# MONITORING THE IMPACTS AND PERSISTENCE OF FINE SEDIMENT IN THE PRAIRIE CREEK WATERSHED: 1989-1998

## FINAL REPORT ON PHYSICAL MONITORING ELEMENT

## *REVIEW DRAFT*

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## ACKNOWLEDGEMENTS

Many individuals contributed to the study described herein, both intellectually and physically. Field work was often very laborious and was carried out during inclement weather. The technical aspects of the project, including establishing gaging stations with automated data and sample collection, were challenging to all involved. Data preparation and analysis was also very complex, in addition to being an unexpectedly large part of the time required to bring the study to its conclusion. Present and former Redwood National and State Parks staff directly contributing to the study were: Fred Booker, Victor Vrell, Carrie Jones, Fred Levitan, Ted Gamron, Danny Hagans, Dave Best, Ron Sonnevil, Mary Ann Madej, Vicki Ozaki, Dean Childs, Laura Leising, Scott Bowman, Bob Coey, Carolyn Meyer, Tom Marquette, Monty Schmidt, Stacey Urner, and Patty Egan.

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Thanks are also due to Caltrans for fuding the study, and in particular to Mark Moore, formerly a fishery biologist for Caltrans and our project liaison, and his successor in that capacity, Tim Ash. These individuals displayed great patience in awaiting our study results and provided support to keep the study funded throughout the nine years.

## EXECUTIVE SUMMARY

This report presents the results of nine years of monitoring physical stream processes and conditions in Prairie Creek, Humboldt County, California. In October, 1989, an early season rainfall event caused erosion from earth moving areas of the Prairie Creek Bypass highway construction project. In November, 1989, Redwood National Park and U.S. Forest Service, Redwood Sciences Laboratory, were contracted by Caltrans to conduct a biological and physical monitoring program. The objective was to evaluate the effects and persistence of fine sediment deposited in Prairie Creek and several tributaries from the October, 1989, storm. Detailed annual reports on monitoring results were prepared beginning in 1990. Findings from the physical monitoring components are summarized as follows:

1. **Hydrologic Conditions**: Over the nine years of study, rainfall totals and stream discharge peaks varied significantly. Generally, the first five years (1990-94) were unusually dry and the last four years (1995-98) were wetter than normal. It is important to view the results presented here in light of the prevailing hydrologic conditions which drive physical processes in streams.

2. **Suspended sediment**: Suspended sediment discharge (flux) was the only physical variable we measured each year of the study, thus most of the conclusions about the persistence of fine sediment from the Bypass are drawn from this information. Suspended sediment flux varied primarily as a function of the magnitude of winter stormflows (as indexed by annual maximum peak discharge). However, suspended sediment flux was relatively higher in the first year of this study. The October, 1989, storm transported 30 times the amount of sediment than storms of a similar magnitude that occurred later that year. Subsequent erosion from the Bypass complicated the task of tracking only the erosion from the 1989 storm. Nonetheless, as time went on, suspended sediment discharge measured at gaging stations settled down to levels which varied more with peak flow than with degree of sedimentation from the Bypass, except in Boyes Creek. In Boyes Creek, unit suspended sediment flux (tons per square mile) was over ten times higher than at Prairie Creek below Brown Creek in 1996. That same year, total suspended sediment yield from Boyes Creek comprised 85% of that passing Prairie Creek above May Creek, while Boyes Creek comprises only about 13% of the contributing drainage area. This is most likely due to historic timber harvest in Boyes Creek, but Bypass erosion, both from the October, 1989, storm and later erosion events, may also contribute significantly to the extremely high suspended sediment discharges continuing in Boyes Creek.

3. **Surface Fine Sediment**: Extensive deposits of silt on affected streambed surfaces were observed immediately following the October, 1989, storm. Much of this was re-mobilized and transported downstream during subsequent storms that first runoff season (WY90). Undoubtedly, some this material infiltrated into the coarse gravel substrate farther downstream in the Prairie Creek stream system while the remainder was probably transported out of Prairie Creek by stormflows in WY90.

4. **Subsurface Fine Sediment**: Fine sediment deposited within streambed comprised the bulk of fine sediment still in the stream system in the early years of this study owing to the lack of high stormflows required for mobilizing the streambed and "liberating" stored fine sediments. Not until the relatively high flows of WY95-98 did significant bed mobilization occur. In particular, relatively high suspended sediment fluxes at Prairie Creek below Brown Creek in WY96-97 may indicate flushing of subsurface fines from Brown Creek. Discontinuation of gravel substrate sampling in Brown Creek after 1995 prevented direct tracking of the fate of subsurface fine sediments.

# I. INTRODUCTION

Construction of the U.S. Highway 101 Prairie Creek Bypass construction project began in 1984 and was completed in 1992. The grading and earthwork phase of the project began in 1985 and was completed in 1990. The site encompasses about 500 acres and spans the eastern headwaters of Prairie Creek (tributary to Redwood Creek) and Ah Pah and McGarvey creeks (tributaries to the Klamath River).

The Final Environmental Impact Statement (FEIS) of the U.S. 101 Bypass Project predicted short-term (four to eight years) and long-term (20 years) sediment yields and resultant short-term fishery losses from the Bypass construction site. Sediment losses were predicted by the Universal Soil Loss Equation. Table 1 reproduces these estimates from an internal document produced by Caltrans District 1 Engineering Services.

Table 1. Predicted sediment loss from construction of the US Highway 101 Prairie Creek Bypass.

| Stream Name | Predicted Sediment Loss (tons) | | |
|---|---|---|---|
| | Short Term | Long Term (additional) | Ultimate |
| Prairie Creek | 451 | 1029 | 1480 |
| Ten Tapo Creek | 497 | 7 | 504 |
| Brown Creek | 1138 | 341 | 1479 |
| Big Tree Creek | 2638 | 40 | 2678 |
| North Fork Boyes Creek | 1470 | 441 | 1911 |
| South Fork Boyes Creek | 2152 | 1077 | 3229 |
| May Creek | 3170 | 951 | 4121 |
| **Total** | **11,516** | **3,886** | **15,402** |

### Events Leading to This Study

The construction contract between Caltrans and the contractor, as well as the waste discharge requirements issued by the Northcoast Regional Water Quality Control Board (NCRWQCB) limited construction activities to the period between May 15 and October 15. Both agencies also required that all erosion control facilities be installed by October 15 and maintained throughout the rainy season.

In September, 1989, Caltrans drafted a change order in the construction contract which extended the October 15 cutoff date for construction activities to November 17, 1989. The NCRWQCB, California Department of Fish and Game, Department of Parks and Recreation, and Redwood National Park were notified of this action. The purpose of the change order was to allow the contractor to complete much of the remaining earthmoving work for the project prior to shutting down for the rainy season. As allowed by the change order, the contractor continued construction activities past October 15 but failed to complete erosion control preparations along a several-mile long segment of the project under construction.

Between October 20 and October 27, 1989, 3.73 inches of rainfall were recorded at Orick, approximately seven miles south of the construction project. The resultant runoff caused extensive erosion along the right-of-way, with the most severe erosion occurring on steep, unprotected fillslopes draining into Prairie Creek. Several hundred cubic yards of soil were eroded from the project site, and much of this fine-

grained material was deposited in Ten Tapo, Brown, Big Tree, Boyes, May creeks, all tributaries to Prairie Creek. In response to the discharge permit violation and damage resulting from this event, the NCRWQCB issued Cleanup and Abatement Order No. 89-146, directing Caltrans to mitigate the resultant impacts.

To determine appropriate mitigation related to the October, 1989, storm, Caltrans proposed to supplement the existing monitoring with studies to determine the extent of impacts and persistence of fine sediment deposited in streambeds. Redwood National Park and the U.S. Forest Service, Pacific Southwest Forest and Range Experiment Station (referred to herein as "PSW") were funded by Caltrans to implement the supplemental.

**Study Objectives**

The objectives of the initial study were to determine:

1. where and how much sediment was deposited by the October, 1989, storm event,
2. how deeply this sediment infiltrated into the streambed,
3. how infiltrated sediment affected conditions for salmonid egg survival to emergence in redds,
4. how long fine-grained sediment will remain in affected creeks, and
5. how the fine sediment affects the food base for anadromous salmonids (benthic macroinvertebrates).

Note that since 1994, Redwood National Park has only been conducting physical elements of the study. Results of biological monitoring by RNP were presented in earlier annual reports to Caltrans, as were results from several types of physical monitoring (such as spawning gravel properties). Biological monitoring has also been carried out by researchers at HSU and the Pacific Coast Federation of Fisherman's Associations (PCFFA), who developed their own reports of results. Consequently, this report focuses on results of physical monitoring and, in particular, the measurements of water and suspended sediment discharge made over the nine years of the study, which is most useful for addressing objective number 4, above.

As mentioned earlier, much of the sediment deposited by the October, 1989, storm was very fine in texture (clays, silts, and some sand). Sediments of this size are typically carried in suspension by high streamflows, but the relatively low flows of the October storm caused the material to disperse along Prairie Creek and affected tributaries as a slurry which coated streambed surfaces with a distinctive yellow-colored layer. Subsequent stormflows re-mobilized this material and transported much of it in suspension. Undoubtedly, the finer fractions of the sediment were transported out of Prairie Creek during winter stormflows of 1989-90 (water year 1990, or "WY90"). The remainder either re-deposited on streambed surfaces downstream or infiltrated into the gravel substrate. In either case, textural sorting and mixing with pre-existing fine sediments in Prairie Creek quickly made the Bypass-derived sediment indistinguishable, at least visually, from other sediment residing in the stream system. Consequently, the only means to evaluate the persistence of Bypass-derived sediment was to compare sedimentation amounts in affected streams with those of nearby "control" streams.

It is important to recognize that it was impossible to differentiate between sedimentation from the October, 1989, erosion event and other erosion events which are known to have occurred along the Bypass during subsequent storms. Further, non-Bypass erosion probably also occurred, especially in Boyes Creek where there is clear evidence of recent erosion arising from historic logging operations. Without concurrent erosion source area investigations (not a part of this study), inferences about persistence of fine sediment eroded from the Prairie Creek Bypass, and its effects, must be considered

fairly speculative.

## II. STUDY AREA

Prairie Creek drains about 40 square miles at its confluence with Redwood Creek (Fig. 1). Unlike most other streams of similar size in the region, it has fairly extensive alluvial valleys and has a relatively gentle gradient for most of its length. Valleys are underlain by modern alluvium through which Prairie Creek meanders relatively freely. Hillslopes are predominantly underlain by Gold Bluffs Formation unconsolidated to weakly consolidated silts, sands and gravels. However, in the eastern part of the basin (that affected by the Bypass), Franciscan Formation rocks underlie hillslopes in varying amounts.

The area has a Mediterranean-type climate, with temperatures moderated by close proximity to the Pacific Ocean. Annual precipitation averages 67 inches, most of which falls between November and March. Snow is relatively rare and short-lived. Streamflow is highly seasonal, with most annual peak flows occurring from December through February. Prairie Creek itself is perrenial, but many tributaries dry up by late summer. Peak flows appear to be heavily influenced by underlying geology, with relatively greater storm runoff occurring on the Franciscan portions of the watershed.

## III. METHODS

### Rainfall

As indicated in Table 1, the LLM gaging station provided rainfall data following its re-establishment in WY93. Rainfall was recorded using an electronic tipping bucket gage. Data prior to WY93 were obtained from storage a gage maintained at Prairie Creek State Park headquarters by park staff. From 1993 on, rainfall data from the Little Lost Man Creek gaging station (LLM) were used. From 1990 to 1995, another recording rain gage was operated near the summit of the Bypass. Results from this gage were presented in earlier annual reports. For this report, the summit gage was not used because of significant differences in rainfall depths between that gage and LLM.

### Stream Gaging Stations

A total of seven stream gaging stations was operated in the Prairie Creek watershed to study the effects of the Bypass erosion. Table 1 shows the dates and types of information collected at the Prairie Creek stream gaging stations over the nine years of study. The primary objective of establishing these stream gages was to quantify suspended sediment yields from areas unaffected by the Bypass and contrast those with yields from affected areas. Figure 1 shows the locations of gaging stations in the Prairie Creek watershed.

Gaging stations were established on Prairie Creek upstream and downstream of Brown Creek (PRU and PRL, respectively, Fig. 1) to assess the magnitude of sediment input from Brown Creek. The gage above Brown Creek (PRU) served as a control to distinguish natural or "background" suspended sediment yield from that derived from the Bypass. In addition, the north fork of Brown Creek was gaged by PSW staff from 1990 to 1994 (upper north fork and lower north fork, or "BRU" and "BRL", respectively, Fig. 1). RNP continued operation of the Brown Creek gaging stations for several years after that (see Table 1).

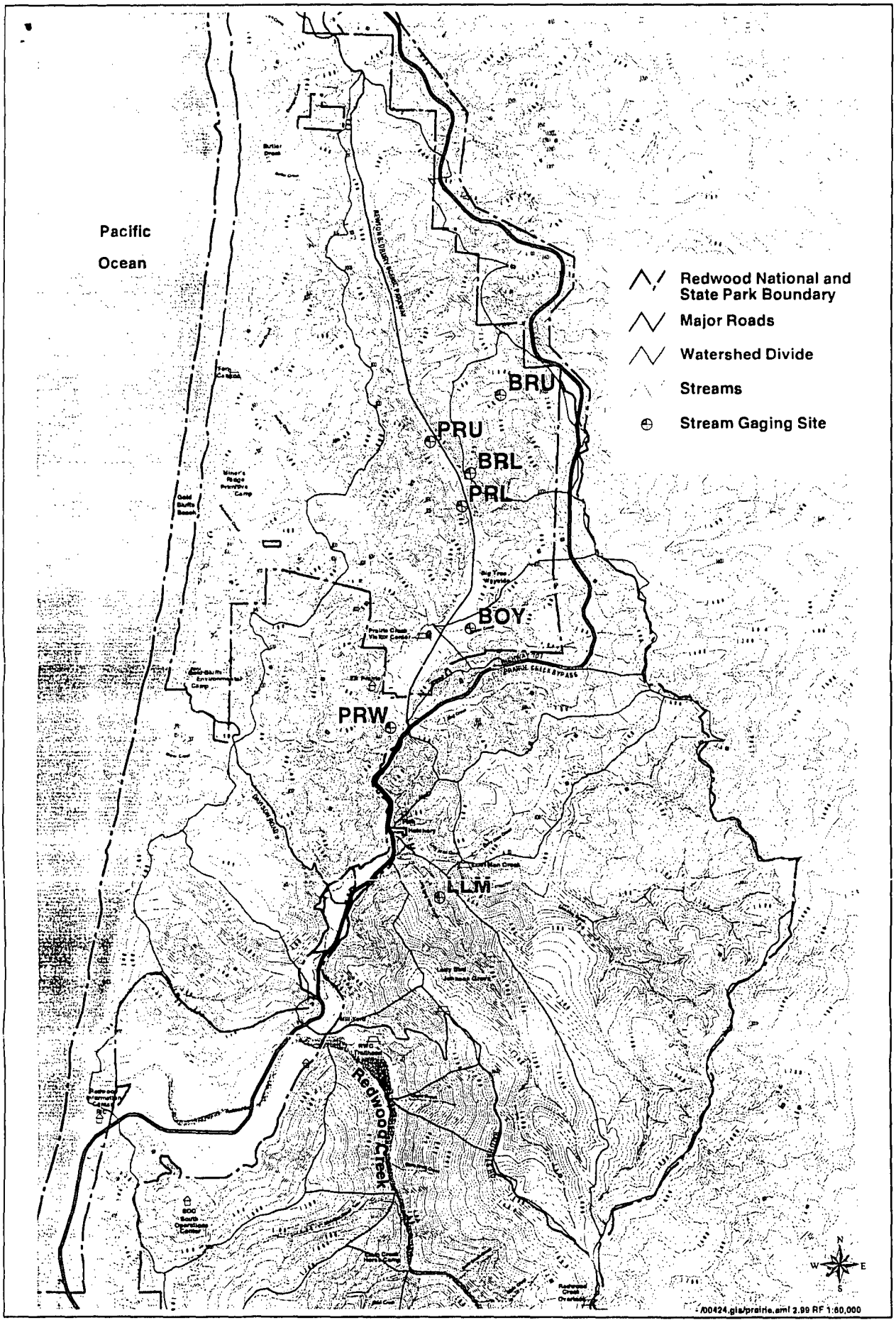


Figure 1. Stream gaging sites in Prairie Creek

**Table 1.** Stream gaging stations in the Prairie Creek basin for assessing the effects of the Highway 101 Bypass on Prairie Creek.

| Station Name (code) | Period of Record | Information Collected | | |
|---|---|---|---|---|
| | | Water Discharge | Suspended Sediment | Rainfall |
| Prairie Creek above Brown Creek (PRU) | 1990-1998 | X | X | |
| Prairie Creek below Brown Creek (PRL) | 1990-1998 | X | X | |
| Prairie Creek above May Creek (PRW) | 1991-1998 | X | X | |
| Upper NF Brown Creek (BRU) | 1990-1992 | X | X | |
| Lower NF Brown Creek (BRL) | 1990-1995 | X | X | |
| Boyes Creek (BOY) | 1995-1996 | X | X | |
| Little Lost Man Creek (LLM) | 1993-1998 | X | X | X |

Prior to the second year of the study (WY91), another gage was established on Prairie Creek just above May Creek (PRW, Fig. 1) to quantify suspended sediment flux downstream from all affected tributaries (except May Creek). Boyes Creek (BOY, Fig. 1) was gaged in WY95-96 after it was recognized to be a very large contributor of sediment to Prairie Creek. The gage was discontinued after suffering damage during a large stormflow in WY96.

The Little Lost Man Creek gaging station (LLM, Fig. 1) was re-established in 1993 (it was formerly operated by the US Geological Survey from 1975-89). It was used as a second control stream to characterize runoff characteristics and sediment yields in Franciscan terrain (the other control stream, PRU, drains Gold Bluffs Formation rocks, while the tributaries affected by Bypass erosion contain portions of both rock types). Table 2 lists basin characteristics for the stream gaging stations used in this study.

**Table 2.** Characteristics of contributing basin areas upstream from Prairie Creek stream gaging stations (Note: approximate percent areas of Gold Bluffs Formation (Qtc) and Franciscan Formation Coherent Unit of Lacks Creek (KJfl) were derived from Harden and others, 1982 and by extrapolating their mapping northward to encompass all of Prairie Creek).

| Station Name (code) | Drainage Area ($mi^2$) | Geology | | Relief (feet) |
|---|---|---|---|---|
| | | Approx. % Qtc | Approx. % KJfl | |
| Prairie Creek above Brown Creek (PRU) | 4.06 | 90 | 10 | 1140 |
| Prairie Creek below Brown Creek (PRL) | 6.36 | 90 | 10 | 1620 |
| Prairie Creek above May Creek (PRW) | 12.6 | 90 | 10 | 1720 |
| Upper NF Brown Creek (BRU) | 0.72 | 75 | 25 | 900 |
| Lower NF Brown Creek (BRL) | 1.40 | 85 | 15 | 1140 |
| Boyes Creek (BOY) | 1.70 | 65 | 35 | 1640 |
| Little Lost Man Creek (LLM) | 3.46 | 5 | 95 | 1890 |

**Streamflow**

At the stream gaging stations, water surface stage, or height above a datum, was recorded nearly continuously (on 10-minute intervals) with pressure transducers and data recorders. Shelters were built to house automatic recording equipment. Bridges or, in the case of PRL, a cableway, was used to allow

measurement of high flows. Water discharge measurements were taken at various flows to develop stage-discharge relationships (rating curves) for each gage which were then used to estimate discharge from recorded stages during data processing. Over the nine-year study period, flood-induced channel changes required updating of stage-discharge relations by making occasional discharge measurements over a range of stages.

**Flood Frequency Estimates**

To estimate peak flow rates of various recurrence intervals, unit peak flow rates (cfs/square mile) were calculated from annual maximum flood frequency curves for the two gages in Prairie Creek that had greater than ten years record length. These tributaries were Little Lost Man Creek (LLM; formerly USGS Station No. 11482468) and Prairie Creek above May Creek (PRW), draining 3.46 and 12.6 square miles, respectively. Runoff characteristics for these two basins were remarkably dissimilar, with far greater unit peak flows ($cfs/mi^2$) observed at LLM than at PRW. This was most likely due to underlying rock type, with the Franciscan rocks tending to produce much higher peak flows than the Gold Bluffs. Lacking a suitable record length for performing flood frequency analyses, flood magnitudes at various frequencies for the other gages were estimated using LLM and PRW frequency relations and making adjustments for the relative proportion of underlying geology made up of the two major units. The flood magnitude and frequency estimates are given in Table 3.

**Table 3.** Flood frequency estimates for various recurrence intervals at gaging sites in Prairie Creek and Brown Creek (based on flood frequency relations for PRW and LLM with adjustments for geology as indicated in Table 3).

| Station Name (code) | Drainage Area ($mi^2$) | Peak Discharge (cfs) of Specified Recurrence Interval (years) | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2 | 5 | 10 | 25 | 50 | 100 |
| Prairie Creek above Brown Creek (PRU) | 4.06 | 226 | 387 | 516 | 580 | 644 | 709 |
| Prairie Creek below Brown Creek (PRL) | 6.36 | 353 | 606 | 808 | 909 | 1010 | 1110 |
| Prairie Creek above May Creek (PRW)* | 12.6 | 700 | 1200 | 1600 | 1800 | 2000 | 2200 |
| Upper NF Brown Creek (BRU) | 0.72 | 46 | 221 | 295 | 332 | 368 | 405 |
| Lower NF Brown Creek (BRL) | 1.40 | 86 | 148 | 197 | 224 | 251 | 278 |
| Boyes Creek (BOY) | 1.70 | 145 | 249 | 331 | 387 | 443 | 500 |
| Little Lost Man Creek (LLM)* | 3.46 | 350 | 600 | 800 | 1100 | 1200 | 1400 |

* indicates flood frequency estimates derived from gaging records for the site; all others were derived by adjusting records from the two gaged sites by drainage area proportion and geologic make-up.

**Suspended Sediment Flux**

Sediment transport (both suspended load and bedload) in north coastal California is highly storm dependent. Most sediment is transported at high flows, and relatively little is transported at low and moderate flows. For example, in Little Lost Man Creek half the suspended sediment load over a four-year period (1985-88) was transported during one four-day storm in February, 1986 (a 10-year recurrence interval flood for Little Lost Man Creek).

To quantify suspended sediment discharge, or flux, one must obtain measurements of water discharge and water samples for determining suspended sediment concentration. Samples of turbid water (containing sediment in suspension) were obtained using automated pumping samplers. Sampling times were controlled by programming the data logger to sample above a pre-set stage threshold. Sampling

frequency was increased at higher stages to better characterize the rapidly varying suspended sediment concentrations during large storms. Occasional manual sampling using width- and depth-integrated methods and equipment was done to calibrate pumped samples and ensure representative sampling. Concentrations of suspended sediment in the samples were determined in the RNP laboratory using vacuum filtration techniques.

Suspended sediment flux is estimated by integrating water discharge rate and suspended sediment concentration over time. The primary limitation in developing accurate estimates of suspended sediment flux is due to practical limits on the number and timing of water samples which can be obtained during storm periods and subsequently analyzed in a laboratory for suspended sediment concentration. For storm periods during which only a few or no samples were available, suspended sediment concentrations were estimated to fill in the sampling gaps. Typically, early season storms carry more suspended load that storms of similar magnitude later in the runoff season and rising limb samples exhibit higher concentrations than samples taken at similar flows during the falling limb. Consequently, estimating suspended sediment concentrations for periods when samples were lacking was done considering both these influential factors.

**Streambed Gravel Particle Sizes and Permeability**

RNSP performed analyses of particle sizes distributions of gravel samples from project inception through WY95 in Prairie Creek and several tributaries. Many of the gravel sampling sites also had permeability pipes installed in the streambed to track changes in permeability coincident with fines intrusion into infiltration bags over the incubation period for salmonids. Gravel samples were obtained by either taking core samples to depths of about 30 cm with a sampling tube, such as a "McNeil" sampler (McNeil and Ahnell, 1964), or simply a section of pipe 10-12 inches in diameter. Core samplers were worked down into the streambed as the gravel core was extracted by handfuls and placed in a bucket for sieve analysis later. In some cases, a shovel was used instead of a core sampler. A few natural redds were sampled after fry emergence, but most samples consisted of unspawned riffles representing ambient conditions in both affected and unaffected (control) reaches.

Most of the samples collected at unspawned riffles were taken to serve as infiltration bag sites, where the fines were removed from the gravel sample and "cleaned" gravel was replaced back in the hole on top of an infiltration bag. We tried to mimic the cleansing of redd gravel done by spawning fish, thus these samples were referred to as "artificial redds". Infiltration bags were used to characterize fines "intrusion" over the egg incubation and fry emergence periods (for steelhead in WY90, and for coho in WY91-95). Sediment transport occurring during the sampling period (2-3 months) resulted in infiltration, or intrusion, of fine sediment into the cleaned gravel. At the end of the sampling period, infiltration bags were pulled up out of the streambed, capturing both the cleaned gravel core and any new fines sediment which had intruded since the bag was installed.

Sieve analyses were performed on gravel samples using a 2x progression of sieve sizes, usually from 0.5 mm at the fine end to 256 mm at the coarse end. Larger sized particles (coarser than 16 mm, typically) were sieved in the field immediately on extraction from the streambed. Finer sizes were taken to the RNSP laboratory for dry sieving. Particle size descriptors (percent fines, median diameter, geometric mean diameter, etc.) were calculated using custom software ("Gravel").

Nearly all infiltration bag sites also had permeability pipes placed in the cleaned gravel core above them. Permeability pipes were modeled after those developed by Gangmark and Bakkala (1958). Permeability measurement procedures followed those of Terhune (1957), and were measured immediately after pipe installation, at the end of the incubation period, and several times in between. The percent decrease in

permeability was used as a measure of subsurface hydraulic changes due to fines intrusion.

## IV. RESULTS AND DISCUSSIONS

### Rainfall

Figure 2 shows rainfall data for the study period, both annual totals and the maximum observed daily rainfall. Appendix A contains graphs and tables of rainfall data from LLM for WY93-98 (the available record). Average annual rainfall for the area is about 67 inches per year, which was significantly exceeded in WY93 and WY95-98. All other years were significantly below normal rainfall.

### Rainfall Runoff Relationships

Maximum daily rainfall (Fig. 2) is a better indicator of storm erosivity than annual total rainfall and is better correlated with annual maximum peak discharge. Although annual rainfall in WY93 was similar to that in WY95-98, the maximum daily rainfall was relatively low (2.24 inches). Consequently, peak flows were not very large in WY93 relative to WY95-98. This is important to remember in later discussions of suspended sediment flux and bed mobility.

Figure 3 shows plots of annual rainfall depths versus annual peak flows (expressed in $cfs/mi^2$) for Little Lost Man Creek (LLM) and Prairie Creek below Brown Creek (PRL). This shows the poor correlations between the two: several years of the study had similar annual rainfall but vastly differing annual maximum peak flows. Figure 4, however, shows marked improvement in correlations when rainfall "severity" is expressed as the maximum depth that occurred in a single day. Because of the tendency for a great proportion of the annual sediment load to be transported during only the highest flows, daily rainfall gives a much better index of winter storm erosivity than annual rainfall.

### Peak Streamflows and Flood Frequencies

Figure 5 shows annual maximum peak discharges measured over the study period. Annual hydrographs and discharge data tables are provided in Appendix B. Table 4 lists the peak discharges along with estimates of recurrence intervals derived from a flood frequency analysis performed by the US Geological Survey on records for Little Lost Man Creek from WY75-89 and adjusted for drainage area.

From Figure 5, the general trend of increasing peak discharges over the duration of the study is apparent. Two exceptions are a relatively high peak in WY93 that was followed by a low peak year in WY94 and the highest peak year in WY97 followed by somewhat lower peaks in WY98. The chronological sequence of flow magnitudes over the nine years of study exhibits two wave-like features: a small one in WY93 followed by a much larger one in WY95-98. These features will be discussed later in terms of sediment "flushing" from Prairie Creek.

Figure 6 shows unit peak discharges ($cfs/mi^2$) for the gages to facilitate comparisons between gages draining different watershed areas. A similar, but less dramatic chronological trend to that in Figure 5 can be seen in Figure 6. Also, a tendency for greater unit peak runoff for Boyes (BOY) and Little Lost Man (LLM) creeks is apparent, especially in the wetter years. The relatively high unit peak flows for BOY in WY95-96 (the two years it was gaged) and LLM in WY95-98 may reflect relatively expedient runoff characteristics due to underlying rock type, basin relief or shape, locally heavy precipitation, or any combination of these factors.

**Figure 2. Annual and Maximum Daily Rainfall Depths for Prairie Creek: WY90-98**

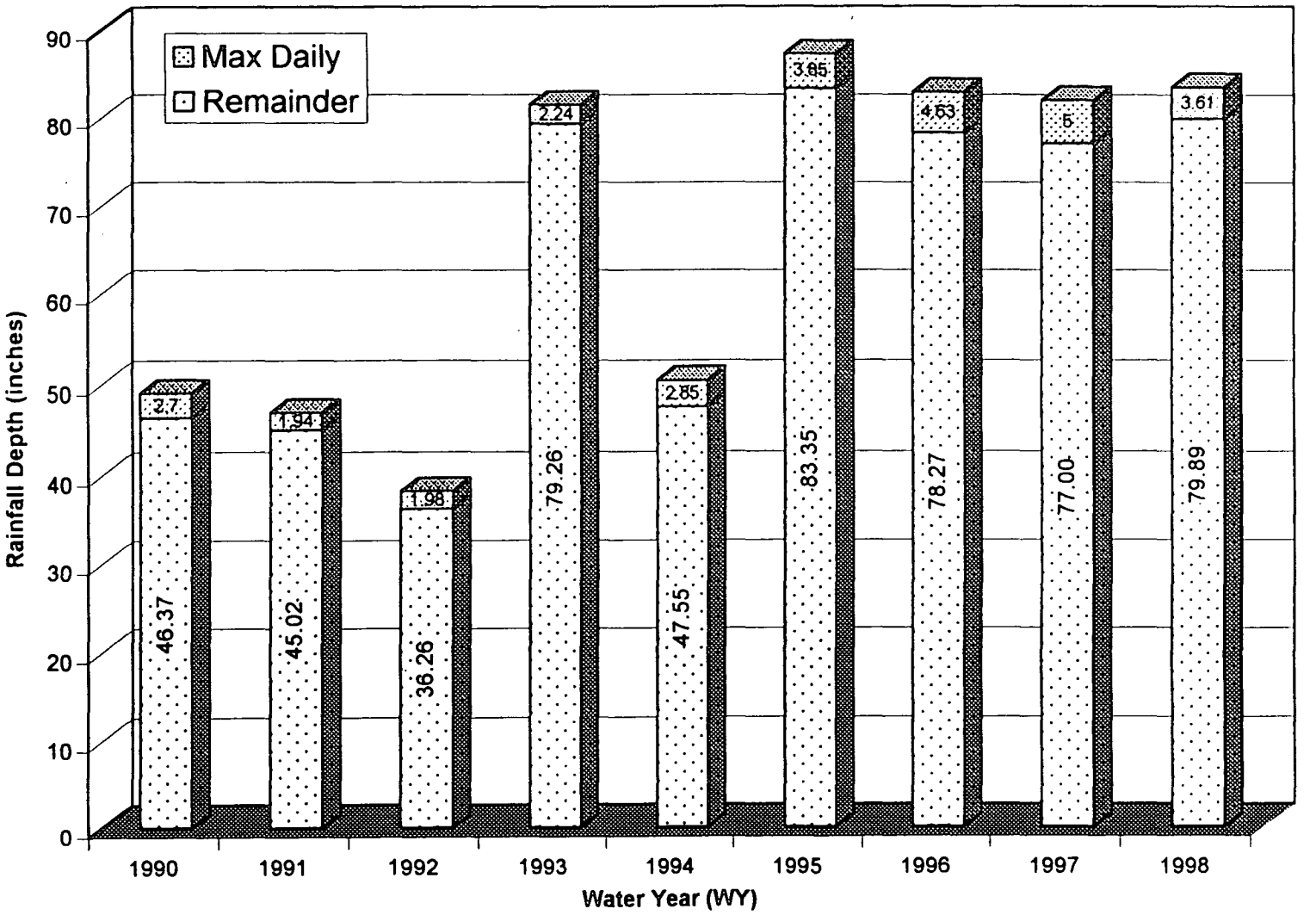


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**Figure 3. Annual Rainfall in Prairie Creek vs Annual Unit Peak Flow**

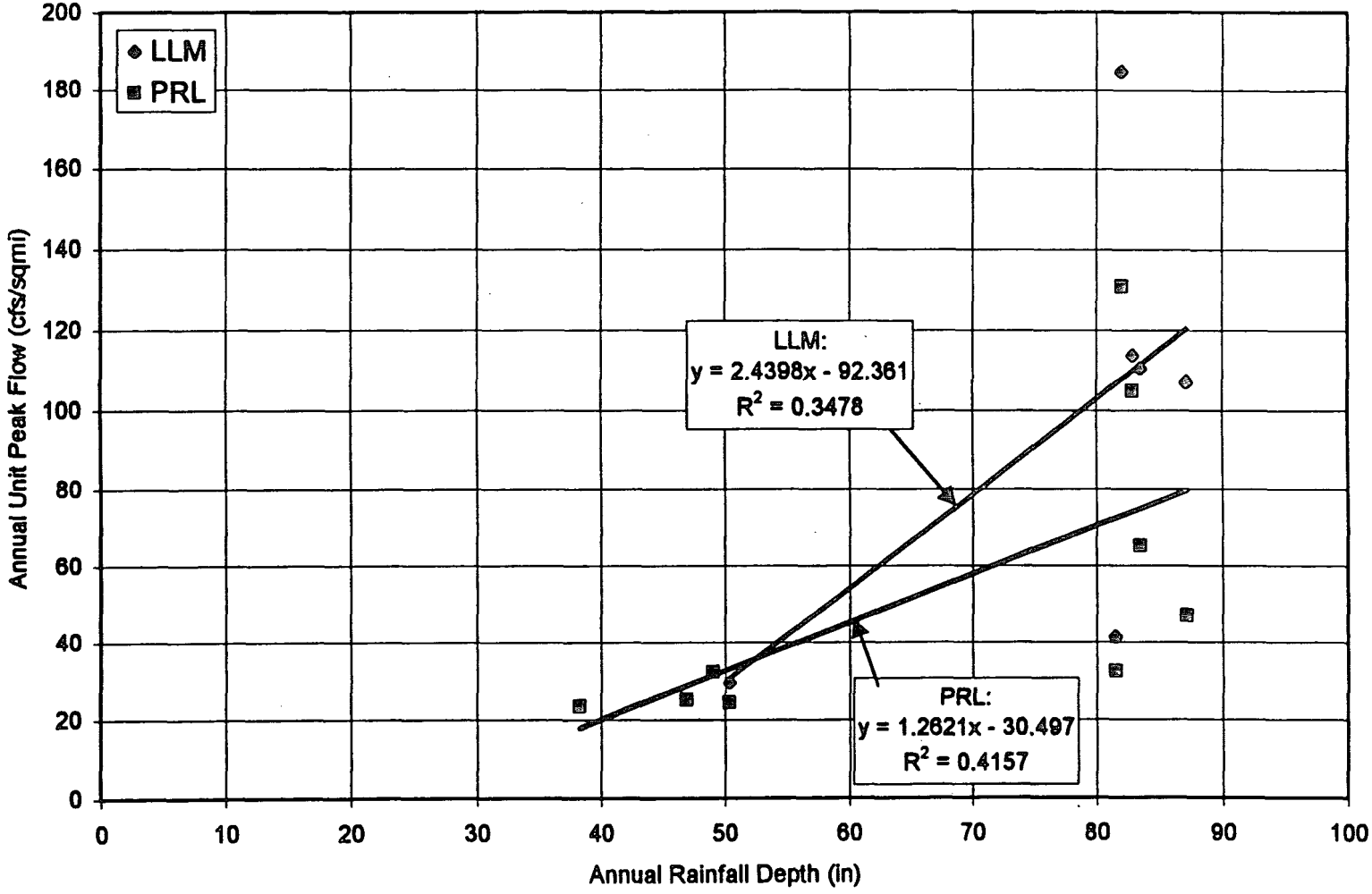


**Figure 4. Annual Maximum Daily Rainfall vs Annual Peak Flow**

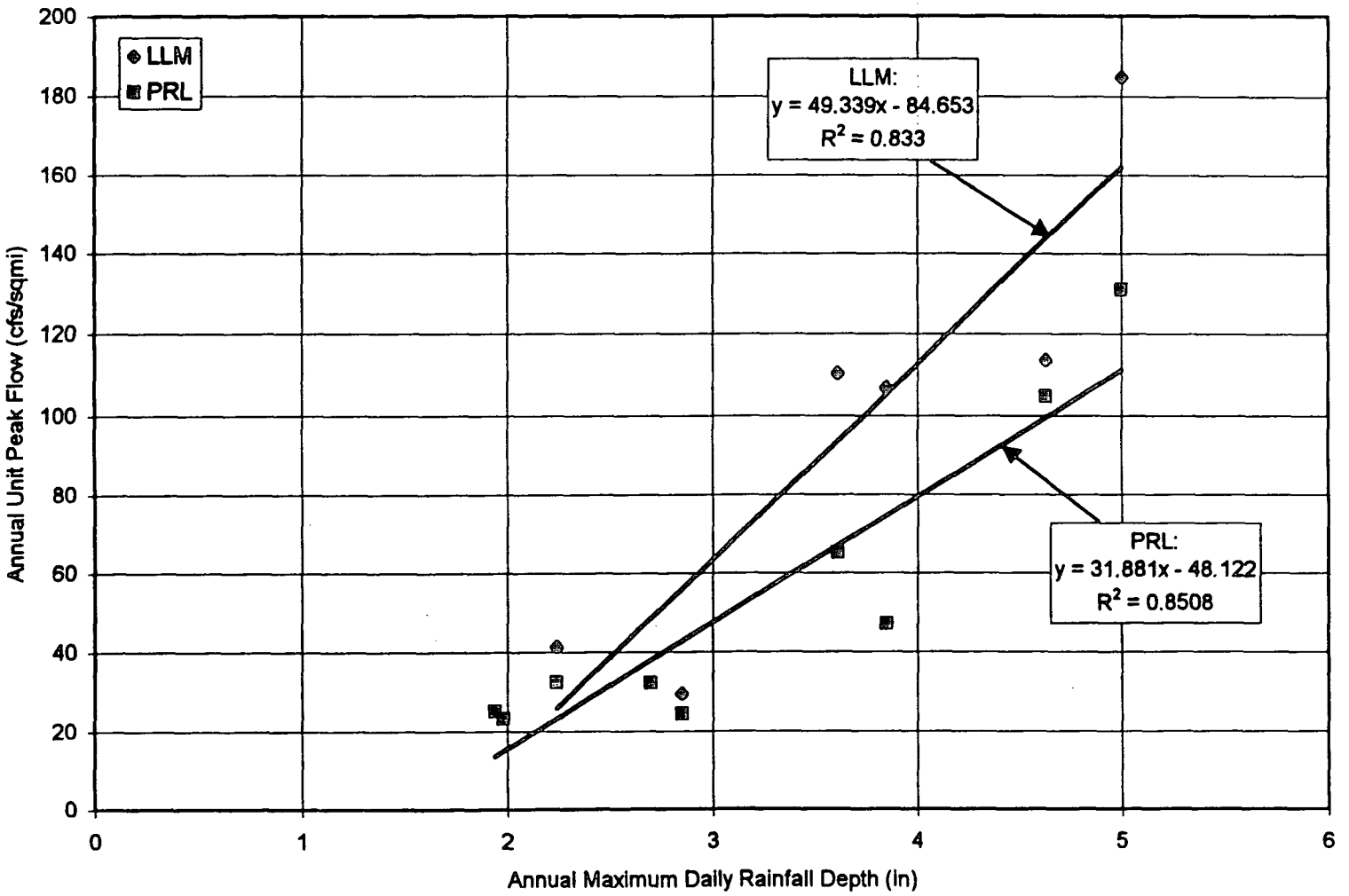


**Figure 5. Peak Discharges at Prairie Creek Basin Gages: WY90-98**

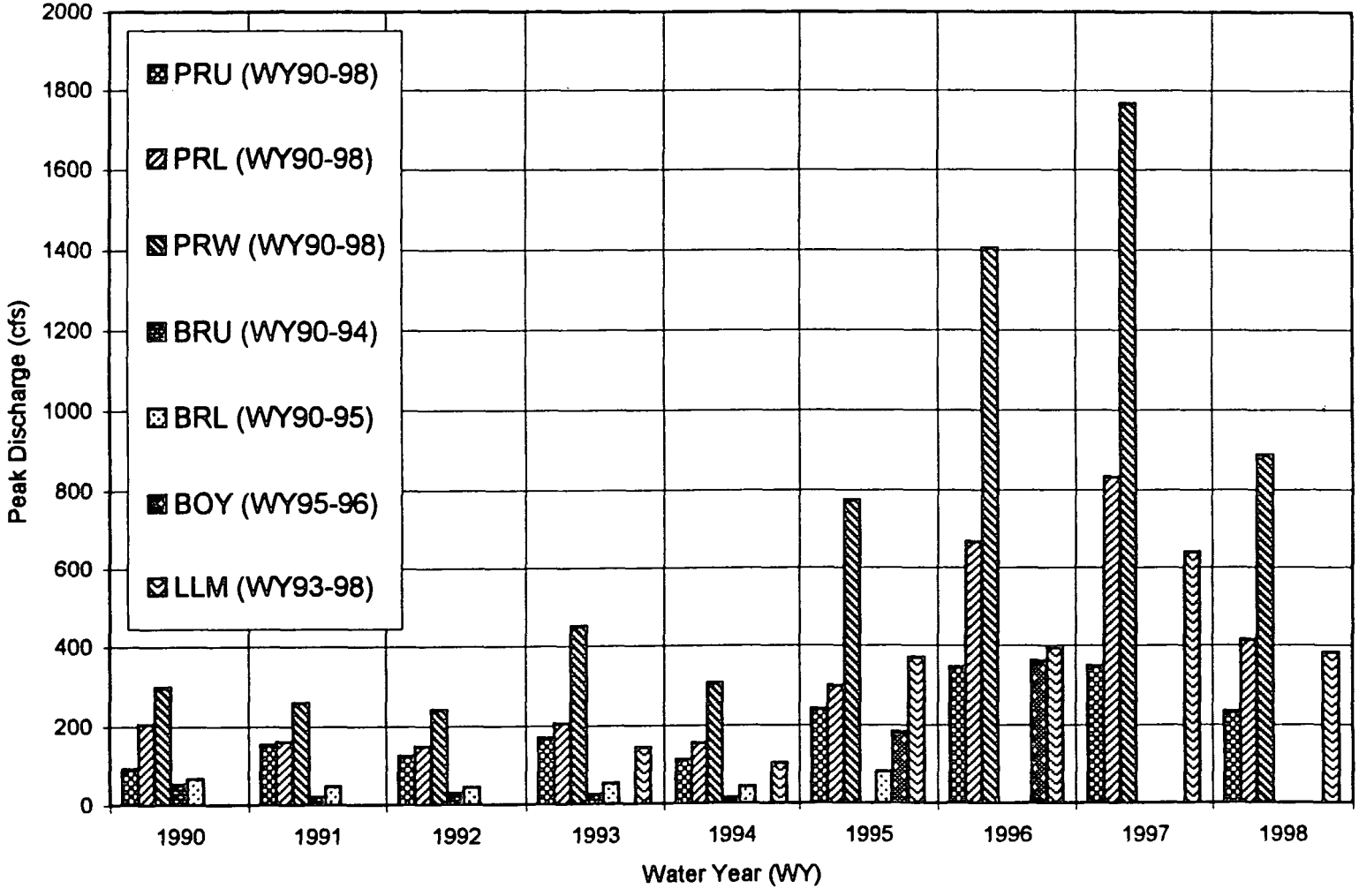


**Figure 6. Unit Peak Discharges at Prairie Creek Basin Gages: WY90-98**

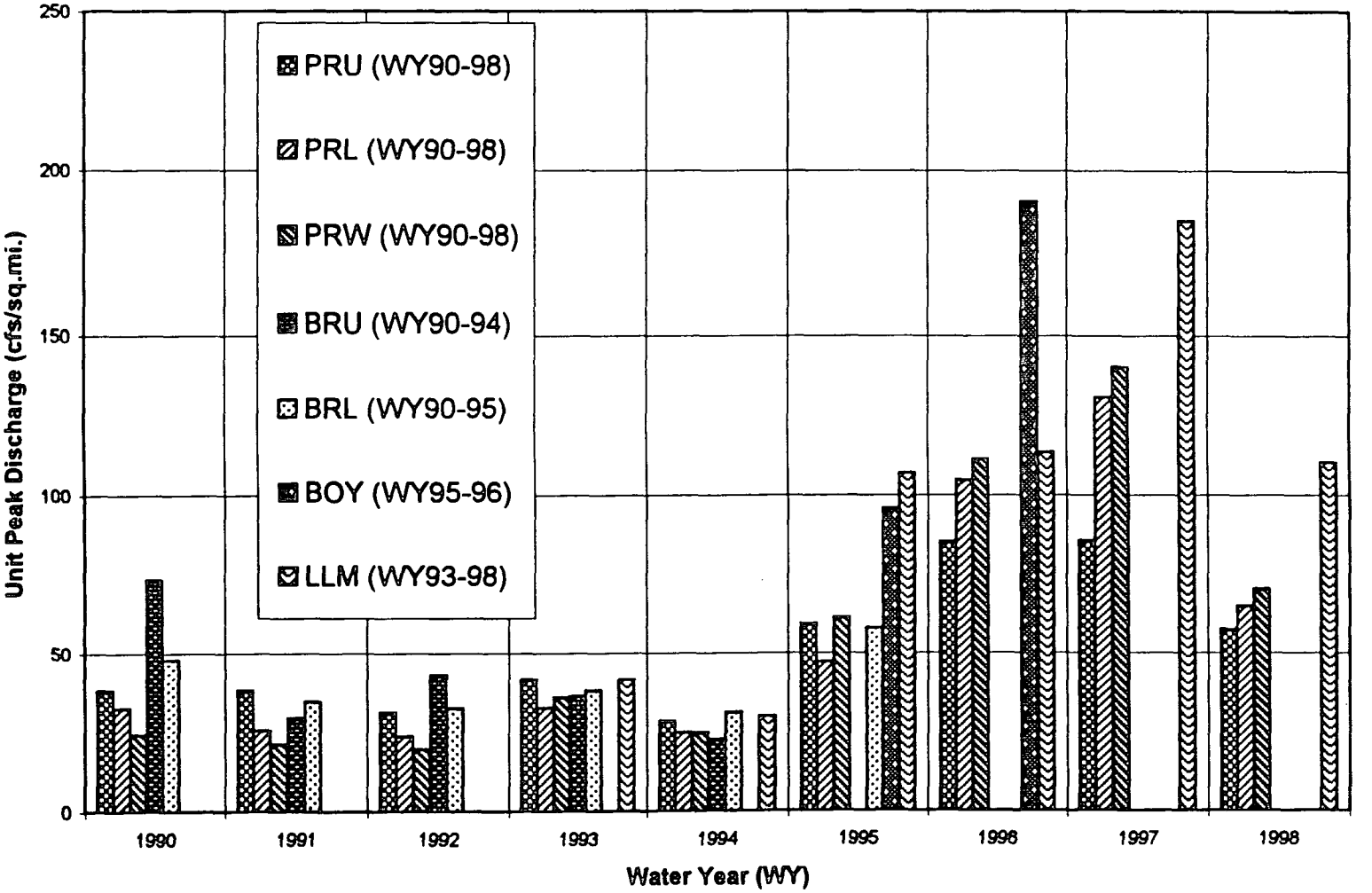


**Table 4.** Annual maximum peak streamflows and recurrence intervals for Prairie Creek basin gages (based on a USGS flood frequency analysis for Little Lost Man Creek for the period 1975-89).

| Station Name (code) | Annual Maximum Peak Discharge (cfs) [Approximate Recurrence Interval (yrs)] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | WY90 | WY91 | WY92 | WY93 | WY94 | WY95 | WY96 | WY97 | WY98 |
| Prairie Creek above Brown Creek (PRU) | 93 [<1] | 153 [<1] | 125 [<1] | 169 [<1] | 113 [<1] | 241 [2] | 346 [5] | 348 [5] | 234 [2] |
| Prairie Creek below Brown Creek (PRL) | 205 [<1] | 160 [<1] | 148 [<1] | 206 [<1] | 155 [<1] | 299 [1.7] | 666 [5] | 832 [10] | 414 [2.5] |
| Prairie Creek above May Creek (PRW) | --- | 261 [<1] | 241 [<1] | 451 [<1] | 307 [<1] | 773 [2.5] | 1404 [7] | 1767 [20] | 887 [2.5] |
| Upper NF Brown Creek (BRU) | 53 [2] | 21 [<1] | 31 [1.5] | 26 [<1] | 16 [<1] | --- | --- | --- | --- |
| Lower NF Brown Creek (BRL) | 67 [1.5] | 48 [<1] | 45 [<1] | 53 [<1] | 43 [<1] | 81 [2] | --- | --- | --- |
| Boyes Creek (BOY) | --- | --- | --- | --- | --- | 182 [4] | 362 [15] | --- | --- |
| Little Lost Man Creek (LLM) | --- | --- | --- | 143 [<1] | 102 [<1] | 370 [3] | 393 [3] | 639 [8] | 382 [3] |

The Prairie Creek Bypass has elevated flood peaks in affected tributaries due to paving, which increases runoff coefficients, and enlargement of some contributing areas by drainage facilities on the highway. Increases in the 2- and 10-year peak flows for Boyes Creek were estimated to be about 9% (PWA, 1994, Table 3, page 17). For the two years lower Boyes Creek was gaged (WY95 and 96), the recurrence interval of the peak flow was greater than at other gages in Prairie Creek. In WY 95, peak flows were generally about 2-year recurrence interval except at Boyes Creek, where a 4-year flood was recorded. This peak (182 cfs, Table 4) was about 26% higher than the estimated 2-year flood (145 cfs, Table 3). In WY96, other gages experienced about a 5-year flood, while Boyes Creek recorded a 15-year flood (362 cfs, Table 4), or about 45% higher than the estimated 5-year flood (249 cfs, Table 3). From these data, it would appear that flood peaks were elevated greater than that predicted by PWA. Elevation of flood peaks would be expected to cause increases in sediment production from channel erosion processes (bank erosion and bed scour). Other streams, such as Big Tree and Brown Creeks, are likely also experiencing increased flood peaks and resultant channel erosion (PWA, 1994).

**Suspended Sediment Flux**

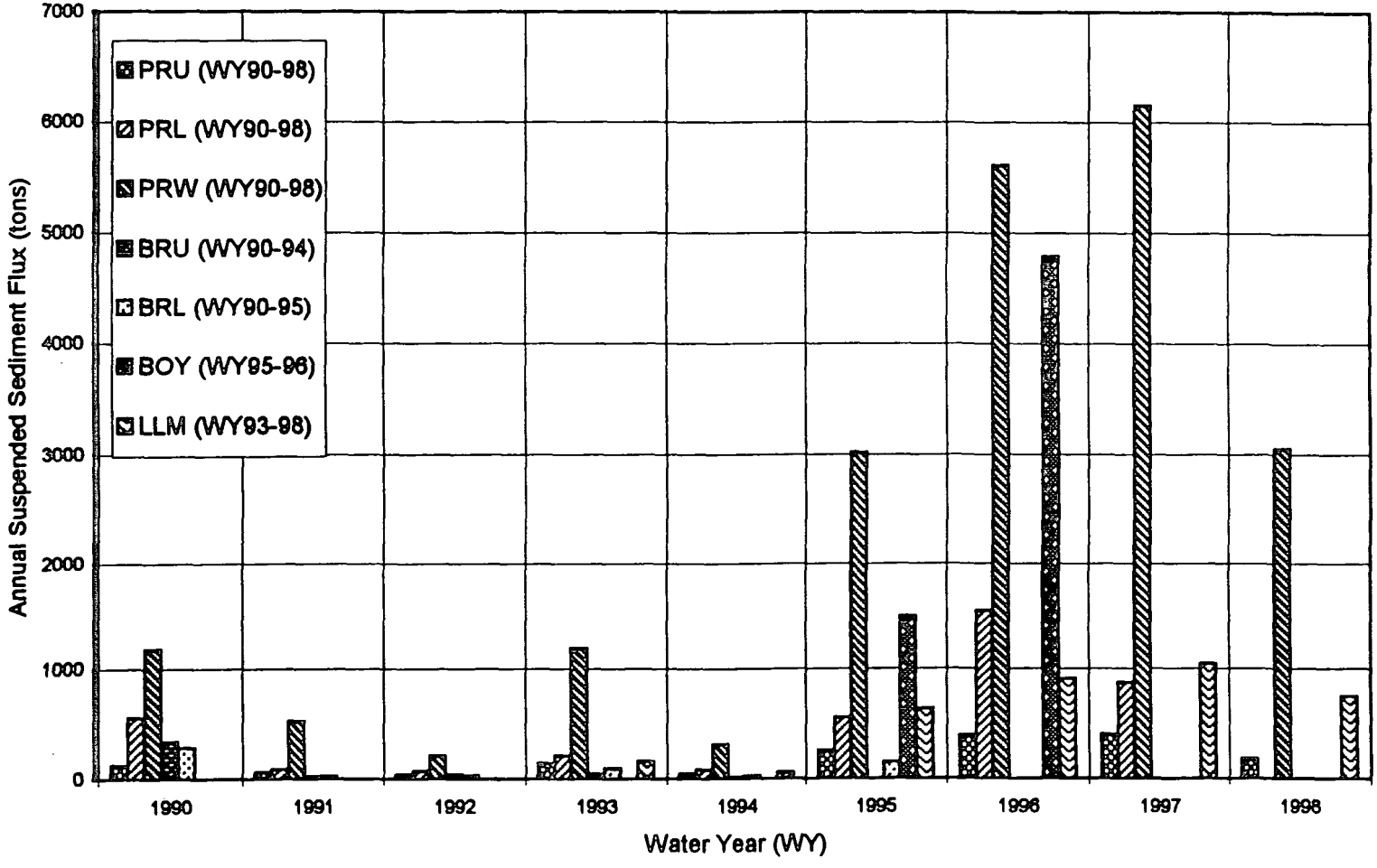
October, 1989 Storm

As detailed in earlier reports, the October, 1989, stormflow transported 78%, 59% and 70% of the WY90 annual suspended load for Prairie Creek above and below Brown Creek and lower Brown Creek (PRU, PRL and BRL, respectively). In comparison, the early January, 1990, flood transported only 10% of the WY90 suspended sediment load for PRU, and 28% for PRL. Relatively little sediment was transported from February to June, 1990. Also reported earlier, the October storm carried at least 30 times the amount of suspended sediment than later storms of equivalent size in WY90.

Annual Suspended Sediment Flux

Figure 7 shows annual suspended sediment fluxes for the entire study period. Like discharge, suspended

**Figure 7. Suspended Sediment Flux at Prairie Creek Basin Gages: WY90-98**



sediment flux shows two "spikes" in annual yield occurring in WY93 and W97 (this is best exhibited by the two gages which spanned the entire study period: PRU and PRL). The same can be seen, albeit muted, in Figure 8, which shows unit suspended sediment flux.

It is obvious from Figures 7 and 8 that Boyes Creek was a disproportionately large suspended sediment contributor to Prairie Creek for the two years it was gaged (WY96-96). From Figure 8, suspended sediment flux from Boyes Creek surpassed by over an order of magnitude the unit yield from PRL in WY96. Although Boyes Creek comprises only about 13% of the drainage area above Prairie Creek above May Creek (PRW), Figure 7 indicates that Boyes Creek generated about 50% of the total flux measured at PRW in WY95 and about 85% in WY96.

In Figure 9, a closer comparison is made between annual suspended sediment yields from PRU and PRL. Although PRU received some sediment from the October, 1989, storm, it was considered to be a good control stream nonetheless, and usually exhibited significantly lower unit suspended sediment yields than PRL. During the low flow years that followed the year of the October 1989 storm (WY91-94), unit suspended sediment yields were virtually identical. Beginning in 1995, when a sequence of wetter years began, larger differences between the control (PRU) and the affected area (PRL) became obvious. Differences attributable to the Bypass were greatest in WY96, when unit suspended sediment flux at PRL was more than twice as great as that at PRU. Although WY97 was generally wetter than WY96, both unit suspended sediment flux as well as the difference between PRU and PRL declined significantly. In the final year of the study, unit suspended sediment fluxes at these two sites were virtually identical, suggesting a return of suspended sediment yields from Brown Creek to background levels.

Suspended Sediment Flux and Peak Discharge

Figure 10 shows a plot of annual maximum peak discharge ($cfs/mi^2$) against annual suspended sediment flux ($tons/mi^2$) for Prairie Creek with 6 years or more of record. This type of plot can be viewed as a suspended sediment rating curve of sorts and helps to evaluate differences between gages. The higher a line plots on the graph, the greater a producer of suspended sediment it is. The two control gages (PRU and LLM) plot low on the graph, indicating relatively low suspended sediment output. As discussed earlier, the more erodible geology in LLM's watershed probably explains its higher output of suspended sediment. PRL is intermediate between PRU and LLM, probably due to the inclusion of Brown Creek's Bypass-elevated suspended sediment contribution upstream from PRL. The highest plotting gages are BRL and PRW. BRL plots higher than others because of the relatively undiluted effects of Bypass erosion upstream, while PRW includes the extremely high suspended sediment contributions from Boyes Creek.

The strength of the relationships may also provide insights about the effects of the Bypass. The higher the correlation coefficient ("$R^2$"), the stronger the relationship between suspended sediment flux and peak flow. Three of the five rating curves plotted have $R^2$ values greater than 0.9 (PRU, LLM, and PRW), indicating fairly consistent relationships. However, $R^2$ values for BRL and PRL are relatively low (0.53 and 0.64, respectively). This probably reflects a shift in the relationship between discharge and suspended sediment flux over the study period as Brown Creek flushed itself of sediment following the October 1989 storm.

**Streambed Gravel Particle Sizes and Permeability**

Appendix D lists gravel size descriptors and permeability results from infiltration bag samples for WY90-95. Results through WY93 were discussed in detail in earlier annual reports, as were other samples besides infiltration bags. Although methods, sampling locations, and sampling intensity varied

**Figure 8. Unit Suspended Sediment Flux at Prairie Creek Basin Gages: WY90-98**

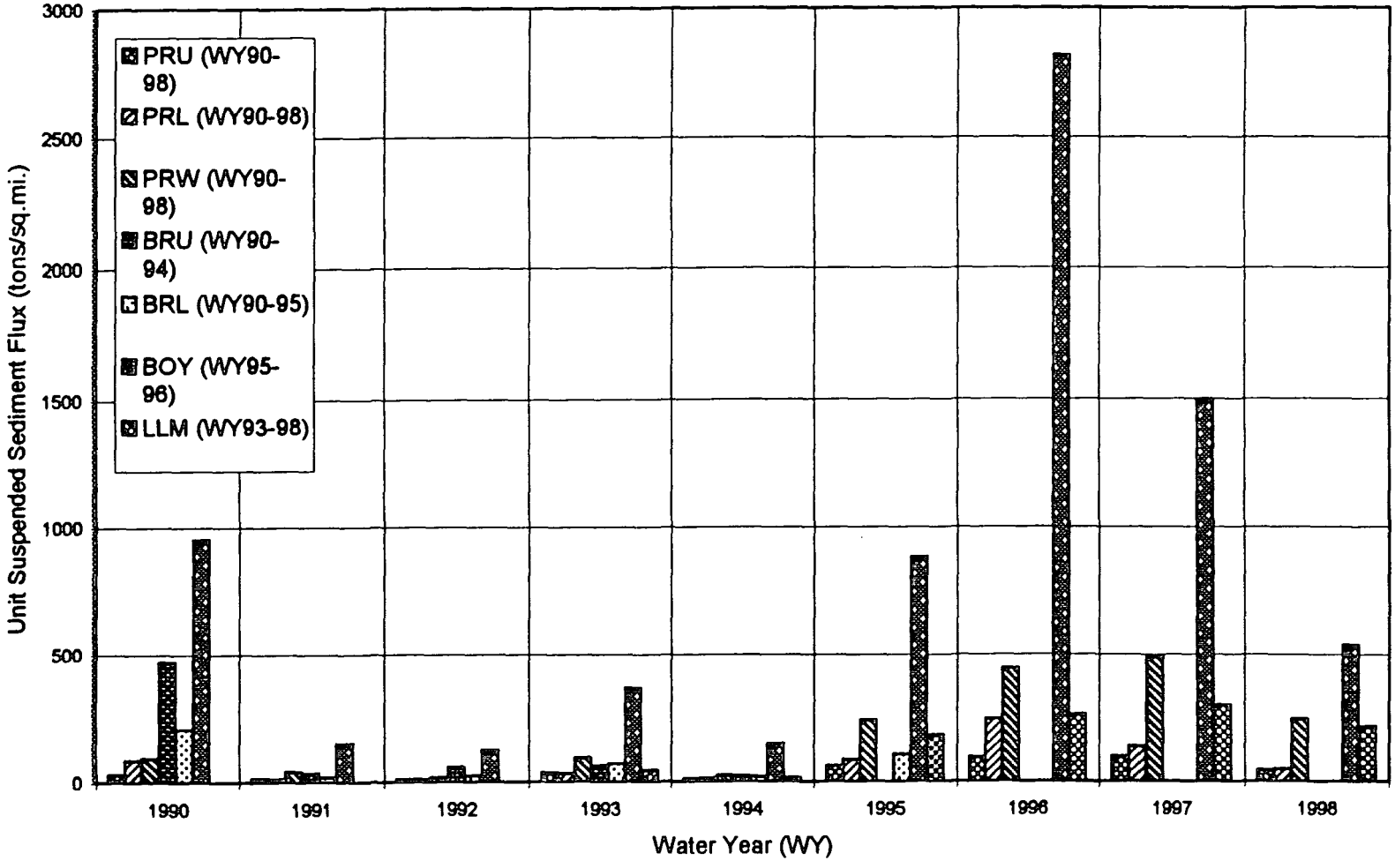
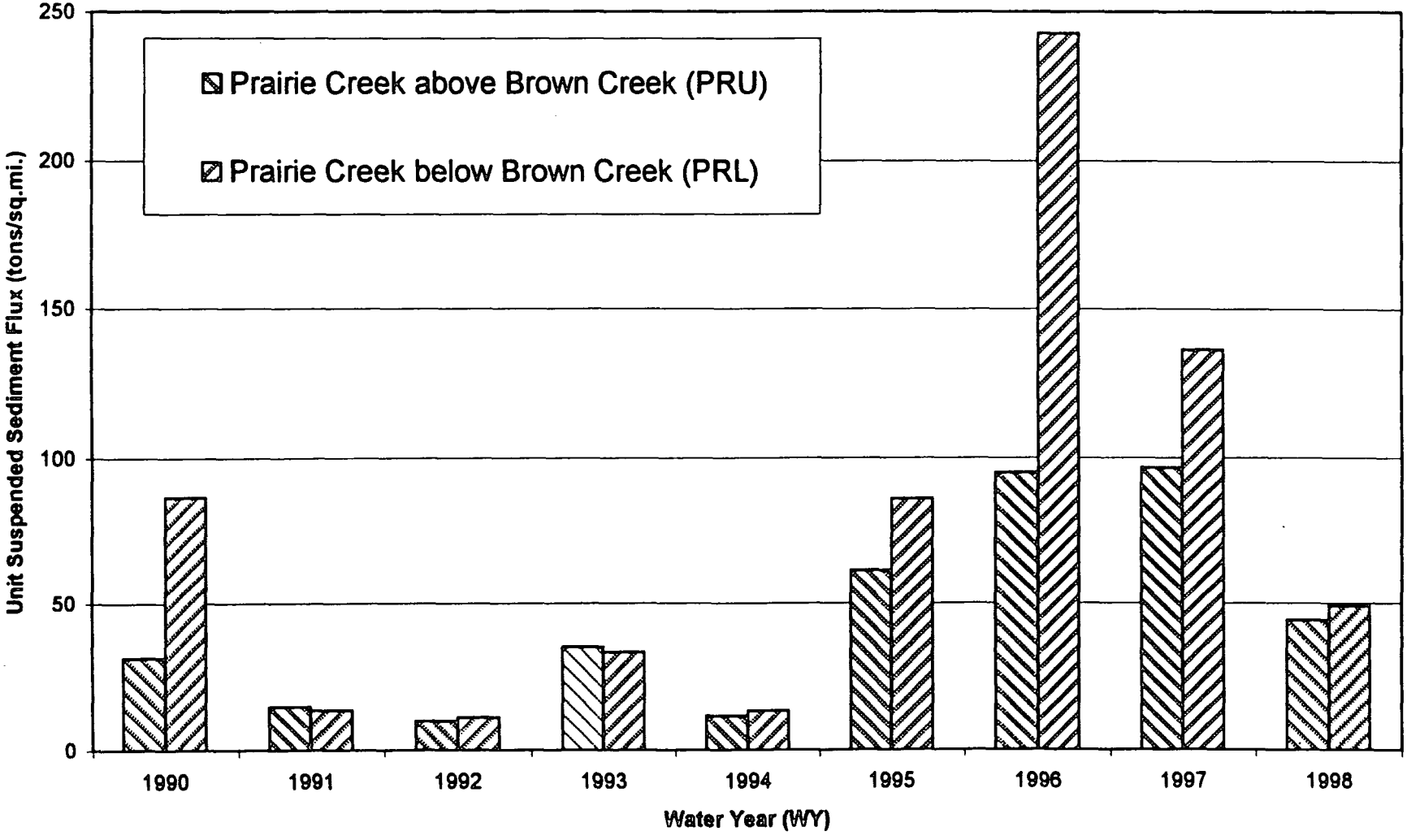
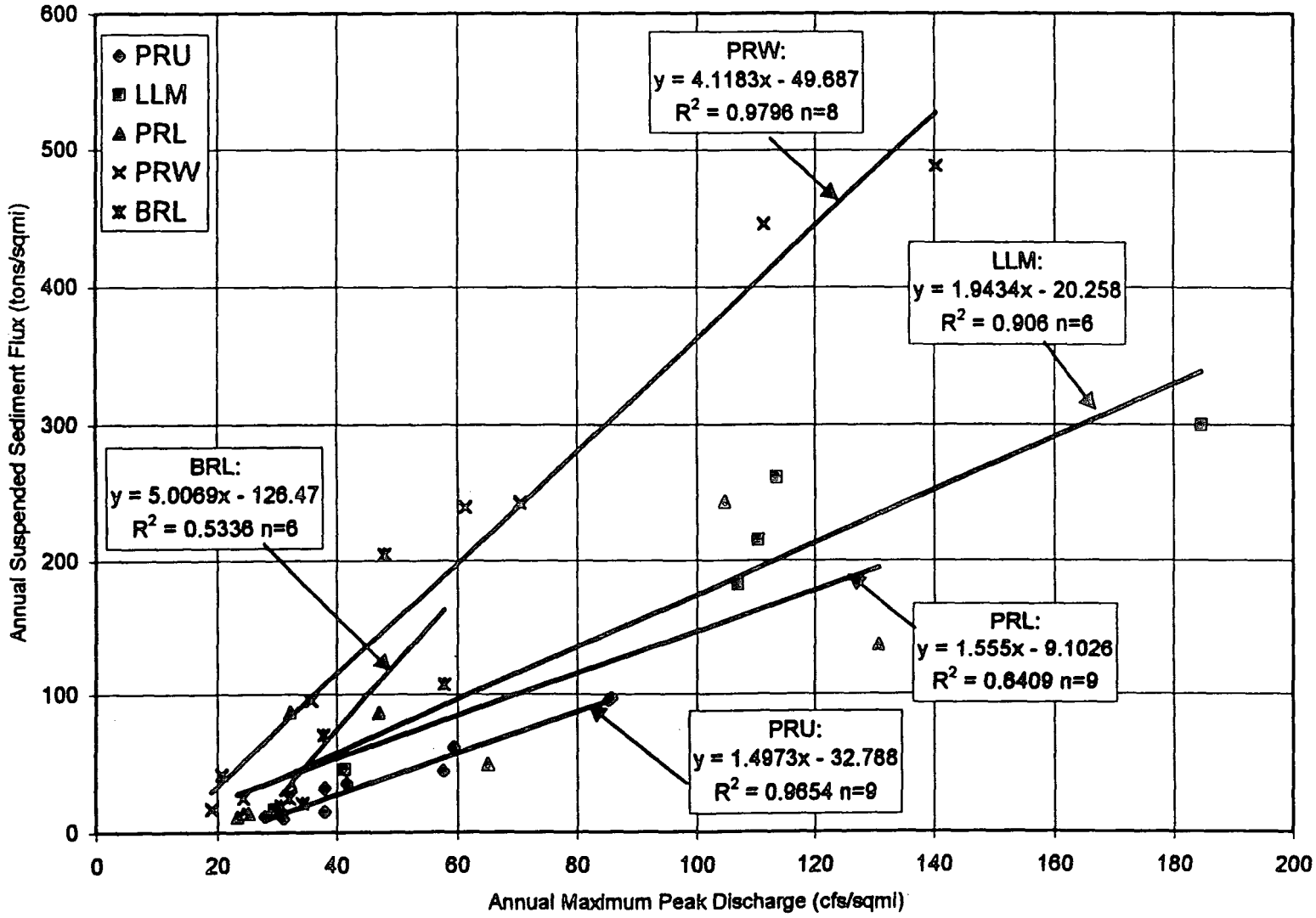


**Figure 9. Unit Suspended Sediment Flux for Prairie Creek above and below Brown Creek: WY90-98**




c:/excelfiles/bypassum.xls/PLPUQss

Figure 10. Prairie Creek Annual Suspended Sediment Flux vs Annual Maximum Peak Discharge



somewhat from year to year, overall results for WY90-95 are discussed briefly below. Beginning in WY96, researchers at Humboldt State University conducted streambed gravel sampling, and the results are not included here. A more detailed examination of gravel size and permeability results spanning the entire nine-year study period could be accomplished by pooling the RNSP and HSU data sets.

Fines Intrusion into Artificial Redds

As discussed earlier, two distinct "flushing" periods for fine sediment were observed in the records of suspended sediment flux: the first in WY93 and the second in WY96. Our infiltration bag sampling period caught the first of these flushes in WY93, the first year during which fines intrusion below Brown Creek was substantially higher than that above Brown Creek, in the control reach of upper Prairie Creek. Substantial differences were also observed in the WY94 data, but were less dramatic than in WY93. By WY95, differences between the Prairie Creek control reach and other reaches downstream were negligible, despite the fact that WY95 was a fairly wet winter. This suggests that, at least in the main channel of Prairie Creek, fines from the Bypass had effectively been flushed from the channel system. However, post-WY95 gravel size information could either confirm or contradict this conclusion, as the highest flows of the entire study period occurred after WY95.

In contrast to fines intrusion in the main channel of Prairie Creek, Brown Creek exhibited a differing temporal response. In WY90, the first runoff season following the October, 1989, erosion event, fines intrusion in Brown Creek was up to ten times higher than in Prairie Creek. Fines intrusion in Brown Creek remained higher, although less so, in WY91-92, and was lower than Prairie Creek, including the upper Prairie Creek control reach, in WY95 (no sampling was performed in WY93-94 in Brown Creek), suggesting that fines from Bypass erosion had been flushed from the streambed. Thus, fines intrusion occurred at higher levels and earlier in Brown Creek than in Prairie Creek, a trend consistent with our general understanding of time lags and attenuation of disturbance magnitudes in a downstream direction.

The second control stream, Little Lost Man Creek, was sampled in WY93-95 with infiltration bags. In WY93-94, fines intrusion was consistently higher in Little Lost Man Creek than all other reaches, but was very similar to them in WY95. Because of its more erodible geology, higher levels of sediment transport, and consequently higher levels of fines intrusion, would be expected in Little Lost Man Creek than in the upper Prairie Creek control reach. This would explain the results from WY93-94, but the lack of higher fines intrusion in WY95 cannot be easily explained.

Permeability

We initially expected fines intrusion and permeability to vary together (higher fines intrusion associated with lower permeability), as is widely reported in the scientific literature. While this model was exhibited in our data from time to time, inconsistencies abounded. In numerous cases, permeability appeared to increase as fines intruded into artificial redds, while in others, higher decreases in permeability were associated with relatively lower fines intrusion. In retrospect, more rigorous experimental controls might have improved the utility of permeability measurements. For example, using experimental gravel mixtures, rather than just sieving out fines from the pre-existing gravel, would have made initial permeabilities more consistent between samples might have made final permeability results more dependent fines intrusion. Also, permeability was measured only where the perforations in the pipe were located, near the bottom of the sample. However, fines intrusion was quantified for the core as a whole, including fines that intruded only a short distance vertically into the samples. Thus, effects on permeability may have been localized in the upper strata of the sample, while permeability was measured at depth. As with gravel samples, pooling of permeability results for the full term of the study may yield results which prove to be more meaningful than those included here.

## V. SUMMARY

Immediately following the October, 1989, Bypass erosion event, streambed surfaces in affected streams were covered with mud which obviously came from the event. The first few storms following this event re-mobilized this material and gave the appearance of recovery, but much of the sediment had infiltrated into the substrate. With the occurrence of a series of wet winters with high streamflows, subsurface fine sediments from the Bypass appeared to be flushed from the channel system. Results of nine years of monitoring physical trends and conditions in the Prairie Creek stream system indicate that effects on stream sedimentation from the 1989 Bypass erosion event were most likely gone as of WY98. Only with the full nine years of study could we say this with any confidence. Data collection for this study was discontinued in October, 1998 (beginning of WY99), thus there is no way to confirm that subsequent years will continue to show sediment conditions in streams draining the Bypass to be similar to streams not affected by the Bypass.

Of the suite of measurements made for this study, the most useful indices of the persistence and magnitude of effects from Bypass erosion proved to be suspended sediment flux comparisons between the upper Prairie Creek control reach and other affected reaches. Suspended sediment is a useful measurement for documenting short-term effects from erosion-producing events because it responds relatively quickly, unlike bedload. Streambed gravel sampling using artificial redds was also useful to distinguish Bypass effects from ambient levels of fines intrusion, but the level of effort (and cost) to conduct adequate sampling was substantially higher than for suspended sediment monitoring at stream gages once they were established.

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**Appendix A. Annual rainfall data tables mass curves from the Little Lost Man Creek raingage**

**LITTLE LOST MAN CREEK RAIN GAGE (LLM)**

(at former USGS Gaging Station No. 11482468)

LOCATION: In Redwood National and State Park approximately 0.8 miles upstream from confluence with Prairie Creek and 3.2 miles northeast of Orick. Latitude = 41° 19′ 20″; Longitude = 124° 01′ 10″.

PERIOD OF RECORD: September, 1993, to present (RNSP).

BASIN DESCRIPTION: Drainage area is 3.46 $mi^2$. Old-growth redwood forest cover entirely within national park. Elevation ranges from approximately 50 feet at gage to 1940 feet at headwater divide (from topographic map).

GAGE: Electronic data logger and tipping bucket rain gage

REMARKS: Records good. Gage located in opening in old-growth redwood forest.

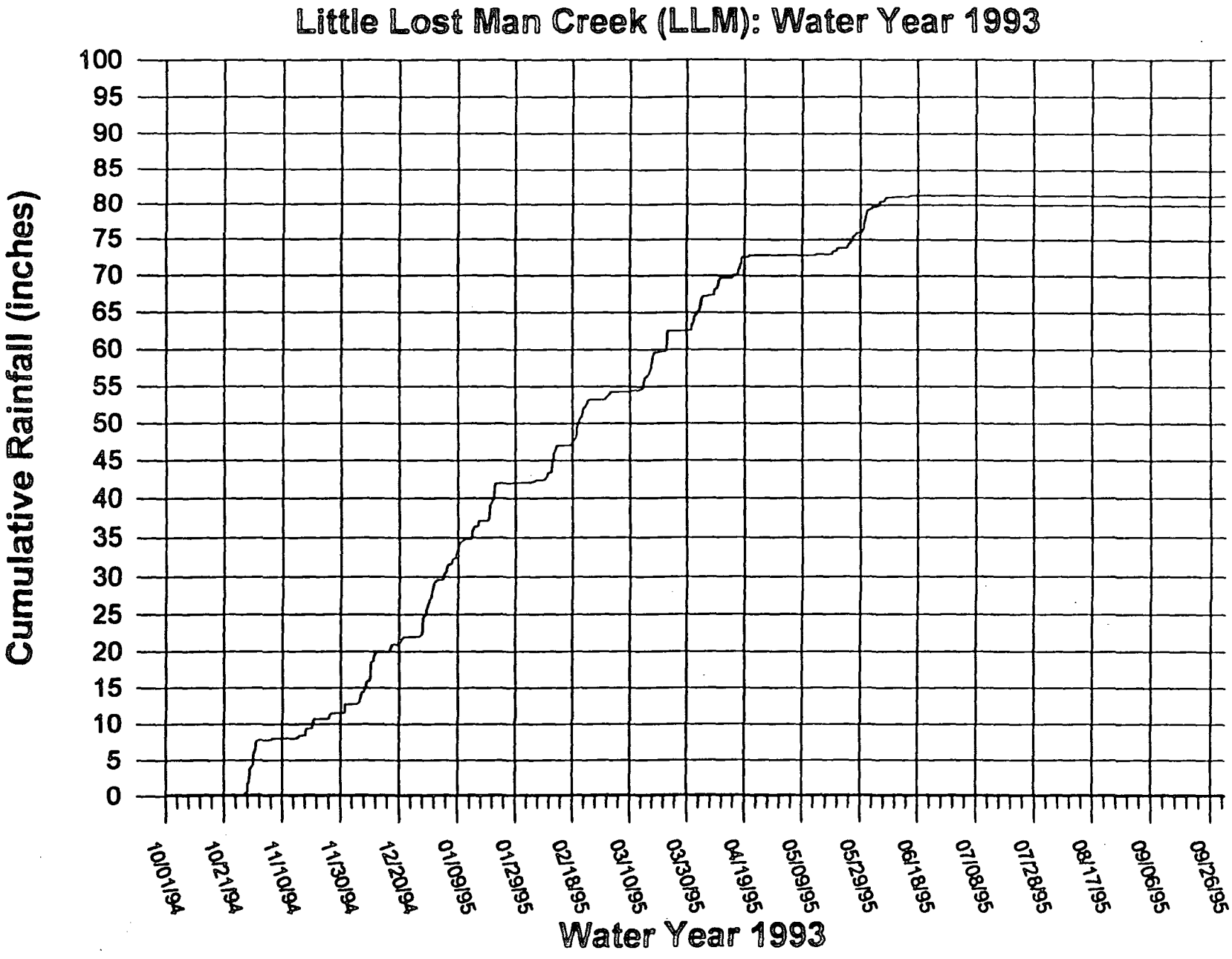
# Little Lost Man Creek (LLM) WY93: Daily Rainfall Depth (inches)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.10 | 1.20 | 0.26 | 0.00 | 0.38 | 1.17 | 0.00 | 0.23 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.51 | 0.63 | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.01 | 0.00 | 0.20 | 0.08 | 0.19 | 1.50 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.01 | 0.01 | 0.94 | 0.19 | 0.00 | 0.50 | 0.00 | 0.67 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.02 | 0.15 | 0.86 | 0.05 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.19 | 1.14 | 0.38 | 0.00 | 0.00 | 0.14 | 0.00 | 0.48 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.36 | 0.35 | 0.04 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 1.45 | 1.00 | 0.43 | 0.00 | 0.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.55 | 1.00 | 0.50 | 0.06 | 1.20 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 2.24 | 0.24 | 1.35 | 0.15 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.01 | 1.18 | 0.17 | 1.82 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 0.00 | 0.00 | 0.15 | 0.05 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.00 | 0.00 | 0.00 | 0.80 | 0.00 | 0.14 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.03 | 0.82 | 0.00 | 1.19 | 0.30 | 0.01 | 0.10 | 0.00 | 0.00 | 0.00 |
| 15 | 0.00 | 0.29 | 0.00 | 0.49 | 0.00 | 0.50 | 0.16 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.11 | 0.45 | 0.22 | 0.05 | 0.83 | 0.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | 0.00 | 0.05 | 0.54 | 0.00 | 0.38 | 1.67 | 1.41 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.91 | 0.03 | 0.01 | 0.45 | 0.79 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19 | 0.00 | 0.00 | 0.20 | 1.07 | 2.19 | 0.01 | 0.00 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 1.24 | 0.46 | 1.60 | 0.76 | 0.14 | 0.26 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.10 | 0.33 | 2.05 | 1.28 | 0.00 | 0.00 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.00 | 0.00 | 0.14 | 0.55 | 1.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.00 | 0.01 | 0.00 | 0.52 | 1.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.36 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.43 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 0.12 | 0.00 | 1.52 | 0.06 | 0.00 | 0.00 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 1.65 | 0.00 | 1.37 | 0.02 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 2.12 | 0.01 | 1.54 | 0.00 | --- | 0.00 | 0.00 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 1.97 | 0.03 | 1.26 | 0.00 | --- | 0.05 | 0.00 | 2.22 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 1.85 | --- | 1.65 | 0.00 | --- | 0.84 | --- | 0.65 | --- | 0.00 | 0.00 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 7.71 | 3.87 | 17.87 | 12.74 | 11.12 | 10.27 | 9.39 | 6.45 | 2.10 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.25 | 0.13 | 0.58 | 0.41 | 0.40 | 0.33 | 0.31 | 0.21 | 0.07 | 0.00 | 0.00 | 0.00 |
| MAX | 2.12 | 1.24 | 2.24 | 2.05 | 2.19 | 1.67 | 1.50 | 2.22 | 0.67 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PEAK | 0.27 | 0.11 | 0.28 | 0.15 | 0.13 | 0.09 | 0.25 | 0.11 | 0.15 | 0.00 | 0.00 | 0.00 |
| LOW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

PERIOD TOTAL MEAN: 0.22
PERIOD TOTAL MAX: 2.24
PERIOD TOTAL MIN: 0.00
PERIOD TOTAL SUM: 81.52

PERIOD TOTAL PEAK: 0.28
PERIOD TOTAL LOW: 0.00

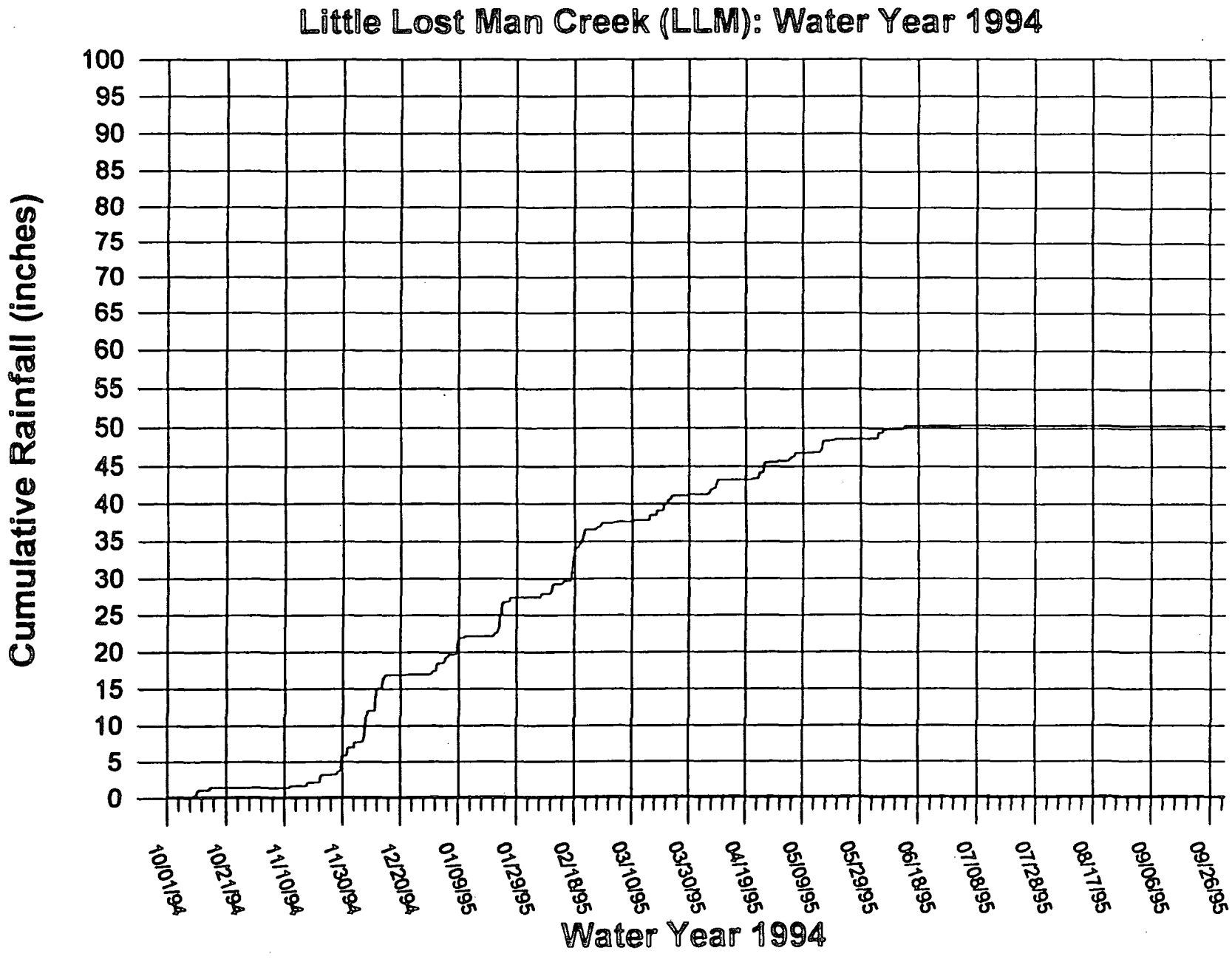

Little Lost Man Creek (LLM): Water Year 1993
Cumulative Rainfall (inches)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1993

# Little Lost Man Creek (LLM) WY94: Daily Rainfall Depth (inches)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00 | 1.11 | 0.94 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| 3 | 0.00 | 0.01 | 0.71 | 0.19 | 0.00 | 0.11 | 0.00 | 0.26 | 0.25 | 0.00 | 0.00 | 0.00 |
| 4 | 0.15 | 0.01 | 0.06 | 0.59 | 0.00 | 0.03 | 0.00 | 0.26 | 0.48 | 0.00 | 0.00 | 0.00 |
| 5 | 0.01 | 0.00 | 0.01 | 0.31 | 0.00 | 0.02 | 0.04 | 0.51 | 0.44 | 0.00 | 0.00 | 0.00 |
| 6 | 0.03 | 0.00 | 0.18 | 0.00 | 0.47 | 0.00 | 0.59 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 2.85 | 0.09 | 0.04 | 0.00 | 0.14 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 1.29 | 1.95 | 0.00 | 0.00 | 0.98 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.07 | 0.00 | 0.00 | 0.28 | 0.43 | 0.00 | 0.16 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.17 | 0.00 | 0.35 | 0.09 | 0.87 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | 0.65 | 0.22 | 2.65 | 0.09 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 0.01 | 0.01 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 |
| 13 | 0.00 | 0.00 | 1.08 | 0.01 | 0.21 | 0.00 | 0.00 | 0.00 | 0.39 | 0.00 | 0.00 | 0.00 |
| 14 | 0.03 | 0.00 | 0.72 | 0.00 | 0.15 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | 0.29 | 0.00 | 0.01 | 0.00 | 0.03 | 0.26 | 0.00 | 1.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.02 | 1.10 | 0.39 | 0.00 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | 0.00 | 0.47 | 0.00 | 0.00 | 2.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.01 | 0.01 | 0.01 | 0.92 | 0.62 | 0.08 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.56 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.00 | 0.01 | 0.00 | 1.06 | 0.35 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.05 | 0.01 | 0.39 | 0.82 | 0.55 | 0.07 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 1.03 | 0.00 | 1.10 | 0.00 | 0.56 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.52 | 0.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.00 | 0.00 | 0.01 | 0.53 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.00 | 0.00 | 0.08 | 0.31 | 0.00 | 1.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.01 | 0.00 | 0.54 | 0.16 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 0.00 | 0.00 | 0.00 | 0.01 | 0.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 0.00 | 0.54 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 0.00 | 2.06 | 0.00 | 0.00 | --- | 0.08 | 0.19 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.51 | 0.00 | --- | 0.14 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.01 | --- | 0.00 | --- | 0.10 | --- | 0.00 | 0.00 | |
| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| TOTAL | 1.41 | 4.42 | 11.65 | 9.97 | 10.00 | 3.88 | 4.38 | 2.94 | 1.72 | 0.01 | 0.00 | 0.00 |
| MEAN | 0.05 | 0.15 | 0.38 | 0.32 | 0.36 | 0.13 | 0.15 | 0.09 | 0.06 | 0.00 | 0.00 | 0.00 |
| MAX | 0.65 | 2.06 | 2.85 | 2.60 | 2.46 | 0.62 | 1.13 | 1.20 | 0.48 | 0.01 | 0.00 | 0.00 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PEAK | 0.08 | 0.14 | 0.19 | 0.23 | 0.12 | 0.10 | 0.15 | 0.13 | 0.06 | 0.01 | 0.00 | 0.00 |
| LOW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

PERIOD TOTAL MEAN: 0.14
PERIOD TOTAL MAX: 2.85
PERIOD TOTAL MIN: 0.00
PERIOD TOTAL SUM: 50.38

PERIOD TOTAL PEAK: 0.23
PERIOD TOTAL LOW: 0.00


Little Lost Man Creek (LLM): Water Year 1994
Cumulative Rainfall (inches)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1994

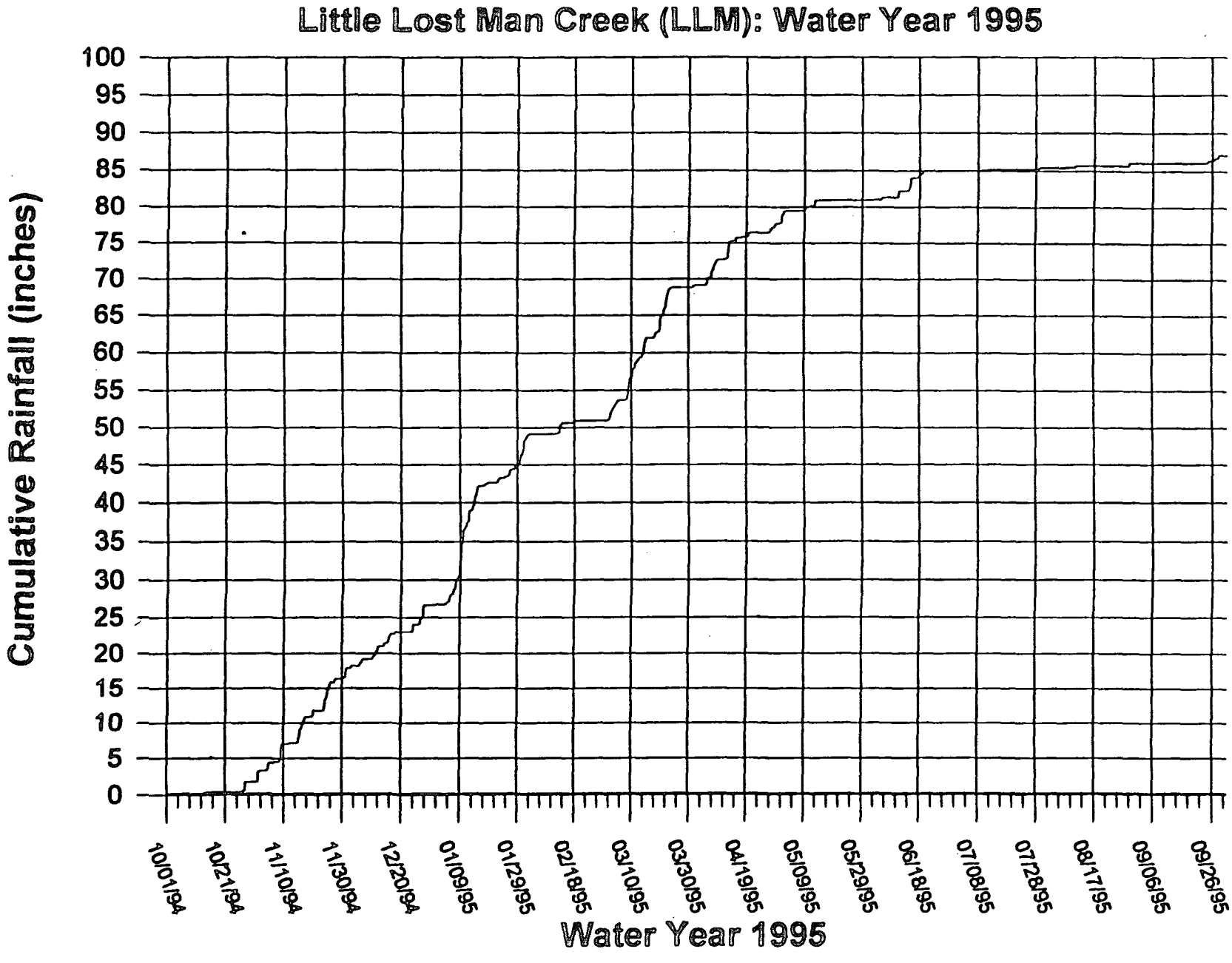
# Little Lost Man Creek (LLM) WY95: Daily Rainfall Depth (inches)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 1.40 | 1.08 | 0.07 | 0.52 | 0.07 | 0.01 | 1.08 | 0.02 | 0.00 | 0.01 | 0.01 |
| 2 | 0.00 | 0.00 | 0.07 | 0.00 | 0.01 | 1.20 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.27 | 0.01 | 0.00 | 0.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 1.11 | 0.00 | 0.25 | 0.00 | 0.60 | 0.01 | 0.00 | 0.27 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.02 | 0.41 | 1.02 | 0.00 | 0.29 | 1.03 | 0.01 | 0.08 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.13 | 0.48 | 0.72 | 0.00 | 0.00 | 0.84 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 |
| 7 | 0.00 | 0.01 | 0.09 | 1.20 | 0.00 | 0.01 | 0.88 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 |
| 8 | 0.00 | 0.51 | 0.00 | 1.75 | 0.01 | 1.69 | 0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 2.03 | 0.00 | 3.85 | 0.00 | 1.31 | 0.07 | 0.45 | 0.00 | 0.11 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.41 | 1.42 | 0.00 | 1.17 | 0.01 | 0.14 | 0.85 | 0.00 | 0.13 | 0.00 |
| 11 | 0.00 | 0.01 | 0.67 | 1.48 | 0.05 | 0.82 | 0.08 | 0.16 | 0.00 | 0.05 | 0.00 | 0.00 |
| 12 | 0.02 | 0.11 | 0.70 | 0.73 | 0.92 | 0.70 | 1.77 | 0.78 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.03 | 0.00 | 0.00 | 1.31 | 0.55 | 0.54 | 0.70 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 |
| 14 | 0.31 | 0.00 | 0.44 | 1.27 | 0.00 | 2.06 | 0.01 | 0.00 | 1.59 | 0.00 | 0.00 | 0.03 |
| 15 | 0.01 | 1.88 | 0.80 | 0.47 | 0.00 | 0.01 | 0.49 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 1.19 | 0.49 | 0.13 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | 0.00 | 0.59 | 0.22 | 0.18 | 0.19 | 0.26 | 0.16 | 0.01 | 0.39 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.00 | 0.06 | 0.19 | 0.07 | 0.52 | 0.00 | 0.00 | 0.24 | 0.02 | 0.00 | 0.00 |
| 19 | 0.00 | 0.23 | 0.01 | 0.00 | 0.00 | 0.80 | 0.46 | 0.00 | 0.33 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.65 | 0.00 | 0.00 | 0.00 | 1.56 | 0.13 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 1.35 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| 22 | 0.00 | 0.00 | 0.00 | 0.54 | 0.00 | 1.60 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 1.08 | 0.00 | 0.02 | 0.00 | 0.70 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 24 | 0.00 | 1.86 | 0.99 | 0.18 | 0.01 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 |
| 25 | 0.02 | 1.23 | 0.00 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.09 |
| 26 | 0.06 | 0.03 | 0.89 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.23 |
| 27 | 1.33 | 0.47 | 1.65 | 0.10 | 0.00 | 0.00 | 0.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 |
| 28 | 0.00 | 0.00 | 0.05 | 0.53 | 0.00 | 0.00 | 0.46 | 0.00 | 0.00 | 0.00 | 0.40 | 0.39 |
| 29 | 0.00 | 0.10 | 0.00 | 0.78 | --- | 0.00 | 0.10 | 0.00 | 0.00 | 0.17 | 0.02 | 0.00 |
| 30 | 0.00 | 0.37 | 0.01 | 1.15 | --- | 0.00 | 0.58 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| 31 | 0.05 | --- | 0.07 | 1.75 | --- | 0.30 | --- | 0.00 | --- | 0.00 | 0.00 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 1.83 | 15.01 | 9.86 | 21.93 | 2.33 | 18.21 | 9.19 | 2.65 | 4.00 | 0.42 | 0.66 | 1.09 |
| MEAN | 0.06 | 0.50 | 0.32 | 0.71 | 0.08 | 0.59 | 0.31 | 0.09 | 0.13 | 0.01 | 0.02 | 0.04 |
| MAX | 1.33 | 2.03 | 1.65 | 3.85 | 0.92 | 2.06 | 1.77 | 1.08 | 1.59 | 0.17 | 0.40 | 0.39 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PEAK | 0.10 | 0.17 | 0.15 | 0.17 | 0.09 | 0.17 | 0.13 | 0.07 | 0.09 | 0.08 | 0.05 | 0.21 |
| LOW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

PERIOD TOTAL MEAN: 0.24
PERIOD TOTAL MAX: 3.85
PERIOD TOTAL MIN: 0.00
PERIOD TOTAL SUM: 87.18

PERIOD TOTAL PEAK: 0.21
PERIOD TOTAL LOW: 0.00


Little Lost Man Creek (LLM): Water Year 1995
Cumulative Rainfall (inches)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

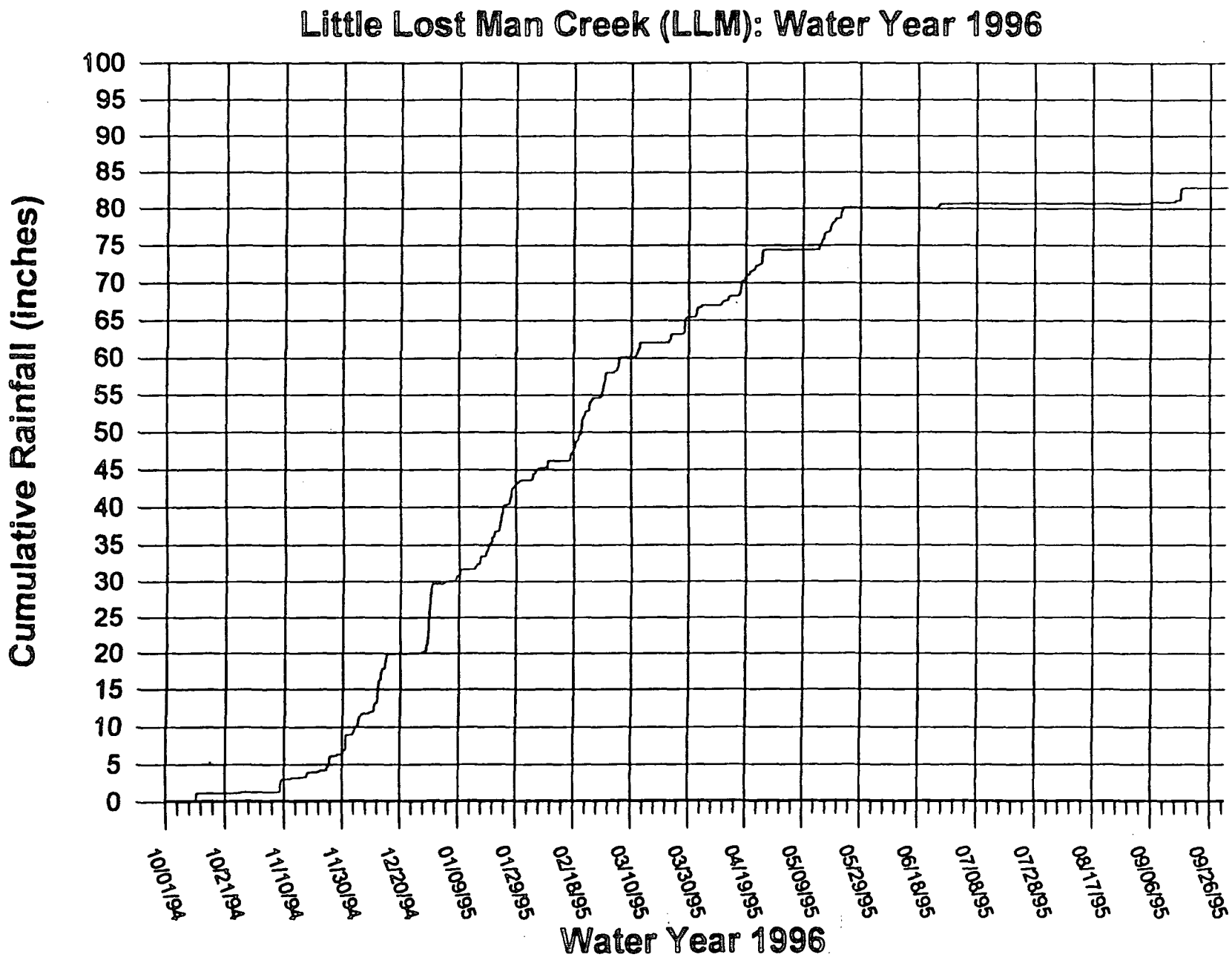
# Little Lost Man Creek (LLM) WY96: Daily Rainfall Depth (inches)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00 | 1.97 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.06 | 0.00 | 0.42 | 0.32 | 0.68 | 0.21 | 0.00 | 0.00 | 0.01 | 0.04 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.74 | 0.02 | 0.59 | 1.69 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.14 |
| 5 | 0.00 | 0.00 | 1.31 | 0.11 | 0.26 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 6 | 0.00 | 0.00 | 0.30 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.02 | 0.42 | 0.08 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 1.52 | 0.09 | 0.37 | 0.61 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.21 | 0.10 | 0.82 | 0.31 | 0.00 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.98 | 0.00 | 0.00 | 0.27 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | 1.13 | 0.03 | 1.22 | 0.01 | 0.00 | 1.64 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 0.00 | 0.17 | 2.38 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 |
| 13 | 0.00 | 0.00 | 1.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 0.00 | 0.00 | 0.00 | 0.22 |
| 14 | 0.00 | 0.00 | 1.44 | 0.37 | 0.00 | 0.00 | 0.00 | 0.78 | 0.00 | 0.00 | 0.00 | 0.89 |
| 15 | 0.00 | 0.06 | 0.63 | 0.31 | 0.00 | 0.00 | 0.39 | 0.99 | 0.00 | 0.00 | 0.00 | 0.79 |
| 16 | 0.00 | 0.01 | 0.00 | 1.08 | 0.83 | 0.00 | 1.61 | 0.10 | 0.00 | 0.01 | 0.00 | 0.02 |
| 17 | 0.00 | 0.53 | 0.00 | 0.01 | 0.46 | 0.00 | 0.51 | 0.88 | 0.00 | 0.02 | 0.00 | 0.00 |
| 18 | 0.00 | 0.12 | 0.04 | 0.71 | 1.27 | 0.00 | 0.29 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19 | 0.00 | 0.00 | 0.01 | 0.97 | 0.88 | 0.00 | 0.58 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.00 | 0.00 | 0.90 | 1.66 | 0.00 | 0.13 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.10 | 0.01 | 0.76 | 1.15 | 0.22 | 0.55 | 1.41 | 0.00 | 0.00 | 0.01 | 0.00 |
| 22 | 0.00 | 0.15 | 0.03 | 0.08 | 0.36 | 0.91 | 0.19 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.00 | 0.00 | 1.92 | 1.26 | 0.00 | 1.74 | 0.00 | 0.34 | 0.00 | 0.00 | 0.00 |
| 24 | 0.00 | 0.63 | 0.01 | 1.33 | 0.53 | 0.00 | 0.15 | 0.00 | 0.18 | 0.00 | 0.00 | 0.00 |
| 25 | 0.02 | 1.31 | 0.00 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.05 | 0.05 | 0.01 | 0.70 | 0.03 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 0.00 | 0.12 | 0.24 | 1.42 | 0.68 | 2.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 0.00 | 0.06 | 0.95 | 0.51 | 2.02 | 0.20 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| 29 | 0.00 | 0.18 | 4.63 | 0.28 | 0.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 0.00 | 0.52 | 3.80 | 0.35 | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.01 | --- | 1.08 | --- | 0.00 | --- | 0.00 | 0.00 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 1.26 | 5.77 | 22.58 | 14.05 | 14.38 | 8.53 | 7.84 | 5.69 | 0.54 | 0.09 | 0.01 | 2.17 |
| MEAN | 0.04 | 0.19 | 0.73 | 0.45 | 0.50 | 0.28 | 0.26 | 0.18 | 0.02 | 0.00 | 0.00 | 0.07 |
| MAX | 1.13 | 1.52 | 4.63 | 1.92 | 2.02 | 2.03 | 1.74 | 1.41 | 0.34 | 0.04 | 0.01 | 0.89 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PEAK | 0.13 | 0.17 | 0.29 | 0.19 | 0.20 | 0.17 | 0.12 | 0.10 | 0.06 | 0.01 | 0.01 | 0.13 |
| LOW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

PERIOD TOTAL MEAN: 0.23
PERIOD TOTAL MAX: 4.63
PERIOD TOTAL MIN: 0.00
PERIOD TOTAL SUM: 82.91

PERIOD TOTAL PEAK: 0.29
PERIOD TOTAL LOW: 0.00

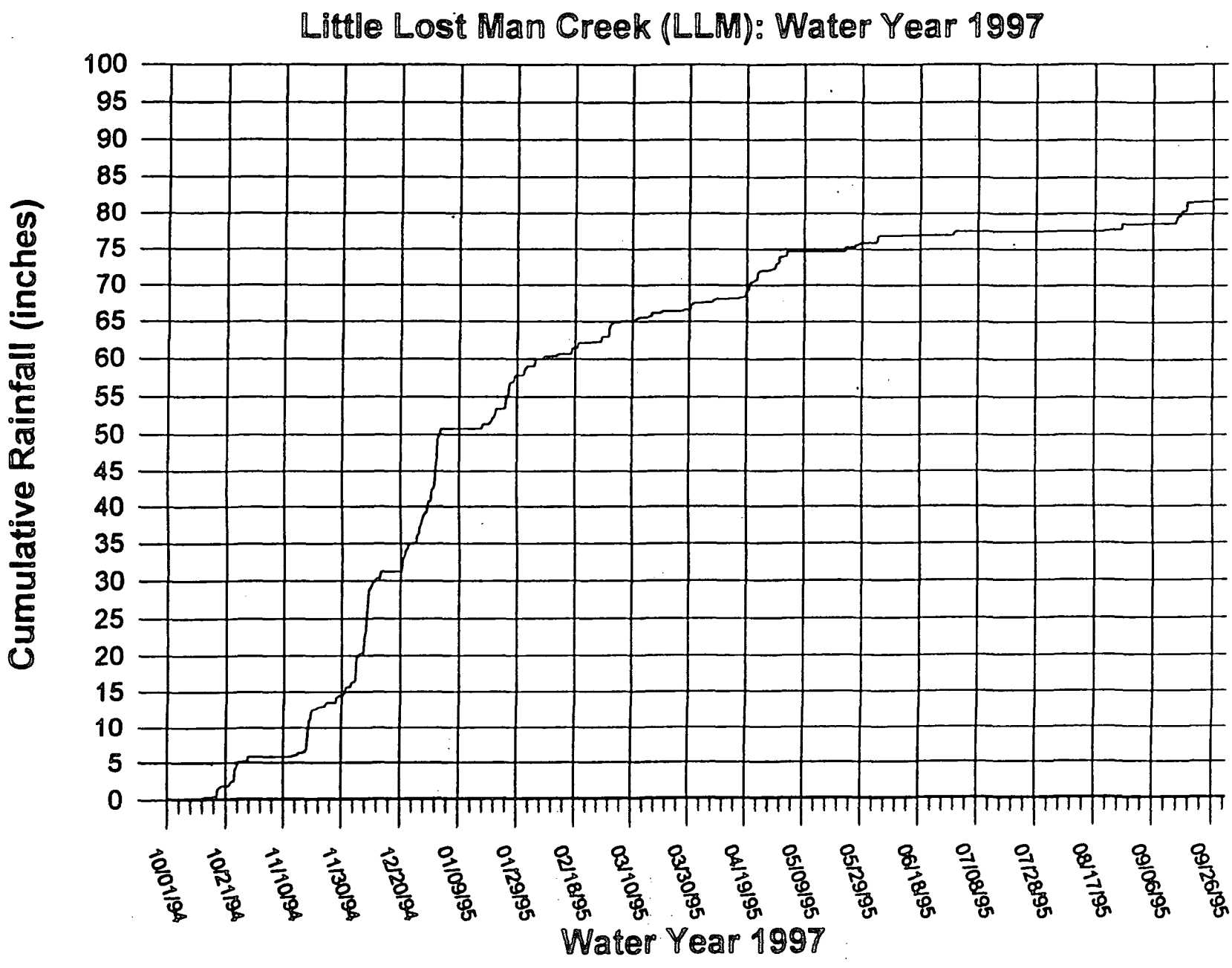

Little Lost Man Creek (LLM): Water Year 1996
Cumulative Rainfall (inches)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1996

# Little Lost Man Creek (LLM) WY97: Daily Rainfall Depth (inches)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00 | 0.39 | 5.00 | 0.28 | 1.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.54 | 1.13 | 0.00 | 0.61 | 0.00 | 0.63 | 0.06 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.16 | 0.01 | 0.37 | 0.14 | 0.00 | 0.02 | 0.90 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 3.25 | 0.01 | 0.64 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.67 | 0.00 | 0.00 | 0.14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.04 | 0.01 | 0.00 | 0.05 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 2.66 | 0.00 | 0.32 | 0.05 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 4.45 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.03 | 0.00 | 1.87 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.05 |
| 10 | 0.00 | 0.00 | 0.64 | 0.00 | 0.01 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |
| 11 | 0.00 | 0.00 | 0.39 | 0.01 | 0.21 | 0.12 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 |
| 12 | 0.08 | 0.07 | 0.57 | 0.00 | 0.03 | 0.18 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.24 | 0.08 | 0.32 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 |
| 14 | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 |
| 15 | 0.05 | 0.29 | 0.01 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.82 |
| 16 | 0.00 | 0.05 | 0.00 | 0.50 | 0.80 | 0.52 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 17 | 0.20 | 0.80 | 0.01 | 0.09 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 1.26 |
| 18 | 0.98 | 3.77 | 0.00 | 0.00 | 0.28 | 0.00 | 0.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19 | 0.22 | 1.44 | 0.01 | 0.39 | 0.45 | 0.08 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.10 | 1.89 | 0.59 | 0.00 | 0.13 | 0.52 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 |
| 21 | 0.01 | 0.21 | 1.07 | 1.07 | 0.09 | 0.00 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.65 | 0.09 | 0.75 | 0.00 | 0.00 | 0.00 | 1.04 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.53 | 0.09 | 0.09 | 0.00 | 0.00 | 0.00 | 0.26 | 0.59 | 0.00 | 0.00 | 0.11 | 0.00 |
| 24 | 1.59 | 0.50 | 0.01 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.55 | 0.01 | 1.17 | 1.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 26 | 0.00 | 0.00 | 1.24 | 1.07 | 0.00 | 0.03 | 0.18 | 0.29 | 0.00 | 0.00 | 0.73 | 0.28 |
| 27 | 0.00 | 0.69 | 1.34 | 0.67 | 0.75 | 0.17 | 0.00 | 0.18 | 0.00 | 0.00 | 0.01 | 0.00 |
| 28 | 0.72 | 0.27 | 0.42 | 0.27 | 0.00 | 0.01 | 0.44 | 0.07 | 0.01 | 0.00 | 0.00 | 0.00 |
| 29 | 0.00 | 0.01 | 1.51 | 0.00 | --- | 0.00 | 0.49 | 0.00 | 0.43 | 0.00 | 0.00 | 0.00 |
| 30 | 0.00 | 0.78 | 1.72 | 0.01 | --- | 0.77 | 0.87 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 |
| 31 | 0.00 | --- | 2.18 | 0.88 | --- | 0.19 | --- | 0.08 | --- | 0.00 | 0.00 | |
| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| TOTAL | 5.85 | 9.40 | 29.37 | 14.10 | 4.27 | 4.64 | 6.39 | 1.90 | 1.58 | 0.03 | 1.05 | 3.38 |
| MEAN | 0.19 | 0.31 | 0.95 | 0.45 | 0.15 | 0.15 | 0.21 | 0.06 | 0.05 | 0.00 | 0.03 | 0.11 |
| MAX | 1.59 | 3.77 | 4.45 | 5.00 | 0.80 | 1.18 | 1.04 | 0.63 | 0.90 | 0.03 | 0.73 | 1.26 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PEAK | 0.12 | 0.18 | 0.24 | 0.15 | 0.10 | 0.10 | 0.12 | 0.09 | 0.12 | 0.01 | 0.10 | 0.20 |
| LOW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

PERIOD TOTAL MEAN: 0.22
PERIOD TOTAL MAX: 5.00
PERIOD TOTAL MIN: 0.00
PERIOD TOTAL SUM: 81.96

PERIOD TOTAL PEAK: 0.24
PERIOD TOTAL LOW: 0.00

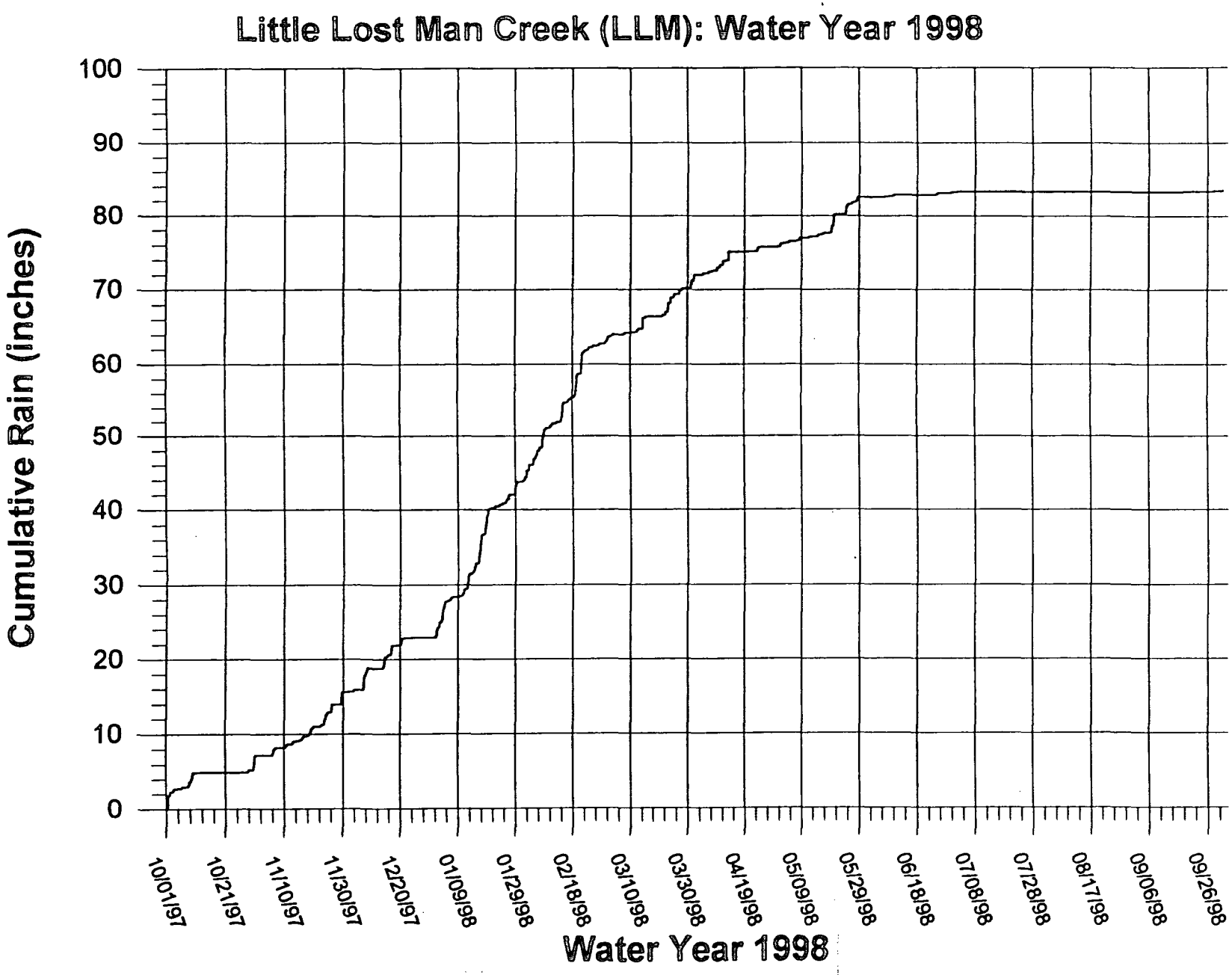

Little Lost Man Creek (LLM): Water Year 1997
Cumulative Rainfall (inches)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1997

