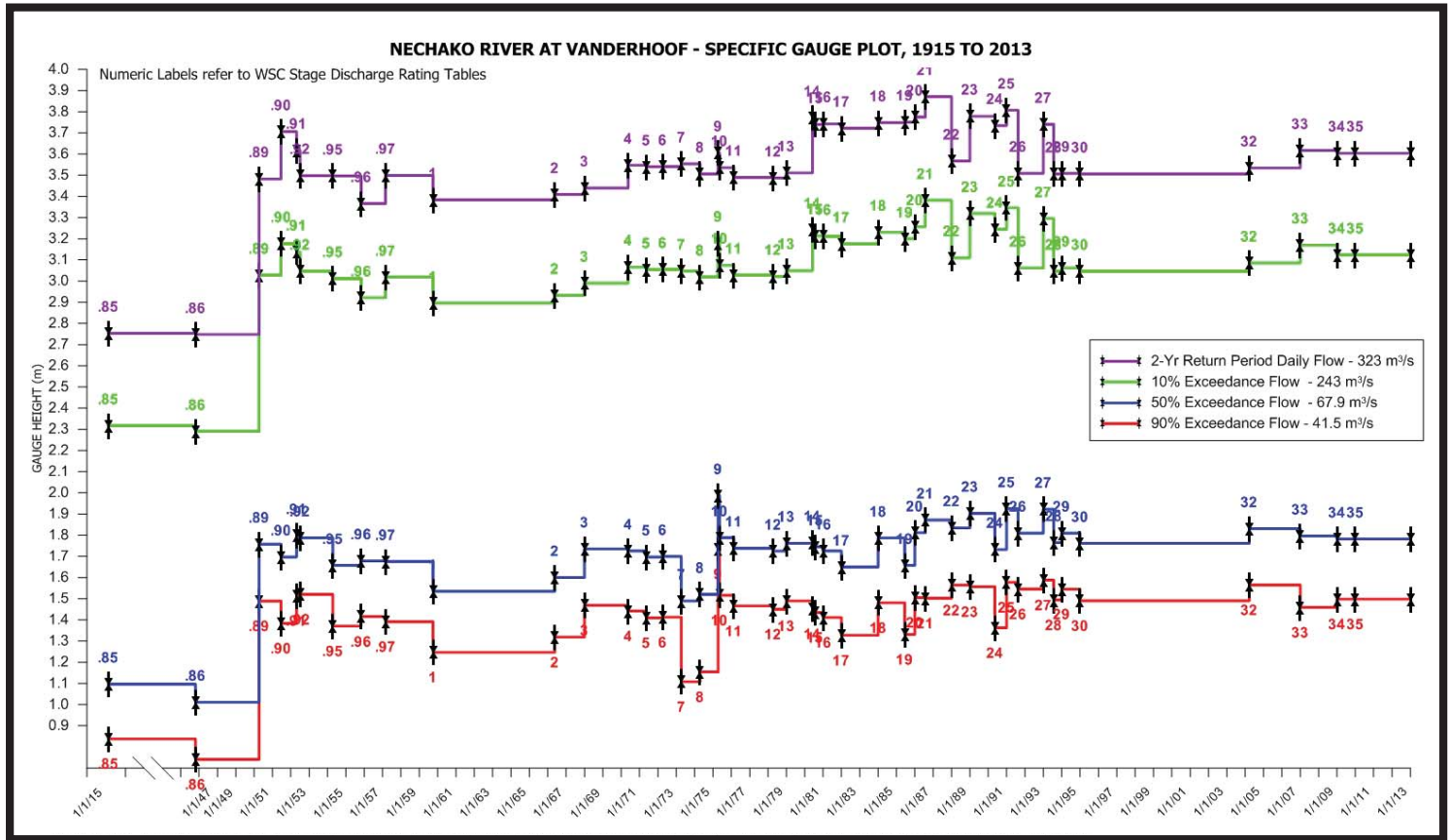


SPECIFIC GAUGE ANALYSIS FOR THREE LONG TERM WATER SURVEY OF CANADA STREAM GAUGING STATIONS ON NECHAKO RIVER



Prepared for:

ZSOLT SARY, R.P.Bio.
MINISTRY OF FORESTS, LANDS AND
NATURAL RESOURCE OPERATIONS
 2000 S. Ospika Blvd.
 Prince George, BC V2N 4W5

Tel: 250-614-7454
 email: Zsolt.Sary@gov.bc.ca

Prepared by:

M. Miles and Associates Ltd.
 645 Island Road
 Victoria, BC V8S 2T7

Tel: 250-595-0653
 email: mikemiles@shaw.ca

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Zsolt Sary	BC Ministry of Forests, Lands and Natural Resource Operations, Prince George
Lynne Campo	Water Survey of Canada, Vancouver
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STATEMENT OF LIMITATIONS OF REPORT

This document has been prepared by M. Miles and Associates Ltd. [MMA] for the exclusive use and benefit of the BC Ministry of Forests, Lands and Natural Resource Operations. No other party is entitled to rely on any of the conclusions, data, opinions, or any other information contained in this document.

This document represents MMA's best professional judgement based on the information available at the time of its completion and as appropriate for the project scope of work. Services performed in developing the content of this document have been conducted in a manner consistent with that level and skill ordinarily exercised by scientists and engineers currently practicing under similar conditions. No warranty, expressed or implied, is made.

SPECIFIC GAUGE ANALYSIS FOR THREE LONG TERM WATER SURVEY OF CANADA STREAM GAUGING STATIONS ON NECHAKO RIVER

1: INTRODUCTION AND OBJECTIVES

The BC Ministry of Forests, Lands and Natural Resource Operations [BCFLNRO] has requested M. Miles and Associates Ltd. [MMA] to analyze data collected by the Water Survey of Canada [WSC] at three long term gauging stations on Nechako River. As described in the Local Minor Service contract 01070-20/GS14820019 MMA was to:

“complete a specific gauge analysis of the Water Survey of Canada (WSC) stations on the Nechako River at: Vanderhoof (Station 08JC001); also at Isle Pierre (08JC002) and below Cheslatta Falls (08JA017) for comparisons and to validate results”.

2: PREVIOUS STUDIES

Kenney Dam was constructed on upper Nechako River in the early 1950's and numerous studies have been undertaken to evaluate the effects of river regulation on fish or fish habitat (see www.neef.ca/resourcelibrary.html). northwest hydraulics consultants ltd. [nhc] evaluated historical changes in channel geomorphology of the lower Nechako River (nhc, 2003 and nhc & McAdam, 2003) and this analysis included preparing a 'specific gauge analysis' for the WSC's stream gauging stations Nechako River at Vanderhoof (1948 to 2003) and Nechako River at Isle Pierre (1950-2003).

The specific gauge analyses were subsequently published in a paper by which discusses the potential 'linkages between white sturgeon and altered bed substrates' on Nechako River. The authors present the hypothesis that:

'sediment input from an upstream channel avulsion in 1961, in combination with elevated flows in 1964 and 1967, led to alterations to riverbed substrates in critical white sturgeon habitat. Using air photos and specific gauge analysis, we identified a "sediment wave" in the upper Nechako River. The timing and location of avulsion sediments indicates that recruitment failure is most likely due to alteration of main channel substrates rather than the loss of off-channel habitat.'

McAdam, Walters and Nistor (2005), page 1448

The paper states that the:

'specific gauge analysis for the Vanderhoof water survey site indicates relatively stable conditions from the period of dam completion until 1970, when a period of aggradation began. The most significant aggradation occurred between 1975 and 1995, and a period of degradation began in 1996. In addition, the technical notes recorded for this site indicate large accumulations of sand and gravel in 1972 and 1976.'

McAdam, Walters and Nistor (2005), page 1451

The report by nhc and McAdam (2003) suggests that the sediment which was deposited at Vanderhoof in the mid 1970's principally originated from one or more channel avulsions which occurred on the Cheslatta Fan at the confluence of Cheslatta and Nechako Rivers (see nhc and MMA, 2009). However, further investigation of the downstream capacity for sediment transport appears warranted as there are low gradient sediment deposition areas between River Kms 40 to 42, 47 to 50 and 92 to 99. The reduced transport capacity in these sections of channel indicate that only fine textured sediments would have been transported downstream (see Rood, 1998a, b, c; nhc and MMA, 2009). The present analysis represents an initial step in this process of re-evaluating how sediment has moved downstream through Nechako River in the post-regulation period.

The objective of this study is to prepare a specific gauge analysis for the previously un-analyzed upstream gauging station Nechako River below Cheslatta Falls and update the previously completed specific gauge analyses for the stations Nechako River at Vanderhoof and Nechako River at Isle Pierre. The location of these three WSC gauging sites is shown on Figure 2.1. These sites are located at river Kms 19, 158 and 228, respectively (see MMA, 2007). We have prepared some initial comments on the results of the specific gauge plots. However, the detailed studies that would be necessary to reliably interpret these analyses are not included in the present contract.

3: METHODOLOGY

The WSC regularly measures stream flow or discharge over a range of water levels at each of its gauging stations. These data are used to develop a relationship between discharge and water level which can take the form of a rating table or a rating curve. These relationships are regularly updated as required due to changing channel conditions. The rating tables or curves can be used to generate a specific gauge analysis or plot which shows how the gauge height associated with one or more discharges has varied over time. This analysis can identify trends in water level elevations which can be indicative of sediment deposition or evacuation. However, other factors, such as the growth of aquatic vegetation or changes in the channel morphometry, could also be influencing this relationship. The reliable interpretation of these analyses must therefore also consider information such as the WSC technician field notes, changes in channel characteristics over time as indicated by the analysis of historical air photos and ideally an on-site inspection. It is also critical that the effects of any relocation or reinstallation of the gauging station is appropriately considered.

The WSC station description and gauge history was initially obtained to determine the station characteristics, the available records and to see if the gauge had been moved (see Table 3.1). The daily discharge data were also obtained for each site. Where available, the data have been compiled to reflect pre-regulation conditions prior to 1952, the initial operating regime following reservoir filling (1957 to 1979) and the post 1980 operating regime which includes summer reservoir releases to regulate river temperatures in the lower river (see discussion in Environmental Dynamics et al., 2003). Flow duration curves and flood frequency analyses^{*1} were prepared for each data set to examine how these statistics have changed over time.

1 Flood frequency analyses were undertaken using the BC Government program FREQAN. Data were fitted by the Log Pearson Type III distribution. Due to the regulated nature of the flows, this analysis may not provide a reliable indication of the size of potential extreme events and must not be used as a basis for design.

Copies of all the rating tables and curves which have been employed by the WSC were reviewed to determine their period of use and the range of flows over which they were valid. The data on the rating curves were entered into the computer program TableCurve 2D version 5.01 (see <http://www.sigmaplot.com/products/tablecurve2d/tablecurve2d.php>) and a numerical equation was generated, along with the 95% prediction confidence limits, describing the relationship between gauge height and river discharge. Following a review of the hydrological statistics and the range in flows covered by the WSC rating tables, it was decided to base the specific gauge analyses on the post 1980 values for the estimated two year return period daily flood and the 10%, 50% and 90% exceedance flows.

4: SPECIFIC GAUGE ANALYSIS

4.1 NECHAKO RIVER BELOW CHESLATTA FALLS

The Nechako River below Cheslatta Falls gauge is located 19 river km downstream of Kenney Dam and 10 km downstream of the confluence with Cheslatta River. The upstream basin area is 15,500 km² (including 14,000 km² which is regulated by Kenney Dam).

The gauge began operation in 1980 and all measured flows are representative of the present operational regime. Representative flows are summarized on Table 4.1.1. The post 1980 90%, 50% and 10% exceedance flows and the two year return period daily flows are 31, 43, 178 and 279 m³/sec, respectively. The rating tables or curves employed by the WSC are summarized on Table 4.1.2. A compilation of the assembled hydrologic data is presented in Appendix 1 as relevant background material and to facilitate any future analyses.

The specific gauge height associated with the four selected discharges have been calculated based on the developed numerical relationships for each rating table (see Appendix 1). The results are summarized on Table 4.1.3 and illustrated on Figure 4.1.1. This analysis indicates that there has been a progressive gradual increase in water level over the period of record. The magnitude of this change ranges from 0.010 m for the 90% exceedance flow to 0.070 m for the two year flood flow. The total change in water level is small but there is a consistent trend over the period of record.

The location of the gauging station Nechako River below Cheslatta Falls is illustrated on Figure 4.1.2 based on location coordinates provided in the WSC station description. As discussed in EDI et al. (2003), post regulation changes in this upper section of Nechako River have principally involved a narrowing of the unvegetated channel and a loss of secondary channels due to a combination of vegetation development and sediment deposition. This reduction in conveyance area is likely the cause of the slight increase in gauge heights which has occurred in the post 1980 record.

4.2 NECHAKO RIVER AT VANDERHOOF

The Nechako River at Vanderhoof gauge is located 158 river km downstream of Kenney Dam. The upstream basin area is 25,200 km² (including 14,000 km² which is regulated by Kenney Dam).

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The gauge has one year of data from operation in 1915 and includes approximately four years of pre-regulation data. The subsequent flows are representative of reservoir infilling and both the pre- and post 1980 operational regime. Representative flows are summarized on Table 4.2.1. The post 1980 90%, 50% and 10% exceedance flows and the two year return period daily flows are 42, 68, 243 and 323 m³/sec, respectively. The rating tables or curves employed by the WSC are summarized on Table 4.2.2. A compilation of the assembled hydrologic data is presented in Appendix 2 as relevant background material and to facilitate any future analyses.

The specific gauge height associated with the four selected discharges have been calculated based on the developed numerical relationships for each rating table (see Appendix 2). The results are summarized on Table 4.2.3 and illustrated on Figure 4.2.1. Data for the period between 1947 and the early 1950's shows a trend of rising water level with the biggest increase occurring in 1951. The magnitude of this change for the four analyzed flows varies between 0.68 to 0.95 m and the timing of maximum water levels ranges between 1953 and 1954. Water levels then decrease by 0.27 to 0.32 m for all flows over the period to 1968. All water levels then increase with the maximum values for the 90% and 50% exceedance flows occurring in 1994; the peak for the 10% exceedance and 2-year flood flow occurs in 1989. The increase in stage varies between 0.34 and 0.49 m. All water levels subsequently decrease by 0.09 to 0.27 m over the period to 2014. There has been a net increase in water level 0.67 to 0.85 m over the period since 1947.

Inspection of the WSC's 'gauge history' information in Appendix 2 indicates that the Vanderhoof station has required extensive maintenance and the effects of this work could affect the specific gauge analyses. Additional investigation is therefore needed before the specific gauge plot can be reliably interpreted. For example, it may be necessary to calculate the geodetic water level associated with the gauge heights to evaluate the effect of changing station characteristics.

The location of the gauging station Nechako River at Vanderhoof is illustrated on Figure 4.2.2. Historical air photos analyses of the Vanderhoof area over the period between 1946 and 1985 were undertaken by nhc and McAdam (2003) and a more extensive analysis by MMA covering the period between 1928 and 2006 was presented at the February 2013 Nechako River Sturgeon Recovery Initiative Charrette in February 2013. These analyses indicate that the multithreaded section of channel immediately upstream of Vanderhoof is a sediment depositional area. The numerous gravel bars which were evident in 1928 have expanded in size and have become increasingly vegetated. This has reduced the number and increased the size of the unvegetated channels. Channel changes have also occurred downstream of the gauging station on the Vanderhoof bridge. These include variations in the size of the right bank point bar. It is likely that the changes in channel conveyance at or downstream of the bridge will likely have a more significant effect on the stage discharge relationship than the more dramatic variations in upstream channel morphology. However, within the upstream channel, the enlarged sediment accumulations is likely to have resulted in increasing water levels between the late-1960's and the 1989 to 1994 period and the formation of a few relatively well-defined channels are expected to have caused a subsequent decrease in water levels. The hydrodynamic model developed by nhc (2008) could possibly be used to verify the effects of changing channel morphology upstream of the gauging station.

4.3 NECHAKO RIVER AT ISLE PIERRE

The Nechako River at Isle Pierre gauge is located 228 river km downstream of Kenney Dam. The upstream basin area is 42,700 km² (including 14,000 km² which is regulated by Kenney Dam).

The gauge began operation in 1950 and includes approximately three years of pre-regulation data. The subsequent flows are representative of reservoir infilling and both the pre- and post-1980 operational regime. Representative flows are summarized on Table 4.3.1. The post 1980 90%, 50% and 10% exceedance flows and the two year return period daily flows are 94, 165, 502 and 570 m³/sec, respectively. The rating tables or curves employed by the WSC are summarized on Table 4.3.2. A compilation of the assembled hydrologic data is presented in Appendix 3 as relevant background material and to facilitate any future analyses.

The specific gauge height associated with the four selected discharges have been calculated based on the developed numerical relationships for each rating table (see Appendix 3). The results are summarized on Table 4.3.3 and illustrated on Figure 4.3.1. This analysis indicates that there was an initial period of decreasing gauge heights which extended between 1950 and 1953 for the 90% and 50% exceedance flows and between 1950 and 1960 for the 10% and 2-year flood flows. The magnitude of the water level drop varies between 0.07 and 0.26 m. Gauge heights then increased over the period to 1971 for the two lowest investigated flows and until 1978 for the two highest flows. The magnitude of the water level drop varies between 0.08 and 0.24 m. Water levels have subsequently gradually decreased over the period to the present. The magnitude of the water level drop varies between 0.04 and 0.09 m. The net decrease in specific gauge heights over the period of record is - 0.02 to -0.11 m.

Some rating curves (e.g. Numbers 1, 6, & 8) have operated over spans of 9 to 15 years which indicates that this cross-section has not been undergoing rapid changes in conveyance capacity.

The location of the gauging station Nechako River at Isle Pierre is illustrated on Figure 4.3.2 based on location coordinates provided in the WSC station description. In this area, Nechako River has formed a single thread, laterally stable channel which does not present contain sizeable gravel bars, seral stage vegetation or other attributes which could change channel morphometry or conveyance capacity. A more detailed analysis of historical air photos, or other information, is therefore required to explain the trends in stage heights on the specific gauge plots.

5: DISCUSSION AND FUTURE STUDIES

The analyses in this report are another small step in the process of understanding the process of sediment transport on Nechako River and how this has affected channel morphology and fish habitat. Additional work is still required. From the limited perspective of the present study this could usefully include:

1. Reviewing the WSC station history to determine how changes in station operation may have affected gauge heights and the geodetic elevation of the specific gauge analyses;

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-
2. Compiling a set of historical air photos to determine channel changes over time in the river reaches adjacent to the gauging sites and assessing how evolving morphologies may have affected the specific gauge analyses;
 3. Obtaining and comparing river cross-section surveys of the Vanderhoof Reach prepared for the 1984 BC Government flood plain mapping project with those developed as part of the recent Vanderhoof flood plain mapping revisions (see nhc, 2009 and Urban Systems 2011);
 4. Determining if the hydrodynamic model of the Vanderhoof reach (nhc, 2008) can be used to evaluate how the on-going changes in channel morphology have affected water elevations (or other related habitat values); and
 5. Inspecting each of the three Nechako River gauging stations to better evaluate what factors or processes would be responsible for the observed changes in the specific gauge analyses.

6: CERTIFICATION

This report was prepared by:

Sandy Allegretto, B.Sc.
M. Miles and Associates Ltd.

Liz Goldsworthy, B.Sc.
M. Miles and Associates Ltd.

Mike Miles, M.Sc., P. Geo.
M. Miles and Associates Ltd.

7 SOURCES OF INFORMATION

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FIGURES

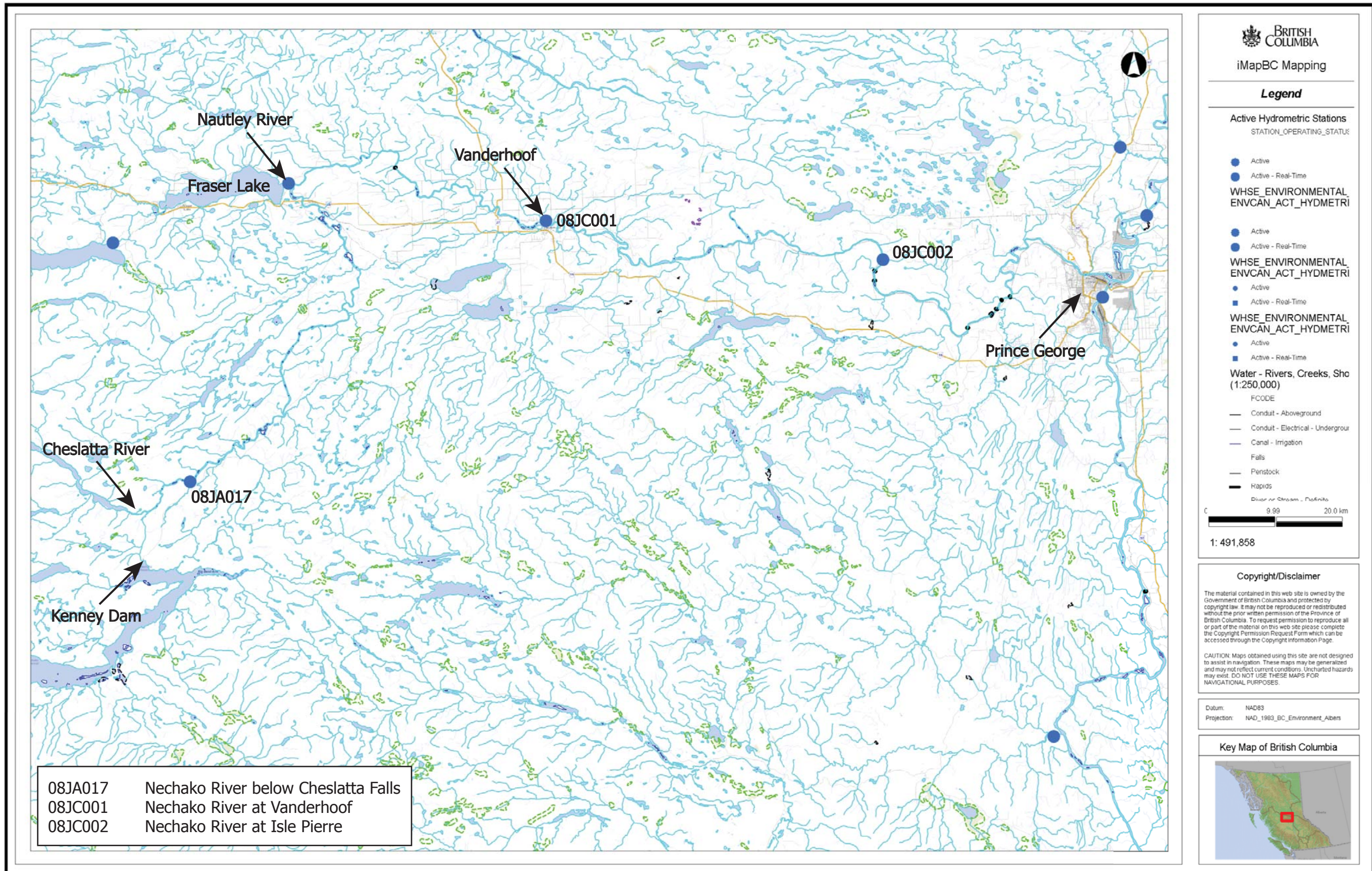


Figure 2.1: Map showing the location of relevant WSC stations.

NECHAKO RIVER BELOW CHESLATA FALLS - SPECIFIC GAUGE PLOT, 1980 TO 2013

Numeric Labels refer to WSC Stage Discharge Rating Tables

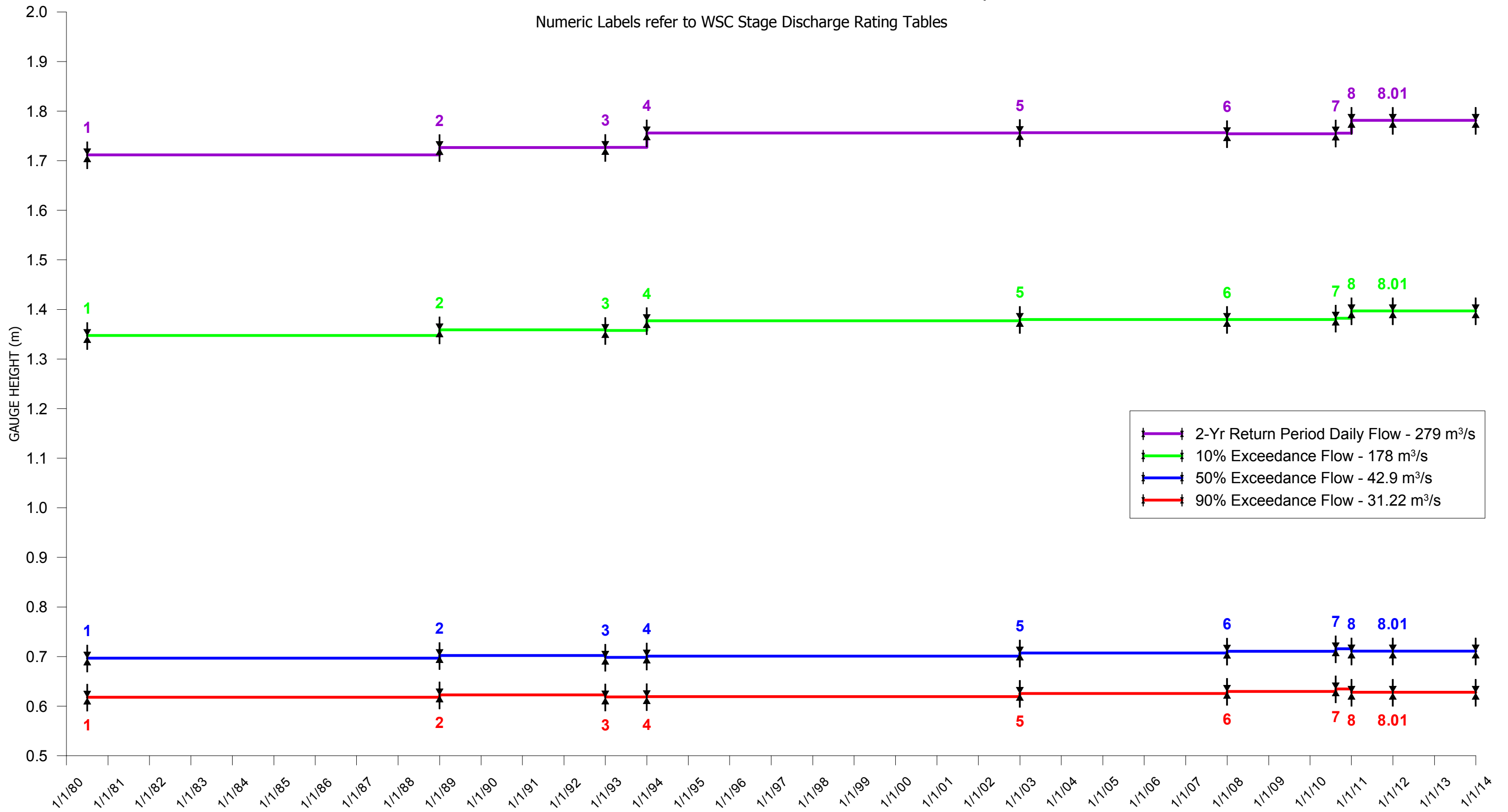


Figure 4.1.1: Specific gauge plot showing the variation in water levels on Nechako River Below Cheshlatta Falls at various flows over the period between 1980 and 2013.

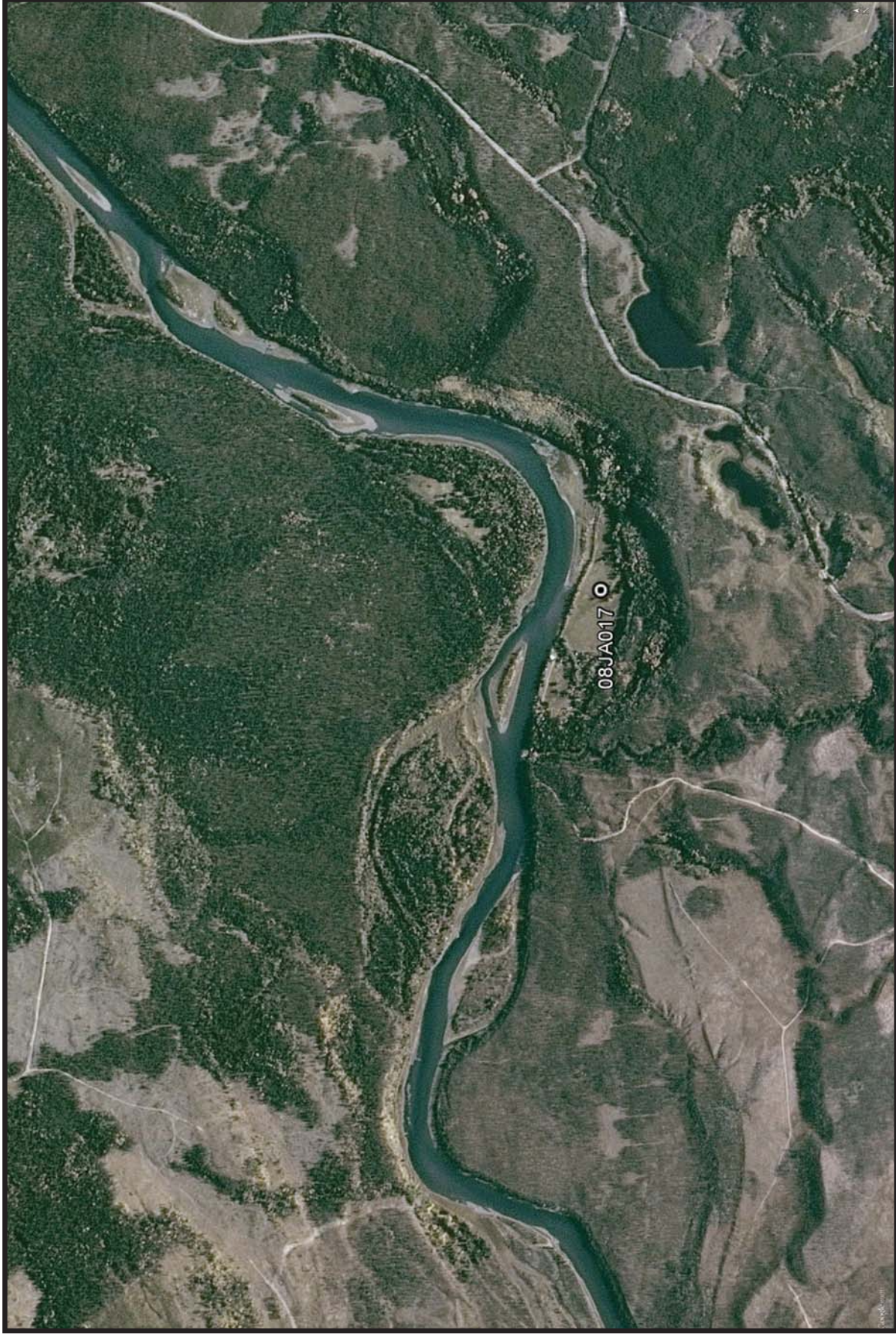


Figure 4.1.2: Google Earth image showing the location of the WSC station 'Nechako River below Cheslatta Falls'.

NECHAKO RIVER AT VANDERHOOF - SPECIFIC GAUGE PLOT, 1915 TO 2013

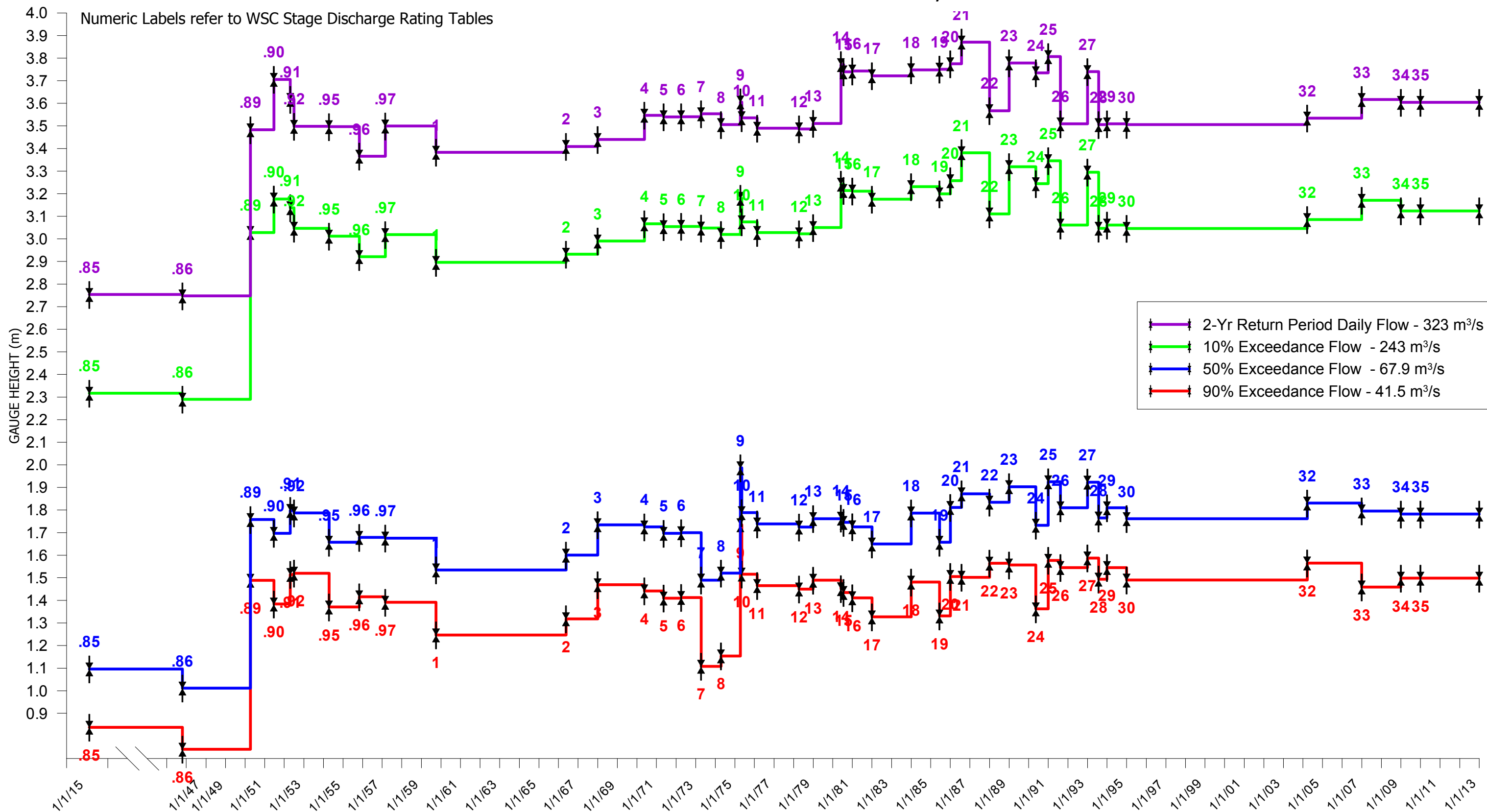


Figure 4.2.1: Specific gauge plot showing the variation in water levels on Nechako River at Vanderhoof at various flows over the period between 1915 and 2013.



Figure 4.2.2: Google Earth image showing the location of the WSC station 'Nechako River at Vanderhoof'.

NECHAKO RIVER AT ISLE PIERRE - SPECIFIC GAUGE PLOT, 1950 TO 2013

Numeric Labels refer to WSC Stage Discharge Rating Tables

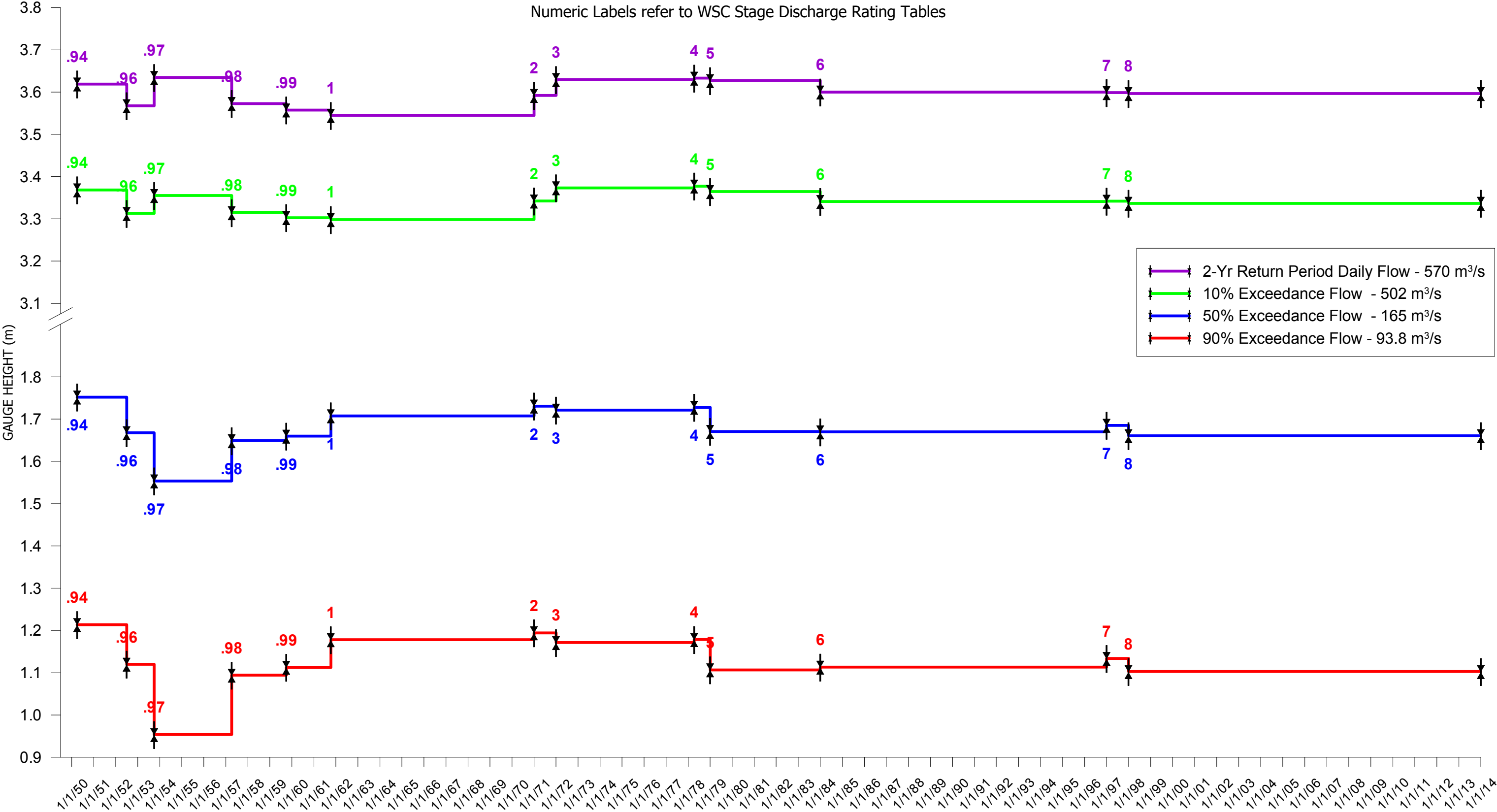


Figure 4.3.1: Specific gauge plot showing the variation in water levels on Nechako River at Isle Pierre at various flows over the period between 1950 and 2013.



Figure 4.3.2: Google Earth image showing the location of the WSC station 'Nechako River at Isle Pierre'.

TABLES

TABLE 3.1: WATER SURVEY OF CANADA [WSC] STREAM GAUGING STATIONS ON NECHAKO RIVER

STATION NUMBER 08...	STATION NAME	BASIN AREA (km2)	TYPE OF RECORD	TYPE OF FLOW	PARAMETER	YEARS OF RECORD	
JA017	Nechako River Below Cheslatta Falls	15,600	80-2012 RC	7	REG 52	A	23
						B	23
JC001	Nechako River at Vanderhoof	25,100	15 MS; 16 M#; 48-55 MS; 56-85 MC; 86-2012 RC	6	REG 52	A	54
						B	17
JC002	Nechako River at Isle Pierre	42,500	50-2012 RC	5	REG 52	A	
						B	

Inland Waters Directorate, 1996

NOTES:	* stage only	REV	Data to 19__ have been reviewed	1	Data not published
	# miscellaneous measurements	NAT	Natural Flow	5	Water Quality Data Available
	M manual gauge	REG	Regulated Flow	6	Sediment Data Available
	R recording gauge		with date of regulation - if known	7	Satellite Data Collection Platform Installed
	S seasonal operation	NA	Not Available	10	Minimum Flows
	C continuous operation - numbers refer to years (e.g. 09 is 1909)			A	Annual Maximum Daily Flows
				B	Annual Instantaneous Flows

See EDI et al., 2003 for a complete gauging station record.

TABLE 4.1.1: REPRESENTATIVE DISCHARGES: NECHAKO RIVER BELOW CHESLATTA FALLS

DISCHARGE STATISTIC	DISCHARGE (m ³ /s)		
	Pre-Regulation 1950-1952	Initial Operation 1959-1979	Present Operation 1980-2012
90% Exceedance	N/A	N/A	31.2
50% Exceedance	N/A	N/A	42.9
10% Exceedance	N/A	N/A	178
Two-Year Return Period Daily Flow	N/A	N/A	279

NOTE: N/A or Not available, the gauging station was not operated during this time period.

TABLE 4.1.2: SUMMARY OF WSC RATING TABLES, NECHAKO RIVER BELOW CHESLATTA FALLS

RATING TABLE NUMBER	PERIOD OF USE		AVAILABLE INFORMATION			DISCHARGE RANGE (m ³ /s)	
	START	STOP	SIMPLE RATING TABLE	EXPANDED RATING TABLE	WSC RATING CURVE	LOW	HIGH
1	03-Jul-80	31-Dec-88	X	N/A	X	7.0	365.0
2	01-Jan-89	31-Dec-92	X	N/A	X	7.0	391.0
3	01-Jan-93	31-Dec-93	X	N/A	X	7.0	391.0
4	01-Jan-94	31-Dec-02	X	N/A	X	7.0	402.0
5	01-Jan-03	31-Dec-07	X	N/A	X	7.0	402.0
6	01-Jan-08	16-Aug-10	X	X	X	7.0	663.0
7	16-Aug-10	01-Jan-11	X	X	X	7.0	663.0
8	01-Jan-11	01-Jan-12	X	X	X	5.2	659.0
8.01	01-Jan-12	30-Dec-14	X	X	X	5.2	659.0

TABLE 4.1.3: SUMMARY OF SPECIFIC GAUGE HEIGHTS FOR REPRESENTATIVE DISCHARGES, NECHAKO RIVER BELOW CHESLATTA FALLS

RATING TABLE NUMBER	PERIOD OF USE		GAUGE HEIGHT (m) FOR SPECIFIC DISCHARGES OF:			
	START	STOP	90% EXCEEDANCE 31.2 m ³ /s	50% EXCEEDANCE 42.9 m ³ /s	10% EXCEEDANCE 178 m ³ /s	2-yr RETURN PERIOD DAILY FLOW 279 m ³ /s
1	03-Jul-80	31-Dec-88	0.618	0.697	1.348	1.712
2	01-Jan-89	31-Dec-92	0.623	0.702	1.359	1.726
3	01-Jan-93	31-Dec-93	0.619	0.698	1.358	1.727
4	01-Jan-94	31-Dec-02	0.619	0.701	1.377	1.756
5	01-Jan-03	31-Dec-07	0.626	0.707	1.380	1.757
6	01-Jan-08	16-Aug-10	0.630	0.711	1.380	1.754
7	16-Aug-10	01-Jan-11	0.635	0.716	1.382	1.756
8	01-Jan-11	01-Jan-12	0.628	0.711	1.397	1.781
8.01	01-Jan-12	30-Dec-14	0.628	0.711	1.397	1.781
Net Change in Stage (m)			0.010	0.014	0.050	0.070

TABLE 4.2.1: REPRESENTATIVE DISCHARGES: NECHAKO RIVER AT VANDERHOOF

DISCHARGE STATISTIC	DISCHARGE (m ³ /s)		
	Pre-Regulation 1949-1952	Initial Operation 1959-1979	Present Operation 1980-2012
90% Exceedance	36.9	56.4	41.5
50% Exceedance	155.5	144	67.9
10% Exceedance	555	357	243
Two-Year Return Period Daily Flow	690 ^{*1}	418	323

NOTE: ^{*1} Estimated as the geometric mean of three annual maximum daily values

TABLE 4.2.2: SUMMARY OF EMPLOYED WSC RATING TABLES, NECHAKO RIVER AT VANDERHOOF

RATING TABLE NUMBER	PERIOD OF USE		AVAILABLE INFORMATION			DISCHARGE RANGE (m3/s)	
	START	STOP	SIMPLE RATING TABLE	EXPANDED RATING TABLE	WSC RATING CURVE	LOW	HIGH
.85	21-Jul-15	31-Dec-15	X	N/A	X	82.0	395.0
.86	21-Oct-47	20-Aug-48	X	N/A	X	25.0	801.0
.87	21-Aug-48	30-Sep-50	X	N/A	X	100.0	811.0
.88	12-Apr-51	12-Apr-51	X	N/A	X	5.0	811.0
.89	12-Apr-51	21-Jun-52	X	N/A	X	92.0	651.0
.90	22-Jun-52	30-Nov-52	X	N/A	X	4.5	634.0
.91	23-Apr-53	02-Jul-53	X	N/A	X	15.0	127.0
.92	03-Jul-53	06-Dec-53	X	N/A	X	5.9	316.0
.93	01-May-54	10-Dec-54	X	N/A	X	5.9	250.0
.94	11-Dec-54	11-Dec-54	X	N/A	X	15.2	92.9
.95	17-Apr-55	31-Oct-56	X	N/A	X	9.0	413.0
.96	01-Nov-56	28-Feb-58	X	N/A	X	50.0	676.0
.97	01-Mar-58	30-Jan-59	X	N/A	X	45.0	642.0
.98	31-Jan-59	30-Dec-99	X	N/A	X	45.0	759.0
.99	30-Sep-60	30-Sep-60	X	N/A	X	45.0	521.0
1	01-Oct-60	21-May-67	X	N/A	X	45.0	603.0
2	22-May-67	31-Dec-68	X	N/A	X	123.0	603.0
3	01-Jan-69	21-May-71	X	N/A	X	59.0	313.0
4	22-May-71	12-May-72	X	N/A	X	45.0	603.0
5	13-May-72	06-Apr-73	X	N/A	X	45.0	564.0
6	07-Apr-73	02-Nov-73	X	N/A	X	41.0	564.0
7	13-Apr-74	18-Apr-75	X	N/A	X	35.0	564.0
8	19-Apr-75	14-Apr-76	X	N/A	X	70.0	564.0
9	15-Apr-76	09-May-76	X	N/A	X	70.0	758.0
10	10-May-76	20-Feb-77	X	N/A	X	169.0	758.0
11	21-Feb-77	10-Nov-78	X	N/A	X	29.0	758.0
12	12-Apr-79	31-Dec-79	X	N/A	X	29.0	758.0
13	01-Jan-80	01-Jun-81	X	N/A	X	28.0	758.0
14	02-Jun-81	21-Jul-81	X	N/A	X	28.0	758.0
15	22-Jul-81	31-Dec-81	X	N/A	X	28.0	423.0
16	01-Jan-82	31-Dec-82	X	N/A	X	21.0	408.0
17	01-Jan-83	31-Dec-84	X	N/A	X	25.0	408.0
18	01-Jan-85	13-Jun-86	X	N/A	X	24.0	432.0
19	14-Jun-86	31-Dec-86	X	N/A	X	19.0	456.0
20	01-Jan-87	28-Jul-87	X	N/A	X	24.0	456.0
21	29-Jul-87	31-Dec-88	X	N/A	X	19.0	456.0
22	01-Jan-89	31-Dec-89	X	N/A	X	19.0	476.0
23	01-Jan-90	13-May-91	X	N/A	X	13.0	740.0
24	14-May-91	31-Dec-91	X	N/A	X	13.0	735.0
25	01-Jan-92	15-Aug-92	X	N/A	X	29.5	736.0
26	16-Aug-92	31-Dec-93	X	N/A	X	17.5	736.0
27	01-Jan-94	25-Jul-94	X	N/A	X	21.4	964.0
28	28-Jul-94	31-Dec-94	X	N/A	X	21.4	964.0
29	01-Jan-95	01-Jan-96	X	N/A	X	17.3	813.0
30	01-Jan-96	01-Jan-98	X	N/A	X	21.4	964.0
31			X	N/A	X	17.3	806.0
32	21-Mar-05	01-Jan-08	X	X	X	18.0	874.0
33	01-Jan-08	01-Jan-10	X	X	X	18.0	874.0
34	01-Jan-10	01-Jan-11	X	X	X	18.0	874.0
35	01-Jan-11	31-Dec-14	X	X	/	15.9	862.0

Note: Tables were only used for 1 minute

TABLE 4.2.3: SPECIFIC GAUGE HEIGHT FOR REPRESENTATIVE DISCHARGES, NECHAKO RIVER AT VANDERHOOF

RATING TABLE NUMBER	PERIOD OF USE		GAUGE HEIGHT (m) FOR SPECIFIC DISCHARGES OF:				NET CHANGE IN STAGE (m)			
	START	STOP	90% EXCEEDANCE	50% EXCEEDANCE	10% EXCEEDANCE	2-yr RETURN PERIOD DAILY FLOW	90% EXCEEDANCE	50% EXCEEDANCE	10% EXCEEDANCE	2-yr RETURN PERIOD DAILY FLOW
			41.5 m³/s	67.9 m³/s	243 m³/s	323 m³/s	41.5 m³/s	67.9 m³/s	243 m³/s	323 m³/s
0.85	21-Jul-15	31-Dec-15	(0.694)	(0.407)	0.952	1.438				
0.86	21-Oct-47	20-Aug-48	0.838	1.096	2.317	2.754	0.682	0.702	0.859	0.952
0.87	21-Aug-48	30-Sep-50	0.741	1.012	2.290	2.748				
0.88	12-Apr-51	12-Apr-51								
0.89	12-Apr-51	21-Jun-52	0.716	0.983	2.250	2.703				
0.90	22-Jun-52	30-Nov-52	1.489	1.758	3.028	3.483				
0.91	23-Apr-53	02-Jul-53	1.384	1.697	3.176	3.706				
0.92	03-Jul-53	06-Dec-53	1.515	1.798	3.138	3.617				
0.93	01-May-54	10-Dec-54	1.520	1.787	3.047	3.498				
0.94	11-Dec-54	11-Dec-54								
0.95	17-Apr-55	31-Oct-56	1.486	1.754	3.022	3.476				
0.96	01-Nov-56	28-Feb-58	1.371	1.657	3.012	3.497				
0.97	01-Mar-58	30-Jan-59	1.416	1.679	2.921	3.366				
0.98	31-Jan-59	30-Dec-99	1.392	1.676	3.019	3.499				
0.99	30-Sep-60	30-Sep-60								
1	01-Oct-60	21-May-67	1.401	1.676	2.975	3.440				
2	22-May-67	31-Dec-68	1.247	1.535	2.896	3.383				
3	01-Jan-69	21-May-71	1.318	1.600	2.932	3.409				
4	22-May-71	12-May-72	1.469	1.735	2.990	3.440				
5	13-May-72	06-Apr-73	1.442	1.725	3.067	3.547				
6	07-Apr-73	02-Nov-73	1.410	1.697	3.054	3.540				
7	13-Apr-74	18-Apr-75	1.413	1.699	3.055	3.540				
8	19-Apr-75	14-Apr-76	1.108	1.489	3.048	3.553				
9	15-Apr-76	09-May-76	1.154	1.521	3.020	3.506				
10	10-May-76	20-Feb-77	1.735	1.987	3.179	3.606				
11	21-Feb-77	10-Nov-78	1.516	1.788	3.075	3.536				
12	12-Apr-79	31-Dec-79	1.465	1.738	3.028	3.490				
13	01-Jan-80	01-Jun-81	1.450	1.725	3.022	3.487				
14	02-Jun-81	21-Jul-81	1.489	1.762	3.050	3.511				
15	22-Jul-81	31-Dec-81	1.451	1.764	3.242	3.771				
16	01-Jan-82	31-Dec-82	1.435	1.745	3.214	3.740				
17	01-Jan-83	31-Dec-84	1.411	1.725	3.211	3.743				
18	01-Jan-85	13-Jun-86	1.327	1.650	3.176	3.722				
19	14-Jun-86	31-Dec-86	1.481	1.786	3.231	3.748				
20	01-Jan-87	28-Jul-87	1.331	1.657	3.199	3.751				
21	29-Jul-87	31-Dec-88	1.505	1.811	3.257	3.775				
22	01-Jan-89	31-Dec-89	1.502	1.872	3.381	3.871				
23	01-Jan-90	13-May-91	1.564	1.834	3.110	3.567				
24	14-May-91	31-Dec-91	1.557	1.903	3.319	3.779				
25	01-Jan-92	15-Aug-92	1.362	1.732	3.244	3.735				
26	16-Aug-92	31-Dec-93	1.577	1.925	3.346	3.807				
27	01-Jan-94	25-Jul-94	1.545	1.810	3.061	3.509				
28	28-Jul-94	31-Dec-94	1.587	1.923	3.295	3.740				
29	01-Jan-95	01-Jan-96	1.494	1.765	3.047	3.506				
30	01-Jan-96	01-Jan-98	1.545	1.810	3.061	3.509				
31	01-Jan-98	20-Jun-05	1.490	1.762	3.046	3.506				
32	21-Mar-05	01-Jan-08	1.479	1.812	3.175	3.617				
33	01-Jan-08	01-Jan-10	1.565	1.830	3.085	3.534				
34	01-Jan-10	01-Jan-11	1.459	1.795	3.171	3.617				
35	01-Jan-11	31-Dec-14	1.498	1.782	3.124	3.604				
Net Change in Stage (m)			0.660	0.686	0.807	0.851	0.660	0.686	0.807	0.851

Note: The 1915 data have not been used to compute the net change in stage. Tables were only used for 1 minute

TABLE 4.3.1: REPRESENTATIVE DISCHARGES: NECHAKO RIVER AT ISLE PIERRE

DISCHARGE STATISTIC	DISCHARGE (m ³ /s)		
	Pre-Regulation 1950-1952	Initial Operation 1959-1979	Present Operation 1980-2012
90% Exceedance	96.3	118	93.8
50% Exceedance	203	294	165.4
10% Exceedance	867	626	502
Two-Year Return Period Daily Flow	996 ^{*1}	688	570

NOTE: ^{*1} Estimated as the geometric mean of three annual maximum daily values

TABLE 4.3.2: SUMMARY OF EMPLOYED WSC RATING TABLES, NECHAKO RIVER AT ISLE PIERRE

RATING TABLE NUMBER	PERIOD OF USE		AVAILABLE INFORMATION			DISCHARGE RANGE (m ³ /s)	
	START	STOP	SIMPLE RATING TABLE	EXPANDED RATING TABLE	WSC RATING CURVE	LOW	HIGH
0.94	01-Apr-50	01-Jul-52	X	N/A	X	100.0	1,127.0
0.95	01-Jul-52	01-Jul-52	X	N/A	X	75.0	1,127.0
0.96	02-Jul-52	30-Sep-53	X	N/A	X	39.0	1,127.0
0.97	01-Oct-53	17-Nov-56	X	N/A	X	60.0	696.0
0.98	08-Apr-57	30-Sep-59	X	N/A	X	97.0	894.0
0.99	01-Oct-59	09-Oct-60	X	N/A	X	97.0	1,013.0
1	10-Oct-61	31-Dec-70	X	N/A	X	90.0	1,081.0
2	01-Jan-71	31-Dec-71	X	N/A	X	82.0	1,081.0
3	01-Jan-72	10-Apr-78	X	N/A	X	65.0	1,102.0
4	11-Apr-78	31-Dec-78	X	N/A	X	64.0	1,102.0
5	01-Jan-79	31-Dec-83	X	N/A	X	53.0	1,102.0
6	01-Jan-84	31-Dec-96	X	N/A	X	59.0	1,220.0
7	01-Jan-97	31-Dec-97	X	N/A	X	64.0	1,190.0
8	01-Jan-98	open ended	X	N/A	X	77.0	1,190.0

TABLE 4.3.3: SPECIFIC GAUGE HEIGHT FOR REPRESENTATIVE DISCHARGES, NECHAKO RIVER AT ISLE PIERRE

RATING TABLE NUMBER	PERIOD OF USE		GAUGE HEIGHT (m) FOR SPECIFIC DISCHARGES OF:				NET CHANGE IN STAGE (m)			
	START	STOP	90% EXCEEDANCE	50% EXCEEDANCE	10% EXCEEDANCE	2-yr RETURN PERIOD DAILY FLOW	90% EXCEEDANCE	50% EXCEEDANCE	10% EXCEEDANCE	2-yr RETURN PERIOD DAILY FLOW
			93.8 m ³ /s	165 m ³ /s	502 m ³ /s	570 m ³ /s	93.8 m ³ /s	165 m ³ /s	502 m ³ /s	570 m ³ /s
0.94	01-Apr-50	01-Jul-52	1.214	1.752	3.369	3.619	(0.260)	(0.198)	(0.071)	(0.074)
0.95	01-Jul-52	01-Jul-52								
0.96	02-Jul-52	30-Sep-53	1.120	1.668	3.313	3.568	0.240	0.177	0.079	0.088
0.97	01-Oct-53	17-Nov-56	0.954	1.554	3.355	3.635				
0.98	08-Apr-57	30-Sep-59	1.094	1.649	3.315	3.573	(0.091)	(0.070)	(0.040)	(0.036)
0.99	01-Oct-59	09-Oct-60	1.113	1.660	3.303	3.558				
1	10-Oct-61	31-Dec-70	1.178	1.708	3.298	3.545	(0.111)	(0.091)	(0.032)	(0.023)
2	01-Jan-71	31-Dec-71	1.194	1.731	3.342	3.592				
3	01-Jan-72	10-Apr-78	1.171	1.721	3.373	3.630	(0.091)	(0.070)	(0.040)	(0.036)
4	11-Apr-78	31-Dec-78	1.178	1.728	3.377	3.633				
5	01-Jan-79	31-Dec-83	1.107	1.671	3.365	3.627	(0.111)	(0.091)	(0.032)	(0.023)
6	01-Jan-84	31-Dec-96	1.113	1.670	3.341	3.600				
7	01-Jan-97	31-Dec-97	1.134	1.685	3.342	3.599	(0.111)	(0.091)	(0.032)	(0.023)
8	01-Jan-98	open ended	1.103	1.661	3.337	3.597				
Net Change in Stage (m)			(0.111)	(0.091)	(0.032)	(0.023)	(0.111)	(0.091)	(0.032)	(0.023)

Note: Table 0.95 was only used for 1 minute

APPENDIX 1:

**COMPILATION OF HYDROLOGIC INFORMATION
NECHAKO RIVER BELOW CHESLATTA FALLS**

1. WSC Station Description and Gauge History

Water Survey of Canada Station Description

Station Number: 08JA017

Station Name: NECHAKO RIVER BELOW CHESLATTA FALLS

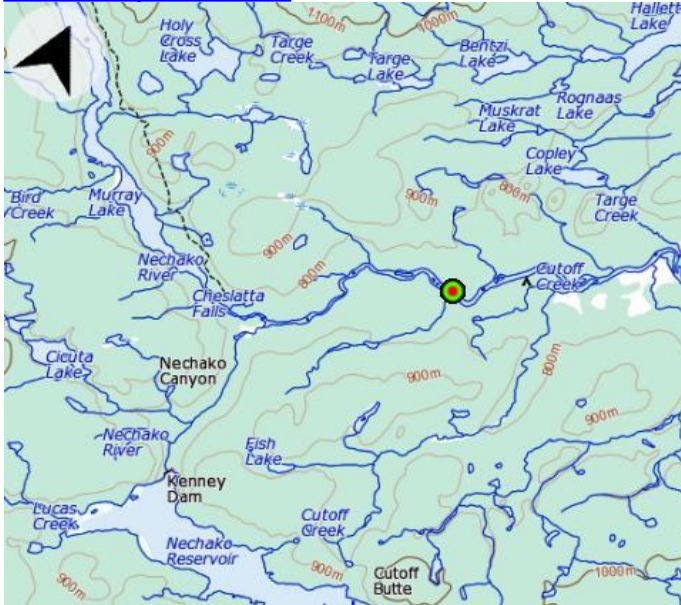
Operating Technician: RUSSELL MARYNOWSKI

Technician Effective Date: 2012-05-02

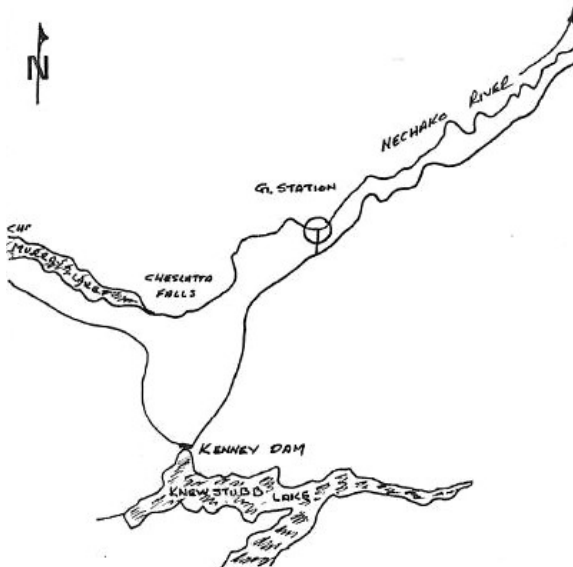
Station Status: ACTIVE

Latest Period-of-Record: 2011-2013 BRC

Location Map of Station



Site Map of Station



Google Map

Station Number: 08JA017 **Province:** BC **Drainage Area Gross:** 15500 km²
Station Name: NECHAKO RIVER BELOW CHESLATTA FALLS **Drainage Area Effective:**

Latitude: 53°41'02.0" N **(Decimal °):** 53.68389° **Longitude:** 124°50'08.0" W **(Decimal °):** -124.83556°

Horizontal Datum: Co-ordinate Source:

Location Description: 9.7 KM DOWNSTREAM FROM CHESLATTA FALLS. 75 KM SW OF VANDERHOOF

Legal Land Designation:

Gauge Datum: ASSUMED DATUM

Remote Access: NO **Access Method:** 1. ROAD

Access Remarks:

Onsite Facility	Facility Type	Status
BRYTEX	SHELTER TYPE	ACTIVE
WET CELL	INSTALLATION TYPE	ACTIVE
MANNED	CABLEWAY FACILITY	ACTIVE
SOLAR PANEL	INSTALLATION TYPE	ACTIVE
PRES. REG. - CONOFLOW	INSTALLATION TYPE	ACTIVE
ORIFICE LINE	INSTALLATION TYPE	ACTIVE

Device Serial No	Device Category	Device Make	Device Model	Status	Firmware Ver.	Address	Telephone No
70011751	MANUAL GAUGE	GENERIC	CREST STAGE	ACTIVE			
26097	PRESSURE SENSOR	TAVIS	DISI1200	ACTIVE	008		
72666	TEMPERATURE - WATER	YSI	070-55034	ACTIVE			
73228	SATELLITE - GOES - HDR	VALCOM	VGOES HDR	ACTIVE	1.24	CAA186E2	
080184	LOGGER	VALCOM	VEDAS II-LEVEL2	ACTIVE	1.24		
71233	PRECIPITATION GAUGE	BELFORT	6071	INACTIVE			

Description of Channel and Control

Good control in channel at all stages. Two channels at all stages, 1.2m depth. Flow is controlled by "Alcan" Spillway.

Description of Measurement Sections

Occupational Health and Safety Considerations

General Remarks

FLOW AFFECTED BY UPSTREAM STORAGE AND DIVERSION SINCE 1952. DRAINAGE AREA INCLUDES THE AREA BEHIND KENNY DAM OF 14,000 KM2. D.C.P. INSTALLED AUG 21 1984. WATER TEMPERATURE PROBE INSTALLED JUN 12 1986 AND IS PROPERTY OF FISHERIES AND OCEANS. PRECIPITATION GAUGE INSTALLED ON JAN 03, 1990 AND IS PROPERTY OF ATMOSPHERIC ENVIRONMENT SERVICE.

Date Created: December 17, 2013

Note: Benchmark descriptions are available on the Gauge History Reports.

WATER SURVEY OF CANADA

GAUGE HISTORY

Station Name : Nechako River below Cheslatta Falls

Station Number : 08JA017

Bench Marks : ** BM 3-81 Elev. 3.538 (81) Brass cap on pipe 3m N/E of shelter
 BM 4-81 Elev. 3.517 (81) Brass cap on pipe 4m N/W of shelter
 BM 5-81 Elev. 1.173 (85) Brass cap on pipe 5m N of shelter
 CSG1-91 Elev. 3.445 (91) Mounted on tree 3m E of shelter

Elevation of Gauge Datum : 0.000 assumed

** Denotes Control BM

History of Gauge Corrections, Bench Marks and other Equipment						
Date	Gauge Corrections					Notes on Installation or Removal of Equipment
	** BM3-81	BM4-81	BM5-81	CSG1-91		
1993						
Jun 30	3.538	3.517	1.170	3.447		
Oct 04	3.538	3.516	1.172	3.447		LIMITS 12/08/92
1994						
JUN 22	3.538	3.518	1.173	3.449		
OCT 17	3.538	3.517	1.170	3.446		T. GORRAN Nov 17 1994
1995						
MAY 25	3.538	3.516	1.171	3.447		
SEPT 21	3.538	3.517	1.170	3.445		NOV Nov. 27/95
* SEE NEXT PAGE						

GAUGE HISTORY

Station Name Rockako River bel. Ghoslatte Falls Station No. 08JA017

Bench marks See page ① for details

BM 5 = 1.170m (85') revised elevation in 1985

Elevation of Gauge Datum _____

History of Gauge Corrections, Bench Marks and other Equipment						
Date	Gauge Correction					Notes on Installation or Removal of Gauges, Bench Marks, etc.
	BM3	BM4		CSG	BM5	
1987						
Apr 08	3.536	3.516			N/C	WL = 0.662m
May 13	3.536	3.518			1.170	WL = 0.883m
OCT 07	3.536	3.514			1.163	control BM = 3
1988						
APR 21	3.536	3.516			1.170	8m. 890302
1989						
JAN 27	3.536	3.514			+0.002	
MAY 18	3.536	3.516			1.172	
OCT 11	3.536	3.514			1.171	M.F. - TC
1990						
JUN 22	3.536	3.514			1.171	
SEP 28	3.536	3.518			1.170	RS FERGUSON 12/1/90
1991						
JUN 10	3.536	3.514	3.445		1.169	
OCT 16	3.536	3.518	3.445		1.168	RS FERGUSON 2/12/92 ALL ELEVATIONS FROM 87-91 CHANGED TO REFLECT ORIGINAL ESTABLISHED BM ELEVATIONS ie BM3 elev 3.536m BM5 elev 1.173m BM4 elev 3.517m
1992						
JUN 03	3.538	3.516	3.447		1.170	
OCT 06	3.538	3.517	3.447		1.171	I.J. NEUFELD 11/27/92
1993						
JUN 30	3.538	3.517	3.447		1.170	
OCT 04	3.538	3.516	3.447		1.172	I.J. NEUFELD 12/05/92

GUAGE HISTORY

BM3 EL. 3.538 - 3m. N.E. of G. SHELTER
 BM4 EL. 3.517 - 4m. N.W. of G. SHELTER
 BM5 EL. 1.173 - 5m. N. of G. SHELTER
 8JA-17 SHELTER

Station Name NECHAKO RIVER BELOW CHESLATA FALLS Station No. 8JE-12

Bench marks B.M. 1, ELEV. 3.565, 80, LAG BOLT HORIZONTALLY IN SPRUCE TREE
3 m. S.E. OF RECORDER SHELTER

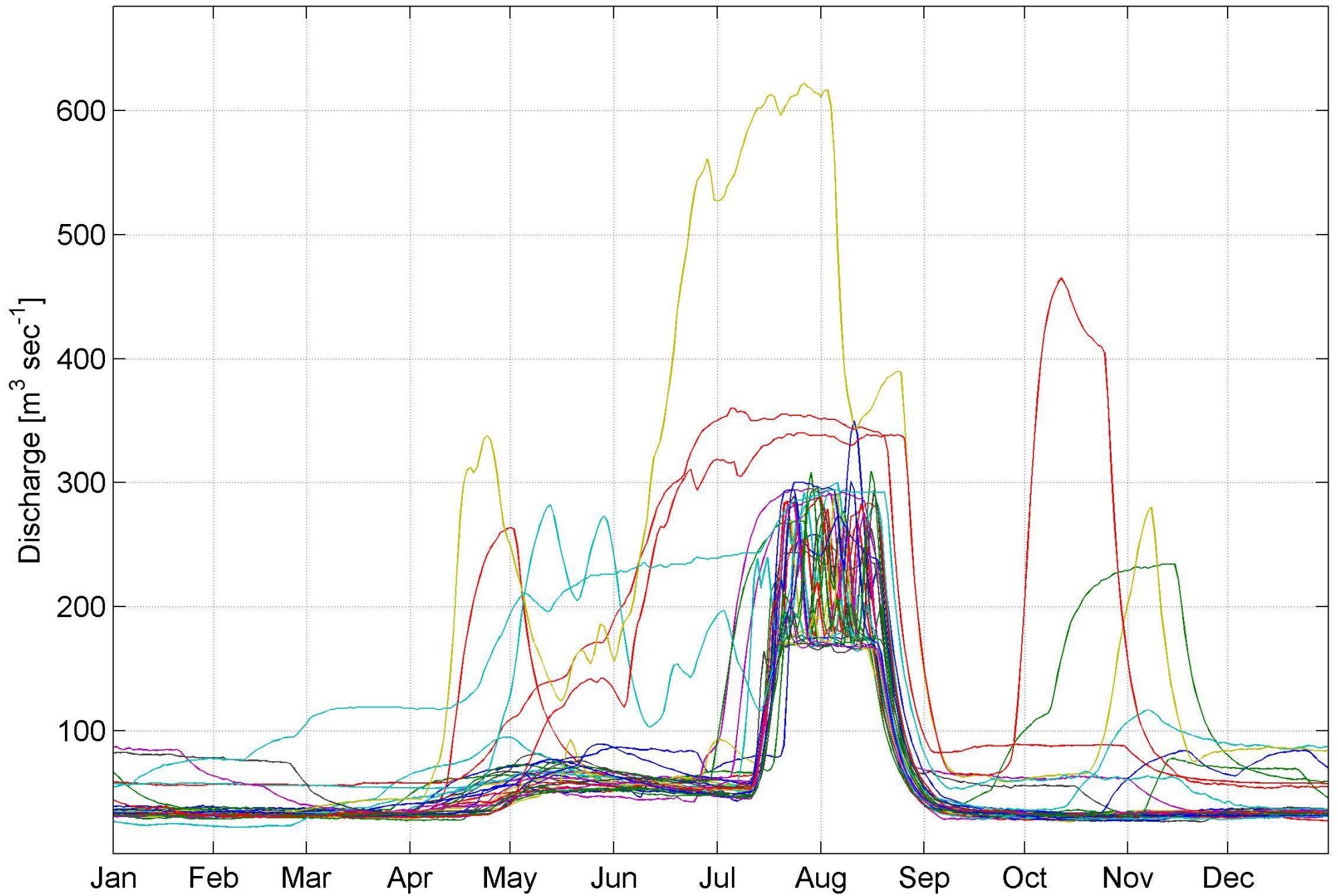
B.M. 2, ELEV. 3.599, 80, LAG BOLT HORIZONTALLY IN PINE TREE

Elevation of Gauge Datum 15 m. S.E. OF RECORDER SHELTER

History of Gauge Corrections, Bench Marks and other Equipment					
Date	Gauge Correction				Notes on Installation or Removal of Gauges, Bench Marks, etc.
	STAFF	G	B.M. 1	B.M. 2	
1980	0-2m		B.M. 1	B.M. 2	
July 3	0.000		3.565	3.599	
July 6	+0.008		3.566	3.599	
July 15	+0.006		3.567	3.599	
July 22	DISCONTINUED				GUAGE HAS DRAWDOWN
<u>1981</u>					
JUNE 10	<u>BM 3</u>	<u>BM 4</u>		<u>BM 5</u>	ESTAB. PIPE B.M.S. (3, 4, 5)
"	3.538	3.517		1.173	
	W.L.				
JUN 8	0.788			1.173	BM 5 → W.L.
OCT 18	0.653			1.173	BM 5 → W.L.
1983	BM #3				
OCT 11	3.538	3.517		1.170	M.F. - JAN 26/84 BM 3 → BM 4 → BM 5 → W.L. → BM 5 + BM 4 → BM 3
1984					
MAY 11	3.536	3.517		1.171	ALL O.K. ✓ M.F. - JAN 05/85
1985					
OCT 02	3.536	3.514		1.170	M.F. - Feb 12/86
1986				BM 2	
APR 07	3.538	3.517			UNDER ICE
MAY 07	3.538	3.514		1.170	INSTALLED WATER TEMP. PROBE
SEP. 16	3.537	3.514		3.594	1.167

2. Annual Hydrographs 1981-2012

NECHAKO RIVER BELOW CHESLATTA FALLS
1980-2012
Dataset1 Period of Record Annual Hydrographs

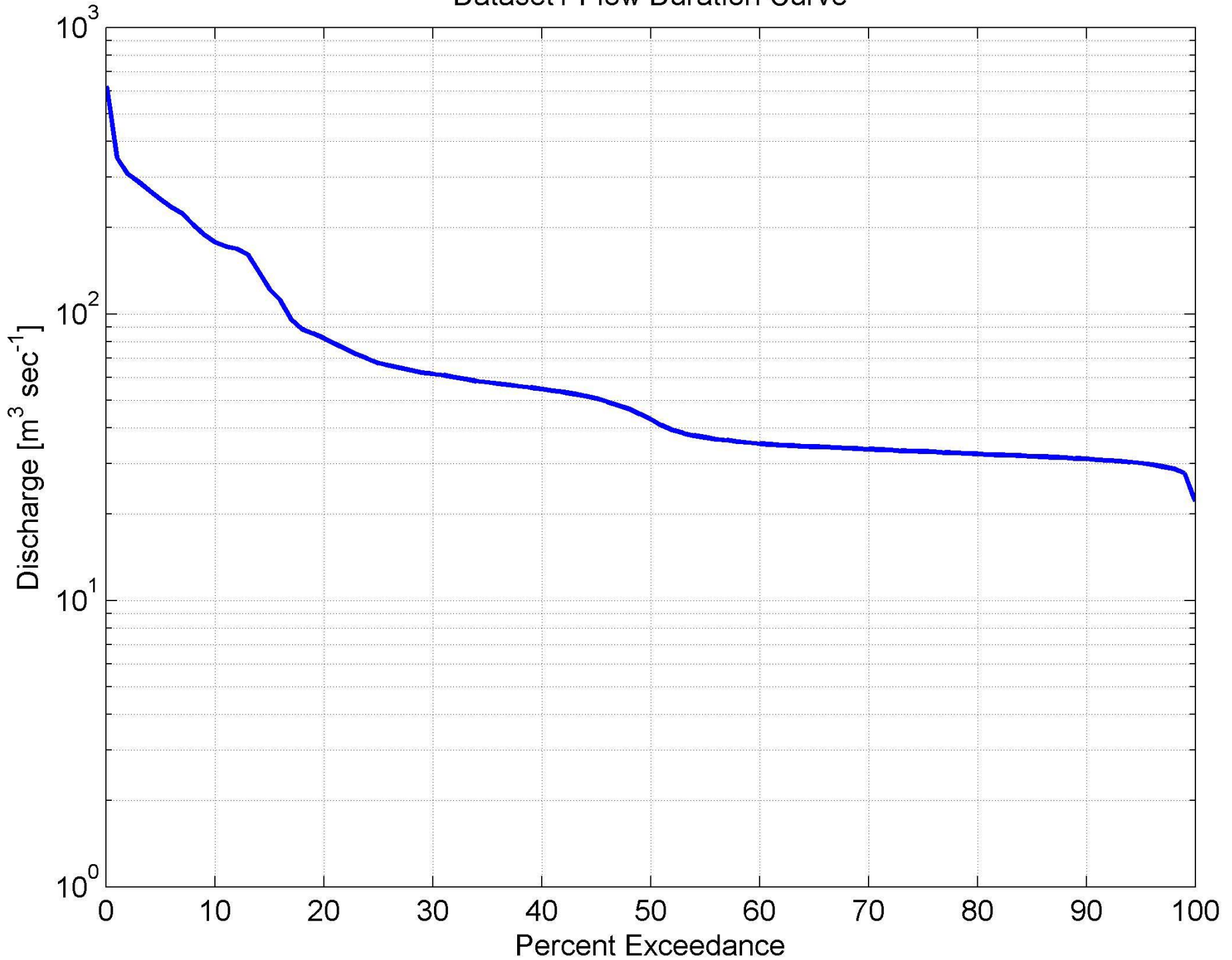


3. Flow Duration Curve 1981-2012

NECHAKO RIVER BELOW CHESLATTA FALLS

1981-2012

Dataset1 Flow Duration Curve



**4. Flow Duration Table
1981-2012**

NR b CF 1981-2012_POR_FlowDurationCurve.txt

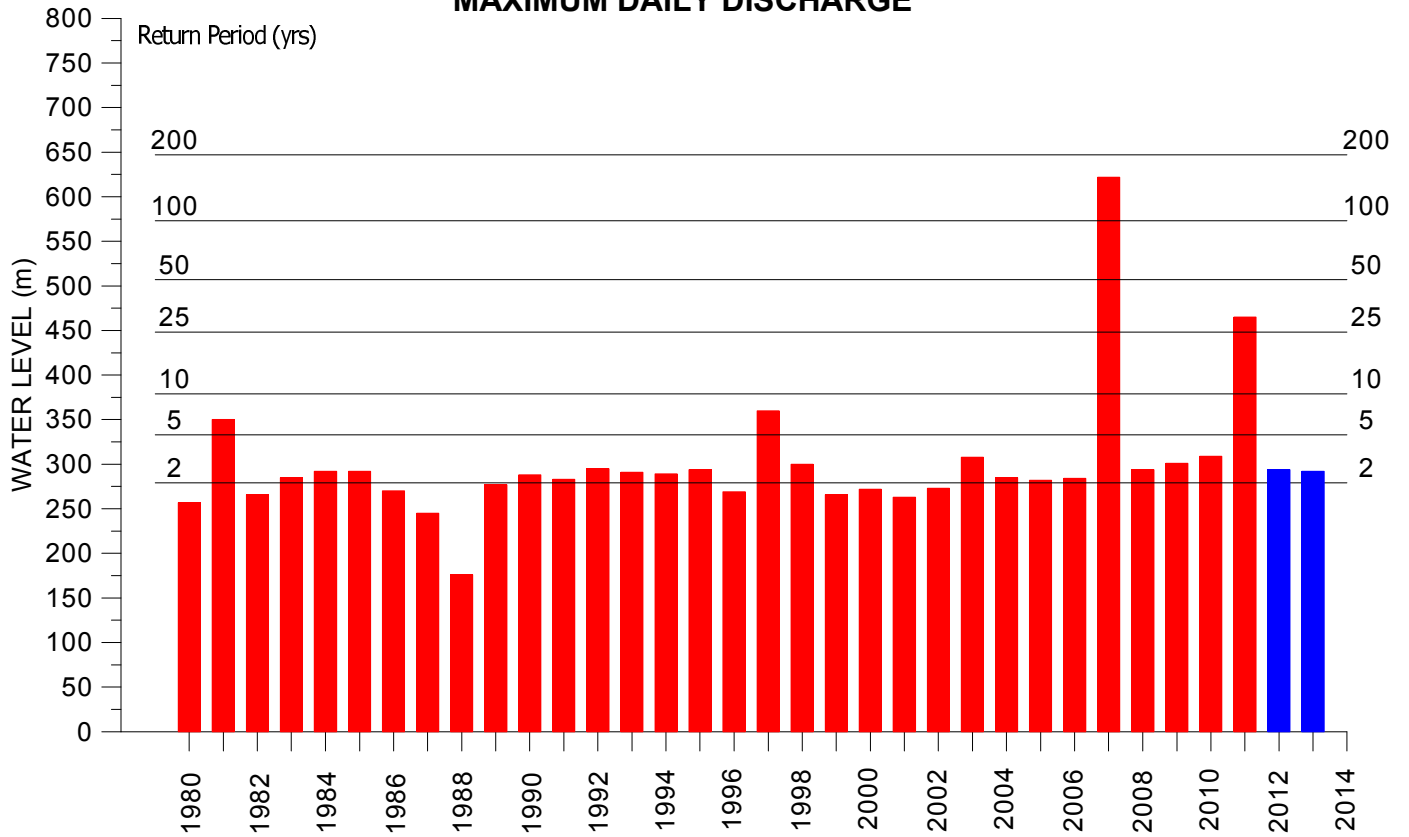
Percent Exceedance	Streamflow	Percentile
0.01	620.664	99.99
0.1	611	99.9
1	351	99
2	308	98
3	289	97
4	269	96
5	251	95
6	236	94
7	224	93
8	205	92
9	189	91
10	178	90
11	172	89
12	169	88
13	161	87
14	141	86
15	122	85
16	111.7	84
17	95.68	83
18	88.3	82
19	85.4	81
20	82.2	80
21	78.47	79
22	75.5	78
23	72.3	77
24	69.7	76
25	67.4	75
26	66	74
27	64.7	73
28	63.5	72
29	62.4	71
30	61.65	70
31	61.1	69
32	60.1	68
33	59.2	67
34	58.3	66
35	57.7	65
36	57.1	64
37	56.5	63
38	55.9	62
39	55.3	61
40	54.6	60
41	53.9	59
42	53.3	58
43	52.5	57
44	51.7	56
45	50.65	55
46	49.37	54
47	48	53
48	46.6	52
49	44.7	51
50	42.9	50
51	40.8	49
52	39.3	48
53	38.3	47
54	37.6	46
55	37.1	45
56	36.5	44
57	36.2	43
58	35.8	42
59	35.5	41

NR b CF 1981-2012_POR_FlowDurationCurve.txt

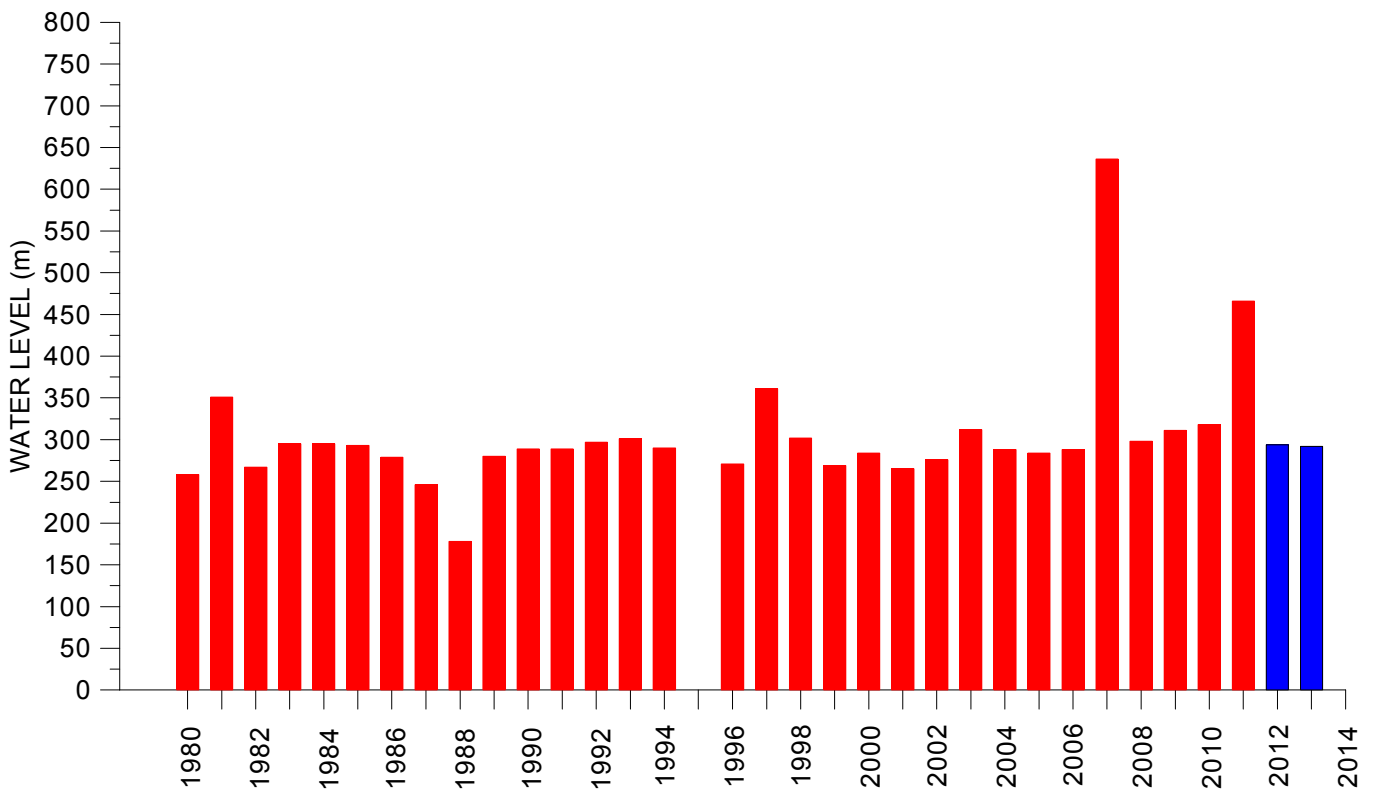
60	35.2	40
61	35	39
62	34.8	38
63	34.7	37
64	34.5	36
65	34.4	35
66	34.3	34
67	34.1	33
68	34	32
69	33.9	31
70	33.7	30
71	33.6	29
72	33.5	28
73	33.3	27
74	33.2	26
75	33.1	25
76	33	24
77	32.8	23
78	32.7	22
79	32.6	21
80	32.5	20
81	32.3	19
82	32.2	18
83	32.1	17
84	32	16
85	31.8	15
86	31.7	14
87	31.6	13
88	31.5	12
89	31.3	11
90	31.2	10
91	31	9
92	30.8	8
93	30.6	7
94	30.4	6
95	30.1	5
96	29.8	4
97	29.3	3
98	28.8	2
99	27.8	1
99.9	22.618	0.1
99.99	22.3	0.01

5. Flood Frequency Analyses (not to be used for design purposes)

**NECHAKO RIVER BELOW CHESLATTA FALLS, 1980 - 2010, plus 2011 - 2013 (prelim.)
MAXIMUM DAILY DISCHARGE**



**NECHAKO RIVER BELOW CHESLATTA FALLS, 1980 - 2010, plus 2011 - 2013 (prelim.)
MAXIMUM INSTANTANEOUS DISCHARGE**



Historical variation in annual maximum daily and instantaneous discharge, Nechako River Below Cheslatta Falls, 1980 to 2010, plus preliminary 2011-2013.

