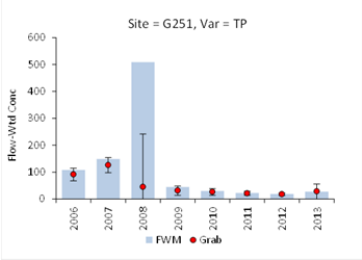
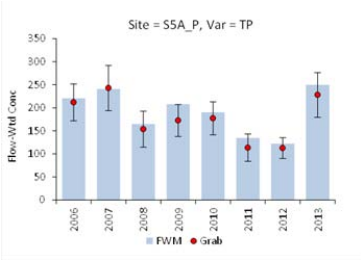
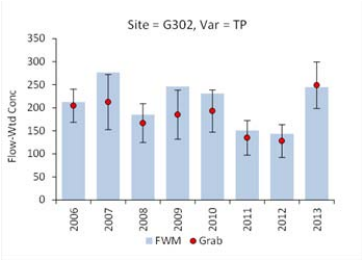
Yearly FWM Concentrations - Grab Samples vs. Composite Samples

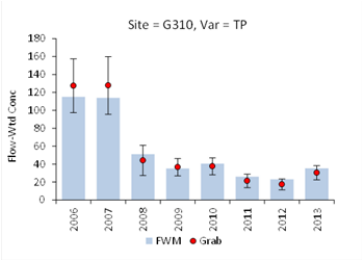
Values expected to be equal in years without composite samples (generally flow-way sites in WY 2012-2013)