# Little Lost Man Creek (LLM) WY 98: Daily Rainfall Depth (inches)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.85 | 0.00 | 0.01 | 1.19 | 1.14 | 0.28 | 0.80 | 0.43 | 0.00 | 0.05 | 0.00 | 0.00 |
| 2 | 0.46 | 0.00 | 0.00 | 0.87 | 1.00 | 0.70 | 0.00 | 0.10 | 0.01 | 0.01 | 0.00 | 0.00 |
| 3 | 0.33 | 0.00 | 0.25 | 1.92 | 0.03 | 0.24 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 0.00 |
| 4 | 0.08 | 0.00 | 0.04 | 0.85 | 0.83 | 0.02 | 0.20 | 0.23 | 0.00 | 0.01 | 0.00 | 0.00 |
| 5 | 0.02 | 0.02 | 0.02 | 0.15 | 1.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.18 | 0.85 | 0.02 | 0.43 | 0.45 | 0.00 | 0.19 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.11 | 2.23 | 0.03 | 1.80 | 0.13 | 0.15 | 0.07 | 0.09 | 0.00 | 0.00 | 0.00 |
| 8 | 0.72 | 0.00 | 0.62 | 0.00 | 0.93 | 0.12 | 0.00 | 0.39 | 0.02 | 0.00 | 0.00 | 0.00 |
| 9 | 1.14 | 0.00 | 0.00 | 0.16 | 0.04 | 0.00 | 0.40 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 10 | 0.08 | 0.32 | 0.00 | 0.42 | 0.59 | 0.08 | 0.35 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 |
| 11 | 0.05 | 0.18 | 0.01 | 0.47 | 0.04 | 0.01 | 0.53 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 0.00 | 0.05 | 0.00 | 2.03 | 0.18 | 0.42 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.00 | 0.27 | 0.14 | 0.31 | 0.17 | 0.04 | 1.13 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| 14 | 0.00 | 0.07 | 1.42 | 1.06 | 2.46 | 1.43 | 0.00 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | 0.00 | 0.14 | 0.27 | 0.22 | 0.17 | 0.15 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.45 | 0.71 | 3.61 | 0.40 | 0.00 | 0.00 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | 0.00 | 0.13 | 0.56 | 0.16 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.32 | 0.01 | 2.38 | 0.31 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.08 |
| 19 | 0.00 | 0.72 | 0.00 | 0.99 | 2.94 | 0.00 | 0.00 | 0.94 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.10 | 0.95 | 0.05 | 0.11 | 0.00 | 0.05 | 1.54 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.05 | 0.01 | 0.24 | 2.87 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.25 | 0.00 | 0.04 | 0.25 | 0.45 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.71 | 0.02 | 0.23 | 0.35 | 1.14 | 0.55 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 24 | 0.00 | 0.89 | 0.00 | 0.14 | 0.02 | 0.73 | 0.06 | 1.11 | 0.08 | 0.00 | 0.00 | 0.01 |
| 25 | 0.00 | 0.17 | 0.01 | 0.46 | 0.25 | 0.50 | 0.00 | 0.32 | 0.18 | 0.00 | 0.00 | 0.00 |
| 26 | 0.03 | 0.90 | 0.01 | 0.62 | 0.00 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 0.00 | 0.00 | 0.00 | 0.06 | 0.25 | 0.52 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.07 |
| 28 | 0.14 | 0.01 | 0.00 | 0.36 | 0.00 | 0.20 | 0.00 | 0.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 0.14 | 1.66 | 0.01 | 1.37 | --- | 0.10 | 0.00 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 |
| 30 | 1.19 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.01 | 0.00 | 0.06 | 0.00 | 0.00 | 0.01 |
| 31 | 0.79 | --- | 0.00 | 0.14 | --- | 1.00 | --- | 0.00 | --- | 0.00 | 0.00 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 7.20 | 8.37 | 7.32 | 20.96 | 18.91 | 8.46 | 4.55 | 6.81 | 0.67 | 0.09 | 0.00 | 0.17 |
| MEAN | 0.23 | 0.28 | 0.24 | 0.68 | 0.68 | 0.27 | 0.15 | 0.22 | 0.02 | 0.00 | 0.00 | 0.01 |
| MAX | 1.85 | 1.66 | 2.23 | 3.61 | 2.94 | 1.43 | 1.13 | 1.54 | 0.18 | 0.05 | 0.00 | 0.08 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PEAK | 0.19 | 0.11 | 0.14 | 0.26 | 0.17 | 1.43 | 1.13 | 0.10 | 0.02 | 0.01 | 0.00 | 0.03 |
| LOW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.23 |
| PERIOD TOTAL MAX: | 3.61 |
| PERIOD TOTAL MIN: | 0.00 |
| PERIOD TOTAL SUM: | 83.51 |
| PERIOD TOTAL PEAK: | 1.43 |
| PERIOD TOTAL LOW: | 0.00 |


Little Lost Man Creek (LLM): Water Year 1998
Cumulative Rain (inches)
100
90
80
70
60
50
40
30
20
10
0
10/01/97
10/21/97
11/10/97
11/30/97
12/20/97
01/09/98
01/29/98
02/18/98
03/10/98
03/30/98
04/19/98
05/09/98
05/29/98
06/18/98
07/08/98
07/28/98
08/17/98
09/06/98
09/26/98
Water Year 1998

**Appendix B: Annual discharge data tables and hydrographs from Prairie Creek stream gages**

**Appendix C. Annual suspended sediment flux data tables and mass curves from Prairie Creek stream gages**

## Appendix D. Summary of riffle permeability and gravel sampling results: WY90-95

Gravel sample particle size and permeability data for infiltration bag sites. Sites are listed in downstream order. Samples truncated at 128 mm before calculation of particle size indices. $D_g$ is geometric mean diameter in mm. $D_{50}$ is median diameter in mm. Bracketed values of % decrease in permeability indicate increased permeability from initial to final reading. Blank entry means data not yet available; "—" means data not collected.

| Location | Code | % < 4 mm | % < 2 mm | $D_g$ | $D_{50}$ | Permeability (inflow rate, ml/sec) | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | initial | final | % decr |
| WY90 | | | | | | | | |
| Prairie Creek above Brown | PABR | 3.96 | 3.57 | | | 101.9 | 83.6 | 18 |
| Prairie Creek above Boyes | PABY | 3.72 | 3.47 | | | 56.6 | 37.5 | 34 |
| Prairie Creek below Boyes | PBBY | 4.47 | 3.05 | | | 47.3 | 35.1 | 26 |
| Prairie Creek above May | PAMY | | | | | 66.8 | 54.2 | 19 |
| Upper Brown Creek riffle | UBR1 | 18.05 | 10.05 | 14.9 | 23.8 | — | — | — |
| Upper Brown Creek pool | UBP1 | 32.87 | 17.53 | 8.7 | 7.2 | — | — | — |
| Upper Brown Creek riffle | UBR2 | | 5.75 | | | — | — | — |
| Upper Brown Creek riffle | UBR3 | | 4.22 | | | — | — | — |
| Upper Brown Creek pool | UBP3 | 17.91 | 8.70 | 15.5 | 35.0 | — | — | — |
| Upper Brown Creek riffle | UBR5 | 11.48 | 5.75 | 21.7 | 48.7 | — | — | — |
| Upper Brown Creek riffle | UBR8 | 13.30 | 4.22 | 19.5 | 50.8 | — | — | — |
| Lost Man Creek | LM1 | 2.60 | 2.23 | | | — | — | — |
| WY91 | | | | | | | | |
| Prairie Creek above Brown | AB10 | 5.2 | 4.1 | 41.5 | 46.7 | 50.2 | 101.9 | [103] |
| Prairie Creek above Brown | AB9 | 3.7 | 2.8 | 41.4 | 52.2 | 104.2 | 97.4 | 7 |
| Prairie Creek above Brown | AB8 | 4.7 | 3.5 | 34.2 | 45.7 | 102.5 | 115.8 | [13] |
| Prairie Creek above Brown | AB7 | 4.3 | 3.5 | 31.3 | 35.2 | 113.8 | 116.1 | [2] |
| Prairie Creek above Brown | AB6 | 2.6 | 2.3 | 59.8 | 67.5 | 87.2 | 97.9 | [12] |
| Prairie Creek above Brown | AB5 | 3.2 | 2.8 | 42.5 | 48.2 | 86.1 | 82.0 | 5 |
| Prairie Creek above Brown | AB4 | 2.1 | 1.7 | 35.8 | 39.4 | 149.7 | 101.5 | 32 |
| Prairie Creek above Brown | AB3 | 3.0 | 2.4 | 50.4 | 61.1 | 137.0 | 98.2 | 28 |
| Prairie Creek above Brown | AB2 | 3.2 | 2.8 | 43.6 | 45.1 | 91.4 | 75.4 | 18 |
| Prairie Creek above Brown | AB1 | 8.7 | 7.1 | 24.4 | 21.2 | 87.9 | 60.0 | 32 |
| Prairie Creek below Brown | BB10 | 4.3 | 3.0 | 49.1 | 54.5 | 83.9 | 73.6 | 12 |
| Prairie Creek below Brown | BB9 | 3.2 | 2.2 | 54.3 | 64.9 | — | 102.7 | — |
| Prairie Creek below Brown | BB8 | 2.7 | 1.9 | 56.9 | 65.8 | 88.8 | 99.6 | [12] |
| Prairie Creek below Brown | BB7 | 4.8 | 3.8 | 53.5 | 56.2 | 95.2 | 104.4 | [10] |
| Prairie Creek below Brown | BB6 | 3.6 | 2.5 | 54.7 | 65.4 | 65.5 | 78.7 | [20] |
| Prairie Creek below Brown | BB5 | 2.3 | 1.8 | 48.7 | 56.8 | 51.8 | 61.7 | [19] |
| Prairie Creek below Brown | BB4 | 5.9 | 4.5 | 35.9 | 39.1 | 86.2 | 100.7 | [17] |
| Prairie Creek below Brown | BB3 | 5.3 | 4.3 | 30.3 | 33.5 | 82.2 | 40.0 | 51 |
| Prairie Creek below Brown | BB2 | 8.6 | 6.7 | 43.2 | 50.0 | 62.9 | 58.2 | 7 |
| Prairie Creek below Brown | BB1 | 7.0 | 5.4 | 36.7 | 42.4 | 62.3 | 75.2 | [21] |
| Upper Brown Creek | UBR1 | | 5.7 | 29.1 | 38.4 | — | — | — |
| Upper Brown Creek | UBR2 | | 7.0 | 13.5 | 11.9 | — | — | — |
| Lower Brown Creek | LBR3 | | 6.3 | 18.9 | 32.5 | — | — | — |
| Lower Brown Creek | LBR4 | | 6.9 | 8.4 | 8.7 | — | — | — |

| WY92 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Prairie Creek above Brown | PUA | 1.46 | 1.34 | 39.7 | 65.3 | 110 | 62 | 44 |
| Prairie Creek above Brown | PUB | 1.39 | 1.22 | 34.5 | 51.4 | 112 | 68 | 39 |
| Prairie Creek above Brown | 13 | 1.56 | | | | | | |
| Prairie Creek above Brown | 14 | 0.60 | | | | | | |
| Prairie Creek above Brown | 15 | 3.66 | | | | | | |
| Prairie Creek above Brown | 16 | 3.69 | | | | | | |
| Prairie Creek above Brown | 17 | 2.93 | | | | | | |
| Prairie Creek below Brown | PLA | 2.32 | 1.67 | 33.8 | 41.3 | 127 | 85 | 33 |
| Prairie Creek below Brown | PLB | 2.18 | 1.58 | 36.7 | 52.1 | 133 | 35 | 74 |
| Prairie Creek below Brown | 11 | 1.40 | | | | | | |
| Prairie Creek below Brown | 12 | 2.21 | | | | | | |
| Prairie Creek below Big Tree | 8 | 0.91 | | | | | | |
| Prairie Creek below Big Tree | 9 | 1.47 | | | | | | |
| Prairie Creek below Big Tree | 10 | 2.28 | | | | | | |
| Prairie Creek above Boyes | 6 | 1.29 | | | | | | |
| Prairie Creek above Boyes | 7 | 2.07 | | | | | | |
| Prairie Creek below Boyes | 4 | 4.11 | | | | | | |
| Prairie Creek below Boyes | 5 | 3.5 | | | | | | |
| Prairie Creek below Godwood | 1 | 2.36 | | | | | | |
| Prairie Creek below Godwood | 2 | 1.02 | | | | | | |
| Prairie Creek below Godwood | 3 | 1.55 | | | | | | |
| Prairie Creek above May | PWA | 6.19 | 6.02 | 20.9 | 17.3 | 107 | 69 | 35 |
| Prairie Creek above May | PWB | 5.45 | 5.28 | 23.1 | 26.3 | 133 | 79 | 41 |
| Upper Brown Creek | UB1 | 7.32 | 5.13 | | | | | |
| Upper Brown Creek | UB2 | 7.37 | 6.65 | | | | | |
| Upper Brown Creek | UB3 | 9.87 | 7.70 | | | | | |
| Upper Brown Creek | UB4 | 8.00 | 6.18 | | | | | |
| Lower Brown Creek | LB1 | 7.53 | 6.57 | | | | | |
| Lower Brown Creek | LB2 | 7.66 | 6.61 | | | | | |
| Lower Brown Creek | LB3 | 6.16 | 5.09 | | | | | |
| Lower Brown Creek | LB4 | 9.04 | 7.92 | | | | | |
| Lower Brown Creek | LBA | 6.35 | 5.75 | 26.7 | 34.9 | 104 | 81 | 22 |
| Lower Brown Creek | LBB | 2.84 | 2.57 | 52.2 | 68.3 | 123 | 77 | 34 |
| WY93 | | | | | | | | |
| Prairie Creek above Brown | PUU | 2.27 | 1.17 | 34.0 | 40.6 | | | |
| Prairie Creek above Brown | PUL | 5.97 | 2.71 | 24.9 | 32.9 | | | |
| Prairie Creek above Brown | PUR | 2.06 | 1.13 | 25.6 | 30.6 | | | |
| Prairie Creek above Brown | PUD | 1.20 | 0.25 | 30.6 | 35.7 | | | |
| Prairie Creek below Brown | PLU | 16.67 | 11.80 | 16.0 | 34.5 | | | |
| Prairie Creek below Brown | PLL | 15.15 | 10.54 | 16.0 | 15.5 | | | |
| Prairie Creek below Brown | PLR | 25.48 | 19.29 | 10.4 | 31.4 | | | |
| Prairie Creek below Brown | PLD | 17.82 | 12.77 | 15.5 | 52.8 | | | |
| Prairie Creek below Boyes | HQU | 17.32 | 12.15 | 14.2 | 20.7 | | | |
| Prairie Creek below Boyes | HQL | 12.39 | 8.49 | 17.6 | 21.3 | | | |
| Prairie Creek below Boyes | HQR | 18.38 | 12.39 | 12.9 | 21.6 | | | |
| Prairie Creek above May | PWU | 21.07 | 13.67 | 9.5 | 14.1 | | | |
| Prairie Creek above May | PWL | 28.78 | 18.87 | 7.0 | 9.7 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Prairie Creek above May | PWR | 21.23 | 13.25 | 11.9 | 15.9 | | | |
| Prairie Creek above May | PWD | 18.18 | 11.97 | 11.6 | 18.6 | | | |
| Little Lost Man Creek | LM1 | 29.61 | 19.53 | 7.2 | 9.1 | | | |
| Little Lost Man Creek | LM2 | 14.16 | 8.22 | 18.2 | 29.4 | | | |
| Little Lost Man Creek | LM3 | 15.71 | 9.26 | 15.7 | 19.0 | | | |
| Little Lost Man Creek | LM4 | 27.02 | 18.16 | 9.2 | 12.7 | | | |
| Little Lost Man Creek | LM5 | 22.68 | 14.92 | 11.9 | 17.3 | | | |
| WY94 | | | | | | | | |
| Prairie Creek above Brown | PUD | 2.08 | 1.55 | | | | | |
| Prairie Creek above Brown | PUR | 1.90 | 1.30 | | | | | |
| Prairie Creek above Brown | PUL | 3.14 | 1.95 | | | | | |
| Lower Brown Creek | LBL | 8.07 | 5.41 | | | | | |
| Lower Brown Creek | LBD | 7.89 | 4.90 | | | | | |
| Lower Brown Creek | LBR | 12.69 | 8.51 | | | | | |
| Prairie Creek below Brown | PLR | 6.66 | 5.76 | | | | | |
| Prairie Creek below Brown | PLD | 2.77 | 2.23 | | | | | |
| Prairie Creek below Brown | PLL | 5.29 | 4.31 | | | | | |
| Prairie Creek above May | PWR | 5.38 | 3.50 | | | | | |
| Prairie Creek above May | PWL | 5.20 | 3.47 | | | | | |
| Prairie Creek above May | PWD | 6.55 | 4.33 | | | | | |
| Little Lost Man Creek | LLM1 | 12.43 | | | | | | |
| Little Lost Man Creek | LLM2 | 17.82 | | | | | | |
| Little Lost Man Creek | LLM3 | 19.02 | | | | | | |
| WY95 | | | | | | | | |
| Prairie Creek above Brown | PUR | 7.74 | | | 34.1 | | | |
| Prairie Creek above Brown | PUU | 7.51 | | | 46.7 | | | |
| Prairie Creek above Brown | PUL | 7.31 | | | 37.7 | | | |
| Prairie Creek below Brown | PLR | 10.74 | | | 66.1 | | | |
| Prairie Creek below Brown | PLU | 4.42 | | | 63.9 | | | |
| Prairie Creek below Brown | PLL | 4.38 | | | 59.2 | | | |
| Lower Brown Creek | LBR | 4.91 | | | 58.8 | | | |
| Lower Brown Creek | LBD | 4.20 | | | 64.6 | | | |
| Lower Brown Creek | LBL | 3.19 | | | 66.0 | | | |
| Prairie Creek above Boyes | ABR | 10.58 | | | 39.5 | | | |
| Prairie Creek above Boyes | ABD | 4.52 | | | 47.6 | | | |
| Prairie Creek above Boyes | ABL | 5.33 | | | 64.6 | | | |
| Prairie Creek below Boyes | HQR | 5.78 | | | 49.4 | | | |
| Prairie Creek below Boyes | HQD | 3.47 | | | 42.1 | | | |
| Prairie Creek below Boyes | HQL | 6.64 | | | 51.3 | | | |
| Lower Boyes Creek | BOR | 5.54 | | | 37.8 | | | |
| Lower Boyes Creek | BOU | 4.18 | | | 63.9 | | | |
| Lower Boyes Creek | BOL | 8.81 | | | 47.8 | | | |
| Prairie Creek above May | PWR | 4.49 | | | 32.1 | | | |
| Prairie Creek above May | PWU | 4.07 | | | 30.5 | | | |
| Prairie Creek above May | PWL | 5.87 | | | 28.5 | | | |
| Little Lost Man Creek | LLMR | 7.69 | | | 56.1 | | | |
| Little Lost Man Creek | LLMU | 5.96 | | | 64.2 | | | |
| Little Lost Man Creek | LLML | 4.42 | | | 44.8 | | | |

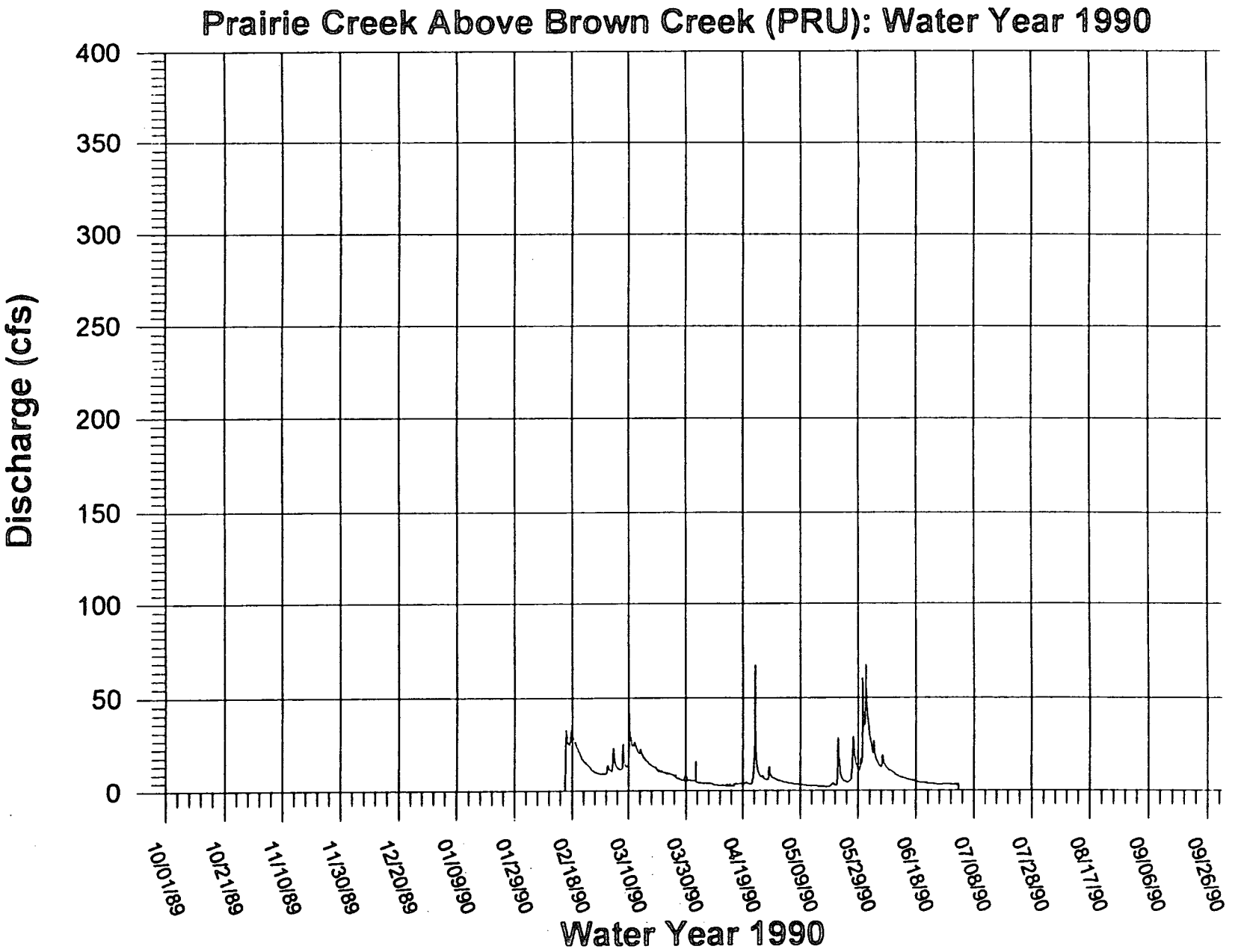
**Appendix B: Annual discharge data tables and hydrographs from Prairie Creek stream gages**

# Prairie Creek Above Brown Creek (PRU) WY90: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 9.11 | 5.34 | 5.37 | 37.02 | 3.26 | --- | --- |
| 2 | --- | --- | --- | --- | --- | 11.86 | 5.05 | 4.88 | 24.96 | 2.30 | --- | --- |
| 3 | --- | --- | --- | --- | --- | 10.86 | 4.21 | 4.40 | 22.06 | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | 17.74 | 4.04 | 4.16 | 16.19 | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | 13.67 | 3.97 | 3.94 | 13.12 | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | 11.78 | 3.95 | 3.65 | 16.04 | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | 13.72 | 3.93 | 3.31 | 13.12 | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | 15.76 | 3.53 | 3.22 | 11.23 | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | 13.52 | 2.98 | 3.09 | 10.37 | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | 30.06 | 2.77 | 2.88 | 9.18 | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | 24.97 | 2.89 | 2.67 | 8.02 | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | 24.40 | 2.75 | 2.66 | 7.23 | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | 20.61 | 2.73 | 2.59 | 6.80 | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | 20.59 | 2.72 | 2.57 | 6.20 | --- | --- | --- |
| 15 | --- | --- | --- | --- | 9.25 | 17.47 | 2.49 | 2.31 | 5.74 | --- | --- | --- |
| 16 | --- | --- | --- | --- | 26.55 | 15.64 | 3.69 | 2.31 | 5.47 | --- | --- | --- |
| 17 | --- | --- | --- | --- | 29.63 | 14.04 | 3.55 | 2.19 | 5.15 | --- | --- | --- |
| 18 | --- | --- | --- | --- | 28.42 | 12.99 | 3.74 | 2.17 | 4.66 | --- | --- | --- |
| 19 | --- | --- | --- | --- | 24.33 | 12.20 | 3.81 | 2.73 | 4.23 | --- | --- | --- |
| 20 | --- | --- | --- | --- | 20.76 | 10.68 | 4.11 | 3.60 | 4.33 | --- | --- | --- |
| 21 | --- | --- | --- | --- | 17.26 | 10.36 | 3.51 | 4.98 | 4.08 | --- | --- | --- |
| 22 | --- | --- | --- | --- | 15.39 | 9.78 | 7.43 | 16.72 | 3.74 | --- | --- | --- |
| 23 | --- | --- | --- | --- | 13.75 | 9.25 | 29.09 | 6.42 | 3.58 | --- | --- | --- |
| 24 | --- | --- | --- | --- | 11.96 | 9.07 | 9.70 | 4.92 | 3.36 | --- | --- | --- |
| 25 | --- | --- | --- | --- | 10.54 | 8.48 | 7.82 | 4.65 | 3.14 | --- | --- | --- |
| 26 | --- | --- | --- | --- | 9.82 | 7.38 | 6.31 | 6.94 | 3.27 | --- | --- | --- |
| 27 | --- | --- | --- | --- | 9.16 | 6.46 | 5.88 | 22.28 | 3.40 | --- | --- | --- |
| 28 | --- | --- | --- | --- | 9.17 | 5.82 | 9.60 | 13.96 | 3.49 | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | 5.87 | 6.74 | 11.70 | 3.30 | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | 5.69 | 5.88 | 29.66 | 3.18 | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | 5.49 | --- | 44.51 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | --- | --- | --- | --- | 236.00 | 405.32 | 164.18 | 231.41 | 265.66 | 5.56 | --- | --- |
| MEAN | --- | --- | --- | --- | 16.86 | 13.07 | 5.47 | 7.46 | 8.86 | 2.78 | --- | --- |
| MAX | --- | --- | --- | --- | 29.63 | 30.06 | 29.09 | 44.51 | 37.02 | 3.26 | --- | --- |
| MIN | --- | --- | --- | --- | 9.16 | 5.49 | 2.49 | 2.17 | 3.14 | 2.30 | --- | --- |
| PEAK | --- | --- | --- | --- | 33.22 | 41.78 | 67.14 | 67.03 | 47.41 | 3.48 | --- | --- |
| LOW | --- | --- | --- | --- | 9.14 | 5.38 | 2.31 | 2.16 | 3.06 | 2.95 | --- | --- |
| AC-FT | --- | --- | --- | --- | 468.10 | 803.94 | 325.65 | 459.00 | 526.93 | 11.02 | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 9.48 |
| PERIOD TOTAL MAX: | 44.51 |
| PERIOD TOTAL MIN: | 2.17 |
| PERIOD TOTAL AC-FT: | 2594.64 |
| PERIOD TOTAL PEAK: | 67.14 |
| PERIOD TOTAL LOW: | 2.16 |

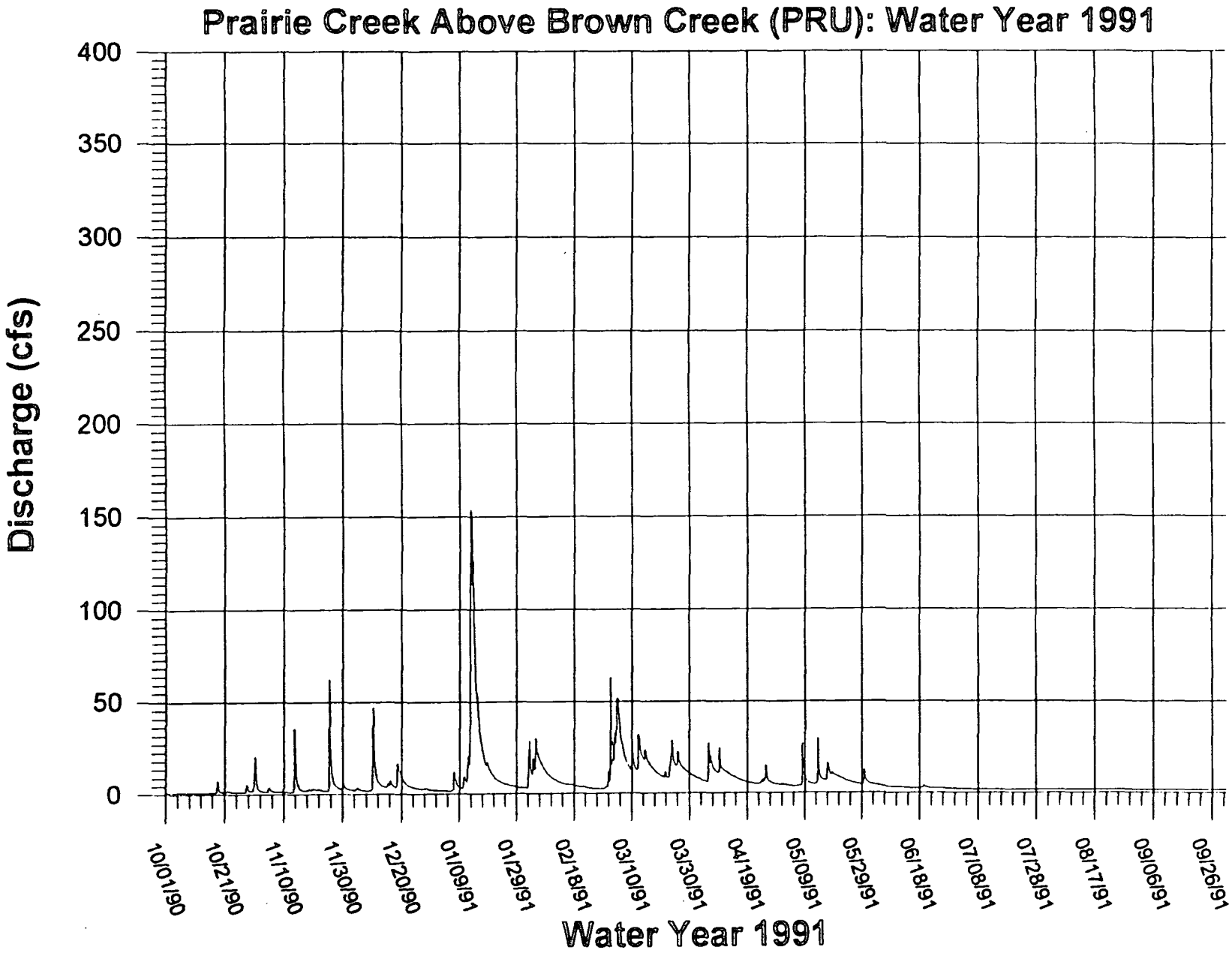

Prairie Creek Above Brown Creek (PRU): Water Year 1990
Discharge (cfs)
400
350
300
250
200
150
100
50
0
10/01/89
10/21/89
11/10/89
11/30/89
12/20/89
01/09/90
01/29/90
02/18/90
03/10/90
03/30/90
04/19/90
05/09/90
05/29/90
06/18/90
07/08/90
07/28/90
08/17/90
09/06/90
09/26/90
Water Year 1990

# Prairie Creek Above Brown Creek (PRU) WY91: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.95 | 2.70 | 2.82 | 1.85 | 3.94 | 5.32 | 8.29 | 4.73 | 4.75 | 2.08 | --- | --- |
| 2 | --- | 1.74 | 2.48 | 1.80 | 18.41 | 20.48 | 7.93 | 4.42 | 4.36 | 2.18 | --- | --- |
| 3 | --- | 1.45 | 2.25 | 1.68 | 13.82 | 20.90 | 6.86 | 3.96 | 4.12 | 1.92 | --- | --- |
| 4 | --- | 2.23 | 2.80 | 1.68 | 19.86 | 36.27 | 6.31 | 3.72 | 3.90 | 2.02 | --- | --- |
| 5 | --- | 2.65 | 2.64 | 1.54 | 20.56 | 41.26 | 15.70 | 3.72 | 3.67 | 1.89 | --- | --- |
| 6 | --- | 1.70 | 2.13 | 2.40 | 16.35 | 27.82 | 17.30 | 3.95 | 3.45 | 1.77 | --- | --- |
| 7 | --- | 1.49 | 1.93 | 8.00 | 13.31 | 20.33 | 12.99 | 4.82 | 3.24 | 1.75 | --- | --- |
| 8 | --- | 1.49 | 1.76 | 4.15 | 11.03 | 15.81 | 11.27 | 14.10 | 3.36 | 1.89 | --- | --- |
| 9 | --- | 1.51 | 2.04 | 3.16 | 9.25 | 14.15 | 16.63 | 6.74 | 3.18 | 1.86 | --- | --- |
| 10 | --- | 1.34 | 24.89 | 7.05 | 8.07 | 18.05 | 13.04 | 5.50 | 3.04 | 1.85 | --- | --- |
| 11 | --- | 1.19 | 9.05 | 9.27 | 7.13 | 13.01 | 11.77 | 5.02 | 3.02 | 1.86 | --- | --- |
| 12 | --- | 1.18 | 5.63 | 55.73 | 6.38 | 26.04 | 10.76 | 4.78 | 3.02 | 1.71 | --- | --- |
| 13 | --- | 14.26 | 4.21 | 124.13 | 5.82 | 20.38 | 9.57 | 12.15 | 2.83 | 1.71 | --- | --- |
| 14 | --- | 7.59 | 3.65 | 68.94 | 5.23 | 20.34 | 8.78 | 8.68 | 2.78 | 1.94 | --- | --- |
| 15 | 0.95 | 2.93 | 5.07 | 43.21 | 5.16 | 17.33 | 8.02 | 7.13 | 2.63 | 1.89 | --- | --- |
| 16 | 0.97 | 2.09 | 5.67 | 28.21 | 4.95 | 14.93 | 7.26 | 8.18 | 2.63 | --- | --- | --- |
| 17 | 0.90 | 1.97 | 3.81 | 20.88 | 4.59 | 12.90 | 6.65 | 13.39 | 2.56 | --- | --- | --- |
| 18 | 3.38 | 2.45 | 10.32 | 16.24 | 4.19 | 11.21 | 6.12 | 10.65 | 2.54 | --- | --- | --- |
| 19 | 1.85 | 2.50 | 11.37 | 13.13 | 3.96 | 10.14 | 5.81 | 9.93 | 3.52 | --- | --- | --- |
| 20 | 1.25 | 2.60 | 7.40 | 10.40 | 3.73 | 9.15 | 5.58 | 9.10 | 2.98 | --- | --- | --- |
| 21 | 1.35 | 2.42 | 5.40 | 8.43 | 3.50 | 9.90 | 5.21 | 8.29 | 2.63 | --- | --- | --- |
| 22 | 1.76 | 2.15 | 4.36 | 7.16 | 3.30 | 8.56 | 4.95 | 7.59 | 2.60 | --- | --- | --- |
| 23 | 1.33 | 1.88 | 3.64 | 6.26 | 3.08 | 17.52 | 5.46 | 6.72 | 2.47 | --- | --- | --- |
| 24 | 1.29 | 1.71 | 3.35 | 5.59 | 2.69 | 20.15 | 6.74 | 6.24 | 2.62 | --- | --- | --- |
| 25 | 1.14 | 23.45 | 2.96 | 5.06 | 2.69 | 15.96 | 9.79 | 5.71 | 2.55 | --- | --- | --- |
| 26 | 1.23 | 8.50 | 2.73 | 4.61 | 2.48 | 18.00 | 6.55 | 5.36 | 2.44 | --- | --- | --- |
| 27 | 1.30 | 4.41 | 2.70 | 4.12 | 2.53 | 14.32 | 5.50 | 4.96 | 2.40 | --- | --- | --- |
| 28 | 3.50 | 3.12 | 2.99 | 3.81 | 2.97 | 12.69 | 4.90 | 4.67 | 2.39 | --- | --- | --- |
| 29 | 1.87 | 3.25 | 2.41 | 3.40 | --- | 11.46 | 4.65 | 7.11 | 2.25 | --- | --- | --- |
| 30 | 4.13 | 4.07 | 2.19 | 3.36 | --- | 10.35 | 4.55 | 7.31 | 2.22 | --- | --- | 1.92 |
| 31 | 10.48 | --- | 2.02 | 3.16 | --- | 9.19 | --- | 5.32 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 39.63 | 112.02 | 146.67 | 478.41 | 209.00 | 523.92 | 254.93 | 213.94 | 90.15 | 28.33 | --- | 1.92 |
| MEAN | 2.20 | 3.73 | 4.73 | 15.43 | 7.46 | 16.90 | 8.50 | 6.90 | 3.00 | 1.89 | --- | 1.92 |
| MAX | 10.48 | 23.45 | 24.89 | 124.13 | 20.56 | 41.26 | 17.30 | 14.10 | 4.75 | 2.18 | --- | 1.92 |
| MIN | 0.90 | 1.18 | 1.76 | 1.54 | 2.48 | 5.32 | 4.55 | 3.72 | 2.22 | 1.71 | --- | 1.92 |
| PEAK | 20.92 | 62.10 | 46.91 | 153.44 | 30.70 | 63.01 | 27.65 | 29.95 | 5.02 | 2.26 | --- | 1.92 |
| LOW | 0.87 | 1.14 | 1.70 | 1.51 | 2.48 | 3.36 | 4.55 | 3.54 | 2.22 | 1.71 | --- | 1.92 |
| AC-FT | 78.60 | 222.20 | 290.92 | 948.92 | 414.54 | 1039.17 | 505.65 | 424.35 | 178.80 | 56.19 | --- | 3.81 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 7.60 |
| PERIOD TOTAL MAX: | 124.13 |
| PERIOD TOTAL MIN: | 0.90 |
| PERIOD TOTAL AC-FT: | 4163.14 |
| PERIOD TOTAL PEAK: | 153.44 |
| PERIOD TOTAL LOW: | 0.87 |

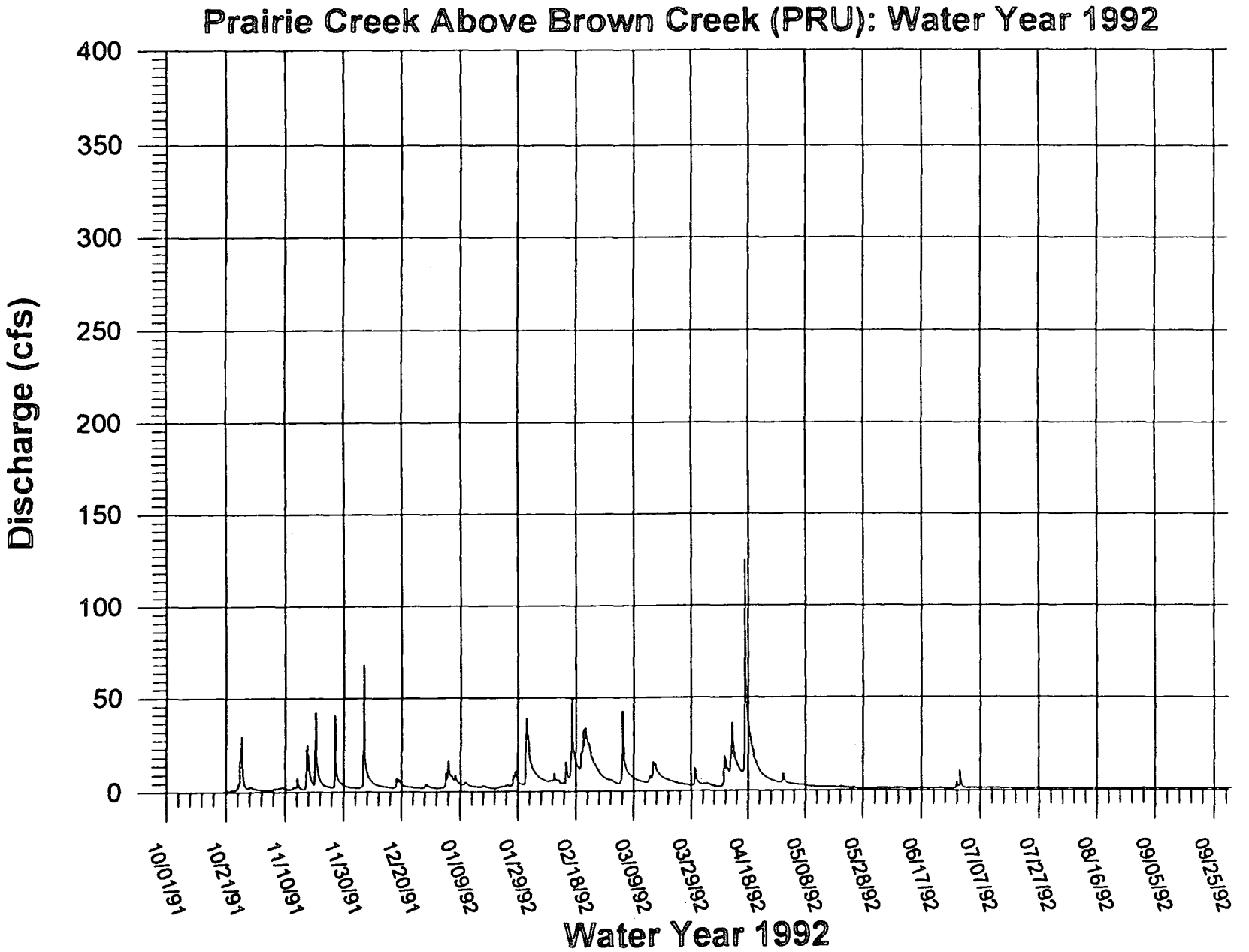

Prairie Creek Above Brown Creek (PRU): Water Year 1991
Discharge (cfs)
400
350
300
250
200
150
100
50
0
10/01/90
10/21/90
11/10/90
11/30/90
12/20/90
01/09/91
01/29/91
02/18/91
03/10/91
03/30/91
04/19/91
05/09/91
05/29/91
06/18/91
07/08/91
07/28/91
08/17/91
09/06/91
09/26/91
Water Year 1991

# Prairie Creek Above Brown Creek (PRU) WY92: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 1.24 | 2.63 | 1.74 | 26.32 | 5.51 | 3.48 | 4.08 | 1.10 | --- | --- | --- |
| 2 | --- | 1.10 | 2.43 | 2.02 | 14.66 | 4.63 | 3.56 | 3.51 | 1.00 | --- | --- | --- |
| 3 | --- | 1.06 | 2.25 | 2.54 | 10.74 | 4.00 | 3.55 | 3.27 | 1.16 | --- | --- | --- |
| 4 | --- | 0.97 | 2.07 | 9.17 | 8.60 | 7.35 | 3.16 | 3.15 | 1.03 | --- | --- | --- |
| 5 | --- | 1.17 | 2.27 | 9.67 | 7.12 | 22.80 | 2.72 | 2.95 | 0.83 | --- | --- | --- |
| 6 | --- | 1.63 | 21.43 | 6.73 | 6.18 | 11.54 | 2.23 | 2.76 | 1.12 | --- | --- | --- |
| 7 | --- | 1.90 | 14.85 | 6.87 | 5.44 | 8.89 | 2.13 | 2.69 | 1.21 | --- | --- | --- |
| 8 | --- | 2.43 | 7.68 | 4.32 | 5.40 | 7.56 | 2.35 | 2.52 | 1.14 | --- | --- | --- |
| 9 | --- | 2.12 | 5.47 | 3.70 | 5.32 | 6.39 | 9.93 | 2.19 | 1.20 | --- | --- | --- |
| 10 | --- | 1.55 | 4.34 | 4.26 | 6.91 | 5.63 | 12.59 | 2.24 | 1.19 | --- | --- | --- |
| 11 | --- | 1.34 | 3.57 | 3.80 | 5.47 | 5.30 | 11.89 | 2.07 | 1.14 | --- | --- | --- |
| 12 | --- | 1.92 | 3.10 | 3.14 | 4.49 | 4.79 | 26.34 | 1.92 | 0.88 | --- | --- | --- |
| 13 | --- | 2.57 | 2.86 | 2.78 | 4.39 | 4.51 | 16.87 | 1.93 | 0.96 | --- | --- | --- |
| 14 | --- | 3.96 | 2.66 | 2.59 | 9.39 | 6.71 | 12.86 | 1.84 | 0.96 | --- | --- | --- |
| 15 | --- | 1.65 | 2.29 | 2.40 | 7.84 | 9.84 | 10.13 | 1.78 | 1.01 | --- | --- | --- |
| 16 | --- | 1.98 | 2.26 | 2.72 | 26.06 | 13.15 | 33.65 | 1.76 | 1.12 | --- | --- | --- |
| 17 | --- | 15.49 | 2.29 | 2.71 | 19.38 | 9.39 | 47.79 | 1.74 | 1.14 | --- | --- | --- |
| 18 | --- | 8.67 | 5.83 | 2.18 | 14.05 | 7.63 | 30.24 | 1.62 | 1.10 | --- | --- | --- |
| 19 | --- | 4.49 | 5.06 | 1.88 | 12.84 | 6.51 | 21.46 | 1.45 | 1.05 | --- | --- | --- |
| 20 | --- | 23.61 | 3.40 | 1.71 | 24.94 | 6.00 | 15.86 | 1.71 | 1.18 | --- | --- | --- |
| 21 | 0.21 | 7.79 | 2.89 | 1.61 | 29.26 | 5.39 | 12.13 | 1.52 | 1.14 | --- | --- | --- |
| 22 | 0.66 | 4.64 | 2.53 | 2.09 | 23.88 | 5.07 | 9.56 | 1.39 | 1.12 | --- | --- | --- |
| 23 | 1.06 | 3.41 | 2.30 | 2.46 | 18.09 | 4.39 | 8.09 | 1.27 | 1.15 | --- | --- | --- |
| 24 | 1.51 | 2.88 | 2.28 | 2.65 | 14.15 | 3.86 | 6.92 | 1.09 | 1.19 | --- | --- | --- |
| 25 | 7.48 | 2.66 | 2.12 | 3.17 | 11.38 | 3.67 | 6.00 | 1.26 | 1.06 | --- | --- | --- |
| 26 | 16.98 | 7.54 | 2.13 | 3.02 | 9.00 | 3.40 | 5.33 | 0.93 | 1.06 | --- | --- | --- |
| 27 | 3.09 | 12.89 | 2.30 | 6.36 | 7.47 | 3.19 | 4.83 | 0.80 | 1.06 | --- | --- | --- |
| 28 | 2.05 | 5.33 | 3.63 | 8.13 | 6.46 | 2.84 | 4.37 | 0.78 | 1.82 | --- | --- | --- |
| 29 | 2.66 | 3.89 | 2.63 | 4.58 | 5.96 | 2.75 | 4.59 | 0.72 | 2.50 | --- | --- | --- |
| 30 | 1.67 | 2.95 | 2.12 | 3.96 | --- | 7.84 | 6.38 | 0.90 | 3.63 | --- | --- | --- |
| 31 | 1.28 | --- | 1.91 | 16.08 | --- | 4.38 | --- | 0.98 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 38.64 | 134.82 | 125.56 | 131.05 | 351.20 | 204.92 | 340.99 | 58.84 | 37.24 | --- | --- | --- |
| MEAN | 3.51 | 4.49 | 4.05 | 4.23 | 12.11 | 6.61 | 11.37 | 1.90 | 1.24 | --- | --- | --- |
| MAX | 16.98 | 23.61 | 21.43 | 16.08 | 29.26 | 22.80 | 47.79 | 4.08 | 3.63 | --- | --- | --- |
| MIN | 0.21 | 0.97 | 1.91 | 1.61 | 4.39 | 2.75 | 2.13 | 0.72 | 0.83 | --- | --- | --- |
| PEAK | 29.60 | 42.24 | 68.31 | 39.14 | 50.23 | 42.68 | 124.57 | 4.61 | 10.60 | --- | --- | --- |
| LOW | 0.20 | 0.93 | 1.91 | 1.61 | 3.81 | 2.75 | 1.96 | 0.09 | 0.07 | --- | --- | --- |
| AC-FT | 76.65 | 267.42 | 249.05 | 259.93 | 696.60 | 406.45 | 676.35 | 116.71 | 73.86 | --- | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 5.60 |
| PERIOD TOTAL MAX: | 47.79 |
| PERIOD TOTAL MIN: | 0.21 |
| PERIOD TOTAL AC-FT: | 2823.01 |
| PERIOD TOTAL PEAK: | 124.57 |
| PERIOD TOTAL LOW: | 0.07 |


Prairie Creek Above Brown Creek (PRU): Water Year 1992
Discharge (cfs)
400
350
300
250
200
150
100
50
0
10/01/91
10/21/91
11/10/91
11/30/91
12/20/91
01/09/92
01/29/92
02/18/92
03/09/92
03/29/92
04/18/92
05/08/92
05/28/92
06/17/92
07/07/92
07/27/92
08/16/92
09/05/92
09/25/92
Water Year 1992

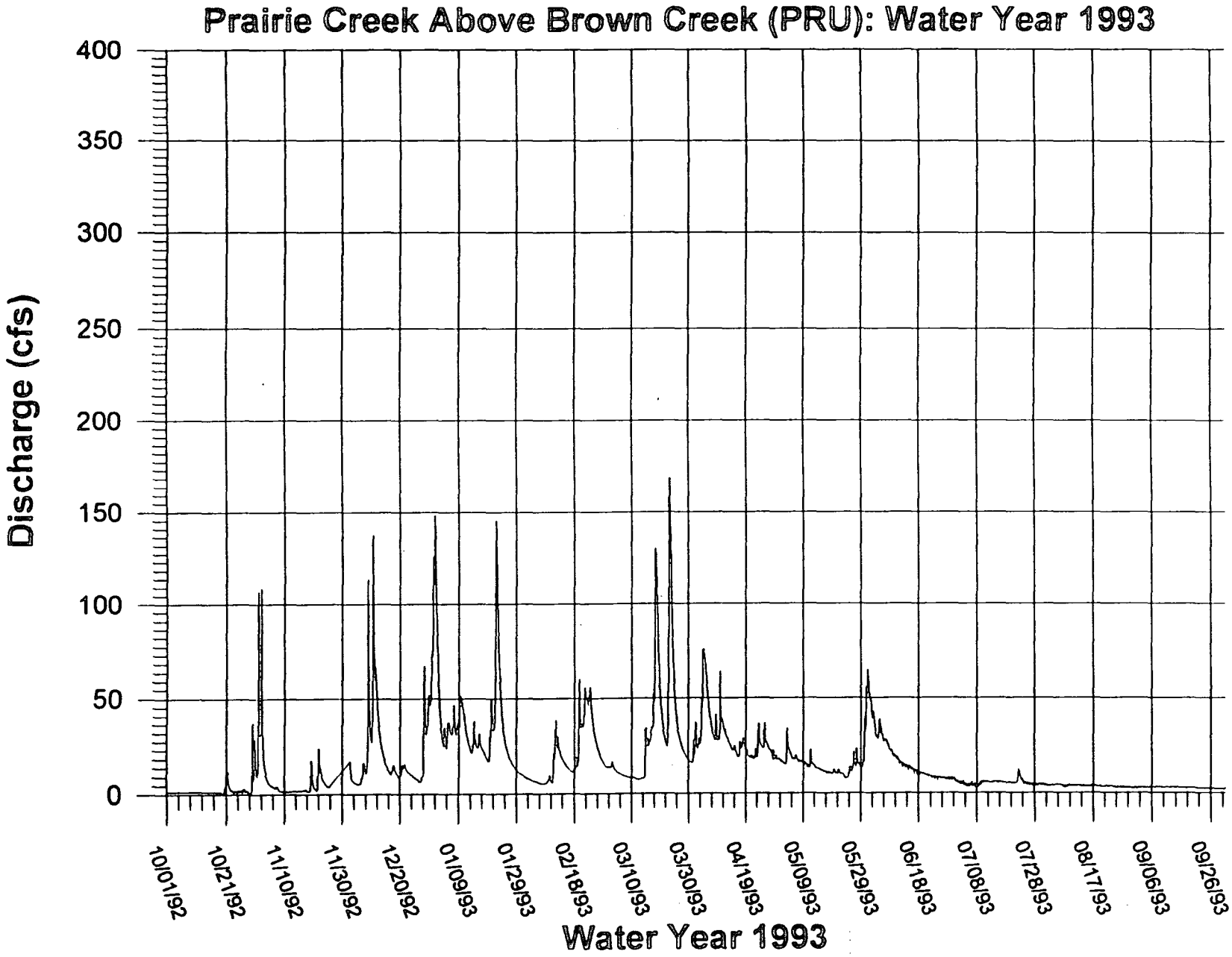
# Prairie Creek Above Brown Creek (PRU) WY93: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.20 | 51.35 | --- | 97.32 | 8.03 | 13.69 | 27.15 | 16.25 | 45.54 | 5.54 | 3.90 | 2.66 |
| 2 | --- | 36.90 | 14.31 | 45.43 | 7.40 | 13.82 | 25.14 | 15.15 | 38.59 | 5.16 | 3.63 | 2.80 |
| 3 | --- | 10.23 | 6.89 | 27.74 | 6.74 | 14.29 | 40.14 | 24.48 | 29.53 | 5.04 | 3.90 | 2.73 |
| 4 | --- | 5.69 | 5.49 | 27.22 | 6.22 | 11.55 | 70.76 | 20.74 | 32.85 | 3.95 | 4.30 | 2.70 |
| 5 | --- | 4.30 | 4.93 | 34.32 | 5.71 | 10.36 | 54.05 | 17.86 | 30.10 | 4.01 | 4.12 | 2.92 |
| 6 | --- | 3.53 | 7.24 | 31.99 | 5.24 | 9.69 | 38.55 | 18.45 | 27.69 | 4.34 | 3.66 | 2.93 |
| 7 | --- | 3.39 | 13.47 | 36.88 | 5.24 | 8.85 | 30.34 | 16.32 | 24.86 | 3.80 | 3.29 | 3.03 |
| 8 | --- | 1.74 | 37.20 | 34.21 | 5.91 | 8.43 | 31.15 | 15.98 | 21.78 | 3.88 | 3.59 | 3.03 |
| 9 | --- | 1.57 | 34.11 | 45.53 | 7.94 | 8.14 | 32.68 | 15.02 | 19.49 | 5.09 | 3.75 | 2.75 |
| 10 | --- | 1.49 | 78.60 | 43.76 | 10.16 | 8.24 | 38.20 | 14.04 | 18.19 | 5.73 | 3.75 | 2.84 |
| 11 | --- | 1.31 | 58.55 | 32.96 | 26.91 | 7.45 | 33.05 | 16.10 | 15.92 | 5.64 | 3.82 | 2.78 |
| 12 | --- | 1.58 | 36.74 | 25.64 | 25.20 | 7.04 | 28.56 | 14.51 | 14.80 | 5.24 | 3.77 | 2.81 |
| 13 | --- | 1.74 | 24.60 | 22.40 | 19.29 | 7.66 | 24.82 | 12.96 | 13.99 | 5.42 | 3.56 | --- |
| 14 | 1.20 | 1.69 | 17.53 | 29.67 | 16.00 | 15.13 | 22.55 | 12.59 | 13.44 | 5.60 | 3.40 | --- |
| 15 | 1.09 | 1.81 | 13.02 | 24.36 | 13.77 | 26.29 | 21.94 | 11.79 | 12.76 | 5.38 | 3.48 | --- |
| 16 | 1.13 | 1.90 | 10.62 | 26.72 | 11.90 | 28.70 | 20.03 | 11.19 | 11.77 | 5.43 | 3.59 | --- |
| 17 | 1.04 | 2.05 | 13.26 | 22.06 | 11.48 | 43.34 | 24.94 | 10.62 | 10.91 | 5.17 | 3.66 | --- |
| 18 | 0.94 | 1.58 | 10.93 | 18.74 | 14.64 | 113.56 | 25.73 | 10.36 | 10.40 | 5.18 | 3.12 | --- |
| 19 | 0.79 | 9.25 | 8.99 | 19.27 | 30.60 | 68.24 | 21.20 | 10.97 | 10.19 | 5.20 | 3.40 | --- |
| 20 | 2.09 | 3.32 | 11.76 | 37.05 | 35.82 | 40.82 | 18.66 | 10.28 | 9.53 | 5.01 | 3.14 | --- |
| 21 | 8.20 | 7.22 | 14.15 | 59.95 | 45.67 | 29.63 | 18.35 | 10.99 | 8.83 | 4.92 | 3.46 | --- |
| 22 | 2.66 | 13.20 | 11.57 | 103.79 | 48.54 | 30.88 | 19.69 | 9.92 | 8.43 | 9.47 | 3.25 | --- |
| 23 | 1.49 | 7.20 | 10.08 | 52.12 | 49.04 | 137.63 | 27.45 | 8.32 | 7.99 | 7.06 | 3.50 | --- |
| 24 | 1.22 | 4.67 | 9.03 | 32.53 | 35.25 | 80.91 | 24.84 | 8.65 | 7.64 | 5.18 | 2.94 | --- |
| 25 | 1.81 | 3.34 | 7.96 | 24.04 | 27.13 | 44.87 | 27.14 | 12.00 | 7.59 | 4.84 | 2.90 | --- |
| 26 | 1.84 | --- | 6.51 | 18.79 | 21.45 | 31.68 | 25.40 | 15.68 | 7.60 | 4.35 | 2.83 | --- |
| 27 | 2.07 | --- | 8.78 | 15.37 | 17.30 | 25.24 | 22.48 | 16.47 | 7.15 | 4.34 | 2.85 | --- |
| 28 | 1.06 | --- | 40.42 | 12.95 | 14.65 | 20.90 | 20.36 | 14.62 | 7.31 | 4.21 | 2.87 | --- |
| 29 | 4.45 | --- | 41.58 | 11.33 | --- | 18.05 | 18.13 | 14.08 | 7.50 | 4.25 | 2.86 | --- |
| 30 | 17.75 | --- | 56.33 | 10.07 | --- | 16.26 | 17.75 | 33.16 | 6.79 | 4.29 | 2.48 | 2.11 |
| 31 | 23.05 | --- | 111.19 | 8.94 | --- | 18.40 | --- | 56.10 | --- | 4.13 | 2.70 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 75.09 | 182.05 | 725.88 | 1033.16 | 533.24 | 919.75 | 851.21 | 495.68 | 489.17 | 156.81 | 105.47 | 36.08 |
| MEAN | 3.95 | 7.28 | 24.20 | 33.33 | 19.04 | 29.67 | 28.37 | 15.99 | 16.31 | 5.06 | 3.40 | 2.78 |
| MAX | 23.05 | 51.35 | 111.19 | 103.79 | 49.04 | 137.63 | 70.76 | 56.10 | 45.54 | 9.47 | 4.30 | 3.03 |
| MIN | 0.79 | 1.31 | 4.93 | 8.94 | 5.24 | 7.04 | 17.75 | 8.32 | 6.79 | 3.80 | 2.48 | 2.11 |
| PEAK | 106.98 | 108.51 | 148.18 | 145.54 | 59.83 | 168.53 | 75.80 | 64.88 | 52.21 | 12.19 | 4.44 | 3.34 |
| LOW | 0.16 | 1.10 | 4.93 | 8.59 | 5.17 | 7.04 | 17.29 | 7.68 | 5.67 | 2.54 | 2.43 | 1.92 |
| AC-FT | 148.93 | 361.09 | 1439.75 | 2049.23 | 1057.67 | 1824.31 | 1688.36 | 983.17 | 970.26 | 311.03 | 209.20 | 71.56 |

PERIOD TOTAL MEAN: 16.98
PERIOD TOTAL MAX: 137.63
PERIOD TOTAL MIN: 0.79
PERIOD TOTAL AC-FT: 11114.55

PERIOD TOTAL PEAK: 168.53
PERIOD TOTAL LOW: 0.16


Prairie Creek Above Brown Creek (PRU): Water Year 1993
Discharge (cfs)
400
350
300
250
200
150
100
50
0
10/01/92
10/21/92
11/10/92
11/30/92
12/20/92
01/09/93
01/29/93
02/18/93
03/10/93
03/30/93
04/19/93
05/09/93
05/29/93
06/18/93
07/08/93
07/28/93
08/17/93
09/06/93
09/26/93
Water Year 1993

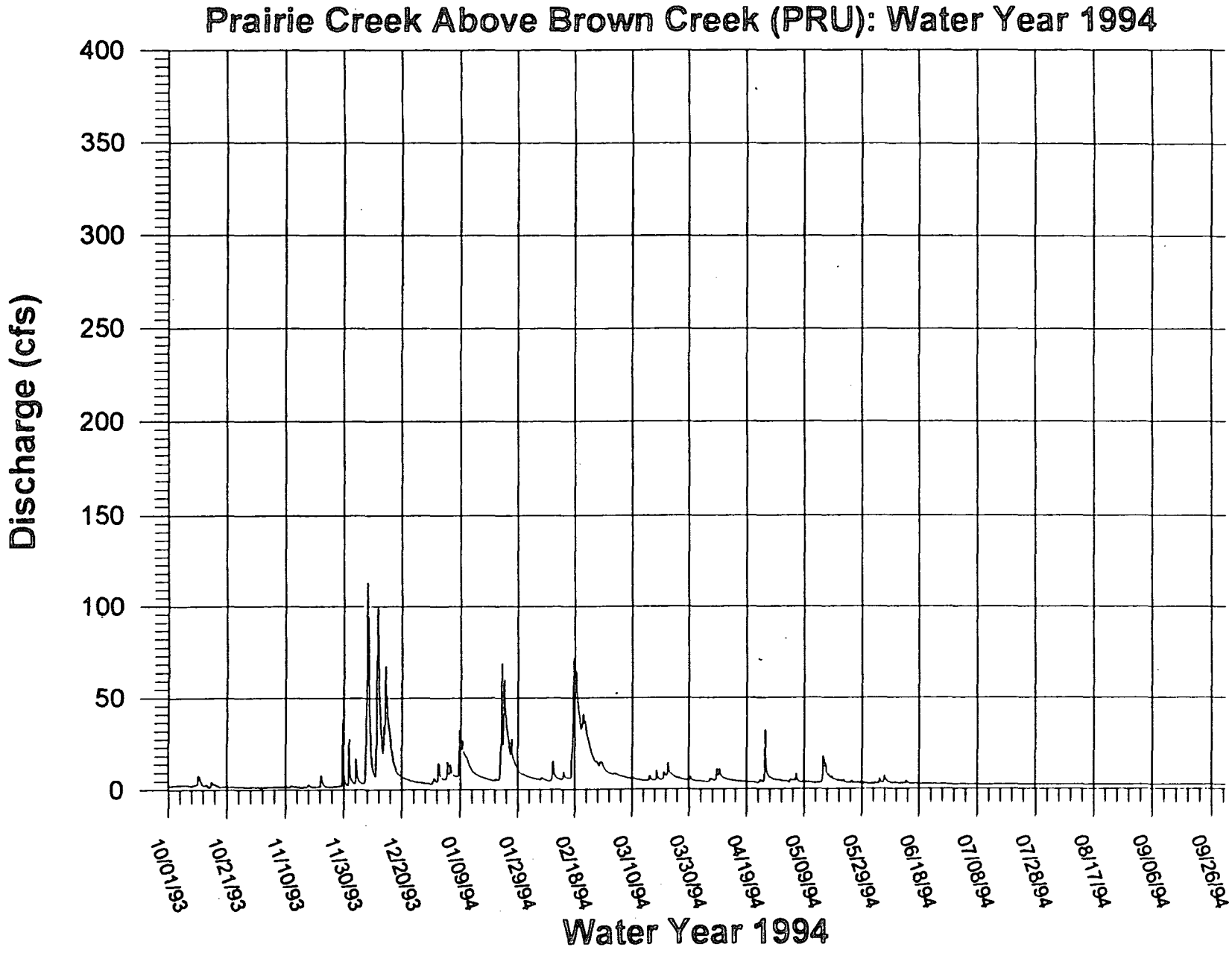
# Prairie Creek Above Brown Creek (PRU) WY94: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.10 | 1.14 | 10.52 | 9.82 | 6.88 | 9.19 | 4.51 | 4.24 | 2.86 | 2.46 | --- | --- |
| 2 | 2.11 | 1.33 | 5.89 | 6.33 | 6.49 | 8.51 | 4.46 | 4.02 | 2.90 | 2.56 | --- | --- |
| 3 | 2.32 | 1.42 | 3.88 | 5.28 | 5.91 | 8.37 | 4.09 | 3.62 | 2.82 | 2.52 | --- | --- |
| 4 | 2.21 | 1.37 | 9.66 | 9.11 | 5.45 | 8.22 | 3.95 | 4.79 | 4.12 | 2.53 | --- | --- |
| 5 | 2.43 | 1.44 | 4.13 | 10.00 | 5.37 | 7.49 | 3.81 | 4.76 | 3.99 | 2.43 | --- | --- |
| 6 | 2.54 | 1.44 | 3.15 | 7.88 | 5.81 | 6.97 | 5.20 | 5.55 | 4.78 | 2.45 | --- | --- |
| 7 | 2.35 | 1.45 | 33.15 | 7.11 | 5.35 | 6.43 | 4.70 | 3.66 | 3.50 | 2.54 | --- | --- |
| 8 | 2.03 | 1.45 | 65.36 | 16.28 | 4.70 | 6.01 | 7.05 | 3.76 | 3.00 | 2.48 | --- | --- |
| 9 | 2.23 | 1.40 | 16.78 | 24.15 | 4.87 | 5.78 | 8.44 | 3.61 | 3.10 | 2.33 | --- | --- |
| 10 | 2.54 | 1.50 | 7.95 | 19.10 | 10.26 | 5.91 | 6.35 | 3.68 | 3.00 | 2.33 | --- | --- |
| 11 | 6.17 | 1.70 | 67.72 | 15.98 | 6.55 | 5.33 | 5.52 | 3.38 | 2.94 | 2.22 | --- | --- |
| 12 | 3.31 | 1.74 | 37.99 | 11.68 | 5.60 | 5.08 | 4.97 | 3.27 | 2.80 | 2.27 | --- | --- |
| 13 | 2.44 | 1.49 | 25.28 | 9.27 | 5.85 | 4.85 | 4.68 | 3.25 | 3.53 | 2.24 | --- | --- |
| 14 | 2.03 | 1.39 | 49.07 | 8.14 | 7.41 | 4.72 | 4.45 | 3.22 | 2.88 | --- | --- | --- |
| 15 | 2.30 | 1.37 | 32.89 | 7.22 | 6.08 | 4.79 | 4.23 | 9.25 | 2.74 | --- | --- | --- |
| 16 | 3.23 | 1.55 | 20.93 | 6.47 | 7.09 | 5.86 | 4.18 | 12.38 | 2.85 | --- | --- | --- |
| 17 | 2.25 | 1.97 | 13.06 | 5.94 | 45.52 | 4.64 | 4.02 | 7.34 | 2.66 | --- | --- | --- |
| 18 | 1.48 | 2.07 | 8.78 | 5.44 | 56.95 | 6.40 | 3.86 | 6.19 | 2.64 | --- | --- | --- |
| 19 | 1.65 | 1.56 | 7.45 | 5.03 | 40.50 | 5.56 | 3.81 | 5.11 | 2.72 | --- | --- | --- |
| 20 | 1.71 | 1.52 | 6.48 | 4.74 | 35.54 | 5.09 | 3.65 | 4.70 | 2.77 | --- | --- | --- |
| 21 | 1.67 | 1.65 | 5.59 | 5.30 | 35.75 | 7.99 | 3.55 | 4.42 | 2.66 | --- | --- | --- |
| 22 | 1.61 | 5.10 | 4.99 | 6.94 | 27.60 | 9.80 | 3.45 | 4.25 | 2.66 | --- | --- | --- |
| 23 | 1.63 | 2.16 | 4.68 | 37.87 | 21.88 | 8.56 | 4.05 | 3.38 | 2.77 | --- | --- | --- |
| 24 | 1.61 | 1.63 | 4.26 | 46.80 | 17.19 | 7.25 | 3.86 | 3.39 | 2.45 | --- | --- | --- |
| 25 | 1.64 | 1.43 | 4.03 | 27.90 | 15.05 | 6.38 | 15.16 | 3.68 | 2.58 | --- | --- | --- |
| 26 | 1.49 | 1.54 | 3.81 | 21.57 | 13.27 | 5.81 | 7.37 | 3.31 | 2.48 | --- | --- | --- |
| 27 | 1.39 | 1.62 | 3.60 | 16.44 | 14.21 | 5.27 | 5.75 | 3.43 | 2.66 | --- | --- | --- |
| 28 | 1.33 | 1.76 | 3.40 | 12.12 | 10.76 | 4.96 | 5.04 | 3.21 | 2.35 | --- | --- | --- |
| 29 | 1.52 | 13.51 | 3.19 | 9.34 | --- | 4.91 | 4.77 | 3.01 | 2.24 | --- | --- | --- |
| 30 | 1.29 | 3.80 | 4.29 | 8.42 | --- | 5.56 | 4.58 | 2.94 | 2.23 | --- | --- | 2.25 |
| 31 | 1.33 | --- | 4.71 | 7.61 | --- | 4.78 | --- | 2.65 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 65.93 | 64.51 | 476.68 | 395.29 | 433.88 | 196.47 | 153.50 | 137.44 | 87.67 | 31.36 | --- | 2.25 |
| MEAN | 2.13 | 2.15 | 15.38 | 12.75 | 15.50 | 6.34 | 5.12 | 4.43 | 2.92 | 2.41 | --- | 2.25 |
| MAX | 6.17 | 13.51 | 67.72 | 46.80 | 56.95 | 9.80 | 15.16 | 12.38 | 4.78 | 2.56 | --- | 2.25 |
| MIN | 1.29 | 1.14 | 3.15 | 4.74 | 4.70 | 4.64 | 3.45 | 2.65 | 2.23 | 2.22 | --- | 2.25 |
| PEAK | 7.59 | 38.37 | 113.36 | 68.60 | 71.25 | 14.02 | 32.32 | 18.17 | 7.00 | 2.80 | --- | 2.25 |
| LOW | 1.09 | 0.93 | 2.18 | 3.92 | 4.41 | 4.57 | 3.24 | 2.43 | 2.02 | 2.07 | --- | 2.25 |
| AC-FT | 130.77 | 127.95 | 945.48 | 784.05 | 860.59 | 389.70 | 304.47 | 272.61 | 173.89 | 62.20 | --- | 4.46 |

PERIOD TOTAL MEAN: 7.13
PERIOD TOTAL MAX: 67.72
PERIOD TOTAL MIN: 1.14
PERIOD TOTAL AC-FT: 4056.16

PERIOD TOTAL PEAK: 113.36
PERIOD TOTAL LOW: 0.93

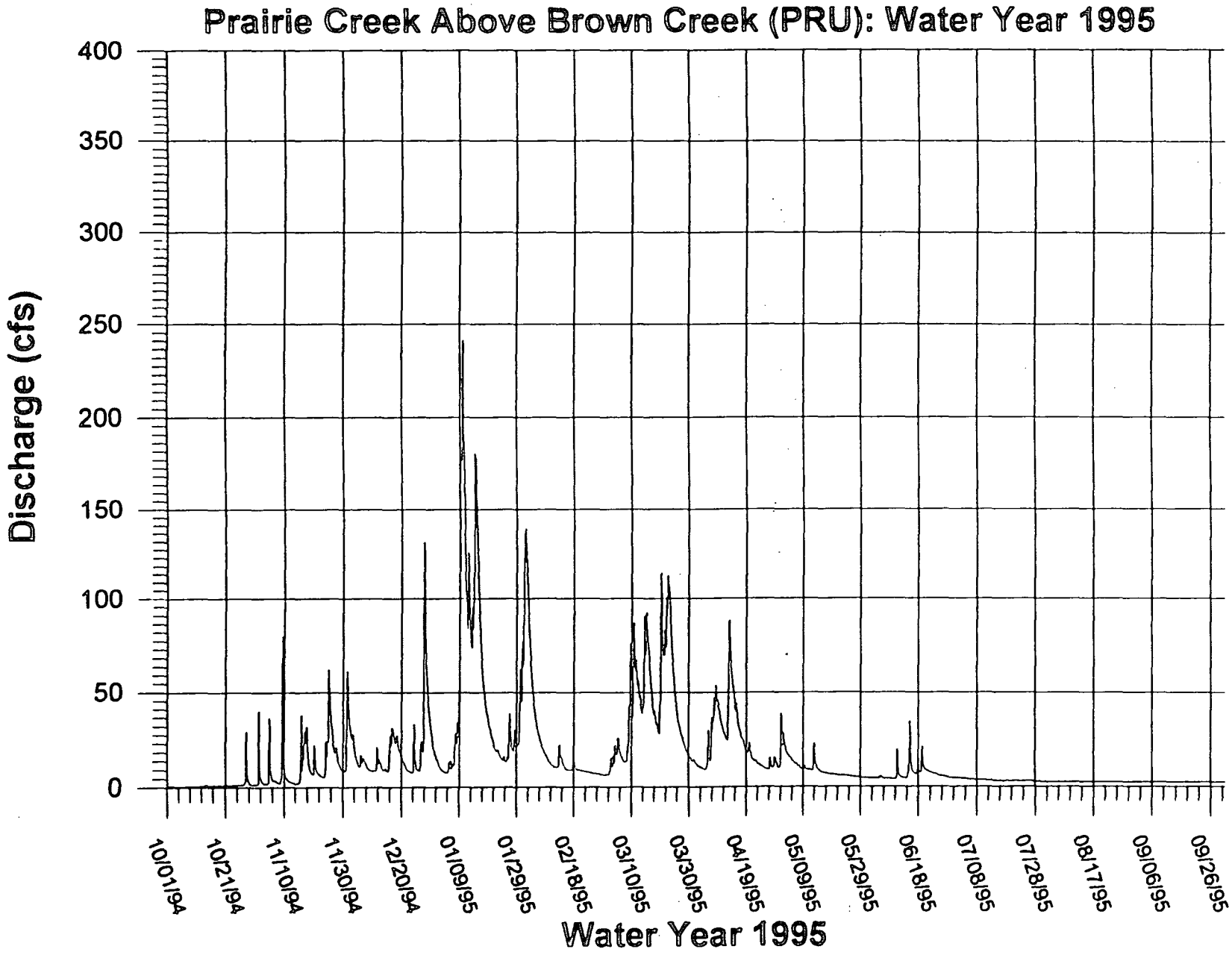

Prairie Creek Above Brown Creek (PRU): Water Year 1994
Discharge (cfs)
400
350
300
250
200
150
100
50
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1994

# Prairie Creek Above Brown Creek (PRU) WY95: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.76 | 11.69 | 41.99 | 13.09 | 114.99 | 6.15 | 12.24 | 27.39 | 4.52 | 4.40 | 2.43 | --- |
| 2 | 0.63 | 2.77 | 28.33 | 9.55 | 74.97 | 9.34 | 10.48 | 21.11 | 4.52 | 4.18 | --- | --- |
| 3 | 0.47 | 1.76 | 23.73 | 8.17 | 50.08 | 13.18 | 9.89 | 16.76 | 4.41 | 4.25 | --- | --- |
| 4 | 0.36 | 9.80 | 14.67 | 7.40 | 35.84 | 18.01 | 9.12 | 14.75 | 4.54 | 4.09 | --- | --- |
| 5 | 0.37 | 8.14 | 10.99 | 10.08 | 27.23 | 21.03 | 15.87 | 12.99 | 4.62 | 3.76 | --- | --- |
| 6 | 0.31 | 3.36 | 14.30 | 11.07 | 22.22 | 15.72 | 18.58 | 11.74 | 4.24 | 3.70 | --- | --- |
| 7 | 0.38 | 2.52 | 13.09 | 19.05 | 18.51 | 13.01 | 36.87 | 10.50 | 4.24 | 3.40 | --- | --- |
| 8 | 0.43 | 2.70 | 9.70 | 30.25 | 15.47 | 17.50 | 47.29 | 9.03 | 4.01 | 3.50 | --- | --- |
| 9 | 0.42 | 28.59 | 8.43 | 175.66 | 12.49 | 48.55 | 40.52 | 9.67 | 3.92 | 3.44 | --- | --- |
| 10 | 0.44 | 5.58 | 8.43 | 191.48 | 10.76 | 56.78 | 32.27 | 8.68 | 8.18 | 3.30 | --- | --- |
| 11 | 0.37 | 3.37 | 11.75 | 97.41 | 10.04 | 62.08 | 26.71 | 8.72 | 5.68 | 3.20 | --- | --- |
| 12 | 0.53 | 2.51 | 12.97 | 96.58 | 12.65 | 50.26 | 35.27 | 11.94 | 4.45 | 3.00 | --- | --- |
| 13 | 0.62 | 1.89 | 9.47 | 83.42 | 16.41 | 40.83 | 72.31 | 12.17 | 4.35 | 3.09 | --- | --- |
| 14 | 1.21 | 2.01 | 9.00 | 153.47 | 11.33 | 69.50 | 50.74 | 8.63 | 10.60 | 3.10 | --- | --- |
| 15 | 0.84 | 10.28 | 10.98 | 118.92 | 9.13 | 80.58 | 40.34 | 7.40 | 13.91 | 2.81 | --- | --- |
| 16 | 0.79 | 18.17 | 26.44 | 75.36 | 8.92 | 58.26 | 30.46 | 7.01 | 6.99 | 2.88 | --- | --- |
| 17 | 0.83 | 26.62 | 24.91 | 51.33 | 9.39 | 41.46 | 24.88 | 6.75 | 7.14 | 2.66 | --- | --- |
| 18 | 0.98 | 11.43 | 24.26 | 39.59 | 11.09 | 34.79 | 20.46 | 6.51 | 7.59 | 3.00 | --- | --- |
| 19 | 0.96 | 6.66 | 17.92 | 31.17 | 8.87 | 31.39 | 18.17 | 6.37 | 12.80 | 2.81 | --- | --- |
| 20 | 0.97 | 12.71 | 13.62 | 24.58 | 8.36 | 79.37 | 18.63 | 6.01 | 8.79 | 2.76 | --- | --- |
| 21 | 1.09 | 7.24 | 10.12 | 19.63 | 8.05 | 74.70 | 14.15 | 5.78 | 7.83 | 3.00 | --- | --- |
| 22 | 0.97 | 5.66 | 8.32 | 18.82 | 7.79 | 100.58 | 13.37 | 5.78 | 7.07 | 2.81 | --- | --- |
| 23 | 0.97 | 5.53 | 7.46 | 15.25 | 7.36 | 92.05 | 11.62 | 5.60 | 6.62 | 2.85 | --- | --- |
| 24 | 1.01 | 23.64 | 17.50 | 14.38 | 7.33 | 62.69 | 10.65 | 5.45 | 5.93 | 2.81 | --- | --- |
| 25 | 1.14 | 43.72 | 8.99 | 13.70 | 6.76 | 44.11 | 9.48 | 5.13 | 5.53 | 3.00 | --- | --- |
| 26 | 1.29 | 24.77 | 14.17 | 25.93 | 6.36 | 33.18 | 8.90 | 5.08 | 5.30 | 2.81 | --- | --- |
| 27 | 5.42 | 18.56 | 54.53 | 19.88 | 6.52 | 26.37 | 11.34 | 4.90 | 4.85 | 2.62 | --- | --- |
| 28 | 5.79 | 12.11 | 66.31 | 23.77 | 6.27 | 21.44 | 10.87 | 4.85 | 4.62 | 2.71 | --- | --- |
| 29 | 1.44 | 9.01 | 38.69 | 23.52 | --- | 17.79 | 12.50 | 4.68 | 4.57 | 2.69 | --- | --- |
| 30 | 1.37 | 8.38 | 24.84 | 53.63 | --- | 15.20 | 10.17 | 4.74 | 4.46 | 2.51 | --- | 2.39 |
| 31 | 1.51 | --- | 17.37 | 102.82 | --- | 13.76 | --- | 4.46 | --- | 2.48 | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 34.58 | 330.19 | 603.20 | 1579.02 | 545.58 | 1269.67 | 684.05 | 280.59 | 186.29 | 97.59 | 2.43 | 2.39 |
| MEAN | 1.12 | 11.01 | 19.46 | 50.94 | 19.49 | 40.96 | 22.80 | 9.05 | 6.21 | 3.15 | 2.43 | 2.39 |
| MAX | 5.79 | 43.72 | 66.31 | 191.48 | 114.99 | 100.58 | 72.31 | 27.39 | 13.91 | 4.40 | 2.43 | 2.39 |
| MIN | 0.31 | 1.76 | 7.46 | 7.40 | 6.27 | 6.15 | 8.80 | 4.46 | 3.92 | 2.48 | 2.43 | 2.39 |
| PEAK | 29.20 | 79.69 | 131.06 | 241.22 | 137.77 | 113.71 | 88.44 | 38.43 | 34.36 | 4.52 | 2.43 | 2.39 |
| LOW | 0.22 | 1.52 | 7.26 | 7.38 | 6.27 | 6.15 | 8.71 | 4.46 | 3.87 | 2.25 | 2.25 | 2.39 |
| AC-FT | 68.59 | 654.92 | 1196.42 | 3131.93 | 1082.14 | 2518.36 | 1356.80 | 556.54 | 369.51 | 193.57 | 4.82 | 4.74 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 18.35 |
| PERIOD TOTAL MAX: | 191.48 |
| PERIOD TOTAL MIN: | 0.31 |
| PERIOD TOTAL AC-FT: | 11138.34 |
| PERIOD TOTAL PEAK: | 241.22 |
| PERIOD TOTAL LOW: | 0.22 |

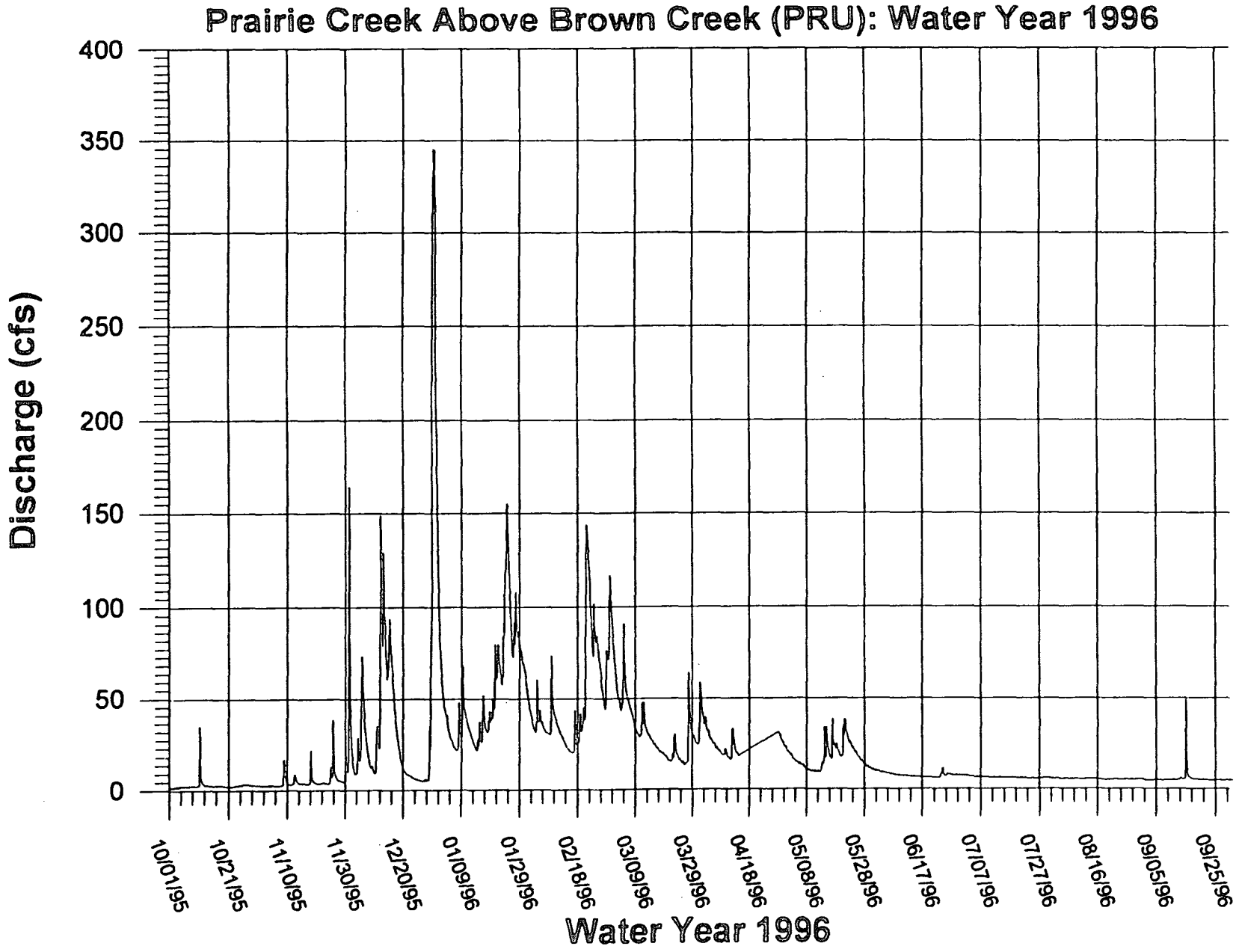

Prairie Creek Above Brown Creek (PRU): Water Year 1995
Discharge (cfs)
400
350
300
250
200
150
100
50
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

# Prairie Creek Above Brown Creek (PRU) WY96: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.60 | 2.57 | 70.82 | 84.15 | 43.88 | 78.37 | 42.87 | 20.18 | 9.89 | 7.30 | 5.40 | 4.71 |
| 2 | 1.76 | 2.61 | 16.23 | 53.71 | 36.00 | 57.96 | 36.83 | 18.54 | 9.19 | 7.24 | 5.63 | 4.66 |
| 3 | 2.06 | 2.62 | 8.91 | 41.70 | 33.04 | 47.19 | 31.57 | 16.03 | 8.96 | 6.85 | 5.40 | 4.68 |
| 4 | 2.25 | 2.65 | 19.08 | 33.85 | 44.26 | 52.17 | 27.11 | 14.89 | 8.53 | 6.60 | 5.35 | 4.90 |
| 5 | 2.42 | 2.56 | 44.40 | 27.16 | 37.92 | 64.38 | 24.75 | 13.73 | 8.24 | 6.61 | 5.54 | 4.83 |
| 6 | 2.42 | 2.42 | 42.05 | 23.17 | 33.38 | 48.58 | 22.37 | 13.11 | 8.17 | 6.58 | 5.28 | 4.72 |
| 7 | 2.34 | 2.53 | 22.99 | 22.40 | 31.22 | 42.41 | 20.57 | 11.36 | 7.68 | 6.51 | 5.37 | 4.55 |
| 8 | 2.52 | 6.23 | 14.04 | 35.03 | 31.57 | 36.55 | 18.63 | 10.79 | 7.43 | 6.50 | 5.35 | 4.83 |
| 9 | 2.59 | 7.75 | 11.64 | 44.53 | 51.38 | 31.49 | 19.90 | 9.83 | 7.22 | 6.45 | 5.35 | 4.71 |
| 10 | 2.50 | 3.34 | 15.06 | 40.24 | 38.51 | 29.22 | 17.61 | 9.53 | 7.16 | 6.08 | 5.11 | 4.68 |
| 11 | 11.80 | 3.18 | 26.70 | 34.42 | 33.70 | 41.64 | 19.49 | 9.49 | 7.04 | 6.24 | 5.11 | 4.83 |
| 12 | 3.76 | 6.30 | 104.90 | 29.11 | 29.69 | 34.88 | 26.89 | 9.46 | 6.90 | 6.12 | 5.36 | 4.77 |
| 13 | 2.94 | 4.57 | 100.06 | 24.54 | 26.02 | 29.87 | 19.99 | 12.82 | 6.64 | 6.13 | 5.35 | 5.54 |
| 14 | 2.58 | 3.59 | 66.74 | 23.37 | 22.74 | 26.77 | 18.37 | 22.20 | 6.65 | 5.99 | 5.36 | 5.75 |
| 15 | 2.55 | 3.57 | 81.54 | 29.43 | 20.62 | 24.52 | --- | 24.50 | 6.58 | 6.00 | 5.36 | 17.55 |
| 16 | 2.79 | 3.32 | 57.84 | 38.62 | 21.16 | 22.45 | --- | 17.40 | 6.35 | 6.01 | 5.07 | 6.04 |
| 17 | 2.77 | 3.93 | 36.54 | 33.70 | 31.66 | 20.33 | --- | 27.19 | 6.16 | 6.11 | 5.13 | 5.26 |
| 18 | 2.72 | 8.87 | 23.32 | 35.84 | 29.83 | 19.64 | --- | 22.43 | 6.23 | 5.87 | 4.96 | 5.04 |
| 19 | 2.40 | 4.15 | 14.96 | 41.27 | 33.87 | 18.06 | --- | 18.86 | 6.33 | 5.87 | 4.95 | 5.00 |
| 20 | 2.36 | 3.54 | 10.56 | 56.16 | 58.65 | 15.75 | --- | 22.24 | 6.25 | 5.88 | 4.88 | 5.00 |
| 21 | 2.22 | 3.80 | 8.41 | 70.21 | 131.45 | 15.88 | --- | 33.48 | 6.03 | 6.00 | 5.22 | 4.84 |
| 22 | 2.24 | 3.97 | 7.57 | 63.09 | 98.44 | 23.05 | --- | 27.69 | 6.14 | 5.71 | 5.05 | 4.77 |
| 23 | 2.49 | 3.51 | 6.48 | 81.95 | 83.06 | 19.92 | --- | 24.11 | 8.04 | 5.52 | 4.99 | 4.70 |
| 24 | 2.70 | 5.14 | 5.81 | 133.35 | 81.97 | 16.44 | --- | 21.16 | 7.74 | 5.66 | 5.13 | 4.76 |
| 25 | 2.96 | 16.62 | 5.24 | 113.62 | 70.03 | 14.86 | --- | 18.83 | 8.29 | 5.49 | 4.88 | 4.76 |
| 26 | 3.36 | 8.67 | 4.97 | 78.09 | 54.97 | 13.89 | --- | 16.26 | 7.79 | 5.50 | 5.11 | 4.66 |
| 27 | 3.20 | 5.32 | 5.42 | 92.07 | 48.62 | 31.28 | --- | 14.47 | 7.36 | 5.52 | 5.12 | 4.55 |
| 28 | 2.96 | 4.97 | 7.89 | 85.06 | 73.42 | 35.19 | 29.73 | 12.77 | 7.50 | 5.68 | 4.94 | 4.55 |
| 29 | 2.77 | 4.55 | 107.19 | 74.97 | 103.65 | 28.49 | 25.87 | 11.80 | 7.30 | 5.76 | 5.13 | 4.77 |
| 30 | 2.96 | 12.20 | 321.12 | 66.43 | --- | 24.89 | 22.90 | 11.07 | 7.34 | 5.70 | 5.13 | 4.78 |
| 31 | 2.77 | --- | 174.03 | 55.41 | --- | 36.65 | --- | 10.14 | --- | 5.63 | 5.05 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 89.78 | 149.05 | 1442.47 | 1666.65 | 1434.71 | 1002.77 | 425.45 | 526.39 | 221.13 | 189.13 | 161.08 | 159.16 |
| MEAN | 2.90 | 4.97 | 46.53 | 53.76 | 49.47 | 32.35 | 25.03 | 16.98 | 7.37 | 6.10 | 5.20 | 5.31 |
| MAX | 11.80 | 16.62 | 321.12 | 133.35 | 131.45 | 78.37 | 42.87 | 33.48 | 9.89 | 7.30 | 5.63 | 17.55 |
| MIN | 1.60 | 2.42 | 4.97 | 22.40 | 20.62 | 13.89 | 17.61 | 9.46 | 6.03 | 5.49 | 4.88 | 4.55 |
| PEAK | 35.25 | 38.47 | 345.70 | 154.74 | 143.74 | 92.35 | 51.57 | 38.60 | 11.31 | 7.60 | 5.63 | 48.83 |
| LOW | 1.46 | 2.21 | 4.90 | 21.22 | 19.76 | 13.07 | 15.97 | 9.25 | 5.90 | 5.40 | 4.77 | 4.49 |
| AC-FT | 178.08 | 295.64 | 2861.10 | 3305.75 | 2845.70 | 1988.97 | 843.86 | 1044.07 | 438.61 | 375.14 | 319.50 | 315.69 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 21.16 |
| PERIOD TOTAL MAX: | 321.12 |
| PERIOD TOTAL MIN: | 1.60 |
| PERIOD TOTAL AC-FT: | 14812.11 |
| PERIOD TOTAL PEAK: | 345.70 |
| PERIOD TOTAL LOW: | 1.46 |


Prairie Creek Above Brown Creek (PRU): Water Year 1996
Discharge (cfs)
400
350
300
250
200
150
100
50
0
10/01/95
10/21/95
11/10/95
11/30/95
12/20/95
01/09/96
01/29/96
02/18/96
03/09/96
03/29/96
04/18/96
05/08/96
05/28/96
06/17/96
07/07/96
07/27/96
08/16/96
09/05/96
09/25/96
Water Year 1996

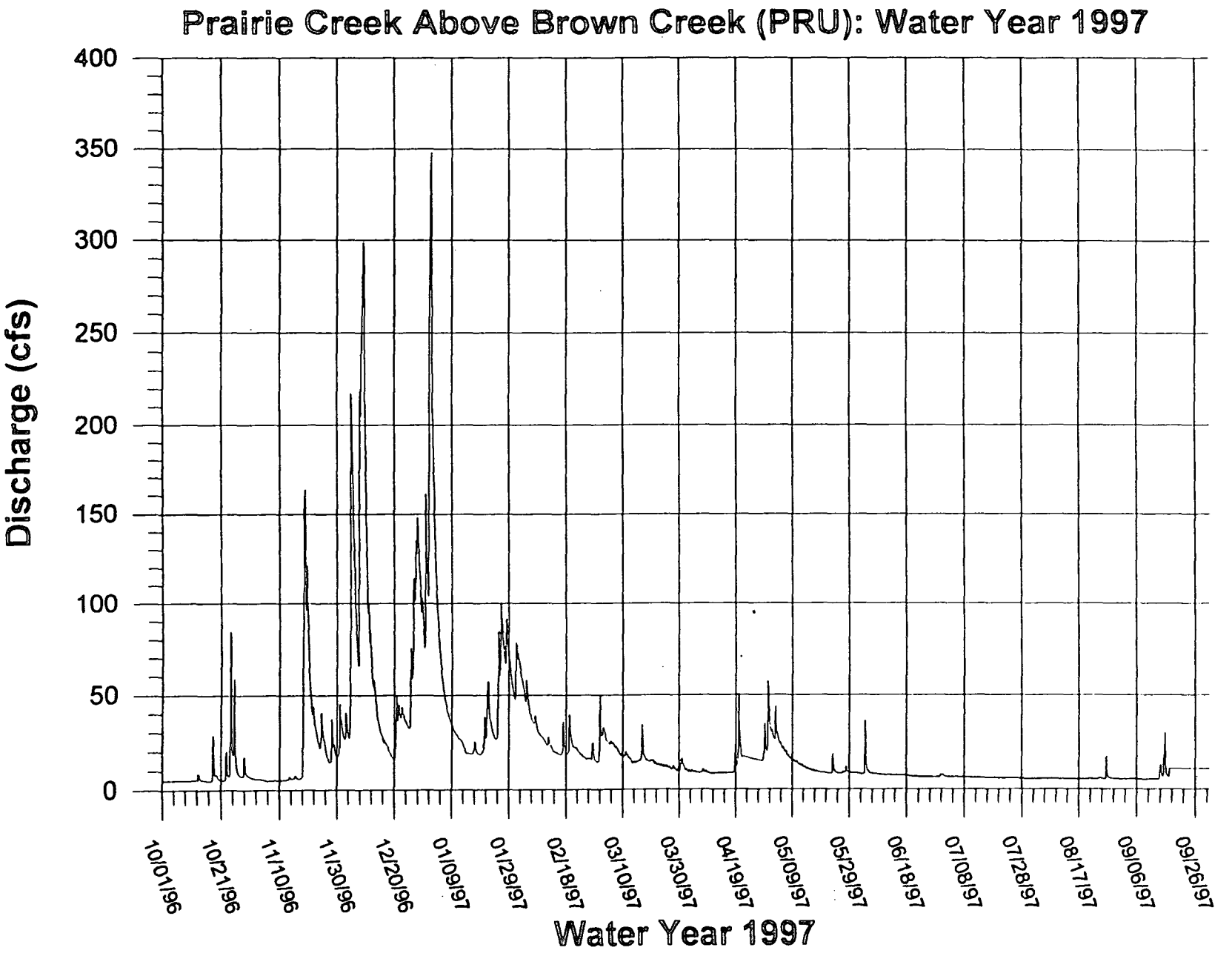
# Prairie Creek Above Brown Creek (PRU) WY97: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.88 | 5.90 | 34.25 | 295.47 | 68.18 | 19.11 | 10.22 | 30.65 | 8.11 | 6.55 | 5.43 | 5.30 |
| 2 | 4.88 | 5.79 | 27.50 | 193.31 | 58.71 | 31.49 | 9.42 | 28.76 | 7.76 | 6.52 | 5.36 | 5.21 |
| 3 | 4.94 | 5.64 | 32.23 | 117.35 | 49.14 | 30.15 | 9.34 | 30.86 | 16.32 | 6.50 | 5.49 | 5.23 |
| 4 | 4.88 | 5.41 | 86.06 | 81.10 | 49.97 | 25.16 | 9.12 | 24.18 | 9.91 | 6.45 | 5.45 | 5.28 |
| 5 | 5.00 | 4.79 | 163.64 | 61.07 | 39.61 | 24.36 | 8.78 | 21.53 | 8.44 | 6.51 | 5.46 | 5.30 |
| 6 | 4.88 | 4.94 | 96.50 | 48.35 | 35.21 | 24.07 | 8.58 | 19.43 | 8.15 | 6.36 | 5.48 | 5.16 |
| 7 | 4.83 | 5.00 | 113.00 | 40.67 | 35.40 | 22.25 | 9.66 | 17.52 | 8.01 | 6.31 | 5.46 | 5.00 |
| 8 | 4.88 | 5.17 | 241.80 | 35.81 | 29.63 | 19.99 | 9.14 | 16.10 | 7.70 | 6.23 | 5.41 | 5.05 |
| 9 | 4.83 | 5.06 | 251.91 | 31.85 | 27.70 | 18.22 | 8.62 | 15.00 | 7.53 | 6.36 | 5.31 | 5.10 |
| 10 | 4.88 | 5.11 | 123.18 | 28.97 | 25.31 | 17.68 | 8.38 | 14.13 | 7.38 | 6.07 | 5.22 | 5.22 |
| 11 | 5.02 | 5.17 | 81.17 | 26.71 | 24.33 | 18.32 | 8.26 | 13.12 | 7.37 | 6.02 | 5.20 | 5.16 |
| 12 | 5.11 | 5.40 | 58.77 | 24.93 | 23.14 | 16.14 | 8.45 | 12.38 | 7.37 | 6.01 | 5.32 | 5.17 |
| 13 | 6.82 | 6.33 | 47.51 | 21.31 | 20.41 | 14.27 | 8.51 | 11.48 | 7.21 | 5.98 | 5.27 | 5.58 |
| 14 | 5.23 | 6.04 | 34.94 | 19.06 | 19.59 | 14.30 | 8.48 | 10.75 | 7.28 | 5.92 | 5.25 | 9.30 |
| 15 | 5.09 | 6.89 | 28.68 | 19.05 | 18.88 | 14.82 | 8.42 | 10.19 | 7.21 | 5.94 | 5.25 | 16.88 |
| 16 | 4.77 | 5.85 | 25.09 | 19.62 | 20.22 | 20.45 | 8.55 | 9.70 | 7.15 | 5.91 | 5.24 | 7.64 |
| 17 | 4.86 | 7.21 | 22.66 | 21.88 | 24.33 | 18.29 | 8.63 | 9.34 | 7.18 | 5.90 | 5.26 | 22.71 |
| 18 | 13.83 | 117.94 | 19.13 | 18.84 | 18.99 | 15.42 | 12.71 | 8.96 | 7.09 | 5.90 | 5.33 | 7.48 |
| 19 | 7.49 | 101.68 | 16.37 | 19.08 | 31.25 | 14.71 | 14.93 | 8.71 | 6.78 | 5.79 | 5.22 | 6.35 |
| 20 | 5.53 | 57.98 | 28.44 | 28.32 | 22.82 | 15.08 | 29.09 | 8.60 | 6.71 | 5.73 | 5.46 | 5.90 |
| 21 | 5.01 | 40.96 | 40.25 | 44.66 | 21.57 | 13.67 | 17.19 | 8.35 | 6.69 | 5.66 | 5.49 | 5.72 |
| 22 | 9.16 | 31.02 | 39.91 | 36.83 | 19.52 | 12.93 | --- | 8.16 | 6.44 | 5.71 | 5.20 | 5.76 |
| 23 | 7.89 | 23.62 | 37.53 | 28.98 | 18.17 | 12.51 | --- | 11.79 | 6.45 | 5.72 | 5.28 | 5.70 |
| 24 | 36.84 | 30.84 | 33.44 | 26.93 | 16.78 | 12.11 | --- | 8.84 | 6.44 | 5.66 | 5.71 | 5.57 |
| 25 | 27.07 | 24.14 | 49.61 | 63.11 | 16.14 | 11.81 | --- | 8.23 | 6.41 | 5.66 | 5.44 | 5.52 |
| 26 | 10.61 | 17.17 | 89.23 | 86.60 | 16.08 | 11.42 | --- | 8.42 | 6.37 | 5.62 | 8.61 | 6.22 |
| 27 | 7.42 | 15.18 | 128.65 | 71.81 | 19.93 | 10.80 | --- | 9.10 | 6.35 | 5.51 | 6.12 | 5.62 |
| 28 | 8.68 | 26.62 | 121.05 | 79.25 | 15.09 | 10.96 | 15.98 | 9.53 | 6.39 | 5.49 | 5.53 | 5.50 |
| 29 | 9.36 | 18.80 | 95.66 | 63.16 | --- | 9.90 | 23.58 | 8.71 | 6.62 | 5.44 | 5.50 | 5.51 |
| 30 | 7.07 | 22.32 | 102.01 | 51.90 | --- | 11.87 | 38.58 | 8.42 | 7.32 | 5.44 | 5.30 | 5.48 |
| 31 | 6.40 | --- | 119.99 | 64.94 | --- | 13.36 | --- | 8.43 | --- | 5.40 | 5.25 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 248.16 | 623.98 | 2390.16 | 1770.90 | 786.10 | 525.61 | 302.64 | 419.37 | 226.17 | 184.27 | 170.32 | 200.64 |
| MEAN | 8.01 | 20.80 | 77.10 | 57.13 | 28.07 | 16.96 | 12.61 | 13.53 | 7.54 | 5.94 | 5.49 | 6.69 |
| MAX | 36.84 | 117.94 | 251.91 | 295.47 | 68.18 | 31.49 | 38.58 | 30.86 | 16.32 | 6.55 | 8.61 | 22.71 |
| MIN | 4.77 | 4.79 | 16.37 | 18.84 | 15.09 | 9.90 | 8.26 | 8.16 | 6.35 | 5.40 | 5.20 | 5.00 |
| PEAK | 84.39 | 163.44 | 298.64 | 348.15 | 72.38 | 49.67 | 57.27 | 43.64 | 35.97 | 6.92 | 17.25 | 63.38 |
| LOW | 4.55 | 4.72 | 15.77 | 18.13 | 14.79 | 9.40 | 7.97 | 8.02 | 6.06 | 5.23 | 4.89 | 4.78 |
| AC-FT | 492.22 | 1237.65 | 4740.82 | 3512.53 | 1559.21 | 1042.54 | 600.27 | 831.80 | 448.59 | 365.49 | 337.82 | 397.96 |

PERIOD TOTAL MEAN: 21.86
PERIOD TOTAL MAX: 295.47
PERIOD TOTAL MIN: 4.77
PERIOD TOTAL AC-FT: 15566.90

PERIOD TOTAL PEAK: 348.15
PERIOD TOTAL LOW: 4.55

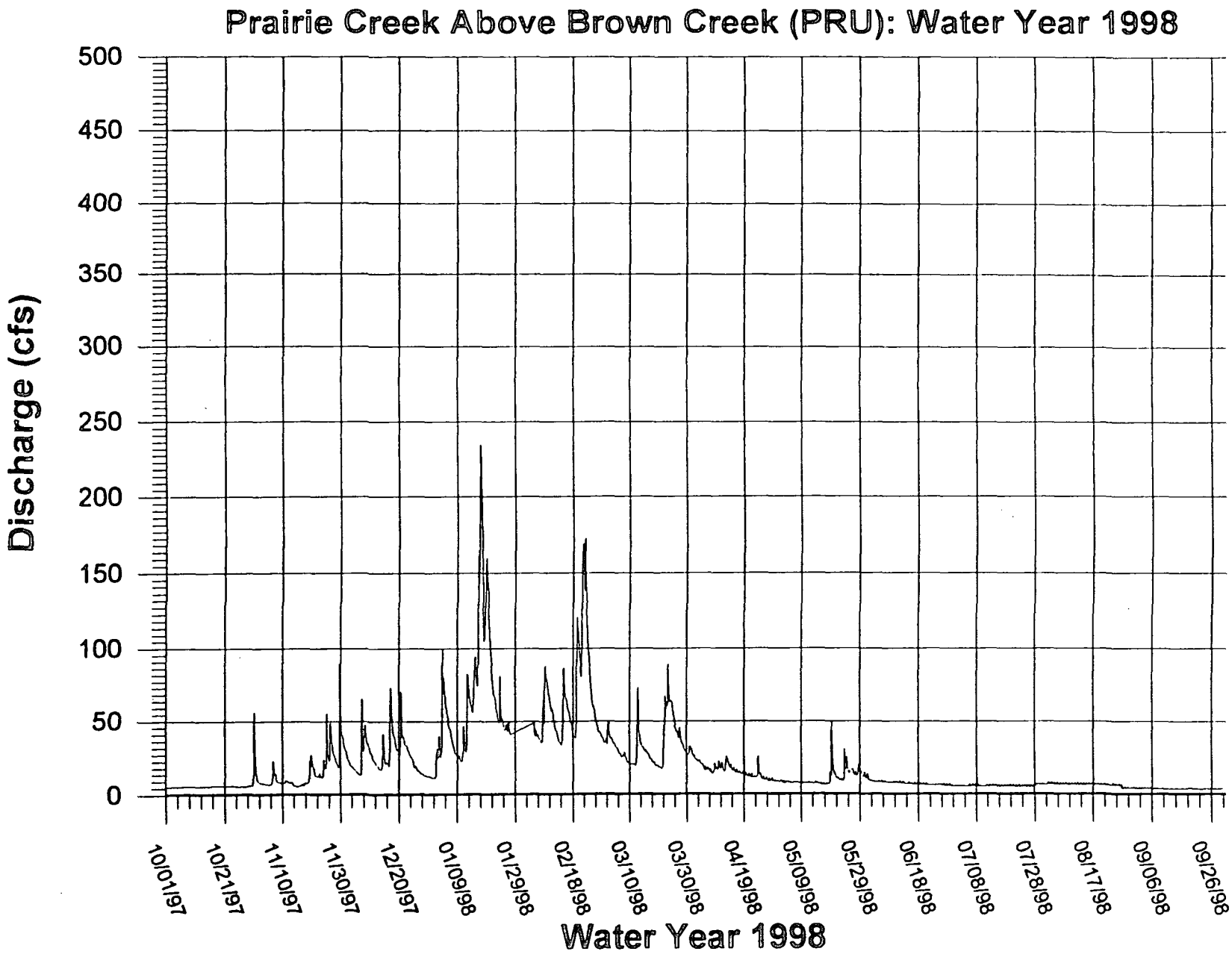

Prairie Creek Above Brown Creek (PRU): Water Year 1997
Discharge (cfs)
400
350
300
250
200
150
100
50
0
10/01/96
10/21/96
11/10/96
11/30/96
12/20/96
01/09/97
01/29/97
02/18/97
03/10/97
03/30/97
04/19/97
05/09/97
05/29/97
06/18/97
07/08/97
07/28/97
08/17/97
09/06/97
09/26/97
Water Year 1997

# Prairie Creek Above Brown Creek (PRU) WY98: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.47 | 9.51 | 31.17 | 17.46 | --- | 36.05 | 26.08 | 9.15 | 9.40 | 5.77 | 7.41 | 4.16 |
| 2 | --- | 8.02 | 24.28 | 30.76 | --- | 43.17 | 23.16 | 8.93 | 8.94 | 5.83 | 7.32 | 4.14 |
| 3 | --- | 7.46 | 19.90 | 44.60 | --- | 38.13 | 22.42 | 8.44 | 8.66 | 5.77 | 7.24 | 4.29 |
| 4 | --- | 7.18 | 17.46 | 71.32 | 46.33 | 34.64 | 19.66 | 8.30 | 8.76 | 5.65 | 7.45 | 4.24 |
| 5 | --- | 6.93 | 15.24 | 55.07 | 41.14 | 31.21 | 17.05 | 8.10 | 8.77 | 6.10 | 7.17 | 4.22 |
| 6 | --- | 13.44 | 13.60 | 44.16 | 37.75 | 27.49 | 17.23 | 8.19 | 8.35 | 6.26 | 7.22 | 3.90 |
| 7 | --- | 12.84 | 37.28 | 34.94 | 46.46 | 26.12 | 15.36 | 8.32 | 8.09 | 6.24 | 7.38 | 4.08 |
| 8 | --- | 8.61 | 42.48 | 27.34 | 79.34 | 25.59 | 16.94 | 7.80 | 8.22 | 6.04 | 7.02 | 3.85 |
| 9 | --- | 8.02 | 34.12 | 25.58 | 69.21 | 21.73 | 17.57 | 7.63 | 8.26 | 5.47 | 7.22 | 4.04 |
| 10 | --- | 8.11 | 28.07 | 23.92 | 58.75 | 20.79 | 19.49 | 7.83 | 8.33 | 5.41 | 7.16 | 3.80 |
| 11 | --- | 9.29 | 23.08 | 35.87 | 49.31 | 20.16 | 18.91 | 8.02 | 8.21 | 5.85 | 7.28 | 3.81 |
| 12 | --- | 8.15 | 19.74 | 57.56 | 41.77 | 37.14 | 19.19 | 7.62 | 8.10 | 5.86 | 7.22 | 4.01 |
| 13 | --- | 7.76 | 17.29 | 63.29 | 35.28 | 43.08 | 22.74 | 7.85 | 7.32 | 6.06 | 7.07 | 4.01 |
| 14 | --- | 5.87 | 27.17 | 66.28 | 55.15 | 32.43 | 18.10 | 7.79 | 7.59 | 5.99 | 6.97 | 3.90 |
| 15 | --- | 5.93 | 22.26 | 82.60 | 67.97 | 29.70 | 16.60 | 7.28 | 7.30 | 5.84 | 6.96 | 3.76 |
| 16 | --- | 6.70 | 23.86 | 169.29 | 56.26 | 27.14 | 15.46 | 7.10 | 7.27 | 5.84 | 7.12 | 3.91 |
| 17 | --- | 7.43 | 56.41 | 174.75 | 47.54 | 23.72 | 15.07 | 7.18 | 7.27 | 5.80 | 6.91 | 3.80 |
| 18 | --- | 8.18 | 38.74 | 123.44 | 39.69 | 21.68 | 14.40 | 9.40 | 7.16 | 5.76 | 7.03 | 4.20 |
| 19 | --- | 19.82 | 30.27 | 138.05 | 94.65 | 19.83 | 13.65 | 26.00 | 7.30 | 5.95 | 6.64 | 4.12 |
| 20 | --- | 17.93 | 42.45 | 97.31 | 92.34 | 18.16 | 12.67 | 13.60 | 6.94 | 5.76 | 6.78 | 3.88 |
| 21 | 6.07 | 12.49 | 39.38 | 70.26 | 148.10 | 22.18 | 12.34 | 10.66 | 6.31 | 5.57 | 6.85 | 3.77 |
| 22 | 6.00 | 13.03 | 32.85 | 58.14 | 143.04 | 55.25 | 11.72 | 10.00 | 6.31 | 5.82 | 6.31 | 3.59 |
| 23 | 6.06 | 14.05 | 28.20 | 54.75 | 98.44 | 69.89 | 15.67 | 16.02 | 6.46 | 5.69 | 6.90 | 3.80 |
| 24 | 5.83 | 20.56 | 23.92 | 50.38 | 70.65 | 63.54 | 13.43 | 19.37 | 6.56 | 5.64 | 6.60 | 3.75 |
| 25 | 5.83 | 29.90 | 18.99 | 45.13 | 57.07 | 52.90 | 10.75 | 15.31 | 6.89 | 5.60 | 6.55 | 3.75 |
| 26 | 5.79 | 38.14 | 16.69 | 45.52 | 47.04 | 43.26 | 10.12 | 16.07 | 6.65 | 5.60 | 5.62 | 3.92 |
| 27 | 5.76 | 27.23 | 14.54 | 41.45 | 41.96 | 40.73 | 9.60 | 13.40 | 6.51 | 5.54 | 4.57 | 3.77 |
| 28 | 5.80 | 21.29 | 13.25 | --- | 37.98 | 34.39 | 9.80 | 16.54 | 6.39 | 6.88 | 4.48 | 3.78 |
| 29 | 6.30 | 44.04 | 12.46 | --- | --- | 29.57 | 9.07 | 14.22 | 5.83 | 7.04 | 4.35 | 3.75 |
| 30 | 7.98 | 41.23 | 12.61 | --- | --- | 27.88 | 8.94 | 12.77 | 5.65 | 6.95 | 4.52 | 3.80 |
| 31 | 27.28 | --- | 11.28 | --- | --- | 30.79 | --- | 11.92 | --- | 6.75 | 4.27 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 94.16 | 449.17 | 789.07 | 1749.21 | 1603.42 | 1048.36 | 473.19 | 340.80 | 223.81 | 184.32 | 203.58 | 117.80 |
| MEAN | 7.85 | 14.97 | 25.45 | 64.79 | 64.14 | 33.82 | 15.77 | 10.99 | 7.46 | 5.95 | 6.57 | 3.93 |
| MAX | 27.28 | 44.04 | 56.41 | 174.75 | 148.10 | 69.89 | 26.08 | 26.00 | 9.40 | 7.04 | 7.45 | 4.29 |
| MIN | 5.47 | 5.87 | 11.28 | 17.46 | 35.28 | 18.16 | 8.94 | 7.10 | 5.65 | 5.41 | 4.27 | 3.59 |
| PEAK | 56.23 | 89.88 | 73.34 | 234.39 | 172.67 | 89.12 | 28.44 | 49.45 | 10.11 | 7.36 | 8.28 | 4.95 |
| LOW | 5.47 | 5.53 | 11.23 | 11.38 | 33.32 | 17.48 | 8.56 | 6.68 | 5.59 | 4.95 | 3.85 | 3.59 |
| AC-FT | 186.76 | 890.92 | 1565.09 | 3469.51 | 3180.35 | 2079.40 | 938.55 | 675.96 | 443.92 | 365.60 | 403.79 | 233.66 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 21.47 |
| PERIOD TOTAL MAX: | 174.75 |
| PERIOD TOTAL MIN: | 3.59 |
| PERIOD TOTAL AC-FT: | 14433.50 |
| PERIOD TOTAL PEAK: | 234.39 |
| PERIOD TOTAL LOW: | 3.59 |

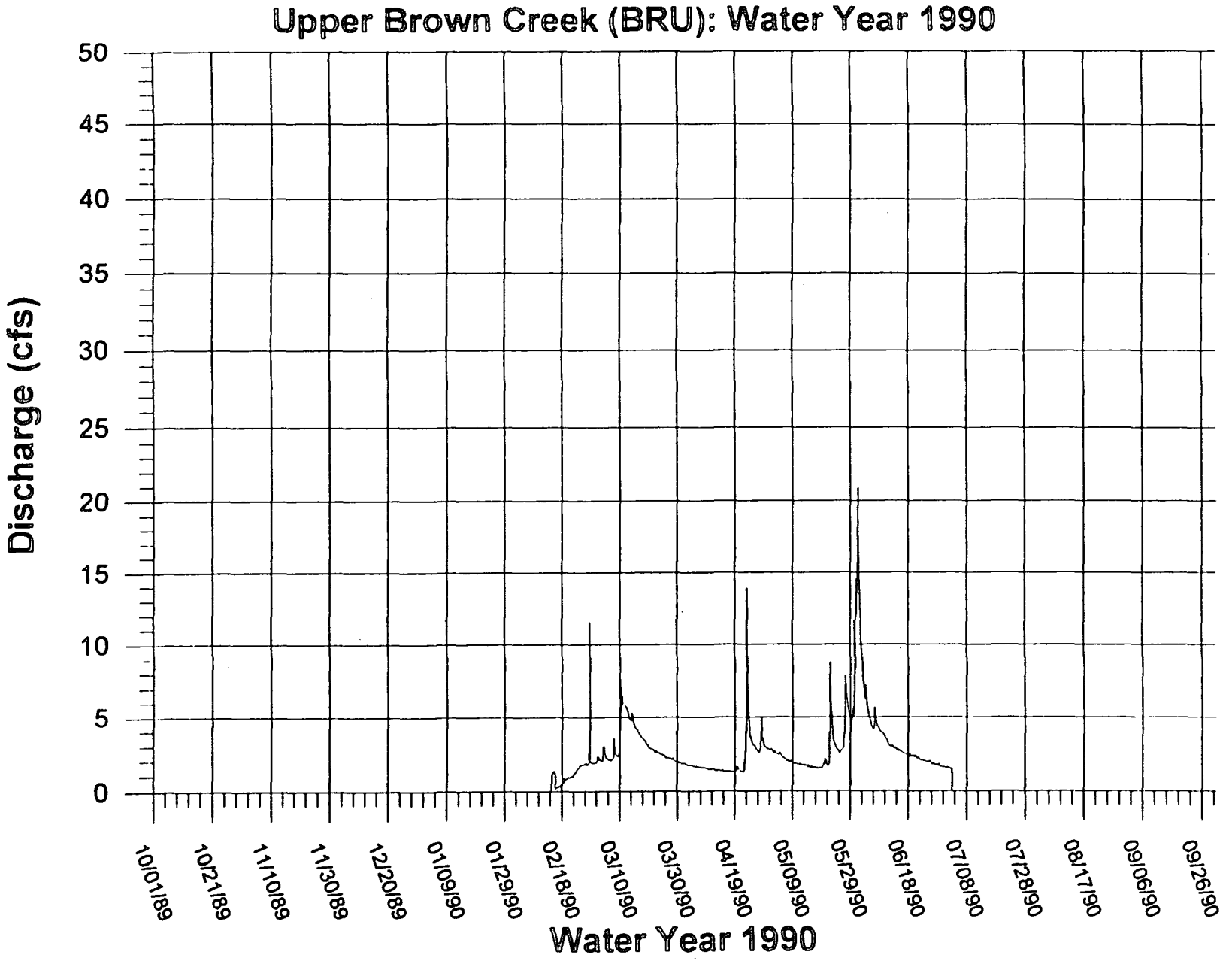

Prairie Creek Above Brown Creek (PRU): Water Year 1998
Discharge (cfs)
500
450
400
350
300
250
200
150
100
50
0
10/01/97
10/21/97
11/10/97
11/30/97
12/20/97
01/09/98
01/29/98
02/18/98
03/10/98
03/30/98
04/19/98
05/09/98
05/29/98
06/18/98
07/08/98
07/28/98
08/17/98
09/06/98
09/26/98
Water Year 1998