FREQUENCY ANALYSIS OF ANNUAL MAXIMUM DAILY DISCHARGE, NECHAKO RIVER BELOW CHESLATTA FALLS

NECHAKO RIVER BELOW CHESLATTA FALLS MAXIMUM DAILY DISCHARGE 1980-2012								Skew:	3.18					
Frequency Distribution	Estimate of Specified Recurrence Interval Discharge in m ³ /second							Goodness of fit						
	2 years	5 years	10 years	25 years	50 years	100 years	200 years	1	2					
See NOTES below														
Log Normal (Maximum Likelihood)	295	350	384	427	458	489	519	.213	.207					
Gumbel (Maximum Likelihood)	295	349	385	431	464	498	531	.214	.205					
Pearson Type III (By Moments)	274	333	390	474	542	611	683	.285	.101					
Log Pearson Type III (By Moments)	282	340	388	459	521	591	668	.226	.137					
Average Adopted Value	286 282	343 340	387 388	448 459	496 521	547 591	600 668							
95% Confidence Limits for Specified Recurrence Interval in m ³ /second														
Frequency Distribution	2 years		5 years		10 years		25 years		50 years		100 years		200 years	
	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper
Log Normal (Maximum Likelihood)	275	316	320	383	346	429	376	488	396	533	416	578	435	624
Gumbel (Maximum Likelihood)	275	315	318	380	345	425	379	482	403	525	428	567	452	610
Pearson Type III (By Moments)	257	291	287	378	303	477	326	623	343	740	361	862	379	987
Log Pearson Type III (By Moments)	266	299	301	383	325	462	358	590	384	707	412	847	441	1010
Average Adopted Value	268 257	306 316	307 287	381 383	330 303	448 477	360 326	546 623	382 343	626 740	404 361	714 862	427 379	808 1010
<p>1 Modified Kolmogorov-Smirnov goodness of fit test based on unbiased plotting positions for all points.</p> <p>2 Modified Kolmogorov-Smirnov goodness of fit test based on unbiased plotting positions for 5 largest points.</p> <p>Analytical procedures used to prepare this summary were made available by the River Forecast Centre, Water Management Branch, B.C. Ministry of Environment. This assistance is gratefully acknowledged.</p>														

6. WSC Rating Tables

HQ1.00_1900_08JA017.txt
NECHAKO RIVER BELOW CHESLATTA FALLS

Station no: 08JA017

Stage Discharge Table No: 1.00

2013-10-30 06:55:25

period of use: 1980-07-03 00:00:00 to 1988-12-31 23:59:59.

remarks:

date created: 1980-09-30

GH	Discharge
=====	
0.400	7.000
0.500	16.500
0.520	18.500
0.540	20.700
0.580	25.300
0.660	35.300
0.680	38.300
0.760	52.300
0.780	56.000
0.800	60.000
0.940	88.000
1.300	169.000
1.420	199.000
1.620	254.000
1.700	278.000
1.800	306.000

HQ1.00_1900_08JA017.txt

1.900	335.000
2.000	365.000

Approved by:

Date:

Station no: 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS

Stage Discharge Table No: 2.00

2013-10-30 06:55:49

period of use: 1989-01-01 00:00:00 to 1992-12-31 23:59:59.

remarks:

date created: 1989-11-29

GH	Discharge
=====	
0.400	7.000
0.500	16.500
0.520	18.500
0.540	20.700
0.580	25.300
0.660	35.300
0.720	44.300
0.740	47.600
0.800	57.800
0.840	64.800
0.860	68.500
0.960	88.000
1.140	124.000
1.420	194.000
1.440	200.000
1.460	205.000

HQ2.00_1900_08JA017.txt

1. 480	211. 000
1. 520	221. 000
1. 540	227. 000
1. 560	232. 000
1. 620	250. 000
1. 640	255. 000
1. 660	261. 000
1. 680	266. 000
1. 740	284. 000
1. 760	289. 000
2. 100	391. 000

Approved by:

Date:

Station no: 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS

Stage Discharge Table No: 3.00

2013-10-30 06:56:07

period of use: 1993-01-01 00:00:00 to 1993-12-31 23:59:59.

remarks:

date created: 1993-11-15

GH Discharge

=====

0.400	7.000
0.480	14.600
0.500	16.600
0.540	21.000
0.560	23.300
0.620	31.100
0.680	39.800
0.700	42.800
0.740	49.000
0.760	52.200
0.780	55.500
0.860	69.100
0.880	72.600
0.920	80.000
1.140	124.000
1.420	194.000

HQ3.00_1900_08JA017.txt

1. 440	200. 000
1. 460	205. 000
1. 480	211. 000
1. 520	221. 000
1. 540	227. 000
1. 560	232. 000
1. 620	250. 000
1. 640	255. 000
1. 660	261. 000
1. 680	266. 000
1. 740	284. 000
1. 760	289. 000
2. 100	391. 000

Approved by:

Date:

HQ4.00_1900_08JA017.txt
NECHAKO RIVER BELOW CHESLATTA FALLS

Station no: 08JA017

Stage Discharge Table No: 4.00

2013-10-30 06:56:27

period of use: 1994-01-01 00:00:00 to 2002-12-31 23:59:59.

remarks: .

date created: 1994-11-17

GH Discharge

=====

0.400	7.000
0.480	14.600
0.500	16.600
0.540	21.000
0.560	23.300
0.620	31.100
0.680	39.800
0.700	42.800
0.740	49.000
0.760	52.200
0.780	55.500
0.860	69.100
0.880	72.600
0.980	91.100
1.000	95.000
1.200	135.000

HQ4.00_1900_08JA017.txt

1. 250	146. 000
1. 400	182. 000
1. 500	208. 000
1. 650	250. 000
2. 050	370. 000
2. 150	402. 000

Approved by:

Date:

Station no: 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS

Stage Discharge Table No: 5.00

2013-10-30 07:20:04

period of use: 2003-01-01 00:00:00 to 2007-12-31 23:59:59.

remarks:

date created: 2003-12-17 09:26:59

GH	Discharge
=====	
0.400	7.000
0.450	11.400
0.500	16.250
0.550	21.470
0.600	27.360
0.650	33.820
0.700	41.040
0.750	48.450
0.800	56.620
0.850	65.360
0.900	74.390
0.950	84.460
1.000	94.600
1.100	115.000
1.200	135.500
1.250	146.000

HQ5.00_1900_08JA017.txt

1. 400	182. 000
1. 500	208. 000
1. 650	250. 000
2. 050	370. 000
2. 150	402. 000

Approved by:

Date:

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556
 Date Processed: 10/30/2013 06:59:03 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 6.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 11/27/2008 @ 10:00:53 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: Coincident with Table #5 =< 0.550m and => 1.250m

EXPANDED RATING TABLE
 Discharge (m³/s)

Stage (m)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
0.4	7.00*	7.09	7.18	7.26	7.35	7.44	7.53	7.62	7.7	7.79	0.88
0.41	7.88	7.97	8.06	8.14	8.23	8.32	8.41	8.5	8.58	8.67	0.88
0.42	8.76	8.85	8.94	9.02	9.11	9.2	9.29	9.38	9.46	9.55	0.88
0.43	9.64	9.73	9.82	9.9	9.99	10.1	10.2	10.3	10.3	10.4	0.86
0.44	10.5	10.6	10.7	10.8	10.9	11	11	11.1	11.2	11.3	0.9
0.45	11.4*	11.5	11.6	11.7	11.8	11.9	12	12.1	12.2	12.3	1
0.46	12.4	12.5	12.6	12.7	12.8	12.9	13	13	13.1	13.2	0.9
0.47	13.3	13.4	13.5	13.6	13.7	13.8	13.9	14	14.1	14.2	1
0.48	14.3	14.4	14.5	14.6	14.7	14.8	14.9	15	15.1	15.2	1
0.49	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16	16.1	16.2	1
0.5	16.3*	16.4	16.5	16.6	16.7	16.8	16.9	17	17.1	17.2	1
0.51	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18	18.1	18.2	1
0.52	18.3	18.4	18.5	18.7	18.8	18.9	19	19.1	19.2	19.3	1.1

0.53	19.4	19.5	19.6	19.7	19.8	19.9	20	20.1	20.2	20.3	1
0.54	20.4	20.5	20.6	20.7	20.8	20.9	21.1	21.2	21.3	21.4	1.1
0.55	21.5*	21.6	21.7	21.8	21.9	22	22.2	22.3	22.4	22.5	1.1
0.56	22.6	22.7	22.8	22.9	23.1	23.2	23.3	23.4	23.5	23.6	1.1
0.57	23.7	23.9	24	24.1	24.2	24.3	24.4	24.5	24.7	24.8	1.2
0.58	24.9	25	25.1	25.2	25.3	25.4	25.6	25.7	25.8	25.9	1.1
0.59	26	26.1	26.2	26.4	26.5	26.6	26.7	26.8	26.9	27	1.2
0.6	27.2*	27.3	27.4	27.5	27.7	27.8	27.9	28	28.2	28.3	1.2
0.61	28.4	28.5	28.7	28.8	28.9	29	29.2	29.3	29.4	29.5	1.3
0.62	29.7	29.8	29.9	30	30.2	30.3*	30.4	30.6	30.7	30.8	1.2
0.63	30.9	31.1	31.2	31.3	31.5	31.6	31.7	31.8	32	32.1	1.3
0.64	32.2	32.3	32.5	32.6	32.7	32.9	33	33.1	33.2	33.4	1.3
0.65	33.5*	33.6	33.8	33.9	34	34.2	34.3	34.4	34.6	34.7	1.4
0.66	34.9	35	35.1	35.3	35.4	35.5	35.7	35.8	35.9	36.1	1.3
0.67	36.2	36.3	36.5	36.6	36.8	36.9	37	37.2	37.3	37.4	1.4
0.68	37.6	37.7	37.8	38	38.1	38.2	38.4	38.5	38.6	38.8	1.3
0.69	38.9	39.1	39.2	39.3	39.5	39.6	39.7	39.9	40	40.1	1.4
0.7	40.3*	40.4	40.6	40.7	40.9	41	41.2	41.3	41.5	41.6	1.5
0.71	41.8	41.9	42.1	42.2	42.4	42.5	42.7	42.8	42.9	43.1	1.4
0.72	43.2	43.4	43.5	43.7	43.8	44	44.1	44.3	44.4	44.6	1.5
0.73	44.7	44.9	45	45.2	45.3	45.5	45.6	45.8	45.9	46.1	1.5
0.74	46.2	46.4	46.5	46.7	46.8	47	47.1	47.3	47.4	47.6	1.5
0.75	47.7*	47.9	48	48.2	48.3	48.5	48.7	48.8	49	49.1	1.6
0.76	49.3	49.5	49.6	49.8	49.9	50.1	50.3	50.4	50.6	50.7	1.6
0.77	50.9	51.1	51.2	51.4	51.6	51.7	51.9	52	52.2	52.4	1.6
0.78	52.5	52.7	52.8	53	53.2	53.3	53.5	53.6	53.8	54	1.6
0.79	54.1	54.3	54.4	54.6	54.8	54.9	55.1	55.2	55.4	55.6	1.6

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 06:59:03 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 6.000 TYPE: Unknown EXPANSION: STATUS: Approved

Remarks: Coincident with Table #5 =< 0.550m and => 1.250m

EXPANDED RATING TABLE

Stage (m)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
0.8	55.7*	55.9	56.1	56.2	56.4	56.6	56.8	56.9	57.1	57.3	1.7
0.81	57.4	57.6	57.8	57.9	58.1	58.3	58.5	58.6	58.8	59	1.7
0.82	59.1	59.3	59.5	59.7	59.8	60	60.2	60.3	60.5	60.7	1.8
0.83	60.9	61	61.2	61.4	61.5	61.7	61.9	62.1	62.2	62.4	1.7
0.84	62.6	62.7	62.9	63.1	63.2	63.4	63.6	63.8	63.9	64.1	1.7
0.85	64.3*	64.5	64.6	64.8	65	65.2	65.4	65.6	65.8	65.9	1.8
0.86	66.1	66.3	66.5	66.7	66.9	67	67.2	67.4	67.6	67.8	1.9
0.87	68	68.1	68.3	68.5	68.7	68.9	69.1	69.3	69.4	69.6	1.8
0.88	69.8	70	70.2	70.4	70.5	70.7	70.9	71.1	71.3	71.5	1.9
0.89	71.7	71.8	72	72.2	72.4	72.6	72.8	72.9	73.1	73.3	1.8
0.9	73.5*	73.7	73.9	74.1	74.3	74.4	74.6	74.8	75	75.2	1.9

0.91	75.4	75.6	75.8	75.9	76.1	76.3	76.5	76.7	76.9	77.1	1.9
0.92	77.3	77.4	77.6	77.8	78	78.2	78.4	78.6	78.8	78.9	1.8
0.93	79.1	79.3	79.5	79.7	79.9	80.1	80.3	80.4	80.6	80.8	1.9
0.94	81	81.2	81.4	81.6	81.8	81.9	82.1	82.3	82.5	82.7	1.9
0.95	82.9*	83.1	83.3	83.5	83.7	83.8	84	84.2	84.4	84.6	1.9
0.96	84.8	85	85.2	85.4	85.6	85.8	86	86.2	86.4	86.6	2
0.97	86.8	87	87.2	87.3	87.5	87.7	87.9	88.1	88.3	88.5	1.9
0.98	88.7	88.9	89.1	89.3	89.5	89.7	89.9	90.1	90.3	90.5	2
0.99	90.7	90.8	91	91.2	91.4	91.6	91.8	92	92.2	92.4	1.9
1	92.6*	92.8	93	93.2	93.4	93.6	93.8	94	94.2	94.4	2
1.01	94.6	94.8	95	95.2	95.4	95.6	95.8	96.1	96.3	96.5	2.1
1.02	96.7	96.9	97.1	97.3	97.5	97.7	97.9	98.1	98.3	98.5	2
1.03	98.7	98.9	99.1	99.3	99.5	99.7	99.9	100	100	101	2.3
1.04	101	101	101	101	102	102	102	102	102	103	2
1.05	103*	103	103	103	104	104	104	104	104	105	2
1.06	105	105	105	105	106	106	106	106	106	107	2
1.07	107	107	107	108	108	108	108	108	109	109	2
1.08	109	109	109	110	110	110	110	110	111	111	2
1.09	111	111	111	112	112	112	112	112	113	113	2
1.1	113*	113	114	114	114	114	114	115	115	115	2
1.11	115	115	116	116	116	116	117	117	117	117	2
1.12	117	118	118	118	118	119	119	119	119	119	3
1.13	120	120	120	120	121	121	121	121	121	122	2
1.14	122	122	122	122	123	123	123	123	124	124	2
1.15	124*	124	124	125	125	125	125	126	126	126	2
1.16	126	126	127	127	127	127	128	128	128	128	2
1.17	128	129	129	129	129	130	130	130	130	130	3

1.18	131	131	131	131	131	132	132	132	132	133	2
1.19	133	133	133	133	134	134	134	134	135	135	2

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 06:59:03 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 6.000 TYPE: Unknown EXPANSION: STATUS: Approved

Remarks: Coincident with Table #5 =< 0.550m and => 1.250m

EXPANDED RATING TABLE

Stage (m)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
1.2	135*	135	135	136	136	136	136	137	137	137	2
1.21	137	137	138	138	138	138	139	139	139	139	2
1.22	139	140	140	140	140	141	141	141	141	141	3
1.23	142	142	142	142	142	143	143	143	143	144	2
1.24	144	144	144	144	145	145	145	145	146	146	2
1.25	146*	146	146	147	147	147	147	148	148	148	2
1.26	148	149	149	149	149	150	150	150	150	151	3
1.27	151	151	151	152	152	152	152	152	153	153	2
1.28	153	153	154	154	154	154	155	155	155	155	3
1.29	156	156	156	156	157	157	157	157	158	158	2

1.3	158	158	158	159	159	159	159	160	160	160	2
1.31	160	161	161	161	161	162	162	162	162	163	3
1.32	163	163	163	164	164	164	164	164	165	165	2
1.33	165	165	166	166	166	166	167	167	167	167	3
1.34	168	168	168	168	169	169	169	169	170	170	2
1.35	170	170	170	171	171	171	171	172	172	172	2
1.36	172	173	173	173	173	174	174	174	174	175	3
1.37	175	175	175	176	176	176	176	176	177	177	2
1.38	177	177	178	178	178	178	179	179	179	179	3
1.39	180	180	180	180	181	181	181	181	182	182	2
1.4	182*	182	183	183	183	183	184	184	184	184	3
1.41	185	185	185	185	186	186	186	186	187	187	2
1.42	187	187	188	188	188	189	189	189	189	190	3
1.43	190	190	190	191	191	191	191	192	192	192	2
1.44	192	193	193	193	193	194	194	194	194	195	3
1.45	195	195	196	196	196	196	197	197	197	197	3
1.46	198	198	198	198	199	199	199	199	200	200	2
1.47	200	200	201	201	201	202	202	202	202	203	3
1.48	203	203	203	204	204	204	204	205	205	205	2
1.49	205	206	206	206	206	207	207	207	207	208	3
1.5	208*	208	209	209	209	209	210	210	210	211	3
1.51	211	211	211	212	212	212	212	213	213	213	3
1.52	214	214	214	214	215	215	215	216	216	216	2
1.53	216	217	217	217	218	218	218	218	219	219	3
1.54	219	219	220	220	220	221	221	221	221	222	3
1.55	222	222	223	223	223	223	224	224	224	225	3

1.56	225	225	225	226	226	226	226	227	227	227	3
1.57	228	228	228	228	229	229	229	230	230	230	2
1.58	230	231	231	231	232	232	232	232	233	233	3
1.59	233	233	234	234	234	235	235	235	235	236	3

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 06:59:03 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 6.000 TYPE: Unknown EXPANSION: STATUS: Approved

Remarks: Coincident with Table #5 =< 0.550m and => 1.250m

EXPANDED RATING TABLE

Stage (m)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
1.6	236	236	237	237	237	237	238	238	238	239	3
1.61	239	239	239	240	240	240	240	241	241	241	3
1.62	242	242	242	242	243	243	243	244	244	244	2
1.63	244	245	245	245	246	246	246	246	247	247	3
1.64	247	247	248	248	248	249	249	249	249	250	3
1.65	250*	250	251	251	251	252	252	252	252	253	3
1.66	253	253	254	254	254	255	255	255	255	256	3
1.67	256	256	257	257	257	258	258	258	258	259	3

1.68	259	259	260	260	260	261	261	261	261	262	3
1.69	262	262	263	263	263	264	264	264	264	265	3
1.7	265	265	266	266	266	267	267	267	267	268	3
1.71	268	268	269	269	269	270	270	270	270	271	3
1.72	271	271	272	272	272	273	273	273	273	274	3
1.73	274	274	275	275	275	276	276	276	276	277	3
1.74	277	277	278	278	278	279	279	279	279	280	3
1.75	280	280	281	281	281	282	282	282	282	283	3
1.76	283	283	284	284	284	285	285	285	285	286	3
1.77	286	286	287	287	287	288	288	288	288	289	3
1.78	289	289	290	290	290	291	291	291	291	292	3
1.79	292	292	293	293	293	294	294	294	294	295	3
1.8	295	295	296	296	296	297	297	297	297	298	3
1.81	298	298	299	299	299	300	300	300	300	301	3
1.82	301	301	302	302	302	303	303	303	303	304	3
1.83	304	304	305	305	305	306	306	306	306	307	3
1.84	307	307	308	308	308	309	309	309	309	310	3
1.85	310	310	311	311	311	312	312	312	312	313	3
1.86	313	313	314	314	314	315	315	315	315	316	3
1.87	316	316	317	317	317	318	318	318	318	319	3
1.88	319	319	320	320	320	321	321	321	321	322	3
1.89	322	322	323	323	323	324	324	324	324	325	3
1.9	325	325	326	326	326	327	327	327	327	328	3
1.91	328	328	329	329	329	330	330	330	330	331	3
1.92	331	331	332	332	332	333	333	333	333	334	3
1.93	334	334	335	335	335	336	336	336	336	337	3
1.94	337	337	338	338	338	339	339	339	339	340	3

1.95	340	340	341	341	341	342	342	342	342	343	3
1.96	343	343	344	344	344	345	345	345	345	346	3
1.97	346	346	347	347	347	348	348	348	348	349	3
1.98	349	349	350	350	350	351	351	351	351	352	3
1.99	352	352	353	353	353	354	354	354	354	355	3

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 06:59:03 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 6.000 TYPE: Unknown EXPANSION: STATUS: Approved

Remarks: Coincident with Table #5 =< 0.550m and => 1.250m

EXPANDED RATING TABLE

Stage (m)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
2	355	355	356	356	356	357	357	357	357	358	3
2.01	358	358	359	359	359	360	360	360	360	361	3
2.02	361	361	362	362	362	363	363	363	363	364	3
2.03	364	364	365	365	365	366	366	366	366	367	3
2.04	367	367	368	368	368	369	369	369	369	370	3
2.05	370*	370	371	371	371	372	372	372	373	373	3

2.06	373	374	374	374	374	375	375	375	376	376	3
2.07	376	377	377	377	378	378	378	379	379	379	4
2.08	380	380	380	381	381	381	382	382	382	382	3
2.09	383	383	383	384	384	384	385	385	385	386	3
2.1	386	386	387	387	387	388	388	388	389	389	3
2.11	389	390	390	390	390	391	391	391	392	392	3
2.12	392	393	393	393	394	394	394	395	395	395	4
2.13	396	396	396	397	397	397	398	398	398	398	3
2.14	399	399	399	400	400	400	401	401	401	402	3
2.15	402*	402	403	403	403	404	404	404	405	405	3
2.16	405	406	406	406	407	407	407	408	408	408	4
2.17	409	409	409	410	410	411	411	411	412	412	3
2.18	412	413	413	413	414	414	414	415	415	415	4
2.19	416	416	416	417	417	417	418	418	418	419	3
2.2	419*	419	420	420	420	421	421	421	422	422	3
2.21	422	423	423	423	424	424	424	425	425	425	4
2.22	426	426	426	427	427	428	428	428	429	429	3
2.23	429	430	430	430	431	431	431	432	432	432	4
2.24	433	433	433	434	434	434	435	435	435	436	3
2.25	436*	436	437	437	437	438	438	439	439	439	4
2.26	440	440	440	441	441	441	442	442	442	443	3
2.27	443	444	444	444	445	445	445	446	446	446	4
2.28	447	447	448	448	448	449	449	449	450	450	3
2.29	450	451	451	451	452	452	453	453	453	454	4
2.3	454*	454	455	455	455	456	456	457	457	457	4
2.31	458	458	458	459	459	459	460	460	460	461	3
2.32	461	462	462	462	463	463	463	464	464	464	4

2.33	465	465	466	466	466	467	467	467	468	468	3
2.34	468	469	469	469	470	470	471	471	471	472	4
2.35	472*	472	473	473	473	474	474	475	475	475	4
2.36	476	476	476	477	477	477	478	478	478	479	3
2.37	479	480	480	480	481	481	481	482	482	482	4
2.38	483	483	484	484	484	485	485	485	486	486	3
2.39	486	487	487	487	488	488	489	489	489	490	4

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 06:59:03 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 6.000 TYPE: Unknown EXPANSION: STATUS: Approved

Remarks: Coincident with Table #5 =< 0.550m and => 1.250m

EXPANDED RATING TABLE

Stage (m)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
2.4	490*	490	491	491	491	492	492	493	493	493	4
2.41	494	494	494	495	495	495	496	496	496	497	3
2.42	497	498	498	498	499	499	499	500	500	500	4
2.43	501	501	502	502	502	503	503	503	504	504	3
2.44	504	505	505	505	506	506	507	507	507	508	4

2.45	508*	508	509	509	509	510	510	511	511	511	4
2.46	512	512	512	513	513	513	514	514	514	515	3
2.47	515	516	516	516	517	517	517	518	518	518	4
2.48	519	519	520	520	520	521	521	521	522	522	3
2.49	522	523	523	523	524	524	525	525	525	526	4
2.5	526*	526	527	527	527	528	528	529	529	529	4
2.51	530	530	530	531	531	531	532	532	532	533	3
2.52	533	534	534	534	535	535	535	536	536	536	4
2.53	537	537	538	538	538	539	539	539	540	540	3
2.54	540	541	541	541	542	542	543	543	543	544	4
2.55	544*	544	545	545	545	546	546	547	547	547	4
2.56	548	548	548	549	549	549	550	550	550	551	3
2.57	551	552	552	552	553	553	553	554	554	554	4
2.58	555	555	556	556	556	557	557	557	558	558	3
2.59	558	559	559	559	560	560	561	561	561	562	4
2.6	562*	562	563	563	564	564	564	565	565	565	4
2.61	566	566	567	567	567	568	568	568	569	569	4
2.62	570	570	570	571	571	572	572	572	573	573	3
2.63	573	574	574	575	575	575	576	576	576	577	4
2.64	577	578	578	578	579	579	579	580	580	581	4
2.65	581*	581	582	582	583	583	583	584	584	584	4
2.66	585	585	586	586	586	587	587	587	588	588	4
2.67	589	589	589	590	590	591	591	591	592	592	3
2.68	592	593	593	594	594	594	595	595	595	596	4
2.69	596	597	597	597	598	598	598	599	599	600	4
2.7	600*	600	601	601	602	602	602	603	603	604	4

2.71	604	604	605	605	606	606	606	607	607	608	4
2.72	608	608	609	609	610	610	610	611	611	612	4
2.73	612	612	613	613	614	614	614	615	615	616	4
2.74	616	616	617	617	618	618	618	619	619	620	4
2.75	620*	620	621	621	622	622	623	623	623	624	4
2.76	624	625	625	625	626	626	627	627	628	628	4
2.77	628	629	629	630	630	631	631	631	632	632	5
2.78	633	633	633	634	634	635	635	636	636	636	4
2.79	637	637	638	638	638	639	639	640	640	641	4

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 06:59:03 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 6.000 TYPE: Unknown EXPANSION: STATUS: Approved

Remarks: Coincident with Table #5 =< 0.550m and => 1.250m

EXPANDED RATING TABLE

Stage (m)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
2.8	641*	641	642	642	643	643	644	644	645	645	4
2.81	645	646	646	647	647	648	648	648	649	649	5
2.82	650	650	651	651	652	652	652	653	653	654	4

2.83	654	655	655	656	656	656	657	657	658	658	5
2.84	659	659	659	660	660	661	661	662	662	663	4
2.85	663*										

* indicates a rating descriptor point

Starting Date	Aging	Comments
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01/01/2008 00:00:00 PST	4	

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556
 Date Processed: 10/30/2013 07:00:08 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 7.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 01/04/2011 @ 13:58:52 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: Coincident with Table #6 at and above 1.00m

EXPANDED RATING TABLE

Discharge (m³/s)

Stage (m)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
0.4	7.00*	7.09	7.18	7.28	7.37	7.46	7.55	7.64	7.74	7.83	0.92
0.41	7.92	8.01	8.1	8.2	8.29	8.38	8.47	8.56	8.66	8.75	0.92
0.42	8.84	8.93	9.02	9.12	9.21	9.3	9.39	9.48	9.58	9.67	0.92
0.43	9.76	9.85	9.94	10	10.1	10.2	10.3	10.4	10.5	10.6	0.94
0.44	10.7	10.8	10.9	11	11	11.1	11.2	11.3	11.4	11.5	0.9
0.45	11.6*	11.7	11.8	11.9	12	12.1	12.2	12.2	12.3	12.4	0.9
0.46	12.5	12.6	12.7	12.8	12.9	13	13.1	13.2	13.3	13.3	0.9
0.47	13.4	13.5	13.6	13.7	13.8	13.9	14	14.1	14.2	14.3	1
0.48	14.4	14.5	14.5	14.6	14.7	14.8	14.9	15	15.1	15.2	0.9
0.49	15.3	15.4	15.5	15.6	15.6	15.7	15.8	15.9	16	16.1	0.9
0.5	16.2*	16.3	16.4	16.5	16.6	16.7	16.8	16.9	17	17.1	1
0.51	17.2	17.3	17.4	17.4	17.5	17.6	17.7	17.8	17.9	18	0.9
0.52	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	19	1
0.53	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.8	19.9	0.9
0.54	20	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	1

0.55	21.0*	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	1
0.56	22	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	1
0.57	23	23.1	23.2	23.3	23.4	23.6	23.7	23.8	23.9	24	1.1
0.58	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	25	1
0.59	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	26	1
0.6	26.1*	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	27	1
0.61	27.1	27.2	27.3	27.5	27.6	27.7	27.8	27.9	28	28.1	1.1
0.62	28.2	28.3	28.4	28.5	28.6	28.7*	28.8	28.9	29	29.1	1.1
0.63	29.3	29.4	29.5	29.6	29.7	29.8	29.9	30	30.2	30.3	1.1
0.64	30.4	30.5	30.6	30.7	30.8	30.9	31.1	31.2	31.3	31.4	1.1
0.65	31.5*	31.6	31.8	31.9	32	32.1	32.3	32.4	32.5	32.6	1.3
0.66	32.8	32.9	33	33.1	33.3	33.4	33.5	33.6	33.8	33.9	1.2
0.67	34	34.1	34.3	34.4	34.5	34.7	34.8	34.9	35	35.2	1.3
0.68	35.3	35.4	35.5	35.7	35.8	35.9	36	36.2	36.3	36.4	1.2
0.69	36.5	36.7	36.8	36.9	37	37.2	37.3	37.4	37.5	37.7	1.3
0.7	37.8*	37.9	38.1	38.2	38.4	38.5	38.7	38.8	39	39.1	1.4
0.71	39.2	39.4	39.5	39.7	39.8	40	40.1	40.2	40.4	40.5	1.5
0.72	40.7	40.8	41	41.1	41.3	41.4	41.5	41.7	41.8	42	1.4
0.73	42.1	42.3	42.4	42.6	42.7	42.8	43	43.1	43.3	43.4	1.5
0.74	43.6	43.7	43.8	44	44.1	44.3	44.4	44.6	44.7	44.9	1.4
0.75	45.0*	45.2	45.3	45.5	45.7	45.9	46	46.2	46.4	46.5	1.7
0.76	46.7	46.9	47	47.2	47.4	47.6	47.7	47.9	48.1	48.2	1.7
0.77	48.4	48.6	48.7	48.9	49.1	49.3	49.4	49.6	49.8	49.9	1.7
0.78	50.1	50.3	50.4	50.6	50.8	51	51.1	51.3	51.5	51.6	1.7
0.79	51.8	52	52.1	52.3	52.5	52.7	52.8	53	53.2	53.3	1.7

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 07:00:08 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 7.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 01/04/2011 @ 13:58:52 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: Coincident with Table #6 at and above 1.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
0.8	53.5*	53.7	53.9	54	54.2	54.4	54.6	54.8	55	55.1	1.8
0.81	55.3	55.5	55.7	55.9	56	56.2	56.4	56.6	56.8	57	1.8
0.82	57.1	57.3	57.5	57.7	57.9	58.1	58.2	58.4	58.6	58.8	1.9
0.83	59	59.1	59.3	59.5	59.7	59.9	60.1	60.2	60.4	60.6	1.8
0.84	60.8	61	61.1	61.3	61.5	61.7	61.9	62.1	62.2	62.4	1.8
0.85	62.6*	62.8	63	63.2	63.4	63.6	63.8	64	64.2	64.4	2
0.86	64.6	64.8	65	65.2	65.4	65.6	65.8	66	66.2	66.4	2
0.87	66.6	66.8	67	67.2	67.4	67.6	67.8	68	68.2	68.4	2
0.88	68.6	68.8	69	69.2	69.4	69.6	69.8	70	70.2	70.4	2
0.89	70.6	70.8	71	71.2	71.4	71.6	71.8	72	72.2	72.4	2
0.9	72.6*	72.8	73	73.2	73.4	73.6	73.8	74	74.2	74.4	2
0.91	74.6	74.8	75	75.2	75.4	75.6	75.8	76	76.2	76.4	2
0.92	76.6	76.8	77	77.2	77.4	77.6	77.8	78	78.2	78.4	2
0.93	78.6	78.8	79	79.2	79.4	79.6	79.8	80	80.2	80.4	2
0.94	80.6	80.8	81	81.2	81.4	81.6	81.8	82	82.2	82.4	2
0.95	82.6*	82.8	83	83.2	83.4	83.6	83.8	84	84.2	84.4	2

0.96	84.6	84.8	85	85.2	85.4	85.6	85.8	86	86.2	86.4	2
0.97	86.6	86.8	87	87.2	87.4	87.6	87.8	88	88.2	88.4	2
0.98	88.6	88.8	89	89.2	89.4	89.6	89.8	90	90.2	90.4	2
0.99	90.6	90.8	91	91.2	91.4	91.6	91.8	92	92.2	92.4	2
1	92.6*	92.8	93	93.2	93.4	93.6	93.8	94	94.2	94.4	2
1.01	94.6	94.8	95	95.2	95.4	95.6	95.8	96.1	96.3	96.5	2.1
1.02	96.7	96.9	97.1	97.3	97.5	97.7	97.9	98.1	98.3	98.5	2
1.03	98.7	98.9	99.1	99.3	99.5	99.7	99.9	100	100	101	2.3
1.04	101	101	101	101	102	102	102	102	102	103	2
1.05	103*	103	103	103	104	104	104	104	104	105	2
1.06	105	105	105	105	106	106	106	106	106	107	2
1.07	107	107	107	108	108	108	108	108	109	109	2
1.08	109	109	109	110	110	110	110	110	111	111	2
1.09	111	111	111	112	112	112	112	112	113	113	2
1.1	113*	113	114	114	114	114	114	115	115	115	2
1.11	115	115	116	116	116	116	117	117	117	117	2
1.12	117	118	118	118	118	119	119	119	119	119	3
1.13	120	120	120	120	121	121	121	121	121	122	2
1.14	122	122	122	122	123	123	123	123	124	124	2
1.15	124*	124	124	125	125	125	125	126	126	126	2
1.16	126	126	127	127	127	127	128	128	128	128	2
1.17	128	129	129	129	129	130	130	130	130	130	3
1.18	131	131	131	131	131	132	132	132	132	133	2
1.19	133	133	133	133	134	134	134	134	135	135	2

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 07:00:08 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 7.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 01/04/2011 @ 13:58:52 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: Coincident with Table #6 at and above 1.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
1.2	135*	135	135	136	136	136	136	137	137	137	2
1.21	137	137	138	138	138	138	139	139	139	139	2
1.22	139	140	140	140	140	141	141	141	141	141	3
1.23	142	142	142	142	142	143	143	143	143	144	2
1.24	144	144	144	144	145	145	145	145	146	146	2
1.25	146*	146	146	147	147	147	147	148	148	148	2
1.26	148	149	149	149	149	150	150	150	150	151	3
1.27	151	151	151	152	152	152	152	152	153	153	2
1.28	153	153	154	154	154	154	155	155	155	155	3
1.29	156	156	156	156	157	157	157	157	158	158	2
1.3	158	158	158	159	159	159	159	160	160	160	2
1.31	160	161	161	161	161	162	162	162	162	163	3
1.32	163	163	163	164	164	164	164	164	165	165	2
1.33	165	165	166	166	166	166	167	167	167	167	3
1.34	168	168	168	168	169	169	169	169	170	170	2
1.35	170	170	170	171	171	171	171	172	172	172	2
1.36	172	173	173	173	173	174	174	174	174	175	3
1.37	175	175	175	176	176	176	176	176	177	177	2

1.38	177	177	178	178	178	178	179	179	179	179	3
1.39	180	180	180	180	181	181	181	181	182	182	2
1.4	182*	182	183	183	183	183	184	184	184	184	3
1.41	185	185	185	185	186	186	186	186	187	187	2
1.42	187	187	188	188	188	189	189	189	189	190	3
1.43	190	190	190	191	191	191	191	192	192	192	2
1.44	192	193	193	193	193	194	194	194	194	195	3
1.45	195	195	196	196	196	196	197	197	197	197	3
1.46	198	198	198	198	199	199	199	199	200	200	2
1.47	200	200	201	201	201	202	202	202	202	203	3
1.48	203	203	203	204	204	204	204	205	205	205	2
1.49	205	206	206	206	206	207	207	207	207	208	3
1.5	208*	208	209	209	209	209	210	210	210	211	3
1.51	211	211	211	212	212	212	212	213	213	213	3
1.52	214	214	214	214	215	215	215	216	216	216	2
1.53	216	217	217	217	218	218	218	218	219	219	3
1.54	219	219	220	220	220	221	221	221	221	222	3
1.55	222	222	223	223	223	223	224	224	224	225	3
1.56	225	225	225	226	226	226	226	227	227	227	3
1.57	228	228	228	228	229	229	229	230	230	230	2
1.58	230	231	231	231	232	232	232	232	233	233	3
1.59	233	233	234	234	234	235	235	235	235	236	3

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556
 Date Processed: 10/30/2013 07:00:08 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 7.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 01/04/2011 @ 13:58:52 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: Coincident with Table #6 at and above 1.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
1.6	236	236	237	237	237	237	238	238	238	239	3
1.61	239	239	239	240	240	240	240	241	241	241	3
1.62	242	242	242	242	243	243	243	244	244	244	2
1.63	244	245	245	245	246	246	246	246	247	247	3
1.64	247	247	248	248	248	249	249	249	249	250	3
1.65	250*	250	251	251	251	252	252	252	252	253	3
1.66	253	253	254	254	254	255	255	255	255	256	3
1.67	256	256	257	257	257	258	258	258	258	259	3
1.68	259	259	260	260	260	261	261	261	261	262	3
1.69	262	262	263	263	263	264	264	264	264	265	3
1.7	265	265	266	266	266	267	267	267	267	268	3
1.71	268	268	269	269	269	270	270	270	270	271	3
1.72	271	271	272	272	272	273	273	273	273	274	3
1.73	274	274	275	275	275	276	276	276	276	277	3
1.74	277	277	278	278	278	279	279	279	279	280	3
1.75	280	280	281	281	281	282	282	282	282	283	3
1.76	283	283	284	284	284	285	285	285	285	286	3
1.77	286	286	287	287	287	288	288	288	288	289	3
1.78	289	289	290	290	290	291	291	291	291	292	3
1.79	292	292	293	293	293	294	294	294	294	295	3

1.8	295	295	296	296	296	297	297	297	297	298	3
1.81	298	298	299	299	299	300	300	300	300	301	3
1.82	301	301	302	302	302	303	303	303	303	304	3
1.83	304	304	305	305	305	306	306	306	306	307	3
1.84	307	307	308	308	308	309	309	309	309	310	3
1.85	310	310	311	311	311	312	312	312	312	313	3
1.86	313	313	314	314	314	315	315	315	315	316	3
1.87	316	316	317	317	317	318	318	318	318	319	3
1.88	319	319	320	320	320	321	321	321	321	322	3
1.89	322	322	323	323	323	324	324	324	324	325	3
1.9	325	325	326	326	326	327	327	327	327	328	3
1.91	328	328	329	329	329	330	330	330	330	331	3
1.92	331	331	332	332	332	333	333	333	333	334	3
1.93	334	334	335	335	335	336	336	336	336	337	3
1.94	337	337	338	338	338	339	339	339	339	340	3
1.95	340	340	341	341	341	342	342	342	342	343	3
1.96	343	343	344	344	344	345	345	345	345	346	3
1.97	346	346	347	347	347	348	348	348	348	349	3
1.98	349	349	350	350	350	351	351	351	351	352	3
1.99	352	352	353	353	353	354	354	354	354	355	3

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556
 Date Processed: 10/30/2013 07:00:08 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 7.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 01/04/2011 @ 13:58:52 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: Coincident with Table #6 at and above 1.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
2	355	355	356	356	356	357	357	357	357	358	3
2.01	358	358	359	359	359	360	360	360	360	361	3
2.02	361	361	362	362	362	363	363	363	363	364	3
2.03	364	364	365	365	365	366	366	366	366	367	3
2.04	367	367	368	368	368	369	369	369	369	370	3
2.05	370*	370	371	371	371	372	372	372	373	373	3
2.06	373	374	374	374	374	375	375	375	376	376	3
2.07	376	377	377	377	378	378	378	379	379	379	4
2.08	380	380	380	381	381	381	382	382	382	382	3
2.09	383	383	383	384	384	384	385	385	385	386	3
2.1	386	386	387	387	387	388	388	388	389	389	3
2.11	389	390	390	390	390	391	391	391	392	392	3
2.12	392	393	393	393	394	394	394	395	395	395	4
2.13	396	396	396	397	397	397	398	398	398	398	3
2.14	399	399	399	400	400	400	401	401	401	402	3
2.15	402*	402	403	403	403	404	404	404	405	405	3
2.16	405	406	406	406	407	407	407	408	408	408	4
2.17	409	409	409	410	410	411	411	411	412	412	3
2.18	412	413	413	413	414	414	414	415	415	415	4
2.19	416	416	416	417	417	417	418	418	418	419	3
2.2	419*	419	420	420	420	421	421	421	422	422	3

2.21	422	423	423	423	424	424	424	425	425	425	4
2.22	426	426	426	427	427	428	428	428	429	429	3
2.23	429	430	430	430	431	431	431	432	432	432	4
2.24	433	433	433	434	434	434	435	435	435	436	3
2.25	436*	436	437	437	437	438	438	439	439	439	4
2.26	440	440	440	441	441	441	442	442	442	443	3
2.27	443	444	444	444	445	445	445	446	446	446	4
2.28	447	447	448	448	448	449	449	449	450	450	3
2.29	450	451	451	451	452	452	453	453	453	454	4
2.3	454*	454	455	455	455	456	456	457	457	457	4
2.31	458	458	458	459	459	459	460	460	460	461	3
2.32	461	462	462	462	463	463	463	464	464	464	4
2.33	465	465	466	466	466	467	467	467	468	468	3
2.34	468	469	469	469	470	470	471	471	471	472	4
2.35	472*	472	473	473	473	474	474	475	475	475	4
2.36	476	476	476	477	477	477	478	478	478	479	3
2.37	479	480	480	480	481	481	481	482	482	482	4
2.38	483	483	484	484	484	485	485	485	486	486	3
2.39	486	487	487	487	488	488	489	489	489	490	4

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556
 Date Processed: 10/30/2013 07:00:08 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 7.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 01/04/2011 @ 13:58:52 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: Coincident with Table #6 at and above 1.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
2.4	490*	490	491	491	491	492	492	493	493	493	4
2.41	494	494	494	495	495	495	496	496	496	497	3
2.42	497	498	498	498	499	499	499	500	500	500	4
2.43	501	501	502	502	502	503	503	503	504	504	3
2.44	504	505	505	505	506	506	507	507	507	508	4
2.45	508*	508	509	509	509	510	510	511	511	511	4
2.46	512	512	512	513	513	513	514	514	514	515	3
2.47	515	516	516	516	517	517	517	518	518	518	4
2.48	519	519	520	520	520	521	521	521	522	522	3
2.49	522	523	523	523	524	524	525	525	525	526	4
2.5	526*	526	527	527	527	528	528	529	529	529	4
2.51	530	530	530	531	531	531	532	532	532	533	3
2.52	533	534	534	534	535	535	535	536	536	536	4
2.53	537	537	538	538	538	539	539	539	540	540	3
2.54	540	541	541	541	542	542	543	543	543	544	4
2.55	544*	544	545	545	545	546	546	547	547	547	4
2.56	548	548	548	549	549	549	550	550	550	551	3
2.57	551	552	552	552	553	553	553	554	554	554	4
2.58	555	555	556	556	556	557	557	557	558	558	3
2.59	558	559	559	559	560	560	561	561	561	562	4
2.6	562*	562	563	563	564	564	564	565	565	565	4
2.61	566	566	567	567	567	568	568	568	569	569	4
2.62	570	570	570	571	571	572	572	572	573	573	3

2.63	573	574	574	575	575	575	576	576	576	577	4
2.64	577	578	578	578	579	579	579	580	580	581	4
2.65	581*	581	582	582	583	583	583	584	584	584	4
2.66	585	585	586	586	586	587	587	587	588	588	4
2.67	589	589	589	590	590	591	591	591	592	592	3
2.68	592	593	593	594	594	594	595	595	595	596	4
2.69	596	597	597	597	598	598	598	599	599	600	4
2.7	600*	600	601	601	602	602	602	603	603	604	4
2.71	604	604	605	605	606	606	606	607	607	608	4
2.72	608	608	609	609	610	610	610	611	611	612	4
2.73	612	612	613	613	614	614	614	615	615	616	4
2.74	616	616	617	617	618	618	618	619	619	620	4
2.75	620*	620	621	621	622	622	623	623	623	624	4
2.76	624	625	625	625	626	626	627	627	628	628	4
2.77	628	629	629	630	630	631	631	631	632	632	5
2.78	633	633	633	634	634	635	635	636	636	636	4
2.79	637	637	638	638	638	639	639	640	640	641	4

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
LATITUDE 53.68389 LONGITUDE -124.83556
Date Processed: 10/30/2013 07:00:08 UTC-08:00 By Lauren.Wick
Rating for Discharge (m³/s)
RATING ID: 7.000 TYPE: Unknown EXPANSION: STATUS: Approved
Created by import on 01/04/2011 @ 13:58:52 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
Remarks: Coincident with Table #6 at and above 1.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
2.8	641*	641	642	642	643	643	644	644	645	645	4
2.81	645	646	646	647	647	648	648	648	649	649	5
2.82	650	650	651	651	652	652	652	653	653	654	4
2.83	654	655	655	656	656	656	657	657	658	658	5
2.84	659	659	659	660	660	661	661	662	662	663	4
2.85	663*										

Starting Date	Ending Date	Aging	Comments
08/16/2010 17:10	01/01/2011 00:00		4

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556
 Date Processed: 10/30/2013 07:00:33 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 8.0 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by nicole.ferguson on 12/15/2011 @ 21:48:31 UTC, Updated by gord.holmes on 01/12/2012 @ 22:21:03 UTC
 Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
0.4	5.23*	5.29	5.35	5.41	5.48	5.54	5.6	5.66	5.73	5.79	0.63
0.41	5.86	5.92	5.98	6.05	6.12	6.18	6.25	6.31	6.38	6.45	0.66
0.42	6.52	6.58	6.65	6.72	6.79	6.86	6.93	7	7.07	7.14	0.69
0.43	7.21	7.28	7.35	7.43	7.5	7.57	7.64	7.72	7.79	7.87	0.73
0.44	7.94	8.02	8.09	8.17	8.24	8.32	8.4	8.47	8.55	8.63	0.77
0.45	8.71	8.78	8.86	8.94	9.02	9.1	9.18	9.26	9.34	9.42	0.8
0.46	9.51	9.59	9.67	9.75	9.83	9.92	10	10.1	10.2	10.3	0.79
0.47	10.3	10.4	10.5	10.6	10.7	10.8	10.9	10.9	11	11.1	0.9
0.48	11.2	11.3	11.4	11.5	11.6	11.7	11.7	11.8	11.9	12	0.9
0.49	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	13	0.9
0.5	13	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	1
0.51	14	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	1
0.52	15	15.1	15.2	15.3	15.4	15.5	15.7	15.8	15.9	16	1.1
0.53	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	17	1
0.54	17.1	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18	18.1	1.2
0.55	18.3	18.4	18.5	18.6	18.7	18.8	18.9	19.1	19.2	19.3	1.1
0.56	19.4	19.5	19.6	19.8	19.9	20	20.1	20.2	20.3	20.5	1.2

0.57	20.6	20.7	20.8	20.9	21.1	21.2	21.3	21.4	21.5	21.7	1.2
0.58	21.8	21.9	22	22.2	22.3	22.4	22.5	22.7	22.8	22.9	1.2
0.59	23	23.2	23.3	23.4	23.6	23.7	23.8	23.9	24.1	24.2	1.3
0.6	24.3	24.5	24.6	24.7	24.8	25	25.1	25.2	25.4	25.5	1.3
0.61	25.6	25.8	25.9	26	26.2	26.3	26.4	26.6	26.7	26.9	1.4
0.62	27	27.1	27.3	27.4	27.5	27.7	27.8	28	28.1	28.2	1.4
0.63	28.4	28.5	28.7	28.8	28.9	29.1	29.2	29.4	29.5	29.7	1.4
0.64	29.8	29.9	30.1	30.2	30.4	30.5	30.7	30.8	31	31.1	1.5
0.65	31.3	31.4	31.5	31.7	31.8	32	32.1	32.3	32.4	32.6	1.4
0.66	32.7	32.9	33	33.2	33.3	33.5	33.6	33.8	34	34.1	1.6
0.67	34.3	34.4	34.6	34.7	34.9	35	35.2	35.3	35.5	35.7	1.5
0.68	35.8	36	36.1	36.3	36.4	36.6	36.8	36.9	37.1	37.2	1.6
0.69	37.4	37.6	37.7	37.9	38.1	38.2	38.4	38.5*	38.7	38.8	1.6
0.7	39	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.3	40.4	1.6
0.71	40.6	40.7	40.9	41	41.2	41.4	41.5	41.7	41.8	42	1.6
0.72	42.2	42.3	42.5	42.7	42.8	43	43.1	43.3	43.5	43.6	1.6
0.73	43.8	44	44.1	44.3	44.4	44.6	44.8	44.9	45.1	45.3	1.6
0.74	45.4	45.6	45.8	45.9	46.1	46.3	46.5	46.6	46.8	47	1.7
0.75	47.1	47.3	47.5	47.6	47.8	48	48.1	48.3	48.5	48.7	1.7
0.76	48.8	49	49.2	49.4	49.5	49.7	49.9	50.1	50.2	50.4	1.8
0.77	50.6	50.8	50.9	51.1	51.3	51.5	51.6	51.8	52	52.2	1.7
0.78	52.3	52.5	52.7	52.9	53.1	53.2	53.4	53.6	53.8	54	1.8
0.79	54.1	54.3	54.5	54.7	54.9	55	55.2	55.4	55.6	55.8	1.9

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 07:00:33 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 8.0 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 12/15/2011 @ 21:48:31 UTC, Updated by gord.holmes on 01/12/2012 @ 22:21:03 UTC

Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
0.8	56	56.1	56.3	56.5	56.7	56.9	57.1	57.3	57.4	57.6	1.8
0.81	57.8	58	58.2	58.4	58.6	58.7	58.9	59.1	59.3	59.5	1.9
0.82	59.7	59.9	60.1	60.3	60.4	60.6	60.8	61	61.2	61.4	1.9
0.83	61.6	61.8	62	62.2	62.4	62.6	62.8	62.9	63.1	63.3	1.9
0.84	63.5	63.7	63.9	64.1	64.3	64.5	64.7	64.9	65.1	65.3	2
0.85	65.5	65.7	65.9	66.1	66.3	66.5	66.7	66.9	67.1	67.3	2
0.86	67.5	67.7	67.9	68.1	68.3	68.5	68.7	68.9	69.1	69.3	2
0.87	69.5	69.7	69.9	70.1	70.3	70.5	70.7	70.9	71.1	71.3	2
0.88	71.5	71.8	72	72.2	72.4	72.6	72.8	73	73.2	73.4	2.1
0.89	73.6	73.8	74	74.2	74.5	74.7	74.9	75.1	75.3	75.5	2.1
0.9	75.7	75.9	76.1	76.4	76.6	76.8	77	77.2	77.4	77.6	2.1
0.91	77.8	78.1	78.3	78.5	78.7	78.9	79.1	79.4	79.6	79.8	2.2
0.92	80	80.2	80.4	80.7	80.9	81.1	81.3	81.5	81.8	82	2.2
0.93	82.2	82.4	82.6	82.8	83.1	83.3	83.5	83.7	84	84.2	2.2
0.94	84.4	84.6	84.8	85.1	85.3	85.5	85.7	86	86.2	86.4	2.2
0.95	86.6	86.9	87.1	87.3	87.5	87.8	88	88.2	88.4	88.7	2.3
0.96	88.9	89.1	89.4	89.6	89.8	90	90.3	90.5	90.7	91	2.3
0.97	91.2	91.4	91.7	91.9	92.1	92.4	92.6	92.8	93	93.3	2.3
0.98	93.5	93.7	94	94.2	94.4	94.7	94.9	95.2	95.4	95.6	2.4
0.99	95.9	96.1	96.3	96.6	96.8	97	97.3	97.5	97.8	98	2.3
1	98.2	98.5	98.7	99	99.2	99.4	99.7	99.9	100	100	2.8
1.01	101	101	101	101	102	102	102	102	103	103	2
1.02	103	103	104	104	104	104	105	105	105	105*	2
1.03	105	106	106	106	106	106	107	107	107	107	2

1.04	107	108	108	108	108	108	108	109	109	109	2
1.05	109	109	110	110	110	110	110	111	111	111	2
1.06	111	111	111	112	112	112	112	112	113	113	2
1.07	113	113	113	114	114	114	114	114	115	115	2
1.08	115	115	115	115	116	116	116	116	116	117	2
1.09	117	117	117	117	118	118	118	118	118	119	2
1.1	119	119	119	119	120	120	120	120	120	121	2
1.11	121	121	121	121	121	122	122	122	122	122	2
1.12	123	123	123	123	123	124	124	124	124	124	2
1.13	125	125	125	125	125	126	126	126	126	126	2
1.14	127	127	127	127	127	128	128	128	128	128	2
1.15	129	129	129	129	129	130	130	130	130	130	2
1.16	131	131	131	131	131	132	132	132	132	132	2
1.17	133	133	133	133	133	134	134	134	134	134	2
1.18	135	135	135	135	135	136	136	136	136	136	2
1.19	137	137	137	137	137	138	138	138	138	138	2

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556
 Date Processed: 10/30/2013 07:00:33 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 8.0 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by nicole.ferguson on 12/15/2011 @ 21:48:31 UTC, Updated by gord.holmes on 01/12/2012 @ 22:21:03 UTC
 Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER										
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS

1.2	139	139	139	139	139	140	140	140	140	140	2
1.21	141	141	141	141	141	142	142	142	142	142	2
1.22	143	143	143	143	143	144	144	144	144	144	2
1.23	145	145	145	145	146	146	146	146	146	147	2
1.24	147	147	147	147	148	148	148	148	148	149	2
1.25	149	149	149	149	150	150	150	150	150	151	2
1.26	151	151	151	152	152	152	152	152	153	153	2
1.27	153	153	153	154	154	154	154	154	155	155	2
1.28	155	155	155	156	156	156	156	157	157	157	2
1.29	157	157	158	158	158	158	158	159	159	159	2
1.3	159	159	160	160	160	160	161	161	161	161	2
1.31	161	162	162	162	162	162	163	163	163	163	3
1.32	164	164	164	164	164	165	165	165	165	165	2
1.33	166	166	166	166	166	167	167	167	167	168	2
1.34	168	168	168	168	169	169	169	169	169	170	2
1.35	170	170	170	171	171	171	171	171	172	172	2
1.36	172	172	173	173	173	173	173	174	174	174	2
1.37	174	174	175	175	175	175	176	176	176	176	2
1.38	176	177	177	177	177	177	178	178	178	178	3
1.39	179	179	179	179	179	180	180	180	180	181	2
1.4	181	181	181	181	182	182	182	182	183	183	2
1.41	183	183	183	184	184	184	184	185	185	185	2
1.42	185	185	186	186	186	186	186	187	187	187	2
1.43	187	188	188	188	188	188	189	189	189	189	3
1.44	190	190	190	190	190	191	191	191	191	192	2
1.45	192	192	192	192	193	193	193	193	194	194	2
1.46	194	194	195	195	195	195	195	196	196	196	2
1.47	196	197	197	197	197	197	198	198	198	198	3
1.48	199	199	199	199	199	200	200	200	200	201	2
1.49	201	201	201	201	202	202	202	202	203	203	2

1.5	203	203	204	204	204	204	204	205	205	205	2
1.51	205	206	206	206	206	206	207	207	207	207	3
1.52	208	208	208	208	209	209	209	209	209	210	2
1.53	210	210	210	211	211	211	211	211	212	212	2
1.54	212	212	213	213	213	213	214	214	214	214	2
1.55	214	215	215	215	215	216*	216	216	216	217	3
1.56	217	217	217	218	218	218	218	219	219	219	3
1.57	220	220	220	220	221	221	221	221	222	222	2
1.58	222	222	223	223	223	223	224	224	224	225	3
1.59	225	225	225	226	226	226	226	227	227	227	2

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 07:00:33 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 8.0 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 12/15/2011 @ 21:48:31 UTC, Updated by gord.holmes on 01/12/2012 @ 22:21:03 UTC

Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
1.6	227	228	228	228	228	229	229	229	230	230	3
1.61	230	230	231	231	231	231	232	232	232	232	3
1.62	233	233	233	234	234	234	234	235	235	235	2
1.63	235	236	236	236	236	237	237	237	238	238	3
1.64	238	238	239	239	239	239	240	240	240	241	3
1.65	241	241	241	242	242	242	242	243	243	243	3

1.66	244	244	244	244	245	245	245	245	246	246	2
1.67	246	246	247	247	247	248	248	248	248	249	3
1.68	249	249	250	250	250	250	251	251	251	251	3
1.69	252	252	252	253	253	253	253	254	254	254	2
1.7	254	255	255	255	256	256	256	256	257	257	3
1.71	257	257	258	258	258	259	259	259	259	260	3
1.72	260	260	261	261	261	261	262	262	262	262	3
1.73	263	263	263	264	264	264	264	265	265	265	3
1.74	266	266	266	266	267	267	267	268	268	268	2
1.75	268	269	269	269	270	270	270	270	271	271	3
1.76	271	271	272	272	272	273	273	273	273	274	3
1.77	274	274	275	275	275	275	276	276	276	277	3
1.78	277	277	277	278	278	278	279	279	279	279	3
1.79	280	280	280	281	281	281	281	282	282	282	3
1.8	283	283	283	283	284	284	284	285	285	285	2
1.81	285	286	286	286	287	287	287	287	288	288	3
1.82	288	289	289	289	289	290	290	290	291	291	3
1.83	291	292	292	292	292	293	293	293	294	294	3
1.84	294	294	295	295	295	296	296	296	296	297	3
1.85	297	297	298	298	298	299	299	299	299	300	3
1.86	300	300	301	301	301	301	302	302	302	303	3
1.87	303	303	304	304	304	304	305	305	305	306	3
1.88	306	306	306	307	307	307	308	308	308	309	3
1.89	309	309	309	310	310	310	311	311	311	312	3
1.9	312	312	312	313	313	313	314	314	314	314	3
1.91	315	315	315	316	316	316	317	317	317	317	3
1.92	318	318	318	319	319	319	320	320	320	320	3
1.93	321	321	321	322	322	322	323	323	323	323	3
1.94	324	324	324	325	325	325	326	326	326	327	3
1.95	327	327	327	328	328	328	329	329	329	330	3
1.96	330	330	330	331	331	331	332	332	332	333	3

1.97	333	333	333	334	334	334	335	335	335	336	3
1.98	336	336	337	337	337	337	338	338	338	339	3
1.99	339	339	340	340	340	341	341	341	341	342	3

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 07:00:33 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 8.0 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 12/15/2011 @ 21:48:31 UTC, Updated by gord.holmes on 01/12/2012 @ 22:21:03 UTC

Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
2	342	342	343	343	343	344	344	344	345	345	3
2.01	345	345	346	346	346	347	347	347	348	348	3
2.02	348	349	349	349	350	350	350	350	351	351	3
2.03	351	352	352	352	353	353	353	354	354	354	3
2.04	354	355	355	355	356	356	356	357	357	357	4
2.05	358	358	358	359	359	359	359	360	360	360	3
2.06	361	361	361	362	362	362	363	363	363	364	3
2.07	364	364	365	365	365	365	366	366	366	367	3
2.08	367	367	368	368	368	369	369	369	370	370	3
2.09	370	371	371	371	371	372	372	372	373	373	3
2.1	373	374	374	374	375	375	375	376	376	376	4
2.11	377	377	377	378	378	378	378	379	379	379	3
2.12	380	380	380	381	381	381	382	382	382	383	3

2.13	383	383	384	384	384	385	385	385	386	386	3
2.14	386	387	387	387	387	388	388	388	389	389	3
2.15	389	390	390	390	391	391	391	392	392	392	4
2.16	393	393	393	394	394	394	395	395	395	396	3
2.17	396	396	397	397	397	398	398	398	399	399	3
2.18	399	399	400	400	400	401	401	401	402	402	3
2.19	402	403	403	403	404	404	404	405	405	405	4
2.2	406	406	406	407	407	407	408	408	408	409	3
2.21	409	409	410	410	410	411	411	411	412	412	3
2.22	412	413	413	413	414	414	414	415	415	415	4
2.23	416	416	416	417	417	417	418	418	418	419	3
2.24	419	419	420	420	420	421	421	421	422	422	3
2.25	422	423	423	423	424	424	424	425	425	425	4
2.26	426	426	426	427	427	427	428	428	428	429	3
2.27	429	429	430	430	430	431	431	431	432	432	3
2.28	432	433	433	433	434	434	434	435	435	435	4
2.29	436	436	436	437	437	437	438	438	438	439	3
2.3	439	439	440	440	440	441	441	441	442	442	3
2.31	442	443	443	443	444	444	444	445	445	445	4
2.32	446	446	446	447	447	448	448	448	449	449	3
2.33	449	450	450	450	451	451	451	452	452	452	4
2.34	453	453	453	454	454	454	455	455	455	456	3
2.35	456	456	457	457	457	458	458	458	459	459	3
2.36	459	460	460	461	461	461	462	462	462	463	4
2.37	463	463	464	464	464	465	465	465	466	466	3
2.38	466	467	467	467	468	468	468	469	469	469	4
2.39	470	470	471	471	471	472	472	472	473	473	3

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 07:00:33 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)
 RATING ID: 8.0 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by nicole.ferguson on 12/15/2011 @ 21:48:31 UTC, Updated by gord.holmes on 01/12/2012 @ 22:21:03 UTC
 Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
2.4	473	474	474	474	475	475	475	476	476	476	4
2.41	477	477	477	478	478	479	479	479	480	480	3
2.42	480	481	481	481	482	482	482	483	483	483	4
2.43	484	484	484	485	485	486	486	486	487	487	3
2.44	487	488	488	488	489	489	489	490	490	490	4
2.45	491	491	492	492	492	493	493	493	494	494	3
2.46	494	495	495	495	496	496	496	497	497	498	4
2.47	498	498	499	499	499	500	500	500	501	501	3
2.48	501	502	502	502	503	503	504	504	504	505	4
2.49	505	505	506	506	506	507	507	507	508	508	4
2.5	509	509	509	510	510	510	511	511	511	512	3
2.51	512	512	513	513	514	514	514	515	515	515	4
2.52	516	516	516	517	517	517	518	518	519	519	3
2.53	519	520	520	520	521	521	521	522	522	523	4
2.54	523	523	524	524	524	525	525	525	526	526	3
2.55	526	527	527	528	528	528	529	529	529	530	4
2.56	530	530	531	531	532	532	532	533	533	533	4
2.57	534	534	534	535	535	536	536	536	537	537	3
2.58	537	538	538	538	539	539	540	540	540	541	4
2.59	541	541	542	542	543	543	543	544	544	544	4

2.6	545	545	545	546	546	547	547	547	548	548	3
2.61	548	549	549	549	550	550	551	551	551	552	4
2.62	552	552	553	553	554	554	554	555	555	555	4
2.63	556	556	556	557	557	558	558	558	559	559	3
2.64	559	560	560	561	561	561	562	562	562	563	4
2.65	563	563	564	564	565	565	565	566	566	566	4
2.66	567	567	568	568	568	569	569	569	570	570	4
2.67	571	571	571	572	572	572	573	573	574	574	3
2.68	574	575	575	575	576	576	577	577	577	578	4
2.69	578	578	579	579	580	580	580	581	581	581	4
2.7	582	582	583	583	583	584	584	584	585	585	4
2.71	586	586	586	587	587	587	588	588	589	589	3
2.72	589	590	590	590	591	591	592	592	592	593	4
2.73	593	593	594	594	595	595	595	596	596	596	4
2.74	597	597	598	598	598	599	599	600	600	600	4
2.75	601	601	601	602	602	603	603	603	604	604	3
2.76	604	605	605	606	606	606	607	607	608	608	4
2.77	608	609	609	609	610	610	611	611	611	612	4
2.78	612	612	613	613	614	614	614	615	615	616	4
2.79	616	616	617	617	617	618	618	619	619	619	4

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 07:00:33 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 8.0 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 12/15/2011 @ 21:48:31 UTC, Updated by gord.holmes on 01/12/2012 @ 22:21:03 UTC

Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
2.8	620	620	621	621	621	622	622	622	623	623	4	
2.81	624	624	624	625	625	626	626	626	627	627	3	
2.82	627	628	628	629	629	629	630	630	631	631	4	
2.83	631	632	632	632	633	633	634	634	634	635	4	
2.84	635	636	636	636	637	637	638	638	638	639	4	
2.85	639	639	640	640	641	641	641	642	642	643	4	
2.86	643	643	644	644	645	645	645	646	646	646	4	
2.87	647	647	648	648	648	649	649	650	650	650	4	
2.88	651	651	652	652	652	653	653	654	654	654	4	
2.89	655	655	655	656	656	657	657	657	658	658	4	
2.9	659*											

* indicates a rating descriptor point

ID	Starting Date	Ending Date	Aging	Comments
8	01/01/2011 00:00:C	01/01/2012 00:00:C		4 Transition from French curve to Mathematical

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556
 Date Processed: 10/30/2013 07:01:05 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 8.01 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by russ.gregory on 01/28/2013 @ 19:58:21 UTC, Updated by russ.gregory on 01/28/2013 @ 19:59:58 UTC
 Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
0.4	5.23*	5.29	5.35	5.41	5.48	5.54	5.6	5.66	5.73	5.79	0.63
0.41	5.86	5.92	5.98	6.05	6.12	6.18	6.25	6.31	6.38	6.45	0.66
0.42	6.52	6.58	6.65	6.72	6.79	6.86	6.93	7	7.07	7.14	0.69
0.43	7.21	7.28	7.35	7.43	7.5	7.57	7.64	7.72	7.79	7.87	0.73
0.44	7.94	8.02	8.09	8.17	8.24	8.32	8.4	8.47	8.55	8.63	0.77
0.45	8.71	8.78	8.86	8.94	9.02	9.1	9.18	9.26	9.34	9.42	0.8
0.46	9.51	9.59	9.67	9.75	9.83	9.92	10	10.1	10.2	10.3	0.79
0.47	10.3	10.4	10.5	10.6	10.7	10.8	10.9	10.9	11	11.1	0.9
0.48	11.2	11.3	11.4	11.5	11.6	11.7	11.7	11.8	11.9	12	0.9
0.49	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	13	0.9
0.5	13	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	1
0.51	14	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	1
0.52	15	15.1	15.2	15.3	15.4	15.5	15.7	15.8	15.9	16	1.1
0.53	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	17	1
0.54	17.1	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18	18.1	1.2
0.55	18.3	18.4	18.5	18.6	18.7	18.8	18.9	19.1	19.2	19.3	1.1
0.56	19.4	19.5	19.6	19.8	19.9	20	20.1	20.2	20.3	20.5	1.2
0.57	20.6	20.7	20.8	20.9	21.1	21.2	21.3	21.4	21.5	21.7	1.2
0.58	21.8	21.9	22	22.2	22.3	22.4	22.5	22.7	22.8	22.9	1.2
0.59	23	23.2	23.3	23.4	23.6	23.7	23.8	23.9	24.1	24.2	1.3

0.6	24.3	24.5	24.6	24.7	24.8	25	25.1	25.2	25.4	25.5	1.3
0.61	25.6	25.8	25.9	26	26.2	26.3	26.4	26.6	26.7	26.9	1.4
0.62	27	27.1	27.3	27.4	27.5	27.7	27.8	28	28.1	28.2	1.4
0.63	28.4	28.5	28.7	28.8	28.9	29.1	29.2	29.4	29.5	29.7	1.4
0.64	29.8	29.9	30.1	30.2	30.4	30.5	30.7	30.8	31	31.1	1.5
0.65	31.3	31.4	31.5	31.7	31.8	32	32.1	32.3	32.4	32.6	1.4
0.66	32.7	32.9	33	33.2	33.3	33.5	33.6	33.8	34	34.1	1.6
0.67	34.3	34.4	34.6	34.7	34.9	35	35.2	35.3	35.5	35.7	1.5
0.68	35.8	36	36.1	36.3	36.4	36.6	36.8	36.9	37.1	37.2	1.6
0.69	37.4	37.6	37.7	37.9	38.1	38.2	38.4	38.5*	38.7	38.8	1.6
0.7	39	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.3	40.4	1.6
0.71	40.6	40.7	40.9	41	41.2	41.4	41.5	41.7	41.8	42	1.6
0.72	42.2	42.3	42.5	42.7	42.8	43	43.1	43.3	43.5	43.6	1.6
0.73	43.8	44	44.1	44.3	44.4	44.6	44.8	44.9	45.1	45.3	1.6
0.74	45.4	45.6	45.8	45.9	46.1	46.3	46.5	46.6	46.8	47	1.7
0.75	47.1	47.3	47.5	47.6	47.8	48	48.1	48.3	48.5	48.7	1.7
0.76	48.8	49	49.2	49.4	49.5	49.7	49.9	50.1	50.2	50.4	1.8
0.77	50.6	50.8	50.9	51.1	51.3	51.5	51.6	51.8	52	52.2	1.7
0.78	52.3	52.5	52.7	52.9	53.1	53.2	53.4	53.6	53.8	54	1.8
0.79	54.1	54.3	54.5	54.7	54.9	55	55.2	55.4	55.6	55.8	1.9

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556
 Date Processed: 10/30/2013 07:01:05 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 8.01 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by russ.gregory on 01/28/2013 @ 19:58:21 UTC, Updated by russ.gregory on 01/28/2013 @ 19:59:58 UTC
 Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m) Discharge (m³/s) DIFF IN Q PER

	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
0.8	56	56.1	56.3	56.5	56.7	56.9	57.1	57.3	57.4	57.6	1.8
0.81	57.8	58	58.2	58.4	58.6	58.7	58.9	59.1	59.3	59.5	1.9
0.82	59.7	59.9	60.1	60.3	60.4	60.6	60.8	61	61.2	61.4	1.9
0.83	61.6	61.8	62	62.2	62.4	62.6	62.8	62.9	63.1	63.3	1.9
0.84	63.5	63.7	63.9	64.1	64.3	64.5	64.7	64.9	65.1	65.3	2
0.85	65.5	65.7	65.9	66.1	66.3	66.5	66.7	66.9	67.1	67.3	2
0.86	67.5	67.7	67.9	68.1	68.3	68.5	68.7	68.9	69.1	69.3	2
0.87	69.5	69.7	69.9	70.1	70.3	70.5	70.7	70.9	71.1	71.3	2
0.88	71.5	71.8	72	72.2	72.4	72.6	72.8	73	73.2	73.4	2.1
0.89	73.6	73.8	74	74.2	74.5	74.7	74.9	75.1	75.3	75.5	2.1
0.9	75.7	75.9	76.1	76.4	76.6	76.8	77	77.2	77.4	77.6	2.1
0.91	77.8	78.1	78.3	78.5	78.7	78.9	79.1	79.4	79.6	79.8	2.2
0.92	80	80.2	80.4	80.7	80.9	81.1	81.3	81.5	81.8	82	2.2
0.93	82.2	82.4	82.6	82.8	83.1	83.3	83.5	83.7	84	84.2	2.2
0.94	84.4	84.6	84.8	85.1	85.3	85.5	85.7	86	86.2	86.4	2.2
0.95	86.6	86.9	87.1	87.3	87.5	87.8	88	88.2	88.4	88.7	2.3
0.96	88.9	89.1	89.4	89.6	89.8	90	90.3	90.5	90.7	91	2.3
0.97	91.2	91.4	91.7	91.9	92.1	92.4	92.6	92.8	93	93.3	2.3
0.98	93.5	93.7	94	94.2	94.4	94.7	94.9	95.2	95.4	95.6	2.4
0.99	95.9	96.1	96.3	96.6	96.8	97	97.3	97.5	97.8	98	2.3
1	98.2	98.5	98.7	99	99.2	99.4	99.7	99.9	100	100	2.8
1.01	101	101	101	101	102	102	102	102	103	103	2
1.02	103	103	104	104	104	104	105	105	105	105*	2
1.03	105	106	106	106	106	106	107	107	107	107	2
1.04	107	108	108	108	108	108	108	109	109	109	2
1.05	109	109	110	110	110	110	110	111	111	111	2
1.06	111	111	111	112	112	112	112	112	113	113	2
1.07	113	113	113	114	114	114	114	114	115	115	2
1.08	115	115	115	115	116	116	116	116	116	117	2
1.09	117	117	117	117	118	118	118	118	118	119	2
1.1	119	119	119	119	120	120	120	120	120	121	2

1.11	121	121	121	121	121	122	122	122	122	122	2
1.12	123	123	123	123	123	124	124	124	124	124	2
1.13	125	125	125	125	125	126	126	126	126	126	2
1.14	127	127	127	127	127	128	128	128	128	128	2
1.15	129	129	129	129	129	130	130	130	130	130	2
1.16	131	131	131	131	131	132	132	132	132	132	2
1.17	133	133	133	133	133	134	134	134	134	134	2
1.18	135	135	135	135	135	136	136	136	136	136	2
1.19	137	137	137	137	137	138	138	138	138	138	2

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556
 Date Processed: 10/30/2013 07:01:05 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 8.01 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by russ.gregory on 01/28/2013 @ 19:58:21 UTC, Updated by russ.gregory on 01/28/2013 @ 19:59:58 UTC
 Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER										
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
1.2	139	139	139	139	139	140	140	140	140	140	140	2
1.21	141	141	141	141	141	142	142	142	142	142	142	2
1.22	143	143	143	143	143	144	144	144	144	144	144	2
1.23	145	145	145	145	146	146	146	146	146	146	147	2
1.24	147	147	147	147	148	148	148	148	148	148	149	2
1.25	149	149	149	149	150	150	150	150	150	150	151	2
1.26	151	151	151	152	152	152	152	152	152	153	153	2
1.27	153	153	153	154	154	154	154	154	154	155	155	2
1.28	155	155	155	156	156	156	156	156	157	157	157	2
1.29	157	157	158	158	158	158	158	158	159	159	159	2

1.3	159	159	160	160	160	160	161	161	161	161	2
1.31	161	162	162	162	162	162	163	163	163	163	3
1.32	164	164	164	164	164	165	165	165	165	165	2
1.33	166	166	166	166	166	167	167	167	167	168	2
1.34	168	168	168	168	169	169	169	169	169	170	2
1.35	170	170	170	171	171	171	171	171	172	172	2
1.36	172	172	173	173	173	173	173	174	174	174	2
1.37	174	174	175	175	175	175	176	176	176	176	2
1.38	176	177	177	177	177	177	178	178	178	178	3
1.39	179	179	179	179	179	180	180	180	180	181	2
1.4	181	181	181	181	182	182	182	182	183	183	2
1.41	183	183	183	184	184	184	184	185	185	185	2
1.42	185	185	186	186	186	186	186	187	187	187	2
1.43	187	188	188	188	188	188	189	189	189	189	3
1.44	190	190	190	190	190	191	191	191	191	192	2
1.45	192	192	192	192	193	193	193	193	194	194	2
1.46	194	194	195	195	195	195	195	196	196	196	2
1.47	196	197	197	197	197	197	198	198	198	198	3
1.48	199	199	199	199	199	200	200	200	200	201	2
1.49	201	201	201	201	202	202	202	202	203	203	2
1.5	203	203	204	204	204	204	204	205	205	205	2
1.51	205	206	206	206	206	206	207	207	207	207	3
1.52	208	208	208	208	209	209	209	209	209	210	2
1.53	210	210	210	211	211	211	211	211	212	212	2
1.54	212	212	213	213	213	213	214	214	214	214	2
1.55	214	215	215	215	215	216*	216	216	216	217	3
1.56	217	217	217	218	218	218	218	219	219	219	3
1.57	220	220	220	220	221	221	221	221	222	222	2
1.58	222	222	223	223	223	223	224	224	224	225	3
1.59	225	225	225	226	226	226	226	227	227	227	2

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATA FALLS

SOURCE AGENCY: AI

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 07:01:05 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 8.01 TYPE: Unknown EXPANSION: STATUS: Approved

Created by russ.gregory on 01/28/2013 @ 19:58:21 UTC, Updated by russ.gregory on 01/28/2013 @ 19:59:58 UTC

Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER										
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
1.6		227	228	228	228	228	229	229	229	230	230	3
1.61		230	230	231	231	231	231	232	232	232	232	3
1.62		233	233	233	234	234	234	234	235	235	235	2
1.63		235	236	236	236	236	237	237	237	238	238	3
1.64		238	238	239	239	239	239	240	240	240	241	3
1.65		241	241	241	242	242	242	242	243	243	243	3
1.66		244	244	244	244	245	245	245	245	246	246	2
1.67		246	246	247	247	247	248	248	248	248	249	3
1.68		249	249	250	250	250	250	251	251	251	251	3
1.69		252	252	252	253	253	253	253	254	254	254	2
1.7		254	255	255	255	256	256	256	256	257	257	3
1.71		257	257	258	258	258	259	259	259	259	260	3
1.72		260	260	261	261	261	261	262	262	262	262	3
1.73		263	263	263	264	264	264	264	265	265	265	3
1.74		266	266	266	266	267	267	267	268	268	268	2
1.75		268	269	269	269	270	270	270	270	271	271	3
1.76		271	271	272	272	272	273	273	273	273	274	3
1.77		274	274	275	275	275	275	276	276	276	277	3
1.78		277	277	277	278	278	278	279	279	279	279	3
1.79		280	280	280	281	281	281	281	282	282	282	3
1.8		283	283	283	283	284	284	284	285	285	285	2

1.81	285	286	286	286	287	287	287	287	288	288	3
1.82	288	289	289	289	289	290	290	290	291	291	3
1.83	291	292	292	292	292	293	293	293	294	294	3
1.84	294	294	295	295	295	296	296	296	296	297	3
1.85	297	297	298	298	298	299	299	299	299	300	3
1.86	300	300	301	301	301	301	302	302	302	303	3
1.87	303	303	304	304	304	304	305	305	305	306	3
1.88	306	306	306	307	307	307	308	308	308	309	3
1.89	309	309	309	310	310	310	311	311	311	312	3
1.9	312	312	312	313	313	313	314	314	314	314	3
1.91	315	315	315	316	316	316	317	317	317	317	3
1.92	318	318	318	319	319	319	320	320	320	320	3
1.93	321	321	321	322	322	322	323	323	323	323	3
1.94	324	324	324	325	325	325	326	326	326	327	3
1.95	327	327	327	328	328	328	329	329	329	330	3
1.96	330	330	330	331	331	331	332	332	332	333	3
1.97	333	333	333	334	334	334	335	335	335	336	3
1.98	336	336	337	337	337	337	338	338	338	339	3
1.99	339	339	340	340	340	341	341	341	341	342	3

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556
 Date Processed: 10/30/2013 07:01:05 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 8.01 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by russ.gregory on 01/28/2013 @ 19:58:21 UTC, Updated by russ.gregory on 01/28/2013 @ 19:59:58 UTC
 Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009

2	342	342	343	343	343	344	344	344	345	345	3
2.01	345	345	346	346	346	347	347	347	348	348	3
2.02	348	349	349	349	350	350	350	350	351	351	3
2.03	351	352	352	352	353	353	353	354	354	354	3
2.04	354	355	355	355	356	356	356	357	357	357	4
2.05	358	358	358	359	359	359	359	360	360	360	3
2.06	361	361	361	362	362	362	363	363	363	364	3
2.07	364	364	365	365	365	365	366	366	366	367	3
2.08	367	367	368	368	368	369	369	369	370	370	3
2.09	370	371	371	371	371	372	372	372	373	373	3
2.1	373	374	374	374	375	375	375	376	376	376	4
2.11	377	377	377	378	378	378	378	379	379	379	3
2.12	380	380	380	381	381	381	382	382	382	383	3
2.13	383	383	384	384	384	385	385	385	386	386	3
2.14	386	387	387	387	387	388	388	388	389	389	3
2.15	389	390	390	390	391	391	391	392	392	392	4
2.16	393	393	393	394	394	394	395	395	395	396	3
2.17	396	396	397	397	397	398	398	398	399	399	3
2.18	399	399	400	400	400	401	401	401	402	402	3
2.19	402	403	403	403	404	404	404	405	405	405	4
2.2	406	406	406	407	407	407	408	408	408	409	3
2.21	409	409	410	410	410	411	411	411	412	412	3
2.22	412	413	413	413	414	414	414	415	415	415	4
2.23	416	416	416	417	417	417	418	418	418	419	3
2.24	419	419	420	420	420	421	421	421	422	422	3
2.25	422	423	423	423	424	424	424	425	425	425	4
2.26	426	426	426	427	427	427	428	428	428	429	3
2.27	429	429	430	430	430	431	431	431	432	432	3
2.28	432	433	433	433	434	434	434	435	435	435	4
2.29	436	436	436	437	437	437	438	438	438	439	3
2.3	439	439	440	440	440	441	441	441	442	442	3
2.31	442	443	443	443	444	444	444	445	445	445	4
2.32	446	446	446	447	447	448	448	448	449	449	3

2.33	449	450	450	450	451	451	451	452	452	452	4
2.34	453	453	453	454	454	454	455	455	455	456	3
2.35	456	456	457	457	457	458	458	458	459	459	3
2.36	459	460	460	461	461	461	462	462	462	463	4
2.37	463	463	464	464	464	465	465	465	466	466	3
2.38	466	467	467	467	468	468	468	469	469	469	4
2.39	470	470	471	471	471	472	472	472	473	473	3

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS SOURCE AGENCY: AI
 LATITUDE 53.68389 LONGITUDE -124.83556
 Date Processed: 10/30/2013 07:01:05 UTC-08:00 By Lauren.Wick
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 Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
2.4	473	474	474	474	475	475	475	476	476	476	4
2.41	477	477	477	478	478	479	479	479	480	480	3
2.42	480	481	481	481	482	482	482	483	483	483	4
2.43	484	484	484	485	485	486	486	486	487	487	3
2.44	487	488	488	488	489	489	489	490	490	490	4
2.45	491	491	492	492	492	493	493	493	494	494	3
2.46	494	495	495	495	496	496	496	497	497	498	4
2.47	498	498	499	499	499	500	500	500	501	501	3
2.48	501	502	502	502	503	503	504	504	504	505	4
2.49	505	505	506	506	506	507	507	507	508	508	4
2.5	509	509	509	510	510	510	511	511	511	512	3

2.51	512	512	513	513	514	514	514	515	515	515	4
2.52	516	516	516	517	517	517	518	518	519	519	3
2.53	519	520	520	520	521	521	521	522	522	523	4
2.54	523	523	524	524	524	525	525	525	526	526	3
2.55	526	527	527	528	528	528	529	529	529	530	4
2.56	530	530	531	531	532	532	532	533	533	533	4
2.57	534	534	534	535	535	536	536	536	537	537	3
2.58	537	538	538	538	539	539	540	540	540	541	4
2.59	541	541	542	542	543	543	543	544	544	544	4
2.6	545	545	545	546	546	547	547	547	548	548	3
2.61	548	549	549	549	550	550	551	551	551	552	4
2.62	552	552	553	553	554	554	554	555	555	555	4
2.63	556	556	556	557	557	558	558	558	559	559	3
2.64	559	560	560	561	561	561	562	562	562	563	4
2.65	563	563	564	564	565	565	565	566	566	566	4
2.66	567	567	568	568	568	569	569	569	570	570	4
2.67	571	571	571	572	572	572	573	573	574	574	3
2.68	574	575	575	575	576	576	577	577	577	578	4
2.69	578	578	579	579	580	580	580	581	581	581	4
2.7	582	582	583	583	583	584	584	584	585	585	4
2.71	586	586	586	587	587	587	588	588	589	589	3
2.72	589	590	590	590	591	591	592	592	592	593	4
2.73	593	593	594	594	595	595	595	596	596	596	4
2.74	597	597	598	598	598	599	599	600	600	600	4
2.75	601	601	601	602	602	603	603	603	604	604	3
2.76	604	605	605	606	606	606	607	607	608	608	4
2.77	608	609	609	609	610	610	611	611	611	612	4
2.78	612	612	613	613	614	614	614	615	615	616	4
2.79	616	616	617	617	617	618	618	619	619	619	4

STATION NUMBER 08JA017 NECHAKO RIVER BELOW CHESLATTA FALLS

SOURCE AGENCY: AI

LATITUDE 53.68389 LONGITUDE -124.83556

Date Processed: 10/30/2013 07:01:05 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 8.01 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by russ.gregory on 01/28/2013 @ 19:58:21 UTC, Updated by russ.gregory on 01/28/2013 @ 19:59:58 UTC
 Remarks: adjusted to two point calibration

Offset1: 0.23

EXPANDED RATING TABLE

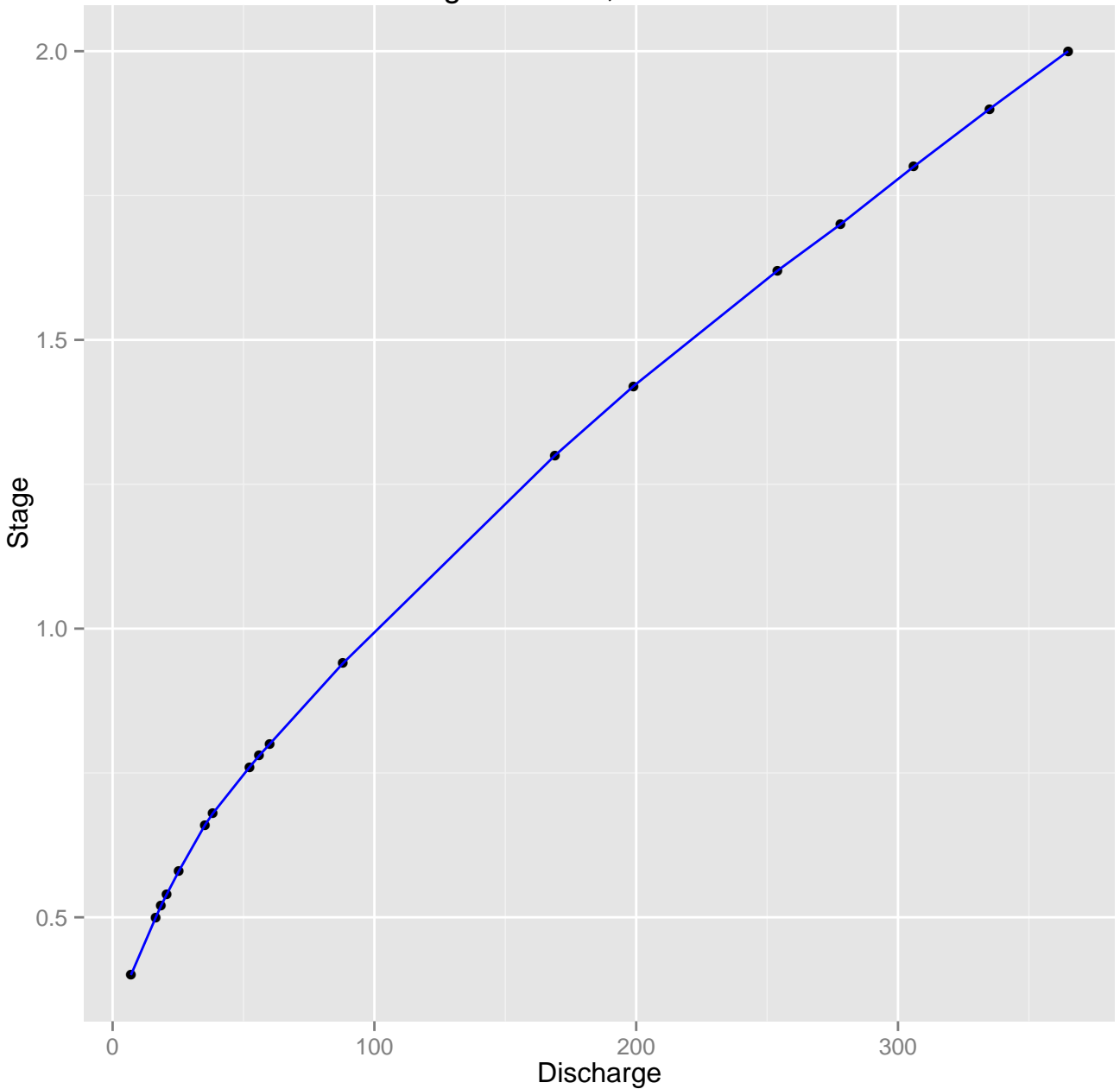
Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER										
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
2.8	620	620	621	621	621	622	622	622	623	623	4	
2.81	624	624	624	625	625	626	626	626	627	627	3	
2.82	627	628	628	629	629	630	630	631	631	4		
2.83	631	632	632	633	633	634	634	634	635	4		
2.84	635	636	636	637	637	638	638	638	639	4		
2.85	639	639	640	640	641	641	641	642	642	4		
2.86	643	643	644	644	645	645	645	646	646	4		
2.87	647	647	648	648	648	649	649	650	650	4		
2.88	651	651	652	652	652	653	653	654	654	4		
2.89	655	655	655	656	656	657	657	658	658	4		
2.9	659*											

* indicates a rating descriptor point

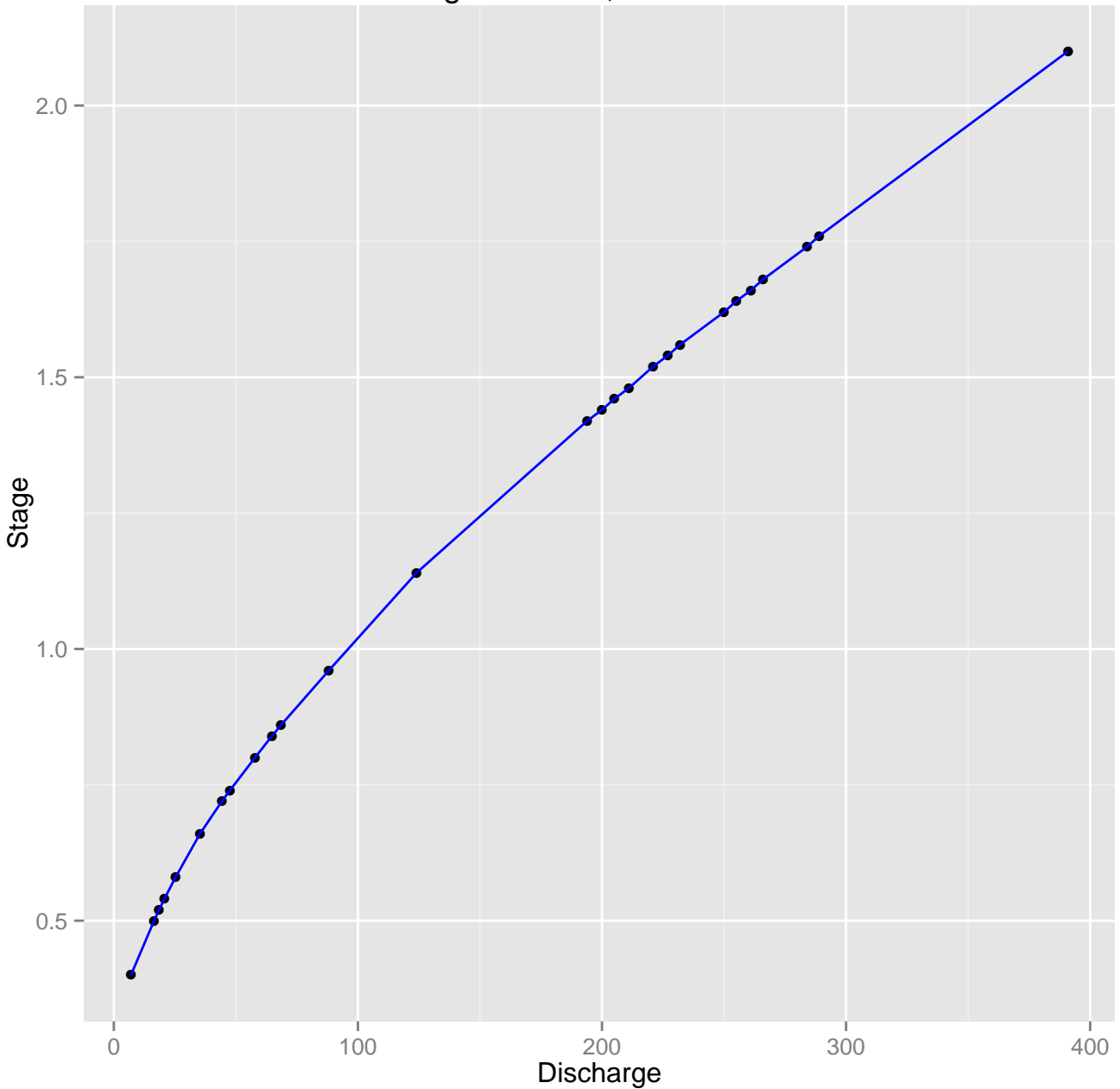
ID	Starting Date	Ending Date	Aging	Comments
8.01	01/01/2012 00:00	12/30/2382 12:00:00	UTC-08:00	3

7. WSC Rating Curves

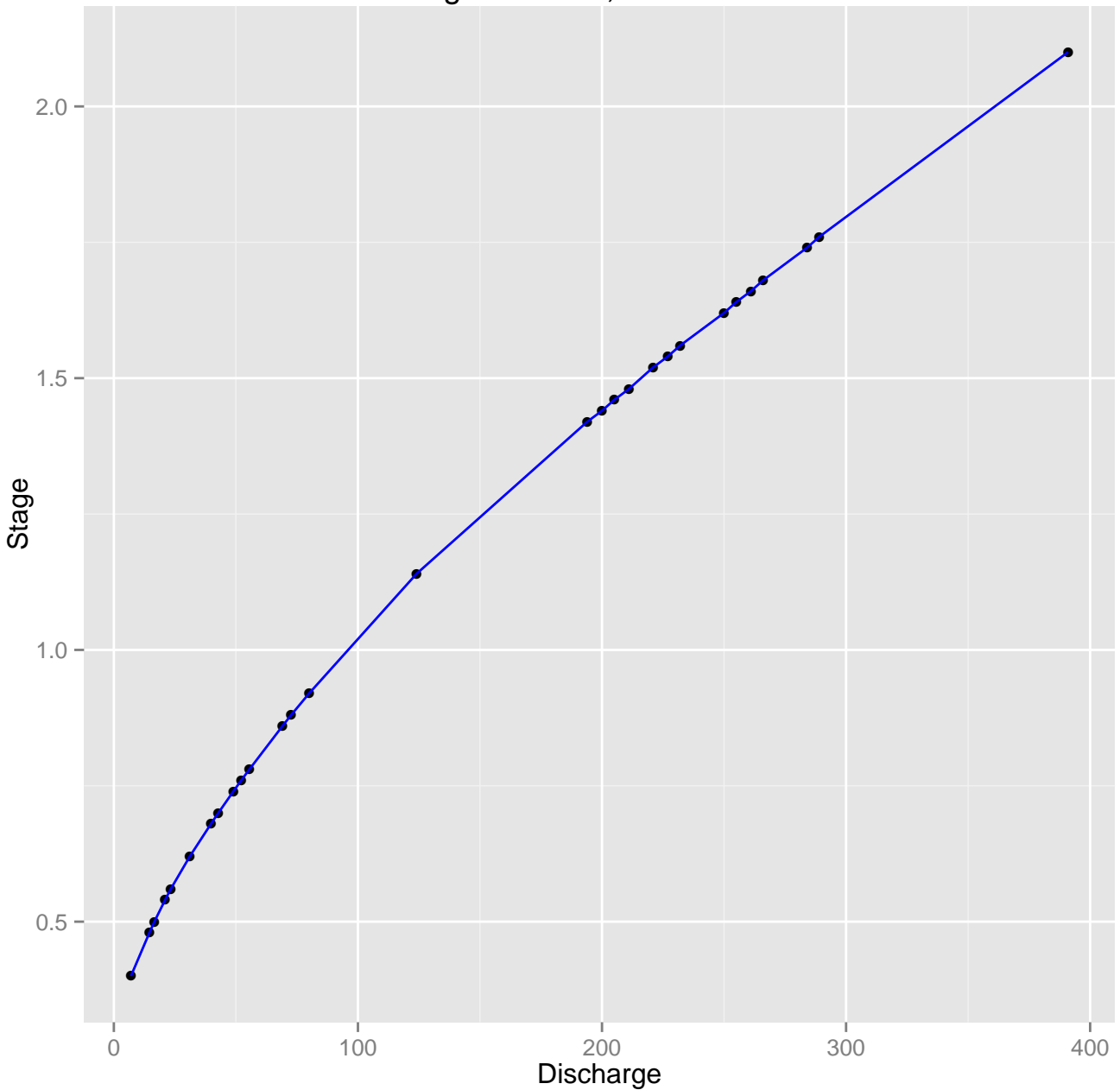
Rating: 08JA017; Table No: 1.00



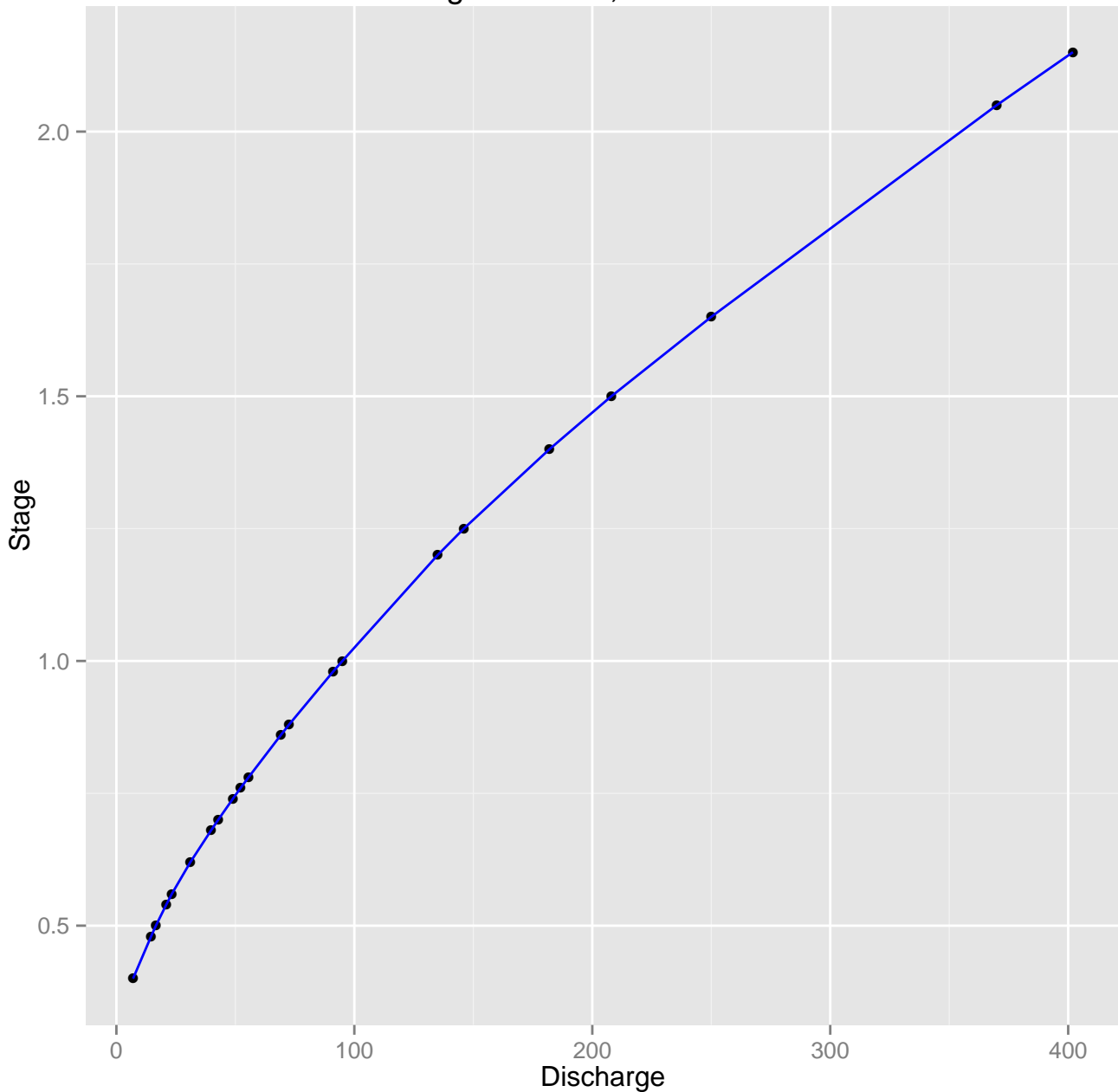
Rating: 08JA017; Table No: 2.00



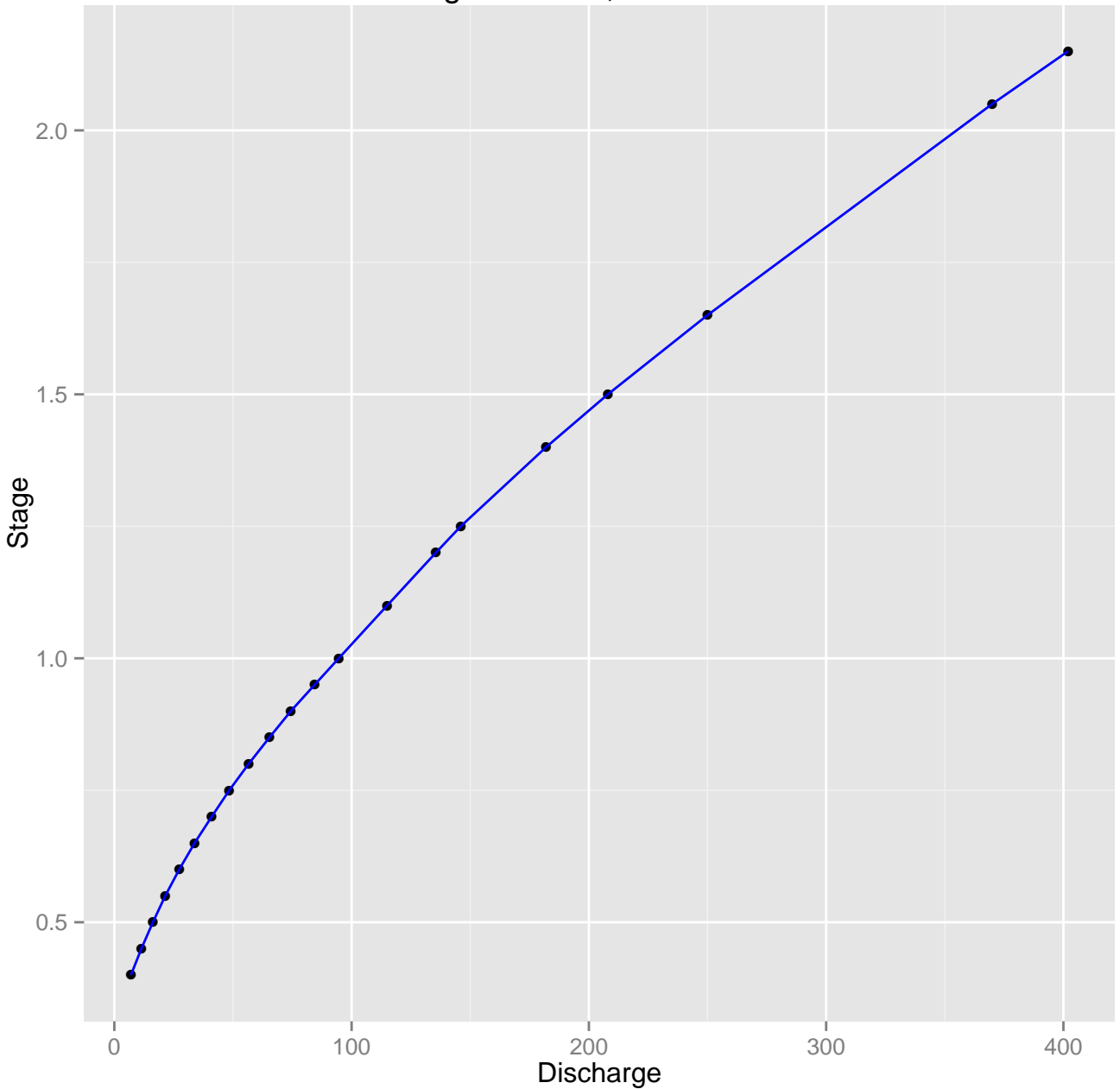
Rating: 08JA017; Table No: 3.00



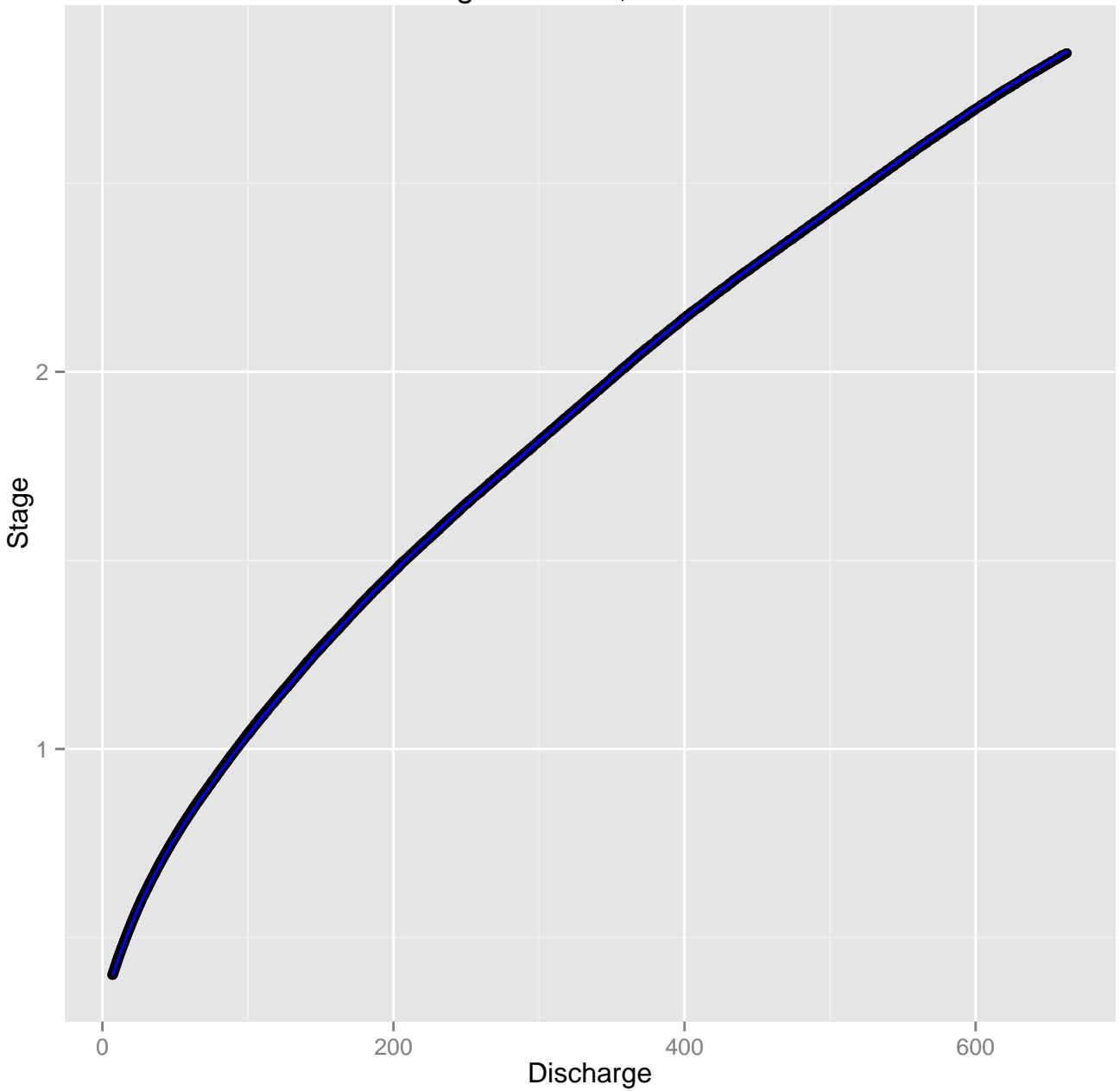
Rating: 08JA017; Table No: 4.00



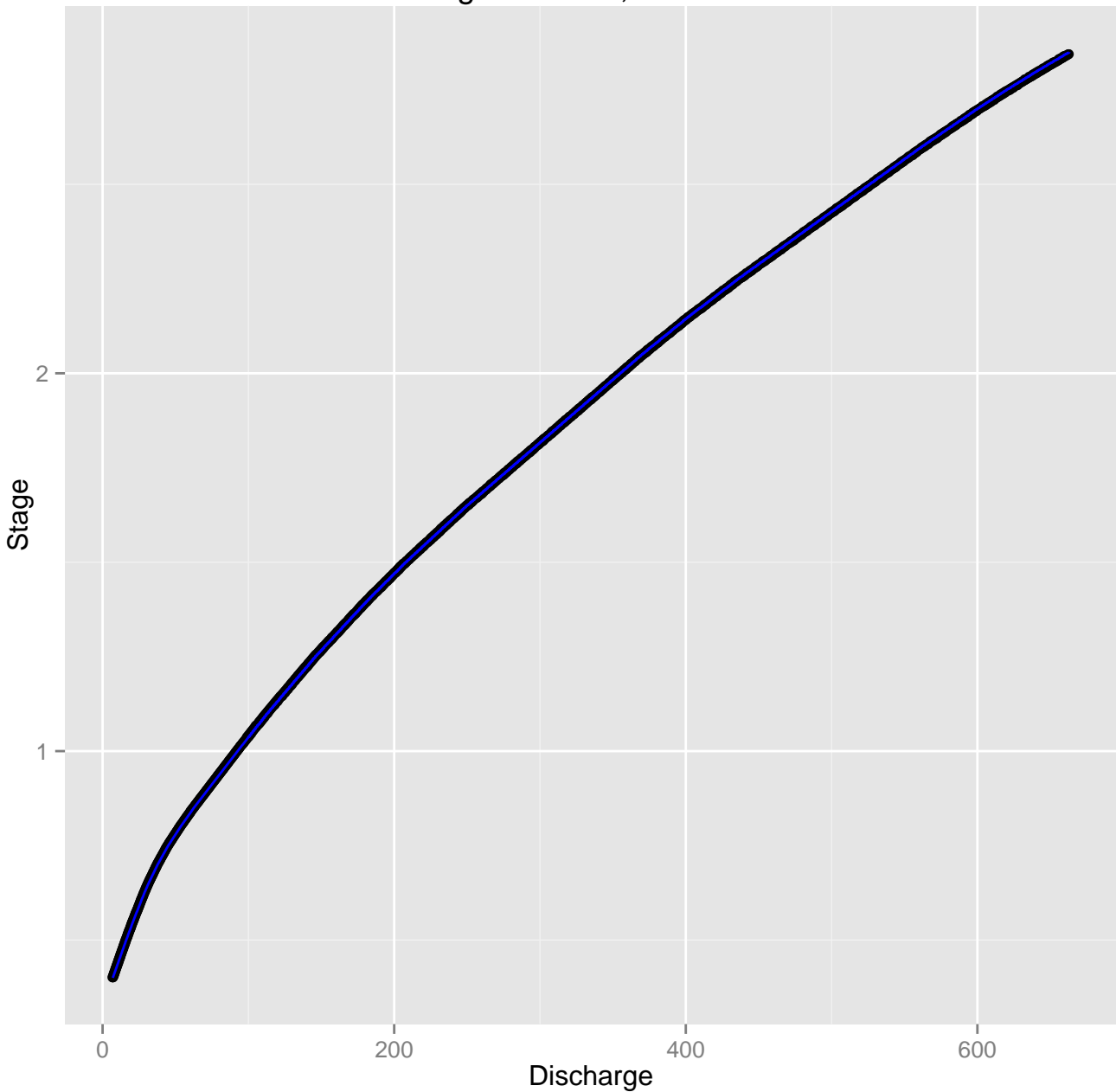
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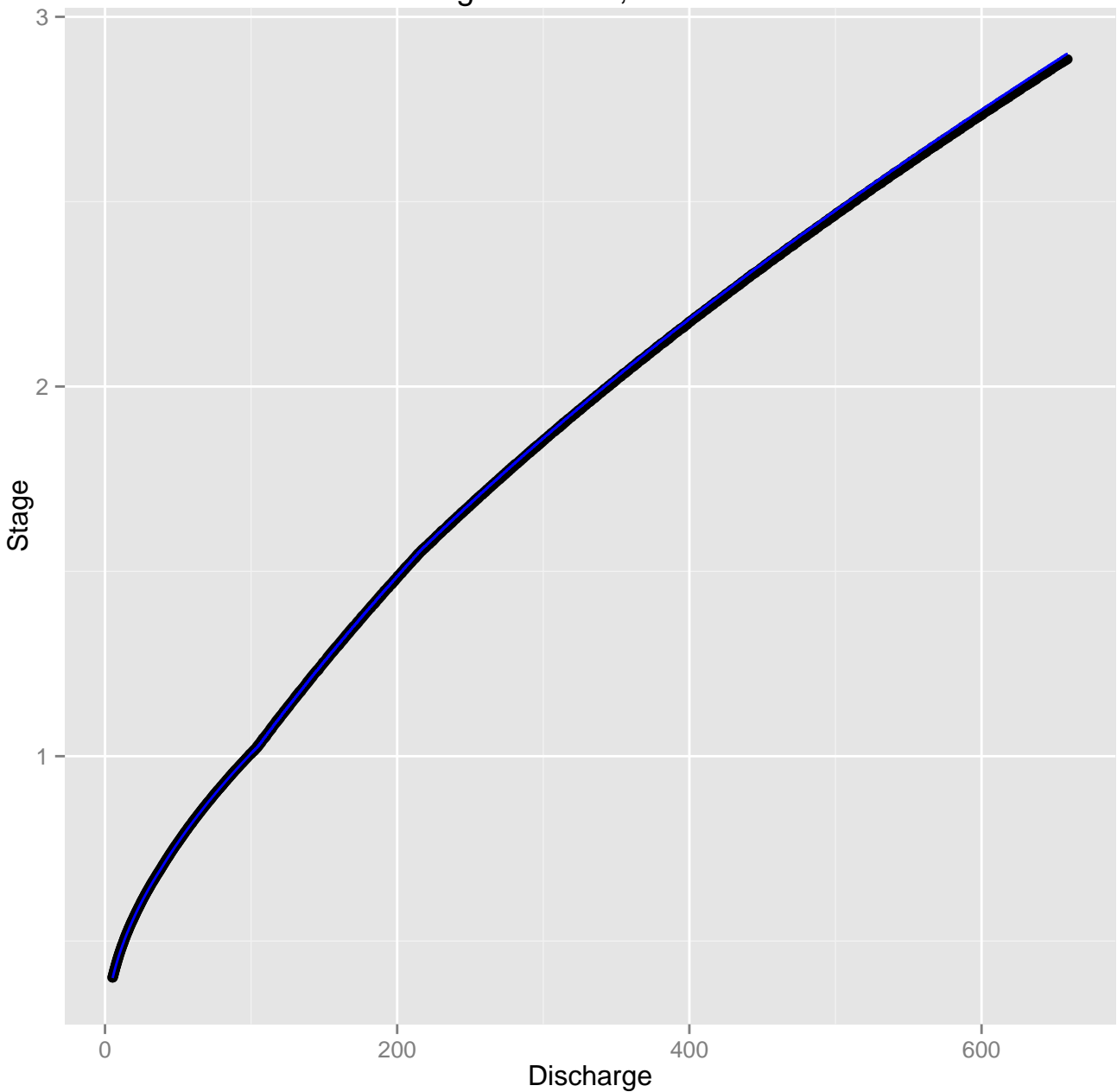
Rating: 08JA017; Table No: 6



