

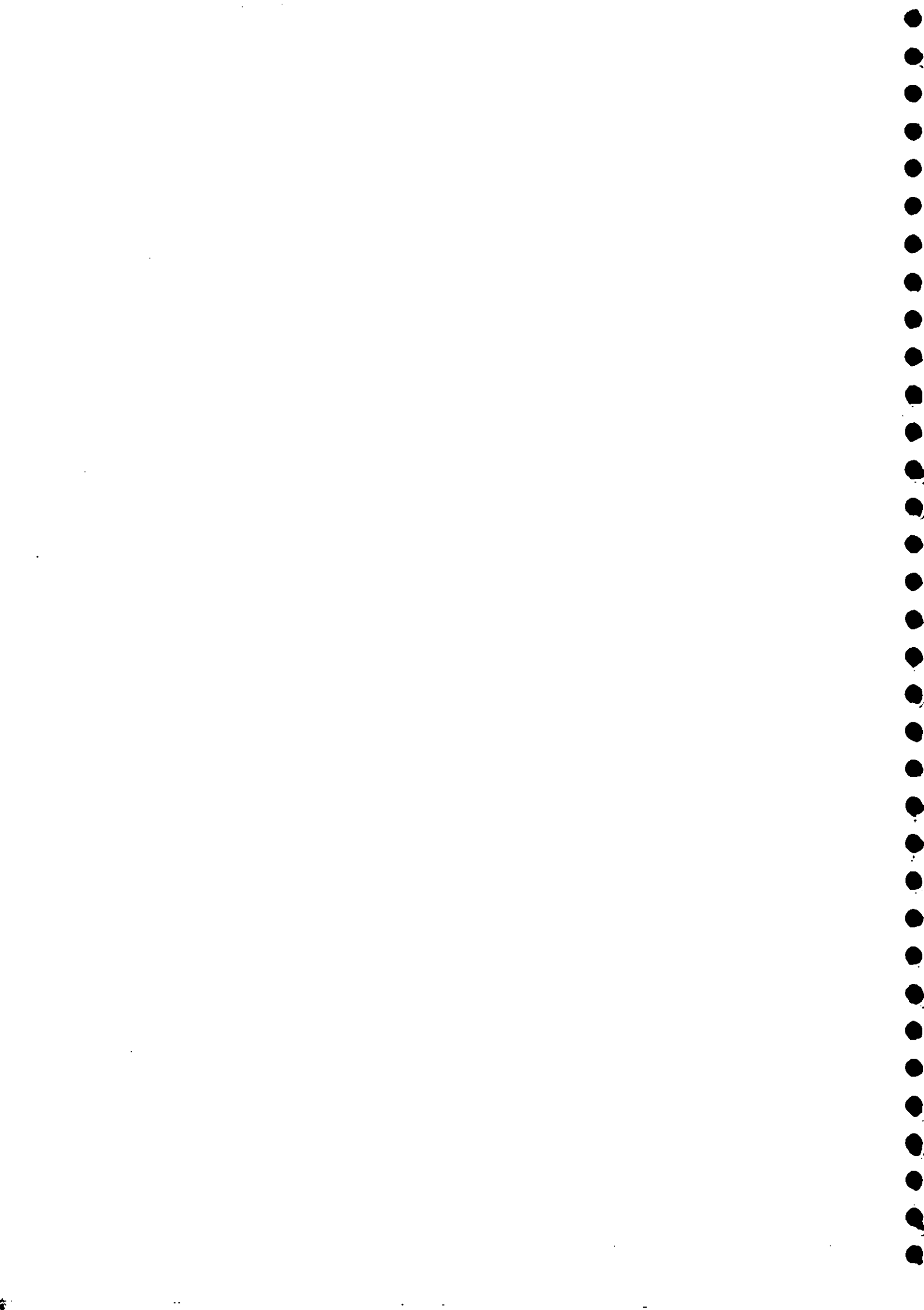
1996/002

Hydrological Data - Central Asia (1993/1994)

A selection of river level and flow records for Central
Asia prepared during a workshop on hydrological data
processing held in Tashkent, Uzbekistan
(26/11-7/12/95)



January 1996



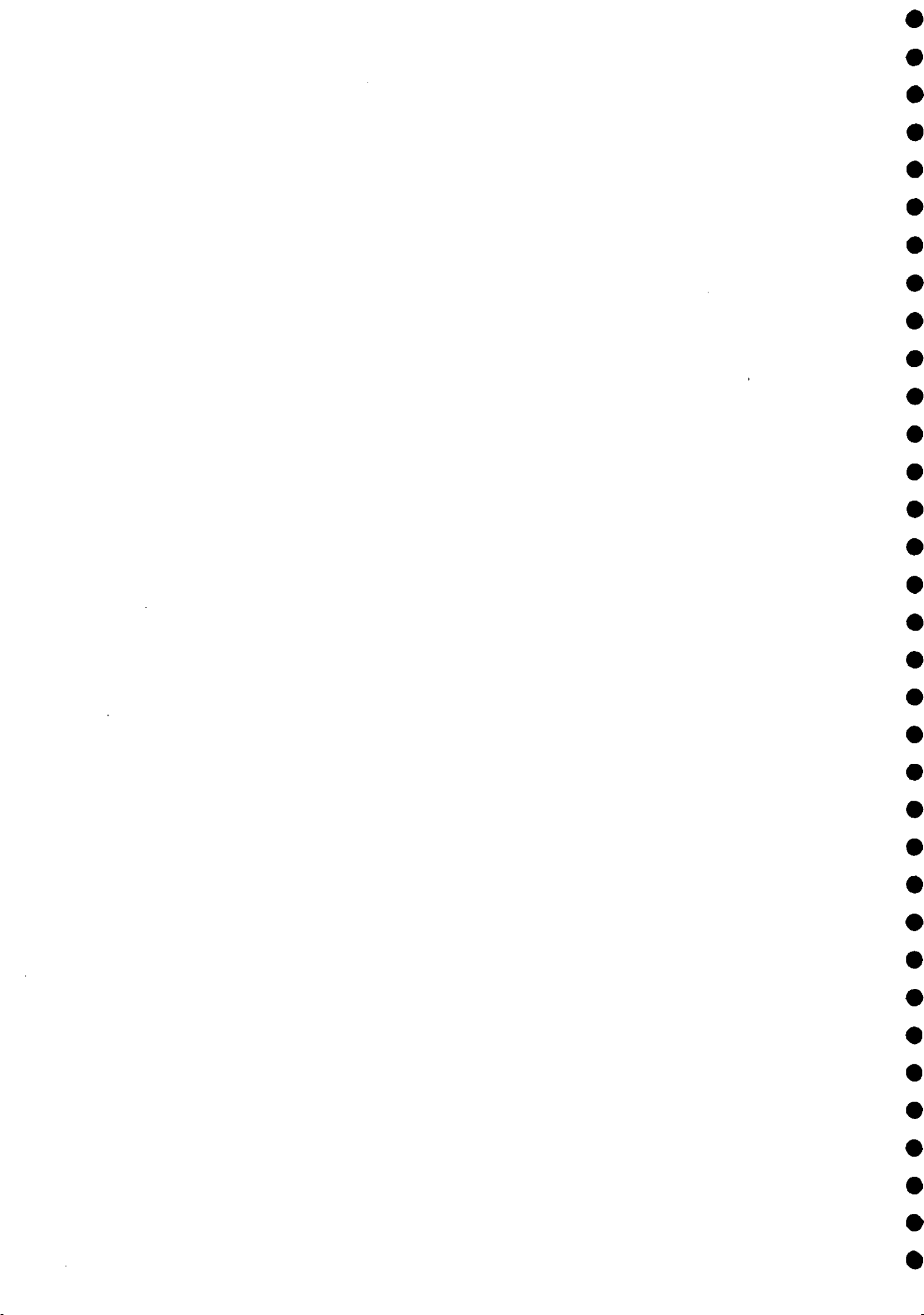
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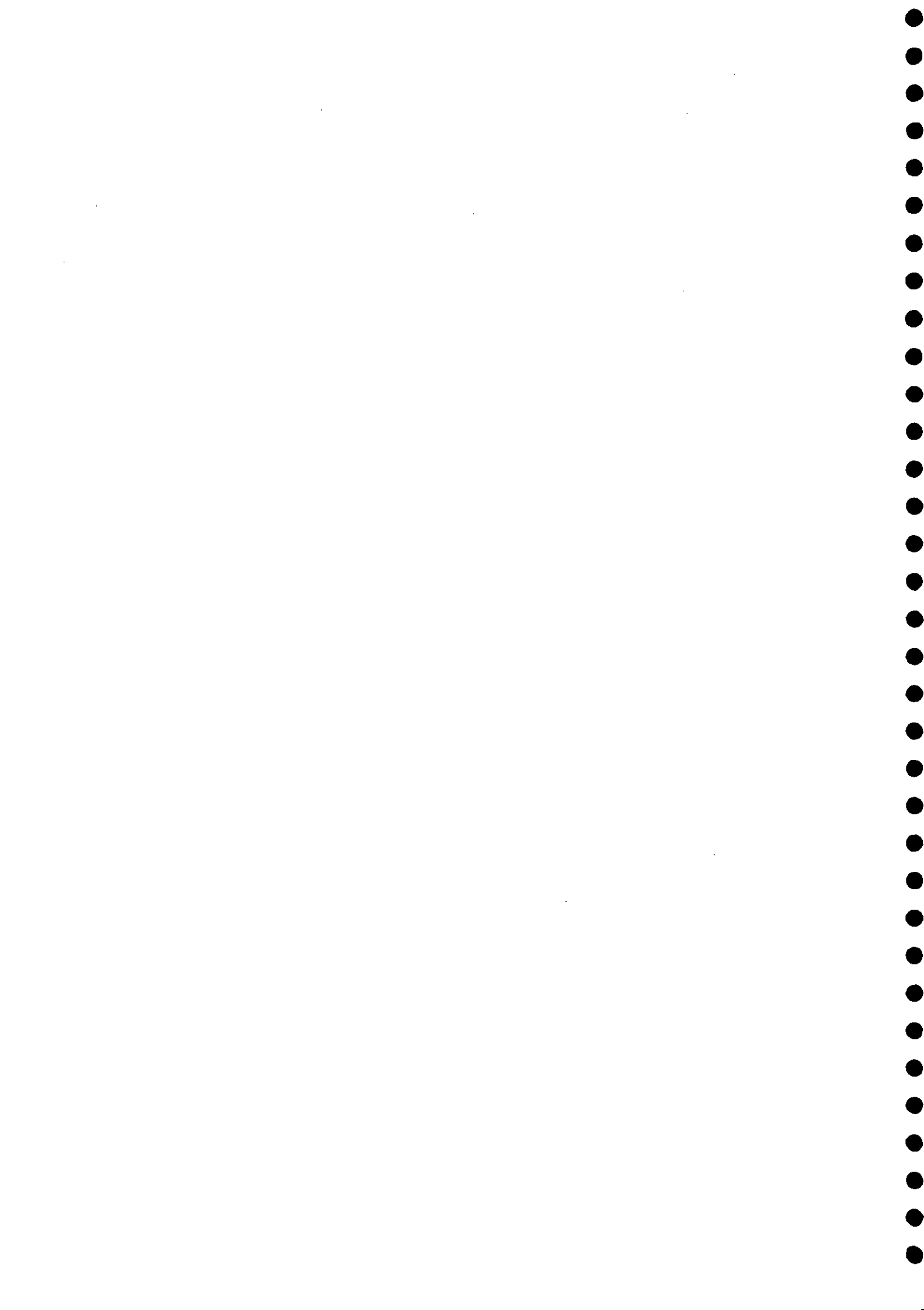
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January 1996



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1. Introduction

This demonstration yearbook was prepared by staff from the Hydrological Departments of the Main Administrations of Hydrometeorology in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan (Figure 1) during the course of a two-week workshop held at the Central Asian Hydrometeorological Research Institute (SANIGMI) in Tashkent in November 1995. The aim of the workshop was to provide initial training and advice in use of the HYDATA system for hydrological data processing. In the month following the workshop, HYDATA systems and the necessary computer hardware were provided to the Hydrological Services in all five countries as part of the UK Know How Fund's contribution to Sub-Program 2.1 of the ICAS/World Bank Aral Sea Program.

This yearbook was prepared both as a useful training exercise and to demonstrate the new capabilities of the Hydrological Departments to a wider audience. During the workshop, river level and discharge measurement data were processed for 15 key locations in Central Asia as indicated in Figure 2 and Table 1. The data tables and graphs are presented after this introductory section, which outlines the background to the Central Asia HYDATA project and describes the technical background to the data provided. Note that, since the yearbook was produced primarily as a training exercise, the data values given are only provisional and so should not be used in design or operational studies until further validation and quality control work has been performed.

2. Background to the Central Asia HYDATA project

In an effort to identify and alleviate the problems caused by declining levels in the Aral Sea, the World Bank has launched a major program of technical assistance and cooperation to the five countries of Central Asia under the auspices of the Executive Committee of the Interstate Council for the Aral Sea (ICAS). The ICAS/World Bank Aral Sea program is divided into eight sub-programs, which cover areas such as water resources policy and strategy, environmental modelling, and water and sanitation. One key component is Program 2.1, which aims to improve the data processing and monitoring facilities available to the Hydrometeorological Services of Central Asia. In February 1995, some fifteen representatives from the Central Asian Hydrometeorological Services participated in a fact finding visit to the UK and Switzerland. The UK Government, through the Know How Fund, subsequently agreed to support the hydrological data processing, remote sensing and GIS aspects of Program 2.1.

The system selected for hydrological data processing was the Institute of Hydrology's HYDATA system. The Institute of Hydrology is the main research centre for hydrology in the UK, and also maintains the UK's national archive of river flow data. HYDATA is a personal computer-based database system with menu-driven input and many facilities for the analysis and output of data, and is currently used as the national database system for hydrological data in more than twenty countries. Arrangements for the supply and installation of the HYDATA system were discussed at a planning meeting in Tashkent in September 1995, between representatives from the Hydrological Services of each country and a staff member of the Institute of Hydrology. The main decision at this meeting was that all five countries had an urgent need for computer facilities for processing hydrological data, and that the HYDATA system could meet most of their requirements. It was decided that the best way to provide the initial installation and training would be through a two-week workshop at SANIGMI in Tashkent, followed immediately by one-week installation visits to each country, with second follow-up visits after a short time (three months, say) to provide more advanced training and to resolve any operating problems which might have arisen. These proposals were subsequently approved by the Know How Fund and preparations for the HYDATA workshop were started in November 1995.

The HYDATA workshop was held at the offices of SANIGMI in the period 26 November-7 December 1995. The participants consisted of two representatives from the Hydrological Services in the Main Administrations of Hydrometeorology in each of the five countries of Central Asia. Training was provided by two staff members of the Institute of Hydrology with assistance from two senior scientists from SANIGMI and a professional interpreter. Topics covered included: basic data entry and validation procedures, data transfer techniques, an introduction to hydrological analysis facilities in HYDATA, data backup procedures and the care and use of modern personal computer hardware and peripherals. Special interest lectures were also given on hydrological data collection and processing procedures in the UK, and on flood estimation techniques in the UK. However, most of the training, including preparation of this yearbook, consisted of practical work by the participants using their own data.

For operation of the HYDATA system, each country was provided with two personal computers, two laserjet printers, a tape backup drive, an uninterruptable power supply and licences for several utility software programs (e.g. word processor, spreadsheet, anti-virus software). Following the workshop, Institute of Hydrology staff made one-week visits to four of the five countries (not Tajikistan) to ensure that the equipment was installed correctly, and to provide additional training as required. In each of the four countries, the equipment was installed in the Hydrological Services of the Main Administrations of Hydrometeorology (Glavgidromet), and it is anticipated that the equipment for Tajikistan will be installed in their Hydrological Services.

3. Contents of the yearbook

River level and flow data are presented for 15 stations in the five countries of Central Asia. The year selected for processing was either 1993 or 1994 depending on the information which the participants brought to the workshop. All plots and tables were produced by the participants using the hardware and software provided as part of the Central Asia HYDATA project. Table 2 presents a summary of the database created during the workshop. Note that, in Tables 1 and 2, some station numbers may differ as, for some locations, the correct number was not available during the workshop so a temporary identifier was used until the participants returned to their home countries.

In Central Asia, river levels are measured once or more a day by observers. Clockwork driven chart recorders are also operated at some stations using a 'float in stilling well' arrangement. Flow values are derived from levels via a rating curve relating levels to flows. Rating curves are calculated by fitting a smooth line to occasional 'spot' measurements of discharge and level made from a cableway using a current meter. Since the break up of the former Soviet Union, most of this analysis work has been performed manually. The new equipment and software will help to automate many of these procedures in accordance with internationally recognised standards, and will facilitate hydrological studies of the region and, in particular, analyses of the Aral Sea situation. It will also allow much better quality control of data by providing facilities to plot and print data, to compare records at two or more stations, and to experiment with different interpretations of the data (e.g. via water balances) in order to obtain the most consistent sets of flow series.

For each of the stations selected, the following information is presented for each year:

- A summary table of daily mean levels
- A summary table of all discharge measurements made in the year
- A summary table of the daily mean flows derived automatically from the level data
- A plot of the rating curve(s) fitted to the discharge measurements
- A plot (or plots) of the daily mean levels and flows during the year

Although the values presented provide a reasonable indication of river flows for the stations and years selected, a few words of caution are advisable as follows:

- a) In Central Asia, river levels are normally monitored twice a day (at 0800 and 2000), with more frequent monitoring during times of rapid variations in level. Although these original values could have been entered directly onto the database, for the purpose of this training exercise only daily mean values of level were loaded. The flow estimates derived from these average values are therefore not as accurate as would be obtained using the correct data storage interval. During the installation visits to the individual countries, a start was made on reloading the data for several of these stations using the correct interval.
- b) HYDATA includes the facility to fit rating curves automatically to the discharge measurements entered onto the database. Again, as this was a training exercise, the curves fitted are in some cases 'first attempts' only, and further work would be required (with reference to the original observer record sheets) to accurately identify shifts in the ratings and periods of ice formation, and to ensure that, where there is more than one rating curve, all curves are mutually consistent at both low flows and high flows. Discrepancies on the combined plots of levels, discharge measurements and daily mean flow which are presented for all stations give a good indication of periods when there may be possible problems with the provisional rating curves which have been developed.

- c) Normally, data values are entered from the year a station first opened and it is not usual to process only one year of data at a time. For this reason, flow values are missing at the start of the year for some stations, since the default in HYDATA is for a rating curve to be valid only from the date of the first discharge measurement entered onto the database. Although this start date can be changed, this was not attempted during the workshop with the result that the first few weeks of daily flow data appear to be missing at some stations.
- d) For some stations (e.g. Tenteksai at Charbat), ice formation in the winter months means that there is no unique relationship between levels and flows in this period. In this case, the daily mean flows derived from the rating equations were deleted. A utility program supplied with HYDATA allows daily mean flows to be estimated by interpolating between discharge measurements and this procedure was used as part of the training provided during the installation visits which followed the workshop.

HYDATA also provides the option to perform various analytical studies on river flow data; for example, to produce flow duration curves, low flow frequency plots and double mass plots. During the workshop, only a limited amount of time was available for this type of study. Figure 3 presents an example of the type of work which was performed, in which flow records were compared for two stations on the Syrdarya river in 1993(3a), and two stations on the Amudarya river in 1994(3b). Plots like these give a first indication of the quality of the data and, via water balance studies, can help highlight any problems in the rating curves developed and any abstractions/inflows between the two stations. Monthly and annual total flows were also derived automatically for each station and are summarised in Table 3.

Location map showing the five Central Asian Republics

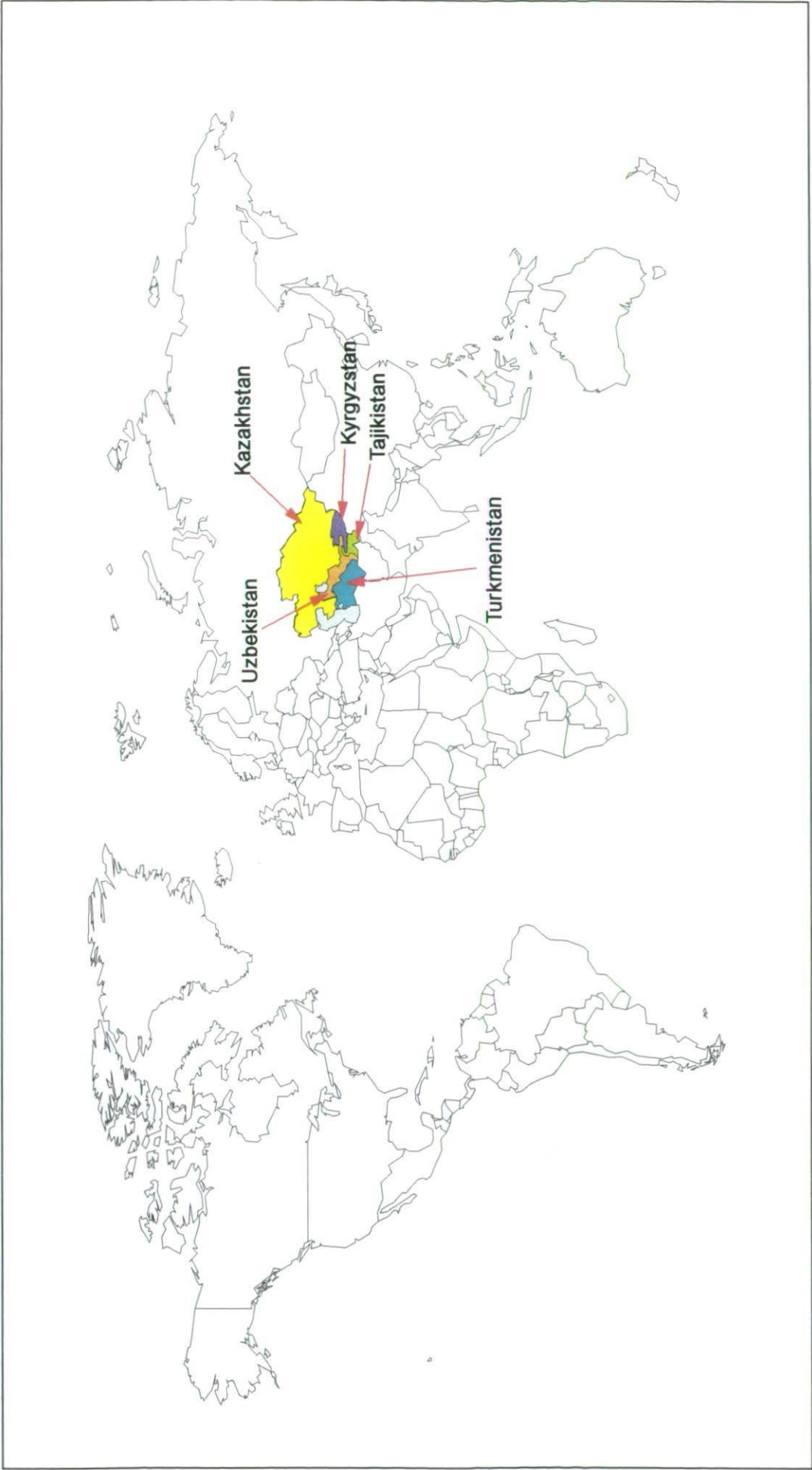


Figure 1

Table 1 List of stations processed during the workshop

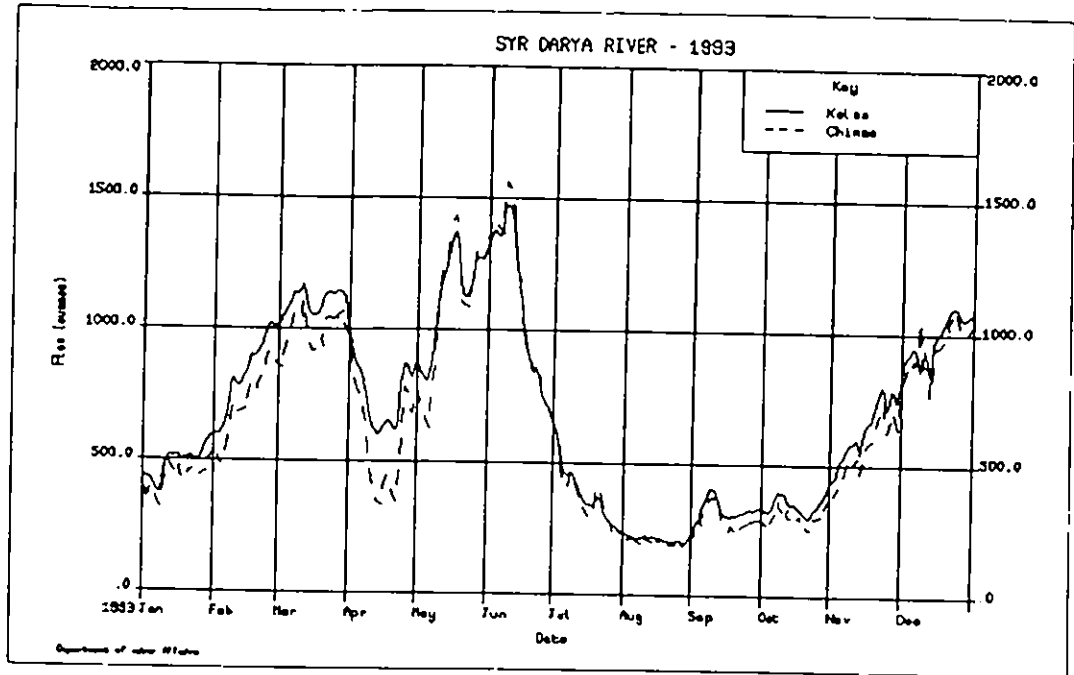
| Station number | Country | River | Location | Approximate catchment area (km ²) | Altitude (m) | Date opened | Year |
|----------------|--------------|-------------|------------|---|--------------|-------------|------|
| 17011 | - | Amudarya | Kerki | 309000 | 238 | 27.07.1910 | 1994 |
| 17016 | Turkmenistan | Amudarya | Darganata | - | 142 | 12.05.1955 | 1994 |
| 18073 | Turkmenistan | Murgap | Tagtabazar | 34700 | 330 | 26.02.1924 | 1994 |
| 17288 | - | Zeravshan | Dupuli | 10200 | 1041 | 1889 | 1994 |
| 17344 | - | Magiandarya | Sujina | 1100 | 1009 | 01.05.1955 | 1994 |
| 16006 | - | Syrdarya | Akdjar | 90000 | 35 | 01.02.1953 | 1994 |
| 16146 | Kyrgyzstan | Tenteksai | Charbak | 1300 | 990 | 01.07.1914 | 1993 |
| 16070 | Kyrgyzstan | Malay Naryn | Mouth | 3870 | 2258 | 09.05.1932 | 1993 |
| 15467 | Kyrgyzstan | Tuyuk | Mouth | 230 | 1269 | 12.08.1983 | 1993 |
| 16497 | - | Syrdarya | Keles | 170000 | - | 07.05.1976 | 1993 |
| 16037 | Kazakhstan | Syrdarya | Tumenarik | 219000 | 154 | 25.10.1913 | 1993 |
| 16350 | Kazakhstan | Aksu | Podgornoe | 462 | 813 | 05.06.1926 | 1993 |
| 16022 | - | Syrdarya | Chinaz | 170000 | 249 | 07.05.1976 | 1993 |
| 17019 | - | Amudarya | Tujamuyun | - | 108 | 16.07.1914 | 1993 |
| 17221 | - | Sherabad | Derbent | 949 | - | 01.12.1956 | 1993 |

Table 2 Station summary of workshop database

| Type | Number | Name | Basin number | Latitude | Longitude | Altitude | Area |
|--------|--------|---------------------------------|--------------|-----------|-----------|----------|---------|
| Event | Stage | 15467 R. Tuyuk - mouth | 15 | 0: 0: 0 N | 0: 0: 0 E | 1269.0 | 230.0 |
| Event | Stage | 16006 R. Syrdarya at Akdjar | 16 | 0: 0: 0 N | 0: 0: 0 E | 35.0 | 90000. |
| Event | Stage | 16022 R. Syrdarya at Chinas | 16 | 0: 0: 0 N | 0: 0: 0 E | 249.0 | 167000. |
| Event | Stage | 16035 R. Syrdarya at Tumenaarik | 16 | 0: 0: 0 N | 0: 0: 0 E | 154.0 | 219000. |
| Event | Stage | 16070 R. Malay Naryn - mouth | 16 | 0: 0: 0 N | 0: 0: 0 E | 2258.0 | 3870.0 |
| Event | Stage | 16146 R. Tenteksai at Charbak | 16 | 0: 0: 0 N | 0: 0: 0 E | 990.0 | 1300.0 |
| Event | Stage | 16401 R. Aksu at Podgornoe | 16 | 0: 0: 0 N | 0: 0: 0 E | 813.0 | 462.0 |
| Event | Stage | 16497 R. Syrdarya at Keles | 0 | 0: 0: 0 N | 0: 0: 0 E | .0 | 1.0 |
| Event | Stage | 17011 R. Amudarya at Kerki | 17 | 0: 0: 0 N | 0: 0: 0 E | 238.0 | 309000. |
| Event | Stage | 17016 R. Amudarya at Darganata | 17 | 0: 0: 0 N | 0: 0: 0 E | 142.0 | 300000. |
| Event | Stage | 17019 R. Amudarya at Tujamuyun | 17 | 0: 0: 0 N | 0: 0: 0 E | 108.0 | 1.0 |
| Event | Stage | 17221 R. Sherabad at Derbent | 17 | 0: 0: 0 N | 0: 0: 0 E | .0 | 949.0 |
| Event | Stage | 17288 R. Zeravshan at Dupuli | 17 | 0: 0: 0 N | 0: 0: 0 E | 1042.0 | 10200. |
| Event | Stage | 17344 R. Magiandarya at Sujina | 17 | 0: 0: 0 N | 0: 0: 0 E | 1009.0 | 1100.0 |
| Event | Stage | 18073 R. Murgap at Tagtabazar | 18 | 0: 0: 0 N | 0: 0: 0 E | 330.0 | 34700. |
| Rating | | 15467 R. Tuyuk - mouth | 15 | 0: 0: 0 N | 0: 0: 0 E | 1269.0 | |
| Rating | | 16006 R. Syrdarya at Akdjar | 16 | 0: 0: 0 N | 0: 0: 0 E | 35.0 | |
| Rating | | 16022 R. Syrdarya at Chinas | 16 | 0: 0: 0 N | 0: 0: 0 E | 249.0 | |
| Rating | | 16035 R. Syrdarya at Tumenaarik | 16 | 0: 0: 0 N | 0: 0: 0 E | 154.0 | |
| Rating | | 16070 R. Malay Naryn - mouth | 16 | 0: 0: 0 N | 0: 0: 0 E | 2258.0 | |
| Rating | | 16146 R. Tenteksai at Charbak | 16 | 0: 0: 0 N | 0: 0: 0 E | 990.0 | |
| Rating | | 16401 R. Aksu at Podgornoe | 16 | 0: 0: 0 N | 0: 0: 0 E | 813.0 | |
| Rating | | 16497 R. Syrdarya at Keles | 16 | 0: 0: 0 N | 0: 0: 0 E | .0 | |
| Rating | | 17011 R. Amudarya at Kerki | 17 | 0: 0: 0 N | 0: 0: 0 E | 238.0 | |
| Rating | | 17016 R. Amudarya at Darganata | 17 | 0: 0: 0 N | 0: 0: 0 E | 142.0 | |
| Rating | | 17019 R. Amudarya at Tujamuyun | 17 | 0: 0: 0 N | 0: 0: 0 E | 108.0 | |
| Rating | | 17221 R. Sherabad at Derbent | 17 | 0: 0: 0 N | 0: 0: 0 E | .0 | |
| Rating | | 17288 R. Zeravshan at Dupuli | 17 | 0: 0: 0 N | 0: 0: 0 E | 1042.0 | |
| Rating | | 17344 R. Magiandarya at Sujina | 17 | 0: 0: 0 N | 0: 0: 0 E | 1009.0 | |
| Rating | | 18073 R. Murgap at Tagtabazar | 18 | 0: 0: 0 N | 0: 0: 0 E | 330.0 | |
| Flow | | 15467 R. Tuyuk - mouth | 15 | 0: 0: 0 N | 0: 0: 0 E | 1269.0 | 230.0 |
| Flow | | 16006 R. Syrdarya at Akdjar | 16 | 0: 0: 0 N | 0: 0: 0 E | 35.0 | 90000. |
| Flow | | 16022 R. Syrdarya at Chinas | 16 | 0: 0: 0 N | 0: 0: 0 E | 249.0 | 167000. |
| Flow | | 16035 R. Syrdarya at Tumenaarik | 16 | 0: 0: 0 N | 0: 0: 0 E | 154.0 | 219000. |
| Flow | | 16070 R. Malay Naryn - mouth | 16 | 0: 0: 0 N | 0: 0: 0 E | 2258.0 | 3870.0 |
| Flow | | 16146 R. Tenteksai at Charbak | 16 | 0: 0: 0 N | 0: 0: 0 E | 990.0 | 1300.0 |
| Flow | | 16401 R. Aksu at Podgornoe | 16 | 0: 0: 0 N | 0: 0: 0 E | 813.0 | 462.0 |
| Flow | | 16497 R. Syrdarya at Keles | 16 | 0: 0: 0 N | 0: 0: 0 E | .0 | 1.0 |
| Flow | | 17011 R. Amudarya at Kerki | 17 | 0: 0: 0 N | 0: 0: 0 E | 238.0 | 309000. |
| Flow | | 17016 R. Amudarya at Darganata | 17 | 0: 0: 0 N | 0: 0: 0 E | 142.0 | 300000. |
| Flow | | 17019 R. Amudarya at Tujamuyun | 17 | 0: 0: 0 N | 0: 0: 0 E | 108.0 | 1.0 |
| Flow | | 17221 R. Sherabad at Derbent | 17 | 0: 0: 0 N | 0: 0: 0 E | .0 | 949.0 |
| Flow | | 17288 R. Zeravshan at Dupuli | 17 | 0: 0: 0 N | 0: 0: 0 E | 1042.0 | 10200. |
| Flow | | 17344 R. Magiandarya at Sujina | 17 | 0: 0: 0 N | 0: 0: 0 E | 1009.0 | 1100.0 |
| Flow | | 18073 R. Murgap at Tagtabazar | 18 | 0: 0: 0 N | 0: 0: 0 E | 330.0 | 34700. |

Example of comparisons of flow records for (a) Syr Darya and (b) Amu Darya rivers

(a)



(b)

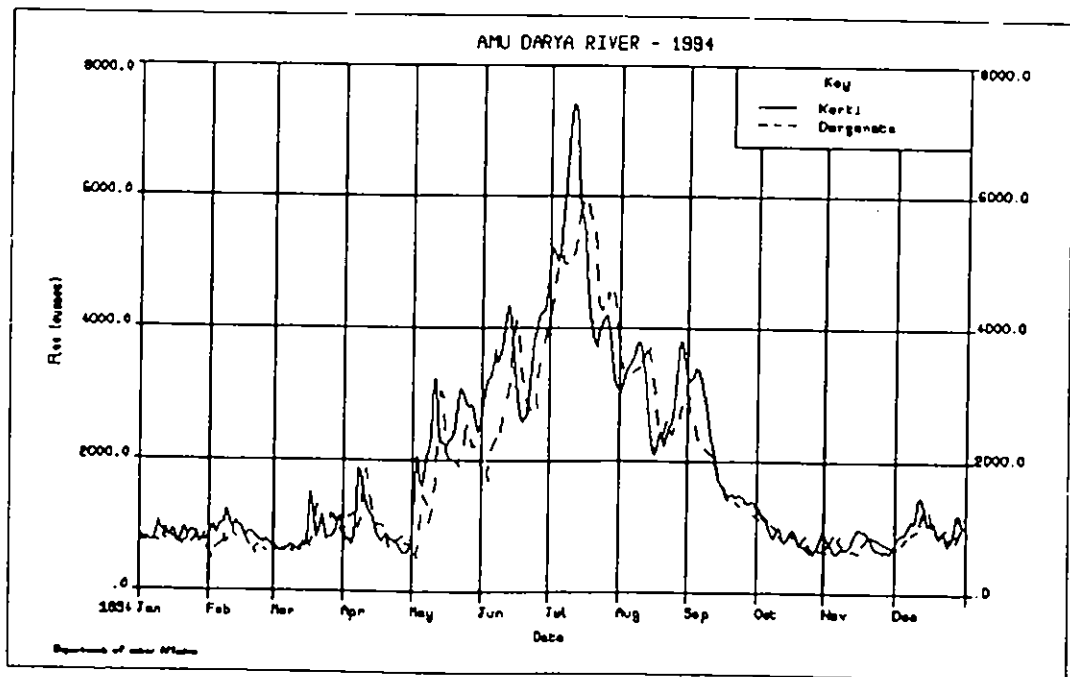


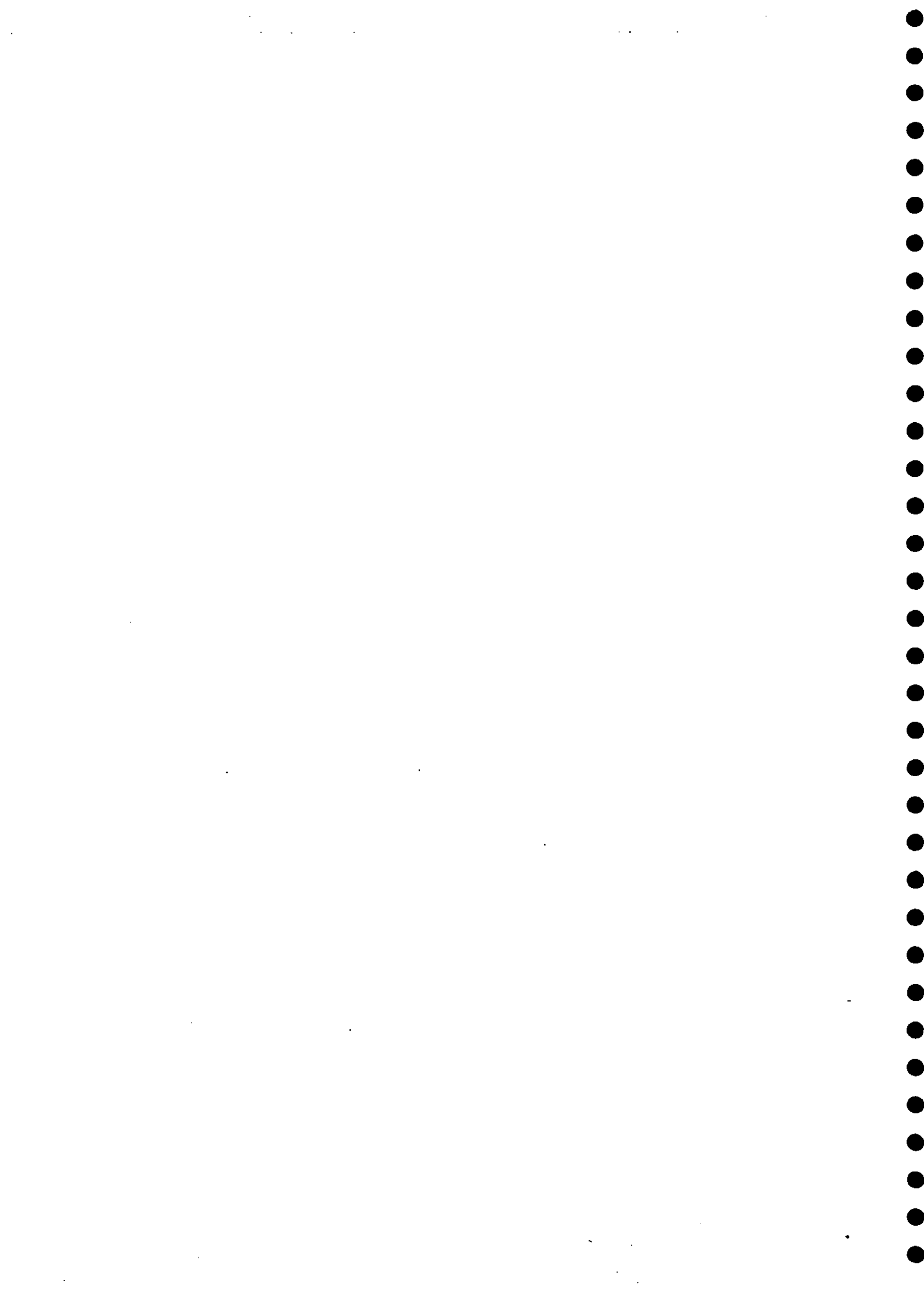
Figure 3

Table 3 Summary of monthly and annual flow estimates

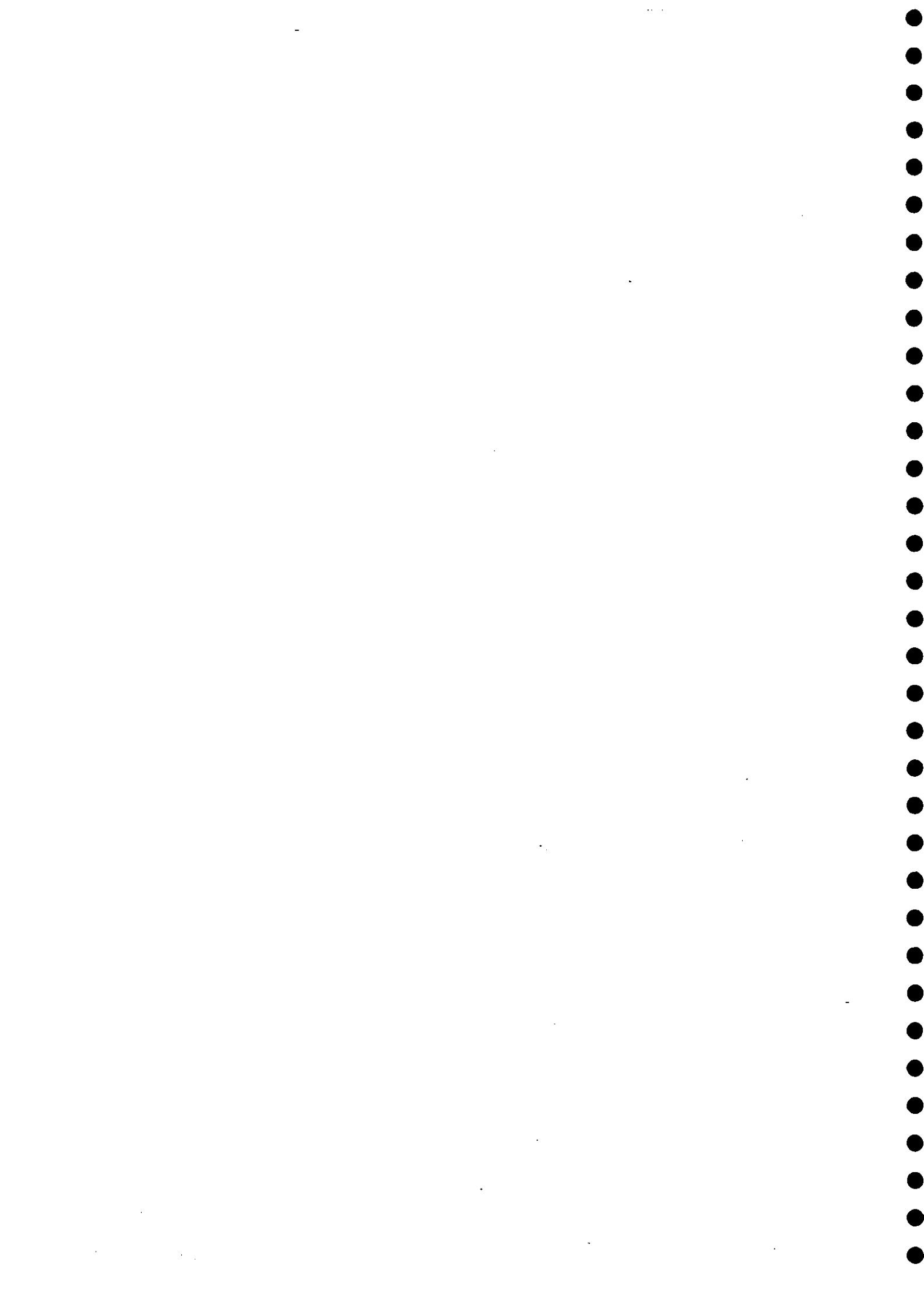
| Station number | Monthly mean ($\text{m}^3 \text{s}^{-1}$) | | | | | | | | | | | | Annual | |
|----------------|---|-----|------|------|------|------|------|------|------|-----|-----|-----|-------------------------------------|-------------------------|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Mean ($\text{m}^3 \text{s}^{-1}$) | Total (Mm^3) |
| 17011 | 833 | 915 | 967 | 899 | 2370 | 3683 | 4712 | 3336 | 1878 | 818 | 768 | 879 | 1852 | 58413 |
| 17016 | - | 733 | 843 | 1023 | 1858 | 2993 | 4961 | 3048 | 1788 | 861 | 745 | 935 | | insufficient data |
| 18073 | - | 45 | 71 | 72 | 73 | 58 | 40 | 31 | 40 | 50 | 50 | 58 | | insufficient data |
| 17288 | - | 58 | 62 | 72 | 175 | 384 | 452 | 375 | 202 | 121 | 98 | 87 | | insufficient data |
| 17344 | 4 | 3 | 5 | 4 | 9 | 15 | 22 | 13 | 7 | 5 | 3 | 5 | 8 | 250 |
| 16006 | 832 | 876 | 888 | 811 | 853 | 485 | 511 | 346 | 511 | 508 | 773 | 980 | 700 | 22064 |
| 16146 | - | 9 | 10 | 54 | 97 | 90 | 58 | 44 | 34 | 30 | 37 | 35 | | insufficient data |
| 16070 | - | - | - | - | 54 | 75 | 103 | 56 | 49 | 28 | 21 | 46 | | insufficient data |
| 15467 | - | 1 | 1 | 2 | 3 | 5 | 9 | 8 | 7 | 5 | 3 | 2 | | insufficient data |
| 16497 | 499 | 835 | 1104 | 752 | 1133 | 1086 | 381 | 215 | 326 | 348 | 646 | 992 | 694 | 21885 |
| 16037 | - | 455 | 571 | 615 | 760 | 907 | 717 | 710 | 501 | 463 | 337 | 562 | | insufficient data |
| 16350 | - | 4 | 5 | 13 | 24 | 44 | 31 | 16 | 10 | 6 | 6 | 5 | | insufficient data |
| 16022 | 441 | 726 | 998 | 583 | 1109 | 1106 | 371 | 205 | 288 | 304 | 568 | 949 | 638 | 20125 |
| 17019 | 542 | 726 | 1174 | 539 | 1687 | 3095 | 3263 | 1587 | 1076 | 539 | 302 | 588 | 1272 | 40124 |
| 17221 | 4 | 4 | 6 | 13 | 22 | 25 | 17 | 7 | 4 | 5 | 4 | 4 | 10 | 304 |

Country : Turkmenistan

Stations Listed : 17011 Amudarya - Kerki
17016 Amudarya - Darganata
18073 Murgap - Tagtabazar



Station : 17011 Amudarya - Kerki



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 17011 Name : Amudaria-Kerki

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1994

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 1.11 | 1.14 | .93 | 1.08 | 1.26 | 2.19 | 2.94 | 2.36 | 2.42 | 1.77 | 1.54 | 1.50 |
| 2 | 1.01 | 1.24 | .90 | 1.05 | 1.89 | 2.28 | 2.93 | 2.43 | 2.43 | 1.70 | 1.47 | 1.54 |
| 3 | 1.09 | 1.09 | .92 | 1.09 | 1.84 | 2.30 | 2.90 | 2.47 | 2.44 | 1.66 | 1.45 | 1.54 |
| 4 | 1.04 | 1.13 | .89 | .95 | 1.63 | 2.31 | 2.88 | 2.48 | 2.49 | 1.68 | 1.41 | 1.56 |
| 5 | 1.03 | 1.22 | .93 | 1.08 | 1.56 | 2.36 | 2.90 | 2.50 | 2.48 | 1.64 | 1.37 | 1.57 |
| 6 | 1.01 | 1.23 | .94 | 1.42 | 1.77 | 2.48 | 3.04 | 2.51 | 2.44 | 1.57 | 1.37 | 1.62 |
| 7 | 1.08 | 1.22 | .91 | 1.79 | 1.87 | 2.50 | 3.12 | 2.54 | 2.37 | 1.53 | 1.42 | 1.67 |
| 8 | 1.21 | 1.40 | 1.01 | 1.72 | 1.85 | 2.52 | 3.19 | 2.57 | 2.35 | 1.51 | 1.42 | 1.63 |
| 9 | 1.28 | 1.33 | .97 | 1.52 | 1.92 | 2.55 | 3.30 | 2.59 | 2.28 | 1.54 | 1.41 | 1.68 |
| 10 | 1.16 | 1.17 | .93 | 1.43 | 2.37 | 2.65 | 3.38 | 2.58 | 2.18 | 1.57 | 1.42 | 1.81 |
| 11 | 1.15 | 1.21 | .93 | 1.38 | 2.34 | 2.72 | 3.37 | 2.49 | 2.12 | 1.62 | 1.44 | 1.84 |
| 12 | 1.19 | 1.28 | .88 | 1.35 | 2.04 | 2.74 | 3.32 | 2.45 | 2.05 | 1.56 | 1.49 | 1.80 |
| 13 | 1.08 | 1.22 | .95 | 1.34 | 1.90 | 2.68 | 3.18 | 2.39 | 1.97 | 1.50 | 1.53 | 1.70 |
| 14 | 1.07 | 1.22 | .98 | 1.23 | 1.93 | 2.52 | 3.03 | 2.25 | 1.91 | 1.47 | 1.58 | 1.63 |
| 15 | 1.18 | 1.16 | .96 | 1.16 | 1.90 | 2.42 | 3.03 | 2.12 | 1.89 | 1.49 | 1.60 | 1.62 |
| 16 | 1.16 | 1.04 | 1.21 | 1.08 | 1.88 | 2.35 | 2.99 | 2.08 | 1.85 | 1.55 | 1.58 | 1.66 |
| 17 | 1.06 | 1.13 | 1.61 | 1.03 | 1.93 | 2.27 | 2.85 | 2.06 | 1.82 | 1.60 | 1.58 | 1.66 |
| 18 | .99 | 1.15 | 1.38 | 1.08 | 1.95 | 2.23 | 2.73 | 2.13 | 1.83 | 1.58 | 1.57 | 1.56 |
| 19 | 1.08 | 1.14 | 1.15 | 1.15 | 1.97 | 2.26 | 2.65 | 2.21 | 1.85 | 1.54 | 1.54 | 1.52 |
| 20 | 1.21 | 1.11 | 1.05 | 1.09 | 2.07 | 2.27 | 2.58 | 2.15 | 1.82 | 1.46 | 1.49 | 1.55 |
| 21 | 1.16 | 1.07 | 1.21 | 1.06 | 2.17 | 2.34 | 2.55 | 2.11 | 1.82 | 1.45 | 1.43 | 1.58 |
| 22 | 1.03 | 1.05 | 1.36 | 1.03 | 2.28 | 2.48 | 2.63 | 2.18 | 1.84 | 1.44 | 1.41 | 1.48 |
| 23 | 1.16 | 1.04 | 1.19 | 1.02 | 2.24 | 2.61 | 2.64 | 2.22 | 1.83 | 1.45 | 1.42 | 1.45 |
| 24 | 1.15 | 1.02 | 1.03 | 1.00 | 2.19 | 2.63 | 2.68 | 2.23 | 1.82 | 1.40 | 1.41 | 1.49 |
| 25 | 1.15 | 1.05 | 1.10 | .95 | 2.16 | 2.66 | 2.69 | 2.32 | 1.78 | 1.38 | 1.37 | 1.50 |
| 26 | 1.12 | 1.03 | 1.08 | .90 | 2.15 | 2.70 | 2.69 | 2.38 | 1.78 | 1.39 | 1.41 | 1.61 |
| 27 | 1.01 | 1.00 | 1.11 | .88 | 2.17 | 2.70 | 2.62 | 2.49 | 1.79 | 1.39 | 1.41 | 1.71 |
| 28 | 1.03 | .96 | 1.19 | .87 | 2.10 | 2.70 | 2.52 | 2.61 | 1.80 | 1.40 | 1.36 | 1.72 |
| 29 | 1.07 | | 1.28 | .91 | 2.00 | 2.73 | 2.42 | 2.59 | 1.78 | 1.47 | 1.42 | 1.62 |
| 30 | 1.02 | | 1.35 | .99 | 1.98 | 2.83 | 2.41 | 2.54 | 1.75 | 1.53 | 1.47 | 1.60 |
| 31 | 1.06 | | 1.23 | | 2.05 | | 2.39 | 2.46 | | 1.59 | | 1.63 |
| Mean | - | - | - | - | - | - | - | - | - | - | - | - |
| Maximum | - | - | - | - | - | - | - | - | - | - | - | - |
| Minimum | - | - | - | - | - | - | - | - | - | - | - | - |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

Missing - flag "--"

Original - no flag set

 Institute of Hydrology
 River gaugings for station 17011 :

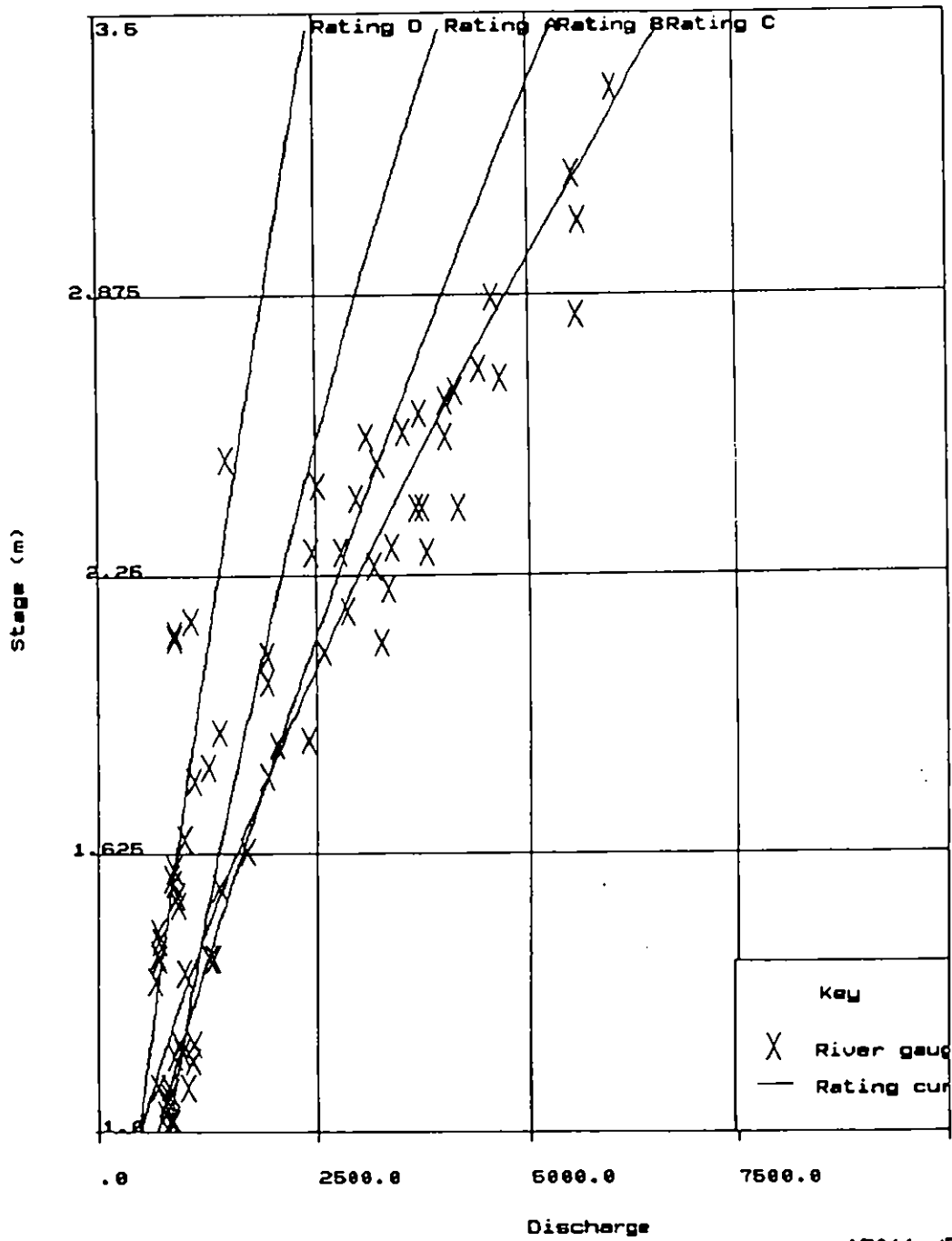
| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|-----------------|----------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. † | Diff./Rat. (m) | Plot |
| 1 | 5 Jan 1994 | A | 1.020 | .950 | 887.37 | 843.000 | 810.865 | 32.135 | 4.0 | -.04/A | <- |
| 2 | 10 Jan 1994 | A | 1.170 | .890 | 975.28 | 868.000 | 934.450 | -66.450 | -7.1 | .08/A | -> |
| 3 | 17 Jan 1994 | A | 1.070 | .910 | 860.44 | 783.000 | 851.047 | -68.047 | -8.0 | .09/A | -> |
| 4 | 21 Jan 1994 | A | 1.200 | .800 | 1152.50 | 922.000 | 960.262 | -38.262 | -4.0 | .04/A | -> |
| 5 | 27 Jan 1994 | A | 1.010 | .920 | 833.70 | 767.000 | 802.950 | -35.950 | -4.5 | .05/A | -> |
| 6 | 3 Feb 1994 | A | 1.090 | .800 | 1032.50 | 826.000 | 867.403 | -41.403 | -4.8 | .05/A | -> |
| 7 | 11 Feb 1994 | A | 1.160 | .930 | 1150.54 | 1070.000 | 925.927 | 144.073 | 15.6 | -.16/A | <<- |
| 8 | 17 Feb 1994 | A | 1.100 | .850 | 1188.24 | 1010.000 | 875.642 | 134.358 | 15.3 | -.16/A | <<- |
| 9 | 25 Feb 1994 | A | 1.040 | .840 | 903.57 | 759.000 | 826.816 | -67.816 | -8.2 | .09/A | -> |
| 10 | 3 Mar 1994 | A | .900 | .870 | 814.94 | 709.000 | 718.545 | -9.545 | -1.3 | .01/A | - |
| 11 | 10 Mar 1994 | A | .930 | .820 | 964.63 | 791.000 | 741.081 | 49.919 | 6.7 | -.06/A | <- |
| 12 | 17 Mar 1994 | B | 1.630 | 1.040 | 1625.00 | 1690.000 | 1636.642 | 53.358 | 3.3 | -.03/B | <- |
| 13 | 19 Mar 1994 | B | 1.200 | .900 | 1211.11 | 1090.000 | 949.675 | 140.325 | 14.8 | -.09/B | <- |
| 14 | 22 Mar 1994 | B | 1.390 | .910 | 1384.62 | 1260.000 | 1242.611 | 17.389 | 1.4 | -.01/B | - |
| 15 | 25 Mar 1994 | B | 1.100 | .840 | 952.38 | 800.000 | 803.179 | -3.179 | -.4 | .00/B | - |
| 16 | 30 Mar 1994 | B | 1.360 | .940 | 1035.11 | 973.000 | 1195.171 | -222.171 | -18.6 | .14/B | ->> |
| 17 | 1 Apr 1994 | B | 1.080 | .930 | 850.54 | 791.000 | 774.574 | 16.426 | 2.1 | -.01/B | - |
| 18 | 5 Apr 1994 | B | 1.030 | .910 | 917.58 | 835.000 | 704.130 | 130.870 | 18.6 | -.09/B | <- |
| 19 | 7 Apr 1994 | B | 1.800 | 1.160 | 1655.17 | 1920.000 | 1930.052 | -10.052 | -.5 | .01/B | - |
| 20 | 11 Apr 1994 | B | 1.390 | .890 | 1471.91 | 1310.000 | 1242.611 | 67.389 | 5.4 | -.04/B | <- |
| 21 | 15 Apr 1994 | B | 1.180 | .850 | 1114.12 | 947.000 | 919.927 | 27.073 | 2.9 | -.02/B | - |
| 22 | 20 Apr 1994 | B | 1.100 | .700 | 958.57 | 671.000 | 803.179 | -132.179 | -16.5 | .09/B | -> |
| 23 | 26 Apr 1994 | B | .910 | .770 | 684.42 | 527.000 | 541.732 | -14.732 | -2.7 | .01/B | - |
| 24 | 29 Apr 1994 | B | .890 | .660 | 754.55 | 498.000 | 515.651 | -17.651 | -3.4 | .01/B | - |
| 25 | 3 May 1994 | C | 1.880 | 1.030 | 2339.81 | 2410.000 | 2116.407 | 293.593 | 13.9 | -.13/C | <<- |
| 26 | 5 May 1994 | C | 1.550 | .760 | 1802.63 | 1370.000 | 1411.511 | -41.511 | -2.9 | .02/C | -> |
| 27 | 10 May 1994 | C | 2.300 | 1.300 | 2930.77 | 3810.000 | 3140.482 | 669.518 | 21.3 | -.25/C | <<<- |
| 28 | 12 May 1994 | C | 2.100 | 1.420 | 2302.82 | 3270.000 | 2636.205 | 633.795 | 24.0 | -.25/C | <<<- |
| 29 | 16 May 1994 | C | 1.870 | 1.010 | 2019.80 | 2040.000 | 2093.690 | -53.690 | -2.6 | .02/C | -> |
| 30 | 23 May 1994 | C | 2.270 | 1.200 | 2658.33 | 3190.000 | 3062.990 | 127.010 | 4.1 | -.05/C | <- |
| 31 | 27 May 1994 | C | 2.170 | 1.190 | 2411.76 | 2870.000 | 2809.367 | 60.633 | 2.2 | -.02/C | <- |
| 32 | 31 May 1994 | C | 2.010 | .920 | 2086.96 | 1920.000 | 2419.003 | -499.003 | -20.6 | .22/C | ->> |
| 33 | 7 Jun 1994 | C | 2.500 | 1.130 | 2858.41 | 3230.000 | 3673.181 | -443.181 | -12.1 | .17/C | ->> |
| 34 | 13 Jun 1994 | C | 2.710 | 1.600 | 2768.75 | 4430.000 | 4261.502 | 168.498 | 4.0 | -.06/C | <- |
| 35 | 17 Jun 1994 | C | 2.300 | 1.480 | 1885.14 | 2790.000 | 3140.482 | -350.482 | -11.2 | .14/C | ->> |
| 36 | 23 Jun 1994 | C | 2.570 | 1.670 | 2119.76 | 3540.000 | 3866.062 | -326.062 | -8.4 | .12/C | -> |
| 37 | 28 Jun 1994 | C | 2.690 | 1.860 | 2510.75 | 4670.000 | 4204.233 | 465.767 | 11.1 | -.16/C | <<- |
| 38 | 30 Jun 1994 | C | 2.830 | 1.930 | 2880.83 | 5560.000 | 4610.460 | 949.540 | 20.6 | -.31/C | <<<- |
| 39 | 4 Jul 1994 | C | 2.870 | 1.640 | 2792.68 | 4580.000 | 4728.788 | -148.788 | -3.1 | .05/C | -> |
| 40 | 7 Jul 1994 | C | 3.140 | 2.010 | 2741.29 | 5510.000 | 5552.978 | -42.978 | -.8 | .01/C | - |
| 41 | 12 Jul 1994 | C | 3.330 | 1.750 | 3422.86 | 5990.000 | 6158.709 | -168.709 | -2.7 | .05/C | -> |

Institute of Hydrology

River gaugings for station 17011 :

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | Discharge | | | Stage | | |
|--------------|-------------|--------|-----------|----------------|-------------|-------------------|---------------------|-----------|-------|--------|-------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | (cumecs) | t | (m) | |
| 42 | 15 Jul 1994 | C | 3.040 | 1.660 | 3367.47 | 5590.000 | 5242.620 | 347.380 | 6.6 | -.11/C | <- |
| 43 | 19 Jul 1994 | C | 2.660 | 1.410 | 2943.26 | 4150.000 | 4118.812 | 31.188 | .8 | -.01/C | - |
| 44 | 22 Jul 1994 | C | 2.610 | 1.310 | 2839.69 | 3720.000 | 3977.740 | -257.740 | -6.5 | .09/C | -> |
| 45 | 27 Jul 1994 | C | 2.640 | 1.440 | 2798.61 | 4030.000 | 4062.188 | -32.188 | -.8 | .01/C | - |
| 46 | 29 Jul 1994 | C | 2.400 | 1.350 | 2725.93 | 3680.000 | 3403.376 | 276.624 | 8.1 | -.10/C | <- |
| 47 | 29 Jul 1994 | C | 2.400 | 1.330 | 2766.92 | 3680.000 | 3403.376 | 276.624 | 8.1 | -.10/C | <- |
| 48 | 2 Aug 1994 | C | 2.400 | 1.380 | 2717.39 | 3750.000 | 3403.376 | 346.624 | 10.2 | -.13/C | <<- |
| 49 | 8 Aug 1994 | C | 2.560 | 1.420 | 2838.03 | 4030.000 | 3838.308 | 191.692 | 5.0 | -.07/C | <- |
| 50 | 12 Aug 1994 | C | 2.400 | 1.330 | 3142.86 | 4180.000 | 3403.376 | 776.624 | 22.8 | -.28/C | <<<- |
| 51 | 16 Aug 1994 | C | 2.080 | 1.000 | 2590.00 | 2590.000 | 2587.405 | 2.595 | .1 | .00/C | - |
| 52 | 19 Aug 1994 | C | 2.220 | 1.220 | 2754.10 | 3360.000 | 2935.271 | 424.729 | 14.5 | -.16/C | <<- |
| 53 | 25 Aug 1994 | C | 2.310 | 1.350 | 2511.11 | 3390.000 | 3166.455 | 223.545 | 7.1 | -.08/C | <- |
| 54 | 30 Aug 1994 | C | 2.560 | 1.530 | 2032.68 | 3110.000 | 3838.308 | -728.308 | -19.0 | .27/C | ->>> |
| 55 | 1 Sep 1994 | C | 2.420 | 1.370 | 2182.48 | 2990.000 | 3456.790 | -466.790 | -13.5 | .18/C | ->> |
| 56 | 6 Sep 1994 | C | 2.450 | 1.130 | 2221.24 | 2510.000 | 3537.426 | -1027.426 | -29.0 | .40/C | ->>>> |
| 57 | 9 Sep 1994 | C | 2.300 | 1.290 | 1891.47 | 2440.000 | 3140.482 | -700.482 | -22.3 | .28/C | ->>> |
| 58 | 12 Sep 1994 | D | 2.070 | 1.010 | 1910.89 | 1930.000 | 1223.932 | 706.068 | 57.7 | -.85/D | <<<<- |
| 59 | 15 Sep 1994 | D | 1.900 | .990 | 1393.94 | 1380.000 | 1091.816 | 288.184 | 26.4 | -.37/D | <<<<- |
| 60 | 21 Sep 1994 | D | 1.820 | .960 | 1302.08 | 1250.000 | 1030.873 | 219.127 | 21.3 | -.28/D | <<<- |
| 61 | 27 Sep 1994 | D | 1.790 | .880 | 1238.64 | 1090.000 | 1008.229 | 81.771 | 8.1 | -.11/D | <- |
| 62 | 3 Oct 1994 | D | 1.660 | .800 | 1223.75 | 979.000 | 911.476 | 67.524 | 7.4 | -.09/D | <- |
| 63 | 7 Oct 1994 | D | 1.530 | .820 | 1081.71 | 887.000 | 817.039 | 69.961 | 8.6 | -.10/D | <- |
| 64 | 13 Oct 1994 | D | 1.510 | .900 | 1013.33 | 912.000 | 802.724 | 109.276 | 13.6 | -.15/D | <<- |
| 65 | 19 Oct 1994 | D | 1.560 | .940 | 911.70 | 857.000 | 838.619 | 18.381 | 2.2 | -.03/D | <- |
| 66 | 26 Oct 1994 | D | 1.390 | .920 | 746.74 | 687.000 | 718.089 | -31.089 | -4.3 | .04/D | -> |
| 67 | 31 Oct 1994 | D | 1.590 | .930 | 919.35 | 855.000 | 860.329 | -5.329 | -.6 | .01/D | - |
| 68 | 3 Nov 1994 | D | 1.450 | .850 | 789.41 | 671.000 | 760.135 | -89.135 | -11.7 | .13/D | ->> |
| 69 | 9 Nov 1994 | D | 1.400 | .860 | 775.58 | 667.000 | 725.058 | -58.058 | -8.0 | .08/D | -> |
| 70 | 14 Nov 1994 | D | 1.570 | .860 | 952.33 | 819.000 | 845.842 | -26.842 | -3.2 | .04/D | -> |
| 71 | 21 Nov 1994 | D | 1.430 | .770 | 893.51 | 688.000 | 746.058 | -58.058 | -7.8 | .08/D | -> |
| 72 | 28 Nov 1994 | D | 1.340 | .860 | 756.98 | 651.000 | 683.479 | -32.479 | -4.8 | .05/D | -> |
| 73 | 8 Dec 1994 | D | 2.110 | .920 | 934.78 | 860.000 | 1255.516 | -395.516 | -31.5 | .52/D | ->>>> |
| 74 | 13 Dec 1994 | D | 2.510 | .910 | 1604.40 | 1460.000 | 1581.125 | -121.125 | -7.7 | .15/D | ->> |
| 75 | 29 Dec 1994 | D | 2.120 | .850 | 1011.76 | 860.000 | 1263.441 | -403.441 | -31.9 | .53/D | ->>>> |
| 76 | 5 Jan 1995 | D | 2.150 | .810 | 1296.30 | 1050.000 | 1287.286 | -237.286 | -18.4 | .30/D | ->>> |

Total number of gaugings = 76 (998 maximum)



 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 17011 Name :

Basin number : 0 Latitude : 0: 0: 0 Longitude : 0: 0: 0 Altitude : .0
 Area : 1.0

Year : 1994

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|----------|----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|----------|
| 1 | - | 911.32 | 741.10 | 796.37 | 1115.96 | 2844.43 | 4893.27 | 3330.46 | 3473.56 | 984.78 | 822.46 | 796.49 |
| 2 | - | 968.07 | 723.22 | 744.47 | 1942.21 | 3066.37 | 4900.63 | 3473.67 | 3483.60 | 943.81 | 778.72 | 820.63 |
| 3 | - | 887.23 | 728.84 | 757.07 | 1982.38 | 3137.25 | 4821.94 | 3581.39 | 3523.99 | 917.00 | 758.38 | 826.02 |
| 4 | - | 905.96 | 717.63 | 640.77 | 1611.09 | 3179.52 | 4773.42 | 3622.08 | 3625.51 | 920.68 | 732.06 | 837.72 |
| 5 | 817.83 | 969.03 | 738.26 | 814.36 | 1502.82 | 3320.81 | 4863.40 | 3669.78 | 3608.52 | 894.07 | 707.67 | 849.47 |
| 6 | 811.90 | 984.25 | 744.88 | 1300.09 | 1842.45 | 3585.01 | 5220.05 | 3707.40 | 3500.53 | 848.58 | 708.54 | 882.19 |
| 7 | 865.61 | 998.86 | 738.33 | 1817.68 | 2059.94 | 3673.20 | 5486.74 | 3783.04 | 3340.41 | 818.84 | 734.67 | 910.57 |
| 8 | 962.70 | 1112.57 | 789.28 | 1763.06 | 2073.96 | 3731.42 | 5726.48 | 3862.61 | 3254.74 | 807.19 | 738.17 | 897.72 |
| 9 | 1009.78 | 1066.40 | 771.73 | 1476.23 | 2322.77 | 3835.04 | 6049.93 | 3911.31 | 3079.41 | 824.23 | 733.79 | 933.68 |
| 10 | 937.80 | 956.15 | 744.89 | 1314.70 | 3169.72 | 4080.15 | 6284.86 | 3866.20 | 2847.25 | 847.66 | 739.92 | 1013.94 |
| 11 | 922.76 | 972.29 | 736.38 | 1230.76 | 3158.33 | 4272.36 | 6272.58 | 3663.13 | 2682.43 | 872.16 | 755.74 | 1039.40 |
| 12 | 935.62 | 1016.38 | 714.87 | 1183.39 | 2541.35 | 4319.08 | 6090.29 | 3530.79 | 1207.27 | 838.65 | 787.60 | 1010.16 |
| 13 | 869.58 | 984.28 | 752.55 | 1144.41 | 2211.30 | 4140.65 | 5675.59 | 3350.71 | 1147.77 | 798.28 | 817.95 | 943.85 |
| 14 | 863.41 | 971.16 | 774.60 | 1002.53 | 2213.88 | 3749.29 | 5269.85 | 3015.70 | 1103.35 | 778.71 | 850.38 | 894.98 |
| 15 | 929.22 | 919.78 | 790.74 | 888.76 | 2164.98 | 3467.15 | 5196.60 | 2713.44 | 1082.25 | 792.04 | 863.96 | 886.73 |
| 16 | 917.56 | 848.14 | 988.10 | 780.08 | 2136.39 | 3268.01 | 5052.03 | 2593.53 | 1054.59 | 830.54 | 854.89 | 907.80 |
| 17 | 846.16 | 893.38 | 1473.03 | 721.64 | 2222.59 | 3076.03 | 4677.56 | 2566.23 | 1034.66 | 861.24 | 852.17 | 902.33 |
| 18 | 803.03 | 914.28 | 1228.31 | 778.27 | 2277.70 | 2982.98 | 4333.85 | 2713.32 | 1039.40 | 851.28 | 844.04 | 844.08 |
| 19 | 863.61 | 906.91 | 900.61 | 852.06 | 2348.20 | 3030.91 | 4094.24 | 2865.91 | 1048.88 | 820.66 | 822.44 | 816.15 |
| 20 | 949.61 | 882.92 | 778.49 | 794.29 | 2563.59 | 3082.39 | 3907.93 | 2765.85 | 1033.71 | 773.41 | 787.61 | 831.42 |
| 21 | 917.67 | 853.11 | 963.57 | 746.24 | 2813.00 | 3268.28 | 3848.80 | 2694.63 | 1032.77 | 760.14 | 749.59 | 841.36 |
| 22 | 845.17 | 835.87 | 1132.99 | 707.63 | 3040.69 | 3616.05 | 4009.45 | 2825.15 | 1043.19 | 754.85 | 734.67 | 787.62 |
| 23 | 911.26 | 825.82 | 937.56 | 688.51 | 2983.05 | 3939.53 | 4072.81 | 2925.80 | 1038.45 | 754.86 | 737.29 | 766.32 |
| 24 | 918.50 | 815.84 | 744.78 | 657.53 | 2865.87 | 4037.52 | 4165.04 | 2986.29 | 1028.04 | 727.69 | 729.43 | 785.81 |
| 25 | 914.28 | 829.83 | 787.12 | 594.88 | 2790.66 | 4122.41 | 4200.66 | 3182.98 | 1004.47 | 713.74 | 711.14 | 804.55 |
| 26 | 884.07 | 817.84 | 783.50 | 533.61 | 2768.85 | 4218.55 | 4179.33 | 3367.14 | 1001.65 | 717.22 | 728.55 | 874.06 |
| 27 | 815.94 | 794.13 | 826.72 | 504.35 | 2781.37 | 4232.83 | 3995.58 | 3649.86 | 1008.23 | 718.96 | 727.68 | 940.11 |
| 28 | 820.84 | 764.97 | 936.88 | 497.92 | 2627.38 | 4243.59 | 3728.38 | 3928.96 | 1012.94 | 730.32 | 706.81 | 945.67 |
| 29 | 841.94 | | 1067.17 | 548.47 | 2419.22 | 4344.47 | 3487.13 | 3911.36 | 999.77 | 773.43 | 738.20 | 889.51 |
| 30 | 819.84 | | 1142.47 | 682.97 | 2374.62 | 4614.57 | 3426.72 | 3772.84 | 982.90 | 817.07 | 772.52 | 872.14 |
| 31 | 847.08 | | 989.66 | | 2536.44 | | 3373.48 | 3578.14 | | 850.38 | | 886.73 |
| Mean | 883.07 | 914.53 | 867.36 | 898.77 | 2369.8 | 3682.7 | 4712.2 | 3335.8 | 1877.5 | 817.5 | 767.57 | 878.68 |
| Maximum | 1009.8 | 1112.6 | 1473.0 | 1817.7 | 3169.7 | 4614.6 | 6284.9 | 3929.0 | 3625.5 | 984.78 | 863.96 | 1039.4 |
| Minimum | 803.03 | 764.97 | 714.87 | 497.92 | 1116.0 | 2844.4 | 3373.5 | 2566.2 | 982.9 | 713.74 | 706.81 | 766.32 |
| Runoff | 2365202. | 2212424. | 2323146. | 2329613. | 6347183. | 9545458. | ***** | 8934597. | 4866413. | 2189589. | 1989537. | 2353467. |

