**USGS 03275600 / GMW070-0006 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 148.3292 | 7.155321 | 0.126553 | 17.43007 |
| 1992 |  | 81.04325 | 3.419998 | 0.079096 | 9.295681 |
| 1993 |  | 173.5055 | 7.796833 | 0.17337 | 24.23862 |
| 1994 |  | 88.59004 | 3.827204 | 0.083167 | 10.25287 |
| 1995 |  | 93.74199 | 3.778928 | 0.096202 | 14.08576 |
| 1996 |  | 163.705 | 6.703844 | 0.188085 | 39.96264 |
| 1997 |  | 124.2961 | 4.904739 | 0.124277 | 19.06462 |
| 1998 |  | 112.8865 | 4.207255 | 0.113518 | 17.98139 |
| 1999 |  | 99.33621 | 3.827765 | 0.090941 | 12.41061 |
| 2000 |  | 57.82419 | 2.024588 | 0.051197 | 7.068007 |
| 2001 |  | 164.0438 | 5.648167 | 0.146224 | 20.2882 |
|  |  | 118.8456 | 4.844967 | 0.115694 | 17.46168 |
| 2002 |  | 152.9118 | 5.251694 | 0.139713 | 32.47125 |
| 2003 |  | 194.2121 | 6.305548 | 0.168401 | 36.90031 |
| 2004 |  | 131.9041 | 4.274057 | 0.099371 | 20.48007 |
| 2005 |  | 179.8572 | 5.916437 | 0.129528 | 32.26404 |
| 2006 |  | 192.6406 | 5.866198 | 0.11217 | 21.06097 |
| 2007 |  | 149.5901 | 4.686865 | 0.07751 | 15.6564 |
| 2008 |  | 157.0145 | 4.591462 | 0.073048 | 17.34211 |
| 2009 |  | 110.9857 | 3.05229 | 0.041635 | 8.331291 |
| 2010 |  | 91.0084 | 2.435291 | 0.029326 | 6.143123 |
| 2011 |  | 181.9321 | 4.916454 | 0.05959 | 22.02853 |
| 2012 |  | 92.73983 | 2.405488 | 0.020164 | 3.67771 |
|  |  | 148.6179 | 4.518344 | 0.086405 | 19.66871 |
|  |  | 133.7 | 4.68 | 0.10 | 18.57 |

**USGS 03302800 / OBS140-0004 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 98.52343 | 3.276727 | 0.044128 | 9.836238 |
| 1992 |  | 43.99624 | 1.226052 | 0.021564 | 3.945443 |
| 1993 |  | 108.5861 | 3.630246 | 0.060327 | 10.81389 |
| 1994 |  | 78.05853 | 2.474274 | 0.040839 | 7.764742 |
| 1995 |  | 83.39085 | 2.592469 | 0.050166 | 10.23033 |
| 1996 |  | 168.3361 | 5.561167 | 0.108447 | 25.27861 |
| 1997 |  | 121.3621 | 3.896179 | 0.071676 | 14.94132 |
| 1998 |  | 83.05264 | 2.472543 | 0.048736 | 9.100506 |
| 1999 |  | 75.12911 | 2.252524 | 0.039518 | 7.209836 |
| 2000 |  | 93.90063 | 2.770337 | 0.053502 | 8.863864 |
| 2001 |  | 91.0364 | 2.894061 | 0.056191 | 9.389398 |
|  |  | 95.03383 | 3.004235 | 0.054099 | 10.67038 |
| 2002 |  | 122.8798 | 3.756502 | 0.072044 | 15.37656 |
| 2003 |  | 107.9461 | 3.289743 | 0.061104 | 12.3892 |
| 2004 |  | 149.8522 | 4.646594 | 0.089393 | 19.90522 |
| 2005 |  | 109.6186 | 3.208894 | 0.054301 | 11.24589 |
| 2006 |  | 158.9075 | 5.021393 | 0.090608 | 18.442 |
| 2007 |  | 95.62677 | 2.842241 | 0.043913 | 9.507921 |
| 2008 |  | 150.9922 | 4.207081 | 0.06688 | 20.1425 |
| 2009 |  | 111.4881 | 3.502363 | 0.063595 | 14.78114 |
| 2010 |  | 83.7893 | 2.273069 | 0.032293 | 8.216418 |
| 2011 |  | 144.2951 | 4.092798 | 0.058852 | 20.51123 |
