Monthly Streamflow monitoring on the East side of Aravaipa Canyon Preserve
Streamflow measured in cubic feet per second (cfs)
Streamflow measured using Marsh-McBirney flowmeter
Compiled by Matt Killeen 12/4/2003, updated 4/22/2005 by Stephen Tillinghast

(JS)= observation of Jay Schnell
(MK)= observation of Matt Killeen
(MH)= observation of Mark Haberstich
(JC)=observation of Jared Considine
(sw)=observation of Stacy Walker

| Date: | Schoolhouse Site: | Boundary Site: | difference | Date | USGS |
|---|---|---|---|---|---|
| 12/18/2012 | 8.54 | 13.43 | 4.89 | | 13.00 |
| 11/14/2012 | 7.62 | 11.71 | 4.09 | | 11.00 |
| 10/16/2012 | 7.45 | 11.77 | 4.32 | | 5.80 |
| 9/15/2012 | 7.08 | 11.78 | 4.70 | | 9.20 |
| 8/15/2012 | 6.46 | 10.67 | 4.21 | | 3.20 |
| 7/18/2012 | 7.24 | 14.27 | 7.03 | | 15.00 |
| 6/16/2012 | 7.72 | 8.99 | 1.27 | | 1.50 |
| 5/15/2012 | 7.14 | 8.57 | 1.43 | | 5.20 |
| 4/16/2012 | 8.09 | 12.18 | 4.09 | | 9.20 |
| 3/15/2012 | 9.97 | 14.35 | 4.38 | | 11.00 |
| 2/15/2012 | 9.62 | 12.81 | 3.19 | | 20.00 |
| 1/14/2012 | 9.31 | 14.24 | 4.93 | | 14.00 |
| 12/16/2011 | 9.57 | 14.92 | 5.35 | | 19.00 |
| 11/16/2011 | 9.78 | 13.17 | 3.39 | | 12.00 |
| 10/15/2011 | 9.25 | 12.39 | 3.14 | | 7.10 |
| 9/17/2011 | 11.44 | 18.19 | 6.75 | | 24.00 |
| 8/15/2011 | 10.14 | 16.02 | 5.88 | | 16.00 |
| 7/15/2011 | 11.39 | 16.66 | 5.27 | | 12.00 |
| 6/15/2011 | 10.82 | 9.87 | (0.95) | | 3.20 |
| 5/16/2011 | 11.50 | 12.91 | 1.41 | | 7.80 |
| 4/16/2011 | 12.79 | 16.22 | 3.43 | | 14.00 |
| 3/15/2011 | 12.49 | 18.43 | 5.94 | | 15.00 |
| 2/15/2010 | 13.49 | 18.70 | 5.21 | | 17.00 |

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|---|---|---|---|---|---|
| 1/17/2010 | 12.49 | 17.27 | 4.78 | | nd |
| 12/15/2010 | 13.35 | 17.77 | 4.42 | | 18.00 |
| 11/17/2010 | 12.63 | 16.56 | 3.93 | | 16.00 |
| 10/16/2010 | 12.31 | 15.26 | 2.95 | | 11.00 |
| 9/16/2010 | 12.81 | 13.69 | 0.88 | | 7.10 |
| 8/17/2010 | 13.06 | 14.61 | 1.55 | | 8.50 |
| 7/16/2010 | 12.51 | 12.57 | 0.06 | | 4.70 |
| 6/15/2010 | 12.00 | 14.04 | 2.04 | | 6.40 |
| 5/15/2010 | 12.41 | 14.78 | 2.37 | | 16.00 |
| 4/15/2010 | 14.12 | 18.36 | 4.24 | | 19.00 |
| 3/17/2010 | 16.70 | 23.87 | 7.17 | | 32.00 |
| 2/16/2010 | 11.31 | 16.97 | 5.66 | | 19.00 |
| 1/16/2010 | 8.09 | 13.64 | 5.55 | | 59? |
| 12/15/2009 | 8.63 | 13.07 | 4.44 | | 10.00 |
| 11/17/2009 | 8.80 | 12.43 | 3.63 | | 11.00 |
| 10/15/2009 | 7.40 | 11.51 | 4.11 | | 7.60 |
| 9/17/2009 | 7.28 | 12.60 | 5.32 | | 8.40 |
| 8/15/2009 | 8.86 | 10.55 | 1.69 | | 6.60 |
| 7/15/2009 | 8.44 | 13.18 | 4.74 | | 8.00 |
| 6/16/2009 | 8.25 | 8.85 | 0.60 | | 3.30 |
| 5/16/2009 | 9.15 | 10.28 | 1.13 | | 8.80 |
| 4/16/2009 | 10.34 | 14.05 | 3.71 | | 17.00 |
| 3/14/2009 | 10.41 | 14.69 | 4.28 | | 12.00 |
| 2/16/2009 | 9.78 | 14.55 | 4.77 | | 13.00 |
| 1/15/2009 | 11.29 | 14.49 | 3.20 | | 12.00 |
| 12/16/2008 | 11.10 | 15.38 | 4.28 | | n/a |
| 11/15/2008 | 10.69 | 13.35 | 2.66 | | 9.70 |
| 10/16/2008 | 11.81 | 13.74 | 1.93 | | n/a |
| 9/13/2008 | 10.69 | 15.66 | 4.97 | | 13.00 |
| 8/15/2008 | 10.71 | 19.34 | 8.63 | | 4.60 |
| 7/16/2008 | 11.84 | 21.63 | 9.79 | | 53.00 |
| 6/18/2008 | 9.07 | 10.08 | 1.01 | | 2.70 |
| 5/15/2008 | 10.95 | 15.08 | 4.13 | | 10.00 |
| 4/16/2008 | 10.94 | 15.60 | 4.66 | | 9.70 |
| 3/18/2008 | 10.86 | 16.86 | 6.00 | 3/22/2008 | 14.00 |