Flows in cubic metres per second

 Annual statistics

Maximum 6284.856 Minimum 497.919 Mean 1852.258 cubic metres per second
 Total 58412.800 million cubic metres Runoff ***** millimetres

 Possible data flags

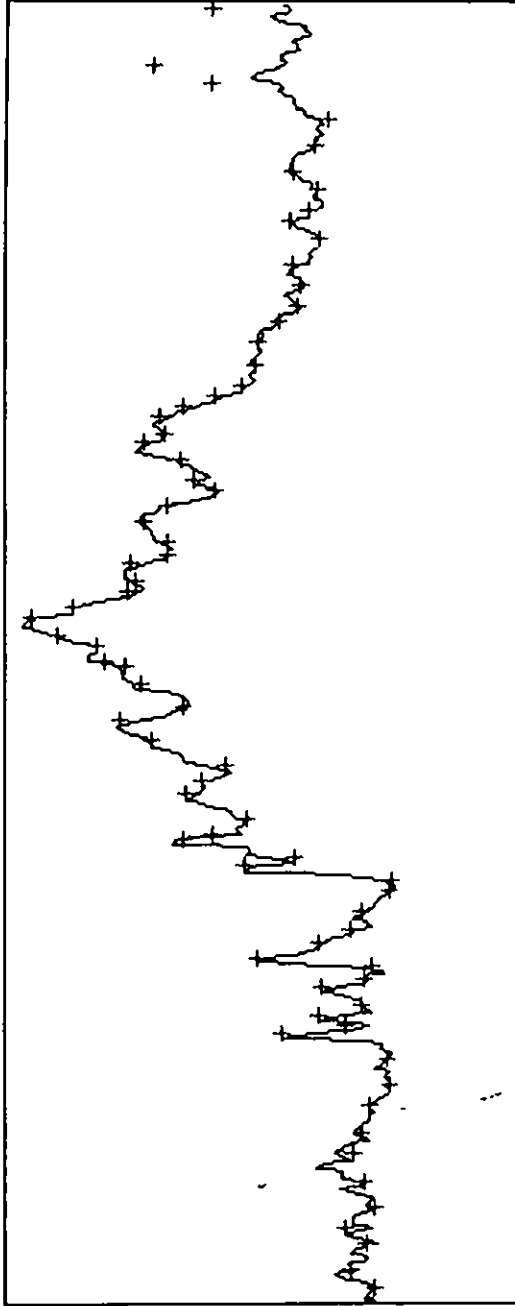
Missing - flag "--" Original - no flag set Estimate - flag "e"

017011

1994

3.5

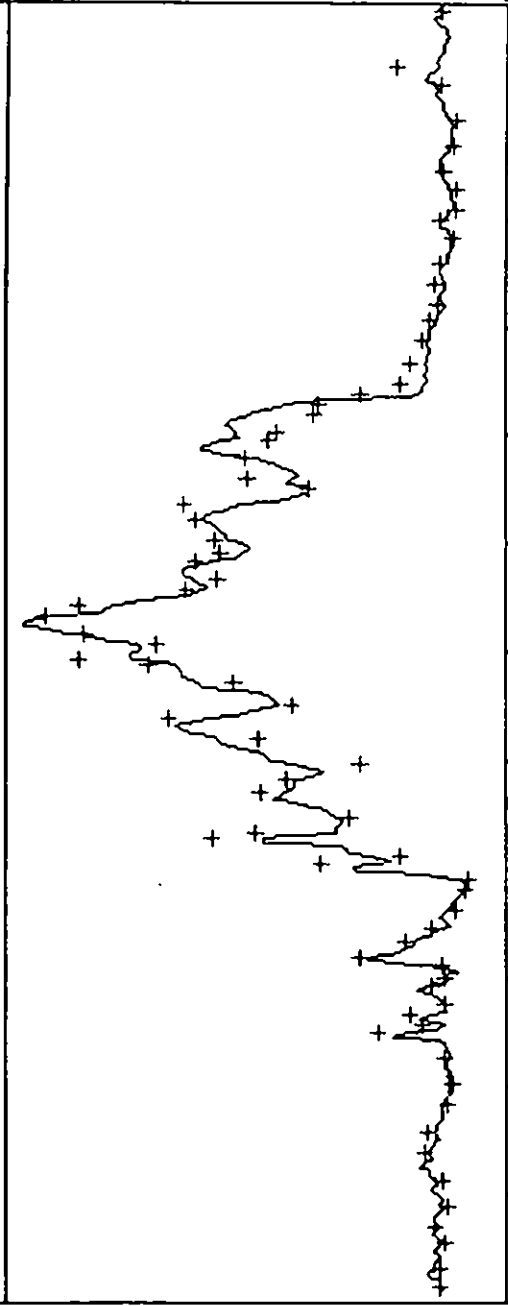
(metres)



Level

6500

(cumecs)

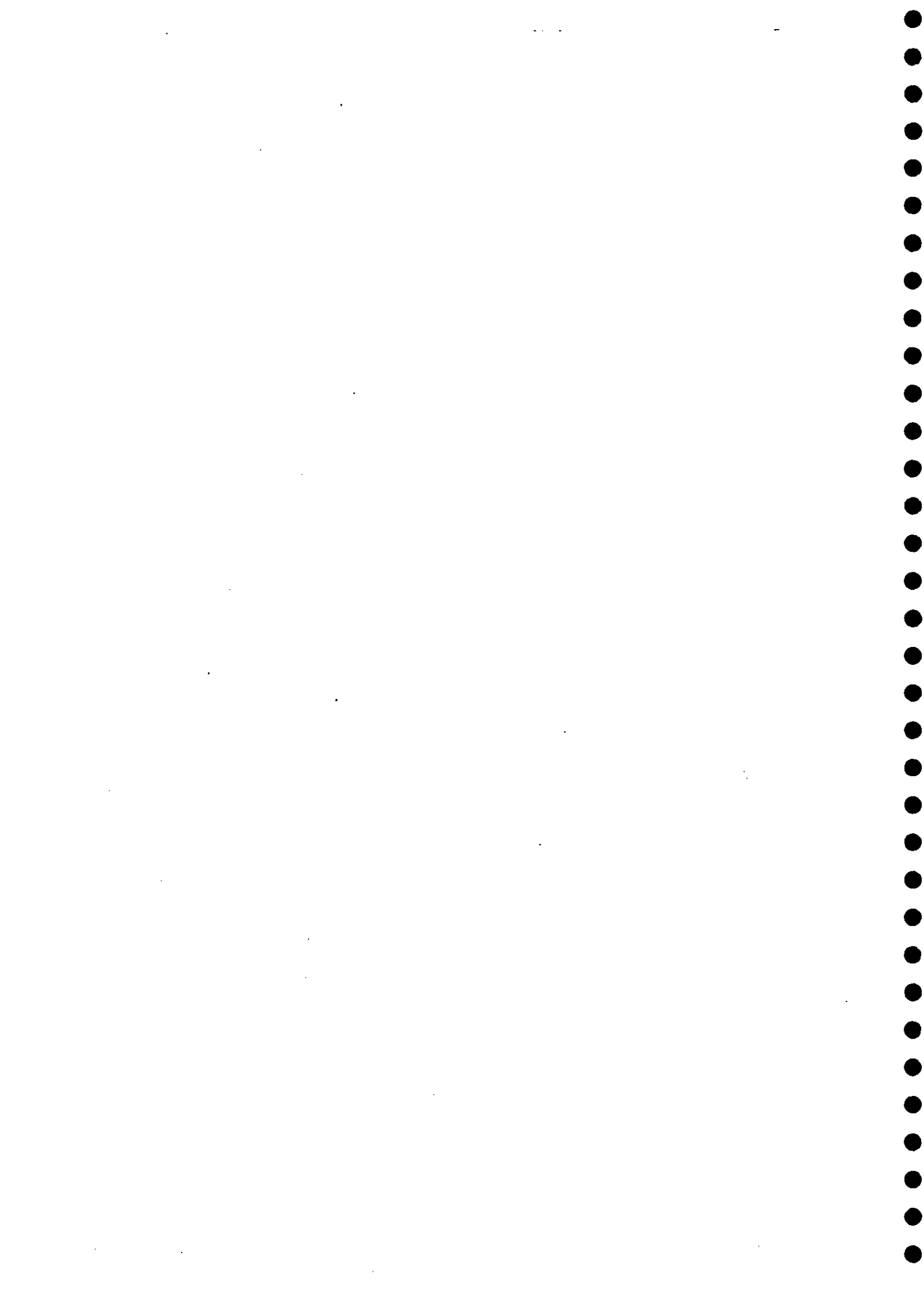


Flow

0

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Station :17016 Amudarya -Darganata



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 17018 Name : Amudaria-Darganata

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1994

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|----|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 1.94 | 1.74 | 1.78 | 2.15 | 1.71 | 2.82 | 4.13 | 3.81 | 3.52 | 2.35 | 1.80 | 1.86 |
| 2 | 1.90 | 1.76 | 1.78 | 2.23 | 1.70 | 2.80 | 4.21 | 3.77 | 3.40 | 2.34 | 1.87 | 1.89 |
| 3 | 1.90 | 1.80 | 1.78 | 2.32 | 1.70 | 2.84 | 4.35 | 3.72 | 3.37 | 2.35 | 1.97 | 1.90 |
| 4 | 1.96 | 1.82 | 1.76 | 2.35 | 2.05 | 3.02 | 4.45 | 3.70 | 3.31 | 2.32 | 2.04 | 1.95 |
| 5 | 1.97 | 1.87 | 1.75 | 2.28 | 2.69 | 3.12 | 4.47 | 3.72 | 3.20 | 2.29 | 2.04 | 1.99 |
| 6 | 1.95 | 1.97 | 1.73 | 2.17 | 2.55 | 3.17 | 4.45 | 3.73 | 3.14 | 2.26 | 1.98 | 2.02 |
| 7 | 1.94 | 1.90 | 1.72 | 2.14 | 2.33 | 3.15 | 4.43 | 3.74 | 3.11 | 2.21 | 1.91 | 2.08 |
| 8 | 1.93 | 1.86 | 1.73 | 2.18 | 2.20 | 3.21 | 4.45 | 3.77 | 3.11 | 2.19 | 1.88 | 2.10 |
| 9 | 1.92 | 1.97 | 1.76 | 2.87 | 2.30 | 3.36 | 4.46 | 3.80 | 3.08 | 2.18 | 1.84 | 2.14 |
| 10 | 1.92 | 2.09 | 1.79 | 2.93 | 2.63 | 3.47 | 4.45 | 3.81 | 3.06 | 2.14 | 1.82 | 2.18 |
| 11 | 1.96 | 2.03 | 1.80 | 2.77 | 2.66 | 3.53 | 4.50 | 3.84 | 3.02 | 2.02 | 1.78 | 2.23 |
| 12 | 2.13 | 2.00 | 1.81 | 2.62 | 3.22 | 3.61 | 4.56 | 3.87 | 2.93 | 1.99 | 1.78 | 2.37 |
| 13 | 2.07 | 1.99 | 1.85 | 2.38 | 3.65 | 3.80 | 4.66 | 3.89 | 2.86 | 1.99 | 1.76 | 2.51 |
| 14 | 2.03 | 1.97 | 1.93 | 2.29 | 3.57 | 3.96 | 4.73 | 3.88 | 2.83 | 1.99 | 1.78 | 2.46 |
| 15 | 2.01 | 2.01 | 1.88 | 2.22 | 3.29 | 4.08 | 4.78 | 3.83 | 2.78 | 1.99 | 1.84 | 2.42 |
| 16 | 1.97 | 2.01 | 1.88 | 2.22 | 3.02 | 4.05 | 4.81 | 3.68 | 2.66 | 2.07 | 1.88 | 2.22 |
| 17 | 1.88 | 1.92 | 1.88 | 2.18 | 3.01 | 3.85 | 4.80 | 3.46 | 2.58 | 2.06 | 1.94 | 2.05 |
| 18 | 1.87 | 1.87 | 1.94 | 2.10 | 2.99 | 3.68 | 4.70 | 3.33 | 2.58 | 1.92 | 1.92 | 2.02 |
| 19 | 1.89 | 1.78 | 2.43 | 2.05 | 2.96 | 3.58 | 4.66 | 3.22 | 2.56 | 1.89 | 1.97 | 2.05 |
| 20 | 1.92 | 1.78 | 2.50 | 1.87 | 2.99 | 3.48 | 4.67 | 3.20 | 2.52 | 1.88 | 2.05 | 2.10 |
| 21 | 1.86 | 1.84 | 2.31 | 1.94 | 2.98 | 3.45 | 4.35 | 3.30 | 2.50 | 1.94 | 2.02 | 2.04 |
| 22 | 1.83 | 1.84 | 2.22 | 1.90 | 2.99 | 3.46 | 4.18 | 3.40 | 2.51 | 1.96 | 2.00 | 1.99 |
| 23 | 1.85 | 1.81 | 2.15 | 1.92 | 3.08 | 3.44 | 4.15 | 3.29 | 2.52 | 1.96 | 1.98 | 1.99 |
| 24 | 1.92 | 1.77 | 2.14 | 1.96 | 3.26 | 3.52 | 4.18 | 3.20 | 2.52 | 1.90 | 1.96 | 2.02 |
| 25 | 1.90 | 1.74 | 2.21 | 1.95 | 3.34 | 3.71 | 4.25 | 3.28 | 2.52 | 1.83 | 1.94 | 1.98 |
| 26 | 1.83 | 1.73 | 2.39 | 1.91 | 3.23 | 3.78 | 4.20 | 3.30 | 2.47 | 1.80 | 1.85 | 1.95 |
| 27 | 1.87 | 1.77 | 2.33 | 1.89 | 3.10 | 3.88 | 4.31 | 3.32 | 2.42 | 1.78 | 1.84 | 1.94 |
| 28 | 1.94 | 1.78 | 2.23 | 1.90 | 3.12 | 3.94 | 4.31 | 3.42 | 2.36 | 1.78 | 1.85 | 2.06 |
| 29 | 1.94 | | 2.17 | 1.84 | 3.13 | 3.99 | 4.24 | 3.46 | 2.34 | 1.78 | 1.86 | 2.13 |
| 30 | 1.84 | | 2.14 | 1.80 | 3.10 | 4.08 | 4.11 | 3.50 | 2.36 | 1.77 | 1.84 | 2.33 |
| 31 | 1.72 | | 2.14 | | 2.97 | | 3.92 | 3.52 | | 1.79 | | 2.27 |

Mean - - - - -
 Maximum - - - - -
 Minimum - - - - -

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

Missing - flag "-"

Original - no flag set

 Institute of Hydrology
 River gaugings for station 17018 : Amudaria-Darganata

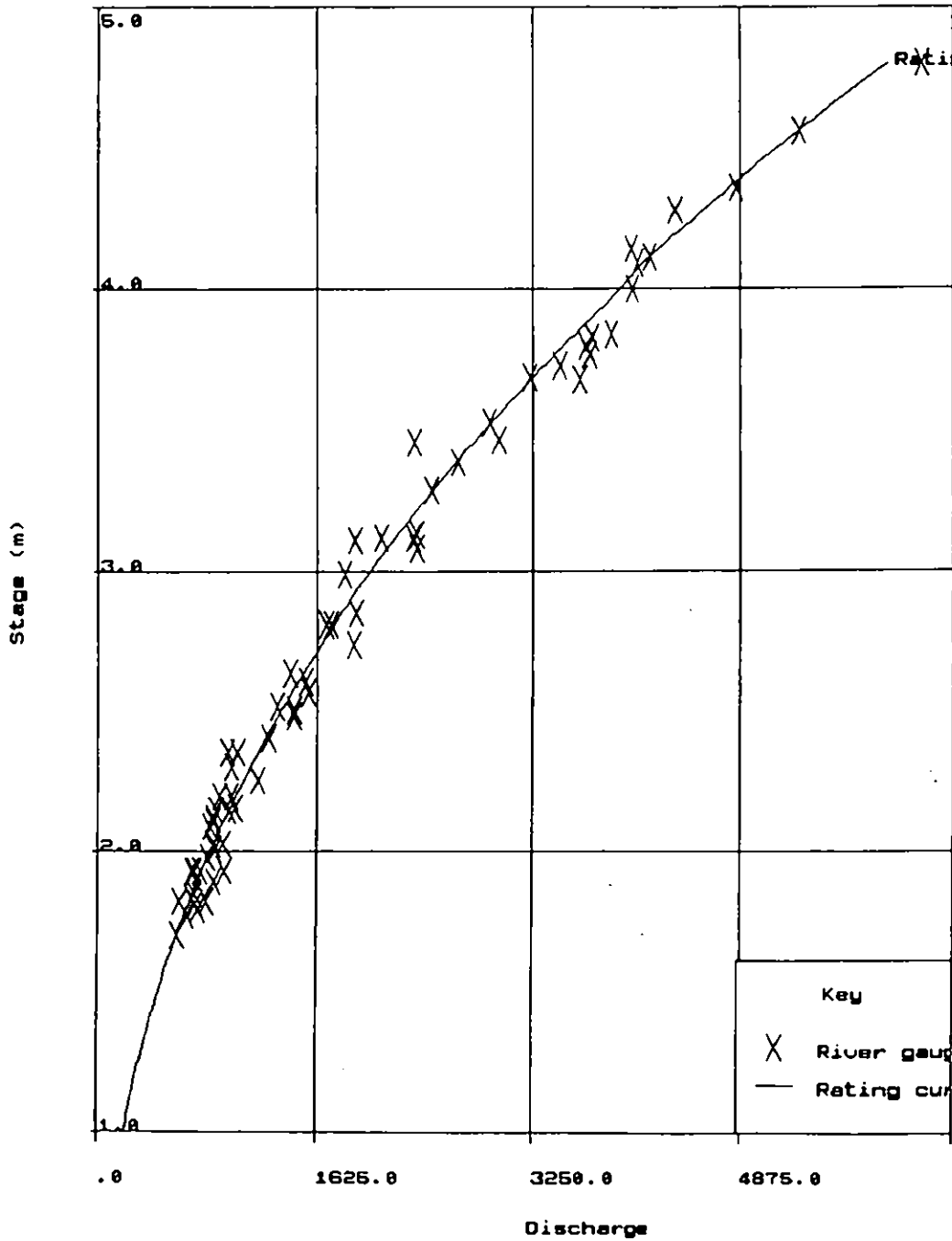
| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|-----------------|----------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. ‰ | Diff./Rat. (m) | Plot |
| 1 | 4 Feb 1994 | A | 1.810 | 1.050 | 685.71 | 720.000 | 669.802 | 50.198 | 7.5 | -.06/A | <- |
| 2 | 9 Mar 1994 | A | 1.770 | 1.030 | 636.89 | 656.000 | 638.747 | 17.253 | 2.7 | -.02/A | <- |
| 3 | 18 Mar 1994 | A | 1.930 | 1.620 | 577.78 | 936.000 | 768.322 | 167.678 | 21.8 | -.18/A | <<- |
| 4 | 23 Mar 1994 | A | 2.150 | 1.100 | 883.64 | 972.000 | 970.395 | 1.605 | .2 | .00/A | - |
| 5 | 29 Mar 1994 | A | 2.200 | 1.090 | 905.50 | 987.000 | 1020.300 | -33.300 | -3.3 | .03/A | -> |
| 6 | 29 Mar 1994 | A | 2.160 | 1.060 | 962.26 | 1020.000 | 980.256 | 39.744 | 4.1 | -.04/A | <- |
| 7 | 1 Apr 1994 | A | 2.150 | .880 | 989.77 | 871.000 | 970.395 | -99.395 | -10.2 | .10/A | -> |
| 8 | 4 Apr 1994 | A | 2.360 | .900 | 1066.67 | 960.000 | 1190.188 | -230.188 | -19.3 | .22/A | ->>> |
| 9 | 12 Apr 1994 | A | 2.570 | 1.500 | 1040.00 | 1560.000 | 1437.362 | 122.638 | 8.5 | -.10/A | <- |
| 10 | 14 Apr 1994 | A | 2.260 | 1.260 | 944.44 | 1190.000 | 1082.175 | 107.825 | 10.0 | -.10/A | <- |
| 11 | 18 Apr 1994 | A | 2.090 | .990 | 837.37 | 829.000 | 912.476 | -83.476 | -9.1 | .09/A | -> |
| 12 | 25 Apr 1994 | A | 1.930 | .800 | 891.25 | 713.000 | 768.322 | -55.322 | -7.2 | .07/A | -> |
| 13 | 30 Apr 1994 | A | 1.820 | .820 | 739.02 | 606.000 | 677.704 | -71.704 | -10.6 | .09/A | -> |
| 14 | 2 May 1994 | A | 1.700 | .780 | 750.00 | 585.000 | 586.509 | -1.509 | -.3 | .00/A | - |
| 15 | 5 May 1994 | A | 2.740 | 1.530 | 1248.37 | 1910.000 | 1658.224 | 251.776 | 15.2 | -.18/A | <<- |
| 16 | 11 May 1994 | A | 2.640 | 1.130 | 1265.49 | 1430.000 | 1526.019 | -96.019 | -6.3 | .08/A | -> |
| 17 | 13 May 1994 | A | 3.680 | 2.260 | 1597.35 | 3610.000 | 3239.140 | 370.860 | 11.4 | -.18/A | <<- |
| 18 | 18 May 1994 | A | 2.990 | 1.430 | 1286.71 | 1840.000 | 2017.974 | -177.974 | -8.8 | .12/A | ->> |
| 19 | 18 May 1994 | A | 2.990 | 1.430 | 1286.71 | 1840.000 | 2017.974 | -177.974 | -8.8 | .12/A | ->> |
| 20 | 23 May 1994 | A | 3.110 | 1.320 | 1454.55 | 1920.000 | 2205.855 | -285.855 | -13.0 | .19/A | ->> |
| 21 | 23 May 1994 | A | 3.110 | 1.320 | 1454.55 | 1920.000 | 2205.855 | -285.855 | -13.0 | .19/A | ->> |
| 22 | 28 May 1994 | A | 3.120 | 1.590 | 1484.28 | 2360.000 | 2221.965 | 138.035 | 6.2 | -.08/A | <- |
| 23 | 1 Jun 1994 | A | 2.810 | 1.240 | 1395.16 | 1730.000 | 1754.706 | -24.706 | -1.4 | .02/A | - |
| 24 | 3 Jun 1994 | A | 2.810 | 1.500 | 1133.33 | 1700.000 | 1754.706 | -54.706 | -3.1 | .04/A | -> |
| 25 | 7 Jun 1994 | A | 3.120 | 1.410 | 1503.55 | 2120.000 | 2221.965 | -101.965 | -4.6 | .06/A | -> |
| 26 | 10 Jun 1994 | A | 3.470 | 1.840 | 1630.43 | 3000.000 | 2830.788 | 169.212 | 6.0 | -.09/A | <- |
| 27 | 13 Jun 1994 | A | 3.770 | 2.440 | 1508.20 | 3680.000 | 3424.312 | 255.688 | 7.5 | -.12/A | <- |
| 28 | 15 Jun 1994 | A | 4.090 | 2.350 | 1740.43 | 4090.000 | 4133.357 | -43.357 | -1.0 | .02/A | - |
| 29 | 20 Jun 1994 | A | 3.460 | 1.460 | 1623.29 | 2370.000 | 2812.160 | -442.160 | -15.7 | .25/A | ->>> |
| 30 | 29 Jun 1994 | A | 4.000 | 2.280 | 1771.93 | 4040.000 | 3925.846 | 114.154 | 2.9 | -.05/A | <- |
| 31 | 3 Jul 1994 | A | 4.360 | 2.190 | 2214.61 | 4850.000 | 4794.735 | 55.265 | 1.2 | -.02/A | <- |
| 32 | 12 Jul 1994 | A | 4.560 | 1.620 | 3283.95 | 5320.000 | 5322.981 | -2.981 | -.1 | .00/A | - |
| 33 | 16 Jul 1994 | A | 4.800 | 1.290 | 4852.71 | 6260.000 | 6001.011 | 258.989 | 4.3 | -.09/A | <- |
| 34 | 23 Jul 1994 | A | 4.140 | 1.820 | 2214.29 | 4030.000 | 4251.414 | -221.414 | -5.2 | .09/A | -> |
| 35 | 26 Jul 1994 | A | 4.280 | 1.960 | 2234.69 | 4380.000 | 4592.634 | -212.634 | -4.6 | .09/A | -> |
| 36 | 30 Jul 1994 | A | 4.110 | 2.250 | 1862.22 | 4190.000 | 4180.340 | 9.660 | .2 | .00/A | - |
| 37 | 4 Aug 1994 | A | 3.690 | 1.910 | 1696.34 | 3240.000 | 3259.410 | -19.410 | -.6 | .01/A | - |
| 38 | 6 Aug 1994 | A | 3.730 | 2.100 | 1647.62 | 3460.000 | 3341.252 | 118.748 | 3.6 | -.06/A | <- |
| 39 | 9 Aug 1994 | A | 3.800 | 2.260 | 1619.47 | 3660.000 | 3487.411 | 172.589 | 4.9 | -.08/A | <- |
| 40 | 11 Aug 1994 | A | 3.840 | 2.330 | 1652.36 | 3850.000 | 3572.617 | 277.383 | 7.8 | -.13/A | <<- |
| 41 | 15 Aug 1994 | A | 3.830 | 2.150 | 1720.93 | 3700.000 | 3551.201 | 148.799 | 4.2 | -.07/A | <- |

 Institute of Hydrology
 River gaugings for station 17018 : Amudaria-Darganata

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ----- Stage ----- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------|-------------------|--------|-----|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | (cumecs) | t | (m) | |
| 42 | 22 Aug 1994 | A | 3.390 | 1.880 | 1436.17 | 2700.000 | 2683.821 | 16.179 | .6 | -.01/A | - |
| 43 | 26 Aug 1994 | A | 3.290 | 1.610 | 1546.58 | 2490.000 | 2506.668 | -16.668 | -.7 | .01/A | - |
| 44 | 31 Aug 1994 | A | 3.530 | 2.060 | 1422.33 | 2930.000 | 2944.105 | -14.105 | -.5 | .01/A | - |
| 45 | 6 Sep 1994 | A | 3.130 | 1.720 | 1389.53 | 2390.000 | 2238.146 | 151.854 | 6.8 | -.09/A | <- |
| 46 | 9 Sep 1994 | A | 3.080 | 11.710 | 204.10 | 2390.000 | 2157.945 | 232.055 | 10.8 | -.14/A | <<- |
| 47 | 13 Sep 1994 | A | 2.850 | 1.570 | 1229.30 | 1930.000 | 1811.311 | 118.689 | 6.6 | -.08/A | <- |
| 48 | 16 Sep 1994 | A | 2.610 | 1.290 | 1201.55 | 1550.000 | 1487.634 | 62.366 | 4.2 | -.05/A | <- |
| 49 | 20 Sep 1994 | A | 2.490 | 1.310 | 1114.50 | 1460.000 | 1339.905 | 120.095 | 9.0 | -.10/A | <- |
| 50 | 23 Sep 1994 | A | 2.520 | 1.170 | 1136.75 | 1330.000 | 1375.972 | -45.972 | -3.3 | .04/A | -> |
| 51 | 27 Sep 1994 | A | 2.410 | 1.111 | 1143.11 | 1270.000 | 1246.516 | 23.484 | 1.9 | -.02/A | <- |
| 52 | 30 Sep 1994 | A | 2.360 | 1.000 | 1040.00 | 1040.000 | 1190.188 | -150.188 | -12.6 | .14/A | ->> |
| 53 | 4 Oct 1994 | A | 2.310 | 1.020 | 970.59 | 990.000 | 1135.413 | -145.413 | -12.8 | .14/A | ->> |
| 54 | 7 Oct 1994 | A | 2.200 | .970 | 931.96 | 904.000 | 1020.300 | -116.300 | -11.4 | .12/A | -> |
| 55 | 11 Oct 1994 | A | 2.010 | .980 | 886.73 | 869.000 | 838.545 | 30.455 | 3.6 | -.03/A | <- |
| 56 | 18 Oct 1994 | A | 1.930 | .950 | 802.11 | 762.000 | 768.322 | -6.322 | -.8 | .01/A | - |
| 57 | 21 Oct 1994 | A | 1.930 | .940 | 737.23 | 693.000 | 768.322 | -75.322 | -9.8 | .09/A | -> |
| 58 | 25 Oct 1994 | A | 1.820 | .970 | 823.71 | 799.000 | 677.704 | 121.296 | 17.9 | -.15/A | <<- |
| 59 | 31 Oct 1994 | A | 1.790 | 1.050 | 702.86 | 738.000 | 654.164 | 83.836 | 12.8 | -.10/A | <- |
| 60 | 4 Nov 1994 | A | 2.030 | 1.230 | 756.91 | 931.000 | 856.677 | 74.323 | 8.7 | -.08/A | <- |
| 61 | 8 Nov 1994 | A | 1.890 | 1.340 | 639.55 | 857.000 | 734.582 | 122.418 | 16.7 | -.14/A | <<- |
| 62 | 15 Nov 1994 | A | 1.830 | 1.180 | 590.68 | 697.000 | 685.662 | 11.338 | 1.7 | -.01/A | - |
| 63 | 19 Nov 1994 | A | 2.030 | 1.250 | 684.00 | 855.000 | 856.677 | -1.677 | -.2 | .00/A | - |
| 64 | 23 Nov 1994 | A | 1.980 | 1.220 | 663.11 | 809.000 | 811.780 | -2.780 | -.3 | .00/A | - |
| 65 | 29 Nov 1994 | A | 1.850 | 1.180 | 601.69 | 710.000 | 701.745 | 8.255 | 1.2 | -.01/A | - |
| 66 | 8 Dec 1994 | A | 2.110 | 1.250 | 688.00 | 860.000 | 931.545 | -71.545 | -7.7 | .08/A | -> |
| 67 | 13 Dec 1994 | A | 2.510 | 1.220 | 1196.72 | 1460.000 | 1363.886 | 96.114 | 7.0 | -.08/A | <- |
| 68 | 29 Dec 1994 | A | 2.120 | 1.190 | 722.69 | 860.000 | 941.168 | -81.168 | -8.6 | .09/A | -> |

Total number of gaugings = 68 (998 maximum)

Amudaria-Darganata



 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 17018 Name : amudaria Darganata

Basin number : 0 Latitude : 0: 0: 0 Longitude : 0: 0: 0 Altitude : .0
 Area : 1.0

Year : 1994

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|-----|----------|----------|----------|----------|----------|--------|----------|----------|----------|----------|----------|
| 1 | - | - | 646. | 979. | 601. | 1792. | 4237. | 3527. | 2897. | 1179. | 668. | 711. |
| 2 | - | - | 646. | 1053. | 587. | 1751. | 4439. | 3422. | 2723. | 1171. | 721. | 733. |
| 3 | - | - | 645. | 1138. | 620. | 1823. | 4757. | 3328. | 2641. | 1174. | 800. | 747. |
| 4 | - | 681. | 632. | 1165. | 918. | 2049. | 5002. | 3290. | 2531. | 1146. | 858. | 785. |
| 5 | - | 723. | 623. | 1098. | 1471. | 2212. | 5068. | 3318. | 2364. | 1114. | 859. | 820. |
| 6 | - | 785. | 610. | 1000. | 1402. | 2289. | 5028. | 3341. | 2261. | 1080. | 811. | 851. |
| 7 | - | 746. | 603. | 969. | 1171. | 2287. | 4989. | 3367. | 2212. | 1034. | 756. | 898. |
| 8 | - | 725. | 610. | 1091. | 1050. | 2390. | 5025. | 3424. | 2200. | 1011. | 725. | 924. |
| 9 | - | 805. | 631. | 1736. | 1158. | 2622. | 5048. | 3482. | 2160. | 996. | 696. | 961. |
| 10 | - | 891. | 652. | 1888. | 1467. | 2819. | 5048. | 3514. | 2122. | 951. | 676. | 1001. |
| 11 | - | 860. | 662. | 1702. | 1645. | 2949. | 5165. | 3573. | 2055. | 858. | 650. | 1063. |
| 12 | - | 832. | 673. | 1488. | 2371. | 3127. | 5337. | 3635. | 1932. | 824. | 645. | 1202. |
| 13 | - | 820. | 706. | 1235. | 3056. | 3481. | 5589. | 3673. | 1833. | 821. | 635. | 1336. |
| 14 | - | 810. | 755. | 1117. | 2975. | 3825. | 5791. | 3648. | 1779. | 821. | 650. | 1306. |
| 15 | - | 834. | 731. | 1050. | 2512. | 4067. | 5935. | 3525. | 1701. | 830. | 692. | 1236. |
| 16 | - | 829. | 726. | 1036. | 2116. | 3992. | 6016. | 3223. | 1559. | 883. | 728. | 1046. |
| 17 | - | 764. | 733. | 995. | 2047. | 3604. | 5968. | 2835. | 1462. | 870. | 768. | 892. |
| 18 | - | 714. | 828. | 926. | 2016. | 3258. | 5734. | 2582. | 1447. | 772. | 767. | 854. |
| 19 | - | 655. | 1214. | 861. | 1984. | 3041. | 5617. | 2406. | 1422. | 737. | 806. | 877. |
| 20 | - | 652. | 1314. | 744. | 2010. | 2866. | 5514. | 2379. | 1379. | 734. | 862. | 909. |
| 21 | - | 688. | 1150. | 765. | 2007. | 2803. | 4820. | 2525. | 1356. | 773. | 849. | 867. |
| 22 | - | 691. | 1043. | 749. | 2033. | 2805. | 4390. | 2655. | 1364. | 792. | 830. | 826. |
| 23 | - | 669. | 978. | 762. | 2177. | 2798. | 4293. | 2511. | 1374. | 788. | 812. | 824. |
| 24 | - | 640. | 970. | 789. | 2434. | 2952. | 4360. | 2389. | 1376. | 742. | 794. | 840. |
| 25 | - | 618. | 1045. | 782. | 2553. | 3270. | 4481. | 2477. | 1368. | 690. | 770. | 813. |
| 26 | - | 613. | 1191. | 753. | 2400. | 3453. | 4445. | 2524. | 1316. | 663. | 710. | 788. |
| 27 | - | 636. | 1152. | 738. | 2220. | 3649. | 4633. | 2577. | 1257. | 648. | 696. | 791. |
| 28 | - | 645. | 1056. | 736. | 2220. | 3788. | 4646. | 2725. | 1196. | 646. | 702. | 879. |
| 29 | - | | 994. | 696. | 2230. | 3915. | 4476. | 2812. | 1174. | 645. | 707. | 967. |
| 30 | - | | 964. | 657. | 2170. | 4099. | 4164. | 2882. | 1186. | 642. | 698. | 1122. |
| 31 | - | | 962. | | 1985. | | 3770. | 2920. | | 653. | | 1101. |
| Mean | - | 733.02 | 843.38 | 1023.3 | 1858.2 | 2992.6 | 4960.9 | 3048.1 | 1788.2 | 860.87 | 744.67 | 934.51 |
| Maximum | - | 891.48 | 1313.7 | 1887.6 | 3055.7 | 4098.6 | 6015.7 | 3672.7 | 2896.8 | 1179.1 | 862.47 | 1335.7 |
| Minimum | - | 613.25 | 603.01 | 657.24 | 587.42 | 1751.2 | 3770.0 | 2378.7 | 1173.6 | 641.63 | 634.93 | 710.91 |
| Runoff | - | 1773323. | 2258900. | 2652299. | 4977136. | 7756847. | ***** | 8163898. | 4635100. | 2305755. | 1930183. | 2503003. |

Flows in cubic metres per second

 Insufficient data for annual statistics

Possible data flags

Missing - flag "--"

Original - no flag set

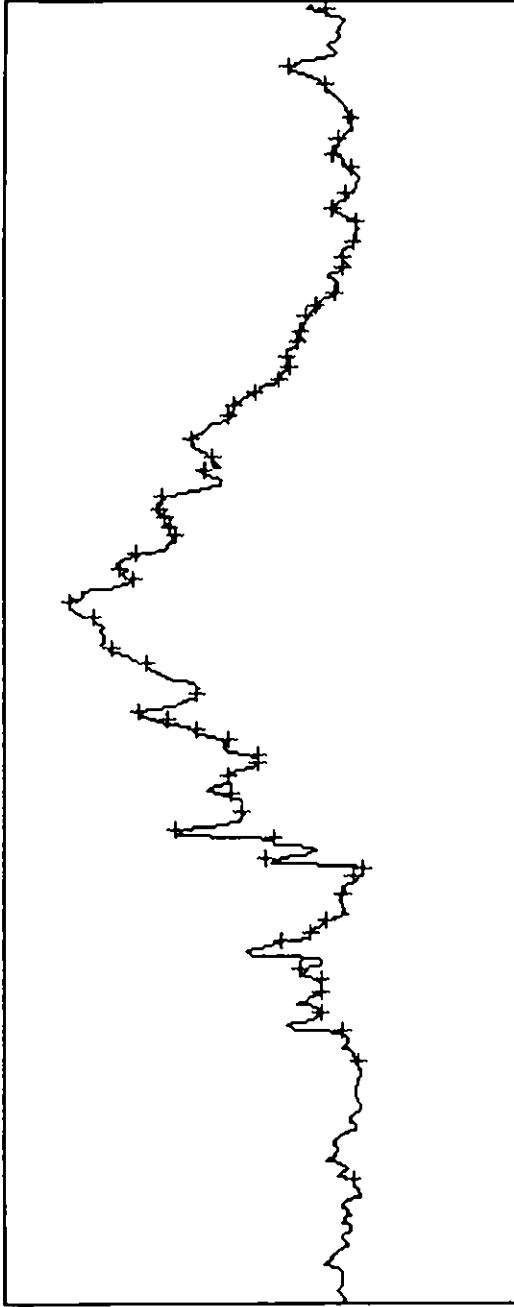
Estimate - flag "e"

017018 amudaria Darganata

1994

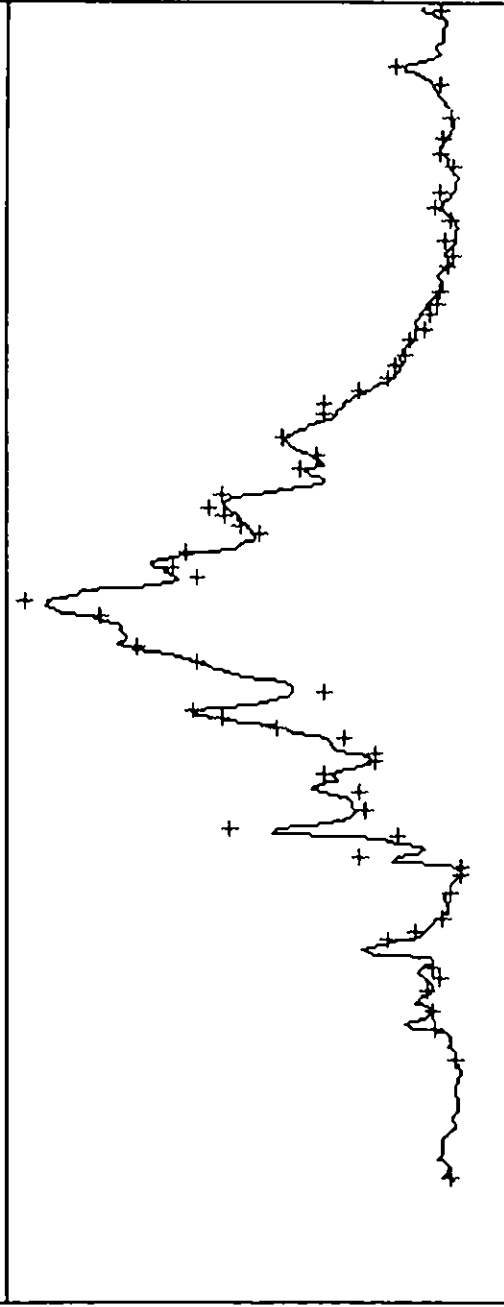
5.5

(metres)



6500

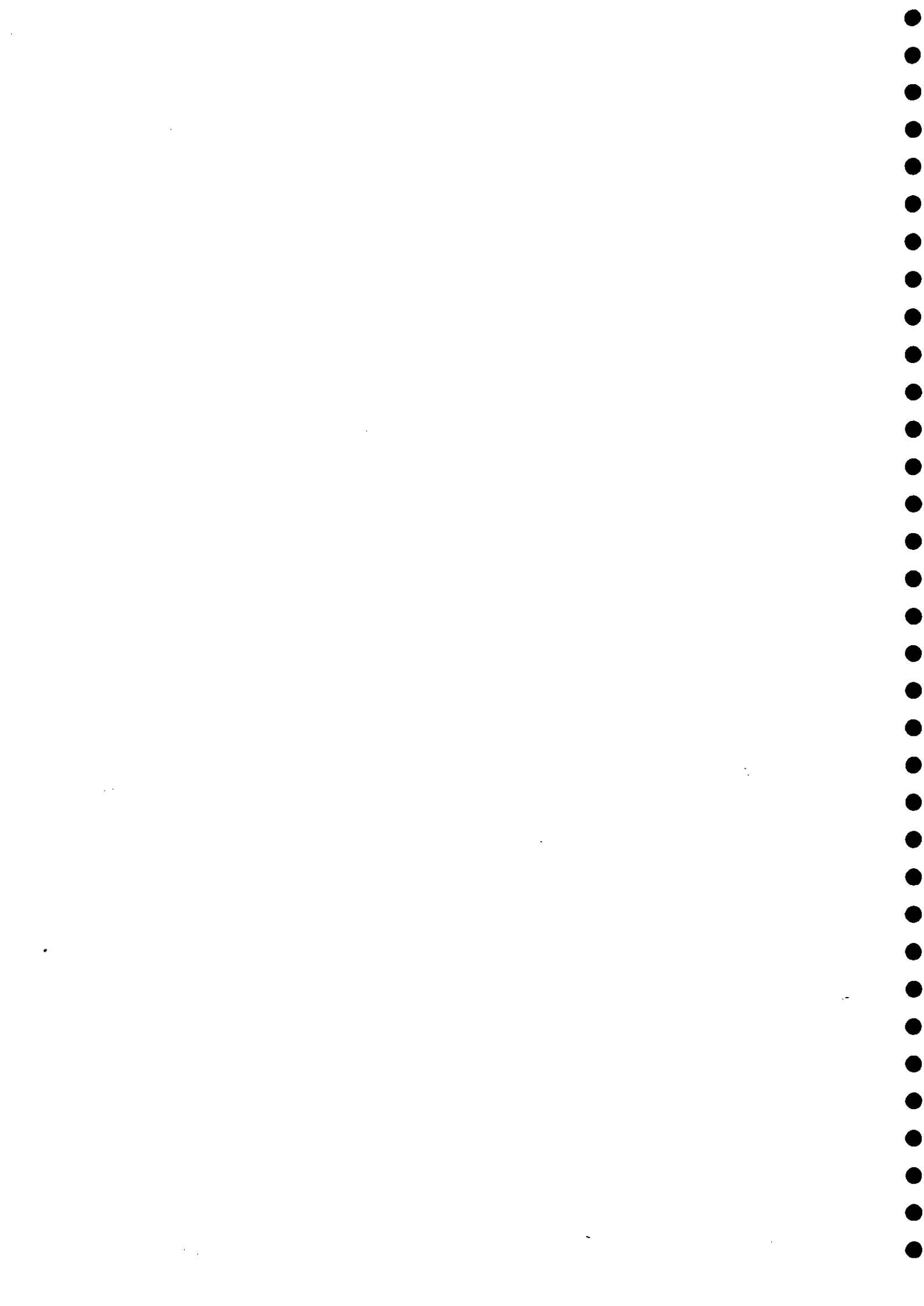
(cumecs)



0

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Station : 18073 **Murgap - Tagtabazar**



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 18073 Name : River Murgap at Tahtabasar

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1994

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 3.33 | 3.20 | 3.20 | 3.45 | 3.26 | 3.25 | 2.74 | 2.30 | 2.27 | 2.75 | 2.79 | 2.76 |
| 2 | 3.33 | 3.20 | 3.21 | 3.42 | 3.28 | 3.25 | 2.71 | 2.30 | 2.30 | 2.76 | 2.80 | 2.76 |
| 3 | 3.34 | 3.20 | 3.25 | 3.45 | 3.34 | 3.25 | 2.67 | 2.29 | 2.32 | 2.77 | 2.82 | 2.75 |
| 4 | 3.35 | 3.22 | 3.23 | 3.53 | 3.35 | 3.23 | 2.65 | 2.28 | 2.33 | 2.78 | 2.82 | 2.76 |
| 5 | 3.40 | 3.24 | 3.23 | 3.61 | 3.49 | 3.23 | 2.65 | 2.27 | 2.33 | 2.78 | 2.83 | 2.98 |
| 6 | 3.40 | 3.22 | 3.22 | 3.61 | 3.47 | 3.22 | 2.64 | 2.24 | 2.35 | 2.79 | 2.83 | 4.95 |
| 7 | 3.39 | 3.22 | 3.22 | 3.59 | 3.48 | 3.21 | 2.63 | 2.23 | 2.39 | 2.79 | 2.83 | 4.15 |
| 8 | 3.37 | 3.22 | 3.22 | 3.53 | 3.48 | 3.19 | 2.62 | 2.23 | 2.43 | 2.78 | 2.83 | 3.18 |
| 9 | 3.34 | 3.23 | 3.21 | 3.52 | 3.53 | 3.16 | 2.60 | 2.22 | 2.44 | 2.76 | 2.82 | 2.97 |
| 10 | 3.33 | 3.22 | 3.21 | 3.44 | 3.51 | 3.14 | 2.56 | 2.21 | 2.45 | 2.77 | 2.80 | 2.94 |
| 11 | 3.33 | 3.20 | 3.36 | 3.42 | 3.48 | 3.11 | 2.53 | 2.20 | 2.47 | 2.79 | 2.79 | 2.93 |
| 12 | 3.32 | 3.19 | 3.47 | 3.39 | 3.46 | 3.11 | 2.52 | 2.19 | 2.49 | 2.80 | 2.80 | 2.93 |
| 13 | 3.30 | 3.19 | 3.50 | 3.36 | 3.44 | 3.10 | 2.53 | 2.18 | 2.50 | 2.81 | 2.79 | 2.92 |
| 14 | 3.28 | 3.20 | 3.54 | 3.36 | 3.44 | 3.08 | 2.53 | 2.18 | 2.51 | 2.82 | 2.80 | 2.91 |
| 15 | 3.26 | 3.21 | 3.58 | 3.35 | 3.44 | 3.04 | 2.53 | 2.17 | 2.51 | 2.83 | 2.80 | 2.85 |
| 16 | 3.25 | 3.20 | 3.47 | 3.33 | 3.40 | 3.04 | 2.49 | 2.17 | 2.51 | 2.84 | 2.79 | 2.81 |
| 17 | 3.22 | 3.21 | 3.45 | 3.31 | 3.35 | 3.02 | 2.43 | 2.16 | 2.51 | 2.84 | 2.78 | 2.80 |
| 18 | 3.26 | 3.21 | 3.43 | 3.30 | 3.33 | 2.98 | 2.40 | 2.18 | 2.51 | 2.86 | 2.78 | 2.79 |
| 19 | 3.35 | 3.20 | 3.41 | 3.29 | 3.34 | 2.96 | 2.40 | 2.21 | 2.51 | 2.86 | 2.79 | 2.79 |
| 20 | 3.30 | 3.20 | 3.37 | 3.27 | 3.34 | 2.94 | 2.40 | 2.23 | 2.52 | 2.83 | 2.78 | 2.78 |
| 21 | 3.26 | 3.19 | 3.35 | 3.26 | 3.32 | 2.91 | 2.40 | 2.25 | 2.52 | 2.81 | 2.80 | 2.76 |
| 22 | 3.24 | 3.20 | 3.36 | 3.26 | 3.32 | 2.89 | 2.40 | 2.26 | 2.55 | 2.81 | 2.80 | 2.72 |
| 23 | 3.21 | 3.20 | 3.36 | 3.26 | 3.36 | 2.87 | 2.39 | 2.27 | 2.60 | 2.81 | 2.81 | 2.71 |
| 24 | 3.20 | 3.20 | 3.35 | 3.26 | 3.35 | 2.85 | 2.39 | 2.25 | 2.64 | 2.80 | 2.81 | 2.71 |
| 25 | 3.20 | 3.20 | 3.42 | 3.26 | 3.36 | 2.84 | 2.39 | 2.24 | 2.68 | 2.78 | 2.81 | 2.69 |
| 26 | 3.23 | 3.19 | 3.43 | 3.26 | 3.36 | 2.82 | 2.39 | 2.23 | 2.72 | 2.78 | 2.80 | 2.70 |
| 27 | 3.24 | 3.20 | 3.42 | 3.25 | 3.35 | 2.79 | 2.39 | 2.22 | 2.73 | 2.78 | 2.78 | 2.71 |
| 28 | 3.22 | 3.20 | 3.41 | 3.25 | 3.32 | 2.78 | 2.39 | 2.22 | 2.75 | 2.77 | 2.77 | 2.70 |
| 29 | 3.21 | | 3.61 | 3.25 | 3.30 | 2.77 | 2.37 | 2.22 | 2.75 | 2.77 | 2.76 | 2.69 |
| 30 | 3.21 | | 3.58 | 3.26 | 3.29 | 2.75 | 2.40 | 2.24 | 2.75 | 2.79 | 2.76 | 2.70 |
| 31 | 3.21 | | 3.49 | | 3.27 | | 2.32 | 2.25 | | 2.79 | | 2.69 |
| Mean | 3.29 | 3.21 | 3.37 | 3.38 | 3.38 | 3.03 | 2.50 | 2.23 | 2.51 | 2.71 | 2.80 | 2.92 |
| Maximum | 3.40 | 3.24 | 3.80 | 3.63 | 3.53 | 3.25 | 2.74 | 2.30 | 2.75 | 2.87 | 2.83 | 5.95 |
| Minimum | 3.19 | 3.18 | 3.19 | 3.24 | 3.25 | 2.75 | 2.31 | 2.16 | 2.26 | 2.75 | 2.76 | 2.69 |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

5.95

2.16

Missing - flag "--"

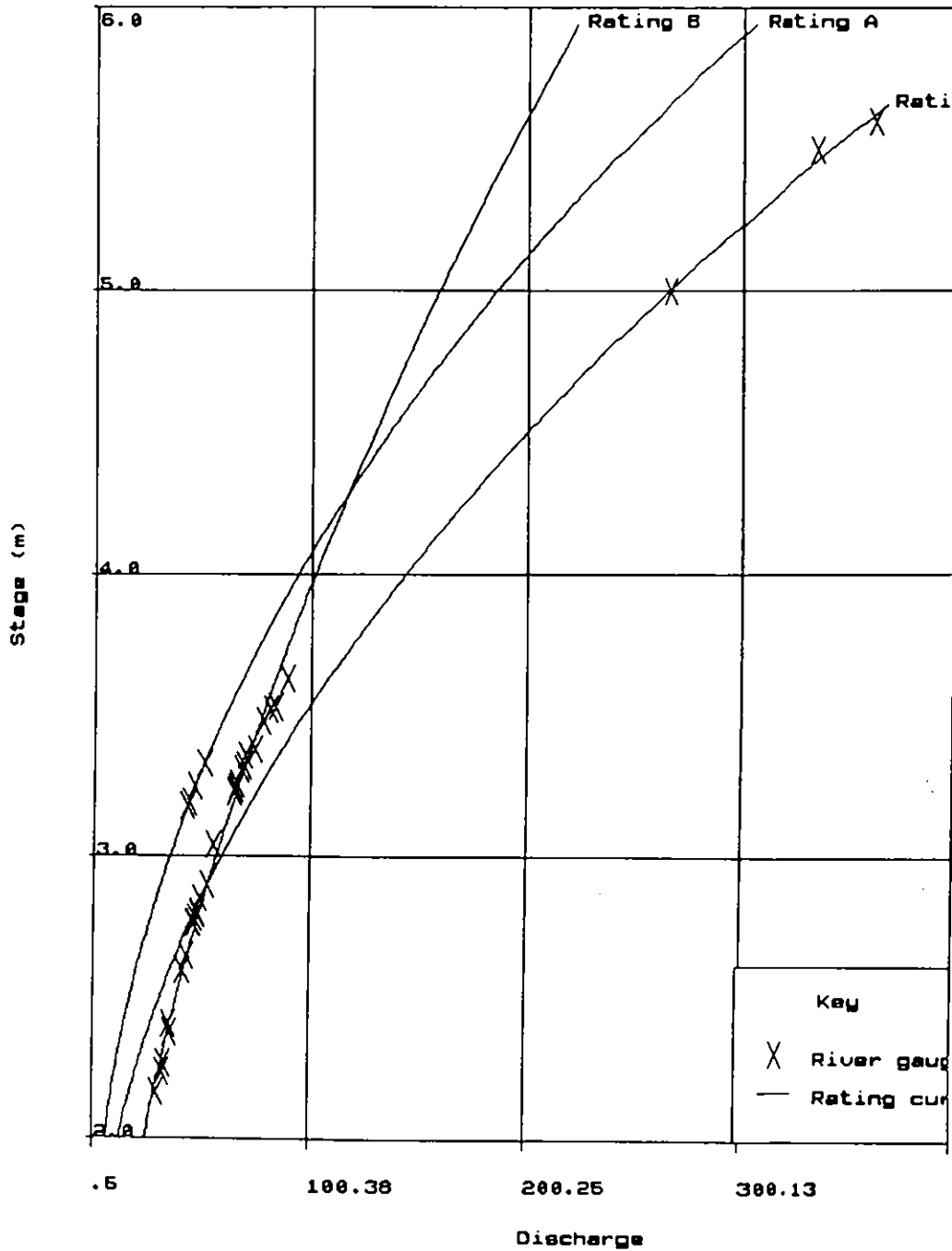
Original - no flag set

 Institute of Hydrology
 River gaugings for station 18073 : River Murgap-Tahtabasar

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|-----------------|----------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. % | Diff./Rat. (m) | Plot |
| 1 | 11 Jan 1994 | A | 3.330 | .800 | 64.75 | 51.800 | 51.631 | .169 | .3 | .00/A | - |
| 2 | 21 Jan 1994 | A | 3.250 | .770 | 61.17 | 47.100 | 47.497 | -.397 | -.8 | .01/A | - |
| 3 | 2 Feb 1994 | A | 3.190 | .760 | 59.21 | 45.000 | 44.525 | .475 | 1.1 | -.01/A | - |
| 4 | 21 Feb 1994 | A | 3.180 | .750 | 58.40 | 43.800 | 44.040 | -.240 | -.5 | .00/A | - |
| 5 | 4 Mar 1994 | B | 3.230 | .940 | 69.47 | 65.300 | 66.375 | -1.075 | -1.6 | .03/B | -> |
| 6 | 11 Mar 1994 | B | 3.380 | .890 | 83.71 | 74.500 | 72.727 | 1.773 | 2.4 | -.04/B | <- |
| 7 | 13 Mar 1994 | B | 3.520 | .940 | 87.02 | 81.800 | 78.906 | 2.894 | 3.7 | -.06/B | <- |
| 8 | 24 Mar 1994 | B | 3.320 | .920 | 75.65 | 69.600 | 70.153 | -.553 | -.8 | .01/B | - |
| 9 | 31 Mar 1994 | B | 3.480 | .950 | 82.63 | 78.500 | 77.116 | 1.384 | 1.8 | -.03/B | <- |
| 10 | 6 Apr 1994 | B | 3.630 | .970 | 92.27 | 89.500 | 83.931 | 5.569 | 6.6 | -.12/B | <- |
| 11 | 19 Apr 1994 | B | 3.310 | .940 | 72.77 | 68.400 | 69.728 | -1.328 | -1.9 | .03/B | -> |
| 12 | 30 Apr 1994 | B | 3.260 | .950 | 69.58 | 66.100 | 67.624 | -1.524 | -2.3 | .04/B | -> |
| 13 | 10 May 1994 | B | 3.530 | 1.120 | 75.18 | 84.200 | 79.357 | 4.843 | 6.1 | -.11/B | <- |
| 14 | 23 May 1994 | B | 3.360 | 1.060 | 66.32 | 70.300 | 71.864 | -1.564 | -2.2 | .04/B | -> |
| 15 | 3 Jun 1994 | B | 3.240 | 1.040 | 63.17 | 65.700 | 66.790 | -1.090 | -1.6 | .03/B | -> |
| 16 | 15 Jun 1994 | B | 3.040 | .760 | 73.82 | 56.100 | 58.730 | -2.630 | -4.5 | .07/B | -> |
| 17 | 27 Jun 1994 | B | 2.780 | .720 | 66.39 | 47.800 | 48.998 | -1.198 | -2.4 | .03/B | -> |
| 18 | 5 Jul 1994 | B | 2.640 | .680 | 64.12 | 43.600 | 44.108 | -.508 | -1.2 | .01/B | - |
| 19 | 20 Jul 1994 | B | 2.400 | .710 | 50.28 | 35.700 | 36.302 | -.602 | -1.7 | .02/B | - |
| 20 | 5 Aug 1994 | B | 2.260 | .870 | 38.16 | 33.200 | 32.085 | 1.115 | 3.5 | -.04/B | <- |
| 21 | 18 Aug 1994 | B | 2.160 | .770 | 39.09 | 30.100 | 29.227 | .873 | 3.0 | -.03/B | <- |
| 22 | 26 Aug 1994 | B | 2.230 | .760 | 43.29 | 32.900 | 31.214 | 1.686 | 5.4 | -.06/B | <- |
| 23 | 7 Sep 1994 | B | 2.370 | .770 | 47.01 | 36.200 | 35.377 | .823 | 2.3 | -.03/B | <- |
| 24 | 23 Sep 1994 | B | 2.590 | .790 | 53.04 | 41.900 | 42.422 | -.522 | -1.2 | .02/B | - |
| 25 | 2 Oct 1994 | B | 2.760 | .890 | 52.58 | 46.800 | 48.284 | -1.484 | -3.1 | .04/B | -> |
| 26 | 18 Oct 1994 | B | 2.850 | .910 | 54.73 | 49.800 | 51.535 | -1.735 | -3.4 | .05/B | -> |
| 27 | 31 Oct 1994 | B | 2.790 | .910 | 53.85 | 49.000 | 49.357 | -.357 | -.7 | .01/B | - |
| 28 | 15 Nov 1994 | B | 2.800 | .920 | 52.83 | 48.600 | 49.717 | -1.117 | -2.2 | .03/B | -> |
| 29 | 28 Nov 1994 | B | 2.760 | .900 | 52.11 | 46.900 | 48.284 | -1.384 | -2.9 | .04/B | -> |
| 30 | 6 Dec 1994 | C | 5.500 | 1.180 | 285.59 | 337.000 | 342.590 | -5.590 | -1.6 | .03/C | -> |
| 31 | 8 Feb 1995 | C | 5.000 | 1.150 | 232.17 | 267.000 | 266.228 | .772 | .3 | -.01/C | - |
| 32 | 11 Feb 1995 | C | 5.600 | 1.230 | 295.93 | 364.000 | 359.081 | 4.919 | 1.4 | -.03/C | <- |
| 33 | 13 Feb 1995 | C | 2.900 | .710 | 75.21 | 53.400 | 53.403 | -.003 | .0 | .00/C | - |

Total number of gaugings = 33 (998 maximum)

River Murgap-Tehtabasar



 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 18073 Name : River Murgap-Tahtabasar

Basin number : 0 Latitude : 0: 0: 0 Longitude : 0: 0: 0 Altitude : .0
 Area : 1000.0

Year : 1994

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | - | 45.1 | 45.1 | 75.8 | 67.7 | 67.3 | 47.5 | 33.3 | 32.4 | 48.0 | 49.4 | 48.3 |
| 2 | - | 45.0 | 45.7 | 74.8 | 68.7 | 67.2 | 46.5 | 33.2 | 33.2 | 48.3 | 49.8 | 48.2 |
| 3 | - | 45.1 | 47.1 | 76.1 | 70.7 | 67.1 | 45.2 | 33.0 | 33.8 | 48.6 | 50.3 | 48.0 |
| 4 | - | 46.0 | 66.5 | 79.4 | 72.1 | 66.5 | 44.5 | 32.7 | 34.1 | 49.0 | 50.5 | 49.2 |
| 5 | - | 46.7 | 66.3 | 82.5 | 76.7 | 66.3 | 44.4 | 32.3 | 34.2 | 49.0 | 50.8 | 66.3 |
| 6 | - | 46.1 | 66.0 | 82.9 | 76.8 | 66.0 | 44.1 | 31.6 | 34.8 | 49.3 | 50.8 | 216.1 |
| 7 | - | 46.0 | 66.0 | 81.9 | 77.1 | 65.5 | 43.8 | 31.3 | 36.0 | 49.3 | 50.8 | 159.0 |
| 8 | - | 46.1 | 65.9 | 79.6 | 77.4 | 64.7 | 43.4 | 31.2 | 37.1 | 49.0 | 50.8 | 80.0 |
| 9 | - | 46.4 | 65.6 | 78.5 | 79.0 | 63.6 | 42.7 | 30.9 | 37.6 | 48.4 | 50.4 | 59.3 |
| 10 | - | 45.9 | 66.3 | 75.7 | 78.4 | 62.6 | 41.5 | 30.6 | 37.9 | 48.7 | 49.8 | 56.0 |
| 11 | 51.6 | 45.1 | 71.7 | 74.4 | 77.2 | 61.6 | 40.5 | 30.4 | 38.5 | 49.3 | 49.4 | 55.3 |
| 12 | 51.0 | 44.6 | 76.2 | 73.2 | 76.2 | 61.4 | 40.2 | 30.1 | 39.1 | 49.7 | 49.6 | 55.2 |
| 13 | 50.1 | 44.6 | 78.1 | 72.0 | 75.5 | 61.0 | 40.4 | 29.8 | 39.5 | 50.1 | 49.4 | 54.6 |
| 14 | 49.0 | 45.0 | 79.8 | 71.8 | 75.3 | 60.2 | 40.4 | 29.8 | 39.7 | 50.4 | 49.7 | 53.6 |
| 15 | 48.1 | 45.4 | 80.8 | 71.4 | 75.1 | 58.9 | 40.3 | 29.5 | 39.8 | 50.8 | 49.7 | 50.5 |
| 16 | 47.4 | 45.1 | 77.2 | 70.6 | 73.5 | 58.6 | 39.1 | 29.5 | 39.8 | 51.1 | 49.4 | 48.3 |
| 17 | 46.4 | 45.4 | 75.8 | 69.8 | 71.6 | 57.9 | 37.4 | 29.3 | 39.8 | 51.3 | 49.0 | 47.5 |
| 18 | 48.3 | 45.4 | 74.9 | 69.3 | 70.7 | 56.5 | 36.4 | 29.8 | 39.8 | 51.8 | 49.0 | 47.0 |
| 19 | 51.8 | 45.1 | 73.9 | 68.8 | 71.0 | 55.6 | 36.3 | 30.6 | 39.8 | 51.8 | 49.3 | 46.8 |
| 20 | 50.1 | 45.0 | 72.4 | 68.1 | 70.9 | 54.8 | 36.3 | 31.2 | 40.1 | 50.8 | 49.1 | 46.3 |
| 21 | 48.1 | 44.6 | 71.6 | 67.7 | 70.3 | 53.8 | 36.3 | 31.8 | 40.2 | 50.2 | 49.6 | 45.1 |
| 22 | 46.9 | 45.0 | 71.8 | 67.6 | 70.4 | 53.0 | 36.3 | 32.1 | 41.2 | 50.1 | 49.8 | 43.2 |
| 23 | 45.6 | 45.0 | 71.8 | 67.6 | 71.6 | 52.3 | 36.0 | 32.3 | 42.7 | 50.0 | 50.0 | 42.5 |
| 24 | 45.1 | 45.0 | 71.9 | 67.6 | 71.5 | 51.6 | 36.0 | 31.8 | 44.1 | 49.7 | 50.1 | 42.3 |
| 25 | 45.2 | 45.0 | 74.1 | 67.6 | 71.8 | 51.1 | 36.0 | 31.5 | 45.5 | 49.1 | 50.0 | 41.6 |
| 26 | 46.4 | 44.6 | 74.8 | 67.6 | 71.8 | 50.4 | 36.0 | 31.2 | 46.7 | 49.0 | 49.7 | 41.9 |
| 27 | 46.8 | 45.0 | 74.5 | 67.3 | 71.3 | 49.4 | 36.0 | 31.0 | 47.3 | 49.0 | 49.0 | 42.3 |
| 28 | 46.1 | 45.0 | 75.2 | 67.2 | 70.2 | 49.0 | 35.9 | 30.9 | 47.8 | 48.7 | 48.6 | 41.9 |
| 29 | 45.6 | | 81.7 | 67.3 | 69.4 | 48.6 | 35.6 | 31.0 | 47.9 | 48.7 | 48.3 | 41.5 |
| 30 | 45.5 | | 81.3 | 67.6 | 68.8 | 48.0 | 35.9 | 31.5 | 47.9 | 49.3 | 48.3 | 41.8 |
| 31 | 45.4 | | 77.8 | | 68.0 | | 34.1 | 31.8 | | 49.4 | | 41.4 |
| Mean | - | 45.297 | 70.573 | 72.387 | 72.801 | 58.357 | 39.511 | 31.191 | 39.952 | 49.605 | 49.683 | 58.096 |
| Maximum | - | 46.744 | 81.696 | 82.891 | 78.963 | 67.311 | 47.488 | 33.339 | 47.929 | 51.811 | 50.804 | 216.09 |
| Minimum | - | 44.586 | 45.074 | 67.206 | 67.728 | 47.974 | 34.09 | 29.332 | 32.416 | 47.974 | 48.284 | 41.427 |
| Runoff | - | 109.58 | 189.02 | 187.63 | 194.99 | 151.26 | 105.83 | 83.542 | 103.56 | 132.86 | 128.78 | 155.6 |

Flows in cubic metres per second

 Insufficient data for annual statistics

Possible data flags

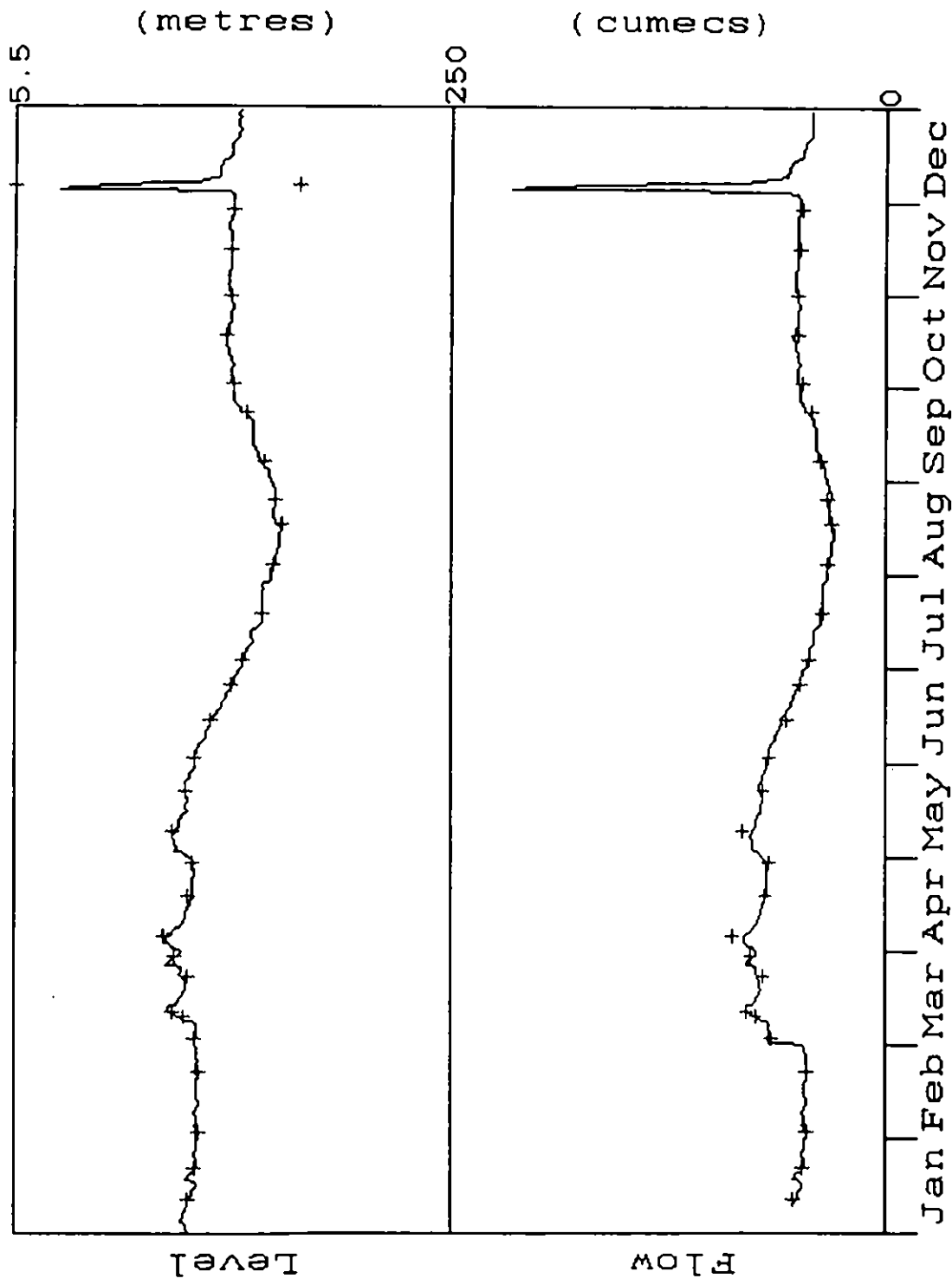
Missing - flag "--"

Original - no flag set

Estimate - flag "e"

018073 River Murgap-Tahtabasar

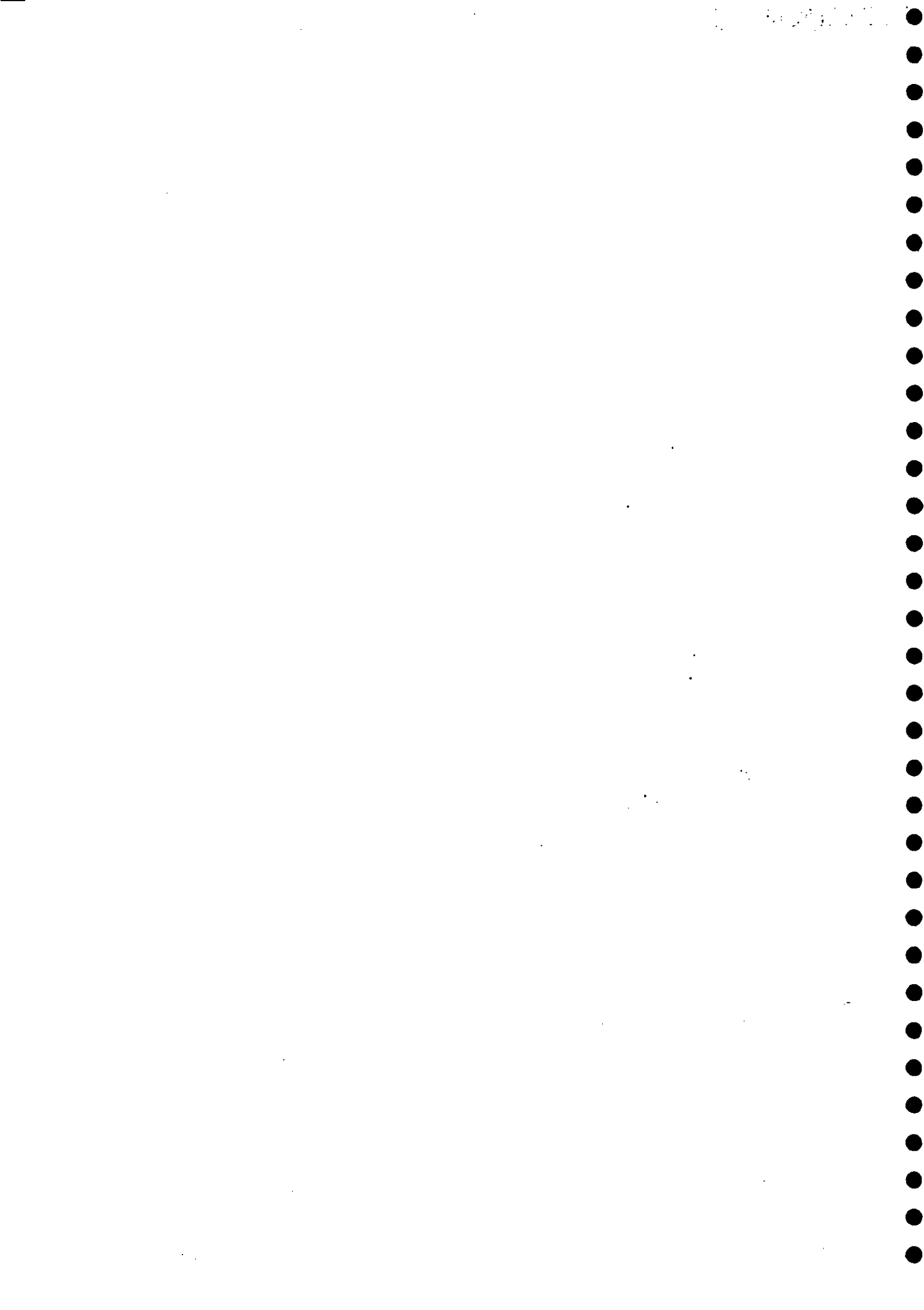
1994



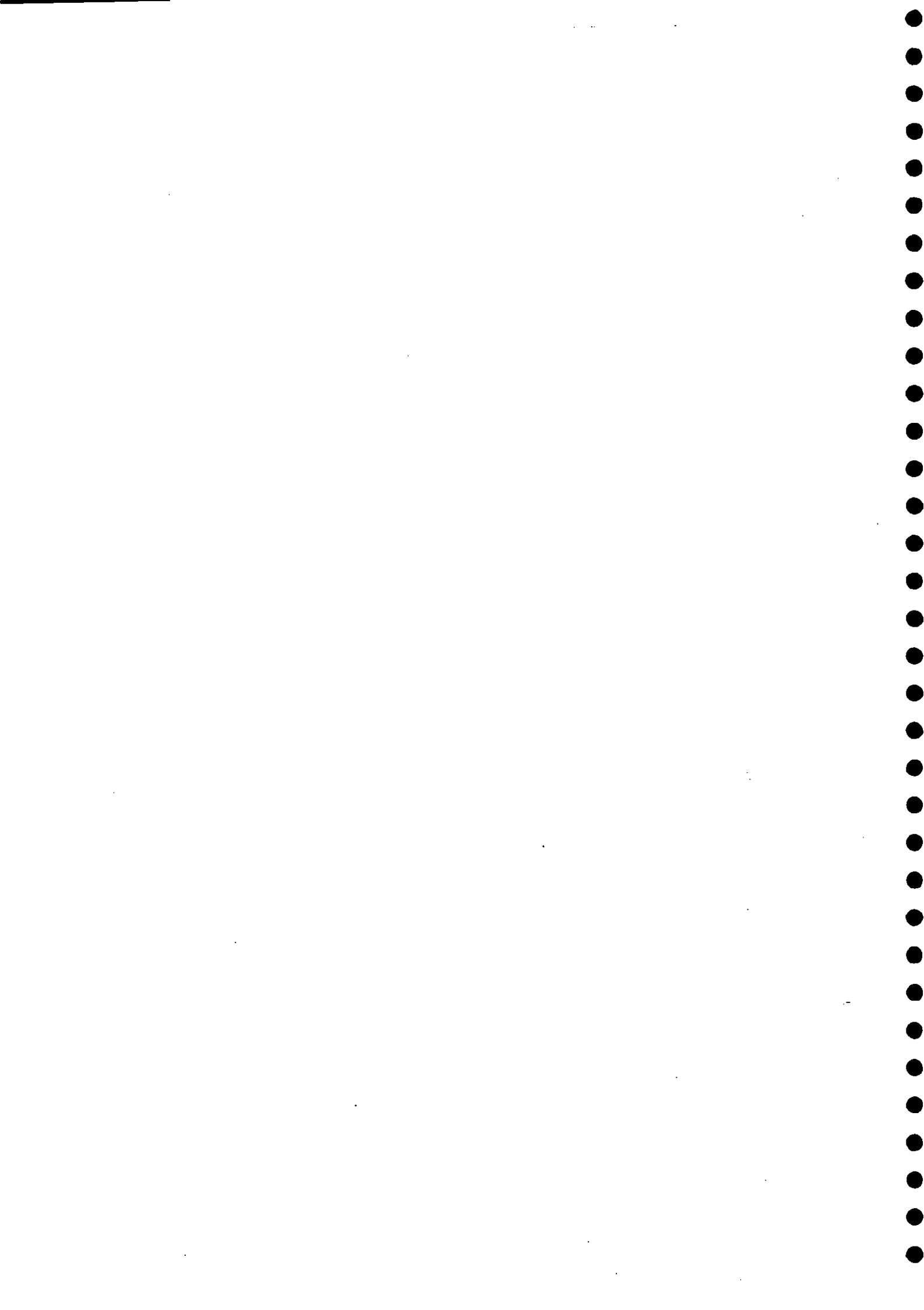


Country : Tajikistan

Stations Listed : 17288 Zeravshan - Dupuli
17344 Magiandarya - Sujina
16006 Syrdarya - Akdjar



