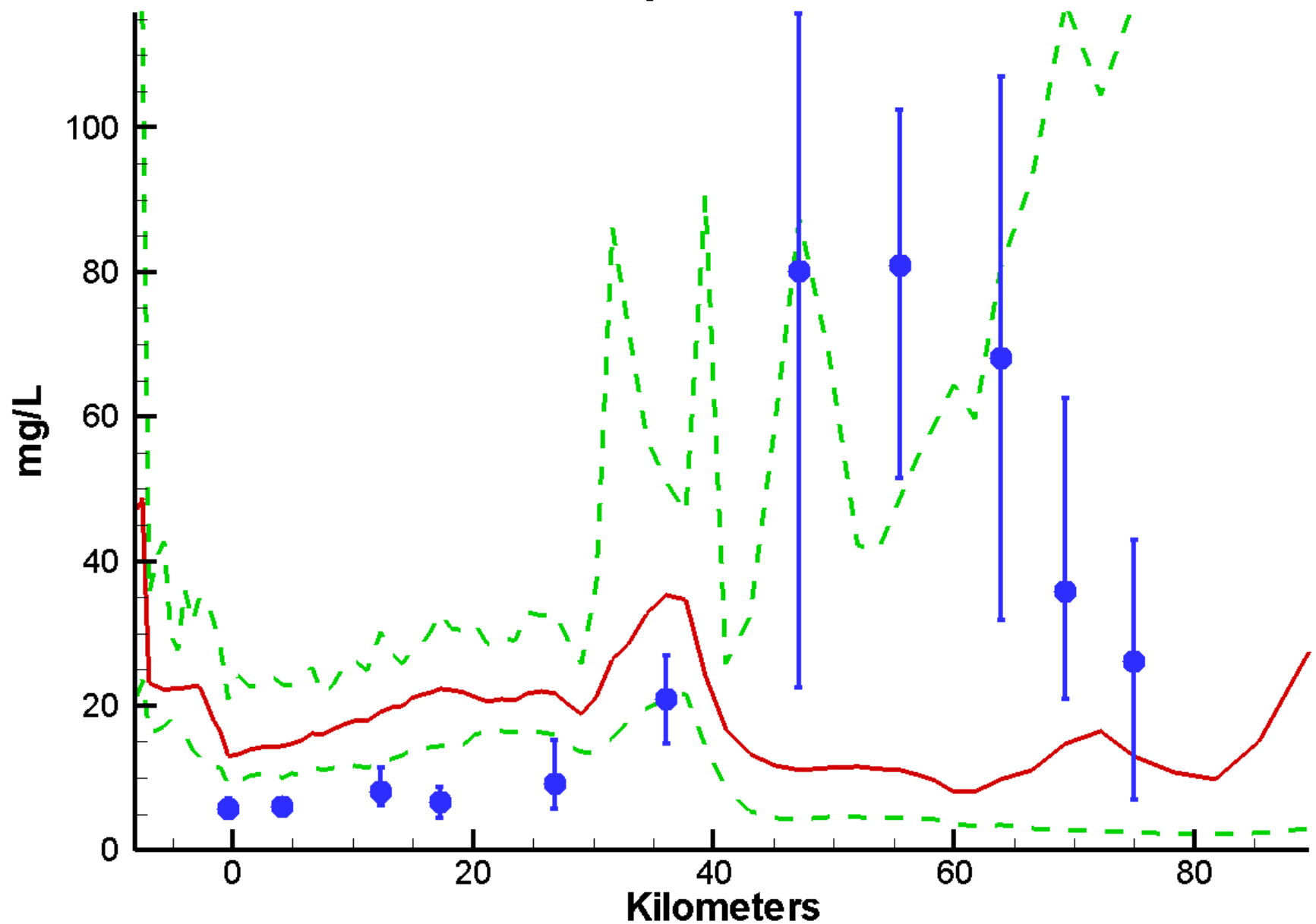
# Patuxent River Ches2015 Run118

## Surface Total Phosphorus Winter 1994



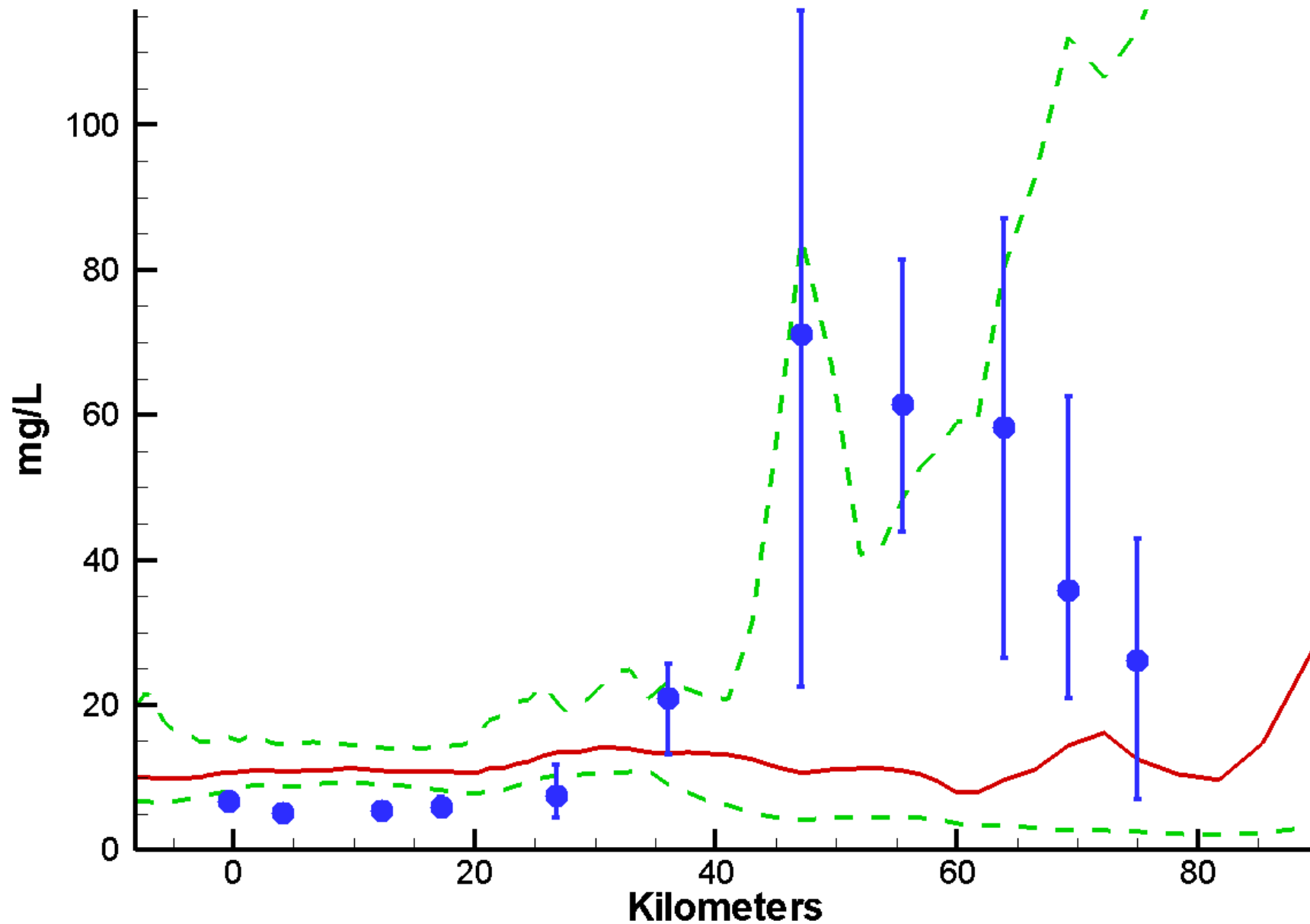
# Patuxent River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1994



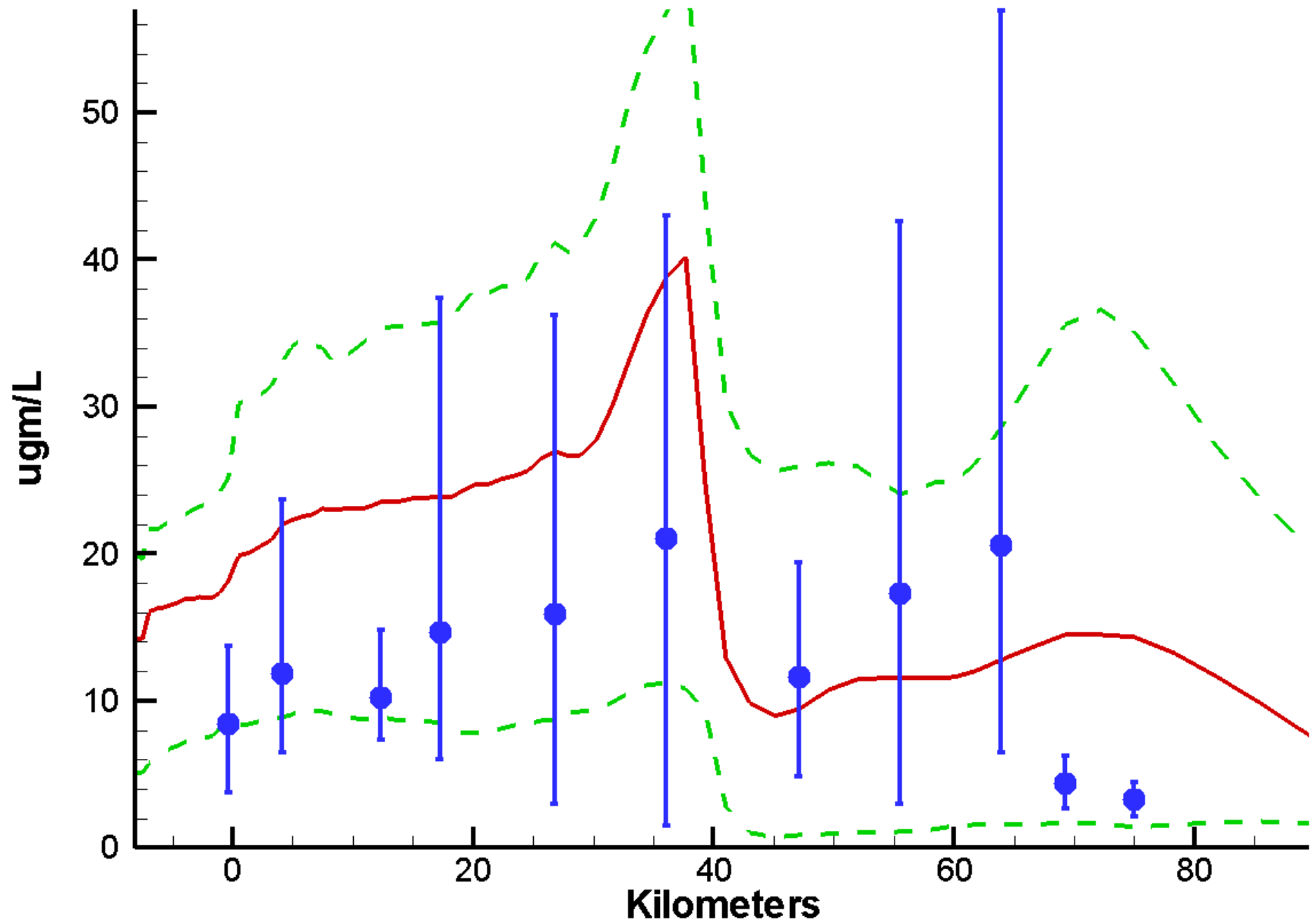
# Patuxent River Ches2015 Run118

## Surface Total Suspended Solids Winter 1994



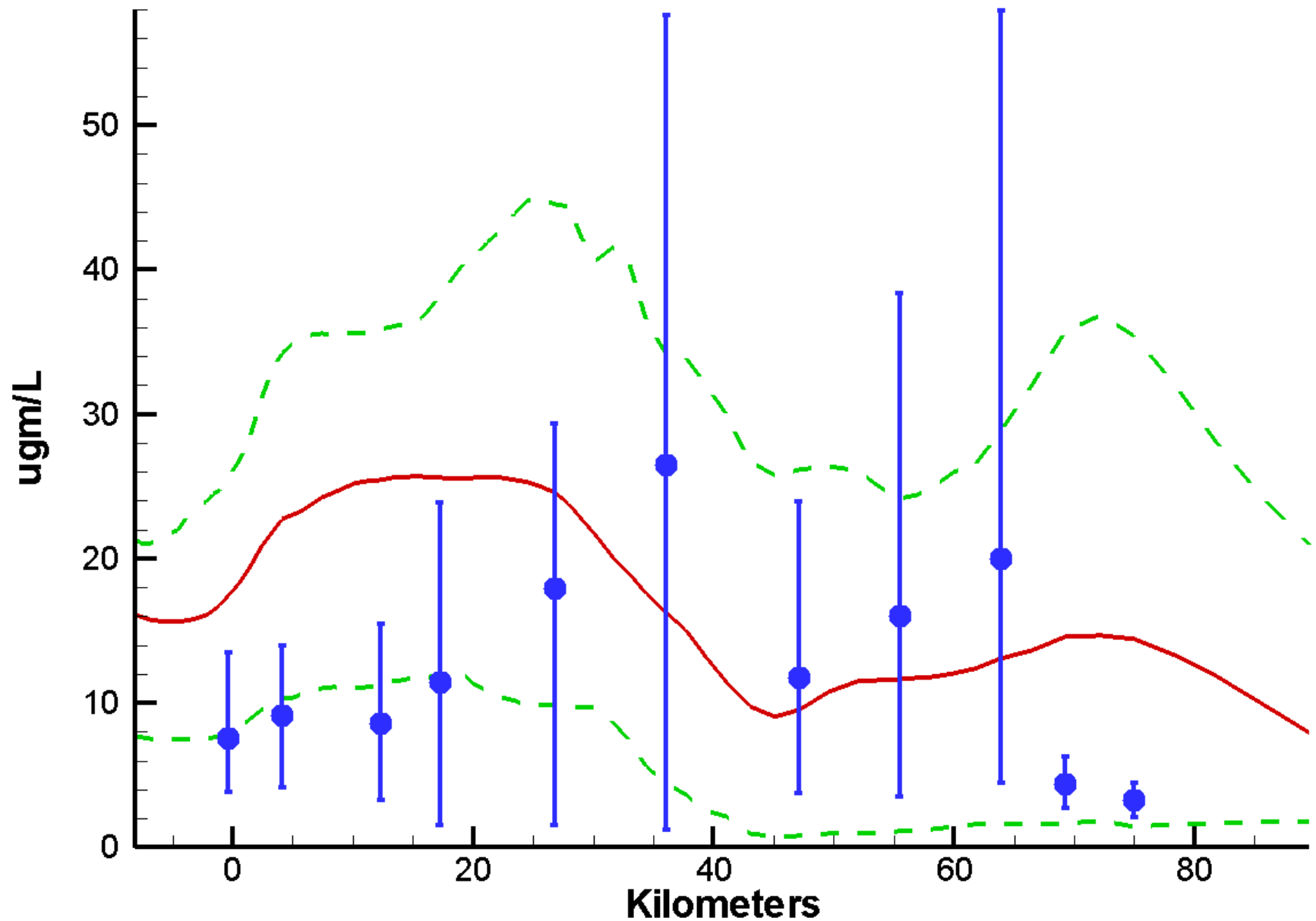
# Patuxent River Ches2015 Run118

## Bottom Chlorophyll Spring 1994



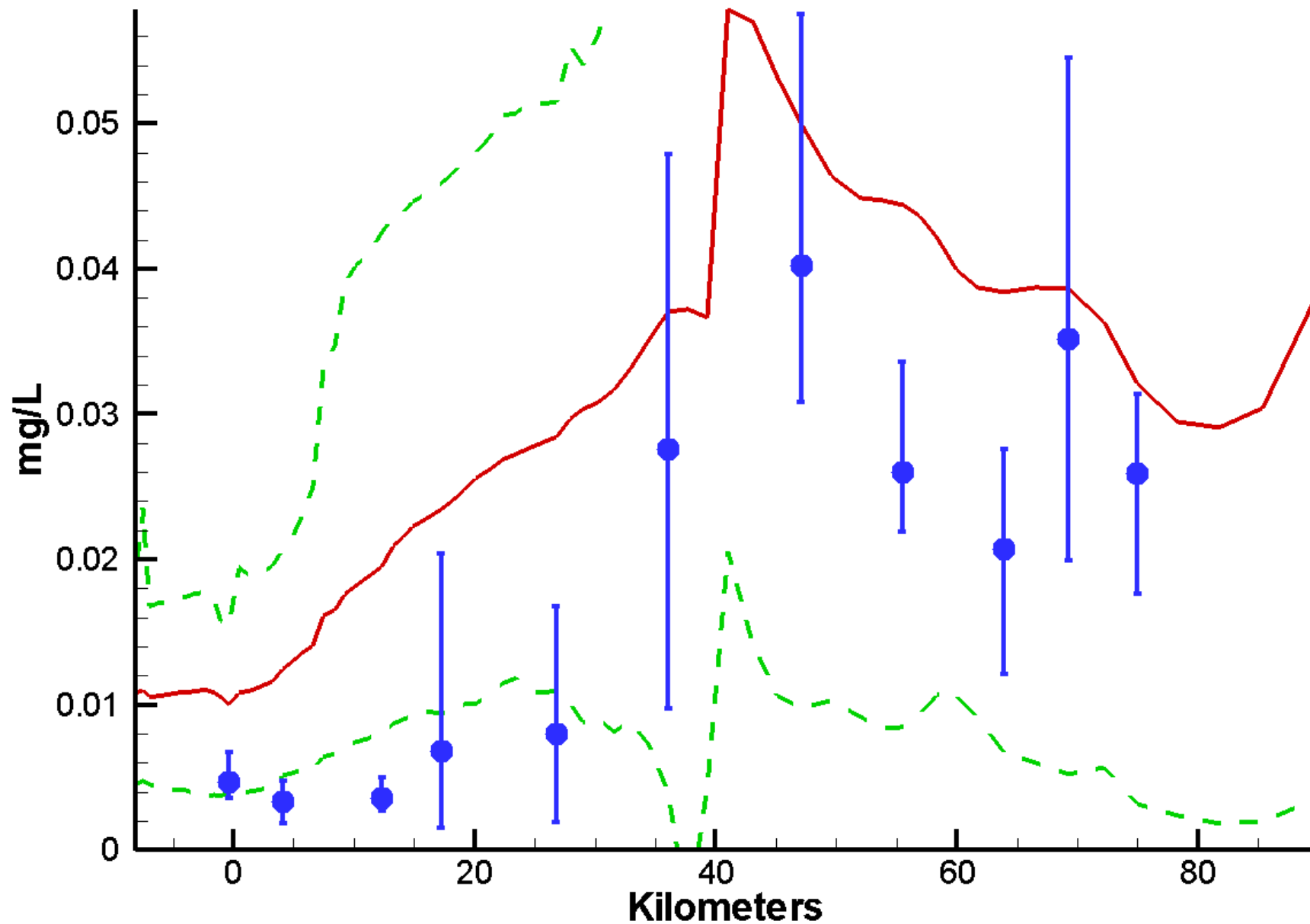
# Patuxent River Ches2015 Run118

## Surface Chlorophyll Spring 1994



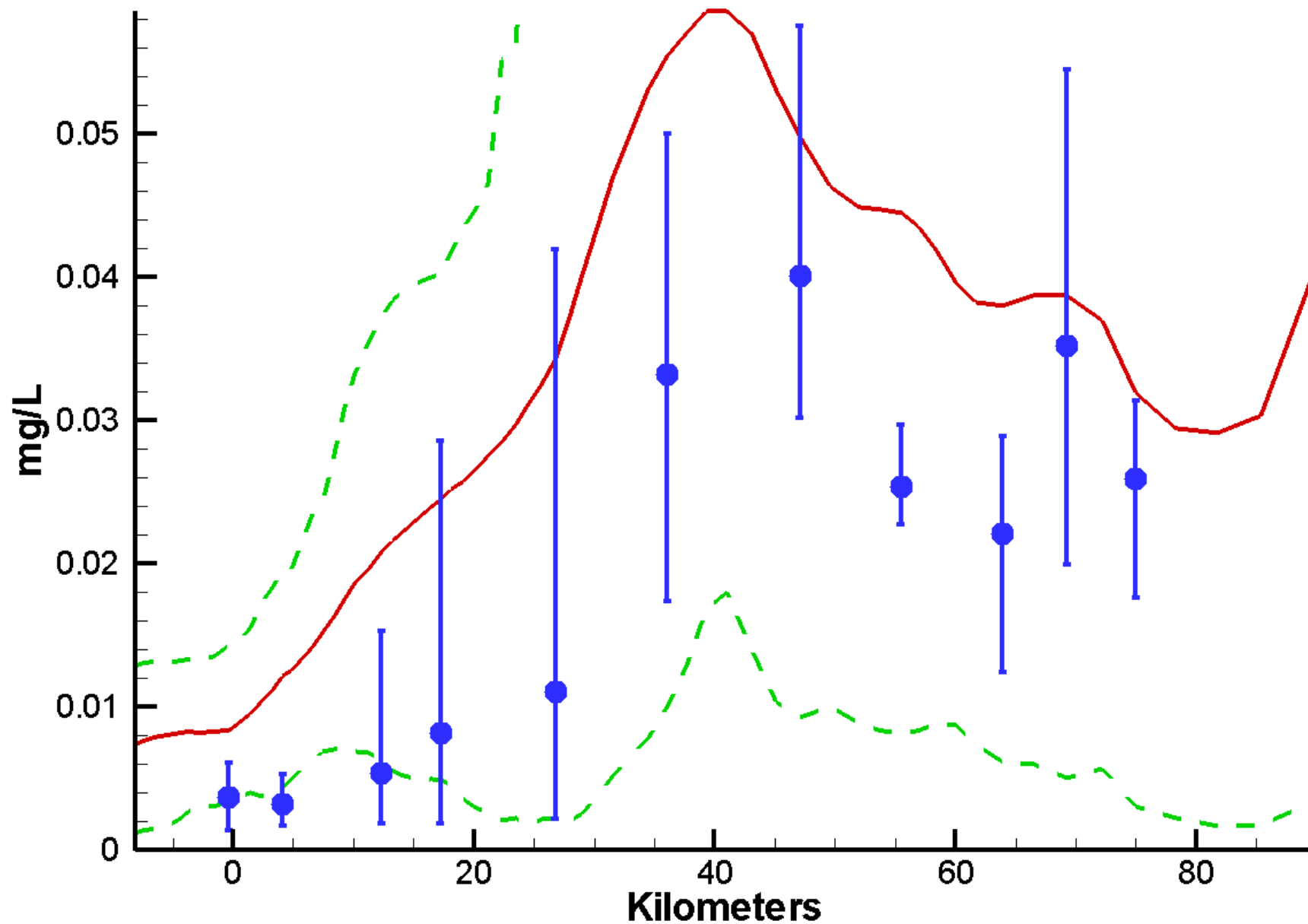
# Patuxent River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1994

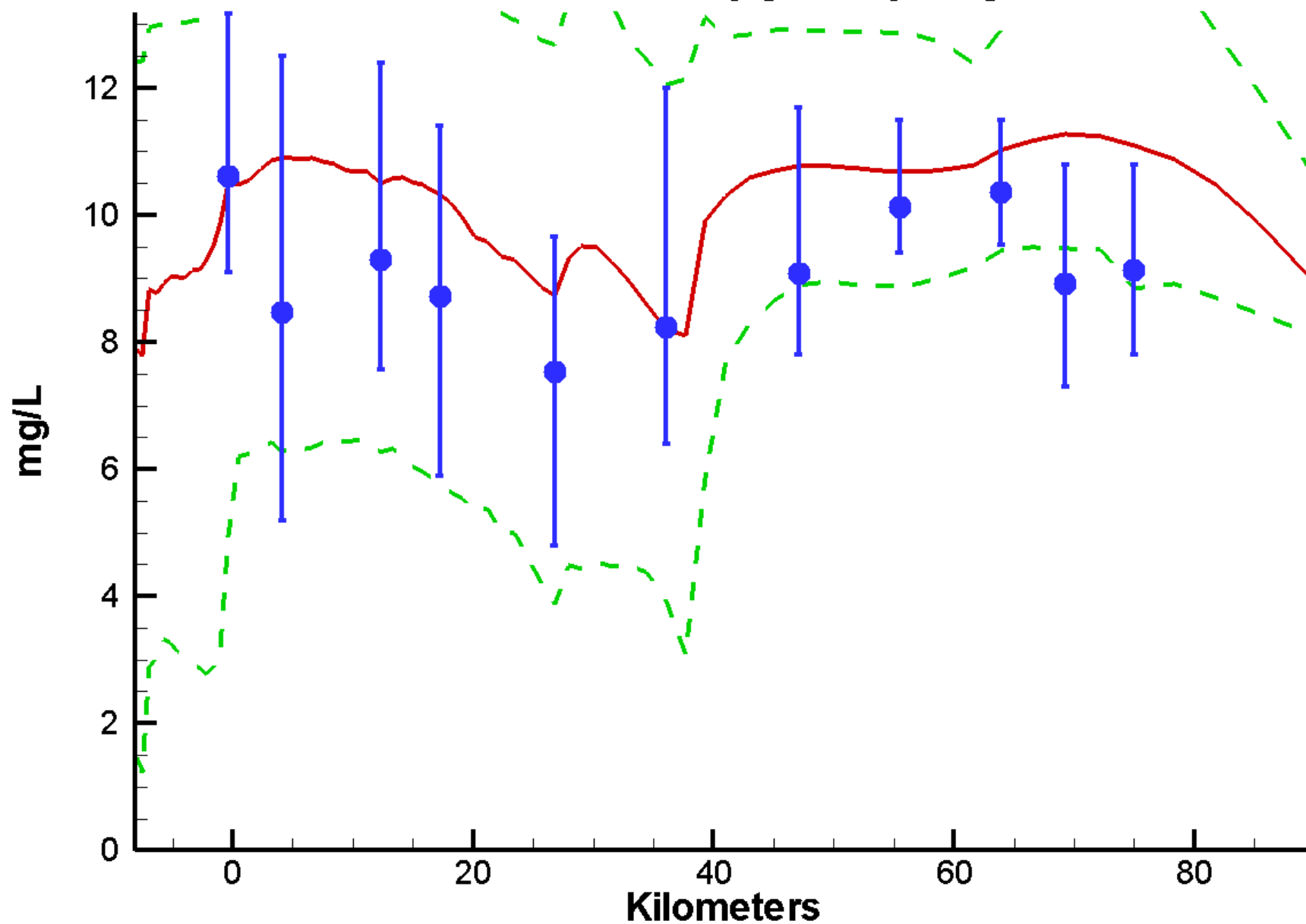


# Patuxent River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1994



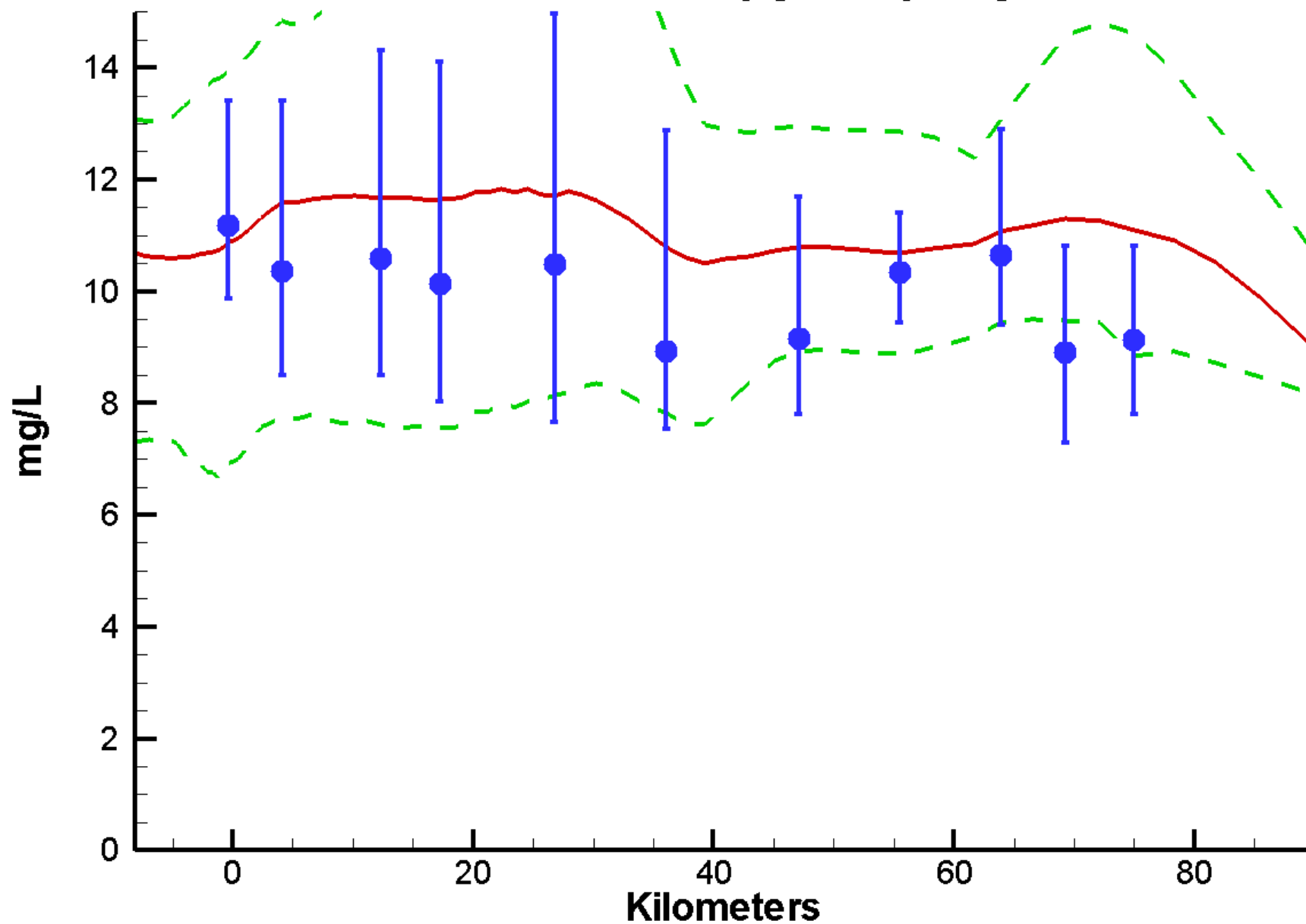
# Patuxent River Ches2015 Run118 Bottom Dissolved Oxygen Spring 1994





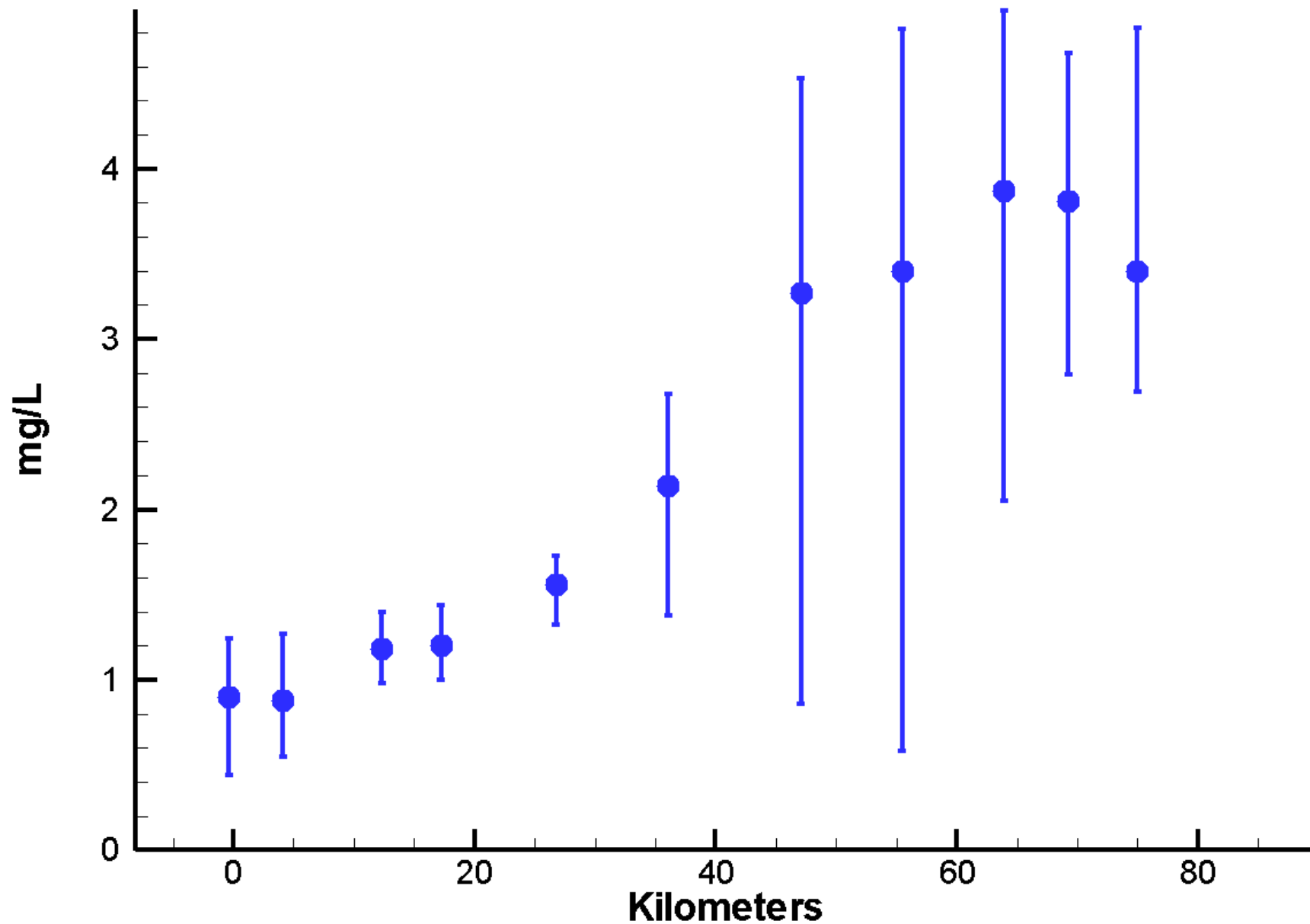
# Patuxent River Ches2015 Run118

## Surface Dissolved Oxygen Spring 1994



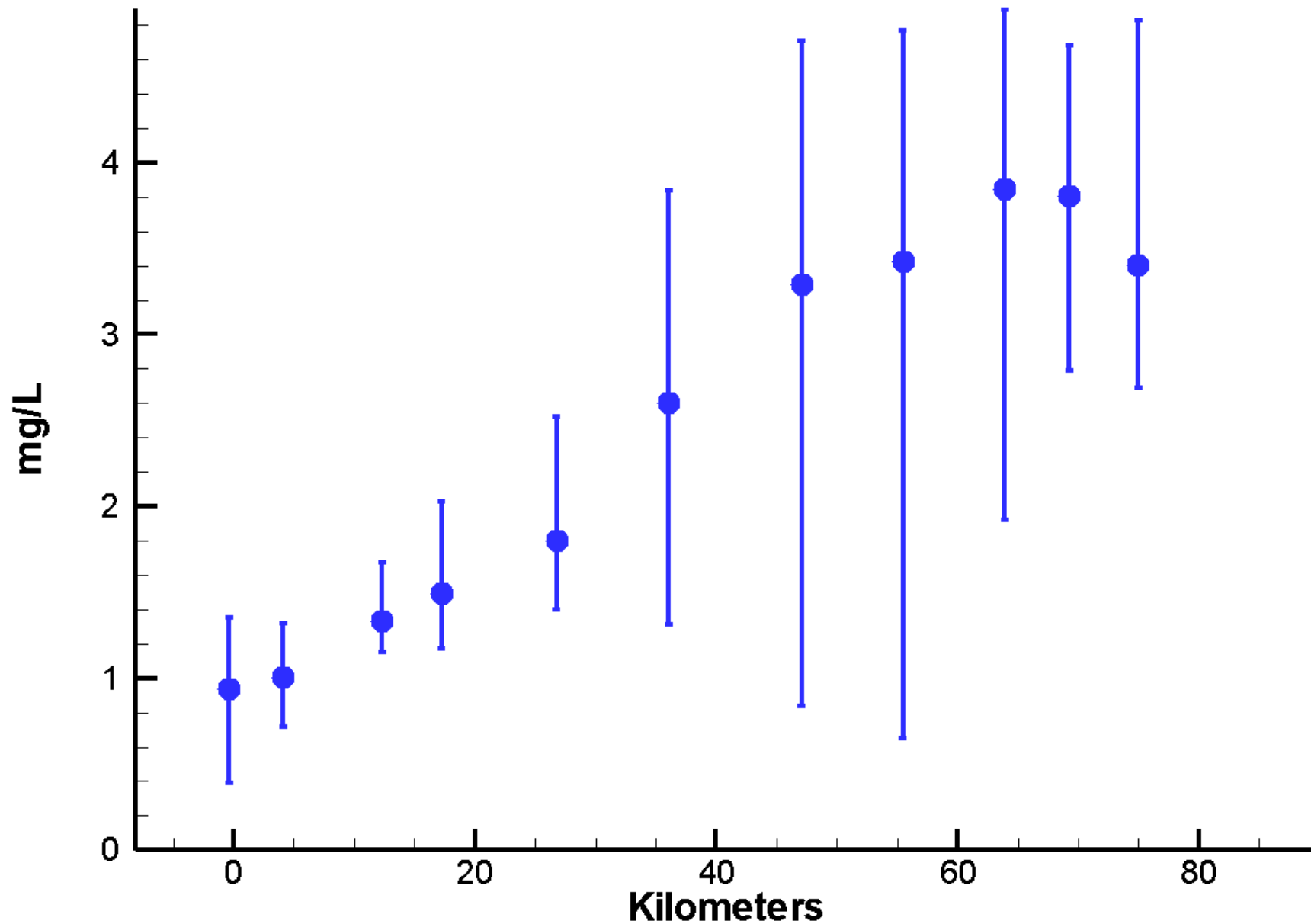
# Patuxent River Ches2015 Run118

## Bottom Dissolved Silica Spring 1994



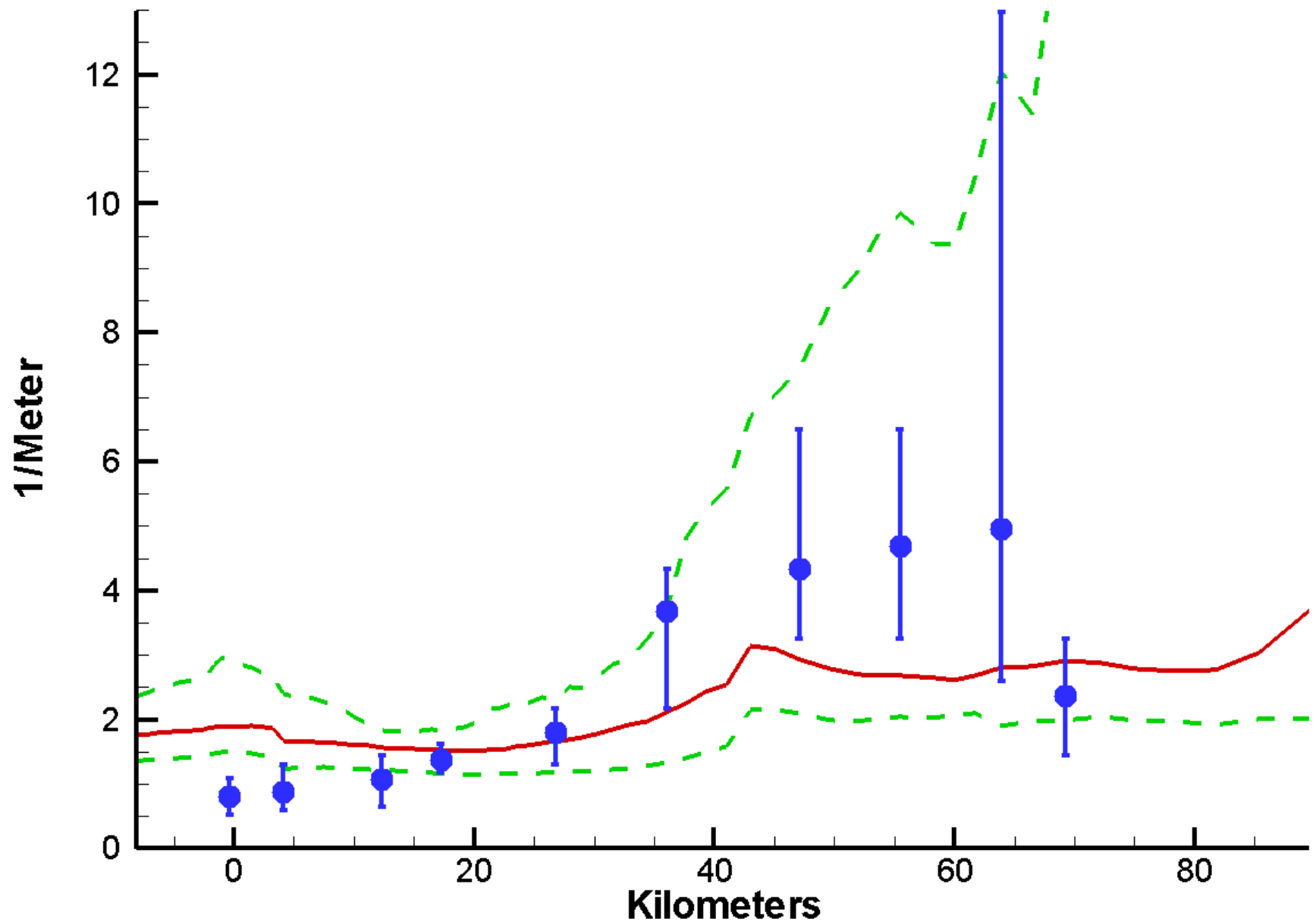
# Patuxent River Ches2015 Run118

## Surface Dissolved Silica Spring 1994



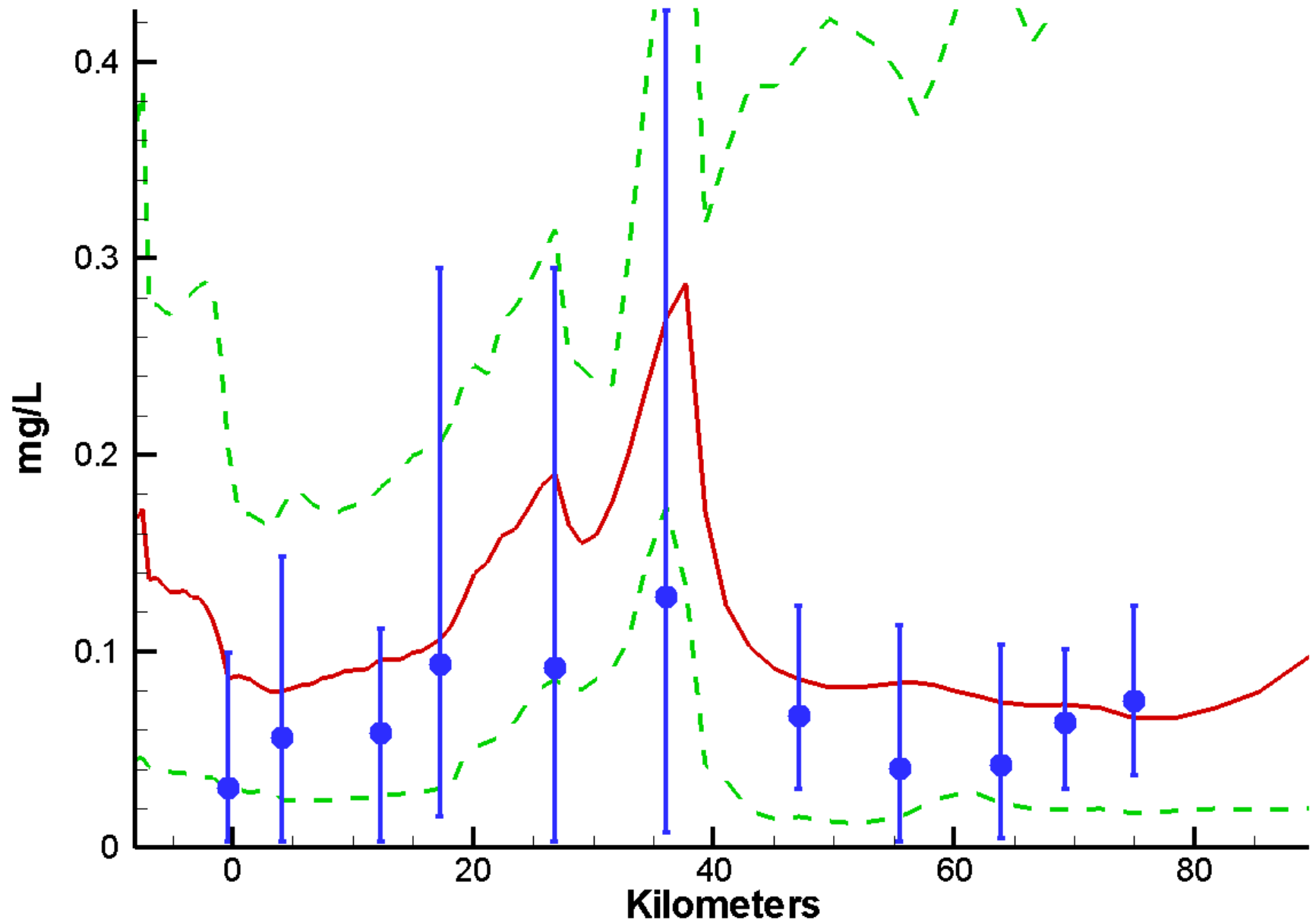
# Patuxent River Ches2015 Run118

## Surface Light Extinction Spring 1994

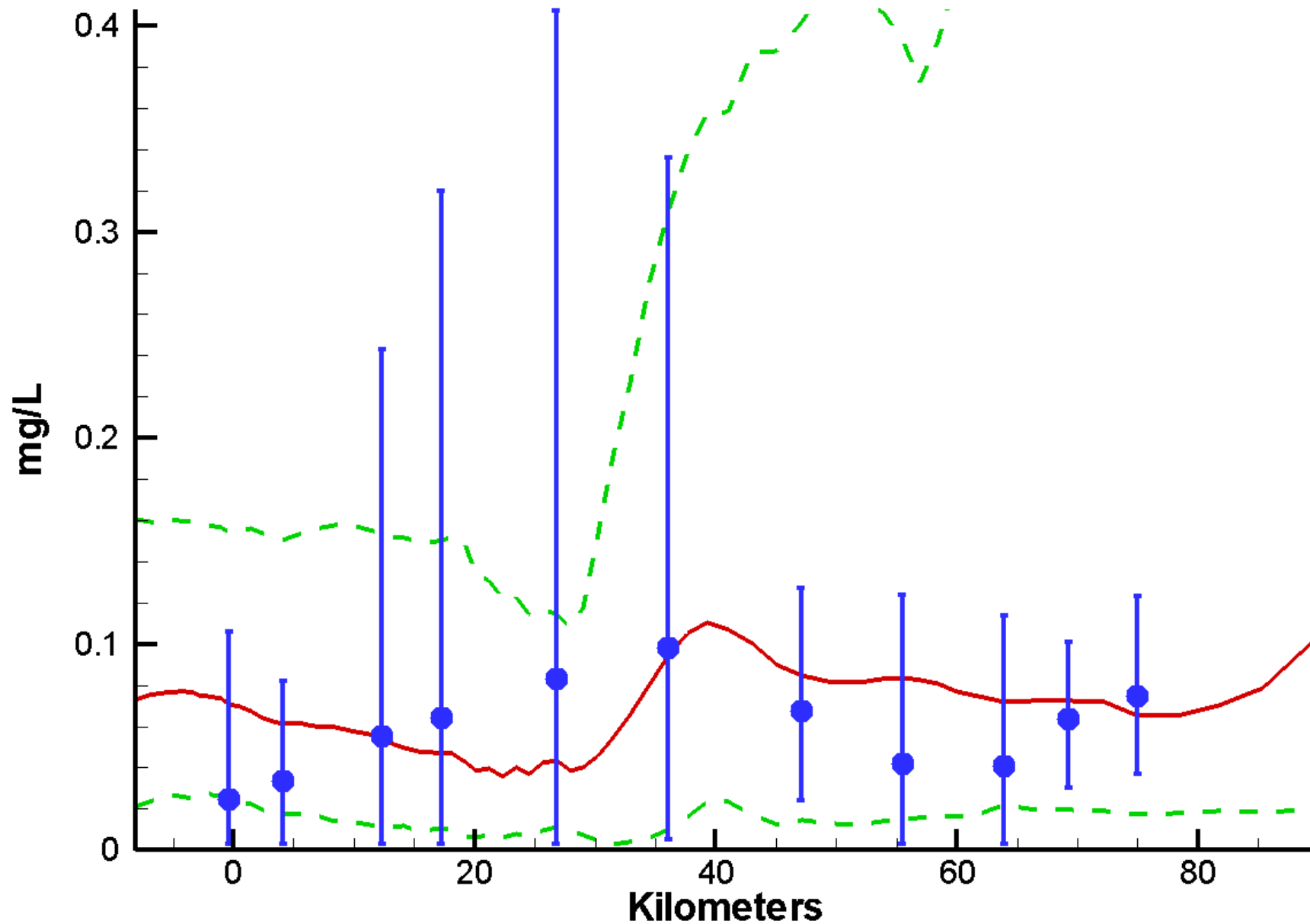


# Patuxent River Ches2015 Run118

## Bottom Ammonium Spring 1994

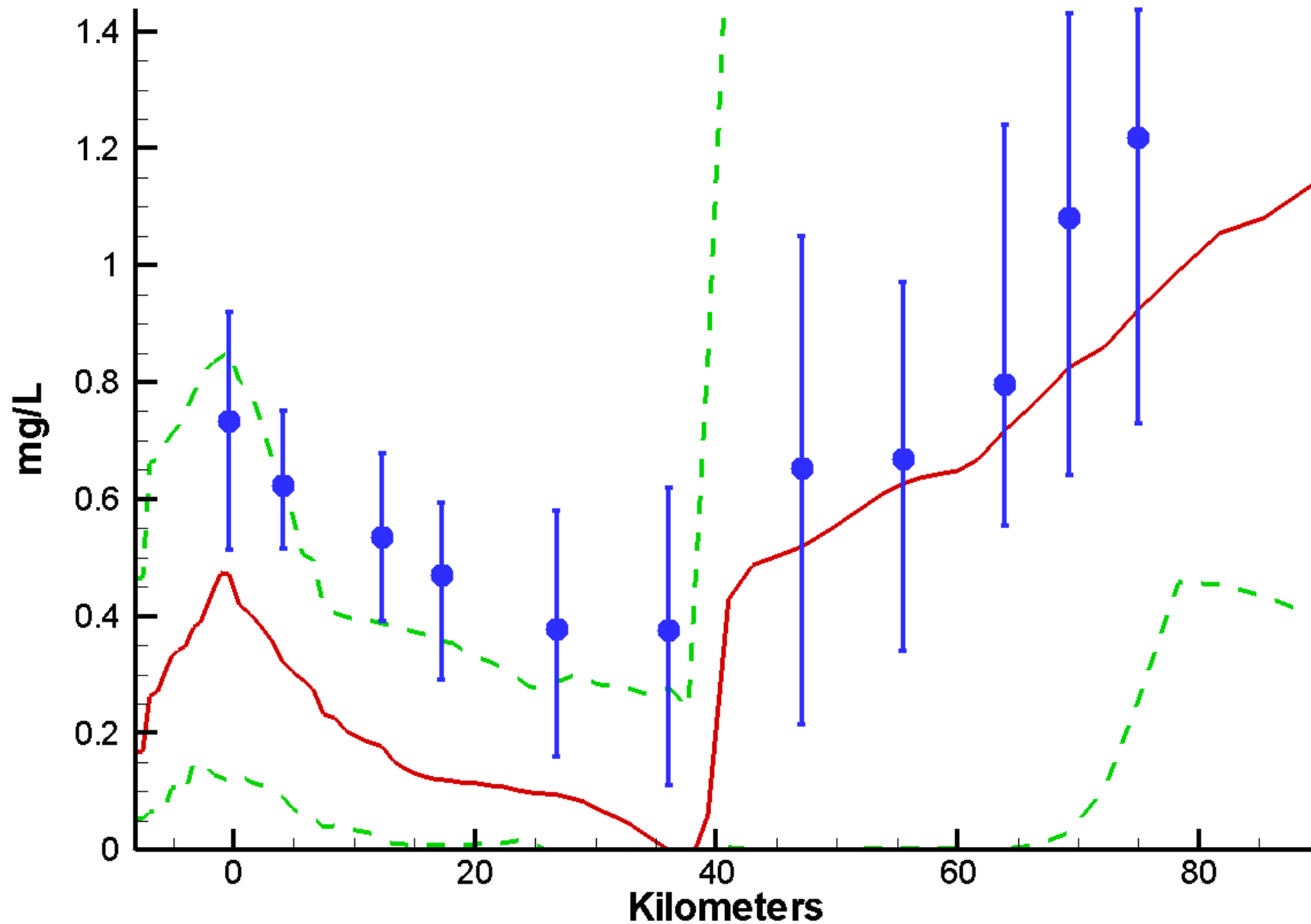


# Patuxent River Ches2015 Run118 Surface Ammonium Spring 1994



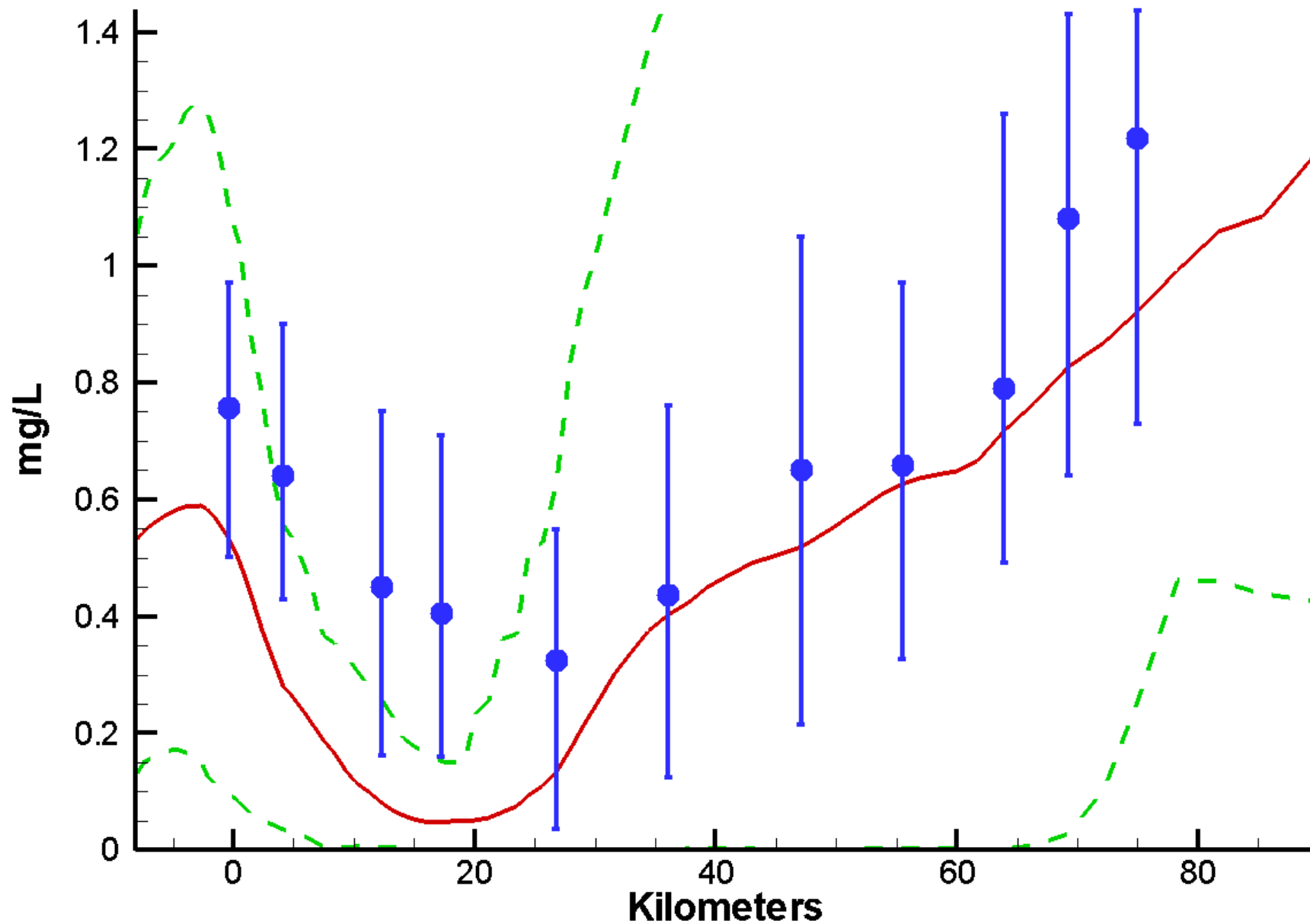
# Patuxent River Ches2015 Run118

## Bottom Nitrate Spring 1994



# Patuxent River Ches2015 Run118

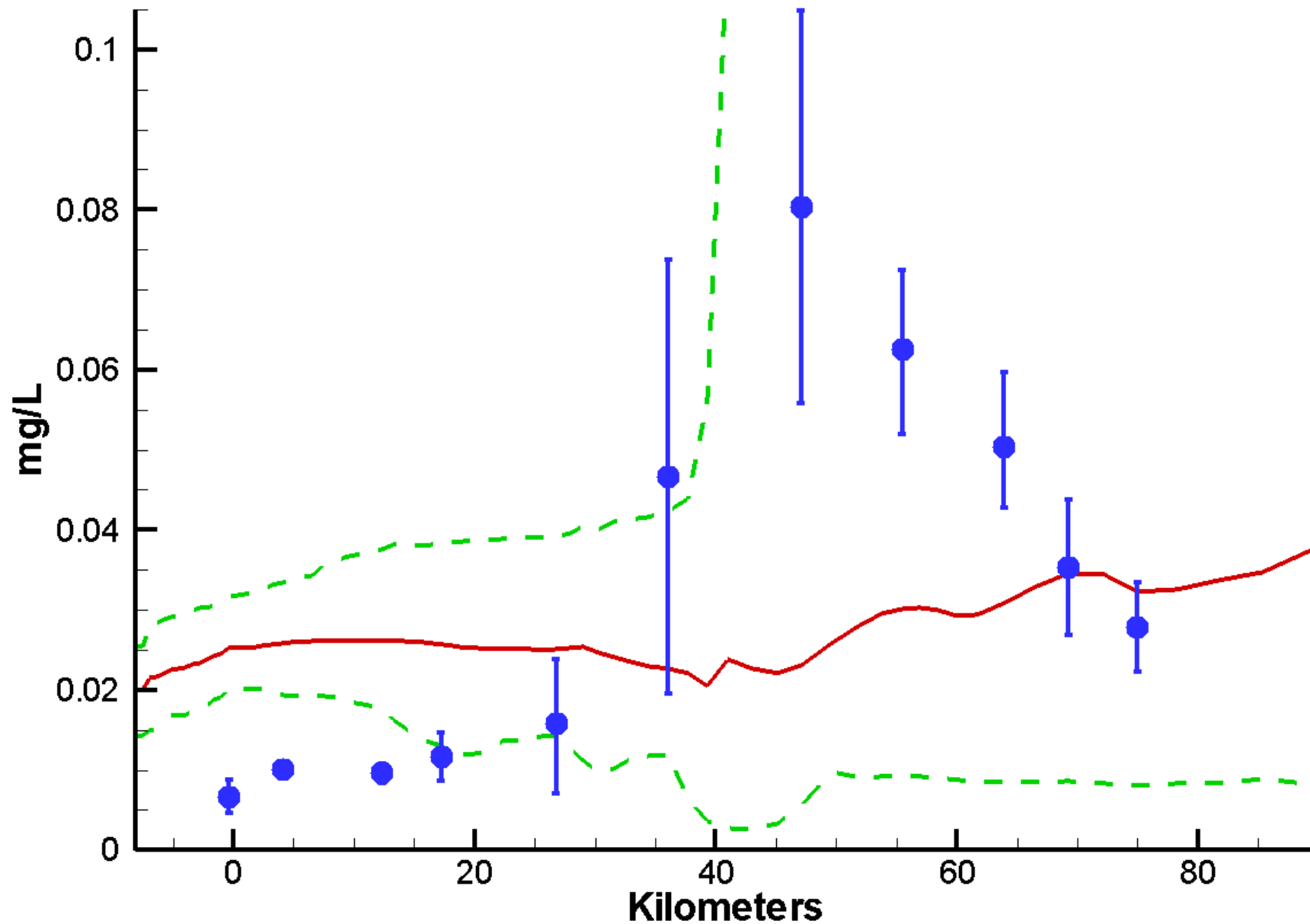
## Surface Nitrate Spring 1994





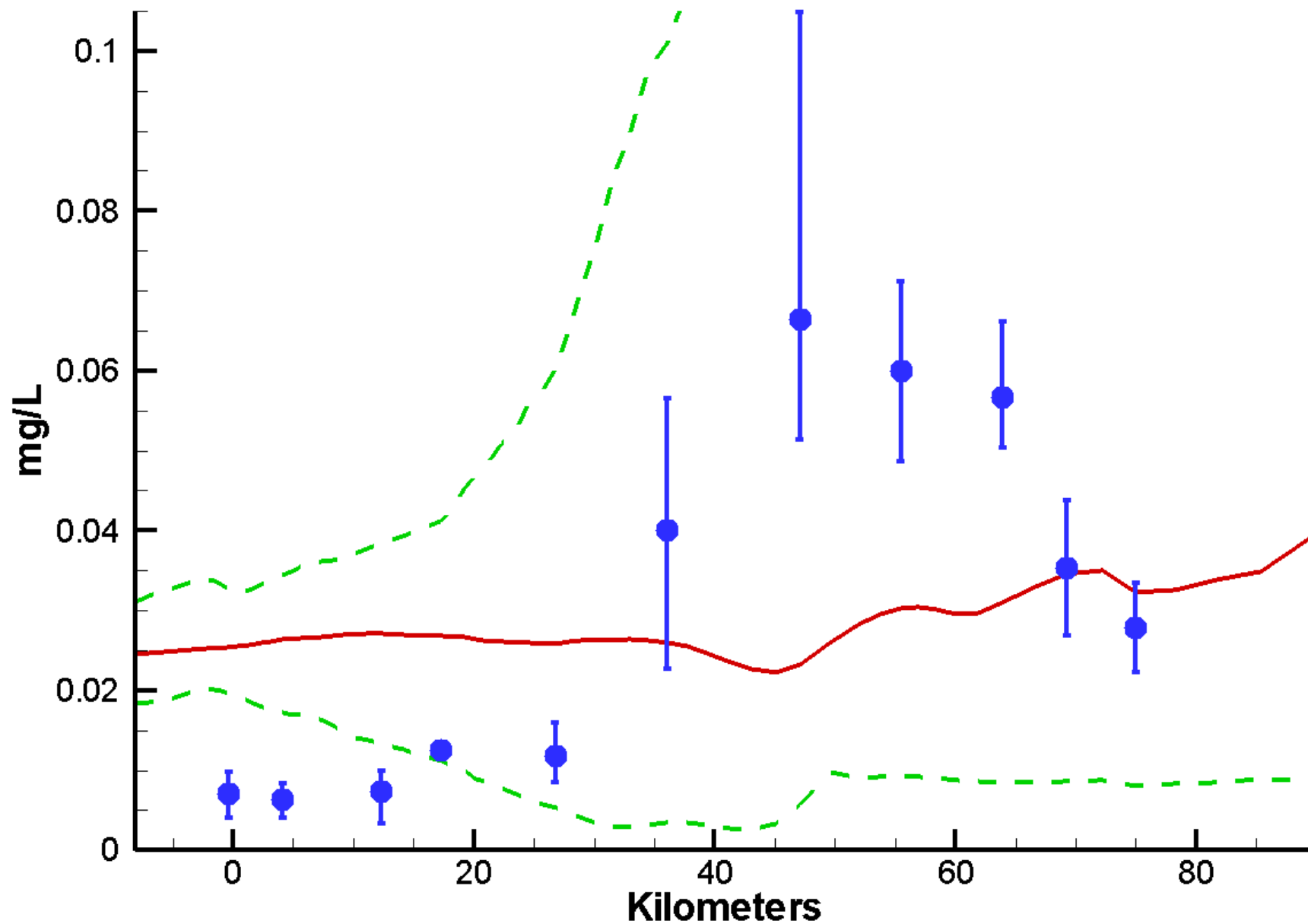
# Patuxent River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Spring 1994



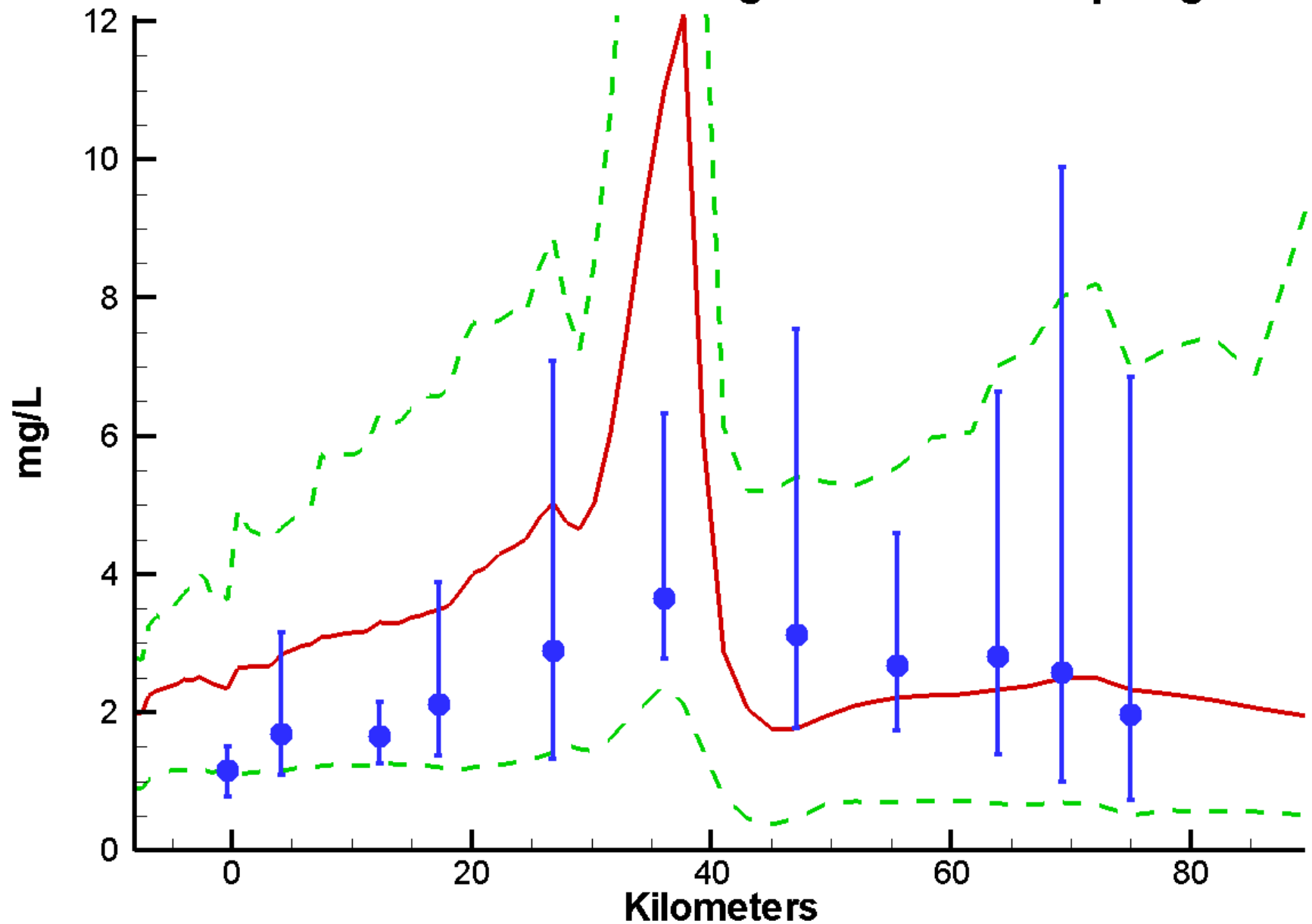
# Patuxent River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Spring 1994



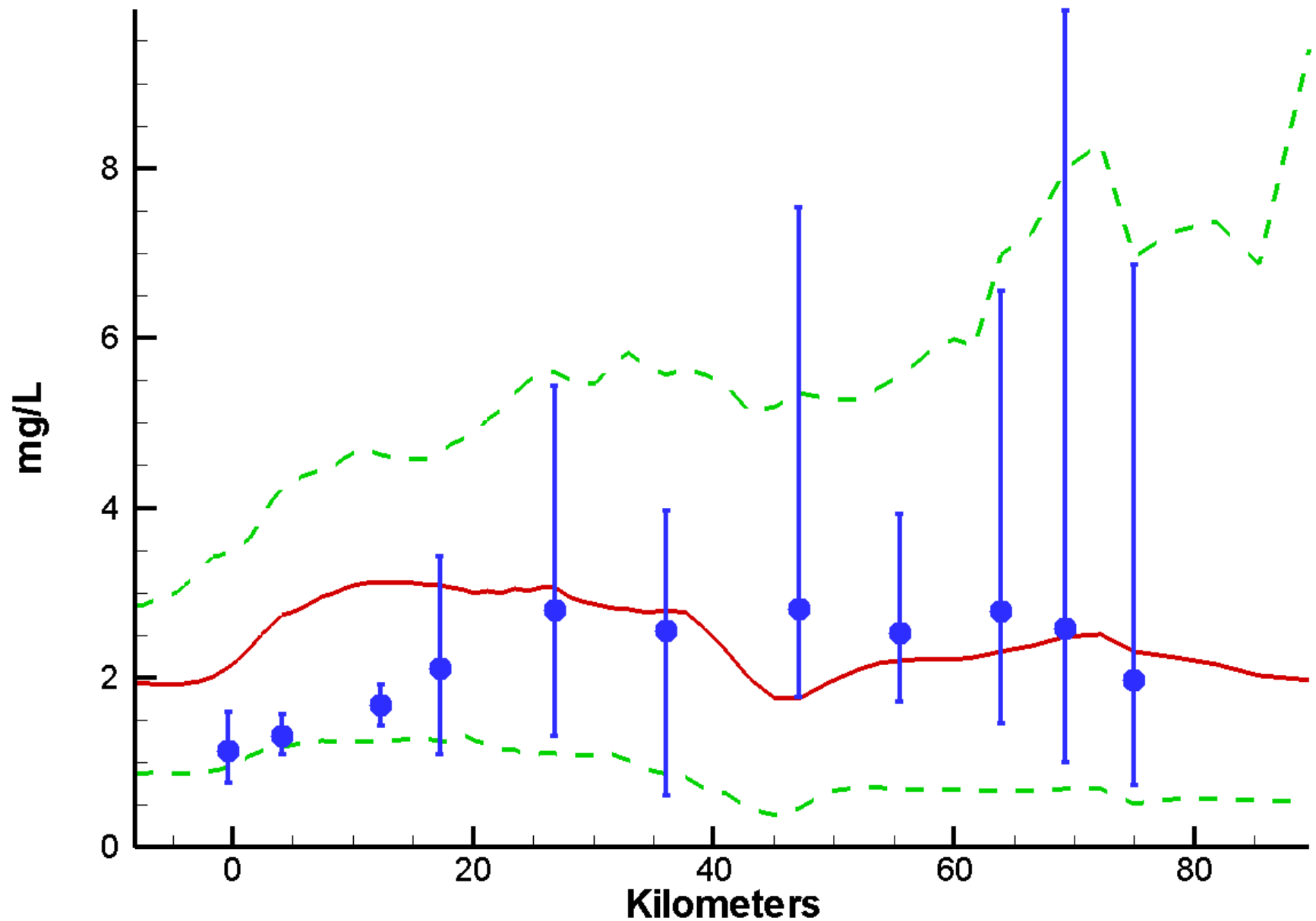
# Patuxent River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1994



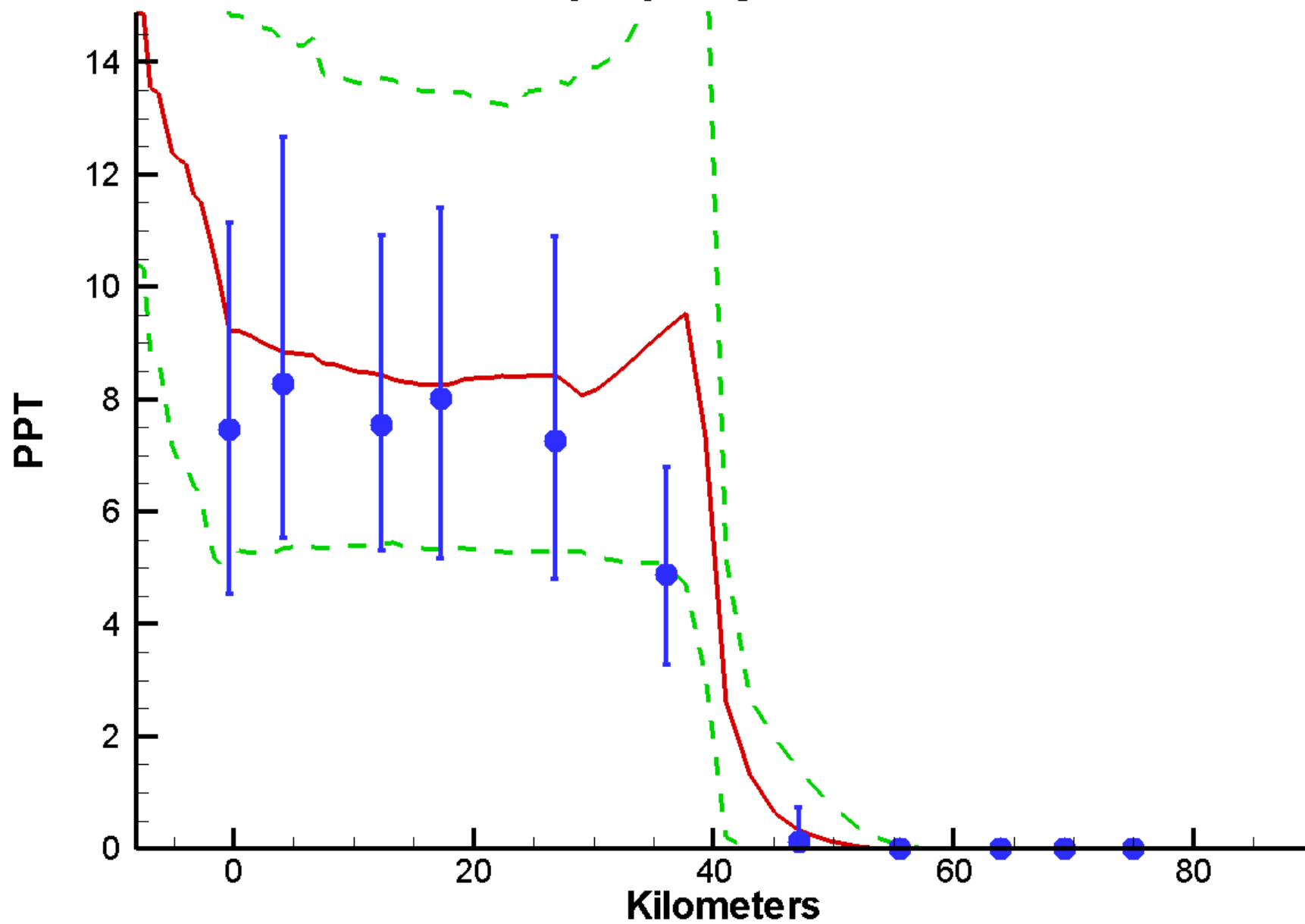
# Patuxent River Ches2015 Run118

## Surface Particulate Organic Carbon Spring 1994



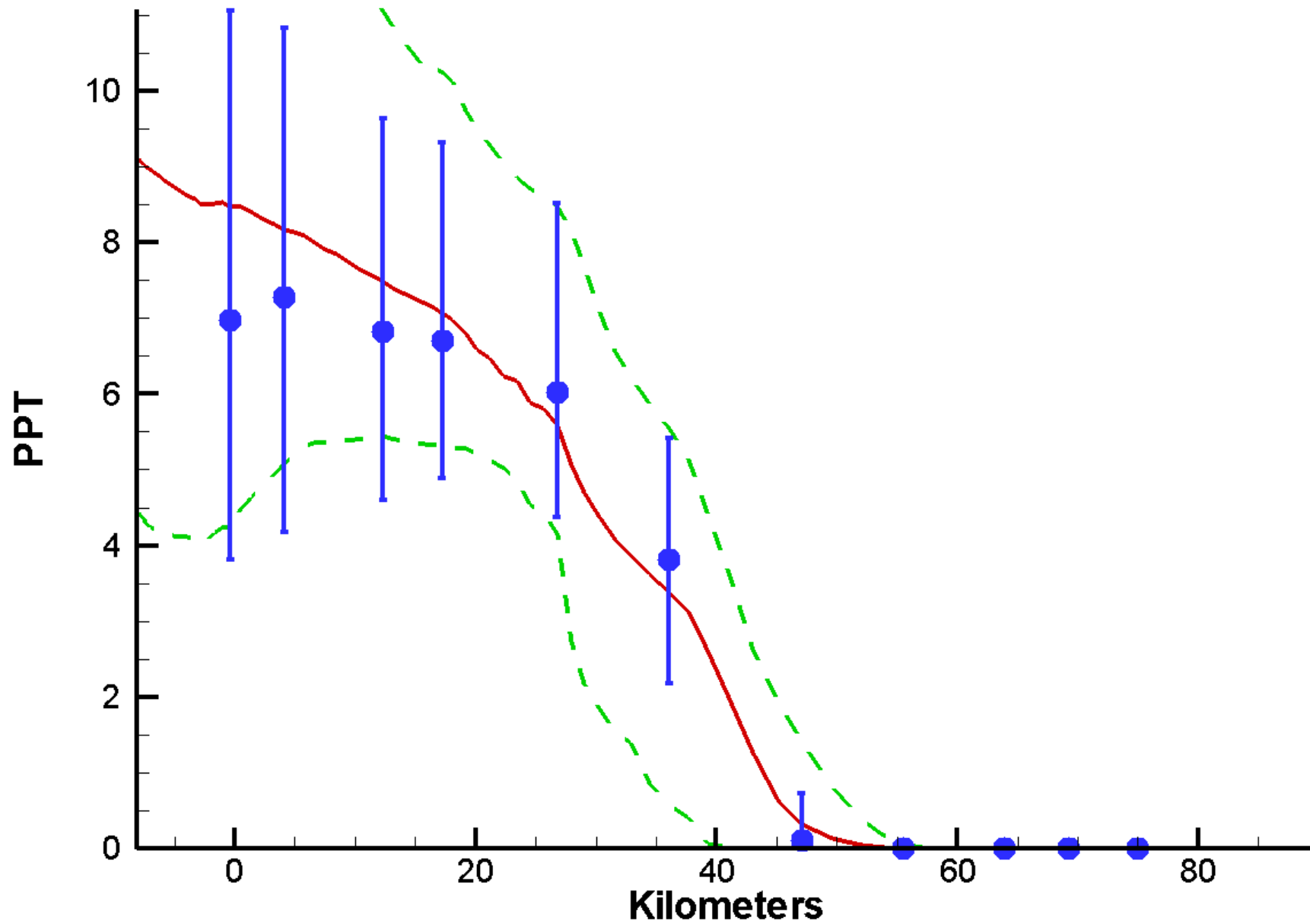
# Patuxent River Ches2015 Run118

## Bottom Salinity Spring 1994



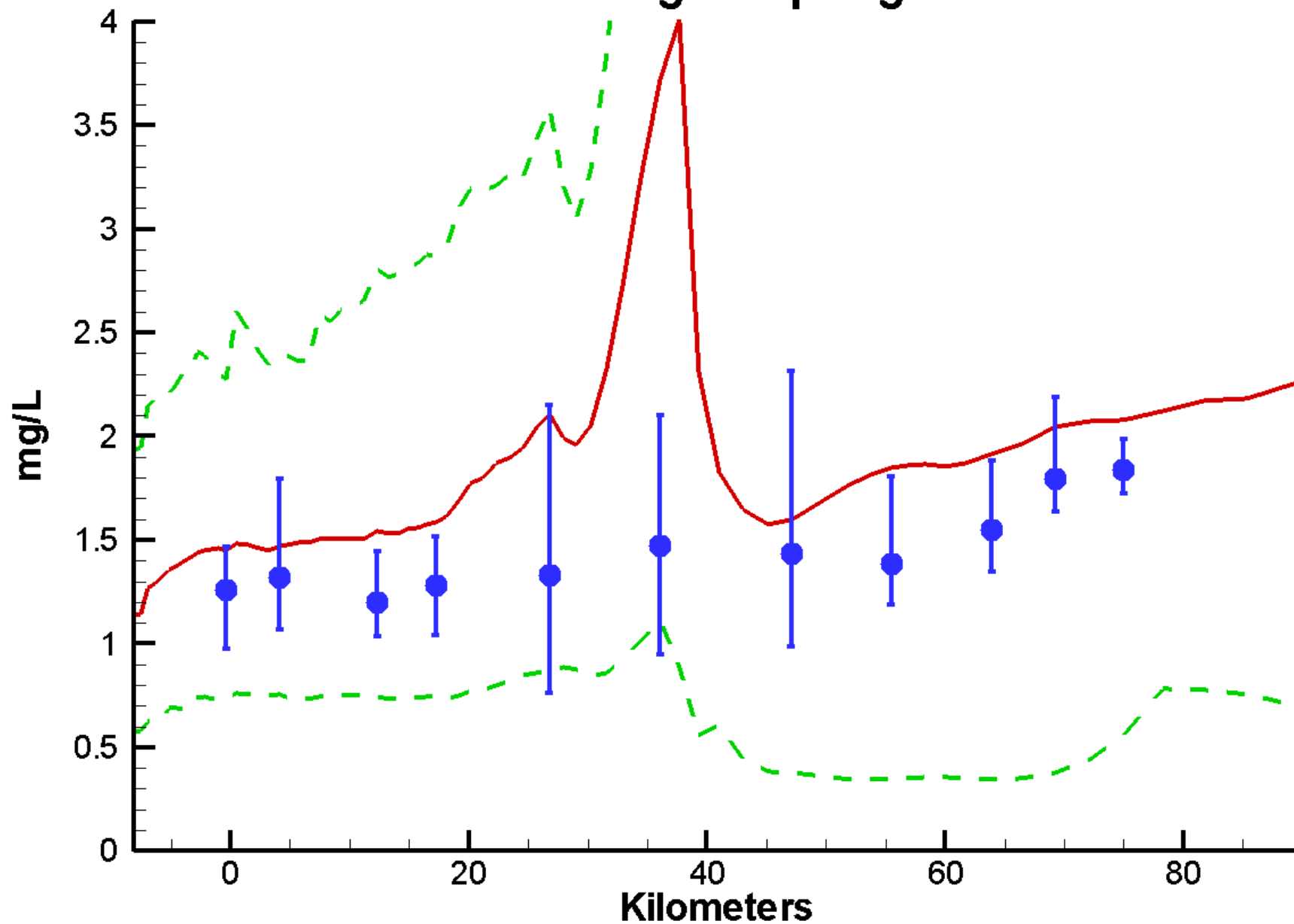
# Patuxent River Ches2015 Run118

## Surface Salinity Spring 1994

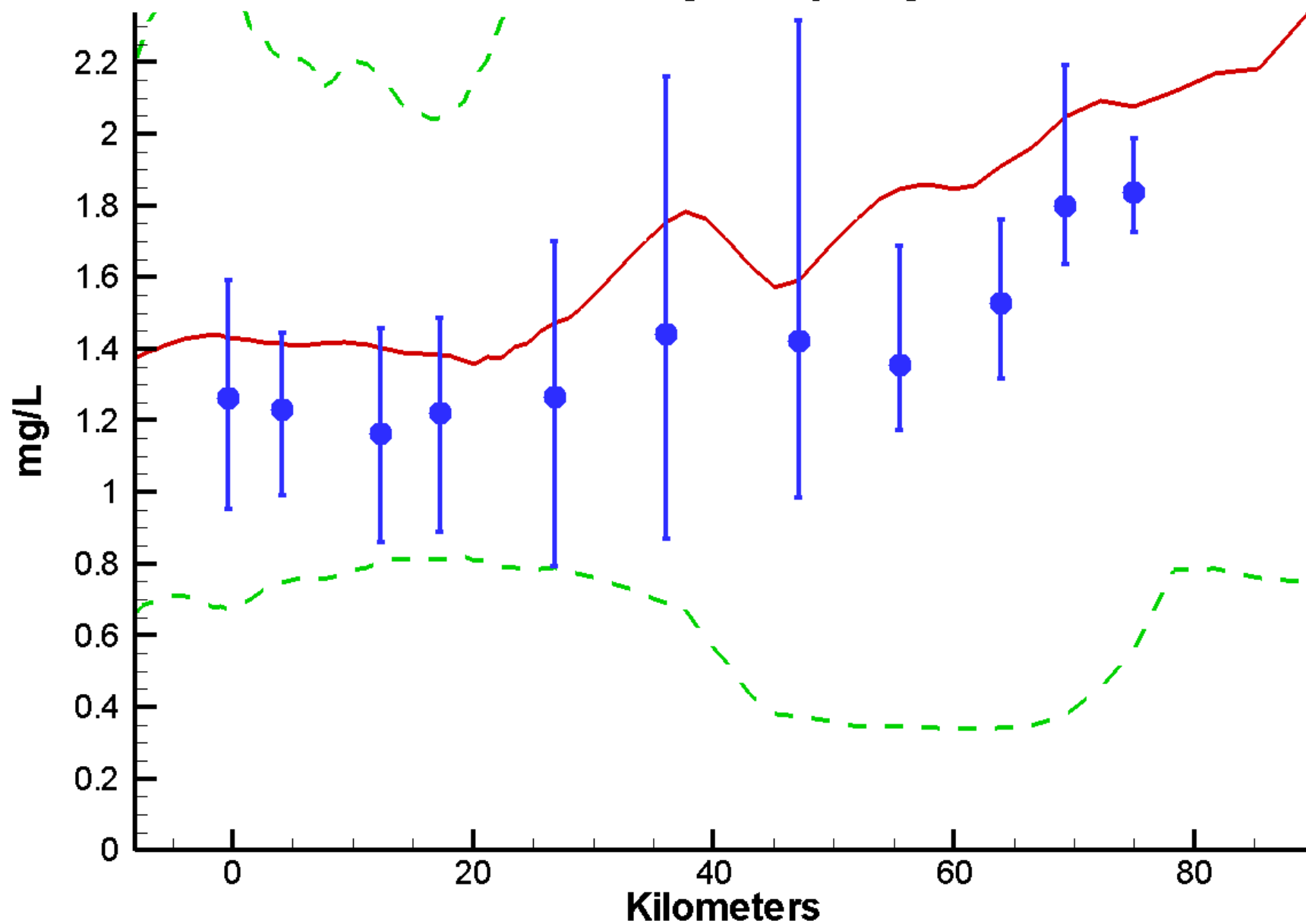


# Patuxent River Ches2015 Run118

## Bottom Total Nitrogen Spring 1994



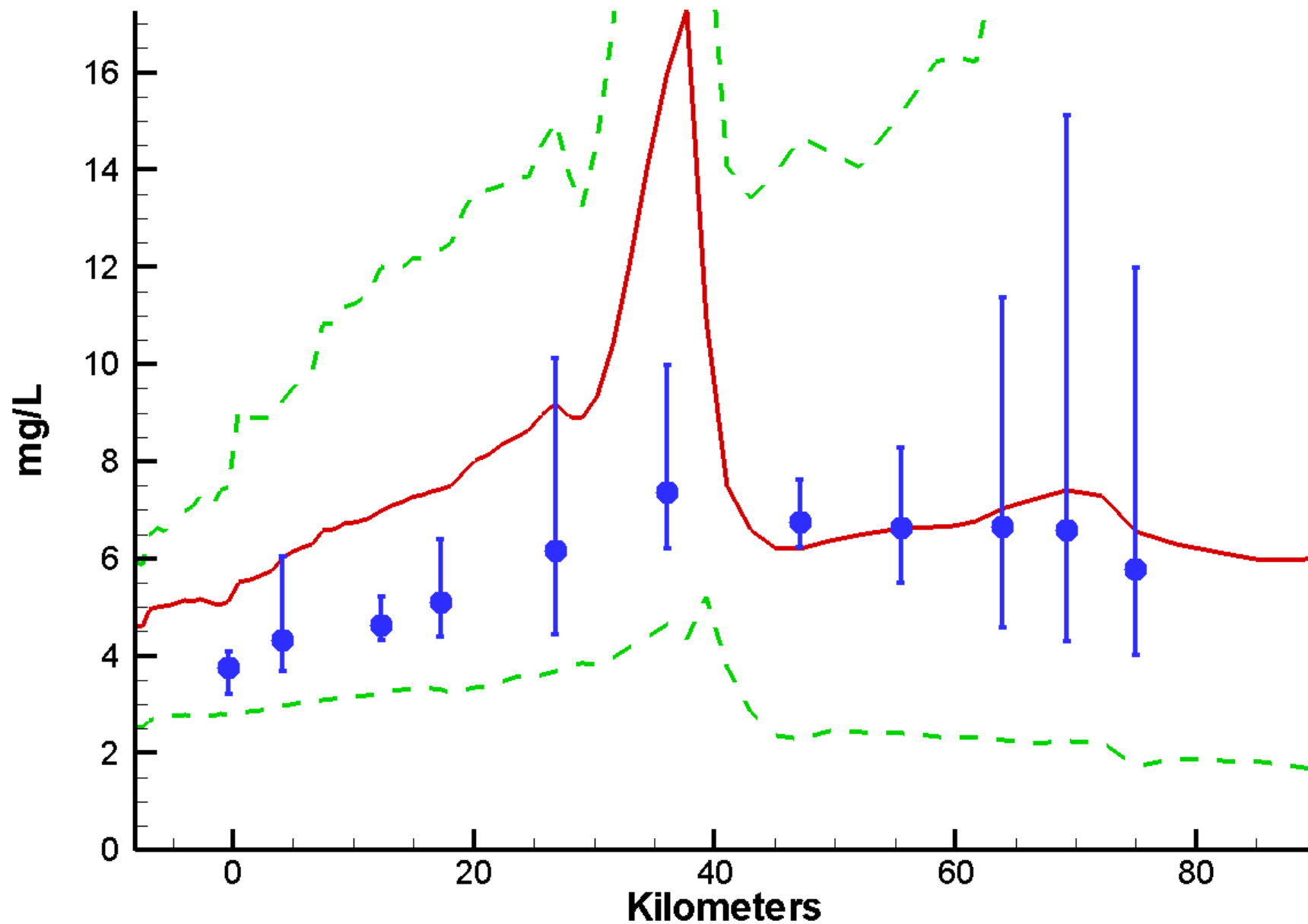
# Patuxent River Ches2015 Run118 Surface Total Nitrogen Spring 1994





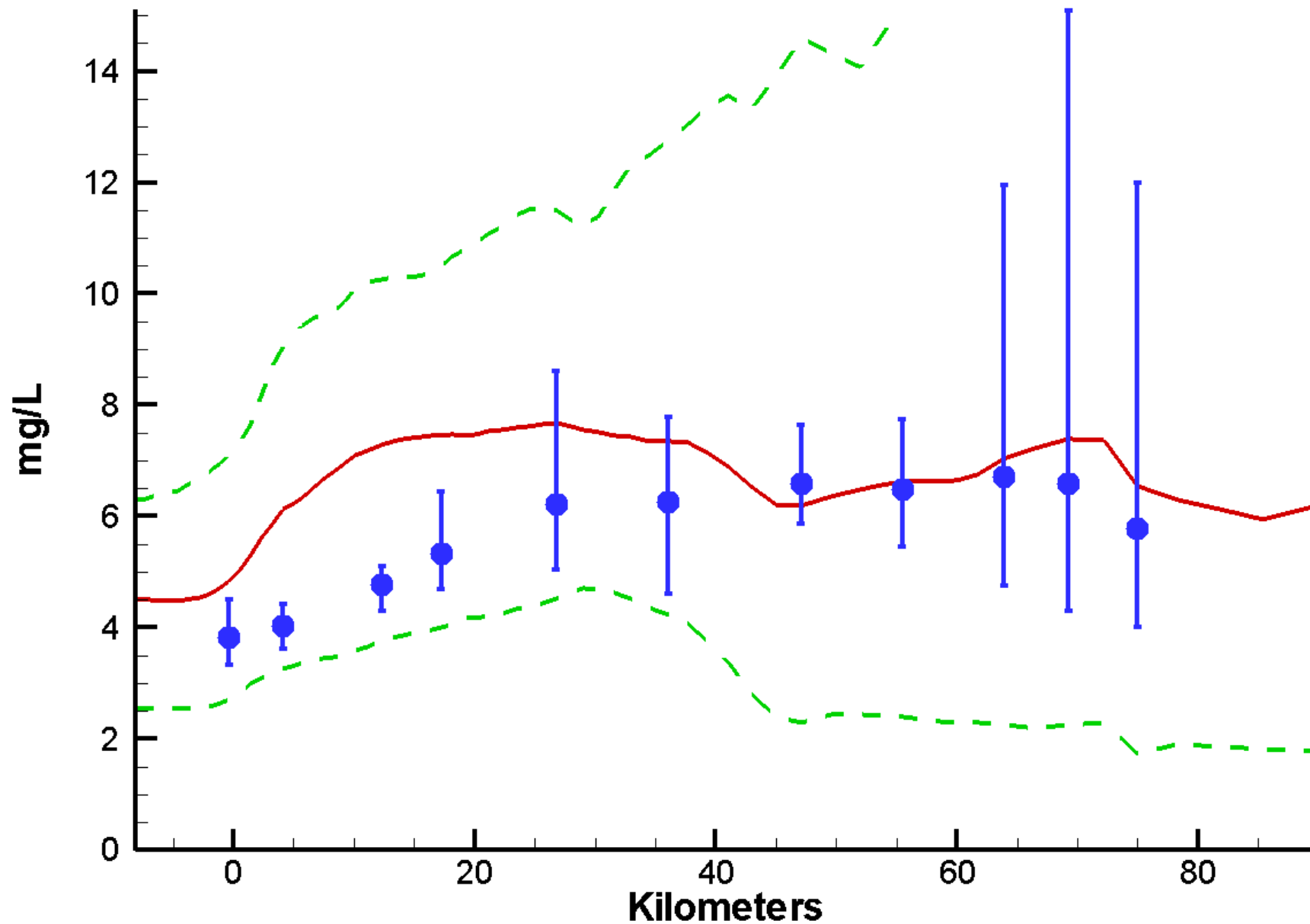
# Patuxent River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1994



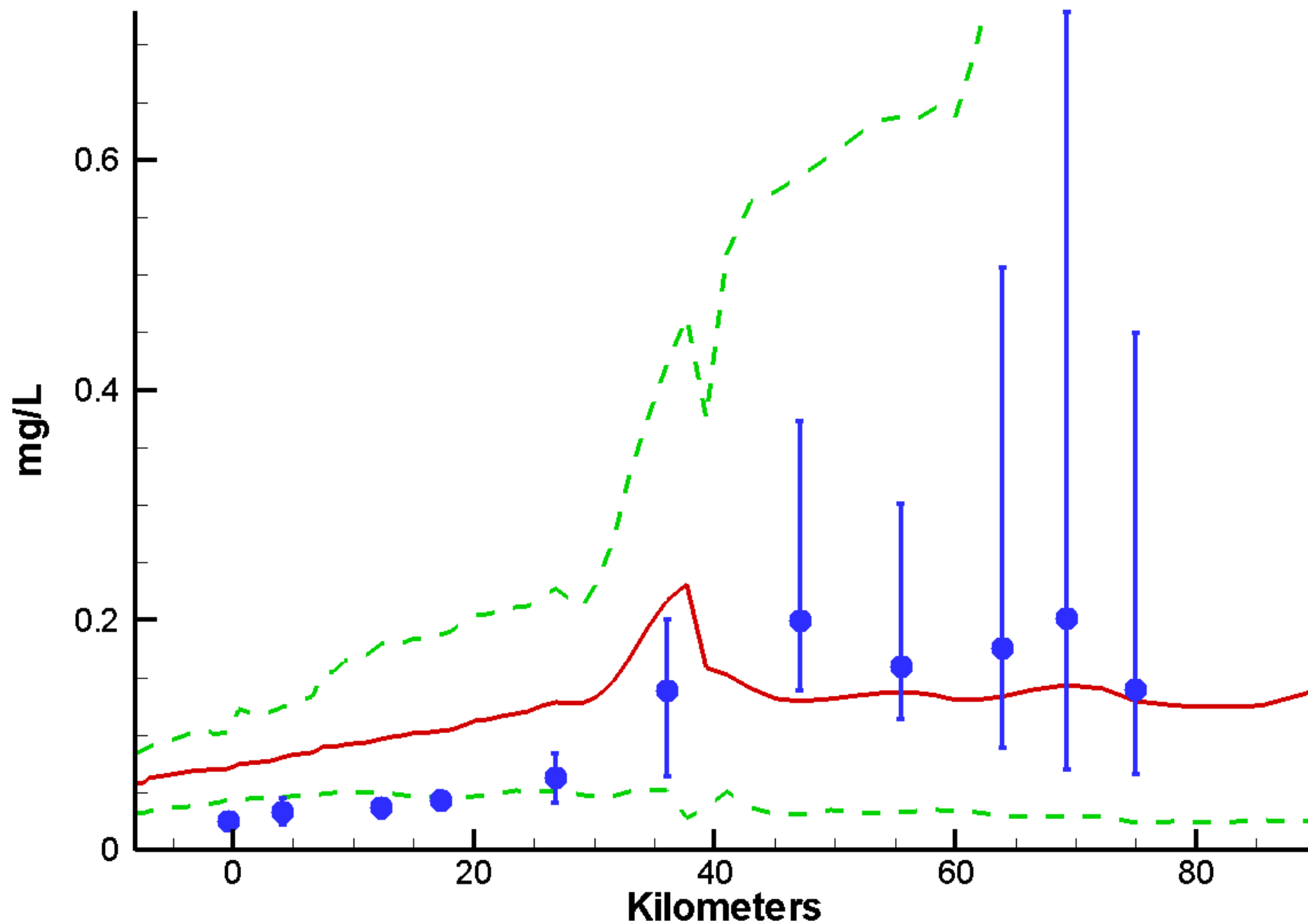
# Patuxent River Ches2015 Run118

## Surface Total Organic Carbon Spring 1994



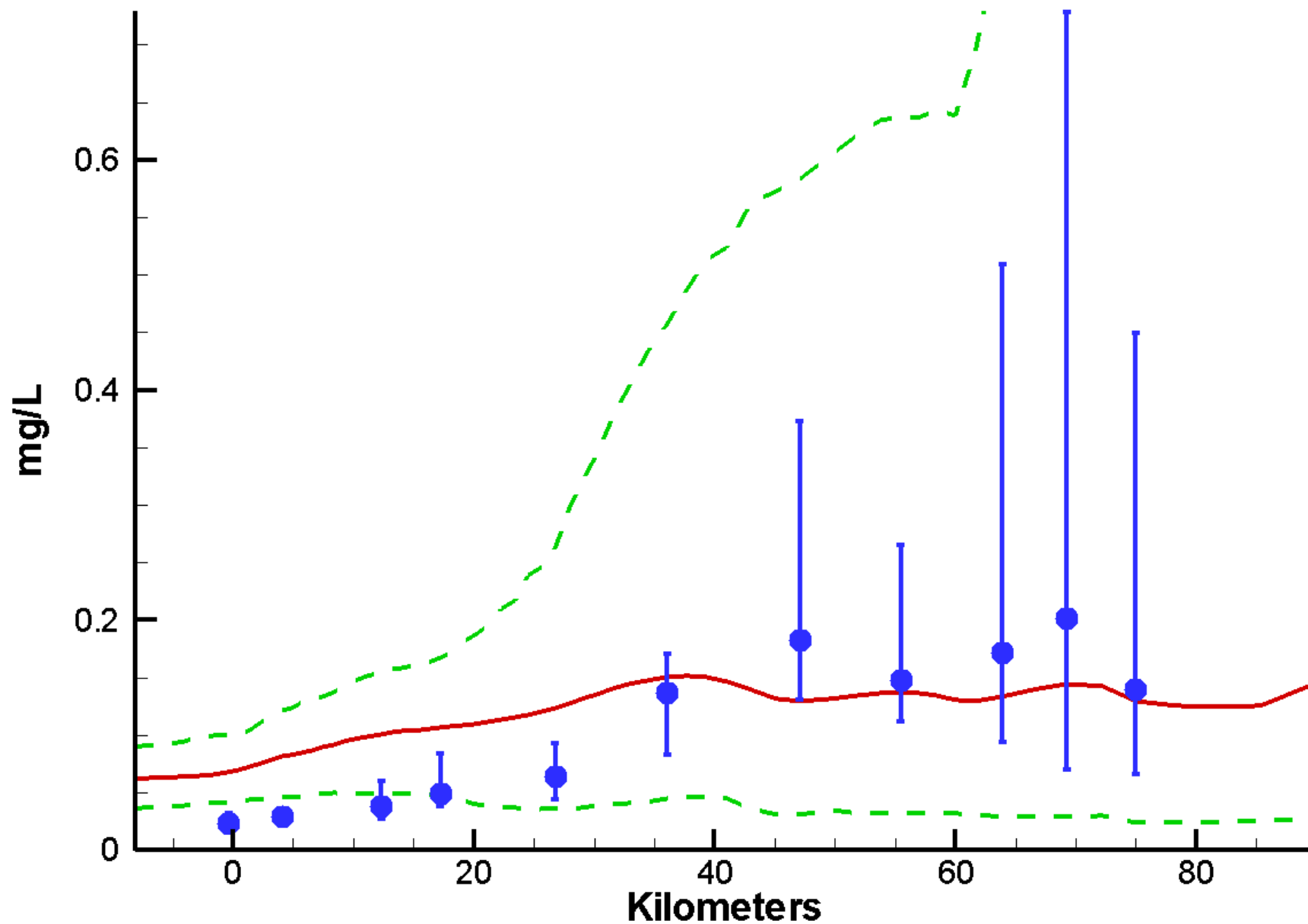
# Patuxent River Ches2015 Run118

## Bottom Total Phosphorus Spring 1994



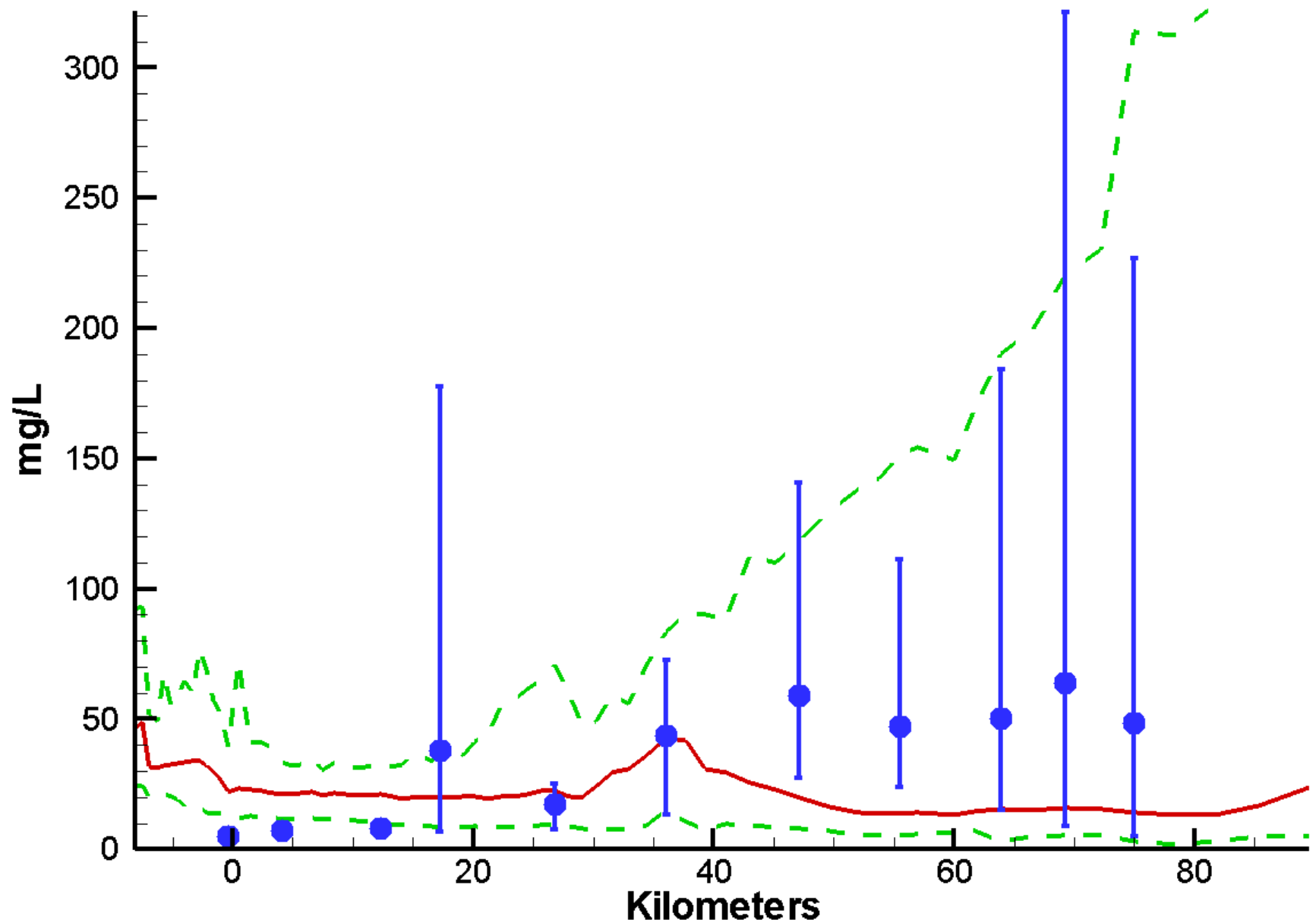
# Patuxent River Ches2015 Run118

## Surface Total Phosphorus Spring 1994



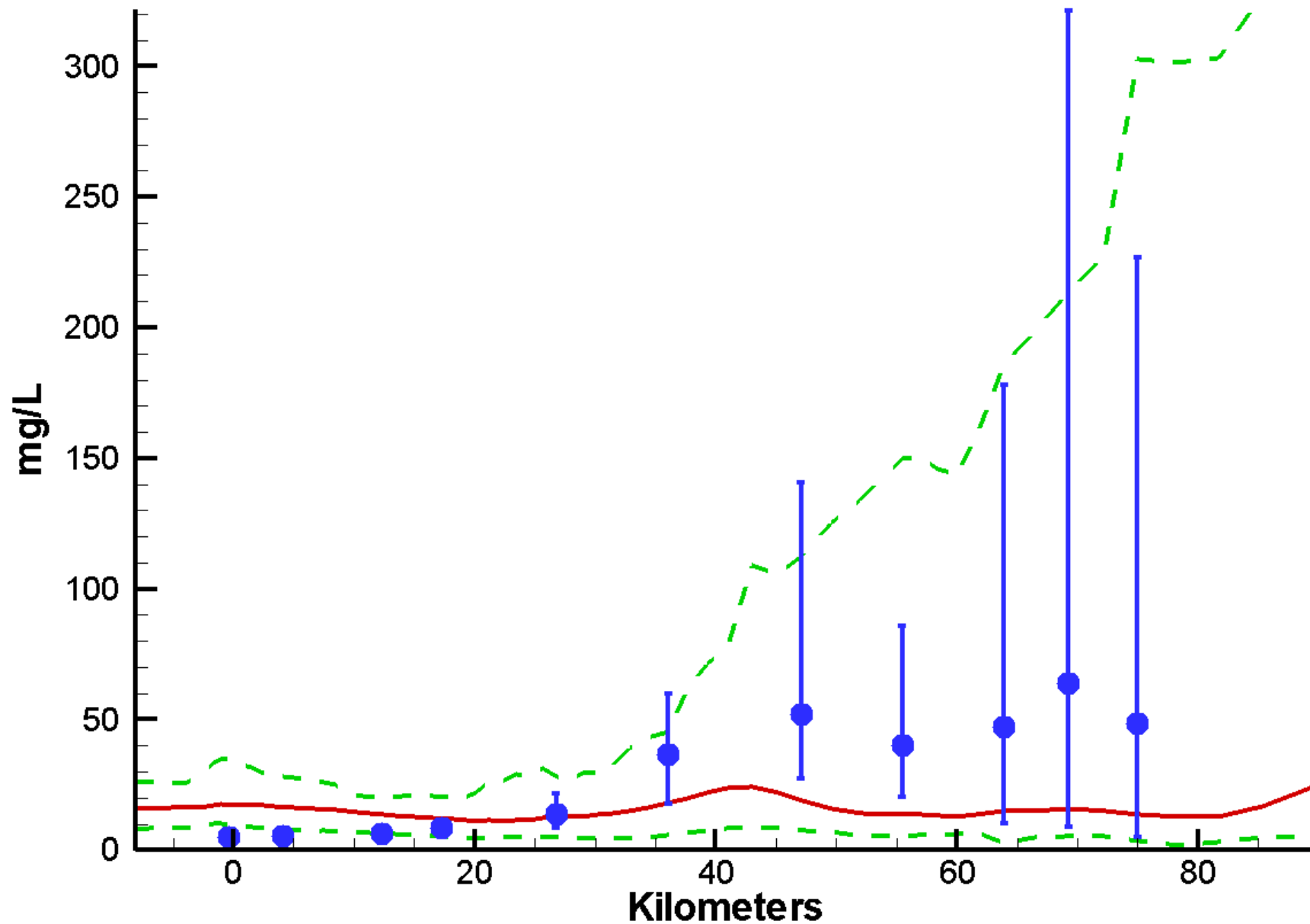
# Patuxent River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1994



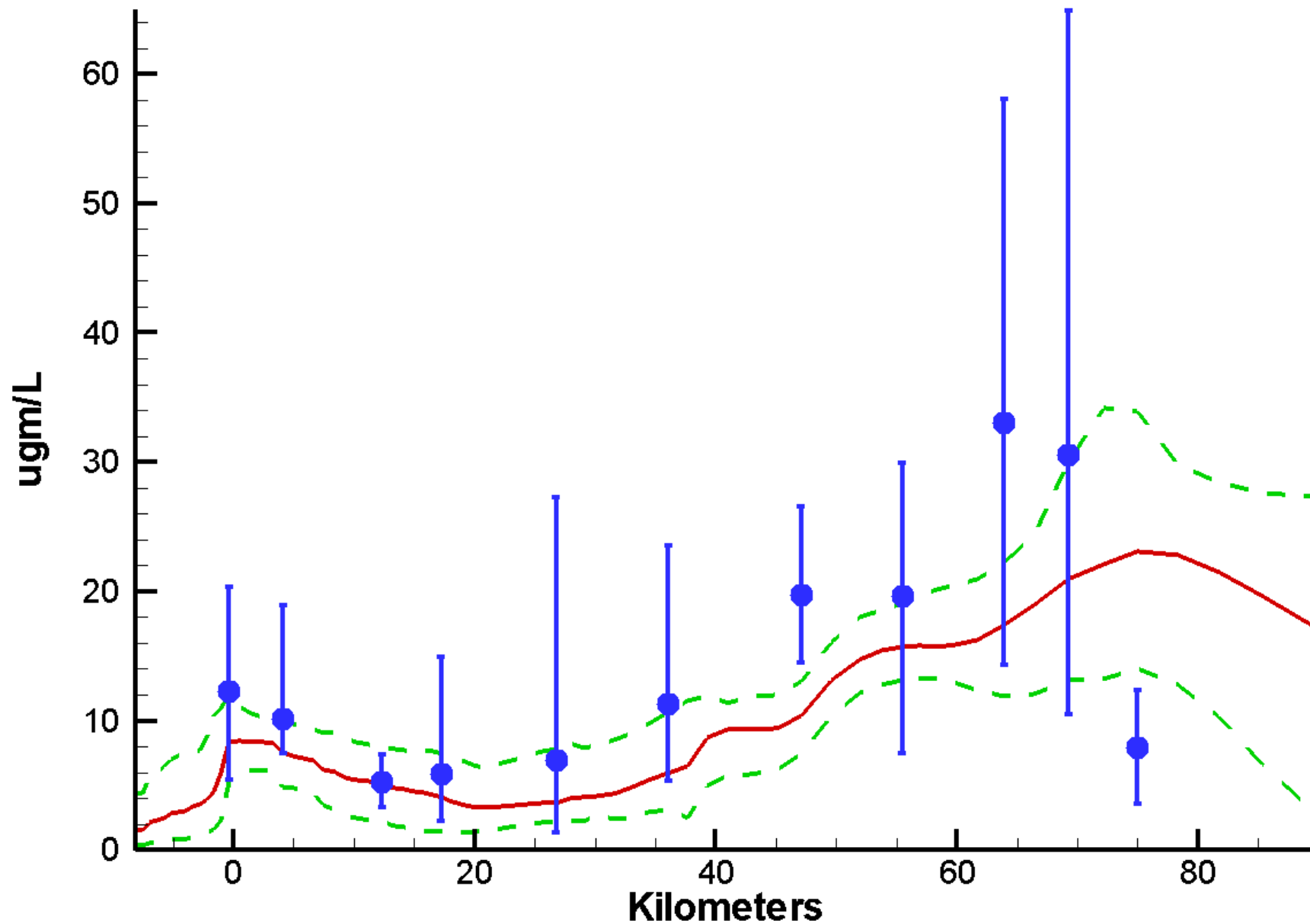
# Patuxent River Ches2015 Run118

## Surface Total Suspended Solids Spring 1994



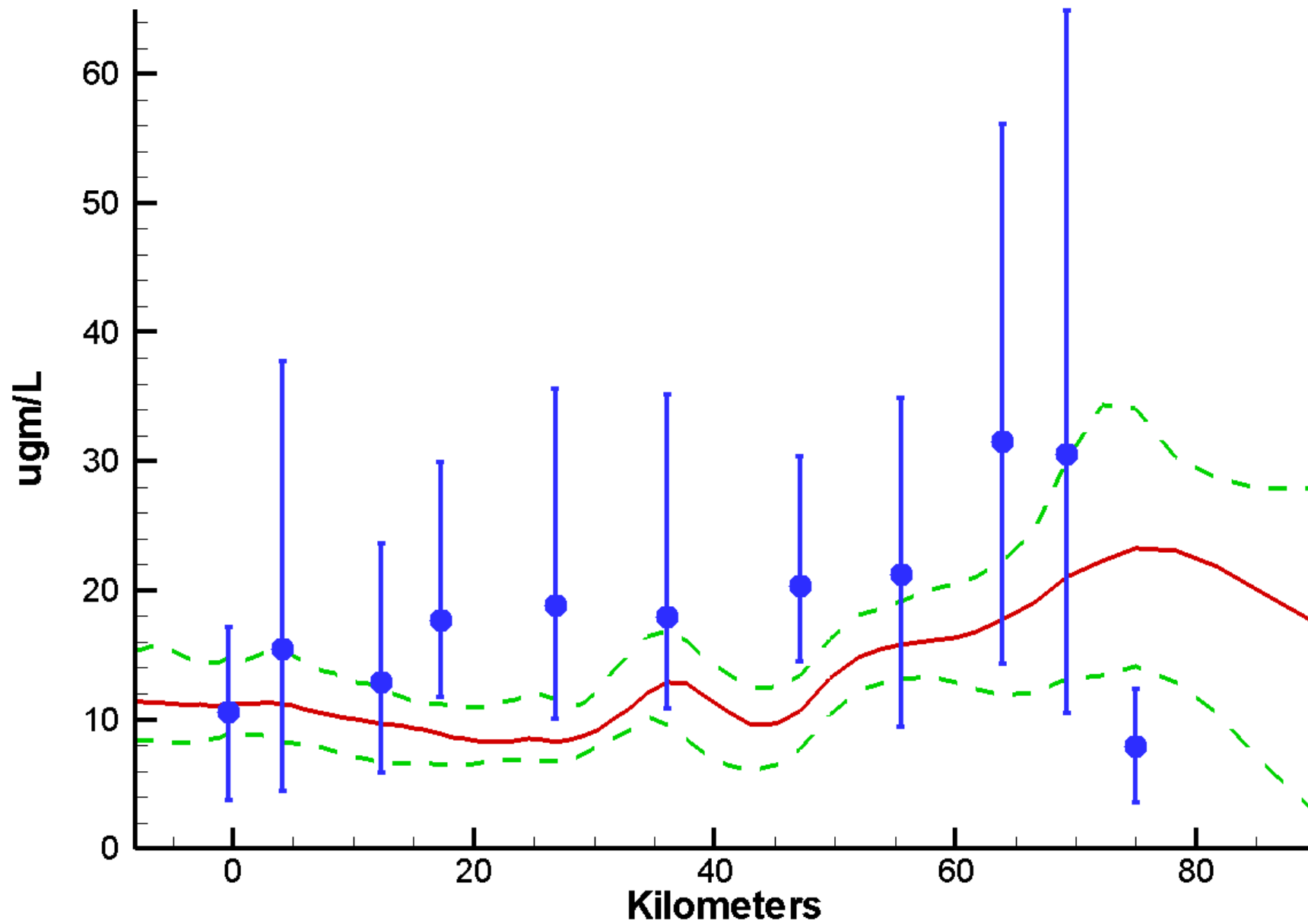
# Patuxent River Ches2015 Run118

## Bottom Chlorophyll Summer 1994



# Patuxent River Ches2015 Run118

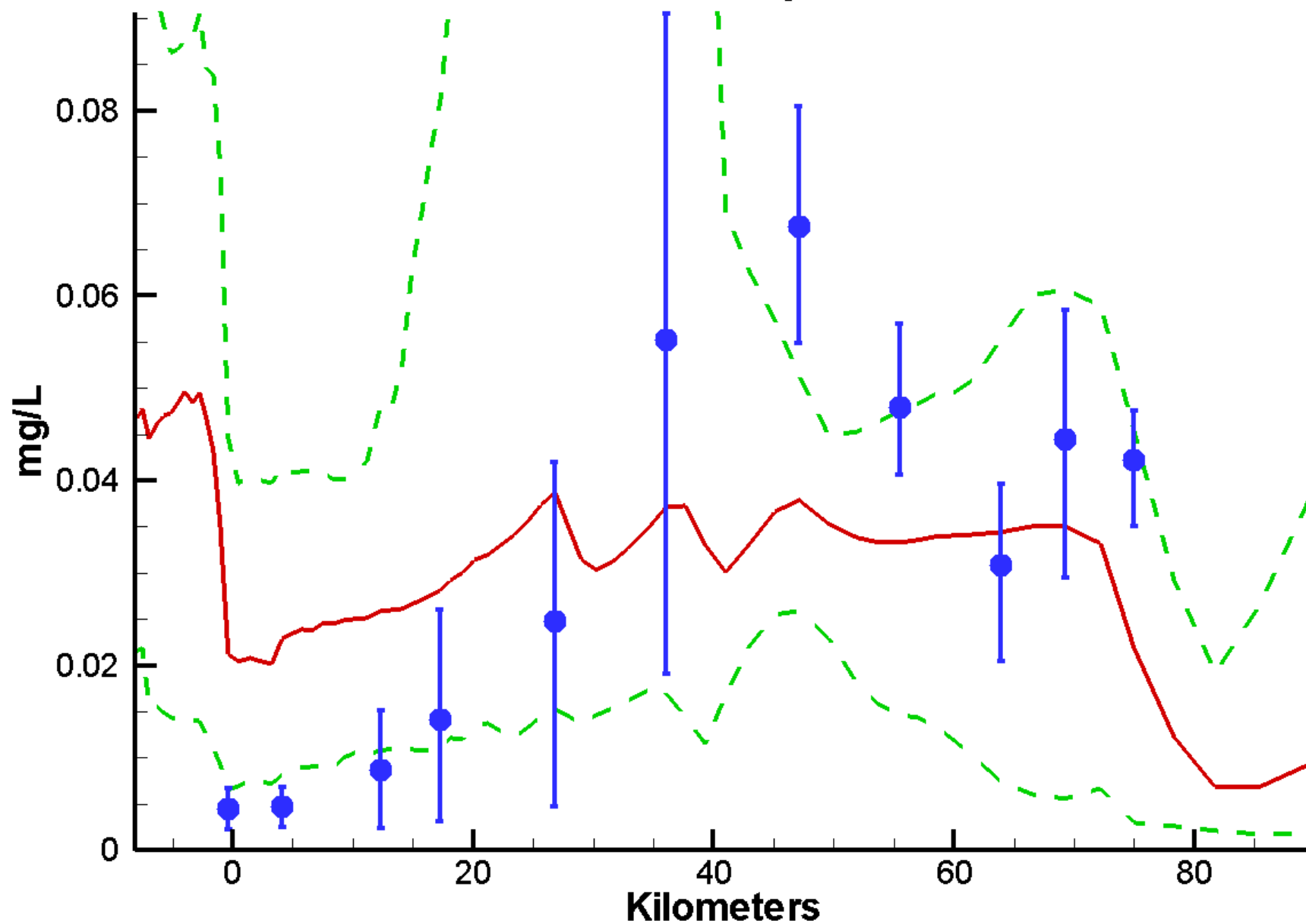
## Surface Chlorophyll Summer 1994





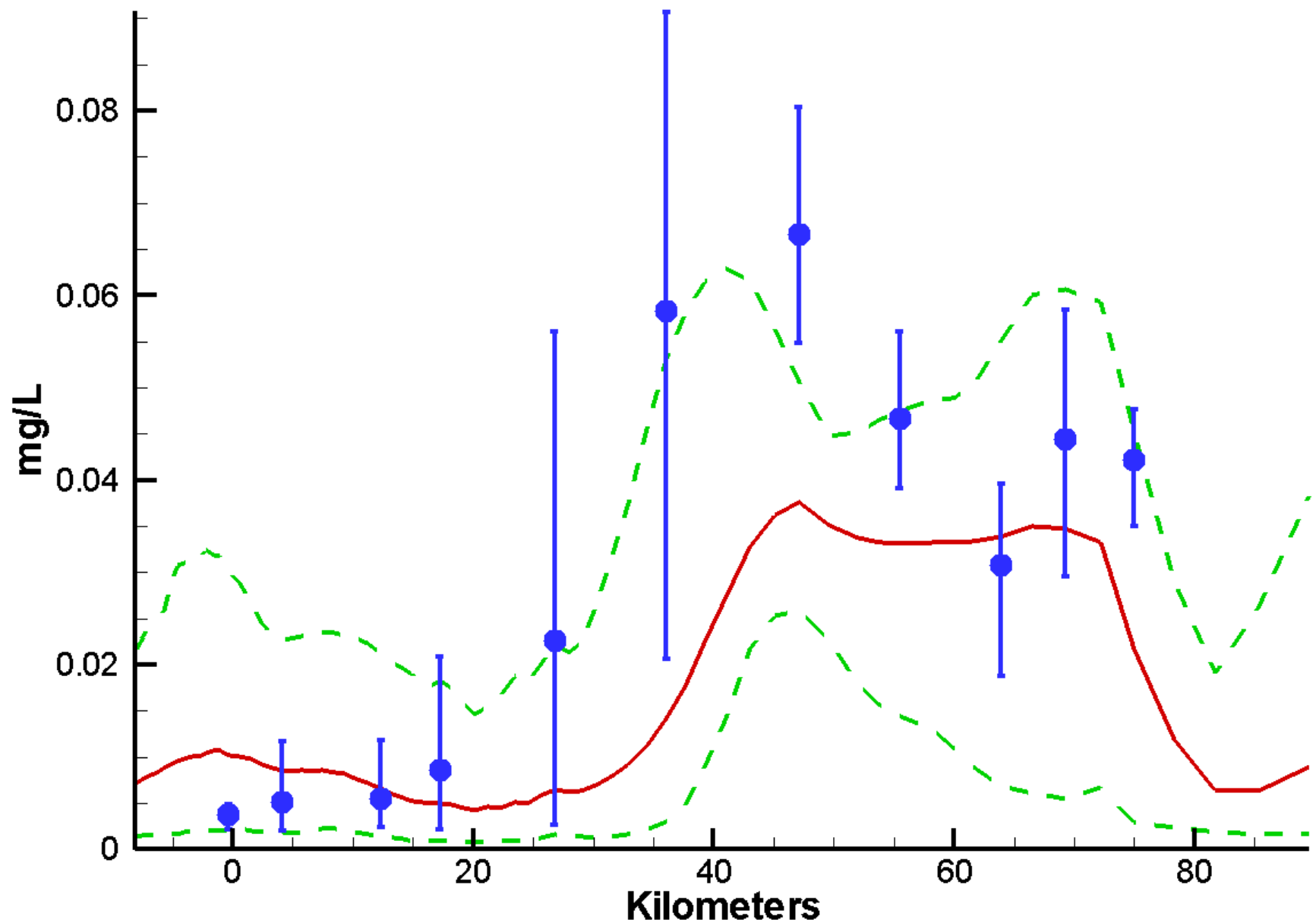
# Patuxent River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1994



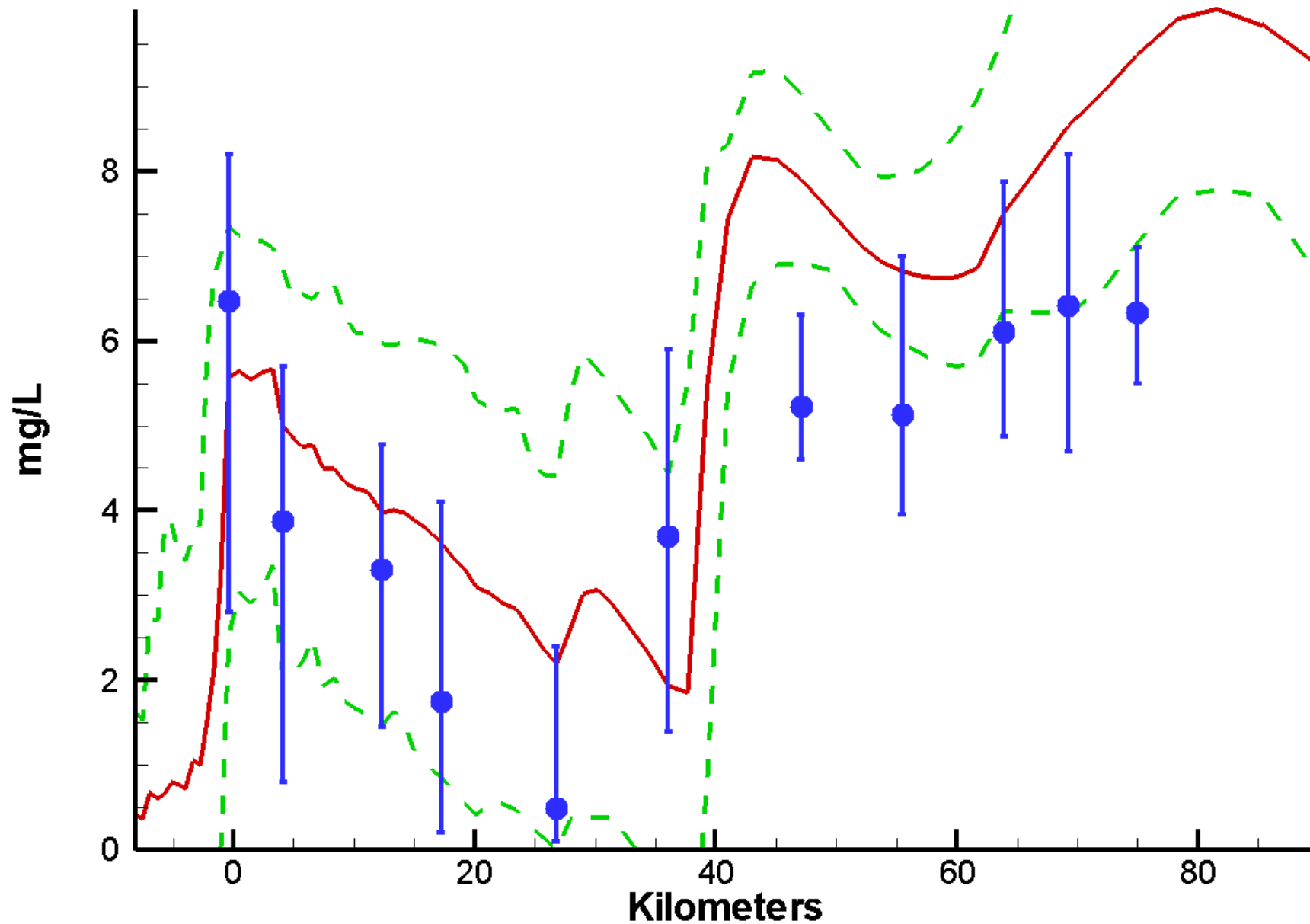
# Patuxent River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1994



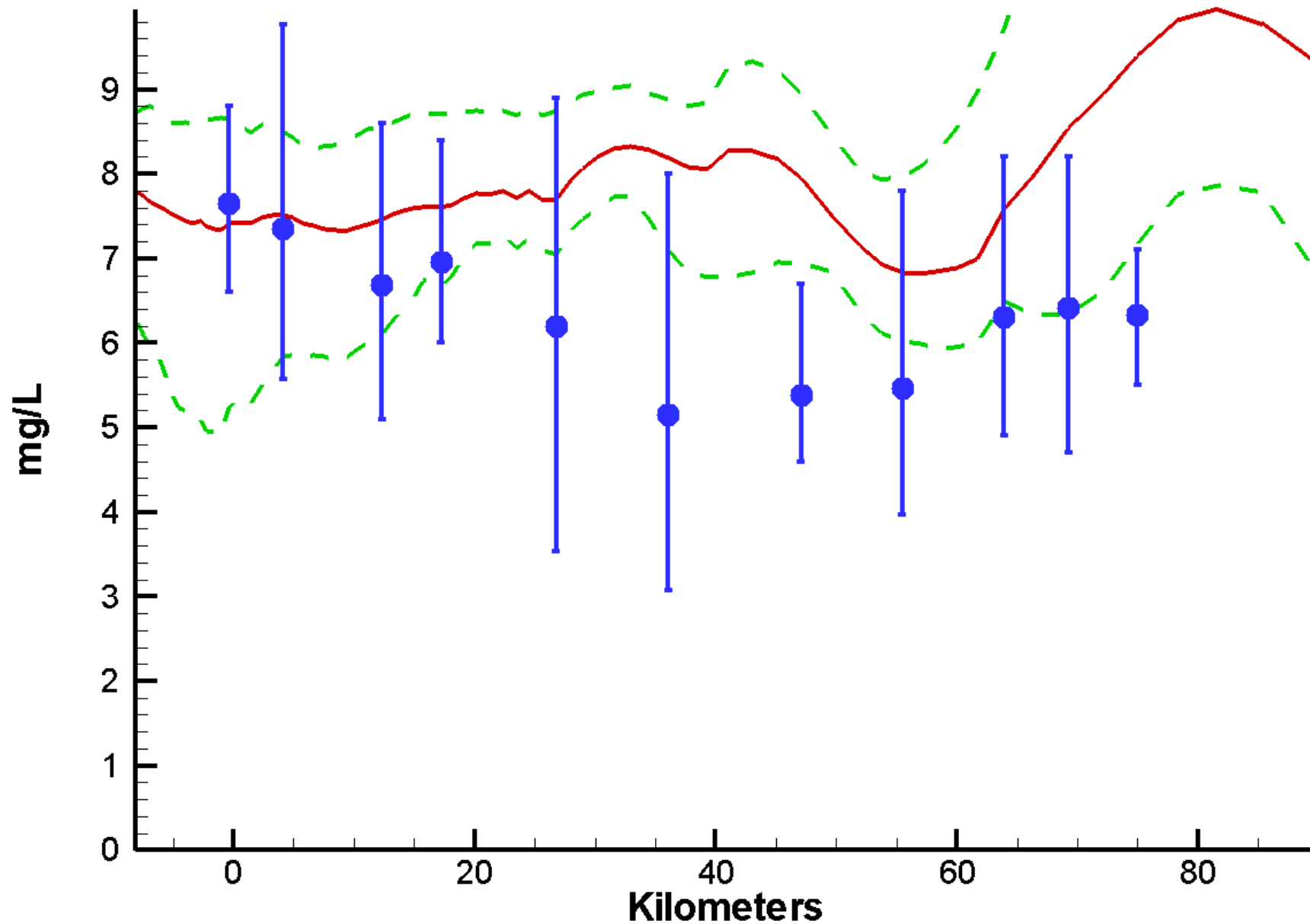
# Patuxent River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1994