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|---|---|---|---|---|---|
| 2/20/2008 | 12.76 | 17.70 | 4.94 | | 22.00 |
| 1/23/2008 | 10.98 | 16.59 | 5.61 | 1/23/2008 | 23.00 |
| 12/17/2007 | 11.30 | 16.41 | 5.11 | 12/17/2007 | 29.00 |
| 11/15/2007 | 10.18 | 14.93 | 4.75 | 11/15/2007 | 11.00 |
| 10/22/2007 | 9.58 | | (9.58) | 10/22/07 | 7.40 |
| 9/15/2007 | 9.06 | 10.78 | 1.72 | 9/15/2007 | 2.50 |
| 8/17/2007 | 10.57 | 14.44 | 3.87 | 8/17/2007 | 12.00 |
| 7/17/2007 | 9.17 | 10.66 | 1.49 | 7/17/2007 | 6.90 |
| 6/16/2007 | 10.24 | 9.79 | (0.45) | 6/16/2007 | 7.80 |
| 5/17/2007 | 10.66 | 11.75 | 1.09 | 5/21/2007 | 13.00 |
| 4/17/2007 | 11.53 | 15.06 | 3.53 | 4/17/2007 | 15.00 |
| 3/14/2007 | 13.43 | 17.18 | 3.75 | 3/14/2007 | 15.00 |
| 2/13/2007 | 11.22 | 16.43 | 5.21 | 2/13/2007 | 13.00 |
| 1/15/2007 | | | 0.00 | | |
| 12/14/2006 | 11.70 | 14.44 | 2.74 | 12/14/2006 | |
| 11/15/2006 | 11.27 | 14.25 | 2.98 | 11/15/2006 | 12.00 |
| 10/17/2006 | 10.63 | 14.34 | 3.71 | 10/17/2006 | 13.00 |
| 9/16/2006 | 10.32 | 14.42 | 4.10 | 9/16/2006 | 12.00 |
| 8/18/2006 | 13.02 | 22.35 | 9.33 | 8/18/2006 | 0.00 |
| 7/15/2006 | 6.67 | 11.23 | 4.56 | 7/15/2006 | 5.50 |
| 6/15/2006 | 6.19 | 7.51 | 1.32 | 6/15/2006 | 1.10 |
| 5/15/2006 | 7.88 | 9.19 | 1.31 | 5/15/2006 | 6.90 |
| 4/15/2006 | 9.29 | 11.65 | 2.36 | 4/15/2006 | 7.90 |
| 3/15/2006 | 9.27 | 13.85 | 4.58 | 3/15/2006 | 13.00 |
| 2/16/2006 | 9.50 | 13.67 | 4.17 | 2/16/2006 | 13.00 |
| 1/19/2006 | 9.44 | 13.55 | 4.11 | 1/19/2006 | 26.00 |
| 12/17/2005 | 9.23 | 13.66 | 4.43 | 12/15/2005 | 17.00 |
| 11/18/2005 | 8.52 | 13.53 | 5.01 | 11/18/2005 | 12.00 |
| 10/19/2005 | 8.00 | 11.62 | 3.62 | 10/19/2005 | 7.10 |
| 9/17/2005 | 8.28 | 11.53 | 3.25 | 9/17/2005 | |
| 8/18/2005 | 9.43 | 15.07 | 5.64 | 8/18/2005 | 4.60 |
| 7/16/2005 | 6.51 | 7.87 | 1.36 | 7/16/2005 | 0.71 |
| 6/16/2005 | 7.45 | 9.19 | 1.74 | 6/16/2005 | 2.10 |
| 5/16/2005 | 7.24 | 10.39 | 3.15 | 5/16/2005 | 7.10 |
| 4/20/2005 | 8.39 | 10.77 | 2.38 | 4/20/2005 | 13.00 |
| 3/17/2005 | 9.70 | 14.10 | 4.40 | 3/17/2005 | 16.00 |