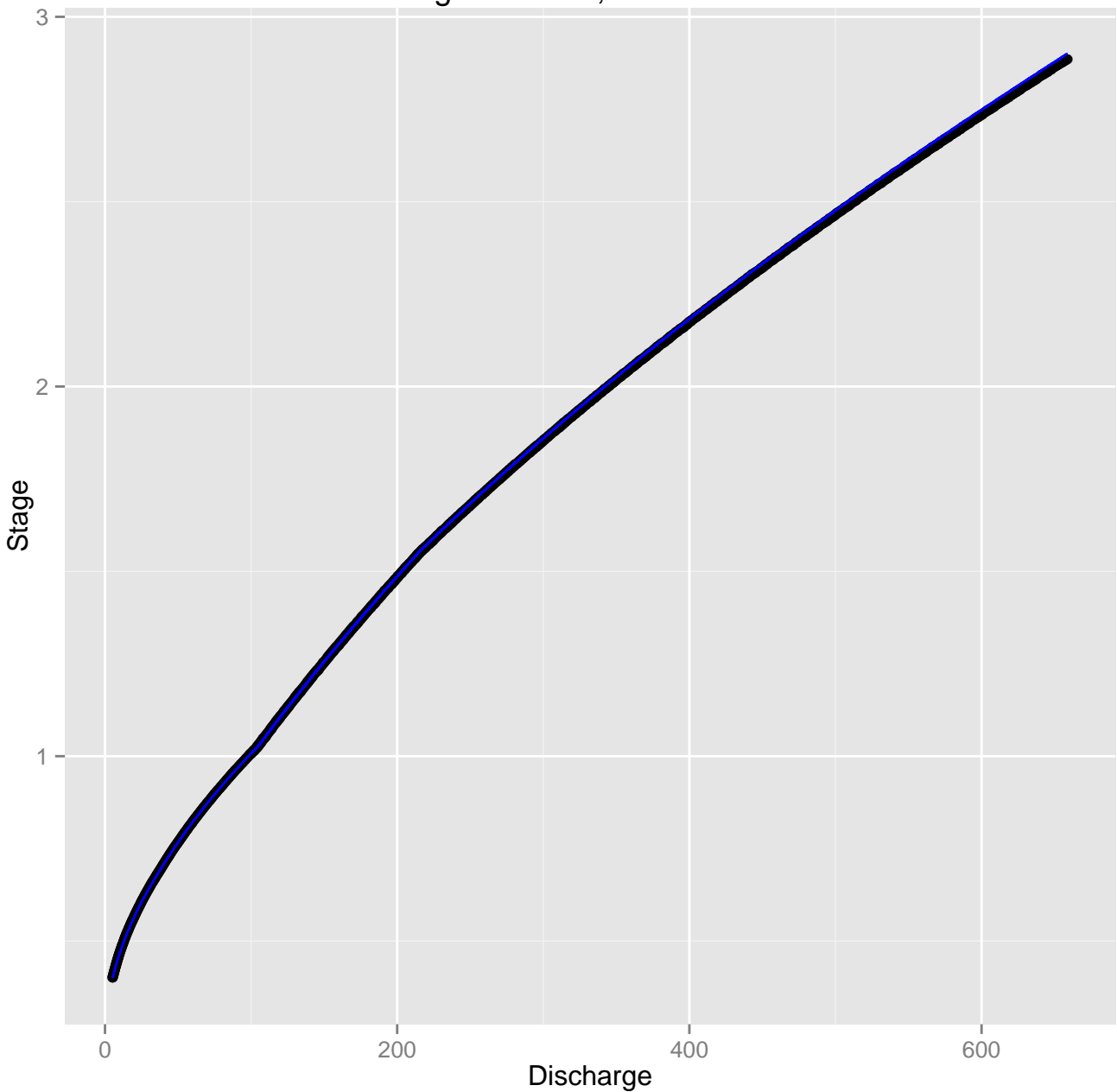
Rating: 08JA017; Table No: 7



Rating: 08JA017; Table No: 8



Rating: 08JA017; Table No: 8.01



8. Re-analyzed Rating Curves With Best Fit Regression Equation

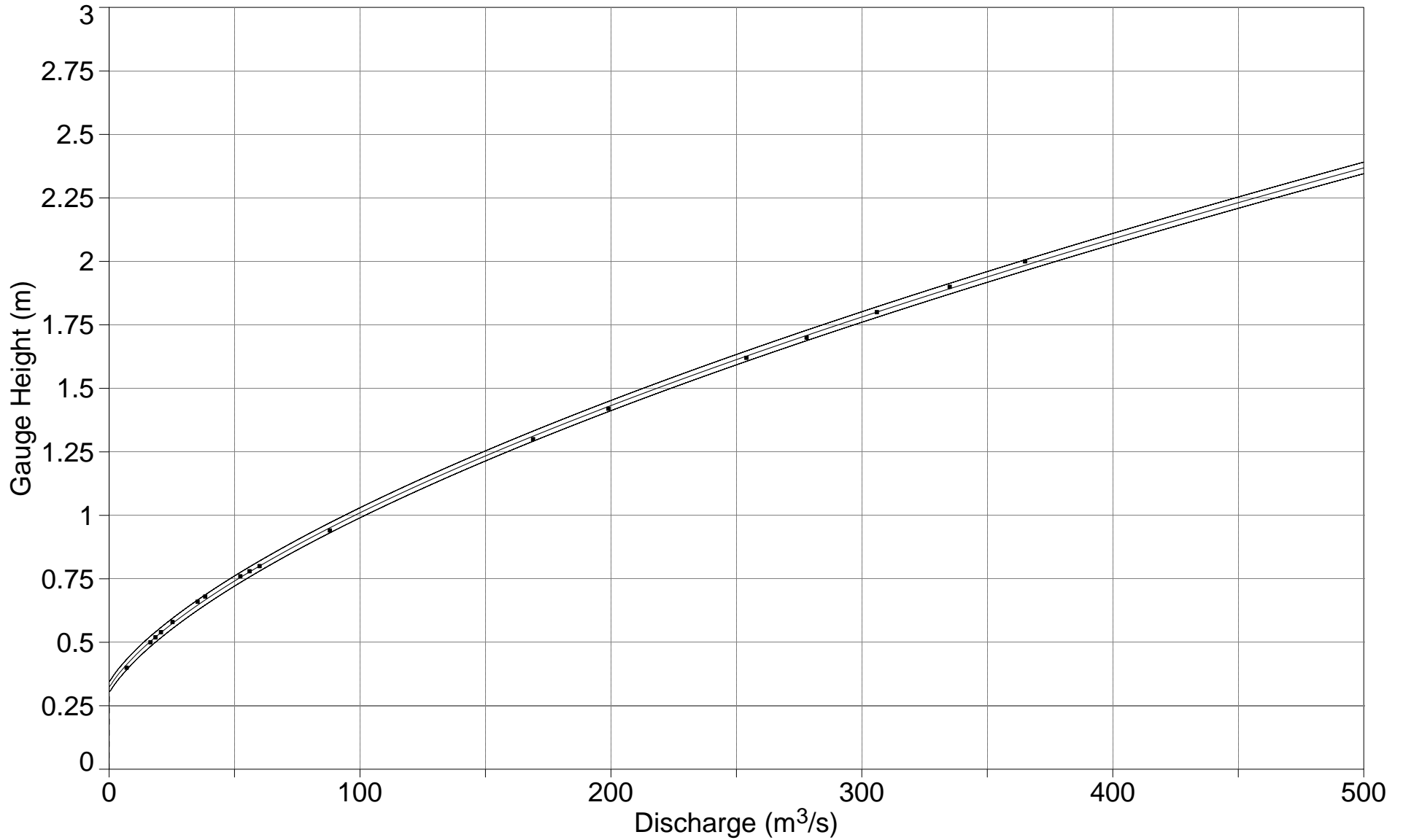
NECHAKO RIVER BELOW CHESLATTA FALLS - STAGE DISCHARGE TABLE #1

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99974195$ DF Adj $r^2=0.99970755$ FitStdErr=0.0091063716 Fstat=61988.676

$a=0.33706126$

$b=0.014615895$



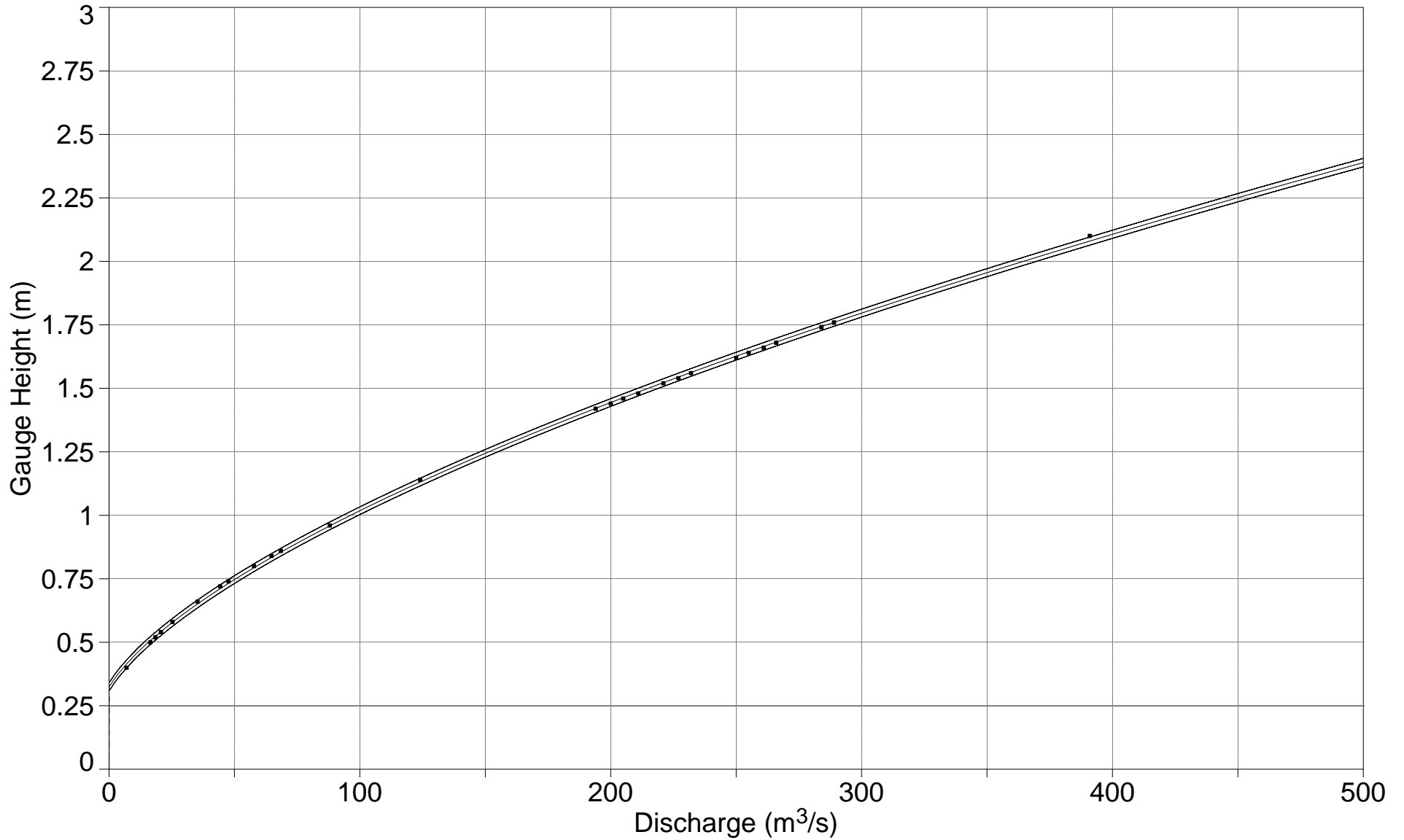
NECHAKO RIVER BELOW CHESLATTA FALLS - STAGE DISCHARGE TABLE #2

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99979795$ DF Adj $r^2=0.99978111$ FitStdErr=0.0072084262 Fstat=123705

$a=0.33891457$

$b=0.014751939$



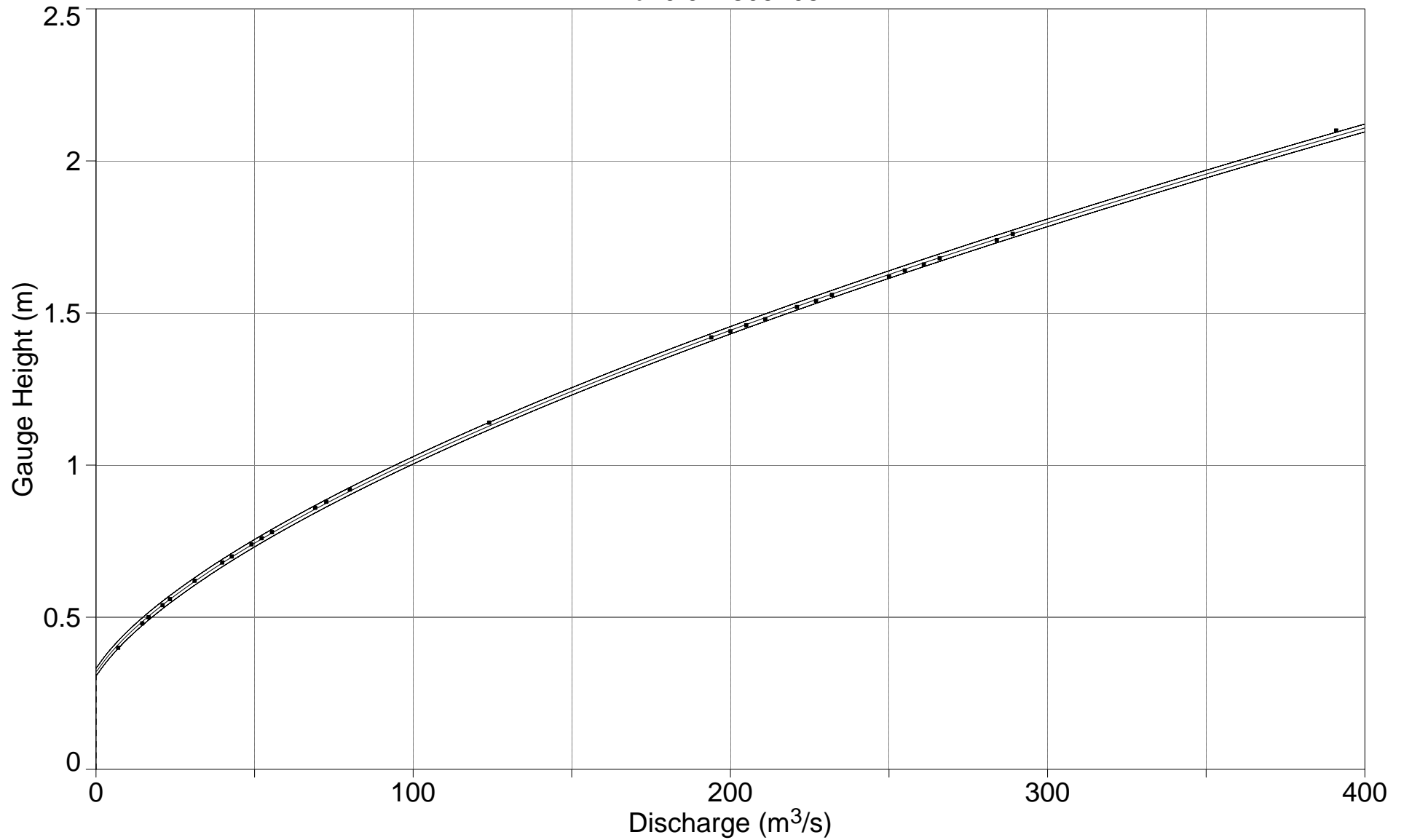
NECHAKO RIVER BELOW CHESLATTA FALLS - STAGE DISCHARGE TABLE #3

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99986858$ DF Adj $r^2=0.99985847$ FitStdErr=0.0058238261 Fstat=205424.94

$a=0.33380483$

$b=0.014809403$



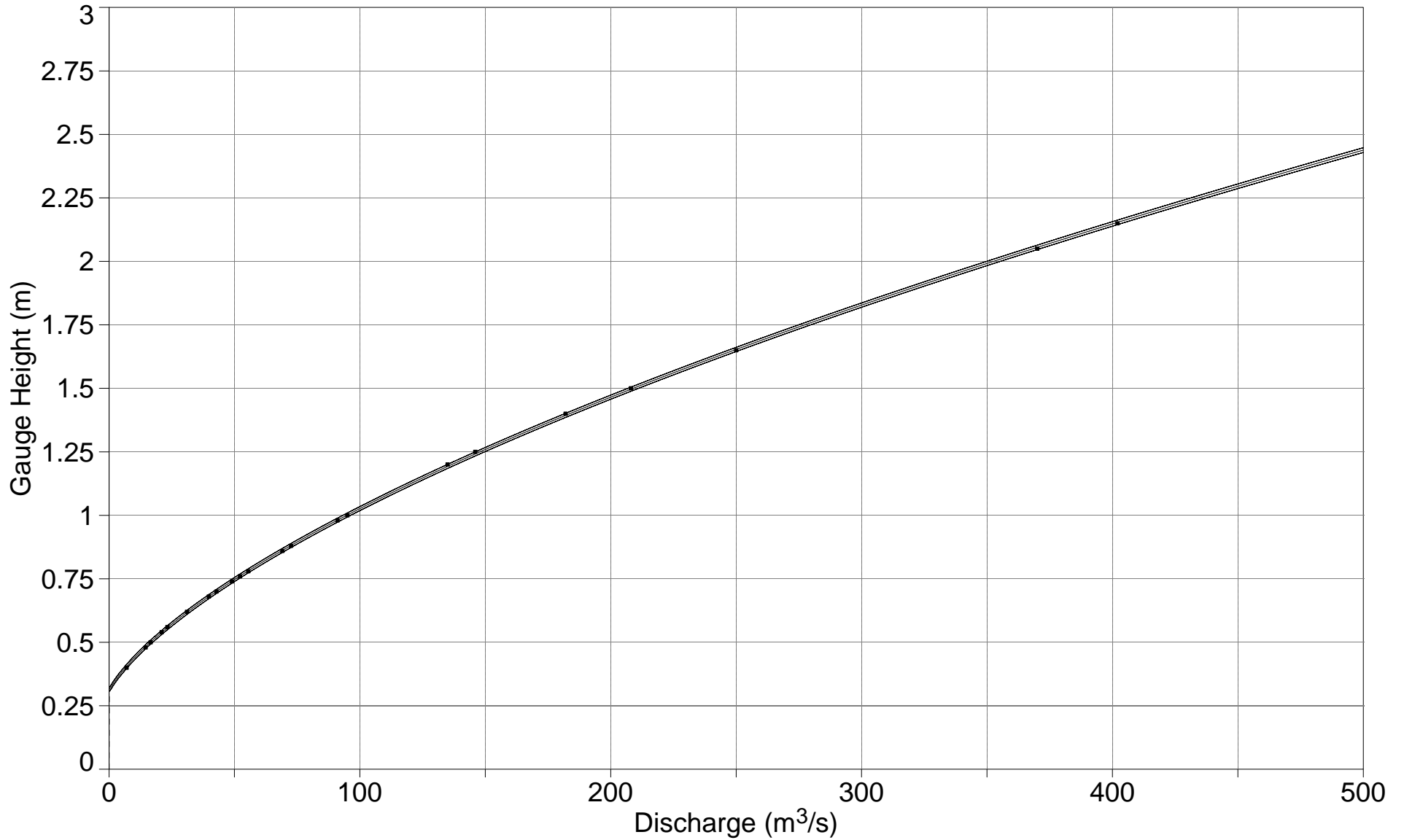
NECHAKO RIVER BELOW CHESLATTA FALLS - STAGE DISCHARGE TABLE #4

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99994629$ DF Adj $r^2=0.99994063$ FitStdErr=0.0037318465 Fstat=372340.55

$a=0.326937$

$b=0.015192988$



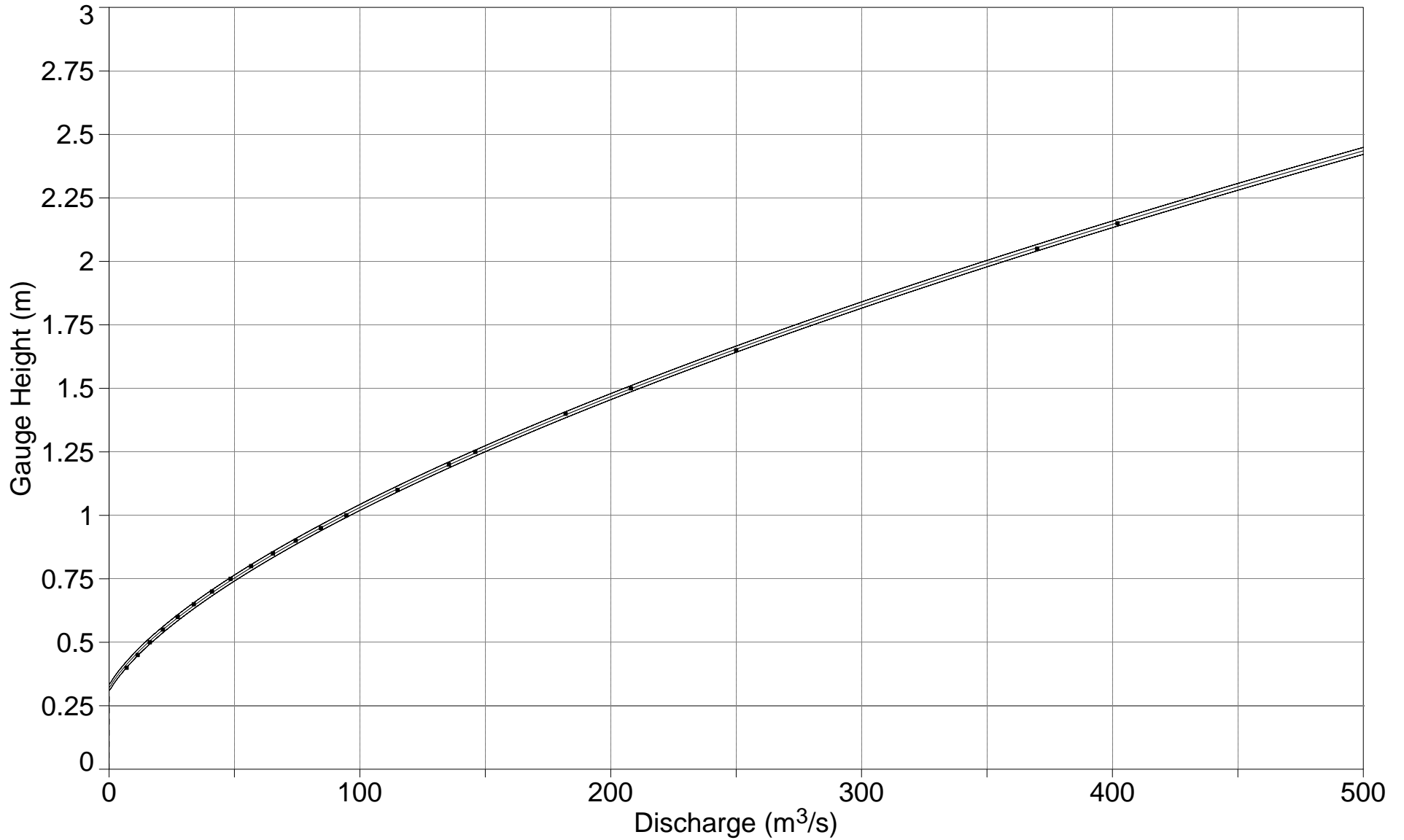
NECHAKO RIVER BELOW CHESLATTA FALLS - STAGE DISCHARGE TABLE #5

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99988561$ DF Adj $r^2=0.9998729$ FitStdErr=0.0054797389 Fstat=166074.57

$a=0.33505422$

$b=0.01511241$



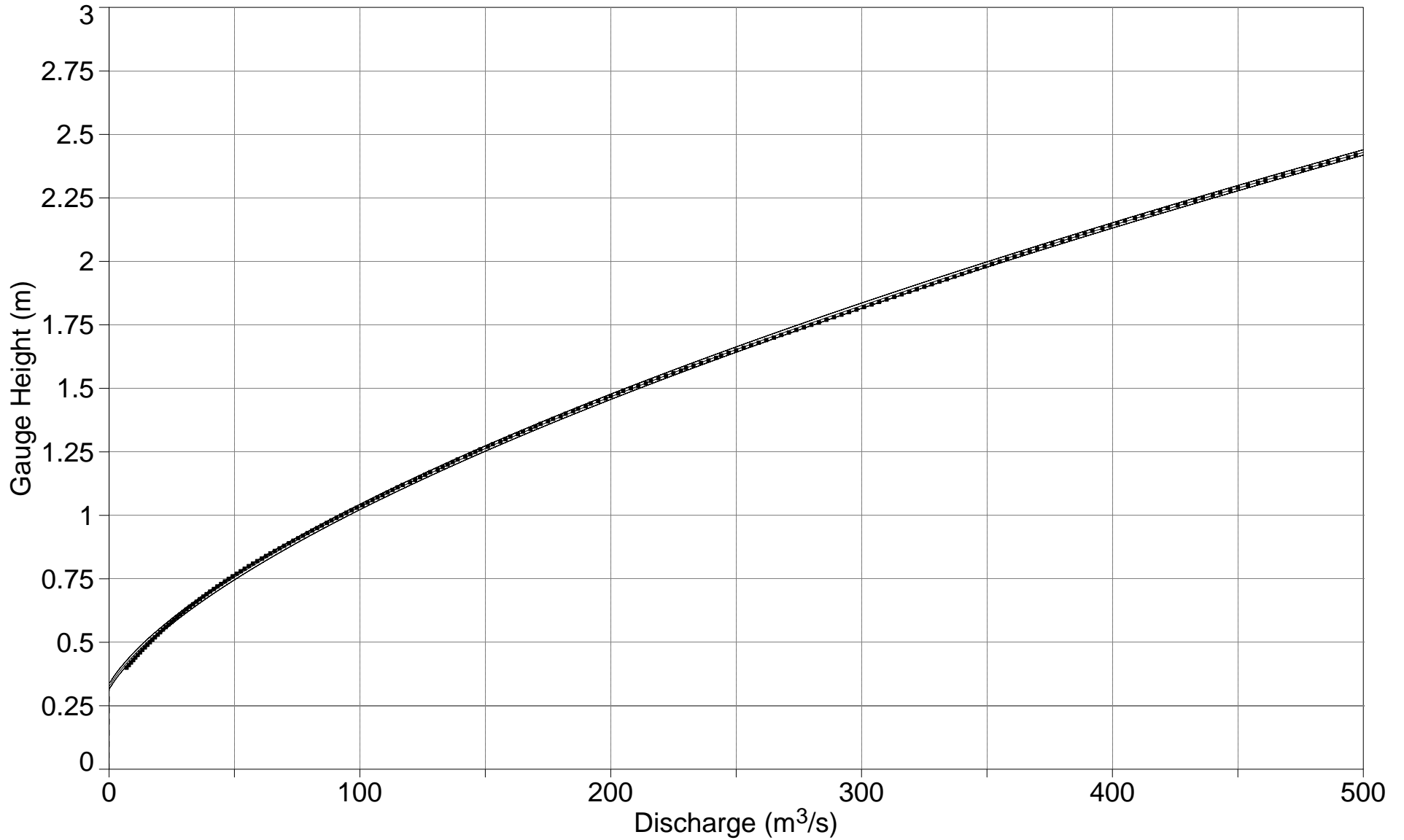
NECHAKO RIVER BELOW CHESLATTA FALLS - STAGE DISCHARGE TABLE #6

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99994389$ DF Adj $r^2=0.99994343$ FitStdErr=0.0053409191 Fstat=4348710.9

$a=0.3407801$

$b=0.015027899$



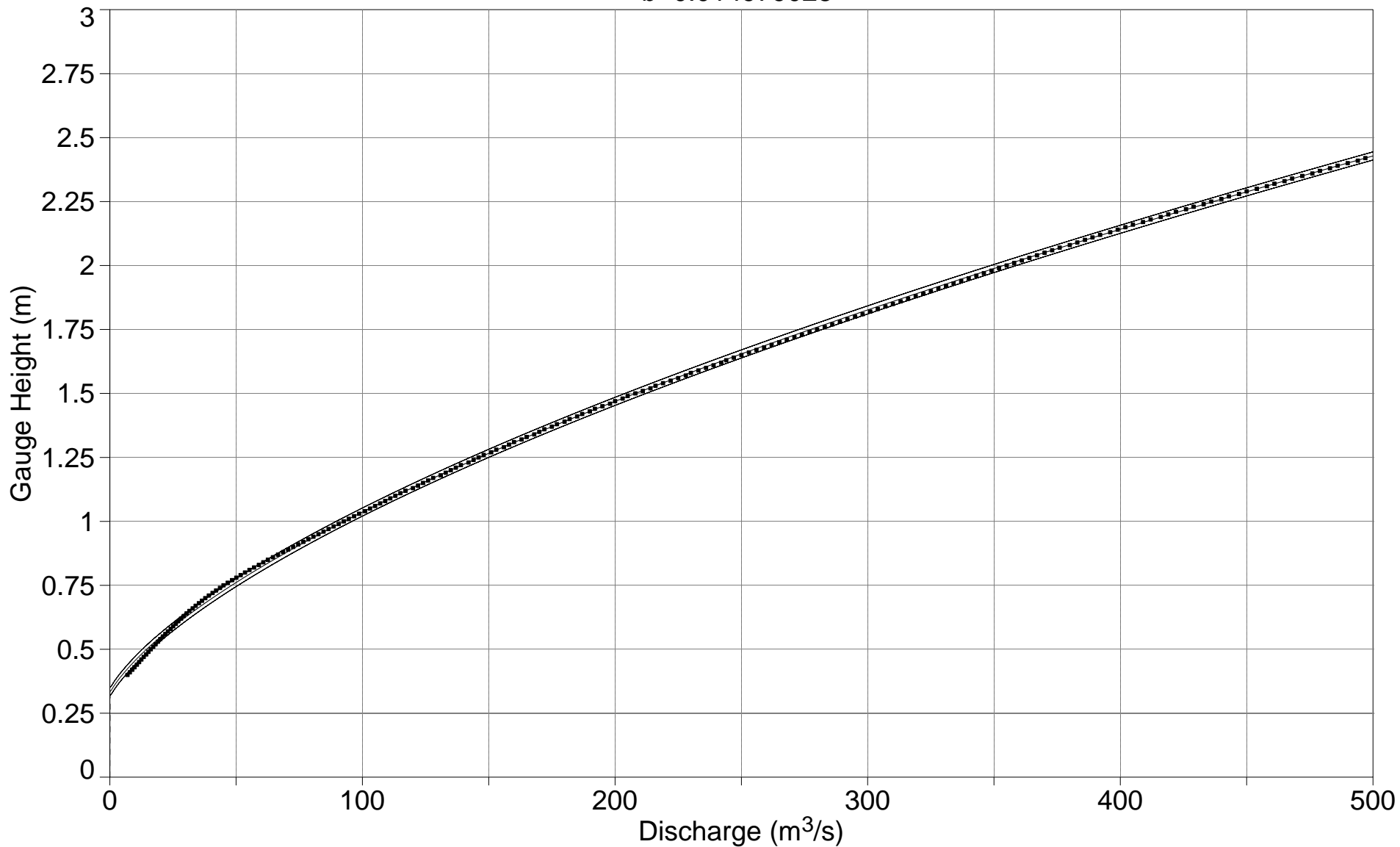
NECHAKO RIVER BELOW CHESLATTA FALLS - STAGE DISCHARGE TABLE #7

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99987289$ DF Adj $r^2=0.99987185$ FitStdErr=0.0080389035 Fstat=1919411.4

$a=0.3467634$

$b=0.014979028$



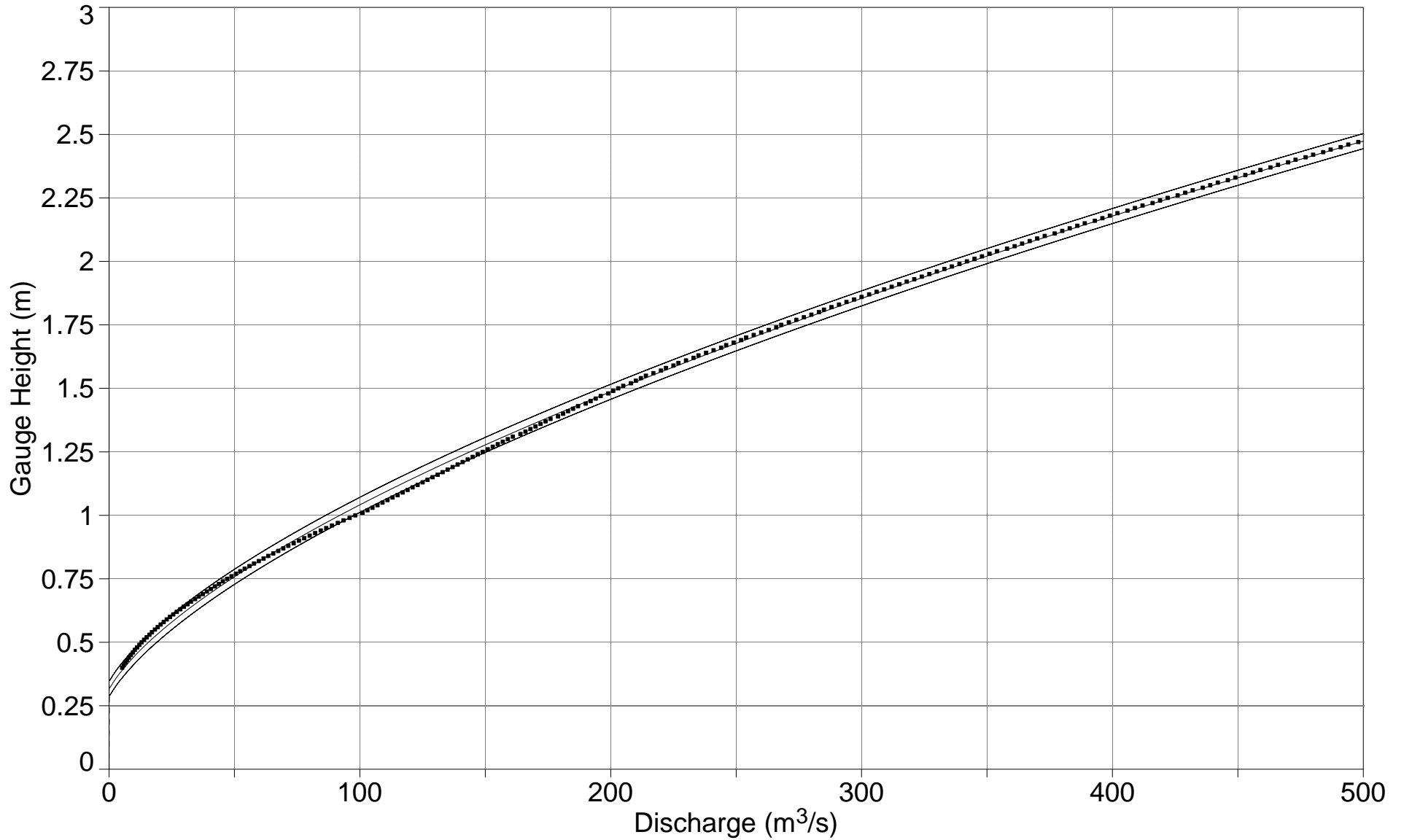
NECHAKO RIVER BELOW CHESLATTA FALLS - STAGE DISCHARGE TABLE #8

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99957438$ DF Adj $r^2=0.99957094$ FitStdErr=0.015008253 Fstat=584773.77

$a=0.33153762$

$b=0.015413898$



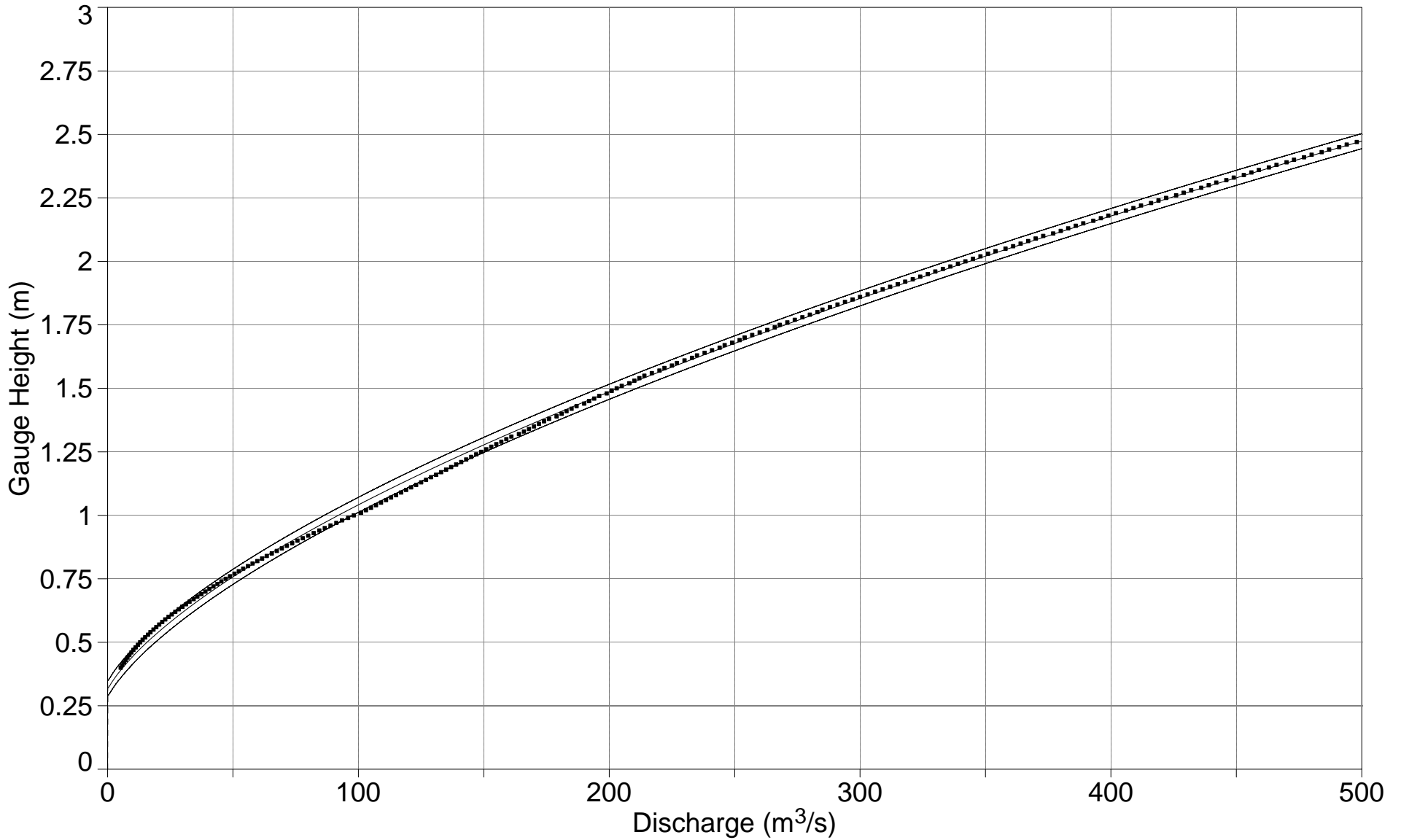
NECHAKO RIVER BELOW CHESLATTA FALLS - STAGE DISCHARGE TABLE #8.01

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99957438$ DF Adj $r^2=0.99957094$ FitStdErr=0.015008253 Fstat=584773.77

$a=0.33153762$

$b=0.015413898$



APPENDIX 2:

**COMPILATION OF HYDROLOGIC INFORMATION
NECHAKO RIVER AT VANDERHOOF**

1. WSC Station Description and Gauge History

Water Survey of Canada Station Description

Station Number: 08JC001

Station Name: NECHAKO RIVER AT VANDERHOOF

Operating Technician: RUSSELL MARYNOWSKI

Technician Effective Date: 2012-05-02

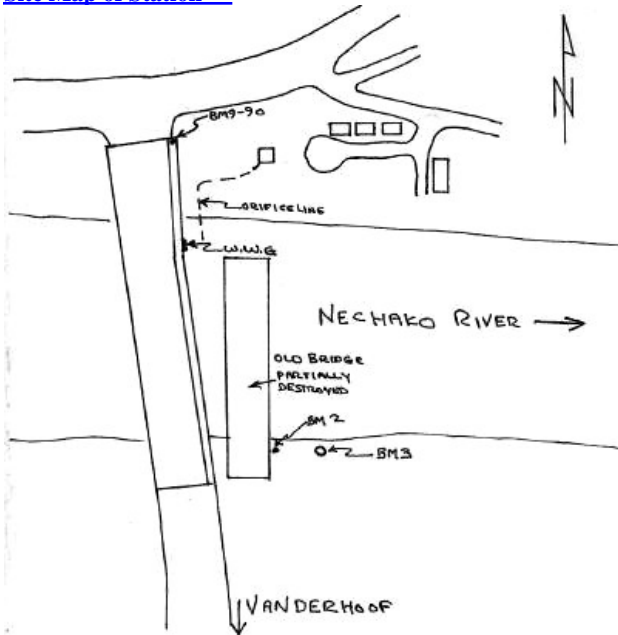
Station Status: ACTIVE

Latest Period-of-Record: 2011-2013 BRC

Location Map of Station



Site Map of Station



Google Map

Station Number: 08JC001 **Province:** BC **Drainage Area Gross:** 25200 km²
Station Name: NECHAKO RIVER AT VANDERHOOF **Drainage Area Effective:**
Latitude: 54°01'39.0" N **(Decimal °):** 54.02750° **Longitude:** 124°00'28.0" W **(Decimal °):** -124.00778°
Horizontal Datum: NORTH AMERICAN DATUM 1983 **Co-ordinate Source:** DIGITAL MAP - REGIONAL
Location Description: 30 M DOWNSTREAM OF NORTHEAST END OF NEW HIGHWAY BRIDGE, 0.8 KM NORTH OF VANDERHOOF
Legal Land Designation:
Gauge Datum: ASSUMED DATUM

Remote Access: NO **Access Method:** 1. ROAD

Access Remarks:

Onsite Facility	Facility Type	Status
CHARGING SYSTEM	INSTALLATION TYPE	ACTIVE
A.C. POWER	INSTALLATION TYPE	ACTIVE

Device Serial No	Device Category	Device Make	Device Model	Status	Firmware Ver.	Address	Telephone No
961171	PRESSURE SENSOR	SUTRON	ACCUBAR 5600-0125	ACTIVE	1.9		
7002978	MANUAL GAUGE	GENERIC	WIRE WEIGHT	ACTIVE			
7002980	PRESSURE SENSOR	GAS PURGE	GENERIC	ACTIVE			
72676	TEMPERATURE - WATER	LAKWOOD	070-55034	ACTIVE			
01-2249	LOGGER	VALCOM	VEDAS II-LEVEL2 - IM	ACTIVE	1.24		250-567-2715

Description of Channel and Control

Channel control, all stages. Some scouring and filling by shifting sand bars. One channel at all stages. Discharge controlled by Alcan's Spillway at Ootsa Lake.

Description of Measurement Sections

Occupational Health and Safety Considerations

General Remarks

DRAINAGE AREA INCLUDES THE AREA BEHIND KENNEY DAM OF 14 000 KM2

Date Created: December 17, 2013

Note: Benchmark descriptions are available on the Gauge History Reports.

①

GAUGE HISTORY

of Nechako River at Vanderhoof Station No. 8JC-1

Bench marks BM #2 - Log on river side. Elevation 17.09

BM #3 - Log on river side. Elevation 17.35

BM #4 - Lead cap on pipe. Elevation 18.00 DESTROYED IN 1969

Elevation of Gauge Datum Zero of gauge 2072.99

History of Gauge Corrections, Bench Marks and other Equipment					
Date	Gauge Correction				Notes on Installation or Removal of Gauges, Bench Marks, etc.
	Chain gauge				
1962-63					
29 Oct	OK				
26 Oct 1963	-0.04				NA
7 Nov	OK				GAUGE WAS CHECKED - OK
1964					
13 Nov	ADJ. -0.14				BM 2 → 20090 → BM 4
1965					
9 June	0.00 +0.10				BM 4 = Gauge +0.10 adj; to -0.02
17 June	-0.02				BM 4 → Gauge adjusted BM 4 → gauge
26 Nov	-0.05 adj. to -0.03				BM 4 → gauge closure 0.02 high indicating a correction of -0.03
1966					
20 Apr	-0.03				BM #3 → BM #2 → BM #4 → gauge gauge → BM #3 → BM #2 gauge adjusted.
Sept 29	-0.04				BM 2 → BM 3 1/2 Chain gauge Chain g → BM 3 1/2 BM 2 Gauge adjusted.
1967					
April 27	0.00				BM 2 ↔ Chain gauge; BM 2 ↔ BM 3
Sept 29	+0.06 ↓ 0.00				BM 2 ↔ Chain gauge. Gauge adj.

GAUGE HISTORY

(2)

of Nechako R. at Vanderhoof Station No. BTC-1
 Bench marks BM2 - See p. ① for description Local El. 17.78
BM3 - See p. ① for description Local El. 17.31
BM 70-5 Local El. 18.17 50' e/s from E of bridge
beside B.C. TEL Post P. pc B at 18' above ground.
 Elevation of Gauge Datum = gauge zero = 2072.89

History of Gauge Corrections, Bench Marks and other Equipment					
Date	Gauge Correction				Notes on Installation or Removal of Gauges, Bench Marks, etc.
	Chain gauge				
<u>1968</u>					Bridge being repaired in 1968 BM2 ⇌ Chain gauge. New gauge estd. this day.
May 8	-0.01 ↓ -0.01				
May 21	+0.01 ↓ +0.01				Another new gauge set this day BM2 ⇌ Chain gauge
June 10					Another new gauge today BM2 ⇌ Chain gauge.
Oct 22	-0.04 ↓ -0.04				BM2 ⇌ Chain gauge
<u>1969</u>					
June 25	-0.07 0.00 ↓				BM2 ⇌ Chain gauge adjusted.
Aug. 20	+0.07 ↓ 0.00				BM2 ⇌ chain gauge. Adjusted
Oct. 17	-0.08 ↓ 0.00				BM2 ⇌ Chain gauge. Adjusted.
<u>1970</u>					
April 15					BM2 ⇌ BM3 BM3 ⇌ BM 70-5
"	0.00 ↓				BM 70-5 ⇌ Chain gauge

GAUGE HISTORY

Station Name Nechako River at Vanderhoof Station No. BJC-1
 Bench marks BM 5 (70) pipe Bench Mark
El. 18.17 Local.
 Elevation of Gauge Datum Gauge Zero = 2072.89

History of Gauge Corrections, Bench Marks and other Equipment					
Date	Gauge Correction				Notes on Installation or Removal of Gauges, Bench Marks, etc.
	Chain gauge				
1969					
Oct 17	-0.08 0.00 ↓				BM 2 → chain gauge Adjusted
1970					
April 15	0.00				BM 2 → BM 3 → BM 70-5 BM 70-5 → chain g. O.K.
Sept 10	-0.09 0.00 ↓				BM 70-5 → chain gauge adjusted
1971					
May 27	0.00 ↓				BM 2 ← chain gauge
Oct 1	0.00 ↓				BM 5 → chain gauge BM 3 → BM 2
1972					
Apr 7	-0.07 0.00 ↓				BM 5 ← chain gauge ADJ.
July 7	+0.04 ↓				BM 5 ← chain gauge N/A
Oct 4	+0.04 ↓				BM 5 → chain gauge N/A Re-Installed Jan 30/73

GAUGE HISTORY

Station Name NECHAKO RIVER AT VANDERHOOF Station No. 08JCOOL
 Bench marks * BM 5 EL. 18.17 (70) BRONZE CAP ON PIPE, 50' UPSTREAM FROM
OF BRIDGE ON RIGHT BANK 40' INSHORE

BM 4 DESTROYED, BM 3 EL. 17.35 (72) LAG BOLT IN POWER POLE
BM 2 EL. 17.78 (74) LAG BOLT IN PILING.

Elevation of Gauge Datum 17.58 (72) 17.76 (74)
BM 6 ELEV. 17.67 (74) BRONZE CAP ON PIPE 75 FEET S. WEST OF BM 5
BM B.C.L.S. 16.54 (74) BRASS PLUG IN CONCRETE 3' STREAMWARD OF ANCHOR
 History of Gauge Corrections, Bench Marks and other Equipment OLDER BRIDGE POINT

Date	Gauge Correction					Notes on Installation or Removal of Gauges, Bench Marks, etc.
	CHAIN GAUGE	BM 6	BM 2	BM 3	BM 5	
1972					*	
OCT. 4	+0.01		17.78	17.35	18.17	BM 5 ONLY USED N/A.
1973					*	
APRIL 3	+0.02				18.17	BM 5 ONLY N/A.
JULY 9	+0.02				18.17	BM 5 ONLY N/A.
OCT. 23	+0.06			17.30	18.17	
1974						
APRIL 11	+0.07	17.67	-	17.29	18.17	LEVELLED IN BM 6 THIS DATE
APRIL 24			17.78	17.31	18.17	GAUGE CORR. OF +0.04 NOT USED. (+0.07)
MAY 13	+0.07				18.17	BM 5 ONLY N/A.
AUG 20	+0.01					
OCT 21	0.00	17.58	17.76	17.29	18.17	BM B.C.L.S. = 16.54 (74)
1975						
APRIL 17	+0.02	-	-	-	18.17	
MAY 22	0.00	-	-	-	18.17	
AUG 20	+0.05	-	-	17.30	18.17	BM B.C.L.S. 16.54 (74)
OCT. 10	+0.06	-	-		18.17	Checked by <u>D.L. King</u> 1.29.76
1976						
APR 28	+0.05			17.30	18.17	
SEPT. 3	+0.02	17.58 ^s	17.77	17.295	18.17	B.C.L.S. 16.54
NOV 2	+0.03			17.31		STATION DESC. READS 17.31 FOR BM 3

E Link
NOV 1/73

T. Coakett
DEC 10/74

T. Coakett
NOV 25, 1975

✓ T. Coakett
NOV. 15 1976

GAUGE HISTORY

Station Name NECHAKO RIVER AT VANDERHOOF Station No. 08JC001
 Bench marks BM 2 ELEV. 5.419m (76') LAG BOLT IN BRIDGE PILING
BM 3 ELEV. 17.29 (76') LAG BOLT IN POWER POLE
 * BM 5 ELEV. 18.17 (70') PIPE BM 50' U.S. FROM C OF BRIDGE AND 40' INSHORE ON R
BM 6 ELEV. 17.58⁵ (74') PIPE BM 75' SOUTHWEST OF BM 5
BM BCLS ELEV. 16.54 BRONZE PLUG IN CONCRETE DIRECTLY BENEATH BRIDGE 3' RIVERSIDE OF MOUTH
 Elevation of Gauge Datum. 5.047m.

History of Gauge Corrections, Bench Marks and other Equipment							
Date	Gauge Correction					Notes on Installation or Removal of Gauges, Bench Marks, etc.	
	CHAIN GAUGE	BM 2	BM 3	* BM 5	BM 6		
1977							
APR 4	N/A +0.01					BCLS 16.54	
JUNE 9	+0.04	17.77	17.29	18.17	17.58 ⁵	N/A BCLS 16.54	
OCT 5	+0.02					BCLS 16.54	
<i>Checked & Pul Nov. 14/77</i>							
1978						BCLS	
APR 12	-0.01 ⁵					16.54	
APRIL 21	0.00	17.76	17.29	18.16	17.58	16.54	
OCT 4	-0.01 ⁵	not applied					16.54
1979							
JUNE 27	-0.02	N/C	N/C	18.17	N/C	16.54	
OCT 23	+0.04	17.78	N/C	18.17	N/C	16.55	
<i>T. Coakett (CIRCUITS NOT CLOSED)</i>							
1980							
APRIL 15	0.00	17.78	17.29	18.17	N/C	16.58	
SEPT 3	-0.04	N/C	N/C	18.17	N/C	N/A	
<i>T. Coakett DEC 4, 1980</i>							
1981							
APRIL 1	-0.03	N/C	N/C	18.17		16.55	
JULY 8	-0.08	17.78	N/C	18.17		16.55	
SEPT 28	-0.08	17.78	N/C	18.17		16.55	
<i>D.L. Hoyle DEC 04, 1981</i>							
1982							
MAY 5	-0.08	17.78	N/C	18.17		16.56	
SEPT 15	-0.08	5.419	5.275	5.538	N/C	5.043	
<i>INSTALLED METRIC CANFIELD TO 0.000m.</i>							

GAUGE HISTORY

Station Name Nechato River at Vanderhoof Station No. 8VC-1
 Bench marks See page 5 for Details
 Elevation of Gauge Datum 5.047m

History of Gauge Corrections, Bench Marks and other Equipment						
Date	Gauge Correction					Notes on Installation or Removal of Gauges, Bench Marks, etc. BMBCLS
	Canfield	BM2	BM3	BM5	BM6	
1982						
SEPT. 16	0.000	5.419	5.275	5.538	N/C	5.043 Metric G installed on Sept 15/82
NOV. 09	+0.074	-	-	5.538	-	observer broke gline NOV 3. 2.5 days 83-01-17
1983						
APRIL 13	+0.054	N/C	N/C	5.538	N/C	N/C
JUNE 28	+0.056	5.419	5.273	5.538	N/C	* covered with dirt by highways M.F. 26/84
OCT 12	+0.050	5.419	5.275	5.538	N/C	" - " - " - " Jan 26/84
1984						
APR 10 4	+0.054	5.421	5.275	5.538		M.F. JAN 07/85
SEPT. 26	+0.049	N/C	N/C	5.538	N/C	G. had been removed by Airways and replaced by them
1985						
Apr. 17	+0.049	5.416	5.274	5.538	N/C	M.B. Feb 12/86
Sept 30	+0.035	5.420	5.277	5.538		
1986						
Apr 02	+0.035 +0.005	5.416	5.273	5.538	5.362	adjusted gauge
July 10	-0.005	N/C	N/C	5.538	N/C	M.F.
Sept 17	0.000	N/C	N/C	5.538	N/C	
1987						
Apr. 09	0.000	5.418	5.277	5.538	5.365	
Apr. 28	-0.133	N/C	N/C	5.538	N/C	G. cable broke

GAUGE HISTORY

Station Name Nechako River at Vanderhoof Station No. 08VC001
 Bench marks See page 5 for details
~~BM1~~: Large NAIL IN d/s OF LEFT BANK bridge Pier : 5.278 (88')
~~BM2~~: top of grader blade 1m u/s FROM shelter ± 2m inshore : 5.667 (88')
 Elevation of Gauge Datum _____

History of Gauge Corrections, Bench Marks and other Equipment										
Date	Gauge Correction					Notes on Installation or Removal of Gauges, Bench Marks, etc.				
	canfield	BM2	BM3	BM5	BM6					
1987										
Apr. 09	0.000	5.418 ²⁰	5.27 ⁹	5.538	5.365					
Apr. 28	-0.133	N/C	N/C	5.538	N/C					
Sept. 03	-0.164 -0.006	N/C	N/C	5.538	N/C	Adjusted gauge M.F. - dec 04/89				
1988										
MAR 14	-0.005	5.423	5.275	destroyed		<table border="1"> <tr> <td>BM7</td> <td>BM8</td> </tr> <tr> <td>5.278</td> <td>6.667</td> </tr> </table> CLOSURE OF -0.006 ON CIRCUIT IS PARTIAL WOULD CHANGE ELEV. TO 5.274 CONSIDERED IT NEGLIGIBLE TILL A SECOND CIRCUIT IS MADE BM. 89 03 03	BM7	BM8	5.278	6.667
BM7	BM8									
5.278	6.667									
JUN 1						5.278 6.667 W.L. ONLY				
AUG 25						5.278 6.670				
SEP 26						5.278 6.668 M. 89 03 03				
1989										
JUL 26	0.000	5.420 ¹⁸	5.275			<table border="1"> <tr> <td>BM7</td> <td>BM8</td> </tr> <tr> <td>5.278</td> <td>6.670</td> </tr> </table> INSTALLED NEW WIRE WEIGHT GAUGE. BM 5 + BM 6 WERE FOUND DESTROYED BY BRIDGE CONSTRUCTION.	BM7	BM8	5.278	6.670
BM7	BM8									
5.278	6.670									
OCT 24	+0.004	5.422	5.281			5.278 6.669 M.F. - dec 19/89				
1990										
JUN 22	+0.006	5.434	5.294			5.278 6.672				
OCT 11	+0.006	5.431	5.287			5.278 6.671 REMOVED W.W.G. FROM OLD BRIDGE				
OCT 30						SEE NEXT PAGE				

GAUGE HISTORY

Station Name NECHAKO RIVER AT VANDERHOOF Station No. 081C001
 Bench marks BM2 ELEV. 5.420m BM3 ELEV. 5.275m
BM9-90 ELEV. 9.961m ('90) WSC BRASS CAP SET IN CONCRETE AT NORTH END OF WALK
WAY RAILING ON DOWNSTREAM SIDE OF NEW BRIDGE
 Elevation of Gauge Datum 0.000m ASSUMED DATUM. ADD 631.806m TO CONVERT TO
GSC DATUM. REF. TO GSC BM. 1779-J ELEV. 639.466 ('87)

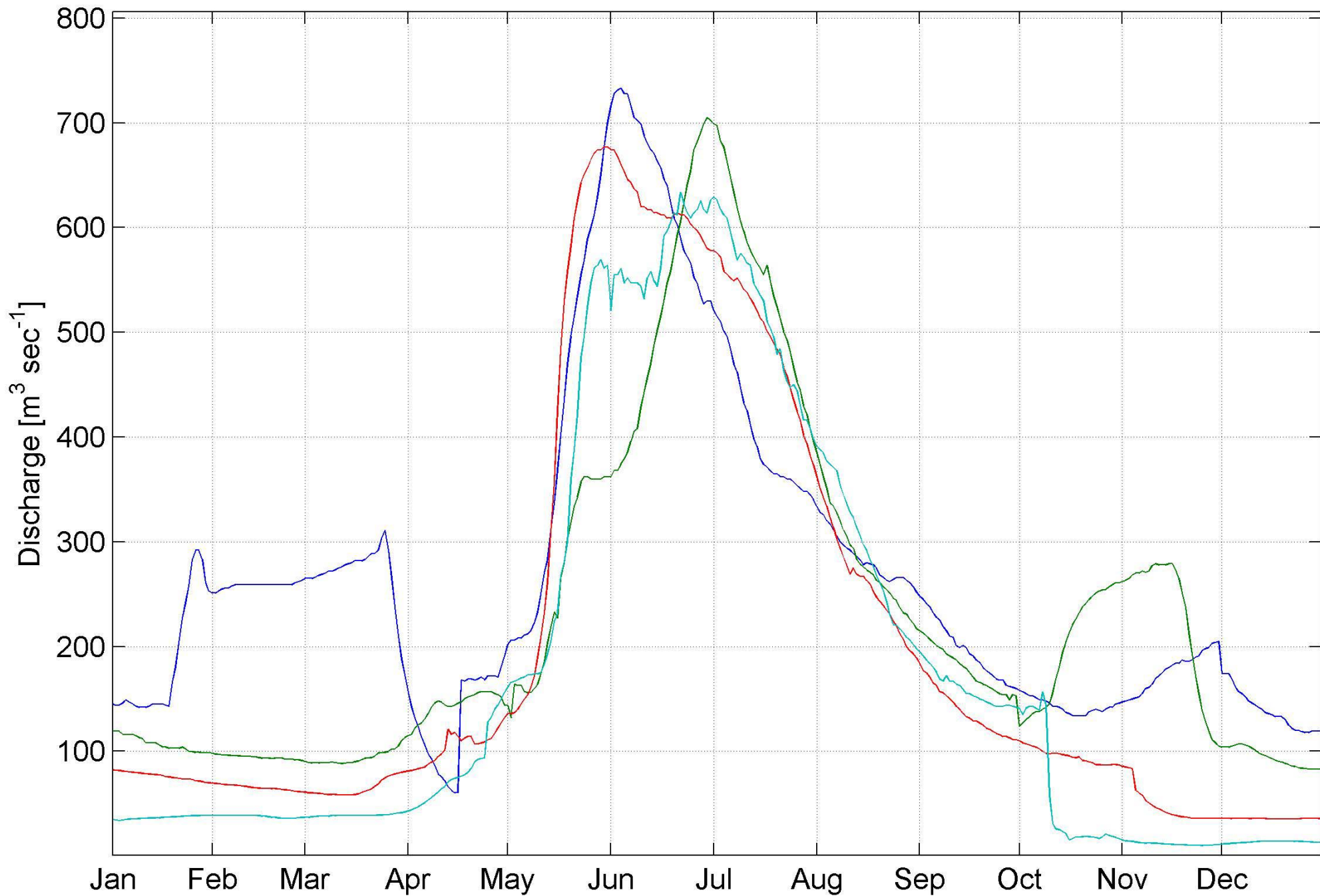
History of Gauge Corrections, Bench Marks and other Equipment						
Date	Gauge Correction					Notes on Installation or Removal of Gauges, Bench Marks, etc.
	W.W.G.	BM2	BM3	BM7	BM9-90	
1990 OCT 30				5.278	9.961	RAN LEVEL CIRCUIT FROM GSC B.M. 1779-J ESTABLISHED BM 9-90 AND TIED INTO BM 7 B.M. 8 WAS DESTROYED BY BRIDGE CONSTRUCTION
NOV 03						OLD BRIDGE WAS PARTIALLY DESTROYED BY FIRE ON NOV 4. CREW CLEANING UP DEBRIS PULLED OUT ORIFICE LINE AND DESTROYED BM 7.
NOV 15	+0.346'				9.961	INSTALLED W.W.G. ON DOWNSTREAM RAILING OF NEW BRIDGE. NEEDS NEW BEADED CABLE.
NOV 29	0.000'				9.961	REPLACED BEADED CABLE T. Garrett JAN 07, 1990
1991						
JUN 13	+0.008'				9.961	FOUND BM 2 + 3 DESTROYED WHEN OLD BRIDGE WAS REMOVED.
JUL 31	+0.010'				9.961	RESET W.W.G.
			BM11-91	BM10-91		
OCT 25	-0.002		3.528	6.208	9.961	INSTALLED BM10-91 & 11-91 RST FERGUSON 01/24/92
1992 MAY 28	+0.004'		3.542	6.211	9.961	
OCT 09	+0.002'		3.540	6.210	9.961	LJ NEVELOW 11/24/92
1993						
JUN 17	+0.003'		3.576	6.212	9.961	
OCT 14	+0.003'		3.575	6.212	9.961	LJ NEVELOW 10/31/93

**2a. Annual Hydrographs
1950-1952**

NECHAKO RIVER AT VANDERHOOF

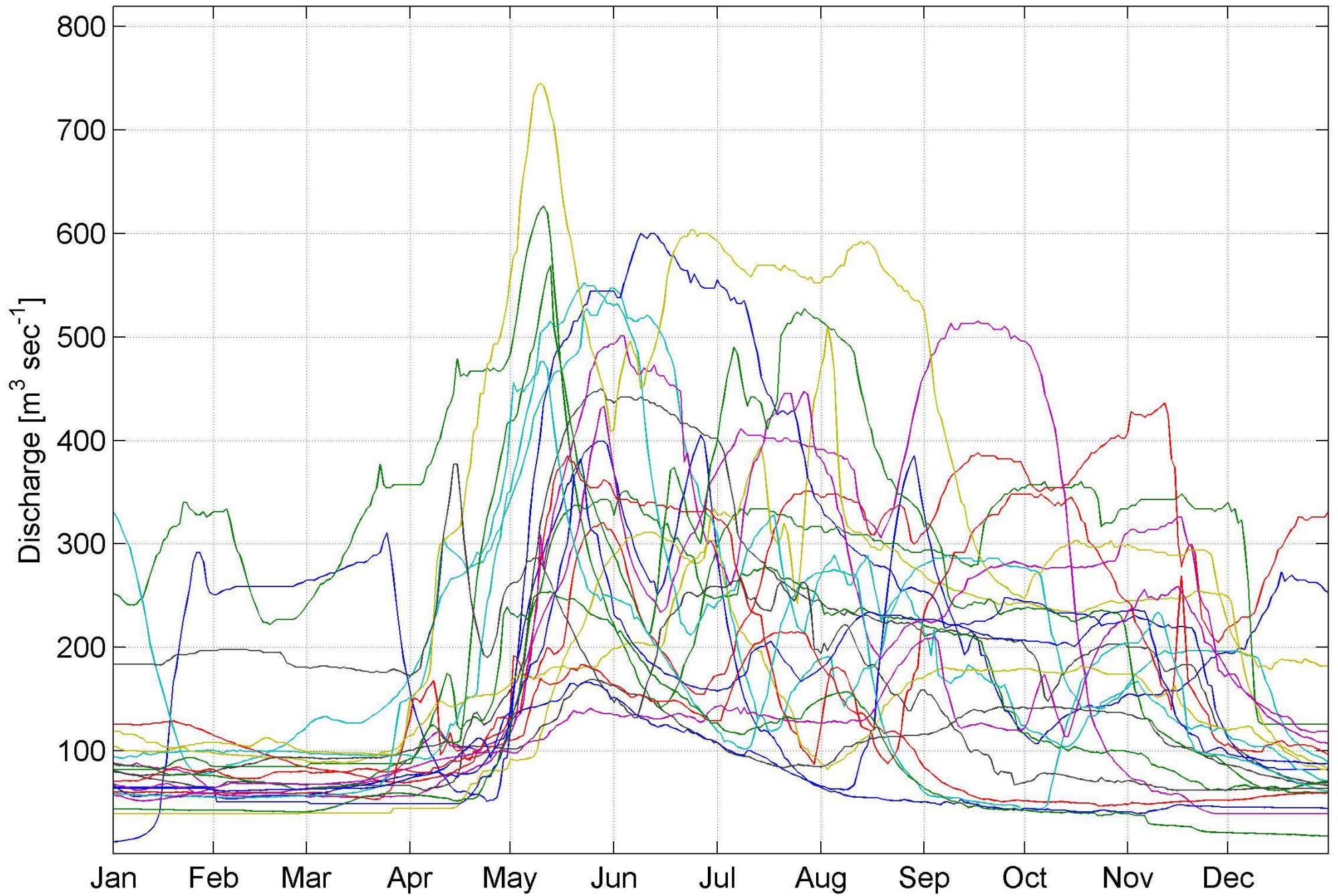
1949-1952

Dataset1 Period of Record Annual Hydrographs



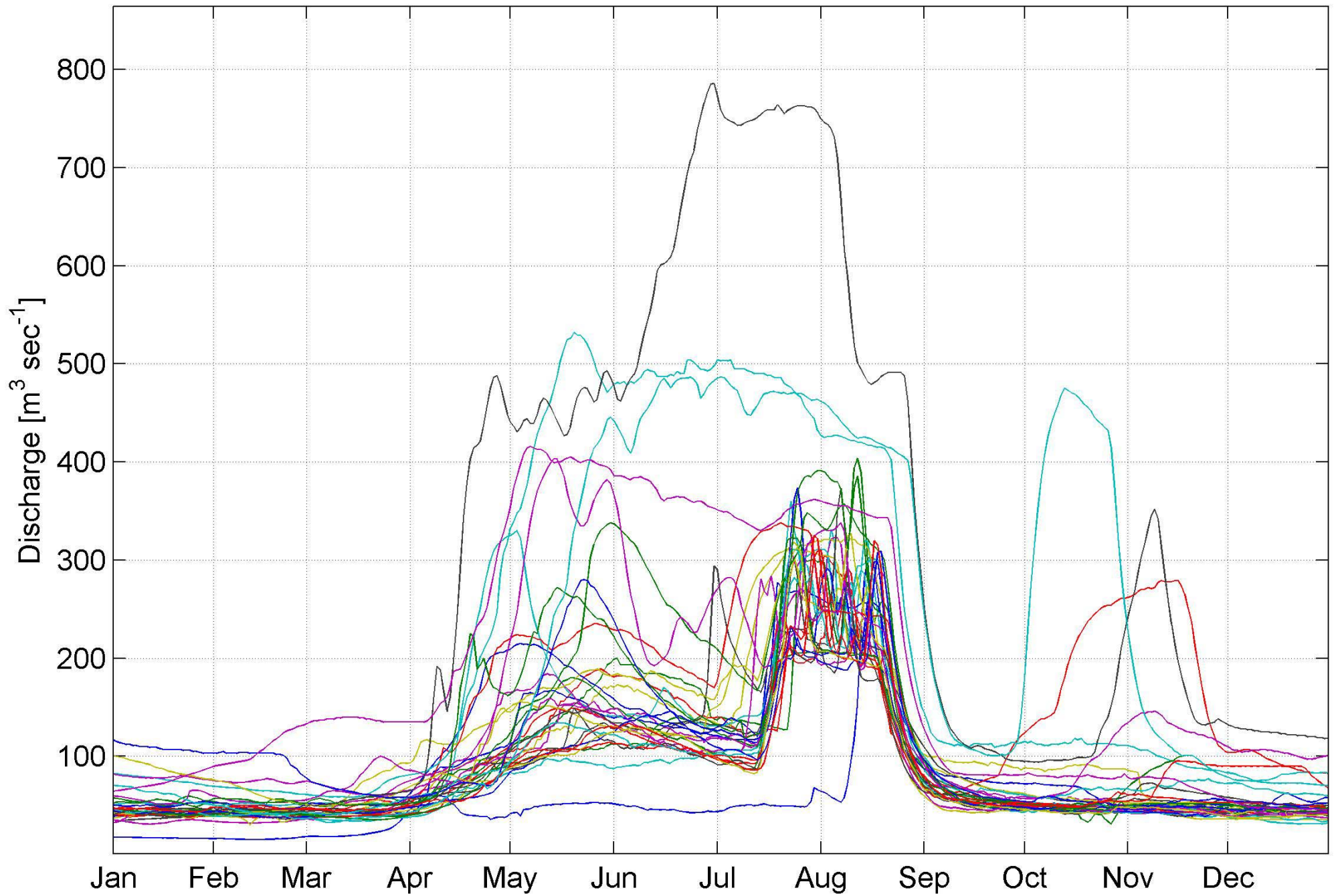
**2b. Annual Hydrographs
1957-1979**

NECHAKO RIVER AT VANDERHOOF
1957-1979
Dataset1 Period of Record Annual Hydrographs



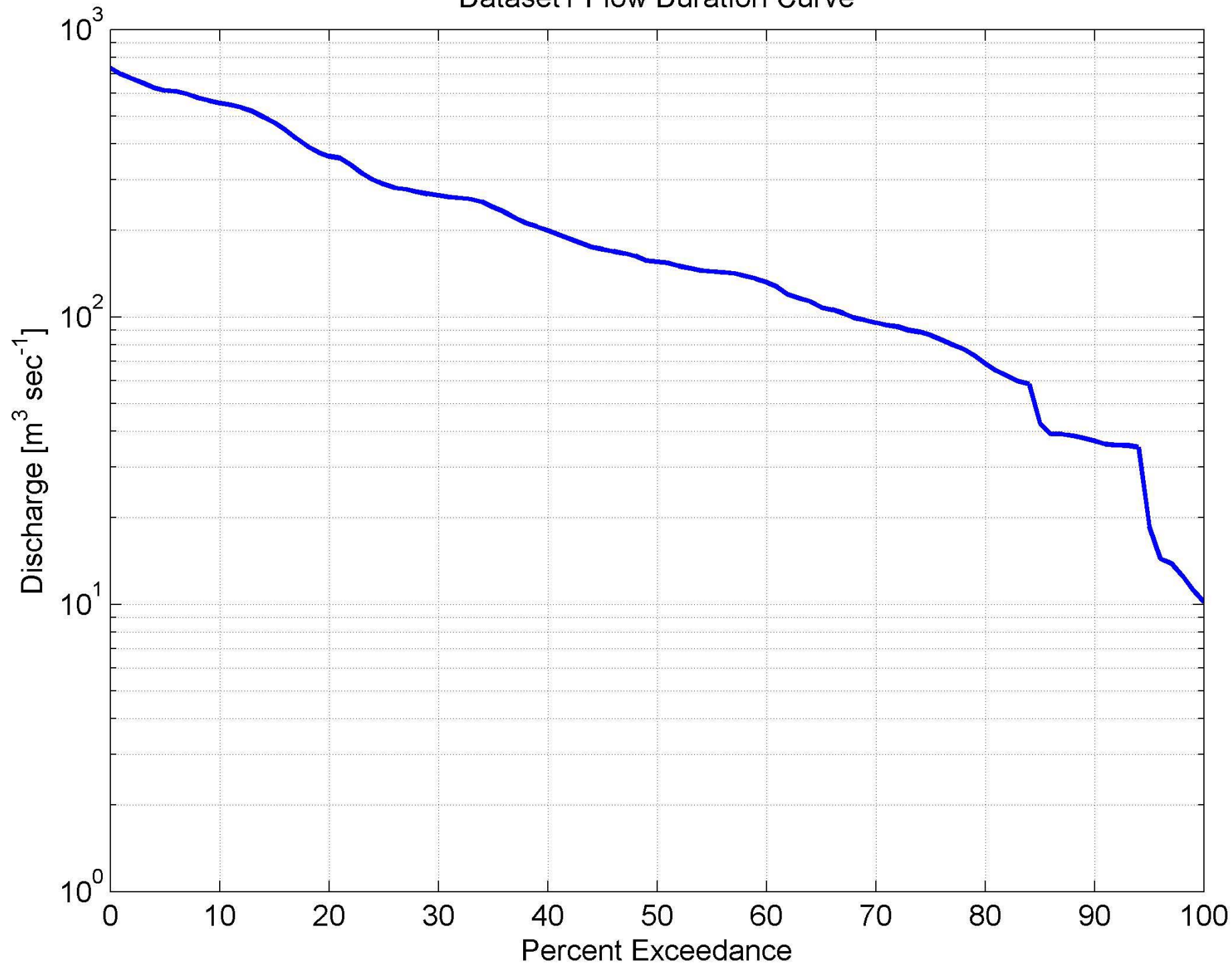
**2c. Annual Hydrographs
1980-2012**

NECHAKO RIVER AT VANDERHOOF
1980-2012
Dataset1 Period of Record Annual Hydrographs



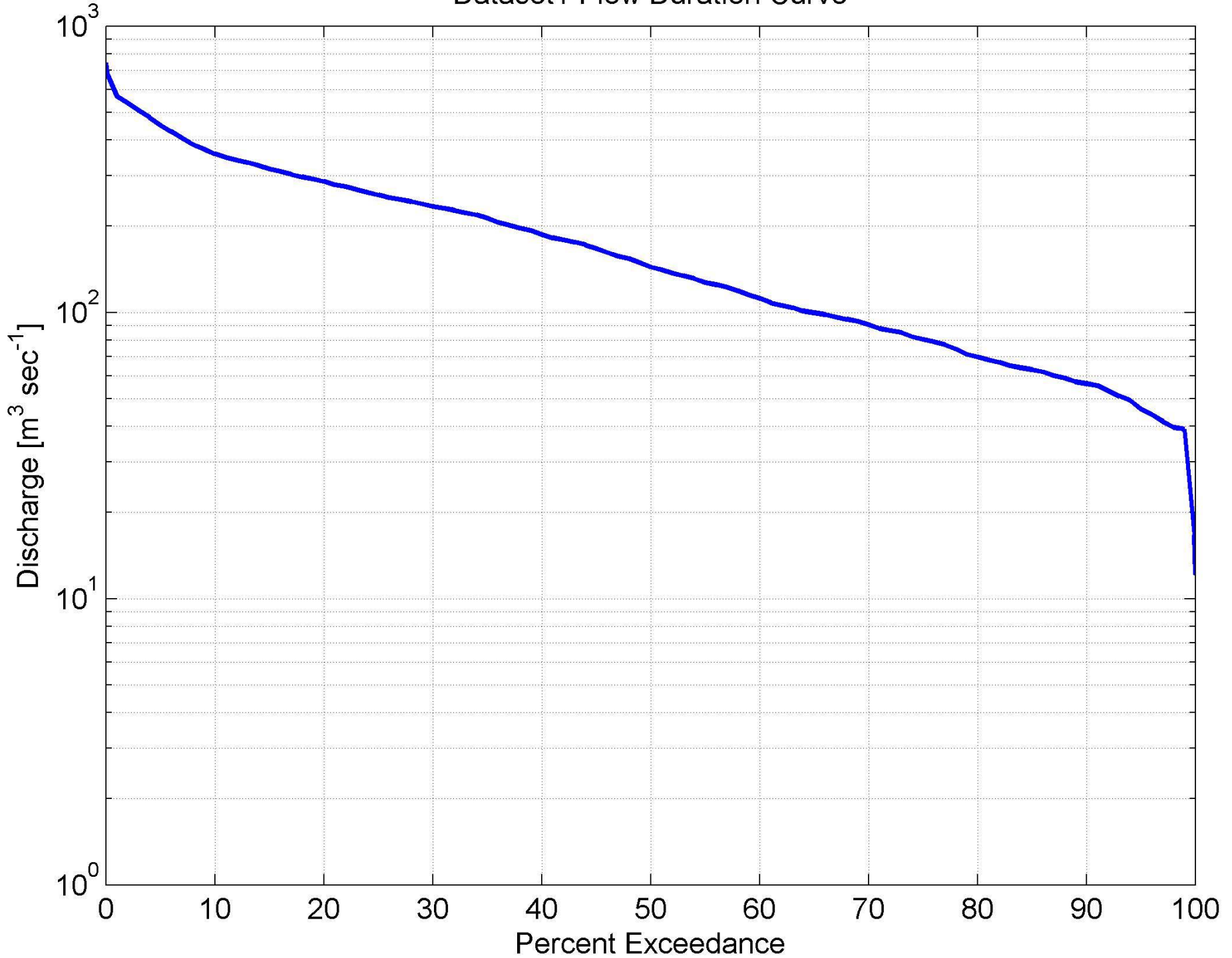
**3a. Flow Duration Curve
1950-1952**

NECHAKO RIVER AT VANDERHOOF
1949-1952
Dataset1 Flow Duration Curve



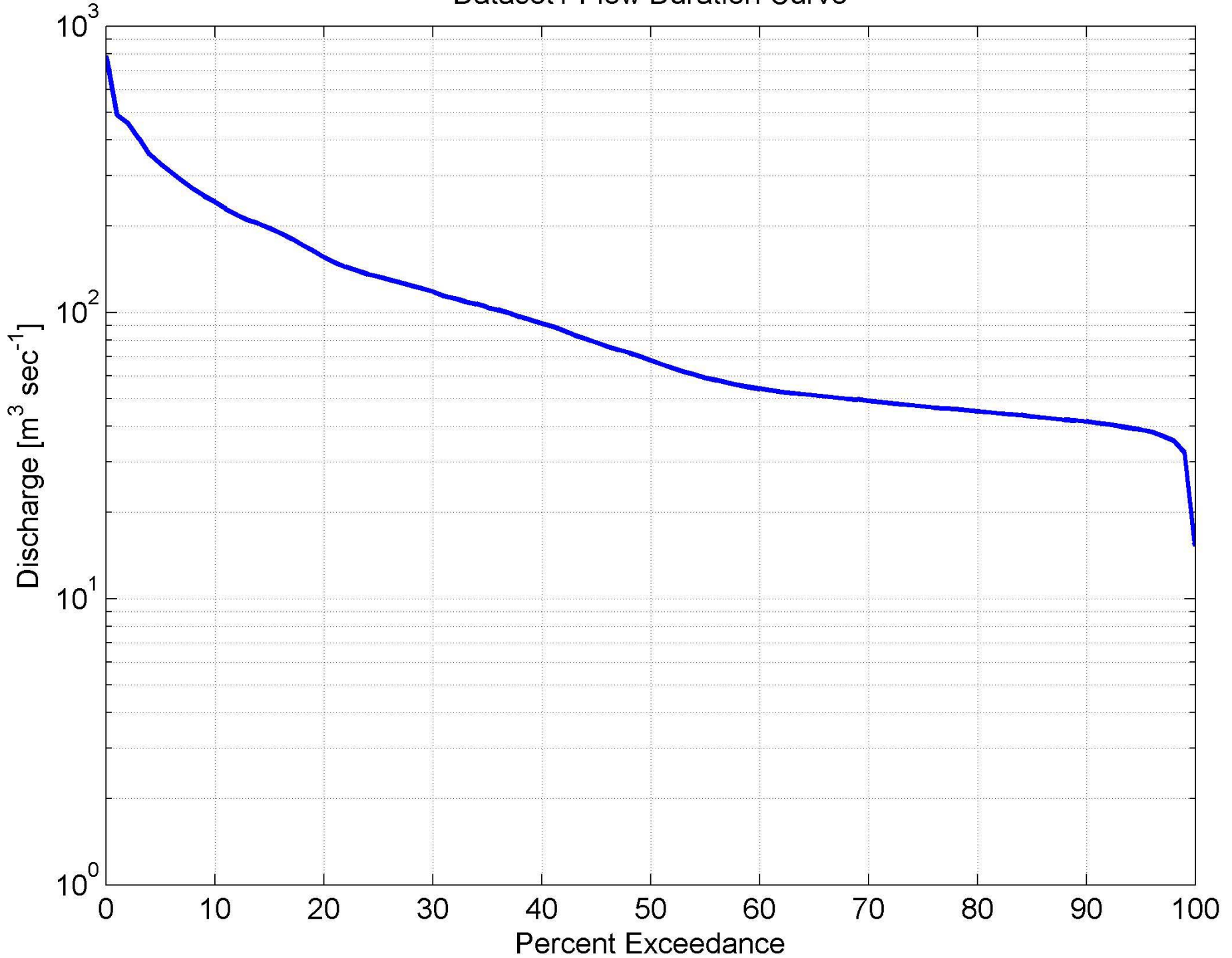
**3b. Flow Duration Curve
1957-1979**

NECHAKO RIVER AT VANDERHOOF
1957-1979
Dataset1 Flow Duration Curve



**3c. Flow Duration Curve
1980-2012**

NECHAKO RIVER AT VANDERHOOF
1980-2012
Dataset1 Flow Duration Curve



**4a. Flow Duration Table
1949-1952**

Vanderhoff 49-52_POR_FlowDurationCurve.txt

NECHAKO RIVER AT VANDERHOOF 1949-1952

Percent Exceedance	Streamflow	Percentile
0.01	733	99.99
0.1	731.08	99.9
1	698.8	99
2	674	98
3	650.1	97
4	626	96
5	614	95
6	609	94
7	597	93
8	578	92
9	566	91
10	555	90
11	547	89
12	535	88
13	519.2	87
14	496	86
15	473	85
16	446.8	84
17	417.8	83
18	393.1	82
19	374	81
20	362	80
21	356.7	79
22	337	78
23	316.1	77
24	300	76
25	289	75
26	280.9	74
27	278	73
28	272	72
29	268	71
30	265	70
31	261	69
32	259	68
33	256.7	67
34	251	66
35	241	65
36	231.9	64
37	221	63
38	212	62
39	206	61
40	199.5	60
41	193	59
42	187	58
43	180.7	57
44	175	56
45	172	55
46	169	54
47	166.3	53
48	162.7	52
49	157	51
50	155.5	50
51	153.9	49
52	150	48
53	147.7	47
54	145	46
55	144	45
56	143	44
57	142	43
58	139	42
59	136	41

Vanderhoff 49-52_POR_FlowDurationCurve.txt

60	132	40
61	126.8	39
62	119.3	38
63	116	37
64	113.1	36
65	108	35
66	106	34
67	103	33
68	99.1	32
69	97.43	31
70	95.55	30
71	93.58	29
72	92.39	28
73	89.87	27
74	88.63	26
75	86.35	25
76	83	24
77	80	23
78	77.22	22
79	73.51	21
80	68.65	20
81	64.87	19
82	62.39	18
83	59.71	17
84	58.23	16
85	42.5	15
86	39	14
87	39	13
88	38.57	12
89	37.82	11
90	36.9	10
91	36	9
92	35.8	8
93	35.7	7
94	35.22	6
95	18.65	5
96	14.4	4
97	13.9	3
98	12.6	2
99	11.22	1
99.9	10.296	0.1
99.99	10.2	0.01

**4b. Flow Duration Table
1957-1979**

Vanderhoof 57-79_POR_FlowDurationCurve.txt

NECHAKO RIVER AT VANDERHOOF 1957-1979

Percent Exceedance	Streamflow	Percentile
0.01	743.9815	99.99
0.1	682.625	99.9
1	567.65	99
2	536.8	98
3	507	97
4	479	96
5	450	95
6	428	94
7	405	93
8	385	92
9	371	91
10	357	90
11	348	89
12	340	88
13	334	87
14	326	86
15	317	85
16	311	84
17	303	83
18	297	82
19	292	81
20	286	80
21	279	79
22	275	78
23	268	77
24	262	76
25	257	75
26	251	74
27	248	73
28	244	72
29	239	71
30	234	70
31	231	69
32	227	68
33	223	67
34	219	66
35	213	65
36	206	64
37	201.35	63
38	197	62
39	193	61
40	187	60
41	182	59
42	179	58
43	176	57
44	172	56
45	167	55
46	162	54
47	157	53
48	153.9	52
49	149	51
50	144	50
51	141	49
52	137	48
53	134	47
54	131	46
55	127	45
56	125	44
57	122	43
58	119	42
59	115	41

Vanderhoof 57-79_POR_FlowDurationCurve.txt

60	112	40
61	108	39
62	106	38
63	104	37
64	101	36
65	99.7	35
66	98.3	34
67	96.3	33
68	94.6	32
69	93.2	31
70	90.6	30
71	87.8	29
72	86.4	28
73	85	27
74	82.1	26
75	80.4	25
76	79	24
77	77	23
78	74.5	22
79	71.4	21
80	69.9	20
81	68.2	19
82	66.8	18
83	65.1	17
84	64	16
85	63.1	15
86	62	14
87	60	13
88	58.9	12
89	57.2	11
90	56.4	10
91	55.5	9
92	53.2	8
93	51	7
94	49.3	6
95	45.9	5
96	43.9	4
97	41.6	3
98	39.6	2
99	39.1	1
99.9	16.7055	0.1
99.99	12.2019	0.01

**4c. Flow Duration Table
1980-2012**

Vanderhoof 1980-2012_POR_FlowDurationCurve.txt

NECHAKO RIVER AT VANDERHOOF 1979-2012

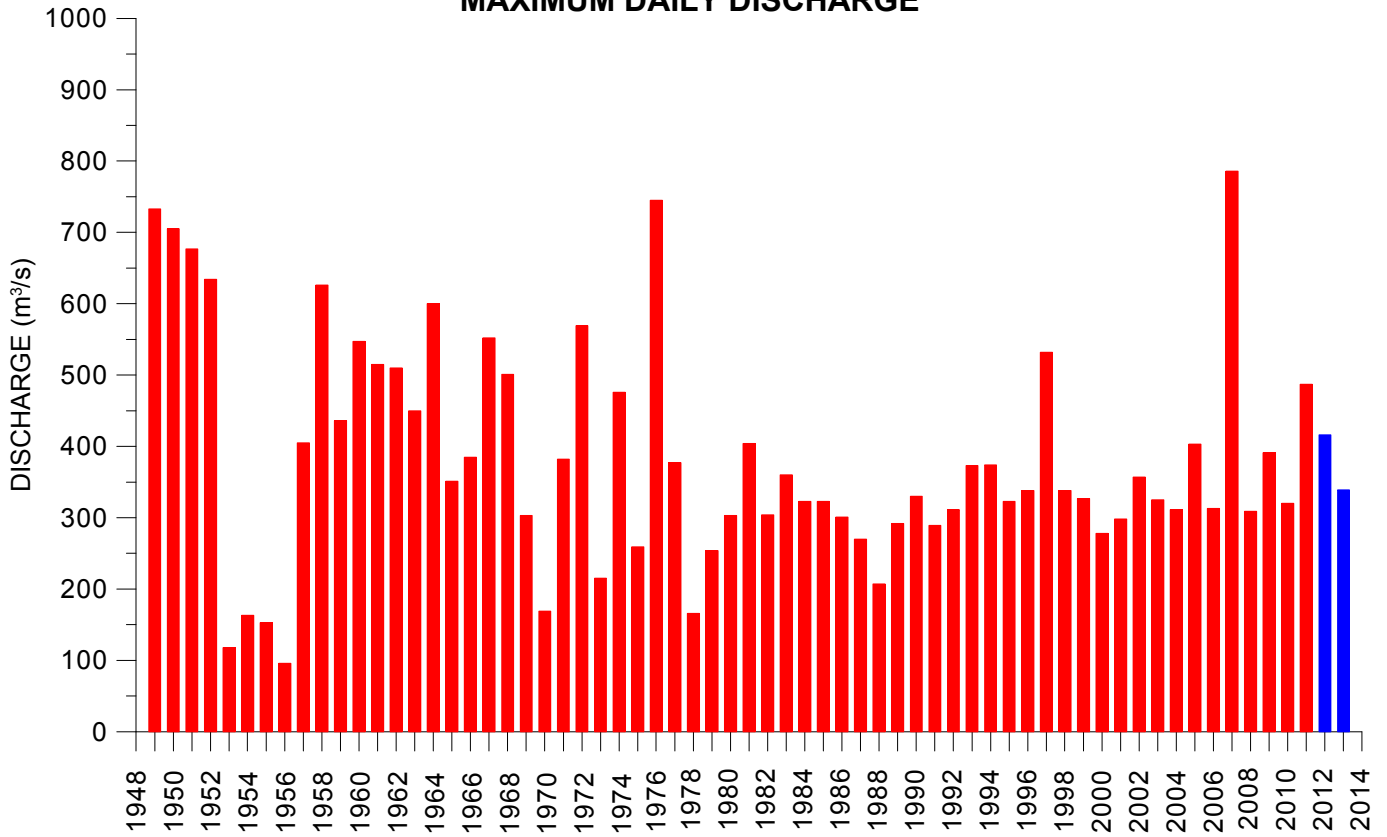
Percent Exceedance	Streamflow	Percentile
0.01	785.2955	99.99
0.1	760.91	99.9
1	489	99
2	458.106	98
3	405.219	97
4	356	96
5	330	95
6	308.0144	94
7	288	93
8	270	92
9	255	91
10	243	90
11	230	89
12	219	88
13	210	87
14	204	86
15	197	85
16	189	84
17	181	83
18	172	82
19	164	81
20	156	80
21	149	79
22	144	78
23	140	77
24	136	76
25	133	75
26	130	74
27	127	73
28	124	72
29	121	71
30	118	70
31	114	69
32	112	68
33	109	67
34	107	66
35	104	65
36	102	64
37	99.3	63
38	96.44	62
39	94	61
40	91.4	60
41	89.3	59
42	86.4	58
43	83.3	57
44	80.9	56
45	78.4	55
46	75.98	54
47	74	53
48	72.3	52
49	70.1	51
50	67.9	50
51	65.9	49
52	63.81	48
53	62	47
54	60.6	46
55	59	45
56	58	44
57	56.7	43
58	55.7	42
59	54.8	41

Vanderhoof 1980-2012_POR_FlowDurationCurve. txt

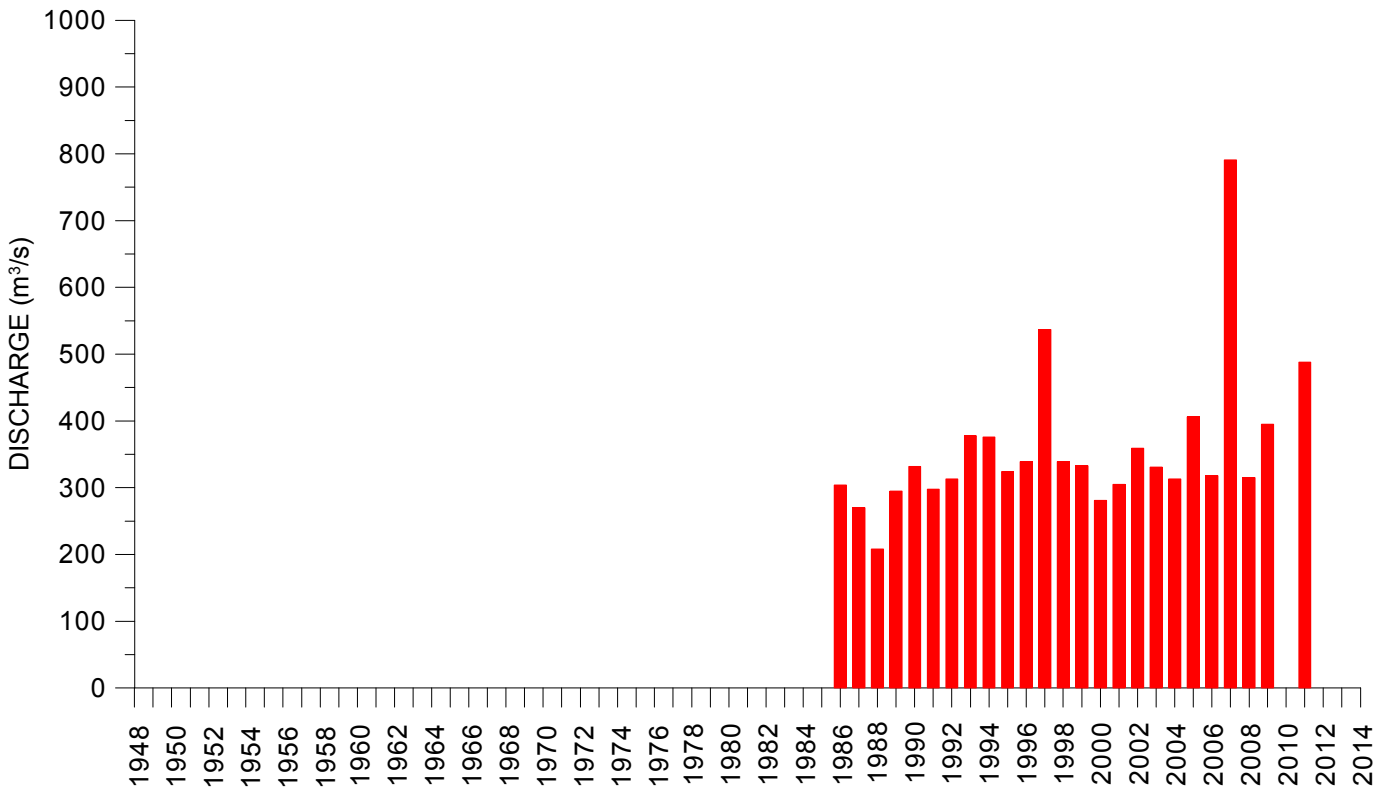
60	54	40
61	53.4	39
62	52.7	38
63	52.2	37
64	51.8	36
65	51.3	35
66	50.8	34
67	50.3	33
68	49.9	32
69	49.6	31
70	49	30
71	48.6	29
72	48.1	28
73	47.7	27
74	47.3	26
75	46.9	25
76	46.5	24
77	46.2	23
78	45.9	22
79	45.5	21
80	45.1	20
81	44.7	19
82	44.3	18
83	44	17
84	43.7	16
85	43.2	15
86	42.9	14
87	42.5	13
88	42.1	12
89	41.9	11
90	41.5	10
91	41	9
92	40.5	8
93	40	7
94	39.4	6
95	38.9	5
96	38.2	4
97	37	3
98	35.6	2
99	32.4	1
99.9	15.6545	0.1
99.99	15.3	0.01

5. Flood Frequency Analyses (not to be used for design purposes)

**NECHAKO RIVER AT VANDERHOOF, 1949 TO 2012 (prelim.)
MAXIMUM DAILY DISCHARGE**



**NECHAKO RIVER AT VANDERHOOF, 1986 TO 2012 (prelim.)
MAXIMUM INSTANTANEOUS DISCHARGE**



Historical variation in annual maximum daily and instantaneous discharge, Nechako River at Vanderhoof, 1948 to 2012 (prelim.).