| 2012 |  | 80.36645 | 2.161394 | 0.026247 | 7.533541 |
|  |  | 119.6147 | 3.545643 | 0.05993 | 14.36833 |
|  |  | 107.3 | 3.27 | 0.06 | 12.52 |

**USGS 03325500 / WMI020-0002 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 65.75089 | 4.473939 | 0.064129 | 18.95418 |
| 1992 |  | 89.48462 | 5.97356 | 0.123035 | 30.55296 |
| 1993 |  | 95.56062 | 6.841848 | 0.134072 | 37.97216 |
| 1994 |  | 38.98754 | 2.146774 | 0.043984 | 6.864145 |
| 1995 |  | 53.37793 | 3.27582 | 0.069934 | 11.1353 |
| 1996 |  | 92.28489 | 6.649628 | 0.13986 | 25.04212 |
| 1997 |  | 74.19837 | 5.271202 | 0.113386 | 25.85463 |
| 1998 |  | 72.16744 | 4.974773 | 0.124509 | 28.00853 |
| 1999 |  | 46.67953 | 3.007651 | 0.064515 | 7.473996 |
| 2000 |  | 48.39214 | 2.819613 | 0.072999 | 7.075908 |
| 2001 |  | 67.31 | 4.260314 | 0.105676 | 9.6218 |
|  |  | 67.654 | 4.517739 | 0.096009 | 18.95961 |
| 2002 |  | 66.90673 | 4.781407 | 0.103136 | 16.38801 |
| 2003 |  | 98.55049 | 6.853704 | 0.177795 | 26.18594 |
| 2004 |  | 62.43067 | 3.943728 | 0.08779 | 7.666447 |
| 2005 |  | 100.9584 | 7.095395 | 0.160836 | 25.96952 |
| 2006 |  | 104.7351 | 7.681787 | 0.152162 | 19.29905 |
| 2007 |  | 82.43947 | 6.245077 | 0.105502 | 14.55891 |
| 2008 |  | 90.34877 | 6.849281 | 0.111784 | 19.94697 |
| 2009 |  | 52.50504 | 3.426967 | 0.052985 | 7.23776 |
| 2010 |  | 47.17505 | 3.025252 | 0.04354 | 5.864402 |
| 2011 |  | 119.4255 | 9.688924 | 0.123283 | 31.26678 |
| 2012 |  | 55.96453 | 3.365571 | 0.040334 | 3.863182 |
|  |  | 80.13089 | 5.723372 | 0.105377 | 16.20427 |
|  |  | 73.9 | 5.12 | 0.10 | 17.58 |

**USGS 03326500 / WMI060-0005 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 83.55488 | 4.36442 | 0.12154 | 40.23291 |
| 1992 |  | 90.44076 | 4.371675 | 0.158906 | 42.77888 |
| 1993 |  | 97.88984 | 5.134309 | 0.159415 | 42.41139 |
| 1994 |  | 46.98613 | 1.893975 | 0.046774 | 13.63887 |
| 1995 |  | 52.91855 | 2.081431 | 0.063987 | 19.00146 |
| 1996 |  | 85.41196 | 4.316668 | 0.138996 | 36.06296 |
| 1997 |  | 75.29903 | 3.690631 | 0.106751 | 26.16374 |
| 1998 |  | 93.26651 | 4.096889 | 0.200842 | 53.92839 |
| 1999 |  | 62.25378 | 3.11268 | 0.079664 | 15.61126 |
| 2000 |  | 56.31721 | 2.198907 | 0.072016 | 14.44042 |
| 2001 |  | 93.15304 | 4.618157 | 0.144567 | 22.63745 |
|  |  | 76.13561 | 3.625431 | 0.117587 | 29.71888 |
| 2002 |  | 80.39978 | 3.90526 | 0.126719 | 28.53764 |
| 2003 |  | 127.361 | 6.26962 | 0.350184 | 86.85897 |
| 2004 |  | 66.75673 | 3.120863 | 0.094848 | 16.38922 |
| 2005 |  | 96.82154 | 4.774092 | 0.186843 | 30.15602 |
| 2006 |  | 100.9702 | 5.349499 | 0.165351 | 25.5044 |
| 2007 |  | 88.40931 | 4.839578 | 0.147242 | 22.74839 |
| 2008 |  | 87.80043 | 4.513984 | 0.149953 | 29.54823 |