# Upper Brown Creek (BRU) WY90: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 1.84 | 1.82 | 2.75 | 11.89 | 1.54 | --- | --- |
| 2 | --- | --- | --- | --- | --- | 2.13 | 1.74 | 2.62 | 7.53 | 1.41 | --- | --- |
| 3 | --- | --- | --- | --- | --- | 1.98 | 1.73 | 2.42 | 6.19 | 0.00 | --- | --- |
| 4 | --- | --- | --- | --- | --- | 2.58 | 1.65 | 2.49 | 4.86 | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | 2.19 | 1.59 | 2.19 | 4.17 | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | 2.07 | 1.55 | 2.04 | 4.83 | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | 2.37 | 1.54 | 1.98 | 4.24 | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | 2.46 | 1.52 | 1.93 | 3.99 | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | 2.49 | 1.47 | 1.83 | 3.79 | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | 6.16 | 1.41 | 1.85 | 3.39 | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | 5.89 | 1.44 | 1.76 | 3.08 | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | 5.40 | 1.33 | 1.72 | 3.02 | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | 4.82 | 1.35 | 1.67 | 2.85 | --- | --- | --- |
| 14 | --- | --- | --- | --- | 0.63 | 4.76 | 1.36 | 1.62 | 2.74 | --- | --- | --- |
| 15 | --- | --- | --- | --- | 0.92 | 4.29 | 1.29 | 1.54 | 2.64 | --- | --- | --- |
| 16 | --- | --- | --- | --- | 0.27 | 3.89 | 1.28 | 1.51 | 2.50 | --- | --- | --- |
| 17 | --- | --- | --- | --- | 0.33 | 3.69 | 1.27 | 1.52 | 2.37 | --- | --- | --- |
| 18 | --- | --- | --- | --- | 0.55 | 3.33 | 1.23 | 1.54 | 2.33 | --- | --- | --- |
| 19 | --- | --- | --- | --- | 0.80 | 3.04 | 1.39 | 1.65 | 2.33 | --- | --- | --- |
| 20 | --- | --- | --- | --- | 0.91 | 2.84 | 1.38 | 1.88 | 2.31 | --- | --- | --- |
| 21 | --- | --- | --- | --- | 0.97 | 2.70 | 1.25 | 2.74 | 2.21 | --- | --- | --- |
| 22 | --- | --- | --- | --- | 1.25 | 2.66 | 2.24 | 5.12 | 2.02 | --- | --- | --- |
| 23 | --- | --- | --- | --- | 1.54 | 2.55 | 6.79 | 3.14 | 2.02 | --- | --- | --- |
| 24 | --- | --- | --- | --- | 1.71 | 2.41 | 3.48 | 2.69 | 1.91 | --- | --- | --- |
| 25 | --- | --- | --- | --- | 1.71 | 2.29 | 3.08 | 2.58 | 1.98 | --- | --- | --- |
| 26 | --- | --- | --- | --- | 1.77 | 2.17 | 2.78 | 3.09 | 1.79 | --- | --- | --- |
| 27 | --- | --- | --- | --- | 2.80 | 2.19 | 2.74 | 6.26 | 1.76 | --- | --- | --- |
| 28 | --- | --- | --- | --- | 1.86 | 2.11 | 3.68 | 5.16 | 1.71 | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | 1.95 | 2.96 | 4.95 | 1.60 | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | 1.92 | 2.81 | 7.91 | 1.58 | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | 1.84 | --- | 14.92 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | --- | --- | --- | --- | 18.02 | 93.02 | 61.13 | 97.06 | 99.63 | 2.95 | --- | --- |
| MEAN | --- | --- | --- | --- | 1.20 | 3.00 | 2.04 | 3.13 | 3.32 | 0.98 | --- | --- |
| MAX | --- | --- | --- | --- | 2.80 | 6.16 | 6.79 | 14.92 | 11.89 | 1.54 | --- | --- |
| MIN | --- | --- | --- | --- | 0.27 | 1.84 | 1.23 | 1.51 | 1.58 | 0.00 | --- | --- |
| PEAK | --- | --- | --- | --- | 11.56 | 7.62 | 13.91 | 20.90 | 15.68 | 1.59 | --- | --- |
| LOW | --- | --- | --- | --- | 0.17 | 1.84 | 1.22 | 1.46 | 1.58 | 1.41 | --- | --- |
| AC-FT | --- | --- | --- | --- | 35.75 | 184.51 | 121.24 | 192.53 | 197.62 | 5.86 | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 2.66 |
| PERIOD TOTAL MAX: | 14.92 |
| PERIOD TOTAL MIN: | 0.00 |
| PERIOD TOTAL AC-FT: | 737.50 |
| PERIOD TOTAL PEAK: | 20.90 |
| PERIOD TOTAL LOW: | 0.17 |

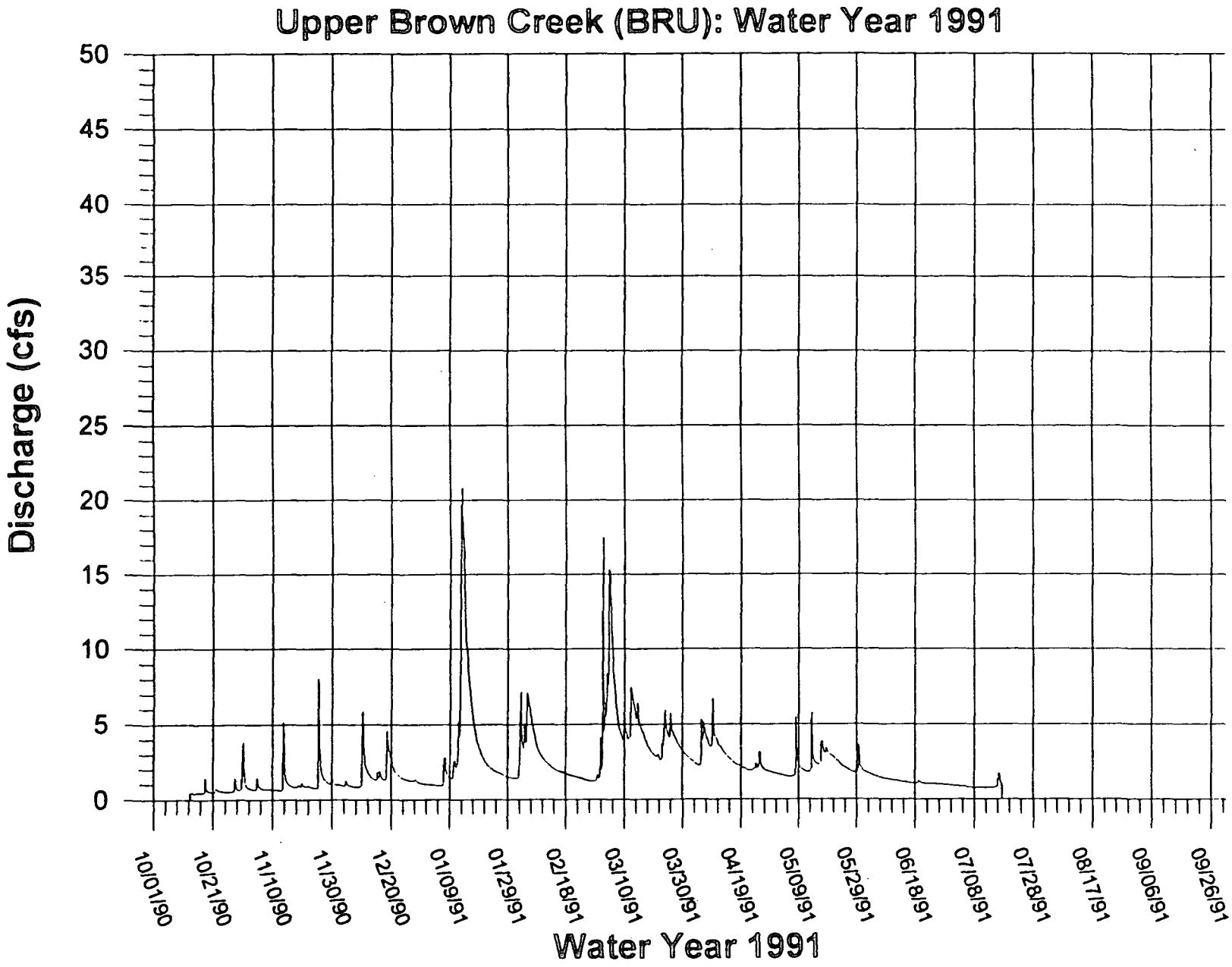

Upper Brown Creek (BRU): Water Year 1990
Discharge (cfs)
50
45
40
35
30
25
20
15
10
5
0
10/01/89
10/21/89
11/10/89
11/30/89
12/20/89
01/09/90
01/29/90
02/18/90
03/10/90
03/30/90
04/19/90
05/09/90
05/29/90
06/18/90
07/08/90
07/28/90
08/17/90
09/06/90
09/26/90
Water Year 1990

# Upper Brown Creek (BRU) WY91: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 0.81 | 0.99 | 1.00 | 1.59 | 1.89 | 2.63 | 1.68 | 1.74 | 0.88 | --- | --- |
| 2 | --- | 0.69 | 0.93 | 0.99 | 4.77 | 5.13 | 2.50 | 1.68 | 1.74 | 0.85 | --- | --- |
| 3 | --- | 0.68 | 0.93 | 0.97 | 3.93 | 5.90 | 2.37 | 1.58 | 1.64 | 0.85 | --- | --- |
| 4 | --- | 0.88 | 1.03 | 0.95 | 5.36 | 10.49 | 2.24 | 1.56 | 1.55 | 0.83 | --- | --- |
| 5 | --- | 0.86 | 0.93 | 0.92 | 6.02 | 12.29 | 3.91 | 1.50 | 1.46 | 0.80 | --- | --- |
| 6 | --- | 0.69 | 0.87 | 1.09 | 4.86 | 7.83 | 4.58 | 1.46 | 1.44 | 0.79 | --- | --- |
| 7 | --- | 0.68 | 0.86 | 2.10 | 3.89 | 5.65 | 3.94 | 1.77 | 1.38 | 0.76 | --- | --- |
| 8 | --- | 0.67 | 0.82 | 1.54 | 3.23 | 4.53 | 3.49 | 3.04 | 1.30 | 0.76 | --- | --- |
| 9 | --- | 0.69 | 0.90 | 1.44 | 2.85 | 4.22 | 4.77 | 2.11 | 1.30 | 0.75 | --- | --- |
| 10 | --- | 0.64 | 3.87 | 2.17 | 2.66 | 4.48 | 4.01 | 1.99 | 1.26 | 0.75 | --- | --- |
| 11 | --- | 0.64 | 2.06 | 2.55 | 2.39 | 4.11 | 3.63 | 1.88 | 1.22 | 0.74 | --- | --- |
| 12 | --- | 0.60 | 1.61 | 9.29 | 2.26 | 6.64 | 3.30 | 1.77 | 1.22 | 0.73 | --- | --- |
| 13 | 0.23 | 2.28 | 1.40 | 17.80 | 2.14 | 5.88 | 2.98 | 2.93 | 1.15 | 0.73 | --- | --- |
| 14 | 0.43 | 1.42 | 1.31 | 11.54 | 2.03 | 5.64 | 2.80 | 2.48 | 1.14 | 0.75 | --- | --- |
| 15 | 0.46 | 0.96 | 1.57 | 8.23 | 1.91 | 4.84 | 2.65 | 2.30 | 1.08 | 0.82 | --- | --- |
| 16 | 0.46 | 0.84 | 1.51 | 6.15 | 1.86 | 4.23 | 2.38 | 2.69 | 1.09 | 1.36 | --- | --- |
| 17 | 0.45 | 0.82 | 1.30 | 4.73 | 1.80 | 3.78 | 2.25 | 3.43 | 1.06 | 0.45 | --- | --- |
| 18 | 0.47 | 0.92 | 2.96 | 3.81 | 1.70 | 3.37 | 2.25 | 3.23 | 1.05 | --- | --- | --- |
| 19 | 0.55 | 0.93 | 2.96 | 3.19 | 1.61 | 3.04 | 2.13 | 3.06 | 1.16 | --- | --- | --- |
| 20 | 0.51 | 0.90 | 2.21 | 2.73 | 1.52 | 2.85 | 2.01 | 2.90 | 1.09 | --- | --- | --- |
| 21 | 0.53 | 0.86 | 1.79 | 2.43 | 1.53 | 2.91 | 1.91 | 2.64 | 1.03 | --- | --- | --- |
| 22 | 0.66 | 0.84 | 1.54 | 2.17 | 1.43 | 2.69 | 1.91 | 2.48 | 1.02 | --- | --- | --- |
| 23 | 0.55 | 0.79 | 1.44 | 2.05 | 1.43 | 4.17 | 2.02 | 2.25 | 1.00 | --- | --- | --- |
| 24 | 0.54 | 0.74 | 1.36 | 1.94 | 1.35 | 4.88 | 2.12 | 2.11 | 1.01 | --- | --- | --- |
| 25 | 0.52 | 3.42 | 1.28 | 1.83 | 1.28 | 4.36 | 2.52 | 1.99 | 1.00 | --- | --- | --- |
| 26 | 0.53 | 1.81 | 1.28 | 1.73 | 1.20 | 4.64 | 2.09 | 1.88 | 0.99 | --- | --- | --- |
| 27 | 0.55 | 1.30 | 1.21 | 1.64 | 1.21 | 4.04 | 1.87 | 1.78 | 0.97 | --- | --- | --- |
| 28 | 0.94 | 1.08 | 1.26 | 1.55 | 1.40 | 3.65 | 1.86 | 1.78 | 0.96 | --- | --- | --- |
| 29 | 0.64 | 1.13 | 1.14 | 1.46 | --- | 3.29 | 1.77 | 2.34 | 0.91 | --- | --- | --- |
| 30 | 1.25 | 1.11 | 1.07 | 1.44 | --- | 3.09 | 1.75 | 2.15 | 0.91 | --- | --- | --- |
| 31 | 1.91 | --- | 1.01 | 1.41 | --- | 2.79 | --- | 1.84 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 12.50 | 30.68 | 45.37 | 102.83 | 69.22 | 147.30 | 80.63 | 68.28 | 35.87 | 13.62 | --- | --- |
| MEAN | 0.66 | 1.02 | 1.46 | 3.32 | 2.47 | 4.75 | 2.69 | 2.20 | 1.20 | 0.80 | --- | --- |
| MAX | 1.91 | 3.42 | 3.87 | 17.80 | 6.02 | 12.29 | 4.77 | 3.43 | 1.74 | 1.36 | --- | --- |
| MIN | 0.23 | 0.60 | 0.82 | 0.92 | 1.20 | 1.89 | 1.75 | 1.46 | 0.91 | 0.45 | --- | --- |
| PEAK | 3.82 | 9.04 | 5.90 | 20.83 | 7.18 | 17.46 | 6.77 | 5.77 | 1.82 | 1.69 | --- | --- |
| LOW | 0.43 | 0.59 | 0.81 | 0.89 | 1.20 | 1.37 | 1.75 | 1.46 | 0.91 | 0.73 | --- | --- |
| AC-FT | 24.80 | 60.84 | 89.98 | 203.96 | 137.30 | 292.16 | 159.94 | 135.43 | 71.14 | 27.01 | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 2.18 |
| PERIOD TOTAL MAX: | 17.80 |
| PERIOD TOTAL MIN: | 0.23 |
| PERIOD TOTAL AC-FT: | 1202.56 |
| PERIOD TOTAL PEAK: | 20.83 |
| PERIOD TOTAL LOW: | 0.43 |

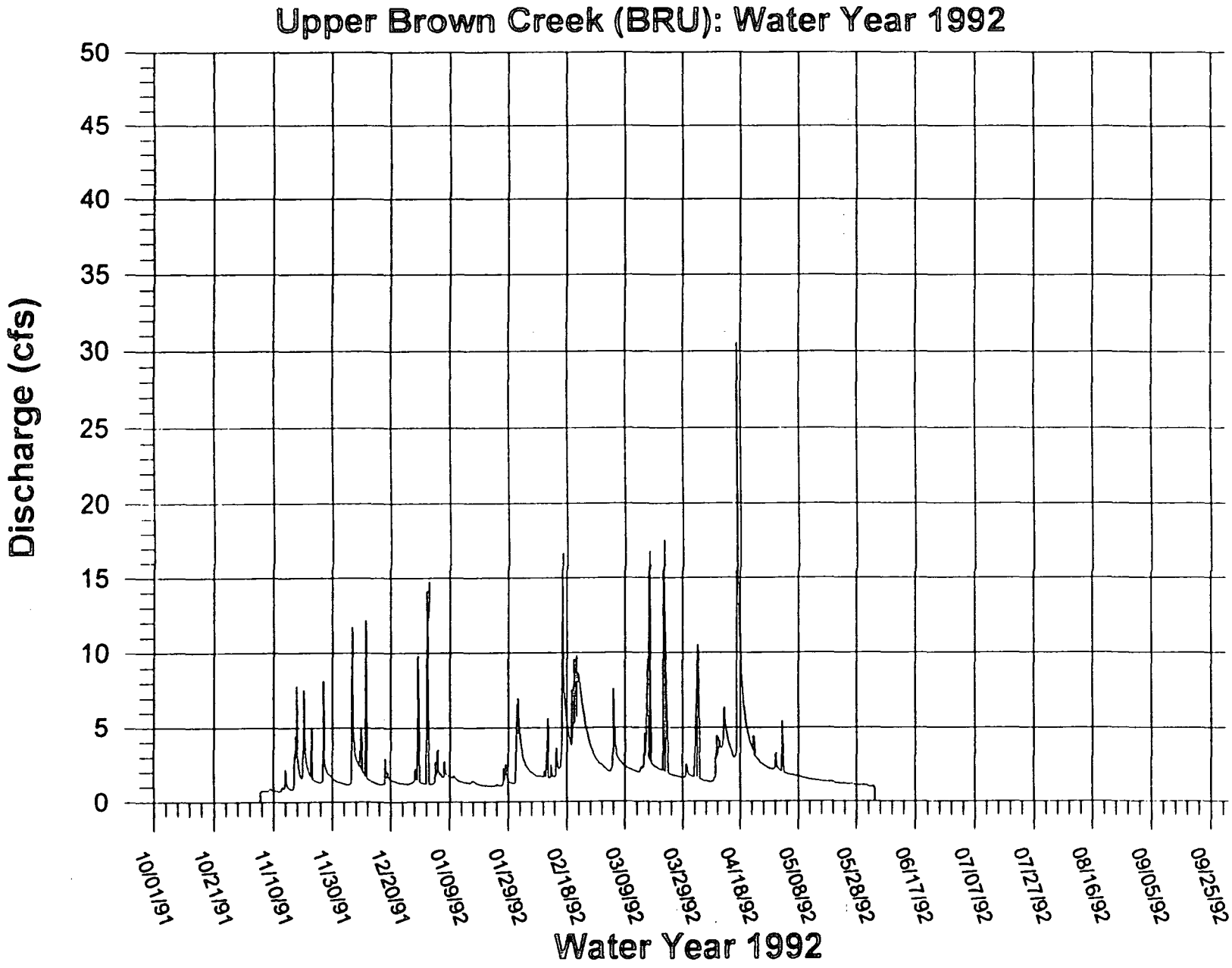

Upper Brown Creek (BRU): Water Year 1991
Discharge (cfs)
50
45
40
35
30
25
20
15
10
5
0
10/01/90
10/21/90
11/10/90
11/30/90
12/20/90
01/09/91
01/29/91
02/18/91
03/10/91
03/30/91
04/19/91
05/09/91
05/29/91
06/18/91
07/08/91
07/28/91
08/17/91
09/06/91
09/26/91
Water Year 1991

# Upper Brown Creek (BRU) WY92: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 1.35 | 11.91 | 5.38 | 2.35 | 1.60 | 2.12 | 0.98 | --- | --- | --- |
| 2 | --- | --- | 1.34 | 1.17 | 3.52 | 2.18 | 6.70 | 4.19 | 1.01 | --- | --- | --- |
| 3 | --- | --- | 1.20 | 1.33 | 2.69 | 2.06 | 4.77 | 1.90 | 0.14 | --- | --- | --- |
| 4 | --- | --- | 1.20 | 2.45 | 2.30 | 2.69 | 1.43 | 1.80 | --- | --- | --- | --- |
| 5 | --- | 0.34 | 1.13 | 1.97 | 2.04 | 4.34 | 1.35 | 1.81 | --- | --- | --- | --- |
| 6 | --- | 0.74 | 4.63 | 1.65 | 1.92 | 2.96 | 1.36 | 1.77 | --- | --- | --- | --- |
| 7 | --- | 0.73 | 3.72 | 2.03 | 1.72 | 2.75 | 1.27 | 1.70 | --- | --- | --- | --- |
| 8 | --- | 0.85 | 2.65 | 1.76 | 1.69 | 2.47 | 1.37 | 1.69 | --- | --- | --- | --- |
| 9 | --- | 0.81 | 4.15 | 1.66 | 1.75 | 2.33 | 2.74 | 1.61 | --- | --- | --- | --- |
| 10 | --- | 0.76 | 2.19 | 1.70 | 1.77 | 2.21 | 3.81 | 1.52 | --- | --- | --- | --- |
| 11 | --- | 0.71 | 5.65 | 1.48 | 3.56 | 2.09 | 3.76 | 1.51 | --- | --- | --- | --- |
| 12 | --- | 0.84 | 1.50 | 1.38 | 1.78 | 2.09 | 5.27 | 1.47 | --- | --- | --- | --- |
| 13 | --- | 1.08 | 1.35 | 1.30 | 1.67 | 1.98 | 4.22 | 1.43 | --- | --- | --- | --- |
| 14 | --- | 1.21 | 1.25 | 1.29 | 2.55 | 2.26 | 3.51 | 1.41 | --- | --- | --- | --- |
| 15 | --- | 0.86 | 1.24 | 1.27 | 2.27 | 3.05 | 3.01 | 1.35 | --- | --- | --- | --- |
| 16 | --- | 1.01 | 1.18 | 1.32 | 8.07 | 8.61 | 7.63 | 1.35 | --- | --- | --- | --- |
| 17 | --- | 3.97 | 1.14 | 1.31 | 6.35 | 7.54 | 12.84 | 1.34 | --- | --- | --- | --- |
| 18 | --- | 2.43 | 1.94 | 1.23 | 4.56 | 2.50 | 8.43 | 1.29 | --- | --- | --- | --- |
| 19 | --- | 1.69 | 1.65 | 1.16 | 4.88 | 2.37 | 5.98 | 1.30 | --- | --- | --- | --- |
| 20 | --- | 4.49 | 1.39 | 1.09 | 7.09 | 3.24 | 4.65 | 1.28 | --- | --- | --- | --- |
| 21 | --- | 2.33 | 1.39 | 1.07 | 8.15 | 3.12 | 3.87 | 1.20 | --- | --- | --- | --- |
| 22 | --- | 2.52 | 1.31 | 1.03 | 7.80 | 13.23 | 3.95 | 1.20 | --- | --- | --- | --- |
| 23 | --- | 1.61 | 1.24 | 1.03 | 6.13 | 1.96 | 2.95 | 1.17 | --- | --- | --- | --- |
| 24 | --- | 1.37 | 1.22 | 1.03 | 4.94 | 1.79 | 2.71 | 1.20 | --- | --- | --- | --- |
| 25 | --- | 1.30 | 1.20 | 1.10 | 4.07 | 1.79 | 2.50 | 1.13 | --- | --- | --- | --- |
| 26 | --- | 2.35 | 1.19 | 1.06 | 3.43 | 1.70 | 2.36 | 1.16 | --- | --- | --- | --- |
| 27 | --- | 2.62 | 1.33 | 1.65 | 3.03 | 1.70 | 2.24 | 1.10 | --- | --- | --- | --- |
| 28 | --- | 1.92 | 1.72 | 1.78 | 2.72 | 1.60 | 2.24 | 1.11 | --- | --- | --- | --- |
| 29 | --- | 1.65 | 3.02 | 1.30 | 2.56 | 1.59 | 2.20 | 1.12 | --- | --- | --- | --- |
| 30 | --- | 1.44 | 1.30 | 1.27 | --- | 2.15 | 2.60 | 1.10 | --- | --- | --- | --- |
| 31 | --- | --- | 1.22 | 3.18 | --- | 1.72 | --- | 1.09 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | --- | 41.63 | 57.99 | 55.98 | 110.41 | 92.42 | 113.32 | 46.45 | 2.13 | --- | --- | --- |
| MEAN | --- | 1.60 | 1.87 | 1.81 | 3.81 | 2.98 | 3.78 | 1.50 | 0.71 | --- | --- | --- |
| MAX | --- | 4.49 | 5.65 | 11.91 | 8.15 | 13.23 | 12.84 | 4.19 | 1.01 | --- | --- | --- |
| MIN | --- | 0.34 | 1.13 | 1.03 | 1.67 | 1.59 | 1.27 | 1.09 | 0.14 | --- | --- | --- |
| | | | | | | | | | | | | |
| PEAK | --- | 8.16 | 12.18 | 14.74 | 16.65 | 17.58 | 30.54 | 5.42 | 1.08 | --- | --- | --- |
| LOW | --- | 0.69 | 1.13 | 1.03 | 1.56 | 1.59 | 1.27 | 1.02 | 0.91 | --- | --- | --- |
| | | | | | | | | | | | | |
| AC-FT | --- | 82.56 | 115.03 | 111.02 | 219.00 | 183.30 | 224.76 | 92.13 | 4.23 | --- | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 2.45 |
| PERIOD TOTAL MAX: | 13.23 |
| PERIOD TOTAL MIN: | 0.14 |
| PERIOD TOTAL AC-FT: | 1032.04 |
| | |
| PERIOD TOTAL PEAK: | 30.54 |
| PERIOD TOTAL LOW: | 0.69 |

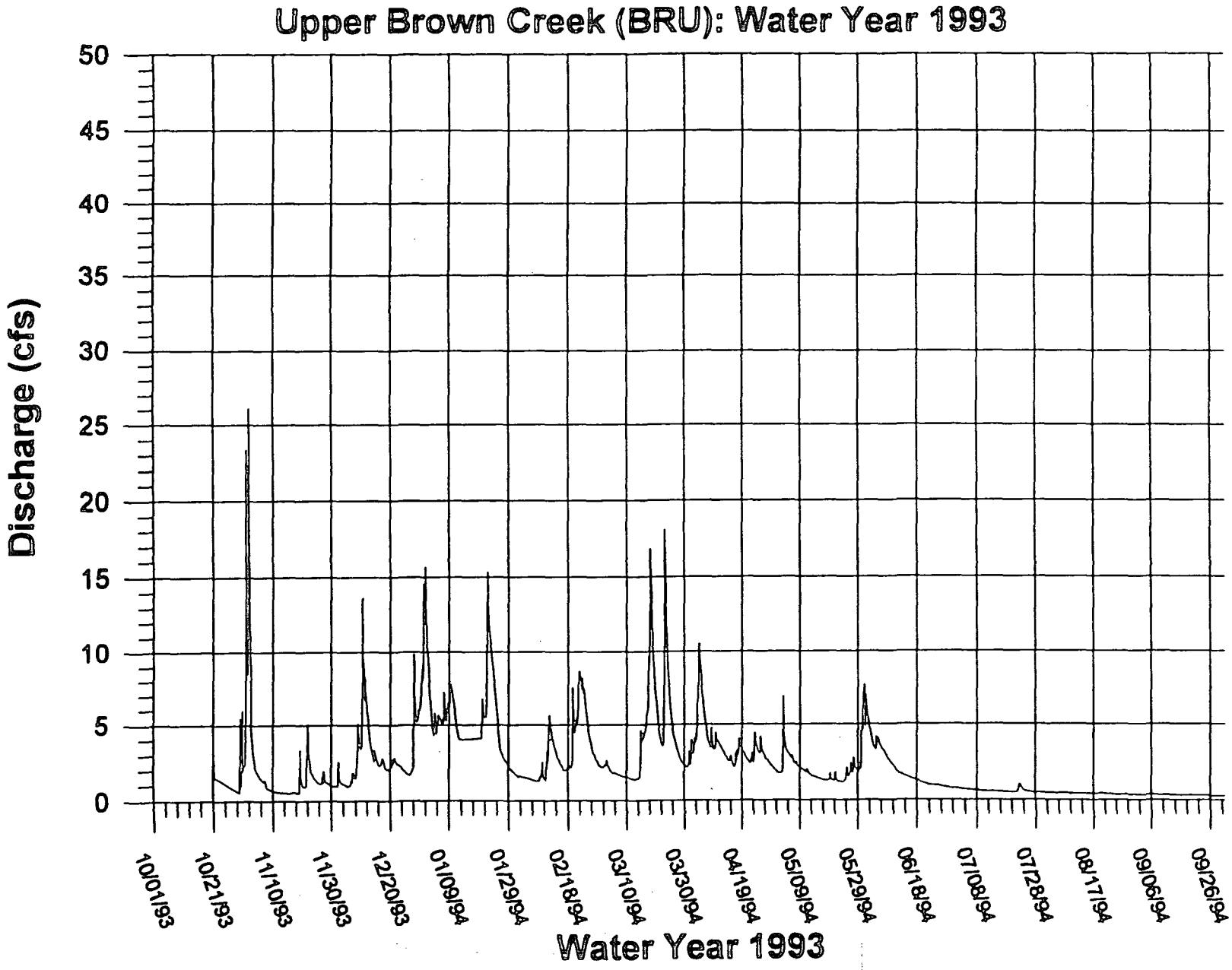

Upper Brown Creek (BRU): Water Year 1992
Discharge (cfs)
50
45
40
35
30
25
20
15
10
5
0
10/01/91
10/21/91
11/10/91
11/30/91
12/20/91
01/09/92
01/29/92
02/18/92
03/09/92
03/29/92
04/18/92
05/08/92
05/28/92
06/17/92
07/07/92
07/27/92
08/16/92
09/05/92
09/25/92
Water Year 1992

# Upper Brown Creek (BRU) WY93: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 14.04 | 0.95 | 10.83 | 1.56 | 2.16 | 3.21 | 1.84 | 5.29 | 0.72 | 0.45 | 0.33 |
| 2 | --- | 9.71 | 1.52 | 6.90 | 1.56 | 2.28 | 3.51 | 1.74 | 4.25 | 0.72 | 0.45 | 0.32 |
| 3 | --- | 2.81 | 1.11 | 4.63 | 1.50 | 2.23 | 5.99 | 3.74 | 3.46 | 0.67 | 0.43 | 0.31 |
| 4 | --- | 1.92 | 1.02 | 4.86 | 1.47 | 1.89 | 9.11 | 3.26 | 3.76 | 0.68 | 0.42 | 0.33 |
| 5 | --- | 1.52 | 0.95 | 5.57 | 1.41 | 1.77 | 6.46 | 2.89 | 3.59 | 0.66 | 0.42 | 0.34 |
| 6 | --- | 1.29 | 1.22 | 5.24 | 1.33 | 1.79 | 4.70 | 2.68 | 3.23 | 0.63 | 0.44 | 0.35 |
| 7 | --- | 1.10 | 1.62 | 5.80 | 1.26 | 1.67 | 3.70 | 2.44 | 2.92 | 0.62 | 0.44 | 0.34 |
| 8 | --- | 0.78 | 2.97 | 5.96 | 1.41 | 1.58 | 3.76 | 2.14 | 2.58 | 0.61 | 0.41 | 0.33 |
| 9 | --- | 0.68 | 3.62 | 7.10 | 1.69 | 1.55 | 3.59 | 2.01 | 2.33 | 0.58 | 0.39 | 0.31 |
| 10 | --- | 0.64 | 8.19 | 6.38 | 1.80 | 1.49 | 3.82 | 1.90 | 2.05 | 0.55 | 0.38 | 0.31 |
| 11 | --- | 0.60 | 6.70 | 4.81 | 4.15 | 1.41 | 3.45 | 1.88 | 1.77 | 0.55 | 0.39 | 0.33 |
| 12 | --- | 0.56 | 4.75 | 4.00 | 4.17 | 1.40 | 3.11 | 1.64 | 1.73 | 0.55 | 0.39 | 0.33 |
| 13 | --- | 0.56 | 3.30 | --- | 3.32 | 1.39 | 2.74 | 1.53 | 1.57 | 0.55 | 0.40 | 0.31 |
| 14 | --- | 0.53 | 2.96 | --- | 2.73 | 2.24 | 2.61 | 1.55 | 1.56 | 0.52 | 0.39 | 0.31 |
| 15 | --- | 0.52 | 2.53 | --- | 2.30 | 4.10 | 2.43 | 1.44 | 1.40 | 0.53 | 0.41 | 0.31 |
| 16 | --- | 0.55 | 2.37 | --- | 2.03 | 4.89 | 2.37 | 1.36 | 1.38 | 0.52 | 0.38 | 0.30 |
| 17 | --- | 0.57 | 2.56 | --- | 2.04 | 7.91 | 3.05 | 1.29 | 1.31 | 0.51 | 0.39 | 0.30 |
| 18 | --- | 0.53 | 2.05 | --- | 2.19 | 13.55 | 3.61 | 1.28 | 1.23 | 0.51 | 0.38 | 0.29 |
| 19 | --- | 1.57 | 1.99 | --- | 4.14 | 8.16 | 3.09 | 1.45 | 1.16 | 0.50 | 0.43 | 0.30 |
| 20 | 0.10 | 0.94 | 2.34 | 5.67 | 4.84 | 5.65 | 2.71 | 1.24 | 1.09 | 0.49 | 0.41 | 0.28 |
| 21 | 1.57 | 2.11 | 2.66 | 7.98 | 6.94 | 4.10 | 2.42 | 1.42 | 0.98 | 0.50 | 0.40 | --- |
| 22 | --- | 2.63 | 2.41 | 12.23 | 7.84 | 4.32 | 2.67 | 1.23 | 0.96 | 0.88 | 0.38 | --- |
| 23 | --- | 1.74 | 2.17 | --- | 7.00 | 13.61 | 3.55 | 1.17 | 0.97 | 0.72 | 0.38 | --- |
| 24 | --- | 1.41 | 2.05 | --- | 5.17 | 8.12 | 3.29 | 1.25 | 0.92 | 0.57 | 0.35 | --- |
| 25 | --- | 1.17 | 1.84 | --- | 3.92 | 5.32 | 3.33 | 1.72 | 0.93 | 0.54 | 0.35 | --- |
| 26 | --- | 1.12 | 1.73 | 3.16 | 3.10 | 4.01 | 2.98 | 1.88 | 0.86 | 0.50 | 0.35 | --- |
| 27 | --- | 1.43 | 2.07 | 2.67 | 2.62 | 3.24 | 2.70 | 2.10 | 0.81 | 0.47 | 0.35 | --- |
| 28 | --- | 1.15 | 6.01 | 2.34 | 2.31 | 2.67 | 2.45 | 1.99 | 0.80 | 0.46 | 0.34 | --- |
| 29 | 1.54 | 1.02 | 5.64 | 2.11 | --- | 2.35 | 2.18 | 2.02 | 0.76 | 0.47 | 0.33 | --- |
| 30 | 2.56 | 0.95 | 7.32 | 1.89 | --- | 2.21 | 1.97 | 4.47 | 0.75 | 0.44 | 0.33 | 0.27 |
| 31 | 5.65 | --- | 12.21 | 1.69 | --- | 2.48 | --- | 6.98 | --- | 0.44 | 0.34 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 11.42 | 56.16 | 100.82 | 111.81 | 85.80 | 121.54 | 104.56 | 65.56 | 56.38 | 17.65 | 12.11 | 6.59 |
| MEAN | 2.28 | 1.87 | 3.25 | 5.32 | 3.06 | 3.92 | 3.49 | 2.11 | 1.88 | 0.57 | 0.39 | 0.31 |
| MAX | 5.65 | 14.04 | 12.21 | 12.23 | 7.84 | 13.61 | 9.11 | 6.98 | 5.29 | 0.88 | 0.45 | 0.35 |
| MIN | 0.10 | 0.52 | 0.95 | 1.69 | 1.26 | 1.39 | 1.97 | 1.17 | 0.75 | 0.44 | 0.33 | 0.27 |
| PEAK | 22.43 | 26.10 | 15.64 | 15.31 | 8.66 | 18.07 | 10.53 | 7.70 | 6.56 | 1.01 | 0.45 | 0.35 |
| LOW | 0.52 | 0.49 | 0.91 | 1.68 | 1.26 | 1.33 | 1.95 | 1.13 | 0.72 | 0.44 | 0.31 | 0.27 |
| AC-FT | 22.66 | 111.39 | 199.98 | 221.77 | 170.17 | 241.06 | 207.39 | 130.04 | 111.82 | 35.01 | 24.02 | 13.06 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 2.34 |
| PERIOD TOTAL MAX: | 14.04 |
| PERIOD TOTAL MIN: | 0.10 |
| PERIOD TOTAL AC-FT: | 1488.38 |
| PERIOD TOTAL PEAK: | 26.10 |
| PERIOD TOTAL LOW: | 0.27 |

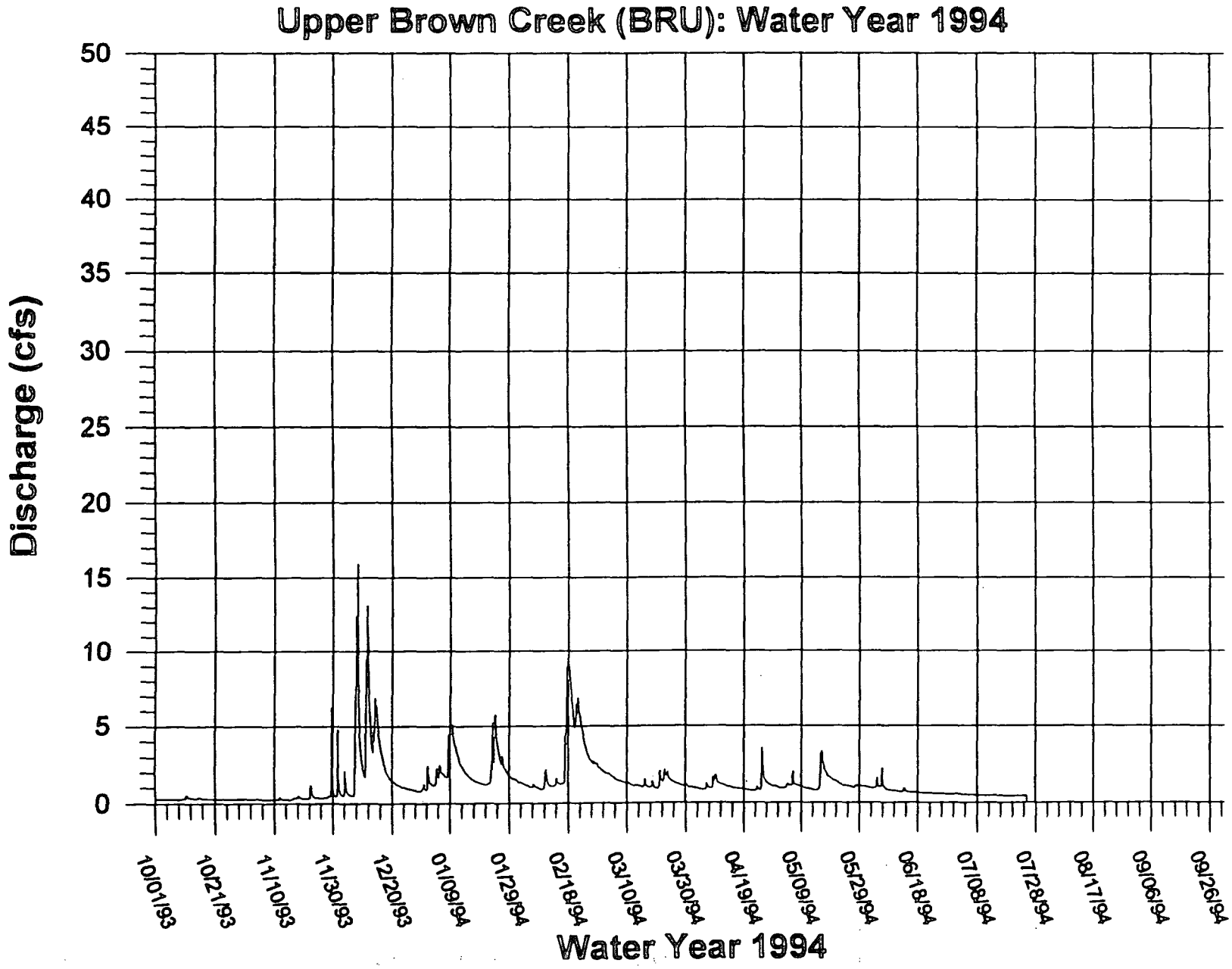

Upper Brown Creek (BRU): Water Year 1993
Discharge (cfs)
50
45
40
35
30
25
20
15
10
5
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1993

# Upper Brown Creek (BRU) WY94: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.29 | 0.27 | 1.77 | 1.61 | 1.30 | 2.16 | 1.01 | 0.97 | 0.95 | 0.54 | --- | --- |
| 2 | --- | 0.26 | 0.72 | 1.24 | 1.32 | 2.02 | 0.95 | 0.90 | 0.95 | 0.54 | --- | --- |
| 3 | --- | 0.27 | 0.59 | 1.15 | 1.21 | 1.89 | 0.92 | 0.98 | 0.92 | 0.50 | --- | --- |
| 4 | --- | 0.28 | 1.07 | 1.72 | 1.13 | 1.77 | 0.85 | 1.14 | 1.16 | 0.51 | --- | --- |
| 5 | --- | 0.26 | 0.56 | 2.05 | 1.01 | 1.65 | 0.84 | 1.12 | 1.25 | 0.50 | --- | --- |
| 6 | --- | 0.26 | 0.49 | 1.92 | 1.12 | 1.54 | 1.04 | 1.29 | 0.99 | 0.49 | --- | --- |
| 7 | 0.29 | 0.26 | 4.37 | 1.77 | 1.01 | 1.44 | 0.94 | 1.14 | 0.84 | 0.48 | --- | --- |
| 8 | 0.26 | 0.25 | 8.51 | 3.22 | 0.89 | 1.34 | 1.29 | 1.06 | 0.78 | 0.46 | --- | --- |
| 9 | 0.27 | 0.24 | 3.08 | 4.74 | 0.97 | 1.34 | 1.57 | 0.99 | 0.78 | 0.47 | --- | --- |
| 10 | 0.31 | 0.26 | 1.89 | 3.91 | 1.66 | 1.27 | 1.27 | 0.92 | 0.73 | 0.45 | --- | --- |
| 11 | 0.46 | 0.30 | 8.92 | 3.10 | 1.19 | 1.17 | 1.17 | 0.90 | 0.72 | 0.46 | --- | --- |
| 12 | 0.36 | 0.28 | 5.45 | 2.48 | 1.09 | 1.08 | 1.08 | 0.87 | 0.68 | 0.46 | --- | --- |
| 13 | 0.33 | 0.25 | 3.80 | 2.16 | 1.18 | 1.12 | 1.01 | 0.81 | 0.80 | 0.46 | --- | --- |
| 14 | 0.33 | 0.24 | 5.90 | 1.90 | 1.35 | 1.10 | 1.03 | 0.79 | 0.68 | 0.45 | --- | --- |
| 15 | 0.37 | 0.25 | 4.29 | 1.66 | 1.21 | 1.08 | 0.94 | 1.81 | 0.63 | 0.44 | --- | --- |
| 16 | 0.33 | 0.34 | 3.02 | 1.52 | 1.60 | 1.19 | 0.92 | 2.60 | 0.63 | 0.44 | --- | --- |
| 17 | 0.29 | 0.37 | 2.26 | 1.42 | 6.89 | 0.97 | 0.87 | 1.93 | 0.63 | 0.43 | --- | --- |
| 18 | 0.28 | 0.39 | 1.80 | 1.32 | 8.34 | 1.13 | 0.87 | 1.71 | 0.61 | 0.42 | --- | --- |
| 19 | 0.28 | 0.34 | 1.55 | 1.23 | 6.17 | 0.97 | 0.81 | 1.51 | 0.61 | 0.39 | --- | --- |
| 20 | 0.28 | 0.33 | 1.34 | 1.23 | 5.39 | 0.97 | 0.81 | 1.39 | 0.58 | 0.43 | --- | --- |
| 21 | 0.27 | 0.33 | 1.25 | 1.18 | 6.08 | 1.55 | 0.79 | 1.29 | 0.60 | 0.41 | --- | --- |
| 22 | 0.29 | 0.77 | 1.09 | 1.46 | 4.88 | 1.65 | 0.75 | 1.21 | 0.61 | 0.42 | --- | --- |
| 23 | 0.27 | 0.41 | 1.01 | 3.53 | 3.90 | 1.82 | 0.87 | 1.12 | 0.58 | 0.42 | --- | --- |
| 24 | 0.29 | 0.37 | 1.05 | 4.73 | 3.19 | 1.54 | 0.81 | 1.10 | 0.58 | 0.43 | --- | --- |
| 25 | 0.29 | 0.35 | 0.94 | 3.20 | 2.86 | 1.42 | 2.10 | 1.04 | 0.54 | 0.00 | --- | --- |
| 26 | 0.29 | 0.34 | 0.87 | 2.65 | 2.60 | 1.32 | 1.43 | 0.97 | 0.54 | --- | --- | --- |
| 27 | 0.28 | 0.35 | 0.81 | 2.23 | 2.51 | 1.23 | 1.21 | 1.07 | 0.54 | --- | --- | --- |
| 28 | 0.28 | 0.43 | 0.82 | 1.85 | 2.31 | 1.14 | 1.12 | 1.08 | 0.53 | --- | --- | --- |
| 29 | 0.29 | 1.71 | 0.79 | 1.69 | --- | 1.06 | 1.04 | 1.06 | 0.53 | --- | --- | --- |
| 30 | 0.30 | 0.50 | 0.99 | 1.57 | --- | 1.10 | 1.08 | 1.03 | 0.53 | --- | --- | --- |
| 31 | 0.29 | --- | 0.89 | 1.49 | --- | 0.99 | --- | 1.03 | --- | --- | --- | |
| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| TOTAL | 7.86 | 11.26 | 71.88 | 66.91 | 74.32 | 42.04 | 31.38 | 36.85 | 21.50 | 10.97 | --- | --- |
| MEAN | 0.30 | 0.38 | 2.32 | 2.16 | 2.65 | 1.36 | 1.05 | 1.19 | 0.72 | 0.44 | --- | --- |
| MAX | 0.46 | 1.71 | 8.92 | 4.74 | 8.34 | 2.16 | 2.10 | 2.60 | 1.25 | 0.54 | --- | --- |
| MIN | 0.26 | 0.24 | 0.49 | 1.15 | 0.89 | 0.97 | 0.75 | 0.79 | 0.53 | 0.00 | --- | --- |
| PEAK | 0.55 | 6.23 | 15.92 | 5.72 | 8.96 | 2.24 | 3.51 | 3.29 | 2.23 | 0.54 | --- | --- |
| LOW | 0.25 | 0.23 | 0.43 | 0.84 | 0.86 | 0.89 | 0.74 | 0.79 | 0.53 | 0.39 | --- | --- |
| AC-FT | 15.59 | 22.34 | 142.57 | 132.72 | 147.41 | 83.38 | 62.25 | 73.09 | 42.63 | 21.77 | --- | --- |

PERIOD TOTAL MEAN: 1.28
PERIOD TOTAL MAX: 8.92
PERIOD TOTAL MIN: 0.00
PERIOD TOTAL AC-FT: 743.75

PERIOD TOTAL PEAK: 15.92
PERIOD TOTAL LOW: 0.23

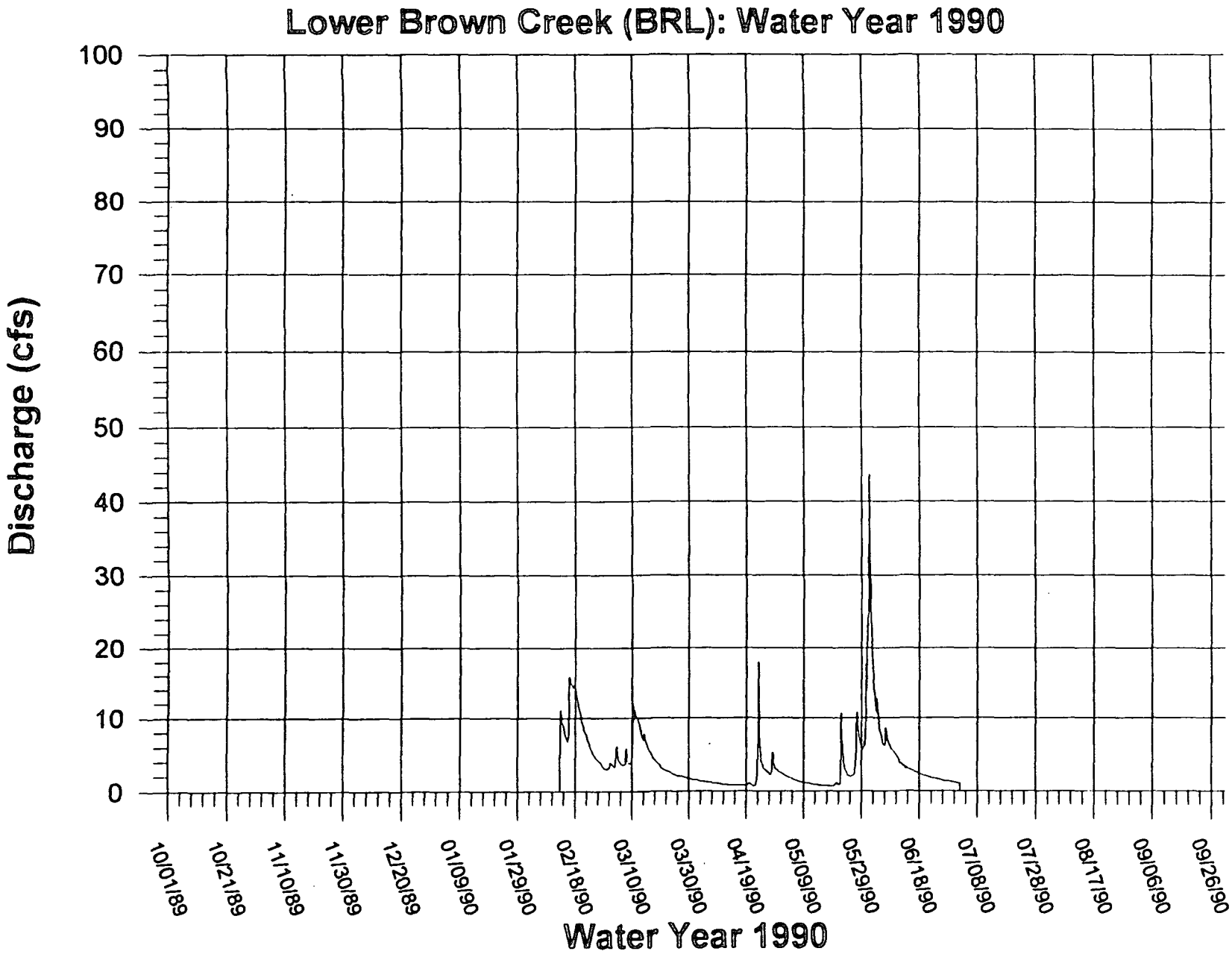

Upper Brown Creek (BRU): Water Year 1994
Discharge (cfs)
50
45
40
35
30
25
20
15
10
5
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1994

# Lower Brown Creek (BRL) WY90: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 3.05 | 1.47 | 2.28 | 22.72 | 1.06 | --- | --- |
| 2 | --- | --- | --- | --- | --- | 3.58 | 1.34 | 2.11 | 13.71 | 0.00 | --- | --- |
| 3 | --- | --- | --- | --- | --- | 3.31 | 1.33 | 1.96 | 10.85 | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | 4.85 | 1.22 | 1.71 | 8.00 | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | 4.03 | 1.21 | 1.51 | 6.25 | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | 3.51 | 1.20 | 1.51 | 7.27 | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | 3.99 | 1.11 | 1.34 | 6.35 | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | 4.11 | 1.13 | 1.24 | 5.61 | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | 3.89 | 1.03 | 1.14 | 5.05 | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | 10.17 | 0.98 | 1.04 | 4.42 | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | 9.94 | 0.90 | 1.03 | 3.79 | --- | --- | --- |
| 12 | --- | --- | --- | --- | 3.72 | 8.91 | 0.94 | 0.93 | 3.48 | --- | --- | --- |
| 13 | --- | --- | --- | --- | 9.17 | 7.19 | 0.87 | 0.86 | 3.10 | --- | --- | --- |
| 14 | --- | --- | --- | --- | 7.54 | 6.97 | 0.80 | 0.82 | 2.89 | --- | --- | --- |
| 15 | --- | --- | --- | --- | 8.82 | 5.76 | 0.77 | 0.73 | 2.71 | --- | --- | --- |
| 16 | --- | --- | --- | --- | 14.76 | 4.98 | 0.81 | 0.74 | 2.69 | --- | --- | --- |
| 17 | --- | --- | --- | --- | 14.53 | 4.33 | 0.80 | 0.66 | 2.51 | --- | --- | --- |
| 18 | --- | --- | --- | --- | 12.82 | 3.99 | 0.71 | 0.67 | 2.34 | --- | --- | --- |
| 19 | --- | --- | --- | --- | 10.81 | 3.46 | 0.88 | 0.78 | 2.16 | --- | --- | --- |
| 20 | --- | --- | --- | --- | 9.10 | 3.11 | 0.89 | 1.03 | 2.00 | --- | --- | --- |
| 21 | --- | --- | --- | --- | 7.80 | 2.89 | 0.71 | 1.98 | 1.85 | --- | --- | --- |
| 22 | --- | --- | --- | --- | 6.69 | 2.71 | 1.68 | 6.02 | 1.75 | --- | --- | --- |
| 23 | --- | --- | --- | --- | 5.64 | 2.51 | 8.70 | 2.83 | 1.70 | --- | --- | --- |
| 24 | --- | --- | --- | --- | 4.82 | 2.34 | 3.66 | 2.17 | 1.56 | --- | --- | --- |
| 25 | --- | --- | --- | --- | 4.32 | 2.16 | 2.83 | 1.99 | 1.42 | --- | --- | --- |
| 26 | --- | --- | --- | --- | 4.00 | 2.00 | 2.53 | 2.45 | 1.42 | --- | --- | --- |
| 27 | --- | --- | --- | --- | 3.34 | 2.03 | 2.35 | 8.13 | 1.30 | --- | --- | --- |
| 28 | --- | --- | --- | --- | 3.05 | 1.89 | 3.87 | 6.64 | 1.28 | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | 1.74 | 2.84 | 5.79 | 1.16 | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | 1.60 | 2.63 | 11.40 | 1.20 | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | 1.59 | --- | 28.70 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | --- | --- | --- | --- | 130.97 | 126.58 | 52.19 | 102.18 | 132.56 | 1.06 | --- | --- |
| MEAN | --- | --- | --- | --- | 7.70 | 4.08 | 1.74 | 3.30 | 4.42 | 0.53 | --- | --- |
| MAX | --- | --- | --- | --- | 14.76 | 10.17 | 8.70 | 28.70 | 22.72 | 1.06 | --- | --- |
| MIN | --- | --- | --- | --- | 3.05 | 1.59 | 0.71 | 0.66 | 1.16 | 0.00 | --- | --- |
| PEAK | --- | --- | --- | --- | 15.79 | 11.97 | 18.01 | 43.64 | 31.64 | 1.12 | --- | --- |
| LOW | --- | --- | --- | --- | 3.05 | 1.59 | 0.69 | 0.64 | 1.16 | 1.05 | --- | --- |
| AC-FT | --- | --- | --- | --- | 259.78 | 251.07 | 103.52 | 202.67 | 262.92 | 2.10 | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 3.87 |
| PERIOD TOTAL MAX: | 28.70 |
| PERIOD TOTAL MIN: | 0.00 |
| PERIOD TOTAL AC-FT: | 1082.06 |
| PERIOD TOTAL PEAK: | 43.64 |
| PERIOD TOTAL LOW: | 0.64 |

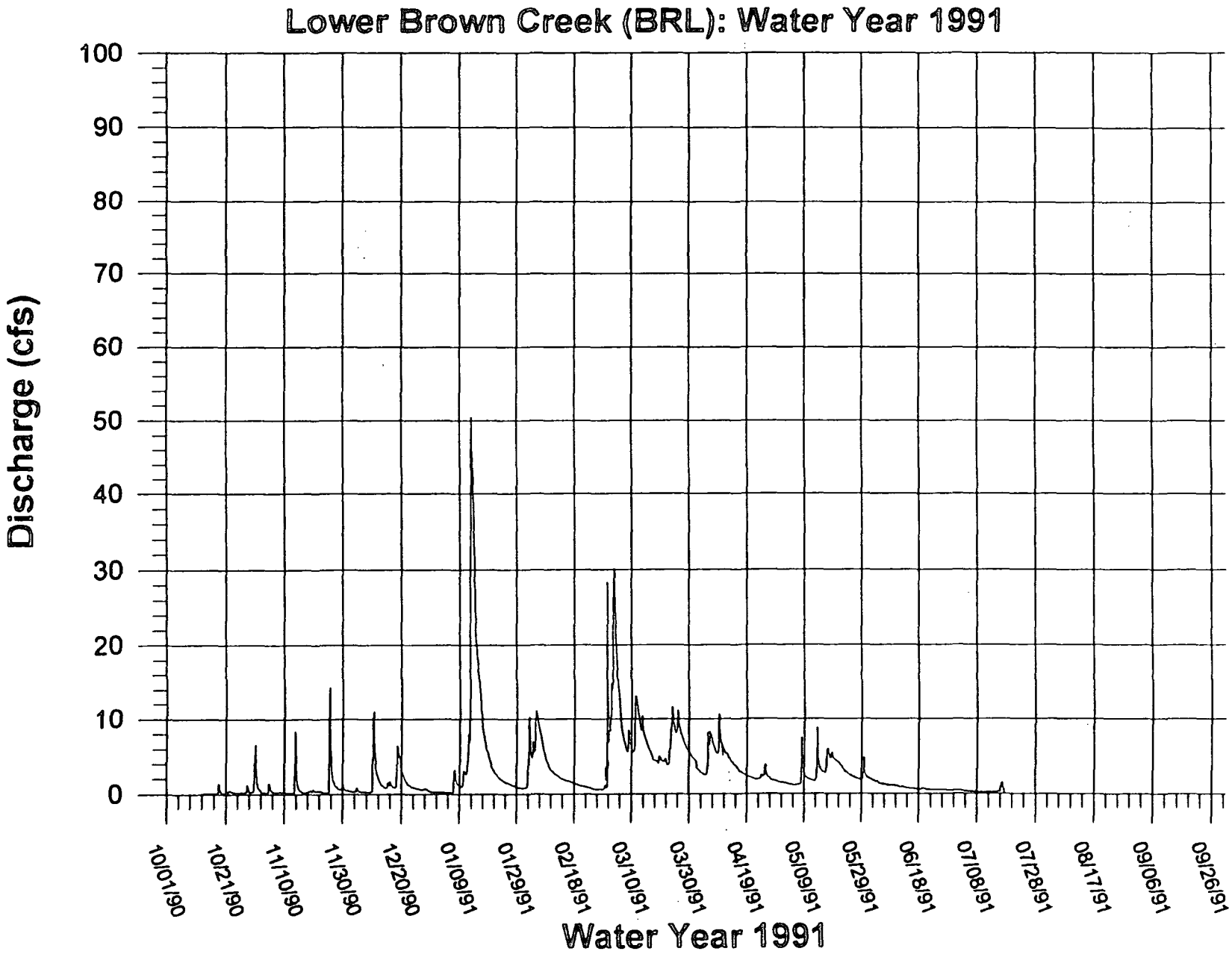

Lower Brown Creek (BRL): Water Year 1990
Discharge (cfs)
100
90
80
70
60
50
40
30
20
10
0
10/01/89
10/21/89
11/10/89
11/30/89
12/20/89
01/09/90
01/29/90
02/18/90
03/10/90
03/30/90
04/19/90
05/09/90
05/29/90
06/18/90
07/08/90
07/28/90
08/17/90
09/06/90
09/26/90
Water Year 1990

# Lower Brown Creek (BRL) WY91: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 0.64 | 0.50 | 0.23 | 1.10 | 5.60 | 3.80 | 1.47 | 1.91 | 0.45 | --- | --- |
| 2 | --- | 0.23 | 0.41 | 0.23 | 6.41 | 9.00 | 3.06 | 1.43 | 1.75 | 0.40 | --- | --- |
| 3 | --- | 0.20 | 0.30 | 0.23 | 5.48 | 19.28 | 2.71 | 1.34 | 1.62 | 0.39 | --- | --- |
| 4 | --- | 0.52 | 0.51 | 0.19 | 8.38 | 23.36 | 2.51 | 1.22 | 1.32 | 0.35 | --- | --- |
| 5 | --- | 0.62 | 0.42 | 0.19 | --- | 14.04 | 5.64 | 1.11 | 1.25 | 0.31 | --- | --- |
| 6 | --- | 0.25 | 0.29 | 0.33 | 7.18 | 9.35 | 7.56 | 1.22 | 1.23 | 0.30 | --- | --- |
| 7 | --- | 0.24 | 0.28 | 2.21 | 5.45 | 6.86 | 6.22 | 1.55 | 1.13 | 0.26 | --- | --- |
| 8 | --- | 0.28 | 0.24 | 1.26 | 4.20 | 5.89 | 5.40 | 4.01 | 1.11 | 0.25 | --- | --- |
| 9 | --- | 0.24 | 0.34 | 1.00 | 3.40 | 6.94 | 7.77 | 2.22 | 1.11 | 0.25 | --- | --- |
| 10 | --- | 0.21 | 6.79 | 2.30 | 2.93 | 5.71 | 6.23 | 1.96 | 1.03 | 0.25 | --- | --- |
| 11 | --- | 0.19 | 2.72 | 3.32 | 2.63 | 11.54 | 5.40 | 1.80 | 0.86 | 0.22 | --- | --- |
| 12 | 0.01 | 0.16 | 1.60 | 18.01 | 2.28 | 9.96 | 4.83 | 1.64 | 0.90 | 0.23 | --- | --- |
| 13 | 0.09 | 3.14 | 1.04 | 42.24 | 2.00 | 9.08 | 4.29 | 3.92 | 0.83 | 0.20 | --- | --- |
| 14 | 0.10 | 1.47 | 0.83 | 24.32 | 1.80 | 7.43 | 3.79 | 3.46 | 0.73 | 0.22 | --- | --- |
| 15 | 0.13 | 0.42 | 1.23 | 16.33 | 1.78 | 6.28 | 3.40 | 2.91 | 0.67 | 0.31 | --- | --- |
| 16 | 0.16 | 0.24 | 1.19 | 11.07 | 1.66 | 5.34 | 2.93 | 3.28 | 0.64 | 1.05 | --- | --- |
| 17 | 0.11 | 0.22 | 0.90 | 7.61 | 1.45 | 4.46 | 2.71 | 5.36 | 0.59 | 0.19 | --- | --- |
| 18 | 0.62 | 0.37 | 3.82 | 5.68 | 1.37 | 4.26 | 2.51 | 4.95 | 0.57 | --- | --- | --- |
| 19 | 0.26 | 0.45 | 4.32 | 4.41 | 1.15 | 4.52 | 2.34 | 4.47 | 0.72 | --- | --- | --- |
| 20 | 0.13 | 0.44 | 2.57 | 3.38 | 1.04 | 4.44 | 2.16 | 4.15 | 0.56 | --- | --- | --- |
| 21 | 0.21 | 0.41 | 1.61 | 2.71 | 1.03 | 4.41 | 2.00 | 3.76 | 0.55 | --- | --- | --- |
| 22 | 0.43 | 0.31 | 1.17 | 2.29 | 0.93 | 3.92 | 1.93 | 3.30 | 0.51 | --- | --- | --- |
| 23 | 0.29 | 0.22 | 0.94 | 1.96 | 0.83 | 7.32 | 1.99 | 2.88 | 0.51 | --- | --- | --- |
| 24 | 0.21 | 0.16 | 0.83 | 1.67 | 0.74 | 9.66 | 2.25 | 2.63 | 0.53 | --- | --- | --- |
| 25 | 0.20 | 5.49 | 0.74 | 1.51 | 0.66 | 8.55 | 2.91 | 2.30 | 0.49 | --- | --- | --- |
| 26 | 0.24 | 2.18 | 0.66 | 1.39 | 0.58 | 9.08 | 2.24 | 2.15 | 0.49 | --- | --- | --- |
| 27 | 0.24 | 1.06 | 0.58 | 1.15 | 0.61 | 7.55 | 1.79 | 2.02 | 0.47 | --- | --- | --- |
| 28 | 0.72 | 0.68 | 0.65 | 1.04 | 0.80 | 6.52 | 1.77 | 1.82 | 0.45 | --- | --- | --- |
| 29 | 0.26 | 0.74 | 0.40 | 0.93 | --- | 5.75 | 1.60 | 2.66 | 0.43 | --- | --- | --- |
| 30 | 1.25 | 0.72 | 0.32 | 0.83 | --- | 5.17 | 1.59 | 2.57 | 0.43 | --- | --- | --- |
| 31 | 3.09 | --- | 0.27 | 0.79 | --- | 4.64 | --- | 2.06 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 8.73 | 22.51 | 38.50 | 160.79 | 67.86 | 245.92 | 105.30 | 81.61 | 25.40 | 5.63 | --- | --- |
| MEAN | 0.44 | 0.75 | 1.24 | 5.19 | 2.51 | 7.93 | 3.51 | 2.63 | 0.85 | 0.33 | --- | --- |
| MAX | 3.09 | 5.49 | 6.79 | 42.24 | 8.38 | 23.36 | 7.77 | 5.36 | 1.91 | 1.05 | --- | --- |
| MIN | 0.01 | 0.16 | 0.24 | 0.19 | 0.58 | 3.92 | 1.59 | 1.11 | 0.43 | 0.19 | --- | --- |
| PEAK | 6.58 | 14.28 | 11.02 | 50.53 | 11.06 | 30.15 | 10.60 | 8.76 | 2.00 | 1.51 | --- | --- |
| LOW | 0.02 | 0.14 | 0.24 | 0.15 | 0.58 | 0.84 | 1.59 | 1.09 | 0.37 | 0.19 | --- | --- |
| AC-FT | 17.31 | 44.64 | 76.36 | 318.92 | 134.60 | 487.78 | 208.86 | 161.86 | 50.38 | 11.16 | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 2.74 |
| PERIOD TOTAL MAX: | 42.24 |
| PERIOD TOTAL MIN: | 0.01 |
| PERIOD TOTAL AC-FT: | 1511.88 |
| PERIOD TOTAL PEAK: | 50.53 |
| PERIOD TOTAL LOW: | 0.02 |

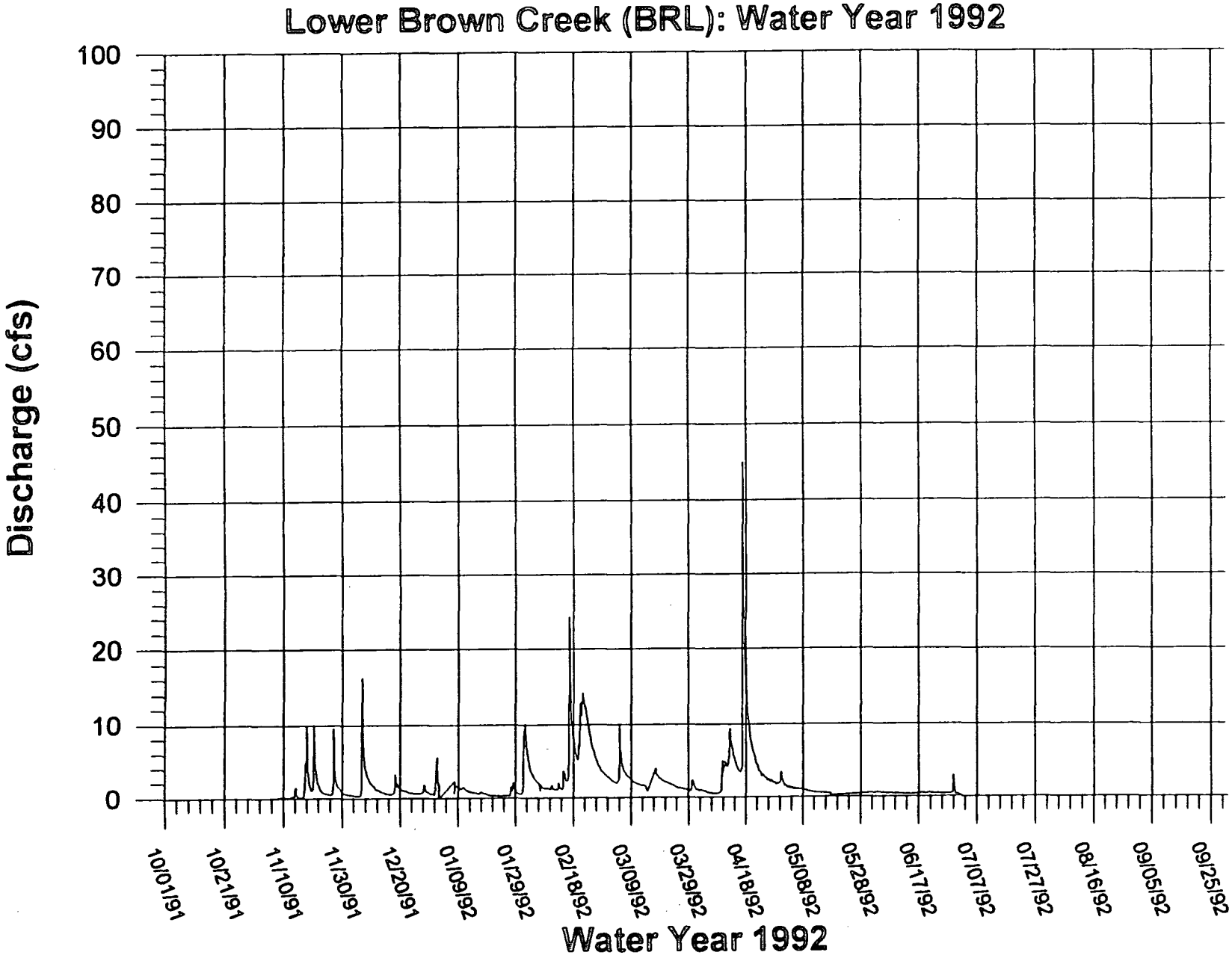

Lower Brown Creek (BRL): Water Year 1991
Discharge (cfs)
100
90
80
70
60
50
40
30
20
10
0
10/01/90
10/21/90
11/10/90
11/30/90
12/20/90
01/09/91
01/29/91
02/18/91
03/10/91
03/30/91
04/19/91
05/09/91
05/29/91
06/18/91
07/08/91
07/28/91
08/17/91
09/06/91
09/26/91
Water Year 1991

# Lower Brown Creek (BRL) WY92: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 0.55 | 5.09 | 7.98 | 2.60 | 0.95 | 1.63 | --- | 0.13 | --- | --- |
| 2 | --- | --- | 0.49 | 0.84 | 4.86 | 2.21 | 0.99 | 1.39 | --- | 0.00 | --- | --- |
| 3 | --- | --- | 0.42 | 0.09 | 3.35 | 2.00 | 0.86 | 1.25 | 0.56 | --- | --- | --- |
| 4 | --- | --- | 0.36 | --- | 2.54 | 2.82 | 0.67 | 1.14 | 0.52 | --- | --- | --- |
| 5 | --- | 0.03 | 0.34 | --- | 2.04 | 5.84 | 0.57 | 1.06 | 0.50 | --- | --- | --- |
| 6 | --- | 0.07 | 5.54 | --- | 1.36 | 3.56 | 0.51 | 1.13 | 0.46 | --- | --- | --- |
| 7 | --- | 0.06 | 5.06 | 2.11 | 1.28 | 3.01 | 0.47 | 1.02 | 0.51 | --- | --- | --- |
| 8 | --- | 0.11 | 2.86 | 1.48 | 1.22 | 2.61 | 0.60 | 0.92 | 0.45 | --- | --- | --- |
| 9 | --- | 0.11 | 2.09 | 1.24 | 1.14 | 2.15 | 2.54 | 0.82 | 0.45 | --- | --- | --- |
| 10 | --- | 0.09 | 1.61 | 1.37 | 1.40 | 1.90 | 4.38 | 0.73 | 0.43 | --- | --- | --- |
| 11 | --- | 0.08 | 1.22 | 1.16 | 1.07 | 1.75 | 4.45 | 0.65 | 0.44 | --- | --- | --- |
| 12 | --- | 0.16 | 0.99 | 0.93 | 1.33 | 1.59 | 7.56 | 0.63 | 0.39 | --- | --- | --- |
| 13 | --- | 0.29 | 0.86 | 0.83 | 1.24 | 1.66 | 5.77 | 0.57 | 0.39 | --- | --- | --- |
| 14 | --- | 0.54 | 0.69 | 0.74 | 2.42 | 0.99 | 4.44 | 0.54 | 0.39 | --- | --- | --- |
| 15 | --- | 0.12 | 0.60 | 0.62 | 2.27 | --- | 3.60 | 0.54 | 0.39 | --- | --- | --- |
| 16 | --- | 0.18 | 0.53 | 0.67 | 11.42 | --- | 10.98 | 0.51 | 0.47 | --- | --- | --- |
| 17 | --- | 4.58 | 0.66 | 0.67 | 9.71 | 3.65 | 20.40 | 0.40 | 0.47 | --- | --- | --- |
| 18 | --- | 2.65 | 1.94 | 0.51 | 6.58 | 2.69 | 12.50 | --- | 0.45 | --- | --- | --- |
| 19 | --- | 1.17 | 1.45 | 0.42 | 5.59 | 2.33 | 8.49 | --- | 0.41 | --- | --- | --- |
| 20 | --- | 5.58 | 1.11 | 0.36 | 10.47 | 2.10 | 6.27 | --- | 0.49 | --- | --- | --- |
| 21 | --- | 2.22 | 1.00 | 0.34 | 13.05 | 1.94 | 4.83 | --- | 0.45 | --- | --- | --- |
| 22 | --- | 1.18 | 0.82 | 0.30 | 11.56 | 1.80 | 3.85 | --- | 0.38 | --- | --- | --- |
| 23 | --- | 0.76 | 0.71 | 0.28 | 9.02 | 1.66 | 3.15 | --- | 0.46 | --- | --- | --- |
| 24 | --- | 0.58 | 0.63 | 0.29 | 6.98 | 1.42 | 2.77 | --- | 0.38 | --- | --- | --- |
| 25 | --- | 0.49 | 0.64 | 0.36 | 5.57 | 1.25 | 2.39 | --- | 0.36 | --- | --- | --- |
| 26 | --- | 1.77 | 0.63 | 0.30 | 4.50 | 1.27 | 2.18 | --- | 0.42 | --- | --- | --- |
| 27 | --- | 2.91 | 0.74 | 0.96 | 3.83 | 1.06 | 2.01 | --- | 0.40 | --- | --- | --- |
| 28 | --- | 1.42 | 1.24 | 1.37 | 3.32 | 1.07 | 1.81 | --- | 0.92 | --- | --- | --- |
| 29 | --- | 1.01 | 0.78 | 0.67 | 2.89 | 0.85 | 1.83 | --- | 0.81 | --- | --- | --- |
| 30 | --- | 0.65 | 0.66 | 0.55 | --- | 1.84 | 2.54 | --- | 0.27 | --- | --- | --- |
| 31 | --- | --- | 0.51 | 3.41 | --- | 1.16 | --- | --- | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | --- | 28.80 | 37.73 | 27.97 | 139.99 | 60.77 | 124.37 | 14.94 | 12.99 | 0.13 | --- | --- |
| MEAN | --- | 1.11 | 1.22 | 1.00 | 4.83 | 2.10 | 4.15 | 0.88 | 0.46 | 0.07 | --- | --- |
| MAX | --- | 5.58 | 5.54 | 5.09 | 13.05 | 5.84 | 20.40 | 1.63 | 0.92 | 0.13 | --- | --- |
| MIN | --- | 0.03 | 0.34 | 0.09 | 1.07 | 0.85 | 0.47 | 0.40 | 0.27 | 0.00 | --- | --- |
| PEAK | --- | 10.03 | 16.29 | 9.13 | 24.25 | 10.03 | 45.01 | 1.94 | 2.86 | 0.19 | --- | --- |
| LOW | --- | 0.05 | 0.30 | 0.09 | 0.83 | 0.79 | 0.44 | 0.16 | 0.20 | 0.12 | --- | --- |
| AC-FT | --- | 57.13 | 74.83 | 55.48 | 277.66 | 120.54 | 246.68 | 29.64 | 25.76 | 0.26 | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 2.03 |
| PERIOD TOTAL MAX: | 20.40 |
| PERIOD TOTAL MIN: | 0.00 |
| PERIOD TOTAL AC-FT: | 887.98 |
| PERIOD TOTAL PEAK: | 45.01 |
| PERIOD TOTAL LOW: | 0.05 |

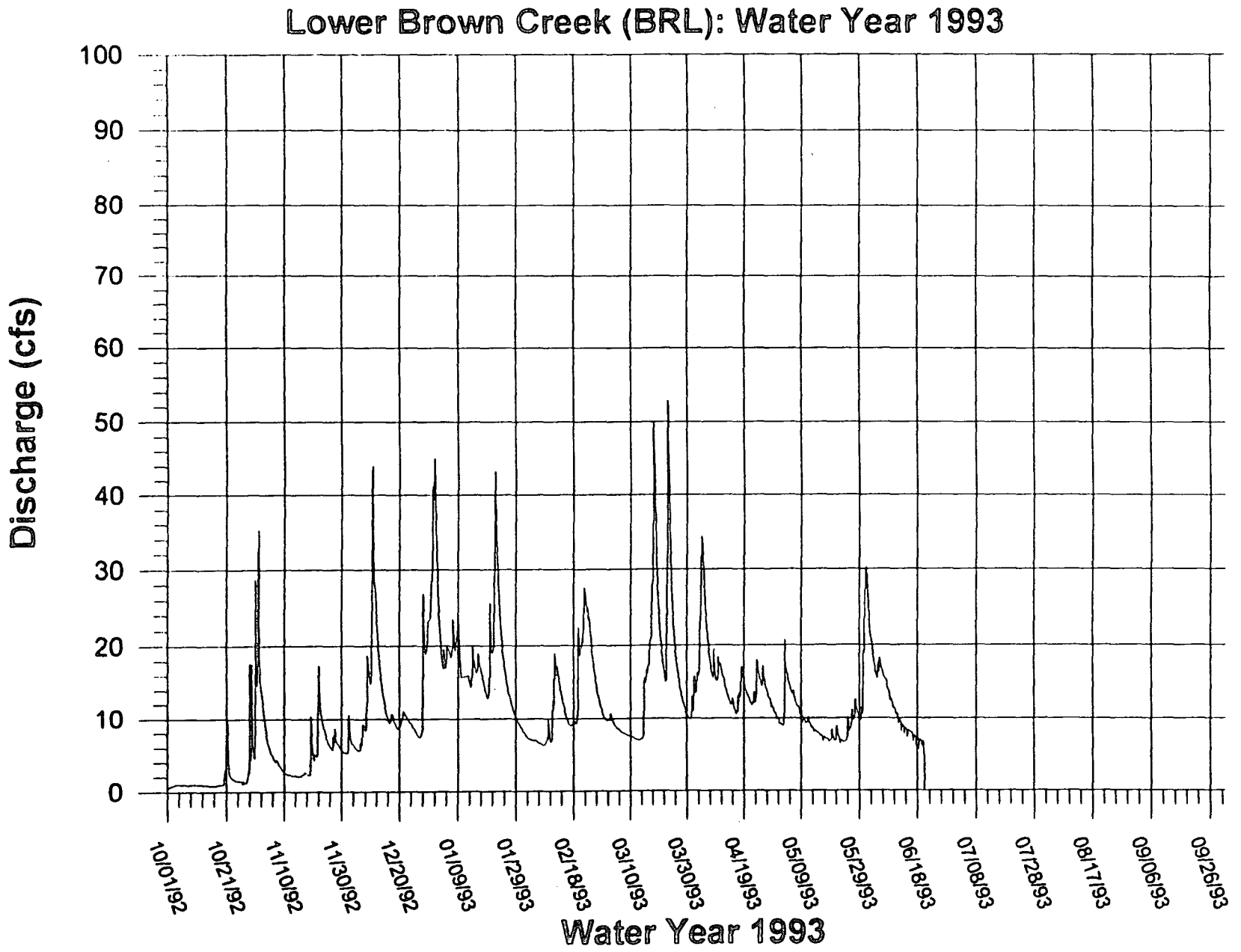

Lower Brown Creek (BRL): Water Year 1992
Discharge (cfs)
100
90
80
70
60
50
40
30
20
10
0
10/01/91
10/21/91
11/10/91
11/30/91
12/20/91
01/09/92
01/29/92
02/18/92
03/09/92
03/29/92
04/18/92
05/08/92
05/28/92
06/17/92
07/07/92
07/27/92
08/16/92
09/05/92
09/25/92
Water Year 1992

# Lower Brown Creek (BRL) WY93: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.60 | 18.98 | 5.29 | 34.96 | 7.49 | 9.72 | 13.74 | 9.35 | 23.13 | --- | --- | --- |
| 2 | --- | --- | 7.87 | 23.84 | 7.15 | 9.99 | 14.79 | 8.94 | 19.49 | --- | --- | --- |
| 3 | --- | 8.23 | 6.55 | 17.96 | 7.05 | 9.88 | 21.22 | 15.65 | 16.39 | --- | --- | --- |
| 4 | 1.04 | 6.33 | 5.96 | 17.87 | 6.94 | 8.95 | 31.93 | 15.16 | 16.76 | --- | --- | --- |
| 5 | 1.02 | 5.10 | 5.60 | 19.49 | 6.79 | 8.56 | 25.03 | 13.79 | 16.96 | --- | --- | --- |
| 6 | 1.01 | 4.31 | 6.44 | 18.84 | 6.54 | 8.28 | 19.94 | 13.11 | 15.74 | --- | --- | --- |
| 7 | 0.95 | 4.08 | 8.84 | 20.92 | 6.30 | 8.00 | 16.64 | 11.75 | 14.44 | --- | --- | --- |
| 8 | 0.87 | 3.36 | 12.77 | 20.99 | 6.84 | 7.70 | 16.56 | 10.85 | 13.07 | --- | --- | --- |
| 9 | 0.95 | 2.81 | 15.65 | 20.04 | 7.92 | 7.60 | 15.87 | 10.00 | 11.76 | --- | --- | --- |
| 10 | 0.96 | 2.45 | 31.05 | --- | 8.45 | 7.44 | 17.37 | 9.39 | 10.72 | --- | --- | --- |
| 11 | 0.96 | 2.30 | 26.86 | --- | 15.82 | 7.15 | 15.86 | 9.66 | 9.89 | --- | --- | --- |
| 12 | 0.93 | 2.27 | 20.26 | 15.76 | 16.38 | 7.10 | 14.32 | 8.83 | 9.10 | --- | --- | --- |
| 13 | 0.92 | 2.15 | 15.65 | 14.95 | 14.01 | 7.12 | 12.79 | 8.31 | 8.49 | --- | --- | --- |
| 14 | 0.92 | 2.19 | 12.70 | 17.89 | 11.93 | 9.51 | 12.10 | 8.03 | 8.00 | --- | --- | --- |
| 15 | 0.86 | 2.11 | 10.63 | 16.72 | 10.38 | 15.72 | 11.66 | 7.59 | 8.06 | --- | --- | --- |
| 16 | 0.85 | 2.28 | 9.60 | 17.72 | 9.25 | 18.17 | 11.11 | 7.19 | 7.49 | --- | --- | --- |
| 17 | 0.86 | 2.54 | 10.39 | 15.73 | 9.16 | 25.41 | 13.23 | 7.07 | 6.99 | --- | --- | --- |
| 18 | 0.95 | 2.28 | 9.28 | 13.95 | 9.44 | 42.64 | 16.05 | 6.81 | 6.67 | --- | --- | --- |
| 19 | 0.90 | 6.19 | 8.56 | 13.38 | 14.88 | 28.99 | 14.30 | 7.47 | 6.66 | --- | --- | --- |
| 20 | 2.57 | 4.75 | 9.55 | 19.43 | 19.64 | 22.00 | 12.94 | 6.94 | 2.78 | --- | --- | --- |
| 21 | 6.31 | 8.36 | 10.71 | 25.44 | 24.06 | 17.77 | 11.91 | 7.83 | --- | --- | --- | --- |
| 22 | 2.14 | 12.11 | 10.18 | 34.49 | 25.42 | 16.90 | 12.56 | 6.90 | --- | --- | --- | --- |
| 23 | 1.66 | 8.93 | 9.54 | 24.89 | 23.14 | 42.76 | 15.57 | 6.59 | --- | --- | --- | --- |
| 24 | 1.51 | 7.51 | 8.94 | 19.24 | 19.19 | 29.36 | 15.45 | 7.01 | --- | --- | --- | --- |
| 25 | 1.49 | 6.49 | 8.12 | 15.81 | 15.85 | 21.50 | 15.30 | 8.76 | --- | --- | --- | --- |
| 26 | 1.12 | 5.79 | 7.47 | 13.49 | 13.36 | 17.20 | 14.40 | 9.72 | --- | --- | --- | --- |
| 27 | 1.22 | 7.38 | 8.40 | 11.82 | 11.61 | 14.42 | 13.11 | 10.99 | --- | --- | --- | --- |
| 28 | 3.80 | 6.57 | 20.31 | 10.65 | 10.43 | 12.32 | 12.00 | 10.72 | --- | --- | --- | --- |
| 29 | 8.99 | 5.82 | 21.09 | 9.65 | --- | 11.01 | 10.92 | 10.23 | --- | --- | --- | --- |
| 30 | 8.70 | 5.29 | 25.17 | 8.93 | --- | 10.20 | 10.20 | 18.40 | --- | --- | --- | --- |
| 31 | 20.74 | --- | 38.11 | 8.13 | --- | 10.67 | --- | 28.59 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 75.81 | 158.95 | 407.57 | 523.01 | 345.41 | 474.03 | 458.87 | 321.60 | 232.59 | --- | --- | --- |
| MEAN | 2.61 | 5.48 | 13.15 | 18.03 | 12.34 | 15.29 | 15.30 | 10.37 | 11.63 | --- | --- | --- |
| MAX | 20.74 | 18.98 | 38.11 | 34.96 | 25.42 | 42.76 | 31.93 | 28.59 | 23.13 | --- | --- | --- |
| MIN | 0.60 | 2.11 | 5.29 | 8.13 | 6.30 | 7.10 | 10.20 | 6.59 | 2.78 | --- | --- | --- |
| PEAK | 35.33 | 33.50 | 45.07 | 43.32 | 27.67 | 52.92 | 34.47 | 30.33 | 26.65 | --- | --- | --- |
| LOW | 0.60 | 2.08 | 5.27 | 8.00 | 6.30 | 6.89 | 9.77 | 6.35 | 4.37 | --- | --- | --- |
| AC-FT | 150.37 | 315.27 | 808.40 | 1037.38 | 685.12 | 940.23 | 910.15 | 637.88 | 461.33 | --- | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 11.62 |
| PERIOD TOTAL MAX: | 42.76 |
| PERIOD TOTAL MIN: | 0.60 |
| PERIOD TOTAL AC-FT: | 5946.13 |
| PERIOD TOTAL PEAK: | 52.92 |
| PERIOD TOTAL LOW: | 0.60 |

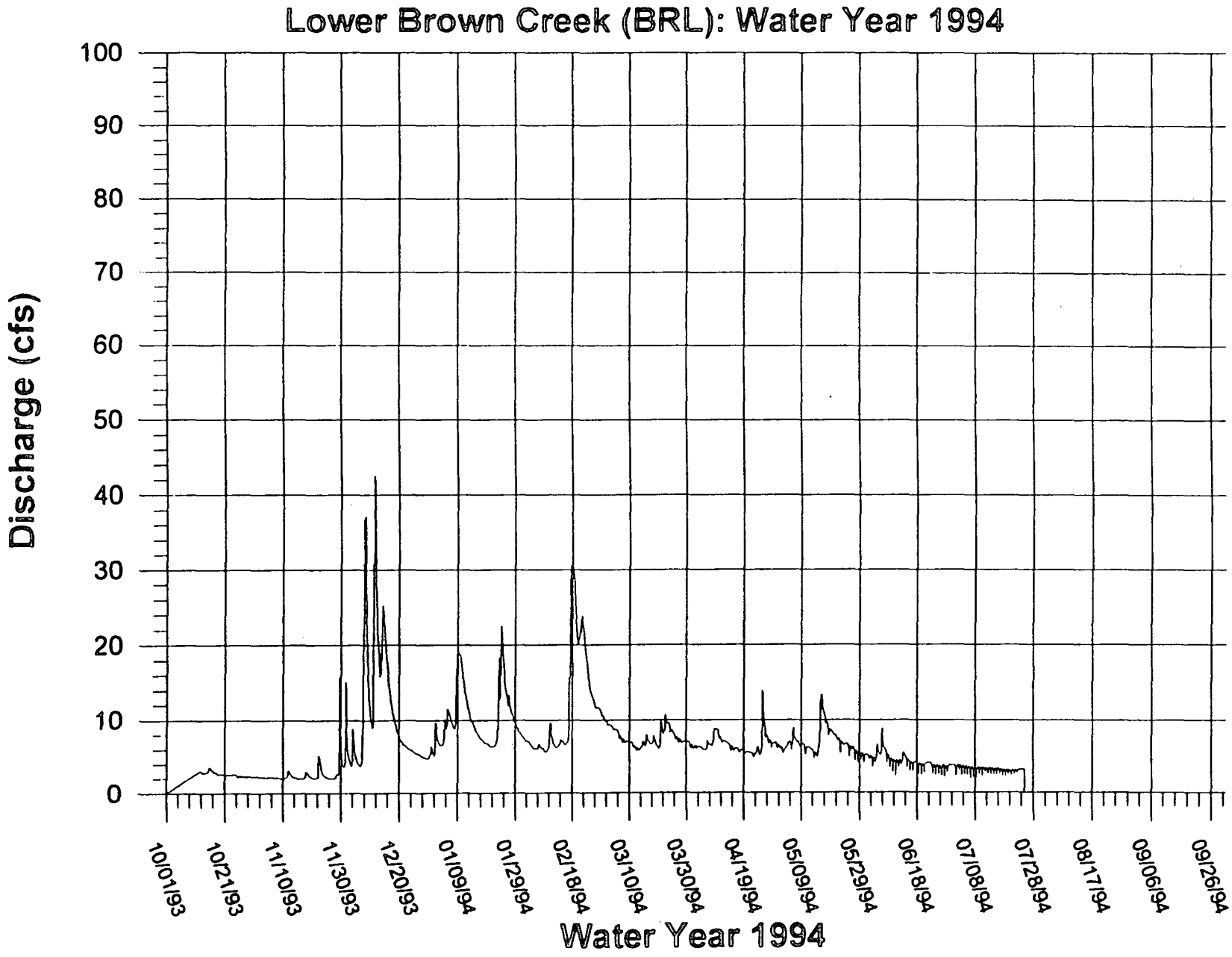

Lower Brown Creek (BRL): Water Year 1993
Discharge (cfs)
100
90
80
70
60
50
40
30
20
10
0
10/01/92
10/21/92
11/10/92
11/30/92
12/20/92
01/09/93
01/29/93
02/18/93
03/10/93
03/30/93
04/19/93
05/09/93
05/29/93
06/18/93
07/08/93
07/28/93
08/17/93
09/06/93
09/26/93
Water Year 1993

# Lower Brown Creek (BRL) WY94: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 2.32 | 7.87 | 7.85 | 7.12 | 9.86 | 6.04 | 6.04 | 4.69 | 3.19 | --- | --- |
| 2 | --- | 2.24 | 5.12 | 6.97 | 7.23 | 9.26 | 6.15 | 5.60 | 4.47 | 3.56 | --- | --- |
| 3 | --- | 2.19 | 4.17 | 6.47 | 6.57 | 9.38 | 6.35 | 6.35 | 4.33 | 3.21 | --- | --- |
| 4 | --- | 2.17 | 6.43 | 8.77 | 6.04 | 8.62 | 6.28 | 6.84 | 5.82 | 3.24 | --- | --- |
| 5 | --- | 2.24 | 4.18 | 10.77 | 6.11 | 8.79 | 5.90 | 6.65 | 6.12 | 3.13 | --- | --- |
| 6 | --- | 2.23 | 3.90 | 10.07 | 6.72 | 7.62 | 6.69 | 7.78 | 6.41 | 3.10 | --- | --- |
| 7 | --- | 2.15 | 14.95 | 9.08 | 6.11 | 7.02 | 6.77 | 6.92 | 5.07 | 3.17 | --- | --- |
| 8 | --- | 2.13 | 27.42 | 13.91 | 5.65 | 6.79 | 8.11 | 6.35 | 4.34 | 2.93 | --- | --- |
| 9 | --- | 1.95 | 13.81 | 19.16 | 6.18 | 7.20 | 8.76 | 6.74 | 4.07 | 3.24 | --- | --- |
| 10 | --- | 2.12 | 9.32 | 16.45 | 8.38 | 6.89 | 7.59 | 5.78 | 3.89 | 3.16 | --- | --- |
| 11 | --- | 2.73 | 31.80 | 14.19 | 6.87 | 6.25 | 6.84 | 6.35 | 4.00 | 3.21 | --- | --- |
| 12 | 3.05 | 2.60 | 22.44 | 11.83 | 6.18 | 5.96 | 7.15 | 6.13 | 3.99 | 3.05 | --- | --- |
| 13 | 2.72 | 2.24 | 17.49 | 10.28 | 6.79 | 5.78 | 6.92 | 5.26 | 5.40 | 2.98 | --- | --- |
| 14 | 2.89 | 2.20 | 23.27 | 9.47 | 7.30 | 6.59 | 6.20 | 5.00 | 4.21 | 2.89 | --- | --- |
| 15 | 3.41 | 1.98 | 19.01 | 8.70 | 6.57 | 6.58 | 5.60 | 9.08 | 4.02 | 2.95 | --- | --- |
| 16 | 3.23 | 2.04 | 14.70 | 8.08 | 7.86 | 7.33 | 6.13 | 11.74 | 3.77 | 2.97 | --- | --- |
| 17 | 2.89 | 2.44 | 11.63 | 7.46 | 24.74 | 6.67 | 5.44 | 9.80 | 4.18 | 2.74 | --- | --- |
| 18 | 2.55 | 2.67 | 9.47 | 6.82 | 28.77 | 7.46 | 5.83 | 8.49 | 3.52 | 2.76 | --- | --- |
| 19 | 2.67 | 2.36 | 8.53 | 6.89 | 22.65 | 6.60 | 5.38 | 8.73 | 3.62 | 2.80 | --- | --- |
| 20 | 2.63 | 2.00 | 7.23 | 6.32 | 21.63 | 6.26 | 5.67 | 7.84 | 3.62 | 2.84 | --- | --- |
| 21 | 2.54 | 2.08 | 6.64 | 6.32 | 22.58 | 8.78 | 5.53 | 7.23 | 4.01 | 2.92 | --- | --- |
| 22 | 2.55 | 4.29 | 6.64 | 7.38 | 19.60 | 9.31 | 5.07 | 6.61 | 4.12 | 2.82 | --- | --- |
| 23 | 2.54 | 2.88 | 6.02 | 14.56 | 16.39 | 9.44 | 5.98 | 6.42 | 3.34 | 3.14 | --- | --- |
| 24 | 2.58 | 2.39 | 5.94 | 19.68 | 14.11 | 8.47 | 5.26 | 6.74 | 3.32 | 3.21 | --- | --- |
| 25 | 2.24 | 2.08 | 5.51 | 14.60 | 12.39 | 8.65 | 10.05 | 5.99 | 3.36 | 0.00 | --- | --- |
| 26 | 2.42 | 2.04 | 5.44 | 12.50 | 11.54 | 7.33 | 8.20 | 5.99 | 3.11 | --- | --- | --- |
| 27 | 2.32 | 2.04 | 5.01 | 11.31 | 11.74 | 7.02 | 7.26 | 5.56 | 3.37 | --- | --- | --- |
| 28 | 2.31 | 2.62 | 4.95 | 9.94 | 10.56 | 6.74 | 6.59 | 5.25 | 3.26 | --- | --- | --- |
| 29 | 2.31 | 6.87 | 4.80 | 9.11 | --- | 7.07 | 6.74 | 5.19 | 3.77 | --- | --- | --- |
| 30 | 2.32 | 3.92 | 5.77 | 8.53 | --- | 6.92 | 6.27 | 4.88 | 3.71 | --- | --- | --- |
| 31 | 2.27 | --- | 5.30 | 7.81 | --- | 6.32 | --- | 5.31 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 52.42 | 76.14 | 324.76 | 321.32 | 324.38 | 232.98 | 196.75 | 208.64 | 124.90 | 73.22 | --- | --- |
| MEAN | 2.62 | 2.54 | 10.48 | 10.37 | 11.58 | 7.52 | 6.56 | 6.73 | 4.16 | 2.93 | --- | --- |
| MAX | 3.41 | 6.87 | 31.80 | 19.68 | 28.77 | 9.86 | 10.05 | 11.74 | 6.41 | 3.56 | --- | --- |
| MIN | 2.24 | 1.95 | 3.90 | 6.32 | 5.65 | 5.78 | 5.07 | 4.88 | 3.11 | 0.00 | --- | --- |
| | | | | | | | | | | | | |
| PEAK | 3.59 | 15.75 | 42.57 | 22.64 | 30.68 | 10.75 | 13.98 | 13.46 | 8.85 | 3.82 | --- | --- |
| LOW | 2.24 | 1.95 | 3.52 | 5.07 | 5.58 | 5.71 | 4.84 | 4.01 | 2.09 | 1.89 | --- | --- |
| | | | | | | | | | | | | |
| AC-FT | 103.97 | 151.01 | 644.15 | 637.32 | 643.39 | 462.10 | 390.26 | 413.84 | 247.74 | 145.23 | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 6.74 |
| PERIOD TOTAL MAX: | 31.80 |
| PERIOD TOTAL MIN: | 0.00 |
| PERIOD TOTAL AC-FT: | 3839.01 |
| | |
| PERIOD TOTAL PEAK: | 42.57 |
| PERIOD TOTAL LOW: | 1.89 |

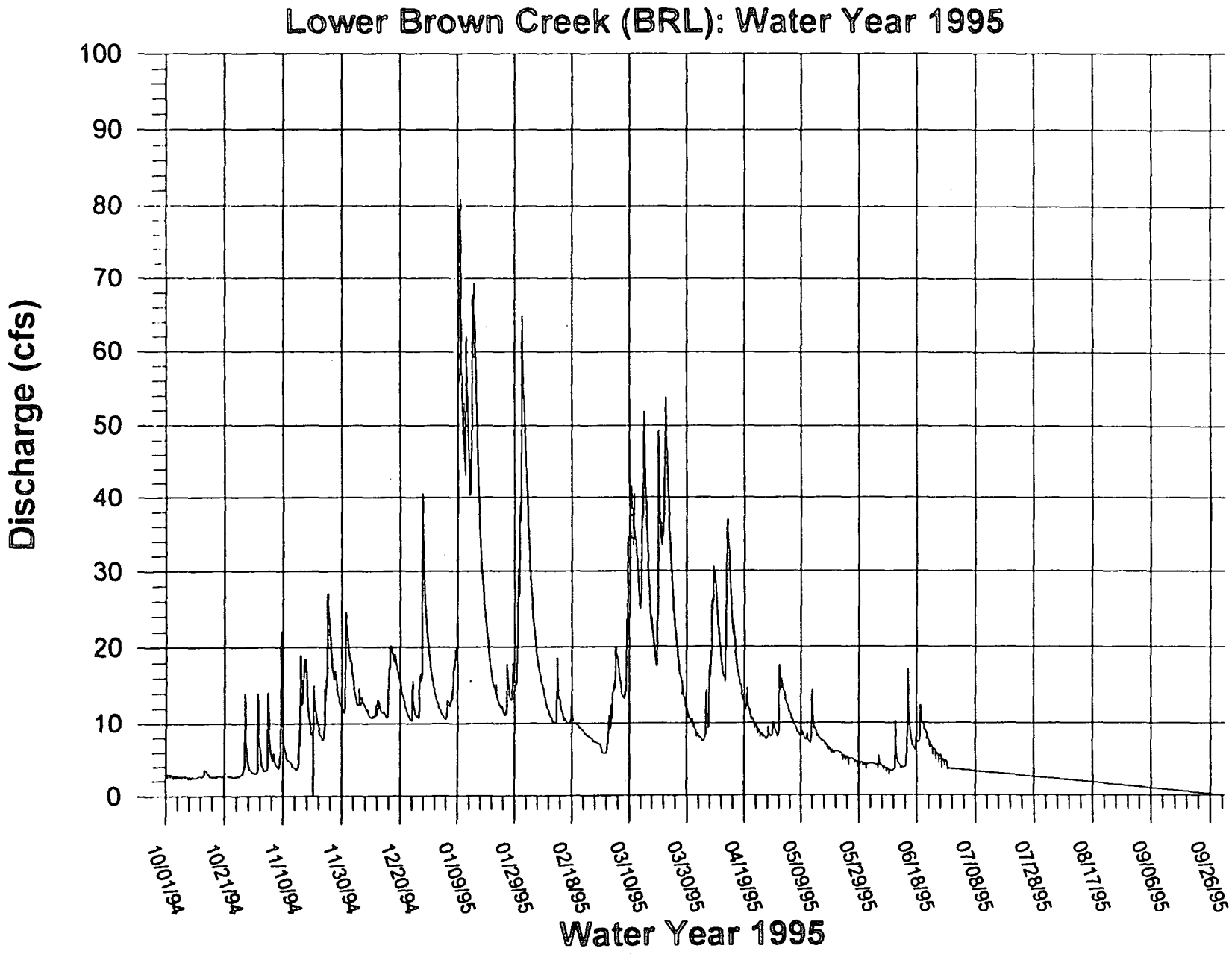

Lower Brown Creek (BRL): Water Year 1994
Discharge (cfs)
100
90
80
70
60
50
40
30
20
10
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1994

# Lower Brown Creek (BRL) WY95: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.81 | 8.17 | 21.34 | 13.46 | 50.72 | 5.83 | 9.53 | 15.67 | 4.27 | --- | --- | --- |
| 2 | 2.80 | 4.77 | 19.20 | 12.18 | 39.47 | 7.93 | 8.50 | 14.48 | 4.33 | --- | --- | --- |
| 3 | 2.64 | 3.43 | 16.79 | 11.29 | 30.27 | 10.62 | 8.05 | 12.95 | 4.33 | --- | --- | --- |
| 4 | 2.57 | 6.68 | 13.83 | 10.68 | 24.02 | 14.02 | 7.50 | 11.78 | 4.26 | --- | --- | --- |
| 5 | 2.48 | 7.22 | 12.59 | 12.16 | 19.90 | 18.73 | 9.96 | 10.80 | 4.19 | --- | --- | --- |
| 6 | 2.50 | 5.13 | 13.01 | 12.83 | 17.22 | 16.30 | 11.35 | 9.86 | 3.72 | --- | --- | --- |
| 7 | 2.58 | 4.27 | 12.61 | 15.37 | 15.19 | 13.79 | 19.71 | 9.02 | 3.54 | --- | --- | --- |
| 8 | 2.48 | 4.25 | 11.85 | 19.30 | 13.63 | 14.68 | 28.51 | 8.28 | 3.37 | --- | --- | --- |
| 9 | 2.41 | 12.77 | 11.02 | 55.82 | 12.12 | 26.78 | 25.92 | 8.51 | 3.28 | --- | --- | --- |
| 10 | 2.55 | 6.69 | 10.90 | 61.95 | 11.01 | 31.52 | 20.55 | 7.72 | 5.63 | --- | --- | --- |
| 11 | 2.49 | 4.95 | 11.35 | 47.31 | 10.22 | 35.91 | 17.05 | 7.75 | 4.68 | --- | --- | --- |
| 12 | 2.69 | 4.47 | 12.35 | 53.99 | 11.36 | 32.45 | 19.45 | 9.31 | 3.81 | --- | --- | --- |
| 13 | 2.66 | 3.95 | 11.52 | 43.32 | 14.37 | 26.42 | 34.28 | 10.01 | 3.73 | --- | --- | --- |
| 14 | 3.37 | 3.70 | 11.39 | 61.94 | 11.56 | 35.60 | 26.69 | 8.51 | 7.21 | --- | --- | --- |
| 15 | 2.88 | 8.56 | 11.89 | 57.66 | 10.63 | 44.69 | 21.62 | 7.89 | 10.14 | --- | --- | --- |
| 16 | 2.58 | 14.03 | 18.54 | 41.08 | 9.98 | 32.44 | 17.65 | 7.47 | 7.09 | --- | --- | --- |
| 17 | 2.56 | 17.43 | 18.67 | 30.97 | 10.92 | 24.72 | 15.34 | 7.15 | 6.80 | --- | --- | --- |
| 18 | 2.52 | 11.70 | 18.19 | 25.72 | 10.73 | 20.87 | 13.36 | 6.60 | 7.33 | --- | --- | --- |
| 19 | 2.72 | 8.77 | 15.99 | 21.46 | 9.81 | 19.13 | 12.16 | 6.16 | 10.42 | --- | --- | --- |
| 20 | 2.57 | 12.25 | 14.23 | 17.97 | 9.41 | 38.18 | 12.30 | 5.82 | 9.33 | --- | --- | --- |
| 21 | 2.56 | 10.07 | 12.51 | 15.36 | 9.05 | 35.22 | 10.66 | 6.06 | 8.21 | --- | --- | --- |
| 22 | 2.60 | 8.35 | 11.16 | 14.26 | 8.52 | 47.00 | 9.89 | 5.83 | 7.17 | --- | --- | --- |
| 23 | 2.58 | 8.06 | 10.43 | 12.69 | 8.18 | 42.71 | 9.13 | 5.38 | 6.39 | --- | --- | --- |
| 24 | 2.45 | 15.88 | 12.87 | 12.11 | 7.91 | 31.96 | 8.57 | 5.17 | 5.89 | --- | --- | --- |
| 25 | 2.60 | 23.66 | 11.04 | 11.25 | 7.55 | 25.26 | 8.20 | 4.96 | 5.28 | --- | --- | --- |
| 26 | 2.75 | 18.06 | 12.96 | 14.61 | 7.34 | 20.41 | 7.85 | 5.13 | 4.95 | --- | --- | --- |
| 27 | 5.41 | 16.29 | 23.83 | 13.32 | 7.09 | 17.19 | 8.50 | 4.77 | 4.74 | --- | --- | --- |
| 28 | 6.26 | 13.97 | 27.79 | 15.53 | 5.76 | 14.72 | 8.71 | 4.51 | 4.08 | --- | --- | --- |
| 29 | 3.54 | 12.45 | 21.25 | 15.67 | --- | 12.64 | 9.16 | 4.48 | --- | --- | --- | --- |
| 30 | 3.16 | 11.71 | 17.49 | 28.90 | --- | 11.24 | 8.41 | 4.36 | --- | --- | --- | --- |
| 31 | 3.11 | --- | 14.92 | 51.40 | --- | 10.26 | --- | 4.19 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 89.91 | 291.70 | 463.52 | 831.56 | 403.94 | 739.21 | 428.57 | 240.57 | 158.15 | --- | --- | --- |
| MEAN | 2.90 | 9.72 | 14.95 | 26.82 | 14.43 | 23.85 | 14.29 | 7.76 | 5.65 | --- | --- | --- |
| MAX | 6.26 | 23.66 | 27.79 | 61.95 | 50.72 | 47.00 | 34.28 | 15.67 | 10.42 | --- | --- | --- |
| MIN | 2.41 | 3.43 | 10.43 | 10.68 | 5.76 | 5.83 | 7.50 | 4.19 | 3.28 | --- | --- | --- |
| PEAK | 14.08 | 27.16 | 40.67 | 81.07 | 57.33 | 53.95 | 37.14 | 17.64 | 17.10 | --- | --- | --- |
| LOW | 2.22 | 0.01 | 10.27 | 10.48 | 5.76 | 5.76 | 7.39 | 3.49 | 2.63 | --- | --- | --- |
| AC-FT | 178.33 | 578.58 | 919.38 | 1649.38 | 801.21 | 1466.21 | 850.06 | 477.16 | 313.69 | --- | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 13.46 |
| PERIOD TOTAL MAX: | 61.95 |
| PERIOD TOTAL MIN: | 2.41 |
| PERIOD TOTAL AC-FT: | 7233.99 |
| PERIOD TOTAL PEAK: | 81.07 |
| PERIOD TOTAL LOW: | 0.01 |


Lower Brown Creek (BRL): Water Year 1995
Discharge (cfs)
100
90
80
70
60
50
40
30
20
10
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

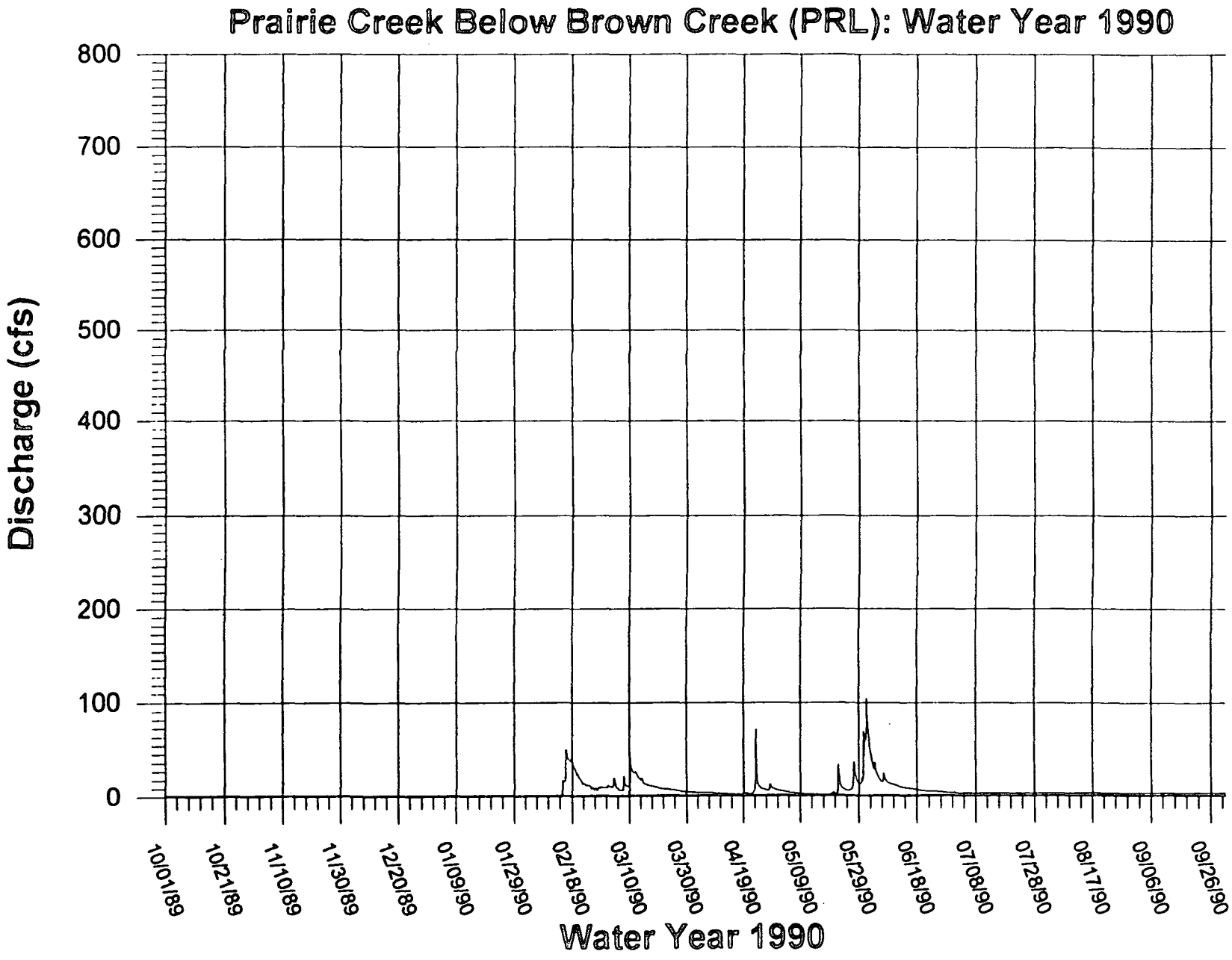
# Prairie Creek Below Brown Creek (PRL) WY90: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 9.66 | 4.57 | 6.22 | 60.27 | 3.84 | --- | --- |
| 2 | --- | --- | --- | --- | --- | 11.32 | 4.21 | 5.63 | 38.05 | 3.64 | --- | --- |
| 3 | --- | --- | --- | --- | --- | 10.62 | 4.21 | 4.96 | 30.99 | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | 15.64 | 3.85 | 4.45 | 21.80 | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | 10.00 | 3.82 | 4.23 | 16.59 | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | 7.33 | 3.82 | 3.84 | 20.24 | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | 9.72 | 3.86 | 3.49 | 16.19 | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | 13.47 | 3.79 | 3.12 | 14.02 | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | 11.31 | 3.50 | 3.00 | 13.14 | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | 30.49 | 3.46 | 2.78 | 12.02 | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | 25.97 | 2.97 | 2.71 | 10.85 | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | 24.21 | 2.84 | 2.41 | 10.10 | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | 19.01 | 2.87 | 2.38 | 9.45 | --- | --- | --- |
| 14 | --- | --- | --- | --- | 6.33 | 17.16 | 2.47 | 2.05 | 8.86 | --- | --- | --- |
| 15 | --- | --- | --- | --- | 23.65 | 13.39 | 2.44 | 1.69 | 8.51 | --- | --- | --- |
| 16 | --- | --- | --- | --- | 41.73 | 12.36 | 2.64 | 1.72 | 8.16 | --- | --- | --- |
| 17 | --- | --- | --- | --- | 38.84 | 11.42 | 2.84 | 1.69 | 7.62 | --- | --- | --- |
| 18 | --- | --- | --- | --- | 33.14 | 10.85 | 2.64 | 1.56 | 7.00 | --- | --- | --- |
| 19 | --- | --- | --- | --- | 25.59 | 10.05 | 3.31 | 2.35 | 6.43 | --- | --- | --- |
| 20 | --- | --- | --- | --- | 20.14 | 9.16 | 3.54 | 3.57 | 6.07 | --- | --- | --- |
| 21 | --- | --- | --- | --- | 15.24 | 8.76 | 2.84 | 5.08 | 5.71 | --- | --- | --- |
| 22 | --- | --- | --- | --- | 13.25 | 8.40 | 6.04 | 19.60 | 5.59 | --- | --- | --- |
| 23 | --- | --- | --- | --- | 12.09 | 7.81 | 30.81 | 8.64 | 5.37 | --- | --- | --- |
| 24 | --- | --- | --- | --- | 10.22 | 7.36 | 10.65 | 7.21 | 5.37 | --- | --- | --- |
| 25 | --- | --- | --- | --- | 9.21 | 7.00 | 8.28 | 6.52 | 5.01 | --- | --- | --- |
| 26 | --- | --- | --- | --- | 8.32 | 6.66 | 7.38 | 8.34 | 4.65 | --- | --- | --- |
| 27 | --- | --- | --- | --- | 9.86 | 6.30 | 6.71 | 26.91 | 4.29 | --- | --- | --- |
| 28 | --- | --- | --- | --- | 10.23 | 5.63 | 10.63 | 16.70 | 4.30 | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | 5.52 | 8.07 | 14.12 | 4.13 | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | 5.26 | 7.07 | 36.92 | 3.93 | --- | --- | 3.73 |
| 31 | --- | --- | --- | --- | --- | 4.92 | --- | 72.17 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | --- | --- | --- | --- | 277.84 | 356.76 | 166.06 | 286.04 | 374.69 | 7.48 | --- | 3.73 |
| MEAN | --- | --- | --- | --- | 18.52 | 11.51 | 5.54 | 9.23 | 12.49 | 3.74 | --- | 3.73 |
| MAX | --- | --- | --- | --- | 41.73 | 30.49 | 30.81 | 72.17 | 60.27 | 3.84 | --- | 3.73 |
| MIN | --- | --- | --- | --- | 6.33 | 4.92 | 2.44 | 1.56 | 3.93 | 3.64 | --- | 3.73 |
| PEAK | --- | --- | --- | --- | 50.48 | 43.06 | 72.89 | 104.36 | 77.05 | 3.84 | --- | 3.73 |
| LOW | --- | --- | --- | --- | 6.31 | 4.92 | 2.44 | 1.53 | 3.93 | 3.64 | --- | 3.73 |
| AC-FT | --- | --- | --- | --- | 551.08 | 707.62 | 329.37 | 567.35 | 743.19 | 14.84 | --- | 7.40 |

PERIOD TOTAL MEAN: 10.52
PERIOD TOTAL MAX: 72.17
PERIOD TOTAL MIN: 1.56
PERIOD TOTAL AC-FT: 2920.85

PERIOD TOTAL PEAK: 104.36
PERIOD TOTAL LOW: 1.53


Prairie Creek Below Brown Creek (PRL): Water Year 1990
Discharge (cfs)
800
700
600
500
400
300
200
100
0
10/01/89
10/21/89
11/10/89
11/30/89
12/20/89
01/09/90
01/29/90
02/18/90
03/10/90
03/30/90
04/19/90
05/09/90
05/29/90
06/18/90
07/08/90
07/28/90
08/17/90
09/06/90
09/26/90
Water Year 1990