FREQUENCY ANALYSIS OF ANNUAL MAXIMUM DAILY DISCHARGE: NECHAKO RIVER AT VANDERHOOF, 1957 - 1979

NECHAKO RIVER AT VANDERHOOF MAXIMUM DAILY DISCHARGE 1957-1979							Skew:	-.0231						
Frequency Distribution	Estimate of Specified Recurrence Interval Discharge in m ³ /second							Goodness of fit						
	2 years	5 years	10 years	25 years	50 years	100 years	200 years	1	2					
	<i>See NOTES below</i>													
Log Normal (Maximum Likelihood)	427	554	620	690	735	776	813	.0614	.0244					
Gumbel (Maximum Likelihood)	403	561	667	799	898	996	1,090	.108	.0623					
Pearson Type III (By Moments)	426	554	620	691	736	777	815	.0615	.0247					
Log Pearson Type III (By Moments)	418	563	639	718	767	808	844	.0737	.0451					
Average Adopted Value	418 418	558 563	637 639	725 718	784 767	839 808	891 844							
95% Confidence Limits for Specified Recurrence Interval in m ³ /second														
Frequency Distribution	2 years		5 years		10 years		25 years		50 years		100 years		200 years	
	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper
Log Normal (Maximum Likelihood)	361	492	478	630	532	707	587	793	622	848	652	899	679	945
Gumbel (Maximum Likelihood)	331	474	452	671	526	807	618	981	685	1110	751	1240	816	1370
Pearson Type III (By Moments)	361	492	477	631	531	710	586	796	620	853	650	904	678	951
Log Pearson Type III (By Moments)	346	504	432	732	472	866	511	1010	534	1100	553	1180	569	1250
Average Adopted Value	350 331	491 504	460 432	666 732	515 472	772 866	575 511	895 1010	615 534	979 1110	651 553	1060 1240	686 569	1130 1370
<p>1 Modified Kolmogorov-Smirnov goodness of fit test based on unbiased plotting positions for all points.</p> <p>2 Modified Kolmogorov-Smirnov goodness of fit test based on unbiased plotting positions for 5 largest points.</p> <p>Analytical procedures used to prepare this summary were made available by the River Forecast Centre, Water Management Branch, B.C. Ministry of Environment. This assistance is gratefully acknowledged.</p>														

FREQUENCY ANALYSIS OF ANNUAL MAXIMUM DAILY DISCHARGE: NECHAKO RIVER AT VANDERHOOF, 1980 - 2012

NECHAKO RIVER AT VANDERHOOF MAXIMUM DAILY DISCHARGE 1957-1979							Skew:	2.91						
Frequency Distribution	Estimate of Specified Recurrence Interval Discharge in m ³ /second							Goodness of fit						
	2 years	5 years	10 years	25 years	50 years	100 years	200 years	1	2					
	<i>See NOTES below</i>													
Log Normal (Maximum Likelihood)	336	410	459	521	568	615	663	.141	.0773					
Gumbel (Maximum Likelihood)	338	405	449	505	547	589	630	.148	.0637					
Pearson Type III (By Moments)	313	395	470	578	663	750	839	.199	.0556					
Log Pearson Type III (By Moments)	323	400	463	559	643	737	843	.152	.0580					
Average Adopted Value	328 323	402 400	460 463	541 559	605 643	673 737	744 843							
95% Confidence Limits for Specified Recurrence Interval in m ³ /second														
Frequency Distribution	2 years		5 years		10 years		25 years		50 years		100 years		200 years	
	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper
Log Normal (Maximum Likelihood)	312	364	371	455	406	523	447	613	477	684	506	758	534	835
Gumbel (Maximum Likelihood)	313	362	367	443	401	498	442	568	473	621	504	673	534	726
Pearson Type III (By Moments)	290	336	335	456	361	580	396	759	423	902	452	1050	480	1200
Log Pearson Type III (By Moments)	302	346	350	457	383	561	428	731	465	889	504	1080	545	1300
Average Adopted Value	304 290	352 364	355 335	453 457	387 361	540 580	429 396	668 759	460 423	774 902	491 452	890 1080	523 480	1020 1300
<p>1 Modified Kolmogorov-Smirnov goodness of fit test based on unbiased plotting positions for all points.</p> <p>2 Modified Kolmogorov-Smirnov goodness of fit test based on unbiased plotting positions for 5 largest points.</p> <p>Analytical procedures used to prepare this summary were made available by the River Forecast Centre, Water Management Branch, B.C. Ministry of Environment. This assistance is gratefully acknowledged.</p>														

6. WSC Rating Tables

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .85 10/29/2013 12:51

period of use: 1915-07-21 00:00:00 to 1915-12-31 23:59:59.

remarks:

date created: 1916-01-26

GH	Discharge
-0.244	85.234
-0.061	105.906
0.305	150.08
0.457	169.902
0.762	212.378
1.219	284.586
1.524	338.388
1.829	395.022

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .86 10/29/2013 12:53

period of use: 1947-10-01 00:00:00 to 1948-08-20 23:59:59.

remarks:

date created: 1949-09-14

GH	Discharge
0.61	25.485
0.671	30.582
1.006	61.731
1.067	67.961
1.372	101.941
1.433	109.304
1.737	148.947
1.859	165.938
2.073	197.653
2.195	216.908
2.377	247.491
2.499	269.012
2.804	325.646
2.926	348.299
3.018	368.121
3.139	393.606
3.353	441.745
3.505	475.726
3.658	515.369
3.81	552.182
4.054	614.479
4.176	648.459
4.724	801.371

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

*****:

Stage Discharge Table No: .87 10/29/2013 12:53

period of use: 1948-08-21 00:00:00 to 1950-09-30 23:59:59.

remarks:

date created: 1950-12-19

GH	Discharge
1.189	100.525
1.28	109.02
1.494	130.825
1.646	147.815
1.829	169.902
1.89	177.831
2.103	207.564
2.286	234.748
2.377	249.19
2.56	279.772
2.652	295.913
2.804	324.23
2.957	353.963
3.139	391.341
3.2	404.367
3.475	465.531
3.78	536.324
4.115	617.311
4.602	739.64
4.877	810.999

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .88 10/29/2013 12:54

period of use: 1951-04-12 00:00:00 to 1951-04-12 00:00:01.

remarks:

date created: 1952-11-26

GH Discharge

=====

0.152	5.663
0.183	7.079
0.244	10.477
0.274	12.459
0.305	14.725
0.366	19.822
0.762	56.634
0.823	62.864
1.097	93.446
1.219	108.171
1.372	127.993
1.615	161.973
1.92	207.28
2.164	245.792
2.53	306.956
2.774	349.998
3.2	429.286
3.322	453.072
3.749	540.288
4.115	621.841
4.602	739.64
4.877	810.999

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .89 10/29/2013 12:54

period of use: 1951-04-12 00:00:02 to 1952-06-21 23:59:59.

remarks:

date created: 1952-11-25

GH	Discharge
1.189	92.88
1.341	109.87
1.463	124.595
1.615	144.417
1.676	152.912
1.859	180.096
2.103	218.607
2.377	264.481
2.438	275.241
2.835	348.865
2.957	372.652
3.444	472.328
4.115	621.841
4.237	651.291

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .90 10/29/2013 12:55

period of use: 1952-06-22 00:00:00 to 1952-11-30 23:59:59.

remarks:

date created: 1953-08-21

GH	Discharge
0.975	4.531
1.006	6.23
1.036	8.212
1.067	10.477
1.097	12.884
1.676	63.996
1.951	89.482
2.073	101.941
2.134	108.737
2.225	119.781
2.286	127.71
2.408	144.7
2.56	167.353
2.652	181.795
2.835	212.378
3.139	266.18
3.566	345.467
4.054	440.613
4.602	552.748
4.968	634.301

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .91 10/29/2013 12:57

period of use: 1953-04-23 00:00:00 to 1953-07-02 23:59:59.

remarks:

date created: 1953-10-29

GH	Discharge
1.006	15.008
1.067	18.972
1.128	23.22
1.25	32.281
1.524	55.218
1.951	92.88
2.103	107.038
2.286	127.427

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .92 10/29/2013 12:57

period of use: 1953-07-03 00:00:00 to 1953-12-06 23:59:59.

remarks:

date created: 1953-10-30

GH	Discharge
1.006	5.947
1.067	8.778
1.097	10.336
1.128	12.035
1.158	13.875
1.189	15.858
1.28	22.654
1.341	28.317
1.402	34.264
2.134	109.02
2.347	134.789
2.438	146.682
2.743	189.158
3.048	231.633
3.353	274.109
3.658	316.584

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .93 10/29/2013 12:57

period of use: 1954-05-01 00:00:00 to 1954-12-10 23:59:59.

remarks:

date created: 1954-11-29

GH	Discharge
1.006	5.947
1.067	8.778
1.097	10.336
1.128	12.035
1.158	13.875
1.189	15.858
1.28	22.654
1.768	63.43
1.829	69.093
1.859	72.208
1.981	85.801
2.012	89.482
2.134	105.339
2.286	126.577
2.56	167.353
2.652	181.795
2.835	212.378
3.048	250.039

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .94 10/29/2013 12:58

period of use: 1954-12-11 00:00:00 to 1954-12-11 00:00:01.

remarks:

date created: 1955-11-07

GH Discharge

=====

0.914	15.291
0.945	17.273
1.067	25.768
1.402	53.519
1.524	64.28
1.798	89.765
1.829	92.88

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

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Stage Discharge Table No: .95 10/29/2013 12:58

period of use: 1955-04-17 00:00:00 to 1956-10-31 23:59:59.

remarks:

date created: 1957-02-04

GH	Discharge
1.036	9.061
1.097	11.893
1.189	16.99
1.219	18.972
1.311	25.768
1.402	33.414
1.524	44.741
1.798	72.775
1.89	82.969
2.134	112.418
2.256	128.276
2.469	158.009
2.621	180.662
2.865	219.174
3.109	259.95
3.658	356.794
3.962	413.428

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .96 10/29/2013 12:59

period of use: 1956-11-01 00:00:00 to 1958-02-28 23:59:59.

remarks:

date created: 1958-04-14

GH	Discharge
1.524	50.971
1.615	59.466
1.676	65.695
1.829	82.686
1.981	101.092
2.195	128.842
2.469	167.07
2.713	203.316
2.743	208.13
2.804	217.191
2.896	231.633
3.444	323.38
3.81	387.943
5.364	676.776

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .97 10/29/2013 12:59

period of use: 1958-03-01 00:00:00 to 1959-01-30 23:59:59.

remarks:

date created: 1958-09-02

GH	Discharge
1.463	45.307
1.615	59.466
1.676	65.695
1.798	79.288
1.92	94.012
2.012	105.906
2.164	127.143
2.377	158.858
2.652	202.183
2.835	232.766
3.078	275.808
3.322	321.115
3.932	440.046
3.993	452.506
4.724	608.816
4.877	642.796

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .98 10/29/2013 13:00

period of use: 1959-01-31 00:00:00 to 1960-09-30 23:59:57.

remarks:

date created: 1959-10-03

GH	Discharge
1.463	45.307
1.615	59.466
1.737	71.925
1.951	95.711
2.073	110.436
2.225	130.258
2.591	181.229
2.743	203.882
2.957	237.58
3.292	293.647
3.81	385.111
4.023	424.755
4.206	460.434
5.669	759.462

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: .99 10/29/2013 13:01

period of use: 1960-09-30 23:59:58 to 1960-09-30 23:59:59.

remarks:

date created: 1962-10-17

GH Discharge

=====

1.463	45.307
1.615	59.466
1.737	71.925
1.951	95.711
2.073	110.436
2.225	130.258
2.591	181.229
2.743	203.882
2.957	237.58
3.292	293.647
3.353	304.408
3.444	321.398
3.871	404.65
4.054	442.028
4.237	481.106
4.42	521.882

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 1.00 10/29/2013 13:02

period of use: 1960-10-01 00:00:00 to 1967-05-21 23:59:59.

remarks:

date created: 1963-01-31

GH	Discharge
1.433	45.024
1.585	59.183
1.676	68.527
1.829	85.517
2.134	122.329
2.438	161.973
2.682	195.954
2.865	223.138
2.957	237.58
3.292	293.647
3.353	304.408
3.444	321.398
3.871	404.65
4.054	442.028
4.237	481.106
4.785	603.435

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 2.00 10/29/2013 13:03

period of use: 1967-05-22 00:00:00 to 1968-12-31 23:59:59.

remarks:

date created: 1967-12-18

GH	Discharge
2.012	123.462
2.103	133.656
2.286	155.744
2.438	175.565
2.713	213.793
2.896	240.978
3.048	265.047
3.505	341.503
3.688	373.784
3.81	396.438
4.359	508.573
4.389	515.086
4.785	603.435

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 3.00 10/29/2013 13:03

period of use: 1969-01-01 00:00:00 to 1971-05-21 23:59:59.

remarks:

date created: 1969-11-14

GH	Discharge
1.524	59.466
1.585	65.695
1.768	86.084
2.042	119.215
2.469	174.716
2.682	204.449
2.835	227.102
3.048	260.8
3.17	281.188
3.353	313.469

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 4.00 10/29/2013 13:03

period of use: 1971-05-22 00:00:00 to 1972-05-12 23:59:59.

remarks:

date created: 1971-11-29

GH	Discharge
1.524	45.307
1.585	50.971
1.646	57.2
1.829	77.589
2.012	99.676
2.286	135.355
2.316	139.603
2.499	166.787
2.621	186.043
2.896	231.916
3.261	296.479
3.901	415.41
3.932	421.357
4.359	508.573
4.389	515.086
4.785	603.435

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 5.00 10/29/2013 13:05

period of use: 1972-05-13 00:00:00 to 1973-04-06 23:59:59.

remarks:

date created: 1973-01-17

GH	Discharge
1.524	45.307
1.585	50.971
1.646	57.2
1.829	77.589
2.012	99.676
2.316	139.32
2.377	147.815
2.926	229.368
3.018	243.809
3.81	376.333
4.237	451.656
4.42	485.637
4.481	497.53
4.542	509.989
4.572	516.502
4.724	550.482
4.785	564.641

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 6.00 10/29/2013 13:06

period of use: 1973-04-07 00:00:00 to 1973-11-02 23:59:59.

remarks:

date created: 1973-11-06

GH	Discharge
1.402	41.06
1.433	43.042
1.585	55.784
1.676	64.28
1.829	79.854
2.012	100.242
2.073	107.605
2.316	139.32
2.377	147.815
2.926	229.368
3.018	243.809
3.81	376.333
4.237	451.656
4.42	485.637
4.481	497.53
4.542	509.989
4.572	516.502
4.724	550.482
4.785	564.641

Approved by:

Date:

Stage Discharge Table No: 7.00

Stage Discharge Table No: 7.00

10/29/2013 13:06

period of use: 1974-04-13 00:00:00 to 1975-04-18 23:59:59.

remarks:

date created: 1974-11-08

GH	Discharge
1.372	35.963
1.676	64.28
1.829	79.854
2.012	100.242
2.073	107.605
2.316	139.32
2.377	147.815
2.926	229.368
3.018	243.809
3.81	376.333
4.237	451.656
4.42	485.637
4.481	497.53
4.542	509.989
4.572	516.502
4.724	550.482
4.785	564.641

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 8.00 10/29/2013 13:06

period of use: 1975-04-19 00:00:00 to 1976-04-14 23:59:59.

remarks:

date created: 1975-10-03

GH	Discharge
1.524	70.793
1.951	110.436
2.469	163.389
2.53	170.185
2.56	173.866
2.591	178.114
2.774	205.298
3.018	243.809
3.81	376.333
4.237	451.656
4.42	485.637
4.481	497.53
4.542	509.989
4.572	516.502
4.724	550.482
4.785	564.641

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 9.00 10/29/2013 13:07

period of use: 1976-04-15 00:00:00 to 1976-05-09 23:59:59.

remarks:

date created: 1976-11-16

GH	Discharge
1.524	70.793
1.951	110.436
2.469	163.389
2.53	170.185
2.56	173.866
2.591	178.114
2.774	205.298
3.018	243.809
3.536	330.459
3.81	381.43
3.993	417.109
4.237	466.947
4.359	492.999
4.45	513.387
4.968	633.734
5.486	758.896

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 10.00 10/29/2013 13:07

period of use: 1976-05-10 00:00:00 to 1977-02-20 23:59:59.

remarks:

date created: 1976-11-17

GH	Discharge
2.743	169.902
3.048	218.041
3.231	250.322
3.322	267.312
3.444	291.099
3.475	297.329
3.932	395.022
4.145	442.595
4.968	633.734
5.486	758.896

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 11.00 10/29/2013 13:08

period of use: 1977-02-21 00:00:00 to 1978-11-10 23:59:59.

remarks:

date created: 1977-11-02

GH	Discharge
1.372	29.733
1.524	45.307
1.829	79.288
2.499	160.274
3.2	251.455
3.353	276.94
3.505	303.841
3.932	395.022
4.145	442.595
4.968	633.734
5.486	758.896

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 12.00 10/29/2013 13:09

period of use: 1979-04-12 00:00:00 to 1979-12-31 23:59:59.

remarks:

date created: 1979-11-15

GH	Discharge
1.372	29.733
1.524	45.307
1.829	79.288
2.164	119.781
2.256	131.674
2.621	182.645
2.774	205.298
3.018	243.809
3.536	330.459
3.81	381.43
3.993	417.109
4.237	466.947
4.359	492.999
4.45	513.387
4.968	633.734
5.486	758.896

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 13.00 10/29/2013 13:09

period of use: 1980-01-01 00:00:00 to 1981-06-01 23:59:59.

remarks:

date created: 1980-05-22

GH	Discharge
1.28	28.317
1.311	30.299
1.463	41.626
1.494	44.175
1.615	55.501
1.829	79.288
2.164	119.781
2.256	131.674
2.621	182.645
2.774	205.298
3.018	243.809
3.536	330.459
3.81	381.43
3.993	417.109
4.237	466.947
4.359	492.999
4.45	513.387
4.968	633.734
5.486	758.896

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 14.00 10/29/2013 13:10

period of use: 1981-06-02 00:00:00 to 1981-07-21 23:59:59.

remarks:

date created: 1981-09-10

GH	Discharge
1.28	28.317
1.311	30.299
1.341	32.565
1.372	35.113
1.402	37.378
1.433	39.927
1.494	44.458
1.524	47.006
1.615	55.501
1.676	61.731
1.951	87.216
2.012	93.163
2.042	96.278
2.073	99.11
2.164	108.454
2.286	122.046
2.347	129.409
2.377	133.373
2.408	137.904
2.438	142.718
2.53	158.009
2.56	162.823
2.591	167.92
2.652	178.68
2.713	190.007
2.743	195.387
2.774	201.051
2.865	217.191
3.018	243.809
3.536	330.459
3.81	381.43
3.993	417.109
4.237	466.947
4.359	492.999
4.45	513.387
4.968	633.734
5.486	758.896

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 15.00 10/29/2013 13:10

period of use: 1981-07-22 00:00:00 to 1981-12-31 23:59:59.

remarks:

date created: 1981-09-11

GH	Discharge
1.28	28.317
1.311	30.299
1.341	32.565
1.372	35.113
1.402	37.378
1.433	39.927
1.494	44.458
1.524	47.006
1.615	55.501
1.676	61.731
1.951	87.216
1.981	90.331
2.012	93.163
2.042	96.278
2.073	99.11
2.164	108.454
2.286	122.046
2.469	144.134
2.53	150.93
2.56	154.611
2.652	164.805
2.682	168.486
2.926	200.201
2.987	207.564
3.018	211.528
3.048	215.209
3.139	227.102
3.17	230.784
3.2	234.748
3.261	242.11
3.292	246.358
3.353	255.986
3.383	260.516
3.444	269.012
3.475	273.825
3.566	287.418
3.597	292.231
3.658	302.426
3.688	307.239
3.719	312.903
3.871	339.804
4.054	373.784
4.267	423.339

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 16.00 10/29/2013 13:11

period of use: 1982-01-01 00:00:00 to 1982-12-31 23:59:59.

remarks:

date created: 1983-01-24

GH	Discharge
1.2	21.8
1.4	37.2
1.5	45
1.6	54
1.7	64.5
1.9	86.1
2.2	119.1
2.3	130.5
2.4	142
3.1	226
3.2	239
3.5	281
3.6	296
3.8	328
3.9	345
4	364
4.1	384
4.2	408

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 17.00 10/29/2013 13:12

period of use: 1983-01-01 00:00:00 to 1984-12-31 23:59:59.

remarks:

date created: 1983-06-07

GH	Discharge
1.2	25
1.3	32
1.4	40
1.6	58
1.8	78
2.4	144
3.1	228
3.4	267
3.5	281
3.6	296
3.8	328
3.9	345
4	364
4.1	384
4.2	408

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 18.00 10/29/2013 13:12

period of use: 1985-01-01 00:00:00 to 1986-06-13 23:59:59.

remarks:

date created: 1985-10-09

GH	Discharge
1.1	24
1.2	31
1.4	47
1.6	65
1.9	95
2.2	128
3.6	296
3.8	328
3.9	345
4	364
4.1	384
4.3	432

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 19.00 10/29/2013 13:13

period of use: 1986-06-14 00:00:00 to 1986-12-31 23:59:59.

remarks:

date created: 1986-07-31

GH	Discharge
1.2	19
1.3	26
1.4	34
1.5	43
1.9	83
2.1	105
2.7	176
2.8	189
2.9	201
3	214
3.1	226
3.3	252
3.4	264
3.7	303
3.8	318
3.9	337
4	357
4.1	380
4.2	404
4.4	456

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 20.00 10/29/2013 13:13

period of use: 1987-01-01 00:00:00 to 1987-07-28 23:59:59.

remarks:

date created: 1987-09-22

GH	Discharge
1.1	24
1.2	31
1.4	47
1.6	65
2	105
2.1	116
2.3	136
2.4	147
2.5	157
2.7	179
2.8	189
3.2	233
3.5	272
3.7	302
3.8	318
3.9	337
4	357
4.1	380
4.2	404
4.4	456

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 21.00 10/29/2013 13:16

period of use: 1987-07-29 00:00:00 to 1988-12-31 23:59:59.

remarks:

date created: 1987-09-23

GH	Discharge
1.2	19
1.3	26
1.4	34
1.5	43
1.9	83
2.7	171
2.8	183
2.9	194
3.3	242
3.4	256
3.5	269
3.6	284
3.8	318
3.9	337
4	357
4.1	380
4.2	404
4.4	456

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 22.00 10/29/2013 13:17

period of use: 1989-01-01 00:00:00 to 1989-12-31 23:59:59.

remarks:

date created: 1989-12-04

GH	Discharge
1.2	19
1.3	26
1.5	42
1.6	50.4
1.7	59
1.8	68
1.9	77.2
2	86.6
2.1	96.2
2.2	106
2.9	176
3.3	220
3.4	232
3.5	245
3.6	260
3.7	277
3.8	296
3.9	317
4	340
4.1	364
4.2	391
4.4	447
4.5	476

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

*****:

Stage Discharge Table No: 23.00 10/29/2013 13:17

period of use: 1990-01-01 00:00:00 to 1991-05-13 23:59:59.

remarks:

date created: 1990-12-19

GH	Discharge
1.2	13
1.3	21
1.5	38
1.6	47.2
1.7	56.8
1.8	66.8
1.9	77.4
2	88.2
2.1	100
2.3	124
2.6	163
2.8	191
3.2	251
3.3	267
3.4	284
3.6	320
3.7	339
4	399
4.3	462
4.4	484
4.5	508
4.9	608
5	634
5.2	686
5.4	740

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 24.00 10/29/2013 13:17

period of use: 1991-05-14 00:00:00 to 1991-12-31 23:59:59.

remarks:

date created: 1991-11-25

GH	Discharge
1.2	13
1.3	21
1.5	38
1.6	47.2
1.7	56.8
1.8	66.7
1.9	76.8
2	87
2.1	97.4
2.2	108
2.3	119
2.5	139
2.6	150
2.8	170
2.9	181
3	191
3.2	213
3.3	225
3.4	238
3.6	266
3.7	283
3.8	302
3.9	324
4	347
4.1	371
4.4	449
4.8	561
5	619
5.4	735

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 25.00 10/29/2013 13:18

period of use: 1992-01-01 00:00:00 to 1992-08-15 23:59:59.

remarks:

date created: 1992-11-19

GH	Discharge
1.2	29.5
1.4	47.5
1.5	56.7
1.6	66
1.9	94.2
2	104
2.1	113
3.1	213
3.4	246
3.6	270
3.8	298
3.9	318
4	340
4.1	364
4.2	390
4.6	498
4.7	526
4.9	584
5.2	674
5.4	736

Approved by:

Date

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 26.00 10/29/2013 13:18

period of use: 1992-08-16 00:00:00 to 1993-12-31 23:59:59.

remarks:

date created: 1992-11-19

GH	Discharge
1.2	17.5
1.3	24.5
1.4	32
1.6	48
1.7	56.2
1.8	65
1.9	74
2	83.2
2.1	92.7
2.2	102
2.5	132
3.3	220
3.4	232
3.5	245
3.6	260
3.7	277
3.8	296
3.9	317
4	340
4.1	364
4.2	390
4.6	498
4.7	526
4.9	584
5.2	674
5.4	736

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 27.00 10/29/2013 13:18

period of use: 1994-01-01 00:00:00 to 1994-07-25 23:59:59.

remarks:

date created: 1994-11-28

GH	Discharge
1.26	21.4
1.301	24.3
1.37	29.5
1.49	39
1.56	44.9
1.58	46.6
1.631	51.7
1.7	58.9
1.801	69.9
1.87	77.8
2.01	94.5
2.116	108
2.327	134
2.462	151
2.597	169
2.677	180
2.782	195
2.962	222
3.058	237
3.218	263
3.312	279
3.478	308
3.582	327
3.668	343
3.768	362
4.09	426
4.318	475
4.418	497
4.599	538
4.711	564
4.882	605
5.041	644
5.171	677
5.261	700
5.279	706
5.431	757
5.541	795
5.701	852
5.821	896
6	964

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 28.00 10/29/2013 13:19

period of use: 1994-07-28 00:00:00 to 1994-12-31 23:59:59.

remarks:

date created: 1994-11-28

GH	Discharge
1.26	21.4
1.301	24.3
1.37	29.5
1.49	39
1.56	44.9
1.649	52.6
1.791	65.3
1.86	71.8
1.99	84.3
2.131	98.3
2.208	106
2.475	135
2.593	148
2.743	165
2.906	184
3.123	210
3.326	235
3.492	256
3.717	285
3.762	291
3.776	293
3.828	304
3.908	322
4.041	353
4.181	387
4.299	417
4.409	446
4.509	473
4.588	495
4.718	532
4.99	613
5.141	661
5.279	706
5.431	757
5.541	795
5.701	852
5.821	896
6	964

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 29.00 10/29/2013 13:19

period of use: 1995-01-01 00:00:00 to 1996-01-01 00:00:00.

remarks:

date created: 1996-02-26

GH	Discharge
1.2	17.3
1.3	24.5
1.4	32
1.5	40.5
1.6	50.5
1.7	62
1.8	74.4
2	99.4
2.1	112
2.4	151
2.8	207
2.9	222
3.4	302
3.7	353
3.9	389
4	408
4.2	450
4.4	494
4.6	540
4.9	612
5.2	687
5.3	714
5.6	813

Approved by:

Date:

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 30.00 10/29/2013 13:20

period of use: 1996-01-01 00:01:00 to 1998-01-01 00:00:59.

remarks:

date created: 1996-01-01

GH	Discharge
1.26	21.4
1.301	24.3
1.37	29.5
1.49	39
1.56	44.9
1.58	46.6
1.631	51.7
1.7	58.9
1.801	69.9
1.87	77.8
2.01	94.5
2.116	108
2.327	134
2.462	151
2.597	169
2.677	180
2.782	195
2.962	222
3.058	237
3.218	263
3.312	279
3.478	308
3.582	327
3.668	343
3.768	362
4.09	426
4.318	475
4.418	497
4.599	538
4.711	564
4.882	605
5.041	644
5.171	677
5.261	700
5.279	706
5.431	757
5.543	795
5.701	852
5.821	896
6	964

Approved by:

Date

Station no: 08JC001 NECHAKO RIVER AT VANDERHOOF

Stage Discharge Table No: 31.00

10/29/2013 13:20

period of u open ended

remarks:

date created: 1999-05-04

GH	Discharge
1.2	17.3
1.3	24.5
1.4	32
1.5	40.5
1.6	50.5
1.7	62
1.8	74.4
2	99.4
2.1	112
2.4	151
2.5	165
2.8	207
2.9	222
3.4	302
3.7	353
3.9	389
4	408
4.2	450
4.4	494
4.6	540
4.7	564
5.2	688
5.3	714
5.6	806

Approved by:

Date:

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:05 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 32.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/22/2005 @ 09:33:22 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: coincident to table 31 at and above 4.00m

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
1.2	18.0*	18.1	18.1	18.2	18.3	18.3	18.4	18.4	18.5	18.6	0.6
1.21	18.6	18.7	18.8	18.8	18.9	18.9	19	19.1	19.1	19.2	0.7
1.22	19.3	19.3	19.4	19.4	19.5	19.6	19.6	19.7	19.8	19.8	0.6
1.23	19.9	20	20	20.1	20.1	20.2	20.3	20.3	20.4	20.5	0.6
1.24	20.5	20.6	20.6	20.7	20.8	20.8	20.9	21	21	21.1	0.7
1.25	21.2	21.2	21.3	21.3	21.4	21.5	21.5	21.6	21.7	21.7	0.6
1.26	21.8	21.8	21.9	22	22	22.1	22.2	22.2	22.3	22.3	0.6
1.27	22.4	22.5	22.5	22.6	22.7	22.7	22.8	22.9	22.9	23	0.6
1.28	23	23.1	23.2	23.2	23.3	23.4	23.4	23.5	23.5	23.6	0.7
1.29	23.7	23.7	23.8	23.9	23.9	24	24	24.1	24.2	24.2	0.6
1.3	24.3*	24.4	24.4	24.5	24.6	24.6	24.7	24.8	24.8	24.9	0.7
1.31	25	25	25.1	25.2	25.2	25.3	25.4	25.4	25.5	25.6	0.7
1.32	25.7	25.7	25.8	25.9	25.9	26	26.1	26.1	26.2	26.3	0.6
1.33	26.3	26.4	26.5	26.5	26.6	26.7	26.7	26.8	26.9	26.9	0.7
1.34	27	27.1	27.1	27.2	27.3	27.3	27.4	27.5	27.5	27.6	0.7
1.35	27.7	27.7	27.8	27.9	27.9	28	28.1	28.1	28.2	28.3	0.7
1.36	28.4	28.4	28.5	28.6	28.6	28.7	28.8	28.8	28.9	29	0.6

1.37	29	29.1	29.2	29.2	29.3	29.4	29.4	29.5	29.6	29.6	0.7
1.38	29.7	29.8	29.8	29.9	30	30	30.1	30.2	30.2	30.3	0.7
1.39	30.4	30.4	30.5	30.6	30.6	30.7	30.8	30.8	30.9	31	0.7
1.4	31.1*	31.1	31.2	31.3	31.4	31.4	31.5	31.6	31.7	31.7	0.7
1.41	31.8	31.9	32	32	32.1	32.2	32.3	32.4	32.4	32.5	0.8
1.42	32.6	32.7	32.7	32.8	32.9	33	33	33.1	33.2	33.3	0.7
1.43	33.3	33.4	33.5	33.6	33.7	33.7	33.8	33.9	34	34	0.8
1.44	34.1	34.2	34.3	34.3	34.4	34.5	34.6	34.6	34.7	34.8	0.8
1.45	34.9	35	35	35.1	35.2	35.3	35.3	35.4	35.5	35.6	0.7
1.46	35.6	35.7	35.8	35.9	35.9	36	36.1	36.2	36.3	36.3	0.8
1.47	36.4	36.5	36.6	36.6	36.7	36.8	36.9	36.9	37	37.1	0.8
1.48	37.2	37.2	37.3	37.4	37.5	37.6	37.6	37.7	37.8	37.9	0.7
1.49	37.9	38	38.1	38.2	38.2	38.3	38.4	38.5	38.5	38.6	0.8
1.5	38.7*	38.8	38.9	38.9	39	39.1	39.2	39.3	39.3	39.4	0.8
1.51	39.5	39.6	39.7	39.8	39.8	39.9	40	40.1	40.2	40.2	0.8
1.52	40.3	40.4	40.5	40.6	40.6	40.7	40.8	40.9	41	41	0.8
1.53	41.1	41.2	41.3	41.4	41.5	41.5	41.6	41.7	41.8	41.9	0.8
1.54	41.9	42	42.1	42.2	42.3	42.3	42.4	42.5	42.6	42.7	0.9
1.55	42.8	42.8	42.9	43	43.1	43.2	43.2	43.3	43.4	43.5	0.8
1.56	43.6	43.6	43.7	43.8	43.9	44	44	44.1	44.2	44.3	0.8
1.57	44.4	44.5	44.5	44.6	44.7	44.8	44.9	44.9	45	45.1	0.8
1.58	45.2	45.3	45.3	45.4	45.5	45.6	45.7	45.7	45.8	45.9	0.8
1.59	46	46.1	46.2	46.2	46.3	46.4	46.5	46.6	46.6	46.7	0.8

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:05 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 32.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/22/2005 @ 09:33:22 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: coincident to table 31 at and above 4.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
1.6	46.8*	46.9	47	47.1	47.1	47.2	47.3	47.4	47.5	47.6	0.9
1.61	47.7	47.7	47.8	47.9	48	48.1	48.2	48.3	48.3	48.4	0.8
1.62	48.5	48.6	48.7	48.8	48.9	48.9	49	49.1	49.2	49.3	0.9
1.63	49.4	49.5	49.5	49.6	49.7	49.8	49.9	50	50	50.1	0.8
1.64	50.2	50.3	50.4	50.5	50.6	50.6	50.7	50.8	50.9	51	0.9
1.65	51.1	51.2	51.2	51.3	51.4	51.5	51.6	51.7	51.8	51.8	0.8
1.66	51.9	52	52.1	52.2	52.3	52.4	52.4	52.5	52.6	52.7	0.9
1.67	52.8	52.9	53	53	53.1	53.2	53.3	53.4	53.5	53.6	0.8
1.68	53.6	53.7	53.8	53.9	54	54.1	54.2	54.2	54.3	54.4	0.9
1.69	54.5	54.6	54.7	54.8	54.8	54.9	55	55.1	55.2	55.3	0.9
1.7	55.4*	55.4	55.5	55.6	55.7	55.8	55.9	56	56.1	56.2	0.9
1.71	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57	57.1	57.1	0.9
1.72	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58	58.1	1
1.73	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.8	58.9	59	0.9
1.74	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60	1
1.75	60.1	60.2	60.3	60.4	60.5	60.5	60.6	60.7	60.8	60.9	0.9
1.76	61	61.1	61.2	61.3	61.4	61.5	61.6	61.7	61.8	61.9	1
1.77	62	62.1	62.2	62.2	62.3	62.4	62.5	62.6	62.7	62.8	0.9
1.78	62.9	63	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	1
1.79	63.9	63.9	64	64.1	64.2	64.3	64.4	64.5	64.6	64.7	0.9
1.8	64.8*	64.9	65	65.1	65.2	65.3	65.4	65.5	65.6	65.7	1
1.81	65.8	65.9	66	66.1	66.2	66.3	66.4	66.5	66.6	66.7	1
1.82	66.8	66.9	67	67.1	67.2	67.3	67.4	67.5	67.6	67.7	1
1.83	67.8	67.9	68	68.1	68.2	68.3	68.4	68.5	68.6	68.7	1

1.84	68.8	68.9	69	69.1	69.2	69.3	69.4	69.5	69.6	69.7	1
1.85	69.8	69.8	69.9	70	70.1	70.2	70.3	70.4	70.5	70.6	0.9
1.86	70.7	70.8	70.9	71	71.1	71.2	71.3	71.4	71.5	71.6	1
1.87	71.7	71.8	71.9	72	72.1	72.2	72.3	72.4	72.5	72.6	1
1.88	72.7	72.8	72.9	73	73.1	73.2	73.3	73.4	73.5	73.6	1
1.89	73.7	73.8	73.9	74	74.1	74.2	74.3	74.4	74.5	74.6	1
1.9	74.7*	74.8	74.9	75	75.1	75.2	75.3	75.4	75.6	75.7	1.1
1.91	75.8	75.9	76	76.1	76.2	76.3	76.4	76.5	76.6	76.7	1
1.92	76.8	76.9	77	77.1	77.3	77.4	77.5	77.6	77.7	77.8	1.1
1.93	77.9	78	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	1.1
1.94	79	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	1
1.95	80	80.1	80.2	80.3	80.4	80.6	80.7	80.8	80.9	81	1.1
1.96	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82	1
1.97	82.1	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83	83.1	1.1
1.98	83.2	83.3	83.4	83.5	83.6	83.7	83.9	84	84.1	84.2	1.1
1.99	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85	85.1	85.2	1

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:26:05 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 32.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/22/2005 @ 09:33:22 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: coincident to table 31 at and above 4.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER									
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009

2.77	186	186	186	186	186	186	187	187	187	187	1
2.78	187	187	188	188	188	188	188	188	188	189	2
2.79	189	189	189	189	189	190	190	190	190	190	1

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:26:05 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 32.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/22/2005 @ 09:33:22 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: coincident to table 31 at and above 4.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
2.8	190*	191	191	191	191	191	191	191	192	192	2
2.81	192	192	192	192	193	193	193	193	193	193	2
2.82	194	194	194	194	194	194	194	195	195	195	1
2.83	195	195	195	196	196	196	196	196	196	196	2
2.84	197	197	197	197	197	197	198	198	198	198	1
2.85	198	198	199	199	199	199	199	199	199	200	2
2.86	200	200	200	200	200	201	201	201	201	201	1
2.87	201	202	202	202	202	202	202	202	203	203	2
2.88	203	203	203	203	204	204	204	204	204	204	2
2.89	205	205	205	205	205	205	205	206	206	206	1
2.9	206*	206	206	207	207	207	207	207	207	208	2
2.91	208	208	208	208	208	209	209	209	209	209	1
2.92	209	210	210	210	210	210	210	210	211	211	2

2.93	211	211	211	211	212	212	212	212	212	212	2
2.94	213	213	213	213	213	213	214	214	214	214	1
2.95	214	214	215	215	215	215	215	215	215	216	2
2.96	216	216	216	216	216	217	217	217	217	217	1
2.97	217	218	218	218	218	218	218	219	219	219	2
2.98	219	219	219	220	220	220	220	220	220	221	2
2.99	221	221	221	221	221	221	222	222	222	222	1
3	222*	222	223	223	223	223	223	224	224	224	2
3.01	224	224	224	225	225	225	225	225	225	226	2
3.02	226	226	226	226	227	227	227	227	227	227	2
3.03	228	228	228	228	228	228	229	229	229	229	1
3.04	229	229	230	230	230	230	230	231	231	231	2
3.05	231	231	231	232	232	232	232	232	232	233	2
3.06	233	233	233	233	234	234	234	234	234	234	2
3.07	235	235	235	235	235	235	236	236	236	236	1
3.08	236	237	237	237	237	237	237	238	238	238	2
3.09	238	238	238	239	239	239	239	239	239	240	2
3.1	240*	240	240	240	241	241	241	241	241	241	2
3.11	242	242	242	242	242	242	243	243	243	243	1
3.12	243	244	244	244	244	244	244	245	245	245	2
3.13	245	245	245	246	246	246	246	246	247	247	2
3.14	247	247	247	247	248	248	248	248	248	248	2
3.15	249	249	249	249	249	250	250	250	250	250	1
3.16	250	251	251	251	251	251	251	252	252	252	2
3.17	252	252	252	253	253	253	253	253	254	254	2
3.18	254	254	254	254	255	255	255	255	255	255	2
3.19	256	256	256	256	256	257	257	257	257	257	1

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:05 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 32.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/22/2005 @ 09:33:22 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: coincident to table 31 at and above 4.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
3.2	257*	258	258	258	258	258	258	259	259	259	2
3.21	259	259	260	260	260	260	260	260	261	261	2
3.22	261	261	261	262	262	262	262	262	262	263	2
3.23	263	263	263	263	264	264	264	264	264	264	2
3.24	265	265	265	265	265	266	266	266	266	266	1
3.25	266	267	267	267	267	267	267	268	268	268	2
3.26	268	268	269	269	269	269	269	269	270	270	2
3.27	270	270	270	271	271	271	271	271	271	272	2
3.28	272	272	272	272	273	273	273	273	273	273	2
3.29	274	274	274	274	274	275	275	275	275	275	1
3.3	275*	276	276	276	276	276	276	277	277	277	2
3.31	277	277	278	278	278	278	278	278	279	279	2
3.32	279	279	279	280	280	280	280	280	280	281	2
3.33	281	281	281	281	282	282	282	282	282	282	2
3.34	283	283	283	283	283	284	284	284	284	284	1
3.35	284	285	285	285	285	285	285	286	286	286	2
3.36	286	286	287	287	287	287	287	287	288	288	2
3.37	288	288	288	289	289	289	289	289	289	290	2
3.38	290	290	290	290	291	291	291	291	291	291	2
3.39	292	292	292	292	292	293	293	293	293	293	1

3.4	293*	294	294	294	294	294	295	295	295	295	2
3.41	295	295	296	296	296	296	296	297	297	297	2
3.42	297	297	297	298	298	298	298	298	299	299	2
3.43	299	299	299	299	300	300	300	300	300	301	2
3.44	301	301	301	301	302	302	302	302	302	302	2
3.45	303	303	303	303	303	304	304	304	304	304	1
3.46	304	305	305	305	305	305	306	306	306	306	2
3.47	306	306	307	307	307	307	307	308	308	308	2
3.48	308	308	309	309	309	309	309	309	310	310	2
3.49	310	310	310	311	311	311	311	311	311	312	2
3.5	312*	312	312	312	313	313	313	313	313	314	2
3.51	314	314	314	314	314	315	315	315	315	315	2
3.52	316	316	316	316	316	317	317	317	317	317	2
3.53	318	318	318	318	318	318	319	319	319	319	1
3.54	319	320	320	320	320	320	321	321	321	321	2
3.55	321	321	322	322	322	322	322	323	323	323	2
3.56	323	323	324	324	324	324	324	325	325	325	2
3.57	325	325	325	326	326	326	326	326	327	327	2
3.58	327	327	327	328	328	328	328	328	328	329	2
3.59	329	329	329	329	330	330	330	330	330	331	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:05 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 32.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/22/2005 @ 09:33:22 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: coincident to table 31 at and above 4.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
3.6	331*	331	331	331	332	332	332	332	332	332	2
3.61	333	333	333	333	333	334	334	334	334	334	2
3.62	335	335	335	335	335	336	336	336	336	336	2
3.63	337	337	337	337	337	338	338	338	338	338	1
3.64	338	339	339	339	339	339	340	340	340	340	2
3.65	340	341	341	341	341	341	342	342	342	342	2
3.66	342	343	343	343	343	343	344	344	344	344	2
3.67	344	344	345	345	345	345	345	346	346	346	2
3.68	346	346	347	347	347	347	347	348	348	348	2
3.69	348	348	349	349	349	349	349	350	350	350	2
3.7	350*	350	350	351	351	351	351	351	352	352	2
3.71	352	352	352	353	353	353	353	353	354	354	2
3.72	354	354	354	355	355	355	355	355	356	356	2
3.73	356	356	356	357	357	357	357	357	357	358	2
3.74	358	358	358	358	359	359	359	359	359	360	2
3.75	360	360	360	360	361	361	361	361	361	362	2
3.76	362	362	362	362	363	363	363	363	363	363	2
3.77	364	364	364	364	364	365	365	365	365	365	2
3.78	366	366	366	366	366	367	367	367	367	367	2
3.79	368	368	368	368	368	369	369	369	369	369	2
3.8	370	370	370	370	370	370	371	371	371	371	1
3.81	371	372	372	372	372	372	373	373	373	373	2
3.82	373	374	374	374	374	374	375	375	375	375	2
3.83	375	376	376	376	376	376	376	377	377	377	2
3.84	377	377	378	378	378	378	378	379	379	379	2
3.85	379	379	380	380	380	380	380	381	381	381	2

3.86	381	381	382	382	382	382	382	382	383	383	2
3.87	383	383	383	384	384	384	384	384	385	385	2
3.88	385	385	385	386	386	386	386	386	387	387	2
3.89	387	387	387	388	388	388	388	388	389	389	2
3.9	389*	389	389	389	390	390	390	390	390	391	2
3.91	391	391	391	391	392	392	392	392	392	393	2
3.92	393	393	393	393	394	394	394	394	394	395	2
3.93	395	395	395	395	396	396	396	396	396	397	2
3.94	397	397	397	397	398	398	398	398	398	399	2
3.95	399	399	399	399	399	400	400	400	400	400	2
3.96	401	401	401	401	401	402	402	402	402	402	2
3.97	403	403	403	403	403	404	404	404	404	404	2
3.98	405	405	405	405	405	406	406	406	406	406	2
3.99	407	407	407	407	407	408	408	408	408	408	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:26:05 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 32.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/22/2005 @ 09:33:22 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: coincident to table 31 at and above 4.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
4	409*	409	409	409	409	410	410	410	410	410	2
4.01	411	411	411	411	411	412	412	412	412	412	2

4.02	413	413	413	413	413	414	414	414	414	415	2
4.03	415	415	415	415	416	416	416	416	416	417	2
4.04	417	417	417	417	418	418	418	418	418	419	2
4.05	419	419	419	419	420	420	420	420	421	421	2
4.06	421	421	421	422	422	422	422	422	423	423	2
4.07	423	423	423	424	424	424	424	424	425	425	2
4.08	425	425	426	426	426	426	426	427	427	427	2
4.09	427	427	428	428	428	428	428	429	429	429	2
4.1	429	429	430	430	430	430	430	431	431	431	2
4.11	431	432	432	432	432	432	433	433	433	433	2
4.12	433	434	434	434	434	434	435	435	435	435	2
4.13	435	436	436	436	436	437	437	437	437	437	3
4.14	438	438	438	438	438	439	439	439	439	439	2
4.15	440	440	440	440	440	441	441	441	441	441	2
4.16	442	442	442	442	443	443	443	443	443	444	2
4.17	444	444	444	444	445	445	445	445	445	446	2
4.18	446	446	446	446	447	447	447	447	448	448	2
4.19	448	448	448	449	449	449	449	449	450	450	2
4.2	450*	450	450	451	451	451	451	452	452	452	2
4.21	452	452	453	453	453	453	454	454	454	454	2
4.22	454	455	455	455	455	456	456	456	456	456	3
4.23	457	457	457	457	457	458	458	458	458	459	2
4.24	459	459	459	459	460	460	460	460	461	461	2
4.25	461	461	461	462	462	462	462	463	463	463	2
4.26	463	463	464	464	464	464	465	465	465	465	2
4.27	465	466	466	466	466	467	467	467	467	467	3
4.28	468	468	468	468	468	469	469	469	469	470	2
4.29	470	470	470	470	471	471	471	471	472	472	2
4.3	472	472	472	473	473	473	473	474	474	474	2
4.31	474	474	475	475	475	475	476	476	476	476	2
4.32	476	477	477	477	477	478	478	478	478	478	3

4.33	479	479	479	479	479	480	480	480	480	481	2
4.34	481	481	481	481	482	482	482	482	482	483	2
4.35	483	483	483	484	484	484	484	485	485	485	2
4.36	485	485	486	486	486	486	487	487	487	487	2
4.37	487	488	488	488	488	489	489	489	489	489	3
4.38	490	490	490	490	490	491	491	491	491	492	2
4.39	492	492	492	492	493	493	493	493	494	494	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:26:05 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 32.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/22/2005 @ 09:33:22 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: coincident to table 31 at and above 4.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
4.4	494*	494	494	495	495	495	495	496	496	496	2
4.41	496	497	497	497	497	497	498	498	498	498	3
4.42	499	499	499	499	500	500	500	500	500	501	2
4.43	501	501	501	502	502	502	502	503	503	503	2
4.44	503	503	504	504	504	504	505	505	505	505	3
4.45	506	506	506	506	506	507	507	507	507	508	2
4.46	508	508	508	508	509	509	509	509	510	510	2
4.47	510	510	511	511	511	511	511	512	512	512	2
4.48	512	513	513	513	513	514	514	514	514	514	3

4.49	515	515	515	515	516	516	516	516	517	517	2
4.5	517	517	517	518	518	518	518	519	519	519	2
4.51	519	520	520	520	520	520	521	521	521	521	3
4.52	522	522	522	522	523	523	523	523	523	524	2
4.53	524	524	524	525	525	525	525	526	526	526	2
4.54	526	526	527	527	527	527	528	528	528	528	3
4.55	529	529	529	529	529	530	530	530	530	531	2
4.56	531	531	531	531	532	532	532	532	533	533	2
4.57	533	533	534	534	534	534	534	535	535	535	2
4.58	535	536	536	536	536	537	537	537	537	537	3
4.59	538	538	538	538	539	539	539	539	540	540	2
4.6	540*	540	540	541	541	541	541	542	542	542	2
4.61	542	543	543	543	543	544	544	544	544	545	3
4.62	545	545	545	546	546	546	546	546	547	547	2
4.63	547	547	548	548	548	548	549	549	549	549	3
4.64	550	550	550	550	551	551	551	551	552	552	2
4.65	552	552	552	553	553	553	553	554	554	554	2
4.66	554	555	555	555	555	556	556	556	556	557	3
4.67	557	557	557	558	558	558	558	558	559	559	2
4.68	559	559	560	560	560	560	561	561	561	561	3
4.69	562	562	562	562	563	563	563	563	564	564	2
4.7	564*	564	564	565	565	565	565	566	566	566	2
4.71	566	567	567	567	567	568	568	568	568	569	3
4.72	569	569	569	570	570	570	570	571	571	571	2
4.73	571	572	572	572	572	573	573	573	573	574	3
4.74	574	574	574	575	575	575	575	576	576	576	2
4.75	576	577	577	577	577	578	578	578	578	579	3
4.76	579	579	579	580	580	580	580	581	581	581	2
4.77	581	582	582	582	582	583	583	583	583	584	3
4.78	584	584	584	585	585	585	585	586	586	586	2
4.79	586	587	587	587	587	588	588	588	588	589	3

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:26:05 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 32.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/22/2005 @ 09:33:22 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: coincident to table 31 at and above 4.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
4.8	589	589	589	590	590	590	590	591	591	591	2
4.81	591	592	592	592	592	593	593	593	593	594	3
4.82	594	594	594	595	595	595	595	595	596	596	2
4.83	596	596	597	597	597	597	598	598	598	598	3
4.84	599	599	599	599	600	600	600	600	601	601	2
4.85	601	601	602	602	602	602	603	603	603	603	3
4.86	604	604	604	604	605	605	605	605	606	606	2
4.87	606	606	607	607	607	607	608	608	608	608	3
4.88	609	609	609	609	610	610	610	610	611	611	2
4.89	611	611	612	612	612	612	613	613	613	613	3
4.9	614	614	614	614	615	615	615	615	616	616	2
4.91	616	616	617	617	617	617	618	618	618	618	3
4.92	619	619	619	619	620	620	620	620	621	621	2
4.93	621	621	622	622	622	622	623	623	623	623	3
4.94	624	624	624	624	625	625	625	625	626	626	2

4.95	626	626	626	627	627	627	627	628	628	628	2
4.96	628	629	629	629	629	630	630	630	630	631	3
4.97	631	631	631	632	632	632	632	633	633	633	2
4.98	633	634	634	634	634	635	635	635	635	636	3
4.99	636	636	636	637	637	637	637	638	638	638	2
5	638	639	639	639	639	640	640	640	640	641	3
5.01	641	641	641	642	642	642	642	643	643	643	2
5.02	643	644	644	644	644	645	645	645	645	646	3
5.03	646	646	646	647	647	647	647	648	648	648	2
5.04	648	649	649	649	649	650	650	650	650	651	3
5.05	651	651	651	652	652	652	652	653	653	653	2
5.06	653	654	654	654	654	655	655	655	655	656	3
5.07	656	656	656	657	657	657	657	657	658	658	2
5.08	658	658	659	659	659	659	660	660	660	660	3
5.09	661	661	661	661	662	662	662	662	663	663	2
5.1	663	663	664	664	664	664	665	665	665	665	3
5.11	666	666	666	666	667	667	667	667	668	668	2
5.12	668	668	669	669	669	669	670	670	670	670	3
5.13	671	671	671	671	672	672	672	672	673	673	2
5.14	673	673	674	674	674	674	675	675	675	675	3
5.15	676	676	676	676	677	677	677	677	678	678	2
5.16	678	678	679	679	679	679	680	680	680	680	3
5.17	681	681	681	681	682	682	682	682	683	683	2
5.18	683	683	684	684	684	684	685	685	685	685	3
5.19	686	686	686	686	687	687	687	687	688	688	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:05 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 32.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/22/2005 @ 09:33:22 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: coincident to table 31 at and above 4.00m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
5.2	688*	688	689	689	689	689	690	690	690	690	3
5.21	691	691	691	691	692	692	692	692	693	693	2
5.22	693	693	694	694	694	695	695	695	695	696	3
5.23	696	696	696	697	697	697	697	698	698	698	2
5.24	698	699	699	699	699	700	700	700	700	701	3
5.25	701	701	702	702	702	702	703	703	703	703	3
5.26	704	704	704	704	705	705	705	705	706	706	2
5.27	706	706	707	707	707	708	708	708	708	709	3
5.28	709	709	709	710	710	710	710	711	711	711	2
5.29	711	712	712	712	712	713	713	713	713	714	3
5.3	714*	714	715	715	715	716	716	716	716	717	3
5.31	717	717	718	718	718	719	719	719	720	720	3
5.32	720	720	721	721	721	722	722	722	723	723	3
5.33	723	724	724	724	724	725	725	725	726	726	3
5.34	726	727	727	727	727	728	728	728	729	729	3
5.35	729	730	730	730	731	731	731	731	732	732	3
5.36	732	733	733	733	734	734	734	735	735	735	3
5.37	735	736	736	736	737	737	737	738	738	738	4
5.38	739	739	739	739	740	740	740	741	741	741	3
5.39	742	742	742	743	743	743	743	744	744	744	3
5.4	745	745	745	746	746	746	747	747	747	747	3
5.41	748	748	748	749	749	749	750	750	750	750	3

5.42	751	751	751	752	752	752	753	753	753	754	3
5.43	754	754	754	755	755	755	756	756	756	757	3
5.44	757	757	758	758	758	758	759	759	759	760	3
5.45	760	760	761	761	761	762	762	762	762	763	3
5.46	763	763	764	764	764	765	765	765	766	766	3
5.47	766	766	767	767	767	768	768	768	769	769	3
5.48	769	770	770	770	770	771	771	771	772	772	3
5.49	772	773	773	773	773	774	774	774	775	775	3
5.5	775	776	776	776	777	777	777	777	778	778	3
5.51	778	779	779	779	780	780	780	781	781	781	3
5.52	781	782	782	782	783	783	783	784	784	784	4
5.53	785	785	785	785	786	786	786	787	787	787	3
5.54	788	788	788	789	789	789	789	790	790	790	3
5.55	791	791	791	792	792	792	793	793	793	793	3
5.56	794	794	794	795	795	795	796	796	796	796	3
5.57	797	797	797	798	798	798	799	799	799	800	3
5.58	800	800	800	801	801	801	802	802	802	803	3
5.59	803	803	804	804	804	804	805	805	805	806	3

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:05 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 32.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/22/2005 @ 09:33:22 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: coincident to table 31 at and above 4.00m

EXPANDED RATING TABLE

Discharge (m³/s)

DIFF IN Q PER

	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
5.6	806*	806	807	807	807	808	808	808	809	809	3
5.61	809	810	810	810	811	811	811	812	812	812	4
5.62	813	813	813	814	814	815	815	815	816	816	3
5.63	816	817	817	817	818	818	818	819	819	819	4
5.64	820	820	820	821	821	821	822	822	822	823	3
5.65	823	823	824	824	824	825	825	825	826	826	3
5.66	826	827	827	827	828	828	828	829	829	829	4
5.67	830	830	830	831	831	832	832	832	833	833	3
5.68	833	834	834	834	835	835	835	836	836	836	4
5.69	837	837	837	838	838	838	839	839	839	840	3
5.7	840*	840	841	841	841	842	842	842	843	843	3
5.71	843	844	844	844	845	845	845	846	846	846	4
5.72	847	847	847	848	848	849	849	849	850	850	3
5.73	850	851	851	851	852	852	852	853	853	853	4
5.74	854	854	854	855	855	855	856	856	856	857	3
5.75	857	857	858	858	858	859	859	859	860	860	3
5.76	860	861	861	861	862	862	862	863	863	863	4
5.77	864	864	864	865	865	866	866	866	867	867	3
5.78	867	868	868	868	869	869	869	870	870	870	4
5.79	871	871	871	872	872	872	873	873	873	874	3
5.8	874*										

* indicates a rating descriptor point

ID	Starting Date	Ending Aging	Comments
32	03/21/2005 09:33:22 PST	06/05/200	4
32	09/05/2006 10:11:00 PST	06/13/200	4
32	08/09/2007 23:59:59 PST	01/01/200	4

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:52 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 33.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/01/2008 @ 11:25:36 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: coincident to table 32 at and above 3.500 m

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
1.2	18.0*	18.1	18.1	18.2	18.3	18.3	18.4	18.5	18.5	18.6	0.7
1.21	18.7	18.7	18.8	18.9	19	19	19.1	19.2	19.2	19.3	0.7
1.22	19.4	19.4	19.5	19.6	19.6	19.7	19.8	19.8	19.9	20	0.6
1.23	20	20.1	20.2	20.2	20.3	20.4	20.4	20.5	20.6	20.7	0.7
1.24	20.7	20.8	20.9	20.9	21	21.1	21.1	21.2	21.3	21.3	0.7
1.25	21.4	21.5	21.5	21.6	21.7	21.7	21.8	21.9	21.9	22	0.7
1.26	22.1	22.1	22.2	22.3	22.4	22.4	22.5	22.6	22.6	22.7	0.7
1.27	22.8	22.8	22.9	23	23	23.1	23.2	23.2	23.3	23.4	0.6
1.28	23.4	23.5	23.6	23.6	23.7	23.8	23.8	23.9	24	24.1	0.7
1.29	24.1	24.2	24.3	24.3	24.4	24.5	24.5	24.6	24.7	24.7	0.7
1.3	24.8*	24.9	24.9	25	25.1	25.2	25.2	25.3	25.4	25.5	0.7
1.31	25.5	25.6	25.7	25.8	25.8	25.9	26	26.1	26.1	26.2	0.8
1.32	26.3	26.4	26.4	26.5	26.6	26.7	26.7	26.8	26.9	26.9	0.7
1.33	27	27.1	27.2	27.2	27.3	27.4	27.5	27.5	27.6	27.7	0.8
1.34	27.8	27.8	27.9	28	28.1	28.1	28.2	28.3	28.4	28.4	0.7
1.35	28.5	28.6	28.6	28.7	28.8	28.9	28.9	29	29.1	29.2	0.7
1.36	29.2	29.3	29.4	29.5	29.5	29.6	29.7	29.8	29.8	29.9	0.8
1.37	30	30.1	30.1	30.2	30.3	30.4	30.4	30.5	30.6	30.6	0.7
1.38	30.7	30.8	30.9	30.9	31	31.1	31.2	31.2	31.3	31.4	0.8
1.39	31.5	31.5	31.6	31.7	31.8	31.8	31.9	32	32.1	32.1	0.7

1.4	32.2*	32.3	32.4	32.4	32.5	32.6	32.7	32.7	32.8	32.9	0.8
1.41	33	33.1	33.1	33.2	33.3	33.4	33.4	33.5	33.6	33.7	0.8
1.42	33.8	33.8	33.9	34	34.1	34.2	34.2	34.3	34.4	34.5	0.7
1.43	34.5	34.6	34.7	34.8	34.9	34.9	35	35.1	35.2	35.2	0.8
1.44	35.3	35.4	35.5	35.6	35.6	35.7	35.8	35.9	35.9	36	0.8
1.45	36.1	36.2	36.3	36.3	36.4	36.5	36.6	36.6	36.7	36.8	0.8
1.46	36.9	37	37	37.1	37.2	37.3	37.3	37.4	37.5	37.6	0.8
1.47	37.7	37.7	37.8	37.9	38	38.1	38.1	38.2	38.3	38.4	0.7
1.48	38.4	38.5	38.6	38.7	38.8	38.8	38.9	39	39.1	39.1	0.8
1.49	39.2	39.3	39.4	39.5	39.5	39.6	39.7	39.8	39.8	39.9	0.8
1.5	40.0*	40.1	40.2	40.3	40.3	40.4	40.5	40.6	40.7	40.8	0.8
1.51	40.8	40.9	41	41.1	41.2	41.3	41.3	41.4	41.5	41.6	0.9
1.52	41.7	41.8	41.8	41.9	42	42.1	42.2	42.3	42.4	42.4	0.8
1.53	42.5	42.6	42.7	42.8	42.9	42.9	43	43.1	43.2	43.3	0.9
1.54	43.4	43.4	43.5	43.6	43.7	43.8	43.9	43.9	44	44.1	0.8
1.55	44.2	44.3	44.4	44.5	44.5	44.6	44.7	44.8	44.9	45	0.8
1.56	45	45.1	45.2	45.3	45.4	45.5	45.5	45.6	45.7	45.8	0.9
1.57	45.9	46	46	46.1	46.2	46.3	46.4	46.5	46.6	46.6	0.8
1.58	46.7	46.8	46.9	47	47.1	47.1	47.2	47.3	47.4	47.5	0.9
1.59	47.6	47.6	47.7	47.8	47.9	48	48.1	48.1	48.2	48.3	0.8

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:52 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 33.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/01/2008 @ 11:25:36 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: coincident to table 32 at and above 3.500 m

EXPANDED RATING TABLE

Discharge (m³/s)

DIFF IN Q PER

	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
1.6	48.4*	48.5	48.6	48.7	48.7	48.8	48.9	49	49.1	49.2	0.9
1.61	49.3	49.3	49.4	49.5	49.6	49.7	49.8	49.8	49.9	50	0.8
1.62	50.1	50.2	50.3	50.4	50.4	50.5	50.6	50.7	50.8	50.9	0.9
1.63	51	51	51.1	51.2	51.3	51.4	51.5	51.5	51.6	51.7	0.8
1.64	51.8	51.9	52	52.1	52.1	52.2	52.3	52.4	52.5	52.6	0.9
1.65	52.7	52.7	52.8	52.9	53	53.1	53.2	53.2	53.3	53.4	0.8
1.66	53.5	53.6	53.7	53.8	53.8	53.9	54	54.1	54.2	54.3	0.9
1.67	54.4	54.4	54.5	54.6	54.7	54.8	54.9	54.9	55	55.1	0.8
1.68	55.2	55.3	55.4	55.5	55.5	55.6	55.7	55.8	55.9	56	0.9
1.69	56.1	56.1	56.2	56.3	56.4	56.5	56.6	56.6	56.7	56.8	0.8
1.7	56.9*	57	57.1	57.2	57.3	57.4	57.5	57.6	57.6	57.7	0.9
1.71	57.8	57.9	58	58.1	58.2	58.3	58.4	58.5	58.6	58.7	1
1.72	58.8	58.9	58.9	59	59.1	59.2	59.3	59.4	59.5	59.6	0.9
1.73	59.7	59.8	59.9	60	60.1	60.2	60.2	60.3	60.4	60.5	0.9
1.74	60.6	60.7	60.8	60.9	61	61.1	61.2	61.3	61.4	61.5	1
1.75	61.6	61.6	61.7	61.8	61.9	62	62.1	62.2	62.3	62.4	0.9
1.76	62.5	62.6	62.7	62.8	62.9	62.9	63	63.1	63.2	63.3	0.9
1.77	63.4	63.5	63.6	63.7	63.8	63.9	64	64.1	64.2	64.2	0.9
1.78	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65	65.1	65.2	1
1.79	65.3	65.4	65.5	65.5	65.6	65.7	65.8	65.9	66	66.1	0.9
1.8	66.2*	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67	67.1	1
1.81	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68	68.1	1
1.82	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69	69.1	1
1.83	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70	70.1	1
1.84	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71	71.1	1
1.85	71.2	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72	0.9
1.86	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73	1
1.87	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74	1
1.88	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75	1
1.89	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76	1
1.9	76.1*	76.2	76.3	76.4	76.5	76.6	76.7	76.8	77	77.1	1.1

1.91	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78	78.1	1
1.92	78.2	78.3	78.5	78.6	78.7	78.8	78.9	79	79.1	79.2	1.1
1.93	79.3	79.4	79.5	79.6	79.7	79.8	80	80.1	80.2	80.3	1.1
1.94	80.4	80.5	80.6	80.7	80.8	80.9	81	81.1	81.2	81.3	1.1
1.95	81.5	81.6	81.7	81.8	81.9	82	82.1	82.2	82.3	82.4	1
1.96	82.5	82.6	82.7	82.8	82.9	83.1	83.2	83.3	83.4	83.5	1.1
1.97	83.6	83.7	83.8	83.9	84	84.1	84.2	84.3	84.4	84.6	1.1
1.98	84.7	84.8	84.9	85	85.1	85.2	85.3	85.4	85.5	85.6	1
1.99	85.7	85.8	85.9	86.1	86.2	86.3	86.4	86.5	86.6	86.7	1.1

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:26:52 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 33.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/01/2008 @ 11:25:36 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: coincident to table 32 at and above 3.500 m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
2	86.8*	86.9	87	87.1	87.2	87.4	87.5	87.6	87.7	87.8	1.1
2.01	87.9	88	88.1	88.3	88.4	88.5	88.6	88.7	88.8	88.9	1.1
2.02	89	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90	1.2
2.03	90.2	90.3	90.4	90.5	90.6	90.7	90.8	90.9	91.1	91.2	1.1
2.04	91.3	91.4	91.5	91.6	91.7	91.8	92	92.1	92.2	92.3	1.1
2.05	92.4	92.5	92.6	92.7	92.8	93	93.1	93.2	93.3	93.4	1.1
2.06	93.5	93.6	93.7	93.9	94	94.1	94.2	94.3	94.4	94.5	1.1
2.07	94.6	94.8	94.9	95	95.1	95.2	95.3	95.4	95.5	95.6	1.2
2.08	95.8	95.9	96	96.1	96.2	96.3	96.4	96.5	96.7	96.8	1.1
2.09	96.9	97	97.1	97.2	97.3	97.4	97.6	97.7	97.8	97.9	1.1

2.1	98.0*	98.1	98.2	98.4	98.5	98.6	98.7	98.8	99	99.1	1.2
2.11	99.2	99.3	99.4	99.5	99.7	99.8	99.9	100	100	100	0.8
2.12	100	100	101	101	101	101	101	101	101	101	2
2.13	102	102	102	102	102	102	102	102	103	103	1
2.14	103	103	103	103	103	103	103	104	104	104	1
2.15	104	104	104	104	104	105	105	105	105	105	1
2.16	105	105	105	105	106	106	106	106	106	106	1
2.17	106	106	107	107	107	107	107	107	107	107	2
2.18	108	108	108	108	108	108	108	108	108	109	1
2.19	109	109	109	109	109	109	109	110	110	110	1
2.2	110*	110	110	110	110	111	111	111	111	111	1
2.21	111	111	111	111	112	112	112	112	112	112	1
2.22	112	112	113	113	113	113	113	113	113	113	2
2.23	114	114	114	114	114	114	114	114	115	115	1
2.24	115	115	115	115	115	115	116	116	116	116	1
2.25	116	116	116	116	116	117	117	117	117	117	1
2.26	117	117	117	118	118	118	118	118	118	118	1
2.27	118	119	119	119	119	119	119	119	119	120	2
2.28	120	120	120	120	120	120	120	121	121	121	1
2.29	121	121	121	121	121	121	122	122	122	122	1
2.3	122*	122	122	122	123	123	123	123	123	123	1
2.31	123	124	124	124	124	124	124	124	124	125	2
2.32	125	125	125	125	125	125	125	126	126	126	1
2.33	126	126	126	126	126	127	127	127	127	127	1
2.34	127	127	128	128	128	128	128	128	128	128	2
2.35	129	129	129	129	129	129	129	129	130	130	1
2.36	130	130	130	130	130	130	131	131	131	131	1
2.37	131	131	131	132	132	132	132	132	132	132	1
2.38	132	133	133	133	133	133	133	133	133	134	2
2.39	134	134	134	134	134	134	134	135	135	135	1

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:52 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 33.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/01/2008 @ 11:25:36 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: coincident to table 32 at and above 3.500 m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
2.4	135*	135	135	135	136	136	136	136	136	136	1
2.41	136	137	137	137	137	137	137	137	138	138	2
2.42	138	138	138	138	138	139	139	139	139	139	1
2.43	139	139	139	140	140	140	140	140	140	140	2
2.44	141	141	141	141	141	141	141	142	142	142	1
2.45	142	142	142	142	143	143	143	143	143	143	1
2.46	143	144	144	144	144	144	144	144	145	145	2
2.47	145	145	145	145	145	146	146	146	146	146	1
2.48	146	146	146	147	147	147	147	147	147	147	2
2.49	148	148	148	148	148	148	148	149	149	149	1
2.5	149*	149	149	149	150	150	150	150	150	150	1
2.51	150	151	151	151	151	151	151	151	152	152	2
2.52	152	152	152	152	152	153	153	153	153	153	1
2.53	153	153	154	154	154	154	154	154	155	155	2
2.54	155	155	155	155	155	156	156	156	156	156	1
2.55	156	156	157	157	157	157	157	157	157	158	2
2.56	158	158	158	158	158	158	159	159	159	159	1
2.57	159	159	159	160	160	160	160	160	160	160	2
2.58	161	161	161	161	161	161	161	162	162	162	1
2.59	162	162	162	162	163	163	163	163	163	163	2
2.6	164*	164	164	164	164	164	164	165	165	165	1

2.61	165	165	165	165	166	166	166	166	166	166	1
2.62	166	167	167	167	167	167	167	167	168	168	2
2.63	168	168	168	168	168	169	169	169	169	169	1
2.64	169	170	170	170	170	170	170	170	171	171	2
2.65	171	171	171	171	171	172	172	172	172	172	1
2.66	172	172	173	173	173	173	173	173	173	174	2
2.67	174	174	174	174	174	175	175	175	175	175	1
2.68	175	175	176	176	176	176	176	176	176	177	2
2.69	177	177	177	177	177	177	178	178	178	178	1
2.7	178*	178	179	179	179	179	179	179	179	180	2
2.71	180	180	180	180	180	181	181	181	181	181	1
2.72	181	181	182	182	182	182	182	182	183	183	2
2.73	183	183	183	183	183	184	184	184	184	184	1
2.74	184	185	185	185	185	185	185	185	186	186	2
2.75	186	186	186	186	187	187	187	187	187	187	1
2.76	187	188	188	188	188	188	188	189	189	189	2
2.77	189	189	189	189	190	190	190	190	190	190	2
2.78	191	191	191	191	191	191	191	192	192	192	1
2.79	192	192	192	193	193	193	193	193	193	193	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:52 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 33.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/01/2008 @ 11:25:36 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: coincident to table 32 at and above 3.500 m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER									
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009

2.8	194*	194	194	194	194	194	194	195	195	195	195	1
2.81	195	195	196	196	196	196	196	196	196	196	197	2
2.82	197	197	197	197	197	197	198	198	198	198	198	1
2.83	198	199	199	199	199	199	199	199	200	200	200	2
2.84	200	200	200	200	201	201	201	201	201	201	201	2
2.85	202	202	202	202	202	202	202	203	203	203	203	1
2.86	203	203	204	204	204	204	204	204	204	204	205	2
2.87	205	205	205	205	205	205	206	206	206	206	206	1
2.88	206	207	207	207	207	207	207	207	208	208	208	2
2.89	208	208	208	208	209	209	209	209	209	209	209	2
2.9	210*	210	210	210	210	210	210	211	211	211	211	1
2.91	211	211	212	212	212	212	212	212	212	212	213	2
2.92	213	213	213	213	213	213	214	214	214	214	214	1
2.93	214	215	215	215	215	215	215	215	216	216	216	2
2.94	216	216	216	216	217	217	217	217	217	217	217	2
2.95	218	218	218	218	218	218	218	219	219	219	219	1
2.96	219	219	220	220	220	220	220	220	220	220	221	2
2.97	221	221	221	221	221	221	222	222	222	222	222	1
2.98	222	223	223	223	223	223	223	223	224	224	224	2
2.99	224	224	224	224	225	225	225	225	225	225	225	2
3	226*	226	226	226	226	226	226	227	227	227	227	1
3.01	227	227	228	228	228	228	228	228	228	229	229	2
3.02	229	229	229	229	229	230	230	230	230	230	230	2
3.03	231	231	231	231	231	231	231	232	232	232	232	1
3.04	232	232	232	233	233	233	233	233	233	233	234	2
3.05	234	234	234	234	234	234	235	235	235	235	235	1
3.06	235	236	236	236	236	236	236	236	237	237	237	2
3.07	237	237	237	238	238	238	238	238	238	238	239	2
3.08	239	239	239	239	239	239	240	240	240	240	240	1
3.09	240	241	241	241	241	241	241	241	242	242	242	2
3.1	242*	242	242	243	243	243	243	243	243	243	244	2
3.11	244	244	244	244	244	244	245	245	245	245	245	1
3.12	245	246	246	246	246	246	246	246	247	247	247	2

3.13	247	247	248	248	248	248	248	248	249	249	2
3.14	249	249	249	249	250	250	250	250	250	250	2
3.15	251	251	251	251	251	251	252	252	252	252	1
3.16	252	252	253	253	253	253	253	254	254	254	2
3.17	254	254	254	255	255	255	255	255	255	256	2
3.18	256	256	256	256	256	257	257	257	257	257	1
3.19	257	258	258	258	258	258	259	259	259	259	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:26:52 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 33.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/01/2008 @ 11:25:36 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: coincident to table 32 at and above 3.500 m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
3.2	259*	259	260	260	260	260	260	260	261	261	2
3.21	261	261	261	261	262	262	262	262	262	262	2
3.22	263	263	263	263	263	264	264	264	264	264	1
3.23	264	265	265	265	265	265	265	266	266	266	2
3.24	266	266	266	267	267	267	267	267	268	268	2
3.25	268	268	268	268	269	269	269	269	269	269	2
3.26	270	270	270	270	270	270	271	271	271	271	1
3.27	271	271	272	272	272	272	272	273	273	273	2
3.28	273	273	273	274	274	274	274	274	274	275	2
3.29	275	275	275	275	275	276	276	276	276	276	2
3.3	277*	277	277	277	277	277	278	278	278	278	1

3.31	278	278	279	279	279	279	279	279	280	280	2
3.32	280	280	280	281	281	281	281	281	281	282	2
3.33	282	282	282	282	282	283	283	283	283	283	2
3.34	284	284	284	284	284	284	285	285	285	285	1
3.35	285	285	286	286	286	286	286	286	287	287	2
3.36	287	287	287	288	288	288	288	288	288	289	2
3.37	289	289	289	289	289	290	290	290	290	290	2
3.38	291	291	291	291	291	291	292	292	292	292	1
3.39	292	292	293	293	293	293	293	293	294	294	2
3.4	294*	294	294	295	295	295	295	295	295	296	2
3.41	296	296	296	296	296	297	297	297	297	297	2
3.42	298	298	298	298	298	298	299	299	299	299	1
3.43	299	300	300	300	300	300	300	301	301	301	2
3.44	301	301	301	302	302	302	302	302	303	303	2
3.45	303	303	303	303	304	304	304	304	304	305	2
3.46	305	305	305	305	305	306	306	306	306	306	1
3.47	306	307	307	307	307	307	308	308	308	308	2
3.48	308	308	309	309	309	309	309	310	310	310	2
3.49	310	310	310	311	311	311	311	311	311	312	2
3.5	312*	312	312	312	313	313	313	313	313	314	2
3.51	314	314	314	314	314	315	315	315	315	315	2
3.52	316	316	316	316	316	317	317	317	317	317	2
3.53	318	318	318	318	318	318	319	319	319	319	1
3.54	319	320	320	320	320	320	321	321	321	321	2
3.55	321	321	322	322	322	322	322	323	323	323	2
3.56	323	323	324	324	324	324	324	325	325	325	2
3.57	325	325	325	326	326	326	326	326	327	327	2
3.58	327	327	327	328	328	328	328	328	328	329	2
3.59	329	329	329	329	330	330	330	330	330	331	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:52 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 33.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/01/2008 @ 11:25:36 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: coincident to table 32 at and above 3.500 m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
3.6	331*	331	331	331	332	332	332	332	332	332	2
3.61	333	333	333	333	333	334	334	334	334	334	2
3.62	335	335	335	335	335	336	336	336	336	336	2
3.63	337	337	337	337	337	338	338	338	338	338	1
3.64	338	339	339	339	339	339	340	340	340	340	2
3.65	340	341	341	341	341	341	342	342	342	342	2
3.66	342	343	343	343	343	343	344	344	344	344	2
3.67	344	344	345	345	345	345	345	346	346	346	2
3.68	346	346	347	347	347	347	347	348	348	348	2
3.69	348	348	349	349	349	349	349	350	350	350	2
3.7	350*	350	350	351	351	351	351	351	352	352	2
3.71	352	352	352	353	353	353	353	353	354	354	2
3.72	354	354	354	355	355	355	355	355	356	356	2
3.73	356	356	356	357	357	357	357	357	357	358	2
3.74	358	358	358	358	359	359	359	359	359	360	2
3.75	360	360	360	360	361	361	361	361	361	362	2
3.76	362	362	362	362	363	363	363	363	363	363	2
3.77	364	364	364	364	364	365	365	365	365	365	2
3.78	366	366	366	366	366	367	367	367	367	367	2
3.79	368	368	368	368	368	369	369	369	369	369	2
3.8	370	370	370	370	370	370	371	371	371	371	1
3.81	371	372	372	372	372	372	373	373	373	373	2
3.82	373	374	374	374	374	374	375	375	375	375	2

3.83	375	376	376	376	376	376	376	377	377	377	2
3.84	377	377	378	378	378	378	378	379	379	379	2
3.85	379	379	380	380	380	380	380	381	381	381	2
3.86	381	381	382	382	382	382	382	382	383	383	2
3.87	383	383	383	384	384	384	384	384	385	385	2
3.88	385	385	385	386	386	386	386	386	387	387	2
3.89	387	387	387	388	388	388	388	388	389	389	2
3.9	389*	389	389	389	390	390	390	390	390	391	2
3.91	391	391	391	391	392	392	392	392	392	393	2
3.92	393	393	393	393	394	394	394	394	394	395	2
3.93	395	395	395	395	396	396	396	396	396	397	2
3.94	397	397	397	397	398	398	398	398	398	399	2
3.95	399	399	399	399	399	400	400	400	400	400	2
3.96	401	401	401	401	401	402	402	402	402	402	2
3.97	403	403	403	403	403	404	404	404	404	404	2
3.98	405	405	405	405	405	406	406	406	406	406	2
3.99	407	407	407	407	407	408	408	408	408	408	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:52 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 33.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/01/2008 @ 11:25:36 PST,

Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: coincident to table 32 at and above 3.500 m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
4	409*	409	409	409	409	410	410	410	410	410	2

4.01	411	411	411	411	411	412	412	412	412	412	2
4.02	413	413	413	413	413	414	414	414	414	415	2
4.03	415	415	415	415	416	416	416	416	416	417	2
4.04	417	417	417	417	418	418	418	418	418	419	2
4.05	419	419	419	419	420	420	420	420	421	421	2
4.06	421	421	421	422	422	422	422	422	423	423	2
4.07	423	423	423	424	424	424	424	424	425	425	2
4.08	425	425	426	426	426	426	426	427	427	427	2
4.09	427	427	428	428	428	428	428	429	429	429	2
4.1	429	429	430	430	430	430	430	431	431	431	2
4.11	431	432	432	432	432	432	433	433	433	433	2
4.12	433	434	434	434	434	434	435	435	435	435	2
4.13	435	436	436	436	436	437	437	437	437	437	3
4.14	438	438	438	438	438	439	439	439	439	439	2
4.15	440	440	440	440	440	441	441	441	441	441	2
4.16	442	442	442	442	443	443	443	443	443	444	2
4.17	444	444	444	444	445	445	445	445	445	446	2
4.18	446	446	446	446	447	447	447	447	448	448	2
4.19	448	448	448	449	449	449	449	449	450	450	2
4.2	450*	450	450	451	451	451	451	452	452	452	2
4.21	452	452	453	453	453	453	454	454	454	454	2
4.22	454	455	455	455	455	456	456	456	456	456	3
4.23	457	457	457	457	457	458	458	458	458	459	2
4.24	459	459	459	459	460	460	460	460	461	461	2
4.25	461	461	461	462	462	462	462	463	463	463	2
4.26	463	463	464	464	464	464	465	465	465	465	2
4.27	465	466	466	466	466	467	467	467	467	467	3
4.28	468	468	468	468	468	469	469	469	469	470	2
4.29	470	470	470	470	471	471	471	471	472	472	2
4.3	472	472	472	473	473	473	473	474	474	474	2
4.31	474	474	475	475	475	475	476	476	476	476	2
4.32	476	477	477	477	477	478	478	478	478	478	3
4.33	479	479	479	479	479	480	480	480	480	481	2
4.34	481	481	481	481	482	482	482	482	483	483	2

4.35	483	483	483	484	484	484	484	485	485	485	2
4.36	485	485	486	486	486	486	487	487	487	487	2
4.37	487	488	488	488	488	489	489	489	489	489	3
4.38	490	490	490	490	490	491	491	491	491	492	2
4.39	492	492	492	492	493	493	493	493	494	494	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:26:52 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 33.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/01/2008 @ 11:25:36 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: coincident to table 32 at and above 3.500 m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
4.4	494*	494	494	495	495	495	495	496	496	496	2
4.41	496	497	497	497	497	497	498	498	498	498	3
4.42	499	499	499	499	500	500	500	500	500	501	2
4.43	501	501	501	502	502	502	502	503	503	503	2
4.44	503	503	504	504	504	504	505	505	505	505	3
4.45	506	506	506	506	506	507	507	507	507	508	2
4.46	508	508	508	508	509	509	509	509	510	510	2
4.47	510	510	511	511	511	511	511	512	512	512	2
4.48	512	513	513	513	513	514	514	514	514	514	3
4.49	515	515	515	515	516	516	516	516	517	517	2
4.5	517	517	517	518	518	518	518	519	519	519	2
4.51	519	520	520	520	520	520	521	521	521	521	3
4.52	522	522	522	522	523	523	523	523	523	524	2

4.53	524	524	524	525	525	525	525	526	526	526	2
4.54	526	526	527	527	527	527	528	528	528	528	3
4.55	529	529	529	529	529	530	530	530	530	531	2
4.56	531	531	531	531	532	532	532	532	533	533	2
4.57	533	533	534	534	534	534	534	535	535	535	2
4.58	535	536	536	536	536	537	537	537	537	537	3
4.59	538	538	538	538	539	539	539	539	540	540	2
4.6	540*	540	540	541	541	541	541	542	542	542	2
4.61	542	543	543	543	543	544	544	544	544	545	3
4.62	545	545	545	546	546	546	546	546	547	547	2
4.63	547	547	548	548	548	548	549	549	549	549	3
4.64	550	550	550	550	551	551	551	551	552	552	2
4.65	552	552	552	553	553	553	553	554	554	554	2
4.66	554	555	555	555	555	556	556	556	556	557	3
4.67	557	557	557	558	558	558	558	558	559	559	2
4.68	559	559	560	560	560	560	561	561	561	561	3
4.69	562	562	562	562	563	563	563	563	564	564	2
4.7	564*	564	564	565	565	565	565	566	566	566	2
4.71	566	567	567	567	567	568	568	568	568	569	3
4.72	569	569	569	570	570	570	570	571	571	571	2
4.73	571	572	572	572	572	573	573	573	573	574	3
4.74	574	574	574	575	575	575	575	576	576	576	2
4.75	576	577	577	577	577	578	578	578	578	579	3
4.76	579	579	579	580	580	580	580	581	581	581	2
4.77	581	582	582	582	582	583	583	583	583	584	3
4.78	584	584	584	585	585	585	585	586	586	586	2
4.79	586	587	587	587	587	588	588	588	588	589	3

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:26:52 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 33.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/01/2008 @ 11:25:36 PST,

Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: coincident to table 32 at and above 3.500 m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
4.8	589	589	589	590	590	590	590	591	591	591	2
4.81	591	592	592	592	592	593	593	593	593	594	3
4.82	594	594	594	595	595	595	595	595	596	596	2
4.83	596	596	597	597	597	597	598	598	598	598	3
4.84	599	599	599	599	600	600	600	600	601	601	2
4.85	601	601	602	602	602	602	603	603	603	603	3
4.86	604	604	604	604	605	605	605	605	606	606	2
4.87	606	606	607	607	607	607	608	608	608	608	3
4.88	609	609	609	609	610	610	610	610	611	611	2
4.89	611	611	612	612	612	612	613	613	613	613	3
4.9	614	614	614	614	615	615	615	615	616	616	2
4.91	616	616	617	617	617	617	618	618	618	618	3
4.92	619	619	619	619	620	620	620	620	621	621	2
4.93	621	621	622	622	622	622	623	623	623	623	3
4.94	624	624	624	624	625	625	625	625	626	626	2
4.95	626	626	626	627	627	627	627	628	628	628	2
4.96	628	629	629	629	629	630	630	630	630	631	3
4.97	631	631	631	632	632	632	632	633	633	633	2
4.98	633	634	634	634	634	635	635	635	635	636	3
4.99	636	636	636	637	637	637	637	638	638	638	2
5	638	639	639	639	639	640	640	640	640	641	3
5.01	641	641	641	642	642	642	642	643	643	643	2
5.02	643	644	644	644	644	645	645	645	645	646	3
5.03	646	646	646	647	647	647	647	648	648	648	2
5.04	648	649	649	649	649	650	650	650	650	651	3

5.05	651	651	651	652	652	652	652	653	653	653	2
5.06	653	654	654	654	654	655	655	655	655	656	3
5.07	656	656	656	657	657	657	657	657	658	658	2
5.08	658	658	659	659	659	659	660	660	660	660	3
5.09	661	661	661	661	662	662	662	662	663	663	2
5.1	663	663	664	664	664	664	665	665	665	665	3
5.11	666	666	666	666	667	667	667	667	668	668	2
5.12	668	668	669	669	669	669	670	670	670	670	3
5.13	671	671	671	671	672	672	672	672	673	673	2
5.14	673	673	674	674	674	674	675	675	675	675	3
5.15	676	676	676	676	677	677	677	677	678	678	2
5.16	678	678	679	679	679	679	680	680	680	680	3
5.17	681	681	681	681	682	682	682	682	683	683	2
5.18	683	683	684	684	684	684	685	685	685	685	3
5.19	686	686	686	686	687	687	687	687	688	688	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:26:52 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 33.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/01/2008 @ 11:25:36 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: coincident to table 32 at and above 3.500 m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
5.2	688*	688	689	689	689	689	690	690	690	690	3
5.21	691	691	691	691	692	692	692	692	693	693	2
5.22	693	693	694	694	694	695	695	695	695	696	3

5.23	696	696	696	697	697	697	697	698	698	698	2
5.24	698	699	699	699	699	700	700	700	700	701	3
5.25	701	701	702	702	702	702	703	703	703	703	3
5.26	704	704	704	704	705	705	705	705	706	706	2
5.27	706	706	707	707	707	708	708	708	708	709	3
5.28	709	709	709	710	710	710	710	711	711	711	2
5.29	711	712	712	712	712	713	713	713	713	714	3
5.3	714*	714	715	715	715	716	716	716	716	717	3
5.31	717	717	718	718	718	719	719	719	720	720	3
5.32	720	720	721	721	721	722	722	722	723	723	3
5.33	723	724	724	724	724	725	725	725	726	726	3
5.34	726	727	727	727	727	728	728	728	729	729	3
5.35	729	730	730	730	731	731	731	731	732	732	3
5.36	732	733	733	733	734	734	734	735	735	735	3
5.37	735	736	736	736	737	737	737	738	738	738	4
5.38	739	739	739	739	740	740	740	741	741	741	3
5.39	742	742	742	743	743	743	743	744	744	744	3
5.4	745	745	745	746	746	746	747	747	747	747	3
5.41	748	748	748	749	749	749	750	750	750	750	3
5.42	751	751	751	752	752	752	753	753	753	754	3
5.43	754	754	754	755	755	755	756	756	756	757	3
5.44	757	757	758	758	758	758	759	759	759	760	3
5.45	760	760	761	761	761	762	762	762	762	763	3
5.46	763	763	764	764	764	765	765	765	766	766	3
5.47	766	766	767	767	767	768	768	768	769	769	3
5.48	769	770	770	770	770	771	771	771	772	772	3
5.49	772	773	773	773	773	774	774	774	775	775	3
5.5	775	776	776	776	777	777	777	777	778	778	3
5.51	778	779	779	779	780	780	780	781	781	781	3
5.52	781	782	782	782	783	783	783	784	784	784	4
5.53	785	785	785	785	786	786	786	787	787	787	3
5.54	788	788	788	789	789	789	789	790	790	790	3
5.55	791	791	791	792	792	792	793	793	793	793	3

5.56	794	794	794	795	795	795	796	796	796	796	3
5.57	797	797	797	798	798	798	799	799	799	800	3
5.58	800	800	800	801	801	801	802	802	802	803	3
5.59	803	803	804	804	804	804	805	805	805	806	3

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:26:52 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 33.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/01/2008 @ 11:25:36 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: coincident to table 32 at and above 3.500 m

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
5.6	806*	806	807	807	807	808	808	808	809	809	3
5.61	809	810	810	810	811	811	811	812	812	812	4
5.62	813	813	813	814	814	815	815	815	816	816	3
5.63	816	817	817	817	818	818	818	819	819	819	4
5.64	820	820	820	821	821	821	822	822	822	823	3
5.65	823	823	824	824	824	825	825	825	826	826	3
5.66	826	827	827	827	828	828	828	829	829	829	4
5.67	830	830	830	831	831	832	832	832	833	833	3
5.68	833	834	834	834	835	835	835	836	836	836	4
5.69	837	837	837	838	838	838	839	839	839	840	3
5.7	840*	840	841	841	841	842	842	842	843	843	3
5.71	843	844	844	844	845	845	845	846	846	846	4
5.72	847	847	847	848	848	849	849	849	850	850	3
5.73	850	851	851	851	852	852	852	853	853	853	4
5.74	854	854	854	855	855	855	856	856	856	857	3

5.75	857	857	858	858	858	859	859	859	860	860	3
5.76	860	861	861	861	862	862	862	863	863	863	4
5.77	864	864	864	865	865	866	866	866	867	867	3
5.78	867	868	868	868	869	869	869	870	870	870	4
5.79	871	871	871	872	872	872	873	873	873	874	3
5.8	874*										

* indicates a rating descriptor point

ID	Starting Date	Ending Aging	Comments
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33	01/01/2008 00:00:00 PST	01/01/201	4

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:27:15 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 34.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/15/2010 @ 13:52:29 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: Coincident to table 33 at and above 4.2 m.

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
1.2	18.0*	18.1	18.1	18.2	18.3	18.3	18.4	18.5	18.5	18.6	0.7
1.21	18.7	18.7	18.8	18.9	19	19	19.1	19.2	19.2	19.3	0.7
1.22	19.4	19.4	19.5	19.6	19.6	19.7	19.8	19.8	19.9	20	0.6
1.23	20	20.1	20.2	20.2	20.3	20.4	20.4	20.5	20.6	20.7	0.7
1.24	20.7	20.8	20.9	20.9	21	21.1	21.1	21.2	21.3	21.3	0.7
1.25	21.4	21.5	21.5	21.6	21.7	21.7	21.8	21.9	21.9	22	0.7
1.26	22.1	22.1	22.2	22.3	22.4	22.4	22.5	22.6	22.6	22.7	0.7
1.27	22.8	22.8	22.9	23	23	23.1	23.2	23.2	23.3	23.4	0.6
1.28	23.4	23.5	23.6	23.6	23.7	23.8	23.8	23.9	24	24.1	0.7
1.29	24.1	24.2	24.3	24.3	24.4	24.5	24.5	24.6	24.7	24.7	0.7
1.3	24.8*	24.9	24.9	25	25.1	25.2	25.2	25.3	25.4	25.5	0.7
1.31	25.5	25.6	25.7	25.8	25.8	25.9	26	26.1	26.1	26.2	0.8
1.32	26.3	26.4	26.4	26.5	26.6	26.7	26.7	26.8	26.9	26.9	0.7
1.33	27	27.1	27.2	27.2	27.3	27.4	27.5	27.5	27.6	27.7	0.8
1.34	27.8	27.8	27.9	28	28.1	28.1	28.2	28.3	28.4	28.4	0.7
1.35	28.5	28.6	28.6	28.7	28.8	28.9	28.9	29	29.1	29.2	0.7
1.36	29.2	29.3	29.4	29.5	29.5	29.6	29.7	29.8	29.8	29.9	0.8
1.37	30	30.1	30.1	30.2	30.3	30.4	30.4	30.5	30.6	30.6	0.7
1.38	30.7	30.8	30.9	30.9	31	31.1	31.2	31.2	31.3	31.4	0.8
1.39	31.5	31.5	31.6	31.7	31.8	31.8	31.9	32	32.1	32.1	0.7

1.4	32.2*	32.3	32.4	32.4	32.5	32.6	32.7	32.7	32.8	32.9	0.8
1.41	33	33.1	33.1	33.2	33.3	33.4	33.4	33.5	33.6	33.7	0.8
1.42	33.8	33.8	33.9	34	34.1	34.2	34.2	34.3	34.4	34.5	0.7
1.43	34.5	34.6	34.7	34.8	34.9	34.9	35	35.1	35.2	35.2	0.8
1.44	35.3	35.4	35.5	35.6	35.6	35.7	35.8	35.9	35.9	36	0.8
1.45	36.1	36.2	36.3	36.3	36.4	36.5	36.6	36.6	36.7	36.8	0.8
1.46	36.9	37	37	37.1	37.2	37.3	37.3	37.4	37.5	37.6	0.8
1.47	37.7	37.7	37.8	37.9	38	38.1	38.1	38.2	38.3	38.4	0.7
1.48	38.4	38.5	38.6	38.7	38.8	38.8	38.9	39	39.1	39.1	0.8
1.49	39.2	39.3	39.4	39.5	39.5	39.6	39.7	39.8	39.8	39.9	0.8
1.5	40.0*	40.1	40.2	40.2	40.3	40.4	40.5	40.6	40.7	40.7	0.8
1.51	40.8	40.9	41	41.1	41.1	41.2	41.3	41.4	41.5	41.6	0.8
1.52	41.6	41.7	41.8	41.9	42	42.1	42.1	42.2	42.3	42.4	0.9
1.53	42.5	42.5	42.6	42.7	42.8	42.9	43	43	43.1	43.2	0.8
1.54	43.3	43.4	43.4	43.5	43.6	43.7	43.8	43.9	43.9	44	0.8
1.55	44.1	44.2	44.3	44.3	44.4	44.5	44.6	44.7	44.8	44.8	0.8
1.56	44.9	45	45.1	45.2	45.2	45.3	45.4	45.5	45.6	45.7	0.8
1.57	45.7	45.8	45.9	46	46.1	46.2	46.2	46.3	46.4	46.5	0.9
1.58	46.6	46.6	46.7	46.8	46.9	47	47.1	47.1	47.2	47.3	0.8
1.59	47.4	47.5	47.5	47.6	47.7	47.8	47.9	48	48	48.1	0.8

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:15 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 34.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/15/2010 @ 13:52:29 PST,

Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: Coincident to table 33 at and above 4.2 m.

EXPANDED RATING TABLE

Discharge (m³/s)

DIFF IN Q PER

	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
1.6	48.2*	48.3	48.4	48.5	48.6	48.7	48.8	48.9	49	49.1	1
1.61	49.2	49.3	49.4	49.5	49.6	49.7	49.8	50	50.1	50.2	1.1
1.62	50.3	50.4	50.5	50.6	50.7	50.8	50.9	51	51.1	51.2	1
1.63	51.3	51.4	51.5	51.6	51.7	51.8	51.9	52	52.1	52.2	1
1.64	52.3	52.4	52.5	52.6	52.7	52.8	52.9	53	53.1	53.2	1.1
1.65	53.4	53.5	53.6	53.7	53.8	53.9	54	54.1	54.2	54.3	1
1.66	54.4	54.5	54.6	54.7	54.8	54.9	55	55.1	55.2	55.3	1
1.67	55.4	55.5	55.6	55.7	55.8	55.9	56	56.1	56.2	56.3	1
1.68	56.4	56.5	56.6	56.7	56.9	57	57.1	57.2	57.3	57.4	1.1
1.69	57.5	57.6	57.7	57.8	57.9	58	58.1	58.2	58.3	58.4	1
1.7	58.5*	58.6	58.7	58.8	58.9	59	59.1	59.2	59.3	59.4	1.1
1.71	59.6	59.7	59.8	59.9	60	60.1	60.2	60.3	60.4	60.5	1
1.72	60.6	60.7	60.8	60.9	61	61.1	61.2	61.3	61.4	61.5	1.1
1.73	61.7	61.8	61.9	62	62.1	62.2	62.3	62.4	62.5	62.6	1
1.74	62.7	62.8	62.9	63	63.1	63.2	63.3	63.4	63.5	63.6	1.1
1.75	63.8	63.9	64	64.1	64.2	64.3	64.4	64.5	64.6	64.7	1
1.76	64.8	64.9	65	65.1	65.2	65.3	65.4	65.5	65.6	65.7	1.1
1.77	65.9	66	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	1
1.78	66.9	67	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	1.1
1.79	68	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	1
1.8	69.0*	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	1.1
1.81	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71	1
1.82	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72	1.1
1.83	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73	73.1	1
1.84	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74	74.1	1.1
1.85	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75	75.1	75.2	1
1.86	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76	76.1	76.2	1.1
1.87	76.4	76.5	76.6	76.7	76.8	76.9	77	77.1	77.2	77.3	1
1.88	77.4	77.5	77.6	77.7	77.8	77.9	78	78.1	78.2	78.3	1.1
1.89	78.5	78.6	78.7	78.8	78.9	79	79.1	79.2	79.3	79.4	1
1.9	79.5*	79.6	79.7	79.8	79.9	80	80.1	80.2	80.3	80.4	1.1

2.1	102*	102	102	102	102	102	102	102	102	102	103	1
2.11	103	103	103	103	103	103	103	103	103	104	104	1
2.12	104	104	104	104	104	104	104	104	105	105	105	1
2.13	105	105	105	105	105	105	106	106	106	106	106	1
2.14	106	106	106	106	106	107	107	107	107	107	107	1
2.15	107	107	107	108	108	108	108	108	108	108	108	1
2.16	108	109	109	109	109	109	109	109	109	109	109	2
2.17	110	110	110	110	110	110	110	110	110	110	111	1
2.18	111	111	111	111	111	111	111	111	112	112	112	1
2.19	112	112	112	112	112	112	112	113	113	113	113	1
2.2	113*	113	113	113	113	114	114	114	114	114	114	1
2.21	114	114	114	115	115	115	115	115	115	115	115	1
2.22	115	116	116	116	116	116	116	116	116	116	117	2
2.23	117	117	117	117	117	117	117	117	118	118	118	1
2.24	118	118	118	118	118	119	119	119	119	119	119	1
2.25	119	119	119	120	120	120	120	120	120	120	120	1
2.26	120	121	121	121	121	121	121	121	121	121	122	2
2.27	122	122	122	122	122	122	122	122	123	123	123	1
2.28	123	123	123	123	123	123	124	124	124	124	124	1
2.29	124	124	124	125	125	125	125	125	125	125	125	1
2.3	125*	126	126	126	126	126	126	126	126	126	127	2
2.31	127	127	127	127	127	127	127	127	128	128	128	1
2.32	128	128	128	128	128	128	129	129	129	129	129	1
2.33	129	129	129	130	130	130	130	130	130	130	130	1
2.34	130	131	131	131	131	131	131	131	131	131	132	2
2.35	132	132	132	132	132	132	132	132	133	133	133	1
2.36	133	133	133	133	133	133	134	134	134	134	134	1
2.37	134	134	134	135	135	135	135	135	135	135	135	1
2.38	135	136	136	136	136	136	136	136	136	136	137	2
2.39	137	137	137	137	137	137	137	137	138	138	138	1

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

2.61	165	165	165	165	165	165	165	166	166	166	1
2.62	166	166	166	166	166	167	167	167	167	167	1
2.63	167	167	167	168	168	168	168	168	168	168	2
2.64	169	169	169	169	169	169	169	169	170	170	1
2.65	170	170	170	170	170	170	171	171	171	171	1
2.66	171	171	171	171	172	172	172	172	172	172	1
2.67	172	172	173	173	173	173	173	173	173	174	2
2.68	174	174	174	174	174	174	174	175	175	175	1
2.69	175	175	175	175	175	176	176	176	176	176	1
2.7	176*	176	176	177	177	177	177	177	177	177	1
2.71	177	178	178	178	178	178	178	178	179	179	2
2.72	179	179	179	179	179	179	180	180	180	180	1
2.73	180	180	180	180	181	181	181	181	181	181	1
2.74	181	181	182	182	182	182	182	182	182	182	2
2.75	183	183	183	183	183	183	183	183	184	184	1
2.76	184	184	184	184	184	185	185	185	185	185	1
2.77	185	185	185	186	186	186	186	186	186	186	1
2.78	186	187	187	187	187	187	187	187	187	188	2
2.79	188	188	188	188	188	188	188	189	189	189	1

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:27:15 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 34.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/15/2010 @ 13:52:29 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: Coincident to table 33 at and above 4.2 m.

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER									
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009

3.31	268	268	268	268	269	269	269	269	269	269	2
3.32	270	270	270	270	270	271	271	271	271	271	1
3.33	271	272	272	272	272	272	272	273	273	273	2
3.34	273	273	274	274	274	274	274	274	275	275	2
3.35	275	275	275	276	276	276	276	276	276	277	2
3.36	277	277	277	277	278	278	278	278	278	278	2
3.37	279	279	279	279	279	280	280	280	280	280	1
3.38	280	281	281	281	281	281	281	282	282	282	2
3.39	282	282	283	283	283	283	283	283	284	284	2
3.4	284*	284	284	285	285	285	285	285	286	286	2
3.41	286	286	286	286	287	287	287	287	287	288	2
3.42	288	288	288	288	289	289	289	289	289	290	2
3.43	290	290	290	290	290	291	291	291	291	291	2
3.44	292	292	292	292	292	293	293	293	293	293	2
3.45	294	294	294	294	294	294	295	295	295	295	1
3.46	295	296	296	296	296	296	297	297	297	297	2
3.47	297	297	298	298	298	298	298	299	299	299	2
3.48	299	299	300	300	300	300	300	301	301	301	2
3.49	301	301	301	302	302	302	302	302	303	303	2
3.5	303*	303	303	304	304	304	304	304	305	305	2
3.51	305	305	305	305	306	306	306	306	306	307	2
3.52	307	307	307	307	308	308	308	308	308	309	2
3.53	309	309	309	309	309	310	310	310	310	310	2
3.54	311	311	311	311	311	312	312	312	312	312	2
3.55	313	313	313	313	313	313	314	314	314	314	1
3.56	314	315	315	315	315	315	316	316	316	316	2
3.57	316	316	317	317	317	317	317	318	318	318	2
3.58	318	318	319	319	319	319	319	320	320	320	2
3.59	320	320	320	321	321	321	321	321	322	322	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:15 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 34.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/15/2010 @ 13:52:29 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: Coincident to table 33 at and above 4.2 m.