| 2009 |  | 76.19574 | 3.597584 | 0.123312 | 26.55451 |
| 2010 |  | 64.75019 | 2.926192 | 0.120083 | 27.12716 |
| 2011 |  | 89.10537 | 4.56303 | 0.1918 | 40.74672 |
| 2012 |  | 65.66351 | 3.12329 | 0.086712 | 13.91806 |
|  |  | 85.83944 | 4.271181 | 0.158459 | 31.64448 |
|  |  | 81.0 | 3.95 | 0.14 | 30.68 |

**USGS 03327500 / WUW160-0006 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 49.61426 | 1.977535 | 0.078378 | 19.55285 |
| 1992 |  | 52.8849 | 1.952693 | 0.086464 | 21.01277 |
| 1993 |  | 80.60692 | 3.468958 | 0.151521 | 36.76968 |
| 1994 |  | 34.85106 | 1.597353 | 0.058173 | 12.00116 |
| 1995 |  | 41.75848 | 1.946147 | 0.073439 | 15.42809 |
| 1996 |  | 60.90421 | 2.752579 | 0.136234 | 31.10836 |
| 1997 |  | 42.88004 | 2.047434 | 0.093633 | 18.96261 |
| 1998 |  | 52.59172 | 2.431775 | 0.119618 | 23.66552 |
| 1999 |  | 50.97714 | 2.686941 | 0.131424 | 23.18894 |
| 2000 |  | 39.81891 | 1.830002 | 0.083435 | 14.6665 |
| 2001 |  | 73.57606 | 3.463827 | 0.188043 | 29.52647 |
|  |  | 52.76943 | 2.37775 | 0.109124 | 22.35299 |
| 2002 |  | 58.01249 | 3.248195 | 0.148167 | 28.11234 |
| 2003 |  | 122.6703 | 5.075935 | 0.345216 | 68.66295 |
| 2004 |  | 70.34414 | 3.323975 | 0.17194 | 30.62687 |
| 2005 |  | 73.5166 | 3.540929 | 0.218082 | 35.06043 |
| 2006 |  | 76.30598 | 3.660068 | 0.179935 | 30.01566 |
| 2007 |  | 80.67745 | 3.689598 | 0.236118 | 41.80187 |
| 2008 |  | 60.00599 | 2.646128 | 0.156037 | 29.99 |
| 2009 |  | 69.87256 | 2.934519 | 0.165501 | 34.03446 |
| 2010 |  | 53.99817 | 2.03602 | 0.115355 | 25.27792 |
| 2011 |  | 92.87599 | 2.971988 | 0.239941 | 56.28727 |
| 2012 |  | 58.25588 | 2.020094 | 0.11114 | 21.321 |
|  |  | 74.23051 | 3.195223 | 0.189767 | 36.47189 |
|  |  | 63.5 | 2.79 | 0.15 | 29.41 |

**USGS 03328500 / WAE070-0011 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 123.5391 | 4.026337 | 0.140602 | 41.21336 |
| 1992 |  | 114.7758 | 3.624287 | 0.133166 | 28.96787 |
| 1993 |  | 170.0347 | 6.1733 | 0.215676 | 53.5336 |
| 1994 |  | 98.96498 | 3.299724 | 0.108719 | 32.76694 |
| 1995 |  | 87.42404 | 2.850321 | 0.083785 | 18.86385 |
| 1996 |  | 95.10998 | 3.2495 | 0.136479 | 30.67497 |
| 1997 |  | 161.3568 | 6.50422 | 0.229684 | 52.42771 |
| 1998 |  | 148.32 | 5.815808 | 0.22079 | 48.17112 |
| 1999 |  | 105.8068 | 4.314718 | 0.136382 | 31.58724 |
| 2000 |  | 64.33012 | 2.087494 | 0.068309 | 12.40867 |
| 2001 |  | 145.9729 | 5.950002 | 0.192829 | 28.66445 |
|  |  | 119.6032 | 4.354156 | 0.151493 | 34.47998 |
| 2002 |  | 109.4538 | 4.436843 | 0.128593 | 25.84481 |
| 2003 |  | 98.48521 | 3.245466 | 0.131705 | 23.71843 |
| 2004 |  | 125.6277 | 4.665748 | 0.164923 | 29.01048 |
| 2005 |  | 106.9239 | 4.256894 | 0.124387 | 22.02967 |