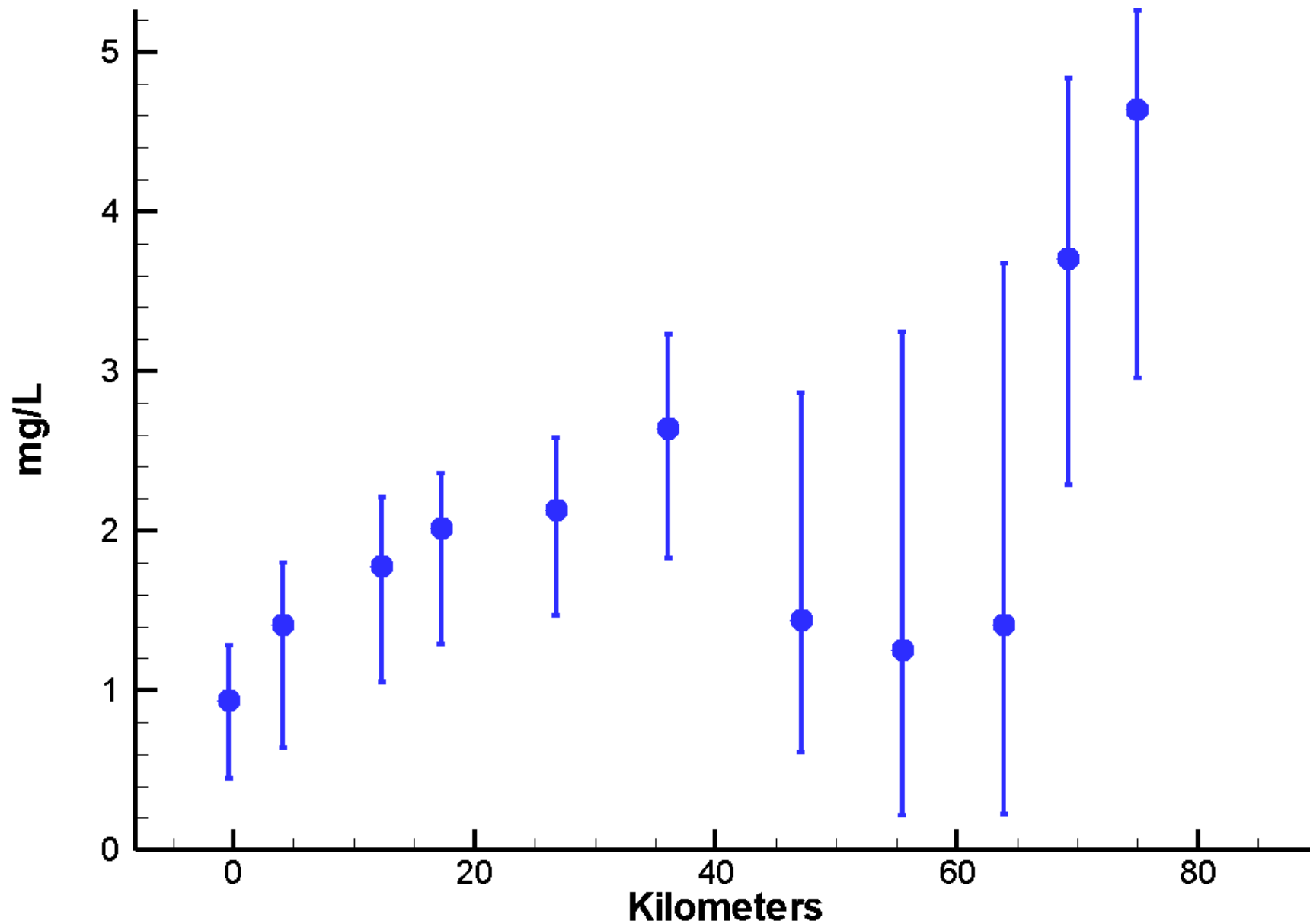
# Patuxent River Ches2015 Run118

## Surface Dissolved Oxygen Summer 1994



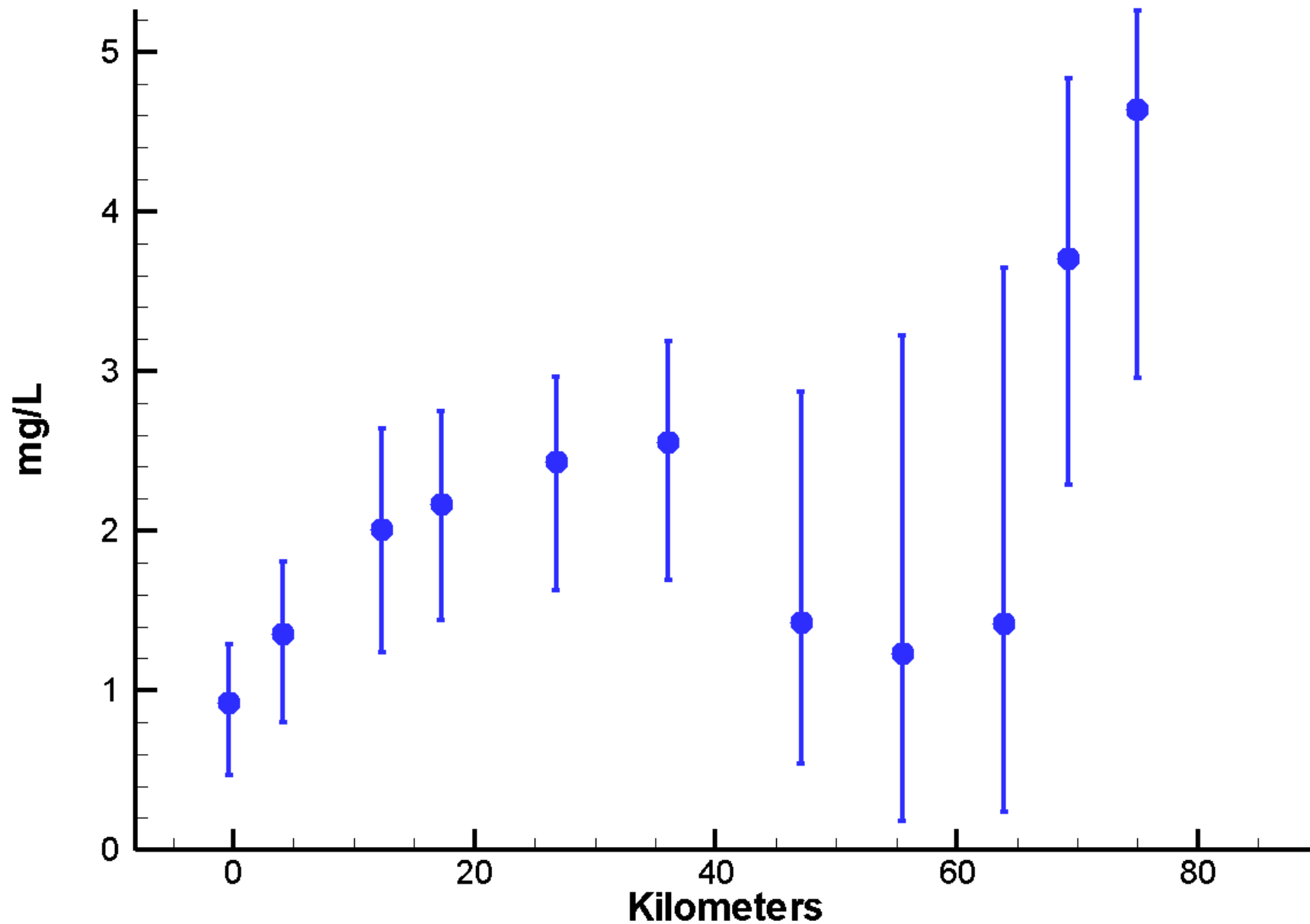
# Patuxent River Ches2015 Run118

## Bottom Dissolved Silica Summer 1994



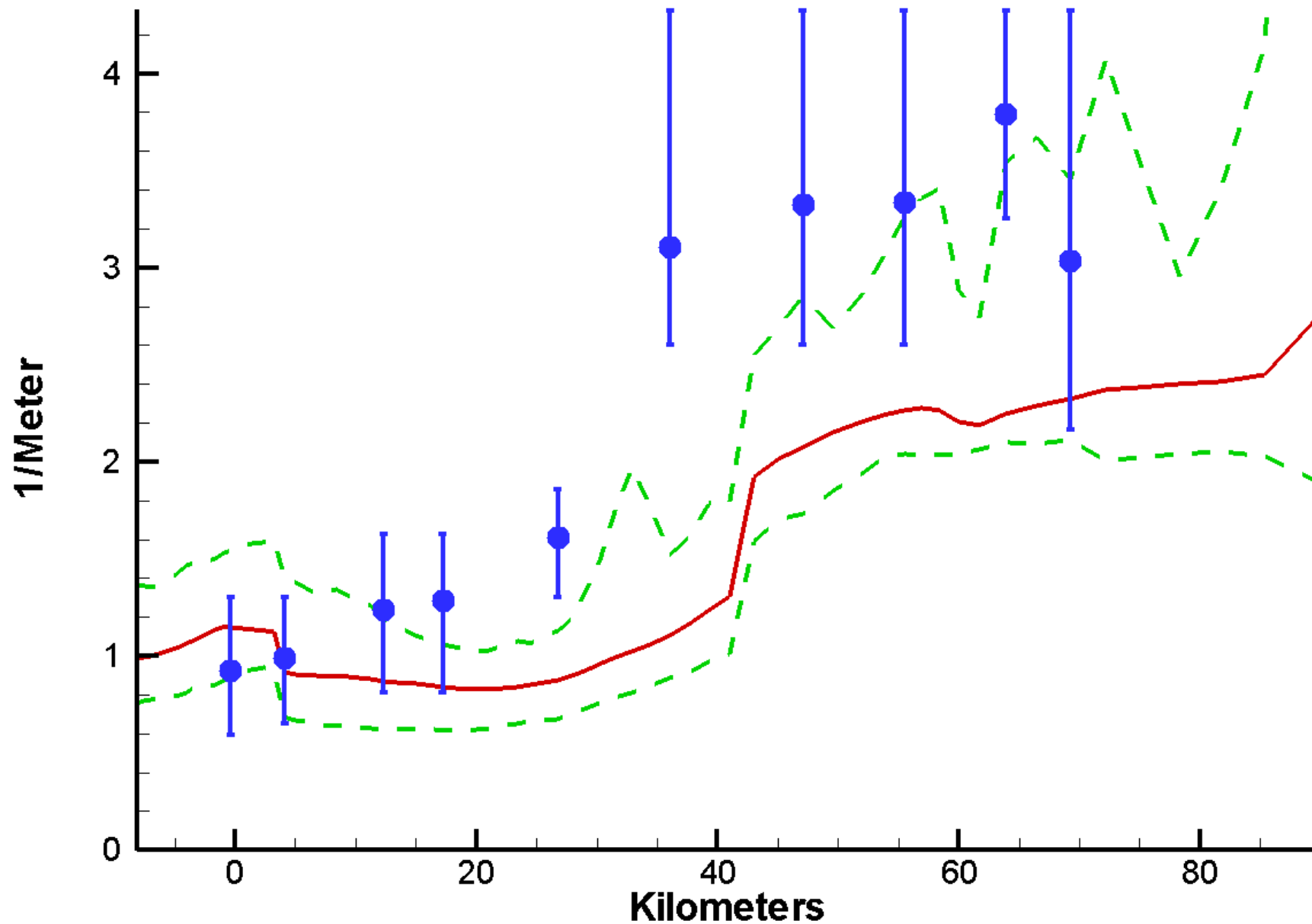
# Patuxent River Ches2015 Run118

## Surface Dissolved Silica Summer 1994



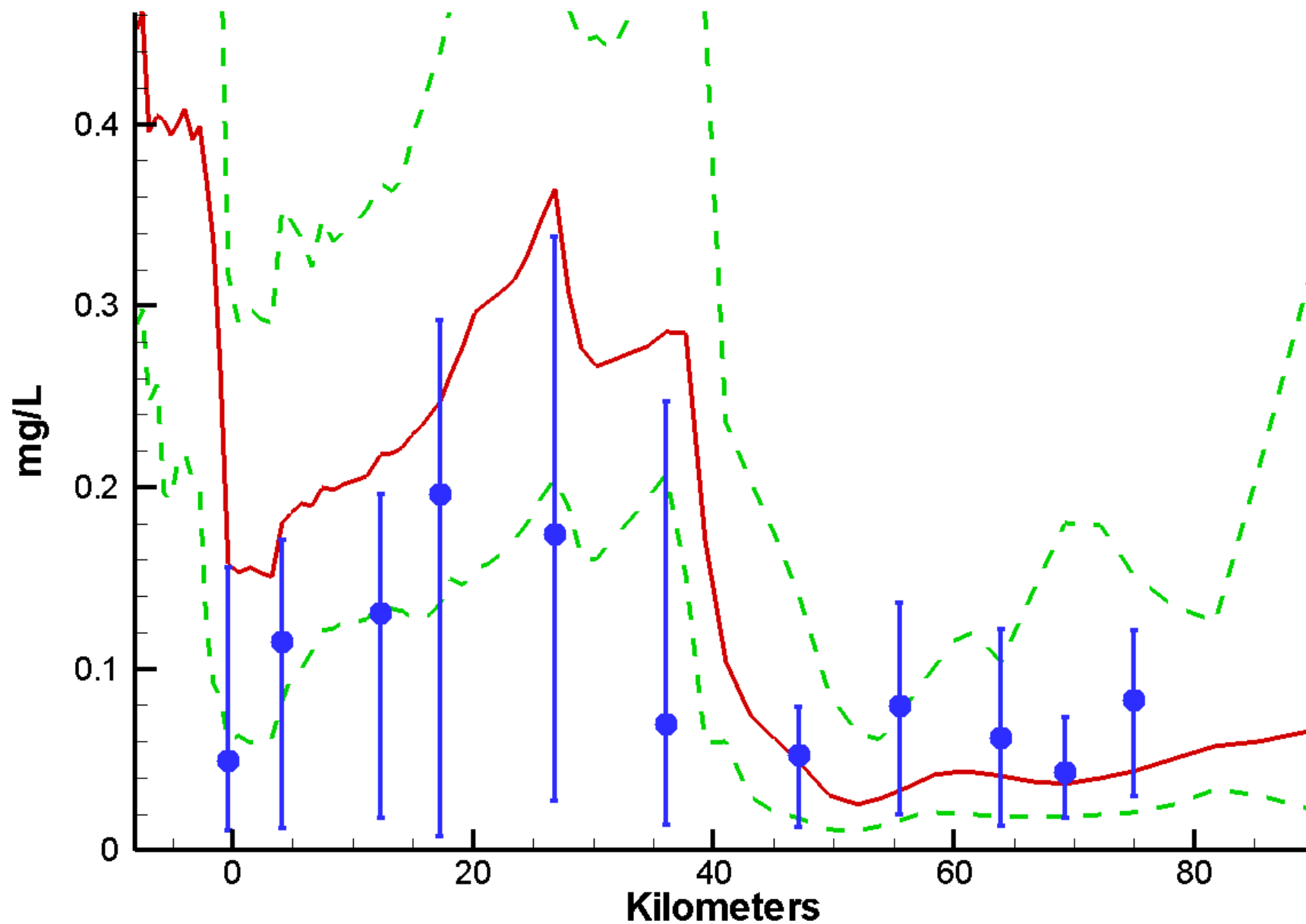
# Patuxent River Ches2015 Run118

## Surface Light Extinction Summer 1994



# Patuxent River Ches2015 Run118

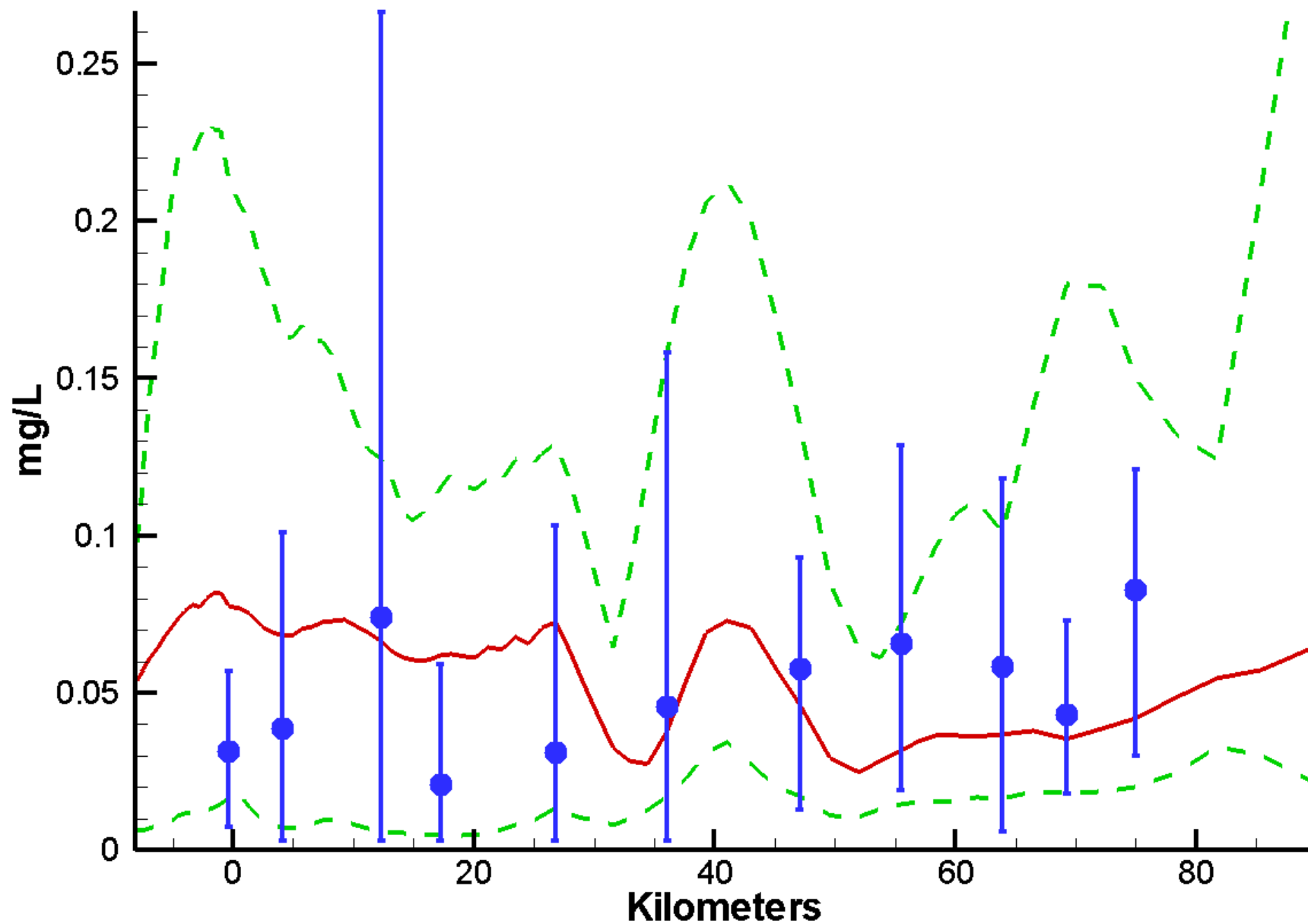
## Bottom Ammonium Summer 1994





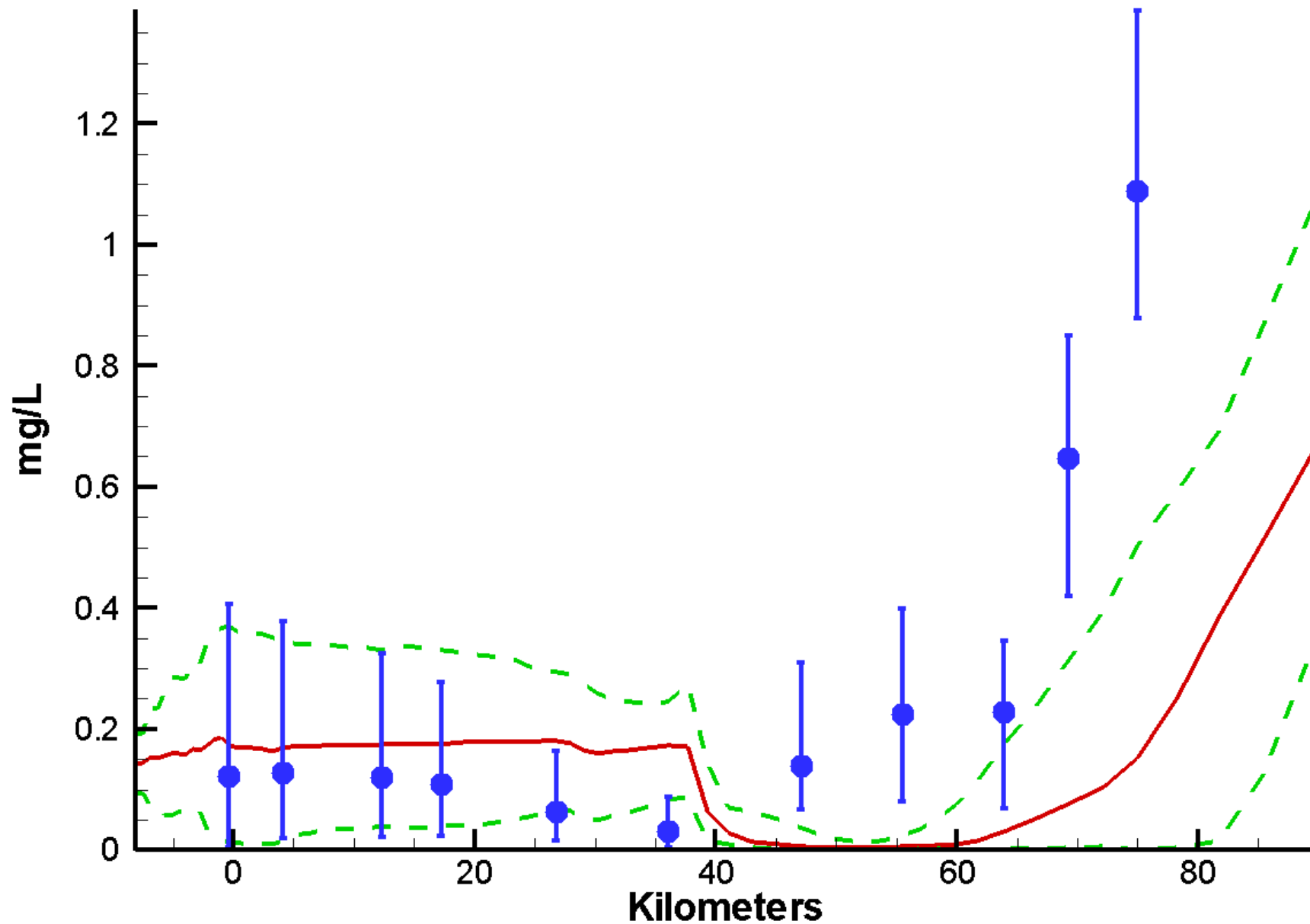
# Patuxent River Ches2015 Run118

## Surface Ammonium Summer 1994



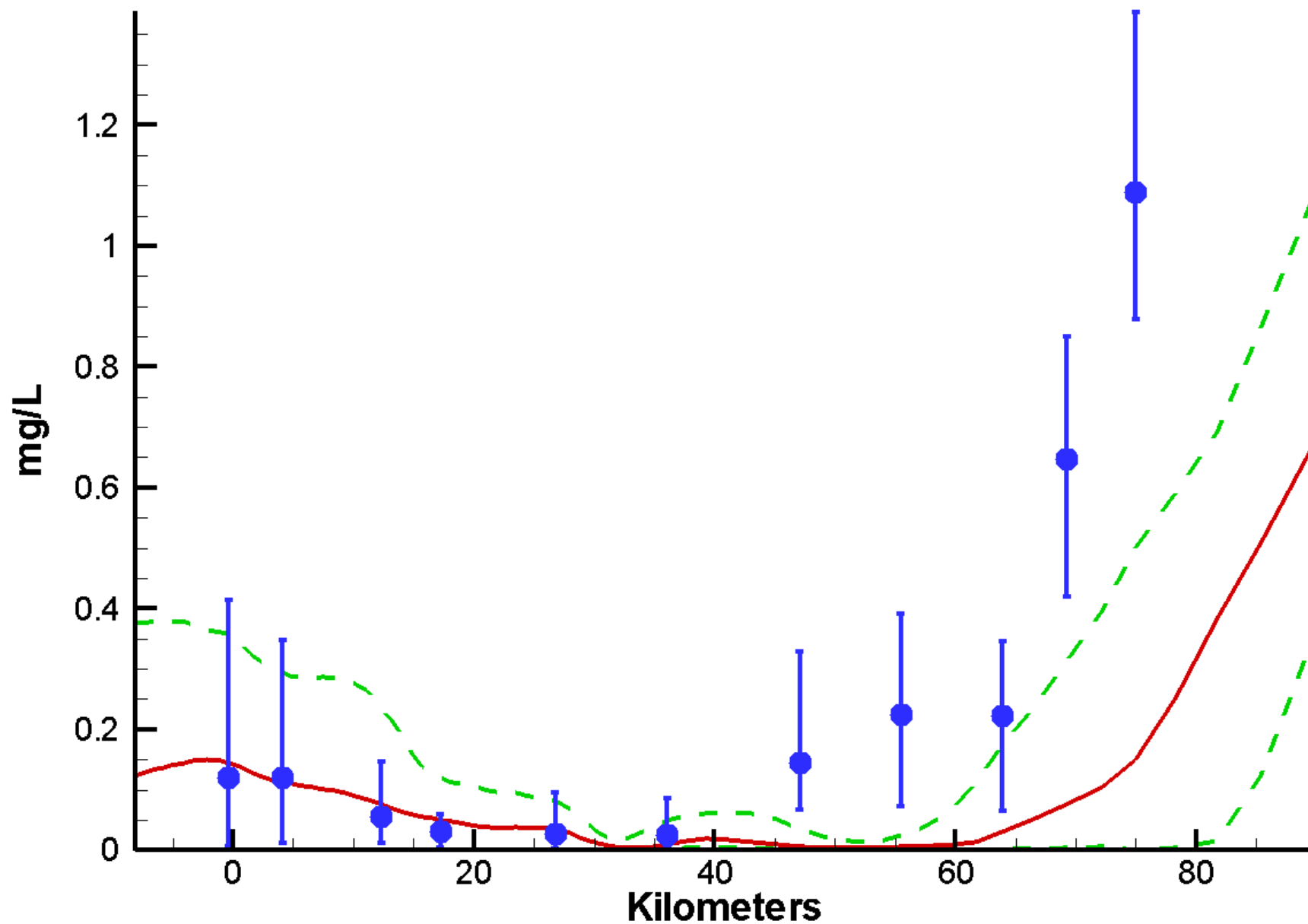
# Patuxent River Ches2015 Run118

## Bottom Nitrate Summer 1994



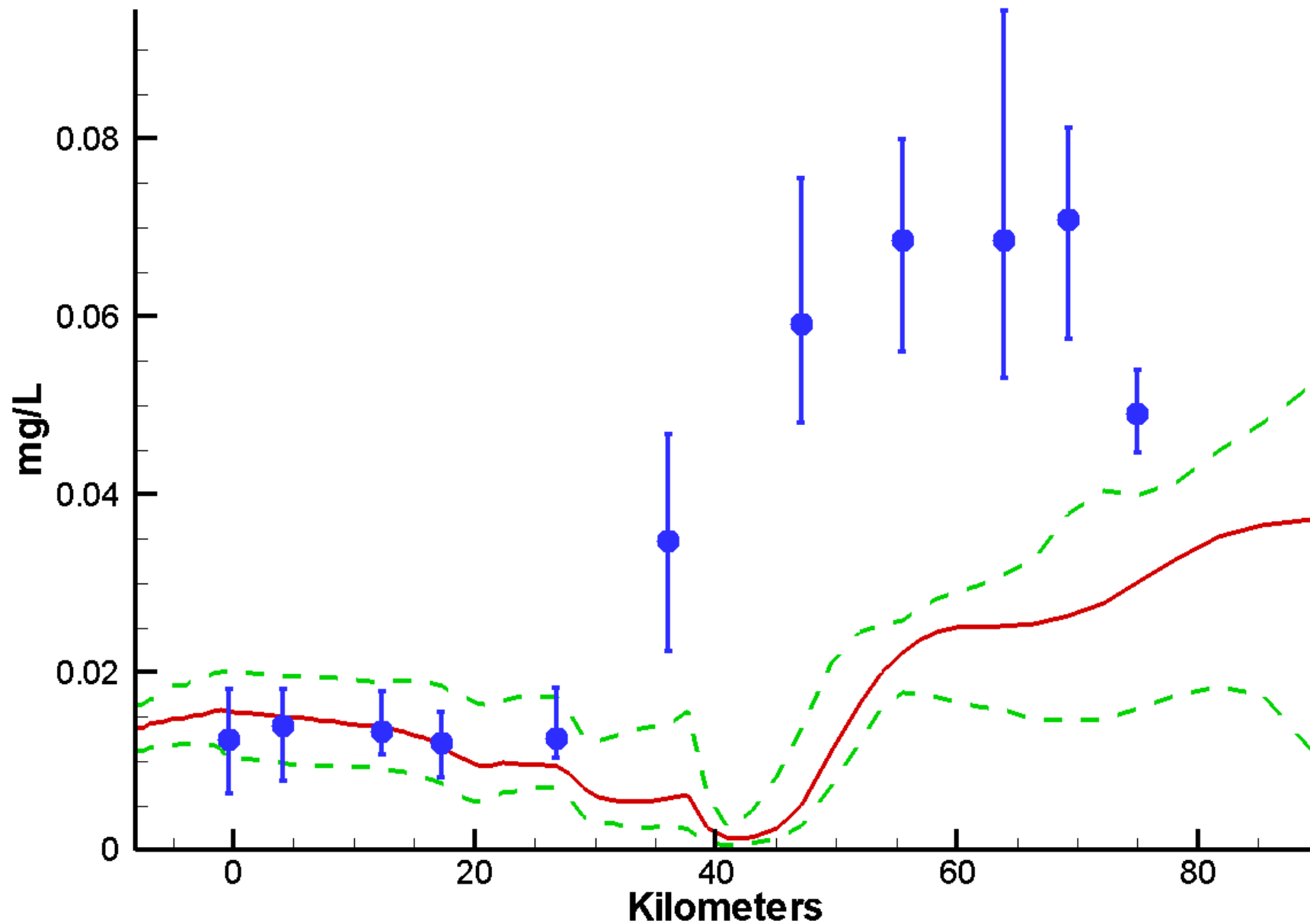
# Patuxent River Ches2015 Run118

## Surface Nitrate Summer 1994



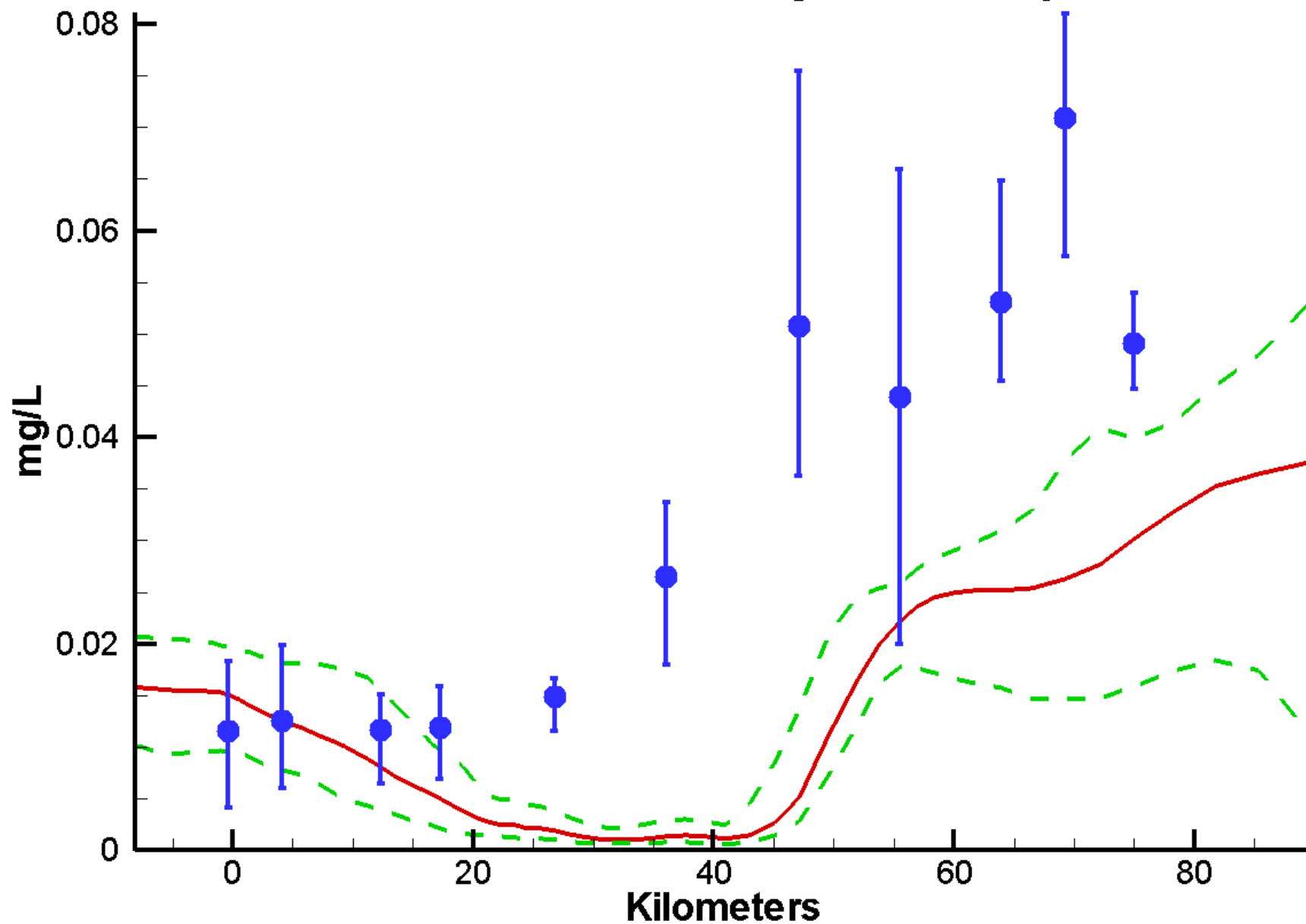
# Patuxent River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Summer 199



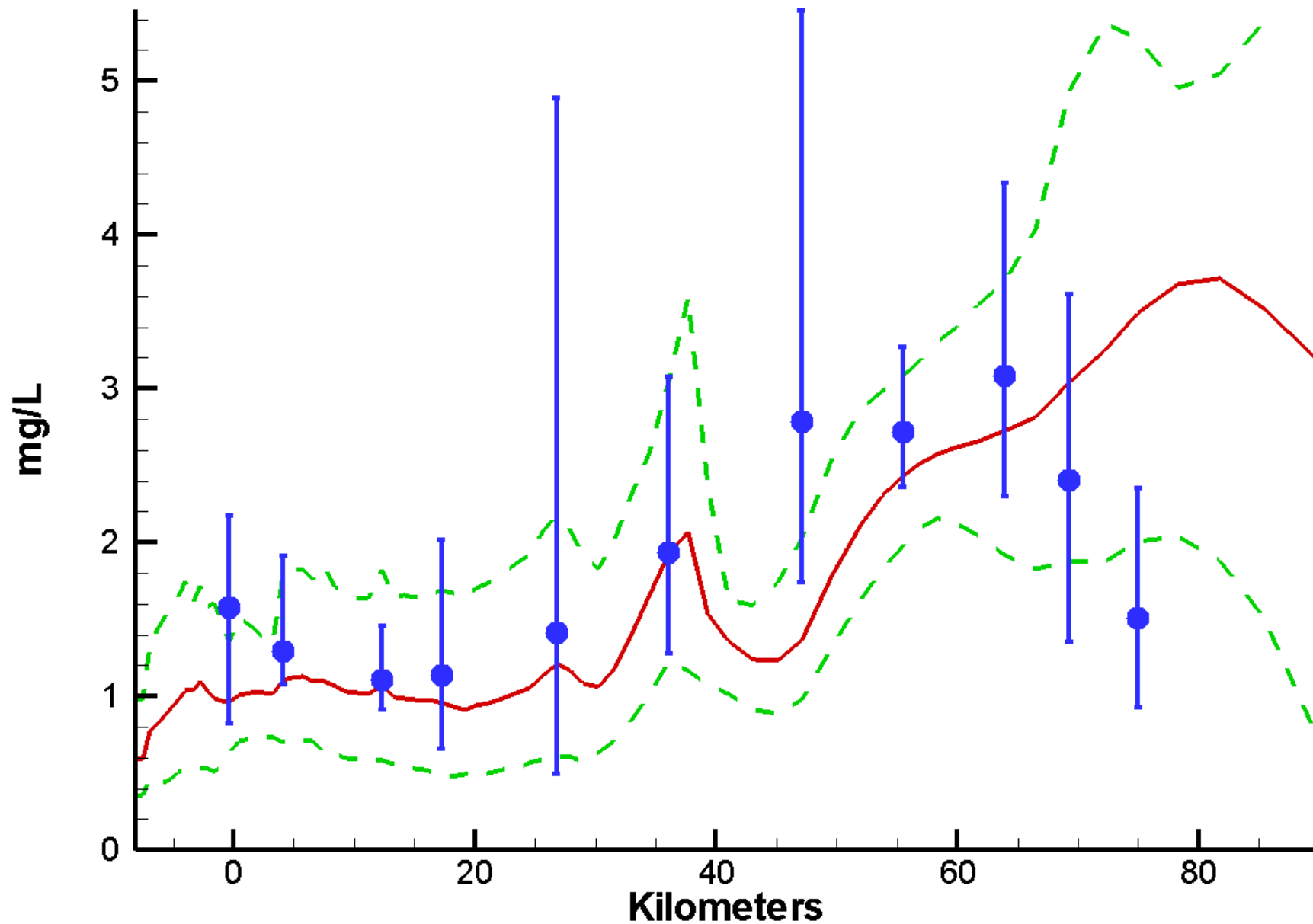
# Patuxent River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



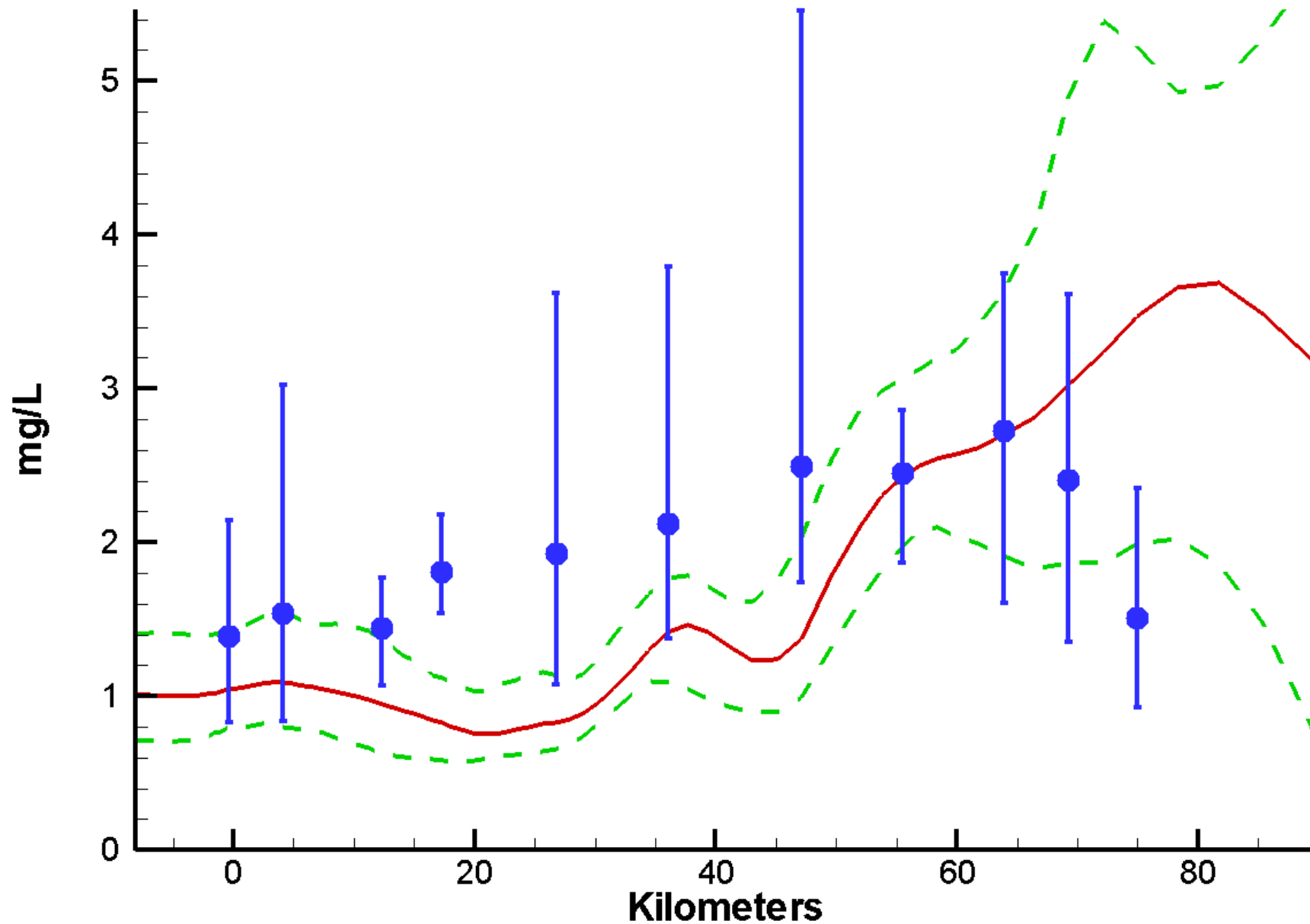
# Patuxent River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1994



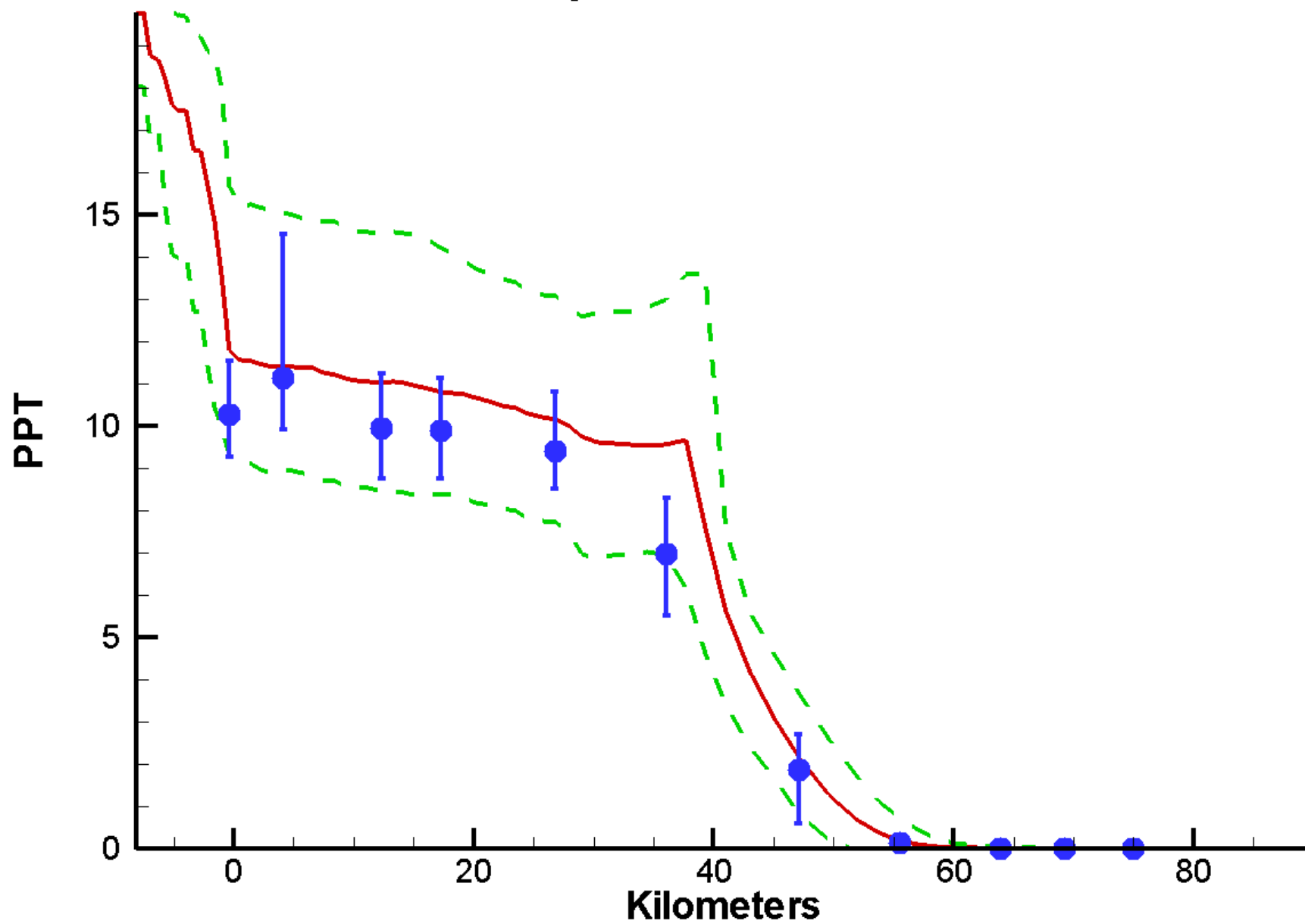
# Patuxent River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1994



# Patuxent River Ches2015 Run118

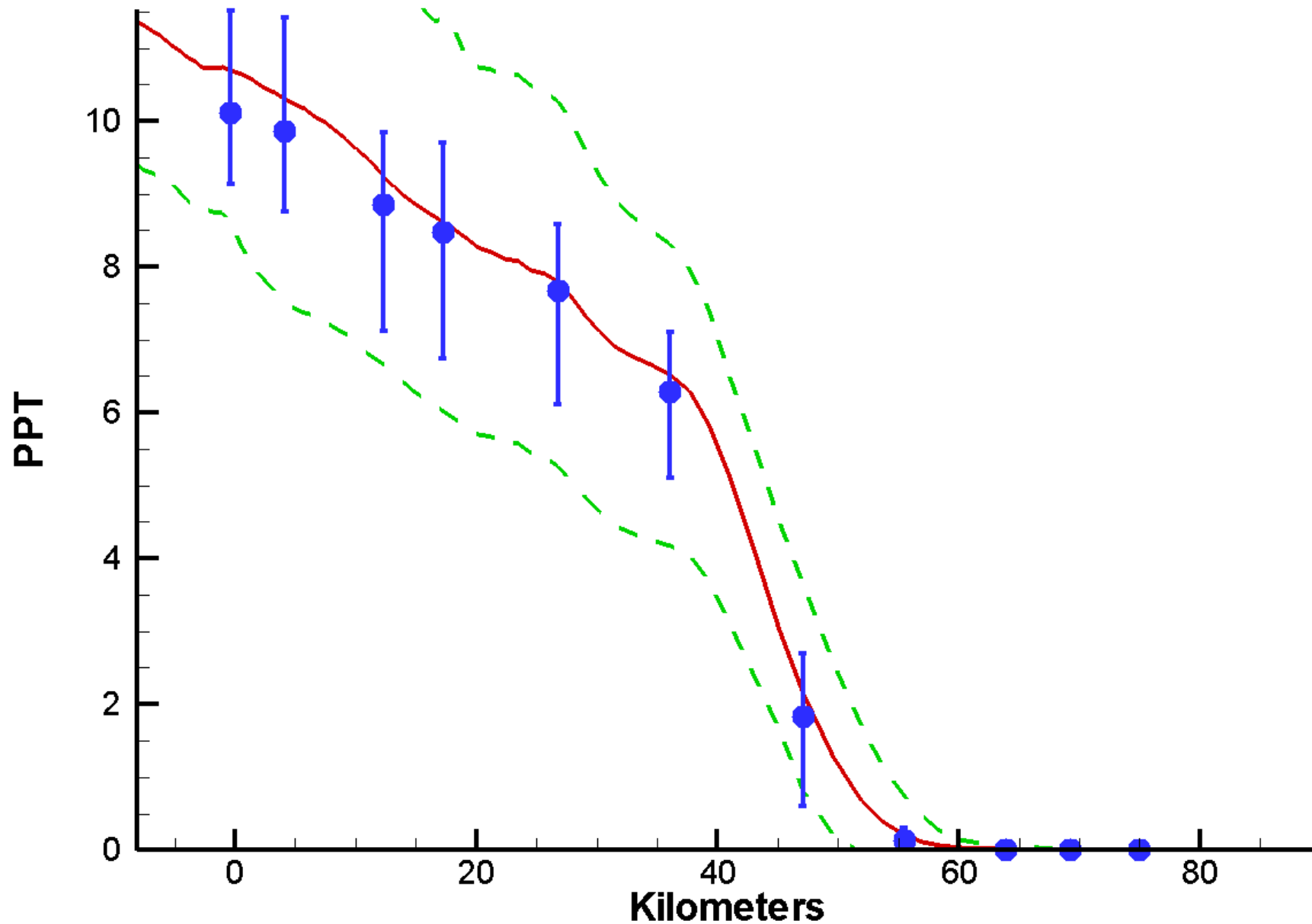
## Bottom Salinity Summer 1994





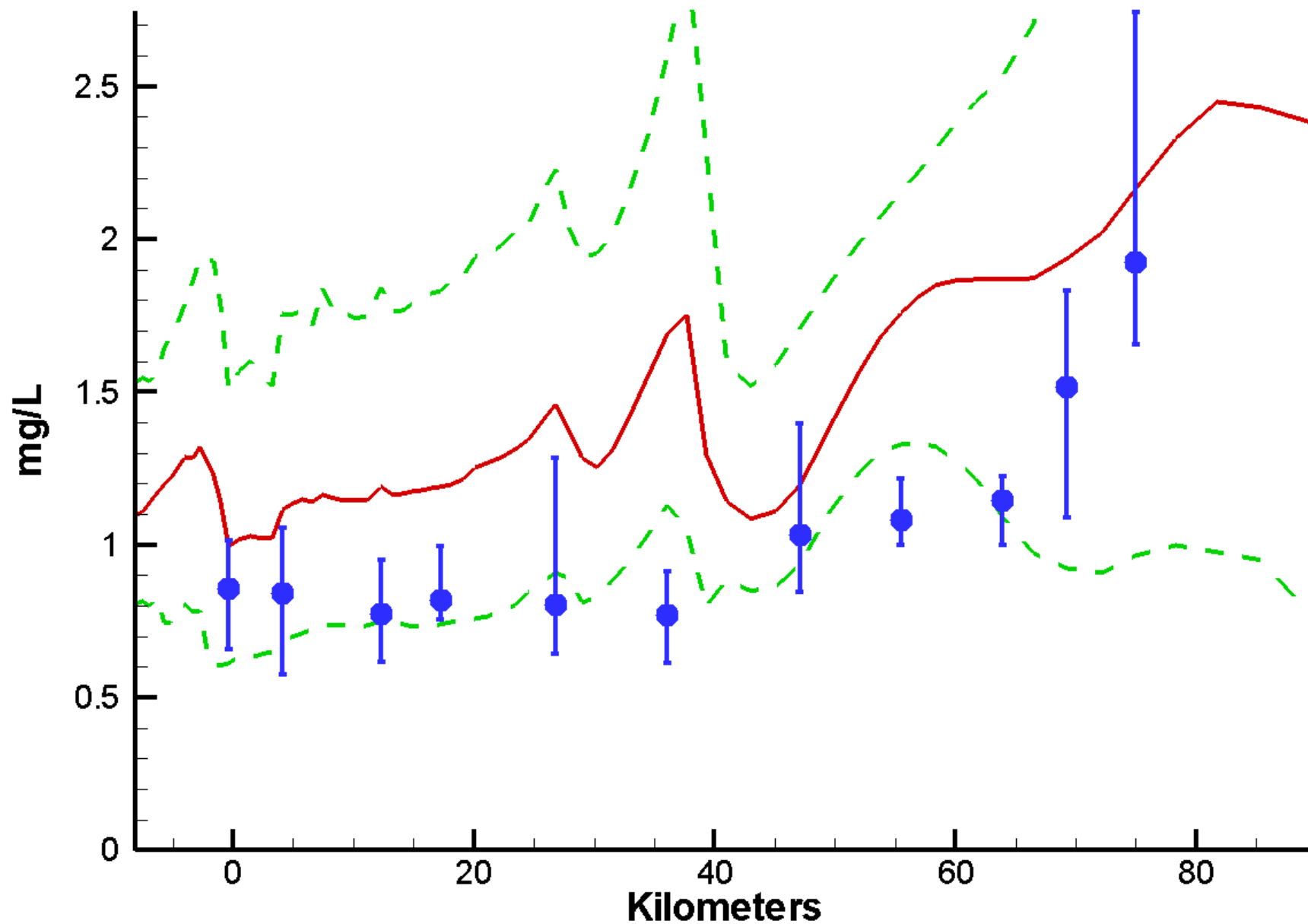
# Patuxent River Ches2015 Run118

## Surface Salinity Summer 1994



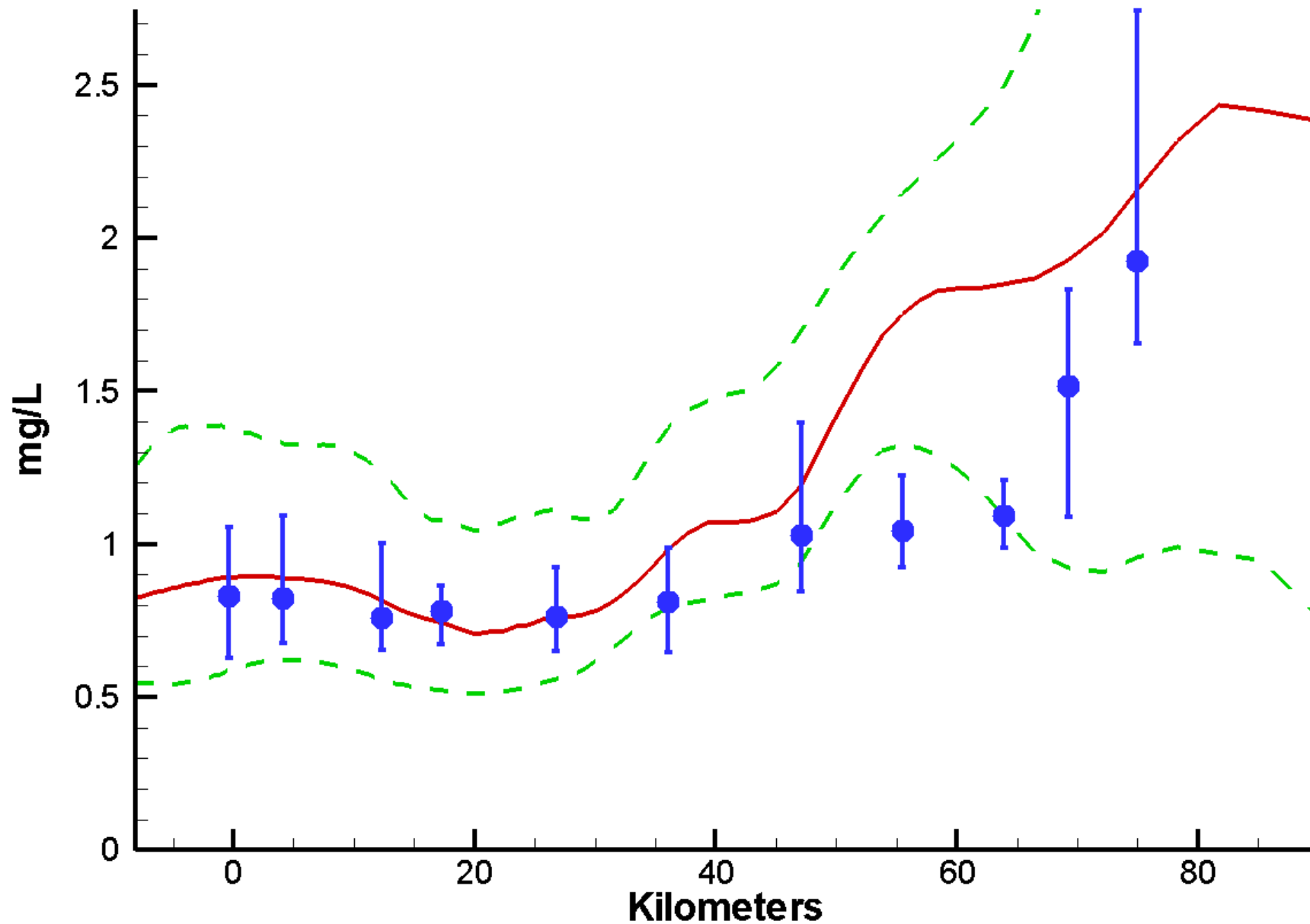
# Patuxent River Ches2015 Run118

## Bottom Total Nitrogen Summer 1994



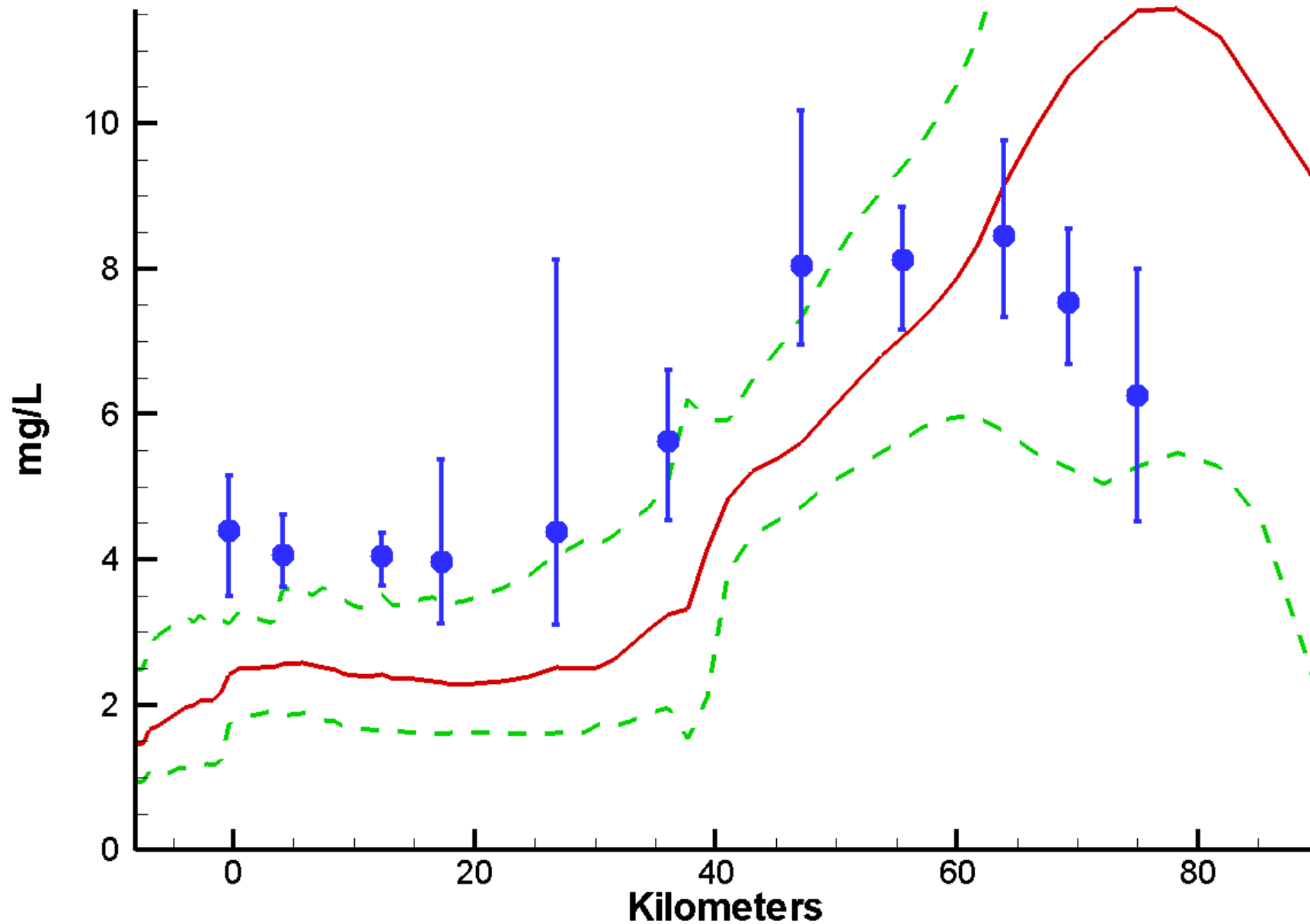
# Patuxent River Ches2015 Run118

## Surface Total Nitrogen Summer 1994



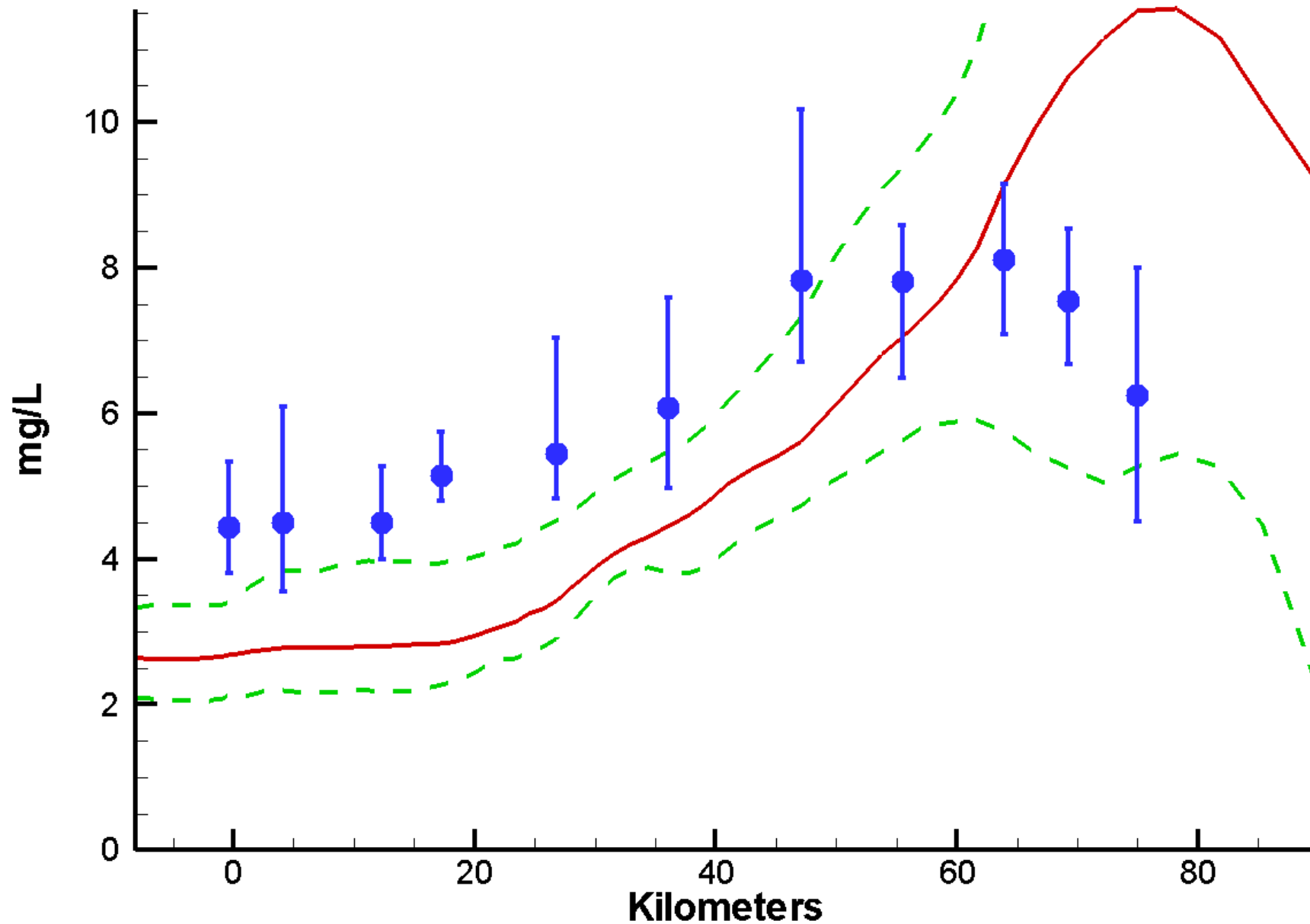
# Patuxent River Ches2015 Run118

## Bottom Total Organic Carbon Summer 1994



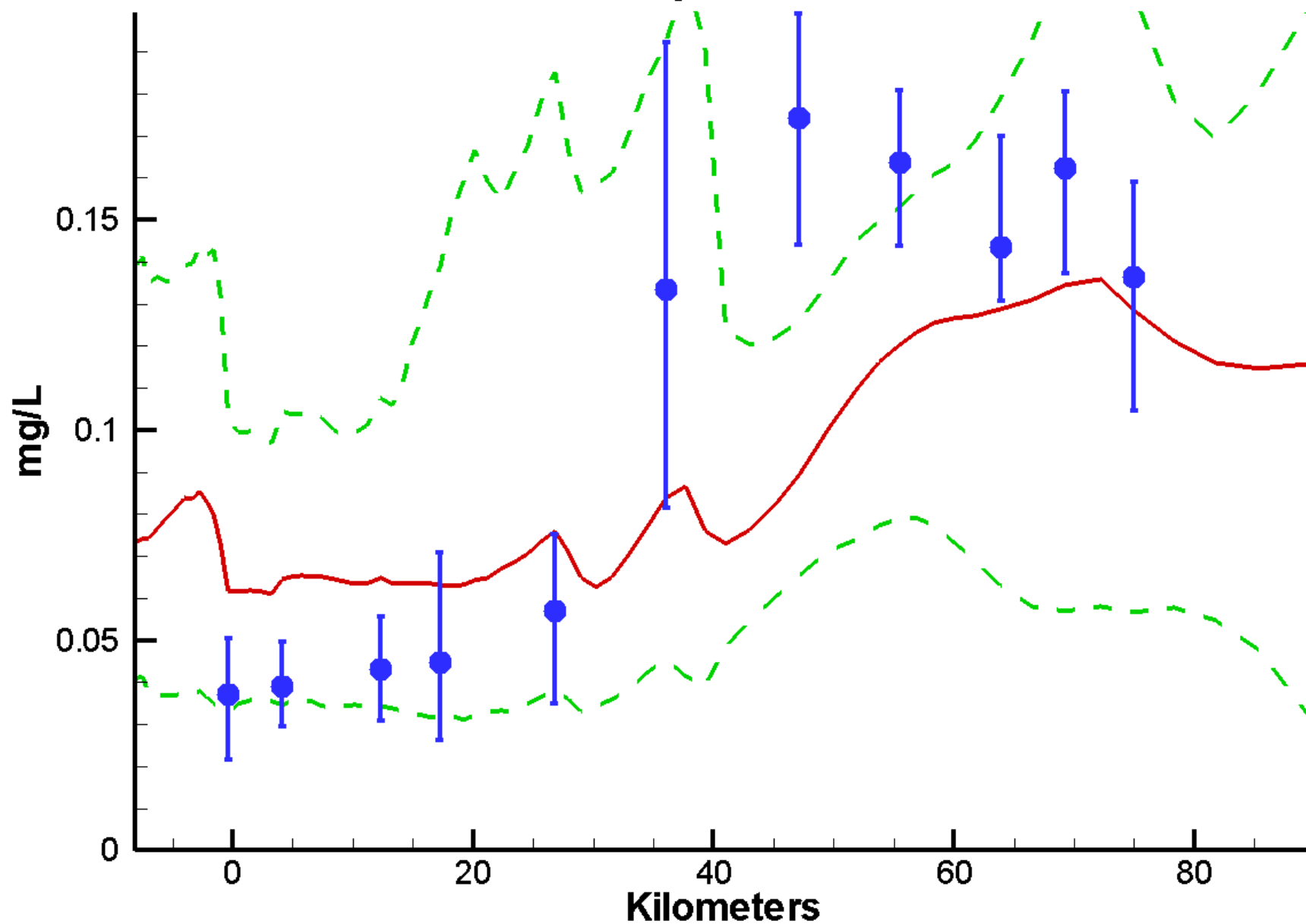
# Patuxent River Ches2015 Run118

## Surface Total Organic Carbon Summer 1994



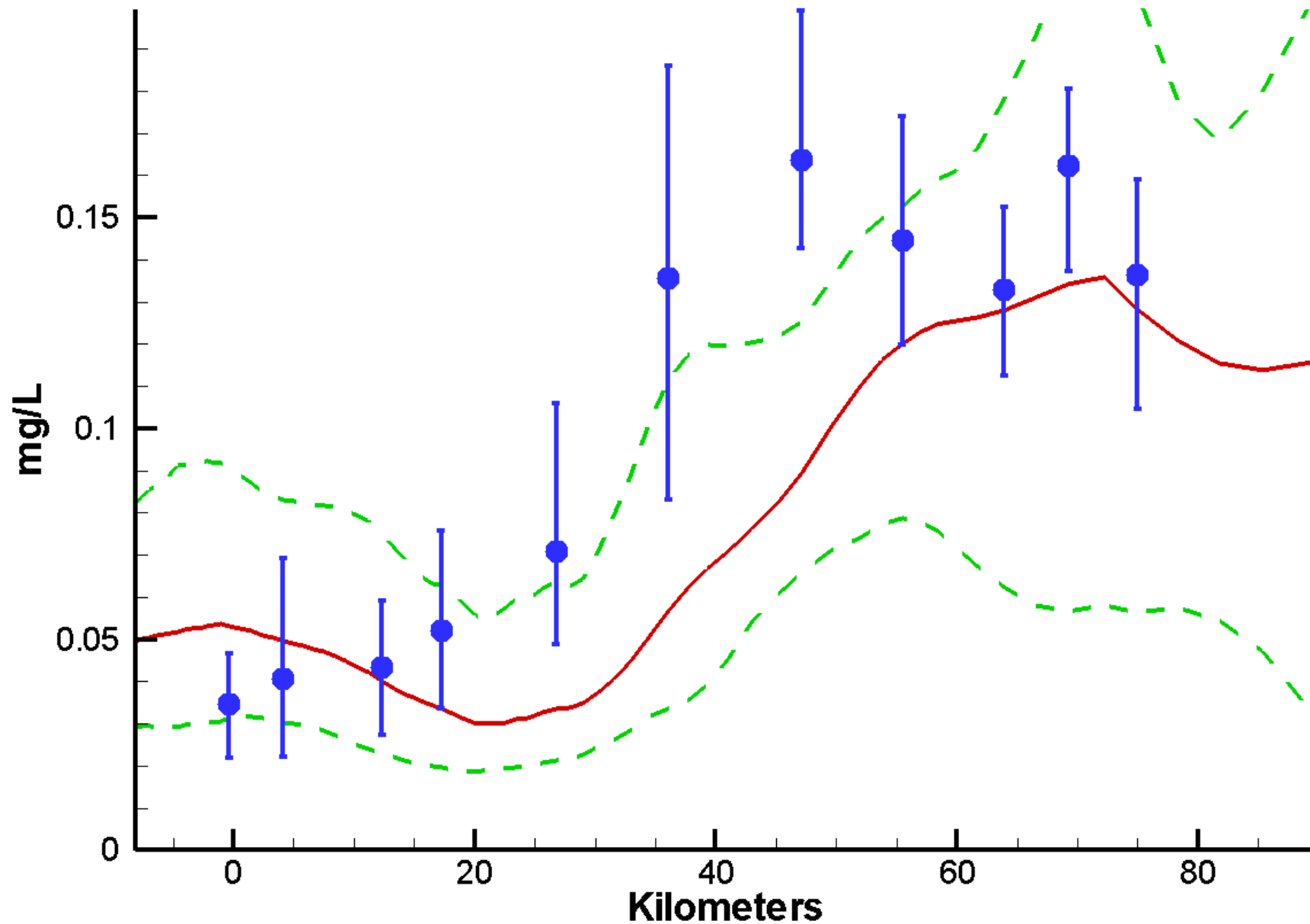
# Patuxent River Ches2015 Run118

## Bottom Total Phosphorus Summer 1994



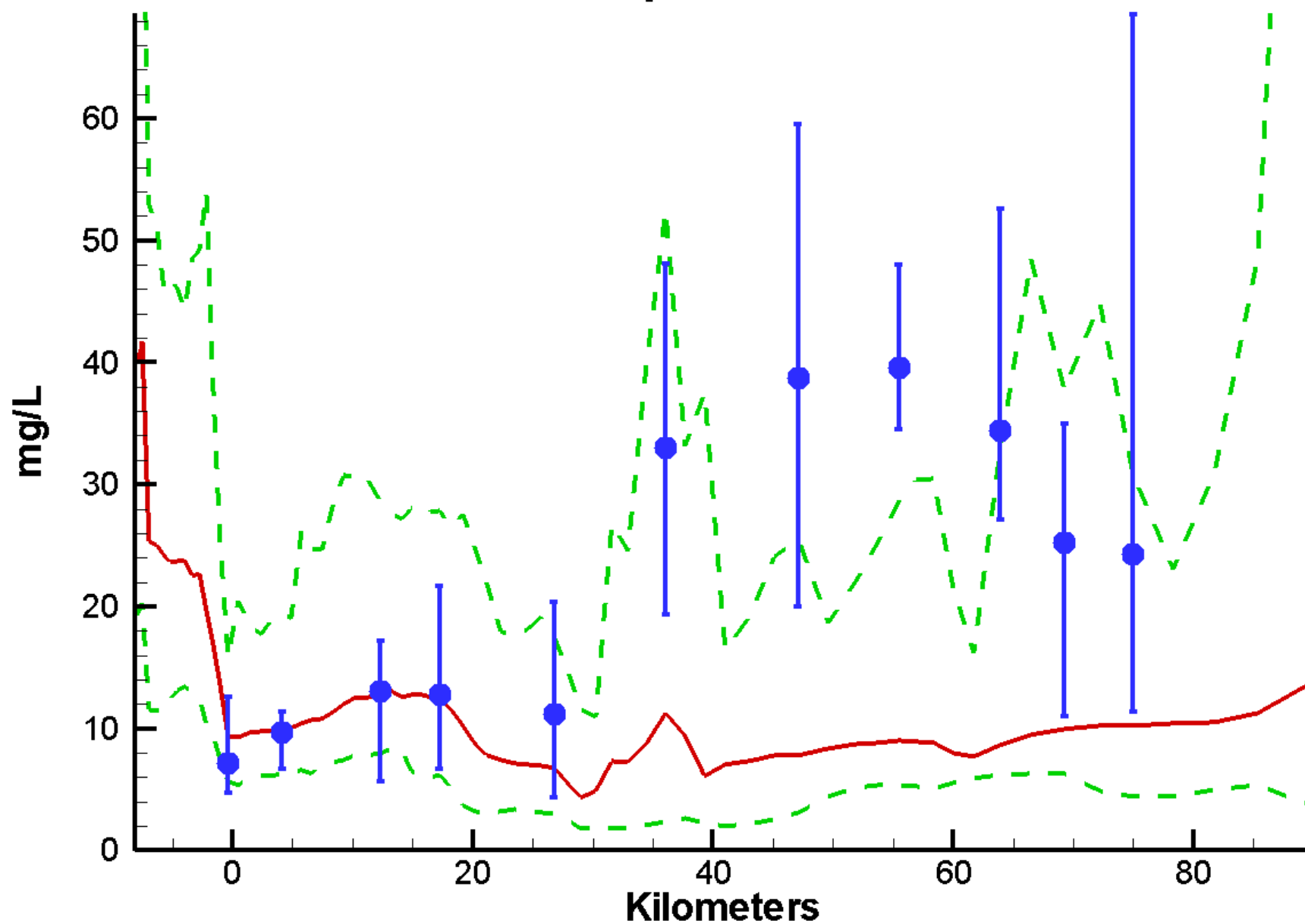
# Patuxent River Ches2015 Run118

## Surface Total Phosphorus Summer 1994



# Patuxent River Ches2015 Run118

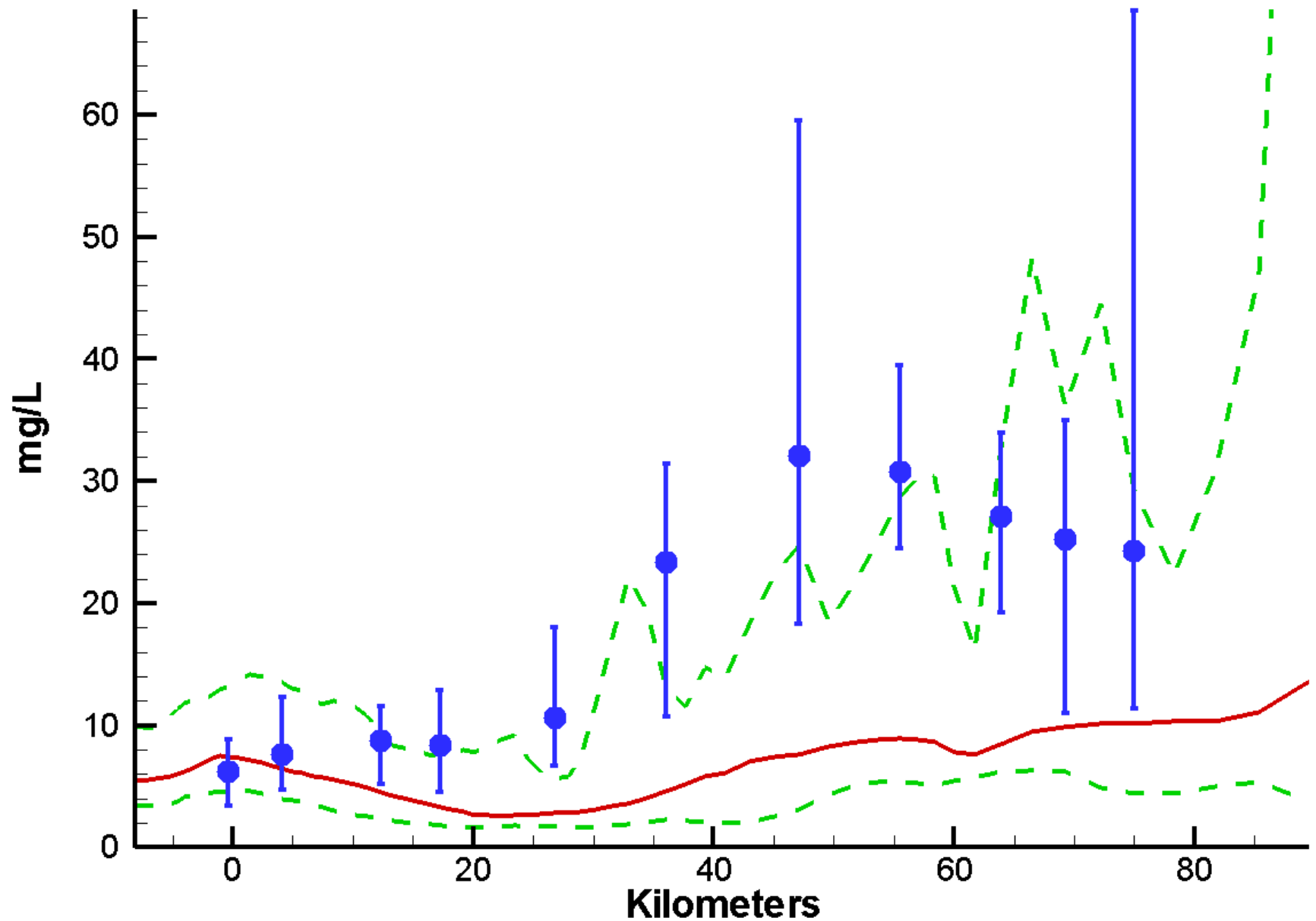
## Bottom Total Suspended Solids Summer 1994





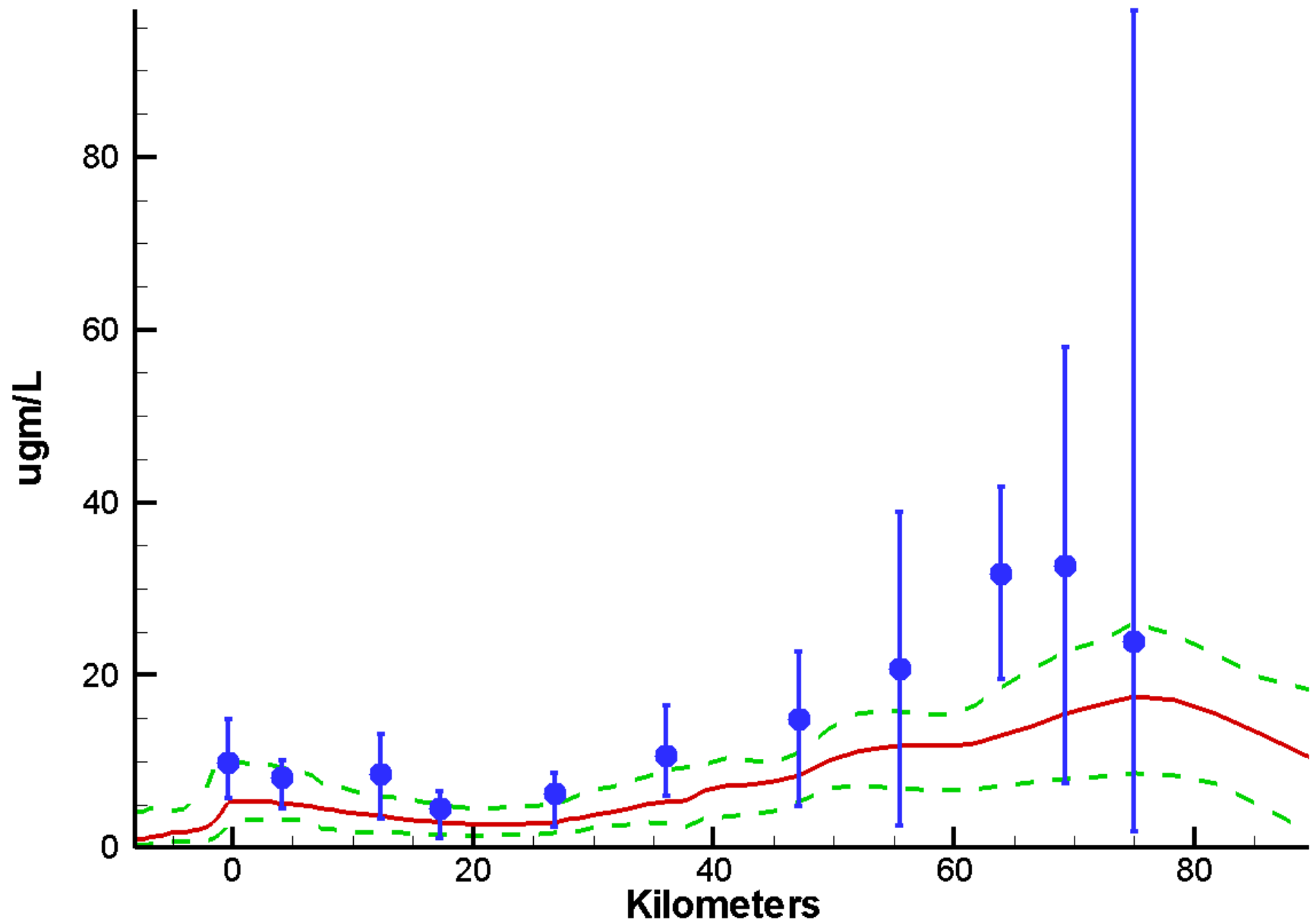
# Patuxent River Ches2015 Run118

## Surface Total Suspended Solids Summer 1994



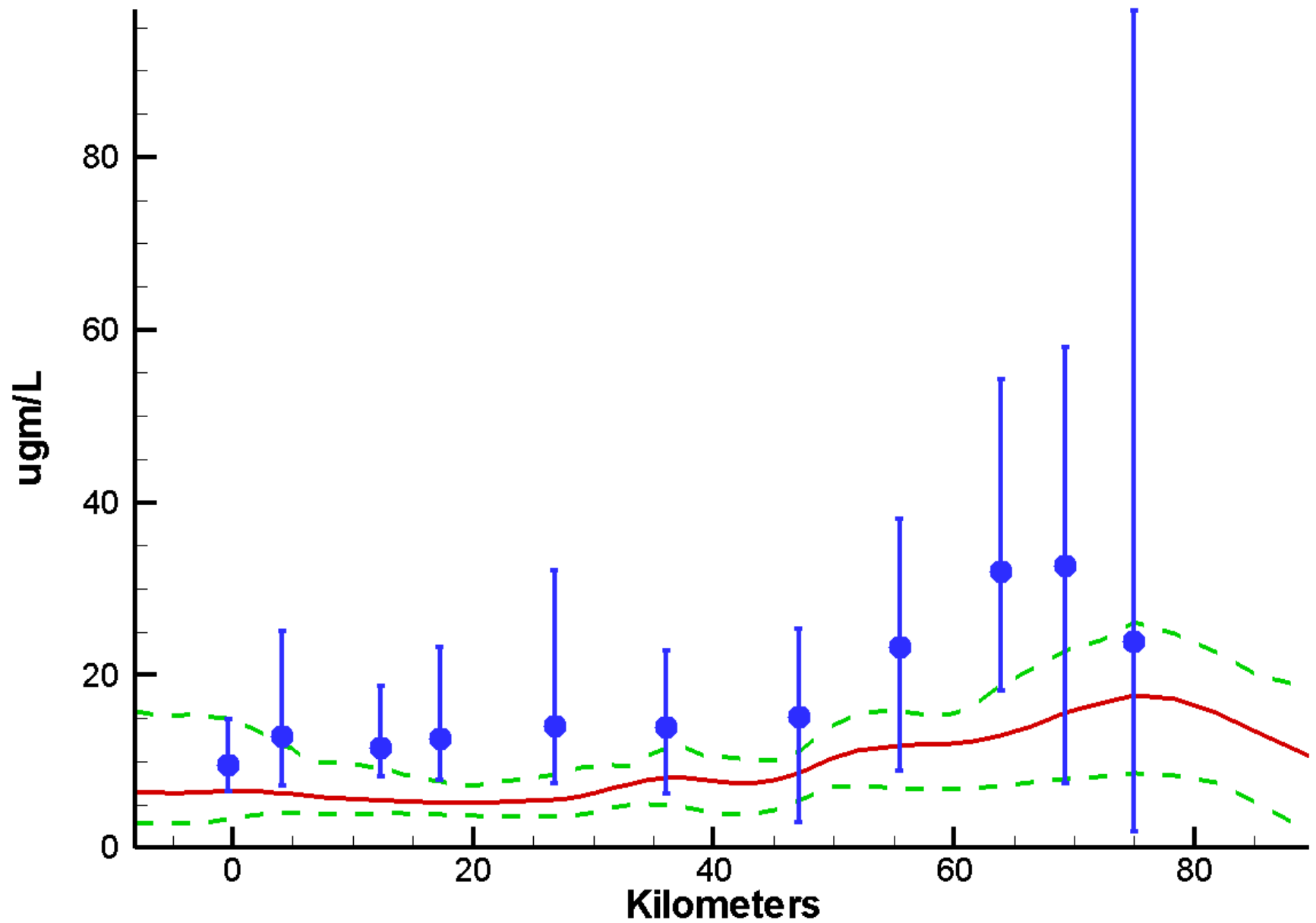
# Patuxent River Ches2015 Run118

## Bottom Chlorophyll Fall 1994



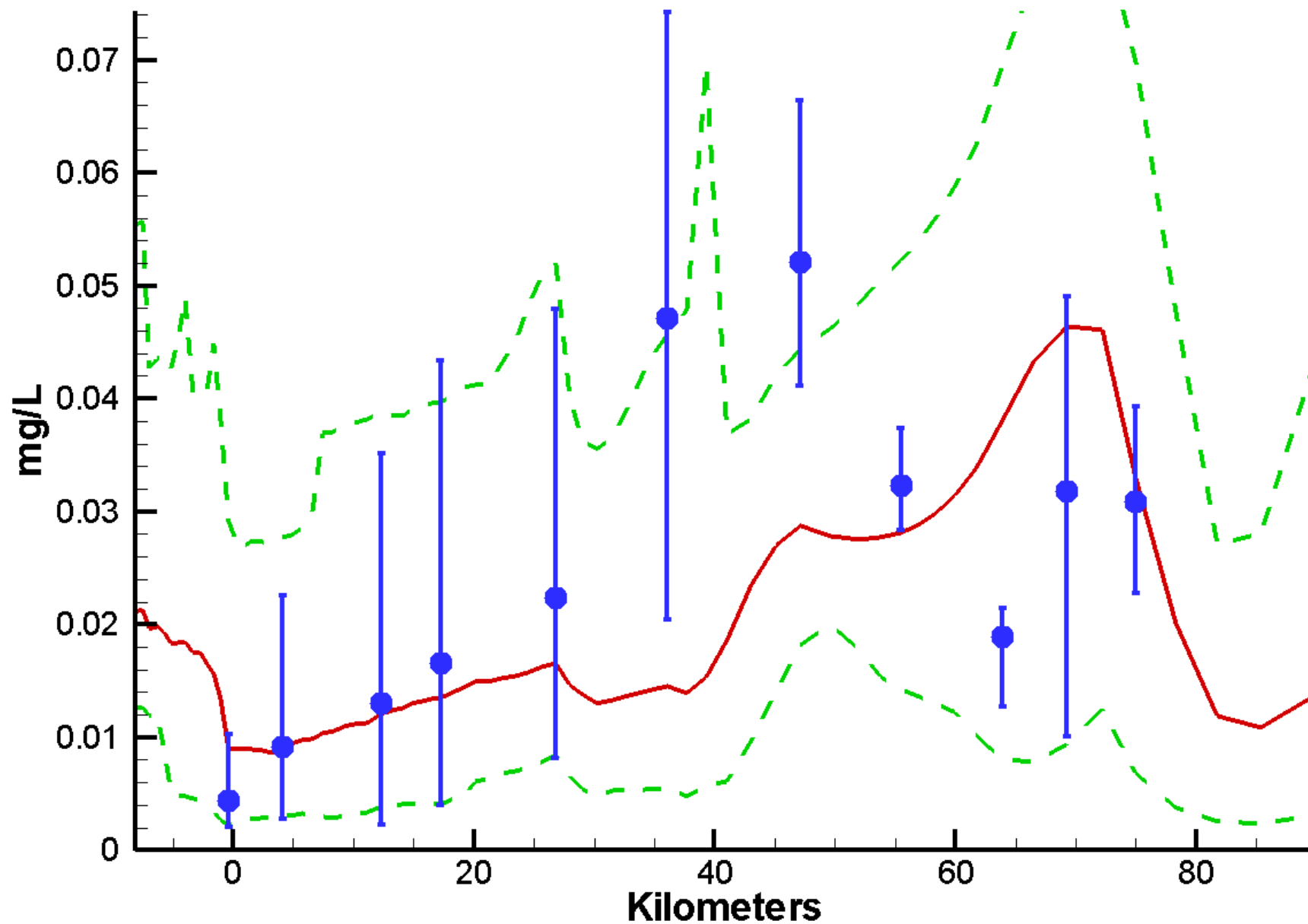
# Patuxent River Ches2015 Run118

## Surface Chlorophyll Fall 1994



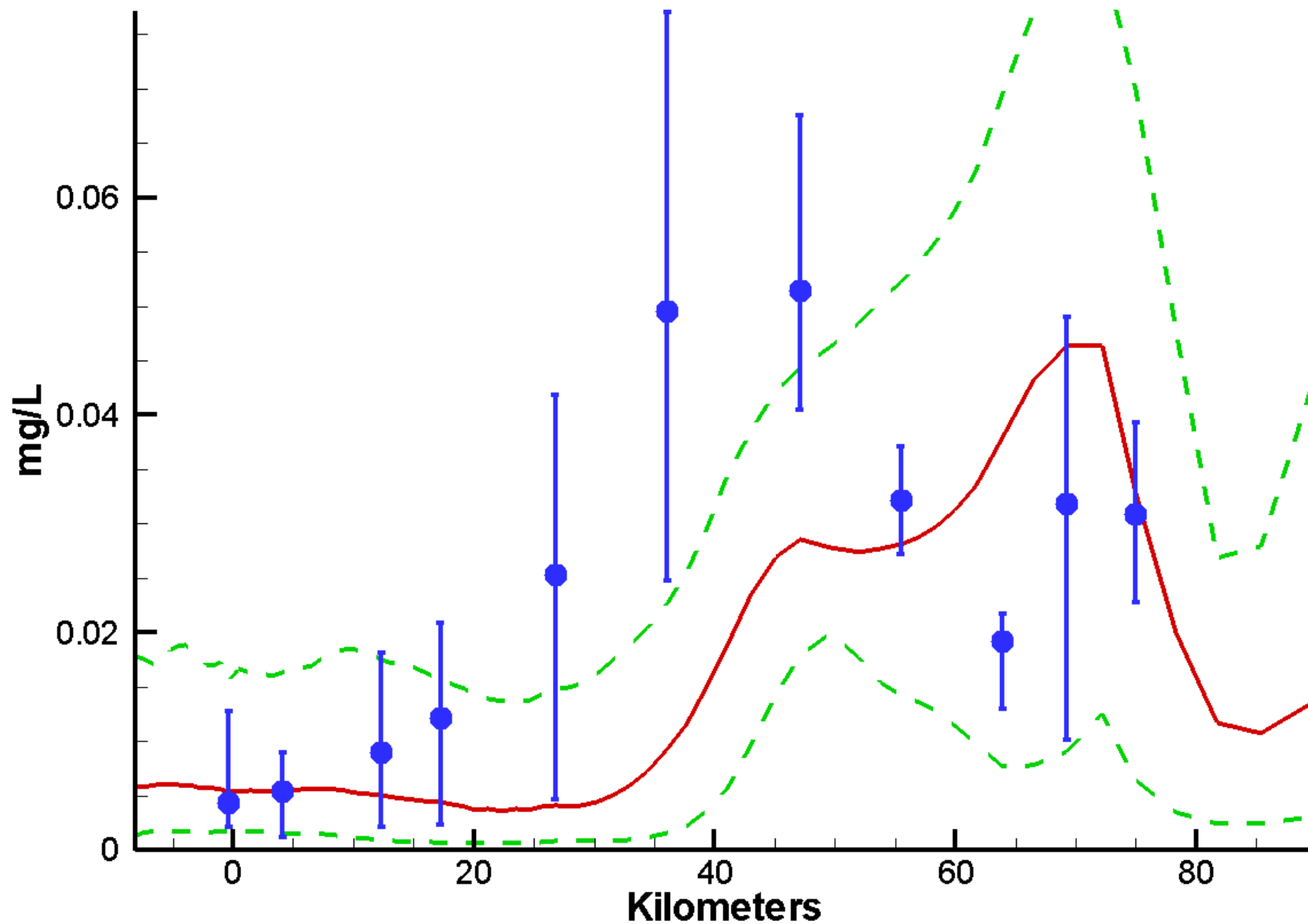
# Patuxent River Ches2015 Run118

## Bottom Dissolved Phosphate Fall 1994



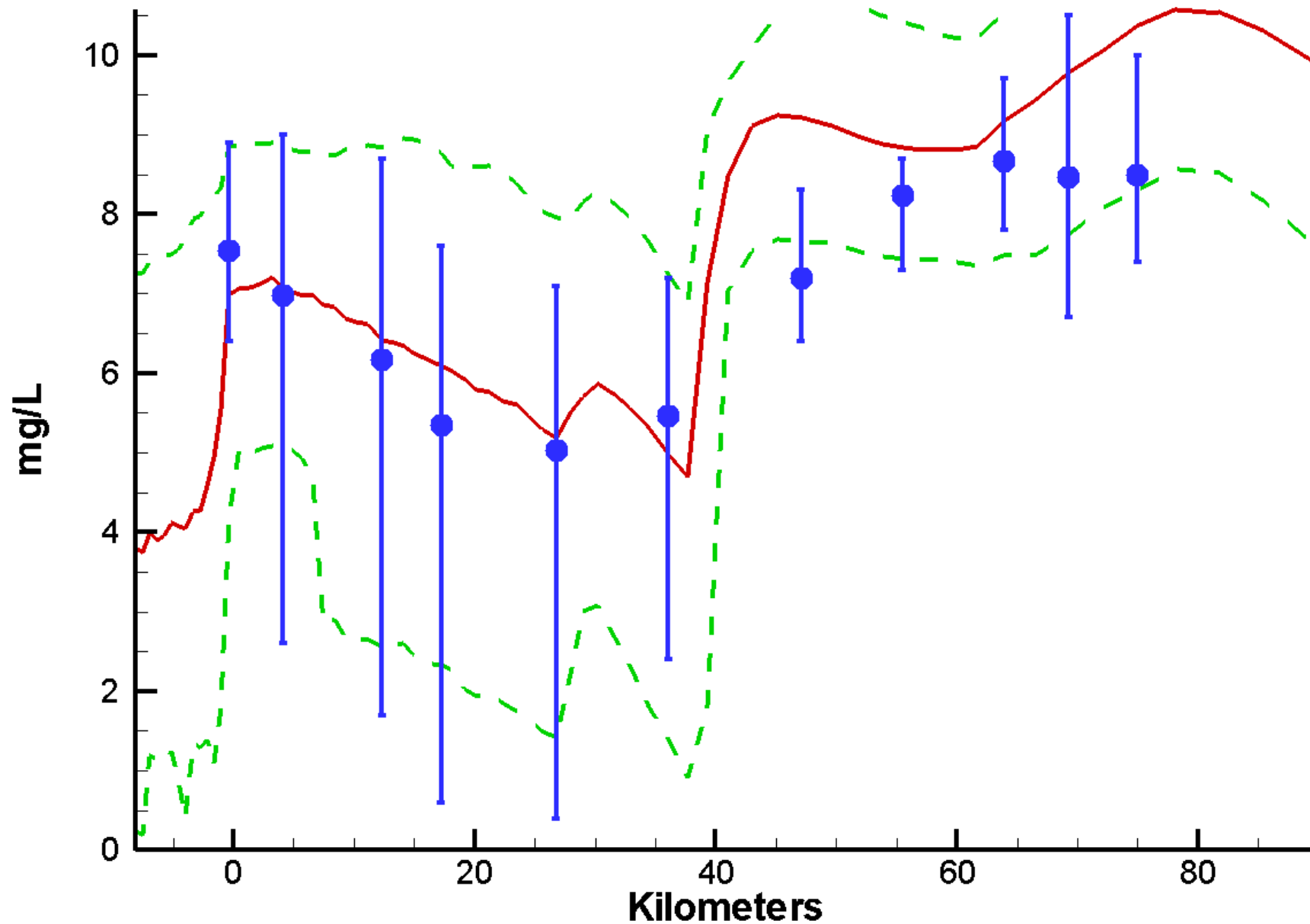
# Patuxent River Ches2015 Run118

## Surface Dissolved Phosphate Fall 1994



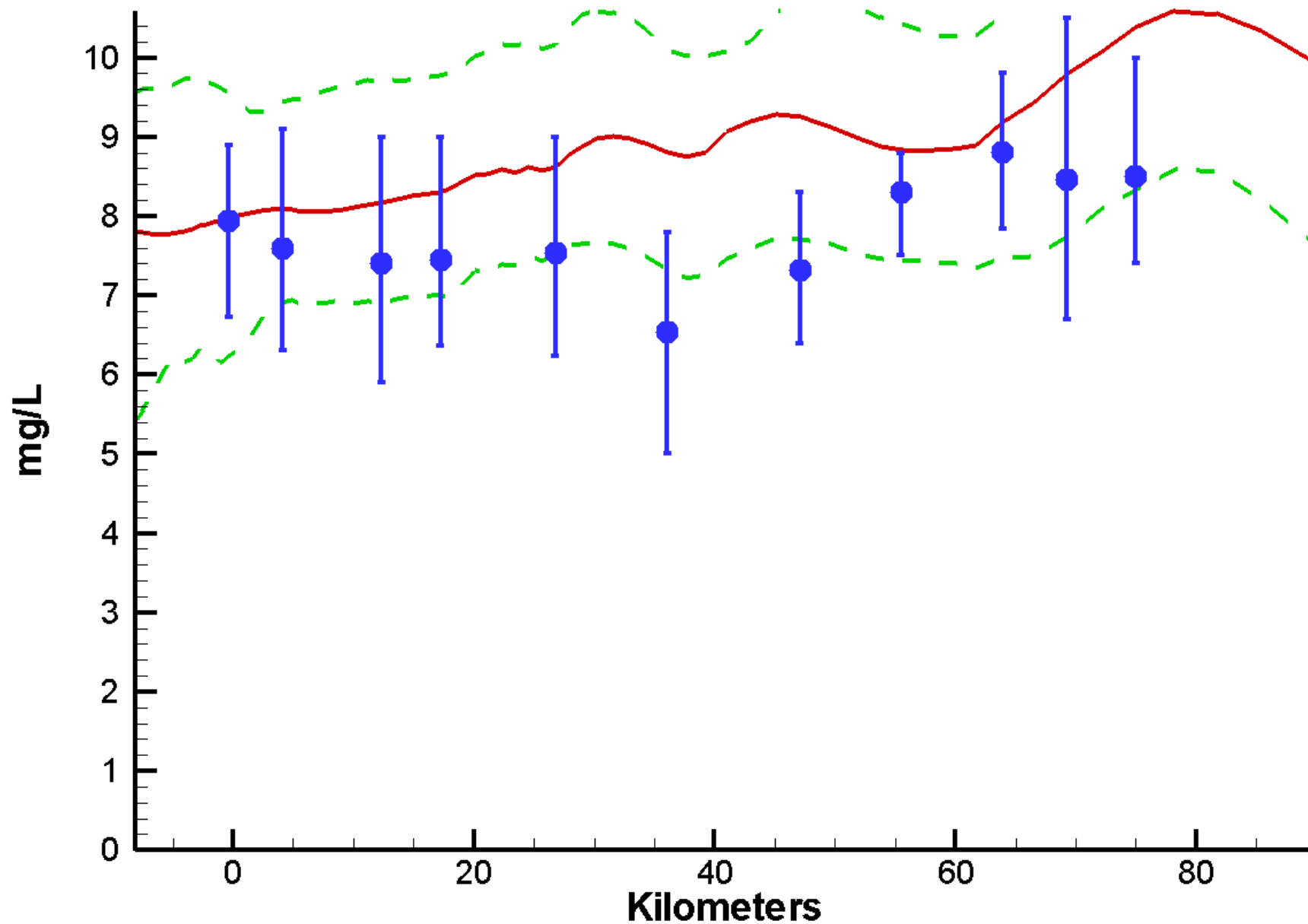
# Patuxent River Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1994



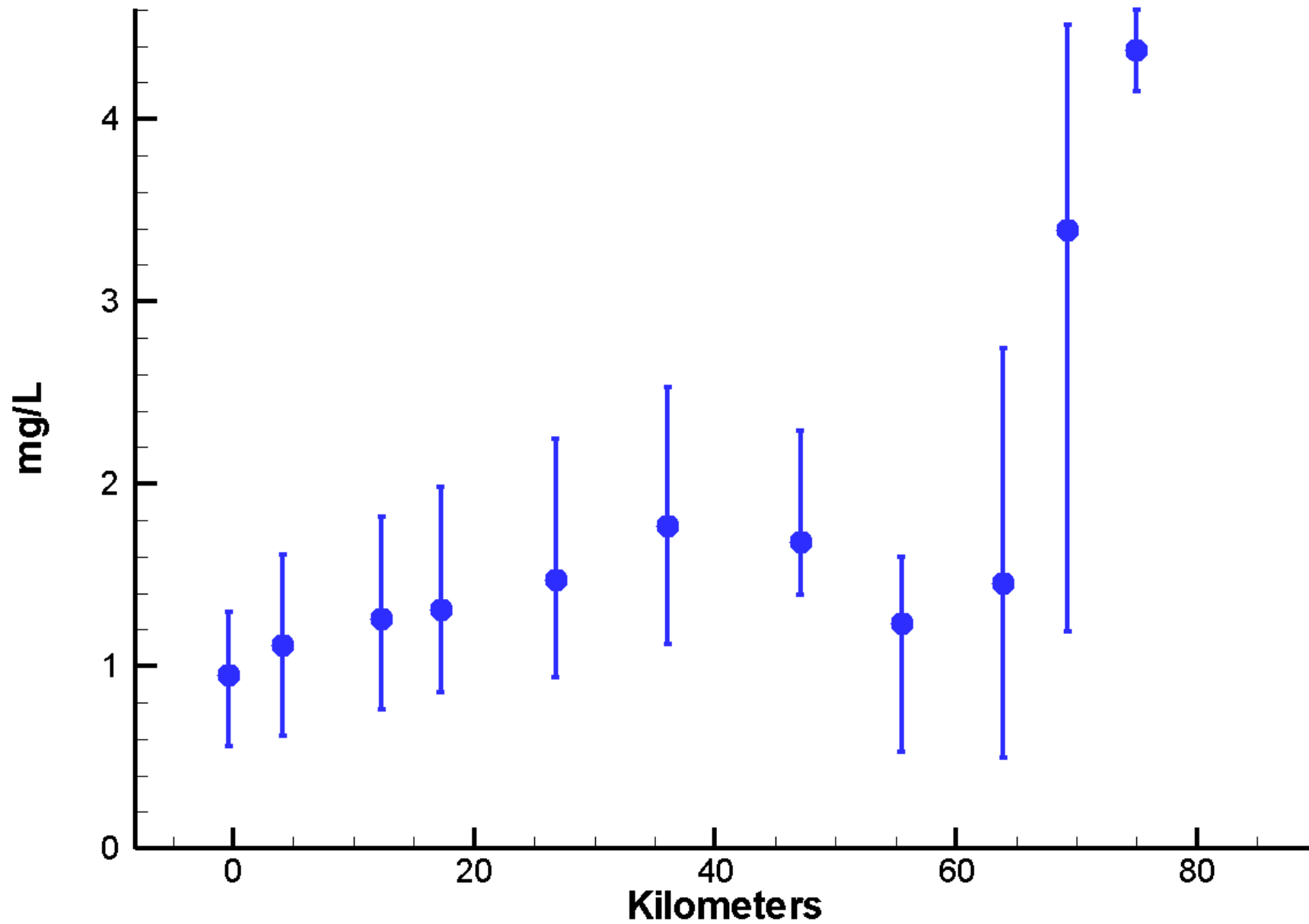
# Patuxent River Ches2015 Run118

## Surface Dissolved Oxygen Fall 1994



# Patuxent River Ches2015 Run118

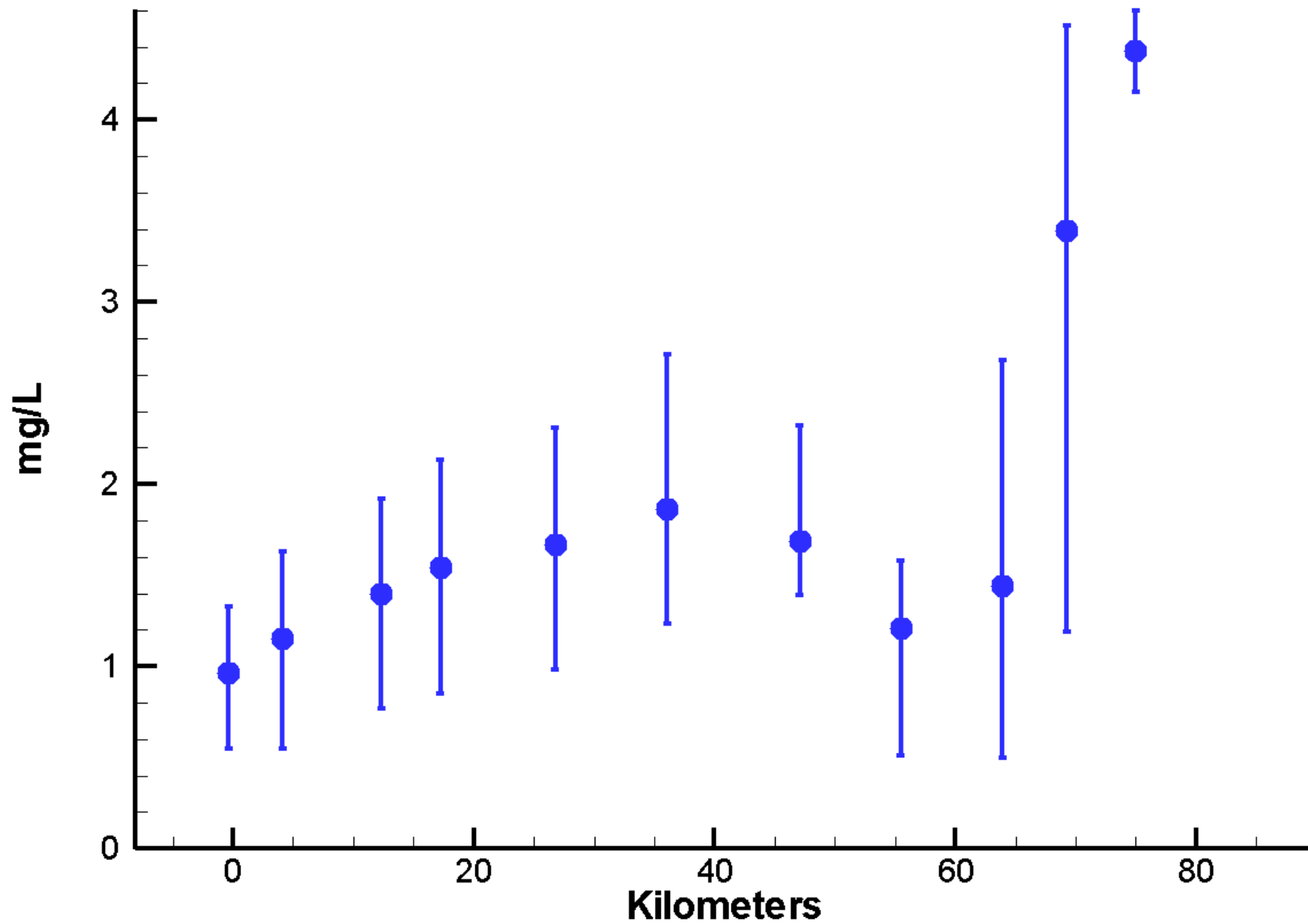
## Bottom Dissolved Silica Fall 1994



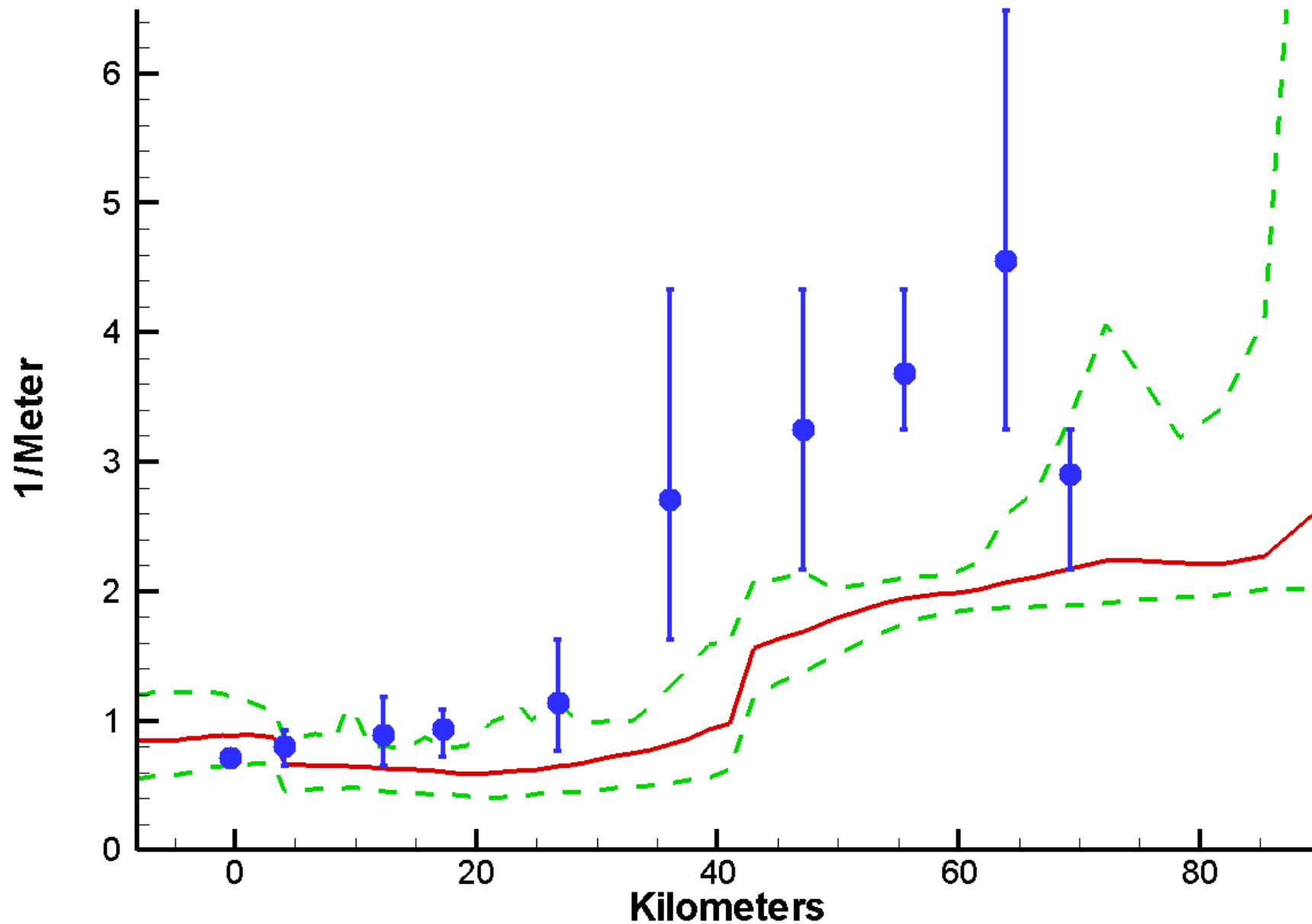


# Patuxent River Ches2015 Run118

## Surface Dissolved Silica Fall 1994

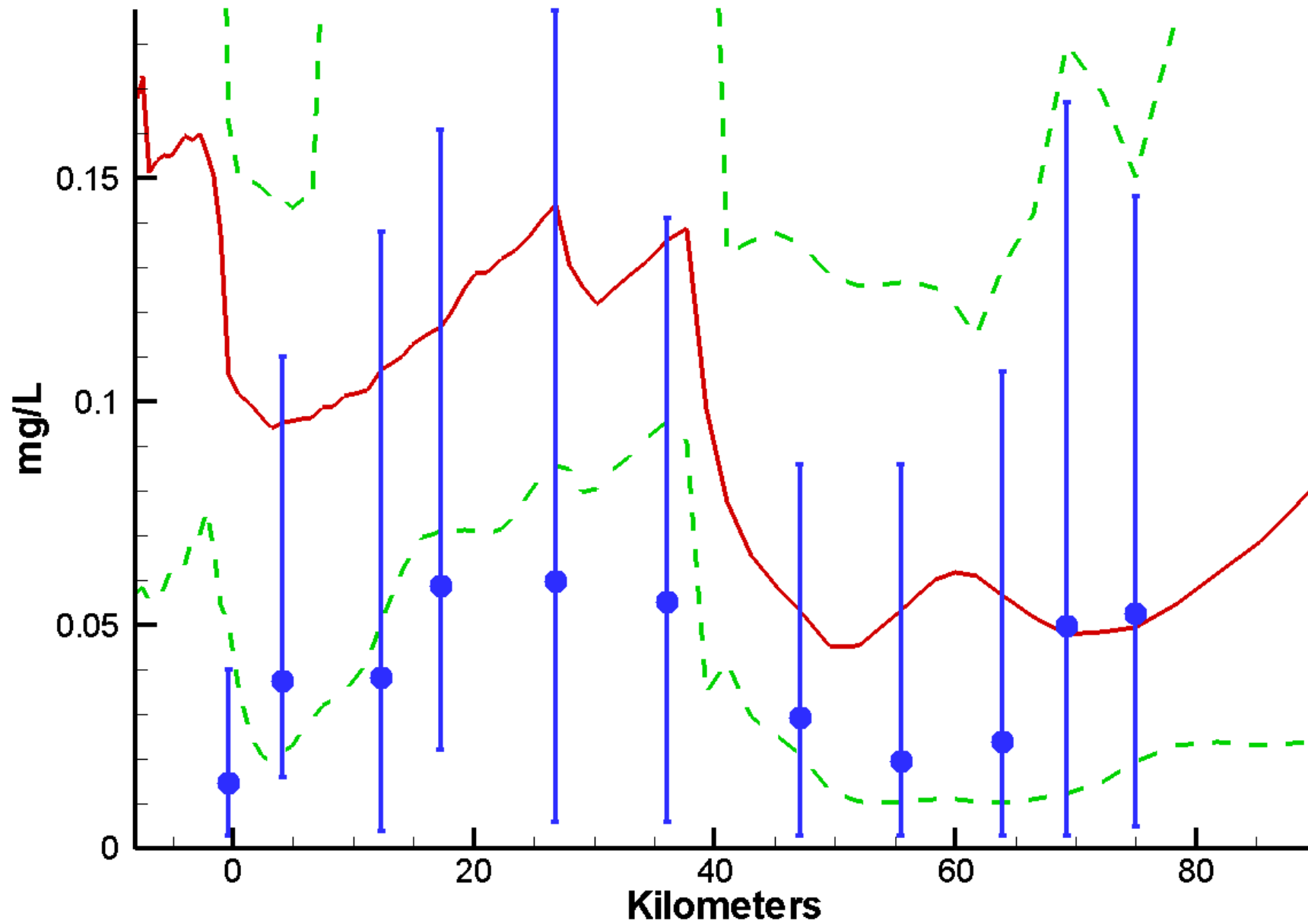


# Patuxent River Ches2015 Run118 Surface Light Extinction Fall 1994



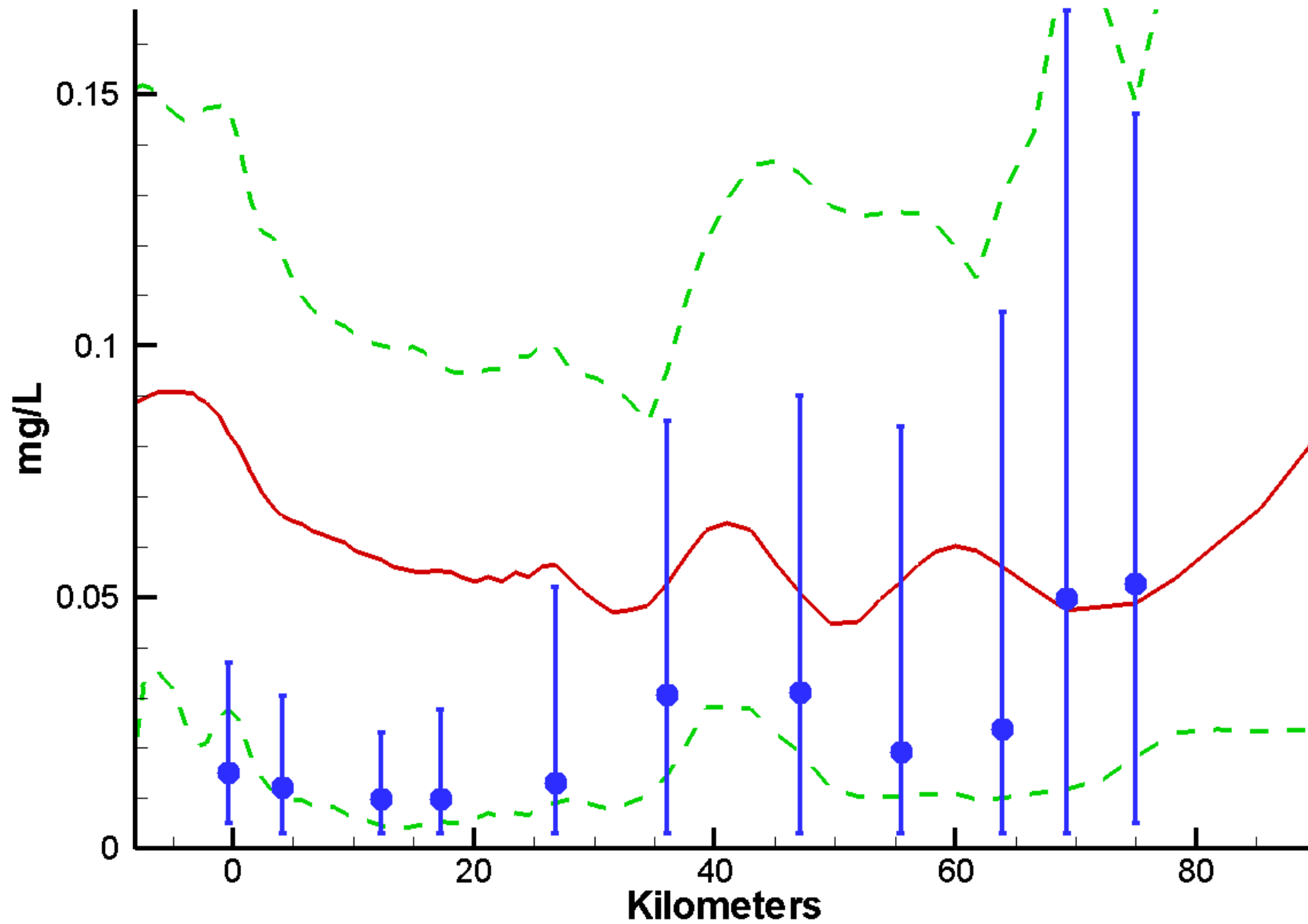
# Patuxent River Ches2015 Run118

## Bottom Ammonium Fall 1994



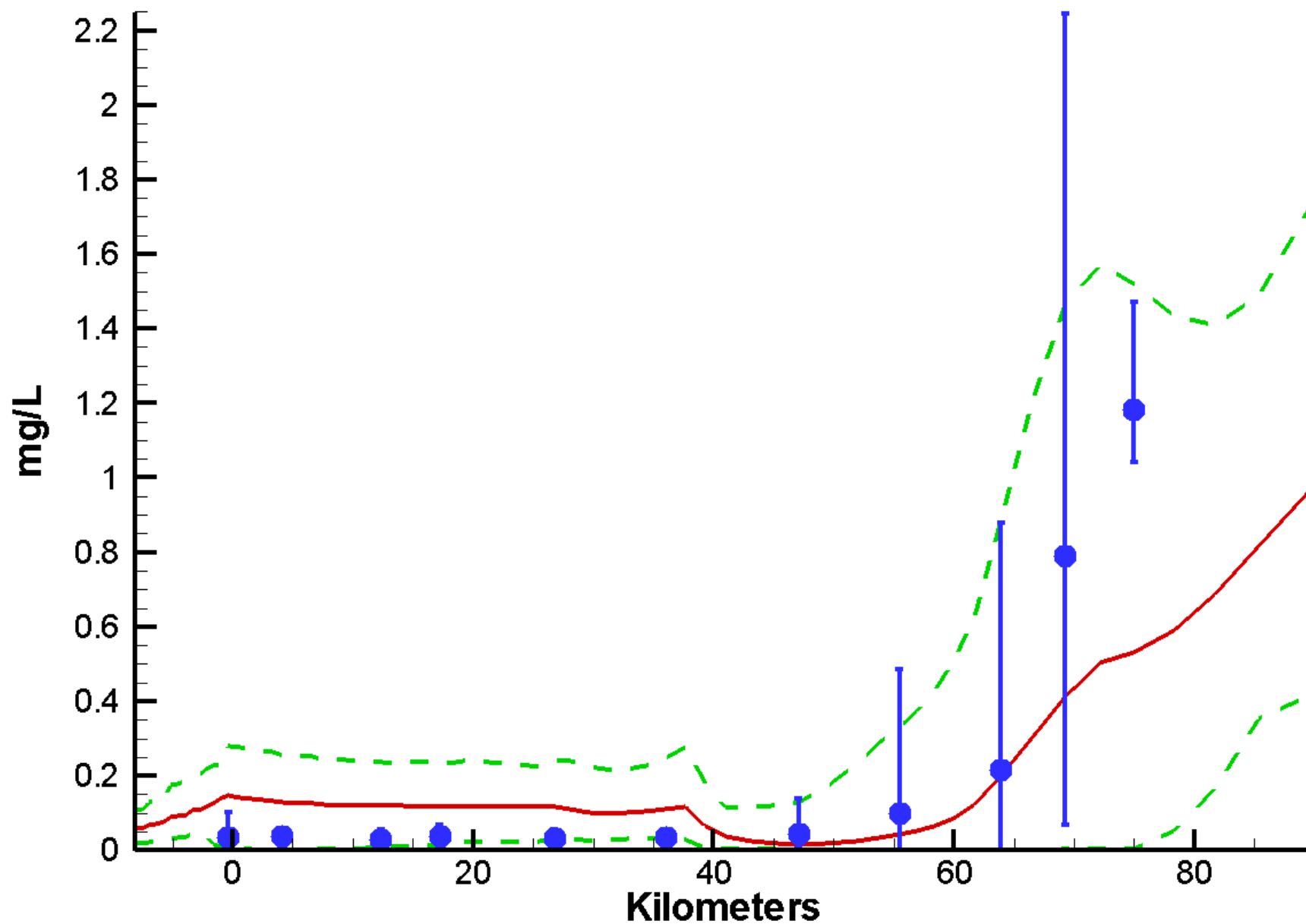
# Patuxent River Ches2015 Run118

## Surface Ammonium Fall 1994



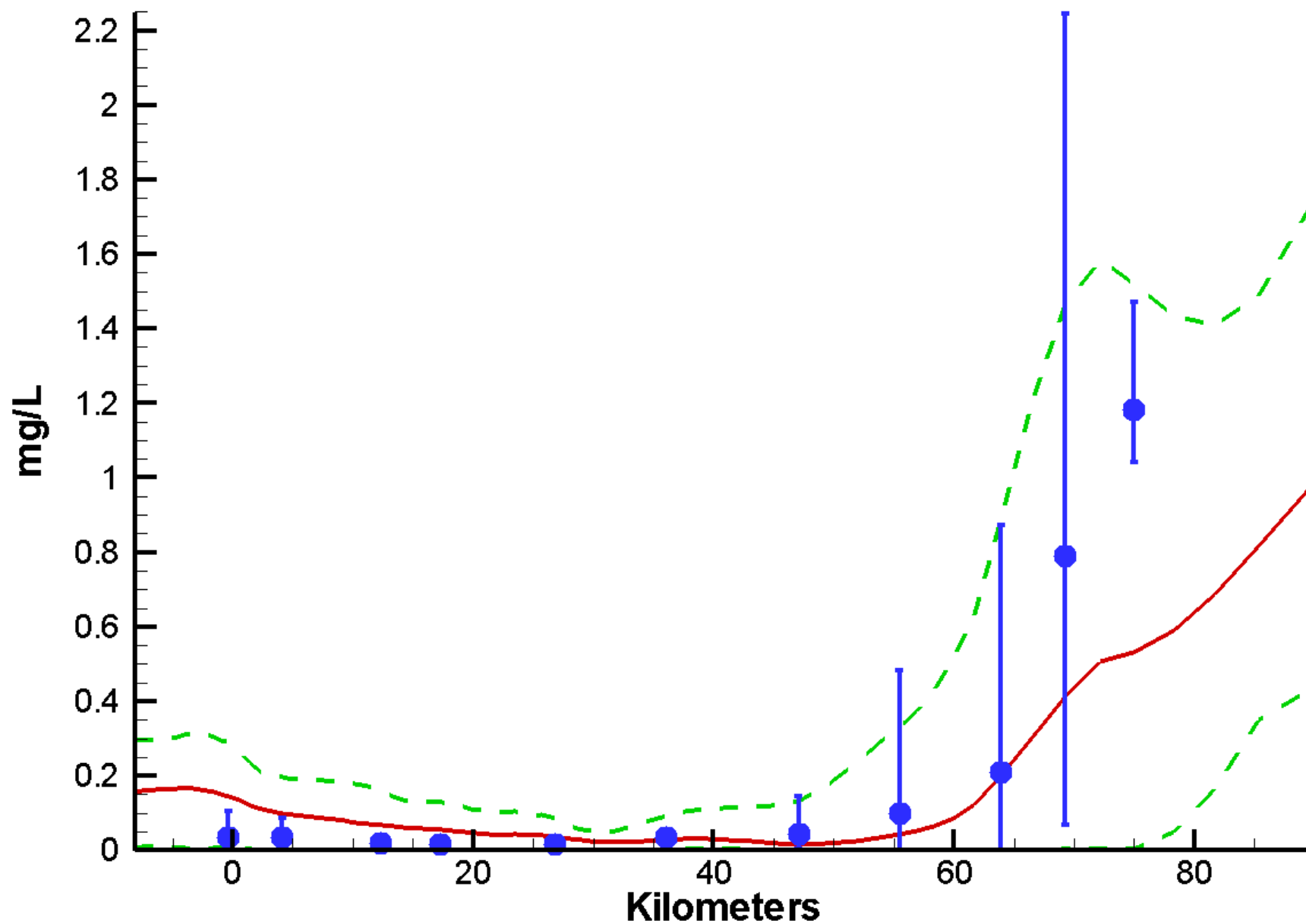
# Patuxent River Ches2015 Run118

## Bottom Nitrate Fall 1994

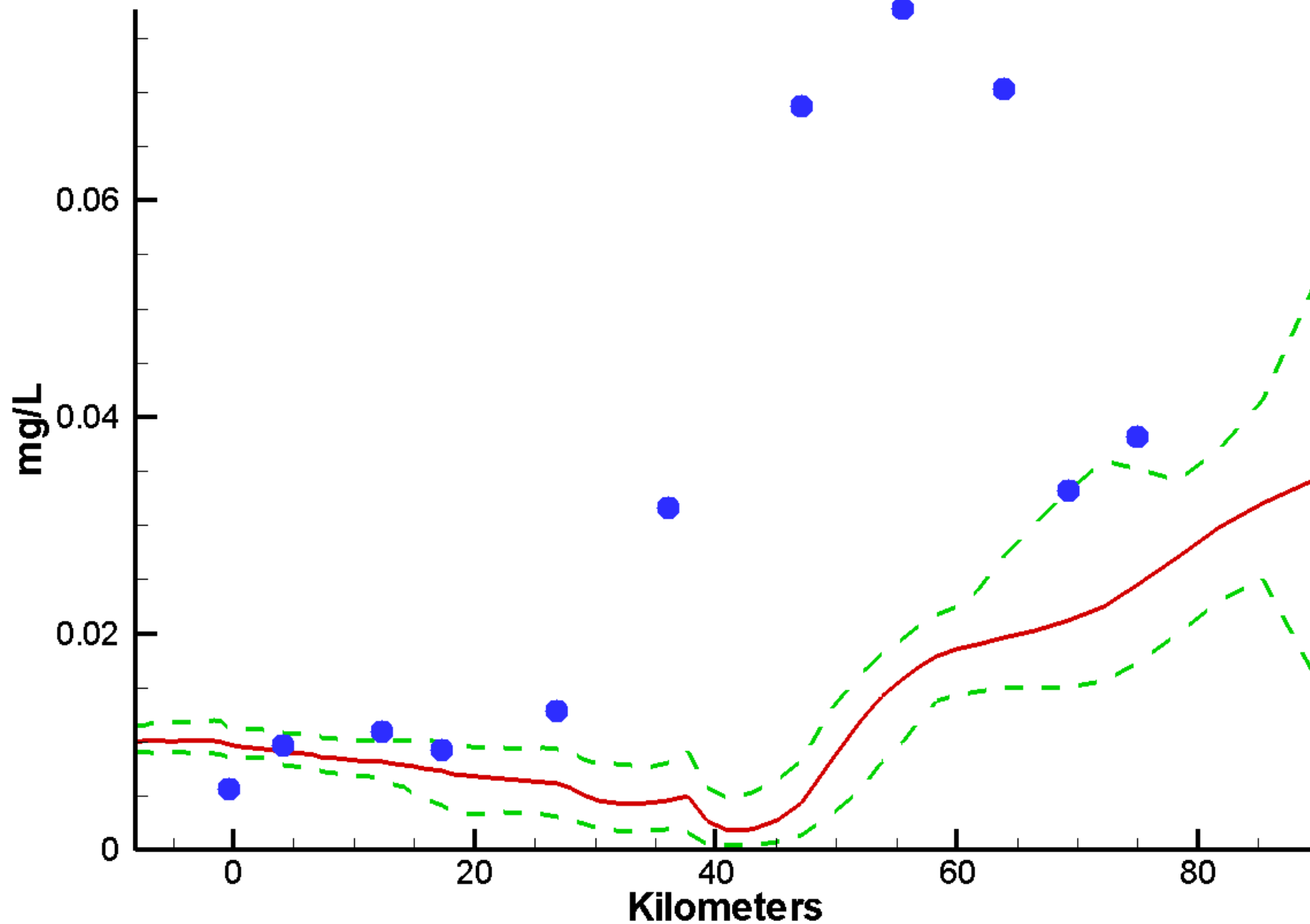


# Patuxent River Ches2015 Run118

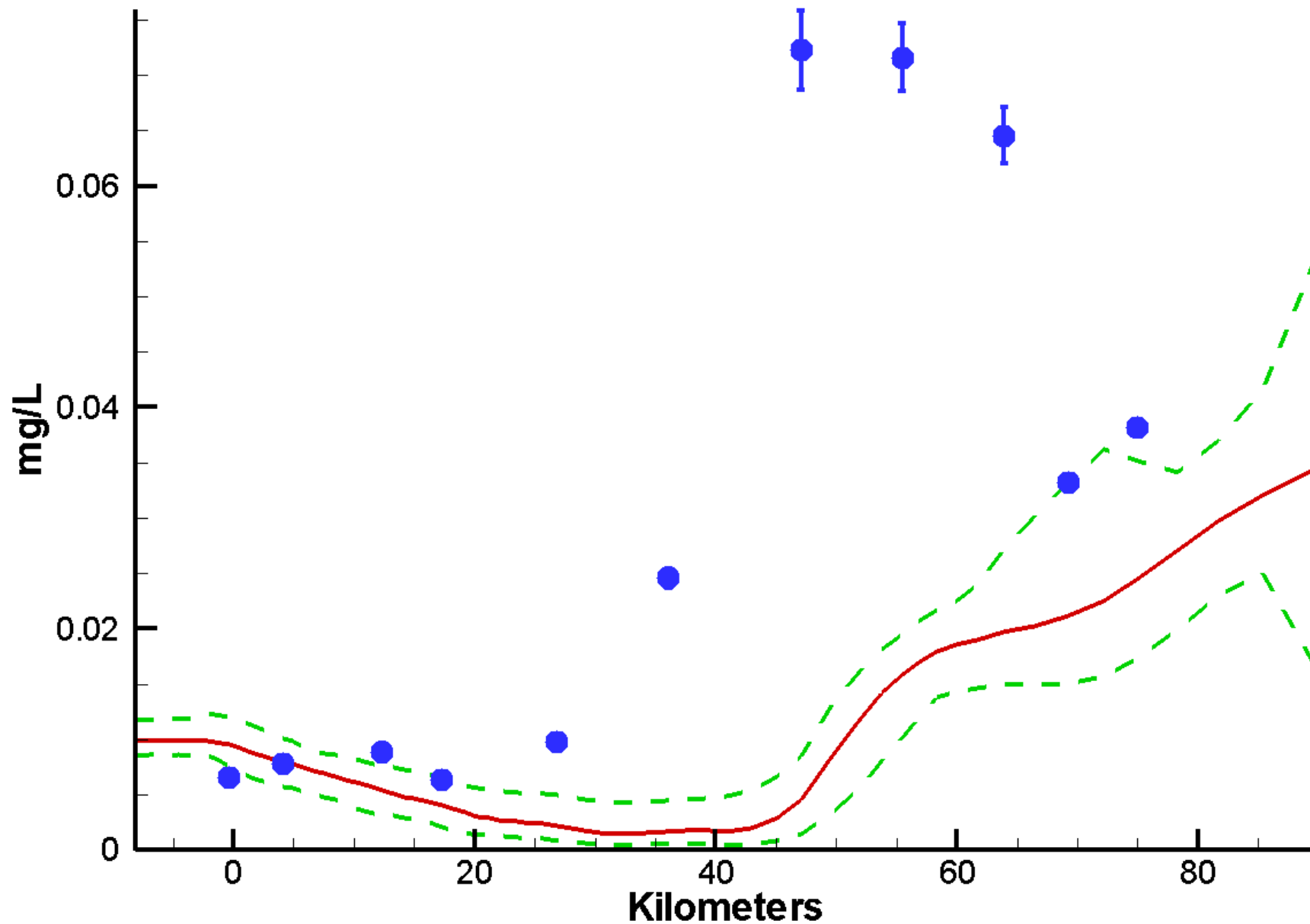
## Surface Nitrate Fall 1994



**Patuxent River Ches2015 Run118**  
**Bottom Particulate Inorganic Phosphorus Fall 1994**



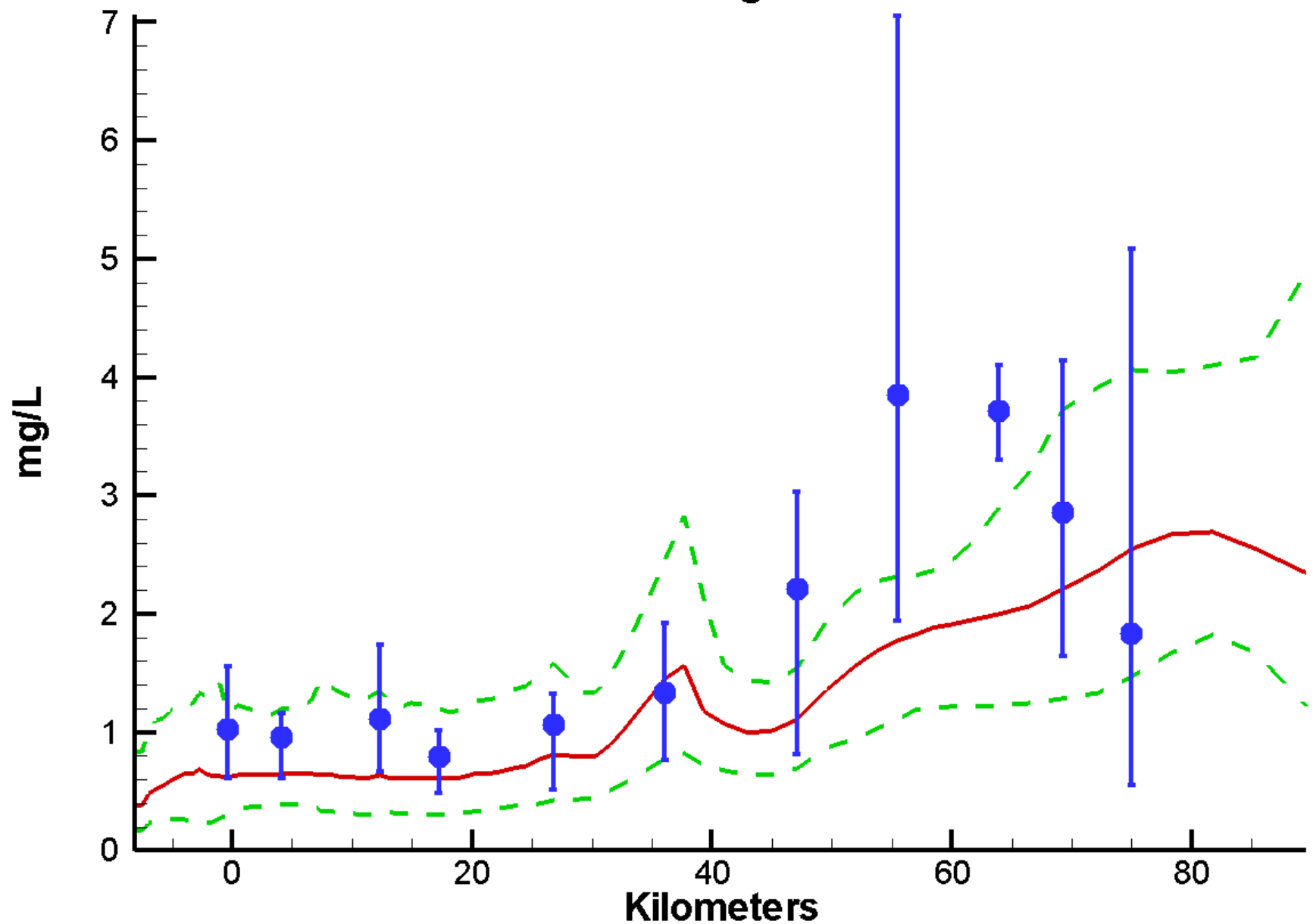
**Patuxent River Ches2015 Run118**  
**Surface Particulate Inorganic Phosphorus Fall 1994**





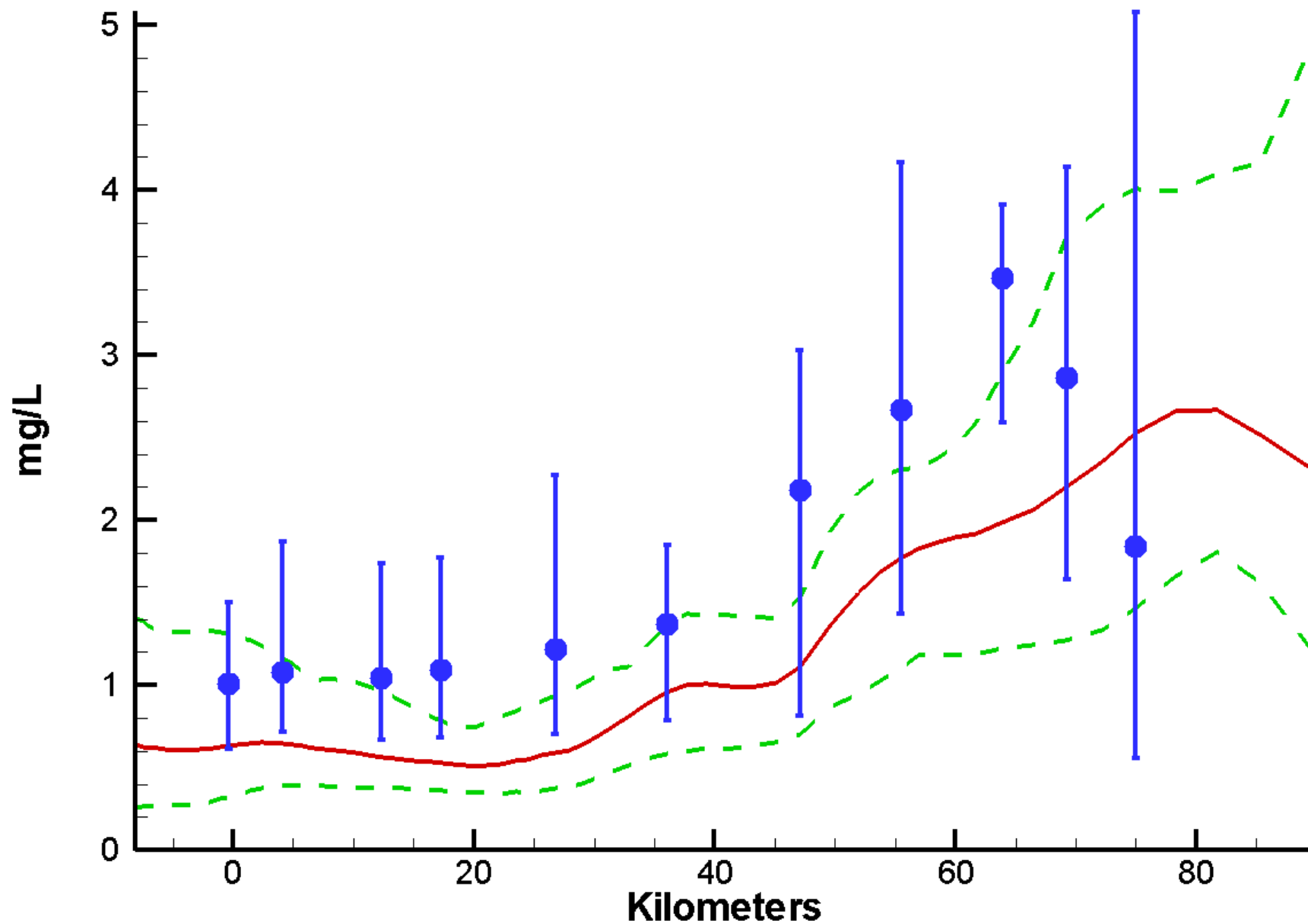
# Patuxent River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1994



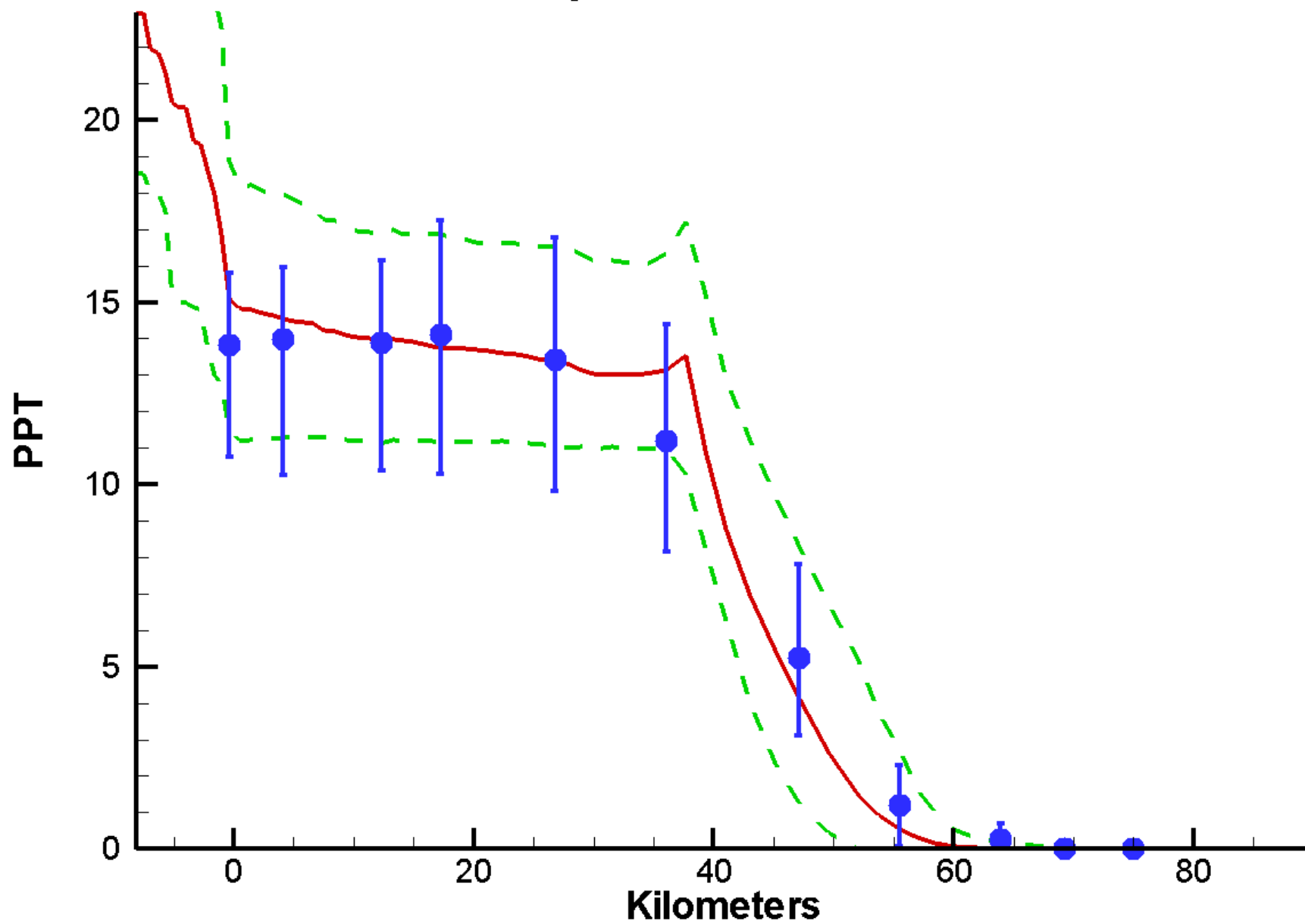
# Patuxent River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1994