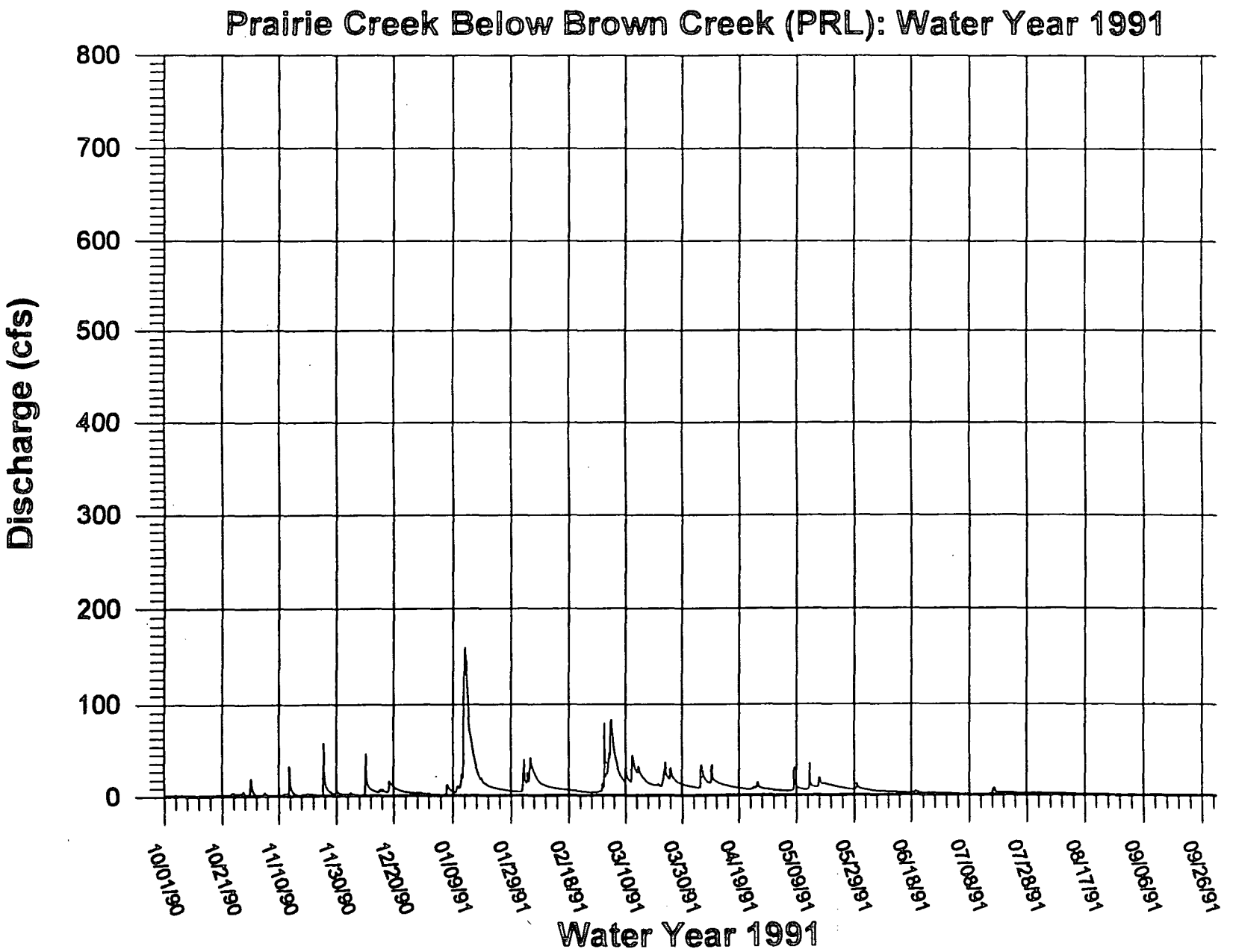
# Prairie Creek Below Brown Creek (PRL) WY91: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 2.59 | 3.03 | 2.36 | 5.40 | 6.91 | 10.92 | 6.57 | 6.70 | 2.08 | --- | --- |
| 2 | --- | 1.01 | 2.66 | 2.06 | 24.07 | 28.16 | 10.34 | 6.26 | 6.22 | 1.98 | --- | --- |
| 3 | --- | 0.40 | 2.03 | 2.02 | 17.81 | 26.70 | 9.53 | 5.92 | 5.89 | 1.76 | --- | --- |
| 4 | --- | 1.66 | 3.04 | 1.92 | 27.12 | 55.86 | 9.06 | 5.58 | 5.54 | 1.67 | --- | --- |
| 5 | --- | 2.57 | 2.91 | 1.71 | 30.04 | 67.03 | 20.13 | 5.21 | 5.17 | 1.68 | --- | --- |
| 6 | --- | 1.14 | 2.05 | 2.83 | 22.73 | 42.28 | 22.93 | 5.56 | 4.81 | 1.39 | --- | --- |
| 7 | --- | 0.38 | 1.67 | 9.80 | 16.80 | 28.84 | 16.78 | 6.48 | 4.79 | 1.37 | --- | --- |
| 8 | --- | 0.39 | 1.30 | 5.88 | 13.66 | 20.92 | 14.24 | 15.99 | 4.47 | 1.34 | --- | --- |
| 9 | --- | 0.39 | 1.89 | 4.51 | 12.08 | 17.52 | 22.16 | 8.98 | 4.45 | 1.41 | --- | --- |
| 10 | --- | 0.29 | 24.86 | 8.63 | 10.95 | 23.20 | 16.80 | 7.77 | 4.25 | 1.38 | --- | --- |
| 11 | --- | 0.01 | 10.08 | 10.93 | 9.93 | 16.19 | 14.60 | 7.09 | 4.11 | 1.34 | --- | --- |
| 12 | --- | 3.42 | 6.96 | 56.23 | 9.13 | 36.86 | 13.43 | 6.83 | 4.08 | 1.20 | --- | --- |
| 13 | --- | 12.58 | 5.42 | 139.53 | 8.40 | 29.59 | 12.32 | 14.50 | 3.75 | 1.13 | --- | --- |
| 14 | --- | 7.74 | 4.63 | 84.67 | 7.94 | 28.29 | 11.50 | 11.15 | 3.40 | 1.41 | --- | --- |
| 15 | --- | 3.20 | 6.25 | 57.60 | 7.58 | 23.53 | 10.80 | 9.62 | 3.41 | 1.85 | --- | --- |
| 16 | --- | 1.78 | 6.69 | 38.70 | 7.24 | 19.16 | 10.01 | 10.73 | 3.34 | 6.82 | --- | --- |
| 17 | --- | 1.30 | 4.85 | 26.22 | 6.91 | 15.66 | 9.30 | 16.27 | 3.06 | 4.09 | --- | --- |
| 18 | --- | 2.31 | 11.16 | 19.74 | 6.55 | 13.68 | 8.90 | 13.57 | 3.07 | --- | --- | --- |
| 19 | --- | 2.53 | 12.78 | 14.87 | 6.21 | 12.67 | 8.28 | 12.70 | 4.27 | --- | --- | --- |
| 20 | --- | 2.85 | 9.46 | 12.54 | 5.54 | 11.78 | 8.03 | 11.91 | 3.60 | --- | --- | --- |
| 21 | 1.04 | 2.40 | 7.37 | 10.87 | 5.54 | 12.17 | 7.50 | 11.17 | 3.17 | --- | --- | --- |
| 22 | 1.09 | 2.03 | 6.04 | 9.63 | 5.17 | 10.89 | 7.17 | 10.24 | 2.80 | --- | --- | --- |
| 23 | 0.32 | 1.36 | 5.27 | 8.66 | 4.82 | 20.77 | 7.78 | 9.43 | 2.84 | --- | --- | --- |
| 24 | 3.44 | 1.33 | 4.84 | 8.04 | 4.47 | 26.62 | 9.05 | 8.72 | 3.00 | --- | --- | --- |
| 25 | 3.25 | 21.73 | 4.19 | 7.37 | 4.13 | 20.05 | 11.44 | 8.19 | 2.90 | --- | --- | --- |
| 26 | 3.25 | 9.51 | 3.81 | 6.78 | 3.93 | 23.90 | 8.79 | 7.71 | 2.84 | --- | --- | --- |
| 27 | 3.27 | 5.41 | 3.64 | 6.33 | 3.93 | 18.08 | 7.77 | 7.15 | 2.70 | --- | --- | --- |
| 28 | 3.26 | 3.71 | 3.86 | 5.96 | 4.75 | 15.10 | 7.29 | 6.78 | 2.45 | --- | --- | --- |
| 29 | 1.13 | 3.30 | 3.19 | 5.63 | --- | 13.75 | 6.80 | 8.97 | 2.42 | --- | --- | --- |
| 30 | 3.94 | 4.61 | 2.74 | 5.29 | --- | 12.61 | 6.57 | 9.41 | 2.11 | --- | --- | --- |
| 31 | 10.13 | --- | 2.40 | 4.95 | --- | 11.64 | --- | 7.41 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 34.13 | 103.94 | 171.05 | 582.24 | 292.81 | 712.40 | 340.22 | 283.89 | 115.61 | 33.91 | --- | --- |
| MEAN | 3.10 | 3.46 | 5.52 | 18.78 | 10.46 | 22.98 | 11.34 | 9.16 | 3.85 | 1.99 | --- | --- |
| MAX | 10.13 | 21.73 | 24.86 | 139.53 | 30.04 | 67.03 | 22.93 | 16.27 | 6.70 | 6.82 | --- | --- |
| MIN | 0.32 | 0.01 | 1.30 | 1.71 | 3.93 | 6.91 | 6.57 | 5.21 | 2.11 | 1.13 | --- | --- |
| PEAK | 19.76 | 58.00 | 46.34 | 159.70 | 42.31 | 83.24 | 34.00 | 35.35 | 7.03 | 8.84 | --- | --- |
| LOW | 0.00 | 0.01 | 1.23 | 1.57 | 3.89 | 4.87 | 6.57 | 5.16 | 2.11 | 1.13 | --- | --- |
| AC-FT | 67.69 | 206.17 | 339.27 | 1154.86 | 580.77 | 1413.02 | 674.81 | 563.09 | 229.31 | 67.26 | --- | --- |

PERIOD TOTAL MEAN: 9.89
PERIOD TOTAL MAX: 139.53
PERIOD TOTAL MIN: 0.01
PERIOD TOTAL AC-FT: 5296.27

PERIOD TOTAL PEAK: 159.70
PERIOD TOTAL LOW: 0.00

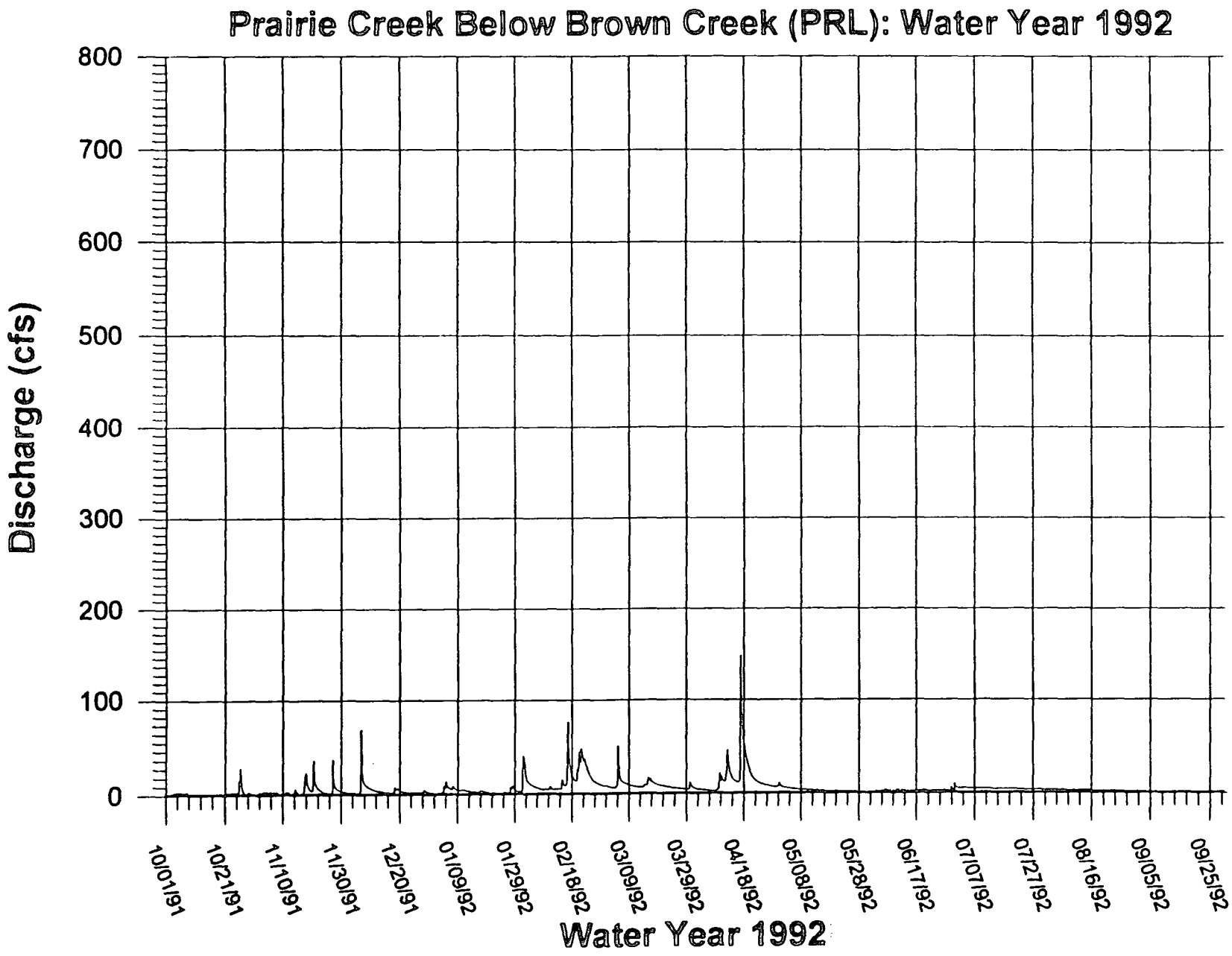

Prairie Creek Below Brown Creek (PRL): Water Year 1991
Discharge (cfs)
800
700
600
500
400
300
200
100
0
10/01/90
10/21/90
11/10/90
11/30/90
12/20/90
01/09/91
01/29/91
02/18/91
03/10/91
03/30/91
04/19/91
05/09/91
05/29/91
06/18/91
07/08/91
07/28/91
08/17/91
09/06/91
09/26/91
Water Year 1991

# Prairie Creek Below Brown Creek (PRL) WY92: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 0.03 | 2.63 | 1.44 | 27.72 | 8.30 | 5.21 | 6.60 | 0.89 | --- | --- | --- |
| 2 | --- | 2.02 | 2.28 | 1.81 | 13.80 | 7.18 | 4.59 | 5.89 | 1.16 | --- | --- | --- |
| 3 | 1.65 | 3.39 | 1.94 | 2.37 | 10.61 | 6.50 | 4.23 | 5.67 | 0.80 | --- | --- | --- |
| 4 | 3.18 | 3.33 | 1.78 | 8.82 | 8.75 | 9.73 | 3.86 | 5.20 | 0.82 | --- | --- | --- |
| 5 | 3.00 | 3.26 | 1.89 | 8.88 | 7.39 | 27.44 | 3.65 | 5.10 | 1.03 | --- | --- | --- |
| 6 | 2.83 | 1.86 | 22.32 | 6.27 | 6.44 | 13.31 | 3.23 | 4.71 | 2.25 | --- | --- | --- |
| 7 | 2.55 | 1.87 | 16.03 | 7.69 | 5.67 | 11.29 | 3.09 | 4.36 | 1.17 | --- | --- | --- |
| 8 | 1.77 | 0.56 | 9.53 | 5.63 | 5.58 | 10.16 | 3.57 | 4.12 | 0.22 | --- | --- | --- |
| 9 | 1.14 | 0.50 | 7.35 | 4.89 | 5.27 | 8.98 | 11.63 | 4.00 | 0.78 | --- | --- | --- |
| 10 | 1.10 | 0.48 | 5.97 | 5.46 | 6.81 | 8.20 | 14.98 | 3.48 | 3.35 | --- | --- | --- |
| 11 | 0.77 | 2.02 | 4.79 | 4.72 | 5.31 | 7.83 | 14.64 | 3.55 | 1.07 | --- | --- | --- |
| 12 | 0.63 | 0.73 | 4.08 | 3.90 | 6.02 | 7.20 | 33.55 | 3.26 | 3.05 | --- | --- | --- |
| 13 | 0.77 | 1.68 | 3.40 | 3.50 | 5.77 | 6.80 | 20.70 | 3.29 | 0.91 | --- | --- | --- |
| 14 | 0.60 | 4.01 | 3.00 | 3.14 | 10.60 | 9.03 | 14.74 | 2.86 | 0.86 | --- | --- | --- |
| 15 | 0.59 | 1.20 | 2.66 | 3.17 | 9.74 | 12.27 | 12.49 | 2.81 | 1.14 | --- | --- | --- |
| 16 | 0.59 | 1.52 | 2.56 | 3.46 | 37.64 | 14.56 | 41.46 | 2.72 | 1.79 | --- | --- | --- |
| 17 | 0.51 | 14.86 | 2.64 | 3.54 | 27.36 | 11.83 | 71.97 | 2.30 | 2.12 | --- | --- | --- |
| 18 | 0.46 | 9.34 | 6.62 | 2.71 | 17.35 | 10.31 | 44.97 | 2.34 | 2.22 | --- | --- | --- |
| 19 | 0.64 | 4.81 | 5.77 | 2.15 | 15.25 | 9.23 | 29.60 | 2.06 | 3.31 | --- | --- | --- |
| 20 | 0.72 | 19.51 | 3.92 | 1.78 | 33.93 | 8.60 | 20.46 | 1.88 | 2.32 | --- | --- | --- |
| 21 | 1.76 | 7.80 | 3.30 | 1.98 | 41.53 | 7.95 | 15.00 | 1.76 | 2.08 | --- | --- | --- |
| 22 | 2.41 | 4.79 | 2.94 | 1.44 | 33.73 | 7.55 | 12.50 | 1.77 | 2.68 | --- | --- | --- |
| 23 | 2.92 | 3.33 | 2.59 | 1.51 | 25.07 | 6.77 | 11.01 | 1.67 | 2.38 | --- | --- | --- |
| 24 | 2.51 | 2.55 | 2.49 | 1.40 | 18.35 | 6.16 | 9.93 | 1.45 | 2.94 | --- | --- | --- |
| 25 | 6.18 | 2.14 | 2.22 | 2.26 | 14.09 | 5.93 | 8.91 | 1.27 | 3.23 | --- | --- | --- |
| 26 | 16.25 | 6.60 | 2.22 | 1.84 | 12.00 | 5.47 | 8.19 | 1.48 | 3.31 | --- | --- | --- |
| 27 | 2.85 | 12.32 | 2.58 | 5.53 | 10.47 | 5.12 | 7.55 | 1.14 | 3.16 | --- | --- | --- |
| 28 | 1.71 | 5.95 | 4.43 | 7.36 | 9.39 | 4.65 | 7.02 | 1.11 | 1.43 | --- | --- | --- |
| 29 | 2.64 | 4.27 | 3.01 | 4.01 | 8.95 | 4.37 | 7.15 | 1.14 | 3.56 | --- | --- | --- |
| 30 | 1.02 | 3.05 | 2.21 | 3.30 | --- | 9.46 | 9.14 | 0.84 | 6.52 | --- | --- | --- |
| 31 | 0.27 | --- | 1.81 | 14.84 | --- | 6.28 | --- | 0.84 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 64.03 | 129.77 | 140.95 | 130.80 | 440.61 | 278.48 | 459.01 | 90.67 | 62.56 | --- | --- | --- |
| MEAN | 2.21 | 4.33 | 4.55 | 4.22 | 15.19 | 8.98 | 15.30 | 2.92 | 2.09 | --- | --- | --- |
| MAX | 16.25 | 19.51 | 22.32 | 14.84 | 41.53 | 27.44 | 71.97 | 6.60 | 6.52 | --- | --- | --- |
| MIN | 0.27 | 0.03 | 1.78 | 1.40 | 5.27 | 4.37 | 3.09 | 0.84 | 0.22 | --- | --- | --- |
| PEAK | 28.83 | 37.69 | 68.72 | 41.04 | 76.49 | 50.96 | 148.03 | 7.25 | 10.36 | --- | --- | --- |
| LOW | 0.07 | 0.03 | 1.58 | 1.40 | 5.14 | 4.37 | 3.05 | 0.36 | 0.03 | --- | --- | --- |
| AC-FT | 127.00 | 257.40 | 279.56 | 259.44 | 873.95 | 552.35 | 910.44 | 179.84 | 124.08 | --- | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 6.61 |
| PERIOD TOTAL MAX: | 71.97 |
| PERIOD TOTAL MIN: | 0.03 |
| PERIOD TOTAL AC-FT: | 3564.06 |
| PERIOD TOTAL PEAK: | 148.03 |
| PERIOD TOTAL LOW: | 0.03 |


Prairie Creek Below Brown Creek (PRL): Water Year 1992
Discharge (cfs)
800
700
600
500
400
300
200
100
0
10/01/91
10/21/91
11/10/91
11/30/91
12/20/91
01/09/92
01/29/92
02/18/92
03/09/92
03/29/92
04/18/92
05/08/92
05/28/92
06/17/92
07/07/92
07/27/92
08/16/92
09/05/92
09/25/92
Water Year 1992

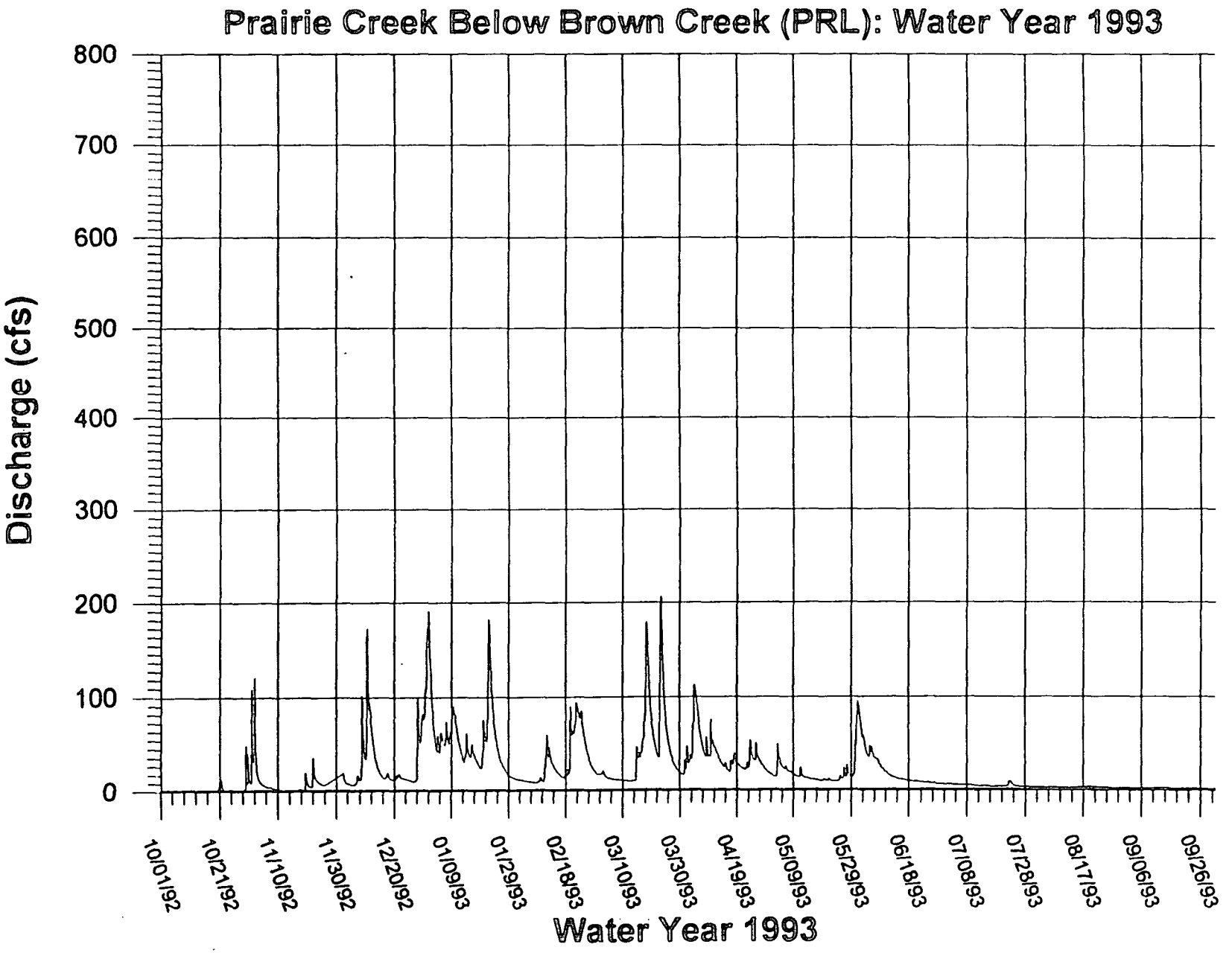
# Prairie Creek Below Brown Creek (PRL) WY93: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 58.85 | --- | 142.42 | 12.12 | 17.94 | 34.91 | 16.16 | 66.47 | 6.85 | 3.38 | 2.32 |
| 2 | --- | 43.57 | 16.32 | 78.93 | 11.61 | 18.59 | 33.30 | 14.85 | 52.67 | 6.90 | 3.38 | 2.31 |
| 3 | --- | 11.85 | 8.97 | 48.93 | 10.93 | 18.53 | 57.24 | 34.51 | 39.05 | 6.27 | 3.28 | 2.33 |
| 4 | --- | 7.73 | 7.73 | 47.70 | 10.41 | 14.46 | 104.97 | 29.55 | 42.00 | 6.43 | 3.16 | 2.04 |
| 5 | --- | 5.66 | 6.82 | 57.37 | 9.84 | 13.41 | 79.37 | 24.23 | 39.79 | 5.81 | 3.16 | 2.49 |
| 6 | --- | 4.35 | 8.75 | 51.45 | 9.40 | 12.75 | 55.88 | 23.69 | 34.04 | 5.99 | 3.61 | 2.71 |
| 7 | --- | 4.32 | 14.71 | 60.91 | 9.07 | 12.28 | 41.76 | 20.31 | 30.60 | 6.00 | 3.61 | 2.49 |
| 8 | --- | 3.19 | 38.38 | 57.73 | 10.04 | 11.84 | 42.87 | 18.64 | 25.25 | 5.48 | 3.26 | 2.14 |
| 9 | --- | 2.32 | 42.63 | 81.50 | 12.31 | 11.45 | 42.28 | 16.36 | 21.49 | 5.55 | 2.93 | 2.32 |
| 10 | --- | 1.61 | 104.20 | 75.01 | 14.97 | 11.23 | 52.08 | 14.71 | 18.63 | 5.04 | 3.12 | 2.04 |
| 11 | --- | 1.20 | 85.14 | 54.78 | 41.75 | 10.73 | 44.31 | 17.85 | 15.83 | 5.22 | 3.08 | 2.26 |
| 12 | --- | 1.20 | 54.35 | 40.52 | 40.12 | 10.39 | 36.84 | 14.76 | 14.33 | 4.61 | 2.82 | --- |
| 13 | --- | 1.13 | 34.57 | 34.24 | 29.77 | 10.75 | 30.48 | 13.49 | 13.43 | 4.74 | 3.10 | --- |
| 14 | --- | 0.86 | 23.55 | 48.08 | 23.31 | 19.83 | 26.35 | 12.82 | 12.61 | 4.74 | 2.93 | --- |
| 15 | --- | 0.86 | 16.70 | 38.62 | 18.91 | 38.12 | 25.14 | 11.99 | 12.14 | 4.76 | 3.45 | --- |
| 16 | --- | 1.42 | 14.11 | 43.85 | 15.59 | 43.69 | 22.19 | 11.59 | 11.37 | 4.39 | 3.04 | --- |
| 17 | --- | 2.36 | 17.57 | 35.40 | 14.71 | 70.19 | 30.51 | 11.16 | 10.87 | 4.39 | 3.20 | --- |
| 18 | --- | 1.54 | 13.54 | 28.50 | 19.11 | 157.01 | 35.73 | 10.87 | 10.23 | 4.16 | 3.38 | --- |
| 19 | --- | 11.02 | 12.34 | 27.93 | 45.87 | 100.22 | 28.46 | 11.55 | 9.82 | 4.30 | 4.06 | --- |
| 20 | 3.10 | 5.71 | 14.52 | 58.65 | 61.46 | 63.86 | 25.21 | 10.82 | 9.83 | 4.32 | 3.72 | --- |
| 21 | 8.88 | 12.13 | 17.32 | 86.27 | 79.08 | 45.09 | 23.18 | 11.79 | 9.26 | 4.50 | 3.38 | --- |
| 22 | 1.26 | 18.48 | 14.39 | 144.85 | 82.65 | 44.13 | 25.69 | 10.32 | 8.71 | 8.52 | 3.55 | --- |
| 23 | 0.02 | 10.65 | 13.31 | 85.98 | 78.52 | 169.16 | 39.54 | 9.83 | 8.38 | 7.19 | 2.93 | --- |
| 24 | --- | 8.31 | 12.34 | 55.82 | 58.13 | 107.89 | 35.38 | 10.53 | 8.56 | 5.13 | 3.09 | --- |
| 25 | --- | 6.72 | 11.42 | 39.58 | 42.68 | 65.66 | 37.88 | 13.31 | 7.92 | 4.48 | 2.62 | --- |
| 26 | --- | --- | 10.55 | 29.98 | 32.01 | 45.48 | 34.79 | 17.11 | 8.13 | 4.14 | 2.59 | --- |
| 27 | --- | --- | 12.90 | 23.73 | 24.89 | 33.63 | 29.51 | 19.12 | 7.51 | 3.72 | 2.30 | --- |
| 28 | --- | --- | 65.38 | 19.22 | 19.92 | 26.16 | 25.11 | 16.44 | 7.16 | 4.06 | 2.31 | --- |
| 29 | 6.55 | --- | 67.91 | 15.89 | --- | 21.27 | 21.07 | 15.32 | 7.34 | 3.71 | 2.31 | --- |
| 30 | 21.90 | --- | 87.76 | 14.20 | --- | 18.29 | 18.42 | 45.89 | 6.72 | 3.27 | 1.93 | 1.81 |
| 31 | 23.20 | --- | 152.66 | 13.05 | --- | 20.94 | --- | 86.15 | --- | 3.38 | 2.32 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 64.92 | 227.03 | 1000.84 | 1641.06 | 839.20 | 1264.98 | 1140.46 | 595.73 | 570.13 | 158.03 | 94.97 | 27.25 |
| MEAN | 9.27 | 9.08 | 33.36 | 52.94 | 29.97 | 40.81 | 38.02 | 19.22 | 19.00 | 5.10 | 3.06 | 2.27 |
| MAX | 23.20 | 58.85 | 152.66 | 144.85 | 82.65 | 169.16 | 104.97 | 86.15 | 66.47 | 8.52 | 4.06 | 2.71 |
| MIN | 0.02 | 0.86 | 6.82 | 13.05 | 9.07 | 10.39 | 18.42 | 9.83 | 6.72 | 3.27 | 1.93 | 1.81 |
| PEAK | 106.95 | 120.64 | 191.06 | 186.77 | 94.59 | 206.10 | 112.08 | 95.43 | 78.84 | 10.04 | 4.28 | 2.71 |
| LOW | 0.12 | 0.75 | 6.79 | 12.86 | 9.07 | 10.29 | 17.59 | 9.83 | 6.72 | 3.25 | 1.93 | 1.03 |
| AC-FT | 128.76 | 450.31 | 1985.13 | 3255.00 | 1664.52 | 2509.04 | 2262.07 | 1181.62 | 1130.83 | 313.46 | 188.37 | 54.06 |

PERIOD TOTAL MEAN: 24.05
PERIOD TOTAL MAX: 169.16
PERIOD TOTAL MIN: 0.02
PERIOD TOTAL AC-FT: 15123.17

PERIOD TOTAL PEAK: 206.10
PERIOD TOTAL LOW: 0.12

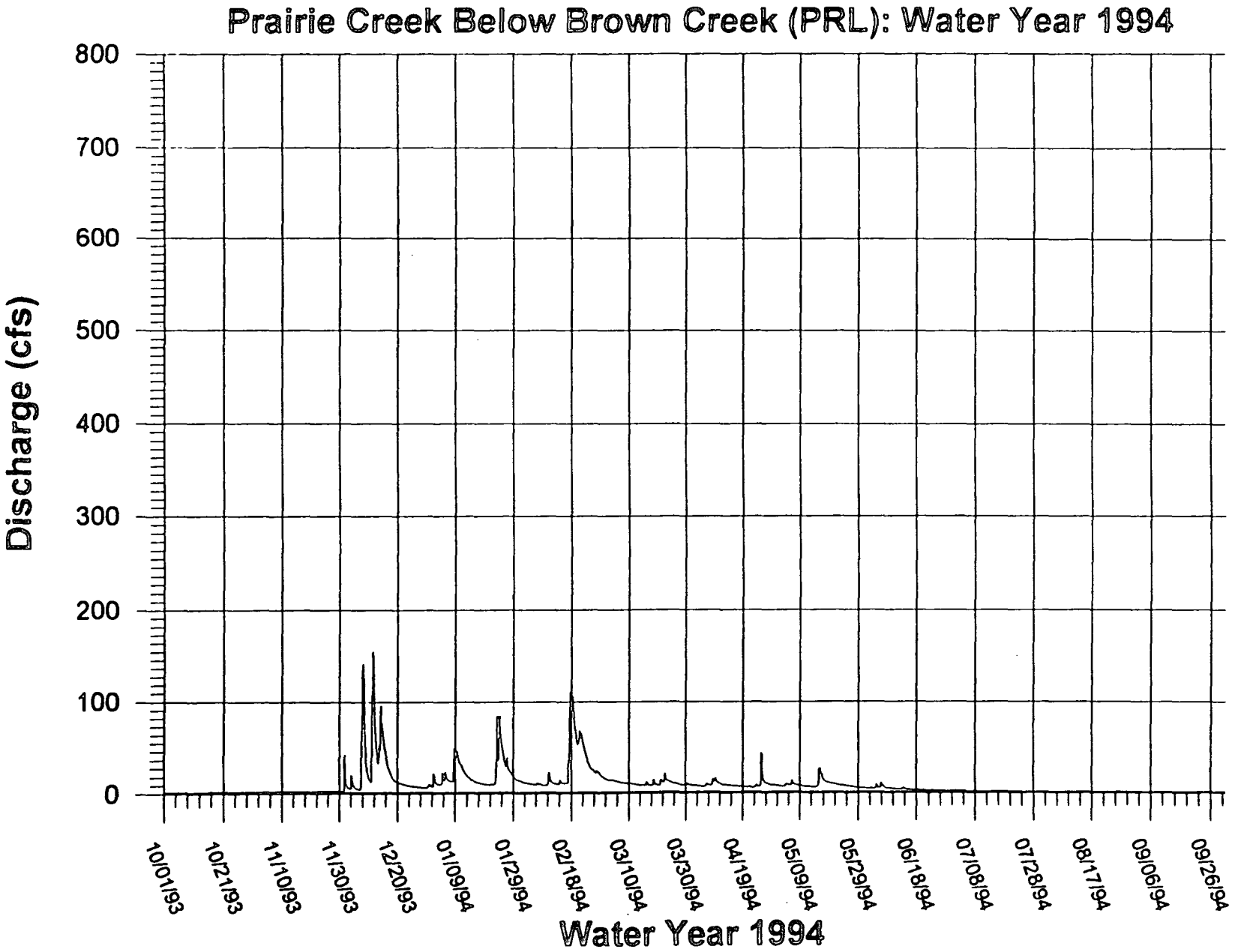

Prairie Creek Below Brown Creek (PRL): Water Year 1993
Discharge (cfs)
800
700
600
500
400
300
200
100
0
10/01/92
10/21/92
11/10/92
11/30/92
12/20/92
01/09/93
01/29/93
02/18/93
03/10/93
03/30/93
04/19/93
05/09/93
05/29/93
06/18/93
07/08/93
07/28/93
08/17/93
09/06/93
09/26/93
Water Year 1993

# Prairie Creek Below Brown Creek (PRL) WY94: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.92 | --- | 15.22 | 15.33 | 12.14 | 16.63 | 8.14 | 7.70 | 5.03 | 2.72 | --- | --- |
| 2 | 0.92 | --- | 8.31 | 11.19 | 11.53 | 14.92 | 8.15 | 7.36 | 5.07 | 2.59 | --- | --- |
| 3 | 0.92 | --- | 5.56 | 9.60 | 10.79 | 14.24 | 7.80 | 7.79 | 4.75 | 2.39 | --- | --- |
| 4 | 1.49 | --- | 12.16 | 15.06 | 10.08 | 14.11 | 7.39 | 9.59 | 7.29 | 2.27 | --- | --- |
| 5 | 1.48 | --- | 6.08 | 18.13 | 9.61 | 13.24 | 7.28 | 8.86 | 7.10 | 2.06 | --- | --- |
| 6 | 1.48 | --- | 4.72 | 15.06 | 10.57 | 12.28 | 9.33 | 10.93 | 7.83 | 1.94 | --- | --- |
| 7 | 1.48 | --- | 44.99 | 13.21 | 9.83 | 11.60 | 8.51 | 9.00 | 5.69 | 1.87 | --- | --- |
| 8 | --- | --- | 92.78 | 28.18 | 8.81 | 10.93 | 11.45 | 8.20 | 5.17 | 1.70 | --- | --- |
| 9 | --- | --- | 27.35 | 43.08 | 9.24 | 10.48 | 13.83 | 7.70 | 4.94 | 1.40 | --- | --- |
| 10 | --- | --- | 14.33 | 34.71 | 16.49 | 10.67 | 11.15 | 7.35 | 4.60 | 1.28 | --- | --- |
| 11 | --- | --- | 104.46 | 28.21 | 11.77 | 9.84 | 9.77 | 7.26 | 4.30 | 1.37 | --- | --- |
| 12 | --- | --- | 62.13 | 21.63 | 10.36 | 9.26 | 9.13 | 6.97 | 4.19 | 1.50 | --- | --- |
| 13 | --- | --- | 41.03 | 17.45 | 10.14 | 8.92 | 8.69 | 6.47 | 5.07 | 1.60 | --- | --- |
| 14 | --- | --- | 73.82 | 14.75 | 12.54 | 8.63 | 8.36 | 6.49 | 3.99 | --- | --- | --- |
| 15 | --- | --- | 51.85 | 13.30 | 11.16 | 8.37 | 7.87 | 15.28 | 3.83 | --- | --- | --- |
| 16 | --- | --- | 33.65 | 12.14 | 12.53 | 10.27 | 7.59 | 20.84 | 3.62 | --- | --- | --- |
| 17 | --- | --- | 22.55 | 11.30 | 74.66 | 8.52 | 7.24 | 13.45 | 3.22 | --- | --- | --- |
| 18 | --- | --- | 16.07 | 10.52 | 96.10 | 10.53 | 7.60 | 11.84 | 3.42 | --- | --- | --- |
| 19 | --- | --- | 13.21 | 10.05 | 67.12 | 9.63 | 6.89 | 10.67 | 3.31 | --- | --- | --- |
| 20 | --- | --- | 11.79 | 9.32 | 57.97 | 8.61 | 6.83 | 10.14 | 3.31 | --- | --- | --- |
| 21 | --- | --- | 10.70 | 9.97 | 61.86 | 13.08 | 6.94 | 9.38 | 2.80 | --- | --- | --- |
| 22 | --- | --- | 9.55 | 11.77 | 48.82 | 15.51 | 6.38 | 8.81 | 3.14 | --- | --- | --- |
| 23 | --- | --- | 8.97 | 50.70 | 37.82 | 14.27 | 7.66 | 8.37 | 3.17 | --- | --- | --- |
| 24 | --- | --- | 8.14 | 68.39 | 29.60 | 12.43 | 7.18 | 8.04 | 2.95 | --- | --- | --- |
| 25 | --- | --- | 8.07 | 41.82 | 25.27 | 11.07 | 21.85 | 7.69 | 2.76 | --- | --- | --- |
| 26 | --- | --- | 7.33 | 32.57 | 22.65 | 10.35 | 12.21 | 7.25 | 2.59 | --- | --- | --- |
| 27 | --- | --- | 6.95 | 25.63 | 22.65 | 9.67 | 10.03 | 6.56 | 2.59 | --- | --- | --- |
| 28 | --- | --- | 6.62 | 20.19 | 19.07 | 9.13 | 9.00 | 6.14 | 2.52 | --- | --- | --- |
| 29 | --- | --- | 6.28 | 16.24 | --- | 8.70 | 8.63 | 5.80 | 2.47 | --- | --- | --- |
| 30 | --- | --- | 7.89 | 14.27 | --- | 9.73 | 8.31 | 5.36 | 2.35 | --- | --- | --- |
| 31 | --- | --- | 8.44 | 13.19 | --- | 8.71 | --- | 5.37 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 8.69 | --- | 750.98 | 656.96 | 741.21 | 344.33 | 271.21 | 272.65 | 123.07 | 24.67 | --- | --- |
| MEAN | 1.24 | --- | 24.23 | 21.19 | 26.47 | 11.11 | 9.04 | 8.80 | 4.10 | 1.90 | --- | --- |
| MAX | 1.49 | --- | 104.46 | 68.39 | 96.10 | 16.63 | 21.85 | 20.84 | 7.83 | 2.72 | --- | --- |
| MIN | 0.92 | --- | 4.72 | 9.32 | 8.81 | 8.37 | 6.38 | 5.36 | 2.35 | 1.28 | --- | --- |
| PEAK | 1.49 | --- | 155.38 | 84.87 | 110.48 | 21.52 | 44.04 | 27.01 | 11.47 | 3.36 | --- | --- |
| LOW | 0.92 | --- | 3.30 | 7.06 | 8.52 | 8.24 | 6.16 | 5.36 | 2.00 | 0.66 | --- | --- |
| AC-FT | 17.23 | --- | 1489.55 | 1303.06 | 1470.17 | 682.98 | 537.94 | 540.78 | 244.10 | 48.93 | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 13.77 |
| PERIOD TOTAL MAX: | 104.46 |
| PERIOD TOTAL MIN: | 0.92 |
| PERIOD TOTAL AC-FT: | 6334.75 |
| PERIOD TOTAL PEAK: | 155.38 |
| PERIOD TOTAL LOW: | 0.66 |


Prairie Creek Below Brown Creek (PRL): Water Year 1994
Discharge (cfs)
800
700
600
500
400
300
200
100
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1994

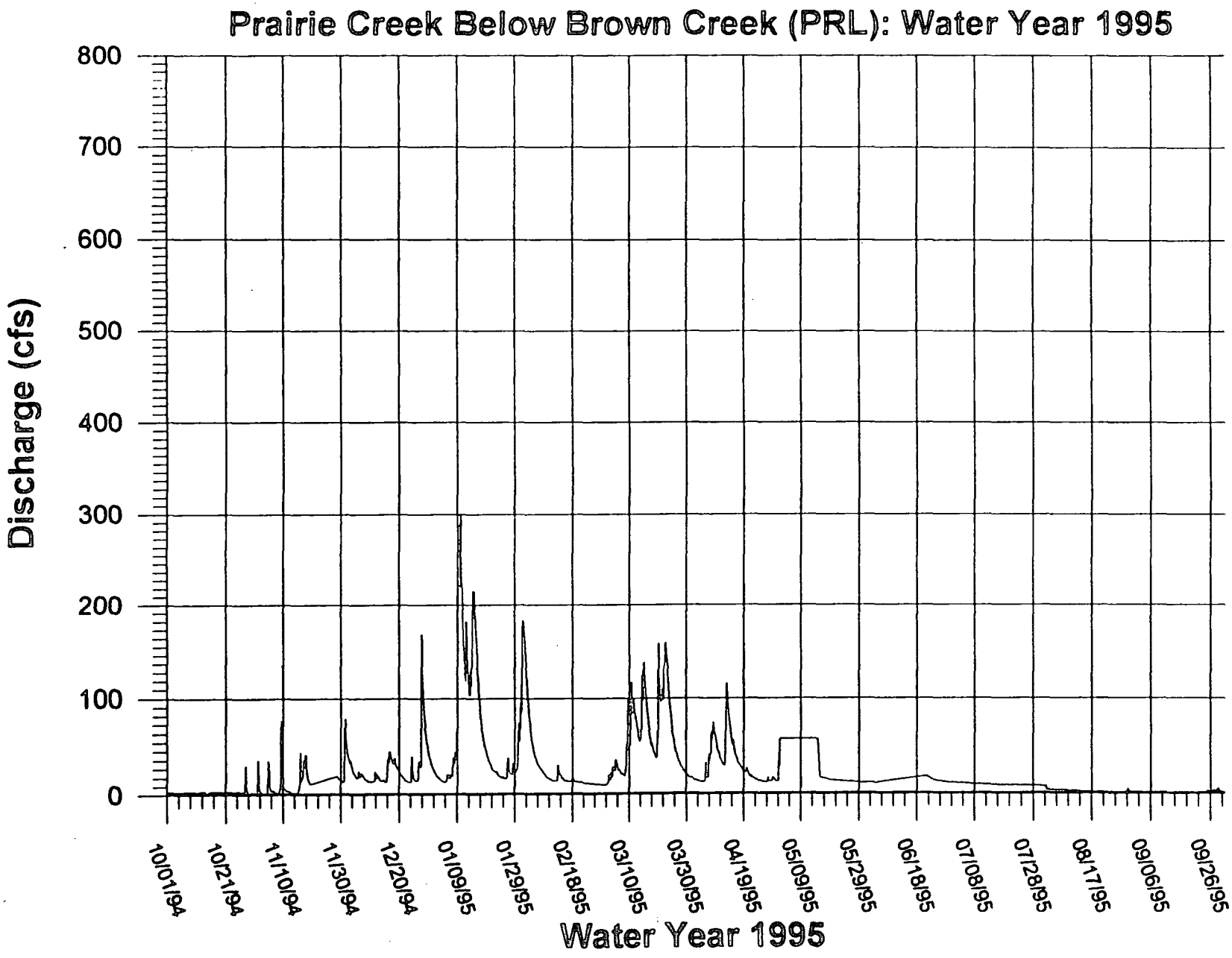
# Prairie Creek Below Brown Creek (PRL) WY95: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.96 | 12.32 | 55.22 | 22.09 | 150.58 | 10.04 | 15.74 | 35.53 | 11.94 | 11.82 | 6.13 | 1.82 |
| 2 | 3.04 | 2.58 | 39.17 | 17.89 | 97.96 | 13.98 | 14.44 | 29.63 | 11.95 | 11.47 | 4.06 | 1.70 |
| 3 | 2.98 | 0.87 | 31.71 | 14.75 | 64.81 | 19.03 | 13.96 | --- | 11.61 | 11.50 | 4.06 | 1.71 |
| 4 | 2.94 | 10.08 | 21.79 | 13.71 | 46.14 | 25.60 | 13.15 | --- | 12.26 | 11.21 | 3.82 | 1.36 |
| 5 | 2.88 | 10.33 | 18.52 | 17.88 | 35.46 | 31.60 | 19.16 | --- | 12.29 | 11.22 | 3.86 | 1.51 |
| 6 | 2.97 | 4.06 | 21.12 | 19.48 | 28.92 | 25.42 | 22.59 | --- | --- | 10.59 | 3.86 | 1.51 |
| 7 | 3.10 | 2.26 | 20.06 | 28.62 | 24.66 | 21.51 | 46.23 | --- | --- | 10.50 | 4.02 | 1.51 |
| 8 | 3.09 | 2.91 | 15.99 | 42.11 | 20.73 | 24.46 | 66.12 | --- | --- | 10.25 | 3.60 | 1.53 |
| 9 | 2.98 | 30.87 | 14.29 | 221.23 | 17.41 | 64.61 | 55.93 | --- | --- | 10.35 | 2.94 | 1.53 |
| 10 | 3.06 | 7.09 | 14.41 | 237.75 | 15.42 | 77.99 | 42.28 | --- | 18.94 | 10.16 | 3.28 | 1.71 |
| 11 | 3.05 | 4.25 | 17.15 | 137.48 | 14.43 | 89.36 | 33.51 | --- | --- | 9.83 | 2.94 | 1.35 |
| 12 | 3.23 | 3.22 | 19.46 | 142.89 | 16.94 | 73.38 | 43.64 | 29.63 | --- | 9.83 | 2.94 | 1.54 |
| 13 | 3.27 | 2.14 | 15.63 | 114.22 | 22.74 | 58.30 | 96.59 | --- | --- | 9.49 | 2.83 | 1.26 |
| 14 | 1.02 | 1.98 | 15.63 | 193.02 | 17.35 | 95.01 | 66.26 | 16.21 | 26.58 | 9.65 | 2.59 | 1.26 |
| 15 | 2.62 | 12.57 | 17.17 | 166.02 | 14.63 | 118.34 | 52.00 | 17.90 | --- | 9.56 | 2.49 | 1.71 |
| 16 | 3.35 | 23.18 | 39.22 | 104.11 | 14.18 | 80.79 | 38.93 | 16.68 | --- | 9.29 | 2.15 | 1.59 |
| 17 | 3.30 | 34.82 | 36.26 | 68.42 | 14.72 | 56.38 | 31.07 | 16.01 | --- | 9.18 | 2.16 | 1.35 |
| 18 | 3.49 | 16.93 | 34.66 | 51.11 | 15.44 | 46.30 | 26.16 | 15.34 | --- | 9.06 | 2.04 | 1.25 |
| 19 | 3.28 | 11.58 | 26.92 | 39.34 | 13.46 | 42.10 | 23.36 | 14.69 | 34.29 | 9.16 | 1.93 | 1.25 |
| 20 | 3.28 | 20.61 | 21.38 | 31.25 | 12.74 | 109.78 | 22.81 | 14.24 | 19.72 | 9.06 | 1.80 | 1.01 |
| 21 | 2.99 | 11.83 | 17.16 | 25.16 | 12.80 | 101.27 | 18.45 | 14.15 | 18.35 | 8.94 | 1.70 | 1.17 |
| 22 | 3.37 | 11.07 | 14.25 | 23.43 | 11.96 | 140.61 | 16.17 | 13.81 | 16.39 | 9.17 | 1.70 | 1.37 |
| 23 | 3.33 | 8.75 | 13.34 | 19.57 | 11.92 | 125.47 | 15.04 | 13.47 | 14.74 | 8.94 | 1.99 | 1.25 |
| 24 | 3.08 | 36.82 | 24.85 | 18.11 | 11.48 | 84.10 | 13.77 | 13.38 | 14.08 | 8.83 | 1.70 | 1.99 |
| 25 | 3.47 | 62.28 | 15.21 | 16.49 | 11.22 | 58.37 | 13.12 | 13.13 | 13.44 | 8.83 | 1.37 | 2.51 |
| 26 | 1.78 | --- | 22.43 | 27.97 | 10.89 | 43.39 | 12.68 | 12.82 | 13.35 | 8.71 | 1.37 | 2.54 |
| 27 | 5.41 | --- | 73.47 | 22.04 | 10.48 | 33.92 | 14.46 | 12.72 | 12.75 | 8.74 | 1.25 | 3.13 |
| 28 | 6.88 | 19.09 | 91.69 | 26.39 | 10.38 | 27.26 | 14.38 | 12.37 | 12.24 | 8.42 | 2.08 | 4.07 |
| 29 | 0.81 | 15.81 | 55.69 | 26.12 | --- | 23.04 | 15.41 | 12.27 | 11.81 | 8.46 | 3.39 | 2.46 |
| 30 | 1.02 | 14.19 | 37.96 | 64.81 | --- | 19.71 | 13.55 | 12.03 | 11.82 | 8.31 | 2.04 | 2.04 |
| 31 | 0.92 | --- | 28.46 | 138.52 | --- | 18.17 | --- | 11.94 | --- | 7.96 | 1.82 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 92.95 | 394.49 | 890.28 | 2092.00 | 749.87 | 1759.30 | 890.96 | 347.95 | 298.54 | 298.51 | 83.95 | 51.99 |
| MEAN | 3.00 | 14.09 | 28.72 | 67.48 | 26.78 | 56.75 | 29.70 | 16.57 | 15.71 | 9.63 | 2.71 | 1.73 |
| MAX | 6.88 | 62.28 | 91.69 | 237.75 | 150.58 | 140.61 | 96.59 | 35.53 | 34.29 | 11.82 | 6.13 | 4.07 |
| MIN | 0.81 | 0.87 | 13.34 | 13.71 | 10.38 | 10.04 | 12.68 | 11.94 | 11.61 | 7.96 | 1.25 | 1.01 |
| PEAK | 30.65 | 82.64 | 168.09 | 299.27 | 179.07 | 159.14 | 115.24 | 43.27 | 51.59 | 11.82 | 8.16 | 6.06 |
| LOW | 0.08 | 0.23 | 13.27 | 13.48 | 10.38 | 10.04 | 12.68 | 11.94 | 11.28 | 7.81 | 1.25 | 0.91 |
| AC-FT | 184.36 | 782.47 | 1765.84 | 4149.41 | 1487.35 | 3489.52 | 1767.19 | 690.14 | 592.15 | 592.08 | 166.51 | 103.13 |

PERIOD TOTAL MEAN: 23.25
PERIOD TOTAL MAX: 237.75
PERIOD TOTAL MIN: 0.81
PERIOD TOTAL AC-FT: 15770.15

PERIOD TOTAL PEAK: 299.27
PERIOD TOTAL LOW: 0.08

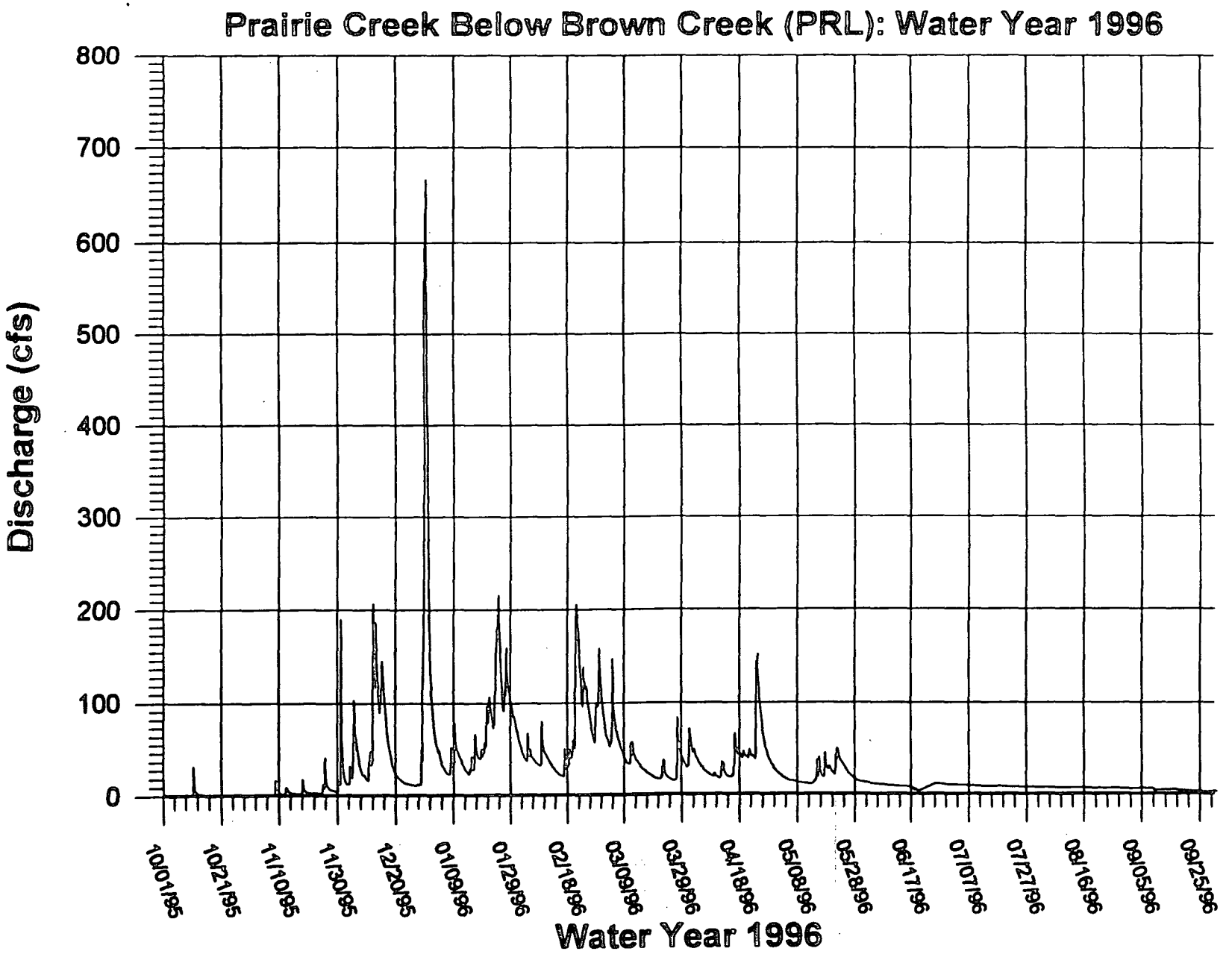

Prairie Creek Below Brown Creek (PRL): Water Year 1995
Discharge (cfs)
800
700
600
500
400
300
200
100
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

# Prairie Creek Below Brown Creek (PRL) WY96: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.71 | 0.93 | 82.77 | 109.70 | 54.18 | 97.33 | 53.40 | 22.59 | 12.56 | 10.26 | 7.73 | 6.28 |
| 2 | 1.71 | 0.82 | 18.96 | 67.51 | 43.94 | 71.19 | 45.91 | 20.22 | 12.01 | 10.27 | 7.96 | 6.17 |
| 3 | 1.71 | 0.71 | 12.36 | 50.01 | 38.99 | 57.13 | 37.85 | 17.95 | 11.59 | 9.83 | 7.73 | 6.07 |
| 4 | 1.61 | 0.70 | 22.18 | 39.15 | 50.18 | 64.86 | 32.20 | 16.35 | 11.15 | 10.17 | 7.50 | 6.72 |
| 5 | 1.26 | 0.58 | 59.25 | 30.37 | 42.62 | 93.41 | 28.53 | 14.90 | 10.81 | 9.82 | 7.68 | 6.51 |
| 6 | 1.15 | 0.94 | 59.87 | 25.02 | 37.20 | 67.39 | 24.96 | 14.54 | 10.38 | 9.72 | 7.58 | 6.40 |
| 7 | 1.04 | 0.70 | 36.53 | 23.31 | 35.08 | 54.97 | 22.29 | 13.59 | 10.50 | 9.38 | 7.40 | 6.17 |
| 8 | 1.04 | 5.10 | 24.47 | 37.97 | 33.80 | 45.12 | 20.47 | 13.15 | 9.94 | 9.73 | 7.29 | 6.18 |
| 9 | 1.03 | 8.66 | 20.19 | 50.45 | 58.19 | 37.73 | 20.95 | 12.66 | 9.60 | 9.39 | 7.29 | 4.59 |
| 10 | 1.03 | 2.96 | 22.66 | 46.57 | 44.06 | 33.59 | 18.70 | 12.40 | 9.62 | 9.39 | 7.18 | --- |
| 11 | 10.80 | 2.35 | 38.05 | 38.87 | 38.07 | 49.13 | 21.31 | 12.06 | 9.27 | 9.05 | 7.18 | --- |
| 12 | 3.48 | 6.54 | 151.72 | 31.88 | 33.14 | 43.32 | 29.67 | 11.58 | 9.17 | 9.21 | 7.18 | --- |
| 13 | 2.17 | 4.53 | 147.24 | 26.28 | 28.70 | 36.22 | 21.56 | 12.60 | 8.84 | 8.95 | 7.06 | --- |
| 14 | 1.50 | 3.12 | 100.28 | 24.54 | 24.93 | 32.04 | 18.92 | 20.92 | 8.96 | 8.84 | 7.06 | --- |
| 15 | 1.49 | 2.62 | 129.07 | 31.65 | 22.22 | 28.24 | 19.74 | 28.20 | 8.74 | 8.84 | 6.95 | --- |
| 16 | 1.14 | 2.72 | 90.40 | 46.11 | 21.37 | 25.54 | 47.72 | 21.41 | 8.40 | 9.06 | 6.95 | 5.58 |
| 17 | 1.32 | 3.25 | 57.17 | 42.31 | 35.69 | 23.00 | 46.04 | 28.16 | 7.10 | 9.39 | 6.84 | 4.63 |
| 18 | 1.32 | 8.81 | 38.79 | 42.85 | 35.38 | 20.88 | 42.58 | 28.78 | 5.51 | 9.05 | 6.74 | 4.18 |
| 19 | 0.80 | 4.00 | 27.62 | 48.20 | 43.39 | 19.15 | 43.03 | 27.10 | 4.33 | 8.72 | 6.73 | 3.83 |
| 20 | 0.81 | 2.95 | 21.48 | 67.94 | 78.49 | 17.60 | 40.81 | 22.59 | 4.15 | 8.62 | 6.61 | 3.84 |
| 21 | 0.98 | 3.29 | 17.63 | 92.49 | 183.08 | 17.33 | 44.92 | 40.05 | --- | 8.38 | 6.95 | 3.73 |
| 22 | 0.99 | 3.62 | 15.07 | 82.11 | 133.69 | 26.55 | 41.48 | 41.50 | --- | 8.39 | 6.73 | 3.62 |
| 23 | 0.70 | 2.95 | 13.59 | 110.63 | 111.95 | 23.75 | 62.77 | 33.97 | --- | 8.17 | 6.62 | 3.40 |
| 24 | 0.59 | 5.13 | 12.62 | 184.30 | 115.75 | 18.33 | 127.07 | 28.90 | --- | 8.17 | 6.62 | 3.40 |
| 25 | 0.47 | 18.02 | 11.74 | 149.65 | 95.21 | 16.21 | 86.39 | 24.12 | 12.04 | 8.06 | 6.51 | 3.29 |
| 26 | 0.70 | 10.73 | 11.30 | 98.33 | 73.08 | 15.35 | 60.35 | 20.75 | 11.60 | 7.95 | 6.96 | 3.28 |
| 27 | 1.27 | 6.58 | 11.62 | 128.27 | 62.88 | 38.89 | 45.55 | 17.97 | 11.12 | 8.09 | 6.61 | 3.29 |
| 28 | 1.15 | 5.72 | 15.04 | 113.69 | 97.05 | 48.64 | 36.54 | 15.90 | 10.94 | 8.08 | 6.51 | 3.17 |
| 29 | 0.93 | 5.00 | 182.17 | 94.15 | 134.71 | 37.31 | 30.21 | 14.37 | 10.59 | 8.11 | 6.28 | 3.17 |
| 30 | 0.81 | 13.02 | 570.97 | 80.96 | --- | 31.52 | 25.99 | 13.81 | 10.50 | 7.95 | 6.28 | 3.29 |
| 31 | 0.93 | --- | 240.10 | 67.74 | --- | 45.59 | --- | 13.20 | --- | 7.73 | 6.28 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 47.61 | 137.05 | 2262.89 | 2082.98 | 1807.04 | 1237.30 | 1197.93 | 636.29 | 249.43 | 276.76 | 216.99 | 110.80 |
| MEAN | 1.54 | 4.57 | 73.00 | 67.19 | 62.31 | 39.91 | 39.93 | 20.53 | 9.59 | 8.93 | 7.00 | 4.62 |
| MAX | 10.80 | 18.02 | 570.97 | 184.30 | 183.08 | 97.33 | 127.07 | 41.50 | 12.56 | 10.27 | 7.96 | 6.72 |
| MIN | 0.47 | 0.58 | 11.30 | 23.31 | 21.37 | 15.35 | 18.70 | 11.58 | 4.15 | 7.73 | 6.28 | 3.17 |
| PEAK | 31.99 | 41.29 | 666.05 | 215.23 | 205.91 | 146.70 | 151.75 | 50.52 | 12.81 | 10.39 | 7.96 | 6.95 |
| LOW | 0.47 | 0.58 | 10.97 | 22.30 | 19.97 | 15.16 | 17.18 | 11.48 | 4.15 | 7.73 | 6.28 | 3.17 |
| AC-FT | 94.44 | 271.84 | 4488.37 | 4131.54 | 3584.20 | 2454.16 | 2376.05 | 1262.06 | 494.73 | 548.95 | 430.40 | 219.76 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 28.83 |
| PERIOD TOTAL MAX: | 570.97 |
| PERIOD TOTAL MIN: | 0.47 |
| PERIOD TOTAL AC-FT: | 20356.52 |
| PERIOD TOTAL PEAK: | 666.05 |
| PERIOD TOTAL LOW: | 0.47 |

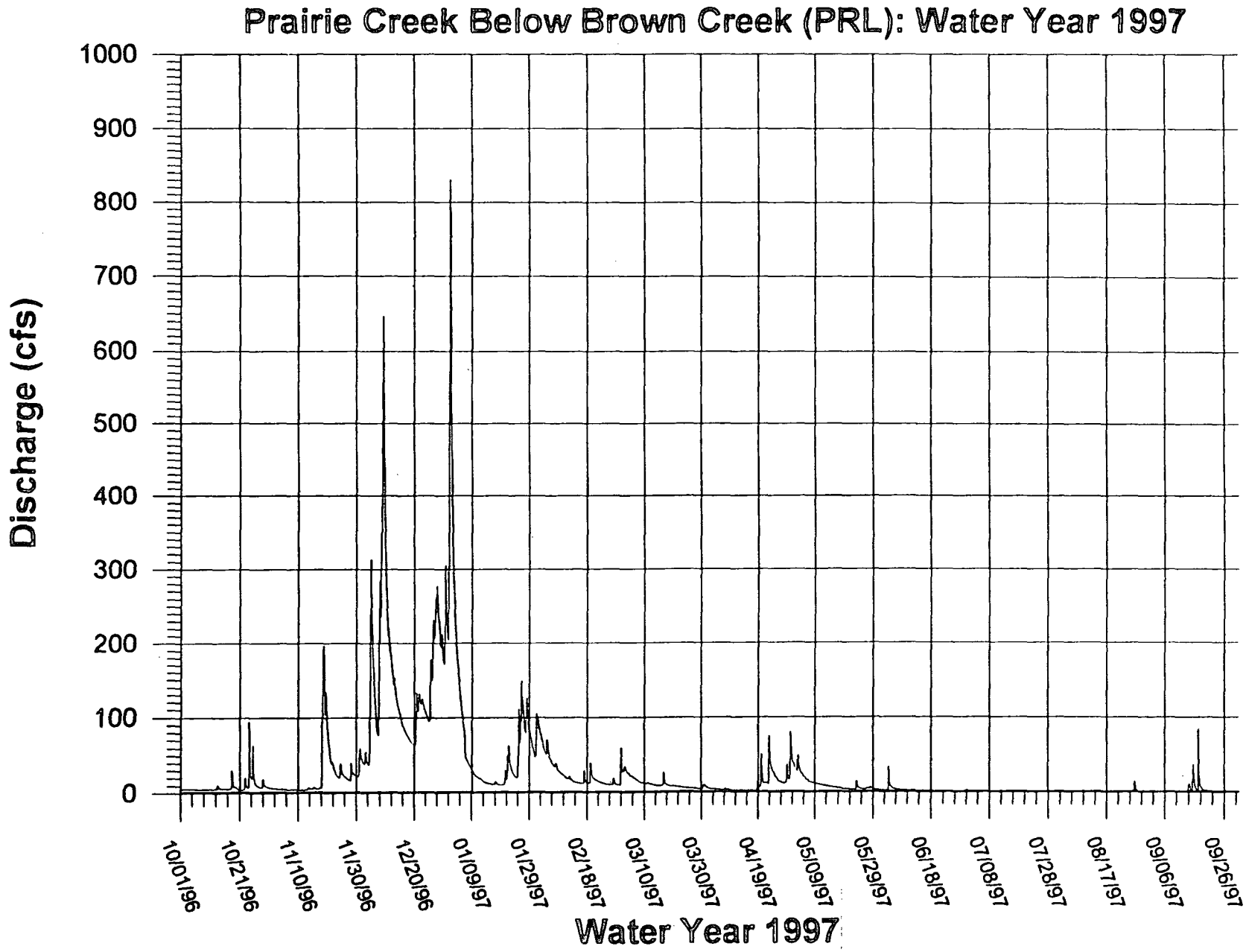

Prairie Creek Below Brown Creek (PRL): Water Year 1996
Discharge (cfs)
800
700
600
500
400
300
200
100
0
10/01/95
10/21/95
11/10/95
11/30/95
12/20/95
01/09/96
01/29/96
02/18/96
03/09/96
03/29/96
04/18/96
05/08/96
05/28/96
06/17/96
07/07/96
07/27/96
08/16/96
09/05/96
09/25/96
Water Year 1996

# Prairie Creek Below Brown Creek (PRL) WY97: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.67 | 6.64 | 49.79 | 594.03 | 86.83 | 15.31 | 5.77 | 38.19 | 3.06 | 1.88 | 0.88 | 1.28 |
| 2 | 5.67 | 6.31 | 40.39 | 340.53 | 68.83 | 32.84 | 5.16 | 32.57 | 2.79 | 1.65 | 0.89 | 1.22 |
| 3 | 5.77 | 5.97 | 44.89 | 211.15 | 54.25 | 32.04 | 4.79 | 33.64 | 12.62 | 1.57 | 0.89 | 1.23 |
| 4 | 5.57 | 5.64 | 117.16 | 151.39 | 60.05 | 25.65 | 4.34 | 24.01 | 7.01 | 1.54 | 0.89 | 1.22 |
| 5 | 5.57 | 5.53 | 203.83 | 108.61 | 44.46 | 22.11 | 3.89 | 19.48 | 4.75 | 1.57 | 0.86 | 1.22 |
| 6 | 5.57 | 5.20 | 113.19 | 70.46 | 37.00 | 19.47 | 3.58 | 15.96 | 4.10 | 1.47 | 0.81 | 1.22 |
| 7 | 5.47 | 5.19 | 131.90 | 42.51 | 35.89 | 16.42 | 4.31 | 13.81 | 3.40 | 1.42 | 0.81 | 1.09 |
| 8 | 5.37 | 5.08 | 336.08 | 34.46 | 28.23 | 14.00 | 3.85 | 12.48 | 3.04 | 1.43 | 0.81 | 1.09 |
| 9 | 5.37 | 4.85 | 469.46 | 27.74 | 24.71 | 12.88 | 3.30 | 11.64 | 2.76 | 1.48 | 0.70 | 1.23 |
| 10 | 5.28 | 4.85 | 247.76 | 22.83 | 20.97 | 12.33 | 2.85 | 10.85 | 2.72 | 1.44 | 0.76 | 1.22 |
| 11 | 5.37 | 4.74 | 192.26 | 20.00 | 19.62 | 12.26 | 2.78 | 9.75 | 2.61 | 1.32 | 0.72 | 1.09 |
| 12 | 5.67 | 4.63 | 154.93 | 17.28 | 17.69 | 11.40 | 2.84 | 9.23 | 2.55 | 1.29 | 0.81 | 1.13 |
| 13 | 8.48 | 6.47 | 132.10 | 14.24 | 14.58 | 10.12 | 2.74 | 8.42 | 2.56 | 1.22 | 0.70 | 1.66 |
| 14 | 6.39 | 6.18 | 110.22 | 12.90 | 13.56 | 9.68 | 2.71 | 7.68 | 2.38 | 1.20 | 0.72 | 7.10 |
| 15 | 6.07 | 7.43 | 96.03 | 12.05 | 12.77 | 9.53 | 2.57 | 6.97 | 2.24 | 1.16 | 0.77 | 17.56 |
| 16 | 6.17 | 6.11 | 85.00 | 11.80 | 13.93 | 14.45 | 2.74 | 6.46 | 2.19 | 1.17 | 0.72 | 5.62 |
| 17 | 6.59 | 7.73 | 76.51 | 13.01 | 18.10 | 12.04 | 2.58 | 5.74 | 2.09 | 1.17 | 0.70 | 26.05 |
| 18 | 14.74 | 138.63 | 69.50 | 10.55 | 12.63 | 9.56 | 6.37 | 5.29 | 2.05 | 1.16 | 0.69 | 5.27 |
| 19 | 8.16 | 110.21 | 63.99 | 10.80 | 28.63 | 8.70 | 8.93 | 5.02 | 1.90 | 1.13 | 0.72 | 2.66 |
| 20 | 5.49 | 61.45 | 89.07 | 19.45 | 18.61 | 9.05 | 25.46 | 4.76 | 1.84 | 1.10 | 0.83 | 2.08 |
| 21 | 4.44 | 40.59 | 121.56 | 43.18 | 16.24 | 8.22 | 12.69 | 4.28 | 1.84 | 1.19 | 0.85 | 1.77 |
| 22 | 9.57 | 29.07 | 120.54 | 36.32 | 14.19 | 7.79 | 28.30 | 4.15 | 1.69 | 1.14 | 0.77 | 1.76 |
| 23 | 8.72 | 21.66 | 110.97 | 24.92 | 13.01 | 6.85 | 37.53 | 8.89 | 1.65 | 1.08 | 0.81 | 1.63 |
| 24 | 40.59 | 29.61 | 98.97 | 21.07 | 11.78 | 6.67 | 25.80 | 5.47 | 1.65 | 1.04 | 0.96 | 1.60 |
| 25 | 29.63 | 23.93 | 128.22 | 72.66 | 11.07 | 6.19 | 18.64 | 4.44 | 1.59 | 0.96 | 0.81 | 1.53 |
| 26 | 12.20 | 19.98 | 195.99 | 119.00 | 10.60 | 5.96 | 14.52 | 4.92 | 1.58 | 0.96 | 5.34 | 2.13 |
| 27 | 8.60 | 17.59 | 245.76 | 91.23 | 14.51 | 5.77 | 12.85 | 5.50 | 1.53 | 0.97 | 2.13 | 1.64 |
| 28 | 9.30 | 30.30 | 233.43 | 104.72 | 10.80 | 5.79 | 13.38 | 5.90 | 1.54 | 0.94 | 1.53 | 1.45 |
| 29 | 11.06 | 23.44 | 199.63 | 74.85 | --- | 5.09 | 23.21 | 4.43 | 2.01 | 0.88 | 1.41 | 1.49 |
| 30 | 8.11 | 26.74 | 207.65 | 54.92 | --- | 7.08 | 50.54 | 3.58 | 2.88 | 0.89 | 1.28 | 1.35 |
| 31 | 7.13 | --- | 231.80 | 77.23 | --- | 8.57 | --- | 3.56 | --- | 0.90 | 1.32 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 277.81 | 671.75 | 4718.59 | 2465.89 | 733.54 | 383.81 | 339.00 | 337.07 | 86.62 | 38.33 | 32.90 | 98.57 |
| MEAN | 8.96 | 22.39 | 152.21 | 79.54 | 26.20 | 12.38 | 11.30 | 10.87 | 2.89 | 1.24 | 1.06 | 3.29 |
| MAX | 40.59 | 138.63 | 469.46 | 594.03 | 86.83 | 32.84 | 50.54 | 38.19 | 12.62 | 1.88 | 5.34 | 26.05 |
| MIN | 4.44 | 4.63 | 40.39 | 10.55 | 10.60 | 5.09 | 2.57 | 3.56 | 1.53 | 0.88 | 0.69 | 1.09 |
| PEAK | 94.59 | 197.56 | 648.00 | 832.32 | 95.59 | 60.29 | 81.09 | 50.32 | 34.58 | 2.00 | 14.77 | 84.33 |
| LOW | 4.30 | 4.63 | 37.39 | 10.30 | 10.30 | 4.52 | 2.27 | 3.20 | 1.43 | 0.83 | 0.63 | 1.03 |
| AC-FT | 551.02 | 1332.39 | 9359.18 | 4891.02 | 1454.95 | 761.27 | 672.40 | 668.57 | 171.80 | 76.03 | 65.25 | 195.51 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 27.90 |
| PERIOD TOTAL MAX: | 594.03 |
| PERIOD TOTAL MIN: | 0.69 |
| PERIOD TOTAL AC-FT: | 20199.39 |
| PERIOD TOTAL PEAK: | 832.32 |
| PERIOD TOTAL LOW: | 0.63 |


Prairie Creek Below Brown Creek (PRL): Water Year 1997
Discharge (cfs)
1000
900
800
700
600
500
400
300
200
100
0
10/01/96
10/21/96
11/10/96
11/30/96
12/20/96
01/09/97
01/29/97
02/18/97
03/10/97
03/30/97
04/19/97
05/09/97
05/29/97
06/18/97
07/08/97
07/28/97
08/17/97
09/06/97
09/26/97
Water Year 1997

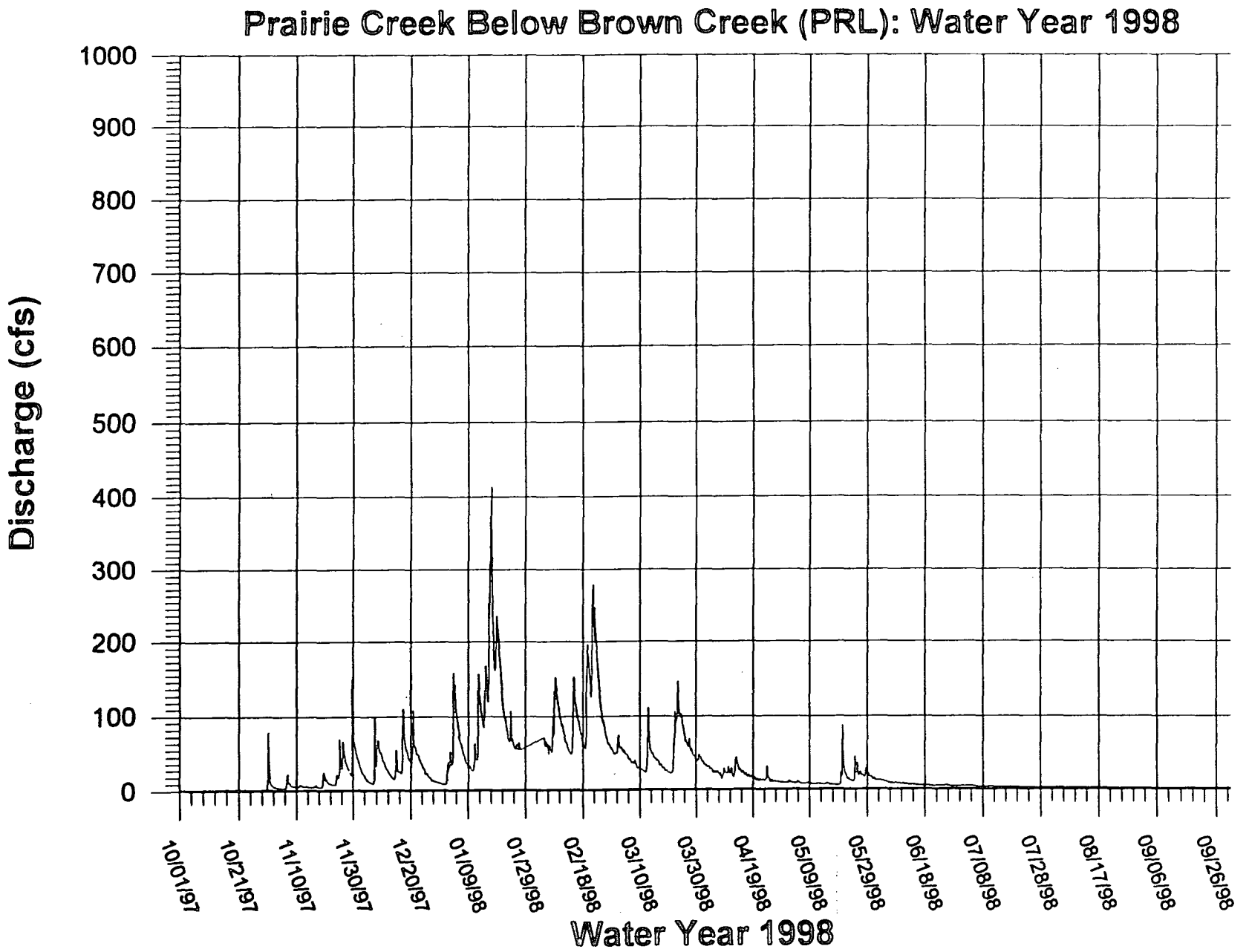
# Prairie Creek Below Brown Creek (PRL) WY98: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.53 | 7.90 | 42.72 | 17.74 | --- | 49.52 | 37.14 | 11.01 | 13.07 | 5.17 | 3.32 | 2.23 |
| 2 | --- | 5.59 | 30.11 | 38.72 | --- | 63.45 | 32.88 | 10.35 | 13.04 | 5.19 | 3.04 | 2.28 |
| 3 | --- | 4.58 | 21.65 | 65.03 | --- | 56.10 | 30.69 | 9.44 | 12.27 | 5.04 | 3.05 | 2.31 |
| 4 | --- | 4.01 | 15.90 | 119.12 | 68.86 | 51.52 | 27.32 | 10.16 | 11.14 | 5.02 | 3.02 | 2.11 |
| 5 | --- | 3.77 | 12.56 | 84.92 | 62.22 | 46.94 | 24.66 | 9.82 | 9.90 | 4.64 | 3.14 | 1.97 |
| 6 | --- | 11.27 | 10.34 | 62.88 | 57.90 | 40.72 | 24.73 | 9.05 | 9.22 | 4.19 | 3.10 | 1.74 |
| 7 | --- | 10.60 | 47.59 | 47.28 | 69.21 | 36.64 | 20.54 | 9.10 | 9.22 | 4.08 | 3.10 | 2.11 |
| 8 | --- | 6.97 | 61.52 | 36.21 | 134.15 | 35.14 | 22.56 | 9.32 | 9.18 | 4.06 | 3.10 | 2.17 |
| 9 | --- | 6.01 | 49.75 | 32.07 | 114.07 | 29.94 | 23.36 | 7.97 | 8.47 | 4.21 | 3.19 | 1.92 |
| 10 | --- | 5.94 | 37.90 | 28.55 | 90.84 | 27.99 | 25.68 | 7.79 | 8.69 | 4.21 | 3.07 | 1.51 |
| 11 | --- | 7.90 | 28.74 | 48.90 | 75.42 | 25.08 | 24.35 | 8.32 | 7.65 | 4.15 | 2.99 | 1.94 |
| 12 | --- | 5.92 | 21.98 | 99.60 | 61.76 | 52.00 | 25.65 | 8.04 | 7.17 | 3.87 | 2.93 | 2.00 |
| 13 | --- | 6.31 | 17.07 | 106.90 | 51.33 | 65.40 | 36.78 | 7.50 | 6.92 | 3.65 | 2.68 | 1.88 |
| 14 | --- | 5.53 | 32.12 | 104.55 | 89.46 | 48.01 | 26.88 | 8.17 | 6.72 | 3.61 | 2.59 | 1.70 |
| 15 | --- | 5.65 | 27.31 | 140.84 | 119.01 | 41.86 | 23.79 | 8.14 | 6.16 | 3.52 | 2.71 | 1.85 |
| 16 | --- | 6.57 | 27.36 | 278.34 | 91.74 | 37.44 | 20.50 | 7.22 | 6.00 | 3.45 | 2.65 | 1.82 |
| 17 | --- | 5.88 | 81.30 | 263.41 | 73.81 | 32.91 | 18.70 | 6.69 | 5.76 | 3.51 | 2.59 | 1.97 |
| 18 | --- | 5.59 | 54.17 | 185.74 | 59.47 | 29.18 | 17.76 | 6.28 | 5.72 | 3.46 | 2.46 | 2.52 |
| 19 | --- | 17.26 | 41.24 | 205.92 | 151.16 | 26.10 | 16.07 | 11.23 | 5.44 | 3.40 | 2.39 | 1.96 |
| 20 | --- | 14.46 | 60.34 | 148.76 | 150.44 | 23.72 | 14.21 | 43.02 | 5.15 | 3.37 | 2.65 | 1.74 |
| 21 | 2.38 | 10.55 | 59.17 | 103.23 | 226.59 | 29.90 | 13.55 | 20.72 | 5.41 | 3.36 | 2.66 | 1.62 |
| 22 | 2.31 | 9.07 | 47.71 | 80.84 | 210.33 | 83.94 | 13.48 | 14.30 | 5.58 | 3.52 | 2.64 | 1.87 |
| 23 | 2.13 | 10.26 | 38.38 | 73.25 | 153.21 | 112.98 | 18.71 | 12.52 | 5.64 | 3.51 | 2.67 | 2.34 |
| 24 | 2.06 | 20.54 | 29.75 | 66.84 | 109.70 | 100.44 | 15.46 | 22.03 | 5.65 | 3.42 | 2.31 | 2.25 |
| 25 | 1.93 | 42.41 | 22.63 | 58.54 | 85.98 | 82.08 | 11.95 | 26.33 | 6.24 | 3.21 | 2.42 | 2.43 |
| 26 | 1.92 | 52.72 | 18.02 | 59.42 | 68.85 | 65.48 | 11.50 | 22.37 | 5.14 | 3.10 | 2.50 | 1.85 |
| 27 | 1.87 | 36.17 | 14.35 | 55.57 | 60.40 | 61.57 | 11.11 | 18.98 | 4.76 | 3.04 | 2.41 | 1.89 |
| 28 | 1.89 | 25.90 | 12.61 | --- | 52.54 | 52.05 | 10.42 | 24.14 | 4.67 | 3.37 | 2.32 | 1.84 |
| 29 | 2.24 | 66.19 | 11.71 | --- | --- | 44.47 | 9.84 | 20.95 | 4.83 | 3.41 | 2.44 | 2.15 |
| 30 | 3.79 | 62.13 | 10.35 | --- | --- | 40.63 | 9.79 | 16.70 | 5.14 | 3.35 | 2.45 | 2.10 |
| 31 | 33.76 | --- | 9.44 | --- | --- | 44.56 | --- | 14.35 | --- | 3.37 | 2.19 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 57.80 | 483.64 | 995.79 | 2613.17 | 2488.43 | 1537.78 | 620.07 | 422.02 | 219.93 | 118.45 | 84.78 | 60.05 |
| MEAN | 4.82 | 16.12 | 32.12 | 96.78 | 99.54 | 49.61 | 20.67 | 13.61 | 7.33 | 3.82 | 2.73 | 2.00 |
| MAX | 33.76 | 66.19 | 81.30 | 278.34 | 226.59 | 112.98 | 37.14 | 43.02 | 13.07 | 5.19 | 3.32 | 2.52 |
| MIN | 1.53 | 3.77 | 9.44 | 17.74 | 51.33 | 23.72 | 9.79 | 6.28 | 4.67 | 3.04 | 2.19 | 1.51 |
| PEAK | 79.78 | 150.91 | 110.07 | 413.65 | 279.29 | 146.31 | 44.44 | 87.35 | 13.46 | 5.46 | 3.74 | 2.92 |
| LOW | 1.42 | 3.70 | 8.99 | 8.99 | 48.61 | 22.63 | 8.91 | 5.64 | 3.87 | 2.43 | 1.75 | 0.20 |
| AC-FT | 114.65 | 959.29 | 1975.13 | 5183.14 | 4935.73 | 3050.15 | 1229.89 | 837.06 | 436.22 | 234.95 | 168.16 | 119.11 |

PERIOD TOTAL MEAN: 28.62
PERIOD TOTAL MAX: 278.34
PERIOD TOTAL MIN: 1.51
PERIOD TOTAL AC-FT: 19243.49

PERIOD TOTAL PEAK: 413.65
PERIOD TOTAL LOW: 0.20

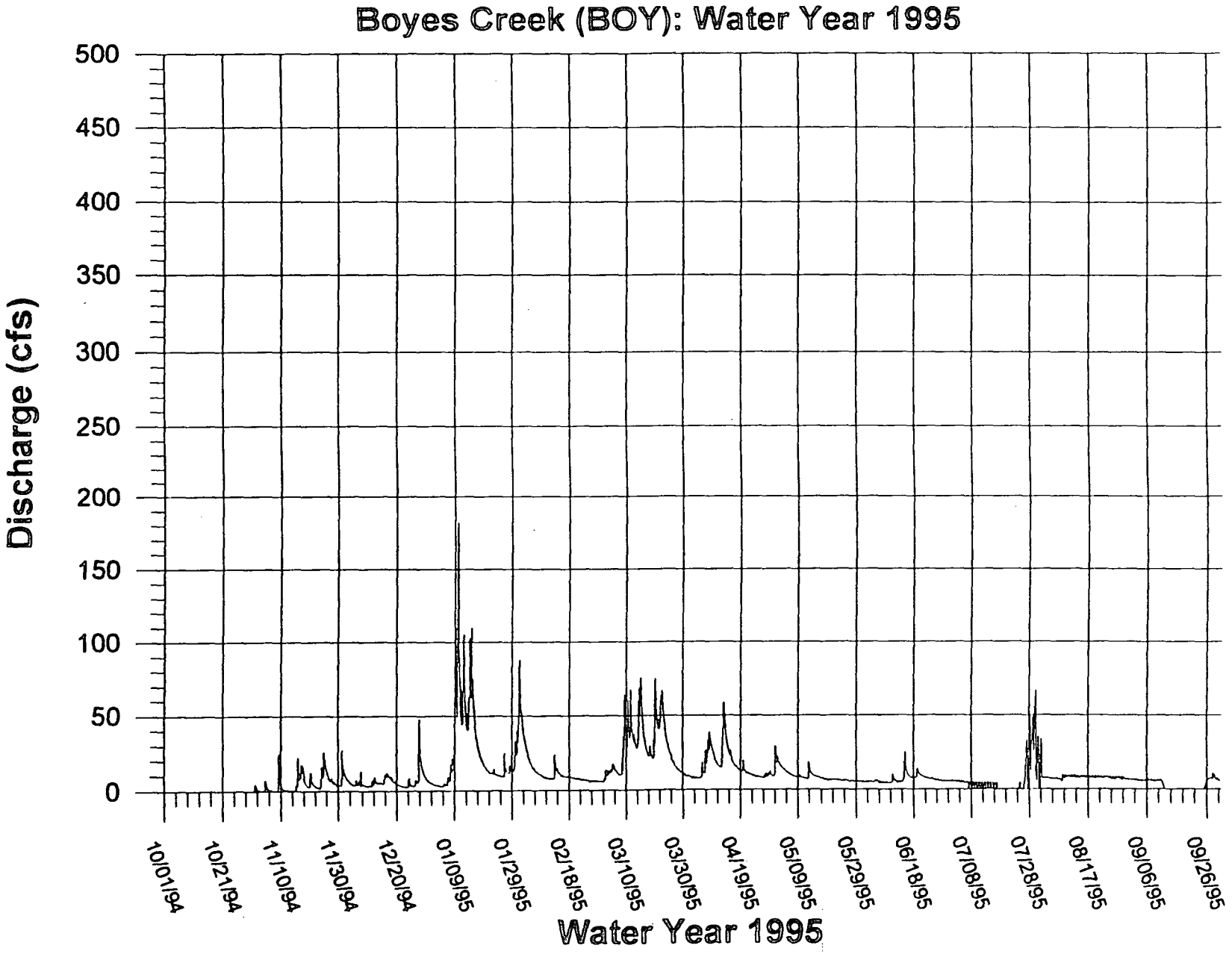

Prairie Creek Below Brown Creek (PRL): Water Year 1998
Discharge (cfs)
1000
900
800
700
600
500
400
300
200
100
0
10/01/97
10/21/97
11/10/97
11/30/97
12/20/97
01/09/98
01/29/98
02/18/98
03/10/98
03/30/98
04/19/98
05/09/98
05/29/98
06/18/98
07/08/98
07/28/98
08/17/98
09/06/98
09/26/98
Water Year 1998

# Boyes Creek (BOY) WY95: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 4.29 | 12.48 | 4.49 | 47.59 | 5.73 | 8.69 | 21.02 | 4.87 | 5.27 | 16.00 | 6.23 |
| 2 | --- | 0.46 | 8.95 | 3.63 | 32.35 | 8.51 | 7.80 | 17.25 | 5.01 | 5.26 | 7.29 | 6.13 |
| 3 | --- | 0.21 | 6.49 | 3.15 | 23.46 | 11.08 | 7.63 | 14.28 | 4.83 | 5.09 | 7.23 | 5.76 |
| 4 | --- | 1.79 | 4.39 | 2.86 | 17.55 | 12.07 | 7.57 | 12.42 | 5.26 | 4.85 | 6.92 | 5.61 |
| 5 | --- | 1.62 | 3.70 | 3.87 | 14.25 | 15.33 | 10.63 | 10.71 | 5.28 | 4.63 | 6.89 | 5.68 |
| 6 | --- | 0.58 | 4.75 | 5.35 | 11.98 | 12.40 | 13.37 | 9.82 | 4.40 | 4.55 | 6.87 | 5.84 |
| 7 | --- | 0.28 | 5.27 | 11.01 | 10.49 | 10.39 | 23.27 | 8.96 | 4.37 | 3.41 | 6.33 | 5.73 |
| 8 | --- | 0.35 | 3.89 | 17.26 | 9.53 | 15.05 | 31.48 | 8.17 | 4.26 | 2.82 | 7.32 | 5.48 |
| 9 | --- | 8.71 | 3.13 | 73.15 | 8.47 | 37.85 | 25.02 | 8.67 | 4.13 | 3.76 | 8.13 | 5.60 |
| 10 | --- | 1.90 | 3.25 | 105.88 | 7.89 | 38.53 | 18.75 | 7.88 | 6.08 | 1.79 | 8.49 | 5.87 |
| 11 | --- | 0.90 | 4.16 | 51.73 | 7.58 | 42.06 | 15.42 | 7.44 | 5.84 | 1.61 | 8.17 | 5.71 |
| 12 | --- | 0.61 | 6.48 | 70.51 | 9.39 | 35.32 | 22.50 | 10.07 | 4.73 | 3.33 | 8.29 | --- |
| 13 | --- | 0.41 | 5.16 | 44.91 | 14.29 | 29.16 | 47.23 | 11.16 | 4.72 | 1.39 | 7.90 | --- |
| 14 | --- | 0.36 | 5.14 | 74.97 | 11.20 | 51.11 | 29.01 | 8.96 | 9.52 | 1.27 | 8.04 | --- |
| 15 | --- | 5.63 | 5.93 | 59.43 | 9.75 | 56.63 | 22.89 | 8.23 | 12.98 | 1.35 | 8.41 | --- |
| 16 | --- | 9.59 | 10.23 | 36.53 | 9.18 | 33.64 | 17.69 | 7.79 | 8.43 | 1.14 | 7.97 | --- |
| 17 | --- | 14.10 | 9.05 | 25.47 | 9.07 | 23.90 | 15.25 | 7.09 | 7.98 | --- | 7.78 | --- |
| 18 | --- | 5.53 | 7.27 | 19.89 | 8.63 | 23.94 | 13.12 | 6.66 | 7.58 | --- | 7.70 | --- |
| 19 | --- | 2.85 | 5.32 | 15.76 | 8.10 | 22.76 | 12.16 | 6.30 | 11.17 | --- | 7.72 | --- |
| 20 | --- | 7.22 | 4.13 | 12.98 | 7.59 | 54.60 | 12.73 | 6.38 | 9.19 | --- | 7.79 | --- |
| 21 | --- | 3.72 | 3.29 | 11.44 | 7.37 | 43.37 | 10.78 | 6.25 | 8.05 | --- | 7.69 | --- |
| 22 | --- | 2.35 | 2.71 | 11.66 | 7.00 | 59.67 | 9.98 | 6.33 | 7.42 | --- | 7.77 | --- |
| 23 | --- | 2.43 | 2.43 | 10.44 | 6.82 | 46.50 | 9.14 | 6.03 | 6.71 | --- | 8.09 | --- |
| 24 | --- | 12.27 | 5.02 | 9.74 | 6.56 | 31.68 | 8.61 | 5.58 | 6.85 | 1.29 | 7.68 | --- |
| 25 | --- | 17.04 | 3.21 | 9.37 | 6.02 | 23.93 | 8.06 | 5.77 | 6.28 | --- | 7.27 | --- |
| 26 | --- | 9.12 | 4.68 | 13.45 | 6.03 | 18.71 | 7.70 | 5.45 | 6.12 | 12.41 | 7.21 | 6.70 |
| 27 | --- | 7.32 | 17.76 | 11.73 | 6.24 | 15.17 | 8.63 | 5.75 | 5.59 | 22.07 | 7.68 | 7.19 |
| 28 | --- | 5.39 | 18.20 | 13.90 | 5.95 | 13.11 | 9.36 | 5.17 | 5.54 | 31.57 | 6.85 | 8.69 |
| 29 | --- | 4.12 | 10.07 | 13.93 | --- | 11.51 | 10.33 | 5.22 | 5.34 | 38.94 | 6.97 | 6.64 |
| 30 | --- | 3.67 | 6.93 | 27.71 | --- | 10.12 | 9.09 | 5.14 | 5.26 | 32.68 | 6.44 | 5.59 |
| 31 | --- | --- | 5.52 | 57.55 | --- | 9.14 | --- | 4.94 | --- | 16.20 | 6.41 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | --- | 134.85 | 198.98 | 833.76 | 330.30 | 822.95 | 453.89 | 260.87 | 193.81 | 206.67 | 241.27 | 98.44 |
| MEAN | --- | 4.49 | 6.42 | 26.90 | 11.80 | 26.55 | 15.13 | 8.42 | 6.46 | 8.99 | 7.78 | 6.15 |
| MAX | --- | 17.04 | 18.20 | 105.88 | 47.59 | 59.67 | 47.23 | 21.02 | 12.98 | 38.94 | 16.00 | 8.69 |
| MIN | --- | 0.21 | 2.43 | 2.86 | 5.95 | 5.73 | 7.57 | 4.94 | 4.13 | 1.14 | 6.33 | 5.48 |
| PEAK | --- | 25.53 | 47.71 | 182.29 | 59.88 | 75.85 | 58.62 | 29.00 | 24.98 | 66.55 | 33.62 | 10.24 |
| LOW | --- | 0.15 | 2.30 | 2.69 | 5.38 | 5.66 | 7.04 | 4.57 | 3.98 | 4.02 | 5.00 | 5.15 |
| AC-FT | --- | 267.46 | 394.67 | 1653.74 | 655.14 | 1632.29 | 900.29 | 517.43 | 384.41 | 409.93 | 478.56 | 195.26 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 12.10 |
| PERIOD TOTAL MAX: | 105.88 |
| PERIOD TOTAL MIN: | 0.21 |
| PERIOD TOTAL AC-FT: | 7489.17 |
| PERIOD TOTAL PEAK: | 182.29 |
| PERIOD TOTAL LOW: | 0.15 |

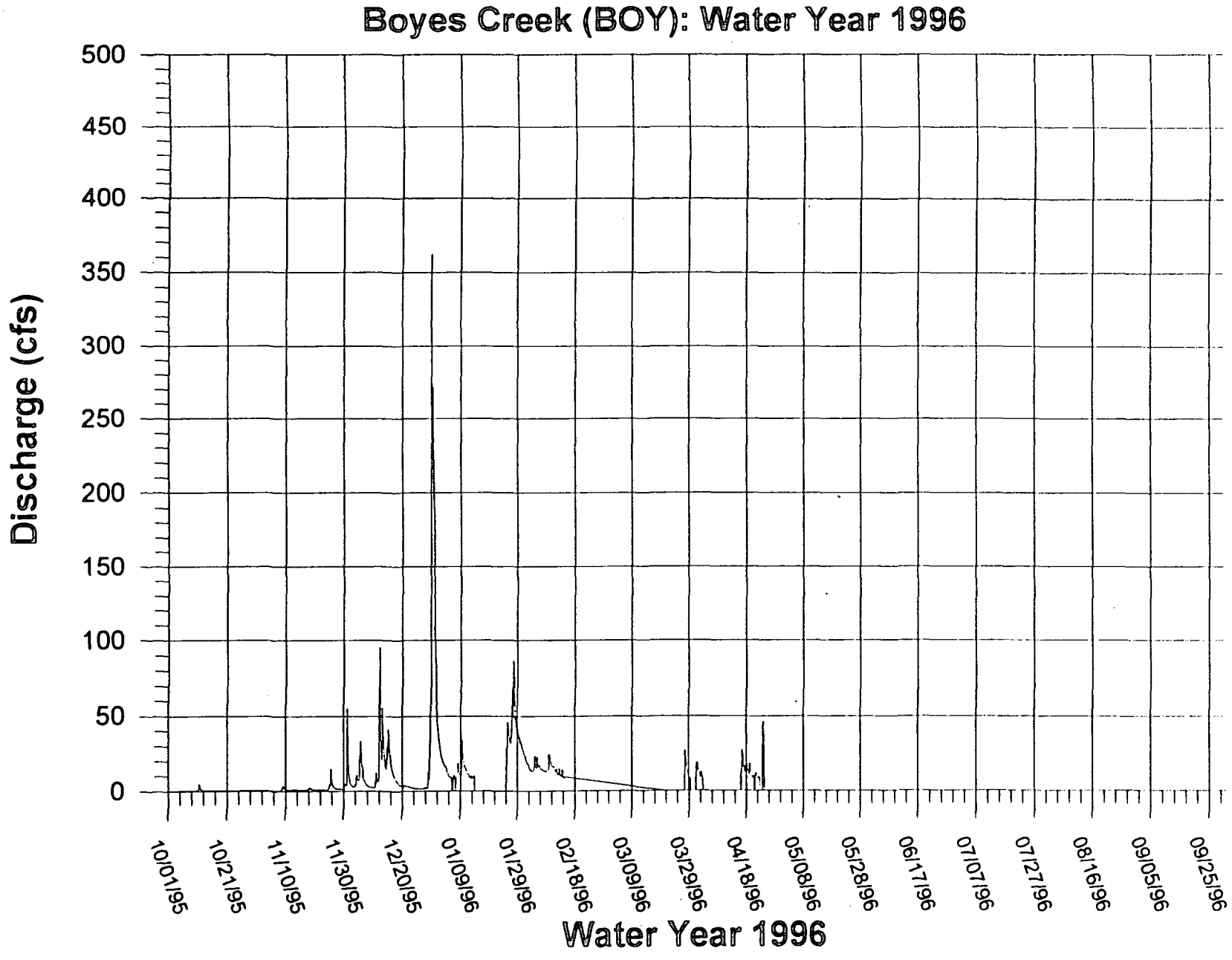

Boyes Creek (BOY): Water Year 1995
Discharge (cfs)
500
450
400
350
300
250
200
150
100
50
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

# Boyes Creek (BOY) WY96: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.06 | 0.37 | 19.41 | 35.03 | 18.12 | --- | 12.87 | --- | --- | --- | --- | --- |
| 2 | 0.06 | 0.42 | 4.13 | 22.24 | 14.00 | --- | 7.87 | --- | --- | --- | --- | --- |
| 3 | 0.10 | 0.30 | 3.01 | 16.97 | 14.45 | --- | --- | --- | --- | --- | --- | --- |
| 4 | 0.26 | 0.33 | 7.84 | 12.11 | 17.52 | --- | --- | --- | --- | --- | --- | --- |
| 5 | 0.28 | 0.46 | 18.76 | 9.06 | 16.93 | --- | --- | --- | --- | --- | --- | --- |
| 6 | 0.27 | 0.37 | 12.59 | 6.86 | 14.24 | --- | --- | --- | --- | --- | --- | --- |
| 7 | 0.28 | 0.56 | 4.86 | 8.98 | 13.19 | --- | --- | --- | --- | --- | --- | --- |
| 8 | 0.32 | 1.30 | 2.95 | 12.61 | 14.56 | --- | --- | --- | --- | --- | --- | --- |
| 9 | 0.39 | 2.47 | 2.42 | 20.21 | 19.87 | --- | --- | --- | --- | --- | --- | --- |
| 10 | 0.43 | 0.99 | 3.31 | 15.83 | 15.66 | --- | --- | --- | --- | --- | --- | --- |
| 11 | 2.13 | 0.85 | 7.51 | 11.47 | 12.90 | --- | --- | --- | --- | --- | --- | --- |
| 12 | 0.90 | 1.06 | 43.39 | 9.21 | 11.52 | --- | --- | --- | --- | --- | --- | --- |
| 13 | 0.57 | 1.03 | 31.51 | 7.62 | 10.47 | --- | --- | --- | --- | --- | --- | --- |
| 14 | 0.52 | 0.87 | 19.59 | --- | 8.95 | --- | --- | --- | --- | --- | --- | --- |
| 15 | 0.48 | 0.88 | 28.07 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 0.57 | 0.92 | 13.47 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | 0.48 | 1.06 | 7.98 | --- | --- | --- | 15.17 | --- | --- | --- | --- | --- |
| 18 | 0.50 | 1.92 | 5.24 | --- | --- | --- | 13.30 | --- | --- | --- | --- | --- |
| 19 | 0.41 | 1.09 | 3.47 | --- | --- | --- | 13.02 | --- | --- | --- | --- | --- |
| 20 | 0.39 | 0.92 | 3.32 | --- | --- | --- | 11.81 | --- | --- | --- | --- | --- |
| 21 | 0.35 | 0.94 | 3.20 | --- | --- | --- | 7.85 | --- | --- | --- | --- | --- |
| 22 | 0.26 | 0.97 | 2.86 | --- | --- | --- | 10.25 | --- | --- | --- | --- | --- |
| 23 | 0.25 | 0.81 | 2.11 | --- | --- | --- | 6.36 | --- | --- | --- | --- | --- |
| 24 | 0.27 | 1.33 | 1.88 | --- | --- | --- | 11.24 | --- | --- | --- | --- | --- |
| 25 | 0.35 | 6.26 | 1.70 | 44.11 | --- | --- | 10.69 | --- | --- | --- | --- | --- |
| 26 | 0.57 | 3.07 | 1.70 | 33.74 | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | 0.55 | 1.56 | 1.97 | 59.76 | --- | 8.97 | --- | --- | --- | --- | --- | --- |
| 28 | 0.53 | 1.41 | 3.38 | 48.20 | --- | 12.92 | --- | --- | --- | --- | --- | --- |
| 29 | 0.44 | 1.23 | 84.00 | 35.80 | --- | 1.05 | --- | --- | --- | --- | --- | --- |
| 30 | 0.45 | 3.71 | 223.20 | 30.09 | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | 0.52 | --- | 75.47 | 23.54 | --- | 5.96 | --- | --- | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 13.95 | 39.47 | 644.31 | 463.42 | 202.39 | 38.90 | 120.41 | --- | --- | --- | --- | --- |
| MEAN | 0.45 | 1.32 | 20.78 | 23.17 | 14.46 | 7.23 | 10.95 | --- | --- | --- | --- | --- |
| MAX | 2.13 | 6.26 | 223.20 | 59.76 | 19.87 | 12.92 | 15.17 | --- | --- | --- | --- | --- |
| MIN | 0.06 | 0.30 | 1.70 | 6.86 | 8.95 | 1.05 | 6.36 | --- | --- | --- | --- | --- |
| PEAK | 4.83 | 15.14 | 362.20 | 86.64 | 24.47 | 27.09 | 46.40 | --- | --- | --- | --- | --- |
| LOW | 0.01 | 0.18 | 1.49 | 8.13 | 8.16 | 8.27 | 8.27 | --- | --- | --- | --- | --- |
| AC-FT | 27.66 | 78.30 | 1277.97 | 919.18 | 401.43 | 57.32 | 238.84 | --- | --- | --- | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 10.73 |
| PERIOD TOTAL MAX: | 223.20 |
| PERIOD TOTAL MIN: | 0.06 |
| PERIOD TOTAL AC-FT: | 3000.70 |
| PERIOD TOTAL PEAK: | 362.20 |
| PERIOD TOTAL LOW: | 0.01 |

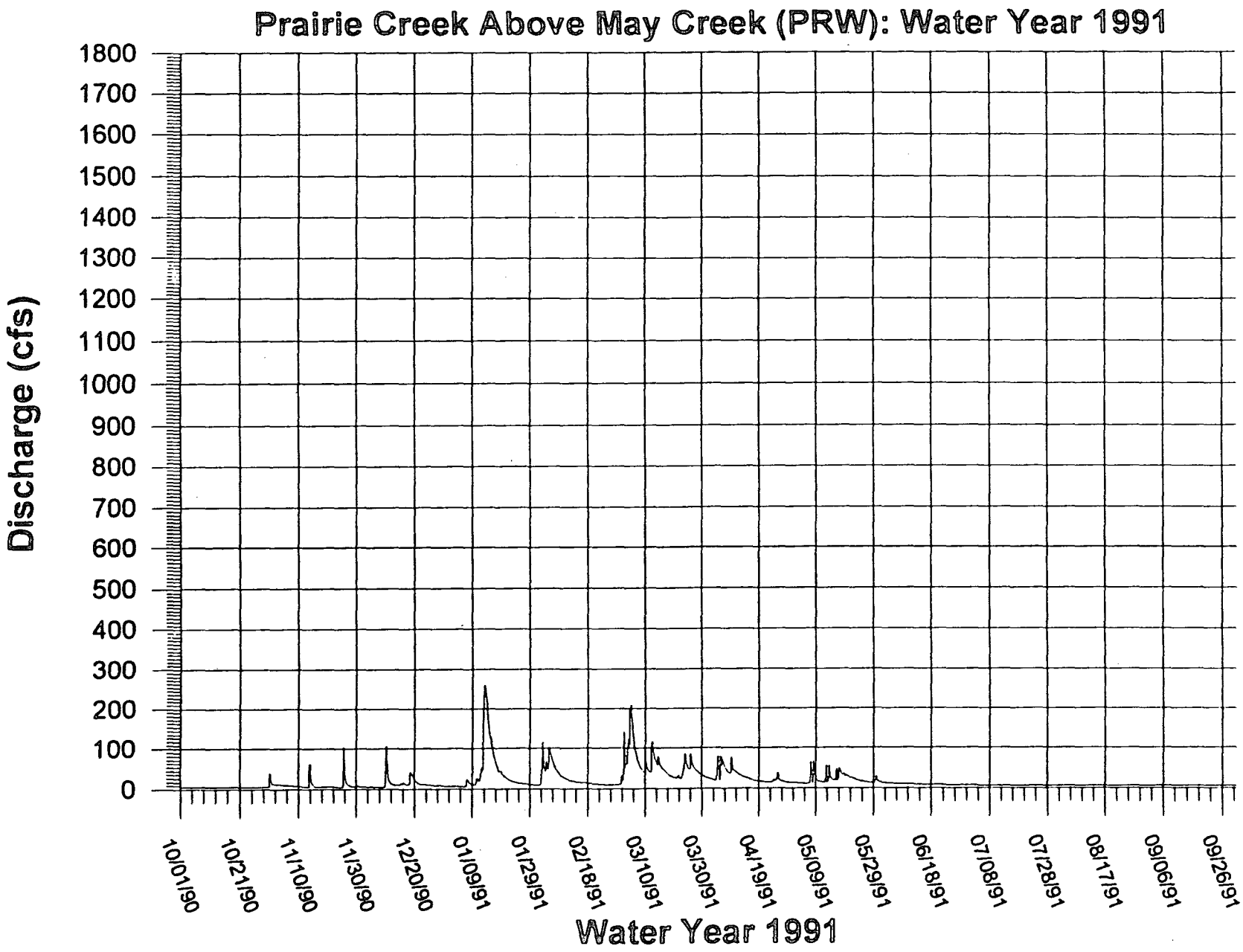

Boyes Creek (BOY): Water Year 1996
Discharge (cfs)
500
450
400
350
300
250
200
150
100
50
0
10/01/95
10/21/95
11/10/95
11/30/95
12/20/95
01/09/96
01/29/96
02/18/96
03/09/96
03/29/96
04/18/96
05/08/96
05/28/96
06/17/96
07/07/96
07/27/96
08/16/96
09/05/96
09/25/96
Water Year 1996

# Prairie Creek Above May Creek (PRW) WY91: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.10 | 13.38 | 6.06 | 6.78 | 10.64 | 13.73 | 24.23 | 12.96 | 13.28 | 6.89 | --- | --- |
| 2 | --- | --- | 5.46 | 6.59 | 67.30 | 56.23 | 22.57 | 12.26 | 11.81 | 6.54 | --- | --- |
| 3 | --- | --- | 4.93 | 6.40 | 51.18 | 65.48 | 19.57 | 11.59 | 11.23 | 6.42 | --- | --- |
| 4 | --- | --- | 5.72 | 6.40 | 70.77 | 139.45 | 72.54 | 11.21 | 10.81 | 6.49 | --- | --- |
| 5 | --- | --- | 5.59 | 6.01 | 78.61 | 165.66 | 46.85 | 10.53 | 10.33 | 6.15 | --- | --- |
| 6 | --- | --- | 4.65 | 6.77 | 55.96 | 98.61 | 61.33 | 11.72 | 9.98 | 6.05 | --- | --- |
| 7 | --- | --- | 4.68 | 19.70 | 42.20 | 66.46 | 45.69 | 33.48 | 9.90 | 5.87 | --- | --- |
| 8 | --- | --- | 4.47 | 12.61 | 33.67 | 49.12 | 36.88 | 36.91 | 9.40 | 5.84 | --- | --- |
| 9 | --- | --- | 5.15 | 10.43 | 28.18 | 41.60 | 53.46 | 18.54 | 9.34 | 6.25 | --- | --- |
| 10 | --- | --- | 58.62 | 18.60 | 24.52 | 53.77 | 42.05 | 15.68 | 9.03 | 6.10 | --- | --- |
| 11 | --- | --- | 20.53 | 24.10 | 21.10 | 39.94 | 36.02 | 14.37 | 8.95 | 6.13 | --- | --- |
| 12 | --- | --- | 11.81 | 93.25 | 18.99 | 90.07 | 32.08 | 36.25 | 8.91 | 5.81 | --- | --- |
| 13 | --- | 23.86 | 10.10 | 239.15 | 17.12 | 70.44 | 28.40 | 27.53 | 8.38 | 5.84 | --- | --- |
| 14 | --- | 17.37 | 10.28 | 164.77 | 15.75 | 65.24 | 25.51 | 23.19 | 8.43 | 6.25 | --- | --- |
| 15 | --- | 5.67 | 13.10 | 115.19 | 15.05 | 54.58 | 23.28 | 19.93 | 8.07 | --- | --- | --- |
| 16 | --- | 5.10 | 13.91 | 78.30 | 14.86 | 45.23 | 20.47 | 24.86 | 7.91 | --- | --- | --- |
| 17 | --- | 5.10 | 10.38 | 57.44 | 14.15 | 38.14 | 18.73 | 41.98 | 7.64 | --- | --- | --- |
| 18 | --- | --- | 25.72 | 42.63 | 13.07 | 32.42 | 17.25 | 33.29 | 7.50 | --- | --- | --- |
| 19 | --- | --- | 31.31 | 34.78 | 11.91 | 28.86 | 16.33 | 30.43 | 9.01 | --- | --- | --- |
| 20 | --- | 6.06 | 19.04 | 27.73 | 11.27 | 26.75 | 15.60 | 27.28 | 8.03 | --- | --- | --- |
| 21 | --- | 5.68 | 12.99 | 22.62 | 11.24 | 28.09 | 14.28 | 24.56 | 7.64 | --- | --- | --- |
| 22 | --- | 5.31 | 10.86 | 18.83 | 10.73 | 24.11 | 14.24 | 21.78 | 7.39 | --- | --- | --- |
| 23 | --- | 4.75 | 10.61 | 16.67 | 10.19 | 48.51 | 14.92 | 19.04 | 7.26 | --- | --- | --- |
| 24 | --- | 4.65 | 9.91 | 15.10 | 9.17 | 66.08 | 18.38 | 17.10 | 7.38 | --- | --- | --- |
| 25 | --- | 39.54 | 9.38 | 13.73 | 8.99 | 49.89 | 25.51 | 16.26 | 7.30 | --- | --- | --- |
| 26 | --- | 17.20 | 8.87 | 13.09 | 8.73 | 65.43 | 18.37 | 14.77 | 7.22 | --- | --- | --- |
| 27 | --- | 8.63 | 8.29 | 11.89 | 8.60 | 47.69 | 15.60 | 13.50 | 7.03 | --- | --- | --- |
| 28 | --- | 6.23 | 9.12 | 11.28 | 9.55 | 39.78 | 14.49 | 12.80 | 7.32 | --- | --- | --- |
| 29 | --- | 6.16 | 7.81 | 10.20 | --- | 34.15 | 13.74 | 16.89 | 6.66 | --- | --- | --- |
| 30 | 5.10 | 7.80 | 7.21 | 9.65 | --- | 30.37 | 12.88 | 19.17 | 6.87 | --- | --- | 6.13 |
| 31 | 25.21 | --- | 6.78 | 9.63 | --- | 26.74 | --- | 13.83 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 35.40 | 182.51 | 373.32 | 1130.32 | 693.49 | 1702.65 | 821.22 | 643.68 | 260.00 | 86.62 | --- | 6.13 |
| MEAN | 11.80 | 10.74 | 12.04 | 36.46 | 24.77 | 54.92 | 27.37 | 20.76 | 8.67 | 6.19 | --- | 6.13 |
| MAX | 25.21 | 39.54 | 58.62 | 239.15 | 78.61 | 165.66 | 72.54 | 41.98 | 13.28 | 6.89 | --- | 6.13 |
| MIN | 5.10 | 4.65 | 4.47 | 6.01 | 8.60 | 13.73 | 12.88 | 10.53 | 6.66 | 5.81 | --- | 6.13 |
| PEAK | 40.20 | 104.80 | 106.65 | 260.88 | 116.92 | 208.41 | 79.07 | 65.23 | 13.69 | 7.04 | --- | 6.13 |
| LOW | 5.10 | 4.35 | 4.08 | 5.98 | 8.60 | 10.33 | 12.88 | 10.32 | 6.64 | 5.81 | --- | 6.13 |
| AC-FT | 70.22 | 362.00 | 740.46 | 2241.96 | 1375.51 | 3377.15 | 1628.87 | 1276.72 | 515.71 | 171.81 | --- | 12.15 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 24.03 |
| PERIOD TOTAL MAX: | 239.15 |
| PERIOD TOTAL MIN: | 4.47 |
| PERIOD TOTAL AC-FT: | 11772.57 |
| PERIOD TOTAL PEAK: | 260.88 |
| PERIOD TOTAL LOW: | 4.08 |

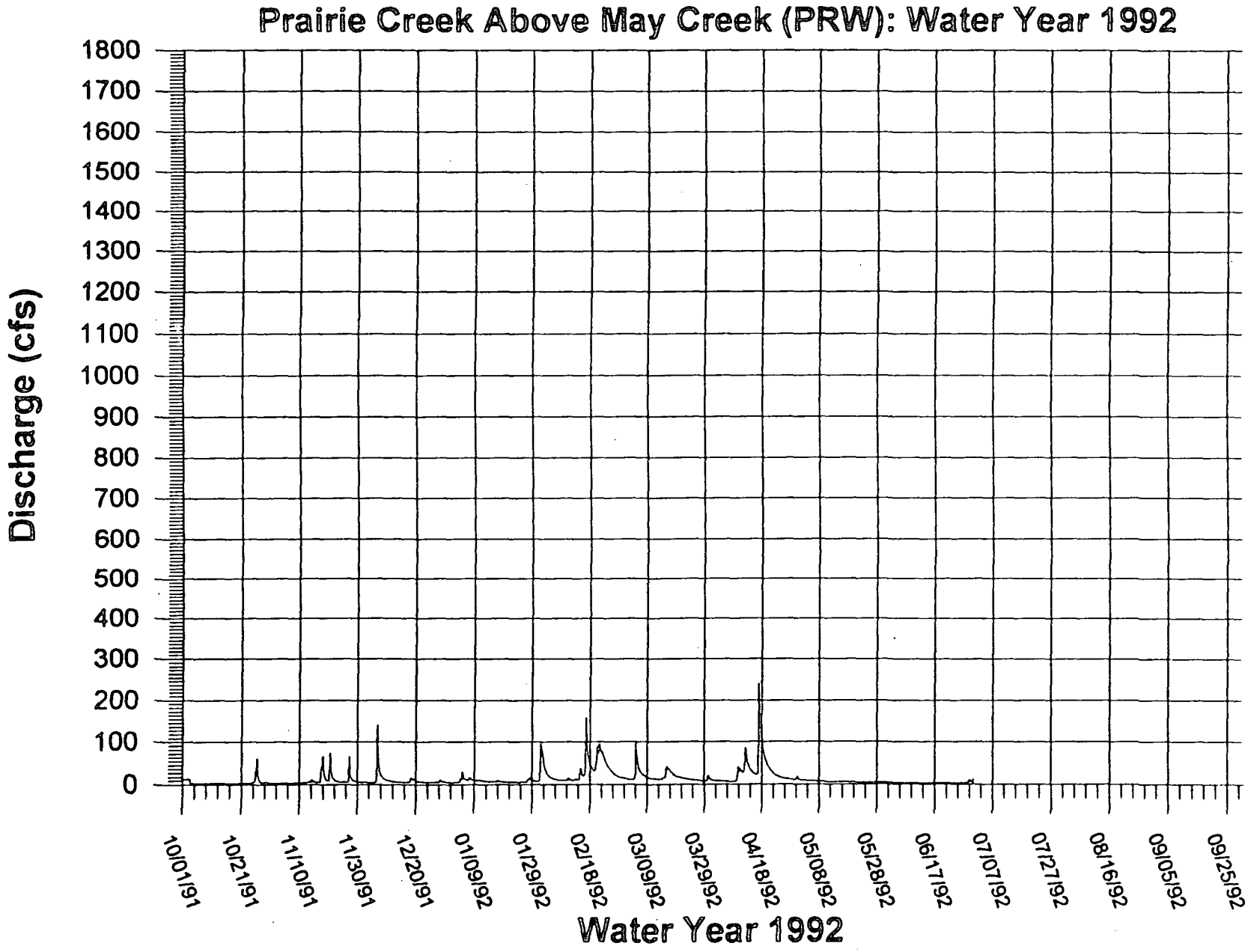

Prairie Creek Above May Creek (PRW): Water Year 1991
Discharge (cfs)
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/90
10/21/90
11/10/90
11/30/90
12/20/90
01/09/91
01/29/91
02/18/91
03/10/91
03/30/91
04/19/91
05/09/91
05/29/91
06/18/91
07/08/91
07/28/91
08/17/91
09/06/91
09/26/91
Water Year 1991