Station : 17288 Zeravshan - Dupuli



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 17288 Name : river Zeravshan at Dupuli

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1994

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 1.69 | 1.54 | 1.50 | 1.63 | 1.75 | 3.00 | 3.91 | 3.52 | 2.90 | 1.77 | 1.50 | 1.33 |
| 2 | 1.68 | 1.55 | 1.50 | 1.63 | 1.76 | 3.07 | 3.99 | 3.55 | 2.84 | 1.74 | 1.50 | 1.35 |
| 3 | 1.67 | 1.55 | 1.50 | 1.66 | 1.98 | 3.20 | 3.96 | 3.58 | 2.85 | 1.72 | 1.49 | 1.35 |
| 4 | 1.66 | 1.54 | 1.51 | 1.69 | 1.99 | 3.25 | 3.90 | 3.55 | 2.79 | 1.72 | 1.47 | 1.35 |
| 5 | 1.66 | 1.53 | 1.50 | 1.68 | 1.99 | 3.23 | 3.92 | 3.57 | 2.75 | 1.70 | 1.47 | 1.36 |
| 6 | 1.65 | 1.53 | 1.48 | 1.68 | 2.02 | 3.30 | 3.93 | 3.56 | 2.71 | 1.70 | 1.46 | 1.37 |
| 7 | 1.64 | 1.53 | 1.48 | 1.68 | 2.03 | 3.54 | 3.91 | 3.52 | 2.62 | 1.70 | 1.48 | 1.38 |
| 8 | 1.64 | 1.53 | 1.50 | 1.67 | 2.10 | 3.50 | 3.98 | 3.49 | 2.52 | 1.69 | 1.46 | 1.38 |
| 9 | 1.64 | 1.53 | 1.51 | 1.66 | 2.12 | 3.43 | 3.69 | 3.40 | 2.42 | 1.69 | 1.46 | 1.38 |
| 10 | 1.63 | 1.53 | 1.53 | 1.67 | 2.16 | 3.24 | 3.72 | 3.55 | 2.38 | 1.68 | 1.46 | 1.35 |
| 11 | 1.62 | 1.52 | 1.53 | 1.67 | 2.15 | 3.19 | 3.76 | 3.31 | 2.33 | 1.67 | 1.45 | 1.35 |
| 12 | 1.63 | 1.52 | 1.50 | 1.67 | 2.16 | 3.01 | 3.80 | 3.22 | 2.23 | 1.69 | 1.43 | 1.35 |
| 13 | 1.62 | 1.55 | 1.52 | 1.65 | 2.19 | 2.89 | 3.68 | 3.20 | 2.17 | 1.69 | 1.42 | 1.33 |
| 14 | 1.62 | 1.51 | 1.55 | 1.65 | 2.22 | 2.83 | 3.56 | 3.21 | 2.20 | 1.69 | 1.42 | 1.33 |
| 15 | 1.61 | 1.51 | 1.55 | 1.66 | 2.26 | 2.79 | 3.47 | 3.22 | 2.22 | 1.68 | 1.42 | 1.33 |
| 16 | 1.63 | 1.51 | 1.57 | 1.66 | 2.26 | 2.85 | 3.46 | 3.19 | 2.20 | 1.68 | 1.42 | 1.32 |
| 17 | 1.62 | 1.50 | 1.58 | 1.66 | 2.28 | 2.87 | 3.49 | 3.32 | 2.17 | 1.68 | 1.41 | 1.32 |
| 18 | 1.61 | 1.49 | 1.61 | 1.65 | 2.36 | 2.92 | 3.56 | 3.19 | 2.13 | 1.67 | 1.42 | 1.31 |
| 19 | 1.61 | 1.49 | 1.61 | 1.64 | 2.37 | 3.13 | 3.58 | 3.34 | 2.09 | 1.62 | 1.43 | 1.31 |
| 20 | 1.60 | 1.48 | 1.61 | 1.66 | 2.75 | 3.36 | 3.61 | 3.24 | 2.07 | 1.62 | 1.42 | 1.30 |
| 21 | 1.59 | 1.48 | 1.60 | 1.64 | 2.76 | 3.53 | 3.81 | 3.27 | 2.08 | 1.60 | 1.41 | 1.32 |
| 22 | 1.59 | 1.49 | 1.61 | 1.63 | 2.79 | 3.69 | 3.87 | 3.23 | 2.02 | 1.58 | 1.41 | 1.30 |
| 23 | 1.59 | 1.50 | 1.61 | 1.61 | 2.81 | 3.90 | 3.83 | 3.20 | 1.98 | 1.57 | 1.39 | 1.31 |
| 24 | 1.59 | 1.51 | 1.63 | 1.62 | 2.86 | 3.97 | 3.70 | 3.22 | 1.95 | 1.55 | 1.38 | 1.29 |
| 25 | 1.59 | 1.52 | 1.61 | 1.66 | 2.82 | 3.94 | 3.48 | 3.22 | 1.92 | 1.55 | 1.39 | 1.28 |
| 26 | 1.58 | 1.52 | 1.61 | 1.67 | 2.76 | 3.97 | 3.46 | 3.24 | 1.88 | 1.55 | 1.38 | 1.28 |
| 27 | 1.58 | 1.52 | 1.61 | 1.67 | 2.64 | 3.64 | 3.49 | 3.21 | 1.85 | 1.53 | 1.38 | 1.28 |
| 28 | 1.57 | 1.51 | 1.62 | 1.71 | 2.56 | 3.51 | 3.51 | 3.13 | 1.84 | 1.53 | 1.37 | 1.26 |
| 29 | 1.57 | | 1.63 | 1.74 | 2.56 | 3.65 | 3.54 | 3.09 | 1.83 | 1.52 | 1.36 | 1.25 |
| 30 | 1.57 | | 1.64 | 1.75 | 2.65 | 3.84 | 3.51 | 3.03 | 1.81 | 1.52 | 1.35 | 1.25 |
| 31 | 1.56 | | 1.63 | | 2.83 | | 3.49 | 2.99 | | 1.51 | | 1.25 |
| Mean | 1.62 | 1.52 | 1.56 | 1.66 | 2.35 | 3.34 | 3.70 | 3.31 | 2.26 | 1.64 | 1.43 | 1.32 |
| Maximum | 1.69 | 1.55 | 1.64 | 1.75 | 2.86 | 3.97 | 3.99 | 3.58 | 2.90 | 1.77 | 1.50 | 1.38 |
| Minimum | 1.56 | 1.48 | 1.48 | 1.61 | 1.75 | 2.79 | 3.46 | 2.99 | 1.81 | 1.51 | 1.35 | 1.25 |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

Missing - flag "--"

Original - no flag set

 Institute of Hydrology
 River gaugings for station 17288 : river Zeravshan at Dupuli

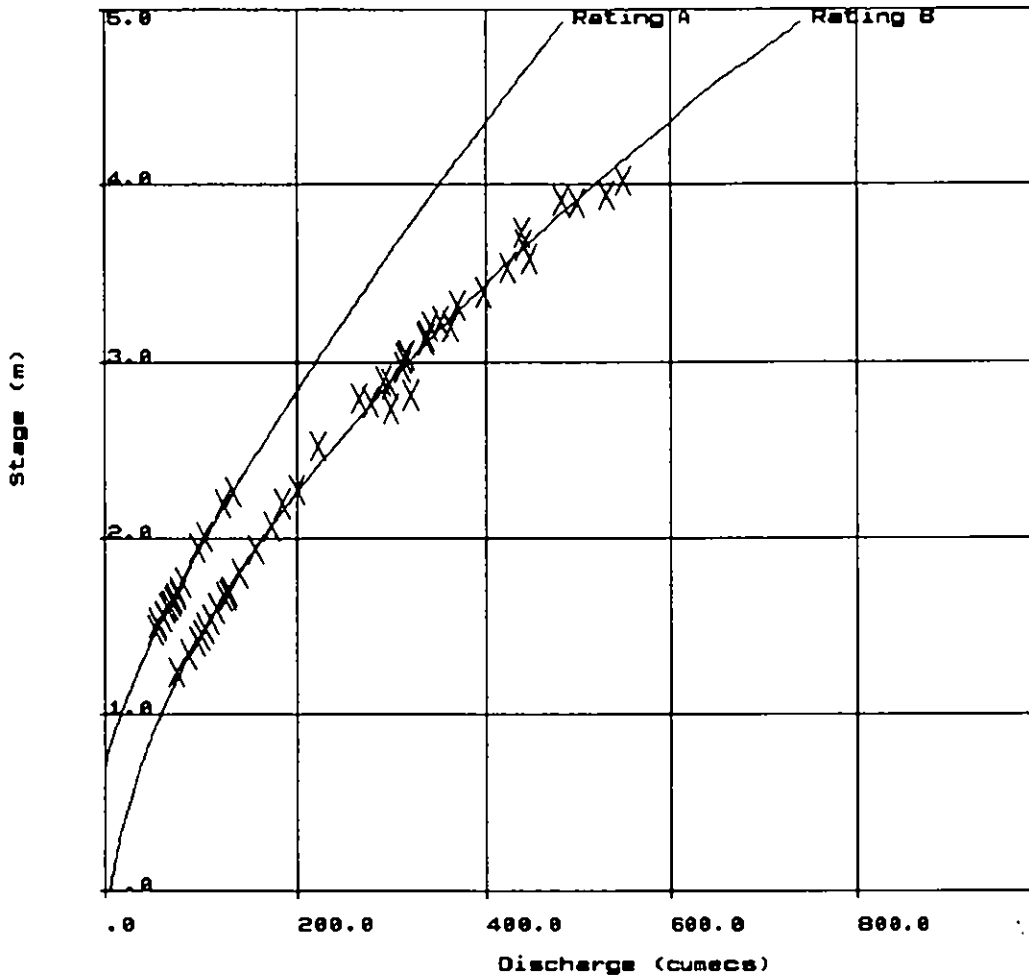
| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|-----------------|----------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. † | Diff./Rat. (m) | Plot |
| 1 | 20 Jan 1994 | A | 1.600 | 1.100 | 60.18 | 66.200 | 65.615 | .585 | .9 | -.01/A | - |
| 2 | 29 Jan 1994 | A | 1.560 | 1.040 | 58.65 | 61.000 | 61.903 | -.903 | -1.5 | .01/A | - |
| 3 | 16 Feb 1994 | A | 1.480 | .940 | 56.49 | 53.100 | 54.632 | -1.532 | -2.8 | .02/A | - |
| 4 | 28 Feb 1994 | A | 1.500 | 1.010 | 55.25 | 55.800 | 56.430 | -.630 | -1.1 | .01/A | - |
| 5 | 3 Mar 1994 | A | 1.520 | 1.000 | 55.50 | 55.500 | 58.241 | -2.741 | -4.7 | .03/A | -> |
| 6 | 14 Mar 1994 | A | 1.550 | 1.040 | 58.94 | 61.300 | 60.983 | .317 | .5 | .00/A | - |
| 7 | 4 Apr 1994 | A | 1.700 | 1.040 | 74.23 | 77.200 | 75.108 | 2.092 | 2.8 | -.02/A | <- |
| 8 | 9 Apr 1994 | A | 1.680 | 1.190 | 64.37 | 76.600 | 73.186 | 3.414 | 4.7 | -.04/A | <- |
| 9 | 14 Apr 1994 | A | 1.640 | 1.140 | 62.28 | 71.000 | 69.377 | 1.623 | 2.3 | -.02/A | - |
| 10 | 19 Apr 1994 | A | 1.620 | 1.150 | 60.17 | 69.200 | 67.490 | 1.710 | 2.5 | -.02/A | - |
| 11 | 25 Apr 1994 | A | 1.660 | 1.140 | 63.42 | 72.300 | 71.276 | 1.024 | 1.4 | -.01/A | - |
| 12 | 30 Apr 1994 | A | 1.750 | 1.240 | 66.13 | 82.000 | 79.963 | 2.037 | 2.5 | -.02/A | <- |
| 13 | 3 May 1994 | A | 1.950 | 1.310 | 74.20 | 97.200 | 100.050 | -2.850 | -2.8 | .03/A | -> |
| 14 | 7 May 1994 | A | 2.010 | 1.230 | 84.55 | 104.000 | 106.273 | -2.273 | -2.1 | .02/A | -> |
| 15 | 14 May 1994 | A | 2.200 | 1.460 | 84.93 | 124.000 | 126.527 | -2.527 | -2.0 | .02/A | -> |
| 16 | 17 May 1994 | A | 2.270 | 1.520 | 88.16 | 134.000 | 134.190 | -.190 | -.1 | .00/A | - |
| 17 | 21 May 1994 | B | 2.740 | 2.270 | 132.16 | 300.000 | 273.240 | 26.760 | 9.8 | -.16/B | <<- |
| 18 | 25 May 1994 | B | 2.820 | 2.370 | 135.02 | 320.000 | 286.569 | 33.431 | 11.7 | -.19/B | <<- |
| 19 | 3 Jun 1994 | B | 3.150 | 2.760 | 122.10 | 337.000 | 344.676 | -7.676 | -2.2 | .04/B | -> |
| 20 | 9 Jun 1994 | B | 3.390 | 2.840 | 139.79 | 397.000 | 390.073 | 6.927 | 1.8 | -.04/B | <- |
| 21 | 11 Jun 1994 | B | 3.130 | 2.810 | 119.93 | 337.000 | 341.012 | -4.012 | -1.2 | .02/B | -> |
| 22 | 13 Jun 1994 | B | 2.900 | 2.470 | 118.22 | 292.000 | 300.194 | -8.194 | -2.7 | .05/B | -> |
| 23 | 14 Jun 1994 | B | 2.800 | 2.320 | 114.22 | 265.000 | 283.209 | -18.209 | -6.4 | .11/B | -> |
| 24 | 15 Jun 1994 | B | 2.780 | 2.480 | 112.10 | 278.000 | 279.868 | -1.868 | -.7 | .01/B | - |
| 25 | 16 Jun 1994 | B | 2.880 | 2.550 | 116.86 | 298.000 | 296.760 | 1.240 | .4 | -.01/B | - |
| 26 | 18 Jun 1994 | B | 2.980 | 2.480 | 125.81 | 312.000 | 314.115 | -2.115 | -.7 | .01/B | - |
| 27 | 21 Jun 1994 | B | 3.580 | 2.960 | 151.01 | 447.000 | 427.869 | 19.131 | 4.5 | -.09/B | <- |
| 28 | 23 Jun 1994 | B | 3.910 | 2.900 | 166.21 | 482.000 | 497.388 | -15.388 | -3.1 | .07/B | -> |
| 29 | 27 Jun 1994 | B | 3.730 | 2.830 | 155.12 | 439.000 | 458.862 | -19.862 | -4.3 | .10/B | -> |
| 30 | 30 Jun 1994 | B | 3.940 | 3.150 | 167.94 | 529.000 | 503.950 | 25.050 | 5.0 | -.11/B | <- |
| 31 | 2 Jul 1994 | B | 4.020 | 3.180 | 172.01 | 547.000 | 521.646 | 25.354 | 4.9 | -.11/B | <- |
| 32 | 5 Jul 1994 | B | 3.900 | 3.000 | 166.00 | 498.000 | 495.209 | 2.791 | .6 | -.01/B | - |
| 33 | 3 Aug 1994 | B | 3.530 | 2.970 | 142.76 | 424.000 | 417.764 | 6.236 | 1.5 | -.03/B | <- |
| 34 | 6 Aug 1994 | B | 3.660 | 3.860 | 113.99 | 440.000 | 444.272 | -4.272 | -1.0 | .02/B | -> |
| 35 | 15 Aug 1994 | B | 3.200 | 2.770 | 123.10 | 341.000 | 353.917 | -12.917 | -3.6 | .07/B | -> |
| 36 | 17 Aug 1994 | B | 3.140 | 2.750 | 122.18 | 336.000 | 342.842 | -6.842 | -2.0 | .04/B | -> |
| 37 | 20 Aug 1994 | B | 3.230 | 2.820 | 124.82 | 352.000 | 359.516 | -7.516 | -2.1 | .04/B | -> |
| 38 | 22 Aug 1994 | B | 3.200 | 2.860 | 126.92 | 363.000 | 353.917 | 9.083 | 2.6 | -.05/B | <- |
| 39 | 26 Aug 1994 | B | 3.320 | 2.870 | 128.92 | 370.000 | 376.560 | -6.560 | -1.7 | .03/B | -> |
| 40 | 30 Aug 1994 | B | 3.030 | 2.640 | 118.94 | 314.000 | 322.966 | -8.966 | -2.8 | .05/B | -> |
| 41 | 31 Aug 1994 | B | 3.040 | 2.680 | 117.91 | 316.000 | 324.750 | -8.750 | -2.7 | .05/B | -> |

 Institute of Hydrology
 River gaugings for station 17288 : river Zeravshan at Dupuli

| Order Number | Date | Rating | Stage Velocity | | Area (sq m) | Discharge | | | Stage | | |
|--------------|-------------|--------|----------------|-------|-------------|-------------------|---------------------|----------|-------|--------|----|
| | | | (m) | (m/s) | | Measured (cumecs) | Calculated (cumecs) | (cumecs) | t | (m) | |
| 42 | 8 Sep 1994 | B | 2.530 | 2.050 | 108.78 | 223.000 | 239.671 | -16.671 | -7.0 | .11/B | -> |
| 43 | 16 Sep 1994 | B | 2.280 | 1.990 | 101.01 | 201.000 | 202.405 | -1.405 | -.7 | .01/B | - |
| 44 | 17 Sep 1994 | B | 2.200 | 1.910 | 96.86 | 185.000 | 191.104 | -6.104 | -3.2 | .04/B | -> |
| 45 | 21 Sep 1994 | B | 2.070 | 1.850 | 94.05 | 174.000 | 173.390 | .610 | .4 | .00/B | - |
| 46 | 24 Sep 1994 | B | 1.940 | 1.720 | 91.86 | 158.000 | 156.485 | 1.515 | 1.0 | -.01/B | - |
| 47 | 30 Sep 1994 | B | 1.800 | 1.650 | 86.06 | 142.000 | 139.190 | 2.810 | 2.0 | -.02/B | <- |
| 48 | 5 Oct 1994 | B | 1.700 | 1.570 | 83.44 | 131.000 | 127.419 | 3.581 | 2.8 | -.03/B | <- |
| 49 | 10 Oct 1994 | B | 1.670 | 1.540 | 81.17 | 125.000 | 123.982 | 1.018 | .8 | -.01/B | - |
| 50 | 15 Oct 1994 | B | 1.680 | 1.570 | 82.17 | 129.000 | 125.123 | 3.877 | 3.1 | -.03/B | <- |
| 51 | 21 Oct 1994 | B | 1.600 | 1.570 | 74.52 | 117.000 | 116.136 | .864 | .7 | -.01/B | - |
| 52 | 26 Oct 1994 | B | 1.540 | 1.430 | 77.62 | 111.000 | 109.601 | 1.399 | 1.3 | -.01/B | - |
| 53 | 31 Oct 1994 | B | 1.490 | 1.380 | 76.09 | 105.000 | 104.292 | .708 | .7 | -.01/B | - |
| 54 | 8 Nov 1994 | B | 1.450 | 1.360 | 74.26 | 101.000 | 100.133 | .867 | .9 | -.01/B | - |
| 55 | 14 Nov 1994 | B | 1.410 | 1.330 | 72.86 | 96.900 | 96.053 | .847 | .9 | -.01/B | - |
| 56 | 30 Nov 1994 | B | 1.340 | 1.260 | 70.00 | 88.200 | 89.105 | -.906 | -1.0 | .01/B | - |
| 57 | 31 Dec 1994 | B | 1.240 | 1.150 | 65.57 | 75.400 | 79.605 | -4.205 | -5.3 | .05/B | -> |

Total number of gaugings = 57 (998 maximum)

River Zerevshan at Dupuli



Institute of Hydrology

 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 17288 Name : river Zeravshan at Dupuli

Basin number : 0 Latitude : 0: 0: 0 Longitude : 0: 0: 0 Altitude : .0
 Area : 1.0

Year : 1994

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|-------|---------|---------|---------|---------|---------|----------|----------|---------|---------|---------|---------|
| 1 | - | 60.41 | 56.54 | 68.43 | 80.08 | 315.48 | 497.68 | 415.76 | 300.86 | 135.76 | 105.48 | 88.62 |
| 2 | - | 60.87 | 56.43 | 68.79 | 83.56 | 331.51 | 511.94 | 421.80 | 291.43 | 132.22 | 105.21 | 89.84 |
| 3 | - | 60.87 | 56.54 | 71.28 | 100.47 | 352.08 | 507.53 | 426.35 | 290.16 | 130.02 | 104.16 | 90.08 |
| 4 | - | 60.07 | 57.11 | 73.67 | 104.06 | 361.63 | 497.39 | 423.06 | 281.96 | 129.44 | 102.46 | 90.21 |
| 5 | - | 59.27 | 56.32 | 73.31 | 104.58 | 361.63 | 499.30 | 425.08 | 274.89 | 127.71 | 102.07 | 91.07 |
| 6 | - | 59.15 | 54.86 | 73.19 | 107.06 | 376.88 | 500.94 | 423.06 | 267.31 | 127.42 | 101.55 | 92.05 |
| 7 | - | 59.15 | 54.86 | 73.07 | 109.16 | 412.81 | 499.85 | 416.01 | 253.63 | 127.28 | 102.72 | 92.92 |
| 8 | - | 59.15 | 56.32 | 72.23 | 115.10 | 411.02 | 502.93 | 408.28 | 238.15 | 126.41 | 101.42 | 93.05 |
| 9 | - | 59.15 | 57.45 | 71.51 | 118.17 | 395.01 | 458.95 | 397.92 | 224.05 | 126.13 | 101.17 | 92.67 |
| 10 | - | 59.04 | 58.92 | 72.11 | 121.52 | 364.73 | 457.03 | 412.07 | 216.78 | 125.12 | 101.04 | 90.45 |
| 11 | - | 58.35 | 58.81 | 72.23 | 121.39 | 349.10 | 465.19 | 378.32 | 208.73 | 124.41 | 100.00 | 90.08 |
| 12 | - | 58.58 | 57.00 | 71.99 | 122.47 | 320.81 | 469.43 | 359.29 | 196.03 | 125.98 | 98.21 | 89.84 |
| 13 | - | 60.18 | 58.36 | 70.56 | 125.44 | 299.79 | 448.46 | 354.61 | 188.50 | 126.27 | 97.19 | 88.38 |
| 14 | - | 57.79 | 60.64 | 70.44 | 128.84 | 288.69 | 424.60 | 355.78 | 190.93 | 126.13 | 97.07 | 88.13 |
| 15 | - | 57.33 | 61.21 | 71.16 | 132.54 | 283.63 | 407.78 | 356.71 | 193.20 | 125.27 | 97.07 | 88.01 |
| 16 | - | 57.22 | 62.71 | 71.28 | 133.36 | 290.80 | 404.80 | 355.80 | 190.93 | 125.12 | 96.94 | 87.29 |
| 17 | - | 56.43 | 63.99 | 71.16 | 136.13 | 295.70 | 410.77 | 370.39 | 186.78 | 124.98 | 96.31 | 87.04 |
| 18 | - | 55.64 | 66.20 | 70.32 | 143.21 | 307.18 | 422.56 | 358.61 | 181.47 | 123.42 | 97.07 | 86.32 |
| 19 | - | 55.42 | 66.55 | 69.73 | 150.59 | 341.61 | 428.13 | 374.43 | 176.40 | 119.05 | 97.83 | 86.08 |
| 20 | 65.62 | 54.74 | 66.43 | 70.80 | 183.90 | 382.92 | 438.39 | 364.46 | 173.89 | 118.07 | 97.07 | 85.60 |
| 21 | 64.80 | 54.74 | 65.85 | 69.50 | 276.96 | 417.59 | 472.13 | 365.39 | 173.56 | 116.14 | 96.18 | 86.68 |
| 22 | 64.68 | 55.53 | 66.43 | 68.32 | 281.33 | 451.90 | 486.01 | 359.75 | 167.13 | 114.07 | 95.80 | 85.60 |
| 23 | 64.68 | 56.43 | 66.79 | 66.90 | 285.52 | 491.47 | 477.70 | 355.08 | 161.76 | 112.71 | 94.17 | 85.84 |
| 24 | 64.68 | 57.33 | 67.96 | 67.84 | 291.43 | 507.80 | 450.33 | 357.18 | 157.76 | 110.95 | 93.29 | 84.41 |
| 25 | 64.57 | 58.13 | 66.79 | 70.92 | 286.15 | 505.60 | 412.81 | 358.11 | 153.80 | 110.68 | 93.79 | 83.46 |
| 26 | 63.87 | 58.24 | 66.55 | 72.11 | 275.33 | 500.77 | 405.05 | 360.22 | 149.12 | 110.41 | 93.17 | 83.35 |
| 27 | 63.64 | 58.13 | 66.67 | 72.71 | 257.83 | 445.47 | 409.51 | 354.62 | 145.57 | 108.80 | 92.92 | 83.11 |
| 28 | 62.94 | 57.33 | 67.49 | 75.96 | 245.91 | 420.56 | 414.01 | 341.94 | 144.04 | 108.40 | 92.05 | 81.58 |
| 29 | 62.83 | | 68.43 | 78.74 | 246.11 | 443.57 | 418.27 | 333.29 | 142.66 | 107.60 | 91.07 | 80.65 |
| 30 | 62.71 | | 69.14 | 79.84 | 260.47 | 479.07 | 414.01 | 323.42 | 140.10 | 107.33 | 89.96 | 80.53 |
| 31 | 61.79 | | 68.55 | | 288.13 | | 411.01 | 314.79 | | 106.40 | | 80.53 |
| Mean | - | 58.025 | 62.19 | 71.669 | 174.74 | 383.56 | 452.4 | 374.89 | 202.05 | 120.64 | 97.815 | 87.21 |
| Maximum | - | 60.868 | 69.14 | 79.841 | 291.43 | 507.8 | 511.94 | 426.35 | 300.86 | 135.76 | 105.48 | 93.046 |
| Minimum | - | 54.744 | 54.857 | 66.903 | 80.085 | 283.63 | 404.8 | 314.79 | 140.1 | 106.4 | 89.961 | 80.533 |
| Runoff | - | 140373. | 166570. | 185767. | 468013. | 994186. | 1211712. | 1004104. | 523722. | 323109. | 253536. | 233583. |

Flows in cubic metres per second

 Insufficient data for annual statistics

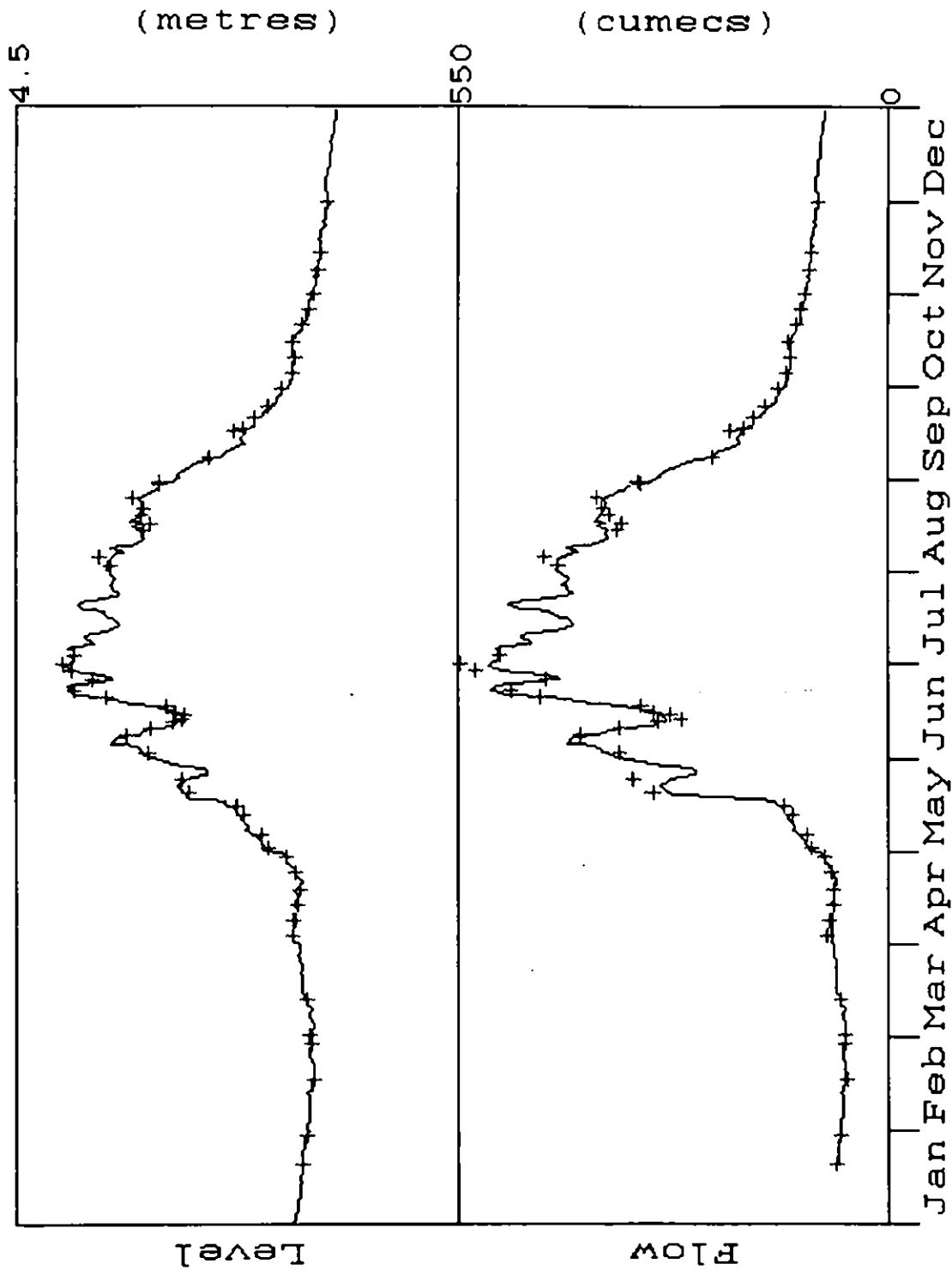
Possible data flags

Missing - flag "--"

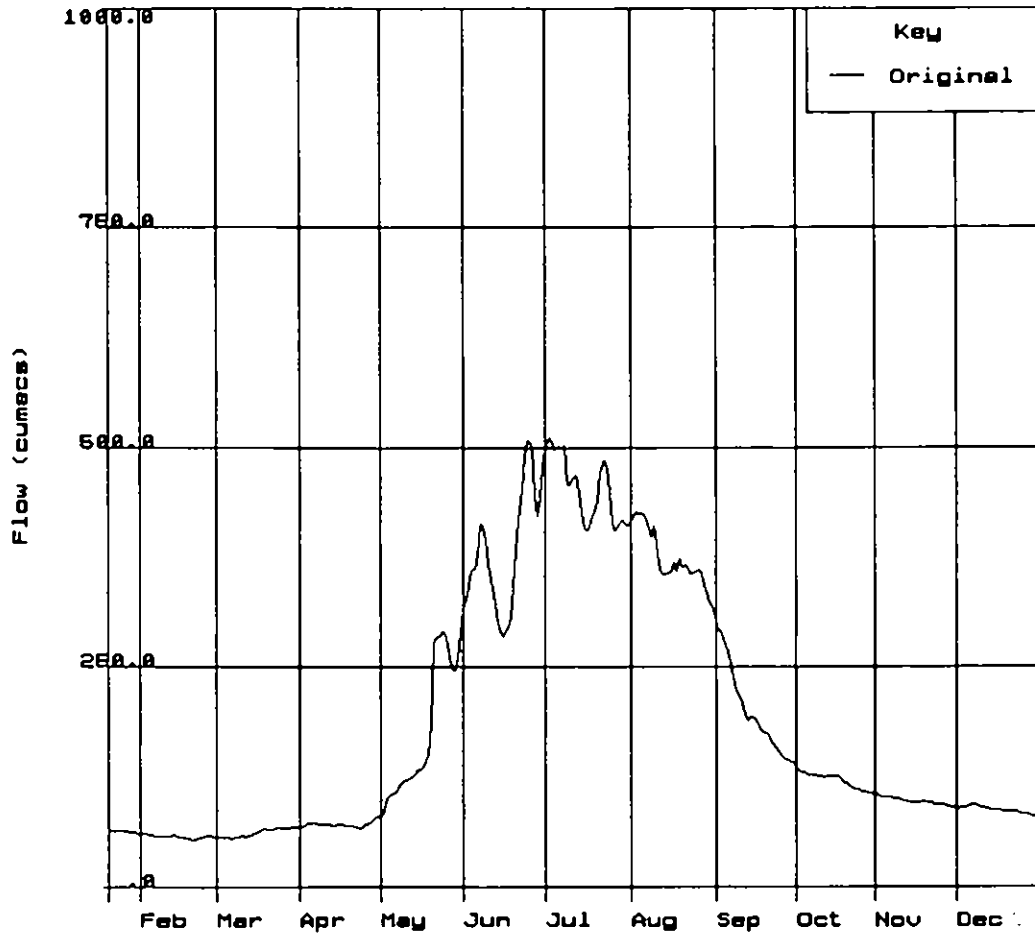
Original - no flag set

Estimate - flag "e"

017288 river Zeravshan at Dupuli 1994

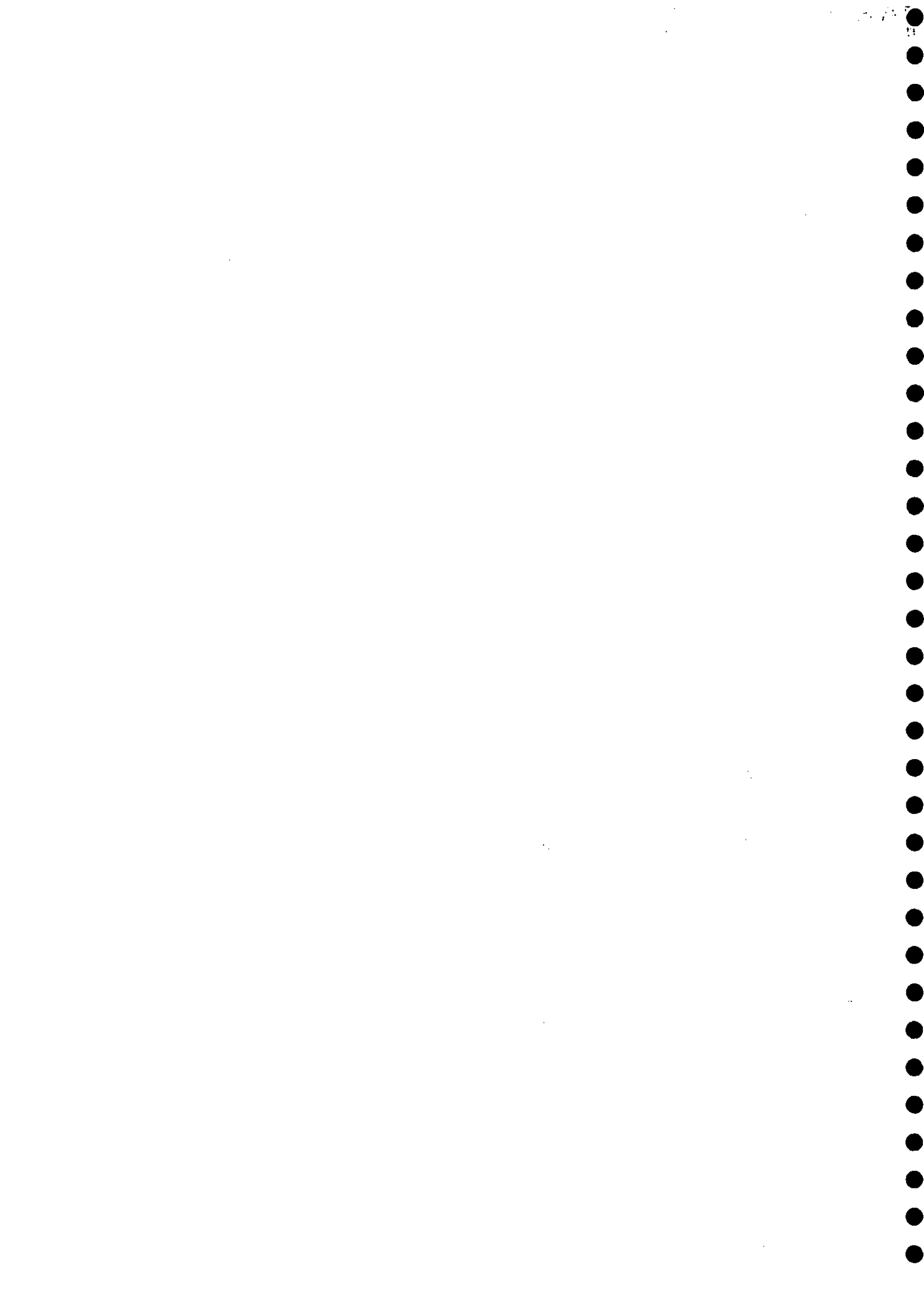


River Zeraushan at Dupuli

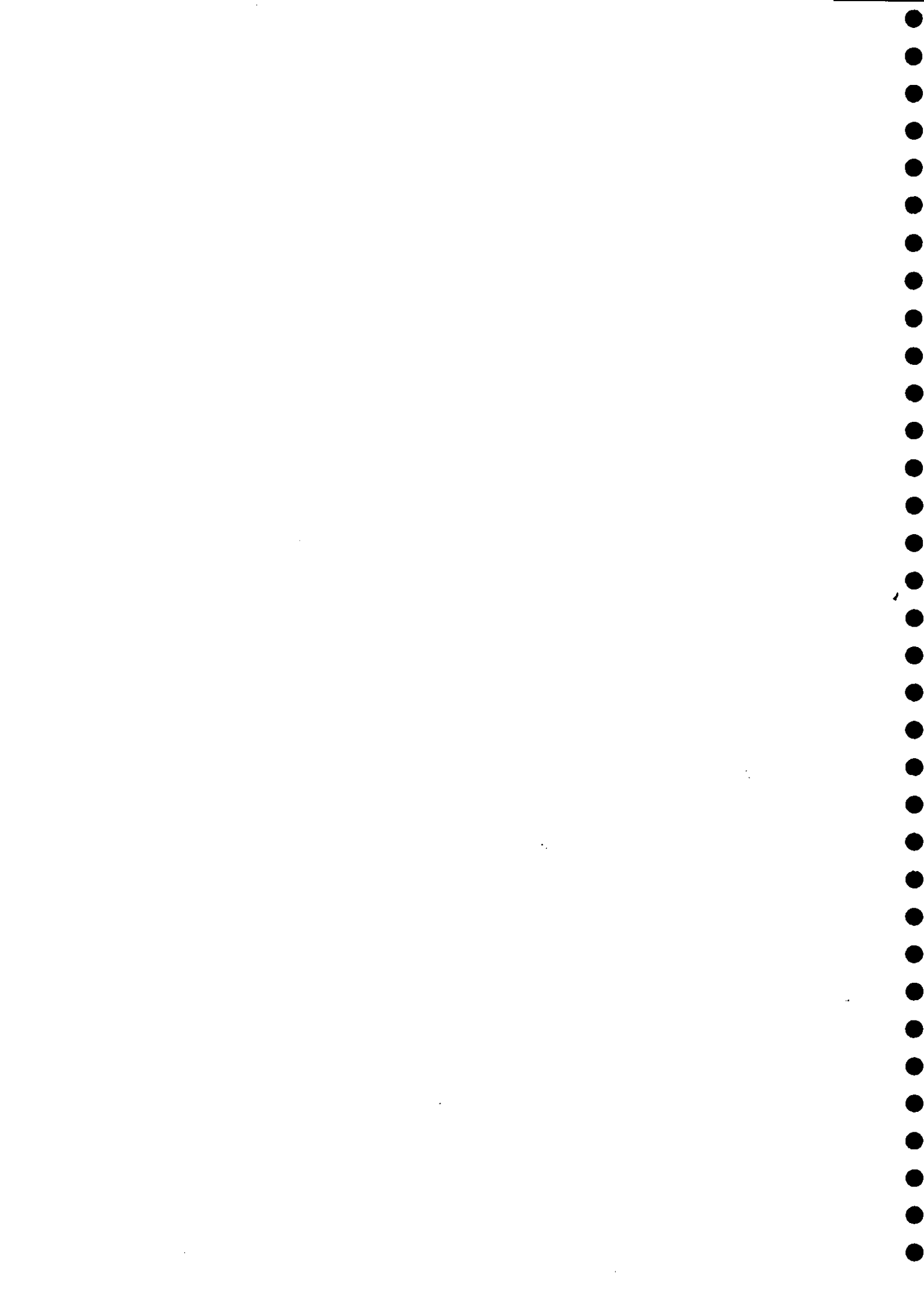


1994

Institute of Hydrology



Station :17344 Magiandarya - Sujina



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 17344 Name : river Magiandarya at Sujina

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1994

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 1.33 | 1.18 | 1.20 | 1.30 | 1.43 | 1.55 | 1.55 | 1.41 | 1.29 | 1.24 | 1.22 | 1.21 |
| 2 | 1.33 | 1.18 | 1.20 | 1.30 | 1.42 | 1.55 | 1.55 | 1.41 | 1.29 | 1.24 | 1.22 | 1.21 |
| 3 | 1.33 | 1.18 | 1.20 | 1.31 | 1.41 | 1.57 | 1.55 | 1.41 | 1.29 | 1.24 | 1.22 | 1.27 |
| 4 | 1.33 | 1.18 | 1.20 | 1.34 | 1.40 | 1.57 | 1.55 | 1.41 | 1.29 | 1.24 | 1.22 | 1.27 |
| 5 | 1.32 | 1.20 | 1.20 | 1.34 | 1.38 | 1.57 | 1.61 | 1.41 | 1.29 | 1.24 | 1.22 | 1.27 |
| 6 | 1.30 | 1.24 | 1.20 | 1.32 | 1.39 | 1.56 | 1.67 | 1.41 | 1.29 | 1.24 | 1.19 | 1.27 |
| 7 | 1.28 | 1.27 | 1.20 | 1.29 | 1.42 | 1.56 | 1.64 | 1.41 | 1.29 | 1.24 | 1.19 | 1.27 |
| 8 | 1.28 | 1.27 | 1.22 | 1.29 | 1.55 | 1.56 | 1.71 | 1.41 | 1.29 | 1.24 | 1.19 | 1.27 |
| 9 | 1.25 | 1.27 | 1.25 | 1.29 | 1.48 | 1.56 | 1.71 | 1.41 | 1.29 | 1.24 | 1.19 | 1.27 |
| 10 | 1.25 | 1.27 | 1.26 | 1.29 | 1.44 | 1.55 | 1.71 | 1.41 | 1.28 | 1.22 | 1.19 | 1.27 |
| 11 | 1.25 | 1.27 | 1.27 | 1.29 | 1.44 | 1.55 | 1.71 | 1.41 | 1.24 | 1.20 | 1.19 | 1.27 |
| 12 | 1.25 | 1.27 | 1.27 | 1.29 | 1.44 | 1.48 | 1.71 | 1.39 | 1.22 | 1.20 | 1.21 | 1.27 |
| 13 | 1.25 | 1.22 | 1.28 | 1.28 | 1.43 | 1.42 | 1.70 | 1.35 | 1.22 | 1.20 | 1.21 | 1.27 |
| 14 | 1.25 | 1.22 | 1.31 | 1.27 | 1.42 | 1.42 | 1.71 | 1.33 | 1.22 | 1.20 | 1.21 | 1.27 |
| 15 | 1.24 | 1.20 | 1.32 | 1.27 | 1.42 | 1.44 | 1.70 | 1.33 | 1.22 | 1.20 | 1.21 | 1.27 |
| 16 | 1.23 | 1.19 | 1.32 | 1.29 | 1.40 | 1.45 | 1.70 | 1.33 | 1.22 | 1.20 | 1.20 | 1.26 |
| 17 | 1.23 | 1.18 | 1.33 | 1.32 | 1.44 | 1.45 | 1.70 | 1.33 | 1.22 | 1.20 | 1.21 | 1.25 |
| 18 | 1.22 | 1.17 | 1.34 | 1.32 | 1.50 | 1.48 | 1.65 | 1.33 | 1.22 | 1.20 | 1.21 | 1.23 |
| 19 | 1.22 | 1.17 | 1.34 | 1.27 | 1.51 | 1.54 | 1.59 | 1.33 | 1.21 | 1.20 | 1.21 | 1.25 |
| 20 | 1.22 | 1.17 | 1.34 | 1.22 | 1.54 | 1.51 | 1.59 | 1.38 | 1.20 | 1.20 | 1.21 | 1.25 |
| 21 | 1.22 | 1.17 | 1.34 | 1.22 | 1.58 | 1.51 | 1.52 | 1.43 | 1.20 | 1.25 | 1.21 | 1.25 |
| 22 | 1.22 | 1.18 | 1.30 | 1.22 | 1.58 | 1.58 | 1.52 | 1.43 | 1.20 | 1.20 | 1.21 | 1.25 |
| 23 | 1.22 | 1.19 | 1.30 | 1.21 | 1.47 | 1.65 | 1.52 | 1.43 | 1.20 | 1.20 | 1.21 | 1.25 |
| 24 | 1.20 | 1.19 | 1.30 | 1.20 | 1.47 | 1.59 | 1.52 | 1.43 | 1.20 | 1.20 | 1.21 | 1.24 |
| 25 | 1.20 | 1.19 | 1.30 | 1.20 | 1.42 | 1.53 | 1.47 | 1.43 | 1.26 | 1.20 | 1.21 | 1.23 |
| 26 | 1.20 | 1.20 | 1.30 | 1.20 | 1.37 | 1.65 | 1.47 | 1.43 | 1.32 | 1.20 | 1.21 | 1.23 |
| 27 | 1.20 | 1.20 | 1.30 | 1.20 | 1.36 | 1.64 | 1.47 | 1.40 | 1.32 | 1.20 | 1.21 | 1.23 |
| 28 | 1.20 | 1.20 | 1.30 | 1.22 | 1.36 | 1.59 | 1.47 | 1.39 | 1.32 | 1.21 | 1.21 | 1.23 |
| 29 | 1.20 | | 1.30 | 1.25 | 1.35 | 1.55 | 1.47 | 1.38 | 1.28 | 1.22 | 1.21 | 1.23 |
| 30 | 1.20 | | 1.30 | 1.28 | 1.35 | 1.55 | 1.47 | 1.38 | 1.24 | 1.22 | 1.21 | 1.23 |
| 31 | 1.18 | | 1.30 | | 1.35 | | 1.41 | 1.38 | | 1.22 | | 1.23 |
| Mean | 1.25 | 1.21 | 1.28 | 1.27 | 1.44 | 1.54 | 1.59 | 1.39 | 1.25 | 1.22 | 1.21 | 1.25 |
| Maximum | 1.33 | 1.27 | 1.34 | 1.34 | 1.58 | 1.65 | 1.71 | 1.43 | 1.32 | 1.25 | 1.22 | 1.27 |
| Minimum | 1.18 | 1.17 | 1.20 | 1.20 | 1.35 | 1.42 | 1.41 | 1.33 | 1.20 | 1.20 | 1.19 | 1.21 |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

Missing - flag "--"

Original - no flag set

 Institute of Hydrology
 River gaugings for station 17344 : river Magiandarya at Sujina

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|-----------------|----------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. t | Diff./Rat. (m) | Plot |
| 1 | 2 Jan 1994 | A | 1.330 | .890 | 4.97 | 4.420 | 5.789 | -1.369 | -23.6 | .06/A | -> |
| 2 | 22 Jan 1994 | A | 1.220 | .870 | 3.93 | 3.420 | 3.420 | .000 | .0 | .00/A | - |
| 3 | 4 Feb 1994 | A | 1.180 | .920 | 3.64 | 3.350 | 2.748 | .602 | 21.9 | -.04/A | <- |
| 4 | 12 Feb 1994 | A | 1.270 | 1.050 | 4.18 | 4.390 | 4.398 | -.008 | -.2 | .00/A | - |
| 5 | 21 Feb 1994 | A | 1.170 | .860 | 3.12 | 2.680 | 2.594 | .086 | 3.3 | -.01/A | - |
| 6 | 28 Feb 1994 | A | 1.200 | 1.000 | 3.69 | 3.690 | 3.072 | .618 | 20.1 | -.03/A | <- |
| 7 | 3 Mar 1994 | A | 1.200 | 1.020 | 3.83 | 3.910 | 3.072 | .838 | 27.3 | -.05/A | <- |
| 8 | 15 Mar 1994 | A | 1.320 | .740 | 4.91 | 3.630 | 5.540 | -1.910 | -34.5 | .09/A | -> |
| 9 | 21 Mar 1994 | A | 1.340 | .880 | 5.17 | 4.550 | 6.045 | -1.495 | -24.7 | .06/A | -> |
| 10 | 29 Mar 1994 | A | 1.300 | .890 | 4.64 | 4.130 | 5.063 | -.933 | -18.4 | .04/A | -> |
| 11 | 5 Apr 1994 | A | 1.340 | .900 | 5.16 | 4.640 | 6.045 | -1.405 | -23.2 | .06/A | -> |
| 12 | 8 Apr 1994 | A | 1.290 | .830 | 4.84 | 4.020 | 4.835 | -.815 | -16.8 | .04/A | -> |
| 13 | 15 Apr 1994 | A | 1.240 | .820 | 4.60 | 3.770 | 3.792 | -.022 | -.6 | .00/A | - |
| 14 | 19 Apr 1994 | A | 1.320 | .950 | 5.37 | 5.100 | 5.540 | -.440 | -7.9 | .02/A | - |
| 15 | 27 Apr 1994 | A | 1.200 | .850 | 4.00 | 3.400 | 3.072 | .328 | 10.7 | -.02/A | - |
| 16 | 8 May 1994 | ? | 1.530 | 1.730 | 9.65 | 16.700 | 12.370 | 4.330 | 35.0 | -.10/A | <- |
| 17 | 18 May 1994 | A | 1.370 | 1.120 | 7.10 | 7.950 | 6.856 | 1.094 | 16.0 | -.04/A | <- |
| 18 | 22 May 1994 | A | 1.580 | 1.640 | 8.84 | 14.500 | 14.538 | -.038 | -.3 | .00/A | - |
| 19 | 24 May 1994 | A | 1.470 | 1.500 | 7.33 | 11.000 | 10.057 | .943 | 9.4 | -.03/A | <- |
| 20 | 30 May 1994 | A | 1.350 | 1.160 | 5.20 | 6.030 | 6.308 | -.278 | -4.4 | .01/A | - |
| 21 | 5 Jun 1994 | A | 1.570 | 1.550 | 9.23 | 14.300 | 14.087 | .213 | 1.5 | .00/A | - |
| 22 | 13 Jun 1994 | A | 1.420 | 1.200 | 8.17 | 9.800 | 8.358 | 1.442 | 17.2 | -.04/A | <- |
| 23 | 22 Jun 1994 | ? | 1.510 | 1.630 | 9.57 | 15.600 | 11.565 | 4.035 | 34.9 | -.09/A | <- |
| 24 | 23 Jun 1994 | B | 1.650 | 1.830 | 12.73 | 23.300 | 24.233 | -.933 | -3.8 | .02/B | - |
| 25 | 30 Jun 1994 | B | 1.550 | 1.690 | 11.12 | 18.800 | 19.509 | -.709 | -3.6 | .02/B | - |
| 26 | 5 Jul 1994 | B | 1.550 | 1.750 | 11.20 | 19.600 | 19.509 | .091 | .5 | .00/B | - |
| 27 | 6 Jul 1994 | B | 1.670 | 1.550 | 16.00 | 24.800 | 25.205 | -.405 | -1.6 | .01/B | - |
| 28 | 17 Jul 1994 | B | 1.710 | 1.750 | 16.80 | 29.400 | 27.175 | 2.225 | 8.2 | -.04/B | <- |
| 29 | 23 Jul 1994 | B | 1.520 | 1.720 | 11.98 | 20.600 | 18.140 | 2.460 | 13.6 | -.05/B | <- |
| 30 | 30 Jul 1994 | B | 1.470 | 1.680 | 10.30 | 17.300 | 15.910 | 1.390 | 8.7 | -.03/B | <- |
| 31 | 24 Aug 1994 | B | 1.430 | 1.520 | 8.95 | 13.600 | 14.176 | -.576 | -4.1 | .01/B | - |
| 32 | 6 Sep 1994 | B | 1.290 | 1.610 | 5.73 | 9.220 | 8.508 | .712 | 8.4 | -.02/B | - |
| 33 | 16 Sep 1994 | B | 1.220 | .510 | 9.92 | 5.060 | 5.949 | -.889 | -14.9 | .03/B | -> |
| 34 | 27 Sep 1994 | B | 1.320 | 1.400 | 7.06 | 9.880 | 9.665 | .215 | 2.2 | -.01/B | - |
| 35 | 9 Oct 1994 | B | 1.240 | 1.260 | 6.03 | 7.600 | 6.658 | .942 | 14.1 | -.03/B | <- |
| 36 | 22 Oct 1994 | ? | 1.200 | .980 | 3.73 | 3.660 | 3.274 | .386 | 11.8 | -.01/C | - |
| 37 | 29 Oct 1994 | ? | 1.220 | 1.280 | 3.23 | 4.130 | 3.865 | .265 | 6.9 | -.01/C | - |
| 38 | 4 Nov 1994 | ? | 1.220 | 1.020 | 4.20 | 4.280 | 3.865 | .415 | 10.7 | -.01/C | - |
| 39 | 11 Nov 1994 | ? | 1.190 | .840 | 3.05 | 2.560 | 2.988 | -.428 | -14.3 | .02/C | - |
| 40 | 29 Nov 1994 | ? | 1.210 | .930 | 3.29 | 3.060 | 3.567 | -.507 | -14.2 | .02/C | - |
| 41 | 1 Dec 1994 | ? | 1.210 | .870 | 3.34 | 2.910 | 3.567 | -.657 | -18.4 | .02/C | -> |

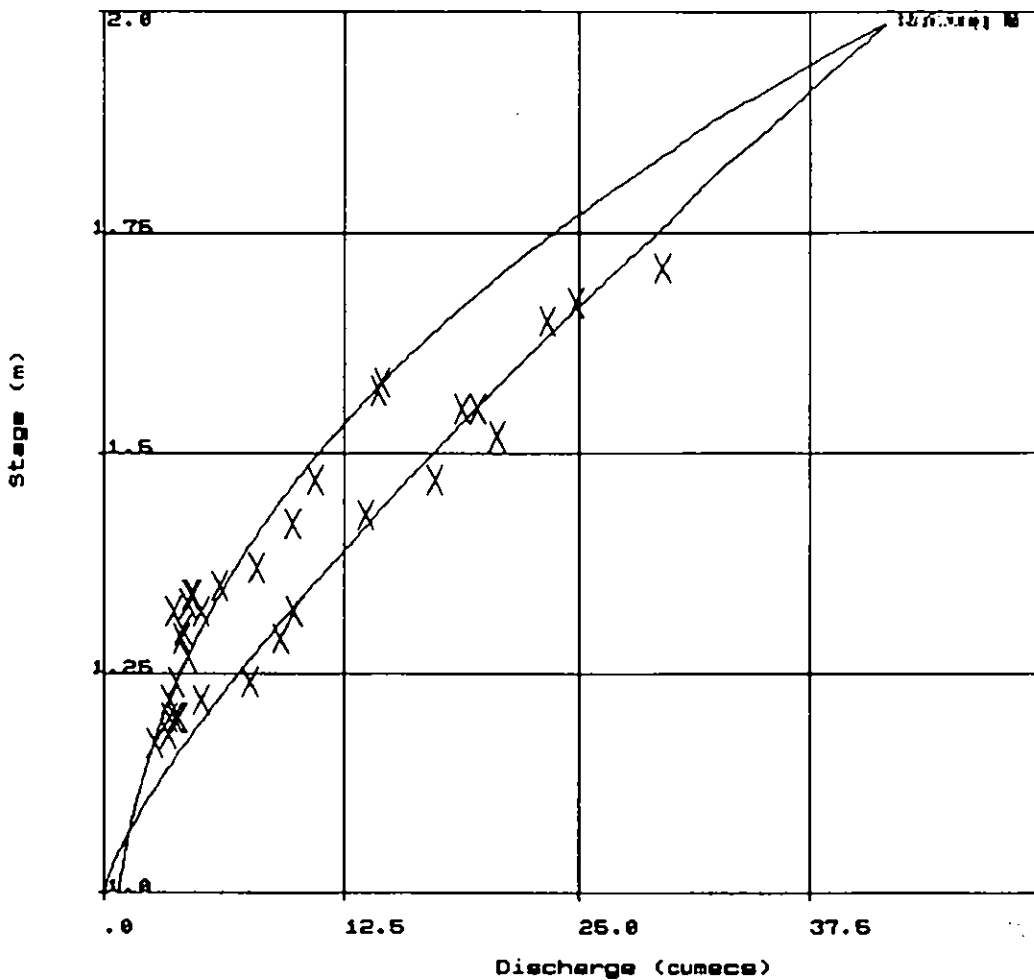
 Institute of Hydrology

River gaugings for station 17344 : river Magiandarya at Sujina

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|-----------------|-------------|--------|--------------|-------------------|----------------|-----------------------|------------------------|-------|-----------------|--------|---|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | | | (m) | |
| 42 | 12 Dec 1994 | 7 | 1.270 | 1.170 | 4.24 | 4.960 | 5.433 | -.473 | -8.7 | .01/C | - |
| 43 | 23 Dec 1994 | 7 | 1.250 | 1.270 | 4.06 | 5.150 | 4.791 | .359 | 7.5 | -.01/C | - |

Total number of gaugings = 43 (998 maximum)

River Magiandarya at Sujina



Institute of Hydrology

 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 17344 Name : river Magiandarya at Sujina

Basin number : 0 Latitude : 0: 0: 0 Longitude : 0: 0: 0 Altitude : .0
 Area : 1.0

Year : 1994

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

| | | | | | | | | | | | | |
|----|------|------|------|------|-------|-------|-------|-------|------|------|------|------|
| 1 | - | 2.75 | 3.07 | 5.06 | 8.08 | 12.25 | 19.51 | 13.33 | 8.94 | 6.66 | 3.87 | 3.57 |
| 2 | 5.79 | 2.75 | 3.07 | 5.09 | 8.36 | 13.32 | 19.51 | 13.33 | 8.51 | 6.66 | 3.87 | 3.79 |
| 3 | 5.79 | 2.75 | 3.07 | 5.36 | 8.04 | 13.98 | 19.51 | 13.33 | 8.51 | 6.66 | 3.87 | 5.19 |
| 4 | 5.76 | 2.79 | 3.07 | 5.95 | 7.70 | 14.09 | 19.86 | 13.33 | 8.51 | 6.66 | 3.87 | 5.43 |
| 5 | 5.51 | 3.12 | 3.07 | 5.98 | 7.25 | 14.03 | 22.32 | 13.33 | 8.51 | 6.66 | 3.75 | 5.43 |
| 6 | 5.07 | 3.77 | 3.07 | 5.51 | 7.51 | 13.70 | 24.66 | 13.33 | 8.51 | 6.66 | 3.10 | 5.43 |
| 7 | 4.67 | 4.32 | 3.12 | 4.92 | 8.80 | 13.64 | 24.36 | 13.33 | 8.51 | 6.66 | 2.99 | 5.43 |
| 8 | 4.53 | 4.40 | 3.44 | 4.84 | 12.20 | 13.64 | 26.74 | 13.33 | 8.51 | 6.66 | 2.99 | 5.43 |
| 9 | 4.06 | 4.40 | 3.94 | 4.84 | 10.58 | 13.59 | 27.17 | 13.33 | 8.46 | 6.57 | 2.99 | 5.43 |
| 10 | 3.99 | 4.40 | 4.19 | 4.84 | 9.19 | 13.26 | 27.17 | 13.33 | 7.99 | 5.95 | 2.99 | 5.43 |
| 11 | 3.99 | 4.40 | 4.37 | 4.84 | 9.01 | 12.85 | 27.17 | 13.22 | 6.75 | 5.34 | 3.06 | 5.43 |
| 12 | 3.99 | 4.27 | 4.43 | 4.81 | 8.97 | 10.49 | 27.11 | 12.39 | 6.04 | 5.26 | 3.49 | 5.43 |
| 13 | 3.99 | 3.54 | 4.67 | 4.61 | 8.68 | 8.61 | 26.80 | 10.96 | 5.95 | 5.26 | 3.57 | 5.43 |
| 14 | 3.96 | 3.38 | 5.24 | 4.43 | 8.40 | 8.44 | 27.05 | 10.16 | 5.95 | 5.26 | 3.57 | 5.43 |
| 15 | 3.79 | 3.09 | 5.51 | 4.45 | 8.28 | 8.97 | 26.74 | 10.06 | 5.95 | 5.26 | 3.53 | 5.39 |
| 16 | 3.63 | 2.91 | 5.57 | 4.86 | 7.97 | 9.31 | 26.68 | 10.06 | 5.95 | 5.26 | 3.35 | 5.11 |
| 17 | 3.58 | 2.75 | 5.79 | 5.45 | 9.11 | 9.48 | 26.37 | 10.06 | 5.95 | 5.26 | 3.53 | 4.75 |
| 18 | 3.44 | 2.61 | 6.01 | 5.39 | 10.94 | 10.57 | 24.18 | 10.06 | 5.91 | 5.26 | 3.57 | 4.32 |
| 19 | 3.42 | 2.59 | 6.05 | 4.41 | 11.67 | 12.32 | 21.73 | 10.31 | 5.60 | 5.26 | 3.57 | 4.71 |
| 20 | 3.42 | 2.59 | 6.05 | 3.54 | 12.85 | 11.72 | 20.96 | 12.08 | 5.30 | 5.47 | 3.57 | 4.79 |
| 21 | 3.42 | 2.61 | 5.92 | 3.42 | 14.31 | 11.92 | 18.54 | 13.91 | 5.26 | 6.57 | 3.57 | 4.79 |
| 22 | 3.42 | 2.75 | 5.18 | 3.40 | 13.94 | 14.57 | 18.14 | 14.18 | 5.26 | 3.46 | 3.57 | 4.79 |
| 23 | 3.38 | 2.89 | 5.06 | 3.24 | 10.58 | 23.45 | 18.14 | 14.18 | 5.26 | 3.27 | 3.57 | 4.75 |
| 24 | 3.12 | 2.91 | 5.06 | 3.09 | 9.84 | 21.38 | 17.86 | 14.18 | 5.52 | 3.27 | 3.57 | 4.48 |
| 25 | 3.07 | 2.93 | 5.06 | 3.07 | 8.37 | 19.63 | 16.19 | 14.18 | 7.39 | 3.27 | 3.57 | 4.21 |
| 26 | 3.07 | 3.05 | 5.06 | 3.07 | 7.00 | 23.46 | 15.91 | 14.02 | 9.38 | 3.27 | 3.57 | 4.17 |
| 27 | 3.07 | 3.07 | 5.06 | 3.12 | 6.61 | 23.51 | 15.91 | 13.01 | 9.66 | 3.31 | 3.57 | 4.17 |
| 28 | 3.07 | 3.07 | 5.06 | 3.44 | 6.54 | 21.43 | 15.91 | 12.49 | 9.47 | 3.57 | 3.57 | 4.17 |
| 29 | 3.07 | | 5.06 | 3.99 | 6.34 | 19.74 | 15.91 | 12.13 | 8.13 | 3.83 | 3.57 | 4.17 |
| 30 | 3.03 | | 5.06 | 4.99 | 6.31 | 19.51 | 15.58 | 12.08 | 6.84 | 3.87 | 3.57 | 4.17 |
| 31 | 2.79 | | 5.06 | | 7.07 | | 13.65 | 11.62 | | 3.87 | | 4.17 |

| | | | | | | | | | | | | |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Mean | 3.8961 | 3.2446 | 4.628 | 4.467 | 9.049 | 14.562 | 21.527 | 12.535 | 7.2158 | 5.169 | 3.4909 | 4.8201 |
| Maximum | 5.789 | 4.398 | 6.045 | 5.981 | 14.315 | 23.511 | 27.175 | 14.176 | 9.665 | 6.658 | 3.865 | 5.433 |
| Minimum | 2.788 | 2.594 | 3.072 | 3.072 | 6.308 | 8.439 | 13.647 | 10.058 | 5.259 | 3.274 | 2.988 | 3.567 |
| Runoff | 10435. | 7849.3 | 12396. | 11578. | 24237. | 37745. | 57659. | 33573. | 18703. | 13845. | 9048.4 | 12910. |

Flows in cubic metres per second

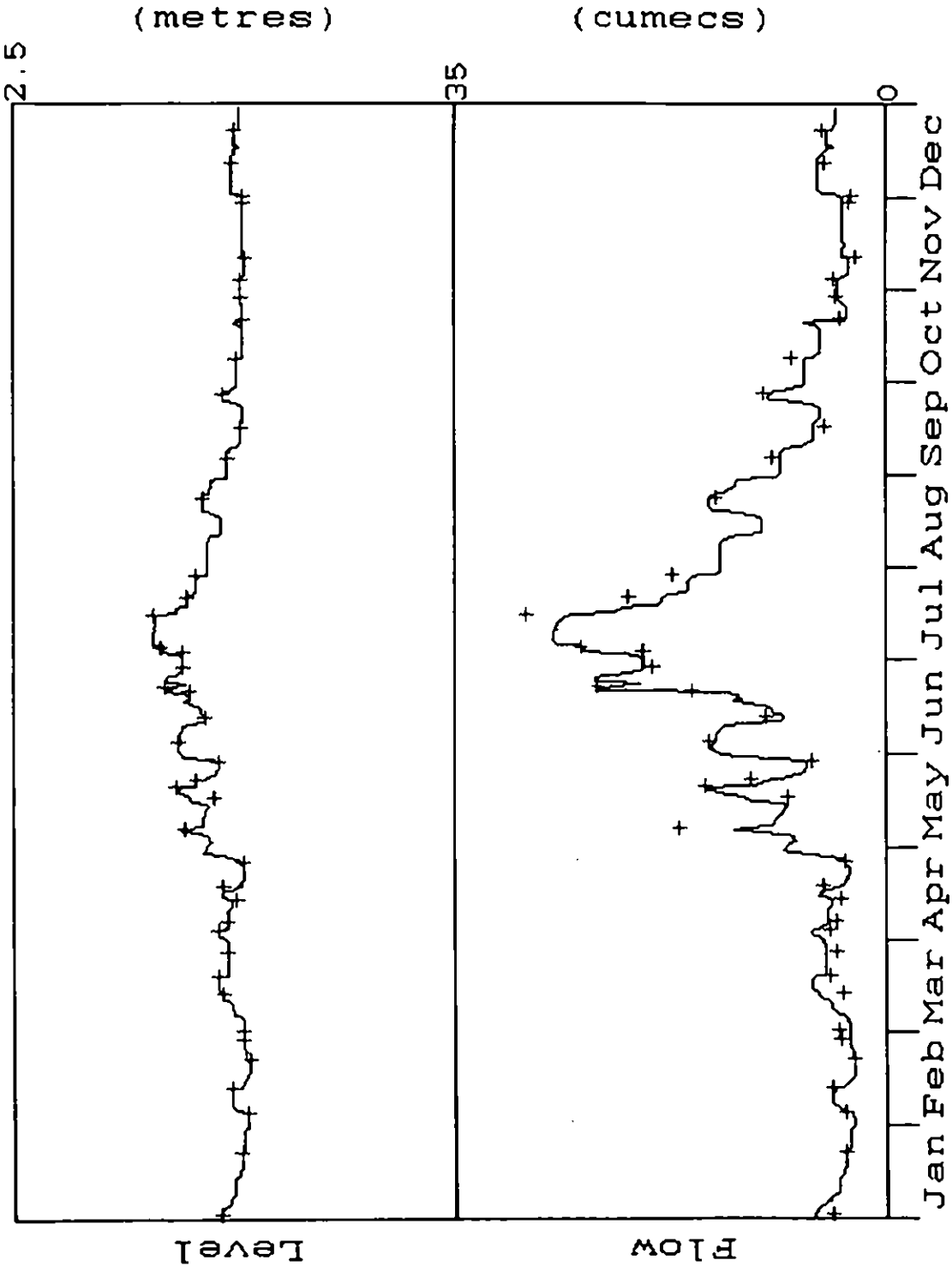
 Annual statistics

Maximum 27.175 Minimum 2.594 Mean 7.938 cubic metres per second
 Total 250.329 million cubic metres Runoff 250328.800 millimetres

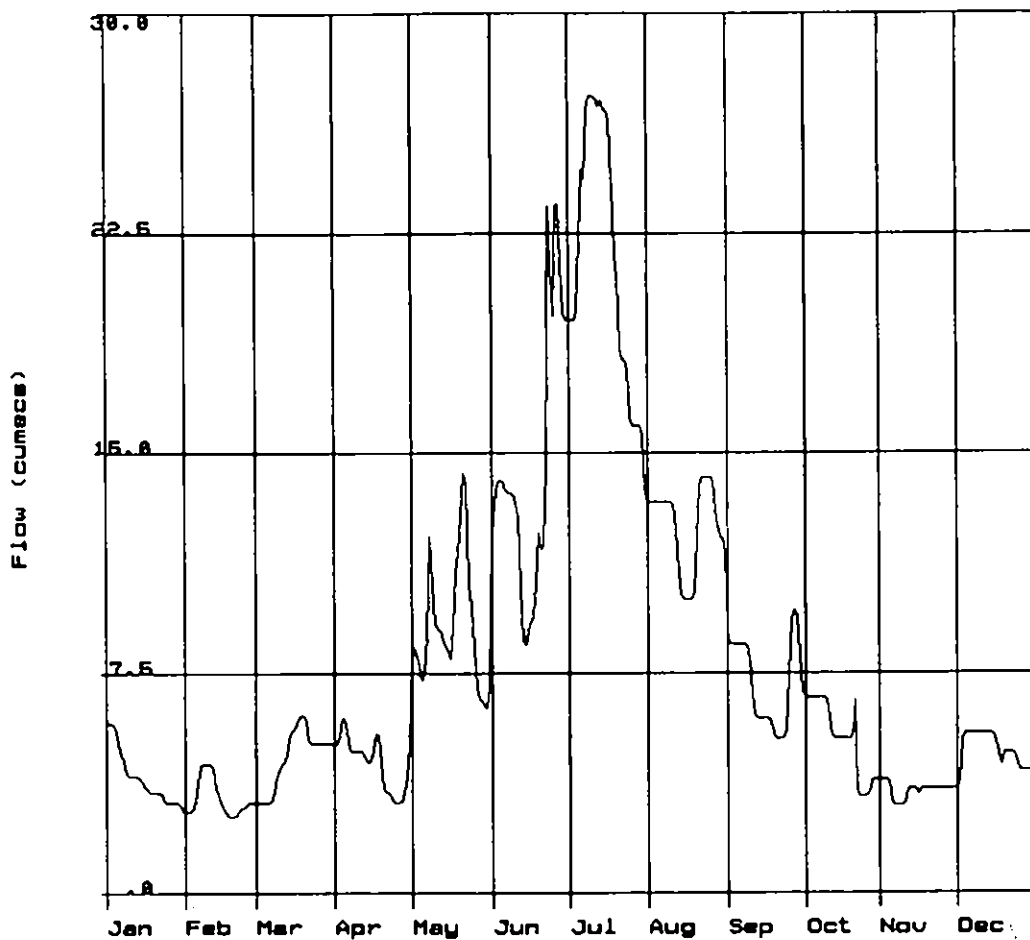
 Possible data flags

Missing - flag "-- Original - no flag set Estimate - flag "e"

017344 river Magiandarya at Sujina 1994

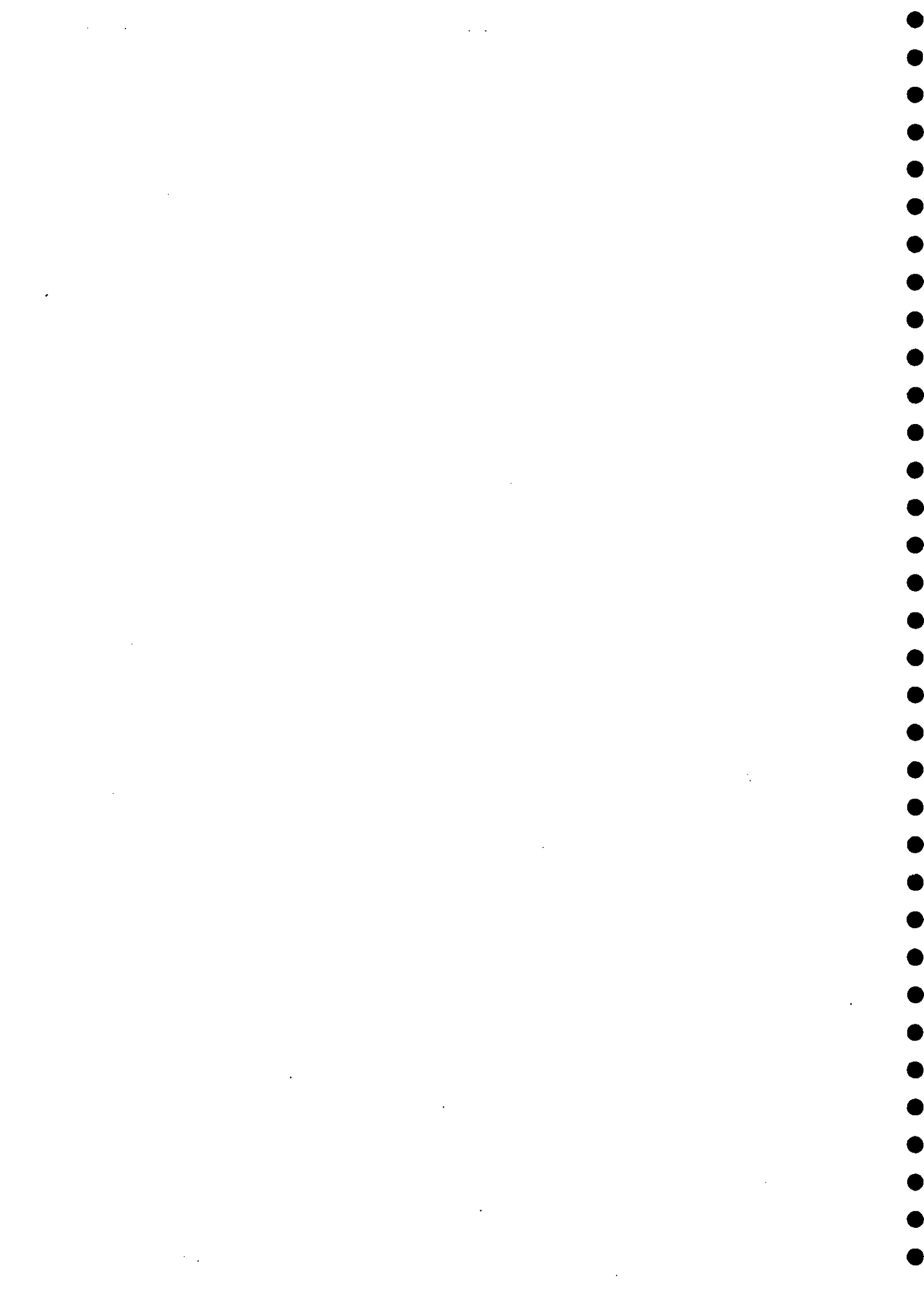


River Magiandarya at Sujina

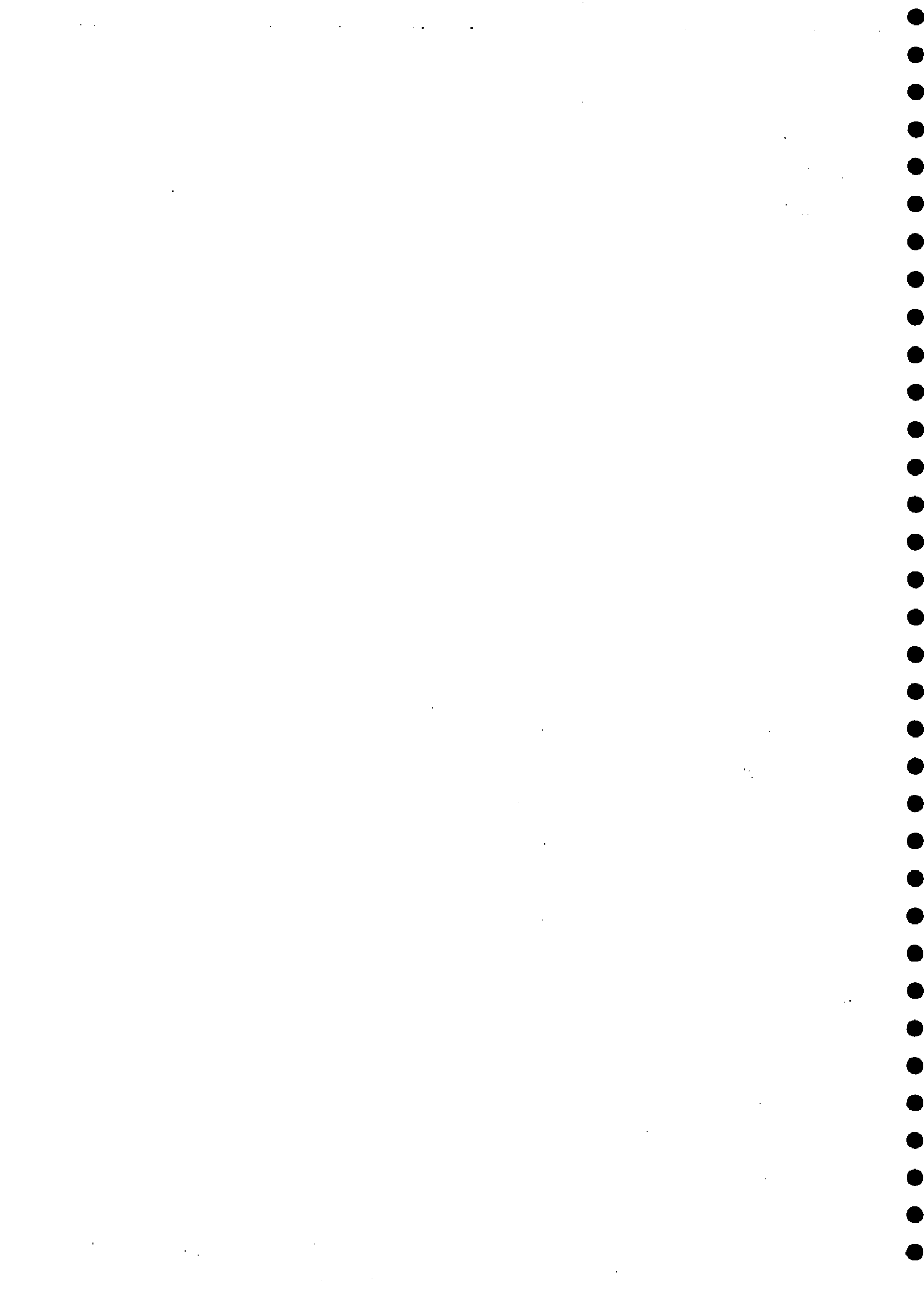


1994

Institute of Hydrology



Station :16006 Syrdarya - Akdjar



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : **16006** Name : river Syrdaryi at Akdjar