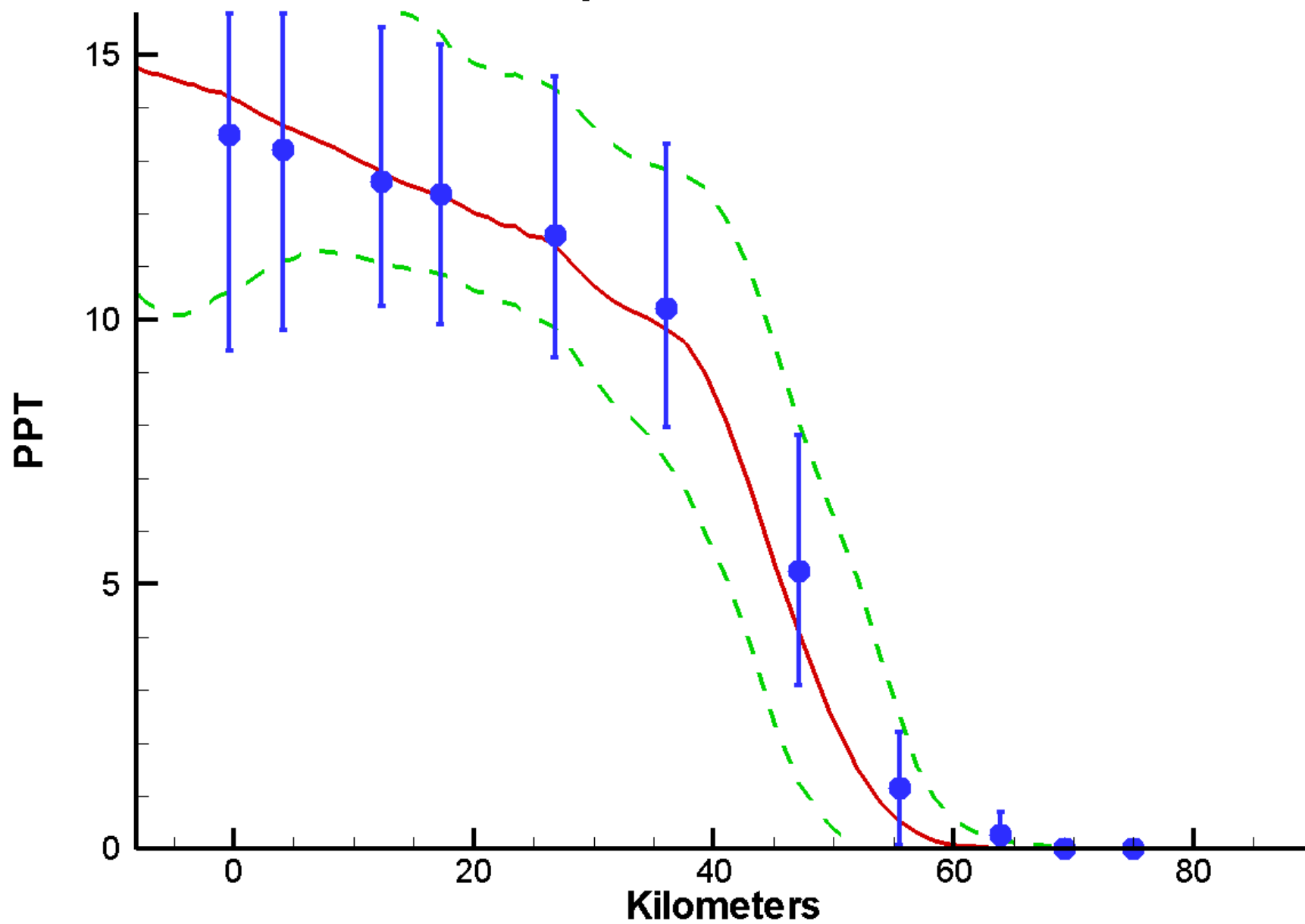
# Patuxent River Ches2015 Run118

## Bottom Salinity Fall 1994



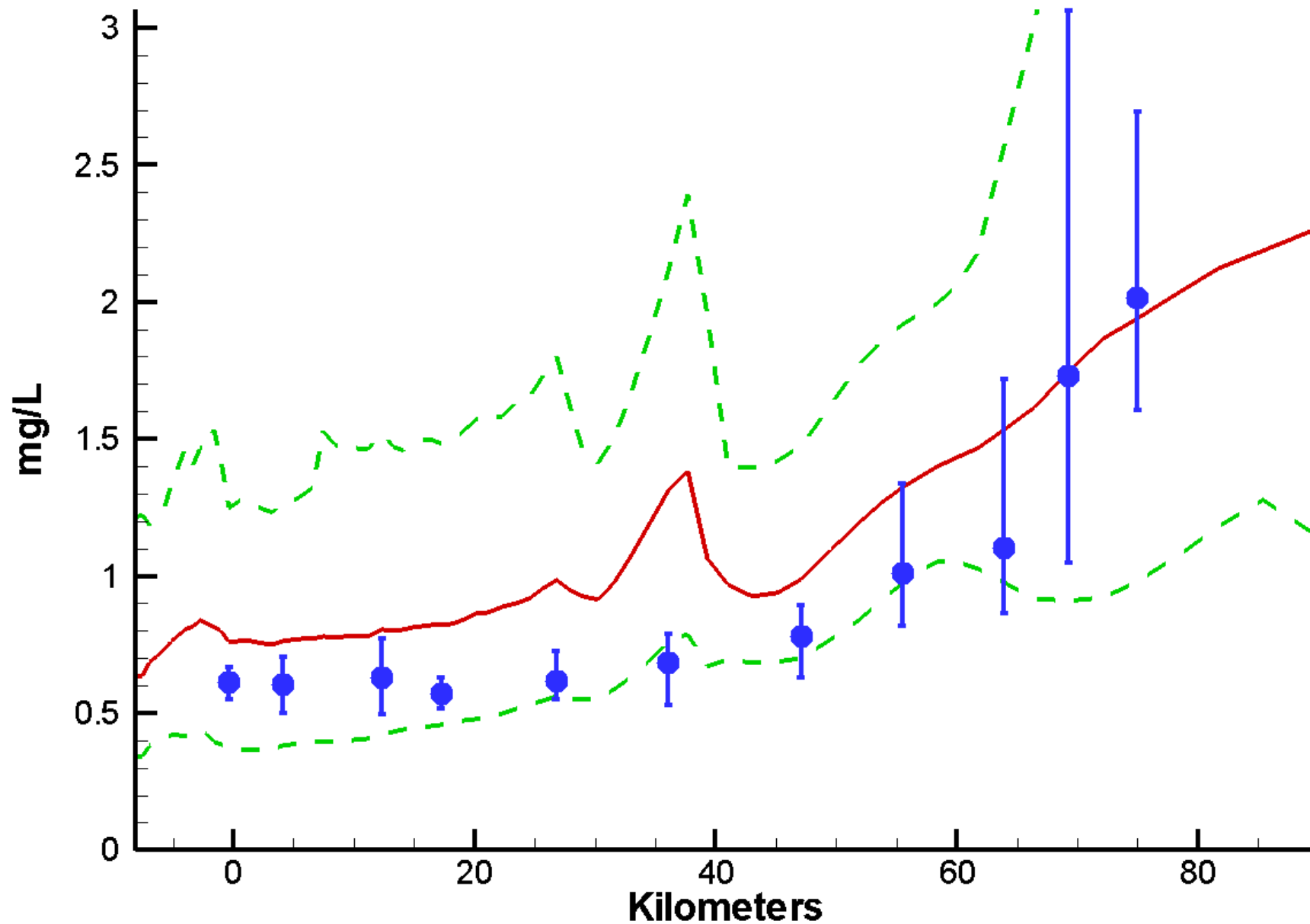
# Patuxent River Ches2015 Run118

## Surface Salinity Fall 1994



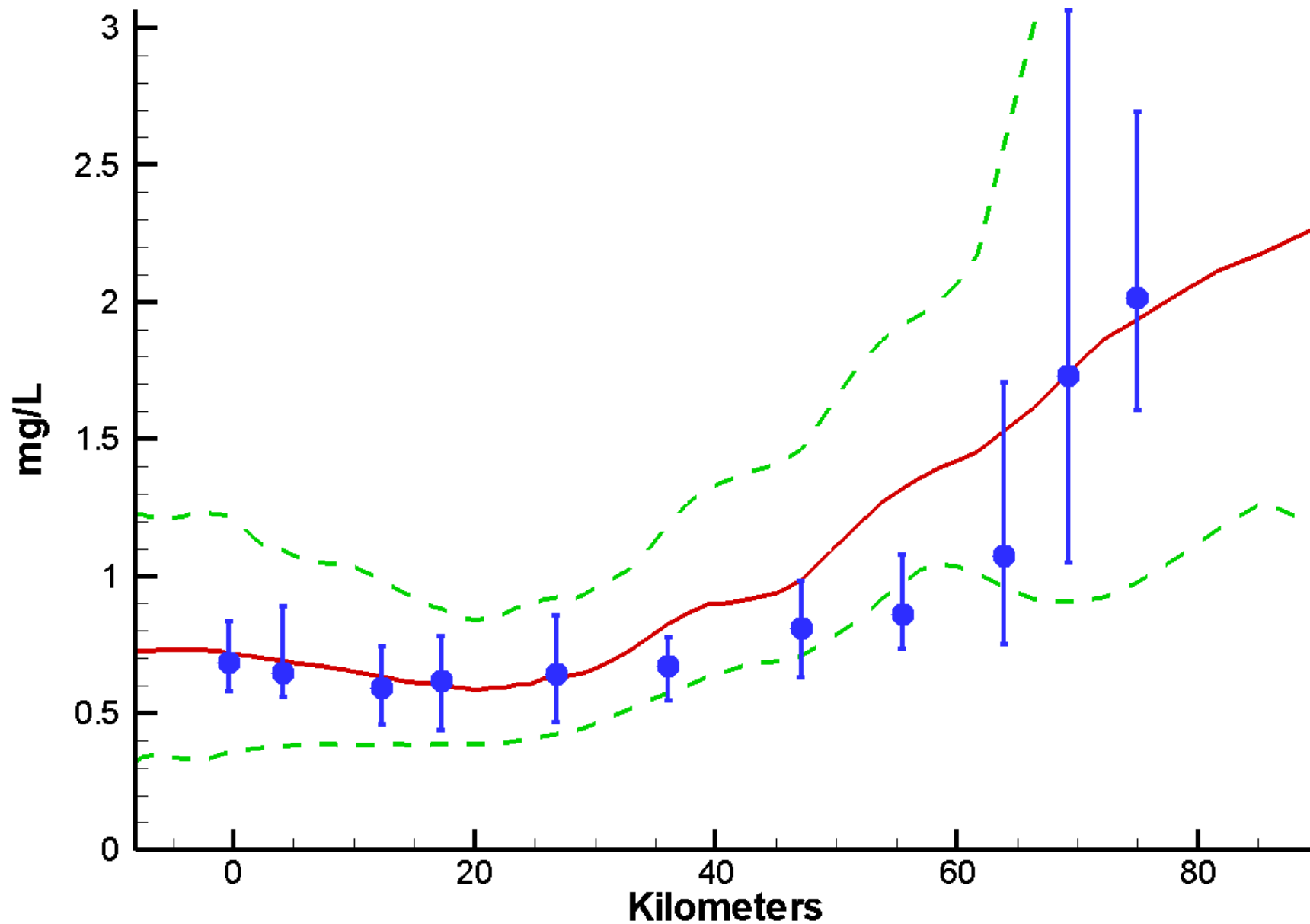
# Patuxent River Ches2015 Run118

## Bottom Total Nitrogen Fall 1994



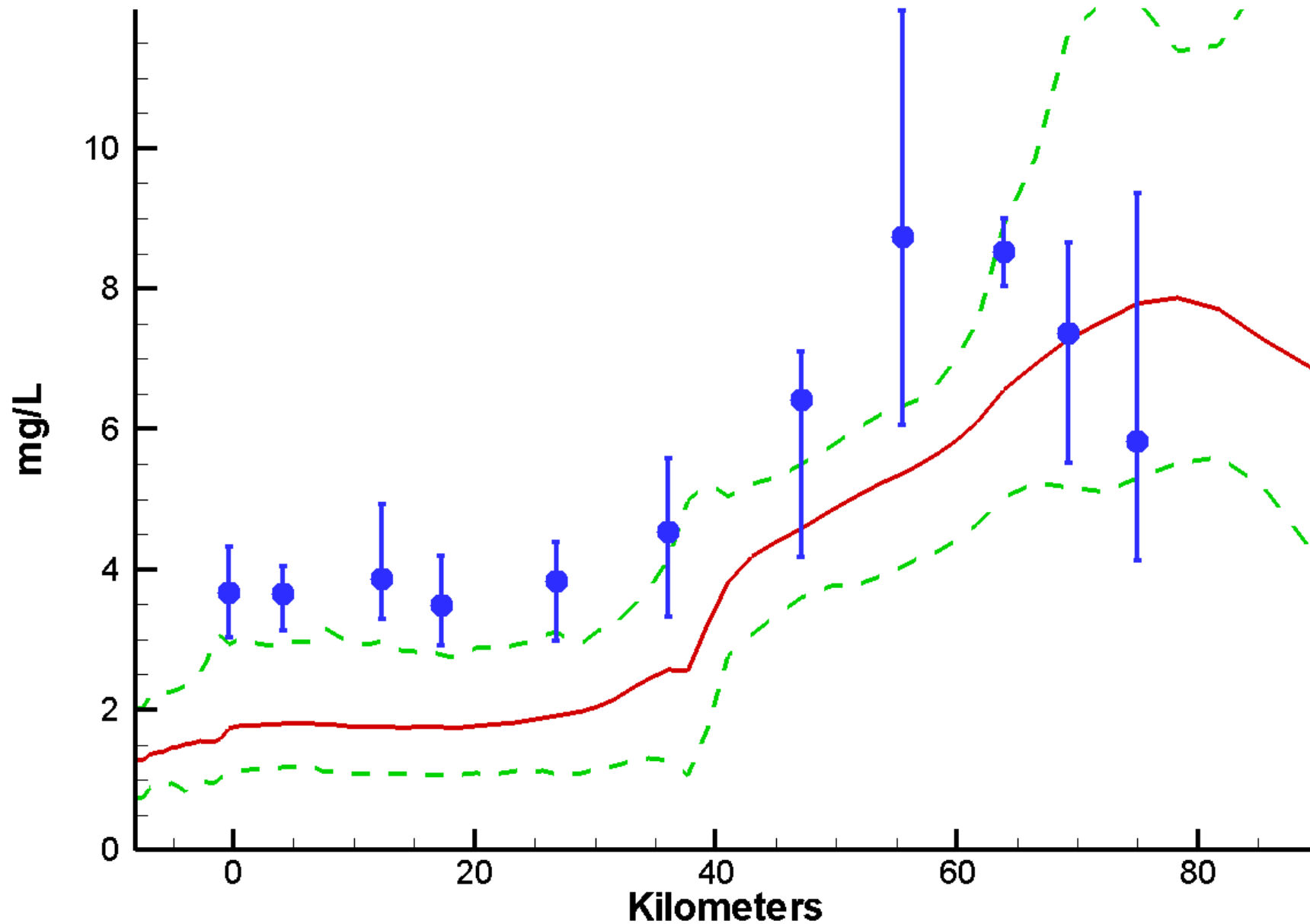
# Patuxent River Ches2015 Run118

## Surface Total Nitrogen Fall 1994



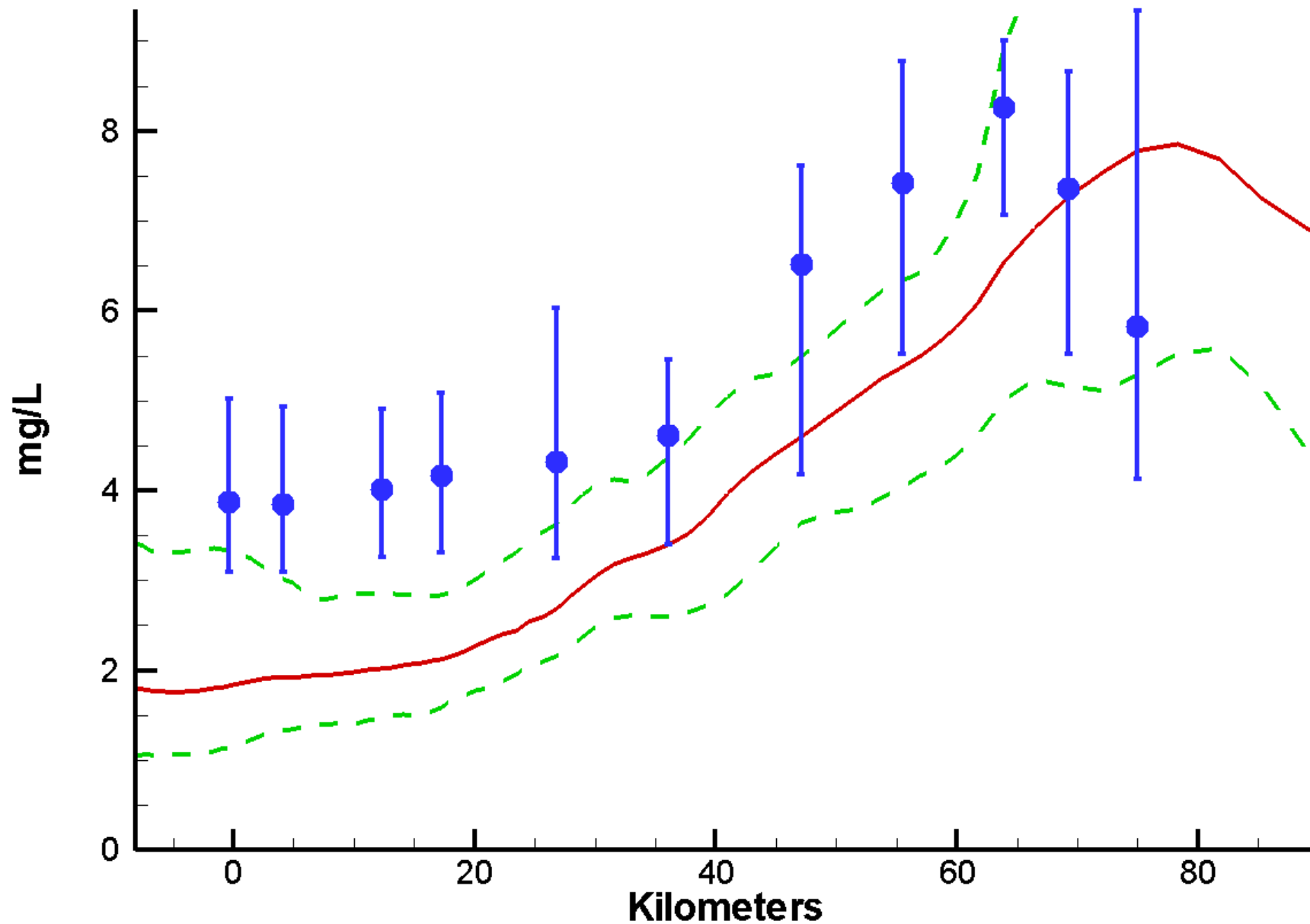
# Patuxent River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1994



# Patuxent River Ches2015 Run118

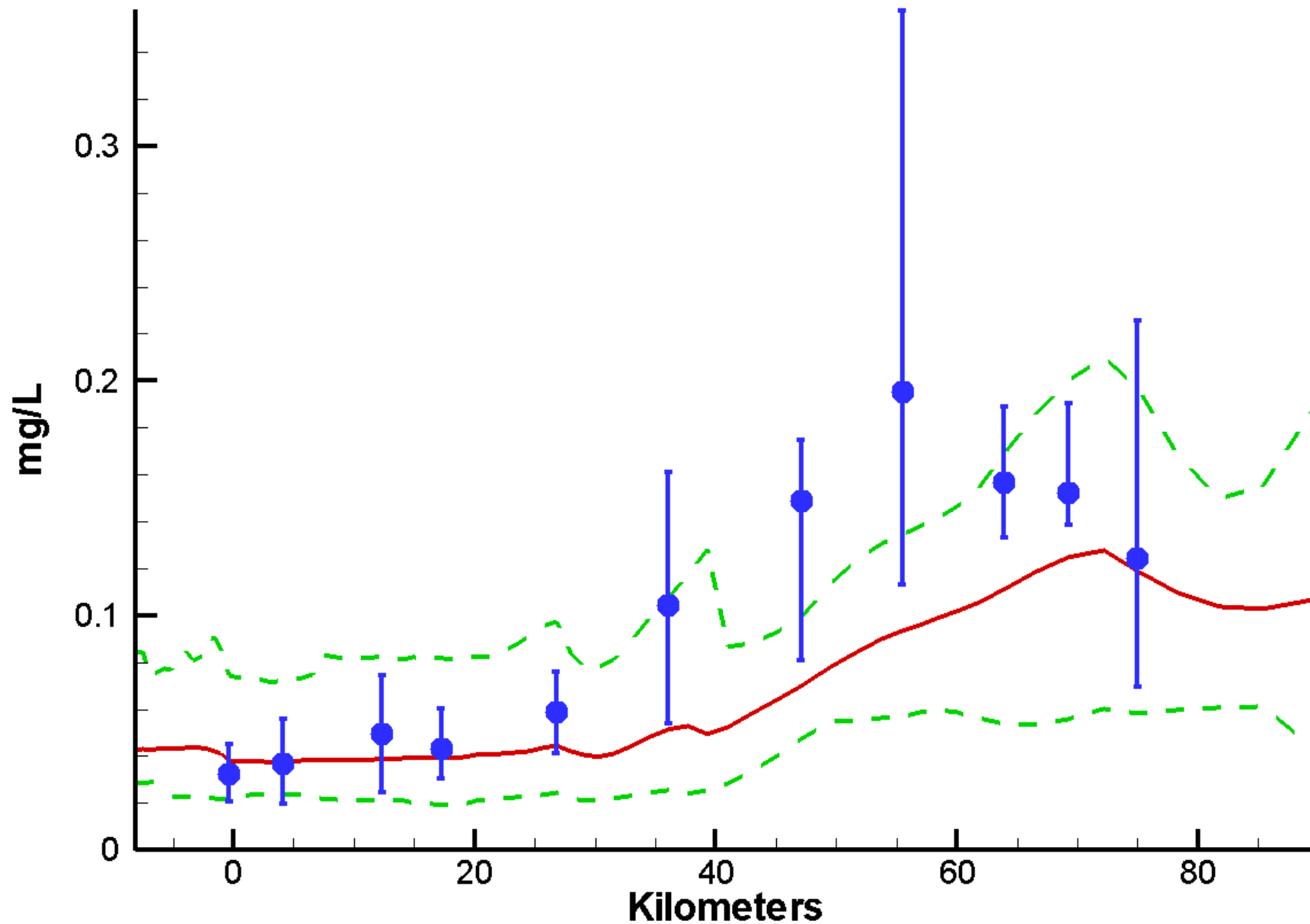
## Surface Total Organic Carbon Fall 1994





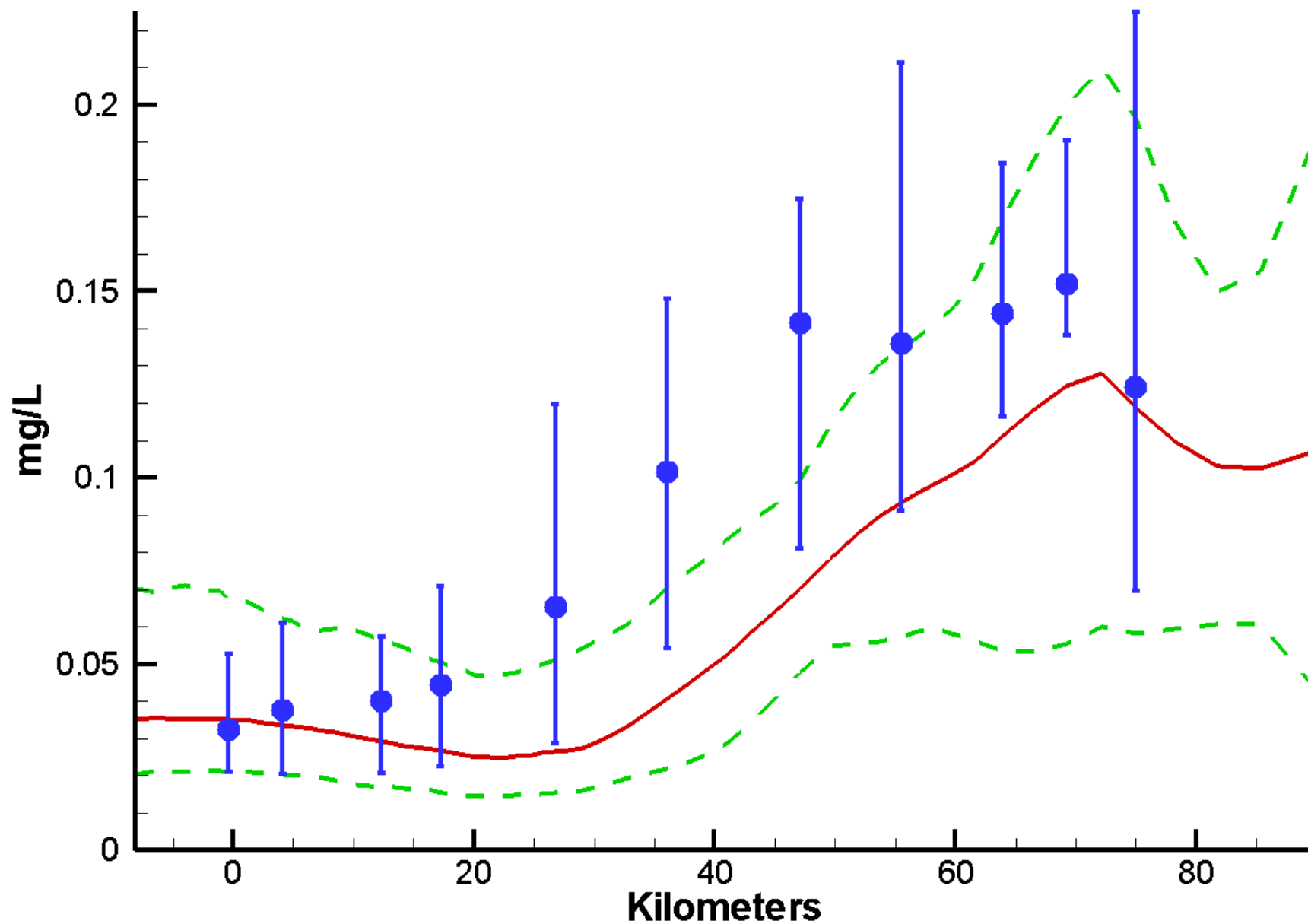
# Patuxent River Ches2015 Run118

## Bottom Total Phosphorus Fall 1994



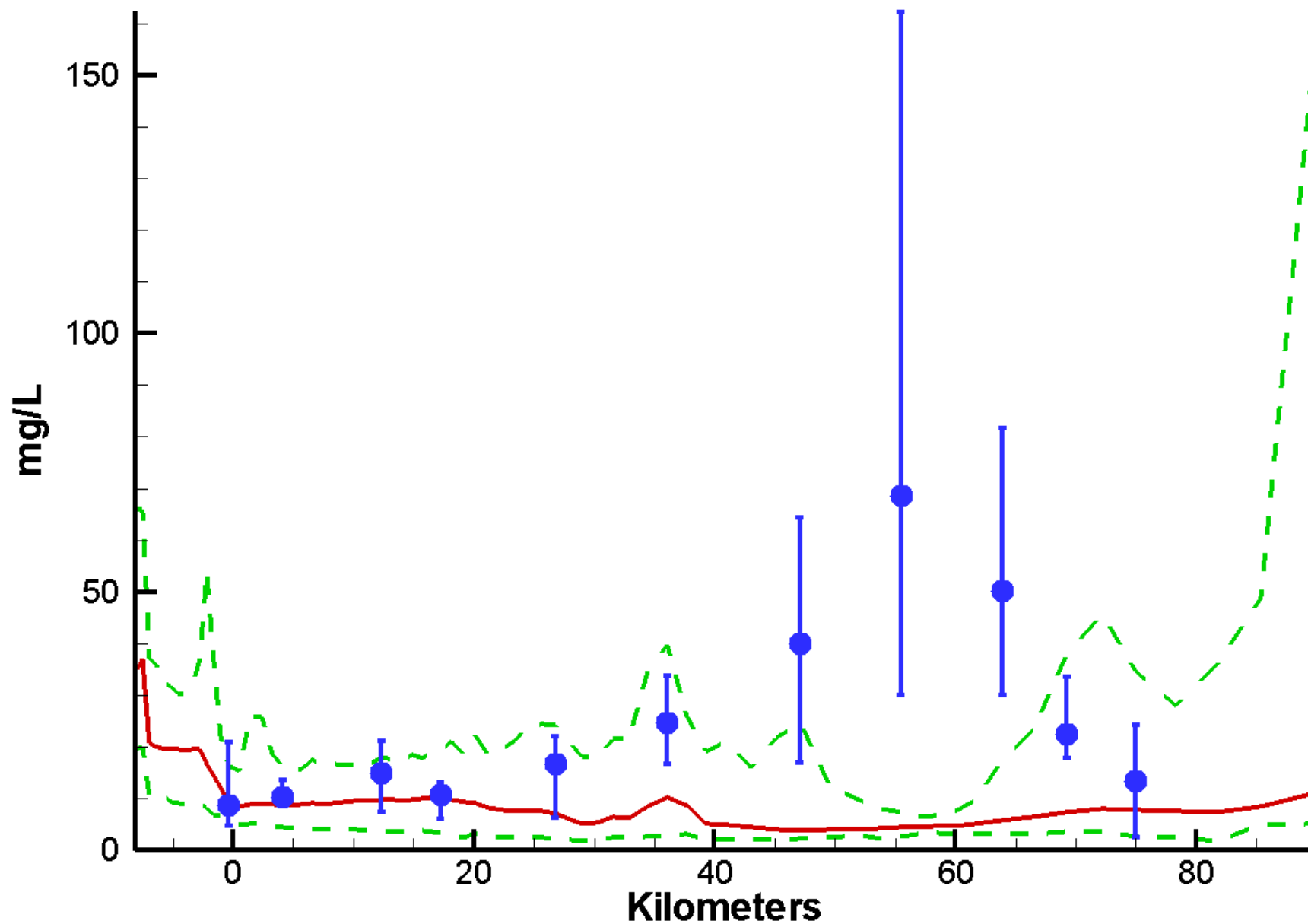
# Patuxent River Ches2015 Run118

## Surface Total Phosphorus Fall 1994



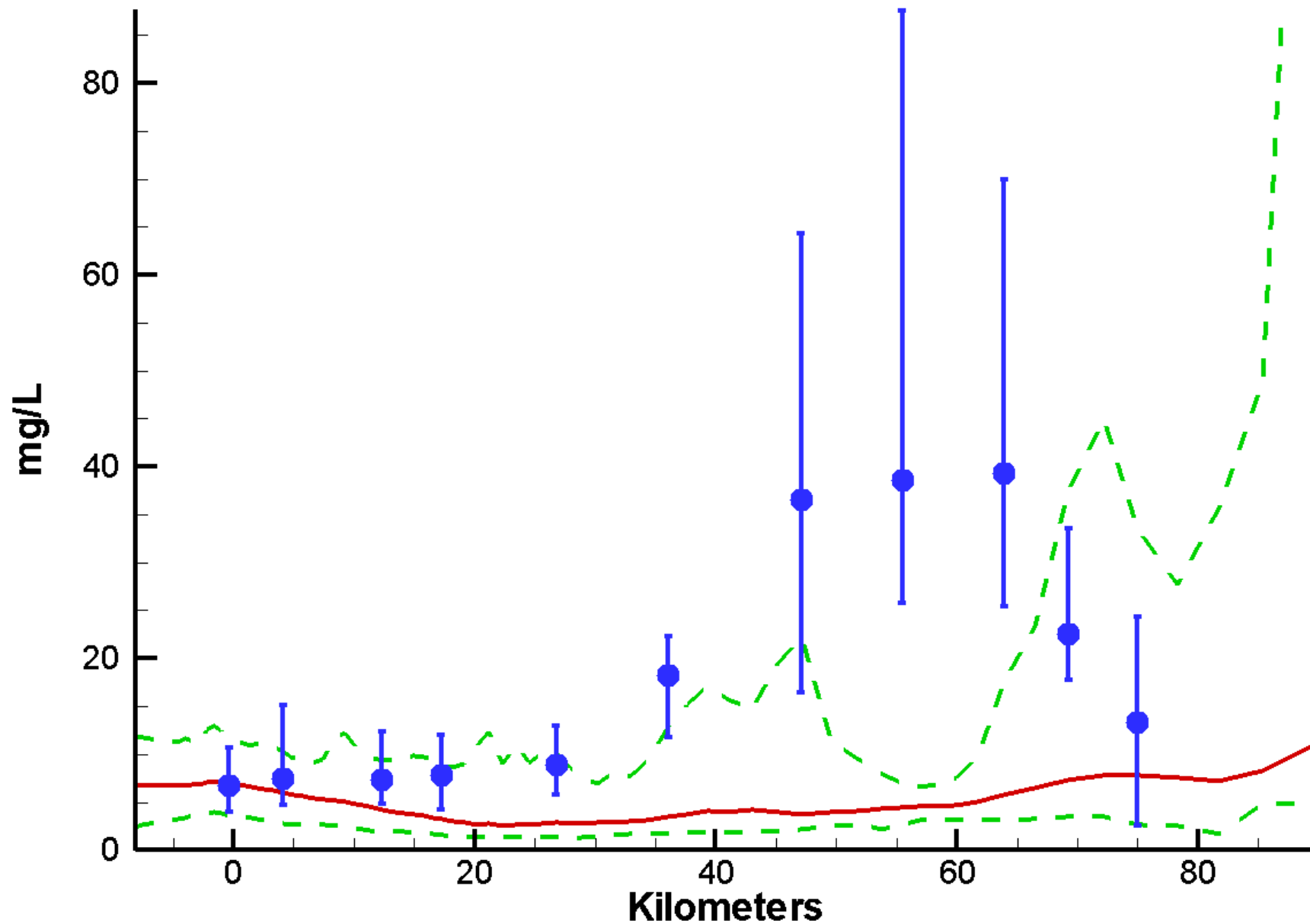
# Patuxent River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1994



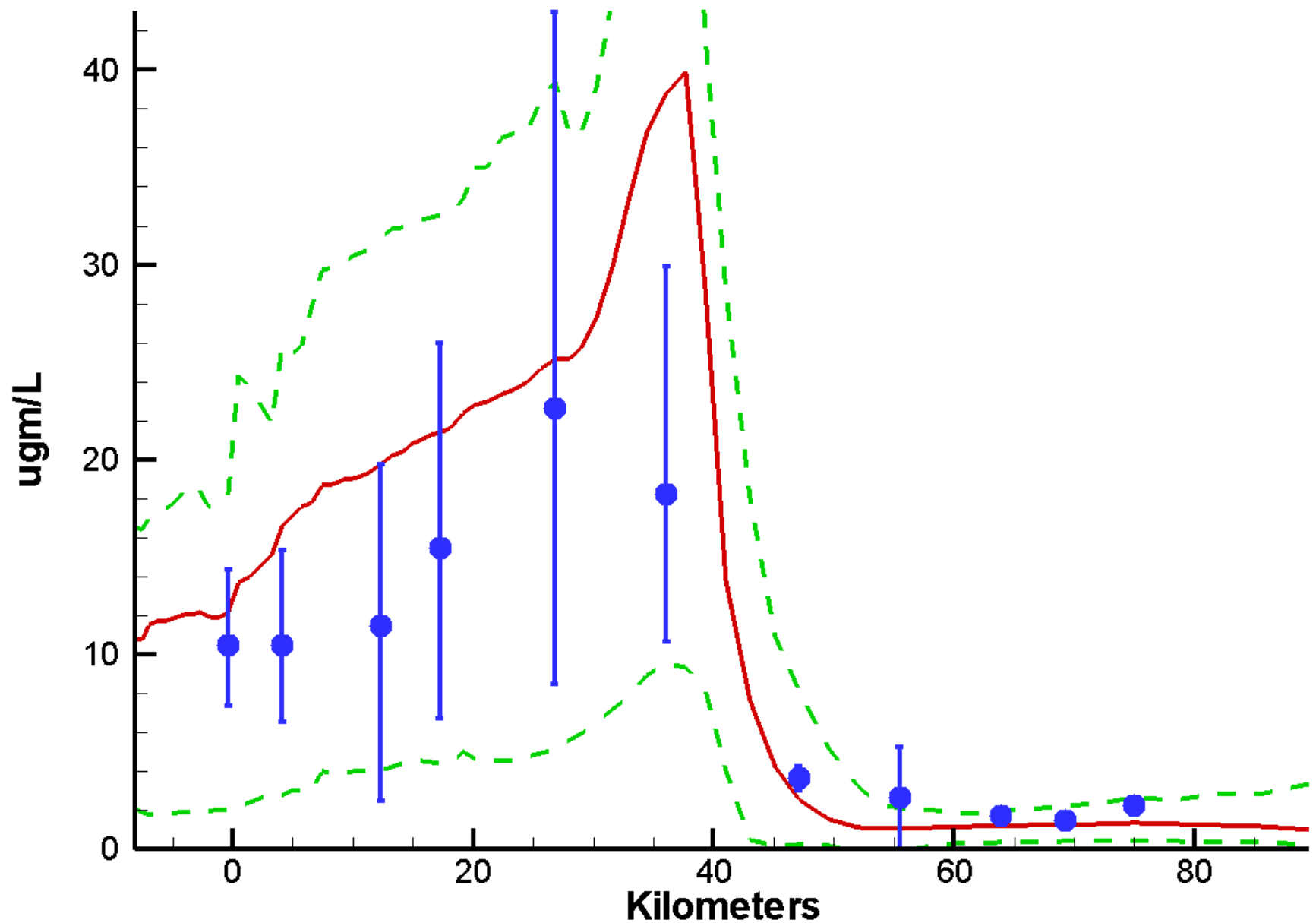
# Patuxent River Ches2015 Run118

## Surface Total Suspended Solids Fall 1994



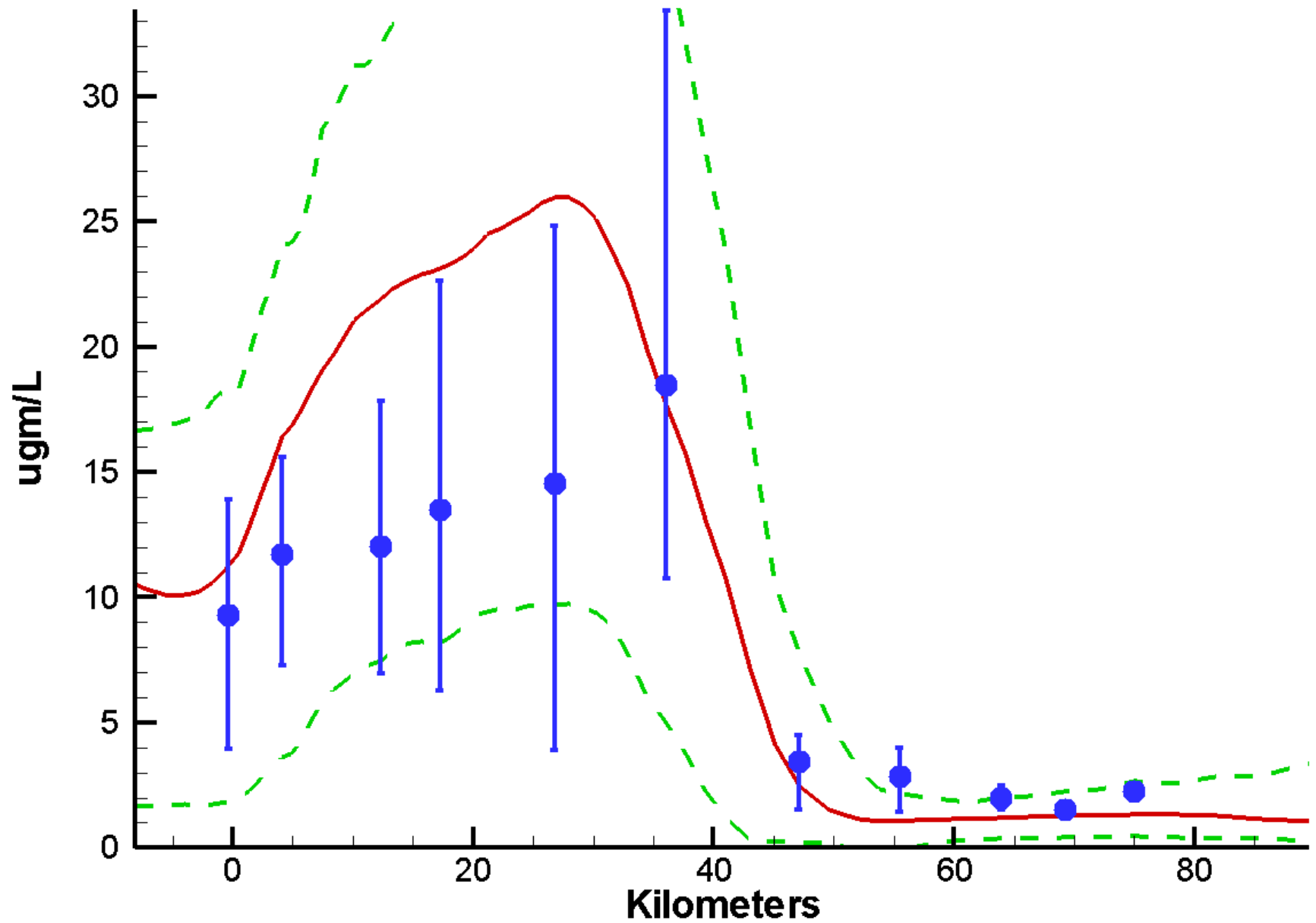
# Patuxent River Ches2015 Run118

## Bottom Chlorophyll Winter 1996



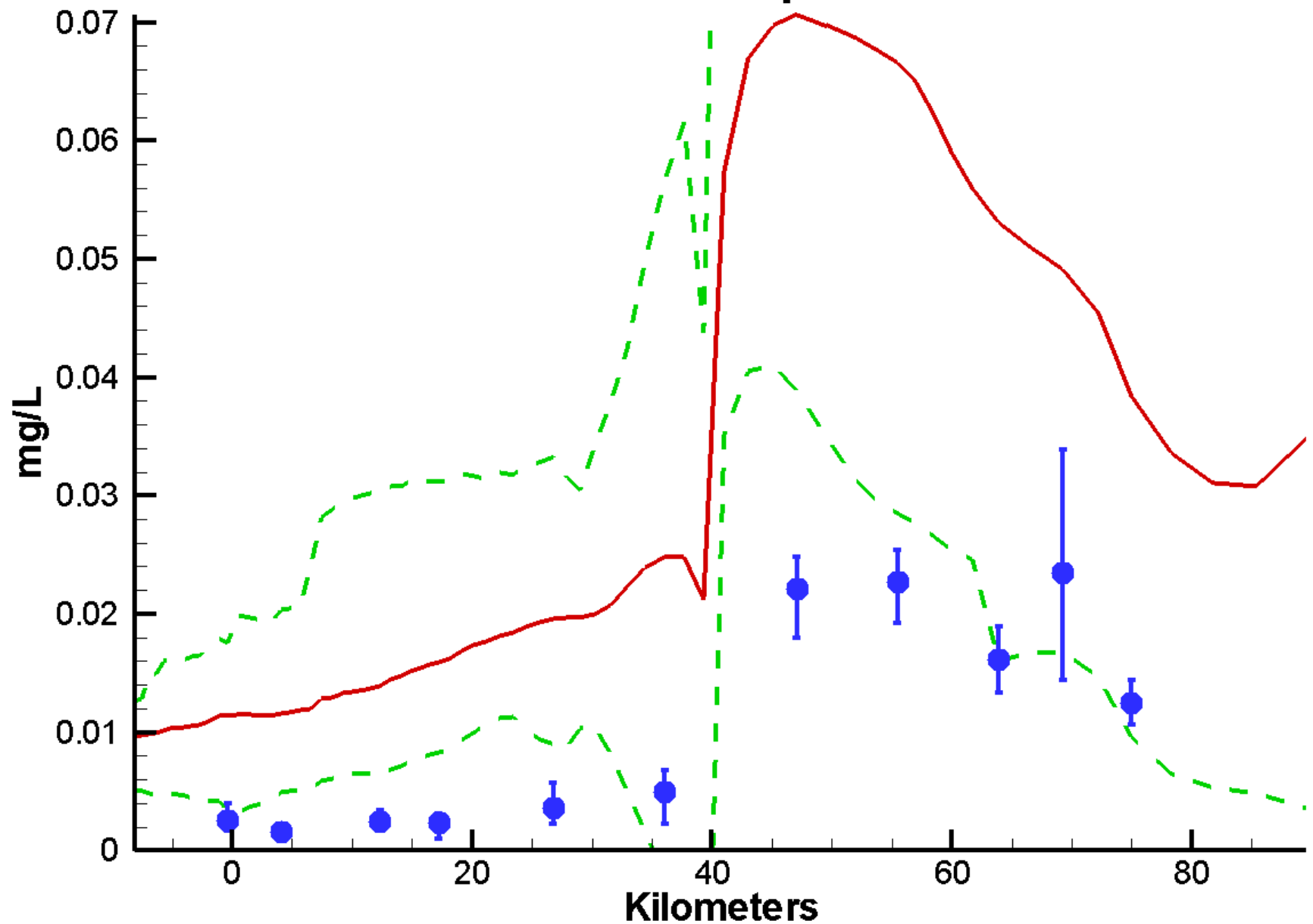
# Patuxent River Ches2015 Run118

## Surface Chlorophyll Winter 1996



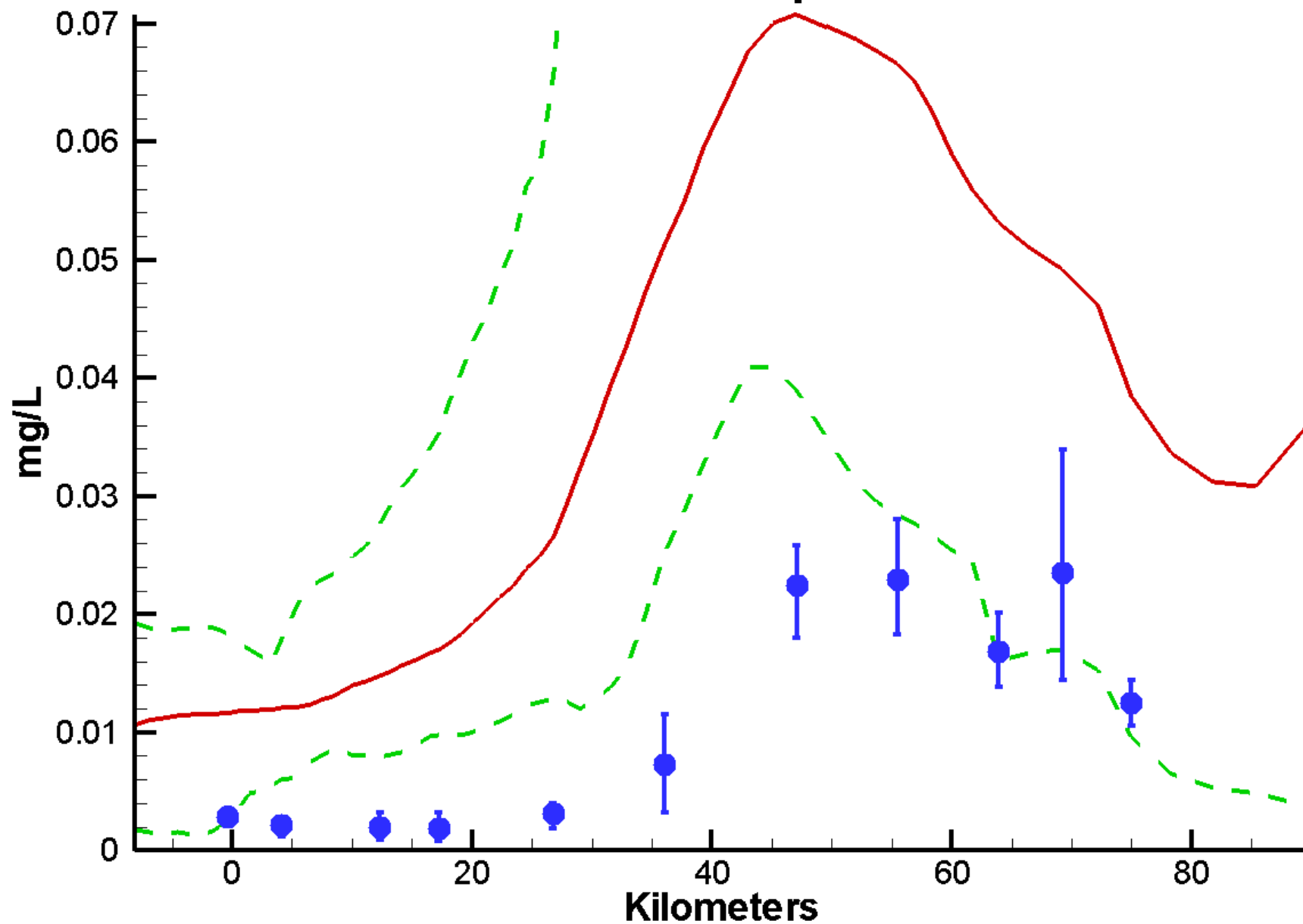
# Patuxent River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1996



# Patuxent River Ches2015 Run118

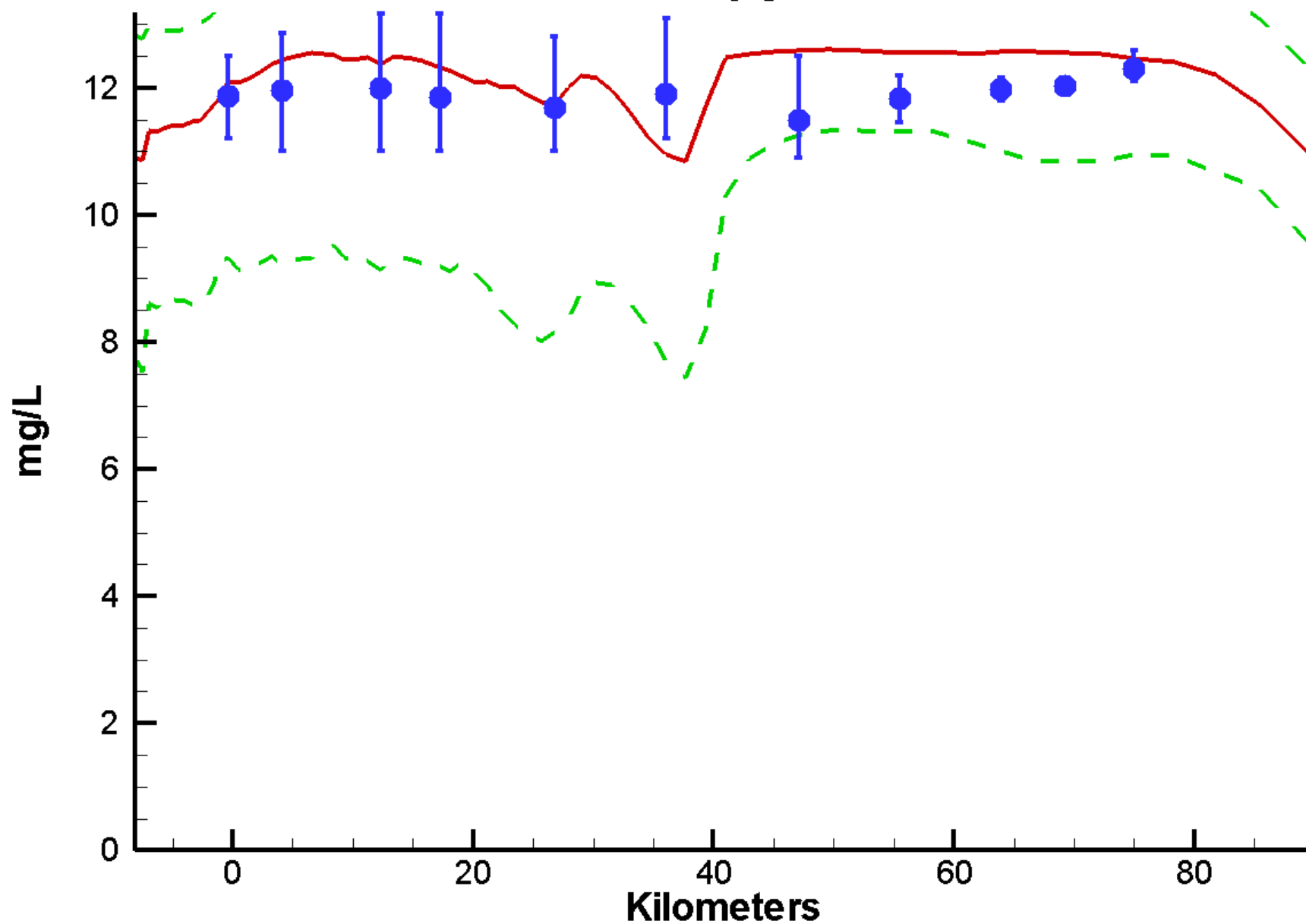
## Surface Dissolved Phosphate Winter 1996





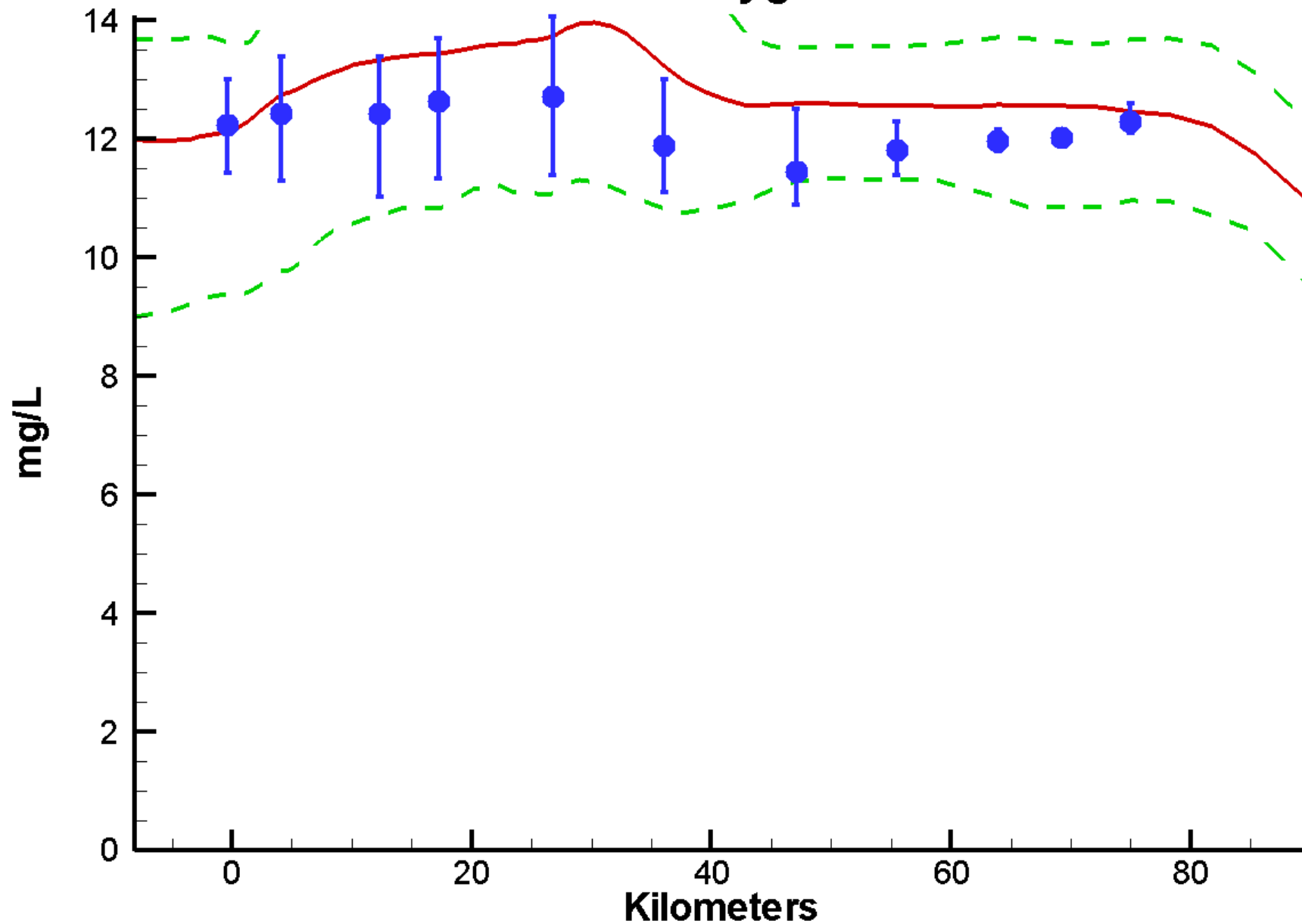
# Patuxent River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1996



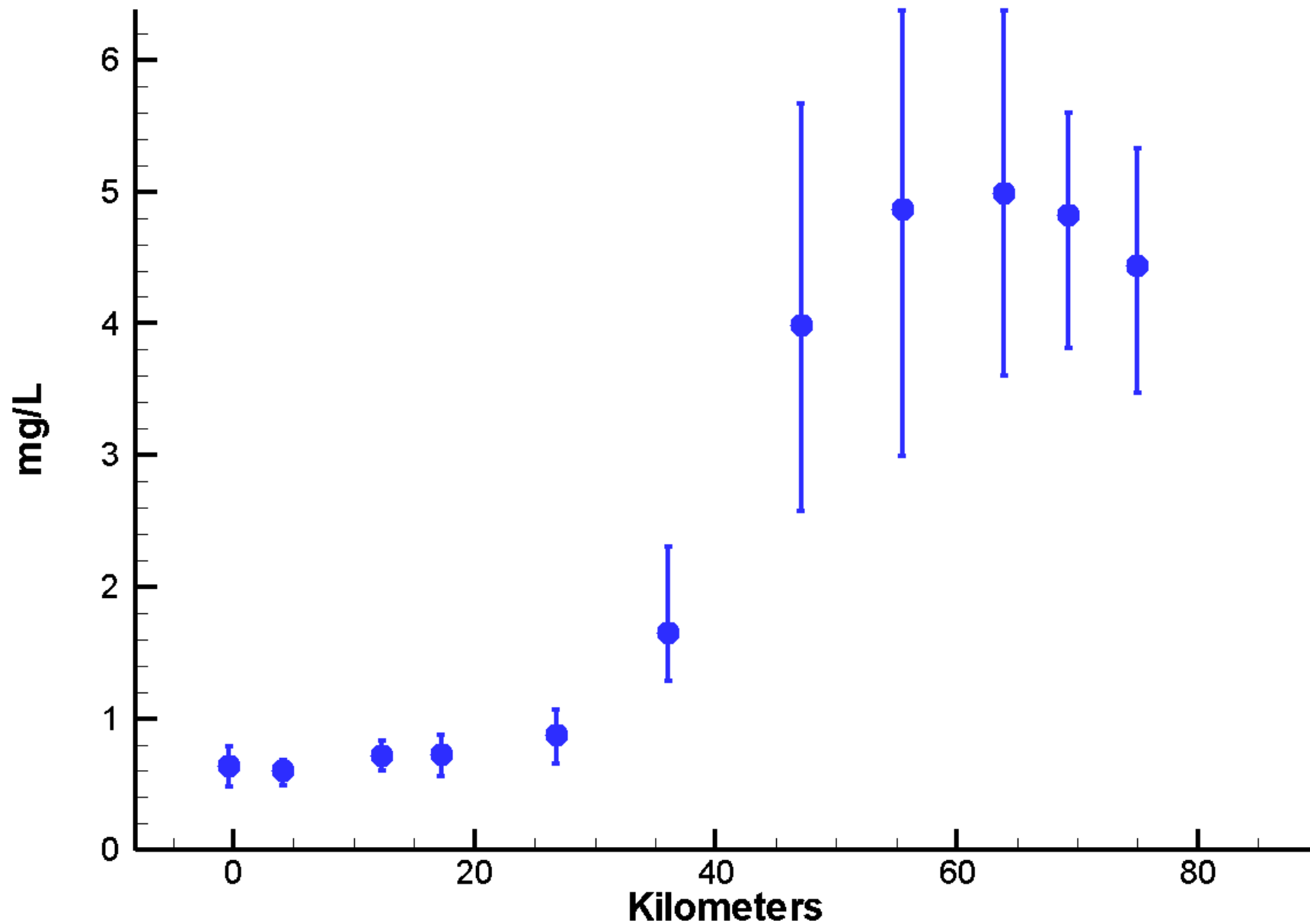
# Patuxent River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1996



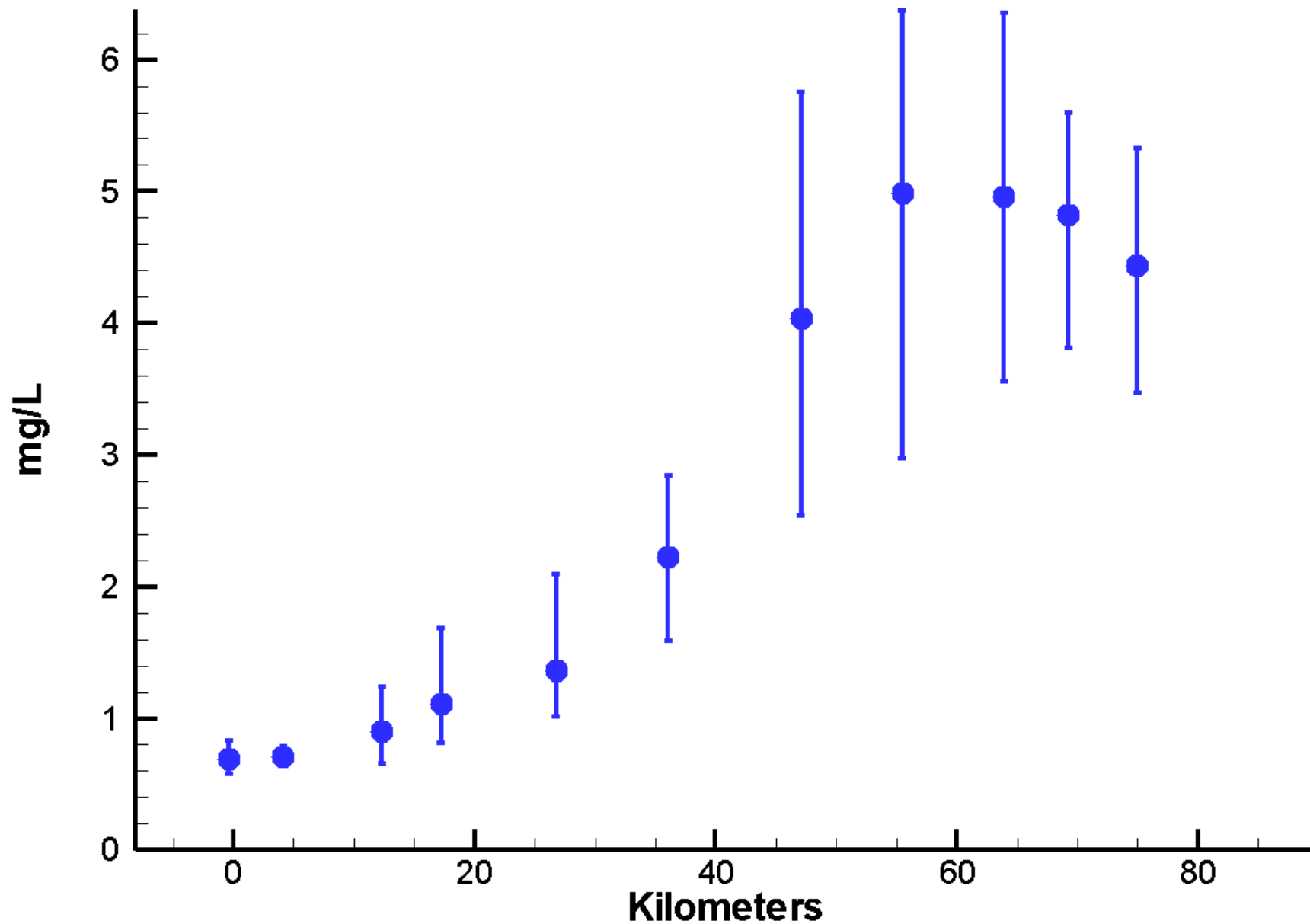
# Patuxent River Ches2015 Run118

## Bottom Dissolved Silica Winter 1996

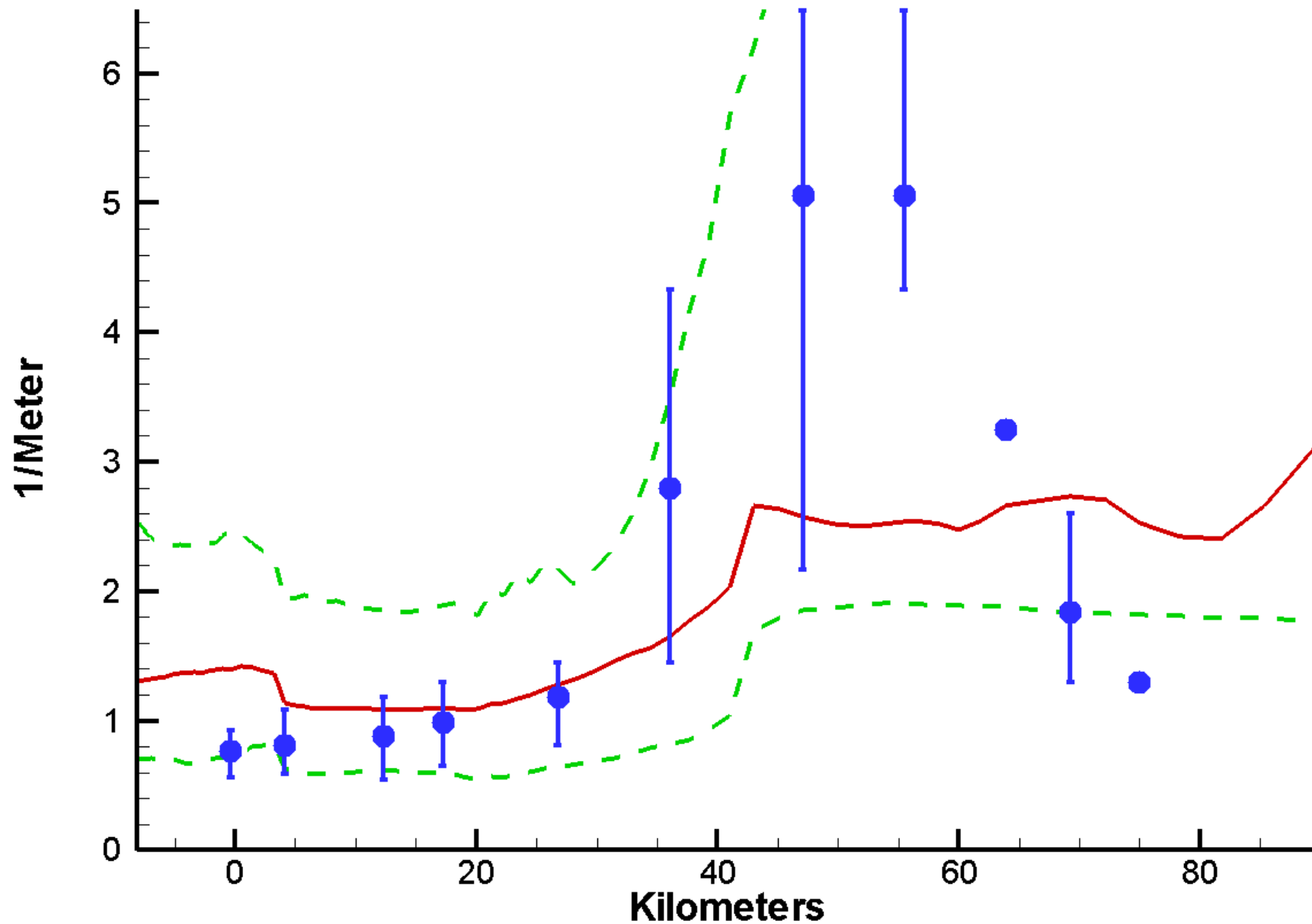


# Patuxent River Ches2015 Run118

## Surface Dissolved Silica Winter 1996

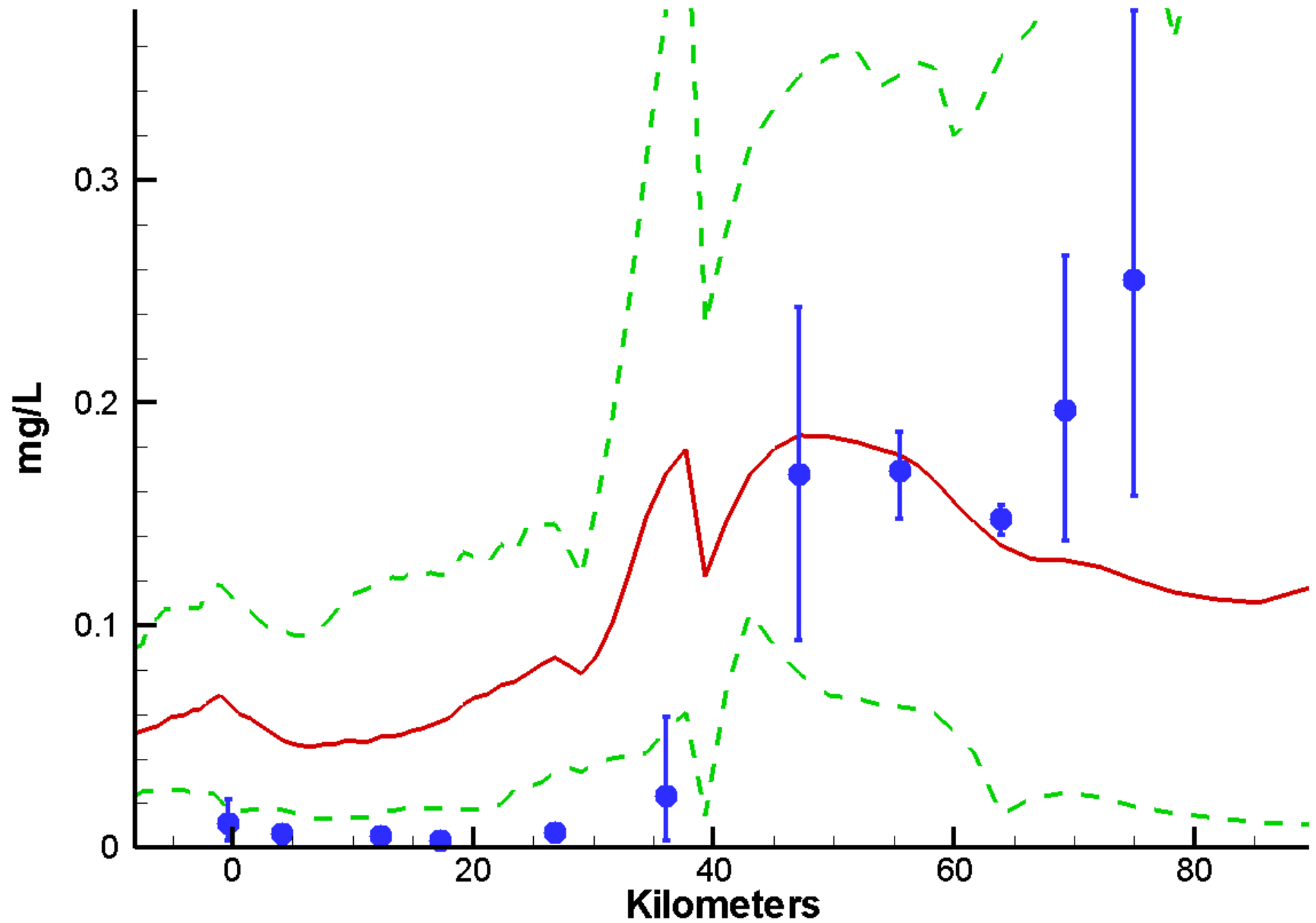


# Patuxent River Ches2015 Run118 Surface Light Extinction Winter 1996



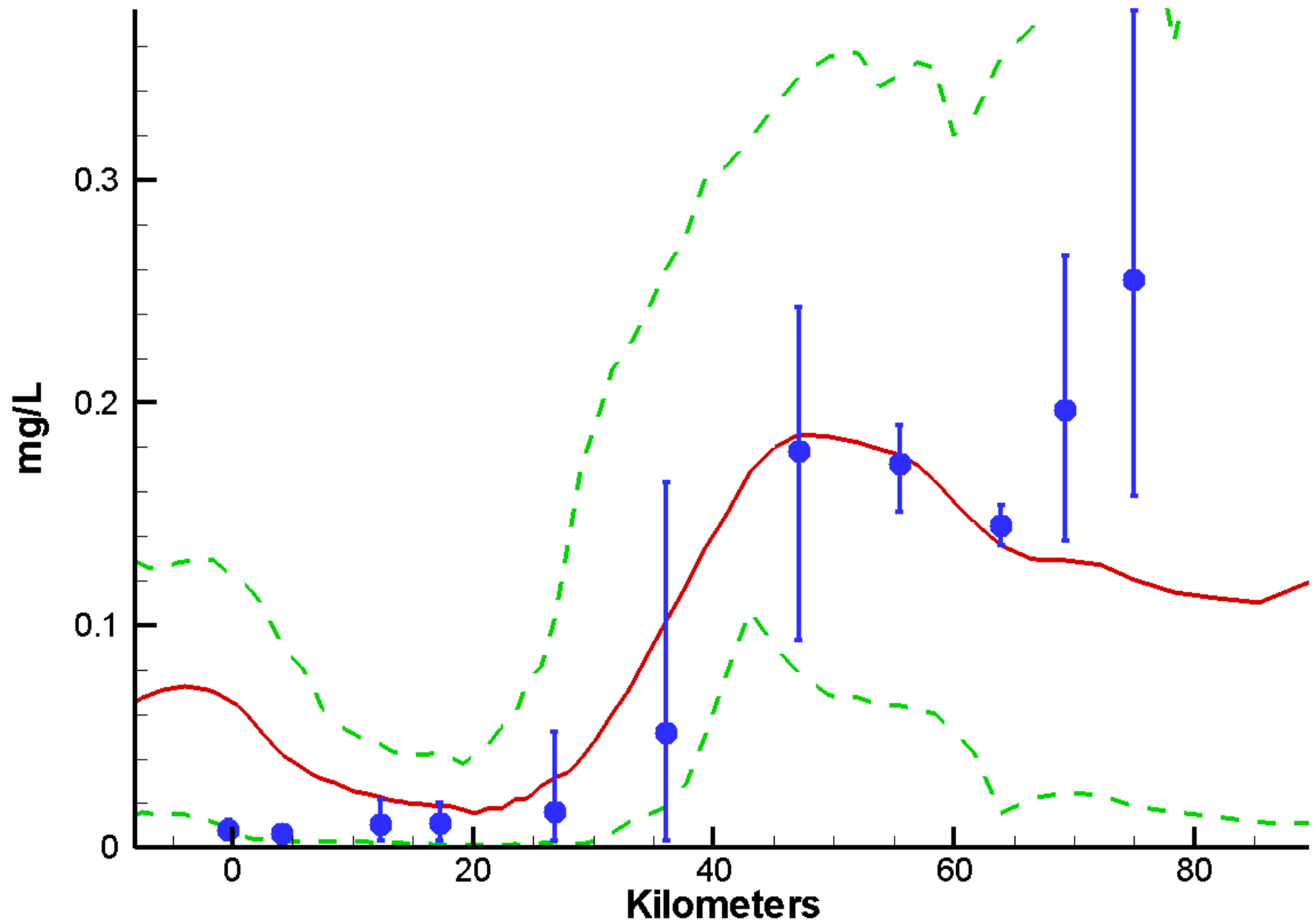
# Patuxent River Ches2015 Run118

## Bottom Ammonium Winter 1996



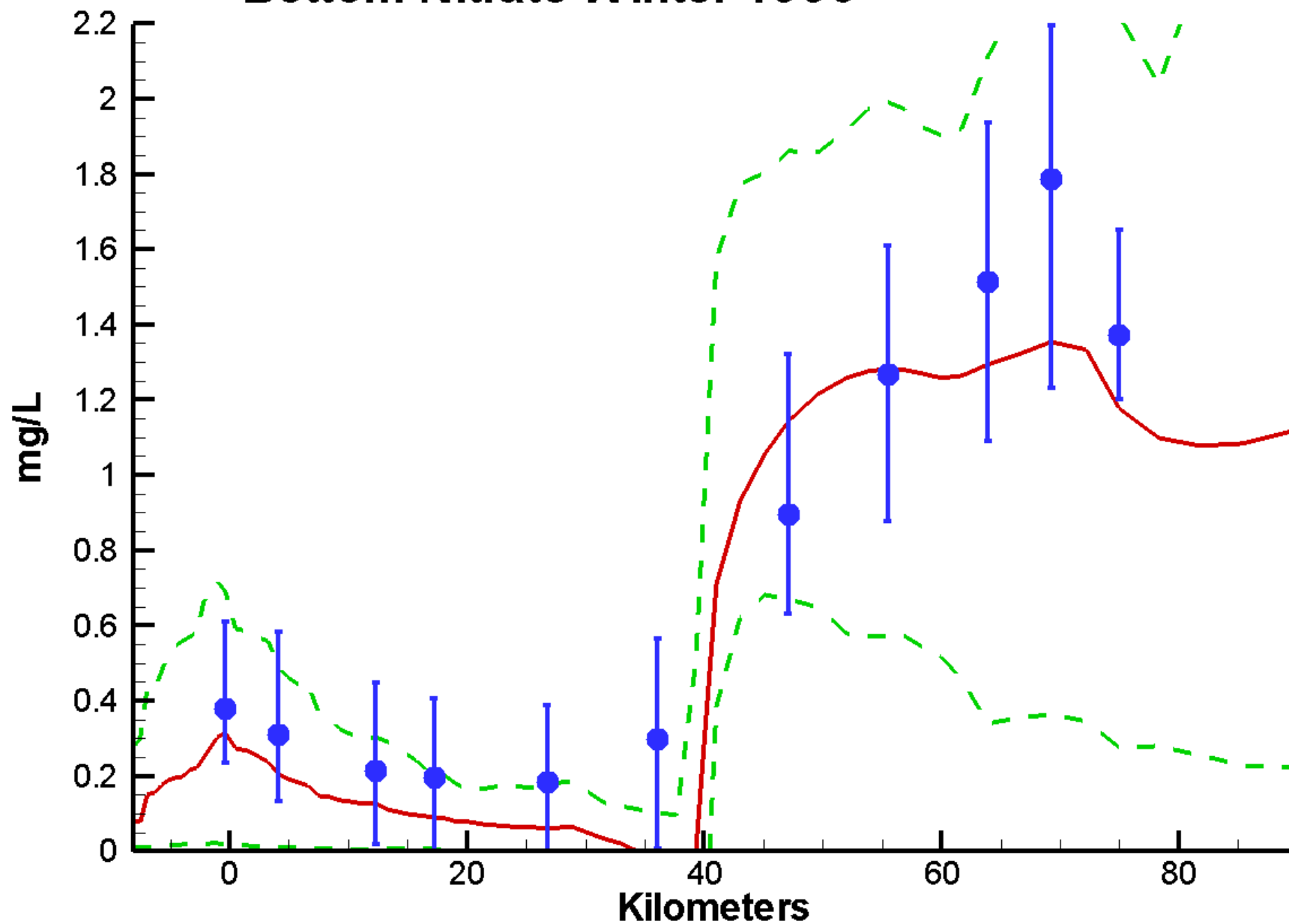
# Patuxent River Ches2015 Run118

## Surface Ammonium Winter 1996



# Patuxent River Ches2015 Run118

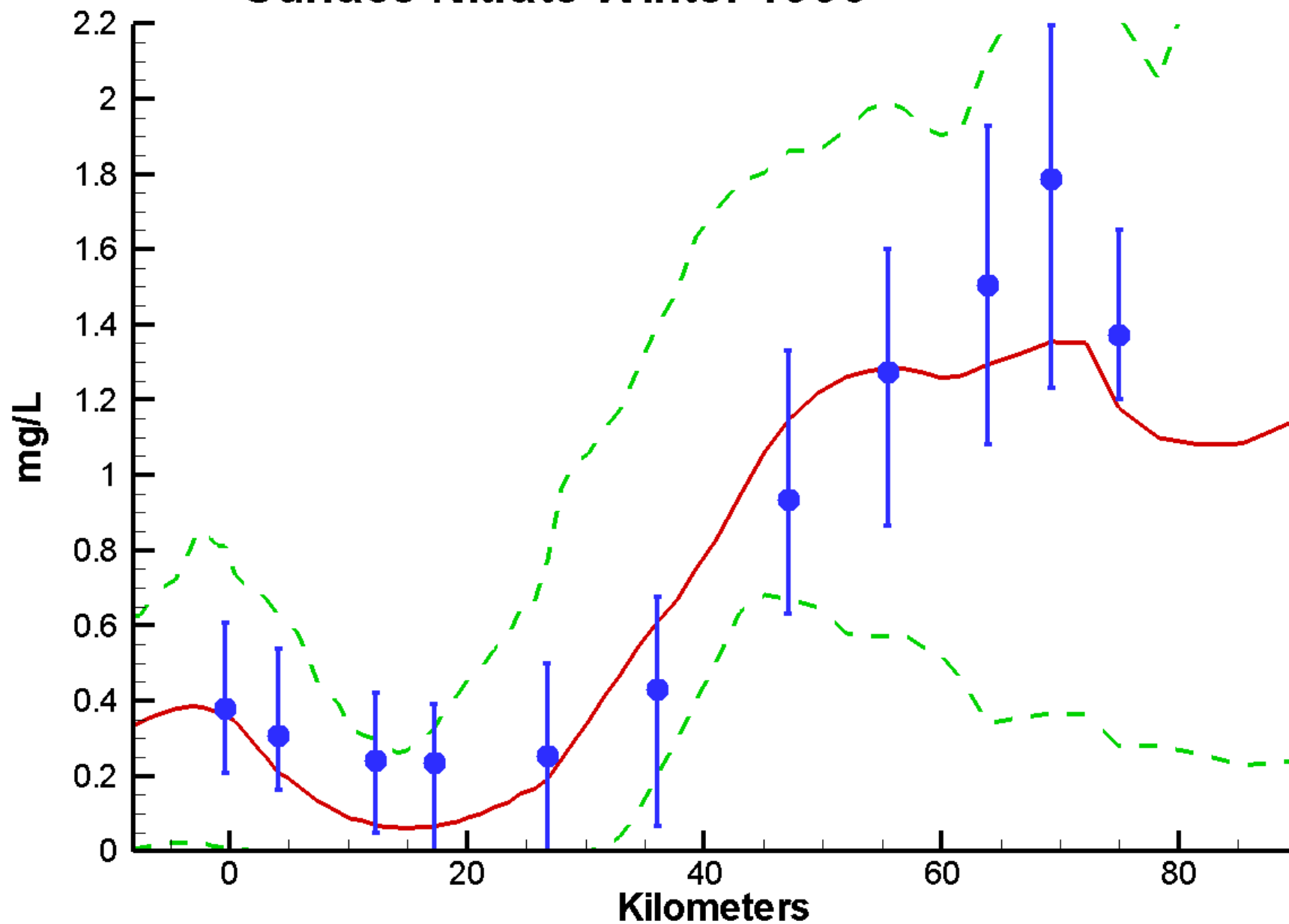
## Bottom Nitrate Winter 1996



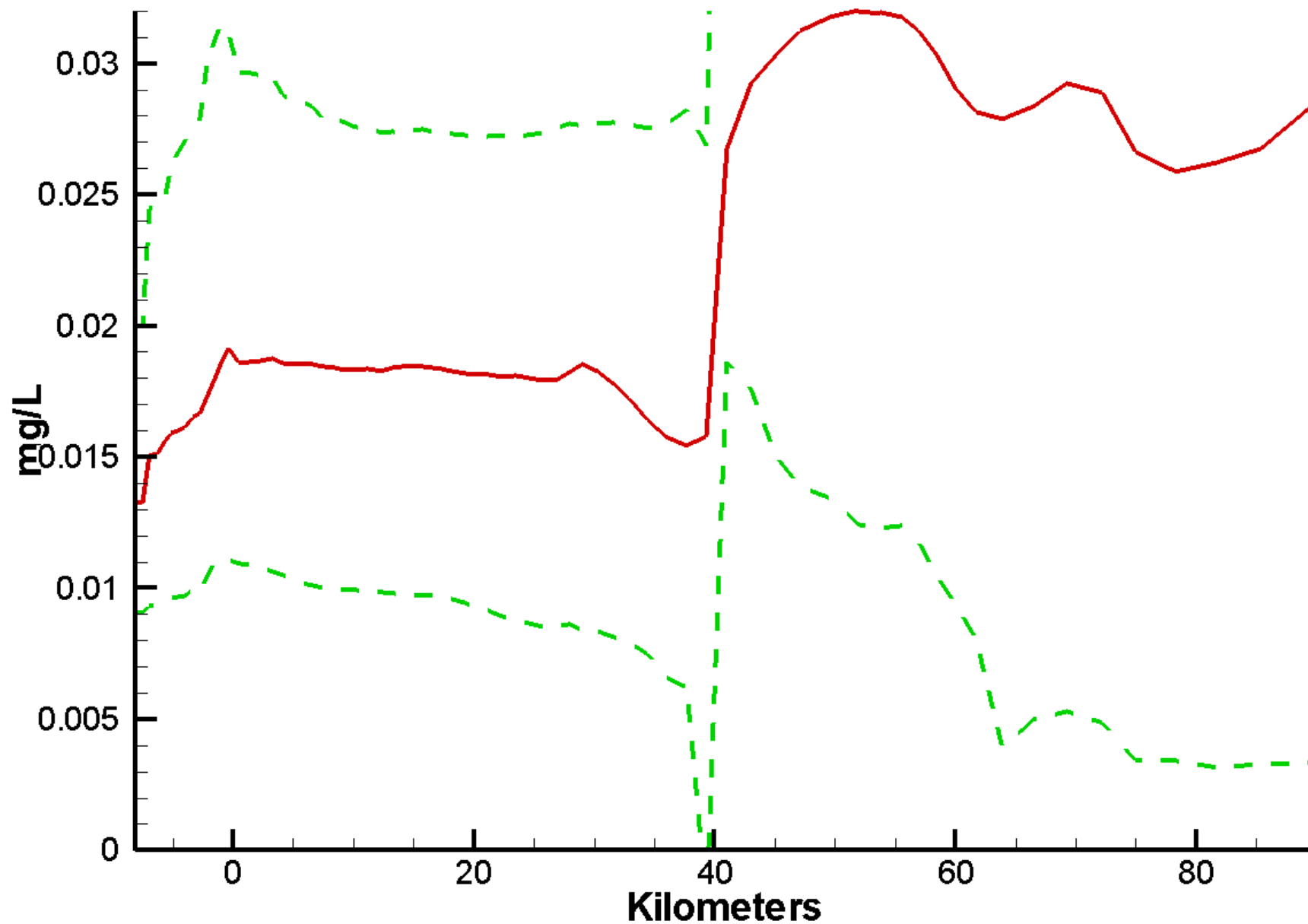


# Patuxent River Ches2015 Run118

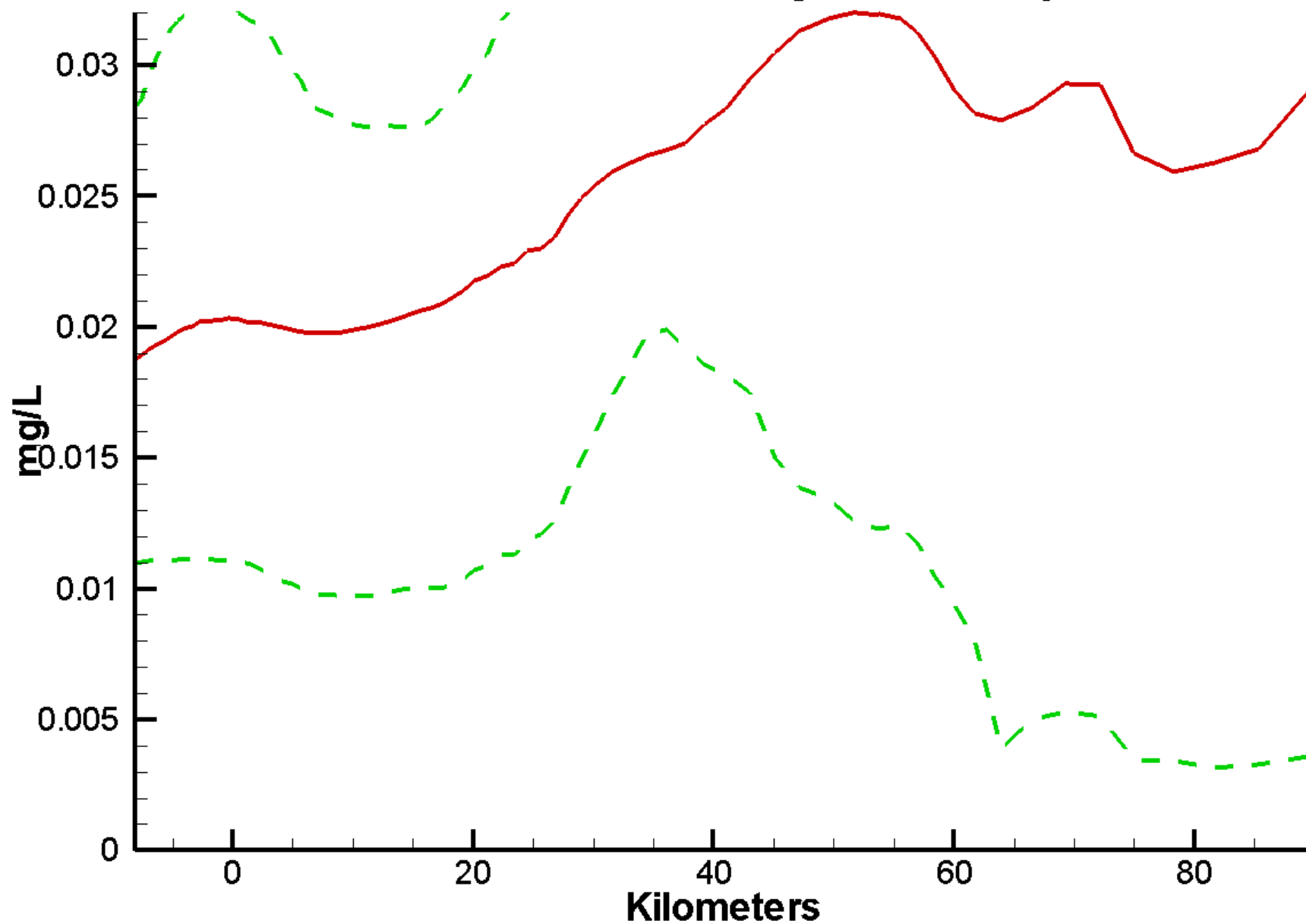
## Surface Nitrate Winter 1996



**Patuxent River Ches2015 Run118**  
**Bottom Particulate Inorganic Phosphorus Winter 1996**

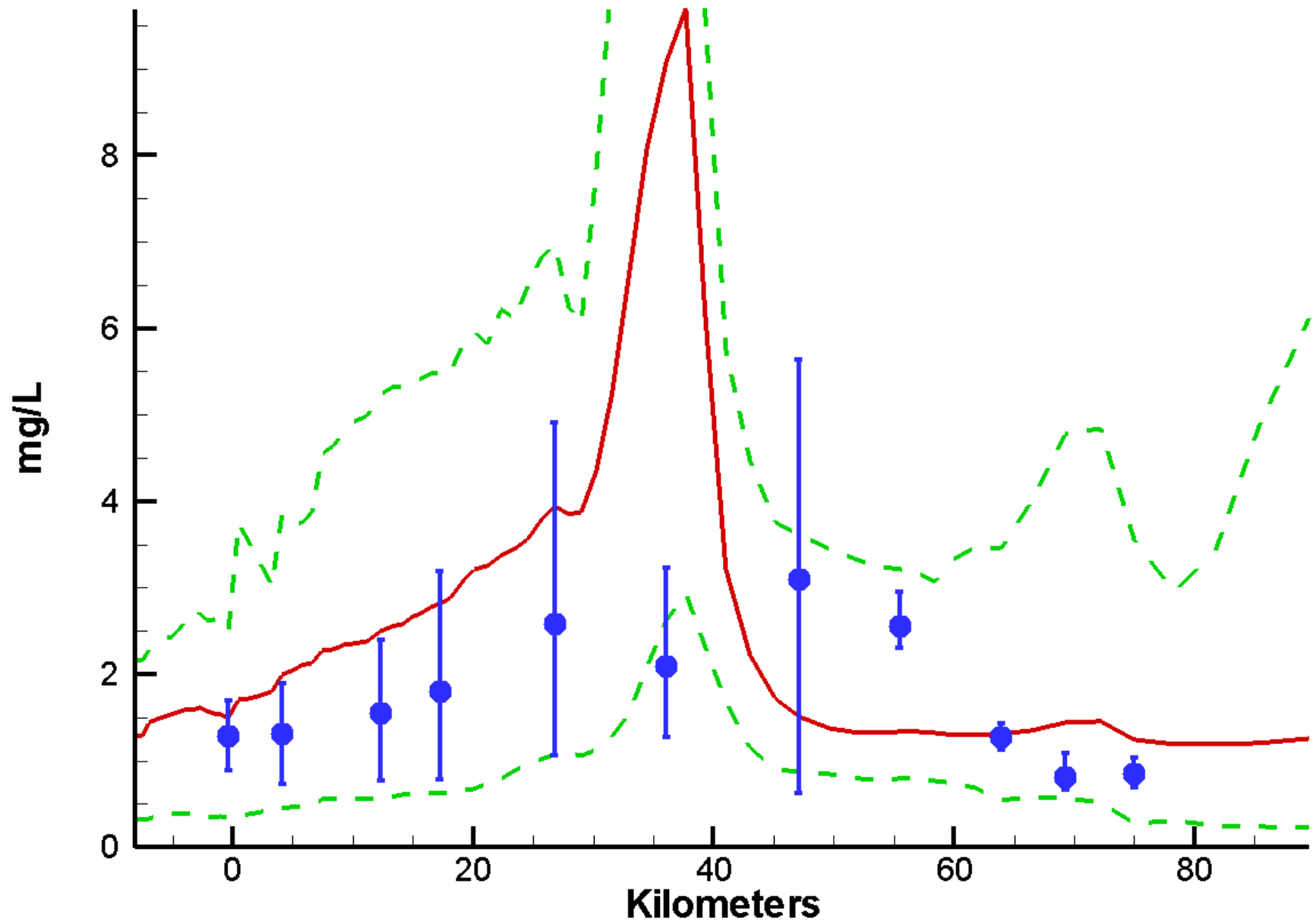


**Patuxent River Ches2015 Run118**  
**Surface Particulate Inorganic Phosphorus Winter 1996**



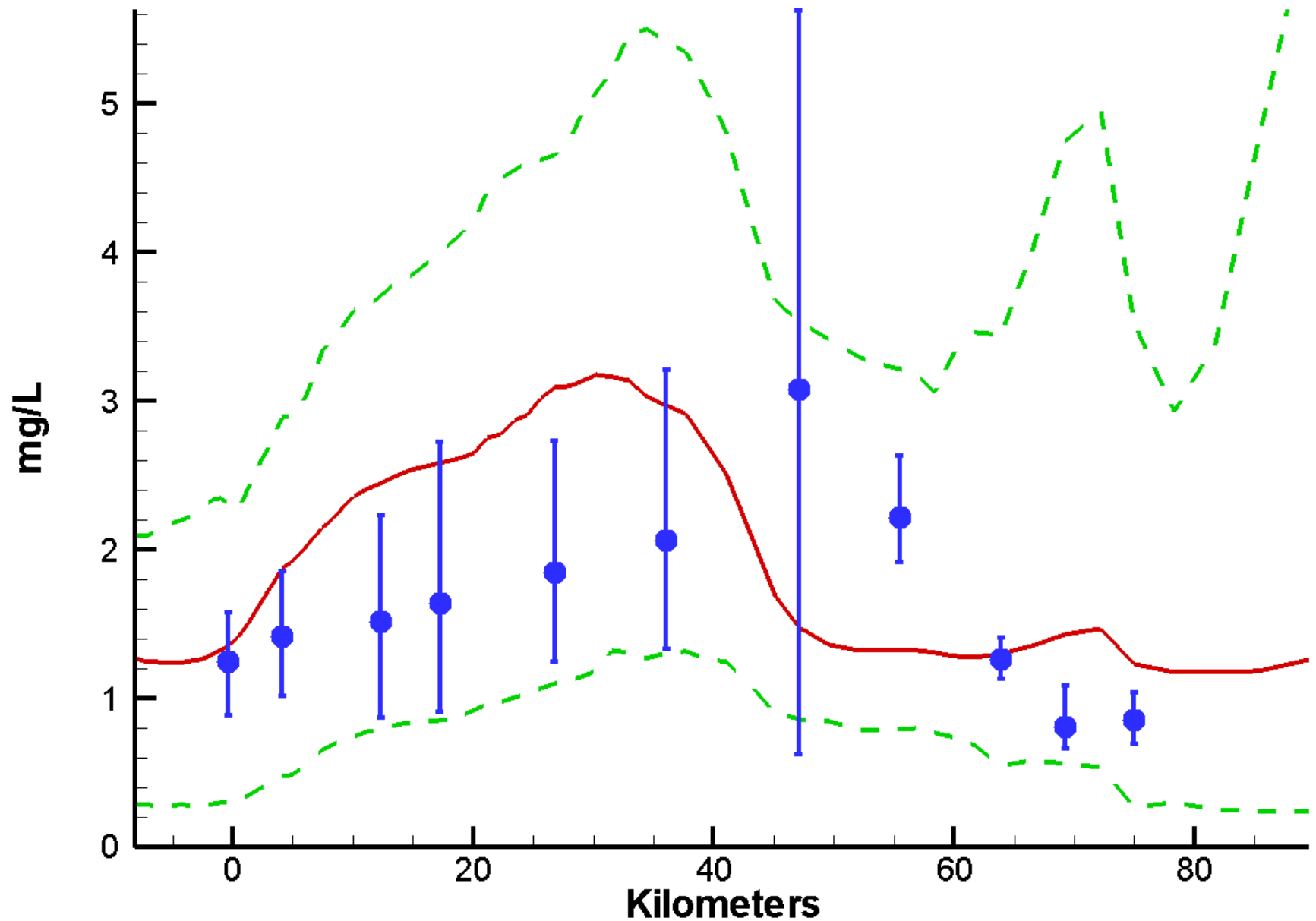
# Patuxent River Ches2015 Run118

## Bottom Particulate Organic Carbon Winter 1996



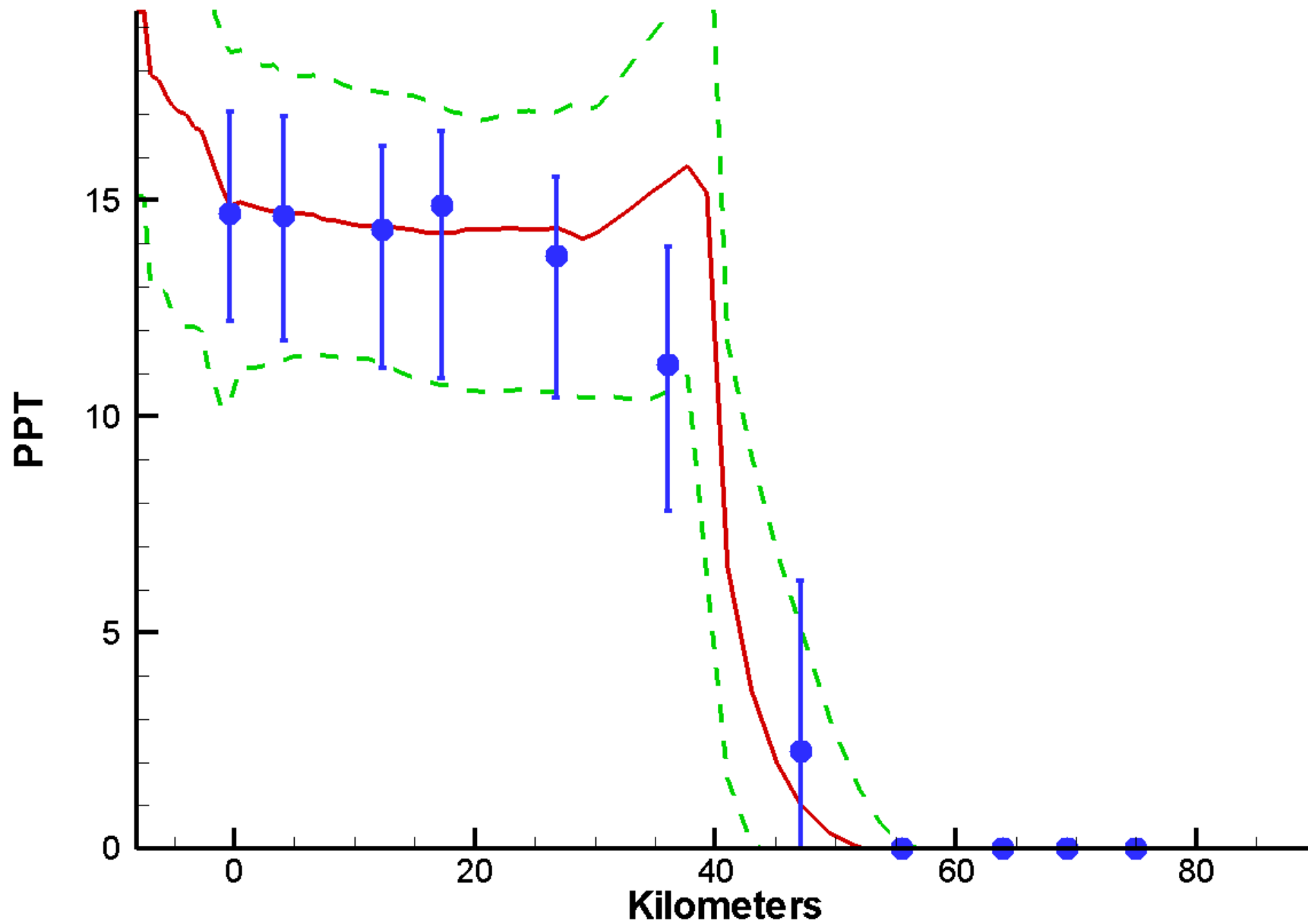
# Patuxent River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1996



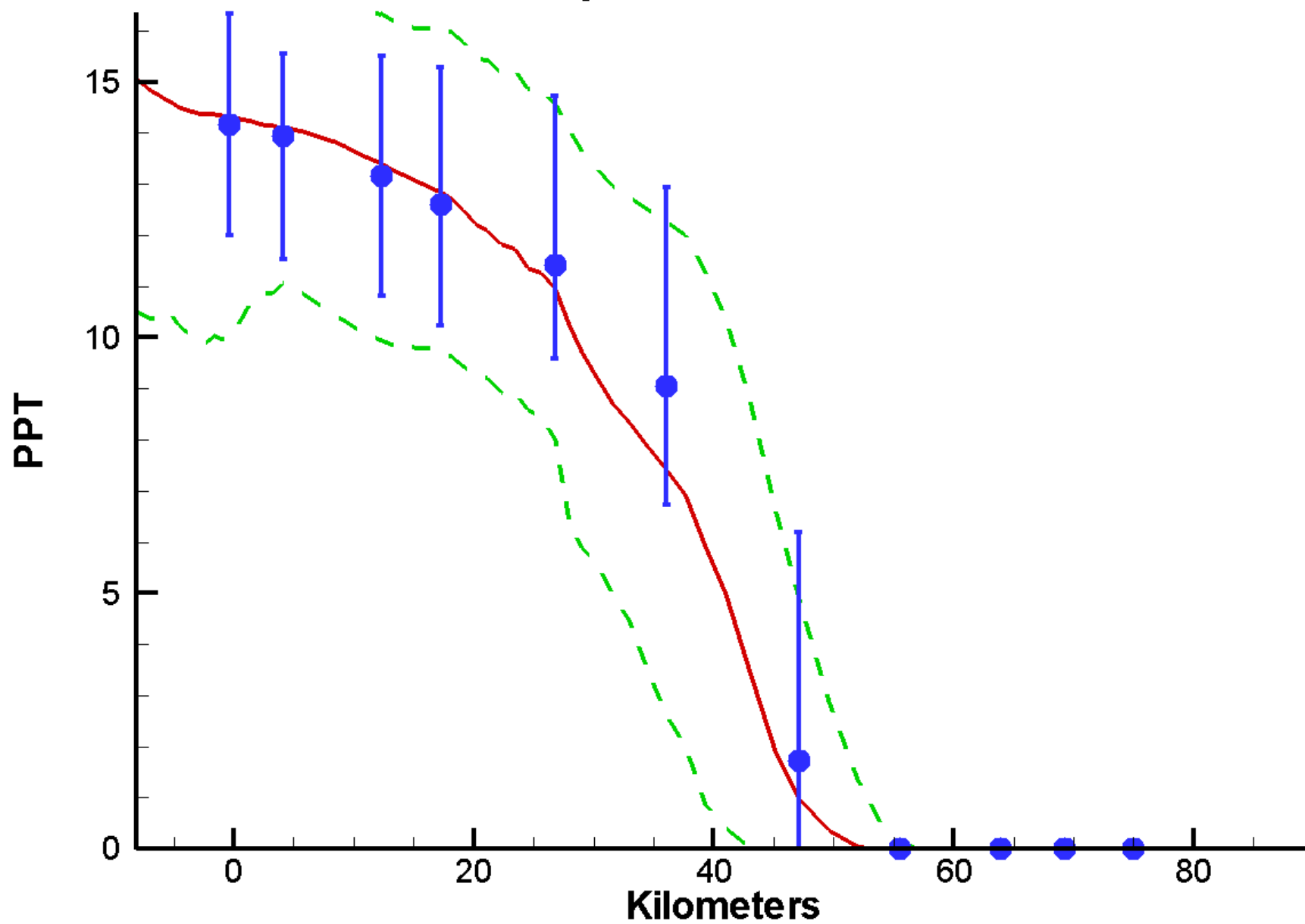
# Patuxent River Ches2015 Run118

## Bottom Salinity Winter 1996



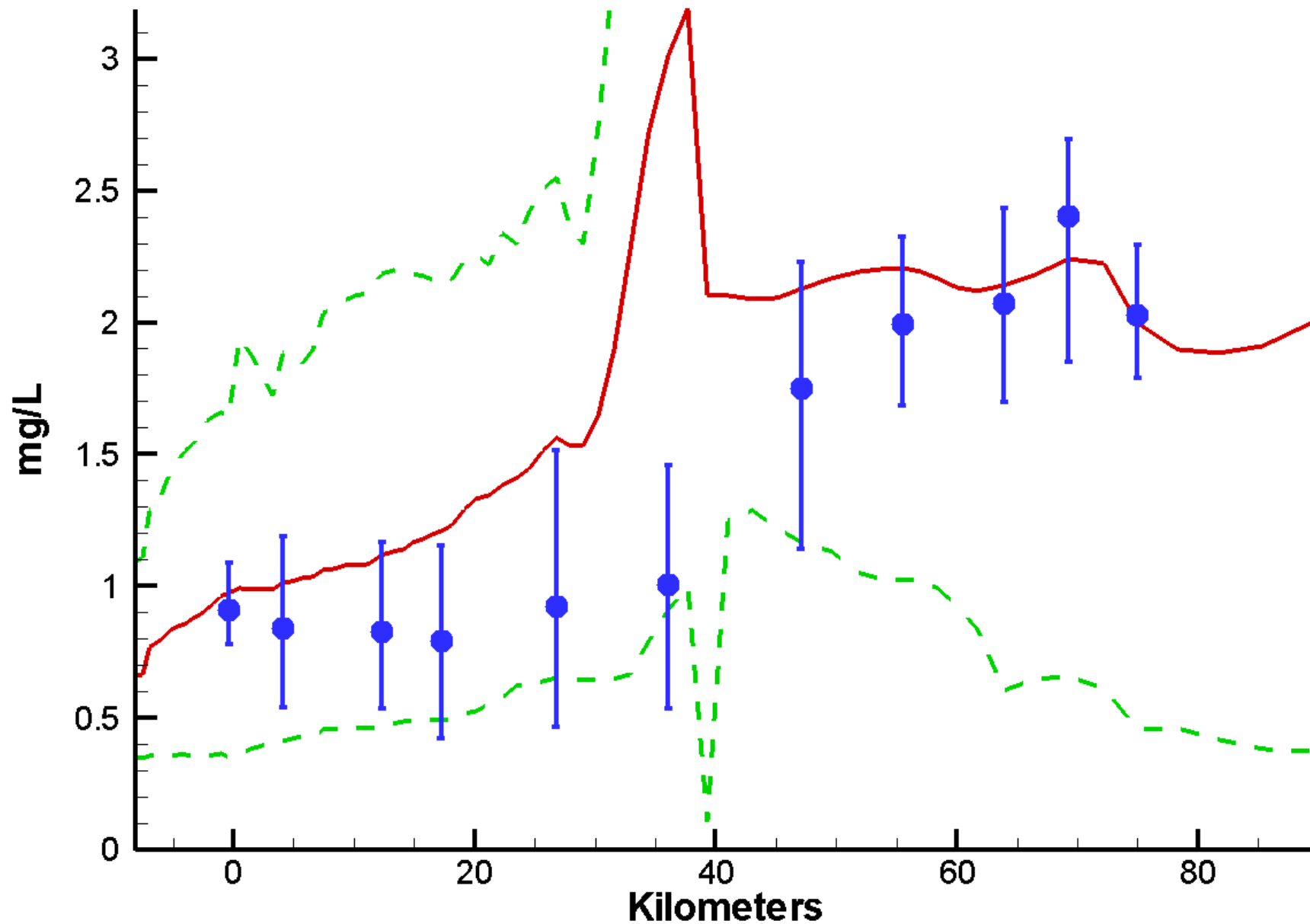
# Patuxent River Ches2015 Run118

## Surface Salinity Winter 1996



# Patuxent River Ches2015 Run118

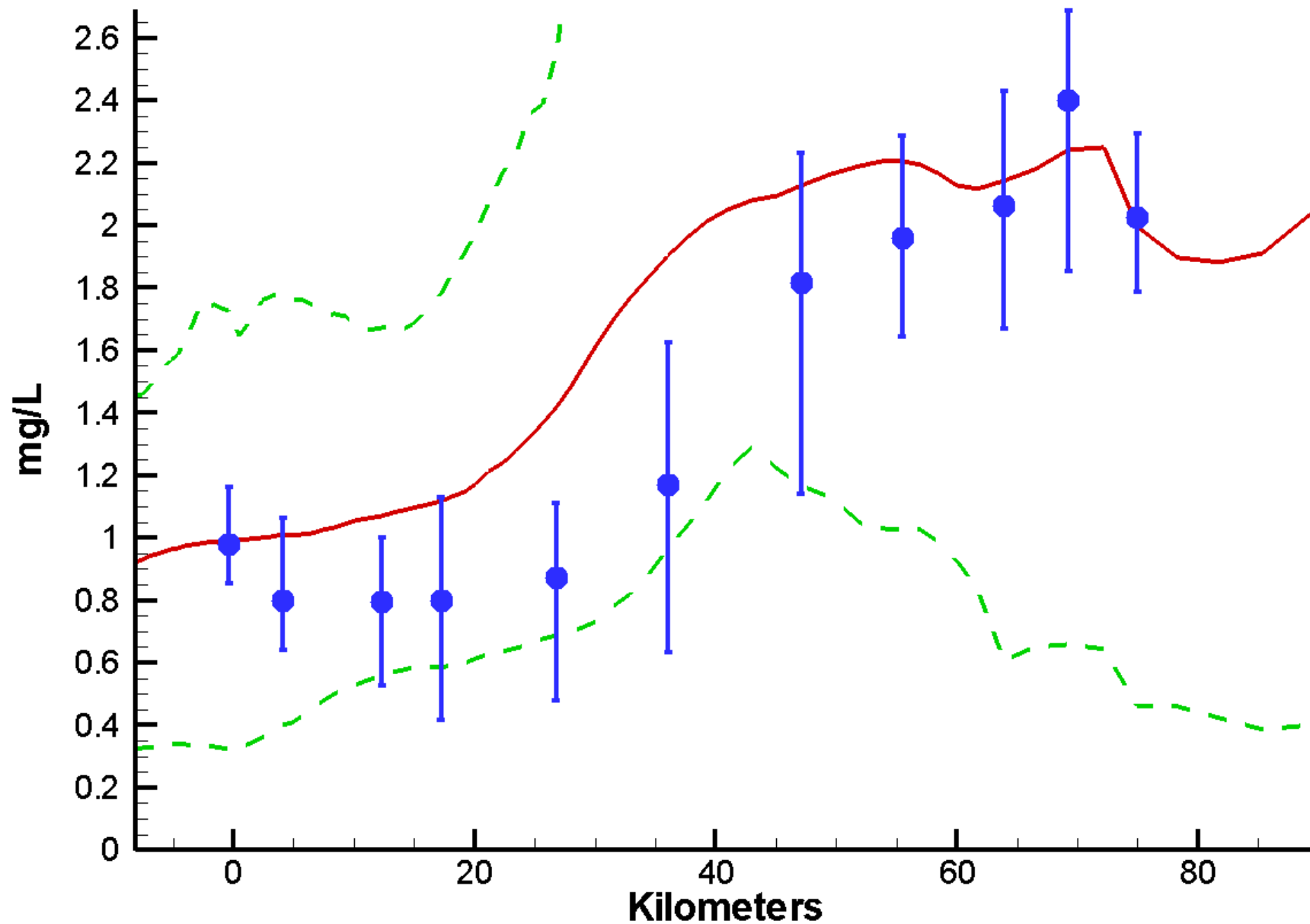
## Bottom Total Nitrogen Winter 1996



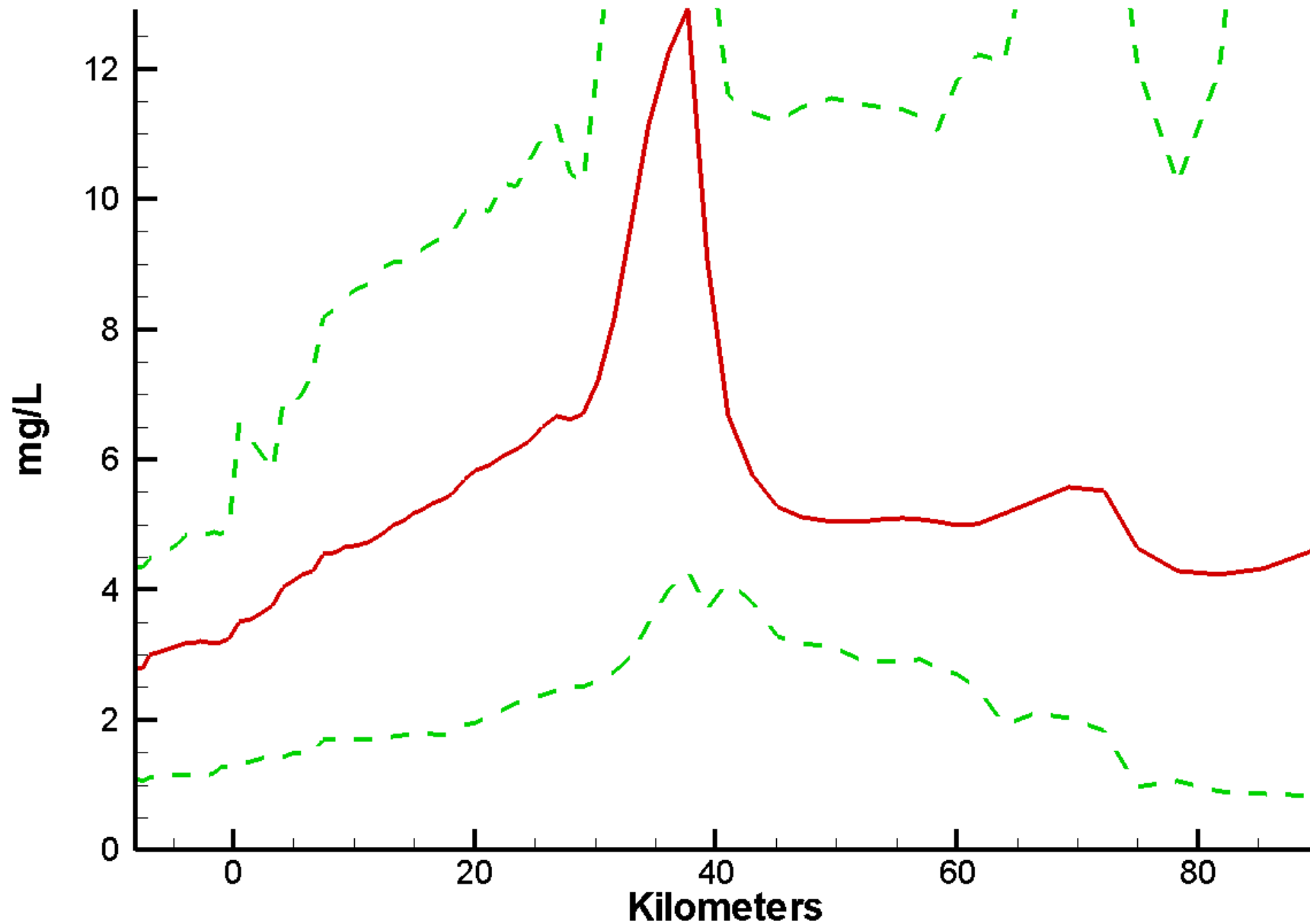


# Patuxent River Ches2015 Run118

## Surface Total Nitrogen Winter 1996

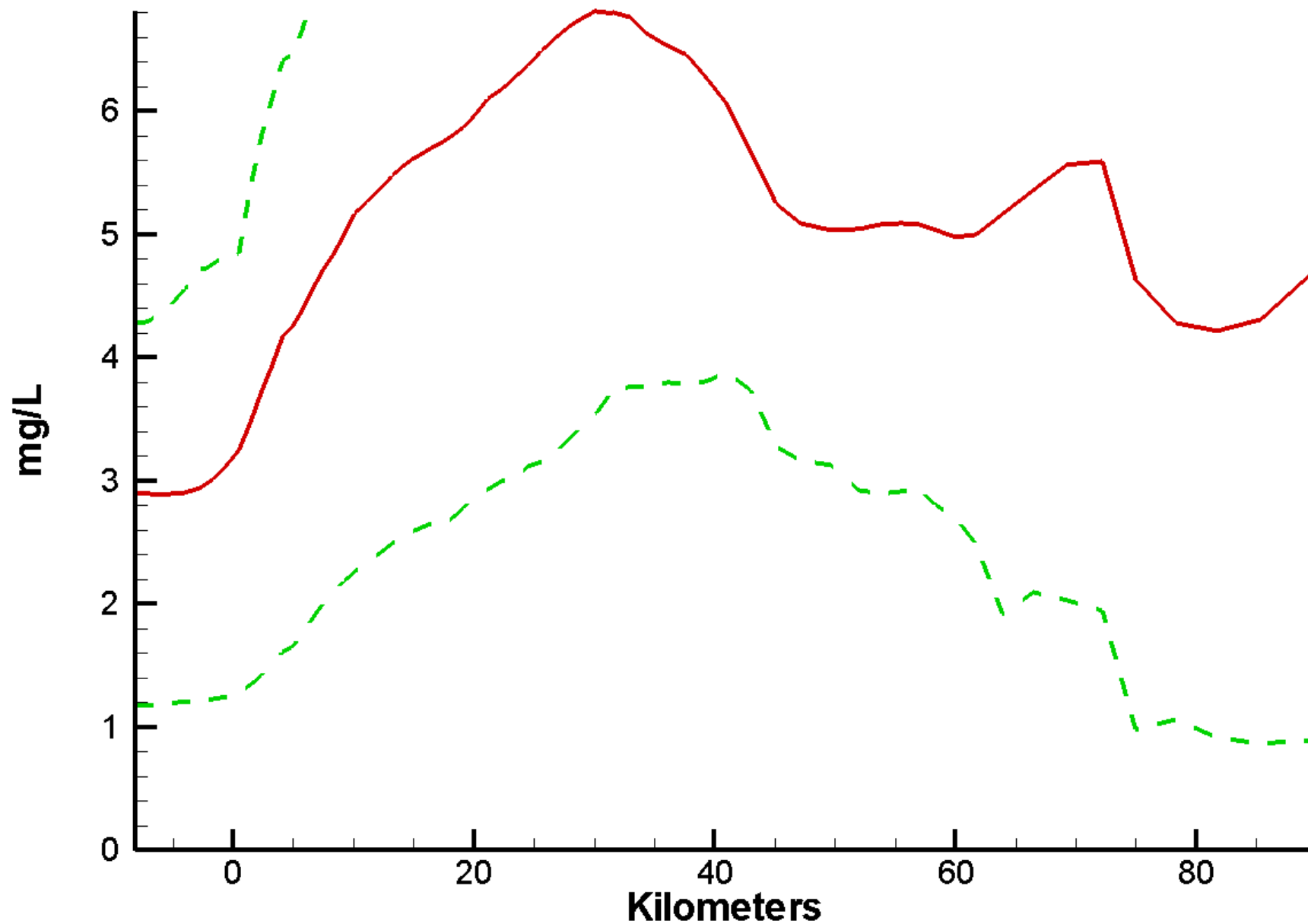


**Patuxent River Ches2015 Run118**  
**Bottom Total Organic Carbon Winter 1996**



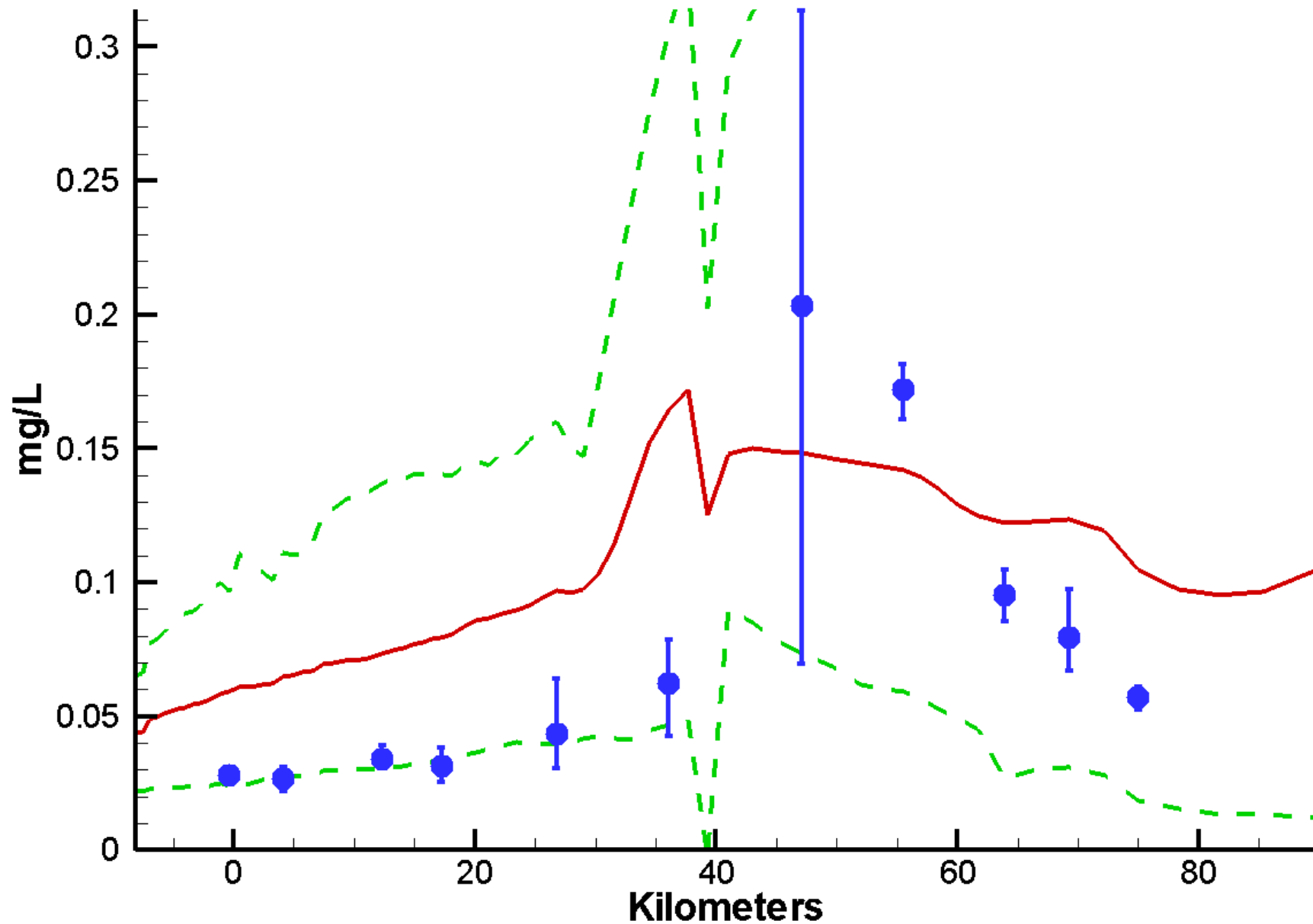
# Patuxent River Ches2015 Run118

## Surface Total Organic Carbon Winter 1996



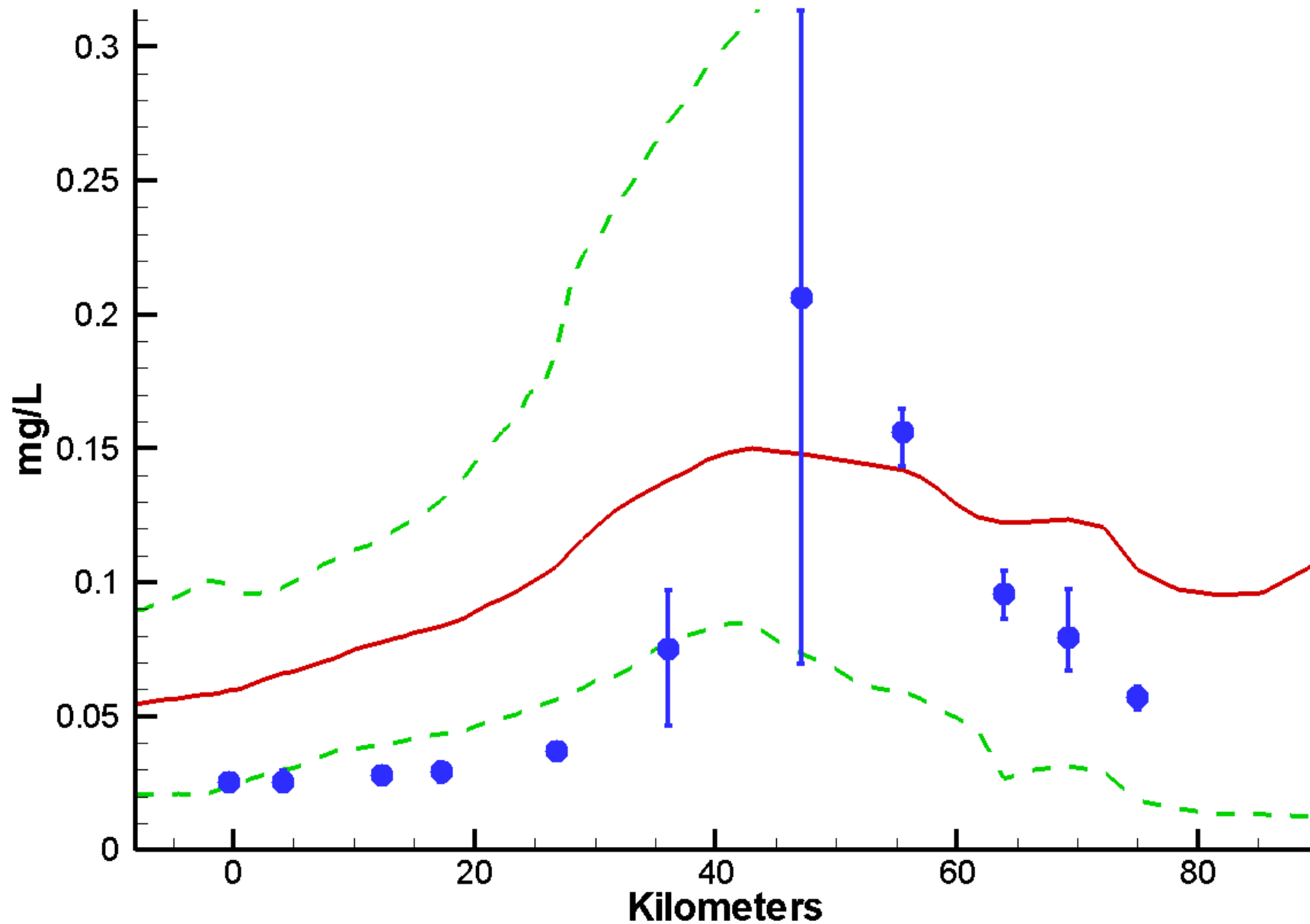
# Patuxent River Ches2015 Run118

## Bottom Total Phosphorus Winter 1996



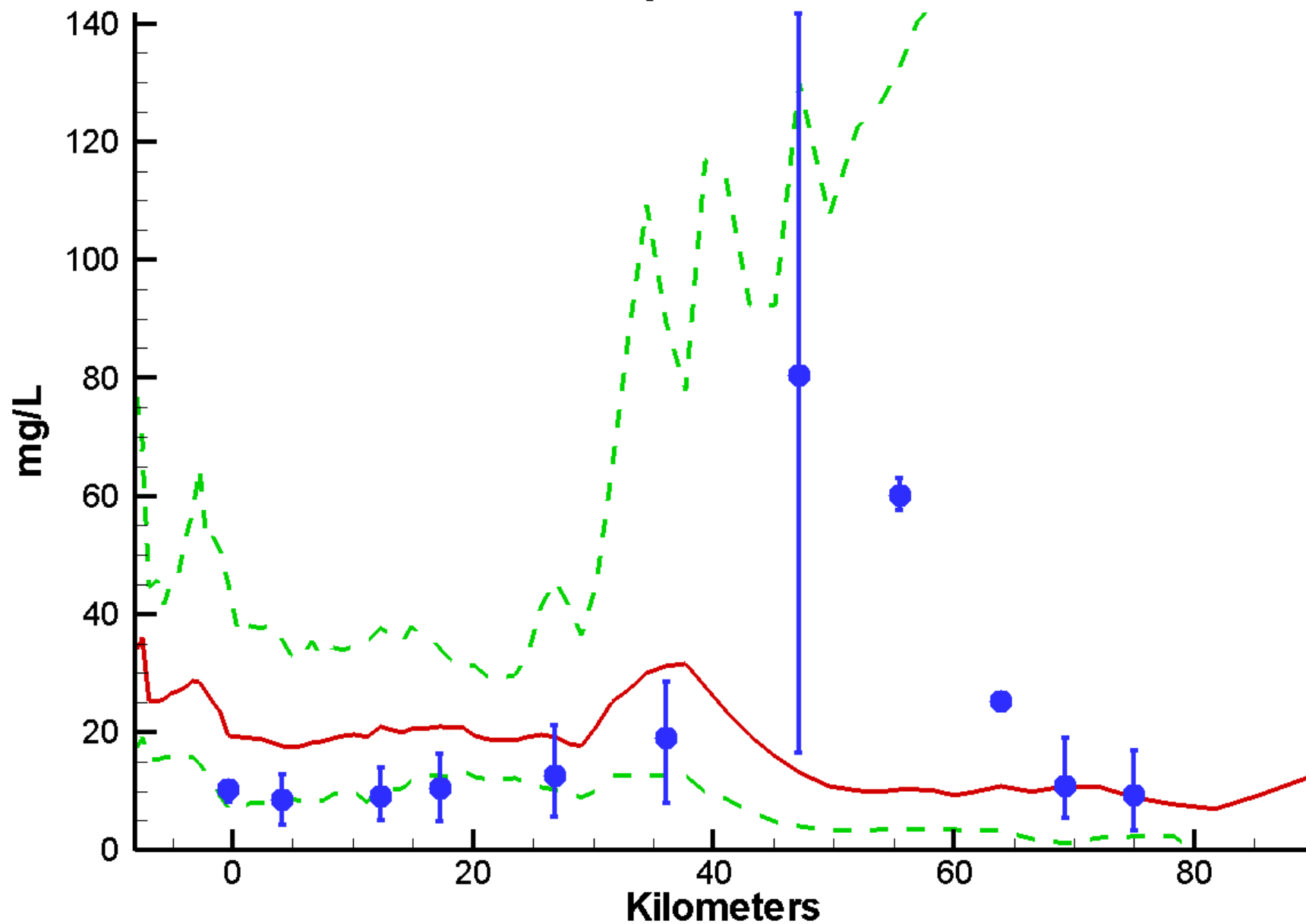
# Patuxent River Ches2015 Run118

## Surface Total Phosphorus Winter 1996



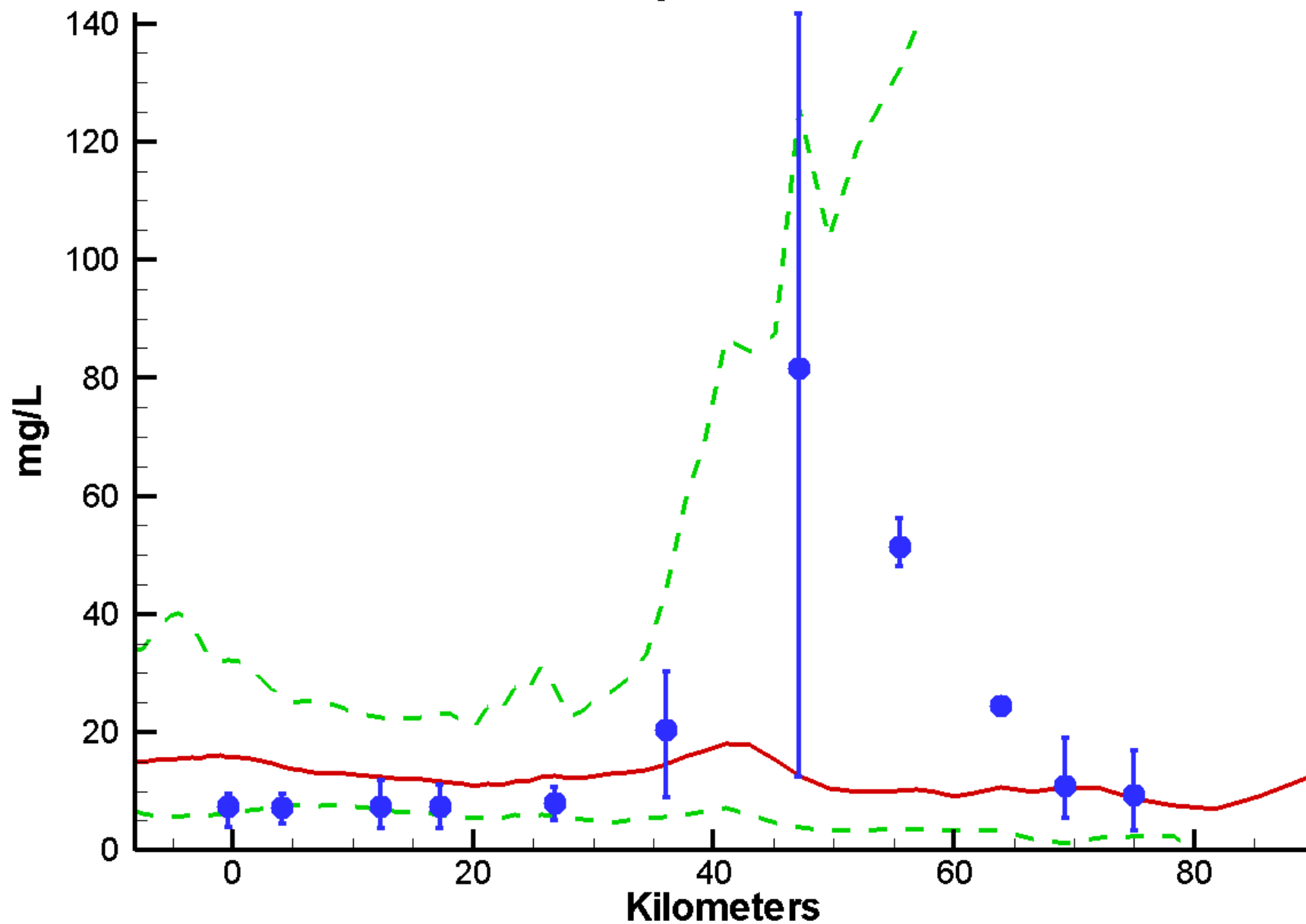
# Patuxent River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1996