# Prairie Creek Above May Creek (PRW) WY92: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.19 | 3.26 | 5.43 | 4.74 | 69.35 | 14.20 | 9.13 | 10.10 | 4.20 | --- | --- | --- |
| 2 | --- | 3.02 | 5.36 | 5.08 | 33.67 | 12.14 | 8.09 | 9.71 | 4.19 | --- | --- | --- |
| 3 | 7.02 | 3.07 | 5.06 | 5.47 | 21.68 | 10.86 | 7.64 | 8.64 | 3.91 | --- | --- | --- |
| 4 | 3.30 | 3.27 | 4.73 | 14.01 | 16.29 | 14.80 | 7.39 | 8.38 | 3.92 | --- | --- | --- |
| 5 | 3.36 | 3.23 | 4.66 | 17.11 | 13.10 | 61.58 | 6.75 | 8.16 | 3.75 | --- | --- | --- |
| 6 | 3.55 | 3.51 | 42.20 | 11.11 | 11.20 | 31.21 | 6.42 | 7.50 | 3.76 | --- | --- | --- |
| 7 | 3.44 | 3.41 | 38.88 | 14.61 | 9.94 | 23.15 | 6.06 | 7.39 | 3.61 | --- | --- | --- |
| 8 | 3.48 | 4.26 | 17.56 | 11.11 | 9.82 | 18.97 | 6.53 | 7.06 | 3.76 | --- | --- | --- |
| 9 | 3.58 | 4.69 | 12.17 | 9.94 | 10.24 | 15.95 | 19.66 | 6.84 | 3.75 | --- | --- | --- |
| 10 | 3.55 | 4.26 | 9.53 | 10.34 | 12.24 | 14.01 | 32.91 | 6.45 | 3.40 | --- | --- | --- |
| 11 | 3.29 | 3.97 | 7.81 | 9.36 | 10.00 | 13.23 | 29.76 | 6.06 | 2.90 | --- | --- | --- |
| 12 | 3.28 | 4.68 | 7.18 | 8.10 | 11.65 | 12.01 | 64.43 | 6.12 | 3.53 | --- | --- | --- |
| 13 | 3.28 | 6.31 | 6.39 | 7.60 | 11.30 | 11.33 | 41.48 | 5.63 | 3.78 | --- | --- | --- |
| 14 | 3.23 | 8.92 | 5.97 | 7.18 | 23.63 | 14.94 | 30.12 | 5.72 | 3.74 | --- | --- | --- |
| 15 | 3.21 | 5.33 | 5.60 | 7.01 | 21.68 | 28.01 | 23.71 | 5.66 | 3.74 | --- | --- | --- |
| 16 | 3.23 | 5.30 | 5.42 | 7.36 | 80.85 | 35.30 | 65.50 | 5.53 | 3.47 | --- | --- | --- |
| 17 | 3.41 | 34.53 | 6.00 | 7.74 | 63.17 | 27.06 | 142.89 | 5.34 | 3.61 | --- | --- | --- |
| 18 | 3.26 | 24.21 | 12.70 | 6.50 | 40.13 | 21.22 | 82.35 | 5.00 | 3.58 | --- | --- | --- |
| 19 | 3.22 | 9.09 | 11.26 | 6.01 | 32.70 | 18.05 | 53.97 | 5.13 | 3.59 | --- | --- | --- |
| 20 | 3.25 | 39.39 | 7.94 | 5.84 | 71.12 | 15.77 | 38.55 | 4.79 | 3.73 | --- | --- | --- |
| 21 | 3.25 | 14.81 | 7.04 | 5.61 | 84.09 | 14.45 | 29.81 | 4.67 | 3.46 | --- | --- | --- |
| 22 | 3.69 | 8.61 | 6.25 | 5.29 | 69.56 | 12.95 | 22.99 | 4.51 | 3.28 | --- | --- | --- |
| 23 | 3.78 | 6.44 | 5.86 | 5.22 | 51.51 | 11.81 | 19.58 | 4.53 | 3.51 | --- | --- | --- |
| 24 | 4.03 | 5.61 | 5.50 | 5.21 | 38.84 | 10.58 | 16.43 | 4.52 | 3.26 | --- | --- | --- |
| 25 | 10.90 | 5.21 | 5.47 | 6.09 | 30.52 | 10.18 | 14.24 | 4.58 | 3.26 | --- | --- | --- |
| 26 | 34.08 | 8.56 | 5.37 | 5.70 | 23.86 | 9.46 | 13.03 | 4.29 | 3.28 | --- | --- | --- |
| 27 | 6.69 | 26.49 | 5.93 | 9.59 | 19.64 | 9.19 | 12.45 | 4.46 | 3.37 | --- | --- | --- |
| 28 | 4.43 | 9.79 | 8.87 | 13.94 | 16.63 | 8.03 | 11.36 | 4.32 | 4.82 | --- | --- | --- |
| 29 | 5.25 | 7.28 | 6.73 | 8.53 | 15.17 | 7.92 | 11.06 | 4.33 | 7.58 | --- | --- | --- |
| 30 | 3.94 | 6.20 | 5.77 | 7.36 | --- | 15.57 | 14.74 | 4.17 | 3.78 | --- | --- | --- |
| 31 | 3.54 | --- | 5.07 | 27.80 | --- | 10.78 | --- | 4.18 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 159.72 | 276.69 | 289.73 | 276.54 | 923.54 | 534.72 | 849.02 | 183.78 | 113.55 | --- | --- | --- |
| MEAN | 5.32 | 9.22 | 9.35 | 8.92 | 31.85 | 17.25 | 28.30 | 5.93 | 3.78 | --- | --- | --- |
| MAX | 34.08 | 39.39 | 42.20 | 27.80 | 84.09 | 61.58 | 142.89 | 10.10 | 7.58 | --- | --- | --- |
| MIN | 3.21 | 3.02 | 4.66 | 4.74 | 9.82 | 7.92 | 6.06 | 4.17 | 2.90 | --- | --- | --- |
| PEAK | 61.85 | 74.79 | 141.11 | 96.81 | 159.70 | 99.40 | 240.68 | 11.44 | 12.09 | --- | --- | --- |
| LOW | 1.71 | 3.01 | 4.42 | 4.74 | 9.37 | 7.58 | 5.77 | 4.02 | 0.65 | --- | --- | --- |
| AC-FT | 316.79 | 548.80 | 574.67 | 548.52 | 1831.82 | 1060.60 | 1684.00 | 364.52 | 225.22 | --- | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 13.21 |
| PERIOD TOTAL MAX: | 142.89 |
| PERIOD TOTAL MIN: | 2.90 |
| PERIOD TOTAL AC-FT: | 7154.92 |
| PERIOD TOTAL PEAK: | 240.68 |
| PERIOD TOTAL LOW: | 0.65 |

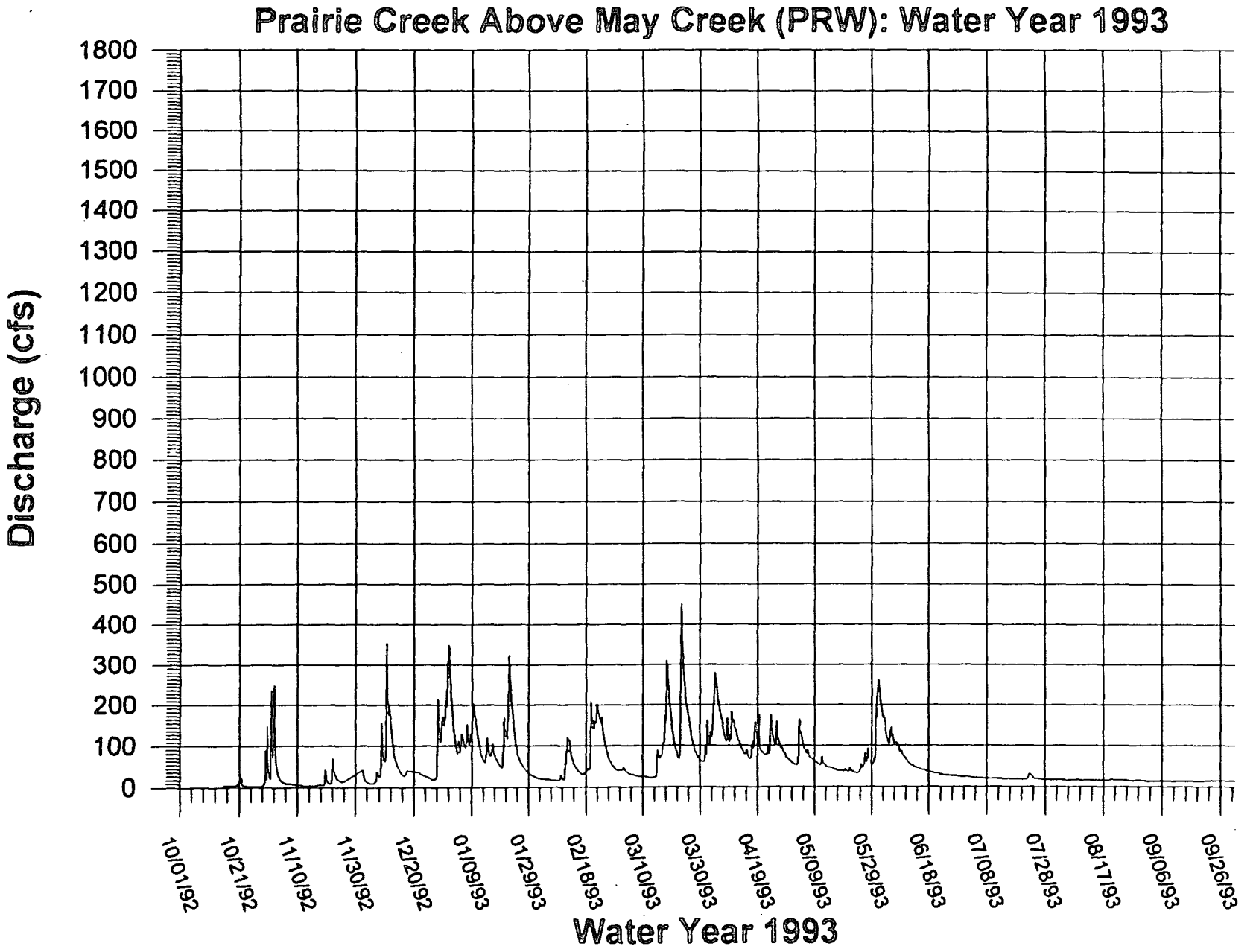

Prairie Creek Above May Creek (PRW): Water Year 1992
Discharge (cfs)
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/91
10/21/91
11/10/91
11/30/91
12/20/91
01/09/92
01/29/92
02/18/92
03/09/92
03/29/92
04/18/92
05/08/92
05/28/92
06/17/92
07/07/92
07/27/92
08/16/92
09/05/92
09/25/92
Water Year 1992

# Prairie Creek Above May Creek (PRW) WY93: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 125.24 | --- | 259.07 | 20.79 | 39.48 | 116.69 | 57.28 | 189.66 | 24.08 | 16.34 | 12.50 |
| 2 | --- | 108.59 | 34.59 | 151.62 | 19.83 | 40.95 | 114.86 | 53.48 | 159.08 | 23.09 | 16.17 | 13.03 |
| 3 | --- | 27.88 | 13.96 | 92.46 | 18.85 | 42.98 | 166.16 | 121.13 | 115.47 | 22.28 | 15.88 | 12.89 |
| 4 | --- | 14.96 | 10.55 | 92.07 | 18.44 | 34.95 | 256.79 | 113.62 | 120.67 | 22.35 | 15.18 | 13.37 |
| 5 | --- | 11.13 | 9.21 | 115.86 | 17.28 | 31.00 | 203.27 | 87.31 | 122.69 | 21.12 | 15.94 | 14.28 |
| 6 | --- | 8.79 | 12.67 | 101.18 | 15.37 | 29.65 | 164.55 | 82.47 | 105.18 | 21.22 | 16.34 | 13.85 |
| 7 | --- | 8.78 | 31.23 | 121.35 | 15.81 | 27.29 | 126.07 | 69.86 | 96.17 | 20.21 | 16.11 | 13.82 |
| 8 | --- | 7.12 | 61.37 | 118.04 | 16.89 | 26.12 | 129.00 | 64.73 | 82.84 | 20.42 | 16.78 | 13.89 |
| 9 | --- | 6.23 | 74.42 | 175.99 | 22.95 | 25.29 | 122.65 | 61.09 | 71.30 | 19.34 | 15.35 | 13.37 |
| 10 | --- | 5.47 | 201.83 | 151.20 | 26.99 | 24.88 | 160.88 | 54.40 | 64.35 | 19.31 | 15.51 | 13.19 |
| 11 | --- | 5.11 | 179.15 | 103.08 | 87.58 | 23.35 | 134.54 | 60.40 | 56.28 | 19.37 | 15.88 | 13.20 |
| 12 | --- | 4.77 | 112.87 | 74.30 | 94.00 | 21.97 | 108.79 | 54.16 | 51.32 | 18.39 | 14.94 | --- |
| 13 | --- | 4.75 | 68.73 | 62.46 | 64.67 | 22.98 | 90.86 | 48.79 | 47.46 | 18.44 | 15.17 | --- |
| 14 | --- | 4.77 | 47.15 | 95.85 | 47.53 | 36.05 | 79.72 | 45.89 | 44.71 | 18.25 | 15.28 | --- |
| 15 | 2.11 | 4.47 | 34.48 | 78.30 | 38.04 | 74.74 | 79.45 | 44.33 | 41.19 | 18.92 | 16.35 | --- |
| 16 | 4.18 | 5.20 | 28.16 | 89.83 | 31.37 | 82.06 | 72.29 | 40.80 | 40.00 | 17.84 | 15.81 | --- |
| 17 | 4.54 | 6.42 | 37.34 | 69.88 | 34.04 | 137.67 | 102.92 | 39.22 | 37.45 | 17.85 | 15.29 | --- |
| 18 | 4.72 | 5.29 | --- | 55.27 | 41.46 | 264.42 | 135.76 | 37.61 | 35.96 | 17.84 | 14.94 | --- |
| 19 | 4.85 | 22.42 | --- | 52.62 | 102.54 | 184.58 | 106.48 | 40.43 | 32.84 | 17.91 | 17.18 | --- |
| 20 | 8.75 | 10.64 | --- | 130.88 | 150.81 | 122.23 | 84.58 | 37.69 | 32.15 | 17.18 | 16.54 | --- |
| 21 | 20.67 | 20.75 | 36.69 | 169.14 | 170.82 | 86.27 | 77.37 | 41.97 | 31.78 | 17.32 | 16.11 | --- |
| 22 | 5.73 | 41.70 | 30.55 | 253.92 | 174.34 | 80.73 | 84.40 | 36.70 | 29.80 | 26.61 | 15.76 | --- |
| 23 | 3.89 | 20.32 | 27.42 | 160.39 | 156.11 | 349.45 | 128.71 | 34.39 | 28.32 | 25.22 | 15.95 | --- |
| 24 | 3.69 | 14.42 | 24.35 | 102.74 | 112.80 | 249.43 | 119.19 | 35.41 | 27.59 | 19.52 | 15.41 | --- |
| 25 | 3.53 | 11.77 | 20.90 | 71.95 | 82.48 | 183.31 | 117.84 | 48.96 | 26.81 | 18.75 | 14.43 | --- |
| 26 | 3.50 | --- | 19.02 | 54.89 | 63.07 | 141.28 | 108.90 | 62.15 | 26.58 | 17.71 | 14.43 | --- |
| 27 | 3.46 | --- | 23.17 | 44.32 | 50.22 | 104.34 | 92.35 | 69.39 | 26.30 | 16.87 | 14.43 | --- |
| 28 | 3.86 | --- | 139.28 | 37.01 | 42.64 | 82.65 | 80.05 | 62.36 | 25.16 | 16.95 | 14.58 | --- |
| 29 | 10.76 | --- | 138.59 | 31.35 | --- | 70.53 | 69.81 | 56.98 | 23.49 | 16.83 | 14.73 | --- |
| 30 | 58.52 | --- | 168.45 | 27.56 | --- | 62.43 | 62.71 | 146.32 | 23.78 | 16.26 | 14.53 | 13.54 |
| 31 | 40.77 | --- | 267.26 | 24.12 | --- | 69.51 | --- | 241.01 | --- | 16.39 | 13.15 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 187.64 | 507.02 | 1853.38 | 3168.69 | 1737.72 | 2772.56 | 3497.65 | 2050.30 | 1816.36 | 603.83 | 480.49 | 160.94 |
| MEAN | 11.04 | 20.28 | 68.64 | 102.22 | 62.06 | 89.44 | 116.59 | 66.14 | 60.55 | 19.48 | 15.50 | 13.41 |
| MAX | 58.52 | 125.24 | 267.26 | 259.07 | 174.34 | 349.45 | 256.79 | 241.01 | 189.66 | 26.61 | 17.18 | 14.28 |
| MIN | 2.11 | 4.47 | 9.21 | 24.12 | 15.37 | 21.97 | 62.71 | 34.39 | 23.49 | 16.26 | 13.15 | 12.50 |
| PEAK | 192.61 | 250.71 | 353.98 | 347.23 | 208.48 | 450.82 | 279.72 | 263.27 | 219.30 | 32.00 | 18.37 | 14.28 |
| LOW | 3.33 | 4.47 | 8.78 | 23.01 | 15.33 | 21.01 | 59.30 | 32.88 | 22.56 | 15.42 | 12.60 | 11.83 |
| AC-FT | 372.18 | 1005.65 | 3676.13 | 6285.01 | 3446.72 | 5499.28 | 6937.49 | 4066.72 | 3602.69 | 1197.68 | 953.04 | 319.21 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 58.14 |
| PERIOD TOTAL MAX: | 349.45 |
| PERIOD TOTAL MIN: | 2.11 |
| PERIOD TOTAL AC-FT: | 37361.81 |
| PERIOD TOTAL PEAK: | 450.82 |
| PERIOD TOTAL LOW: | 3.33 |

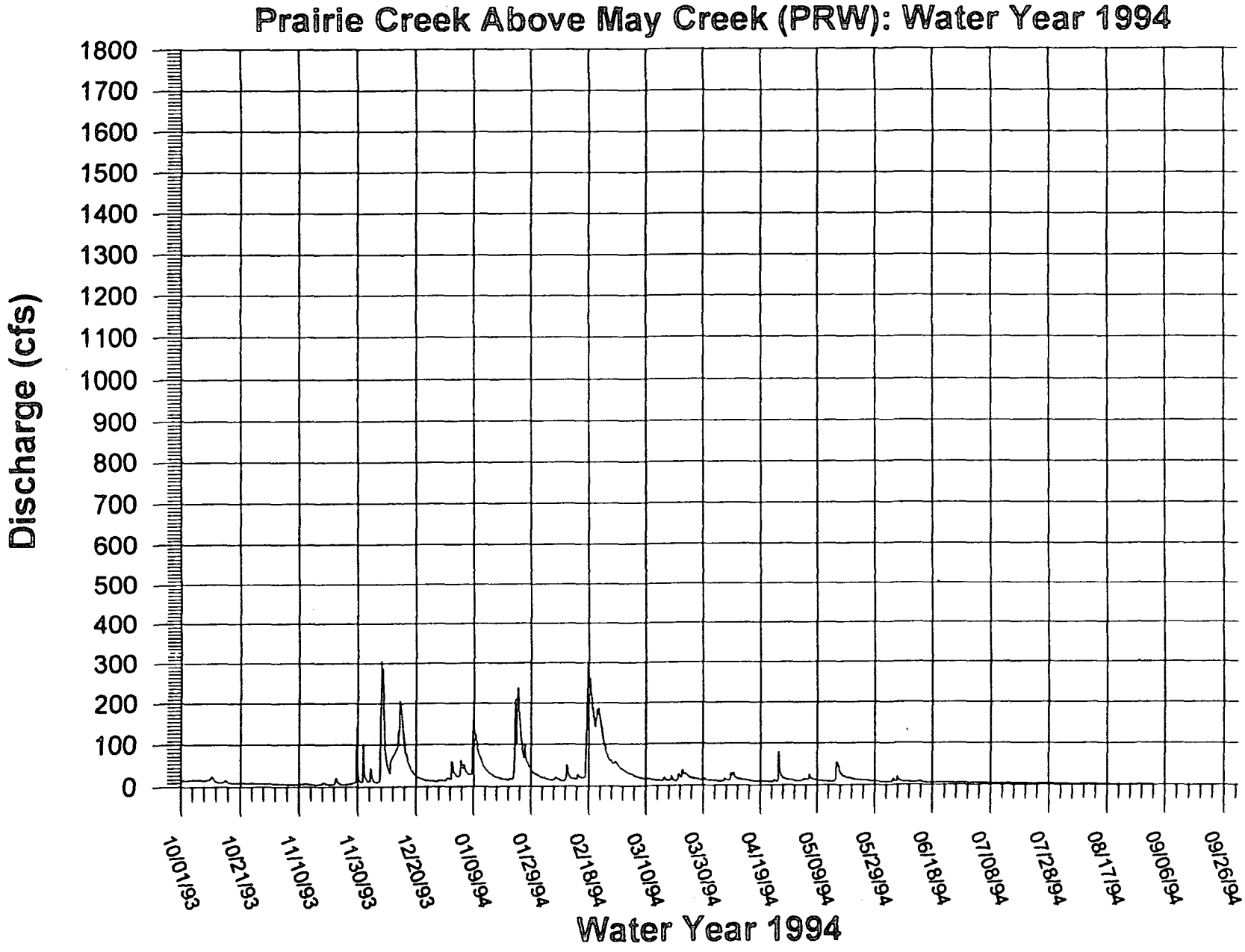

Prairie Creek Above May Creek (PRW): Water Year 1993
Discharge (cfs)
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/92
10/21/92
11/10/92
11/30/92
12/20/92
01/09/93
01/29/93
02/18/93
03/10/93
03/30/93
04/19/93
05/09/93
05/29/93
06/18/93
07/08/93
07/28/93
08/17/93
09/06/93
09/26/93
Water Year 1993

# Prairie Creek Above May Creek (PRW) WY94: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.42 | 7.22 | 35.77 | 41.49 | 22.18 | 40.99 | 11.77 | 10.66 | 7.31 | 5.01 | --- | --- |
| 2 | 14.87 | 6.96 | 21.38 | 29.99 | 20.06 | 36.49 | 11.57 | 9.78 | 7.03 | 5.24 | --- | --- |
| 3 | 15.92 | 6.35 | 12.47 | 23.31 | 17.34 | 31.68 | 11.41 | 10.59 | 7.07 | 4.54 | --- | --- |
| 4 | 16.91 | 6.70 | 28.34 | 42.30 | 15.42 | 28.91 | 9.96 | 13.99 | 11.31 | 4.57 | --- | --- |
| 5 | 17.19 | 6.19 | 12.30 | 46.71 | 14.70 | 26.17 | 9.73 | 13.08 | 9.92 | 4.28 | --- | --- |
| 6 | 16.00 | 5.80 | 10.63 | 34.40 | 18.92 | 22.39 | 13.42 | 18.73 | 12.55 | 4.31 | --- | --- |
| 7 | 16.83 | 5.71 | 92.96 | 28.60 | 16.51 | 20.29 | 12.21 | 13.72 | 8.57 | 4.13 | --- | --- |
| 8 | 15.23 | 5.70 | 228.63 | 76.93 | 13.11 | 18.11 | 18.86 | 12.04 | 7.33 | 4.12 | --- | --- |
| 9 | 14.93 | 5.96 | 75.12 | 120.01 | 13.63 | 17.45 | 26.48 | 10.67 | 7.33 | 4.11 | --- | --- |
| 10 | 17.17 | 6.83 | 38.14 | 86.40 | 35.03 | 17.52 | 18.32 | 10.90 | 6.99 | 3.73 | --- | --- |
| 11 | 22.30 | 7.02 | 58.58 | 66.21 | 22.82 | 15.62 | 14.84 | 9.78 | 6.84 | 3.77 | --- | --- |
| 12 | 14.40 | 7.35 | --- | 47.51 | 18.05 | 13.80 | 13.48 | 9.32 | 6.82 | 4.15 | --- | --- |
| 13 | 10.82 | 6.00 | 106.26 | 38.09 | 18.48 | 13.07 | 12.60 | 8.87 | 8.12 | 4.14 | --- | --- |
| 14 | 10.42 | 5.46 | 175.32 | 32.09 | 24.30 | 12.96 | 11.96 | 8.44 | 6.66 | --- | --- | --- |
| 15 | 12.39 | 5.01 | 125.03 | 27.12 | 20.45 | 11.75 | 10.62 | 25.14 | 5.92 | --- | --- | --- |
| 16 | 12.26 | 5.74 | 76.48 | 22.42 | 23.38 | 16.28 | 9.95 | 44.50 | 5.63 | --- | --- | --- |
| 17 | 10.02 | 6.72 | 51.94 | 21.03 | 207.98 | 12.09 | 10.16 | 25.83 | 5.79 | --- | --- | --- |
| 18 | 9.06 | 8.47 | 37.06 | 18.17 | 241.42 | 15.54 | 9.26 | 20.46 | 5.44 | --- | --- | --- |
| 19 | 8.26 | 6.29 | 28.10 | 16.92 | 179.74 | 13.46 | 9.48 | 17.28 | 5.27 | --- | --- | --- |
| 20 | 8.85 | 5.50 | 22.93 | 15.64 | 157.28 | 11.22 | 8.60 | 16.56 | 5.46 | --- | --- | --- |
| 21 | 9.22 | 5.68 | 19.59 | 17.30 | 175.82 | 24.18 | 8.86 | 14.51 | 5.44 | --- | --- | --- |
| 22 | 8.91 | 15.21 | 16.64 | 21.76 | 137.44 | 26.15 | 8.22 | 13.19 | 5.26 | --- | --- | --- |
| 23 | 8.23 | 8.53 | 15.08 | 137.41 | 97.34 | 28.76 | 9.72 | 12.11 | 5.18 | --- | --- | --- |
| 24 | 8.62 | 5.98 | 13.99 | 197.90 | 74.87 | 24.47 | 9.46 | 11.03 | 4.99 | --- | --- | --- |
| 25 | 8.37 | 5.51 | 13.38 | 112.39 | 62.43 | 19.16 | 38.80 | 11.27 | 5.00 | --- | --- | --- |
| 26 | 8.11 | 6.28 | 12.97 | 77.55 | 55.09 | 16.93 | 21.86 | 10.65 | 4.76 | --- | --- | --- |
| 27 | 8.32 | 7.28 | 13.25 | 60.70 | 56.17 | 15.61 | 16.03 | 9.34 | 4.76 | --- | --- | --- |
| 28 | 7.99 | 9.41 | 14.93 | 45.43 | 47.81 | 14.30 | 13.31 | 8.50 | 4.82 | --- | --- | --- |
| 29 | 7.98 | 46.97 | 13.80 | 35.06 | --- | 13.16 | 12.02 | 8.24 | 4.86 | --- | --- | --- |
| 30 | 8.00 | 15.44 | 16.88 | 29.80 | --- | 13.98 | 11.92 | 7.66 | 4.57 | --- | --- | --- |
| 31 | 7.95 | --- | 18.53 | 26.14 | --- | 12.39 | --- | 7.64 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 369.96 | 253.27 | 1406.49 | 1596.75 | 1807.78 | 604.88 | 404.88 | 424.51 | 197.00 | 56.11 | --- | --- |
| MEAN | 11.93 | 8.44 | 46.88 | 51.51 | 64.56 | 19.51 | 13.50 | 13.69 | 6.57 | 4.32 | --- | --- |
| MAX | 22.30 | 46.97 | 228.63 | 197.90 | 241.42 | 40.99 | 38.80 | 44.50 | 12.55 | 5.24 | --- | --- |
| MIN | 7.95 | 5.01 | 10.63 | 15.64 | 13.11 | 11.22 | 8.22 | 7.64 | 4.57 | 3.73 | --- | --- |
| PEAK | 25.58 | 140.83 | 307.18 | 238.20 | 296.58 | 44.22 | 79.81 | 55.20 | 19.20 | 5.47 | --- | --- |
| LOW | 7.26 | 4.43 | 10.38 | 15.13 | 11.78 | 9.70 | 7.13 | 7.09 | 4.17 | 3.40 | --- | --- |
| AC-FT | 733.81 | 502.35 | 2789.73 | 3167.11 | 3585.68 | 1199.77 | 803.08 | 842.00 | 390.75 | 111.29 | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 24.99 |
| PERIOD TOTAL MAX: | 241.42 |
| PERIOD TOTAL MIN: | 3.73 |
| PERIOD TOTAL AC-FT: | 14125.55 |
| PERIOD TOTAL PEAK: | 307.18 |
| PERIOD TOTAL LOW: | 3.40 |

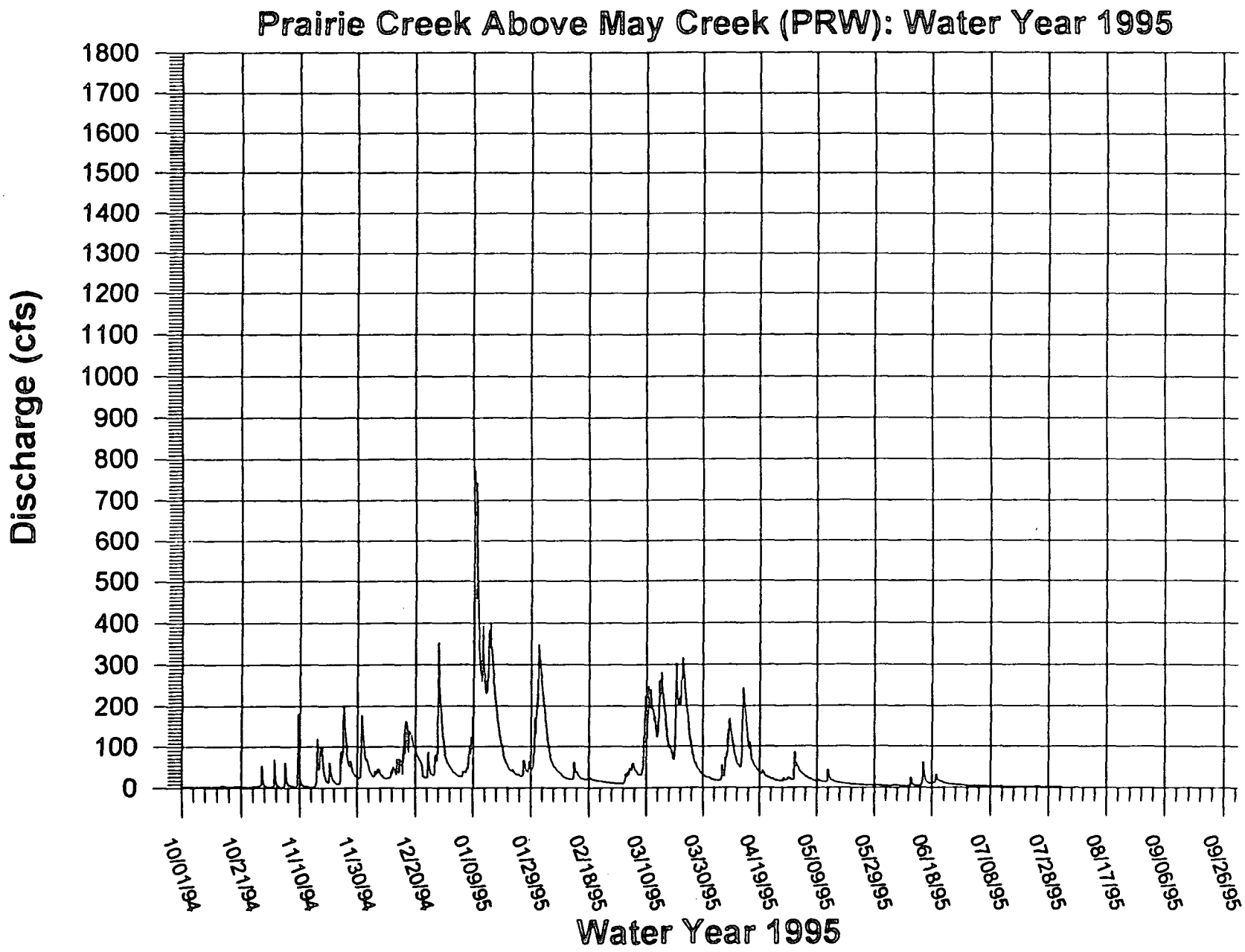

Prairie Creek Above May Creek (PRW): Water Year 1994
Discharge (cfs)
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1994

# Prairie Creek Above May Creek (PRW) WY95: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.51 | 22.80 | 123.75 | 44.81 | 271.82 | 10.13 | 23.23 | 60.51 | 4.91 | 4.57 | 0.83 | --- |
| 2 | 3.13 | 4.81 | 84.32 | 35.52 | 198.28 | 18.54 | 19.46 | 47.78 | 4.92 | 4.80 | --- | --- |
| 3 | 2.66 | 2.53 | 62.20 | 30.14 | 136.43 | 31.96 | 17.38 | 35.45 | 4.69 | 4.35 | --- | --- |
| 4 | 2.36 | 13.64 | 37.47 | 27.04 | 85.72 | 42.28 | 16.79 | 29.36 | 5.53 | 3.94 | --- | --- |
| 5 | 2.47 | 19.83 | 28.57 | 34.00 | 60.52 | 53.61 | 27.71 | 24.91 | 6.14 | 3.75 | --- | --- |
| 6 | 2.36 | 5.70 | 37.15 | 40.34 | 47.74 | 39.82 | 36.51 | 21.15 | --- | 3.77 | --- | --- |
| 7 | 2.39 | 3.89 | 40.48 | 68.44 | 39.58 | 31.61 | 88.55 | 18.16 | 4.20 | 3.20 | --- | --- |
| 8 | 2.79 | 3.29 | 29.34 | 110.85 | 32.59 | 40.29 | 146.95 | 15.48 | 3.81 | 3.38 | --- | --- |
| 9 | 2.79 | 69.15 | 22.96 | 525.09 | 25.84 | 162.23 | 109.19 | 16.95 | 3.80 | 3.63 | --- | --- |
| 10 | 2.92 | 11.04 | 23.95 | 508.87 | 22.48 | 176.98 | 72.70 | 14.72 | 9.72 | 3.33 | --- | --- |
| 11 | 2.54 | 4.80 | 30.83 | 284.22 | 20.24 | 208.48 | 55.45 | 14.30 | 7.70 | 3.03 | --- | --- |
| 12 | 3.13 | 3.91 | 43.59 | 312.89 | 24.80 | 176.71 | 81.29 | 20.64 | 4.59 | 2.79 | --- | --- |
| 13 | 2.95 | 2.68 | 48.38 | 241.99 | 42.29 | 136.73 | 212.94 | 25.58 | 4.19 | 2.79 | --- | --- |
| 14 | 4.81 | 2.41 | 55.61 | 352.14 | 29.16 | 210.16 | 141.07 | 16.83 | 13.90 | 2.63 | --- | --- |
| 15 | 4.07 | 21.68 | 66.68 | 313.90 | 21.71 | 247.23 | 96.03 | 13.83 | 31.13 | 2.63 | --- | --- |
| 16 | 3.00 | 56.05 | 127.71 | 221.85 | 20.05 | 173.63 | 65.35 | 12.04 | 12.58 | 2.63 | --- | --- |
| 17 | 2.86 | 88.32 | 135.89 | 158.83 | 21.79 | 111.03 | 50.19 | 11.09 | 10.92 | 2.47 | --- | --- |
| 18 | 3.08 | 31.89 | 126.56 | 110.99 | 23.27 | 89.40 | 40.50 | 10.25 | 11.63 | 2.48 | --- | --- |
| 19 | 3.60 | 13.71 | 99.41 | 79.05 | 19.04 | 77.62 | 33.13 | 9.64 | 21.99 | 2.34 | --- | --- |
| 20 | 2.74 | 37.95 | 80.64 | 58.33 | 18.27 | 230.64 | 35.68 | 8.92 | 16.10 | 2.20 | --- | --- |
| 21 | 2.75 | 18.68 | 66.84 | 43.97 | 15.93 | 208.99 | 26.41 | 8.44 | 13.09 | 2.48 | --- | --- |
| 22 | 2.80 | 10.82 | 36.88 | 42.27 | 15.25 | 277.68 | 23.80 | 7.81 | 10.81 | 2.41 | --- | --- |
| 23 | 2.53 | 10.24 | 23.98 | 34.14 | 14.12 | 246.84 | 20.40 | 8.01 | 9.38 | 2.20 | --- | --- |
| 24 | 2.64 | 75.31 | 53.69 | 31.91 | 13.27 | 174.16 | 18.62 | 7.12 | 7.98 | 2.13 | --- | --- |
| 25 | 3.48 | 157.25 | 32.80 | 27.85 | 12.25 | 112.77 | 17.01 | 6.94 | 7.32 | 2.06 | --- | --- |
| 26 | 4.07 | 74.57 | 47.16 | 51.32 | 11.64 | 75.90 | 15.03 | 6.14 | 6.46 | 2.34 | --- | --- |
| 27 | 8.36 | 55.44 | 151.94 | 40.66 | 10.88 | 56.82 | 18.88 | 6.37 | 6.19 | 2.01 | --- | --- |
| 28 | 17.39 | 36.94 | 213.47 | 50.43 | 10.15 | 43.84 | 19.22 | 5.88 | 5.68 | 1.92 | --- | --- |
| 29 | 3.44 | 28.09 | 125.77 | 47.90 | --- | 34.80 | 22.71 | 5.94 | 5.31 | 1.81 | --- | --- |
| 30 | 2.25 | 25.04 | 75.50 | 145.61 | --- | 29.45 | 18.06 | 5.14 | 4.79 | 1.81 | --- | --- |
| 31 | 2.31 | --- | 56.09 | 272.12 | --- | 25.46 | --- | 5.14 | --- | 1.65 | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 112.18 | 912.47 | 2189.60 | 4347.49 | 1265.11 | 3555.79 | 1570.22 | 500.54 | 259.46 | 87.54 | 0.83 | --- |
| MEAN | 3.62 | 30.42 | 70.63 | 140.24 | 45.18 | 114.70 | 52.34 | 16.15 | 8.95 | 2.82 | 0.83 | --- |
| MAX | 17.39 | 157.25 | 213.47 | 525.09 | 271.82 | 277.68 | 212.94 | 60.51 | 31.13 | 4.80 | 0.83 | --- |
| MIN | 2.25 | 2.41 | 22.96 | 27.04 | 10.15 | 10.13 | 15.03 | 5.14 | 3.80 | 1.65 | 0.83 | --- |
| PEAK | 54.48 | 198.89 | 354.10 | 773.19 | 312.26 | 316.06 | 244.21 | 85.48 | 61.45 | 5.00 | 1.69 | --- |
| LOW | 1.71 | 1.97 | 21.62 | 25.74 | 10.15 | 9.80 | 14.14 | 5.14 | 3.48 | 1.48 | 1.47 | --- |
| AC-FT | 222.51 | 1809.86 | 4343.00 | 8623.11 | 2509.30 | 7052.80 | 3114.49 | 992.80 | 514.62 | 173.63 | 1.65 | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 48.69 |
| PERIOD TOTAL MAX: | 525.09 |
| PERIOD TOTAL MIN: | 0.83 |
| PERIOD TOTAL AC-FT: | 29357.76 |
| PERIOD TOTAL PEAK: | 773.19 |
| PERIOD TOTAL LOW: | 1.47 |


Prairie Creek Above May Creek (PRW): Water Year 1995
Discharge (cfs)
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

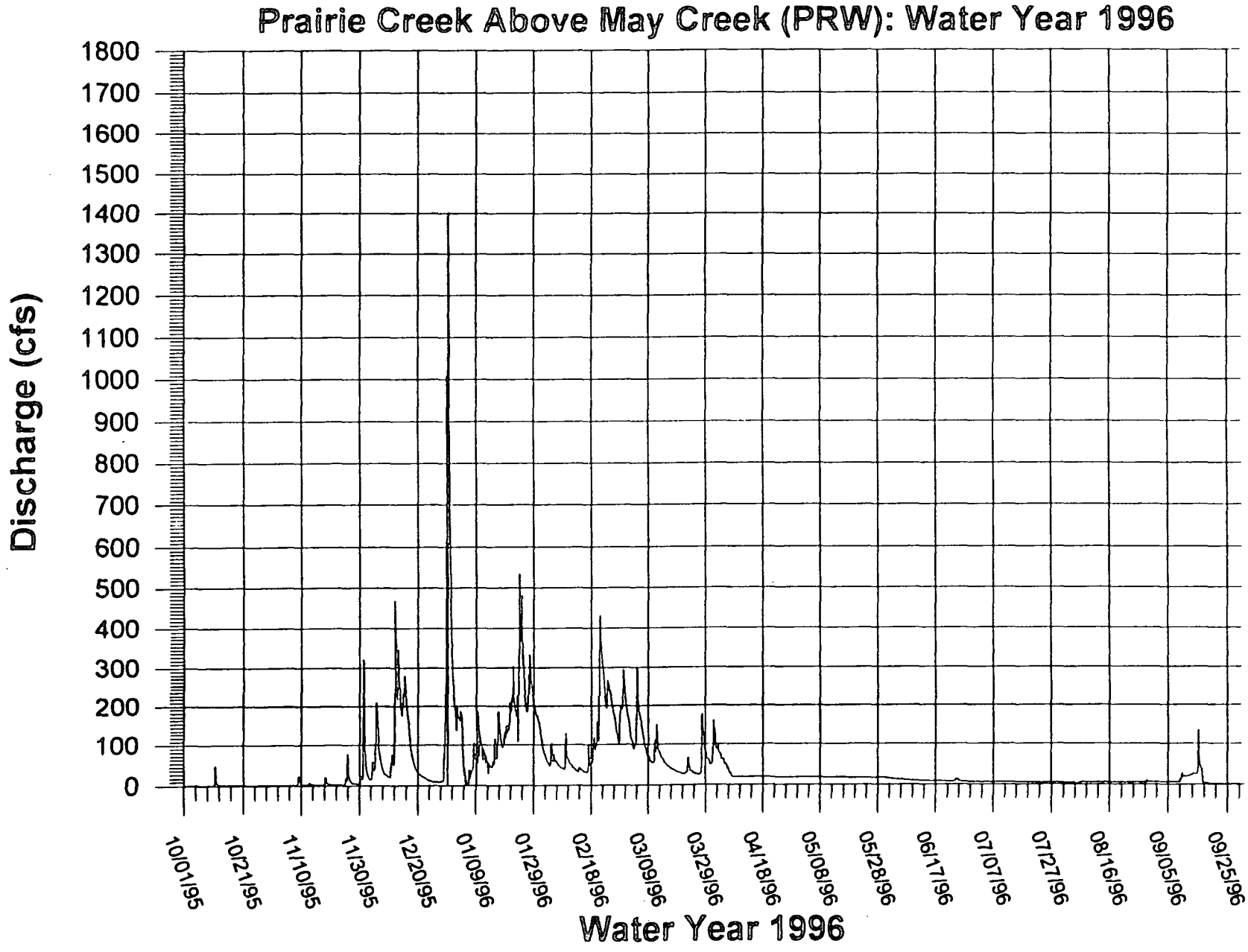
# Prairie Creek Above May Creek (PRW) WY96: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.06 | 1.51 | 151.48 | 223.64 | 82.99 | 188.62 | 110.55 | --- | 13.94 | 6.11 | 4.77 | 6.01 |
| 2 | 0.97 | 1.45 | 31.55 | 172.75 | 60.62 | 138.86 | 86.85 | --- | 13.05 | 6.10 | 4.45 | 5.61 |
| 3 | 1.07 | 1.14 | 15.39 | 172.07 | 52.79 | 99.87 | 68.27 | --- | 11.95 | 5.58 | 4.18 | 5.45 |
| 4 | 1.61 | 1.04 | 39.68 | 104.83 | 74.09 | 119.30 | 55.52 | --- | 11.22 | 5.84 | 0.43 | 5.67 |
| 5 | 1.50 | 1.37 | 117.36 | 14.07 | 60.64 | 212.22 | 45.47 | --- | 11.35 | 5.89 | --- | 6.30 |
| 6 | 1.37 | 1.21 | 116.03 | 18.75 | 48.61 | 151.48 | 30.17 | --- | 10.21 | 5.45 | 5.15 | 5.52 |
| 7 | 1.29 | 1.55 | 51.65 | 33.69 | 43.14 | 106.33 | 19.35 | --- | 9.79 | 5.73 | 5.50 | 5.44 |
| 8 | 1.26 | 5.46 | 30.12 | 74.01 | 42.98 | 78.38 | --- | --- | 9.38 | 5.72 | 5.16 | 5.57 |
| 9 | 1.38 | 12.90 | 23.63 | 104.23 | 82.42 | 63.57 | --- | --- | 9.16 | 5.44 | 5.11 | 15.41 |
| 10 | 1.47 | 2.56 | 27.42 | 111.64 | 54.31 | 54.56 | --- | --- | 8.90 | 5.47 | 5.12 | 19.49 |
| 11 | 15.44 | 2.05 | 59.25 | 80.95 | 44.36 | 94.27 | --- | --- | 8.78 | 5.39 | 5.12 | 19.19 |
| 12 | 3.70 | 4.70 | 293.67 | 62.71 | 36.92 | 95.25 | --- | --- | 8.43 | 5.21 | 5.34 | 21.56 |
| 13 | 2.03 | 3.92 | 269.51 | 45.53 | 36.78 | 69.78 | --- | --- | 8.41 | 5.17 | 4.92 | 25.55 |
| 14 | 1.76 | 2.69 | 191.96 | 46.74 | 38.13 | 56.42 | --- | --- | 8.25 | 5.24 | 5.20 | 25.88 |
| 15 | 1.52 | 2.37 | 245.17 | 74.44 | 33.20 | 48.19 | --- | --- | 8.43 | 5.00 | 5.52 | 66.38 |
| 16 | 1.67 | 2.44 | 169.94 | 122.52 | 32.26 | 41.91 | --- | --- | 7.98 | 5.12 | 4.93 | 17.27 |
| 17 | 1.52 | 2.69 | 94.85 | 116.17 | 64.29 | 37.75 | --- | --- | 7.78 | 5.59 | 5.06 | 3.28 |
| 18 | 1.69 | 9.91 | 56.31 | 106.39 | 67.89 | 33.40 | --- | --- | 7.87 | 5.06 | 4.95 | 2.83 |
| 19 | 1.40 | 3.36 | 36.31 | 134.56 | 95.49 | 30.68 | --- | --- | 7.72 | 5.20 | 4.95 | 2.49 |
| 20 | 1.41 | 2.52 | 27.35 | 162.69 | 165.92 | 27.82 | --- | --- | 7.43 | 4.98 | 5.09 | 2.37 |
| 21 | 1.51 | 2.43 | 21.38 | 215.13 | 361.47 | 25.68 | --- | --- | 7.08 | 4.65 | 4.77 | 2.06 |
| 22 | 1.22 | 3.10 | 17.78 | 192.34 | 258.48 | 40.91 | --- | --- | 6.90 | 4.71 | 5.09 | 1.74 |
| 23 | 1.14 | 2.56 | 13.09 | 235.84 | 223.29 | 40.57 | --- | --- | 8.33 | 4.24 | 5.17 | 1.49 |
| 24 | 1.06 | 4.11 | 10.83 | 395.09 | 235.33 | 30.54 | --- | --- | 12.25 | 4.59 | 5.47 | 1.50 |
| 25 | 1.23 | 31.19 | 8.84 | 285.66 | 193.07 | 26.89 | --- | --- | 7.93 | 4.69 | 5.28 | 1.36 |
| 26 | 1.70 | 15.80 | 8.63 | 194.93 | 148.88 | 24.35 | --- | --- | 7.04 | 4.90 | 5.05 | 1.27 |
| 27 | 1.84 | 5.53 | 9.67 | 276.93 | 116.28 | 75.73 | --- | --- | 6.50 | 4.61 | 4.92 | 1.37 |
| 28 | 1.73 | 4.40 | 14.32 | 232.23 | 190.65 | 107.98 | --- | --- | 6.41 | 4.52 | 5.87 | 1.23 |
| 29 | 1.51 | 3.93 | 248.96 | 188.56 | 252.39 | 70.75 | --- | --- | 6.34 | 4.54 | 6.05 | 1.05 |
| 30 | 1.52 | 16.50 | 772.36 | 164.15 | --- | 54.54 | --- | 16.17 | 6.12 | 4.45 | 5.77 | 1.05 |
| 31 | 1.78 | --- | 482.53 | 119.63 | --- | 85.03 | --- | 15.21 | --- | 4.61 | 5.72 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 61.37 | 156.37 | 3657.01 | 4482.88 | 3197.64 | 2331.64 | 416.19 | 31.38 | 264.95 | 159.81 | 150.09 | 281.39 |
| MEAN | 1.98 | 5.21 | 117.97 | 144.61 | 110.26 | 75.21 | 59.46 | 15.69 | 8.83 | 5.16 | 5.00 | 9.38 |
| MAX | 15.44 | 31.19 | 772.36 | 395.09 | 361.47 | 212.22 | 110.55 | 16.17 | 13.94 | 6.11 | 6.05 | 66.38 |
| MIN | 0.97 | 1.04 | 8.63 | 14.07 | 32.26 | 24.35 | 19.35 | 15.21 | 6.12 | 4.24 | 0.43 | 1.05 |
| PEAK | 49.23 | 79.02 | 1403.69 | 535.30 | 432.18 | 297.78 | 140.46 | 16.68 | 15.25 | 6.53 | 11.39 | 134.28 |
| LOW | 0.77 | 0.83 | 1.65 | 0.08 | 29.47 | 22.12 | 18.84 | 14.45 | 5.45 | 4.21 | 2.80 | 1.05 |
| AC-FT | 121.72 | 310.16 | 7253.58 | 8891.66 | 6342.43 | 4624.74 | 825.50 | 62.24 | 525.53 | 316.97 | 297.70 | 558.12 |

PERIOD TOTAL MEAN: 48.53
PERIOD TOTAL MAX: 772.36
PERIOD TOTAL MIN: 0.43
PERIOD TOTAL AC-FT: 30130.34

PERIOD TOTAL PEAK: 1403.69
PERIOD TOTAL LOW: 0.08

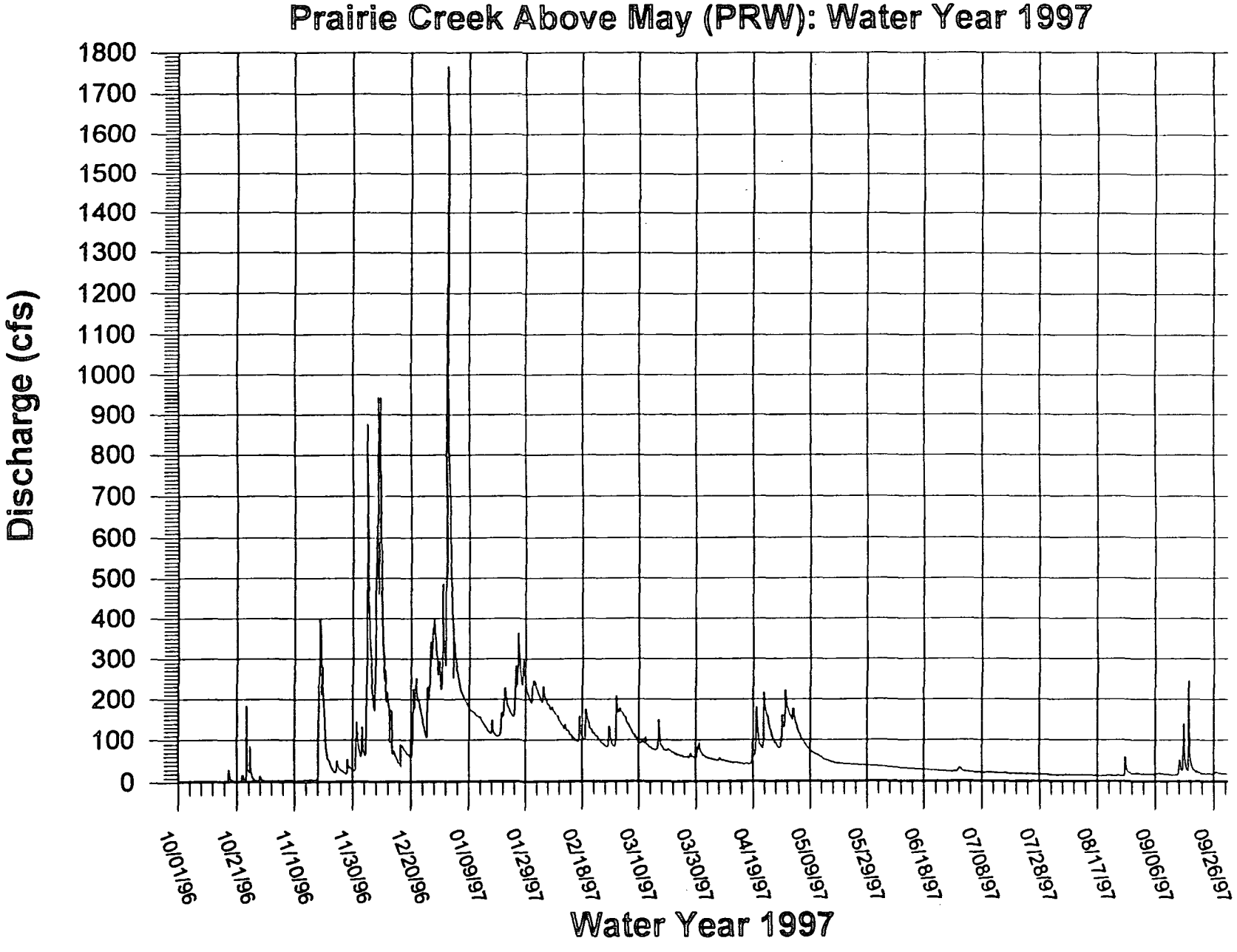

Prairie Creek Above May Creek (PRW): Water Year 1996
Discharge (cfs)
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/95
10/21/95
11/10/95
11/30/95
12/20/95
01/09/96
01/29/96
02/18/96
03/09/96
03/29/96
04/18/96
05/08/96
05/28/96
06/17/96
07/07/96
07/27/96
08/16/96
09/05/96
09/25/96
Water Year 1996

# Prairie Creek Above May Creek (PRW) WY97: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.28 | 2.55 | 101.67 | 1015.02 | 233.97 | 96.63 | 65.05 | 168.18 | --- | 26.52 | 16.87 | 19.09 |
| 2 | 1.48 | 2.32 | 68.40 | 625.19 | 214.42 | 176.27 | 59.32 | 154.31 | --- | 24.66 | 16.60 | 19.41 |
| 3 | 1.23 | 2.32 | 89.54 | 352.90 | 195.34 | 171.32 | 56.96 | 155.98 | --- | 23.82 | 16.01 | 18.46 |
| 4 | 1.46 | 4.25 | 261.04 | 281.71 | 211.84 | 161.14 | 54.94 | 127.59 | --- | 23.06 | 16.52 | 18.78 |
| 5 | 1.46 | 3.89 | 452.76 | 240.82 | 192.71 | 146.91 | 53.20 | 109.94 | --- | 22.93 | 16.27 | 18.61 |
| 6 | 1.45 | 3.88 | 247.06 | 215.17 | 178.46 | 133.95 | 50.47 | 96.80 | --- | 22.74 | 16.07 | 19.62 |
| 7 | 1.35 | 3.97 | 277.08 | 198.15 | 174.21 | 120.80 | 53.89 | 87.28 | --- | 22.89 | 16.56 | 19.96 |
| 8 | 1.33 | 3.97 | 677.44 | 184.38 | 163.96 | 109.96 | 51.39 | 78.74 | --- | 22.05 | 16.28 | 19.39 |
| 9 | 1.06 | 4.24 | 677.59 | 173.64 | 153.89 | 100.14 | 49.34 | 71.83 | --- | 22.56 | 16.16 | 18.66 |
| 10 | 1.04 | 4.05 | 301.17 | 167.34 | 140.47 | 92.94 | 47.64 | 66.82 | --- | 22.70 | 16.03 | 17.90 |
| 11 | 0.88 | 4.36 | 211.77 | 160.47 | 131.44 | 95.25 | 46.22 | 63.41 | --- | 22.24 | 16.13 | 16.92 |
| 12 | 0.81 | 4.06 | 140.64 | 155.97 | 125.95 | 95.58 | 45.32 | 60.02 | --- | 21.89 | 16.24 | 16.72 |
| 13 | 1.43 | 5.68 | 110.00 | 145.44 | 116.89 | 84.86 | 45.69 | 55.94 | --- | 21.23 | 15.84 | 18.33 |
| 14 | 0.56 | 5.67 | 64.86 | 134.37 | 107.04 | 80.10 | 44.21 | 52.27 | --- | 21.33 | 15.60 | 39.54 |
| 15 | 3.36 | 6.57 | 48.70 | 124.95 | 100.44 | 76.87 | 42.87 | 50.26 | --- | 21.04 | 15.04 | 67.08 |
| 16 | 3.01 | 5.15 | 60.81 | 117.91 | 99.33 | 95.59 | 43.39 | 47.41 | --- | 21.81 | 15.07 | 39.40 |
| 17 | 3.26 | 6.06 | 80.07 | 127.64 | 127.11 | 97.85 | 42.26 | 45.32 | --- | 20.03 | 14.45 | 95.13 |
| 18 | 13.02 | 270.35 | 68.96 | 110.78 | 102.44 | 79.61 | 56.01 | 44.27 | --- | 20.60 | 14.17 | 37.47 |
| 19 | 5.51 | 229.89 | 62.16 | 112.21 | 155.86 | 75.48 | 71.90 | 43.70 | --- | 20.15 | 14.64 | 26.51 |
| 20 | 3.04 | 113.59 | 114.20 | 148.11 | 133.47 | 76.07 | 137.92 | --- | --- | 19.40 | 15.59 | 23.71 |
| 21 | 2.34 | 55.42 | 213.45 | 194.49 | 119.70 | 72.18 | 89.02 | --- | --- | 19.94 | 15.35 | 21.54 |
| 22 | 6.78 | 36.87 | 197.96 | 189.43 | 112.13 | 68.59 | 116.49 | --- | --- | 19.37 | 14.96 | 19.61 |
| 23 | 8.08 | 25.50 | 163.28 | 168.06 | 105.15 | 65.27 | 170.75 | --- | 26.15 | 18.87 | 14.45 | 19.29 |
| 24 | 63.99 | 37.48 | 125.83 | 158.30 | 96.30 | 62.72 | 142.89 | --- | 25.97 | 19.26 | 15.89 | 19.57 |
| 25 | 37.65 | 31.13 | 159.04 | 229.00 | 89.50 | 60.74 | 114.01 | --- | 25.67 | 18.70 | 14.06 | 19.03 |
| 26 | 10.56 | 26.04 | 277.08 | 308.10 | 84.68 | 59.45 | 96.88 | --- | 24.58 | 18.62 | 31.32 | 22.17 |
| 27 | 4.77 | 21.11 | 359.55 | 246.69 | 111.49 | 59.33 | 86.91 | --- | 24.67 | 18.35 | 26.55 | 21.84 |
| 28 | 4.82 | 40.55 | 327.90 | 264.16 | 92.62 | 62.52 | 83.56 | --- | 25.86 | 18.33 | 21.72 | 20.32 |
| 29 | 8.35 | 31.83 | 270.91 | 223.13 | --- | 57.65 | 134.90 | --- | 26.82 | 17.73 | 19.36 | 19.59 |
| 30 | 3.87 | 31.73 | 294.49 | 198.65 | --- | 68.75 | 183.03 | --- | 32.27 | 17.40 | 20.19 | 19.02 |
| 31 | 2.90 | --- | 333.33 | 220.28 | --- | 80.08 | --- | --- | --- | 17.03 | 19.93 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 202.15 | 1024.48 | 6838.75 | 7192.44 | 3870.82 | 2884.61 | 2336.45 | 1580.06 | 211.99 | 647.25 | 529.90 | 772.68 |
| MEAN | 6.52 | 34.15 | 220.61 | 232.01 | 138.24 | 93.05 | 77.88 | 83.16 | 26.50 | 20.88 | 17.09 | 25.76 |
| MAX | 63.99 | 270.35 | 677.59 | 1015.02 | 233.97 | 176.27 | 183.03 | 168.18 | 32.27 | 26.52 | 31.32 | 95.13 |
| MIN | 0.56 | 2.32 | 48.70 | 110.78 | 84.68 | 57.65 | 42.26 | 43.70 | 24.58 | 17.03 | 14.06 | 16.72 |
| PEAK | 183.42 | 400.44 | 944.59 | 1766.91 | 242.27 | 208.35 | 221.50 | 180.42 | 34.70 | 28.89 | 60.40 | 245.05 |
| LOW | 0.37 | 2.11 | 35.78 | 108.22 | 84.09 | 55.94 | 40.27 | 42.34 | 24.27 | 16.12 | 13.56 | 16.46 |
| AC-FT | 400.95 | 2032.02 | 13564.47 | 14265.99 | 7677.66 | 5721.53 | 4634.28 | 3134.01 | 420.48 | 1283.81 | 1051.04 | 1532.58 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 84.87 |
| PERIOD TOTAL MAX: | 1015.02 |
| PERIOD TOTAL MIN: | 0.56 |
| PERIOD TOTAL AC-FT: | 55718.83 |
| PERIOD TOTAL PEAK: | 1766.91 |
| PERIOD TOTAL LOW: | 0.37 |


Prairie Creek Above May (PRW): Water Year 1997
Discharge (cfs)
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/96
10/21/96
11/10/96
11/30/96
12/20/96
01/09/97
01/29/97
02/18/97
03/10/97
03/30/97
04/19/97
05/09/97
05/29/97
06/18/97
07/08/97
07/28/97
08/17/97
09/06/97
09/26/97
Water Year 1997

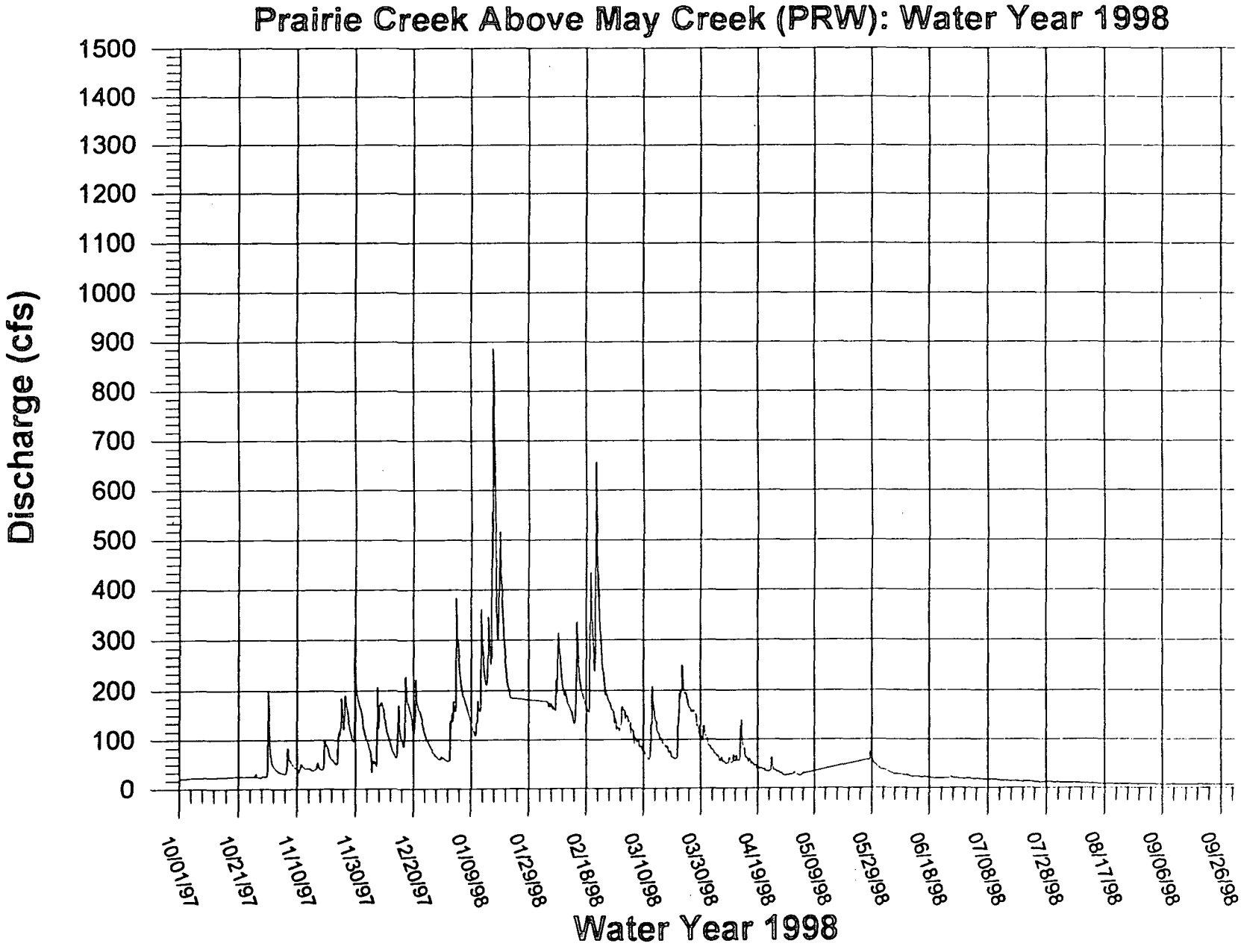
# Prairie Creek Above May Creek (PRW) WY98: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.95 | 53.06 | 162.68 | 81.85 | --- | 122.54 | 95.75 | 30.83 | 38.34 | 19.26 | 11.28 | 7.03 |
| 2 | --- | 41.39 | 130.13 | 150.48 | --- | 154.62 | 82.48 | 28.86 | 36.80 | 18.24 | 10.43 | 7.19 |
| 3 | --- | 35.60 | 103.79 | 204.89 | --- | 152.10 | 75.92 | 26.37 | 34.49 | 18.75 | 10.60 | 6.92 |
| 4 | --- | 32.82 | 85.24 | 283.82 | 173.60 | 142.07 | 69.20 | 28.18 | 31.66 | 18.58 | 10.69 | 6.54 |
| 5 | --- | 30.88 | 55.94 | 212.78 | 170.18 | 127.06 | 59.43 | 29.97 | 28.89 | 17.24 | 9.94 | 6.58 |
| 6 | --- | 52.68 | 53.70 | 187.27 | 163.64 | 111.03 | 58.59 | --- | 28.32 | 16.30 | 10.45 | 6.66 |
| 7 | --- | 59.01 | 126.09 | --- | 182.92 | 97.74 | 52.02 | --- | 28.27 | 16.34 | 9.97 | 6.54 |
| 8 | --- | 48.09 | 170.38 | --- | 284.23 | 91.55 | 53.75 | --- | 26.65 | 16.61 | 10.46 | 7.04 |
| 9 | --- | 41.98 | 156.50 | 122.28 | 232.56 | 81.88 | 54.75 | --- | 25.39 | 17.29 | 9.76 | 7.17 |
| 10 | --- | 38.67 | 123.93 | 114.37 | 195.45 | 72.90 | 59.62 | --- | 26.89 | 16.32 | 9.09 | 7.06 |
| 11 | --- | 47.36 | 100.27 | 161.01 | 179.17 | 62.56 | 59.80 | --- | 24.06 | 15.40 | 9.26 | 7.07 |
| 12 | --- | 42.67 | 81.11 | 250.22 | 160.98 | 110.30 | 67.54 | --- | 23.35 | 14.50 | 8.46 | 6.73 |
| 13 | --- | 43.40 | 67.11 | 247.99 | 139.61 | 163.58 | 106.79 | --- | 23.07 | 14.63 | 8.39 | 6.27 |
| 14 | --- | 40.24 | 110.97 | 226.22 | 215.41 | 126.67 | 73.55 | --- | 22.65 | 14.44 | 8.64 | 6.44 |
| 15 | --- | 37.85 | 111.73 | 294.38 | 252.16 | 107.65 | 59.10 | --- | 21.80 | 13.65 | 8.32 | 6.25 |
| 16 | --- | 43.99 | 93.28 | 575.94 | 197.27 | 96.31 | 56.28 | --- | 23.01 | 13.59 | 8.11 | 6.76 |
| 17 | --- | 44.45 | 190.23 | 552.90 | 175.64 | 87.70 | 49.76 | --- | 21.06 | 13.65 | 7.87 | 6.24 |
| 18 | --- | 39.71 | 162.28 | 362.76 | 158.72 | 79.47 | 44.80 | --- | 21.13 | 13.39 | 8.20 | 7.14 |
| 19 | --- | 79.78 | 131.58 | 427.45 | 323.12 | 70.73 | 41.59 | --- | 19.74 | 12.79 | 8.33 | 7.49 |
| 20 | --- | 81.85 | 154.20 | 295.96 | 286.69 | 62.17 | 40.75 | --- | 19.35 | 12.87 | 7.58 | 6.63 |
| 21 | 24.86 | 62.87 | 166.93 | 219.88 | 474.11 | 72.04 | 37.27 | --- | 19.53 | 13.49 | 7.59 | 6.65 |
| 22 | 25.19 | 56.12 | 147.03 | 190.11 | 371.34 | 171.48 | 34.51 | --- | 19.78 | 12.66 | 7.58 | 6.64 |
| 23 | 24.56 | 54.71 | 122.05 | --- | 260.48 | 213.74 | 42.89 | --- | 20.58 | 11.90 | 7.83 | 6.64 |
| 24 | 24.93 | 112.73 | 102.25 | --- | 206.42 | 195.39 | 42.07 | --- | 20.30 | 12.05 | 7.58 | 6.77 |
| 25 | 24.59 | 145.47 | 90.08 | --- | 184.27 | 175.23 | 35.70 | --- | 22.34 | 11.72 | 7.61 | 6.77 |
| 26 | 27.70 | 167.51 | 78.22 | --- | 167.70 | 159.63 | 32.23 | --- | 19.78 | 11.29 | 7.74 | 6.74 |
| 27 | 24.26 | 140.15 | 69.20 | --- | 148.59 | 156.79 | 30.08 | 58.24 | 20.07 | 11.92 | 7.75 | 6.77 |
| 28 | 23.03 | 108.02 | 62.68 | --- | 130.60 | 137.75 | 26.92 | 66.47 | 18.23 | 12.29 | 7.02 | 6.38 |
| 29 | 25.85 | 177.41 | 63.03 | --- | --- | 114.87 | 27.60 | 55.79 | 19.27 | 12.07 | 7.59 | 6.38 |
| 30 | 27.89 | 190.55 | 62.18 | --- | --- | 103.26 | 27.44 | 46.84 | 18.75 | 11.15 | 7.74 | 7.18 |
| 31 | 120.59 | --- | 57.49 | --- | --- | 115.25 | --- | 41.64 | --- | 11.16 | 7.82 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 394.39 | 2151.05 | 3392.28 | 5162.54 | 5434.85 | 3736.05 | 1598.19 | 413.21 | 723.54 | 445.51 | 269.71 | 202.67 |
| MEAN | 32.87 | 71.70 | 109.43 | 258.13 | 217.39 | 120.52 | 53.27 | 41.32 | 24.12 | 14.37 | 8.70 | 6.76 |
| MAX | 120.59 | 190.55 | 190.23 | 575.94 | 474.11 | 213.74 | 106.79 | 66.47 | 38.34 | 19.26 | 11.28 | 7.49 |
| MIN | 20.95 | 30.88 | 53.70 | 81.85 | 130.60 | 62.17 | 26.92 | 26.37 | 18.23 | 11.15 | 7.02 | 6.24 |
| PEAK | 198.70 | 326.91 | 228.12 | 887.00 | 657.43 | 250.35 | 139.33 | 74.56 | 39.12 | 19.27 | 11.91 | 7.89 |
| LOW | 19.31 | 30.17 | 31.30 | 55.52 | 118.41 | 59.42 | 25.69 | 25.45 | 18.23 | 11.13 | 7.02 | 5.73 |
| AC-FT | 782.27 | 4266.54 | 6728.48 | 10239.74 | 10779.86 | 7410.35 | 3169.95 | 819.59 | 1435.12 | 883.65 | 534.96 | 401.98 |

PERIOD TOTAL MEAN: 76.93
PERIOD TOTAL MAX: 575.94
PERIOD TOTAL MIN: 6.24
PERIOD TOTAL AC-FT: 47452.50

PERIOD TOTAL PEAK: 887.00
PERIOD TOTAL LOW: 5.73

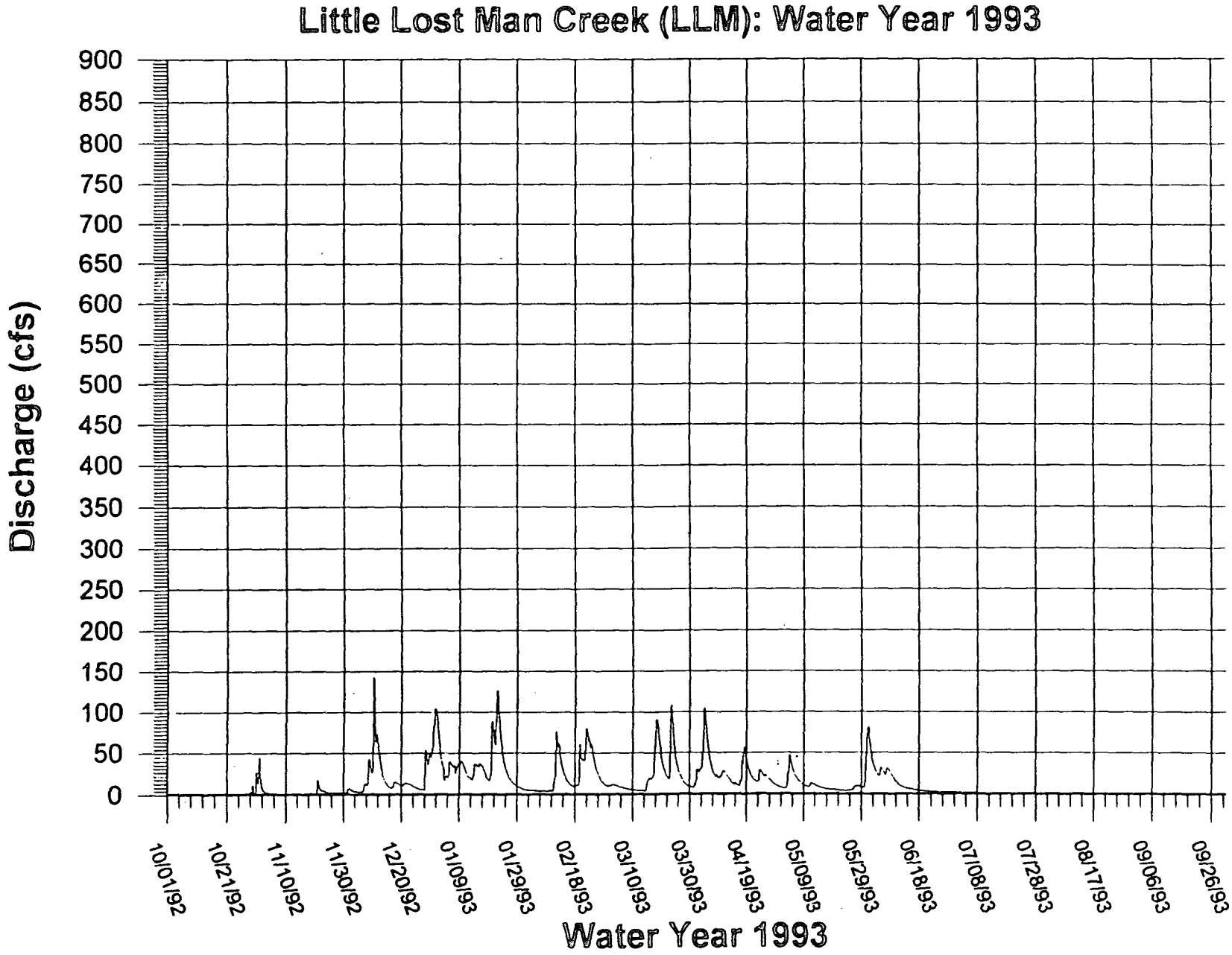

Prairie Creek Above May Creek (PRW): Water Year 1998
Discharge (cfs)
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/97
10/21/97
11/10/97
11/30/97
12/20/97
01/09/98
01/29/98
02/18/98
03/10/98
03/30/98
04/19/98
05/09/98
05/29/98
06/18/98
07/08/98
07/28/98
08/17/98
09/06/98
09/26/98
Water Year 1998

# Little Lost Man Creek (LLM) WY93: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 20.16 | 6.04 | 83.65 | 5.73 | 10.64 | 22.88 | 7.77 | 48.77 | 2.47 | --- | --- |
| 2 | --- | 4.66 | 6.64 | 49.41 | 5.45 | 11.08 | 29.38 | 7.16 | 33.61 | 2.35 | --- | --- |
| 3 | --- | 2.63 | 4.75 | 26.60 | 5.43 | 11.90 | 46.43 | 22.80 | 24.95 | 2.35 | --- | --- |
| 4 | --- | 1.97 | 4.05 | 21.44 | 5.19 | 10.66 | 89.96 | 40.31 | 25.99 | 2.18 | --- | --- |
| 5 | --- | 1.48 | 3.55 | 31.57 | 4.78 | 9.59 | 56.13 | 26.43 | 28.84 | 2.18 | --- | --- |
| 6 | --- | 1.41 | 4.33 | 35.76 | 4.63 | 8.75 | 35.83 | 19.55 | 26.18 | 2.03 | --- | --- |
| 7 | --- | 0.99 | 11.92 | 32.60 | 4.52 | 7.77 | 24.10 | 15.20 | 29.67 | 2.03 | --- | --- |
| 8 | --- | 0.68 | 22.30 | 34.39 | 4.54 | 6.96 | 21.54 | 12.59 | 23.65 | 1.88 | --- | --- |
| 9 | --- | 0.37 | 31.72 | 38.37 | 5.53 | 6.35 | 20.90 | 10.57 | 17.95 | 1.88 | --- | --- |
| 10 | --- | 0.30 | 86.19 | 35.64 | 7.48 | 5.87 | 25.79 | 9.13 | 13.70 | 1.73 | --- | --- |
| 11 | --- | 0.26 | 66.59 | 26.06 | 47.57 | 5.39 | 25.68 | 11.80 | 10.81 | 1.77 | --- | --- |
| 12 | --- | 0.21 | 46.86 | 21.02 | 56.49 | 5.12 | 20.31 | 12.05 | 9.03 | 1.72 | --- | --- |
| 13 | --- | 0.17 | 26.23 | 19.03 | 35.79 | 4.98 | 15.97 | 10.78 | 7.63 | 0.27 | --- | --- |
| 14 | --- | 0.17 | 16.20 | 34.76 | 23.33 | 6.38 | 13.09 | 9.36 | 6.86 | --- | --- | --- |
| 15 | --- | 0.31 | 10.94 | 34.64 | 16.39 | 17.75 | 12.34 | 8.00 | 6.43 | --- | --- | --- |
| 16 | --- | 0.28 | 8.50 | 36.38 | 12.50 | 19.86 | 11.27 | 7.05 | 5.67 | --- | --- | --- |
| 17 | --- | 0.17 | 13.72 | 29.87 | 10.75 | 40.94 | 31.56 | 6.26 | 4.92 | --- | --- | --- |
| 18 | --- | 1.87 | 14.25 | 21.40 | 11.27 | 83.59 | 50.76 | 5.63 | 4.48 | --- | --- | --- |
| 19 | --- | 1.57 | 12.40 | 19.20 | 30.07 | 56.99 | 35.95 | 5.58 | 4.10 | --- | --- | --- |
| 20 | --- | 3.60 | 12.09 | 72.90 | 43.28 | 35.53 | 24.03 | 5.23 | 3.88 | --- | --- | --- |
| 21 | --- | 10.98 | 14.14 | 79.65 | 52.71 | 24.19 | 18.24 | 5.29 | 3.67 | --- | --- | --- |
| 22 | --- | 5.41 | 13.34 | 103.97 | 71.46 | 20.37 | 15.58 | 4.99 | 3.46 | --- | --- | --- |
| 23 | --- | 4.21 | 11.48 | 63.22 | 58.66 | 87.41 | 23.79 | 4.75 | 3.26 | --- | --- | --- |
| 24 | --- | 3.26 | 9.51 | 38.66 | 43.95 | 61.88 | 24.92 | 4.64 | 3.21 | --- | --- | --- |
| 25 | --- | 2.77 | 7.79 | 26.22 | 29.33 | 37.10 | 21.93 | 5.34 | 3.06 | --- | --- | --- |
| 26 | --- | 3.12 | 6.63 | 19.56 | 20.76 | 24.56 | 19.56 | 7.76 | 2.87 | --- | --- | --- |
| 27 | 0.00 | 3.04 | 7.04 | 14.79 | 15.38 | 17.38 | 16.21 | 10.04 | 2.87 | --- | --- | --- |
| 28 | 0.42 | 2.69 | 42.95 | 11.28 | 12.06 | 12.94 | 12.83 | 9.66 | 2.69 | --- | --- | --- |
| 29 | 4.60 | 2.55 | 44.17 | 9.25 | --- | 10.41 | 10.38 | 8.58 | 2.51 | --- | --- | --- |
| 30 | 4.61 | 2.54 | 54.03 | 7.80 | --- | 9.27 | 9.07 | 31.47 | 2.52 | --- | --- | --- |
| 31 | 21.67 | --- | 93.66 | 6.56 | --- | 9.73 | --- | 73.08 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 31.30 | 83.72 | 713.00 | 1085.64 | 645.02 | 681.36 | 786.42 | 418.84 | 367.23 | 24.83 | --- | --- |
| MEAN | 6.26 | 2.79 | 23.00 | 35.02 | 23.04 | 21.98 | 26.21 | 13.51 | 12.24 | 1.91 | --- | --- |
| MAX | 21.67 | 20.16 | 93.66 | 103.97 | 71.46 | 87.41 | 89.96 | 73.08 | 48.77 | 2.47 | --- | --- |
| MIN | 0.00 | 0.17 | 3.55 | 6.56 | 4.52 | 4.98 | 9.07 | 4.64 | 2.51 | 0.27 | --- | --- |
| PEAK | 44.66 | 45.30 | 142.82 | 126.84 | 80.14 | 107.85 | 103.52 | 81.52 | 61.76 | 2.47 | --- | --- |
| LOW | 0.00 | 0.15 | 2.63 | 6.40 | 4.45 | 4.87 | 8.95 | 4.51 | 2.51 | 1.51 | --- | --- |
| AC-FT | 62.09 | 166.06 | 1414.21 | 2153.33 | 1279.37 | 1351.46 | 1559.83 | 830.76 | 728.40 | 49.25 | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 18.61 |
| PERIOD TOTAL MAX: | 103.97 |
| PERIOD TOTAL MIN: | 0.00 |
| PERIOD TOTAL AC-FT: | 9594.77 |
| PERIOD TOTAL PEAK: | 142.82 |
| PERIOD TOTAL LOW: | 0.00 |


Little Lost Man Creek (LLM): Water Year 1993
Discharge (cfs)
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
10/01/92
10/21/92
11/10/92
11/30/92
12/20/92
01/09/93
01/29/93
02/18/93
03/10/93
03/30/93
04/19/93
05/09/93
05/29/93
06/18/93
07/08/93
07/28/93
08/17/93
09/06/93
09/26/93
Water Year 1993

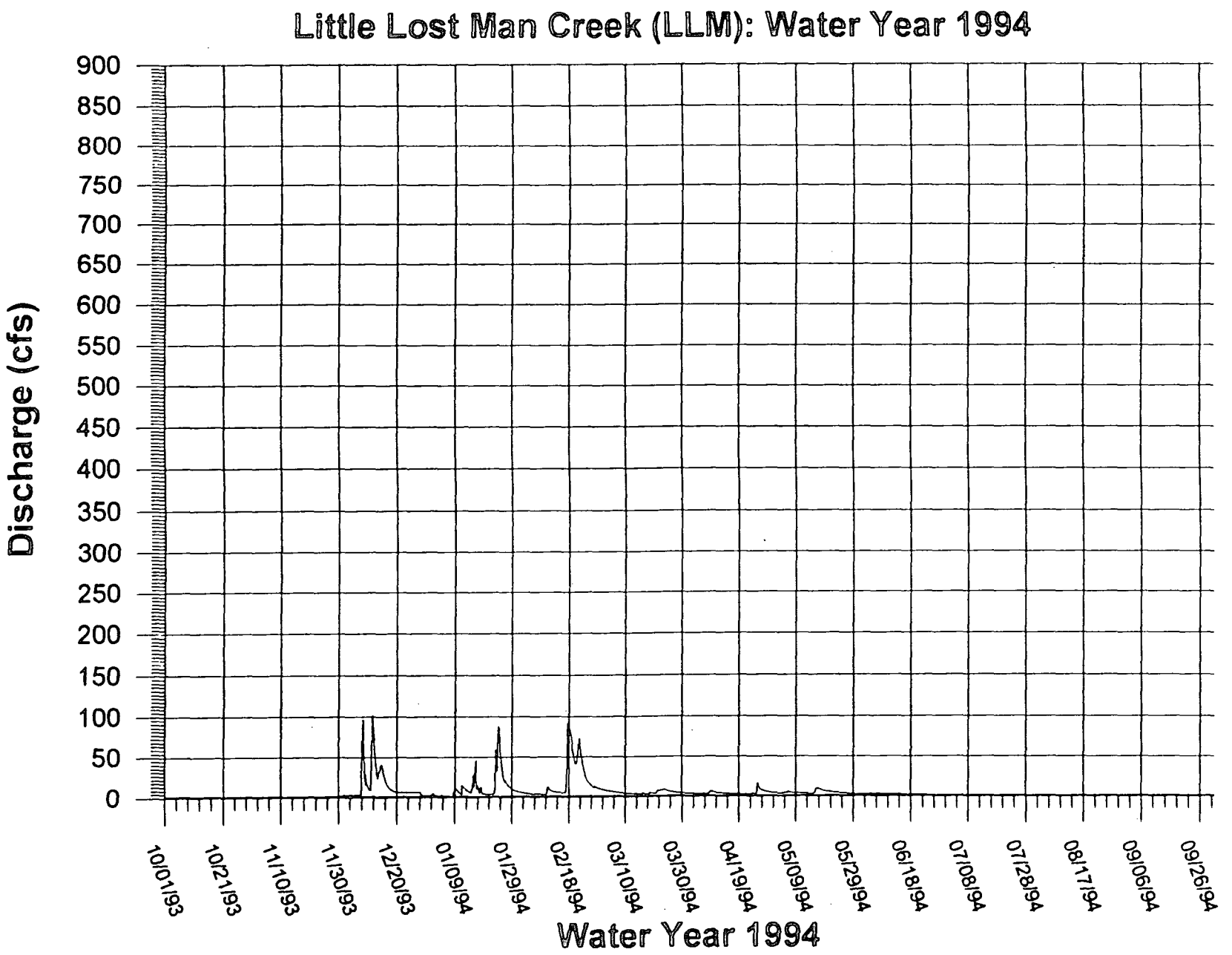
# Little Lost Man Creek (LLM) WY94: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.06 | 0.03 | 2.64 | 3.78 | 5.89 | 10.09 | 3.98 | 4.47 | 2.95 | 1.47 | --- | --- |
| 2 | 0.05 | 0.02 | 3.25 | 2.82 | 5.26 | 8.89 | 3.75 | 4.16 | 2.70 | 1.41 | --- | --- |
| 3 | 0.05 | 0.02 | 3.35 | 2.30 | 4.82 | 8.16 | 3.52 | 4.08 | 2.62 | 1.20 | --- | --- |
| 4 | 0.09 | 0.03 | 3.39 | 2.54 | 4.35 | 7.57 | 3.31 | 4.35 | 3.41 | 1.20 | --- | --- |
| 5 | 0.10 | 0.03 | 3.31 | 2.29 | 3.84 | 6.86 | 3.34 | 4.44 | 3.13 | 1.09 | --- | --- |
| 6 | 0.10 | 0.03 | 3.32 | 2.29 | 4.15 | 6.05 | 3.67 | 5.69 | 3.51 | 1.09 | --- | --- |
| 7 | 0.10 | 0.03 | 10.96 | 1.81 | 4.07 | 5.65 | 3.63 | 4.98 | 3.17 | 1.03 | --- | --- |
| 8 | 0.08 | 0.02 | 65.50 | 4.45 | 3.69 | 5.09 | 4.46 | 4.68 | 3.10 | 0.98 | --- | --- |
| 9 | 0.08 | 0.02 | 19.68 | 10.01 | 3.48 | 4.80 | 6.49 | 4.47 | 2.90 | 0.88 | --- | --- |
| 10 | 0.09 | 0.02 | 10.58 | 5.99 | 9.32 | 4.83 | 5.39 | 4.10 | 2.90 | 0.88 | --- | --- |
| 11 | 0.44 | 0.05 | 69.32 | 10.59 | 8.95 | 4.33 | 4.80 | 3.96 | 2.70 | 0.79 | --- | --- |
| 12 | 0.19 | 0.08 | 51.26 | 10.72 | 7.24 | 4.04 | 4.48 | 3.86 | 2.66 | 0.77 | --- | --- |
| 13 | 0.12 | 0.06 | 28.40 | 7.93 | 6.43 | 3.81 | 4.22 | 3.63 | 2.85 | 0.77 | --- | --- |
| 14 | 0.10 | 0.05 | 37.63 | 7.24 | 6.12 | 3.87 | 3.98 | 3.41 | 2.70 | --- | --- | --- |
| 15 | 0.52 | --- | 27.98 | 18.30 | 5.63 | 3.64 | 3.75 | 4.84 | 2.52 | --- | --- | --- |
| 16 | 0.39 | 0.04 | 16.57 | 24.96 | 6.01 | 4.28 | 3.52 | 9.91 | 2.47 | --- | --- | --- |
| 17 | 0.12 | 0.06 | 11.37 | 9.30 | 61.84 | 3.69 | 3.31 | 8.84 | 2.34 | --- | --- | --- |
| 18 | 0.09 | 0.10 | 8.76 | 7.25 | 79.71 | 4.42 | 3.32 | 7.48 | 2.17 | --- | --- | --- |
| 19 | 0.09 | 0.04 | 7.11 | 4.23 | 53.47 | 4.56 | 3.10 | 6.59 | 2.22 | --- | --- | --- |
| 20 | 0.08 | 0.03 | 6.61 | 4.01 | 43.50 | 4.06 | 3.10 | 6.01 | 2.13 | --- | --- | --- |
| 21 | 0.06 | 0.03 | 6.96 | 3.91 | 62.88 | 7.16 | 2.93 | 5.40 | 2.09 | --- | --- | --- |
| 22 | 0.06 | 0.24 | 6.69 | 4.60 | 48.28 | 8.03 | 2.90 | 4.90 | 2.05 | --- | --- | --- |
| 23 | 0.06 | --- | 7.01 | 38.29 | 30.70 | 9.04 | 3.53 | 4.48 | 2.05 | --- | --- | --- |
| 24 | 0.05 | --- | 6.77 | 73.55 | 21.12 | 8.27 | 3.48 | 4.54 | 1.86 | --- | --- | --- |
| 25 | 0.05 | --- | 7.09 | 35.46 | 16.60 | 7.06 | 10.61 | 4.22 | 1.71 | --- | --- | --- |
| 26 | 0.05 | --- | 6.77 | 20.66 | 13.28 | 6.10 | 9.53 | 4.03 | 1.71 | --- | --- | --- |
| 27 | 0.05 | --- | 7.09 | 15.62 | 12.80 | 5.44 | 7.41 | 3.53 | 1.71 | --- | --- | --- |
| 28 | 0.03 | 0.00 | 2.97 | 11.70 | 11.26 | 4.89 | 6.09 | 3.31 | 1.45 | --- | --- | --- |
| 29 | 0.04 | 0.02 | 2.77 | 9.32 | --- | 4.57 | 5.43 | 3.12 | 1.44 | --- | --- | --- |
| 30 | 0.04 | 1.82 | 2.86 | 7.87 | --- | 4.50 | 4.99 | 3.10 | 1.41 | --- | --- | --- |
| 31 | 0.04 | --- | 2.62 | 6.90 | --- | 4.22 | --- | 2.96 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 3.49 | 2.86 | 450.57 | 370.67 | 544.71 | 177.98 | 136.03 | 147.45 | 72.66 | 13.55 | --- | --- |
| MEAN | 0.11 | 0.12 | 14.53 | 11.96 | 19.45 | 5.74 | 4.53 | 4.76 | 2.42 | 1.04 | --- | --- |
| MAX | 0.52 | 1.82 | 69.32 | 73.55 | 79.71 | 10.09 | 10.61 | 9.91 | 3.51 | 1.47 | --- | --- |
| MIN | 0.03 | 0.00 | 2.62 | 1.81 | 3.48 | 3.64 | 2.90 | 2.96 | 1.41 | 0.77 | --- | --- |
| PEAK | 1.39 | 2.20 | 102.14 | 87.65 | 92.15 | 10.84 | 17.23 | 10.37 | 4.04 | 1.47 | --- | --- |
| LOW | 0.03 | 0.00 | 2.16 | 1.67 | 3.35 | 3.58 | 2.85 | 2.90 | 1.41 | 0.77 | --- | --- |
| AC-FT | 6.93 | 5.68 | 893.70 | 735.22 | 1080.41 | 353.01 | 269.80 | 292.47 | 144.11 | 26.88 | --- | --- |

PERIOD TOTAL MEAN: 6.96
PERIOD TOTAL MAX: 79.71
PERIOD TOTAL MIN: 0.00
PERIOD TOTAL AC-FT: 3808.21

PERIOD TOTAL PEAK: 102.14
PERIOD TOTAL LOW: 0.00

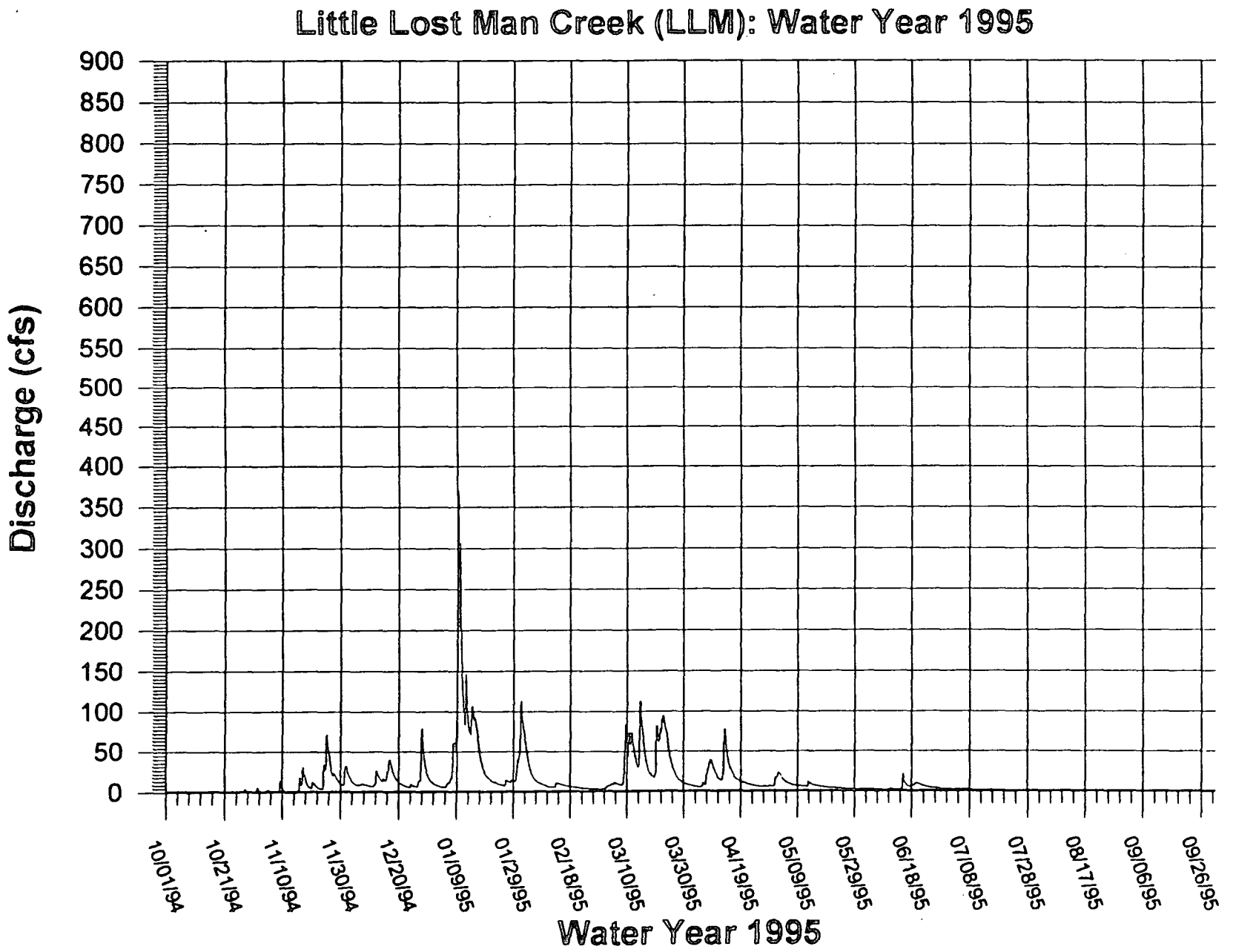

Little Lost Man Creek (LLM): Water Year 1994
Discharge (cfs)
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1994

# Little Lost Man Creek (LLM) WY95: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.34 | 3.15 | 24.90 | 9.51 | 78.49 | 3.54 | 7.83 | 16.99 | 2.94 | 3.09 | 0.99 | 0.30 |
| 2 | 0.34 | 0.72 | 23.71 | 7.88 | 53.50 | 4.62 | 6.84 | 22.37 | 2.94 | 3.09 | 0.97 | 0.32 |
| 3 | 0.34 | 0.27 | 16.23 | 6.68 | 32.59 | 7.14 | 6.30 | 17.02 | 2.79 | 2.89 | 0.92 | 0.29 |
| 4 | 0.34 | 1.07 | 11.49 | 6.16 | 22.13 | 8.72 | 5.69 | 13.26 | 2.84 | 2.84 | 0.87 | 0.25 |
| 5 | 0.33 | 2.09 | 9.14 | 8.46 | 16.09 | 10.69 | 7.49 | 10.73 | 2.84 | 2.72 | 0.85 | 0.24 |
| 6 | 0.33 | 0.56 | 9.01 | 13.53 | 12.52 | 10.28 | 10.30 | 9.15 | 2.60 | 2.62 | 0.83 | 0.22 |
| 7 | 0.33 | 0.28 | 10.17 | 38.34 | 10.48 | 8.78 | 27.85 | 7.79 | 2.56 | 2.49 | 0.88 | 0.21 |
| 8 | 0.33 | 0.35 | 9.25 | 58.34 | 8.96 | 11.49 | 37.18 | 6.90 | 2.47 | 2.44 | 0.78 | 0.20 |
| 9 | 0.33 | 7.53 | 8.20 | 246.71 | 7.61 | 63.88 | 28.70 | 6.93 | 2.38 | 2.42 | 0.71 | 0.17 |
| 10 | 0.33 | 2.60 | 7.45 | 195.76 | 6.75 | 58.00 | 20.34 | 6.43 | 2.98 | 2.35 | 0.81 | 0.16 |
| 11 | 0.32 | 1.27 | 8.39 | 98.84 | 6.14 | 64.45 | 15.63 | 6.18 | 2.83 | 2.30 | 0.73 | 0.18 |
| 12 | 0.33 | 0.72 | 21.27 | 112.18 | 6.30 | 50.11 | 18.35 | 7.38 | 2.38 | 2.29 | 0.63 | 0.23 |
| 13 | 0.33 | 0.41 | 17.17 | 76.61 | 10.68 | 32.78 | 64.02 | 10.06 | 2.37 | 2.17 | 0.61 | 0.16 |
| 14 | 0.33 | 0.30 | 14.98 | 96.42 | 9.81 | 77.98 | 39.30 | 8.34 | 5.36 | 2.12 | 0.56 | 0.15 |
| 15 | 0.32 | 4.39 | 15.63 | 86.38 | 8.69 | 69.77 | 27.04 | 7.41 | 12.07 | 2.00 | 0.54 | 0.17 |
| 16 | 0.29 | 12.47 | 31.92 | 62.40 | 7.74 | 40.42 | 19.57 | 6.65 | 7.41 | 1.96 | 0.50 | 0.17 |
| 17 | 0.31 | 22.85 | 30.46 | 38.08 | 7.08 | 25.45 | 15.77 | 6.10 | 6.32 | 1.85 | 0.49 | 0.17 |
| 18 | 0.32 | 10.45 | 20.44 | 26.10 | 6.45 | 20.69 | 12.79 | 5.54 | 7.52 | 1.85 | 0.47 | 0.13 |
| 19 | 0.33 | 5.59 | 14.56 | 19.66 | 5.97 | 18.52 | 11.24 | 5.13 | 9.64 | 1.85 | 0.42 | 0.12 |
| 20 | 0.32 | 10.05 | 11.15 | 16.19 | 5.38 | 65.52 | 10.96 | 4.66 | 9.33 | 1.74 | 0.42 | 0.10 |
| 21 | 0.32 | 7.59 | 8.78 | 13.42 | 5.10 | 70.01 | 9.68 | 4.59 | 7.79 | 1.83 | 0.37 | 0.08 |
| 22 | 0.31 | 5.26 | 7.23 | 12.15 | 4.69 | 89.09 | 8.55 | 4.35 | 6.68 | 1.85 | 0.35 | 0.08 |
| 23 | 0.29 | 4.53 | 6.35 | 10.31 | 4.63 | 78.95 | 7.69 | 4.09 | 5.77 | 1.81 | 0.37 | 0.08 |
| 24 | 0.31 | 30.82 | 8.54 | 9.25 | 4.31 | 56.83 | 6.96 | 3.85 | 5.10 | 1.70 | 0.33 | 0.11 |
| 25 | 0.33 | 57.97 | 7.17 | 8.15 | 4.07 | 37.04 | 6.34 | 3.62 | 4.64 | 1.74 | 0.31 | 0.16 |
| 26 | 0.33 | 31.82 | 9.18 | 12.71 | 3.83 | 25.52 | 5.93 | 3.57 | 4.21 | 1.61 | 0.26 | 0.14 |
| 27 | 0.82 | 22.34 | 33.57 | 12.50 | 3.77 | 18.64 | 6.35 | 3.40 | 3.84 | 1.43 | 0.26 | 0.25 |
| 28 | 1.96 | 17.48 | 50.57 | 14.03 | 3.60 | 14.71 | 6.01 | 3.19 | 3.58 | 1.31 | 0.29 | 0.58 |
| 29 | 0.41 | 11.78 | 25.94 | 14.22 | --- | 11.93 | 6.85 | 3.19 | 3.36 | 1.33 | 0.43 | 0.18 |
| 30 | 0.40 | 9.00 | 16.41 | 35.81 | --- | 10.10 | 6.51 | 2.98 | 3.29 | 1.19 | 0.35 | 0.14 |
| 31 | 0.42 | --- | 12.08 | 80.30 | --- | 8.83 | --- | 3.04 | --- | 1.08 | 0.34 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 12.45 | 285.61 | 501.33 | 1447.06 | 357.35 | 1074.47 | 464.08 | 224.89 | 140.81 | 63.98 | 17.65 | 5.77 |
| MEAN | 0.40 | 9.52 | 16.17 | 46.68 | 12.76 | 34.66 | 15.47 | 7.25 | 4.69 | 2.06 | 0.57 | 0.19 |
| MAX | 1.96 | 57.97 | 50.57 | 246.71 | 78.49 | 89.08 | 64.02 | 22.37 | 12.07 | 3.09 | 0.99 | 0.58 |
| MIN | 0.29 | 0.27 | 6.35 | 6.16 | 3.60 | 3.54 | 5.69 | 2.98 | 2.37 | 1.08 | 0.26 | 0.08 |
| PEAK | 4.80 | 72.05 | 79.58 | 369.84 | 94.69 | 112.82 | 77.73 | 24.38 | 21.83 | 3.24 | 1.05 | 1.33 |
| LOW | 0.29 | 0.20 | 6.17 | 5.87 | 3.60 | 3.49 | 5.63 | 2.98 | 2.33 | 1.08 | 0.26 | 0.08 |
| AC-FT | 24.70 | 566.50 | 994.37 | 2870.20 | 708.78 | 2131.18 | 920.49 | 446.06 | 279.29 | 126.90 | 35.00 | 11.45 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 12.59 |
| PERIOD TOTAL MAX: | 246.71 |
| PERIOD TOTAL MIN: | 0.08 |
| PERIOD TOTAL AC-FT: | 9114.93 |
| PERIOD TOTAL PEAK: | 369.84 |
| PERIOD TOTAL LOW: | 0.08 |

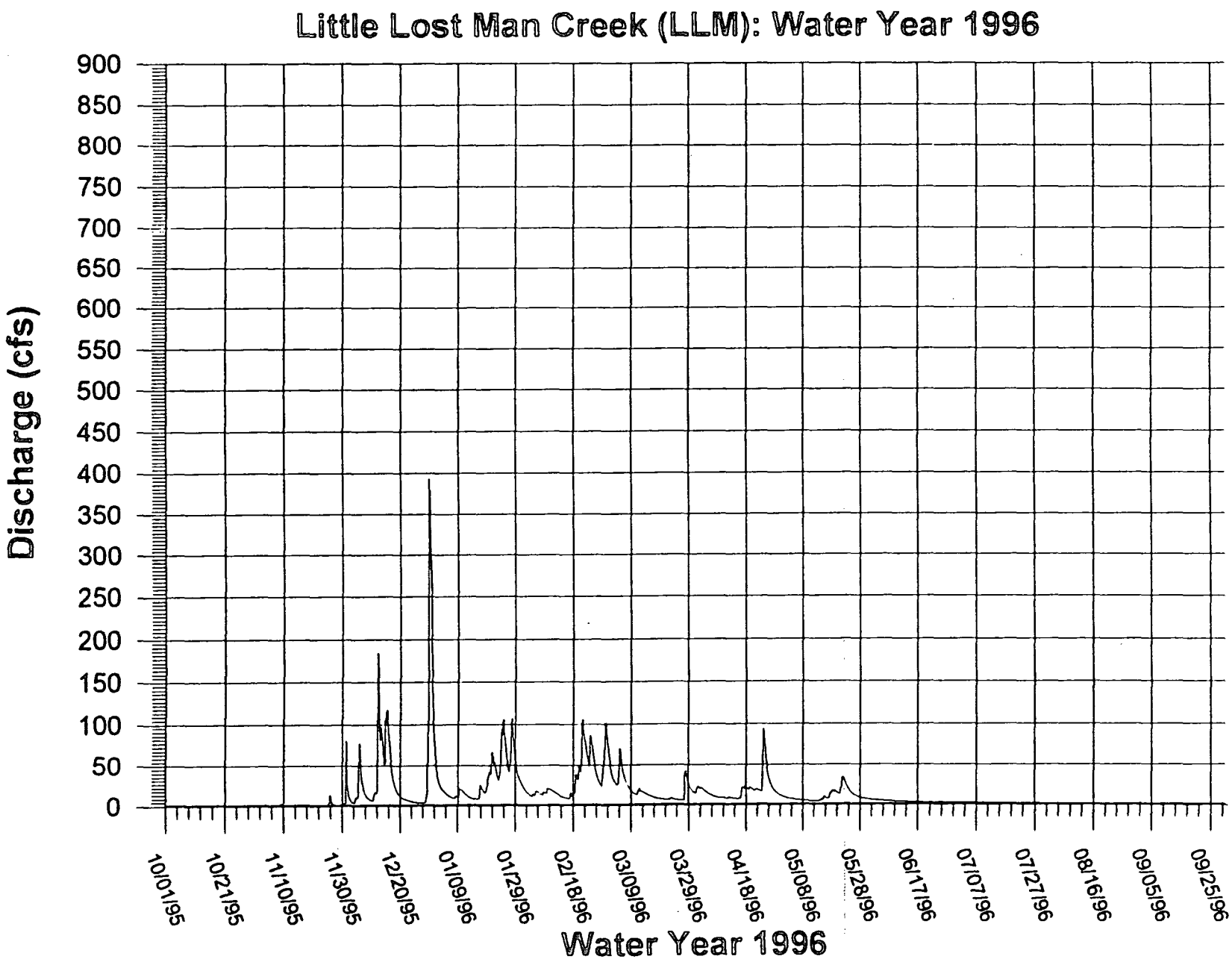

Little Lost Man Creek (LLM): Water Year 1995
Discharge (cfs)
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

# Little Lost Man Creek (LLM) WY96: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.11 | 0.04 | 33.13 | 51.61 | 18.58 | 58.04 | 21.81 | 9.52 | 6.16 | 2.66 | --- | --- |
| 2 | 0.10 | 0.04 | 8.18 | 29.12 | 14.38 | 36.80 | 20.49 | 8.51 | 5.61 | --- | --- | --- |
| 3 | 0.10 | 0.04 | 4.47 | 20.84 | 12.05 | 28.16 | 17.80 | 7.81 | 5.37 | --- | --- | --- |
| 4 | 0.10 | 0.04 | 8.67 | 16.79 | 13.93 | 31.26 | 15.03 | 7.05 | 5.04 | --- | --- | --- |
| 5 | 0.08 | 0.03 | 40.29 | 13.42 | 17.30 | 58.39 | 12.75 | 6.52 | 4.76 | --- | --- | --- |
| 6 | 0.06 | 0.03 | 38.27 | 10.90 | 15.00 | 37.71 | 11.09 | 6.16 | 4.82 | --- | --- | --- |
| 7 | 0.06 | 0.03 | 17.38 | 9.45 | 14.90 | 27.37 | 9.81 | 5.87 | 4.50 | --- | --- | --- |
| 8 | 0.06 | 0.78 | 10.50 | 11.84 | 15.59 | 20.50 | 8.89 | 5.58 | 4.26 | --- | --- | --- |
| 9 | 0.06 | 2.24 | 7.63 | 17.10 | 21.08 | 16.26 | 8.88 | 5.31 | 4.20 | --- | --- | --- |
| 10 | 0.05 | 0.42 | 8.45 | 18.67 | 19.01 | 13.80 | 8.53 | 5.04 | 4.03 | --- | --- | --- |
| 11 | 1.33 | 0.17 | 16.67 | 14.84 | 16.50 | 17.71 | 8.56 | 4.76 | 3.84 | --- | --- | --- |
| 12 | 0.42 | 0.18 | 113.45 | 11.73 | 14.09 | 17.26 | 8.90 | 4.50 | 3.78 | --- | --- | --- |
| 13 | 0.13 | 0.14 | 84.47 | 9.61 | 11.95 | 15.37 | 8.35 | 4.74 | 3.72 | --- | --- | --- |
| 14 | 0.10 | 0.14 | 71.93 | 8.46 | 10.37 | 13.16 | 7.79 | 6.21 | 3.61 | --- | --- | --- |
| 15 | 0.08 | 0.13 | 102.46 | 8.72 | 9.32 | 11.44 | 7.63 | 8.55 | 3.56 | --- | --- | --- |
| 16 | 0.07 | 0.12 | 60.86 | 16.35 | 9.02 | 10.10 | 16.81 | 8.29 | 3.40 | --- | --- | --- |
| 17 | 0.07 | 0.19 | 32.38 | 19.89 | 13.46 | 9.03 | 21.59 | 11.40 | 3.40 | --- | --- | --- |
| 18 | 0.07 | 1.50 | 20.03 | 17.69 | 19.48 | 8.24 | 20.62 | 16.68 | 3.20 | --- | --- | --- |
| 19 | 0.07 | 0.50 | 13.58 | 32.98 | 35.01 | 7.52 | 20.58 | 16.69 | 3.15 | --- | --- | --- |
| 20 | 0.05 | 0.24 | 10.25 | 50.11 | 50.68 | 7.11 | 18.79 | 13.98 | 3.10 | --- | --- | --- |
| 21 | 0.06 | 0.19 | 8.23 | 53.41 | 91.49 | 6.73 | 19.12 | 21.90 | 3.10 | --- | --- | --- |
| 22 | 0.04 | 0.28 | 6.89 | 39.49 | 67.12 | 7.77 | 18.47 | 31.37 | 2.98 | --- | --- | --- |
| 23 | 0.04 | 0.23 | 5.85 | 43.59 | 62.88 | 7.75 | 25.98 | 22.94 | 3.11 | --- | --- | --- |
| 24 | 0.04 | 0.41 | 5.06 | 93.48 | 72.27 | 6.83 | 78.31 | 16.82 | 3.45 | --- | --- | --- |
| 25 | 0.04 | 6.20 | 4.32 | 73.74 | 48.03 | 6.48 | 43.80 | 13.38 | 2.99 | --- | --- | --- |
| 26 | 0.05 | 3.40 | 3.91 | 46.17 | 33.17 | 5.90 | 27.89 | 11.21 | 3.05 | --- | --- | --- |
| 27 | 0.06 | 1.68 | 3.95 | 78.38 | 25.82 | 19.29 | 20.12 | 9.61 | 2.98 | --- | --- | --- |
| 28 | 0.06 | 1.29 | 4.48 | 72.58 | 51.85 | 33.91 | 15.62 | 8.37 | 2.79 | --- | --- | --- |
| 29 | 0.05 | 0.88 | 108.33 | 45.02 | 87.83 | 22.38 | 12.96 | 7.60 | 2.79 | --- | --- | --- |
| 30 | 0.05 | 2.69 | 299.64 | 32.86 | --- | 16.55 | 10.99 | 6.93 | 2.61 | --- | --- | --- |
| 31 | 0.05 | --- | 109.99 | 24.67 | --- | 16.34 | --- | 6.48 | --- | --- | --- | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 3.74 | 24.23 | 1263.71 | 993.53 | 892.16 | 595.16 | 547.96 | 319.77 | 113.38 | 2.66 | --- | --- |
| MEAN | 0.12 | 0.81 | 40.76 | 32.05 | 30.76 | 19.20 | 18.27 | 10.32 | 3.78 | 2.66 | --- | --- |
| MAX | 1.33 | 6.20 | 299.64 | 93.48 | 91.49 | 58.39 | 78.31 | 31.37 | 6.16 | 2.66 | --- | --- |
| MIN | 0.04 | 0.03 | 3.91 | 8.46 | 9.02 | 5.90 | 7.63 | 4.50 | 2.61 | 2.66 | --- | --- |
| PEAK | 2.54 | 14.17 | 393.21 | 106.53 | 106.22 | 76.67 | 94.35 | 34.64 | 6.33 | 2.66 | --- | --- |
| LOW | 0.04 | 0.03 | 3.28 | 8.25 | 8.44 | 5.87 | 7.44 | 4.44 | 2.61 | 2.66 | --- | --- |
| AC-FT | 7.42 | 48.06 | 2506.53 | 1970.64 | 1769.58 | 1180.48 | 1086.86 | 634.25 | 224.88 | 5.27 | --- | --- |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 17.30 |
| PERIOD TOTAL MAX: | 299.64 |
| PERIOD TOTAL MIN: | 0.03 |
| PERIOD TOTAL AC-FT: | 9433.98 |
| PERIOD TOTAL PEAK: | 393.21 |
| PERIOD TOTAL LOW: | 0.03 |

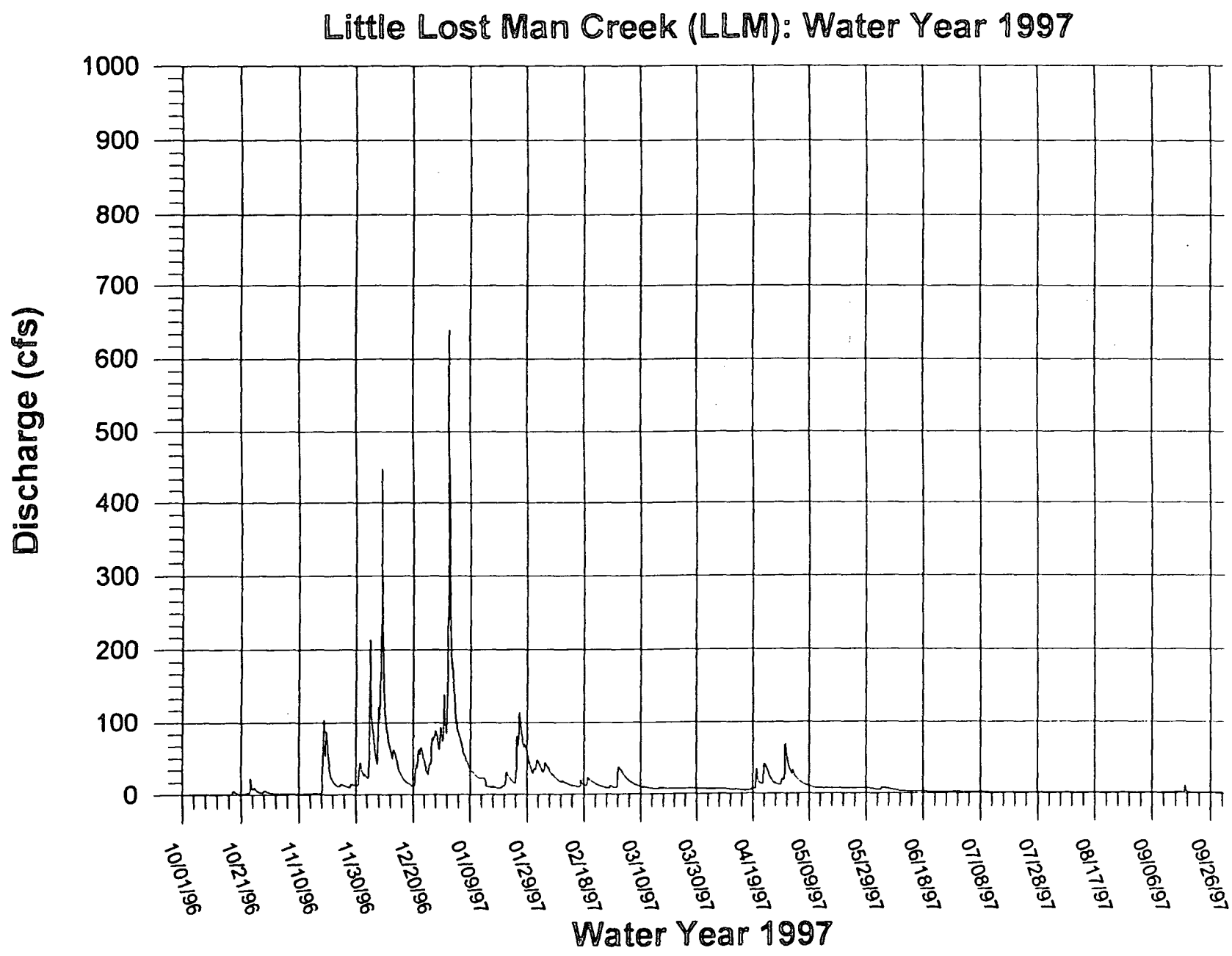

Little Lost Man Creek (LLM): Water Year 1996
Discharge (cfs)
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
10/01/95
10/21/95
11/10/95
11/30/95
12/20/95
01/09/96
01/29/96
02/18/96
03/09/96
03/29/96
04/18/96
05/08/96
05/28/96
06/17/96
07/07/96
07/27/96
08/16/96
09/05/96
09/25/96
Water Year 1996