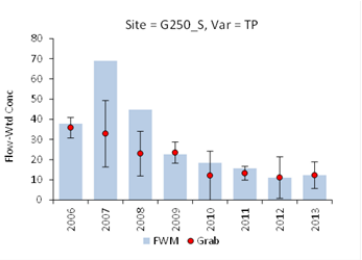
05/30/13

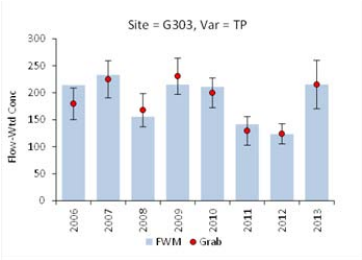


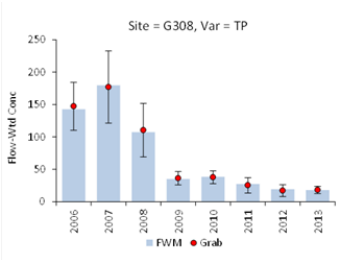


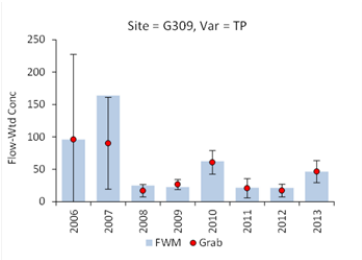


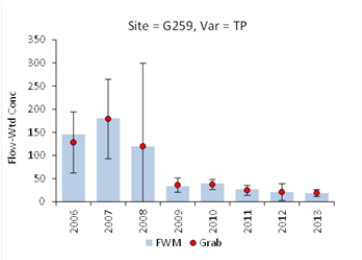


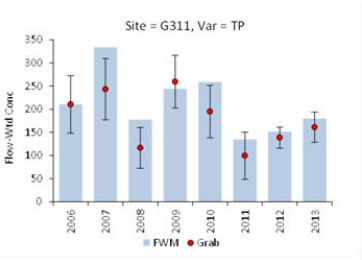


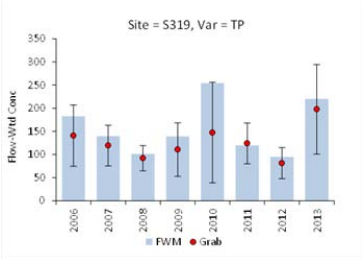


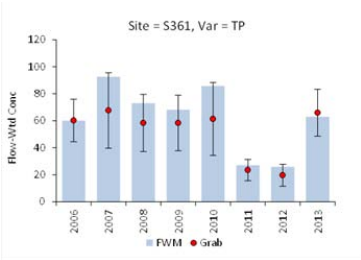


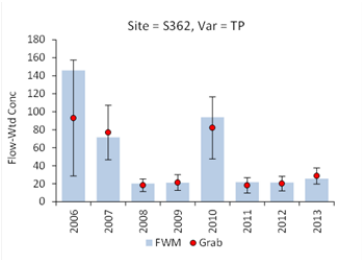


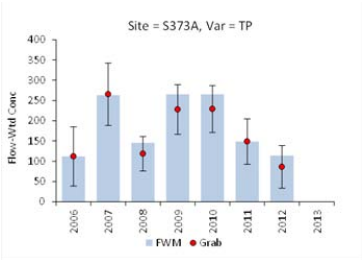


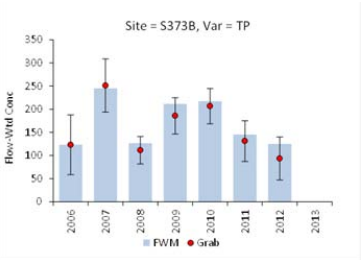


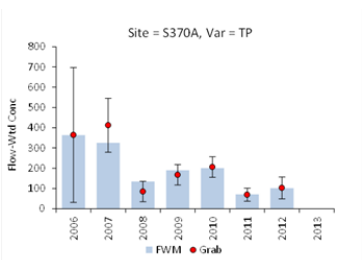


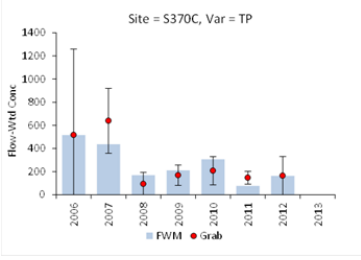


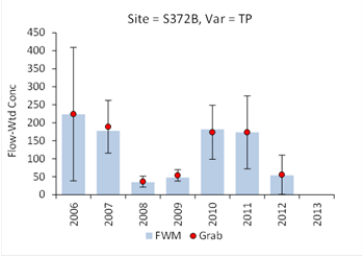


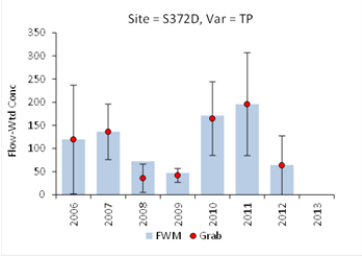


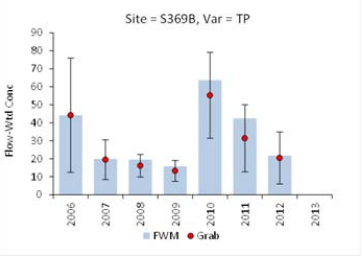


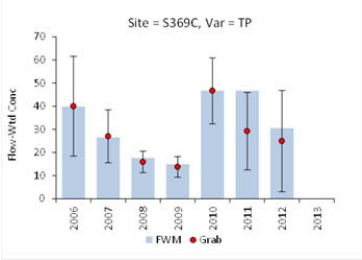


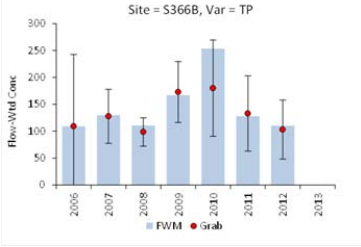


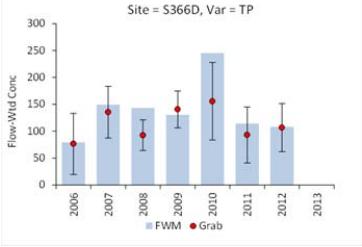


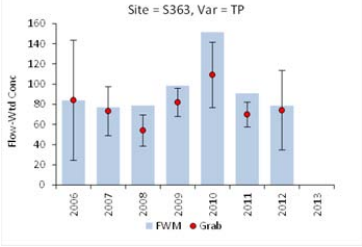


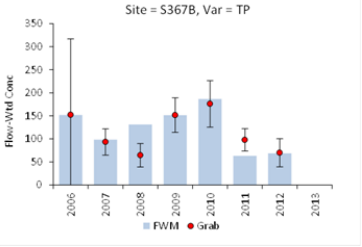


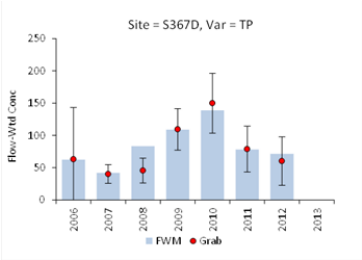








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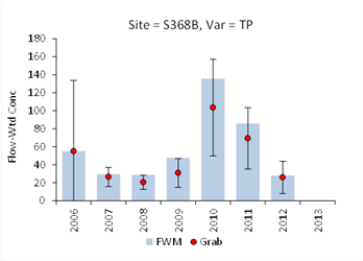
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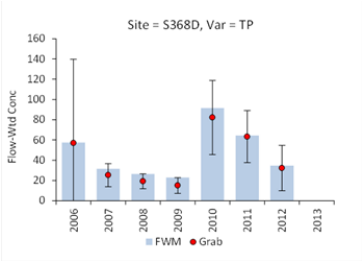
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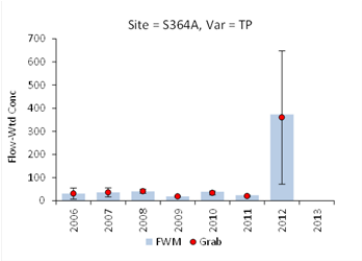
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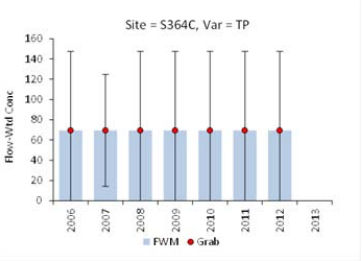
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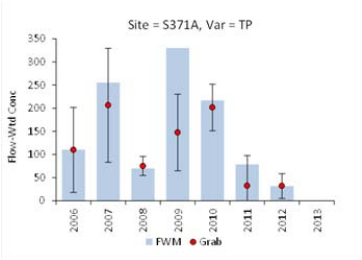
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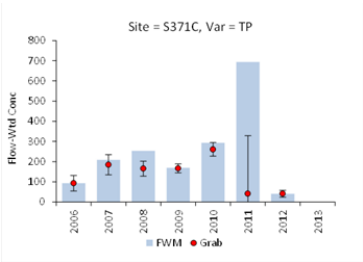
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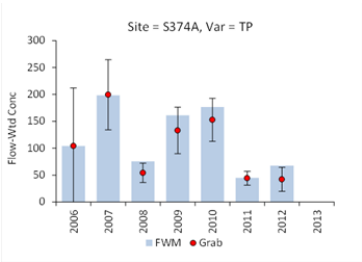
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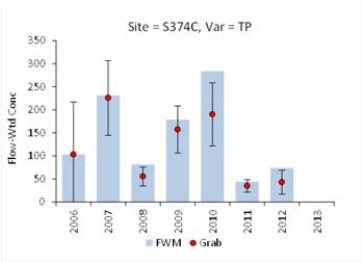
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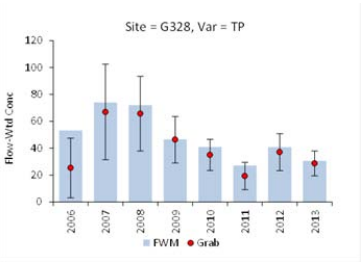
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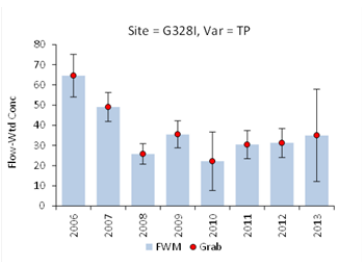
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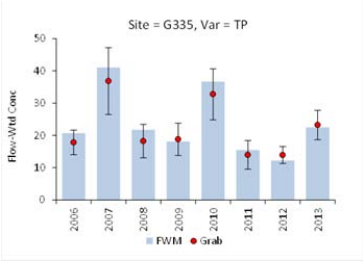
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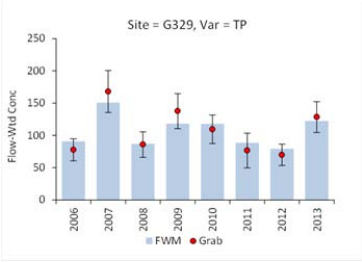
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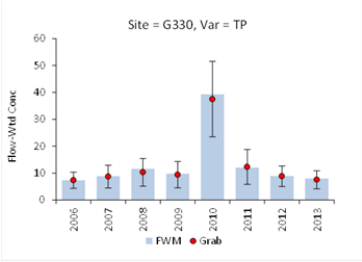
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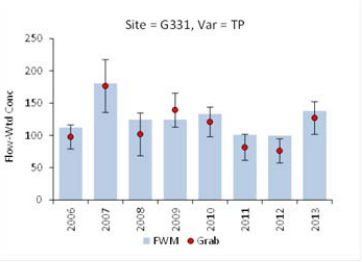
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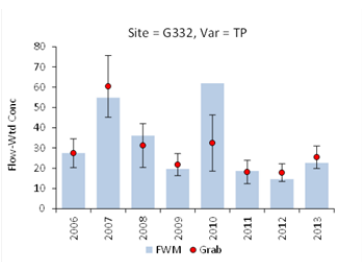
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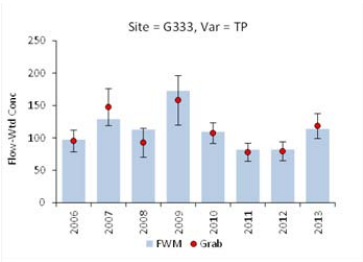
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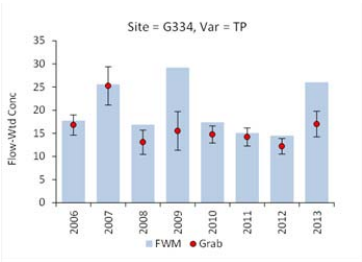
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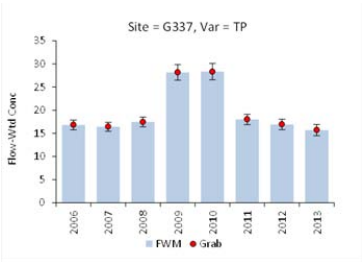
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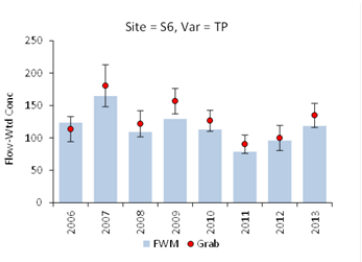
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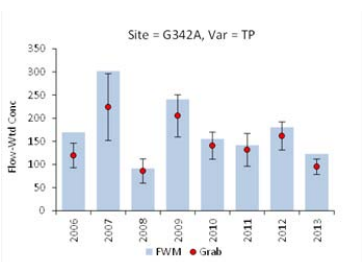
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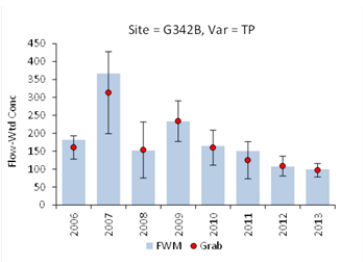
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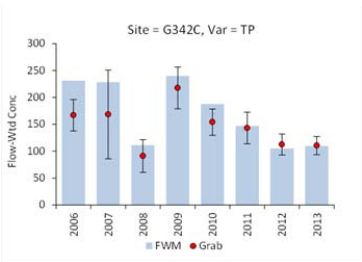
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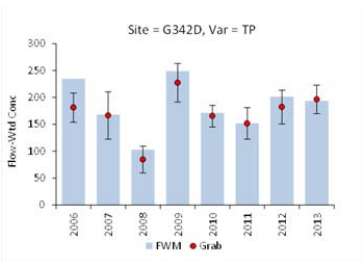
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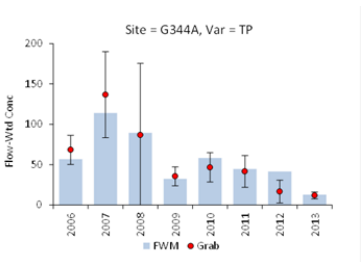
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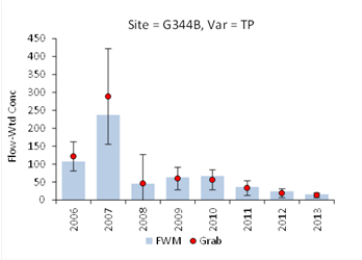
Grab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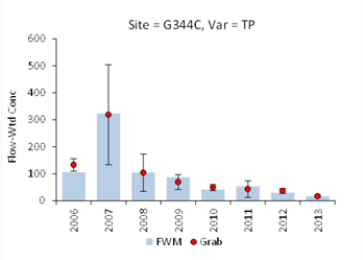
Flow-Wtd Conc
2006 2007 2008 2009 2010 2011 2012 2013
FWM Grab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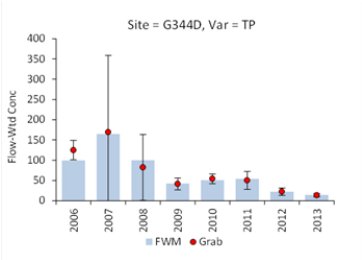
Flow-Wtd Conc
2006 2007 2008 2009 2010 2011 2012 2013
FWM Grab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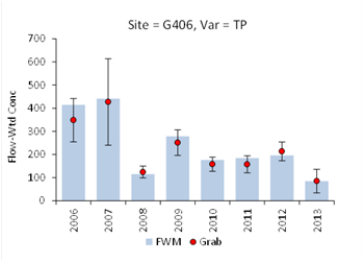
Flow-Wtd Conc
2006 2007 2008 2009 2010 2011 2012 2013
FWM Grab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Flow-Wtd Conc
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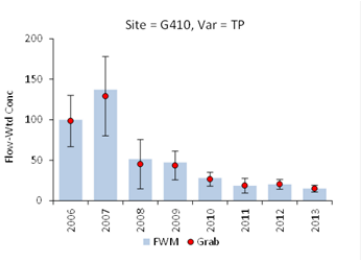
FWM Grab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Flow-Wtd Conc
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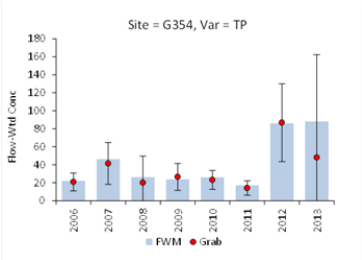
FWM Grab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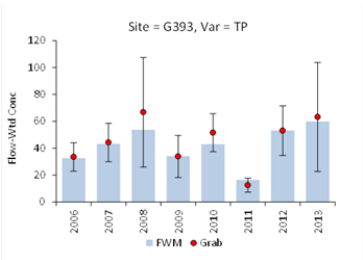
2006 2007 2008 2009 2010 2011 2012 2013
FWM Grab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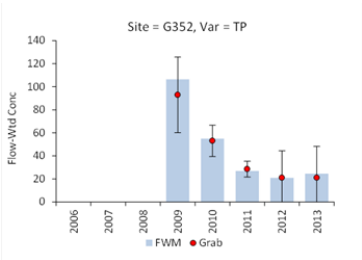
2006 2007 2008 2009 2010 2011 2012 2013
FWM Grab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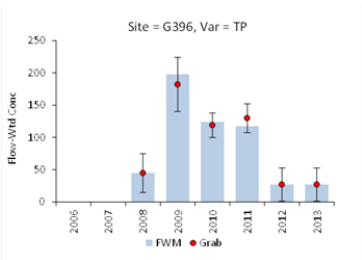
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2006 2007 2008 2009 2010 2011 2012 2013
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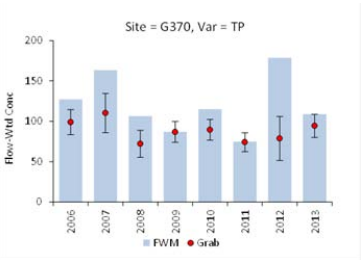
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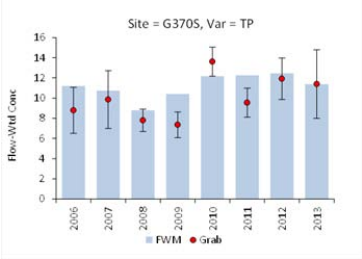
2006 2007 2008 2009 2010 2011 2012 2013
FWM Grab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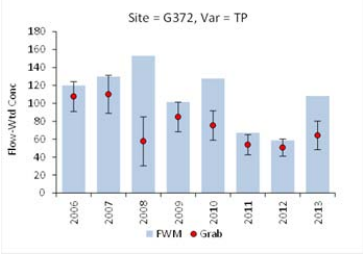
2006 2007 2008 2009 2010 2011 2012 2013
FWM Grab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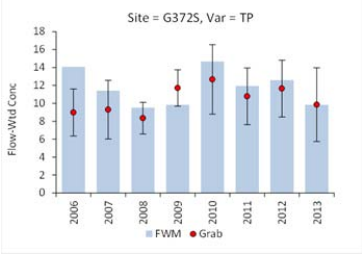
Flow-Wtd Conc
2006 2007 2008 2009 2010 2011 2012 2013
FWM Grab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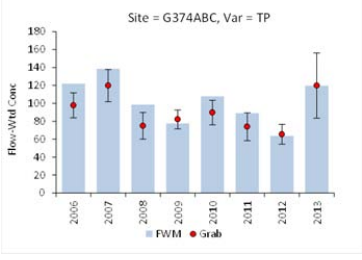
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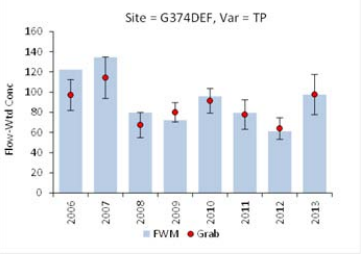
2006 2007 2008 2009 2010 2011 2012 2013
FWM Grab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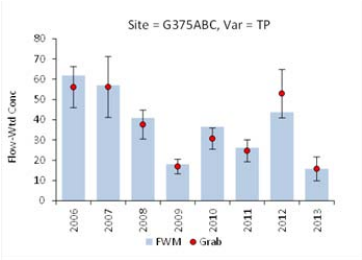
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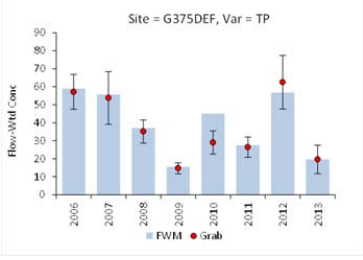
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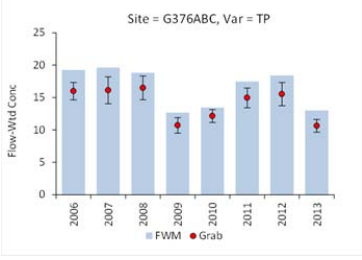
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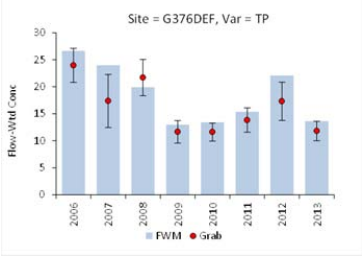
FWM Grab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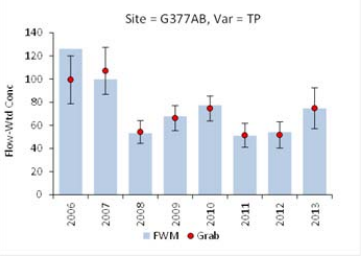
2006 2007 2008 2009 2010 2011 2012 2013
FWM Grab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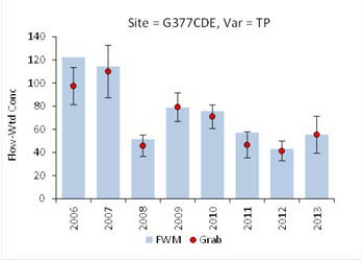
Flow-Wtd Conc
2006 2007 2008 2009 2010 2011 2012 2013
FWM Grab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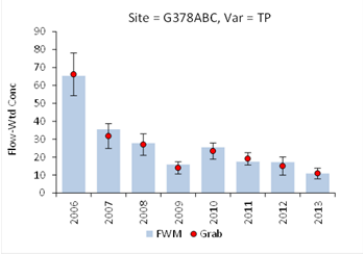
2006 2007 2008 2009 2010 2011 2012 2013
FWM Grab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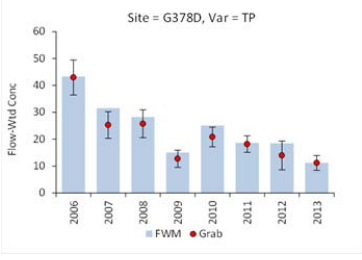
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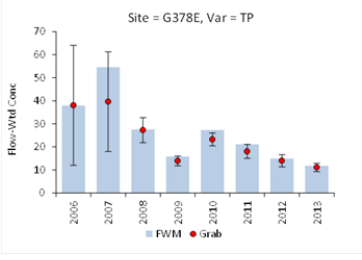
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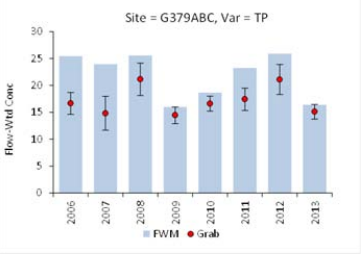
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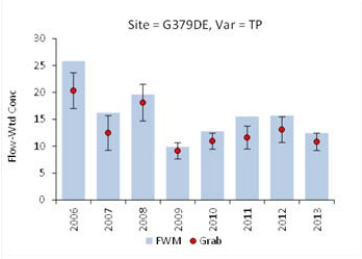
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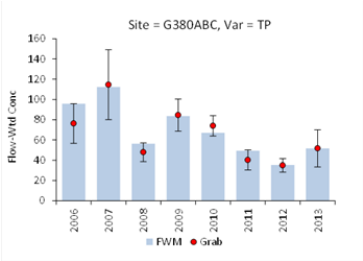
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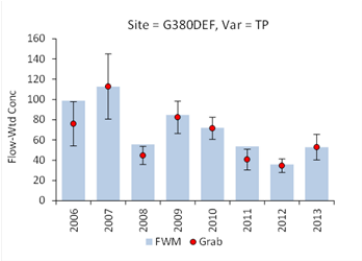
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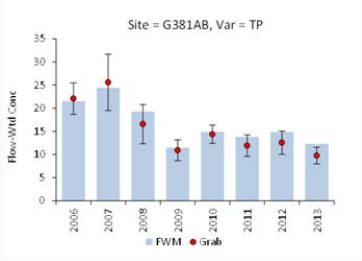
FWM
Grab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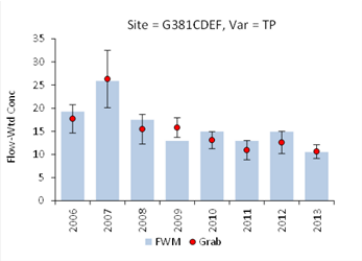
Grab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Flow-Wtd Conc
FWM
Grab