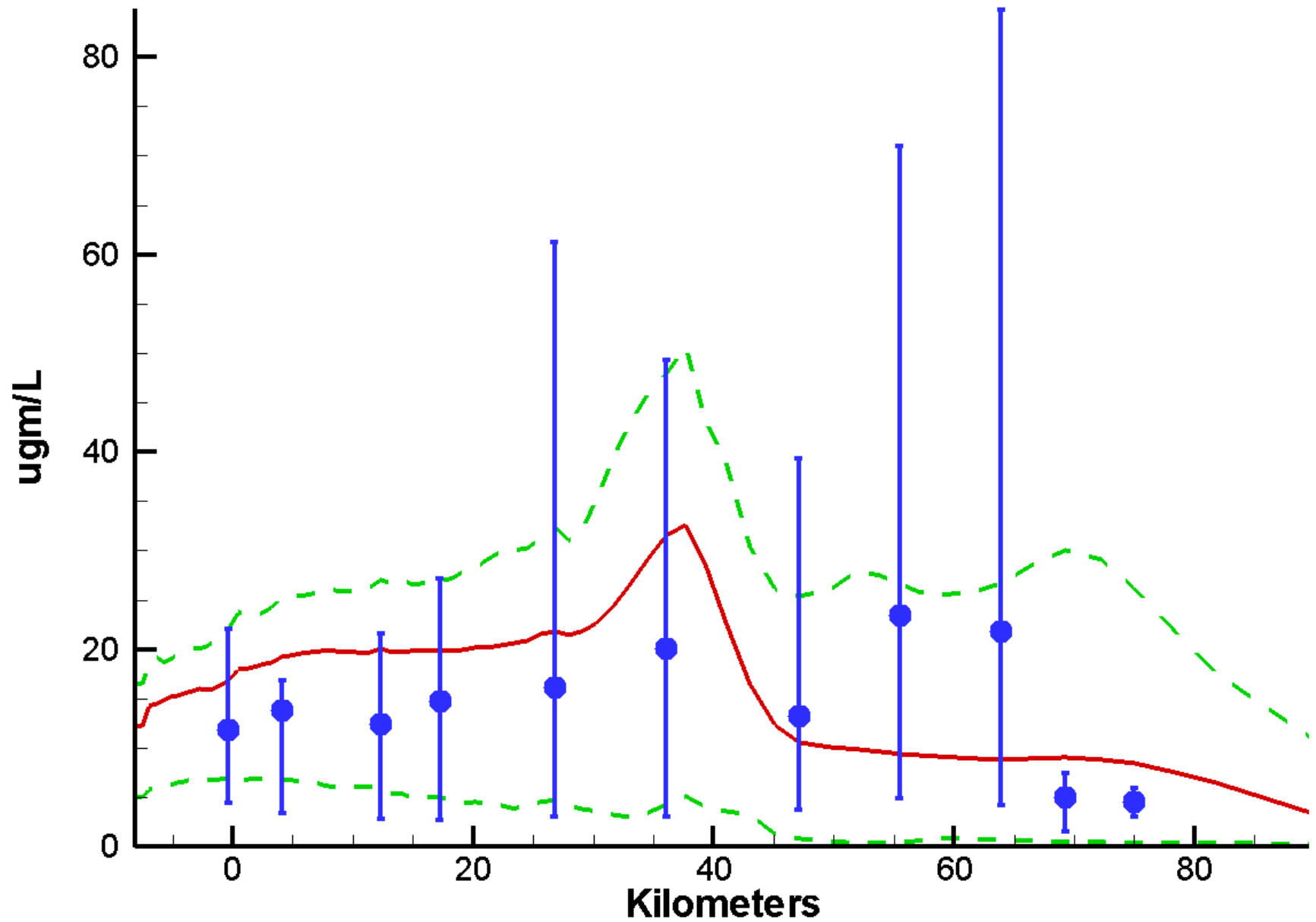
# Patuxent River Ches2015 Run118

## Surface Total Suspended Solids Winter 1996



# Patuxent River Ches2015 Run118

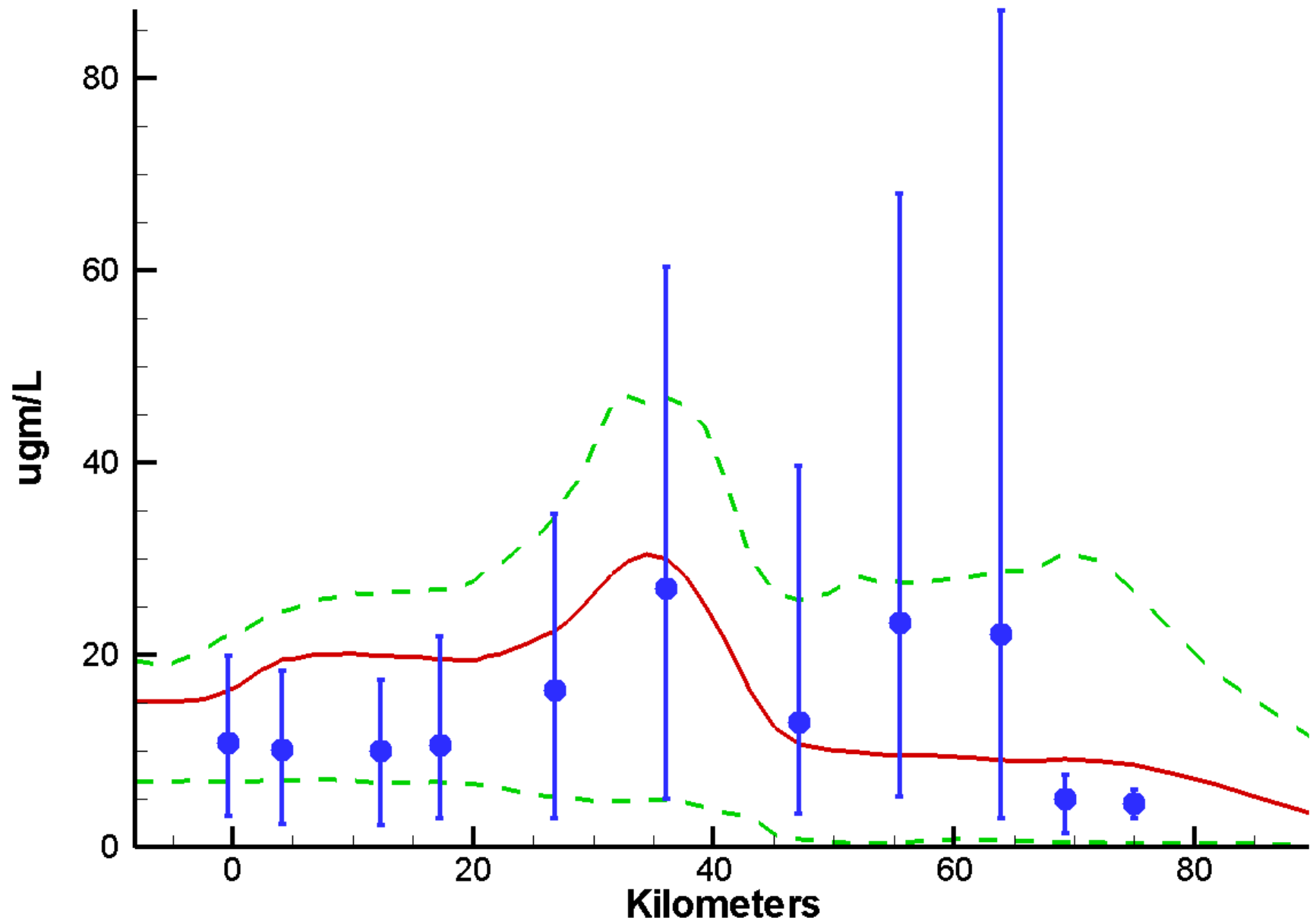
## Bottom Chlorophyll Spring 1996





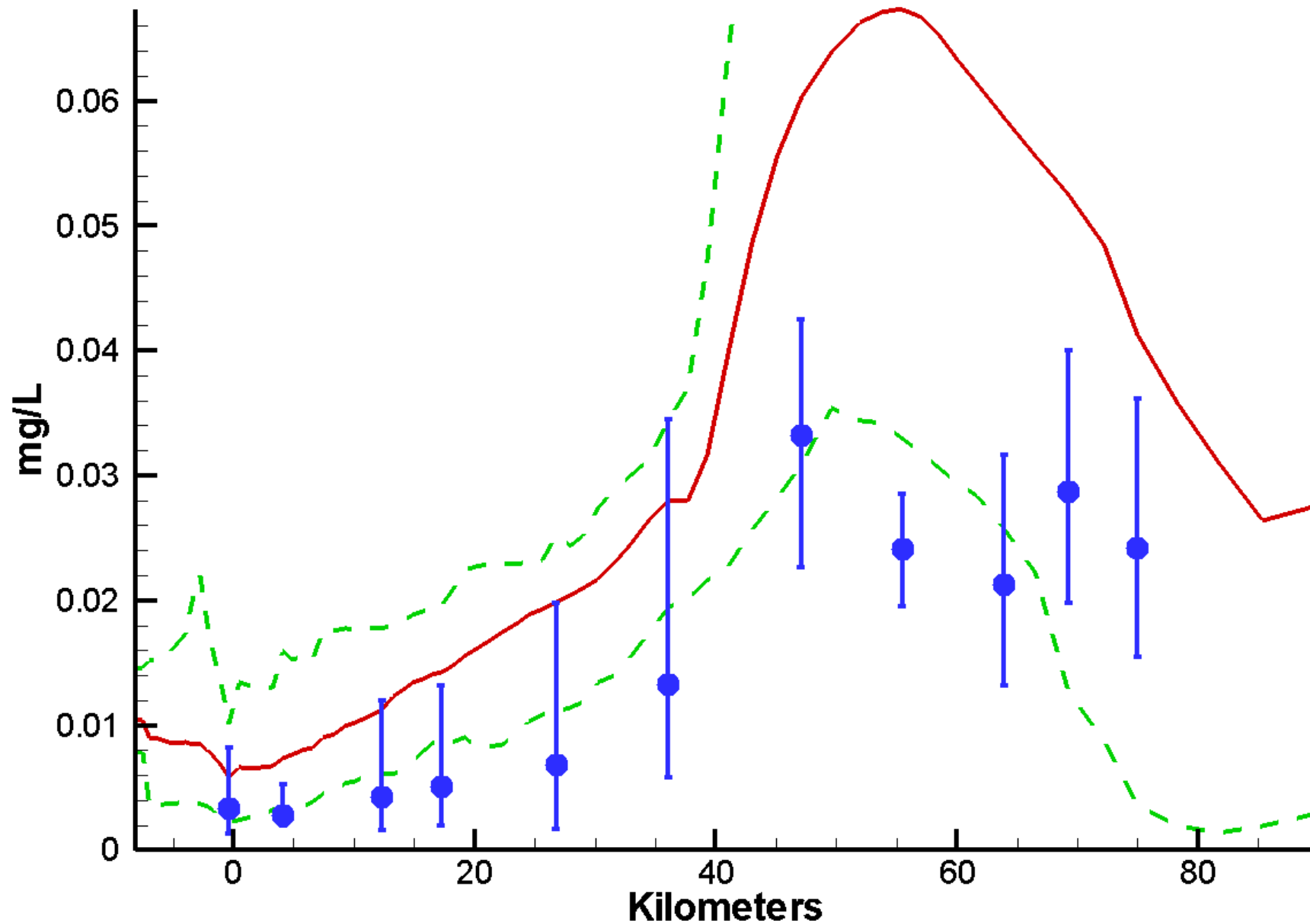
# Patuxent River Ches2015 Run118

## Surface Chlorophyll Spring 1996



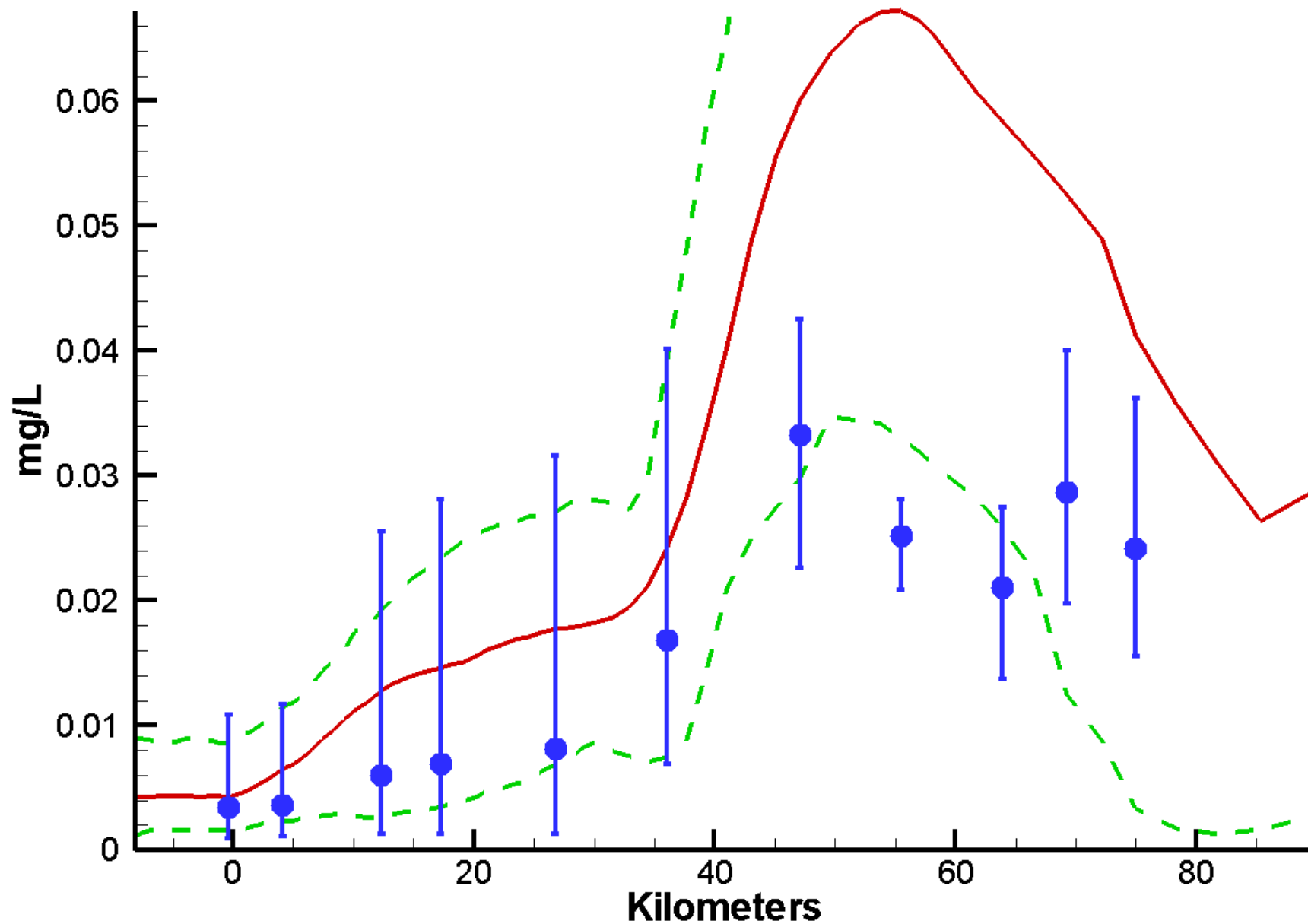
# Patuxent River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1996



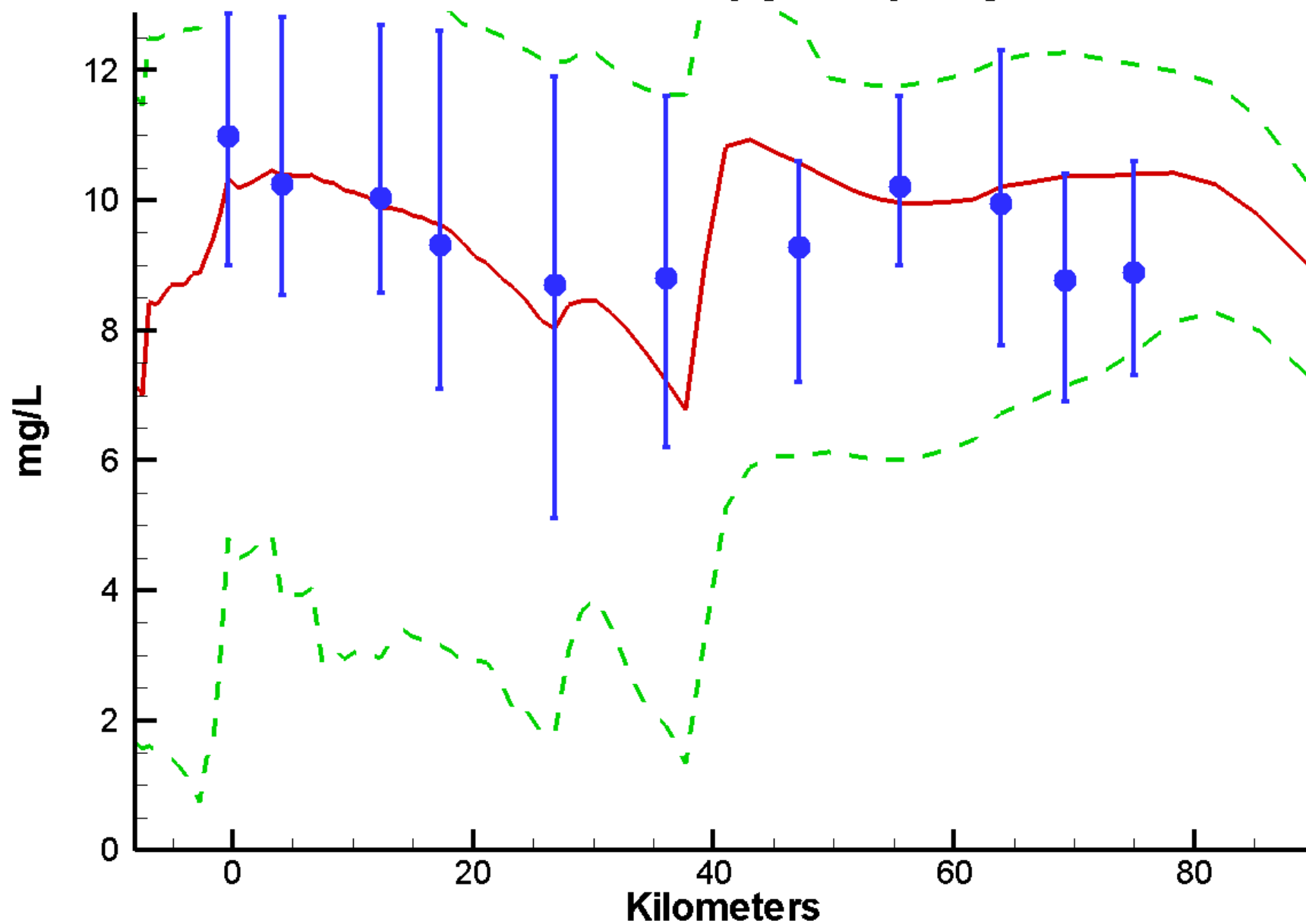
# Patuxent River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1996



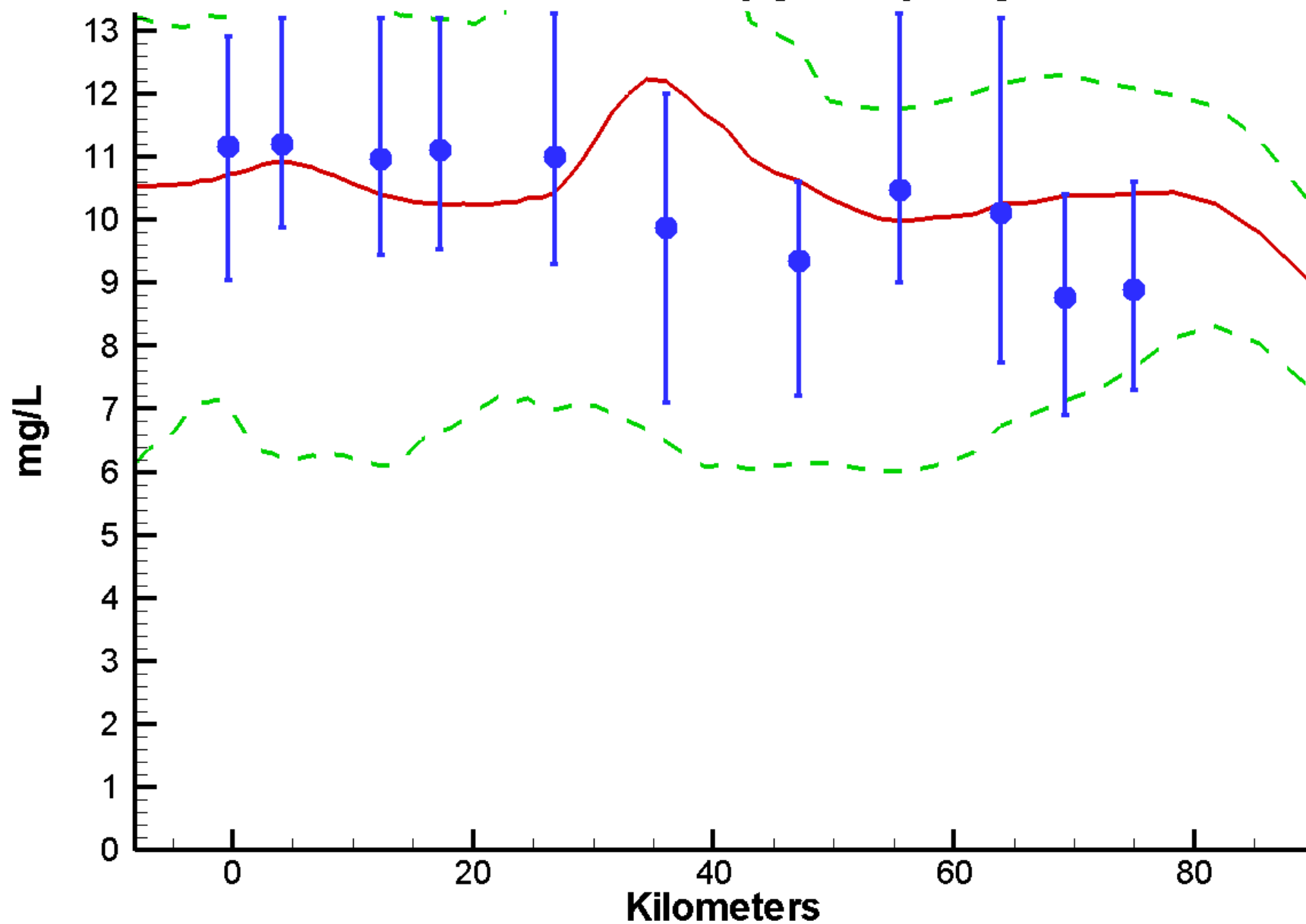
# Patuxent River Ches2015 Run118

## Bottom Dissolved Oxygen Spring 1996



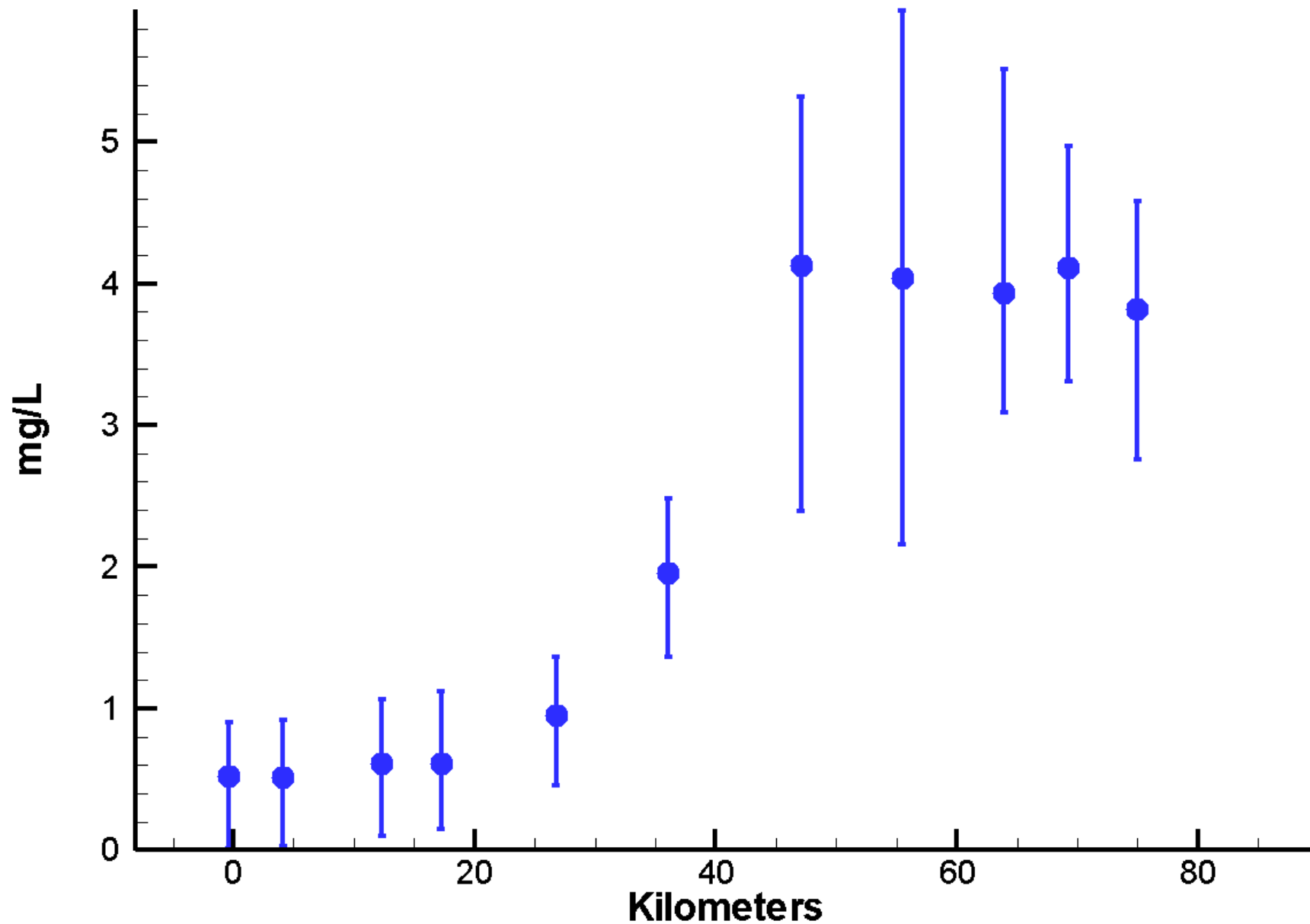
# Patuxent River Ches2015 Run118

## Surface Dissolved Oxygen Spring 1996



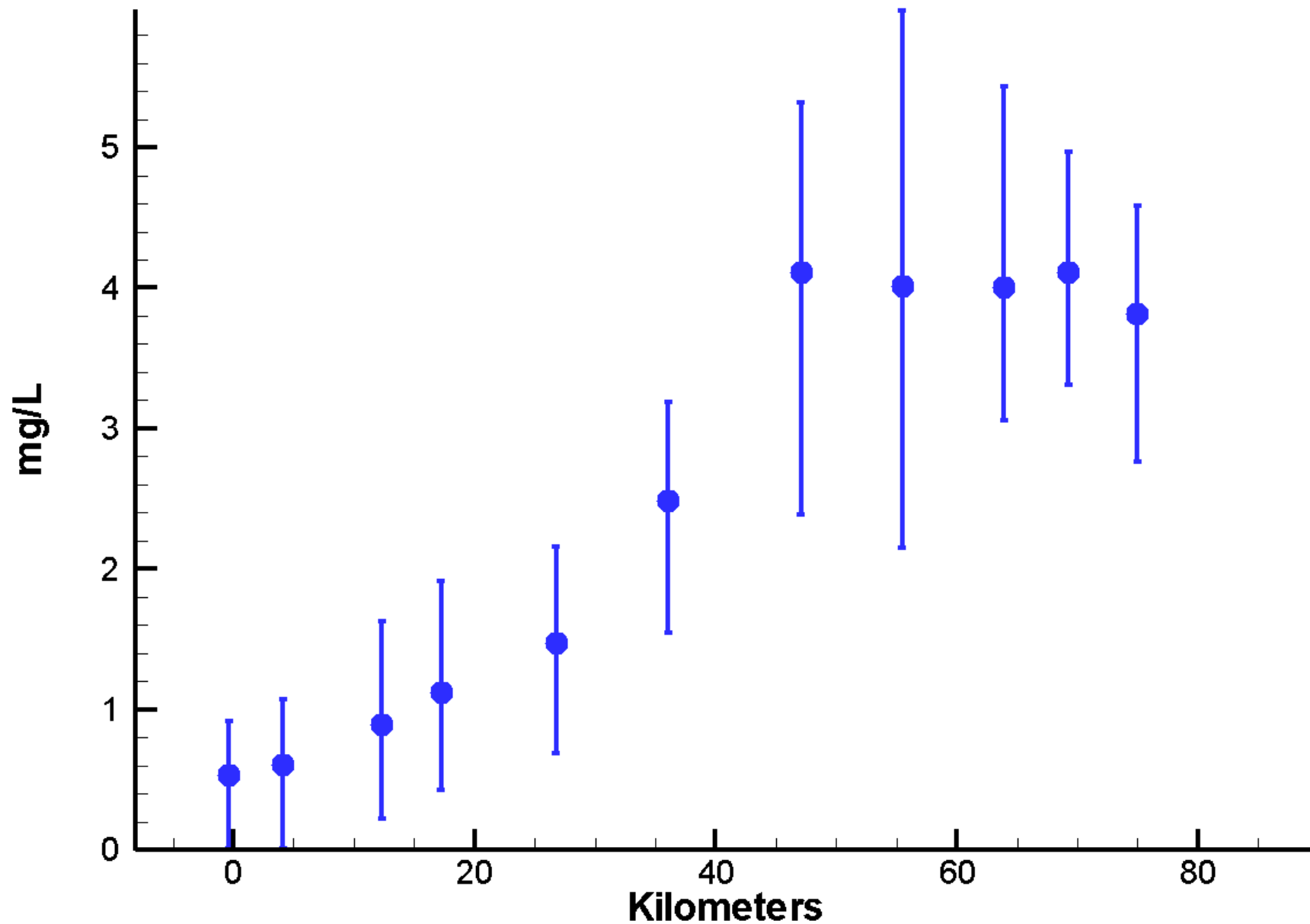
# Patuxent River Ches2015 Run118

## Bottom Dissolved Silica Spring 1996



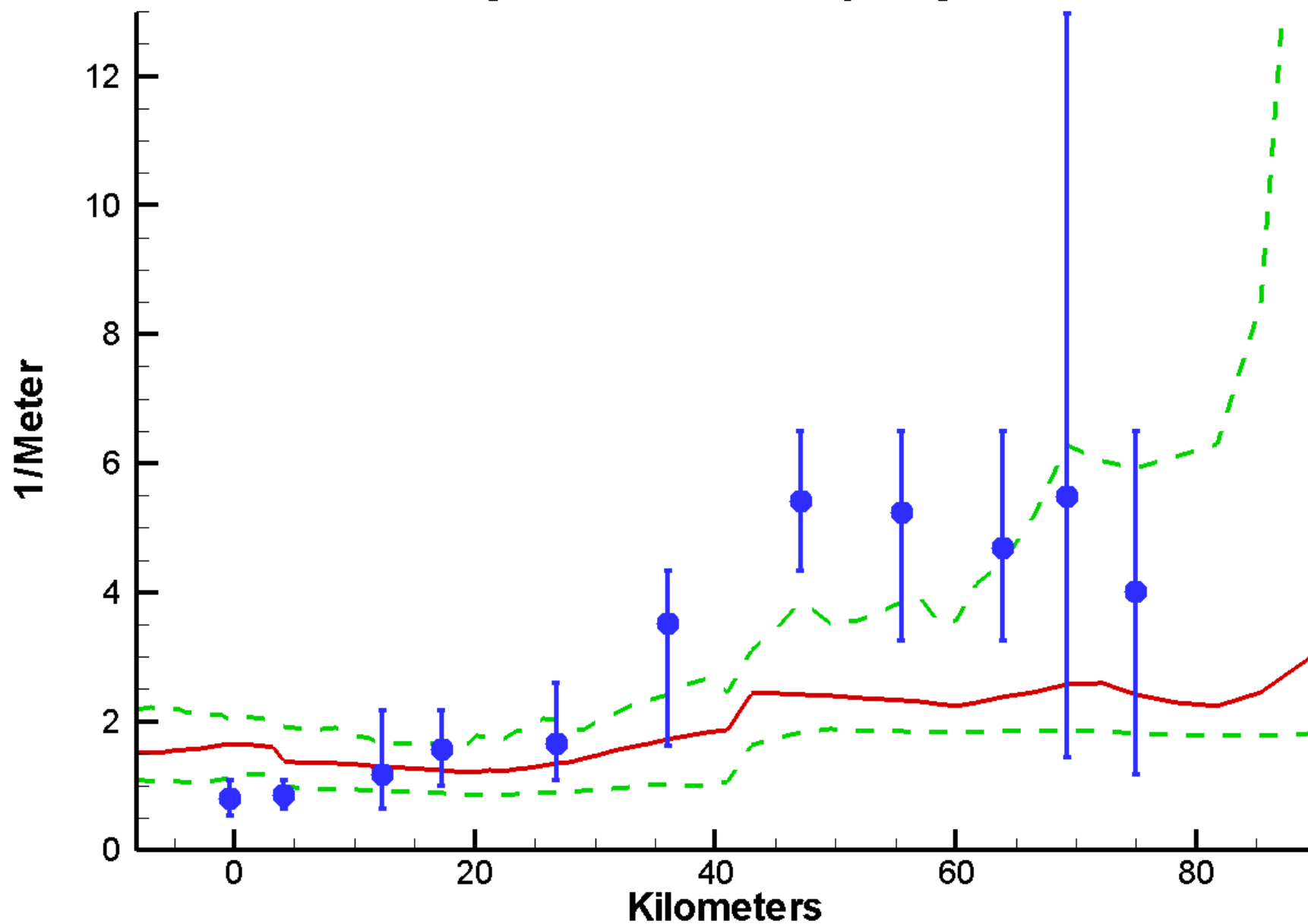
# Patuxent River Ches2015 Run118

## Surface Dissolved Silica Spring 1996



# Patuxent River Ches2015 Run118

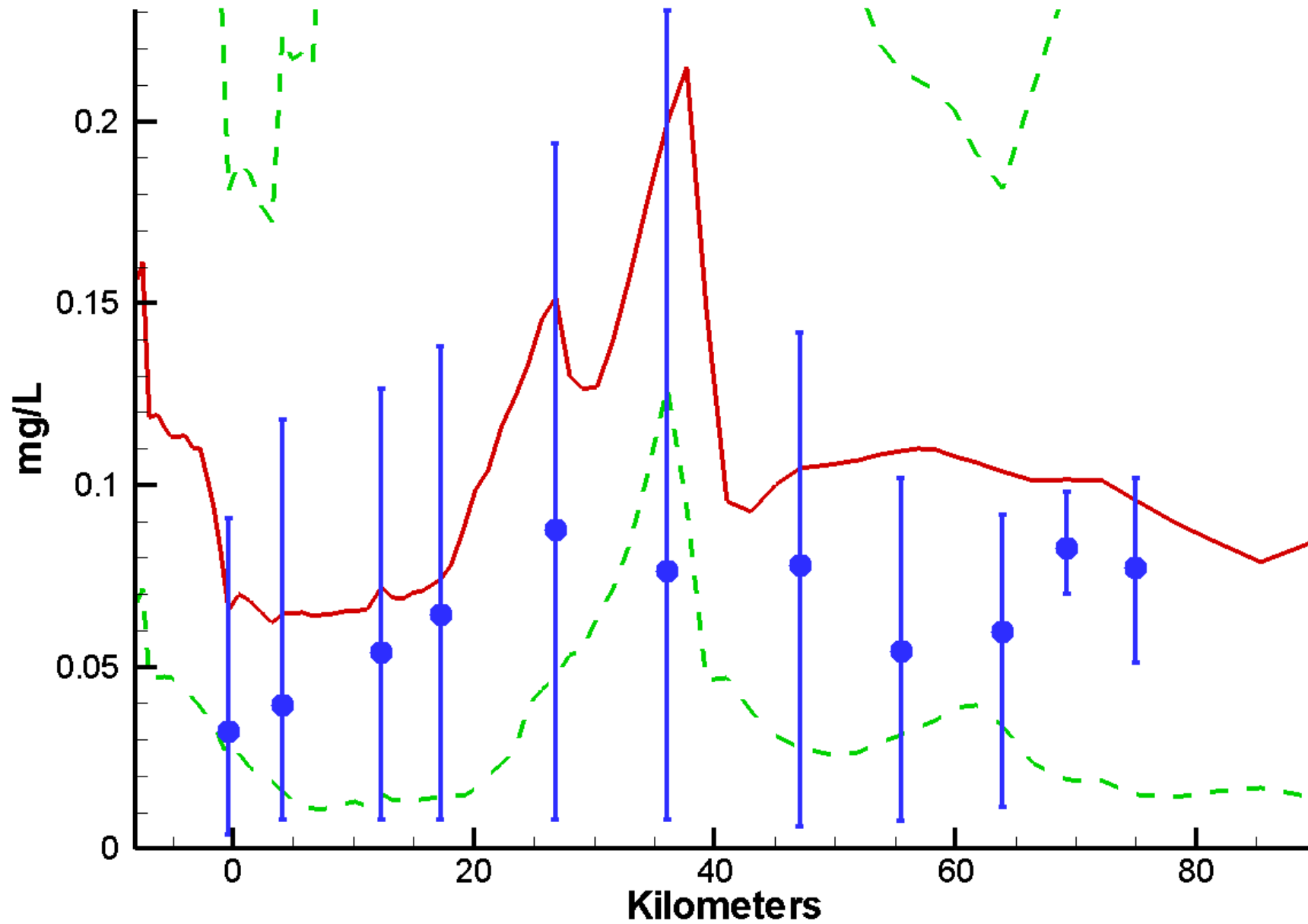
## Surface Light Extinction Spring 1996





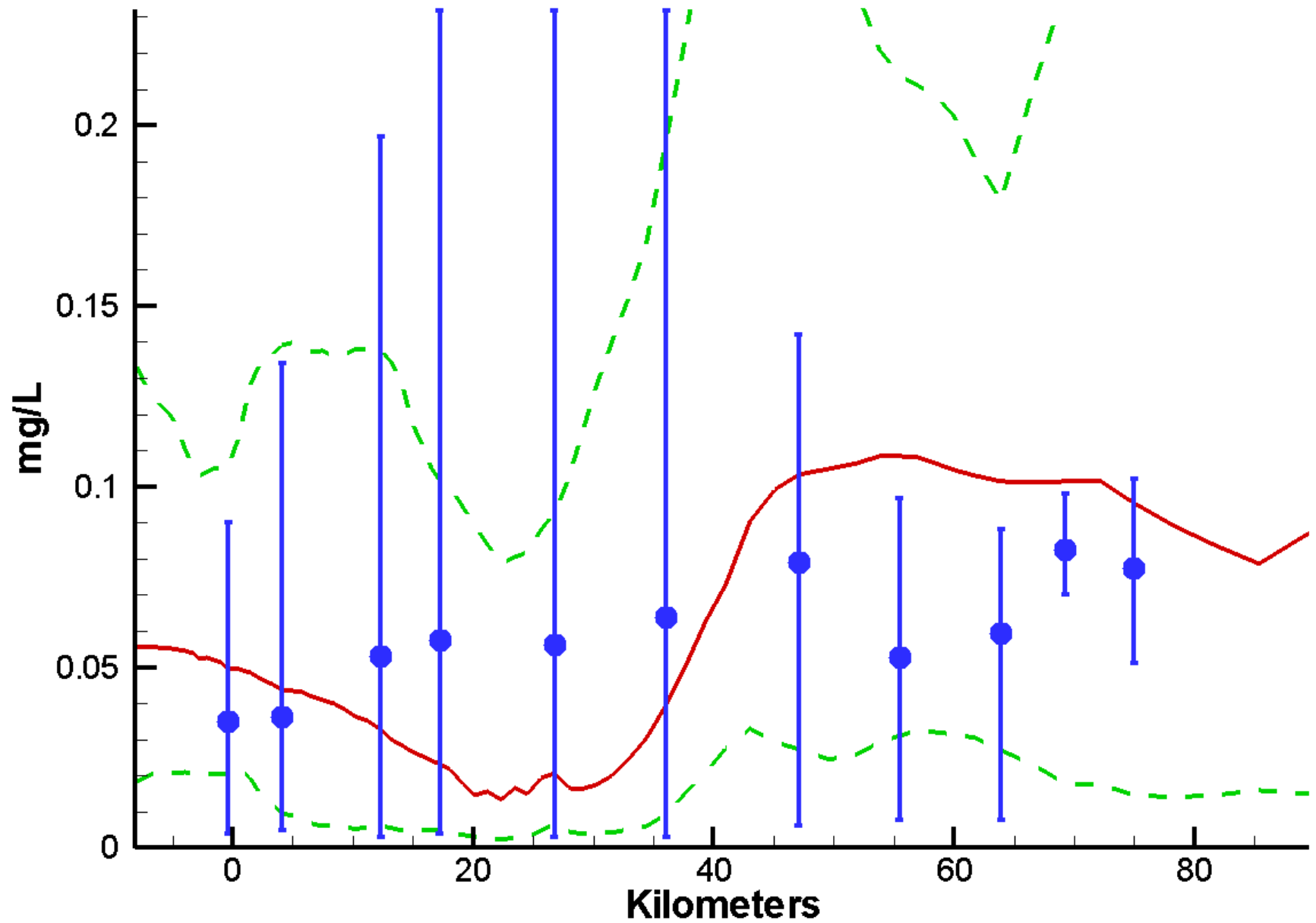
# Patuxent River Ches2015 Run118

## Bottom Ammonium Spring 1996



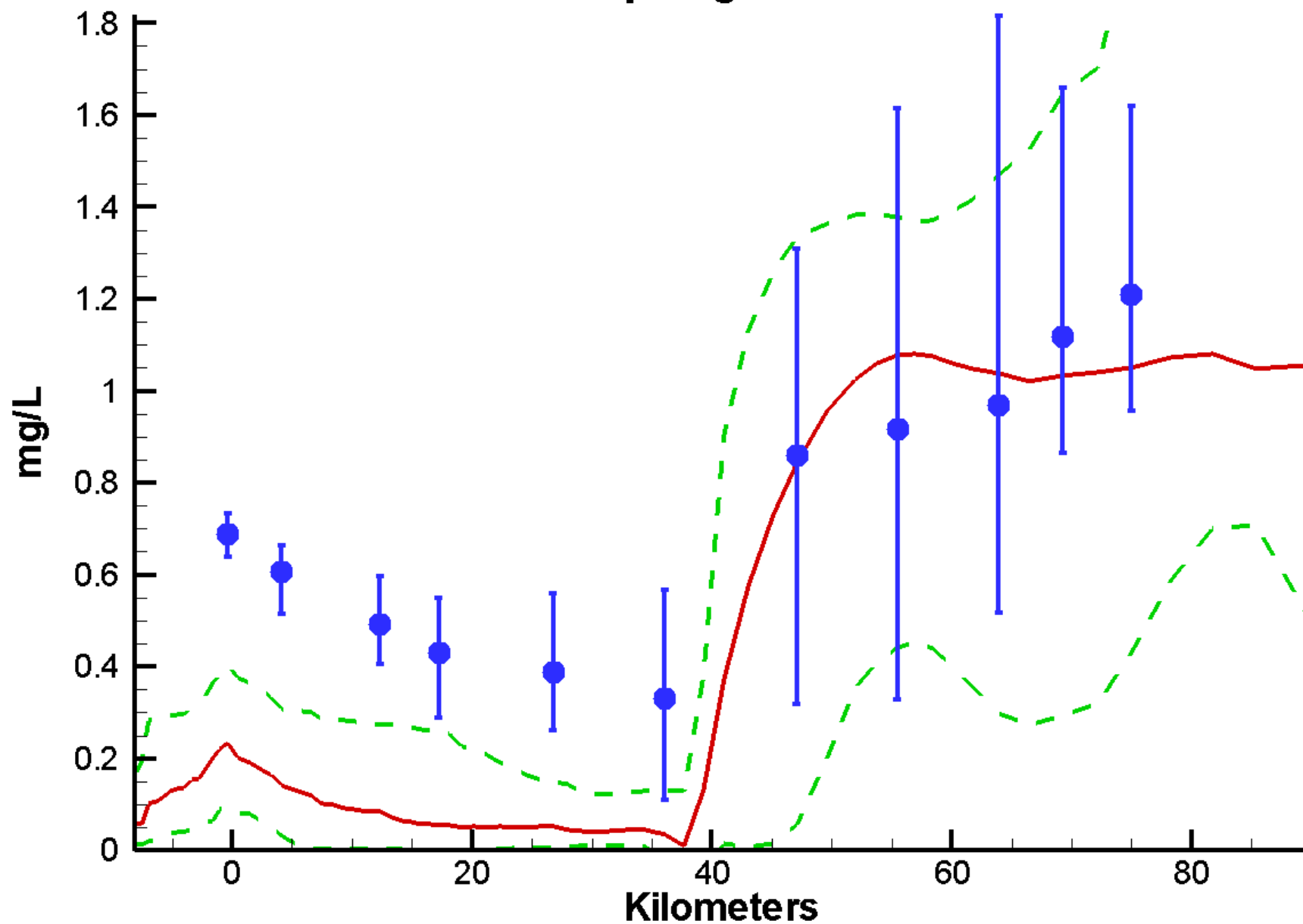
# Patuxent River Ches2015 Run118

## Surface Ammonium Spring 1996



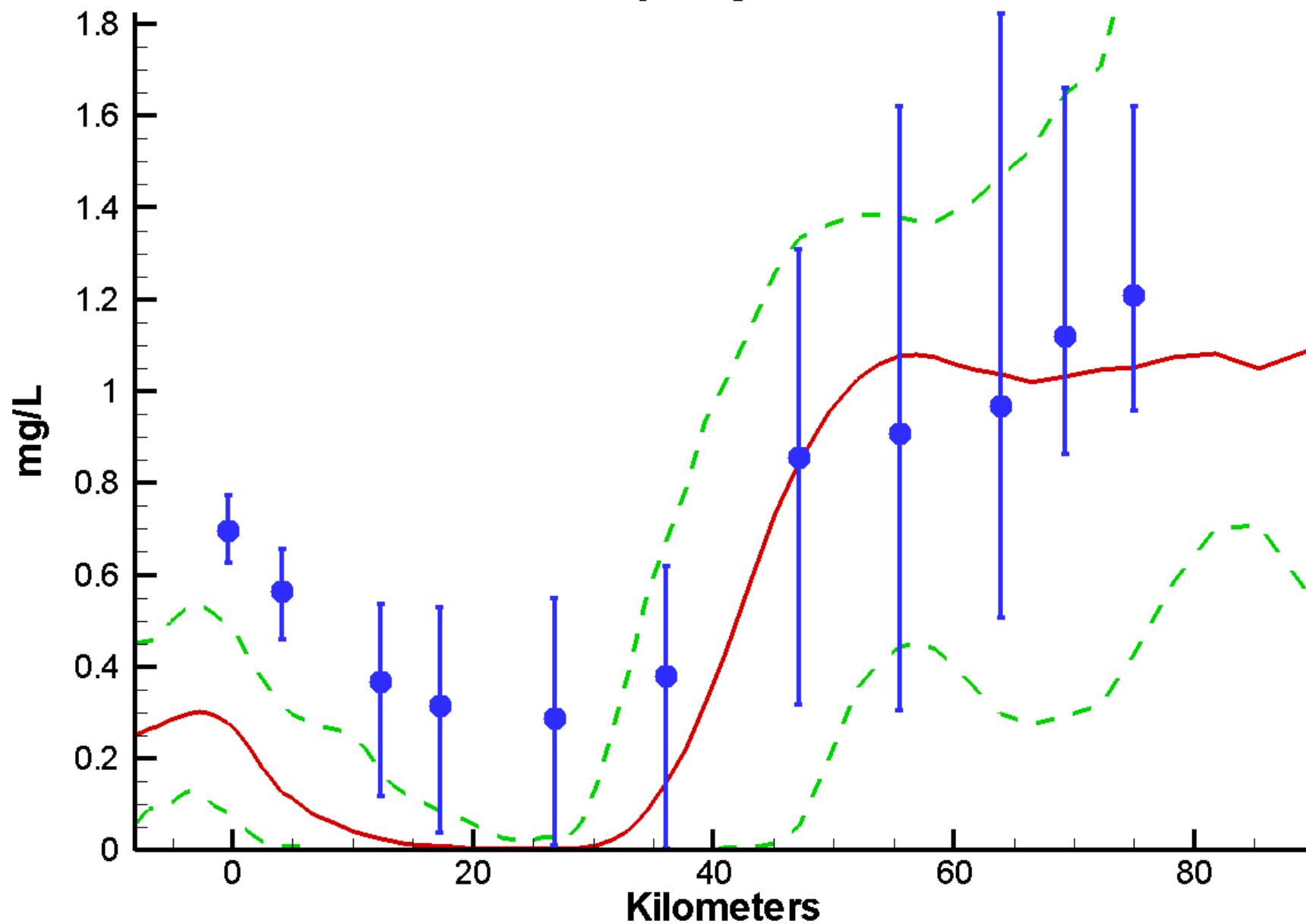
# Patuxent River Ches2015 Run118

## Bottom Nitrate Spring 1996

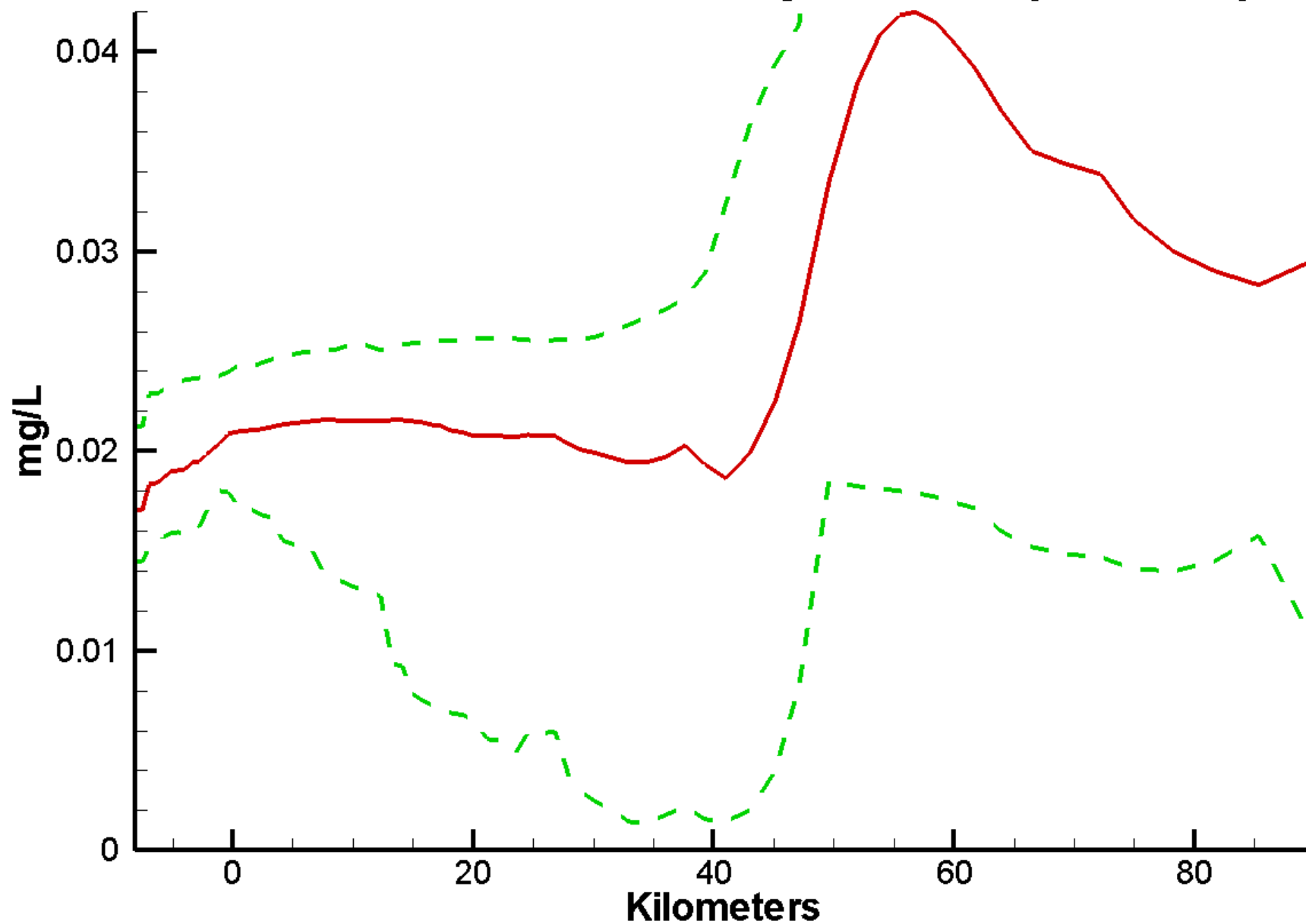


# Patuxent River Ches2015 Run118

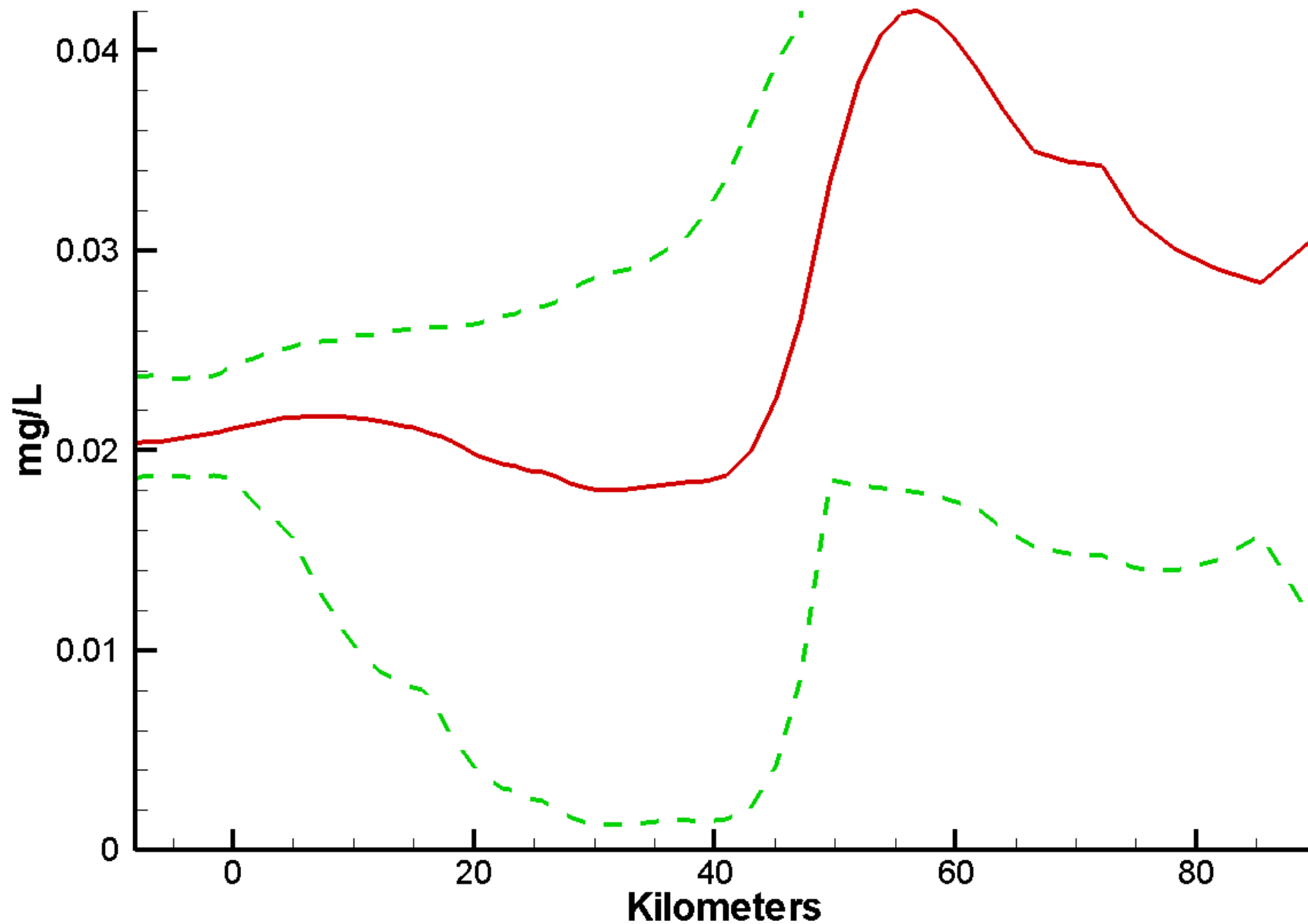
## Surface Nitrate Spring 1996



**Patuxent River Ches2015 Run118**  
**Bottom Particulate Inorganic Phosphorus Spring 1996**

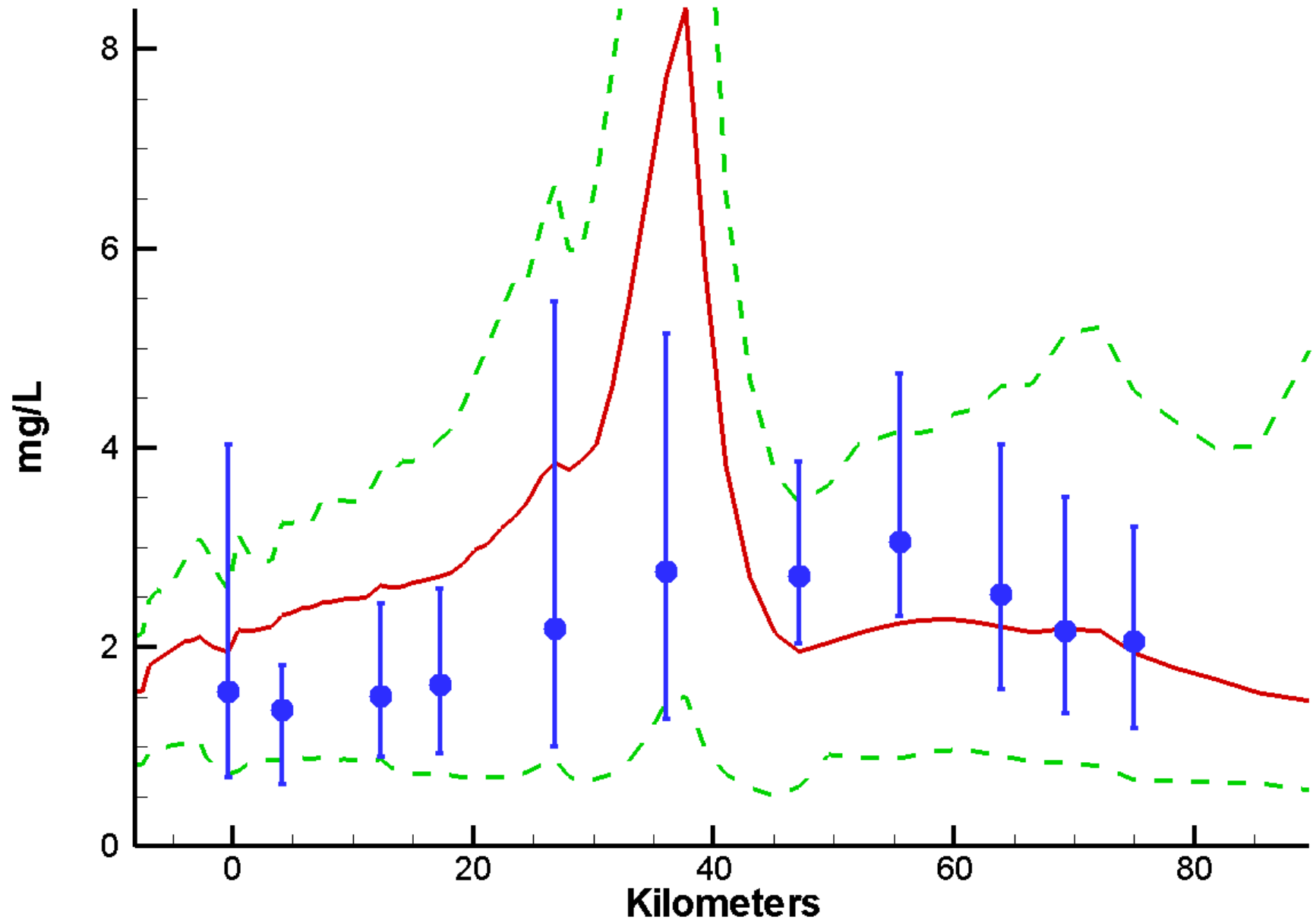


**Patuxent River Ches2015 Run118**  
**Surface Particulate Inorganic Phosphorus Spring 1996**



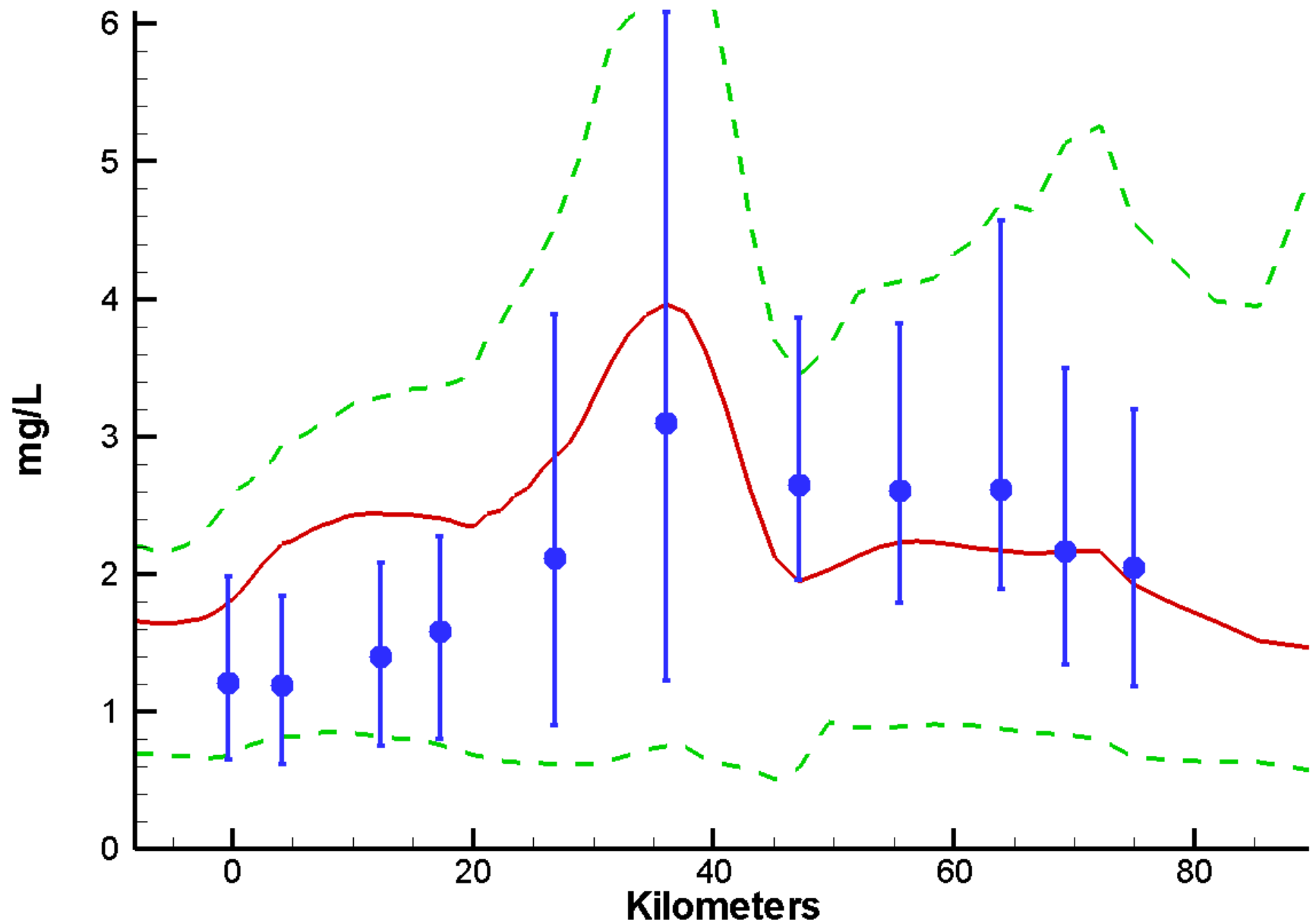
# Patuxent River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1996



# Patuxent River Ches2015 Run118

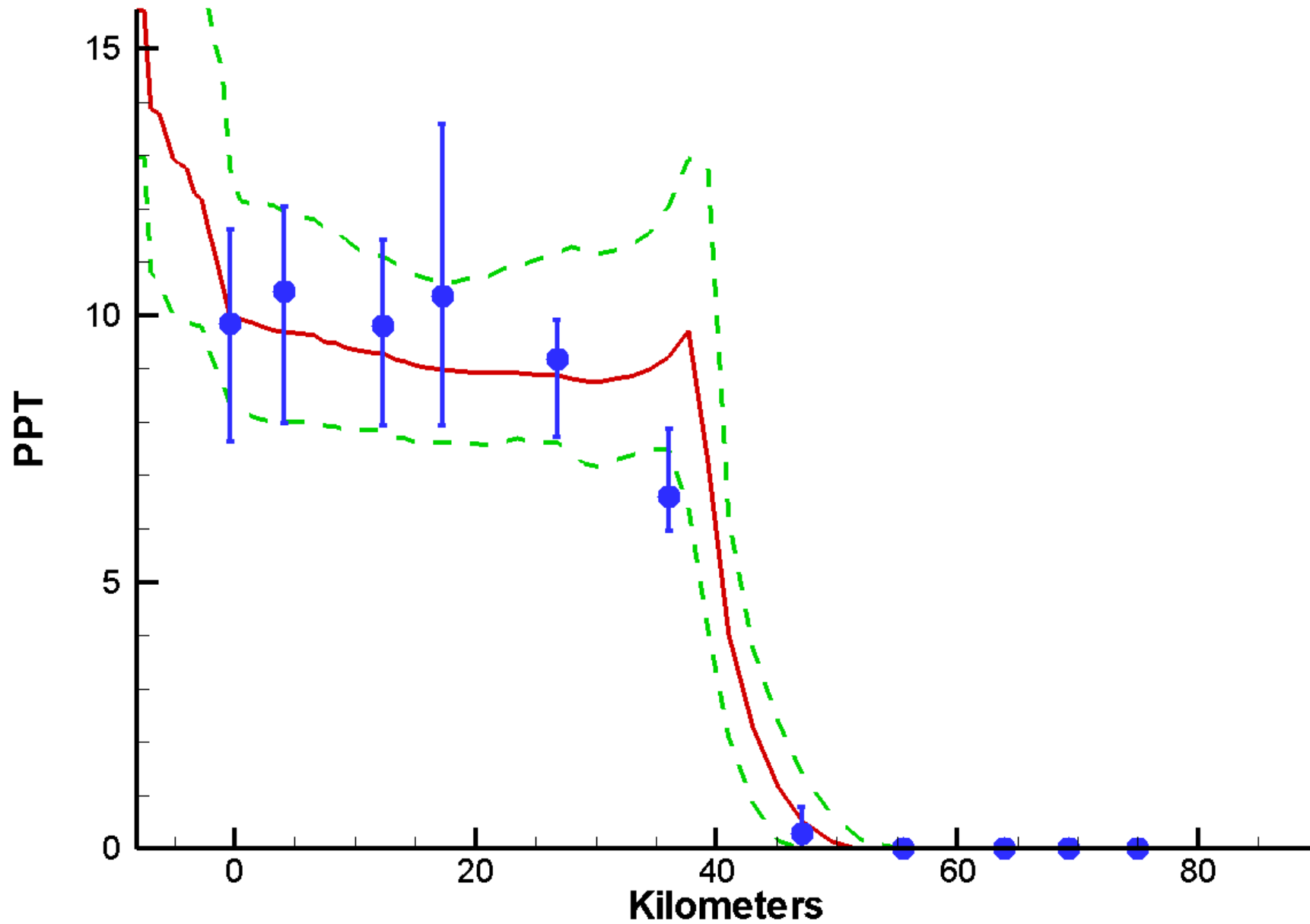
## Surface Particulate Organic Carbon Spring 1996





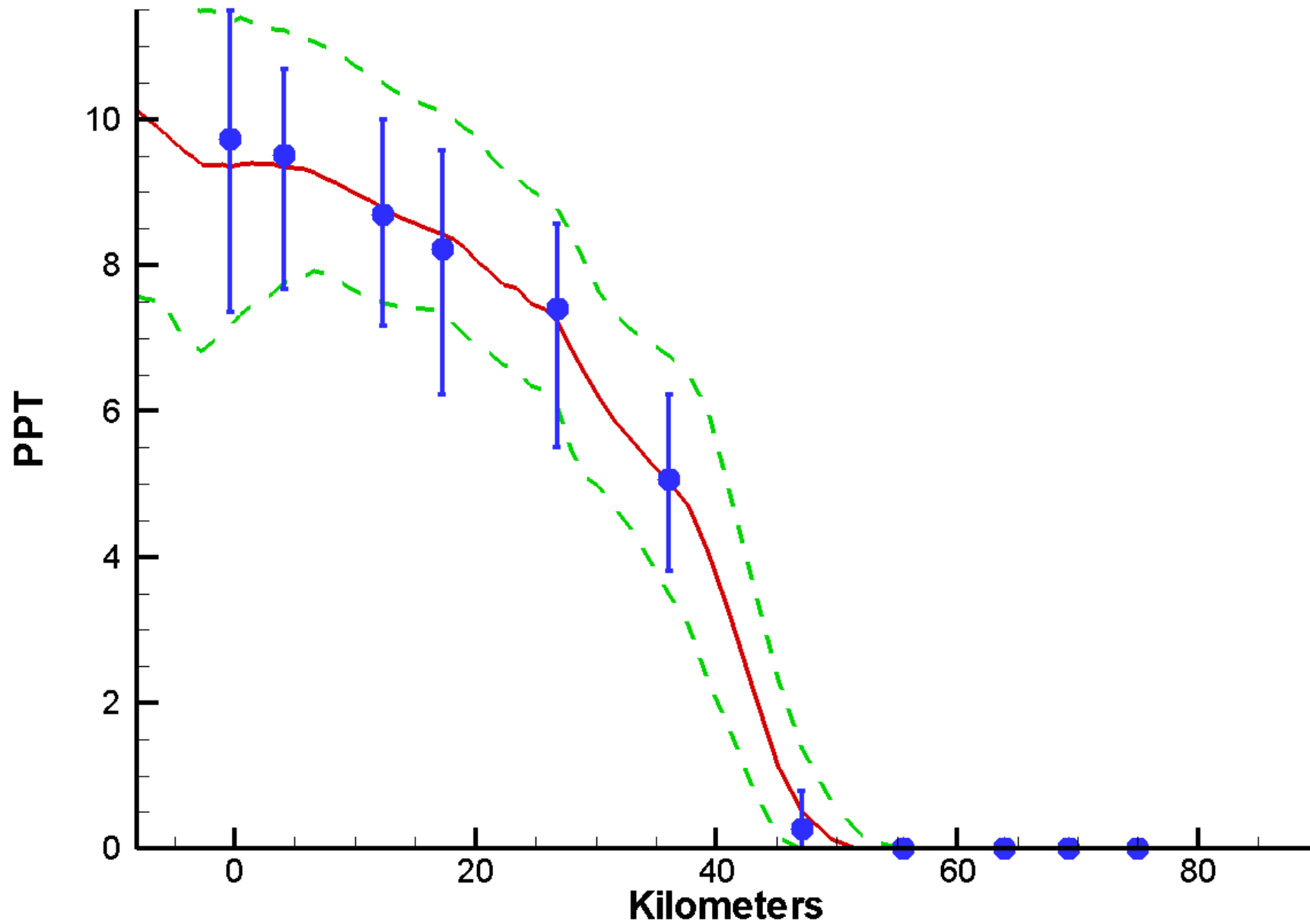
# Patuxent River Ches2015 Run118

## Bottom Salinity Spring 1996



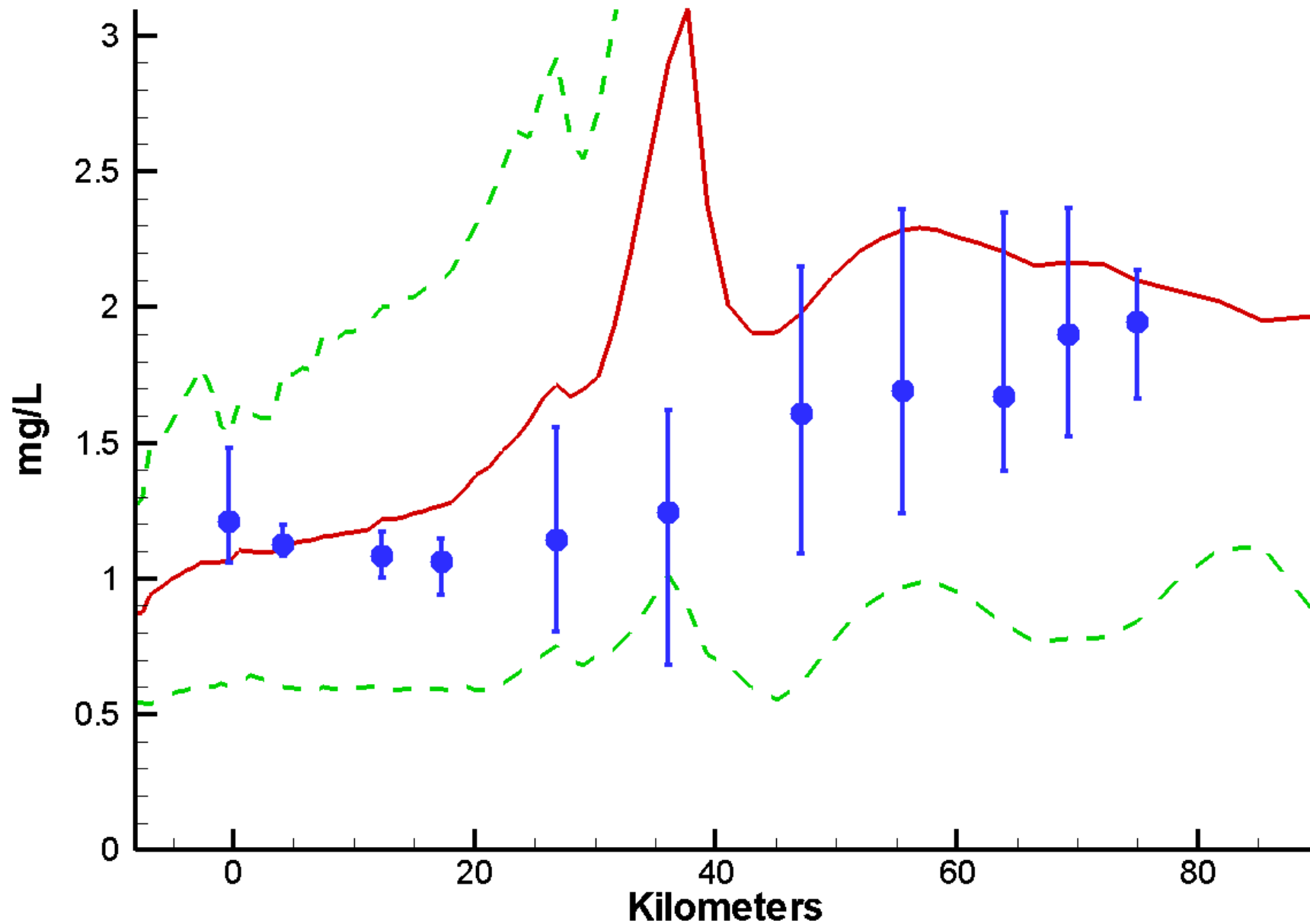
# Patuxent River Ches2015 Run118

## Surface Salinity Spring 1996



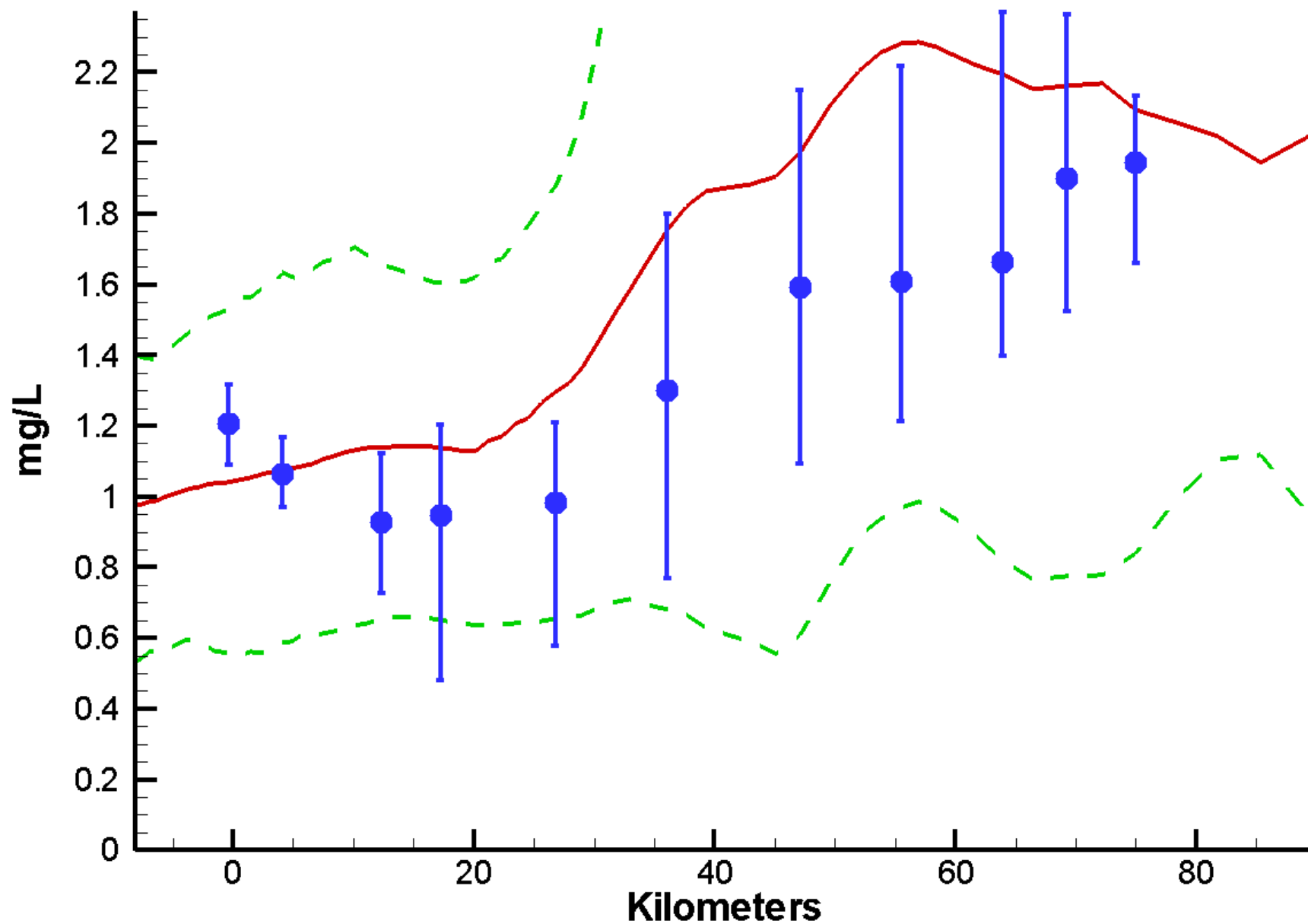
# Patuxent River Ches2015 Run118

## Bottom Total Nitrogen Spring 1996

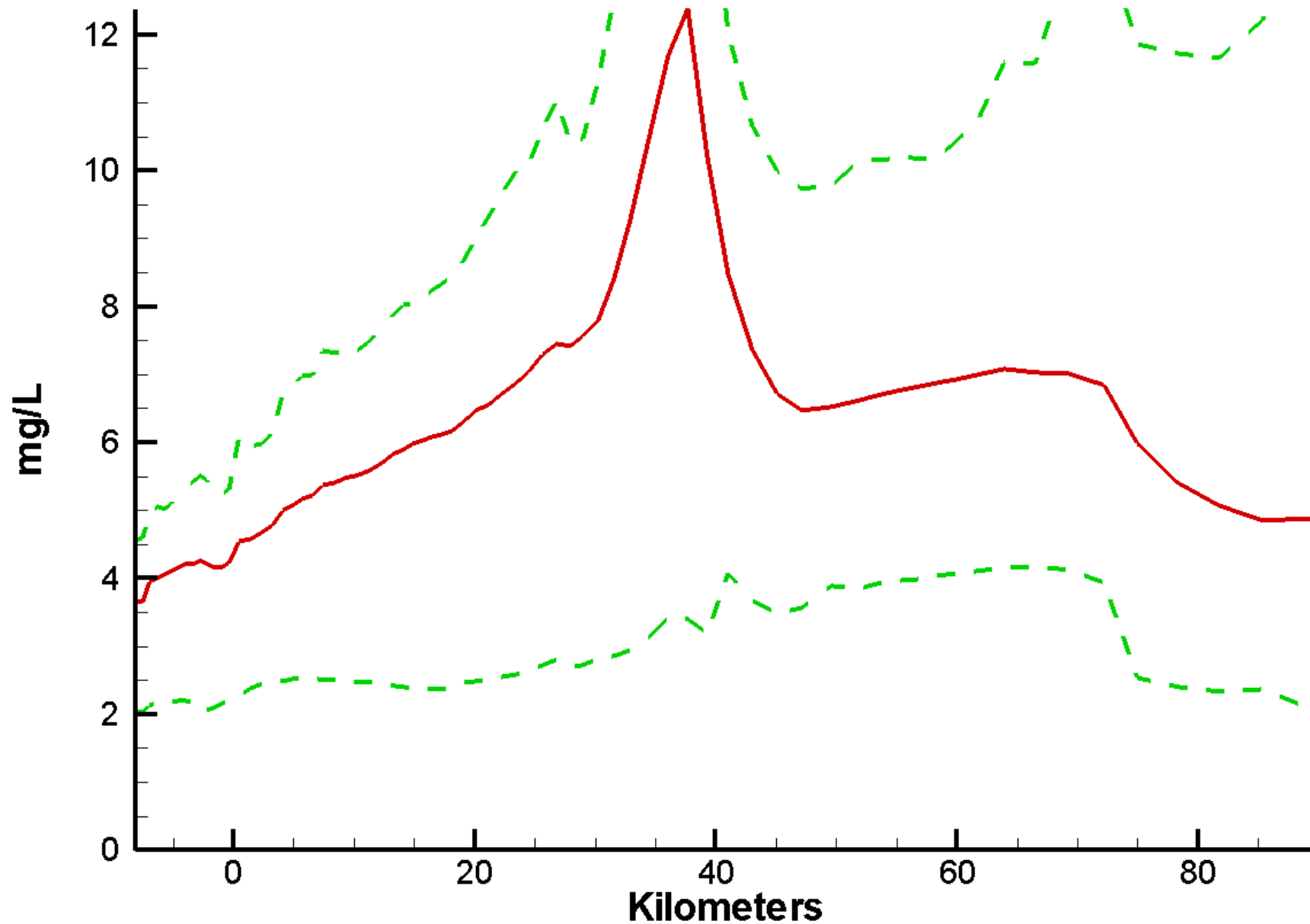


# Patuxent River Ches2015 Run118

## Surface Total Nitrogen Spring 1996

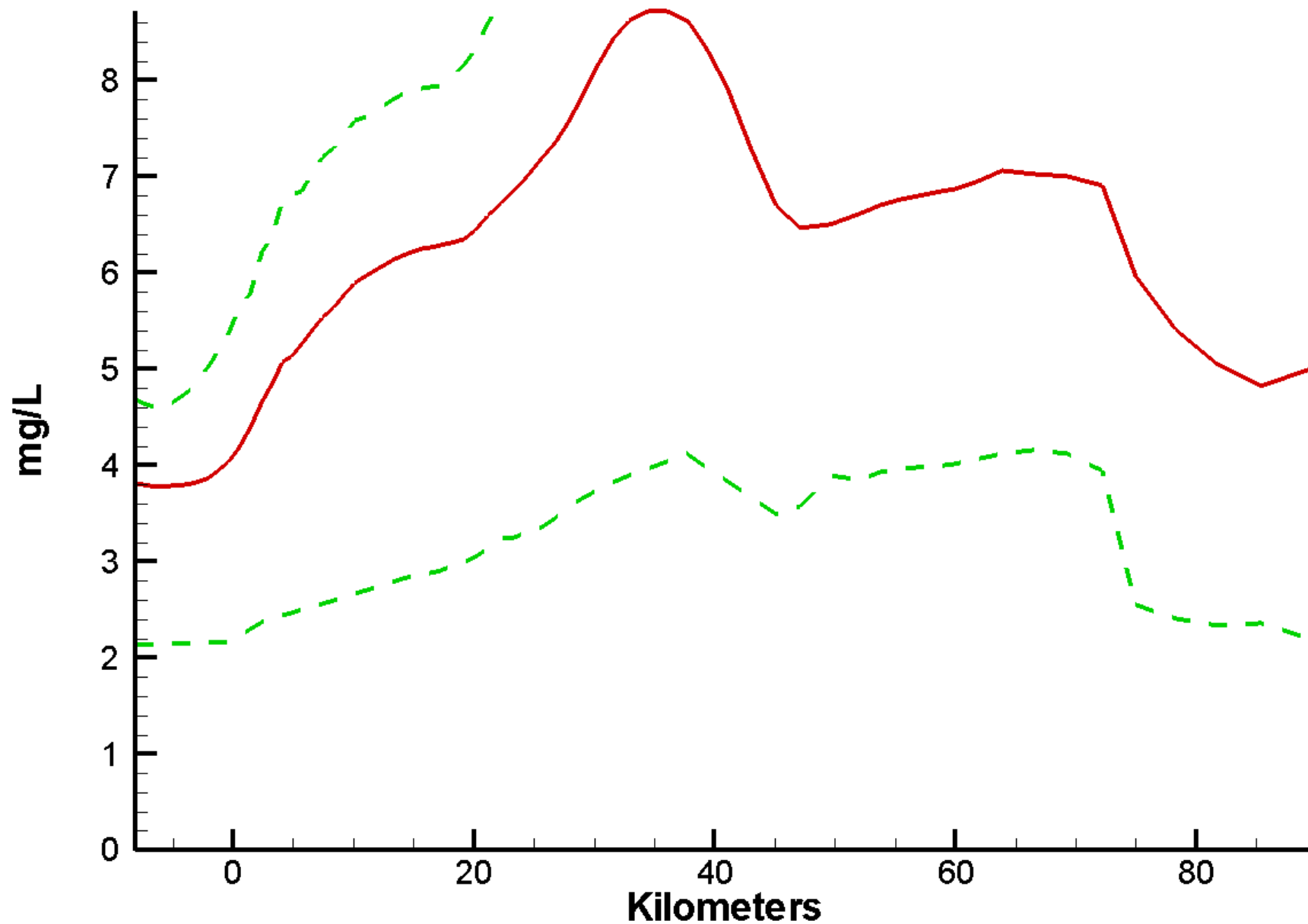


**Patuxent River Ches2015 Run118**  
**Bottom Total Organic Carbon Spring 1996**



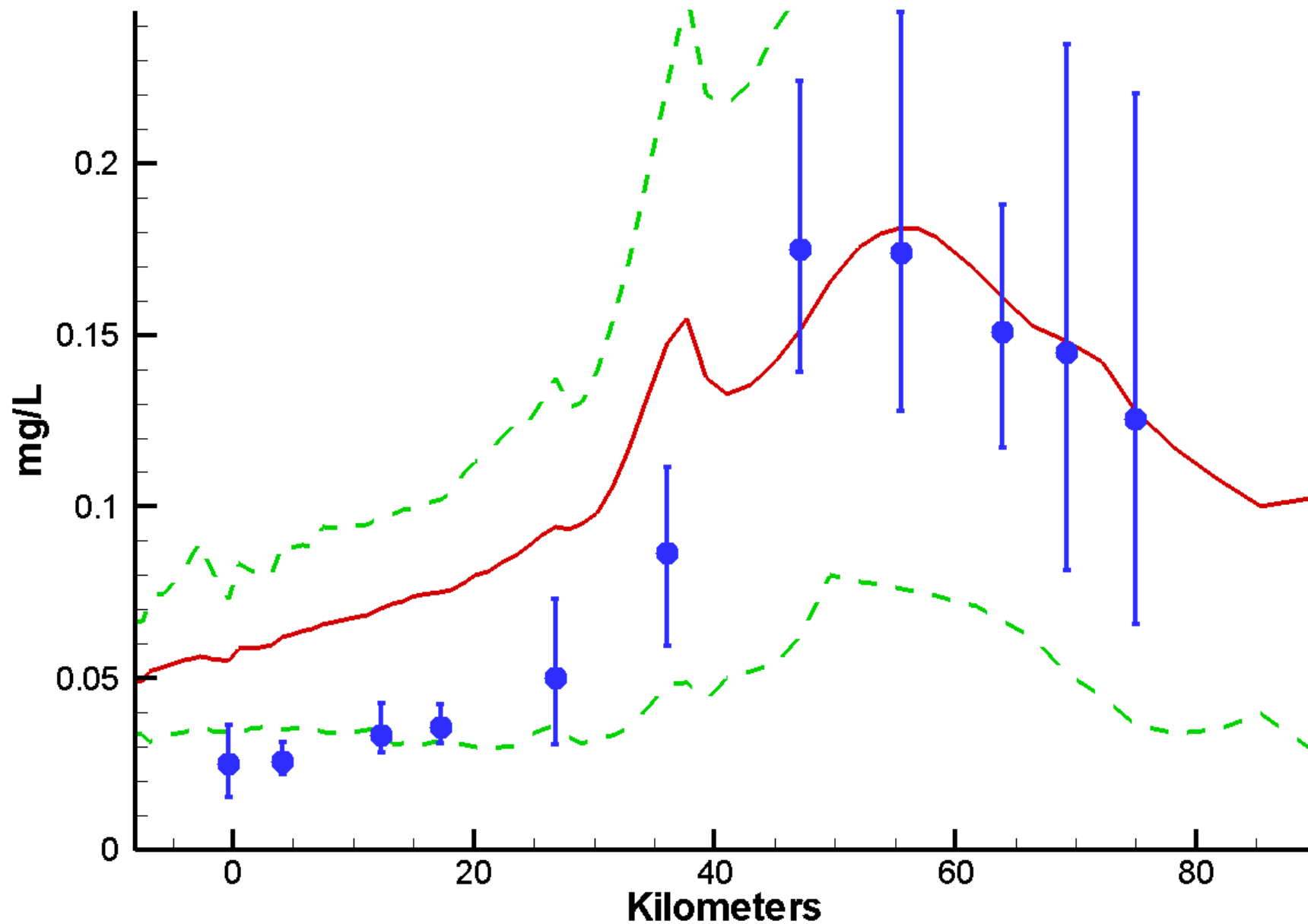
# Patuxent River Ches2015 Run118

## Surface Total Organic Carbon Spring 1996



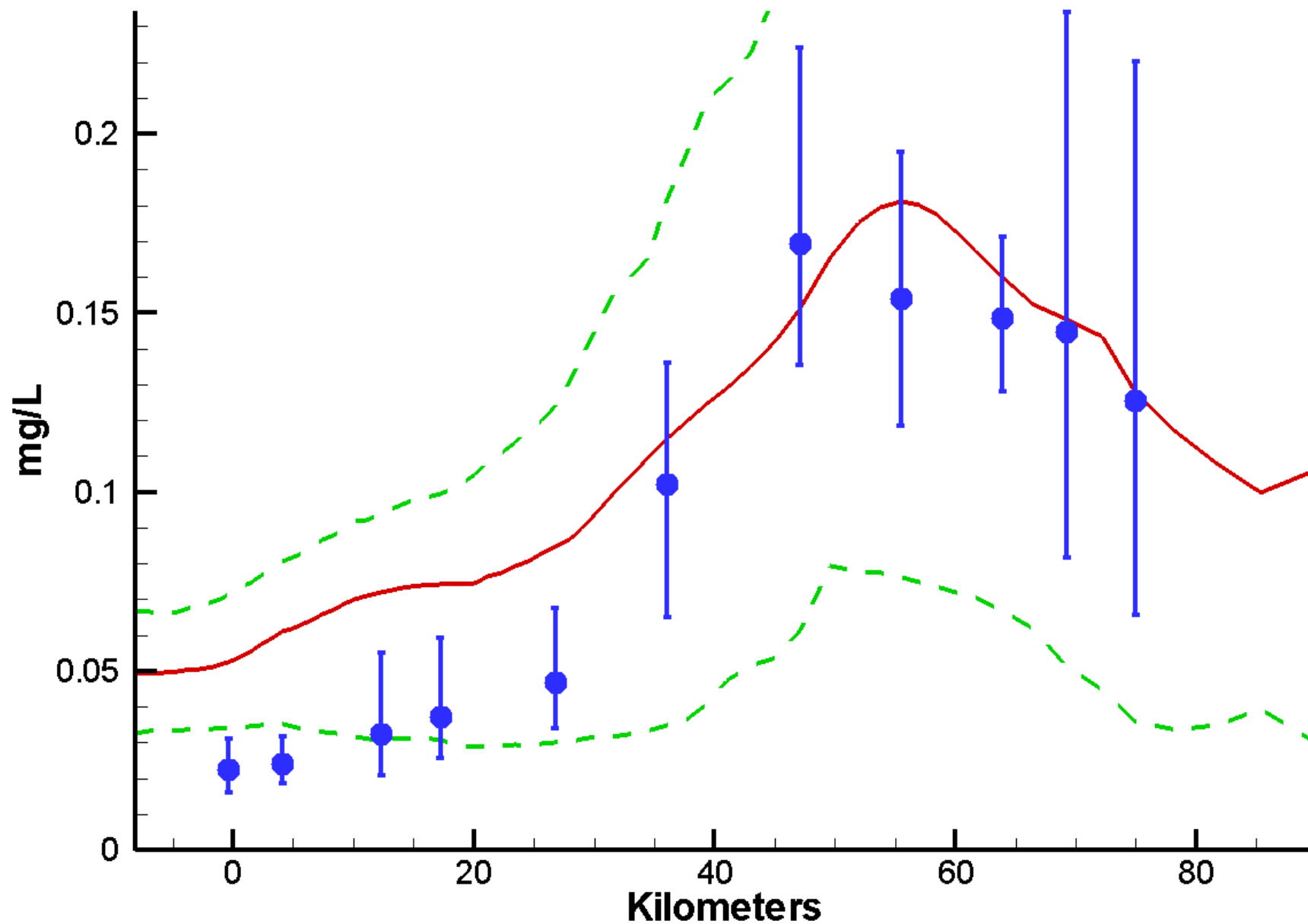
# Patuxent River Ches2015 Run118

## Bottom Total Phosphorus Spring 1996



# Patuxent River Ches2015 Run118

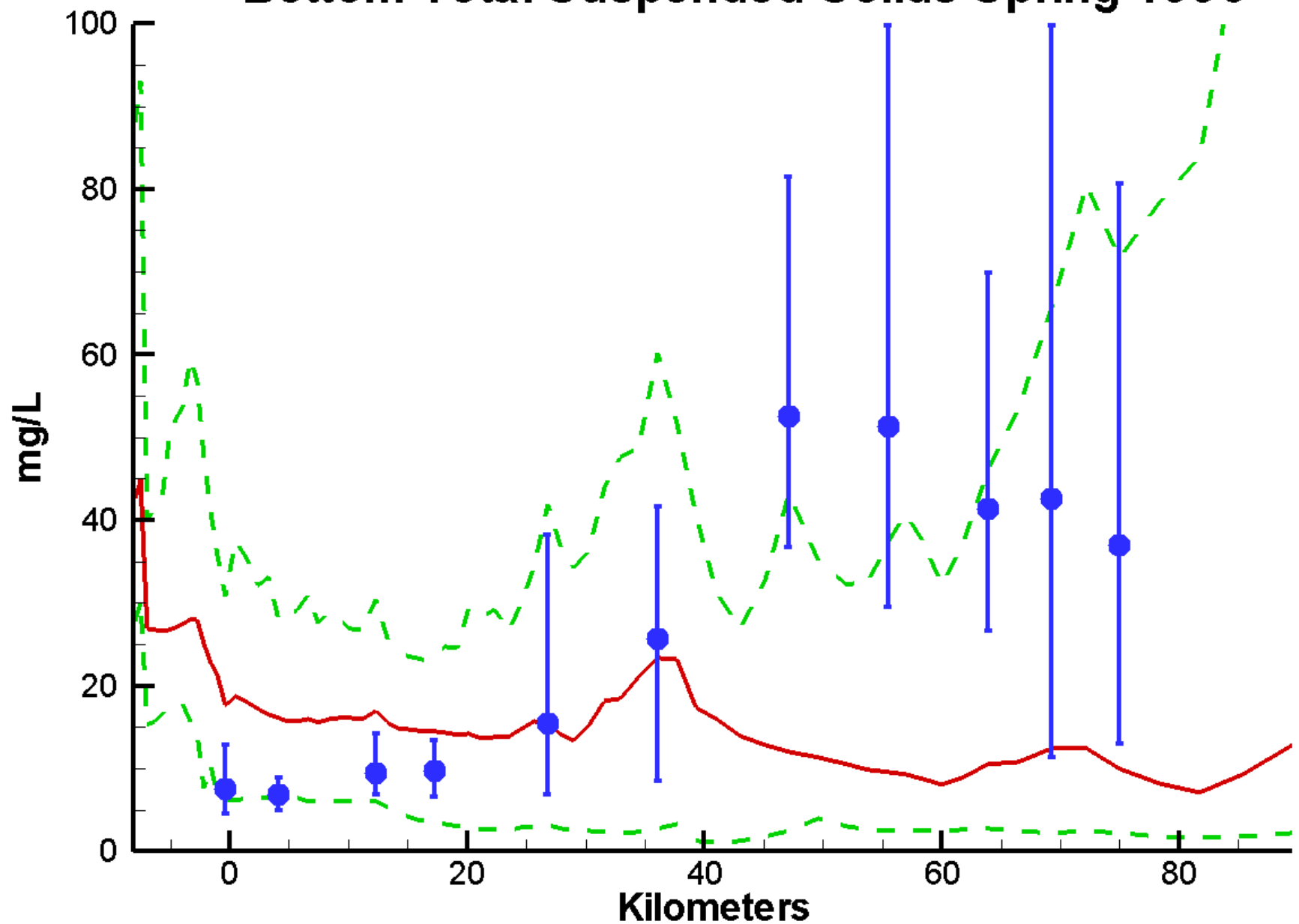
## Surface Total Phosphorus Spring 1996





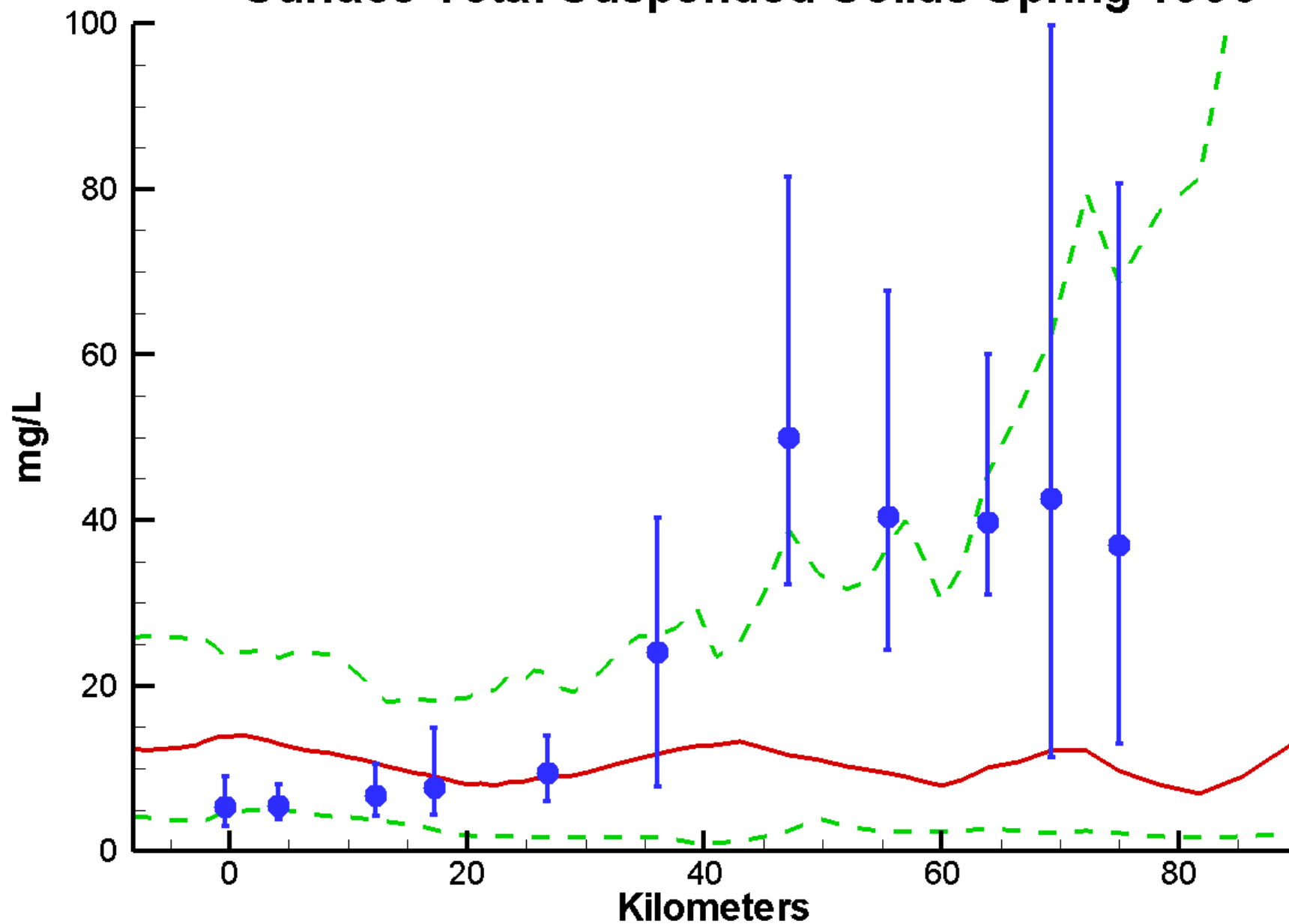
# Patuxent River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1996



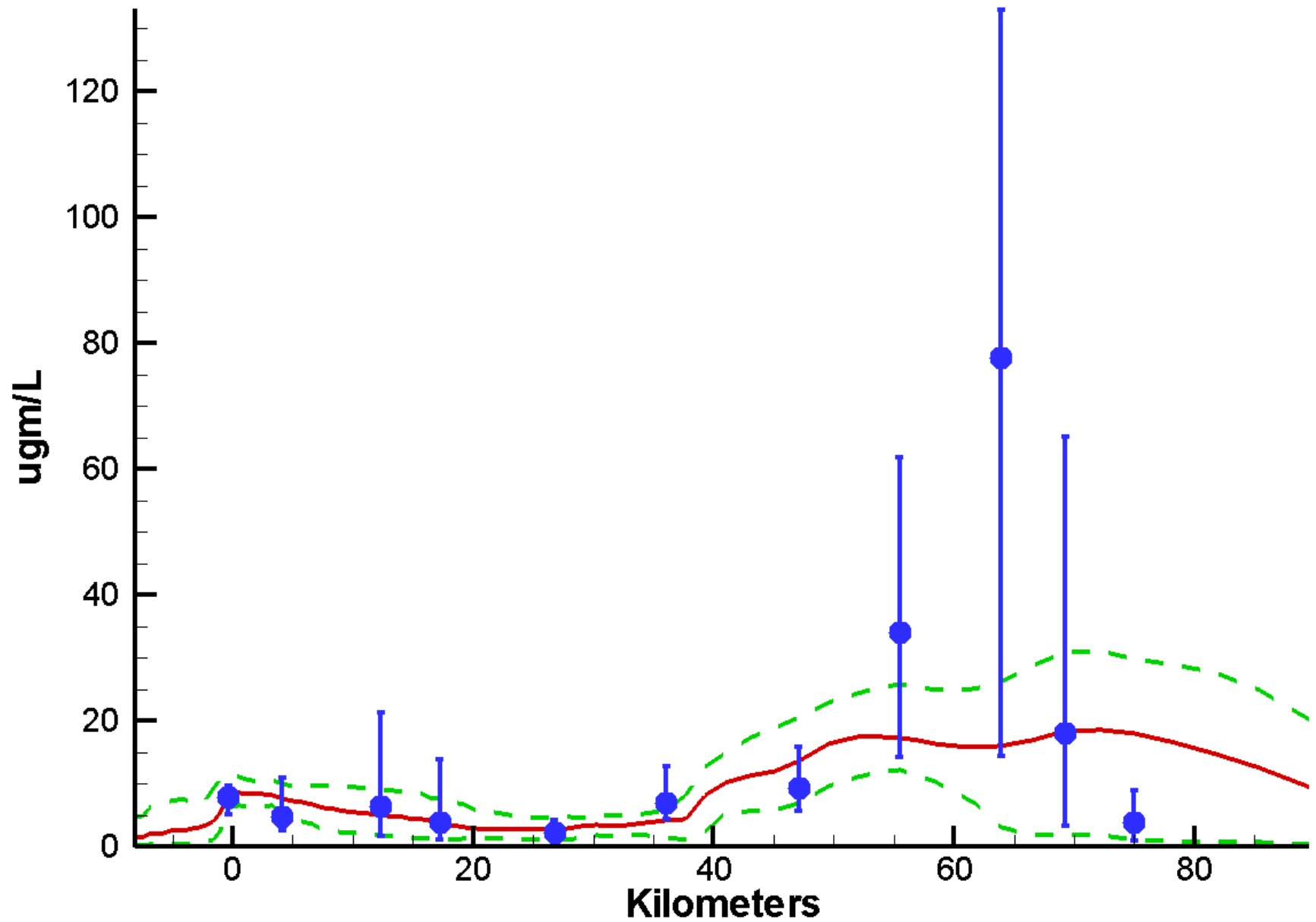
# Patuxent River Ches2015 Run118

## Surface Total Suspended Solids Spring 1996



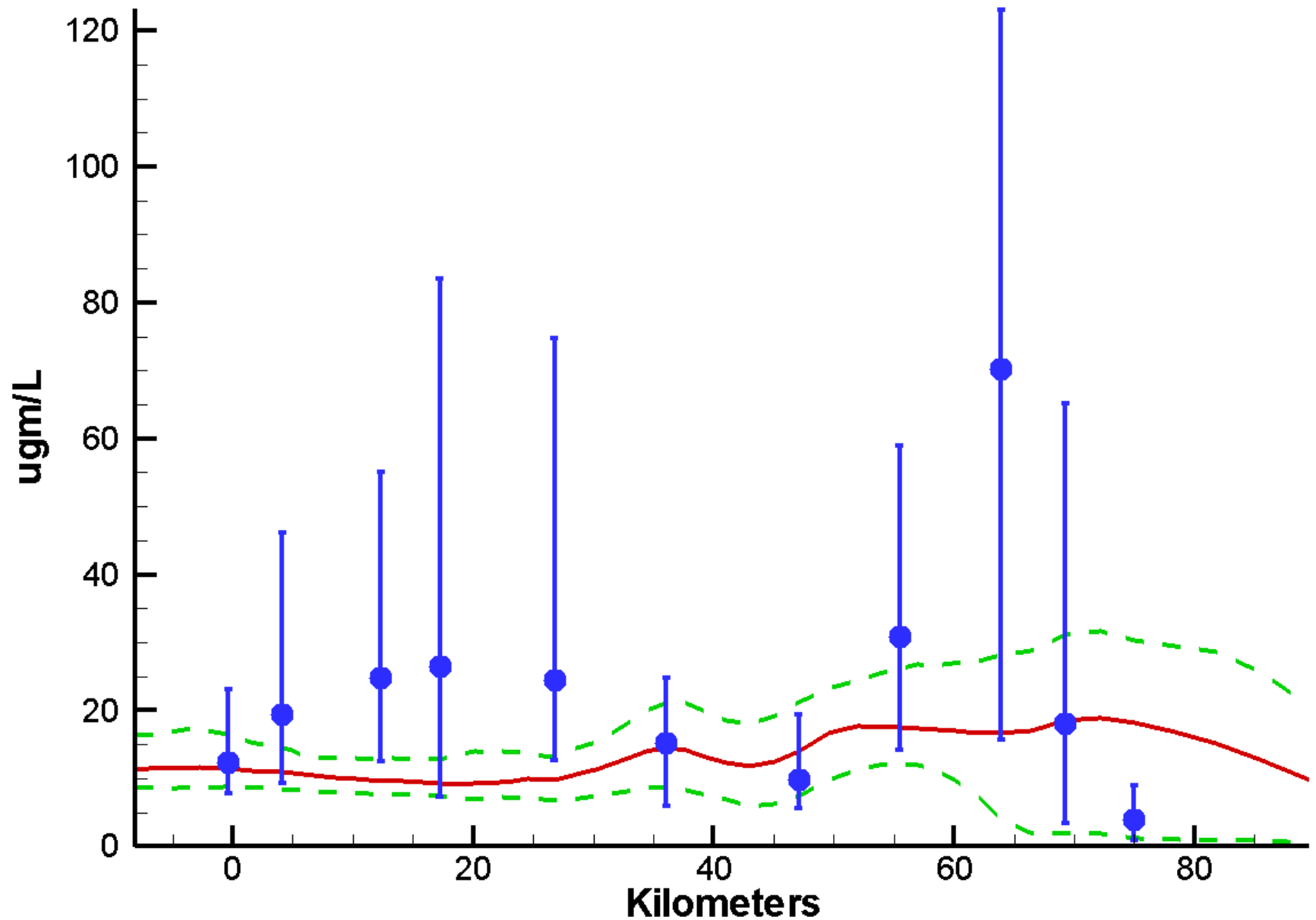
# Patuxent River Ches2015 Run118

## Bottom Chlorophyll Summer 1996



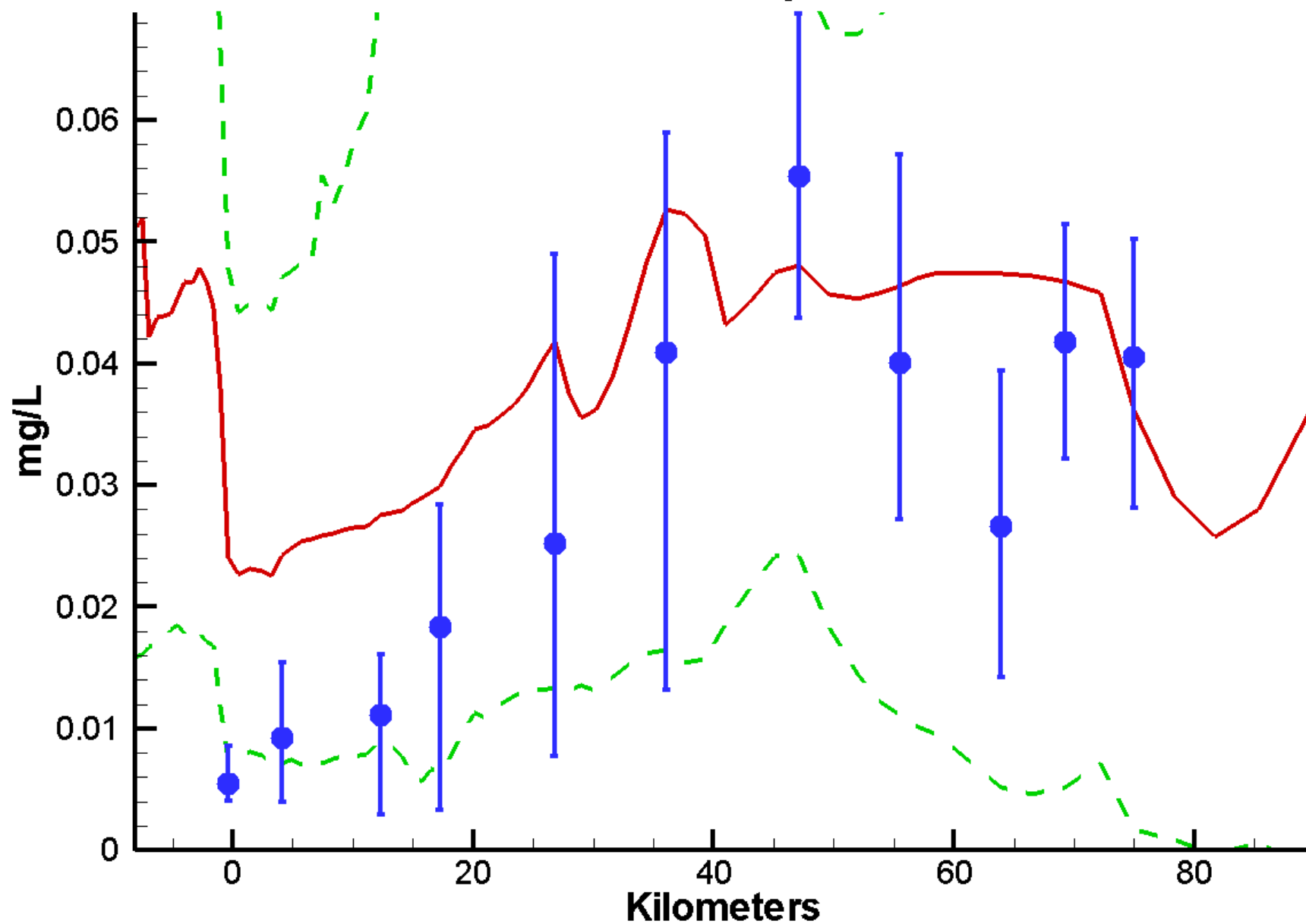
# Patuxent River Ches2015 Run118

## Surface Chlorophyll Summer 1996



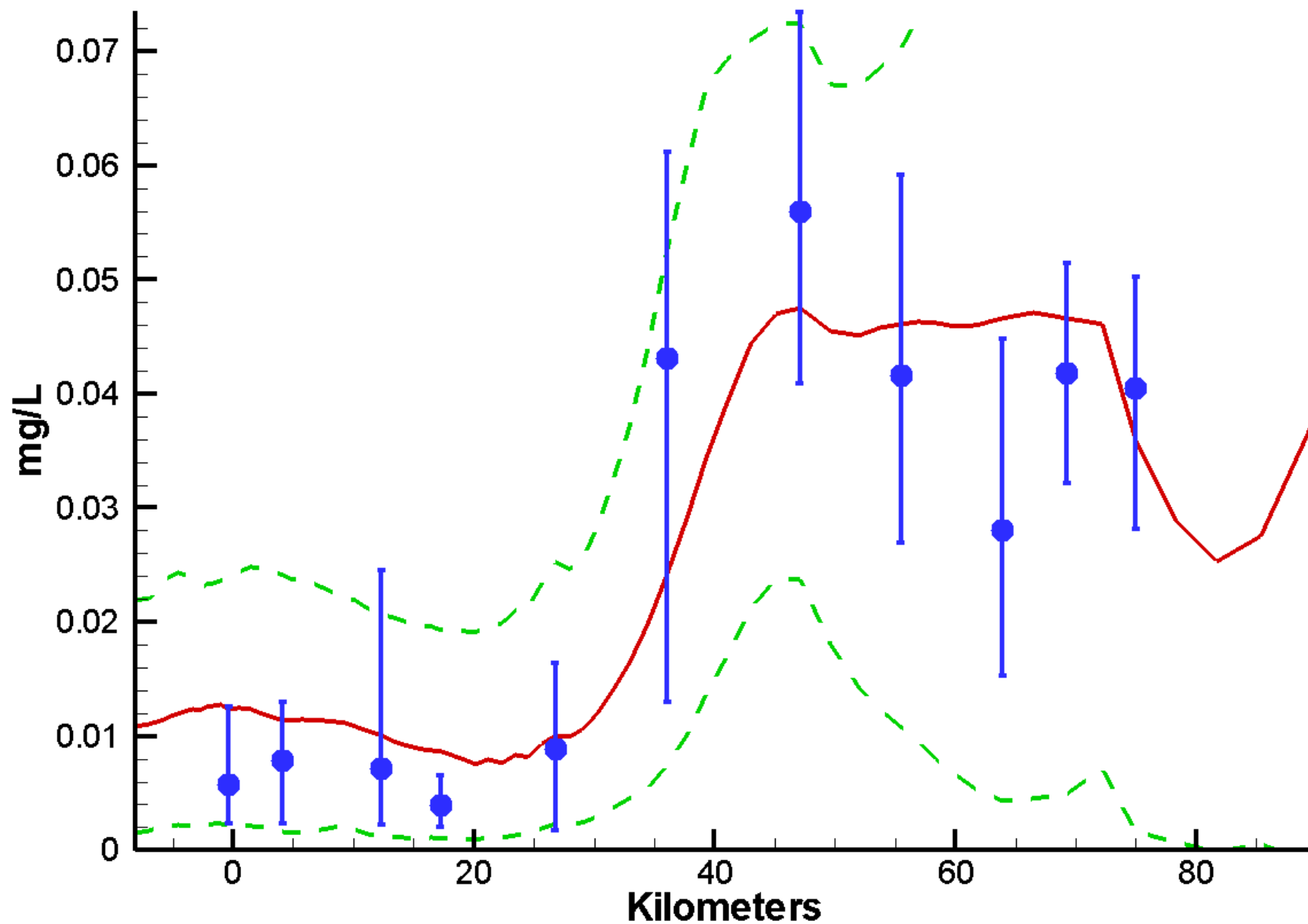
# Patuxent River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1996



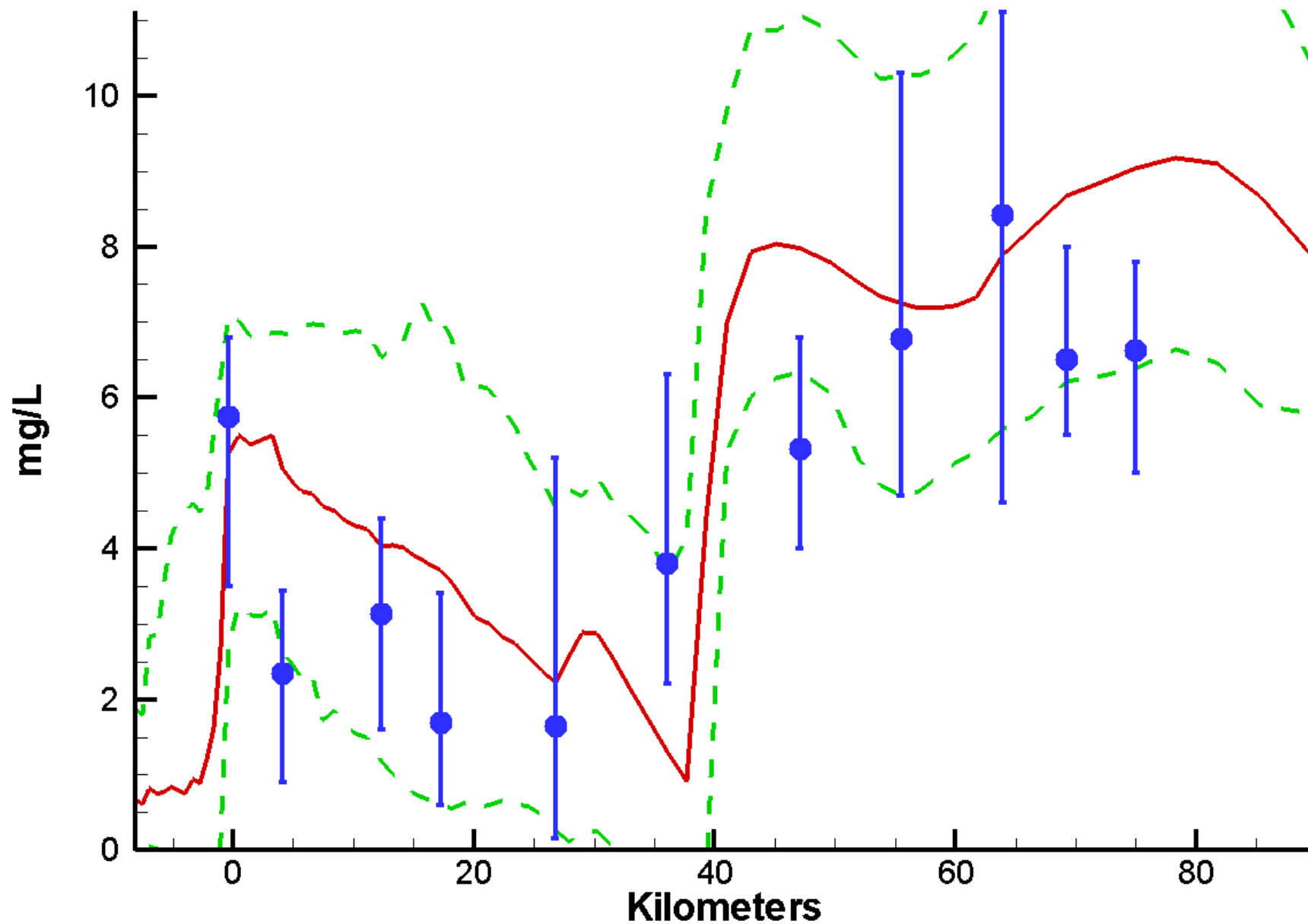
# Patuxent River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1996



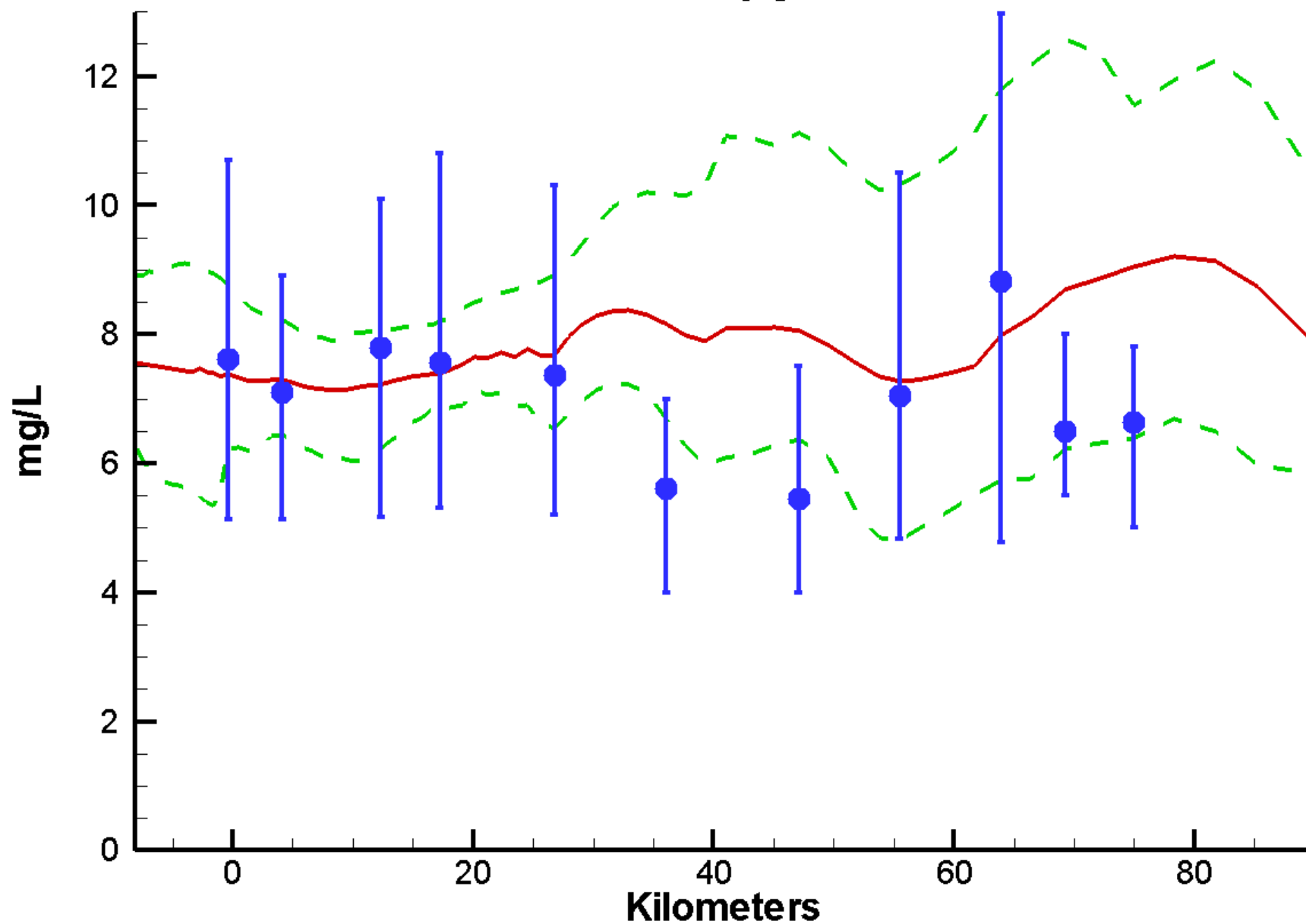
# Patuxent River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1996



# Patuxent River Ches2015 Run118

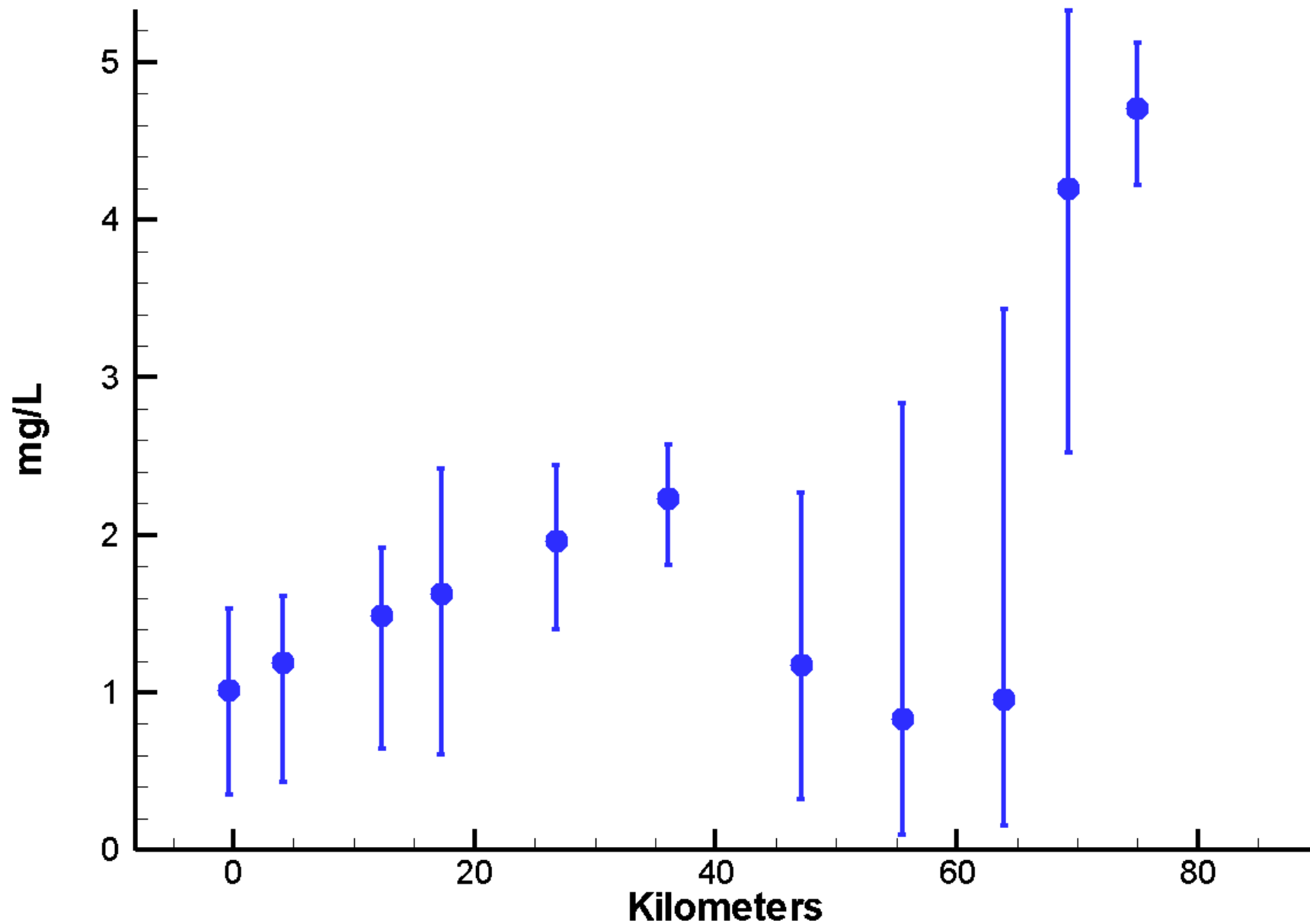
## Surface Dissolved Oxygen Summer 1996





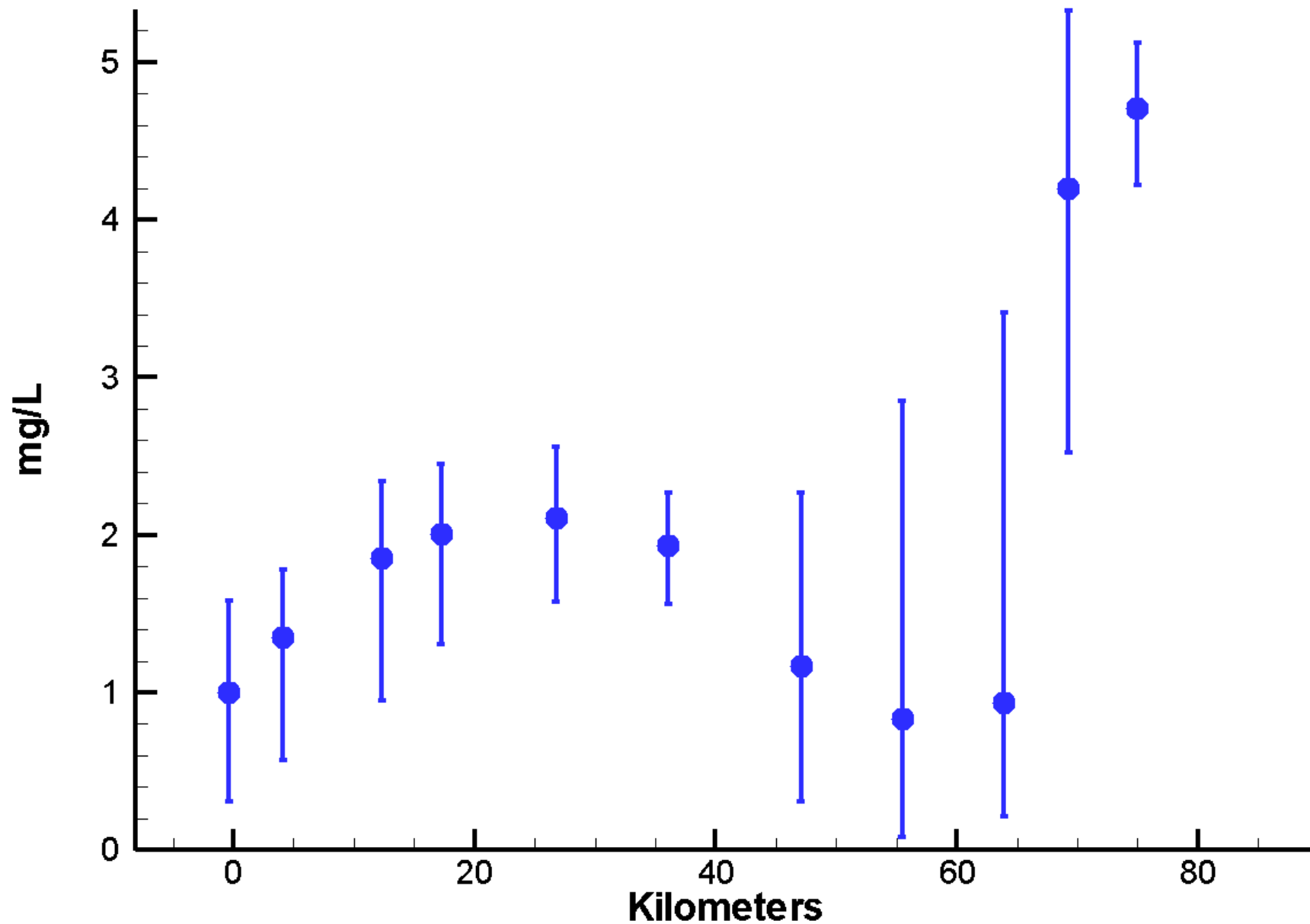
# Patuxent River Ches2015 Run118

## Bottom Dissolved Silica Summer 1996



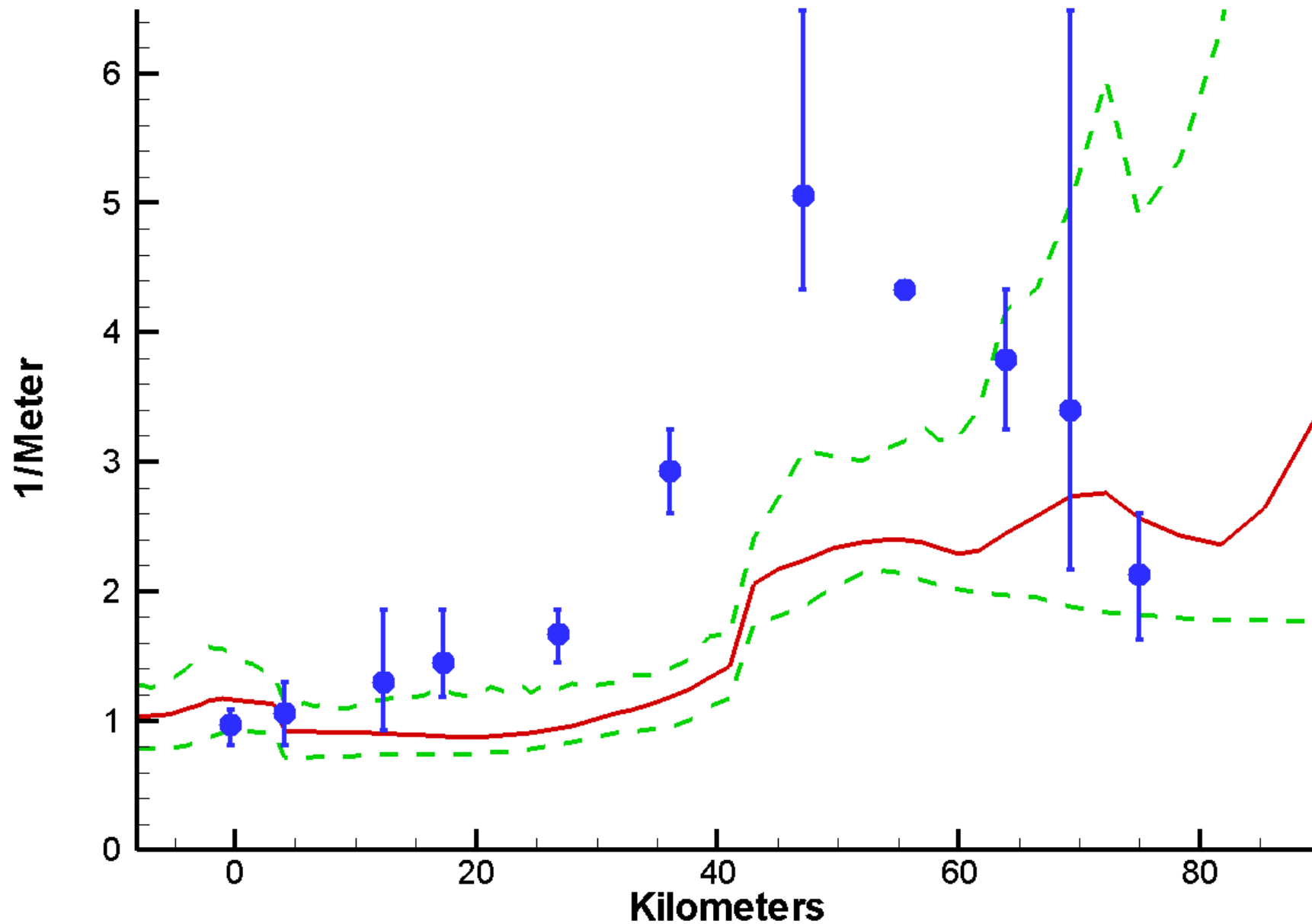
# Patuxent River Ches2015 Run118

## Surface Dissolved Silica Summer 1996



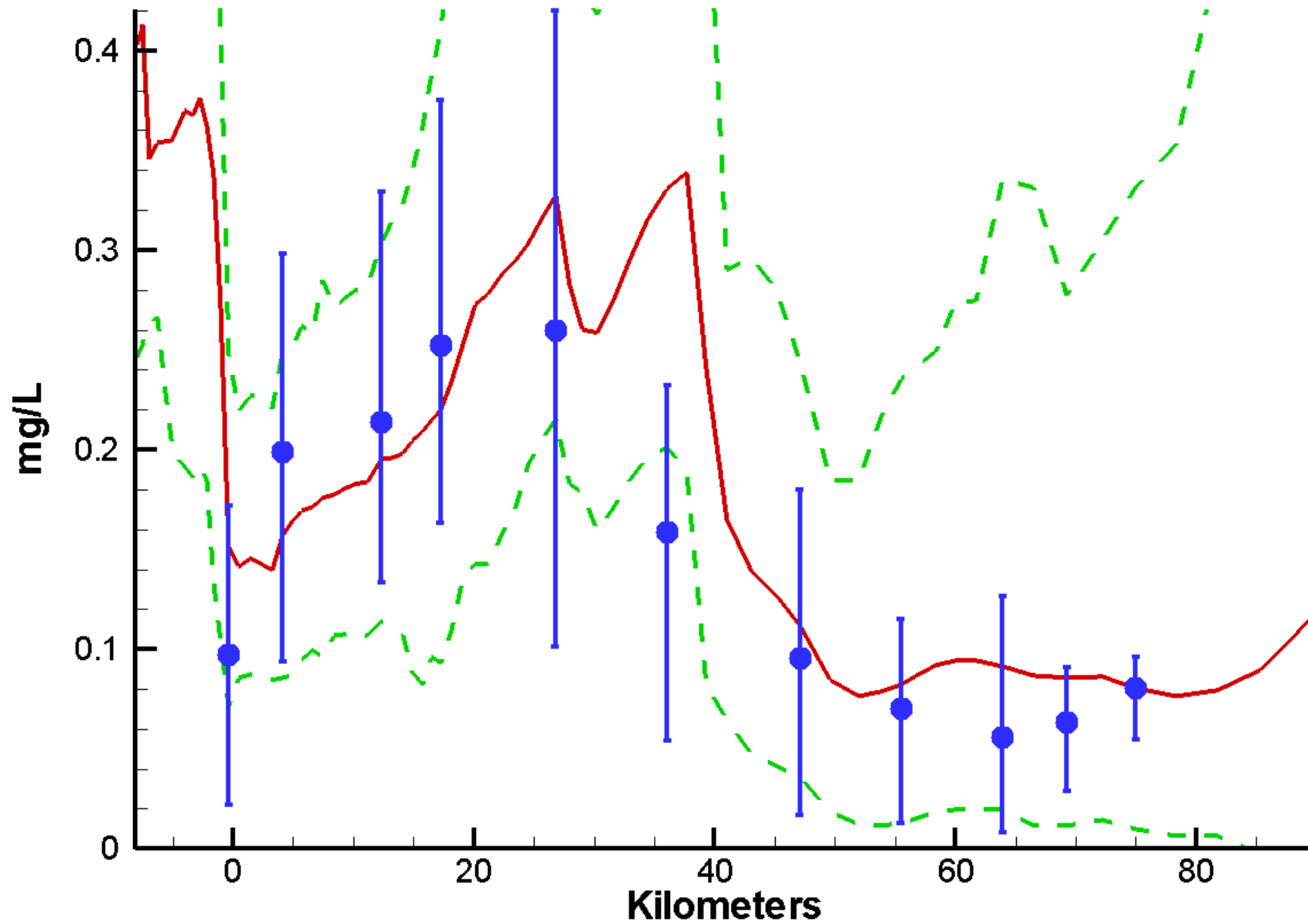
# Patuxent River Ches2015 Run118

## Surface Light Extinction Summer 1996

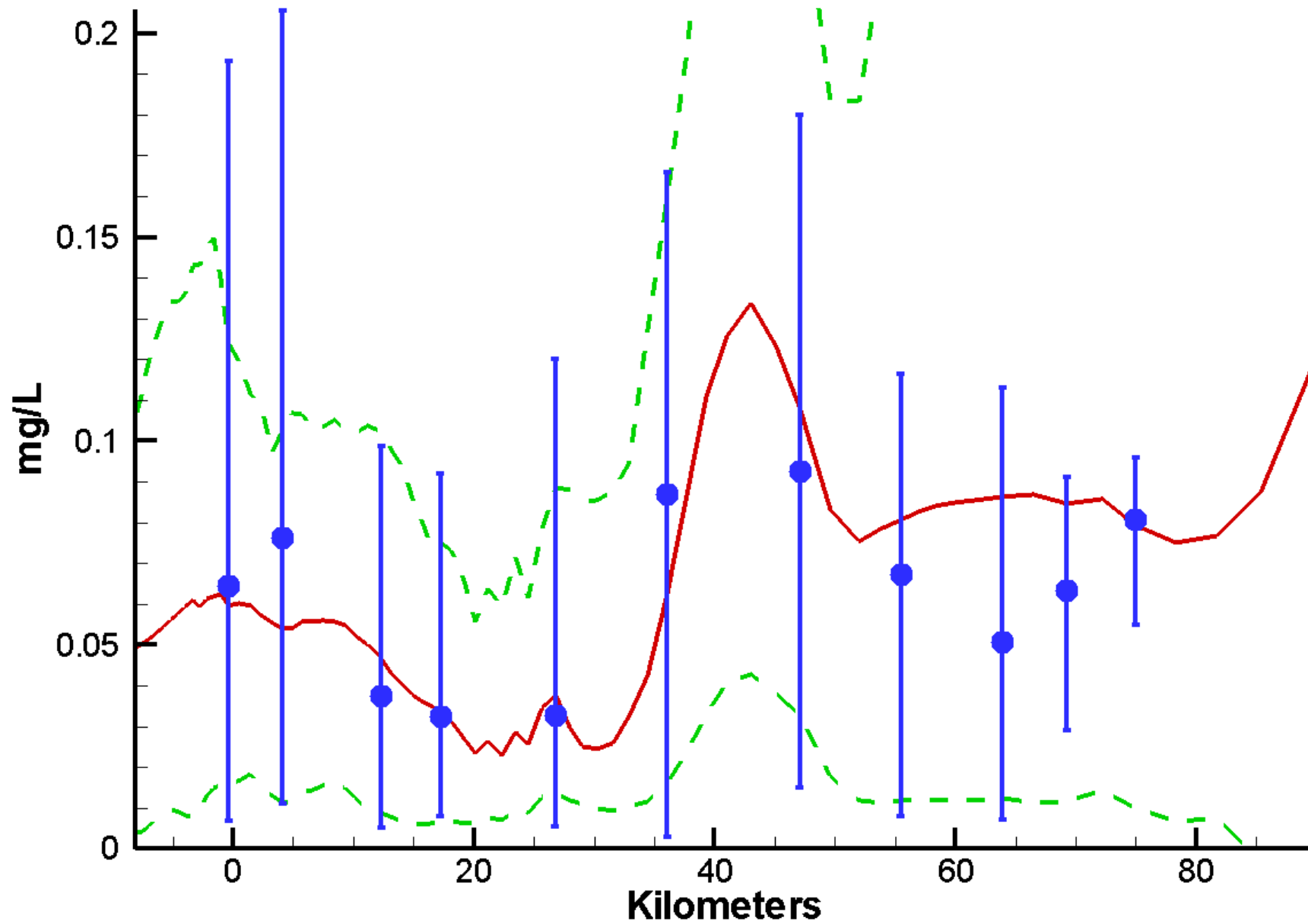


# Patuxent River Ches2015 Run118

## Bottom Ammonium Summer 1996

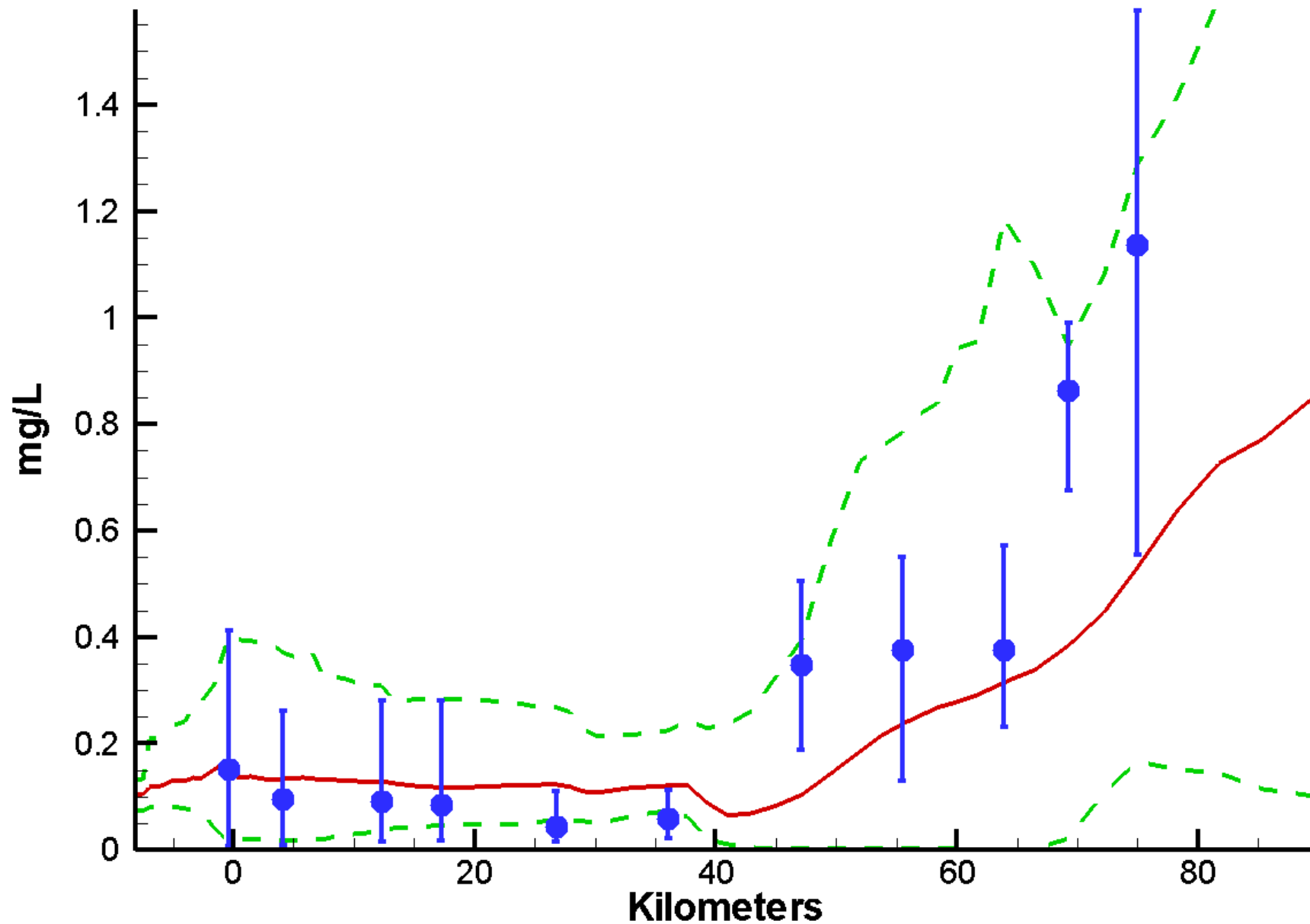


# Patuxent River Ches2015 Run118 Surface Ammonium Summer 1996



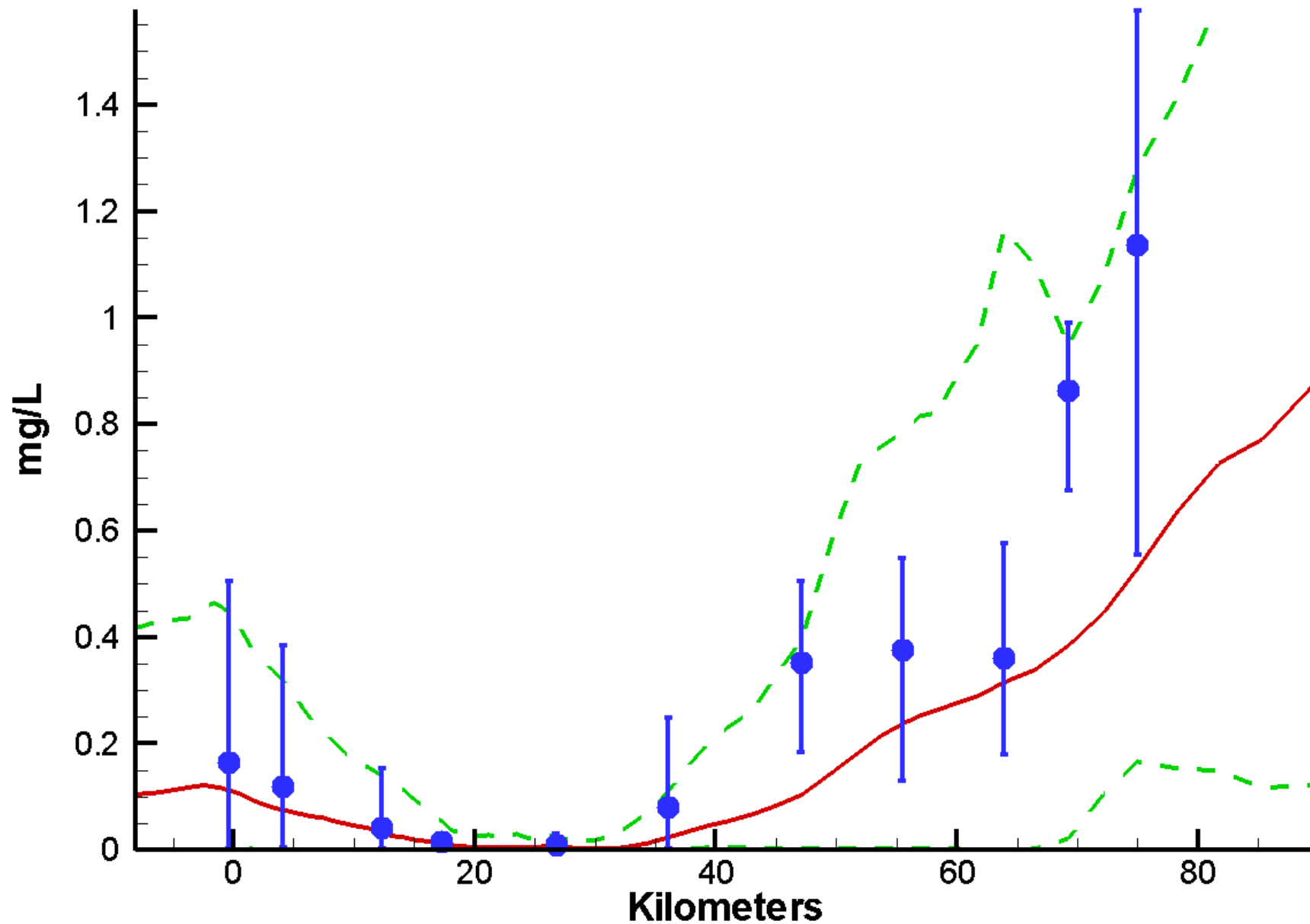
# Patuxent River Ches2015 Run118

## Bottom Nitrate Summer 1996



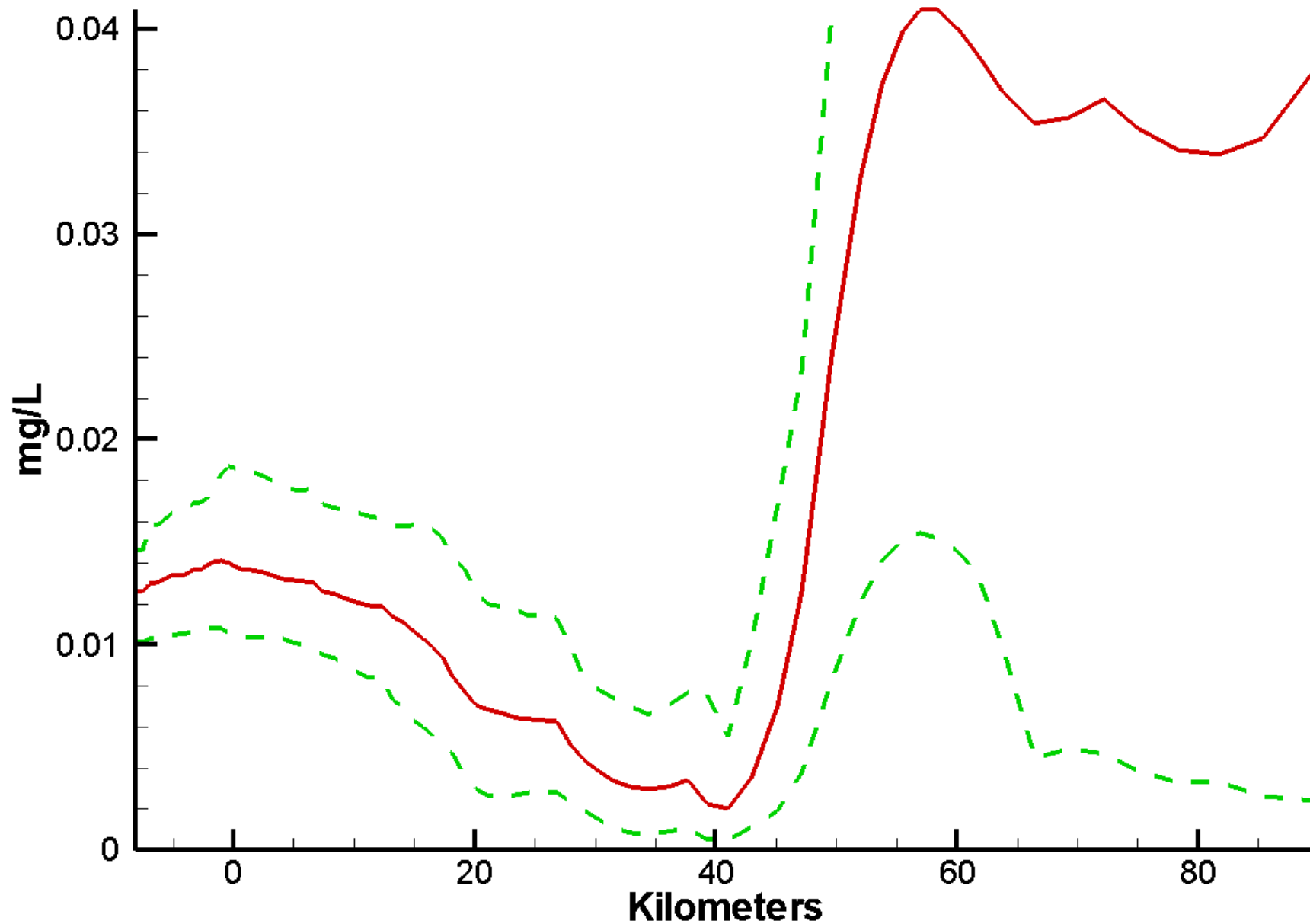
# Patuxent River Ches2015 Run118

## Surface Nitrate Summer 1996



# Patuxent River Ches2015 Run118

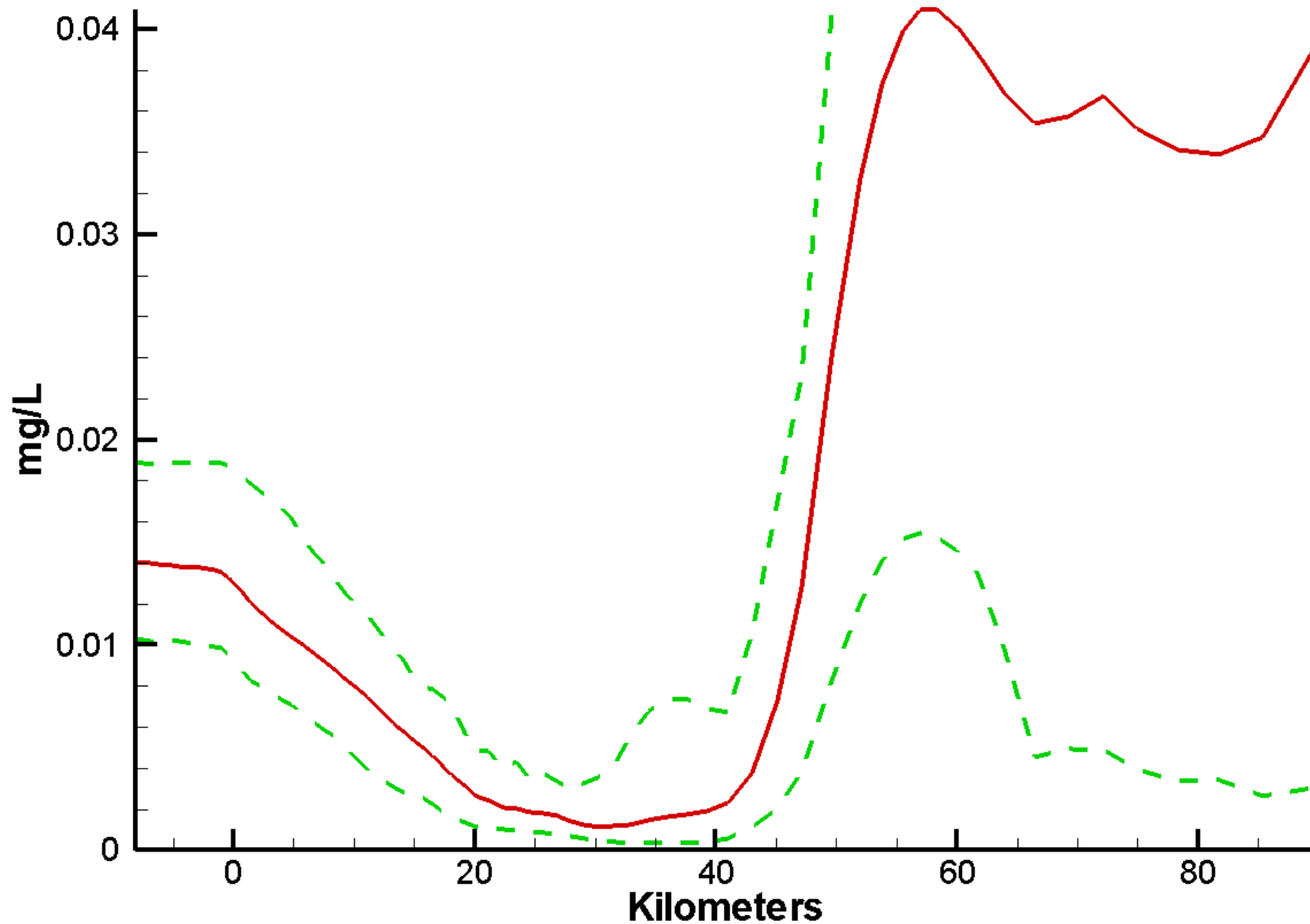
## Bottom Particulate Inorganic Phosphorus Summer 1999