# Little Lost Man Creek (LLM) WY97: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.31 | 1.85 | 38.52 | 341.36 | 44.35 | 10.49 | 6.91 | 40.47 | 5.19 | 1.97 | 1.21 | 1.01 |
| 2 | 0.34 | 1.62 | 28.64 | 193.44 | 38.73 | 35.32 | 6.58 | 29.01 | 4.87 | 1.81 | 1.19 | 0.99 |
| 3 | 0.35 | 1.49 | 25.69 | 129.68 | 31.54 | 30.05 | 6.58 | 27.25 | 6.76 | 1.84 | 1.16 | 0.97 |
| 4 | 0.31 | 1.37 | 71.42 | 91.59 | 39.89 | 24.33 | 6.58 | 21.35 | 7.41 | 1.79 | 1.14 | 0.99 |
| 5 | 0.36 | 1.25 | 110.97 | 76.09 | 34.96 | 19.99 | 6.58 | 17.18 | 6.90 | 1.81 | 1.12 | 0.99 |
| 6 | 0.38 | 1.13 | 65.50 | 60.04 | 27.97 | 16.64 | 6.55 | 14.18 | 5.99 | 1.79 | 1.12 | 0.99 |
| 7 | 0.38 | 1.13 | 66.03 | 48.18 | 24.93 | 14.18 | 6.57 | 12.15 | 5.05 | 1.70 | 1.10 | 0.99 |
| 8 | 0.38 | 1.08 | 165.79 | 38.29 | 20.78 | 11.98 | 6.58 | 10.64 | 4.20 | 1.70 | 1.04 | 0.99 |
| 9 | 0.27 | 1.08 | 190.31 | 32.45 | 17.88 | 10.45 | 6.26 | 9.35 | 3.63 | 1.68 | 1.04 | 0.96 |
| 10 | 0.30 | 1.03 | 98.56 | 28.34 | 17.48 | 9.54 | 5.98 | 8.45 | 2.74 | 1.59 | 1.02 | 0.95 |
| 11 | 0.30 | 1.03 | 70.96 | 23.86 | 15.42 | 9.58 | 5.28 | 7.69 | 2.78 | 1.59 | 1.02 | 0.93 |
| 12 | 0.30 | 0.98 | 54.02 | 21.72 | 13.75 | 8.57 | 5.54 | 7.61 | 2.72 | 1.56 | 1.04 | 0.92 |
| 13 | 0.67 | 1.11 | 57.77 | 22.72 | 12.13 | 7.65 | 5.53 | 7.51 | 2.72 | 1.49 | 1.04 | 1.02 |
| 14 | 0.66 | 1.17 | 42.03 | 15.80 | 10.97 | 7.13 | 4.83 | 7.42 | 2.56 | 1.46 | 1.02 | 1.92 |
| 15 | 0.60 | 1.85 | 29.85 | 10.50 | 9.98 | 6.90 | 4.46 | 7.51 | 2.41 | 1.46 | 0.97 | 1.76 |
| 16 | 0.59 | 1.42 | 22.17 | 9.73 | 10.76 | 7.42 | 4.25 | 7.42 | 2.41 | 1.39 | 0.99 | 1.66 |
| 17 | 0.65 | 1.72 | 17.30 | 9.68 | 14.56 | 7.66 | 4.46 | 7.24 | 2.27 | 1.41 | 0.99 | 4.54 |
| 18 | 3.72 | 64.86 | 14.58 | 8.54 | 12.20 | 7.67 | 5.50 | 7.16 | 2.30 | 1.41 | 0.99 | 1.92 |
| 19 | 2.33 | 72.83 | 12.18 | 8.69 | 19.51 | 7.27 | 6.53 | 7.16 | 2.23 | 1.41 | 0.99 | 1.35 |
| 20 | 1.24 | 42.80 | 19.19 | 10.70 | 18.67 | 7.34 | 23.12 | 7.16 | 2.13 | 1.36 | 1.03 | 1.19 |
| 21 | 0.93 | 21.55 | 47.24 | 20.10 | 15.92 | 7.34 | 15.17 | 7.16 | 2.13 | 1.36 | 1.04 | 1.10 |
| 22 | 1.40 | 14.85 | 60.60 | 25.35 | 13.41 | 7.17 | 19.80 | 7.05 | 2.00 | 1.39 | 0.97 | 1.02 |
| 23 | 2.05 | 11.24 | 52.19 | 19.57 | 11.27 | 7.16 | 37.80 | 7.19 | 2.00 | 1.36 | 0.96 | 1.02 |
| 24 | 11.30 | 12.46 | 35.26 | 15.87 | 9.84 | 7.16 | 27.87 | 7.33 | 1.97 | 1.34 | 0.99 | 1.02 |
| 25 | 8.09 | 12.46 | 34.01 | 58.95 | 8.75 | 7.16 | 19.66 | 6.99 | 1.97 | 1.29 | 0.99 | 0.99 |
| 26 | 5.04 | 10.68 | 60.15 | 98.11 | 8.02 | 7.02 | 14.83 | 6.94 | 1.87 | 1.27 | 1.59 | 1.17 |
| 27 | 3.25 | 9.47 | 81.72 | 71.70 | 10.52 | 6.99 | 12.91 | 7.01 | 1.91 | 1.25 | 1.40 | 1.12 |
| 28 | 2.92 | 13.31 | 76.83 | 63.67 | 9.42 | 6.99 | 11.67 | 7.07 | 1.84 | 1.25 | 1.14 | 1.04 |
| 29 | 4.51 | 13.38 | 78.48 | 47.41 | --- | 6.91 | 17.77 | 6.82 | 2.09 | 1.21 | 1.06 | 1.02 |
| 30 | 3.43 | 14.62 | 92.37 | 33.25 | --- | 6.80 | 48.33 | 6.53 | 2.48 | 1.21 | 1.06 | 0.99 |
| 31 | 2.44 | --- | 98.62 | 32.62 | --- | 6.95 | --- | 6.02 | --- | 1.21 | 0.99 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 59.80 | 336.81 | 1918.95 | 1668.00 | 523.63 | 337.83 | 360.48 | 340.04 | 97.56 | 46.37 | 33.43 | 37.52 |
| MEAN | 1.93 | 11.23 | 61.90 | 53.81 | 18.70 | 10.90 | 12.02 | 10.97 | 3.25 | 1.50 | 1.08 | 1.25 |
| MAX | 11.30 | 72.83 | 190.31 | 341.36 | 44.35 | 35.32 | 48.33 | 40.47 | 7.41 | 1.97 | 1.59 | 4.54 |
| MIN | 0.27 | 0.98 | 12.18 | 8.54 | 8.02 | 6.80 | 4.25 | 6.02 | 1.84 | 1.21 | 0.96 | 0.92 |
| PEAK | 22.88 | 103.59 | 447.76 | 639.27 | 47.95 | 37.95 | 69.00 | 53.23 | 8.07 | 2.16 | 2.10 | 10.51 |
| LOW | 0.20 | 0.98 | 10.64 | 8.35 | 7.93 | 6.58 | 3.95 | 5.37 | 1.81 | 1.21 | 0.93 | 0.90 |
| AC-FT | 118.61 | 668.06 | 3806.17 | 3308.44 | 1038.61 | 670.08 | 715.01 | 674.46 | 193.51 | 91.97 | 66.31 | 74.42 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 15.78 |
| PERIOD TOTAL MAX: | 341.36 |
| PERIOD TOTAL MIN: | 0.27 |
| PERIOD TOTAL AC-FT: | 11425.64 |
| PERIOD TOTAL PEAK: | 639.27 |
| PERIOD TOTAL LOW: | 0.20 |

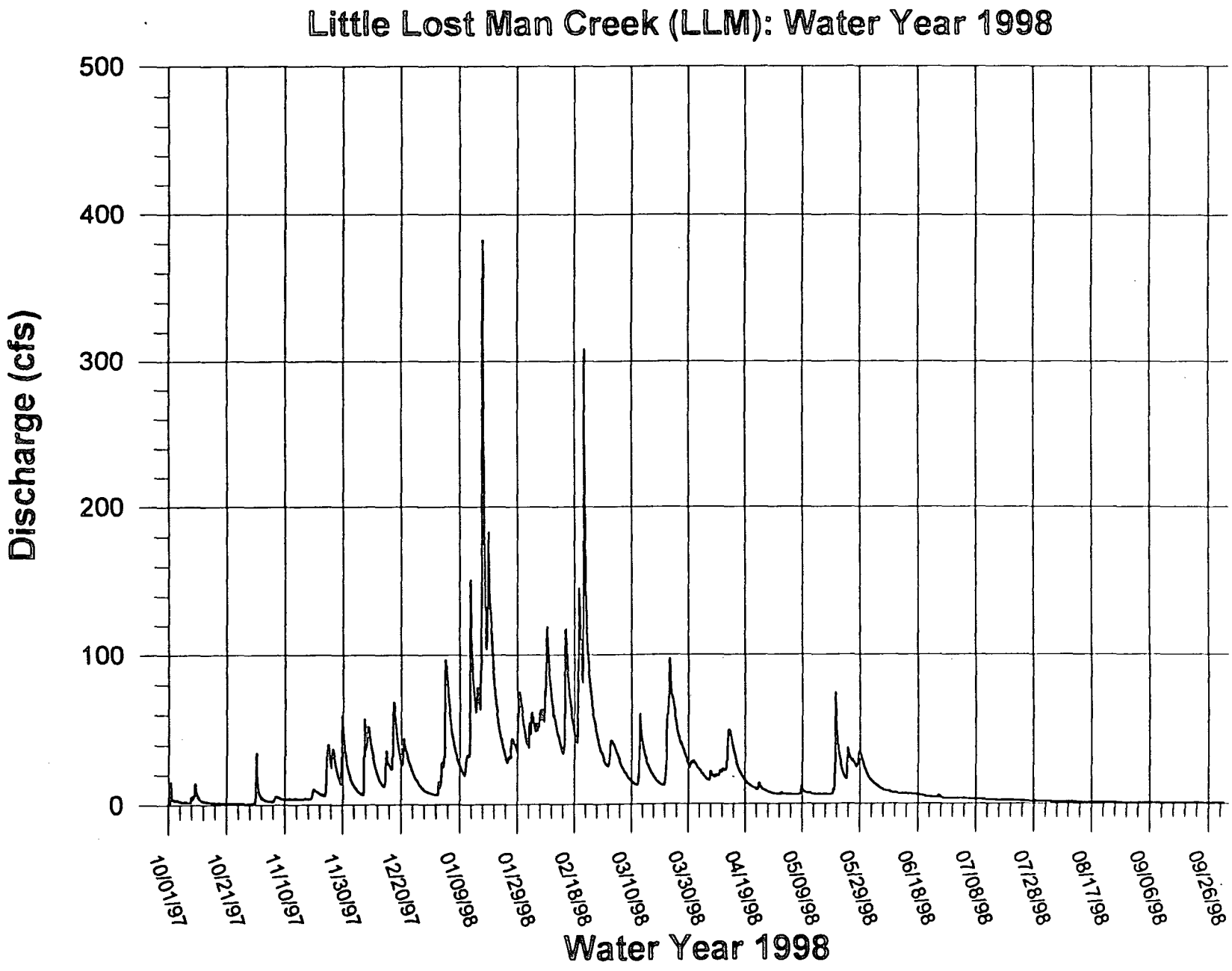

Little Lost Man Creek (LLM): Water Year 1997
Discharge (cfs)
1000
900
800
700
600
500
400
300
200
100
0
10/01/96
10/21/96
11/10/96
11/30/96
12/20/96
01/09/97
01/29/97
02/18/97
03/10/97
03/30/97
04/19/97
05/09/97
05/29/97
06/18/97
07/08/97
07/28/97
08/17/97
09/06/97
09/26/97
Water Year 1997

# Little Lost Man Creek (LLM) WY98: Daily Mean Discharge (cfs)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.74 | 5.83 | 26.15 | 9.14 | 39.99 | 26.06 | 27.04 | 6.66 | 16.32 | 3.51 | 1.57 | 0.63 |
| 2 | 4.04 | 3.75 | 17.91 | 17.33 | 51.48 | 35.12 | 24.22 | 6.40 | 14.33 | 3.48 | 1.42 | 0.61 |
| 3 | 2.77 | 2.84 | 13.27 | 41.96 | 55.31 | 40.86 | 21.54 | 6.29 | 12.50 | 3.36 | 1.38 | 0.55 |
| 4 | 2.61 | 2.36 | 10.17 | 84.24 | 49.99 | 35.65 | 19.15 | 6.34 | 10.94 | 3.36 | 1.28 | 0.55 |
| 5 | 1.92 | 2.07 | 8.06 | 59.78 | 55.06 | 30.85 | 16.75 | 6.29 | 9.81 | 3.12 | 1.28 | 0.53 |
| 6 | 1.86 | 3.58 | 6.59 | 43.96 | 59.41 | 25.69 | 16.93 | 6.20 | 8.78 | 2.89 | 1.24 | 0.53 |
| 7 | 1.64 | 4.99 | 34.96 | 34.31 | 66.57 | 21.71 | 19.60 | 6.21 | 8.43 | 2.89 | 1.24 | 0.53 |
| 8 | 2.19 | 4.26 | 46.80 | 28.02 | 105.31 | 18.77 | 18.27 | 8.39 | 8.00 | 2.96 | 1.21 | 0.53 |
| 9 | 4.98 | 3.50 | 40.54 | 23.38 | 78.70 | 15.93 | 18.53 | 8.49 | 7.14 | 2.78 | 1.21 | 0.55 |
| 10 | 9.77 | 3.21 | 29.38 | 20.43 | 61.68 | 14.37 | 21.11 | 7.28 | 7.30 | 2.78 | 1.14 | 0.57 |
| 11 | 4.24 | 3.90 | 21.41 | 30.94 | 51.80 | 12.78 | 22.54 | 6.99 | 6.75 | 2.67 | 1.11 | 0.53 |
| 12 | 2.75 | 3.58 | 16.02 | 86.91 | 43.46 | 25.35 | 26.99 | 6.52 | 6.84 | 2.67 | 1.11 | 0.49 |
| 13 | 2.20 | 3.77 | 12.63 | 85.52 | 35.88 | 47.32 | 47.92 | 6.39 | 6.75 | 2.56 | 1.02 | 0.47 |
| 14 | 1.81 | 3.55 | 21.08 | 67.20 | 65.71 | 34.42 | 40.70 | 6.26 | 6.75 | 2.46 | 0.99 | 0.45 |
| 15 | 1.50 | 3.36 | 27.76 | 70.08 | 94.88 | 27.62 | 31.70 | 6.23 | 6.38 | 2.41 | 0.91 | 0.41 |
| 16 | 1.35 | 3.68 | 24.36 | 175.23 | 67.26 | 23.01 | 25.09 | 6.22 | 6.38 | 2.36 | 0.93 | 0.41 |
| 17 | 1.35 | 3.81 | 59.66 | 209.42 | 52.61 | 19.38 | 20.33 | 6.12 | 6.03 | 2.26 | 0.96 | 0.43 |
| 18 | 1.21 | 3.72 | 43.83 | 128.14 | 43.27 | 16.43 | 16.94 | 6.12 | 6.12 | 2.21 | 0.93 | 0.52 |
| 19 | 1.08 | 7.75 | 31.36 | 138.27 | 106.45 | 14.28 | 14.47 | 7.27 | 5.68 | 2.07 | 0.91 | 0.47 |
| 20 | 1.08 | 9.17 | 32.68 | 95.19 | 97.38 | 12.85 | 12.67 | 44.05 | 4.77 | 2.12 | 0.91 | 0.49 |
| 21 | 0.96 | 7.66 | 35.78 | 68.94 | 196.47 | 13.37 | 11.30 | 36.77 | 4.65 | 2.07 | 0.91 | 0.47 |
| 22 | 0.96 | 6.48 | 29.33 | 52.26 | 114.30 | 44.79 | 10.10 | 24.95 | 4.33 | 1.99 | 0.88 | 0.45 |
| 23 | 0.91 | 6.20 | 23.35 | 41.95 | 79.96 | 81.64 | 10.96 | 18.45 | 4.29 | 1.98 | 0.91 | 0.43 |
| 24 | 0.85 | 30.26 | 18.65 | 33.80 | 61.39 | 72.15 | 10.73 | 24.64 | 4.27 | 1.90 | 0.91 | 0.47 |
| 25 | 0.88 | 29.99 | 15.08 | 28.90 | 50.62 | 59.10 | 9.21 | 31.16 | 4.65 | 1.90 | 0.85 | 0.47 |
| 26 | 0.79 | 33.46 | 12.33 | 34.86 | 40.38 | 47.02 | 8.32 | 28.23 | 3.87 | 1.73 | 0.82 | 0.53 |
| 27 | 0.77 | 25.84 | 10.18 | 41.91 | 34.21 | 40.72 | 7.52 | 25.75 | 3.61 | 1.65 | 0.72 | 0.54 |
| 28 | 0.80 | 17.38 | 8.89 | 36.57 | 28.93 | 35.43 | 6.94 | 30.54 | 3.36 | 1.84 | 0.72 | 0.53 |
| 29 | 1.06 | 33.17 | 8.05 | 64.49 | --- | 29.63 | 6.57 | 30.90 | 3.42 | 1.61 | 0.65 | 0.53 |
| 30 | 1.32 | 39.58 | 7.16 | 62.22 | --- | 25.59 | 6.48 | 24.98 | 3.47 | 1.61 | 0.70 | 0.55 |
| 31 | 17.15 | --- | 6.46 | 47.56 | --- | 28.18 | --- | 19.94 | --- | 1.57 | 0.63 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 81.55 | 312.67 | 699.88 | 1962.91 | 1888.46 | 976.07 | 550.62 | 467.03 | 205.89 | 74.75 | 31.46 | 15.15 |
| MEAN | 2.63 | 10.42 | 22.58 | 63.32 | 67.44 | 31.49 | 18.35 | 15.07 | 6.86 | 2.41 | 1.01 | 0.50 |
| MAX | 17.15 | 39.58 | 59.66 | 209.42 | 196.47 | 81.64 | 47.92 | 44.05 | 16.32 | 3.51 | 1.57 | 0.63 |
| MIN | 0.77 | 2.07 | 6.46 | 9.14 | 28.93 | 12.78 | 6.48 | 6.12 | 3.36 | 1.57 | 0.63 | 0.41 |
| PEAK | 34.73 | 59.02 | 68.11 | 382.47 | 307.98 | 96.89 | 49.50 | 73.96 | 18.11 | 3.61 | 1.57 | 0.63 |
| LOW | 0.47 | 2.03 | 6.29 | 6.21 | 27.02 | 12.19 | 6.38 | 6.12 | 3.36 | 1.57 | 0.63 | 0.41 |
| AC-FT | 161.75 | 620.17 | 1388.19 | 3893.37 | 3745.71 | 1936.00 | 1092.13 | 926.34 | 408.38 | 148.26 | 62.39 | 30.05 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 19.91 |
| PERIOD TOTAL MAX: | 209.42 |
| PERIOD TOTAL MIN: | 0.41 |
| PERIOD TOTAL AC-FT: | 14412.74 |
| PERIOD TOTAL PEAK: | 382.47 |
| PERIOD TOTAL LOW: | 0.41 |


Little Lost Man Creek (LLM): Water Year 1998
Discharge (cfs)
500
400
300
200
100
0
10/01/97
10/21/97
11/10/97
11/30/97
12/20/97
01/09/98
01/29/98
02/18/98
03/10/98
03/30/98
04/19/98
05/09/98
05/29/98
06/18/98
07/08/98
07/28/98
08/17/98
09/06/98
09/26/98
Water Year 1998

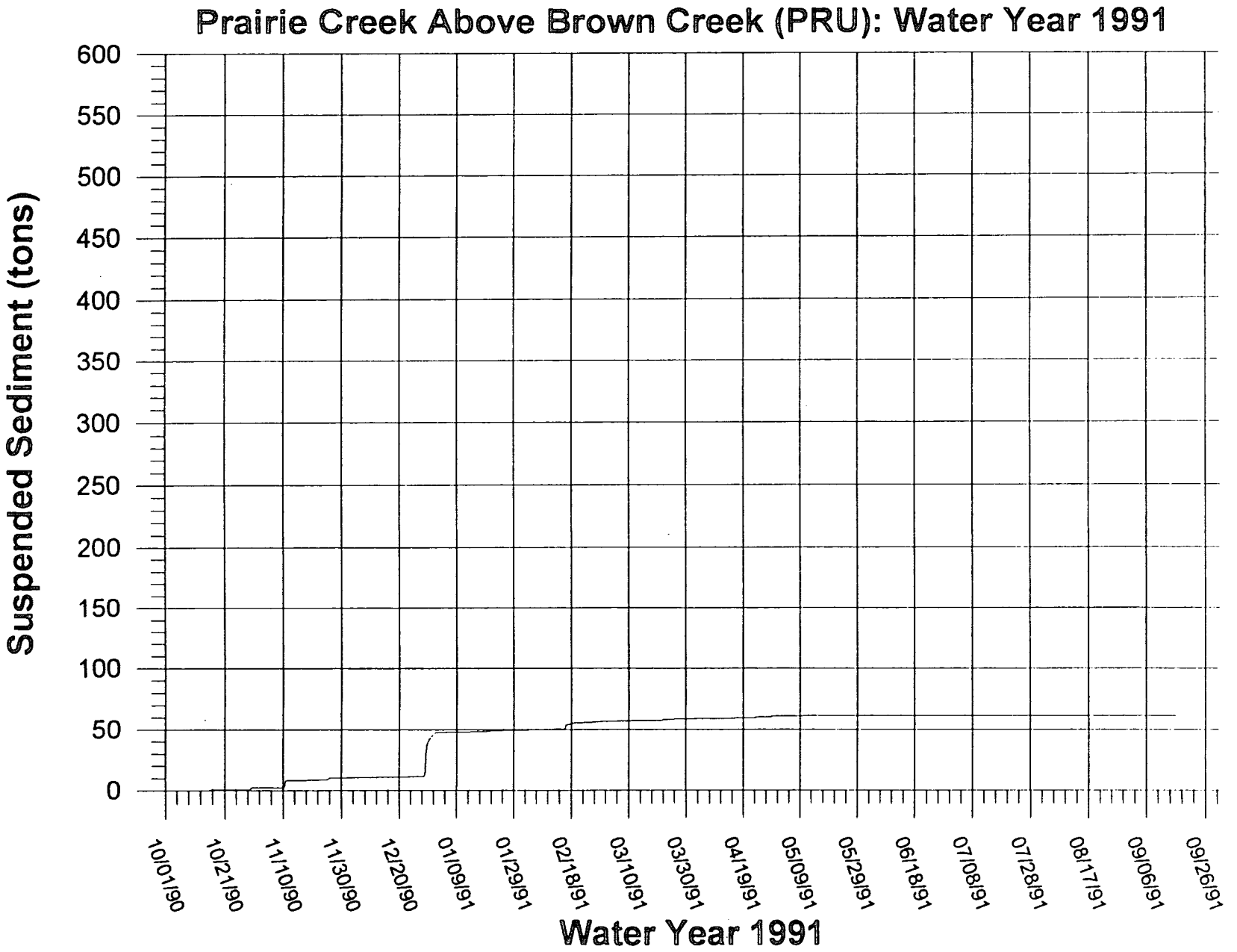
**Appendix C. Annual suspended sediment flux data tables and mass curves from Prairie Creek stream gages**

# Prairie Creek Above Brown Creek (PRU) WY91: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 0.01 | 0.02* | 0.04* | 0.03 | 0.02* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 2 | | 0.01* | 0.02* | 0.04* | 0.15 | 3.58 | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | | 0.01* | 0.02* | 0.04* | 0.05* | 0.30* | 0.02* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 4 | | 0.01* | 0.01* | 0.04* | 0.47 | 0.98 | 0.02* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 5 | | 0.01* | 0.01* | 0.04* | 0.06 | 0.53 | 0.52 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 6 | | 0.01* | 0.01* | 0.04* | 0.06* | 0.10* | 0.04 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | | 0.01* | 0.01* | 0.04* | 0.06* | 0.08* | 0.04* | 0.08 | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | | 0.01* | 0.01* | 0.05* | 0.06* | 0.07* | 0.03* | 0.57 | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | | 0.01* | 0.08 | 0.05* | 0.05* | 0.06* | 0.21 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | | 0.00* | 1.45 | 0.05* | 0.05* | 0.05* | 0.05* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | | 0.00* | 0.05 | 0.05* | 0.05* | 0.04 | 0.05* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | | 0.00* | 0.03* | 19.01 | 0.05* | 0.33 | 0.05* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | | 1.56 | 0.03* | 10.83 | 0.05* | 0.07* | 0.05* | 0.53 | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | | 0.11 | 0.03* | 2.80 | 0.05* | 0.07* | 0.04* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | 0.00 | 0.01* | 0.03* | 3.32 | 0.04* | 0.07* | 0.04* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | 0.00* | 0.01* | 0.03* | 0.21 | 0.04* | 0.06* | 0.04* | 0.04 | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.00* | 0.01* | 0.03* | 0.08* | 0.04* | 0.06* | 0.04* | 0.16* | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.00* | 0.01* | 0.03* | 0.07* | 0.04* | 0.06* | 0.04* | 0.09* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.00* | 0.01* | 0.03* | 0.07* | 0.04* | 0.06* | 0.04* | 0.04 | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.00* | 0.01* | 0.03* | 0.06* | 0.03* | 0.05* | 0.04* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.00* | 0.01* | 0.04* | 0.06* | 0.03* | 0.05* | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.00* | 0.01* | 0.04* | 0.06* | 0.03* | 0.05* | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.00* | 0.01* | 0.04* | 0.05* | 0.03* | 0.17 | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.00* | 0.01* | 0.04* | 0.05* | 0.03* | 0.12 | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.00* | 5.81 | 0.04* | 0.04* | 0.03* | 0.08 | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.00* | 0.05 | 0.04* | 0.04* | 0.02* | 0.09 | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.00* | 0.02* | 0.04* | 0.03* | 0.02* | 0.05* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.00* | 0.02* | 0.04* | 0.03* | 0.02* | 0.05* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.00* | 0.02* | 0.04* | 0.02* | --- | 0.04* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.12 | 0.02* | 0.04* | 0.02* | --- | 0.04* | 0.03* | 0.00 | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.37 | --- | 0.04* | 0.01* | --- | 0.03* | --- | 0.00* | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.54 | 7.80 | 2.39 | 37.35 | 1.69 | 7.42 | 1.77 | 1.99 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.03 | 0.26 | 0.08 | 1.20 | 0.06 | 0.24 | 0.06 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 0.37 | 5.81 | 1.45 | 19.01 | 0.47 | 3.58 | 0.52 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.17 |
| PERIOD TOTAL MAX: | 19.01 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 60.95 |

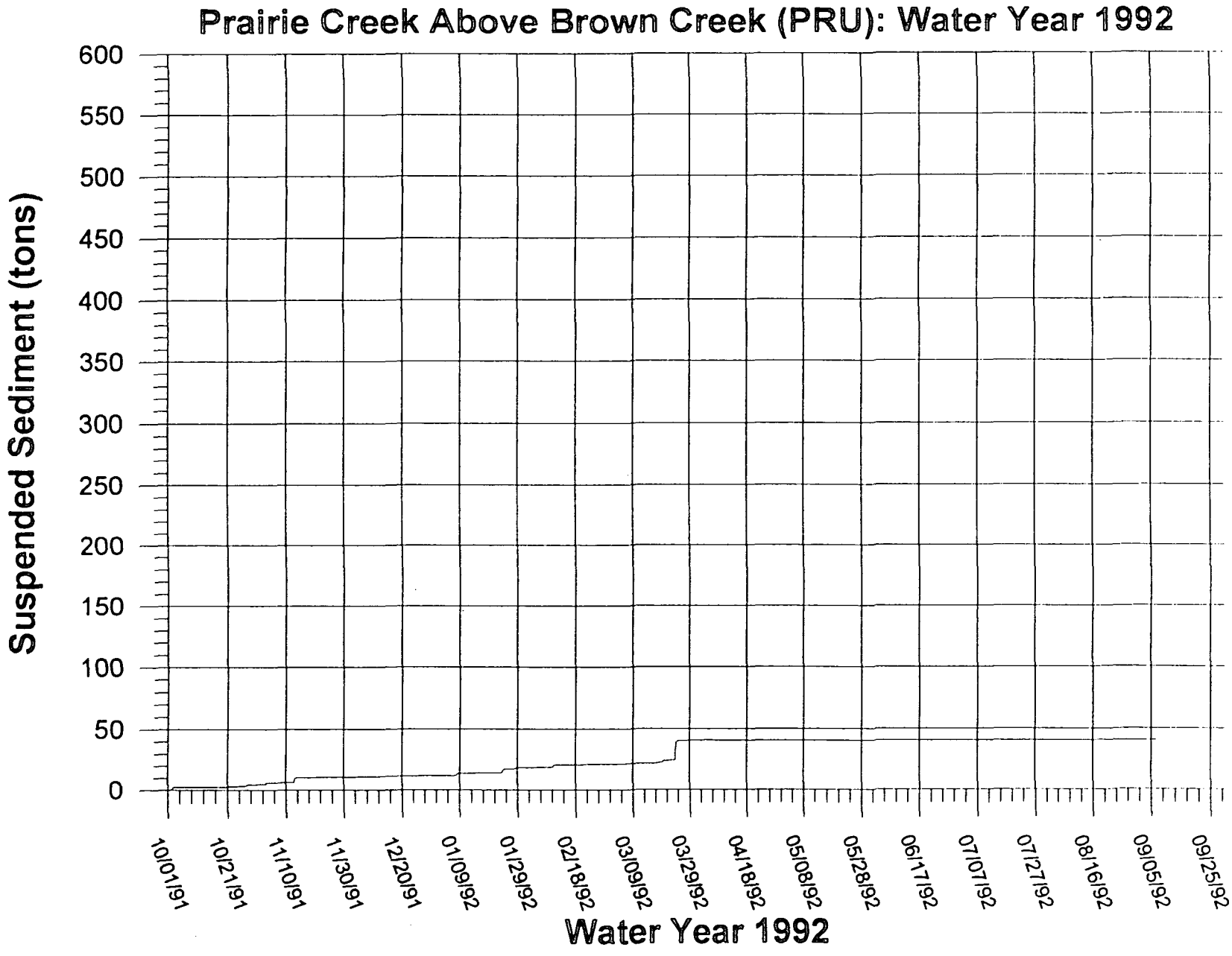

Prairie Creek Above Brown Creek (PRU): Water Year 1991
Suspended Sediment (tons)
600
550
500
450
400
350
300
250
200
150
100
50
0
10/01/90
10/21/90
11/10/90
11/30/90
12/20/90
01/09/91
01/29/91
02/18/91
03/10/91
03/30/91
04/19/91
05/09/91
05/29/91
06/18/91
07/08/91
07/28/91
08/17/91
09/06/91
09/26/91
Water Year 1991

# Prairie Creek Above Brown Creek (PRU) WY92: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 0.02* | 0.02* | 0.02* | 0.50 | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 2 | | 0.02* | 0.02* | 0.02* | 0.06* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | | 0.02* | 0.02* | 0.02* | 0.06* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 4 | | 0.02* | 0.02* | 0.18 | 0.06* | 0.23 | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 5 | | 0.02* | 0.02* | 0.18 | 0.05* | 1.49 | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 6 | | 0.02* | 3.59 | 0.03 | 0.05* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | | 0.02* | 0.29 | 0.02* | 0.04* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | | 0.01* | 0.04* | 0.02* | 0.04* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | | 0.01* | 0.04* | 0.02* | 0.04* | 0.03* | 0.35 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | | 0.01* | 0.04* | 0.02* | 0.03* | 0.03* | 0.28 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | | 0.01* | 0.04* | 0.02* | 0.03* | 0.03* | 0.24 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | | 0.01* | 0.03* | 0.02* | 0.02* | 0.02* | 1.49 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | | 0.01 | 0.03* | 0.02* | 0.02* | 0.02* | 0.06* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | | 0.04 | 0.03* | 0.02* | 0.14 | 0.04 | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | | 0.01* | 0.03* | 0.02* | 0.04 | 0.13 | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | | 0.02 | 0.03* | 0.02* | 2.55 | 0.10 | 13.64 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | | 0.46 | 0.03* | 0.02* | 0.27 | 0.03 | 2.23 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | | 0.17 | 0.03* | 0.02* | 0.06* | 0.03* | 0.10* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | | 0.02 | 0.03* | 0.02* | 0.06* | 0.02* | 0.09* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | | 1.20 | 0.03* | 0.02* | 0.42 | 0.02* | 0.08* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | | 0.03 | 0.03* | 0.02* | 0.58 | 0.02* | 0.07* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | | 0.02* | 0.03* | 0.02* | 0.21 | 0.02* | 0.06* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | | 0.02* | 0.03* | 0.02* | 0.06* | 0.02* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.00 | 0.02* | 0.03* | 0.02* | 0.06* | 0.02* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.41 | 0.02* | 0.03* | 0.02* | 0.05* | 0.02* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 1.76 | 0.89 | 0.03* | 0.02* | 0.05* | 0.02* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.02* | 0.56 | 0.03* | 0.02* | 0.05* | 0.01* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.02* | 0.02* | 0.03* | 0.02* | 0.04* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.02* | 0.02* | 0.02* | 0.02* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.02* | 0.02* | 0.02* | 0.02* | --- | 0.17 | 0.00 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.02* | --- | 0.02* | 1.38 | --- | 0.02* | --- | 0.00* | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 2.28 | 3.74 | 4.72 | 2.30 | 5.69 | 2.78 | 19.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.28 | 0.12 | 0.15 | 0.07 | 0.20 | 0.09 | 0.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 1.76 | 1.20 | 3.59 | 1.38 | 2.55 | 1.49 | 13.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.12 |
| PERIOD TOTAL MAX: | 13.64 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 40.58 |

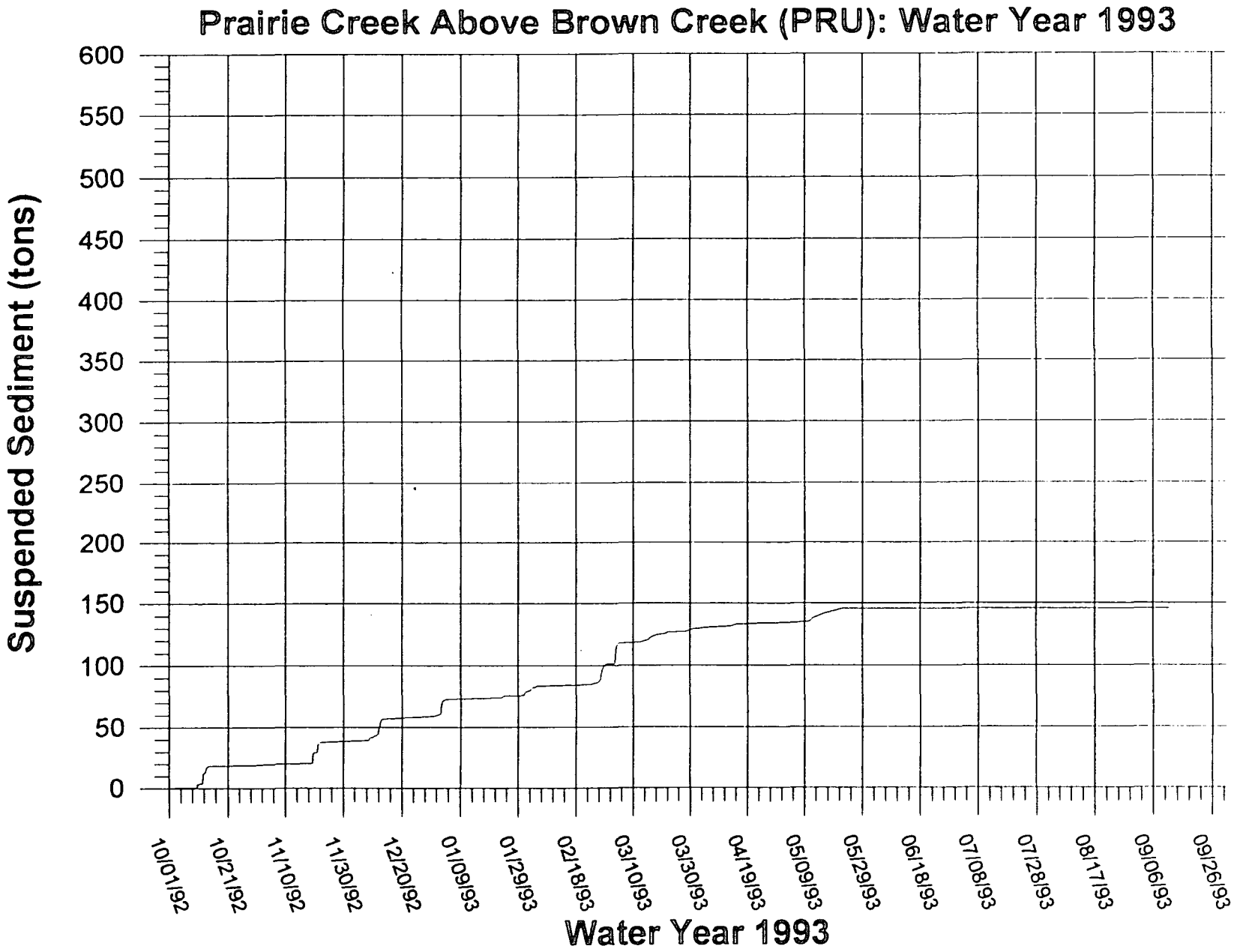

Prairie Creek Above Brown Creek (PRU): Water Year 1992
Suspended Sediment (tons)
600
550
500
450
400
350
300
250
200
150
100
50
0
10/01/91
10/21/91
11/10/91
11/30/91
12/20/91
01/09/92
01/29/92
02/18/92
03/09/92
03/29/92
04/18/92
05/08/92
05/28/92
06/17/92
07/07/92
07/27/92
08/16/92
09/05/92
09/25/92
Water Year 1992

# Prairie Creek Above Brown Creek (PRU) WY93: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5.55 | 0.04* | 3.25 | 0.07* | 0.08* | 0.70 | 0.06* | 0.73 | 0.00* | 0.00* | 0.00* |
| 2 | | 3.38 | 0.04* | 0.22* | 0.06* | 0.08* | 0.75* | 0.07 | 0.79* | 0.00* | 0.00* | 0.00* |
| 3 | | 0.04 | 0.05* | 0.21* | 0.06* | 0.07* | 1.10 | 1.14 | 1.03* | 0.00* | 0.00* | 0.00* |
| 4 | | 0.04* | 0.05* | 0.20* | 0.05* | 0.07* | 1.72 | 0.49 | 1.19 | 0.00* | 0.00* | 0.00* |
| 5 | | 0.04* | 0.05* | 0.19* | 0.04* | 0.06* | 1.16 | 0.06 | 0.95* | 0.00* | 0.00* | 0.00* |
| 6 | | 0.03* | 0.05* | 0.18* | 0.04* | 0.06* | 0.44 | 0.05* | 0.69* | 0.00* | 0.00* | 0.00* |
| 7 | | 0.03* | 0.05* | 0.17* | 0.03* | 0.05* | 0.32* | 0.04* | 0.46* | 0.00* | 0.00* | 0.00* |
| 8 | | 0.03* | 8.78 | 0.16* | 0.03* | 0.05* | 0.38 | 0.04* | 0.28* | 0.00* | 0.00* | 0.00* |
| 9 | | 0.03* | 0.13 | 0.15* | 0.02* | 0.05* | 0.76 | 0.04* | 0.12* | 0.00* | 0.00* | 0.00* |
| 10 | | 0.03* | 7.88 | 0.14* | 0.08 | 0.04* | 0.57 | 0.04* | 0.01 | 0.00* | 0.00* | 0.00* |
| 11 | | 0.03* | 0.59 | 0.13* | 1.22 | 0.04* | 0.09 | 0.34 | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | | 0.03* | 0.16* | 0.12* | 0.30 | 0.03* | 0.08* | 0.14 | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | | 0.02* | 0.15* | 0.11* | 0.07* | 0.03* | 0.08* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | | 0.02* | 0.14* | 0.10* | 0.06* | 0.47 | 0.07* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | | 0.02* | 0.13* | 0.09* | 0.05* | 0.44 | 0.06* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | | 0.02* | 0.12* | 0.08* | 0.05* | 0.40 | 0.23 | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | | 0.02* | 0.11* | 0.07* | 0.04* | 2.34 | 0.73 | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | | 0.02* | 0.11* | 0.06* | 0.19 | 10.03 | 0.84 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | | 0.24 | 0.10* | 0.21 | 2.63 | 2.64 | 0.51 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.03 | 0.02* | 0.09* | 1.13 | 1.11 | 0.12 | 0.28* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.14 | 0.23 | 0.08* | 5.97 | 1.55 | 0.09* | 0.17 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.02* | 0.16 | 0.07* | 5.72 | 1.12 | 0.69 | 0.21* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.02* | 0.04* | 0.06* | 0.59 | 1.07 | 14.77 | 0.24 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.02* | 0.04* | 0.05* | 0.11* | 0.11 | 0.93 | 0.21* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.01* | 0.04* | 0.05* | 0.11* | 0.10* | 0.19* | 0.19* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.01* | 0.04* | 0.04* | 0.10* | 0.10* | 0.17* | 0.16* | 0.34 | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.01* | 0.04* | 0.06 | 0.09* | 0.09* | 0.14* | 0.14* | 0.30 | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.01* | 0.04* | 2.25 | 0.09* | 0.09* | 0.12* | 0.12* | 0.07 | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 1.64 | 0.04* | 1.01 | 0.08* | --- | 0.09* | 0.10* | 0.10 | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 1.84 | 0.04* | 1.23 | 0.08* | --- | 0.07* | 0.08* | 2.05 | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 5.83 | --- | 9.47 | 0.07* | --- | 0.29 | --- | 1.46 | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 9.56 | 10.35 | 33.18 | 20.01 | 10.42 | 34.72 | 12.49 | 7.26 | 6.25 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.80 | 0.34 | 1.07 | 0.65 | 0.37 | 1.12 | 0.42 | 0.23 | 0.21 | 0.00 | 0.00 | 0.00 |
| MAX | 5.83 | 5.55 | 9.47 | 5.97 | 2.63 | 14.77 | 1.72 | 2.05 | 1.19 | 0.00 | 0.00 | 0.00 |
| MIN | 0.01 | 0.02 | 0.04 | 0.06 | 0.02 | 0.03 | 0.06 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.42 |
| PERIOD TOTAL MAX: | 14.77 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 144.23 |

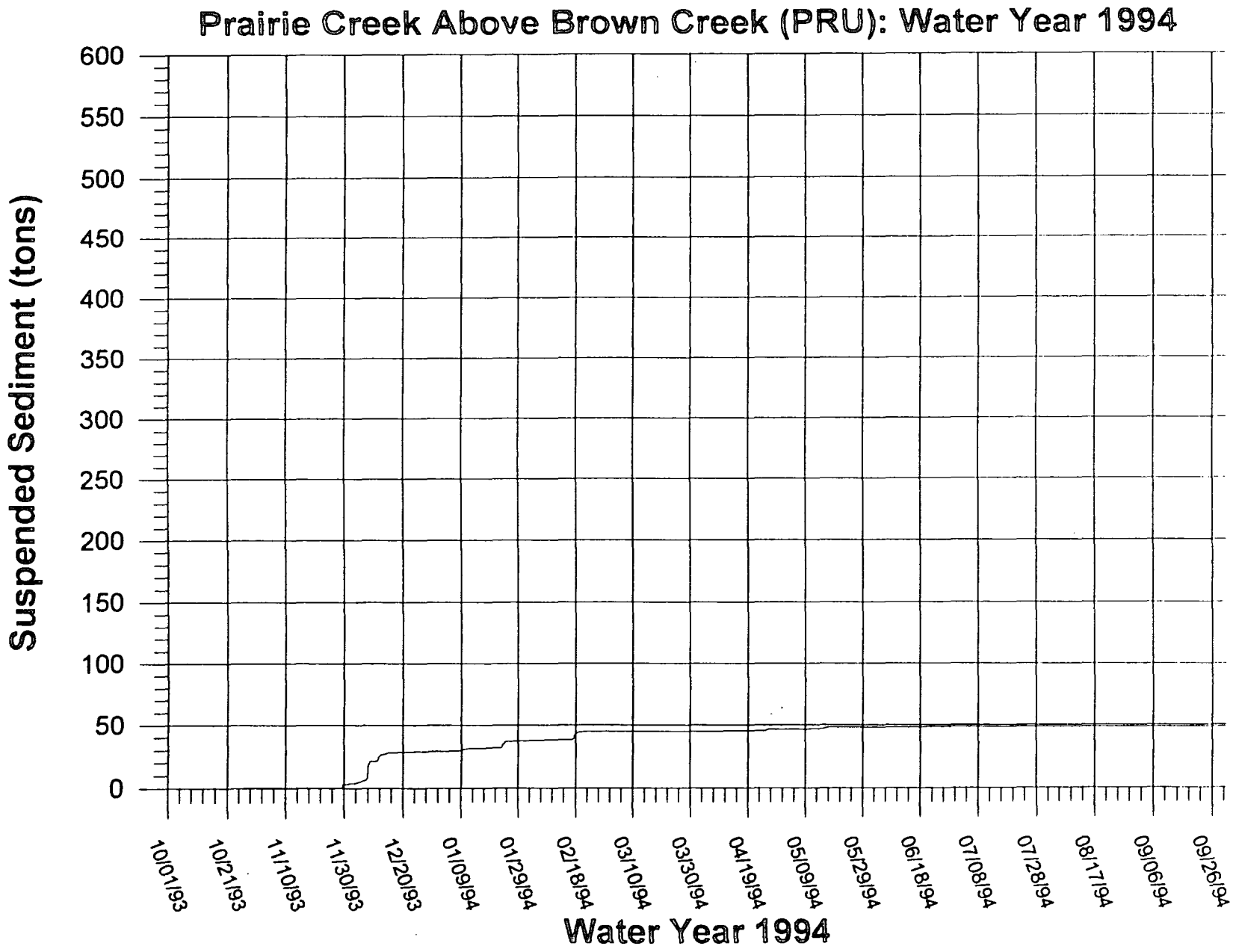

Prairie Creek Above Brown Creek (PRU): Water Year 1993
Suspended Sediment (tons)
600
550
500
450
400
350
300
250
200
150
100
50
0
10/01/92
10/21/92
11/10/92
11/30/92
12/20/92
01/09/93
01/29/93
02/18/93
03/10/93
03/30/93
04/19/93
05/09/93
05/29/93
06/18/93
07/08/93
07/28/93
08/17/93
09/06/93
09/26/93
Water Year 1993

# Prairie Creek Above Brown Creek (PRU) WY94: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00* | 0.67 | 0.19 | 0.06* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 2 | 0.00* | 0.00* | 0.03 | 0.02 | 0.05* | 0.00* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.00* | 0.02* | 0.02* | 0.05* | 0.00* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.00* | 0.71 | 0.14 | 0.04* | 0.00* | 0.00* | 0.01* | 0.00 | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.00* | 0.74* | 0.13 | 0.04* | 0.00* | 0.01* | 0.01* | 0.03 | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.00* | 0.75* | 0.02 | 0.03* | 0.00* | 0.01* | 0.08 | 0.02 | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.00* | 8.84 | 0.02* | 0.03* | 0.00* | 0.01* | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.00* | 6.11 | 0.78 | 0.02* | 0.00* | 0.01* | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 0.00* | 0.07 | 0.57 | 0.02* | 0.00* | 0.01* | 0.01* | 0.01 | 0.00* | 0.00* | 0.00* |
| 10 | 0.00* | 0.00* | 0.05* | 0.42 | 0.22 | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 11 | 0.00* | 0.00* | 4.41 | 0.18* | 0.02 | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 12 | 0.00* | 0.00* | 0.75 | 0.04 | 0.02* | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.00* | 0.34 | 0.04* | 0.02* | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.00* | 0.96 | 0.03* | 0.02* | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 15 | 0.00* | 0.00* | 0.11 | 0.03* | 0.02* | 0.00* | 0.01* | 0.68 | 0.01* | 0.00* | 0.00* | 0.00* |
| 16 | 0.00* | 0.00* | 0.11* | 0.03* | 0.08 | 0.00* | 0.01* | 0.46 | 0.01* | 0.00* | 0.00* | 0.00* |
| 17 | 0.00* | 0.00* | 0.10* | 0.03* | 4.24 | 0.00 | 0.01* | 0.15 | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.00* | 0.00* | 0.09* | 0.03* | 1.67 | 0.00* | 0.01* | 0.02 | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.00* | 0.00* | 0.09* | 0.03* | 0.34 | 0.01* | 0.01* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.00* | 0.00* | 0.08* | 0.02* | 0.07* | 0.02* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.00* | 0.00* | 0.08* | 0.02* | 0.03* | 0.02 | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.00* | 0.10 | 0.07* | 0.06 | 0.00 | 0.02* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.00* | 0.01 | 0.07* | 3.42 | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.00* | 0.01* | 0.06* | 1.86 | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.00* | 0.01* | 0.05* | 0.09 | 0.00* | 0.00* | 1.26 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.00* | 0.01* | 0.05* | 0.09* | 0.00* | 0.00 | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.00* | 0.01* | 0.04* | 0.08* | 0.00* | 0.00* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.00* | 0.02* | 0.04* | 0.08* | 0.00* | 0.00* | 0.00 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.00* | 2.97 | 0.03* | 0.07* | --- | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.00* | 0.02* | 0.02* | 0.07* | --- | 0.00* | 0.00* | 0.00* | 0.00 | 0.00* | 0.00* | 0.00 |
| 31 | 0.00* | --- | 0.02* | 0.06* | --- | 0.00* | --- | 0.00* | --- | 0.00* | 0.00* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.02 | 3.23 | 25.56 | 8.67 | 7.09 | 0.09 | 1.50 | 1.66 | 0.17 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.00 | 0.11 | 0.82 | 0.28 | 0.25 | 0.00 | 0.05 | 0.05 | 0.01 | 0.00 | 0.00 | 0.00 |
| MAX | 0.00 | 2.97 | 8.84 | 3.42 | 4.24 | 0.02 | 1.26 | 0.68 | 0.03 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.13 |
| PERIOD TOTAL MAX: | 8.84 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 47.99 |

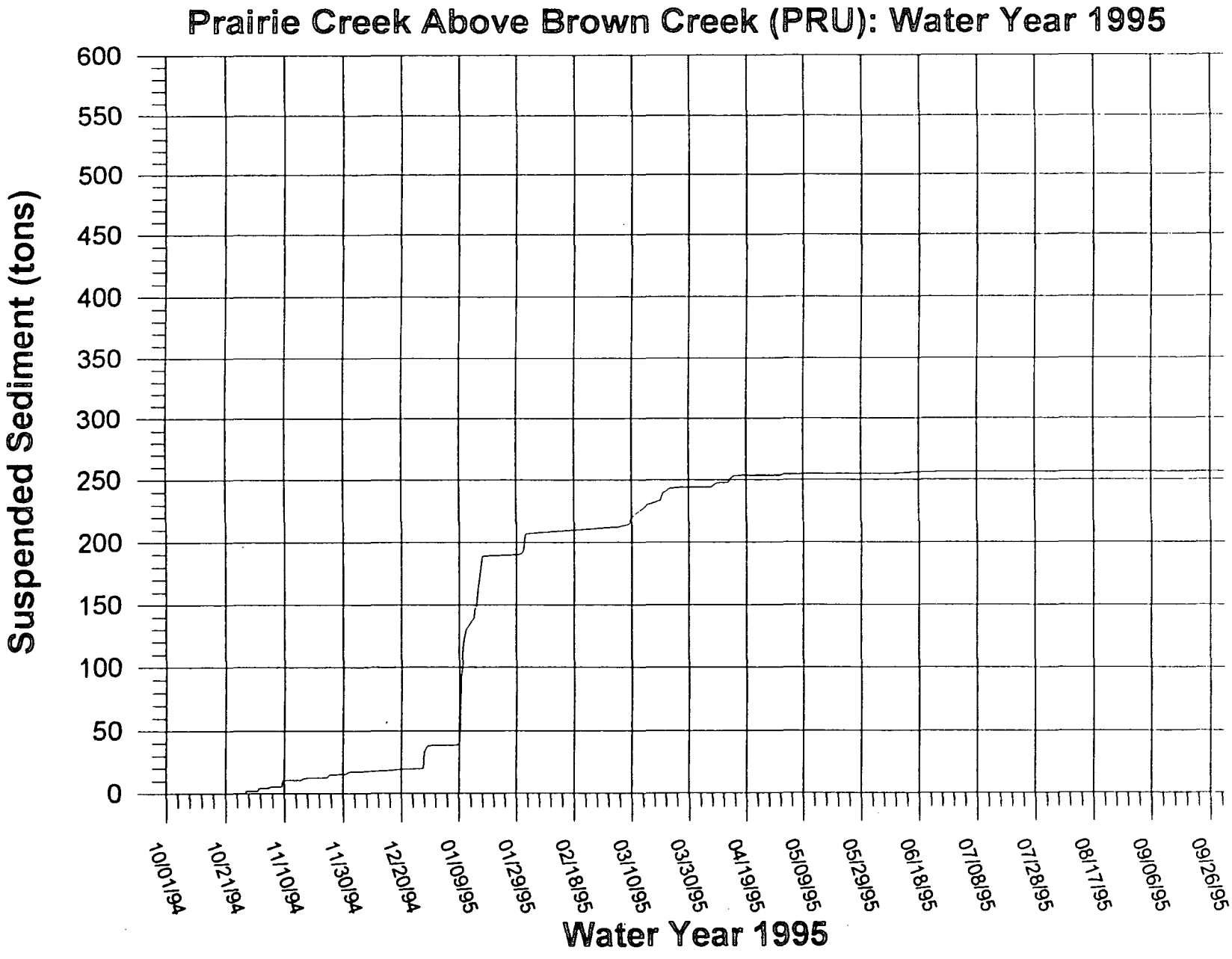

Prairie Creek Above Brown Creek (PRU): Water Year 1994
Suspended Sediment (tons)
600
550
500
450
400
350
300
250
200
150
100
50
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1994

# Prairie Creek Above Brown Creek (PRU) WY95: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 2.07 | 1.45 | 0.04 | 1.67 | 0.05* | 0.03* | 0.83 | 0.00* | 0.00* | 0.00* | 0.00* |
| 2 | 0.00* | 0.01 | 0.34 | 0.04* | 0.30* | 0.04* | 0.03* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.01* | 0.09 | 0.04* | 0.30* | 0.10 | 0.03* | 0.01 | 0.00* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.92 | 0.06* | 0.03* | 0.29* | 0.17* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.28 | 0.05* | 0.03* | 0.28* | 0.29 | 0.21 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.01* | 0.05* | 0.03* | 0.27* | 0.53 | 0.24 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.01* | 0.04* | 0.31 | 0.26* | 0.58* | 2.14 | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.01* | 0.04* | 0.70 | 0.25* | 0.77 | 0.81 | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 5.19 | 0.03* | 58.85 | 0.24* | 4.89 | 0.28* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | 0.00* | 0.02 | 0.03* | 27.27 | 0.23* | 2.90 | 0.10 | 0.02* | 0.22 | 0.00* | 0.00* | 0.00* |
| 11 | 0.00 | 0.02* | 0.15 | 5.62 | 0.22* | 1.77 | 0.08* | 0.03* | 0.01 | 0.00* | 0.00* | 0.00* |
| 12 | 0.00* | 0.02* | 0.29 | 3.79 | 0.21* | 1.68* | 1.16 | 0.15 | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.02* | 0.06 | 3.64 | 0.20* | 1.61* | 2.93 | 0.07 | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.01* | 0.02* | 10.85 | 0.19* | 2.03 | 1.37 | 0.01* | 0.48 | 0.00* | 0.00* | 0.00* |
| 15 | 0.00* | 0.70 | 0.09 | 26.51 | 0.18* | 1.33 | 0.10 | 0.00 | 0.43 | 0.00* | 0.00* | 0.00* |
| 16 | 0.00* | 0.51 | 0.23 | 8.59* | 0.17* | 0.36 | 0.06* | 0.00* | 0.03* | 0.00* | 0.00* | 0.00* |
| 17 | 0.00* | 0.51 | 0.21 | 0.16 | 0.16* | 0.70* | 0.03* | 0.00* | 0.03* | 0.00* | 0.00* | 0.00* |
| 18 | 0.00* | 0.06 | 0.21 | 0.15* | 0.15* | 0.98* | 0.01 | 0.00* | 0.03* | 0.00* | 0.00* | 0.00* |
| 19 | 0.00* | 0.02* | 0.16* | 0.14* | 0.14* | 1.20* | 0.00* | 0.00* | 0.10 | 0.00* | 0.00* | 0.00* |
| 20 | 0.00* | 0.10 | 0.08 | 0.14* | 0.13* | 6.07 | 0.00* | 0.00* | 0.03* | 0.00* | 0.00* | 0.00* |
| 21 | 0.00* | 0.02 | 0.03 | 0.13* | 0.13* | 1.09* | 0.00* | 0.00* | 0.02* | 0.00* | 0.00* | 0.00* |
| 22 | 0.00* | 0.02* | 0.03* | 0.12* | 0.12* | 2.05 | 0.00* | 0.00* | 0.02* | 0.00* | 0.00* | 0.00* |
| 23 | 0.00* | 0.06 | 0.02* | 0.11* | 0.11* | 0.52 | 0.00* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 24 | 0.00* | 0.94 | 0.23 | 0.10* | 0.10* | 0.17* | 0.00* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 25 | 0.00* | 1.62 | 0.03* | 0.10* | 0.09* | 0.10* | 0.00* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 26 | 0.00* | 0.09* | 0.11 | 0.09* | 0.08* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 1.27 | 0.07* | 12.97 | 0.08* | 0.07* | 0.01 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.61 | 0.06* | 5.29 | 0.07* | 0.06* | 0.01* | 0.00* | 0.00* | 0.00 | 0.00* | 0.00* | 0.00* |
| 29 | 0.01* | 0.05* | 0.36 | 0.16 | --- | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.01* | 0.04* | 0.08* | 1.08 | --- | 0.02* | 0.02 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.01* | --- | 0.05 | 13.87 | --- | 0.02* | --- | 0.00* | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 1.93 | 13.48 | 22.88 | 162.84 | 6.58 | 32.09 | 9.64 | 1.24 | 1.42 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.06 | 0.45 | 0.74 | 5.25 | 0.24 | 1.04 | 0.32 | 0.04 | 0.05 | 0.00 | 0.00 | 0.00 |
| MAX | 1.27 | 5.19 | 12.97 | 58.85 | 1.67 | 6.07 | 2.93 | 0.83 | 0.48 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.01 | 0.02 | 0.03 | 0.06 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.69 |
| PERIOD TOTAL MAX: | 58.85 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 252.11 |

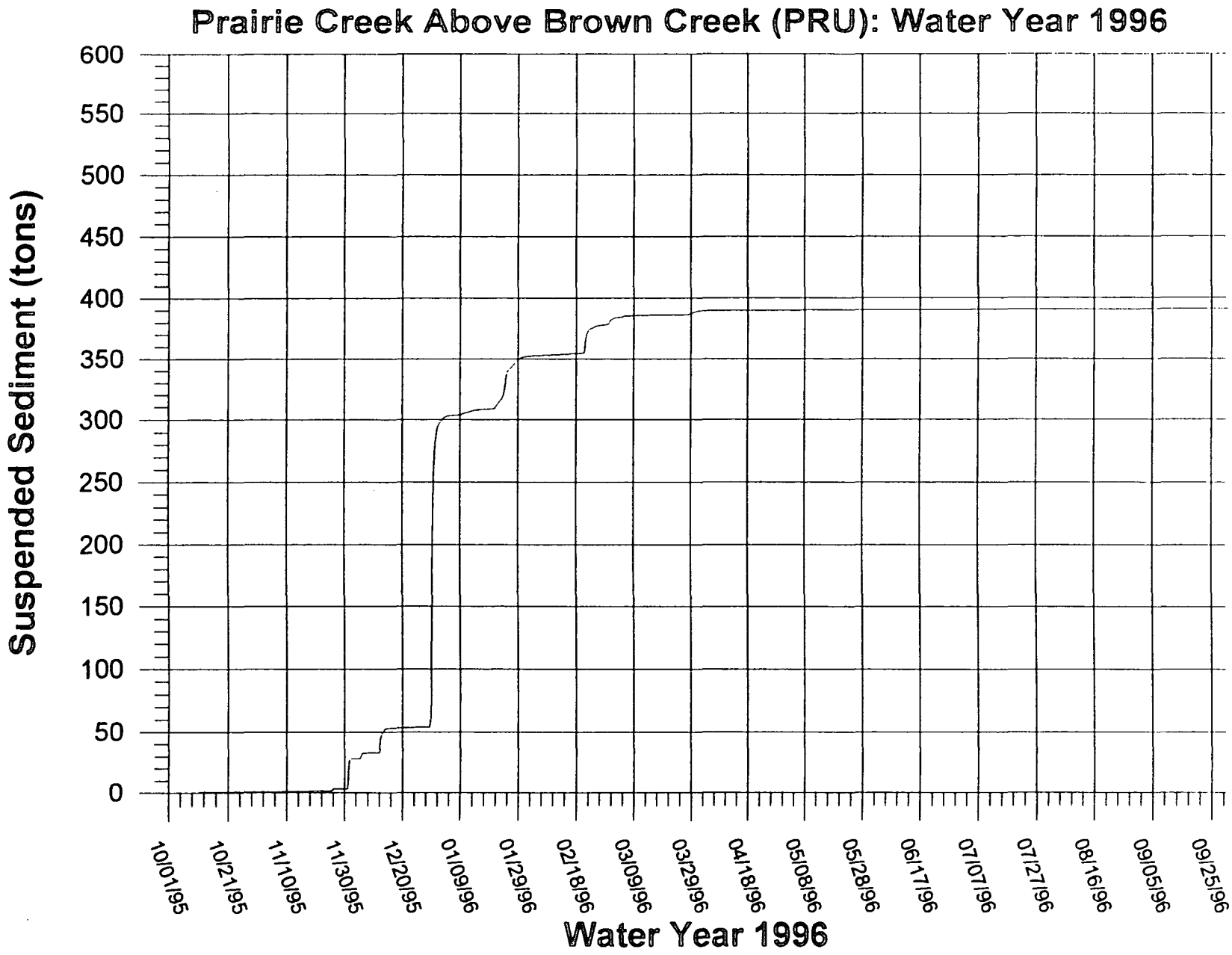

Prairie Creek Above Brown Creek (PRU): Water Year 1995
Suspended Sediment (tons)
600
550
500
450
400
350
300
250
200
150
100
50
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

# Prairie Creek Above Brown Creek (PRU) WY96: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00* | 24.58 | 5.09 | 0.17 | 1.51* | 0.06* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* |
| 2 | 0.00* | 0.00* | 0.07 | 2.82* | 0.12* | 0.26 | 0.05* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* |
| 3 | 0.00* | 0.00* | 0.06* | 1.46 | 0.12* | 0.16* | 0.04* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* |
| 4 | 0.00* | 0.00* | 0.05* | 0.44 | 0.12* | 0.38 | 0.03* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* |
| 5 | 0.00* | 0.00* | 4.35 | 0.08* | 0.12* | 0.69 | 0.02* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* |
| 6 | 0.00* | 0.00* | 0.35 | 0.09* | 0.12* | 0.14* | 0.01* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* |
| 7 | 0.00* | 0.00* | 0.05* | 0.09* | 0.12* | 0.12* | 0.00 | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* |
| 8 | 0.00* | 0.36 | 0.01* | 0.30 | 0.12* | 0.10* | 0.00* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* |
| 9 | 0.00* | 0.24 | 0.01 | 1.30 | 0.12* | 0.08* | 0.00* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* |
| 10 | 0.00* | 0.01* | 0.03* | 1.06* | 0.12* | 0.07* | 0.00* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* |
| 11 | 0.63 | 0.00* | 0.14 | 0.74* | 0.12* | 0.05* | 0.00* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* |
| 12 | 0.01 | 0.00 | 14.85 | 0.48* | 0.12* | 0.04* | 0.00* | 0.01* | 0.02* | 0.02* | 0.02* | 0.02* |
| 13 | 0.00* | 0.00* | 4.90 | 0.26* | 0.12* | 0.03* | 0.00* | 0.01* | 0.02* | 0.02* | 0.02* | 0.02* |
| 14 | 0.00* | 0.00* | 0.22* | 0.10 | 0.12* | 0.02* | 0.00* | 0.01* | 0.02* | 0.02* | 0.02* | 0.02* |
| 15 | 0.00* | 0.00* | 0.21 | 0.07* | 0.12* | 0.01* | 0.00* | 0.01* | 0.02* | 0.02* | 0.02* | 0.02* |
| 16 | 0.00* | 0.00* | 0.12* | 0.09* | 0.12* | 0.00* | 0.00* | 0.01* | 0.02* | 0.02* | 0.02* | 0.02* |
| 17 | 0.00* | 0.00 | 0.03* | 0.10* | 0.12* | 0.00 | 0.00* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 18 | 0.00* | 0.14 | 0.00 | 0.11* | 0.13* | 0.00* | 0.00* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 19 | 0.00* | 0.02* | 0.01* | 0.12* | 0.13* | 0.00* | 0.00* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 20 | 0.00* | 0.02* | 0.02* | 1.11 | 6.69 | 0.00* | 0.00* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 21 | 0.00* | 0.02* | 0.02* | 3.73 | 10.96 | 0.00* | 0.00* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 22 | 0.00* | 0.02* | 0.03* | 2.55* | 2.69 | 0.00* | 0.00* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 23 | 0.00* | 0.02* | 0.04* | 5.37 | 1.22 | 0.00* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 24 | 0.00* | 0.02* | 0.04* | 16.34 | 1.03* | 0.00* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 25 | 0.00* | 1.53 | 0.05* | 4.09 | 0.21 | 0.00* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 26 | 0.00* | 0.06 | 0.05* | 2.34 | 0.21* | 0.00* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 27 | 0.00* | 0.03* | 0.06* | 2.80 | 0.21* | 0.60 | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 28 | 0.00* | 0.03* | 0.06* | 2.50* | 0.25 | 1.20* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 29 | 0.00* | 0.03* | 54.44 | 1.41 | 3.87 | 0.69* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01* |
| 30 | 0.00* | 0.03* | 158.67 | 0.74* | --- | 0.31* | 0.01* | 0.01* | 0.02* | 0.02* | 0.02* | 0.01 |
| 31 | 0.00* | --- | 25.16 | 0.41* | --- | 0.08 | --- | 0.01* | --- | 0.02* | 0.02* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.65 | 2.61 | 288.69 | 58.17 | 29.70 | 6.56 | 0.28 | 0.32 | 0.46 | 0.55 | 0.55 | 0.45 |
| MEAN | 0.02 | 0.09 | 9.31 | 1.88 | 1.02 | 0.21 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 |
| MAX | 0.63 | 1.53 | 158.67 | 16.34 | 10.96 | 1.51 | 0.06 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 |
| MIN | 0.00 | 0.00 | 0.00 | 0.07 | 0.12 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 1.06 |
| PERIOD TOTAL MAX: | 158.67 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 388.99 |

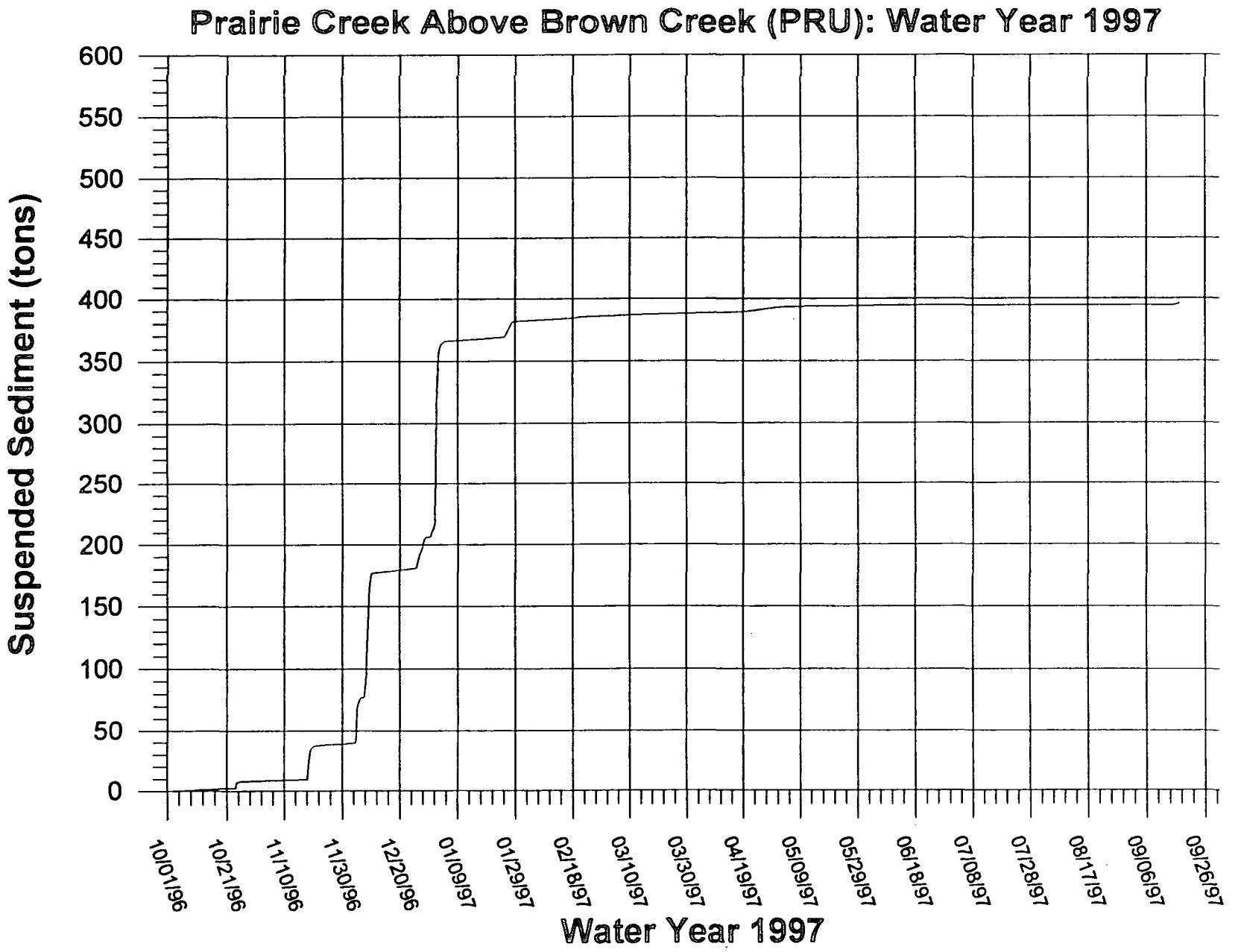

Prairie Creek Above Brown Creek (PRU): Water Year 1996
Suspended Sediment (tons)
600
550
500
450
400
350
300
250
200
150
100
50
0
10/01/95
10/21/95
11/10/95
11/30/95
12/20/95
01/09/96
01/29/96
02/18/96
03/09/96
03/29/96
04/18/96
05/08/96
05/28/96
06/17/96
07/07/96
07/27/96
08/16/96
09/05/96
09/25/96
Water Year 1996

# Prairie Creek Above Brown Creek (PRU) WY97: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.02 | 0.08* | 0.39 | 116.03 | 0.18* | 0.18 | 0.06* | 0.10* | 0.04* | 0.00* | 0.00* | 0.00* |
| 2 | 0.03* | 0.08* | 0.09* | 29.11 | 0.17* | 0.23 | 0.06* | 0.19 | 0.04* | 0.00* | 0.00* | 0.00* |
| 3 | 0.04* | 0.08* | 0.09* | 3.07 | 0.17* | 0.08* | 0.06* | 0.27 | 0.33 | 0.00* | 0.00* | 0.00* |
| 4 | 0.05* | 0.08* | 22.31 | 0.44 | 0.16* | 0.07* | 0.06* | 0.07* | 0.01 | 0.00* | 0.00* | 0.00* |
| 5 | 0.06* | 0.08* | 13.75 | 0.22* | 0.15* | 0.07* | 0.06* | 0.06* | 0.00* | 0.00* | 0.00* | 0.00* |
| 6 | 0.07* | 0.07* | 1.28 | 0.21* | 0.14* | 0.07* | 0.06* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | 0.08* | 0.07* | 9.08 | 0.20* | 0.14* | 0.07* | 0.06* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | 0.09* | 0.07* | 48.67 | 0.20* | 0.13* | 0.07* | 0.06* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | 0.10* | 0.07* | 41.06 | 0.19* | 0.12* | 0.07* | 0.06* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | 0.12* | 0.06* | 1.47 | 0.19* | 0.12* | 0.07* | 0.06* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | 0.13* | 0.06* | 0.38* | 0.18* | 0.11* | 0.07* | 0.05* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | 0.14* | 0.06* | 0.36* | 0.17* | 0.10* | 0.07* | 0.05* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | 0.09 | 0.06* | 0.34* | 0.17* | 0.10* | 0.07* | 0.05* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00 |
| 14 | 0.04* | 0.05* | 0.32* | 0.16* | 0.09* | 0.07* | 0.05* | 0.01* | 0.00* | 0.00* | 0.00* | 0.02 |
| 15 | 0.08* | 0.05* | 0.30* | 0.15* | 0.08* | 0.07* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* | 0.58 |
| 16 | 0.13* | 0.05* | 0.28* | 0.15* | 0.08* | 0.11 | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* | 0.03* |
| 17 | 0.19* | 0.06 | 0.26* | 0.14* | 0.07* | 0.08* | 0.05* | 0.00 | 0.00* | 0.00* | 0.00* | 1.51 |
| 18 | 0.63 | 22.25 | 0.24* | 0.14* | 0.06* | 0.08* | 0.12 | 0.00* | 0.00* | 0.00* | 0.00* | |
| 19 | 0.03* | 4.71 | 0.22* | 0.13* | 0.60 | 0.07* | 0.07 | 0.00* | 0.00* | 0.00* | 0.00* | |
| 20 | 0.03* | 1.14 | 0.20* | 0.12* | 0.14 | 0.07* | 0.23 | 0.01* | 0.00* | 0.00* | 0.00* | |
| 21 | 0.02* | 0.28 | 0.18* | 0.12* | 0.06* | 0.07* | 0.16* | 0.01* | 0.00* | 0.00* | 0.00* | |
| 22 | 0.02 | 0.11* | 0.15* | 0.11* | 0.06* | 0.07* | 0.22* | 0.01* | 0.00* | 0.00* | 0.00* | |
| 23 | 0.02* | 0.09* | 0.13* | 0.11* | 0.06* | 0.07* | 0.26* | 0.01* | 0.00* | 0.00* | 0.00* | |
| 24 | 4.94 | 0.15 | 0.11* | 0.10* | 0.06* | 0.07* | 0.31* | 0.01* | 0.00* | 0.00* | 0.00* | |
| 25 | 0.46 | 0.08 | 4.65 | 3.07 | 0.06* | 0.07* | 0.36* | 0.02* | 0.00* | 0.00* | 0.00* | |
| 26 | 0.10* | 0.06* | 8.09 | 5.98 | 0.06* | 0.07* | 0.40* | 0.02* | 0.00* | 0.00* | 0.00* | |
| 27 | 0.10* | 0.08 | 8.25 | 3.12* | 0.06* | 0.07* | 0.44* | 0.02* | 0.00* | 0.00* | 0.00* | |
| 28 | 0.09* | 0.17 | 4.59 | 0.61 | 0.06* | 0.07* | 0.48* | 0.02* | 0.00* | 0.00* | 0.00* | |
| 29 | 0.09* | 0.06* | 0.27 | 0.20* | --- | 0.07* | 0.21 | 0.03* | 0.00* | 0.00* | 0.00* | |
| 30 | 0.09* | 0.21 | 4.22 | 0.19* | --- | 0.07* | 0.39 | 0.03* | 0.00* | 0.00* | 0.00* | |
| 31 | 0.09* | --- | 6.16 | 0.19* | --- | 0.06* | --- | 0.03* | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 8.18 | 30.52 | 177.93 | 165.17 | 3.39 | 2.52 | 4.62 | 1.18 | 0.42 | 0.01 | 0.01 | 2.15 |
| MEAN | 0.26 | 1.02 | 5.74 | 5.33 | 0.12 | 0.08 | 0.15 | 0.04 | 0.01 | 0.00 | 0.00 | 0.13 |
| MAX | 4.94 | 22.25 | 48.67 | 116.03 | 0.60 | 0.23 | 0.48 | 0.27 | 0.33 | 0.00 | 0.00 | 1.51 |
| MIN | 0.02 | 0.05 | 0.09 | 0.10 | 0.06 | 0.06 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 1.13 |
| PERIOD TOTAL MAX: | 116.03 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 396.08 |

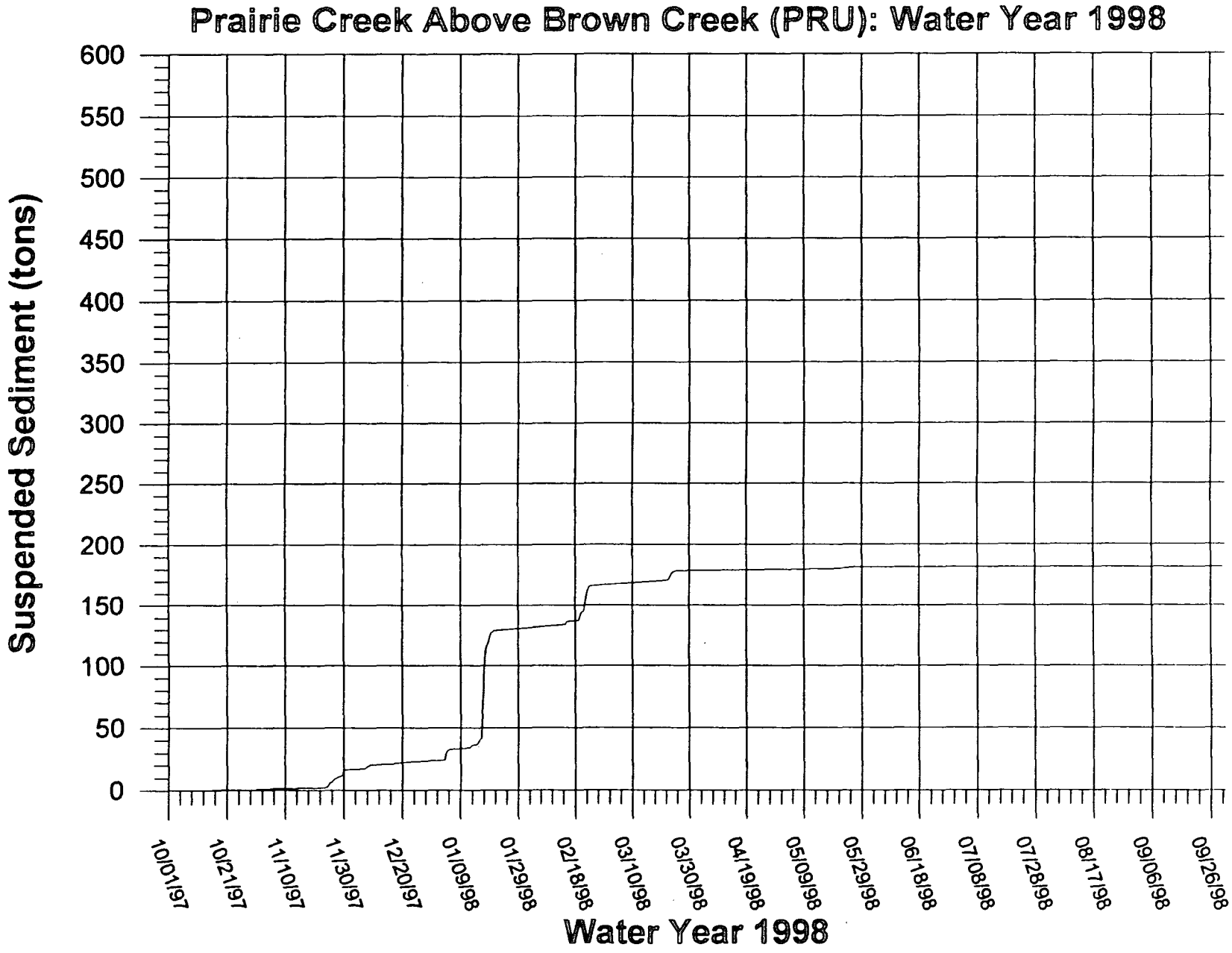

Prairie Creek Above Brown Creek (PRU): Water Year 1997
Suspended Sediment (tons)
600
550
500
450
400
350
300
250
200
150
100
50
0
10/01/96
10/21/96
11/10/96
11/30/96
12/20/96
01/09/97
01/29/97
02/18/97
03/10/97
03/30/97
04/19/97
05/09/97
05/29/97
06/18/97
07/08/97
07/28/97
08/17/97
09/06/97
09/26/97
Water Year 1997

# Prairie Creek Above Brown Creek (PRU) WY98: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.07* | 0.12* | 0.08* | 0.19* | 0.22* | 0.01 | 0.03* | 0.00 | 0.00 | 0.00* | 0.00* |
| 2 | 0.00* | 0.07* | 0.11* | 0.07* | 0.19* | 0.21* | 0.00* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.07* | 0.10* | 4.84 | 0.18* | 0.20* | 0.00* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.06* | 0.10* | 3.98 | 0.18* | 0.20* | 0.00* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.06* | 0.09* | 0.27 | 0.17* | 0.19* | 0.01* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.06* | 0.08* | 0.14* | 0.17* | 0.18* | 0.01* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | 0.01* | 0.06* | 1.45 | 0.13* | 0.16* | 0.17* | 0.01* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | 0.01* | 0.05* | 1.25 | 0.12* | 0.16* | 0.17* | 0.01* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | 0.01* | 0.05* | 0.17 | 0.11* | 0.15* | 0.16* | 0.01* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | 0.01* | 0.05* | 0.09* | 0.10* | 0.15* | 0.15* | 0.01* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | 0.01* | 0.05* | 0.09* | 0.09* | 0.14* | 0.15* | 0.01* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | 0.01* | 0.04* | 0.09* | 2.13 | 0.14* | 0.14* | 0.01* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | 0.01* | 0.04* | 0.09* | 0.38 | 0.13* | 0.13* | 0.02* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | 0.01* | 0.04* | 0.09* | 1.66 | 1.85 | 0.12* | 0.02* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | 0.01* | 0.03* | 0.09* | 3.36 | 0.94 | 0.12* | 0.02* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | 0.01* | 0.03* | 0.10 | 51.92 | 0.17* | 0.11* | 0.02* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.01* | 0.03* | 0.66 | 22.36 | 0.15* | 0.10* | 0.02* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.01* | 0.03 | 0.12* | 7.45 | 0.14* | 0.09* | 0.02* | 0.06 | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.01* | 0.03* | 0.11* | 5.47 | 6.14 | 0.09* | 0.02* | 0.61 | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.01* | 0.03* | 0.69 | 0.74 | 1.93 | 0.08* | 0.02* | 0.06* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.02* | 0.03* | 0.13* | 0.25* | 14.41 | 0.09 | 0.02* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.02* | 0.04* | 0.12* | 0.24* | 5.72 | 1.52 | 0.02* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.02* | 0.12 | 0.12* | 0.24* | 0.92 | 4.61 | 0.03* | 0.15 | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.02* | 2.71 | 0.11* | 0.23* | 0.25* | 1.16 | 0.03* | 0.30 | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.02* | 1.89 | 0.11* | 0.23* | 0.25* | 0.21 | 0.03* | 0.23* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.02* | 2.33 | 0.10* | 0.22* | 0.24* | 0.12* | 0.03* | 0.09 | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.02* | 0.47* | 0.10* | 0.22* | 0.23* | 0.09* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.02* | 1.20* | 0.10* | 0.21* | 0.23* | 0.07* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.02* | 5.29 | 0.09* | 0.21* | --- | 0.05* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.07 | 0.17 | 0.09* | 0.20* | --- | 0.03* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.66 | --- | 0.08* | 0.20* | --- | 0.02* | --- | 0.01* | --- | 0.00* | 0.00* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 1.06 | 15.19 | 6.81 | 107.85 | 35.67 | 10.94 | 0.52 | 2.30 | 0.04 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.03 | 0.51 | 0.22 | 3.48 | 1.27 | 0.35 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 0.66 | 5.29 | 1.45 | 51.92 | 14.41 | 4.61 | 0.03 | 0.61 | 0.00 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.03 | 0.08 | 0.07 | 0.13 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.49 |
| PERIOD TOTAL MAX: | 51.92 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 180.38 |

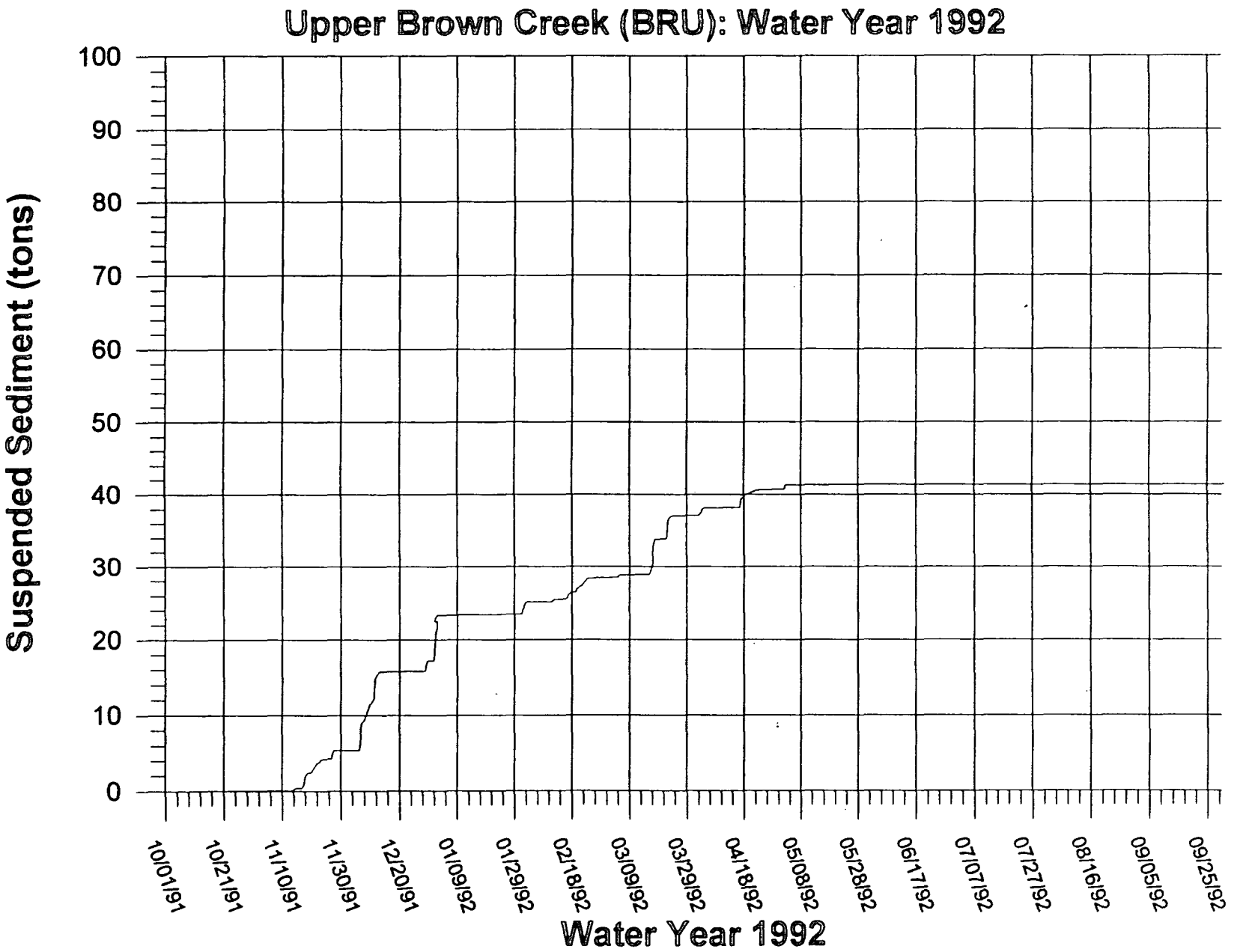

Prairie Creek Above Brown Creek (PRU): Water Year 1998
Suspended Sediment (tons)
600
550
500
450
400
350
300
250
200
150
100
50
0
10/01/97
10/21/97
11/10/97
11/30/97
12/20/97
01/09/98
01/29/98
02/18/98
03/10/98
03/30/98
04/19/98
05/09/98
05/29/98
06/18/98
07/08/98
07/28/98
08/17/98
09/06/98
09/26/98
Water Year 1998

# Upper Brown Creek (BRU) WY92: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00* | 0.01* | 3.69 | 0.93 | 0.01* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 2 | 0.00* | 0.00* | 0.01* | 0.00 | 0.03 | 0.01* | 0.53 | 0.61 | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.00* | 0.00* | 0.00* | 0.01* | 0.01* | 0.51 | 0.01 | 0.00 | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.00* | 0.00* | 0.00* | 0.01* | 0.08 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.00* | 0.00* | 0.00* | 0.01* | 0.21 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.00* | 3.41 | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.00* | 0.49 | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.00* | 0.63 | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 0.00* | 1.41 | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | 0.00* | 0.00* | 0.48 | 0.00* | 0.00* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | 0.00* | 0.00* | 3.24 | 0.00* | 0.27 | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | 0.00* | 0.00* | 0.41* | 0.00* | 0.00* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.16 | 0.01 | 0.00* | 0.00* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.19 | 0.00* | 0.00* | 0.07 | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | 0.00* | 0.00* | 0.00* | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | 0.00* | 0.02 | 0.00* | 0.00* | 0.67 | 1.37 | 1.00 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.00* | 1.49 | 0.00* | 0.00* | 0.23 | 3.57 | 0.59 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.00* | 0.45 | 0.00* | 0.00* | 0.01* | 0.01* | 0.09* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.00* | 0.01 | 0.00* | 0.00* | 0.51 | 0.01* | 0.20* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.00* | 0.83 | 0.00* | 0.00* | 0.23 | 0.01* | 0.27* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.00* | 0.26 | 0.00* | 0.00* | 0.51 | 0.01* | 0.30* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.00* | 0.40 | 0.00* | 0.00* | 0.50* | 2.96 | 0.23 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.00* | 0.16 | 0.00* | 0.00* | 0.09 | 0.29 | 0.03 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.00* | 0.00* | 0.00* | 0.00* | 0.02* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.00* | 0.00* | 0.00* | 0.00* | 0.02* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.00* | 0.74 | 0.00* | 0.00* | 0.01* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.00* | 0.38 | 0.00* | 0.00* | 0.01* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.00* | 0.01* | 0.00* | 0.00* | 0.01* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.00* | 0.01* | 1.37 | 0.00* | 0.01* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.00* | 0.01* | 0.00* | 0.00* | --- | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.00* | --- | 0.00* | 0.64 | --- | 0.00* | --- | 0.00* | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.01 | 5.16 | 11.53 | 4.44 | 4.22 | 8.68 | 3.88 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.00 | 0.17 | 0.37 | 0.14 | 0.15 | 0.28 | 0.13 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 0.00 | 1.49 | 3.41 | 3.69 | 0.93 | 3.57 | 1.00 | 0.61 | 0.00 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.11 |
| PERIOD TOTAL MAX: | 3.69 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 38.59 |

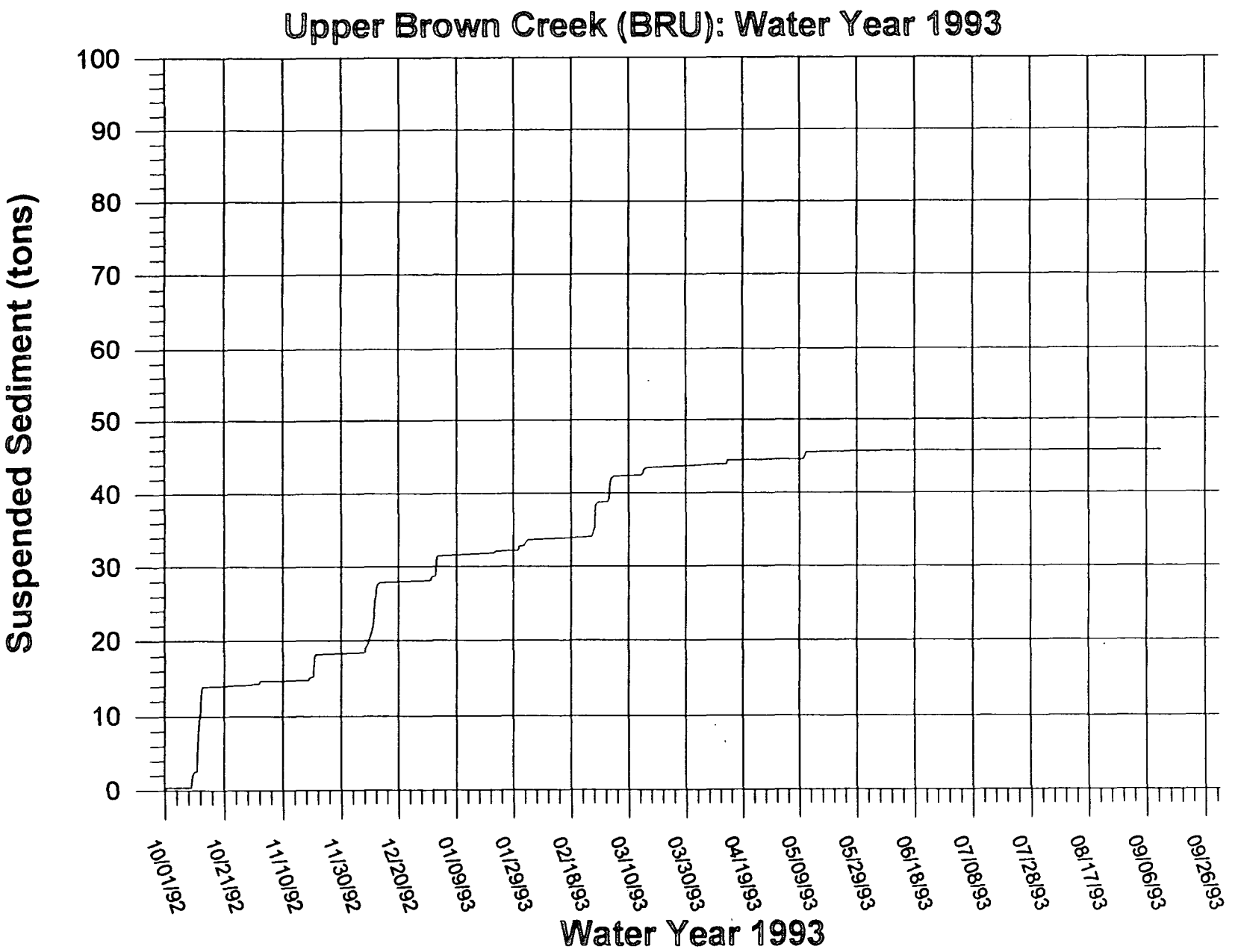

Upper Brown Creek (BRU): Water Year 1992
Suspended Sediment (tons)
100
90
80
70
60
50
40
30
20
10
0
10/01/91
10/21/91
11/10/91
11/30/91
12/20/91
01/09/92
01/29/92
02/18/92
03/09/92
03/29/92
04/18/92
05/08/92
05/28/92
06/17/92
07/07/92
07/27/92
08/16/92
09/05/92
09/25/92
Water Year 1992

# Upper Brown Creek (BRU) WY 93: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5.71 | 0.01* | 0.76 | 0.02* | 0.02* | 0.01* | 0.01* | 0.01* | 0.00 | 0.00 | 0.00* |
| 2 | | 1.66 | 0.01* | 0.03 | 0.02* | 0.02* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 3 | | 0.02* | 0.01* | 0.02* | 0.02* | 0.02* | 0.40 | 0.55 | 0.01* | 0.00* | 0.00* | 0.00* |
| 4 | | 0.02* | 0.01* | 0.02* | 0.02* | 0.02* | 0.57 | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 5 | | 0.02* | 0.01* | 0.02* | 0.01* | 0.02* | 0.03 | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 6 | | 0.02* | 0.01* | 0.02* | 0.01* | 0.02* | 0.02* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 7 | | 0.02* | 0.01* | 0.02* | 0.01* | 0.02* | 0.02* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 8 | | 0.02* | 0.34 | 0.02* | 0.01* | 0.02* | 0.02* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 9 | | 0.02* | 0.06 | 0.02* | 0.01* | 0.02* | 0.02* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 10 | | 0.02* | 2.98 | 0.02* | 0.01* | 0.02* | 0.02* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 11 | | 0.01* | 0.02 | 0.02* | 0.26 | 0.02* | 0.02* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 12 | | 0.01* | 0.02* | 0.02* | 0.01* | 0.02* | 0.02* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 13 | | 0.01* | 0.02* | 0.01* | 0.01* | 0.02* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | | 0.01* | 0.02* | 0.01* | 0.01* | 0.02* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | | 0.01* | 0.02* | 0.01* | 0.01* | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | | 0.01* | 0.02* | 0.01* | 0.01* | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | | 0.01* | 0.02* | 0.01* | 0.01* | 1.38 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | | 0.01* | 0.02* | 0.01* | 0.01* | 3.36 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | | 0.13 | 0.02* | 0.01* | 0.54 | 0.08 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.09 | 0.01* | 0.02* | 0.52 | 0.05 | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.27 | 0.25 | 0.02* | 2.09 | 0.49 | 0.02* | 0.01* | 0.00 | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.00* | 0.09 | 0.01* | 0.69 | 0.30 | 0.19 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.00* | 0.01* | 0.01* | 0.03* | 0.02* | 3.01 | 0.07 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.00* | 0.01* | 0.01* | 0.03* | 0.02* | 0.24 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.00* | 0.01* | 0.01* | 0.03* | 0.02* | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.00* | 0.01* | 0.01* | 0.03* | 0.02* | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.00* | 0.01* | 0.01* | 0.03* | 0.02* | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.00* | 0.01* | 0.99 | 0.02* | 0.02* | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.81 | 0.01* | 0.66 | 0.02* | --- | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 1.25 | 0.01* | 2.11 | 0.02* | --- | 0.02* | 0.01* | 0.70 | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 3.99 | --- | 4.71 | 0.02* | --- | 0.02* | --- | 0.32 | --- | 0.00* | 0.00* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 6.42 | 8.15 | 12.18 | 4.60 | 1.97 | 8.69 | 1.41 | 1.68 | 0.14 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.54 | 0.27 | 0.39 | 0.15 | 0.07 | 0.28 | 0.05 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 3.99 | 5.71 | 4.71 | 2.09 | 0.54 | 3.36 | 0.57 | 0.70 | 0.01 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

PERIOD TOTAL MEAN: 0.13
PERIOD TOTAL MAX: 5.71
PERIOD TOTAL MIN: 0.00
SUM of DAILY FLUX: 45.24

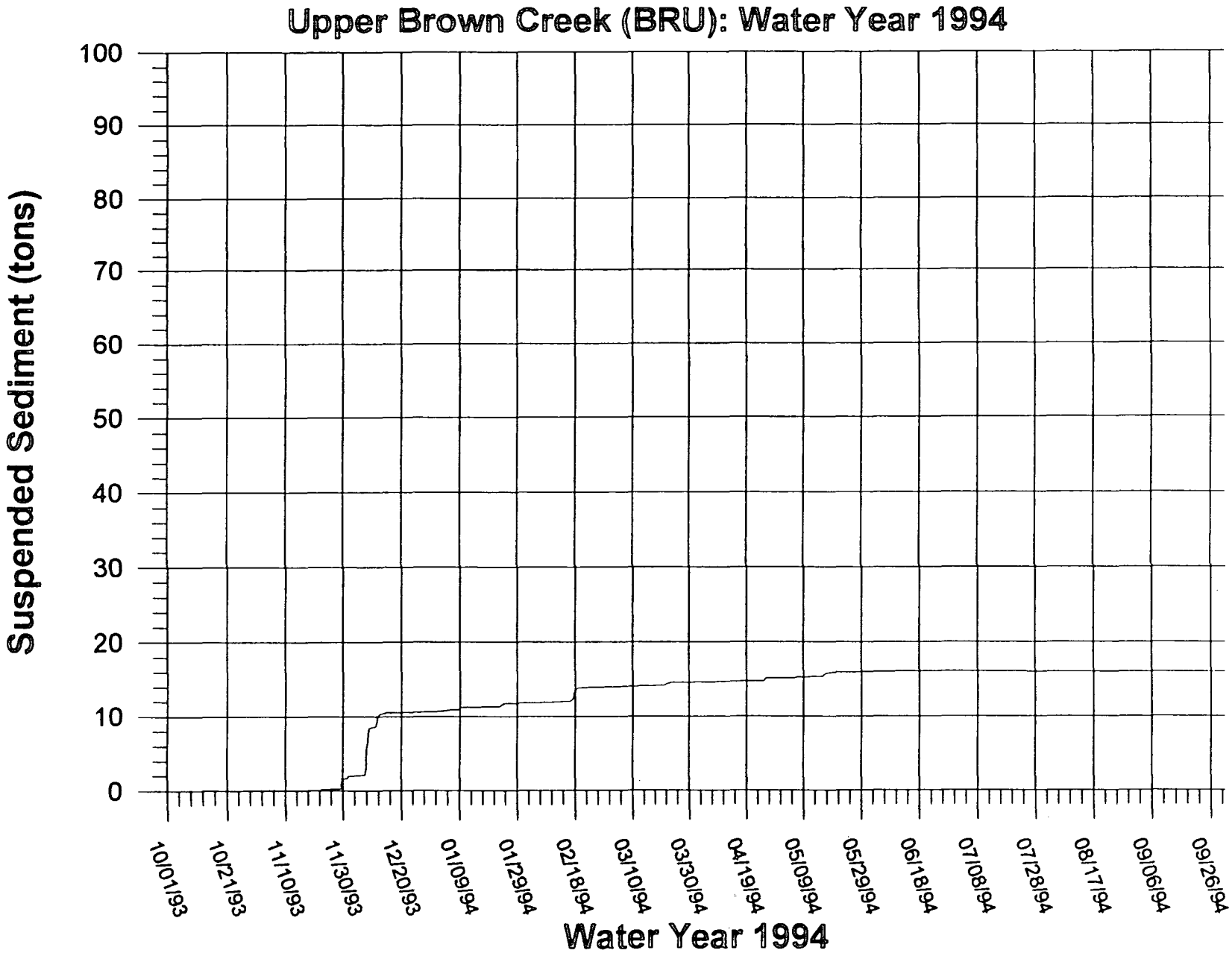

Upper Brown Creek (BRU): Water Year 1993
Suspended Sediment (tons)
100
90
80
70
60
50
40
30
20
10
0
10/01/92
10/21/92
11/10/92
11/30/92
12/20/92
01/09/93
01/29/93
02/18/93
03/10/93
03/30/93
04/19/93
05/09/93
05/29/93
06/18/93
07/08/93
07/28/93
08/17/93
09/06/93
09/26/93
Water Year 1993

# Upper Brown Creek (BRU) WY94: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00* | 0.36 | 0.06 | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 2 | 0.00* | 0.00* | 0.00 | 0.00* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.00* | 0.01 | 0.03 | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.00* | 0.05 | 0.08 | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.00* | 0.00* | 0.04 | 0.01* | 0.01* | 0.00* | 0.00* | 0.01 | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.00* | 0.00* | 0.01 | 0.01* | 0.01* | 0.00* | 0.12 | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.00* | 3.41 | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.00* | 2.97 | 0.22 | 0.00* | 0.01* | 0.02 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 0.00* | 0.11 | 0.10 | 0.00* | 0.01* | 0.06 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | 0.00* | 0.00* | 0.01* | 0.01 | 0.07 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | 0.00* | 0.00* | 1.59 | 0.01* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | 0.00* | 0.00* | 0.21 | 0.01* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.00* | 0.01* | 0.01* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00 | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.00* | 0.13 | 0.01* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | 0.00* | 0.00* | 0.02 | 0.01* | 0.00* | 0.01* | 0.00* | 0.23 | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | 0.00* | 0.00* | 0.01* | 0.01* | 0.21 | 0.01* | 0.00* | 0.19 | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.00* | 0.00* | 0.01* | 0.01* | 1.19 | 0.01* | 0.00* | 0.11 | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.00* | 0.00* | 0.01* | 0.01* | 0.43 | 0.00* | 0.00* | 0.06* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.00* | 0.00* | 0.01* | 0.01* | 0.02* | 0.00* | 0.00* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.00* | 0.00* | 0.01* | 0.01* | 0.02* | 0.00 | 0.00* | 0.00 | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.00* | 0.00* | 0.01* | 0.01* | 0.02* | 0.20 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.00* | 0.18 | 0.01* | 0.01* | 0.02* | 0.09 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.00* | 0.00* | 0.01* | 0.30 | 0.02* | 0.11 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.00* | 0.00* | 0.01* | 0.17 | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.00* | 0.00* | 0.01* | 0.01* | 0.02* | 0.00* | 0.35 | 0.00* | 0.00* | 0.00 | 0.00* | 0.00* |
| 26 | 0.00* | 0.00* | 0.01* | 0.01* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.00* | 0.00* | 0.01* | 0.01* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.00* | 0.00* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.00* | 1.39 | 0.01* | 0.01* | --- | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.00* | 0.00* | 0.01* | 0.01* | --- | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.00* | --- | 0.00* | 0.01* | --- | 0.00* | --- | 0.00* | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.01 | 1.61 | 9.00 | 1.19 | 2.15 | 0.62 | 0.54 | 0.83 | 0.05 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.00 | 0.05 | 0.29 | 0.04 | 0.08 | 0.02 | 0.02 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 0.00 | 1.39 | 3.41 | 0.30 | 1.19 | 0.20 | 0.35 | 0.23 | 0.01 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.04 |
| PERIOD TOTAL MAX: | 3.41 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 15.99 |

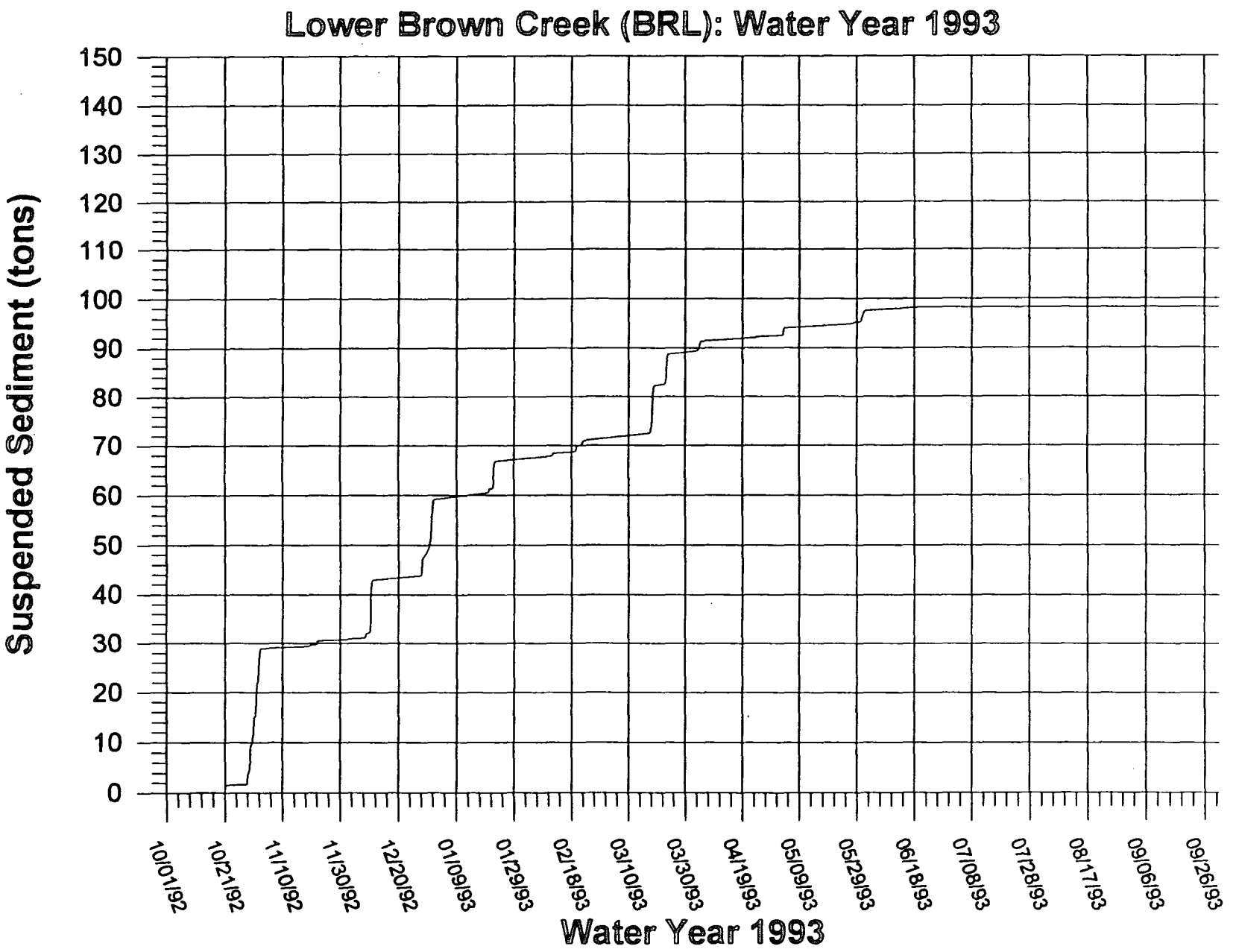

Upper Brown Creek (BRU): Water Year 1994
Suspended Sediment (tons)
100
90
80
70
60
50
40
30
20
10
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1994

# Lower Brown Creek (BRL) WY93: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 7.16 | 0.02* | 1.13 | 0.05* | 0.07* | 0.05* | 0.03* | 0.07* | 0.00* | 0.00* | 0.00* |
| 2 | 0.00* | 2.43 | 0.17 | 0.09* | 0.05* | 0.07* | 0.05* | 0.03* | 0.06* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.04* | 0.02* | 0.09* | 0.05* | 0.06* | 0.87 | 1.40 | 0.06* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.04* | 0.02* | 0.09* | 0.04* | 0.06* | 1.06 | 0.05* | 0.05* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.04* | 0.03* | 0.08* | 0.04* | 0.06* | 0.08* | 0.04* | 0.04* | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.04* | 0.03* | 0.08* | 0.03* | 0.06* | 0.07* | 0.04* | 0.04* | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.03* | 0.03* | 0.08* | 0.03* | 0.06* | 0.06* | 0.04* | 0.03* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.03* | 0.97 | 0.07* | 0.03* | 0.06* | 0.06* | 0.04* | 0.03* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 0.03* | 0.13 | 0.07* | 0.02* | 0.06* | 0.05* | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* |
| 10 | 0.00* | 0.03* | 10.77 | 0.07* | 0.02 | 0.06* | 0.04* | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* |
| 11 | 0.00* | 0.03* | 0.08 | 0.06* | 0.61 | 0.06* | 0.04* | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* |
| 12 | 0.00* | 0.03* | 0.08* | 0.06* | 0.05* | 0.06* | 0.03* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.02* | 0.07* | 0.06* | 0.04* | 0.06* | 0.02* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.02* | 0.07* | 0.05* | 0.04* | 0.06* | 0.02* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* |
| 15 | 0.01* | 0.02* | 0.07* | 0.05* | 0.04* | 0.06* | 0.01* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | 0.01* | 0.02* | 0.06* | 0.05* | 0.04* | 0.06* | 0.01* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.01* | 0.02* | 0.06* | 0.04* | 0.03* | 1.98 | 0.01* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.01* | 0.01* | 0.06* | 0.04* | 0.03* | 7.94 | 0.00* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.01* | 0.25 | 0.05* | 0.09 | 1.10 | 0.09* | 0.00 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.16 | 0.02* | 0.05* | 0.77 | 0.07 | 0.08* | 0.01* | 0.03* | 0.00 | 0.00* | 0.00* | 0.00* |
| 21 | 1.25 | 0.65 | 0.05* | 3.76 | 0.81 | 0.06* | 0.02* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.02* | 0.21 | 0.04* | 1.72 | 0.31 | 0.31 | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.02* | 0.04* | 0.04* | 0.09* | 0.07* | 5.80 | 0.21 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.01* | 0.03* | 0.04* | 0.09* | 0.07* | 0.14 | 0.05* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.01* | 0.03* | 0.03* | 0.08* | 0.07* | 0.09* | 0.04* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.01* | 0.03* | 0.03* | 0.08* | 0.07* | 0.08* | 0.04* | 0.10 | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.01* | 0.03* | 0.06 | 0.07* | 0.07* | 0.08* | 0.04* | 0.23 | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 1.47 | 0.03* | 3.88 | 0.07* | 0.07* | 0.07* | 0.04* | 0.06 | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 5.08 | 0.03* | 0.73 | 0.07* | --- | 0.07* | 0.03* | 0.05 | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 4.33 | 0.02* | 1.82 | 0.06* | --- | 0.06* | 0.03* | 1.13 | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 6.72 | --- | 7.82 | 0.06* | --- | 0.06* | --- | 1.21 | --- | 0.00* | 0.00* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 19.15 | 11.41 | 27.36 | 9.27 | 3.93 | 17.88 | 3.08 | 5.06 | 0.47 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.62 | 0.38 | 0.88 | 0.30 | 0.14 | 0.58 | 0.10 | 0.16 | 0.02 | 0.00 | 0.00 | 0.00 |
| MAX | 6.72 | 7.16 | 10.77 | 3.76 | 1.10 | 7.94 | 1.06 | 1.40 | 0.07 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.01 | 0.02 | 0.04 | 0.02 | 0.06 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.27 |
| PERIOD TOTAL MAX: | 10.77 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 97.61 |

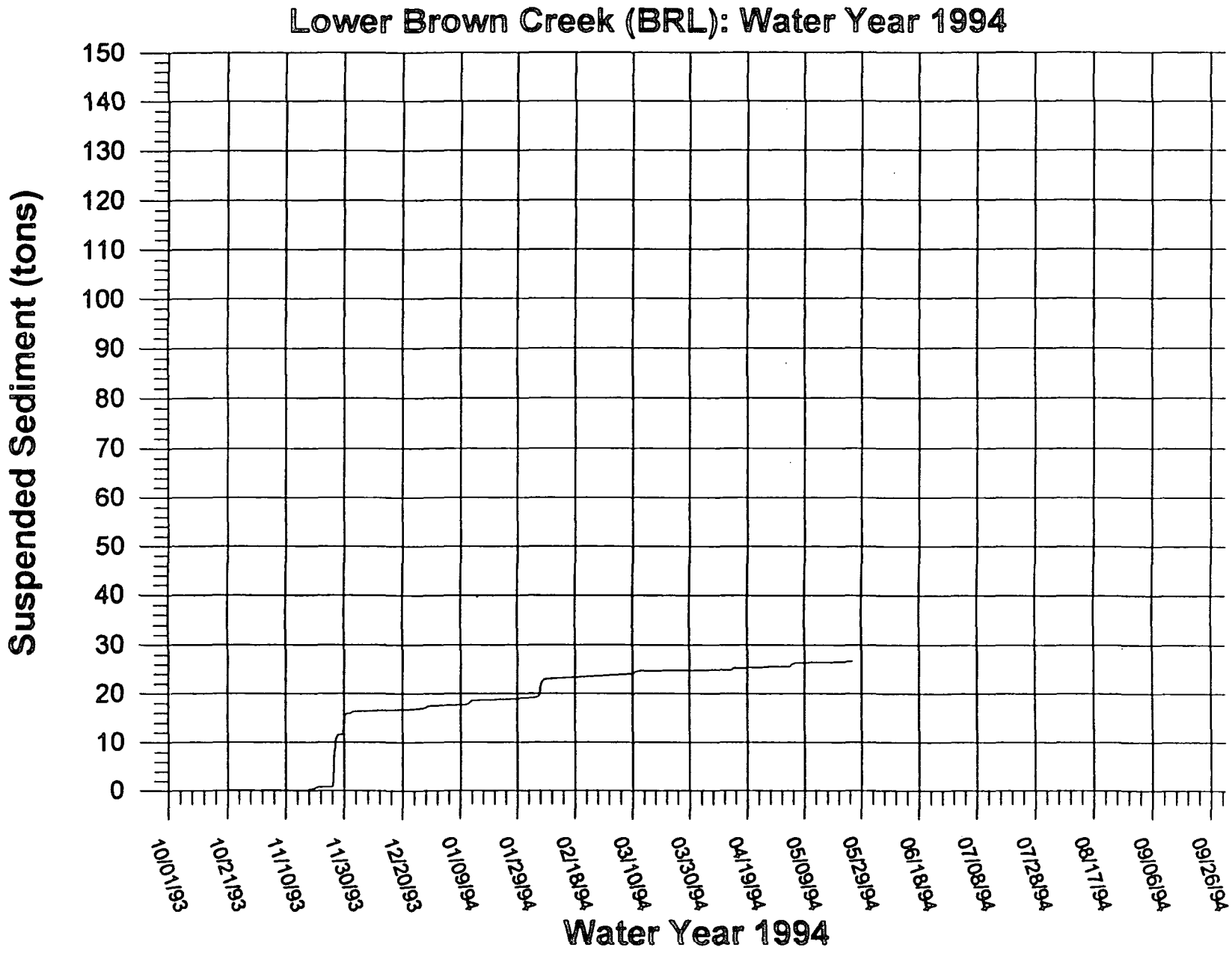

Lower Brown Creek (BRL): Water Year 1993
Suspended Sediment (tons)
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
10/01/92
10/21/92
11/10/92
11/30/92
12/20/92
01/09/93
01/29/93
02/18/93
03/10/93
03/30/93
04/19/93
05/09/93
05/29/93
06/18/93
07/08/93
07/28/93
08/17/93
09/06/93
09/26/93
Water Year 1993

# Lower Brown Creek (BRL) WY94: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00* | 0.40 | 0.03 | 0.02* | 0.04* | 0.01* | 0.01* | 0.01* |
| 2 | 0.00* | 0.00* | 0.00* | 0.01* | 0.02* | 0.04* | 0.01* | 0.01* | 0.00* |
| 3 | 0.00* | 0.00* | 0.03 | 0.01* | 0.02* | 0.04* | 0.01* | 0.01* | 0.00* |
| 4 | 0.00* | 0.00* | 0.02 | 0.07 | 0.02* | 0.04* | 0.01* | 0.01* | 0.05 |
| 5 | 0.00* | 0.00* | 0.00* | 0.08 | 0.01* | 0.04* | 0.01* | 0.05 | 0.05 |
| 6 | 0.00* | 0.00* | 0.00* | 0.05 | 0.01* | 0.03* | 0.01* | 0.07 | |
| 7 | 0.00* | 0.00* | 5.96 | 0.04* | 0.01* | 0.03* | 0.01* | 0.04 | |
| 8 | 0.00* | 0.00* | 4.54 | 0.30 | 0.01* | 0.03* | 0.01* | 0.03 | |
| 9 | 0.00* | 0.00* | 0.19 | 0.17 | 0.01* | 0.03* | 0.01* | 0.01* | |
| 10 | 0.00* | 0.00* | 0.02* | 0.03* | 0.14 | 0.03* | 0.01* | 0.01* | |
| 11 | 0.00* | 0.00* | 3.92 | 0.03* | 0.01 | 0.03* | 0.01* | 0.01* | |
| 12 | 0.00 | 0.00* | 0.35 | 0.03* | 0.01* | 0.02* | 0.01* | 0.00* | |
| 13 | 0.00* | 0.00* | 0.12 | 0.03* | 0.01* | 0.02* | 0.01* | 0.00* | |
| 14 | 0.00* | 0.00* | 0.30 | 0.02* | 0.01* | 0.02* | 0.01* | 0.00* | |
| 15 | 0.00* | 0.00* | 0.03* | 0.02* | 0.02 | 0.02* | 0.01* | 0.41 | |
| 16 | 0.00* | 0.00* | 0.03* | 0.02* | 0.27 | 0.02* | 0.01* | 0.28 | |
| 17 | 0.00* | 0.00* | 0.03* | 0.02* | 2.76 | 0.01* | 0.01* | 0.10 | |
| 18 | 0.00* | 0.00* | 0.03* | 0.02* | 0.74 | 0.01* | 0.01* | 0.01* | |
| 19 | 0.00* | 0.00* | 0.03* | 0.01* | 0.06* | 0.01* | 0.01* | 0.01* | |
| 20 | 0.00* | 0.00* | 0.03* | 0.01* | 0.06* | 0.01* | 0.00* | 0.01* | |
| 21 | 0.00* | 0.00* | 0.02* | 0.01* | 0.06* | 0.32 | 0.00* | 0.01* | |
| 22 | 0.00* | 0.04 | 0.02* | 0.04 | 0.06* | 0.23 | 0.00* | 0.01* | |
| 23 | 0.00* | 0.00* | 0.02* | 0.46 | 0.05* | 0.14 | 0.00* | 0.01* | |
| 24 | 0.00* | 0.00* | 0.02* | 0.36 | 0.05* | 0.01* | 0.00* | 0.01* | |
| 25 | 0.00* | 0.00* | 0.02* | 0.03* | 0.05* | 0.01* | 0.41 | 0.01* | |
| 26 | 0.00* | 0.00* | 0.02* | 0.03* | 0.05* | 0.01* | 0.01 | 0.01* | |
| 27 | 0.00* | 0.00* | 0.02* | 0.03* | 0.05* | 0.01* | 0.01* | 0.01* | |
| 28 | 0.00* | 0.00* | 0.01* | 0.03* | 0.05* | 0.01* | 0.01* | 0.01* | |
| 29 | 0.00* | 0.24 | 0.01* | 0.03* | --- | 0.01* | 0.01* | 0.01* | |
| 30 | 0.00* | 0.00* | 0.01* | 0.02* | --- | 0.01* | 0.01* | 0.01* | |
| 31 | 0.00* | --- | 0.01* | 0.02* | --- | 0.01* | --- | 0.01* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN |
|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.02 | 0.31 | 16.24 | 2.05 | 4.63 | 1.30 | 0.61 | 1.15 | 0.11 |
| MEAN | 0.00 | 0.01 | 0.52 | 0.07 | 0.17 | 0.04 | 0.02 | 0.04 | 0.02 |
| MAX | 0.00 | 0.24 | 5.96 | 0.46 | 2.76 | 0.32 | 0.41 | 0.41 | 0.05 |
| MIN | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.08 |
| PERIOD TOTAL MAX: | 5.96 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 26.43 |