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|---|---|---|---|---|---|
| 2/24/2005 | 10.94 | 15.47 | 4.53 | 2/24/2005 | 25.00 |
| 1/17/2005 | 8.29 | 13.95 | 5.66 | 1/17/2005 | 10.51 |
| 12/19/2004 | 8.01 | 14.36 | 6.35 | 12/19/2004 | 15.00 |
| 11/18/2004 | 7.71 | 13.09 | 5.38 | 11/18/2004 | 10.10 |
| 10/19/2004 | 6.8 | 11.6 | 4.80 | 10/19/2004 | 6.30 |
| 9/17/2004 | 5.64 | 7.61 | 1.97 | 9/17/2004 | 5.80 |
| 8/18/2004 | 6.95 | 12.3 | 5.35 | 8/18/2004 | 15.00 |
| 7/18/2004 | 6.17 | 8.56 | 2.39 | 7/18/2004 | 3.60 |
| 6/17/2004 | 6.67 | 6.68 | 0.01 | 6/17/2004 | 1.30 |
| 5/17/2004 | 6.8 | 8.15 | 1.35 | 5/17/2004 | 2.60 |
| 4/17/2004 | 8.04 | 11.91 | 3.87 | 4/17/2004 | 11.00 |
| 3/17/2004 | 9.12 | 14.89 | 5.77 | 3/17/2004 | 25.00 |
| 2/16/2004 | 10.23 | 14.79 | 4.56 | 2/16/2004 | 12.00 |
| 1/16/2004 | 10.68 | 15.38 | 4.70 | 1/16/2004 | 15.00 |
| 12/18/2003 | 10.29 | 15.20 | 4.91 | 12/18/2003 | 15 |
| 11/16/2003 | 8.64 | 13.34 | 4.70 | 11/16/2003 | 12 |
| 10/18/2003 | 7.63 | 9.61 | 1.98 | 10/18/2003 | 6.1 |
| 9/17/2003 | 6.46 | 8.61 | 2.15 | 9/17/2003 | 14 |
| 8/18/2003 | 7.51 | 10.26 | 2.75 | 8/18/2003 | 19 |
| 7/17/2003 | 6.90 | 7.82 | 0.92 | 7/17/2003 | 3.5 |
| 6/19/2003 | 6.46 | 7.71 | 1.25 | 6/19/2003 | 3.4 |
| 5/18/2003 | 7.55 | 10.91 | 3.36 | 5/18/2003 | 6.1 |
| 4/18/2003 | 9.14 | 13.26 | 4.12 | 4/18/2003 | 12 |
| 3/21/2003 | 9.67 | 16.45 | 6.78 | 3/21/2003 | 23 |
| 2/18/2003 | 9.64 | 17.08 | 7.44 | 2/18/2003 | 28 |
| 1/18/2003 | 9.17 | 16.21 | 7.04 | 1/18/2003 | 17 |
| 12/21/2002 | 10.52 | 15.72 | 5.20 | 12/21/2002 | 14 |
| 11/17/2002 | 10.90 | 14.64 | 3.74 | 11/17/2002 | 11 |
| 10/17/2002 | 9.46 | 11.97 | 2.51 | 10/17/2002 | 7.90 |
| 9/17/2002 | 8.31 | 12.87 | 4.56 | 9/17/2002 | 8.5 |
| 8/18/2002 | 8.12 | 9.21 | 1.09 | 8/18/2002 | 6.8 |
| 7/17/2002 | 8.24 | 13.86 | 5.62 | 7/17/2002 | 14 |
| 6/16/2002 | 8.23 | 8.75 | 0.52 | 6/16/2002 | 2.4 |
| 5/17/2002 | 8.81 | 8.59 | (0.22) | 5/17/2002 | 4.4 |
| 4/17/2002 | 10.93 | 12.77 | 1.84 | 4/17/2002 | 10 |
| 3/16/2002 | 10.89 | 15.69 | 4.80 | 3/16/2002 | 17 |
| 2/17/2002 | 10.89 | 15.42 | 4.53 | 2/17/2002 | 16 |

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|---|---|---|---|---|---|
| 1/17/2002 | 11.33 | 14.25 | 2.92 | 1/17/2002 | 14 |
| 12/17/2001 | 11.08 | 16.59 | 5.51 | 12/17/2001 | 16 |
| 11/18/2001 | 11.19 | 15.50 | 4.31 | 11/18/2001 | 13 |
| 10/18/2001 | 13.21 | 9.51 | (3.70) | 10/18/2001 | 9.6 |
| 9/18/2001 | 9.75 | 12.97 | 3.22 | 9/18/2001 | 9.7 |
| 8/19/2001 | 8.75 | 18.22 | 9.47 | 8/19/2001 | 21 |
| 7/17/2001 | 10.40 | 13.36 | 2.96 | 7/17/2001 | 10 |
| 6/17/2001 | 9.63 | 7.95 | (1.68) | 6/17/2001 | 4.5 |
| 5/17/2001 | 10.52 | 12.83 | 2.31 | 5/17/2001 | 9.7 |
| 4/16/2001 | 11.31 | 13.37 | 2.06 | 4/16/2001 | 14 |
| 3/19/2001 | 11.39 | 14.22 | 2.83 | 3/19/2001 | 18 |
| 2/17/2001 | 12.54 | 20.03 | 7.49 | 2/17/2001 | 27 |
| 1/15/2001 | 12.98 | 18.29 | 5.31 | 1/15/2001 | 21 |
| 12/18/2000 | 12.34 | 18.15 | 5.81 | 12/18/2000 | 19 |
| 11/18/2000 | | | | 11/18/2000 | 31 |
| 10/18/2000 | | | | 10/18/2000 | 16 |
| 9/18/2000 | 9.40 | 11.02 | 1.62 | 9/18/2000 | 8.3 |
| 8/17/2000 | 10.50 | 14.18 | 3.68 | 8/17/2000 | 13 |
| 7/17/2000 | 8.76 | 12.77 | 4.01 | 7/17/2000 | 9.1 |
| 6/17/2000 | 9.80 | 9.62 | (0.18) | 6/17/2000 | 38 |
| 5/17/2000 | 9.66 | 11.22 | 1.56 | 5/17/2000 | 7.3 |
| 4/19/2000 | 11.95 | 15.51 | 3.56 | 4/19/2000 | 12 |
| 3/16/2000 | 11.80 | 18.83 | 7.03 | 3/16/2000 | 16 |
| 2/17/2000 | 13.15 | 18.76 | 5.61 | 2/17/2000 | 19 |
| 1/16/2000 | 13.77 | 16.78 | 3.01 | 1/16/2000 | 13 |
| 12/18/1999 | 14.48 | 18.32 | 3.84 | 12/18/1999 | 18 |
| 11/19/1999 | 13.02 | 16.40 | 3.38 | 11/19/1999 | 15 |
| 10/18/1999 | 13.35 | 16.93 | 3.58 | 10/18/1999 | 14 |
| 9/17/1999 | 12.02 | 15.33 | 3.31 | 9/17/1999 | 13 |
| 8/17/1999 | 13.46 | 18.01 | 4.55 | 8/17/1999 | 27 |
| 7/17/1999 | 15.65 | 24.19 | 8.54 | 7/17/1999 | 31 |
| 6/17/1999 | 12.40 | 13.67 | 1.27 | 6/17/1999 | 10 |
| 5/19/1999 | 13.17 | 14.42 | 1.25 | 5/19/1999 | 12 |
| 4/23/1999 | 15.93 | 20.36 | 4.43 | 4/23/1999 | 17 |
| 3/17/1999 | 16.83 | 20.69 | 3.86 | 3/17/1999 | 26 |
| 2/17/1999 | 17.65 | 21.83 | 4.18 | 2/17/1999 | 22 |
| 1/17/1999 | 18.18 | 21.83 | 3.65 | 1/17/1999 | 29 |