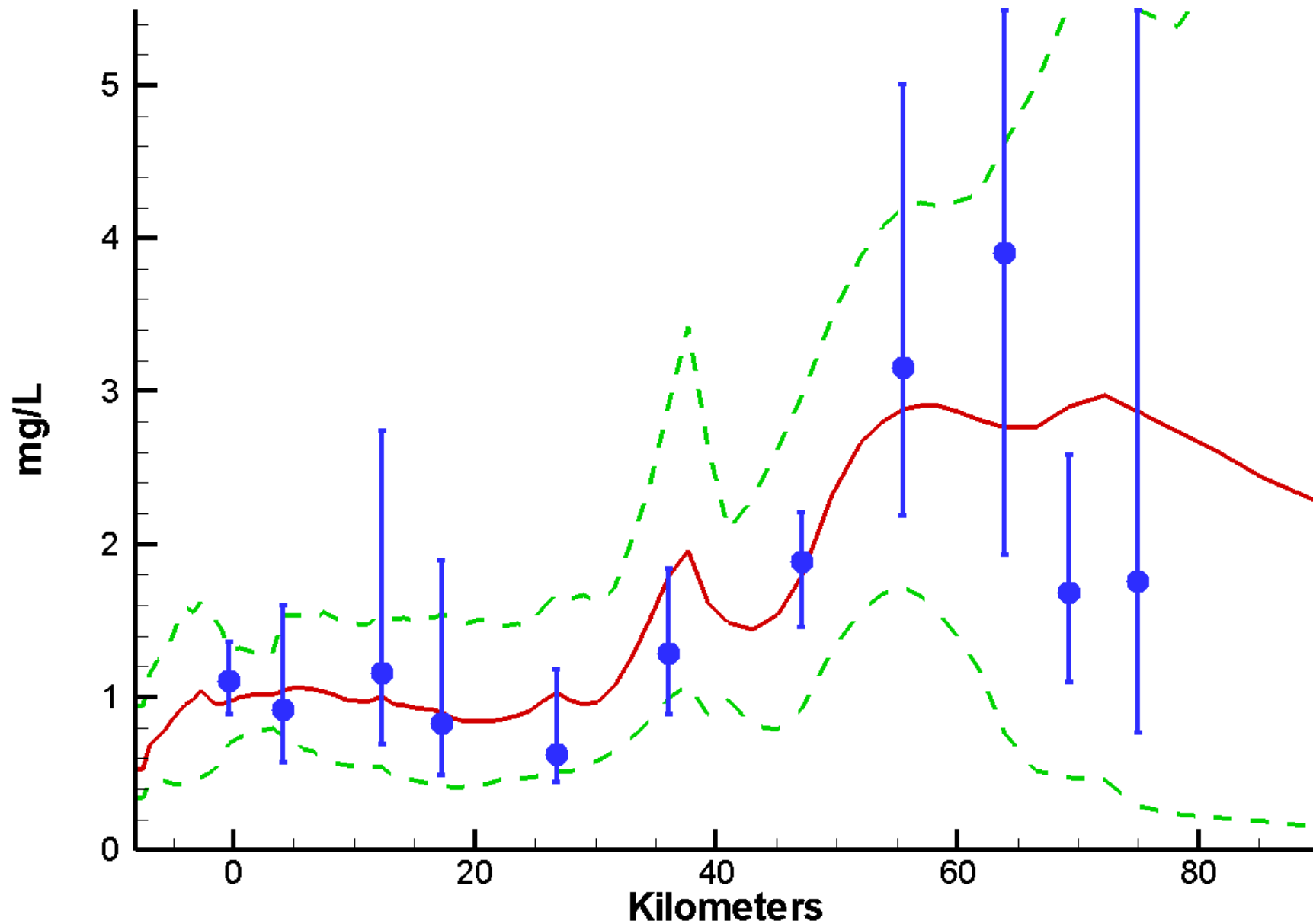
# Patuxent River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



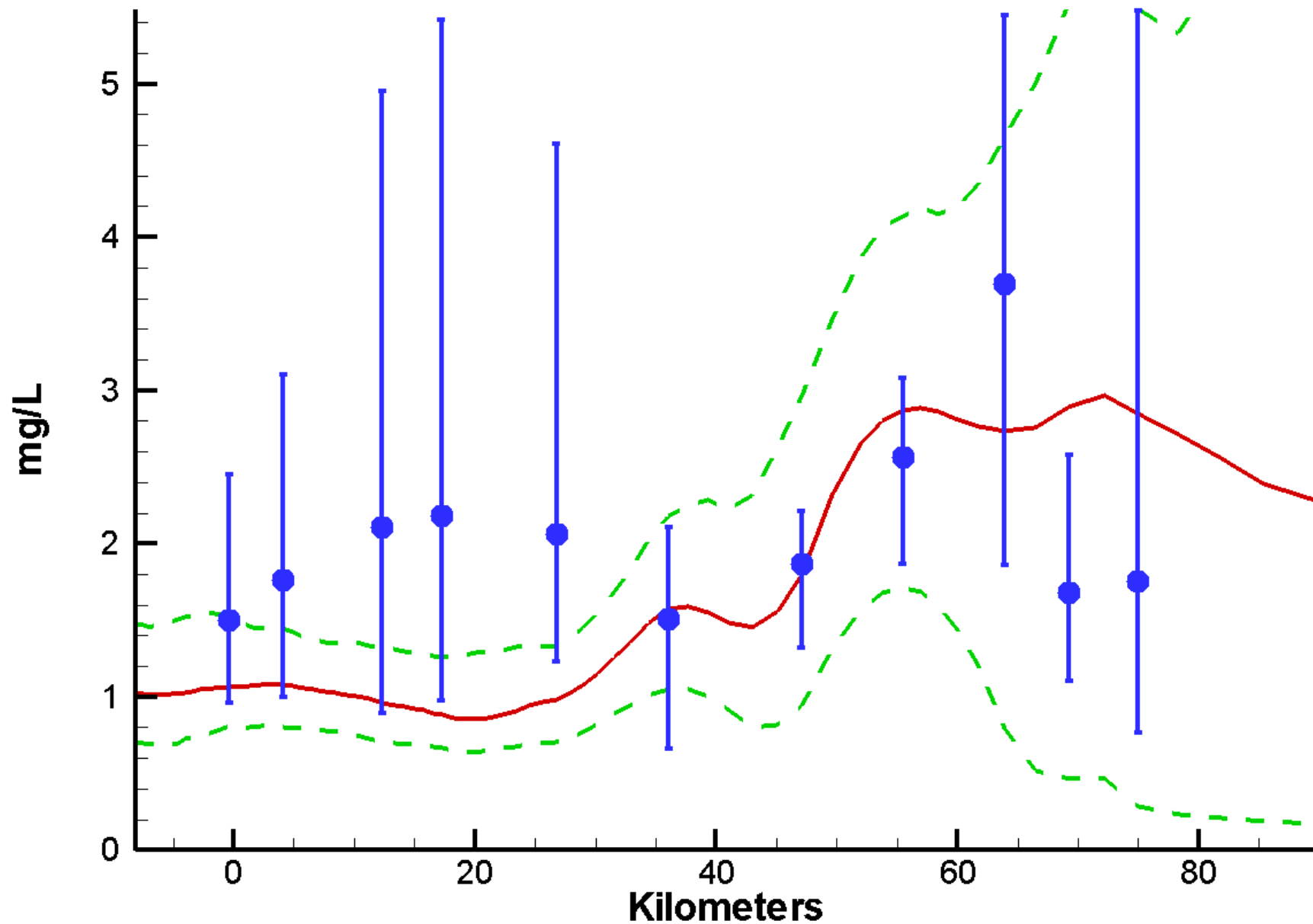
# Patuxent River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1996



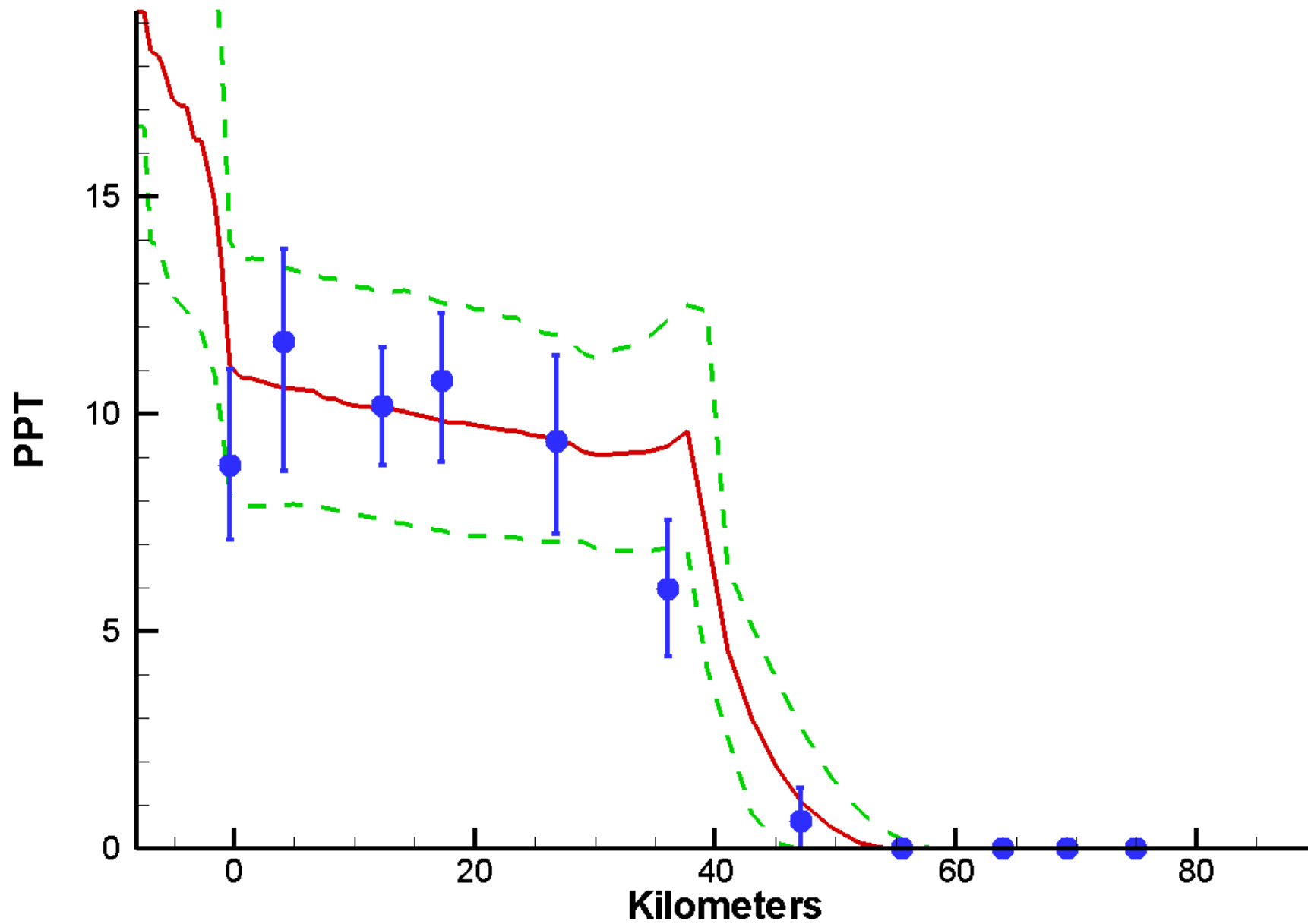
# Patuxent River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1996



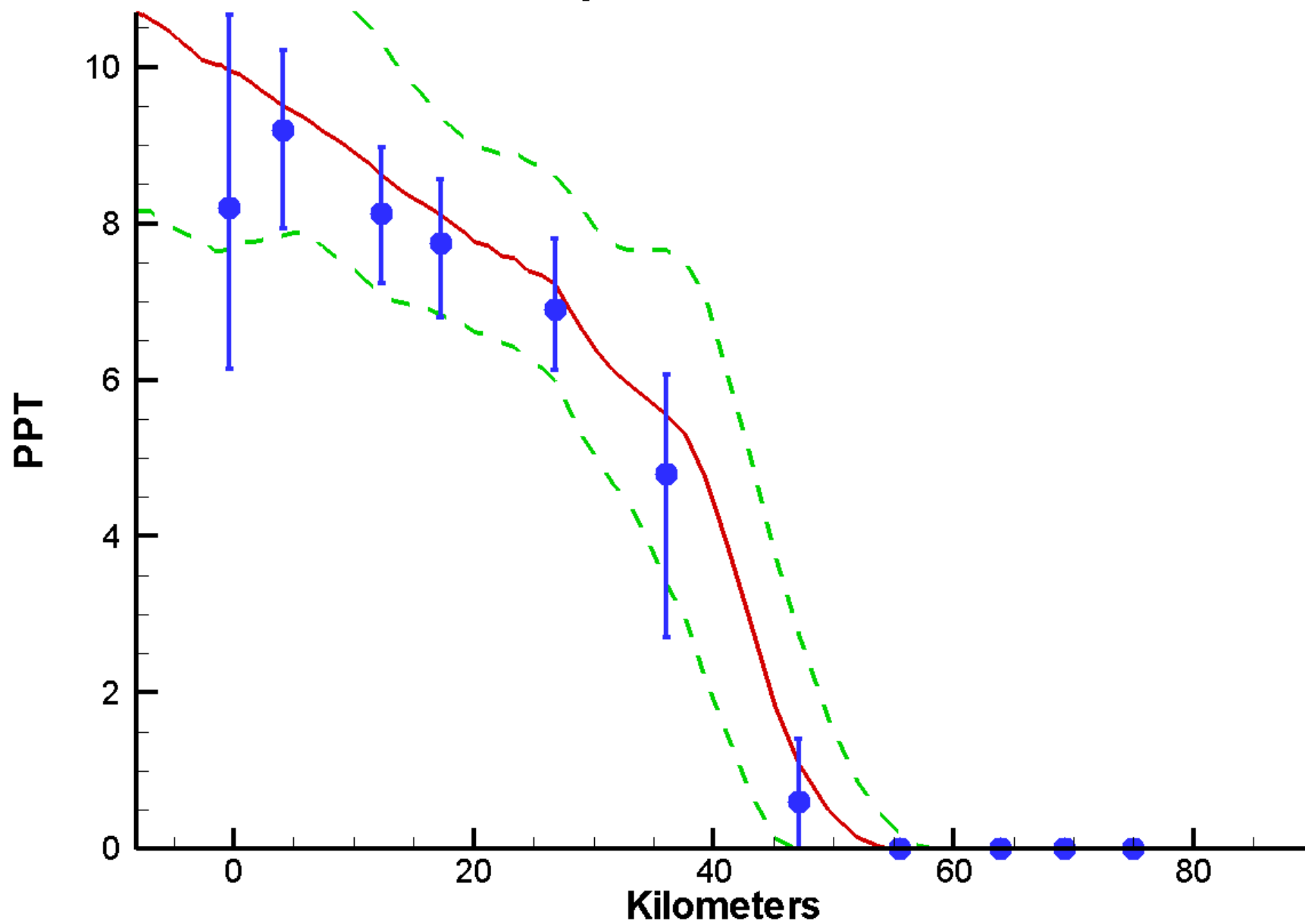
# Patuxent River Ches2015 Run118

## Bottom Salinity Summer 1996



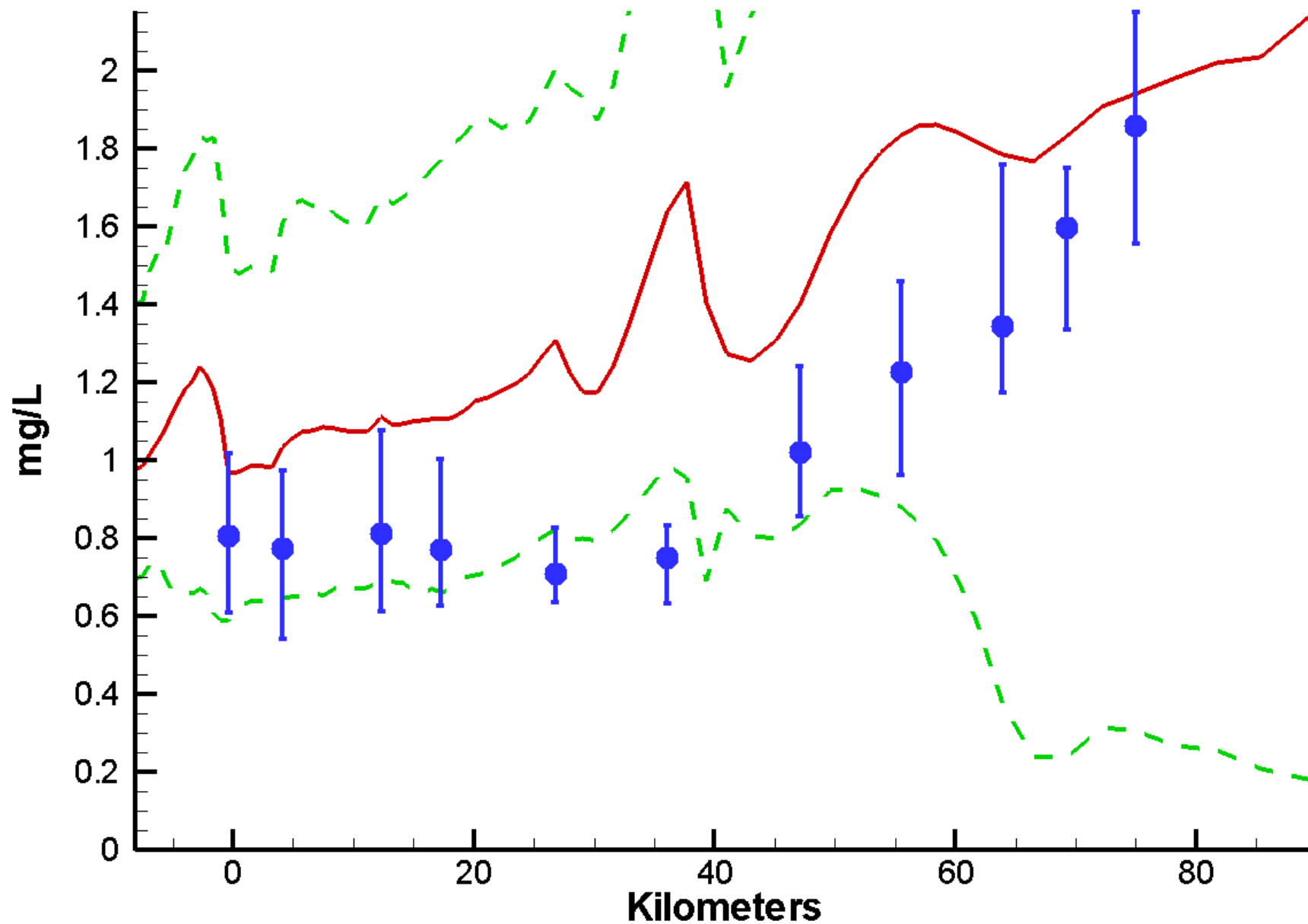
# Patuxent River Ches2015 Run118

## Surface Salinity Summer 1996



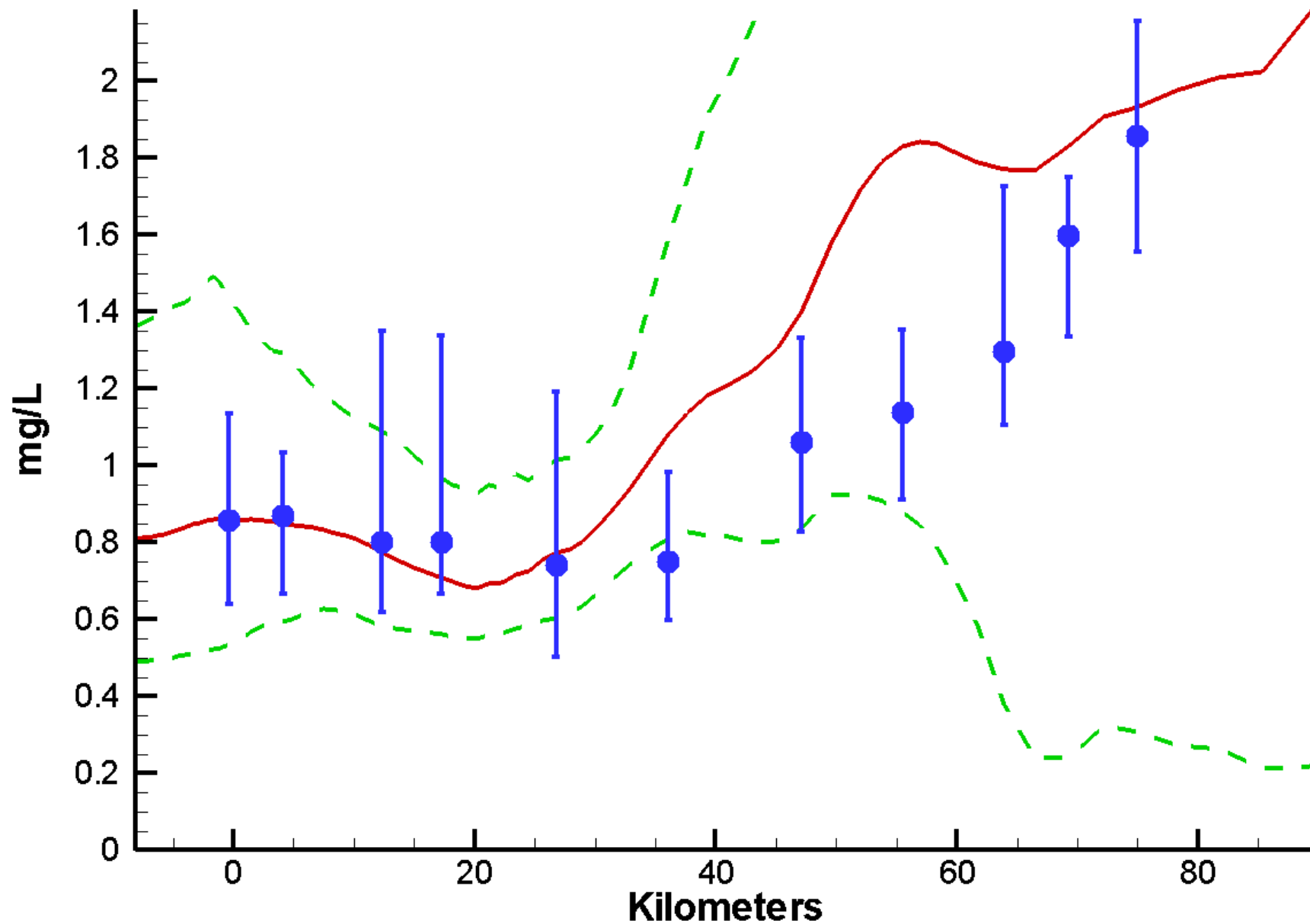
# Patuxent River Ches2015 Run118

## Bottom Total Nitrogen Summer 1996



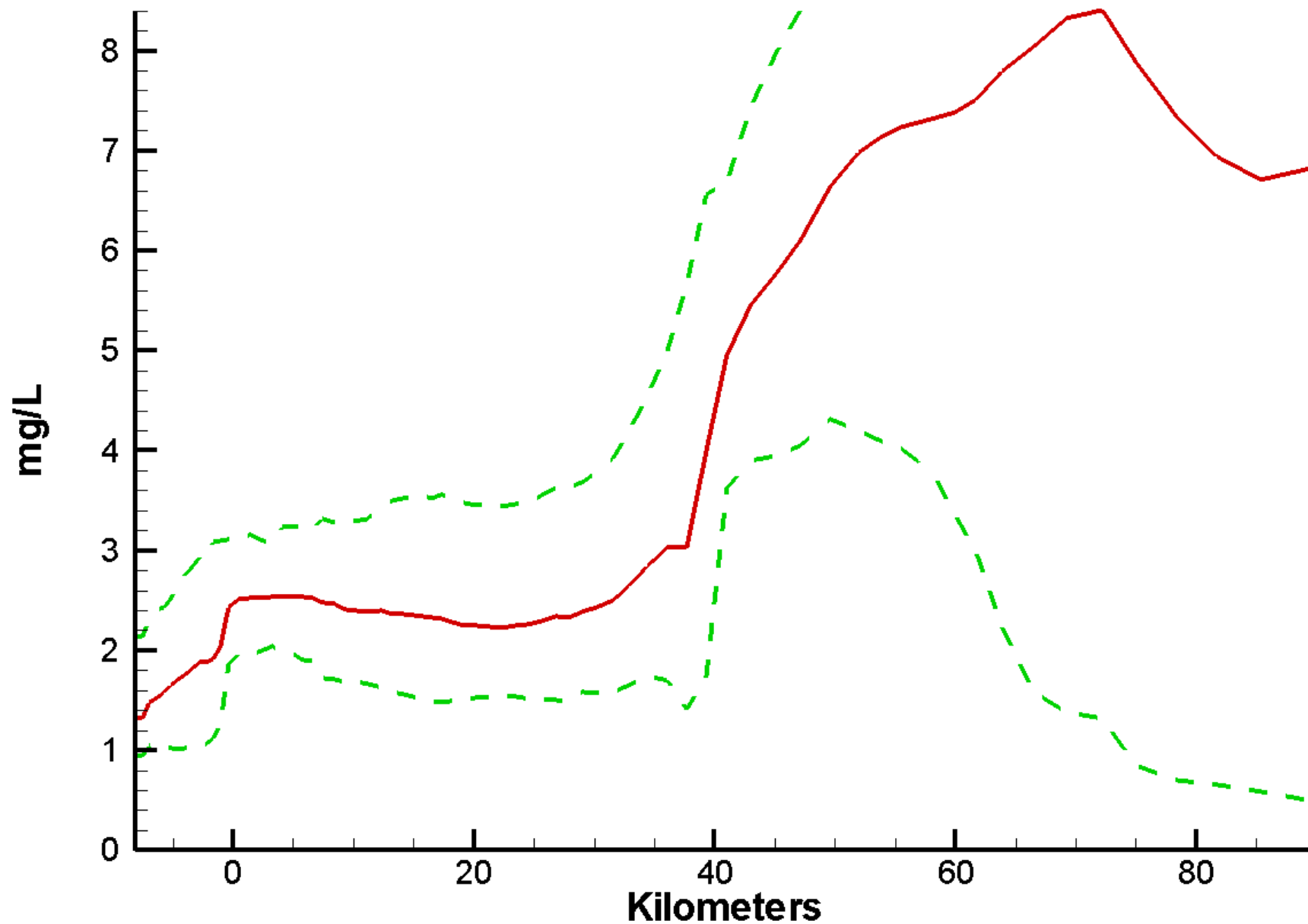
# Patuxent River Ches2015 Run118

## Surface Total Nitrogen Summer 1996



# Patuxent River Ches2015 Run118

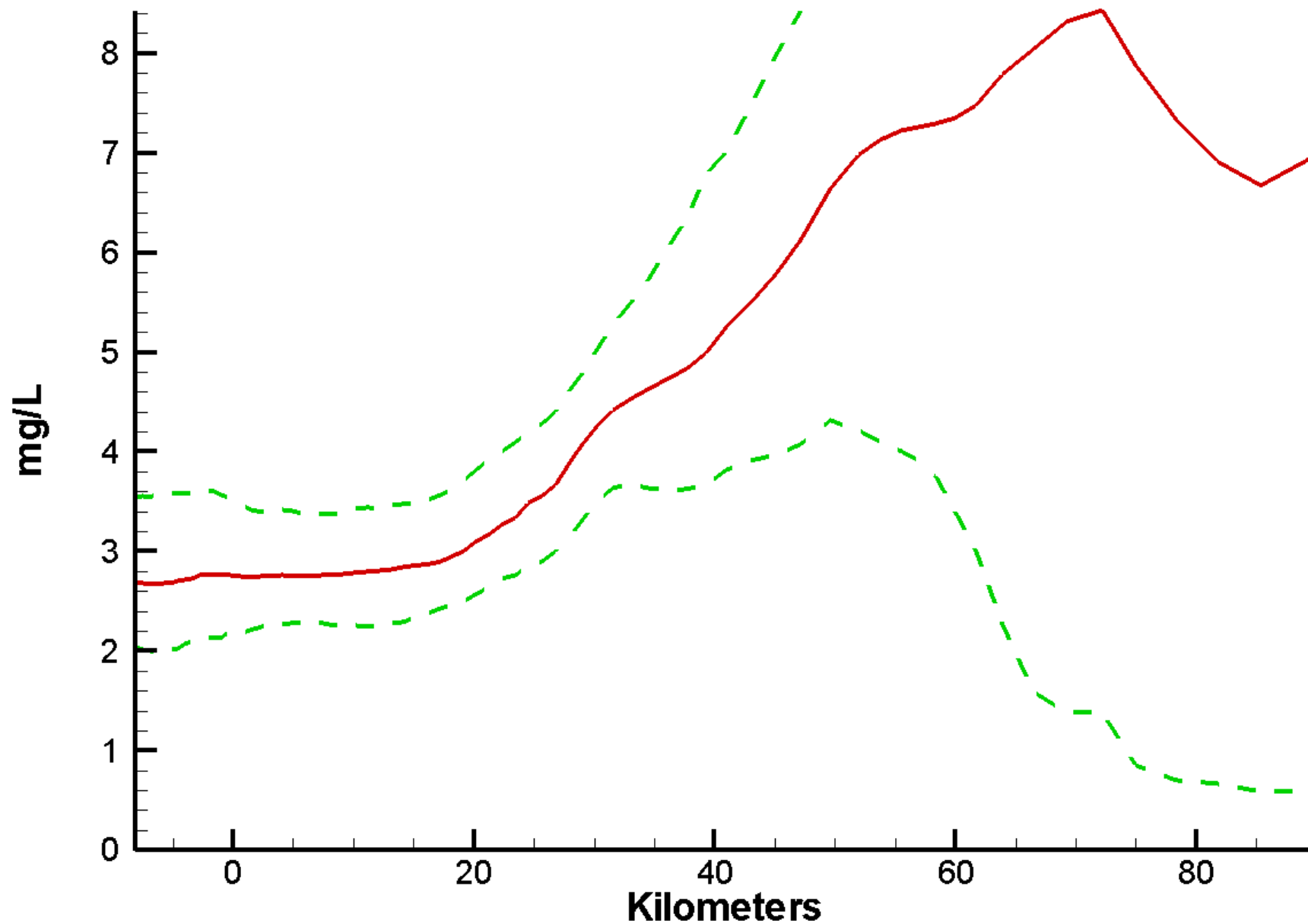
## Bottom Total Organic Carbon Summer 1996





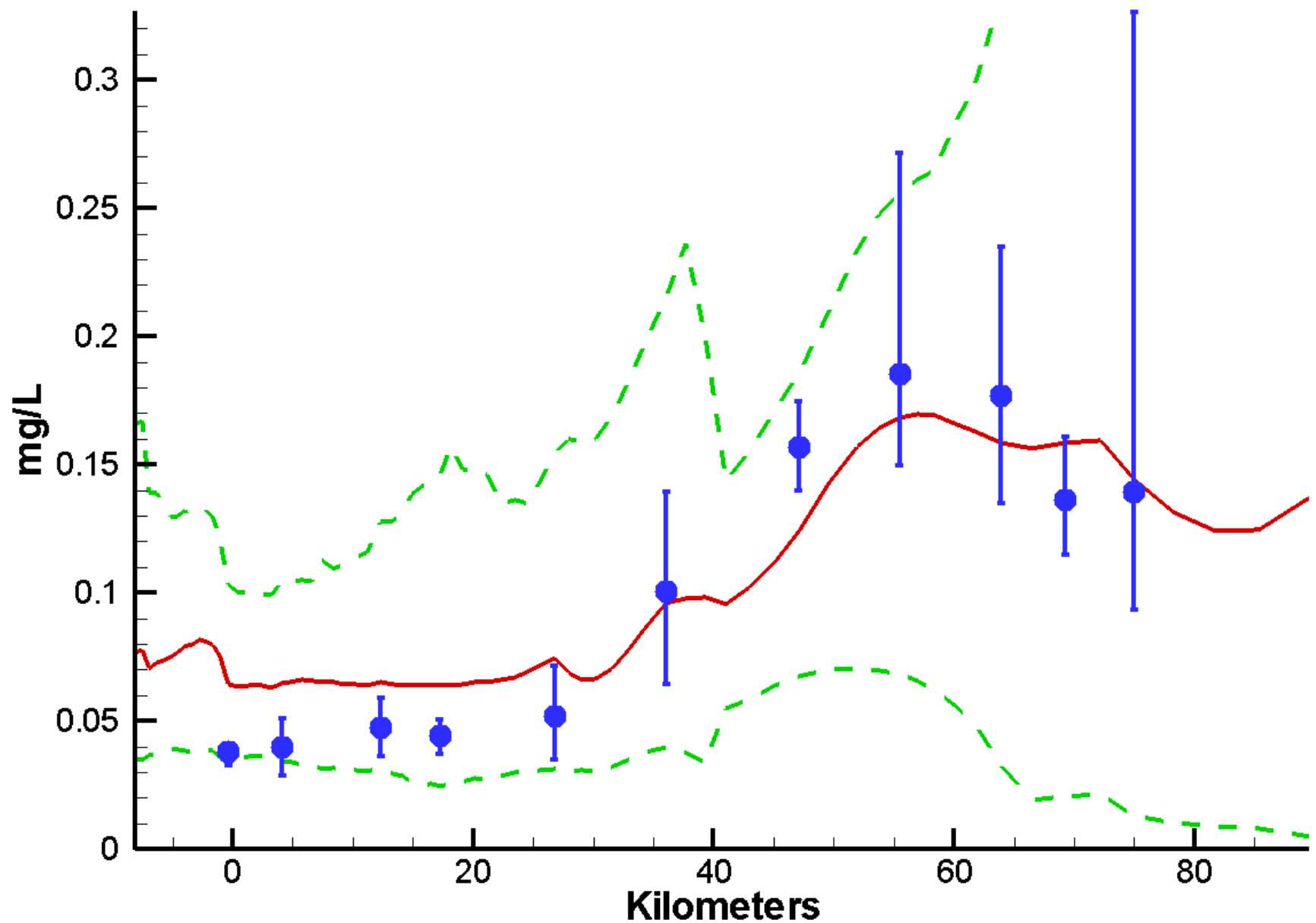
# Patuxent River Ches2015 Run118

## Surface Total Organic Carbon Summer 1996



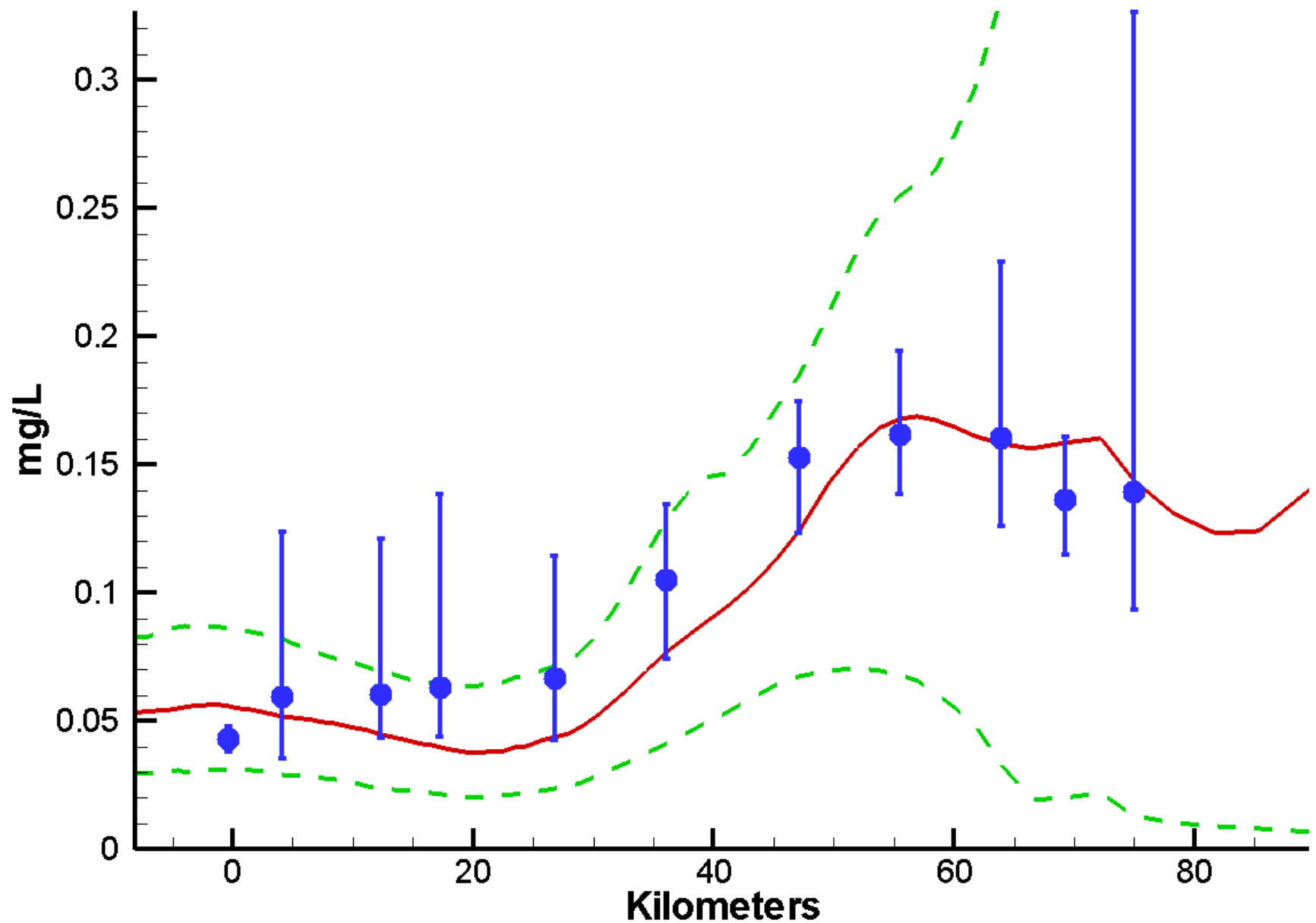
# Patuxent River Ches2015 Run118

## Bottom Total Phosphorus Summer 1996



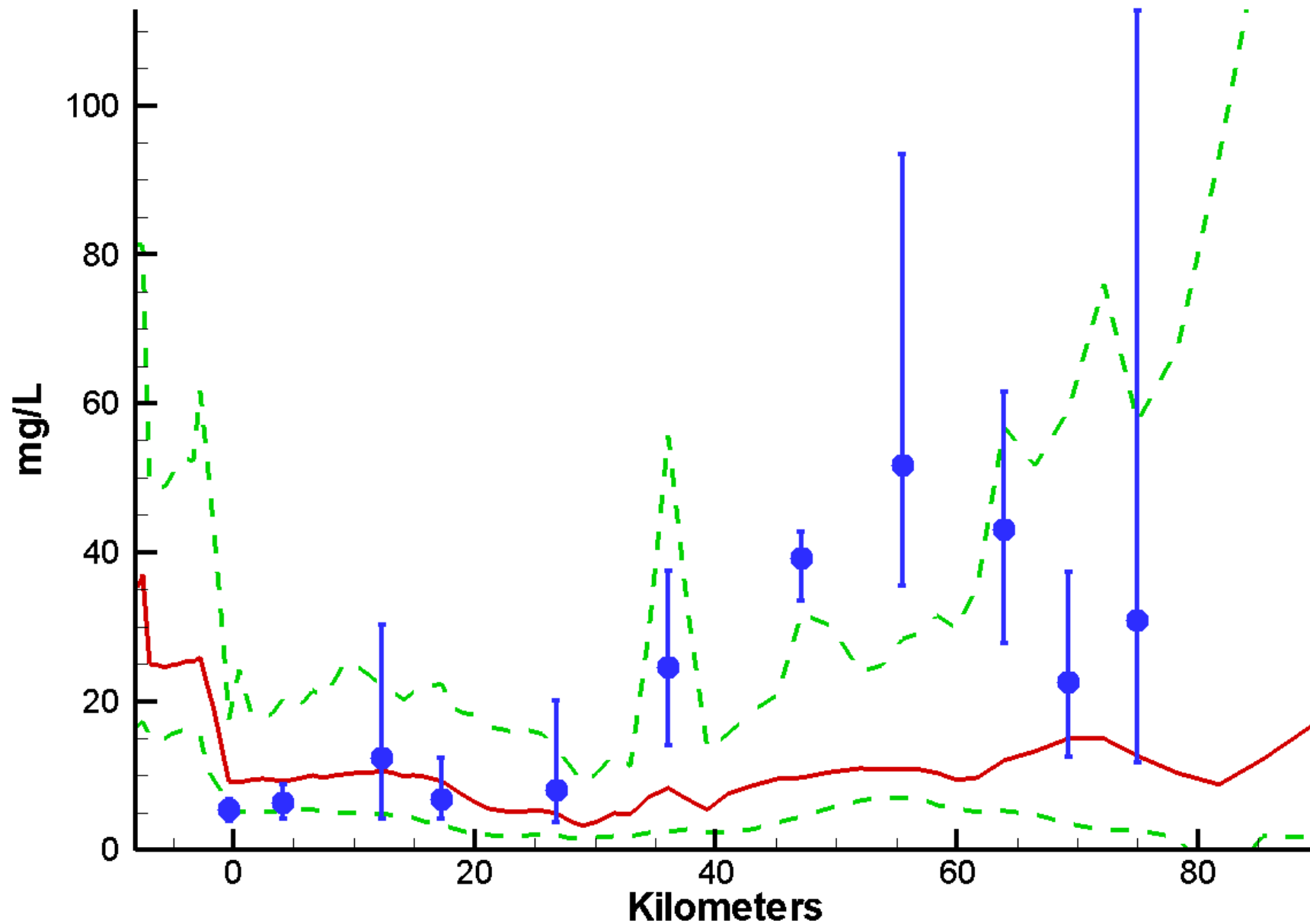
# Patuxent River Ches2015 Run118

## Surface Total Phosphorus Summer 1996



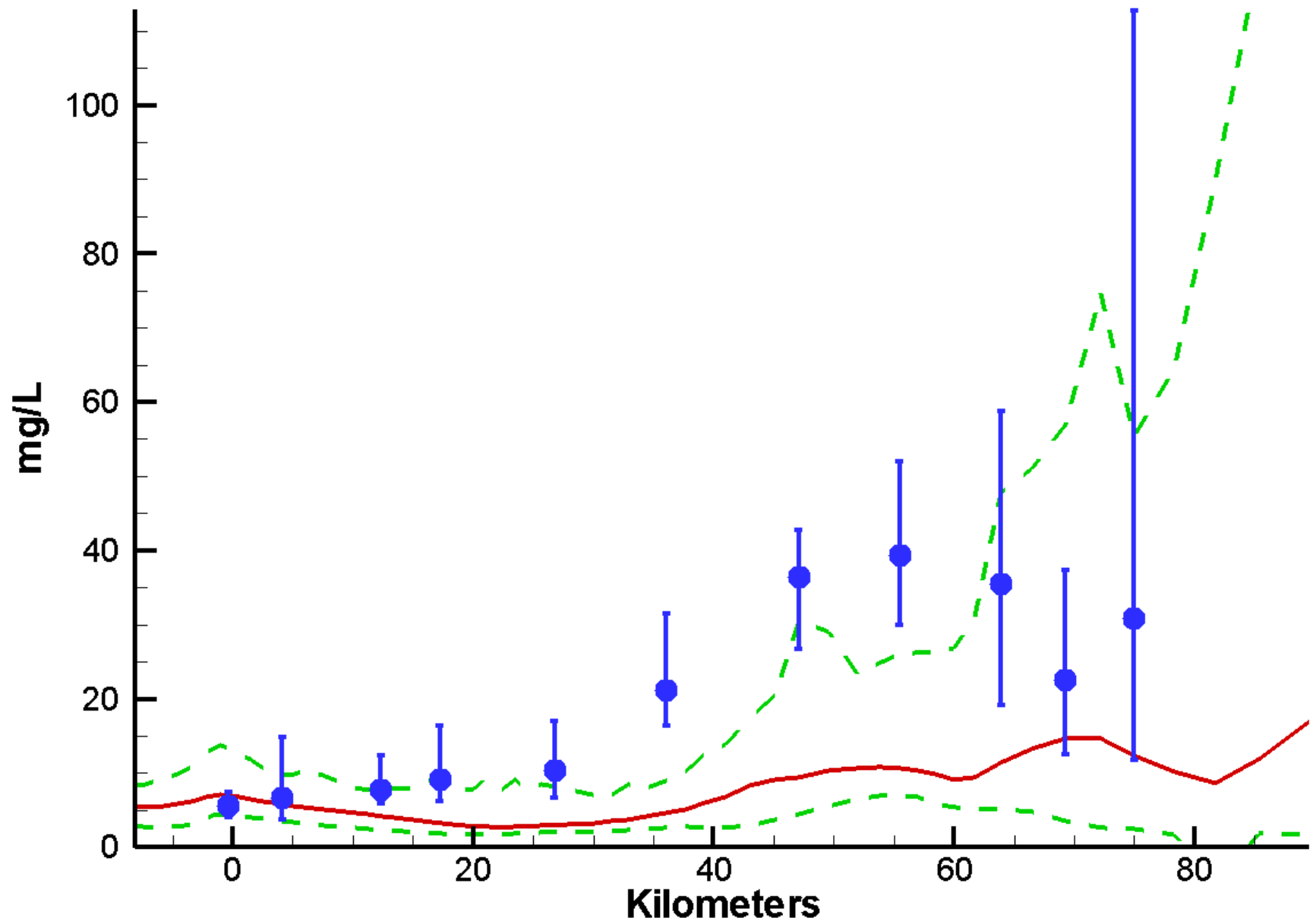
# Patuxent River Ches2015 Run118

## Bottom Total Suspended Solids Summer 1996



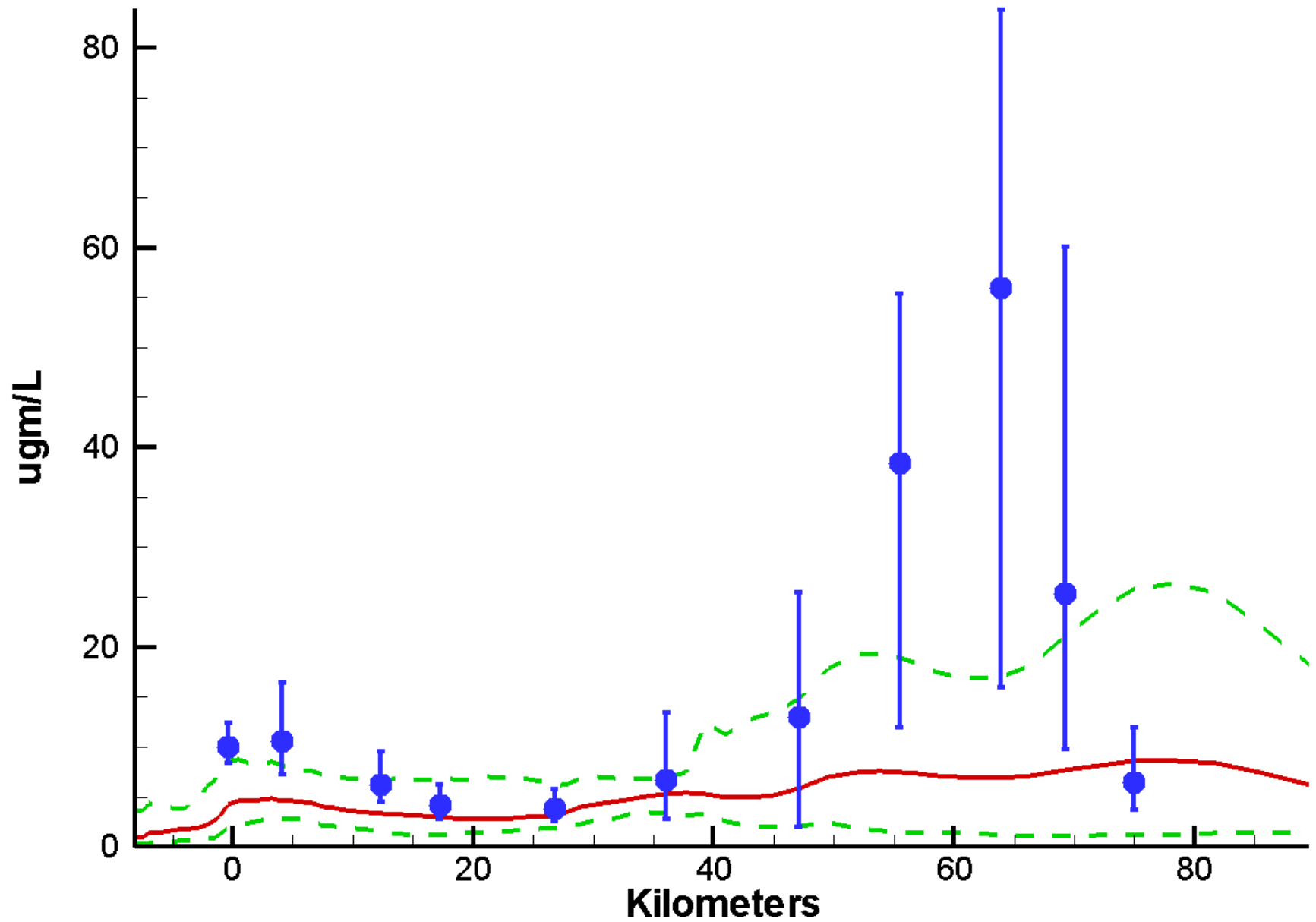
# Patuxent River Ches2015 Run118

## Surface Total Suspended Solids Summer 1996



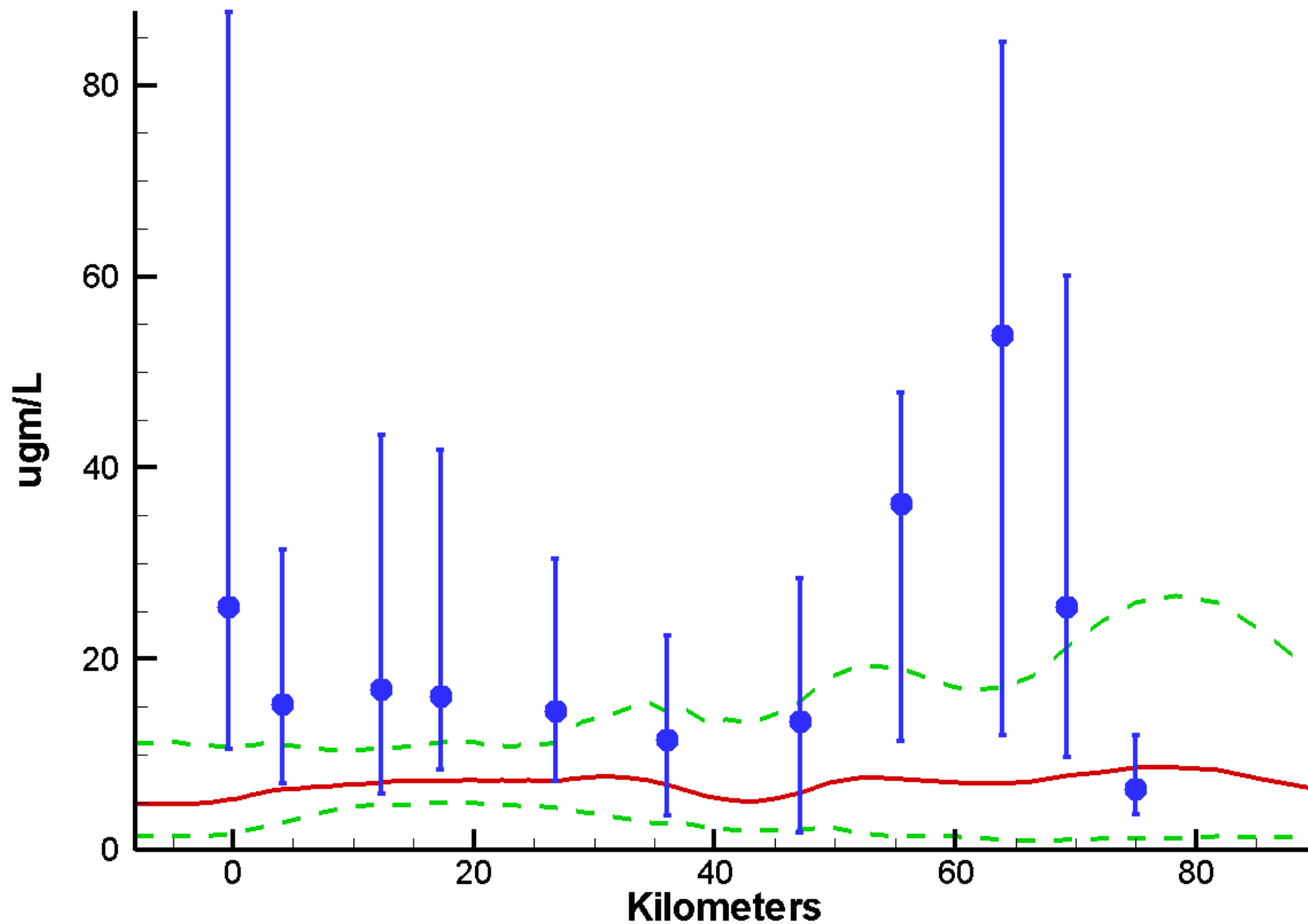
# Patuxent River Ches2015 Run118

## Bottom Chlorophyll Fall 1996



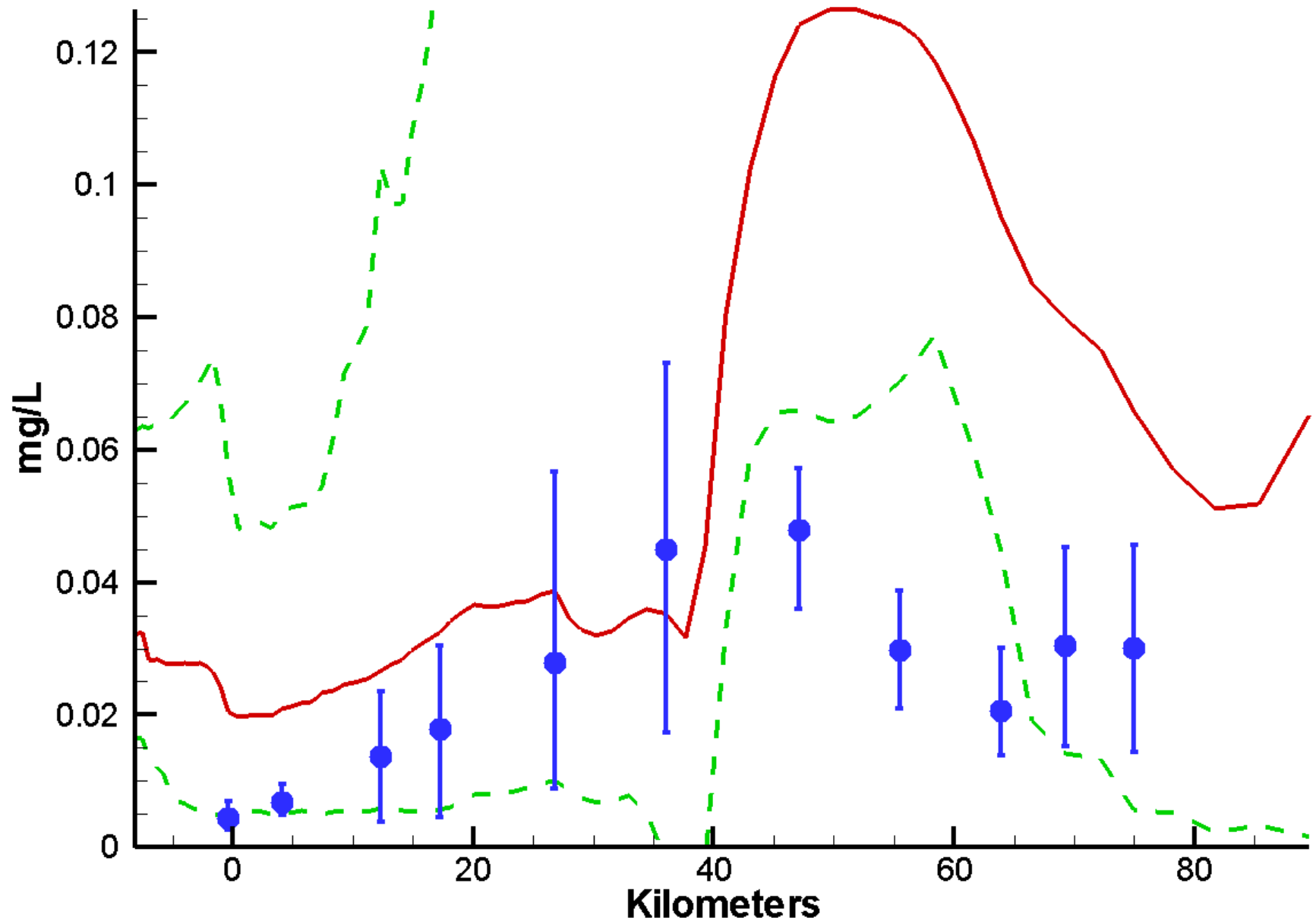
# Patuxent River Ches2015 Run118

## Surface Chlorophyll Fall 1996



# Patuxent River Ches2015 Run118

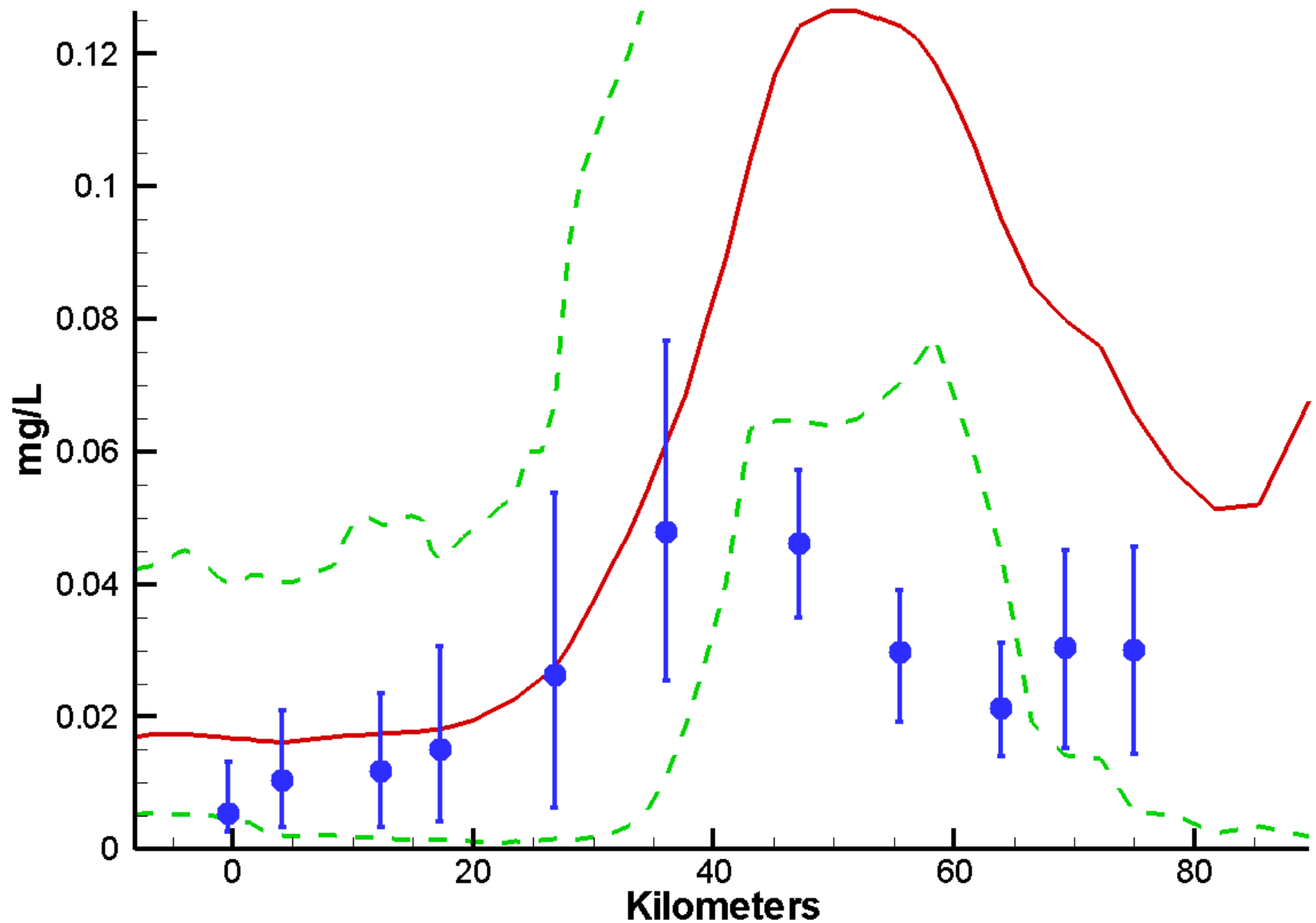
## Bottom Dissolved Phosphate Fall 1996





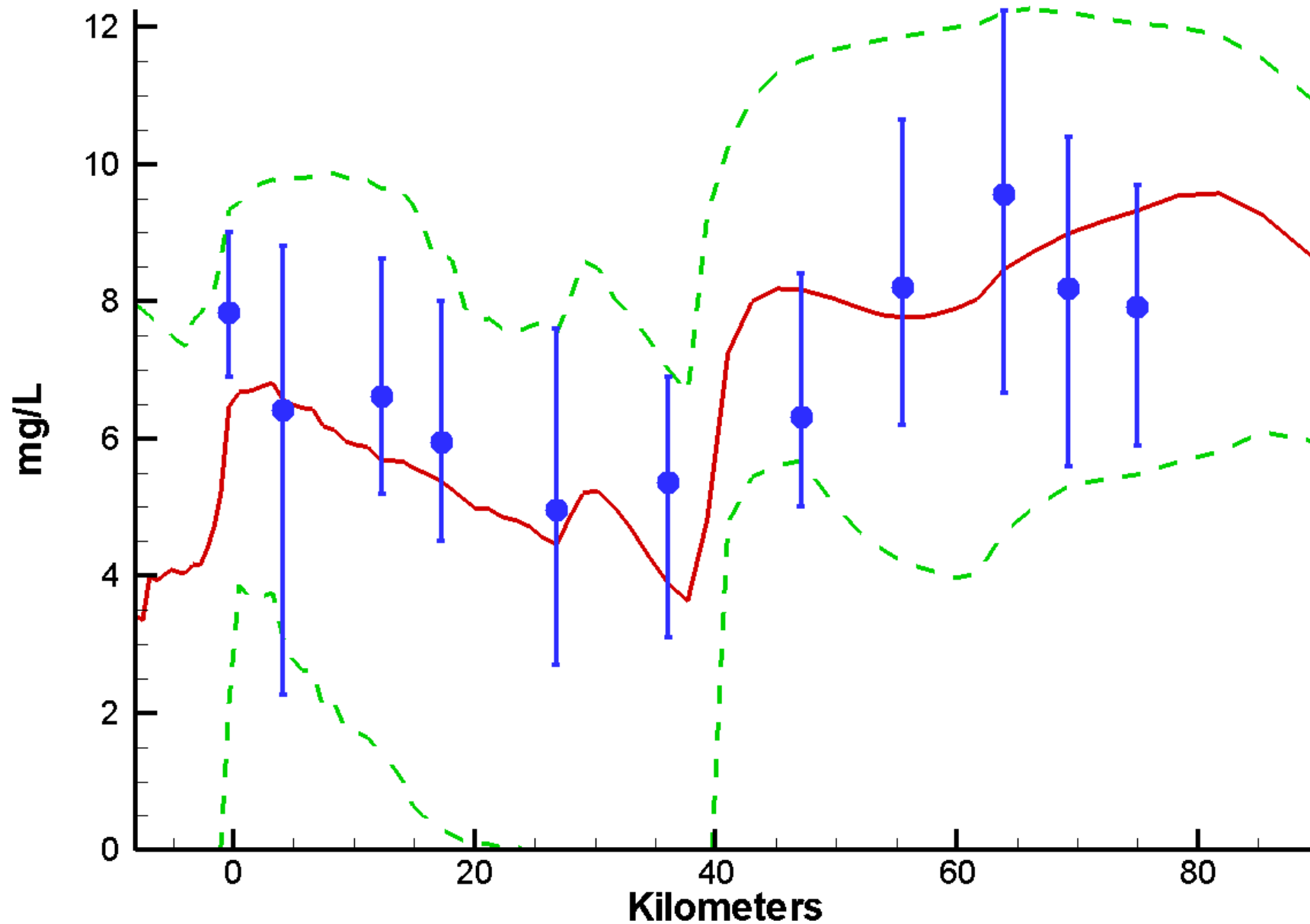
# Patuxent River Ches2015 Run118

## Surface Dissolved Phosphate Fall 1996



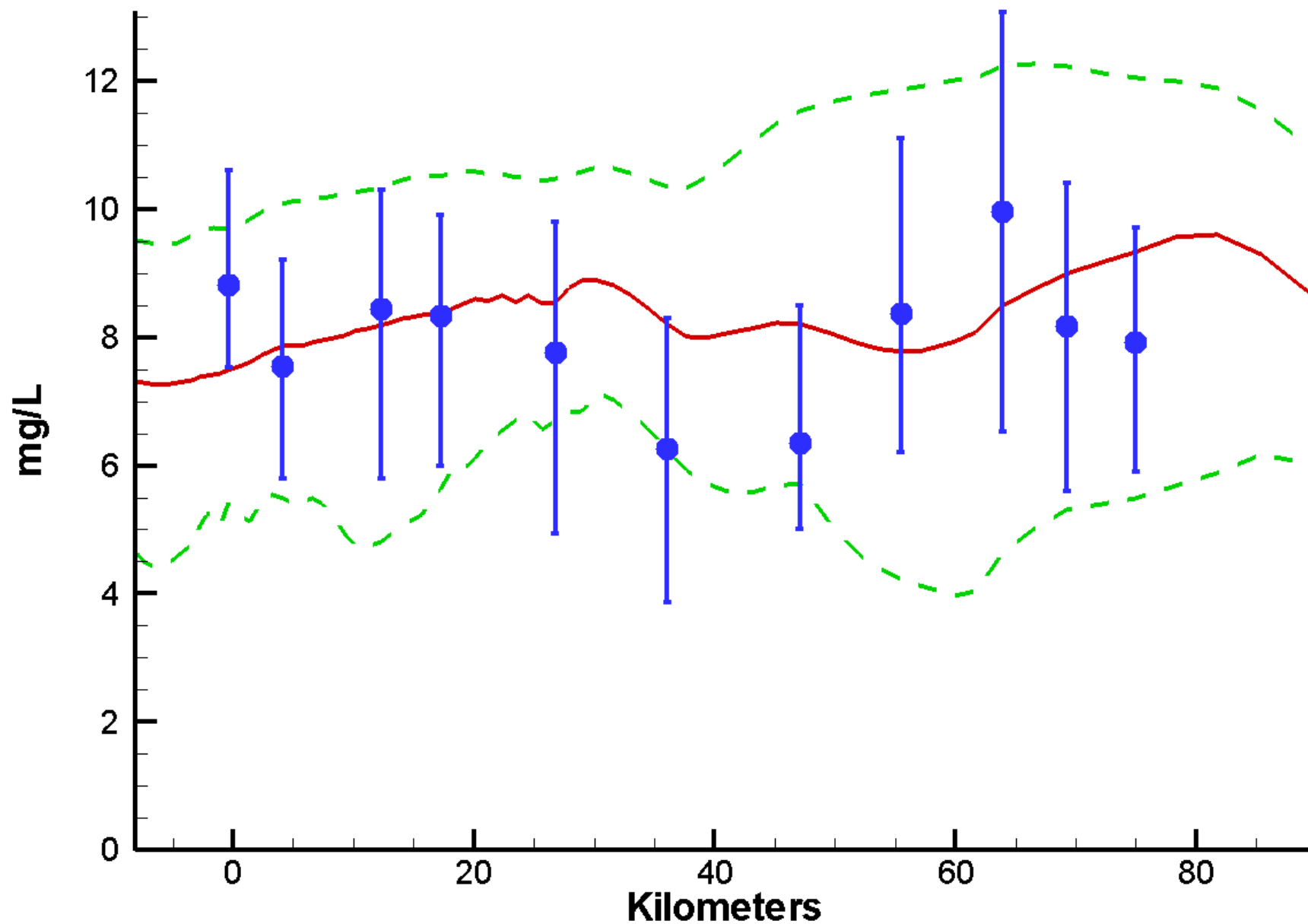
# Patuxent River Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1996



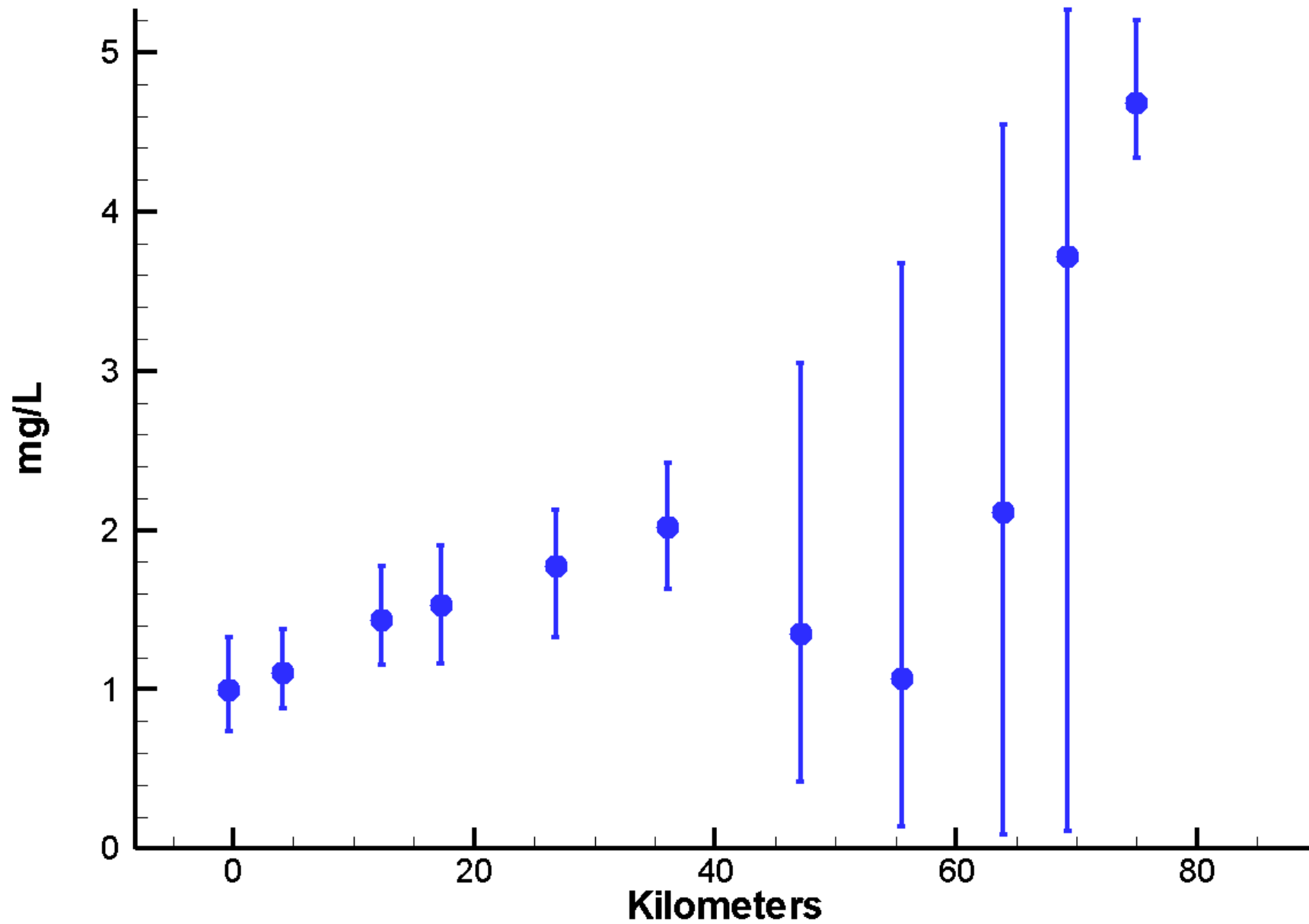
# Patuxent River Ches2015 Run118

## Surface Dissolved Oxygen Fall 1996



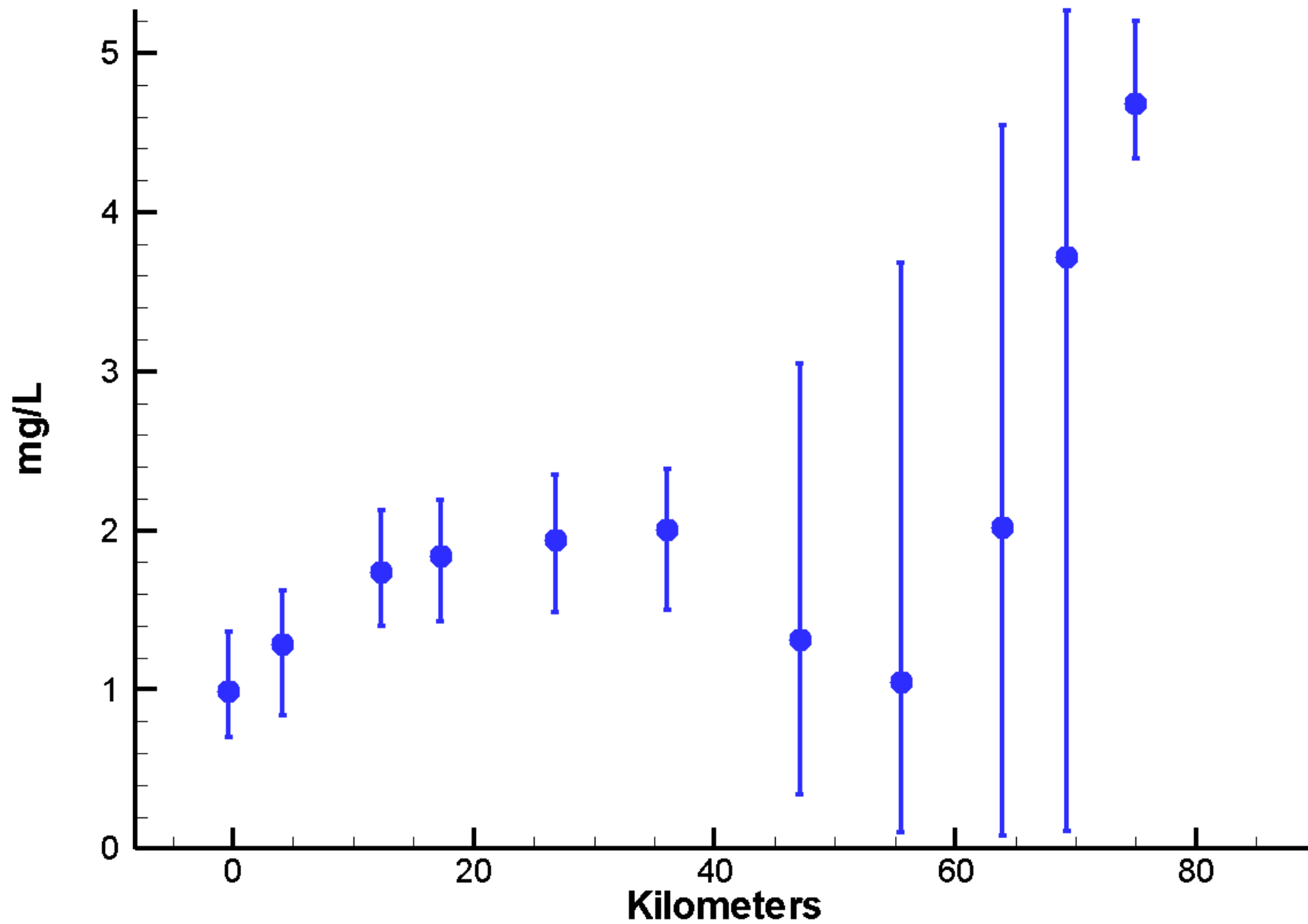
# Patuxent River Ches2015 Run118

## Bottom Dissolved Silica Fall 1996



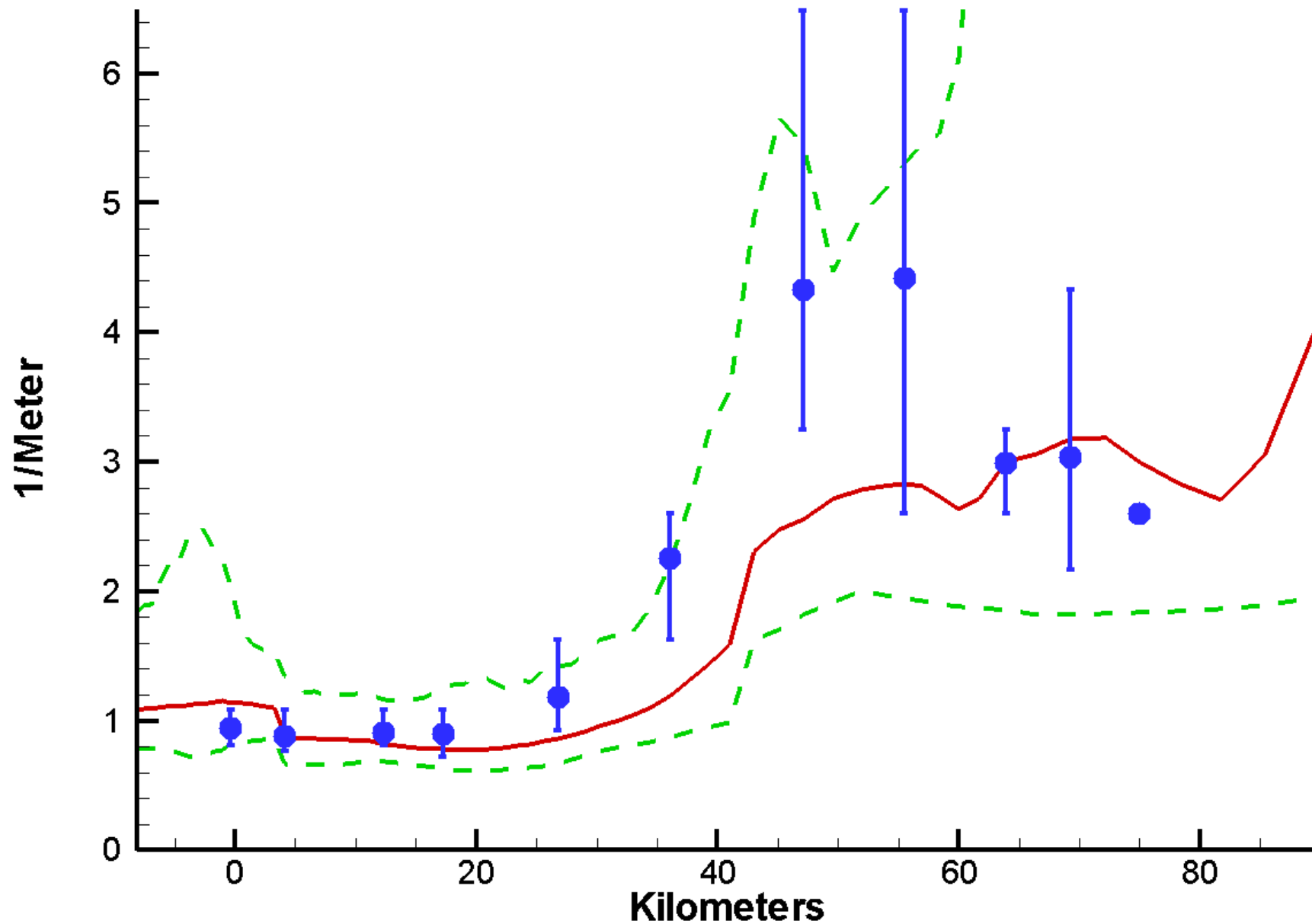
# Patuxent River Ches2015 Run118

## Surface Dissolved Silica Fall 1996



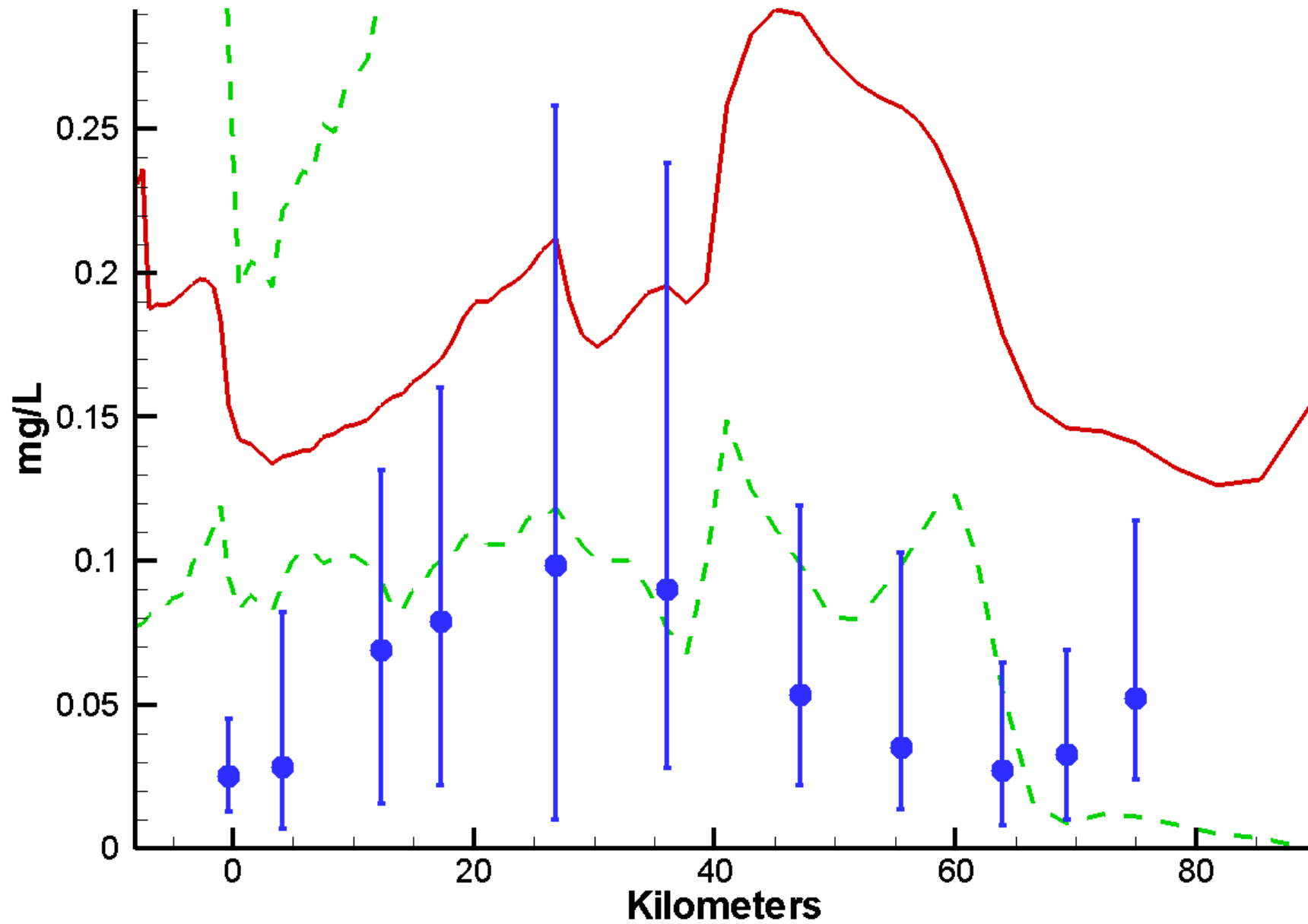
# Patuxent River Ches2015 Run118

## Surface Light Extinction Fall 1996



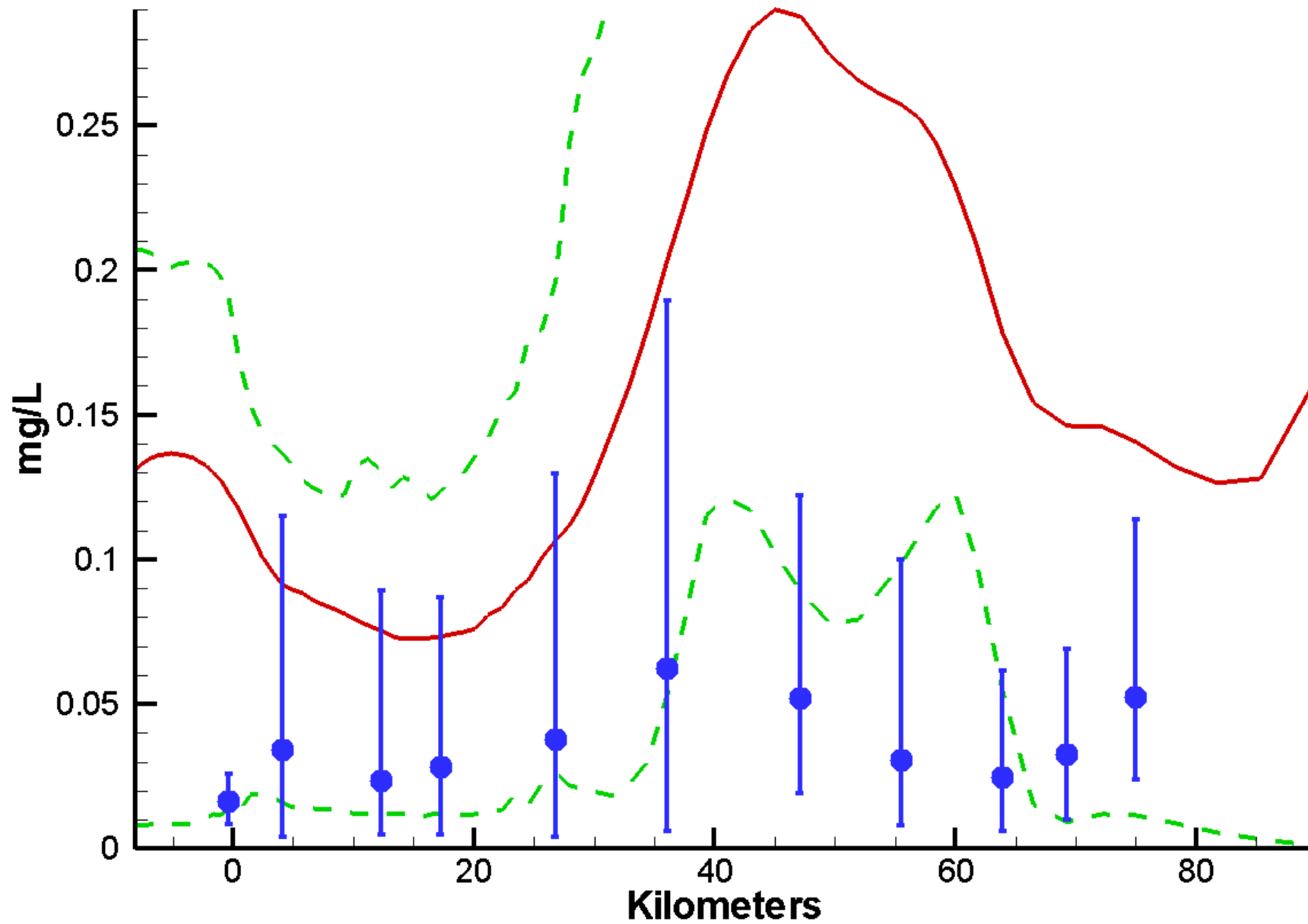
# Patuxent River Ches2015 Run118

## Bottom Ammonium Fall 1996



# Patuxent River Ches2015 Run118

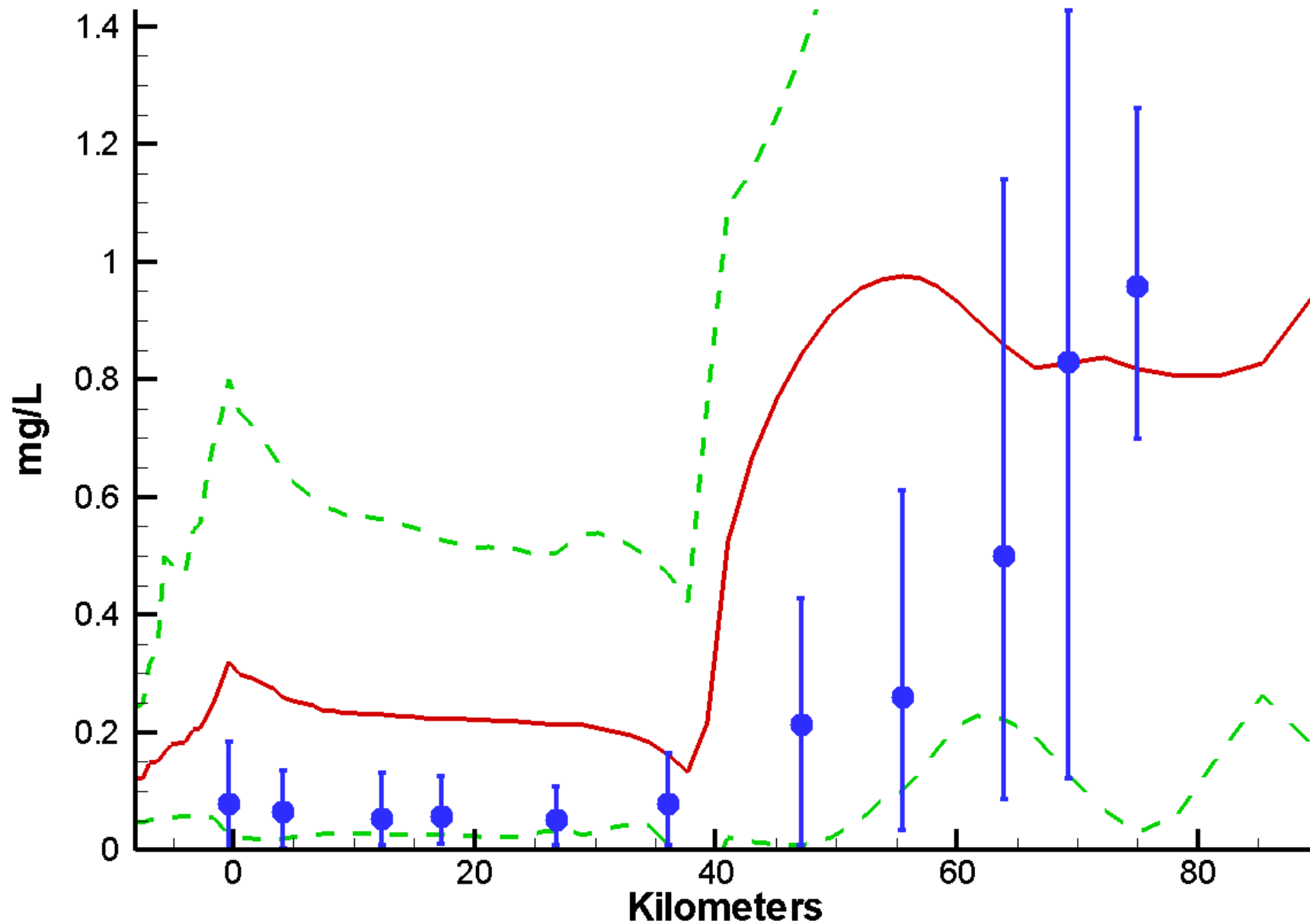
## Surface Ammonium Fall 1996





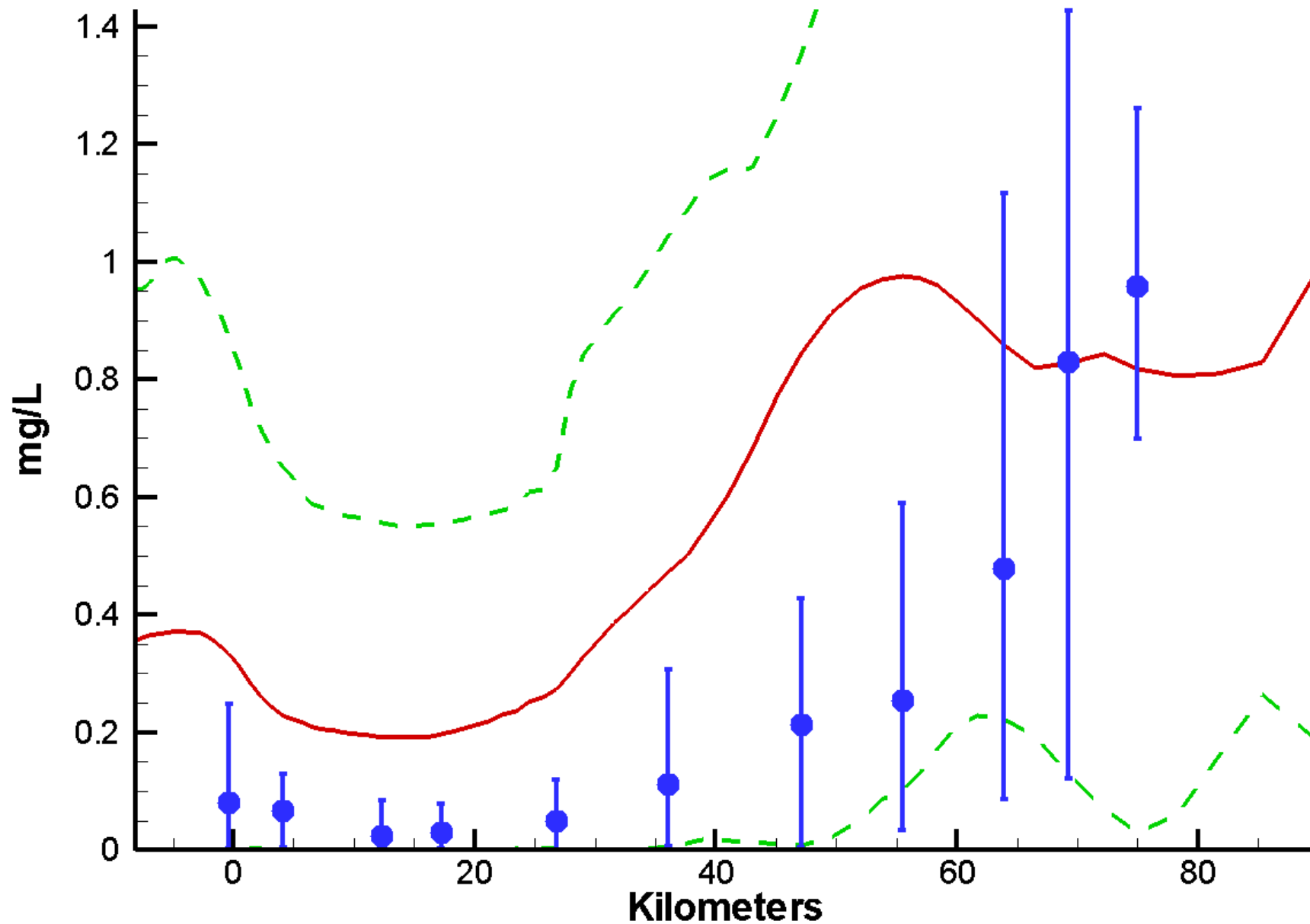
# Patuxent River Ches2015 Run118

## Bottom Nitrate Fall 1996

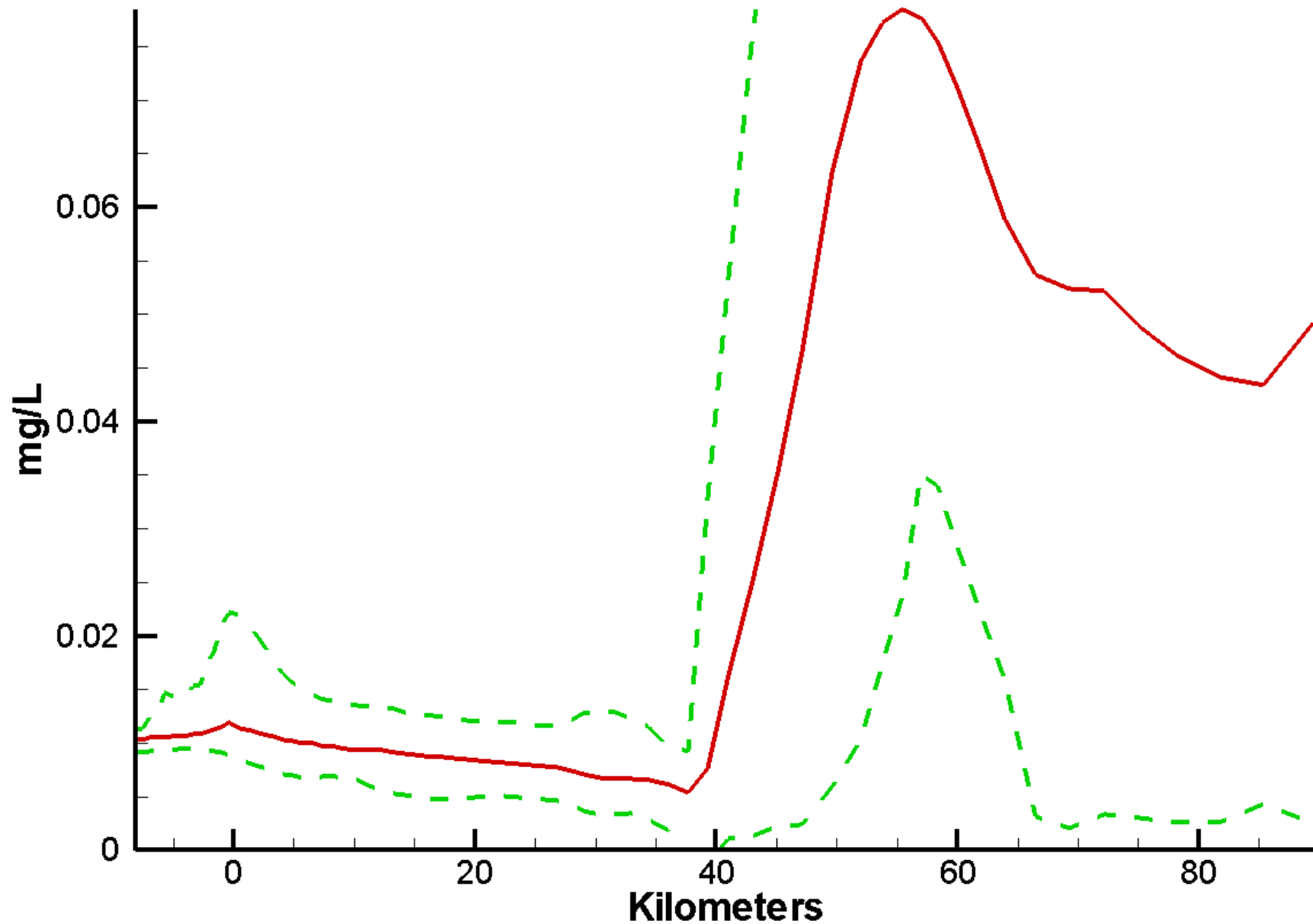


# Patuxent River Ches2015 Run118

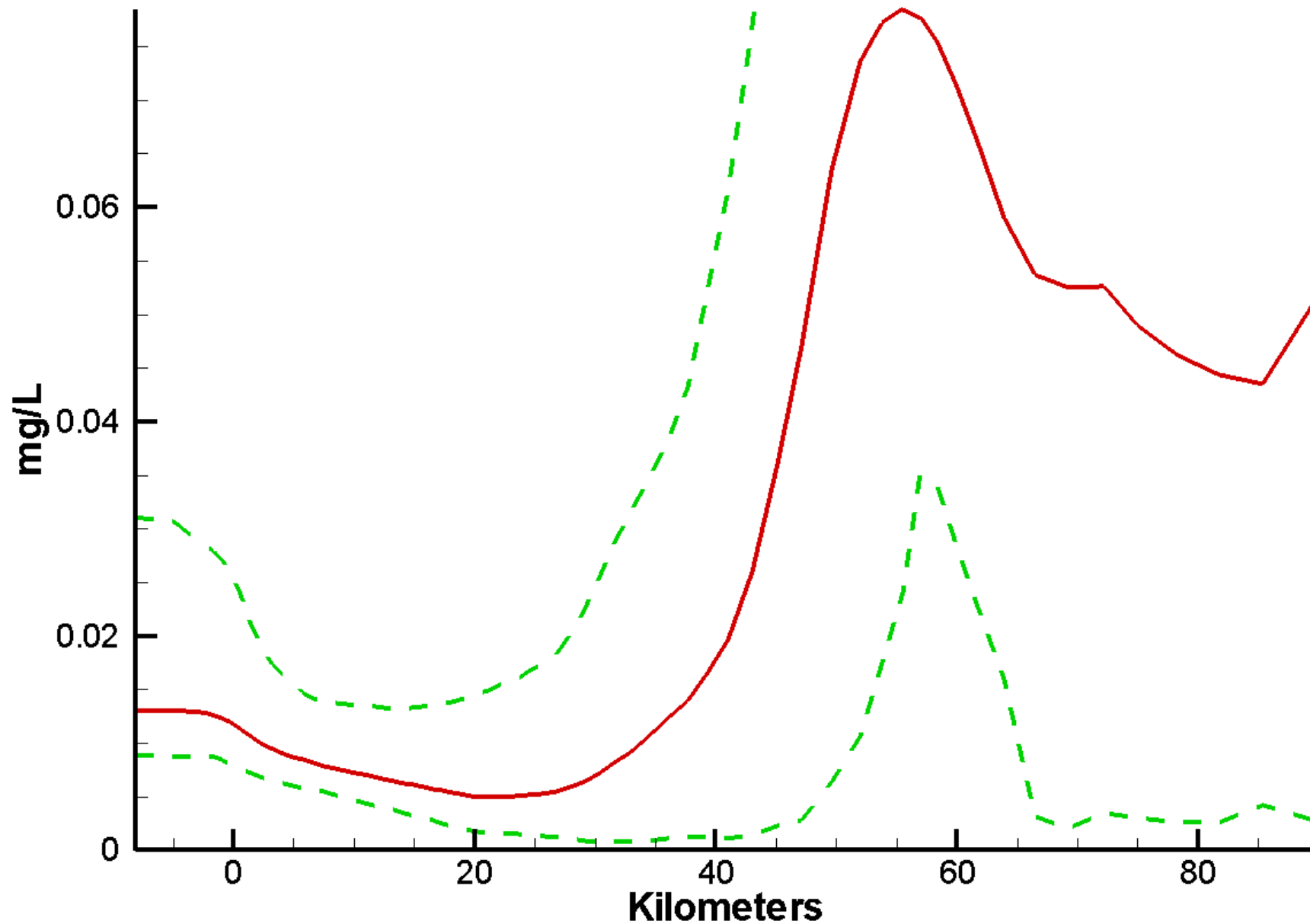
## Surface Nitrate Fall 1996



**Patuxent River Ches2015 Run118**  
**Bottom Particulate Inorganic Phosphorus Fall 1996**

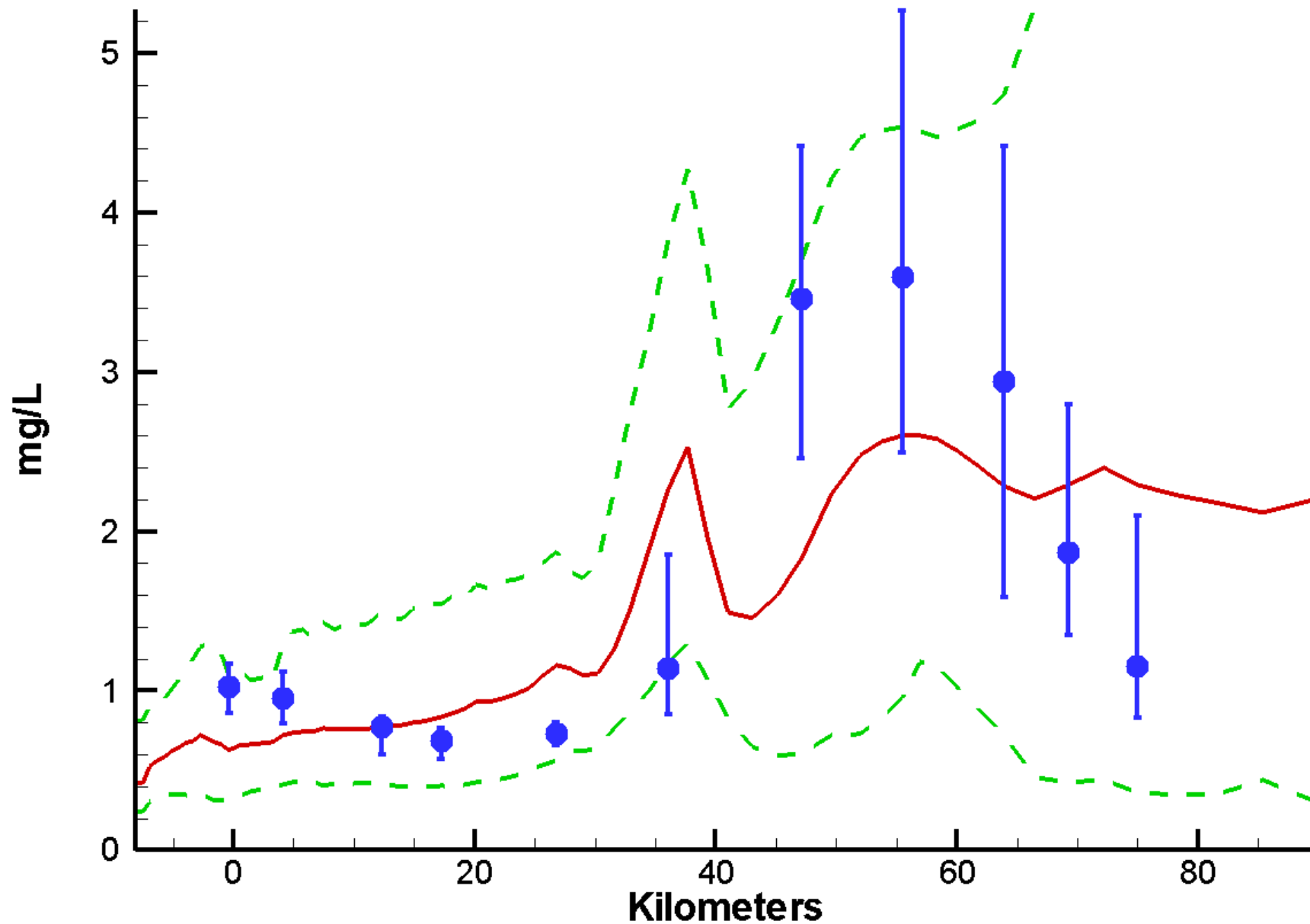


**Patuxent River Ches2015 Run118**  
**Surface Particulate Inorganic Phosphorus Fall 1996**



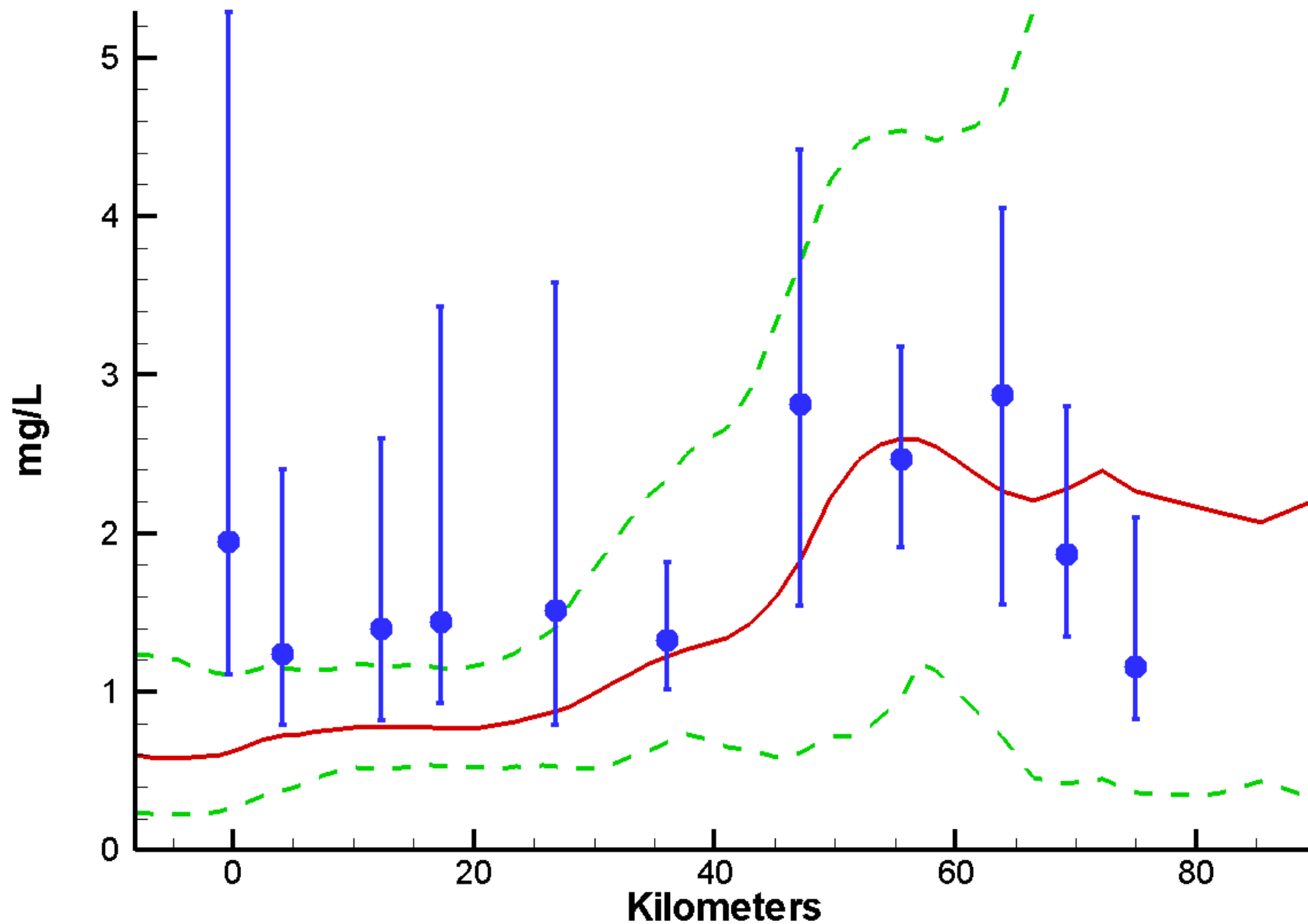
# Patuxent River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1996



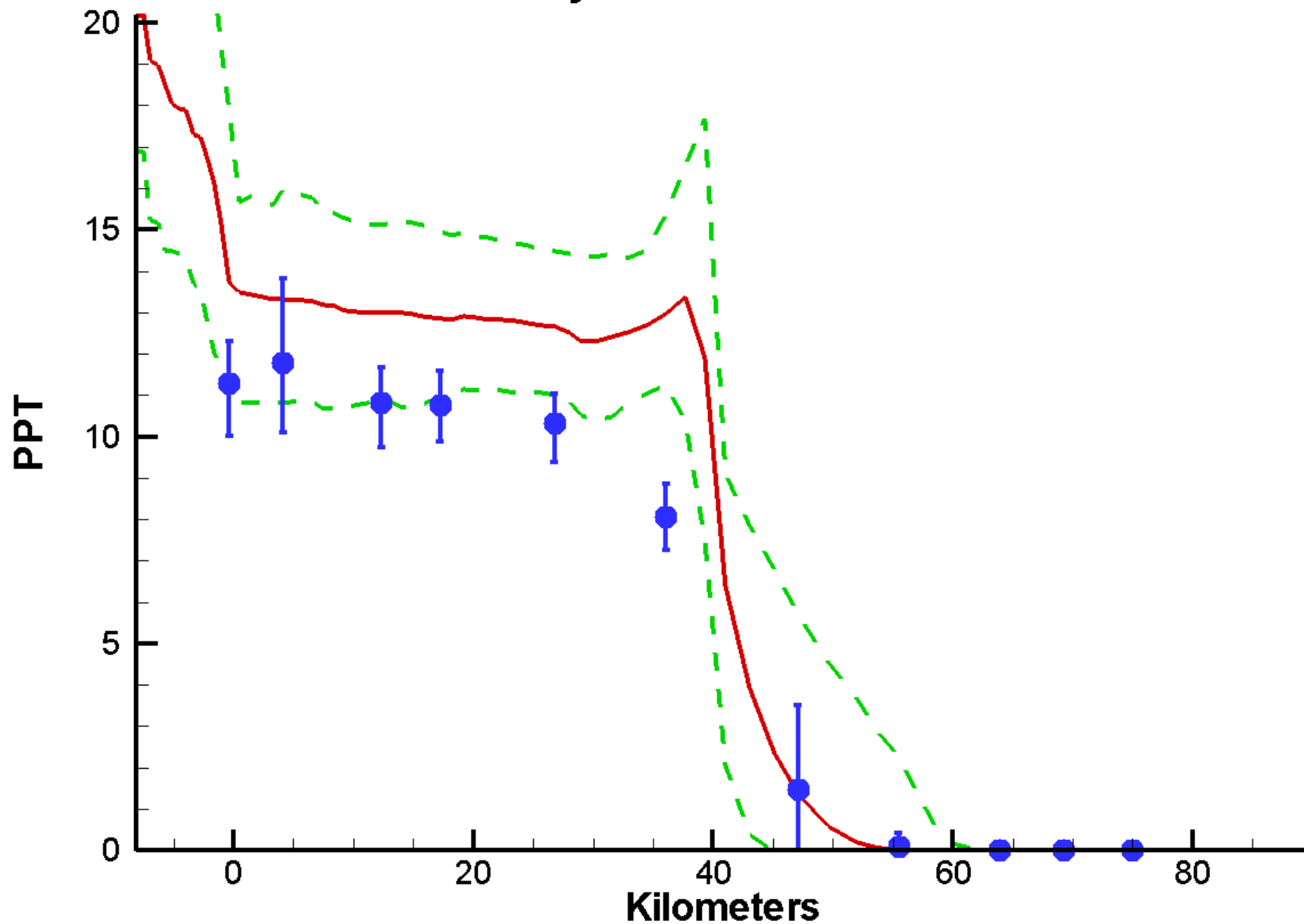
# Patuxent River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1996