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1994

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 2.45 | 2.17 | 2.73 | 1.91 | 2.99 | 1.64 | 1.33 | 1.19 | 1.25 | 1.77 | 1.83 | 2.41 |
| 2 | 2.47 | 2.15 | 2.70 | 1.94 | 2.62 | 1.85 | 1.27 | 1.27 | 1.86 | 1.58 | 2.09 | 2.50 |
| 3 | 2.42 | 2.17 | 2.72 | 2.22 | 2.40 | 1.86 | 1.16 | 1.37 | 1.66 | 1.41 | 2.08 | 2.48 |
| 4 | 2.43 | 2.15 | 2.73 | 2.21 | 2.46 | 1.89 | 1.27 | 1.37 | 1.50 | 1.48 | 2.00 | 2.67 |
| 5 | 2.44 | 2.18 | 2.75 | 2.32 | 2.33 | 1.66 | 1.39 | 1.61 | 1.46 | 1.56 | 1.84 | 2.49 |
| 6 | 2.42 | 2.21 | 2.72 | 2.58 | 2.16 | 1.59 | 1.44 | 1.53 | 1.52 | 1.43 | 2.09 | 2.46 |
| 7 | 2.41 | 2.21 | 2.69 | 2.55 | 2.16 | 1.49 | 1.51 | 1.10 | 1.50 | 1.40 | 2.15 | 2.60 |
| 8 | 2.39 | 2.22 | 2.66 | 2.55 | 2.16 | 1.41 | 1.55 | 1.00 | 1.55 | 1.36 | 2.20 | 2.67 |
| 9 | 2.35 | 2.29 | 2.57 | 2.56 | 2.51 | 1.58 | 1.49 | 1.00 | 1.70 | 1.47 | 2.31 | 2.78 |
| 10 | 2.32 | 2.31 | 2.48 | 2.56 | 3.05 | 1.69 | 1.63 | .98 | 1.77 | 1.40 | 2.21 | 2.74 |
| 11 | 2.37 | 2.35 | 2.54 | 2.42 | 2.91 | 1.65 | 1.57 | .99 | 1.66 | 1.29 | 2.07 | 2.66 |
| 12 | 2.36 | 2.34 | 2.58 | 2.49 | 2.83 | 1.52 | 1.44 | 1.31 | 1.58 | 1.31 | 2.23 | 2.62 |
| 13 | 2.32 | 2.33 | 2.61 | 2.52 | 2.72 | 1.55 | 1.45 | 1.49 | 1.65 | 1.54 | 2.33 | 2.47 |
| 14 | 2.30 | 2.32 | 2.49 | 2.38 | 2.44 | 1.41 | 1.46 | 1.37 | 1.62 | 1.44 | 2.28 | 2.58 |
| 15 | 2.29 | 2.34 | 2.55 | 2.36 | 2.39 | 1.32 | 1.44 | 1.25 | 1.59 | 1.45 | 2.24 | 2.73 |
| 16 | 2.29 | 2.40 | 2.60 | 2.45 | 2.29 | 1.52 | 1.45 | 1.09 | 1.58 | 1.45 | 2.29 | 2.74 |
| 17 | 2.26 | 2.52 | 2.58 | 2.46 | 2.35 | 1.38 | 1.60 | 1.11 | 1.61 | 1.41 | 2.11 | 2.63 |
| 18 | 2.21 | 2.57 | 2.51 | 2.55 | 2.27 | 1.23 | 1.87 | 1.04 | 1.59 | 1.42 | 2.20 | 2.56 |
| 19 | 2.27 | 2.58 | 2.47 | 2.44 | 2.26 | 1.42 | 1.94 | .93 | 1.72 | 1.43 | 2.28 | 2.54 |
| 20 | 2.28 | 2.52 | 2.38 | 2.36 | 2.43 | 1.43 | 1.58 | .89 | 1.72 | 1.56 | 2.16 | 2.58 |
| 21 | 2.30 | 2.46 | 2.15 | 2.26 | 2.65 | 1.41 | 1.76 | .81 | 1.78 | 1.44 | 2.17 | 2.59 |
| 22 | 2.30 | 2.57 | 2.12 | 2.19 | 2.35 | 1.40 | 1.70 | .78 | 1.81 | 1.53 | 2.16 | 2.57 |
| 23 | 2.34 | 2.67 | 2.15 | 2.21 | 2.18 | 1.45 | 1.58 | .77 | 1.85 | 1.59 | 2.24 | 2.73 |
| 24 | 2.32 | 2.65 | 2.22 | 1.92 | 2.15 | 1.40 | 1.71 | .81 | 1.99 | 1.60 | 2.31 | 2.74 |
| 25 | 2.32 | 2.65 | 2.13 | 1.76 | 2.16 | 1.38 | 1.85 | .91 | 1.97 | 1.58 | 2.37 | 2.71 |
| 26 | 2.35 | 2.69 | 2.13 | 1.80 | 2.36 | 1.44 | 1.79 | 1.01 | 1.80 | 1.71 | 2.40 | 2.68 |
| 27 | 2.30 | 2.70 | 2.16 | 1.65 | 2.19 | 1.50 | 1.77 | .83 | 1.80 | 1.84 | 2.13 | 2.66 |
| 28 | 2.28 | 2.72 | 2.18 | 1.71 | 1.95 | 1.35 | 1.90 | .98 | 1.80 | 2.02 | 2.33 | 2.65 |
| 29 | 2.29 | | 2.05 | 2.09 | 1.85 | 1.28 | 1.74 | 1.00 | 1.77 | 2.06 | 2.38 | 2.65 |
| 30 | 2.25 | | 2.00 | 2.56 | 1.74 | 1.46 | 1.64 | .92 | 1.75 | 2.03 | 2.45 | 2.62 |
| 31 | 2.21 | | 1.98 | | 1.66 | | 1.46 | .93 | | 1.93 | | 2.61 |
| Mean | 2.33 | 2.41 | 2.43 | 2.27 | 2.35 | 1.51 | 1.57 | 1.09 | 1.68 | 1.56 | 2.20 | 2.62 |
| Maximum | 2.47 | 2.72 | 2.75 | 2.58 | 3.05 | 1.89 | 1.94 | 1.61 | 1.99 | 2.06 | 2.45 | 2.78 |
| Minimum | 2.21 | 2.15 | 1.98 | 1.65 | 1.66 | 1.23 | 1.16 | .77 | 1.25 | 1.29 | 1.83 | 2.41 |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

Missing - flag "--"

Original - no flag set

 Institute of Hydrology
 River gaugings for station **16005** : river Syrdarya at Akdjar

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | Discharge | | | Stage | | |
|--------------|-------------|--------|-----------|----------------|-------------|-------------------|---------------------|----------------|-------|----------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. | Diff./Rat. (m) | Plot |
| 1 | 3 Jan 1994 | A | 2.430 | 1.540 | 583.77 | 899.000 | 883.925 | 15.075 | 1.7 | -.03/A | <- |
| 2 | 8 Jan 1994 | A | 2.390 | 1.450 | 611.72 | 887.000 | 864.067 | 22.933 | 2.7 | -.05/A | <- |
| 3 | 20 Jan 1994 | A | 2.290 | 1.390 | 601.44 | 836.000 | 815.432 | 20.568 | 2.5 | -.04/A | <- |
| 4 | 30 Jan 1994 | A | 2.290 | 1.290 | 651.94 | 841.000 | 815.432 | 25.568 | 3.1 | -.05/A | <- |
| 5 | 1 Feb 1994 | A | 2.170 | 1.540 | 501.95 | 773.000 | 758.974 | 14.026 | 1.8 | -.03/A | <- |
| 6 | 11 Feb 1994 | A | 2.310 | 1.470 | 585.03 | 860.000 | 825.044 | 34.956 | 4.2 | -.07/A | <- |
| 7 | 18 Feb 1994 | A | 2.560 | 1.610 | 605.59 | 975.000 | 950.062 | 24.938 | 2.6 | -.05/A | <- |
| 8 | 22 Feb 1994 | A | 2.660 | 1.500 | 680.00 | 1020.000 | 1002.602 | 17.398 | 1.7 | -.03/A | <- |
| 9 | 26 Feb 1994 | A | 2.700 | 1.440 | 715.28 | 1030.000 | 1024.023 | 5.977 | .6 | -.01/A | - |
| 10 | 1 Mar 1994 | A | 2.730 | 1.410 | 723.40 | 1020.000 | 1040.242 | -20.242 | -1.9 | .04/A | -> |
| 11 | 11 Mar 1994 | A | 2.550 | 1.390 | 697.12 | 969.000 | 944.888 | 24.112 | 2.6 | -.05/A | <- |
| 12 | 19 Mar 1994 | A | 2.470 | 1.390 | 674.82 | 938.000 | 904.015 | 33.985 | 3.8 | -.07/A | <- |
| 13 | 21 Mar 1994 | A | 2.160 | 1.370 | 573.72 | 786.000 | 754.363 | 31.637 | 4.2 | -.07/A | <- |
| 14 | 29 Mar 1994 | A | 2.070 | 1.290 | 552.71 | 713.000 | 713.510 | -.510 | -.1 | .00/A | - |
| 15 | 30 Mar 1994 | A | 2.000 | 1.150 | 596.52 | 686.000 | 682.540 | 3.460 | .5 | -.01/A | - |
| 16 | 1 Apr 1994 | A | 1.900 | 1.070 | 578.50 | 619.000 | 639.519 | -20.519 | -3.2 | .05/A | -> |
| 17 | 2 Apr 1994 | A | 1.840 | 1.140 | 572.81 | 653.000 | 614.394 | 38.606 | 6.3 | -.09/A | <- |
| 18 | 6 Apr 1994 | A | 2.530 | 1.320 | 699.24 | 923.000 | 934.583 | -11.583 | -1.2 | .02/A | -> |
| 19 | 15 Apr 1994 | A | 2.350 | 1.380 | 590.58 | 815.000 | 844.440 | -29.440 | -3.5 | .06/A | -> |
| 20 | 22 Apr 1994 | A | 2.190 | 1.250 | 622.40 | 778.000 | 768.240 | 9.760 | 1.3 | -.02/A | <- |
| 21 | 25 Apr 1994 | A | 1.760 | 1.080 | 537.04 | 580.000 | 581.697 | -1.697 | -.3 | .00/A | - |
| 22 | 1 May 1994 | A | 3.040 | 1.660 | 801.20 | 1330.000 | 1215.490 | 114.510 | 9.4 | -.19/A | <<- |
| 23 | 2 May 1994 | A | 2.610 | 1.490 | 691.28 | 1030.000 | 976.151 | 53.849 | 5.5 | -.10/A | <- |
| 24 | 3 May 1994 | A | 2.380 | 1.450 | 612.41 | 888.000 | 859.138 | 28.862 | 3.4 | -.06/A | <- |
| 25 | 10 May 1994 | A | 2.120 | 1.270 | 568.50 | 722.000 | 736.062 | -14.062 | -1.9 | .03/A | -> |
| 26 | 11 May 1994 | A | 1.930 | 1.150 | 559.13 | 643.000 | 652.274 | -9.274 | -1.4 | .02/A | -> |
| 27 | 25 May 1994 | A | 3.120 | 1.730 | 745.66 | 1290.000 | 1262.985 | 27.015 | 2.1 | -.04/A | <- |
| 28 | 26 May 1994 | A | 3.050 | 1.730 | 751.45 | 1300.000 | 1221.376 | 78.624 | 6.4 | -.13/A | <<- |
| 29 | 31 May 1994 | A | 1.680 | 1.070 | 502.80 | 538.000 | 549.915 | -11.915 | -2.2 | .03/A | -> |
| 30 | 1 Jun 1994 | A | 1.600 | 1.010 | 486.14 | 491.000 | 519.047 | -28.047 | -5.4 | .07/A | -> |
| 31 | 2 Jun 1994 | A | 1.860 | 1.170 | 538.46 | 630.000 | 622.712 | 7.288 | 1.2 | -.02/A | - |
| 32 | 14 Jun 1994 | A | 1.380 | 1.110 | 414.41 | 460.000 | 438.864 | 21.136 | 4.8 | -.06/A | <- |
| 33 | 15 Jun 1994 | A | 1.300 | 1.120 | 390.18 | 437.000 | 411.412 | 25.588 | 6.2 | -.07/A | <- |
| 34 | 23 Jun 1994 | A | 1.470 | 1.230 | 392.68 | 483.000 | 470.833 | 12.167 | 2.6 | -.03/A | <- |
| 35 | 29 Jun 1994 | A | 1.270 | 1.120 | 356.25 | 399.000 | 401.352 | -2.352 | -.6 | .01/A | - |
| 36 | 1 Jul 1994 | A | 1.340 | 1.140 | 373.68 | 426.000 | 425.024 | .976 | .2 | .00/A | - |
| 37 | 9 Jul 1994 | A | 1.490 | 1.160 | 418.10 | 485.000 | 478.094 | 6.906 | 1.4 | -.02/A | - |
| 38 | 18 Jul 1994 | A | 1.870 | 1.250 | 489.60 | 612.000 | 626.892 | -14.892 | -2.4 | .04/A | -> |
| 39 | 19 Jul 1994 | A | 1.930 | 1.220 | 517.21 | 631.000 | 652.274 | -21.274 | -3.3 | .05/A | -> |
| 40 | 26 Jul 1994 | A | 1.790 | 1.140 | 492.98 | 562.000 | 593.851 | -31.851 | -5.4 | .08/A | -> |
| 41 | 30 Jul 1994 | A | 1.630 | 1.050 | 483.81 | 508.000 | 530.515 | -22.515 | -4.2 | .06/A | -> |

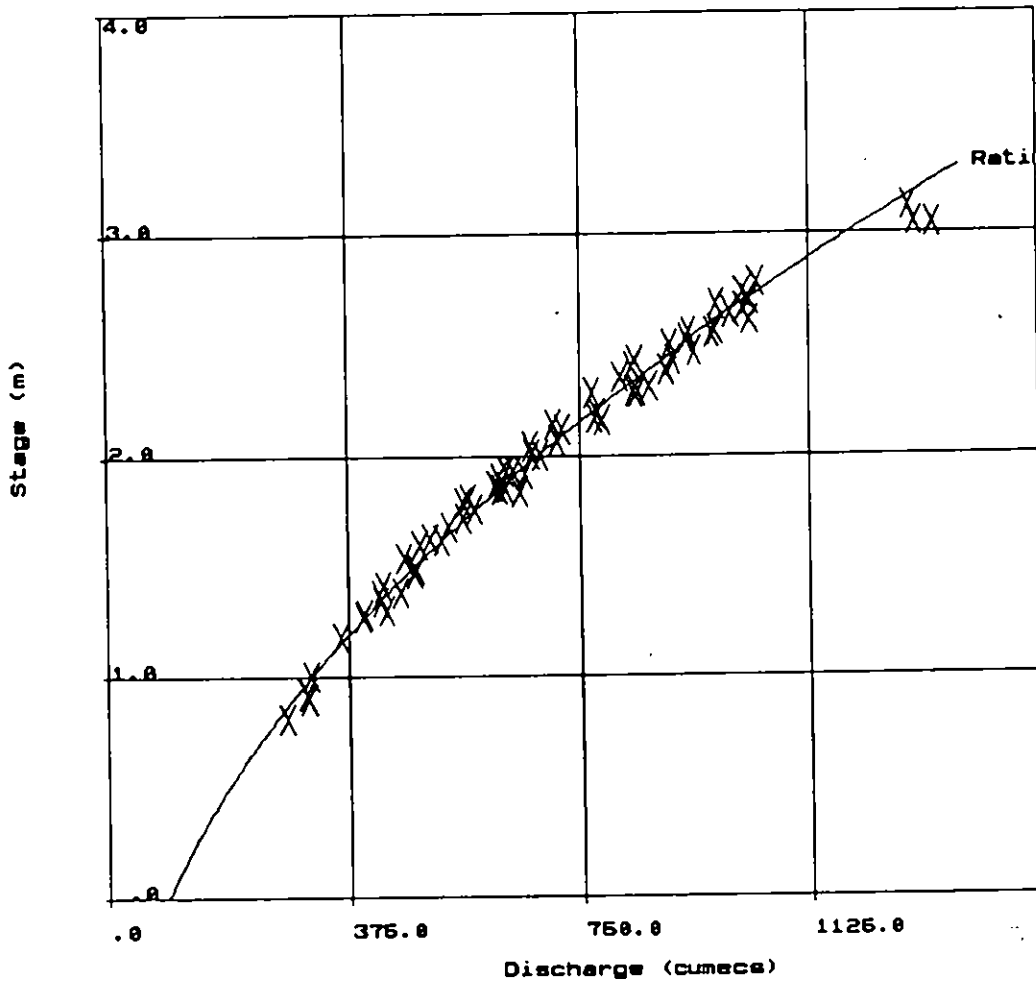
Institute of Hydrology

River gaugings for station **16006** : river Syrdarya at Akdjar

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | Discharge | | | t | Stage | |
|--------------|-------------|--------|-----------|----------------|-------------|-------------------|---------------------|----------|------|--------|----|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | (cumecs) | | (m) | |
| 42 | 1 Aug 1994 | A | 1.180 | .900 | 403.33 | 363.000 | 371.937 | -8.937 | -2.4 | .03/A | -> |
| 43 | 3 Aug 1994 | A | 1.370 | .980 | 433.67 | 425.000 | 435.383 | -10.383 | -2.4 | .03/A | -> |
| 44 | 6 Aug 1994 | A | 1.540 | 1.020 | 456.86 | 466.000 | 496.495 | -30.495 | -6.1 | .08/A | -> |
| 45 | 8 Aug 1994 | A | 1.000 | .840 | 376.19 | 316.000 | 316.541 | -.541 | -.2 | .00/A | - |
| 46 | 19 Aug 1994 | A | .900 | .920 | 339.13 | 312.000 | 287.740 | 24.260 | 8.4 | -.08/A | <- |
| 47 | 21 Aug 1994 | A | .810 | .910 | 306.59 | 279.000 | 263.021 | 15.979 | 6.1 | -.06/A | <- |
| 48 | 31 Aug 1994 | A | .920 | .990 | 312.12 | 309.000 | 293.388 | 15.612 | 5.3 | -.05/A | <- |
| 49 | 2 Sep 1994 | A | 1.920 | 1.280 | 517.19 | 662.000 | 648.008 | 13.992 | 2.2 | -.03/A | <- |
| 50 | 3 Sep 1994 | A | 1.720 | 1.910 | 294.24 | 562.000 | 565.691 | -3.691 | -.7 | .01/A | - |
| 51 | 15 Sep 1994 | A | 1.600 | 1.110 | 442.34 | 491.000 | 519.047 | -28.047 | -5.4 | .07/A | -> |
| 52 | 22 Sep 1994 | A | 1.850 | 1.180 | 525.42 | 620.000 | 618.546 | 1.454 | .2 | .00/A | - |
| 53 | 24 Sep 1994 | A | 2.010 | 1.240 | 542.74 | 673.000 | 686.921 | -13.921 | -2.0 | .03/A | -> |
| 54 | 3 Oct 1994 | A | 1.410 | 1.010 | 425.74 | 430.000 | 449.392 | -19.392 | -4.3 | .06/A | -> |
| 55 | 11 Oct 1994 | A | 1.620 | 1.110 | 472.97 | 525.000 | 526.678 | -1.678 | -.3 | .00/A | - |
| 56 | 24 Oct 1994 | A | 1.280 | .960 | 417.71 | 401.000 | 404.691 | -3.691 | -.9 | .01/A | - |
| 57 | 28 Oct 1994 | A | 2.040 | 1.180 | 568.64 | 671.000 | 700.151 | -29.151 | -4.2 | .07/A | -> |
| 58 | 1 Nov 1994 | A | 1.810 | 1.160 | 491.38 | 570.000 | 602.025 | -32.025 | -5.3 | .08/A | -> |
| 59 | 2 Nov 1994 | A | 2.140 | 1.300 | 543.85 | 707.000 | 745.184 | -38.184 | -5.1 | .08/A | -> |
| 60 | 9 Nov 1994 | A | 2.280 | 1.310 | 587.79 | 770.000 | 810.648 | -40.648 | -5.0 | .09/A | -> |
| 61 | 26 Nov 1994 | A | 2.430 | 1.340 | 624.63 | 837.000 | 883.925 | -46.925 | -5.3 | .10/A | -> |
| 62 | 1 Dec 1994 | A | 2.400 | 1.390 | 600.00 | 834.000 | 869.010 | -35.010 | -4.0 | .07/A | -> |
| 63 | 2 Dec 1994 | A | 2.500 | 1.490 | 600.00 | 894.000 | 919.234 | -25.234 | -2.7 | .05/A | -> |
| 64 | 4 Dec 1994 | A | 2.680 | 1.480 | 660.14 | 977.000 | 1013.283 | -36.283 | -3.6 | .07/A | -> |
| 65 | 9 Dec 1994 | A | 2.780 | 1.480 | 702.70 | 1040.000 | 1067.563 | -27.563 | -2.6 | .05/A | -> |
| 66 | 10 Dec 1994 | A | 2.550 | 1.420 | 653.52 | 928.000 | 944.888 | -16.888 | -1.8 | .03/A | -> |
| 67 | 30 Dec 1994 | A | 2.640 | 1.460 | 684.93 | 1000.000 | 991.978 | 8.022 | .8 | -.02/A | - |

Total number of gaugings = 67 (998 maximum)

river Syrdarya at Akdjar



Institute of Hydrology

Institute of Hydrology
Annual summary of daily data - Flow

Station number : **16006** Name : river Syrdarya at Akdjar

Basin number : 0 Latitude : 0: 0: 0 Longitude : 0: 0: 0 Altitude : .0
Area : 1.0

Year : 1994

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|----------|----------|----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|
| 1 | - | 760.14 | 1037.53 | 649.09 | 1129.68 | 545.66 | 424.68 | 389.58 | 408.80 | 575.28 | 629.19 | 882.08 |
| 2 | - | 752.07 | 1027.39 | 670.31 | 992.13 | 608.35 | 399.34 | 402.26 | 582.30 | 512.71 | 707.59 | 912.27 |
| 3 | 882.68 | 756.67 | 1034.15 | 765.60 | 886.57 | 623.76 | 374.40 | 431.08 | 544.35 | 460.14 | 714.09 | 922.54 |
| 4 | 883.93 | 752.64 | 1040.92 | 784.63 | 887.10 | 621.83 | 401.89 | 446.06 | 487.36 | 474.96 | 678.31 | 983.54 |
| 5 | 887.05 | 763.61 | 1047.72 | 839.29 | 832.49 | 550.14 | 439.37 | 507.88 | 471.75 | 494.23 | 636.03 | 923.82 |
| 6 | 879.56 | 775.81 | 1034.83 | 941.88 | 764.28 | 513.90 | 460.98 | 477.44 | 485.42 | 461.01 | 712.09 | 909.77 |
| 7 | 873.35 | 778.15 | 1018.65 | 946.83 | 754.36 | 479.08 | 484.06 | 360.37 | 484.96 | 445.44 | 749.22 | 966.43 |
| 8 | 862.84 | 785.79 | 998.65 | 945.53 | 775.06 | 460.58 | 495.58 | 320.27 | 504.99 | 438.46 | 776.46 | 1010.68 |
| 9 | 845.06 | 812.46 | 955.32 | 949.41 | 938.34 | 508.83 | 487.31 | 315.80 | 553.95 | 462.77 | 812.49 | 1057.31 |
| 10 | 834.72 | 826.26 | 918.62 | 941.08 | 1172.70 | 546.53 | 521.01 | 311.77 | 576.71 | 444.19 | 775.36 | 1042.99 |
| 11 | 850.56 | 841.40 | 938.46 | 892.12 | 1144.68 | 533.96 | 504.51 | 325.43 | 543.65 | 413.56 | 730.49 | 1005.30 |
| 12 | 847.50 | 839.57 | 959.81 | 911.63 | 1093.24 | 496.55 | 466.38 | 409.46 | 518.60 | 423.93 | 783.58 | 974.28 |
| 13 | 831.09 | 834.71 | 966.37 | 918.66 | 1023.73 | 492.38 | 463.63 | 464.64 | 533.42 | 481.45 | 825.68 | 920.59 |
| 14 | 820.83 | 831.69 | 925.66 | 866.61 | 903.69 | 451.72 | 465.88 | 435.51 | 526.69 | 465.01 | 811.26 | 963.22 |
| 15 | 816.03 | 842.02 | 944.27 | 856.09 | 861.04 | 430.74 | 461.39 | 393.24 | 516.20 | 463.18 | 796.98 | 1030.84 |
| 16 | 813.64 | 872.80 | 966.33 | 888.96 | 825.08 | 473.69 | 470.01 | 350.71 | 513.36 | 461.84 | 801.81 | 1037.57 |
| 17 | 799.95 | 925.04 | 957.22 | 904.04 | 835.95 | 438.61 | 525.17 | 146.38 | 520.48 | 451.61 | 747.00 | 989.41 |
| 18 | 784.02 | 952.66 | 926.28 | 932.06 | 810.08 | 402.32 | 616.77 | 327.03 | 522.43 | 452.93 | 772.38 | 953.33 |
| 19 | 802.92 | 955.91 | 900.90 | 890.89 | 811.94 | 445.11 | 634.11 | 298.79 | 559.31 | 461.90 | 798.80 | 943.60 |
| 20 | 811.25 | 929.48 | 850.80 | 848.18 | 887.40 | 455.15 | 537.66 | 283.57 | 568.69 | 492.39 | 761.91 | 958.51 |
| 21 | 819.03 | 909.74 | 761.48 | 802.97 | 963.38 | 449.84 | 569.77 | 264.73 | 588.28 | 469.53 | 757.82 | 963.72 |
| 22 | 822.64 | 954.70 | 739.48 | 773.49 | 852.90 | 448.52 | 554.90 | 255.70 | 602.55 | 491.45 | 759.57 | 967.06 |
| 23 | 835.93 | 999.97 | 752.09 | 759.82 | 771.84 | 459.17 | 523.40 | 254.05 | 623.84 | 512.90 | 791.12 | 1030.18 |
| 24 | 831.08 | 998.61 | 772.92 | 655.42 | 752.07 | 447.20 | 562.38 | 265.08 | 669.54 | 517.62 | 824.48 | 1042.96 |
| 25 | 831.69 | 999.95 | 745.78 | 591.89 | 765.48 | 442.37 | 608.25 | 290.64 | 661.49 | 518.62 | 852.41 | 1029.42 |
| 26 | 839.58 | 1016.64 | 742.33 | 588.33 | 827.01 | 460.08 | 595.91 | 309.31 | 606.74 | 561.88 | 850.78 | 1013.96 |
| 27 | 822.05 | 1024.70 | 753.79 | 548.52 | 764.56 | 472.26 | 593.39 | 279.84 | 597.93 | 617.21 | 767.92 | 1003.27 |
| 28 | 812.44 | 1034.15 | 754.99 | 578.22 | 668.68 | 432.03 | 624.37 | 306.02 | 596.40 | 683.77 | 825.81 | 997.95 |
| 29 | 812.45 | | 709.12 | 729.20 | 618.13 | 415.31 | 576.83 | 312.88 | 586.24 | 705.15 | 860.40 | 995.29 |
| 30 | 796.40 | | 684.19 | 949.31 | 575.25 | 453.49 | 530.70 | 296.61 | 579.68 | 691.91 | 887.06 | 982.73 |
| 31 | 777.58 | | 671.13 | | 545.06 | | 463.64 | 307.73 | | 652.36 | | 976.81 |
| Mean | 831.99 | 875.98 | 888.3 | 810.67 | 852.71 | 485.3 | 510.89 | 346.45 | 551.2 | 508.37 | 773.27 | 980.37 |
| Maximum | 887.05 | 1034.1 | 1047.7 | 949.41 | 1172.7 | 623.76 | 634.11 | 507.88 | 669.54 | 705.15 | 887.06 | 1057.3 |
| Minimum | 777.58 | 752.07 | 671.13 | 548.52 | 545.06 | 402.32 | 374.4 | 254.05 | 408.8 | 413.56 | 629.19 | 882.08 |
| Runoff | 2228413. | 2119163. | 2379216. | 2101254. | 2283887. | 1257911. | 1368374. | 927925. | 1428721. | 1361611. | 2004315. | 2625819. |

Flows in cubic metres per second

Annual statistics

Maximum 1172.698 Minimum 254.049 Mean 699.637 cubic metres per second
Total 22063.740 million cubic metres Runoff millimetres

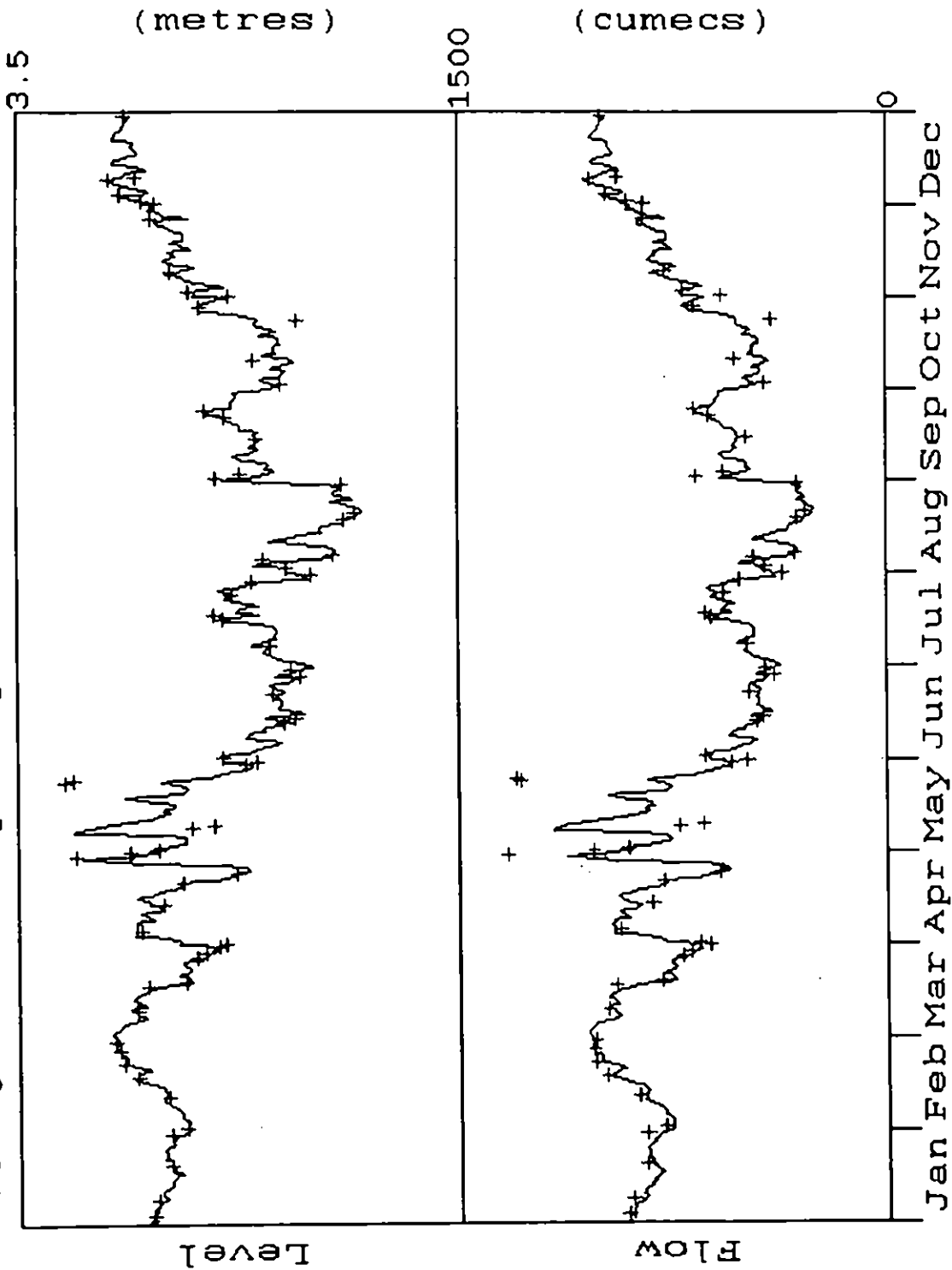
Possible data flags

Missing - flag '-'

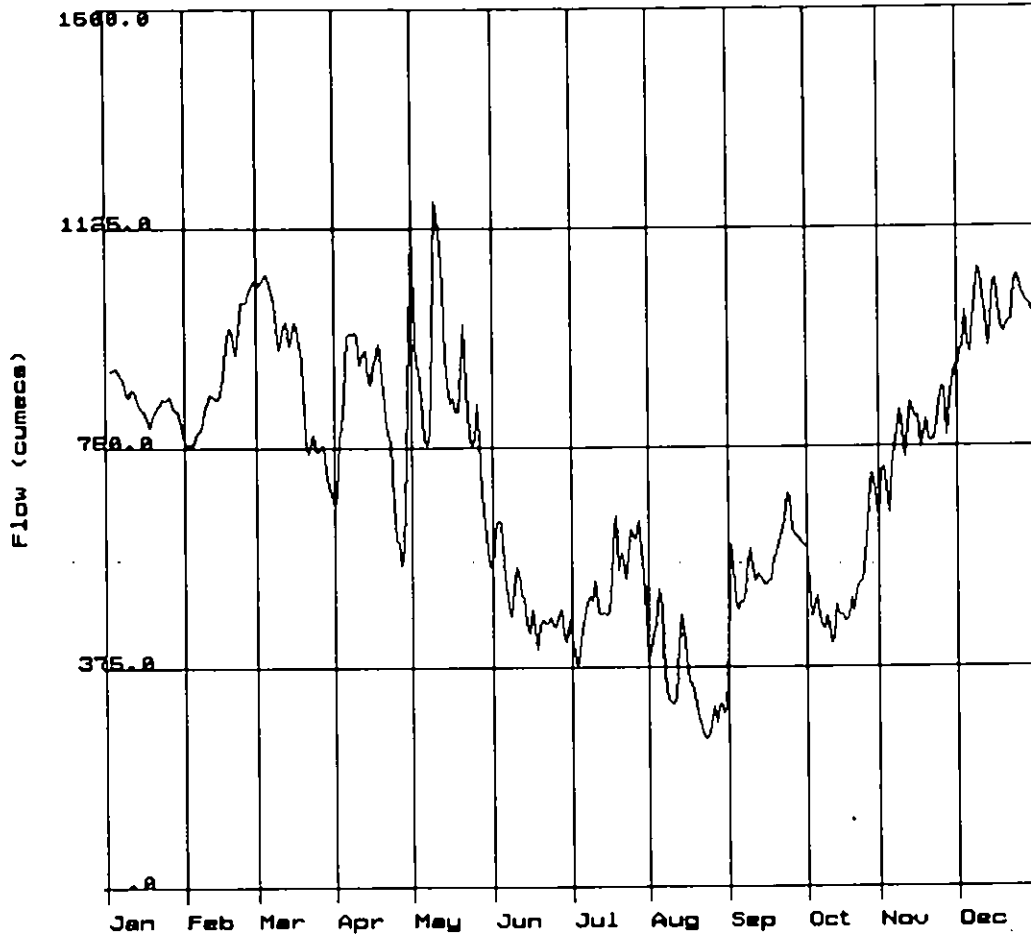
Original - no flag set

Estimate - flag 'o'

016000 river Syrdarya at Akdjar 1994

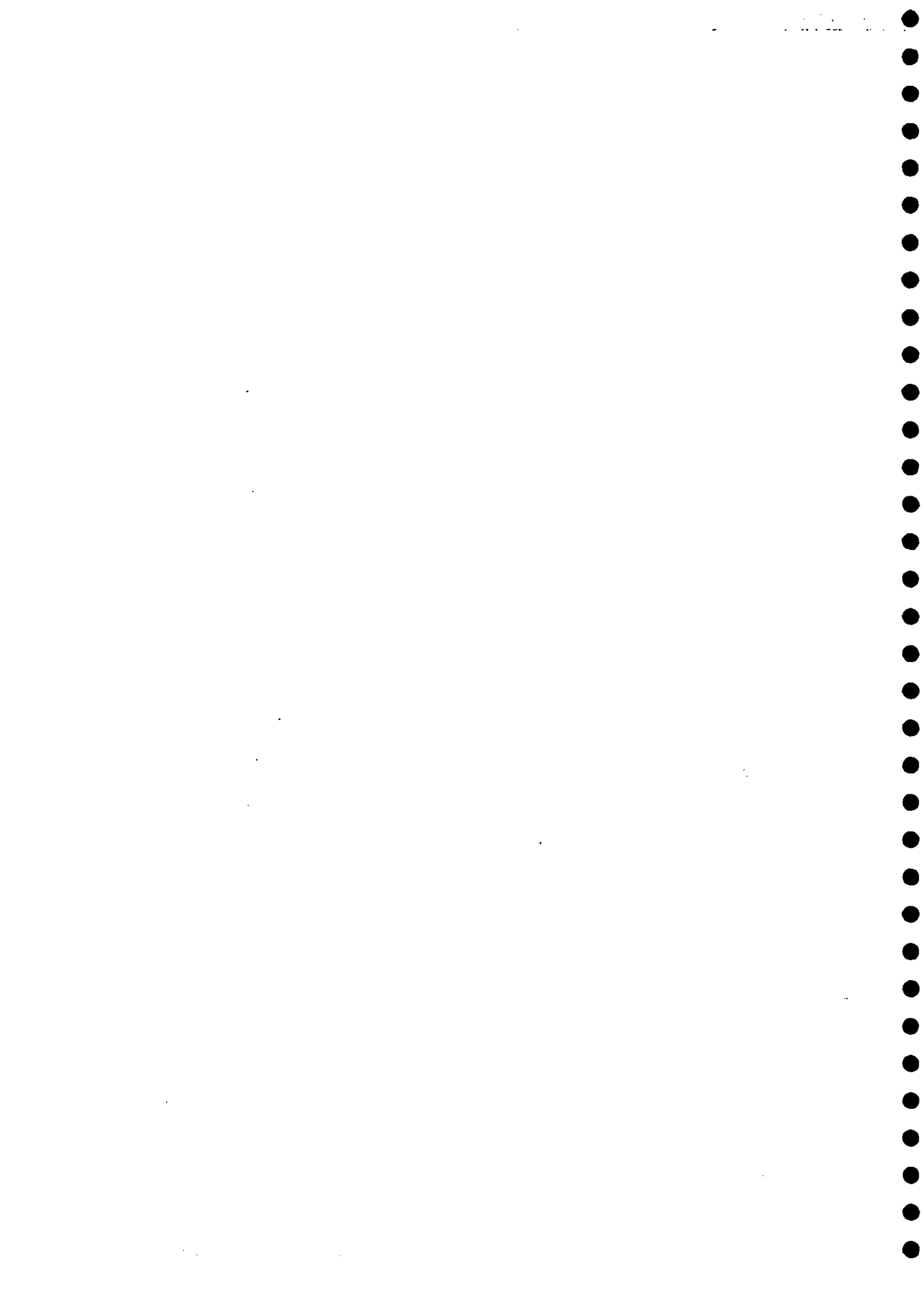


River Syrdarya at Akdjar



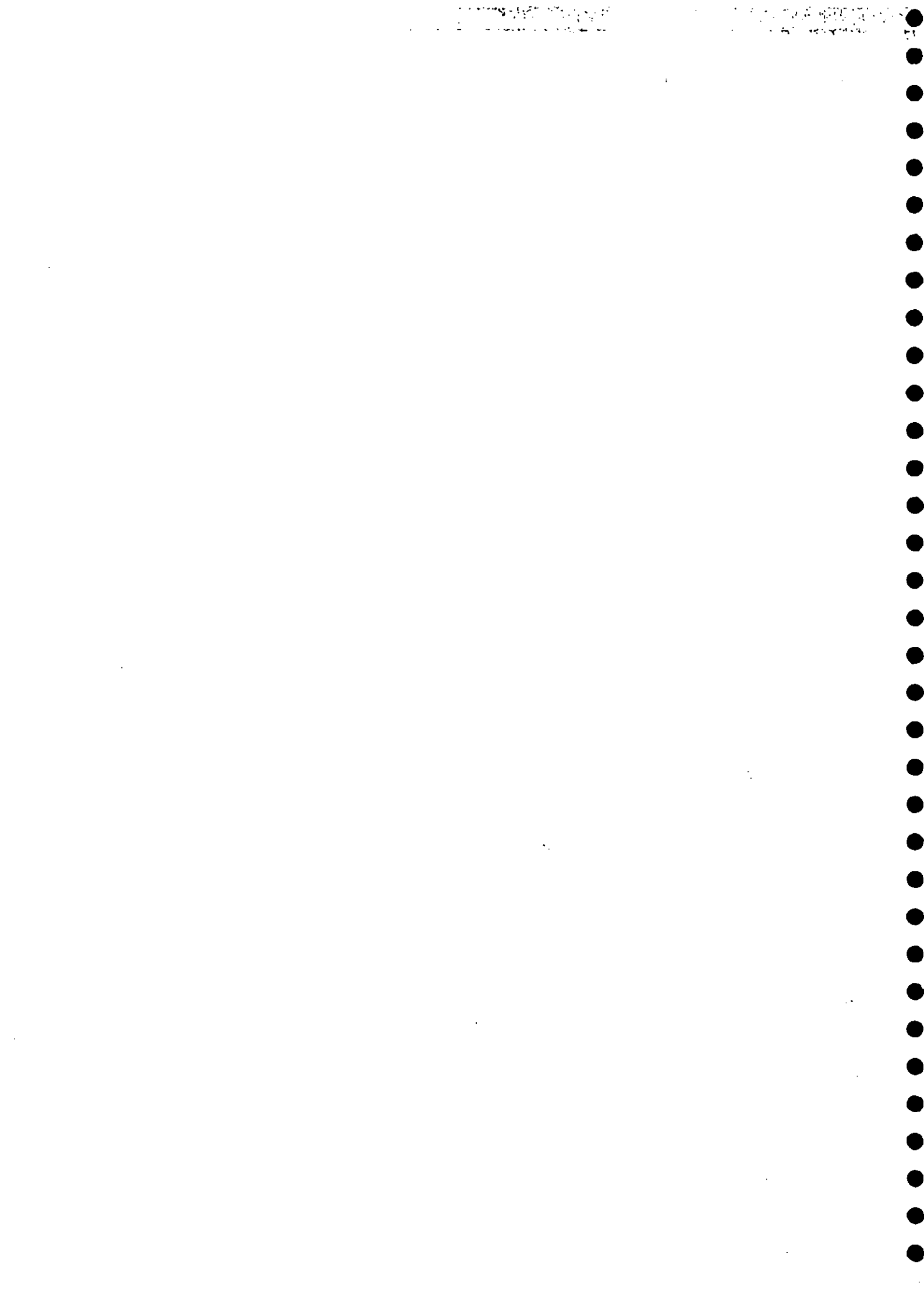
1994

Institute of Hydrology

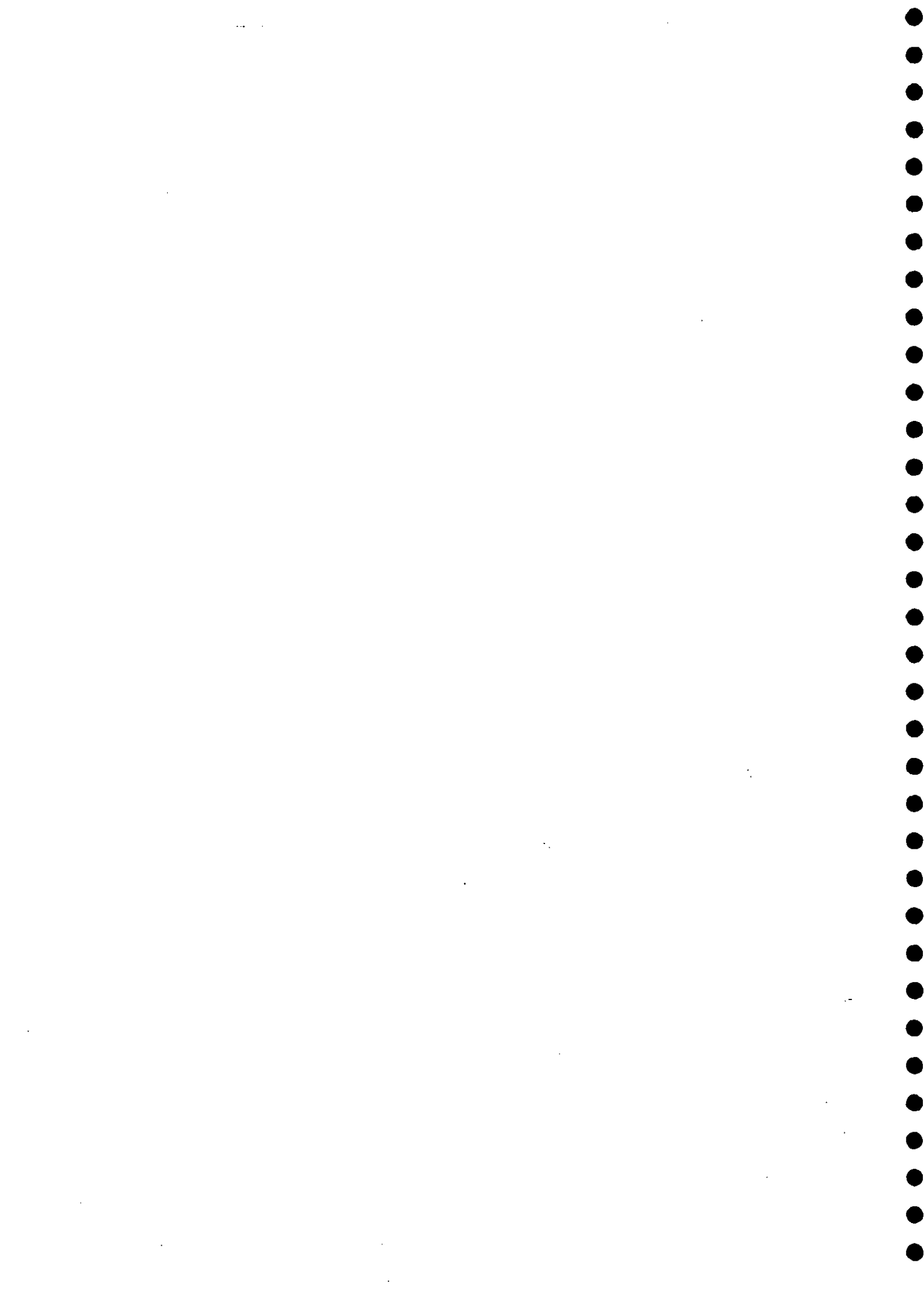


Country : Kyrgyzstan

Stations Listed : 16146 Tentiksai - Charbak
16070 Malay Naryn - Mouth
15467 Tuyak - Mouth



Station :16146 Tentiksai - Charbak



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 15001 Name : Tenteksai at Charbak

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 2.41 | 2.40 | 2.42 | 2.50 | 3.41 | 3.47 | 3.24 | 3.06 | 2.94 | 2.82 | 2.83 | 3.00 |
| 2 | 2.41 | 2.41 | 2.44 | 2.50 | 3.47 | 3.44 | 3.24 | 3.04 | 2.94 | 2.81 | 2.84 | 2.99 |
| 3 | 2.42 | 2.42 | 2.44 | 2.50 | 3.47 | 3.42 | 3.24 | 3.04 | 2.94 | 2.81 | 2.85 | 2.98 |
| 4 | 2.42 | 2.43 | 2.43 | 2.55 | 3.49 | 3.42 | 3.24 | 3.04 | 2.93 | 2.81 | 2.85 | 2.96 |
| 5 | 2.42 | 2.43 | 2.44 | 2.76 | 3.58 | 3.43 | 3.22 | 3.04 | 2.92 | 2.81 | 2.85 | 2.96 |
| 6 | 2.42 | 2.44 | 2.46 | 2.83 | 3.62 | 3.45 | 3.22 | 3.04 | 2.92 | 2.81 | 2.85 | 2.93 |
| 7 | 2.43 | 2.45 | 2.46 | 2.86 | 3.61 | 3.47 | 3.22 | 3.05 | 2.92 | 2.81 | 2.88 | 2.90 |
| 8 | 2.42 | 2.46 | 2.45 | 2.86 | 3.76 | 3.56 | 3.22 | 3.05 | 2.92 | 2.84 | 2.88 | 2.91 |
| 9 | 2.42 | 2.47 | 2.48 | 2.95 | 3.78 | 3.56 | 3.21 | 3.05 | 2.91 | 2.84 | 2.88 | 2.91 |
| 10 | 2.42 | 2.47 | 2.50 | 3.26 | 3.72 | 3.59 | 3.18 | 3.06 | 2.91 | 2.83 | 2.88 | 2.92 |
| 11 | 2.43 | 2.47 | 2.55 | 3.26 | 3.61 | 3.58 | 3.18 | 3.04 | 2.90 | 2.83 | 2.89 | 2.91 |
| 12 | 2.43 | 2.46 | 2.54 | 3.26 | 3.61 | 3.56 | 3.18 | 3.03 | 2.89 | 2.82 | 2.90 | 2.90 |
| 13 | 2.43 | 2.47 | 2.54 | 3.25 | 3.65 | 3.57 | 3.18 | 3.03 | 2.90 | 2.82 | 2.90 | 2.90 |
| 14 | 2.43 | 2.48 | 2.52 | 3.30 | 3.65 | 3.55 | 3.18 | 3.03 | 2.89 | 2.82 | 2.92 | 2.89 |
| 15 | 2.42 | 2.49 | 2.52 | 3.32 | 3.63 | 3.53 | 3.18 | 3.02 | 2.87 | 2.82 | 2.93 | 2.89 |
| 16 | 2.43 | 2.49 | 2.51 | 3.31 | 3.62 | 3.51 | 3.18 | 3.02 | 2.86 | 2.82 | 2.93 | 2.87 |
| 17 | 2.44 | 2.48 | 2.51 | 3.29 | 3.64 | 3.46 | 3.19 | 3.00 | 2.86 | 2.82 | 2.93 | 2.84 |
| 18 | 2.44 | 2.47 | 2.50 | 3.29 | 3.63 | 3.43 | 3.18 | 2.98 | 2.83 | 2.82 | 2.92 | 2.83 |
| 19 | 2.44 | 2.45 | 2.49 | 3.27 | 3.46 | 3.43 | 3.12 | 2.98 | 2.82 | 2.82 | 2.92 | 2.83 |
| 20 | 2.44 | 2.44 | 2.47 | 3.20 | 3.33 | 3.43 | 3.08 | 2.96 | 2.82 | 2.82 | 2.92 | 2.84 |
| 21 | 2.44 | 2.45 | 2.48 | 3.16 | 3.34 | 3.45 | 3.06 | 2.96 | 2.81 | 2.82 | 2.93 | 2.83 |
| 22 | 2.43 | 2.45 | 2.48 | 3.21 | 3.32 | 3.44 | 3.05 | 2.96 | 2.81 | 2.83 | 2.93 | 2.83 |
| 23 | 2.43 | 2.46 | 2.47 | 3.20 | 3.33 | 3.44 | 3.05 | 2.96 | 2.81 | 2.82 | 2.92 | 2.82 |
| 24 | 2.44 | 2.46 | 2.49 | 3.19 | 3.30 | 3.46 | 3.05 | 2.96 | 2.81 | 2.82 | 2.92 | 2.83 |
| 25 | 2.44 | 2.45 | 2.49 | 3.19 | 3.34 | 3.41 | 3.06 | 2.96 | 2.81 | 2.83 | 2.94 | 2.83 |
| 26 | 2.44 | 2.43 | 2.50 | 3.18 | 3.33 | 3.38 | 3.05 | 2.95 | 2.81 | 2.83 | 2.94 | 2.82 |
| 27 | 2.44 | 2.42 | 2.49 | 3.17 | 3.32 | 3.26 | 3.04 | 2.95 | 2.81 | 2.83 | 2.94 | 2.84 |
| 28 | 2.42 | 2.42 | 2.48 | 3.17 | 3.31 | 3.26 | 3.06 | 2.95 | 2.85 | 2.83 | 2.99 | 2.89 |
| 29 | 2.40 | | 2.48 | 3.27 | 3.42 | 3.26 | 3.12 | 2.95 | 2.81 | 2.83 | 2.99 | 2.89 |
| 30 | 2.40 | | 2.49 | 3.39 | 3.44 | 3.27 | 3.11 | 2.95 | 2.81 | 2.83 | 3.00 | 2.89 |
| 31 | 2.40 | | 2.49 | | 3.48 | | 3.10 | 2.95 | | 2.83 | | 2.89 |
| Mean | 2.43 | 2.45 | 2.48 | 3.08 | 3.51 | 3.45 | 3.15 | 3.00 | 2.87 | 2.82 | 2.91 | 2.89 |
| Maximum | 2.44 | 2.49 | 2.55 | 3.39 | 3.78 | 3.59 | 3.24 | 3.06 | 2.94 | 2.84 | 3.00 | 3.00 |
| Minimum | 2.40 | 2.40 | 2.42 | 2.50 | 3.30 | 3.26 | 3.04 | 2.95 | 2.81 | 2.81 | 2.83 | 2.82 |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

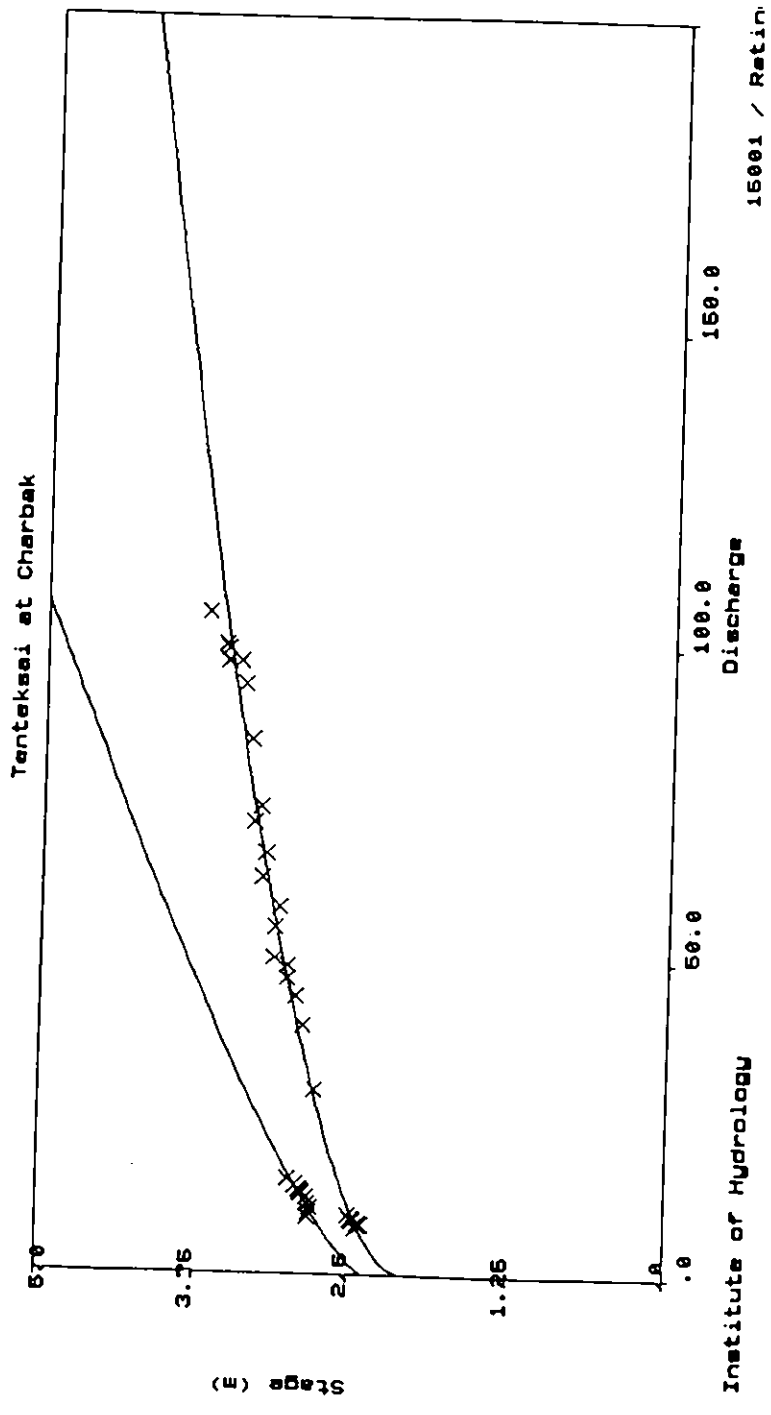
Missing - flag "--"

Original - no flag set

 Institute of Hydrology
 River gaugings for station 15001 : Tenteksai at Charbak

| Order Number | Date | Rating | Stage Velocity | | Area (sq m) | Discharge | | | | Stage | |
|--------------|-------------|--------|----------------|-------|-------------|-------------------|---------------------|----------------|---------|----------------|------|
| | | | (m) | (m/s) | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. % | Diff./Rat. (m) | Plot |
| 1 | 9 Jan 1993 | A | 2.420 | 1.040 | 7.32 | 7.610 | 7.277 | .333 | 4.6 | -.01/A | - |
| 2 | 19 Jan 1993 | A | 2.440 | 1.010 | 7.14 | 7.210 | 8.088 | -.878 | -10.9 | .02/A | -> |
| 3 | 30 Jan 1993 | A | 2.400 | 1.060 | 7.47 | 7.920 | 6.502 | 1.418 | 21.8 | -.04/A | <- |
| 4 | 9 Feb 1993 | A | 2.470 | 1.110 | 7.75 | 8.600 | 9.373 | -.773 | -8.2 | .02/A | - |
| 5 | 27 Feb 1993 | A | 2.420 | 1.070 | 7.56 | 8.090 | 7.277 | .813 | 11.2 | -.02/A | <- |
| 6 | 9 Mar 1993 | A | 2.500 | 1.170 | 8.02 | 9.380 | 10.737 | -1.357 | -12.6 | .03/A | -> |
| 7 | 20 Mar 1993 | A | 2.460 | 1.100 | 7.74 | 8.510 | 8.936 | -.426 | -4.8 | .01/A | - |
| 8 | 30 Mar 1993 | A | 2.480 | 1.110 | 7.77 | 8.630 | 9.819 | -1.189 | -12.1 | .03/A | -> |
| 9 | 5 Apr 1993 | A | 2.800 | 1.690 | 17.22 | 29.100 | 28.485 | .615 | 2.2 | -.01/A | - |
| 10 | 10 Apr 1993 | A | 3.250 | 2.270 | 27.71 | 62.900 | 67.684 | -4.784 | -7.1 | .05/A | -> |
| 11 | 15 Apr 1993 | A | 3.320 | 2.370 | 30.25 | 71.700 | 75.029 | -3.329 | -4.4 | .03/A | -> |
| 12 | 20 Apr 1993 | A | 3.140 | 1.840 | 27.23 | 50.100 | 56.802 | -6.702 | -11.8 | .07/A | -> |
| 13 | 30 Apr 1993 | A | 3.450 | 2.610 | 37.24 | 97.200 | 89.514 | 7.686 | 8.6 | -.07/A | <- |
| 14 | 5 May 1993 | A | 3.570 | 2.660 | 37.56 | 99.900 | 103.841 | -3.941 | -3.8 | .03/A | -> |
| 15 | 8 May 1993 | A | 3.720 | 2.740 | 38.32 | 105.000 | 123.009 | -18.009 | -14.6 | .14/A | ->> |
| 16 | 20 May 1993 | A | 3.350 | 2.440 | 34.80 | 84.900 | 78.275 | 6.625 | 8.5 | -.06/A | <- |
| 17 | 30 May 1993 | A | 3.410 | 2.550 | 36.71 | 93.600 | 84.941 | 8.659 | 10.2 | -.08/A | <- |
| 18 | 8 Jun 1993 | A | 3.550 | 2.640 | 37.61 | 99.300 | 101.391 | -2.091 | -2.1 | .02/A | - |
| 19 | 17 Jun 1993 | A | 3.550 | 2.620 | 37.14 | 97.300 | 101.391 | -4.091 | -4.0 | .03/A | -> |
| 20 | 29 Jun 1993 | A | 3.270 | 2.210 | 33.57 | 74.200 | 69.750 | 4.450 | 6.4 | -.04/A | <- |
| 21 | 8 Jul 1993 | A | 3.220 | 2.060 | 32.48 | 66.900 | 64.636 | 2.264 | 3.5 | -.02/A | <- |
| 22 | 20 Jul 1993 | A | 3.100 | 1.910 | 30.47 | 58.200 | 53.048 | 5.152 | 9.7 | -.05/A | <- |
| 23 | 20 Jul 1993 | A | 3.130 | 1.840 | 29.89 | 55.000 | 55.853 | -.853 | -1.5 | .01/A | - |
| 24 | 3 Aug 1993 | A | 3.030 | 1.670 | 29.28 | 48.900 | 46.743 | 2.157 | 4.6 | -.02/A | <- |
| 25 | 15 Aug 1993 | A | 3.030 | 1.650 | 28.42 | 46.900 | 46.743 | .157 | .3 | .00/A | - |
| 26 | 25 Aug 1993 | A | 2.960 | 1.580 | 27.78 | 43.900 | 40.782 | 3.118 | 7.6 | -.04/A | <- |
| 27 | 10 Sep 1993 | A | 2.900 | 1.480 | 26.62 | 39.400 | 35.951 | 3.449 | 9.6 | -.04/A | <- |
| 28 | 24 Sep 1993 | C | 2.810 | .980 | 10.82 | 10.600 | 10.065 | .535 | 5.3 | -.02/C | - |
| 29 | 9 Oct 1993 | C | 2.840 | 1.010 | 11.98 | 12.100 | 10.999 | 1.101 | 10.0 | -.03/C | <- |
| 30 | 18 Oct 1993 | C | 2.820 | .970 | 9.96 | 9.660 | 10.374 | -.714 | -6.9 | .02/C | -> |
| 31 | 30 Oct 1993 | C | 2.830 | .870 | 10.36 | 9.010 | 10.685 | -1.675 | -15.7 | .05/C | -> |
| 32 | 8 Nov 1993 | C | 2.880 | 1.120 | 11.43 | 12.800 | 12.272 | .528 | 4.3 | -.02/C | - |
| 33 | 15 Nov 1993 | C | 2.930 | 1.190 | 11.85 | 14.100 | 13.907 | .193 | 1.4 | -.01/C | - |
| 34 | 28 Nov 1993 | C | 2.990 | 1.220 | 12.30 | 15.000 | 15.929 | -.929 | -5.8 | .03/C | -> |
| 35 | 7 Dec 1993 | C | 2.900 | 1.150 | 11.57 | 13.300 | 12.920 | .380 | 2.9 | -.01/C | - |
| 36 | 19 Dec 1993 | C | 2.830 | 1.040 | 10.67 | 11.100 | 10.685 | .415 | 3.9 | -.01/C | - |
| 37 | 29 Dec 1993 | C | 2.890 | 1.170 | 11.11 | 13.000 | 12.595 | .405 | 3.2 | -.01/C | - |

Total number of gaugings = 37 (998 maximum)



 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 15001

Name : Tenteksai at Charbak

Basin no. : 0
 Area : 1.0

Latitude : 0: 0: 0 N

Longitude : 0: 0: 0 E

Altitude : .0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|----------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | - | 6.55 | 7.38 | 10.68 | 85.51 | 91.55 | 67.05 | 49.63 | 39.24 | 29.74 | 30.74 | 44.04 |
| 2 | - | 6.89 | 7.99 | 10.74 | 90.97 | 88.51 | 66.66 | 47.85 | 39.14 | 29.29 | 31.38 | 43.29 |
| 3 | - | 7.28 | 8.04 | 11.04 | 92.13 | 86.36 | 66.66 | 47.62 | 39.04 | 29.20 | 32.03 | 42.35 |
| 4 | - | 7.63 | 7.78 | 14.33 | 95.24 | 86.22 | 66.41 | 47.62 | 38.33 | 29.20 | 32.13 | 40.99 |
| 5 | - | 7.73 | 8.14 | 24.64 | 104.32 | 87.36 | 64.89 | 47.62 | 37.63 | 29.20 | 32.13 | 40.47 |
| 6 | - | 8.09 | 8.83 | 30.29 | 109.29 | 89.52 | 64.64 | 47.73 | 37.53 | 29.20 | 32.41 | 38.34 |
| 7 | - | 8.51 | 8.88 | 32.60 | 111.37 | 92.88 | 64.64 | 48.40 | 37.53 | 29.47 | 34.11 | 36.35 |
| 8 | - | 8.94 | 8.72 | 33.74 | 126.21 | 101.25 | 64.51 | 48.51 | 37.43 | 31.11 | 34.40 | 36.64 |
| 9 | 7.28 | 9.32 | 9.77 | 42.44 | 129.71 | 103.07 | 63.39 | 48.62 | 36.84 | 31.29 | 34.40 | 36.84 |
| 10 | 7.33 | 9.37 | 10.92 | 64.91 | 122.21 | 105.70 | 61.03 | 49.07 | 36.64 | 30.74 | 34.49 | 37.33 |
| 11 | 7.63 | 9.32 | 12.81 | 68.71 | 110.57 | 104.92 | 60.67 | 47.74 | 35.95 | 30.56 | 35.17 | 36.74 |
| 12 | 7.68 | 9.04 | 12.74 | 68.58 | 109.45 | 103.07 | 60.67 | 46.85 | 35.37 | 30.01 | 35.85 | 36.05 |
| 13 | 7.68 | 9.37 | 12.55 | 68.46 | 113.25 | 103.38 | 60.67 | 46.74 | 35.76 | 29.92 | 36.15 | 35.85 |
| 14 | 7.63 | 9.82 | 11.81 | 72.51 | 113.57 | 101.39 | 60.67 | 46.63 | 35.08 | 29.92 | 37.43 | 35.27 |
| 15 | 7.38 | 10.22 | 11.63 | 74.63 | 111.50 | 98.97 | 60.67 | 45.98 | 33.73 | 29.92 | 38.23 | 34.98 |
| 16 | 7.68 | 10.22 | 11.27 | 73.83 | 110.55 | 96.12 | 60.79 | 45.65 | 32.97 | 29.92 | 38.33 | 33.54 |
| 17 | 8.04 | 9.82 | 11.15 | 72.11 | 112.14 | 90.97 | 61.40 | 44.15 | 32.60 | 29.92 | 38.23 | 31.57 |
| 18 | 8.09 | 9.32 | 10.74 | 71.58 | 108.86 | 87.65 | 60.06 | 42.66 | 30.83 | 29.92 | 37.63 | 30.74 |
| 19 | 8.09 | 8.56 | 10.22 | 69.11 | 91.35 | 87.21 | 55.16 | 42.24 | 30.01 | 29.92 | 37.53 | 30.74 |
| 20 | 8.09 | 8.19 | 9.54 | 63.02 | 78.03 | 87.50 | 51.44 | 40.99 | 29.83 | 29.92 | 37.63 | 31.20 |
| 21 | 8.04 | 8.45 | 9.76 | 59.81 | 76.78 | 89.08 | 49.52 | 40.78 | 29.29 | 30.01 | 38.23 | 30.74 |
| 22 | 7.73 | 8.56 | 9.76 | 62.89 | 75.43 | 88.50 | 48.62 | 40.78 | 29.20 | 30.46 | 38.23 | 30.56 |
| 23 | 7.73 | 8.88 | 9.54 | 62.64 | 75.57 | 88.65 | 48.51 | 40.78 | 29.20 | 30.01 | 37.63 | 30.10 |
| 24 | 8.04 | 8.88 | 10.16 | 61.77 | 73.83 | 89.66 | 48.62 | 40.78 | 29.20 | 30.01 | 37.73 | 30.56 |
| 25 | 8.09 | 8.46 | 10.33 | 61.53 | 76.51 | 85.23 | 49.18 | 40.68 | 29.20 | 30.56 | 38.94 | 30.56 |
| 26 | 8.09 | 7.73 | 10.62 | 60.67 | 76.11 | 80.36 | 48.51 | 40.06 | 29.20 | 30.65 | 39.14 | 30.19 |
| 27 | 7.99 | 7.33 | 10.27 | 59.81 | 75.03 | 70.29 | 47.96 | 39.96 | 29.56 | 30.65 | 39.66 | 31.67 |
| 28 | 7.28 | 7.28 | 9.88 | 60.93 | 75.58 | 68.71 | 49.86 | 39.96 | 31.39 | 30.65 | 42.77 | 34.69 |
| 29 | 6.60 | | 9.88 | 70.06 | 84.82 | 68.84 | 54.10 | 39.96 | 29.56 | 30.65 | 43.40 | 35.17 |
| 30 | 6.50 | | 10.22 | 81.33 | 88.65 | 69.23 | 53.98 | 39.96 | 29.29 | 30.65 | 44.04 | 35.17 |
| 31 | 6.50 | | 10.33 | | 92.28 | | 52.71 | 39.86 | | 30.65 | | 35.17 |
| Mean | - | 8.5623 | 10.053 | 53.979 | 96.672 | 89.739 | 57.858 | 44.383 | 33.552 | 30.105 | 36.674 | 35.093 |
| Maximum | - | 10.217 | 12.809 | 81.326 | 129.71 | 105.7 | 67.046 | 49.632 | 39.245 | 31.29 | 44.04 | 44.04 |
| Minimum | - | 6.55 | 7.377 | 10.679 | 73.829 | 68.714 | 47.956 | 39.857 | 29.198 | 29.198 | 30.738 | 30.1 |
| R/off mm | - | | | | | | | | | | | |

Flows in cubic metres per second

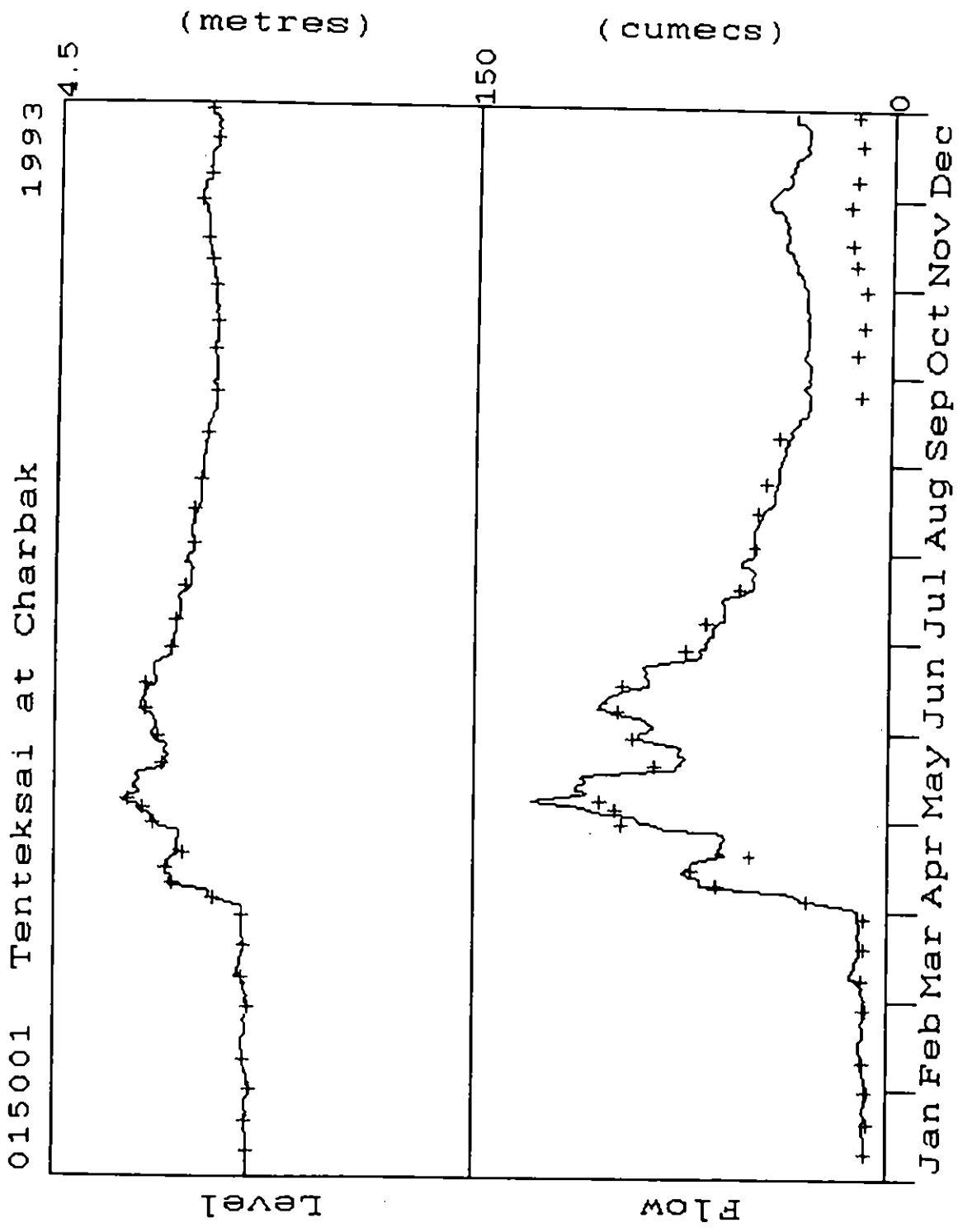
 Insufficient data for annual statistics

Possible data flags

Missing - flag '-'

Original - no flag set

Estimate - flag 'e'