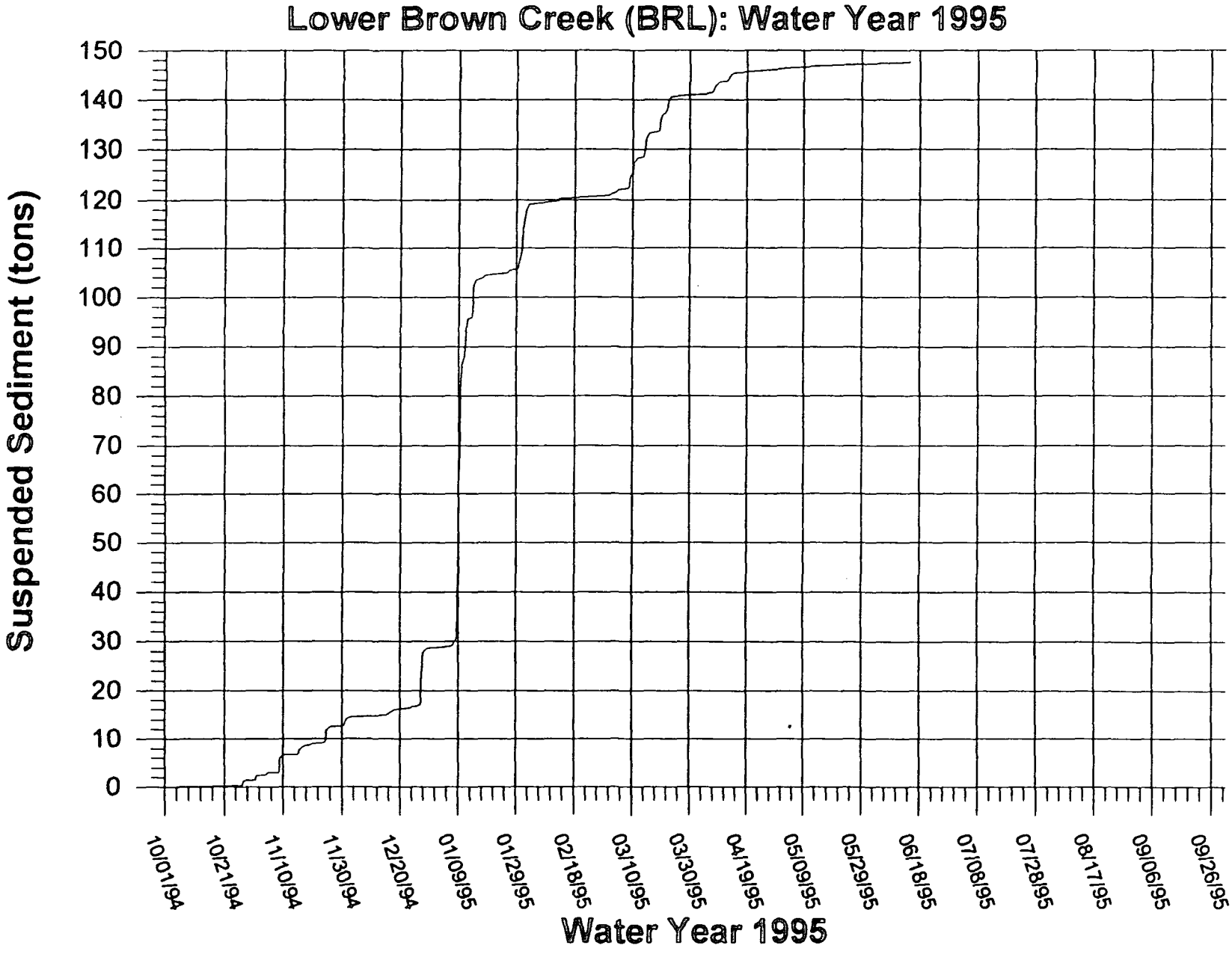

Lower Brown Creek (BRL): Water Year 1994
Suspended Sediment (tons)
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1994

# Lower Brown Creek (BRL) WY95: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.01 | 1.19 | 1.36 | 0.05* | 3.61 | 0.04* | 0.07* | 0.18 | 0.01* | 0.00* | 0.00* | 0.00* |
| 2 | 0.01* | 0.03 | 0.36 | 0.05* | 0.90 | 0.04* | 0.06* | 0.09 | 0.01* | 0.00* | 0.00* | 0.00* |
| 3 | 0.01* | 0.01* | 0.09 | 0.04* | 0.10* | 0.04* | 0.06* | 0.04 | 0.01* | 0.00* | 0.00* | 0.00* |
| 4 | 0.01* | 0.37 | 0.05 | 0.04* | 0.09* | 0.30 | 0.06* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* |
| 5 | 0.01* | 0.24 | 0.03* | 0.04* | 0.08* | 0.58 | 0.05* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* |
| 6 | 0.01* | 0.02* | 0.03* | 0.04* | 0.08* | 0.10 | 0.05* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* |
| 7 | 0.01* | 0.02* | 0.03* | 0.63 | 0.07* | 0.04 | 0.74 | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* |
| 8 | 0.01* | 0.02 | 0.03* | 1.22 | 0.07* | 0.14 | 0.85 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | 0.01* | 3.38 | 0.03* | 37.83 | 0.06* | 2.72 | 0.64 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | 0.01* | 0.26 | 0.03* | 15.46 | 0.05* | 2.31 | 0.06 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | 0.01* | 0.02* | 0.03* | 4.39 | 0.05* | 0.90 | 0.05* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | 0.01* | 0.01* | 0.03* | 4.64 | 0.15 | 0.19 | 0.36 | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | 0.01* | 0.01* | 0.03* | 0.16 | 0.18 | 0.08 | 0.94 | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | 0.01* | 0.01* | 0.03* | 6.78 | 0.04* | 2.45 | 0.35 | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | 0.01* | 0.88 | 0.09 | 1.95 | 0.04* | 2.79 | 0.06 | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | 0.01* | 0.67 | 0.47 | 1.59* | 0.04* | 0.42 | 0.06* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.01* | 0.42 | 0.38* | 1.20 | 0.04* | 0.07 | 0.06* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.01* | 0.22* | 0.17 | 0.69* | 0.04* | 0.06* | 0.06* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.01* | 0.05* | 0.11* | 0.26* | 0.04* | 0.34 | 0.05* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.01* | 0.17 | 0.08 | 0.05 | 0.04* | 2.92 | 0.05* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.01* | 0.08* | 0.06* | 0.05* | 0.04* | 0.45 | 0.05* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.01* | 0.05* | 0.05* | 0.05* | 0.04* | 2.07 | 0.05* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.01* | 0.06 | 0.04 | 0.05* | 0.04* | 1.15 | 0.05* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.01* | 1.42 | 0.16 | 0.05* | 0.04* | 0.12 | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.01* | 1.77 | 0.05* | 0.05* | 0.04* | 0.09* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.01* | 0.18 | 0.23 | 0.68 | 0.04* | 0.09* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.56 | 0.04* | 7.10 | 0.05 | 0.04* | 0.08* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.45 | 0.04* | 3.83 | 0.04* | 0.04* | 0.08* | 0.04* | 0.01* | 0.00 | 0.00* | 0.00* | 0.00* |
| 29 | 0.02* | 0.04* | 0.42 | 0.08 | --- | 0.08* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.01* | 0.07 | 0.05* | 2.52 | --- | 0.07* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.01* | --- | 0.05* | 6.30 | --- | 0.07* | --- | 0.01* | --- | 0.00* | 0.00* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 1.31 | 11.74 | 15.51 | 87.05 | 6.07 | 20.84 | 5.09 | 0.90 | 0.08 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.04 | 0.39 | 0.50 | 2.81 | 0.22 | 0.67 | 0.17 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 0.56 | 3.38 | 7.10 | 37.83 | 3.61 | 2.92 | 0.94 | 0.18 | 0.01 | 0.00 | 0.00 | 0.00 |
| MIN | 0.01 | 0.01 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.41 |
| PERIOD TOTAL MAX: | 37.83 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 148.58 |

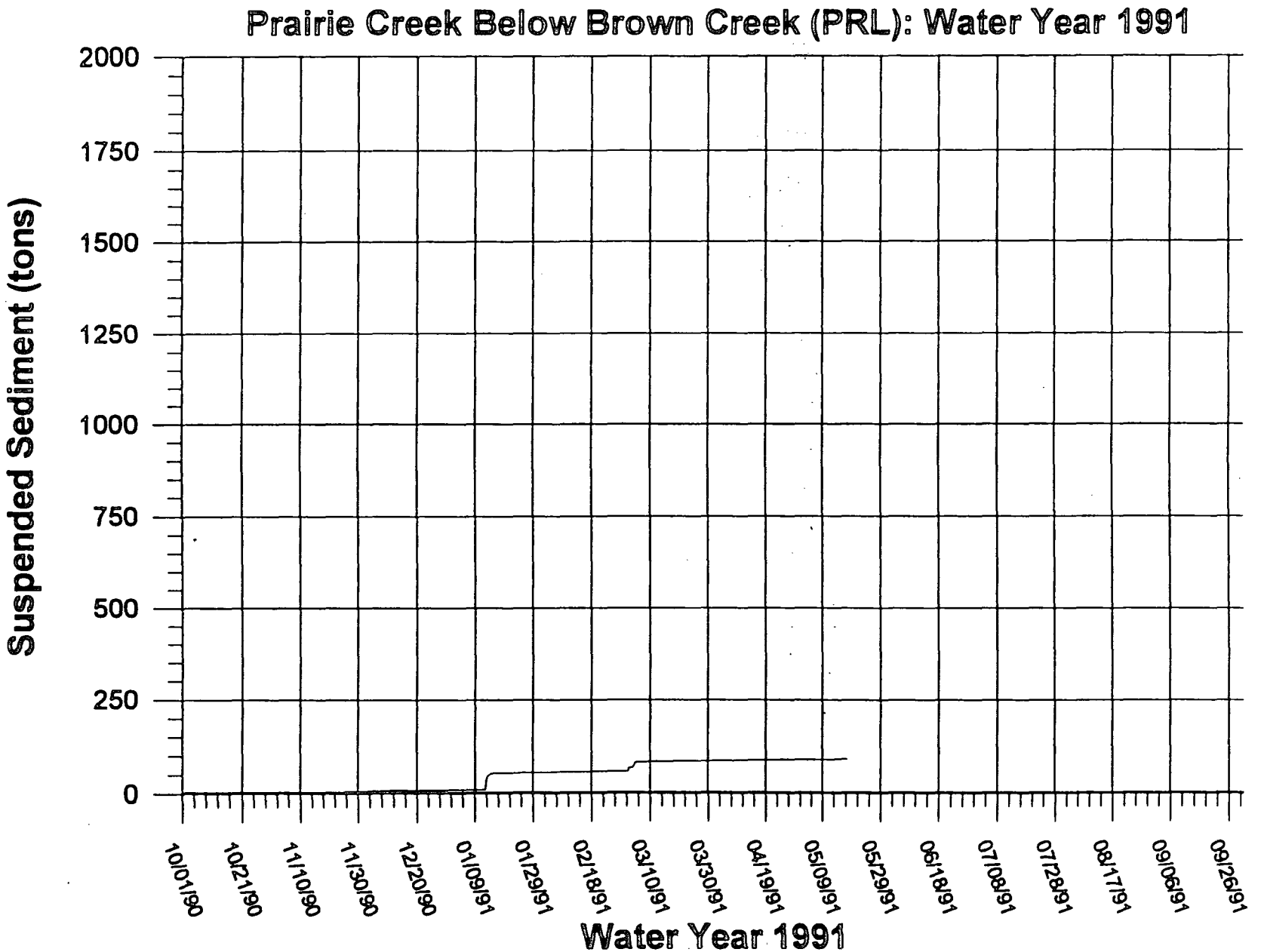

Lower Brown Creek (BRL): Water Year 1995
Suspended Sediment (tons)
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

# Prairie Creek Below Brown Creek (PRL) WY91: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.03* | 0.04* | 0.03* | 0.03* | 0.03* | 0.06* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* |
| 2 | 0.00* | 0.03* | 0.03* | 0.03* | 0.27 | 13.25 | 0.06* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.03* | 0.03* | 0.03* | 0.06* | 0.24 | 0.06* | 0.03* | 0.01 | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.03* | 0.03* | 0.03* | 0.26 | 7.24 | 0.06* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.03* | 0.03* | 0.03* | 0.10* | 2.24 | 0.52 | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.03* | 0.03* | 0.03* | 0.10* | 0.16 | 0.18* | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.03* | 0.02* | 0.03* | 0.09* | 0.11* | 0.05 | 0.30 | 0.01* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.03* | 0.02* | 0.03* | 0.09* | 0.09* | 0.06* | 0.74 | 0.01* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 0.03* | 0.02* | 0.03* | 0.09* | 0.08* | 0.35 | 0.05* | 0.01* | 0.00* | 0.00* | 0.00* |
| 10 | 0.00* | 0.03* | 1.90 | 0.03* | 0.09* | 0.06* | 0.06* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* |
| 11 | 0.00* | 0.03* | 0.04 | 0.13 | 0.08* | 0.09 | 0.05* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* |
| 12 | 0.00* | 0.02* | 0.04* | 23.43 | 0.08* | 0.59 | 0.05* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.54 | 0.04* | 16.89 | 0.08* | 0.11* | 0.05* | 0.85 | 0.01* | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.06 | 0.04* | 2.98 | 0.07* | 0.10* | 0.05* | 0.06 | 0.01* | 0.00* | 0.00* | 0.00* |
| 15 | 0.00* | 0.04* | 0.03* | 0.80 | 0.07* | 0.10* | 0.05* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* |
| 16 | 0.01* | 0.04* | 0.03* | 0.24* | 0.07* | 0.10* | 0.05* | 0.10 | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.01* | 0.04* | 0.03* | 0.08 | 0.07* | 0.09* | 0.05* | 0.11 | 0.00* | 0.00 | 0.00* | 0.00* |
| 18 | 0.01* | 0.04* | 0.53 | 0.08* | 0.06* | 0.09* | 0.05* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.01* | 0.04* | 0.53* | 0.08* | 0.06* | 0.09* | 0.04* | 0.04 | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.01* | 0.04* | 0.18* | 0.07* | 0.06* | 0.08* | 0.04* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.01 | 0.03* | 0.03 | 0.07* | 0.06* | 0.08* | 0.04* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.01* | 0.03* | 0.03* | 0.07* | 0.05* | 0.07* | 0.04* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.01* | 0.03* | 0.03* | 0.06* | 0.05* | 0.18 | 0.04* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.01* | 0.03* | 0.03* | 0.06* | 0.05* | 0.26 | 0.04* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.01* | 2.44 | 0.03* | 0.06* | 0.05* | 0.08* | 0.04* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.01* | 0.06 | 0.03* | 0.05* | 0.04* | 0.08* | 0.04* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.01* | 0.04* | 0.03* | 0.05* | 0.04* | 0.07* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.05 | 0.04* | 0.03* | 0.05* | 0.04* | 0.07* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.02* | 0.04* | 0.03* | 0.04* | --- | 0.07* | 0.03* | 0.02* | 0.00 | 0.00* | 0.00* | 0.00* |
| 30 | 0.10 | 0.04* | 0.03* | 0.04* | --- | 0.07* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.20 | --- | 0.03* | 0.04* | --- | 0.07* | --- | 0.02* | --- | 0.00* | 0.00* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.51 | 3.97 | 3.96 | 45.68 | 2.26 | 26.05 | 2.30 | 2.94 | 0.17 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.02 | 0.13 | 0.13 | 1.47 | 0.08 | 0.84 | 0.08 | 0.09 | 0.01 | 0.00 | 0.00 | 0.00 |
| MAX | 0.20 | 2.44 | 1.90 | 23.43 | 0.27 | 13.25 | 0.52 | 0.85 | 0.01 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.24 |
| PERIOD TOTAL MAX: | 23.43 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 87.84 |

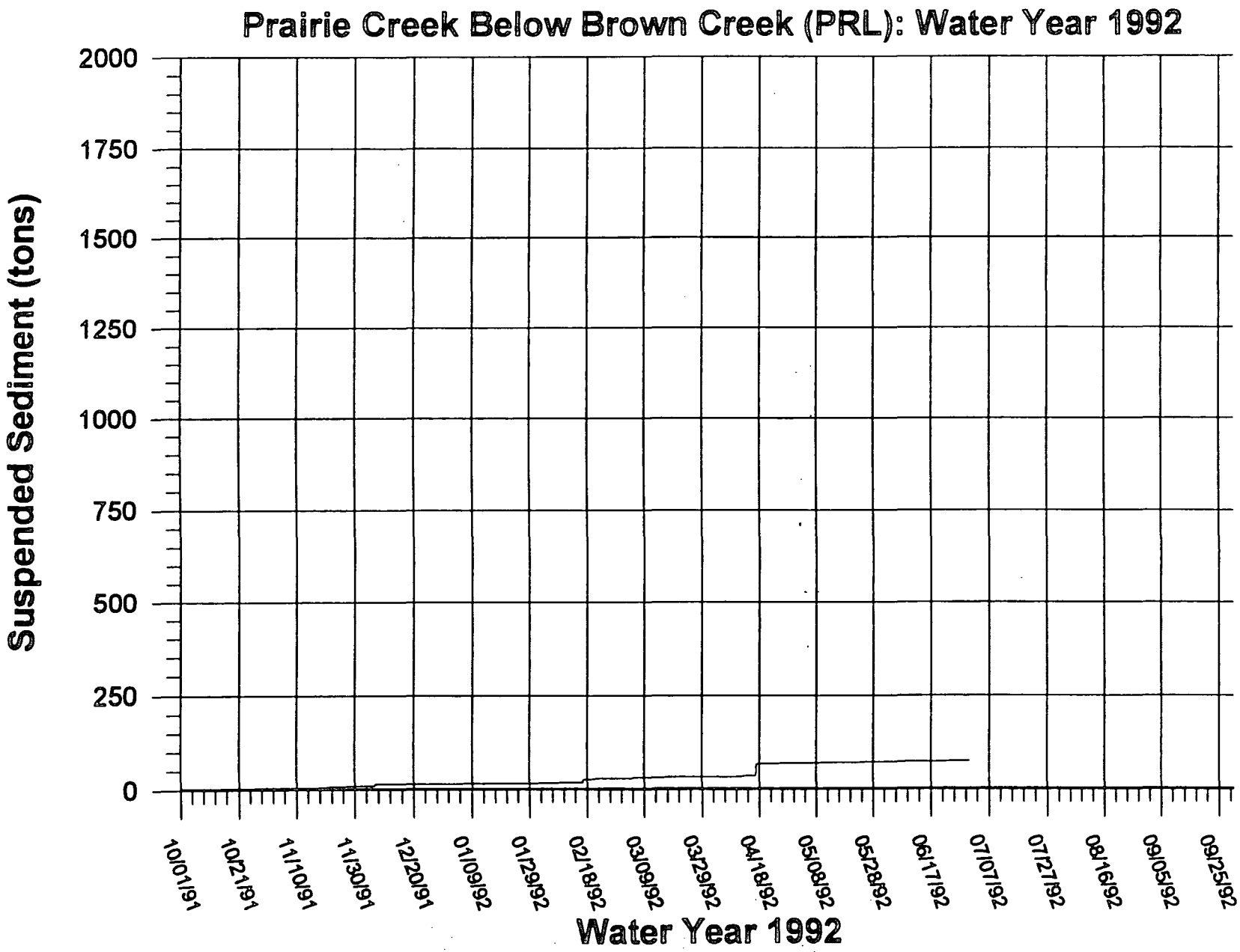

Prairie Creek Below Brown Creek (PRL): Water Year 1991
Suspended Sediment (tons)
2000
1750
1500
1250
1000
750
500
250
0
10/01/90
10/21/90
11/10/90
11/30/90
12/20/90
01/09/91
01/29/91
02/18/91
03/10/91
03/30/91
04/19/91
05/09/91
05/29/91
06/18/91
07/08/91
07/28/91
08/17/91
09/06/91
09/26/91
Water Year 1991

# Prairie Creek Below Brown Creek (PRL) WY92: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.02* | 0.03* | 0.02* | 0.62 | 0.05* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 2 | 0.00* | 0.02* | 0.03* | 0.02* | 0.07* | 0.05* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.02* | 0.02* | 0.02* | 0.07* | 0.04* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.03* | 0.02* | 0.21 | 0.06* | 0.23 | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.03* | 0.02* | 0.12 | 0.06* | 1.71 | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.03* | 4.71 | 0.02* | 0.06* | 0.04 | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.03* | 0.32 | 0.13 | 0.05* | 0.04* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.03* | 0.05* | 0.02* | 0.05* | 0.04* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 0.03* | 0.05* | 0.02* | 0.05* | 0.04* | 0.47 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | 0.00* | 0.03* | 0.05* | 0.02* | 0.04* | 0.04* | 0.30 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | 0.00* | 0.03* | 0.04* | 0.02* | 0.04* | 0.04* | 0.34 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | 0.00* | 0.03* | 0.04* | 0.02* | 0.04* | 0.03* | 2.05 | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.03* | 0.04* | 0.02* | 0.03* | 0.03* | 0.07* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.03* | 0.04* | 0.02* | 0.25 | 0.03* | 0.07* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 15 | 0.00* | 0.03* | 0.04* | 0.02* | 0.05 | 0.19 | 0.07* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 16 | 0.00* | 0.03* | 0.04* | 0.02* | 7.48 | 0.19 | 28.69 | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 17 | 0.01* | 1.83 | 0.04* | 0.02* | 0.40 | 0.04 | 3.99 | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 18 | 0.01* | 0.24 | 0.04* | 0.02* | 0.08* | 0.04* | 0.14* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 19 | 0.01* | 0.03 | 0.03* | 0.02* | 0.08* | 0.04* | 0.11* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 20 | 0.01* | 1.59 | 0.03* | 0.02* | 0.99 | 0.04* | 0.08* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 21 | 0.01* | 0.06 | 0.03* | 0.02* | 0.70 | 0.04* | 0.06* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 22 | 0.01* | 0.03* | 0.03* | 0.02* | 0.48 | 0.04* | 0.04* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 23 | 0.01* | 0.03* | 0.03* | 0.02* | 0.09* | 0.04* | 0.02* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 24 | 0.01* | 0.02* | 0.03* | 0.02* | 0.08* | 0.04* | 0.01* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 25 | 0.79 | 0.02* | 0.03* | 0.02* | 0.08* | 0.04* | 0.00 | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 26 | 3.29 | 0.72 | 0.03* | 0.02* | 0.07* | 0.04* | 0.00* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 27 | 0.02* | 0.81 | 0.03* | 0.02* | 0.07* | 0.04* | 0.00* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 28 | 0.02* | 0.03* | 0.02* | 0.02* | 0.06* | 0.04* | 0.00* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 29 | 0.02* | 0.03* | 0.02* | 0.02* | 0.06* | 0.04* | 0.00* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* |
| 30 | 0.02* | 0.03* | 0.02* | 0.02* | --- | 0.04* | 0.00* | 0.00 | 0.00 | 0.00* | 0.00* | 0.00 |
| 31 | 0.02* | --- | 0.02* | 1.45 | --- | 0.04* | --- | 0.00* | --- | 0.00* | 0.00* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 4.29 | 5.89 | 5.97 | 2.53 | 12.25 | 3.45 | 36.87 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.14 | 0.20 | 0.19 | 0.08 | 0.42 | 0.11 | 1.23 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| MAX | 3.29 | 1.83 | 4.71 | 1.45 | 7.48 | 1.71 | 28.69 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.20 |
| PERIOD TOTAL MAX: | 28.69 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 71.46 |

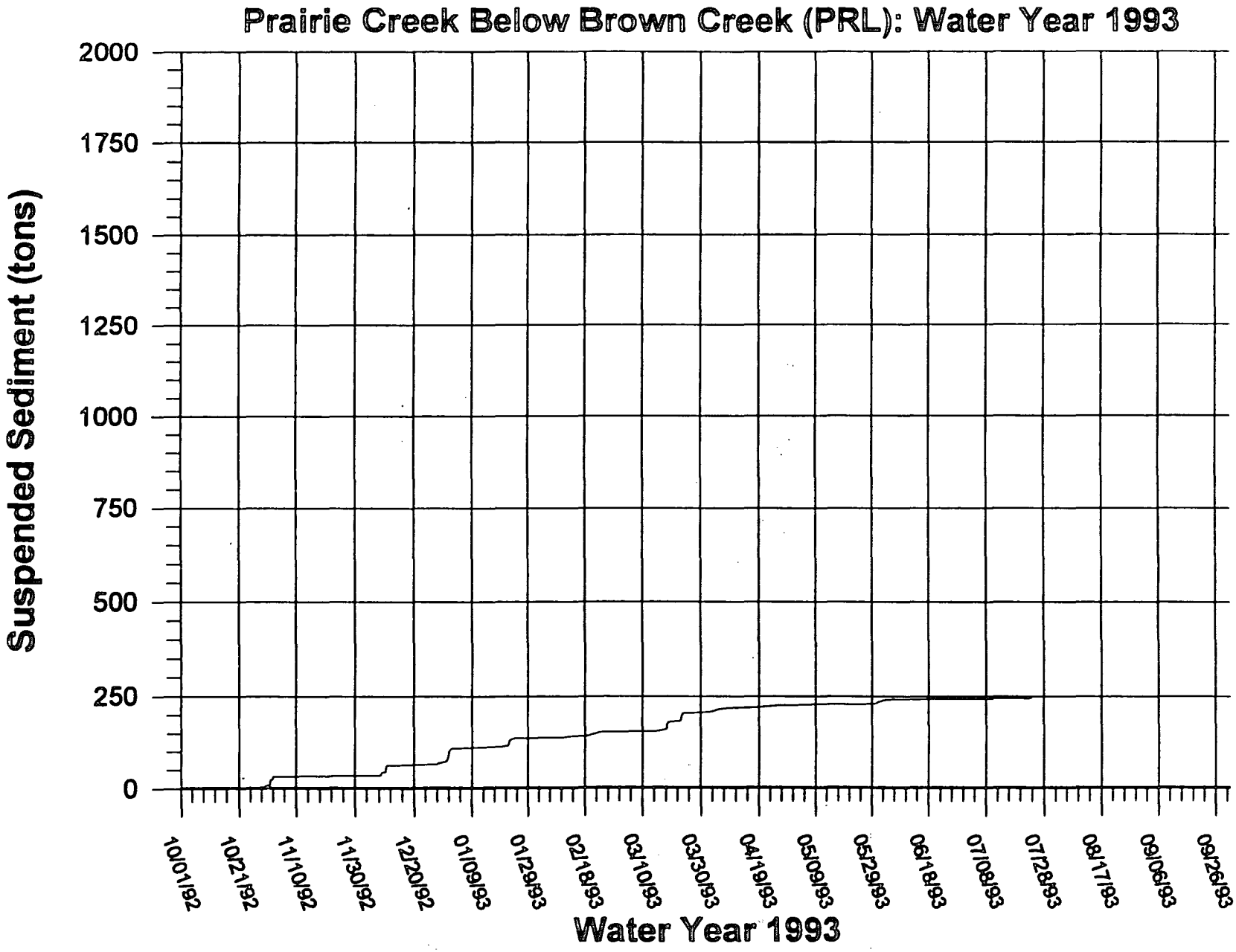

Prairie Creek Below Brown Creek (PRL): Water Year 1992
Suspended Sediment (tons)
2000
1750
1500
1250
1000
750
500
250
0
10/01/91
10/21/91
11/10/91
11/30/91
12/20/91
01/09/92
01/29/92
02/18/92
03/09/92
03/29/92
04/18/92
05/08/92
05/28/92
06/17/92
07/07/92
07/27/92
08/16/92
09/05/92
09/25/92
Water Year 1992

# Prairie Creek Below Brown Creek (PRL) WY93: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 8.42 | 0.04* | 10.12 | 0.10* | 0.10* | 1.16 | 0.20* | 1.79 | 0.00* | 0.00* | 0.00* |
| 2 | 0.00* | 3.27 | 0.04* | 0.22 | 0.10* | 0.10* | 1.04* | 0.19 | 1.54* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.06 | 0.04* | 0.21* | 0.09* | 0.09* | 1.63 | 1.29 | 1.10* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.05* | 0.04* | 0.20* | 0.08* | 0.09* | 2.83 | 0.23* | 0.79 | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.05* | 0.04* | 0.19* | 0.07* | 0.08* | 1.06 | 0.15* | 0.58* | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.05* | 0.04* | 0.18* | 0.07* | 0.08* | 0.87* | 0.09 | 0.31* | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.04* | 0.04* | 0.17* | 0.06* | 0.07* | 0.85 | 0.07* | 0.11 | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.04* | 6.34 | 0.16* | 0.05* | 0.07* | 0.78 | 0.07* | 0.08* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 0.04* | 1.30 | 1.31 | 0.04* | 0.06* | 0.62 | 0.07* | 0.07* | 0.00* | 0.00* | 0.00* |
| 10 | 0.00* | 0.04* | 14.38 | 0.19* | 0.49 | 0.06* | 0.96* | 0.06* | 0.06* | 0.00* | 0.00* | 0.00* |
| 11 | 0.00* | 0.03* | 0.69 | 0.18* | 1.51 | 0.05* | 0.75* | 0.06* | 0.05* | 0.00* | 0.00* | 0.00* |
| 12 | 0.00* | 0.03* | 0.19* | 0.16* | 0.96 | 0.05* | 0.56* | 0.06* | 0.05* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.03* | 0.18* | 0.15* | 0.74 | 0.04* | 0.40* | 0.06* | 0.04* | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.02* | 0.17* | 0.14* | 0.27* | 1.14 | 0.27* | 0.06* | 0.03* | 0.00* | 0.00* | 0.00* |
| 15 | 0.01* | 0.02* | 0.17* | 0.13* | 0.07 | 1.03 | 0.16* | 0.06* | 0.03* | 0.00* | 0.00* | 0.00* |
| 16 | 0.01* | 0.02* | 0.16* | 0.11* | 0.07* | 1.02 | 0.08 | 0.06* | 0.02* | 0.00* | 0.00* | 0.00* |
| 17 | 0.01* | 0.02* | 0.15* | 0.10* | 0.07* | 2.76 | 0.26 | 0.06* | 0.02* | 0.00* | 0.00* | 0.00* |
| 18 | 0.01* | 0.01* | 0.14* | 0.09* | 0.07* | 14.22 | 0.57 | 0.06* | 0.01* | 0.00* | 0.00* | 0.00* |
| 19 | 0.01* | 0.51 | 0.13* | 0.31 | 2.59 | 1.15 | 0.27 | 0.05* | 0.01* | 0.00* | 0.00* | 0.00* |
| 20 | 0.12 | 0.03* | 0.12* | 1.89 | 1.56 | 0.18* | 0.38 | 0.05* | 0.01* | 0.00* | 0.00* | 0.00* |
| 21 | 0.80 | 0.40 | 0.11* | 6.71 | 1.92 | 0.14* | 0.43 | 0.05* | 0.00 | 0.00* | 0.00* | 0.00* |
| 22 | 0.01 | 0.65 | 0.10* | 8.47 | 1.64 | 1.25 | 0.81 | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.01* | 0.04 | 0.09* | 1.69 | 1.21 | 16.47 | 0.86 | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.02* | 0.04* | 0.08* | 0.17* | 0.14* | 0.94 | 0.42 | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.02* | 0.04* | 0.07* | 0.16* | 0.12 | 0.21* | 1.69 | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.02* | 0.04* | 0.06* | 0.15* | 0.12* | 0.18* | 1.67* | 0.32 | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.02* | 0.04* | 0.16 | 0.14* | 0.11* | 0.16* | 1.04 | 0.50 | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.02* | 0.04* | 3.61 | 0.14* | 0.11* | 0.13* | 0.69* | 0.23 | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 3.44 | 0.04* | 1.40 | 0.13* | --- | 0.11* | 0.50* | 0.06* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 4.69 | 0.04* | 1.55 | 0.12* | --- | 0.08* | 0.34* | 2.85 | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 7.87 | --- | 16.57 | 0.11* | --- | 0.39 | --- | 3.17 | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 17.08 | 14.18 | 48.20 | 34.21 | 14.45 | 42.51 | 23.96 | 10.38 | 6.71 | 0.03 | 0.02 | 0.01 |
| MEAN | 0.55 | 0.47 | 1.55 | 1.10 | 0.52 | 1.37 | 0.80 | 0.33 | 0.22 | 0.00 | 0.00 | 0.00 |
| MAX | 7.87 | 8.42 | 16.57 | 10.12 | 2.59 | 16.47 | 2.83 | 3.17 | 1.79 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.01 | 0.04 | 0.09 | 0.04 | 0.04 | 0.08 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.58 |
| PERIOD TOTAL MAX: | 16.57 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 211.73 |

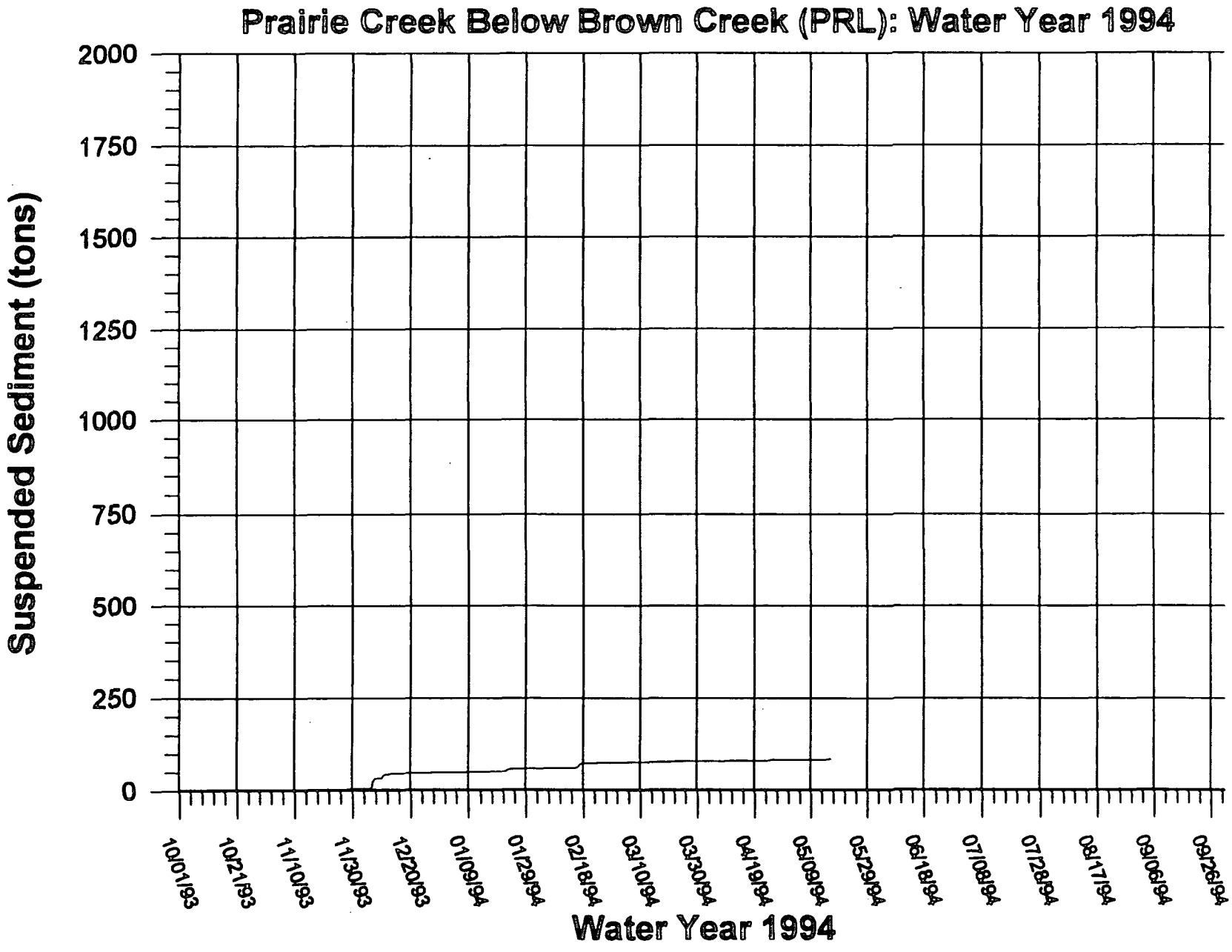

Prairie Creek Below Brown Creek (PRL): Water Year 1993
Suspended Sediment (tons)
2000
1750
1500
1250
1000
750
500
250
0
10/01/92
10/21/92
11/10/92
11/30/92
12/20/92
01/09/93
01/29/93
02/18/93
03/10/93
03/30/93
04/19/93
05/09/93
05/29/93
06/18/93
07/08/93
07/28/93
08/17/93
09/06/93
09/26/93
Water Year 1993

# Prairie Creek Below Brown Creek (PRL) WY94: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.01* | 1.16 | 0.20 | 0.09* | 0.18* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 2 | 0.00* | 0.01* | 0.04 | 0.04* | 0.08* | 0.17* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.01* | 0.03 | 0.04* | 0.07* | 0.16* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.01* | 0.17 | 0.09 | 0.07* | 0.16* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.01* | 0.13 | 0.15 | 0.06* | 0.15* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.01* | 0.43* | 0.07 | 0.05* | 0.14* | 0.03* | 0.13 | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.01* | 14.43 | 0.04* | 0.05* | 0.13* | 0.02* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.01* | 11.74 | 0.70 | 0.04* | 0.13* | 0.10 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 0.01* | 0.58 | 0.77 | 0.03* | 0.12* | 0.22 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | 0.00* | 0.01* | 0.05* | 0.29 | 0.43 | 0.11* | 0.04 | 0.00 | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | 0.00* | 0.01* | 9.63 | 0.13 | 0.04 | 0.11* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | 0.00* | 0.01* | 1.87 | 0.07* | 0.03* | 0.10* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.01* | 0.53 | 0.07* | 0.03* | 0.09* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.01* | 1.97 | 0.07* | 0.03* | 0.09* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | 0.00* | 0.01* | 0.40 | 0.06* | 0.03* | 0.08* | 0.03* | 0.94 | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | 0.00* | 0.01* | 0.13* | 0.06* | 0.29 | 0.07* | 0.03* | 0.95 | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.00* | 0.01* | 0.13* | 0.06* | 9.84 | 0.07* | 0.03* | 0.35 | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.00* | 0.01* | 0.12* | 0.05* | 2.86 | 0.06* | 0.03* | 0.06 | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.00* | 0.01* | 0.11* | 0.05* | 0.25* | 0.05* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.00* | 0.01* | 0.10* | 0.05* | 0.24* | 0.04* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.00* | 0.01* | 0.10* | 0.04* | 0.23* | 0.04* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.00* | 0.08 | 0.09* | 0.09 | 0.23* | 0.33 | 0.02* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.00* | 0.02* | 0.08* | 5.36 | 0.22* | 0.08 | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.01* | 0.02* | 0.08* | 1.91 | 0.21* | 0.04* | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.01* | 0.01* | 0.07* | 0.14 | 0.20* | 0.04* | 2.42 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.01* | 0.01* | 0.06* | 0.13* | 0.20* | 0.04* | 0.03 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.01* | 0.01* | 0.05* | 0.12* | 0.19* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.01* | 0.01* | 0.05* | 0.12* | 0.18* | 0.03* | 0.00 | 0.00 | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.01* | 4.32 | 0.04* | 0.11* | --- | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.01* | 0.02* | 0.03* | 0.10* | --- | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.01* | --- | 0.03* | 0.10* | --- | 0.03* | --- | 0.00* | --- | 0.00* | 0.00* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.13 | 4.66 | 44.44 | 11.26 | 16.28 | 2.93 | 3.41 | 2.73 | 0.02 | 0.02 | 0.01 | 0.01 |
| MEAN | 0.00 | 0.16 | 1.43 | 0.36 | 0.58 | 0.09 | 0.11 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 0.01 | 4.32 | 14.43 | 5.36 | 9.84 | 0.33 | 2.42 | 0.95 | 0.00 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.01 | 0.03 | 0.04 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.24 |
| PERIOD TOTAL MAX: | 14.43 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 85.90 |

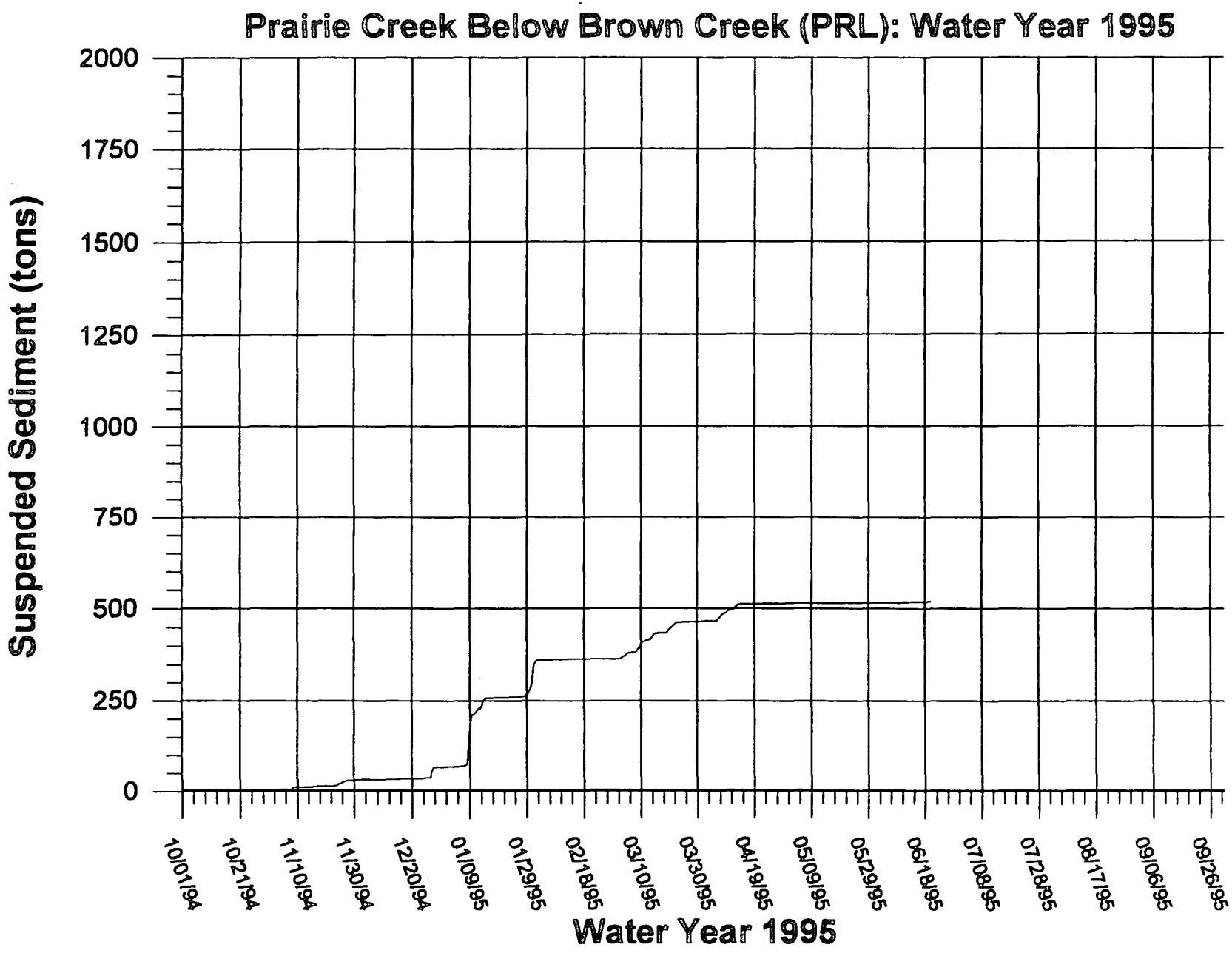

Prairie Creek Below Brown Creek (PRL): Water Year 1994
Suspended Sediment (tons)
2000
1750
1500
1250
1000
750
500
250
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1994

# Prairie Creek Below Brown Creek (PRL) WY95: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 1.72 | 2.23 | 0.06 | 39.52 | 0.08* | 0.10* | 1.11 | 0.04* | 0.07* | 0.03* | 0.01* |
| 2 | 0.00* | 0.02* | 0.23 | 0.06* | 2.22 | 0.07* | 0.09* | 0.80* | 0.04* | 0.07* | 0.03* | 0.01* |
| 3 | 0.00* | 0.01* | 0.10* | 0.05* | 0.26* | 0.06* | 0.09* | 0.72* | 0.03* | 0.07* | 0.03* | 0.01* |
| 4 | 0.00* | 0.83 | 0.10* | 0.04* | 0.25* | 5.89 | 0.08* | 0.65* | 0.03* | 0.07* | 0.03* | 0.01* |
| 5 | 0.00* | 0.28 | 0.09* | 0.17 | 0.24* | 6.51 | 0.07* | 0.57* | 0.03* | 0.07* | 0.03* | 0.01* |
| 6 | 0.00* | 0.03* | 0.08* | 0.64 | 0.24* | 2.91 | 2.51 | 0.51* | 0.03* | 0.07* | 0.03* | 0.01* |
| 7 | 0.00* | 0.02* | 0.08* | 2.43 | 0.23* | 0.06 | 8.90 | 0.44* | 0.03* | 0.07* | 0.03* | 0.01* |
| 8 | 0.00* | 0.02* | 0.07* | 3.37 | 0.22* | 0.95 | 8.18 | 0.38* | 0.03* | 0.06* | 0.03* | 0.01* |
| 9 | 0.00* | 6.56 | 0.07* | 110.13 | 0.22* | 11.25 | 3.29 | 0.33* | 0.03* | 0.06* | 0.03* | 0.01* |
| 10 | 0.00* | 0.03 | 0.06* | 44.64 | 0.21* | 12.96 | 3.85 | 0.27* | 0.89 | 0.06* | 0.03* | 0.01* |
| 11 | 0.00* | 0.03* | 0.06* | 5.85 | 0.20* | 5.46 | 0.11* | 0.22* | 0.05* | 0.06* | 0.02* | 0.01* |
| 12 | 0.00* | 0.02* | 0.05* | 9.16 | 0.19* | 2.62 | 2.42 | 0.18* | 0.05* | 0.06* | 0.02* | 0.00* |
| 13 | 0.00* | 0.02* | 0.05* | 5.30 | 0.19* | 3.25* | 10.67 | 0.13* | 0.05* | 0.06* | 0.02* | 0.00* |
| 14 | 0.00* | 0.02* | 0.04* | 20.09 | 0.18* | 7.59 | 2.49 | 0.10* | 1.29 | 0.06* | 0.02* | 0.00* |
| 15 | 0.00* | 0.79 | 0.18 | 10.75 | 0.17* | 8.43 | 0.15 | 0.06 | 4.14* | 0.05* | 0.02* | 0.00* |
| 16 | 0.00* | 0.76 | 0.97 | 0.29 | 0.17* | 1.55 | 0.14* | 0.05* | 2.88* | 0.05* | 0.02* | 0.00* |
| 17 | 0.00* | 0.97 | 0.74 | 0.21 | 0.16* | 0.28 | 0.13* | 0.05* | 1.78* | 0.05* | 0.02* | 0.00* |
| 18 | 0.00* | 0.17 | 0.61* | 0.19* | 0.15* | 0.14* | 0.13* | 0.05* | 0.84* | 0.05* | 0.02* | 0.00* |
| 19 | 0.00* | 0.03* | 0.51* | 0.17* | 0.15* | 0.25 | 0.12* | 0.04* | 0.16 | 0.05* | 0.02* | 0.00* |
| 20 | 0.00* | 0.16 | 0.41* | 0.16* | 0.14* | 11.07 | 0.11* | 0.04* | 0.09* | 0.05* | 0.02* | 0.00* |
| 21 | 0.01* | 0.12 | 0.32* | 0.14* | 0.13* | 4.91 | 0.11* | 0.04* | 0.09* | 0.05* | 0.02* | 0.00* |
| 22 | 0.01* | 0.03 | 0.24* | 0.12* | 0.12* | 8.53 | 0.10* | 0.04* | 0.09* | 0.05* | 0.02* | 0.00* |
| 23 | 0.01* | 0.09 | 0.17* | 0.10* | 0.12* | 4.71 | 0.10* | 0.04* | 0.09* | 0.04* | 0.02* | 0.00* |
| 24 | 0.01* | 1.95 | 0.11* | 0.08* | 0.11* | 0.96 | 0.09* | 0.04* | 0.09* | 0.04* | 0.01* | 0.00* |
| 25 | 0.01* | 6.31 | 0.07* | 0.06* | 0.10* | 0.30 | 0.08* | 0.04* | 0.08* | 0.04* | 0.01* | 0.00* |
| 26 | 0.01* | 3.91* | 0.38 | 0.41 | 0.10* | 0.15* | 0.08* | 0.04* | 0.08* | 0.04* | 0.01* | 0.00* |
| 27 | 1.23 | 2.49* | 19.44 | 0.07 | 0.09* | 0.14* | 0.07* | 0.04* | 0.08* | 0.04* | 0.01* | 0.00* |
| 28 | 0.75 | 1.39* | 8.90 | 0.07* | 0.08* | 0.13* | 0.07* | 0.04* | 0.08* | 0.04* | 0.01* | 0.00* |
| 29 | 0.01* | 0.60* | 0.17 | 0.62 | --- | 0.12* | 0.06* | 0.04* | 0.08* | 0.04* | 0.01* | 0.00* |
| 30 | 0.01* | 0.20 | 0.13* | 11.28 | --- | 0.12* | 0.05* | 0.04* | 0.08* | 0.04* | 0.01* | 0.00 |
| 31 | 0.01* | --- | 0.09 | 40.85 | --- | 0.11* | --- | 0.04* | --- | 0.04* | 0.01* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 2.12 | 29.59 | 36.73 | 267.55 | 46.14 | 101.53 | 44.43 | 7.14 | 13.35 | 1.67 | 0.66 | 0.12 |
| MEAN | 0.07 | 0.99 | 1.18 | 8.63 | 1.65 | 3.28 | 1.48 | 0.23 | 0.45 | 0.05 | 0.02 | 0.00 |
| MAX | 1.23 | 6.56 | 19.44 | 110.13 | 39.52 | 12.96 | 10.67 | 1.11 | 4.14 | 0.07 | 0.03 | 0.01 |
| MIN | 0.00 | 0.01 | 0.04 | 0.04 | 0.08 | 0.06 | 0.05 | 0.04 | 0.03 | 0.04 | 0.01 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 1.51 |
| PERIOD TOTAL MAX: | 110.13 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 551.05 |

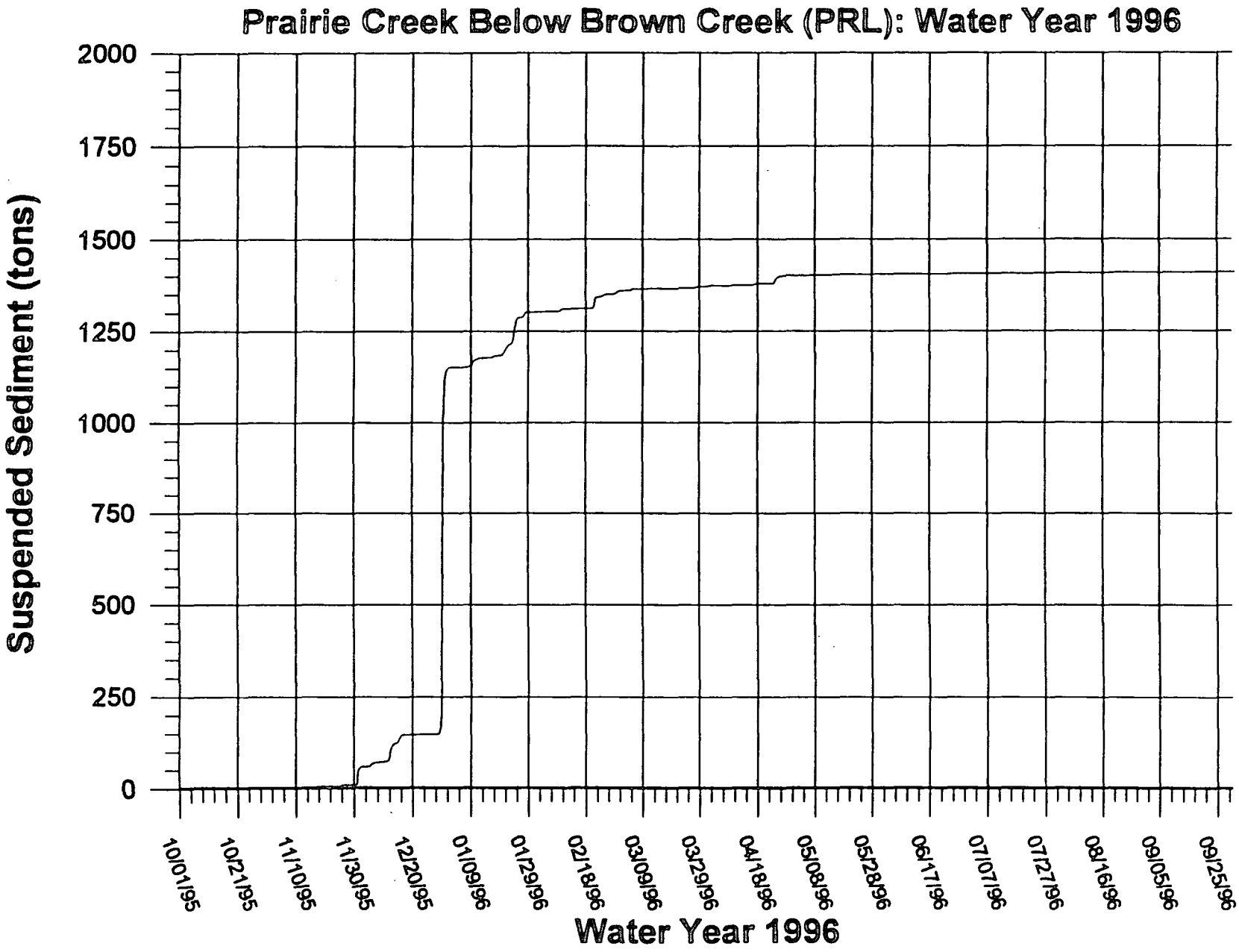

Prairie Creek Below Brown Creek (PRL): Water Year 1995
Suspended Sediment (tons)
2000
1750
1500
1250
1000
750
500
250
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

# Prairie Creek Below Brown Creek (PRL) WY96: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.04* | 43.84 | 15.17 | 2.97* | 4.18* | 0.08* | 0.09* | 0.00* | 0.00* | 0.00* | 0.00* |
| 2 | 0.00* | 0.04* | 0.39 | 4.57 | 1.58 | 4.82* | 0.08* | 0.08* | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.04* | 0.05* | 2.37* | 1.06* | 5.37* | 0.08* | 0.08* | 0.00* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.04* | 0.05* | 0.89* | 0.98* | 5.83 | 0.08* | 0.07* | 0.00* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.04* | 6.53 | 0.12 | 0.90* | 1.64 | 0.08* | 0.07* | 0.00* | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.04* | 2.52 | 0.10* | 0.83* | 0.23* | 0.09* | 0.07* | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.04* | 0.24 | 0.11* | 0.75* | 0.22* | 0.09* | 0.06* | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.04* | 0.11* | 0.12* | 0.68* | 0.21* | 0.09* | 0.06* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 0.04* | 0.11* | 0.12* | 0.61* | 0.20* | 0.09* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | 0.00* | 0.04* | 0.11* | 0.13* | 0.54* | 0.19* | 0.09* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | 1.15 | 0.04* | 0.13 | 0.14* | 0.47* | 0.18* | 0.09* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | 0.03* | 0.04* | 31.81 | 0.15* | 0.41* | 0.17* | 0.09* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | 0.03* | 0.04* | 7.61 | 0.16* | 0.34* | 0.16* | 0.09* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | 0.03* | 0.04* | 0.40 | 0.17* | 0.28* | 0.15* | 0.09* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | 0.03* | 0.04* | 0.22* | 0.18* | 0.22* | 0.14* | 0.09* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | 0.03* | 0.04* | 0.18* | 0.19* | 0.16* | 0.13* | 0.09* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.03* | 0.04* | 0.14 | 0.20* | 0.11 | 0.13* | 0.10* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.03* | 0.04* | 0.12* | 0.20* | 0.11* | 0.12* | 0.10* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.03* | 0.04* | 0.12* | 0.21* | 0.12* | 0.11* | 0.10* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.03* | 0.04* | 0.12* | 0.22* | 11.07 | 0.10* | 0.10* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.03* | 0.04* | 0.12* | 0.23* | 20.84 | 0.09* | 0.10* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.03* | 0.04* | 0.12* | 0.24* | 7.05* | 0.08* | 0.10* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.03* | 0.04* | 0.12* | 14.13 | 4.89 | 0.07* | 2.16 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.03* | 0.04* | 0.12* | 62.13 | 4.09 | 0.06* | 9.43 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.03* | 3.46 | 0.11* | 13.93 | 3.90* | 0.05* | 2.06 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.03* | 0.05 | 0.11* | 5.28 | 3.23* | 0.10 | 1.08* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.03* | 0.04* | 0.11* | 19.37 | 2.61* | 2.66 | 0.45* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.03* | 0.04* | 0.11* | 21.55* | 4.11 | 2.52* | 0.12 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.04* | 0.04* | 205.22 | 13.27 | 5.36 | 1.28* | 0.10* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.04* | 0.04* | 814.95 | 8.50* | --- | 0.42* | 0.09* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.04* | --- | 111.59 | 4.93 | --- | 0.08 | --- | 0.00 | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 1.81 | 4.63 | 1227.50 | 189.07 | 80.28 | 31.67 | 17.49 | 1.12 | 0.04 | 0.03 | 0.01 | 0.00 |
| MEAN | 0.06 | 0.15 | 39.60 | 6.10 | 2.77 | 1.02 | 0.58 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 1.15 | 3.46 | 814.95 | 62.13 | 20.84 | 5.83 | 9.43 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.04 | 0.05 | 0.10 | 0.11 | 0.05 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 4.24 |
| PERIOD TOTAL MAX: | 814.95 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 1553.65 |

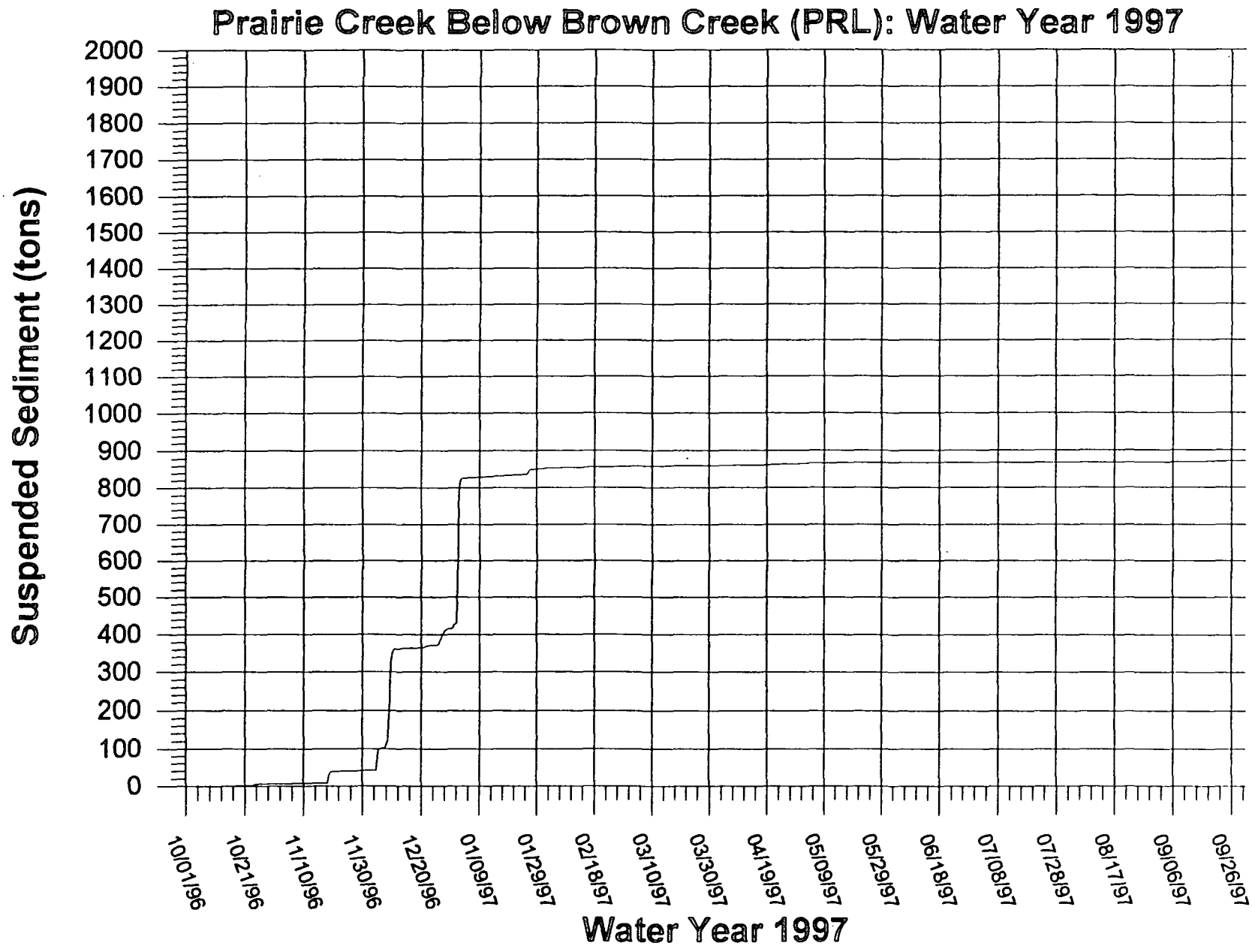

Prairie Creek Below Brown Creek (PRL): Water Year 1996
Suspended Sediment (tons)
2000
1750
1500
1250
1000
750
500
250
0
10/01/95
10/21/95
11/10/95
11/30/95
12/20/95
01/09/96
01/29/96
02/18/96
03/09/96
03/29/96
04/18/96
05/08/96
05/28/96
06/17/96
07/07/96
07/27/96
08/16/96
09/05/96
09/25/96
Water Year 1996

# Prairie Creek Below Brown Creek (PRL) WY97: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.02 | 0.08* | 0.11* | 357.02 | 0.69 | 0.18 | 0.05* | 0.12* | 0.03* | 0.00* | 0.00* | 0.02* |
| 2 | 0.02* | 0.08* | 0.12* | 39.08 | 0.23* | 0.73* | 0.04* | 0.17 | 0.03* | 0.00* | 0.00* | 0.02* |
| 3 | 0.02* | 0.08* | 0.13* | 1.08 | 0.23* | 0.10 | 0.04* | 0.30 | 0.22 | 0.00* | 0.00* | 0.03* |
| 4 | 0.02* | 0.07* | 34.08 | 0.58* | 0.22* | 0.09* | 0.04* | 0.07* | 0.04* | 0.00* | 0.00* | 0.03* |
| 5 | 0.02* | 0.07* | 24.80 | 0.56* | 0.21* | 0.09* | 0.04* | 0.07* | 0.03* | 0.00* | 0.00* | 0.03* |
| 6 | 0.02* | 0.07* | 1.26 | 0.54* | 0.21* | 0.09* | 0.04* | 0.07* | 0.03* | 0.00* | 0.00* | 0.03* |
| 7 | 0.02* | 0.07* | 9.46 | 0.52* | 0.20* | 0.08* | 0.04* | 0.07* | 0.03* | 0.00* | 0.00* | 0.03* |
| 8 | 0.02* | 0.07* | 69.66 | 0.50* | 0.19* | 0.08* | 0.04* | 0.07* | 0.03* | 0.00* | 0.00* | 0.03* |
| 9 | 0.02* | 0.06* | 167.60 | 0.48* | 0.19* | 0.08* | 0.03* | 0.06* | 0.02* | 0.00* | 0.00* | 0.03* |
| 10 | 0.02* | 0.06* | 9.92 | 0.46* | 0.18* | 0.08* | 0.03* | 0.06* | 0.02* | 0.00* | 0.00* | 0.03* |
| 11 | 0.02* | 0.06* | 0.58* | 0.44* | 0.18* | 0.08* | 0.03* | 0.06* | 0.02* | 0.00* | 0.00* | 0.03* |
| 12 | 0.02* | 0.06* | 0.54* | 0.42* | 0.17* | 0.08* | 0.03* | 0.06* | 0.02* | 0.00* | 0.00* | 0.03* |
| 13 | 0.02* | 0.06* | 0.50* | 0.41* | 0.16* | 0.07* | 0.03* | 0.05* | 0.01* | 0.00* | 0.00* | 0.03* |
| 14 | 0.02* | 0.05* | 0.45* | 0.39* | 0.16* | 0.07* | 0.03* | 0.05* | 0.01* | 0.00* | 0.00* | 0.03* |
| 15 | 0.02* | 0.05* | 0.41* | 0.37* | 0.15* | 0.07* | 0.02* | 0.05* | 0.01* | 0.00* | 0.00* | 0.87 |
| 16 | 0.02* | 0.05* | 0.37* | 0.35* | 0.14* | 0.07* | 0.02* | 0.05* | 0.01* | 0.00* | 0.00* | 0.04* |
| 17 | 0.02 | 0.05 | 0.33* | 0.33* | 0.14* | 0.07* | 0.02* | 0.04* | 0.01* | 0.00* | 0.00* | 0.99 |
| 18 | 0.69 | 26.46 | 0.29* | 0.31* | 0.13* | 0.07* | 0.09 | 0.04* | 0.01* | 0.00* | 0.00* | 0.08* |
| 19 | 0.03* | 5.00 | 0.24* | 0.29* | 0.12* | 0.07* | 0.05 | 0.04* | 0.00* | 0.00* | 0.00* | 0.07* |
| 20 | 0.03* | 0.72 | 2.74 | 0.27* | 0.12* | 0.06* | 0.63 | 0.04* | 0.00* | 0.00* | 0.00* | 0.06* |
| 21 | 0.02* | 0.12* | 2.73 | 0.25* | 0.11* | 0.06* | 0.05* | 0.03* | 0.00* | 0.00* | 0.00* | 0.06* |
| 22 | 0.45 | 0.10* | 1.09* | 0.23* | 0.11* | 0.06* | 0.96 | 0.03* | 0.00* | 0.00* | 0.00* | 0.05* |
| 23 | 0.37 | 0.08* | 0.32 | 0.21* | 0.10* | 0.06* | 0.48 | 0.12 | 0.00* | 0.00* | 0.00* | 0.05* |
| 24 | 3.01 | 0.57 | 0.31* | 0.19* | 0.09* | 0.06* | 0.09* | 0.03* | 0.00 | 0.00* | 0.00* | 0.04* |
| 25 | 0.91 | 0.10 | 4.40 | 4.26 | 0.09* | 0.06* | 0.08* | 0.03* | 0.00* | 0.00* | 0.00* | 0.04* |
| 26 | 0.09* | 0.07* | 15.51 | 8.68 | 0.08* | 0.06* | 0.08* | 0.03* | 0.00* | 0.00* | 0.01 | 0.03* |
| 27 | 0.09* | 0.08* | 17.58 | 0.35 | 0.07* | 0.05* | 0.07* | 0.03* | 0.00* | 0.00* | 0.02* | 0.02* |
| 28 | 0.09* | 0.09* | 5.70 | 0.79 | 0.07* | 0.05* | 0.06* | 0.03* | 0.00* | 0.00* | 0.02* | 0.02* |
| 29 | 0.09* | 0.10* | 0.54* | 0.23* | --- | 0.05* | 0.22 | 0.03* | 0.00* | 0.00* | 0.02* | 0.01* |
| 30 | 0.08* | 0.11* | 8.66 | 0.18* | --- | 0.05* | 1.32 | 0.03* | 0.00* | 0.00* | 0.02* | 0.01 |
| 31 | 0.08* | --- | 5.63 | 2.19 | --- | 0.05* | --- | 0.03* | --- | 0.00* | 0.02* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 6.33 | 34.71 | 386.06 | 421.96 | 4.75 | 2.90 | 4.75 | 1.99 | 0.58 | 0.01 | 0.12 | 2.82 |
| MEAN | 0.20 | 1.16 | 12.45 | 13.61 | 0.17 | 0.09 | 0.16 | 0.06 | 0.02 | 0.00 | 0.00 | 0.09 |
| MAX | 3.01 | 26.46 | 167.60 | 357.02 | 0.69 | 0.73 | 1.32 | 0.30 | 0.22 | 0.00 | 0.02 | 0.99 |
| MIN | 0.02 | 0.05 | 0.11 | 0.18 | 0.07 | 0.05 | 0.02 | 0.03 | 0.00 | 0.00 | 0.00 | 0.01 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 2.38 |
| PERIOD TOTAL MAX: | 357.02 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 866.97 |

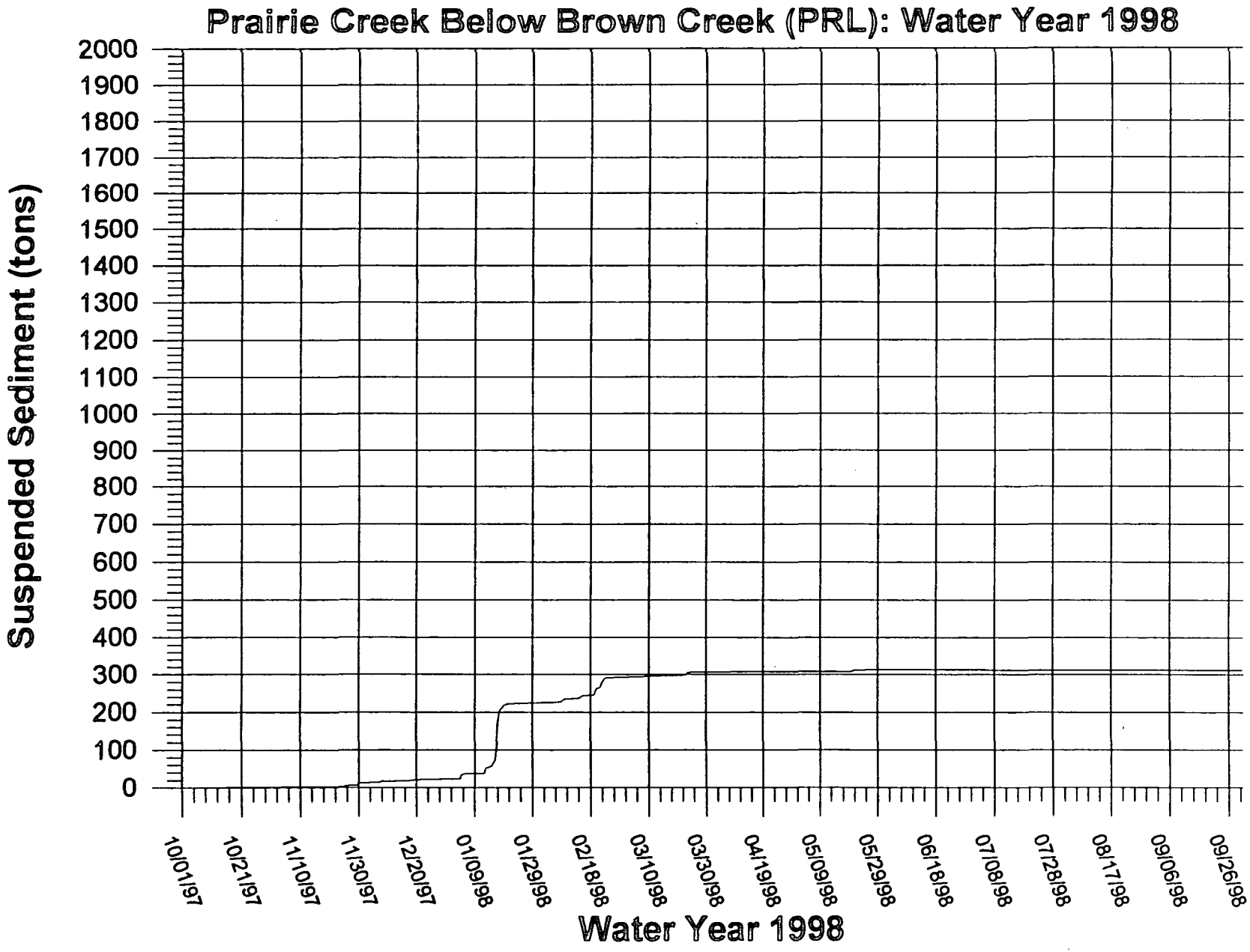

Prairie Creek Below Brown Creek (PRL): Water Year 1997
Suspended Sediment (tons)
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/96
10/21/96
11/10/96
11/30/96
12/20/96
01/09/97
01/29/97
02/18/97
03/10/97
03/30/97
04/19/97
05/09/97
05/29/97
06/18/97
07/08/97
07/28/97
08/17/97
09/06/97
09/26/97
Water Year 1997

# Prairie Creek Below Brown Creek (PRL) WY98: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.07* | 0.17* | 0.13* | 0.27* | 0.36* | 0.01* | 0.00* | 0.00 | 0.00* | 0.00* | 0.00* |
| 2 | 0.01* | 0.05* | 0.16* | 0.13* | 0.26* | 0.34* | 0.00 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | 0.01* | 0.03* | 0.14* | 7.27 | 0.25* | 0.33* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 4 | 0.01* | 0.02* | 0.12* | 5.71 | 0.24* | 0.32* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 5 | 0.01* | 0.01* | 0.10* | 0.94 | 0.23* | 0.30* | 0.03* | 0.00* | 0.00* | 0.00 | 0.00* | 0.00* |
| 6 | 0.01* | 0.00 | 0.09* | 0.20* | 0.22* | 0.29* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | 0.01* | 0.00 | 2.25 | 0.18* | 0.78 | 0.28* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | 0.01* | 0.00* | 0.57 | 0.17* | 6.21 | 0.26* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | 0.01* | 0.01* | 0.15* | 0.16* | 0.55 | 0.25* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | 0.01* | 0.01* | 0.15* | 0.15* | 0.28* | 0.24* | 0.05* | 0.00 | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | 0.01* | 0.01* | 0.14* | 0.13* | 0.23* | 0.23* | 0.06* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | 0.02* | 0.01* | 0.14* | 13.81 | 0.19* | 0.21* | 0.06 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | 0.02* | 0.02* | 0.13* | 1.80 | 0.29 | 0.20* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | 0.02* | 0.02* | 0.13* | 5.29 | 6.60 | 0.19* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | 0.02* | 0.02* | 0.13* | 10.25 | 1.15 | 0.17* | 0.01 | 0.01* | 0.00 | 0.00* | 0.00* | 0.00* |
| 16 | 0.02* | 0.03* | 0.13 | 89.52 | 0.28* | 0.16* | 0.01* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.02* | 0.03* | 1.65 | 47.01 | 0.24* | 0.15* | 0.00* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.02* | 0.03* | 0.17* | 8.99 | 0.19* | 0.14* | 0.00* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.02* | 0.27 | 0.16* | 5.23 | 16.91 | 0.12* | 0.00* | 0.29 | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.02* | 0.05* | 0.86 | 1.07 | 3.22 | 0.11* | 0.00* | 3.92 | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.02* | 0.04* | 0.40 | 0.37* | 14.52 | 0.15 | 0.00* | 0.08* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.02* | 0.04* | 0.16* | 0.36* | 10.46 | 2.91 | 0.00* | 0.06* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.03* | 0.04 | 0.15* | 0.35* | 1.05 | 4.83 | 0.00* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.03* | 0.86 | 0.15* | 0.34* | 0.42* | 0.91* | 0.00* | 0.26 | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.03* | 2.02 | 0.15* | 0.33* | 0.41* | 0.25 | 0.00* | 0.13 | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.03* | 0.42 | 0.15* | 0.32* | 0.39* | 0.19* | 0.00 | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.03* | 0.12* | 0.14* | 0.31* | 0.38* | 0.14* | 0.00* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.03* | 0.09* | 0.14* | 0.31* | 0.37* | 0.11* | 0.00* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.03* | 6.97 | 0.14* | 0.30* | --- | 0.08* | 0.00* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.04 | 0.29 | 0.13* | 0.29* | --- | 0.05* | 0.00* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.96 | --- | 0.13* | 0.28* | --- | 0.03* | --- | 0.01* | --- | 0.00* | 0.00* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 1.51 | 11.59 | 9.40 | 201.71 | 66.58 | 14.29 | 0.52 | 5.03 | 0.02 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.05 | 0.39 | 0.30 | 6.51 | 2.38 | 0.46 | 0.02 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 0.96 | 6.97 | 2.25 | 89.52 | 16.91 | 4.83 | 0.06 | 3.92 | 0.00 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.00 | 0.09 | 0.13 | 0.19 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.85 |
| PERIOD TOTAL MAX: | 89.52 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 310.66 |

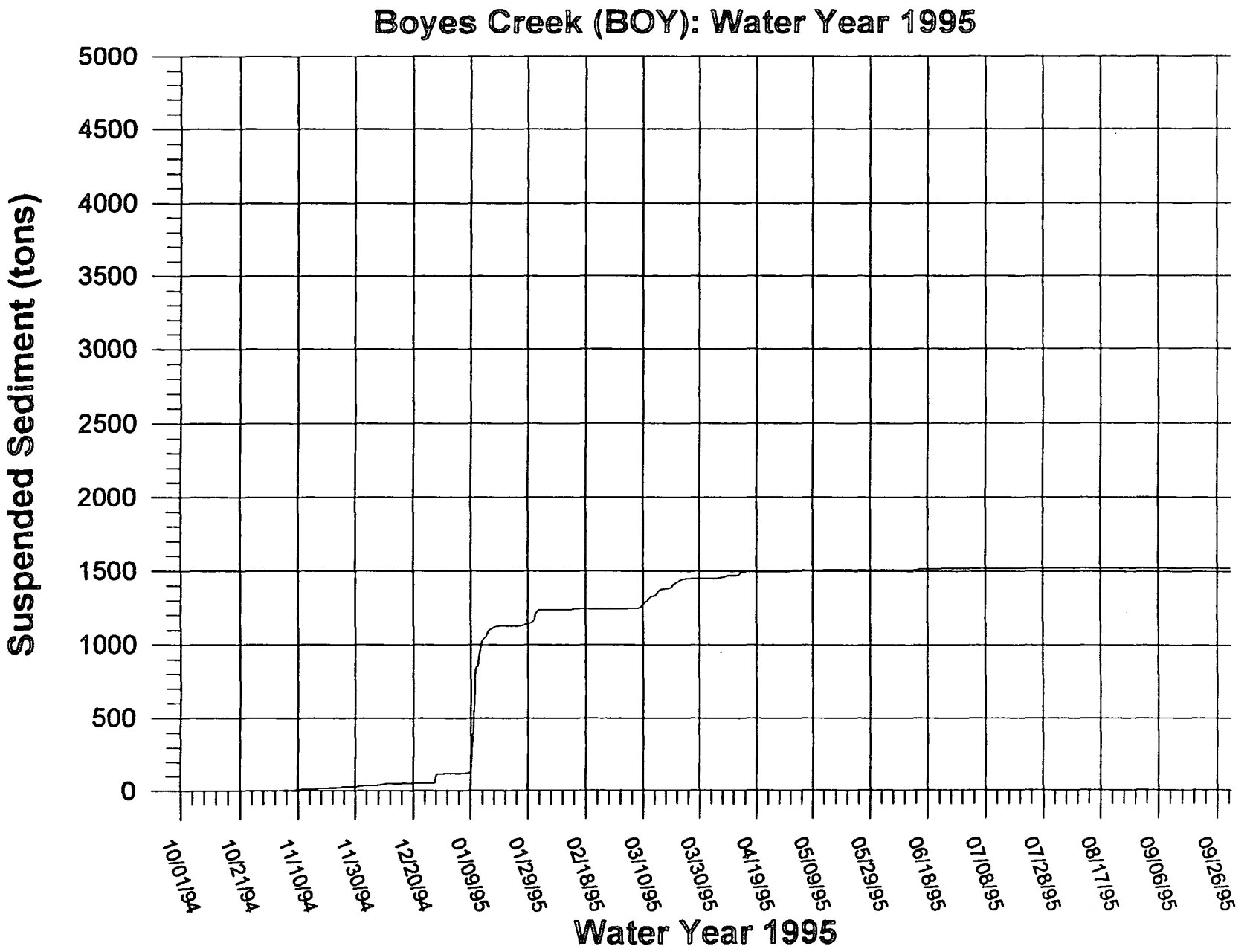

Prairie Creek Below Brown Creek (PRL): Water Year 1998
Suspended Sediment (tons)
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/97
10/21/97
11/10/97
11/30/97
12/20/97
01/09/98
01/29/98
02/18/98
03/10/98
03/30/98
04/19/98
05/09/98
05/29/98
06/18/98
07/08/98
07/28/98
08/17/98
09/06/98
09/26/98
Water Year 1998

# Boyes Creek (BOY) WY95: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.44 | 6.02 | 0.11 | 12.77 | 0.03* | 0.03* | 4.02 | 0.01* | 0.01* | 0.01* | 0.01* |
| 2 | 0.00* | 0.01 | 0.83* | 0.01* | 1.22 | 0.03* | 0.03* | 0.82* | 0.01* | 0.01* | 0.01* | 0.01* |
| 3 | 0.00* | 0.03* | 0.45* | 0.01* | 0.08* | 0.03* | 0.03* | 0.39* | 0.01* | 0.01* | 0.01* | 0.01* |
| 4 | 0.00* | 0.61 | 0.19 | 0.01* | 0.08* | 0.84 | 0.02* | 0.09 | 0.01* | 0.00* | 0.01* | 0.01* |
| 5 | 0.00* | 0.08 | 0.66* | 0.01* | 0.07* | 0.99 | 1.11 | 0.03* | 0.01* | 0.00* | 0.01* | 0.01* |
| 6 | 0.00* | 0.00* | 0.75 | 1.04 | 0.06* | 0.42* | 5.79 | 0.03* | 0.01* | 0.00* | 0.01* | 0.01* |
| 7 | 0.00* | 0.00* | 2.68 | 1.87 | 0.06* | 0.68 | 2.87 | 0.03* | 0.01* | 0.00 | 0.01* | 0.01* |
| 8 | 0.00* | 0.00 | 3.88* | 6.15 | 0.05* | 4.40 | 7.37 | 0.03* | 0.01* | 0.00* | 0.01* | 0.00* |
| 9 | 0.00* | 7.83 | 1.84* | 301.01 | 0.04* | 25.46 | 1.70 | 0.02* | 0.08 | 0.00* | 0.01* | 0.00* |
| 10 | 0.00* | 0.12 | 0.56* | 415.76 | 0.04* | 14.45 | 0.44 | 0.02* | 0.42 | 0.00* | 0.01* | 0.00* |
| 11 | 0.00* | 0.00* | 0.93 | 69.43 | 0.03* | 25.08 | 0.19* | 0.02* | 0.02 | 0.00* | 0.01* | 0.00* |
| 12 | 0.00* | 0.00* | 0.51 | 115.78 | 2.27 | 9.78 | 6.00 | 0.87 | 0.01* | 0.00* | 0.01* | 0.00* |
| 13 | 0.00* | 0.00* | 0.27* | 16.72 | 4.56 | 2.31 | 15.82 | 0.52 | 0.03 | 0.00* | 0.01* | 0.00* |
| 14 | 0.00* | 0.00* | 0.34* | 40.50 | 0.04* | 21.42 | 2.90 | 0.23* | 2.63 | 0.00* | 0.01* | 0.00* |
| 15 | 0.00* | 3.47 | 0.44 | 18.43 | 0.04* | 20.36 | 0.56 | 0.15* | 2.75 | 0.00* | 0.01* | 0.00* |
| 16 | 0.00* | 1.81 | 0.59 | 8.70* | 0.04* | 4.03 | 0.30* | 0.09* | 0.03 | 0.00* | 0.01* | 0.00* |
| 17 | 0.00* | 2.06 | 0.17 | 3.54 | 0.04* | 1.32 | 0.12* | 0.04* | 0.02* | 0.00* | 0.01* | 0.00* |
| 18 | 0.00* | 0.31 | 0.12 | 1.61* | 0.03* | 2.60 | 0.04 | 0.02 | 0.02 | 0.00* | 0.01* | 0.00* |
| 19 | 0.00* | 0.13 | 0.02 | 0.49* | 0.03* | 3.36 | 0.04* | 0.02* | 0.57 | 0.00* | 0.01* | 0.00* |
| 20 | 0.00* | 1.01 | 0.01* | 0.04 | 0.03* | 27.83 | 0.03* | 0.02* | 0.51* | 0.00* | 0.01* | 0.00* |
| 21 | 0.00* | 0.14 | 0.01* | 0.04* | 0.03* | 8.80 | 0.03* | 0.02* | 0.41* | 0.00* | 0.01* | 0.00* |
| 22 | 0.00* | 0.01* | 0.01* | 0.03* | 0.03* | 15.61 | 0.03* | 0.02* | 0.32* | 0.00* | 0.01* | 0.00* |
| 23 | 0.00* | 0.07 | 0.01* | 0.03* | 0.03* | 6.95 | 0.03* | 0.02* | 0.23* | 0.00* | 0.01* | 0.00* |
| 24 | 0.00* | 3.61 | 0.72 | 0.03* | 0.03* | 2.62* | 0.03* | 0.02* | 0.16* | 0.00 | 0.01* | 0.00* |
| 25 | 0.00* | 3.92 | 0.01* | 0.03* | 0.03* | 0.86* | 0.03* | 0.02* | 0.09* | 0.20* | 0.01* | 0.00* |
| 26 | 0.00* | 0.74* | 0.28 | 7.87 | 0.03* | 0.06 | 0.03* | 0.02* | 0.04 | 1.46 | 0.01* | 0.00* |
| 27 | 0.00* | 0.20 | 50.88 | 4.49* | 0.03* | 0.05* | 0.03* | 0.02* | 0.02* | 2.21 | 0.01* | 0.00* |
| 28 | 0.00* | 0.02 | 10.44 | 1.96* | 0.03* | 0.05* | 0.02* | 0.01* | 0.02 | 0.01* | 0.01* | 0.00* |
| 29 | 0.00* | 0.01* | 1.62* | 1.93 | --- | 0.04* | 0.02* | 0.01* | 0.01* | 0.01* | 0.01* | 0.00* |
| 30 | 0.00* | 0.01 | 0.94* | 16.63 | --- | 0.04* | 4.47 | 0.01* | 0.01* | 0.01* | 0.01* | 0.00 |
| 31 | 0.00* | --- | 0.43* | 58.55 | --- | 0.04* | --- | 0.01* | --- | 0.01* | 0.01* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.00 | 26.68 | 86.62 | 1092.80 | 21.83 | 200.53 | 50.12 | 7.62 | 8.51 | 3.97 | 0.31 | 0.10 |
| MEAN | 0.00 | 0.89 | 2.79 | 35.25 | 0.78 | 6.47 | 1.67 | 0.25 | 0.28 | 0.13 | 0.01 | 0.00 |
| MAX | 0.00 | 7.83 | 50.88 | 415.76 | 12.77 | 27.83 | 15.82 | 4.02 | 2.75 | 2.21 | 0.01 | 0.01 |
| MIN | 0.00 | 0.00 | 0.01 | 0.01 | 0.03 | 0.03 | 0.02 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 4.11 |
| PERIOD TOTAL MAX: | 415.76 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 1499.08 |

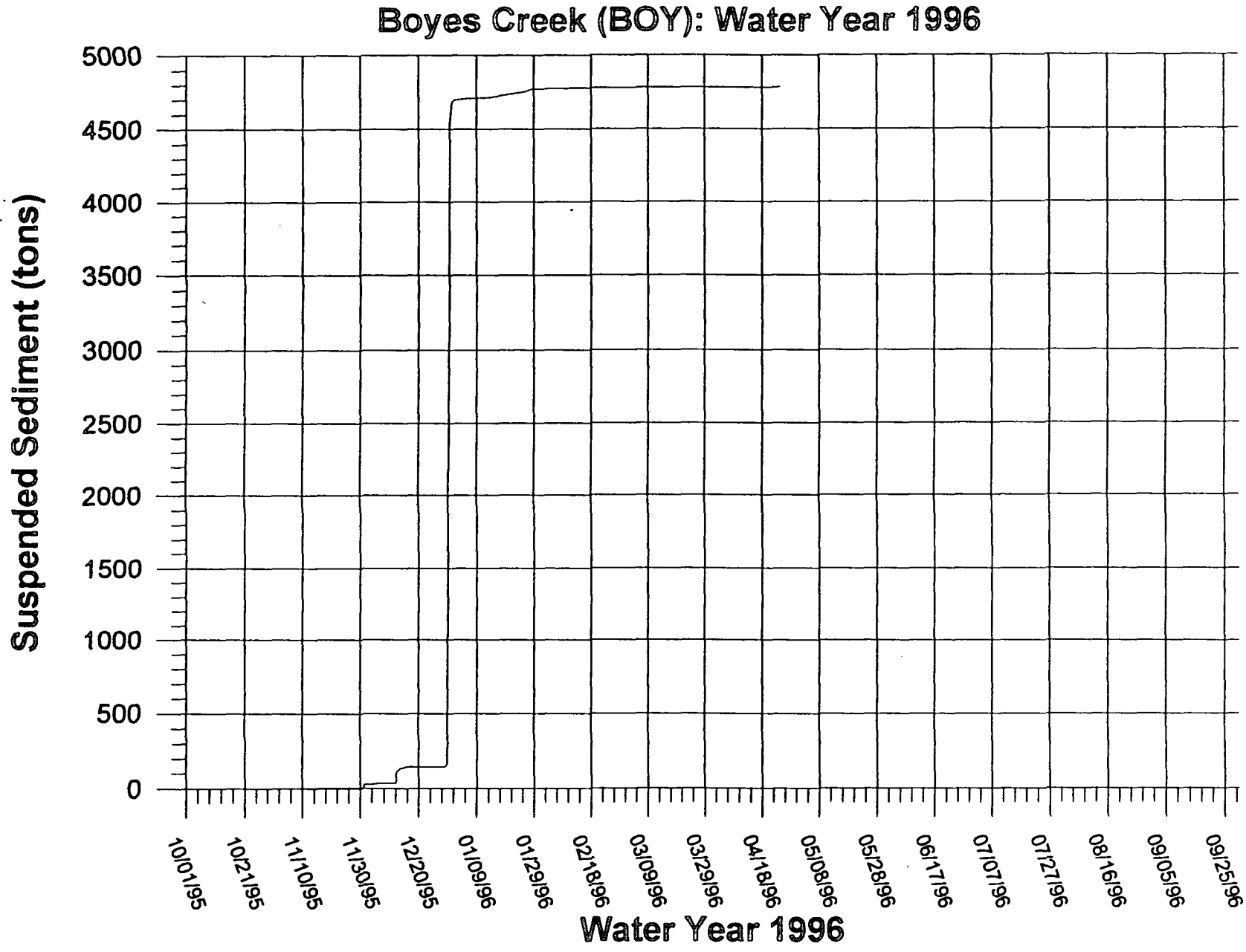

Boyes Creek (BOY): Water Year 1995
Suspended Sediment (tons)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

# Boyes Creek (BOY) WY96: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00* | 24.36 | 7.03 | 0.27* | 0.03* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 2 | 0.00* | 0.00* | 0.18 | 3.07* | 0.20* | 0.03* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.00* | 0.07* | 1.79* | 0.15* | 0.03* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.00* | 0.28 | 0.85* | 0.10* | 0.03* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.00* | 4.70 | 0.24* | 0.07 | 0.03* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.00* | 1.19 | 0.01 | 0.32* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.00* | 0.17* | 0.32 | 0.73* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.05 | 0.01 | 0.61 | 1.19* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00 | 0.23 | 0.01* | 2.09 | 1.32 | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | 0.03 | 0.00* | 0.04 | 1.05* | 0.73* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | 0.60 | 0.00* | 0.54 | 0.52* | 0.27* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | 0.02 | 0.00* | 81.94 | 0.18 | 0.03 | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.00* | 13.87 | 0.03 | 0.03* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.00* | 4.59 | 0.04* | 0.03* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | 0.00* | 0.00* | 6.35 | 0.15* | 0.03* | 0.03* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | 0.00* | 0.00* | 0.53 | 0.35* | 0.03* | 0.03* | 0.66 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.00* | 0.00* | 0.18* | 0.64* | 0.03* | 0.03* | 0.22 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.00* | 0.00* | 0.06* | 1.01* | 0.03* | 0.03* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.00* | 0.00* | 0.01 | 1.48* | 0.03* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.00* | 0.00* | 0.01* | 2.03* | 0.03* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.00* | 0.00* | 0.01* | 2.67* | 0.03* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.00* | 0.00* | 0.01* | 3.40* | 0.03* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.00* | 0.00* | 0.01* | 4.21* | 0.03* | 0.03* | 1.81 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.00* | 0.10 | 0.01* | 5.12* | 0.03* | 0.03* | 1.11 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.00* | 3.19 | 0.01* | 5.33 | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.00* | 0.60* | 0.01* | 6.40* | 0.03* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.00* | 0.01 | 0.01* | 10.23 | 0.03* | 0.43 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.00* | 0.01* | 0.18 | 1.96 | 0.03* | 0.06 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.00* | 0.01* | 923.06 | 0.76* | 0.03* | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.00* | 0.28 | 3545.41 | 0.43 | --- | 0.04* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.00* | --- | 74.41 | 0.34* | --- | 0.04* | --- | 0.00* | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.72 | 4.54 | 4682.21 | 64.33 | 5.87 | 1.40 | 4.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.02 | 0.15 | 151.04 | 2.08 | 0.20 | 0.05 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 0.60 | 3.19 | 3545.41 | 10.23 | 1.32 | 0.43 | 1.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.00 | 0.01 | 0.01 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 13.02 |
| PERIOD TOTAL MAX: | 3545.41 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 4763.51 |

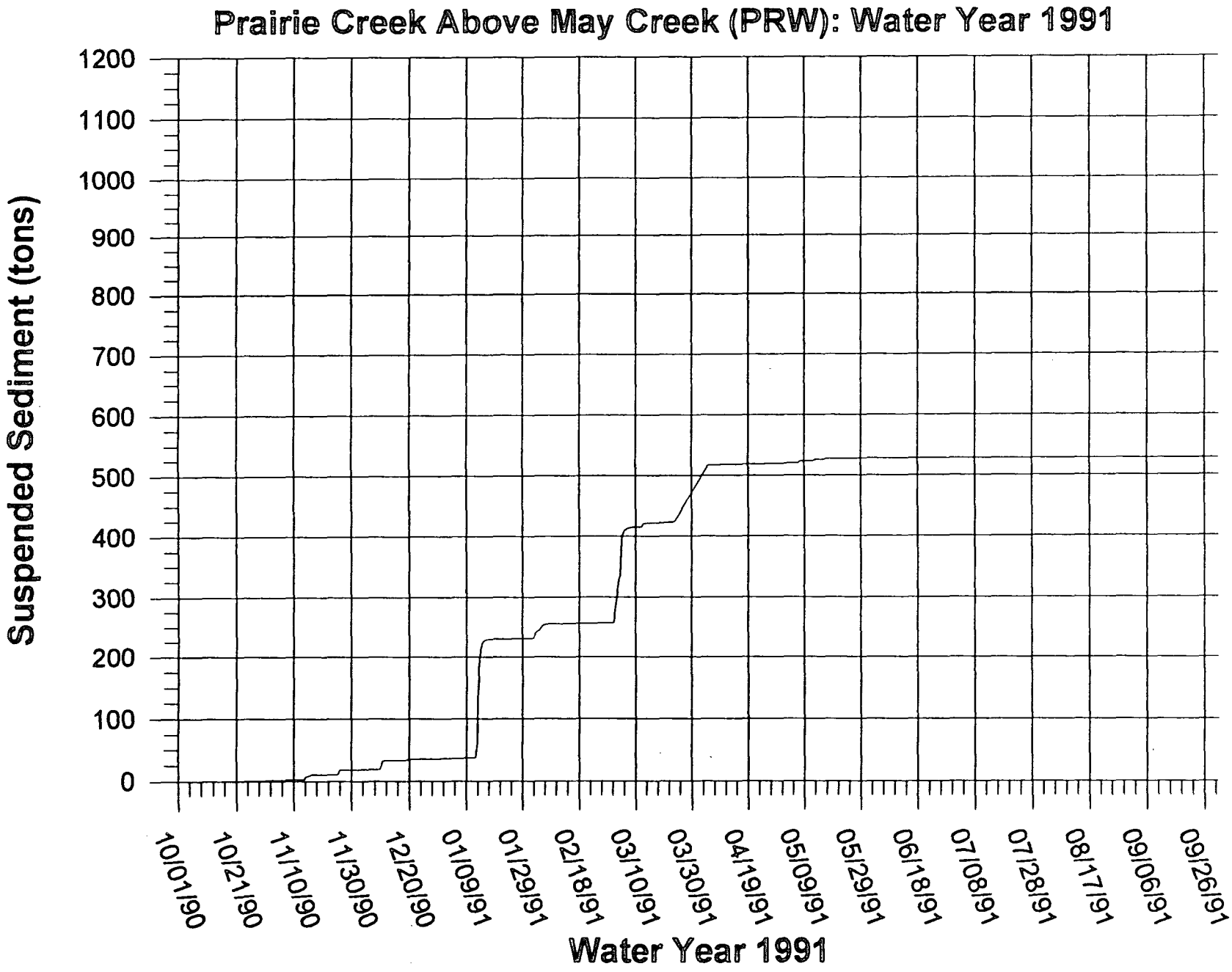

Boyes Creek (BOY): Water Year 1996
Suspended Sediment (tons)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
10/01/95
10/21/95
11/10/95
11/30/95
12/20/95
01/09/96
01/29/96
02/18/96
03/09/96
03/29/96
04/18/96
05/08/96
05/28/96
06/17/96
07/07/96
07/27/96
08/16/96
09/05/96
09/25/96
Water Year 1996

# Prairie Creek Above May Creek (PRW) WY91: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.04 | 0.06+ | 0.10+ | 1.30 | 0.06+ | 8.51+ | 0.06+ | 0.01+ | 0.00+ | 0.00+ | 0.00+ |
| 2 | 0.00+ | 0.04+ | 0.05+ | 0.10+ | 8.58 | 28.88 | 8.83+ | 0.05+ | 0.01+ | 0.00+ | 0.00+ | 0.00+ |
| 3 | 0.00+ | 0.03+ | 0.05+ | 0.10+ | 2.65+ | 37.47+ | 9.15+ | 0.05+ | 0.01+ | 0.00+ | 0.00+ | 0.00+ |
| 4 | 0.00+ | 0.03+ | 0.04+ | 0.10+ | 7.31 | 58.00 | 7.51 | 0.05+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 5 | 0.00+ | 0.03+ | 0.04+ | 0.10+ | 2.86 | 28.08 | 0.13 | 0.04+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 6 | 0.00+ | 0.03+ | 0.03+ | 0.10+ | 0.76+ | 3.11 | 0.13+ | 0.15 | 0.00 | 0.00+ | 0.00+ | 0.00+ |
| 7 | 0.00+ | 0.03+ | 0.03+ | 0.10+ | 0.12 | 1.00+ | 0.13+ | 2.87 | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 8 | 0.00+ | 0.03+ | 0.02+ | 0.10+ | 0.11+ | 0.36+ | 0.12+ | 0.07+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 9 | 0.00+ | 0.02+ | 0.91 | 0.11+ | 0.11+ | 0.11 | 0.12+ | 0.06+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 10 | 0.00+ | 0.02+ | 11.44 | 0.11+ | 0.11+ | 0.10+ | 0.12+ | 0.05+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 11 | 0.00+ | 0.02+ | 0.33 | 0.11+ | 0.11+ | 0.11 | 0.11+ | 0.05+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 12 | 0.00+ | 0.02+ | 0.06+ | 72.31 | 0.10+ | 6.00 | 0.11+ | 2.34 | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 13 | 0.00+ | 3.86 | 0.06+ | 100.40 | 0.10+ | 0.24 | 0.11+ | 0.19 | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 14 | 0.00+ | 1.35 | 0.06+ | 16.38 | 0.10+ | 0.18+ | 0.11+ | 0.06+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 15 | 0.00+ | 2.71 | 0.06+ | 3.00 | 0.10+ | 0.17+ | 0.10+ | 0.10 | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 16 | 0.01+ | 0.31 | 0.06+ | 0.77 | 0.09+ | 0.16+ | 0.10+ | 0.97 | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 17 | 0.01+ | 0.05 | 0.07+ | 0.28+ | 0.09+ | 0.15+ | 0.10+ | 0.09+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 18 | 0.01+ | 0.02+ | 0.75 | 0.10 | 0.09+ | 0.14+ | 0.09+ | 0.08+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 19 | 0.01+ | 0.02+ | 0.20 | 0.10+ | 0.09+ | 0.13+ | 0.09+ | 0.07 | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 20 | 0.01+ | 0.02+ | 0.08+ | 0.09+ | 0.08+ | 0.12+ | 0.09+ | 0.07+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 21 | 0.01+ | 0.02+ | 0.08+ | 0.09+ | 0.08+ | 0.11+ | 0.09+ | 0.06+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 22 | 0.01+ | 0.02+ | 0.08+ | 0.08+ | 0.08+ | 0.10+ | 0.08+ | 0.05+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 23 | 0.01+ | 0.02+ | 0.09+ | 0.08+ | 0.08+ | 1.86 | 0.08+ | 0.05+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 24 | 0.01+ | 0.02+ | 0.09+ | 0.07+ | 0.07+ | 6.61 | 0.08+ | 0.04+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 25 | 0.01+ | 7.24 | 0.09+ | 0.07+ | 0.07+ | 8.71+ | 0.07+ | 0.04+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 26 | 0.01+ | 0.08+ | 0.09+ | 0.06+ | 0.07+ | 6.69 | 0.07+ | 0.03+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 27 | 0.01+ | 0.08+ | 0.09+ | 0.06+ | 0.07+ | 6.82+ | 0.07+ | 0.03+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 28 | 0.02+ | 0.07+ | 0.09+ | 0.05+ | 0.06+ | 7.17+ | 0.06+ | 0.02+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 29 | 0.02+ | 0.07+ | 0.09+ | 0.05+ | --- | 7.51+ | 0.06+ | 0.02+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| 30 | 0.02 | 0.06+ | 0.09+ | 0.04+ | --- | 7.85+ | 0.06+ | 0.02+ | 0.00+ | 0.00+ | 0.00+ | 0.00 |
| 31 | 2.28 | --- | 0.09+ | 0.04+ | --- | 8.18+ | --- | 0.01+ | --- | 0.00+ | 0.00+ | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 2.47 | 16.38 | 15.38 | 195.21 | 25.45 | 226.20 | 36.49 | 7.85 | 0.06 | 0.02 | 0.01 | 0.00 |
| MEAN | 0.08 | 0.55 | 0.50 | 6.30 | 0.91 | 7.30 | 1.22 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 2.28 | 7.24 | 11.44 | 100.40 | 8.58 | 58.00 | 9.15 | 2.87 | 0.01 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.02 | 0.02 | 0.04 | 0.06 | 0.06 | 0.06 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 1.44 |
| PERIOD TOTAL MAX: | 100.40 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 525.52 |

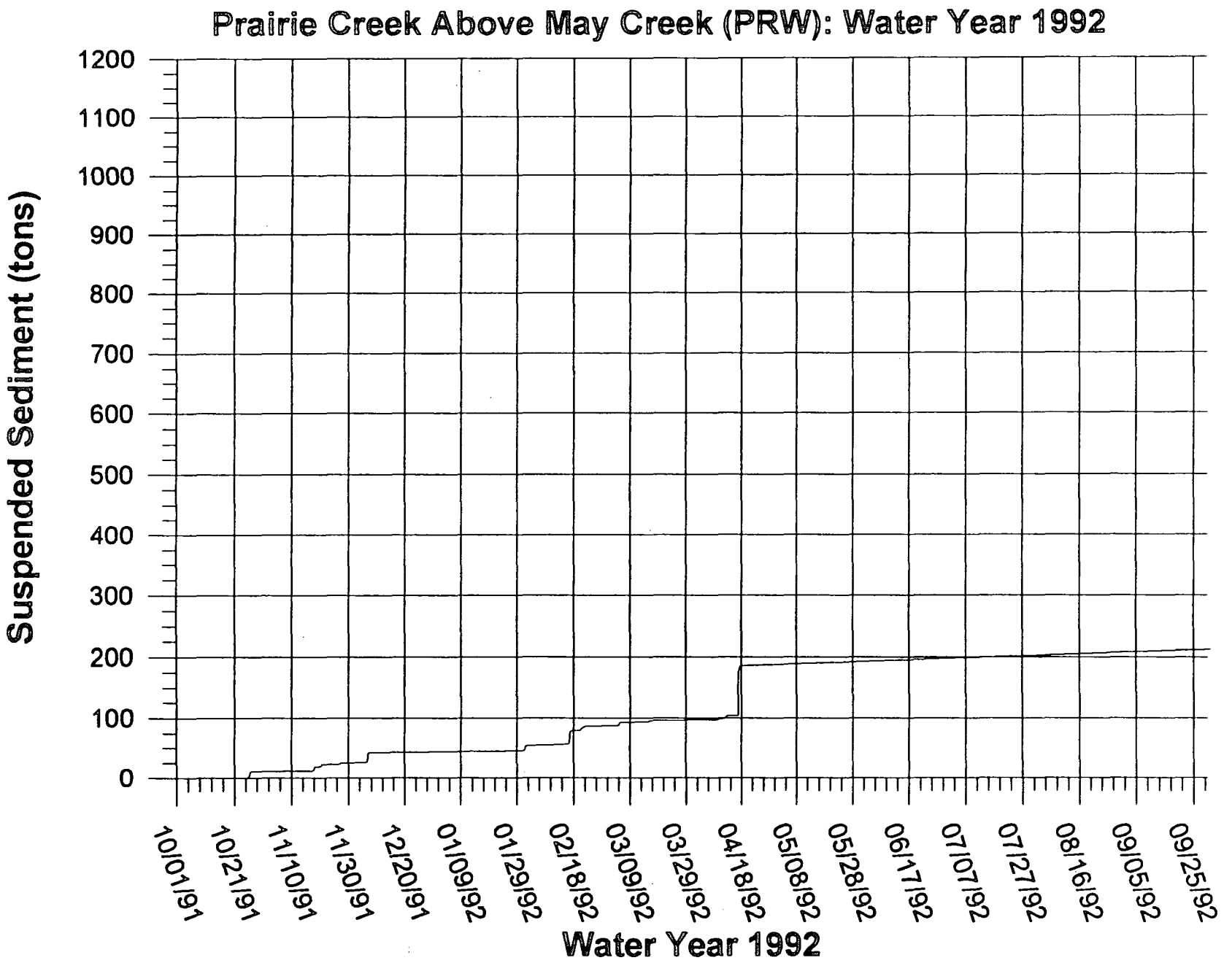

Prairie Creek Above May Creek (PRW): Water Year 1991
Suspended Sediment (tons)
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/90
10/21/90
11/10/90
11/30/90
12/20/90
01/09/91
01/29/91
02/18/91
03/10/91
03/30/91
04/19/91
05/09/91
05/29/91
06/18/91
07/08/91
07/28/91
08/17/91
09/06/91
09/26/91
Water Year 1991

# Prairie Creek Above May Creek (PRW) WY92: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.03 | 0.02* | 0.03* | 0.05* | 4.56 | 0.09* | 0.05* | 0.27* | 0.17* | 0.10* | 0.04* | 0.01* |
| 2 | 0.01* | 0.02* | 0.03* | 0.05* | 0.19* | 0.07* | 0.05* | 0.26* | 0.17* | 0.09* | 0.04* | 0.01* |
| 3 | 0.00 | 0.02* | 0.02* | 0.04* | 0.17* | 0.06* | 0.05* | 0.26* | 0.16* | 0.09* | 0.04* | 0.01* |
| 4 | 0.00* | 0.02* | 0.02* | 0.27 | 0.16* | 0.26 | 0.05* | 0.26* | 0.16* | 0.09* | 0.04* | 0.01* |
| 5 | 0.00* | 0.03* | 0.02* | 0.19 | 0.15* | 5.21 | 0.05* | 0.25* | 0.16* | 0.09* | 0.04* | 0.01* |
| 6 | 0.01* | 0.03* | 15.11 | 0.05* | 0.14* | 0.12* | 0.05* | 0.25* | 0.16* | 0.09* | 0.04* | 0.01* |
| 7 | 0.01* | 0.03* | 1.52 | 0.05* | 0.12* | 0.11* | 0.05* | 0.25* | 0.15* | 0.08* | 0.03* | 0.01* |
| 8 | 0.01* | 0.03* | 0.09* | 0.05* | 0.11* | 0.10* | 0.04* | 0.24* | 0.15* | 0.08* | 0.03* | 0.01* |
| 9 | 0.01* | 0.03* | 0.09* | 0.05* | 0.10* | 0.09* | 0.87 | 0.24* | 0.15* | 0.08* | 0.03* | 0.01* |
| 10 | 0.01* | 0.03* | 0.09* | 0.04* | 0.09* | 0.08* | 0.91 | 0.24* | 0.15* | 0.08* | 0.03* | 0.01* |
| 11 | 0.01* | 0.03* | 0.08* | 0.04* | 0.07* | 0.07* | 0.59 | 0.23* | 0.14* | 0.08* | 0.03* | 0.00* |
| 12 | 0.01* | 0.03* | 0.08* | 0.04* | 0.06* | 0.07* | 4.35 | 0.23* | 0.14* | 0.08* | 0.03* | 0.00* |
| 13 | 0.01* | 0.03* | 0.08* | 0.04* | 0.05* | 0.06* | 0.14 | 0.23* | 0.14* | 0.07* | 0.03* | 0.00* |
| 14 | 0.01* | 0.03* | 0.08* | 0.04* | 0.77 | 0.05* | 0.13* | 0.22* | 0.14* | 0.07* | 0.03* | 0.00* |
| 15 | 0.01* | 0.04* | 0.08* | 0.04* | 0.18 | 1.35 | 0.13* | 0.22* | 0.13* | 0.07* | 0.03* | 0.00* |
| 16 | 0.02* | 0.04* | 0.08* | 0.04* | 20.87 | 0.37 | 63.82 | 0.22* | 0.13* | 0.07* | 0.02* | 0.00* |
| 17 | 0.02* | 5.49 | 0.07* | 0.04* | 1.40 | 0.18 | 17.96 | 0.21* | 0.13* | 0.07* | 0.02* | 0.00* |
| 18 | 0.02* | 1.93 | 0.07* | 0.04* | 0.17* | 0.07* | 0.32* | 0.21* | 0.13* | 0.06* | 0.02* | 0.00* |
| 19 | 0.02* | 0.05* | 0.07* | 0.04* | 0.17* | 0.07* | 0.31* | 0.21* | 0.12* | 0.06* | 0.02* | 0.00* |
| 20 | 0.02* | 3.39 | 0.07* | 0.04* | 3.59 | 0.07* | 0.31* | 0.21* | 0.12* | 0.06* | 0.02* | 0.00* |
| 21 | 0.02* | 0.06 | 0.07* | 0.04* | 2.66 | 0.07* | 0.30* | 0.20* | 0.12* | 0.06* | 0.02* | 0.00* |
| 22 | 0.02* | 0.05* | 0.06* | 0.04* | 0.54 | 0.07* | 0.30* | 0.20* | 0.12* | 0.06* | 0.02* | 0.00* |
| 23 | 0.02* | 0.04* | 0.06* | 0.04* | 0.18* | 0.07* | 0.30* | 0.20* | 0.11* | 0.06* | 0.02* | 0.00* |
| 24 | 0.02* | 0.03* | 0.06* | 0.04* | 0.17* | 0.07* | 0.29* | 0.19* | 0.11* | 0.05* | 0.02* | 0.00* |
| 25 | 0.83 | 0.02* | 0.06* | 0.04* | 0.16* | 0.06* | 0.29* | 0.19* | 0.11* | 0.05* | 0.02* | 0.00* |
| 26 | 9.65 | 0.29 | 0.06* | 0.03* | 0.14* | 0.06* | 0.29* | 0.19* | 0.11* | 0.05* | 0.01* | 0.00* |
| 27 | 0.11 | 2.56 | 0.06* | 0.03* | 0.13* | 0.06* | 0.28* | 0.18* | 0.11* | 0.05* | 0.01* | 0.00* |
| 28 | 0.02* | 0.03 | 0.05* | 0.03* | 0.12* | 0.06* | 0.28* | 0.18* | 0.10* | 0.05* | 0.01* | 0.00* |
| 29 | 0.02* | 0.03* | 0.05* | 0.03* | 0.10* | 0.06* | 0.27* | 0.18* | 0.10* | 0.05* | 0.01* | 0.00* |
| 30 | 0.02* | 0.03* | 0.05* | 0.03* | --- | 0.06* | 0.27* | 0.18* | 0.10* | 0.05* | 0.01* | 0.00 |
| 31 | 0.02* | --- | 0.05* | 4.55 | --- | 0.06* | --- | 0.17* | --- | 0.04* | 0.01* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 10.97 | 14.48 | 18.42 | 6.15 | 37.32 | 9.25 | 93.11 | 6.78 | 3.99 | 2.13 | 0.78 | 0.11 |
| MEAN | 0.35 | 0.48 | 0.59 | 0.20 | 1.29 | 0.30 | 3.10 | 0.22 | 0.13 | 0.07 | 0.03 | 0.00 |
| MAX | 9.65 | 5.49 | 15.11 | 4.55 | 20.87 | 5.21 | 63.82 | 0.27 | 0.17 | 0.10 | 0.04 | 0.01 |
| MIN | 0.00 | 0.02 | 0.02 | 0.03 | 0.05 | 0.05 | 0.04 | 0.17 | 0.10 | 0.04 | 0.01 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.56 |
| PERIOD TOTAL MAX: | 63.82 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 203.47 |

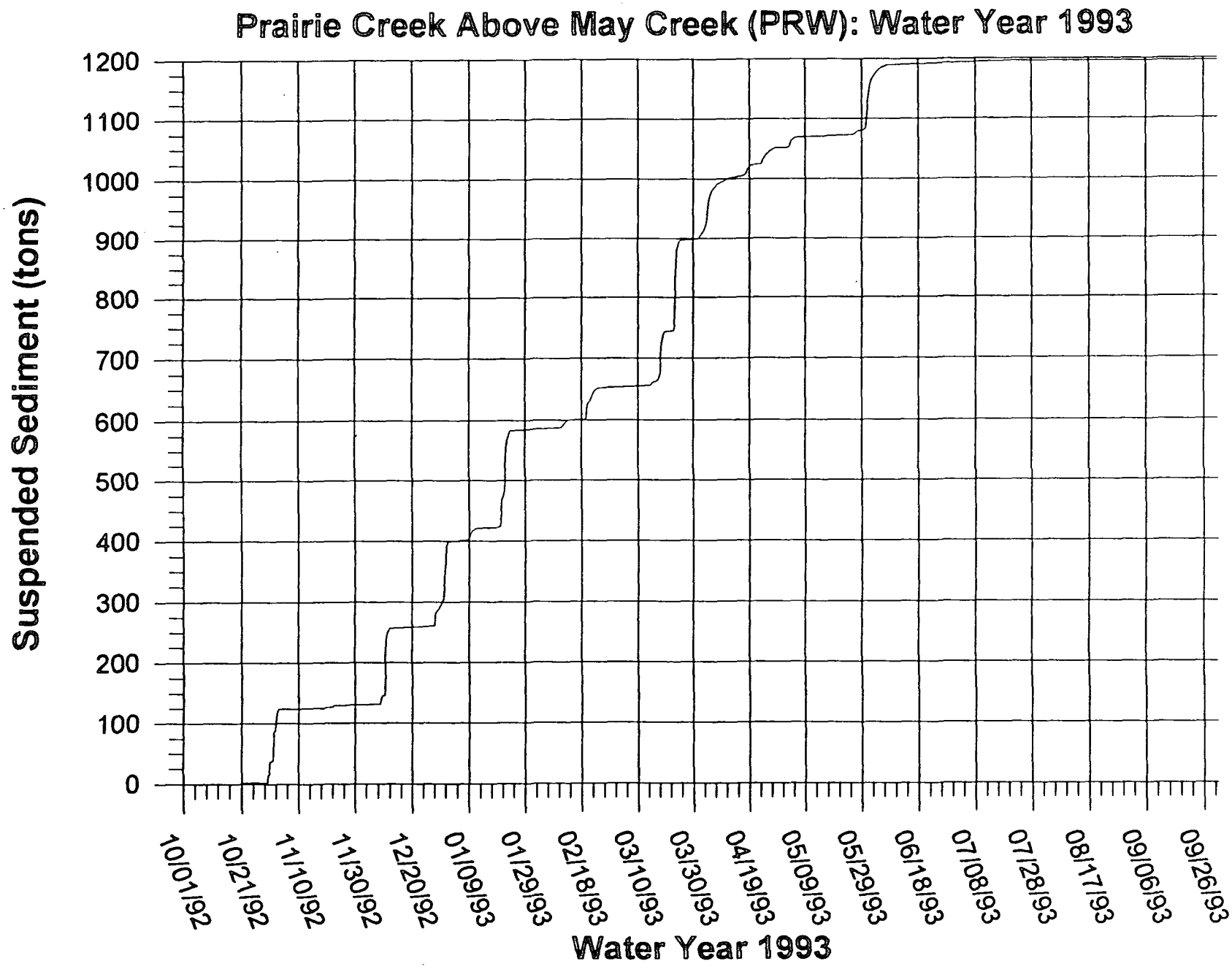

Prairie Creek Above May Creek (PRW): Water Year 1992
Suspended Sediment (tons)
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/91
10/21/91
11/10/91
11/30/91
12/20/91
01/09/92
01/29/92
02/18/92
03/09/92
03/29/92
04/18/92
05/08/92
05/28/92
06/17/92
07/07/92
07/27/92
08/16/92
09/05/92
09/25/92
Water Year 1992