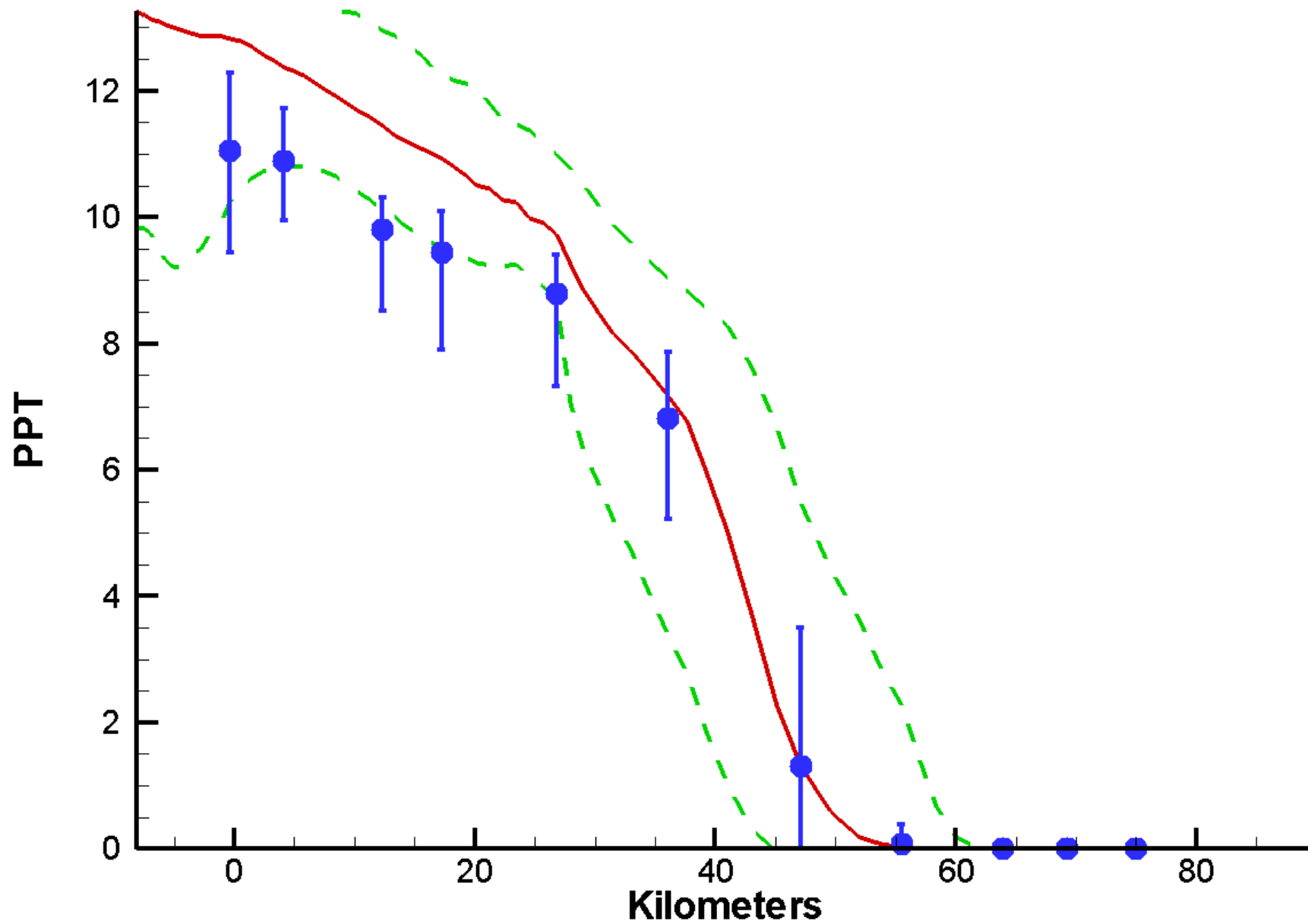
# Patuxent River Ches2015 Run118

## Bottom Salinity Fall 1996



# Patuxent River Ches2015 Run118

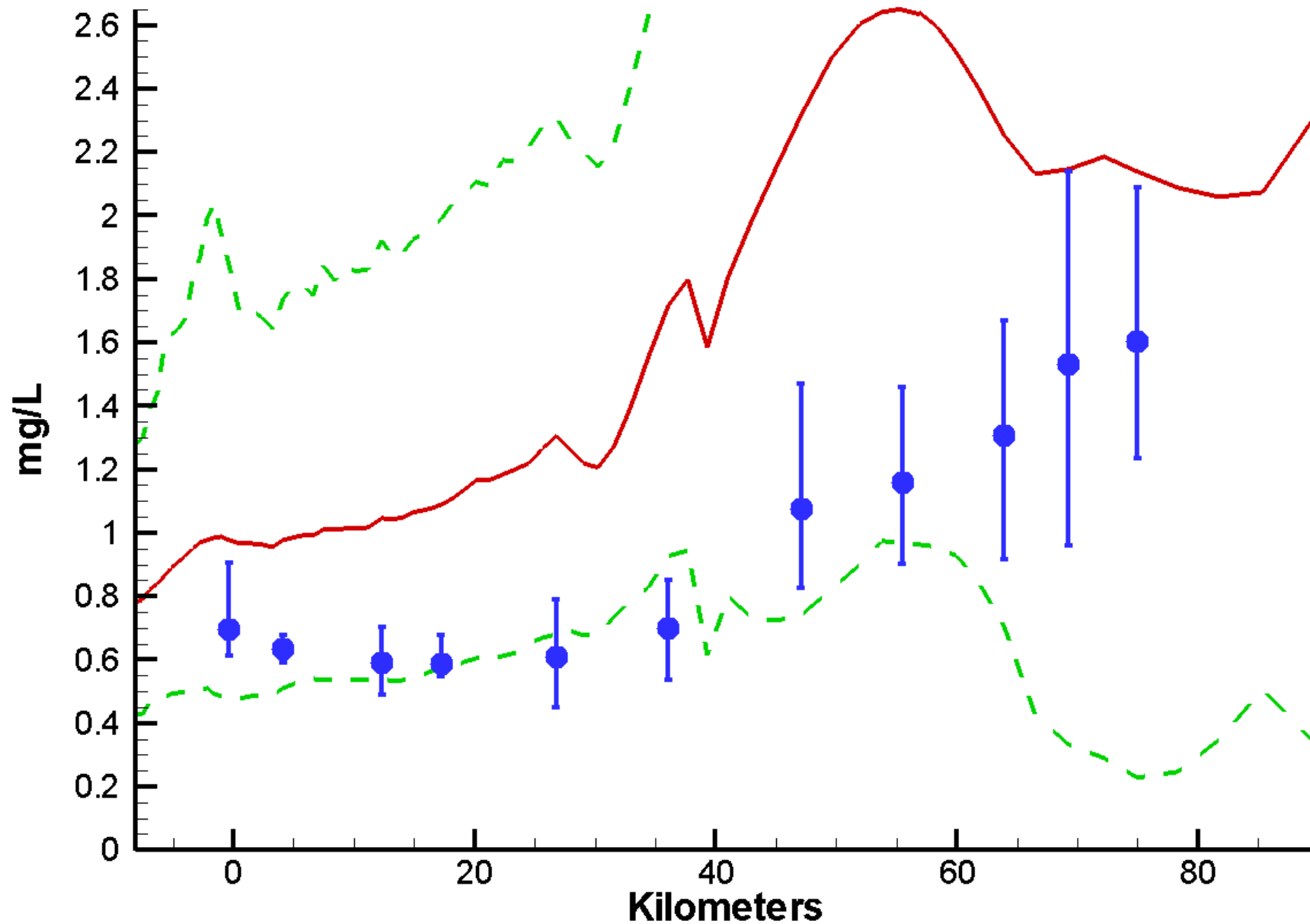
## Surface Salinity Fall 1996





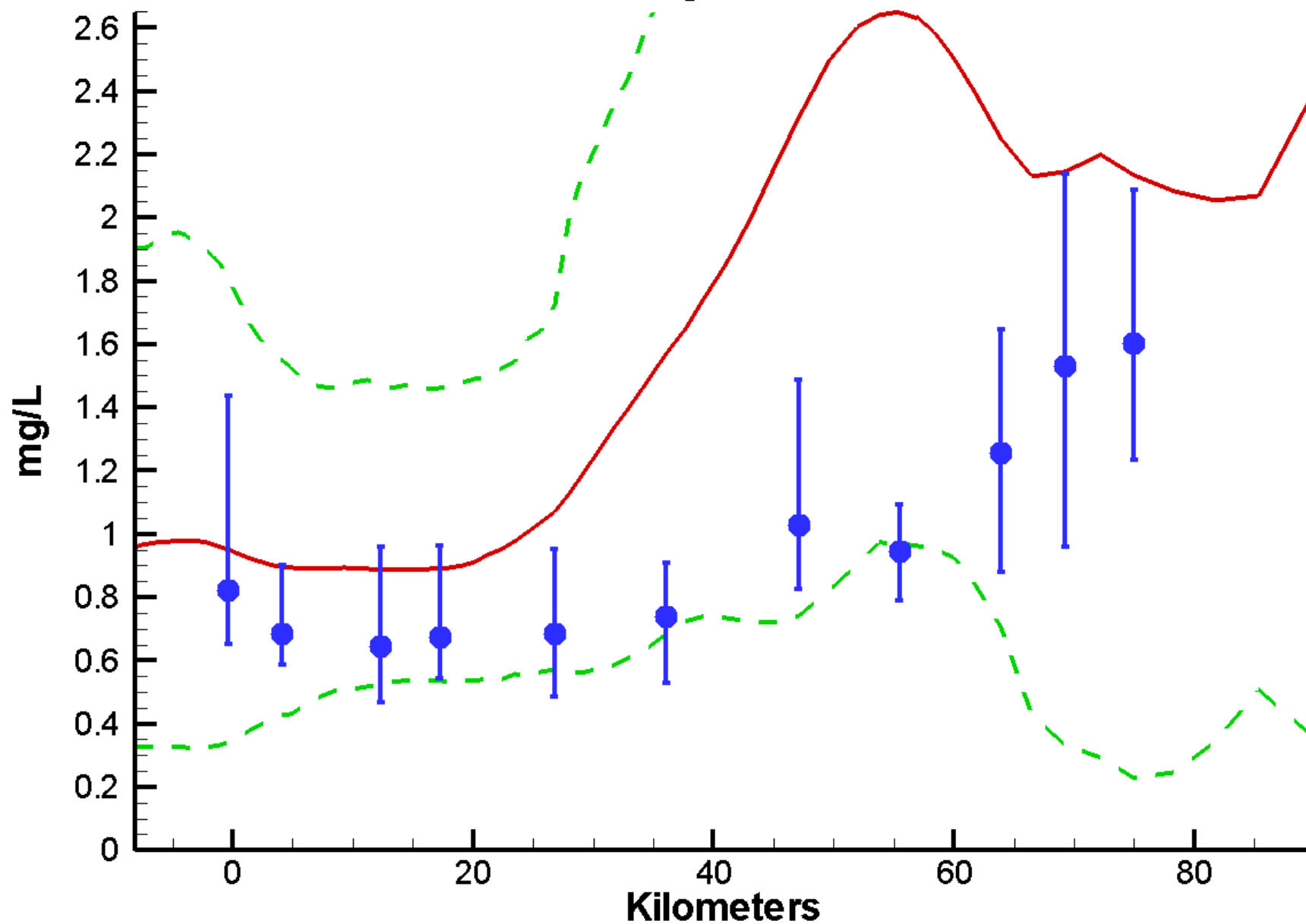
# Patuxent River Ches2015 Run118

## Bottom Total Nitrogen Fall 1996



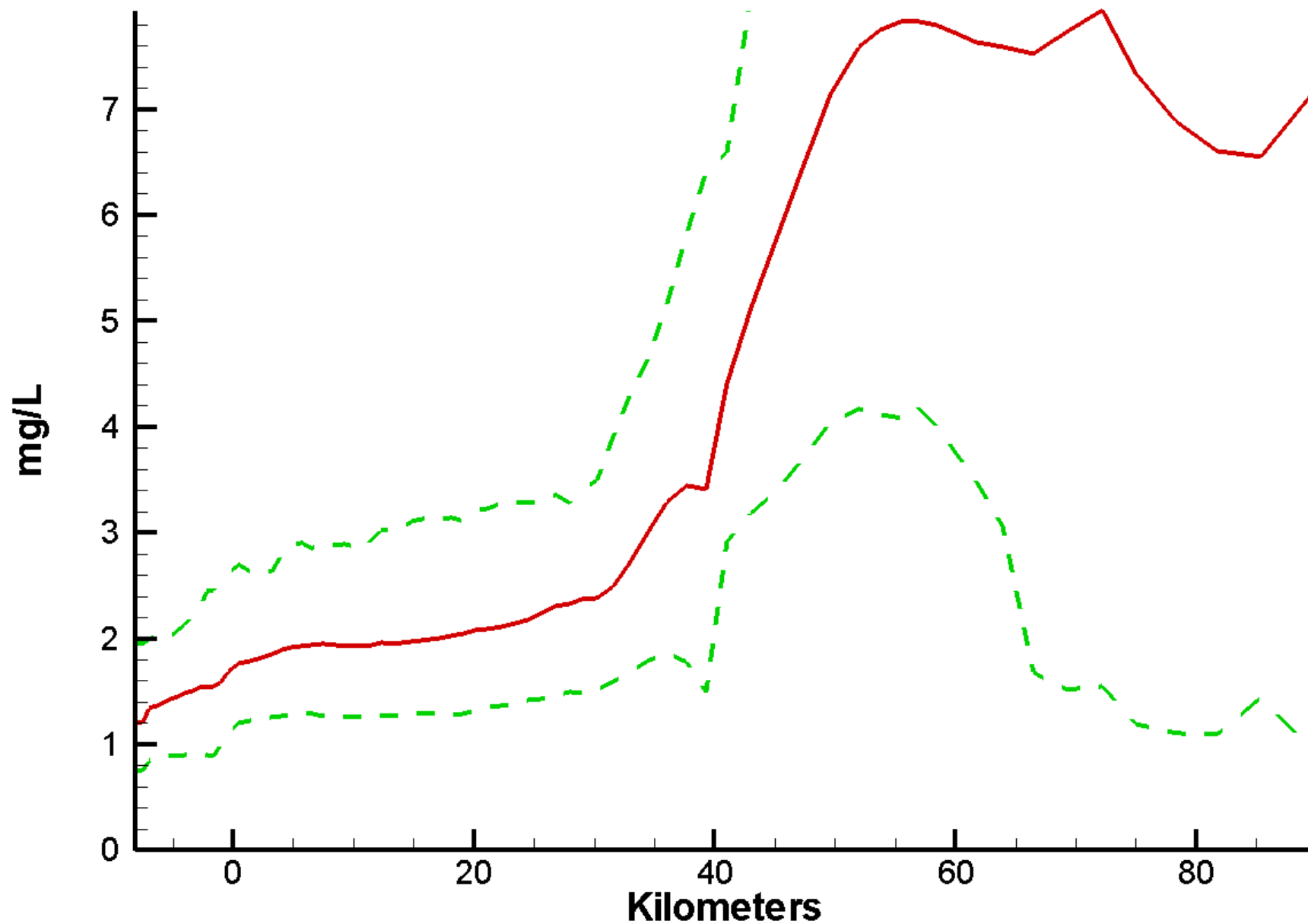
# Patuxent River Ches2015 Run118

## Surface Total Nitrogen Fall 1996

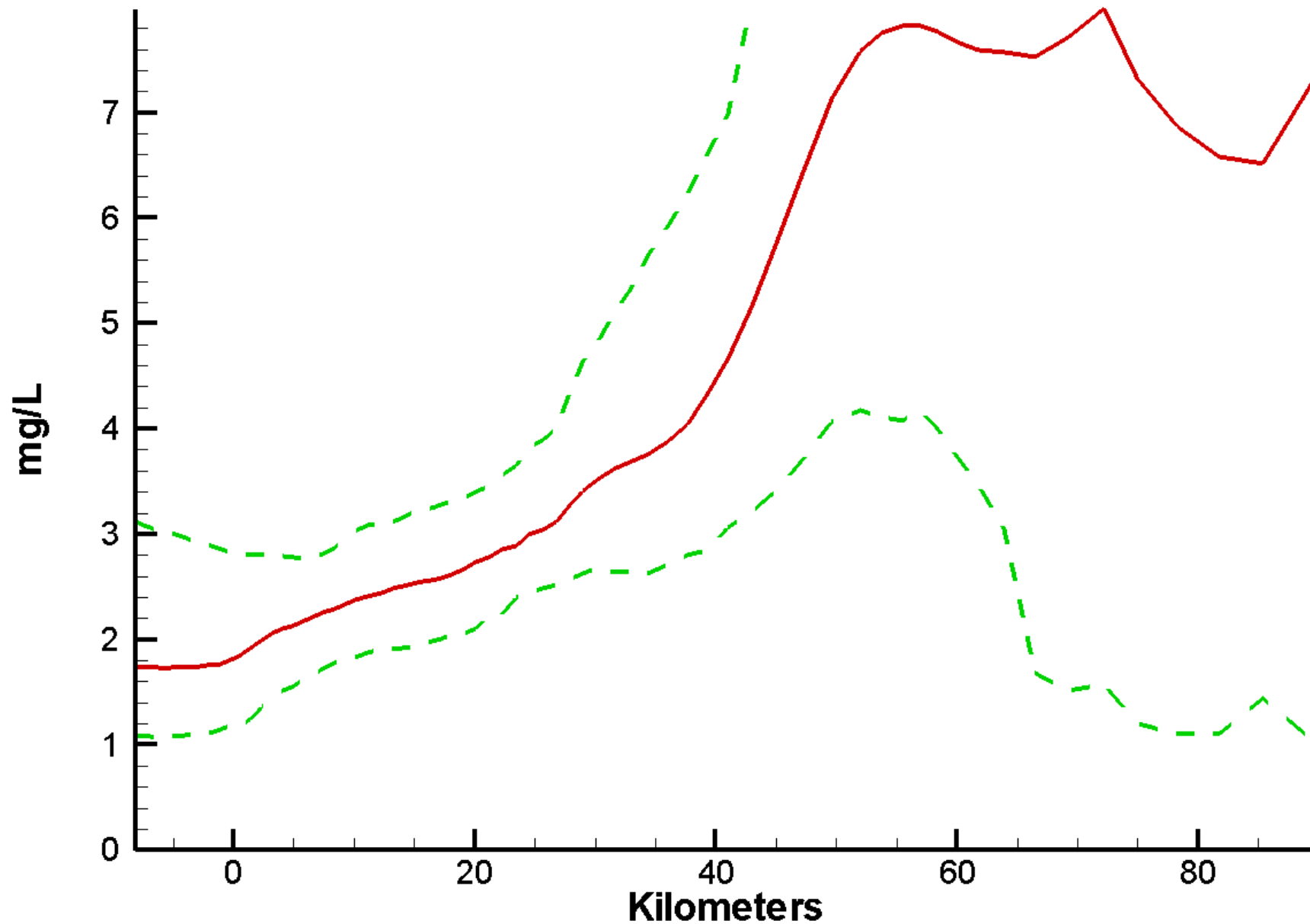


# Patuxent River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1996

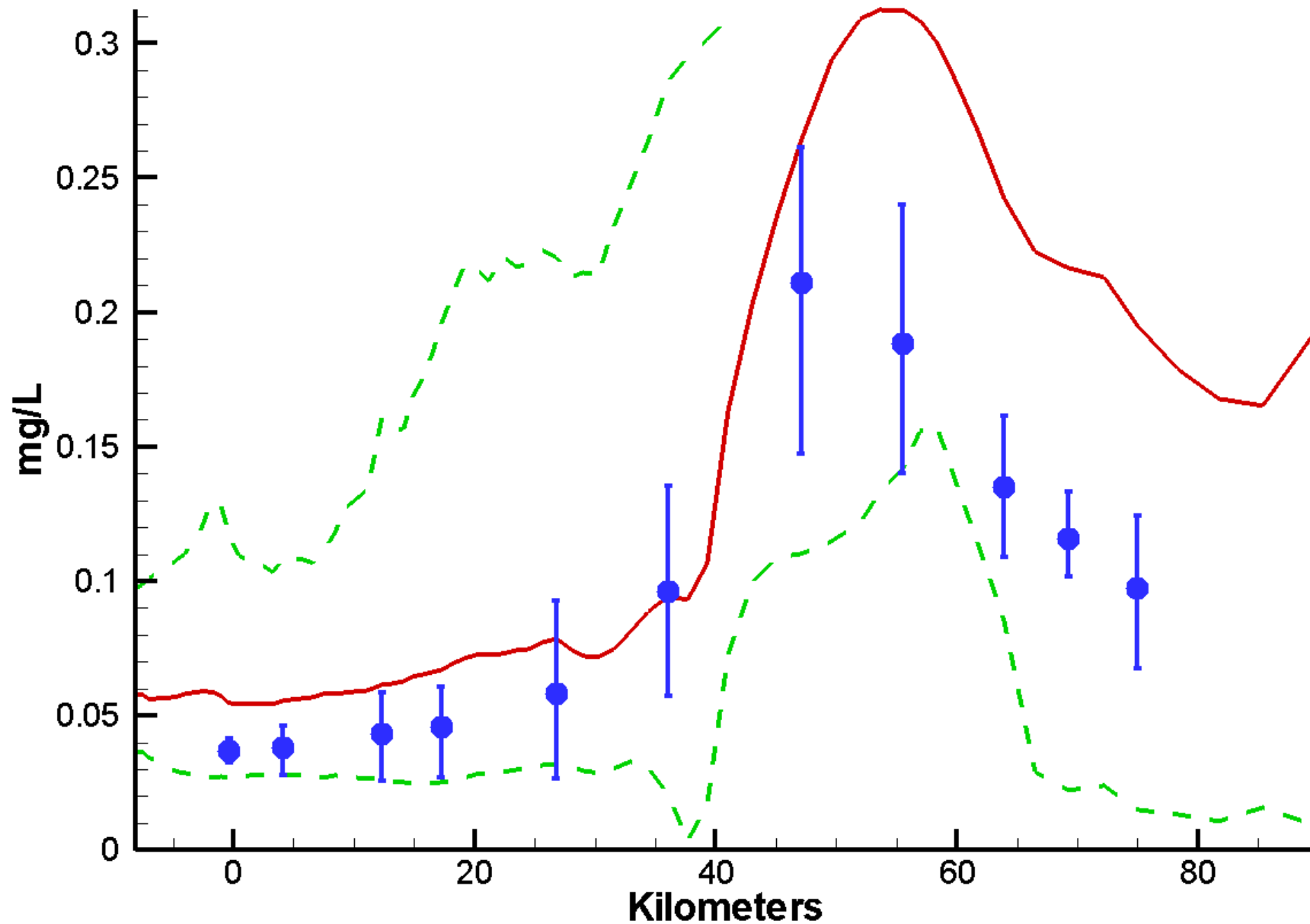


**Patuxent River Ches2015 Run118**  
**Surface Total Organic Carbon Fall 1996**



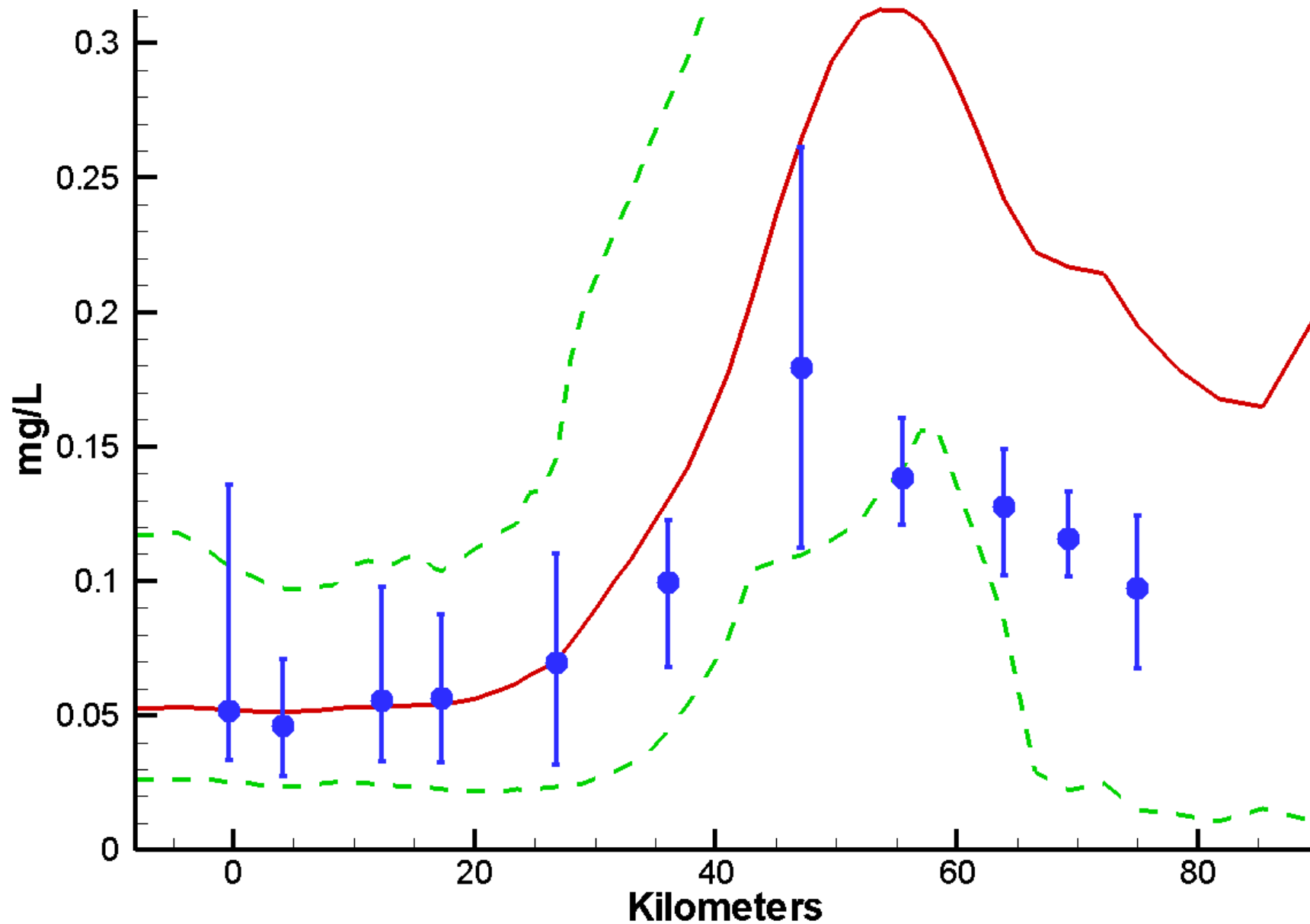
# Patuxent River Ches2015 Run118

## Bottom Total Phosphorus Fall 1996



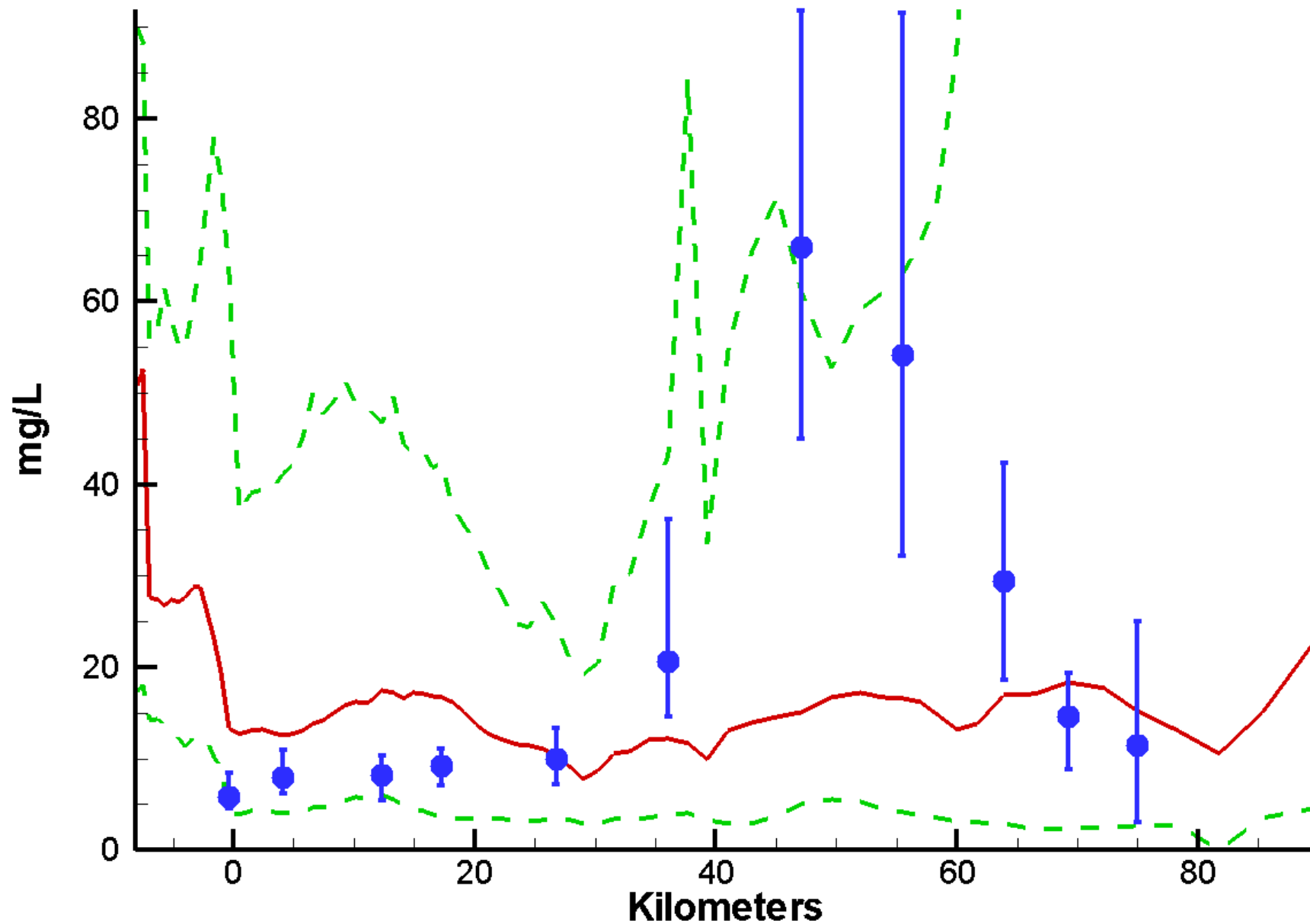
# Patuxent River Ches2015 Run118

## Surface Total Phosphorus Fall 1996



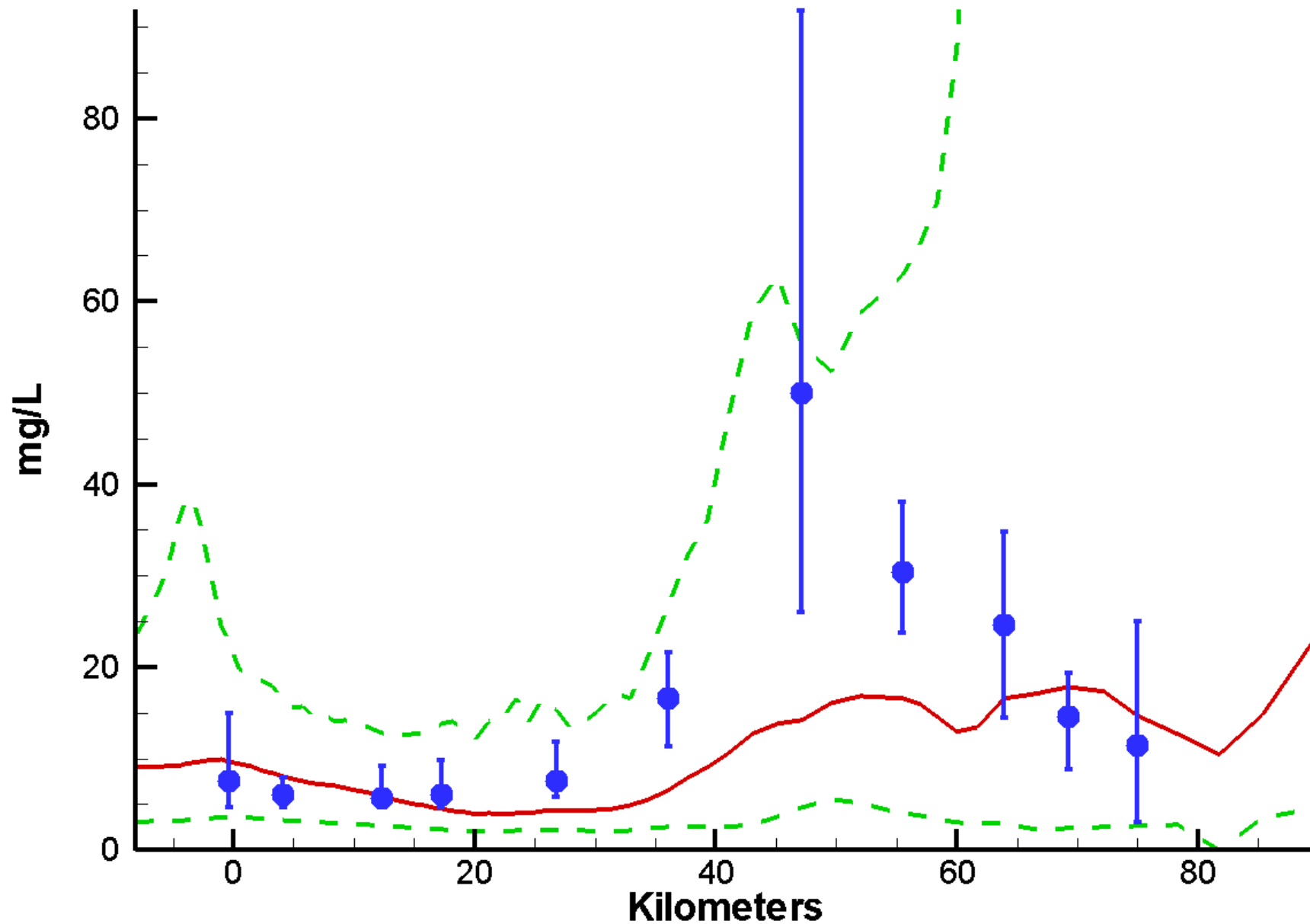
# Patuxent River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1996



# Patuxent River Ches2015 Run118

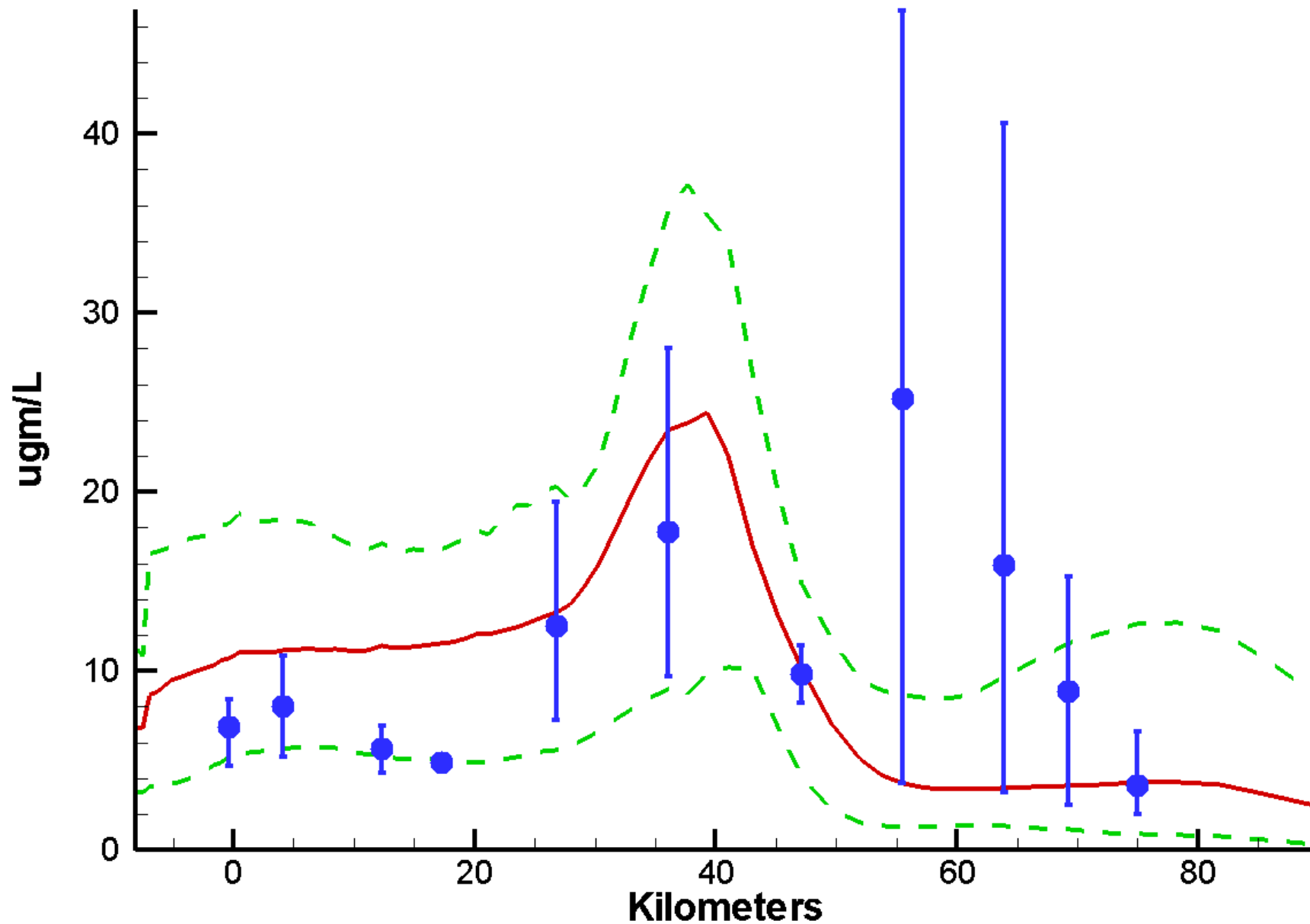
## Surface Total Suspended Solids Fall 1996





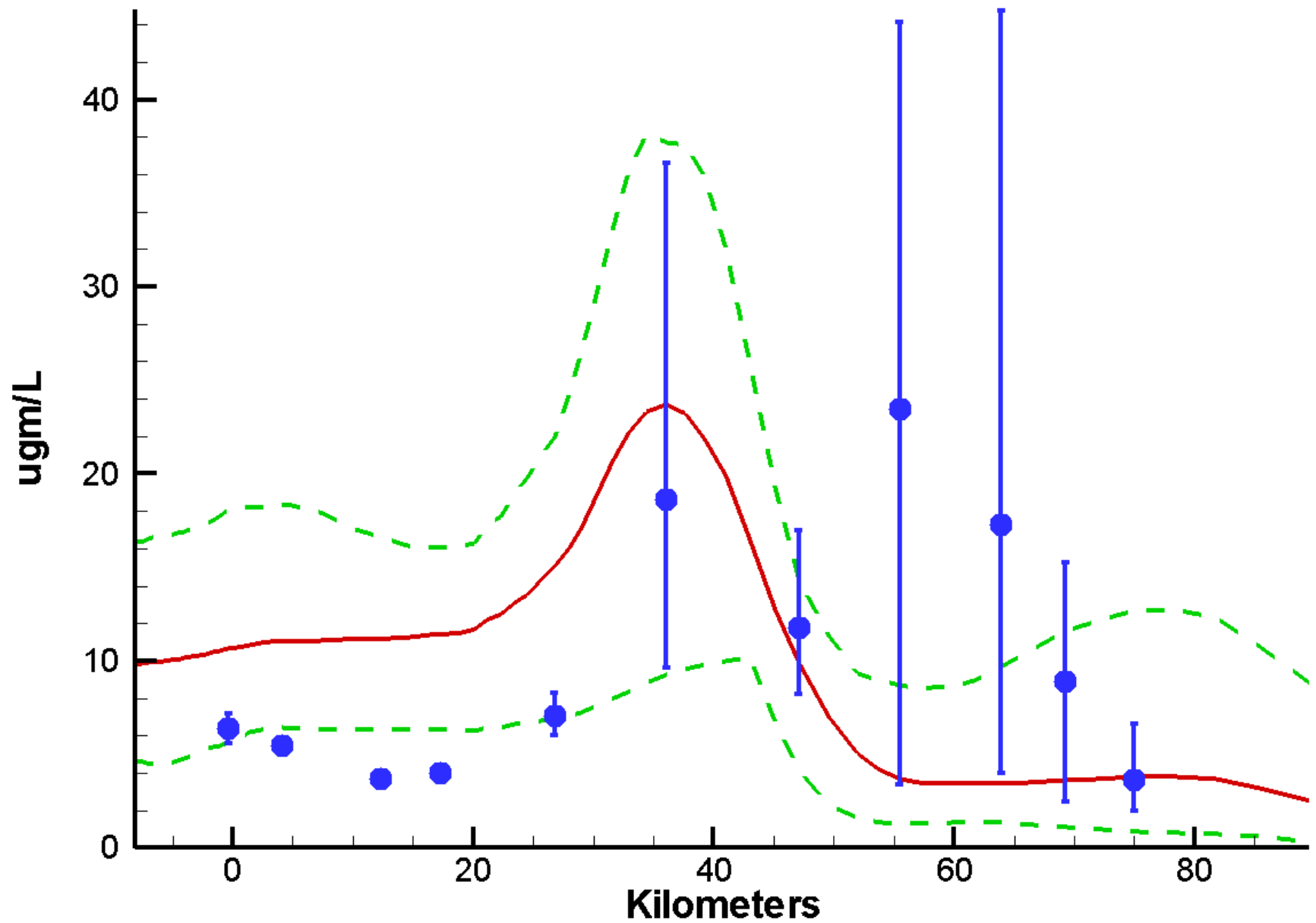
# Patuxent River Ches2015 Run118

## Bottom Chlorophyll Winter 1999



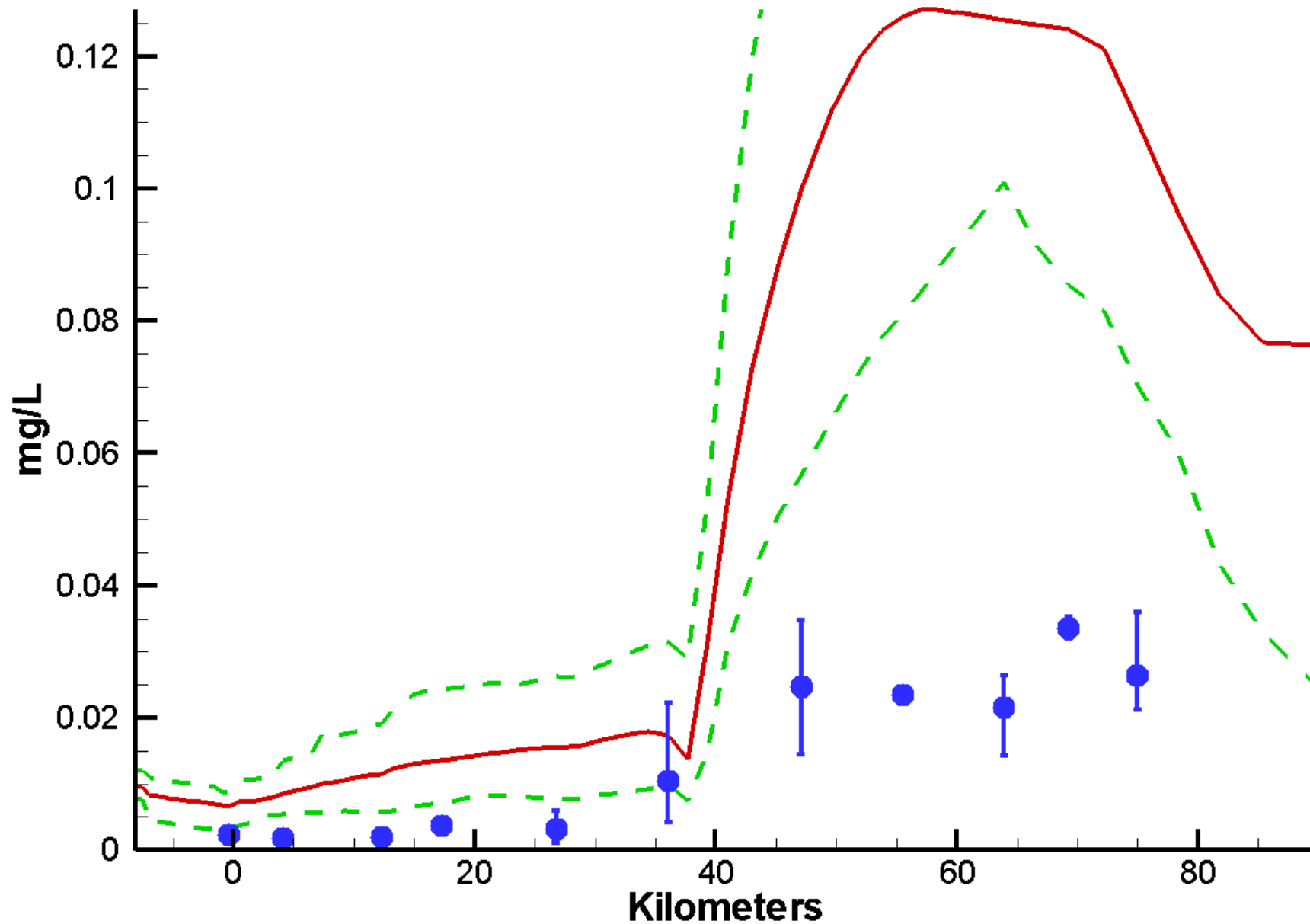
# Patuxent River Ches2015 Run118

## Surface Chlorophyll Winter 1999



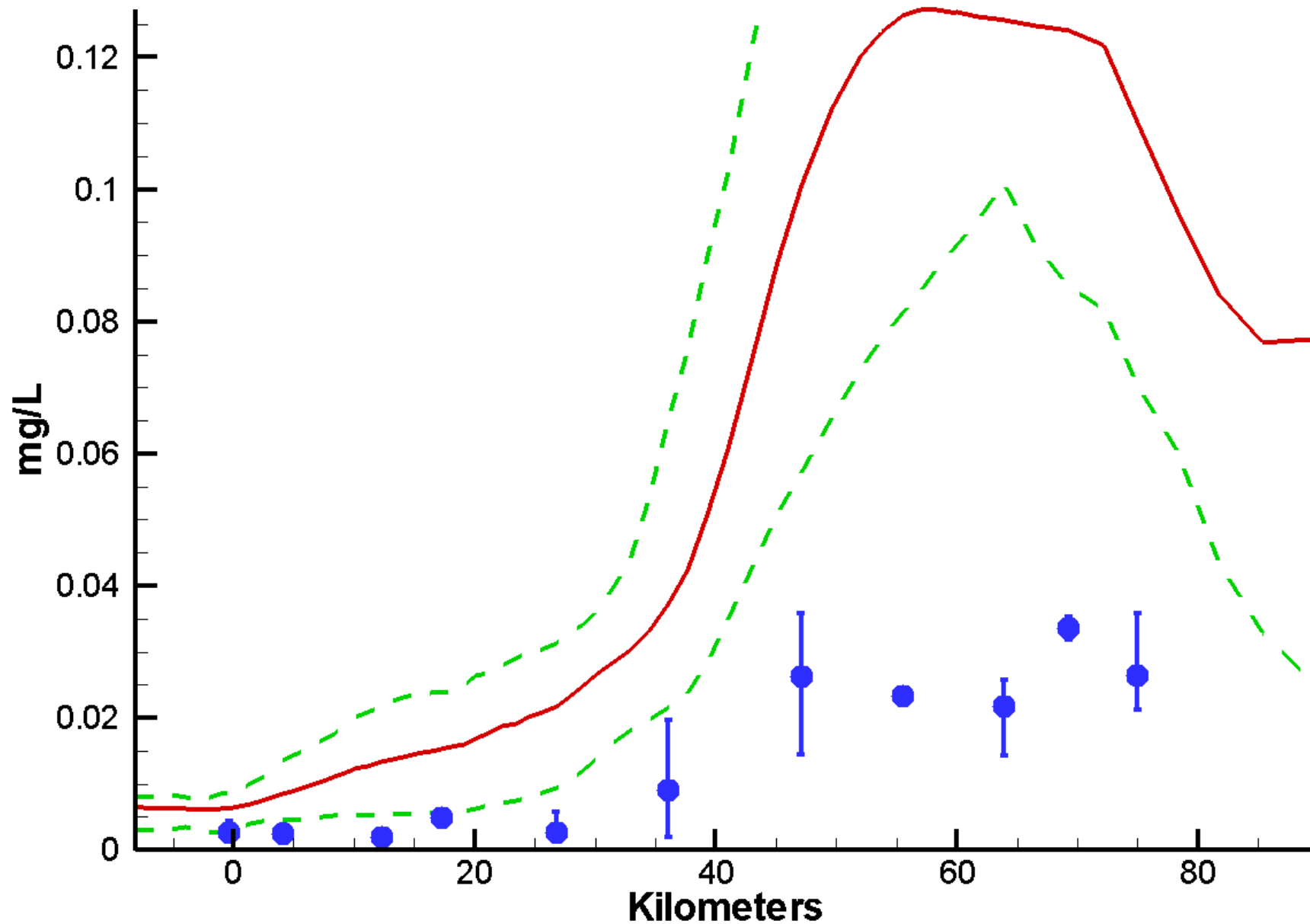
# Patuxent River Ches2015 Run118

## Bottom Dissolved Phosphate Winter 1999



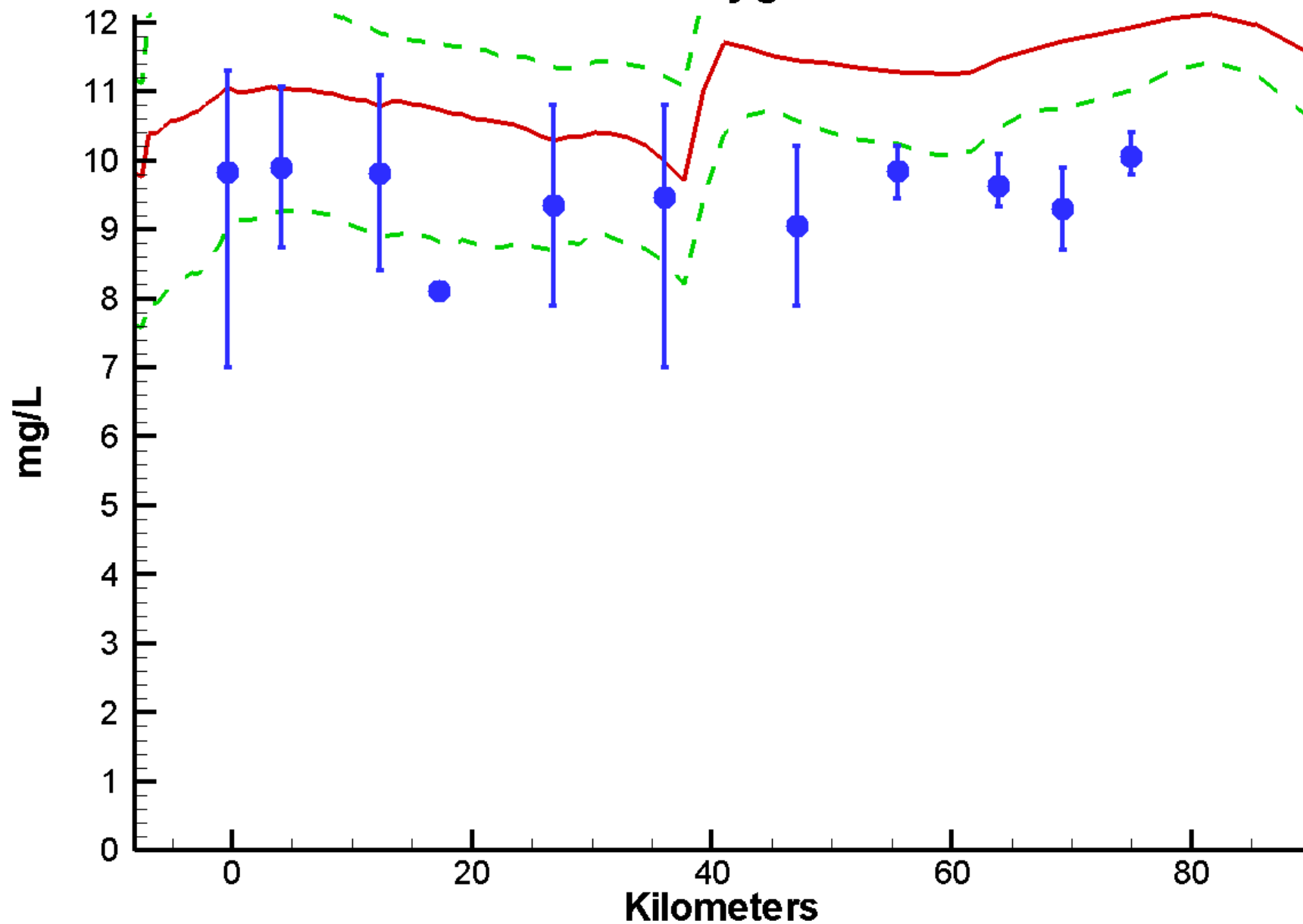
# Patuxent River Ches2015 Run118

## Surface Dissolved Phosphate Winter 1999



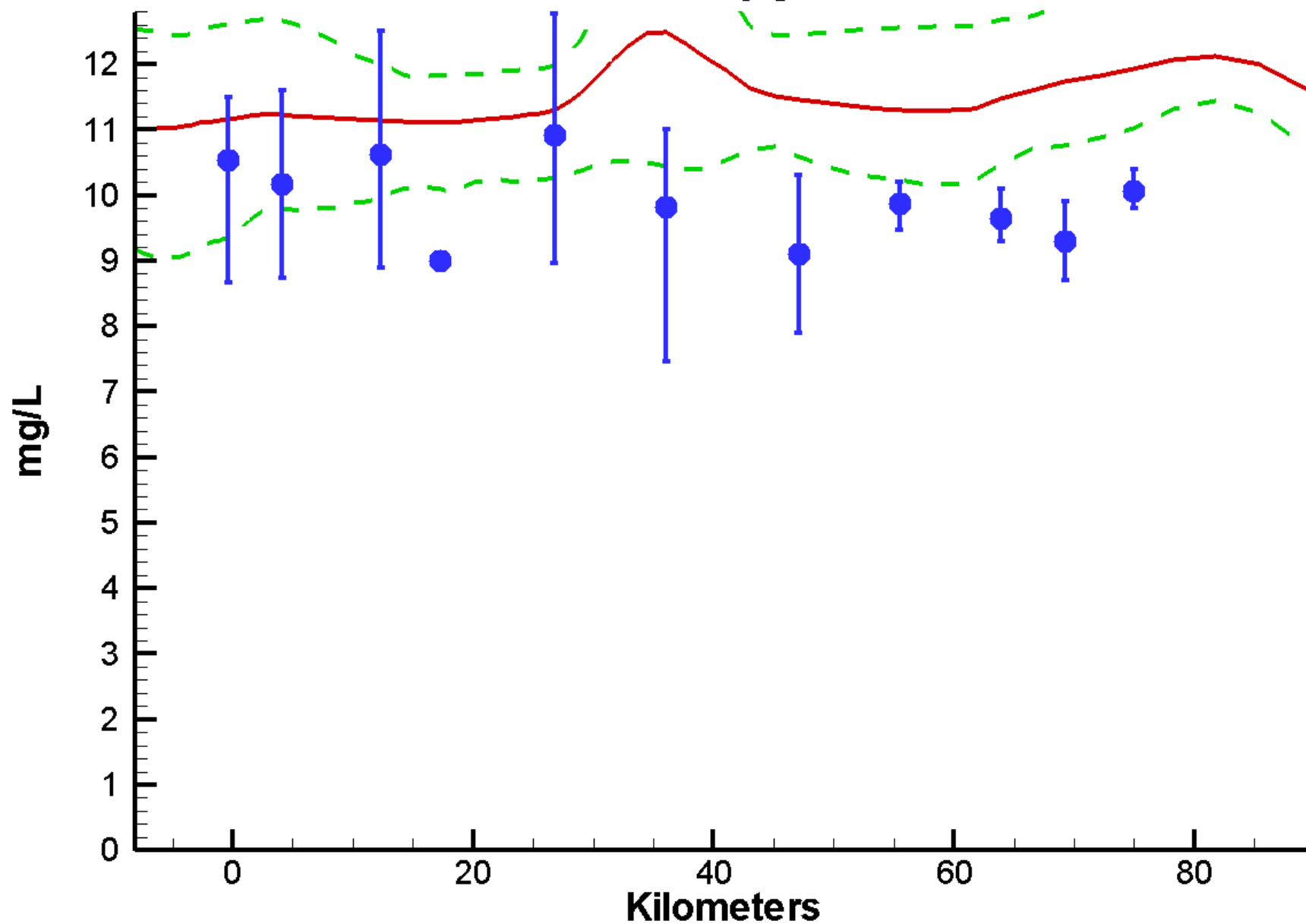
# Patuxent River Ches2015 Run118

## Bottom Dissolved Oxygen Winter 1999



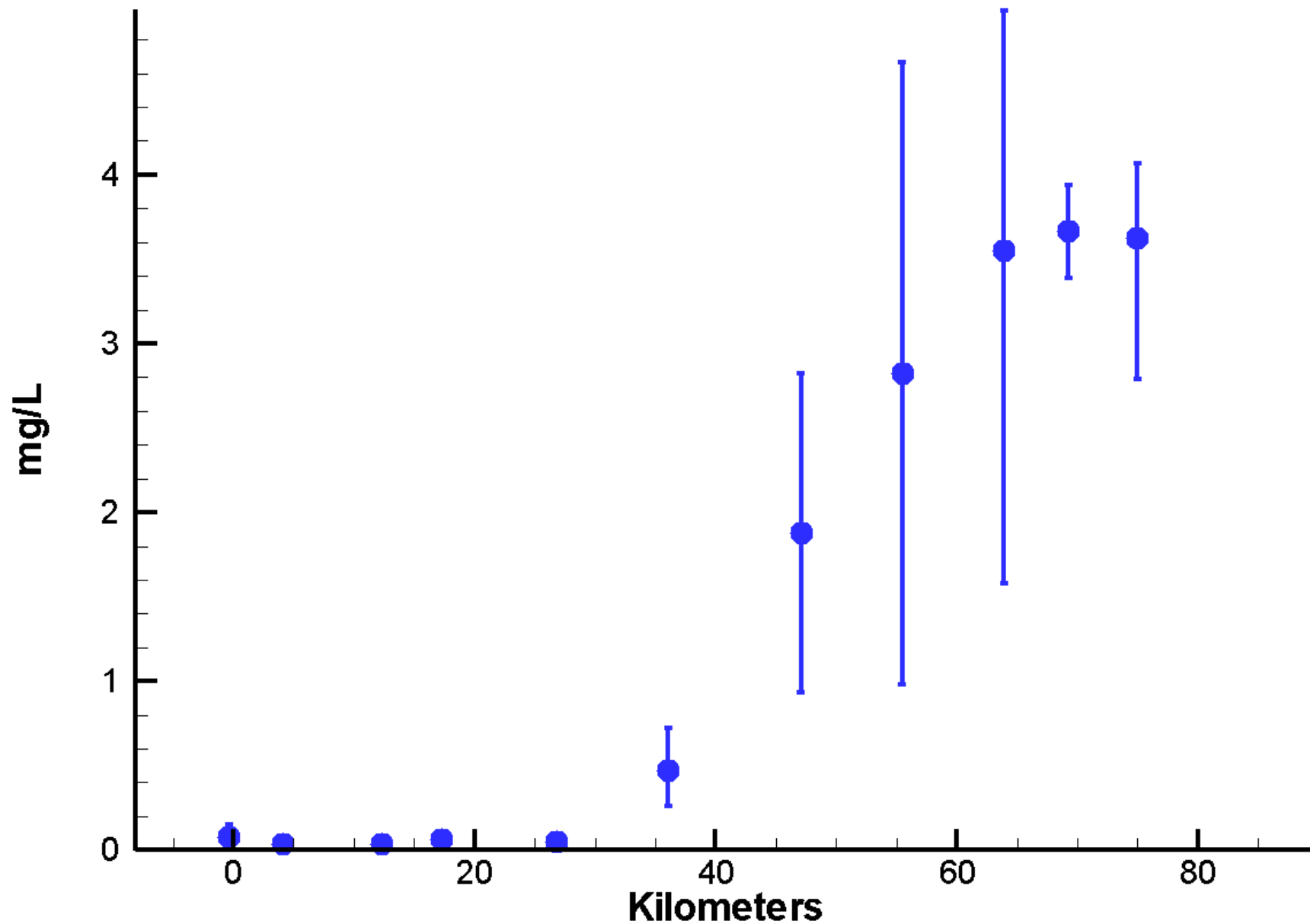
# Patuxent River Ches2015 Run118

## Surface Dissolved Oxygen Winter 1999



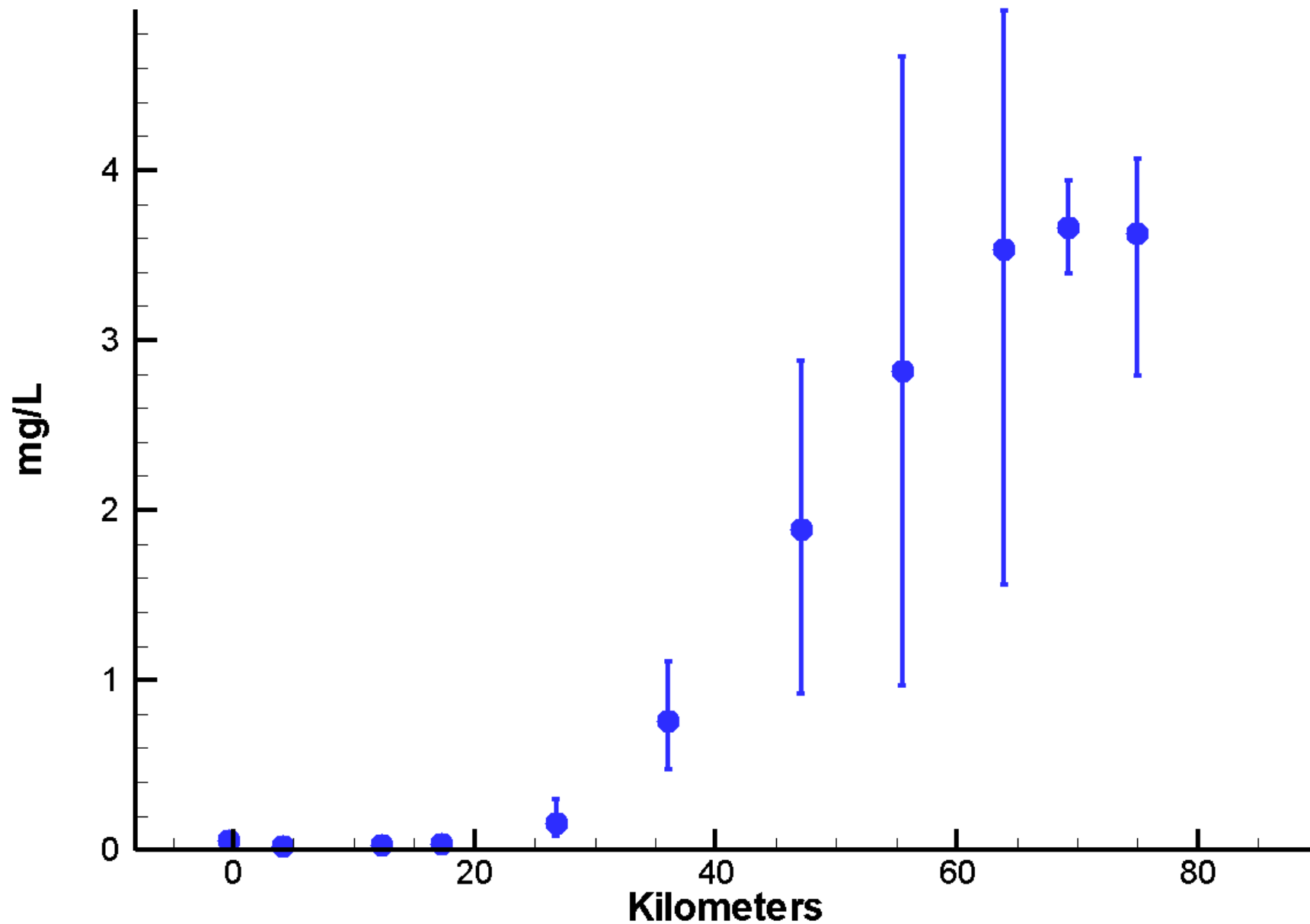
# Patuxent River Ches2015 Run118

## Bottom Dissolved Silica Winter 1999



# Patuxent River Ches2015 Run118

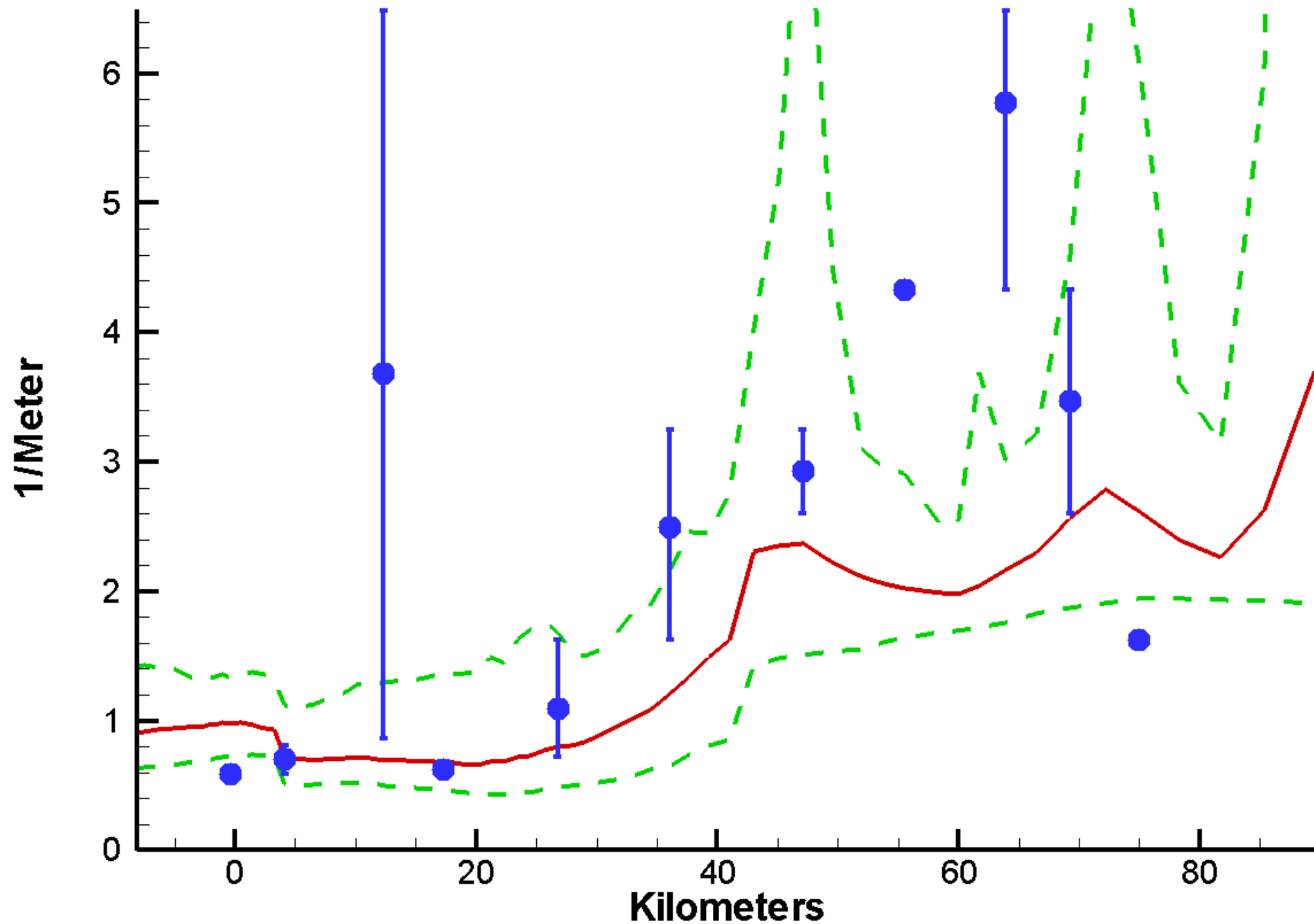
## Surface Dissolved Silica Winter 1999





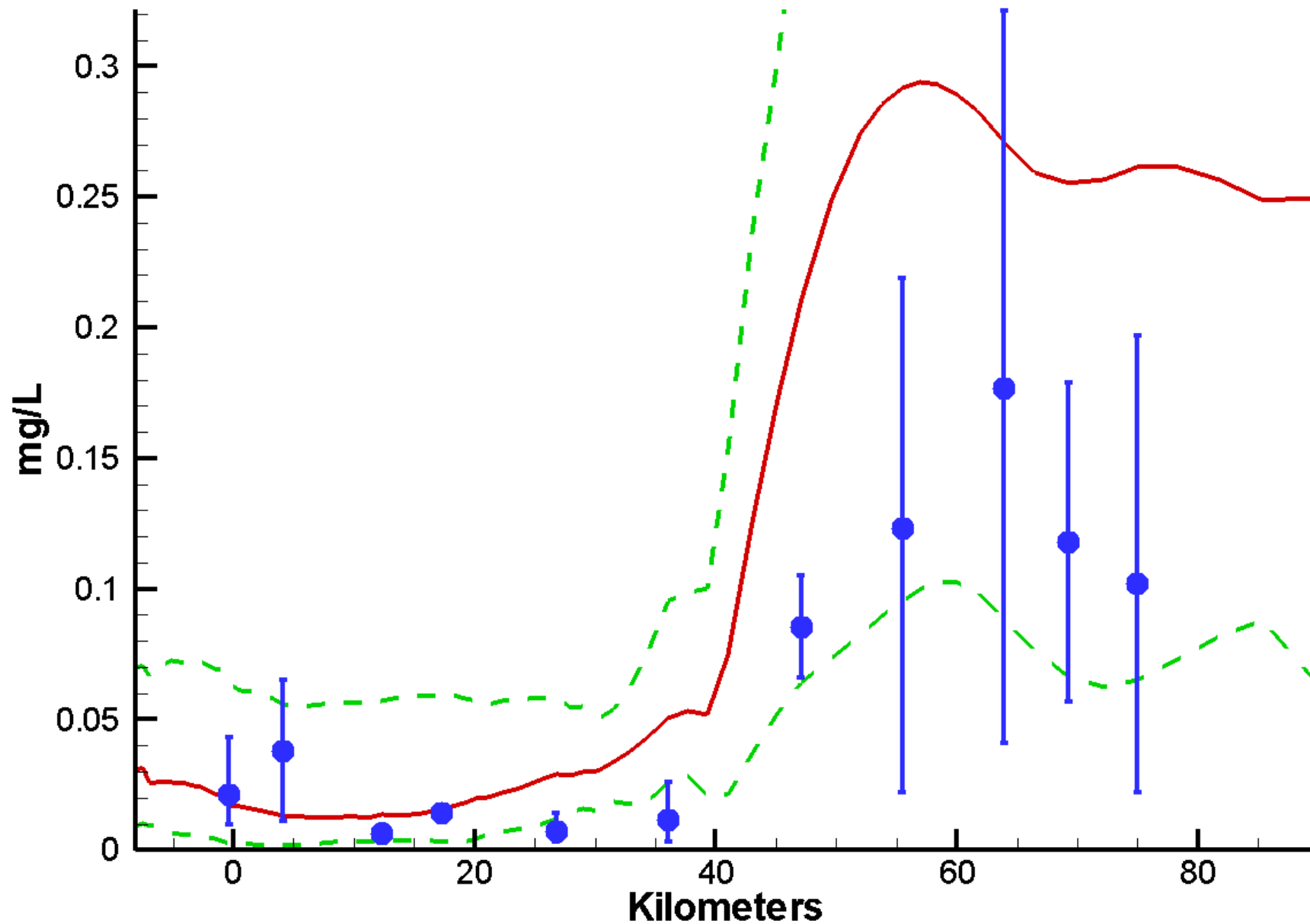
# Patuxent River Ches2015 Run118

## Surface Light Extinction Winter 1999



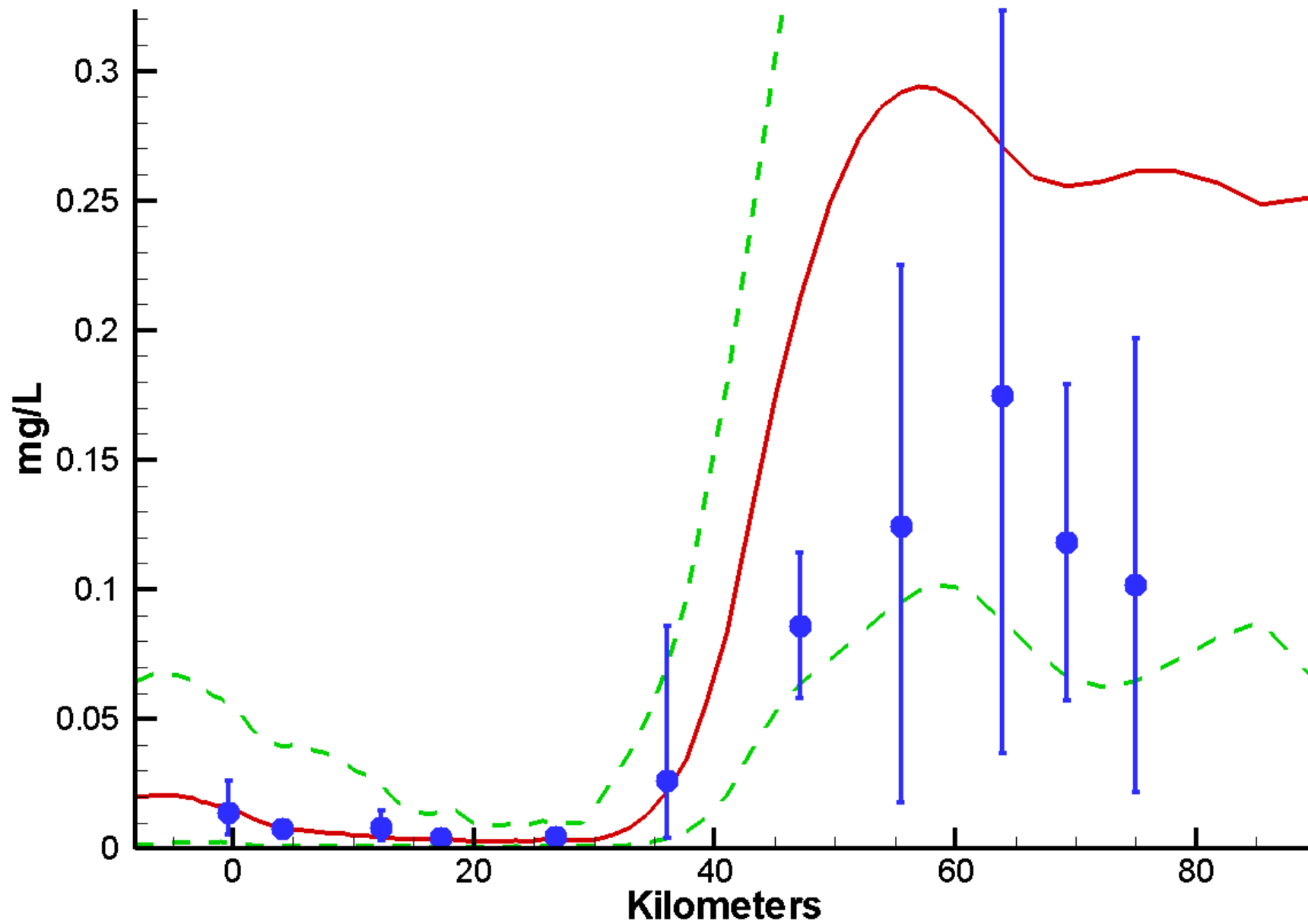
# Patuxent River Ches2015 Run118

## Bottom Ammonium Winter 1999



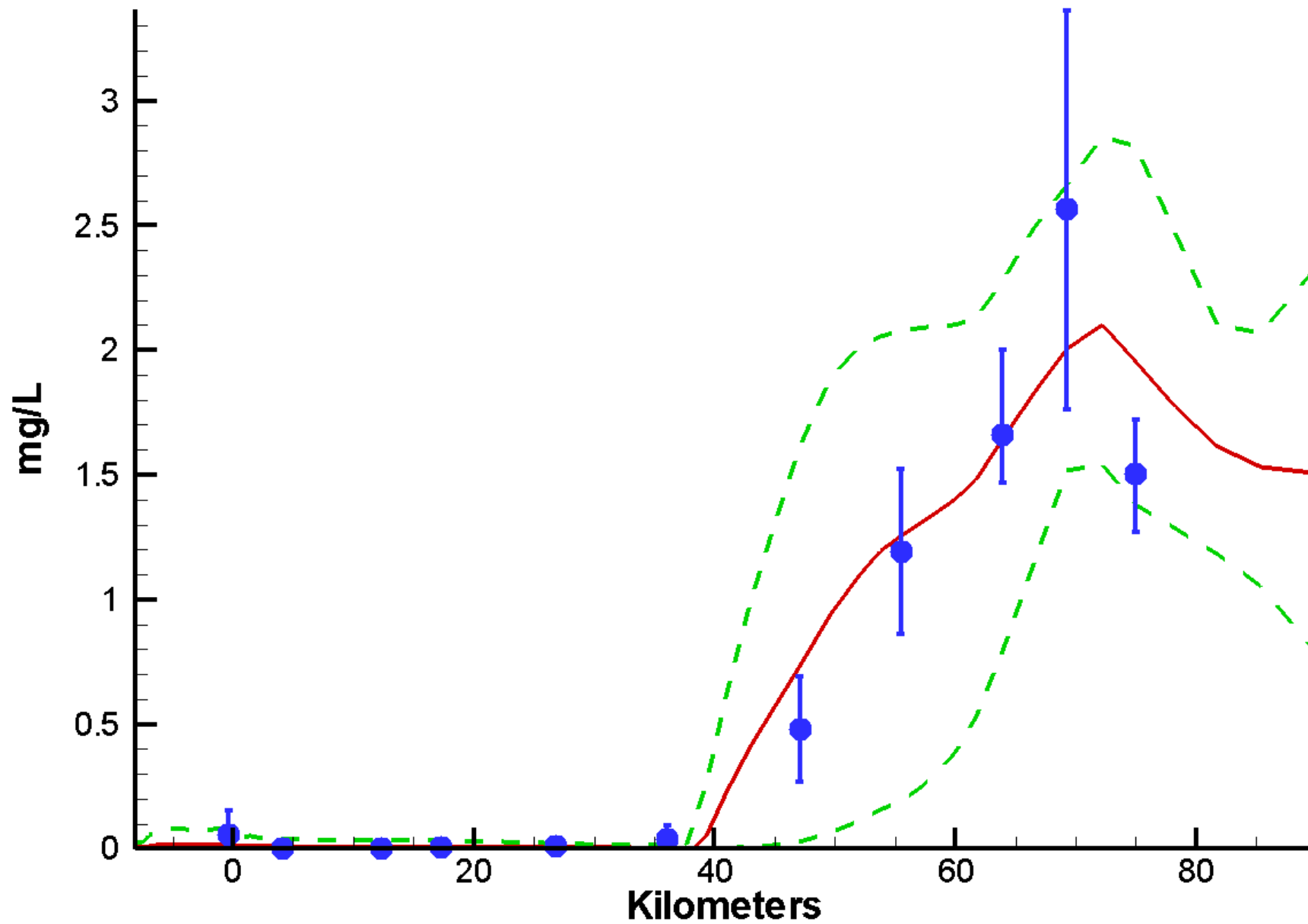
# Patuxent River Ches2015 Run118

## Surface Ammonium Winter 1999



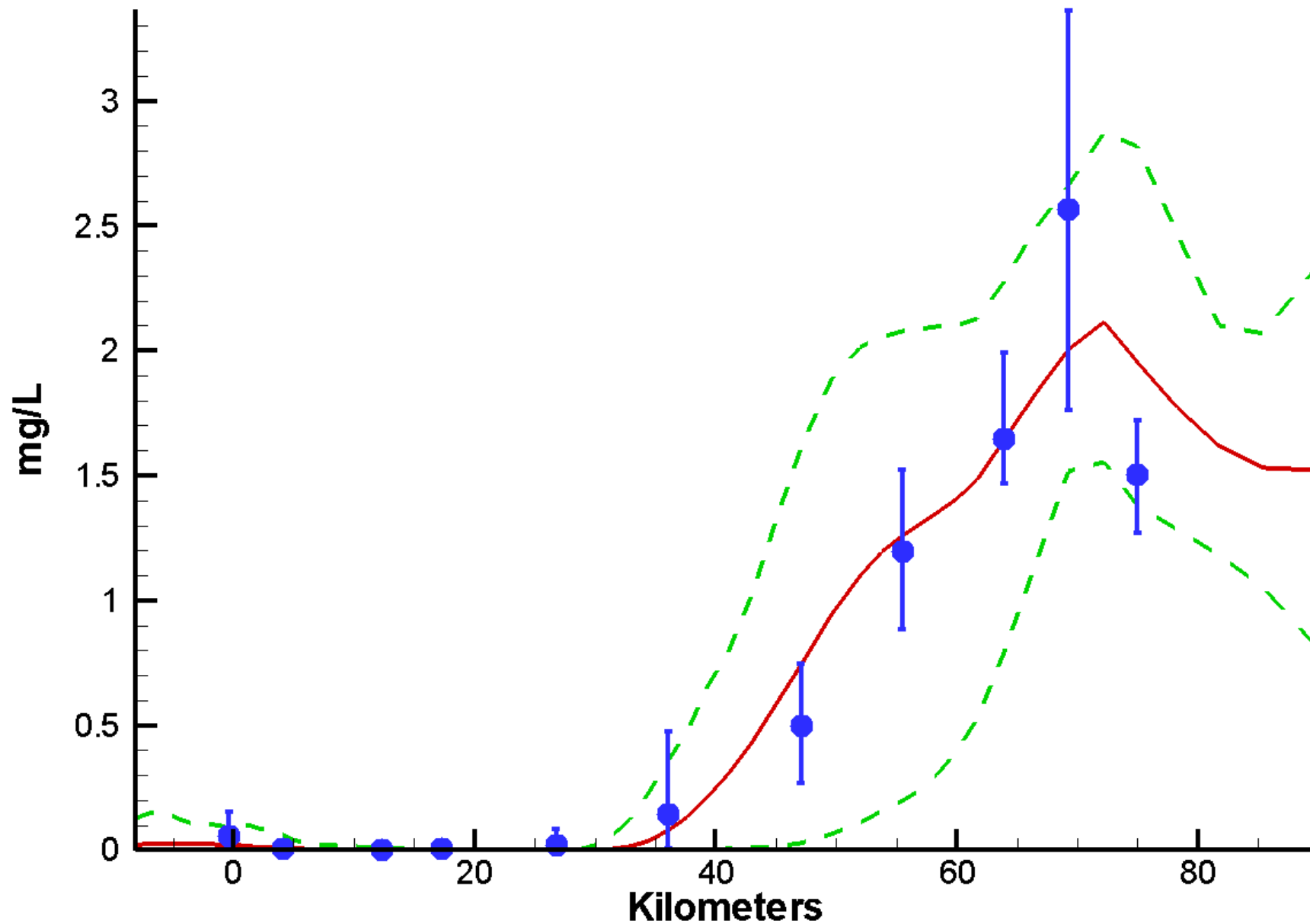
# Patuxent River Ches2015 Run118

## Bottom Nitrate Winter 1999



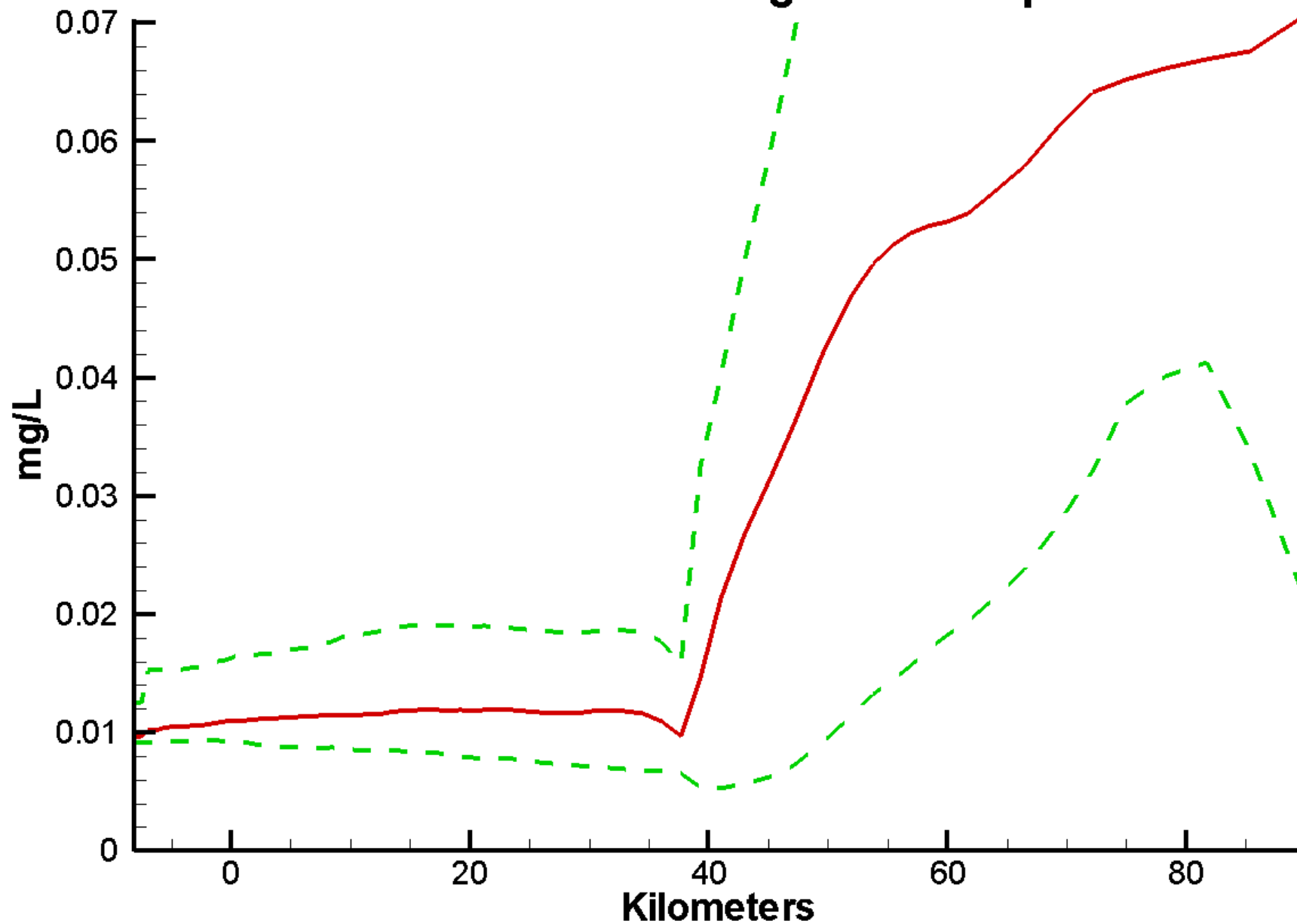
# Patuxent River Ches2015 Run118

## Surface Nitrate Winter 1999



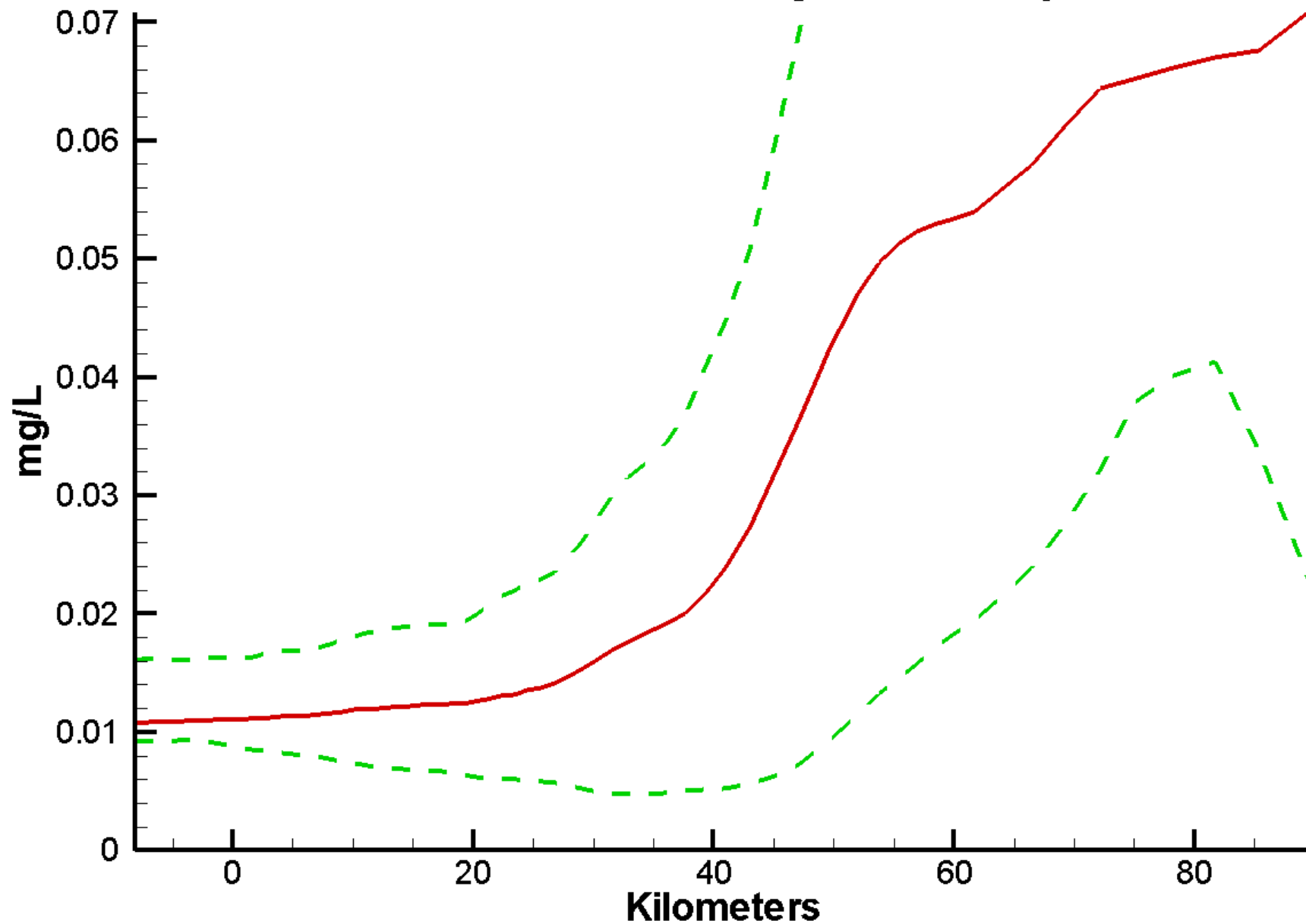
# Patuxent River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Winter 1999



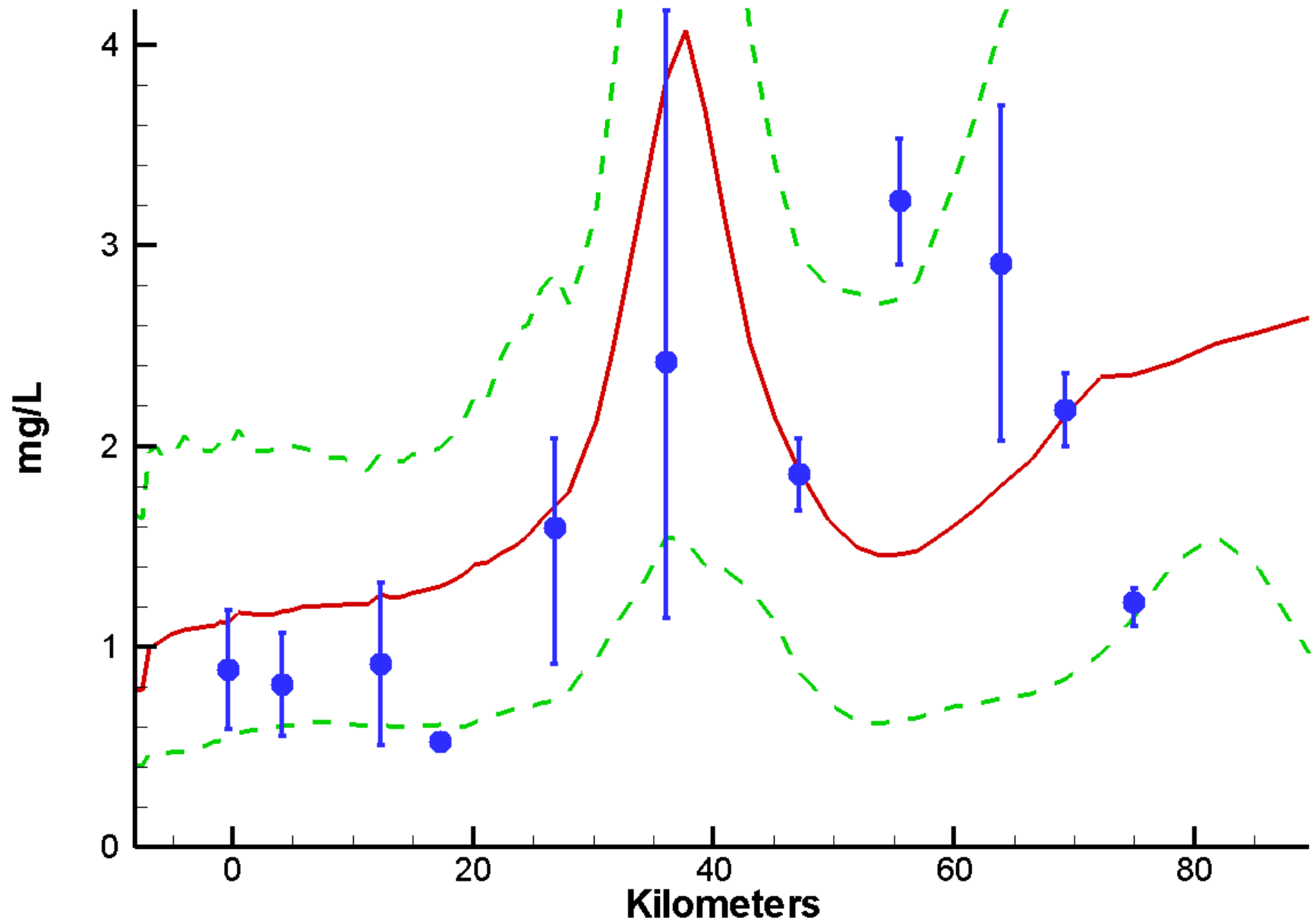
# Patuxent River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Winter 1999



# Patuxent River Ches2015 Run118

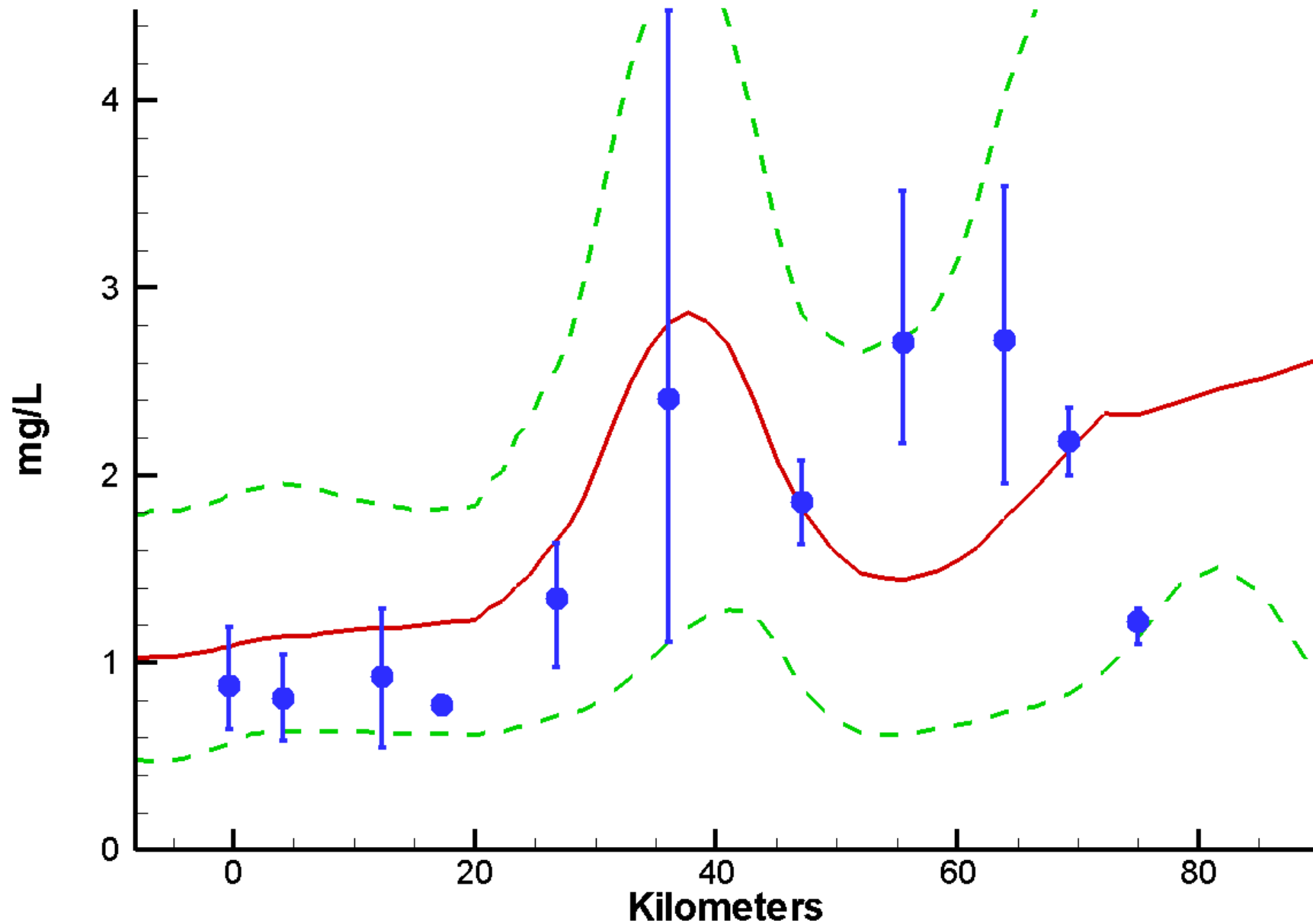
## Bottom Particulate Organic Carbon Winter 1999