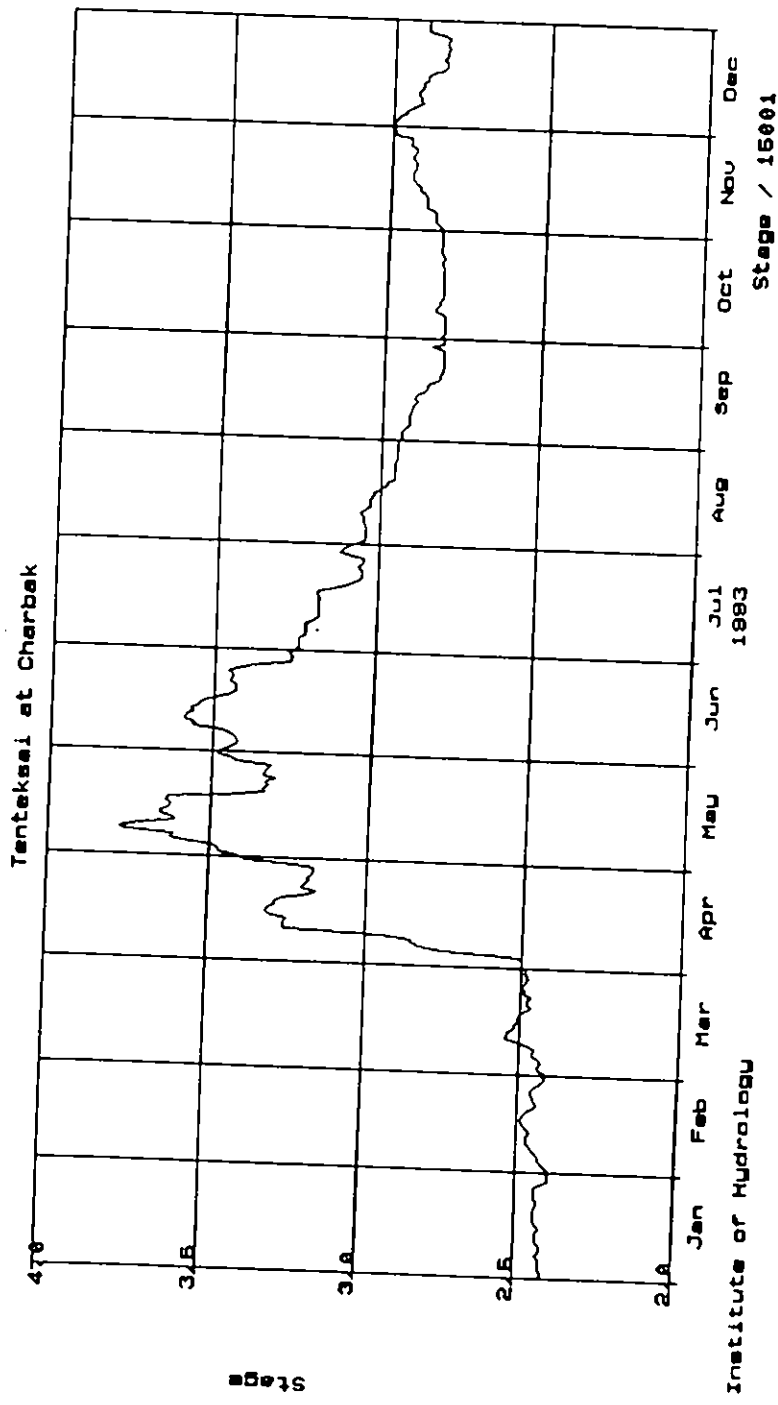


015001 Tenteksai at Charbak 1993

4.5

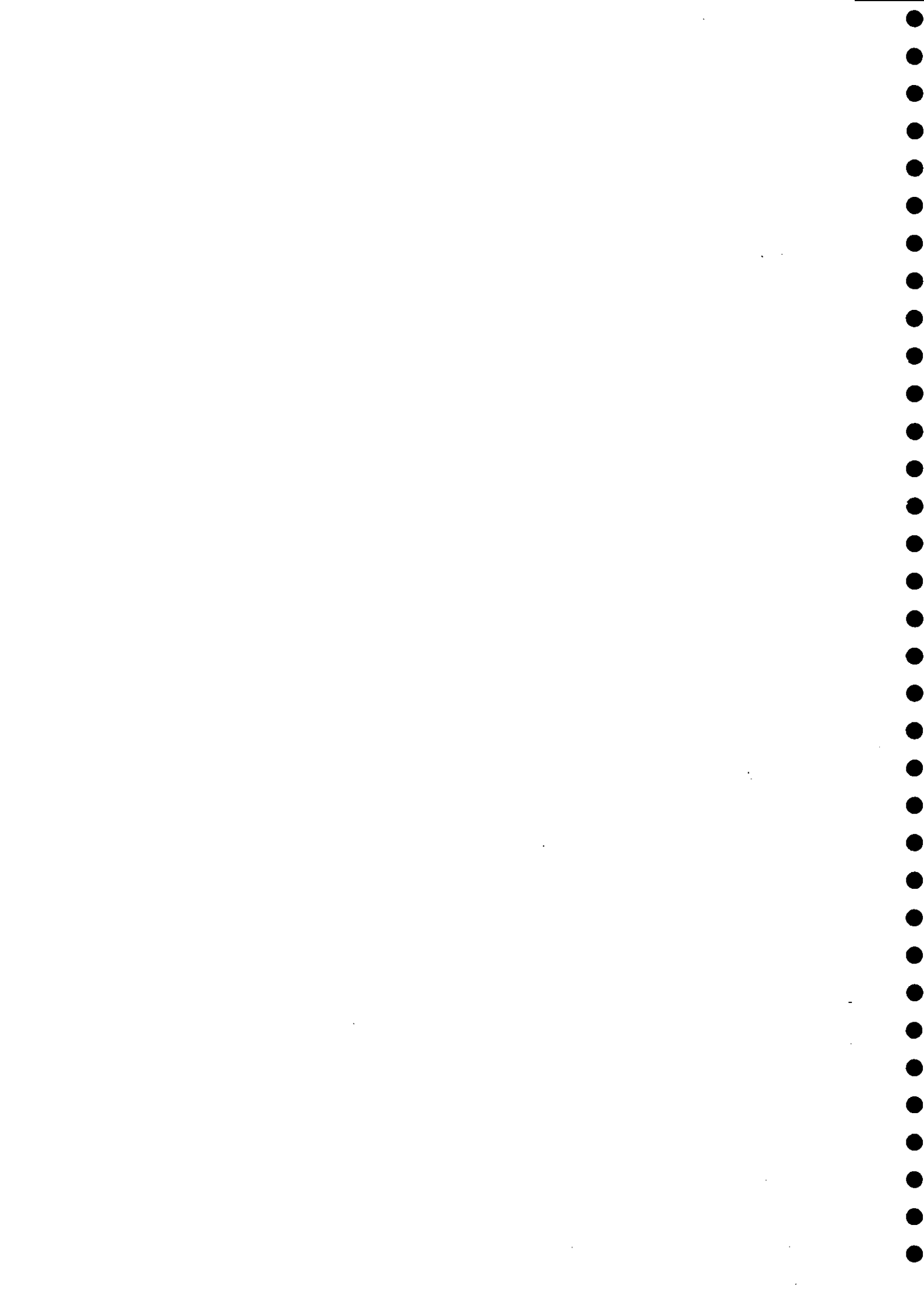
150

0



Institute of Hydrology

Station :16070 Malay Naryn - Mouth



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 15002 Name : River Malei Narin - mouth

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|------|------|------|------|------|------|------|------|-----|-----|------|
| 1 | .37 | 1.14 | 1.02 | .95 | 1.22 | .87 | 1.51 | 1.07 | 1.03 | .65 | .42 | .38 |
| 2 | .38 | 1.13 | .99 | .93 | 1.16 | .85 | 1.61 | 1.07 | 1.02 | .64 | .40 | .39 |
| 3 | .39 | 1.10 | 1.01 | .93 | 1.11 | .89 | 1.80 | 1.05 | 1.01 | .63 | .41 | .40 |
| 4 | .40 | 1.53 | 1.02 | .92 | 1.00 | .88 | 2.07 | 1.03 | .99 | .62 | .40 | .40 |
| 5 | .41 | 1.51 | 1.02 | .91 | .99 | .85 | 1.71 | 1.02 | .93 | .61 | .39 | .39 |
| 6 | .42 | 1.51 | 1.01 | .89 | .90 | .85 | 1.93 | 1.03 | .90 | .60 | .39 | .38 |
| 7 | .43 | 1.53 | 1.01 | .87 | .86 | .91 | 1.79 | .98 | .89 | .60 | .35 | .38 |
| 8 | .47 | 1.50 | 1.01 | .89 | .83 | 1.07 | 1.71 | .95 | .90 | .59 | .42 | .39 |
| 9 | .50 | 1.49 | 1.02 | .87 | .77 | 1.26 | 1.77 | .93 | .89 | .58 | .42 | .40 |
| 10 | .93 | 1.57 | 1.00 | .87 | .73 | 1.31 | 1.53 | .94 | .88 | .57 | .43 | .40 |
| 11 | 1.09 | 1.31 | .98 | .85 | .62 | 1.27 | 1.50 | .94 | .89 | .57 | .43 | .40 |
| 12 | 1.12 | 1.28 | .98 | .83 | .59 | 1.25 | 1.52 | .93 | .90 | .56 | .44 | .41 |
| 13 | 1.15 | 1.27 | .97 | .83 | .64 | 1.09 | 1.50 | .91 | .88 | .56 | .45 | .41 |
| 14 | 1.14 | 1.25 | .96 | .84 | .65 | 1.07 | 1.37 | .91 | .84 | .55 | .46 | .42 |
| 15 | 2.15 | 1.24 | .96 | .91 | .68 | 1.25 | 1.40 | .93 | .84 | .54 | .46 | .44 |
| 16 | 2.22 | 1.05 | .94 | .94 | .70 | 1.26 | 1.36 | .92 | .87 | .54 | .45 | .47 |
| 17 | 1.78 | 1.04 | .92 | 1.06 | .69 | 1.21 | 1.34 | .91 | .87 | .53 | .44 | 1.07 |
| 18 | 1.51 | 1.03 | .95 | 1.11 | .68 | 1.26 | 1.34 | .90 | .87 | .53 | .43 | 1.16 |
| 19 | 1.51 | .97 | .97 | 1.15 | .69 | 1.24 | 1.32 | .89 | .88 | .52 | .44 | 1.19 |
| 20 | 1.49 | .95 | 1.01 | 1.16 | .70 | 1.10 | 1.29 | .88 | .88 | .51 | .45 | 1.33 |
| 21 | 1.52 | .98 | 1.02 | 1.16 | .72 | 1.26 | 1.26 | .88 | .84 | .50 | .45 | 1.34 |
| 22 | 1.79 | .96 | 1.05 | 1.27 | .75 | 1.23 | 1.25 | .87 | .80 | .49 | .44 | 1.40 |
| 23 | 1.73 | .98 | 1.06 | 1.31 | .78 | 1.25 | 1.24 | .86 | .77 | .49 | .43 | 1.53 |
| 24 | 1.51 | .97 | 1.07 | 1.55 | .85 | 1.23 | 1.24 | .85 | .74 | .48 | .40 | 1.58 |
| 25 | 1.47 | .96 | 1.05 | 1.57 | 1.05 | 1.20 | 1.23 | .84 | .72 | .47 | .41 | 1.35 |
| 26 | 1.25 | .95 | 1.05 | 1.57 | 1.29 | 1.18 | 1.22 | .86 | .70 | .47 | .42 | 1.23 |
| 27 | 1.11 | .96 | 1.04 | 1.74 | 1.50 | 1.16 | 1.21 | .89 | .68 | .46 | .42 | .75 |
| 28 | 1.14 | .97 | 1.03 | 1.54 | 1.16 | 1.24 | 1.15 | .92 | .67 | .45 | .41 | .75 |
| 29 | 1.15 | | 1.02 | 1.52 | 1.19 | 1.36 | 1.12 | .95 | .67 | .44 | .40 | .72 |
| 30 | 1.13 | | 1.01 | 1.27 | 1.19 | 1.45 | 1.09 | 1.00 | .66 | .43 | .39 | .70 |
| 31 | 1.15 | | 1.01 | | 1.21 | | 1.07 | 1.05 | | .42 | | .70 |
| Mean | 1.12 | 1.18 | 1.01 | 1.11 | .90 | 1.14 | 1.43 | .94 | .85 | .54 | .42 | .75 |
| Maximum | 2.22 | 1.57 | 1.07 | 1.74 | 1.50 | 1.45 | 2.07 | 1.07 | 1.03 | .65 | .46 | 1.58 |
| Minimum | .37 | .95 | .92 | .83 | .59 | .85 | 1.07 | .84 | .66 | .42 | .35 | .38 |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

Missing - flag "--"

Original - no flag set

 Institute of Hydrology
 River gaugings for station 15002 : River Malei Narin - mouth

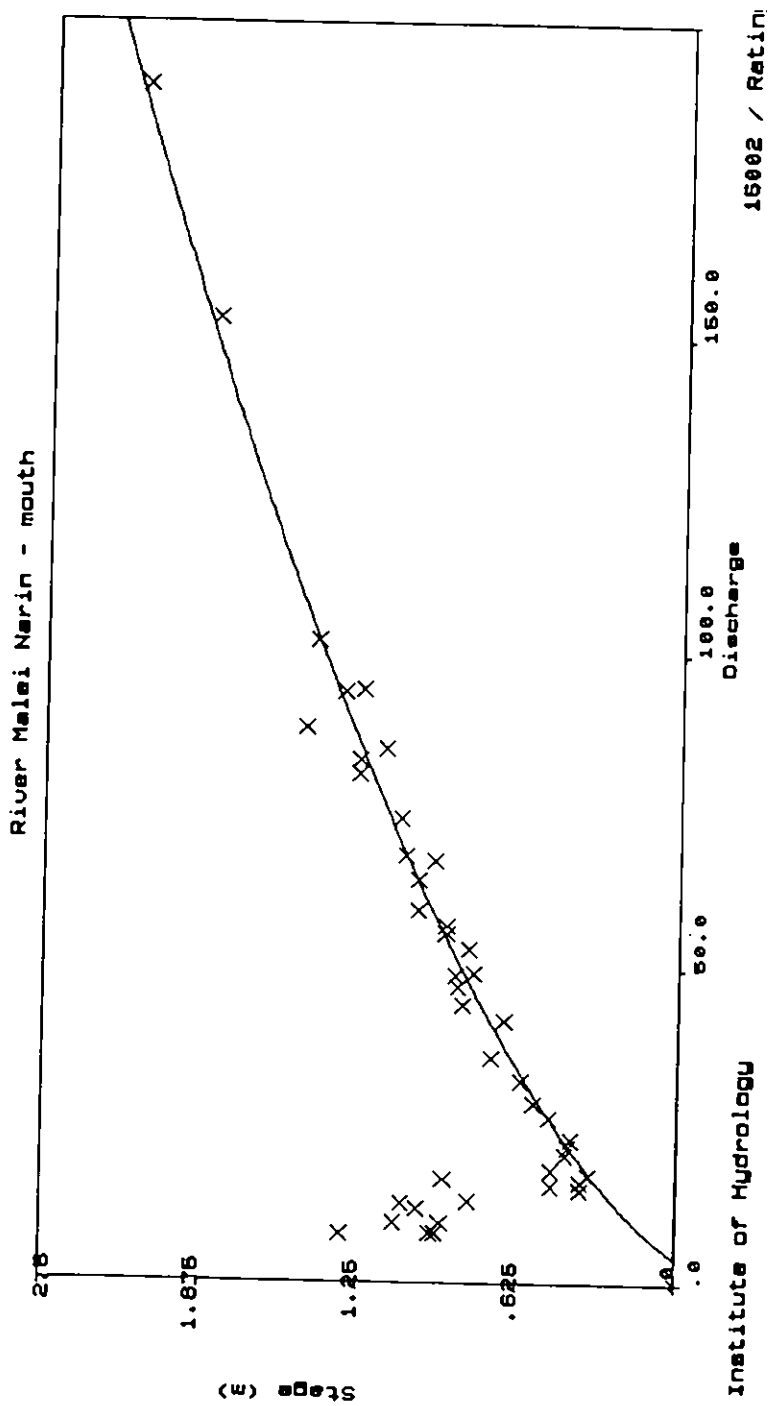
| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|-----------------|----------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. † | Diff./Rat. (m) | Plot |
| 1 | 2 Jan 1993 | ? | .380 | .640 | 23.13 | 14.800 | | | | | |
| 2 | 9 Jan 1993 | ? | .500 | .680 | 26.18 | 17.800 | | | | | |
| 3 | 27 Jan 1993 | ? | 1.110 | .440 | 21.70 | 9.550 | | | | | |
| 4 | 11 Feb 1993 | ? | 1.320 | .340 | 22.38 | 7.610 | | | | | |
| 5 | 22 Feb 1993 | ? | .970 | .350 | 22.40 | 7.840 | | | | | |
| 6 | 26 Feb 1993 | ? | .950 | .400 | 19.60 | 7.840 | | | | | |
| 7 | 7 Mar 1993 | ? | 1.020 | .410 | 28.78 | 11.800 | | | | | |
| 8 | 17 Mar 1993 | ? | .930 | .370 | 25.62 | 9.480 | | | | | |
| 9 | 27 Mar 1993 | ? | 1.080 | .410 | 30.73 | 12.600 | | | | | |
| 10 | 5 Apr 1993 | ? | .920 | .640 | 25.63 | 16.400 | | | | | |
| 11 | 12 Apr 1993 | ? | .820 | .610 | 21.15 | 12.900 | | | | | |
| 12 | 30 Apr 1993 | A | 1.270 | 1.000 | 83.00 | 83.000 | 85.556 | -2.556 | -3.0 | .03/A | -> |
| 13 | 4 May 1993 | A | 1.030 | 1.880 | 34.04 | 64.000 | 63.771 | .229 | .4 | .00/A | - |
| 14 | 8 May 1993 | A | .830 | 1.790 | 29.61 | 53.000 | 47.707 | 5.293 | 11.1 | -.07/A | <- |
| 15 | 14 May 1993 | A | .690 | 1.670 | 24.85 | 41.500 | 37.645 | 3.855 | 10.2 | -.06/A | <- |
| 16 | 3 Jun 1993 | A | .870 | 1.510 | 31.06 | 46.900 | 50.764 | -3.864 | -7.6 | .05/A | -> |
| 17 | 9 Jun 1993 | A | .970 | 1.590 | 42.20 | 67.100 | 58.748 | 8.352 | 14.2 | -.10/A | <- |
| 18 | 15 Jun 1993 | A | 1.260 | 1.720 | 54.77 | 94.200 | 84.595 | 9.605 | 11.4 | -.10/A | <- |
| 19 | 20 Jun 1993 | A | 1.100 | 1.490 | 49.53 | 73.800 | 69.848 | 3.952 | 5.7 | -.04/A | <- |
| 20 | 26 Jun 1993 | A | 1.170 | 1.590 | 53.33 | 84.800 | 76.154 | 8.646 | 11.4 | -.09/A | <- |
| 21 | 30 Jun 1993 | A | 1.440 | 1.720 | 59.30 | 102.000 | 102.575 | -.575 | -.6 | .01/A | - |
| 22 | 4 Jul 1993 | A | 2.140 | 2.350 | 80.85 | 190.000 | 185.720 | 4.280 | 2.3 | -.03/A | <- |
| 23 | 7 Jul 1993 | A | 1.850 | 2.210 | 69.23 | 153.000 | 148.794 | 4.206 | 2.8 | -.03/A | <- |
| 24 | 13 Jul 1993 | A | 1.480 | 1.000 | 88.00 | 88.000 | 106.765 | -18.765 | -17.6 | .18/A | ->> |
| 25 | 19 Jul 1993 | A | 1.330 | 1.790 | 52.40 | 93.800 | 91.415 | 2.385 | 2.6 | -.02/A | <- |
| 26 | 26 Jul 1993 | A | 1.270 | 1.750 | 46.11 | 80.700 | 85.556 | -4.856 | -5.7 | .05/A | -> |
| 27 | 2 Aug 1993 | A | 1.080 | 1.750 | 38.80 | 67.900 | 68.088 | -.188 | -.3 | .00/A | - |
| 28 | 6 Aug 1993 | A | 1.030 | 1.710 | 34.56 | 59.100 | 63.771 | -4.671 | -7.3 | .06/A | -> |
| 29 | 10 Aug 1993 | A | .920 | 1.700 | 33.29 | 56.600 | 54.695 | 1.905 | 3.5 | -.02/A | <- |
| 30 | 25 Aug 1993 | A | .810 | 1.680 | 29.17 | 49.000 | 46.209 | 2.791 | 6.0 | -.04/A | <- |
| 31 | 1 Sep 1993 | A | .000 | .000 | | .000 | 4.015 | -4.015 | -100.0 | .26/A | ->>> |
| 32 | 5 Sep 1993 | A | .920 | 1.700 | 32.59 | 55.400 | 54.695 | .705 | 1.3 | -.01/A | - |
| 33 | 10 Sep 1993 | A | .880 | 1.600 | 30.37 | 48.600 | 51.540 | -2.940 | -5.7 | .04/A | -> |
| 34 | 15 Sep 1993 | A | .850 | 1.560 | 28.27 | 44.100 | 49.226 | -5.126 | -10.4 | .07/A | -> |
| 35 | 24 Sep 1993 | A | .740 | 1.450 | 24.55 | 35.600 | 41.124 | -5.524 | -13.4 | .08/A | -> |
| 36 | 29 Sep 1993 | A | .620 | 1.520 | 21.05 | 32.000 | 32.992 | -.992 | -3.0 | .02/A | - |
| 37 | 9 Oct 1993 | A | .570 | 1.480 | 19.26 | 28.500 | 29.828 | -1.328 | -4.5 | .02/A | -> |
| 38 | 19 Oct 1993 | A | .510 | 1.480 | 17.77 | 26.300 | 26.208 | .092 | .4 | .00/A | - |
| 39 | 31 Oct 1993 | A | .420 | 1.400 | 16.29 | 22.800 | 21.151 | 1.649 | 7.8 | -.03/A | <- |
| 40 | 7 Nov 1993 | A | .350 | .830 | 20.48 | 17.000 | 17.537 | -.537 | -3.1 | .01/A | - |
| 41 | 18 Nov 1993 | A | .430 | .880 | 24.55 | 21.600 | 21.691 | -.091 | -.4 | .00/A | - |

 Institute of Hydrology

River gaugings for station 15002 : River Malei Narin - mouth

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|-----------------|----------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. | Diff./Rat. (m) | Plot |
| 42 | 28 Nov 1993 | ? | .500 | .820 | 18.90 | 15.500 | 25.624 | -10.124 | -39.5 | .19/A | ->> |
| 43 | 5 Dec 1993 | ? | .380 | .880 | 18.30 | 16.100 | 19.051 | -2.951 | -15.5 | .06/A | -> |
| 44 | 15 Dec 1993 | ? | .440 | .930 | 21.83 | 20.300 | 22.236 | -1.936 | -8.7 | .04/A | -> |

Total number of gaugings = 44 (998 maximum)



 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 15002

Name : River Malai Narin mouch

Basin no. : 0 Latitude : 0: 0: 0 N Longitude : 0: 0: 0 E Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|----------|-----|-----|-----|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | - | - | - | - | 80.69 | 54.04 | 110.51 | 67.21 | 63.88 | 34.96 | 21.02 | 19.11 |
| 2 | - | - | - | - | 75.36 | 49.80 | 122.18 | 67.00 | 62.92 | 34.30 | 20.29 | 19.57 |
| 3 | - | - | - | - | 70.09 | 51.83 | 144.11 | 65.49 | 61.97 | 33.64 | 20.49 | 20.02 |
| 4 | - | - | - | - | 62.30 | 51.35 | 166.48 | 63.88 | 59.99 | 32.99 | 20.09 | 20.02 |
| 5 | - | - | - | - | 59.58 | 49.51 | 140.82 | 63.13 | 55.80 | 32.35 | 19.63 | 19.57 |
| 6 | - | - | - | - | 53.62 | 49.80 | 153.11 | 63.14 | 53.31 | 31.79 | 19.31 | 19.12 |
| 7 | - | - | - | - | 50.09 | 54.94 | 142.51 | 59.79 | 52.52 | 31.63 | 18.23 | 19.12 |
| 8 | - | - | - | - | 47.43 | 67.63 | 134.24 | 57.22 | 52.91 | 31.08 | 20.69 | 19.57 |
| 9 | - | - | - | - | 43.46 | 82.97 | 134.87 | 55.80 | 52.32 | 30.45 | 21.22 | 20.02 |
| 10 | - | - | - | - | 39.82 | 88.35 | 115.01 | 56.20 | 51.74 | 29.91 | 21.62 | 20.09 |
| 11 | - | - | - | - | 33.66 | 85.80 | 109.56 | 56.20 | 52.32 | 29.75 | 21.76 | 20.16 |
| 12 | - | - | - | - | 31.71 | 82.01 | 110.49 | 55.40 | 52.81 | 29.29 | 22.24 | 20.55 |
| 13 | - | - | - | - | 33.97 | 70.54 | 107.45 | 54.10 | 51.35 | 29.13 | 21.19 | 20.68 |
| 14 | - | - | - | - | 35.12 | 69.44 | 97.45 | 54.10 | 48.85 | 28.60 | 23.27 | 21.22 |
| 15 | - | - | - | - | 36.88 | 81.66 | 97.56 | 55.19 | 48.75 | 28.07 | 23.27 | 22.31 |
| 16 | - | - | - | - | 38.07 | 83.88 | 94.66 | 54.69 | 50.47 | 27.92 | 22.79 | 28.54 |
| 17 | - | - | - | - | 37.65 | 81.04 | 92.66 | 53.90 | 50.76 | 27.47 | 22.24 | 62.22 |
| 18 | - | - | - | - | 37.13 | 83.76 | 92.16 | 53.11 | 50.86 | 27.32 | 21.83 | 74.57 |
| 19 | - | - | - | - | 37.65 | 81.29 | 90.31 | 52.32 | 51.44 | 26.80 | 22.24 | 79.30 |
| 20 | - | - | - | - | 38.42 | 73.23 | 87.49 | 51.64 | 51.15 | 26.21 | 22.72 | 89.83 |
| 21 | - | - | - | - | 39.81 | 82.36 | 84.84 | 51.44 | 48.47 | 25.62 | 22.72 | 93.03 |
| 22 | - | - | - | - | 41.84 | 82.33 | 83.64 | 50.76 | 45.56 | 25.12 | 22.24 | 99.38 |
| 23 | - | - | - | - | 44.37 | 83.16 | 82.81 | 49.99 | 43.28 | 24.97 | 21.56 | 111.05 |
| 24 | - | - | - | - | 50.54 | 81.62 | 82.57 | 49.23 | 41.22 | 24.47 | 20.35 | 113.77 |
| 25 | - | - | - | - | 66.06 | 79.04 | 81.74 | 48.75 | 39.72 | 23.98 | 20.62 | 94.87 |
| 26 | - | - | - | - | 87.27 | 77.07 | 80.80 | 50.09 | 38.33 | 23.83 | 21.08 | 77.84 |
| 27 | - | - | - | - | 101.78 | 76.39 | 79.28 | 52.32 | 37.05 | 23.34 | 21.08 | 46.48 |
| 28 | - | - | - | - | 79.63 | 83.19 | 74.68 | 54.70 | 36.37 | 22.79 | 20.62 | 41.57 |
| 29 | - | - | - | - | 77.65 | 94.06 | 71.63 | 57.32 | 36.21 | 22.24 | 20.09 | 39.81 |
| 30 | - | - | - | 88.05 | 78.23 | 103.24 | 69.08 | 61.25 | 35.62 | 21.69 | 19.57 | 38.50 |
| 31 | - | - | - | - | 75.82 | - | 67.43 | 64.74 | - | 21.22 | - | 38.33 |
| Mean | - | - | - | - | 54.378 | 74.512 | 103.29 | 56.454 | 49.266 | 27.836 | 21.255 | 46.138 |
| Maximum | - | - | - | - | 101.78 | 103.24 | 166.48 | 67.215 | 63.879 | 34.955 | 23.273 | 113.77 |
| Minimum | - | - | - | - | 31.714 | 49.514 | 67.434 | 48.75 | 35.62 | 21.219 | 18.231 | 19.116 |
| R/off mm | - | - | - | - | - | - | - | - | - | - | - | - |

Flows in cubic metres per second

 Insufficient data for annual statistics

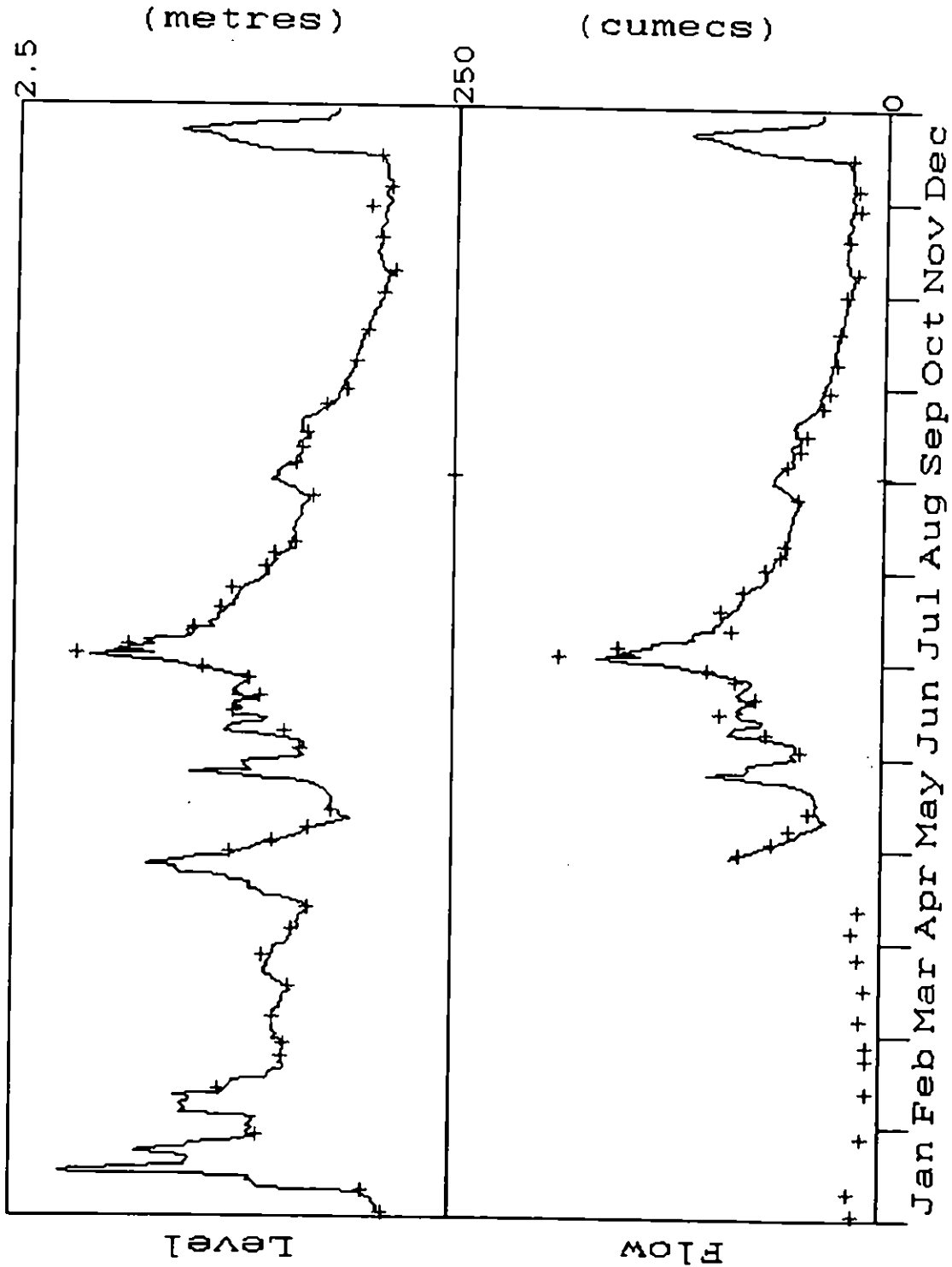
Possible data flags

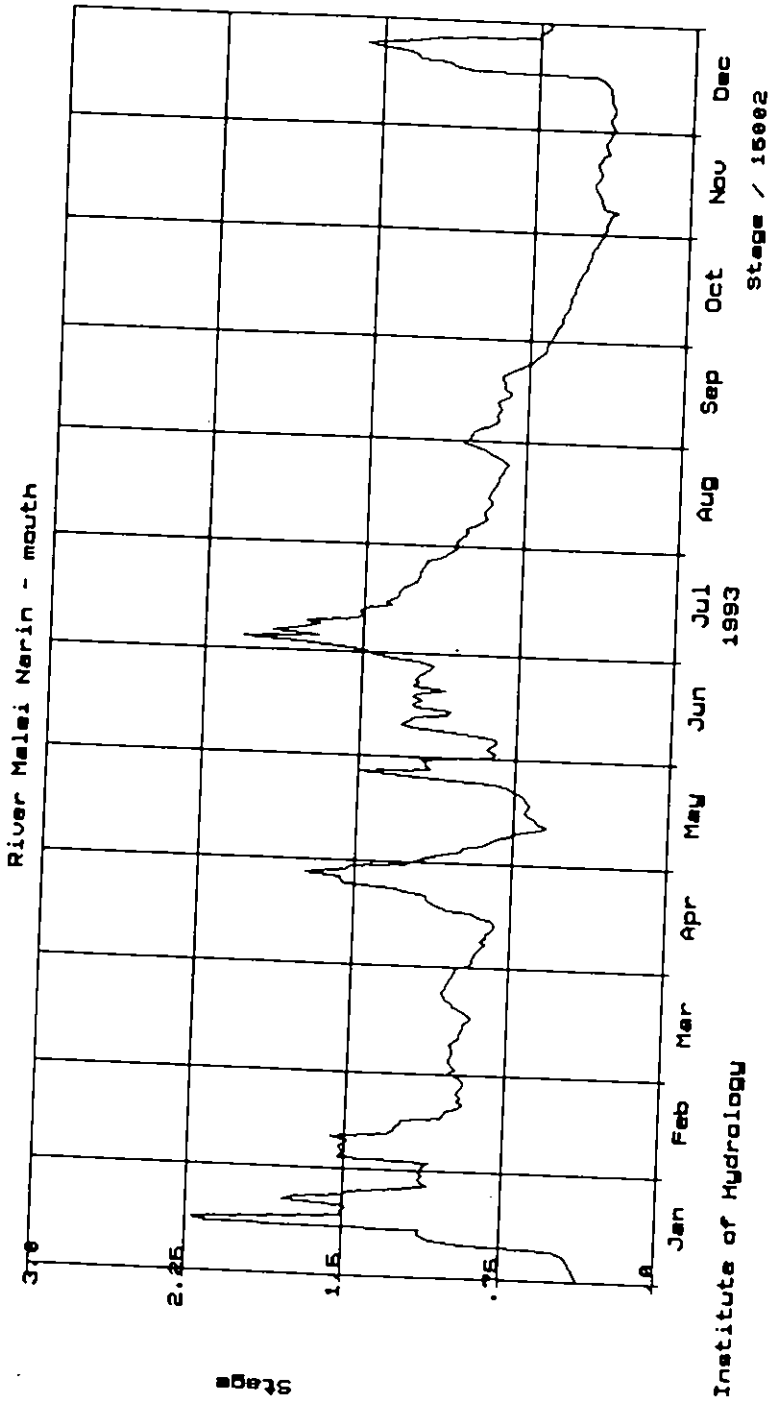
Missing - flag "--"

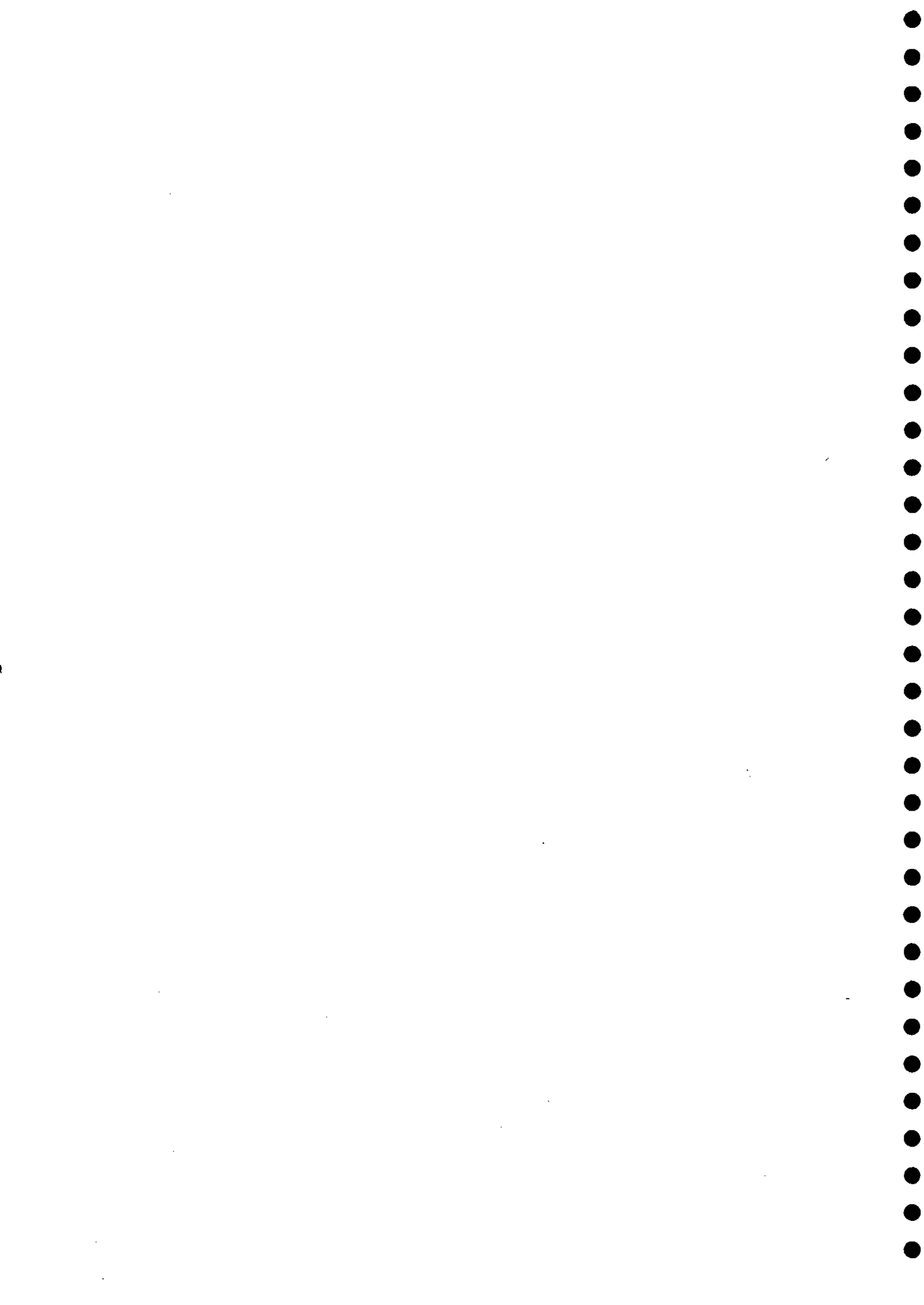
Original - no flag set

Estimate - flag "e"

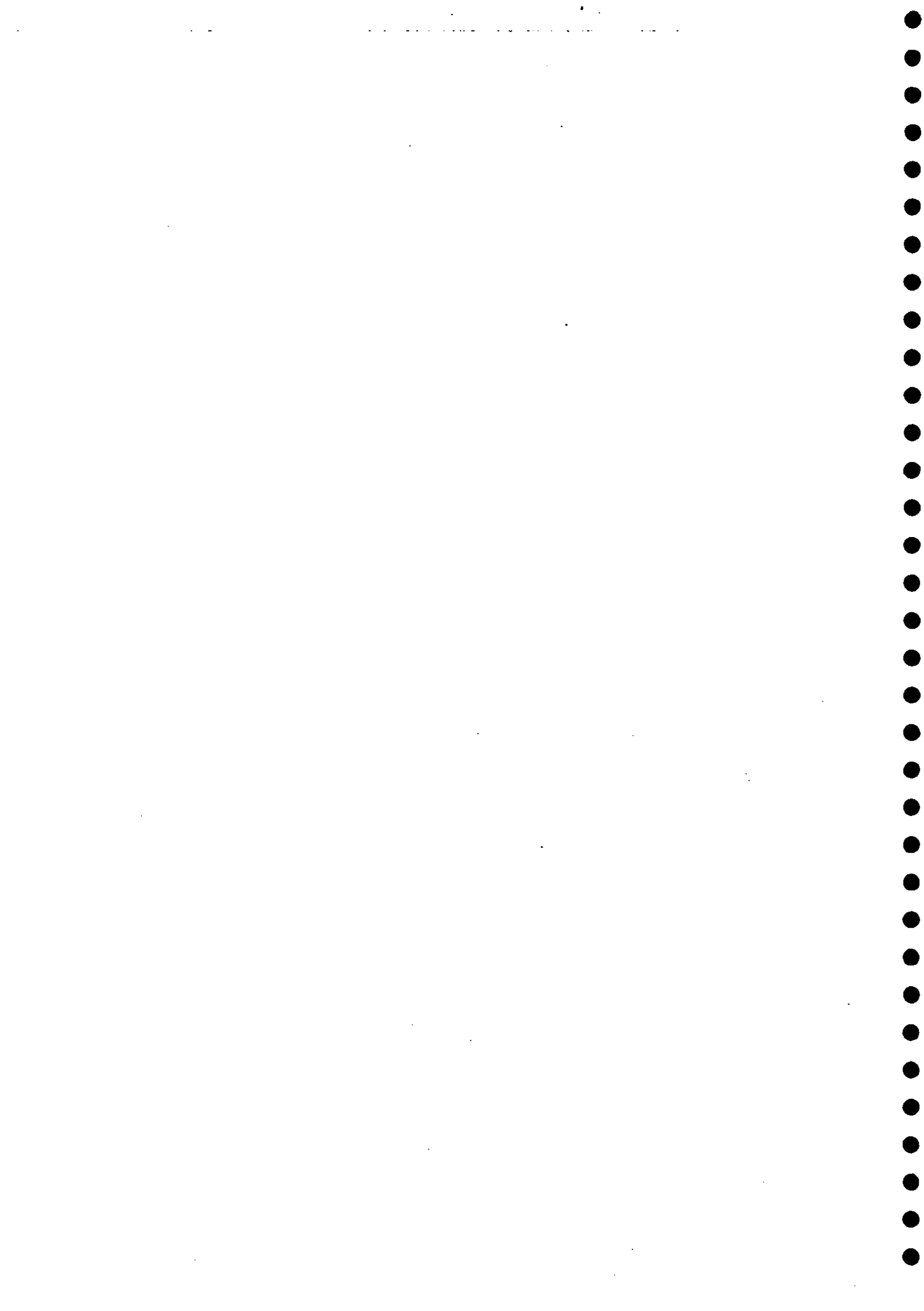
015002 River Malai Narin mouch 1993







Station :15467 Tuyak - Mouth



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 15004 Name : River Tuyuk - mouth

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|
| 1 | .90 | .88 | .88 | .88 | .96 | 1.04 | 1.13 | 1.11 | 1.06 | 1.03 | .96 | .92 |
| 2 | .90 | .87 | .88 | .88 | .99 | 1.05 | 1.13 | 1.10 | 1.06 | 1.03 | .96 | .91 |
| 3 | .90 | .87 | .88 | .88 | .97 | 1.05 | 1.13 | 1.09 | 1.07 | 1.03 | .95 | .91 |
| 4 | .89 | .87 | .88 | .88 | .96 | 1.05 | 1.13 | 1.09 | 1.08 | 1.03 | .95 | .91 |
| 5 | .89 | .88 | .87 | .88 | .97 | 1.05 | 1.13 | 1.09 | 1.08 | 1.04 | .95 | .91 |
| 6 | .88 | .87 | .88 | .89 | .96 | 1.07 | 1.14 | 1.10 | 1.08 | 1.04 | .95 | .90 |
| 7 | .88 | .88 | .88 | .89 | .96 | 1.06 | 1.13 | 1.10 | 1.09 | 1.03 | .94 | .90 |
| 8 | .89 | .89 | .88 | .89 | .96 | 1.04 | 1.14 | 1.11 | 1.09 | 1.03 | .94 | .90 |
| 9 | .88 | .90 | .88 | .89 | .96 | 1.04 | 1.16 | 1.10 | 1.08 | 1.03 | .95 | .91 |
| 10 | .87 | .89 | .88 | .89 | .96 | 1.04 | 1.16 | 1.10 | 1.07 | 1.02 | .96 | .91 |
| 11 | .87 | .90 | .88 | .89 | .96 | 1.04 | 1.14 | 1.09 | 1.06 | 1.02 | .96 | .90 |
| 12 | .87 | .89 | .88 | .89 | .97 | 1.05 | 1.12 | 1.08 | 1.06 | 1.02 | .96 | .90 |
| 13 | .87 | .89 | .88 | .90 | .96 | 1.06 | 1.12 | 1.07 | 1.07 | 1.01 | .96 | .89 |
| 14 | .87 | .89 | .89 | .90 | .95 | 1.04 | 1.12 | 1.08 | 1.06 | 1.01 | .95 | .89 |
| 15 | .87 | .89 | .89 | .90 | .96 | 1.03 | 1.12 | 1.08 | 1.06 | 1.01 | .95 | .90 |
| 16 | .87 | .89 | .88 | .90 | .96 | 1.03 | 1.11 | 1.07 | 1.05 | 1.00 | .95 | .90 |
| 17 | .87 | .88 | .89 | .91 | .98 | 1.03 | 1.11 | 1.07 | 1.05 | 1.00 | .94 | .90 |
| 18 | .88 | .87 | .88 | .91 | .97 | 1.04 | 1.19 | 1.07 | 1.06 | 1.00 | .94 | .90 |
| 19 | .88 | .87 | .89 | .92 | .96 | 1.05 | 1.19 | 1.06 | 1.07 | 1.00 | .94 | .90 |
| 20 | .89 | .87 | .89 | .91 | .96 | 1.06 | 1.17 | 1.08 | 1.07 | 1.00 | .94 | .89 |
| 21 | .89 | .88 | .89 | .92 | .96 | 1.06 | 1.17 | 1.07 | 1.07 | 1.00 | .93 | .90 |
| 22 | .89 | .87 | .89 | .93 | .99 | 1.07 | 1.17 | 1.07 | 1.06 | .99 | .93 | .89 |
| 23 | .89 | .86 | .89 | .94 | .99 | 1.13 | 1.16 | 1.07 | 1.06 | .99 | .93 | .89 |
| 24 | .89 | .87 | .89 | .95 | 1.03 | 1.12 | 1.14 | 1.08 | 1.05 | .99 | .93 | .88 |
| 25 | .88 | .86 | .89 | .96 | 1.07 | 1.11 | 1.12 | 1.07 | 1.05 | .98 | .92 | .88 |
| 26 | .88 | .87 | .89 | .95 | 1.04 | 1.10 | 1.11 | 1.08 | 1.06 | .99 | .93 | .87 |
| 27 | .88 | .88 | .88 | .95 | 1.04 | 1.12 | 1.11 | 1.08 | 1.06 | .98 | .92 | .87 |
| 28 | .89 | .88 | .89 | .96 | 1.03 | 1.12 | 1.11 | 1.08 | 1.06 | .97 | .92 | .88 |
| 29 | .89 | | .89 | .97 | 1.03 | 1.13 | 1.12 | 1.08 | 1.05 | .97 | .92 | .89 |
| 30 | .88 | | .88 | .96 | 1.04 | 1.13 | 1.12 | 1.07 | 1.04 | .97 | .92 | .89 |
| 31 | .89 | | .88 | | 1.05 | | 1.11 | 1.07 | | .96 | | .89 |
| Mean | .88 | .88 | .88 | .91 | .99 | 1.07 | 1.14 | 1.08 | 1.06 | 1.01 | .94 | .90 |
| Maximum | .90 | .90 | .89 | .97 | 1.07 | 1.13 | 1.19 | 1.11 | 1.09 | 1.04 | .96 | .92 |
| Minimum | .87 | .86 | .87 | .88 | .95 | 1.03 | 1.11 | 1.06 | 1.04 | .96 | .92 | .87 |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

Missing - flag "-"

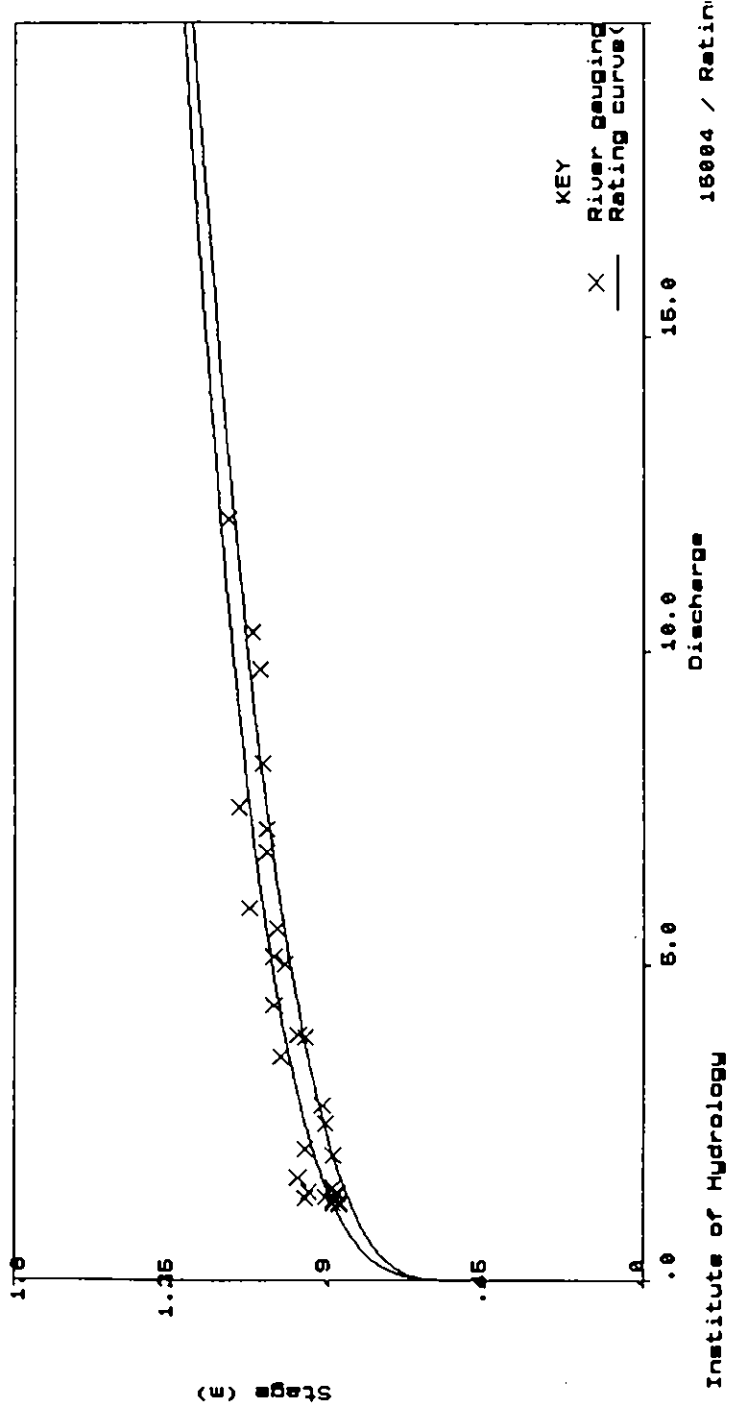
Original - no flag set

 Institute of Hydrology
 River gaugings for station 15004 : River Tuyuk - mouth

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|-----------------|----------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. % | Diff./Rat. (m) | Plot |
| 1 | 8 Jan 1993 | A | .890 | .790 | 1.62 | 1.280 | 1.219 | .061 | 5.0 | .00/A | - |
| 2 | 19 Jan 1993 | A | .890 | .830 | 1.76 | 1.460 | 1.219 | .241 | 19.8 | -.02/A | - |
| 3 | 26 Jan 1993 | A | .880 | .760 | 1.78 | 1.350 | 1.102 | .248 | 22.5 | -.02/A | <- |
| 4 | 7 Feb 1993 | A | .870 | .750 | 1.65 | 1.240 | .994 | .246 | 24.7 | -.02/A | <- |
| 5 | 19 Feb 1993 | A | .870 | .770 | 1.57 | 1.210 | .994 | .216 | 21.7 | -.02/A | - |
| 6 | 26 Feb 1993 | A | .870 | .760 | 1.58 | 1.200 | .994 | .206 | 20.7 | -.02/A | - |
| 7 | 9 Mar 1993 | A | .880 | .790 | 1.76 | 1.390 | 1.102 | .288 | 26.1 | -.02/A | <- |
| 8 | 19 Mar 1993 | A | .880 | .810 | 1.68 | 1.360 | 1.102 | .258 | 23.4 | -.02/A | <- |
| 9 | 29 Mar 1993 | A | .880 | .810 | 1.69 | 1.370 | 1.102 | .268 | 24.3 | -.02/A | <- |
| 10 | 9 Apr 1993 | A | .890 | .790 | 1.53 | 1.210 | 1.219 | -.009 | -.7 | .00/A | - |
| 11 | 19 Apr 1993 | A | .910 | .800 | 1.65 | 1.320 | 1.478 | -.158 | -10.7 | .01/A | - |
| 12 | 25 Apr 1993 | A | .970 | 1.040 | 1.99 | 2.070 | 2.492 | -.422 | -16.9 | .02/A | -> |
| 13 | 30 Apr 1993 | ? | .960 | .790 | 1.77 | 1.400 | 2.296 | -.896 | -39.0 | .06/A | -> |
| 14 | 13 May 1993 | ? | .970 | .790 | 1.63 | 1.290 | 2.492 | -1.202 | -48.2 | .07/A | -> |
| 15 | 23 May 1993 | ? | .990 | .820 | 1.98 | 1.620 | 2.920 | -1.300 | -44.5 | .07/A | -> |
| 16 | 25 May 1993 | A | 1.060 | 1.740 | 2.51 | 4.360 | 4.843 | -.483 | -10.0 | .02/A | - |
| 17 | 9 Jun 1993 | A | 1.040 | 1.450 | 2.45 | 3.550 | 4.221 | -.671 | -15.9 | .02/A | -> |
| 18 | 19 Jun 1993 | A | 1.060 | 1.750 | 2.94 | 5.140 | 4.843 | .297 | 6.1 | -.01/A | - |
| 19 | 23 Jun 1993 | A | 1.130 | 1.600 | 3.69 | 5.910 | 7.545 | -1.635 | -21.7 | .04/A | -> |
| 20 | 10 Jul 1993 | A | 1.160 | 1.940 | 3.88 | 7.520 | 8.984 | -1.464 | -16.3 | .03/A | -> |
| 21 | 20 Jul 1993 | + | 1.190 | 2.380 | 5.08 | 12.100 | 12.974 | -.874 | -6.7 | .02/B | - |
| 22 | 28 Jul 1993 | B | 1.120 | 2.050 | 5.02 | 10.300 | 9.250 | 1.050 | 11.4 | -.02/B | <- |
| 23 | 8 Aug 1993 | B | 1.120 | 2.200 | 4.68 | 10.300 | 9.250 | 1.050 | 11.4 | -.02/B | <- |
| 24 | 13 Aug 1993 | B | 1.100 | 2.100 | 4.62 | 9.710 | 8.330 | 1.380 | 16.6 | -.03/B | <- |
| 25 | 28 Aug 1993 | B | 1.090 | 1.980 | 4.15 | 8.210 | 7.893 | .317 | 4.0 | -.01/B | - |
| 26 | 8 Sep 1993 | B | 1.080 | 1.880 | 3.62 | 6.810 | 7.472 | -.662 | -8.9 | .02/B | - |
| 27 | 19 Sep 1993 | B | 1.080 | 1.860 | 3.85 | 7.170 | 7.472 | -.302 | -4.0 | .01/B | - |
| 28 | 26 Sep 1993 | B | 1.050 | 1.550 | 3.61 | 5.590 | 6.294 | -.704 | -11.2 | .02/B | - |
| 29 | 10 Oct 1993 | B | 1.030 | 1.470 | 3.41 | 5.010 | 5.580 | -.570 | -10.2 | .02/B | - |
| 30 | 27 Oct 1993 | B | .990 | 1.380 | 2.81 | 3.880 | 4.313 | -.433 | -10.0 | .02/B | - |
| 31 | 10 Nov 1993 | B | .970 | 1.300 | 2.96 | 3.850 | 3.756 | .094 | 2.5 | .00/B | - |
| 32 | 28 Nov 1993 | B | .920 | 1.110 | 2.49 | 2.760 | 2.571 | .189 | 7.4 | -.01/B | - |
| 33 | 9 Dec 1993 | B | .910 | 1.050 | 2.37 | 2.490 | 2.368 | .122 | 5.2 | -.01/B | - |
| 34 | 19 Dec 1993 | B | .890 | .930 | 2.13 | 1.980 | 1.993 | -.013 | -.6 | .00/B | - |
| 35 | 29 Dec 1993 | B | .890 | .960 | 2.05 | 1.970 | 1.993 | -.023 | -1.1 | .00/B | - |

Total number of gaugings = 35 (998 maximum)

River Tuyuk - mouth



 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 15004 Name : River Tuyuk - mouth

Basin no. : 0 Latitude : 0: 0: 0 N Longitude : 0: 0: 0 E Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|----------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | - | 1.10 | 1.10 | 1.10 | 2.37 | 4.30 | 7.55 | 8.73 | 6.72 | 5.62 | 3.49 | 2.55 |
| 2 | - | 1.01 | 1.10 | 1.10 | 2.78 | 4.49 | 7.55 | 8.33 | 6.72 | 5.58 | 3.46 | 2.39 |
| 3 | - | .99 | 1.10 | 1.10 | 2.52 | 4.52 | 7.55 | 7.95 | 7.07 | 5.58 | 3.28 | 2.37 |
| 4 | - | 1.01 | 1.09 | 1.10 | 2.34 | 4.52 | 7.55 | 7.89 | 7.42 | 5.62 | 3.25 | 2.37 |
| 5 | - | 1.08 | 1.02 | 1.12 | 2.44 | 4.60 | 7.60 | 7.95 | 7.47 | 5.89 | 3.25 | 2.34 |
| 6 | - | 1.02 | 1.09 | 1.20 | 2.32 | 5.05 | 7.89 | 8.27 | 7.52 | 5.89 | 3.22 | 2.20 |
| 7 | - | 1.10 | 1.10 | 1.22 | 2.30 | 4.80 | 7.66 | 8.39 | 7.84 | 5.62 | 3.04 | 2.17 |
| 8 | 1.19 | 1.22 | 1.10 | 1.22 | 2.30 | 4.30 | 8.07 | 8.67 | 7.84 | 5.58 | 3.04 | 2.20 |
| 9 | 1.10 | 1.31 | 1.10 | 1.22 | 2.30 | 4.22 | 8.86 | 8.39 | 7.47 | 5.54 | 3.25 | 2.34 |
| 10 | 1.01 | 1.25 | 1.10 | 1.22 | 2.30 | 4.22 | 8.86 | 8.27 | 7.07 | 5.28 | 3.46 | 2.34 |
| 11 | .99 | 1.31 | 1.10 | 1.22 | 2.32 | 4.26 | 8.01 | 7.89 | 6.72 | 5.24 | 3.49 | 2.20 |
| 12 | .99 | 1.23 | 1.10 | 1.23 | 2.44 | 4.53 | 7.22 | 7.47 | 6.72 | 5.20 | 3.49 | 2.15 |
| 13 | .99 | 1.22 | 1.12 | 1.33 | 2.30 | 4.72 | 7.11 | 7.17 | 6.97 | 4.96 | 3.46 | 2.02 |
| 14 | .99 | 1.22 | 1.20 | 1.34 | 2.16 | 4.26 | 7.11 | 7.42 | 6.72 | 4.92 | 3.28 | 2.02 |
| 15 | .99 | 1.22 | 1.20 | 1.34 | 2.27 | 3.97 | 7.05 | 7.42 | 6.63 | 4.88 | 3.25 | 2.15 |
| 16 | .99 | 1.20 | 1.13 | 1.36 | 2.35 | 3.93 | 6.74 | 7.11 | 6.34 | 4.65 | 3.22 | 2.17 |
| 17 | 1.01 | 1.10 | 1.19 | 1.46 | 2.62 | 3.97 | 7.13 | 7.07 | 6.34 | 4.61 | 3.04 | 2.17 |
| 18 | 1.09 | 1.01 | 1.13 | 1.50 | 2.49 | 4.22 | 10.08 | 7.01 | 6.67 | 4.61 | 3.01 | 2.17 |
| 19 | 1.12 | .99 | 1.20 | 1.58 | 2.32 | 4.53 | 10.47 | 6.82 | 7.01 | 4.61 | 3.01 | 2.15 |
| 20 | 1.20 | 1.01 | 1.22 | 1.51 | 2.30 | 4.80 | 11.57 | 7.32 | 7.07 | 4.61 | 2.98 | 2.04 |
| 21 | 1.22 | 1.08 | 1.22 | 1.62 | 2.37 | 4.88 | 11.83 | 7.11 | 7.01 | 4.57 | 2.81 | 2.13 |
| 22 | 1.22 | 1.00 | 1.22 | 1.77 | 2.84 | 5.41 | 11.76 | 7.07 | 6.72 | 4.35 | 2.79 | 2.02 |
| 23 | 1.22 | .92 | 1.22 | 1.94 | 3.04 | 7.17 | 11.21 | 7.11 | 6.63 | 4.31 | 2.79 | 1.97 |
| 24 | 1.20 | .97 | 1.22 | 2.11 | 3.95 | 7.11 | 10.24 | 7.37 | 6.34 | 4.28 | 2.76 | 1.84 |
| 25 | 1.12 | .92 | 1.22 | 2.25 | 4.89 | 6.68 | 9.31 | 7.17 | 6.34 | 4.10 | 2.62 | 1.80 |
| 26 | 1.10 | 1.00 | 1.20 | 2.13 | 4.34 | 6.43 | 8.84 | 7.42 | 6.63 | 4.24 | 2.73 | 1.68 |
| 27 | 1.12 | 1.09 | 1.13 | 2.13 | 4.18 | 7.00 | 8.78 | 7.47 | 6.67 | 4.03 | 2.60 | 1.68 |
| 28 | 1.20 | 1.10 | 1.20 | 2.30 | 3.97 | 7.16 | 8.84 | 7.47 | 6.63 | 3.79 | 2.57 | 1.82 |
| 29 | 1.20 | | 1.20 | 2.44 | 3.97 | 7.49 | 9.19 | 7.42 | 6.30 | 3.76 | 2.57 | 1.97 |
| 30 | 1.13 | | 1.12 | 2.32 | 4.22 | 7.55 | 9.19 | 7.11 | 5.93 | 3.72 | 2.57 | 1.99 |
| 31 | 1.19 | | 1.10 | | 4.45 | | 8.84 | 7.01 | | 3.53 | | 1.99 |
| Mean | - | 1.0955 | 1.1475 | 1.5503 | 2.8948 | 5.1701 | 8.7102 | 7.5898 | 6.8508 | 4.8121 | 3.0595 | 2.1102 |
| Maximum | - | 1.312 | 1.219 | 2.442 | 4.89 | 7.545 | 11.968 | 8.725 | 7.84 | 5.886 | 3.495 | 2.545 |
| Minimum | - | .919 | 1.021 | 1.102 | 2.156 | 3.933 | 6.736 | 6.819 | 5.931 | 3.528 | 2.571 | 1.678 |
| R/off mm | - | - | - | - | - | - | - | - | - | - | - | - |

Flows in cubic metres per second

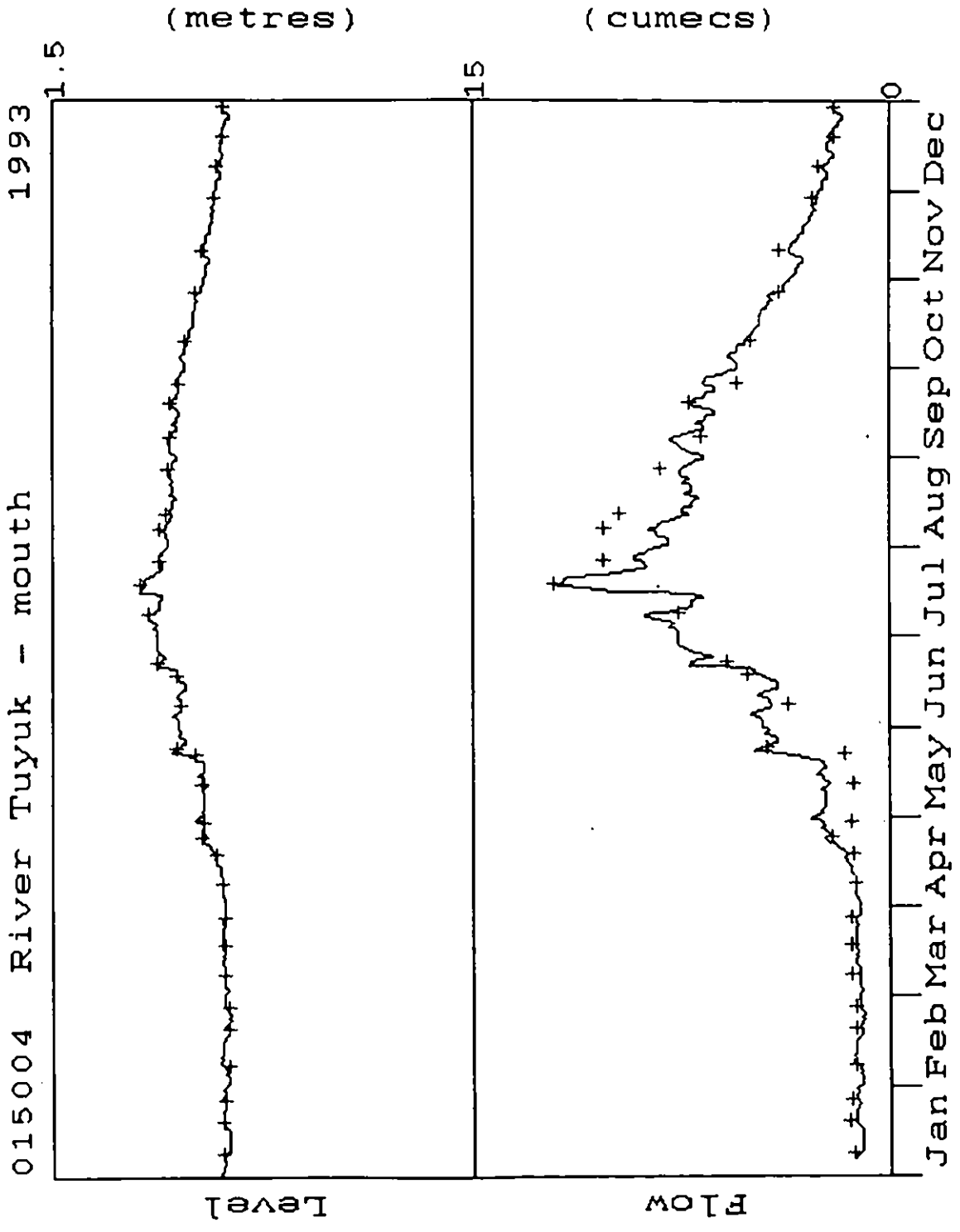
 Insufficient data for annual statistics

Possible data flags

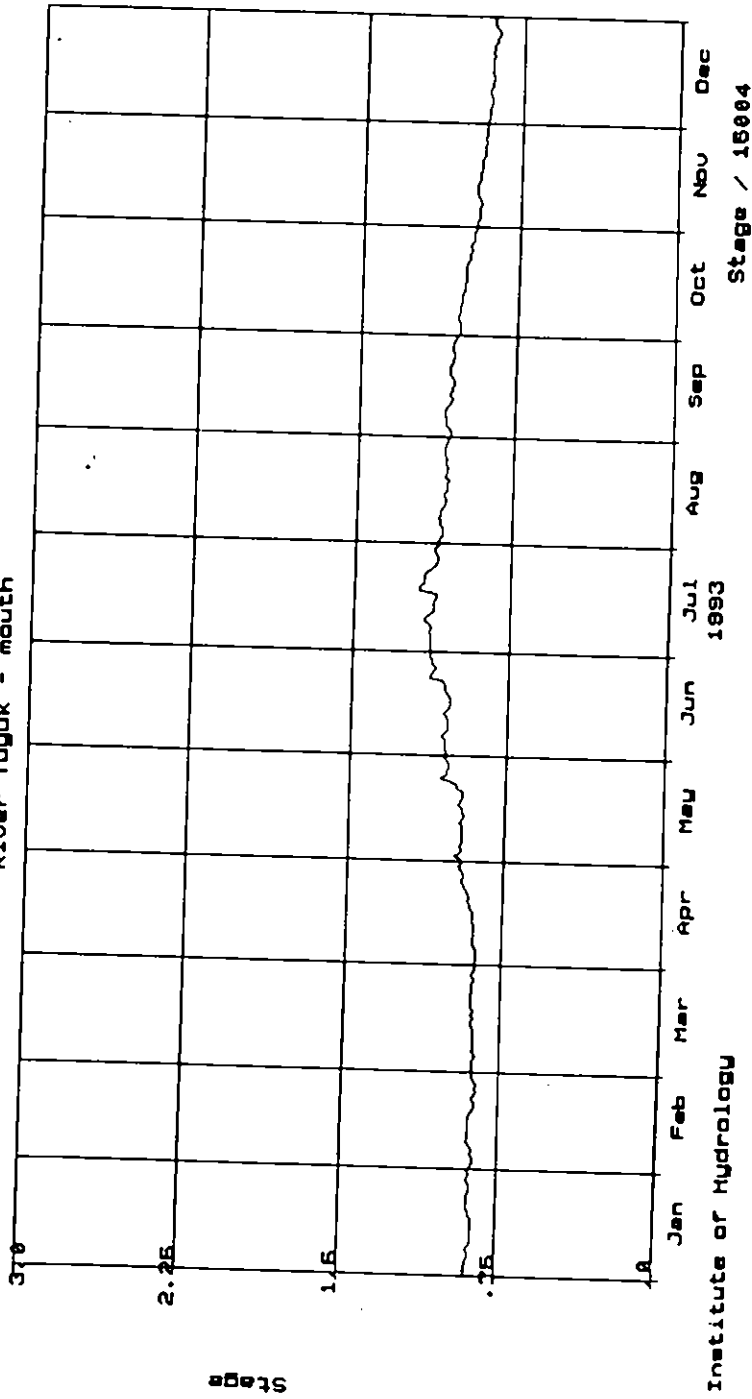
Missing - flag '--'

Original - no flag set

Estimate - flag 'e'



River Tuyuk - mouth



Institute of Hydrology

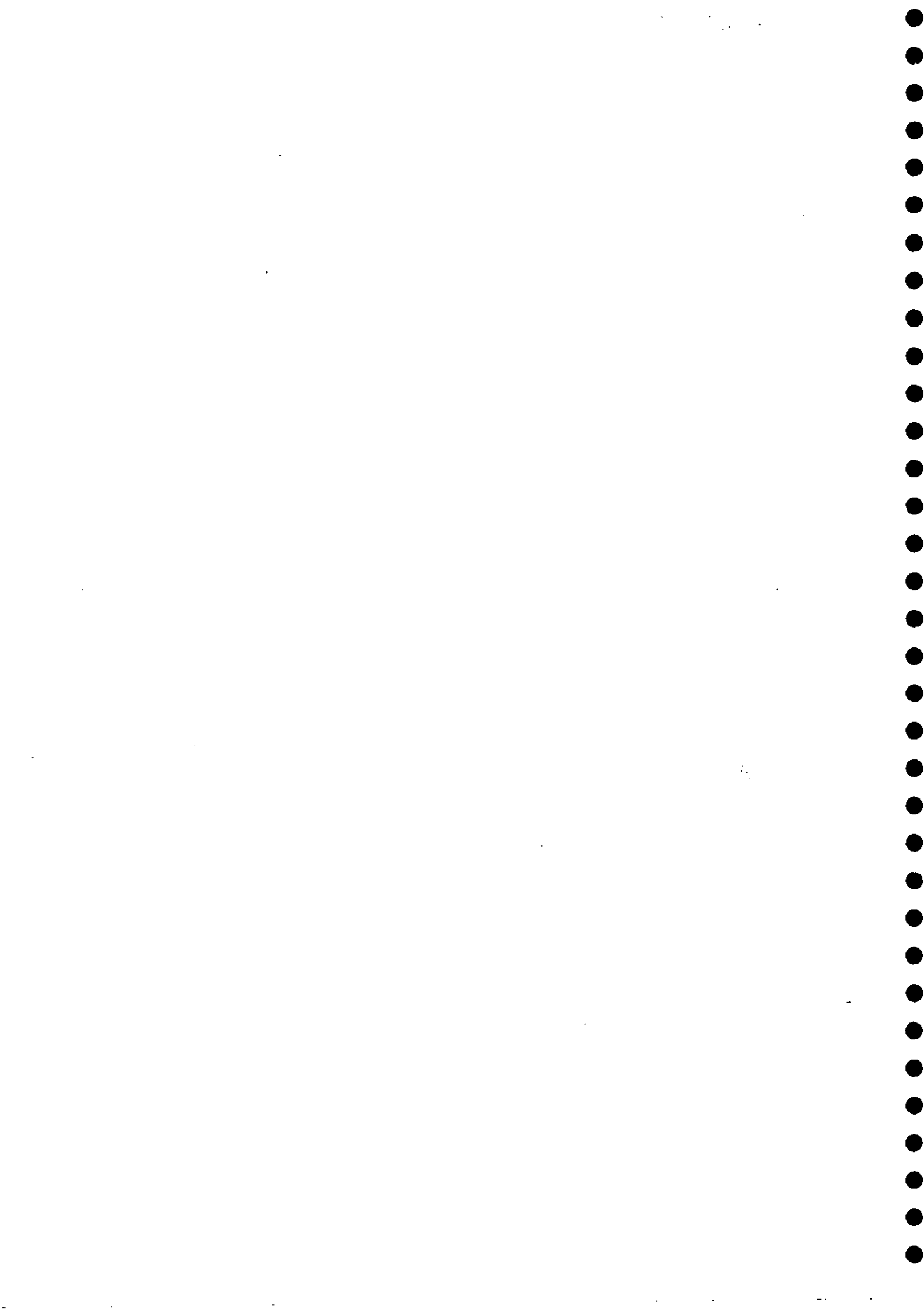
Stage / 15004

Country : Kazakhstan

Stations Listed : 16497 Syrdarya - Keles
16037 Syrdarya - Tumenarik
16350 Aksu - Podgornoe



Station :16497 Syrdarya - Keles



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 16497 Name : River Syr Darya at Keles