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|---|---|---|---|---|---|
| 12/16/1998 | 18.35 | 22.48 | 4.13 | 12/16/1998 | 32 |
| 11/17/1998 | 18.26 | 22.35 | 4.09 | 11/17/1998 | 21 |
| 10/15/1998 | 17.37 | 18.43 | 1.06 | 10/15/1998 | 17 |
| 9/17/1998 | 15.14 | 17.96 | 2.82 | 9/17/1998 | 17 |
| 8/17/1998 | 16.84 | 20.33 | 3.49 | 8/17/1998 | 27 |
| 7/16/1998 | 14.40 | 16.05 | 1.65 | 7/16/1998 | 9.3 |
| 6/15/1998 | 15.34 | 17.57 | 2.23 | 6/15/1998 | 11 |
| 5/17/1998 | 17.06 | 21.37 | 4.31 | 5/17/1998 | 17 |
| 4/17/1998 | 17.02 | 22.70 | 5.68 | 4/17/1998 | 35 |
| 3/16/1998 | 15.29 | 24.57 | 9.28 | 3/16/1998 | 23 |
| 2/16/1998 | 36.40 | | | 2/16/1998 | 233 |
| 1/17/1998 | 11.29 | 16.30 | 5.01 | 1/17/1998 | 4.2 |
| 12/17/1997 | 12.88 | 17.30 | 4.42 | 12/17/1997 | 2.3 |
| 11/16/1997 | 12.01 | 15.74 | 3.73 | 11/16/1997 | 14 |
| 10/18/1997 | 10.29 | 13.54 | 3.25 | 10/18/1997 | 9.2 |
| 9/16/1997 | 10.51 | 15.05 | 4.54 | 9/16/1997 | 14 |
| 12/18/1996 | 13.86 | 18.81 | 4.95 | 12/18/1996 | 22 |
| 11/20/1996 | 13.71 | 13.99 | 0.28 | 11/20/1996 | 17 |
| 10/15/1996 | 13.97 | 15.11 | 1.14 | 10/15/1996 | 17 |
| 9/17/1996 | 13.69 | 15.55 | 1.86 | 9/17/1996 | 14 |
| 8/16/1996 | 12.03 | 12.96 | 0.93 | 8/16/1996 | 11 |
| 7/17/1996 | 14.69 | 17.92 | 3.23 | 7/17/1996 | 12 |
| 7/6/1996 | 12.16 | 13.43 | 1.27 | 7/5/1996 | 19 |
| 3/15/1996 | 17.78 | 23.03 | 5.25 | 3/15/1996 | 26 |
| 2/25/1996 | 18.41 | 21.98 | 3.57 | 2/25/1996 | 27 |
| 2/10/1996 | 20.52 | 24.17 | 3.65 | 2/10/1996 | 28 |
| 1/25/1996 | 19.45 | 25.16 | 5.71 | 1/25/1996 | 26 |
| 1/11/1996 | 20.41 | 26.47 | 6.06 | 1/11/1996 | 24 |
| 12/26/1995 | 20.29 | 25.15 | 4.86 | 12/26/1995 | 24 |
| 12/11/1995 | 20.82 | 25.79 | 4.97 | 12/11/1995 | 24 |
| 11/25/1995 | 20.89 | 25.65 | 4.76 | 11/25/1995 | 24 |
| 11/10/1995 | 20.95 | 25.22 | 4.27 | 11/10/1995 | 34 |
| 10/25/1995 | 19.64 | 23.50 | 3.86 | 10/25/1995 | 23 |
| 10/11/1995 | 20.03 | 22.47 | 2.44 | 10/11/1995 | 21 |
| 9/25/1995 | 22.19 | 24.35 | 2.16 | 9/25/1995 | 22 |
| 9/11/1995 | 21.42 | 25.74 | 4.32 | 9/11/1995 | 24 |
| 8/27/1995 | 22.79 | 26.73 | 3.94 | 8/27/1995 | 28 |