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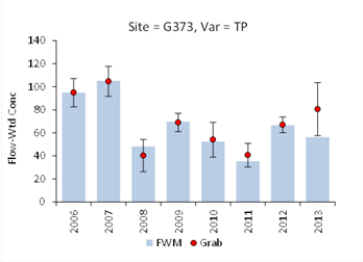
Flow-Wtd Conc
FWM
Grab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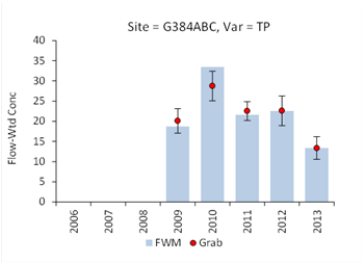
Flow-Wtd Conc
FWM
Grab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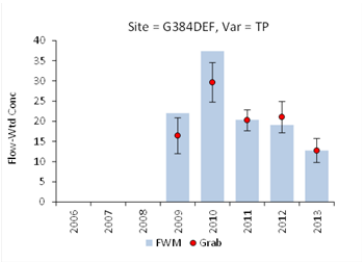
Flow-Wtd Conc
FWM
Grab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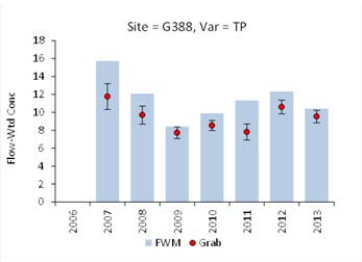
Grab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Flow-Wtd Conc
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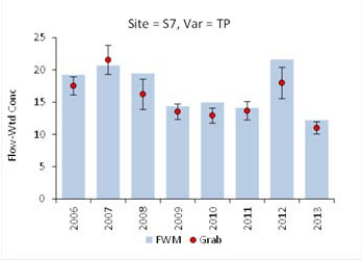
Grab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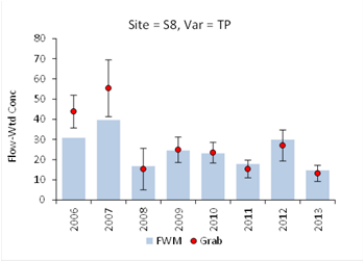
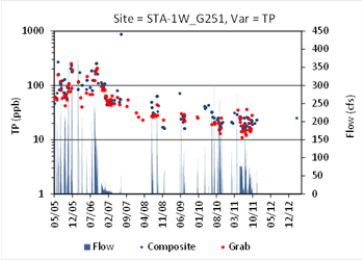
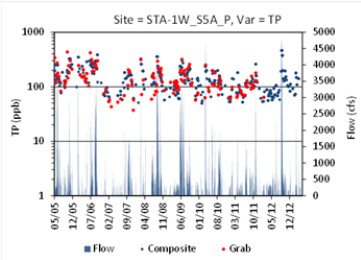
FWM
Grab

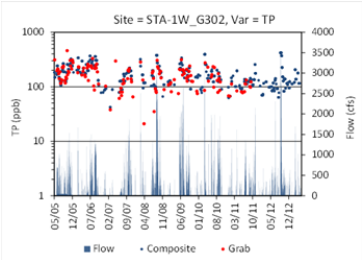

Site = S8, Var = TP
Flow-Wtd Conc
FWM
Grab

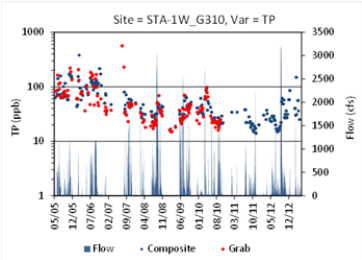
Daily Flow & Log FWM Concentration

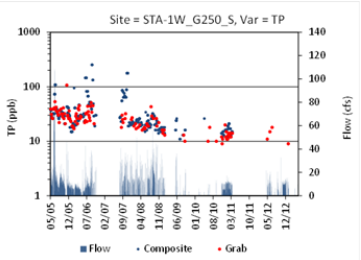
Note: Symbols are switched, red=composite, blue=grab