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 5.27 | 5.78 | 6.94 | 7.10 | 6.87 | 7.76 | 6.33 | 4.35 | 4.27 | 4.51 | 4.95 | 6.38 |
| 2 | 5.25 | 5.79 | 6.98 | 7.02 | 6.78 | 7.82 | 6.25 | 4.31 | 4.29 | 4.48 | 4.96 | 6.44 |
| 3 | 5.23 | 5.77 | 7.05 | 6.93 | 6.79 | 7.82 | 6.10 | 4.31 | 4.29 | 4.50 | 5.04 | 6.45 |
| 4 | 5.20 | 5.82 | 7.09 | 6.86 | 6.75 | 7.79 | 5.93 | 4.29 | 4.42 | 4.47 | 5.20 | 6.53 |
| 5 | 5.16 | 5.85 | 7.13 | 6.82 | 6.72 | 7.77 | 5.83 | 4.27 | 4.60 | 4.51 | 5.24 | 6.55 |
| 6 | 5.07 | 6.00 | 7.19 | 6.80 | 6.81 | 7.81 | 5.79 | 4.23 | 4.65 | 4.57 | 5.25 | 6.55 |
| 7 | 5.05 | 6.15 | 7.25 | 6.70 | 6.92 | 7.92 | 5.72 | 4.23 | 4.72 | 4.69 | 5.38 | 6.46 |
| 8 | 5.02 | 6.33 | 7.24 | 6.62 | 6.99 | 7.97 | 5.77 | 4.25 | 4.82 | 4.77 | 5.43 | 6.26 |
| 9 | 5.21 | 6.42 | 7.23 | 6.47 | 7.22 | 7.97 | 5.82 | 4.24 | 4.82 | 4.80 | 5.46 | 6.43 |
| 10 | 5.43 | 6.34 | 7.27 | 6.36 | 7.42 | 7.94 | 5.65 | 4.26 | 4.82 | 4.74 | 5.45 | 6.56 |
| 11 | 5.50 | 6.31 | 7.34 | 6.32 | 7.48 | 7.87 | 5.51 | 4.30 | 4.70 | 4.77 | 5.51 | 6.42 |
| 12 | 5.53 | 6.34 | 7.26 | 6.27 | 7.51 | 7.74 | 5.37 | 4.27 | 4.54 | 4.77 | 5.47 | 6.20 |
| 13 | 5.52 | 6.40 | 7.12 | 6.21 | 7.55 | 7.57 | 5.29 | 4.25 | 4.48 | 4.66 | 5.26 | 6.42 |
| 14 | 5.50 | 6.43 | 7.05 | 6.23 | 7.65 | 7.46 | 5.18 | 4.26 | 4.40 | 4.59 | 5.54 | 6.63 |
| 15 | 5.53 | 6.49 | 7.03 | 6.27 | 7.73 | 7.34 | 5.08 | 4.25 | 4.41 | 4.59 | 5.66 | 6.67 |
| 16 | 5.53 | 6.60 | 7.03 | 6.31 | 7.77 | 7.22 | 5.05 | 4.23 | 4.38 | 4.59 | 5.70 | 6.69 |
| 17 | 5.45 | 6.65 | 7.03 | 6.36 | 7.82 | 7.08 | 5.04 | 4.24 | 4.43 | 4.56 | 5.71 | 6.72 |
| 18 | 5.47 | 6.61 | 7.05 | 6.37 | 7.77 | 6.96 | 4.98 | 4.22 | 4.42 | 4.54 | 5.78 | 6.77 |
| 19 | 5.50 | 6.64 | 7.11 | 6.33 | 7.54 | 6.90 | 5.12 | 4.17 | 4.40 | 4.50 | 5.89 | 6.82 |
| 20 | 5.49 | 6.70 | 7.16 | 6.29 | 7.39 | 6.86 | 5.25 | 4.16 | 4.42 | 4.44 | 6.00 | 6.87 |
| 21 | 5.53 | 6.73 | 7.23 | 6.26 | 7.38 | 6.82 | 5.20 | 4.17 | 4.45 | 4.40 | 6.07 | 6.93 |
| 22 | 5.48 | 6.77 | 7.24 | 6.32 | 7.37 | 6.85 | 5.02 | 4.14 | 4.46 | 4.36 | 6.14 | 6.94 |
| 23 | 5.47 | 6.86 | 7.25 | 6.70 | 7.42 | 6.80 | 4.79 | 4.14 | 4.48 | 4.38 | 6.10 | 6.96 |
| 24 | 5.47 | 6.93 | 7.23 | 6.71 | 7.47 | 6.66 | 4.71 | 4.13 | 4.50 | 4.47 | 5.82 | 6.95 |
| 25 | 5.48 | 6.95 | 7.22 | 6.91 | 7.53 | 6.61 | 4.67 | 4.16 | 4.53 | 4.52 | 5.96 | 6.88 |
| 26 | 5.51 | 6.93 | 7.25 | 6.87 | 7.65 | 6.58 | 4.60 | 4.15 | 4.50 | 4.54 | 6.11 | 6.83 |
| 27 | 5.59 | 6.91 | 7.27 | 6.79 | 7.64 | 6.52 | 4.55 | 4.16 | 4.49 | 4.59 | 6.09 | 6.83 |
| 28 | 5.68 | 6.93 | 7.25 | 6.75 | 7.64 | 6.51 | 4.51 | 4.14 | 4.52 | 4.65 | 5.92 | 6.83 |
| 29 | 5.70 | | 7.23 | 6.81 | 7.62 | 6.44 | 4.46 | 4.14 | 4.54 | 4.73 | 6.07 | 6.87 |
| 30 | 5.75 | | 7.20 | 6.89 | 7.67 | 6.39 | 4.42 | 4.19 | 4.54 | 4.79 | 6.23 | 6.89 |
| 31 | 5.76 | | 7.15 | | 7.71 | | 4.41 | 4.21 | | 4.89 | | 6.83 |
| Mean | 5.43 | 6.44 | 7.16 | 6.59 | 7.37 | 7.26 | 5.24 | 4.22 | 4.51 | 4.59 | 5.65 | 6.66 |
| Maximum | 5.76 | 6.95 | 7.34 | 7.10 | 7.82 | 7.97 | 6.33 | 4.35 | 4.82 | 4.89 | 6.23 | 6.96 |
| Minimum | 5.02 | 5.77 | 6.94 | 6.21 | 6.72 | 6.39 | 4.41 | 4.13 | 4.27 | 4.36 | 4.95 | 6.20 |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

Missing - flag "--"

Original - no flag set

 Institute of Hydrology
 River gaugings for station 16497 : River Syr Darya at Keles

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|-----------------|----------------|-------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. % | Diff./Rat. (m) | Plot |
| 1 | 5 Jan 1993 | A | 5.190 | .590 | 759.32 | 448.000 | 429.558 | 18.442 | 4.3 | -.07/A | <- |
| 2 | 10 Jan 1993 | A | 5.400 | .660 | 795.45 | 525.000 | 486.411 | 38.589 | 7.9 | -.14/A | <<- |
| 3 | 11 Jan 1993 | A | 5.500 | .650 | 810.77 | 527.000 | 514.668 | 12.332 | 2.4 | -.04/A | <- |
| 4 | 21 Jan 1993 | A | 5.500 | .630 | 792.06 | 499.000 | 514.668 | -15.668 | -3.0 | .06/A | -> |
| 5 | 24 Jan 1993 | A | 5.470 | .600 | 806.67 | 484.000 | 506.111 | -22.111 | -4.4 | .08/A | -> |
| 6 | 28 Jan 1993 | A | 5.680 | .670 | 829.85 | 556.000 | 567.446 | -11.446 | -2.0 | .04/A | -> |
| 7 | 5 Feb 1993 | A | 5.820 | .660 | 853.03 | 563.000 | 610.194 | -47.194 | -7.7 | .15/A | ->> |
| 8 | 7 Feb 1993 | A | 6.140 | .740 | 927.03 | 686.000 | 713.453 | -27.453 | -3.8 | .08/A | -> |
| 9 | 8 Feb 1993 | A | 6.280 | .780 | 948.72 | 740.000 | 761.047 | -21.047 | -2.8 | .06/A | -> |
| 10 | 9 Feb 1993 | A | 6.440 | .820 | 978.05 | 802.000 | 817.235 | -15.235 | -1.9 | .04/A | -> |
| 11 | 17 Feb 1993 | A | 6.650 | .840 | 1004.76 | 844.000 | 893.876 | -49.876 | -5.6 | .14/A | ->> |
| 12 | 21 Feb 1993 | A | 6.730 | .840 | 1034.52 | 869.000 | 923.934 | -54.934 | -5.9 | .15/A | ->> |
| 13 | 24 Feb 1993 | A | 6.920 | .870 | 1090.80 | 949.000 | 997.223 | -48.223 | -4.8 | .12/A | ->> |
| 14 | 2 Mar 1993 | A | 6.960 | .830 | 1084.34 | 900.000 | 1012.992 | -112.992 | -11.2 | .29/A | ->>> |
| 15 | 8 Mar 1993 | A | 7.240 | .970 | 1154.64 | 1120.000 | 1126.680 | -6.680 | -.6 | .02/A | - |
| 16 | 8 Mar 1993 | A | 7.370 | 1.030 | 1174.76 | 1210.000 | 1181.423 | 28.577 | 2.4 | -.07/A | <- |
| 17 | 14 Mar 1993 | A | 7.060 | .880 | 1115.91 | 982.000 | 1052.932 | -70.932 | -6.7 | .18/A | ->> |
| 18 | 21 Mar 1993 | A | 7.120 | .970 | 1144.33 | 1110.000 | 1077.250 | 32.750 | 3.0 | -.08/A | <- |
| 19 | 31 Mar 1993 | B | 7.160 | .890 | 1168.54 | 1040.000 | 1035.810 | 4.190 | .4 | -.01/B | - |
| 20 | 5 Apr 1993 | B | 6.800 | .790 | 1126.58 | 890.000 | 874.449 | 15.551 | 1.8 | -.04/B | <- |
| 21 | 7 Apr 1993 | B | 6.710 | .710 | 1071.83 | 761.000 | 836.106 | -75.106 | -9.0 | .18/B | ->> |
| 22 | 8 Apr 1993 | B | 6.650 | .700 | 1078.57 | 755.000 | 810.991 | -55.991 | -6.9 | .14/B | ->> |
| 23 | 10 Apr 1993 | D | 6.370 | .530 | 983.02 | 521.000 | 559.478 | -38.478 | -6.9 | .10/D | -> |
| 24 | 15 Apr 1993 | D | 6.270 | .440 | 984.09 | 433.000 | 522.094 | -89.094 | -17.1 | .25/D | ->>> |
| 25 | 22 Apr 1993 | D | 6.320 | .480 | 964.58 | 463.000 | 540.628 | -77.628 | -14.4 | .22/D | ->> |
| 26 | 23 Apr 1993 | D | 6.440 | .580 | 989.66 | 574.000 | 586.395 | -12.395 | -2.1 | .03/D | -> |
| 27 | 25 Apr 1993 | D | 6.910 | .820 | 1103.66 | 905.000 | 783.040 | 121.960 | 15.6 | -.26/D | <<<- |
| 28 | 30 Apr 1993 | D | 6.900 | .730 | 1101.37 | 804.000 | 778.569 | 25.431 | 3.3 | -.06/D | <- |
| 29 | 4 May 1993 | D | 6.760 | .640 | 1078.13 | 690.000 | 717.278 | -27.278 | -3.8 | .06/D | -> |
| 30 | 7 May 1993 | B | 6.910 | .750 | 1122.67 | 842.000 | 783.040 | 58.960 | 7.5 | -.13/D | <<- |
| 31 | 9 May 1993 | B | 7.150 | .850 | 1165.88 | 991.000 | 894.096 | 96.904 | 10.8 | -.20/D | <<- |
| 32 | 10 May 1993 | B | 7.430 | .970 | 1216.49 | 1180.000 | 1032.710 | 147.290 | 14.3 | -.28/D | <<<- |
| 33 | 14 May 1993 | B | 7.630 | 1.010 | 1247.52 | 1260.000 | 1137.668 | 122.332 | 10.8 | -.22/D | <<<- |
| 34 | 16 May 1993 | B | 7.760 | 1.040 | 1298.08 | 1350.000 | 1208.542 | 141.458 | 11.7 | -.25/D | <<<- |
| 35 | 19 May 1993 | B | 7.510 | .930 | 1247.31 | 1160.000 | 1074.100 | 85.900 | 8.0 | -.16/D | <<- |
| 36 | 22 May 1993 | B | 7.370 | .890 | 1213.48 | 1080.000 | 1002.188 | 77.812 | 7.8 | -.15/D | <<- |
| 37 | 26 May 1993 | B | 7.640 | .990 | 1272.73 | 1260.000 | 1143.046 | 116.954 | 10.2 | -.21/D | <<- |
| 38 | 31 May 1993 | B | 7.710 | .990 | 1282.83 | 1270.000 | 1181.036 | 88.964 | 7.5 | -.16/D | <<- |
| 39 | 13 Jun 1993 | A | 7.640 | .950 | 1389.47 | 1320.000 | 1143.046 | 176.954 | 15.5 | -.32/D | <<<- |
| 40 | 14 Jun 1993 | A | 7.500 | .890 | 1415.73 | 1260.000 | 1068.883 | 191.117 | 17.9 | -.35/D | <<<<- |
| 41 | 15 Jun 1993 | A | 7.360 | .850 | 1352.94 | 1150.000 | 997.145 | 152.855 | 15.3 | -.29/D | <<<- |

Institute of Hydrology
 River gaugings for station 16497 : River Syr Darya at Keles

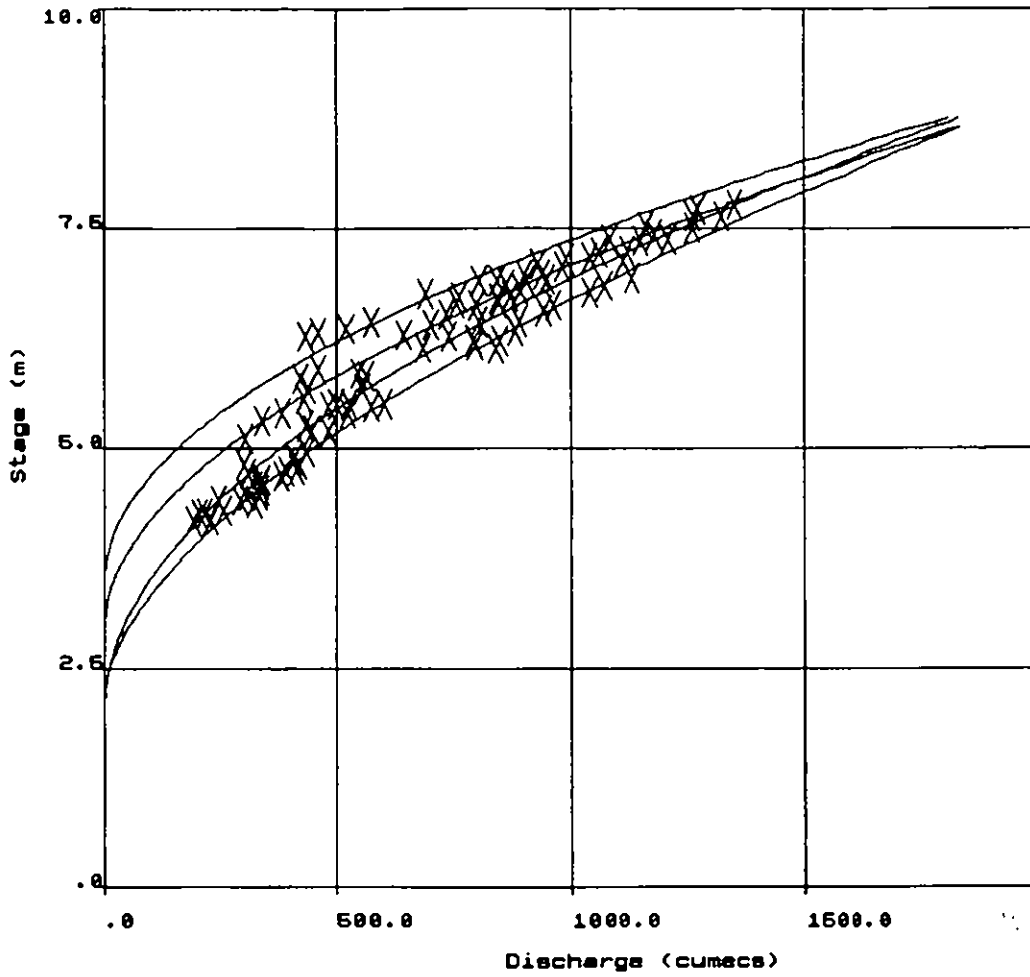
| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | Discharge | | | t | Stage | |
|--------------|-------------|--------|-----------|----------------|-------------|-------------------|---------------------|----------|-------|---------|-------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | (cumecs) | | (m) | |
| 42 | 16 Jun 1993 | B | 7.220 | .800 | 1325.00 | 1060.000 | 927.837 | 132.163 | 14.2 | -.26/D | <<<- |
| 43 | 17 Jun 1993 | B | 7.100 | .710 | 1308.45 | 929.000 | 870.368 | 58.632 | 6.7 | -.12/D | <<- |
| 44 | 18 Jun 1993 | B | 6.980 | .740 | 1266.22 | 937.000 | 814.690 | 122.310 | 15.0 | -.26/D | <<<- |
| 45 | 22 Jun 1993 | B | 6.860 | .690 | 1247.83 | 861.000 | 760.807 | 100.193 | 13.2 | -.22/D | <<<- |
| 46 | 24 Jun 1993 | B | 6.700 | .680 | 1236.76 | 841.000 | 691.760 | 149.240 | 21.6 | -.34/D | <<<<- |
| 47 | 25 Jun 1993 | B | 6.620 | .650 | 1227.69 | 798.000 | 658.437 | 139.563 | 21.2 | -.32/D | <<<<- |
| 48 | 27 Jun 1993 | B | 6.530 | .620 | 1185.48 | 735.000 | 621.908 | 113.092 | 18.2 | -.27/D | <<<- |
| 49 | 30 Jun 1993 | B | 6.410 | .600 | 1166.67 | 700.000 | 574.784 | 125.216 | 21.8 | -.31/D | <<<- |
| 50 | 2 Jul 1993 | B | 6.290 | .560 | 1148.21 | 643.000 | 529.470 | 113.530 | 21.4 | -.29/D | <<<- |
| 51 | 4 Jul 1993 | B | 5.900 | .430 | 1076.74 | 463.000 | 394.753 | 68.247 | 17.3 | -.20/D | <<- |
| 52 | 5 Jul 1993 | B | 5.800 | .400 | 1055.00 | 422.000 | 363.314 | 58.686 | 16.2 | -.18/D | <<- |
| 53 | 8 Jul 1993 | B | 5.680 | .430 | 1020.93 | 439.000 | 327.268 | 111.732 | 34.1 | -.35/D | <<<<- |
| 54 | 9 Jul 1993 | B | 5.850 | .520 | 1053.85 | 548.000 | 378.874 | 169.126 | 44.6 | -.49/D | <<<<- |
| 55 | 11 Jul 1993 | B | 5.560 | .430 | 1002.33 | 431.000 | 293.058 | 137.942 | 47.1 | -.45/D | <<<<- |
| 56 | 12 Jul 1993 | B | 5.400 | .390 | 987.18 | 385.000 | 250.313 | 134.687 | 53.8 | -.47/D | <<<<- |
| 57 | 13 Jul 1993 | B | 5.310 | .350 | 971.43 | 340.000 | 227.712 | 112.288 | 49.3 | -.41/D | <<<<- |
| 58 | 15 Jul 1993 | B | 5.100 | .330 | 927.27 | 306.000 | 179.039 | 126.961 | 70.9 | -.51/D | <<<<- |
| 59 | 20 Jul 1993 | ? | 5.260 | .450 | 966.67 | 435.000 | 215.607 | 219.393 | 101.8 | -.76/D | <<<<- |
| 60 | 23 Jul 1993 | ? | 4.820 | .340 | 888.24 | 302.000 | 123.036 | 178.964 | 145.5 | -.77/D | <<<<- |
| 61 | 24 Jul 1993 | A | 4.710 | .360 | 861.11 | 310.000 | 103.835 | 206.165 | 198.6 | -.91/D | <<<<- |
| 62 | 31 Jul 1993 | A | 4.410 | .300 | 823.33 | 247.000 | 59.572 | 187.428 | 314.6 | -.98/D | <<<<- |
| 63 | 7 Aug 1993 | A | 4.240 | .270 | 762.96 | 206.000 | 39.803 | 166.197 | 417.6 | -.98/D | <<<<- |
| 64 | 14 Aug 1993 | A | 4.260 | .280 | 778.57 | 218.000 | 41.928 | 176.072 | 419.9 | -1.01/D | <<<<- |
| 65 | 21 Aug 1993 | A | 4.190 | .300 | 773.33 | 232.000 | 34.727 | 197.273 | 568.1 | -1.14/D | <<<<- |
| 66 | 28 Aug 1993 | A | 4.170 | .250 | 764.00 | 191.000 | 32.791 | 158.209 | 482.5 | -.98/D | <<<<- |
| 67 | 2 Sep 1993 | C | 4.290 | .330 | 784.85 | 259.000 | 276.571 | -17.571 | -6.4 | .08/C | -> |
| 68 | 5 Sep 1993 | C | 4.590 | .400 | 840.00 | 336.000 | 346.391 | -10.391 | -3.0 | .04/C | -> |
| 69 | 6 Sep 1993 | C | 4.640 | .400 | 855.00 | 342.000 | 358.647 | -16.647 | -4.6 | .07/C | -> |
| 70 | 8 Sep 1993 | C | 4.820 | .470 | 893.62 | 420.000 | 404.202 | 15.798 | 3.9 | -.06/C | <- |
| 71 | 13 Sep 1993 | C | 4.560 | .390 | 828.21 | 323.000 | 339.121 | -16.121 | -4.8 | .07/C | -> |
| 72 | 15 Sep 1993 | C | 4.400 | .370 | 797.30 | 295.000 | 301.424 | -6.424 | -2.1 | .03/C | -> |
| 73 | 23 Sep 1993 | C | 4.460 | .380 | 813.16 | 309.000 | 315.347 | -6.347 | -2.0 | .03/C | -> |
| 74 | 2 Oct 1993 | C | 4.460 | .430 | 781.40 | 336.000 | 315.347 | 20.653 | 6.5 | -.09/C | <- |
| 75 | 7 Oct 1993 | C | 4.680 | .440 | 868.18 | 382.000 | 368.577 | 13.423 | 3.6 | -.05/C | <- |
| 76 | 11 Oct 1993 | C | 4.750 | .480 | 864.58 | 415.000 | 386.221 | 28.779 | 7.5 | -.11/C | <- |
| 77 | 14 Oct 1993 | C | 4.600 | .410 | 821.95 | 337.000 | 348.828 | -11.828 | -3.4 | .05/C | -> |
| 78 | 22 Oct 1993 | C | 4.380 | .490 | 663.27 | 325.000 | 296.840 | 28.160 | 9.5 | -.12/C | <<- |
| 79 | 25 Oct 1993 | C | 4.520 | .420 | 802.38 | 337.000 | 329.527 | 7.473 | 2.3 | -.03/C | <- |
| 80 | 29 Oct 1993 | C | 4.740 | .460 | 852.17 | 392.000 | 383.680 | 8.320 | 2.2 | -.03/C | <- |
| 81 | 31 Oct 1993 | C | 4.870 | .480 | 852.08 | 409.000 | 417.249 | -8.249 | -2.0 | .03/C | -> |
| 82 | 1 Nov 1993 | C | 4.960 | .490 | 891.84 | 437.000 | 441.161 | -4.161 | -0.9 | .02/C | - |
| 83 | 4 Nov 1993 | C | 5.190 | .530 | 915.09 | 485.000 | 504.722 | -19.722 | -3.9 | .07/C | -> |

 Institute of Hydrology
 River gaugings for station 16497 : River Syr Darya at Keles

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | Discharge | | | Stage | | |
|--------------|-------------|--------|-----------|----------------|-------------|-------------------|---------------------|----------|-------|--------|----|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | (cumecs) | Δ | (m) | |
| 84 | 9 Nov 1993 | C | 5.470 | .590 | 972.88 | 574.000 | 586.762 | -12.762 | -2.2 | .04/C | -> |
| 85 | 14 Nov 1993 | C | 5.500 | .620 | 972.58 | 603.000 | 595.851 | 7.149 | 1.2 | -.02/C | <- |
| 86 | 22 Nov 1993 | C | 6.130 | .790 | 1063.29 | 840.000 | 799.669 | 40.331 | 5.0 | -.12/C | <- |
| 87 | 30 Nov 1993 | C | 6.220 | .780 | 1084.62 | 846.000 | 830.765 | 15.235 | 1.8 | -.04/C | <- |
| 88 | 1 Dec 1993 | C | 6.340 | .780 | 1126.92 | 879.000 | 872.977 | 6.023 | .7 | -.02/C | - |
| 89 | 2 Dec 1993 | C | 6.440 | .790 | 1125.32 | 889.000 | 908.806 | -19.806 | -2.2 | .06/C | -> |
| 90 | 8 Dec 1993 | C | 6.230 | .750 | 1057.33 | 793.000 | 834.250 | -41.250 | -4.9 | .12/C | -> |
| 91 | 10 Dec 1993 | C | 6.560 | .820 | 1146.34 | 940.000 | 952.576 | -12.576 | -1.3 | .03/C | -> |
| 92 | 12 Dec 1993 | C | 6.170 | .740 | 1072.97 | 794.000 | 813.430 | -19.430 | -2.4 | .06/C | -> |
| 93 | 14 Dec 1993 | + | 6.620 | .820 | 1173.17 | 962.000 | 974.777 | -12.777 | -1.3 | .03/C | -> |
| 94 | 18 Dec 1993 | + | 6.770 | .870 | 1195.40 | 1040.000 | 1031.190 | 8.810 | .9 | -.02/C | <- |
| 95 | 21 Dec 1993 | + | 6.930 | .900 | 1255.56 | 1130.000 | 1092.789 | 37.211 | 3.4 | -.09/C | <- |
| 96 | 26 Dec 1993 | + | 6.840 | .930 | 1150.54 | 1070.000 | 1057.959 | 12.041 | 1.1 | -.03/C | <- |

Total number of gaugings = 96 (998 maximum)

River Syr Darya at Keles



Institute of Hydrology

 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 16497 Name : Rivr Syr Darya at Keles

Basin number : 0 Latitude : 0: 0: 0 Longitude : 0: 0: 0 Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|----------|----------|
| 1 | - | 600.11 | 1020.36 | 979.38 | 866.40 | 1346.18 | 640.40 | 234.60 | 221.27 | 327.15 | 436.81 | 883.26 |
| 2 | - | 602.57 | 1036.03 | 941.22 | 834.92 | 1377.42 | 607.80 | 228.88 | 276.02 | 321.52 | 443.53 | 906.55 |
| 3 | - | 600.11 | 1060.66 | 899.79 | 830.95 | 1379.72 | 555.74 | 227.73 | 280.22 | 323.29 | 465.68 | 915.60 |
| 4 | - | 612.90 | 1078.00 | 867.55 | 816.37 | 1364.40 | 499.94 | 225.07 | 307.59 | 319.75 | 503.35 | 938.82 |
| 5 | 406.46 | 628.72 | 1094.95 | 848.55 | 809.15 | 1356.02 | 469.35 | 221.65 | 344.94 | 327.75 | 517.93 | 947.98 |
| 6 | 384.91 | 674.37 | 1118.01 | 833.81 | 844.07 | 1381.32 | 461.02 | 216.72 | 361.75 | 343.39 | 526.23 | 944.78 |
| 7 | 376.38 | 727.55 | 1138.69 | 794.85 | 891.54 | 1439.74 | 452.71 | 216.34 | 379.60 | 369.87 | 556.92 | 911.15 |
| 8 | 376.08 | 786.02 | 1138.18 | 755.45 | 937.14 | 1472.24 | 458.39 | 218.43 | 400.98 | 389.74 | 573.99 | 861.08 |
| 9 | 424.13 | 814.86 | 1136.66 | 698.82 | 1040.77 | 1473.83 | 462.04 | 218.05 | 404.20 | 396.14 | 582.24 | 903.48 |
| 10 | 483.36 | 795.86 | 1151.87 | 656.40 | 1139.64 | 1453.94 | 439.57 | 220.89 | 400.34 | 386.55 | 583.37 | 940.21 |
| 11 | 509.18 | 785.51 | 1171.22 | 637.01 | 1180.25 | 1408.44 | 416.39 | 225.26 | 372.42 | 390.37 | 595.10 | 898.12 |
| 12 | 518.56 | 794.96 | 1143.28 | 618.01 | 1199.90 | 1330.55 | 395.13 | 222.22 | 337.37 | 387.83 | 580.44 | 843.08 |
| 13 | 516.60 | 813.94 | 1093.48 | 599.80 | 1226.23 | 1237.86 | 380.55 | 219.57 | 319.48 | 364.88 | 542.67 | 901.31 |
| 14 | 512.68 | 827.59 | 1064.61 | 604.43 | 1278.41 | 1170.61 | 363.83 | 220.13 | 304.02 | 348.53 | 602.11 | 970.67 |
| 15 | 518.95 | 850.53 | 1055.21 | 618.47 | 1324.34 | 1105.71 | 349.17 | 218.81 | 302.58 | 346.39 | 642.17 | 992.50 |
| 16 | 517.00 | 886.21 | 1054.22 | 634.13 | 1352.24 | 1041.13 | 343.43 | 216.53 | 299.13 | 345.48 | 656.71 | 1001.41 |
| 17 | 499.08 | 903.50 | 1055.21 | 651.00 | 1374.35 | 972.66 | 340.47 | 216.91 | 306.62 | 339.43 | 663.45 | 1013.19 |
| 18 | 501.78 | 896.00 | 1064.11 | 654.40 | 1338.08 | 916.48 | 335.93 | 213.88 | 305.75 | 333.71 | 685.05 | 1031.20 |
| 19 | 509.17 | 905.38 | 1085.47 | 641.33 | 1222.27 | 885.61 | 353.92 | 207.65 | 302.58 | 324.19 | 719.19 | 1050.29 |
| 20 | 509.56 | 925.18 | 1106.96 | 626.50 | 1142.27 | 865.80 | 371.19 | 205.76 | 306.33 | 311.27 | 753.97 | 1070.01 |
| 21 | 516.60 | 938.46 | 1131.11 | 618.93 | 1127.18 | 851.41 | 364.23 | 206.14 | 312.43 | 301.43 | 779.23 | 1090.36 |
| 22 | 506.06 | 955.62 | 1138.18 | 657.62 | 1125.83 | 856.57 | 337.33 | 202.93 | 315.64 | 293.99 | 798.39 | 1097.18 |
| 23 | 501.78 | 986.86 | 1140.71 | 800.40 | 1149.07 | 833.29 | 305.13 | 202.18 | 320.05 | 298.86 | 779.33 | 1103.04 |
| 24 | 501.78 | 1012.56 | 1134.64 | 813.14 | 1177.47 | 781.22 | 290.49 | 201.62 | 325.07 | 316.54 | 713.51 | 1097.67 |
| 25 | 505.28 | 1020.84 | 1132.11 | 875.20 | 1214.85 | 755.87 | 282.91 | 204.63 | 330.13 | 328.64 | 742.76 | 1074.36 |
| 26 | 515.83 | 1014.99 | 1141.72 | 868.14 | 1270.33 | 740.53 | 273.03 | 204.25 | 325.37 | 335.22 | 785.61 | 1056.52 |
| 27 | 539.50 | 1009.15 | 1148.31 | 836.07 | 1274.67 | 719.67 | 265.11 | 204.82 | 323.59 | 346.71 | 779.68 | 1054.12 |
| 28 | 565.10 | 1014.50 | 1142.23 | 821.40 | 1272.47 | 709.90 | 258.55 | 202.74 | 329.23 | 361.76 | 742.32 | 1056.04 |
| 29 | 575.61 | | 1133.63 | 844.02 | 1267.36 | 685.59 | 251.25 | 203.31 | 333.71 | 380.54 | 779.72 | 1068.56 |
| 30 | 589.04 | | 1121.02 | 873.92 | 1290.86 | 664.22 | 245.49 | 209.35 | 333.41 | 397.77 | 833.90 | 1073.39 |
| 31 | 594.36 | | 1006.40 | | 1316.10 | | 242.43 | 213.69 | | 421.23 | | 1057.00 |
| Mean | 499.07 | 835.17 | 1104.4 | 752.32 | 1133.4 | 1085.9 | 381.06 | 214.54 | 326.06 | 347.74 | 645.51 | 992.03 |
| Maximum | 594.36 | 1020.8 | 1171.2 | 979.38 | 1374.4 | 1473.8 | 640.4 | 234.6 | 404.2 | 421.23 | 833.9 | 1103.0 |
| Minimum | 376.08 | 600.11 | 1006.4 | 599.8 | 809.15 | 664.22 | 242.43 | 201.62 | 221.27 | 293.99 | 436.81 | 843.08 |
| Runoff | 1336702. | 2020451. | 2958096. | 1950024. | 3035707. | 2814731. | 1020636. | 574625. | 845148. | 931385. | 1673167. | 2657053. |

Flows in cubic metres per second

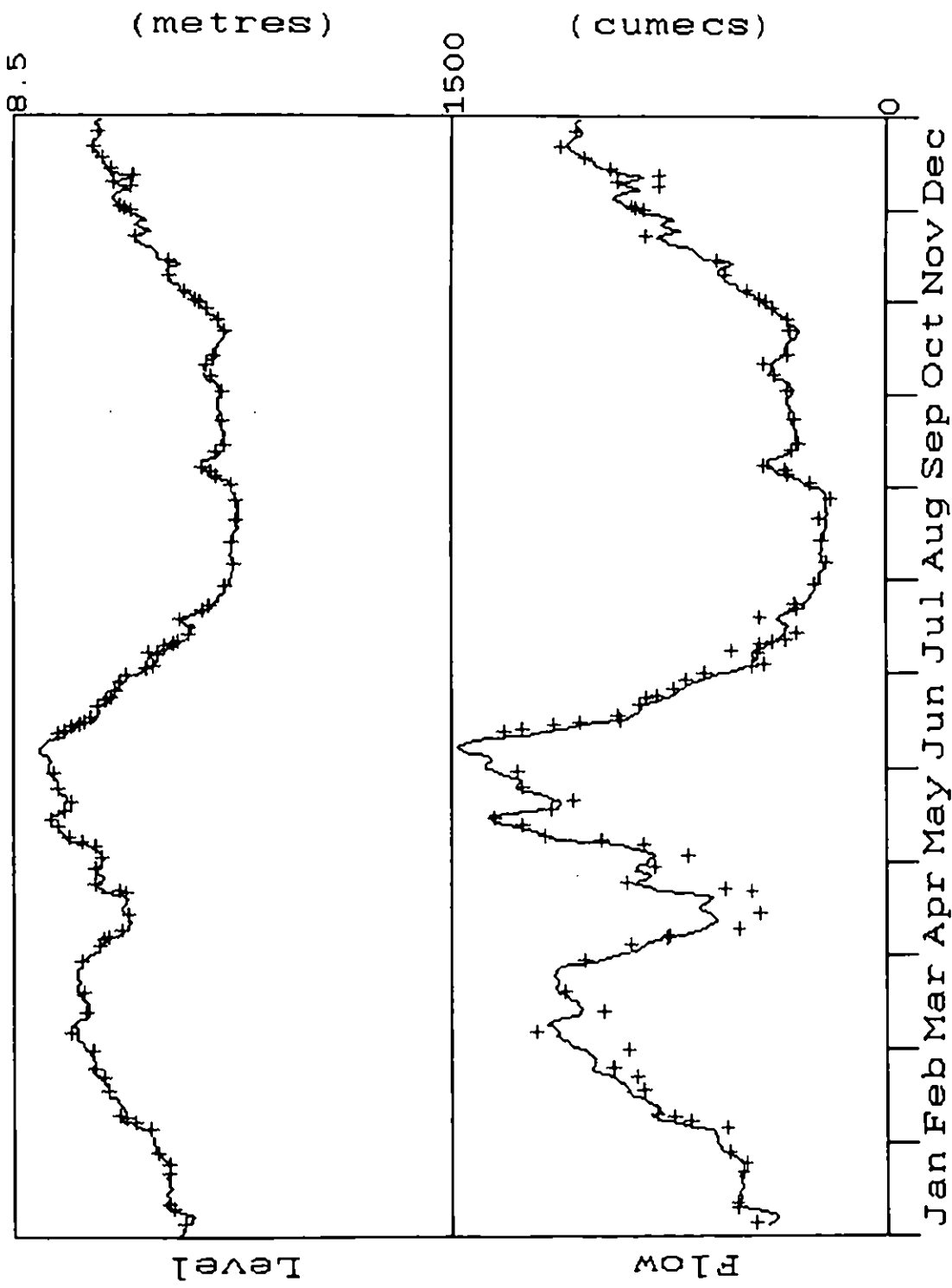
 Annual statistics

Maximum 1473.830 Minimum 201.616 Mean 693.971 cubic metres per second
 Total 21885.080 million cubic metres Runoff ***** millimetres

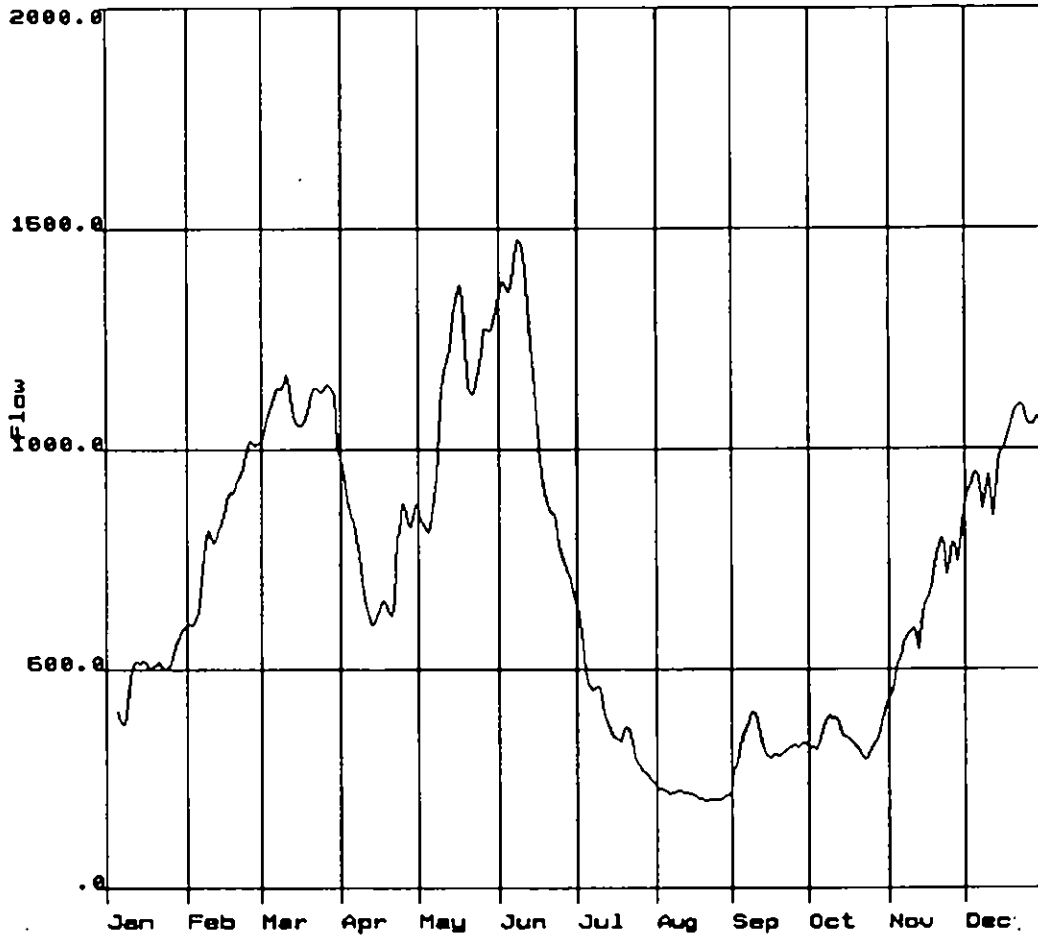
 Possible data flags

Missing - flag "-- Original - no flag set Estimate - flag "e"

016497 Rivr Syr Darya at Keles 1993



Riur Syr Darya at Keles

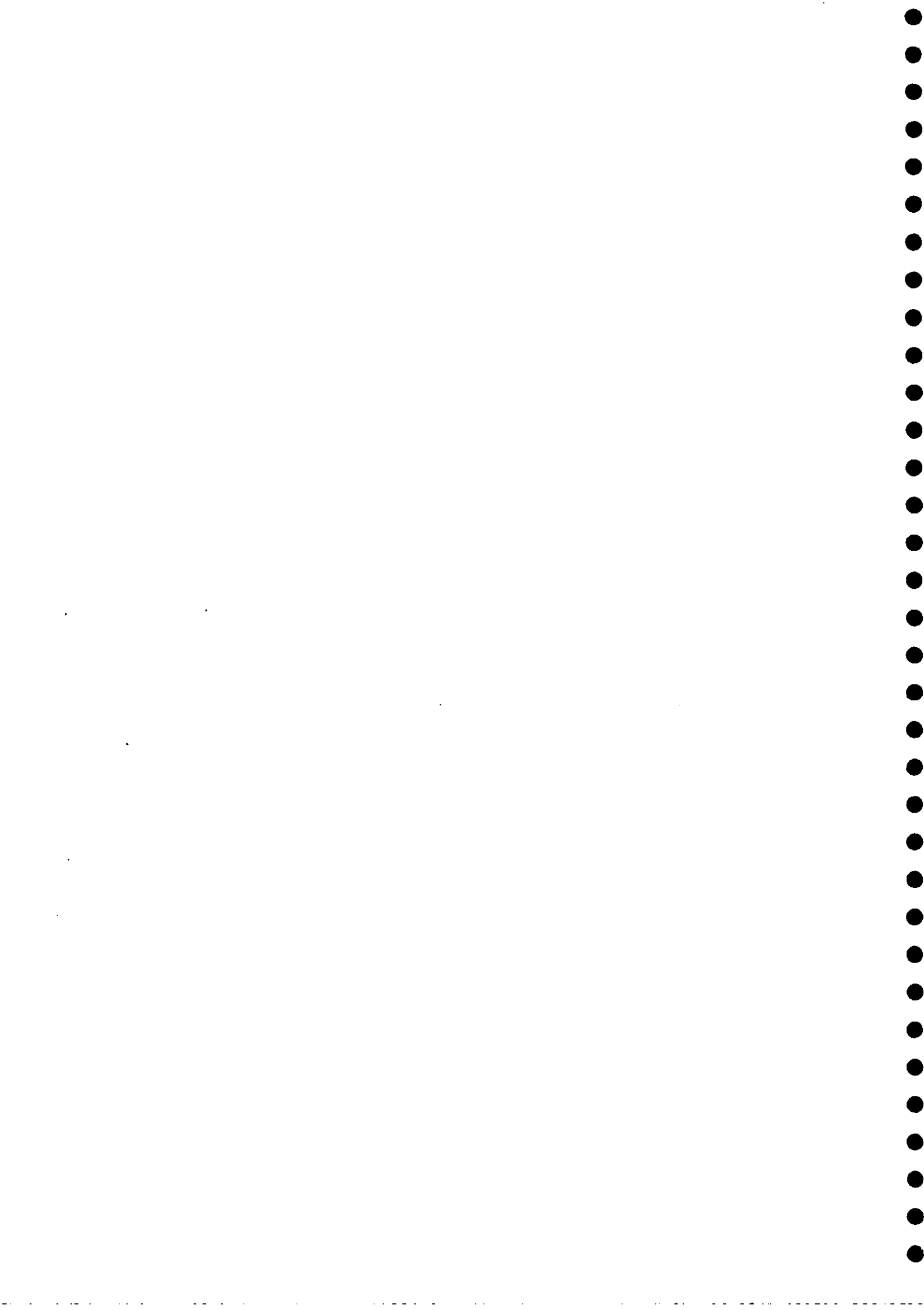


Institute of Hydrology

1993

Flow 16497

Station :16037 Syrdarya - Tumenarik



 Department of water Affairs
 Annual summary of daily data - Stage

Station number : 16035 Name : river Syr Darya at Tumenaarik

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|----|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 4.22 | 5.75 | 4.26 | 5.44 | 5.10 | 6.11 | 5.69 | 5.34 | 5.07 | 4.66 | 4.43 | 4.07 |
| 2 | 4.22 | 5.71 | 4.30 | 5.74 | 5.14 | 6.12 | 5.66 | 5.35 | 5.08 | 4.65 | 4.44 | 4.08 |
| 3 | 4.25 | 5.56 | 4.34 | 5.79 | 5.17 | 6.14 | 5.63 | 5.37 | 5.11 | 4.64 | 4.46 | 4.25 |
| 4 | 4.41 | 4.71 | 4.40 | 5.80 | 5.20 | 6.16 | 5.63 | 5.37 | 5.12 | 4.64 | 4.46 | 4.63 |
| 5 | 4.50 | 4.50 | 4.48 | 5.82 | 5.19 | 6.13 | 5.61 | 5.44 | 5.10 | 4.63 | 4.46 | 4.58 |
| 6 | 4.55 | 4.50 | 4.52 | 5.82 | 5.19 | 6.18 | 5.60 | 5.50 | 5.08 | 4.63 | 4.43 | 4.71 |
| 7 | 4.60 | 4.49 | 4.54 | 5.78 | 5.17 | 6.21 | 5.61 | 5.58 | 5.01 | 4.63 | 4.43 | 4.78 |
| 8 | 4.97 | 4.50 | 4.63 | 5.74 | 5.14 | 6.23 | 5.62 | 5.67 | 4.91 | 4.65 | 4.43 | 4.80 |
| 9 | 5.26 | 4.42 | 4.84 | 5.70 | 5.14 | 6.24 | 5.91 | 5.68 | 4.86 | 4.67 | 4.43 | 4.81 |
| 10 | 5.10 | 4.46 | 4.90 | 5.66 | 5.18 | 6.24 | 5.61 | 5.69 | 4.76 | 4.67 | 4.41 | 4.82 |
| 11 | 5.05 | 4.47 | 4.91 | 5.61 | 5.19 | 6.19 | 5.60 | 5.70 | 4.71 | 4.68 | 4.35 | 4.84 |
| 12 | 5.13 | 4.48 | 4.91 | 5.57 | 5.16 | 6.14 | 5.58 | 5.72 | 4.69 | 4.73 | 4.29 | 4.96 |
| 13 | 5.15 | 4.49 | 5.00 | 5.59 | 5.15 | 6.08 | 5.54 | 5.64 | 4.70 | 4.83 | 4.20 | 4.99 |
| 14 | 5.28 | 4.52 | 5.06 | 5.56 | 5.20 | 6.06 | 5.50 | 5.55 | 4.71 | 4.85 | 4.12 | 5.00 |
| 15 | 5.53 | 4.59 | 5.13 | 5.50 | 5.35 | 6.01 | 5.39 | 5.42 | 4.72 | 4.81 | 4.12 | 5.06 |
| 16 | 5.53 | 4.62 | 5.10 | 5.00 | 5.53 | 5.95 | 5.37 | 5.38 | 4.73 | 4.77 | 4.10 | 5.24 |
| 17 | 5.49 | 4.66 | 5.16 | 4.64 | 5.65 | 5.94 | 5.35 | 5.43 | 4.72 | 4.71 | 4.10 | 5.39 |
| 18 | 5.50 | 4.66 | 5.18 | 4.47 | 5.74 | 5.94 | 5.33 | 5.49 | 4.68 | 4.68 | 4.10 | 5.40 |
| 19 | 5.54 | 4.64 | 5.19 | 4.44 | 5.81 | 5.94 | 5.31 | 5.51 | 4.67 | 4.68 | 4.10 | 5.40 |
| 20 | 5.66 | 4.58 | 5.20 | 4.39 | 5.85 | 5.95 | 5.31 | 5.44 | 4.67 | 4.68 | 4.11 | 5.41 |
| 21 | 5.69 | 4.55 | 5.24 | 4.32 | 5.90 | 5.92 | 5.31 | 5.46 | 4.67 | 4.65 | 4.13 | 5.39 |
| 22 | 5.75 | 4.52 | 5.25 | 4.25 | 5.94 | 5.91 | 5.31 | 5.45 | 4.66 | 4.65 | 4.13 | 5.18 |
| 23 | 5.79 | 4.50 | 5.27 | 4.19 | 5.98 | 5.93 | 5.28 | 5.41 | 4.64 | 4.65 | 4.13 | 5.02 |
| 24 | 5.84 | 4.46 | 5.29 | 4.18 | 6.04 | 5.91 | 5.26 | 5.35 | 4.64 | 4.65 | 4.13 | 4.96 |
| 25 | 5.86 | 4.40 | 5.32 | 4.28 | 6.08 | 5.84 | 5.24 | 5.33 | 4.64 | 4.65 | 4.13 | 4.99 |
| 26 | 5.88 | 4.34 | 5.37 | 4.63 | 6.10 | 5.80 | 5.25 | 5.32 | 4.64 | 4.63 | 4.13 | 5.09 |
| 27 | 5.89 | 4.26 | 5.39 | 4.83 | 6.13 | 5.77 | 5.27 | 5.32 | 4.64 | 4.62 | 4.12 | 5.15 |
| 28 | 5.88 | 4.24 | 5.41 | 4.94 | 6.13 | 5.75 | 5.29 | 5.24 | 4.62 | 4.61 | 4.12 | 5.22 |
| 29 | 5.86 | | 5.44 | 5.03 | 6.11 | 5.75 | 5.31 | 5.16 | 4.62 | 4.56 | 4.11 | 5.25 |
| 30 | 5.82 | | 5.45 | 5.09 | 6.11 | 5.74 | 5.32 | 5.05 | 4.64 | 4.52 | 4.09 | 5.29 |
| 31 | 5.75 | | 5.51 | | 6.11 | | 5.33 | 5.01 | | 4.45 | | 5.33 |

| | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|
| Mean | - | - | - | - | - | - | - | - | - | - | - | - |
| Maximum | - | - | - | - | - | - | - | - | - | - | - | - |
| Minimum | - | - | - | - | - | - | - | - | - | - | - | - |

Daily mean levels in metres

 Annual statistics

Maximum - Minimum - Mean -

 Possible data flags

Missing - flag "-" Original - no flag set Estimate - flag "e"

 Institute of Hydrology
 River gaugings for station 16035 : River Syr Darya at Tumenarik

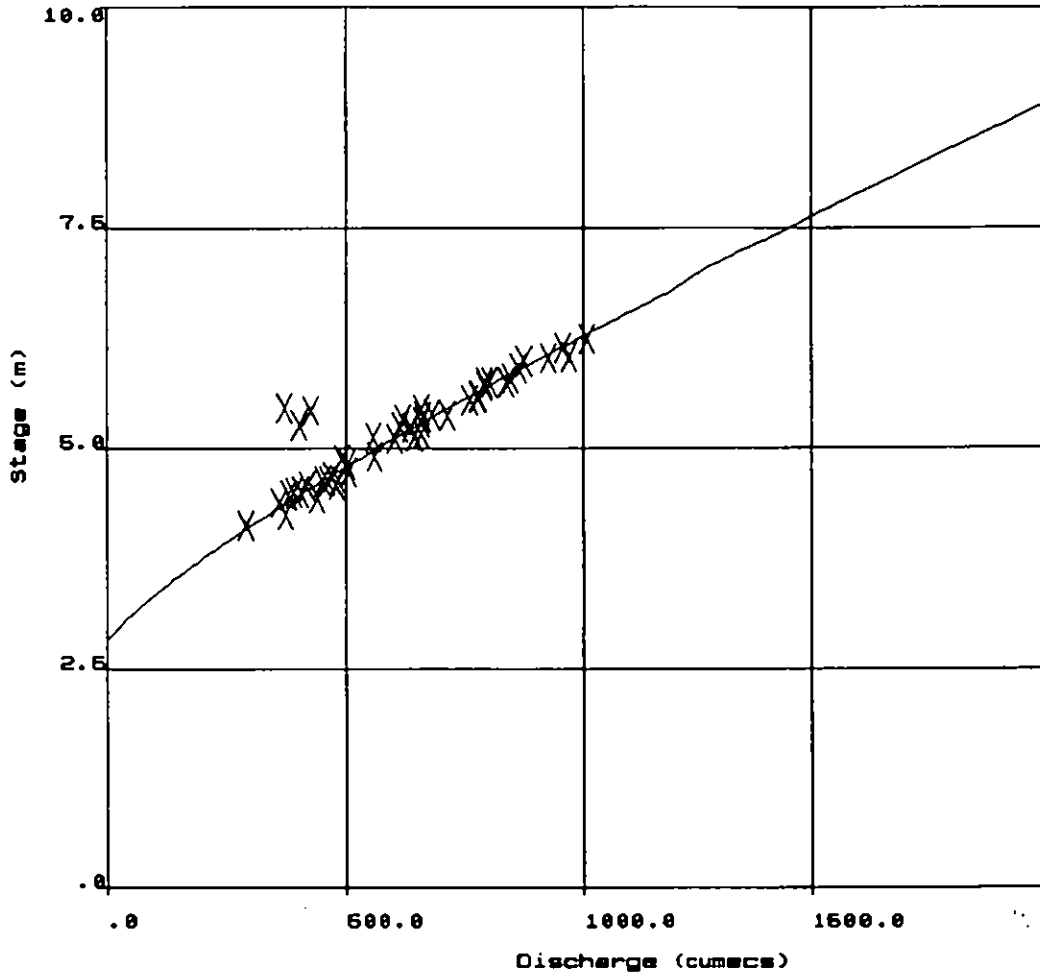
| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | Plot |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|-----------------|----------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. ‰ | Diff./Rat. (m) | |
| 1 | 28 Jan 1993 | A | 4.870 | .700 | 704.29 | 493.000 | 527.471 | -34.471 | -6.5 | .11/A | -> |
| 2 | 5 Feb 1993 | A | 4.500 | .730 | 553.42 | 404.000 | 413.611 | -9.611 | -2.3 | .03/A | -> |
| 3 | 13 Feb 1993 | A | 4.490 | .720 | 543.06 | 391.000 | 410.609 | -19.609 | -4.8 | .07/A | -> |
| 4 | 20 Feb 1993 | A | 4.570 | .730 | 572.60 | 410.000 | 434.743 | -16.743 | -3.9 | .06/A | -> |
| 5 | 27 Feb 1993 | A | 4.250 | .760 | 493.42 | 375.000 | 339.850 | 35.150 | 10.3 | -.12/A | <<- |
| 6 | 4 Mar 1993 | A | 4.380 | .720 | 501.39 | 361.000 | 377.863 | -16.863 | -4.5 | .06/A | -> |
| 7 | 10 Mar 1993 | A | 4.900 | .820 | 684.15 | 561.000 | 536.927 | 24.073 | 4.5 | -.08/A | <- |
| 8 | 16 Mar 1993 | A | 5.120 | .910 | 614.29 | 559.000 | 607.219 | -48.219 | -7.9 | .15/A | ->> |
| 9 | 22 Mar 1993 | A | 5.240 | .960 | 641.67 | 616.000 | 646.236 | -30.236 | -4.7 | .09/A | -> |
| 10 | 29 Mar 1993 | A | 5.440 | 1.000 | 659.00 | 659.000 | 712.263 | -53.263 | -7.5 | .16/A | ->> |
| 11 | 4 Apr 1993 | A | 5.800 | 1.120 | 756.25 | 847.000 | 834.058 | 12.942 | 1.6 | -.04/A | <- |
| 12 | 8 Apr 1993 | A | 5.750 | 1.060 | 758.49 | 804.000 | 816.926 | -12.926 | -1.6 | .04/A | -> |
| 13 | 12 Apr 1993 | A | 5.570 | 1.100 | 707.27 | 778.000 | 755.822 | 22.178 | 2.9 | -.07/A | <- |
| 14 | 19 Apr 1993 | A | 4.440 | .780 | 562.82 | 439.000 | 395.660 | 43.340 | 11.0 | -.14/A | <<- |
| 15 | 26 Apr 1993 | A | 4.580 | .860 | 560.47 | 482.000 | 437.778 | 44.222 | 10.1 | -.14/A | <<- |
| 16 | 3 May 1993 | A | 5.170 | .970 | 680.41 | 660.000 | 623.420 | 36.580 | 5.9 | -.11/A | <- |
| 17 | 9 May 1993 | A | 5.140 | .980 | 659.18 | 646.000 | 613.690 | 32.310 | 5.3 | -.10/A | <- |
| 18 | 15 May 1993 | A | 5.370 | 1.050 | 680.95 | 715.000 | 689.015 | 25.985 | 3.8 | -.08/A | <- |
| 19 | 18 May 1993 | A | 5.750 | 1.110 | 756.76 | 840.000 | 816.926 | 23.074 | 2.8 | -.07/A | <- |
| 20 | 23 May 1993 | A | 5.990 | 1.080 | 811.11 | 876.000 | 899.765 | -23.765 | -2.6 | .07/A | -> |
| 21 | 24 May 1993 | A | 6.040 | 1.160 | 837.07 | 971.000 | 917.212 | 53.788 | 5.9 | -.15/A | <<- |
| 22 | 3 Jun 1993 | A | 6.140 | 1.140 | 838.60 | 956.000 | 952.295 | 3.705 | .4 | -.01/A | - |
| 23 | 9 Jun 1993 | A | 6.240 | 1.230 | 821.14 | 1010.000 | 987.626 | 22.374 | 2.3 | -.06/A | <- |
| 24 | 15 Jun 1993 | A | 6.020 | 1.110 | 834.23 | 926.000 | 910.226 | 15.774 | 1.7 | -.05/A | <- |
| 25 | 22 Jun 1993 | A | 5.910 | 1.060 | 814.15 | 863.000 | 871.984 | -8.984 | -1.0 | .03/A | -> |
| 26 | 29 Jun 1993 | A | 5.750 | 1.050 | 753.33 | 791.000 | 816.926 | -25.926 | -3.2 | .08/A | -> |
| 27 | 6 Jul 1993 | A | 5.600 | 1.030 | 755.34 | 778.000 | 765.943 | 12.057 | 1.6 | -.04/A | <- |
| 28 | 13 Jul 1993 | A | 5.540 | 1.070 | 712.15 | 762.000 | 745.726 | 16.274 | 2.2 | -.05/A | <- |
| 29 | 19 Jul 1993 | A | 5.300 | .980 | 674.49 | 661.000 | 665.916 | -4.916 | -.7 | .01/A | - |
| 30 | 25 Jul 1993 | A | 5.240 | .990 | 645.45 | 639.000 | 646.236 | -7.236 | -1.1 | .02/A | -> |
| 31 | 3 Aug 1993 | A | 5.360 | 1.000 | 664.00 | 664.000 | 685.706 | -21.706 | -3.2 | .07/A | -> |
| 32 | 11 Aug 1993 | A | 5.700 | 1.120 | 708.04 | 793.000 | 799.862 | -6.862 | -.9 | .02/A | -> |
| 33 | 16 Aug 1993 | A | 5.380 | 1.030 | 661.17 | 681.000 | 692.328 | -11.328 | -1.6 | .03/A | -> |
| 34 | 25 Aug 1993 | A | 5.330 | .960 | 647.92 | 622.000 | 675.797 | -53.797 | -8.0 | .16/A | ->> |
| 35 | 3 Sep 1993 | A | 5.110 | .940 | 644.68 | 606.000 | 603.989 | 2.011 | .3 | -.01/A | - |
| 36 | 10 Sep 1993 | A | 4.730 | .880 | 576.14 | 507.000 | 483.775 | 23.225 | 4.8 | -.07/A | <- |
| 37 | 21 Sep 1993 | A | 4.670 | .810 | 579.01 | 469.000 | 465.271 | 3.729 | .8 | -.01/A | - |
| 38 | 30 Sep 1993 | A | 4.640 | .810 | 598.77 | 485.000 | 456.071 | 28.929 | 6.3 | -.09/A | <- |
| 39 | 7 Oct 1993 | A | 4.630 | .830 | 542.17 | 450.000 | 453.013 | -3.013 | -.7 | .01/A | - |
| 40 | 15 Oct 1993 | A | 4.810 | .870 | 579.31 | 504.000 | 508.656 | -4.656 | -.9 | .01/A | - |
| 41 | 26 Oct 1993 | A | 4.630 | .840 | 551.19 | 463.000 | 453.013 | 9.987 | 2.2 | -.03/A | <- |

 Institute of Hydrology
 River gaugings for station 16035 : River Syr Darya at Tumenarik

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------|-----------------|--------|-------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | (cumecs) | t | (m) | |
| 42 | 3 Nov 1993 | A | 4.460 | .700 | 541.43 | 379.000 | 401.627 | -22.627 | -5.6 | .08/A | -> |
| 43 | 14 Nov 1993 | A | 4.120 | .610 | 478.69 | 292.000 | 302.631 | -10.631 | -3.5 | .04/A | -> |
| 44 | 25 Nov 1993 | A | 4.130 | .590 | 491.53 | 290.000 | 305.464 | -15.464 | -5.1 | .05/A | -> |
| 45 | 17 Dec 1993 | 7 | 5.460 | .620 | 600.00 | 372.000 | 718.933 | -346.933 | -48.3 | 1.10/A | ->>>> |
| 46 | 29 Dec 1993 | 7 | 5.260 | .640 | 628.13 | 402.000 | 652.784 | -250.784 | -38.4 | .80/A | ->>>> |
| 47 | 11 Feb 1994 | 7 | 5.430 | .670 | 635.82 | 426.000 | 708.933 | -282.933 | -39.9 | .89/A | ->>>> |

Total number of gaugings = 47 (998 maximum)

River Syr Darya at Tumenarik



Institute of Hydrology

 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 16035 Name : River Syr Darya at Tumenarik

Basin number : 0 Latitude : 0: 0: 0 Longitude : 0: 0: 0 Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| 1 | - | 815.2 | 343.5 | 727.8 | 602.0 | 942.2 | 797.3 | 679.1 | 589.1 | 461.1 | 393.8 | 289.6 |
| 2 | - | 798.6 | 354.4 | 802.9 | 613.3 | 945.7 | 786.3 | 682.8 | 595.1 | 459.1 | 396.0 | 297.0 |
| 3 | - | 723.7 | 366.8 | 828.9 | 623.4 | 952.3 | 777.4 | 688.2 | 603.2 | 456.5 | 400.9 | 347.7 |
| 4 | - | 503.2 | 384.5 | 834.5 | 631.6 | 957.1 | 775.2 | 691.9 | 606.0 | 455.7 | 401.6 | 436.8 |
| 5 | - | 421.6 | 406.1 | 840.1 | 630.3 | 952.3 | 769.7 | 711.9 | 600.8 | 453.4 | 400.5 | 444.6 |
| 6 | - | 413.2 | 418.9 | 839.2 | 629.1 | 965.5 | 766.8 | 733.2 | 592.3 | 453.0 | 393.8 | 475.3 |
| 7 | - | 411.4 | 428.3 | 827.2 | 623.0 | 976.6 | 769.3 | 759.6 | 570.7 | 453.8 | 392.7 | 497.4 |
| 8 | - | 410.2 | 457.7 | 813.5 | 614.9 | 983.6 | 784.6 | 786.3 | 542.1 | 459.1 | 392.7 | 505.1 |
| 9 | - | 394.2 | 512.2 | 799.9 | 615.3 | 987.2 | 846.6 | 793.1 | 522.4 | 464.5 | 391.9 | 508.7 |
| 10 | - | 400.5 | 535.0 | 785.8 | 625.5 | 985.4 | 781.7 | 796.5 | 495.0 | 465.7 | 385.3 | 512.2 |
| 11 | - | 404.6 | 539.7 | 769.7 | 628.3 | 969.9 | 765.5 | 800.3 | 478.8 | 469.9 | 369.0 | 522.0 |
| 12 | - | 407.6 | 543.7 | 758.3 | 621.0 | 951.9 | 758.4 | 802.4 | 472.6 | 485.7 | 350.4 | 552.4 |
| 13 | - | 411.4 | 567.5 | 760.5 | 619.4 | 933.0 | 745.7 | 779.1 | 474.5 | 511.8 | 325.8 | 564.7 |
| 14 | - | 421.1 | 588.3 | 751.2 | 637.3 | 922.9 | 729.4 | 747.4 | 477.6 | 518.8 | 305.5 | 570.7 |
| 15 | - | 439.3 | 606.4 | 714.1 | 683.7 | 906.3 | 699.4 | 709.4 | 480.7 | 508.7 | 301.9 | 592.7 |
| 16 | - | 450.3 | 604.4 | 574.7 | 739.9 | 888.0 | 689.0 | 696.1 | 483.0 | 495.4 | 297.7 | 645.1 |
| 17 | - | 460.7 | 618.6 | 463.5 | 781.6 | 882.8 | 682.4 | 709.4 | 479.5 | 478.8 | 297.0 | 689.9 |
| 18 | - | 461.4 | 626.3 | 409.9 | 812.7 | 882.4 | 675.8 | 727.3 | 469.5 | 469.5 | 297.0 | 698.5 |
| 19 | - | 454.5 | 629.9 | 394.9 | 836.2 | 882.8 | 670.0 | 731.9 | 465.7 | 468.3 | 297.3 | 699.4 |
| 20 | - | 438.9 | 634.4 | 380.1 | 851.7 | 884.1 | 669.2 | 716.0 | 465.3 | 467.2 | 300.2 | 701.0 |
| 21 | - | 428.7 | 645.0 | 360.2 | 868.1 | 876.3 | 669.2 | 717.7 | 464.9 | 460.3 | 304.8 | 687.8 |
| 22 | - | 420.0 | 649.9 | 340.2 | 882.4 | 873.3 | 668.0 | 714.3 | 461.8 | 459.1 | 305.5 | 628.8 |
| 23 | - | 412.9 | 656.1 | 324.4 | 897.2 | 877.2 | 659.8 | 701.5 | 456.8 | 459.1 | 305.5 | 579.1 |
| 24 | - | 400.9 | 663.0 | 323.7 | 916.3 | 869.8 | 652.8 | 684.1 | 456.1 | 459.1 | 305.5 | 559.5 |
| 25 | - | 383.8 | 673.3 | 357.8 | 930.3 | 849.1 | 647.5 | 676.2 | 456.1 | 458.4 | 305.5 | 568.3 |
| 26 | - | 365.4 | 687.8 | 447.5 | 938.7 | 834.5 | 649.9 | 672.9 | 456.1 | 453.4 | 305.1 | 595.9 |
| 27 | - | 344.9 | 695.6 | 511.4 | 947.5 | 824.2 | 656.1 | 669.2 | 455.3 | 450.0 | 303.0 | 617.3 |
| 28 | 861.2 | 338.4 | 702.7 | 548.8 | 947.9 | 817.8 | 662.6 | 646.2 | 450.7 | 445.4 | 302.3 | 638.1 |
| 29 | 853.8 | | 711.4 | 577.1 | 942.6 | 816.5 | 668.8 | 619.0 | 450.7 | 432.1 | 299.5 | 649.9 |
| 30 | 839.6 | | 717.7 | 595.5 | 941.7 | 811.8 | 672.5 | 587.5 | 456.1 | 418.5 | 294.2 | 662.6 |
| 31 | 819.9 | | 730.2 | | 941.7 | | 675.8 | 575.9 | | 400.5 | | 674.1 |
| Mean | - | 454.88 | 570.94 | 615.45 | 760.47 | 906.75 | 716.86 | 709.87 | 500.94 | 462.96 | 337.39 | 561.68 |
| Maximum | - | 815.22 | 730.22 | 840.07 | 947.9 | 987.18 | 846.59 | 802.42 | 606.01 | 518.83 | 401.63 | 701.04 |
| Minimum | - | 338.4 | 343.48 | 323.66 | 601.97 | 811.8 | 647.46 | 575.87 | 450.72 | 400.51 | 294.16 | 289.59 |
| Runoff | - | 1100444. | 1529217. | 1595237. | 2036837. | 2350299. | 1920033. | 1901325. | 1298445. | 1239998. | 874505. | 1504415. |

Flows in cubic metres per second

 Insufficient data for annual statistics

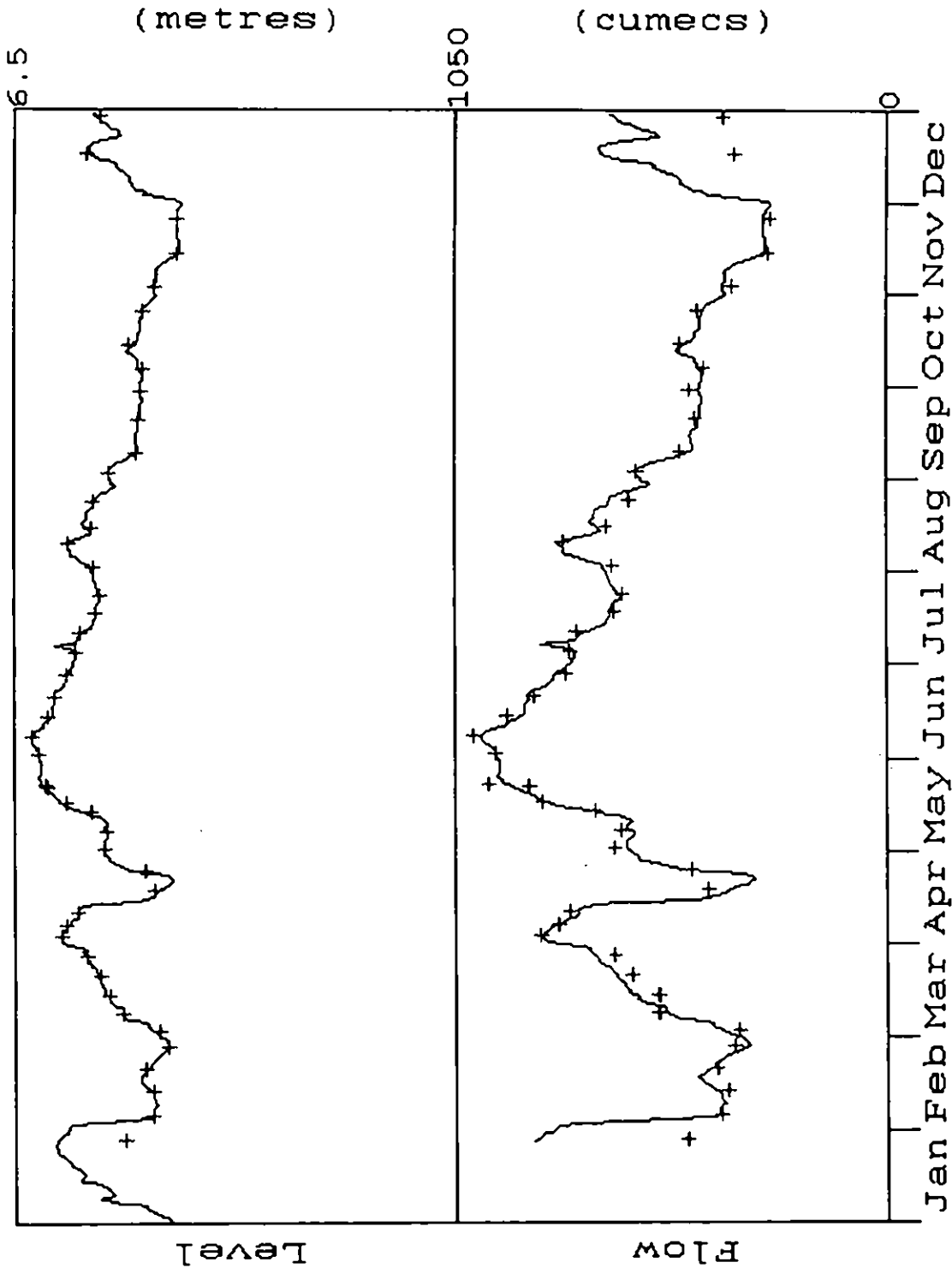
Possible data flags

Missing - flag "--"

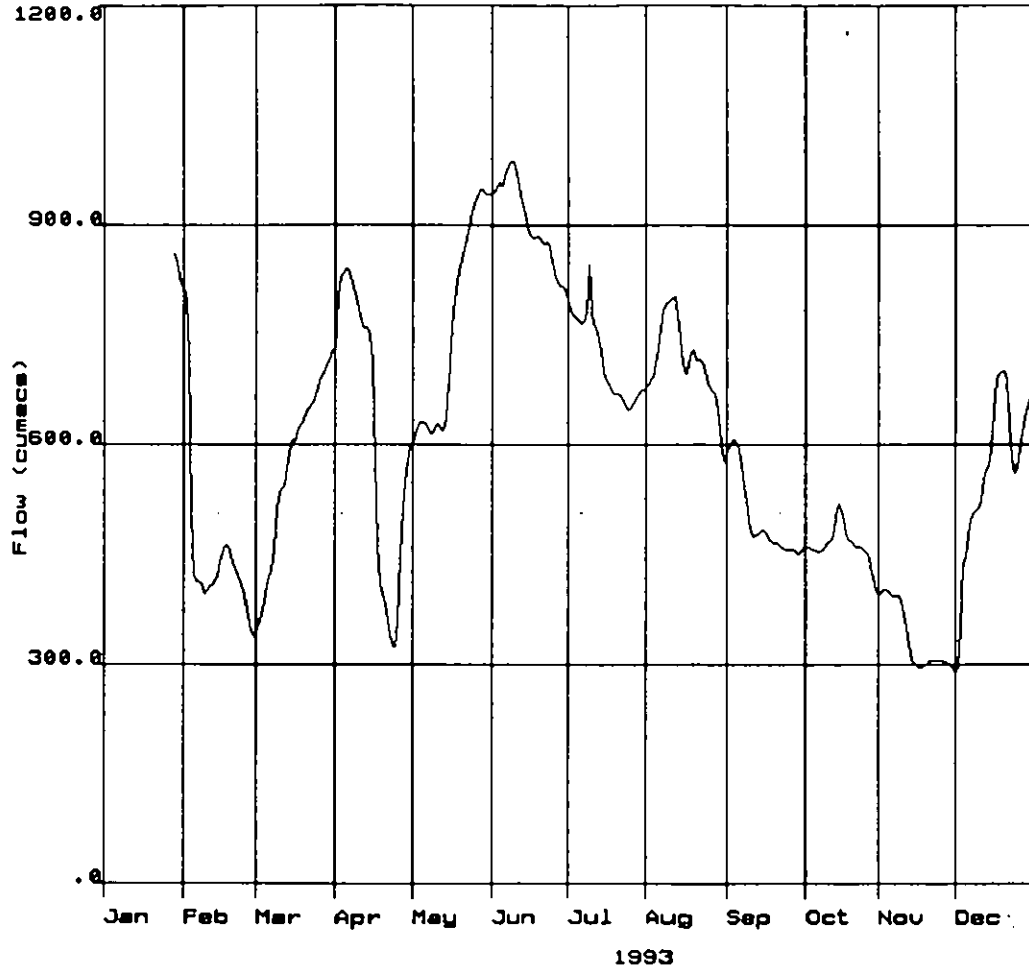
Original - no flag set

Estimate - flag "e"

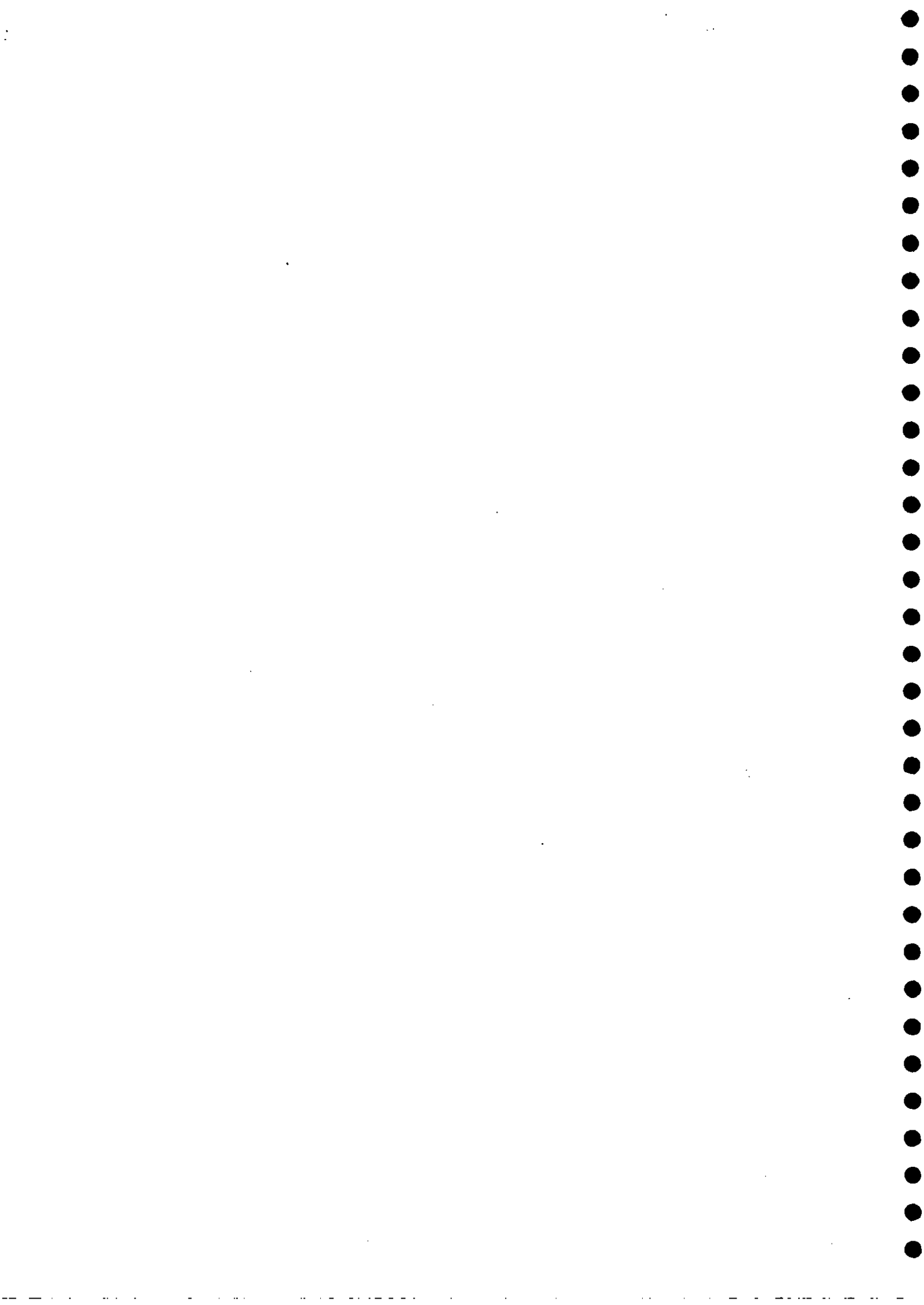
016035 River Syr Darya at Tumenaarik 1993