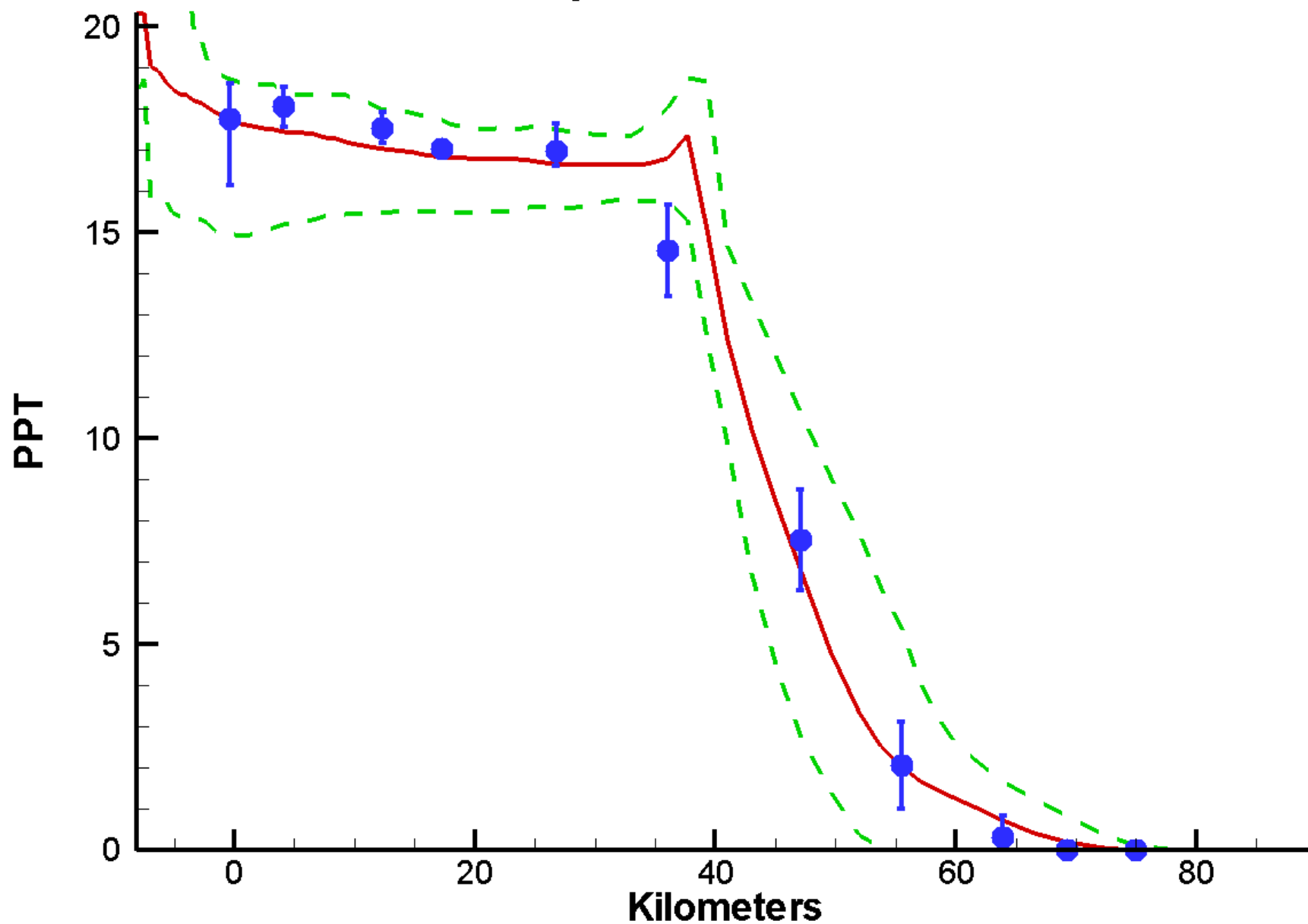
# Patuxent River Ches2015 Run118

## Surface Particulate Organic Carbon Winter 1999



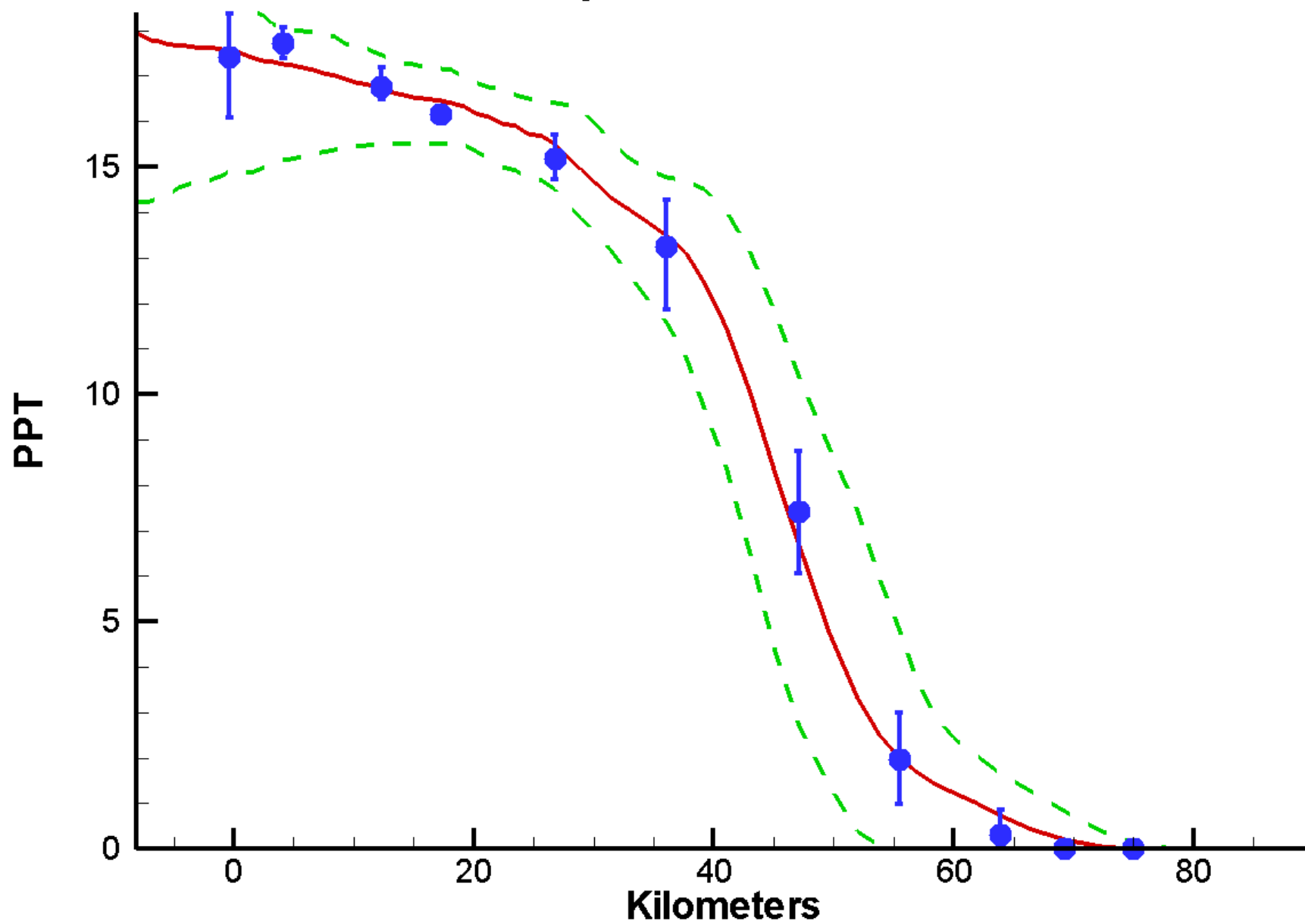
# Patuxent River Ches2015 Run118

## Bottom Salinity Winter 1999



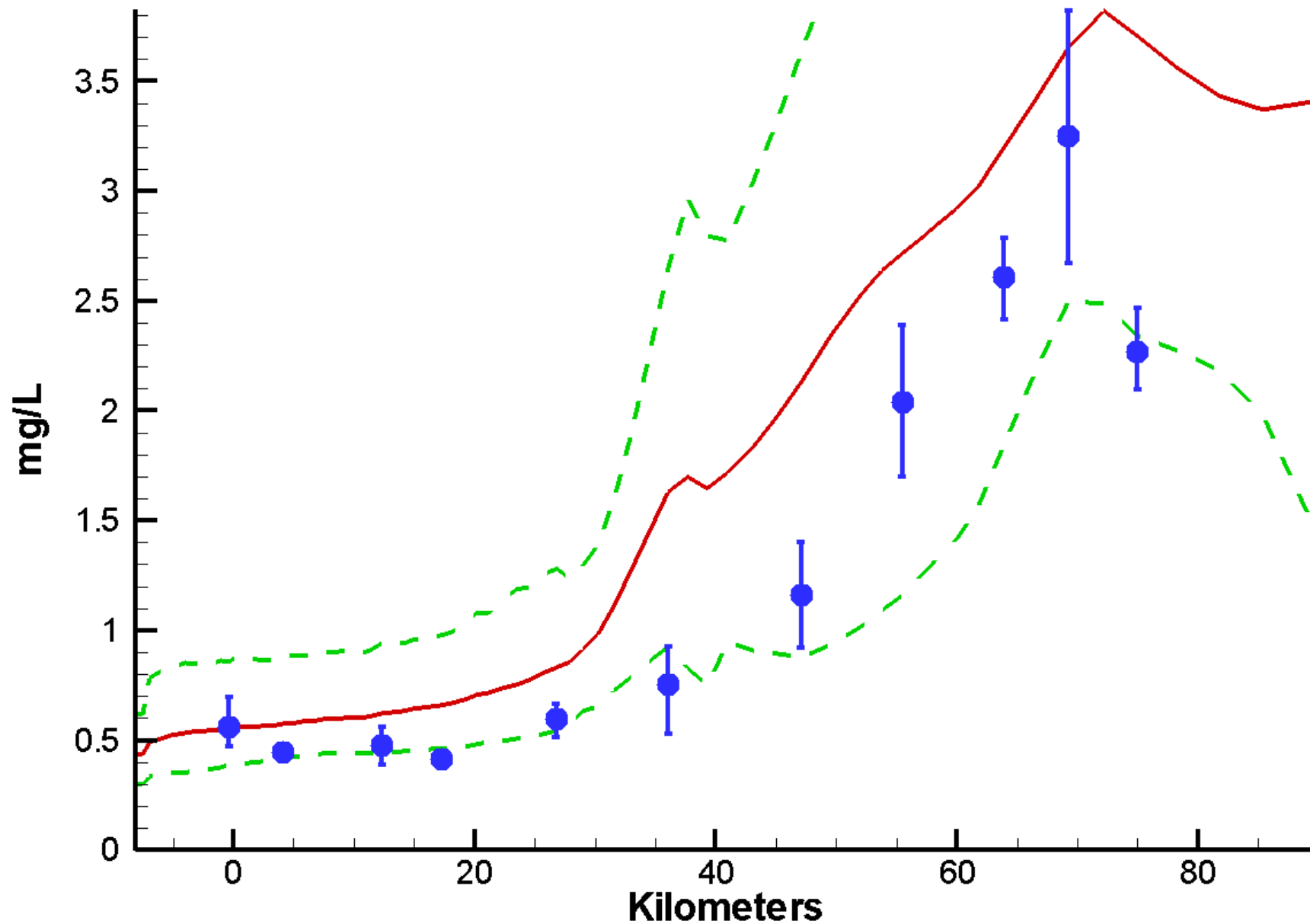
# Patuxent River Ches2015 Run118

## Surface Salinity Winter 1999



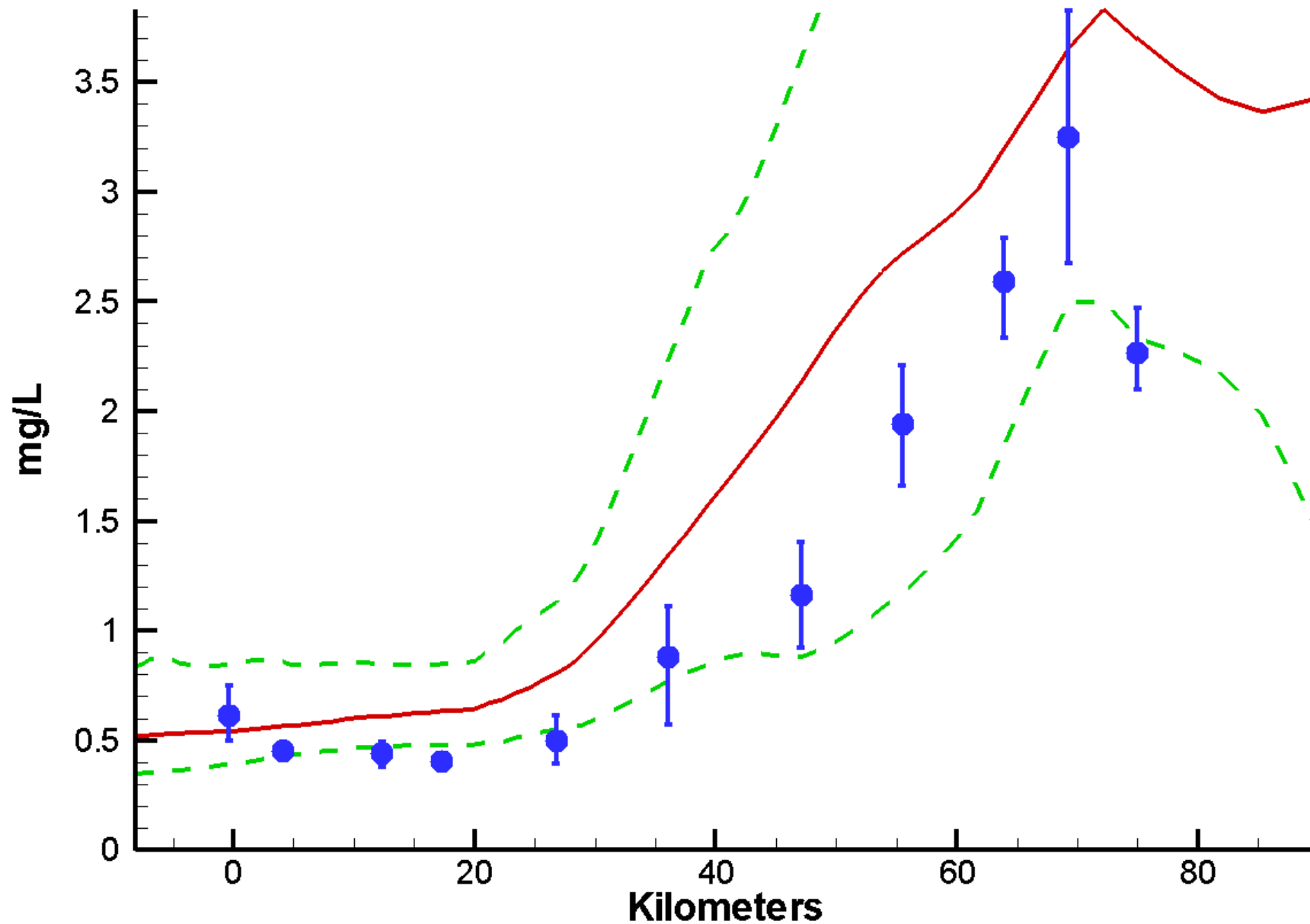
# Patuxent River Ches2015 Run118

## Bottom Total Nitrogen Winter 1999



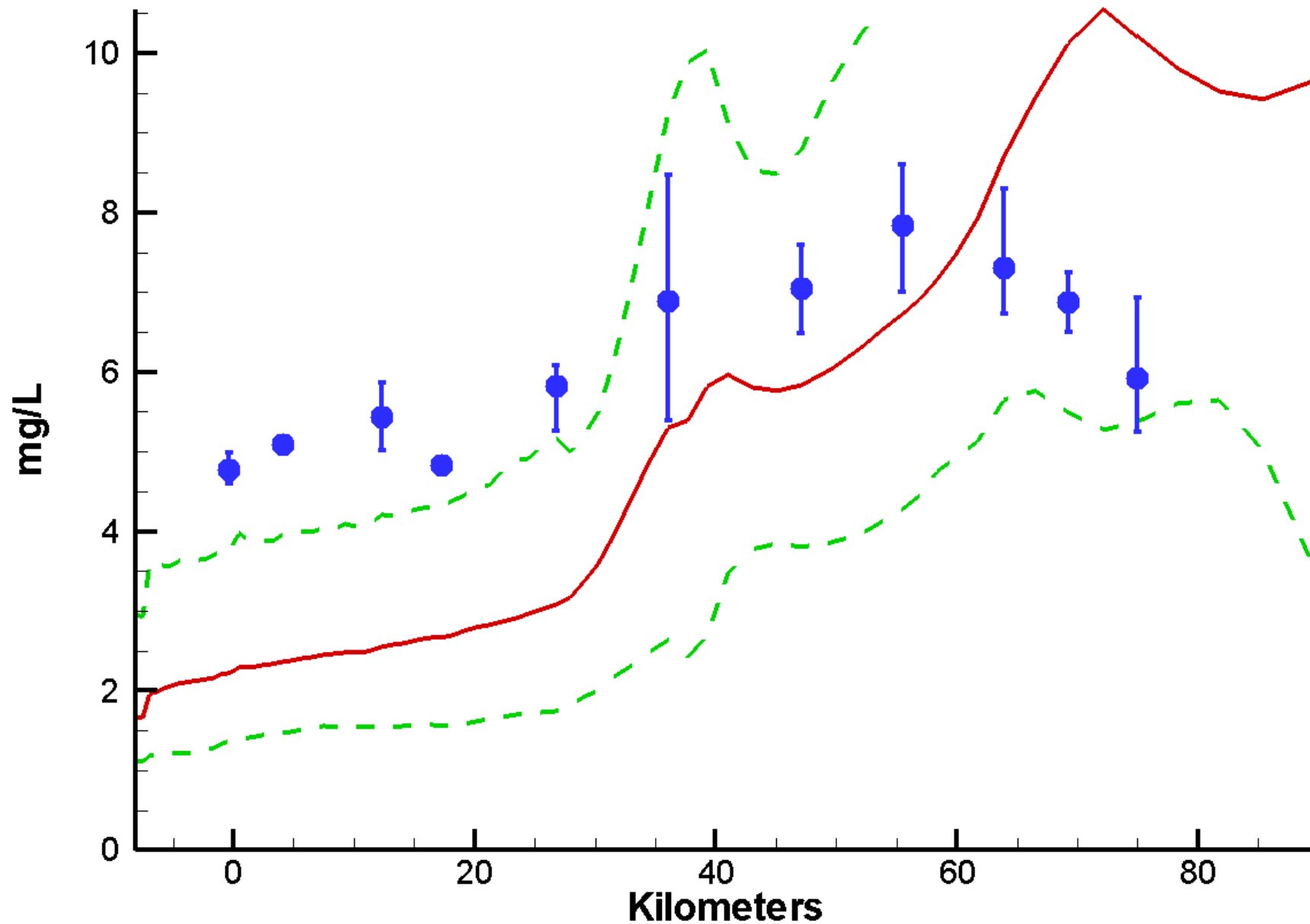
# Patuxent River Ches2015 Run118

## Surface Total Nitrogen Winter 1999



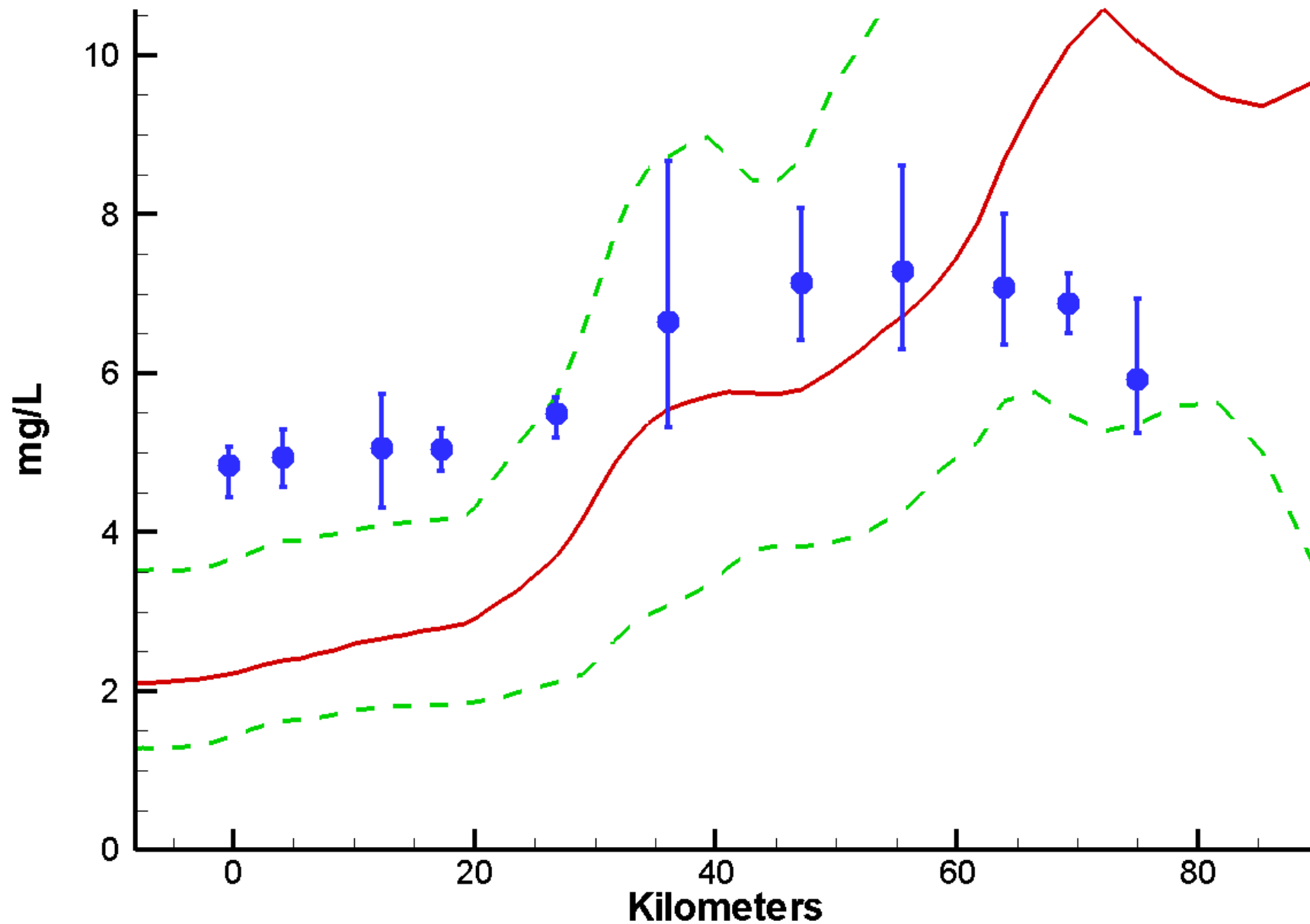
# Patuxent River Ches2015 Run118

## Bottom Total Organic Carbon Winter 1999



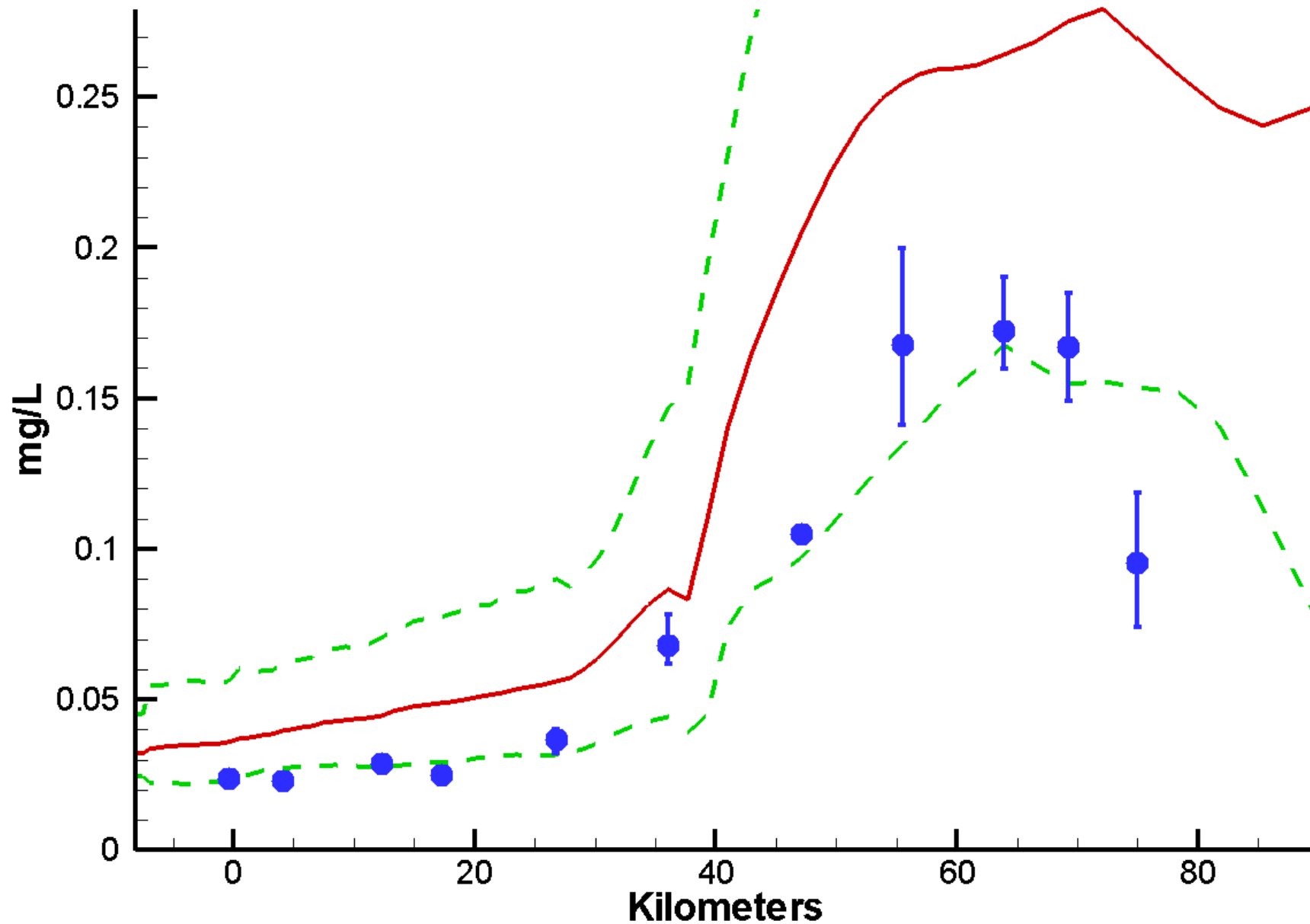
# Patuxent River Ches2015 Run118

## Surface Total Organic Carbon Winter 1999



# Patuxent River Ches2015 Run118

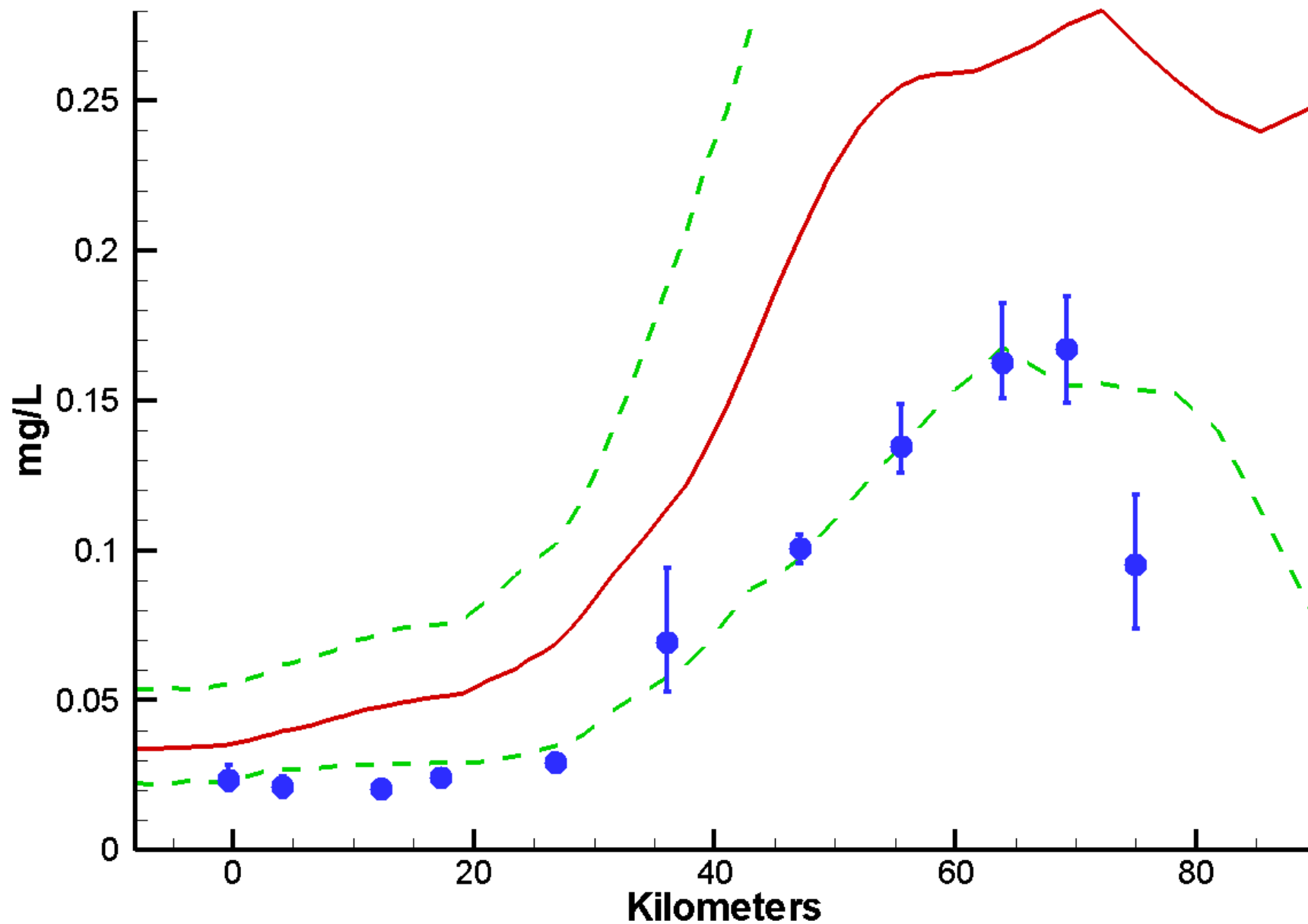
## Bottom Total Phosphorus Winter 1999





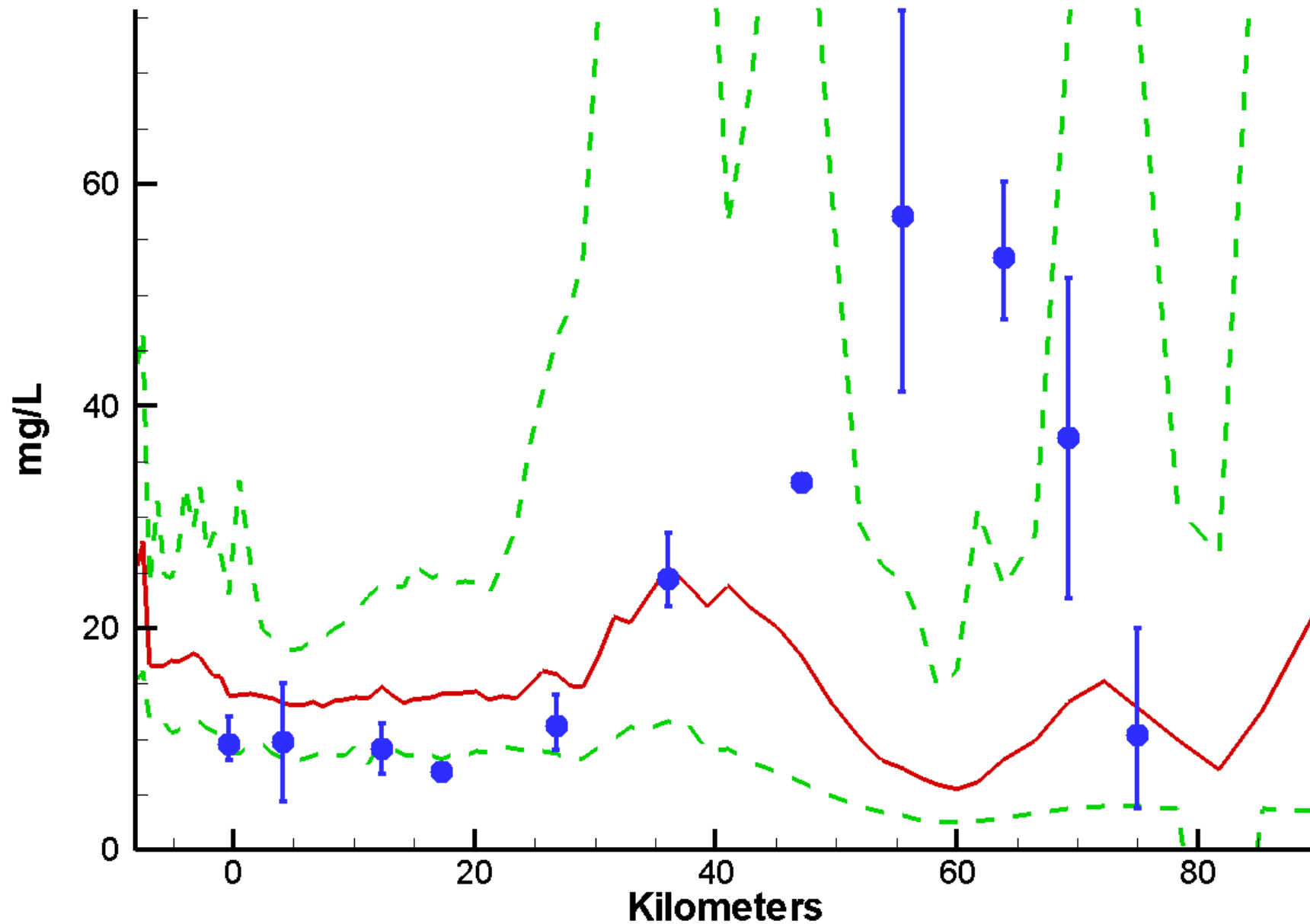
# Patuxent River Ches2015 Run118

## Surface Total Phosphorus Winter 1999



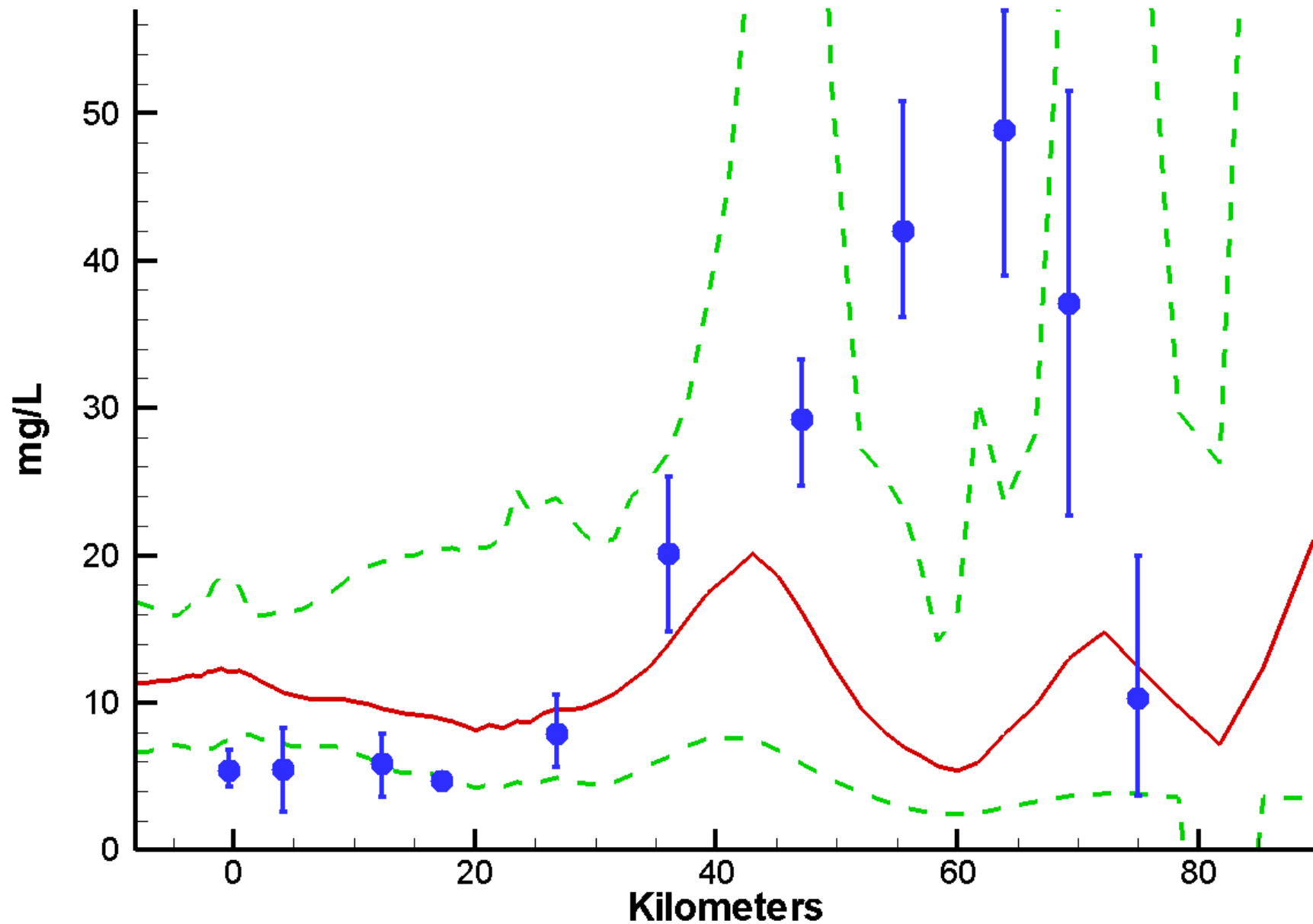
# Patuxent River Ches2015 Run118

## Bottom Total Suspended Solids Winter 1999



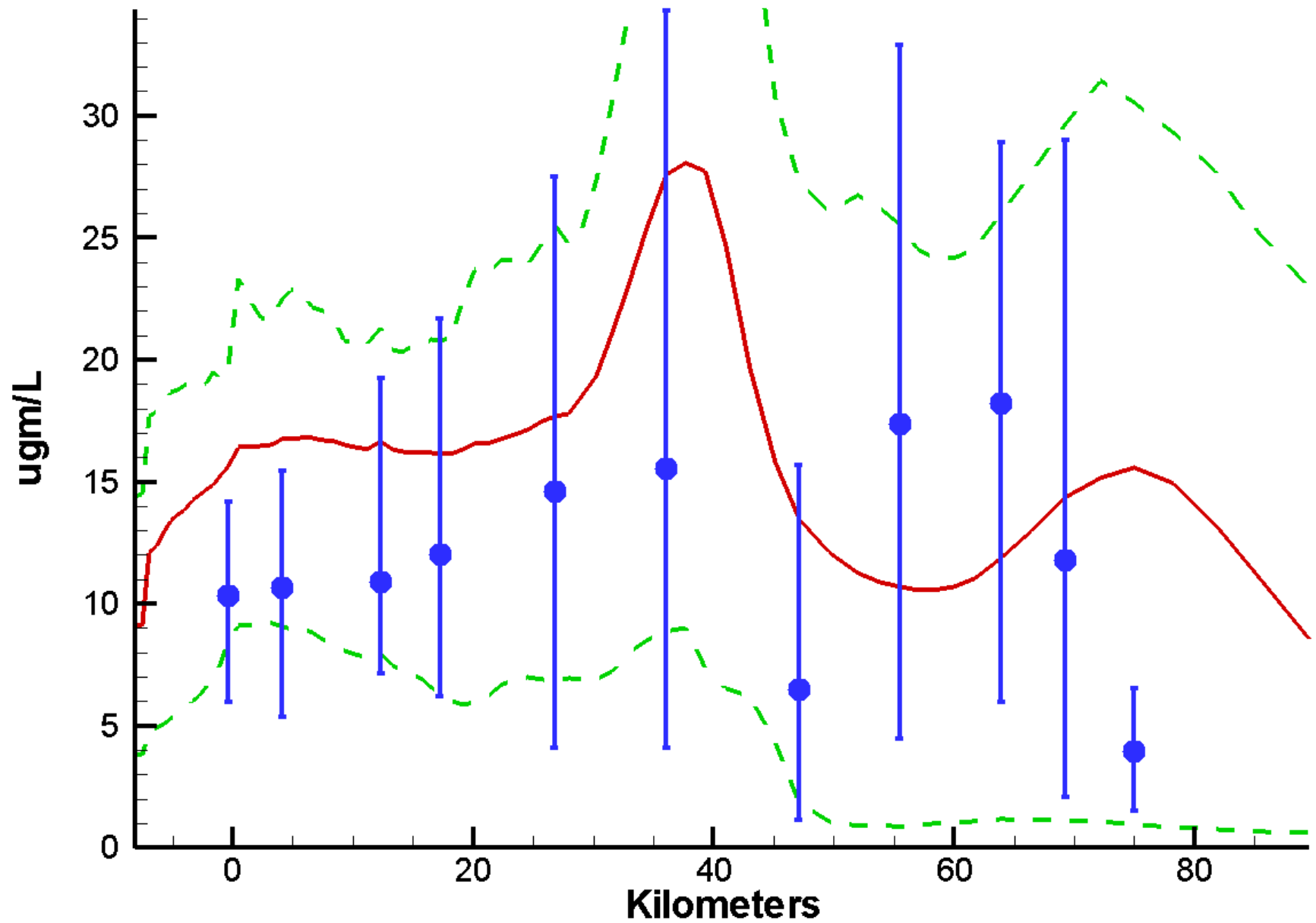
# Patuxent River Ches2015 Run118

## Surface Total Suspended Solids Winter 1999



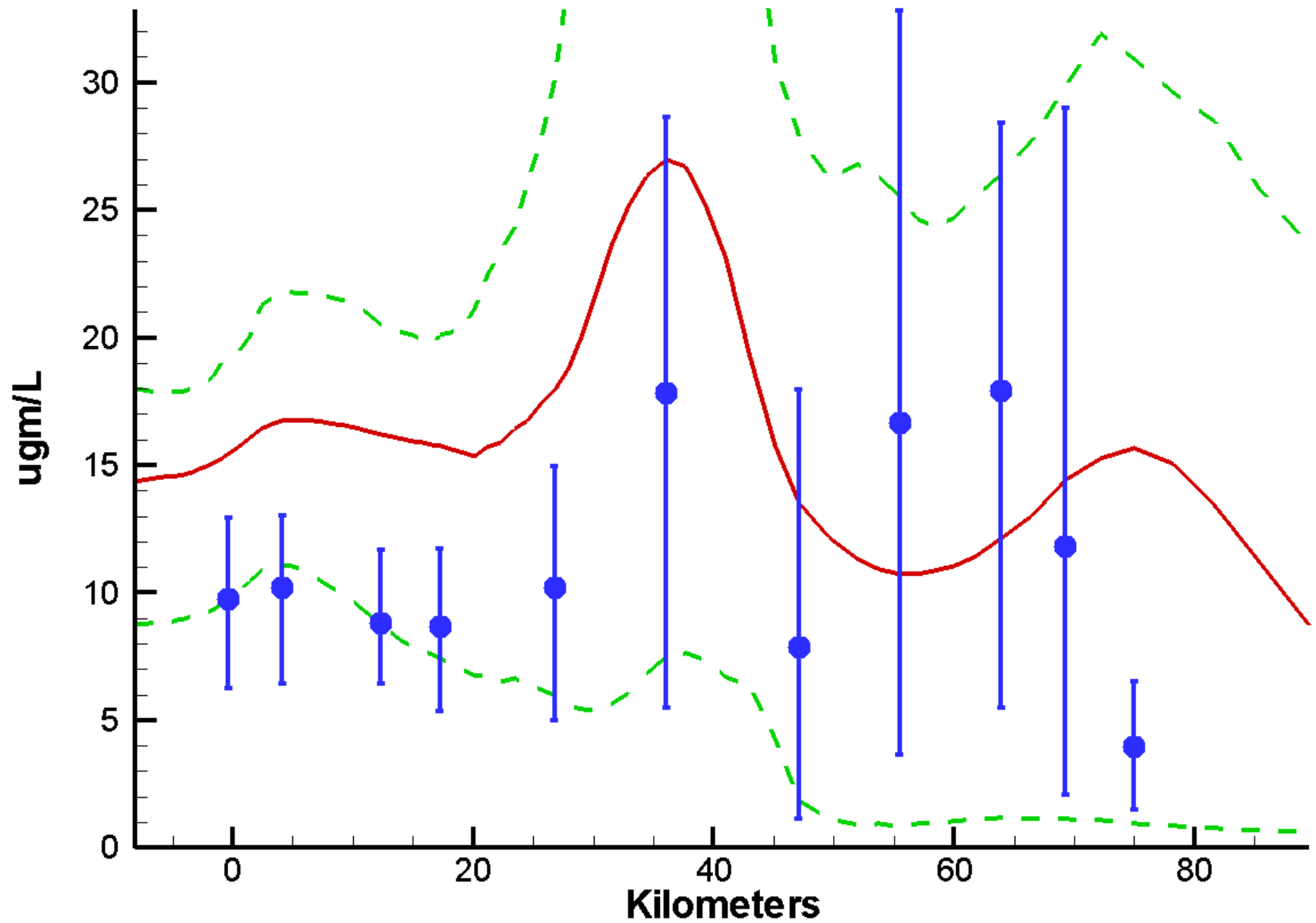
# Patuxent River Ches2015 Run118

## Bottom Chlorophyll Spring 1999



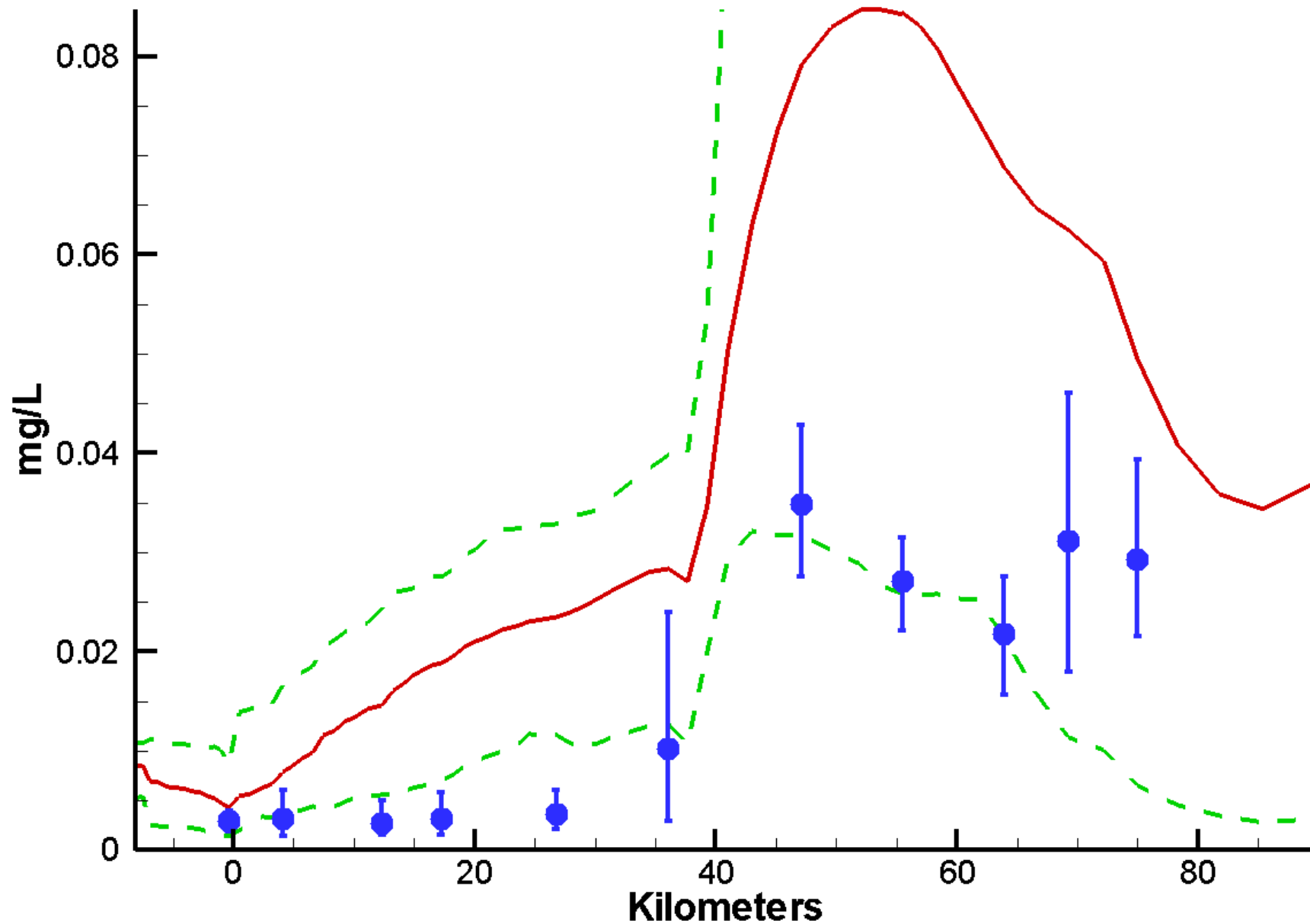
# Patuxent River Ches2015 Run118

## Surface Chlorophyll Spring 1999



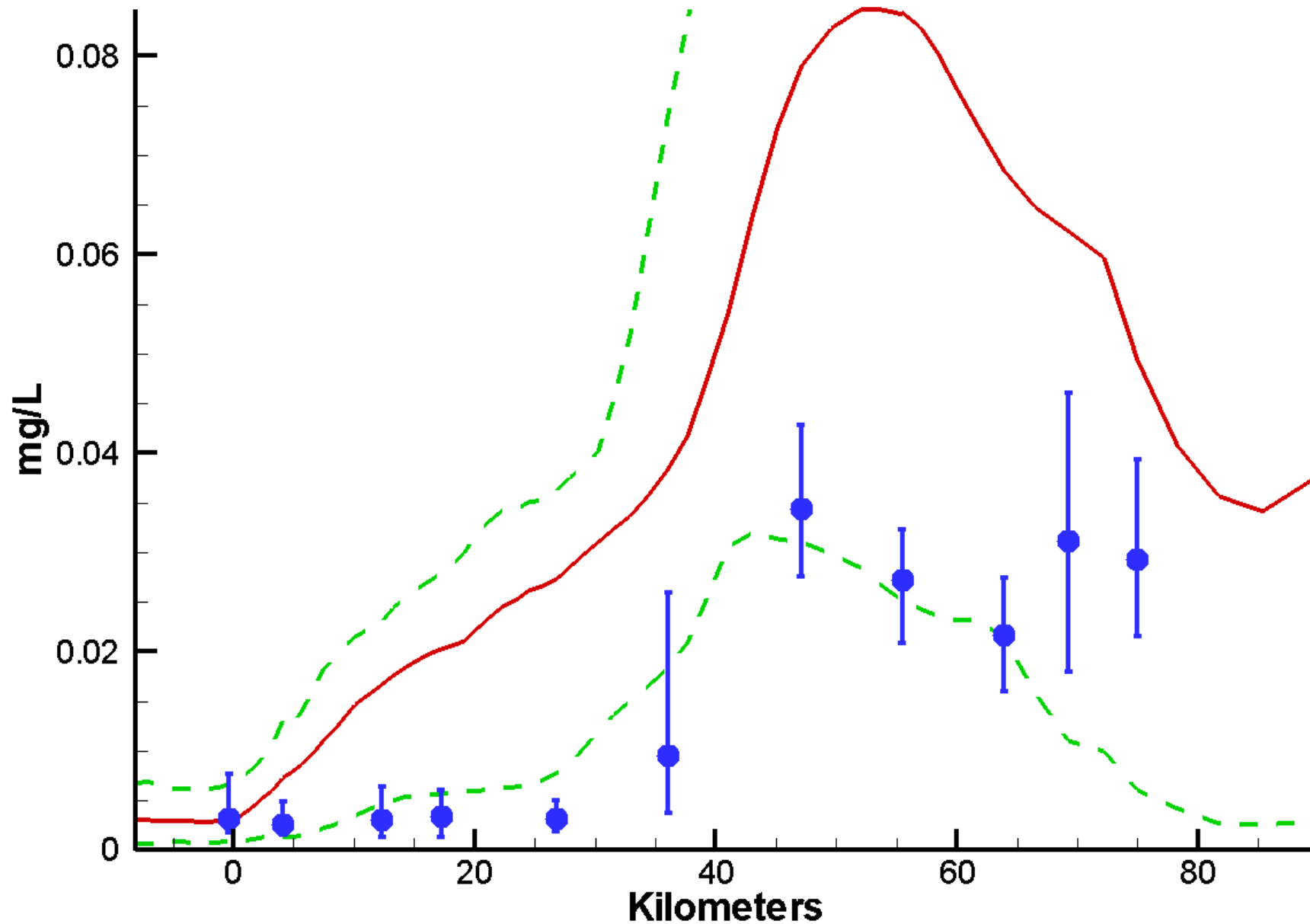
# Patuxent River Ches2015 Run118

## Bottom Dissolved Phosphate Spring 1999



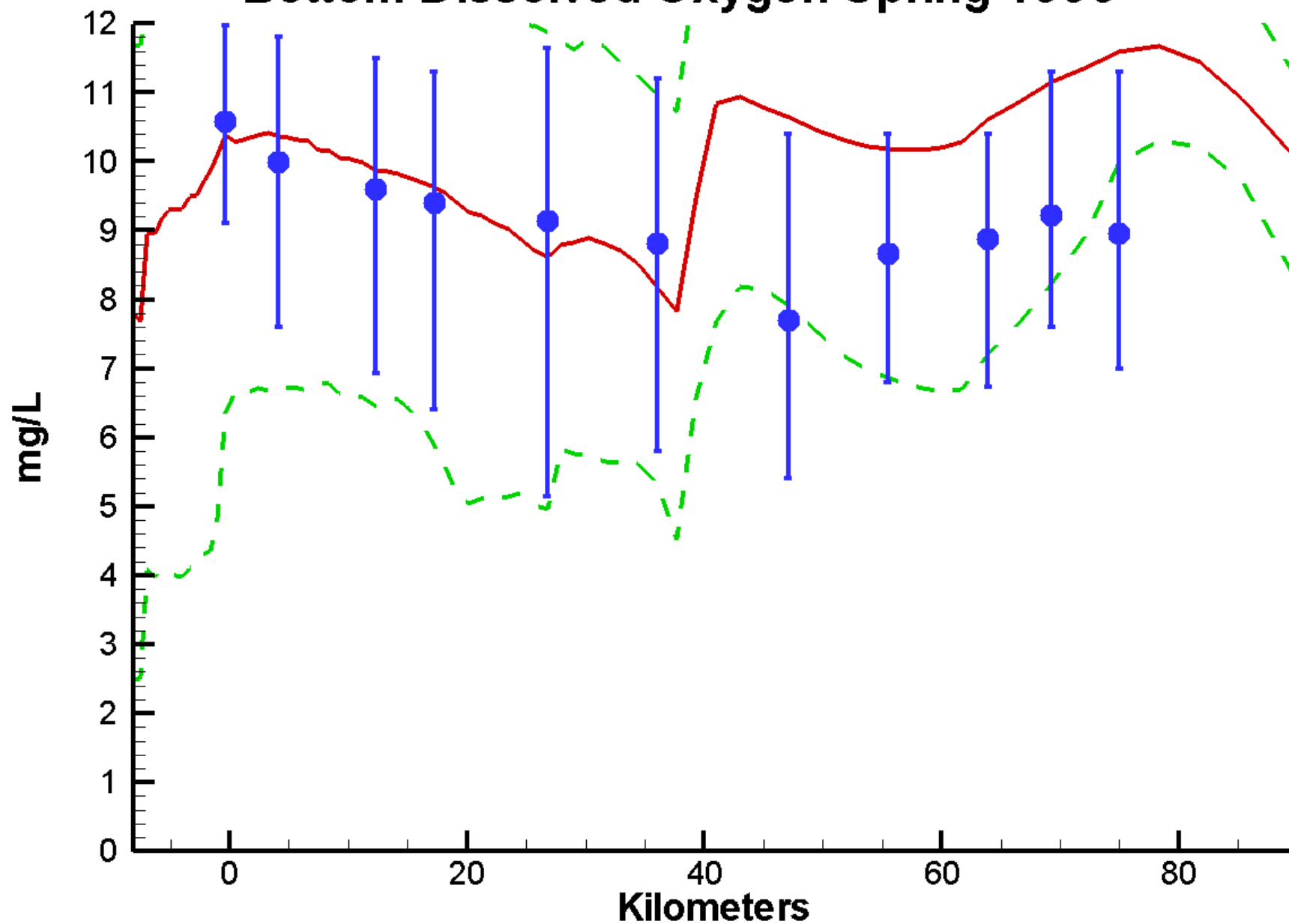
# Patuxent River Ches2015 Run118

## Surface Dissolved Phosphate Spring 1999



# Patuxent River Ches2015 Run118

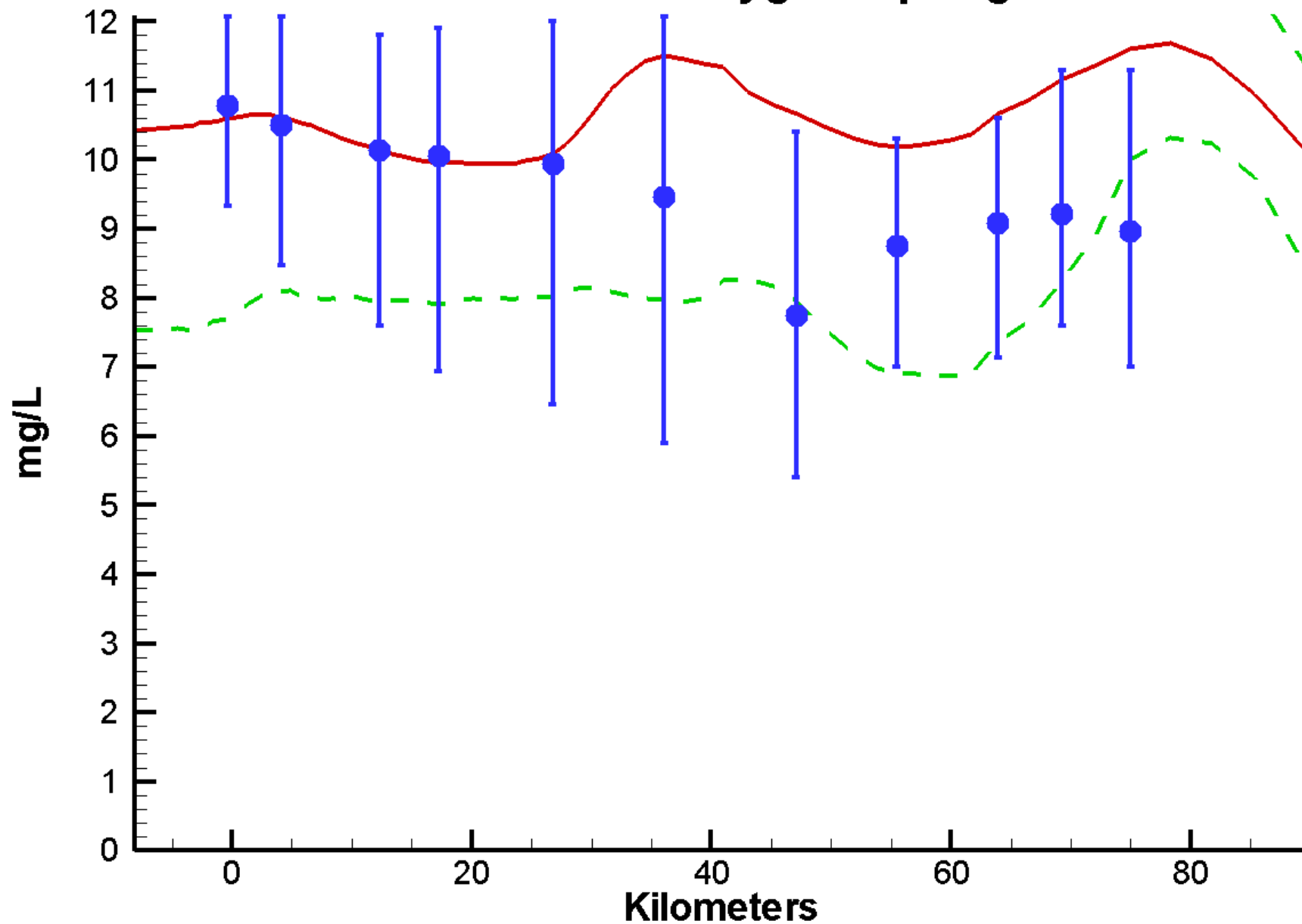
## Bottom Dissolved Oxygen Spring 1999



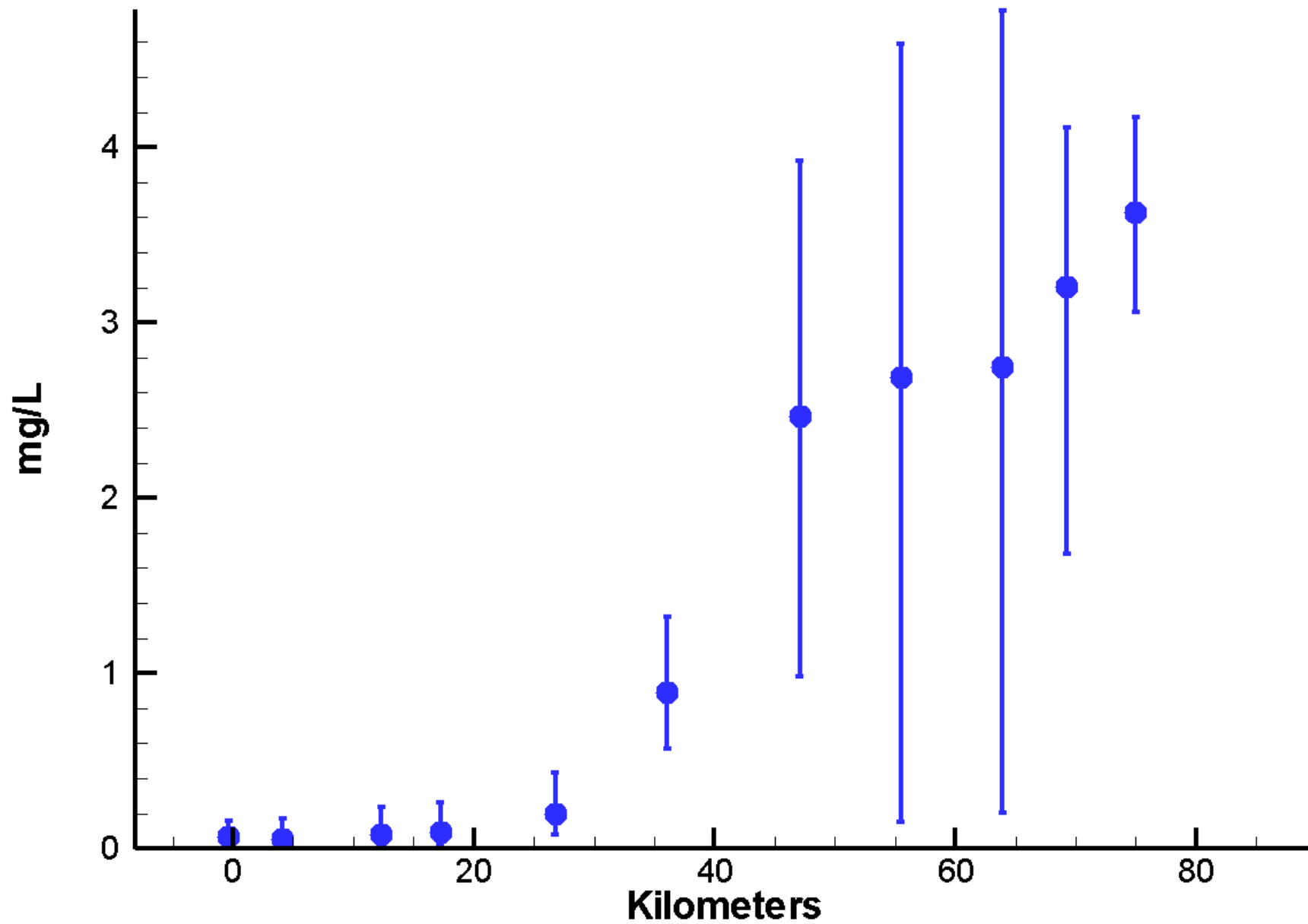


# Patuxent River Ches2015 Run118

## Surface Dissolved Oxygen Spring 1999

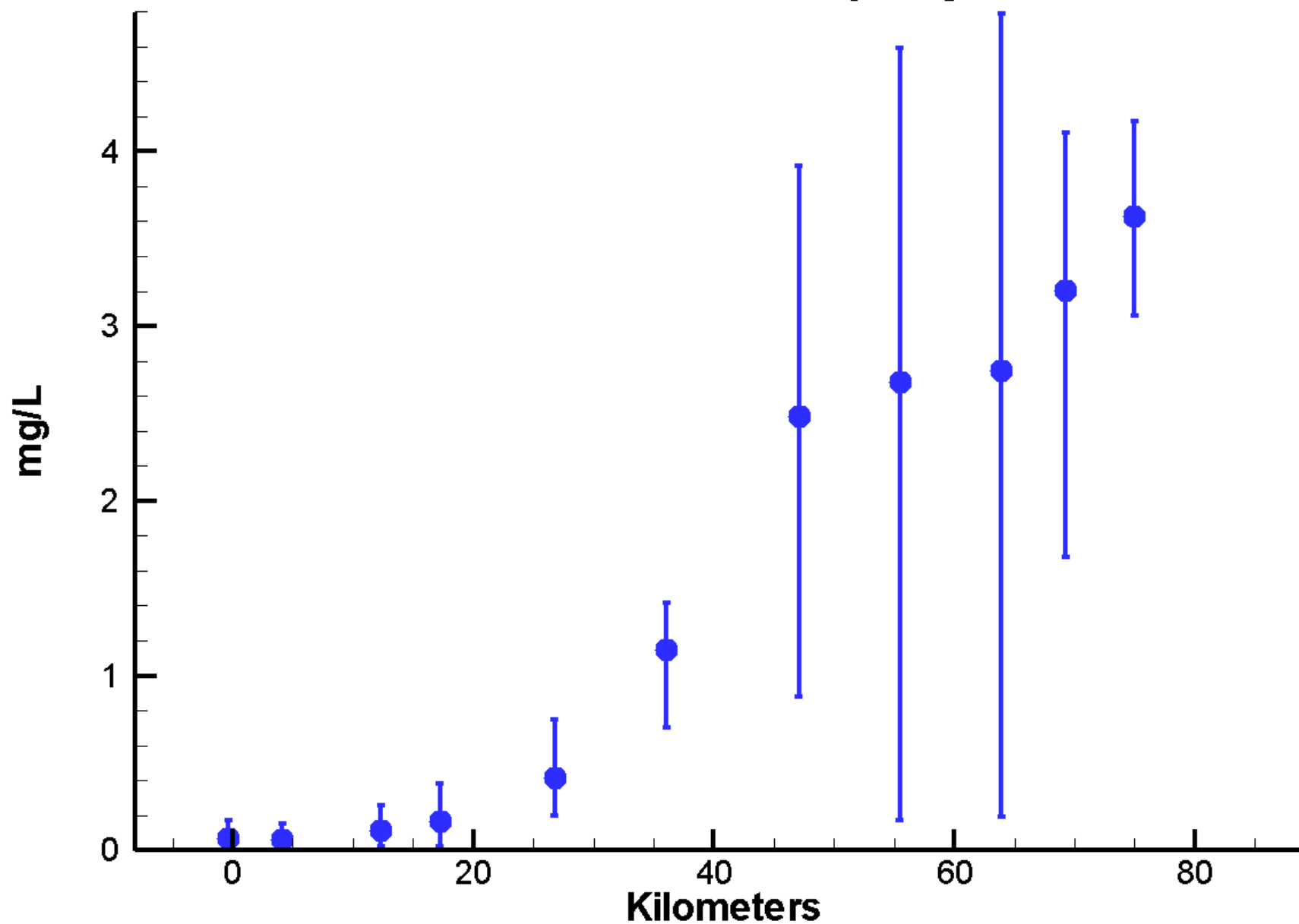


# Patuxent River Ches2015 Run118 Bottom Dissolved Silica Spring 1999



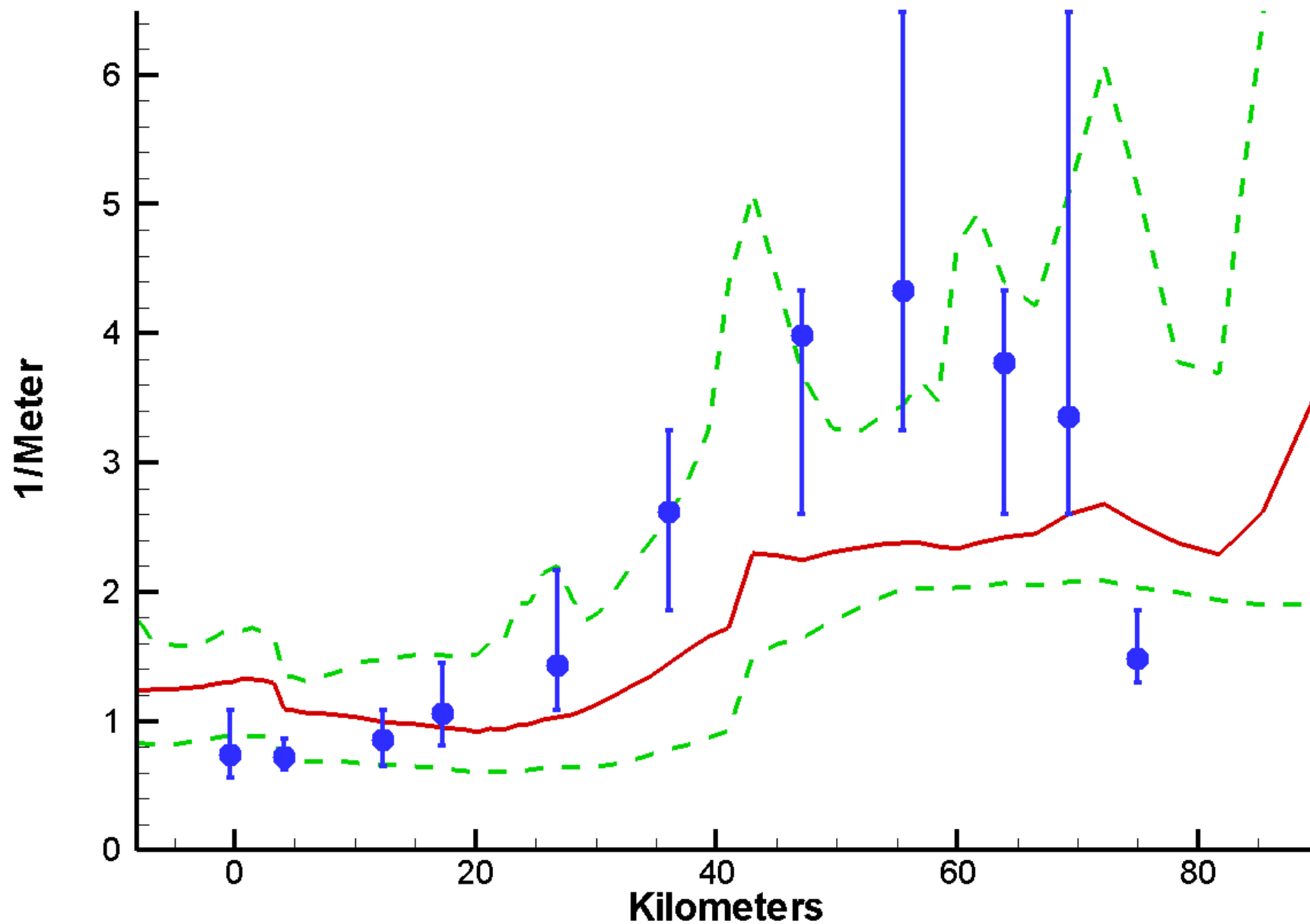
# Patuxent River Ches2015 Run118

## Surface Dissolved Silica Spring 1999



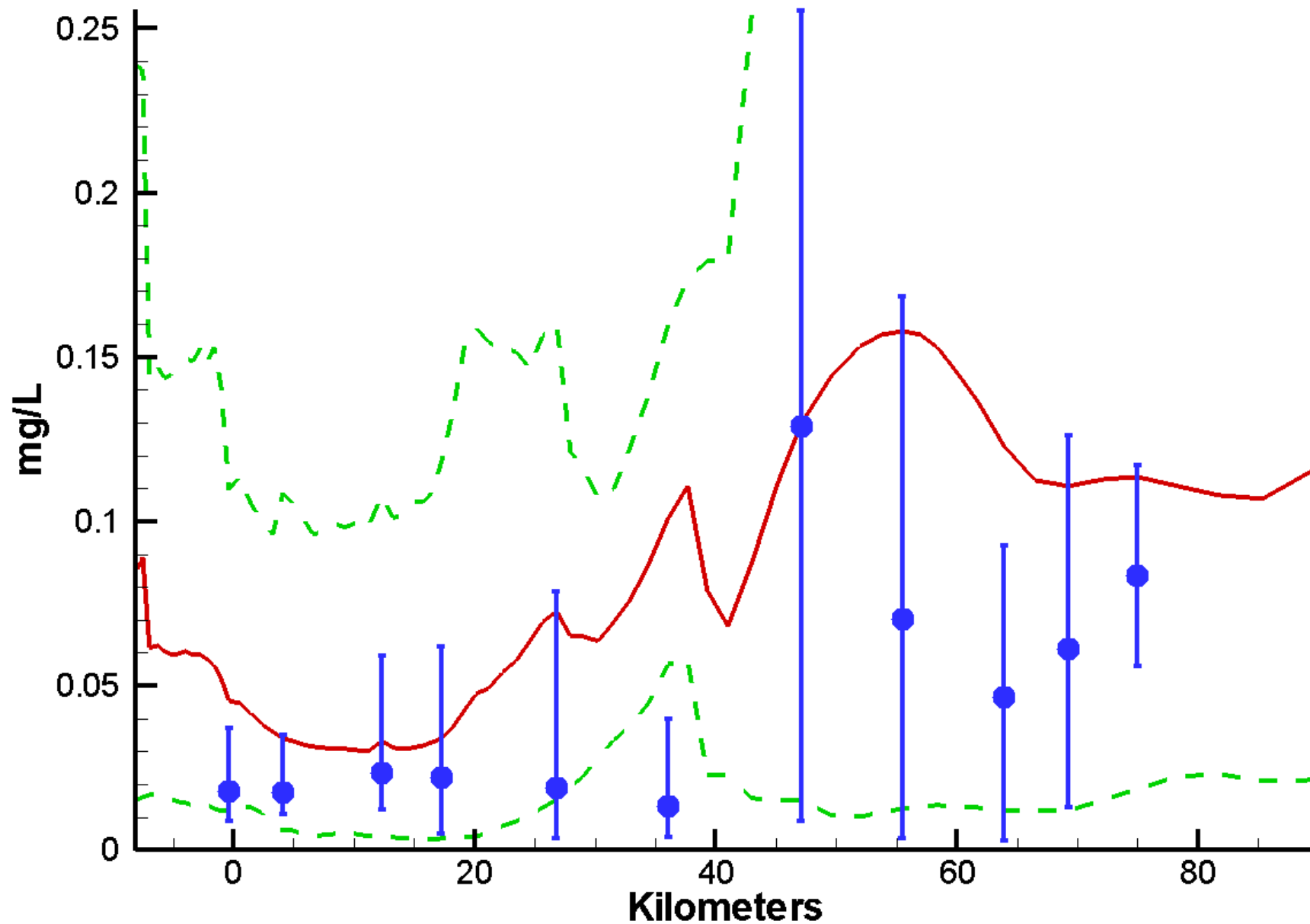
# Patuxent River Ches2015 Run118

## Surface Light Extinction Spring 1999

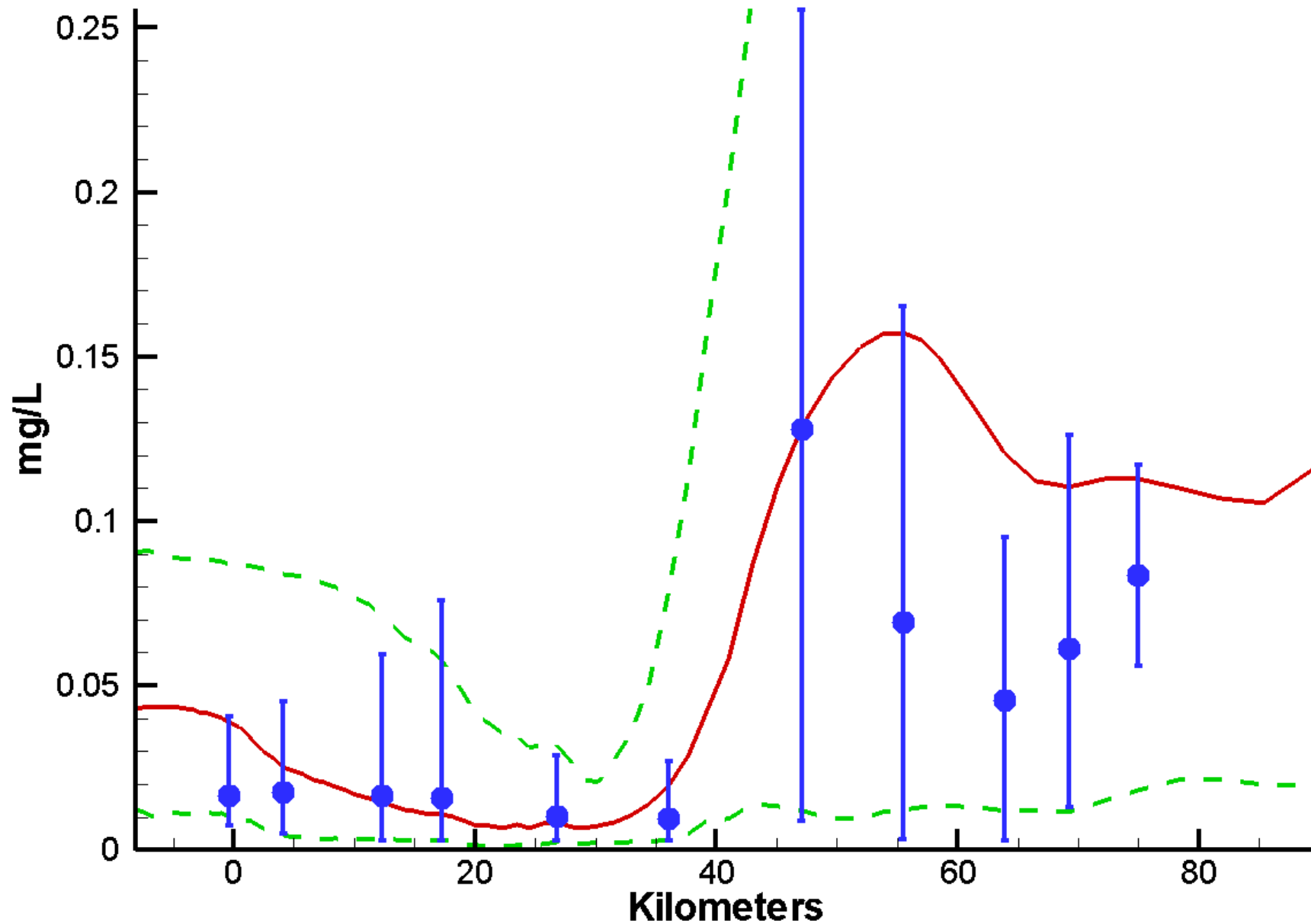


# Patuxent River Ches2015 Run118

## Bottom Ammonium Spring 1999

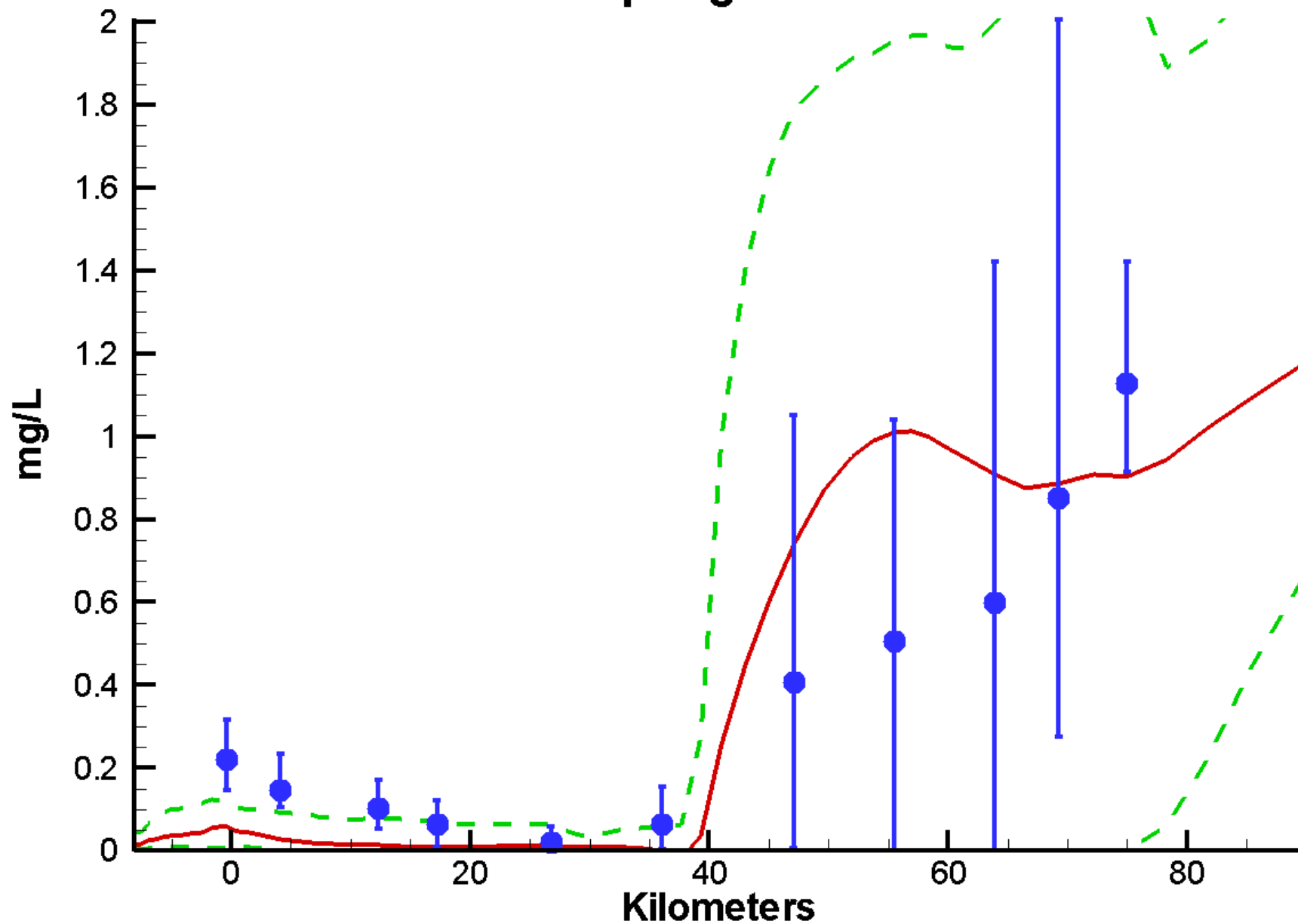


# Patuxent River Ches2015 Run118 Surface Ammonium Spring 1999



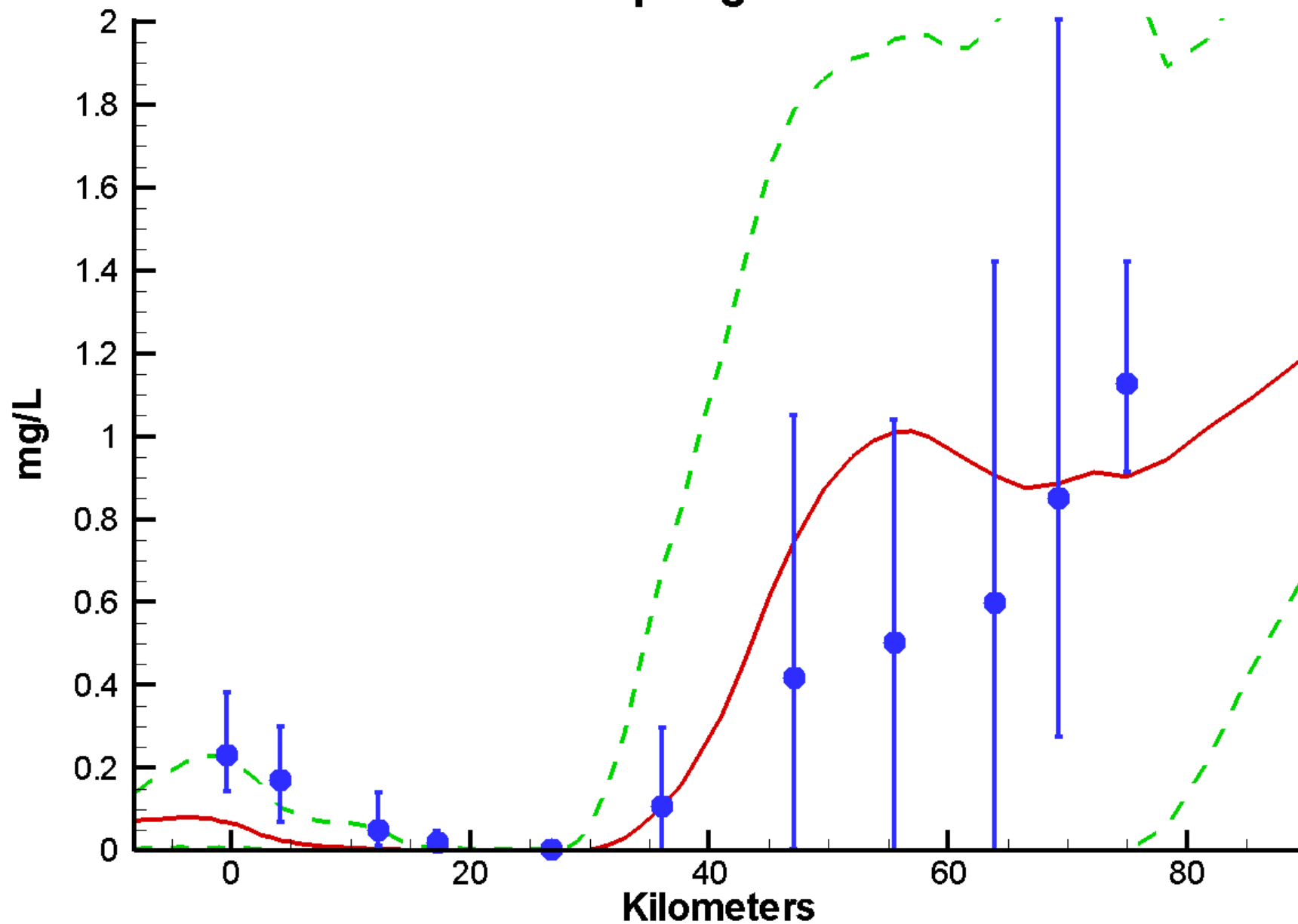
# Patuxent River Ches2015 Run118

## Bottom Nitrate Spring 1999



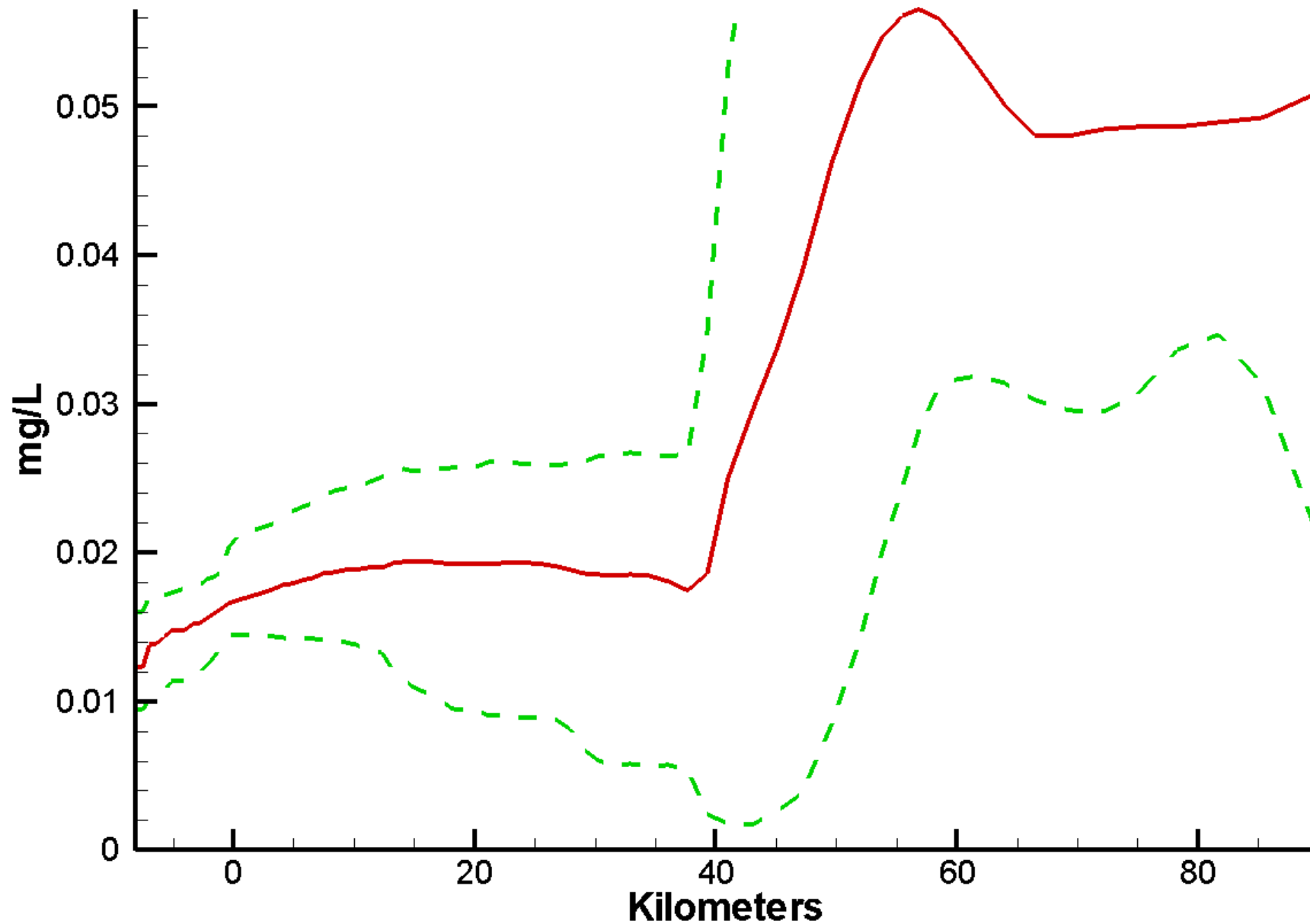
# Patuxent River Ches2015 Run118

## Surface Nitrate Spring 1999

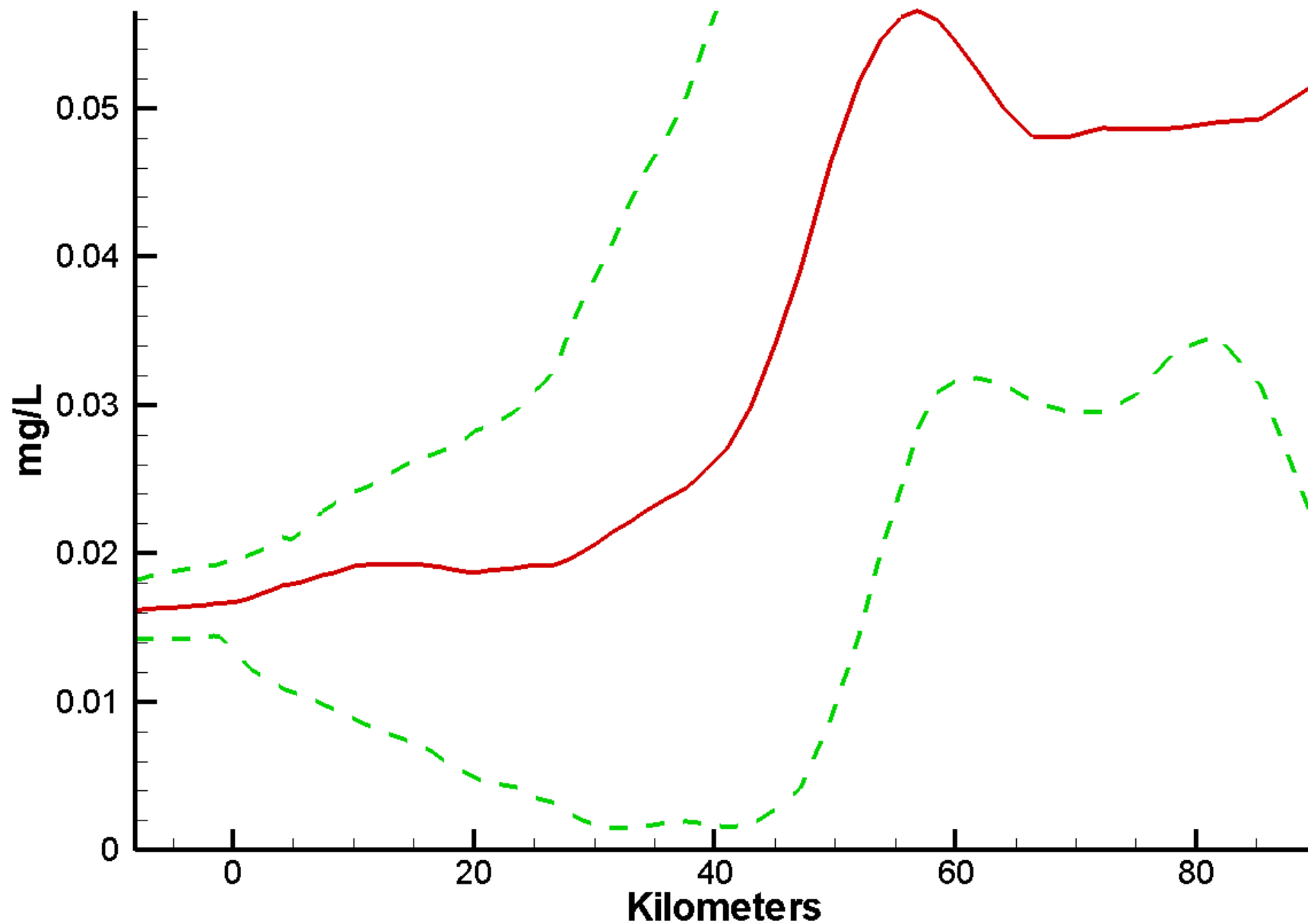




**Patuxent River Ches2015 Run118**  
**Bottom Particulate Inorganic Phosphorus Spring 1999**

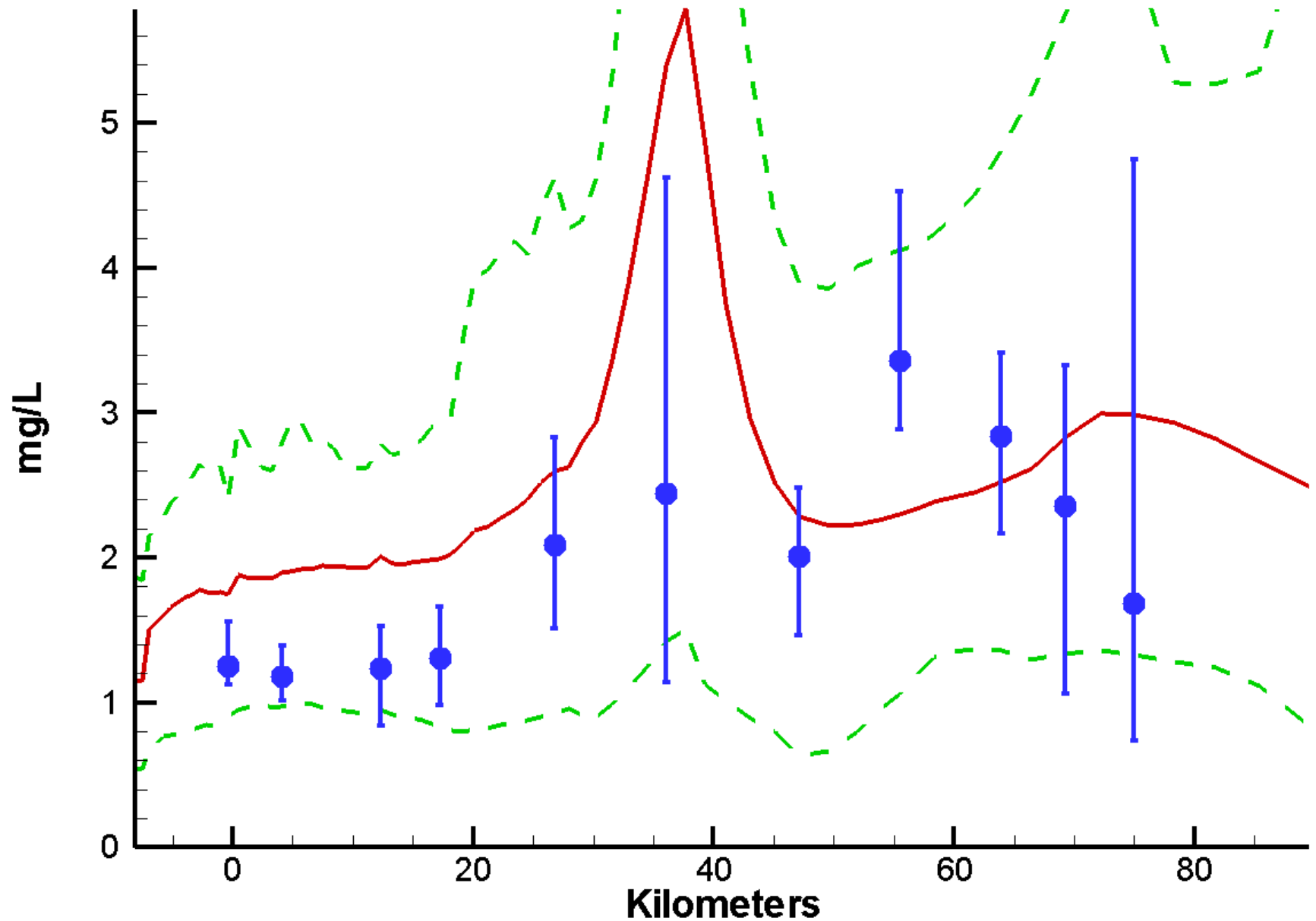


**Patuxent River Ches2015 Run118**  
**Surface Particulate Inorganic Phosphorus Spring 1999**



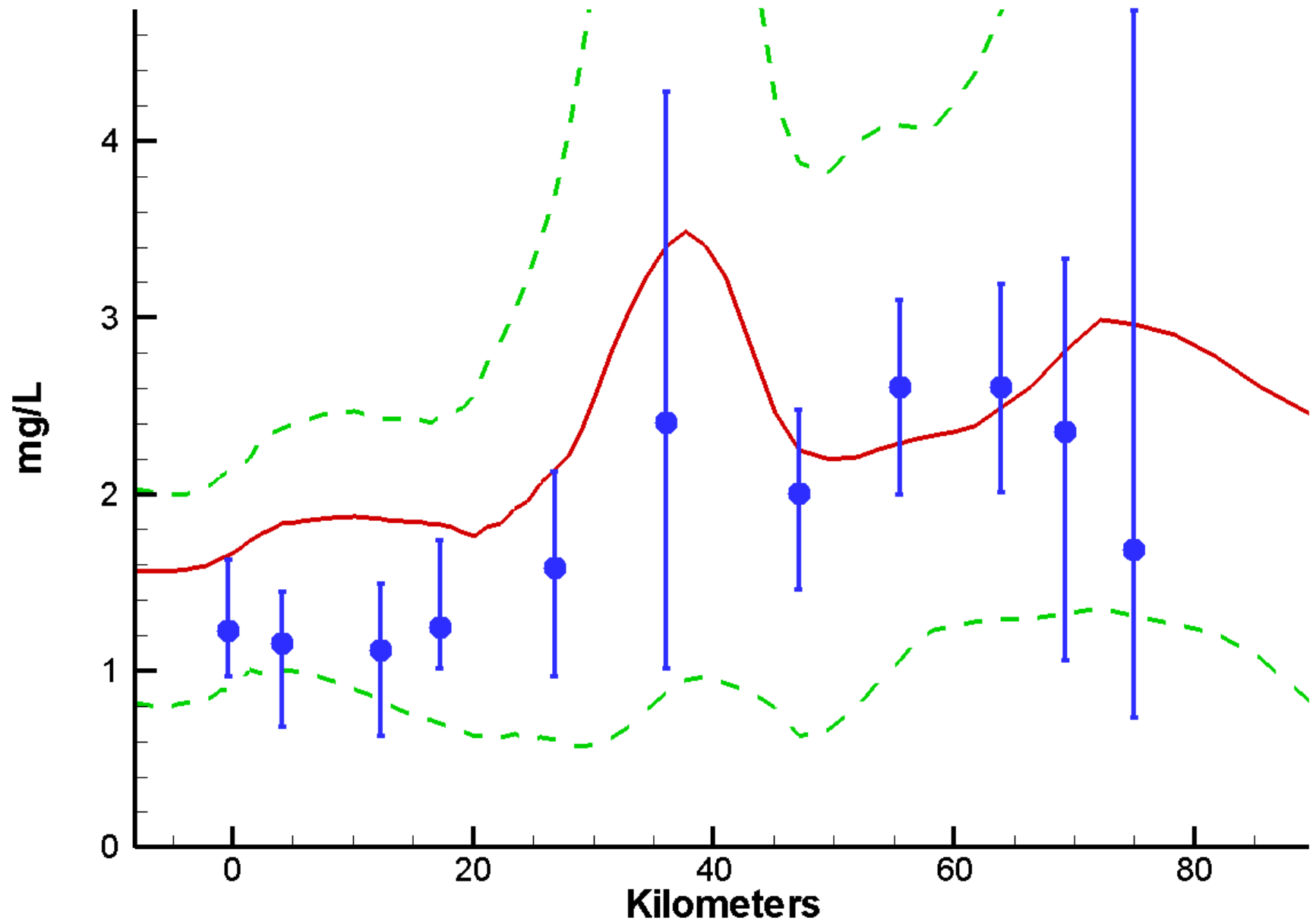
# Patuxent River Ches2015 Run118

## Bottom Particulate Organic Carbon Spring 1999



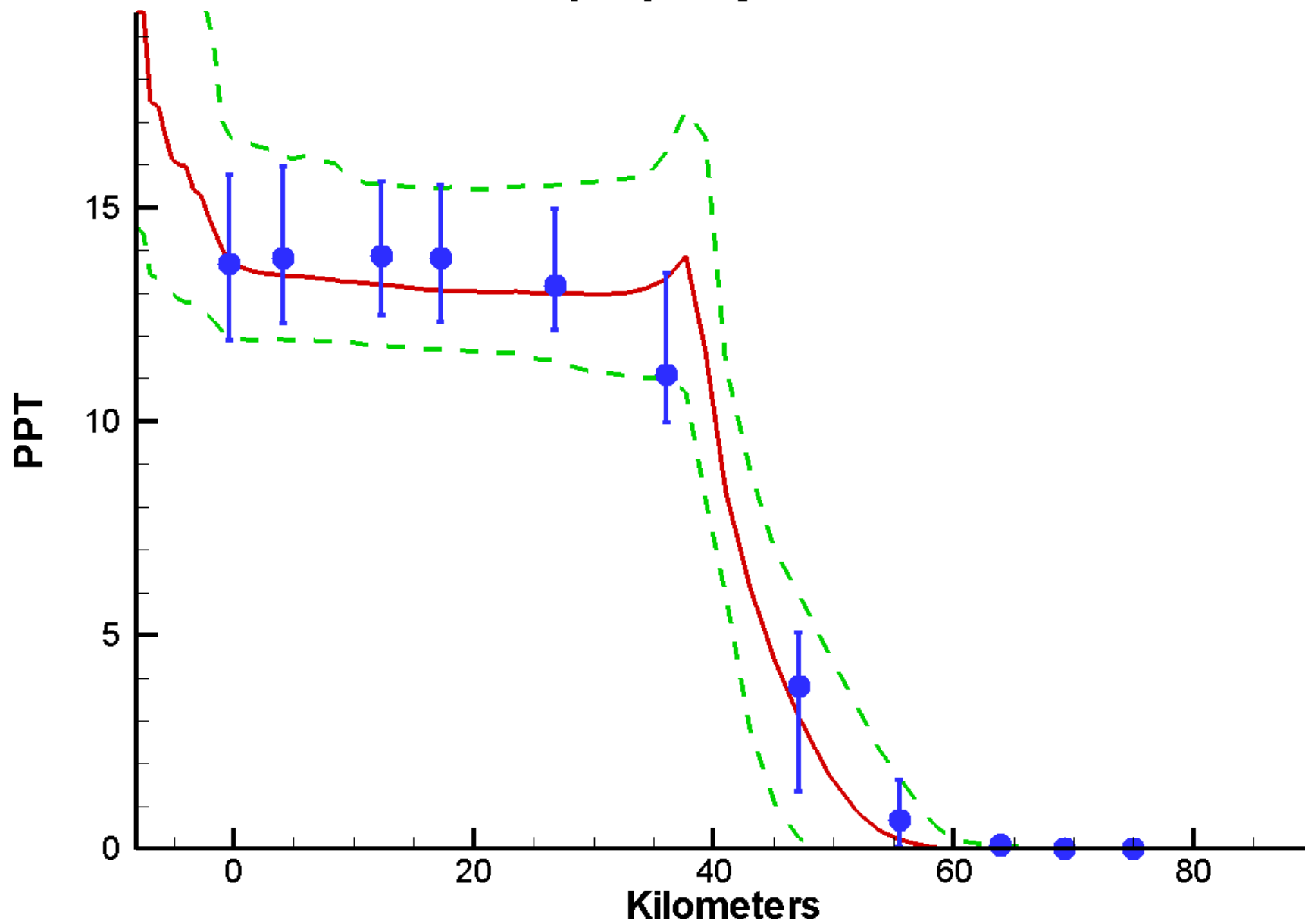
# Patuxent River Ches2015 Run118

## Surface Particulate Organic Carbon Spring 1999



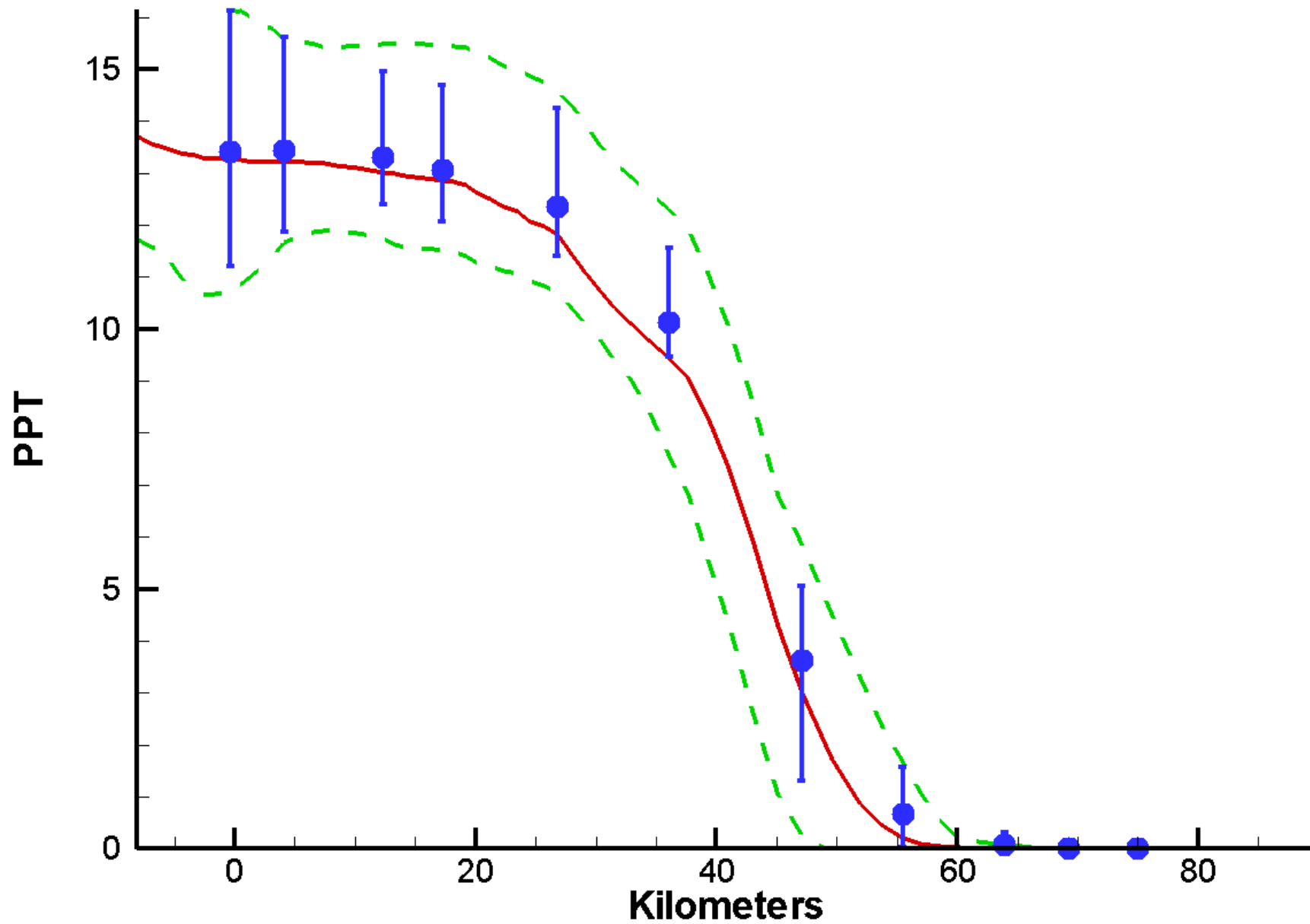
# Patuxent River Ches2015 Run118

## Bottom Salinity Spring 1999



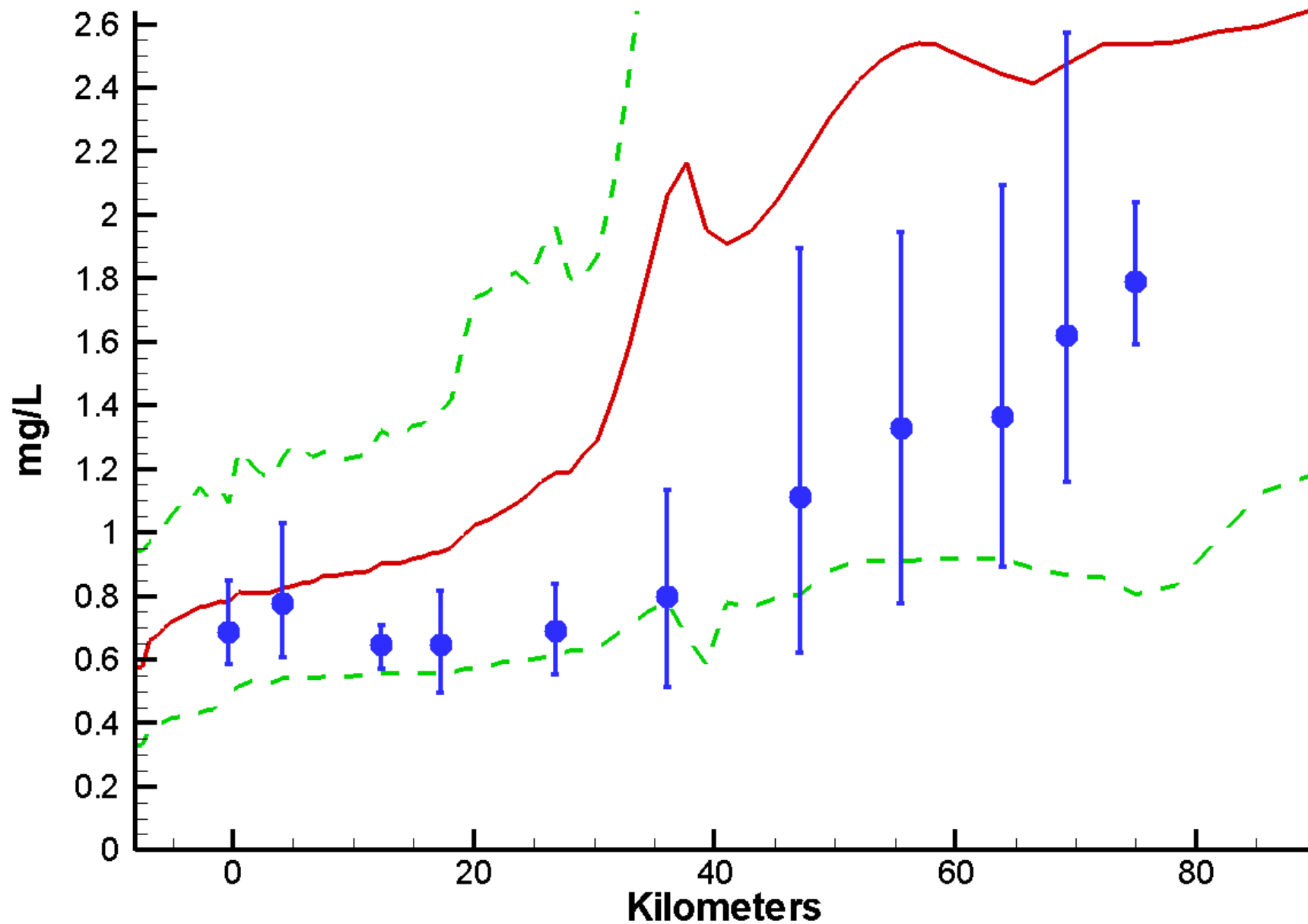
# Patuxent River Ches2015 Run118

## Surface Salinity Spring 1999



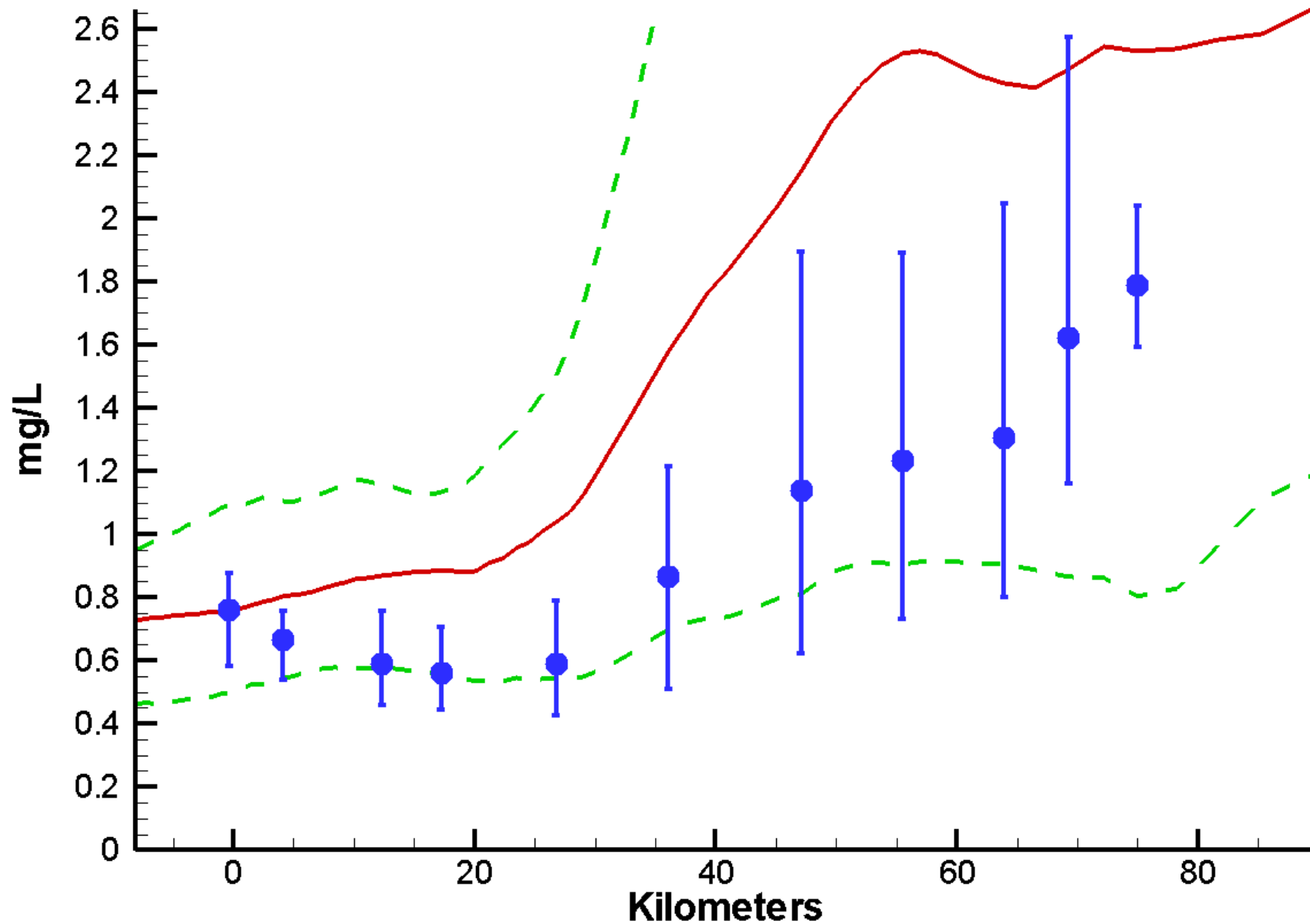
# Patuxent River Ches2015 Run118

## Bottom Total Nitrogen Spring 1999



# Patuxent River Ches2015 Run118

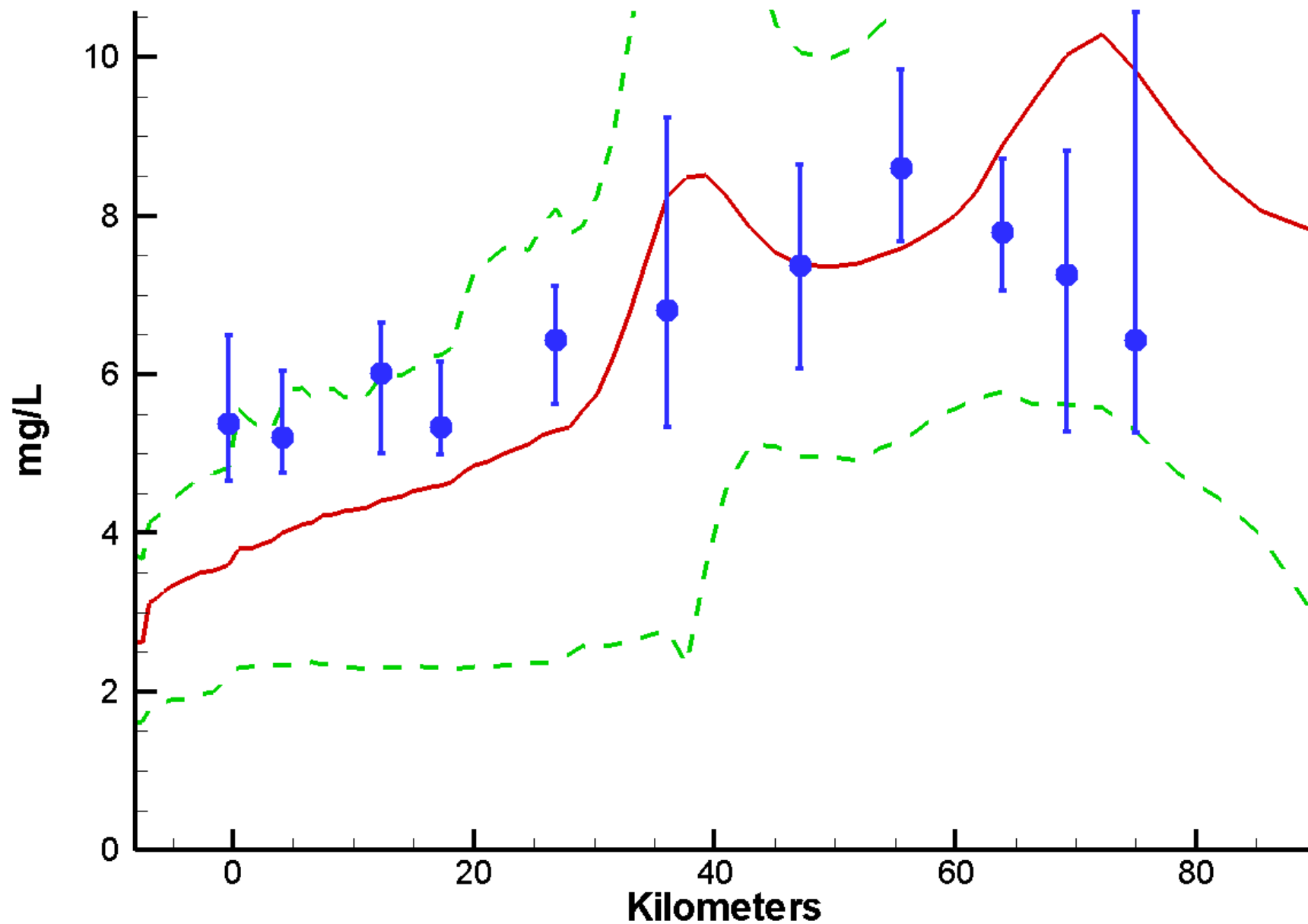
## Surface Total Nitrogen Spring 1999





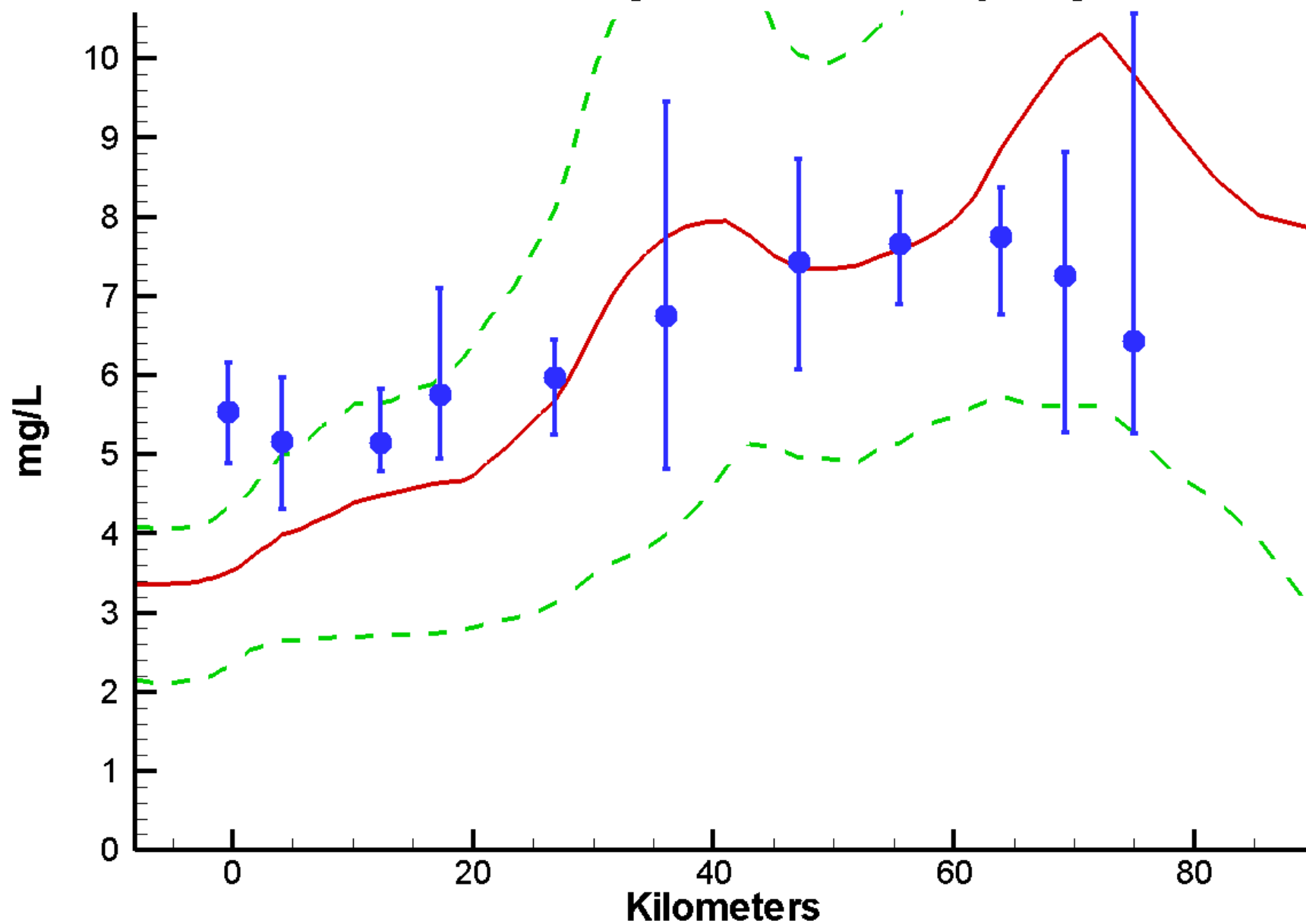
# Patuxent River Ches2015 Run118

## Bottom Total Organic Carbon Spring 1999



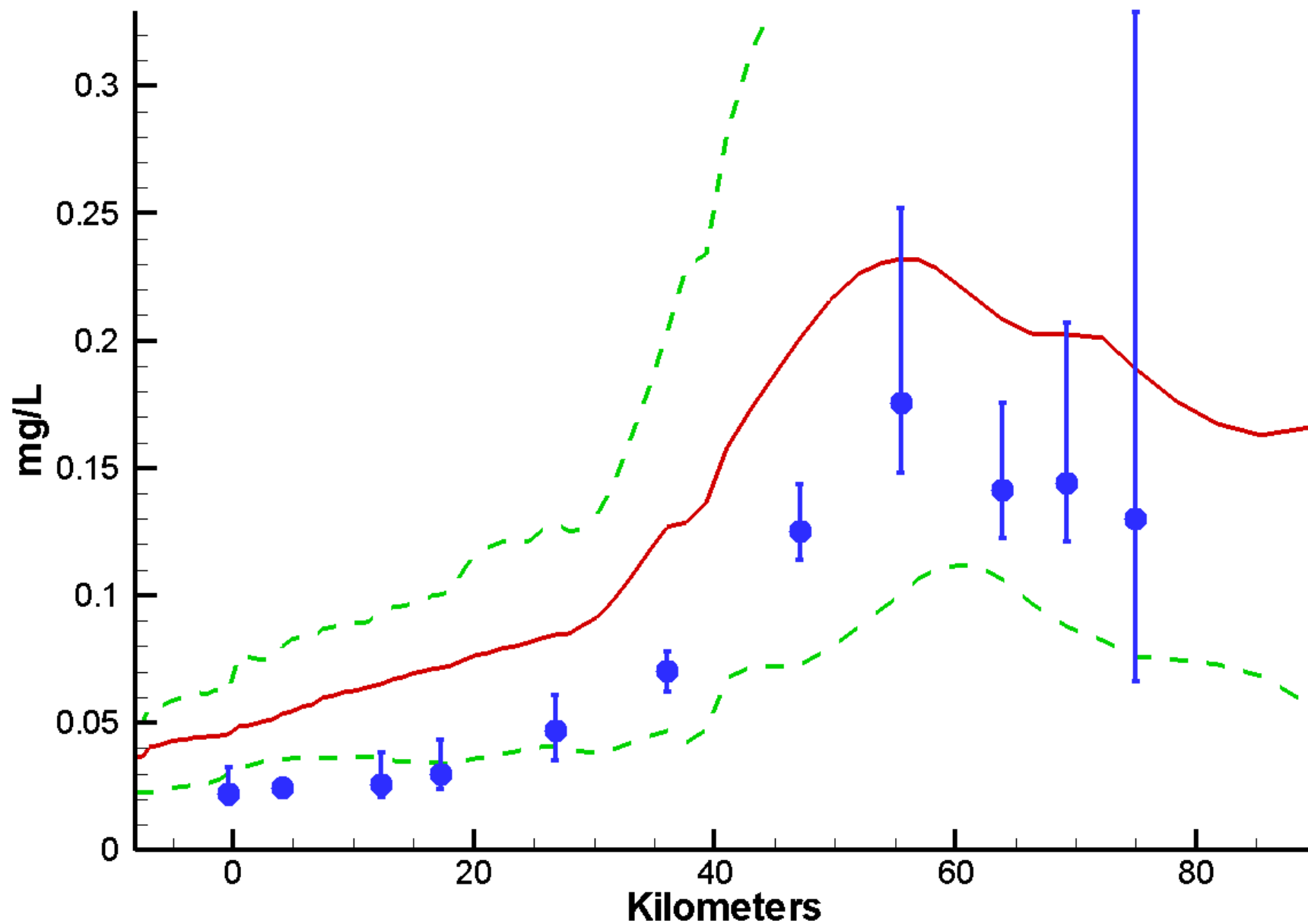
# Patuxent River Ches2015 Run118

## Surface Total Organic Carbon Spring 1999



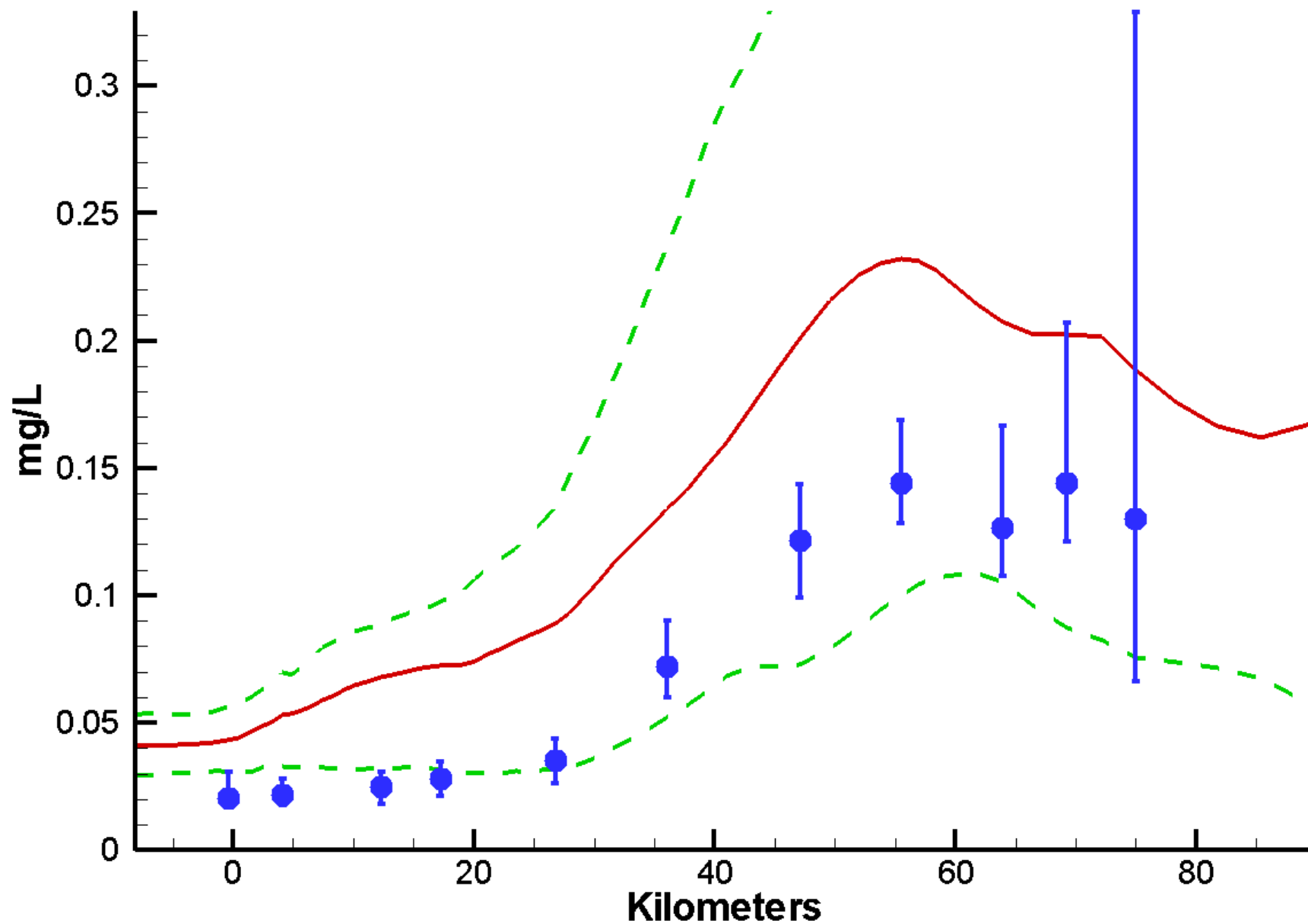
# Patuxent River Ches2015 Run118

## Bottom Total Phosphorus Spring 1999



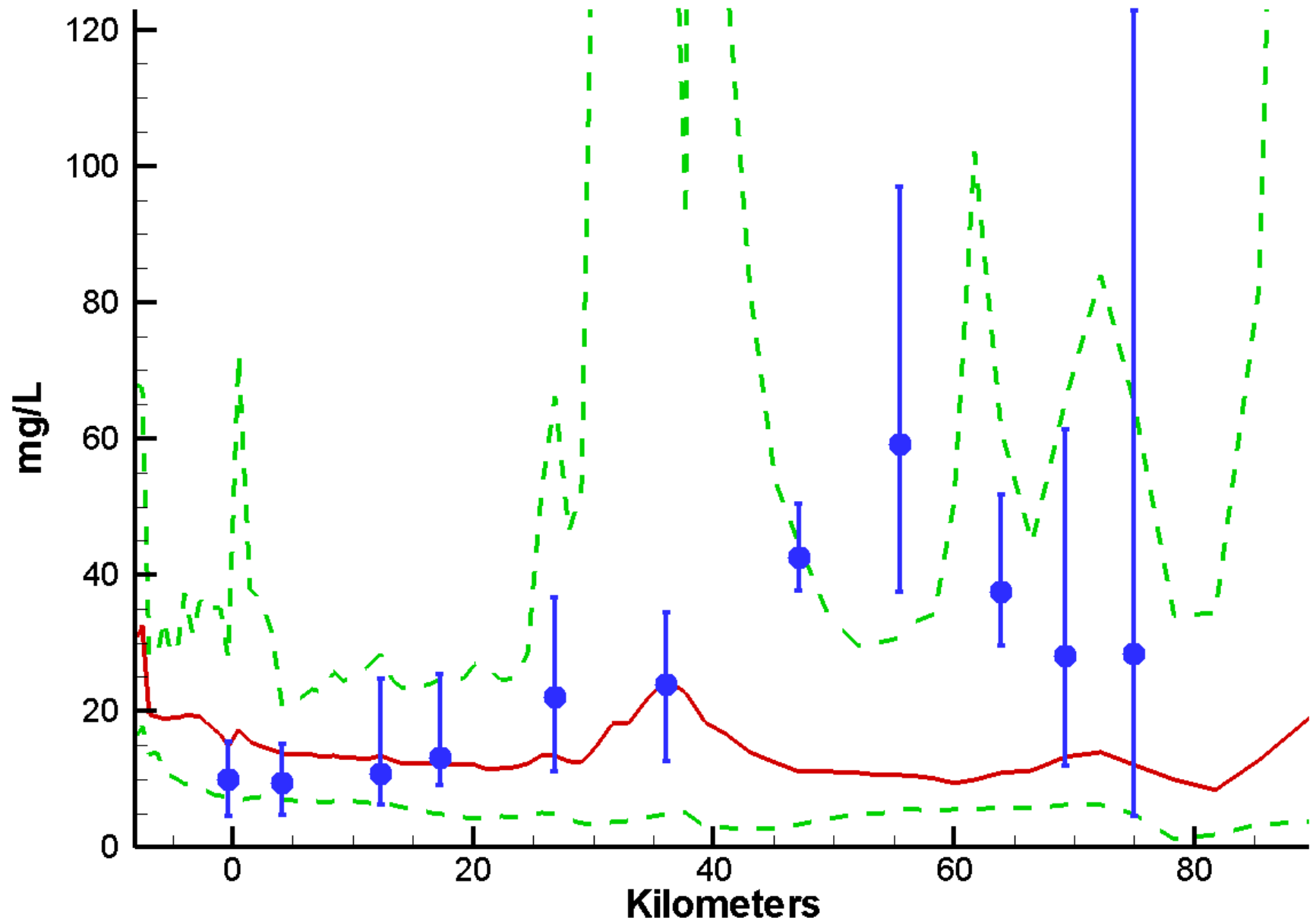
# Patuxent River Ches2015 Run118

## Surface Total Phosphorus Spring 1999



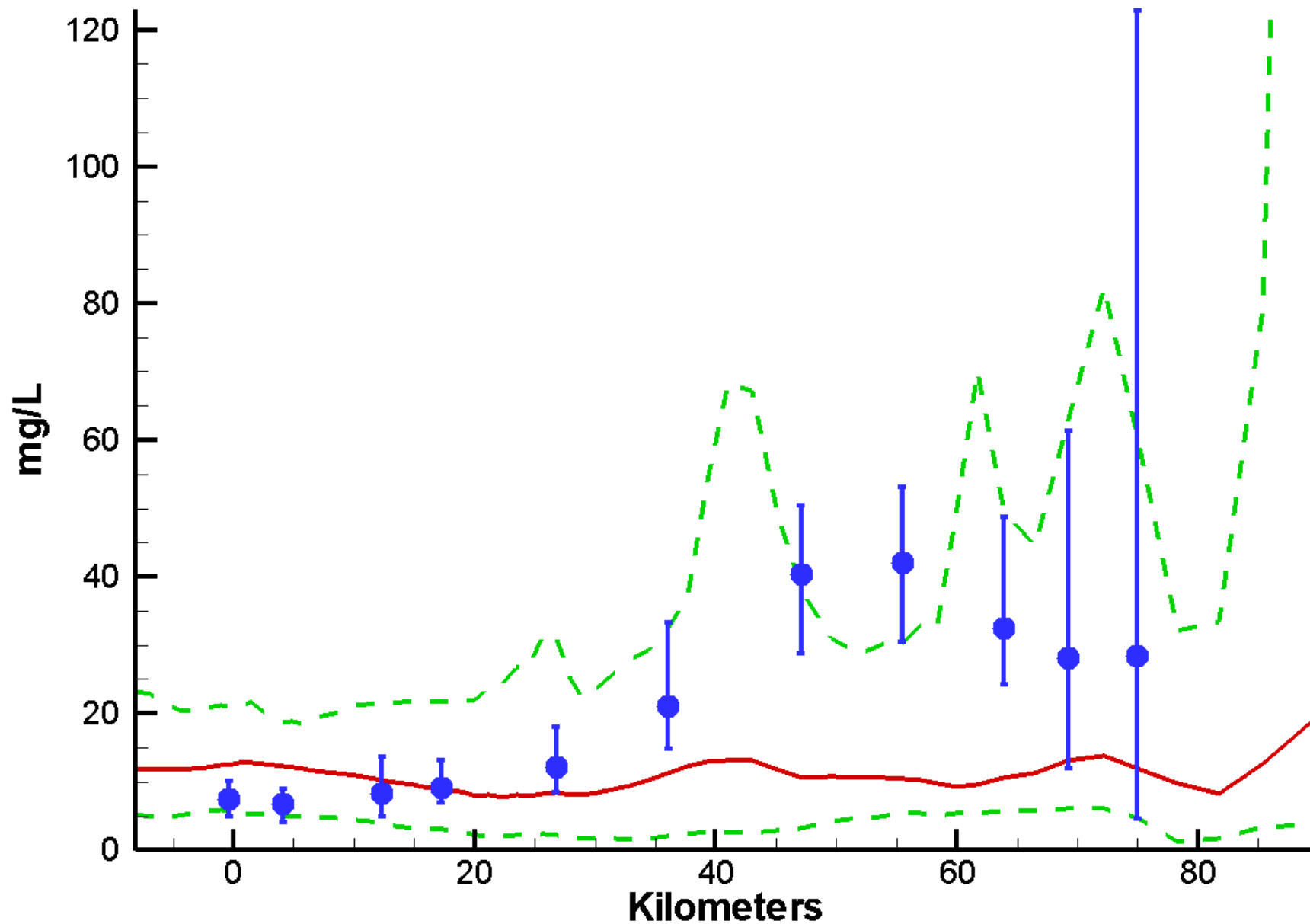
# Patuxent River Ches2015 Run118

## Bottom Total Suspended Solids Spring 1999



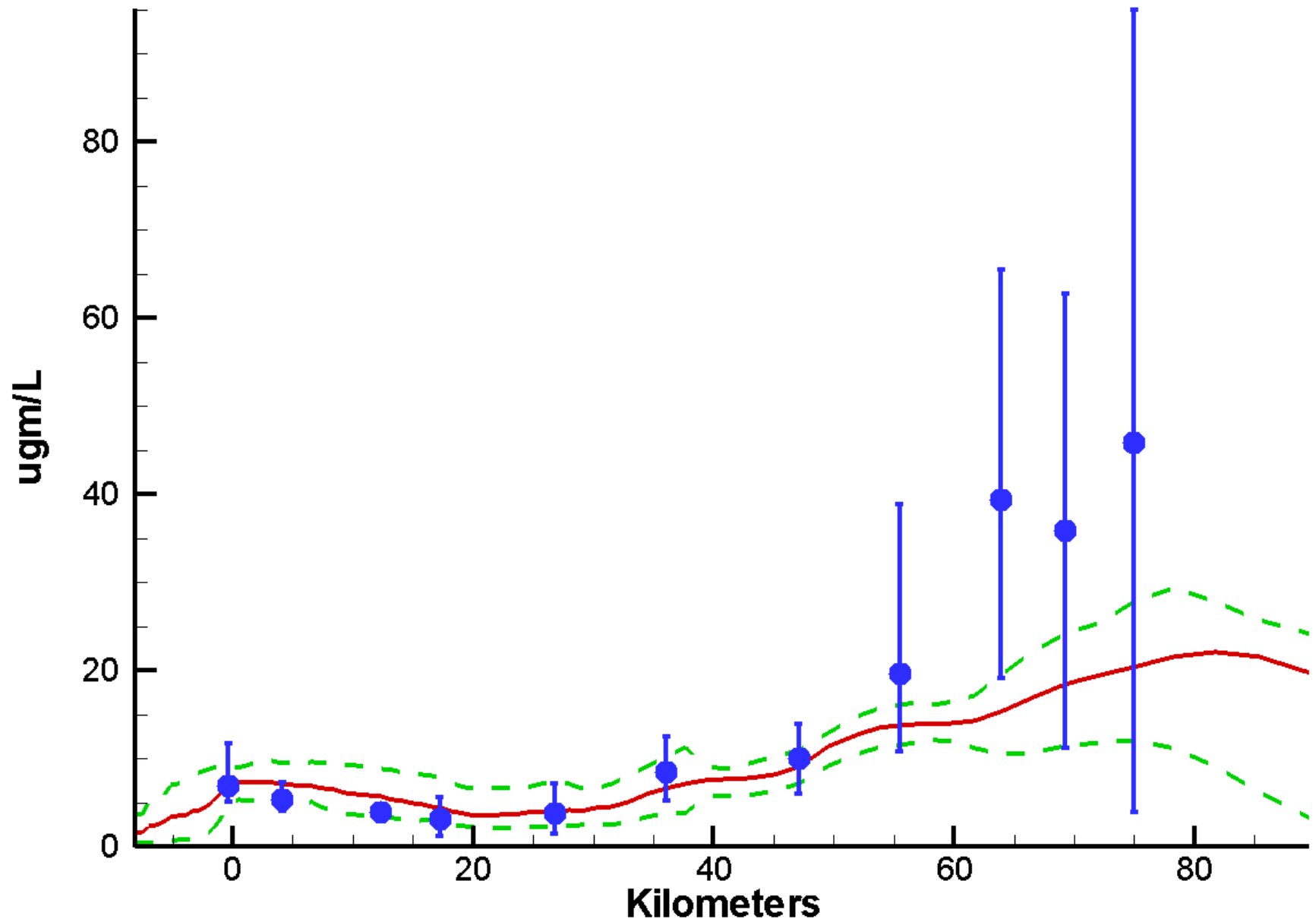
# Patuxent River Ches2015 Run118

## Surface Total Suspended Solids Spring 1999



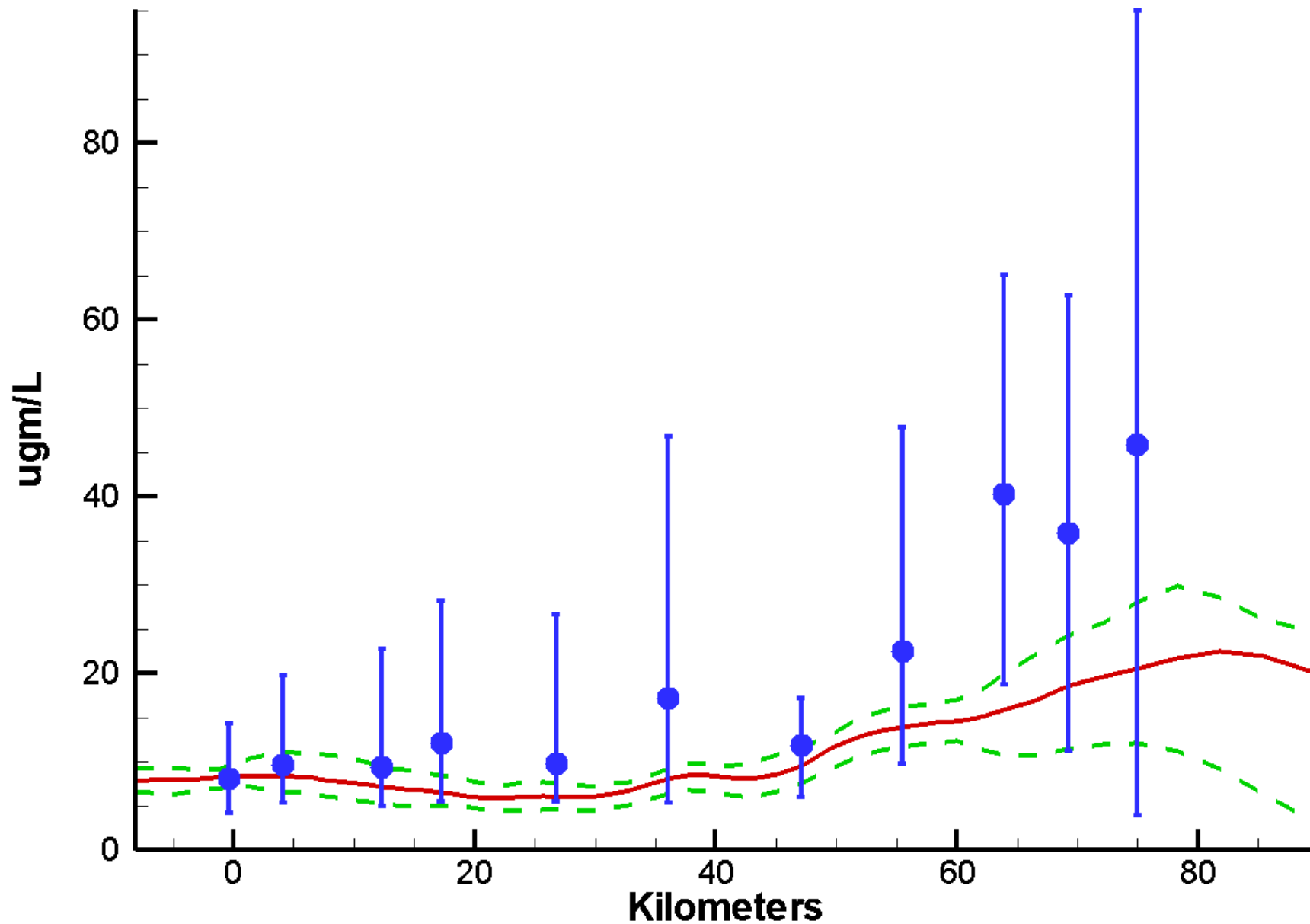
# Patuxent River Ches2015 Run118

## Bottom Chlorophyll Summer 1999



# Patuxent River Ches2015 Run118

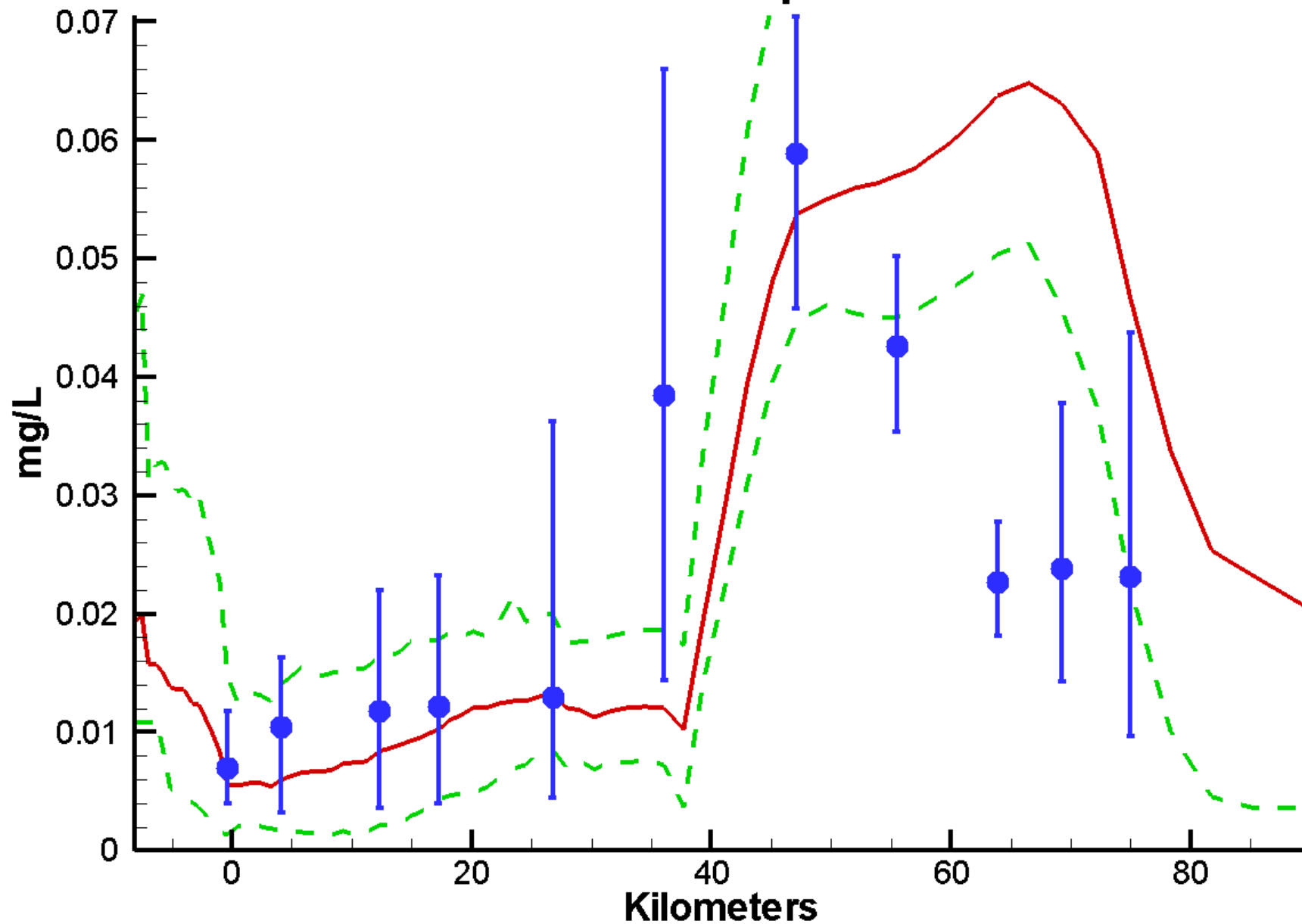
## Surface Chlorophyll Summer 1999





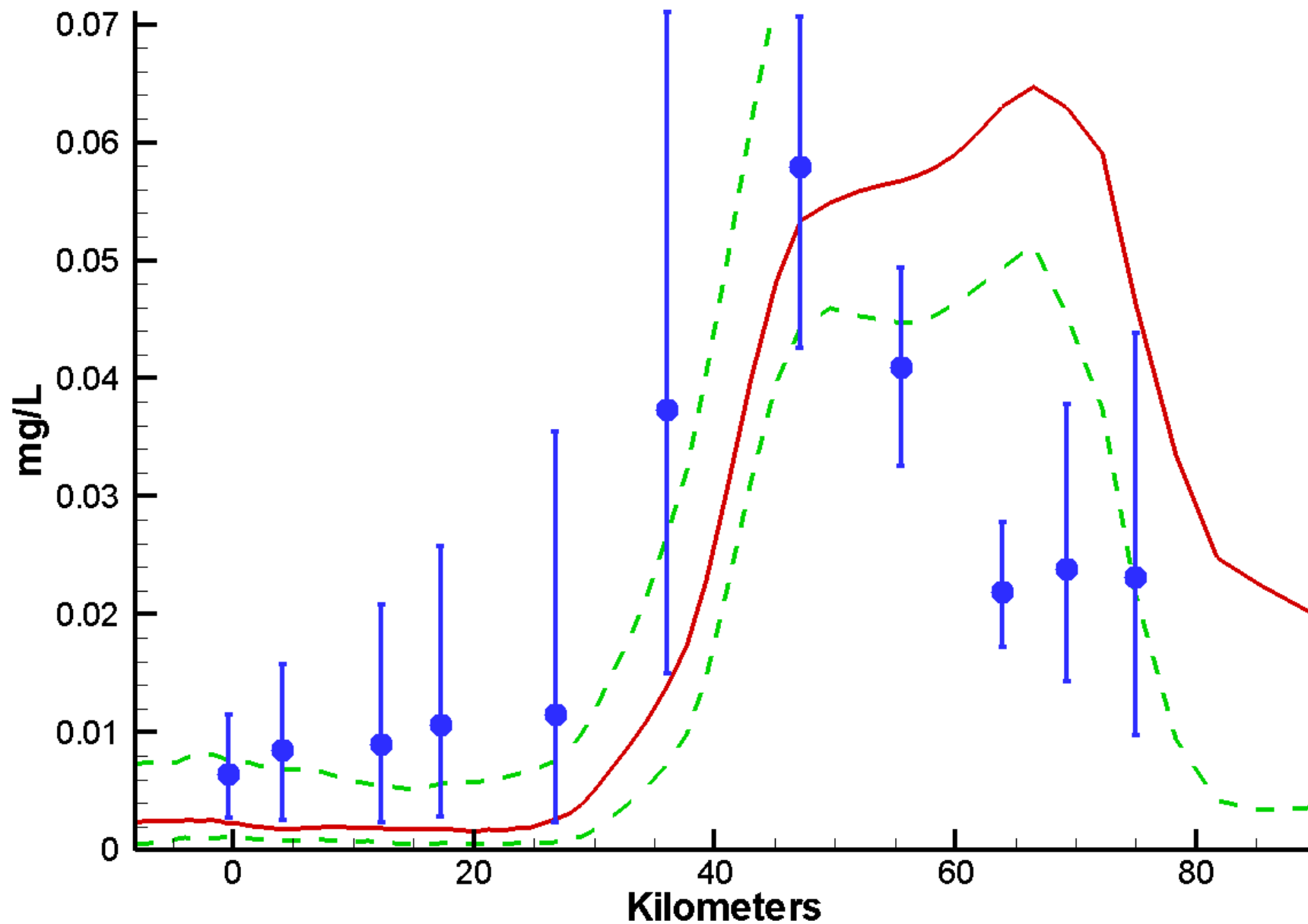
# Patuxent River Ches2015 Run118

## Bottom Dissolved Phosphate Summer 1999



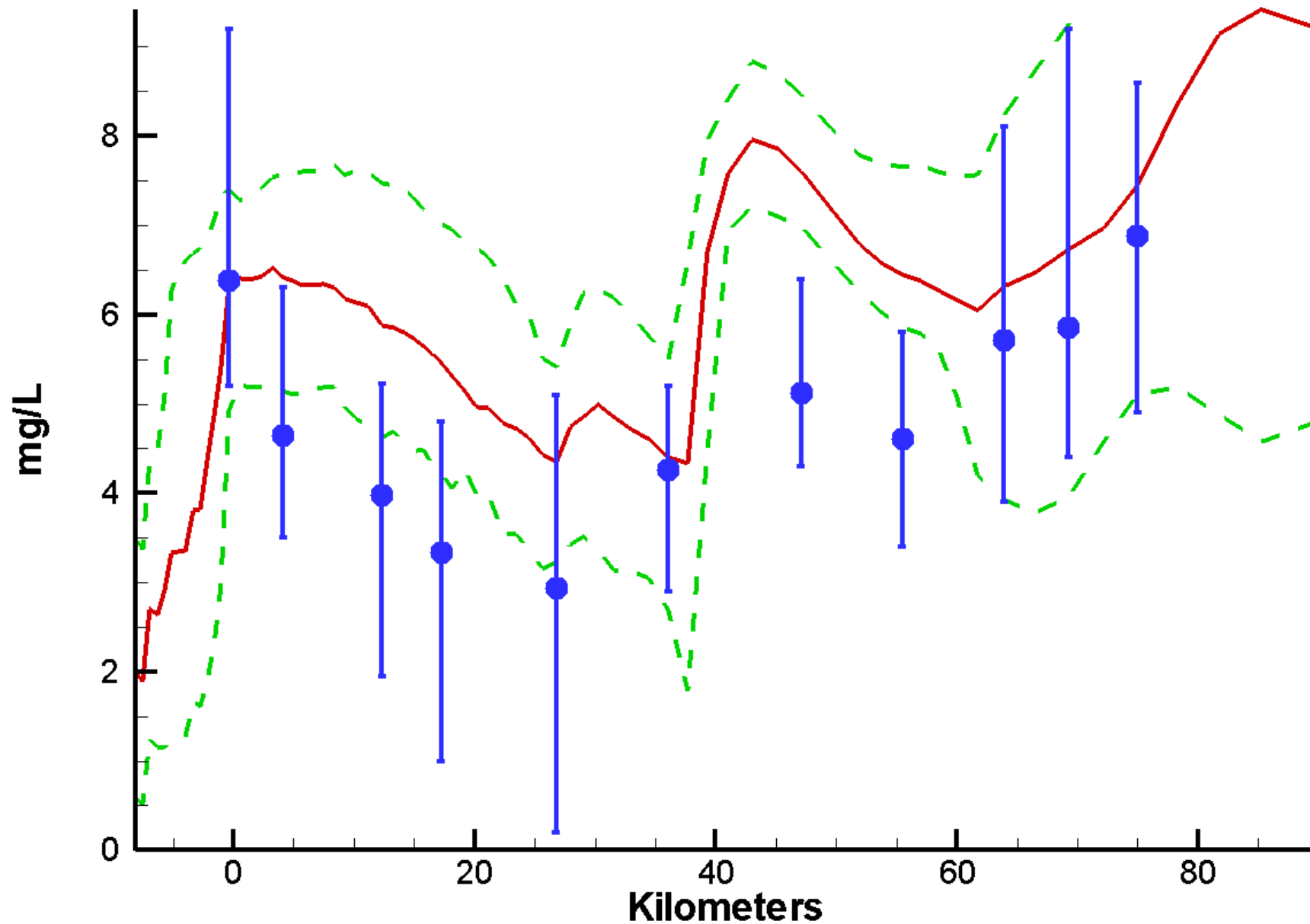
# Patuxent River Ches2015 Run118

## Surface Dissolved Phosphate Summer 1999



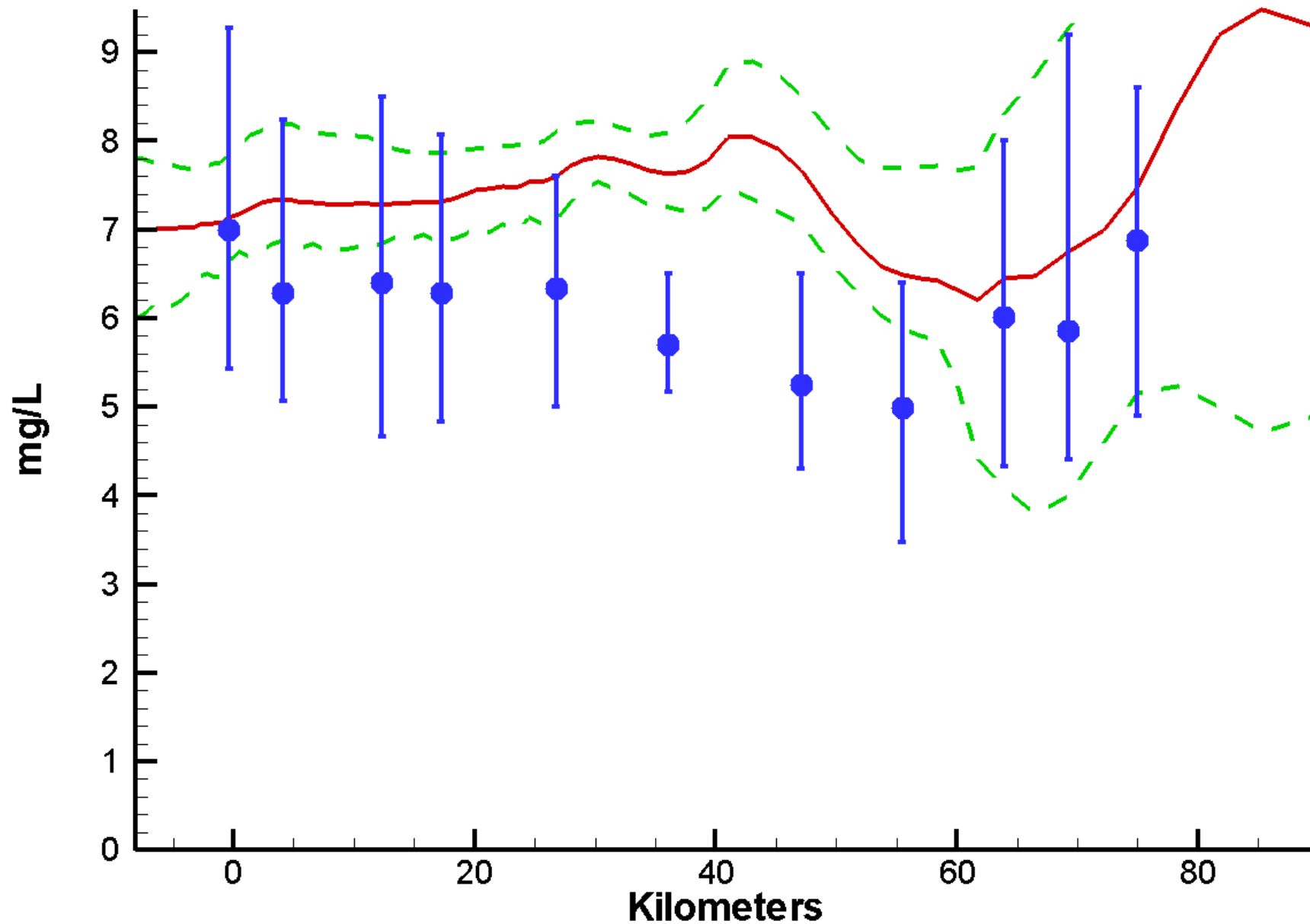
# Patuxent River Ches2015 Run118

## Bottom Dissolved Oxygen Summer 1999



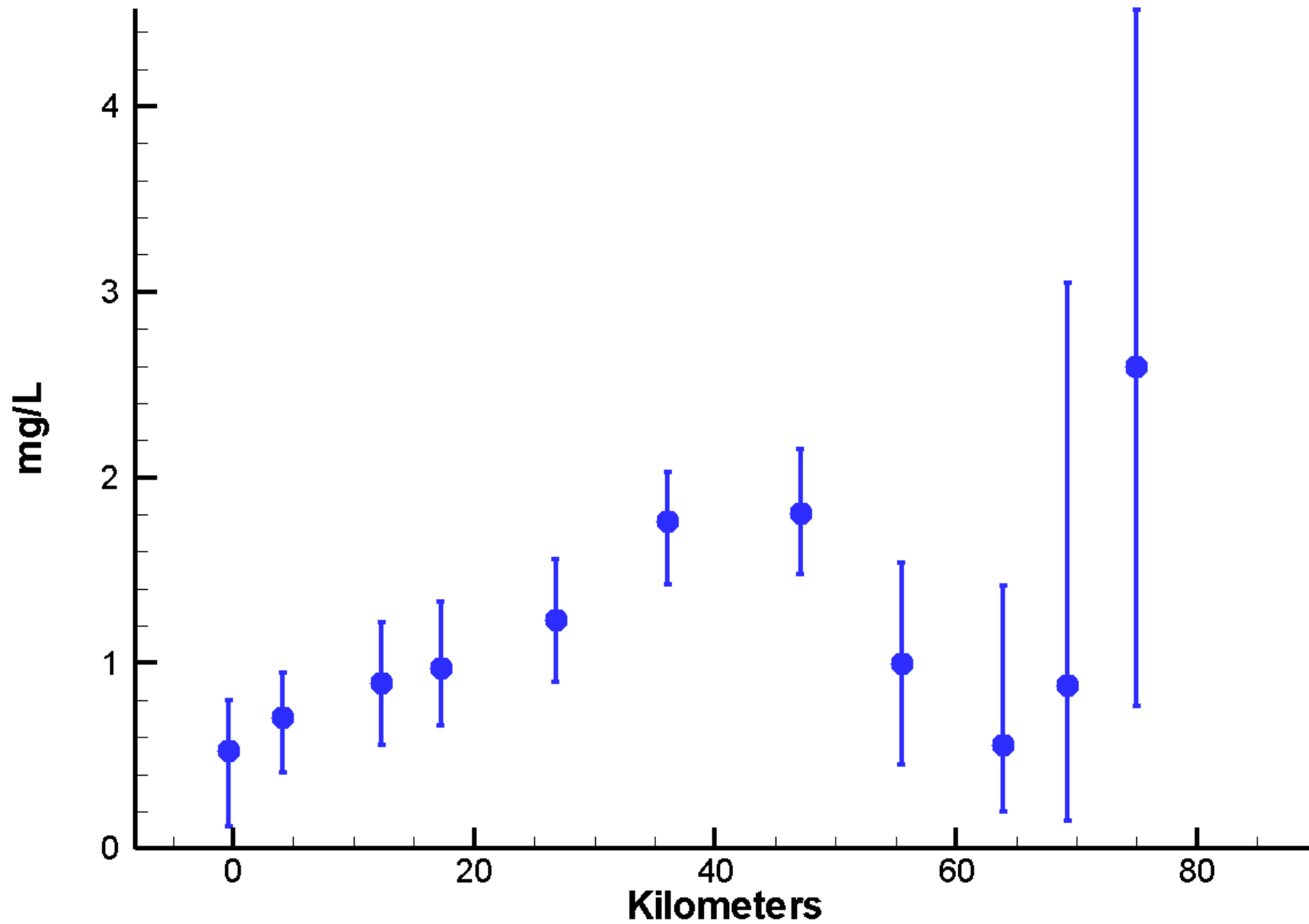
# Patuxent River Ches2015 Run118

## Surface Dissolved Oxygen Summer 1999



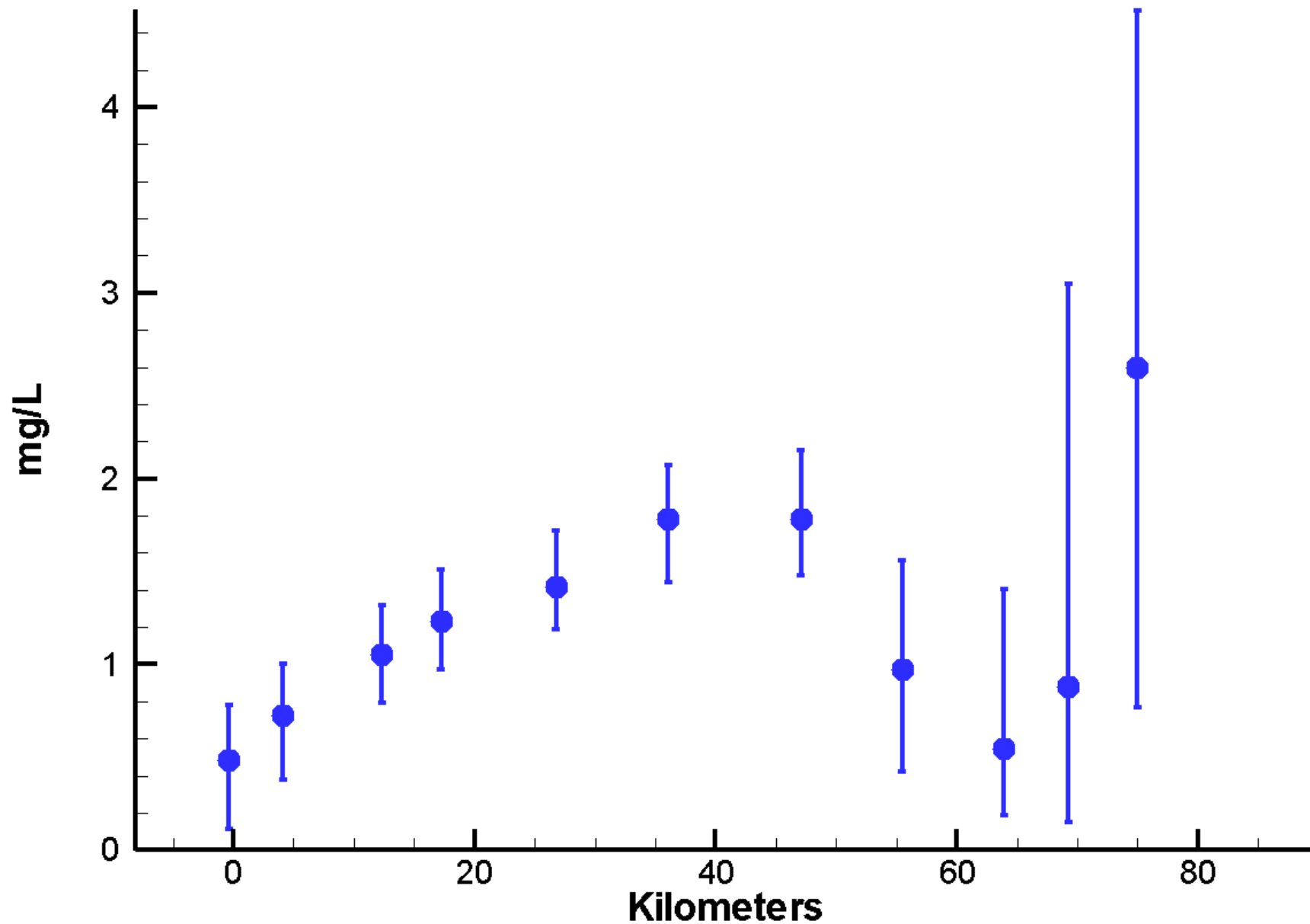
# Patuxent River Ches2015 Run118

## Bottom Dissolved Silica Summer 1999



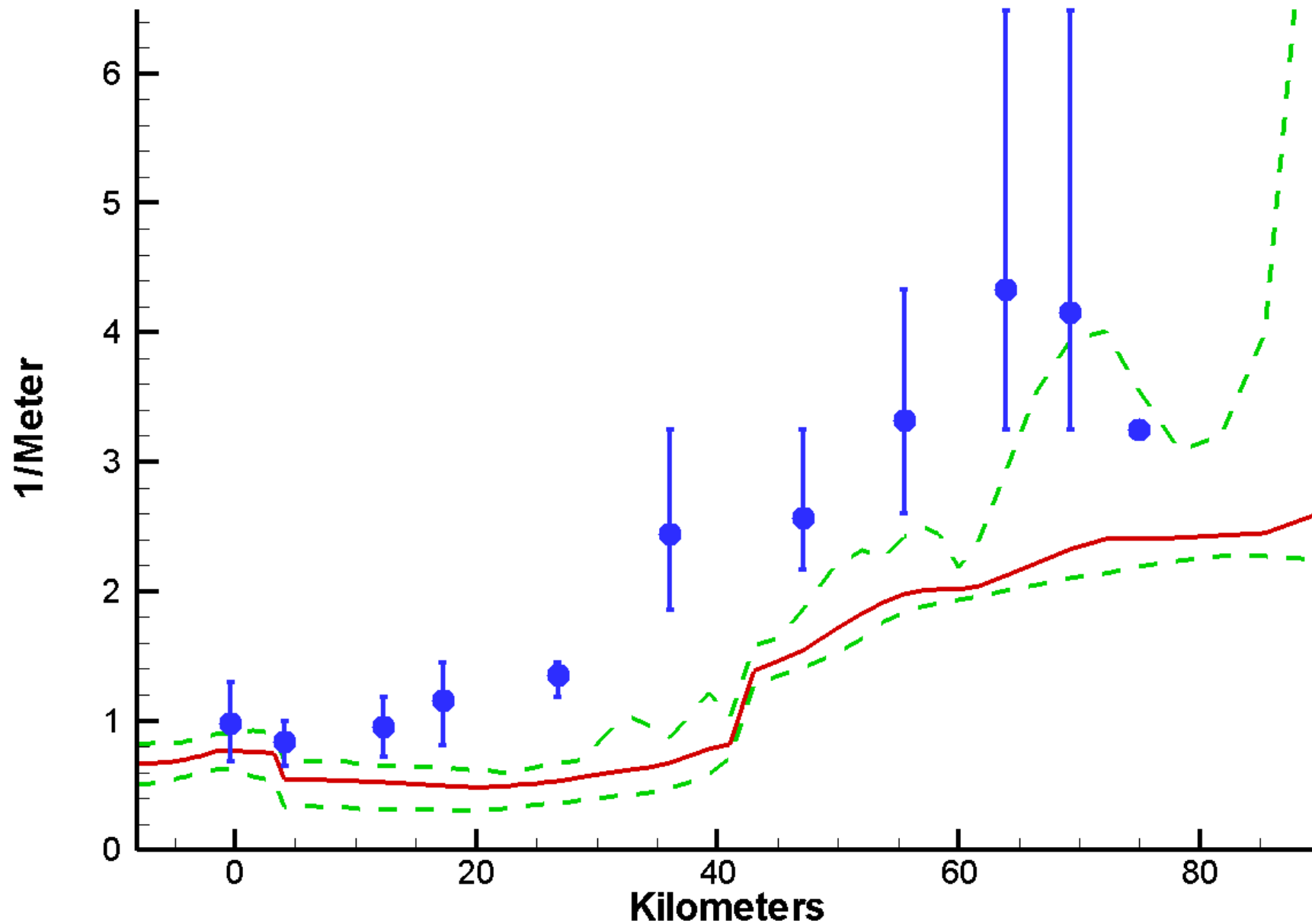