| 2006 |  | 117.0965 | 4.36461 | 0.113755 | 15.37723 |
| 2007 |  | 122.9006 | 4.704202 | 0.131866 | 20.65429 |
| 2008 |  | 145.0867 | 5.40692 | 0.179968 | 34.06181 |
| 2009 |  | 144.6827 | 4.7565 | 0.159517 | 31.66077 |
| 2010 |  | 82.48805 | 2.488203 | 0.06625 | 10.58942 |
| 2011 |  | 137.527 | 4.058547 | 0.171911 | 34.96775 |
| 2012 |  | 84.47687 | 2.602424 | 0.054567 | 7.563276 |
|  |  | 115.8863 | 4.089669 | 0.129767 | 23.22527 |
|  |  | 117.7 | 4.22 | 0.14 | 28.85 |

**USGS 03333050 / WTI150-0011 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 134.1345 | 6.317066 | 0.13444 | 34.6132 |
| 1992 |  | 71.39473 | 2.460089 | 0.05616 | 11.71474 |
| 1993 |  | 167.0293 | 7.353777 | 0.164598 | 32.74091 |
| 1994 |  | 79.2498 | 3.107863 | 0.06498 | 14.2114 |
| 1995 |  | 76.40257 | 2.833198 | 0.056994 | 11.51706 |
| 1996 |  | 65.89438 | 1.98556 | 0.064292 | 11.69536 |
| 1997 |  | 118.4952 | 5.401396 | 0.109369 | 19.09518 |
| 1998 |  | 144.4576 | 6.480292 | 0.134589 | 22.14333 |
| 1999 |  | 88.63876 | 4.213212 | 0.066397 | 10.68453 |
| 2000 |  | 27.45133 | 0.590045 | 0.019199 | 2.86772 |
| 2001 |  | 100.339 | 4.082207 | 0.074672 | 9.624502 |
|  |  | 97.58974 | 4.074973 | 0.085972 | 16.44618 |
| 2002 |  | 105.9127 | 4.962614 | 0.084525 | 13.18616 |
| 2003 |  | 78.91997 | 2.387321 | 0.074697 | 10.77219 |
| 2004 |  | 99.05414 | 3.757542 | 0.066894 | 8.729218 |
| 2005 |  | 103.9552 | 5.071002 | 0.07311 | 9.413881 |
| 2006 |  | 92.80731 | 3.351186 | 0.05571 | 7.723051 |
| 2007 |  | 94.44598 | 4.355856 | 0.063822 | 9.375584 |
| 2008 |  | 142.9386 | 6.650901 | 0.12615 | 17.0237 |
| 2009 |  | 144.3633 | 6.793408 | 0.110327 | 18.71795 |
| 2010 |  | 82.88942 | 3.139846 | 0.048512 | 8.79214 |
| 2011 |  | 117.8271 | 5.085036 | 0.092514 | 17.82428 |
| 2012 |  | 88.72109 | 4.027286 | 0.046508 | 7.828126 |
|  |  | 104.7123 | 4.507455 | 0.076615 | 11.76239 |
|  |  | 101.2 | 4.29 | 0.08 | 14.10 |

**USGS 03351000 / WWU090-0002 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 127.5571 | 3.932411 | 0.190354 | 30.22498 |
| 1992 |  | 139.1002 | 4.351085 | 0.23149 | 48.06432 |
| 1993 |  | 153.2771 | 4.874568 | 0.246719 | 40.8684 |
| 1994 |  | 78.73153 | 2.459243 | 0.148996 | 12.57562 |
| 1995 |  | 65.61705 | 2.059438 | 0.145202 | 13.23312 |
| 1996 |  | 110.4329 | 3.608913 | 0.210217 | 29.44692 |
| 1997 |  | 112.4547 | 3.726825 | 0.207669 | 26.74688 |
| 1998 |  | 100.1856 | 3.346259 | 0.212501 | 31.43711 |
| 1999 |  | 81.20137 | 2.744026 | 0.160515 | 14.38949 |
| 2000 |  | 51.70958 | 1.69943 | 0.154714 | 7.428546 |
| 2001 |  | 118.597 | 4.098821 | 0.262626 | 20.48294 |
|  |  | 103.5331 | 3.354638 | 0.197364 | 24.99076 |
| 2002 |  | 107.5558 | 3.790301 | 0.239982 | 28.85685 |