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|---|---|---|---|---|---|
| 8/10/1995 | 18.90 | 20.62 | 1.72 | 8/10/1995 | 19 |
| 7/25/1995 | 21.40 | 24.66 | 3.26 | 7/25/1995 | 18 |
| 7/10/1995 | 21.46 | 21.94 | 0.48 | 7/10/1995 | 16 |
| 6/26/1995 | 22.76 | 22.54 | (0.22) | 6/26/1995 | 16 |
| 6/12/1995 | 22.67 | 21.41 | (1.26) | 6/12/1995 | 22 |
| 5/26/1995 | 22.34 | 23.49 | 1.15 | 5/26/1995 | 29 |
| 5/11/1995 | 23.56 | 24.39 | 0.83 | 5/11/1995 | 32 |
| 4/26/1995 | 24.01 | 26.56 | 2.55 | 4/26/1995 | 29 |
| 4/10/1995 | 24.33 | 28.19 | 3.86 | 4/10/1995 | 31 |
| 3/26/1995 | 23.62 | 27.51 | 3.89 | 3/26/1995 | 38 |
| 3/10/1995 | 27.34 | 29.50 | 2.16 | 3/10/1995 | 66 |
| 2/25/1995 | 27.17 | 34.98 | 7.81 | 2/25/1995 | 65 |
| 2/10/1995 | 19.54 | 25.10 | 5.56 | 2/10/1995 | 63 |
| 1/26/1995 | 20.93 | 27.57 | 6.64 | 1/26/1995 | 34 |
| 1/10/1995 | 24.98 | 34.85 | 9.87 | 1/10/1995 | 69 |
| 12/26/1994 | 19.73 | 24.33 | 4.60 | 12/26/1994 | 24 |
| 12/10/1994 | 21.44 | 24.31 | 2.87 | 12/10/1994 | 27 |
| 11/25/1994 | 17.48 | 20.75 | 3.27 | 11/25/1994 | 23 |
| 11/10/1994 | 15.99 | 18.92 | 2.93 | 11/10/1994 | 18 |
| 10/25/1994 | 15.15 | 18.36 | 3.21 | 10/25/1994 | 17 |
| 10/10/1994 | 15.72 | 17.67 | 1.95 | 10/10/1994 | 16 |
| 9/25/1994 | 16.62 | 19.62 | 3.00 | 9/25/1994 | 16 |
| 9/10/1994 | 15.89 | 18.04 | 2.15 | 9/10/1994 | 19 |
| 8/26/1994 | 17.15 | 20.01 | 2.86 | 8/26/1994 | 24 |
| 8/9/1994 | 18.33 | 21.98 | 3.65 | 8/9/1994 | 24 |
| 7/25/1994 | 18.22 | 16.88 | (1.34) | 7/25/1994 | 15 |
| 7/10/1994 | 15.07 | 15.72 | 0.65 | 7/10/1994 | 11 |
| 6/25/1994 | 17.31 | 17.04 | (0.27) | 6/25/1994 | 12 |
| 6/10/1994 | 17.47 | 17.72 | 0.25 | 6/10/1994 | 13 |
| 5/25/1994 | 22.26 | 24.99 | 2.73 | 5/25/1994 | 22 |
| 5/9/1994 | 19.32 | 20.86 | 1.54 | 5/9/1994 | 19 |
| 4/27/1994 | 20.50 | 24.56 | 4.06 | 4/27/1994 | 25 |
| 4/10/1994 | 20.31 | 25.12 | 4.81 | 4/10/1994 | 25 |
| 3/25/1994 | 21.57 | 28.73 | 7.16 | 3/25/1994 | 38 |
| 3/11/1994 | 20.73 | 26.12 | 5.39 | 3/11/1994 | 30 |
| 2/25/1994 | | 25.32 | | 2/25/1994 | 38 |
| 2/10/1994 | | 34.01 | | 2/10/1994 | 115 |

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|---|---|---|---|---|---|
| 1/24/1994 | | 27.68 | | 1/24/1994 | 31 |
| 1/11/1994 | | 27.01 | | 1/11/1994 | 30 |
| 12/24/1993 | | 29.09 | | | |
| 12/10/1993 | | 29.20 | | | |
| 11/25/1993 | | 28.47 | | | |
| 11/10/1993 | | 26.21 | | | |
| 11/1/1993 | | 30.84 | | | |
| 10/13/1993 | | 27.37 | | | |
| 9/28/1993 | | 28.64 | | | |
| 9/12/1993 | 31.96 | 36.56 | | | |
| 8/30/1993 | 22.63 | 29.82 | | | |
| 8/17/1993 | 17.01 | 26.74 | | | |
| 7/25/1993 | 25.58 | 28.92 | | | |
| 7/6/1993 | 15.51 | 24.55 | | | |
| 6/22/1993 | 23.98 | 29.30 | | | |
| 6/6/1993 | 20.24 | 26.49 | | | |
| 5/25/1993 | 16.60 | 20.25 | | | |
| 5/6/1993 | 16.20 | 20.13 | | | |
| 4/22/1993 | 20.33 | 21.96 | | | |
| 4/2/1993 | 18.74 | 27.95 | | | |
| 3/15/1993 | 23.86 | 35.87 | | | |
| 3/2/1993 | 37.51 | 48.79 | | | |
| 2/22/1993 | 60.99 | 100.36 | | | |
| 1/30/1993 | 30.62 | 51.28 | | | |
| 1/23/1993 | 47.93 | 135.04 | | | |
| 12/21/1992 | 18.32 | 23.32 | | | |
| 12/6/1992 | 19.02 | 24.84 | | | |
| 11/22/1992 | 17.17 | 22.84 | | | |
| 11/6/1992 | 17.34 | 23.26 | | | |
| 10/24/1992 | 17.16 | 22.35 | | | |
| 10/5/1992 | 17.29 | 20.94 | | | |
| 9/20/1992 | 19.88 | 22.48 | | | |
| 9/6/1992 | 18.53 | 22.79 | | | |
| 8/23/1992 | 21.09 | 23.60 | | | |
| 8/10/1992 | 22.77 | 24.35 | | | |
| 7/28/1992 | 20.10 | 22.90 | | | |
| 7/13/1992 | 20.98 | 18.76 | | | |