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
3.6	322*	322	322	323	323	323	323	323	324	324	2
3.61	324	324	325	325	325	325	325	326	326	326	2
3.62	326	326	327	327	327	327	327	328	328	328	2
3.63	328	329	329	329	329	329	330	330	330	330	2
3.64	330	331	331	331	331	331	332	332	332	332	3
3.65	333	333	333	333	333	334	334	334	334	334	2
3.66	335	335	335	335	335	336	336	336	336	336	2
3.67	337	337	337	337	338	338	338	338	338	339	2
3.68	339	339	339	339	340	340	340	340	340	341	2
3.69	341	341	341	342	342	342	342	342	343	343	2
3.7	343*	343	343	344	344	344	344	344	345	345	2
3.71	345	345	346	346	346	346	346	347	347	347	2
3.72	347	347	348	348	348	348	348	349	349	349	2
3.73	349	350	350	350	350	350	351	351	351	351	2
3.74	351	352	352	352	352	352	353	353	353	353	3
3.75	354	354	354	354	354	355	355	355	355	355	2
3.76	356	356	356	356	356	357	357	357	357	357	2
3.77	358	358	358	358	359	359	359	359	359	360	2
3.78	360	360	360	360	361	361	361	361	361	362	2
3.79	362	362	362	363	363	363	363	363	364	364	2
3.8	364	364	364	365	365	365	365	365	366	366	2
3.81	366	366	367	367	367	367	367	368	368	368	2
3.82	368	368	369	369	369	369	369	370	370	370	2

3.83	370	371	371	371	371	371	371	372	372	372	372	2
3.84	372	373	373	373	373	373	373	374	374	374	374	3
3.85	375	375	375	375	375	376	376	376	376	376	376	2
3.86	377	377	377	377	377	378	378	378	378	378	378	2
3.87	379	379	379	379	380	380	380	380	380	380	381	2
3.88	381	381	381	381	382	382	382	382	382	382	383	2
3.89	383	383	383	384	384	384	384	384	384	385	385	2
3.9	385*	385	385	386	386	386	386	386	386	387	387	2
3.91	387	387	388	388	388	388	388	388	389	389	389	2
3.92	389	389	390	390	390	390	390	390	391	391	391	2
3.93	391	392	392	392	392	392	392	393	393	393	393	2
3.94	393	394	394	394	394	394	394	395	395	395	395	3
3.95	396	396	396	396	396	397	397	397	397	397	397	2
3.96	398	398	398	398	398	399	399	399	399	399	399	2
3.97	400	400	400	400	401	401	401	401	401	401	402	2
3.98	402	402	402	402	403	403	403	403	403	403	404	2
3.99	404	404	404	405	405	405	405	405	405	406	406	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:27:15 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 34.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/15/2010 @ 13:52:29 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: Coincident to table 33 at and above 4.2 m.

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
4	406*	406	406	407	407	407	407	408	408	408	2

4.01	408	408	409	409	409	409	410	410	410	410	2
4.02	410	411	411	411	411	412	412	412	412	412	3
4.03	413	413	413	413	413	414	414	414	414	415	2
4.04	415	415	415	415	416	416	416	416	417	417	2
4.05	417	417	417	418	418	418	418	419	419	419	2
4.06	419	419	420	420	420	420	421	421	421	421	2
4.07	421	422	422	422	422	423	423	423	423	423	3
4.08	424	424	424	424	424	425	425	425	425	426	2
4.09	426	426	426	426	427	427	427	427	428	428	2
4.1	428	428	428	429	429	429	429	430	430	430	2
4.11	430	430	431	431	431	431	432	432	432	432	2
4.12	432	433	433	433	433	434	434	434	434	434	3
4.13	435	435	435	435	435	436	436	436	436	437	2
4.14	437	437	437	437	438	438	438	438	439	439	2
4.15	439	439	439	440	440	440	440	441	441	441	2
4.16	441	441	442	442	442	442	443	443	443	443	2
4.17	443	444	444	444	444	445	445	445	445	445	3
4.18	446	446	446	446	446	447	447	447	447	448	2
4.19	448	448	448	448	449	449	449	449	450	450	2
4.2	450*	450	450	451	451	451	451	452	452	452	2
4.21	452	452	453	453	453	453	454	454	454	454	2
4.22	454	455	455	455	455	456	456	456	456	456	3
4.23	457	457	457	457	457	458	458	458	458	459	2
4.24	459	459	459	459	460	460	460	460	461	461	2
4.25	461	461	461	462	462	462	462	463	463	463	2
4.26	463	463	464	464	464	464	465	465	465	465	2
4.27	465	466	466	466	466	467	467	467	467	467	3
4.28	468	468	468	468	468	469	469	469	469	470	2
4.29	470	470	470	470	471	471	471	471	472	472	2
4.3	472	472	472	473	473	473	473	474	474	474	2
4.31	474	474	475	475	475	475	476	476	476	476	2
4.32	476	477	477	477	477	478	478	478	478	478	3
4.33	479	479	479	479	479	480	480	480	480	481	2
4.34	481	481	481	481	482	482	482	482	483	483	2

4.35	483	483	483	484	484	484	484	485	485	485	2
4.36	485	485	486	486	486	486	487	487	487	487	2
4.37	487	488	488	488	488	489	489	489	489	489	3
4.38	490	490	490	490	490	491	491	491	491	492	2
4.39	492	492	492	492	493	493	493	493	494	494	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:27:15 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 34.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/15/2010 @ 13:52:29 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: Coincident to table 33 at and above 4.2 m.

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
4.4	494*	494	494	495	495	495	495	496	496	496	2
4.41	496	497	497	497	497	497	498	498	498	498	3
4.42	499	499	499	499	500	500	500	500	500	501	2
4.43	501	501	501	502	502	502	502	503	503	503	2
4.44	503	503	504	504	504	504	505	505	505	505	3
4.45	506	506	506	506	506	507	507	507	507	508	2
4.46	508	508	508	508	509	509	509	509	510	510	2
4.47	510	510	511	511	511	511	511	512	512	512	2
4.48	512	513	513	513	513	514	514	514	514	514	3
4.49	515	515	515	515	516	516	516	516	517	517	2
4.5	517	517	517	518	518	518	518	519	519	519	2
4.51	519	520	520	520	520	520	521	521	521	521	3
4.52	522	522	522	522	523	523	523	523	523	524	2

4.53		524	524	524	525	525	525	525	526	526	526	2
4.54		526	526	527	527	527	527	528	528	528	528	3
4.55		529	529	529	529	529	530	530	530	530	531	2
4.56		531	531	531	531	532	532	532	532	533	533	2
4.57		533	533	534	534	534	534	534	535	535	535	2
4.58		535	536	536	536	536	537	537	537	537	537	3
4.59		538	538	538	538	539	539	539	539	540	540	2
4.6	540*		540	540	541	541	541	541	542	542	542	2
4.61		542	543	543	543	543	544	544	544	544	545	3
4.62		545	545	545	546	546	546	546	546	547	547	2
4.63		547	547	548	548	548	548	549	549	549	549	3
4.64		550	550	550	550	551	551	551	551	552	552	2
4.65		552	552	552	553	553	553	553	554	554	554	2
4.66		554	555	555	555	555	556	556	556	556	557	3
4.67		557	557	557	558	558	558	558	558	559	559	2
4.68		559	559	560	560	560	560	561	561	561	561	3
4.69		562	562	562	562	563	563	563	563	564	564	2
4.7	564*		564	564	565	565	565	565	566	566	566	2
4.71		566	567	567	567	567	568	568	568	568	569	3
4.72		569	569	569	570	570	570	570	571	571	571	2
4.73		571	572	572	572	572	573	573	573	573	574	3
4.74		574	574	574	575	575	575	575	576	576	576	2
4.75		576	577	577	577	577	578	578	578	578	579	3
4.76		579	579	579	580	580	580	580	581	581	581	2
4.77		581	582	582	582	582	583	583	583	583	584	3
4.78		584	584	584	585	585	585	585	586	586	586	2
4.79		586	587	587	587	587	588	588	588	588	589	3

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:15 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 34.000 TYPE: Unknown EXPANSION: STATUS: Approved

Created by import on 12/15/2010 @ 13:52:29 PST,

Updated by import on 10/13/2011 @ 19:29:28 UTC

Remarks: Coincident to table 33 at and above 4.2 m.

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
4.8	589	589	589	590	590	590	590	591	591	591	2
4.81	591	592	592	592	592	593	593	593	593	594	3
4.82	594	594	594	595	595	595	595	595	596	596	2
4.83	596	596	597	597	597	597	598	598	598	598	3
4.84	599	599	599	599	600	600	600	600	601	601	2
4.85	601	601	602	602	602	602	603	603	603	603	3
4.86	604	604	604	604	605	605	605	605	606	606	2
4.87	606	606	607	607	607	607	608	608	608	608	3
4.88	609	609	609	609	610	610	610	610	611	611	2
4.89	611	611	612	612	612	612	613	613	613	613	3
4.9	614	614	614	614	615	615	615	615	616	616	2
4.91	616	616	617	617	617	617	618	618	618	618	3
4.92	619	619	619	619	620	620	620	620	621	621	2
4.93	621	621	622	622	622	622	623	623	623	623	3
4.94	624	624	624	624	625	625	625	625	626	626	2
4.95	626	626	626	627	627	627	627	628	628	628	2
4.96	628	629	629	629	629	630	630	630	630	631	3
4.97	631	631	631	632	632	632	632	633	633	633	2
4.98	633	634	634	634	634	635	635	635	635	636	3
4.99	636	636	636	637	637	637	637	638	638	638	2
5	638	639	639	639	639	640	640	640	640	641	3
5.01	641	641	641	642	642	642	642	643	643	643	2
5.02	643	644	644	644	644	645	645	645	645	646	3
5.03	646	646	646	647	647	647	647	648	648	648	2
5.04	648	649	649	649	649	650	650	650	650	651	3

5.05	651	651	651	652	652	652	652	653	653	653	2
5.06	653	654	654	654	654	655	655	655	655	656	3
5.07	656	656	656	657	657	657	657	657	658	658	2
5.08	658	658	659	659	659	659	660	660	660	660	3
5.09	661	661	661	661	662	662	662	662	663	663	2
5.1	663	663	664	664	664	664	665	665	665	665	3
5.11	666	666	666	666	667	667	667	667	668	668	2
5.12	668	668	669	669	669	669	670	670	670	670	3
5.13	671	671	671	671	672	672	672	672	673	673	2
5.14	673	673	674	674	674	674	675	675	675	675	3
5.15	676	676	676	676	677	677	677	677	678	678	2
5.16	678	678	679	679	679	679	680	680	680	680	3
5.17	681	681	681	681	682	682	682	682	683	683	2
5.18	683	683	684	684	684	684	685	685	685	685	3
5.19	686	686	686	686	687	687	687	687	688	688	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:27:15 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 34.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/15/2010 @ 13:52:29 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: Coincident to table 33 at and above 4.2 m.

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
5.2	688*	688	689	689	689	689	690	690	690	690	3
5.21	691	691	691	691	692	692	692	692	693	693	2
5.22	693	693	694	694	694	695	695	695	695	696	3

5.23	696	696	696	697	697	697	697	698	698	698	2
5.24	698	699	699	699	699	700	700	700	700	701	3
5.25	701	701	702	702	702	702	703	703	703	703	3
5.26	704	704	704	704	705	705	705	705	706	706	2
5.27	706	706	707	707	707	708	708	708	708	709	3
5.28	709	709	709	710	710	710	710	711	711	711	2
5.29	711	712	712	712	712	713	713	713	713	714	3
5.3	714*	714	715	715	715	716	716	716	716	717	3
5.31	717	717	718	718	718	719	719	719	720	720	3
5.32	720	720	721	721	721	722	722	722	723	723	3
5.33	723	724	724	724	724	725	725	725	726	726	3
5.34	726	727	727	727	727	728	728	728	729	729	3
5.35	729	730	730	730	731	731	731	731	732	732	3
5.36	732	733	733	733	734	734	734	735	735	735	3
5.37	735	736	736	736	737	737	737	738	738	738	4
5.38	739	739	739	739	740	740	740	741	741	741	3
5.39	742	742	742	743	743	743	743	744	744	744	3
5.4	745	745	745	746	746	746	747	747	747	747	3
5.41	748	748	748	749	749	749	750	750	750	750	3
5.42	751	751	751	752	752	752	753	753	753	754	3
5.43	754	754	754	755	755	755	756	756	756	757	3
5.44	757	757	758	758	758	758	759	759	759	760	3
5.45	760	760	761	761	761	762	762	762	762	763	3
5.46	763	763	764	764	764	765	765	765	766	766	3
5.47	766	766	767	767	767	768	768	768	769	769	3
5.48	769	770	770	770	770	771	771	771	772	772	3
5.49	772	773	773	773	773	774	774	774	775	775	3
5.5	775	776	776	776	777	777	777	777	778	778	3
5.51	778	779	779	779	780	780	780	781	781	781	3
5.52	781	782	782	782	783	783	783	784	784	784	4
5.53	785	785	785	785	786	786	786	787	787	787	3
5.54	788	788	788	789	789	789	789	790	790	790	3
5.55	791	791	791	792	792	792	793	793	793	793	3

5.56	794	794	794	795	795	795	796	796	796	796	3
5.57	797	797	797	798	798	798	799	799	799	800	3
5.58	800	800	800	801	801	801	802	802	802	803	3
5.59	803	803	804	804	804	804	805	805	805	806	3

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:27:15 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 34.000 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by import on 12/15/2010 @ 13:52:29 PST, Updated by import on 10/13/2011 @ 19:29:28 UTC
 Remarks: Coincident to table 33 at and above 4.2 m.

EXPANDED RATING TABLE

Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
	0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
5.6	806*	806	807	807	807	808	808	808	809	809	3
5.61	809	810	810	810	811	811	811	812	812	812	4
5.62	813	813	813	814	814	815	815	815	816	816	3
5.63	816	817	817	817	818	818	818	819	819	819	4
5.64	820	820	820	821	821	821	822	822	822	823	3
5.65	823	823	824	824	824	825	825	825	826	826	3
5.66	826	827	827	827	828	828	828	829	829	829	4
5.67	830	830	830	831	831	832	832	832	833	833	3
5.68	833	834	834	834	835	835	835	836	836	836	4
5.69	837	837	837	838	838	838	839	839	839	840	3
5.7	840*	840	841	841	841	842	842	842	843	843	3
5.71	843	844	844	844	845	845	845	846	846	846	4
5.72	847	847	847	848	848	849	849	849	850	850	3
5.73	850	851	851	851	852	852	852	853	853	853	4
5.74	854	854	854	855	855	855	856	856	856	857	3

5.75	857	857	858	858	858	859	859	859	860	860	3
5.76	860	861	861	861	862	862	862	863	863	863	4
5.77	864	864	864	865	865	866	866	866	867	867	3
5.78	867	868	868	868	869	869	869	870	870	870	4
5.79	871	871	871	872	872	872	873	873	873	874	3
5.8	874*										

* indicates a rating descriptor point

ID	Starting Date	Ending Aging	Comments
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34	01/01/2010 00:00:00 PST	01/01/201:	4

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 35 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 02/14/2012 @ 23:55:48 UTC, Updated by russell.marynowski on 04/17/2013 @ 20:55:41 UTC

Remarks: First Curve Created in HWS

Offset1: 0.94 Offset2: 1.02
Breakpoint1: 4.32

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
1.22	15.9*	16	16	16.1	16.2	16.3	16.3	16.4	16.5	16.6	0.7
1.23	16.6	16.7	16.8	16.9	16.9	17	17.1	17.2	17.3	17.3	0.8
1.24	17.4	17.5	17.6	17.6	17.7	17.8	17.9	18	18	18.1	0.8
1.25	18.2	18.3	18.3	18.4	18.5	18.6	18.7	18.7	18.8	18.9	0.8
1.26	19	19.1	19.1	19.2	19.3	19.4	19.5	19.5	19.6	19.7	0.8
1.27	19.8	19.9	19.9	20	20.1	20.2	20.3	20.3	20.4	20.5	0.8
1.28	20.6	20.7	20.7	20.8	20.9	21	21.1	21.1	21.2	21.3	0.8
1.29	21.4	21.5	21.6	21.6	21.7	21.8	21.9	22	22	22.1	0.8
1.3	22.2	22.3	22.4	22.5	22.5	22.6	22.7	22.8	22.9	23	0.8
1.31	23	23.1	23.2	23.3	23.4	23.5	23.5	23.6	23.7	23.8	0.9
1.32	23.9	24	24	24.1	24.2	24.3	24.4	24.5	24.5	24.6	0.8
1.33	24.7	24.8	24.9	25	25.1	25.1	25.2	25.3	25.4	25.5	0.9
1.34	25.6	25.7	25.7	25.8	25.9	26	26.1	26.2	26.3	26.3	0.8
1.35	26.4	26.5	26.6	26.7	26.8	26.9	26.9	27	27.1	27.2	0.9
1.36	27.3	27.4	27.5	27.5	27.6	27.7	27.8	27.9	28	28.1	0.9
1.37	28.2	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	28.9	0.8
1.38	29	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.7	29.8	0.9
1.39	29.9	30	30.1	30.2	30.3	30.4	30.5	30.5	30.6	30.7	0.9
1.4	30.8	30.9	31	31.1	31.2	31.3	31.3	31.4	31.5	31.6	0.9

1.41	31.7	31.8	31.9	32	32.1	32.2	32.3	32.3	32.4	32.5	0.9
1.42	32.6	32.7	32.8	32.9	33	33.1	33.2	33.3	33.3	33.4	0.9
1.43	33.5	33.6	33.7	33.8	33.9	34	34.1	34.2	34.3	34.3	0.9
1.44	34.4	34.5	34.6	34.7	34.8	34.9	35	35.1	35.2	35.3	1
1.45	35.4	35.5	35.5	35.6	35.7	35.8	35.9	36	36.1	36.2	0.9
1.46	36.3	36.4	36.5	36.6	36.7	36.8	36.9	36.9	37	37.1	0.9
1.47	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	38	38.1	1
1.48	38.2	38.3	38.4	38.5	38.5	38.6	38.7	38.8	38.9	39	0.9
1.49	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	40	1
1.5	40.1	40.2	40.3	40.4	40.4	40.5	40.6	40.7	40.8	40.9	0.9
1.51	41	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	1
1.52	42	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	1
1.53	43	43.1	43.2	43.3	43.3	43.4	43.5	43.6	43.7	43.8	0.9
1.54	43.9	44	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	1
1.55	44.9	45	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	1
1.56	45.9	46	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	1
1.57	46.9	47	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	1
1.58	47.9	48	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	1
1.59	48.9	49	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	1
1.6	49.9	50	50.1	50.2	50.3	50.4	50.5	50.6	50.7	50.8	1
1.61	50.9	51	51.1	51.2	51.3	51.4	51.5	51.6	51.7	51.8	1

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 35 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 02/14/2012 @ 23:55:48 UTC, Updated by russell.marynowski on 04/17/2013 @ 20:55:41 UTC

Remarks: First Curve Created in HWS

Offset1: 0.94 Offset2: 1.02
Breakpoint 4.32

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
1.62	51.9	52	52.1	52.2	52.3	52.4	52.5	52.6	52.7	52.8	1
1.63	52.9	53	53.2	53.3	53.4	53.5	53.6	53.7	53.8	53.9	1.1
1.64	54	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	1
1.65	55	55.1	55.2	55.3	55.4	55.5	55.6	55.7	55.8	55.9	1
1.66	56	56.1	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57	1.1
1.67	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58	1
1.68	58.1	58.2	58.3	58.4	58.6	58.7	58.8	58.9	59	59.1	1.1
1.69	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60	60.1	1
1.7	60.2	60.3	60.4	60.6	60.7	60.8	60.9	61	61.1	61.2	1.1
1.71	61.3	61.4	61.5	61.6	61.7	61.8	61.9	62	62.2	62.3	1.1
1.72	62.4	62.5	62.6	62.7	62.8	62.9	63	63.1	63.2	63.3	1
1.73	63.4	63.5	63.6	63.8	63.9	64	64.1	64.2	64.3	64.4	1.1
1.74	64.5	64.6	64.7	64.8	64.9	65	65.2	65.3	65.4	65.5	1.1
1.75	65.6	65.7	65.8	65.9	66	66.1	66.2	66.3	66.5	66.6	1.1
1.76	66.7	66.8	66.9	67	67.1	67.2	67.3	67.4	67.5	67.6	1.1
1.77	67.8	67.9	68	68.1	68.2	68.3	68.4	68.5	68.6	68.7	1.1
1.78	68.9	69	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	1
1.79	69.9	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	1.1
1.8	71	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72	1.2
1.81	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73	73.2	1.1
1.82	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74	74.2	74.3	1.1
1.83	74.4	74.5	74.6	74.7	74.8	74.9	75	75.2	75.3	75.4	1.1
1.84	75.5	75.6	75.7	75.8	75.9	76.1	76.2	76.3	76.4	76.5	1.1
1.85	76.6	76.7	76.8	77	77.1	77.2	77.3	77.4	77.5	77.6	1.1
1.86	77.7	77.9	78	78.1	78.2	78.3	78.4	78.5	78.6	78.8	1.2
1.87	78.9	79	79.1	79.2	79.3	79.4	79.6	79.7	79.8	79.9	1.1
1.88	80	80.1	80.2	80.3	80.5	80.6	80.7	80.8	80.9	81	1.1
1.89	81.1	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.1	82.2	1.2
1.9	82.3	82.4	82.5	82.6	82.7	82.9	83	83.1	83.2	83.3	1.1
1.91	83.4	83.5	83.7	83.8	83.9	84	84.1	84.2	84.4	84.5	1.2
1.92	84.6	84.7	84.8	84.9	85	85.2	85.3	85.4	85.5	85.6	1.1

1.93	85.7	85.9	86	86.1	86.2	86.3	86.4	86.6	86.7	86.8	1.2
1.94	86.9	87	87.1	87.2	87.4	87.5	87.6	87.7	87.8	87.9	1.2
1.95	88.1	88.2	88.3	88.4	88.5	88.6	88.8	88.9	89	89.1	1.1
1.96	89.2	89.3	89.5	89.6	89.7	89.8	89.9	90	90.2	90.3	1.2
1.97	90.4	90.5	90.6	90.7	90.9	91	91.1	91.2	91.3	91.5	1.2
1.98	91.6	91.7	91.8	91.9	92	92.2	92.3	92.4	92.5	92.6	1.1
1.99	92.7	92.9	93	93.1	93.2	93.3	93.5	93.6	93.7	93.8	1.2
2	93.9	94	94.2	94.3	94.4	94.5	94.6	94.8	94.9	95	1.2
2.01	95.1	95.2	95.4	95.5	95.6	95.7	95.8	95.9	96.1	96.2	1.2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 35 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 02/14/2012 @ 23:55:48 UTC,

Updated by russell.marynowski on 04/17/2013 @ 20:55:41 UTC

Remarks: First Curve Created in HWS

Offset1: 0.94 Offset2: 1.02
Breakpoint 4.32

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
2.02	96.3	96.4	96.5	96.7	96.8	96.9	97	97.1	97.3	97.4	1.2
2.03	97.5	97.6	97.7	97.9	98	98.1	98.2	98.3	98.5	98.6	1.2
2.04	98.7	98.8	98.9	99.1	99.2	99.3	99.4	99.5	99.7	99.8	1.2
2.05	99.9	100	100	100	100	100	101	101	101	101	1.1
2.06	101	101	101	101	102	102	102	102	102	102	1
2.07	102	102	103	103	103	103	103	103	103	103	2
2.08	104	104	104	104	104	104	104	104	104	105	1
2.09	105	105	105	105	105	105	105	106	106	106	1
2.1	106	106	106	106	106	107	107	107	107	107	1

2.11	107	107	107	108	108	108	108	108	108	108	108	1
2.12	108	109	109	109	109	109	109	109	109	109	109	2
2.13	110	110	110	110	110	110	110	110	111	111	111	1
2.14	111	111	111	111	111	111	111	112	112	112	112	1
2.15	112	112	112	112	113	113	113	113	113	113	113	1
2.16	113	113	114	114	114	114	114	114	114	114	114	2
2.17	115	115	115	115	115	115	115	115	116	116	116	1
2.18	116	116	116	116	116	116	117	117	117	117	117	1
2.19	117	117	117	117	118	118	118	118	118	118	118	1
2.2	118	118	119	119	119	119	119	119	119	119	119	2
2.21	120	120	120	120	120	120	120	120	121	121	121	1
2.22	121	121	121	121	121	121	122	122	122	122	122	1
2.23	122	122	122	122	123	123	123	123	123	123	123	1
2.24	123	123	124	124	124	124	124	124	124	124	124	2
2.25	125	125	125	125	125	125	125	126	126	126	126	1
2.26	126	126	126	126	126	127	127	127	127	127	127	1
2.27	127	127	127	128	128	128	128	128	128	128	128	1
2.28	128	129	129	129	129	129	129	129	129	130	130	2
2.29	130	130	130	130	130	130	130	131	131	131	131	1
2.3	131	131	131	131	132	132	132	132	132	132	132	1
2.31	132	132	133	133	133	133	133	133	133	133	133	2
2.32	134	134	134	134	134	134	134	134	135	135	135	1
2.33	135	135	135	135	135	136	136	136	136	136	136	1
2.34	136	136	136	137	137	137	137	137	137	137	137	1
2.35	137	138	138	138	138	138	138	138	139	139	139	2
2.36	139	139	139	139	139	139	140	140	140	140	140	1
2.37	140	140	140	140	141	141	141	141	141	141	141	1
2.38	141	142	142	142	142	142	142	142	142	143	143	2
2.39	143	143	143	143	143	143	144	144	144	144	144	1
2.4	144	144	144	144	145	145	145	145	145	145	145	1
2.41	145	145	146	146	146	146	146	146	146	147	147	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 35 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 02/14/2012 @ 23:55:48 UTC, Updated by russell.marynowski on 04/17/2013 @ 20:55:41 UTC

Remarks: First Curve Created in HWS

Offset1: 0.94 Offset2: 1.02
Breakpoint 4.32

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
2.42	147	147	147	147	147	147	147	147	148	148	148	1
2.43	148	148	148	148	149	149	149	149	149	149	149	1
2.44	149	149	150	150	150	150	150	150	150	150	151	2
2.45	151	151	151	151	151	151	151	151	152	152	152	1
2.46	152	152	152	152	153	153	153	153	153	153	153	1
2.47	153	153	154	154	154	154	154	154	154	154	155	2
2.48	155	155	155	155	155	155	155	155	156	156	156	1
2.49	156	156	156	156	157	157	157	157	157	157	157	1
2.5	157	157	158	158	158	158	158	158	158	158	159	2
2.51	159	159	159	159	159	159	159	160	160	160	160	1
2.52	160	160	160	160	161	161	161	161	161	161	161	1
2.53	161	162	162	162	162	162	162	162	162	162	163	2
2.54	163	163	163	163	163	163	163	164	164	164	164	1
2.55	164	164	164	165	165	165	165	165	165	165	165	1
2.56	165	166	166	166	166	166	166	166	166	167	167	2
2.57	167	167	167	167	167	168	168	168	168	168	168	1
2.58	168	168	168	169	169	169	169	169	169	169	169	2
2.59	170	170	170	170	170	170	170	170	171	171	171	1
2.6	171	171	171	171	172	172	172	172	172	172	172	1
2.61	172	172	173	173	173	173	173	173	173	173	174	2
2.62	174	174	174	174	174	174	174	175	175	175	175	1

2.63	175	175	175	176	176	176	176	176	176	176	176	1
2.64	176	177	177	177	177	177	177	177	177	178	178	2
2.65	178	178	178	178	178	179	179	179	179	179	179	1
2.66	179	179	180	180	180	180	180	180	180	180	181	2
2.67	181	181	181	181	181	181	181	181	182	182	182	1
2.68	182	182	182	182	183	183	183	183	183	183	183	1
2.69	183	184	184	184	184	184	184	184	184	185	185	2
2.7	185	185	185	185	185	186	186	186	186	186	186	1
2.71	186	186	187	187	187	187	187	187	187	187	188	2
2.72	188	188	188	188	188	188	188	189	189	189	189	1
2.73	189	189	189	189	190	190	190	190	190	190	190	1
2.74	190	191	191	191	191	191	191	191	191	192	192	2
2.75	192	192	192	192	192	193	193	193	193	193	193	1
2.76	193	193	194	194	194	194	194	194	194	194	195	2
2.77	195	195	195	195	195	195	195	196	196	196	196	1
2.78	196	196	196	197	197	197	197	197	197	197	197	2
2.79	198	198	198	198	198	198	198	198	199	199	199	1
2.8	199	199	199	199	200	200	200	200	200	200	200	1
2.81	200	201	201	201	201	201	201	201	201	202	202	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 35 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 02/14/2012 @ 23:55:48 UTC, Updated by russell.marynowski on 04/17/2013 @ 20:55:41 UTC

Remarks: First Curve Created in HWS

Offset1: 0.94 Offset2: 1.02
Breakpoint 4.32

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009

2.82	202	202	202	202	202	203	203	203	203	203	1
2.83	203	203	204	204	204	204	204	204	204	205	2
2.84	205	205	205	205	205	205	206	206	206	206	1
2.85	206	206	206	207	207	207	207	207	207	207	2
2.86	208	208	208	208	208	208	208	209	209	209	1
2.87	209	209	209	210	210	210	210	210	210	210	2
2.88	211	211	211	211	211	211	211	212	212	212	1
2.89	212	212	212	212	213	213	213	213	213	213	1
2.9	213	214	214	214	214	214	214	214	215	215	2
2.91	215	215	215	215	215	216	216	216	216	216	1
2.92	216	216	217	217	217	217	217	217	218	218	2
2.93	218	218	218	218	218	219	219	219	219	219	1
2.94	219	219	220	220	220	220	220	220	220	221	2
2.95	221	221	221	221	221	221	222	222	222	222	1
2.96	222	222	222	223	223	223	223	223	223	224	2
2.97	224	224	224	224	224	224	225	225	225	225	1
2.98	225	225	225	226	226	226	226	226	226	226	2
2.99	227	227	227	227	227	227	227	228	228	228	1
3	228	228	228	229	229	229	229	229	229	229	2
3.01	230	230	230	230	230	230	230	231	231	231	1
3.02	231	231	231	231	232	232	232	232	232	232	2
3.03	233	233	233	233	233	233	233	234	234	234	1
3.04	234	234	234	234	235	235	235	235	235	235	2
3.05	236	236	236	236	236	236	236	237	237	237	1
3.06	237	237	237	237	238	238	238	238	238	238	1
3.07	238	239	239	239	239	239	239	240	240	240	2
3.08	240	240	240	240	241	241	241	241	241	241	1
3.09	241	242	242	242	242	242	242	243	243	243	2
3.1	243	243	243	243	244	244	244	244	244	244	1
3.11	244	245	245	245	245	245	245	246	246	246	2
3.12	246	246	246	246	247	247	247	247	247	247	1
3.13	247	248	248	248	248	248	248	249	249	249	2
3.14	249	249	249	249	250	250	250	250	250	250	2

3.15	251	251	251	251	251	251	251	252	252	252	1
3.16	252	252	252	252	253	253	253	253	253	253	2
3.17	254	254	254	254	254	254	254	255	255	255	1
3.18	255	255	255	256	256	256	256	256	256	256	2
3.19	257	257	257	257	257	257	258	258	258	258	1
3.2	258	258	258	259	259	259	259	259	259	259	2
3.21	260	260	260	260	260	260	261	261	261	261	1

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 35 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by nicole.ferguson on 02/14/2012 @ 23:55:48 UTC, Updated by russell.marynowski on 04/17/2013 @ 20:55:41 UTC
 Remarks: First Curve Created in HWS

Offset1: 0.94 Offset2: 1.02
 Breakpoint 4.32

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
3.22	261	261	261	262	262	262	262	262	262	263	2
3.23	263	263	263	263	263	263	264	264	264	264	1
3.24	264	264	265	265	265	265	265	265	265	266	2
3.25	266	266	266	266	266	267	267	267	267	267	1
3.26	267	267	268	268	268	268	268	268	269	269	2
3.27	269	269	269	269	269	270	270	270	270	270	1
3.28	270	271	271	271	271	271	271	271	272	272	2
3.29	272	272	272	272	273	273	273	273	273	273	1
3.3	273	274	274	274	274	274	274	275	275	275	2
3.31	275	275	275	275	276	276	276	276	276	276	2
3.32	277	277	277	277	277	277	278	278	278	278	1

3.33	278	278	278	279	279	279	279	279	279	280	2
3.34	280	280	280	280	280	280	281	281	281	281	1
3.35	281	281	282	282	282	282	282	282	282	283	2
3.36	283	283	283	283	283	284	284	284	284	284	1
3.37	284	285	285	285	285	285	285	285	286	286	2
3.38	286	286	286	286	287	287	287	287	287	287	1
3.39	287	288	288	288	288	288	288	289	289	289	2
3.4	289	289	289	290	290	290	290	290	290	290	2
3.41	291	291	291	291	291	291	292	292	292	292	1
3.42	292	292	293	293	293	293	293	293	293	294	2
3.43	294	294	294	294	294	295	295	295	295	295	1
3.44	295	296	296	296	296	296	296	296	297	297	2
3.45	297	297	297	297	298	298	298	298	298	298	2
3.46	299	299	299	299	299	299	299	300	300	300	1
3.47	300	300	300	301	301	301	301	301	301	302	2
3.48	302	302	302	302	302	302	303	303	303	303	1
3.49	303	303	304	304	304	304	304	304	305	305	2
3.5	305	305	305	305	305	306	306	306	306	306	1
3.51	306	307	307	307	307	307	307	308	308	308	2
3.52	308	308	308	309	309	309	309	309	309	309	2
3.53	310	310	310	310	310	310	311	311	311	311	1
3.54	311	311	312	312	312	312	312	312	313	313	2
3.55	313	313	313	313	313	314	314	314	314	314	1
3.56	314	315	315	315	315	315	315	316	316	316	2
3.57	316	316	316	317	317	317	317	317	317	317	2
3.58	318	318	318	318	318	318	319	319	319	319	1
3.59	319	319	320	320	320	320	320	320	321	321	2
3.6	321	321	321	321	322	322	322	322	322	322	1
3.61	322	323	323	323	323	323	323	324	324	324	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick

3.85	362	362	362	362	362	363	363	363	363	363	1
3.86	363	364	364	364	364	364	364	365	365	365	2
3.87	365	365	365	366	366	366	366	366	366	367	2
3.88	367	367	367	367	367	368	368	368	368	368	1
3.89	368	369	369	369	369	369	369	370	370	370	2
3.9	370	370	370	371	371	371	371	371	371	372	2
3.91	372	372	372	372	372	373	373	373	373	373	1
3.92	373	374	374	374	374	374	374	375	375	375	2
3.93	375	375	375	376	376	376	376	376	376	377	2
3.94	377	377	377	377	377	378	378	378	378	378	1
3.95	378	379	379	379	379	379	379	380	380	380	2
3.96	380	380	380	381	381	381	381	381	381	382	2
3.97	382	382	382	382	382	383	383	383	383	383	1
3.98	383	384	384	384	384	384	384	385	385	385	2
3.99	385	385	386	386	386	386	386	386	387	387	2
4	387	387	387	387	388	388	388	388	388	388	2
4.01	389	389	389	389	389	389	390	390	390	390	1

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 35 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 02/14/2012 @ 23:55:48 UTC, Updated by russell.marynowski on 04/17/2013 @ 20:55:41 UTC

Remarks: First Curve Created in HWS

Offset1: 0.94 Offset2: 1.02
Breakpoint 4.32

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER										
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
4.02	390	390	390	391	391	391	391	391	391	392	392	2

4.03	392	392	392	392	393	393	393	393	393	393	2
4.04	394	394	394	394	394	394	395	395	395	395	1
4.05	395	395	396	396	396	396	396	397	397	397	2
4.06	397	397	397	398	398	398	398	398	398	399	2
4.07	399	399	399	399	399	400	400	400	400	400	1
4.08	400	401	401	401	401	401	401	402	402	402	2
4.09	402	402	402	403	403	403	403	403	403	404	2
4.1	404	404	404	404	405	405	405	405	405	405	2
4.11	406	406	406	406	406	406	407	407	407	407	1
4.12	407	407	408	408	408	408	408	408	409	409	2
4.13	409	409	409	409	410	410	410	410	410	410	2
4.14	411	411	411	411	411	412	412	412	412	412	1
4.15	412	413	413	413	413	413	413	414	414	414	2
4.16	414	414	414	415	415	415	415	415	415	416	2
4.17	416	416	416	416	417	417	417	417	417	417	2
4.18	418	418	418	418	418	418	419	419	419	419	1
4.19	419	419	420	420	420	420	420	420	421	421	2
4.2	421	421	421	421	422	422	422	422	422	423	2
4.21	423	423	423	423	423	424	424	424	424	424	1
4.22	424	425	425	425	425	425	425	426	426	426	2
4.23	426	426	427	427	427	427	427	427	428	428	2
4.24	428	428	428	428	429	429	429	429	429	429	2
4.25	430	430	430	430	430	430	431	431	431	431	1
4.26	431	432	432	432	432	432	432	433	433	433	2
4.27	433	433	433	434	434	434	434	434	434	435	2
4.28	435	435	435	435	436	436	436	436	436	436	2
4.29	437	437	437	437	437	437	438	438	438	438	1
4.3	438	438	439	439	439	439	439	440	440	440	2
4.31	440	440	440	441	441	441	441	441	441	442	2
4.32	442*	442	442	442	443	443	443	443	444	444	2
4.33	444	444	444	445	445	445	445	445	446	446	2
4.34	446	446	447	447	447	447	447	448	448	448	2
4.35	448	448	449	449	449	449	450	450	450	450	2

4.36	450	451	451	451	451	451	452	452	452	452	3
4.37	453	453	453	453	453	454	454	454	454	455	2
4.38	455	455	455	455	456	456	456	456	456	457	2
4.39	457	457	457	458	458	458	458	458	459	459	2
4.4	459	459	460	460	460	460	460	461	461	461	2
4.41	461	461	462	462	462	462	463	463	463	463	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m^3/s)
 RATING ID: 35 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by nicole.ferguson on 02/14/2012 @ 23:55:48 UTC, Updated by russell.marynowski on 04/17/2013 @ 20:55:41 UTC
 Remarks: First Curve Created in HWS

Offset1: 0.94 Offset2: 1.02
 Breakpoint 4.32

EXPANDED RATING TABLE

Stage (m)	Discharge (m^3/s)	DIFF IN Q PER										
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
4.42	463	464	464	464	464	464	465	465	465	465	465	3
4.43	466	466	466	466	466	467	467	467	467	467	468	2
4.44	468	468	468	468	468	469	469	469	469	470	470	2
4.45	470	470	470	471	471	471	471	471	472	472	472	2
4.46	472	472	473	473	473	473	473	474	474	474	474	2
4.47	474	475	475	475	475	475	476	476	476	476	476	3
4.48	477	477	477	477	477	477	478	478	478	478	479	2
4.49	479	479	479	479	479	480	480	480	480	481	481	2
4.5	481	481	481	482	482	482	482	482	483	483	483	2
4.51	483	483	484	484	484	484	484	485	485	485	485	2
4.52	485	486	486	486	486	486	487	487	487	487	487	3
4.53	488	488	488	488	488	489	489	489	489	489	490	2
4.54	490	490	490	491	491	491	491	491	491	492	492	2

4.55	492	492	493	493	493	493	493	494	494	494	2
4.56	494	495	495	495	495	496	496	496	496	496	3
4.57	497	497	497	497	498	498	498	498	498	499	2
4.58	499	499	499	500	500	500	500	500	501	501	2
4.59	501	501	502	502	502	502	502	503	503	503	2
4.6	503	504	504	504	504	504	505	505	505	505	3
4.61	506	506	506	506	507	507	507	507	507	508	2
4.62	508	508	508	509	509	509	509	509	510	510	2
4.63	510	510	511	511	511	511	512	512	512	512	2
4.64	512	513	513	513	513	514	514	514	514	514	3
4.65	515	515	515	515	516	516	516	516	517	517	2
4.66	517	517	517	518	518	518	518	519	519	519	2
4.67	519	519	520	520	520	520	521	521	521	521	3
4.68	522	522	522	522	522	523	523	523	523	524	2
4.69	524	524	524	524	525	525	525	525	526	526	2
4.7	526	526	527	527	527	527	527	528	528	528	2
4.71	528	529	529	529	529	530	530	530	530	530	3
4.72	531	531	531	531	532	532	532	532	533	533	2
4.73	533	533	533	534	534	534	534	535	535	535	2
4.74	535	536	536	536	536	536	537	537	537	537	3
4.75	538	538	538	538	539	539	539	539	539	540	2
4.76	540	540	540	541	541	541	541	542	542	542	2
4.77	542	542	543	543	543	543	544	544	544	544	3
4.78	545	545	545	545	545	546	546	546	546	547	2
4.79	547	547	547	548	548	548	548	548	549	549	2
4.8	549	549	550	550	550	550	551	551	551	551	3
4.81	552	552	552	552	552	553	553	553	553	554	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 35 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 02/14/2012 @ 23:55:48 UTC, Updated by russell.marynowski on 04/17/2013 @ 20:55:41 UTC
 Remarks: First Curve Created in HWS

Offset1: 0.94 Offset2: 1.02
 Breakpoint 4.32

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
4.82	554	554	554	555	555	555	555	555	556	556	2
4.83	556	556	557	557	557	557	558	558	558	558	3
4.84	559	559	559	559	559	560	560	560	560	561	2
4.85	561	561	561	562	562	562	562	563	563	563	2
4.86	563	563	564	564	564	564	565	565	565	565	3
4.87	566	566	566	566	567	567	567	567	567	568	2
4.88	568	568	568	569	569	569	569	570	570	570	2
4.89	570	571	571	571	571	571	572	572	572	572	3
4.9	573	573	573	573	574	574	574	574	575	575	2
4.91	575	575	575	576	576	576	576	577	577	577	2
4.92	577	578	578	578	578	579	579	579	579	580	3
4.93	580	580	580	580	581	581	581	581	582	582	2
4.94	582	582	583	583	583	583	584	584	584	584	3
4.95	585	585	585	585	585	586	586	586	586	587	2
4.96	587	587	587	588	588	588	588	589	589	589	2
4.97	589	590	590	590	590	590	591	591	591	591	3
4.98	592	592	592	592	593	593	593	593	594	594	2
4.99	594	594	595	595	595	595	596	596	596	596	2
5	596	597	597	597	597	598	598	598	598	599	3
5.01	599	599	599	600	600	600	600	601	601	601	2
5.02	601	602	602	602	602	602	603	603	603	603	3
5.03	604	604	604	604	605	605	605	605	606	606	2
5.04	606	606	607	607	607	607	608	608	608	608	3
5.05	609	609	609	609	609	610	610	610	610	611	2

5.06	611	611	611	612	612	612	612	613	613	613	2
5.07	613	614	614	614	614	615	615	615	615	616	3
5.08	616	616	616	617	617	617	617	617	618	618	2
5.09	618	618	619	619	619	619	620	620	620	620	3
5.1	621	621	621	621	622	622	622	622	623	623	2
5.11	623	623	624	624	624	624	625	625	625	625	3
5.12	626	626	626	626	627	627	627	627	627	628	2
5.13	628	628	628	629	629	629	629	630	630	630	2
5.14	630	631	631	631	631	632	632	632	632	633	3
5.15	633	633	633	634	634	634	634	635	635	635	2
5.16	635	636	636	636	636	637	637	637	637	638	3
5.17	638	638	638	639	639	639	639	640	640	640	2
5.18	640	641	641	641	641	641	642	642	642	642	3
5.19	643	643	643	643	644	644	644	644	645	645	2
5.2	645	645	646	646	646	646	647	647	647	647	3
5.21	648	648	648	648	649	649	649	649	650	650	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 35 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 02/14/2012 @ 23:55:48 UTC, Updated by russell.marynowski on 04/17/2013 @ 20:55:41 UTC

Remarks: First Curve Created in HWS

Offset1: 0.94 Offset2: 1.02
Breakpoint 4.32

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER										
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	.01 UNITS
5.22	650	650	651	651	651	651	652	652	652	652	652	3
5.23	653	653	653	653	654	654	654	654	655	655	655	2
5.24	655	655	656	656	656	656	657	657	657	657	657	3

5.25	658	658	658	658	659	659	659	659	660	660	2
5.26	660	660	661	661	661	661	662	662	662	662	3
5.27	663	663	663	663	664	664	664	664	665	665	2
5.28	665	665	666	666	666	666	667	667	667	667	3
5.29	668	668	668	668	669	669	669	669	670	670	2
5.3	670	670	671	671	671	671	672	672	672	672	3
5.31	673	673	673	673	674	674	674	674	675	675	2
5.32	675	675	676	676	676	676	677	677	677	677	3
5.33	678	678	678	678	679	679	679	679	680	680	2
5.34	680	680	681	681	681	681	682	682	682	682	3
5.35	683	683	683	683	684	684	684	684	685	685	2
5.36	685	685	686	686	686	686	687	687	687	688	3
5.37	688	688	688	689	689	689	689	690	690	690	2
5.38	690	691	691	691	691	692	692	692	692	693	3
5.39	693	693	693	694	694	694	694	695	695	695	2
5.4	695	696	696	696	696	697	697	697	697	698	3
5.41	698	698	698	699	699	699	699	700	700	700	2
5.42	700	701	701	701	701	702	702	702	703	703	3
5.43	703	703	704	704	704	704	705	705	705	705	3
5.44	706	706	706	706	707	707	707	707	708	708	2
5.45	708	708	709	709	709	709	710	710	710	710	3
5.46	711	711	711	711	712	712	712	712	713	713	2
5.47	713	714	714	714	714	715	715	715	715	716	3
5.48	716	716	716	717	717	717	717	718	718	718	2
5.49	718	719	719	719	719	720	720	720	720	721	3
5.5	721	721	721	722	722	722	723	723	723	723	3
5.51	724	724	724	724	725	725	725	725	726	726	2
5.52	726	726	727	727	727	727	728	728	728	728	3
5.53	729	729	729	730	730	730	730	731	731	731	2
5.54	731	732	732	732	732	733	733	733	733	734	3
5.55	734	734	734	735	735	735	735	736	736	736	3
5.56	737	737	737	737	738	738	738	738	739	739	2
5.57	739	739	740	740	740	740	741	741	741	741	3

5.58	742	742	742	742	743	743	743	744	744	744	2
5.59	744	745	745	745	745	746	746	746	746	747	3
5.6	747	747	747	748	748	748	749	749	749	749	3
5.61	750	750	750	750	751	751	751	751	752	752	2

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF SOURCE AGENCY: AI
 LATITUDE 54.0275 LONGITUDE -124.00778
 Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick
 Rating for Discharge (m³/s)
 RATING ID: 35 TYPE: Unknown EXPANSION: STATUS: Approved
 Created by nicole.ferguson on 02/14/2012 @ 23:55:48 UTC, Updated by russell.marynowski on 04/17/2013 @ 20:55:41 UTC
 Remarks: First Curve Created in HWS

Offset1: 0.94 Offset2: 1.02
 Breakpoint 4.32

EXPANDED RATING TABLE

Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER									
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
5.62	752	752	753	753	753	753	754	754	754	755	3
5.63	755	755	755	756	756	756	756	757	757	757	2
5.64	757	758	758	758	758	759	759	759	760	760	3
5.65	760	760	761	761	761	761	762	762	762	762	3
5.66	763	763	763	763	764	764	764	765	765	765	2
5.67	765	766	766	766	766	767	767	767	767	768	3
5.68	768	768	768	769	769	769	770	770	770	770	3
5.69	771	771	771	771	772	772	772	772	773	773	2
5.7	773	773	774	774	774	775	775	775	775	776	3
5.71	776	776	776	777	777	777	777	778	778	778	3
5.72	779	779	779	779	780	780	780	780	781	781	2
5.73	781	781	782	782	782	783	783	783	783	784	3
5.74	784	784	784	785	785	785	785	786	786	786	3
5.75	787	787	787	787	788	788	788	788	789	789	2

5.76	789	789	790	790	790	791	791	791	791	792	3
5.77	792	792	792	793	793	793	793	794	794	794	3
5.78	795	795	795	795	796	796	796	796	797	797	2
5.79	797	797	798	798	798	799	799	799	799	800	3
5.8	800	800	800	801	801	801	801	802	802	802	3
5.81	803	803	803	803	804	804	804	804	805	805	2
5.82	805	806	806	806	806	807	807	807	807	808	3
5.83	808	808	808	809	809	809	810	810	810	810	3
5.84	811	811	811	811	812	812	812	813	813	813	2
5.85	813	814	814	814	814	815	815	815	815	816	3
5.86	816	816	817	817	817	817	818	818	818	818	3
5.87	819	819	819	820	820	820	820	821	821	821	2
5.88	821	822	822	822	823	823	823	823	824	824	3
5.89	824	824	825	825	825	825	826	826	826	827	3
5.9	827	827	827	828	828	828	828	829	829	829	3
5.91	830	830	830	830	831	831	831	831	832	832	2
5.92	832	833	833	833	833	834	834	834	834	835	3
5.93	835	835	836	836	836	836	837	837	837	837	3
5.94	838	838	838	839	839	839	839	840	840	840	2
5.95	840	841	841	841	842	842	842	842	843	843	3
5.96	843	843	844	844	844	845	845	845	845	846	3
5.97	846	846	846	847	847	847	848	848	848	848	3
5.98	849	849	849	849	850	850	850	851	851	851	2
5.99	851	852	852	852	853	853	853	853	854	854	3
6	854	854	855	855	855	856	856	856	856	857	3
6.01	857	857	857	858	858	858	859	859	859	859	3

STATION NUMBER 08JC001 NECHAKO RIVER AT VANDERHOOF

SOURCE AGENCY: AI

LATITUDE 54.0275 LONGITUDE -124.00778

Date Processed: 10/29/2013 13:27:40 UTC-08:00 By Lauren.Wick

Rating for Discharge (m³/s)

RATING ID: 35 TYPE: Unknown EXPANSION: STATUS: Approved

Created by nicole.ferguson on 02/14/2012 @ 23:55:48 UTC, Updated by russell.marynowski on 04/17/2013 @ 20:55:41 UTC

Remarks: First Curve Created in HWS

Offset1: 0.94 Offset2: 1.02
 Breakpoint 4.32

EXPANDED RATING TABLE

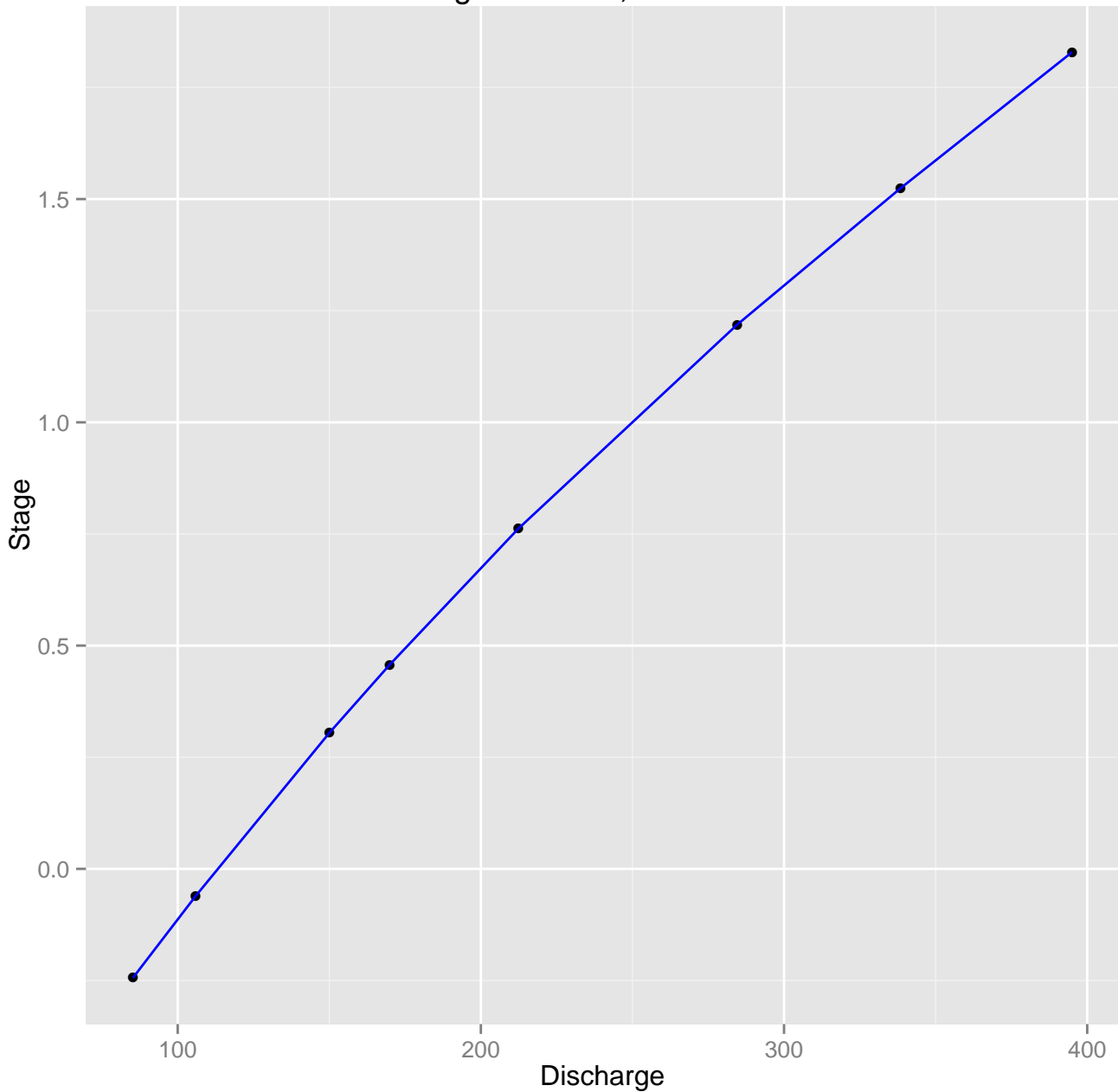
Stage (m)	Discharge (m ³ /s)	DIFF IN Q PER										.01 UNITS
		0	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	
6.02	860	860	860	860	860	861	861	861	862	862	862	2
6.03	862*											

* indicates a rating descriptor point

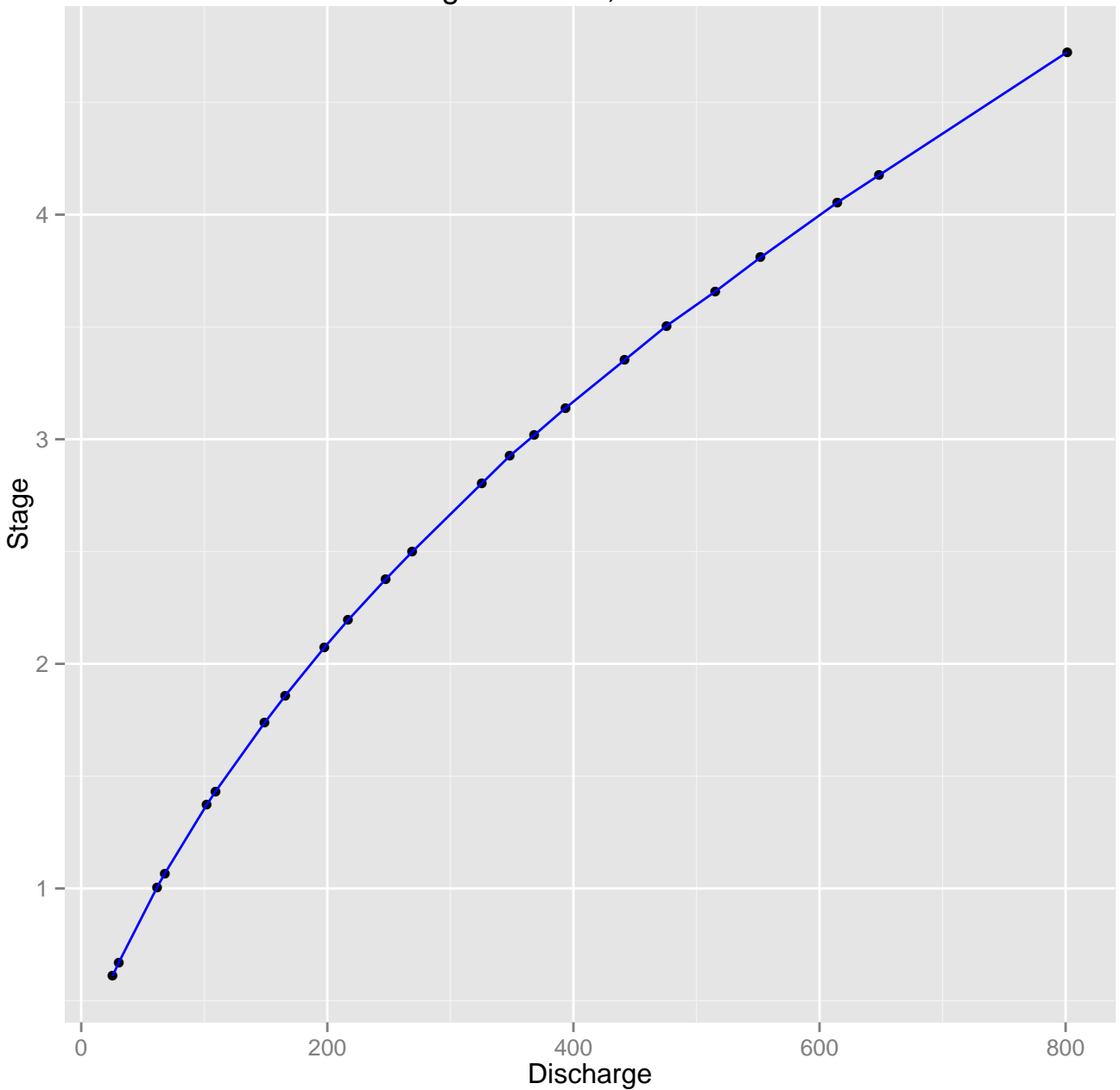
ID	Starting Date	Ending Date	Aging	Comments
35	01/01/2011 13:27:51 UTC-0	01/01/2012 00:00:00 UTC-0		4 First curve created in HWS
35	01/01/2012 00:00:00 UTC-0	12/30/2382 12:00:00 UTC-0		2