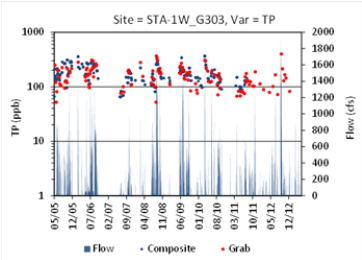


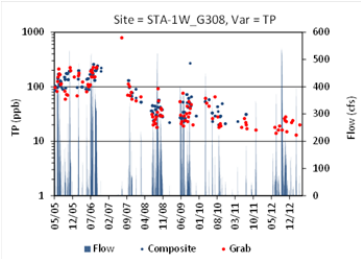


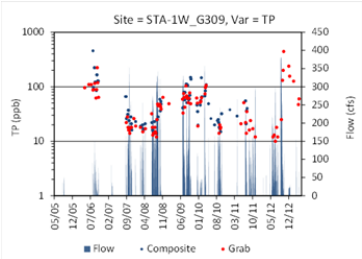


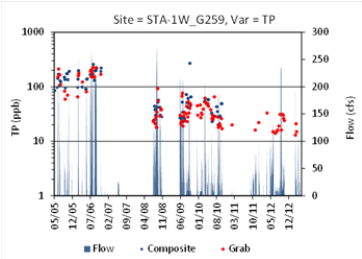


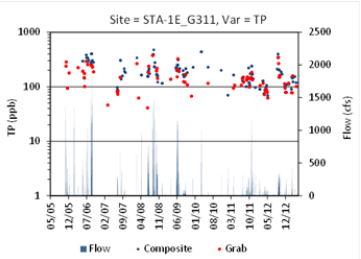


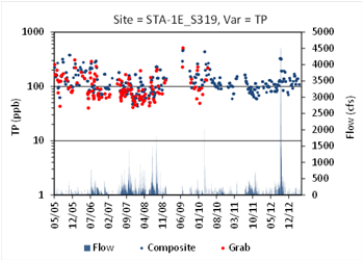


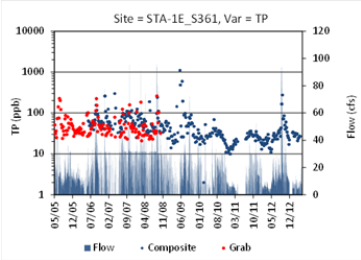


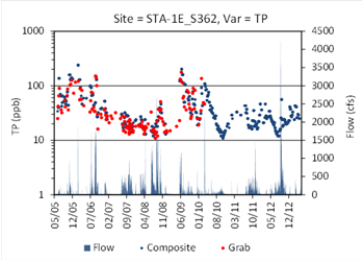


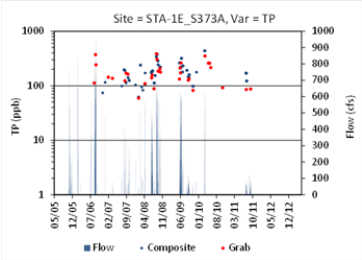


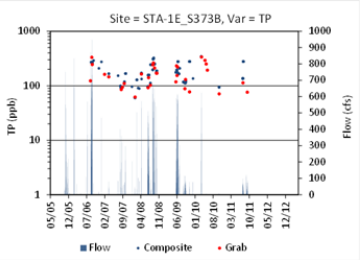


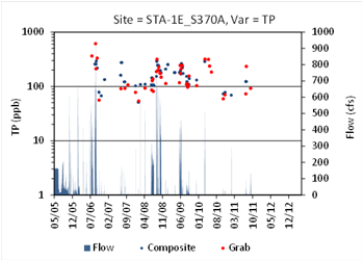


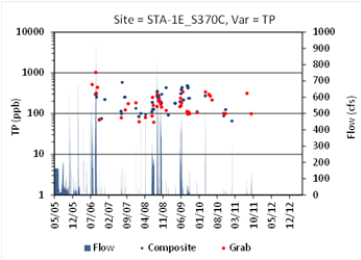


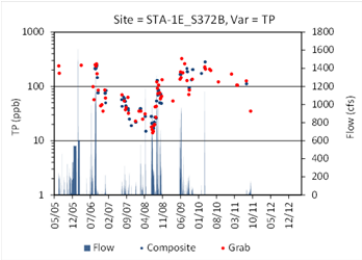


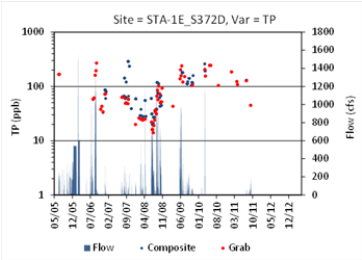


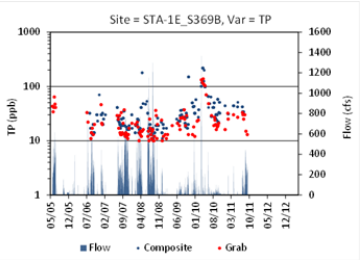


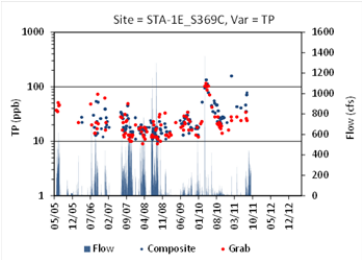


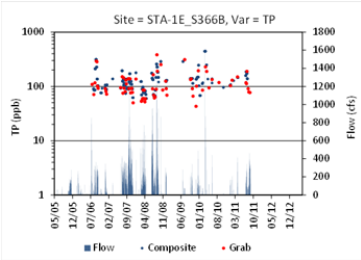


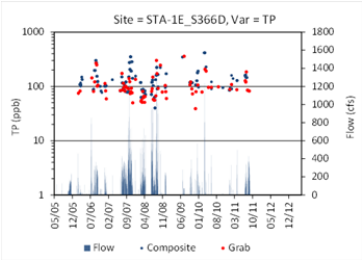


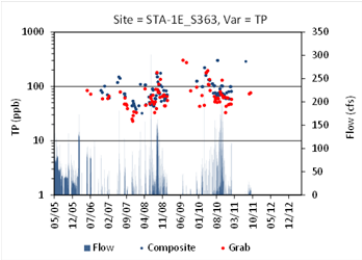


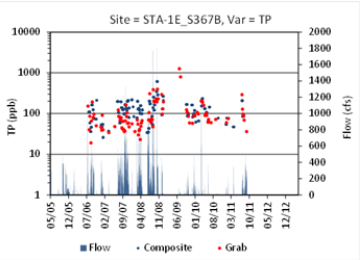


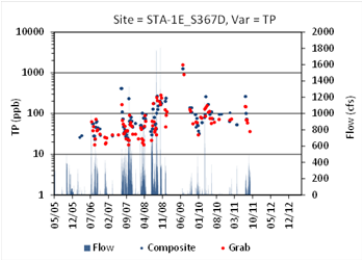


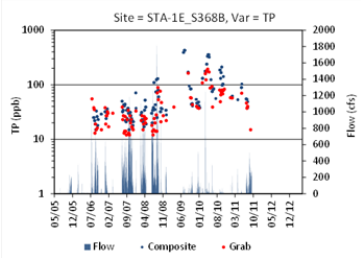


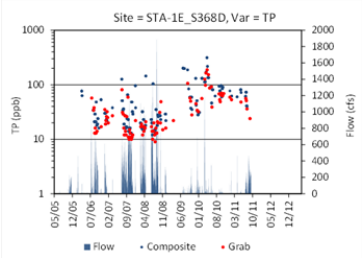


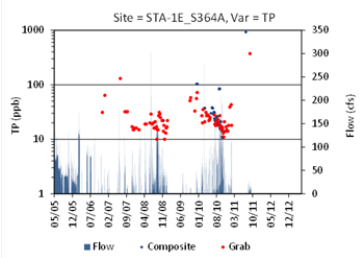


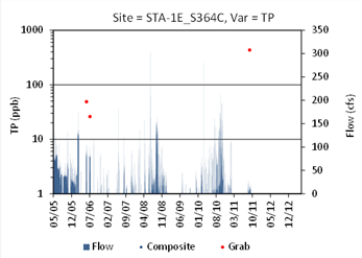


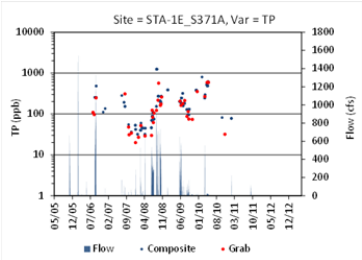

Site = STA-1E_S367D, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

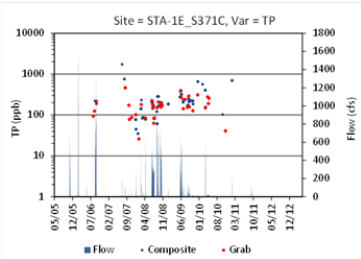

Site = STA-1E_S368B, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

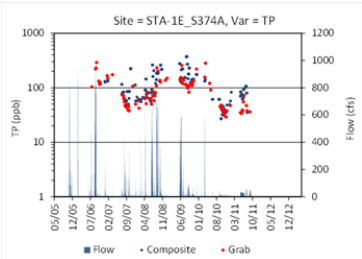

Site = STA-1E_S368D, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

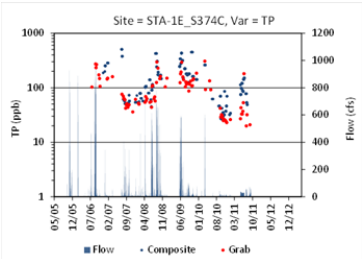

Site = STA-1E_S364A, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

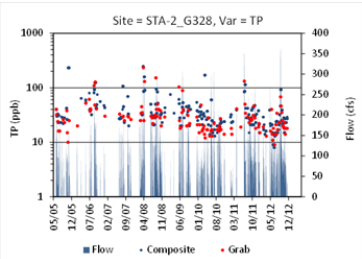

Site = STA-1E_S364C, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

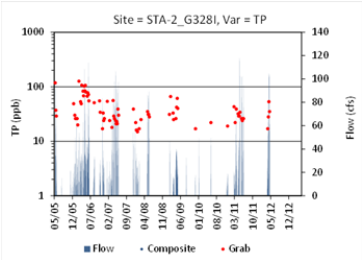

Site = STA-1E_S371A, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

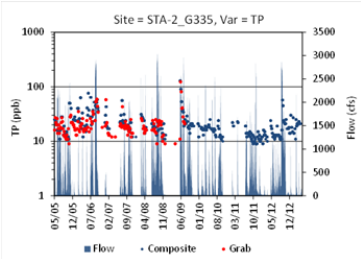

Site = STA-1E_S371C, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

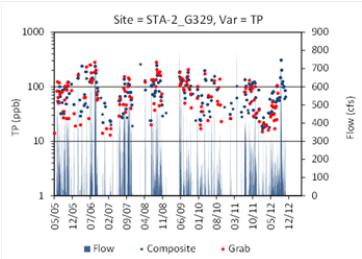

Site = STA-1E_S374A, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

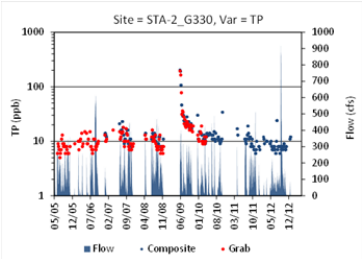

Site = STA-1E_S374C, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

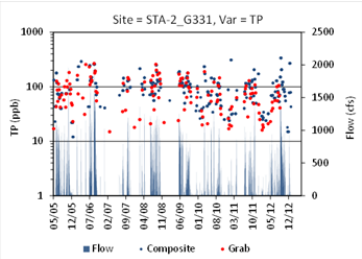

Site = STA-2_G328, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

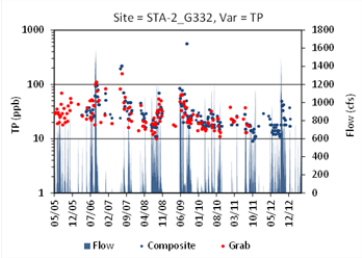

Site = STA-2_G328I, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

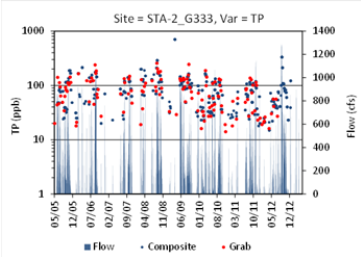

Site = STA-2_G335, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

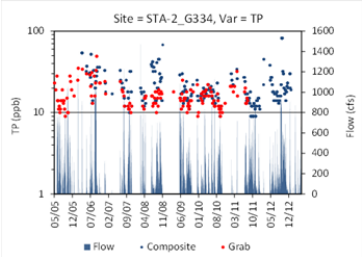

Site = STA-2_G329, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

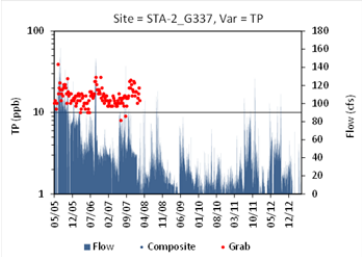

Site = STA-2_G330, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

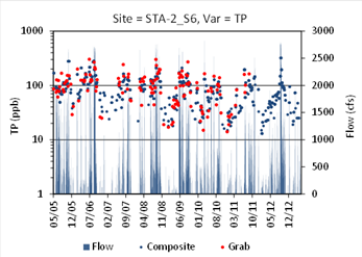

Site = STA-2_G331, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

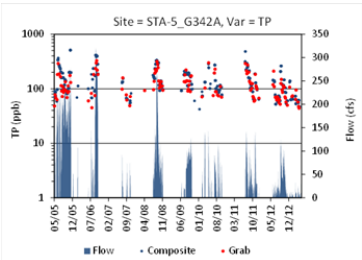

Site = STA-2_G332, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

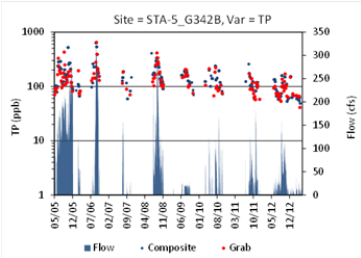

Site = STA-2_G333, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

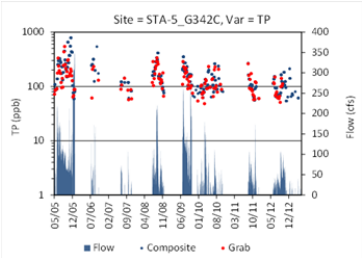

Site = STA-2_G334, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

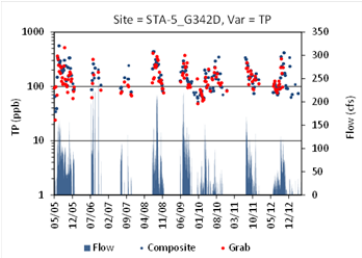

Site = STA-2_G337, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

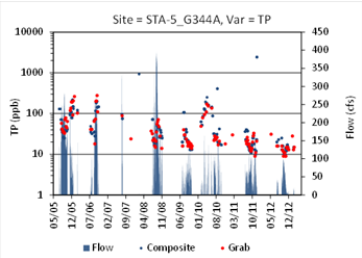

Site = STA-2_S6, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

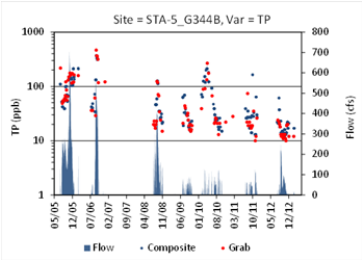

Site = STA-5_G342A, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

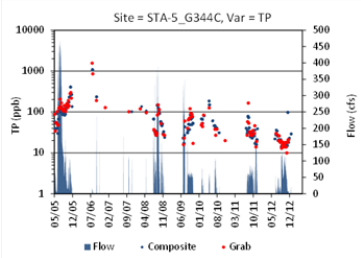