# Prairie Creek Above May Creek (PRW) WY93: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 52.74 | 0.09* | 25.24 | 0.20* | 0.28* | 7.32 | 0.17* | 13.07 | 0.07* | 0.00* | 0.00* |
| 2 | 0.00* | 23.20 | 0.09* | 0.51 | 0.18* | 0.26* | 7.64 | 0.51 | 6.34* | 0.06* | 0.00* | 0.00* |
| 3 | 0.00* | 0.11 | 0.10* | 0.48* | 0.17* | 0.24* | 22.13 | 10.28 | 4.83 | 0.06* | 0.00* | 0.00* |
| 4 | 0.00* | 0.11* | 0.10* | 0.45* | 0.15* | 0.23* | 34.77 | 4.59 | 3.72 | 0.05* | 0.00* | 0.00* |
| 5 | 0.00* | 0.10* | 0.10* | 0.42* | 0.13* | 0.21* | 10.79 | 1.82 | 2.48 | 0.05* | 0.00* | 0.00* |
| 6 | 0.00* | 0.09* | 0.10* | 0.39* | 0.11* | 0.19* | 5.61* | 0.22 | 1.35* | 0.04* | 0.00* | 0.00* |
| 7 | 0.00* | 0.09* | 0.10* | 0.36* | 0.10* | 0.18* | 2.10 | 0.21* | 0.31 | 0.04* | 0.00* | 0.00* |
| 8 | 0.00* | 0.08* | 11.46 | 1.51 | 0.08* | 0.16* | 2.70 | 0.21* | 0.26* | 0.04* | 0.00* | 0.00* |
| 9 | 0.00* | 0.07* | 3.62 | 12.06 | 0.06* | 0.15* | 2.07 | 0.20* | 0.25* | 0.03* | 0.00* | 0.00* |
| 10 | 0.00* | 0.07* | 100.21 | 4.96 | 1.38 | 0.13* | 3.13 | 0.20* | 0.24* | 0.03* | 0.00* | 0.00* |
| 11 | 0.00* | 0.06* | 10.29 | 0.79 | 7.18 | 0.11* | 1.60 | 0.19* | 0.23* | 0.02* | 0.00* | 0.00* |
| 12 | 0.01* | 0.06* | 0.39 | 0.26* | 4.39 | 0.10* | 1.15* | 0.19* | 0.22* | 0.02* | 0.00* | 0.00* |
| 13 | 0.01* | 0.05* | 0.37* | 0.24* | 0.62 | 0.08* | 0.84* | 0.18* | 0.21* | 0.02* | 0.00* | 0.00* |
| 14 | 0.01* | 0.04* | 0.35* | 0.22* | 0.16* | 3.02 | 0.58* | 0.18* | 0.20* | 0.02* | 0.00* | 0.00* |
| 15 | 0.01* | 0.04* | 0.33* | 0.20* | 0.15* | 2.71 | 0.36* | 0.18* | 0.19* | 0.01* | 0.00* | 0.00* |
| 16 | 0.01* | 0.03* | 0.31* | 0.18* | 0.13* | 1.48 | 0.72 | 0.17* | 0.18* | 0.01* | 0.00* | 0.00* |
| 17 | 0.01* | 0.02* | 0.29* | 0.17* | 0.12* | 11.97 | 4.97 | 0.17* | 0.17* | 0.01* | 0.00* | 0.00* |
| 18 | 0.01* | 0.02* | 0.26* | 0.15* | 0.25 | 60.75 | 9.49 | 0.16* | 0.16* | 0.01* | 0.00* | 0.00* |
| 19 | 0.01* | 1.22 | 0.24* | 1.02 | 22.90 | 7.02 | 3.04 | 0.16* | 0.15* | 0.00* | 0.00* | 0.00* |
| 20 | 0.21 | 0.04 | 0.22* | 48.25 | 7.14 | 0.39* | 0.24 | 0.15* | 0.15* | 0.00 | 0.00* | 0.00* |
| 21 | 1.74 | 1.10 | 0.20* | 46.90 | 9.51 | 0.29* | 0.23* | 0.15* | 0.14* | 0.03* | 0.00* | 0.00* |
| 22 | 0.04 | 1.93 | 0.18* | 55.05 | 8.04 | 2.50 | 0.23* | 0.14* | 0.13* | 0.06 | 0.00* | 0.00* |
| 23 | 0.02* | 0.07 | 0.16* | 8.48 | 3.34 | 127.54 | 10.23 | 0.14* | 0.12* | 0.04* | 0.00* | 0.00* |
| 24 | 0.02* | 0.08* | 0.14* | 0.34 | 0.36 | 20.60 | 5.97 | 0.13* | 0.12* | 0.02* | 0.00* | 0.00* |
| 25 | 0.02* | 0.08* | 0.12* | 0.32* | 0.34* | 2.29 | 5.27 | 0.13* | 0.11* | 0.01 | 0.00 | 0.00* |
| 26 | 0.02* | 0.08* | 0.10* | 0.30* | 0.32* | 0.44* | 3.48 | 3.59 | 0.10* | 0.00* | 0.00* | 0.00* |
| 27 | 0.02* | 0.08* | 0.40 | 0.29* | 0.31* | 0.39* | 2.01 | 3.56 | 0.09* | 0.00* | 0.00* | 0.00* |
| 28 | 0.02* | 0.08* | 24.36 | 0.27* | 0.29* | 0.33* | 0.45 | 0.55 | 0.09* | 0.00* | 0.00* | 0.00* |
| 29 | 2.27 | 0.09* | 6.89 | 0.25* | --- | 0.28* | 0.21* | 0.49 | 0.08* | 0.00* | 0.00* | 0.00* |
| 30 | 32.10 | 0.09* | 10.03 | 0.23* | --- | 0.22* | 0.19* | 32.26 | 0.08* | 0.00* | 0.00* | 0.00 |
| 31 | 11.73 | --- | 71.65 | 0.22* | --- | 1.94 | --- | 44.09 | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 48.29 | 81.93 | 243.24 | 210.51 | 68.15 | 246.47 | 149.51 | 105.36 | 35.77 | 0.76 | 0.03 | 0.01 |
| MEAN | 1.56 | 2.73 | 7.85 | 6.79 | 2.43 | 7.95 | 4.98 | 3.40 | 1.19 | 0.02 | 0.00 | 0.00 |
| MAX | 32.10 | 52.74 | 100.21 | 55.05 | 22.90 | 127.54 | 34.77 | 44.09 | 13.07 | 0.07 | 0.00 | 0.00 |
| MIN | 0.00 | 0.02 | 0.09 | 0.15 | 0.06 | 0.08 | 0.19 | 0.13 | 0.08 | 0.00 | 0.00 | 0.00 |

PERIOD TOTAL MEAN: 3.26
PERIOD TOTAL MAX: 127.54
PERIOD TOTAL MIN: 0.00
SUM of DAILY FLUX: 1190.03

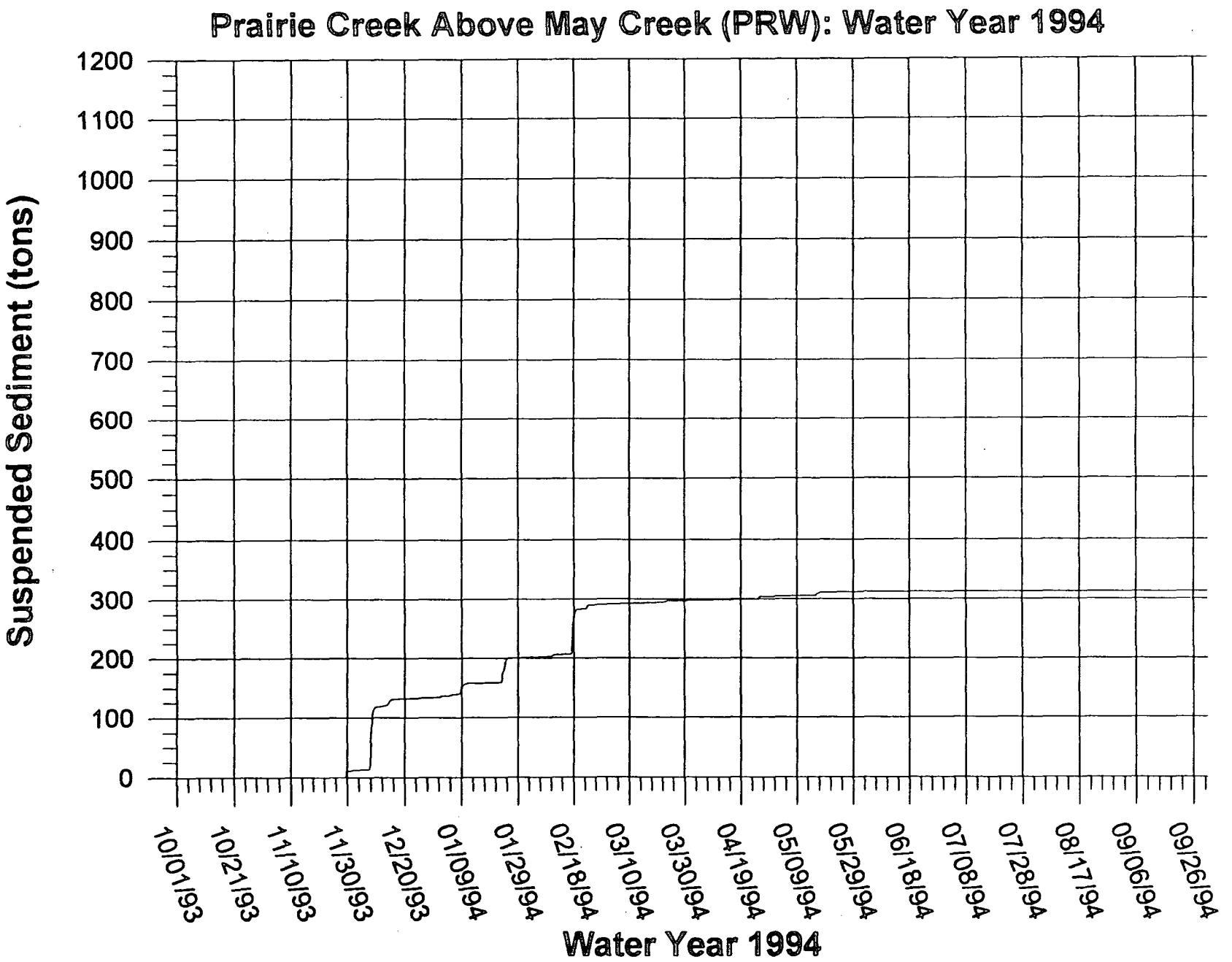

Prairie Creek Above May Creek (PRW): Water Year 1993
Suspended Sediment (tons)
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
10/01/92
10/21/92
11/10/92
11/30/92
12/20/92
01/09/93
01/29/93
02/18/93
03/10/93
03/30/93
04/19/93
05/09/93
05/29/93
06/18/93
07/08/93
07/28/93
08/17/93
09/06/93
09/26/93
Water Year 1993

# Prairie Creek Above May Creek (PRW) WY94: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00* | 1.33 | 1.87 | 0.26* | 0.22* | 0.06* | 0.06* | 0.05* | 0.00 | 0.00* | 0.00* |
| 2 | 0.00* | 0.00* | 0.12 | 0.11 | 0.24* | 0.21* | 0.06* | 0.06* | 0.05* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.00* | 0.09* | 0.11* | 0.22* | 0.21* | 0.06* | 0.05* | 0.05* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.00* | 0.48 | 1.10 | 0.20* | 0.20* | 0.06* | 0.05* | 0.05* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.00* | 0.08* | 1.17 | 0.18* | 0.19* | 0.06* | 0.05* | 0.08 | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.00* | 0.07* | 0.37 | 0.15* | 0.19* | 0.06* | 0.47 | 0.07 | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.00* | 42.68 | 0.52* | 0.13* | 0.18* | 0.06* | 0.04 | 0.03* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.00* | 58.98 | 10.55 | 0.11* | 0.17* | 0.29 | 0.04* | 0.03* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 0.00* | 2.18 | 4.91 | 0.09* | 0.16* | 0.31 | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* |
| 10 | 0.00* | 0.00* | 0.16* | 1.80* | 2.21 | 0.16* | 0.06* | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* |
| 11 | 0.00* | 0.00* | 0.31 | 0.31 | 0.09* | 0.15* | 0.06* | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* |
| 12 | 0.00* | 0.00* | 0.90* | 0.18* | 0.09* | 0.14* | 0.06* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.00* | 2.73 | 0.17* | 0.09* | 0.13* | 0.06* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.00* | 7.48 | 0.15* | 0.09* | 0.13* | 0.06* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* |
| 15 | 0.00* | 0.00* | 0.85 | 0.14* | 0.09* | 0.12* | 0.05* | 1.62 | 0.01* | 0.00* | 0.00* | 0.00* |
| 16 | 0.00* | 0.00* | 0.33* | 0.13* | 0.41 | 0.11* | 0.05* | 3.27 | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.00* | 0.00* | 0.31* | 0.12* | 58.57 | 0.11* | 0.05* | 0.74 | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.00* | 0.00* | 0.30* | 0.11* | 17.15 | 0.10* | 0.05* | 0.18 | 0.00 | 0.00* | 0.00* | 0.00* |
| 19 | 0.00* | 0.00* | 0.28* | 0.10* | 0.64 | 0.09* | 0.05* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.00* | 0.00* | 0.27* | 0.09* | 0.47* | 0.08* | 0.05* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.00* | 0.00* | 0.25* | 0.08* | 0.42* | 0.08* | 0.04* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.00* | 0.00* | 0.23* | 0.47 | 4.48 | 0.99 | 0.04* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.00* | 0.00* | 0.22* | 21.85 | 2.11 | 1.41* | 0.04* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.00* | 0.00* | 0.20* | 18.30 | 0.26* | 0.08 | 0.04* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.00* | 0.00* | 0.19* | 0.41 | 0.25* | 0.07* | 4.68 | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.00* | 0.00* | 0.17* | 0.39* | 0.24* | 0.07* | 0.10 | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.00* | 0.00* | 0.15* | 0.37* | 0.24* | 0.07* | 0.07* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.00* | 0.00* | 0.14* | 0.35* | 0.23* | 0.07* | 0.07* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.00* | 10.84 | 0.12* | 0.33* | --- | 0.07* | 0.07* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.00* | 0.07* | 0.11* | 0.31* | --- | 0.07* | 0.06* | 0.05* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.00* | --- | 0.09* | 0.28* | --- | 0.07* | --- | 0.05* | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.02 | 10.97 | 121.80 | 67.17 | 89.72 | 6.09 | 6.84 | 7.51 | 0.51 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.00 | 0.37 | 3.93 | 2.17 | 3.20 | 0.20 | 0.23 | 0.24 | 0.02 | 0.00 | 0.00 | 0.00 |
| MAX | 0.00 | 10.84 | 58.98 | 21.85 | 58.57 | 1.41 | 4.68 | 3.27 | 0.08 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.00 | 0.07 | 0.08 | 0.09 | 0.07 | 0.04 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.85 |
| PERIOD TOTAL MAX: | 58.98 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 310.63 |

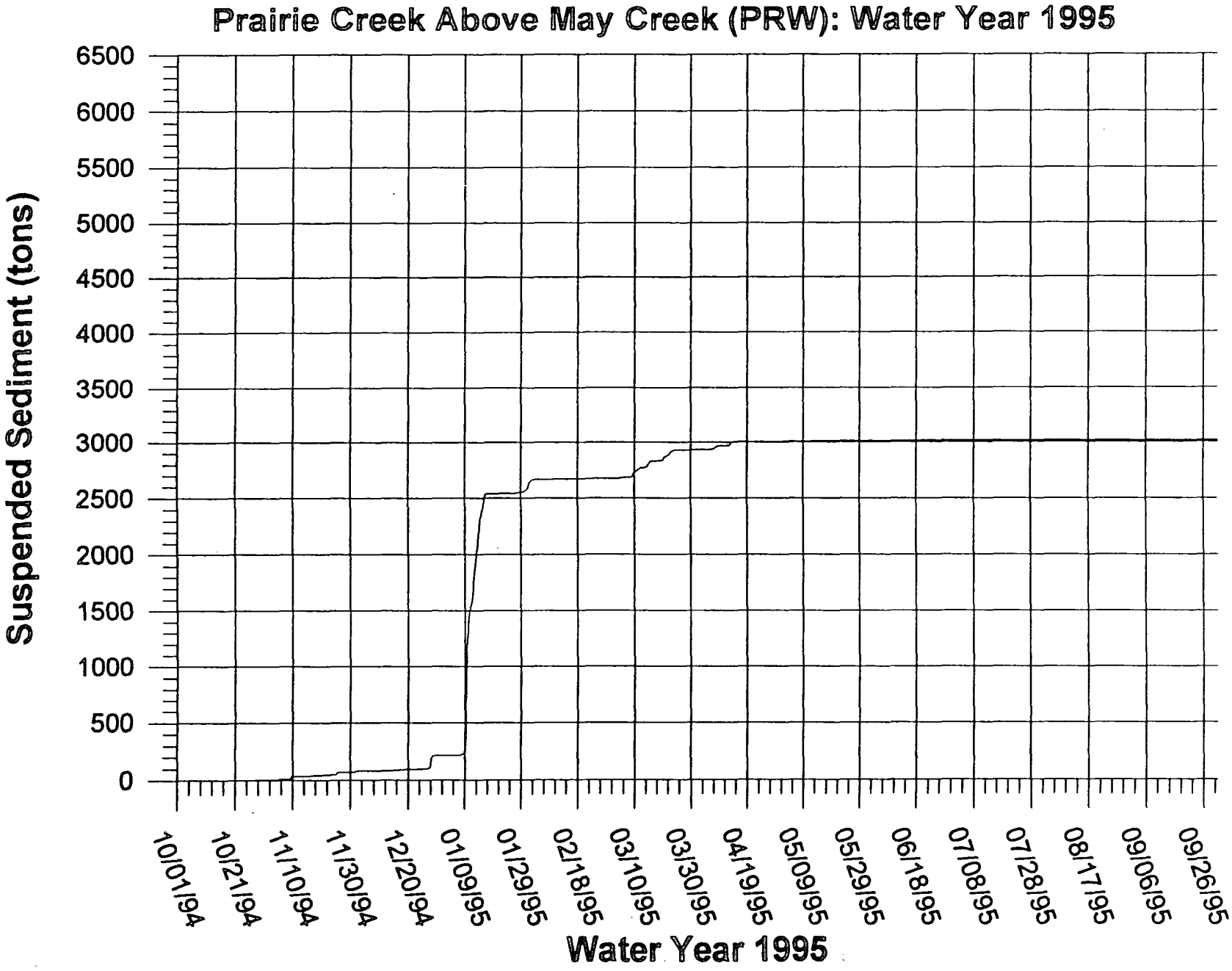

Prairie Creek Above May Creek (PRW): Water Year 1994
Suspended Sediment (tons)
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1994

# Prairie Creek Above May Creek (PRW) WY95: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 2.35 | 9.85 | 0.24* | 21.34 | 0.10* | 0.20* | 3.10 | 0.04* | 0.01* | 0.00* | 0.00* |
| 2 | 0.00* | 0.05* | 1.16 | 0.23* | 3.63 | 0.40 | 0.17* | 0.24 | 0.04* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.04* | 0.18* | 0.21* | 0.54* | 1.34 | 0.13* | 0.13* | 0.03* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 1.81 | 0.18* | 0.20* | 0.52* | 1.01 | 0.10* | 0.12* | 0.03* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 1.09 | 0.17* | 0.19* | 0.51* | 2.07 | 0.19 | 0.11* | 0.03* | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.05* | 0.17* | 0.17* | 0.49* | 1.50 | 3.60 | 0.10* | 0.03* | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.04* | 0.16* | 4.31 | 0.47* | 0.73* | 18.62 | 0.09* | 0.03* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.02* | 0.15* | 12.14 | 0.45* | 2.07 | 11.42 | 0.08* | 0.03* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 25.02 | 0.15* | 1024.32 | 0.44* | 42.01 | 0.77 | 0.07* | 0.03* | 0.00 | 0.00* | 0.00* |
| 10 | 0.00* | 0.06 | 0.14* | 274.22 | 0.42* | 20.74 | 0.26* | 0.06* | 0.39 | 0.00* | 0.00* | 0.00* |
| 11 | 0.00* | 0.05* | 0.13* | 153.03 | 0.40* | 16.17 | 0.22* | 0.05* | 0.06 | 0.00* | 0.00* | 0.00* |
| 12 | 0.00* | 0.04* | 0.79 | 292.34 | 0.39* | 6.08 | 5.79 | 0.58 | 0.03* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.04* | 0.47 | 206.78 | 0.37* | 3.19 | 24.65 | 0.84 | 0.03* | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.03* | 1.05* | 199.47 | 0.35* | 26.54 | 3.31 | 0.06* | 0.84 | 0.00* | 0.00* | 0.00* |
| 15 | 0.00* | 2.57 | 2.15 | 84.85 | 0.33* | 25.84 | 0.31* | 0.06* | 1.73 | 0.00* | 0.00* | 0.00* |
| 16 | 0.00* | 2.99 | 3.15 | 74.44 | 0.32* | 4.29 | 0.29* | 0.05* | 0.13 | 0.00* | 0.00* | 0.00* |
| 17 | 0.00* | 3.45 | 2.27 | 0.52* | 0.30* | 0.37 | 0.28* | 0.05* | 0.12* | 0.00* | 0.00* | 0.00* |
| 18 | 0.00* | 0.34 | 0.98* | 0.47* | 0.28* | 0.33* | 0.26* | 0.05* | 0.34* | 0.00* | 0.00* | 0.00* |
| 19 | 0.00* | 0.06* | 0.50* | 0.42* | 0.27* | 0.60 | 0.25* | 0.05* | 0.35 | 0.00* | 0.00* | 0.00* |
| 20 | 0.00* | 1.24 | 0.22 | 0.37* | 0.25* | 34.74 | 0.24* | 0.05* | 0.05* | 0.00* | 0.00* | 0.00* |
| 21 | 0.00* | 0.11 | 0.17* | 0.33* | 0.23* | 13.78 | 0.22* | 0.05* | 0.05* | 0.00* | 0.00* | 0.00* |
| 22 | 0.00* | 0.05* | 0.13* | 0.28* | 0.21* | 29.91 | 0.21* | 0.05* | 0.04* | 0.00* | 0.00* | 0.00* |
| 23 | 0.00* | 0.06* | 0.12 | 0.23* | 0.20* | 15.50 | 0.19* | 0.05* | 0.03* | 0.00* | 0.00* | 0.00* |
| 24 | 0.00* | 5.53 | 3.54 | 0.18* | 0.18* | 2.69 | 0.18* | 0.05* | 0.03* | 0.00* | 0.00* | 0.00* |
| 25 | 0.00 | 16.47 | 1.43 | 0.13* | 0.16* | 0.45* | 0.16* | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* |
| 26 | 0.01* | 0.32* | 3.70 | 2.35 | 0.15* | 0.41* | 0.15* | 0.04* | 0.02* | 0.00* | 0.00* | 0.00* |
| 27 | 0.83 | 0.26* | 69.32 | 4.07* | 0.13* | 0.38* | 0.13* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* |
| 28 | 1.47 | 0.21* | 36.30 | 3.95* | 0.11* | 0.34* | 0.12* | 0.04* | 0.01 | 0.00* | 0.00* | 0.00* |
| 29 | 0.05* | 0.15* | 4.60 | 3.82 | --- | 0.31* | 0.11* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* |
| 30 | 0.05* | 0.10 | 0.26* | 18.65 | --- | 0.27* | 0.09* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00 |
| 31 | 0.04* | --- | 0.25* | 65.47 | --- | 0.24* | --- | 0.04* | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 2.46 | 64.59 | 143.84 | 2428.38 | 33.45 | 254.38 | 72.61 | 6.42 | 4.58 | 0.03 | 0.00 | 0.00 |
| MEAN | 0.08 | 2.15 | 4.64 | 78.33 | 1.19 | 8.21 | 2.42 | 0.21 | 0.15 | 0.00 | 0.00 | 0.00 |
| MAX | 1.47 | 25.02 | 69.32 | 1024.32 | 21.34 | 42.01 | 24.65 | 3.10 | 1.73 | 0.01 | 0.00 | 0.00 |
| MIN | 0.00 | 0.02 | 0.12 | 0.13 | 0.11 | 0.10 | 0.09 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 8.25 |
| PERIOD TOTAL MAX: | 1024.32 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 3010.74 |

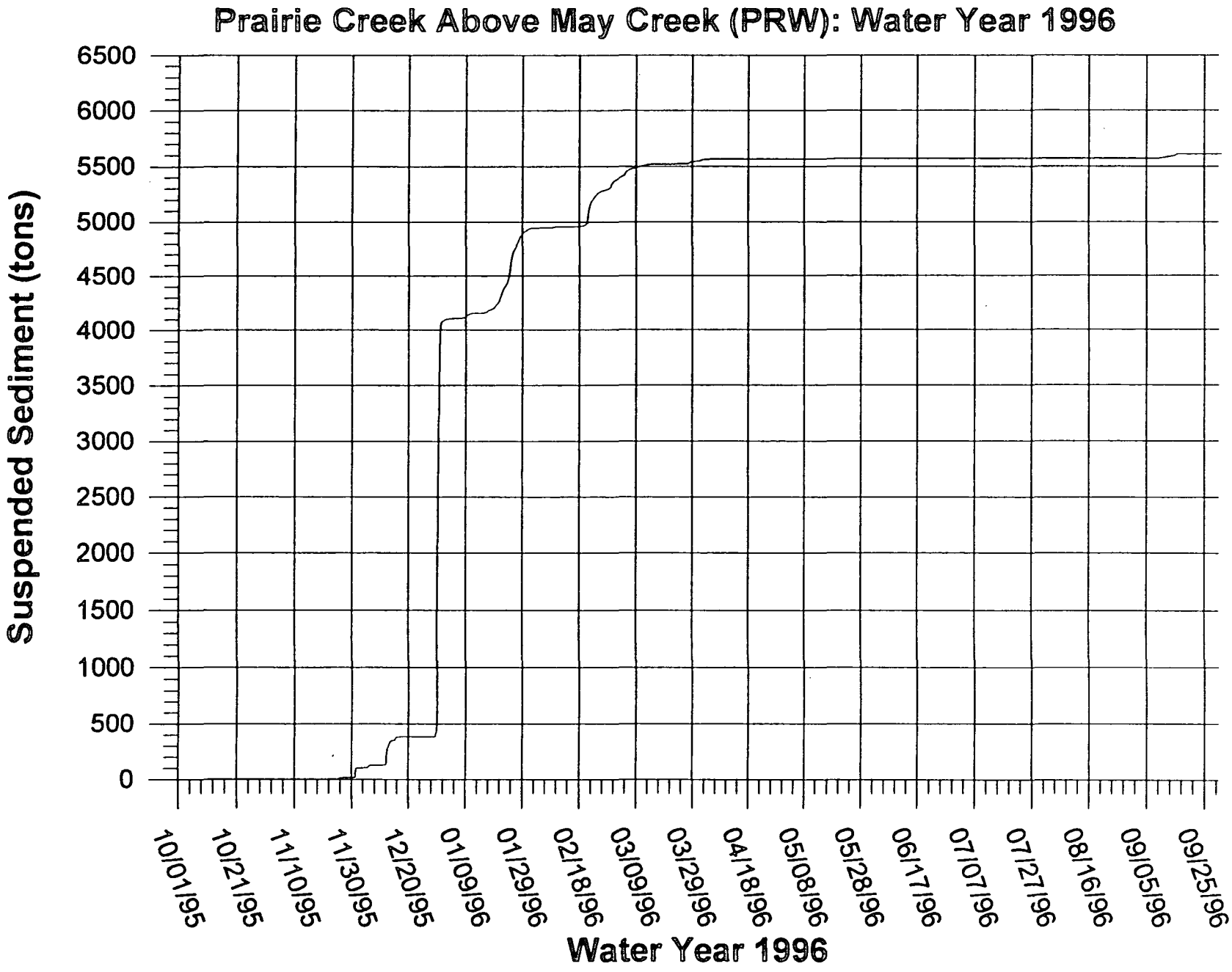

Prairie Creek Above May Creek (PRW): Water Year 1995
Suspended Sediment (tons)
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

# Prairie Creek Above May Creek (PRW) WY96: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00* | 84.61 | 11.36 | 1.00 | 20.41 | 8.17 | 0.06* | 0.02* | 0.00 | 0.00* | 0.02* |
| 2 | 0.00* | 0.00* | 0.21 | 3.64* | 0.18* | 15.96* | 3.00 | 0.05* | 0.02* | 0.00* | 0.00* | 0.02* |
| 3 | 0.00* | 0.00* | 0.13* | 1.67* | 0.82 | 12.54* | 1.49* | 0.05* | 0.02* | 0.00* | 0.00* | 0.02* |
| 4 | 0.00* | 0.00* | 0.14* | 0.42 | 1.25 | 15.26 | 0.68* | 0.05* | 0.01* | 0.00* | 0.00* | 0.02* |
| 5 | 0.00* | 0.00* | 17.81 | 0.15* | 0.17* | 36.76 | 0.17 | 0.05* | 0.01* | 0.00* | 0.00* | 0.02* |
| 6 | 0.00* | 0.02 | 8.13 | 0.11* | 0.16* | 15.41 | 0.10* | 0.05* | 0.01* | 0.00* | 0.00* | 0.02* |
| 7 | 0.00* | 0.30* | 0.68 | 2.39 | 0.15* | 9.34* | 0.10* | 0.05* | 0.01* | 0.00* | 0.00* | 0.01* |
| 8 | 0.00* | 0.92 | 0.13* | 14.16 | 0.78 | 5.05* | 0.10* | 0.05* | 0.01* | 0.00* | 0.00* | 0.04 |
| 9 | 0.00* | 0.39 | 0.15* | 19.15 | 7.04 | 1.98* | 0.10* | 0.04* | 0.01* | 0.00* | 0.00* | 0.86 |
| 10 | 0.01* | 0.02* | 0.17* | 8.85* | 0.40 | 1.43 | 0.09* | 0.04* | 0.01* | 0.00* | 0.00* | 1.76* |
| 11 | 2.25 | 0.02* | 2.06 | 3.87 | 0.15* | 9.99 | 0.09* | 0.04* | 0.01* | 0.00* | 0.00* | 2.78* |
| 12 | 0.02* | 0.02* | 167.42 | 0.22 | 0.15* | 6.52 | 0.09* | 0.04* | 0.01* | 0.00* | 0.00* | 4.00* |
| 13 | 0.02* | 0.02* | 47.55 | 0.18* | 0.15* | 2.62* | 0.09* | 0.04* | 0.01* | 0.00* | 0.00* | 5.41* |
| 14 | 0.01* | 0.02* | 4.37 | 0.16* | 0.15* | 0.38 | 0.09* | 0.04* | 0.01* | 0.00* | 0.00* | 7.01* |
| 15 | 0.00* | 0.03* | 26.82 | 4.71 | 0.14* | 0.15* | 0.08* | 0.04* | 0.01* | 0.00* | 0.00* | 11.02 |
| 16 | 0.00* | 0.03* | 3.99 | 14.87 | 0.14 | 0.15* | 0.08* | 0.03* | 0.01* | 0.00* | 0.00* | 0.63 |
| 17 | 0.00 | 0.03* | 1.24* | 8.94 | 1.45 | 0.14* | 0.08* | 0.03* | 0.01* | 0.00* | 0.00* | 0.01* |
| 18 | 0.00* | 0.03* | 0.18 | 11.60 | 2.70 | 0.13* | 0.08* | 0.03* | 0.01* | 0.00* | 0.00* | 0.01* |
| 19 | 0.00* | 0.03* | 0.17* | 26.53* | 9.15 | 0.13* | 0.08* | 0.03* | 0.00* | 0.00* | 0.00* | 0.01* |
| 20 | 0.00* | 0.03* | 0.16* | 47.38 | 54.68 | 0.12* | 0.08* | 0.03* | 0.00* | 0.00* | 0.00* | 0.01* |
| 21 | 0.00* | 0.04* | 0.15* | 79.59 | 141.40 | 0.11* | 0.07* | 0.03* | 0.00* | 0.00* | 0.00* | 0.01* |
| 22 | 0.00* | 0.04* | 0.14* | 41.06 | 40.72 | 0.51 | 0.07* | 0.03* | 0.00* | 0.00* | 0.00* | 0.01* |
| 23 | 0.00* | 0.04* | 0.13* | 65.56 | 31.13 | 0.90* | 0.07* | 0.03* | 0.00* | 0.00* | 0.00* | 0.01* |
| 24 | 0.00* | 0.04* | 0.12* | 164.86 | 24.63 | 0.18 | 0.07* | 0.03* | 0.00* | 0.00* | 0.00* | 0.01* |
| 25 | 0.00* | 9.30 | 0.11* | 106.88 | 10.63 | 0.34* | 0.07* | 0.02* | 0.00* | 0.00* | 0.00* | 0.01* |
| 26 | 0.00* | 1.07 | 0.10* | 40.50 | 10.25* | 0.67* | 0.06* | 0.02* | 0.00* | 0.00* | 0.00 | 0.00* |
| 27 | 0.00* | 0.05* | 0.09* | 72.05 | 11.83 | 7.81 | 0.06* | 0.02* | 0.00* | 0.00* | 0.01* | 0.00* |
| 28 | 0.00* | 0.06* | 0.16 | 43.78 | 10.20 | 9.09 | 0.06* | 0.02* | 0.00* | 0.00* | 0.02 | 0.00* |
| 29 | 0.00* | 0.07* | 698.59 | 24.38 | 51.54 | 3.17* | 0.06* | 0.02* | 0.00* | 0.00* | 0.02* | 0.00* |
| 30 | 0.00* | 0.07* | 2921.76 | 15.05* | --- | 0.69 | 0.06* | 0.02* | 0.00* | 0.00* | 0.02* | 0.00 |
| 31 | 0.00* | --- | 81.95 | 7.37 | --- | 5.59 | --- | 0.02* | --- | 0.00* | 0.02* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 2.35 | 12.69 | 4069.44 | 841.43 | 413.17 | 183.54 | 15.50 | 1.11 | 0.23 | 0.02 | 0.10 | 33.72 |
| MEAN | 0.08 | 0.42 | 131.27 | 27.14 | 14.25 | 5.92 | 0.52 | 0.04 | 0.01 | 0.00 | 0.00 | 1.12 |
| MAX | 2.25 | 9.30 | 2921.76 | 164.86 | 141.40 | 36.76 | 8.17 | 0.06 | 0.02 | 0.00 | 0.02 | 11.02 |
| MIN | 0.00 | 0.00 | 0.09 | 0.11 | 0.14 | 0.11 | 0.06 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 15.23 |
| PERIOD TOTAL MAX: | 2921.76 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 5573.29 |

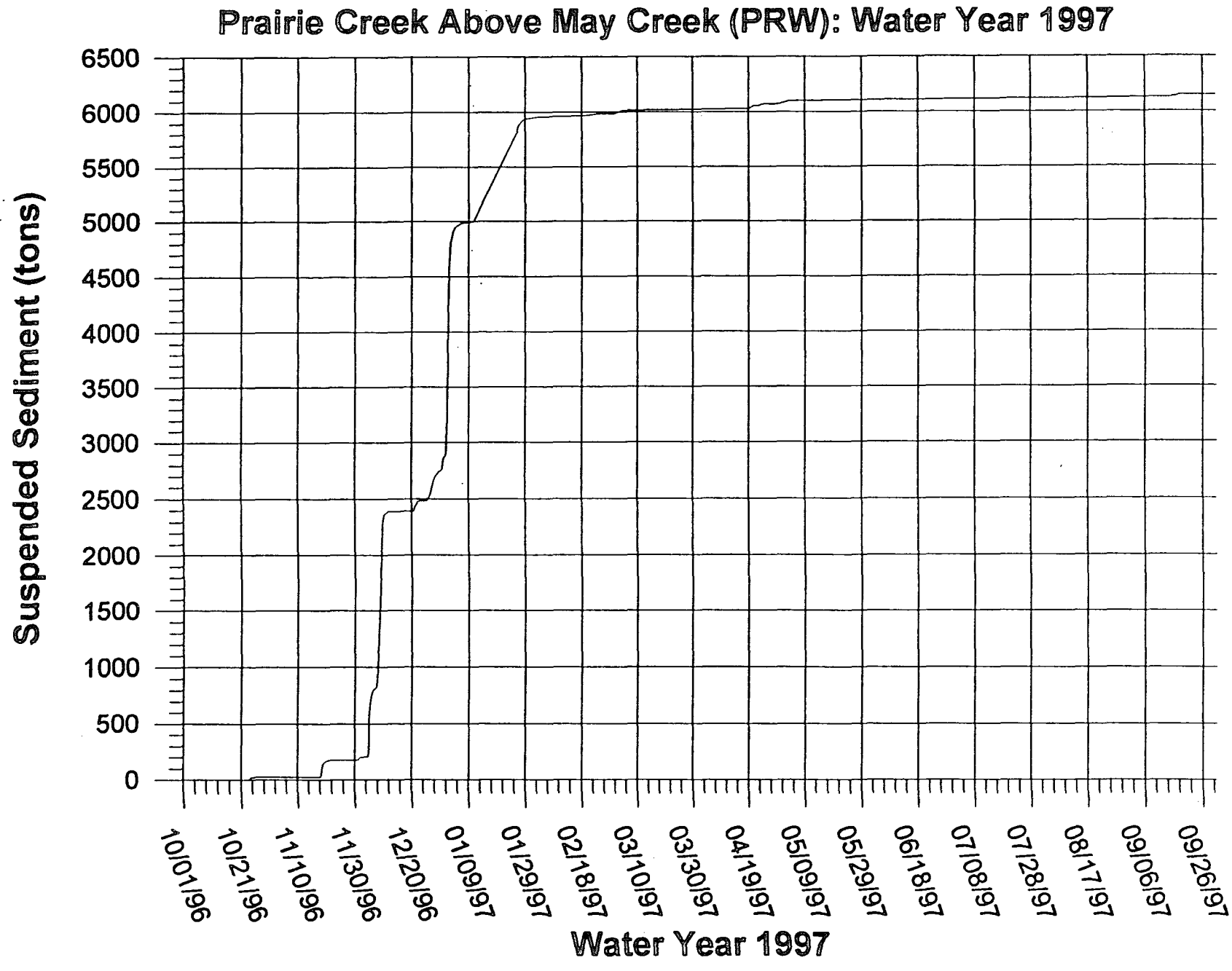

Prairie Creek Above May Creek (PRW): Water Year 1996
Suspended Sediment (tons)
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
10/01/95
10/21/95
11/10/95
11/30/95
12/20/95
01/09/96
01/29/96
02/18/96
03/09/96
03/29/96
04/18/96
05/08/96
05/28/96
06/17/96
07/07/96
07/27/96
08/16/96
09/05/96
09/25/96
Water Year 1996

# Prairie Creek Above May Creek (PRW) WY97: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.05* | 20.87 | 1577.51 | 2.19* | 1.03 | 0.22* | 4.77 | 0.22* | 0.12* | 0.05* | 0.01* |
| 2 | 0.00* | 0.04* | 2.35 | 387.07 | 1.18* | 11.96 | 0.22* | 10.69* | 0.22* | 0.12* | 0.05* | 0.01* |
| 3 | 0.00* | 0.04* | 4.11 | 63.83 | 0.56 | 8.33* | 0.21* | 4.81 | 0.21* | 0.11* | 0.04* | 0.01* |
| 4 | 0.00* | 0.04* | 302.08 | 25.43 | 0.53* | 5.04 | 0.21* | 1.02 | 0.21* | 0.11* | 0.04* | 0.01* |
| 5 | 0.00* | 0.04* | 264.95 | 12.53* | 0.51* | 3.28* | 0.20* | 0.34* | 0.21* | 0.11* | 0.04* | 0.01* |
| 6 | 0.00* | 0.04* | 42.00 | 6.74 | 0.49* | 2.12* | 0.20* | 0.33* | 0.20* | 0.11* | 0.04* | 0.00* |
| 7 | 0.00* | 0.04* | 154.72 | 4.45* | 0.47* | 1.12* | 0.19* | 0.33* | 0.20* | 0.10* | 0.04* | 0.00* |
| 8 | 0.00* | 0.04* | 755.28 | 3.05* | 0.45* | 0.38 | 0.19* | 0.32* | 0.19* | 0.10* | 0.04* | 0.00* |
| 9 | 0.00* | 0.04* | 599.20 | 1.80* | 0.43* | 0.30* | 0.18* | 0.32* | 0.19* | 0.10* | 0.03* | 0.00* |
| 10 | 0.01* | 0.03* | 54.93 | 0.88 | 0.42* | 0.29* | 0.18* | 0.31* | 0.19* | 0.10* | 0.03* | 0.00* |
| 11 | 0.01* | 0.03* | 5.27 | 3.63* | 0.40* | 0.29* | 0.18* | 0.31* | 0.18* | 0.09* | 0.03* | 0.00 |
| 12 | 0.01* | 0.03* | 0.50* | 7.95* | 0.38* | 0.28* | 0.17* | 0.30* | 0.18* | 0.09* | 0.03* | 0.02* |
| 13 | 0.01* | 0.03* | 0.46* | 12.68* | 0.36* | 0.28* | 0.17* | 0.30* | 0.18* | 0.09* | 0.03* | 0.09 |
| 14 | 0.01* | 0.03* | 0.43* | 17.80* | 0.34* | 0.27* | 0.16* | 0.29* | 0.17* | 0.09* | 0.03* | 1.33 |
| 15 | 0.01* | 0.03* | 0.39* | 23.34* | 0.32* | 0.27* | 0.16* | 0.29* | 0.17* | 0.08* | 0.03* | 8.34 |
| 16 | 0.01* | 0.03* | 0.35* | 29.27* | 0.31* | 0.97 | 0.15* | 0.29* | 0.17* | 0.08* | 0.03* | 0.37 |
| 17 | 0.01* | 0.04 | 0.31* | 35.61* | 0.29* | 0.57 | 0.15* | 0.28* | 0.16* | 0.08* | 0.02* | 13.46 |
| 18 | 0.52 | 112.00 | 0.27* | 42.35* | 1.05 | 0.28* | 2.42 | 0.28* | 0.16* | 0.08* | 0.02* | 0.52 |
| 19 | 0.02* | 29.34 | 0.23* | 49.49* | 5.95 | 0.28* | 4.35 | 0.27* | 0.16* | 0.07* | 0.02* | 0.09* |
| 20 | 0.02* | 5.83 | 34.18 | 57.04* | 4.60* | 0.27* | 16.41 | 0.27* | 0.15* | 0.07* | 0.02* | 0.09* |
| 21 | 0.02* | 0.25 | 45.40 | 64.99* | 3.10* | 0.27* | 0.26* | 0.26* | 0.15* | 0.07* | 0.02* | 0.08* |
| 22 | 0.11 | 0.13* | 10.87 | 73.34* | 1.81* | 0.26* | 7.18 | 0.26* | 0.15* | 0.07* | 0.02* | 0.08* |
| 23 | 0.39 | 0.10* | 0.52 | 82.10* | 0.75* | 0.26* | 9.12 | 0.26* | 0.14* | 0.07* | 0.02* | 0.08* |
| 24 | 17.67 | 1.21 | 0.38* | 91.26* | 0.27 | 0.25* | 0.93 | 0.25* | 0.14* | 0.06* | 0.02* | 0.07* |
| 25 | 4.50 | 0.41 | 13.49 | 100.82* | 0.27* | 0.25* | 0.36* | 0.25* | 0.14* | 0.06* | 0.01* | 0.07* |
| 26 | 0.05 | 0.08* | 93.30 | 83.20 | 0.27* | 0.25* | 0.33* | 0.24* | 0.13* | 0.06* | 0.01* | 0.07* |
| 27 | 0.05* | 0.08* | 84.15 | 25.64 | 0.26* | 0.24* | 0.29* | 0.24* | 0.13* | 0.06* | 0.01* | 0.06* |
| 28 | 0.05* | 0.08* | 39.55 | 22.44 | 0.26* | 0.24* | 0.41 | 0.24* | 0.13* | 0.06* | 0.01* | 0.06* |
| 29 | 0.05* | 0.08* | 26.13 | 5.71* | --- | 0.23* | 1.77 | 0.23* | 0.13* | 0.05* | 0.01* | 0.06* |
| 30 | 0.05* | 1.86 | 88.87 | 4.46* | --- | 0.23* | 8.26 | 0.23* | 0.12* | 0.05* | 0.01* | 0.03 |
| 31 | 0.05* | --- | 67.20 | 3.28* | --- | 0.22* | --- | 0.22* | --- | 0.05* | 0.01* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 23.64 | 152.07 | 2712.73 | 2919.69 | 28.20 | 40.31 | 55.23 | 28.81 | 5.09 | 2.57 | 0.82 | 25.02 |
| MEAN | 0.76 | 5.07 | 87.51 | 94.18 | 1.01 | 1.30 | 1.84 | 0.93 | 0.17 | 0.08 | 0.03 | 0.83 |
| MAX | 17.67 | 112.00 | 755.28 | 1577.51 | 5.95 | 11.96 | 16.41 | 10.69 | 0.22 | 0.12 | 0.05 | 13.46 |
| MIN | 0.00 | 0.03 | 0.23 | 0.88 | 0.26 | 0.22 | 0.15 | 0.22 | 0.12 | 0.05 | 0.01 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 16.42 |
| PERIOD TOTAL MAX: | 1577.51 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 5994.16 |

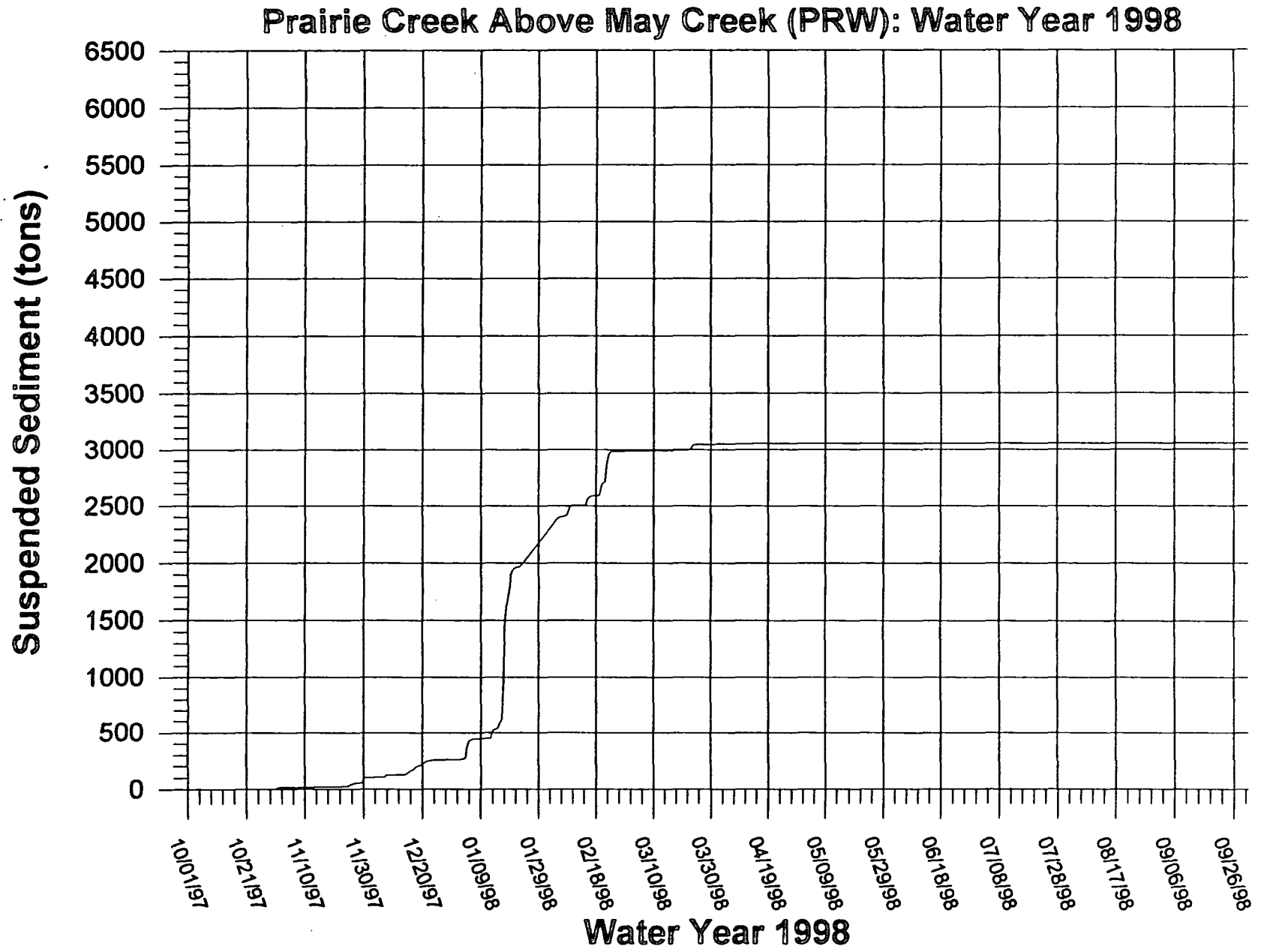

Prairie Creek Above May Creek (PRW): Water Year 1997
Suspended Sediment (tons)
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
10/01/96
10/21/96
11/10/96
11/30/96
12/20/96
01/09/97
01/29/97
02/18/97
03/10/97
03/30/97
04/19/97
05/09/97
05/29/97
06/18/97
07/08/97
07/28/97
08/17/97
09/06/97
09/26/97
Water Year 1997

# Prairie Creek Above May Creek (PRW) WY98: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.31 | 0.49* | 0.53 | 49.59* | 0.64* | 0.30* | 0.01* | 0.00* | 0.00 | 0.00 | 0.00* |
| 2 | 0.00* | 0.15* | 0.44* | 6.69 | 54.35* | 0.62* | 0.27* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 3 | 0.01* | 0.14* | 0.39* | 72.53 | 59.08* | 0.61* | 0.25* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 4 | 0.01* | 0.14* | 0.34* | 86.22 | 48.94 | 0.59* | 0.23* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 5 | 0.01* | 0.13* | 0.29* | 15.98* | 5.69 | 0.57* | 0.20* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 6 | 0.01* | 1.32 | 0.25* | 1.58 | 2.00* | 0.55* | 0.18* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 7 | 0.01* | 1.42 | 19.02 | 0.49* | 16.49 | 0.53* | 0.17* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 8 | 0.01* | 0.15* | 0.34* | 0.49* | 67.34 | 0.51* | 0.15* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 9 | 0.02* | 0.15* | 0.32* | 0.48* | 8.95 | 0.49* | 0.13* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 10 | 0.02* | 0.15* | 0.30* | 0.47* | 0.57* | 0.47* | 0.11* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 11 | 0.02* | 0.15* | 0.28* | 0.46* | 0.55* | 0.46* | 0.10* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 12 | 0.02* | 0.14* | 0.25* | 65.64 | 0.53* | 0.44* | 0.09* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 13 | 0.03* | 0.14* | 0.23* | 18.04 | 0.51* | 0.42* | 0.07* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | 0.03* | 0.14* | 18.72 | 24.20 | 43.42 | 0.40* | 0.06* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | 0.03* | 0.14* | 17.62* | 51.50 | 34.12 | 0.38* | 0.05* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | 0.03* | 0.14* | 7.31 | 606.46 | 6.33* | 0.36* | 0.04* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.03* | 0.14* | 28.01 | 432.10 | 0.50 | 0.34* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.04* | 0.14* | 9.75 | 176.74 | 0.46* | 0.32* | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.04* | 2.36 | 2.73 | 115.75 | 95.62 | 0.31* | 0.02* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.04* | 0.96 | 21.37 | 23.34 | 19.00 | 0.29* | 0.01 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.04* | 0.19 | 13.20 | 3.78 | 206.42 | 0.31 | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.05* | 0.19* | 6.01* | 0.97 | 64.47 | 7.43 | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.05* | 0.26 | 2.01* | 5.20* | 1.77 | 36.77 | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.05* | 8.43 | 0.29 | 10.27* | 0.74* | 8.48 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.05* | 9.39 | 0.28* | 15.30* | 0.72* | 0.59 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.06* | 11.46 | 0.27* | 20.30* | 0.70* | 0.46* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.06* | 1.61 | 0.26* | 25.26* | 0.68* | 0.43* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.06* | 0.37* | 0.25* | 30.19* | 0.66* | 0.40* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 29 | 0.07* | 43.84 | 0.24* | 35.09* | --- | 0.37* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.67 | 3.55 | 0.23* | 39.96* | --- | 0.35* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 12.22 | --- | 0.22* | 44.79* | --- | 0.32* | --- | 0.00* | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 13.80 | 87.81 | 151.72 | 1930.80 | 790.18 | 65.21 | 2.58 | 0.20 | 0.06 | 0.01 | 0.00 | 0.00 |
| MEAN | 0.45 | 2.93 | 4.89 | 62.28 | 28.22 | 2.10 | 0.09 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 12.22 | 43.84 | 28.01 | 606.46 | 206.42 | 36.77 | 0.30 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.13 | 0.22 | 0.46 | 0.46 | 0.29 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 8.34 |
| PERIOD TOTAL MAX: | 606.46 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 3042.37 |

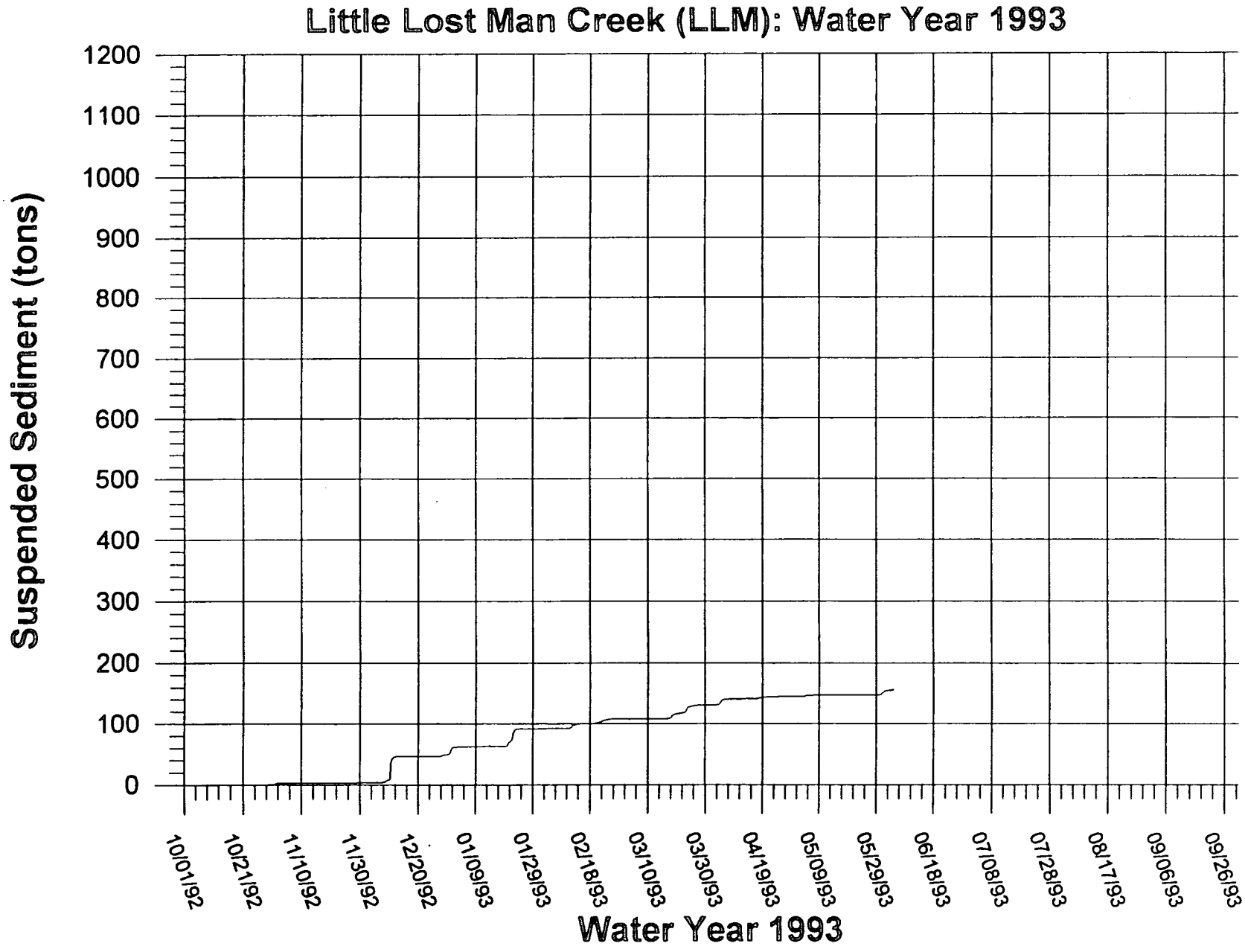

Prairie Creek Above May Creek (PRW): Water Year 1998
Suspended Sediment (tons)
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
10/01/97
10/21/97
11/10/97
11/30/97
12/20/97
01/09/98
01/29/98
02/18/98
03/10/98
03/30/98
04/19/98
05/09/98
05/29/98
06/18/98
07/08/98
07/28/98
08/17/98
09/06/98
09/26/98
Water Year 1998

# Little Lost Man Creek (LLM) WY93: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.95 | 0.02* | 1.54 | 0.04* | 0.04* | 0.36 | 0.03* | 1.10 | 0.03* | 0.01* | 0.00* |
| 2 | 0.00* | 0.02* | 0.02* | 0.26* | 0.04* | 0.04* | 0.14 | 0.02* | 0.43 | 0.03* | 0.01* | 0.00* |
| 3 | 0.00* | 0.02* | 0.02* | 0.09 | 0.03* | 0.04* | 1.79 | 0.61 | 0.18* | 0.03* | 0.01* | 0.00* |
| 4 | 0.00* | 0.02* | 0.01* | 0.05* | 0.03* | 0.04* | 6.24 | 0.89 | 0.06 | 0.03* | 0.01* | 0.00* |
| 5 | 0.00* | 0.02* | 0.01* | 0.05* | 0.03* | 0.04* | 1.44 | 0.30 | 0.05* | 0.03* | 0.01* | 0.00* |
| 6 | 0.00* | 0.02* | 0.05 | 0.05* | 0.02* | 0.04* | 0.43* | 0.13 | 0.05* | 0.03* | 0.01* | 0.00* |
| 7 | 0.00* | 0.02* | 0.88 | 0.05* | 0.02* | 0.04* | 0.18* | 0.06* | 0.05* | 0.03* | 0.01* | 0.00* |
| 8 | 0.00* | 0.02* | 2.03 | 0.05* | 0.02* | 0.04* | 0.05 | 0.04 | 0.05* | 0.03* | 0.01* | 0.00* |
| 9 | 0.00* | 0.02* | 1.63 | 0.05* | 0.02* | 0.03* | 0.05* | 0.03* | 0.05* | 0.03* | 0.01* | 0.00* |
| 10 | 0.00* | 0.02* | 34.19 | 0.05* | 0.23 | 0.03* | 0.04* | 0.03* | 0.05* | 0.03* | 0.01* | 0.00* |
| 11 | 0.00* | 0.01* | 3.53 | 0.05* | 4.49 | 0.03* | 0.04* | 0.03* | 0.05* | 0.03* | 0.01* | 0.00* |
| 12 | 0.00* | 0.01* | 0.21 | 0.05* | 1.16 | 0.03* | 0.04* | 0.03* | 0.05* | 0.02* | 0.01* | 0.00* |
| 13 | 0.00* | 0.01* | 0.08* | 0.05* | 1.24 | 0.03* | 0.04* | 0.03* | 0.05* | 0.02* | 0.01* | 0.00* |
| 14 | 0.00* | 0.01* | 0.05 | 0.05* | 0.42 | 0.03 | 0.03* | 0.03* | 0.05* | 0.02* | 0.01* | 0.00* |
| 15 | 0.00* | 0.01* | 0.04* | 0.05* | 0.08 | 0.12 | 0.03* | 0.03* | 0.04* | 0.02* | 0.01* | 0.00* |
| 16 | 0.00* | 0.01* | 0.04* | 0.05* | 0.04* | 0.18 | 0.03 | 0.03* | 0.04* | 0.02* | 0.01* | 0.00* |
| 17 | 0.00* | 0.01* | 0.04* | 0.05* | 0.03* | 1.63 | 0.86 | 0.03* | 0.04* | 0.02* | 0.01* | 0.00* |
| 18 | 0.00* | 0.01* | 0.04* | 0.05* | 0.03* | 4.82 | 1.47 | 0.03* | 0.04* | 0.02* | 0.01* | 0.00* |
| 19 | 0.00* | 0.01* | 0.03* | 0.05 | 1.31 | 1.63 | 0.42 | 0.03* | 0.04* | 0.02* | 0.01* | 0.00* |
| 20 | 0.00* | 0.10 | 0.03* | 7.10 | 0.82 | 0.77* | 0.13 | 0.03* | 0.04* | 0.02* | 0.01* | 0.00* |
| 21 | 0.00* | 0.15 | 0.03* | 7.56 | 1.72 | 0.32* | 0.05* | 0.03* | 0.04* | 0.02* | 0.01* | 0.00* |
| 22 | 0.00* | 0.02* | 0.03* | 12.50 | 1.95 | 0.34 | 0.04* | 0.03* | 0.04* | 0.02* | 0.01* | 0.00* |
| 23 | 0.00* | 0.02* | 0.03* | 1.45 | 1.02 | 8.55 | 0.27 | 0.03* | 0.04* | 0.02* | 0.01* | 0.00* |
| 24 | 0.00* | 0.02* | 0.02* | 0.11* | 0.52 | 1.89 | 0.27* | 0.03* | 0.04* | 0.02* | 0.01* | 0.00* |
| 25 | 0.00* | 0.02* | 0.02* | 0.07* | 0.15 | 0.78* | 0.19 | 0.03* | 0.04* | 0.02* | 0.01* | 0.00* |
| 26 | 0.00* | 0.02* | 0.02* | 0.05 | 0.07 | 0.16 | 0.10* | 0.02* | 0.04* | 0.02* | 0.00* | 0.00* |
| 27 | 0.00* | 0.02* | 0.05 | 0.05* | 0.05* | 0.05 | 0.04 | 0.02* | 0.04* | 0.02* | 0.00* | 0.00* |
| 28 | 0.02 | 0.02* | 1.97 | 0.05* | 0.04* | 0.04* | 0.04* | 0.02* | 0.03* | 0.02* | 0.00* | 0.00* |
| 29 | 0.48 | 0.02* | 0.52 | 0.05* | --- | 0.04* | 0.03* | 0.02 | 0.03* | 0.02* | 0.00* | 0.00* |
| 30 | 0.17 | 0.02* | 2.45 | 0.04* | --- | 0.03* | 0.03* | 1.95 | 0.03* | 0.02* | 0.00* | 0.00 |
| 31 | 1.00 | --- | 8.58 | 0.04* | --- | 0.03* | --- | 4.44 | --- | 0.01* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 1.68 | 1.66 | 56.67 | 31.76 | 15.61 | 21.89 | 14.88 | 9.06 | 2.88 | 0.71 | 0.26 | 0.03 |
| MEAN | 0.05 | 0.06 | 1.83 | 1.02 | 0.56 | 0.71 | 0.50 | 0.29 | 0.10 | 0.02 | 0.01 | 0.00 |
| MAX | 1.00 | 0.95 | 34.19 | 12.50 | 4.49 | 8.55 | 6.24 | 4.44 | 1.10 | 0.03 | 0.01 | 0.00 |
| MIN | 0.00 | 0.01 | 0.01 | 0.04 | 0.02 | 0.03 | 0.03 | 0.02 | 0.03 | 0.01 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.43 |
| PERIOD TOTAL MAX: | 34.19 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 157.09 |

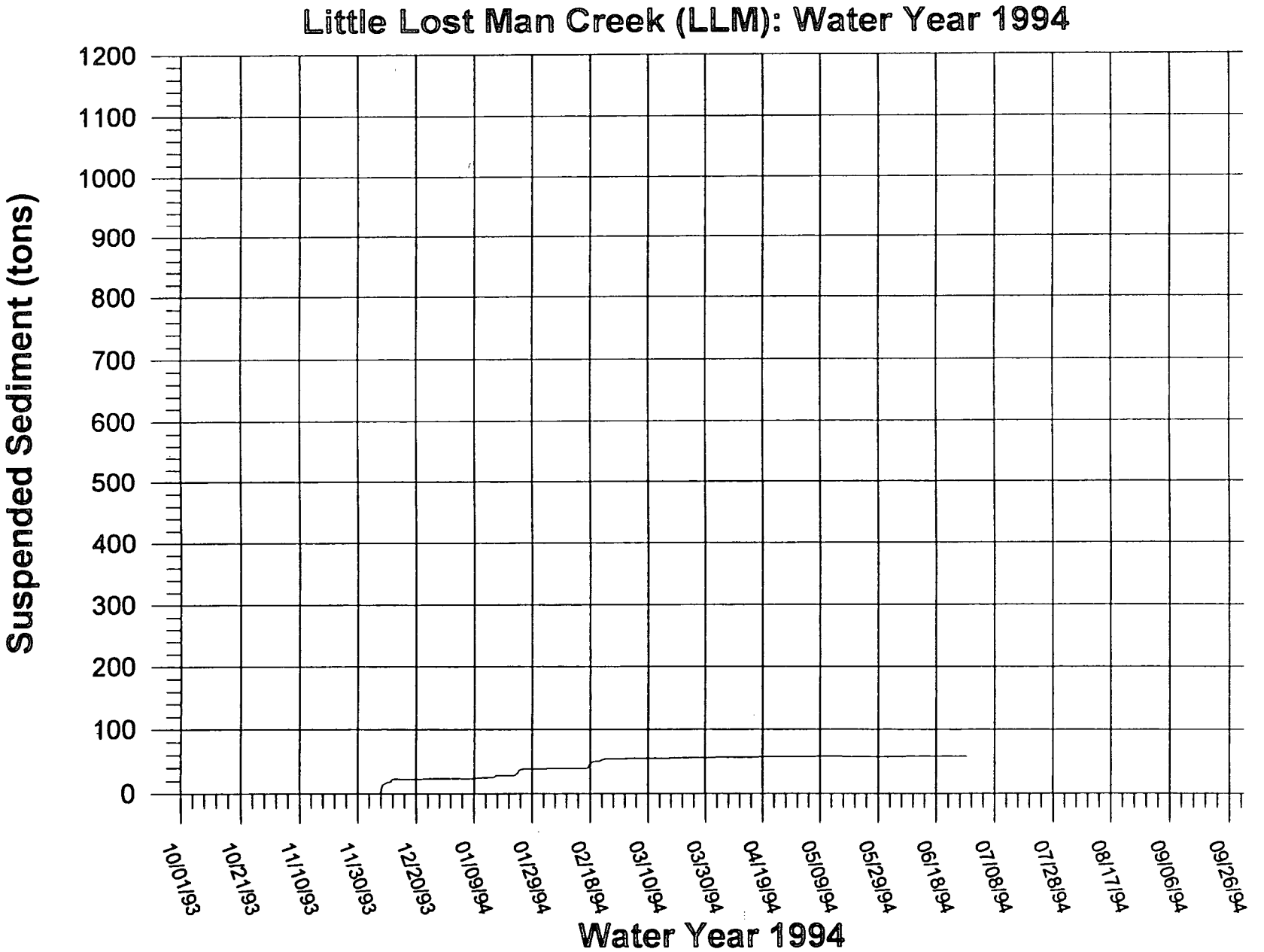

Little Lost Man Creek (LLM): Water Year 1993
Suspended Sediment (tons)
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/92
10/21/92
11/10/92
11/30/92
12/20/92
01/09/93
01/29/93
02/18/93
03/10/93
03/30/93
04/19/93
05/09/93
05/29/93
06/18/93
07/08/93
07/28/93
08/17/93
09/06/93
09/26/93
Water Year 1993

# Little Lost Man Creek (LLM) WY94: Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00* | 0.05 | 0.04 | 0.04* | 0.08* | 0.04* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 2 | 0.00* | 0.00* | 0.05 | 0.01 | 0.03* | 0.08* | 0.04* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 3 | 0.00* | 0.00* | 0.01 | 0.01* | 0.03* | 0.08* | 0.04* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 4 | 0.00* | 0.00* | 0.01* | 0.01 | 0.03* | 0.08* | 0.04* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 5 | 0.00* | 0.00* | 0.01* | 0.01* | 0.03* | 0.08* | 0.04* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 6 | 0.00* | 0.00* | 0.01* | 0.01 | 0.02* | 0.07* | 0.04* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 7 | 0.00* | 0.00* | 2.83 | 0.01* | 0.02* | 0.07* | 0.04* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 8 | 0.00* | 0.00* | 12.42 | 0.28 | 0.02* | 0.07* | 0.04* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 9 | 0.00* | 0.00* | 1.36* | 0.30 | 0.01* | 0.07* | 0.03* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 10 | 0.00* | 0.00* | 0.10 | 0.03 | 0.60 | 0.07* | 0.03* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 11 | 0.00* | 0.00* | 4.87 | 0.23 | 0.15 | 0.07* | 0.03* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 12 | 0.00* | 0.00* | 0.51 | 0.09 | 0.02* | 0.07* | 0.03* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* |
| 13 | 0.00* | 0.00* | 0.07 | 0.02* | 0.02* | 0.07* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 14 | 0.00* | 0.00* | 0.06* | 0.12 | 0.02* | 0.06* | 0.03* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 15 | 0.00* | 0.00* | 0.06* | 1.10 | 0.02* | 0.06* | 0.03* | 0.06 | 0.00* | 0.00* | 0.00* | 0.00* |
| 16 | 0.00* | 0.00* | 0.05* | 2.32 | 0.09 | 0.06* | 0.03* | 0.09 | 0.00* | 0.00* | 0.00* | 0.00* |
| 17 | 0.00* | 0.00* | 0.05* | 0.03* | 6.92 | 0.06* | 0.02* | 0.03 | 0.00* | 0.00* | 0.00* | 0.00* |
| 18 | 0.00* | 0.00* | 0.05* | 0.03* | 2.76 | 0.06* | 0.02* | 0.03* | 0.00* | 0.00* | 0.00* | 0.00* |
| 19 | 0.00* | 0.00* | 0.04* | 0.02* | 0.55 | 0.06* | 0.02* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 20 | 0.00* | 0.00* | 0.04* | 0.02* | 0.19 | 0.06* | 0.02* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 21 | 0.00* | 0.00* | 0.04* | 0.01* | 2.08 | 0.06* | 0.02* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 22 | 0.00* | 0.00 | 0.04* | 0.10 | 1.30 | 0.06* | 0.02* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 23 | 0.00* | 0.00* | 0.03* | 3.28 | 0.18 | 0.05* | 0.02* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 24 | 0.00* | 0.00* | 0.03* | 5.42 | 0.09* | 0.05* | 0.02* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 25 | 0.00* | 0.00* | 0.03* | 0.90 | 0.09* | 0.05* | 0.23 | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 26 | 0.00* | 0.00* | 0.03* | 0.12 | 0.08* | 0.05* | 0.13 | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 27 | 0.00* | 0.00* | 0.02* | 0.05* | 0.08* | 0.05* | 0.06* | 0.02* | 0.00* | 0.00* | 0.00* | 0.00* |
| 28 | 0.00* | 0.00* | 0.02* | 0.05* | 0.08* | 0.05* | 0.05 | 0.02* | 0.00 | 0.00* | 0.00* | 0.00* |
| 29 | 0.00* | 0.00 | 0.02* | 0.05* | --- | 0.05* | 0.02 | 0.01* | 0.00* | 0.00* | 0.00* | 0.00* |
| 30 | 0.00* | 0.01 | 0.01* | 0.04* | --- | 0.05* | 0.01* | 0.01* | 0.00* | 0.00* | 0.00* | 0.00 |
| 31 | 0.00* | --- | 0.01* | 0.04* | --- | 0.04* | --- | 0.01* | --- | 0.00* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.03 | 0.06 | 22.92 | 14.71 | 15.55 | 1.94 | 1.22 | 0.61 | 0.13 | 0.00 | 0.00 | 0.00 |
| MEAN | 0.00 | 0.00 | 0.74 | 0.47 | 0.56 | 0.06 | 0.04 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 0.00 | 0.01 | 12.42 | 5.42 | 6.92 | 0.08 | 0.23 | 0.09 | 0.01 | 0.00 | 0.00 | 0.00 |
| MIN | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.04 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 0.16 |
| PERIOD TOTAL MAX: | 12.42 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 57.16 |

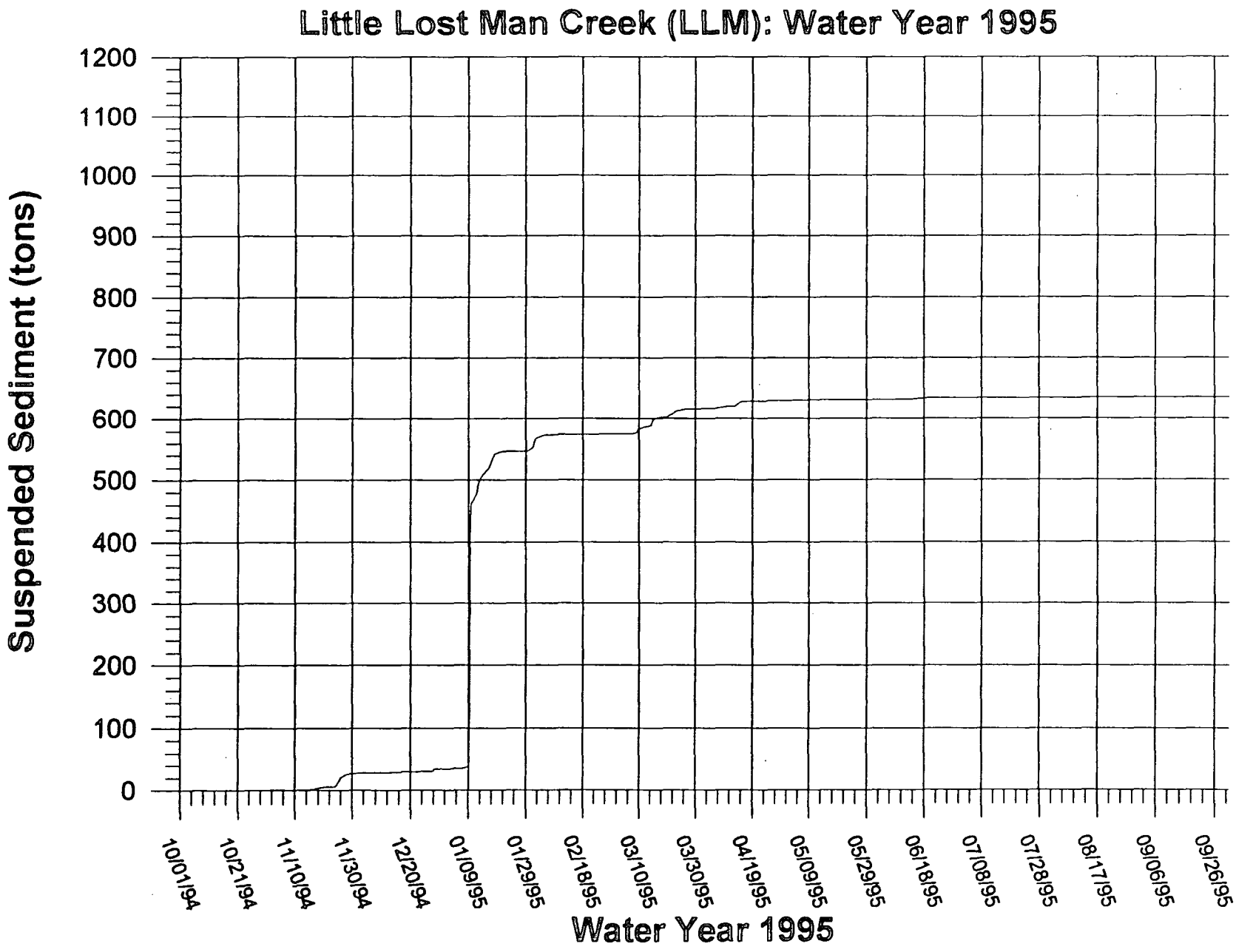

Little Lost Man Creek (LLM): Water Year 1994
Suspended Sediment (tons)
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/93
10/21/93
11/10/93
11/30/93
12/20/93
01/09/94
01/29/94
02/18/94
03/10/94
03/30/94
04/19/94
05/09/94
05/29/94
06/18/94
07/08/94
07/28/94
08/17/94
09/06/94
09/26/94
Water Year 1994

# Little Lost Man Creek (LLM) WY95: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.12 | 0.83 | 0.04* | 4.76 | 0.02* | 0.04* | 0.30 | 0.01* | 0.01* | 0.01* | 0.00* |
| 2 | 0.00* | 0.00 | 0.24 | 0.04* | 2.20* | 0.02* | 0.04* | 0.62 | 0.01* | 0.01* | 0.01* | 0.00* |
| 3 | 0.00* | 0.00* | 0.07 | 0.04* | 0.97* | 0.02* | 0.03* | 0.26 | 0.01* | 0.01* | 0.01* | 0.00* |
| 4 | 0.00* | 0.03 | 0.04 | 0.04* | 0.22 | 0.03* | 0.03* | 0.09* | 0.01* | 0.01* | 0.01* | 0.00* |
| 5 | 0.00* | 0.03 | 0.03* | 0.04* | 0.05* | 0.03* | 0.03* | 0.03 | 0.01* | 0.01* | 0.01* | 0.00* |
| 6 | 0.00* | 0.00* | 0.03* | 0.14 | 0.05* | 0.03* | 0.23 | 0.03* | 0.01* | 0.01* | 0.01* | 0.00* |
| 7 | 0.00* | 0.00* | 0.03* | 1.55 | 0.04* | 0.33 | 0.72 | 0.03* | 0.01 | 0.01* | 0.01* | 0.00* |
| 8 | 0.00* | 0.00* | 0.03* | 2.48 | 0.04* | 2.01 | 1.03 | 0.03* | 0.04 | 0.01* | 0.01* | 0.00* |
| 9 | 0.00* | 0.50 | 0.03* | 421.50 | 0.03* | 6.14 | 0.49* | 0.02* | 0.04* | 0.01* | 0.01* | 0.00* |
| 10 | 0.00* | 0.03 | 0.03* | 10.50 | 0.03* | 1.39 | 0.10 | 0.02* | 0.04* | 0.01* | 0.01* | 0.00* |
| 11 | 0.00* | 0.01* | 0.03 | 9.92 | 0.02* | 1.59 | 0.06* | 0.02* | 0.03* | 0.01* | 0.01* | 0.00* |
| 12 | 0.00* | 0.01* | 0.28 | 21.28 | 0.02 | 1.06* | 0.34 | 0.06 | 0.03* | 0.01* | 0.01* | 0.00* |
| 13 | 0.00* | 0.00* | 0.11 | 7.47* | 0.02* | 0.35 | 4.68 | 0.15* | 0.05 | 0.01* | 0.01* | 0.00* |
| 14 | 0.00* | 0.00* | 0.08 | 6.18 | 0.02* | 9.95 | 2.10* | 0.08 | 0.96 | 0.01* | 0.00* | 0.00* |
| 15 | 0.00* | 0.36 | 0.12 | 3.69 | 0.02* | 3.19 | 0.62 | 0.04* | 0.49 | 0.01* | 0.00* | 0.00* |
| 16 | 0.00* | 0.75 | 0.68 | 10.48 | 0.02* | 1.09* | 0.23* | 0.02 | 0.16 | 0.01* | 0.00* | 0.00* |
| 17 | 0.00* | 1.69 | 0.36 | 15.97 | 0.02* | 0.30 | 0.05 | 0.02* | 0.13 | 0.01* | 0.00* | 0.00* |
| 18 | 0.00* | 0.78* | 0.16* | 2.63 | 0.02* | 0.06* | 0.04* | 0.02* | 0.18 | 0.01* | 0.00* | 0.00* |
| 19 | 0.00* | 0.27 | 0.05 | 1.29* | 0.02* | 0.09 | 0.04* | 0.02* | 0.42 | 0.01* | 0.00* | 0.00* |
| 20 | 0.00* | 0.42 | 0.04* | 0.35 | 0.02* | 3.39 | 0.04* | 0.02* | 0.28* | 0.01* | 0.00* | 0.00* |
| 21 | 0.00* | 0.18* | 0.04* | 0.04* | 0.02* | 2.32 | 0.04* | 0.02* | 0.12* | 0.01* | 0.00* | 0.00* |
| 22 | 0.00* | 0.02 | 0.04* | 0.04* | 0.02* | 3.80 | 0.04* | 0.02* | 0.02 | 0.01* | 0.00* | 0.00* |
| 23 | 0.00* | 0.06 | 0.04* | 0.04* | 0.02* | 1.91 | 0.04* | 0.01* | 0.02* | 0.01* | 0.00* | 0.00* |
| 24 | 0.00* | 5.55 | 0.04* | 0.04* | 0.02* | 1.13* | 0.04* | 0.01* | 0.02* | 0.01* | 0.00* | 0.00* |
| 25 | 0.00* | 9.12 | 0.04* | 0.04* | 0.02* | 0.54* | 0.04* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* |
| 26 | 0.00* | 3.49* | 0.04* | 0.04* | 0.02* | 0.16 | 0.04* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* |
| 27 | 0.03 | 1.47 | 3.01 | 0.04* | 0.02* | 0.06* | 0.04* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* |
| 28 | 0.07 | 0.43 | 1.20 | 0.04* | 0.02* | 0.06* | 0.03* | 0.01* | 0.01 | 0.01* | 0.00* | 0.00* |
| 29 | 0.00* | 0.08 | 0.14 | 0.96 | --- | 0.05* | 0.03* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00* |
| 30 | 0.00* | 0.03* | 0.06 | 2.96 | --- | 0.05* | 0.03* | 0.01* | 0.01* | 0.01* | 0.00* | 0.00 |
| 31 | 0.00* | --- | 0.04* | 13.60 | --- | 0.04* | --- | 0.01* | --- | 0.01* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.17 | 25.48 | 7.98 | 533.44 | 8.74 | 41.21 | 11.31 | 2.02 | 3.15 | 0.24 | 0.15 | 0.05 |
| MEAN | 0.01 | 0.85 | 0.26 | 17.21 | 0.31 | 1.33 | 0.38 | 0.07 | 0.11 | 0.01 | 0.00 | 0.00 |
| MAX | 0.07 | 9.12 | 3.01 | 421.50 | 4.76 | 9.95 | 4.68 | 0.62 | 0.96 | 0.01 | 0.01 | 0.00 |
| MIN | 0.00 | 0.00 | 0.03 | 0.04 | 0.02 | 0.02 | 0.03 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 1.74 |
| PERIOD TOTAL MAX: | 421.50 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 633.93 |

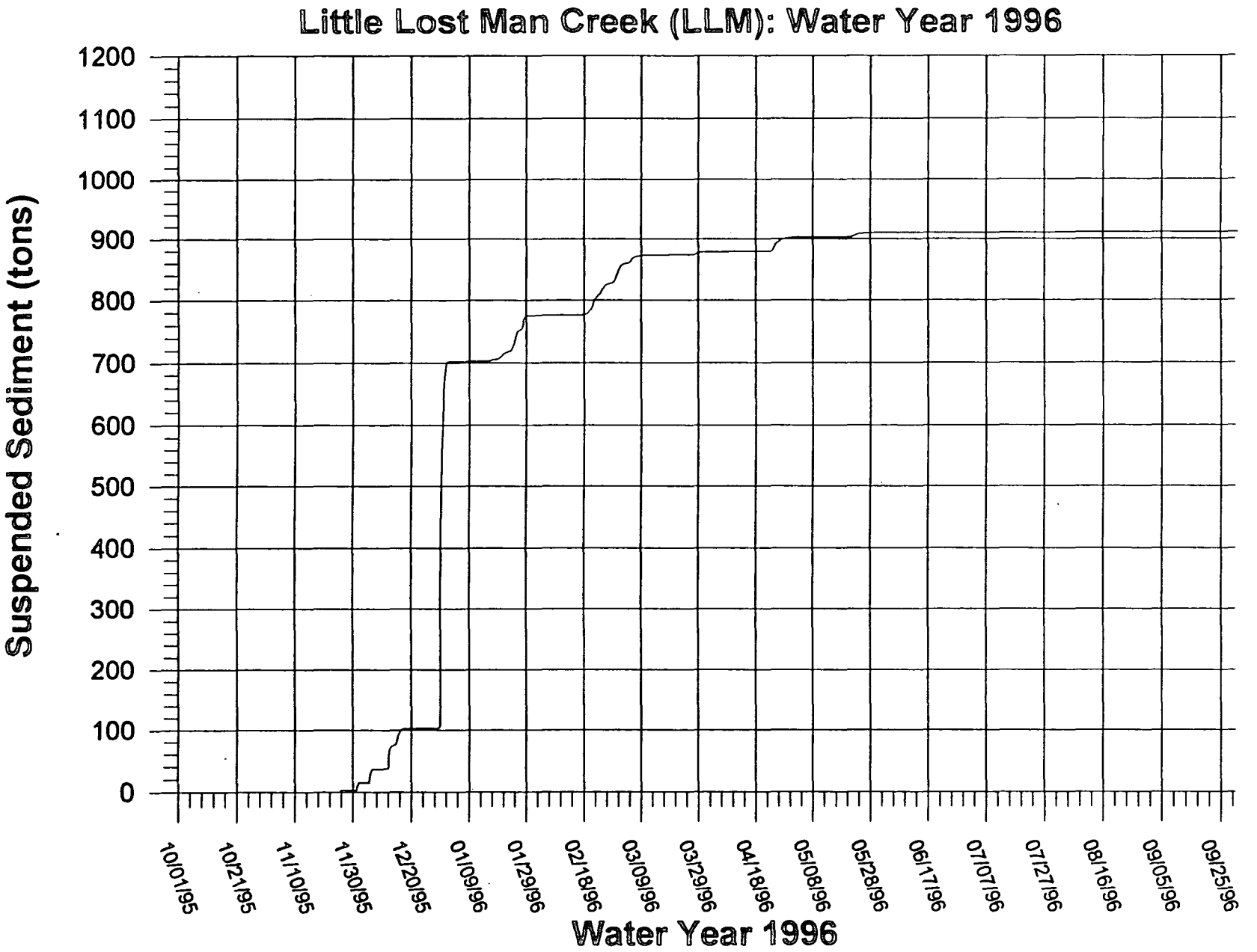

Little Lost Man Creek (LLM): Water Year 1995
Suspended Sediment (tons)
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/94
10/21/94
11/10/94
11/30/94
12/20/94
01/09/95
01/29/95
02/18/95
03/10/95
03/30/95
04/19/95
05/09/95
05/29/95
06/18/95
07/08/95
07/28/95
08/17/95
09/06/95
09/26/95
Water Year 1995

# Little Lost Man Creek (LLM) WY96: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00* | 11.71 | 4.48 | 0.07* | 6.93 | 0.05 | 0.11* | 0.02* | 0.01* | 0.01* | 0.00* |
| 2 | 0.00* | 0.00* | 0.05* | 0.11* | 0.05* | 2.62 | 0.05* | 0.03 | 0.02* | 0.01* | 0.01* | 0.00* |
| 3 | 0.00* | 0.00* | 0.04* | 0.10* | 0.04 | 0.47 | 0.05* | 0.03* | 0.02* | 0.01* | 0.01* | 0.00* |
| 4 | 0.00* | 0.00* | 0.03* | 0.10* | 0.03* | 2.45 | 0.05* | 0.03* | 0.02* | 0.01* | 0.01* | 0.00* |
| 5 | 0.00* | 0.00* | 15.20 | 0.09* | 0.03* | 6.51 | 0.05* | 0.03* | 0.02* | 0.01* | 0.01* | 0.00* |
| 6 | 0.00* | 0.00* | 6.32 | 0.09* | 0.03* | 2.75* | 0.05* | 0.03* | 0.02* | 0.01* | 0.01* | 0.00* |
| 7 | 0.00* | 0.00* | 0.06 | 0.08* | 0.03* | 1.35 | 0.05* | 0.03* | 0.02* | 0.01* | 0.01* | 0.00* |
| 8 | 0.00* | 0.00* | 0.03 | 0.07* | 0.03* | 0.63* | 0.05* | 0.03* | 0.02* | 0.01* | 0.01* | 0.00* |
| 9 | 0.00* | 0.01* | 0.03* | 0.07* | 0.03* | 0.14 | 0.05* | 0.04* | 0.02* | 0.01* | 0.01* | 0.00* |
| 10 | 0.00* | 0.01* | 0.04* | 0.06* | 0.03* | 0.04* | 0.05* | 0.04* | 0.02* | 0.01* | 0.01* | 0.00* |
| 11 | 0.00* | 0.01* | 0.14 | 0.05* | 0.03* | 0.04* | 0.05* | 0.04* | 0.02* | 0.01* | 0.01* | 0.00* |
| 12 | 0.00* | 0.01* | 35.53 | 0.05* | 0.03* | 0.04* | 0.05* | 0.04* | 0.02* | 0.01* | 0.01* | 0.00* |
| 13 | 0.00* | 0.01* | 2.94 | 0.04* | 0.03* | 0.04* | 0.05* | 0.04* | 0.02* | 0.01* | 0.01* | 0.00* |
| 14 | 0.00* | 0.01* | 8.08 | 0.03* | 0.02* | 0.04* | 0.05* | 0.04* | 0.02* | 0.01* | 0.01* | 0.00* |
| 15 | 0.00* | 0.01* | 15.03 | 0.03* | 0.02* | 0.03* | 0.05* | 0.04* | 0.02* | 0.01* | 0.01* | 0.00* |
| 16 | 0.00* | 0.01* | 4.30 | 1.18 | 0.15 | 0.03* | 0.05 | 0.05* | 0.02* | 0.01* | 0.01* | 0.00* |
| 17 | 0.00* | 0.01* | 0.50 | 1.12 | 0.45* | 0.03* | 0.05* | 0.05* | 0.02* | 0.01* | 0.01* | 0.00* |
| 18 | 0.00* | 0.01* | 0.07* | 0.22 | 0.91 | 0.03* | 0.05* | 0.05* | 0.02* | 0.01* | 0.01* | 0.00* |
| 19 | 0.00* | 0.01* | 0.06* | 3.23 | 4.55* | 0.03* | 0.05* | 0.05* | 0.02* | 0.01* | 0.01* | 0.00* |
| 20 | 0.00* | 0.01* | 0.06* | 4.93 | 6.63 | 0.03* | 0.05* | 0.05* | 0.02* | 0.01* | 0.01* | 0.00* |
| 21 | 0.00* | 0.01* | 0.05* | 2.90 | 12.96 | 0.03* | 0.05* | 0.57 | 0.02* | 0.01* | 0.01* | 0.00* |
| 22 | 0.00* | 0.01* | 0.05* | 1.38 | 5.38* | 0.02* | 0.05* | 2.57 | 0.02* | 0.01* | 0.01* | 0.00* |
| 23 | 0.00* | 0.01* | 0.04* | 3.80 | 6.66 | 0.02* | 2.19 | 1.22* | 0.02* | 0.01* | 0.01* | 0.00* |
| 24 | 0.00* | 0.01* | 0.04* | 16.32 | 7.07 | 0.02* | 9.39 | 0.47 | 0.02* | 0.01* | 0.01* | 0.00* |
| 25 | 0.00* | 2.49 | 0.03* | 12.22 | 4.09 | 0.02* | 4.63* | 0.35* | 0.02* | 0.01* | 0.01* | 0.00* |
| 26 | 0.00* | 0.03 | 0.02* | 2.19 | 1.36 | 0.02* | 2.63* | 0.25* | 0.02* | 0.01* | 0.01* | 0.00* |
| 27 | 0.00* | 0.01* | 0.02* | 14.15 | 0.89 | 0.96 | 1.22 | 0.16* | 0.02* | 0.01* | 0.01* | 0.00* |
| 28 | 0.00* | 0.02* | 0.05 | 7.54 | 6.48 | 2.14 | 0.78* | 0.09* | 0.01* | 0.01* | 0.01* | 0.00* |
| 29 | 0.00* | 0.02* | 238.03 | 0.89 | 14.63 | 1.07* | 0.50* | 0.04* | 0.01* | 0.01* | 0.01* | 0.00* |
| 30 | 0.00* | 0.02* | 304.30 | 0.09 | --- | 0.46 | 0.28* | 0.02 | 0.01* | 0.01* | 0.00* | 0.00 |
| 31 | 0.00* | --- | 50.47 | 0.08* | --- | 0.08 | --- | 0.02* | --- | 0.01* | 0.00* | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 0.07 | 2.72 | 693.34 | 77.70 | 72.71 | 29.07 | 22.72 | 6.61 | 0.51 | 0.38 | 0.22 | 0.07 |
| MEAN | 0.00 | 0.09 | 22.37 | 2.51 | 2.51 | 0.94 | 0.76 | 0.21 | 0.02 | 0.01 | 0.01 | 0.00 |
| MAX | 0.00 | 2.49 | 304.30 | 16.32 | 14.63 | 6.93 | 9.39 | 2.57 | 0.02 | 0.01 | 0.01 | 0.00 |
| MIN | 0.00 | 0.00 | 0.02 | 0.03 | 0.02 | 0.02 | 0.05 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 2.48 |
| PERIOD TOTAL MAX: | 304.30 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 906.12 |

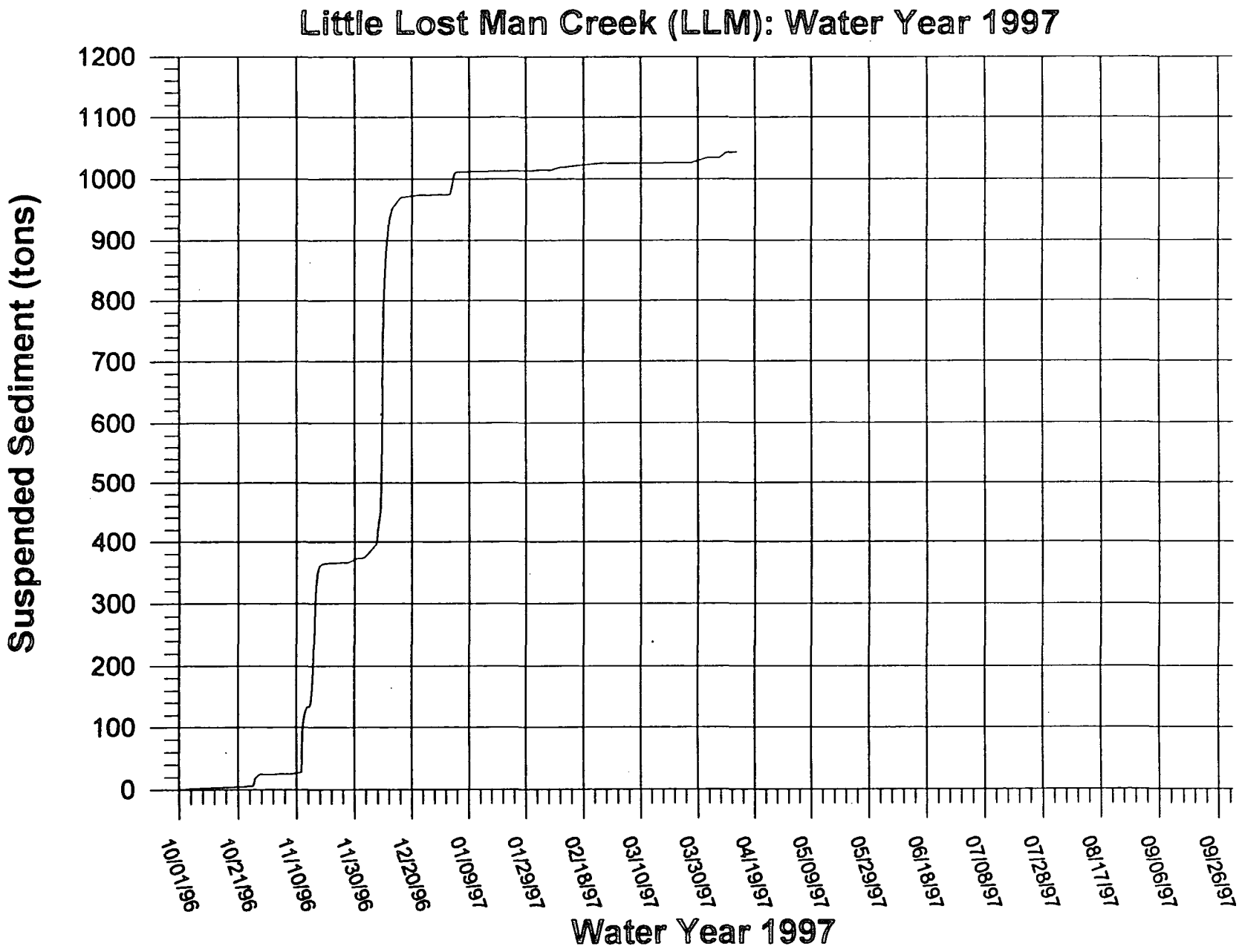

Little Lost Man Creek (LLM): Water Year 1996
Suspended Sediment (tons)
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/95
10/21/95
11/10/95
11/30/95
12/20/95
01/09/96
01/29/96
02/18/96
03/09/96
03/29/96
04/18/96
05/08/96
05/28/96
06/17/96
07/07/96
07/27/96
08/16/96
09/05/96
09/25/96
Water Year 1996

# Little Lost Man Creek (LLM) WY97: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.14* | 0.93 | 301.38 | 0.15* | 0.14 | 0.02* | 2.12 | 0.03* | 0.02* | 0.02* | 0.01* |
| 2 | 0.00* | 0.16* | 0.77* | 125.82 | 0.14* | 2.32 | 0.02* | 0.67* | 0.03* | 0.02* | 0.02* | 0.01* |
| 3 | 0.00* | 0.17* | 0.43 | 48.99 | 0.13* | 1.50 | 0.02* | 0.42 | 0.03* | 0.02* | 0.02* | 0.01* |
| 4 | 0.01* | 0.18* | 54.56 | 21.88 | 0.13* | 0.91* | 0.02* | 0.21* | 0.03* | 0.02* | 0.02* | 0.01* |
| 5 | 0.01* | 0.20* | 42.61 | 9.40 | 0.12* | 0.43 | 0.02* | 0.06 | 0.03* | 0.02* | 0.02* | 0.01* |
| 6 | 0.01* | 0.21* | 9.29 | 5.40* | 0.12* | 0.15 | 0.02* | 0.04 | 0.03* | 0.02* | 0.02* | 0.01* |
| 7 | 0.01* | 0.22* | 8.51 | 2.43* | 0.11* | 0.43* | 0.02* | 0.04* | 0.03* | 0.02* | 0.02* | 0.01* |
| 8 | 0.01* | 0.24* | 86.08 | 1.06 | 0.10* | 0.68* | 0.02* | 0.04* | 0.03* | 0.02* | 0.02* | 0.01* |
| 9 | 0.01* | 0.25* | 111.80 | 0.81* | 0.10* | 0.84* | 0.02* | 0.04* | 0.03* | 0.02* | 0.02* | 0.01* |
| 10 | 0.01* | 0.26* | 19.27 | 0.60* | 0.09* | 0.85 | 0.02* | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 11 | 0.01* | 0.27* | 3.21 | 0.41* | 0.09* | 0.49 | 0.02* | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 12 | 0.01* | 0.29* | 1.04 | 0.26* | 0.08* | 0.43* | 0.02* | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 13 | 0.01* | 0.30* | 0.47* | 0.14* | 0.07* | 0.49* | 0.02* | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 14 | 0.01* | 0.31* | 0.23* | 0.06 | 0.07* | 0.54* | 0.02* | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 15 | 0.01* | 0.32* | 0.09 | 0.05* | 0.06* | 0.57 | 0.02* | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 16 | 0.01* | 0.33* | 0.08* | 0.05* | 0.06* | 0.48* | 0.02* | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 17 | 0.01* | 0.34* | 0.07* | 0.06* | 0.05* | 0.33 | 0.02* | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 18 | 0.01* | 13.11 | 0.06* | 0.06* | 0.04* | 0.21* | 0.02* | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 19 | 0.01* | 4.92 | 0.05* | 0.06* | 0.04 | 0.08* | 0.02 | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 20 | 0.01* | 0.92 | 0.33 | 0.07* | 0.04* | 0.02 | 1.54 | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 21 | 0.02* | 0.14 | 2.74 | 0.07* | 0.04* | 0.02* | 0.89 | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 22 | 0.02* | 0.05* | 2.46 | 0.07* | 0.04* | 0.02* | 1.94 | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 23 | 0.02* | 0.06* | 1.42 | 0.08* | 0.04* | 0.02* | 1.90 | 0.03* | 0.03* | 0.02* | 0.01* | 0.01* |
| 24 | 0.61 | 0.06* | 0.19 | 0.08* | 0.04* | 0.02* | 1.09* | 0.03* | 0.03* | 0.02* | 0.01* | 0.00* |
| 25 | 0.04* | 0.06* | 0.53 | 14.54 | 0.04* | 0.02* | 0.45 | 0.03* | 0.02* | 0.02* | 0.01* | 0.00* |
| 26 | 0.05* | 0.06* | 3.83 | 19.63 | 0.04* | 0.02* | 0.06 | 0.03* | 0.02* | 0.02* | 0.01* | 0.00* |
| 27 | 0.07* | 0.06* | 5.65* | 2.33 | 0.04* | 0.02* | 0.08* | 0.03* | 0.02* | 0.02* | 0.01* | 0.00* |
| 28 | 0.08* | 0.06* | 4.65* | 0.17* | 0.04* | 0.02* | 0.11* | 0.03* | 0.02* | 0.02* | 0.01* | 0.00* |
| 29 | 0.10* | 0.06* | 5.24 | 0.16* | --- | 0.02* | 0.30 | 0.03* | 0.02* | 0.02* | 0.01* | 0.00* |
| 30 | 0.11* | 0.07 | 20.33 | 0.16* | --- | 0.02* | 4.68 | 0.03* | 0.02* | 0.02* | 0.01* | 0.00 |
| 31 | 0.13* | --- | 39.47 | 0.15* | --- | 0.02 | --- | 0.03* | --- | 0.02* | 0.01* | |

| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 1.42 | 23.82 | 426.37 | 556.44 | 2.10 | 12.08 | 13.40 | 4.34 | 0.81 | 0.63 | 0.42 | 0.20 |
| MEAN | 0.05 | 0.79 | 13.75 | 17.95 | 0.07 | 0.39 | 0.45 | 0.14 | 0.03 | 0.02 | 0.01 | 0.01 |
| MAX | 0.61 | 13.11 | 111.80 | 301.38 | 0.15 | 2.32 | 4.68 | 2.12 | 0.03 | 0.02 | 0.02 | 0.01 |
| MIN | 0.00 | 0.05 | 0.05 | 0.05 | 0.04 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.01 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 2.85 |
| PERIOD TOTAL MAX: | 301.38 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 1042.02 |

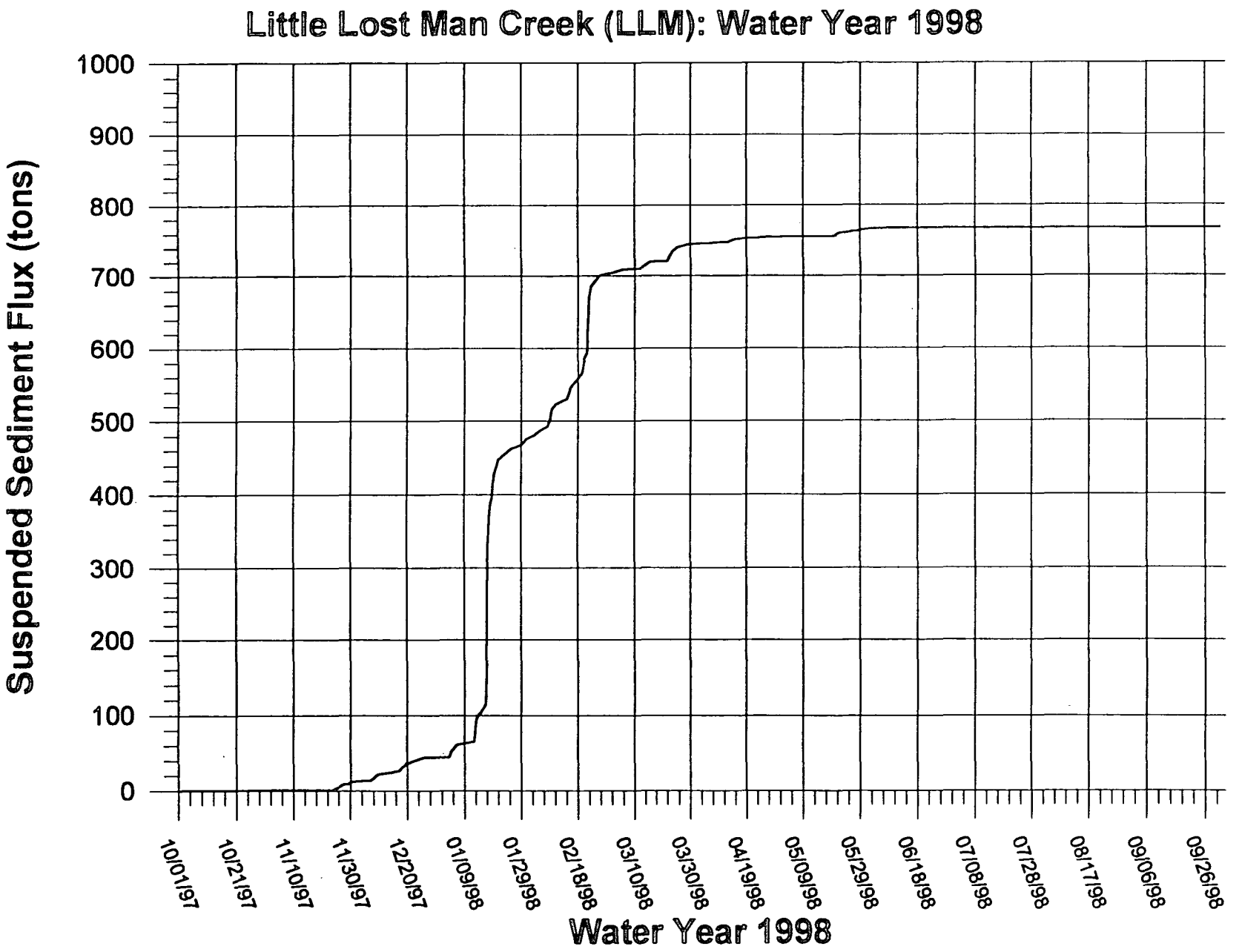

Little Lost Man Creek (LLM): Water Year 1997
Suspended Sediment (tons)
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
10/01/96
10/21/96
11/10/96
11/30/96
12/20/96
01/09/97
01/29/97
02/18/97
03/10/97
03/30/97
04/19/97
05/09/97
05/29/97
06/18/97
07/08/97
07/28/97
08/17/97
09/06/97
09/26/97
Water Year 1997

# Little Lost Man Creek (LLM) WY98: Daily Suspended Sediment Flux (tons)

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.27 | 0.04 | 0.48 | 0.03 | 1.41 | 0.44 | 0.26 | 0.02 | 0.22 | 0.01 | 0.01 | 0.00 |
| 2 | 0.02 | 0.02 | 0.35 | 0.16 | 2.46 | 1.50 | 0.22 | 0.02 | 0.17 | 0.01 | 0.01 | 0.00 |
| 3 | 0.01 | 0.02 | 0.24 | 5.15 | 3.43 | 1.71 | 0.18 | 0.02 | 0.13 | 0.01 | 0.01 | 0.00 |
| 4 | 0.01 | 0.02 | 0.15 | 7.00 | 1.68 | 1.08 | 0.15 | 0.02 | 0.09 | 0.01 | 0.01 | 0.00 |
| 5 | 0.01 | 0.02 | 0.08 | 3.08 | 2.53 | 0.55 | 0.12 | 0.02 | 0.06 | 0.01 | 0.01 | 0.00 |
| 6 | 0.01 | 0.02 | 0.04 | 1.25 | 2.14 | 0.35 | 0.12 | 0.02 | 0.03 | 0.01 | 0.01 | 0.00 |
| 7 | 0.01 | 0.02 | 2.98 | 0.88 | 6.24 | 0.28 | 0.26 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 |
| 8 | 0.01 | 0.02 | 3.37 | 0.62 | 19.04 | 0.22 | 0.19 | 0.07 | 0.02 | 0.01 | 0.01 | 0.00 |
| 9 | 0.02 | 0.02 | 1.46 | 0.40 | 5.10 | 0.17 | 0.16 | 0.09 | 0.02 | 0.01 | 0.01 | 0.00 |
| 10 | 0.11 | 0.02 | 0.78 | 0.29 | 2.47 | 0.12 | 0.26 | 0.05 | 0.02 | 0.01 | 0.01 | 0.00 |
| 11 | 0.02 | 0.02 | 0.51 | 0.70 | 1.94 | 0.08 | 0.23 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 |
| 12 | 0.02 | 0.02 | 0.30 | 27.87 | 1.47 | 2.47 | 0.55 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 |
| 13 | 0.01 | 0.02 | 0.14 | 8.84 | 1.11 | 3.72 | 2.16 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 |
| 14 | 0.01 | 0.02 | 0.76 | 3.88 | 12.14 | 1.78 | 1.19 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 |
| 15 | 0.01 | 0.02 | 0.80 | 5.59 | 8.64 | 0.53 | 0.45 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 |
| 16 | 0.01 | 0.02 | 0.55 | 159.77 | 5.35 | 0.30 | 0.36 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 |
| 17 | 0.01 | 0.02 | 5.00 | 112.58 | 3.37 | 0.24 | 0.29 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 |
| 18 | 0.01 | 0.02 | 2.91 | 25.68 | 1.85 | 0.19 | 0.22 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |
| 19 | 0.01 | 0.02 | 1.07 | 26.08 | 18.79 | 0.15 | 0.17 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |
| 20 | 0.01 | 0.02 | 1.40 | 11.11 | 8.99 | 0.11 | 0.12 | 3.68 | 0.01 | 0.01 | 0.00 | 0.00 |
| 21 | 0.01 | 0.02 | 1.93 | 5.48 | 83.88 | 0.17 | 0.08 | 1.14 | 0.01 | 0.01 | 0.00 | 0.00 |
| 22 | 0.01 | 0.02 | 1.34 | 3.65 | 12.90 | 3.87 | 0.05 | 0.32 | 0.01 | 0.01 | 0.00 | 0.00 |
| 23 | 0.01 | 0.08 | 0.85 | 2.19 | 5.87 | 8.68 | 0.09 | 0.19 | 0.01 | 0.01 | 0.00 | 0.00 |
| 24 | 0.01 | 2.23 | 0.48 | 1.09 | 3.32 | 3.76 | 0.16 | 0.85 | 0.01 | 0.01 | 0.00 | 0.00 |
| 25 | 0.01 | 1.42 | 0.21 | 0.58 | 1.56 | 1.72 | 0.14 | 0.54 | 0.01 | 0.01 | 0.00 | 0.00 |
| 26 | 0.01 | 2.75 | 0.10 | 1.54 | 1.10 | 1.24 | 0.11 | 0.32 | 0.01 | 0.01 | 0.00 | 0.00 |
| 27 | 0.01 | 1.07 | 0.08 | 1.98 | 0.85 | 0.91 | 0.08 | 0.24 | 0.01 | 0.01 | 0.00 | 0.00 |
| 28 | 0.01 | 0.27 | 0.07 | 1.26 | 0.63 | 0.64 | 0.06 | 0.88 | 0.01 | 0.01 | 0.00 | 0.00 |
| 29 | 0.01 | 2.08 | 0.05 | 4.10 | --- | 0.42 | 0.05 | 1.06 | 0.01 | 0.01 | 0.00 | 0.00 |
| 30 | 0.02 | 0.80 | 0.04 | 3.74 | --- | 0.35 | 0.03 | 0.58 | 0.01 | 0.01 | 0.00 | 0.00 |
| 31 | 0.39 | --- | 0.03 | 2.29 | --- | 0.30 | --- | 0.28 | --- | 0.01 | 0.00 | |

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 1.09 | 11.08 | 28.53 | 428.84 | 220.23 | 38.07 | 8.52 | 10.59 | 1.04 | 0.24 | 0.16 | 0.08 |
| MEAN | 0.04 | 0.37 | 0.92 | 13.83 | 7.87 | 1.23 | 0.28 | 0.34 | 0.03 | 0.01 | 0.01 | 0.00 |
| MAX | 0.39 | 2.75 | 5.00 | 159.77 | 83.88 | 8.68 | 2.16 | 3.68 | 0.22 | 0.01 | 0.01 | 0.00 |
| MIN | 0.01 | 0.02 | 0.03 | 0.03 | 0.63 | 0.08 | 0.03 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |

| | |
|---|---|
| PERIOD TOTAL MEAN: | 2.05 |
| PERIOD TOTAL MAX: | 159.77 |
| PERIOD TOTAL MIN: | 0.00 |
| SUM of DAILY FLUX: | 748.47 |


Little Lost Man Creek (LLM): Water Year 1998
Suspended Sediment Flux (tons)
1000
900
800
700
600
500
400
300
200
100
0
10/01/97
10/21/97
11/10/97
11/30/97
12/20/97
01/09/98
01/29/98
02/18/98
03/10/98
03/30/98
04/19/98
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08/17/98
09/06/98
09/26/98
Water Year 1998

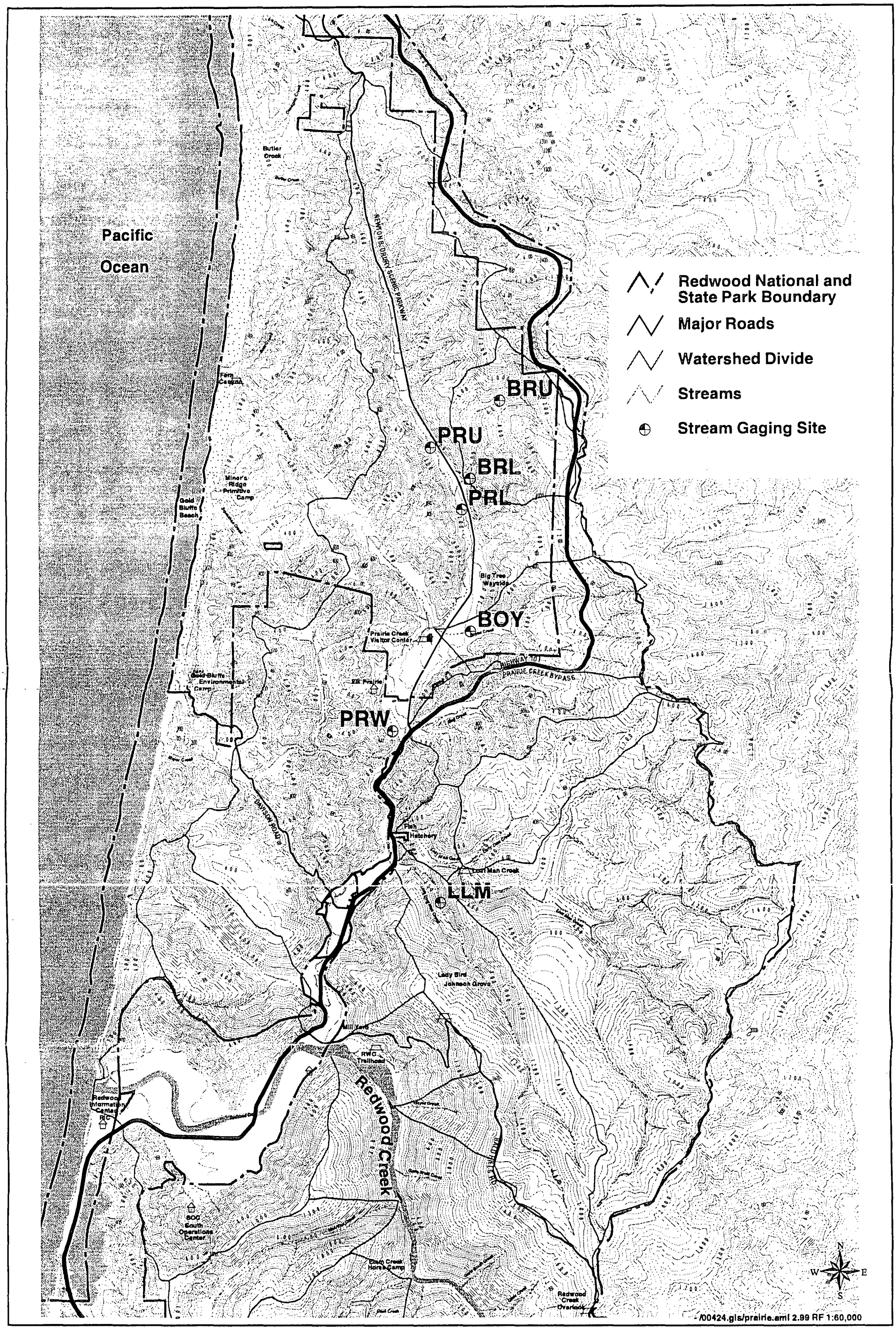


**Figure 1. Stream gaging sites in Prairie Creek**

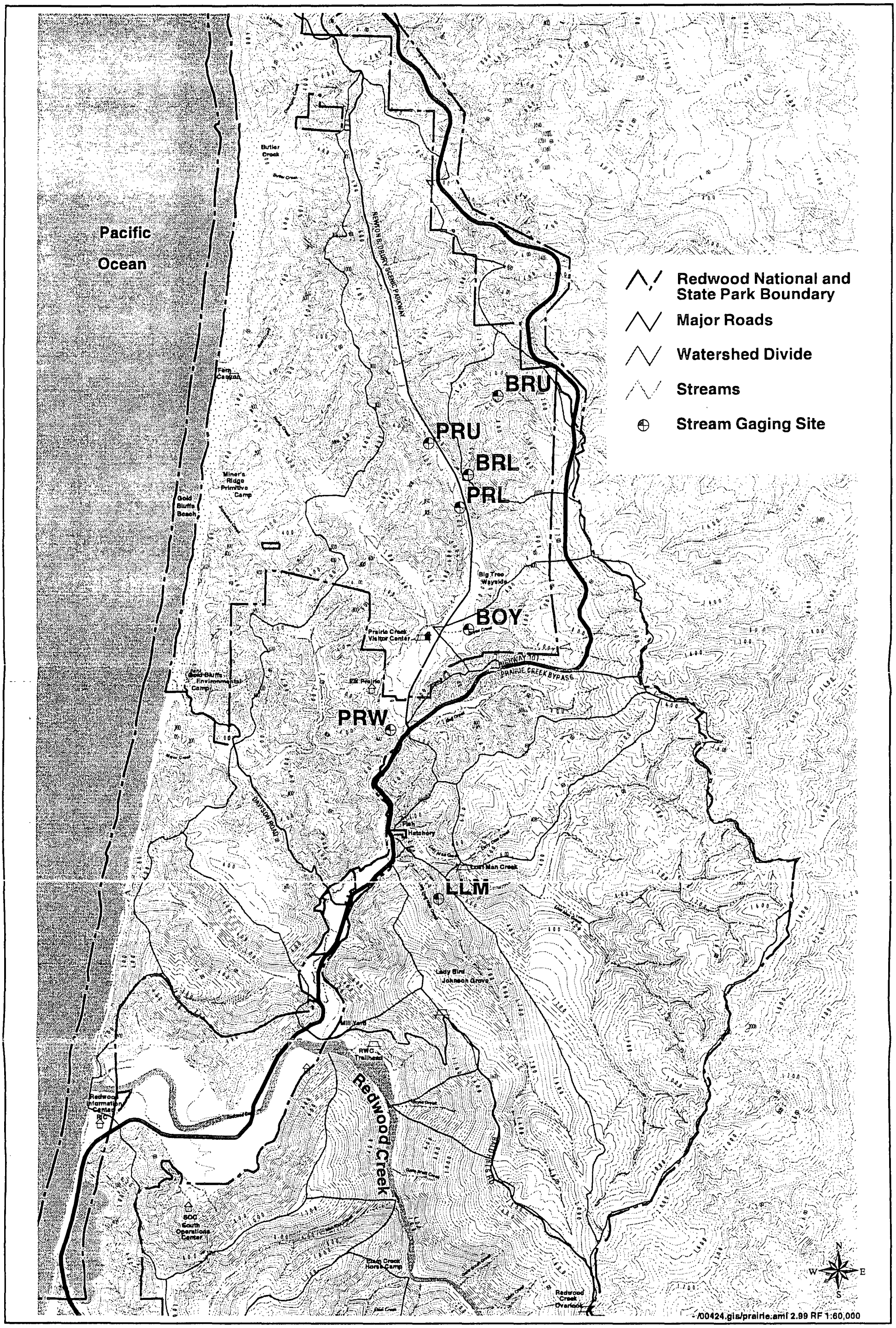


**Figure 1. Stream gaging sites in Prairie Creek**