| 2003 |  | 158.8735 | 5.708507 | 0.361715 | 55.10744 |
| 2004 |  | 97.34233 | 3.479558 | 0.218524 | 16.31513 |
| 2005 |  | 140.6123 | 5.146349 | 0.324867 | 27.02899 |
| 2006 |  | 133.0426 | 4.920696 | 0.298363 | 21.40575 |
| 2007 |  | 141.1751 | 5.34221 | 0.329674 | 29.51156 |
| 2008 |  | 133.2536 | 5.076744 | 0.314716 | 30.40922 |
| 2009 |  | 113.9098 | 4.359738 | 0.281734 | 24.23109 |
| 2010 |  | 91.59656 | 3.533695 | 0.232249 | 22.69594 |
| 2011 |  | 137.2016 | 5.481534 | 0.335726 | 38.47917 |
| 2012 |  | 90.91212 | 3.558011 | 0.234213 | 9.842906 |
|  |  | 122.3159 | 4.581577 | 0.288342 | 27.62582 |
|  |  | 112.9 | 3.97 | 0.24 | 26.31 |

**USGS 03353500 / WWU120-0002 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 78.67204 | 2.625999 | 0.168248 | 18.26719 |
| 1992 |  | 47.86376 | 1.197526 | 0.084957 | 11.736 |
| 1993 |  | 75.84425 | 2.1034 | 0.177341 | 20.12361 |
| 1994 |  | 21.02796 | 0.572937 | 0.019304 | 2.928434 |
| 1995 |  | 16.61402 | 0.379652 | 0.011556 | 2.011864 |
| 1996 |  | 35.71571 | 1.127853 | 0.059472 | 7.834317 |
| 1997 |  | 41.93542 | 1.1237 | 0.048684 | 6.613741 |
| 1998 |  | 34.88594 | 0.968931 | 0.050655 | 7.491784 |
| 1999 |  | 31.1988 | 0.743683 | 0.052065 | 5.851017 |
| 2000 |  | 13.05121 | 0.15015 | 0.00617 | 1.34157 |
| 2001 |  | 41.5816 | 0.695199 | 0.055917 | 8.31284 |
|  |  | 39.8537 | 1.062639 | 0.066761 | 8.410215 |
| 2002 |  | 49.24123 | 1.383052 | 0.082957 | 10.906 |
| 2003 |  | 75.52275 | 1.499162 | 0.141841 | 20.53745 |
| 2004 |  | 51.57718 | 0.993398 | 0.051675 | 7.979892 |
| 2005 |  | 46.58213 | 0.851456 | 0.097212 | 10.37505 |
| 2006 |  | 60.31523 | 1.026779 | 0.072612 | 11.06883 |
| 2007 |  | 31.14458 | 0.592395 | 0.034172 | 4.813848 |
| 2008 |  | 67.12099 | 1.496101 | 0.112858 | 14.73376 |
| 2009 |  | 68.22735 | 1.281613 | 0.076334 | 11.24709 |
| 2010 |  | 30.83677 | 0.533023 | 0.032419 | 5.175951 |
| 2011 |  | 57.11008 | 1.13418 | 0.0997 | 12.62749 |
| 2012 |  | 30.22608 | 0.394526 | 0.024676 | 3.96021 |
|  |  | 51.62767 | 1.01688 | 0.075132 | 10.31141 |
|  |  | 45.7 | 1.04 | 0.07 | 9.36 |

**USGS 03358000 / WWE060-0002 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 86.91583 | 4.455875 | 0.055983 | 9.556922 |
| 1992 |  | 81.30731 | 3.714342 | 0.063469 | 13.67696 |
| 1993 |  | 164.2776 | 8.580534 | 0.159218 | 44.4115 |
| 1994 |  | 70.57566 | 3.115716 | 0.047499 | 13.22289 |
| 1995 |  | 46.75103 | 1.91005 | 0.032722 | 10.53994 |
| 1996 |  | 109.5023 | 5.395668 | 0.09053 | 35.26919 |
| 1997 |  | 98.37131 | 4.918387 | 0.065372 | 24.93738 |
| 1998 |  | 75.08608 | 3.351972 | 0.056734 | 24.07194 |
| 1999 |  | 74.46682 | 3.480137 | 0.047323 | 18.92826 |
| 2000 |  | 77.94976 | 3.050009 | 0.055385 | 20.57863 |