Site = STA-5_G342B, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

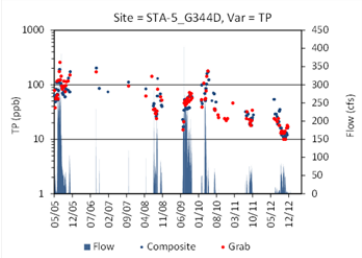

Site = STA-5_G342C, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

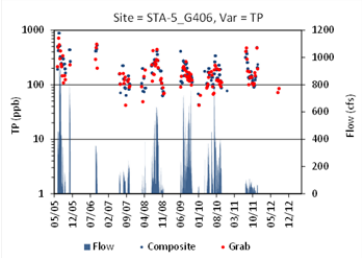

Site = STA-5_G342D, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

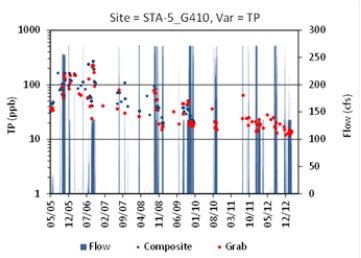

Site = STA-5_G344A, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

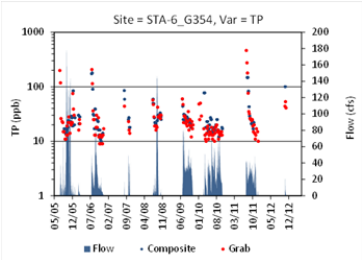

Site = STA-5_G344B, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

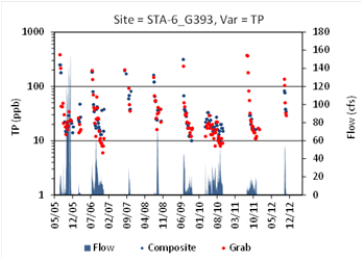

Site = STA-5_G344C, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

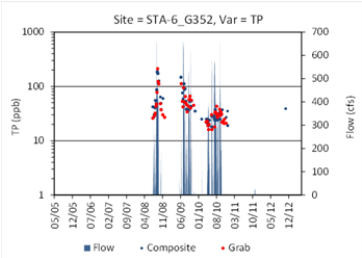

Site = STA-5_G344D, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

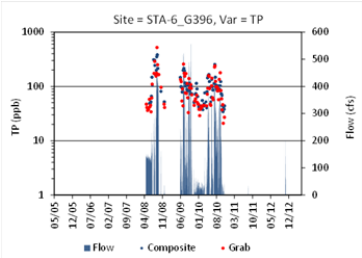

Site = STA-5_G406, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

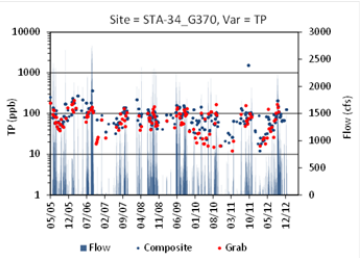

Site = STA-5_G410, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

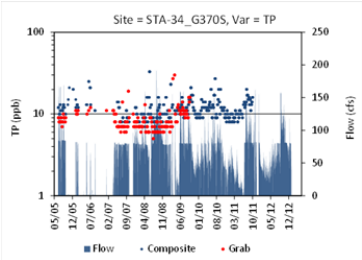

Site = STA-6_G354, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

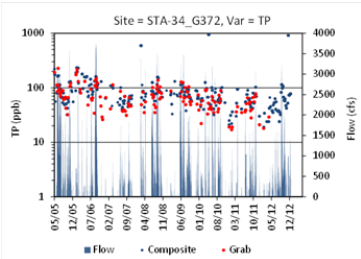

Site = STA-6_G393, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

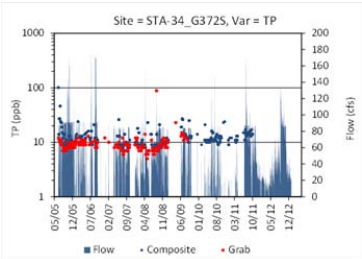

Site = STA-6_G352, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

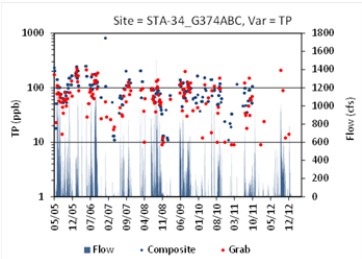

Site = STA-6_G396, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

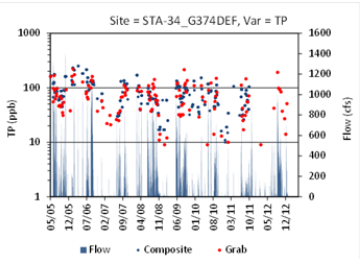

Site = STA-34_G370, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

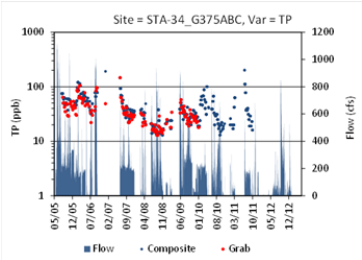

Site = STA-34_G370S, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

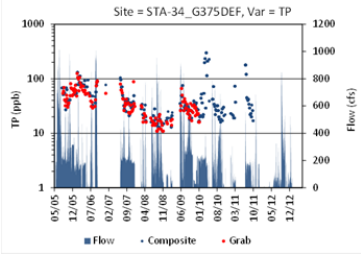

Site = STA-34_G372, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

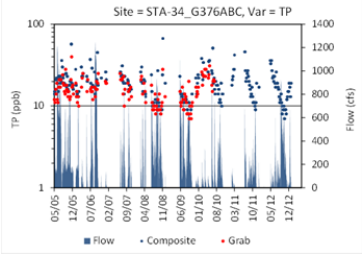

Site = STA-34_G372S, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

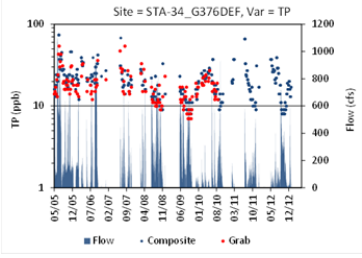

Site = STA-34_G374ABC, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

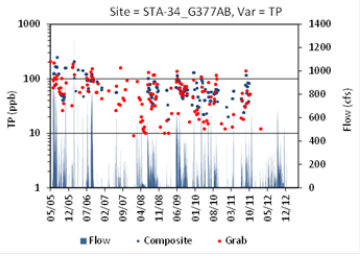

Site = STA-34_G374DEF, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G375ABC, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G375DEF, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G376ABC, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G376DEF, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab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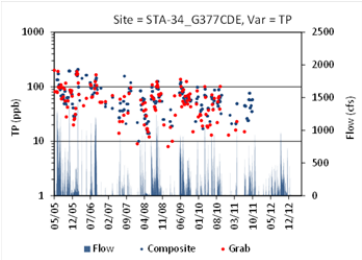
TP (ppb)
Flow (cfs)
Flow
Composite
Grab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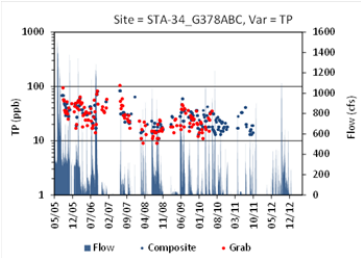
TP (ppb)
Flow (cfs)
Flow
Composite
Grab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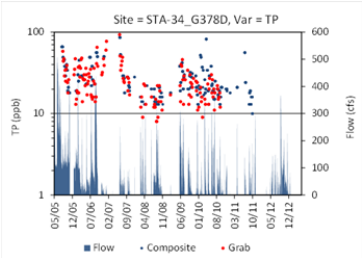
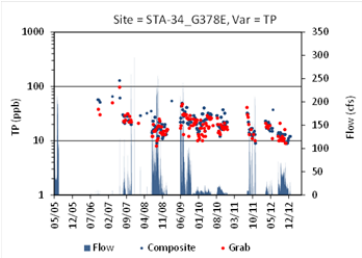
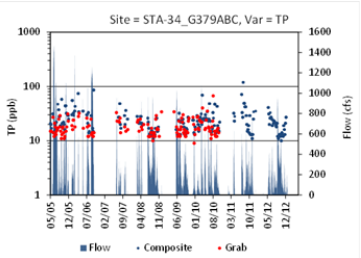
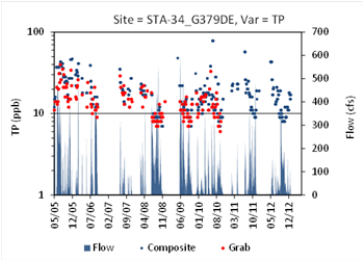
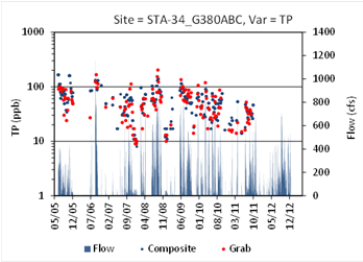
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G378D, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G378E, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G379ABC, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G379DE, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab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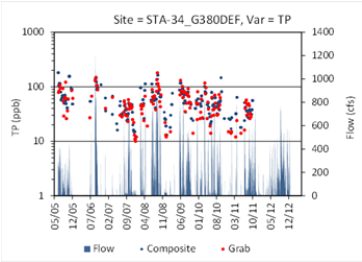
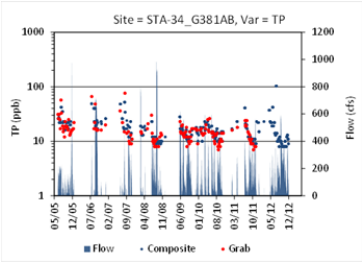
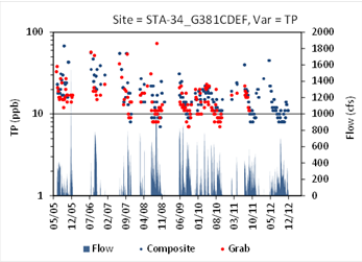
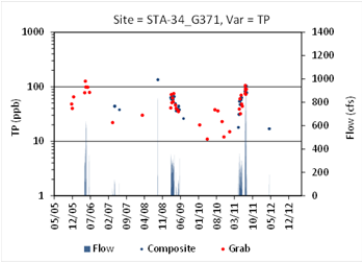
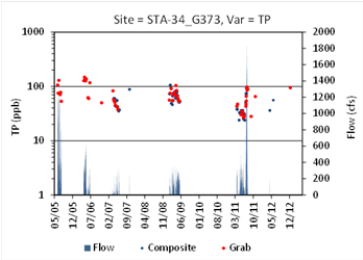
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