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|---|---|---|---|---|---|
| 6/30/1992 | 22.63 | 22.85 | | | |
| 6/15/1992 | 21.22 | 20.90 | | | |
| 6/1/1992 | 20.34 | 21.96 | | | |
| 5/10/1992 | 20.24 | 27.42 | | | |
| 4/26/1992 | 18.32 | 19.38 | | | |
| 4/15/1992 | 19.26 | 20.14 | | | |
| 3/29/1992 | 22.44 | 26.71 | | | |
| 3/13/1992 | 19.87 | 23.07 | | | |
| 2/29/1992 | 21.72 | 26.87 | | | |
| 2/15/1992 | 43.48 | 62.25 | | | |
| 2/1/1992 | 18.46 | 21.80 | | | |
| 1/18/1992 | 20.10 | 25.94 | | | |
| 12/20/1991 | 18.44 | 28.72 | | | |
| 12/9/1991 | 18.39 | 21.15 | | | |
| 11/10/1991 | 19.88 | 22.54 | | | |
| 10/27/1991 | 20.30 | 21.78 | | | |
| 10/19/1991 | 19.00 | 18.20 | | | |
| 9/29/1991 | 18.03 | 21.76 | | | |
| 9/15/1991 | | 16.95 | | | |
| 8/11/1991 | 18.25 | 21.88 | | | |
| 7/29/1991 | 19.11 | 16.67 | | | |
| 7/14/1991 | 18.18 | | | | |
| 6/23/1991 | | | | | |
| 5/12/1991 | 19.64 | | | | |
| 4/28/1991 | | 22.76 | | | |
| 3/20/1991 | | 20.90 | | | |
| 2/20/1991 | | 20.20 | | | |
| 12/3/1990 | | 11.00 | | | |
| 11/18/1990 | | 14.70 | | | |
| 9/6/1990 | | 17.30 | | | |

Locations
School House site: LAT 32°52´40˝, LOG 110°23´31˝
Wilderness site: LAT 32°53´52˝, LOG 110°26´28˝
Groundwater monitoring well: LAT 32°52´29˝, LOG 110°22´51˝
West Side (Woods Ranch) LAT 32°53´48˝, LOG 110°34´02˝

| averages* | School Hse Site (avera |
|---|---|
| January | 15.98 |
| February | 18.63 |
| March | 15.71 |

**Notes/Comments:**

sw
sw
sw

sw
sw
sw - water cloudy at Schoolhouse site; water murky at Wilderness site; high flow earlier in the week
sw - vegetation in stream channel maturing and beginning to break up
sw - vegetation in stream channel persists
sw- significant vegetative growth in the stream channel
sw- significant vegetative growth in the stream channel
sw - shwrs and snw flrries ystrdy & last night; aquatic vegetation in the stream channel increasing
sw
sw
sw
sw
sw - high flows on the two previous days
sw - p.m. showers; streamflow murky

sw
sw
sw
sw
sw
sw
sw
sw
sw - USGS webpage not providing realistic data
sw
sw
sw
sw
sw
sw
sw
sw
sw
sw
sw
sw
no data available from USGS - sw
sw
no data available from USGS - sw
sw
sw
sw
sw
sw
sw
sw

sw

wilderness boundary not surveyed

no survey

School Hse Site measured on 11/17/2006

USGS Gauge non-op?  (damaged in Late July flooding)

| | |
|---|---|
| April | 14.75 |
| May | 13.86 |
| June | 12.80 |
| July | 13.07 |
| August | 13.49 |
| September | 13.76 |
| October | 13.24 |
| November | 13.69 |
| December | 14.34 |

* taking reading closest to the middle

Flow measured at west side (Woods Ranch) 1/31/2006 - 17.21CFS
measured flow at west side (Woods Ranch)  - 16.46 cfs

USGS Gauge non-op

5.68 reading at school hse taken at 1300 to compare morning vs afternoon discharge
Steve Tillinghast start.
All USGS data from 10-17-2002 to here = mean daily flow except where noted otherwise

| Date: | Schoolhouse Site: |
|---|---|
| 12/17/2005 | 9.23 |
| 11/18/2005 | 8.52 |
| 10/19/2005 | 8.00 |
| 9/17/2005 | 8.28 |
| 8/18/2005 | 9.43 |
| 7/16/2005 | 6.51 |
| 6/16/2005 | 7.45 |
| 5/16/2005 | 7.24 |

| | |
|---|---|
| 4/20/2005 | 8.39 |
| 3/17/2005 | 9.70 |
| 2/24/2005 | 10.94 |
| 1/17/2005 | 8.29 |

USGS = Actual measured flow

USGS = Actual measured flow

(JS) Water turbid; flash flood yesterday & day before yesterday. Some increased flow due to rain ( 1 hr earlier) at this time.

flood event

| Boundry Site (ave | School Hse S | Boundry Site 2005 |
|---|---|---|
| 22.96 | 8.29 | 13.95 |
| 24.09 | 10.94 | 15.47 |
| 21.28 | 9.70 | 14.10 |

