Within-Sample LB-TS Ricker Model GPP Predictions Proctor Creek, GA Paint Branch, MD 8 10.0 6 7.5 5.0 4 2-2.5 0.0 Jan 2015 APr 2015 Jan 5010 Oct 2015 Jan 2016 APr 2010 Oct 2010 Jul 2015 Jul 2010 Jan 2011 Beaty Creek, OK S. Br. Potomac River, WV 8 15 6 10 4 5 2 -Oct 2009 Jan 2012 APr 2012 Jan 2009 Jul 2009 Jan 2010 Jan 2013 APr 2009 Jul 2012 Oct 2012 Pecos River, TX Santa Margarita River, CA 9 20 6 10 3 Oct 2015 Jan 2015 Apr 2015 Jul 2015 Jan 2012 APr 2012 Jul 2012 Oct 2012 Jan 2013 Jan 2016

GPP (g $O_2 m^{-2} d^{-1}$)