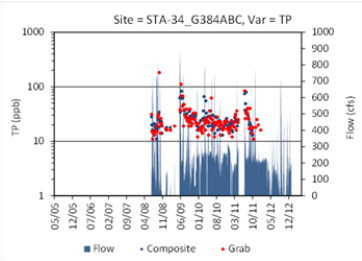

Site = STA-34_G380DEF, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G381AB, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G381CDEF, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G371, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G373, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab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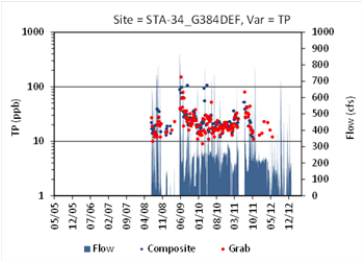
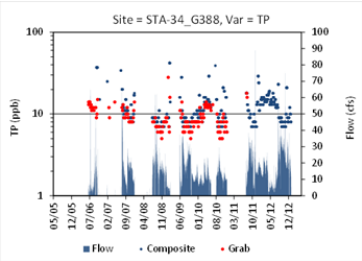
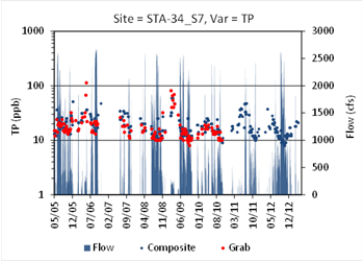
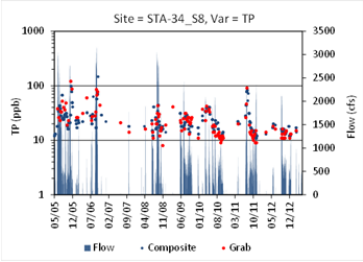
TP (ppb)
Flow (cfs)
Flow
Composite
Grab