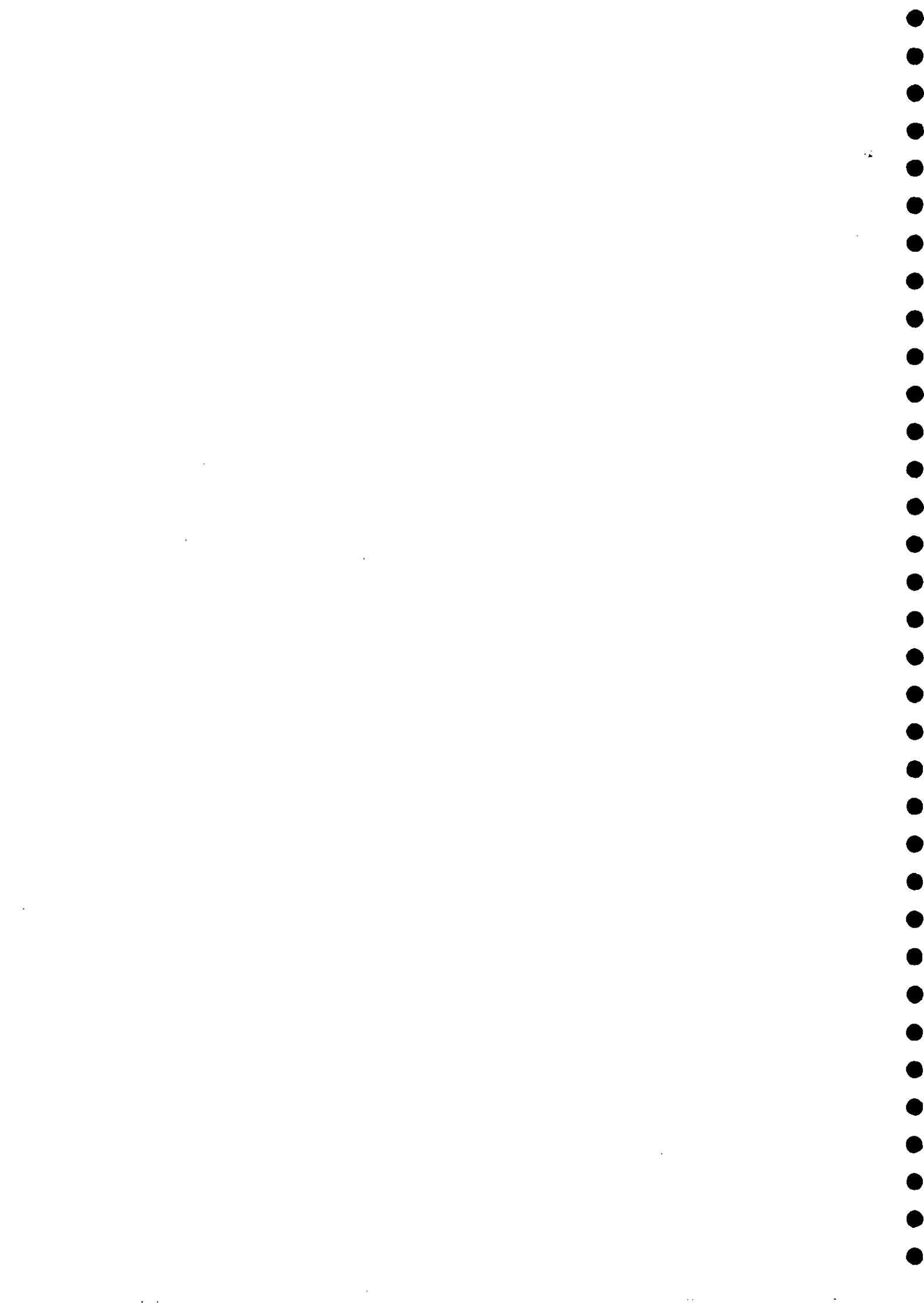
River Syr Darya at Tumenarik



Institute of Hydrology



Station :16350 Aksu - Podgornoe



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 16401 Name : river Aksy at Podgornoe

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|------|------|------|------|------|------|------|------|-----|-----|-----|
| 1 | 1.14 | 1.11 | 1.11 | 1.15 | 1.47 | 1.67 | 1.65 | 1.21 | 1.04 | .92 | .84 | .86 |
| 2 | 1.13 | 1.12 | 1.11 | 1.15 | 1.50 | 1.64 | 1.65 | 1.21 | 1.04 | .92 | .84 | .85 |
| 3 | 1.13 | 1.12 | 1.11 | 1.15 | 1.51 | 1.66 | 1.63 | 1.21 | 1.04 | .92 | .88 | .85 |
| 4 | 1.13 | 1.13 | 1.11 | 1.15 | 1.51 | 1.69 | 1.61 | 1.20 | 1.04 | .92 | .86 | .85 |
| 5 | 1.12 | 1.02 | 1.12 | 1.15 | 1.49 | 1.71 | 1.54 | 1.18 | 1.04 | .92 | .85 | .85 |
| 6 | 1.12 | 1.05 | 1.12 | 1.17 | 1.49 | 1.73 | 1.51 | 1.17 | 1.04 | .92 | .85 | .85 |
| 7 | 1.12 | 1.08 | 1.12 | 1.18 | 1.49 | 1.71 | 1.53 | 1.17 | 1.03 | .91 | .85 | .84 |
| 8 | 1.11 | 1.14 | 1.12 | 1.19 | 1.49 | 1.70 | 1.52 | 1.17 | 1.03 | .91 | .85 | .84 |
| 9 | 1.11 | 1.17 | 1.13 | 1.22 | 1.47 | 1.71 | 1.44 | 1.15 | 1.03 | .91 | .85 | .83 |
| 10 | 1.15 | 1.19 | 1.22 | 1.24 | 1.47 | 1.72 | 1.40 | 1.15 | 1.02 | .91 | .85 | .83 |
| 11 | 1.15 | 1.19 | 1.20 | 1.24 | 1.45 | 1.76 | 1.35 | 1.13 | 1.02 | .90 | .84 | .82 |
| 12 | 1.14 | 1.19 | 1.18 | 1.24 | 1.43 | 1.83 | 1.33 | 1.10 | 1.02 | .90 | .86 | .83 |
| 13 | 1.11 | 1.17 | 1.16 | 1.28 | 1.43 | 1.84 | 1.33 | 1.10 | 1.02 | .90 | .86 | .83 |
| 14 | 1.11 | 1.17 | 1.16 | 1.30 | 1.41 | 1.80 | 1.35 | 1.09 | 1.01 | .90 | .92 | .82 |
| 15 | 1.11 | 1.14 | 1.14 | 1.30 | 1.41 | 1.69 | 1.33 | 1.09 | 1.00 | .90 | .89 | .82 |
| 16 | 1.12 | 1.13 | 1.14 | 1.30 | 1.41 | 1.67 | 1.31 | 1.08 | 1.00 | .88 | .87 | .82 |
| 17 | 1.13 | 1.13 | 1.13 | 1.26 | 1.41 | 1.65 | 1.33 | 1.08 | .98 | .88 | .87 | .82 |
| 18 | 1.11 | 1.13 | 1.13 | 1.28 | 1.41 | 1.63 | 1.35 | 1.07 | .98 | .87 | .86 | .81 |
| 19 | 1.13 | 1.13 | 1.13 | 1.33 | 1.43 | 1.63 | 1.35 | 1.07 | .97 | .87 | .85 | .81 |
| 20 | 1.11 | 1.13 | 1.13 | 1.34 | 1.45 | 1.68 | 1.35 | 1.06 | .97 | .87 | .84 | .81 |
| 21 | 1.11 | 1.12 | 1.13 | 1.38 | 1.47 | 1.80 | 1.37 | 1.06 | .96 | .86 | .85 | .81 |
| 22 | 1.12 | 1.12 | 1.13 | 1.39 | 1.50 | 1.83 | 1.37 | 1.06 | .96 | .86 | .86 | .81 |
| 23 | 1.12 | 1.12 | 1.13 | 1.50 | 1.53 | 1.78 | 1.34 | 1.06 | .96 | .86 | .85 | .80 |
| 24 | 1.11 | 1.11 | 1.13 | 1.55 | 1.53 | 1.69 | 1.28 | 1.06 | .95 | .86 | .85 | .80 |
| 25 | 1.11 | 1.11 | 1.13 | 1.54 | 1.76 | 1.64 | 1.28 | 1.07 | .95 | .86 | .86 | .80 |
| 26 | 1.11 | 1.11 | 1.13 | 1.51 | 1.69 | 1.59 | 1.27 | 1.07 | .94 | .86 | .83 | .81 |
| 27 | 1.11 | 1.11 | 1.13 | 1.51 | 1.68 | 1.61 | 1.24 | 1.06 | .94 | .86 | .84 | .81 |
| 28 | 1.11 | 1.11 | 1.13 | 1.51 | 1.68 | 1.63 | 1.24 | 1.06 | .94 | .85 | .85 | .81 |
| 29 | 1.11 | | 1.14 | 1.47 | 1.68 | 1.65 | 1.24 | 1.05 | .93 | .85 | .87 | .80 |
| 30 | 1.11 | | 1.15 | 1.47 | 1.67 | 1.65 | 1.22 | 1.05 | .93 | .84 | .87 | .80 |
| 31 | 1.11 | | 1.15 | | 1.67 | | 1.22 | 1.04 | | .84 | | .80 |
| Mean | 1.12 | 1.13 | 1.14 | 1.31 | 1.52 | 1.70 | 1.38 | 1.11 | .99 | .88 | .86 | .82 |
| Maximum | 1.15 | 1.19 | 1.22 | 1.55 | 1.76 | 1.84 | 1.65 | 1.21 | 1.04 | .92 | .92 | .86 |
| Minimum | 1.11 | 1.02 | 1.11 | 1.15 | 1.41 | 1.59 | 1.22 | 1.04 | .93 | .84 | .83 | .80 |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

Missing - flag "--"

Original - no flag set

 Institute of Hydrology
 River gaugings for station 16401 : river Aksy at Podgornoe

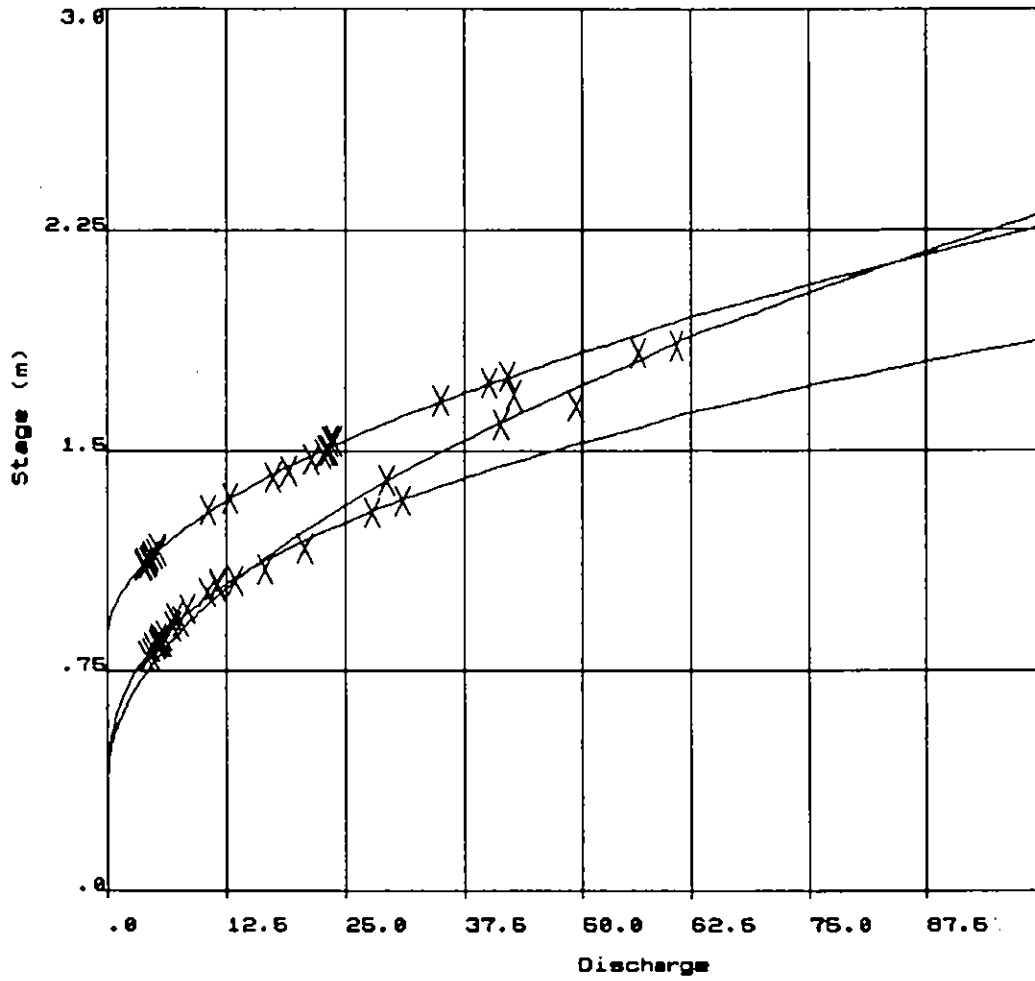
| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|-----------------|------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. % | Diff./Rat. | Plot |
| 1 | 2 Jan 1993 | ? | 1.120 | .740 | 5.15 | 3.810 | | | | | |
| 2 | 13 Jan 1993 | ? | 1.110 | .730 | 5.18 | 3.780 | | | | | |
| 3 | 31 Jan 1993 | B | 1.110 | .700 | 5.23 | 3.660 | 3.698 | -.038 | -1.0 | .00/B | - |
| 4 | 13 Feb 1993 | B | 1.170 | .910 | 5.79 | 5.270 | 5.619 | -.349 | -6.2 | .01/B | - |
| 5 | 21 Feb 1993 | B | 1.120 | .750 | 5.17 | 3.880 | 3.992 | -.112 | -2.8 | .00/B | - |
| 6 | 28 Feb 1993 | B | 1.110 | .730 | 5.26 | 3.840 | 3.698 | .142 | 3.8 | .00/B | - |
| 7 | 4 Mar 1993 | B | 1.120 | .820 | 5.12 | 4.200 | 3.992 | .208 | 5.2 | -.01/B | - |
| 8 | 13 Mar 1993 | B | 1.160 | .930 | 5.75 | 5.350 | 5.273 | .077 | 1.5 | .00/B | - |
| 9 | 21 Mar 1993 | B | 1.130 | .850 | 5.13 | 4.360 | 4.296 | .064 | 1.5 | .00/B | - |
| 10 | 30 Mar 1993 | B | 1.140 | .910 | 4.96 | 4.510 | 4.611 | -.101 | -2.2 | .00/B | - |
| 11 | 5 Apr 1993 | B | 1.150 | .940 | 5.17 | 4.860 | 4.937 | -.077 | -1.6 | .00/B | - |
| 12 | 14 Apr 1993 | B | 1.300 | 1.620 | 6.54 | 10.600 | 11.042 | -.442 | -4.0 | .01/B | - |
| 13 | 20 Apr 1993 | B | 1.340 | 1.730 | 7.46 | 12.900 | 13.049 | -.149 | -1.1 | .00/B | - |
| 14 | 23 Apr 1993 | B | 1.500 | 2.030 | 11.28 | 22.900 | 22.626 | .274 | 1.2 | .00/B | - |
| 15 | 25 Apr 1993 | B | 1.530 | 1.890 | 12.38 | 23.400 | 24.693 | -1.293 | -5.2 | .02/B | - |
| 16 | 30 Apr 1993 | B | 1.470 | 1.980 | 10.81 | 21.400 | 20.644 | .756 | 3.7 | -.01/B | - |
| 17 | 4 May 1993 | B | 1.500 | 2.080 | 11.20 | 23.300 | 22.626 | .674 | 3.0 | -.01/B | - |
| 18 | 5 May 1993 | B | 1.490 | 1.960 | 11.58 | 22.700 | 21.956 | .744 | 3.4 | -.01/B | - |
| 19 | 14 May 1993 | B | 1.410 | 1.770 | 9.89 | 17.500 | 16.937 | .563 | 3.3 | -.01/B | - |
| 20 | 19 May 1993 | B | 1.430 | 1.770 | 10.79 | 19.100 | 18.134 | .966 | 5.3 | -.02/B | - |
| 21 | 24 May 1993 | B | 1.530 | 1.950 | 12.21 | 23.800 | 24.693 | -.893 | -3.6 | .01/B | - |
| 22 | 25 May 1993 | B | 1.750 | 2.420 | 17.40 | 42.100 | 42.403 | -.303 | -.7 | .00/B | - |
| 23 | 30 May 1993 | B | 1.670 | 2.180 | 16.10 | 35.100 | 35.448 | -.348 | -1.0 | .00/B | - |
| 24 | 6 Jun 1993 | B | 1.730 | 2.360 | 16.99 | 40.100 | 40.609 | -.509 | -1.3 | .01/B | - |
| 25 | 12 Jun 1993 | ? | 1.830 | 2.000 | 28.00 | 56.000 | 49.938 | 6.062 | 12.1 | -.06/B | <- |
| 26 | 15 Jun 1993 | C | 1.690 | 2.560 | 16.68 | 42.700 | 47.825 | -5.125 | -10.7 | .07/C | -> |
| 27 | 22 Jun 1993 | C | 1.850 | 2.680 | 22.69 | 60.800 | 59.687 | 1.113 | 1.9 | -.01/C | - |
| 28 | 25 Jun 1993 | C | 1.590 | 2.390 | 17.32 | 41.400 | 41.054 | .346 | .8 | -.01/C | - |
| 29 | 30 Jun 1993 | C | 1.650 | 2.590 | 19.07 | 49.400 | 45.057 | 4.343 | 9.6 | -.06/C | <- |
| 30 | 10 Jul 1993 | C | 1.400 | 2.040 | 14.41 | 29.400 | 29.564 | -.164 | -.6 | .00/C | - |
| 31 | 17 Jul 1993 | D | 1.330 | 2.210 | 14.07 | 31.100 | 30.688 | .412 | 1.3 | .00/D | - |
| 32 | 24 Jul 1993 | D | 1.290 | 2.180 | 12.80 | 27.900 | 27.473 | .427 | 1.6 | -.01/D | - |
| 33 | 5 Aug 1993 | D | 1.170 | 1.980 | 10.51 | 20.800 | 19.148 | 1.652 | 8.6 | -.03/D | <- |
| 34 | 12 Aug 1993 | D | 1.100 | 1.890 | 8.78 | 16.600 | 15.148 | 1.452 | 9.6 | -.03/D | <- |
| 35 | 21 Aug 1993 | D | 1.060 | 1.650 | 8.12 | 13.400 | 13.126 | .274 | 2.1 | -.01/D | - |
| 36 | 29 Aug 1993 | D | 1.050 | 1.650 | 7.03 | 11.600 | 12.650 | -1.050 | -8.3 | .02/D | -> |
| 37 | 5 Sep 1993 | D | 1.040 | 1.700 | 6.76 | 11.500 | 12.184 | -.684 | -5.6 | .02/D | - |
| 38 | 12 Sep 1993 | D | 1.020 | 1.540 | 6.82 | 10.500 | 11.287 | -.787 | -7.0 | .02/D | - |
| 39 | 20 Sep 1993 | D | .960 | 1.470 | 5.67 | 8.330 | 8.853 | -.523 | -5.9 | .01/D | - |
| 40 | 29 Sep 1993 | D | .930 | 1.300 | 5.34 | 6.940 | 7.775 | -.835 | -10.7 | .03/D | -> |
| 41 | 5 Oct 1993 | D | .920 | 1.350 | 5.68 | 7.670 | 7.435 | .235 | 3.2 | -.01/D | - |

 Institute of Hydrology
 River gaugings for station 16401 : river Aksy at Podgornoe

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|-----------------|-------------|--------|--------------|-------------------|----------------|-----------------------|------------------------|----------|-----------------|--------|---|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | (cumecs) | t | (m) | |
| 42 | 15 Oct 1993 | D | .900 | 1.310 | 5.23 | 6.850 | 6.785 | .065 | 1.0 | .00/D | - |
| 43 | 22 Oct 1993 | D | .860 | 1.190 | 4.48 | 5.330 | 5.597 | -.267 | -4.8 | .01/D | - |
| 44 | 30 Oct 1993 | D | .840 | 1.280 | 4.05 | 5.190 | 5.057 | .133 | 2.6 | -.01/D | - |
| 45 | 5 Nov 1993 | D | .850 | 1.310 | 4.44 | 5.820 | 5.322 | .498 | 9.4 | -.02/D | - |
| 46 | 22 Nov 1993 | D | .850 | 1.300 | 4.29 | 5.580 | 5.322 | .258 | 4.8 | -.01/D | - |
| 47 | 30 Nov 1993 | D | .870 | 1.340 | 4.40 | 5.890 | 5.880 | .010 | .2 | .00/D | - |
| 48 | 6 Dec 1993 | D | .850 | 1.280 | 4.16 | 5.320 | 5.322 | -.002 | .0 | .00/D | - |
| 49 | 12 Dec 1993 | D | .830 | 1.270 | 3.65 | 4.640 | 4.800 | -.160 | -3.3 | .01/D | - |
| 50 | 21 Dec 1993 | D | .810 | 1.260 | 3.56 | 4.490 | 4.311 | .179 | 4.1 | -.01/D | - |
| 51 | 30 Dec 1993 | D | .800 | 1.180 | 3.47 | 4.100 | 4.080 | .020 | .5 | .00/D | - |

Total number of gaugings = 51 (998 maximum)

river Aksy at Podgornoe



Institute of Hydrology

 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 16401 Name : river Aksu at Podgornoe

Basin number : 0 Latitude : 0: 0: 0 Longitude : 0: 0: 0 Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|-----|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| 1 | - | 3.7 | 3.7 | 4.9 | 20.9 | 35.1 | 45.1 | 21.8 | 12.2 | 7.5 | 5.1 | 5.6 |
| 2 | - | 4.0 | 3.7 | 4.9 | 22.5 | 33.5 | 44.9 | 21.7 | 12.2 | 7.4 | 5.2 | 5.4 |
| 3 | - | 4.0 | 3.7 | 4.9 | 23.2 | 34.7 | 43.7 | 21.6 | 12.2 | 7.4 | 6.0 | 5.3 |
| 4 | - | 3.9 | 3.7 | 4.9 | 23.1 | 37.0 | 42.0 | 21.0 | 12.2 | 7.4 | 5.6 | 5.3 |
| 5 | - | 1.9 | 4.0 | 5.0 | 22.1 | 38.9 | 38.2 | 19.8 | 12.2 | 7.4 | 5.4 | 5.3 |
| 6 | - | 2.2 | 4.0 | 5.6 | 22.0 | 40.2 | 36.4 | 19.2 | 12.1 | 7.4 | 5.3 | 5.3 |
| 7 | - | 3.0 | 4.0 | 6.0 | 22.0 | 39.0 | 37.0 | 19.1 | 11.8 | 7.1 | 5.3 | 5.1 |
| 8 | - | 4.5 | 4.0 | 6.4 | 21.8 | 38.2 | 36.1 | 19.0 | 11.7 | 7.1 | 5.3 | 5.0 |
| 9 | - | 5.6 | 4.6 | 7.5 | 20.8 | 38.9 | 32.1 | 18.1 | 11.7 | 7.1 | 5.3 | 4.8 |
| 10 | - | 6.3 | 7.0 | 8.2 | 20.5 | 40.1 | 29.5 | 17.8 | 11.3 | 7.1 | 5.3 | 4.8 |
| 11 | - | 6.3 | 6.7 | 8.3 | 19.4 | 43.7 | 27.0 | 16.7 | 11.3 | 6.8 | 5.2 | 4.6 |
| 12 | - | 6.3 | 6.0 | 8.5 | 18.3 | 49.2 | 25.9 | 15.4 | 11.3 | 6.8 | 5.5 | 4.8 |
| 13 | - | 5.7 | 5.4 | 10.0 | 18.0 | 50.3 | 25.9 | 15.1 | 11.2 | 6.8 | 5.8 | 4.8 |
| 14 | - | 5.5 | 5.2 | 10.9 | 17.1 | 46.3 | 26.6 | 14.7 | 10.9 | 6.8 | 7.1 | 4.6 |
| 15 | - | 4.7 | 4.7 | 11.0 | 16.9 | 48.6 | 25.8 | 14.6 | 10.5 | 6.7 | 6.5 | 4.6 |
| 16 | - | 4.3 | 4.6 | 10.8 | 16.9 | 46.4 | 25.0 | 14.2 | 10.3 | 6.2 | 6.0 | 4.6 |
| 17 | - | 4.3 | 4.3 | 9.5 | 16.9 | 45.1 | 30.7 | 14.1 | 9.7 | 6.1 | 5.8 | 4.5 |
| 18 | - | 4.3 | 4.3 | 10.3 | 17.1 | 43.9 | 32.2 | 13.7 | 9.6 | 5.9 | 5.6 | 4.3 |
| 19 | - | 4.3 | 4.3 | 12.3 | 18.1 | 44.1 | 32.4 | 13.6 | 9.3 | 5.9 | 5.3 | 4.3 |
| 20 | - | 4.3 | 4.3 | 13.3 | 19.4 | 47.8 | 32.6 | 13.2 | 9.2 | 5.8 | 5.1 | 4.3 |
| 21 | - | 4.0 | 4.3 | 15.0 | 20.7 | 55.0 | 33.9 | 13.1 | 8.9 | 5.6 | 5.3 | 4.3 |
| 22 | - | 4.0 | 4.3 | 16.5 | 22.6 | 57.4 | 33.8 | 13.1 | 8.9 | 5.6 | 5.5 | 4.3 |
| 23 | - | 4.0 | 4.3 | 22.2 | 24.4 | 54.0 | 31.2 | 13.1 | 8.8 | 5.6 | 5.4 | 4.1 |
| 24 | - | 3.7 | 4.3 | 25.6 | 26.9 | 48.2 | 27.3 | 13.2 | 8.5 | 5.6 | 5.4 | 4.1 |
| 25 | - | 3.7 | 4.3 | 25.2 | 40.0 | 44.4 | 26.6 | 13.6 | 8.4 | 5.6 | 5.5 | 4.1 |
| 26 | - | 3.7 | 4.3 | 23.6 | 37.8 | 41.6 | 25.8 | 13.6 | 8.2 | 5.6 | 4.9 | 4.3 |
| 27 | - | 3.7 | 4.3 | 23.3 | 36.4 | 42.4 | 24.0 | 13.2 | 8.1 | 5.6 | 5.1 | 4.3 |
| 28 | - | 3.7 | 4.3 | 23.0 | 36.3 | 43.7 | 23.8 | 13.1 | 8.1 | 5.4 | 5.4 | 4.3 |
| 29 | - | | 4.6 | 21.0 | 36.2 | 44.9 | 23.6 | 12.7 | 7.8 | 5.3 | 5.8 | 4.1 |
| 30 | - | | 4.9 | 20.6 | 35.6 | 45.1 | 22.6 | 12.6 | 7.7 | 5.1 | 5.8 | 4.1 |
| 31 | 3.7 | | 4.9 | | 35.4 | | 22.3 | 12.2 | | 5.1 | | 4.1 |
| Mean | - | 4.2665 | 4.5482 | 12.646 | 24.171 | 43.914 | 31.092 | 15.733 | 10.209 | 6.3521 | 5.5239 | 4.6217 |
| Maximum | - | 6.342 | 6.977 | 25.584 | 40.047 | 57.369 | 45.057 | 21.794 | 12.184 | 7.477 | 7.072 | 5.597 |
| Minimum | - | 1.913 | 3.698 | 4.937 | 16.937 | 33.497 | 22.298 | 12.242 | 7.732 | 5.057 | 4.929 | 4.08 |
| Runoff | - | 10321. | 12182. | 32778. | 64740. | 113825. | 83278. | 42140. | 26461. | 17013. | 14318. | 12379. |

Flows in cubic metres per second

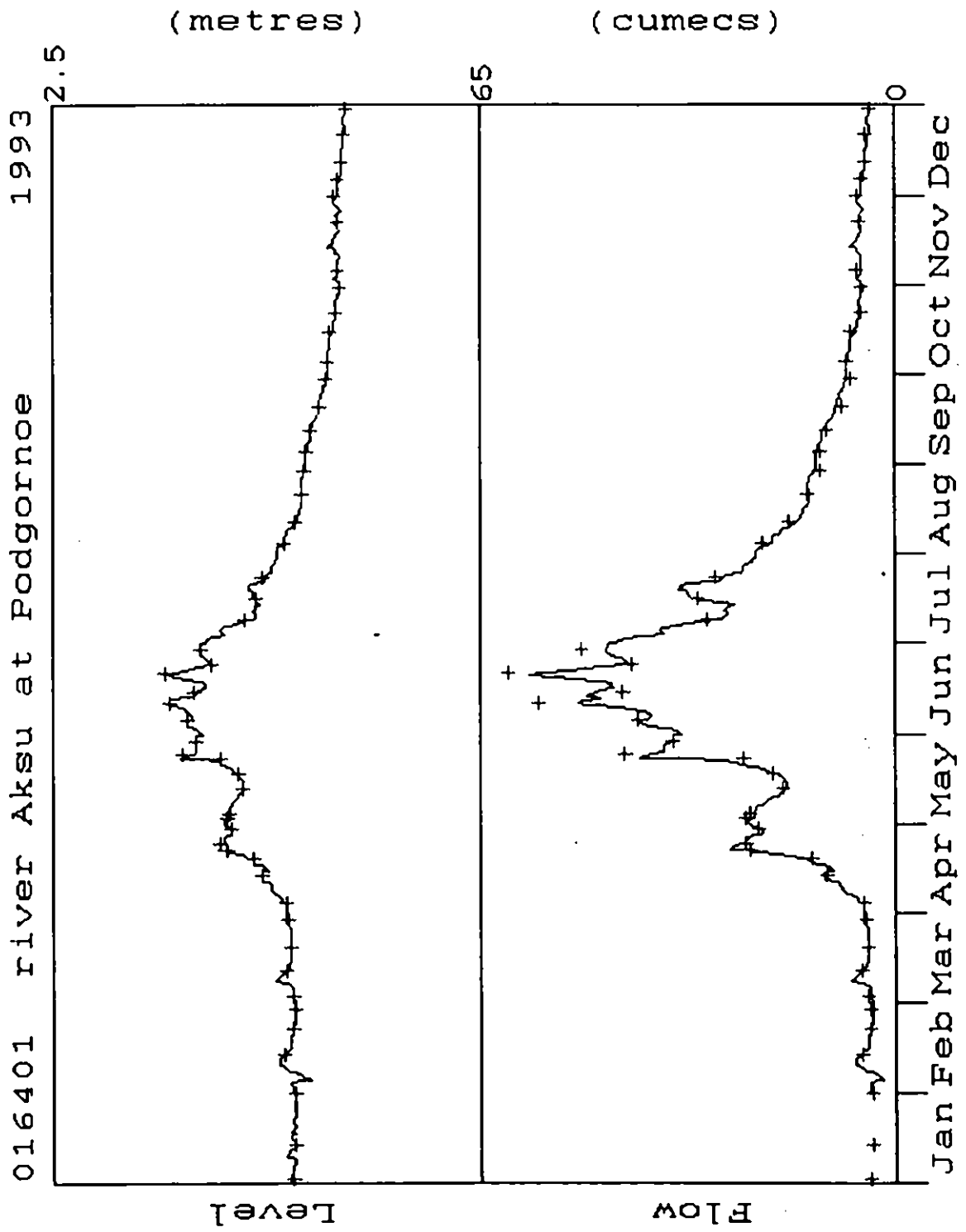
 Insufficient data for annual statistics

Possible data flags

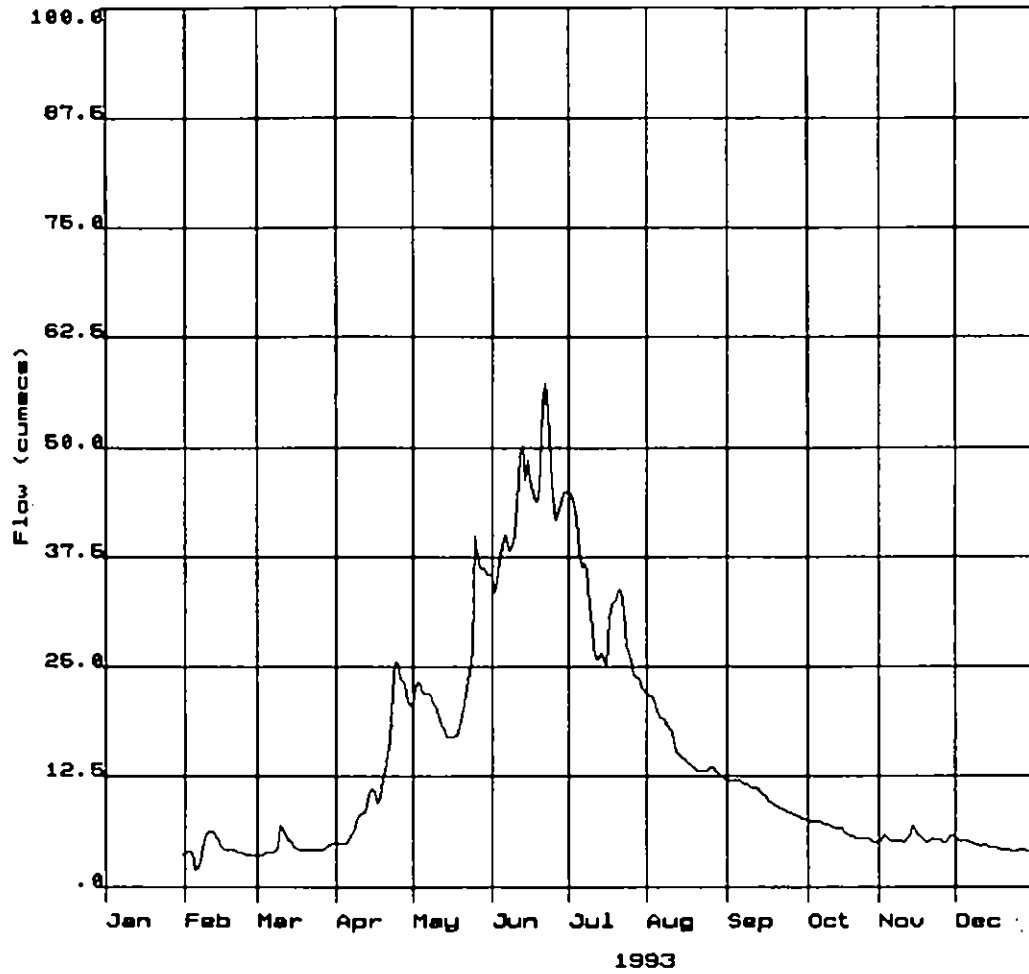
Missing - flag "--"

Original - no flag set

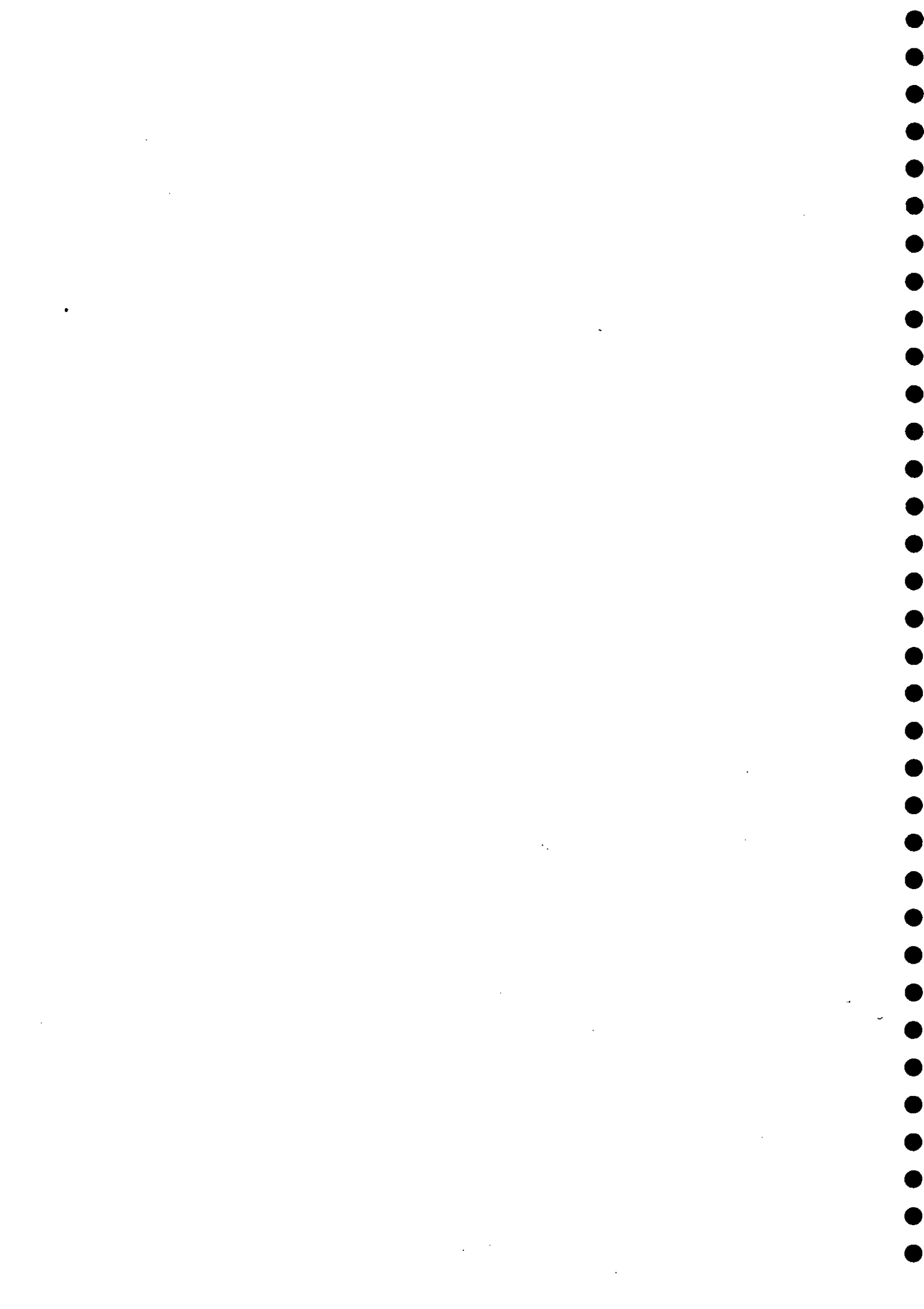
Estimate - flag "e"



River Aksu at Podgornoe

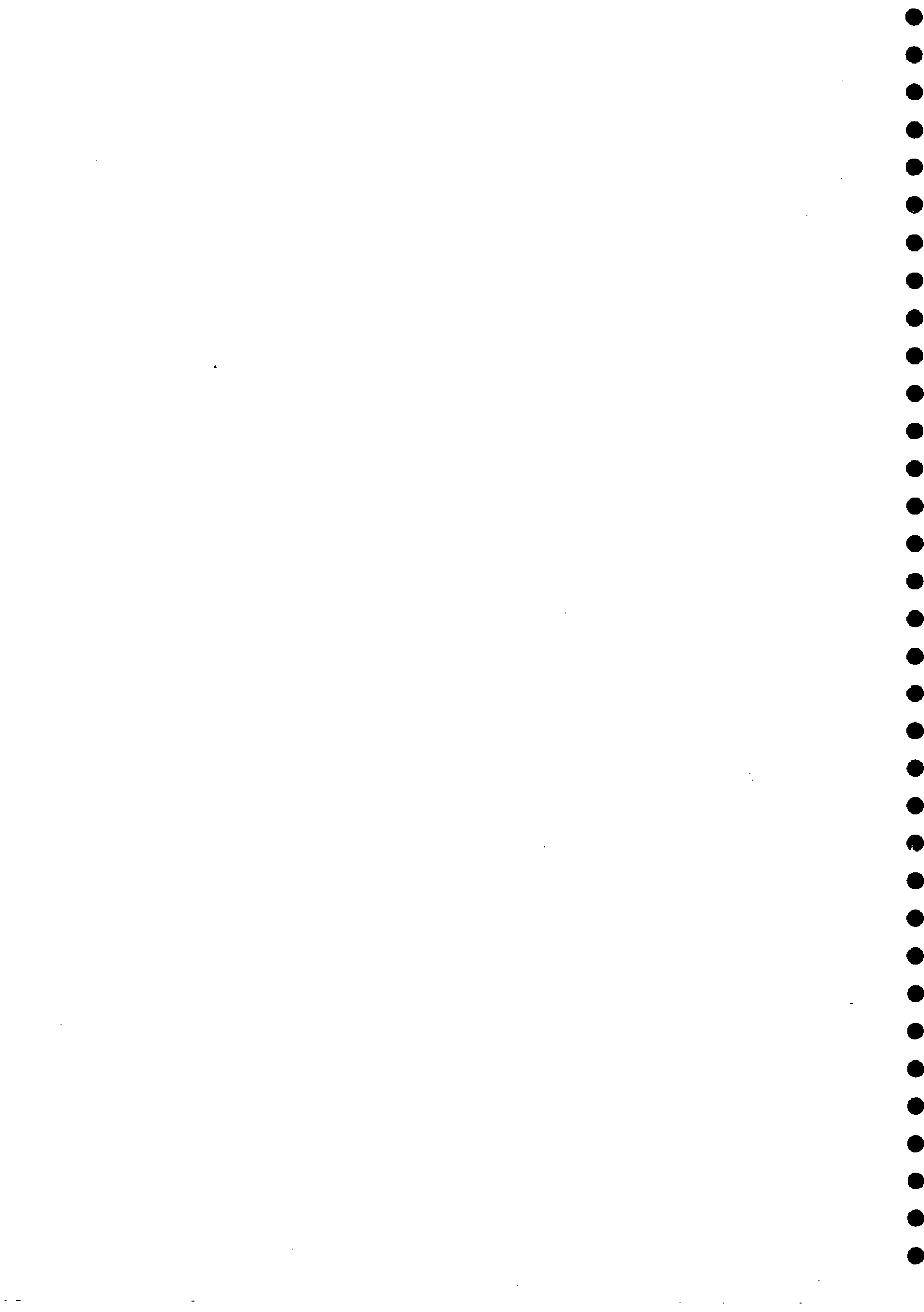


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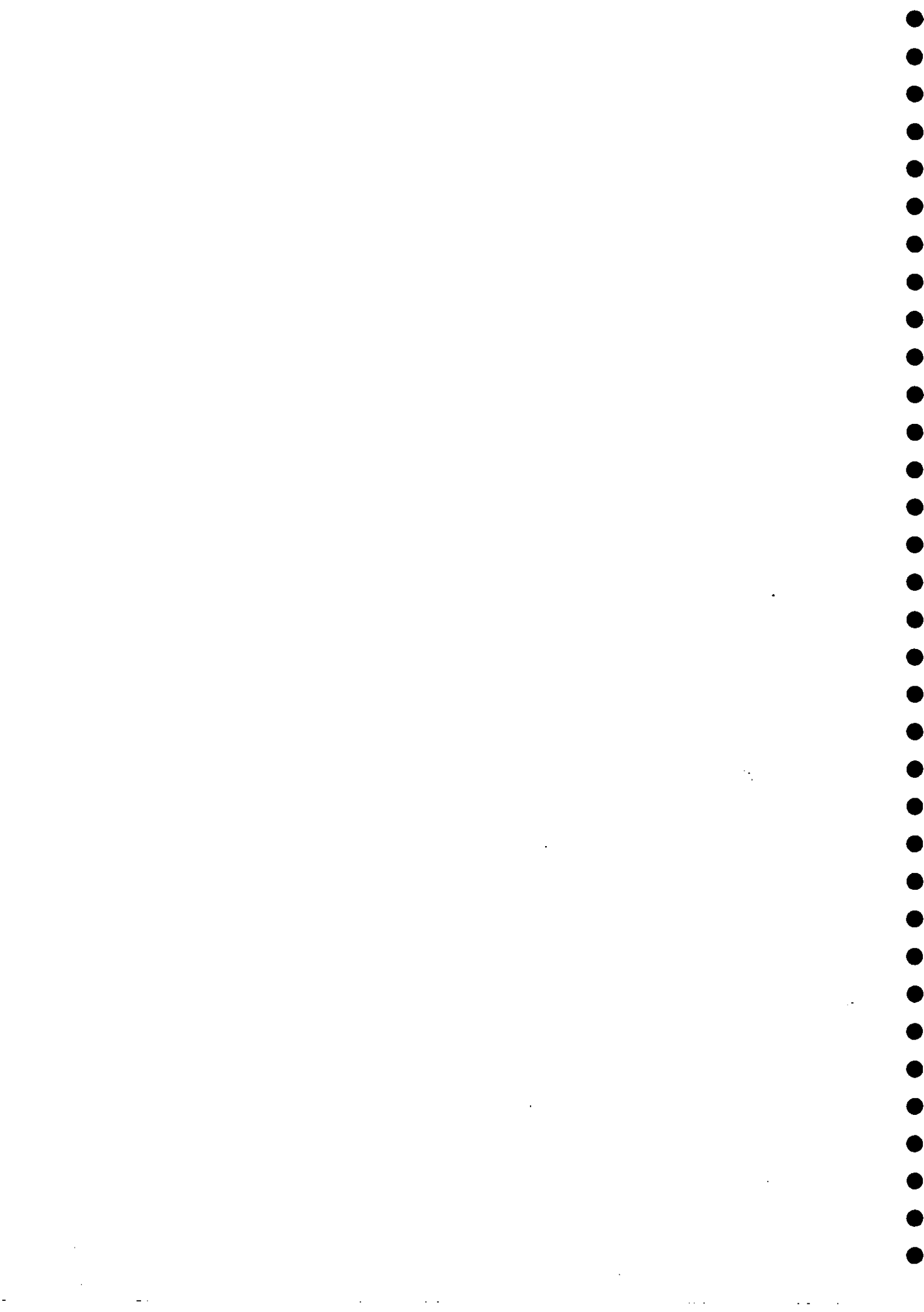


Country : Uzbekistan

Stations Listed : 16022 Syrdarya - Chinaz
17019 Amudarya - Tujamuyun
17221 Sherabad - Derbent



Station :16022 Syrdarya - Chinaz



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 16022 Name : Syr Darya at Chinas

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 3.86 | 4.26 | 5.35 | 5.63 | 5.23 | 6.62 | 4.61 | 3.11 | 3.15 | 3.35 | 3.74 | 5.12 |
| 2 | 3.65 | 4.28 | 5.38 | 5.45 | 5.02 | 6.68 | 4.53 | 3.07 | 3.13 | 3.36 | 3.74 | 5.19 |
| 3 | 3.85 | 4.19 | 5.51 | 5.33 | 5.03 | 6.68 | 4.29 | 3.08 | 3.19 | 3.36 | 3.81 | 5.22 |
| 4 | 3.82 | 4.27 | 5.60 | 5.22 | 4.97 | 6.61 | 4.01 | 3.06 | 3.32 | 3.34 | 3.95 | 5.28 |
| 5 | 3.78 | 4.26 | 5.67 | 5.18 | 4.90 | 6.58 | 3.88 | 3.06 | 3.49 | 3.38 | 3.98 | 5.27 |
| 6 | 3.68 | 4.42 | 5.80 | 5.17 | 5.04 | 6.67 | 3.87 | 3.02 | 3.54 | 3.42 | 3.98 | 5.30 |
| 7 | 3.63 | 4.62 | 5.89 | 5.03 | 5.29 | 6.85 | 3.83 | 3.00 | 3.59 | 3.53 | 4.11 | 5.23 |
| 8 | 3.59 | 4.78 | 5.89 | 4.92 | 5.36 | 6.99 | 3.98 | 3.04 | 3.71 | 3.61 | 4.15 | 5.90 |
| 9 | 3.78 | 4.95 | 5.86 | 4.68 | 5.77 | 6.93 | 4.11 | 3.03 | 3.70 | 3.61 | 4.17 | 5.15 |
| 10 | 4.04 | 4.84 | 5.91 | 4.41 | 6.15 | 6.90 | 3.90 | 3.05 | 3.73 | 3.56 | 4.17 | 5.31 |
| 11 | 4.13 | 4.80 | 6.06 | 4.32 | 6.23 | 6.77 | 3.82 | 3.08 | 3.68 | 3.59 | 4.22 | 5.24 |
| 12 | 4.14 | 4.81 | 5.87 | 4.24 | 6.28 | 6.47 | 3.71 | 3.05 | 3.55 | 3.59 | 4.19 | 4.88 |
| 13 | 4.10 | 4.90 | 5.68 | 4.08 | 6.33 | 6.27 | 3.64 | 3.05 | 3.39 | 3.48 | 3.97 | 5.15 |
| 14 | 4.06 | 4.90 | 5.58 | 4.08 | 6.47 | 6.06 | 3.57 | 3.06 | 3.34 | 3.43 | 4.26 | 5.39 |
| 15 | 4.09 | 4.98 | 5.57 | 4.14 | 6.59 | 5.87 | 3.49 | 3.04 | 3.25 | 3.43 | 4.35 | 5.45 |
| 16 | 4.10 | 5.09 | 5.57 | 4.26 | 6.66 | 5.72 | 3.51 | 3.03 | 3.29 | 3.44 | 4.42 | 5.45 |
| 17 | 3.99 | 5.17 | 5.58 | 4.35 | 6.74 | 5.46 | 3.53 | 3.04 | 3.24 | 3.43 | 4.43 | 5.48 |
| 18 | 4.01 | 5.10 | 5.57 | 4.33 | 6.59 | 5.30 | 3.52 | 3.02 | 3.29 | 3.44 | 4.47 | 5.56 |
| 19 | 4.04 | 5.12 | 5.67 | 4.25 | 6.19 | 5.22 | 3.75 | 2.96 | 3.27 | 3.37 | 4.59 | 5.57 |
| 20 | 4.02 | 5.19 | 5.74 | 4.19 | 5.95 | 5.18 | 3.87 | 2.94 | 3.25 | 3.31 | 4.73 | 5.67 |
| 21 | 4.06 | 5.21 | 5.84 | 4.11 | 5.99 | 5.17 | 3.85 | 2.97 | 3.27 | 3.29 | 4.76 | 5.74 |
| 22 | 4.01 | 5.25 | 5.86 | 4.21 | 5.92 | 5.25 | 3.69 | 2.96 | 3.29 | 3.26 | 4.86 | 5.71 |
| 23 | 3.98 | 5.41 | 5.86 | 4.52 | 6.05 | 5.22 | 3.45 | 2.96 | 3.30 | 3.27 | 4.82 | 5.76 |
| 24 | 4.00 | 5.47 | 5.83 | 4.91 | 6.13 | 5.00 | 3.40 | 2.95 | 3.34 | 3.38 | 4.49 | 5.76 |
| 25 | 4.00 | 5.47 | 5.84 | 5.32 | 6.25 | 4.94 | 3.35 | 3.00 | 3.34 | 3.41 | 4.64 | 5.65 |
| 26 | 4.02 | 5.43 | 5.87 | 5.23 | 6.46 | 4.89 | 3.26 | 2.97 | 3.37 | 3.41 | 4.82 | 5.56 |
| 27 | 4.08 | 5.36 | 5.90 | 5.09 | 6.39 | 4.82 | 3.23 | 2.99 | 3.34 | 3.47 | 4.81 | 5.57 |
| 28 | 4.21 | 5.35 | 5.83 | 4.98 | 6.36 | 4.82 | 3.22 | 2.97 | 3.35 | 3.51 | 4.60 | 5.58 |
| 29 | 4.21 | | 5.81 | 5.08 | 6.37 | 4.75 | 3.20 | 2.97 | 3.38 | 3.59 | 4.77 | 5.61 |
| 30 | 4.27 | | 5.77 | 5.21 | 6.47 | 4.71 | 3.18 | 3.05 | 3.39 | 3.64 | 4.96 | 5.61 |
| 31 | 4.28 | | 5.71 | | 6.49 | | 3.16 | 3.08 | | 3.71 | | 5.55 |
| Mean | 3.98 | 4.92 | 5.74 | 4.73 | 5.99 | 5.85 | 3.69 | 3.02 | 3.38 | 3.45 | 4.37 | 5.45 |
| Maximum | 4.28 | 5.47 | 6.06 | 5.63 | 6.74 | 6.99 | 4.61 | 3.11 | 3.73 | 3.71 | 4.96 | 5.90 |
| Minimum | 3.59 | 4.19 | 5.35 | 4.08 | 4.90 | 4.71 | 3.16 | 2.94 | 3.13 | 3.26 | 3.74 | 4.88 |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

Missing - flag "-"

Original - no flag set

 Institute of Hydrology
 River gaugings for station 16022 : Syr Darya at Chinas

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | Discharge | | | Stage | | |
|--------------|-------------|--------|-----------|----------------|-------------|-------------------|---------------------|----------------|---------|----------------|-------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. † | Diff./Rat. (m) | Plot |
| 1 | 4 Jan 1993 | A | 3.820 | .360 | 1097.22 | 395.000 | 389.068 | 5.932 | 1.5 | -.02/A | <- |
| 2 | 15 Jan 1993 | A | 4.090 | .410 | 1146.34 | 470.000 | 464.341 | 5.659 | 1.2 | -.02/A | - |
| 3 | 26 Jan 1993 | A | 4.020 | .390 | 1112.82 | 434.000 | 444.420 | -10.420 | -2.3 | .04/A | -> |
| 4 | 3 Feb 1993 | A | 4.170 | .430 | 1144.19 | 492.000 | 487.446 | 4.554 | .9 | -.02/A | - |
| 5 | 9 Feb 1993 | A | 4.970 | .550 | 1296.36 | 713.000 | 737.120 | -24.120 | -3.3 | .07/A | -> |
| 6 | 16 Feb 1993 | A | 5.080 | .550 | 1330.91 | 732.000 | 773.940 | -41.940 | -5.4 | .13/A | ->> |
| 7 | 18 Feb 1993 | A | 5.110 | .570 | 1314.04 | 749.000 | 784.081 | -35.081 | -4.5 | .10/A | -> |
| 8 | 22 Feb 1993 | A | 5.220 | .580 | 1339.66 | 777.000 | 821.622 | -44.622 | -5.4 | .13/A | ->> |
| 9 | 23 Feb 1993 | A | 5.000 | .630 | 1363.49 | 859.000 | 747.105 | 111.895 | 15.0 | -.33/A | <<<<- |
| 10 | 5 Mar 1993 | A | 5.680 | .680 | 1448.53 | 985.000 | 984.532 | .468 | .0 | .00/A | - |
| 11 | 9 Mar 1993 | A | 5.860 | .710 | 1478.87 | 1050.000 | 1050.790 | -.790 | -.1 | .00/A | - |
| 12 | 11 Mar 1993 | A | 6.110 | .790 | 1506.33 | 1190.000 | 1145.067 | 44.933 | 3.9 | -.12/A | <- |
| 13 | 15 Mar 1993 | B | 5.580 | .780 | 1435.90 | 1120.000 | 921.487 | 198.513 | 21.5 | -.45/B | <<<<- |
| 14 | 18 Mar 1993 | B | 5.560 | .640 | 1420.31 | 909.000 | 912.942 | -3.942 | -.4 | .01/B | - |
| 15 | 22 Mar 1993 | B | 5.850 | .660 | 1453.03 | 959.000 | 1038.594 | -79.594 | -7.7 | .18/B | ->> |
| 16 | 26 Mar 1993 | B | 5.840 | .720 | 1416.67 | 1020.000 | 1034.200 | -14.200 | -1.4 | .03/B | -> |
| 17 | 30 Mar 1993 | B | 5.780 | .670 | 1428.36 | 957.000 | 1007.924 | -50.924 | -5.1 | .12/B | -> |
| 18 | 2 Apr 1993 | B | 5.460 | .620 | 1361.29 | 844.000 | 870.498 | -26.498 | -3.0 | .06/B | -> |
| 19 | 6 Apr 1993 | B | 5.170 | .560 | 1330.36 | 745.000 | 750.128 | -5.128 | -.7 | .01/B | - |
| 20 | 10 Apr 1993 | B | 4.440 | .390 | 1182.05 | 461.000 | 467.156 | -6.156 | -1.3 | .02/B | - |
| 21 | 12 Apr 1993 | B | 4.250 | .350 | 1154.29 | 404.000 | 398.913 | 5.087 | 1.3 | -.01/B | - |
| 22 | 14 Apr 1993 | B | 4.060 | .290 | 1172.41 | 340.000 | 333.269 | 6.731 | 2.0 | -.02/B | - |
| 23 | 20 Apr 1993 | B | 4.200 | .310 | 1183.87 | 367.000 | 381.376 | -14.376 | -3.8 | .04/B | -> |
| 24 | 29 Apr 1993 | B | 5.100 | .550 | 1327.27 | 730.000 | 721.705 | 8.295 | 1.1 | -.02/B | <- |
| 25 | 3 May 1993 | C | 5.030 | .540 | 1301.85 | 703.000 | 686.917 | 16.083 | 2.3 | -.04/C | <- |
| 26 | 5 May 1993 | C | 4.900 | .500 | 1278.00 | 639.000 | 634.725 | 4.275 | .7 | -.01/C | - |
| 27 | 7 May 1993 | C | 5.290 | .590 | 1313.56 | 775.000 | 794.215 | -19.215 | -2.4 | .05/C | -> |
| 28 | 10 May 1993 | C | 6.140 | .780 | 1487.18 | 1160.000 | 1169.317 | -9.317 | -.8 | .02/C | -> |
| 29 | 12 May 1993 | C | 6.280 | .790 | 1556.96 | 1230.000 | 1234.334 | -4.334 | -.4 | .01/C | - |
| 30 | 15 May 1993 | C | 6.590 | .870 | 1586.21 | 1380.000 | 1381.275 | -1.275 | -.1 | .00/C | - |
| 31 | 17 May 1993 | C | 6.740 | .880 | 1602.27 | 1410.000 | 1453.793 | -43.793 | -3.0 | .09/C | -> |
| 32 | 21 May 1993 | C | 5.990 | .690 | 1579.71 | 1090.000 | 1100.620 | -10.620 | -1.0 | .02/C | -> |
| 33 | 29 May 1993 | C | 6.380 | .810 | 1604.94 | 1300.000 | 1281.294 | 18.706 | 1.5 | -.04/C | <- |
| 34 | 1 Jun 1993 | C | 6.590 | .830 | 1638.55 | 1360.000 | 1381.275 | -21.275 | -1.5 | .04/C | -> |
| 35 | 8 Jun 1993 | C | 7.000 | .950 | 1747.37 | 1660.000 | 1581.589 | 78.411 | 5.0 | -.16/C | <<- |
| 36 | 14 Jun 1993 | D | 6.100 | .760 | 1578.95 | 1200.000 | 1215.158 | -15.158 | -1.2 | .04/D | -> |
| 37 | 16 Jun 1993 | D | 5.740 | .720 | 1500.00 | 1080.000 | 1064.129 | 15.871 | 1.5 | -.04/D | <- |
| 38 | 18 Jun 1993 | D | 5.320 | .640 | 1417.19 | 907.000 | 898.091 | 8.909 | 1.0 | -.02/D | <- |
| 39 | 25 Jun 1993 | D | 4.960 | .550 | 1363.64 | 750.000 | 764.769 | -14.769 | -1.9 | .04/D | -> |
| 40 | 6 Jul 1993 | D | 3.870 | .360 | 1183.33 | 426.000 | 414.985 | 11.015 | 2.7 | -.04/D | <- |
| 41 | 12 Jul 1993 | D | 3.720 | .320 | 1125.00 | 360.000 | 373.595 | -13.595 | -3.6 | .05/D | -> |

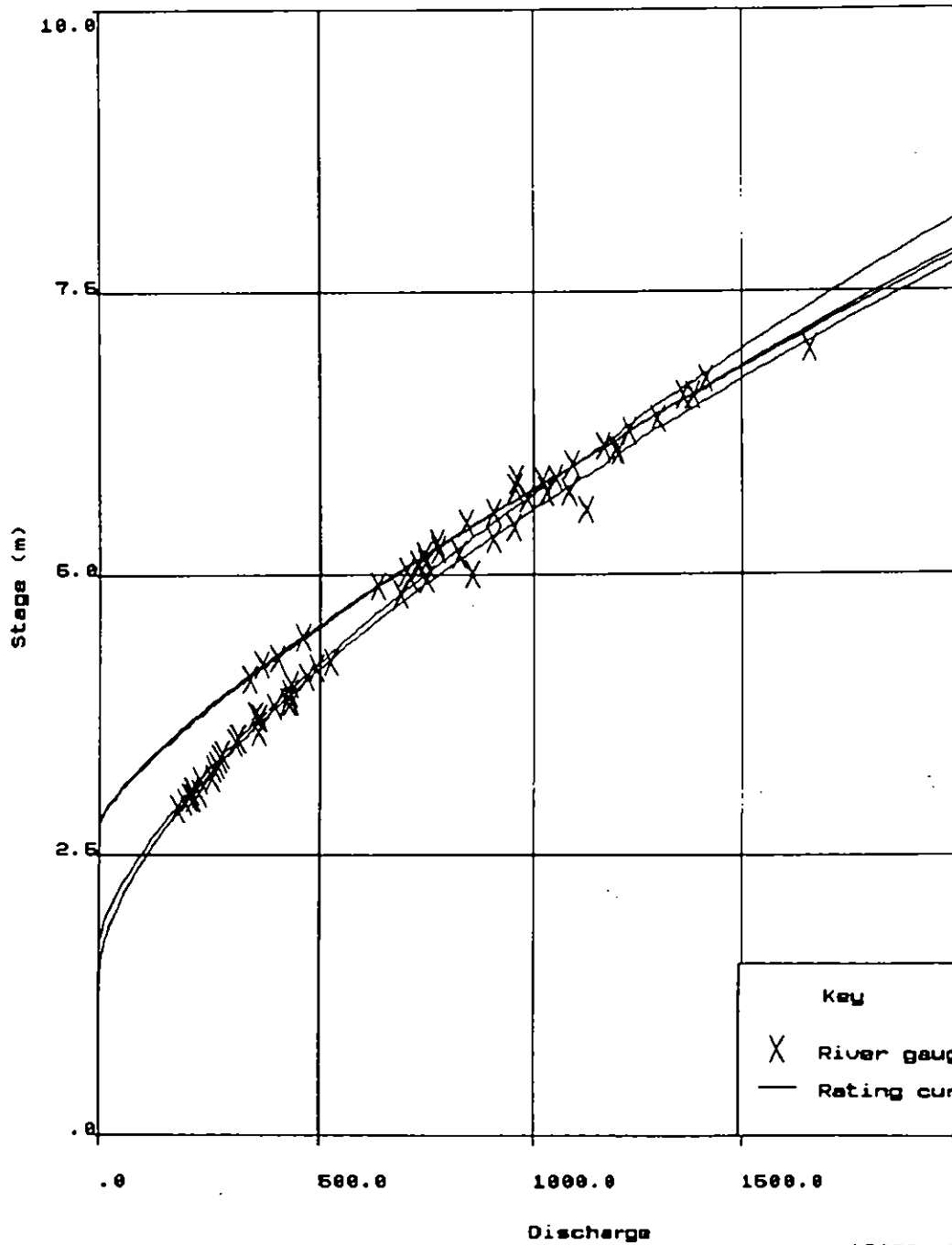
Institute of Hydrology

River gaugings for station 16022 : Syr Darya at Chinas

| Order Number | Date | Rating | Stage Velocity | | Area (sq m) | Discharge | | | Stage | | |
|--------------|-------------|--------|----------------|-------|-------------|-------------------|---------------------|----------|-------|--------|----|
| | | | (m) | (m/s) | | Measured (cumecs) | Calculated (cumecs) | (cumecs) | t | (m) | |
| 42 | 16 Jul 1993 | D | 3.530 | .280 | 1117.86 | 313.000 | 323.665 | -10.665 | -3.3 | .04/D | -> |
| 43 | 20 Jul 1993 | D | 3.870 | .380 | 1144.74 | 435.000 | 414.985 | 20.015 | 4.8 | -.07/D | <- |
| 44 | 23 Jul 1993 | D | 3.500 | .280 | 1103.57 | 309.000 | 316.042 | -7.042 | -2.2 | .03/D | -> |
| 45 | 26 Jul 1993 | D | 3.270 | .250 | 1028.00 | 257.000 | 260.013 | -3.013 | -1.2 | .01/D | - |
| 46 | 30 Jul 1993 | D | 3.170 | .220 | 1036.36 | 228.000 | 237.016 | -9.016 | -3.8 | .04/D | -> |
| 47 | 2 Aug 1993 | D | 3.070 | .200 | 1040.00 | 208.000 | 214.868 | -6.868 | -3.2 | .03/D | -> |
| 48 | 6 Aug 1993 | D | 3.010 | .210 | 1004.76 | 211.000 | 201.995 | 9.005 | 4.5 | -.04/D | <- |
| 49 | 18 Aug 1993 | D | 3.020 | .200 | 1015.00 | 203.000 | 204.118 | -1.118 | -.5 | .01/D | - |
| 50 | 20 Aug 1993 | D | 2.920 | .190 | 931.58 | 177.000 | 183.278 | -6.278 | -3.4 | .03/D | -> |
| 51 | 26 Aug 1993 | D | 2.980 | .190 | 1015.79 | 193.000 | 195.676 | -2.676 | -1.4 | .01/D | - |
| 52 | 30 Aug 1993 | D | 3.050 | .230 | 978.26 | 225.000 | 210.542 | 14.458 | 6.9 | -.07/D | <- |
| 53 | 3 Sep 1993 | D | 3.190 | .250 | 1020.00 | 255.000 | 241.548 | 13.452 | 5.6 | -.06/D | <- |
| 54 | 6 Sep 1993 | E | 3.540 | .300 | 1046.67 | 314.000 | 326.222 | -12.222 | -3.7 | .05/D | -> |
| 55 | 9 Sep 1993 | E | 3.720 | .320 | 1134.38 | 363.000 | 373.595 | -10.595 | -2.8 | .04/D | -> |
| 56 | 22 Sep 1993 | E | 3.300 | .260 | 1023.08 | 266.000 | 267.075 | -1.075 | -.4 | .00/D | - |
| 57 | 1 Oct 1993 | E | 3.360 | .260 | 1042.31 | 271.000 | 281.423 | -10.423 | -3.7 | .04/D | -> |
| 58 | 8 Oct 1993 | E | 3.600 | .310 | 1161.29 | 360.000 | 341.731 | 18.269 | 5.3 | -.07/D | <- |
| 59 | 26 Oct 1993 | E | 3.400 | .270 | 1029.63 | 278.000 | 291.152 | -13.152 | -4.5 | .05/D | -> |
| 60 | 26 Oct 1993 | E | 3.400 | .270 | 1029.63 | 278.000 | 291.152 | -13.152 | -4.5 | .05/D | -> |
| 61 | 2 Nov 1993 | E | 3.740 | .320 | 1096.88 | 351.000 | 379.014 | -28.014 | -7.4 | .10/D | -> |
| 62 | 2 Nov 1993 | E | 3.940 | .390 | 1105.13 | 431.000 | 434.883 | -3.883 | -.9 | .01/D | - |
| 63 | 11 Nov 1993 | E | 4.220 | .460 | 1141.30 | 525.000 | 518.106 | 6.894 | 1.3 | -.02/D | <- |
| 64 | 23 Nov 1993 | E | 4.830 | .580 | 1187.93 | 689.000 | 718.723 | -29.723 | -4.1 | .09/D | -> |
| 65 | 2 Dec 1993 | E | 5.180 | .660 | 1253.03 | 827.000 | 845.240 | -18.240 | -2.2 | .05/D | -> |
| 66 | 15 Dec 1993 | E | 5.420 | .720 | 1325.00 | 954.000 | 936.613 | 17.387 | 1.9 | -.04/D | <- |
| 67 | 23 Dec 1993 | E | 5.740 | .790 | 1303.80 | 1030.000 | 1064.129 | -34.129 | -3.2 | .08/D | -> |

Total number of gaugings = 67 (998 maximum)

Syr Darya at Chinas



 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 16022 Name : River Syr Darya at Chinas

Basin number : 0 Latitude : 0: 0: 0 Longitude : 0: 0: 0 Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|----------|----------|
| 1 | - | 515.3 | 868.0 | 937.6 | 762.9 | 1391.5 | 644.3 | 223.9 | 230.0 | 280.5 | 378.0 | 818.9 |
| 2 | - | 515.7 | 881.6 | 869.5 | 700.6 | 1421.1 | 610.4 | 216.2 | 230.3 | 281.1 | 381.4 | 847.1 |
| 3 | - | 499.5 | 921.5 | 816.6 | 683.4 | 1420.4 | 538.5 | 216.2 | 243.6 | 280.8 | 400.7 | 861.6 |
| 4 | 388.7 | 513.5 | 954.6 | 774.2 | 662.2 | 1393.3 | 460.8 | 213.2 | 273.1 | 278.4 | 433.8 | 879.5 |
| 5 | 376.3 | 520.2 | 983.7 | 755.7 | 645.2 | 1383.7 | 422.1 | 211.6 | 309.8 | 286.3 | 445.3 | 881.0 |
| 6 | 353.4 | 563.5 | 1026.7 | 743.5 | 696.7 | 1425.3 | 413.9 | 204.7 | 326.2 | 298.3 | 451.2 | 885.7 |
| 7 | 339.0 | 622.4 | 1057.8 | 695.1 | 784.9 | 1505.2 | 410.5 | 201.5 | 341.4 | 322.8 | 481.4 | 899.7 |
| 8 | 335.8 | 675.4 | 1060.6 | 643.5 | 842.0 | 1564.3 | 445.8 | 207.1 | 366.6 | 341.7 | 496.0 | 1058.0 |
| 9 | 380.8 | 719.0 | 1054.5 | 555.6 | 1000.5 | 1548.8 | 472.1 | 207.1 | 369.6 | 342.7 | 502.1 | 877.5 |
| 10 | 444.2 | 697.2 | 1074.1 | 464.6 | 1156.8 | 1526.0 | 428.2 | 210.8 | 373.6 | 333.9 | 504.7 | 883.4 |
| 11 | 473.0 | 683.4 | 1109.9 | 424.2 | 1209.3 | 1458.2 | 400.0 | 215.4 | 360.2 | 338.2 | 515.0 | 854.3 |
| 12 | 476.9 | 687.9 | 1054.6 | 391.9 | 1234.3 | 1330.0 | 372.3 | 211.4 | 327.9 | 335.6 | 501.8 | 764.5 |
| 13 | 467.2 | 710.3 | 988.7 | 346.9 | 1263.1 | 1229.2 | 352.3 | 210.8 | 292.1 | 312.9 | 462.3 | 833.0 |
| 14 | 458.3 | 717.3 | 952.4 | 342.6 | 1322.8 | 1199.2 | 333.6 | 211.9 | 275.4 | 300.1 | 522.9 | 916.4 |
| 15 | 463.6 | 741.7 | 917.7 | 363.2 | 1378.3 | 1119.9 | 316.7 | 208.7 | 259.1 | 298.8 | 557.9 | 945.4 |
| 16 | 462.9 | 776.1 | 917.7 | 401.2 | 1415.6 | 1050.5 | 318.6 | 206.8 | 262.1 | 300.4 | 578.6 | 949.8 |
| 17 | 440.6 | 798.1 | 920.4 | 429.6 | 1439.8 | 957.3 | 322.7 | 207.6 | 255.9 | 299.2 | 585.5 | 962.5 |
| 18 | 442.0 | 784.5 | 923.1 | 424.7 | 1366.5 | 894.3 | 328.9 | 203.1 | 262.7 | 298.5 | 600.5 | 988.1 |
| 19 | 448.3 | 789.6 | 958.6 | 399.8 | 1202.0 | 862.1 | 378.1 | 192.6 | 260.0 | 284.2 | 637.6 | 1000.1 |
| 20 | 446.5 | 809.2 | 992.1 | 377.0 | 1098.4 | 846.6 | 410.1 | 188.7 | 256.5 | 270.6 | 679.4 | 1034.2 |
| 21 | 452.6 | 819.0 | 1029.8 | 358.0 | 1094.4 | 845.7 | 404.5 | 192.5 | 260.0 | 264.4 | 697.4 | 1059.0 |
| 22 | 442.3 | 837.2 | 1041.9 | 394.3 | 1080.2 | 866.3 | 363.0 | 191.8 | 264.4 | 258.8 | 723.1 | 1056.0 |
| 23 | 434.9 | 883.4 | 1041.3 | 500.8 | 1125.2 | 851.4 | 309.6 | 191.2 | 268.0 | 263.0 | 702.8 | 1069.8 |
| 24 | 438.1 | 906.3 | 1032.0 | 647.4 | 1167.0 | 786.5 | 291.2 | 191.0 | 275.4 | 283.9 | 623.6 | 1066.7 |
| 25 | 439.5 | 907.2 | 1035.3 | 786.2 | 1225.7 | 758.1 | 277.8 | 197.8 | 277.5 | 292.7 | 654.9 | 1028.7 |
| 26 | 445.8 | 893.5 | 1047.4 | 772.2 | 1302.6 | 739.0 | 259.4 | 194.9 | 282.0 | 295.5 | 707.0 | 996.6 |
| 27 | 464.0 | 872.8 | 1055.1 | 719.2 | 1288.4 | 718.3 | 251.3 | 196.7 | 277.8 | 307.9 | 703.1 | 995.6 |
| 28 | 494.4 | 867.1 | 1032.6 | 684.1 | 1274.2 | 712.2 | 248.1 | 194.1 | 279.6 | 319.9 | 656.1 | 1000.6 |
| 29 | 501.3 | | 1020.0 | 715.2 | 1281.9 | 692.3 | 243.8 | 195.7 | 285.7 | 338.2 | 698.9 | 1010.1 |
| 30 | 515.0 | | 1002.5 | 760.9 | 1319.2 | 674.7 | 239.3 | 209.2 | 287.2 | 352.9 | 763.6 | 1008.6 |
| 31 | 518.7 | | 976.4 | | 1340.0 | | 233.9 | 218.1 | | 369.6 | | 990.6 |
| Mean | 440.87 | 725.95 | 997.83 | 583.18 | 1108.5 | 1105.7 | 371.03 | 204.59 | 287.8 | 304.25 | 568.22 | 949.12 |
| Maximum | 518.68 | 907.22 | 1109.9 | 937.61 | 1439.8 | 1564.3 | 644.27 | 223.91 | 373.6 | 369.56 | 763.55 | 1069.8 |
| Minimum | 335.85 | 499.51 | 868.02 | 342.61 | 645.21 | 674.69 | 233.93 | 188.66 | 230.01 | 258.85 | 378.0 | 764.53 |
| Runoff | 1180816. | 1756207. | 2672591. | 1511598. | 2969068. | 2866006. | 993768. | 547966. | 745971. | 814898. | 1472824. | 2542128. |