7. WSC Rating Curves

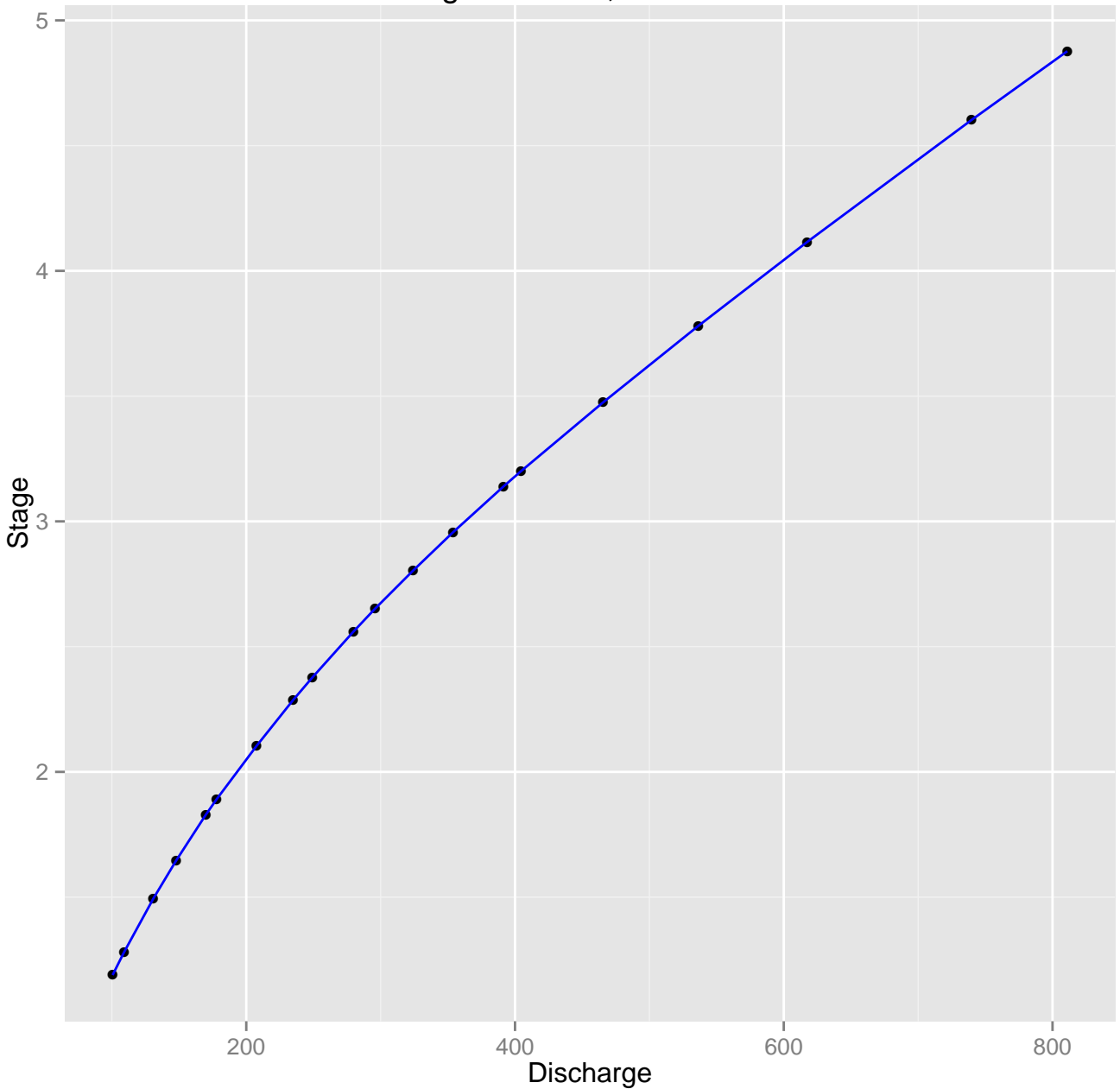
Rating: 08JC001; Table No: .85



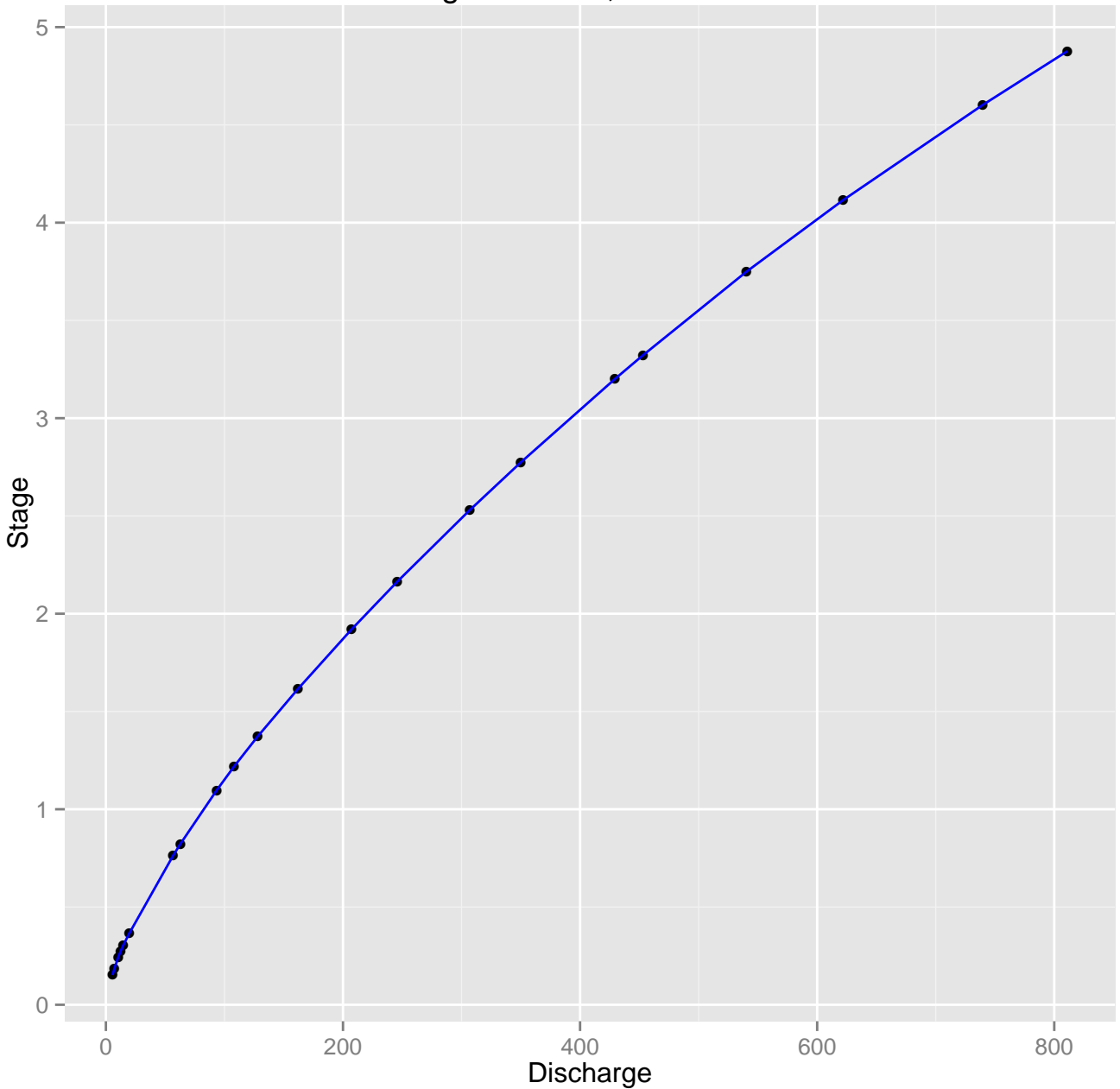
Rating: 08JC001; Table No: .86



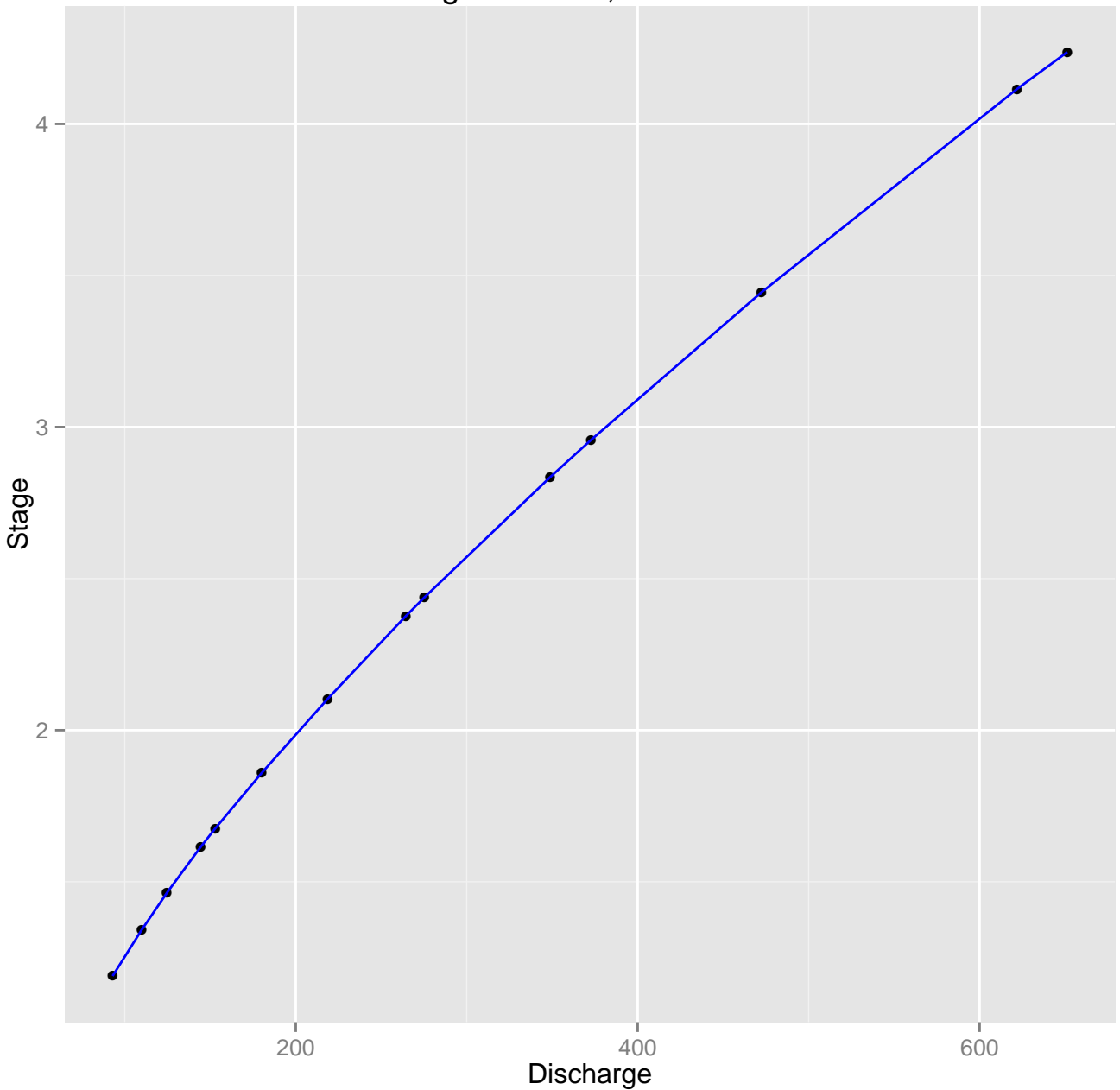
Rating: 08JC001; Table No: .87



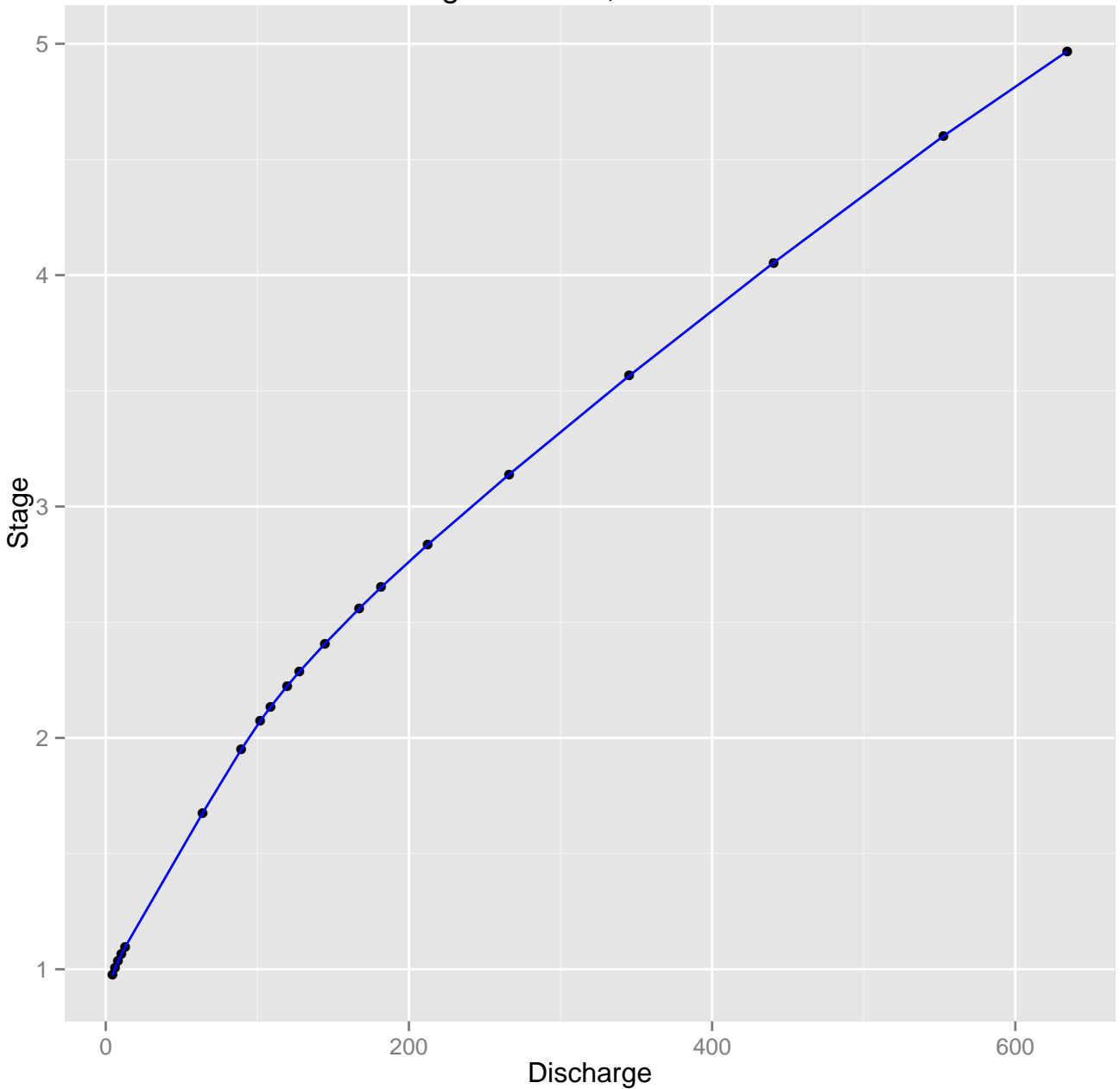
Rating: 08JC001; Table No: .88



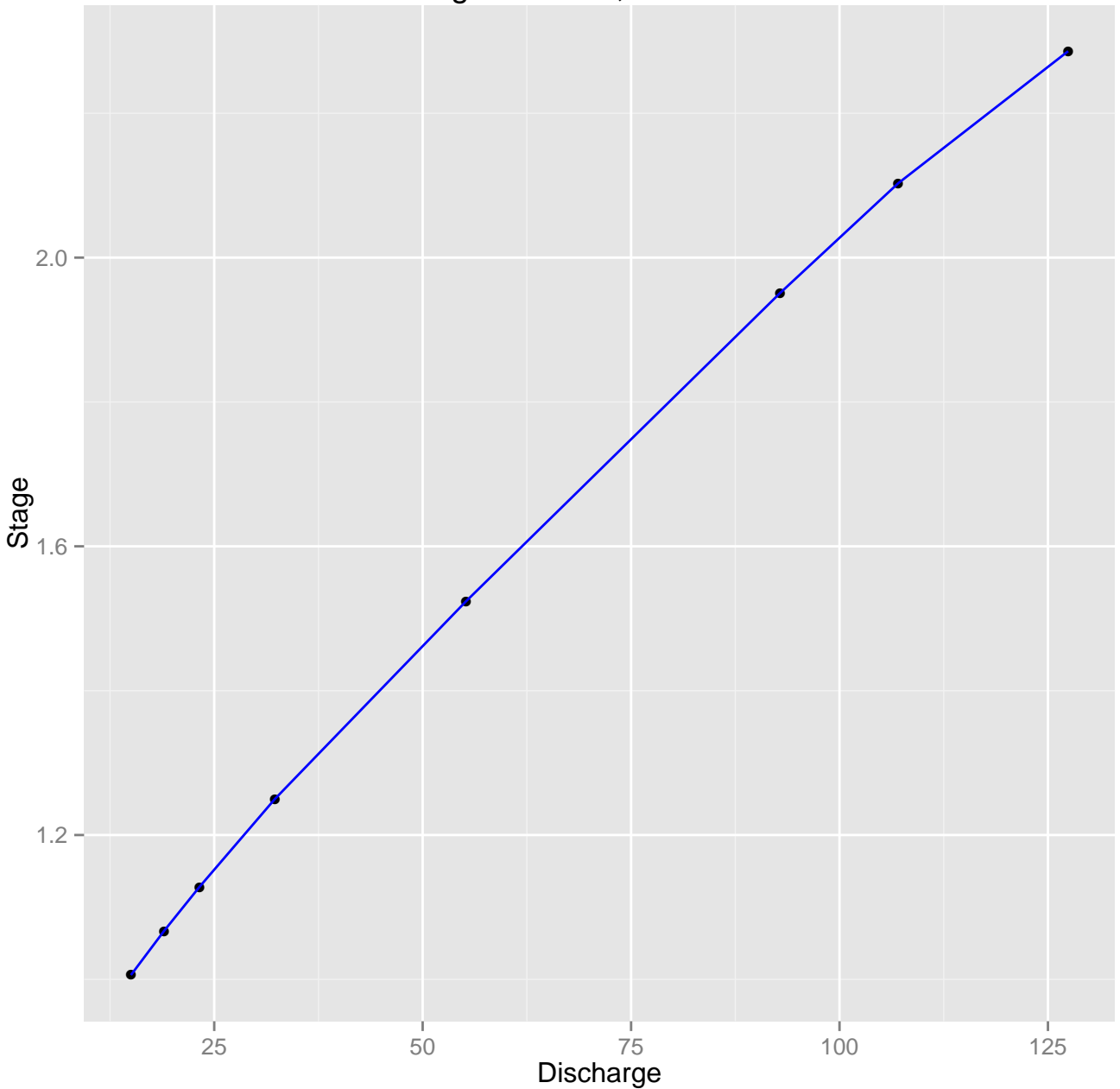
Rating: 08JC001; Table No: .89



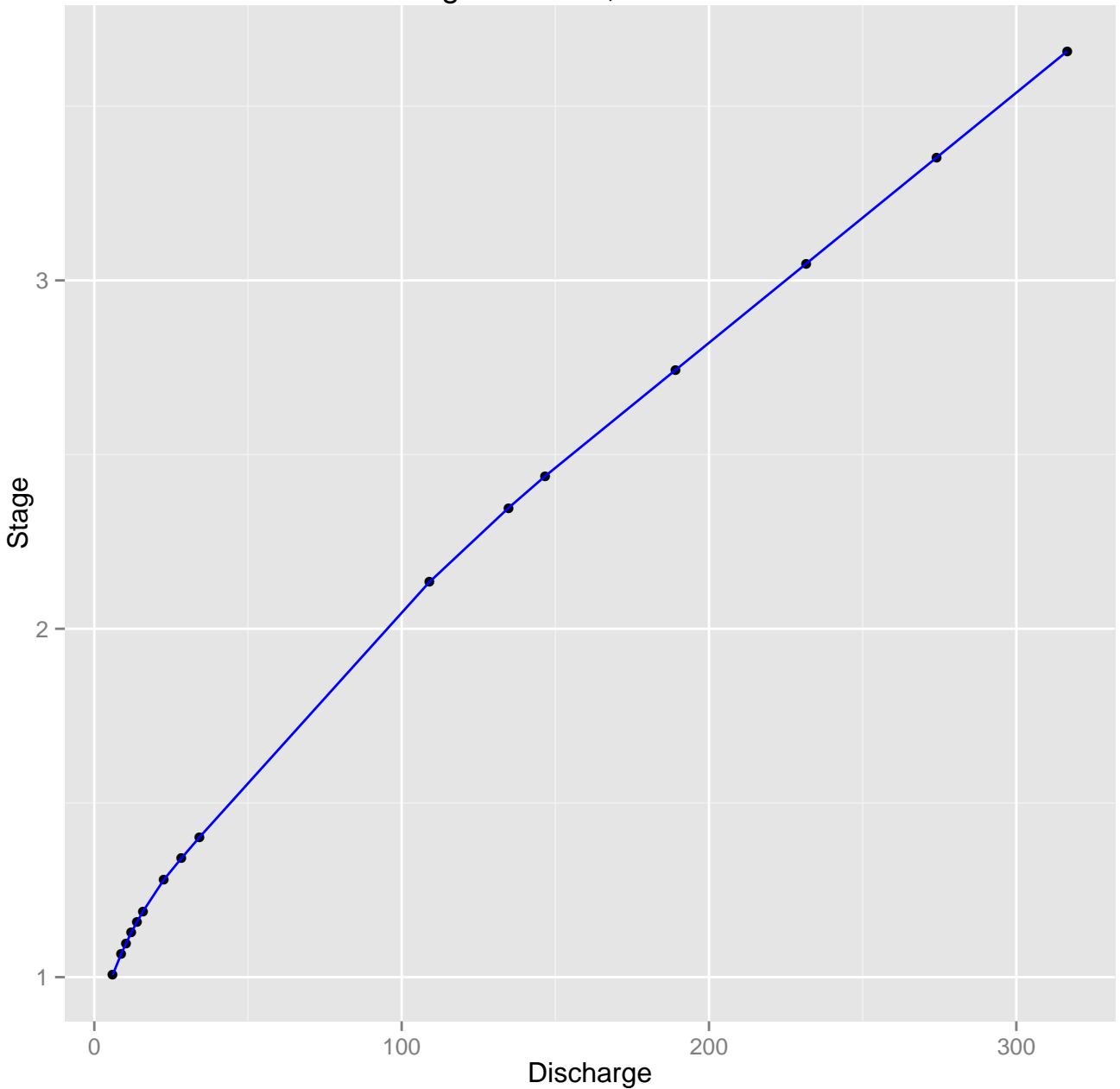
Rating: 08JC001; Table No: .90



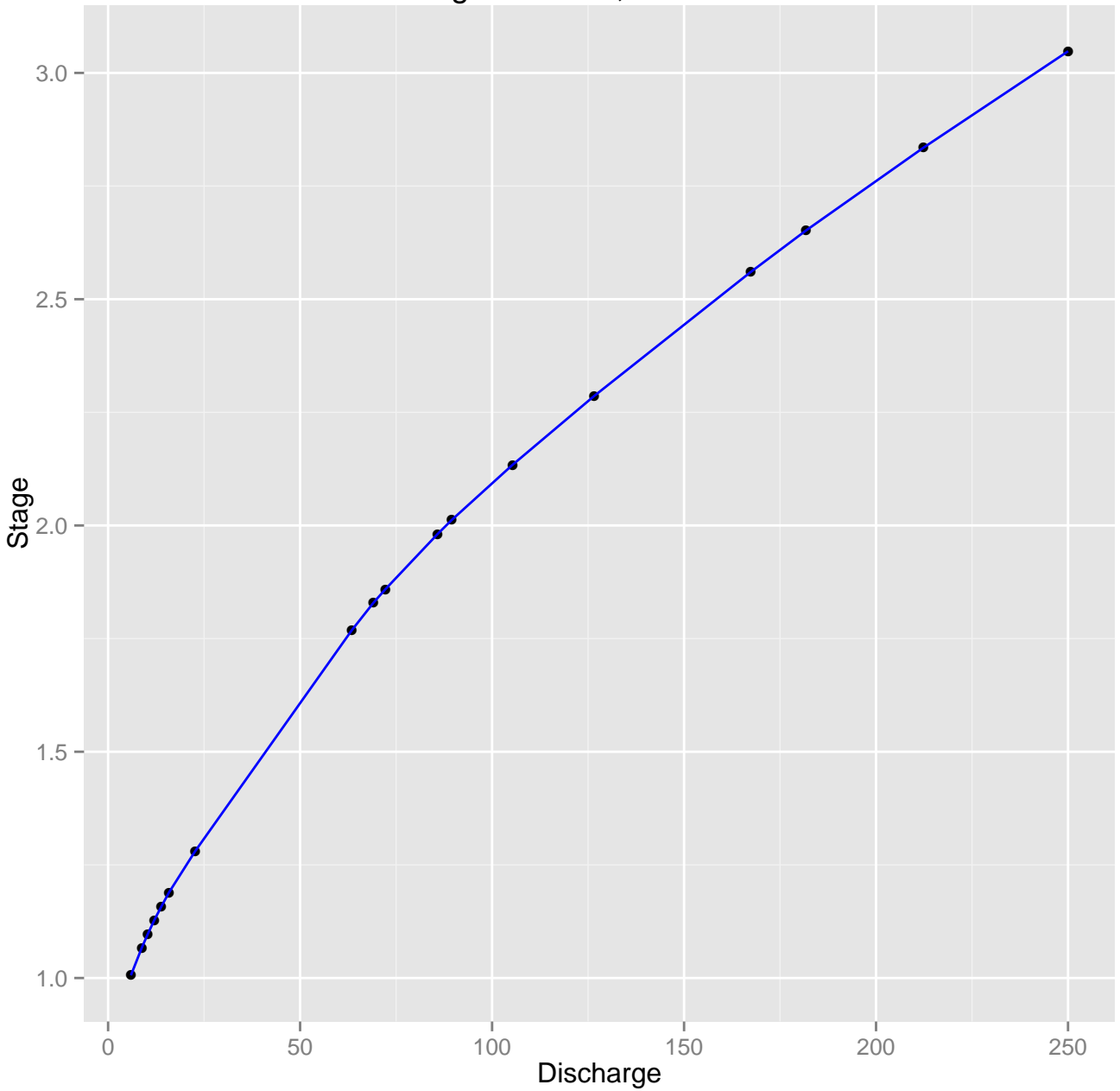
Rating: 08JC001; Table No: .91



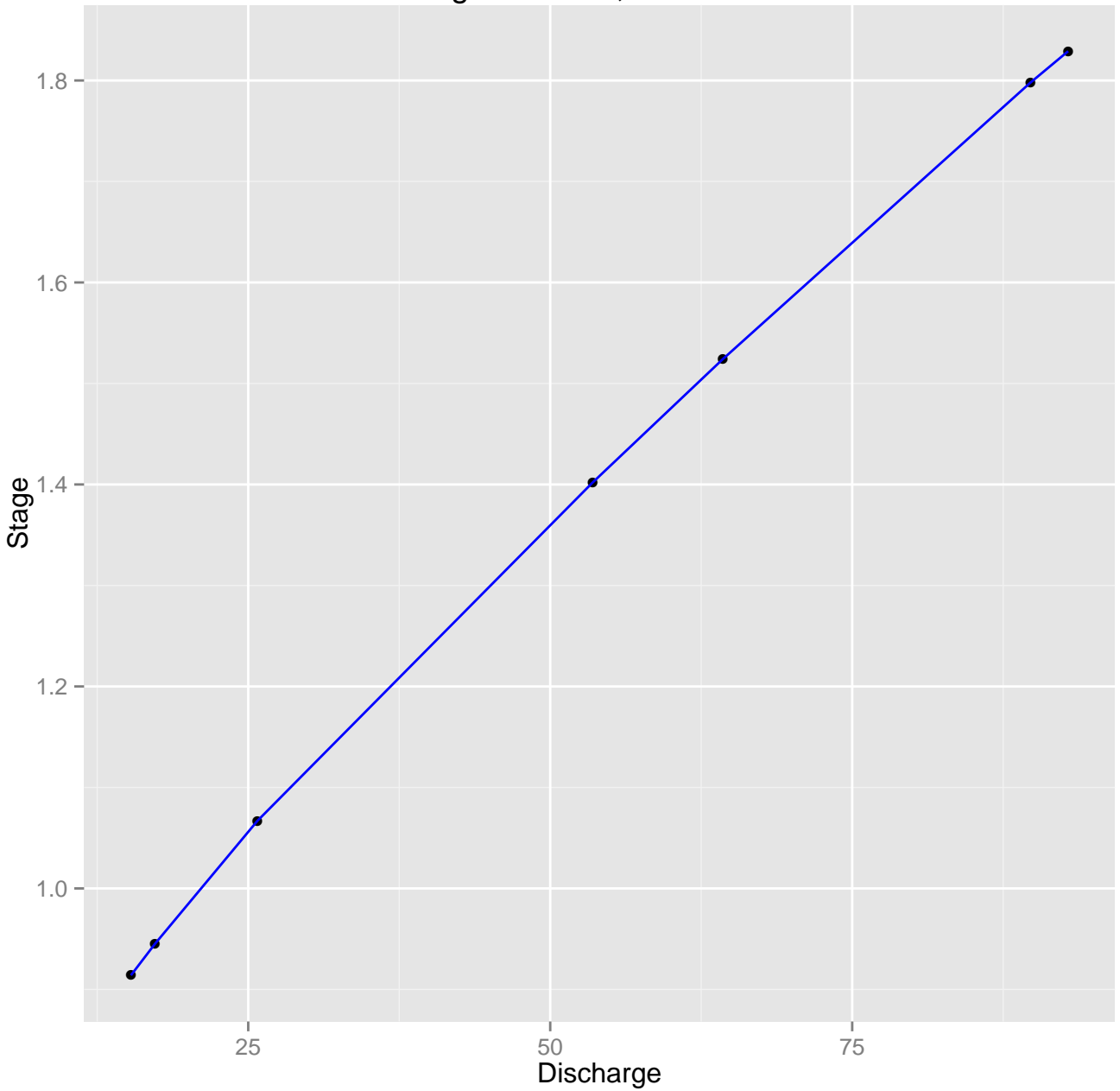
Rating: 08JC001; Table No: .92



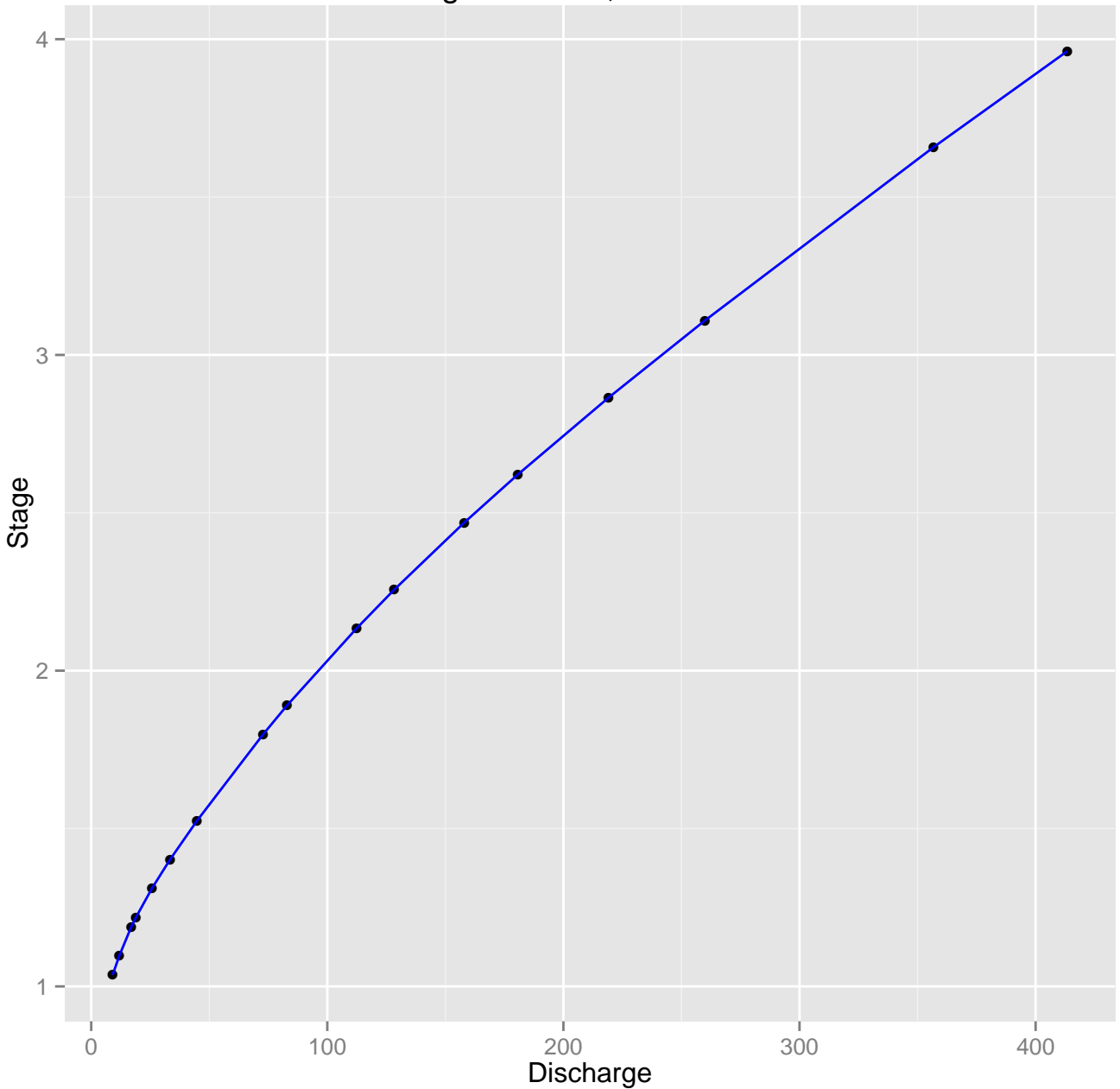
Rating: 08JC001; Table No: .93



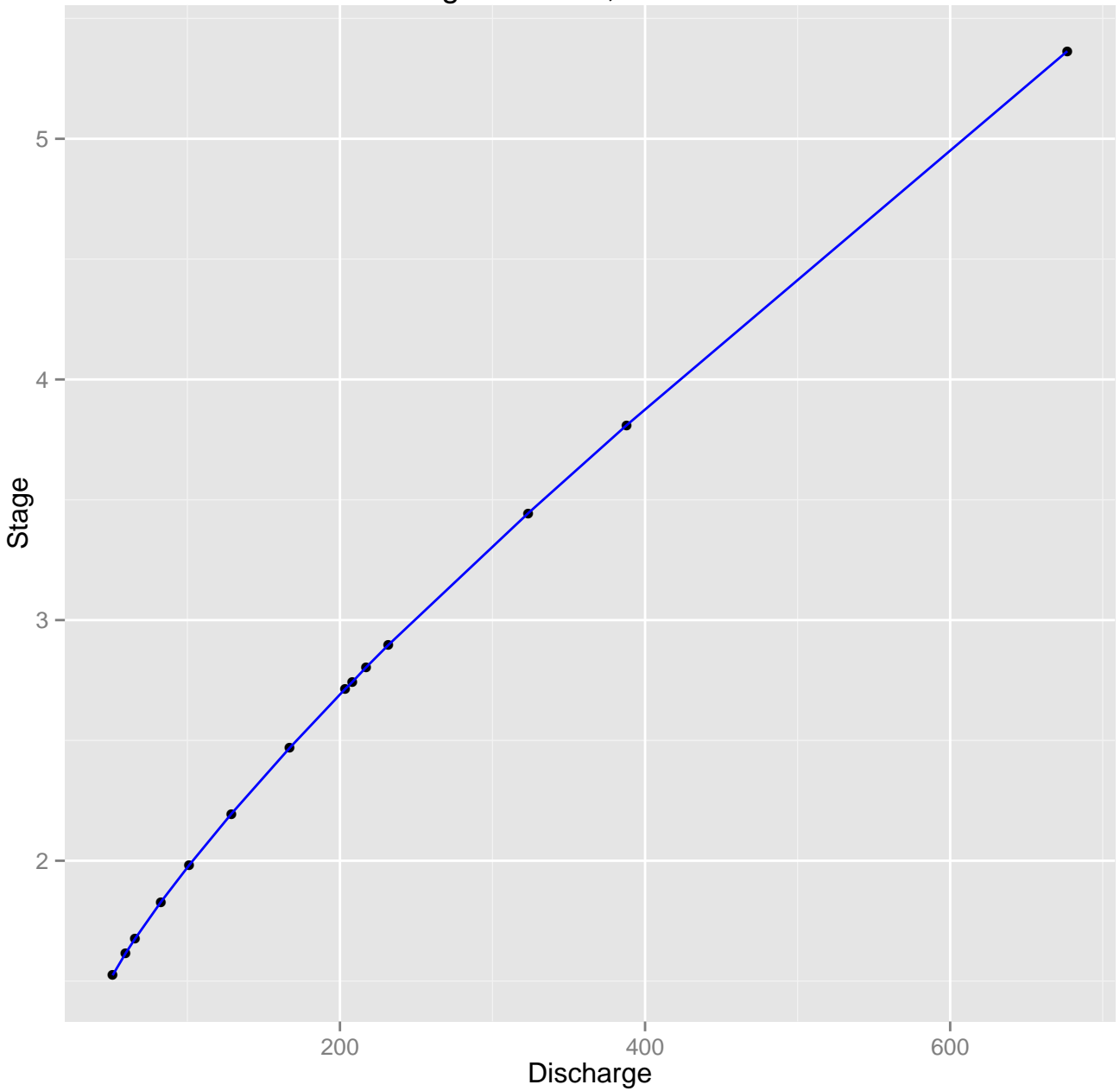
Rating: 08JC001; Table No: .94



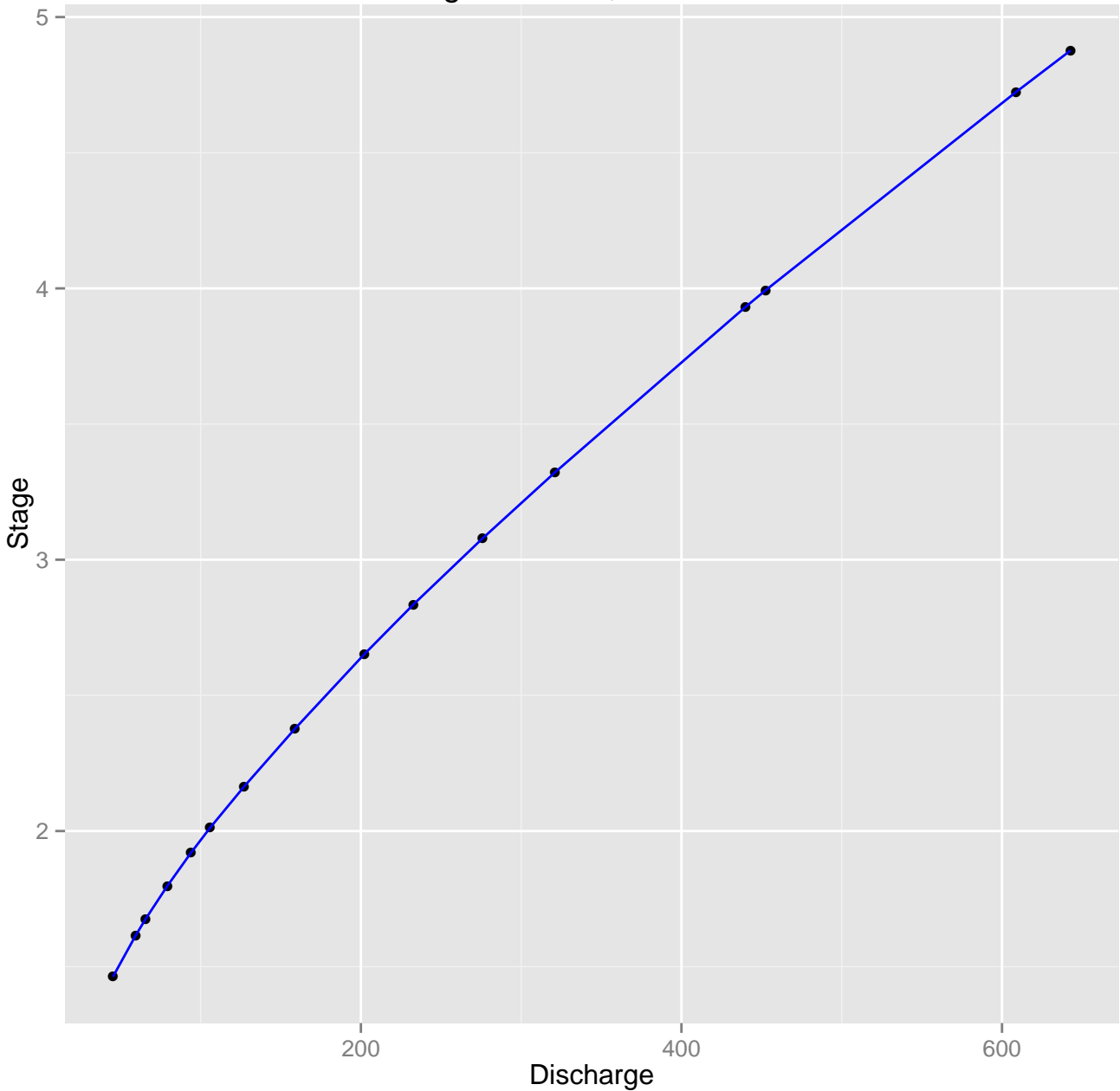
Rating: 08JC001; Table No: .95



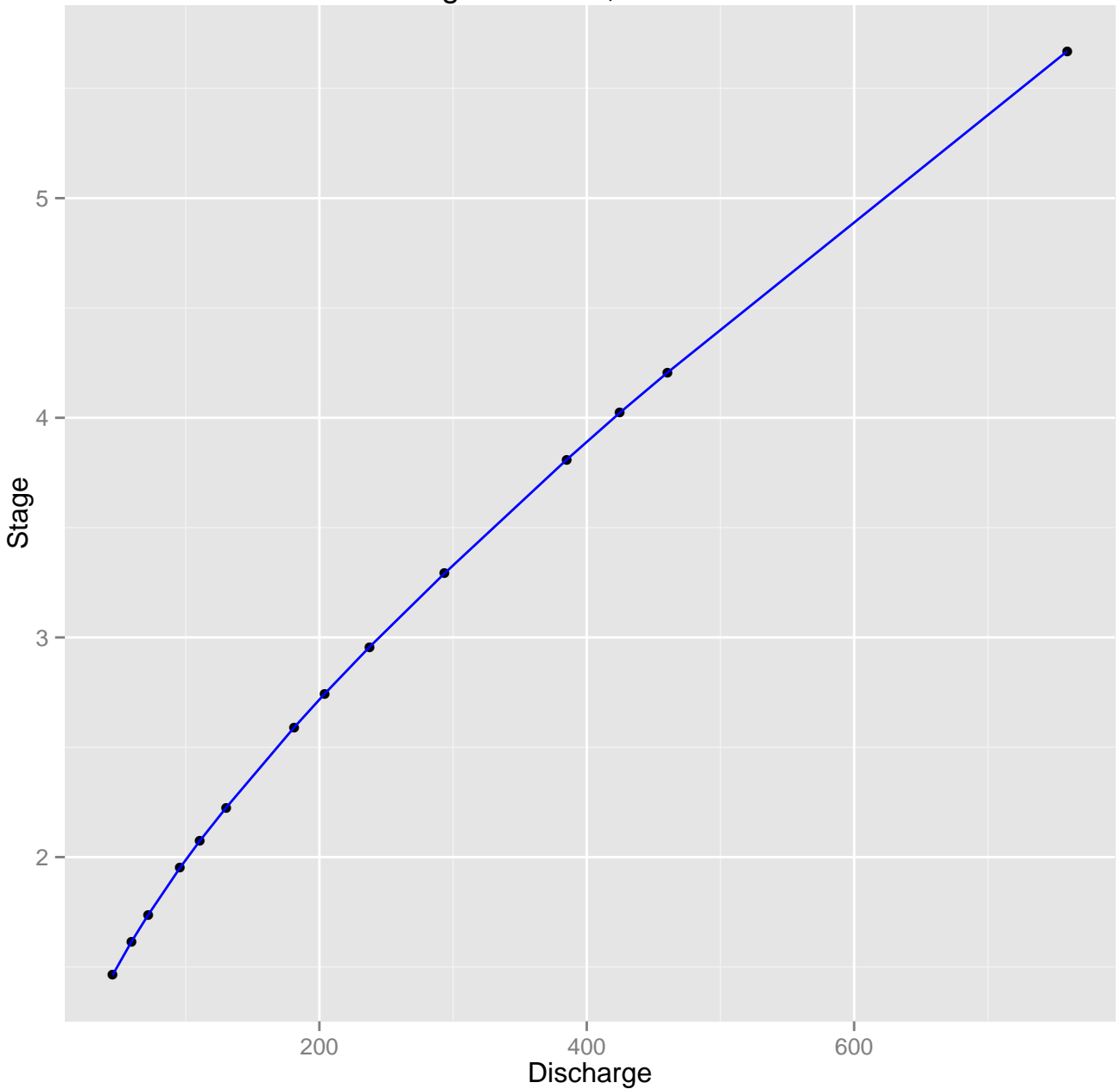
Rating: 08JC001; Table No: .96



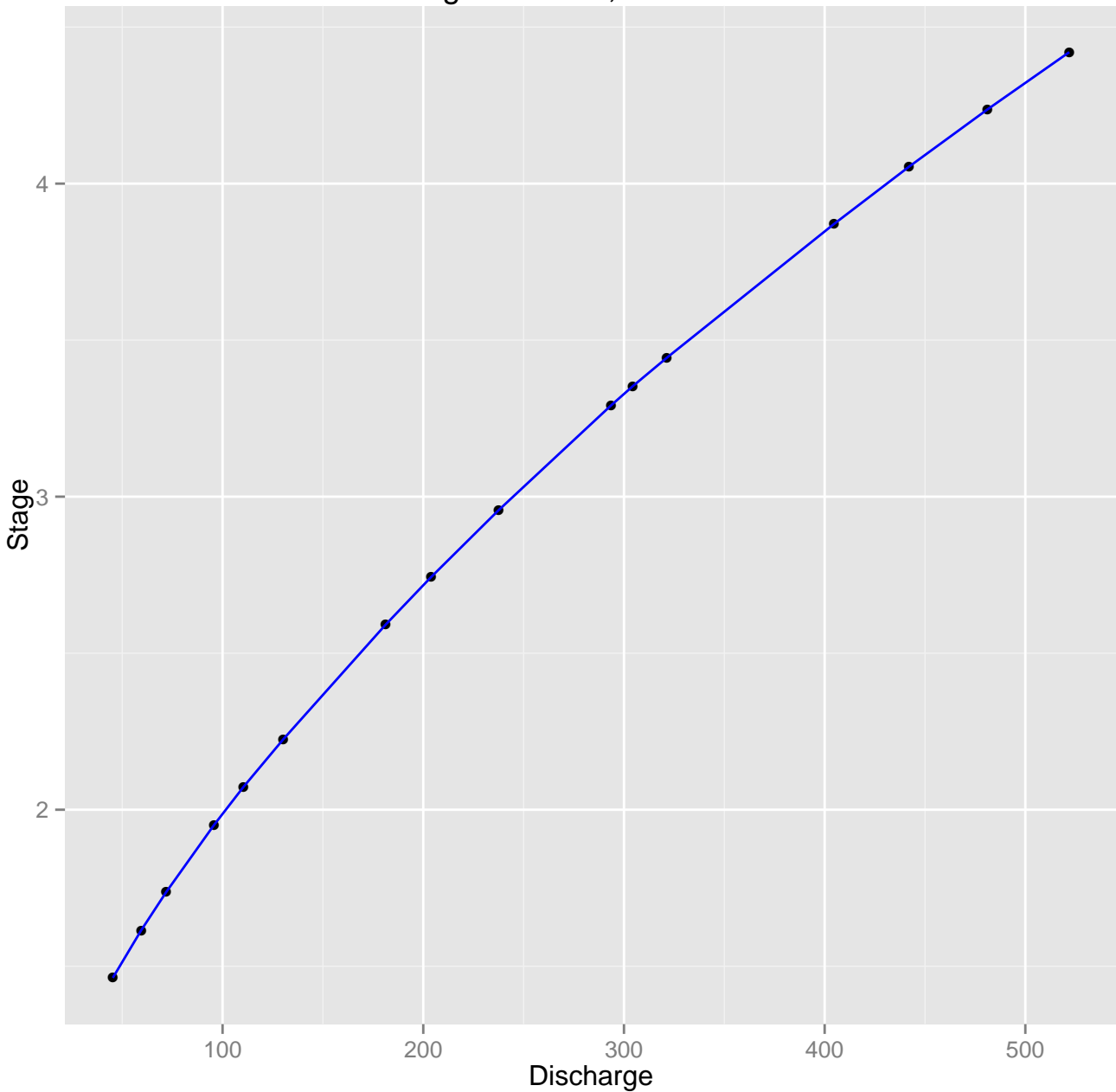
Rating: 08JC001; Table No: .97



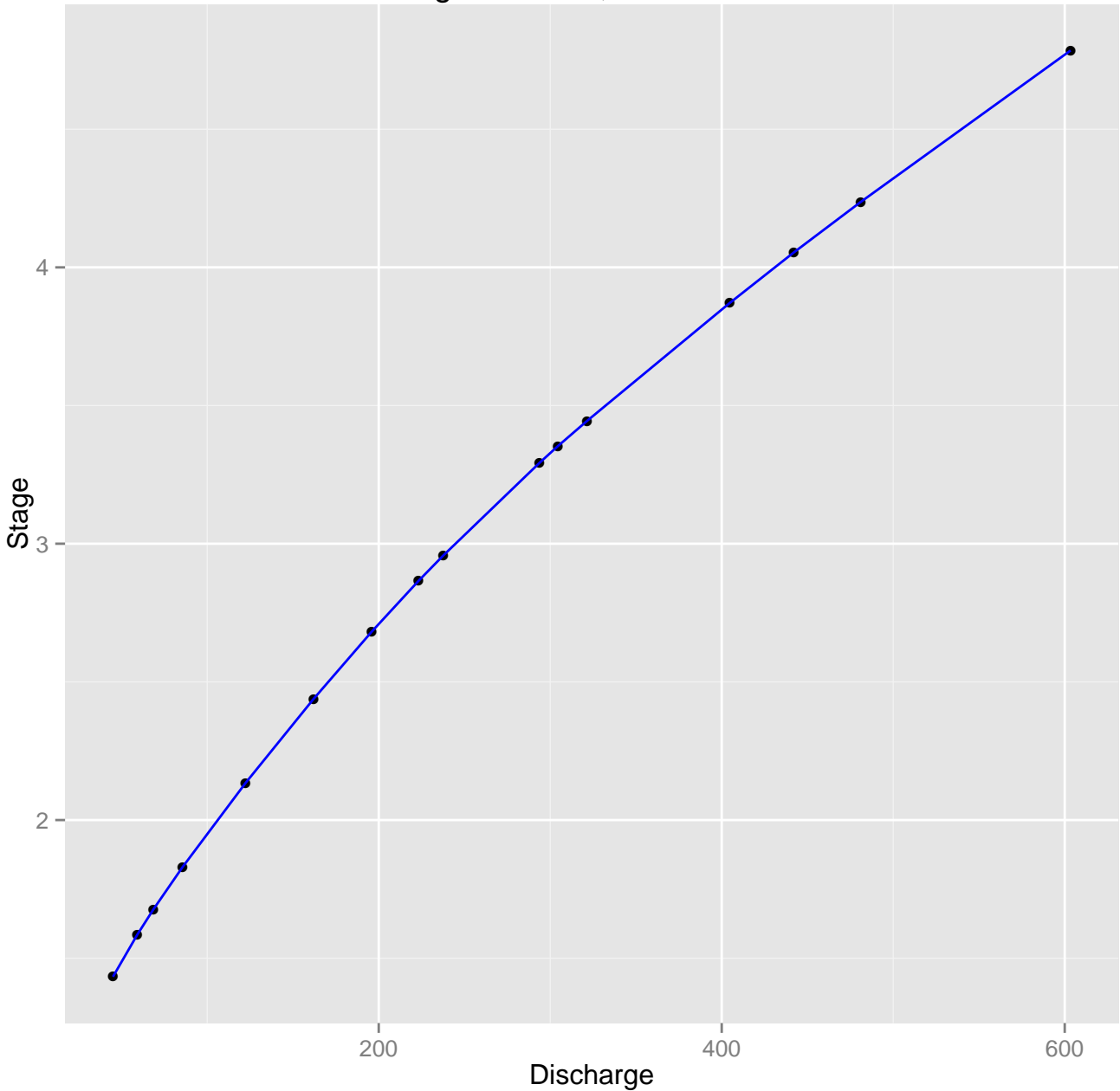
Rating: 08JC001; Table No: .98



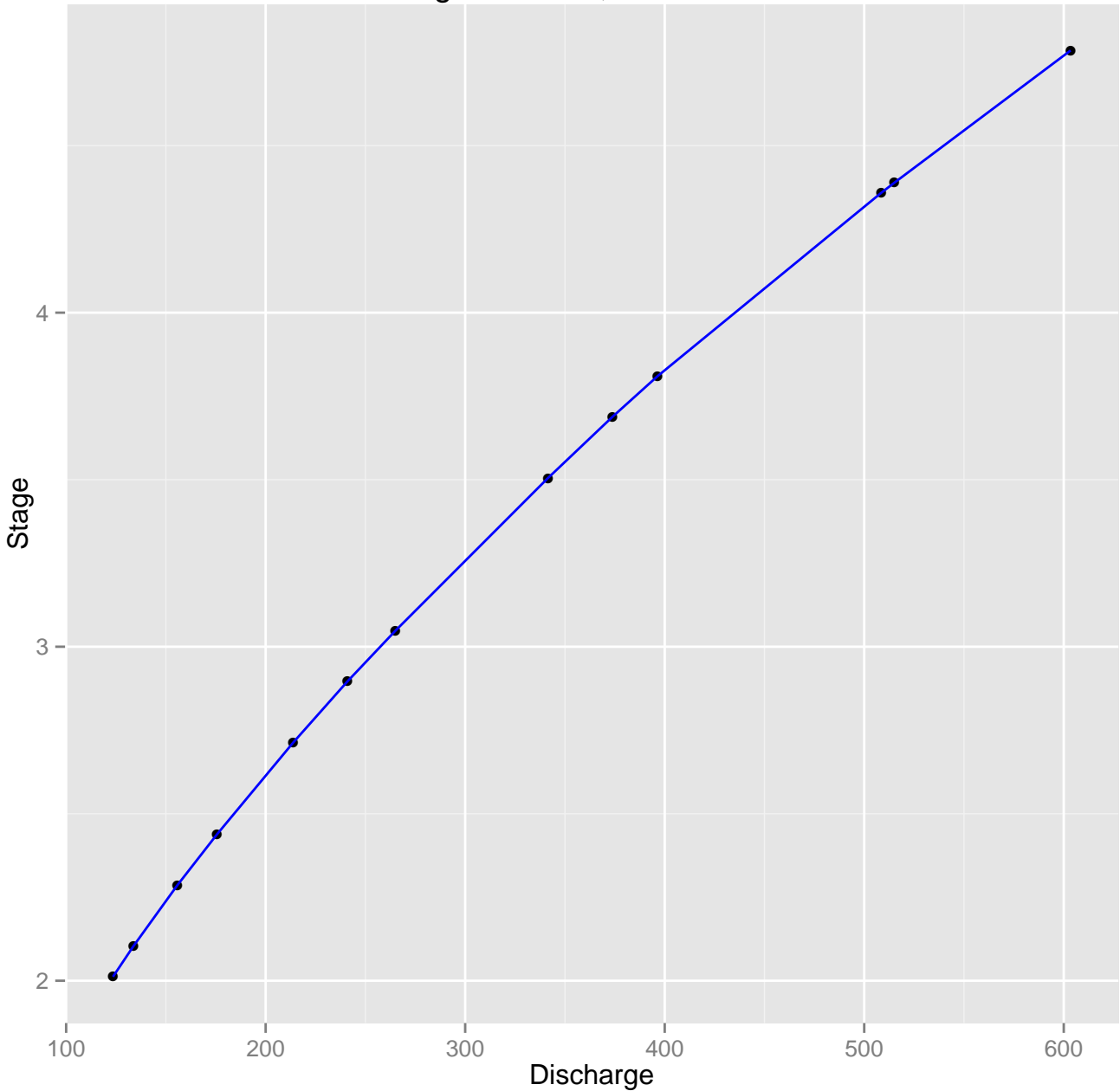
Rating: 08JC001; Table No: .99



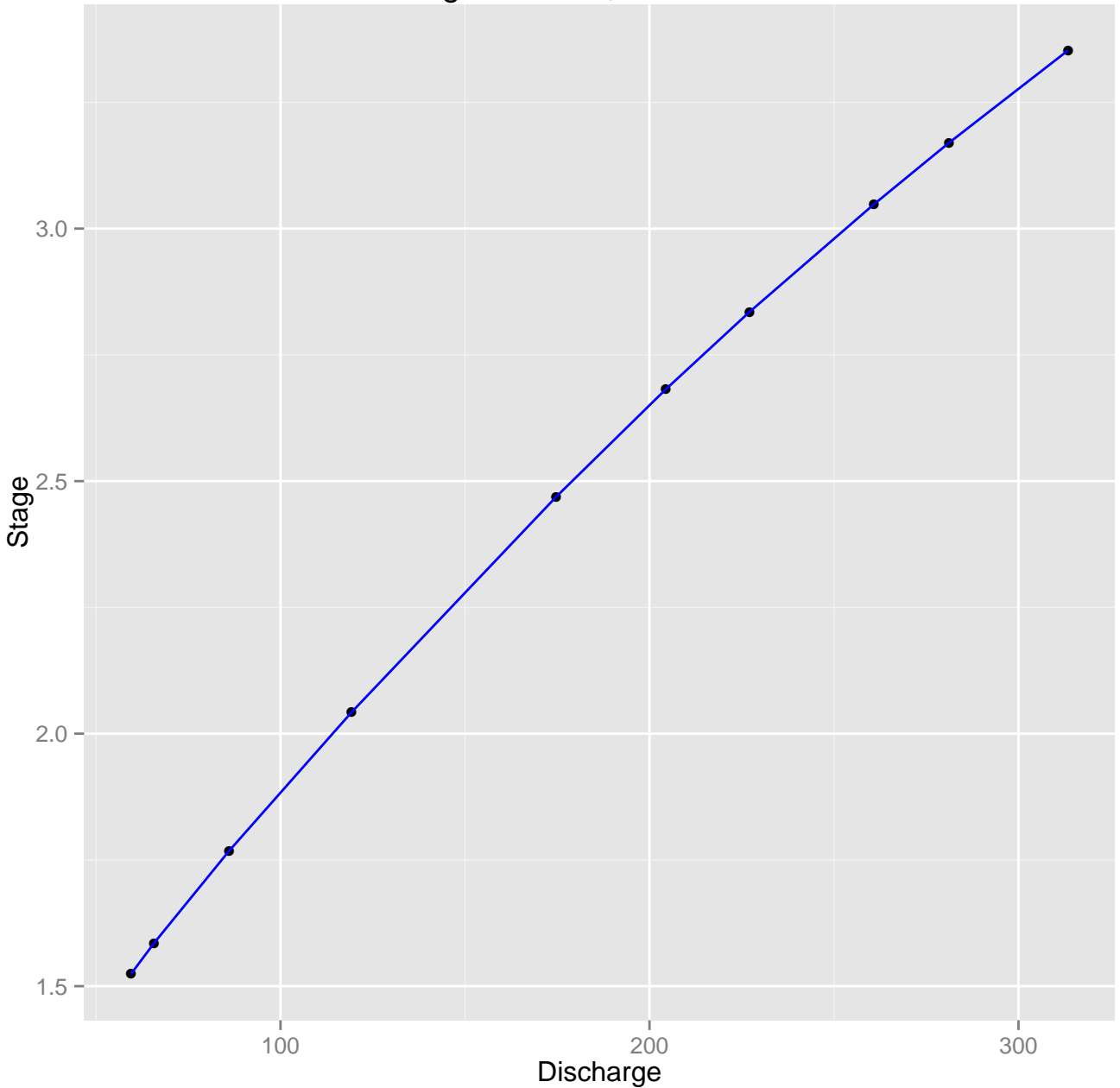
Rating: 08JC001; Table No: 1.00



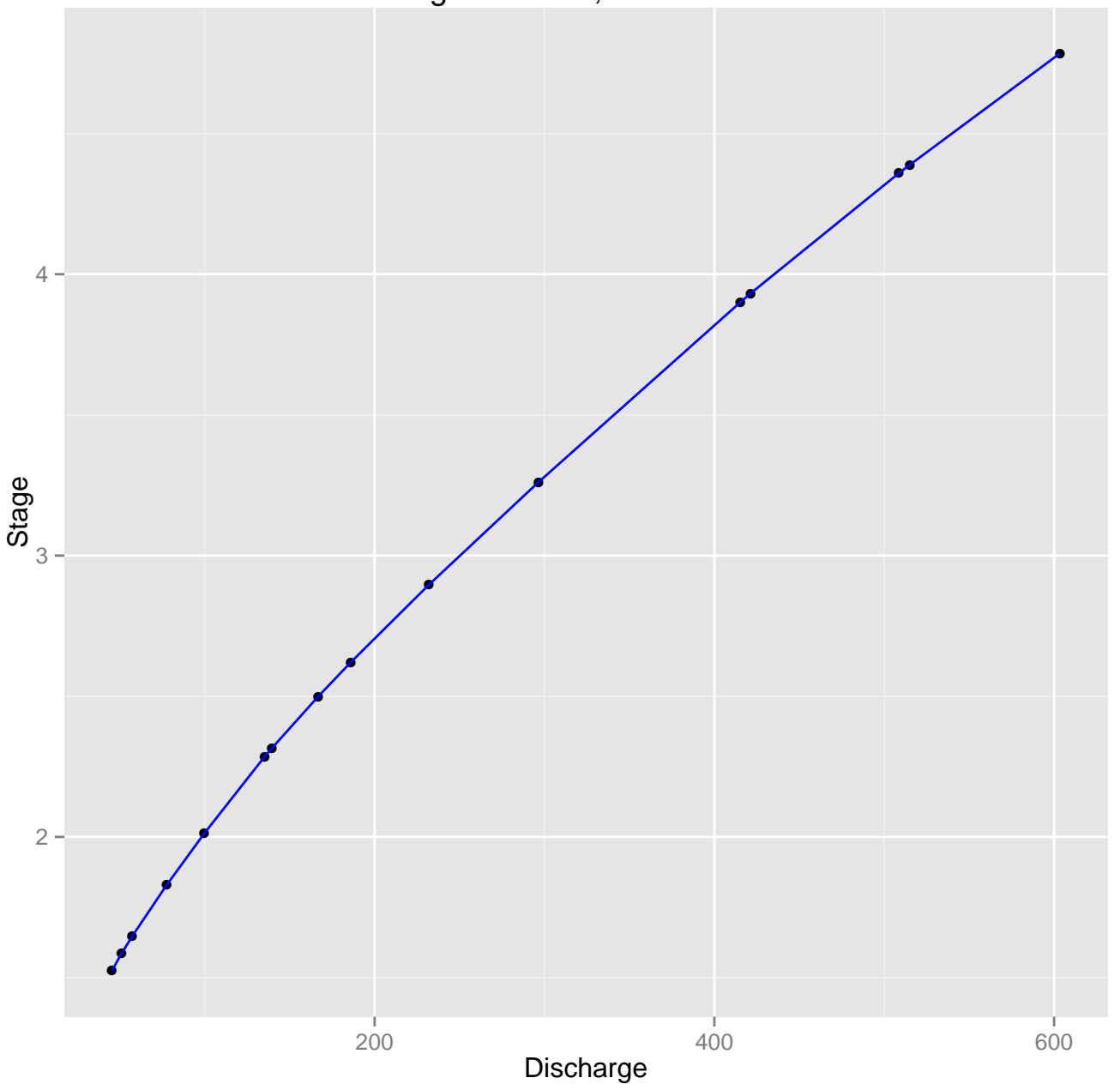
Rating: 08JC001; Table No: 2.00



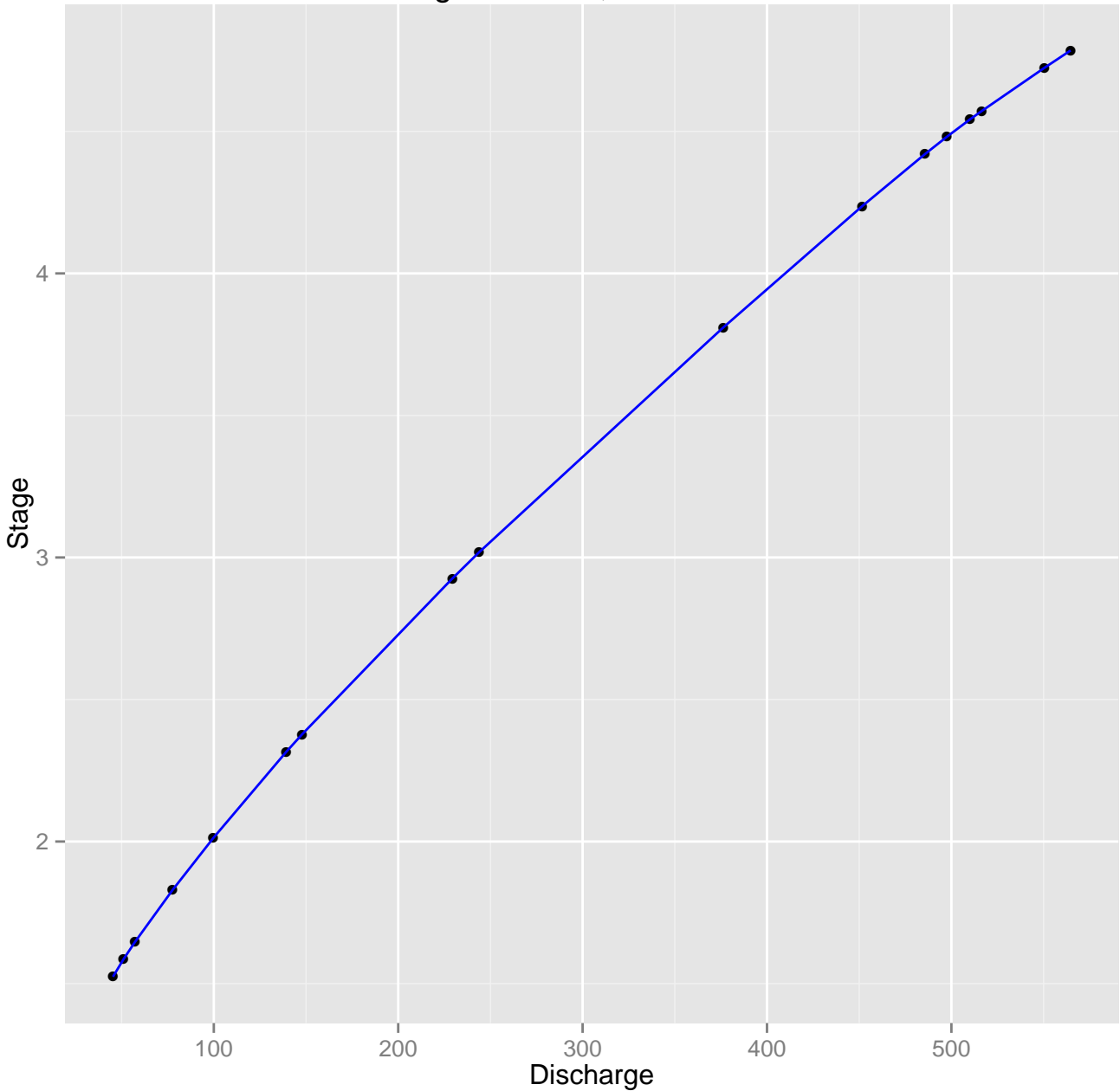
Rating: 08JC001; Table No: 3.00



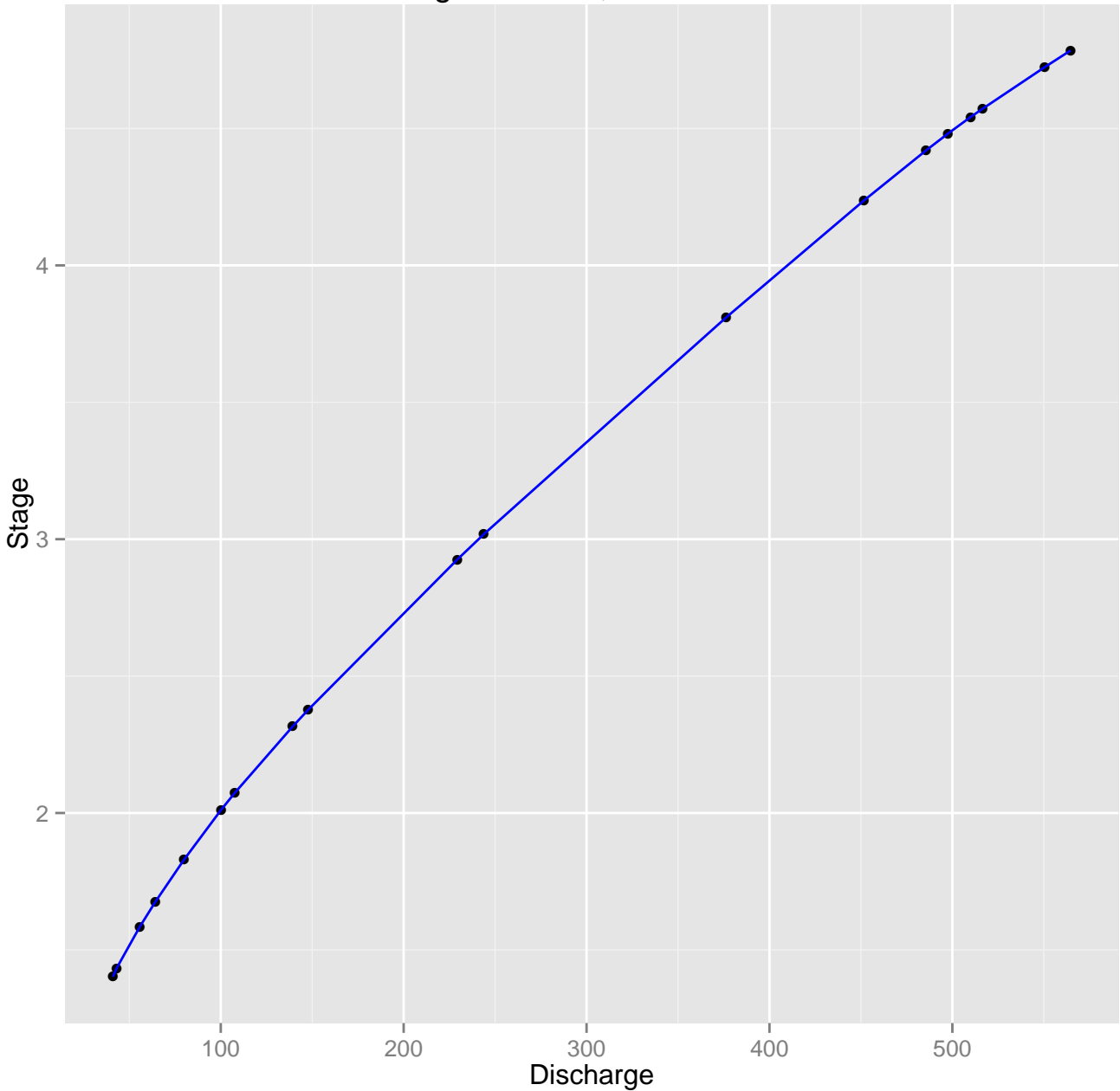
Rating: 08JC001; Table No: 4.00



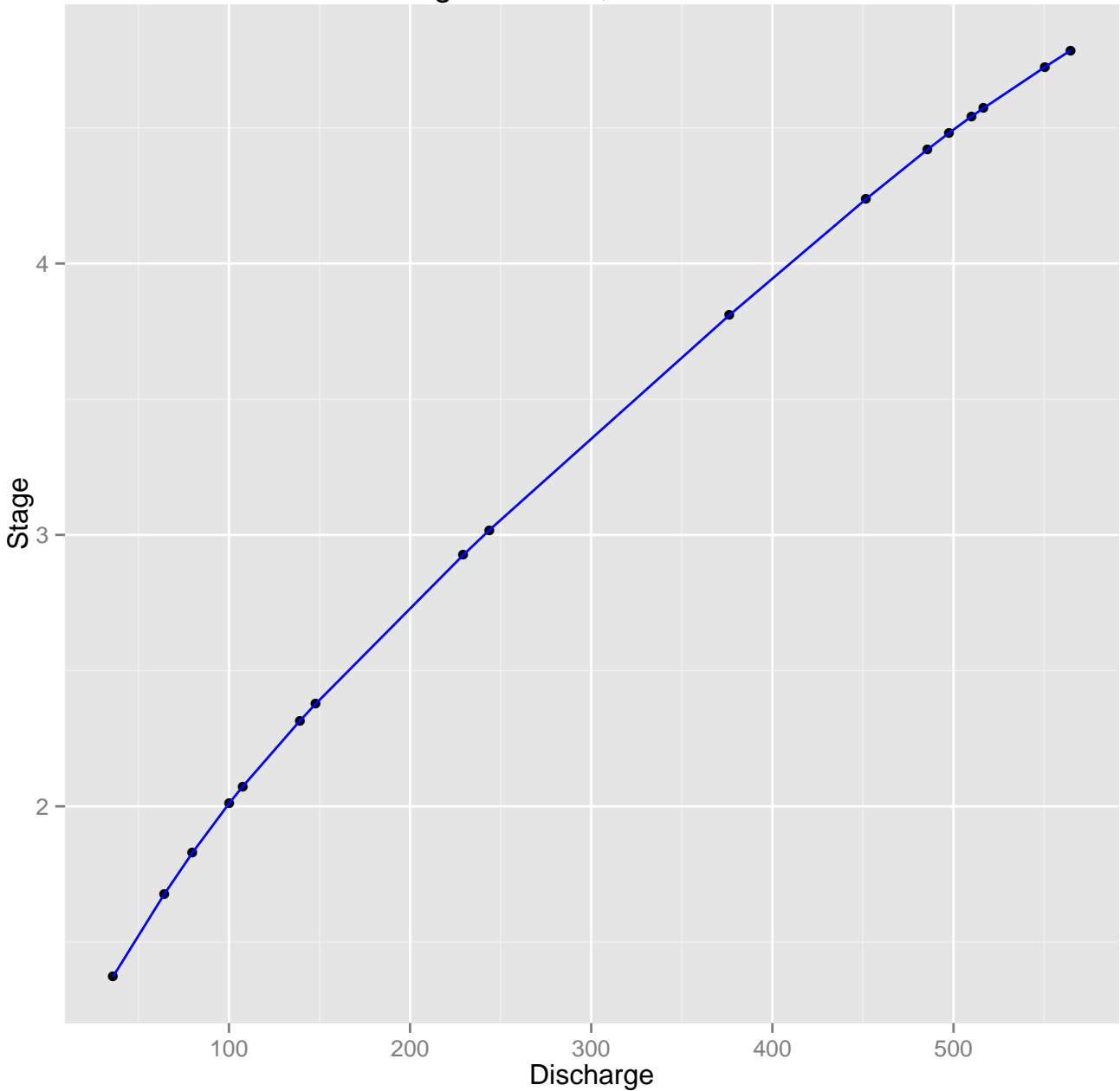
Rating: 08JC001; Table No: 5.00



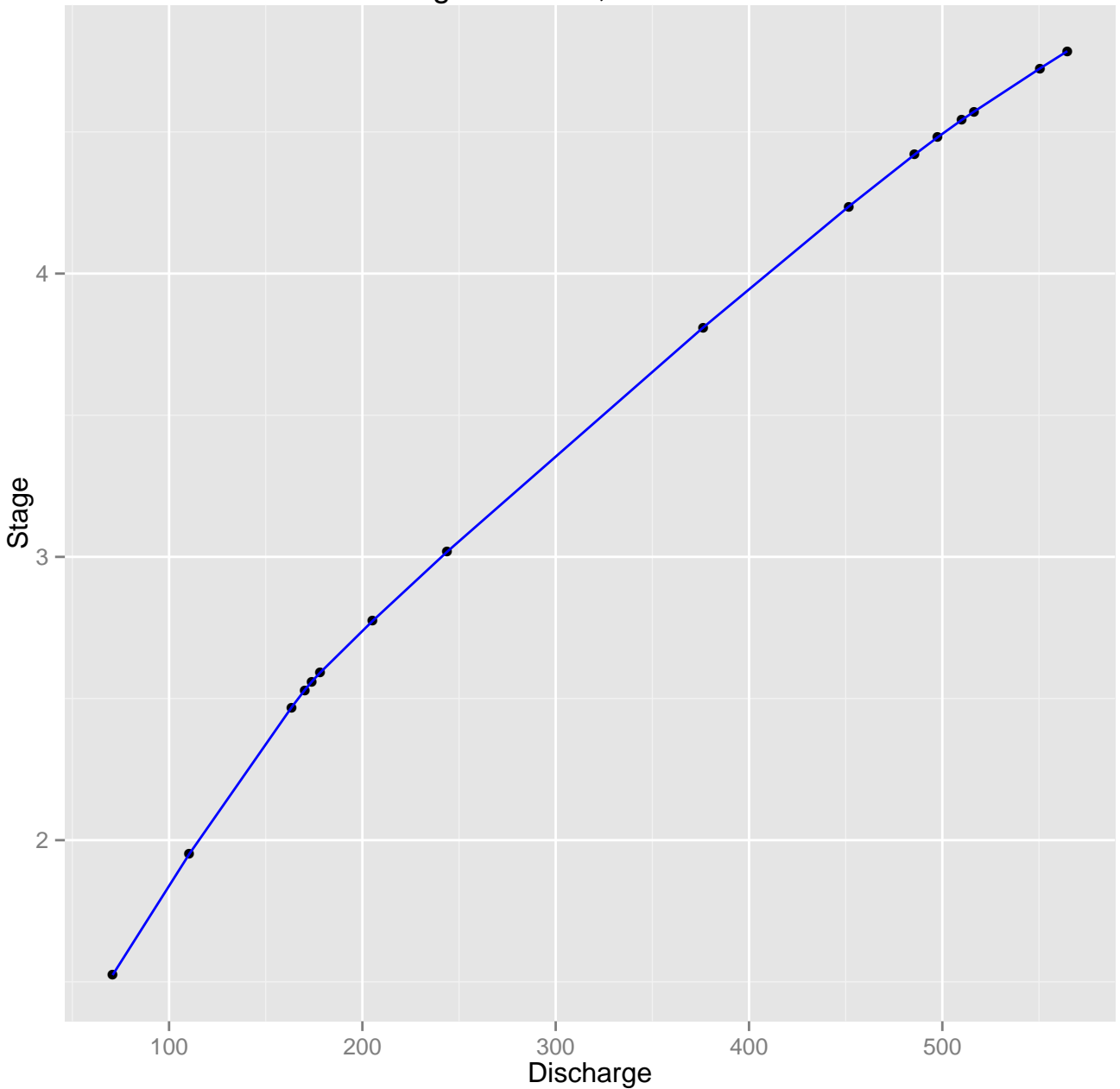
Rating: 08JC001; Table No: 6.00



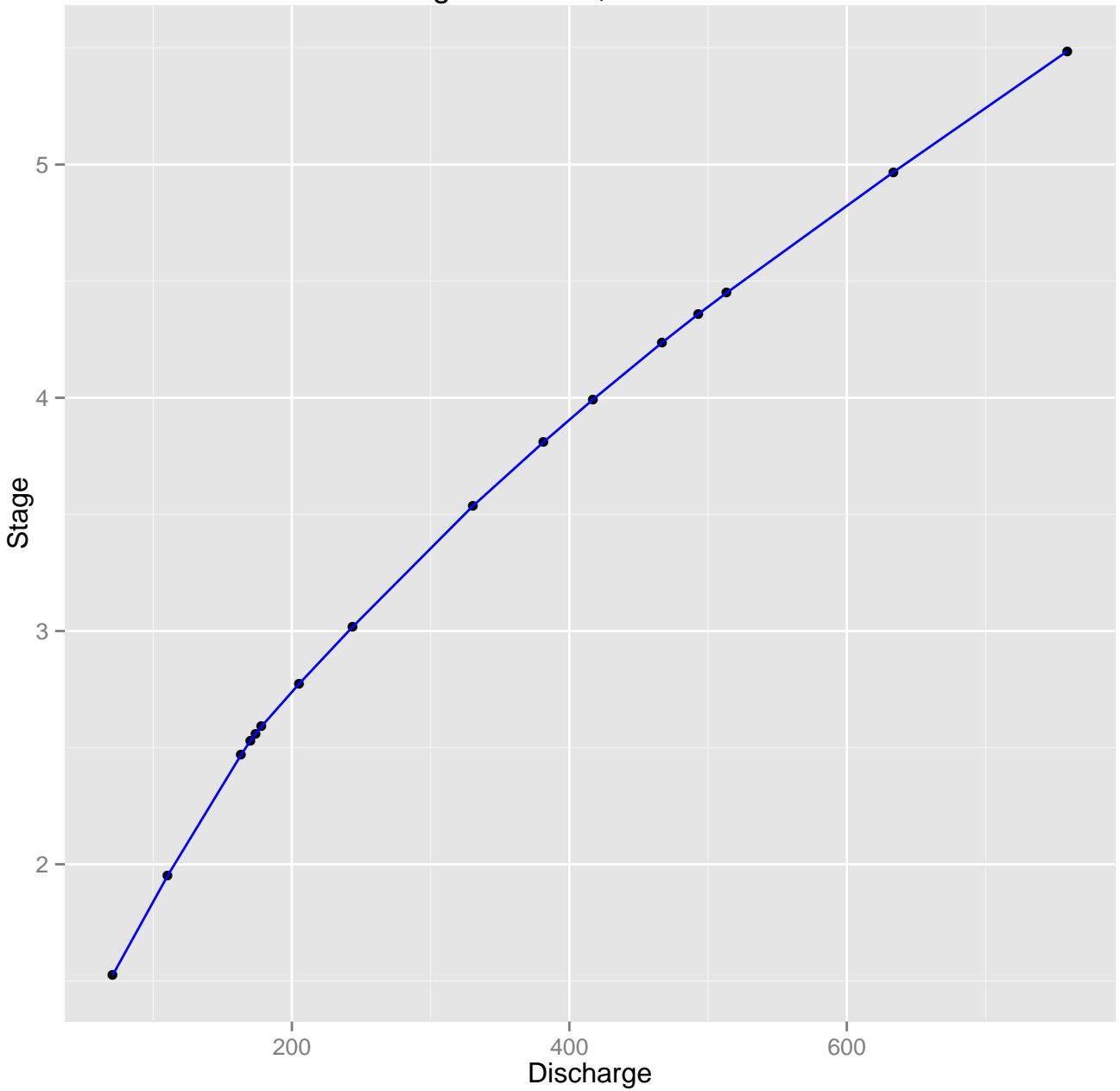
Rating: 08JC001; Table No: 7.00



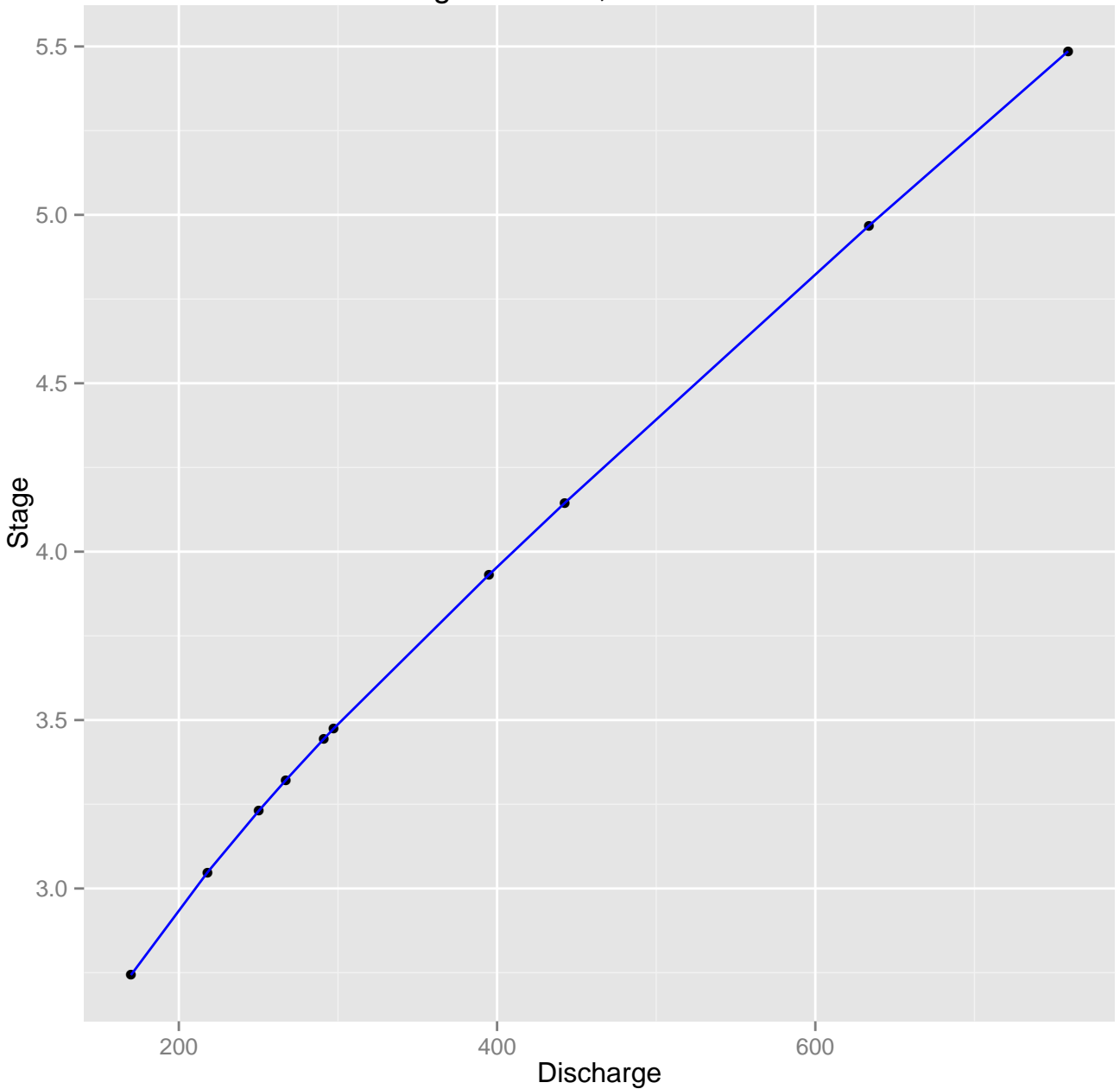
Rating: 08JC001; Table No: 8.00



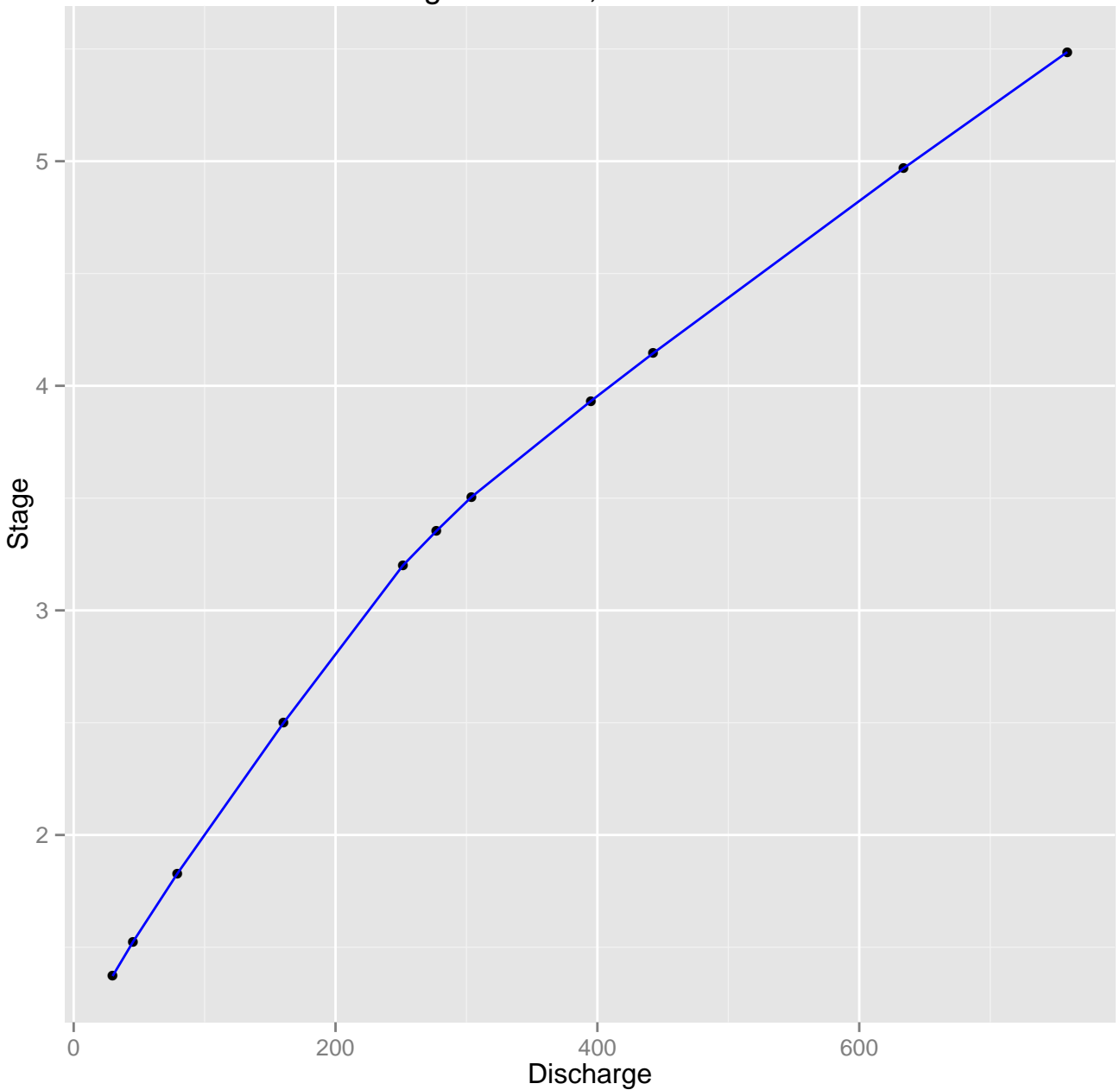
Rating: 08JC001; Table No: 9.00



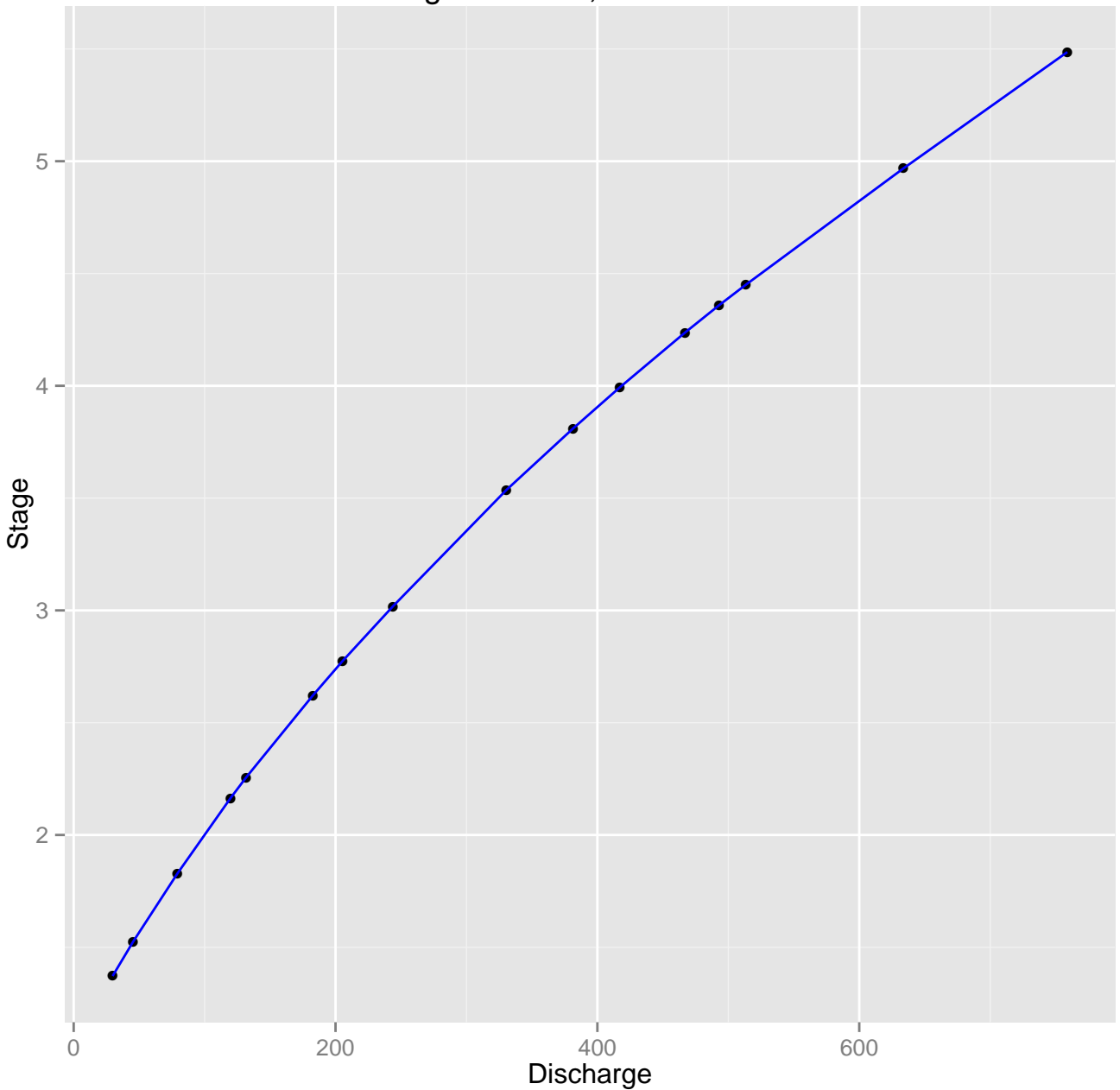
Rating: 08JC001; Table No: 10.00



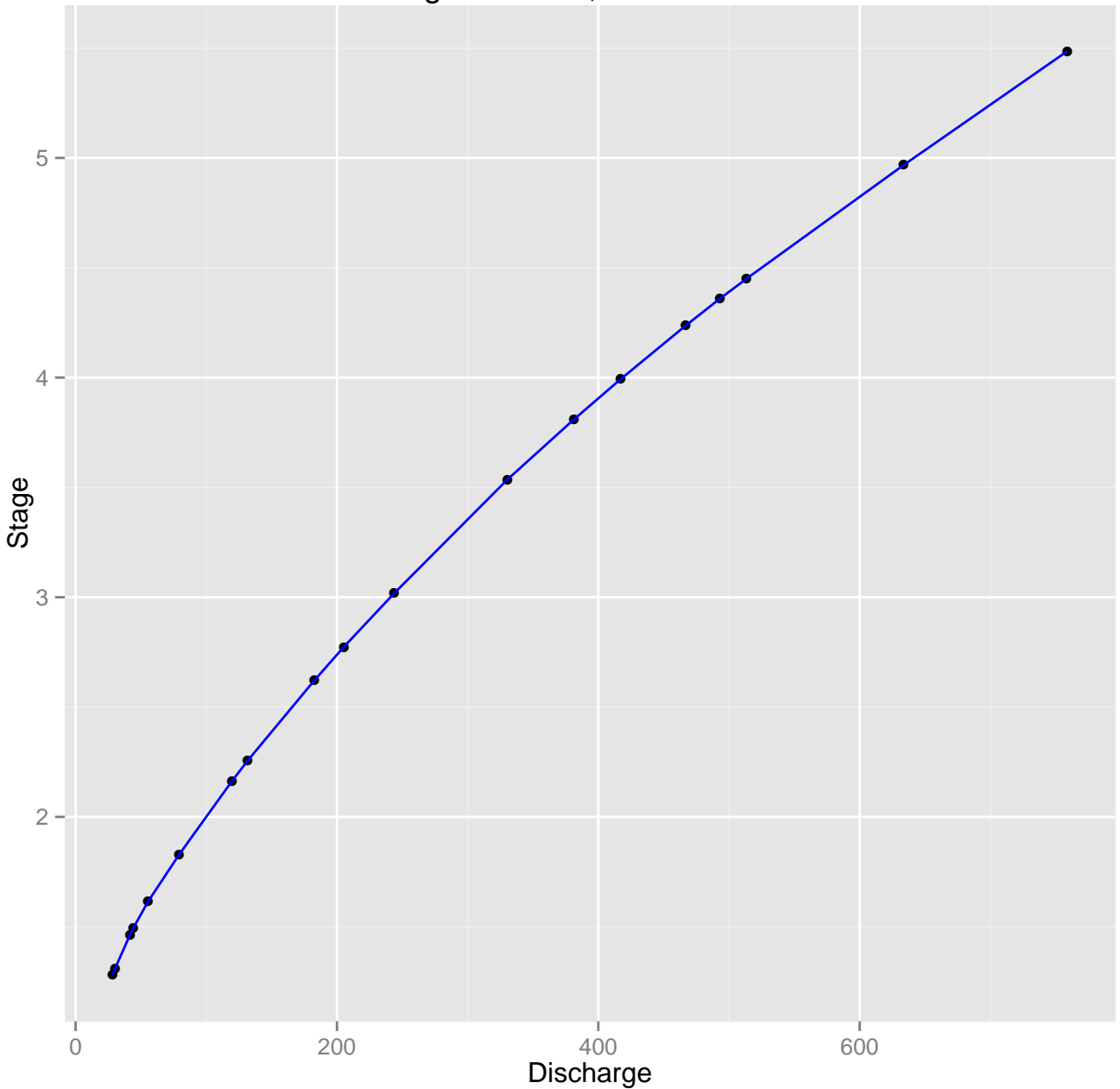
Rating: 08JC001; Table No: 11.00



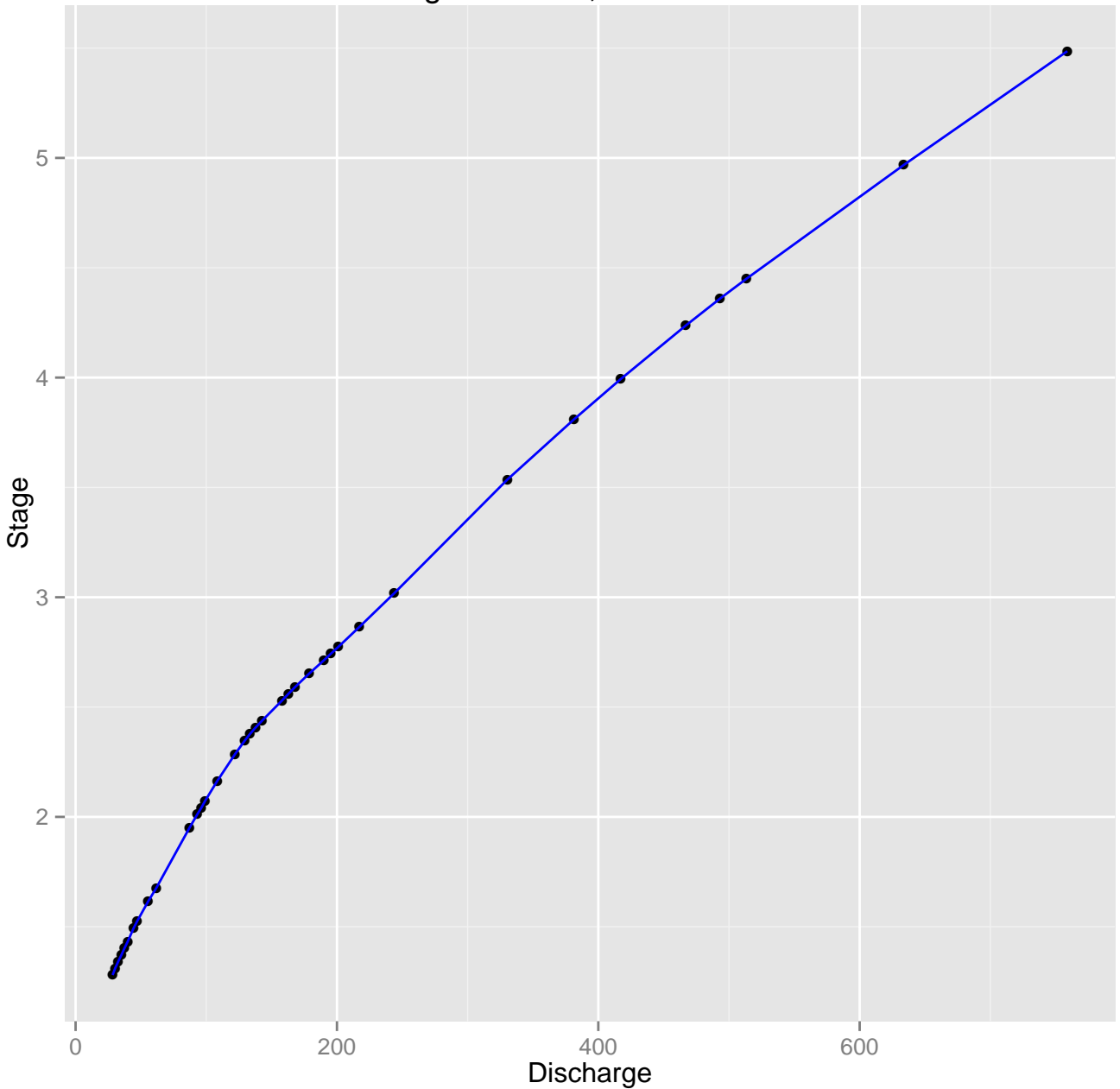
Rating: 08JC001; Table No: 12.00



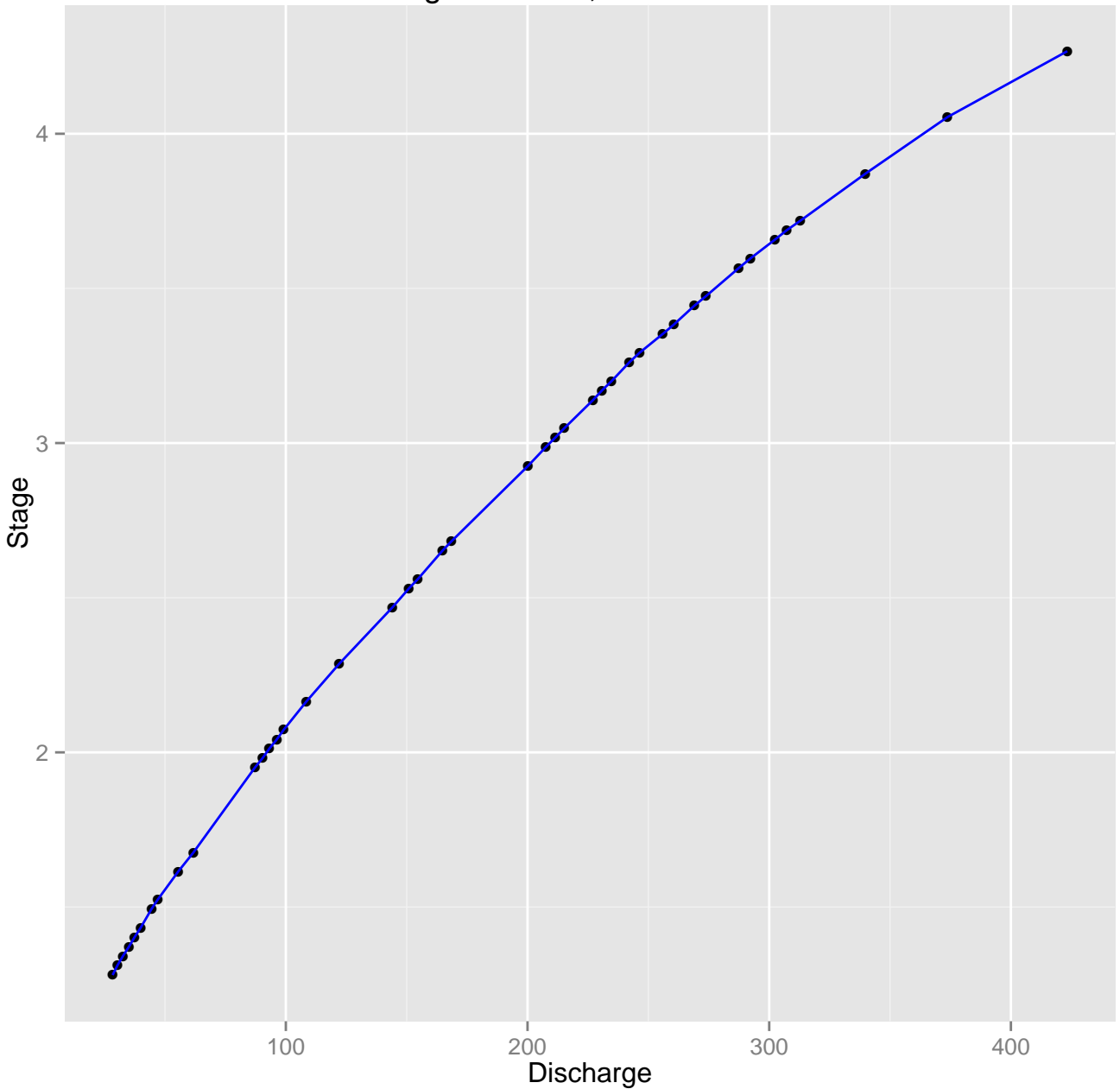
Rating: 08JC001; Table No: 13.00



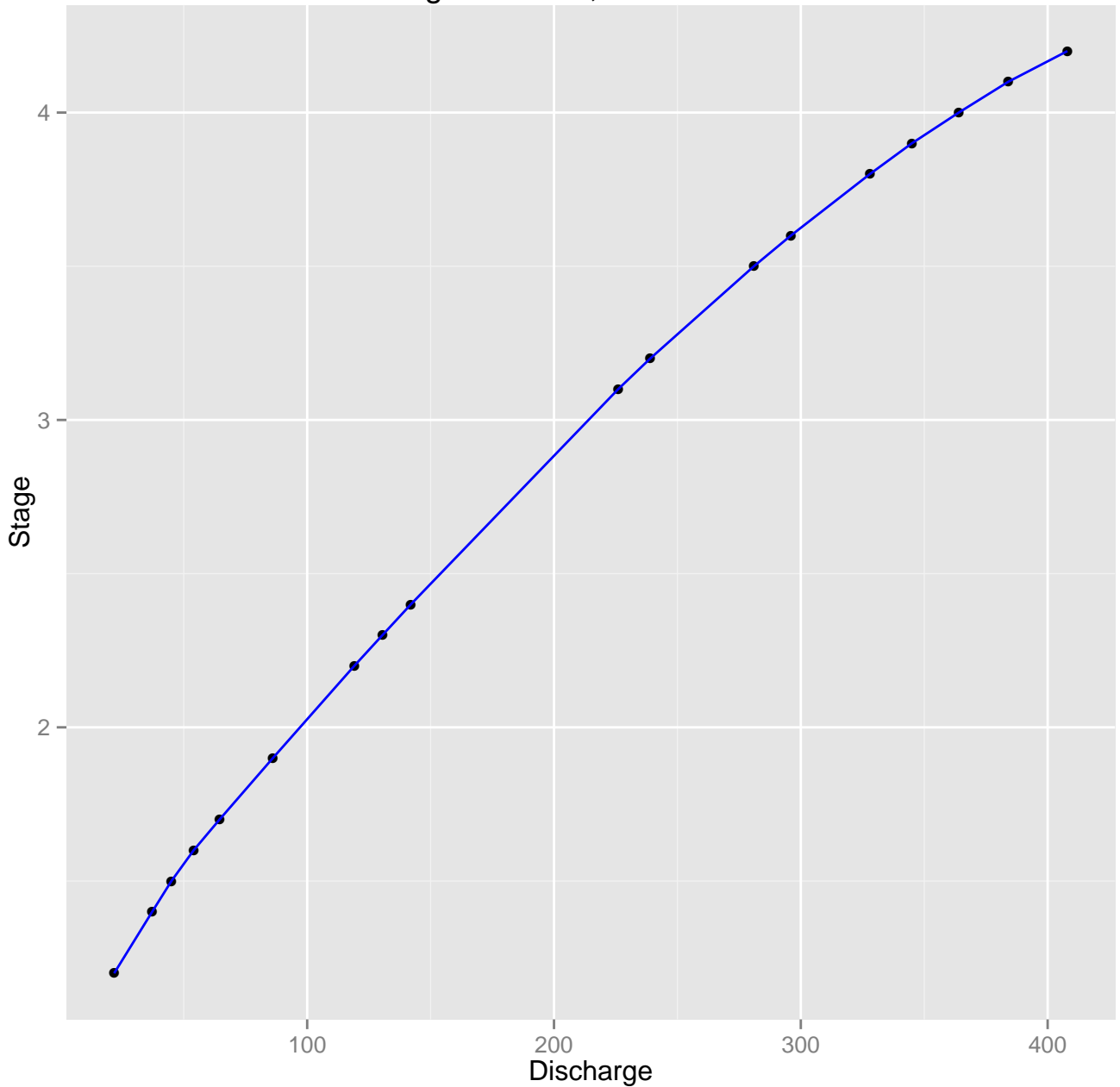
Rating: 08JC001; Table No: 14.00



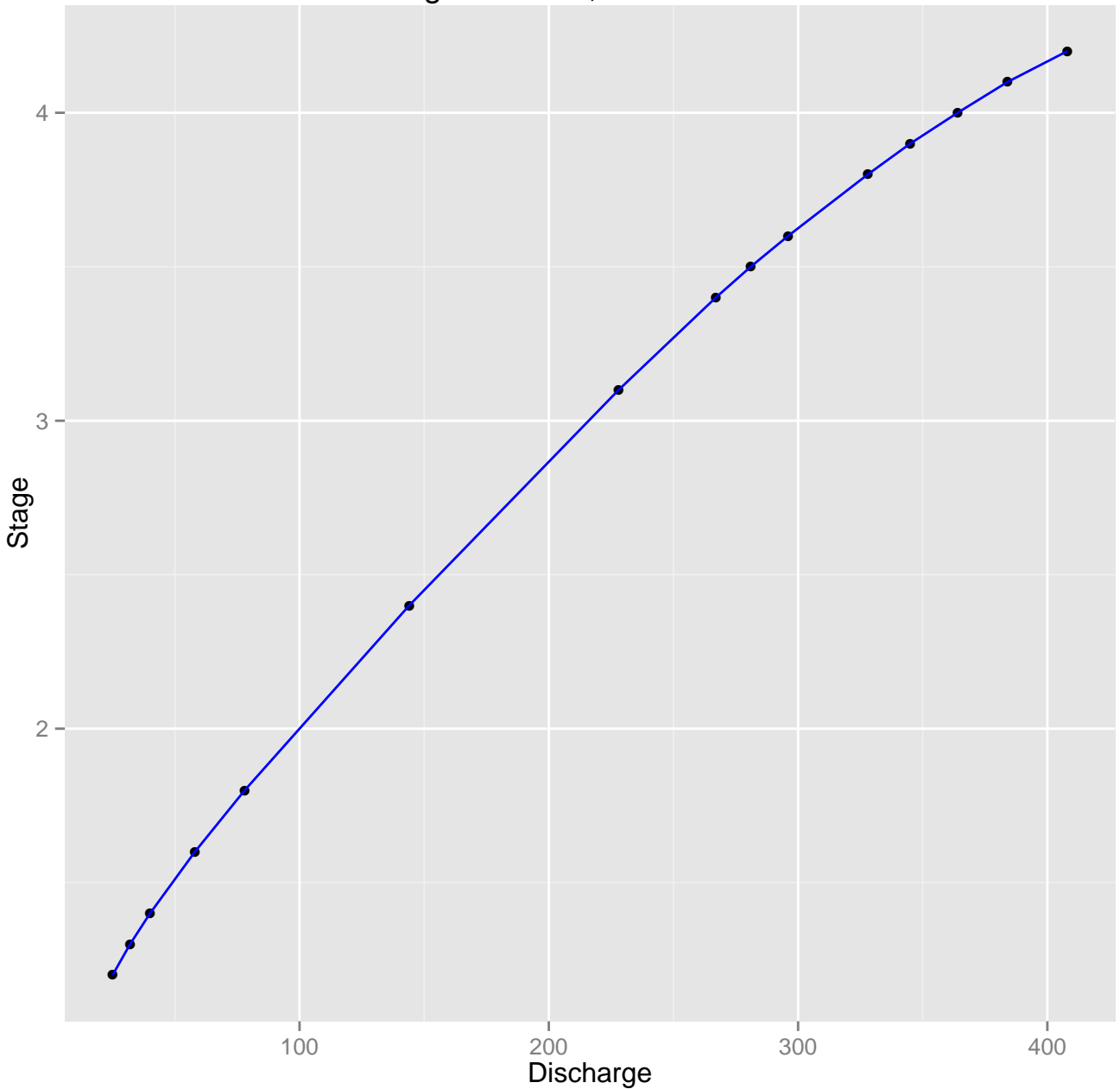
Rating: 08JC001; Table No: 15.00



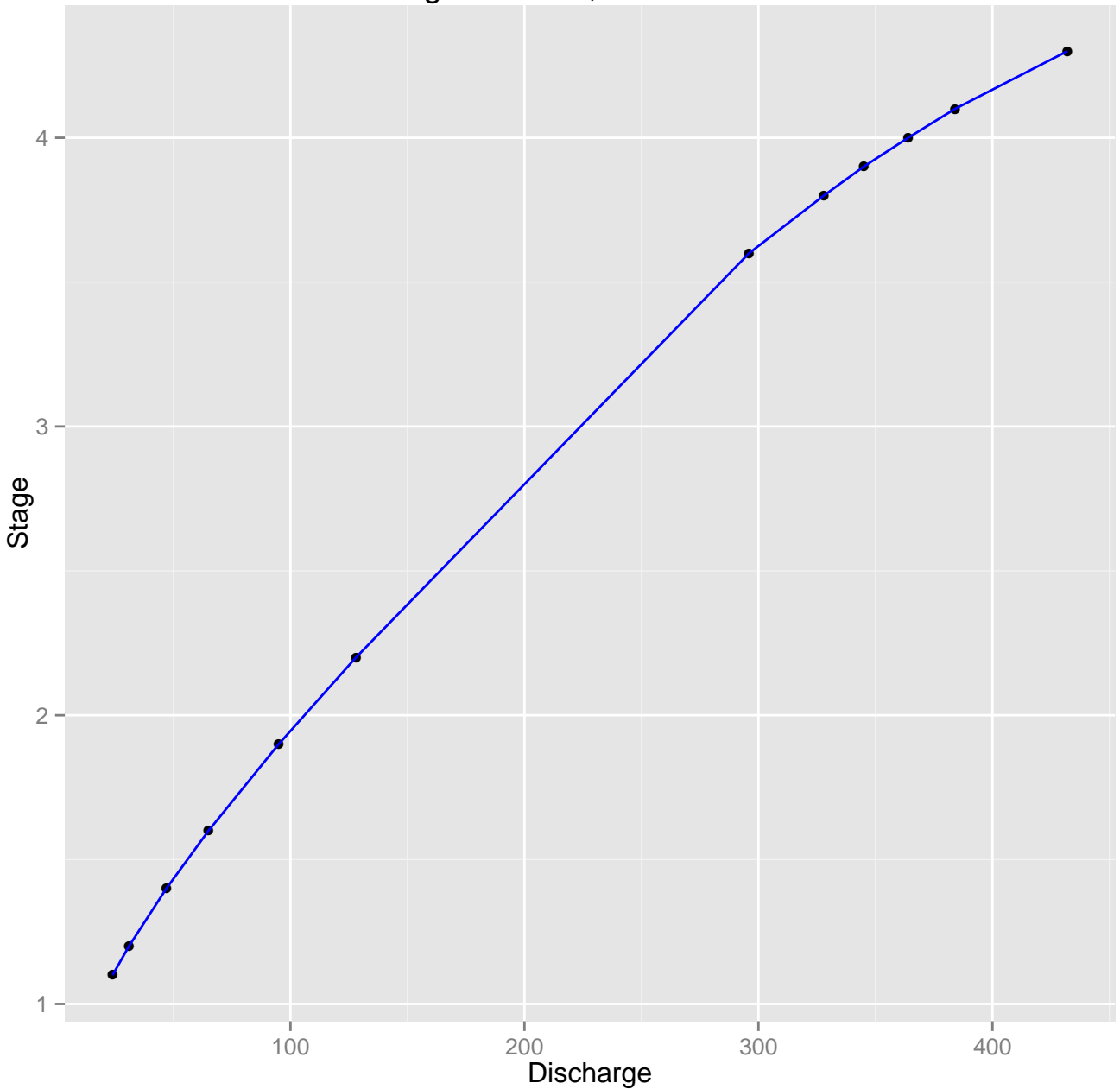
Rating: 08JC001; Table No: 16.00



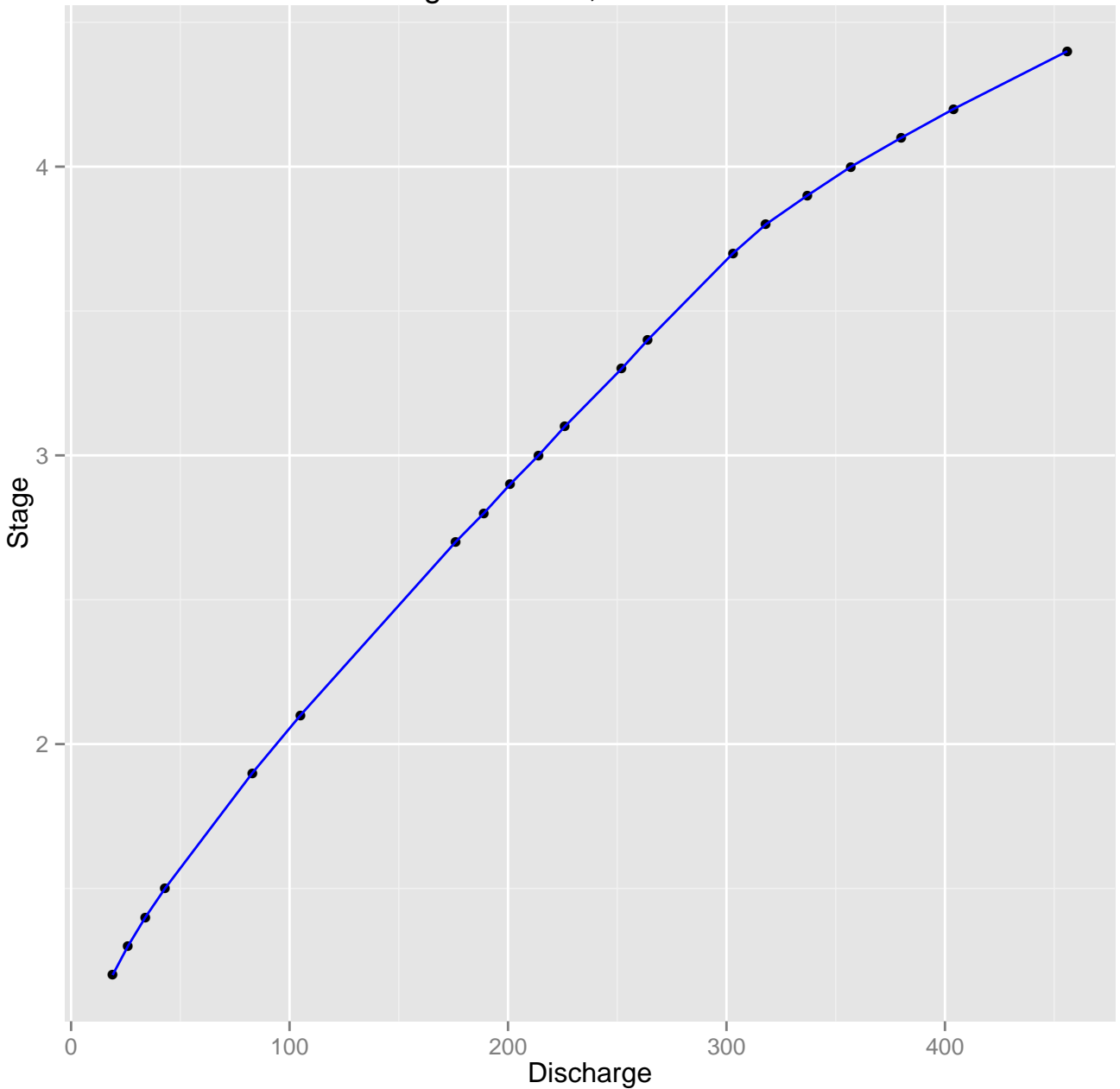
Rating: 08JC001; Table No: 17.00



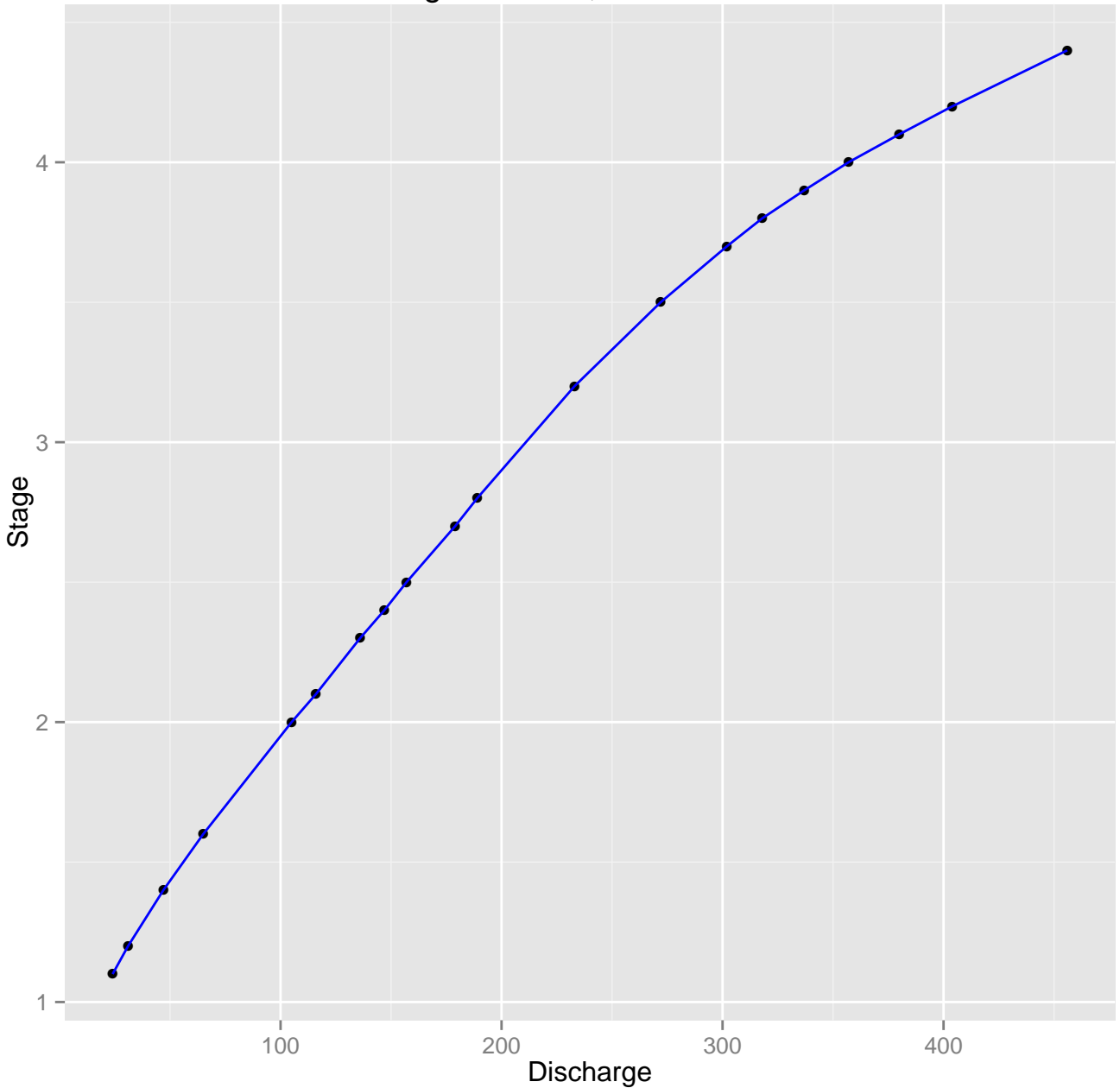
Rating: 08JC001; Table No: 18.00



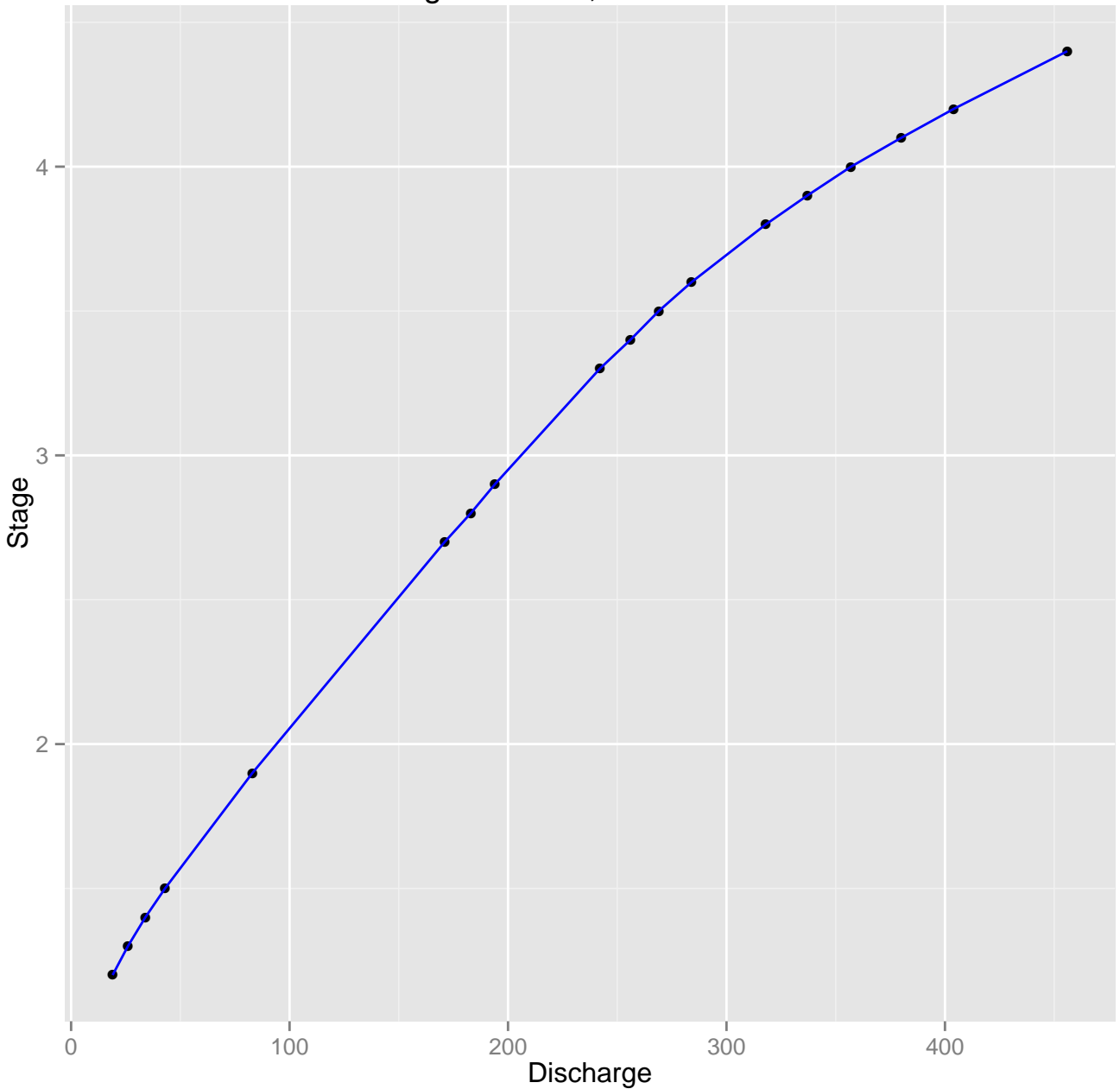
Rating: 08JC001; Table No: 19.00



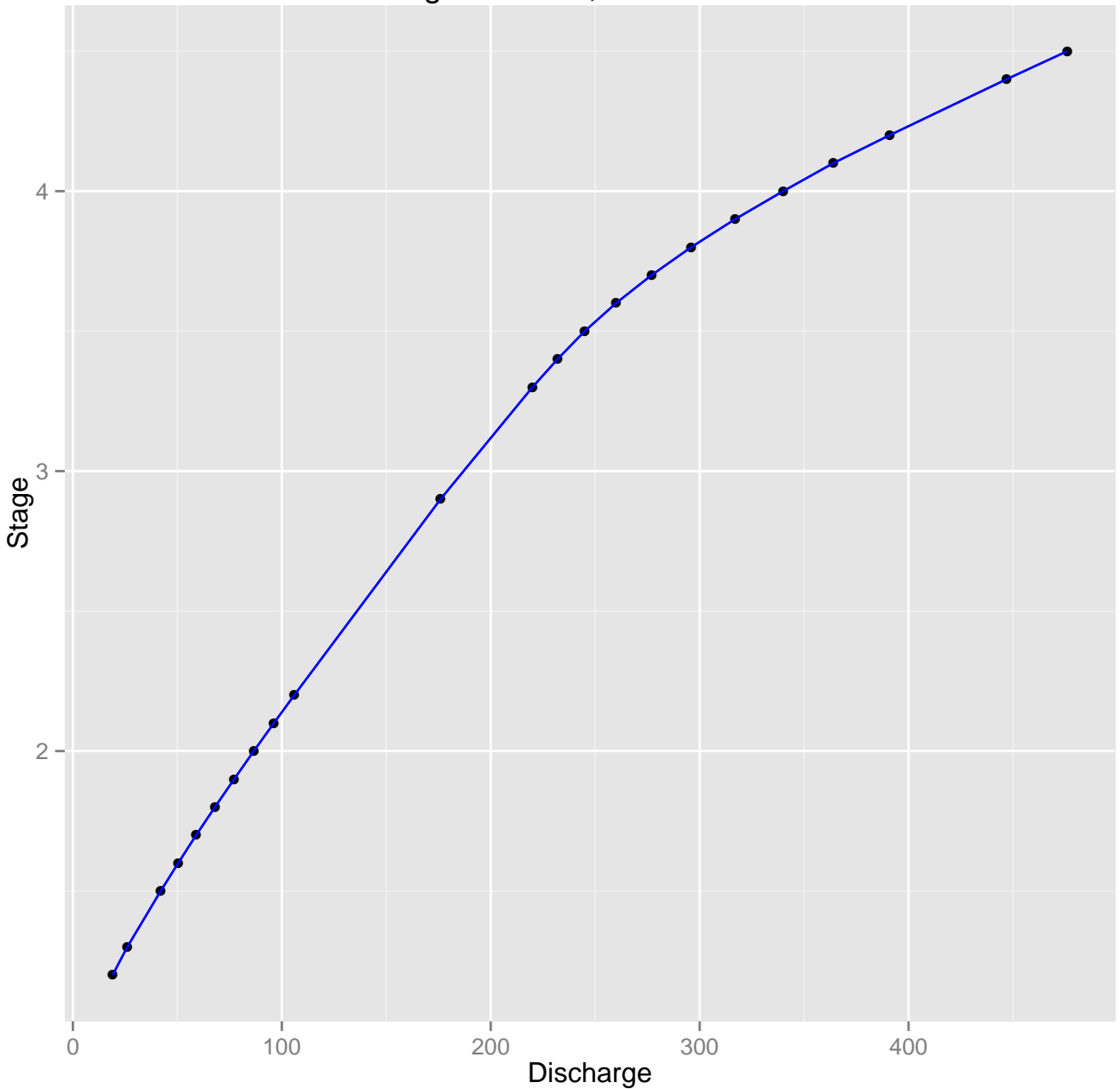
Rating: 08JC001; Table No: 20.00



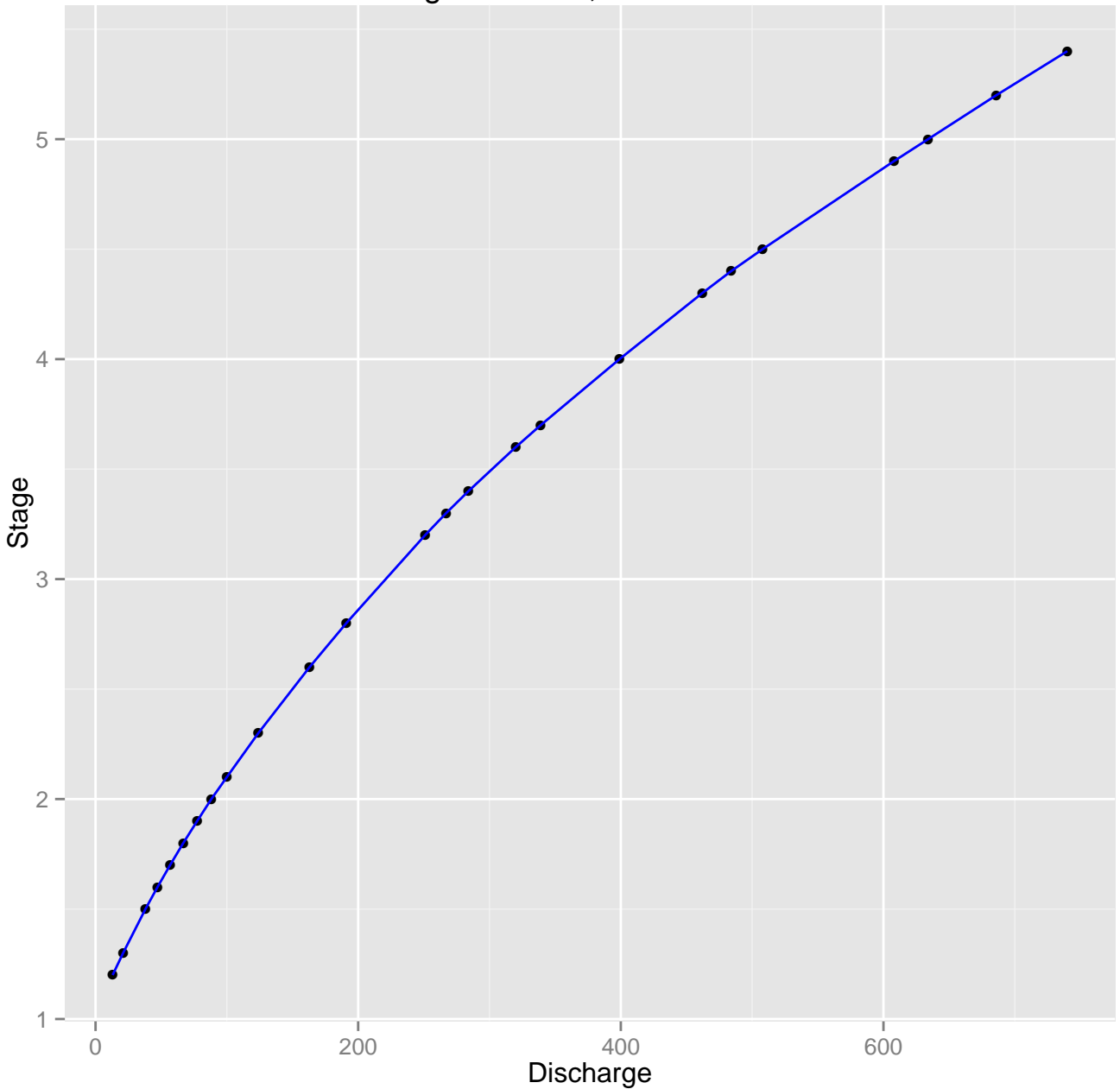
Rating: 08JC001; Table No: 21.00



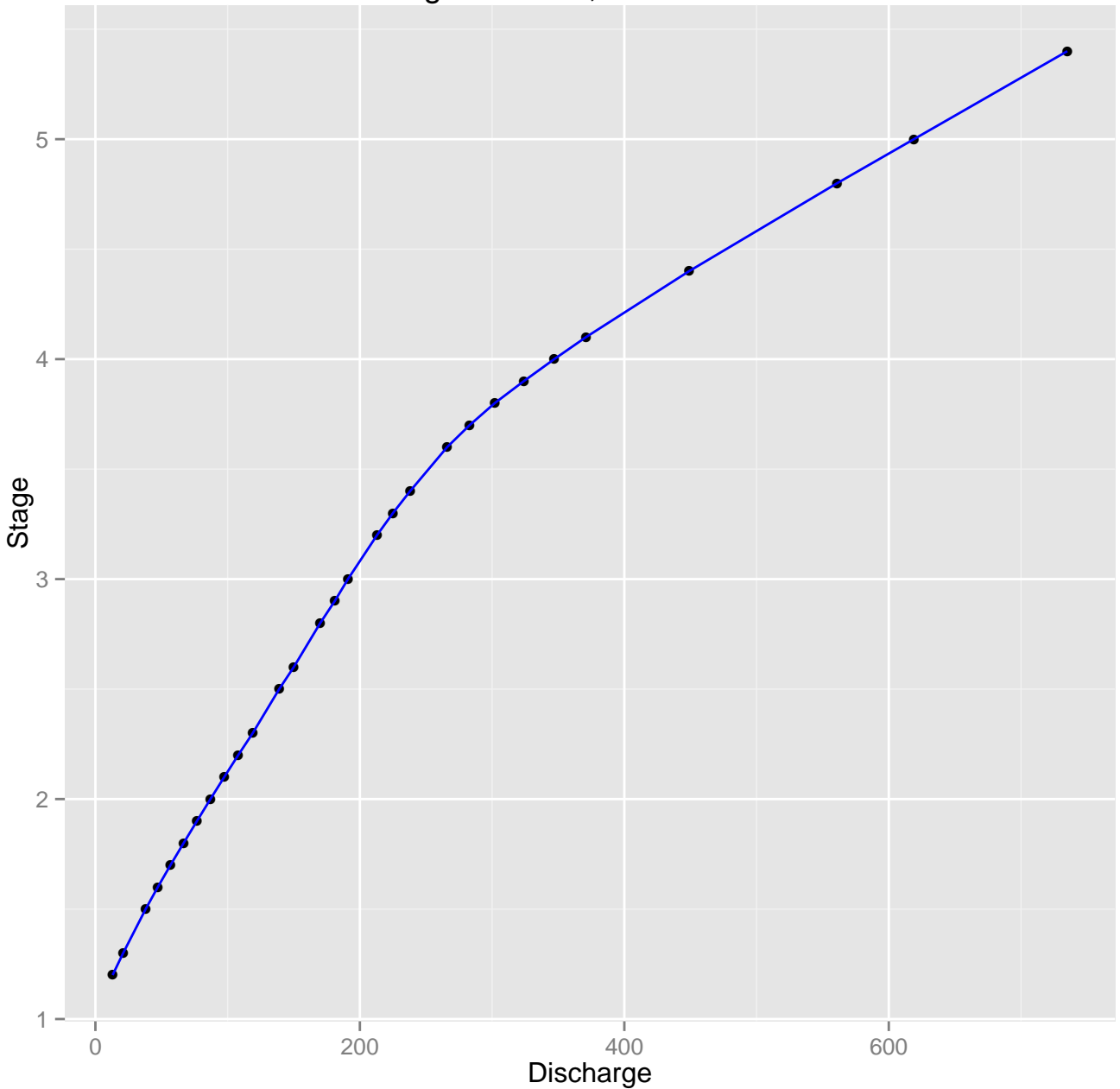
Rating: 08JC001; Table No: 22.00



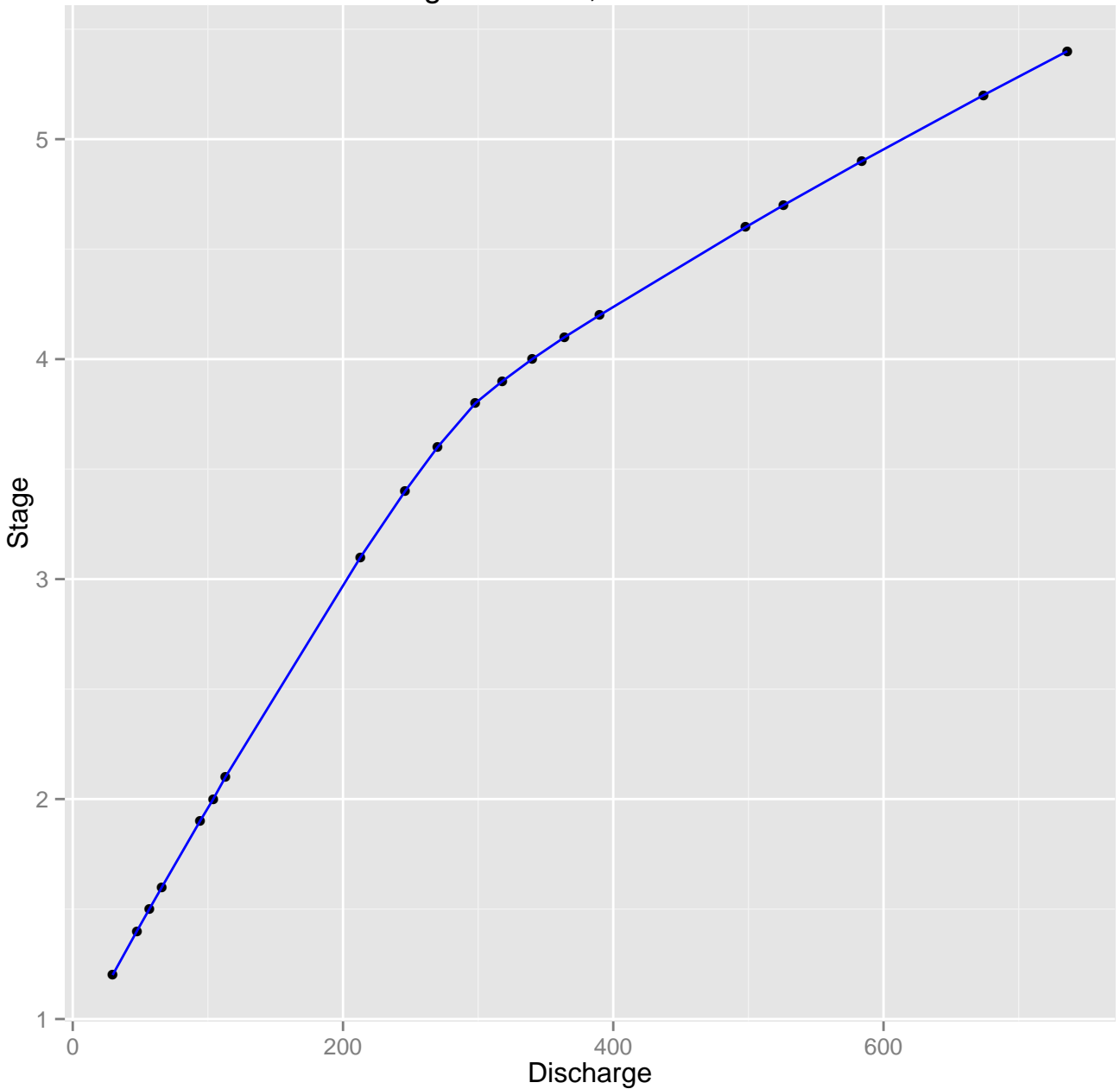
Rating: 08JC001; Table No: 23.00



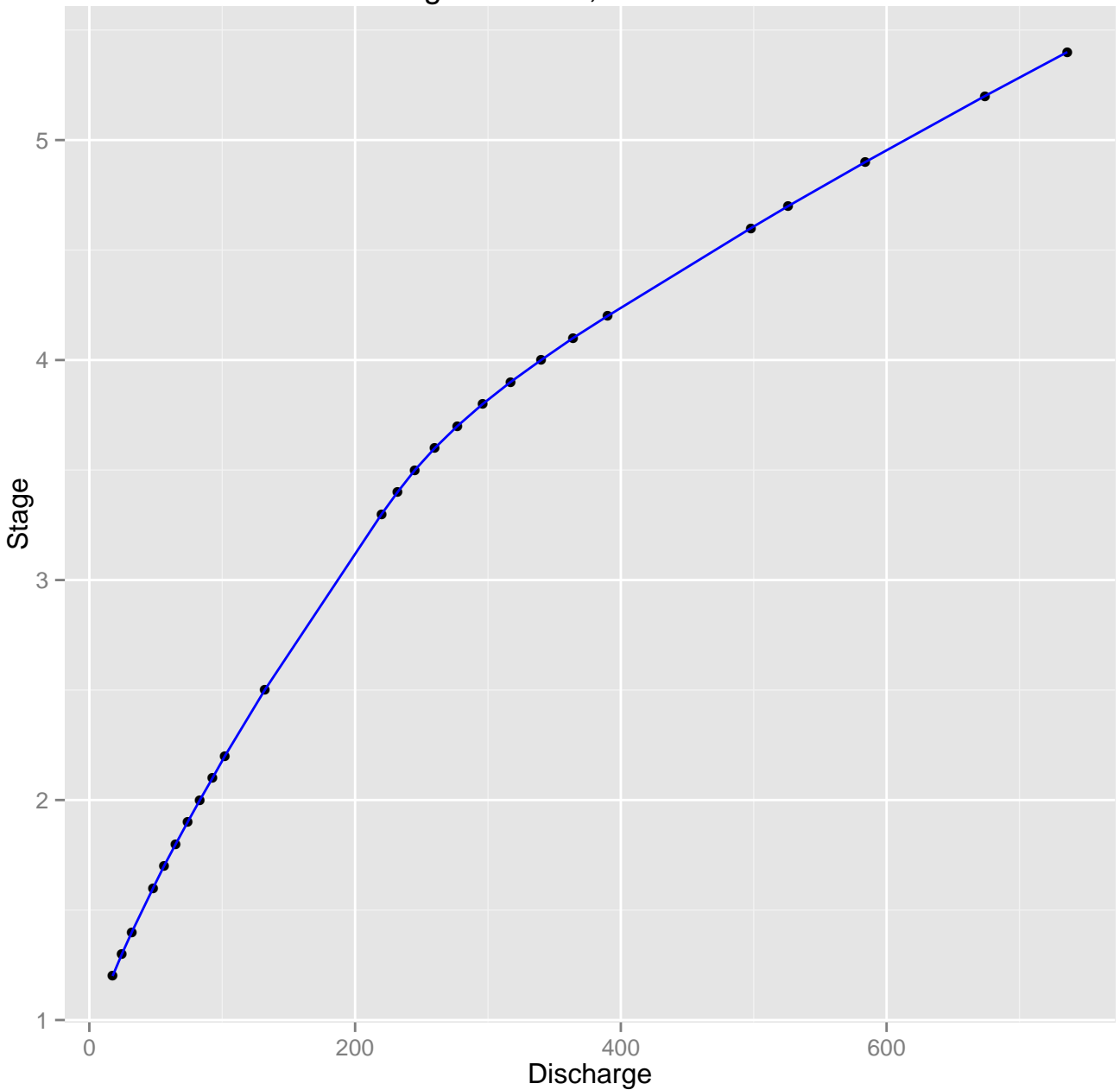
Rating: 08JC001; Table No: 24.00



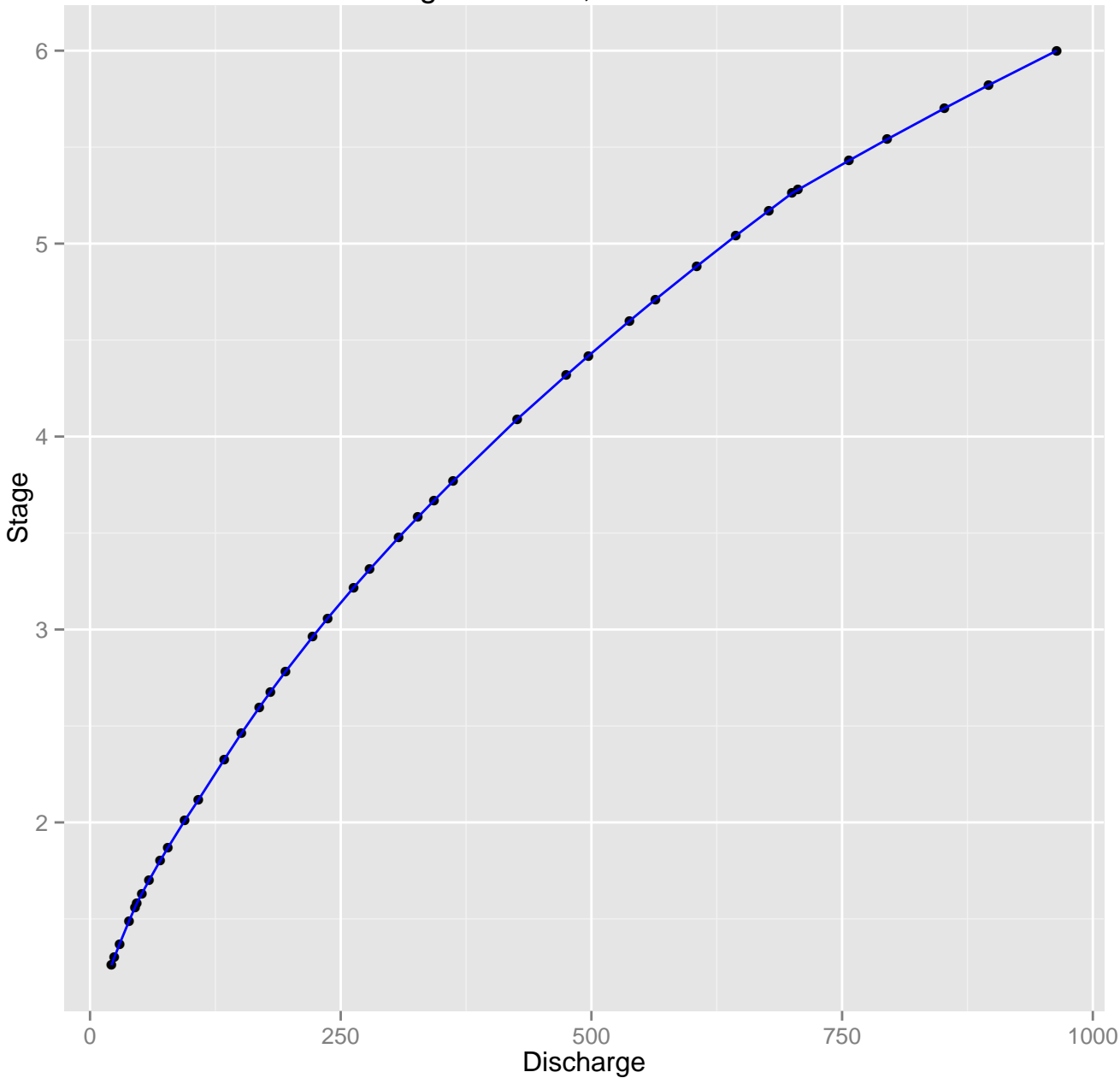
Rating: 08JC001; Table No: 25.00



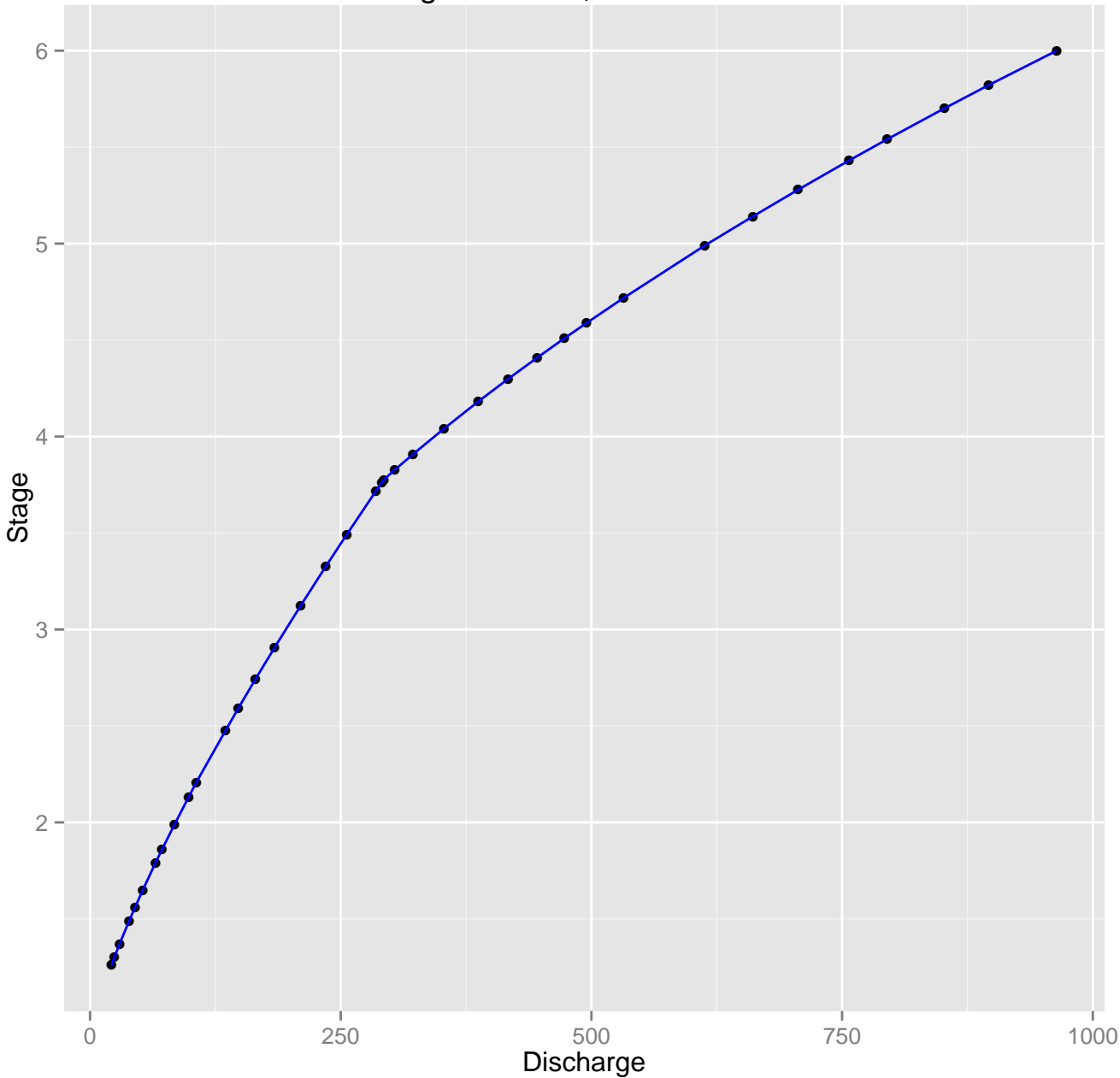
Rating: 08JC001; Table No: 26.00



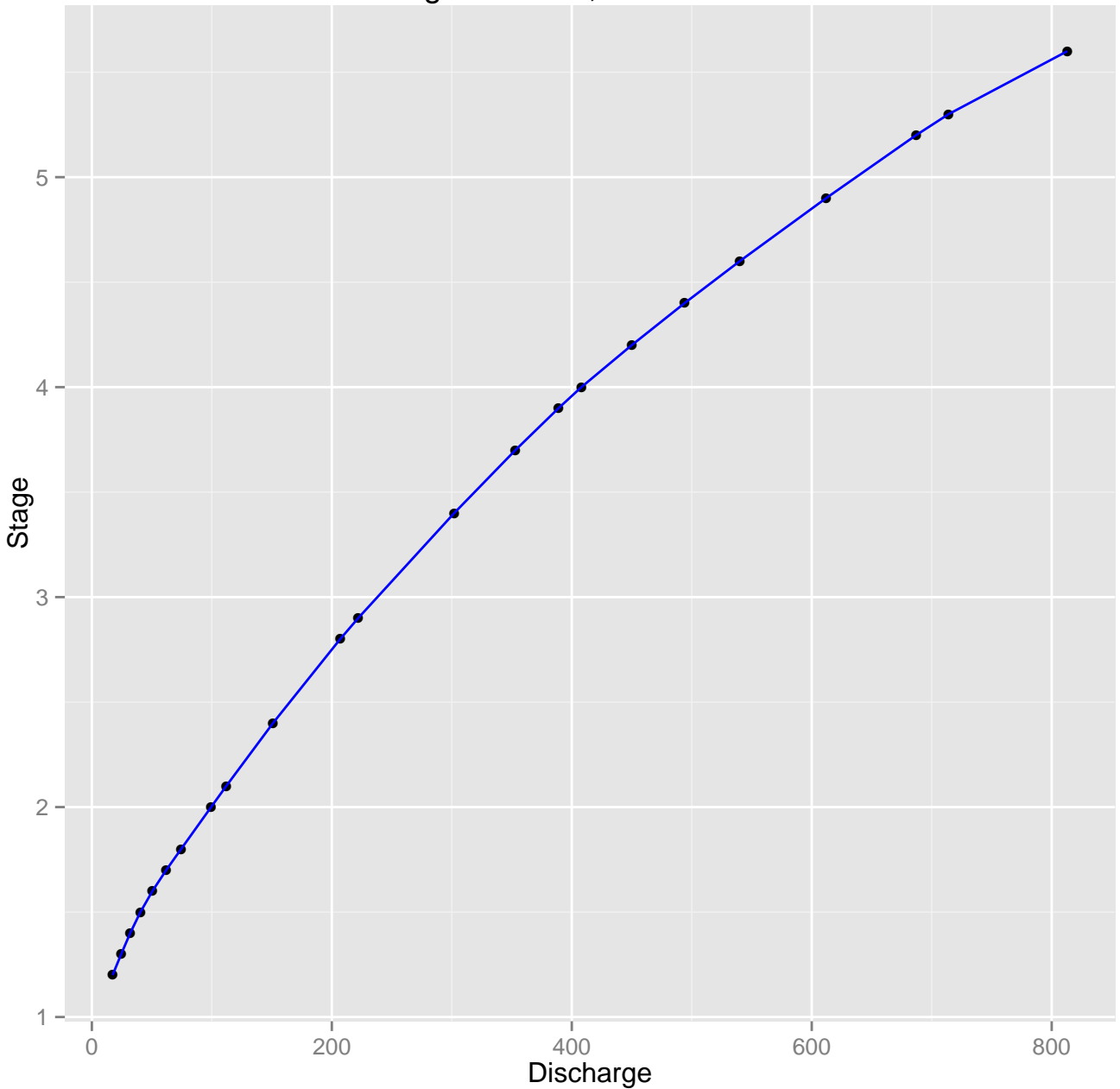
Rating: 08JC001; Table No: 27.00



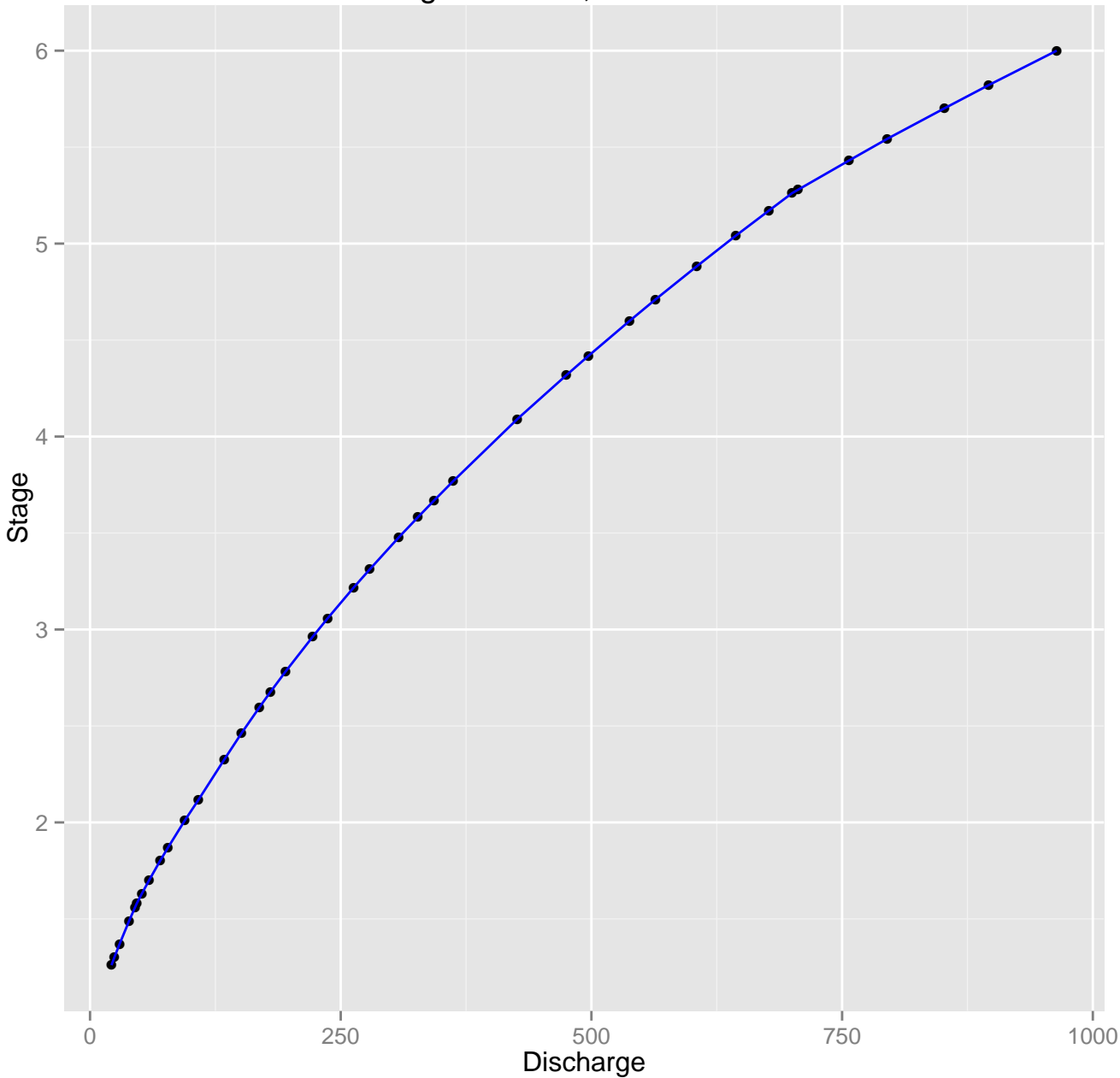
Rating: 08JC001; Table No: 28.00



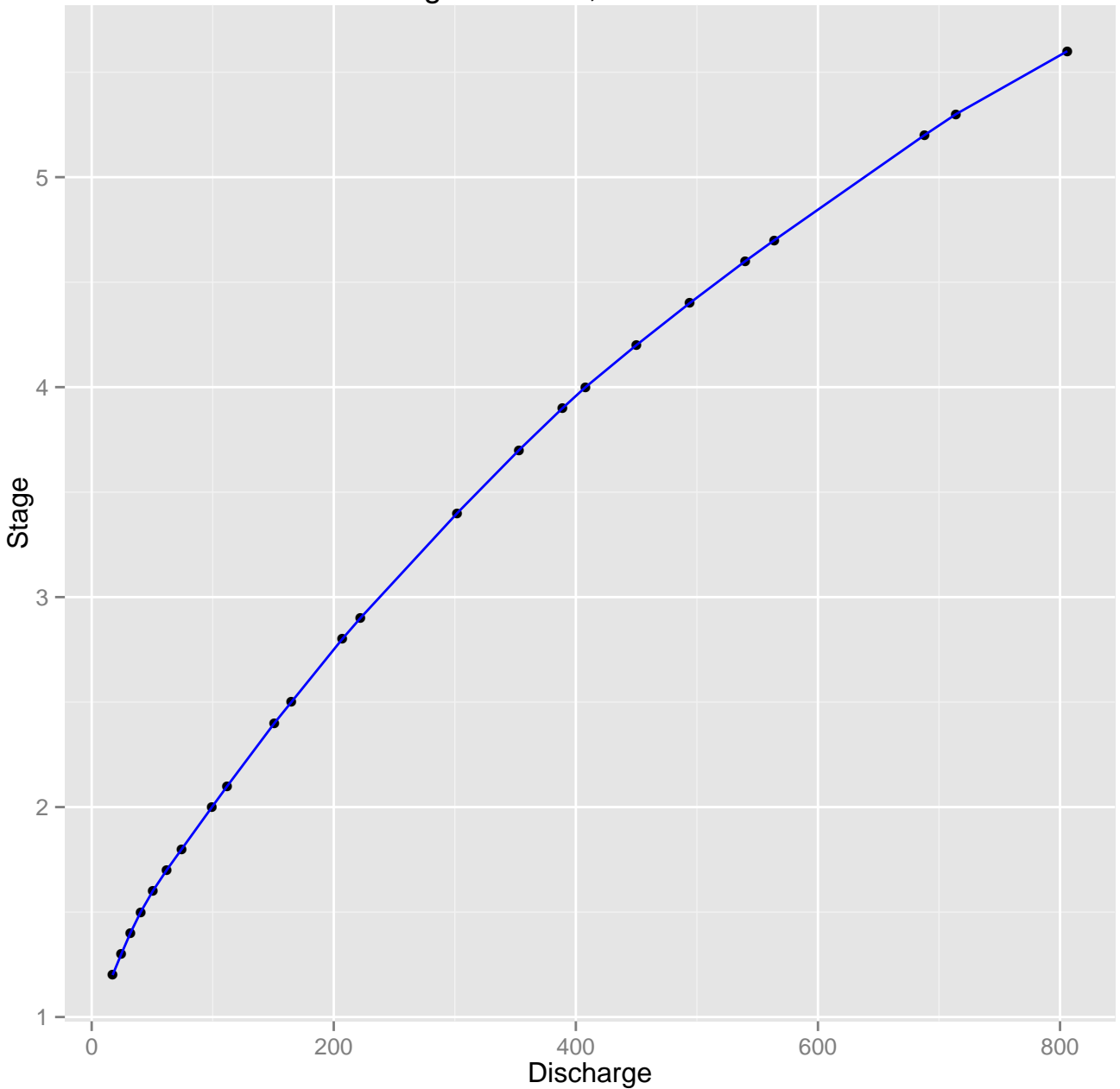
Rating: 08JC001; Table No: 29.00



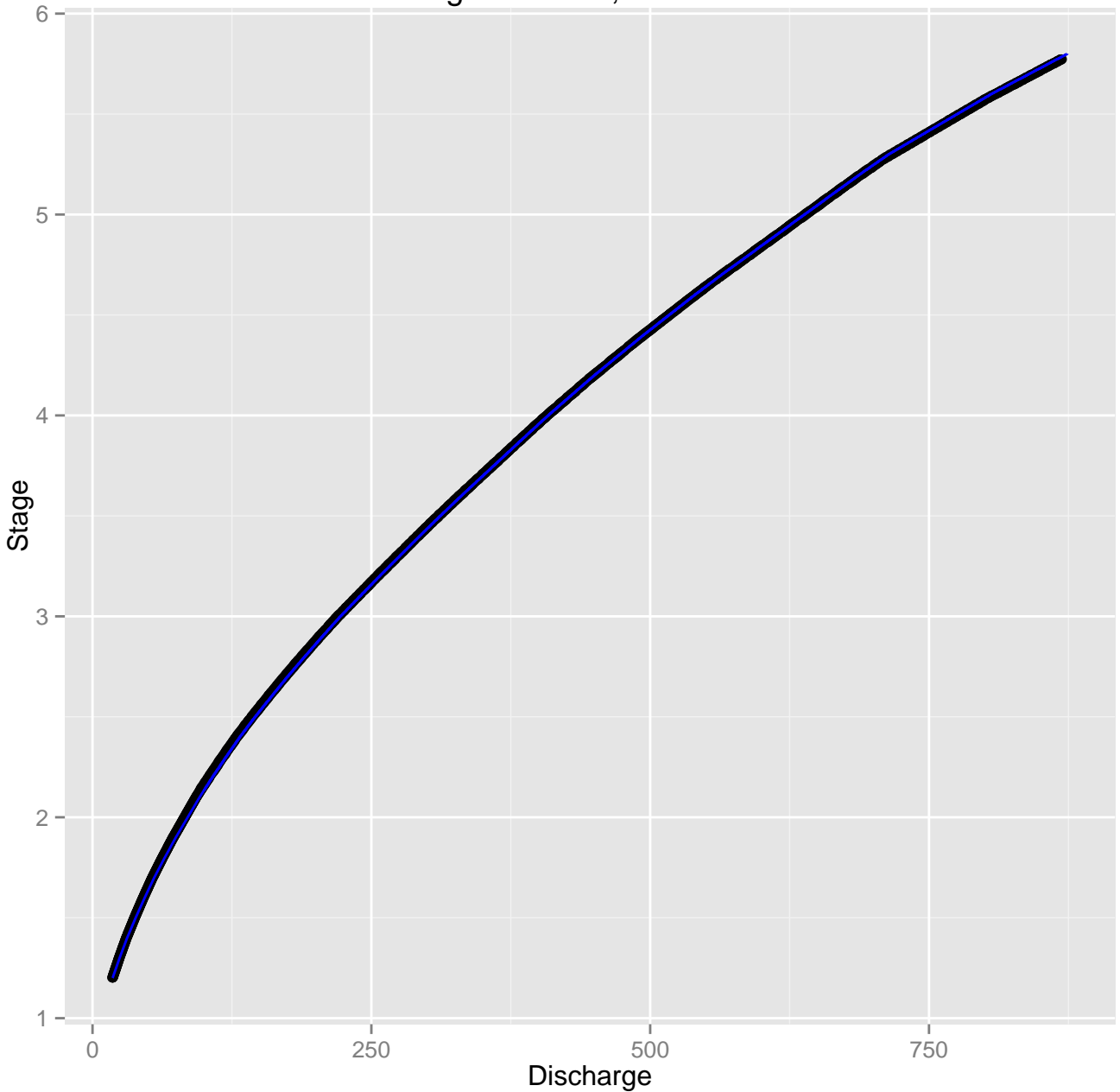
Rating: 08JC001; Table No: 30.00



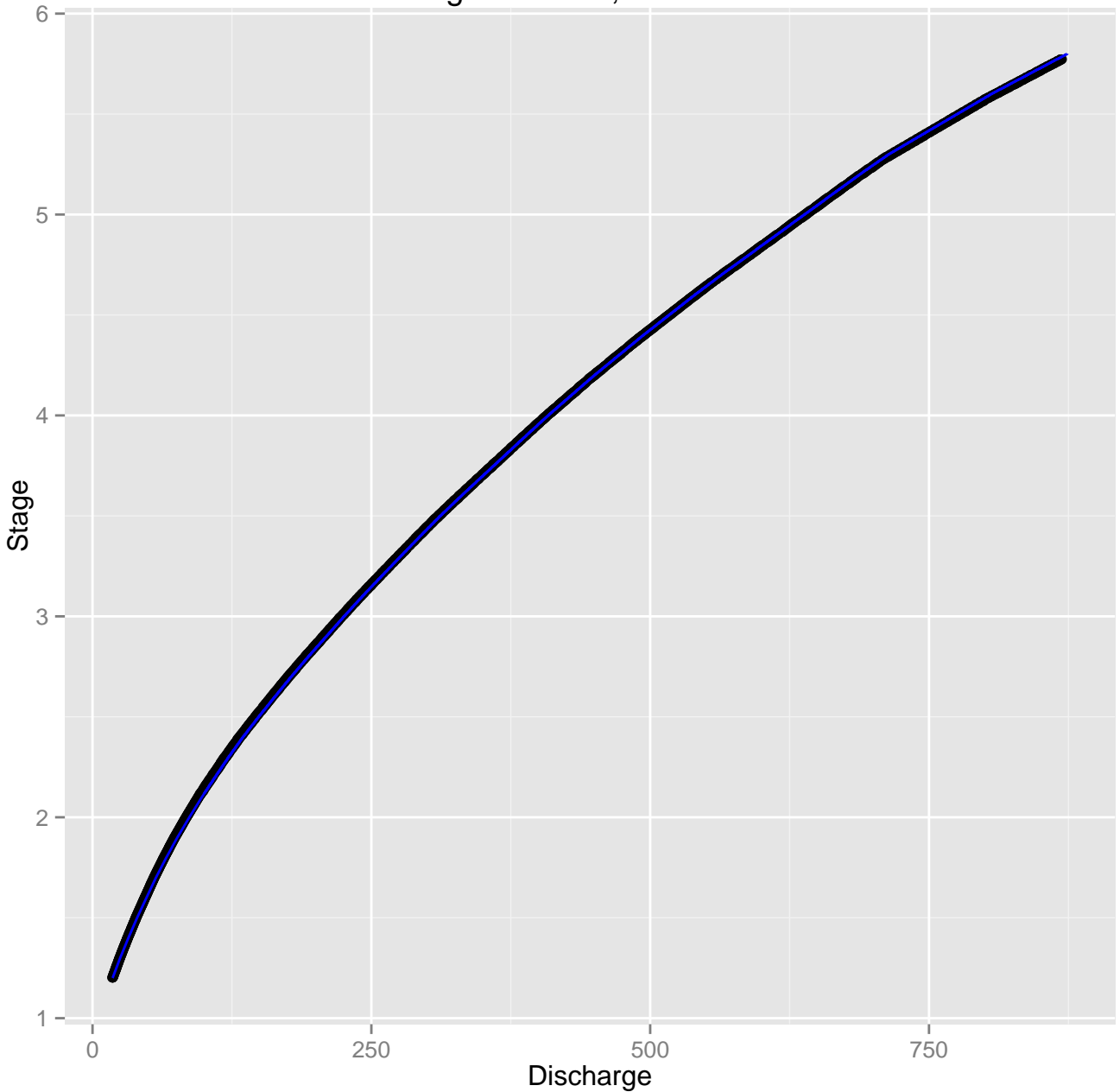
Rating: 08JC001; Table No: 31.00



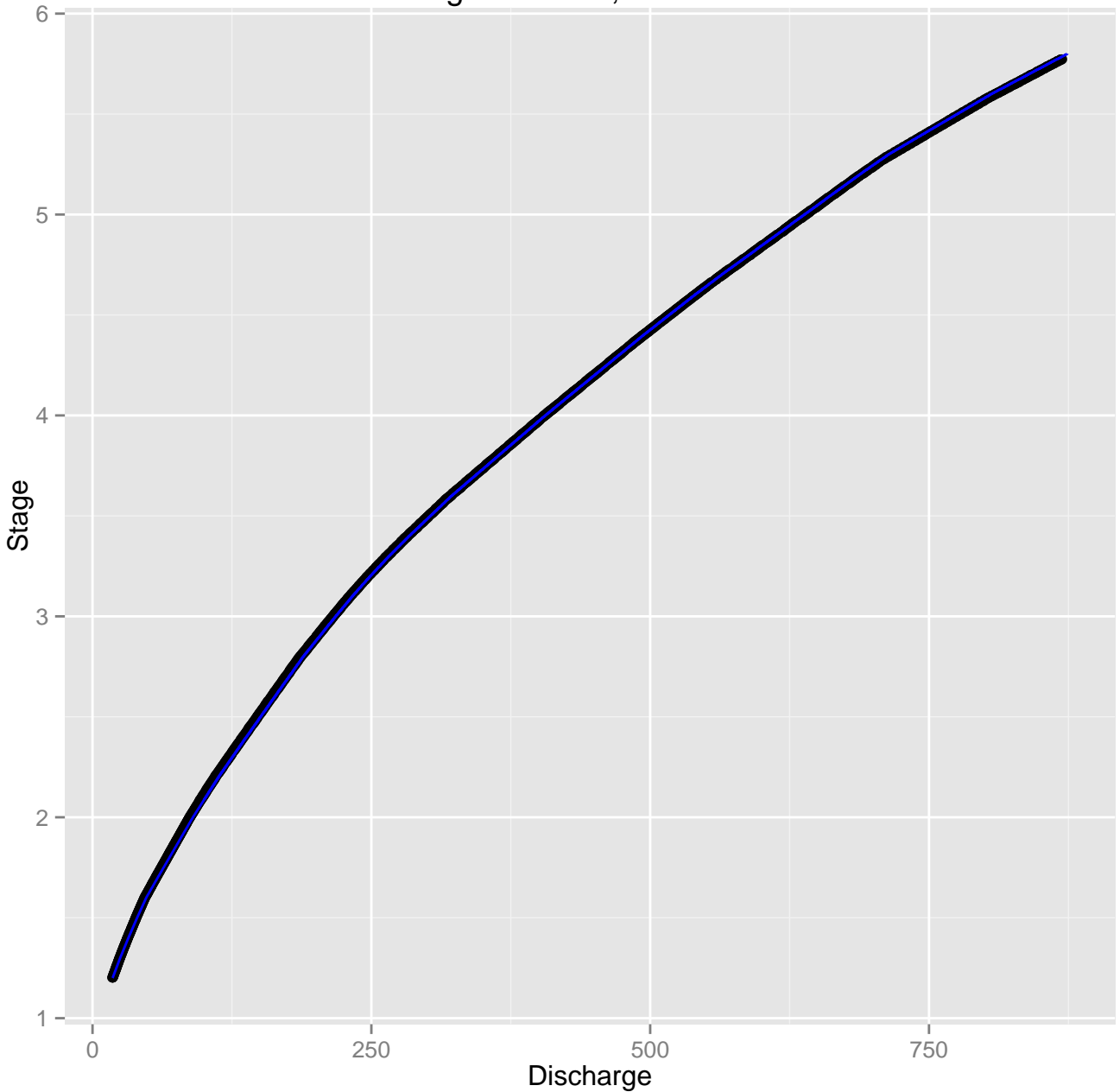
Rating: 08JC001; Table No: 32



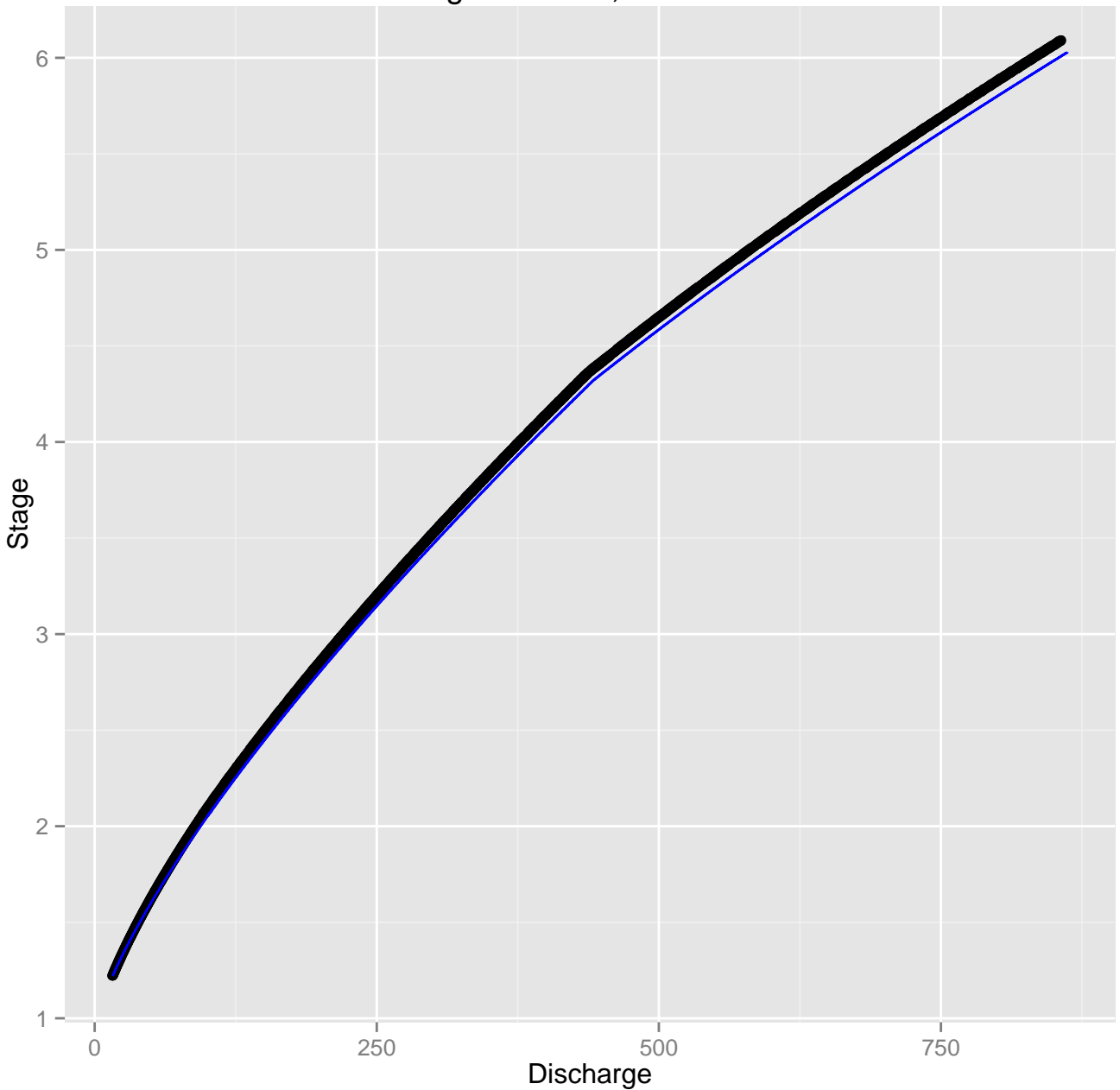
Rating: 08JC001; Table No: 33



Rating: 08JC001; Table No: 34



Rating: 08JC001; Table No: 35



8. Re-analyzed Rating Curves With Best Fit Regression Equation

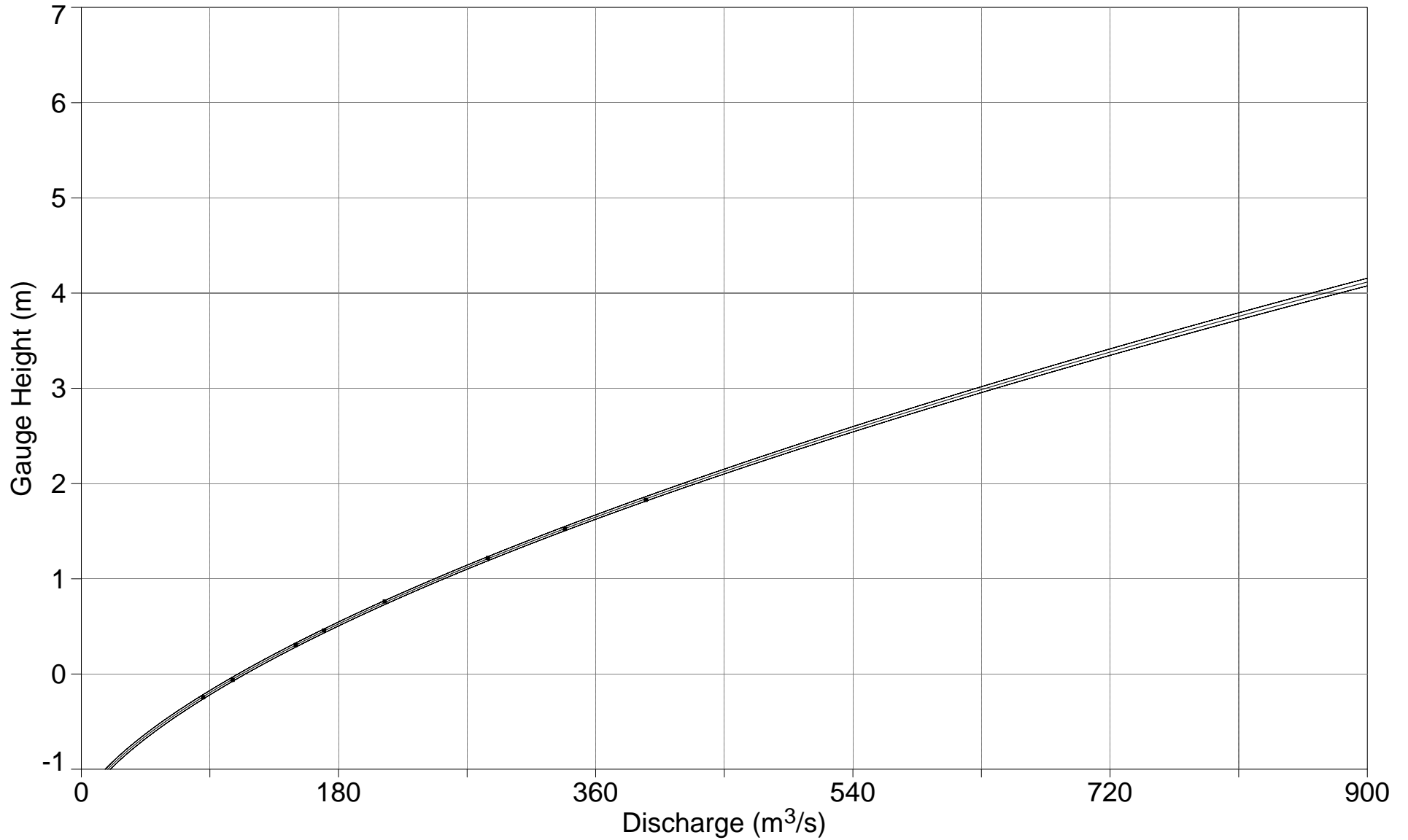
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #0.85