| 2001 |  | 113.5702 | 4.815762 | 0.073104 | 26.94931 |
|  |  | 90.79762 | 4.253496 | 0.06794 | 22.01299 |
| 2002 |  | 91.33944 | 3.927783 | 0.065209 | 28.68327 |
| 2003 |  | 118.7902 | 5.055374 | 0.084145 | 32.33461 |
| 2004 |  | 91.78586 | 3.682717 | 0.052947 | 17.87244 |
| 2005 |  | 109.0748 | 4.289119 | 0.07355 | 24.08144 |
| 2006 |  | 136.8948 | 5.975951 | 0.087653 | 26.2763 |
| 2007 |  | 85.25866 | 3.681609 | 0.046767 | 12.98393 |
| 2008 |  | 121.1943 | 5.074867 | 0.105423 | 31.70577 |
| 2009 |  | 133.8081 | 5.537228 | 0.102348 | 25.02962 |
| 2010 |  | 60.55124 | 2.217619 | 0.034616 | 6.315342 |
| 2011 |  | 103.3332 | 4.172165 | 0.078061 | 13.7195 |
| 2012 |  | 63.70584 | 2.147805 | 0.02891 | 3.117986 |
|  |  | 101.4306 | 4.160203 | 0.069057 | 20.19275 |
|  |  | 96.1 | 4.21 | 0.07 | 21.10 |

**USGS 03362500 / WED090-0004 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 118.8467 | 3.943665 | 0.07095 | 31.08252 |
| 1992 |  | 106.2652 | 3.056662 | 0.073567 | 28.72997 |
| 1993 |  | 159.3446 | 5.149919 | 0.131872 | 80.31869 |
| 1994 |  | 105.5241 | 3.390483 | 0.080167 | 24.98588 |
| 1995 |  | 98.93611 | 3.090994 | 0.086267 | 28.60145 |
| 1996 |  | 168.6622 | 5.658583 | 0.190814 | 102.4193 |
| 1997 |  | 116.0568 | 3.865556 | 0.109353 | 27.14187 |
| 1998 |  | 114.8858 | 3.684922 | 0.151053 | 85.51567 |
| 1999 |  | 77.15562 | 2.570575 | 0.076287 | 13.61869 |
| 2000 |  | 85.36649 | 2.339534 | 0.088747 | 13.61023 |
| 2001 |  | 101.4769 | 2.922577 | 0.098781 | 11.9293 |
|  |  | 113.8655 | 3.606679 | 0.10526 | 40.72305 |
| 2002 |  | 110.2321 | 3.576009 | 0.131101 | 28.72634 |
| 2003 |  | 133.7037 | 4.15054 | 0.142952 | 20.50349 |
| 2004 |  | 95.17012 | 2.912723 | 0.10182 | 14.36887 |
| 2005 |  | 149.2799 | 4.711974 | 0.190764 | 53.26624 |
| 2006 |  | 151.0795 | 4.935477 | 0.156186 | 19.87619 |
| 2007 |  | 106.9341 | 3.687446 | 0.113672 | 16.06023 |
| 2008 |  | 161.2206 | 5.37496 | 0.238443 | 125.1403 |
| 2009 |  | 160.7506 | 5.277928 | 0.173914 | 31.01507 |
| 2010 |  | 90.86584 | 2.82027 | 0.08636 | 11.13535 |
| 2011 |  | 159.2 | 5.638188 | 0.174433 | 38.30384 |
| 2012 |  | 88.05791 | 2.768638 | 0.068154 | 5.999668 |
|  |  | 127.8631 | 4.168559 | 0.143436 | 33.12687 |
|  |  | 120.9 | 3.89 | 0.12 | 36.92 |

**USGS 03364000 / WEF060-0003 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 140.8012 | 5.512596 | 0.114119 | 39.32069 |
| 1992 |  | 92.15081 | 3.104656 | 0.074227 | 17.58362 |
| 1993 |  | 178.4268 | 7.209095 | 0.163683 | 49.68668 |
| 1994 |  | 113.9579 | 4.592148 | 0.081654 | 22.78789 |
| 1995 |  | 91.30839 | 3.454429 | 0.074307 | 25.62144 |
| 1996 |  | 165.0357 | 6.989601 | 0.181222 | 112.6749 |
| 1997 |  | 139.8439 | 5.990364 | 0.123675 | 46.22165 |