Site = STA-34_G384DEF, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

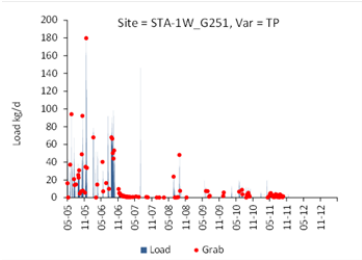

Site = STA-34_G388, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

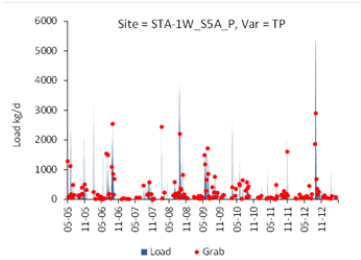

Site = STA-34_S7, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

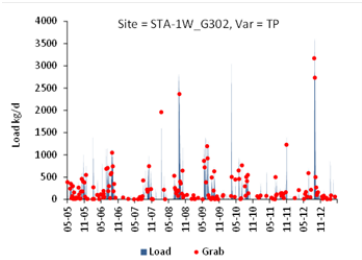

Site = STA-34_S8, Var = TP
TP (ppb)
Flow (cfs)
Flow
Composite
Grab

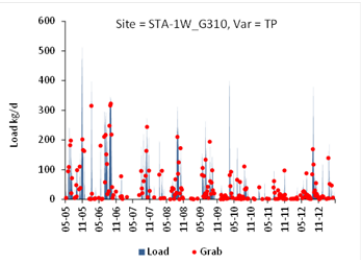
Daily Load Showing Grab Sampling Dates

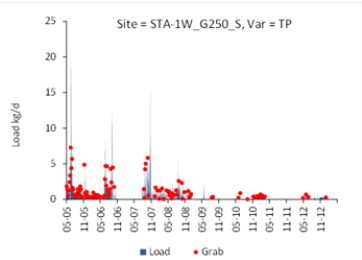
05/30/13

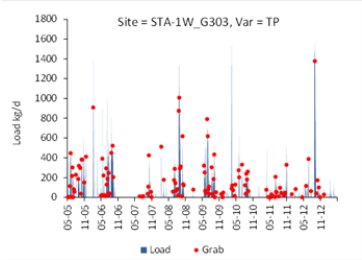


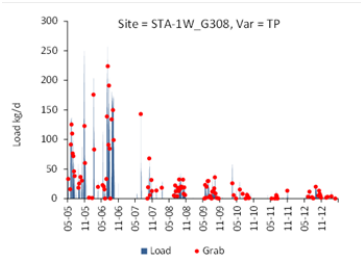


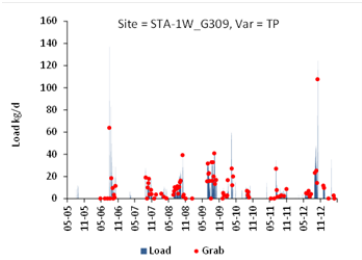


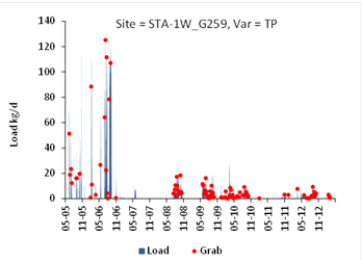


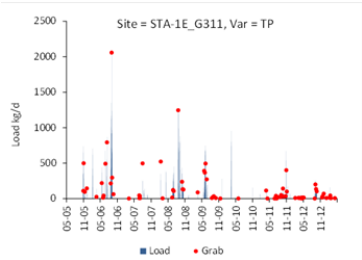


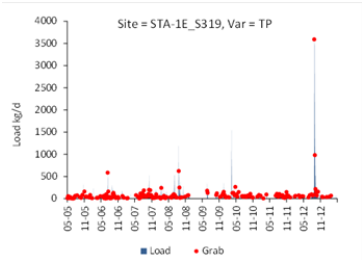


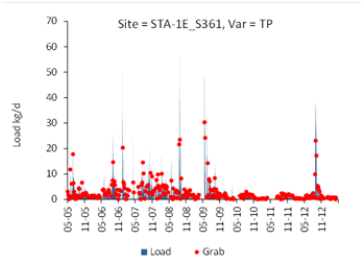


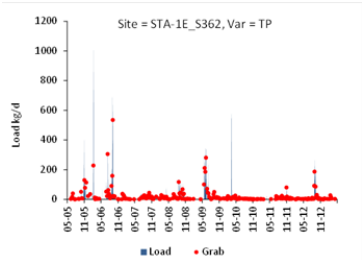


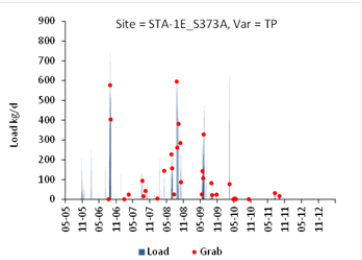


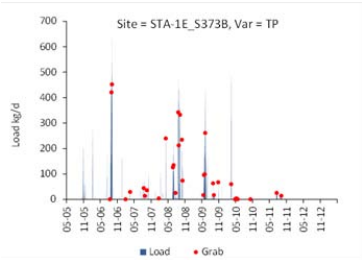


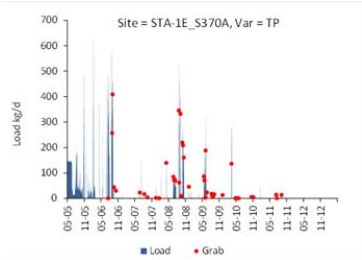


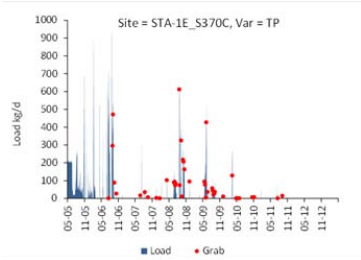


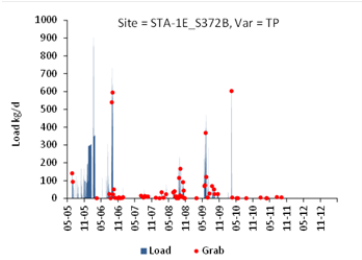


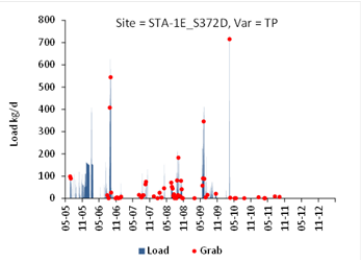


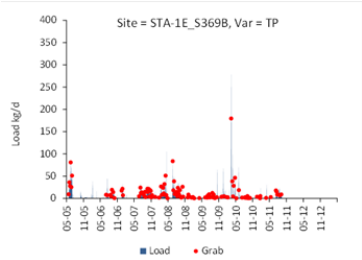


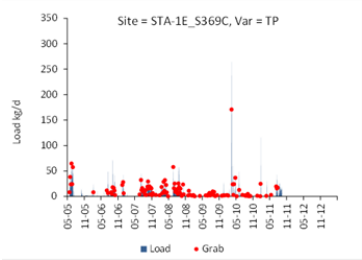


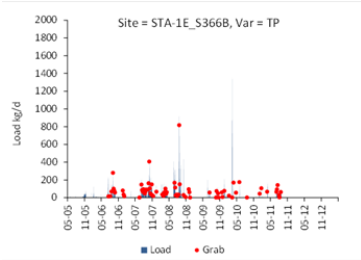


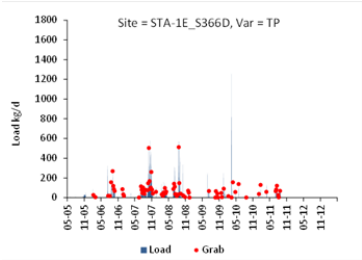


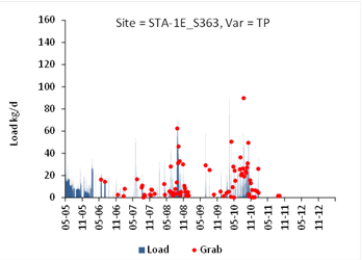


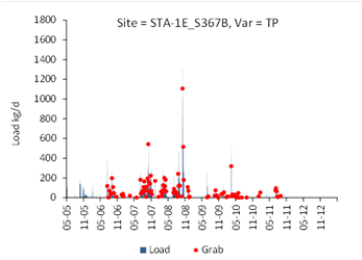


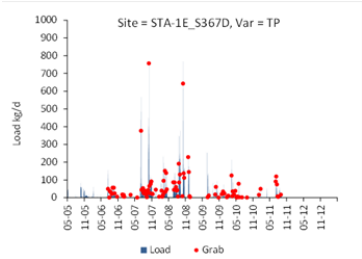








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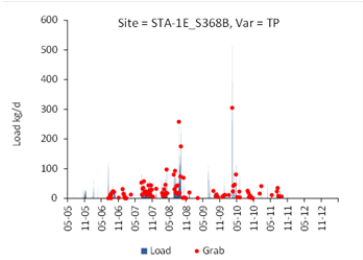
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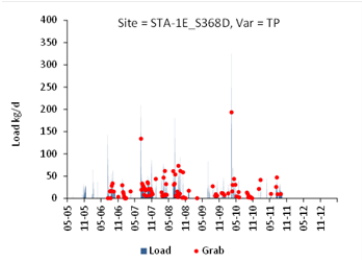
Load
Grab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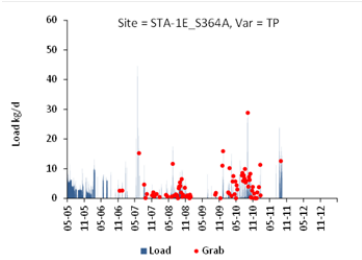
Load
Grab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Load
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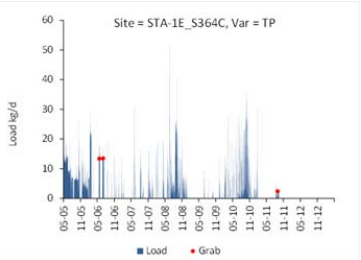
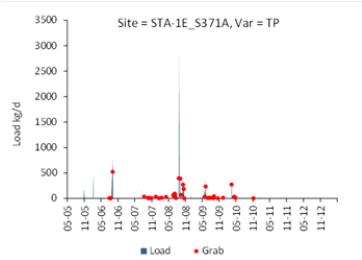