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99989889$ DF Adj $r^2=0.99985845$ FitStdErr=0.0081146358 Fstat=59337.239

$a=-1.3355055$

$b=0.026713121$



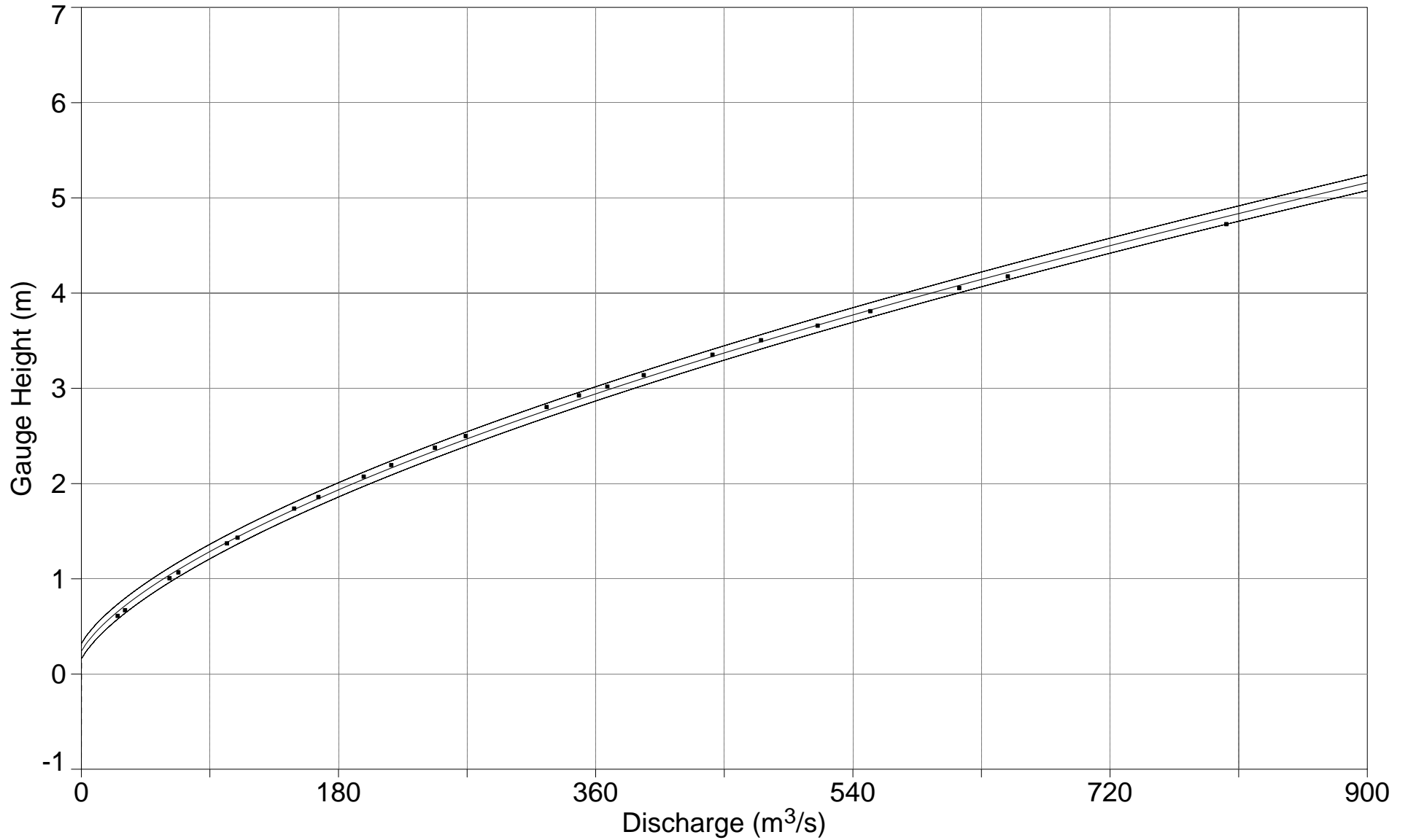
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #0.86

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99915817$ DF Adj $r^2=0.99907399$ FitStdErr=0.035137264 Fstat=24924.704

$a=0.262514$

$b=0.023991452$



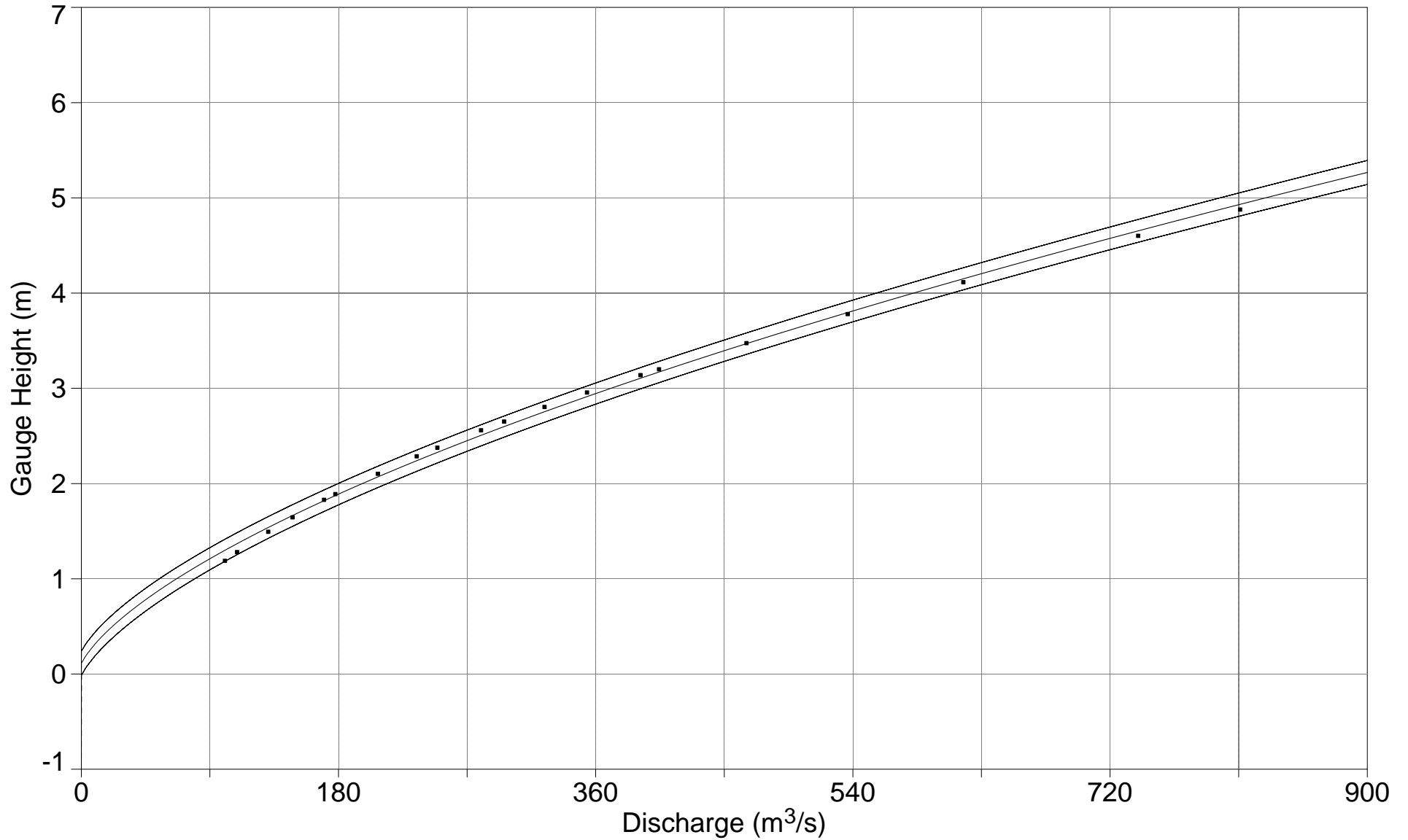
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #0.87

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99778071$ DF Adj $r^2=0.99751962$ FitStdErr=0.051577177 Fstat=8092.7164

$a=0.13808938$

$b=0.025131895$



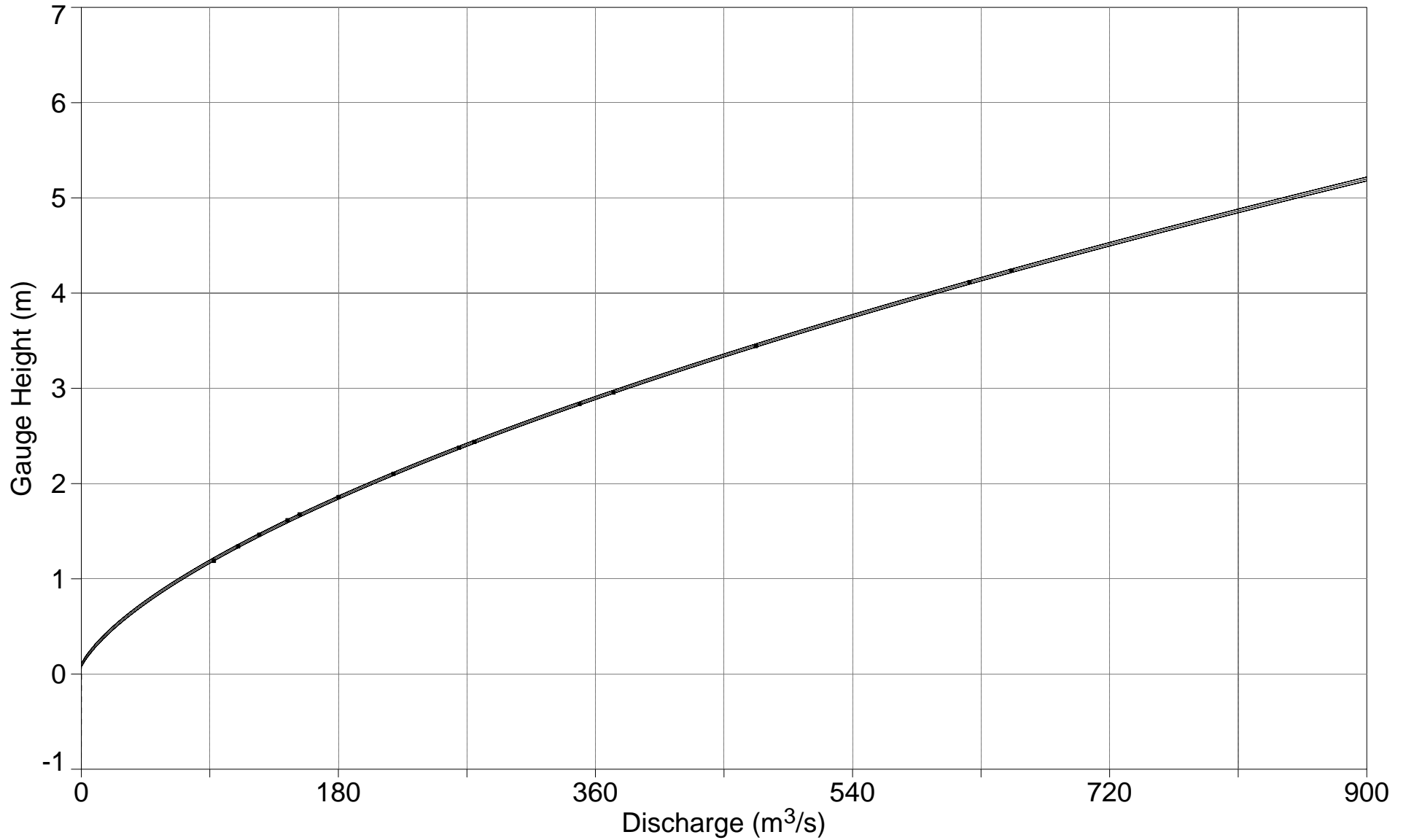
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #0.89

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99995132$ DF Adj $r^2=0.99994246$ FitStdErr=0.0072327264 Fstat=246474.2

$a=0.11810705$

$b=0.024894773$



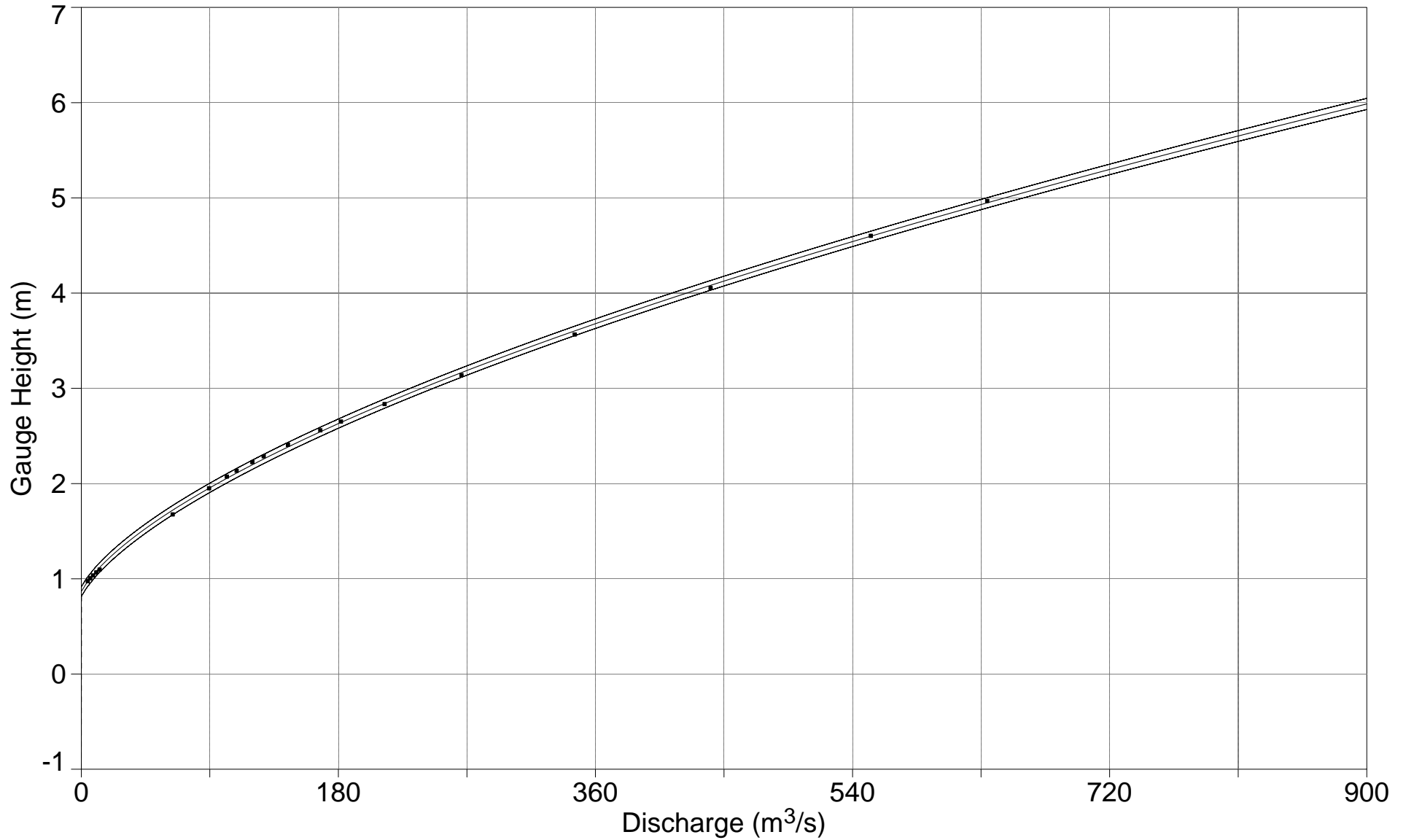
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #0.90

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99965608$ DF Adj $r^2=0.99961562$ FitStdErr=0.022550298 Fstat=52319.683

$a=0.88954352$

$b=0.024975234$



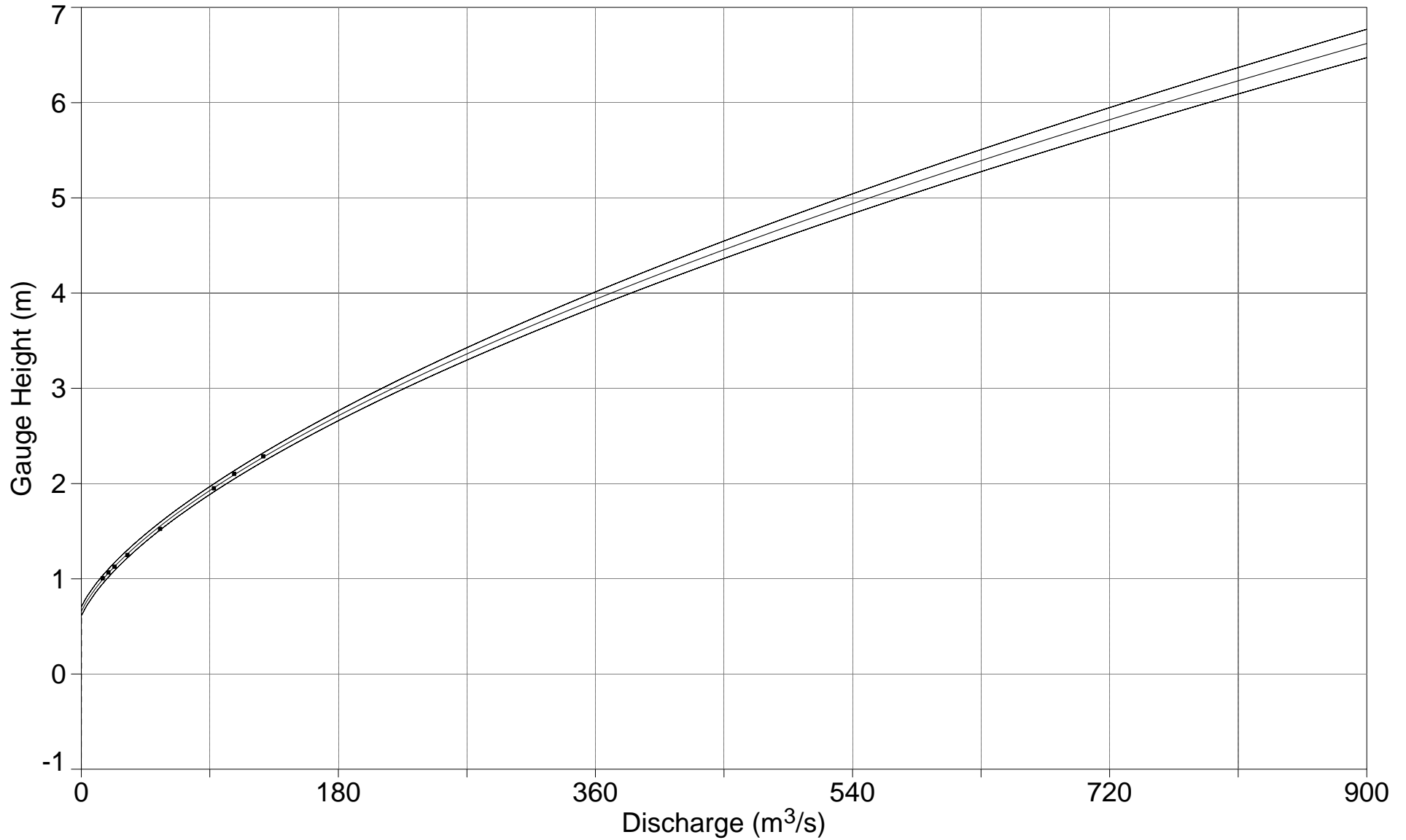
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #0.91

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99920081$ DF Adj $r^2=0.99888113$ FitStdErr=0.015507259 Fstat=7501.5883

$a=0.6859207$

$b=0.029084195$



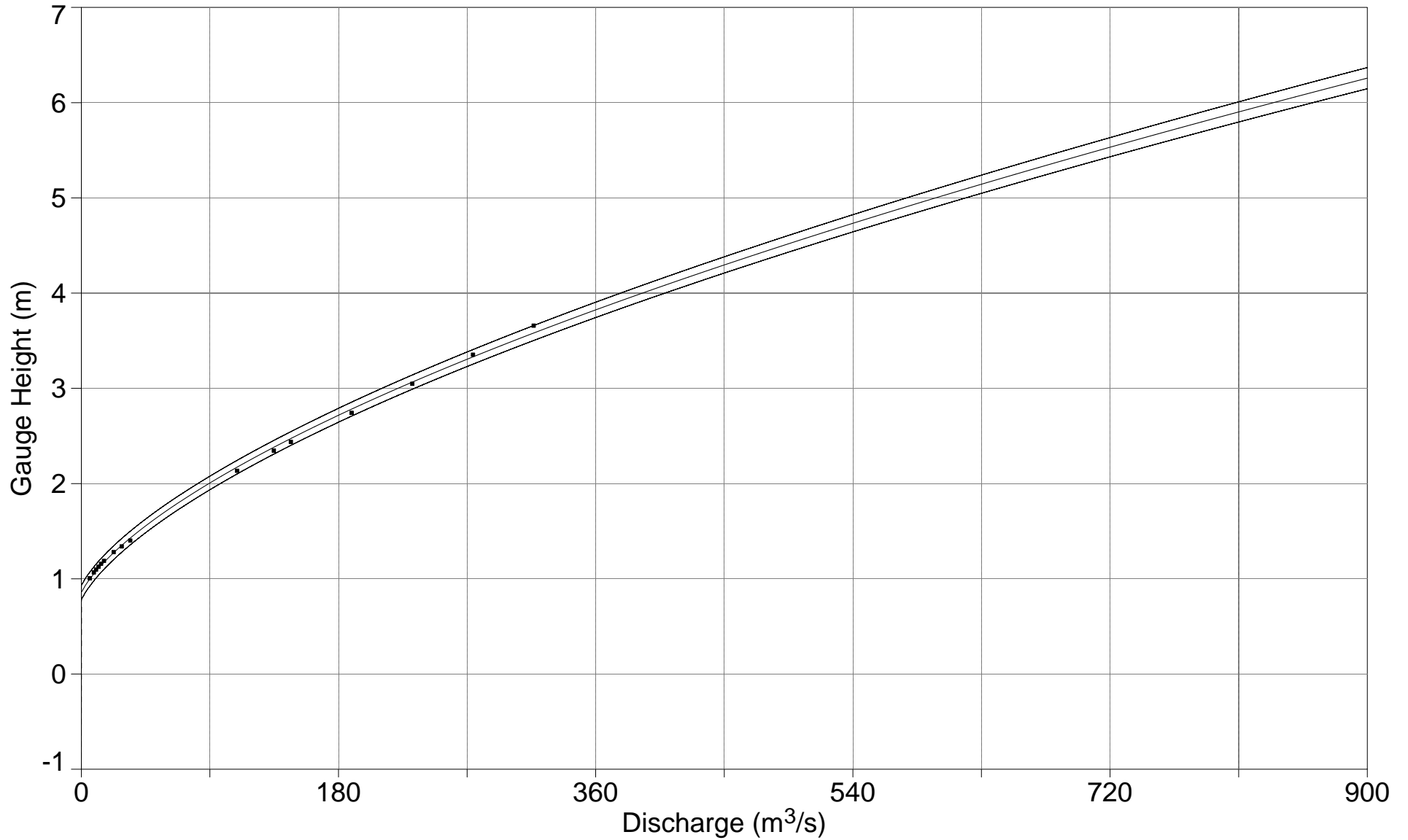
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #0.92

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99883658$ DF Adj $r^2=0.99865759$ FitStdErr=0.03224186 Fstat=12019.443

$a=0.88244343$

$b=0.026337538$



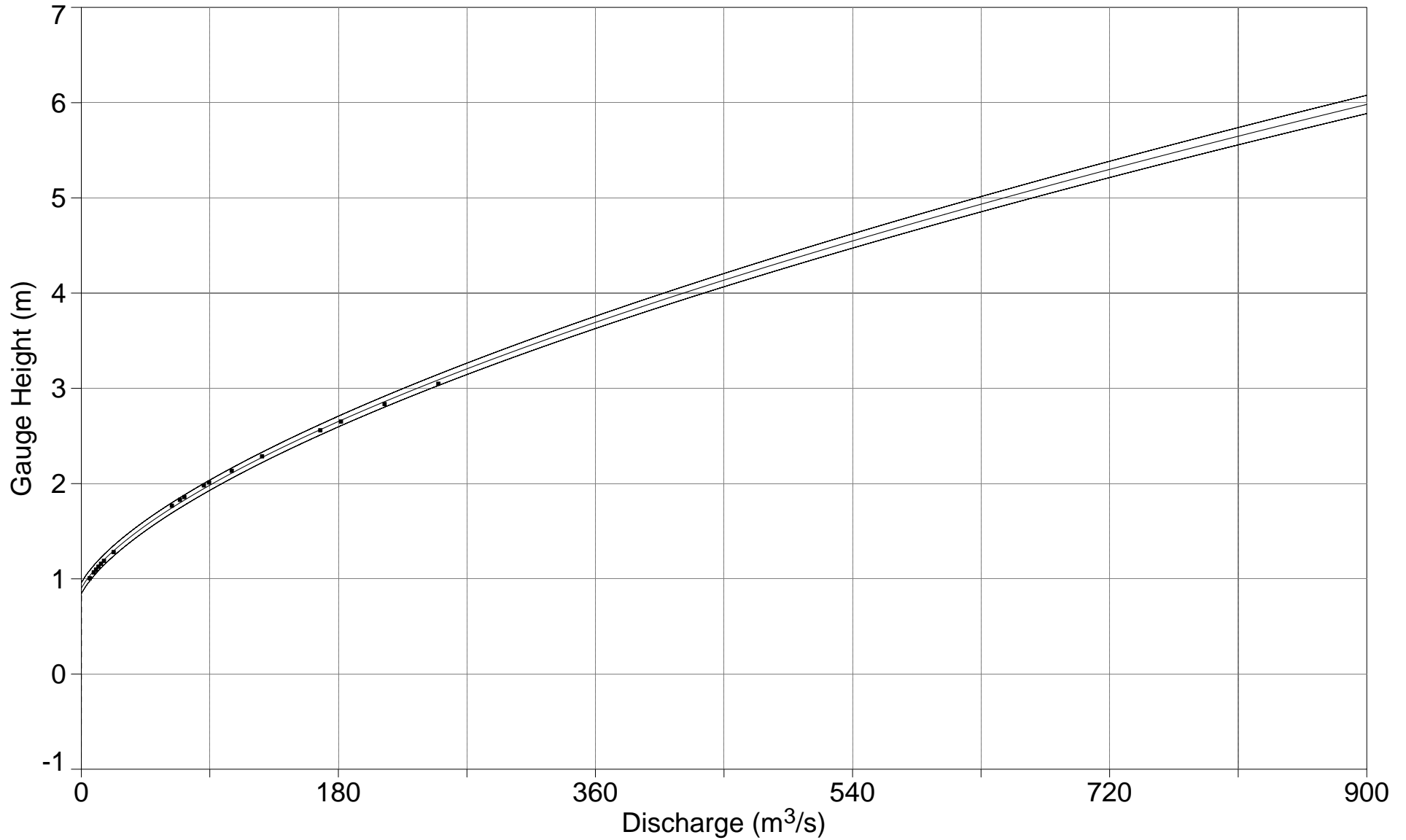
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #0.93

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99869783$ DF Adj $r^2=0.99852421$ FitStdErr=0.024737664 Fstat=12271.164

$a=0.92572828$

$b=0.024772392$



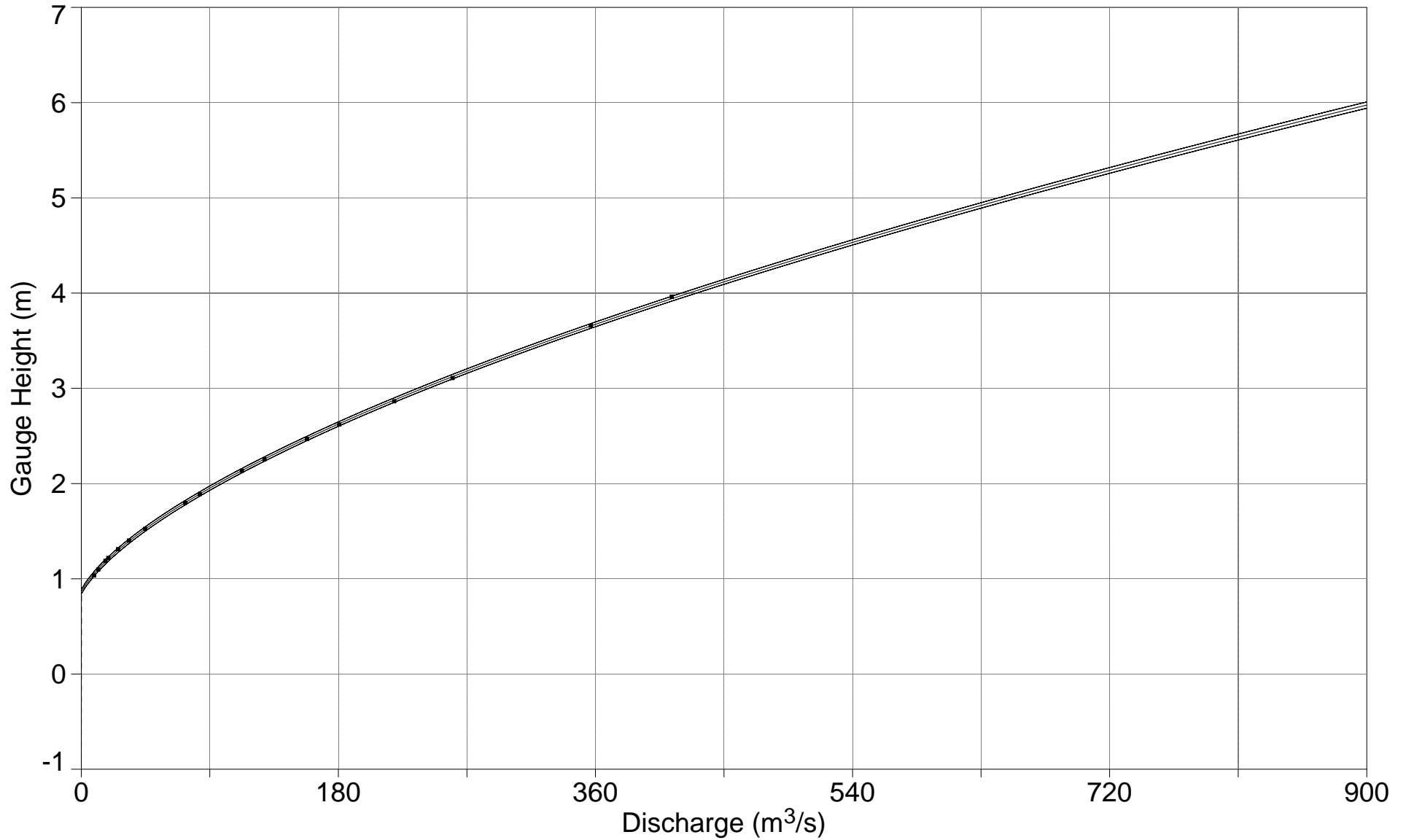
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #0.95

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99987652$ DF Adj $r^2=0.99985888$ FitStdErr=0.010443942 Fstat=121462.72

$a=0.88809049$

$b=0.024924441$



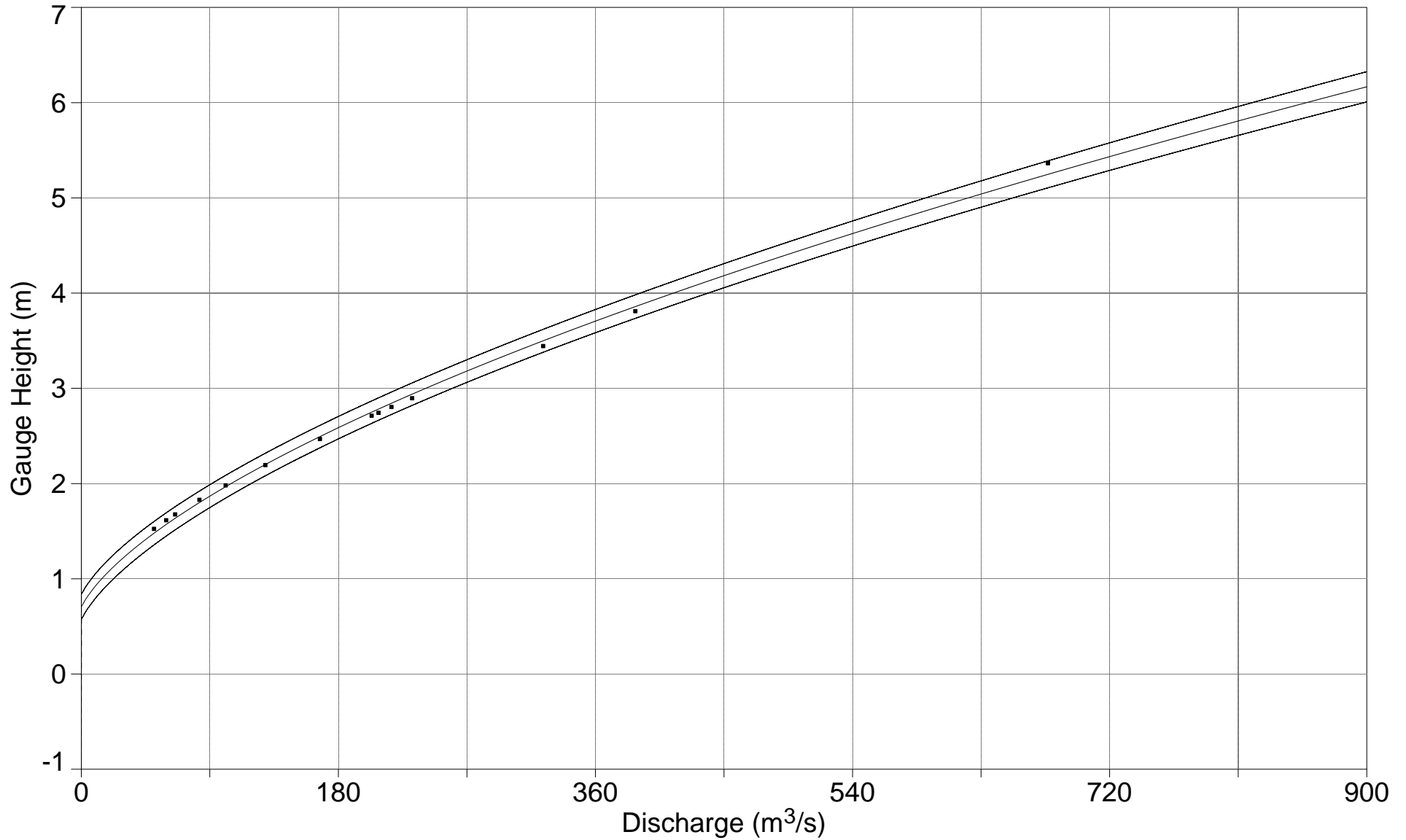
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #0.96

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99768234$ DF Adj $r^2=0.99726095$ FitStdErr=0.052162067 Fstat=5165.6421

$a=0.73129041$

$b=0.026633236$



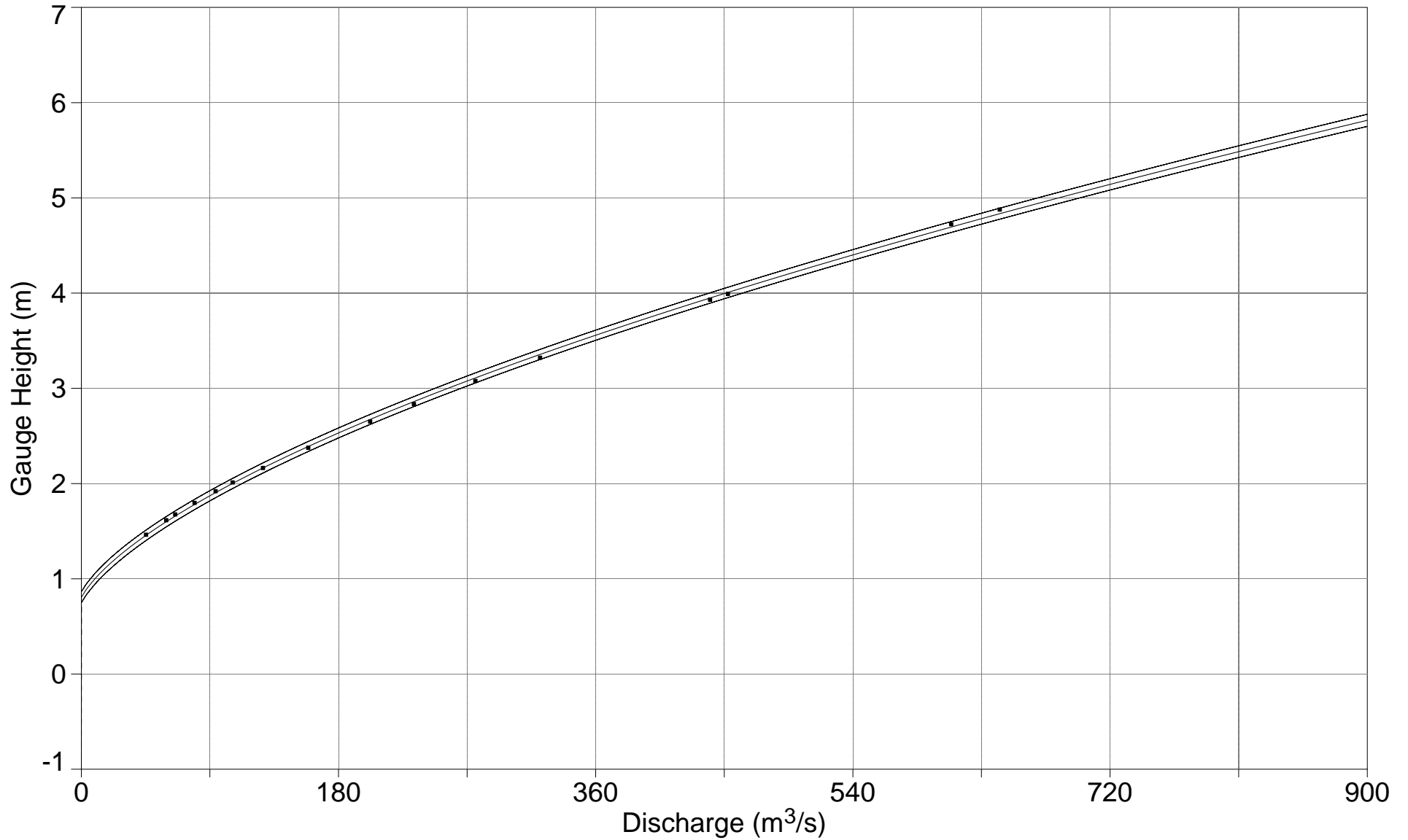
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #0.97

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99957439$ DF Adj $r^2=0.99950892$ FitStdErr=0.023729869 Fstat=32880.349

$a=0.82952081$

$b=0.024426991$



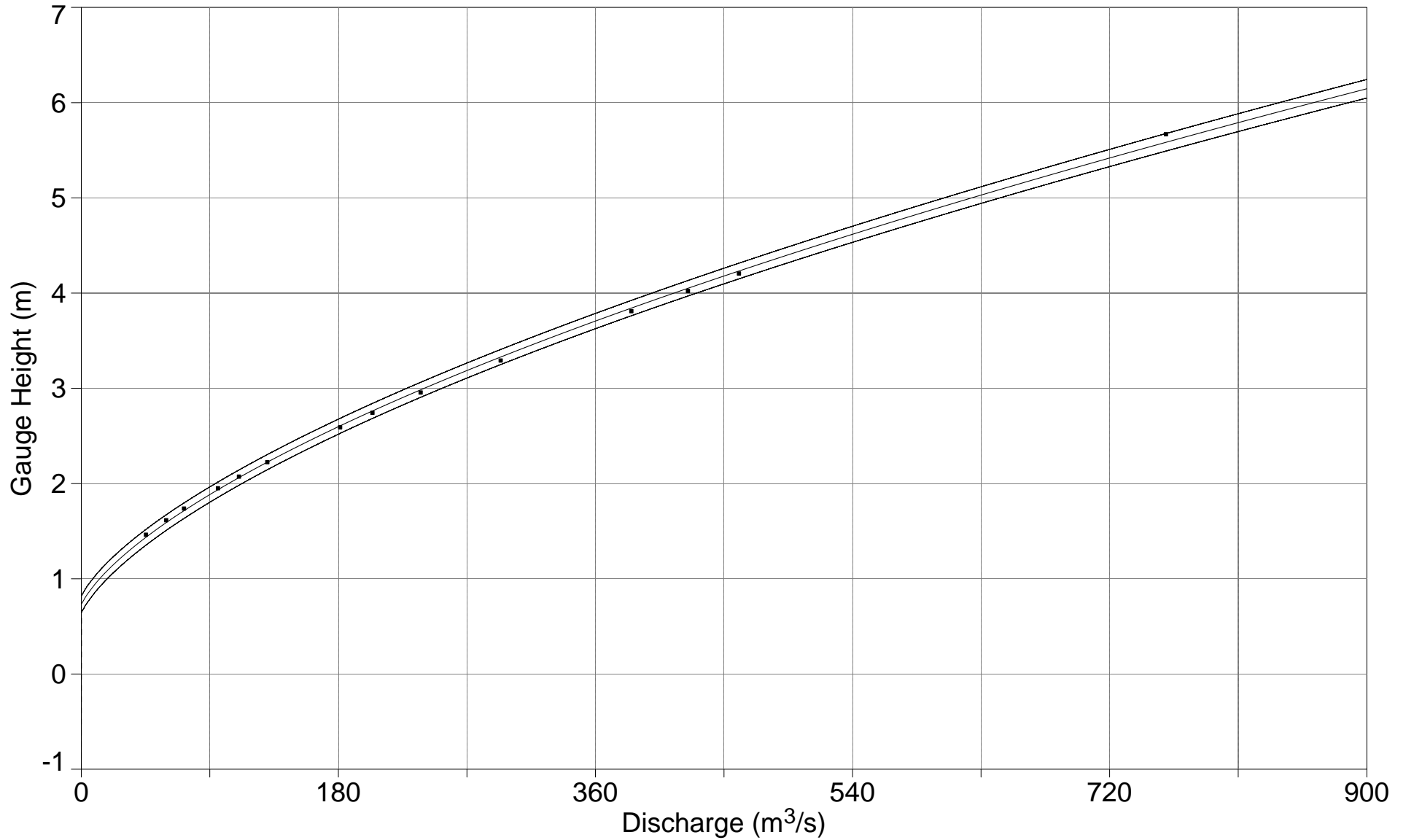
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #0.98

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99922271$ DF Adj $r^2=0.99908139$ FitStdErr=0.034937024 Fstat=15426.281

$a=0.75796204$

$b=0.026400833$



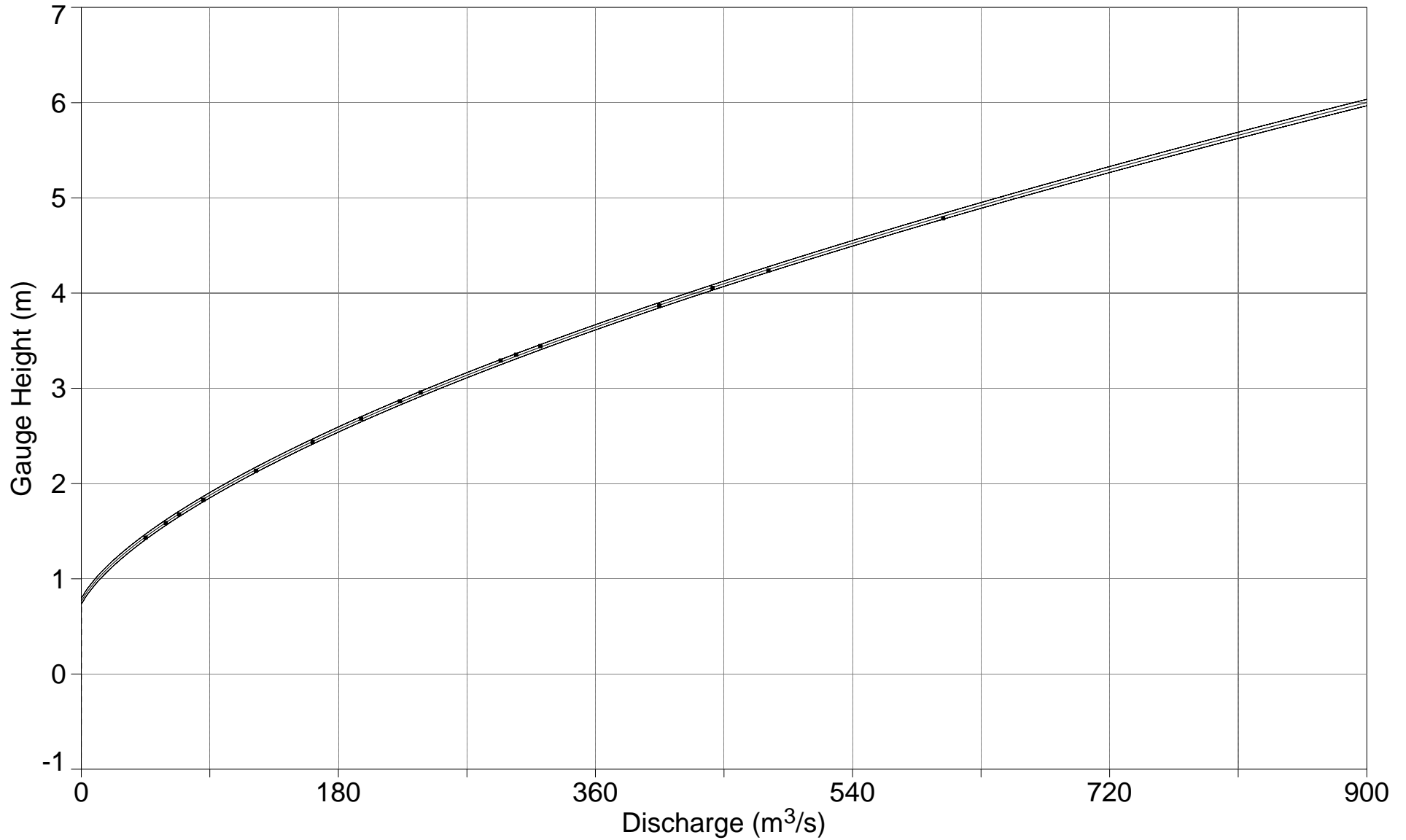
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #1.00

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99986464$ DF Adj $r^2=0.99984382$ FitStdErr=0.012299056 Fstat=103415.43

$a=0.78758494$

$b=0.025547511$



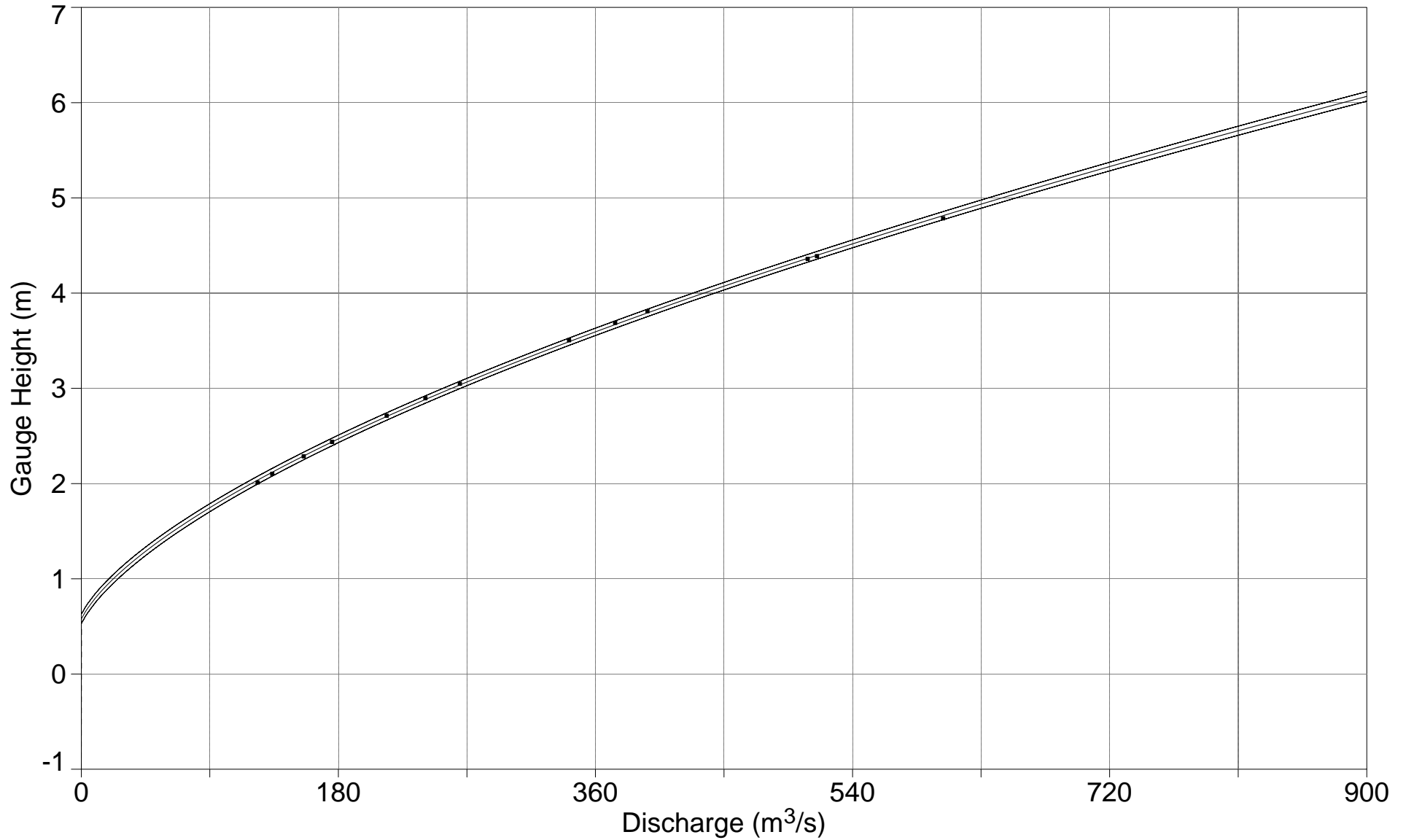
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #2

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99969865$ DF Adj $r^2=0.99963838$ FitStdErr=0.0168319 Fstat=36491.483

$a=0.60467524$

$b=0.026759316$



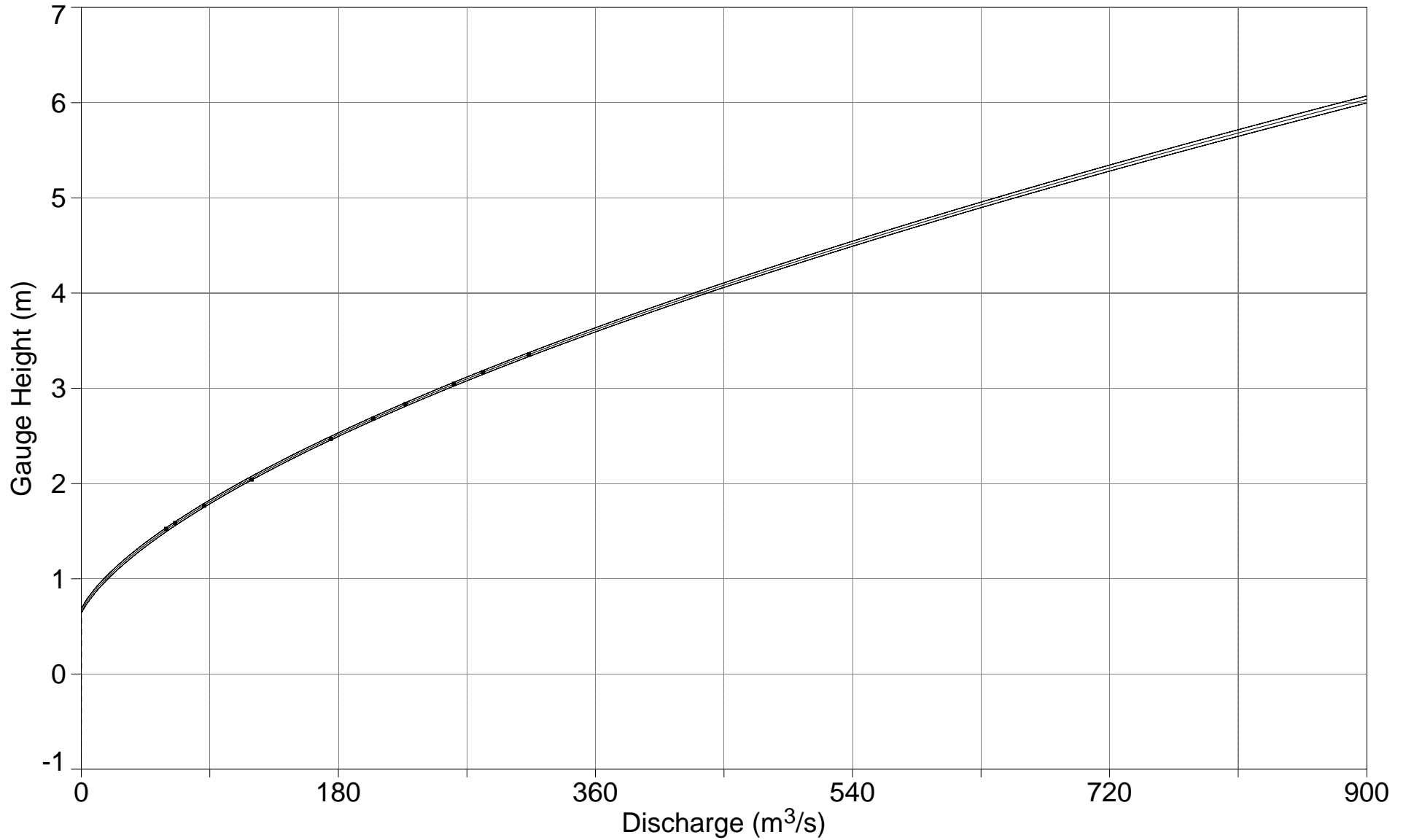
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #3

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99987973$ DF Adj $r^2=0.99984537$ FitStdErr=0.0078806224 Fstat=66510.107

$a=0.6899132$

$b=0.026186611$



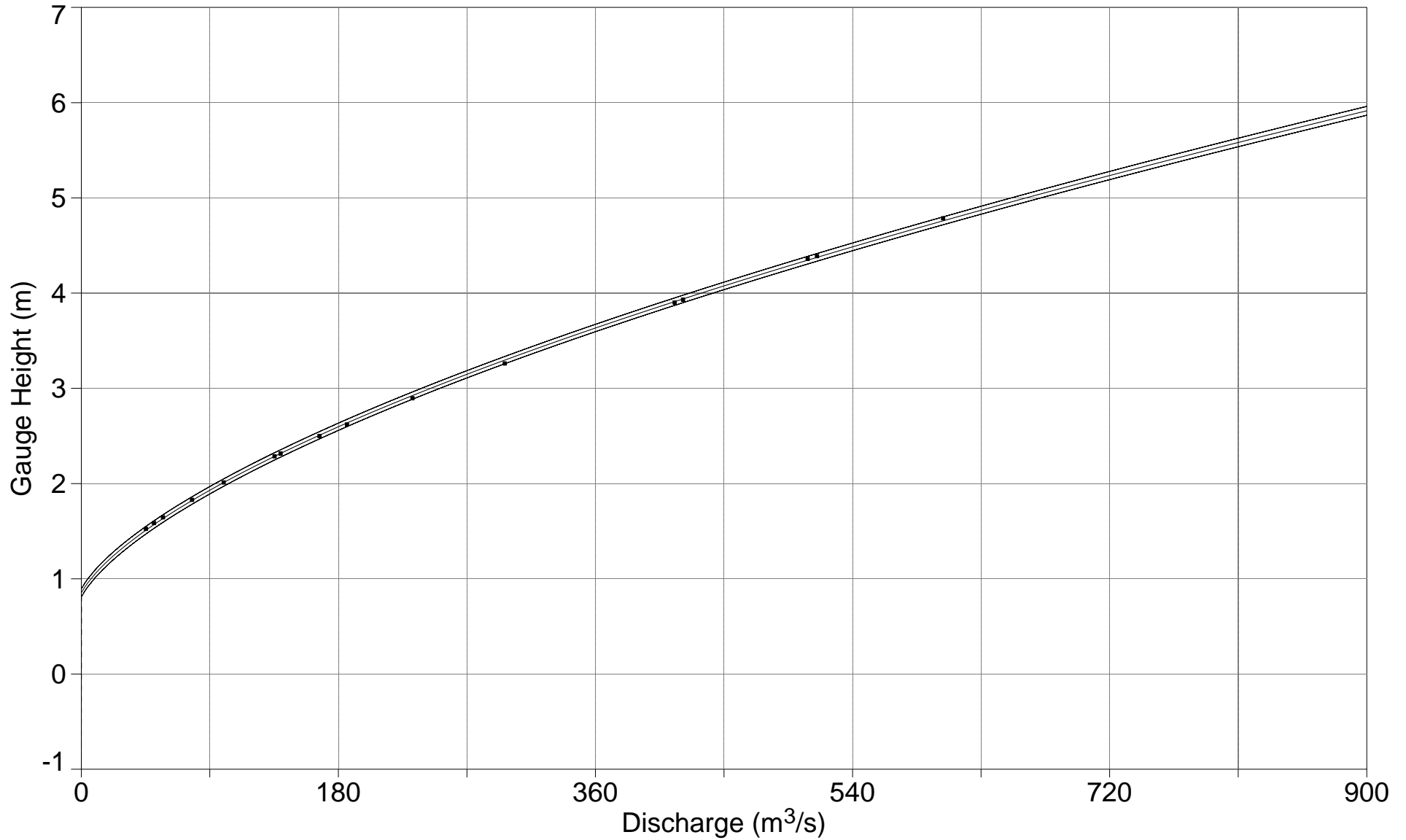
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #4