| 1998 |  | 130.7093 | 5.429152 | 0.124209 | 51.46215 |
| 1999 |  | 77.37005 | 3.194963 | 0.05325 | 11.20939 |
| 2000 |  | 100.5867 | 3.73424 | 0.079723 | 16.16621 |
| 2001 |  | 136.7328 | 5.372577 | 0.114754 | 21.70052 |
|  |  | 124.2658 | 4.962166 | 0.107711 | 37.67592 |
| 2002 |  | 136.1207 | 5.612509 | 0.123457 | 46.96832 |
| 2003 |  | 154.2684 | 6.064557 | 0.132081 | 29.33264 |
| 2004 |  | 104.8671 | 3.919985 | 0.080851 | 15.66824 |
| 2005 |  | 155.5076 | 5.956415 | 0.131186 | 31.89551 |
| 2006 |  | 178.4363 | 6.821238 | 0.151466 | 30.80891 |
| 2007 |  | 128.1643 | 4.86655 | 0.099965 | 21.59735 |
| 2008 |  | 155.683 | 5.541219 | 0.151092 | 50.48538 |
| 2009 |  | 160.1582 | 5.196191 | 0.133069 | 25.71601 |
| 2010 |  | 117.5052 | 3.605523 | 0.101611 | 26.24875 |
| 2011 |  | 152.6168 | 4.72314 | 0.152853 | 48.428 |
| 2012 |  | 101.5357 | 2.868871 | 0.069403 | 9.932935 |
|  |  | 140.4421 | 5.016018 | 0.120639 | 30.64382 |
|  |  | 132.4 | 4.99 | 0.11 | 34.16 |

**USGS 03365500 / WEU040-0001 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 128.5921 | 5.219429 | 0.086307 | 27.98348 |
| 1992 |  | 89.68587 | 3.051087 | 0.068343 | 23.06132 |
| 1993 |  | 174.2087 | 7.593283 | 0.149735 | 45.56607 |
| 1994 |  | 121.634 | 4.986576 | 0.092406 | 27.04402 |
| 1995 |  | 101.5315 | 3.833471 | 0.089456 | 31.24646 |
| 1996 |  | 175.5744 | 7.601378 | 0.201585 | 87.63632 |
| 1997 |  | 153.9054 | 6.930049 | 0.157113 | 53.83743 |
| 1998 |  | 144.1497 | 5.926711 | 0.172045 | 75.91103 |
| 1999 |  | 86.25015 | 3.679032 | 0.07849 | 16.4486 |
| 2000 |  | 112.6198 | 4.239749 | 0.117694 | 30.99388 |
| 2001 |  | 135.7018 | 5.603701 | 0.14767 | 31.0341 |
|  |  | 129.4412 | 5.333133 | 0.123713 | 40.97843 |
| 2002 |  | 152.0915 | 6.25934 | 0.17365 | 55.69745 |
| 2003 |  | 149.5607 | 5.934566 | 0.168524 | 47.07605 |
| 2004 |  | 104.3806 | 3.799668 | 0.107727 | 26.48662 |
| 2005 |  | 159.9156 | 6.113622 | 0.169433 | 38.29216 |
| 2006 |  | 186.3075 | 7.134538 | 0.201162 | 52.31796 |
| 2007 |  | 134.8502 | 5.058737 | 0.137112 | 32.24402 |
| 2008 |  | 163.7005 | 5.523216 | 0.200009 | 91.65318 |
| 2009 |  | 167.0609 | 5.090338 | 0.169547 | 59.38345 |
| 2010 |  | 128.6851 | 3.68539 | 0.120077 | 44.80824 |
| 2011 |  | 175.0857 | 4.93818 | 0.18507 | 81.13002 |
| 2012 |  | 99.50232 | 2.627705 | 0.070556 | 16.86764 |
|  |  | 147.3764 | 5.105936 | 0.154806 | 49.63243 |
|  |  | 138.4 | 5.22 | 0.14 | 45.31 |

**USGS 04183000 / LEM010-0014 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 77.40281 | 2.478061 | 0.135429 | 41.13935 |
| 1992 |  | 91.89377 | 2.900823 | 0.184037 | 62.42002 |
| 1993 |  | 93.22651 | 3.037177 | 0.171341 | 55.9369 |
| 1994 |  | 59.7494 | 1.899973 | 0.100953 | 28.90852 |