# Patuxent River Ches2015 Run118

## Surface Dissolved Silica Summer 1999



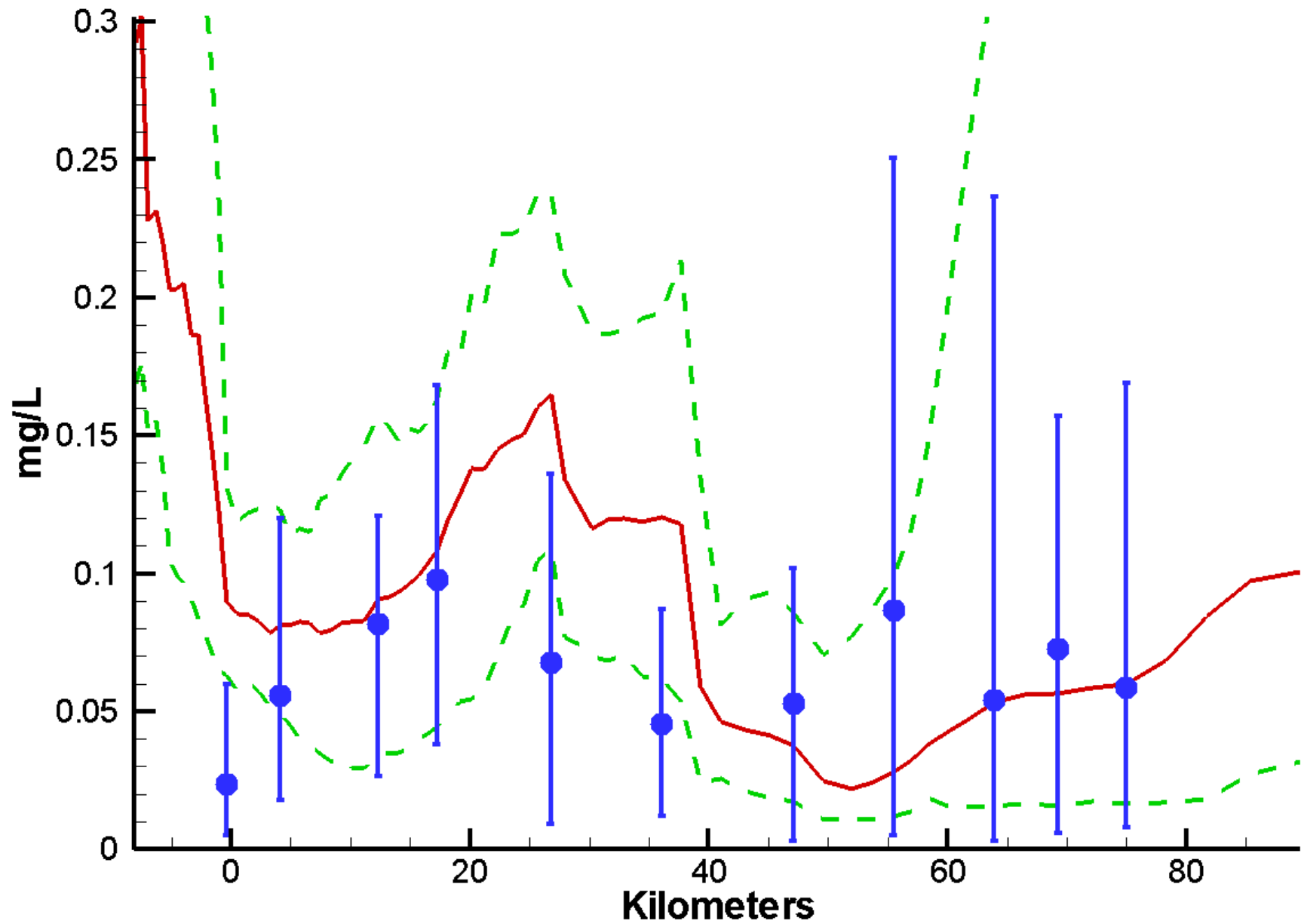
# Patuxent River Ches2015 Run118

## Surface Light Extinction Summer 1999



# Patuxent River Ches2015 Run118

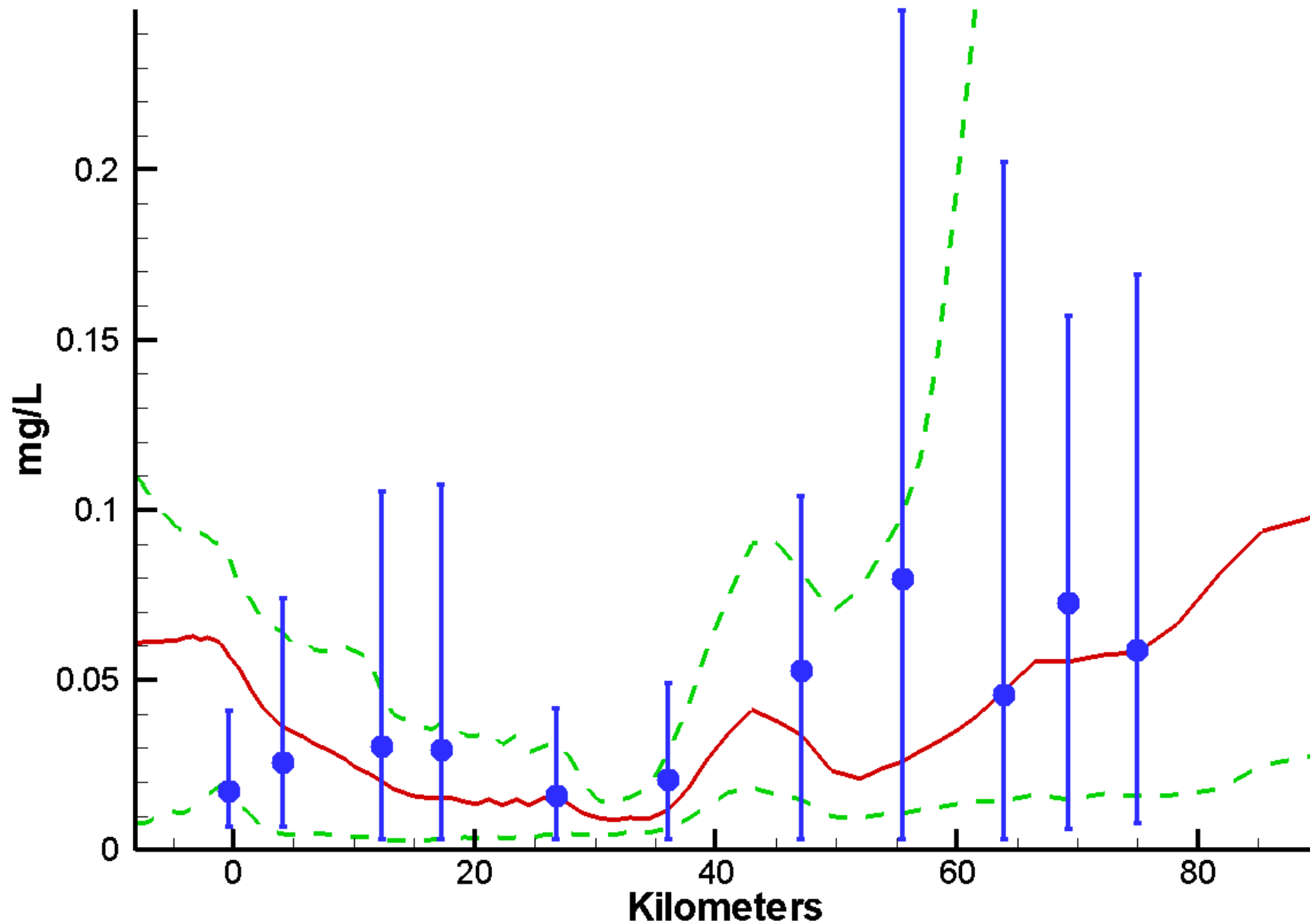
## Bottom Ammonium Summer 1999





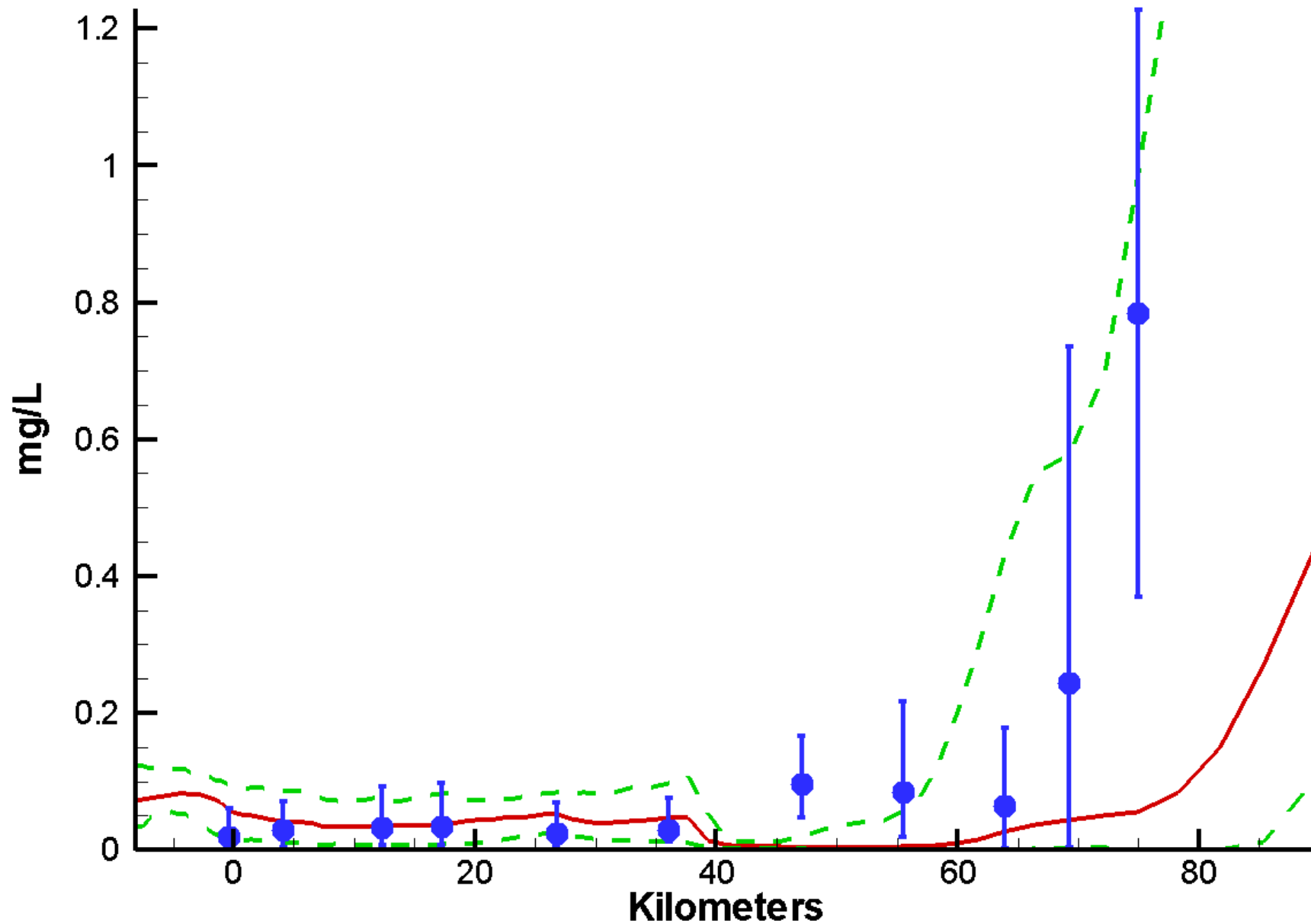
# Patuxent River Ches2015 Run118

## Surface Ammonium Summer 1999



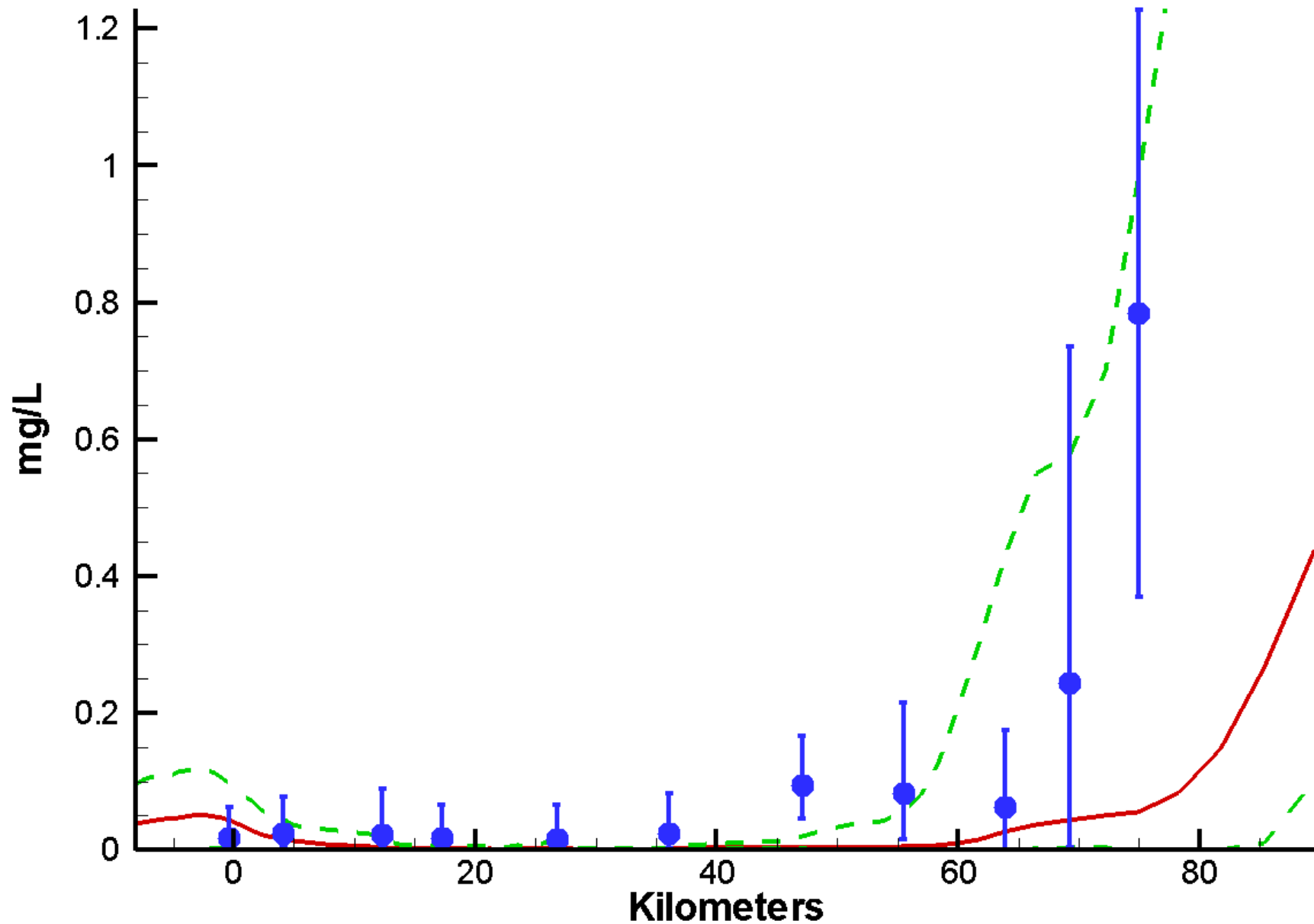
# Patuxent River Ches2015 Run118

## Bottom Nitrate Summer 1999

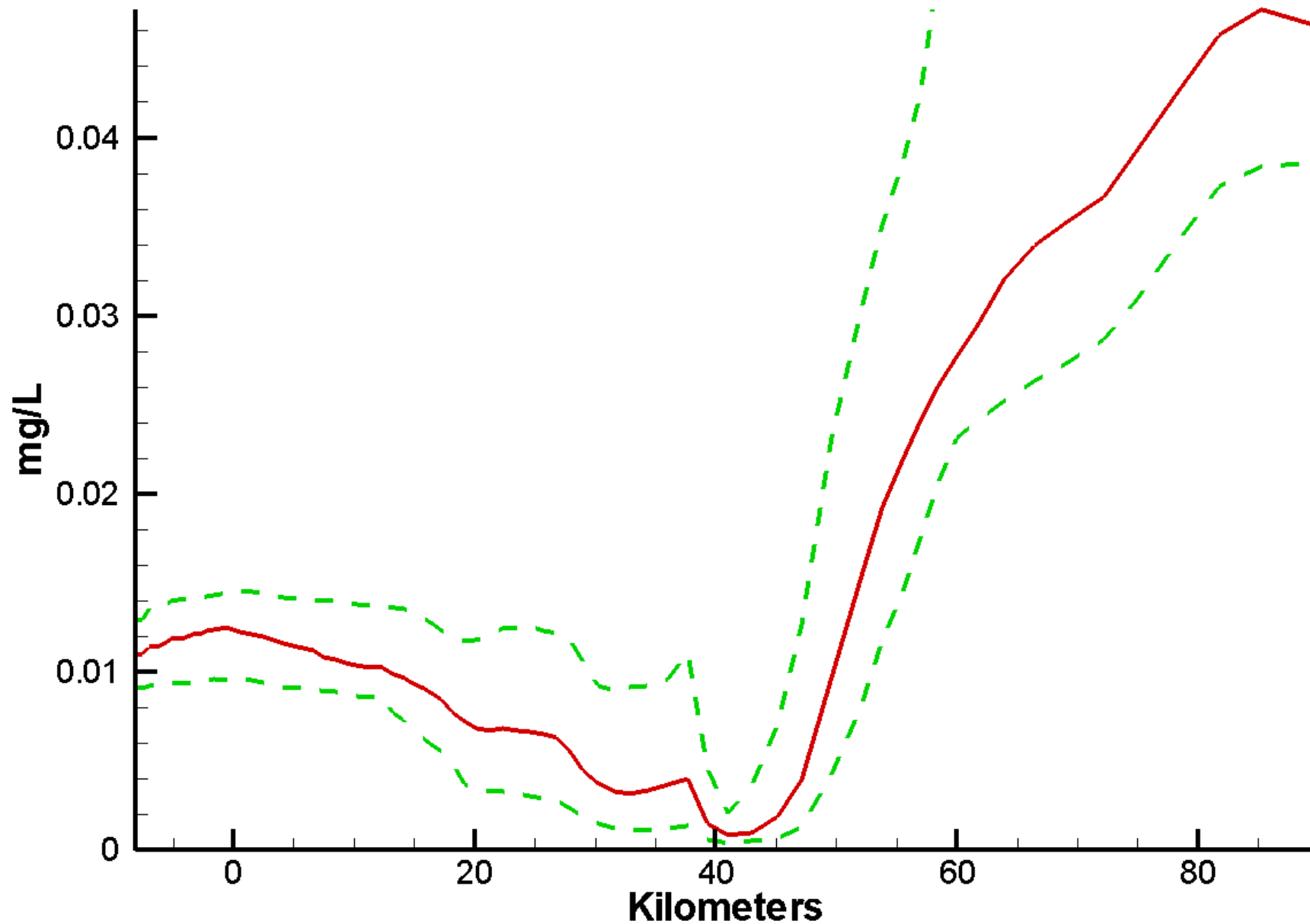


# Patuxent River Ches2015 Run118

## Surface Nitrate Summer 1999

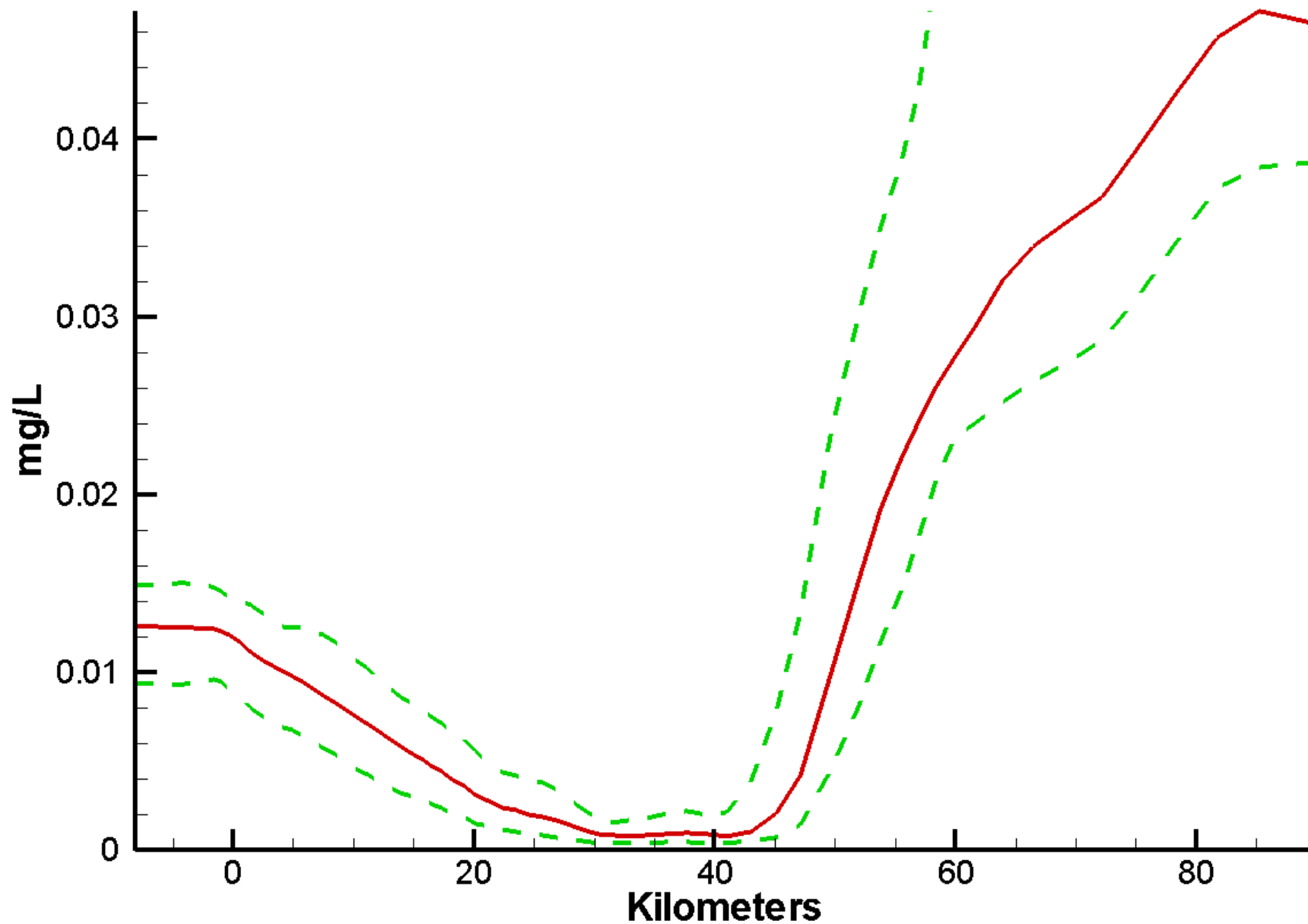


**Patuxent River Ches2015 Run118**  
**Bottom Particulate Inorganic Phosphorus Summer 1999**



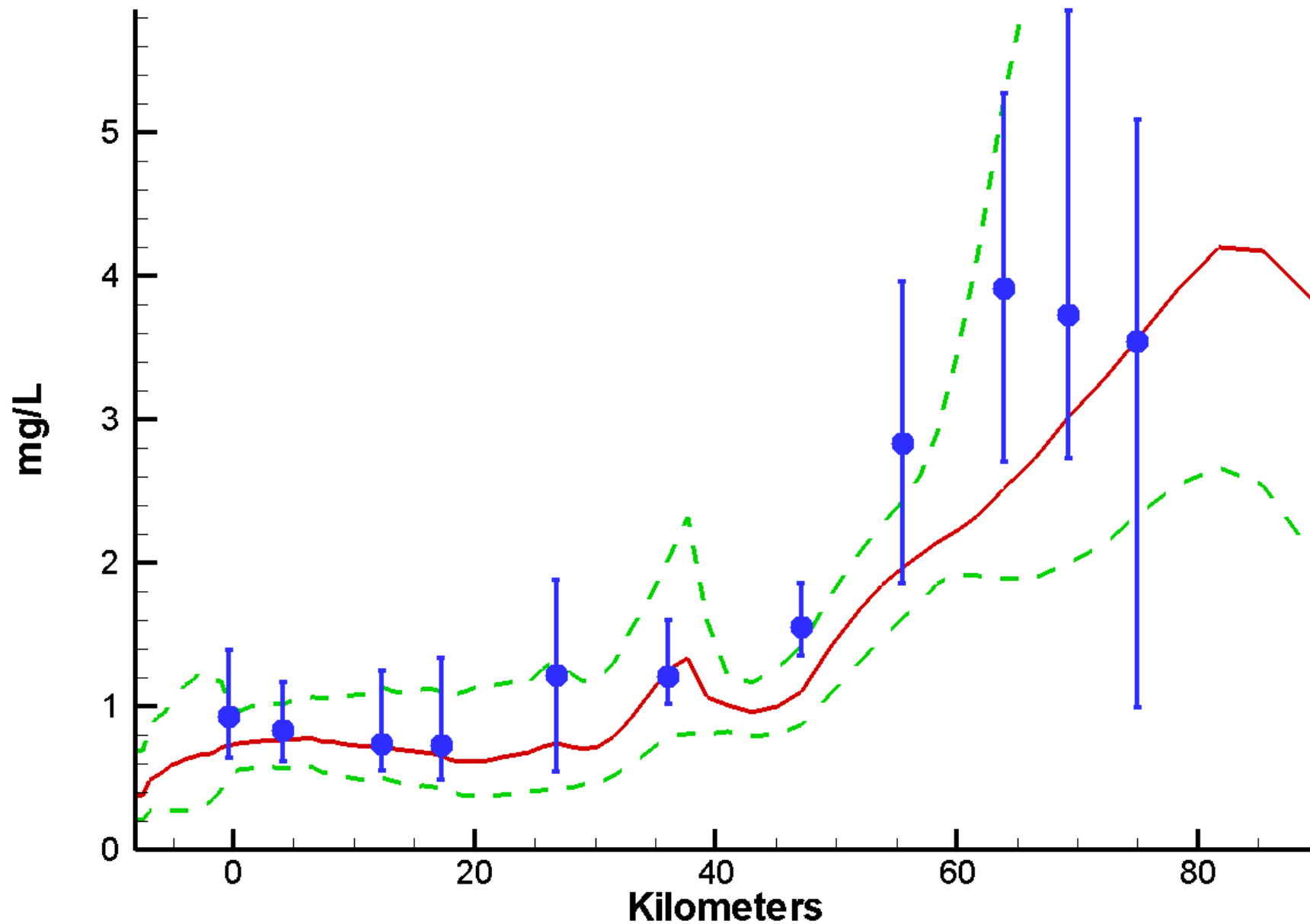
# Patuxent River Ches2015 Run118

## Surface Particulate Inorganic Phosphorus Summer 1999



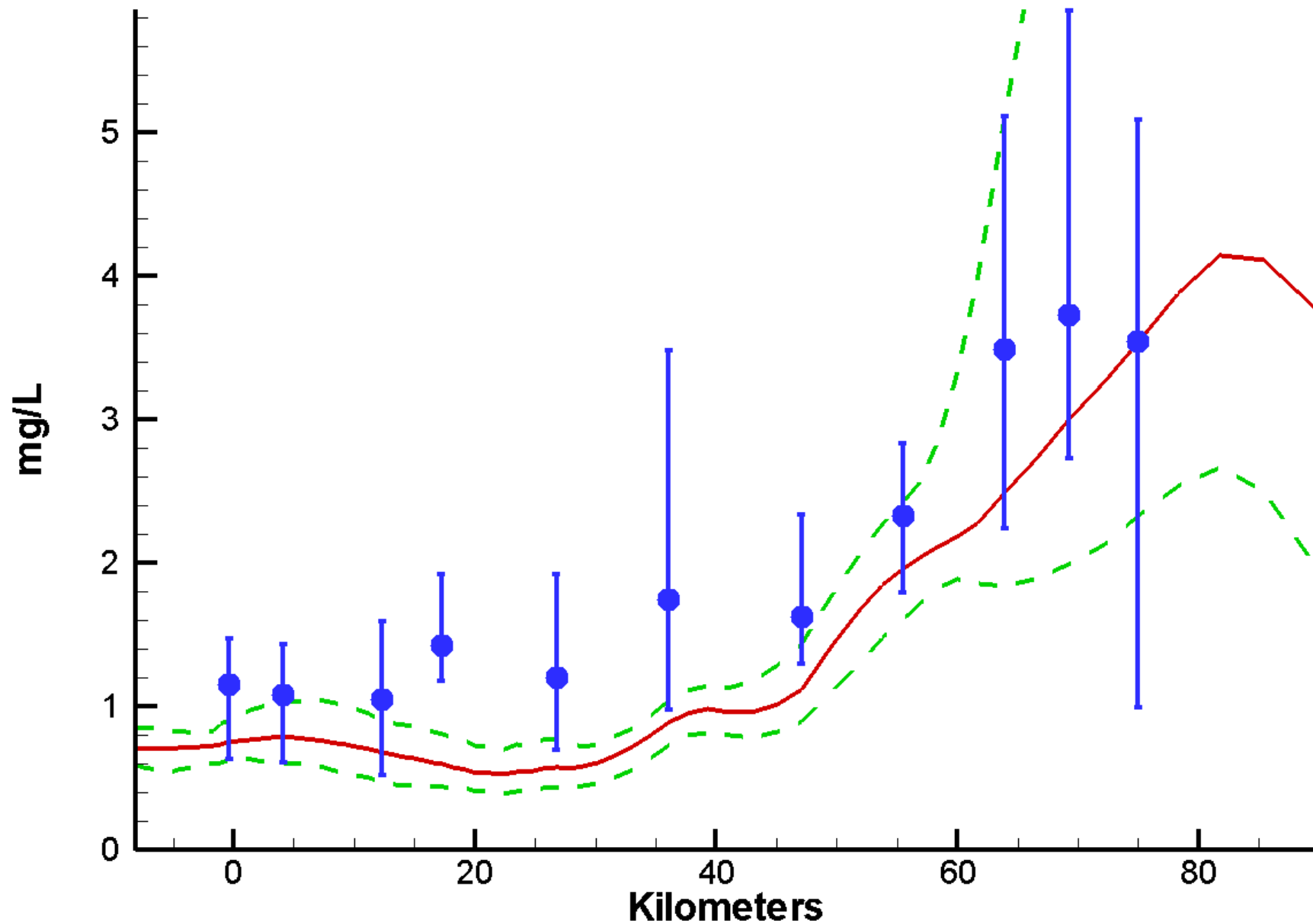
# Patuxent River Ches2015 Run118

## Bottom Particulate Organic Carbon Summer 1999



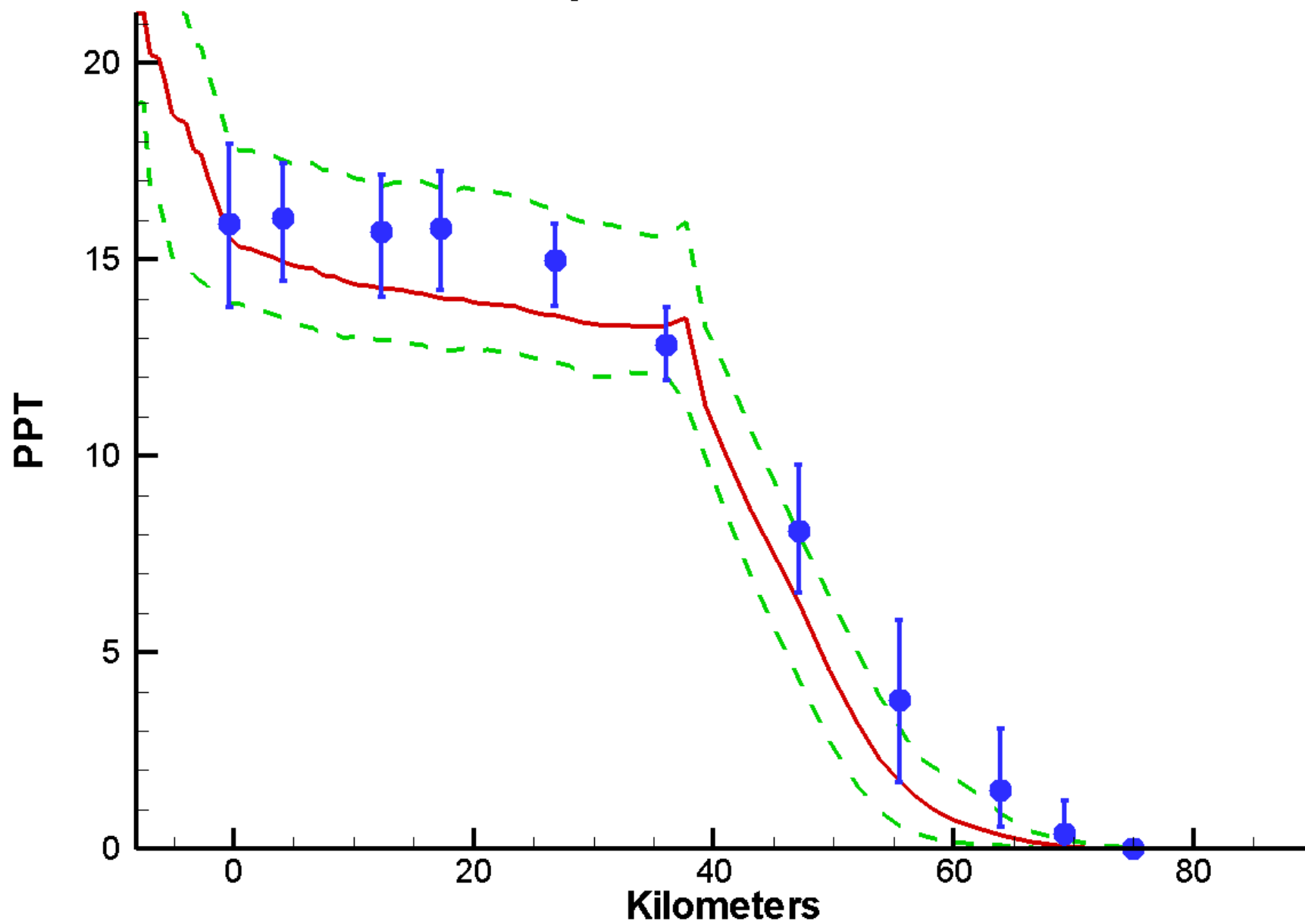
# Patuxent River Ches2015 Run118

## Surface Particulate Organic Carbon Summer 1999



# Patuxent River Ches2015 Run118

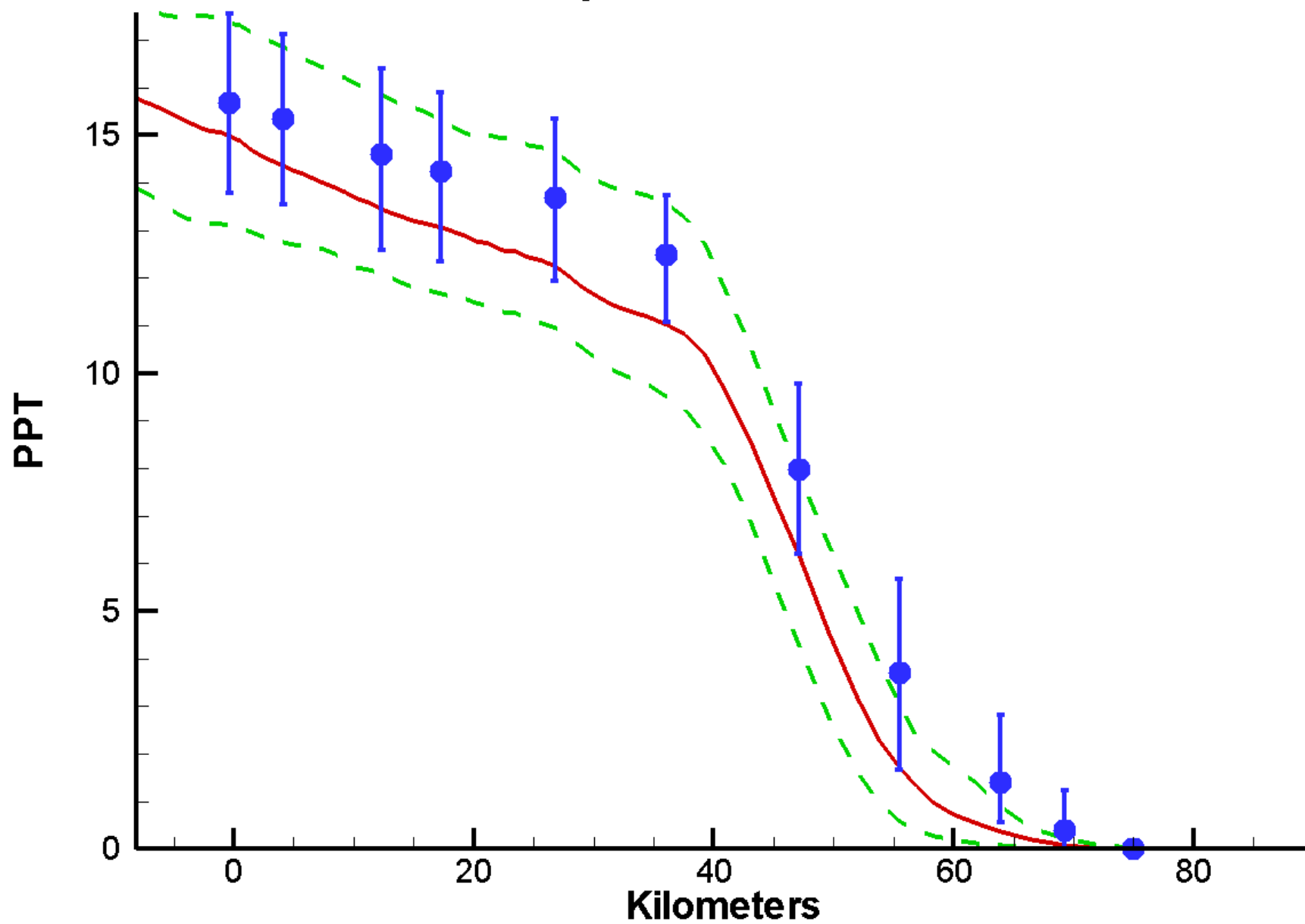
## Bottom Salinity Summer 1999





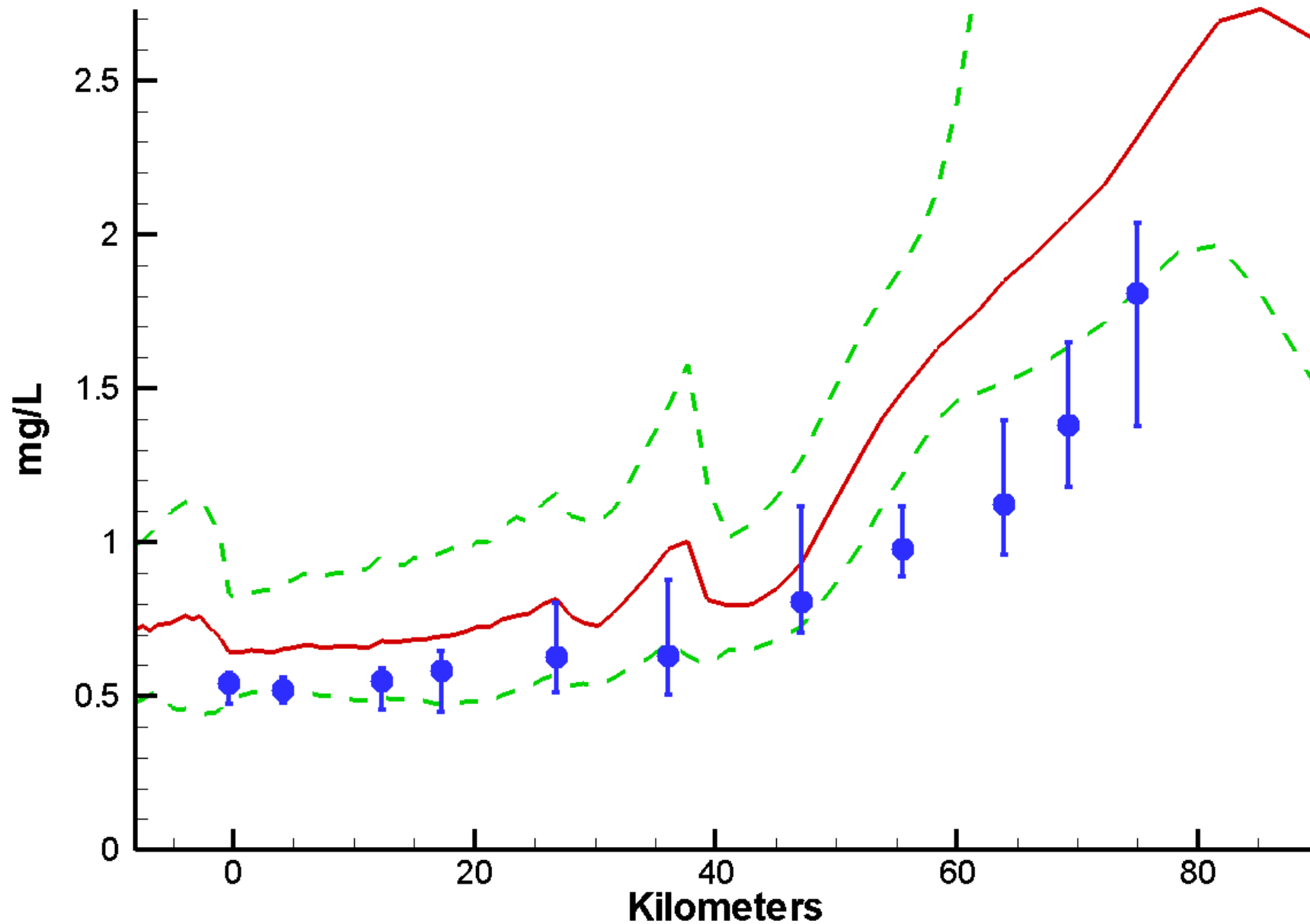
# Patuxent River Ches2015 Run118

## Surface Salinity Summer 1999



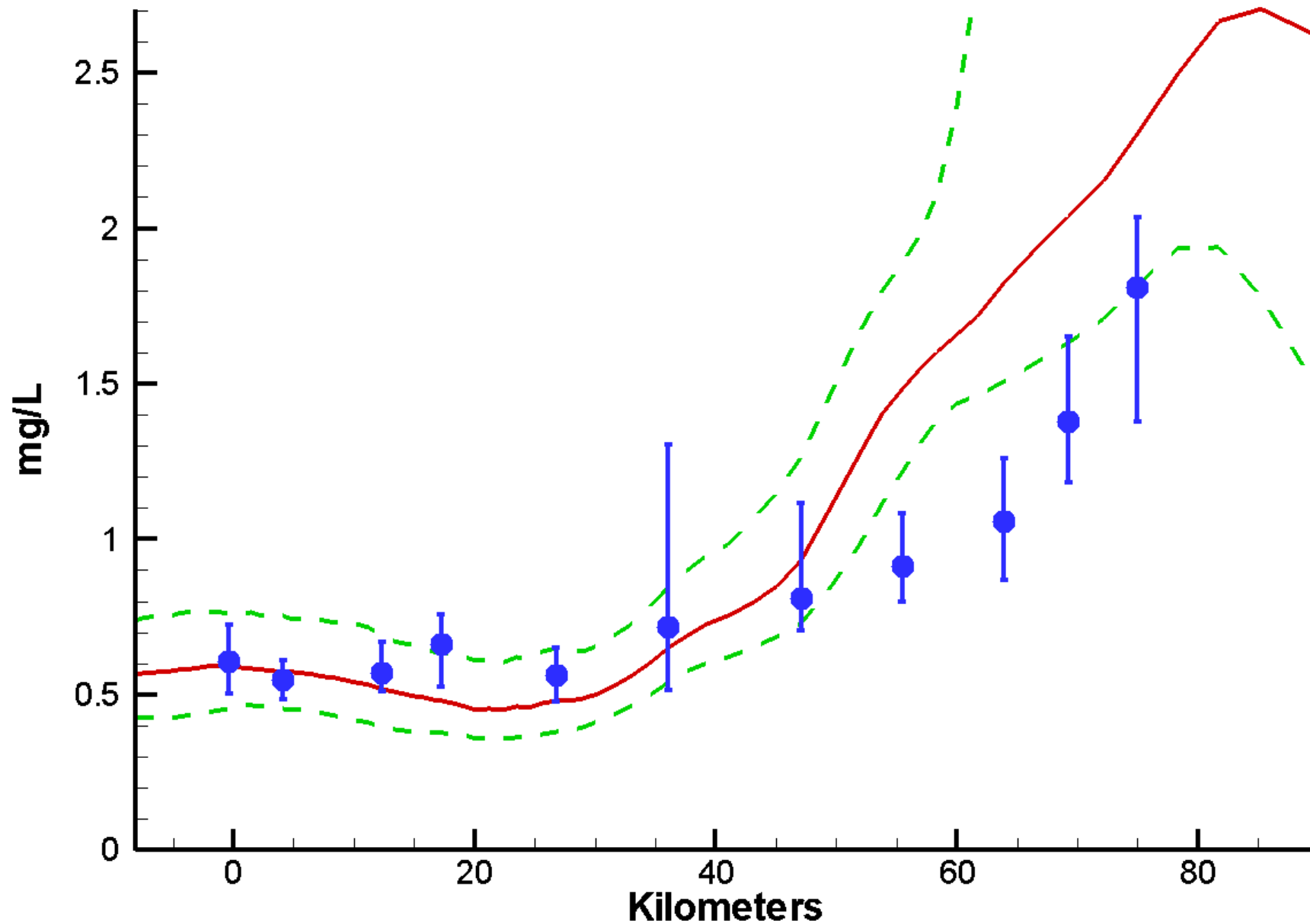
# Patuxent River Ches2015 Run118

## Bottom Total Nitrogen Summer 1999



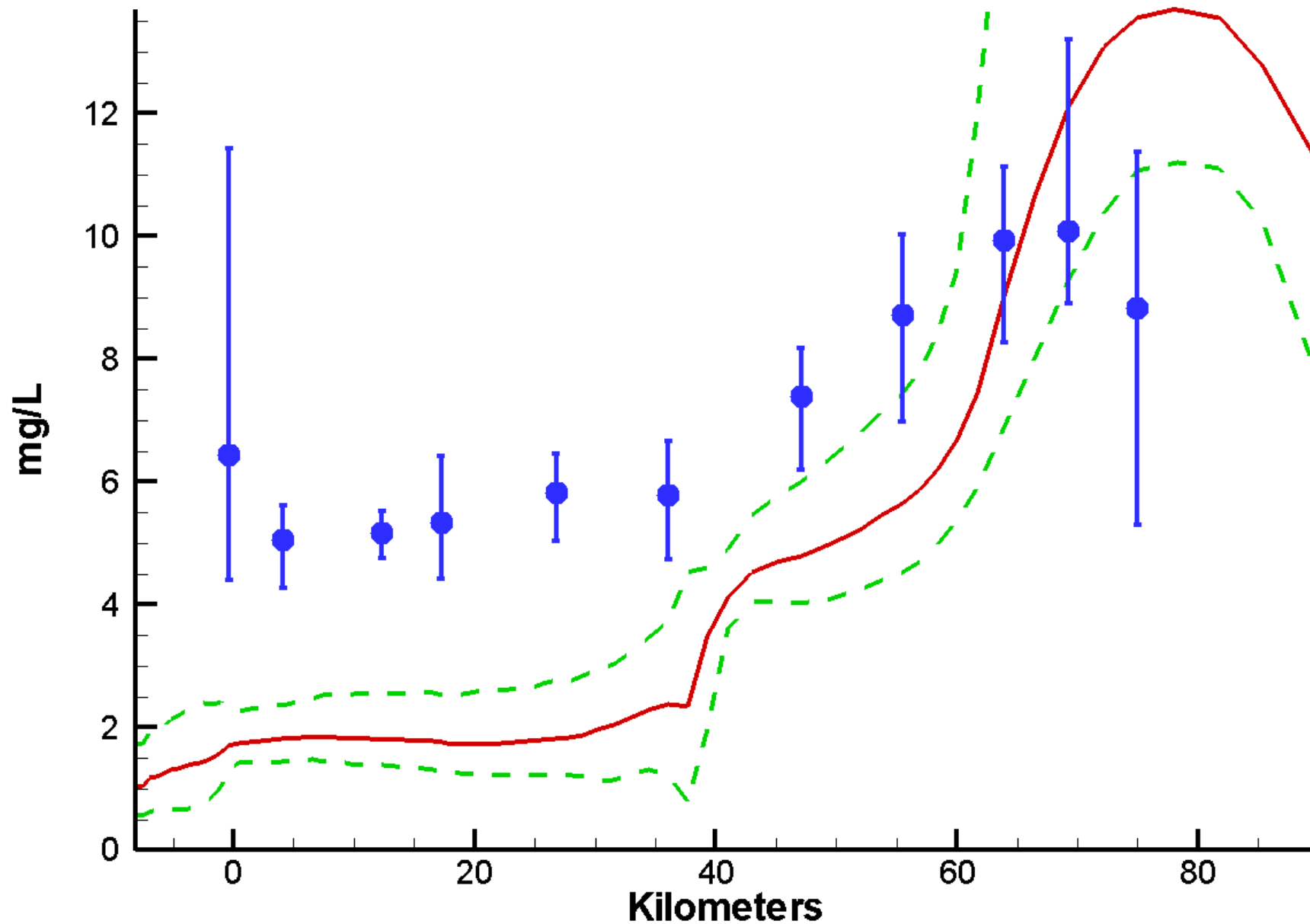
# Patuxent River Ches2015 Run118

## Surface Total Nitrogen Summer 1999



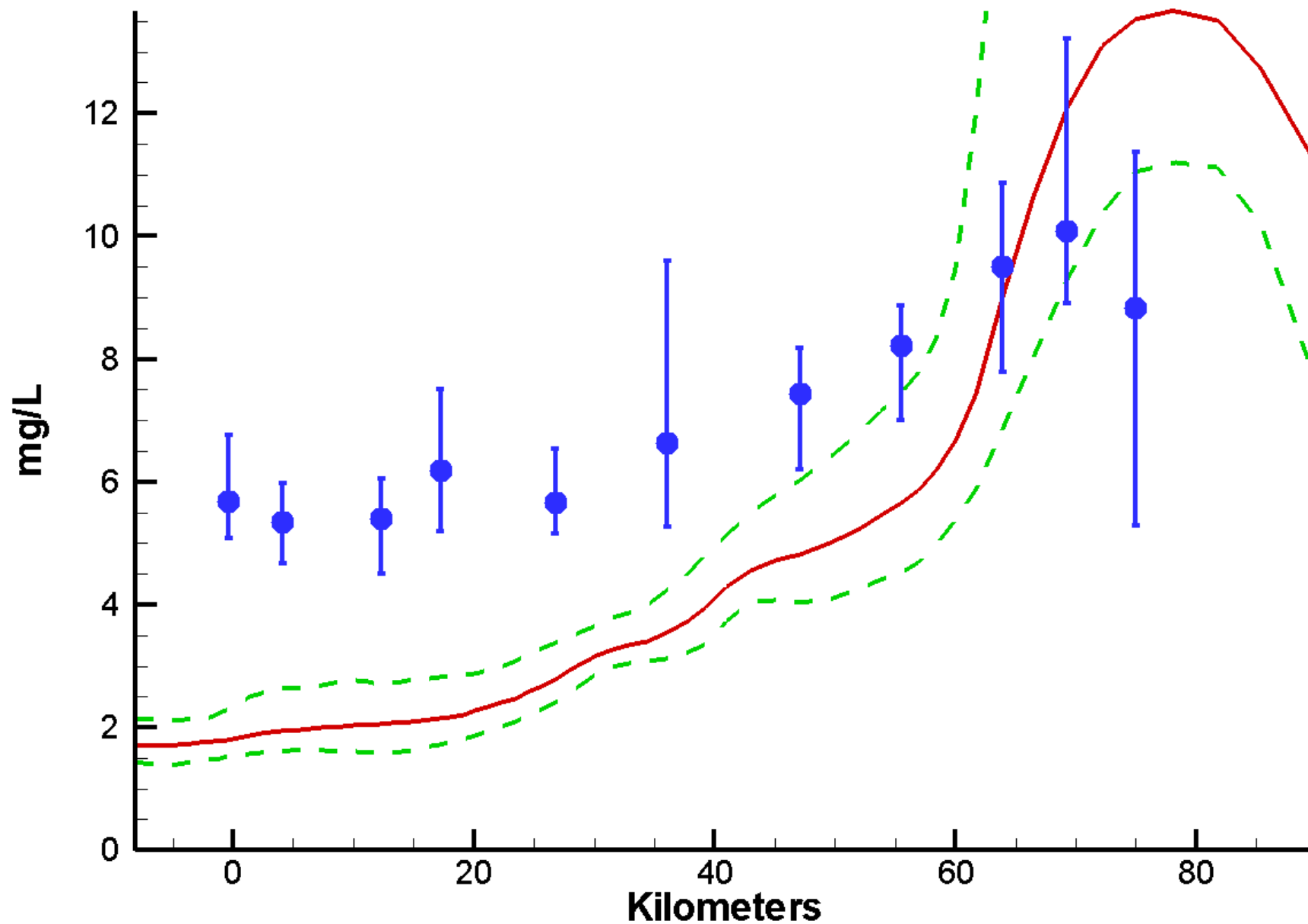
# Patuxent River Ches2015 Run118

## Bottom Total Organic Carbon Summer 1999



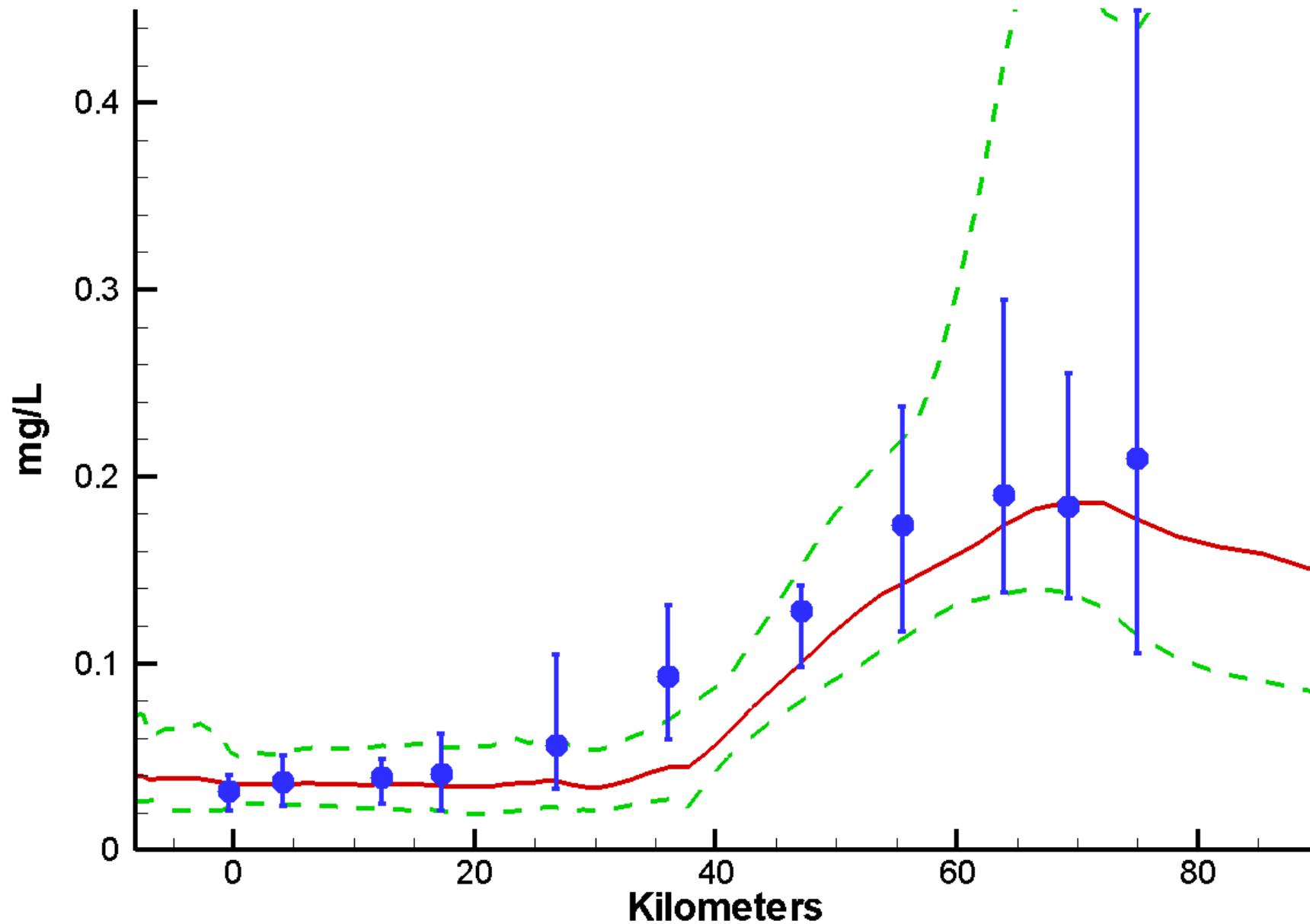
# Patuxent River Ches2015 Run118

## Surface Total Organic Carbon Summer 1999



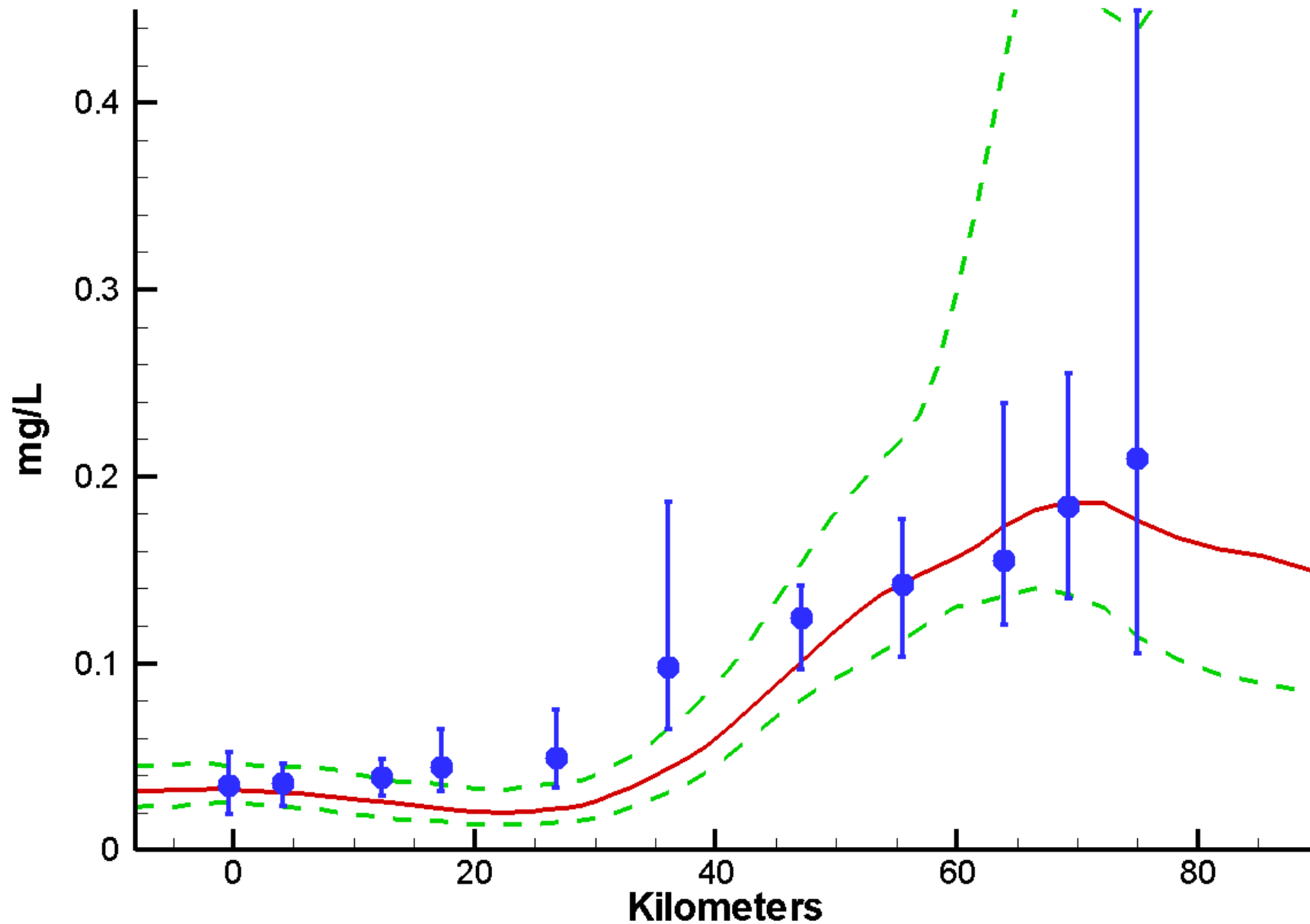
# Patuxent River Ches2015 Run118

## Bottom Total Phosphorus Summer 1999



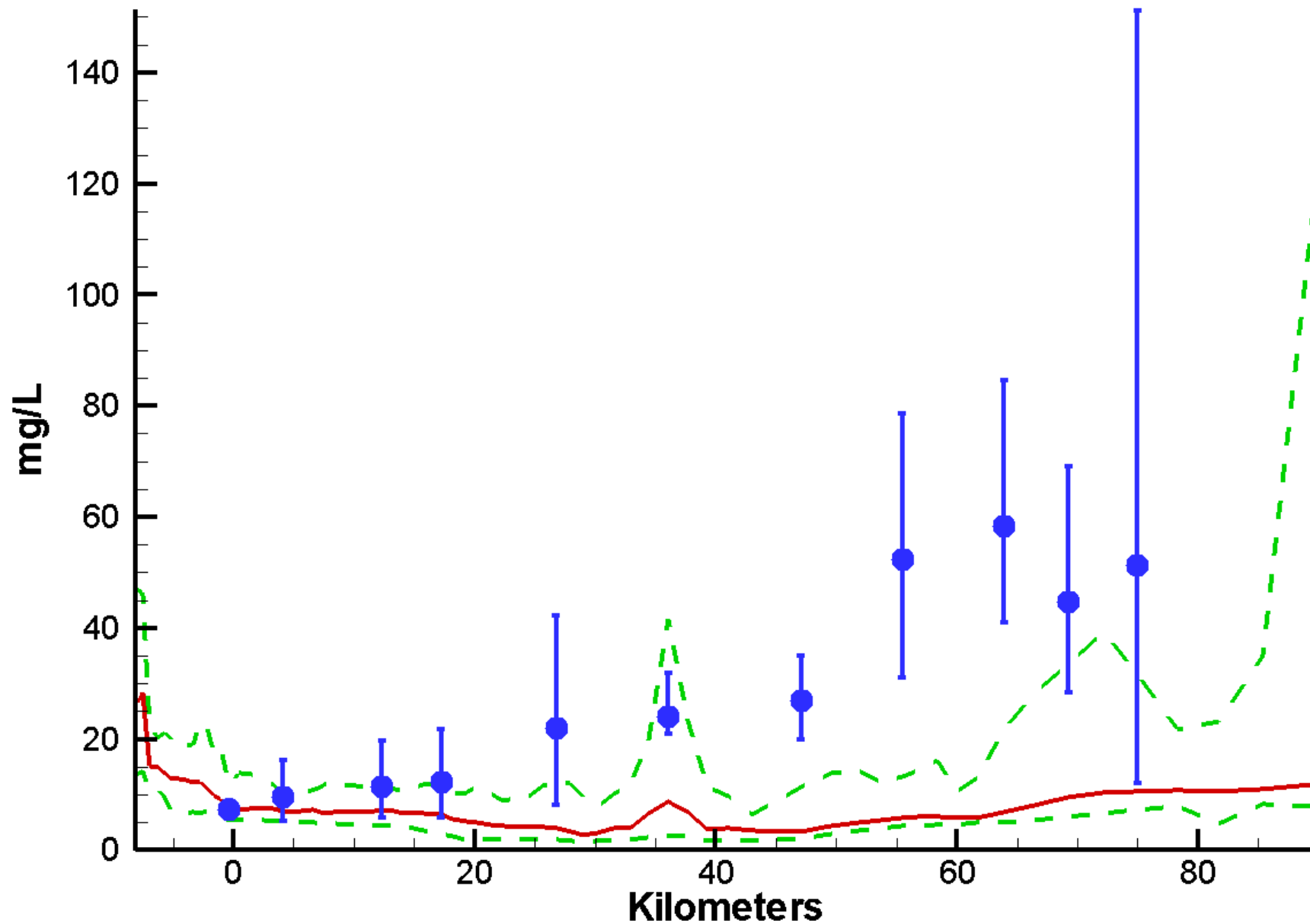
# Patuxent River Ches2015 Run118

## Surface Total Phosphorus Summer 1999



# Patuxent River Ches2015 Run118

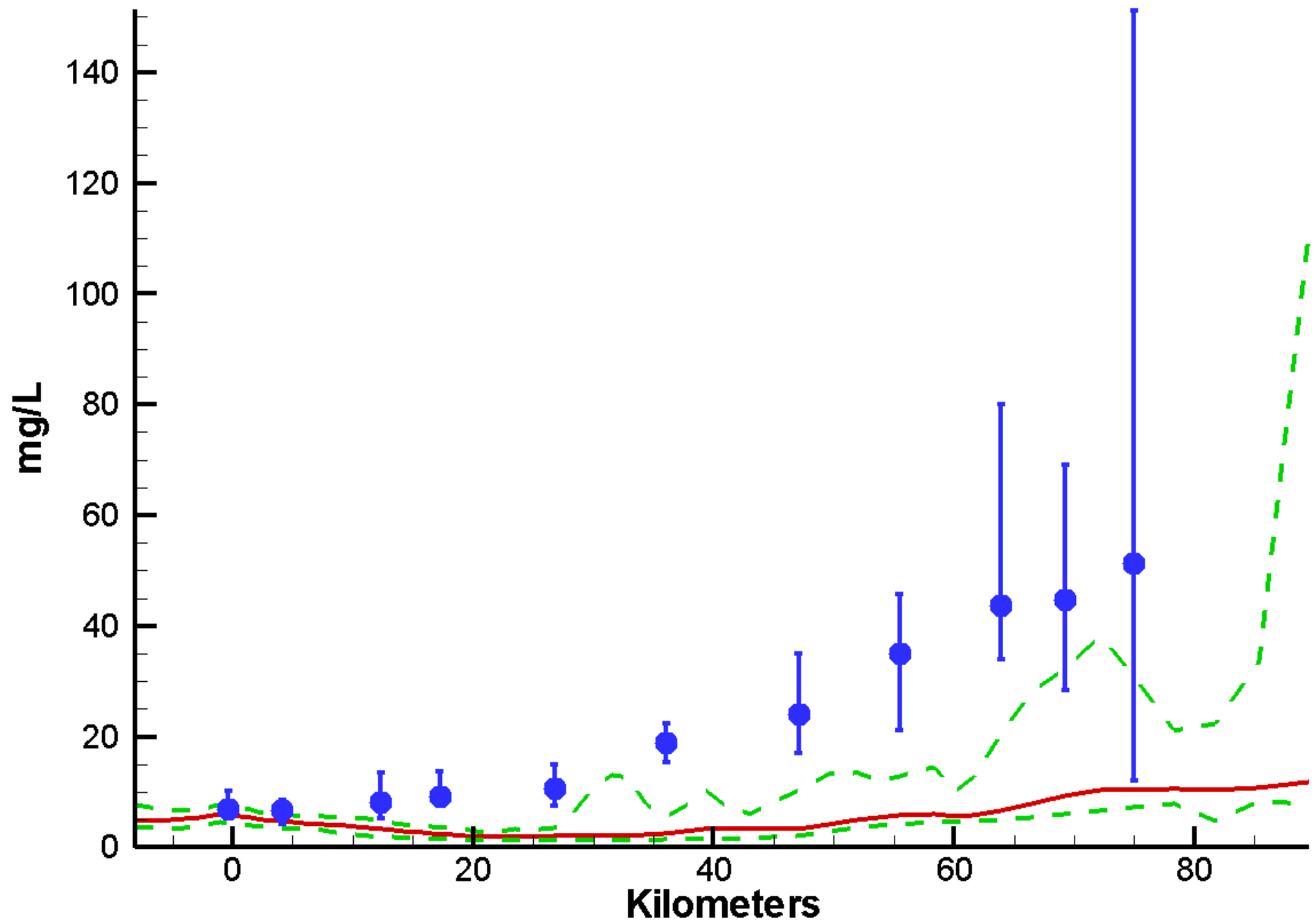
## Bottom Total Suspended Solids Summer 1999





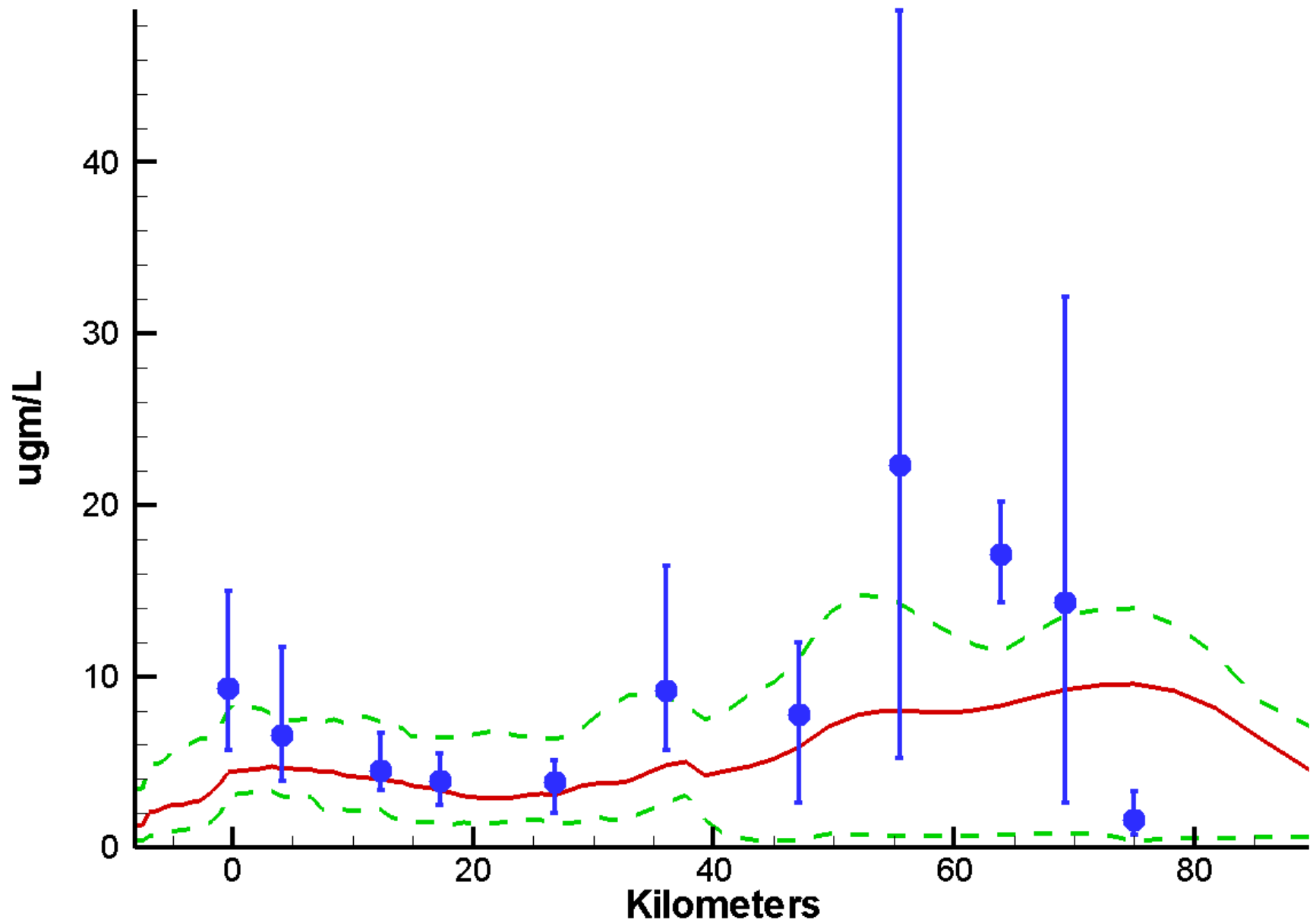
# Patuxent River Ches2015 Run118

## Surface Total Suspended Solids Summer 1999



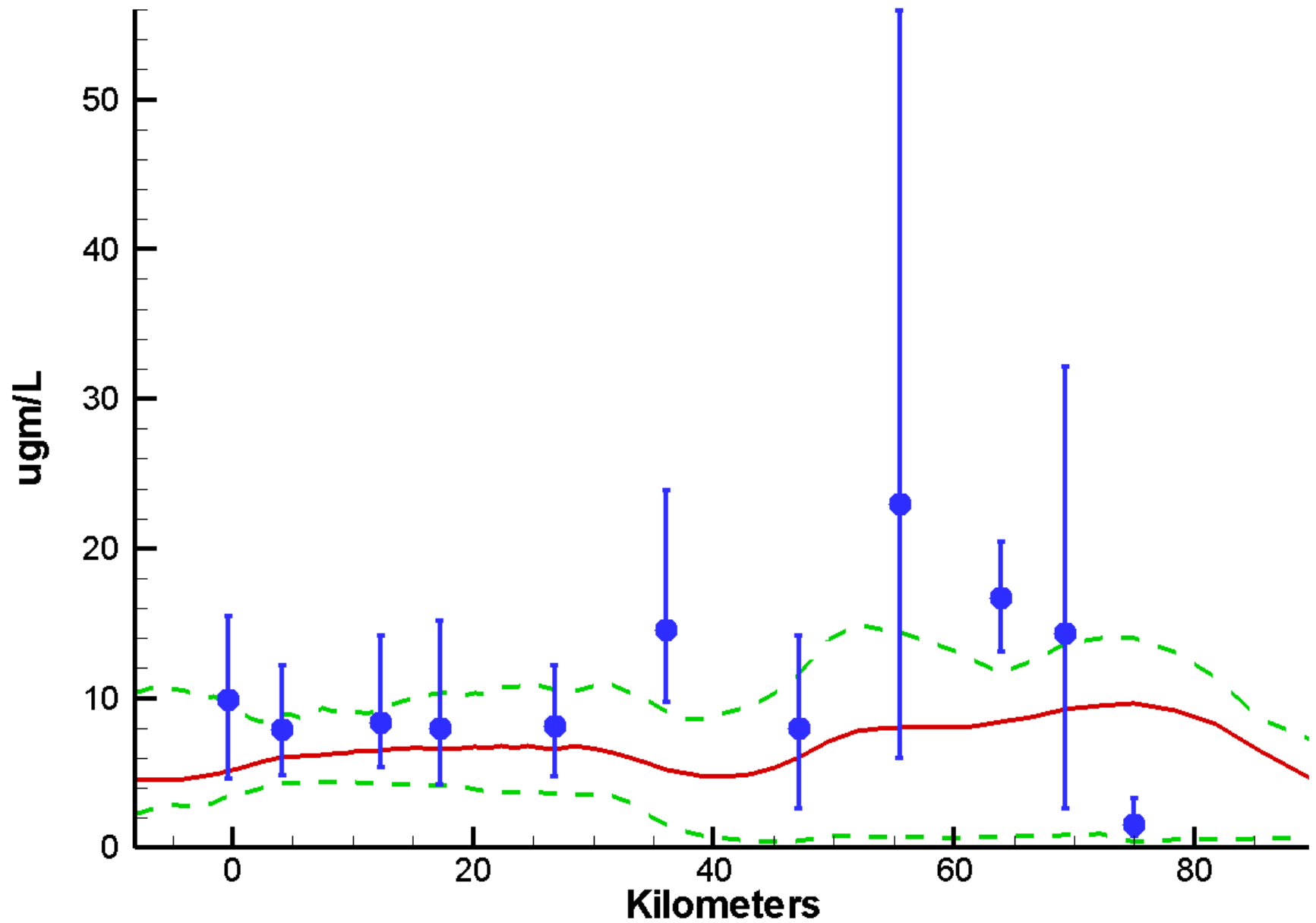
# Patuxent River Ches2015 Run118

## Bottom Chlorophyll Fall 1999



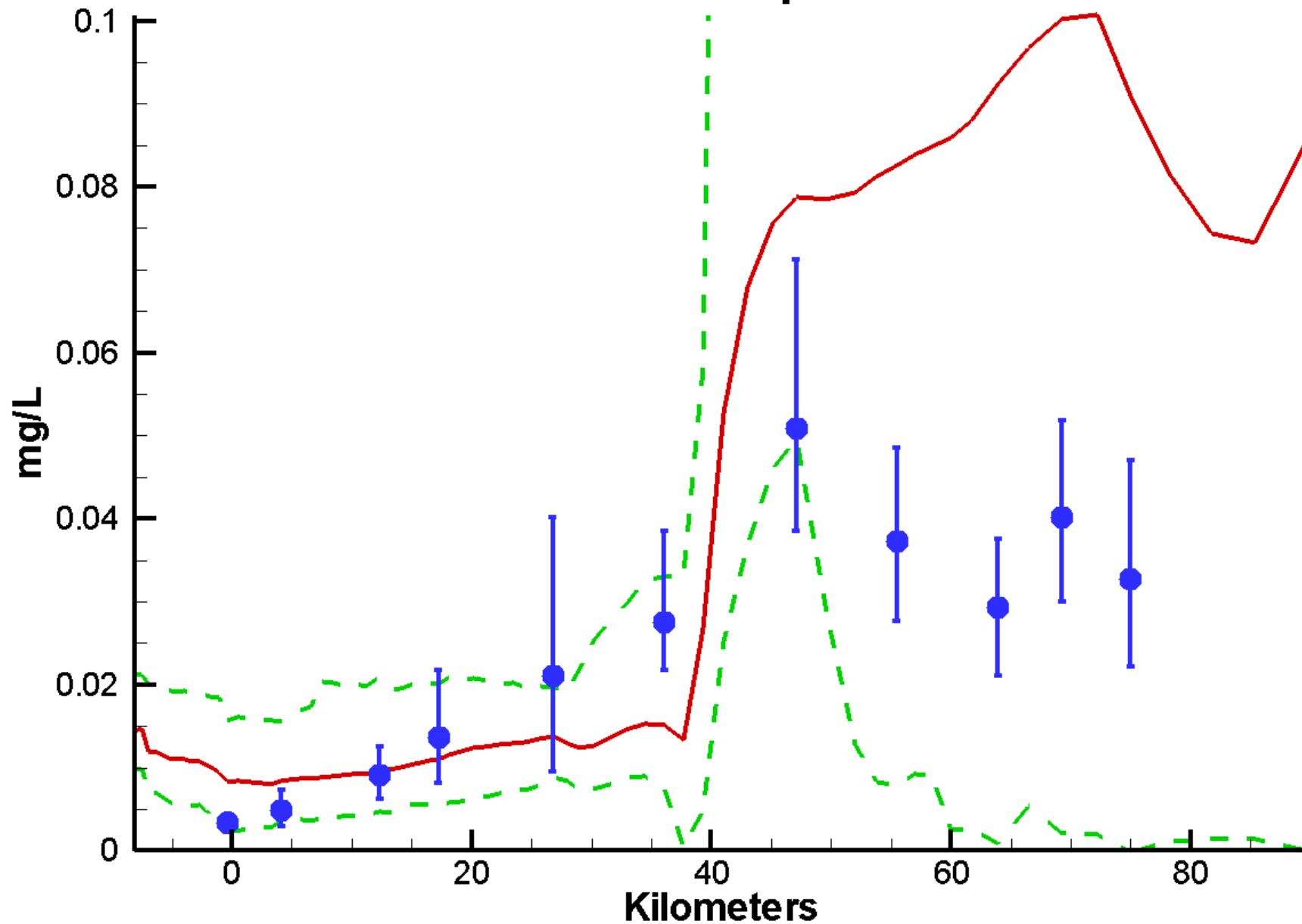
# Patuxent River Ches2015 Run118

## Surface Chlorophyll Fall 1999



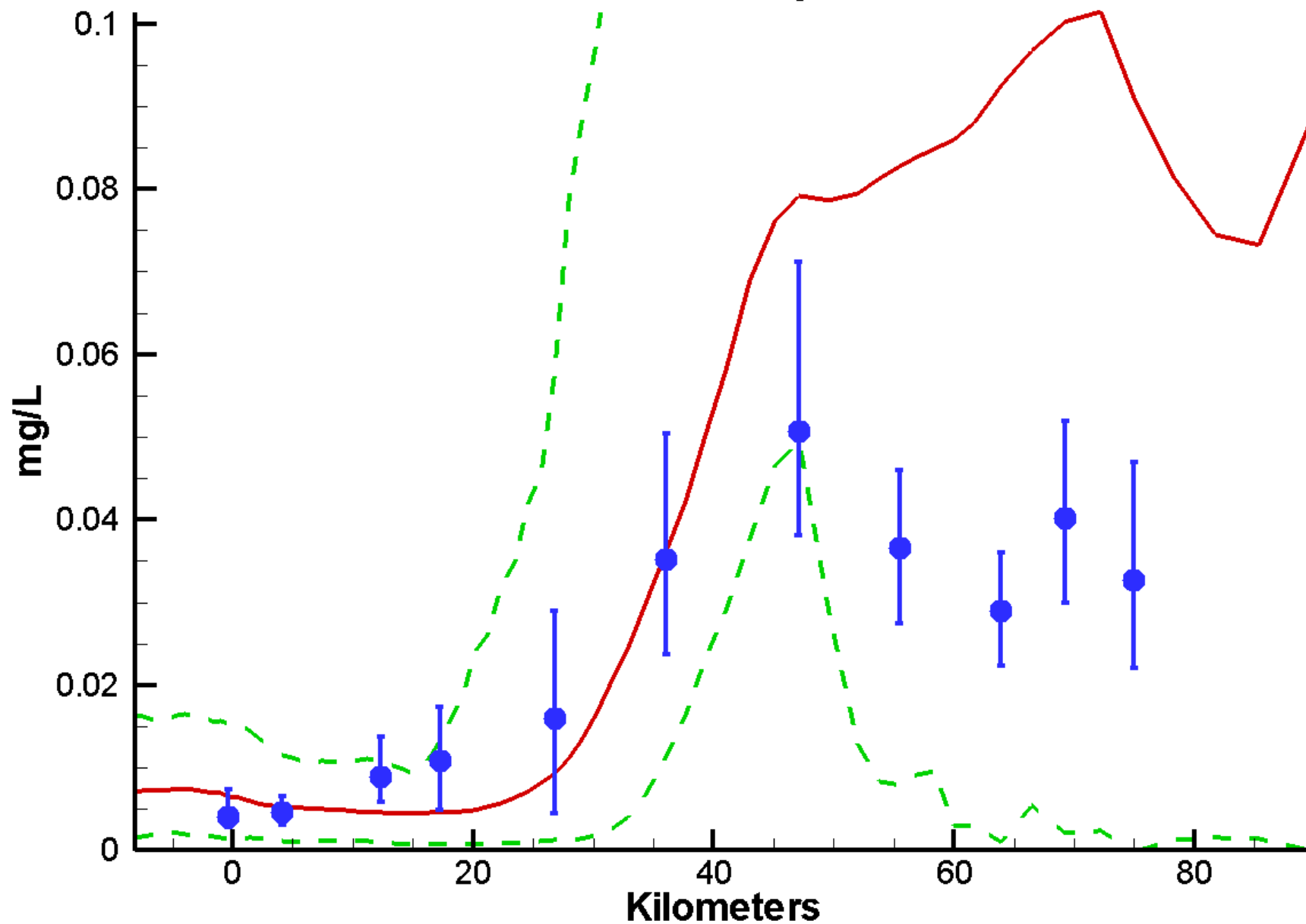
# Patuxent River Ches2015 Run118

## Bottom Dissolved Phosphate Fall 1999



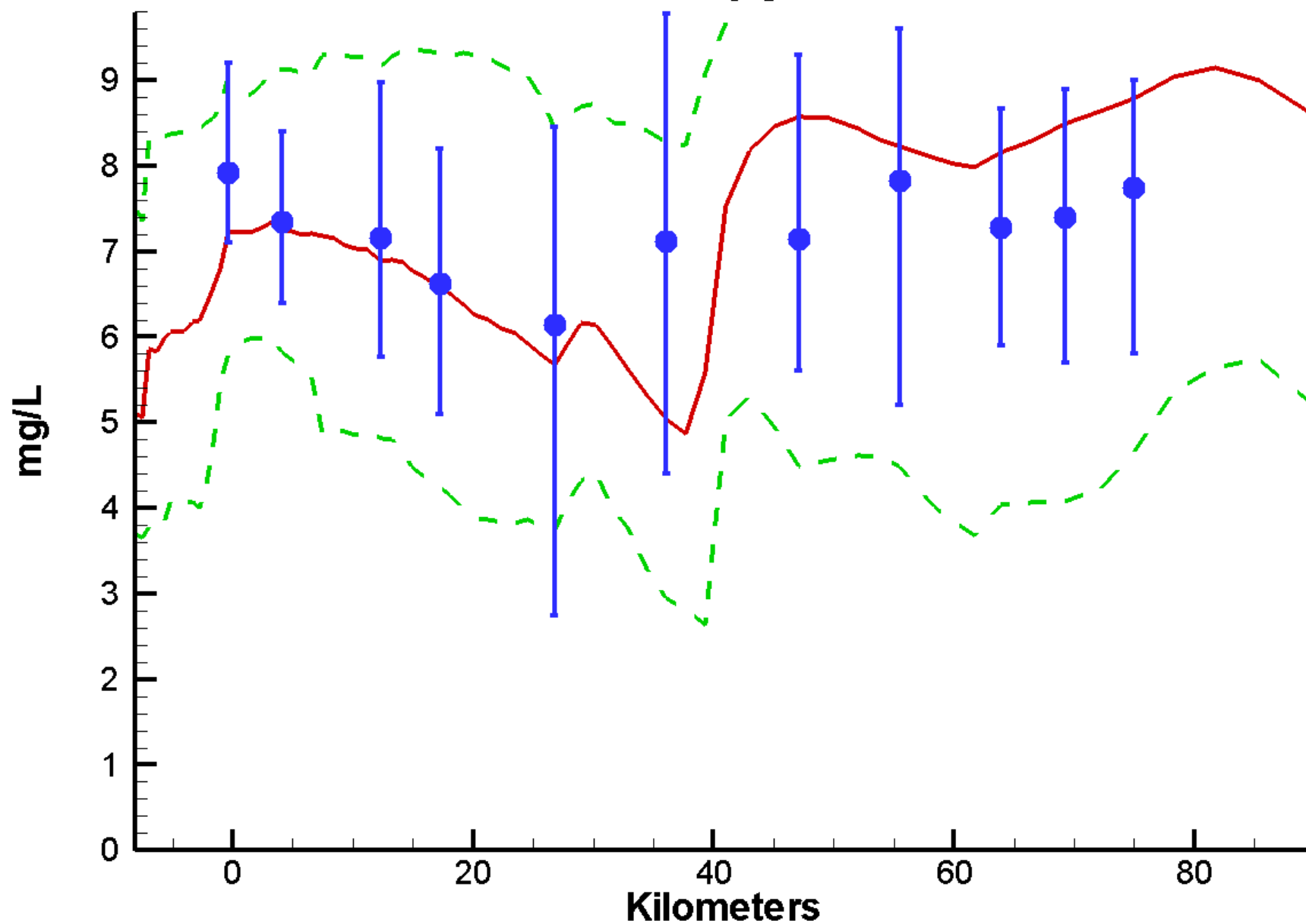
# Patuxent River Ches2015 Run118

## Surface Dissolved Phosphate Fall 1999



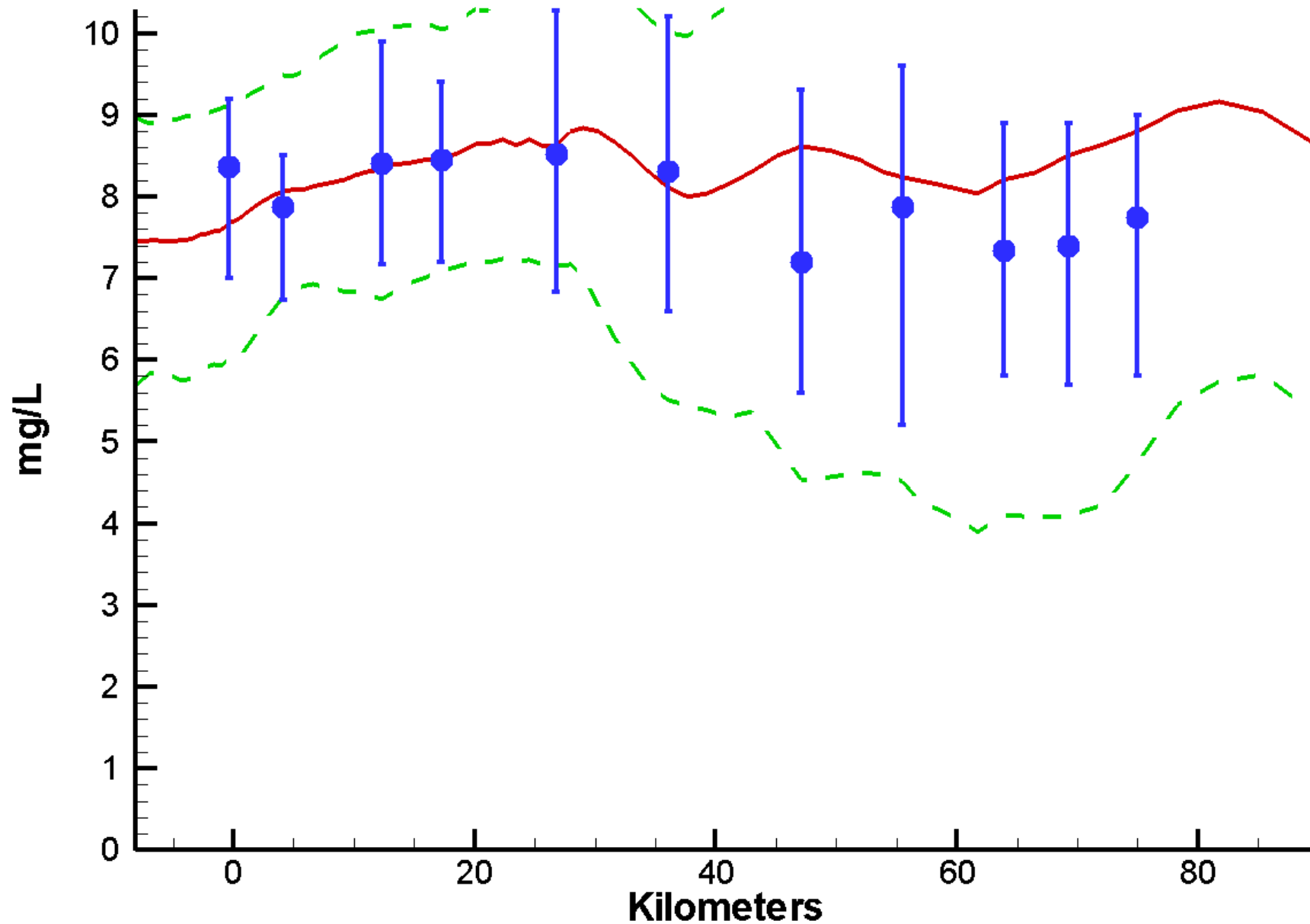
# Patuxent River Ches2015 Run118

## Bottom Dissolved Oxygen Fall 1999



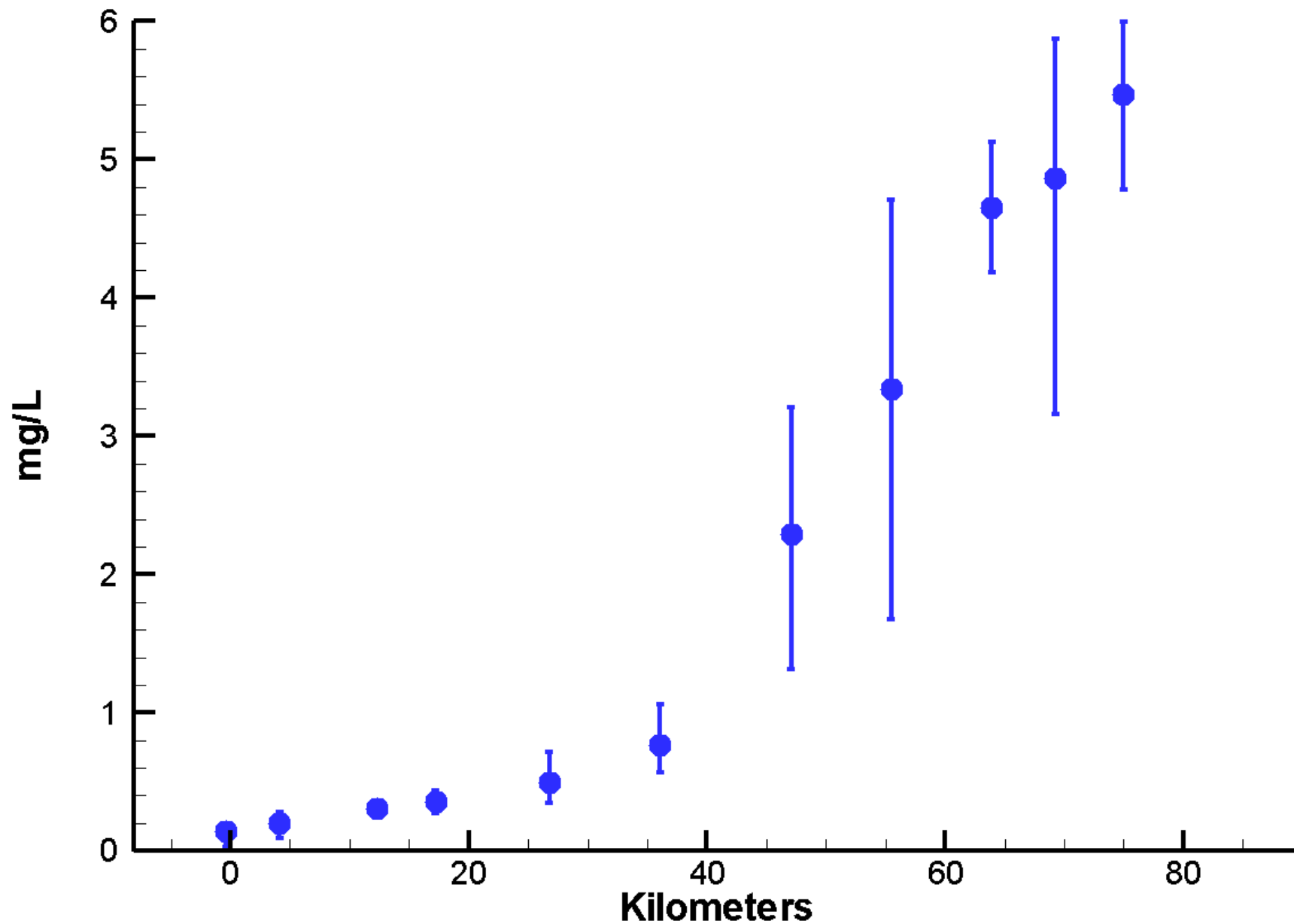
# Patuxent River Ches2015 Run118

## Surface Dissolved Oxygen Fall 1999



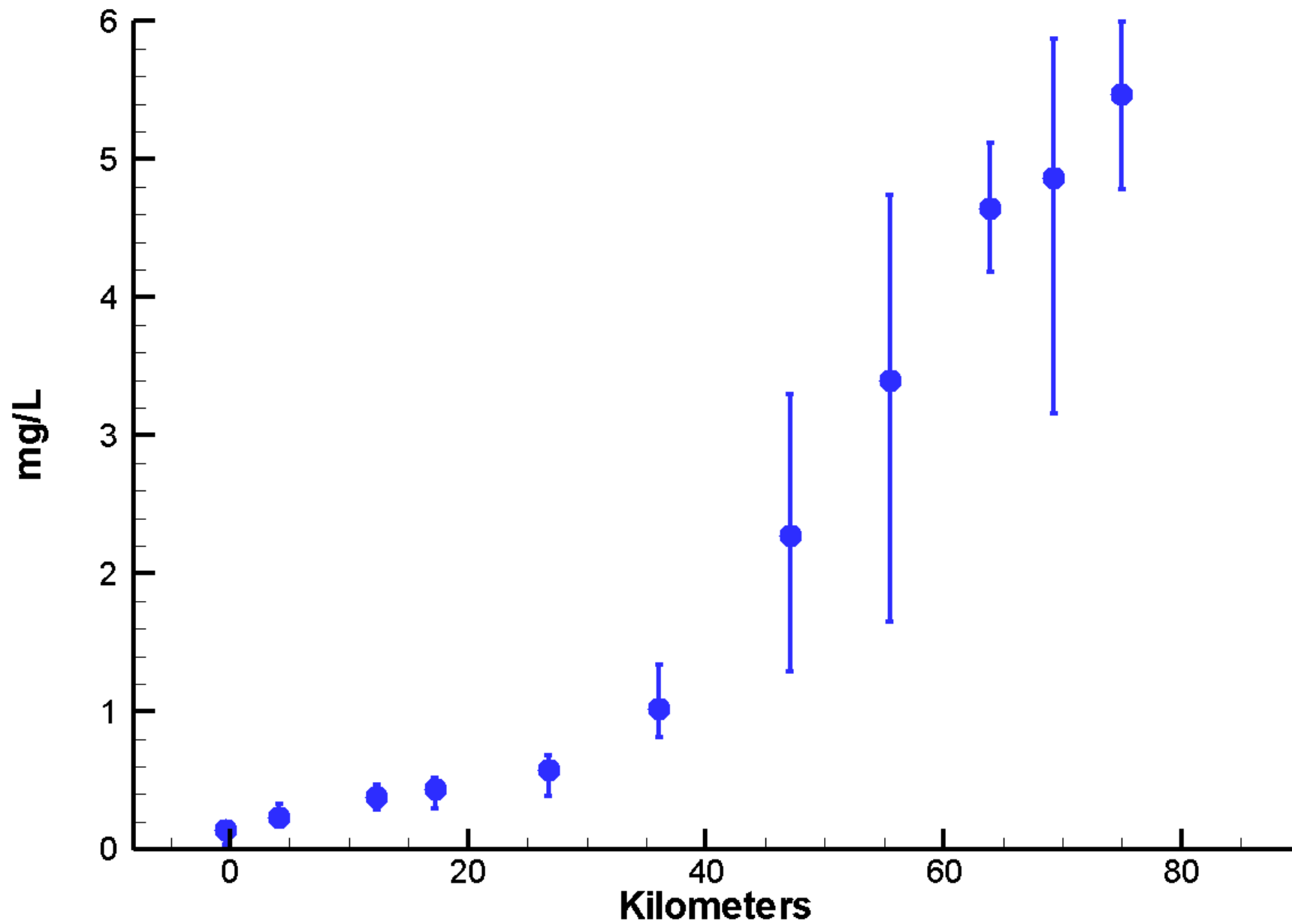
# Patuxent River Ches2015 Run118

## Bottom Dissolved Silica Fall 1999



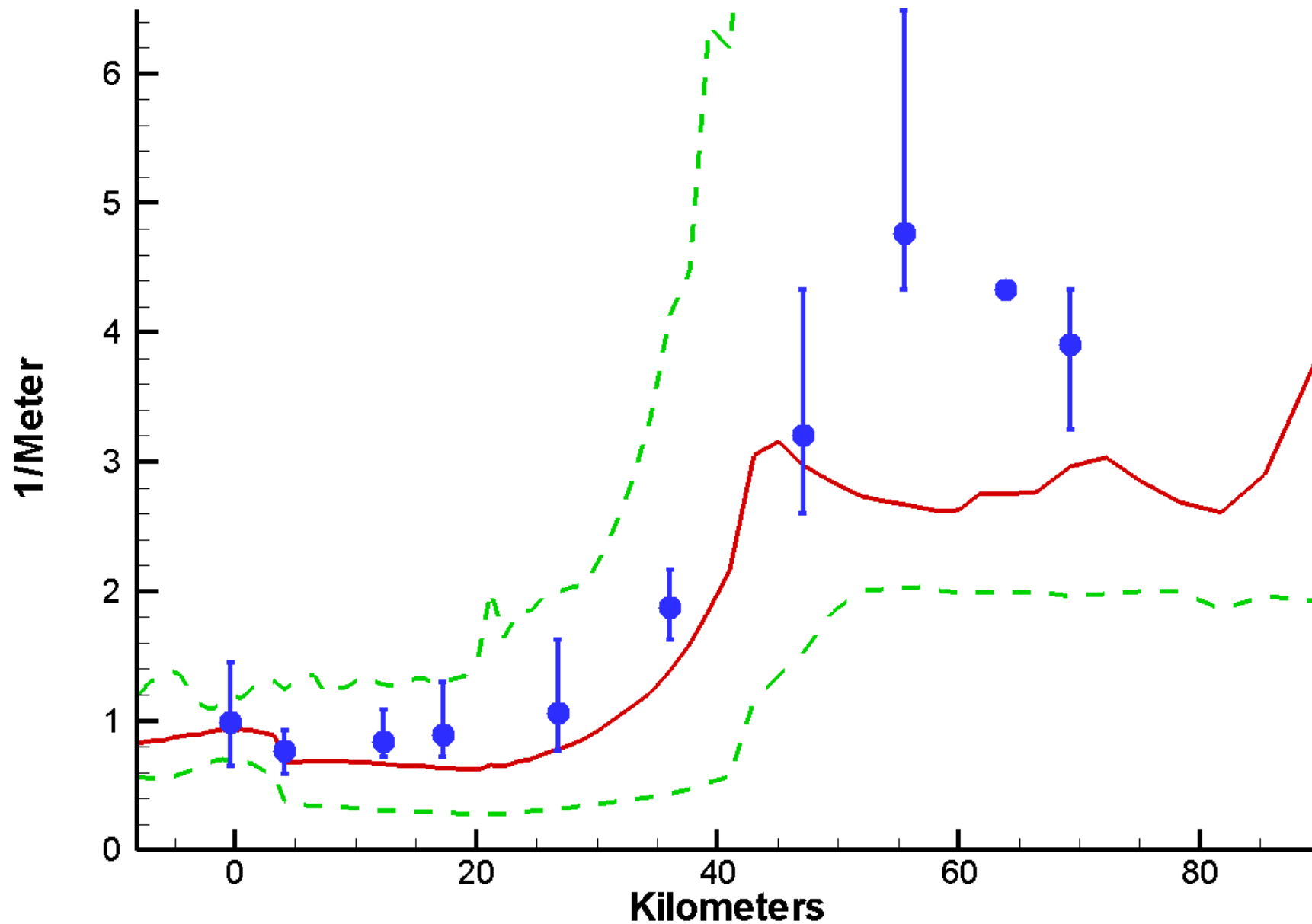


# Patuxent River Ches2015 Run118 Surface Dissolved Silica Fall 1999



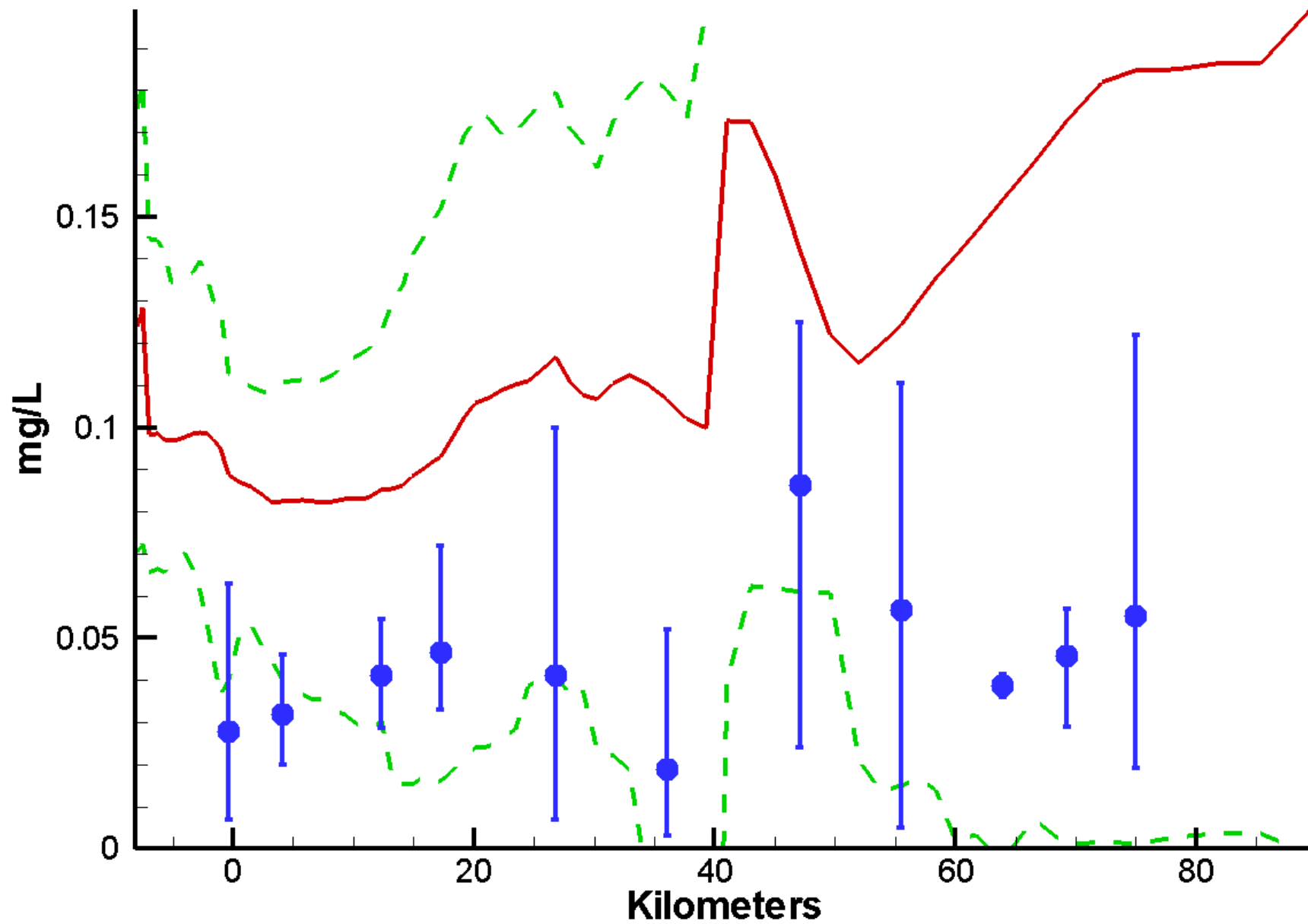
# Patuxent River Ches2015 Run118

## Surface Light Extinction Fall 1999



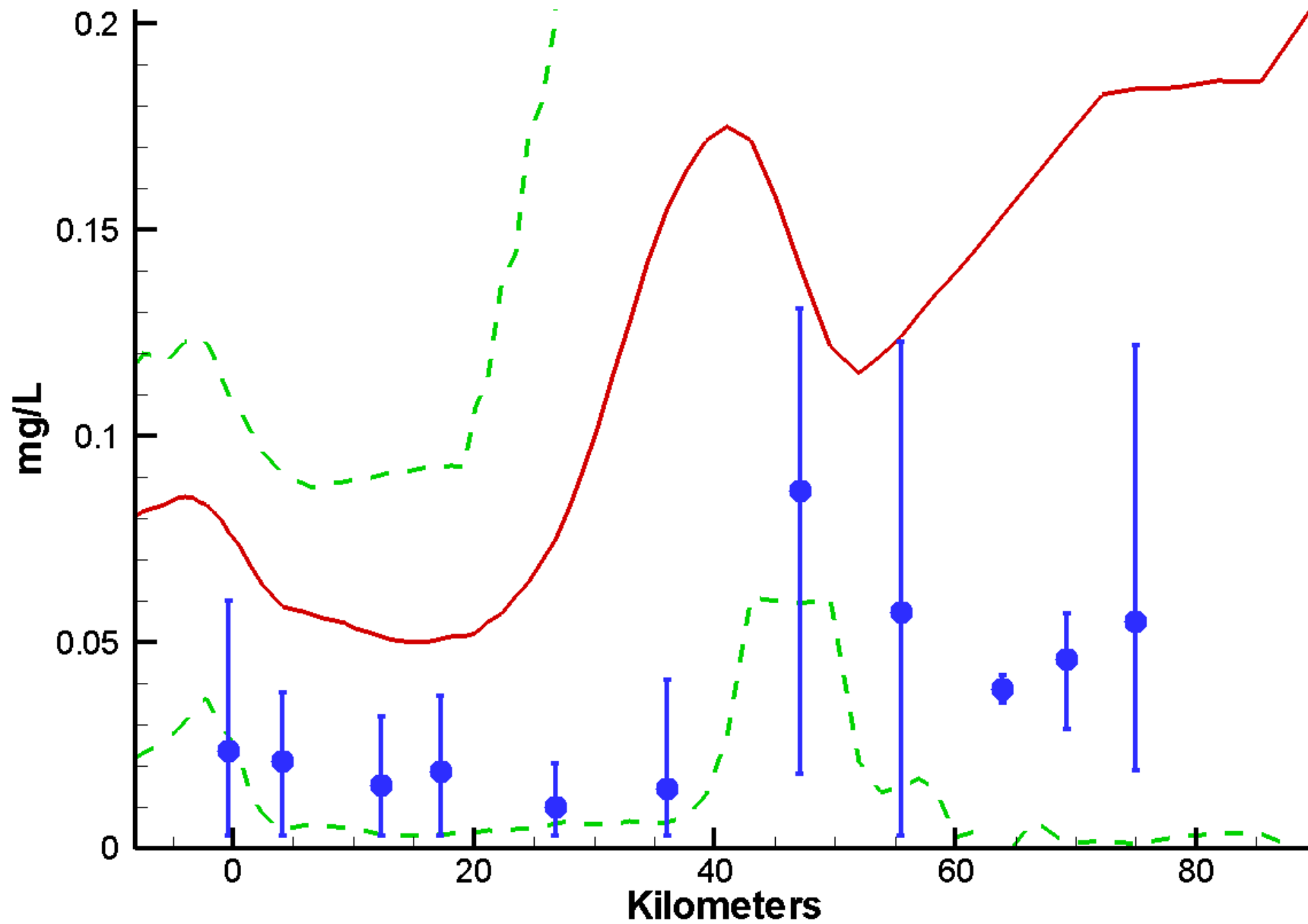
# Patuxent River Ches2015 Run118

## Bottom Ammonium Fall 1999



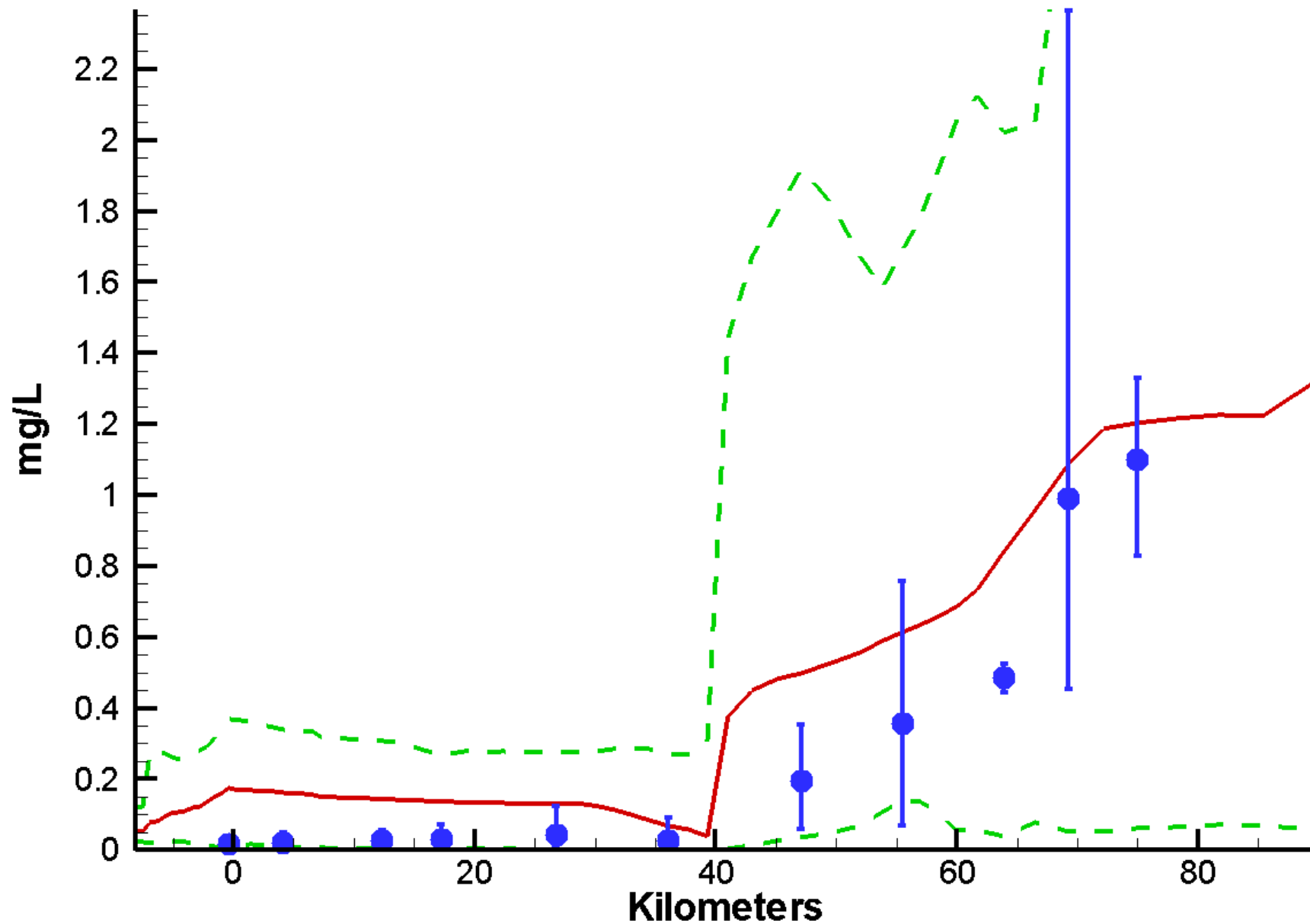
# Patuxent River Ches2015 Run118

## Surface Ammonium Fall 1999



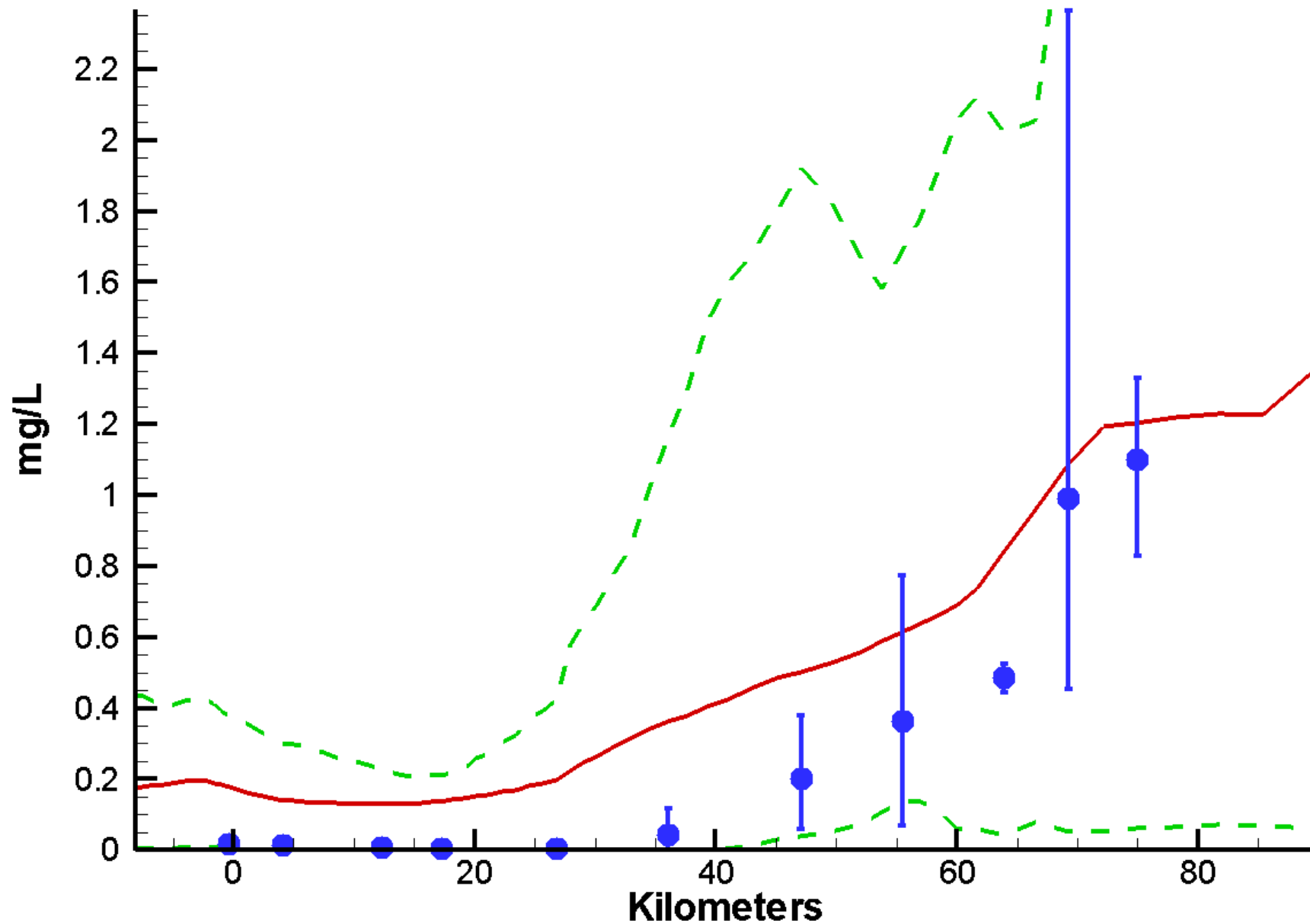
# Patuxent River Ches2015 Run118

## Bottom Nitrate Fall 1999



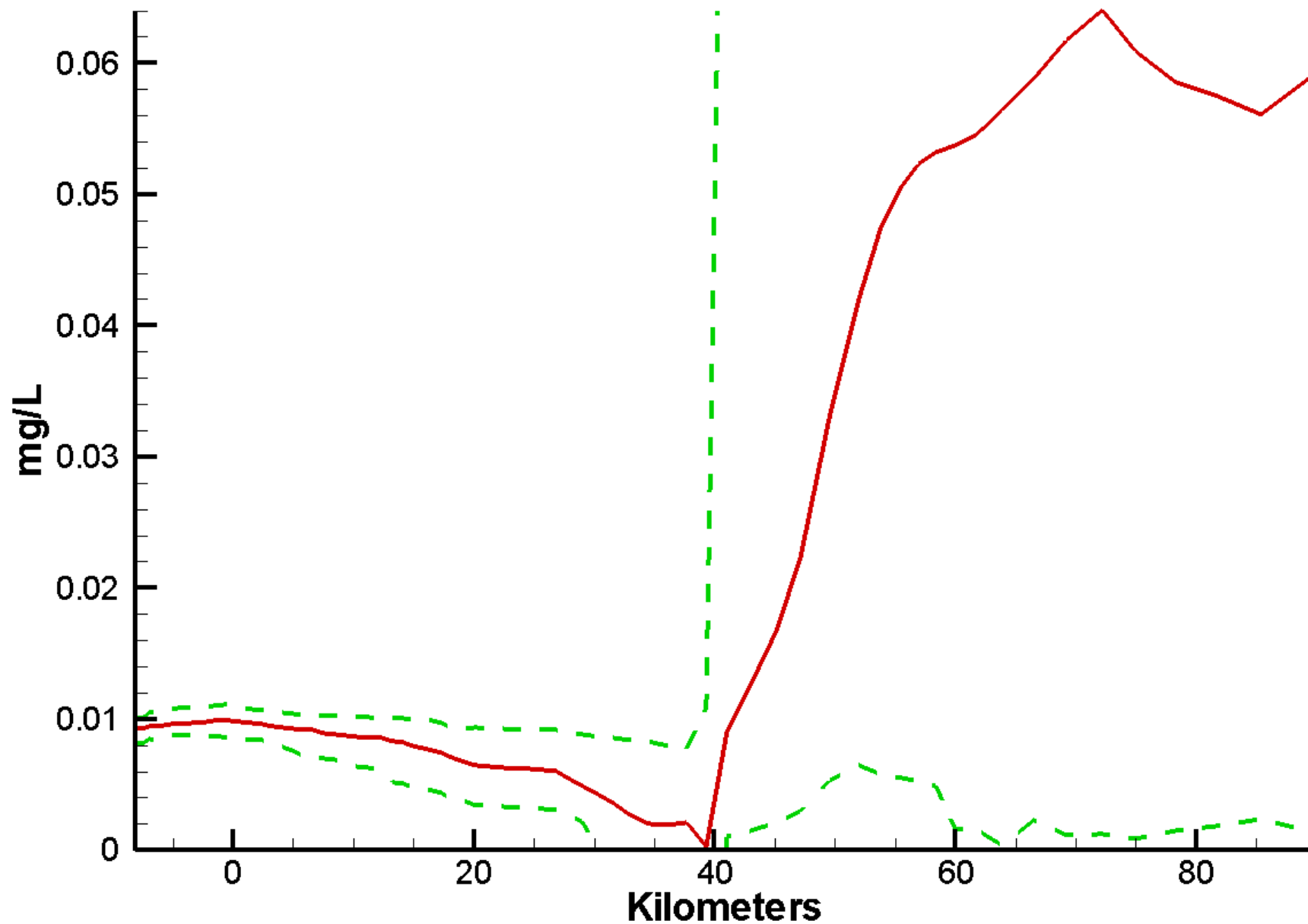
# Patuxent River Ches2015 Run118

## Surface Nitrate Fall 1999



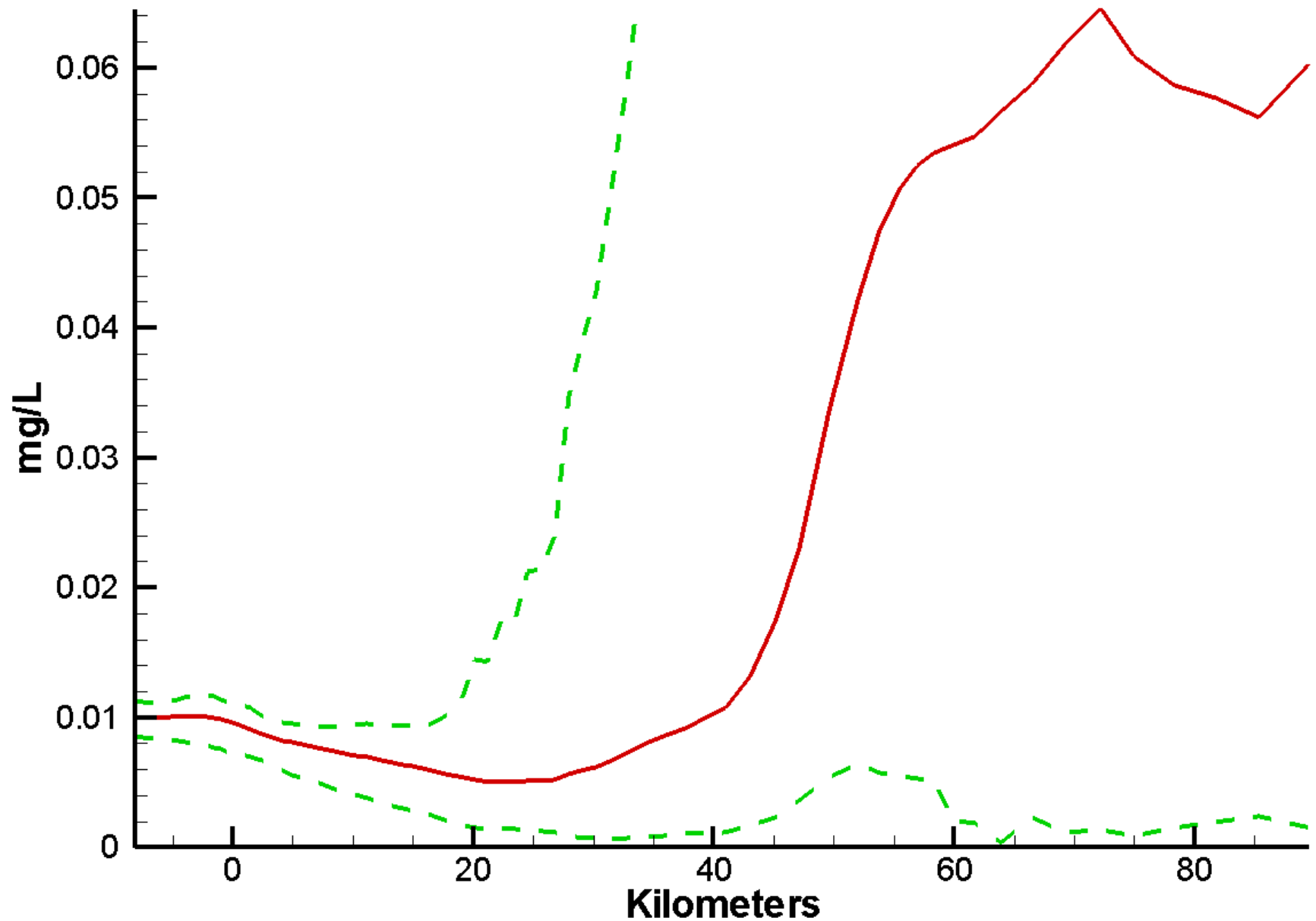
# Patuxent River Ches2015 Run118

## Bottom Particulate Inorganic Phosphorus Fall 1999



# Patuxent River Ches2015 Run118

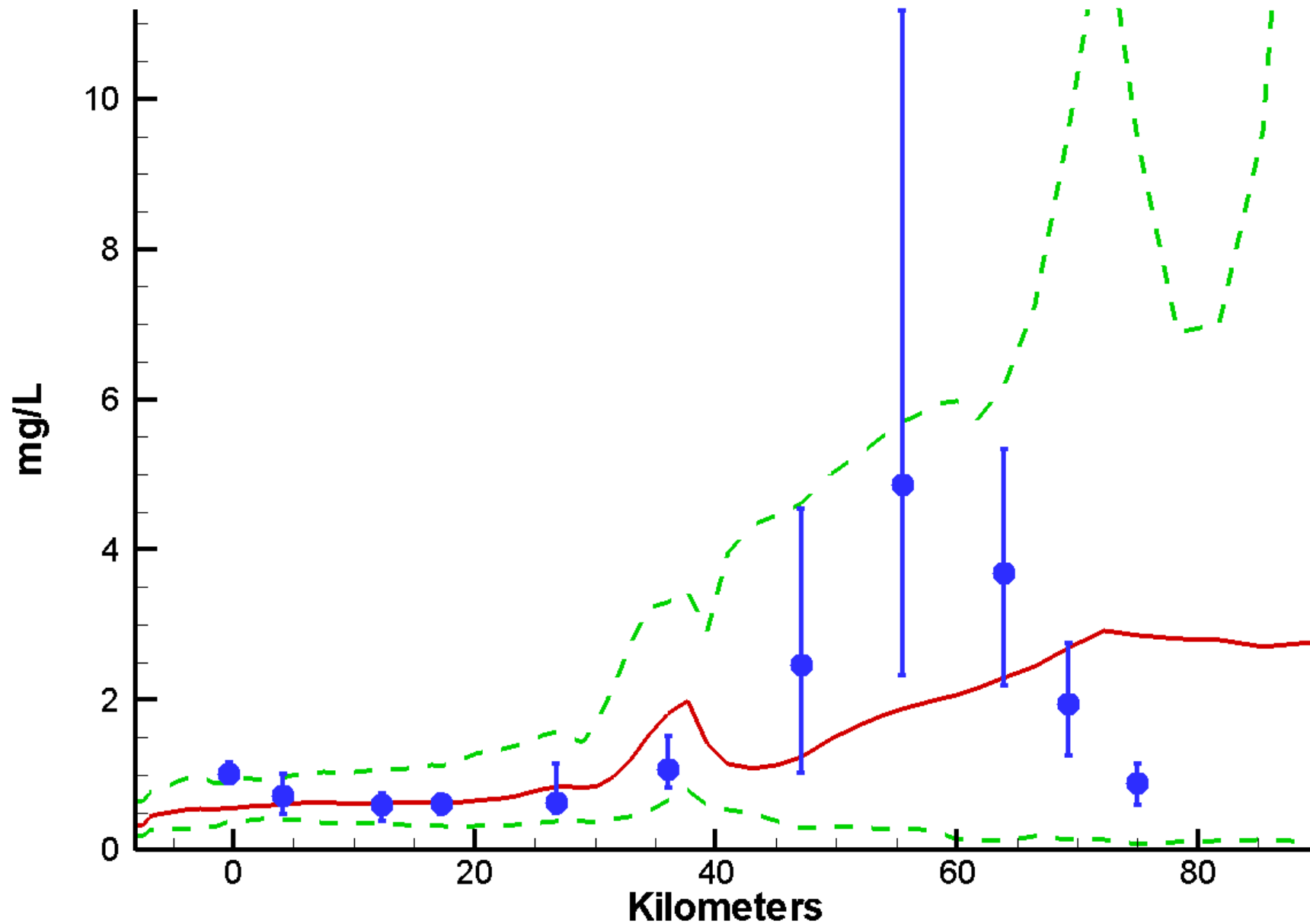
## Surface Particulate Inorganic Phosphorus Fall 1999





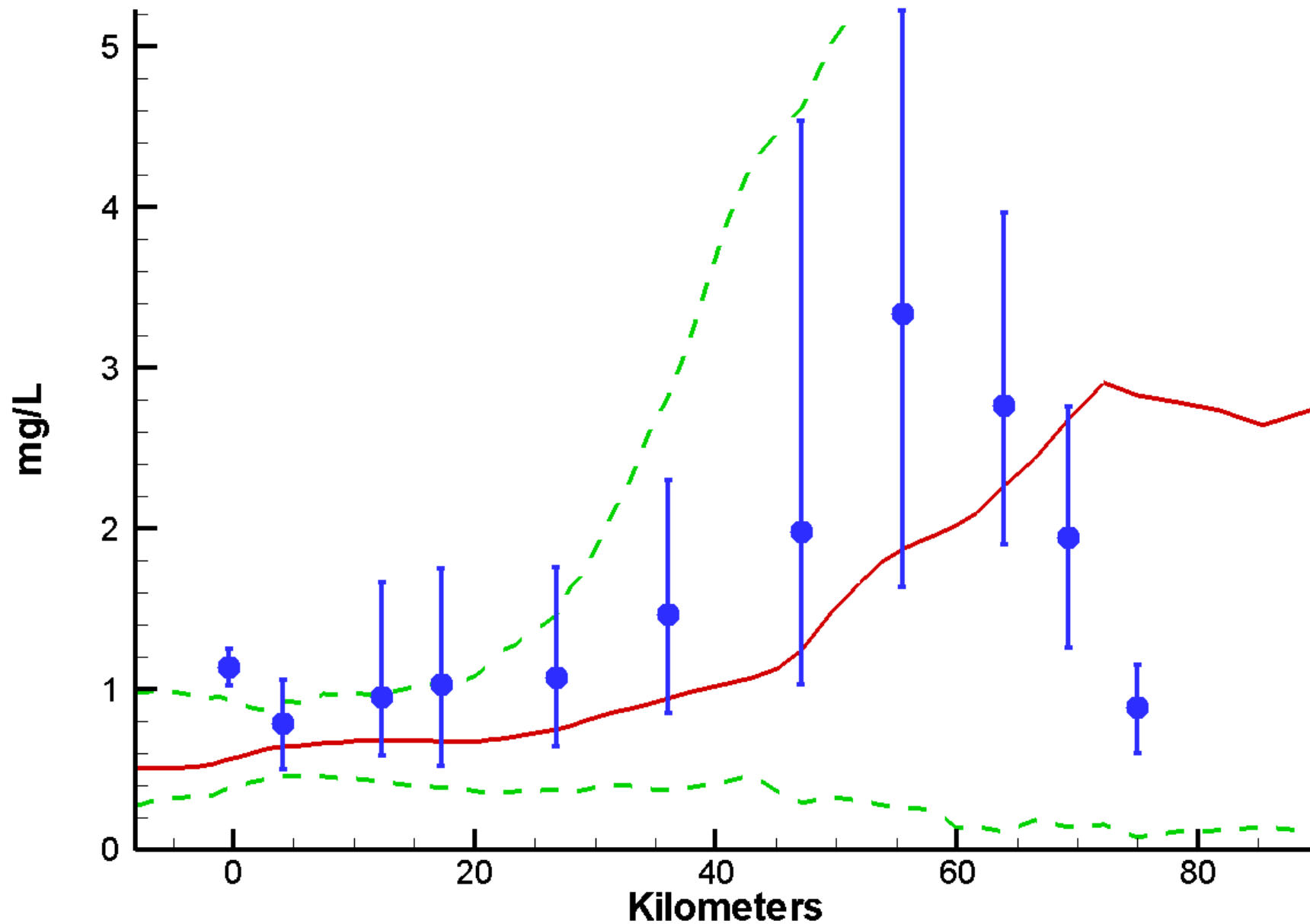
# Patuxent River Ches2015 Run118

## Bottom Particulate Organic Carbon Fall 1999



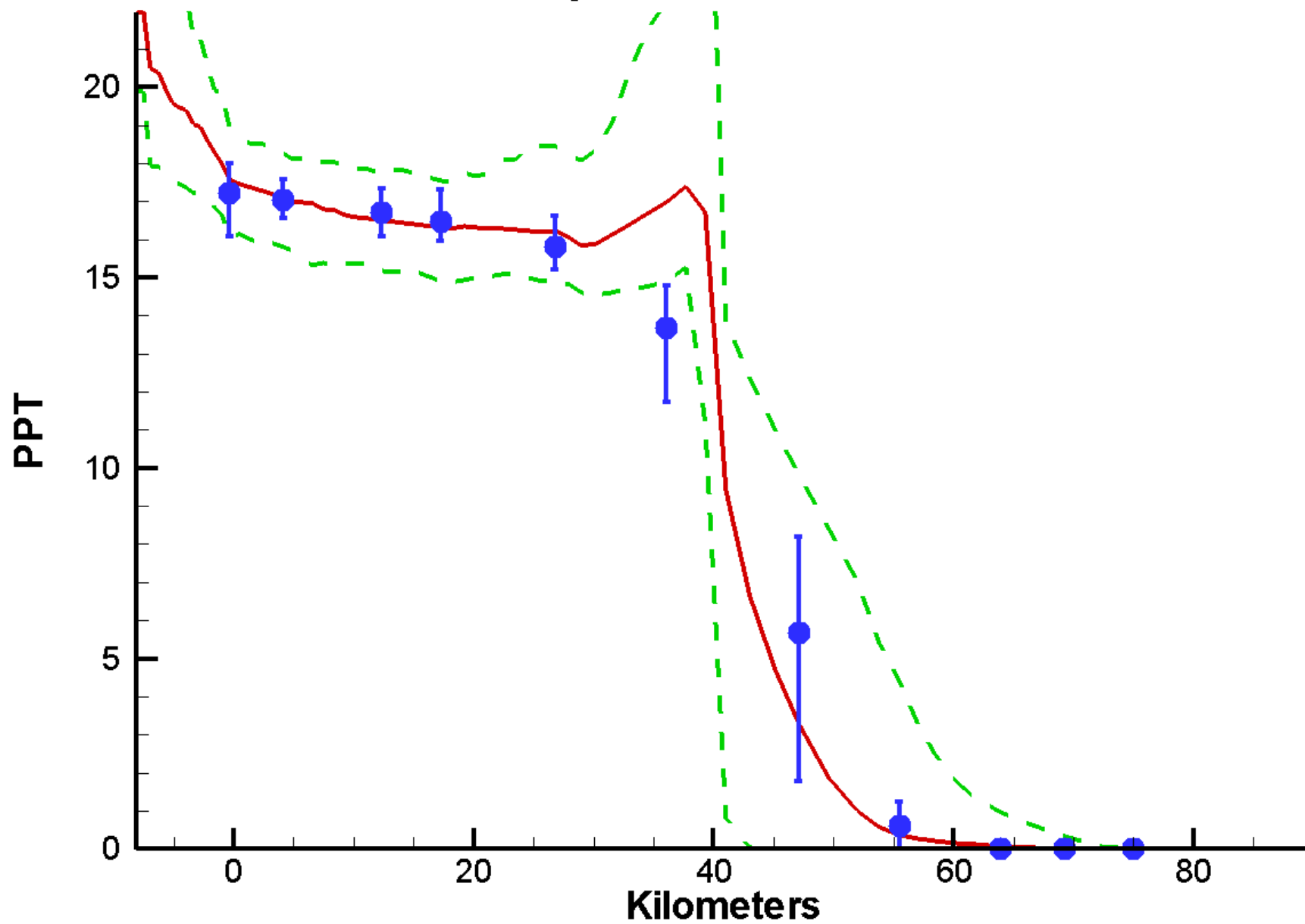
# Patuxent River Ches2015 Run118

## Surface Particulate Organic Carbon Fall 1999



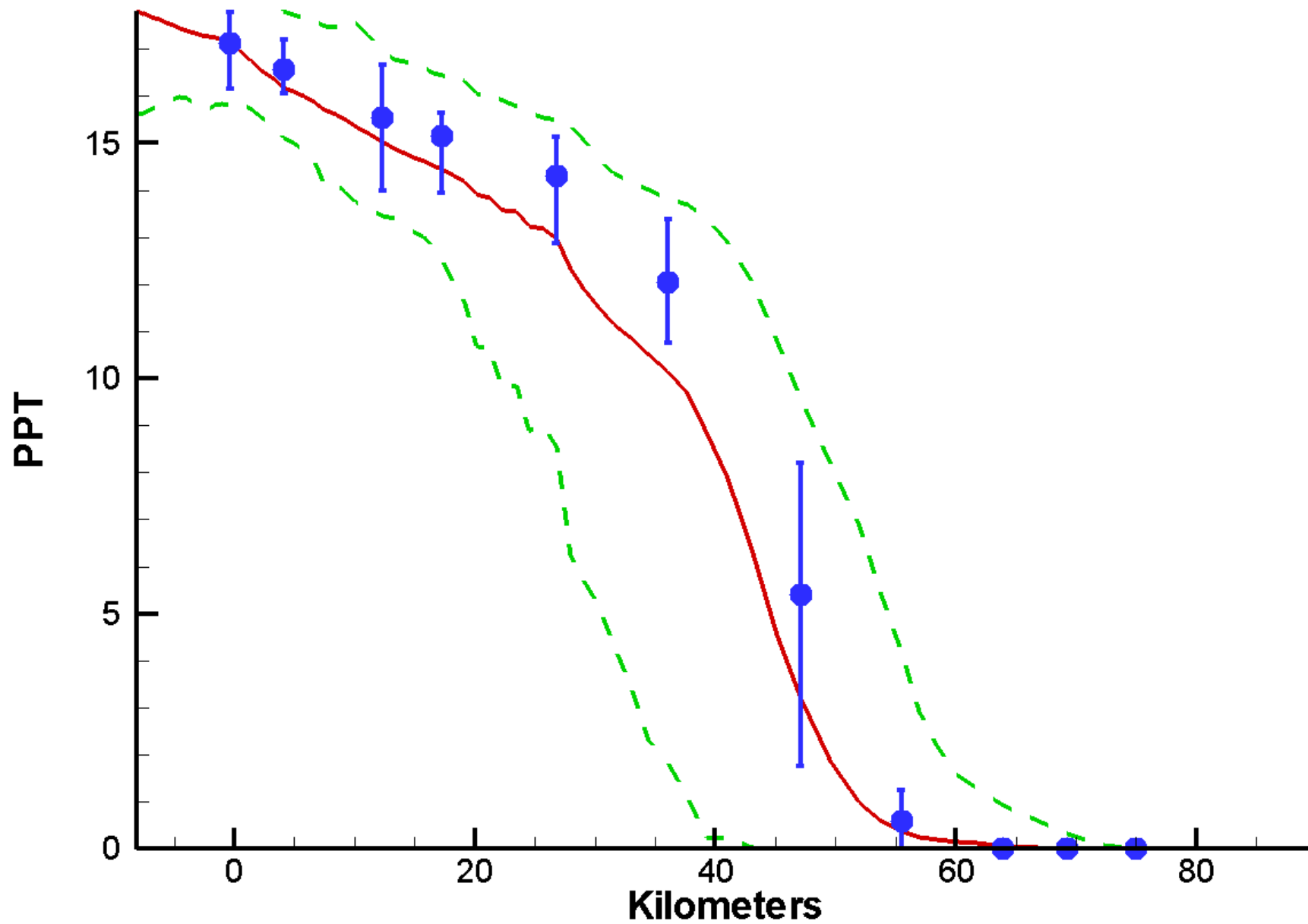
# Patuxent River Ches2015 Run118

## Bottom Salinity Fall 1999



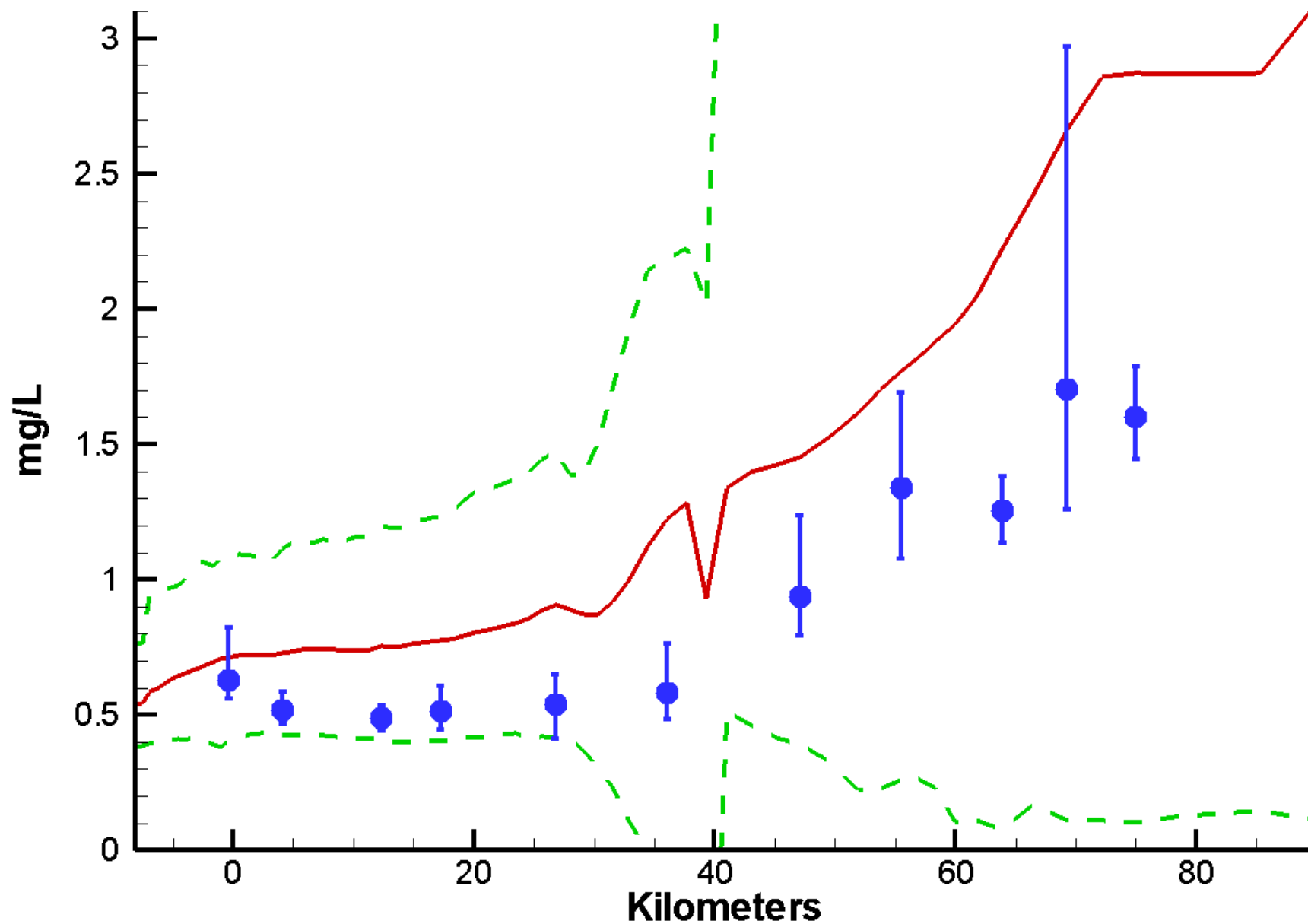
# Patuxent River Ches2015 Run118

## Surface Salinity Fall 1999



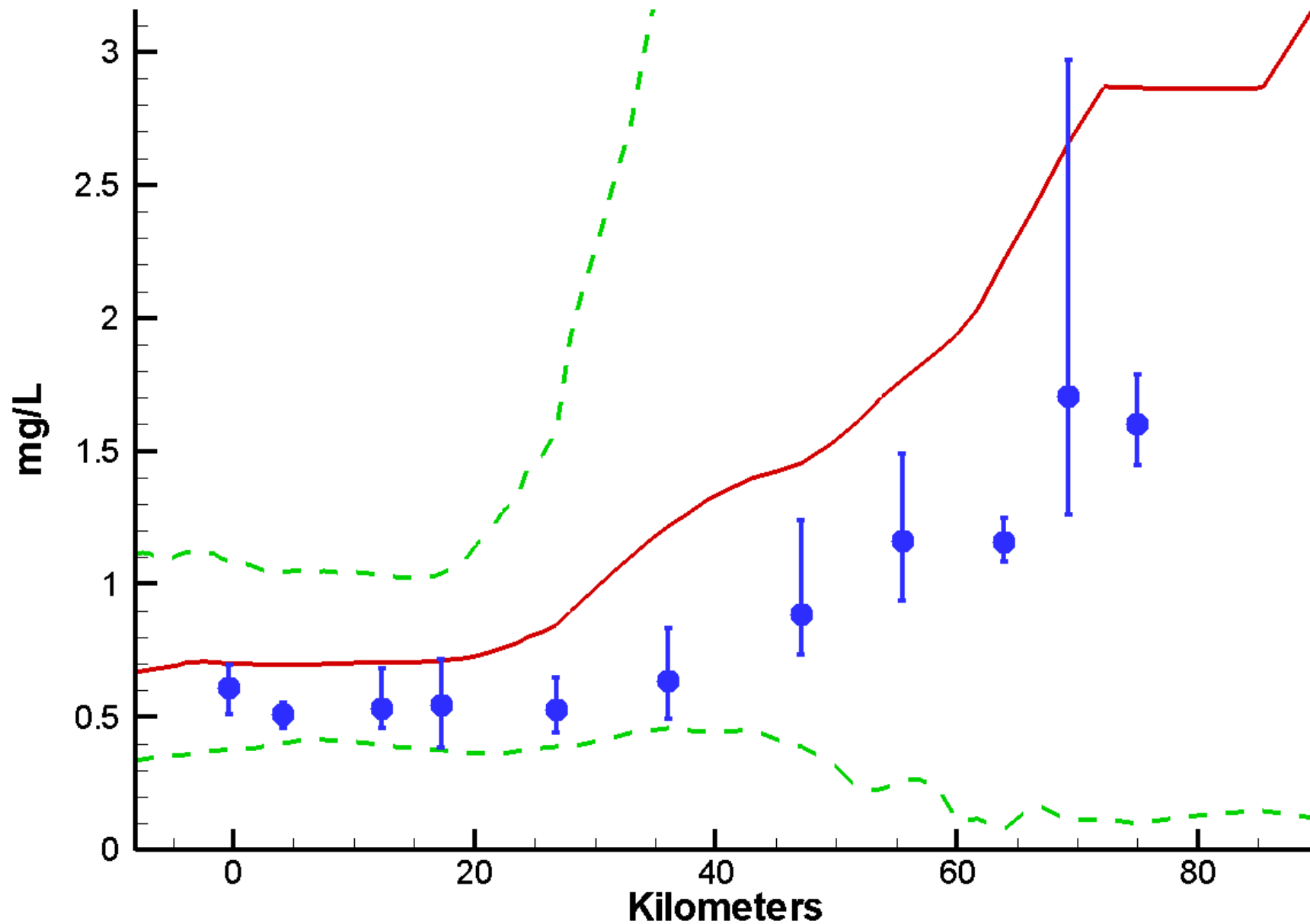
# Patuxent River Ches2015 Run118

## Bottom Total Nitrogen Fall 1999



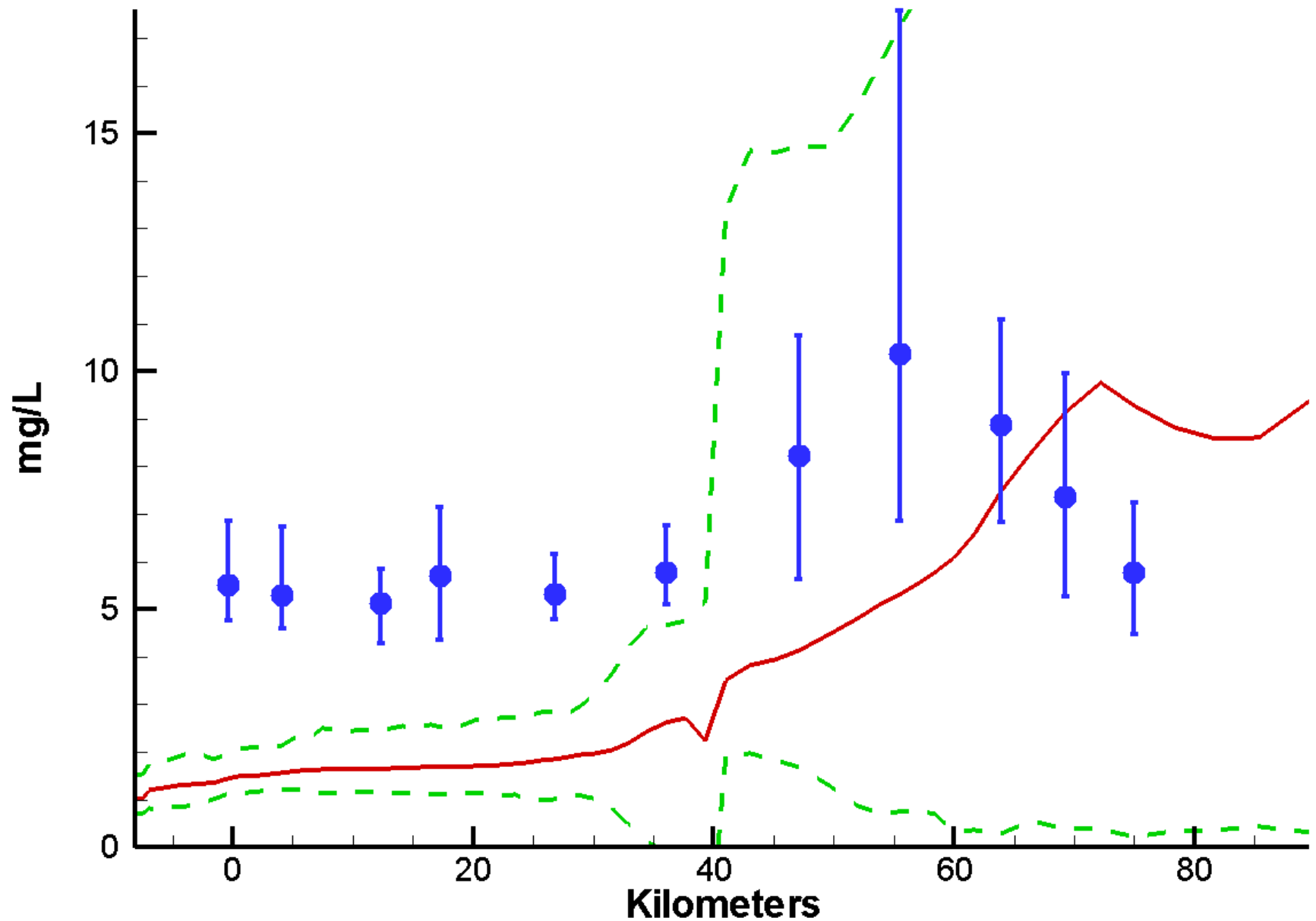
# Patuxent River Ches2015 Run118

## Surface Total Nitrogen Fall 1999



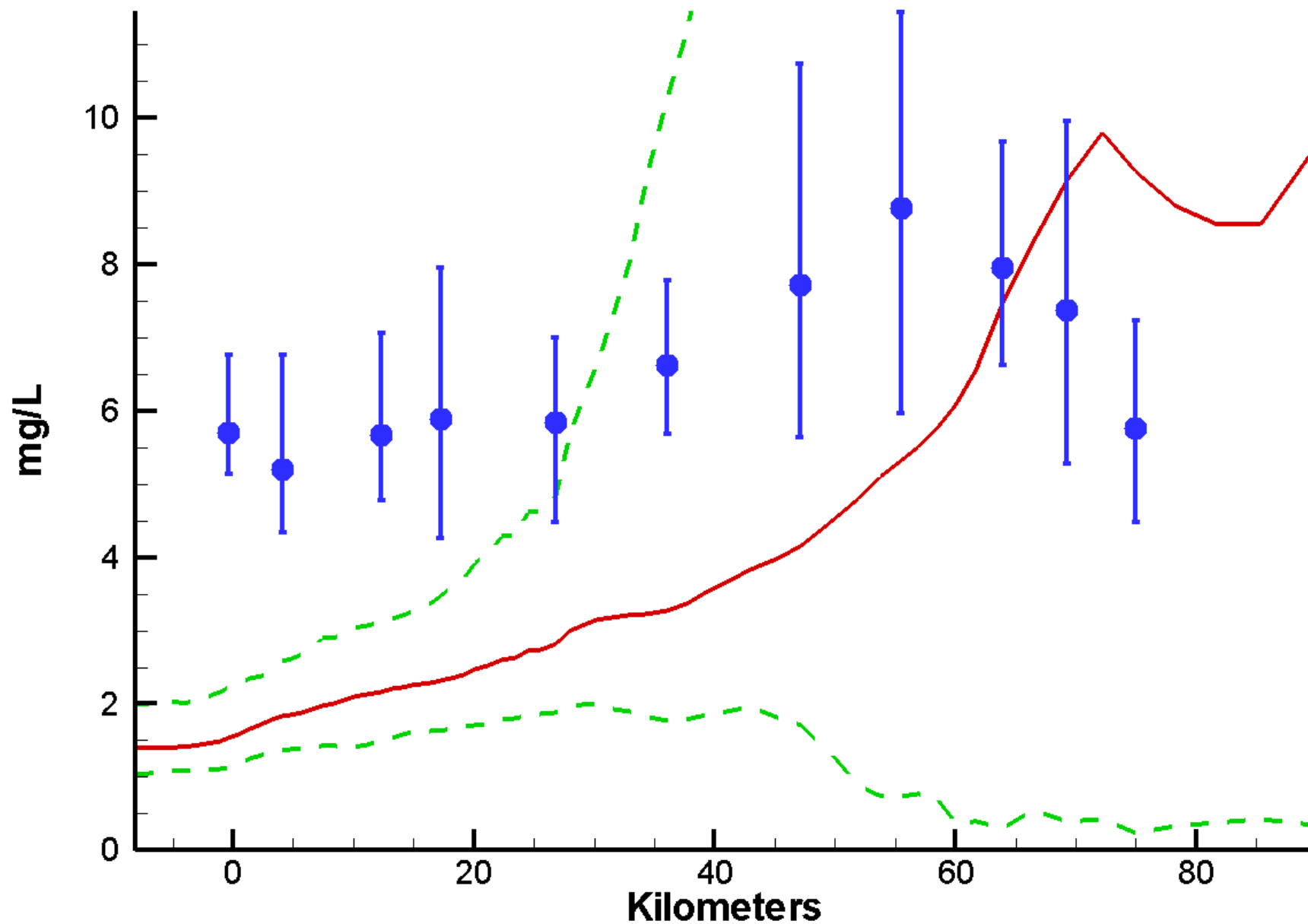
# Patuxent River Ches2015 Run118

## Bottom Total Organic Carbon Fall 1999



# Patuxent River Ches2015 Run118

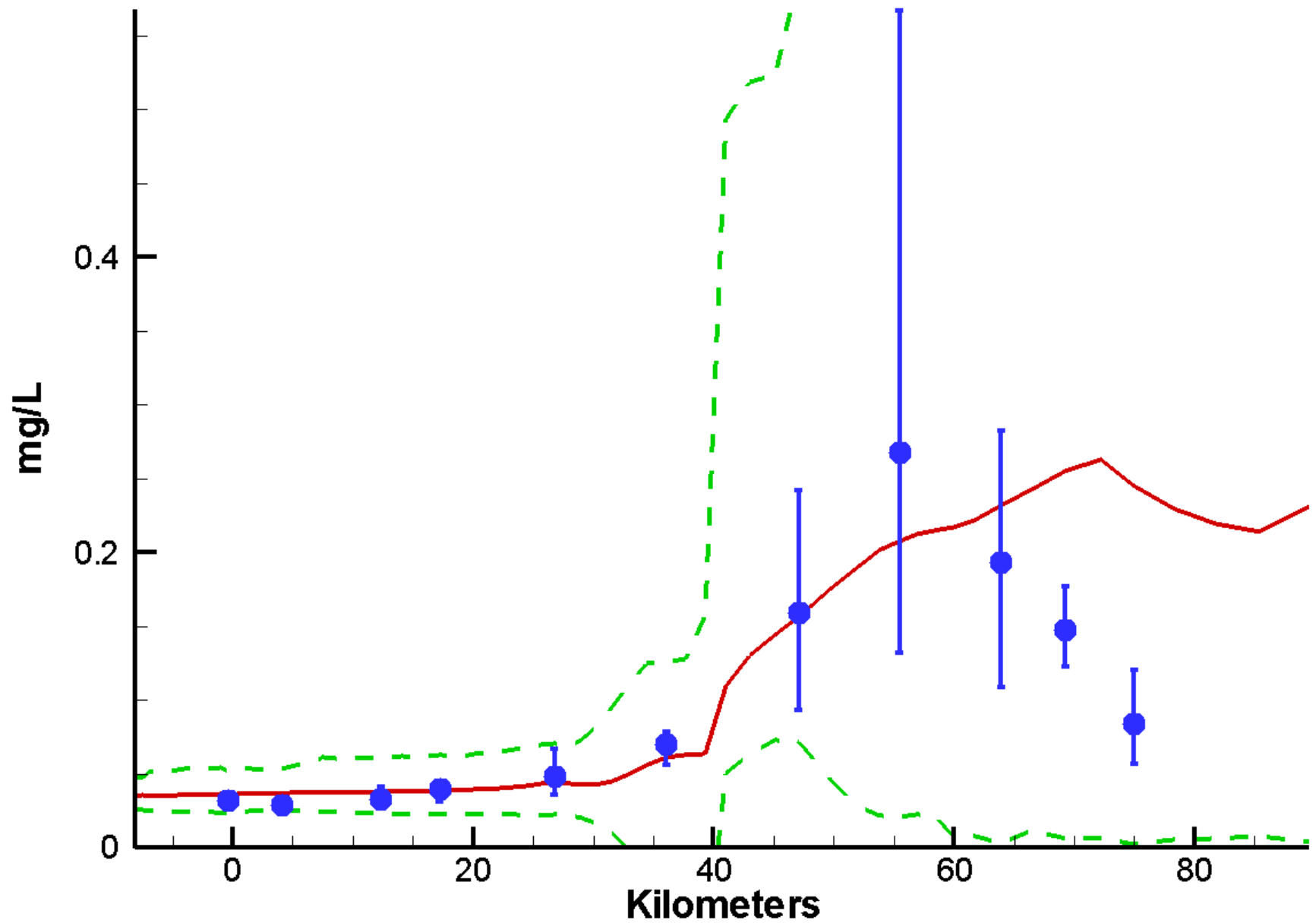
## Surface Total Organic Carbon Fall 1999





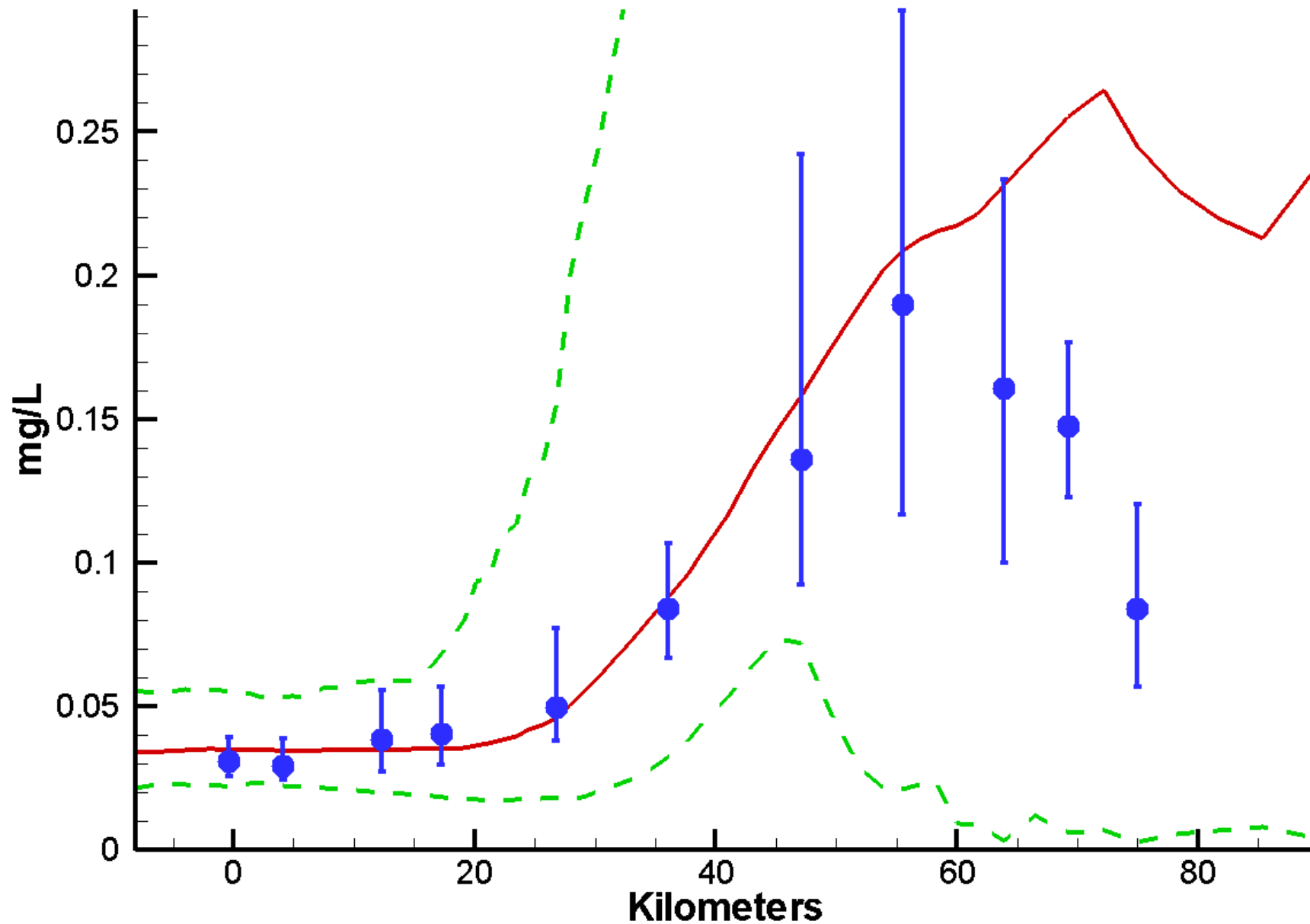
# Patuxent River Ches2015 Run118

## Bottom Total Phosphorus Fall 1999



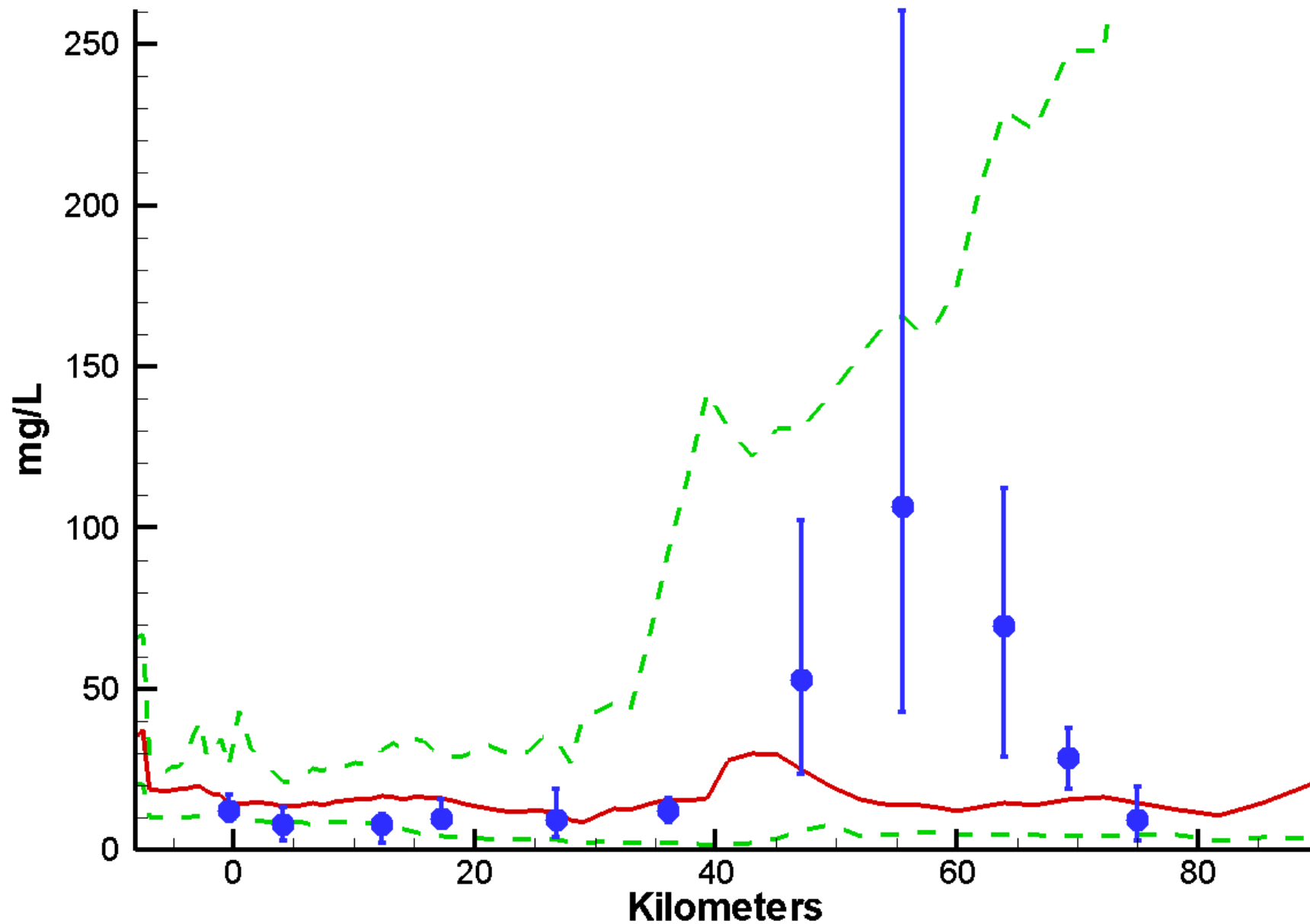
# Patuxent River Ches2015 Run118

## Surface Total Phosphorus Fall 1999



# Patuxent River Ches2015 Run118

## Bottom Total Suspended Solids Fall 1999



# Patuxent River Ches2015 Run118

## Surface Total Suspended Solids Fall 1999