Flows in cubic metres per second

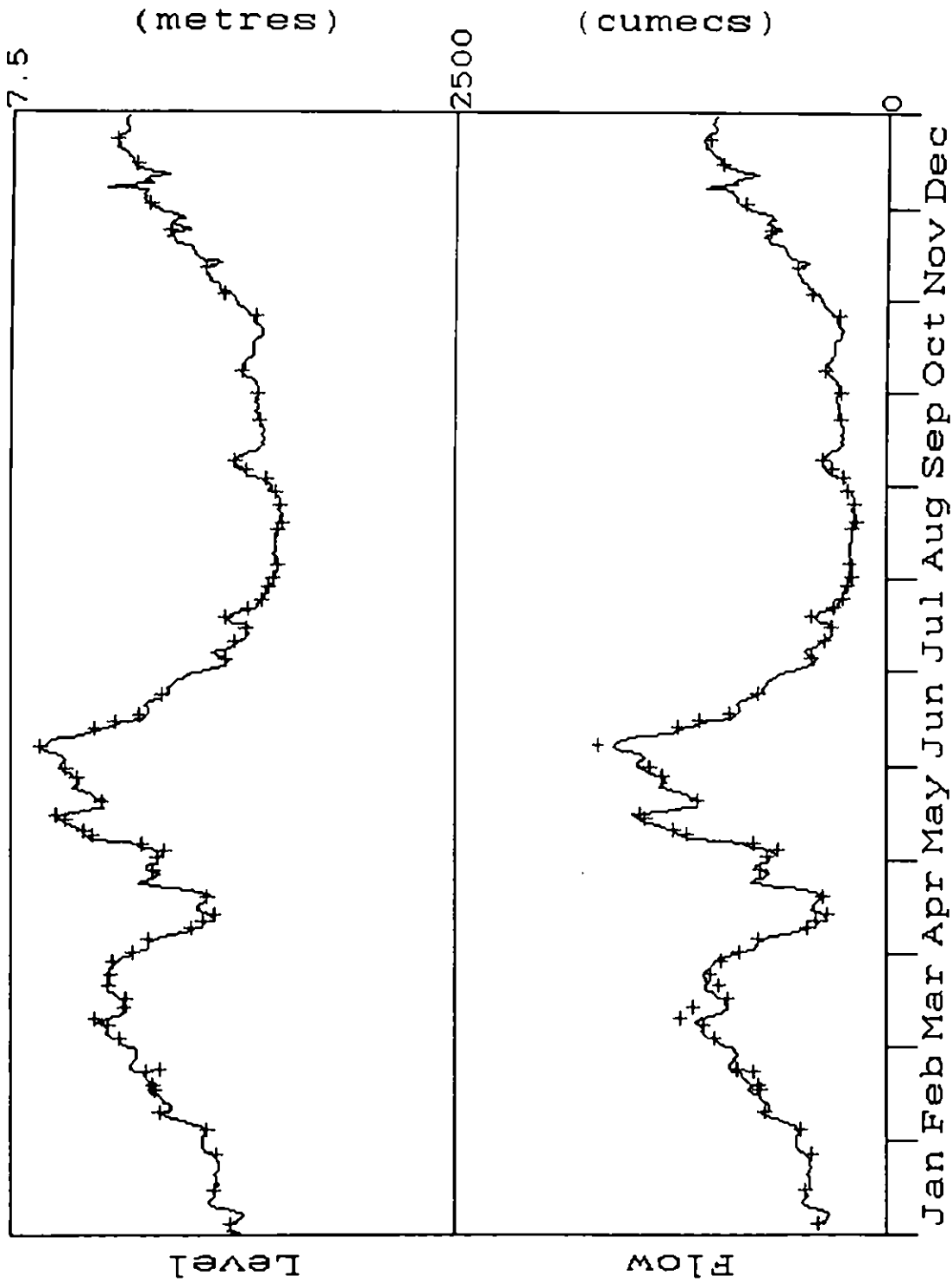
 Annual statistics

Maximum 1564.250 Minimum 188.665 Mean 638.159 cubic metres per second
 Total 20124.980 million cubic metres Runoff ***** millimetres

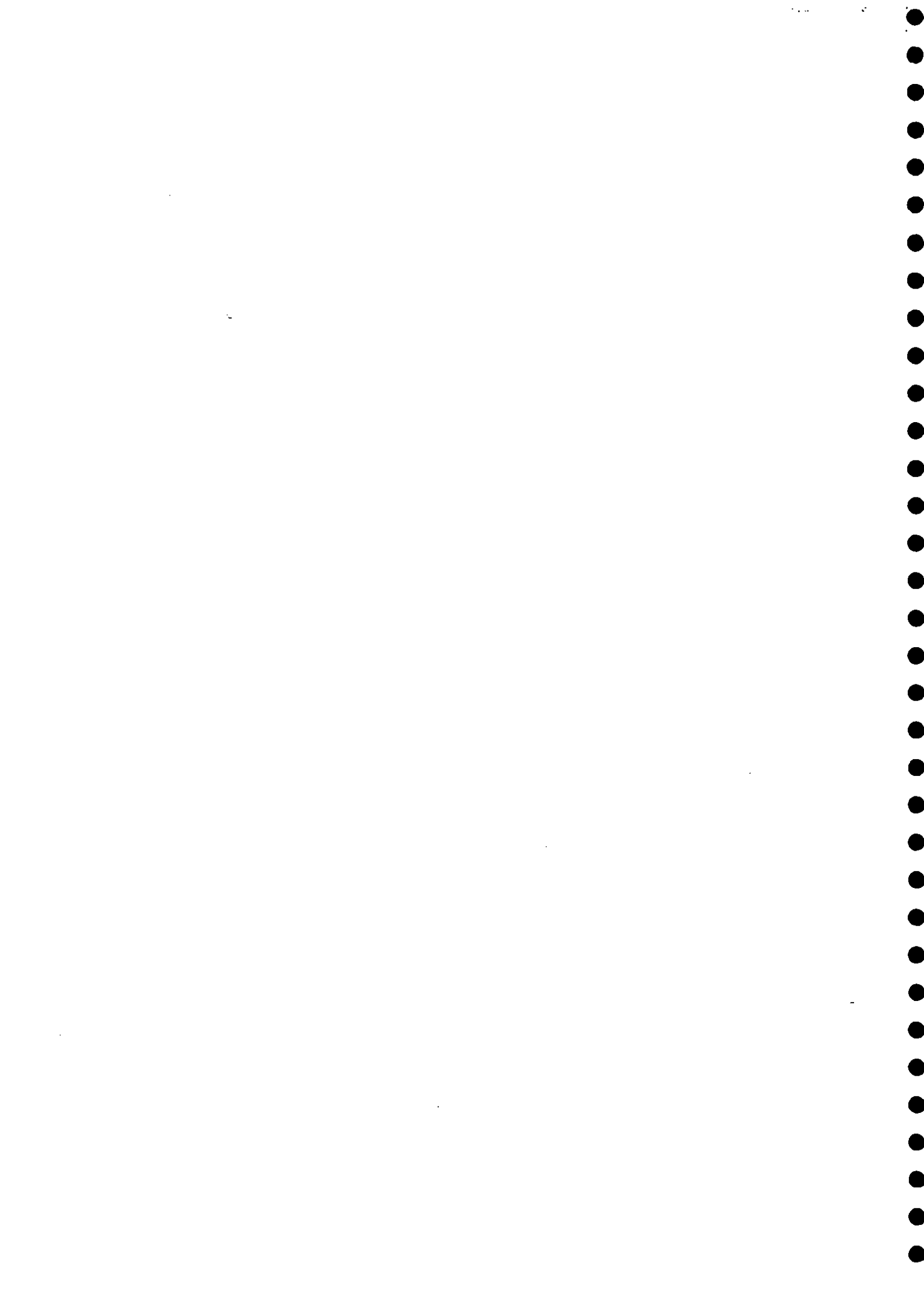
 Possible data flags

Missing - flag "--" Original - no flag set Estimate - flag "e"

016022 River Syr Darya at Chinas 1993



Station :17019 Amudarya - Tujamuyun



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 17019 Name : river Amydarya at Tuyamyun

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 1.40 | 2.00 | 2.65 | 2.49 | 1.85 | 4.20 | 4.76 | 4.24 | 2.26 | 2.07 | .70 | 1.51 |
| 2 | 1.39 | 2.05 | 2.52 | 2.52 | 1.94 | 4.37 | 4.78 | 4.14 | 2.28 | 2.10 | .70 | 1.58 |
| 3 | 1.40 | 2.06 | 2.51 | 2.43 | 2.12 | 4.47 | 4.76 | 3.94 | 2.26 | 2.08 | 1.07 | 1.63 |
| 4 | 1.54 | 1.99 | 2.68 | 2.38 | 2.40 | 4.55 | 4.72 | 3.82 | 2.19 | 1.99 | 1.27 | 1.62 |
| 5 | 1.56 | 1.88 | 2.67 | 2.39 | 2.51 | 4.62 | 4.71 | 3.69 | 2.14 | 2.03 | 1.69 | 1.61 |
| 6 | 1.55 | 1.80 | 2.72 | 2.39 | 2.59 | 4.74 | 4.69 | 3.57 | 2.09 | 2.00 | 1.78 | 1.61 |
| 7 | 1.55 | 1.82 | 2.83 | 2.29 | 2.62 | 4.77 | 4.69 | 3.48 | 1.99 | 1.99 | 1.35 | 1.61 |
| 8 | 1.51 | 1.80 | 2.83 | 2.35 | 2.60 | 4.75 | 4.69 | 3.48 | 2.25 | 2.09 | 1.24 | 1.63 |
| 9 | 1.51 | 1.80 | 2.87 | 2.34 | 2.62 | 4.64 | 4.70 | 3.50 | 2.36 | 2.01 | 1.00 | 1.66 |
| 10 | 1.53 | 1.81 | 2.86 | 2.32 | 2.67 | 4.60 | 4.70 | 3.58 | 2.61 | 1.72 | 1.00 | 1.73 |
| 11 | 1.55 | 1.80 | 2.84 | 2.19 | 2.84 | 4.49 | 4.70 | 3.50 | 2.73 | 1.60 | 1.07 | 1.74 |
| 12 | 1.57 | 1.83 | 2.81 | 2.01 | 3.10 | 4.52 | 4.70 | 3.41 | 2.68 | 1.48 | 1.00 | 1.74 |
| 13 | 1.68 | 1.71 | 2.83 | 1.86 | 3.31 | 4.53 | 4.70 | 3.40 | 2.46 | 1.47 | .97 | 1.76 |
| 14 | 1.69 | 1.72 | 2.85 | 1.62 | 3.70 | 4.51 | 4.72 | 3.41 | 2.43 | 1.37 | .90 | 1.75 |
| 15 | 1.68 | 1.87 | 2.85 | 1.34 | 3.96 | 4.46 | 4.70 | 3.33 | 2.26 | 1.38 | .90 | 1.76 |
| 16 | 1.68 | 1.85 | 2.84 | 1.12 | 4.00 | 4.00 | 4.72 | 3.24 | 2.29 | 1.27 | 1.25 | 1.86 |
| 17 | 1.68 | 1.85 | 2.79 | 1.06 | 4.01 | 4.06 | 4.74 | 3.07 | 2.34 | 1.27 | 1.30 | 1.94 |
| 18 | 1.66 | 1.85 | 2.79 | 1.06 | 4.09 | 4.15 | 4.73 | 2.95 | 2.32 | 1.29 | 1.30 | 1.95 |
| 19 | 1.65 | 1.87 | 2.85 | .96 | 3.94 | 4.30 | 4.74 | 2.91 | 2.35 | 1.30 | 1.49 | 1.97 |
| 20 | 1.64 | 2.05 | 2.86 | .75 | 3.77 | 4.45 | 4.70 | 2.96 | 2.30 | 1.29 | 1.43 | 1.93 |
| 21 | 1.66 | 2.05 | 2.85 | .73 | 3.62 | 4.54 | 4.63 | 2.92 | 2.12 | 1.25 | 1.40 | 1.93 |
| 22 | 1.69 | 2.09 | 2.84 | .75 | 3.68 | 4.64 | 4.58 | 2.86 | 2.22 | 1.29 | 1.40 | 1.93 |
| 23 | 1.70 | 2.06 | 2.93 | 1.27 | 3.80 | 4.65 | 4.55 | 2.93 | 2.31 | 1.34 | 1.40 | 2.01 |
| 24 | 1.70 | 2.08 | 2.93 | 1.43 | 3.85 | 4.64 | 4.59 | 2.65 | 2.27 | 1.78 | 1.40 | 2.08 |
| 25 | 1.70 | 2.16 | 2.79 | 1.70 | 3.80 | 4.66 | 4.56 | 2.56 | 1.92 | 1.59 | 1.40 | 2.07 |
| 26 | 1.70 | 2.21 | 2.53 | 1.99 | 3.72 | 4.70 | 4.54 | 2.60 | 1.82 | 1.32 | 1.42 | 2.07 |
| 27 | 1.74 | 2.66 | 2.38 | 2.09 | 3.77 | 4.74 | 4.58 | 2.61 | 1.79 | 1.32 | 1.47 | 2.04 |
| 28 | 1.82 | 2.66 | 2.21 | 1.93 | 3.88 | 4.73 | 4.56 | 2.52 | 1.75 | 1.18 | 1.51 | 2.03 |
| 29 | 1.79 | | 2.22 | 2.05 | 3.96 | 4.74 | 4.42 | 2.37 | 1.57 | .95 | 1.47 | 2.03 |
| 30 | 1.89 | | 2.35 | 1.91 | 4.04 | 4.74 | 4.45 | 2.34 | 1.85 | .73 | 1.49 | 2.03 |
| 31 | 1.95 | | 2.50 | | 4.13 | | 4.35 | 2.31 | | .71 | | 2.03 |
| Mean | 1.64 | 1.98 | 2.71 | 1.79 | 3.32 | 4.53 | 4.65 | 3.17 | 2.21 | 1.52 | 1.26 | 1.83 |
| Maximum | 1.95 | 2.66 | 2.93 | 2.52 | 4.13 | 4.77 | 4.78 | 4.24 | 2.73 | 2.10 | 1.78 | 2.08 |
| Minimum | 1.39 | 1.71 | 2.21 | .73 | 1.85 | 4.00 | 4.35 | 2.31 | 1.57 | .71 | .70 | 1.51 |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

Missing - flag "-"

Original - no flag set

 Institute of Hydrology
 River gaugings for station 17019 : river Amudarya at Tyamyun

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|-----------------|----------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. † | Diff./Rat. (m) | Plot |
| 1 | 5 Jan 1993 | A | 1.560 | .880 | 477.27 | 420.000 | 481.564 | -61.564 | -12.8 | .11/A | -> |
| 2 | 11 Jan 1993 | A | 1.550 | .860 | 531.40 | 457.000 | 476.075 | -19.075 | -4.0 | .03/A | -> |
| 3 | 14 Jan 1993 | A | 1.680 | .850 | 608.24 | 517.000 | 548.538 | -31.538 | -5.7 | .06/A | -> |
| 4 | 18 Jan 1993 | A | 1.660 | .840 | 683.33 | 574.000 | 537.237 | 36.763 | 6.8 | -.06/A | <- |
| 5 | 19 Jan 1993 | A | 1.660 | .850 | 636.47 | 541.000 | 537.237 | 3.763 | .7 | -.01/A | - |
| 6 | 25 Jan 1993 | A | 1.700 | .880 | 680.68 | 599.000 | 559.893 | 39.107 | 7.0 | -.07/A | <- |
| 7 | 28 Jan 1993 | A | 1.820 | .850 | 761.18 | 647.000 | 629.124 | 17.876 | 2.8 | -.03/A | <- |
| 8 | 31 Jan 1993 | A | 1.980 | .880 | 970.45 | 854.000 | 724.225 | 129.775 | 17.9 | -.21/A | <<- |
| 9 | 1 Feb 1993 | A | 1.990 | .830 | 879.52 | 730.000 | 730.269 | -.269 | .0 | .00/A | - |
| 10 | 5 Feb 1993 | A | 1.810 | .790 | 834.18 | 659.000 | 623.284 | 35.716 | 5.7 | -.06/A | <- |
| 11 | 10 Feb 1993 | A | 1.800 | .740 | 839.19 | 621.000 | 617.457 | 3.543 | .6 | -.01/A | - |
| 12 | 12 Feb 1993 | A | 1.840 | .780 | 858.97 | 670.000 | 640.841 | 29.159 | 4.6 | -.05/A | <- |
| 13 | 17 Feb 1993 | A | 1.850 | .800 | 790.00 | 632.000 | 646.718 | -14.718 | -2.3 | .03/A | -> |
| 14 | 19 Feb 1993 | A | 1.840 | .770 | 863.64 | 665.000 | 640.841 | 24.159 | 3.8 | -.04/A | <- |
| 15 | 22 Feb 1993 | A | 2.120 | .780 | 892.31 | 696.000 | 809.887 | -113.887 | -14.1 | .19/A | ->> |
| 16 | 23 Feb 1993 | A | 2.040 | .800 | 925.00 | 740.000 | 760.666 | -20.666 | -2.7 | .03/A | -> |
| 17 | 27 Feb 1993 | A | 2.700 | .910 | 1362.64 | 1240.000 | 1186.427 | 53.573 | 4.5 | -.08/A | <- |
| 18 | 2 Mar 1993 | A | 2.530 | .890 | 1235.96 | 1100.000 | 1072.687 | 27.313 | 2.5 | -.04/A | <- |
| 19 | 4 Mar 1993 | A | 2.680 | .880 | 1318.18 | 1160.000 | 1172.909 | -12.909 | -1.1 | .02/A | - |
| 20 | 9 Mar 1993 | A | 2.880 | .950 | 1452.63 | 1380.000 | 1309.663 | 70.337 | 5.4 | -.10/A | <- |
| 21 | 12 Mar 1993 | A | 2.780 | .900 | 1400.00 | 1260.000 | 1240.851 | 19.149 | 1.5 | -.03/A | <- |
| 22 | 15 Mar 1993 | A | 2.870 | .910 | 1417.58 | 1290.000 | 1302.743 | -12.743 | -1.0 | .02/A | - |
| 23 | 17 Mar 1993 | A | 2.780 | .890 | 1348.31 | 1200.000 | 1240.851 | -40.851 | -3.3 | .06/A | -> |
| 24 | 20 Mar 1993 | A | 2.870 | .910 | 1329.67 | 1210.000 | 1302.743 | -92.743 | -7.1 | .14/A | ->> |
| 25 | 22 Mar 1993 | A | 2.790 | .930 | 1301.08 | 1210.000 | 1247.693 | -37.693 | -3.0 | .06/A | -> |
| 26 | 25 Mar 1993 | A | 2.880 | .890 | 1449.44 | 1290.000 | 1309.663 | -19.663 | -1.5 | .03/A | -> |
| 27 | 27 Mar 1993 | B | 2.410 | .860 | 967.44 | 832.000 | 880.115 | -48.115 | -5.5 | .06/B | -> |
| 28 | 29 Mar 1993 | B | 2.170 | .880 | 830.68 | 731.000 | 695.836 | 35.164 | 5.1 | -.05/B | <- |
| 29 | 2 Apr 1993 | B | 2.520 | .870 | 1118.39 | 973.000 | 974.067 | -1.067 | -.1 | .00/B | - |
| 30 | 5 Apr 1993 | B | 2.400 | .810 | 1066.67 | 864.000 | 871.876 | -7.876 | -.9 | .01/B | - |
| 31 | 7 Apr 1993 | B | 2.250 | .820 | 953.66 | 782.000 | 754.185 | 27.815 | 3.7 | -.04/B | <- |
| 32 | 9 Apr 1993 | B | 2.330 | .900 | 922.22 | 830.000 | 815.588 | 14.412 | 1.8 | -.02/B | - |
| 33 | 13 Apr 1993 | B | 1.860 | .950 | 528.42 | 502.000 | 497.297 | 4.703 | .9 | -.01/B | - |
| 34 | 16 Apr 1993 | B | 1.120 | .900 | 171.11 | 154.000 | 180.069 | -26.069 | -14.5 | .09/B | -> |
| 35 | 17 Apr 1993 | B | 1.050 | .760 | 226.32 | 172.000 | 159.978 | 12.022 | 7.5 | -.04/B | <- |
| 36 | 20 Apr 1993 | B | .730 | .580 | 154.83 | 89.800 | 86.463 | 3.337 | 3.9 | -.02/B | - |
| 37 | 26 Apr 1993 | C | 1.970 | .870 | 725.29 | 631.000 | 643.171 | -12.171 | -1.9 | .02/C | -> |
| 38 | 27 Apr 1993 | C | 2.100 | .790 | 898.73 | 710.000 | 723.127 | -13.127 | -1.8 | .02/C | -> |
| 39 | 29 Apr 1993 | C | 2.060 | .810 | 856.79 | 694.000 | 698.159 | -4.159 | -.6 | .01/C | - |
| 40 | 1 May 1993 | C | 1.880 | .790 | 759.49 | 600.000 | 589.861 | 10.139 | 1.7 | -.02/C | - |
| 41 | 4 May 1993 | C | 2.340 | .790 | 1155.70 | 913.000 | 879.584 | 33.416 | 3.8 | -.05/C | <- |

Institute of Hydrology

River gaugings for station 17019 : river Amudarya at Tyamyun

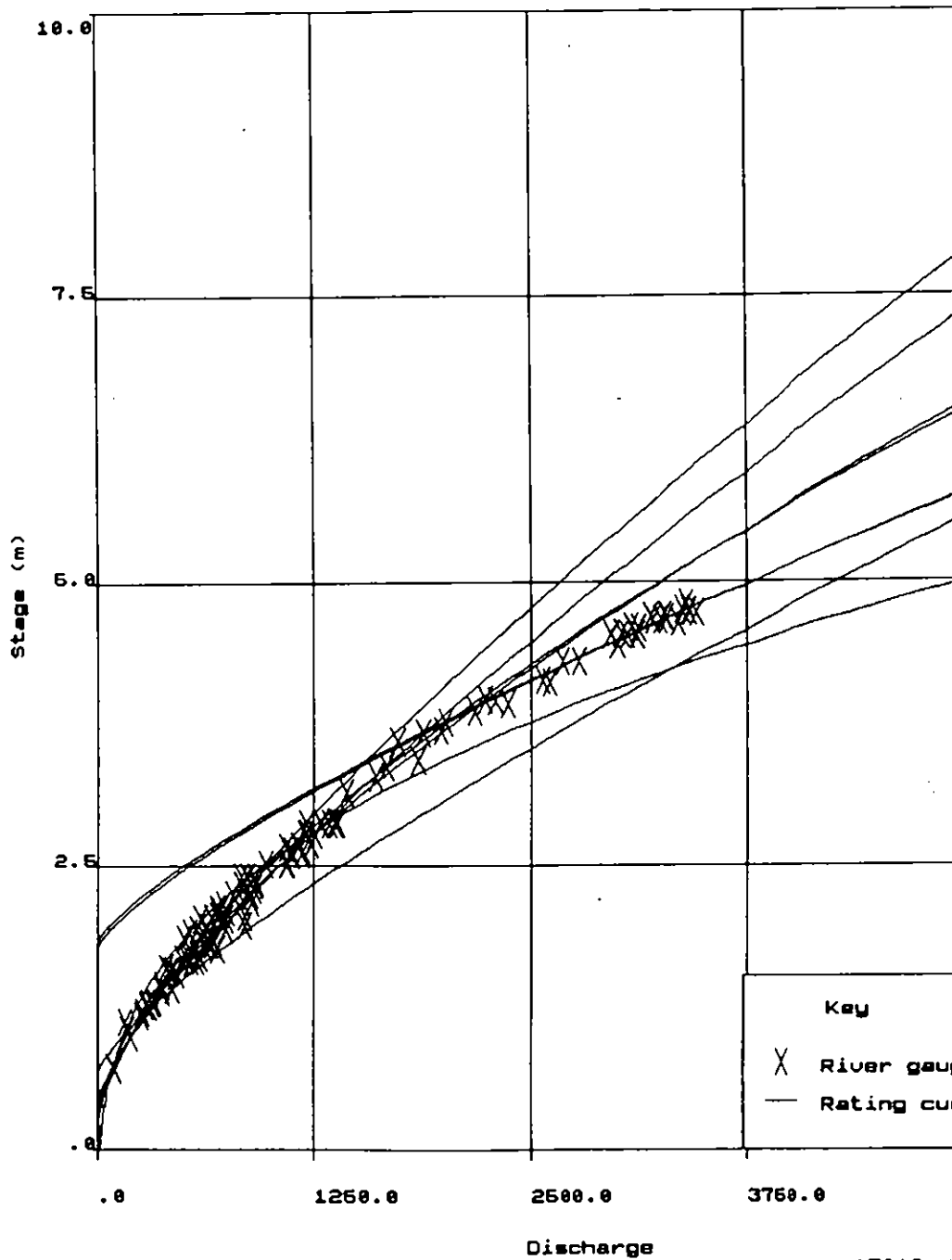
| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | Discharge | | | Stage | | |
|--------------|-------------|--------|-----------|----------------|-------------|-------------------|---------------------|----------|-------|--------|-----|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | (cumecs) | Δ | (m) | |
| 42 | 6 May 1993 | C | 2.640 | .820 | 1365.85 | 1120.000 | 1090.551 | 29.449 | 2.7 | -.04/C | <- |
| 43 | 10 May 1993 | C | 2.670 | .820 | 1329.27 | 1090.000 | 1112.554 | -22.554 | -2.0 | .03/C | -> |
| 44 | 12 May 1993 | C | 3.150 | .830 | 1734.94 | 1440.000 | 1486.001 | -46.001 | -3.1 | .06/C | -> |
| 45 | 14 May 1993 | C | 3.690 | .910 | 2175.82 | 1980.000 | 1951.784 | 28.216 | 1.4 | -.03/C | <- |
| 46 | 18 May 1993 | D | 4.110 | 1.010 | 2584.16 | 2610.000 | 2491.313 | 118.687 | 4.8 | -.08/D | <- |
| 47 | 22 May 1993 | D | 3.670 | .910 | 2065.93 | 1880.000 | 1894.146 | -14.146 | -.7 | .01/D | - |
| 48 | 25 May 1993 | D | 3.670 | .910 | 2065.93 | 1880.000 | 1894.146 | -14.146 | -.7 | .01/D | - |
| 49 | 25 May 1993 | D | 3.860 | .960 | 2270.83 | 2180.000 | 2147.375 | 32.625 | 1.5 | -.02/D | <- |
| 50 | 27 May 1993 | D | 3.760 | .940 | 2138.30 | 2010.000 | 2013.183 | -3.183 | -.2 | .00/D | - |
| 51 | 29 May 1993 | D | 3.960 | .980 | 2285.71 | 2240.000 | 2283.532 | -43.532 | -1.9 | .03/D | -> |
| 52 | 1 Jun 1993 | D | 4.290 | 1.050 | 2561.90 | 2690.000 | 2746.020 | -56.020 | -2.0 | .04/D | -> |
| 53 | 3 Jun 1993 | D | 4.540 | 1.070 | 2831.78 | 3030.000 | 3108.973 | -78.973 | -2.5 | .05/D | -> |
| 54 | 7 Jun 1993 | D | 4.810 | 1.110 | 3081.08 | 3420.000 | 3512.251 | -92.251 | -2.6 | .06/D | -> |
| 55 | 9 Jun 1993 | D | 4.640 | 1.060 | 3179.25 | 3370.000 | 3257.009 | 112.991 | 3.5 | -.08/D | <- |
| 56 | 14 Jun 1993 | D | 4.520 | 1.030 | 3029.13 | 3120.000 | 3079.558 | 40.442 | 1.3 | -.03/D | <- |
| 57 | 16 Jun 1993 | E | 3.950 | .850 | 2705.88 | 2300.000 | 2248.222 | 51.778 | 2.3 | -.04/E | <- |
| 58 | 18 Jun 1993 | E | 4.130 | .990 | 2595.96 | 2570.000 | 2500.681 | 69.319 | 2.8 | -.05/E | <- |
| 59 | 21 Jun 1993 | E | 4.530 | .950 | 3136.84 | 2980.000 | 3082.834 | -102.834 | -3.3 | .07/E | -> |
| 60 | 23 Jun 1993 | E | 4.660 | 1.000 | 3260.00 | 3260.000 | 3277.902 | -17.902 | -.5 | .01/E | - |
| 61 | 25 Jun 1993 | E | 4.660 | 1.000 | 3210.00 | 3210.000 | 3277.902 | -67.902 | -2.1 | .05/E | -> |
| 62 | 30 Jun 1993 | E | 4.730 | 1.010 | 3405.94 | 3440.000 | 3384.071 | 55.929 | 1.7 | -.04/E | <- |
| 63 | 2 Jul 1993 | E | 4.750 | 1.000 | 3390.00 | 3390.000 | 3414.547 | -24.547 | -.7 | .02/E | - |
| 64 | 6 Jul 1993 | E | 4.690 | .980 | 3265.31 | 3200.000 | 3323.308 | -123.308 | -3.7 | .08/E | -> |
| 65 | 8 Jul 1993 | E | 4.700 | 1.000 | 3290.00 | 3290.000 | 3338.474 | -48.474 | -1.5 | .03/E | -> |
| 66 | 12 Jul 1993 | E | 4.680 | .990 | 3333.33 | 3300.000 | 3308.156 | -8.156 | -.2 | .01/E | - |
| 67 | 14 Jul 1993 | E | 4.730 | 1.010 | 3405.94 | 3440.000 | 3384.071 | 55.929 | 1.7 | -.04/E | <- |
| 68 | 16 Jul 1993 | E | 4.720 | 1.000 | 3480.00 | 3480.000 | 3368.856 | 111.144 | 3.3 | -.07/E | <- |
| 69 | 19 Jul 1993 | E | 4.740 | .990 | 3464.65 | 3430.000 | 3399.301 | 30.699 | .9 | -.02/E | <- |
| 70 | 21 Jul 1993 | E | 4.600 | .980 | 3153.06 | 3090.000 | 3187.528 | -97.528 | -3.1 | .07/E | -> |
| 71 | 24 Jul 1993 | E | 4.590 | .950 | 3294.74 | 3130.000 | 3172.523 | -42.523 | -1.3 | .03/E | -> |
| 72 | 28 Jul 1993 | E | 4.520 | .990 | 3101.01 | 3070.000 | 3067.944 | 2.056 | .1 | .00/E | - |
| 73 | 30 Jul 1993 | E | 4.440 | .960 | 3135.42 | 3010.000 | 2949.426 | 60.574 | 2.1 | -.04/E | <- |
| 74 | 1 Aug 1993 | E | 4.290 | .920 | 3032.61 | 2790.000 | 2730.160 | 59.840 | 2.2 | -.04/E | <- |
| 75 | 3 Aug 1993 | F | 3.920 | .900 | 2633.33 | 2370.000 | 2208.807 | 161.193 | 7.3 | -.17/F | <<- |
| 76 | 6 Aug 1993 | F | 3.590 | .830 | 2084.34 | 1730.000 | 1912.705 | -182.705 | -9.6 | .21/P | ->> |
| 77 | 9 Aug 1993 | F | 3.430 | .860 | 2151.16 | 1850.000 | 1774.544 | 75.456 | 4.3 | -.09/P | <- |
| 78 | 12 Aug 1993 | F | 3.380 | .840 | 1988.10 | 1670.000 | 1732.111 | -62.111 | -3.6 | .07/P | -> |
| 79 | 16 Aug 1993 | F | 3.280 | .850 | 1894.12 | 1610.000 | 1648.322 | -38.322 | -2.3 | .05/P | -> |
| 80 | 19 Aug 1993 | F | 2.870 | .900 | 1488.89 | 1340.000 | 1320.239 | 19.761 | 1.5 | -.03/P | <- |
| 81 | 23 Aug 1993 | F | 2.880 | .880 | 1556.82 | 1370.000 | 1327.938 | 42.062 | 3.2 | -.05/P | <- |
| 82 | 25 Aug 1993 | F | 2.640 | .890 | 1337.08 | 1190.000 | 1147.531 | 42.469 | 3.7 | -.06/P | <- |
| 83 | 27 Aug 1993 | F | 2.620 | .870 | 1287.36 | 1120.000 | 1132.914 | -12.914 | -1.1 | .02/P | - |

 Institute of Hydrology
 River gaugings for station 17019 : river Amudarya at Tyamyun

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------|-----------------|--------|-------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | (cumecs) | Δ | (m) | |
| 84 | 30 Aug 1993 | P | 2.360 | .840 | 1097.62 | 922.000 | 948.916 | -26.916 | -2.8 | .04/P | -> |
| 85 | 2 Sep 1993 | P | 2.250 | .830 | 1060.24 | 880.000 | 874.537 | 5.463 | .6 | -.01/P | - |
| 86 | 6 Sep 1993 | G | 2.200 | .860 | 972.09 | 836.000 | 1107.686 | -271.686 | -24.5 | .30/G | ->>> |
| 87 | 8 Sep 1993 | G | 2.100 | .840 | 892.86 | 750.000 | 1013.899 | -263.899 | -26.0 | .29/G | ->>> |
| 88 | 10 Sep 1993 | G | 2.600 | .950 | 1189.47 | 1130.000 | 1500.761 | -370.761 | -24.7 | .38/G | ->>>> |
| 89 | 13 Sep 1993 | G | 2.520 | .930 | 1172.04 | 1090.000 | 1419.983 | -329.983 | -23.2 | .34/G | ->>>> |
| 90 | 15 Sep 1993 | G | 2.300 | .870 | 1042.53 | 907.000 | 1203.343 | -296.343 | -24.6 | .32/G | ->>> |
| 91 | 20 Sep 1993 | G | 2.260 | .930 | 954.84 | 888.000 | 1164.861 | -276.861 | -23.8 | .30/G | ->>> |
| 92 | 22 Sep 1993 | G | 2.190 | .970 | 917.53 | 890.000 | 1098.222 | -208.222 | -19.0 | .23/G | ->>> |
| 93 | 24 Sep 1993 | G | 2.610 | 1.010 | 1168.32 | 1180.000 | 1510.931 | -330.931 | -21.9 | .33/G | ->>>> |
| 94 | 27 Sep 1993 | G | 1.720 | .810 | 717.28 | 581.000 | 676.337 | -95.337 | -14.1 | .11/G | -> |
| 95 | 30 Sep 1993 | G | 1.820 | .940 | 678.72 | 638.000 | 762.073 | -124.073 | -16.3 | .15/G | ->> |
| 96 | 1 Oct 1993 | G | 2.060 | 1.030 | 827.18 | 852.000 | 976.929 | -124.929 | -12.8 | .14/G | ->> |
| 97 | 5 Oct 1993 | G | 2.050 | .900 | 732.22 | 659.000 | 967.736 | -308.736 | -31.9 | .35/G | ->>>> |
| 98 | 7 Oct 1993 | G | 1.950 | .900 | 641.11 | 577.000 | 876.930 | -299.930 | -34.2 | .35/G | ->>>> |
| 99 | 8 Oct 1993 | G | 2.090 | .920 | 759.78 | 699.000 | 1004.627 | -305.627 | -30.4 | .34/G | ->>>> |
| 100 | 11 Oct 1993 | G | 1.580 | .860 | 504.65 | 434.000 | 560.448 | -126.448 | -22.6 | .16/G | ->> |
| 101 | 15 Oct 1993 | G | 1.300 | .880 | 377.27 | 332.000 | 345.246 | -13.246 | -3.8 | .02/G | - |
| 102 | 19 Oct 1993 | G | 1.290 | .780 | 366.67 | 286.000 | 338.025 | -52.025 | -15.4 | .07/G | -> |
| 103 | 22 Oct 1993 | G | 1.270 | .800 | 355.00 | 284.000 | 323.689 | -39.689 | -12.3 | .06/G | -> |
| 104 | 28 Oct 1993 | G | 1.170 | .770 | 332.47 | 256.000 | 254.258 | 1.742 | .7 | .00/G | - |
| 105 | 29 Oct 1993 | G | .990 | .620 | 308.06 | 191.000 | 140.214 | 50.786 | 36.2 | -.08/G | <- |
| 106 | 1 Nov 1993 | G | .690 | .430 | 215.81 | 92.800 | 1.614 | 91.186 | 5648.2 | -.22/G | <<- |
| 107 | 5 Nov 1993 | Q | 1.570 | .830 | 507.23 | 421.000 | 450.109 | -29.109 | -6.5 | .06/Q | -> |
| 108 | 8 Nov 1993 | Q | 1.210 | .740 | 352.70 | 261.000 | 278.513 | -17.513 | -6.3 | .04/Q | -> |
| 109 | 16 Nov 1993 | Q | 1.260 | .800 | 372.50 | 298.000 | 301.180 | -3.180 | -1.1 | .01/Q | - |
| 110 | 18 Nov 1993 | Q | 1.290 | .800 | 397.50 | 318.000 | 314.973 | 3.027 | 1.0 | -.01/Q | - |
| 111 | 22 Nov 1993 | Q | 1.410 | .830 | 516.87 | 429.000 | 371.524 | 57.476 | 15.5 | -.12/Q | <- |
| 112 | 24 Nov 1993 | Q | 1.410 | .850 | 438.82 | 373.000 | 371.524 | 1.476 | .4 | .00/Q | - |
| 113 | 26 Nov 1993 | Q | 1.380 | .830 | 456.63 | 379.000 | 357.186 | 21.814 | 6.1 | -.05/Q | <- |
| 114 | 29 Nov 1993 | Q | 1.450 | .820 | 453.66 | 372.000 | 390.842 | -18.842 | -4.8 | .04/Q | -> |
| 115 | 7 Dec 1993 | Q | 1.600 | .790 | 506.33 | 400.000 | 465.222 | -65.222 | -14.0 | .13/Q | ->> |
| 116 | 10 Dec 1993 | Q | 1.680 | .860 | 569.77 | 490.000 | 506.076 | -16.076 | -3.2 | .03/Q | -> |
| 117 | 13 Dec 1993 | Q | 1.770 | .780 | 885.90 | 691.000 | 552.962 | 138.038 | 25.0 | -.26/Q | <<<- |
| 118 | 16 Dec 1993 | Q | 1.850 | .940 | 717.02 | 674.000 | 595.427 | 78.573 | 13.2 | -.14/Q | <<- |
| 119 | 20 Dec 1993 | Q | 1.950 | 1.010 | 735.64 | 743.000 | 649.504 | 93.496 | 14.4 | -.17/Q | <<- |
| 120 | 21 Dec 1993 | Q | 1.920 | .900 | 595.56 | 536.000 | 633.168 | -97.168 | -15.3 | .18/Q | ->> |
| 121 | 29 Dec 1993 | Q | 2.040 | .950 | 629.47 | 598.000 | 699.082 | -101.082 | -14.5 | .19/Q | ->> |

Total number of gaugings = 121 (998 maximum)

river Amudarya at Tyamyun



 Institute of Hydrology
 Annual summary of daily data - Flow

Station number : 17019 Name : Amu Darya at Tyaumuyun

Basin number : 0 Latitude : 0: 0: 0 Longitude : 0: 0: 0 Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| 1 | - | 736. | 1143. | 952. | 583. | 2636. | 3430. | 2660. | 887. | 965. | 4. | 423. |
| 2 | - | 764. | 1076. | 961. | 632. | 2849. | 3453. | 2497. | 891. | 1008. | 23. | 454. |
| 3 | - | 767. | 1074. | 901. | 744. | 3003. | 3426. | 2237. | 877. | 987. | 179. | 477. |
| 4 | - | 727. | 1158. | 862. | 906. | 3122. | 3375. | 2117. | 837. | 928. | 346. | 475. |
| 5 | 480. | 667. | 1171. | 863. | 995. | 3237. | 3352. | 2002. | 802. | 941. | 491. | 471. |
| 6 | 477. | 625. | 1205. | 854. | 1050. | 3390. | 3327. | 1899. | 999. | 924. | 525. | 470. |
| 7 | 473. | 626. | 1266. | 800. | 1071. | 3442. | 3323. | 1827. | 954. | 926. | 363. | 472. |
| 8 | 457. | 619. | 1279. | 825. | 1065. | 3405. | 3325. | 1819. | 1138. | 984. | 285. | 481. |
| 9 | 456. | 618. | 1298. | 823. | 1079. | 3270. | 3337. | 1841. | 1279. | 908. | 201. | 498. |
| 10 | 465. | 622. | 1295. | 797. | 1124. | 3185. | 3338. | 1887. | 1495. | 695. | 192. | 528. |
| 11 | 476. | 620. | 1281. | 706. | 1249. | 3061. | 3338. | 1834. | 1612. | 577. | 210. | 537. |
| 12 | 493. | 624. | 1266. | 591. | 1441. | 3076. | 3338. | 1766. | 1561. | 492. | 190. | 539. |
| 13 | 542. | 575. | 1275. | 492. | 1639. | 3089. | 3342. | 1751. | 1384. | 464. | 174. | 546. |
| 14 | 553. | 581. | 1287. | 371. | 1947. | 3059. | 3361. | 1748. | 1313. | 407. | 152. | 544. |
| 15 | 549. | 646. | 1288. | 258. | 2176. | 2918. | 3346. | 1689. | 1189. | 393. | 166. | 554. |
| 16 | 549. | 648. | 1279. | 187. | 2236. | 2410. | 3369. | 1607. | 1196. | 334. | 280. | 600. |
| 17 | 547. | 647. | 1252. | 165. | 2258. | 2407. | 3394. | 1482. | 1234. | 325. | 317. | 639. |
| 18 | 538. | 648. | 1253. | 159. | 2423. | 2540. | 3388. | 1390. | 1229. | 337. | 331. | 650. |
| 19 | 532. | 670. | 1285. | 133. | 2253. | 2745. | 3390. | 1360. | 1242. | 343. | 395. | 656. |
| 20 | 528. | 753. | 1294. | 95. | 2030. | 2953. | 3333. | 1381. | 1188. | 335. | 383. | 641. |
| 21 | 538. | 770. | 1289. | 87. | 1863. | 3100. | 3236. | 1357. | 1065. | 317. | 369. | 639. |
| 22 | 553. | 786. | 1291. | 104. | 1917. | 3231. | 3161. | 1325. | 1126. | 339. | 367. | 644. |
| 23 | 559. | 777. | 1337. | 216. | 2055. | 3259. | 3126. | 1333. | 1197. | 412. | 367. | 682. |
| 24 | 560. | 790. | 1332. | 295. | 2117. | 3253. | 3159. | 1173. | 1138. | 662. | 367. | 716. |
| 25 | 560. | 832. | 1238. | 414. | 2062. | 3282. | 3129. | 1101. | 879. | 561. | 368. | 716. |
| 26 | 563. | 898. | 1082. | 641. | 1982. | 3338. | 3109. | 1116. | 770. | 385. | 378. | 714. |
| 27 | 586. | 1122. | 854. | 697. | 2037. | 3390. | 3146. | 1117. | 735. | 347. | 400. | 700. |
| 28 | 621. | 1159. | 741. | 640. | 2169. | 3388. | 3105. | 1056. | 687. | 254. | 415. | 694. |
| 29 | 621. | | 743. | 672. | 2284. | 3397. | 2951. | 966. | 600. | 120. | 404. | 694. |
| 30 | 667. | | 834. | 613. | 2396. | 3403. | 2940. | 935. | 783. | 24. | 410. | 694. |
| 31 | 705. | | 939. | | 2516. | | 2816. | 913. | | 7. | | 694. |
| Mean | 542.48 | 725.64 | 1174.4 | 539.18 | 1687.1 | 3094.6 | 3263.4 | 1586.6 | 1076.2 | 538.8 | 301.66 | 588.4 |
| Maximum | 705.43 | 1158.6 | 1336.6 | 960.98 | 2515.9 | 3442.4 | 3452.7 | 2659.9 | 1612.2 | 1008.1 | 524.67 | 716.49 |
| Minimum | 455.62 | 574.92 | 741.47 | 87.399 | 583.36 | 2407.1 | 2815.7 | 913.17 | 599.67 | 7.142 | 4.31 | 423.34 |
| Runoff | 1452967. | 1755477. | 3145391. | 1397544. | 4518678. | 8021109. | 8740673. | 4249614. | 2789528. | 1443113. | 781904. | 3575960. |

Flows in cubic metres per second

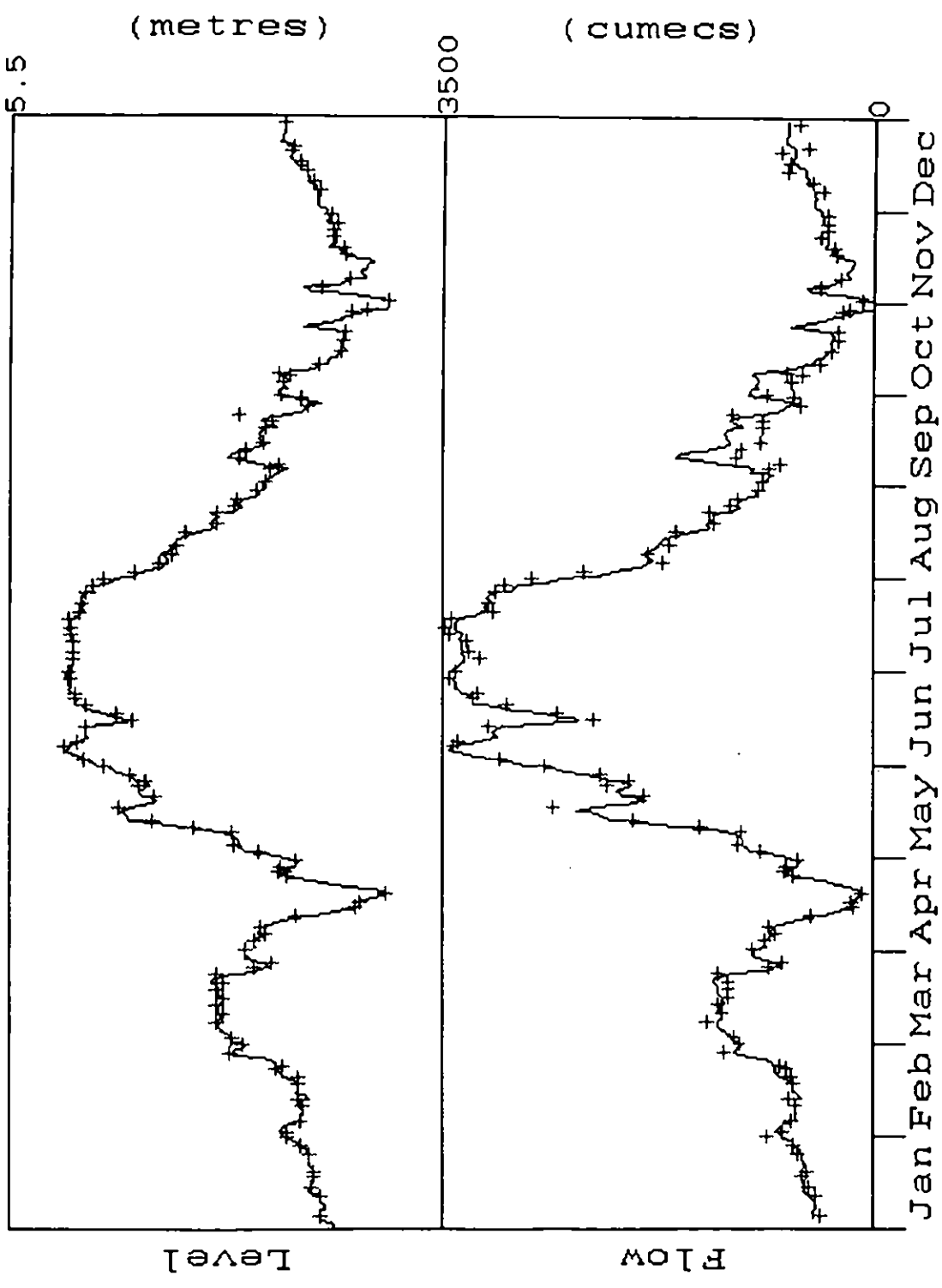
 Annual statistics

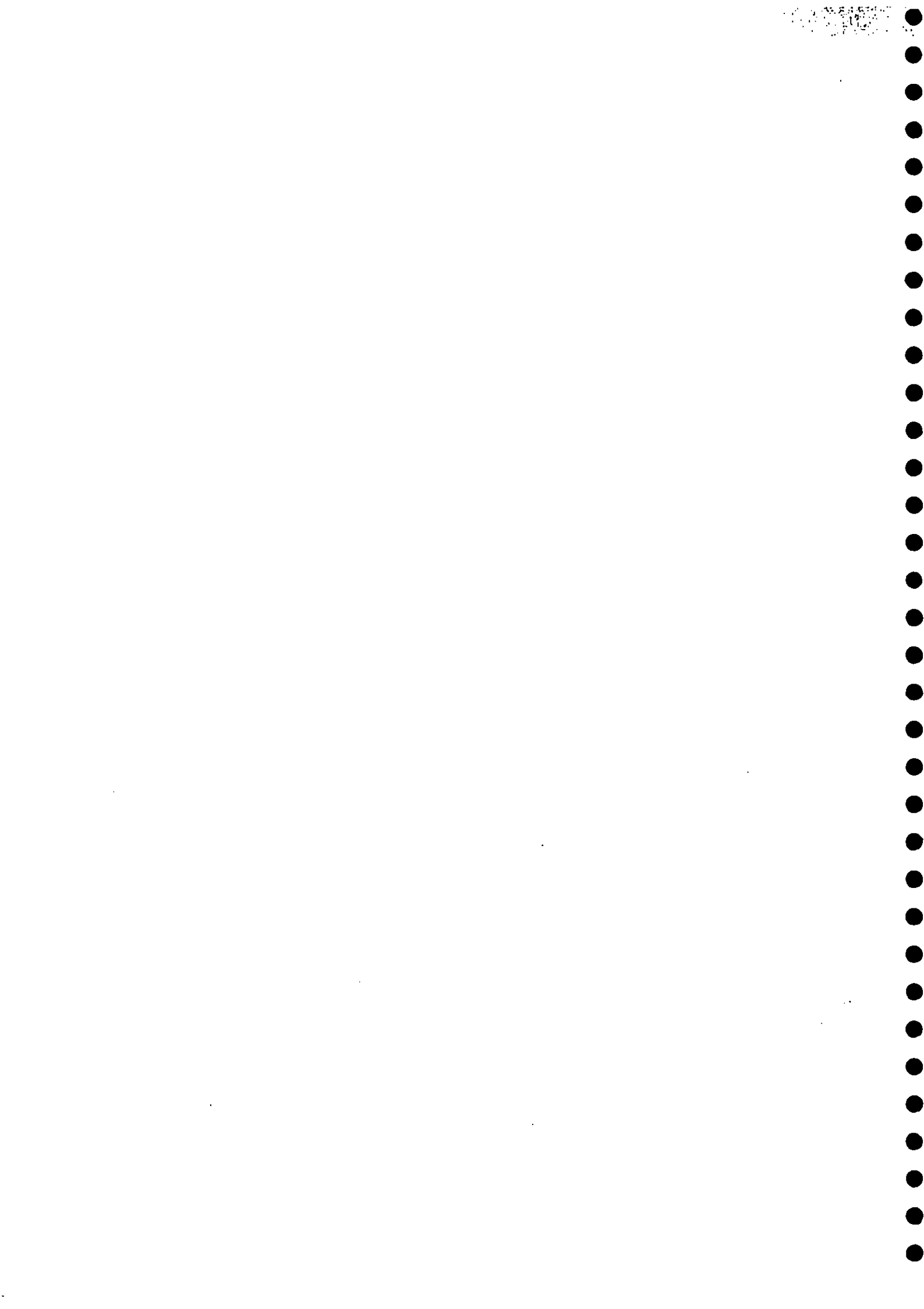
Maximum 3452.734 Minimum 4.310 Mean 1272.329 cubic metres per second
 Total 40124.180 million cubic metres Runoff ***** millimetres

 Possible data flags

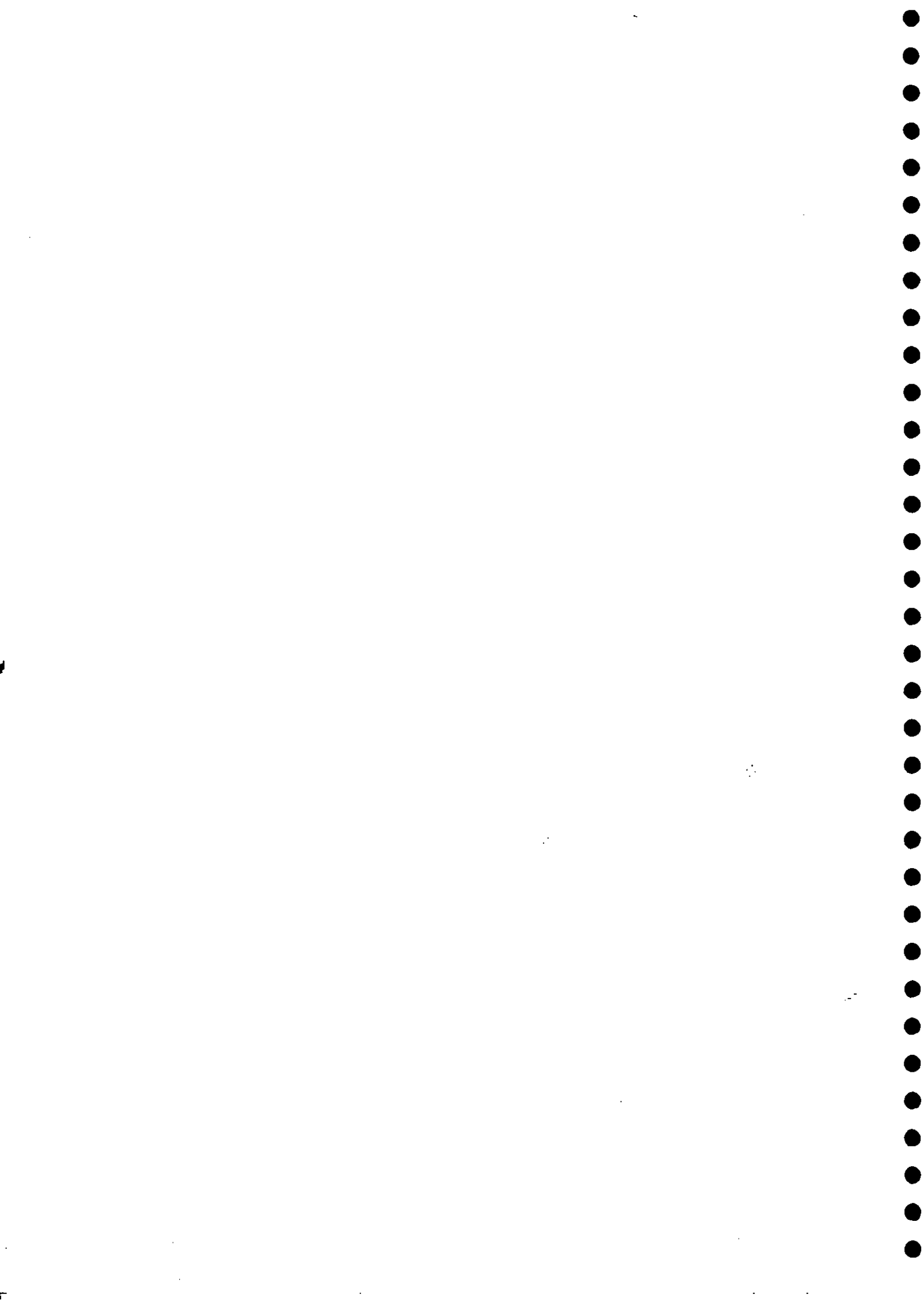
Missing - flag "-- Original - no flag set Estimate - flag "e"

017019 Amu Darya at Tyaumuyun 1993





Station :17221 Sherabad - Derbent



 Institute of Hydrology
 Annual summary of daily data - Stage

Station number : 17221 Name : Sherabad at Derbent

Basin number : 0 Latitude : 0: 0: 0 E Longitude : 0: 0: 0 N Altitude : .0
 Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 1.57 | 1.54 | 1.57 | 1.72 | 1.99 | 2.06 | 2.04 | 1.82 | 1.60 | 1.60 | 1.59 | 1.59 |
| 2 | 1.55 | 1.53 | 1.58 | 1.71 | 1.98 | 2.04 | 2.02 | 1.78 | 1.61 | 1.61 | 1.61 | 1.58 |
| 3 | 1.54 | 1.55 | 1.56 | 1.72 | 2.00 | 2.07 | 2.02 | 1.83 | 1.60 | 1.60 | 1.60 | 1.57 |
| 4 | 1.56 | 1.52 | 1.57 | 1.71 | 1.99 | 2.09 | 2.03 | 1.82 | 1.59 | 1.61 | 1.59 | 1.56 |
| 5 | 1.53 | 1.53 | 1.58 | 1.73 | 2.03 | 2.06 | 2.02 | 1.75 | 1.61 | 1.60 | 1.58 | 1.58 |
| 6 | 1.52 | 1.54 | 1.59 | 1.70 | 2.02 | 2.07 | 1.99 | 1.74 | 1.60 | 1.58 | 1.58 | 1.57 |
| 7 | 1.54 | 1.53 | 1.58 | 1.73 | 2.02 | 2.09 | 2.00 | 1.73 | 1.62 | 1.59 | 1.59 | 1.59 |
| 8 | 1.55 | 1.55 | 1.60 | 1.72 | 2.03 | 2.06 | 1.99 | 1.68 | 1.61 | 1.60 | 1.57 | 1.56 |
| 9 | 1.53 | 1.53 | 1.58 | 1.70 | 2.04 | 2.07 | 2.02 | 1.67 | 1.60 | 1.58 | 1.58 | 1.57 |
| 10 | 1.54 | 1.53 | 1.59 | 1.71 | 2.05 | 2.06 | 2.03 | 1.65 | 1.59 | 1.59 | 1.59 | 1.60 |
| 11 | 1.54 | 1.52 | 1.60 | 1.72 | 2.04 | 2.07 | 1.98 | 1.66 | 1.58 | 1.58 | 1.58 | 1.59 |
| 12 | 1.53 | 1.54 | 1.59 | 1.74 | 2.03 | 2.05 | 2.03 | 1.65 | 1.57 | 1.57 | 1.57 | 1.61 |
| 13 | 1.55 | 1.53 | 1.62 | 1.75 | 2.02 | 2.06 | 2.01 | 1.62 | 1.59 | 1.56 | 1.55 | 1.58 |
| 14 | 1.56 | 1.54 | 1.60 | 1.73 | 2.01 | 2.04 | 2.02 | 1.64 | 1.58 | 1.58 | 1.60 | 1.60 |
| 15 | 1.54 | 1.56 | 1.65 | 1.74 | 2.03 | 2.07 | 2.01 | 1.65 | 1.60 | 1.60 | 1.58 | 1.59 |
| 16 | 1.53 | 1.55 | 1.61 | 1.79 | 2.02 | 2.09 | 1.99 | 1.66 | 1.59 | 1.61 | 1.57 | 1.61 |
| 17 | 1.52 | 1.54 | 1.62 | 1.83 | 2.04 | 2.08 | 1.98 | 1.64 | 1.58 | 1.61 | 1.58 | 1.60 |
| 18 | 1.52 | 1.55 | 1.60 | 1.83 | 2.02 | 2.10 | 2.00 | 1.65 | 1.59 | 1.60 | 1.60 | 1.59 |
| 19 | 1.54 | 1.53 | 1.61 | 1.83 | 2.05 | 2.07 | 2.01 | 1.66 | 1.60 | 1.61 | 1.61 | 1.60 |
| 20 | 1.53 | 1.56 | 1.63 | 1.84 | 2.02 | 2.06 | 2.00 | 1.64 | 1.58 | 1.62 | 1.59 | 1.58 |
| 21 | 1.53 | 1.57 | 1.63 | 1.85 | 2.04 | 2.10 | 1.98 | 1.65 | 1.59 | 1.60 | 1.59 | 1.62 |
| 22 | 1.53 | 1.58 | 1.62 | 1.83 | 2.05 | 2.09 | 1.97 | 1.66 | 1.57 | 1.58 | 1.58 | 1.60 |
| 23 | 1.52 | 1.56 | 1.65 | 1.85 | 2.04 | 2.04 | 1.96 | 1.64 | 1.59 | 1.58 | 1.57 | 1.59 |
| 24 | 1.54 | 1.57 | 1.67 | 1.91 | 2.04 | 2.05 | 1.94 | 1.63 | 1.58 | 1.59 | 1.59 | 1.58 |
| 25 | 1.52 | 1.55 | 1.68 | 1.92 | 2.02 | 2.03 | 1.93 | 1.61 | 1.58 | 1.60 | 1.60 | 1.60 |
| 26 | 1.53 | 1.56 | 1.69 | 1.95 | 2.02 | 2.04 | 1.98 | 1.60 | 1.59 | 1.59 | 1.61 | 1.59 |
| 27 | 1.52 | 1.57 | 1.70 | 1.95 | 2.04 | 2.04 | 1.93 | 1.59 | 1.58 | 1.60 | 1.61 | 1.61 |
| 28 | 1.53 | 1.58 | 1.72 | 2.00 | 2.03 | 2.03 | 1.97 | 1.59 | 1.59 | 1.61 | 1.59 | 1.62 |
| 29 | 1.53 | | 1.73 | 2.05 | 2.05 | 2.04 | 1.93 | 1.58 | 1.57 | 1.61 | 1.58 | 1.59 |
| 30 | 1.52 | | 1.72 | 2.02 | 2.06 | 2.05 | 1.92 | 1.62 | 1.60 | 1.61 | 1.59 | 1.60 |
| 31 | 1.54 | | 1.70 | | 2.08 | | 1.80 | 1.60 | | 1.60 | | 1.59 |
| Mean | 1.54 | 1.55 | 1.63 | 1.81 | 2.03 | 2.06 | 1.98 | 1.67 | 1.59 | 1.60 | 1.59 | 1.59 |
| Maximum | 1.57 | 1.58 | 1.73 | 2.05 | 2.08 | 2.10 | 2.04 | 1.83 | 1.62 | 1.62 | 1.61 | 1.62 |
| Minimum | 1.52 | 1.52 | 1.56 | 1.70 | 1.98 | 2.03 | 1.80 | 1.58 | 1.57 | 1.56 | 1.55 | 1.56 |

Daily mean levels in metres

 Insufficient data for annual statistics

Possible data flags

Missing - flag "--"

Original - no flag set

 Institute of Hydrology
 River gaugings for station 17221 : Sherabad at Derbent

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | | ---- Stage ---- | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------------|---------|-----------------|------|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | Diff. (cumecs) | Diff. % | Diff./Rat. | Plot |
| 1 | 3 Jan 1993 | A | 1.550 | .910 | 4.49 | 4.090 | 4.130 | -.040 | -1.0 | .00/A | - |
| 2 | 17 Jan 1993 | A | 1.520 | .850 | 4.22 | 3.590 | 3.534 | .056 | 1.6 | .00/A | - |
| 3 | 30 Jan 1993 | A | 1.530 | .930 | 4.26 | 3.960 | 3.726 | .234 | 6.3 | -.01/A | - |
| 4 | 7 Feb 1993 | A | 1.530 | .820 | 4.56 | 3.740 | 3.726 | .014 | .4 | .00/A | - |
| 5 | 14 Feb 1993 | A | 1.540 | .820 | 4.63 | 3.800 | 3.924 | -.124 | -3.2 | .01/A | - |
| 6 | 21 Feb 1993 | A | 1.550 | .850 | 4.79 | 4.070 | 4.130 | -.060 | -1.4 | .00/A | - |
| 7 | 27 Feb 1993 | A | 1.580 | .870 | 5.26 | 4.580 | 4.787 | -.207 | -4.3 | .01/A | - |
| 8 | 7 Mar 1993 | A | 1.600 | 1.080 | 6.01 | 6.490 | 5.260 | 1.230 | 23.4 | -.05/A | <- |
| 9 | 13 Mar 1993 | A | 1.670 | 1.020 | 6.23 | 6.350 | 7.151 | -.801 | -11.2 | .03/A | -> |
| 10 | 20 Mar 1993 | A | 1.640 | 1.190 | 6.62 | 7.880 | 6.295 | 1.585 | 25.2 | -.05/A | <- |
| 11 | 26 Mar 1993 | A | 1.700 | .970 | 6.34 | 6.150 | 8.078 | -1.928 | -23.9 | .07/A | -> |
| 12 | 30 Mar 1993 | A | 1.720 | 1.080 | 5.94 | 6.410 | 8.737 | -2.327 | -26.6 | .08/A | -> |
| 13 | 3 Apr 1993 | A | 1.720 | 1.210 | 6.24 | 7.550 | 8.737 | -1.187 | -13.6 | .04/A | -> |
| 14 | 6 Apr 1993 | A | 1.750 | 1.370 | 7.74 | 10.600 | 9.789 | .811 | 8.3 | -.02/A | <- |
| 15 | 10 Apr 1993 | A | 1.740 | 1.320 | 7.73 | 10.200 | 9.430 | .770 | 8.2 | -.02/A | <- |
| 16 | 13 Apr 1993 | A | 1.860 | 1.740 | 10.29 | 17.900 | 14.333 | 3.567 | 24.9 | -.07/A | <- |
| 17 | 17 Apr 1993 | A | 1.930 | 1.670 | 11.32 | 18.900 | 17.827 | 1.073 | 6.0 | -.02/A | - |
| 18 | 25 Apr 1993 | A | 1.950 | 1.750 | 10.91 | 19.100 | 18.916 | .184 | 1.0 | .00/A | - |
| 19 | 28 Apr 1993 | A | 2.010 | 1.730 | 12.14 | 21.000 | 22.439 | -1.439 | -6.4 | .02/A | -> |
| 20 | 2 May 1993 | A | 2.010 | 1.830 | 12.90 | 23.600 | 22.439 | 1.161 | 5.2 | -.02/A | - |
| 21 | 9 May 1993 | B | 2.060 | 1.710 | 13.86 | 23.700 | 24.446 | -.746 | -3.1 | .01/B | - |
| 22 | 14 May 1993 | ? | 2.050 | 2.230 | 15.61 | 34.800 | 23.391 | 11.409 | 48.8 | -.10/B | <- |
| 23 | 18 May 1993 | B | 2.050 | 1.720 | 15.47 | 26.600 | 23.391 | 3.209 | 13.7 | -.03/B | <- |
| 24 | 22 May 1993 | B | 2.050 | 1.790 | 16.37 | 29.300 | 23.391 | 5.909 | 25.3 | -.05/B | <- |
| 25 | 24 May 1993 | B | 2.100 | 1.850 | 16.76 | 31.000 | 28.941 | 2.059 | 7.1 | -.02/B | - |
| 26 | 30 May 1993 | B | 2.110 | 1.850 | 15.41 | 28.500 | 30.134 | -1.634 | -5.4 | .01/B | - |
| 27 | 5 Jun 1993 | B | 2.080 | 1.720 | 14.94 | 25.700 | 26.638 | -.938 | -3.5 | .01/B | - |
| 28 | 10 Jun 1993 | B | 2.070 | 1.750 | 15.71 | 27.500 | 25.528 | 1.972 | 7.7 | -.02/B | - |
| 29 | 14 Jun 1993 | B | 2.090 | 1.650 | 15.33 | 25.300 | 27.776 | -2.476 | -8.9 | .02/B | -> |
| 30 | 18 Jun 1993 | B | 2.110 | 1.720 | 15.52 | 26.700 | 30.134 | -3.434 | -11.4 | .03/B | -> |
| 31 | 22 Jun 1993 | B | 2.070 | 1.680 | 14.70 | 24.700 | 25.528 | -.828 | -3.2 | .01/B | - |
| 32 | 25 Jun 1993 | B | 2.050 | 1.530 | 13.14 | 20.100 | 23.391 | -3.291 | -14.1 | .03/B | -> |
| 33 | 30 Jun 1993 | B | 2.040 | 1.590 | 12.77 | 20.300 | 22.363 | -2.063 | -9.2 | .02/B | -> |
| 34 | 2 Jul 1993 | B | 2.010 | 1.430 | 12.59 | 18.000 | 19.439 | -1.439 | -7.4 | .02/B | - |
| 35 | 12 Jul 1993 | B | 2.010 | 1.500 | 12.67 | 19.000 | 19.439 | -.439 | -2.3 | .00/B | - |
| 36 | 17 Jul 1993 | B | 1.990 | 1.460 | 11.30 | 16.500 | 17.620 | -1.120 | -6.4 | .01/B | - |
| 37 | 25 Jul 1993 | B | 1.980 | 1.320 | 10.38 | 13.700 | 16.750 | -3.050 | -18.2 | .04/B | -> |
| 38 | 30 Jul 1993 | B | 1.920 | 1.290 | 10.23 | 13.200 | 12.058 | 1.142 | 9.5 | -.02/B | - |
| 39 | 5 Aug 1993 | C | 1.800 | 1.210 | 9.42 | 11.400 | 14.898 | -3.498 | -23.5 | .06/C | -> |
| 40 | 14 Aug 1993 | C | 1.650 | 1.300 | 9.23 | 12.000 | 7.055 | 4.945 | 70.1 | -.10/C | <- |
| 41 | 21 Aug 1993 | C | 1.640 | 1.320 | 8.56 | 11.300 | 6.583 | 4.717 | 71.7 | -.09/C | <- |

 Institute of Hydrology
 River gaugings for station 17221 : Sherabad at Derbent

| Order Number | Date | Rating | Stage (m) | Velocity (m/s) | Area (sq m) | ----- Discharge ----- | | | ---- Stage ---- | | |
|--------------|-------------|--------|-----------|----------------|-------------|-----------------------|---------------------|----------|-----------------|--------|----|
| | | | | | | Measured (cumecs) | Calculated (cumecs) | (cumecs) | Δ | (m) | |
| 42 | 30 Aug 1993 | C | 1.600 | 1.040 | 5.60 | 5.820 | 4.777 | 1.043 | 21.8 | -.02/C | <- |
| 43 | 4 Sep 1993 | C | 1.590 | 1.010 | 5.99 | 6.050 | 4.348 | 1.702 | 39.2 | -.04/C | <- |
| 44 | 19 Sep 1993 | C | 1.600 | .940 | 4.61 | 4.330 | 4.777 | -.447 | -9.4 | .01/C | - |
| 45 | 26 Sep 1993 | C | 1.580 | .930 | 4.19 | 3.900 | 3.928 | -.028 | -.7 | .00/C | - |
| 46 | 4 Oct 1993 | C | 1.600 | .920 | 4.41 | 4.060 | 4.777 | -.717 | -15.0 | .02/C | - |
| 47 | 16 Oct 1993 | C | 1.610 | .920 | 3.93 | 3.620 | 5.216 | -1.596 | -30.6 | .04/C | -> |
| 48 | 30 Oct 1993 | C | 1.600 | .910 | 4.03 | 3.670 | 4.777 | -1.107 | -23.2 | .03/C | -> |
| 49 | 5 Nov 1993 | C | 1.600 | .970 | 4.22 | 4.090 | 4.777 | -.687 | -14.4 | .02/C | - |
| 50 | 15 Nov 1993 | C | 1.580 | 1.090 | 4.05 | 4.410 | 3.928 | .482 | 12.3 | -.01/C | - |
| 51 | 28 Nov 1993 | C | 1.570 | .860 | 4.21 | 3.620 | 3.518 | .102 | 2.9 | .00/C | - |
| 52 | 4 Dec 1993 | C | 1.560 | .820 | 4.27 | 3.500 | 3.118 | .382 | 12.2 | -.01/C | - |
| 53 | 17 Dec 1993 | C | 1.590 | .830 | 4.22 | 3.500 | 4.348 | -.848 | -19.5 | .02/C | -> |
| 54 | 29 Dec 1993 | C | 1.600 | .810 | 4.27 | 3.460 | 4.777 | -1.317 | -27.6 | .03/C | -> |

Total number of gaugings = 54 (998 maximum)

Institute of Hydrology
Annual summary of daily data - Flow

Station number : 17221 Name : Sherabad at derbent

Basin number : 0 Latitude : 0: 0: 0 Longitude : 0: 0: 0 Altitude : .0
Area : 1.0

Year : 1993

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | - | 3.90 | 4.62 | 8.61 | 21.38 | 24.45 | 22.24 | 5.80 | 4.83 | 4.83 | 4.51 | 4.30 |
| 2 | - | 3.80 | 4.70 | 8.49 | 20.85 | 23.01 | 20.63 | 4.88 | 5.11 | 5.11 | 5.05 | 3.93 |
| 3 | 4.00 | 4.00 | 4.42 | 8.65 | 21.60 | 25.40 | 20.51 | 6.28 | 4.78 | 4.89 | 4.78 | 3.52 |
| 4 | 4.21 | 3.63 | 4.56 | 8.53 | 21.60 | 27.07 | 21.12 | 5.82 | 4.51 | 5.11 | 4.35 | 3.27 |
| 5 | 3.78 | 3.73 | 4.79 | 8.87 | 23.31 | 24.99 | 20.16 | 12.55 | 5.05 | 4.72 | 3.98 | 3.77 |
| 6 | 3.61 | 3.87 | 4.96 | 8.32 | 23.14 | 25.67 | 18.07 | 11.60 | 4.94 | 4.09 | 3.98 | 3.67 |
| 7 | 3.90 | 3.80 | 4.87 | 8.91 | 23.14 | 27.07 | 18.29 | 10.81 | 5.49 | 4.35 | 4.19 | 4.09 |
| 8 | 4.05 | 4.03 | 5.14 | 8.70 | 23.70 | 24.99 | 18.07 | 8.77 | 5.22 | 4.62 | 3.67 | 3.32 |
| 9 | 3.80 | 3.78 | 4.87 | 8.20 | 22.36 | 25.26 | 20.16 | 7.96 | 4.78 | 4.09 | 3.93 | 3.62 |
| 10 | 3.90 | 3.70 | 5.02 | 8.40 | 23.13 | 24.72 | 20.64 | 7.23 | 4.35 | 4.24 | 4.24 | 4.56 |
| 11 | 3.90 | 3.61 | 5.20 | 8.78 | 22.36 | 25.12 | 17.86 | 7.41 | 3.93 | 3.93 | 3.93 | 4.51 |
| 12 | 3.80 | 3.85 | 5.14 | 9.39 | 21.36 | 23.79 | 20.52 | 6.94 | 3.67 | 3.52 | 3.47 | 4.94 |
| 13 | 4.11 | 3.78 | 5.60 | 9.65 | 20.39 | 24.05 | 19.79 | 5.95 | 4.19 | 3.27 | 3.08 | 4.19 |
| 14 | 4.26 | 3.95 | 5.48 | 9.21 | 19.79 | 23.01 | 20.15 | 6.53 | 4.09 | 3.93 | 4.41 | 4.62 |
| 15 | 3.95 | 4.26 | 6.27 | 9.61 | 21.00 | 25.40 | 19.33 | 7.05 | 4.62 | 4.72 | 3.98 | 4.51 |
| 16 | 3.73 | 4.13 | 5.67 | 11.27 | 20.75 | 27.35 | 17.74 | 7.35 | 4.35 | 5.16 | 3.62 | 5.05 |
| 17 | 3.56 | 3.97 | 5.67 | 12.77 | 21.86 | 27.06 | 17.08 | 6.76 | 4.03 | 5.16 | 3.98 | 4.78 |
| 18 | 3.58 | 4.05 | 5.35 | 12.98 | 21.00 | 28.22 | 18.41 | 7.05 | 4.35 | 4.89 | 4.72 | 4.45 |
| 19 | 3.85 | 3.85 | 5.54 | 13.04 | 22.63 | 25.81 | 19.21 | 7.35 | 4.62 | 5.22 | 5.05 | 4.62 |
| 20 | 3.75 | 4.29 | 5.96 | 13.42 | 21.00 | 25.13 | 18.41 | 6.76 | 4.09 | 5.49 | 4.45 | 4.24 |
| 21 | 3.73 | 4.56 | 5.99 | 13.70 | 22.24 | 28.22 | 16.86 | 7.05 | 4.19 | 4.78 | 4.30 | 5.33 |
| 22 | 3.70 | 4.70 | 5.89 | 13.20 | 23.13 | 27.22 | 15.91 | 7.35 | 3.72 | 4.03 | 3.93 | 4.83 |
| 23 | 3.61 | 4.42 | 6.54 | 14.11 | 22.49 | 23.15 | 14.99 | 6.64 | 4.19 | 3.98 | 3.67 | 4.35 |
| 24 | 3.83 | 4.48 | 7.11 | 16.47 | 22.11 | 23.00 | 13.62 | 6.06 | 3.98 | 4.35 | 4.30 | 4.09 |
| 25 | 3.61 | 4.21 | 7.45 | 17.43 | 20.63 | 21.74 | 13.35 | 5.27 | 3.98 | 4.67 | 4.78 | 4.62 |
| 26 | 3.68 | 4.34 | 7.76 | 18.71 | 20.63 | 22.24 | 15.72 | 4.78 | 4.24 | 4.45 | 5.16 | 4.51 |
| 27 | 3.58 | 4.56 | 8.12 | 19.27 | 21.99 | 22.24 | 13.63 | 4.40 | 4.03 | 4.78 | 5.11 | 5.16 |
| 28 | 3.70 | 4.73 | 8.70 | 21.84 | 21.74 | 21.61 | 15.10 | 4.30 | 4.19 | 5.16 | 4.40 | 5.44 |
| 29 | 3.70 | | 8.99 | 24.35 | 23.26 | 22.36 | 13.07 | 4.19 | 3.78 | 5.22 | 4.03 | 4.56 |
| 30 | 3.61 | | 8.70 | 23.07 | 24.58 | 23.13 | 11.19 | 5.33 | 4.62 | 5.16 | 4.30 | 4.67 |
| 31 | 3.88 | | 8.24 | | 26.08 | | 6.10 | 4.89 | | 4.78 | | 4.40 |
| Mean | 3.8047 | 4.0709 | 6.0432 | 12.599 | 22.104 | 24.749 | 17.351 | 6.8111 | 4.3964 | 4.6025 | 4.2443 | 4.3841 |
| Maximum | 4.262 | 4.73 | 8.993 | 24.354 | 26.083 | 28.219 | 22.24 | 12.551 | 5.495 | 5.495 | 5.161 | 5.44 |
| Minimum | 3.557 | 3.606 | 4.424 | 8.2 | 19.793 | 21.61 | 6.097 | 4.192 | 3.671 | 3.268 | 3.075 | 3.268 |
| Runoff | 10190. | 9848.4 | 16186. | 32658. | 59205. | 64148. | 46474. | 18243. | 11396. | 12327. | 11001. | 11742. |

Flows in cubic metres per second

Annual statistics

Maximum 28.219 Minimum 3.075 Mean 9.653 cubic metres per second
Total 304.429 million cubic metres Runoff 304428.700 millimetres

Possible data flags

Missing - flag "-- Original - no flag set Estimate - flag "e"

017221 Sherabad at derbent 1993