| 1995 |  | 62.60533 | 1.950721 | 0.114294 | 31.70571 |
| 1996 |  | 76.7853 | 2.484546 | 0.155627 | 53.87721 |
| 1997 |  | 100.5742 | 3.204303 | 0.186986 | 50.66467 |
| 1998 |  | 83.39045 | 2.684504 | 0.149448 | 39.89225 |
| 1999 |  | 71.19 | 2.340072 | 0.122623 | 32.09443 |
| 2000 |  | 60.69229 | 1.916335 | 0.12802 | 37.96851 |
| 2001 |  | 84.4127 | 2.707363 | 0.153798 | 34.09463 |
|  |  | 78.35661 | 2.509444 | 0.145687 | 42.60929 |
| 2002 |  | 72.94879 | 2.365291 | 0.136181 | 36.64452 |
| 2003 |  | 77.07595 | 2.476936 | 0.164026 | 44.92222 |
| 2004 |  | 78.51434 | 2.502733 | 0.148151 | 33.93551 |
| 2005 |  | 62.75661 | 2.077181 | 0.105588 | 18.87424 |
| 2006 |  | 75.1019 | 2.364522 | 0.129652 | 23.10276 |
| 2007 |  | 76.57996 | 2.496475 | 0.138974 | 25.91916 |
| 2008 |  | 79.48202 | 2.628331 | 0.140589 | 26.2547 |
| 2009 |  | 86.48397 | 2.874752 | 0.157712 | 31.87375 |
| 2010 |  | 61.31178 | 1.988254 | 0.121302 | 28.16272 |
| 2011 |  | 102.3806 | 3.533651 | 0.208156 | 45.41987 |
| 2012 |  | 52.59023 | 1.696525 | 0.082535 | 9.918104 |
|  |  | 75.02056 | 2.454968 | 0.139351 | 29.54796 |
|  |  | 76.7 | 2.48 | 0.14 | 36.08 |

**USGS 05518000 / UMK110-0002 (N, P, and TSS) [1991 to 2012]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Flow |  | TN | TP | TSS |
| -------- | (cfs) | (mm/yr) | (kg/ha/yr) | (kg/ha/yr) | (kg/ha/yr) |
| 1991 |  | 103.9408 | 1.610748 | 0.065318 | 21.37857 |
| 1992 |  | 78.34566 | 1.033376 | 0.049997 | 13.88287 |
| 1993 |  | 164.1364 | 2.494503 | 0.11889 | 31.93532 |
| 1994 |  | 114.9353 | 2.515088 | 0.127132 | 31.30785 |
| 1995 |  | 119.3458 | 1.695022 | 0.09057 | 22.93296 |
| 1996 |  | 62.90303 | 0.8103 | 0.064486 | 17.11168 |
| 1997 |  | 141.2476 | 2.149333 | 0.129334 | 32.56705 |
| 1998 |  | 115.7013 | 1.750401 | 0.102901 | 25.82379 |
| 1999 |  | 76.97414 | 1.092912 | 0.06522 | 16.36693 |
| 2000 |  | 44.48044 | 0.568613 | 0.043841 | 11.14926 |
| 2001 |  | 94.33223 | 1.381193 | 0.075026 | 15.96514 |
|  |  | 101.4857 | 1.554681 | 0.084792 | 21.85649 |
| 2002 |  | 81.72613 | 1.200217 | 0.077655 | 19.9062 |
| 2003 |  | 62.85416 | 0.791945 | 0.062024 | 15.76216 |
| 2004 |  | 93.09085 | 1.269209 | 0.07286 | 15.68155 |
| 2005 |  | 101.2509 | 1.580537 | 0.073007 | 16.79885 |
| 2006 |  | 80.51237 | 1.07476 | 0.062884 | 14.99133 |
| 2007 |  | 115.6535 | 1.681101 | 0.090637 | 21.57134 |
| 2008 |  | 140.3196 | 2.069393 | 0.114856 | 29.56633 |
| 2009 |  | 117.4654 | 1.724847 | 0.091407 | 25.73894 |
| 2010 |  | 81.01434 | 1.176351 | 0.057671 | 16.38344 |
| 2011 |  | 108.3757 | 1.574234 | 0.081102 | 26.45868 |
| 2012 |  | 74.07015 | 1.125785 | 0.037959 | 10.8956 |
|  |  | 96.03028 | 1.388034 | 0.074733 | 19.43222 |
|  |  | 98.8 | 1.47 | 0.08 | 20.64 |