Site = STA-1E_S364C, Var = TP
Load kg/d
Load
Grab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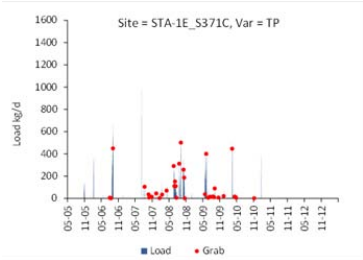
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Load
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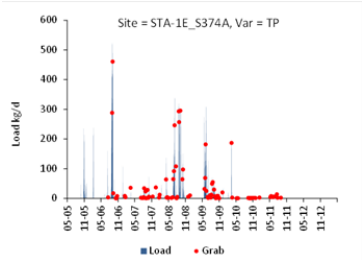
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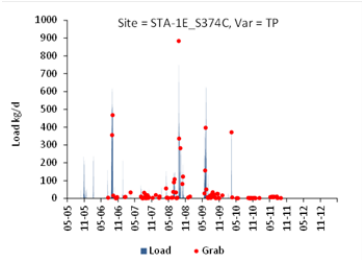
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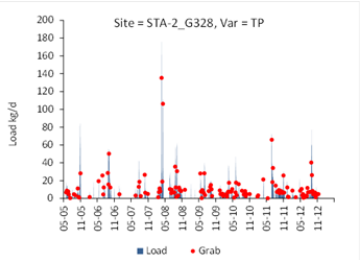
Load
Grab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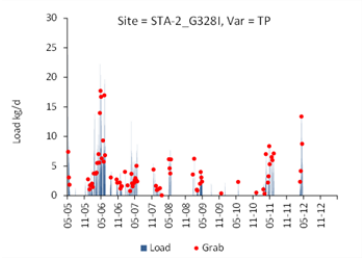
Load kg/d
Load
Grab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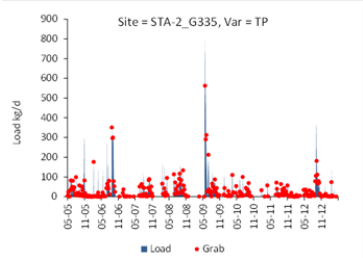
Load kg/d
Load
Grab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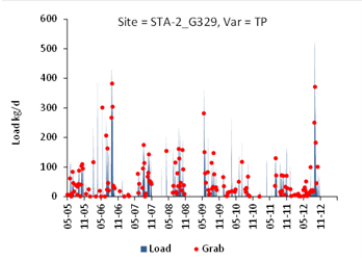
Load
Grab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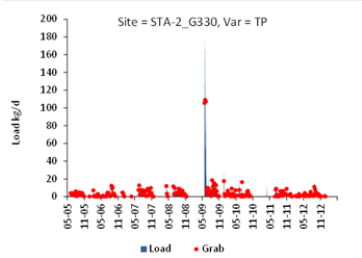
Load kg/d
Load
Grab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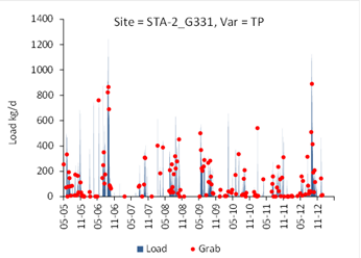
Load kg/d
Load
Grab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Load
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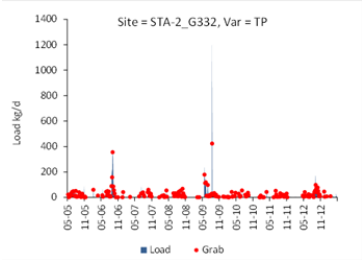
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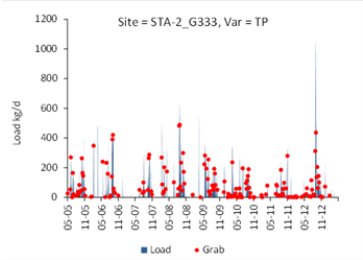
Grab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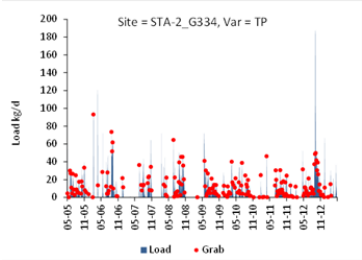
Load
Grab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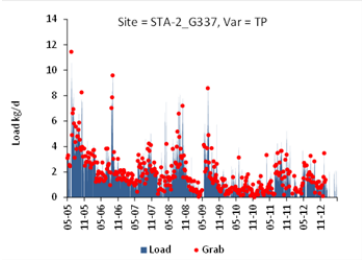
Grab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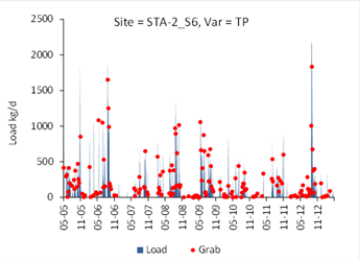
Grab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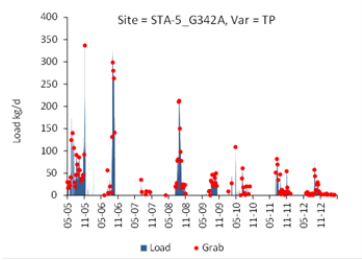
Load kg/d
Load
Grab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Load kg/d
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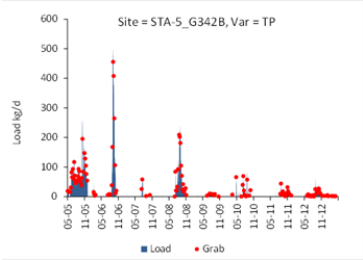
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Load kg/d
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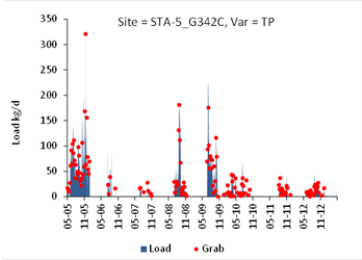
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Load kg/d
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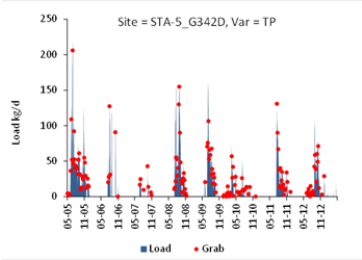
Grab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Load
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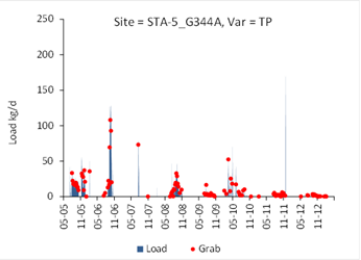
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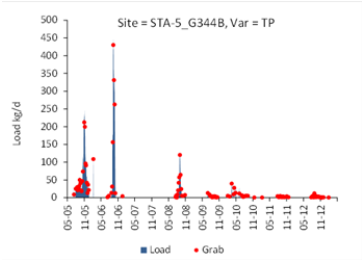
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Load kg/d
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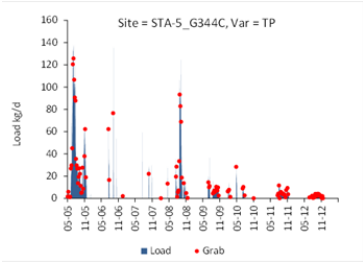
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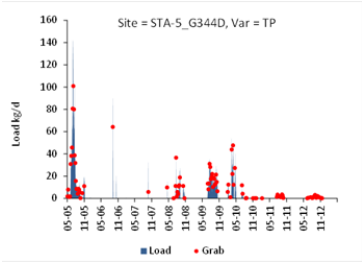
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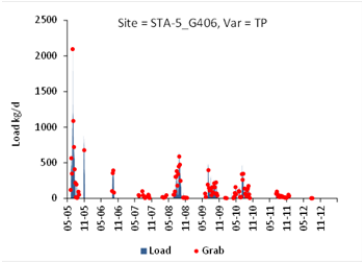
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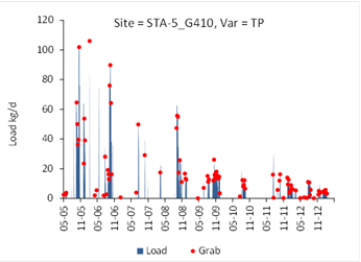
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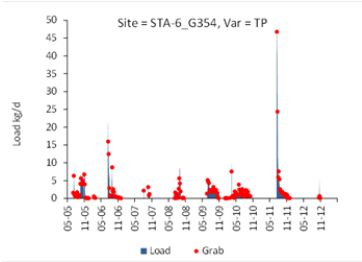
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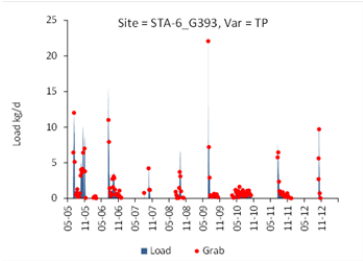
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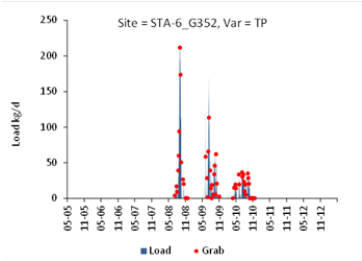
Load kg/d
Load
Grab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Load kg/d
Load
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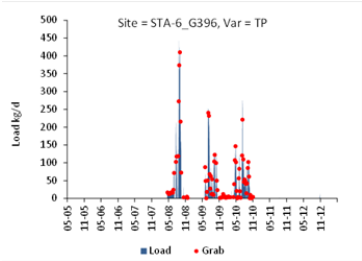
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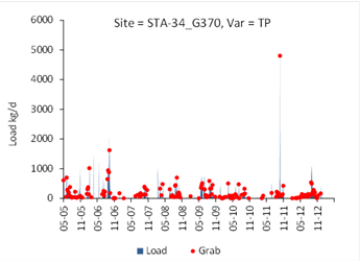
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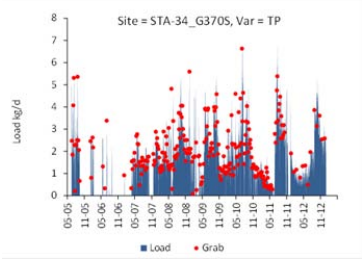
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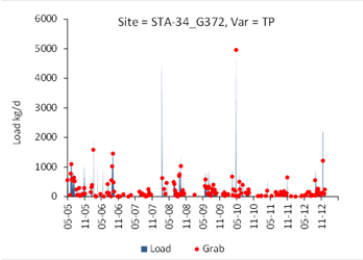
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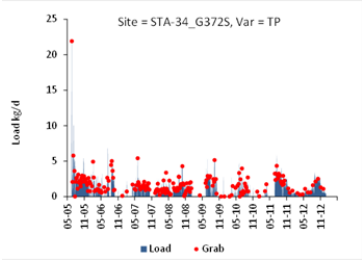
Grab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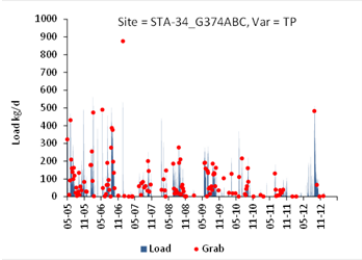
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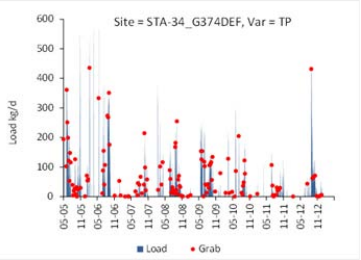
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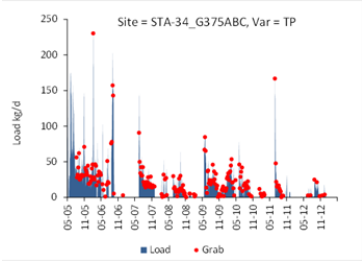
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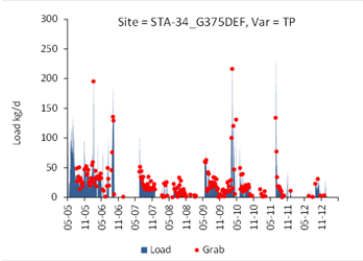
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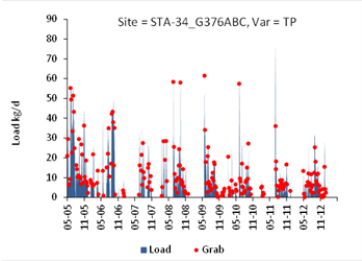
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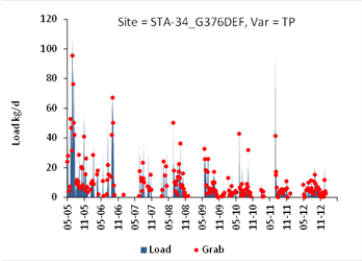
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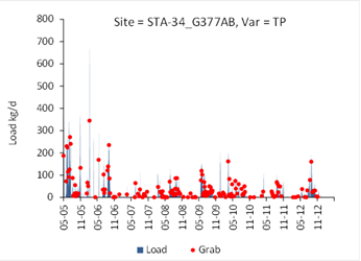
Load kg/d
Load
Grab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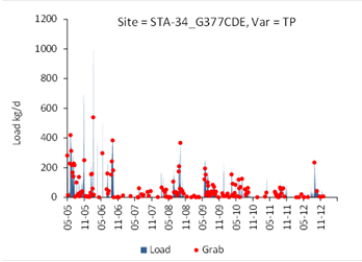
Load kg/d
Load
Grab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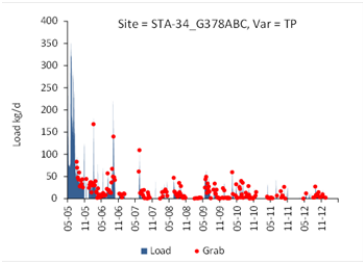
Load kg/d
Load
Grab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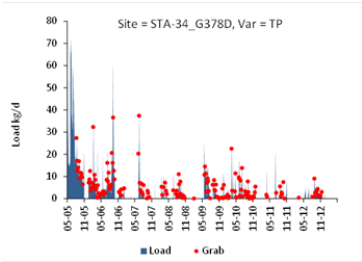
Load kg/d
Load
Grab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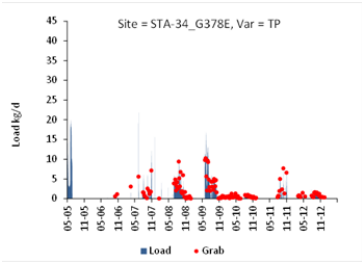
Load kg/d
Load
Grab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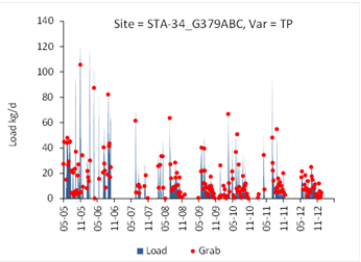
Load kg/d
Load
Grab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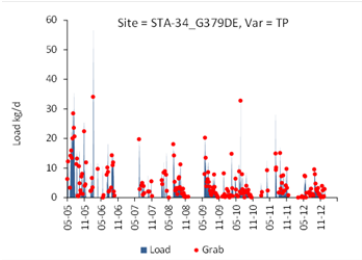
Load kg/d
Load
Grab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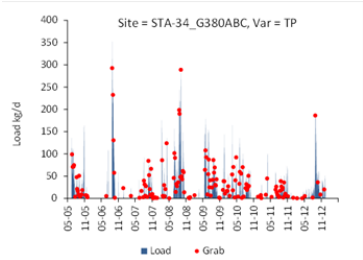
Load kg/d
Load
Grab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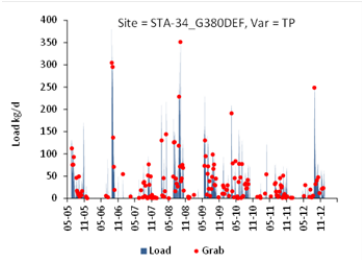
Load kg/d
Load
Grab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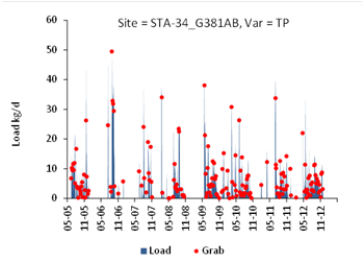
Load kg/d
Load
Grab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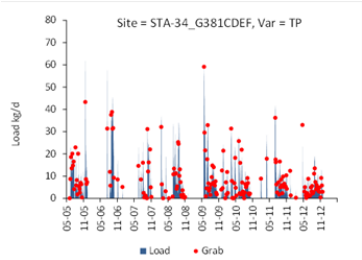
Load kg/d
Load
Grab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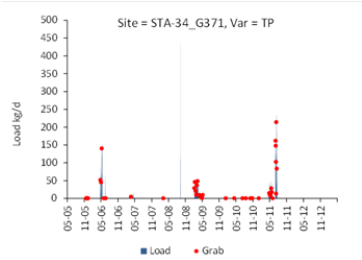
Load kg/d
Load
Grab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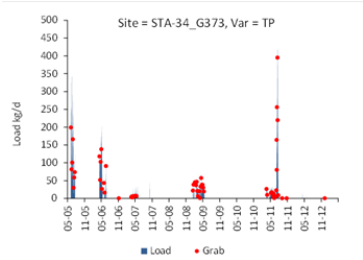
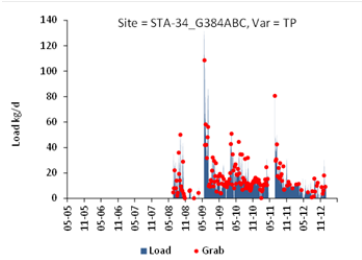
Load kg/d
Load
Grab


Site = STA-34_G373, Var = TP
Load kg/d
Load
Grab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Load kg/d
Load
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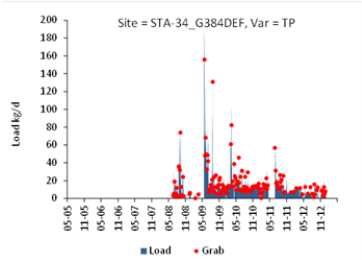
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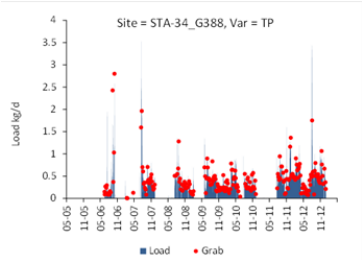
Load kg/d
Load
Grab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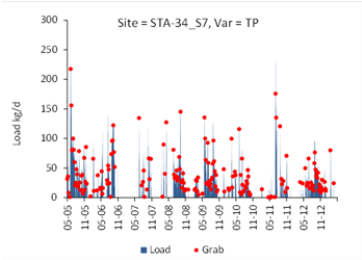
Load kg/d
Load
Grab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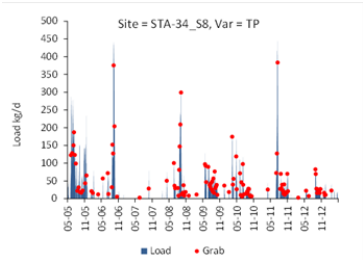
Load kg/d
Load
Grab


Site = STA-34_S8, Var = TP
Load kg/d
Load
Grab