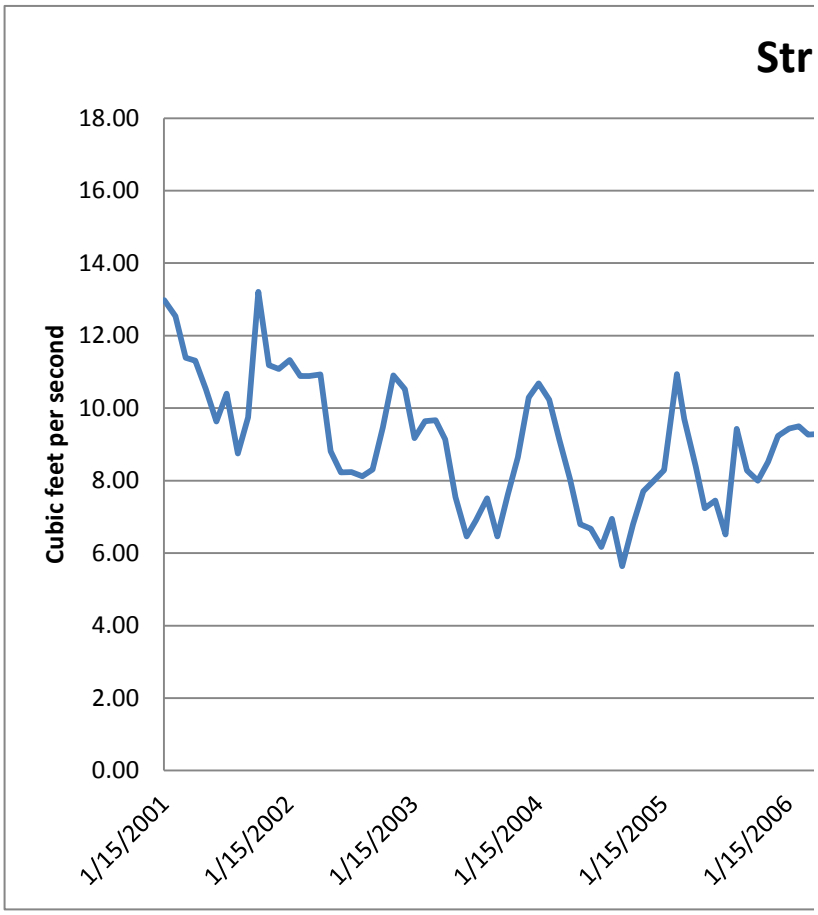
| | | |
|---|---|---|
| 18.37 | 8.39 | 10.77 |
| 15.89 | 7.24 | 10.39 |
| 14.21 | 7.45 | 9.19 |
| 15.72 | 6.51 | 7.87 |
| 17.58 | 9.43 | 15.07 |
| 16.60 | 8.28 | 11.53 |
| 16.17 | 8.00 | 11.62 |
| 17.93 | 8.52 | 13.53 |
| 19.56 | 9.23 | 13.66 |

e of the month, no flood events, n varies from 11 to 16 (years 2005 to 1990) depending on record (some months missing)

| Boundary Site: | difference | USGS |
|---|---|---|
| 13.66 | 4.43 | 17.00 |
| 13.53 | 5.01 | 12.00 |
| 11.62 | 3.62 | 7.10 |
| 11.53 | 3.25 | N/A |
| 15.07 | 5.64 | 4.60 |
| 7.87 | 1.36 | 0.71 |
| 9.19 | 1.74 | 2.10 |
| 10.39 | 3.15 | 7.10 |

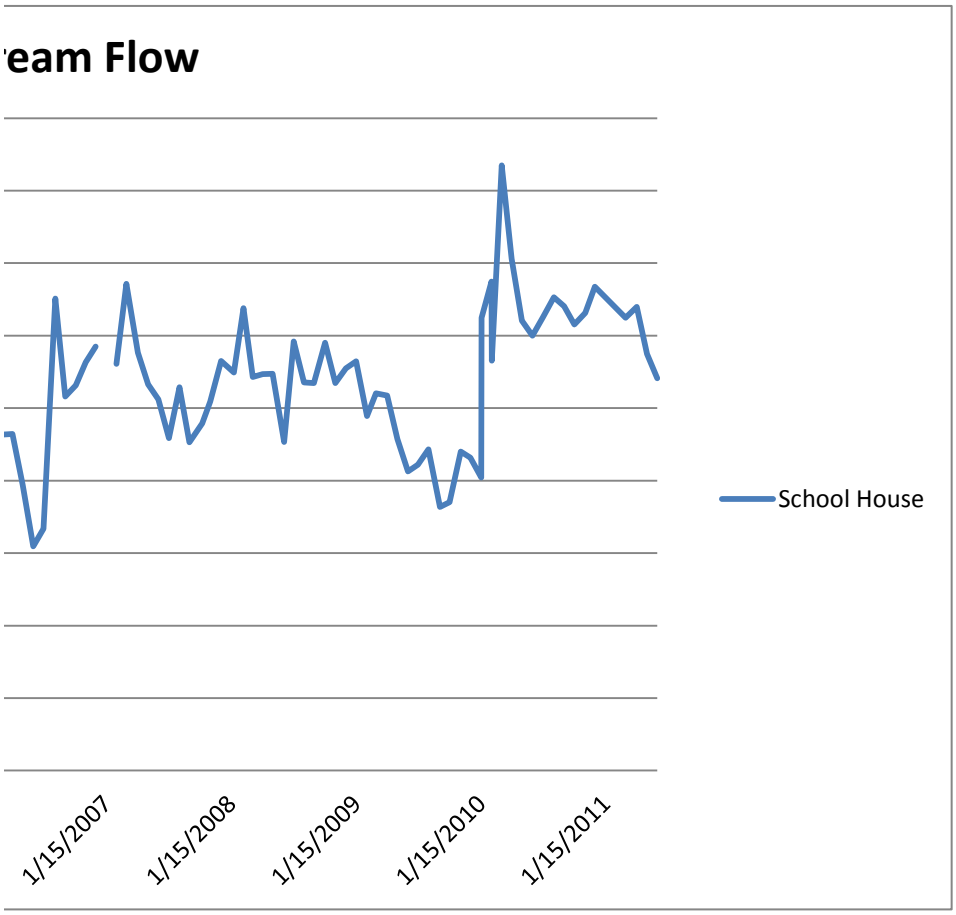
| | | |
|---|---|---|
| 10.77 | 2.38 | 13.00 |
| 14.10 | 4.40 | 16.00 |
| 15.47 | 4.53 | 25.00 |
| 13.95 | 5.66 | 10.51 |

| | |
|---|---|
| 6/15/2011 | 10.82 |
| 5/16/2011 | 11.50 |
| 4/16/2011 | 12.79 |
| 3/15/2011 | 12.49 |
| 2/15/2010 | 13.49 |
| 1/17/2010 | 12.49 |
| 12/15/2010 | 13.35 |
| 11/17/2010 | 12.63 |
| 10/16/2010 | 12.31 |
| 9/16/2010 | 12.81 |
| 8/17/2010 | 13.06 |
| 7/16/2010 | 12.51 |
| 6/15/2010 | 12.00 |
| 5/15/2010 | 12.41 |
| 4/15/2010 | 14.12 |
| 3/17/2010 | 16.70 |
| 2/16/2010 | 11.31 |
| 1/16/2010 | 8.09 |
| 12/15/2009 | 8.63 |
| 11/17/2009 | 8.80 |
| 10/15/2009 | 7.40 |
| 9/17/2009 | 7.28 |
| 8/15/2009 | 8.86 |
| 7/15/2009 | 8.44 |
| 6/16/2009 | 8.25 |
| 5/16/2009 | 9.15 |
| 4/16/2009 | 10.34 |
| 3/14/2009 | 10.41 |
| 2/16/2009 | 9.78 |
| 1/15/2009 | 11.29 |
| 12/16/2008 | 11.10 |
| 11/15/2008 | 10.69 |
| 10/16/2008 | 11.81 |
| 9/13/2008 | 10.69 |
| 8/15/2008 | 10.71 |
| 7/16/2008 | 11.84 |
| 6/18/2008 | 9.07 |
| 5/15/2008 | 10.95 |
| 4/16/2008 | 10.94 |
| 3/18/2008 | 10.86 |
| 2/20/2008 | 12.76 |
| 1/23/2008 | 10.98 |
| 12/17/2007 | 11.30 |
| 11/15/2007 | 10.18 |
| 10/22/2007 | 9.58 |
| 9/15/2007 | 9.06 |
| 8/17/2007 | 10.57 |
| 7/17/2007 | 9.17 |
| 6/16/2007 | 10.24 |
| 5/17/2007 | 10.66 |
| 4/17/2007 | 11.53 |
| 3/14/2007 | 13.43 |



| | |
|---|---|
| 2/13/2007 | 11.22 |
| 1/15/2007 | |
| 12/14/2006 | 11.70 |
| 11/15/2006 | 11.27 |
| 10/17/2006 | 10.63 |
| 9/16/2006 | 10.32 |
| 8/18/2006 | 13.02 |
| 7/15/2006 | 6.67 |
| 6/15/2006 | 6.19 |
| 5/15/2006 | 7.88 |
| 4/15/2006 | 9.29 |
| 3/15/2006 | 9.27 |
| 2/16/2006 | 9.50 |
| 1/19/2006 | 9.44 |
| 12/17/2005 | 9.23 |
| 11/18/2005 | 8.52 |
| 10/19/2005 | 8.00 |
| 9/17/2005 | 8.28 |
| 8/18/2005 | 9.43 |
| 7/16/2005 | 6.51 |
| 6/16/2005 | 7.45 |
| 5/16/2005 | 7.24 |
| 4/20/2005 | 8.39 |
| 3/17/2005 | 9.70 |
| 2/24/2005 | 10.94 |
| 1/17/2005 | 8.29 |
| 12/19/2004 | 8.01 |
| 11/18/2004 | 7.71 |
| 10/19/2004 | 6.8 |
| 9/17/2004 | 5.64 |
| 8/18/2004 | 6.95 |
| 7/18/2004 | 6.17 |
| 6/17/2004 | 6.67 |
| 5/17/2004 | 6.8 |
| 4/17/2004 | 8.04 |
| 3/17/2004 | 9.12 |
| 2/16/2004 | 10.23 |
| 1/16/2004 | 10.68 |
| 12/18/2003 | 10.29 |
| 11/16/2003 | 8.64 |
| 10/18/2003 | 7.63 |
| 9/17/2003 | 6.46 |
| 8/18/2003 | 7.51 |
| 7/17/2003 | 6.90 |
| 6/19/2003 | 6.46 |
| 5/18/2003 | 7.55 |
| 4/18/2003 | 9.14 |
| 3/21/2003 | 9.67 |
| 2/18/2003 | 9.64 |
| 1/18/2003 | 9.17 |
| 12/21/2002 | 10.52 |
| 11/17/2002 | 10.90 |
| 10/17/2002 | 9.46 |
| 9/17/2002 | 8.31 |

| | |
|---|---|
| 8/18/2002 | 8.12 |
| 7/17/2002 | 8.24 |
| 6/16/2002 | 8.23 |
| 5/17/2002 | 8.81 |
| 4/17/2002 | 10.93 |
| 3/16/2002 | 10.89 |
| 2/17/2002 | 10.89 |
| 1/17/2002 | 11.33 |
| 12/17/2001 | 11.08 |
| 11/18/2001 | 11.19 |
| 10/18/2001 | 13.21 |
| 9/18/2001 | 9.75 |
| 8/19/2001 | 8.75 |
| 7/17/2001 | 10.40 |
| 6/17/2001 | 9.63 |
| 5/17/2001 | 10.52 |
| 4/16/2001 | 11.31 |
| 3/19/2001 | 11.39 |
| 2/17/2001 | 12.54 |
| 1/15/2001 | 12.98 |


eam Flow
1/15/2007
1/15/2008
1/15/2009
1/15/2010
1/15/2011
School House