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99977108$ DF Adj $r^2=0.99973586$ FitStdErr=0.01723413 Fstat=61141.969

$a=0.87657712$

$b=0.024685398$



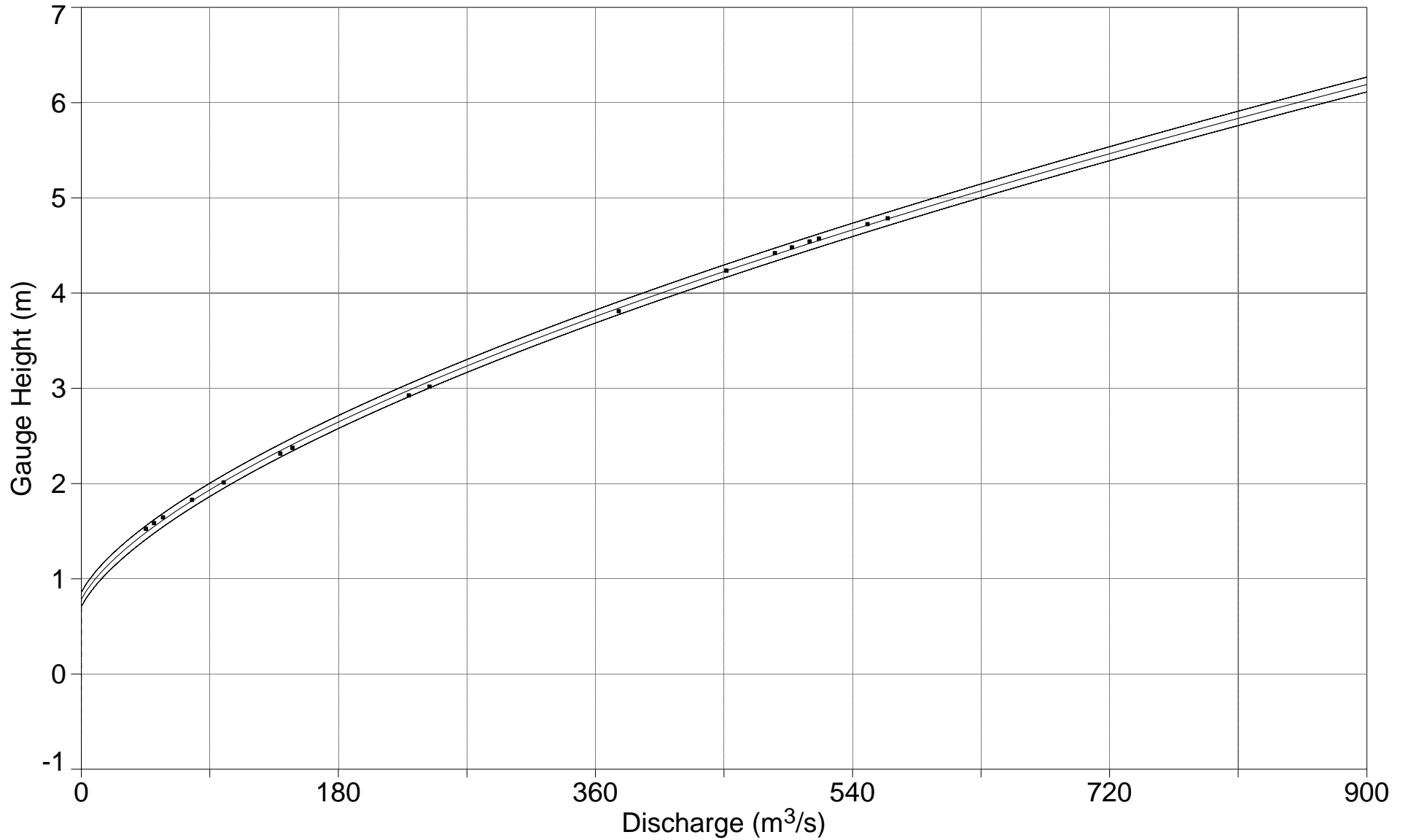
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #5

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99944596$ DF Adj $r^2=0.99936681$ FitStdErr=0.030855247 Fstat=27058.753

$a=0.80873698$

$b=0.026369369$



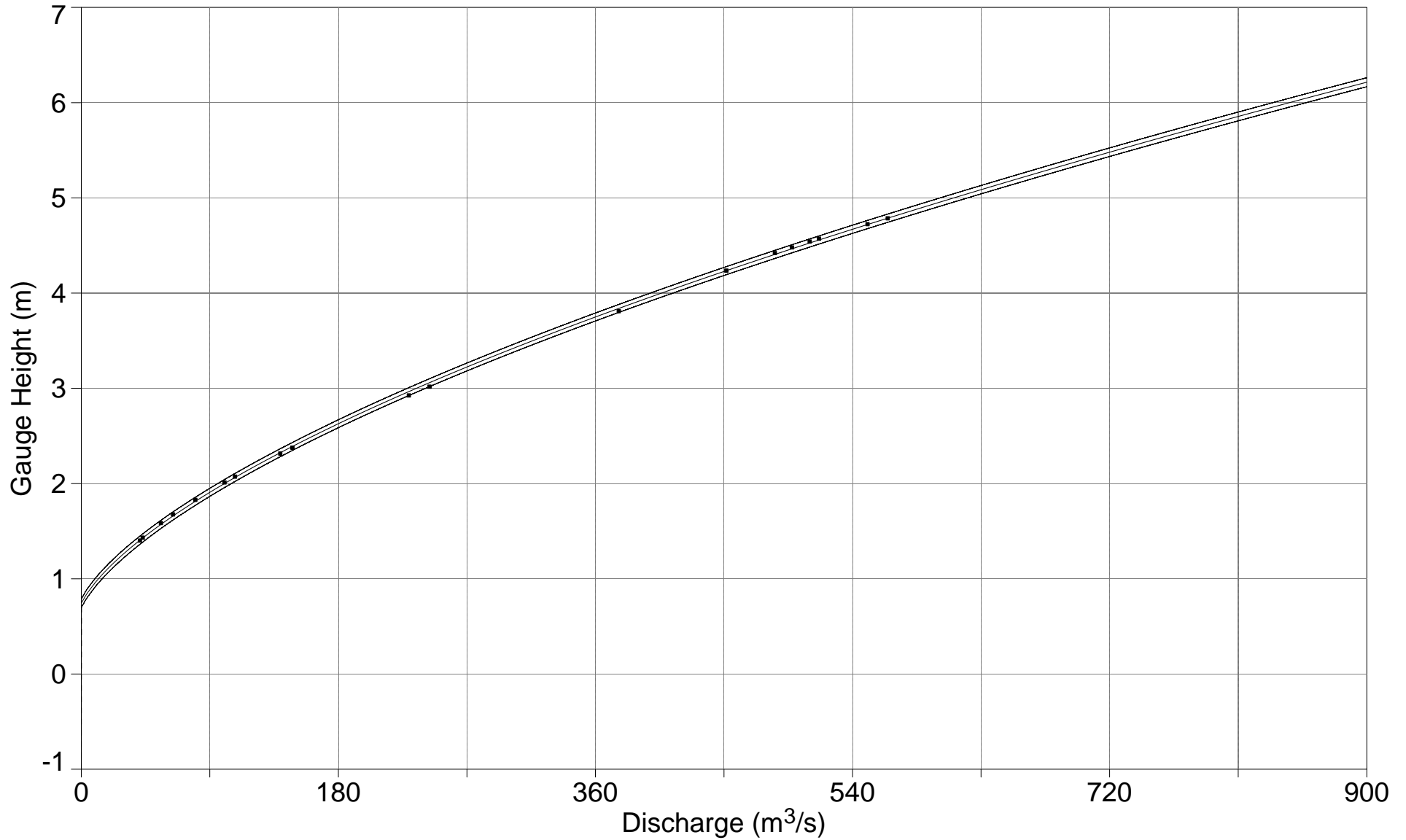
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #6

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99979345$ DF Adj $r^2=0.99976763$ FitStdErr=0.019142331 Fstat=82285.729

$a=0.76947377$

$b=0.026681256$



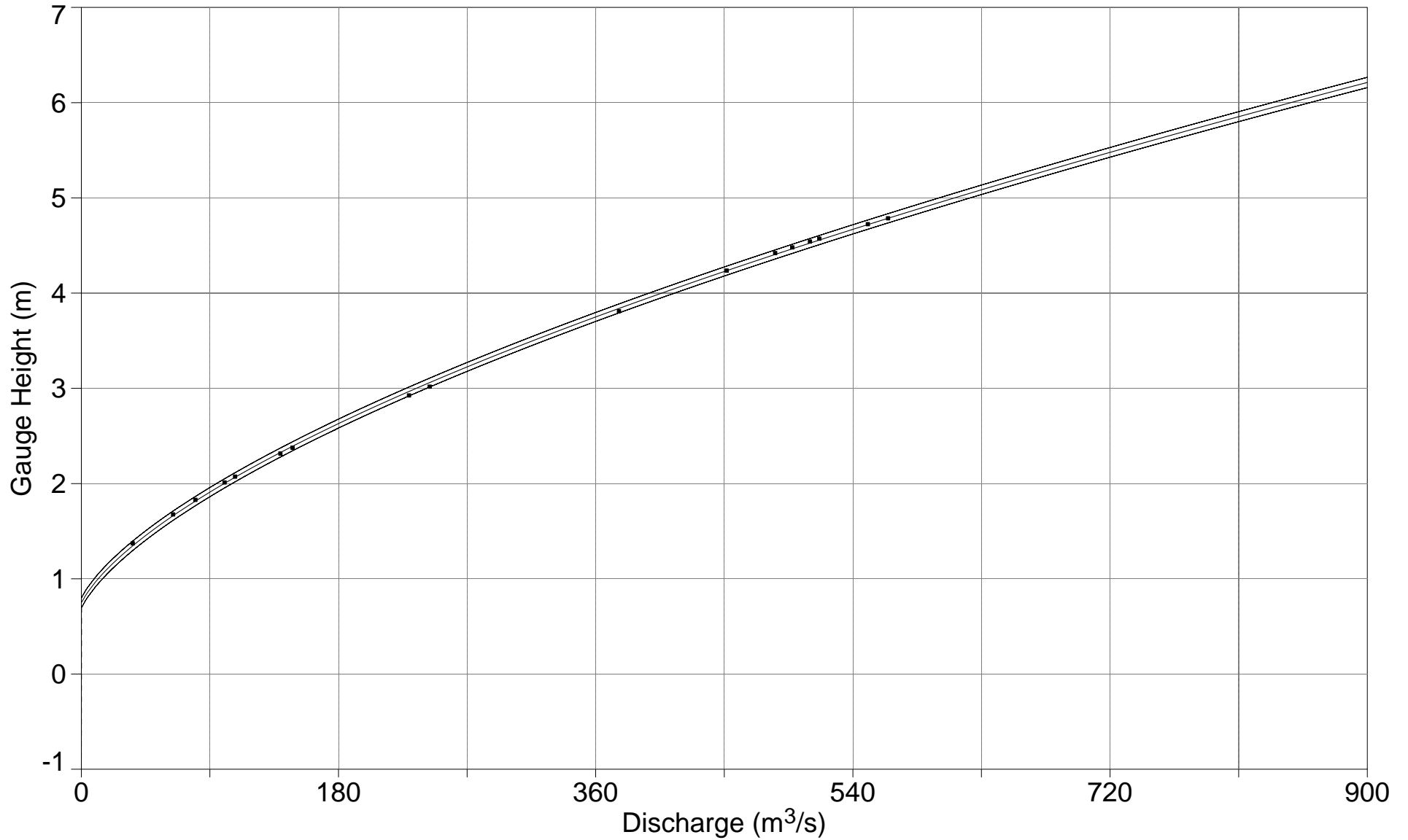
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #7

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99972574$ DF Adj $r^2=0.99968656$ FitStdErr=0.021316832 Fstat=54676.818

$a=0.77300148$

$b=0.026651366$



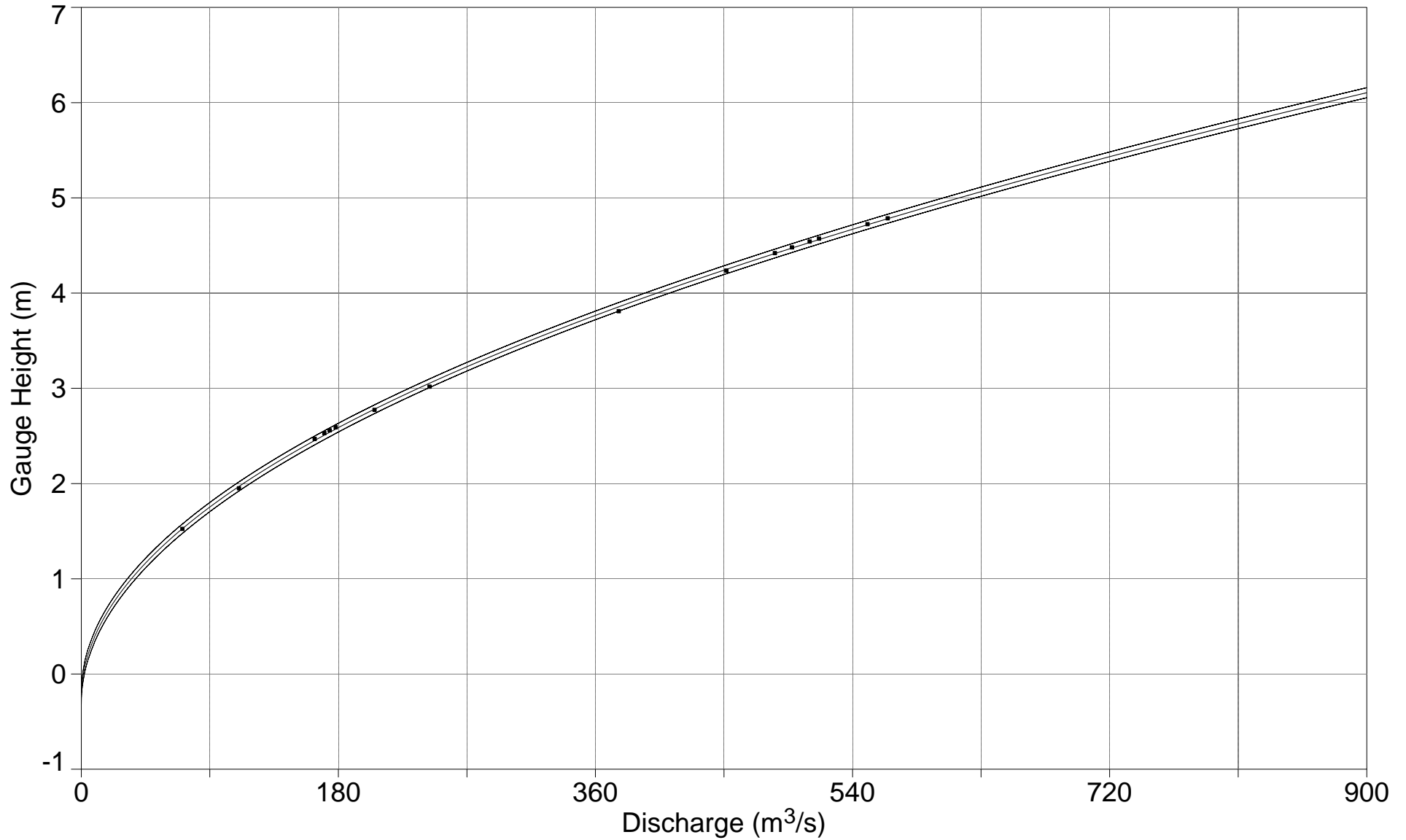
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #8

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.9996839$ DF Adj $r^2=0.99963527$ FitStdErr=0.020462878 Fstat=44275.916

$a=-0.25808431$

$b=0.21207778$



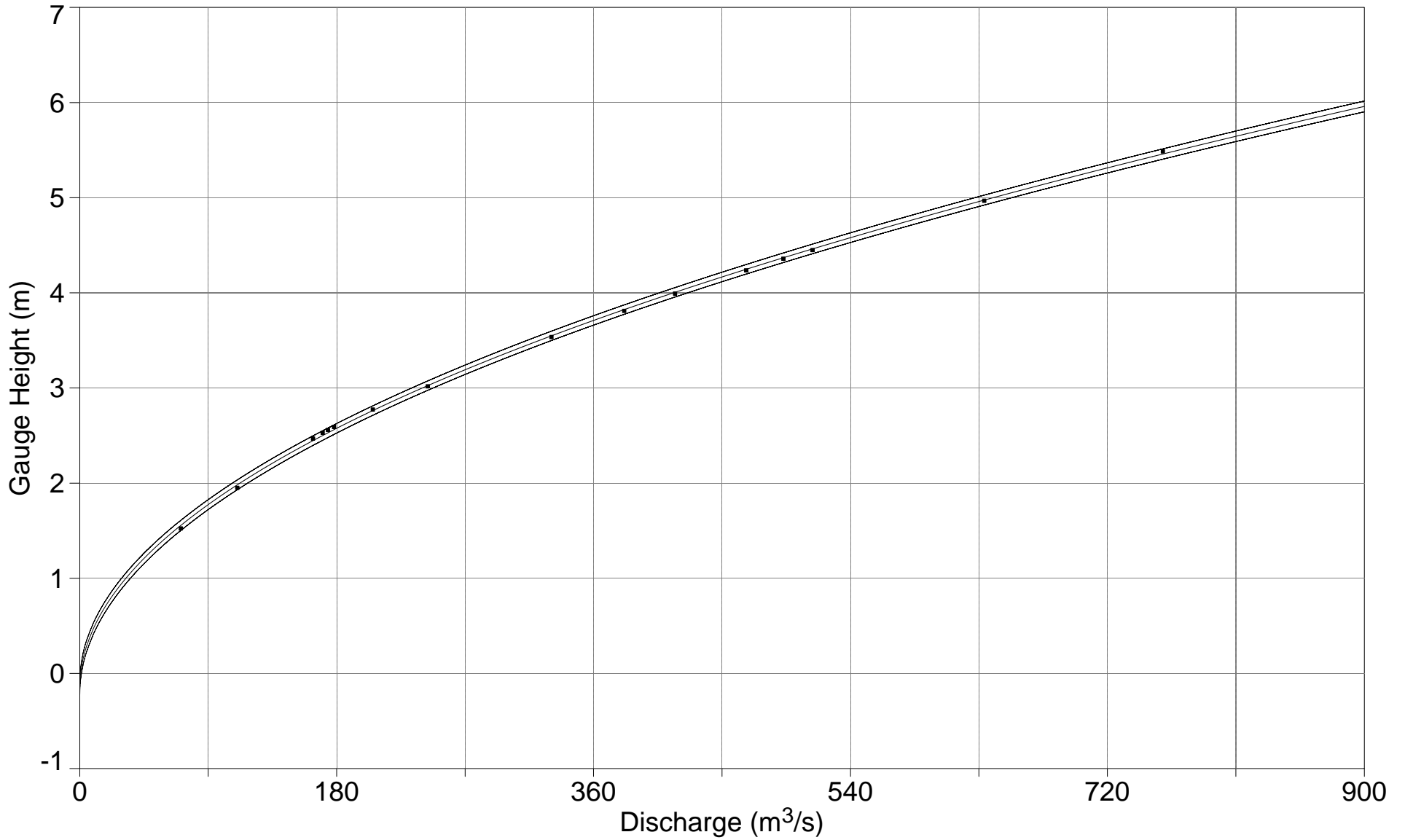
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #9

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.9996378$ DF Adj $r^2=0.99958208$ FitStdErr=0.022293372 Fstat=38638.824

$a=-0.16035143$

$b=0.20399098$



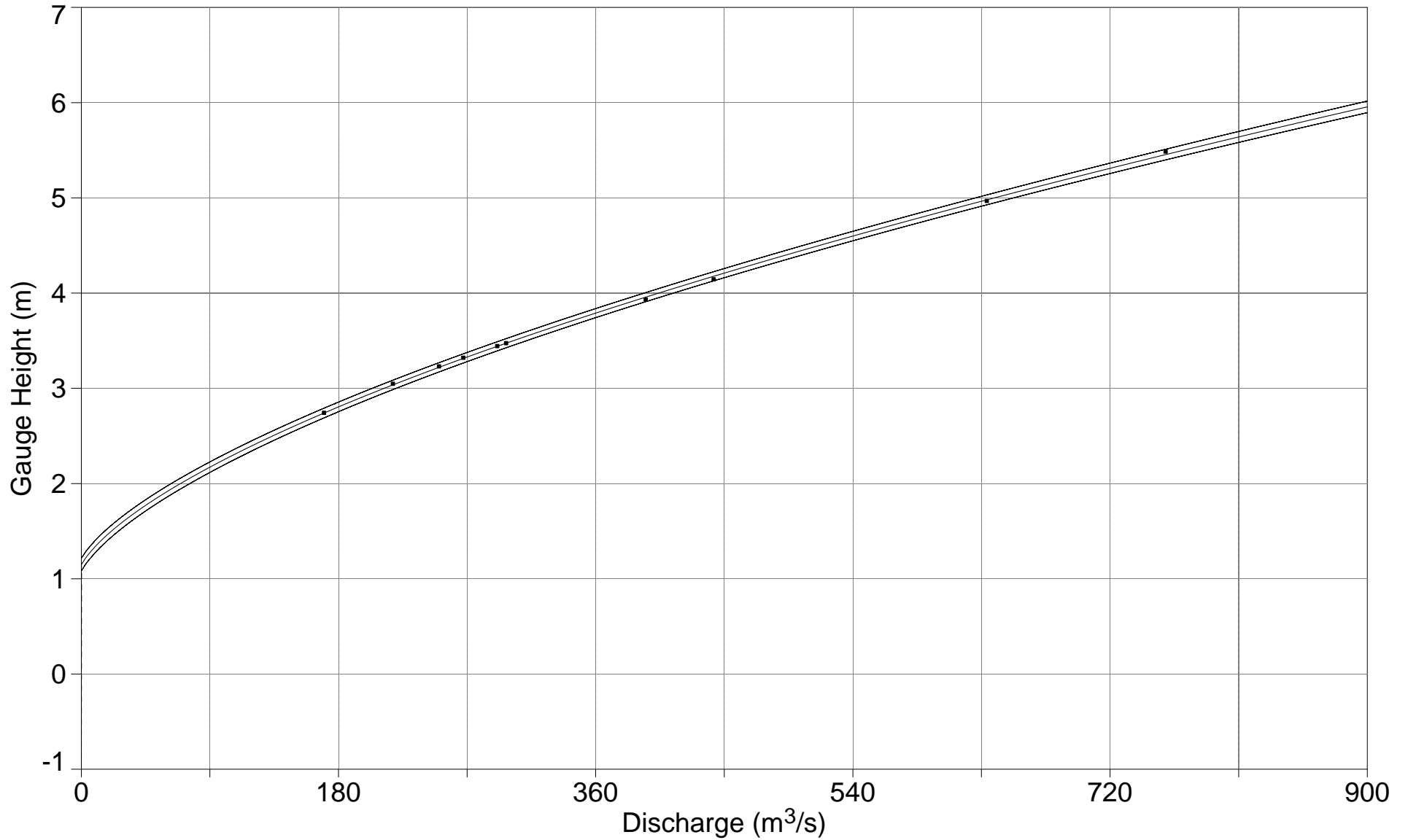
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #10

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99954322$ DF Adj $r^2=0.99941271$ FitStdErr=0.019713652 Fstat=17505.877

$a=1.172047$

$b=0.023440841$



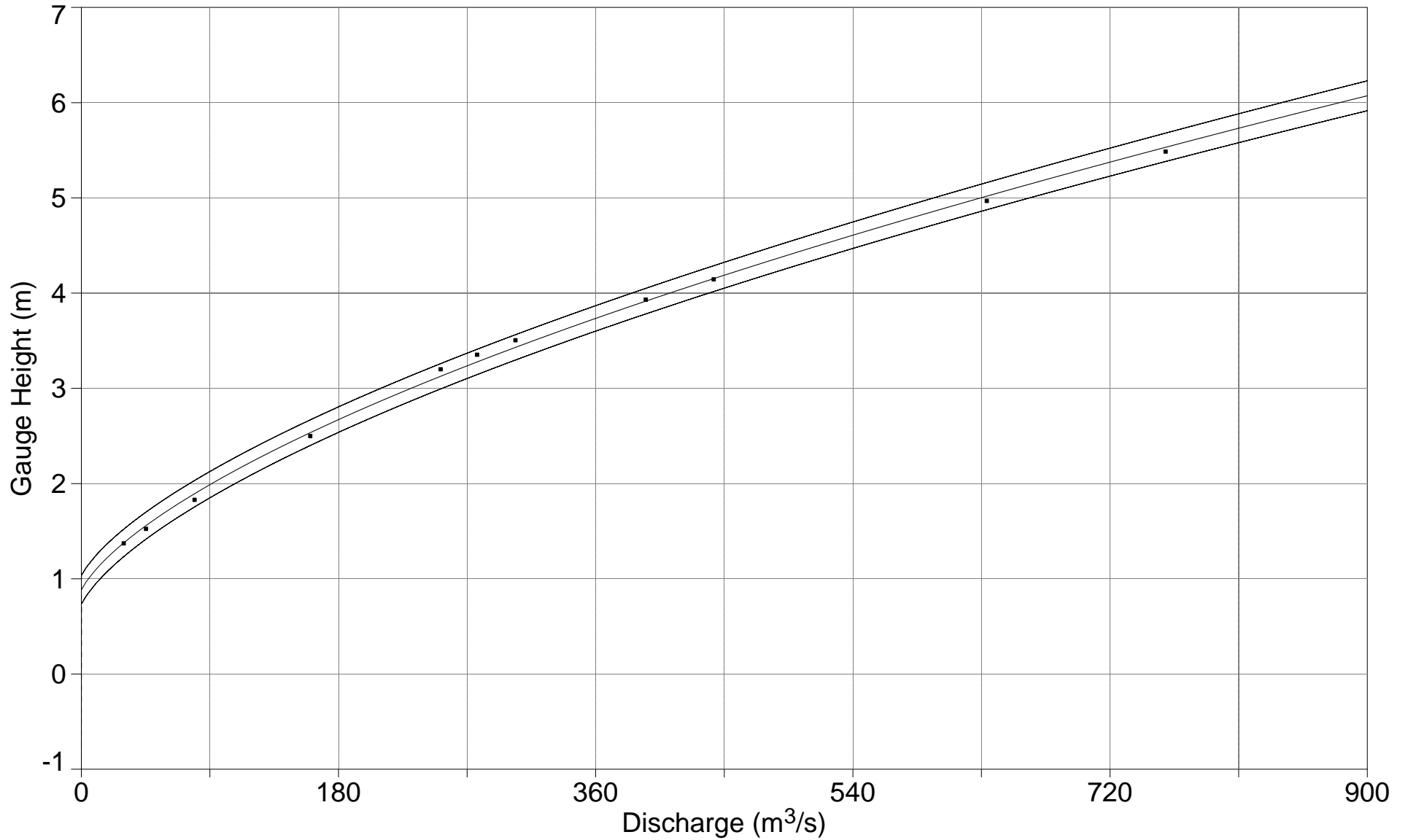
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #11

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99845164$ DF Adj $r^2=0.99806455$ FitStdErr=0.056239112 Fstat=5803.6106

$a=0.90868014$

$b=0.025301927$



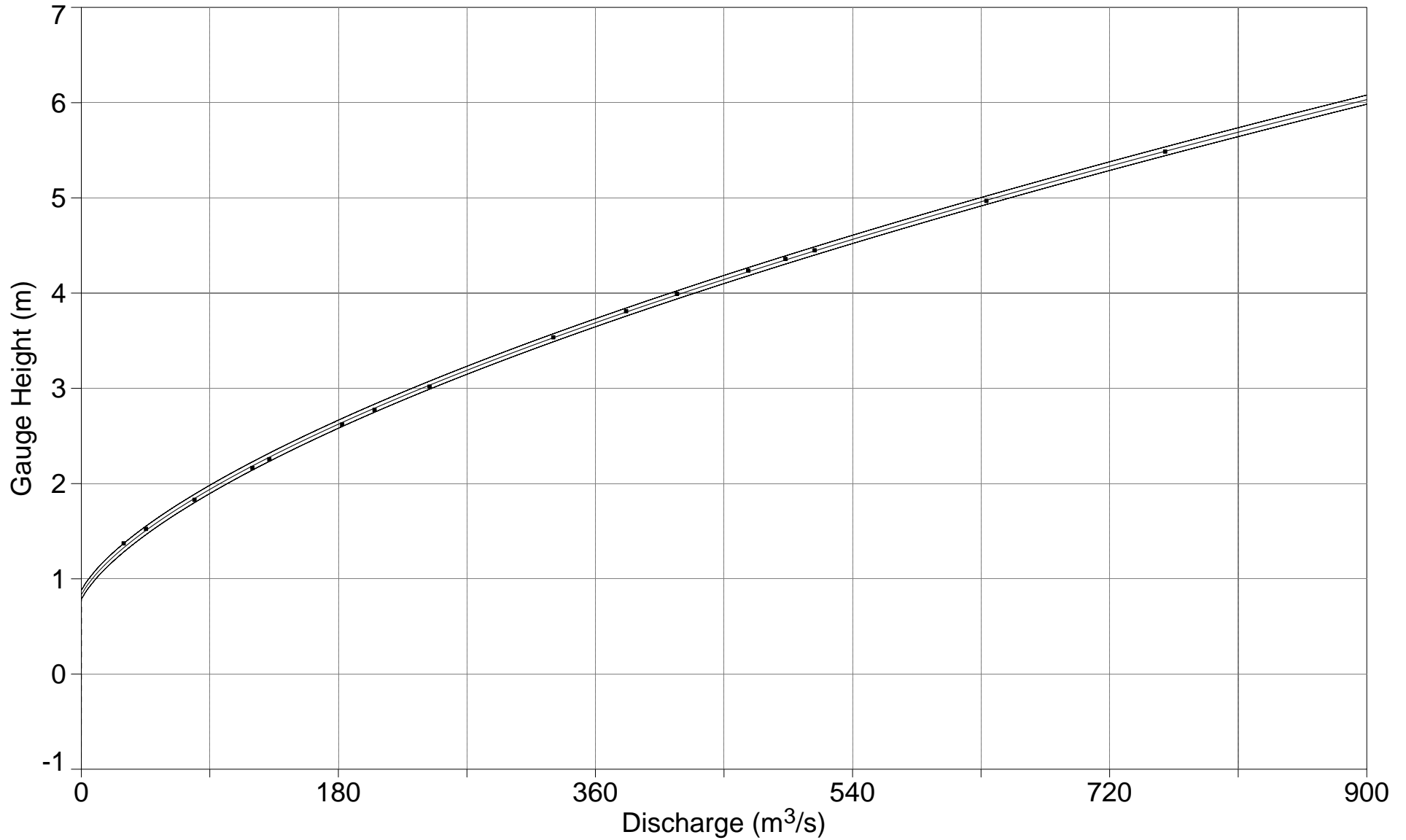
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #12

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99978678$ DF Adj $r^2=0.99975398$ FitStdErr=0.019079294 Fstat=65646.057

$a=0.85691294$

$b=0.025355982$



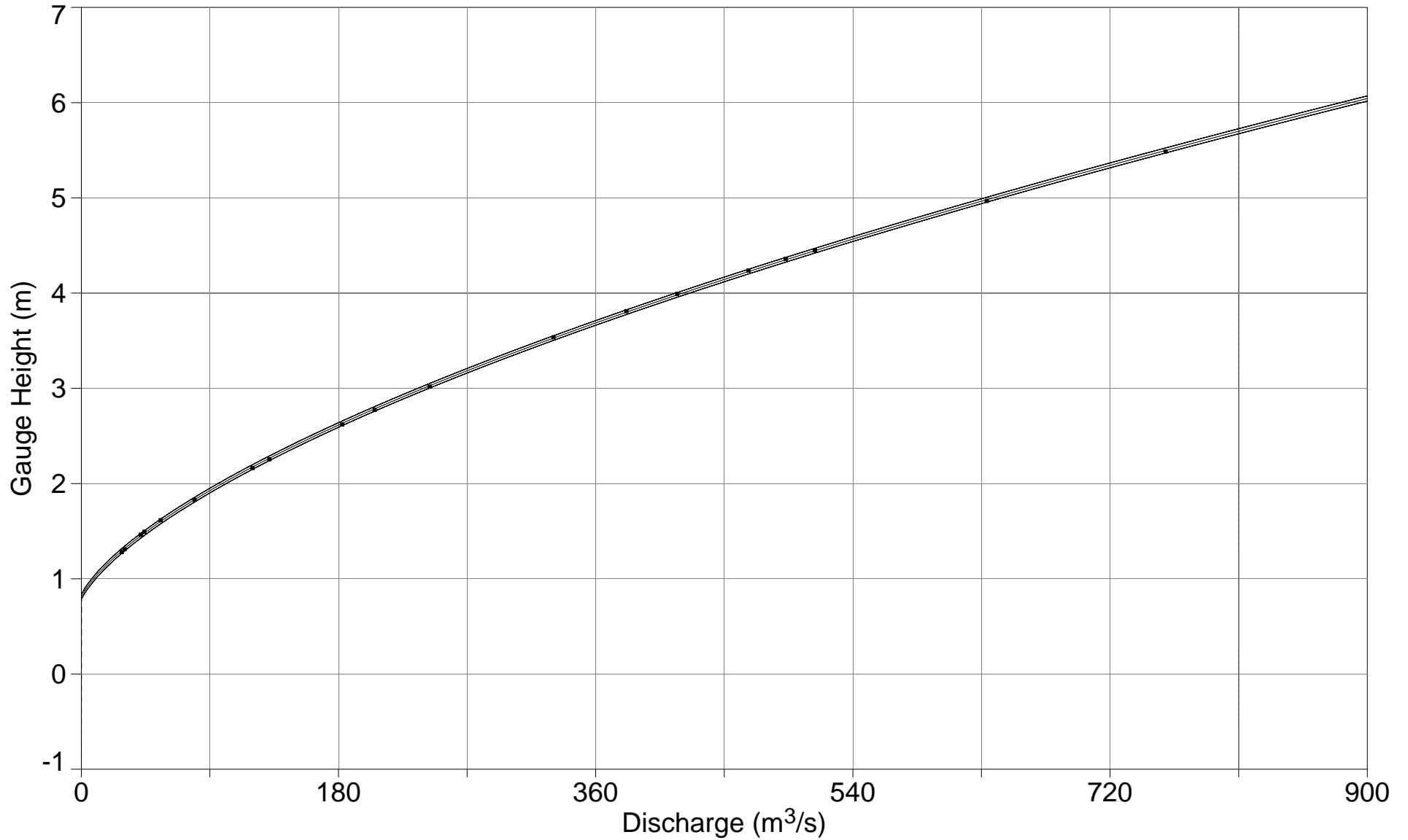
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #13

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99993539$ DF Adj $r^2=0.99992731$ FitStdErr=0.011137253 Fstat=263084.89

$a=0.83793863$

$b=0.025507695$



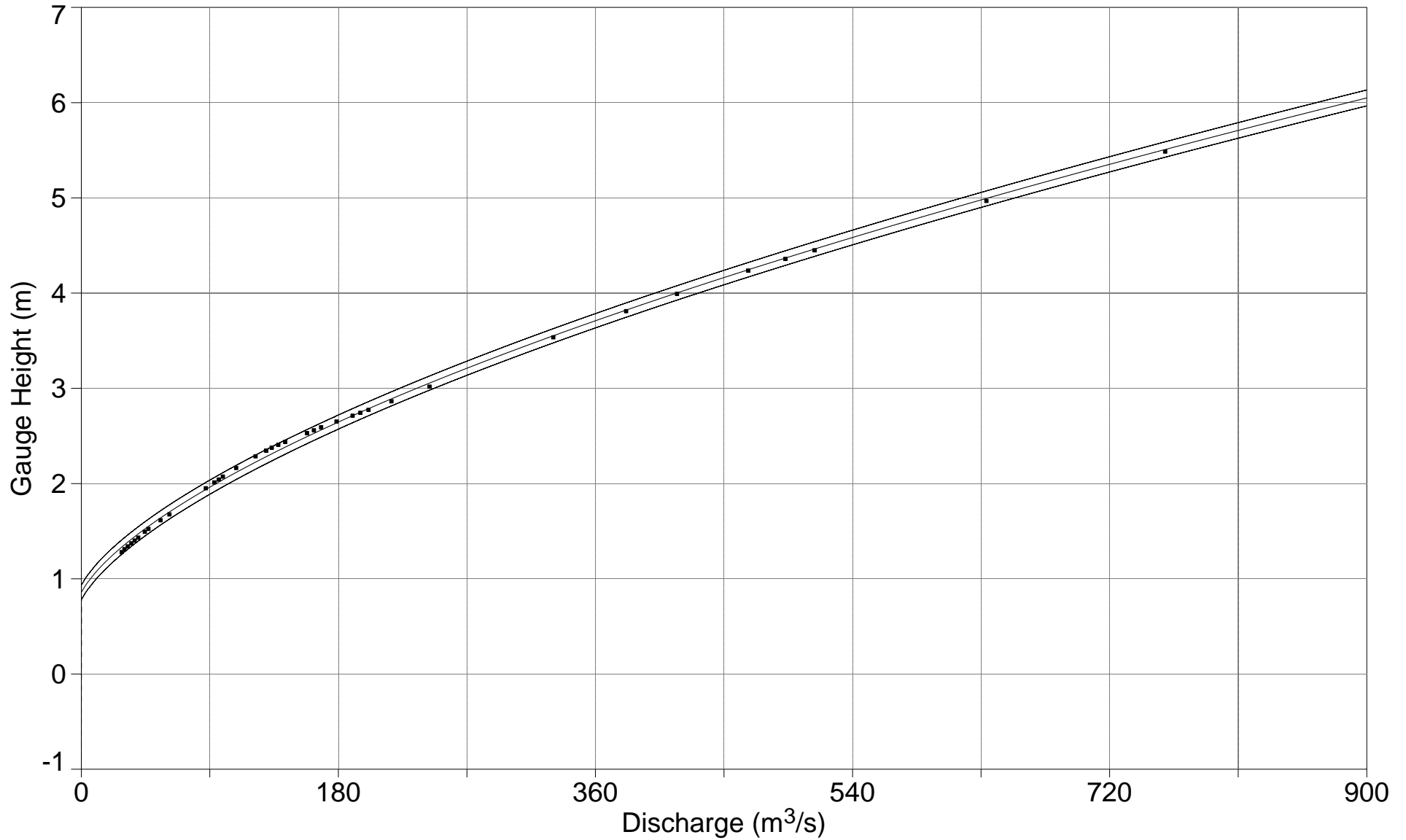
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #14

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99894525$ DF Adj $r^2=0.99888321$ FitStdErr=0.03601782 Fstat=33148.291

$a=0.88143649$

$b=0.025324138$



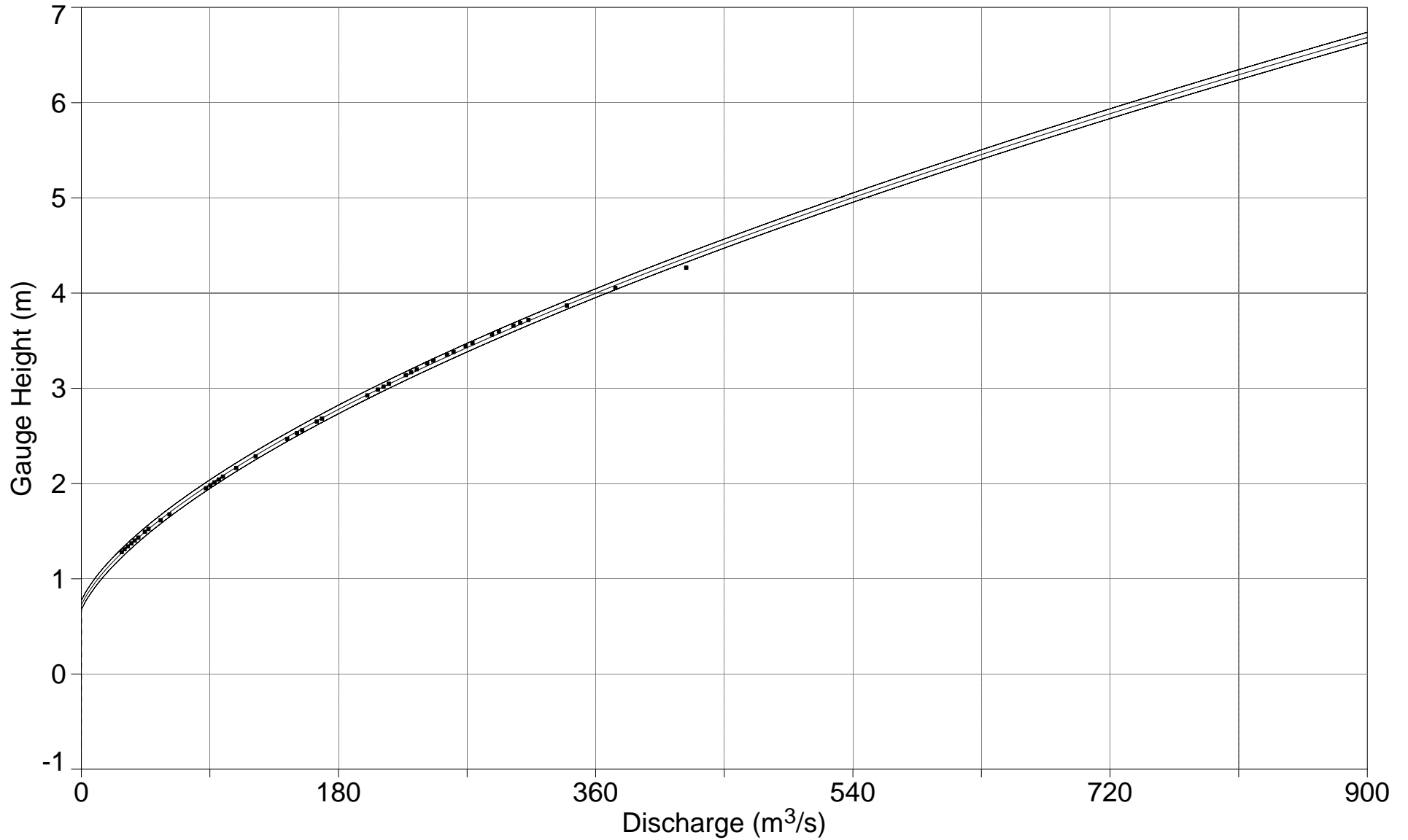
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #15

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99938886$ DF Adj $r^2=0.9993583$ FitStdErr=0.022051485 Fstat=67046.663

$a=0.75397809$

$b=0.029059125$



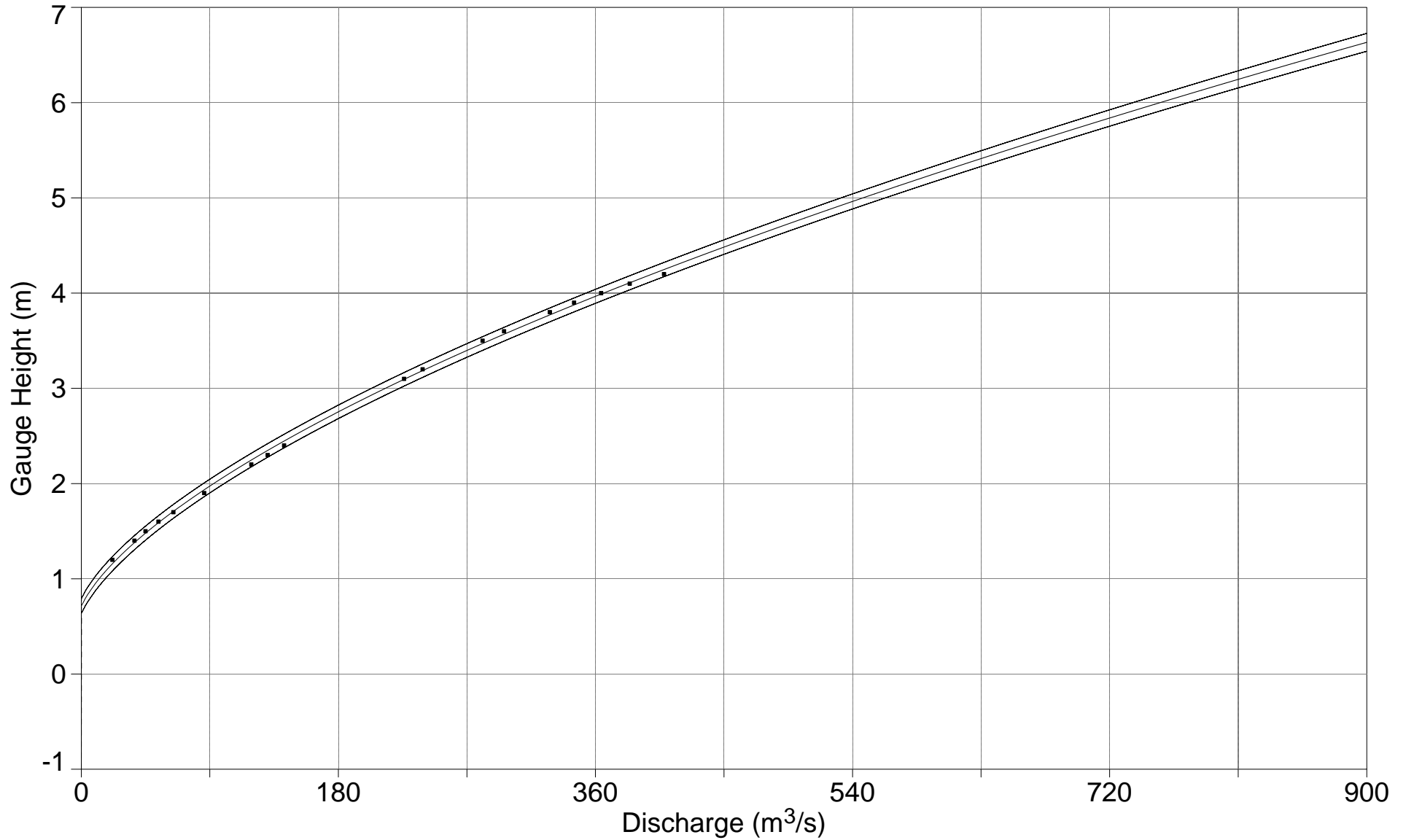
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #16

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99911073$ DF Adj $r^2=0.99899217$ FitStdErr=0.032568334 Fstat=17976.373

$a=0.74181649$

$b=0.028870003$



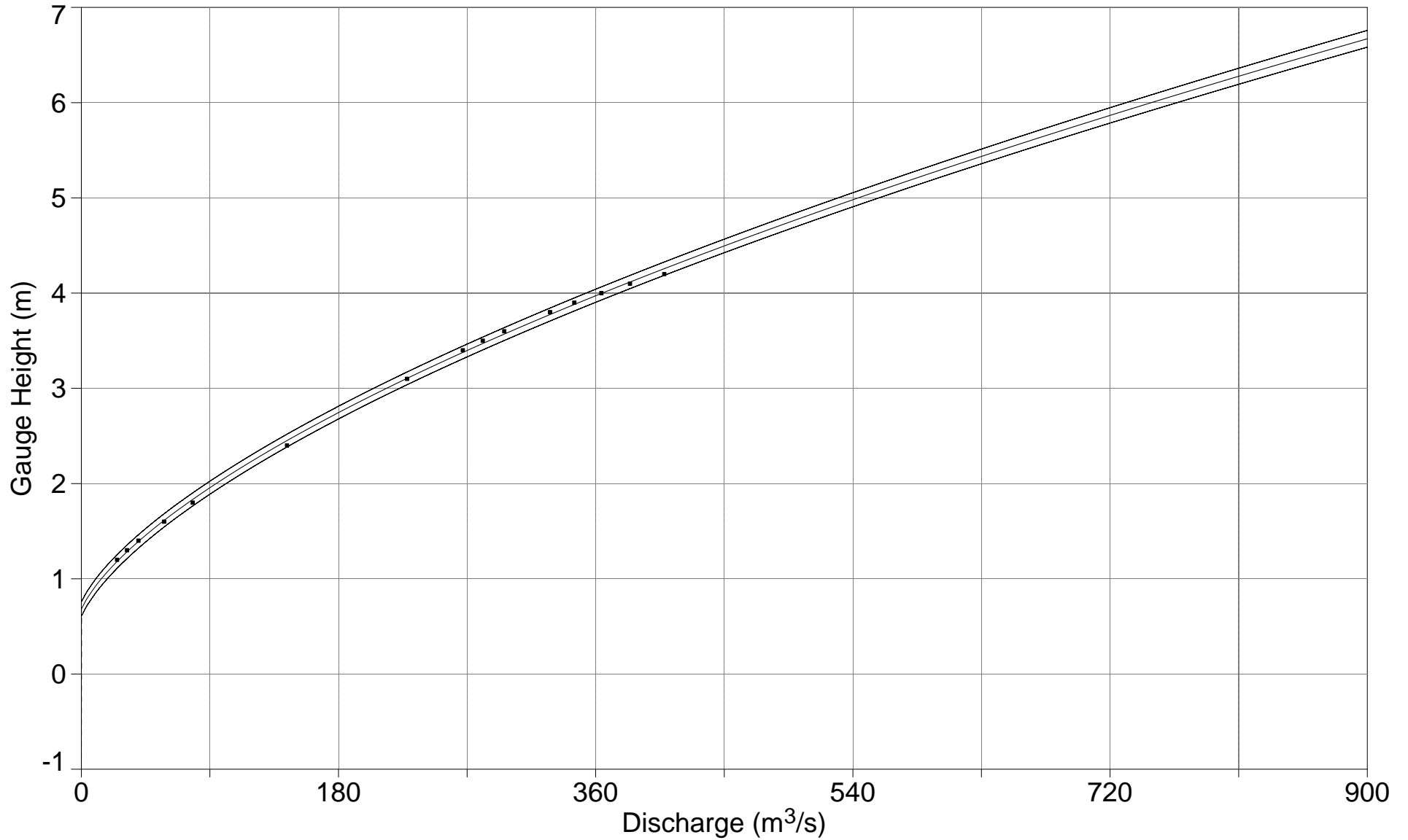
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #17

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.9993575$ DF Adj $r^2=0.99925042$ FitStdErr=0.029939883 Fstat=20220.603

$a=0.71034137$

$b=0.029205664$



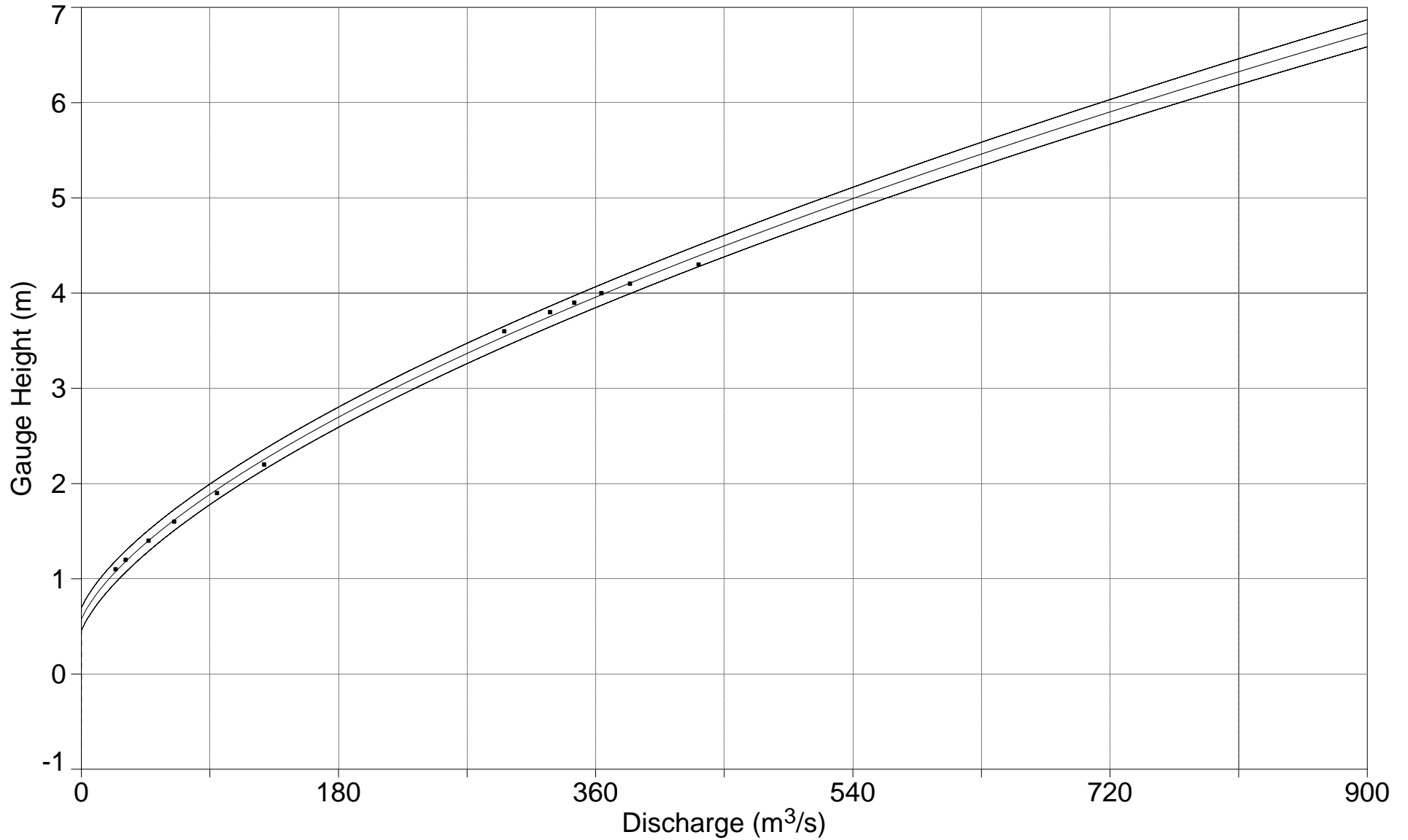
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #18

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99885474$ DF Adj $r^2=0.99860024$ FitStdErr=0.04569147 Fstat=8721.6546

$a=0.60699293$

$b=0.029996953$



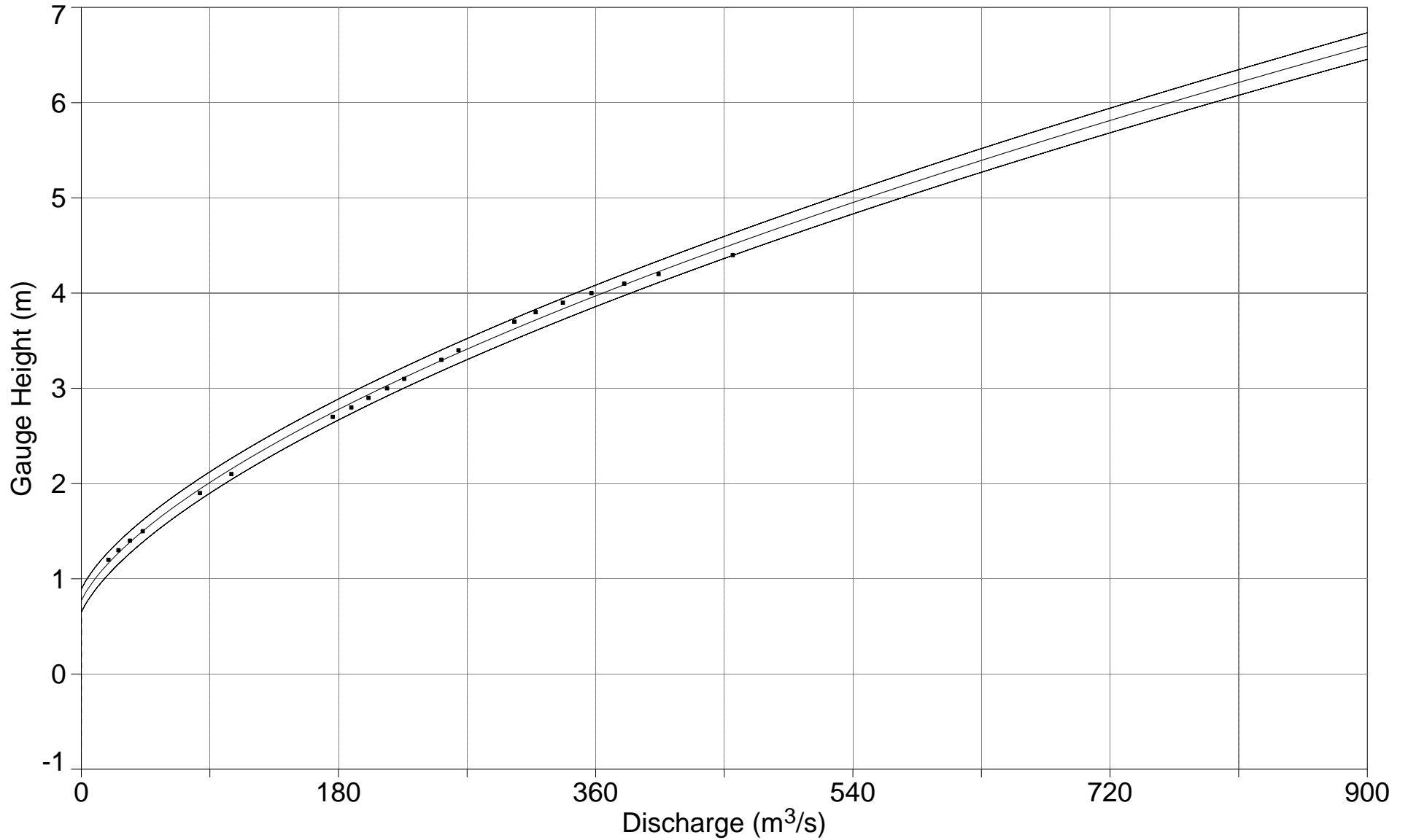
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #19

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99773917$ DF Adj $r^2=0.99747319$ FitStdErr=0.051144118 Fstat=7943.6678

$a=0.79948088$

$b=0.028396022$



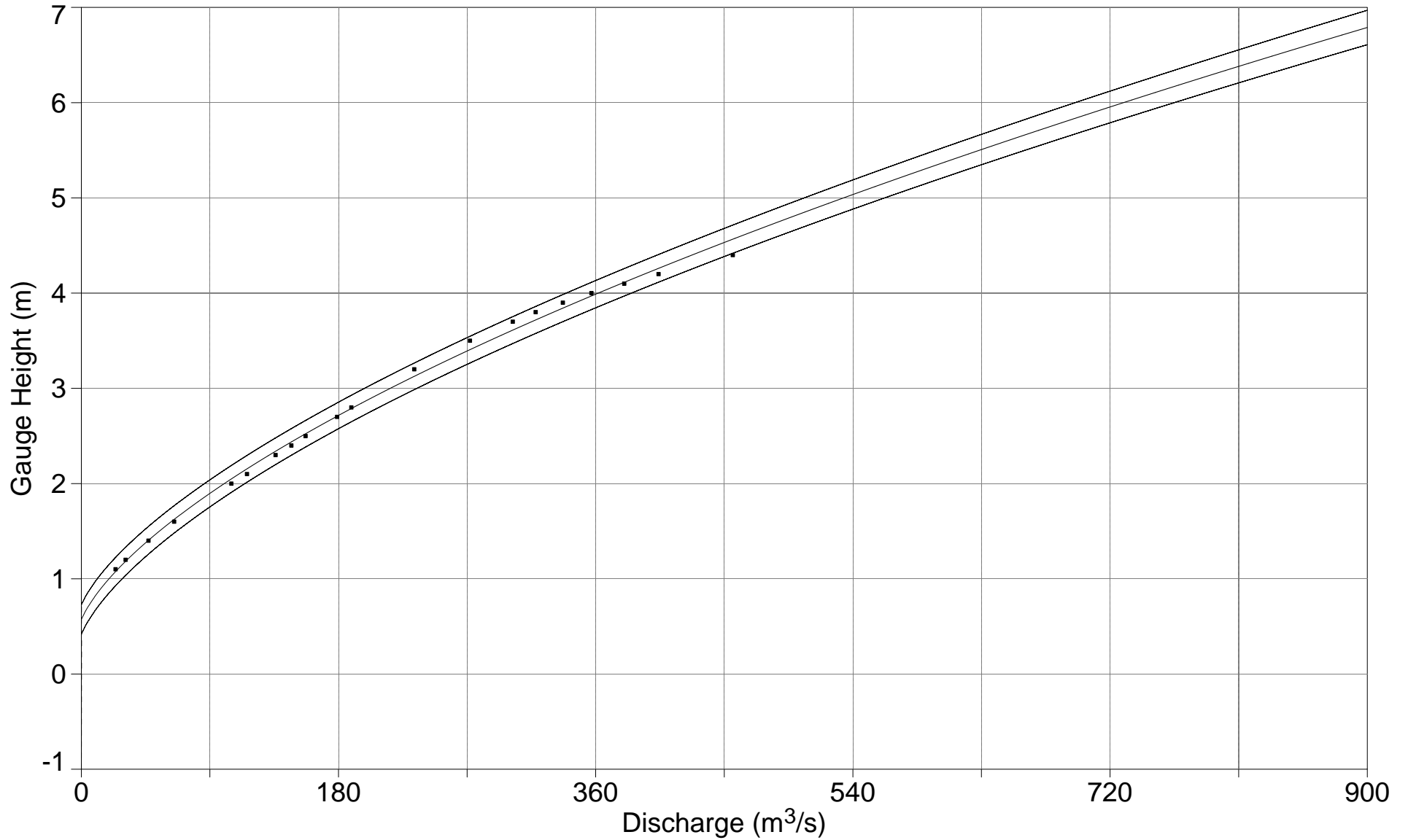
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #20

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99653696$ DF Adj $r^2=0.99612954$ FitStdErr=0.064716787 Fstat=5179.74

$a=0.60358531$

$b=0.03031085$



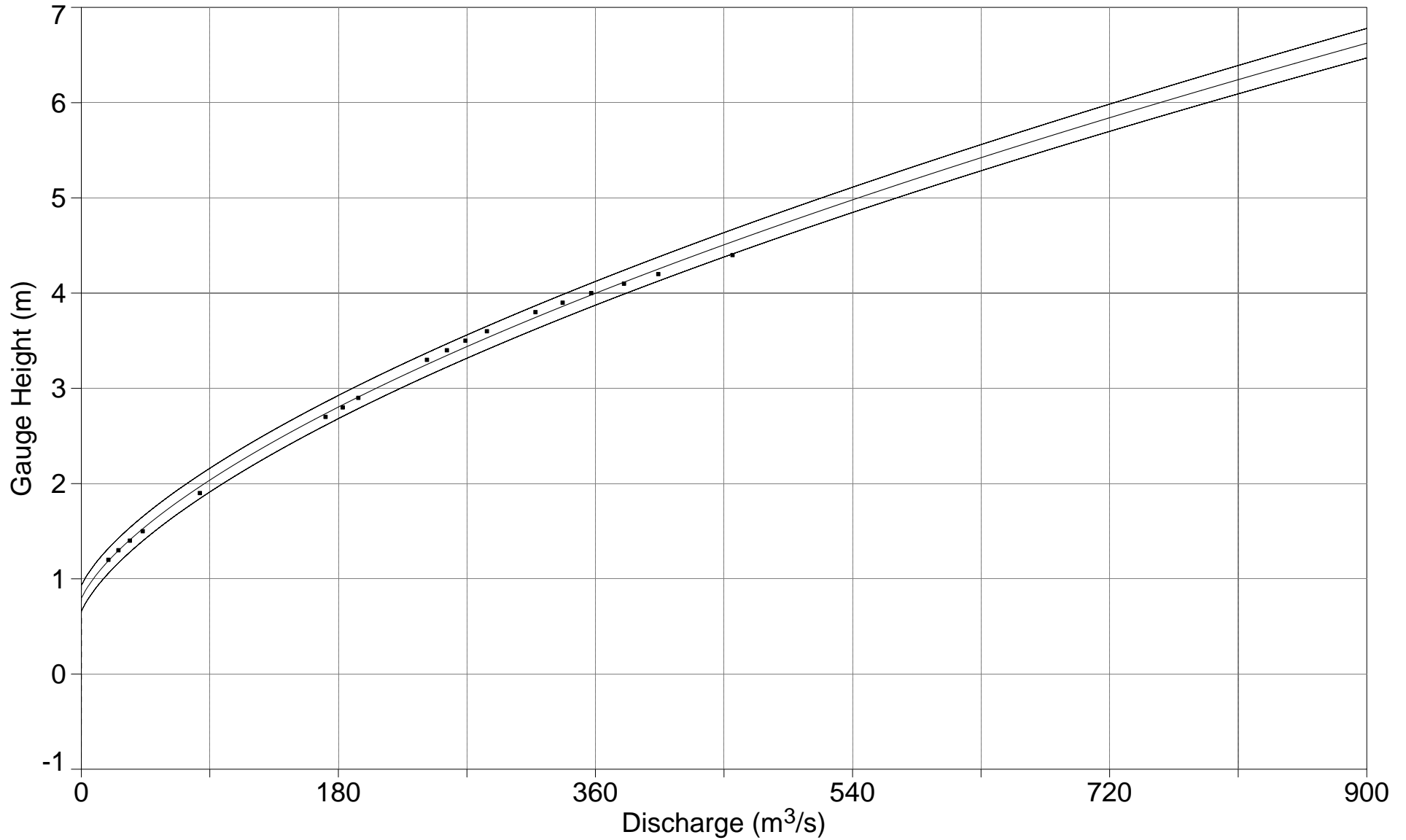
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #21

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99752494$ DF Adj $r^2=0.99719493$ FitStdErr=0.055912681 Fstat=6448.4821

$a=0.82320463$

$b=0.028425665$



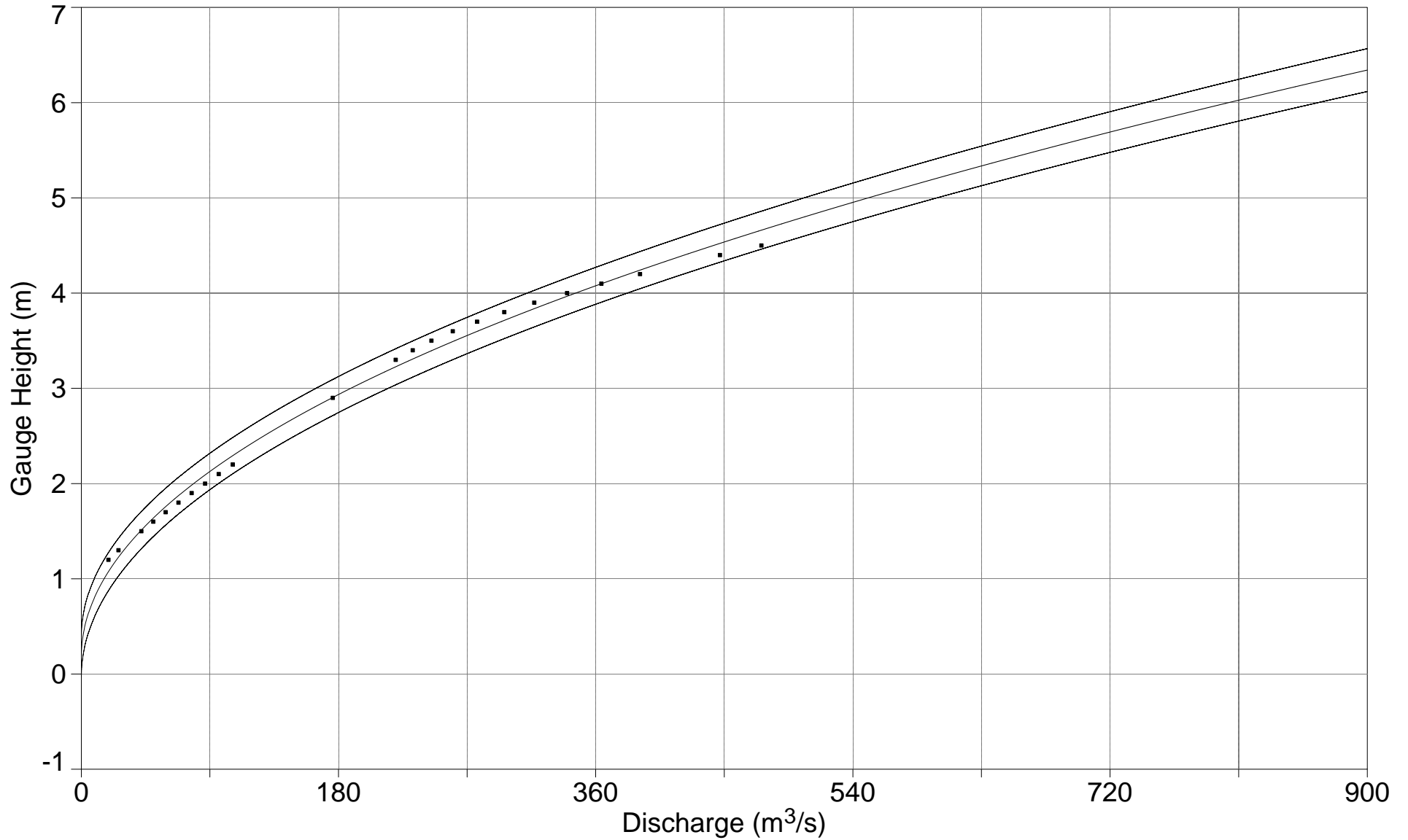
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #22

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.9939519$ DF Adj $r^2=0.99334709$ FitStdErr=0.089075296 Fstat=3451.1638

$a=0.17862189$

$b=0.20544811$



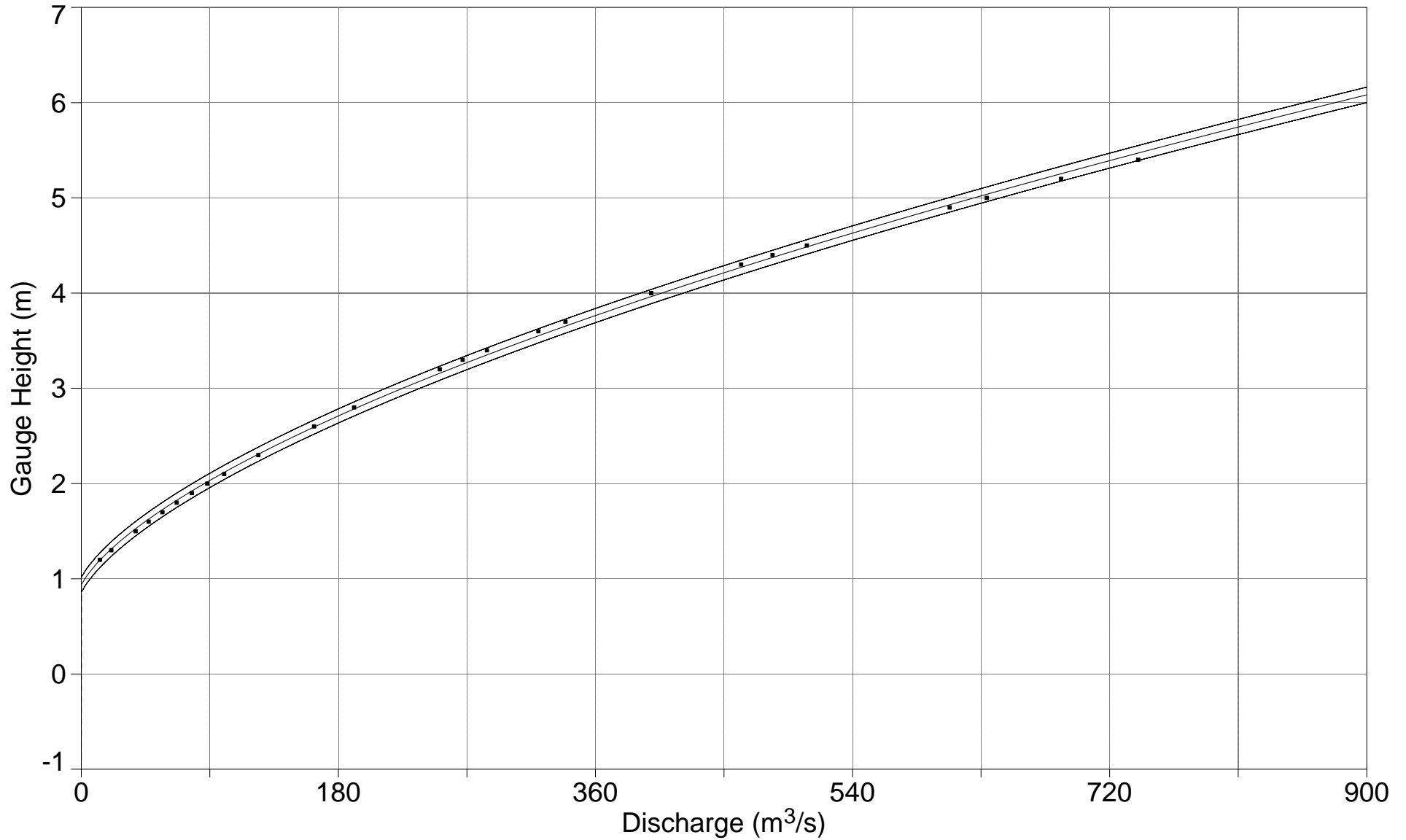
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #23

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99934086$ DF Adj $r^2=0.99928094$ FitStdErr=0.035160711 Fstat=34870.838

$a=0.96233381$

$b=0.0250862$



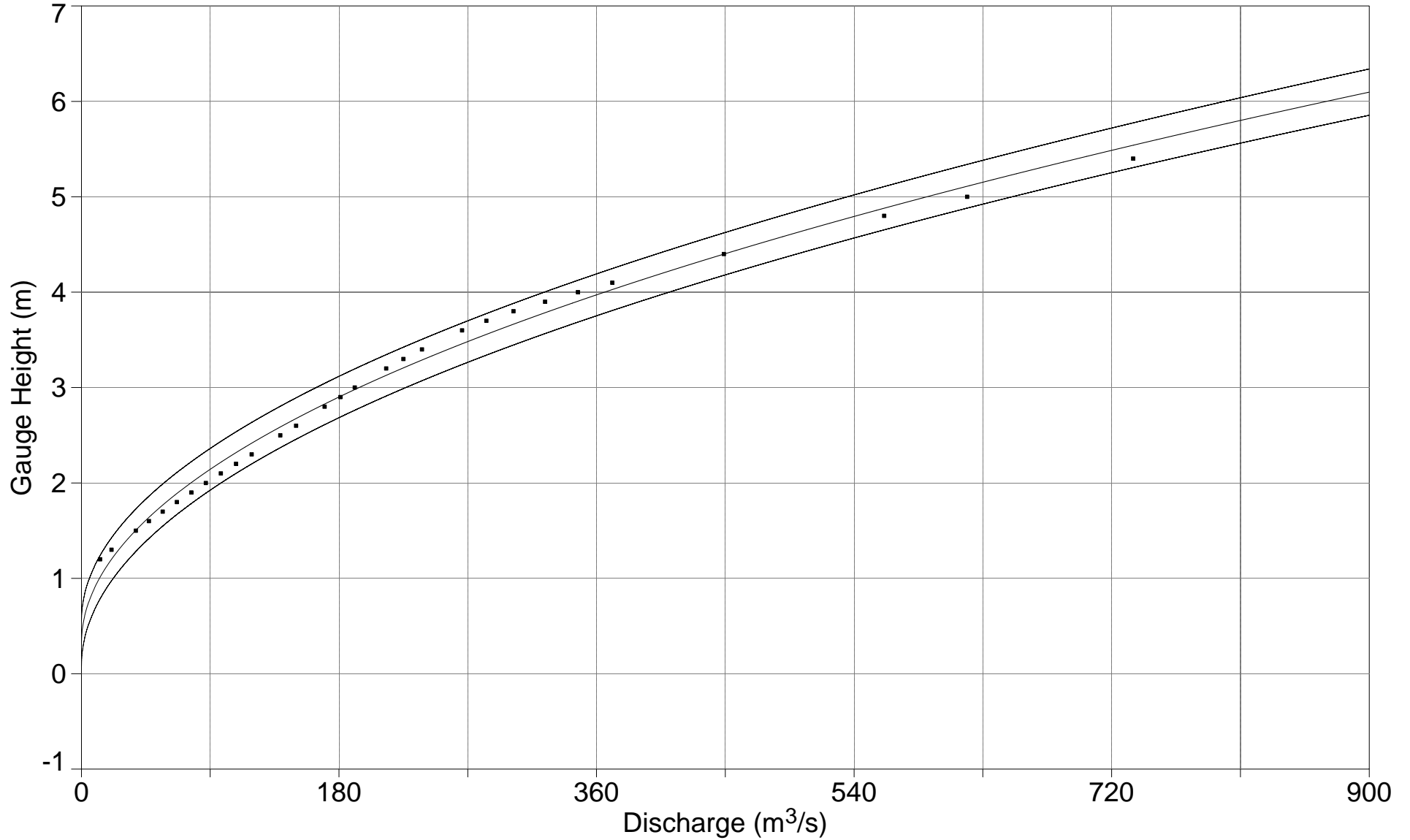
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #24

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99229518$ DF Adj $r^2=0.9917025$ FitStdErr=0.10386685 Fstat=3477.2996

$a=0.31512946$

$b=0.19271971$



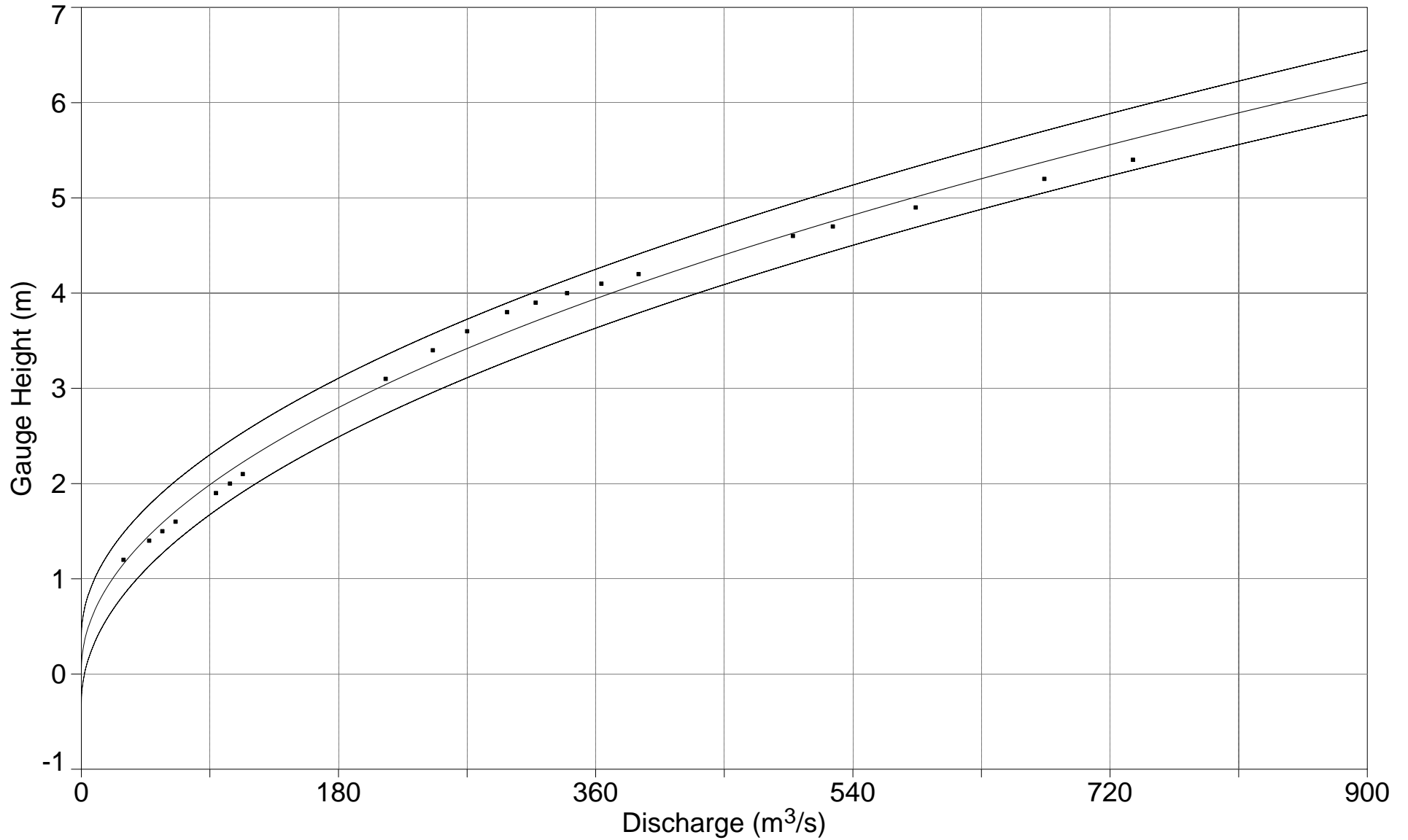
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #25

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.98985665$ DF Adj $r^2=0.98866331$ FitStdErr=0.14271203 Fstat=1756.5613

$a=0.036866276$

$b=0.20576242$



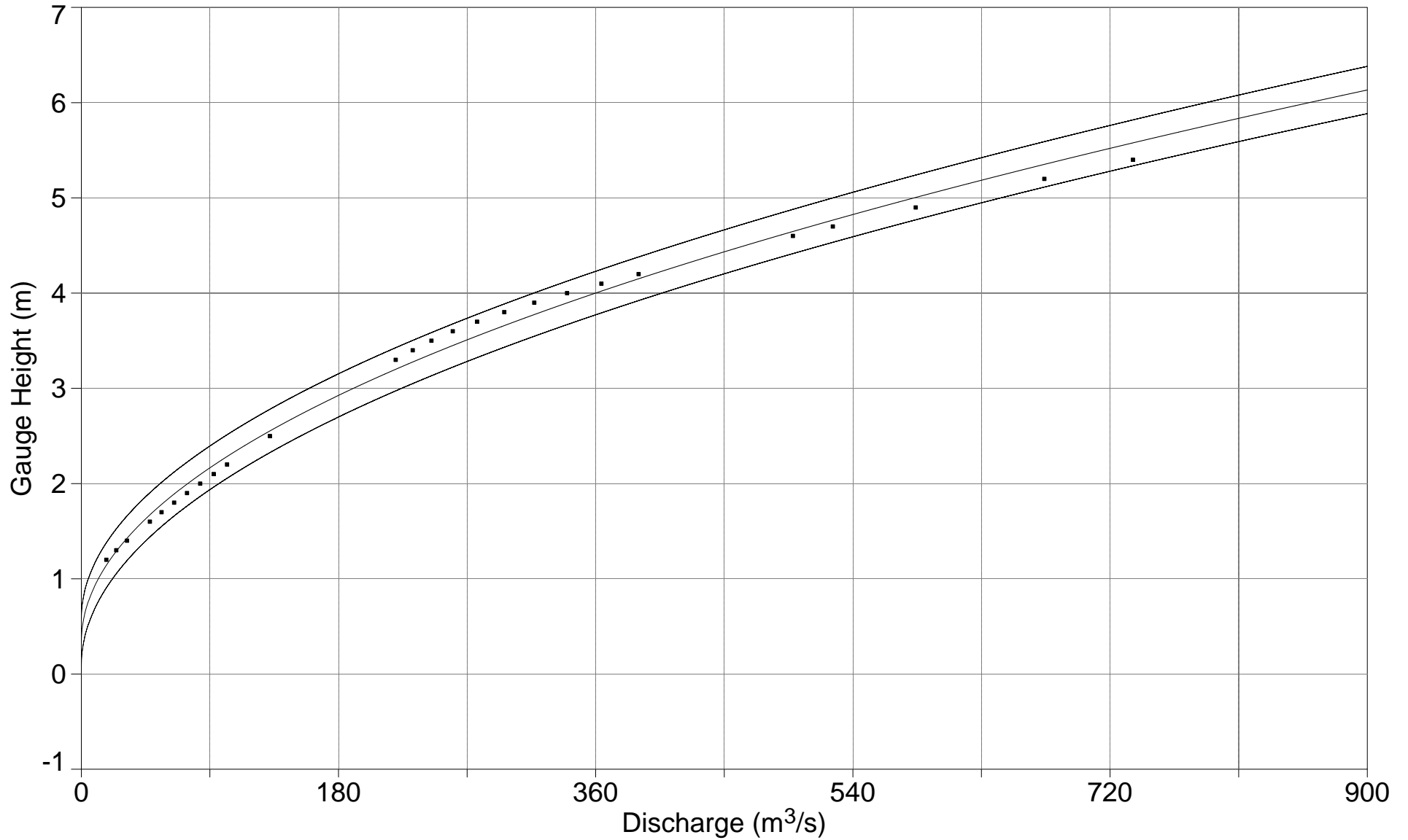
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #26

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99354666$ DF Adj $r^2=0.9929855$ FitStdErr=0.10775839 Fstat=3695.0058

$a=0.33130817$

$b=0.19338327$



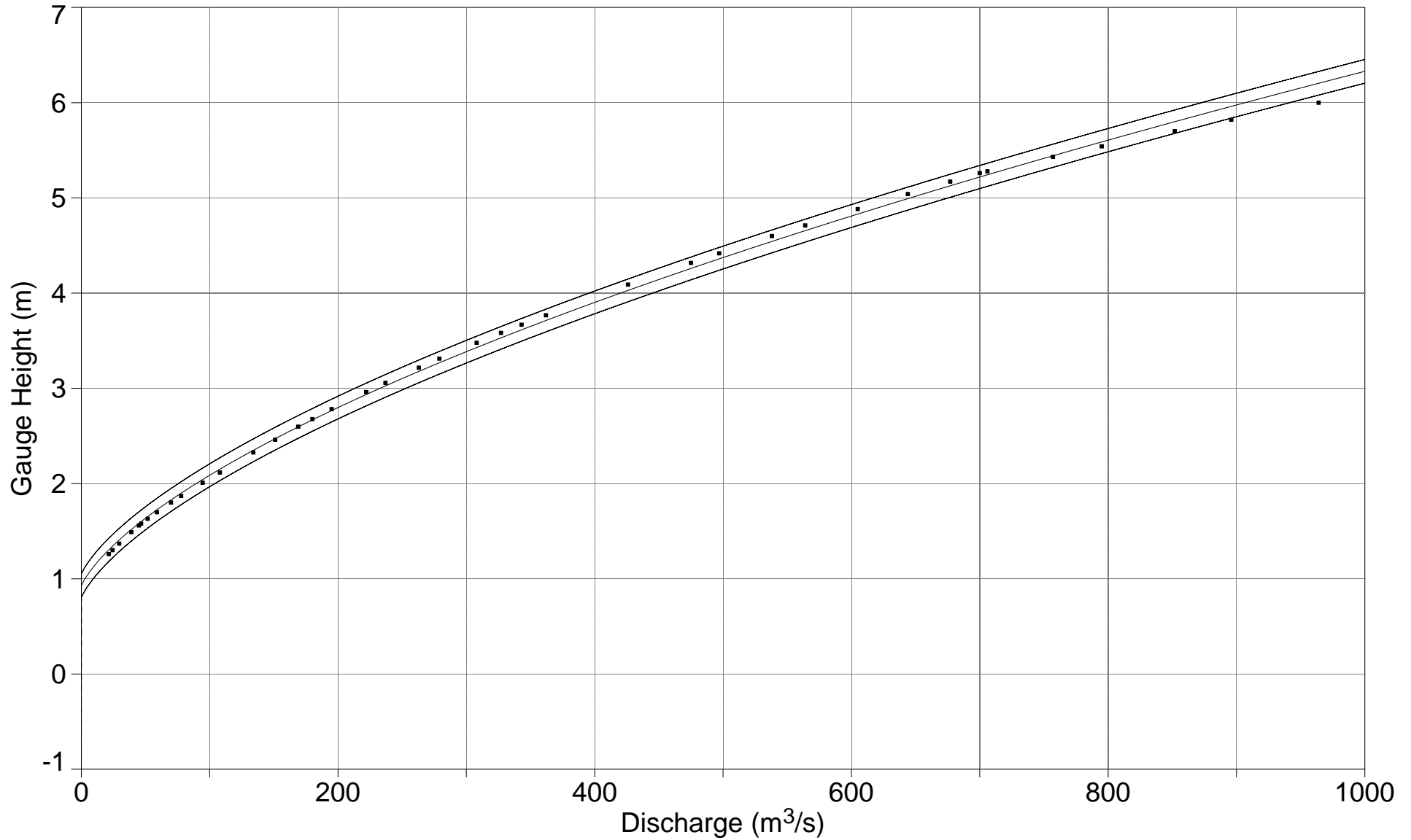
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #27

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99856207$ DF Adj $r^2=0.99848435$ FitStdErr=0.058124443 Fstat=26388.946

$a=0.95456526$

$b=0.024602392$



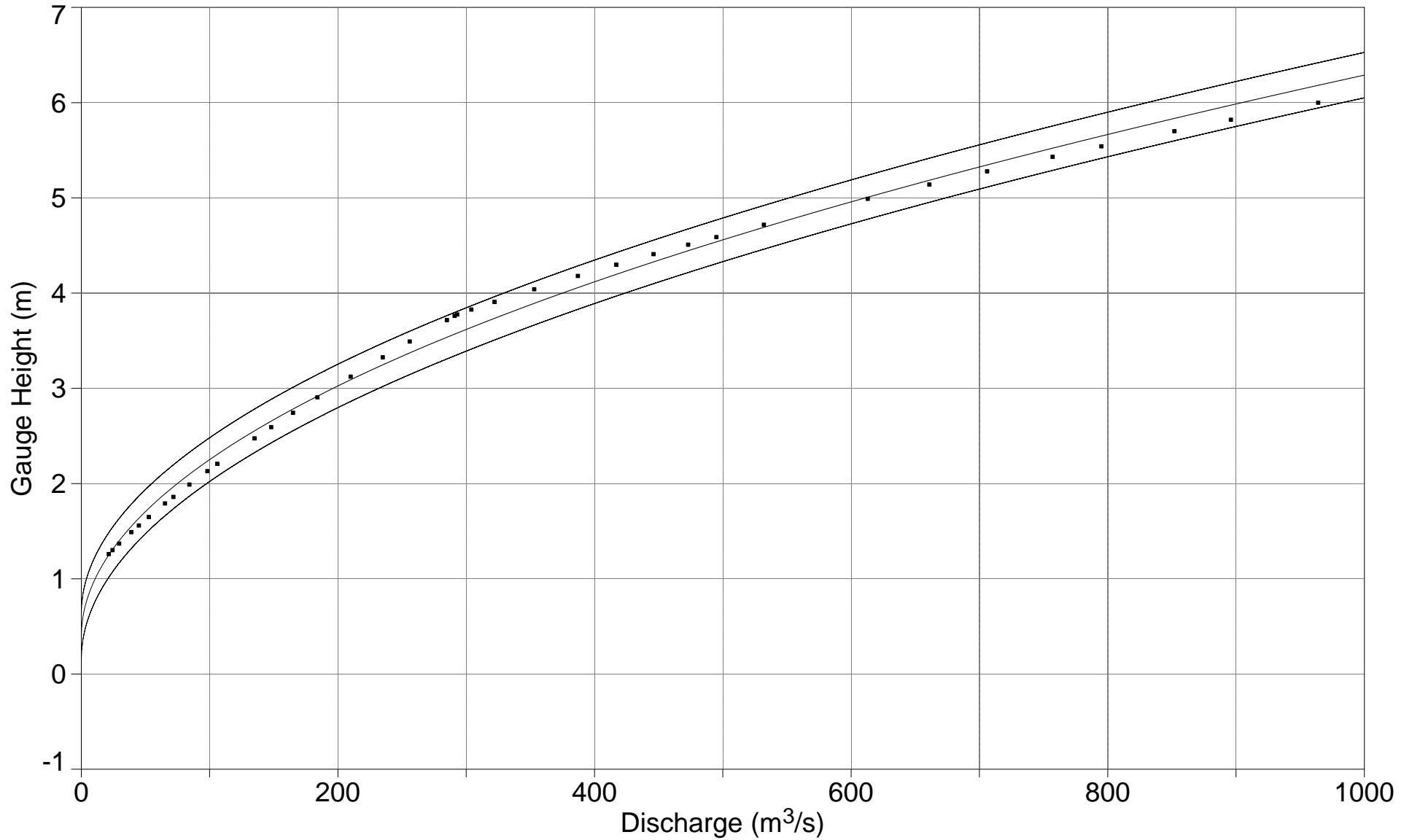
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #28

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99439923$ DF Adj $r^2=0.99407919$ FitStdErr=0.11075852 Fstat=6391.6884

$a=0.38449285$

$b=0.18671649$



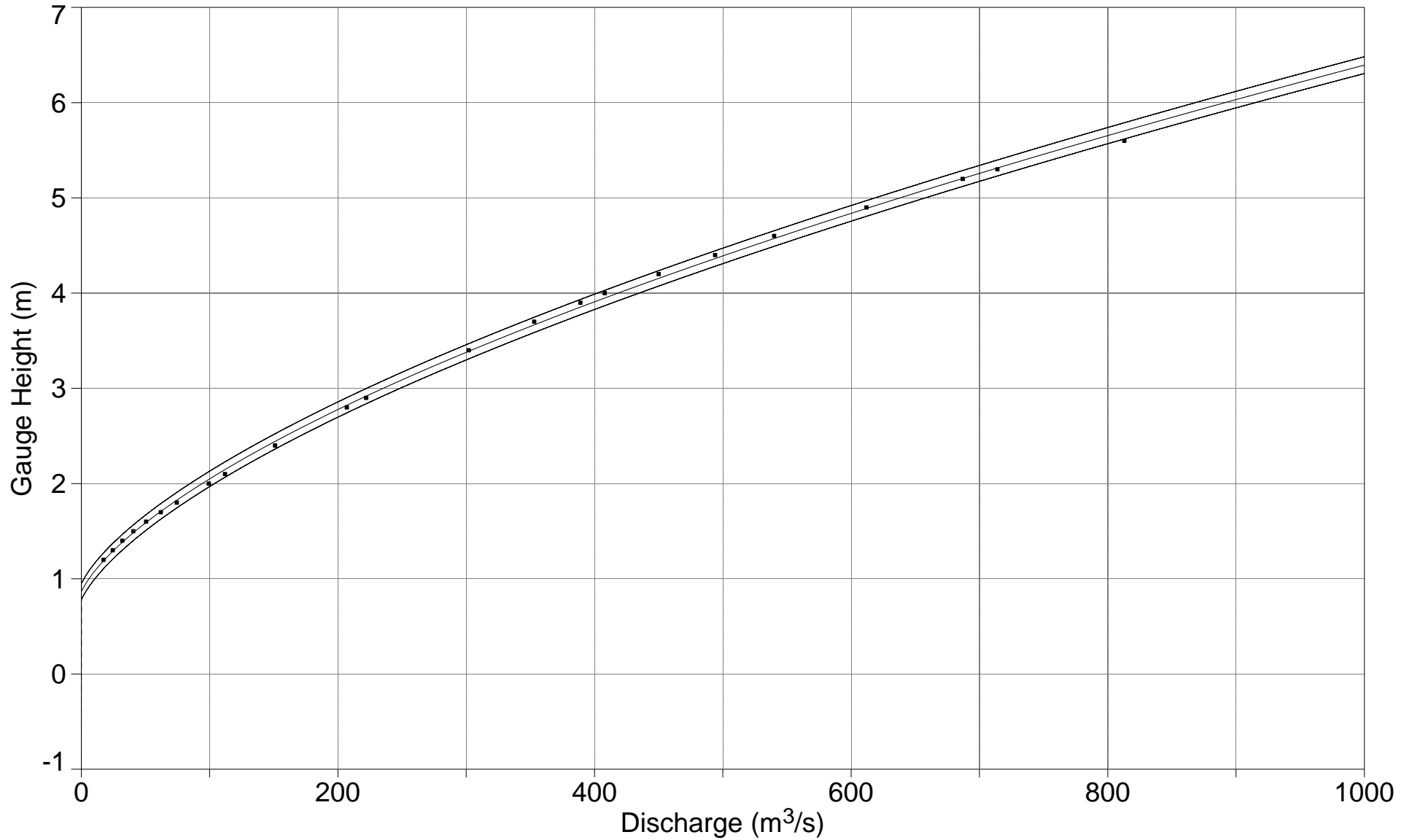
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #29

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.9993639$ DF Adj $r^2=0.99930029$ FitStdErr=0.037652582 Fstat=32992.888

$a=0.8887959$

$b=0.025202028$



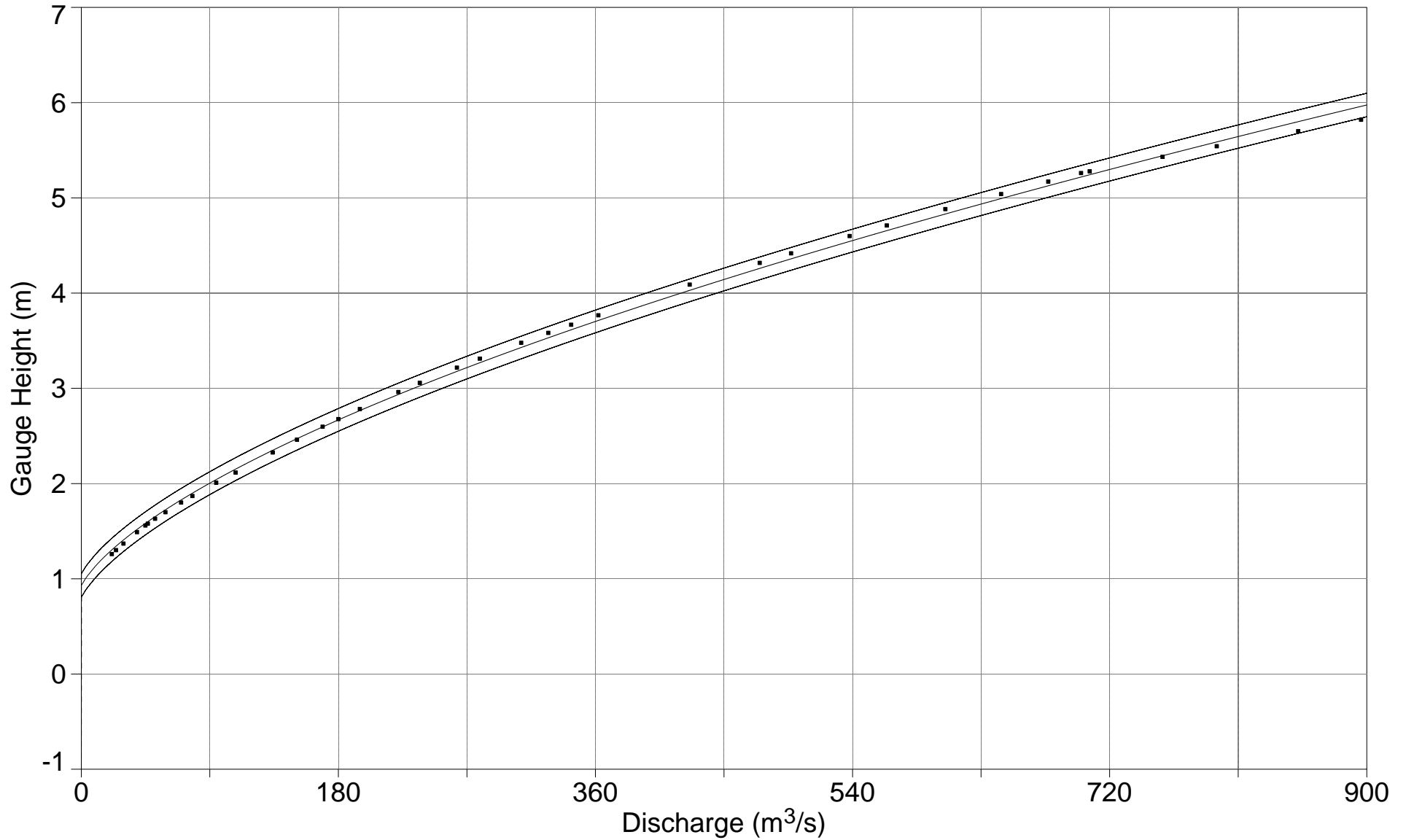
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #30

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99856424$ DF Adj $r^2=0.99848663$ FitStdErr=0.058083414 Fstat=26428.838

$a=0.95449525$

$b=0.024603601$



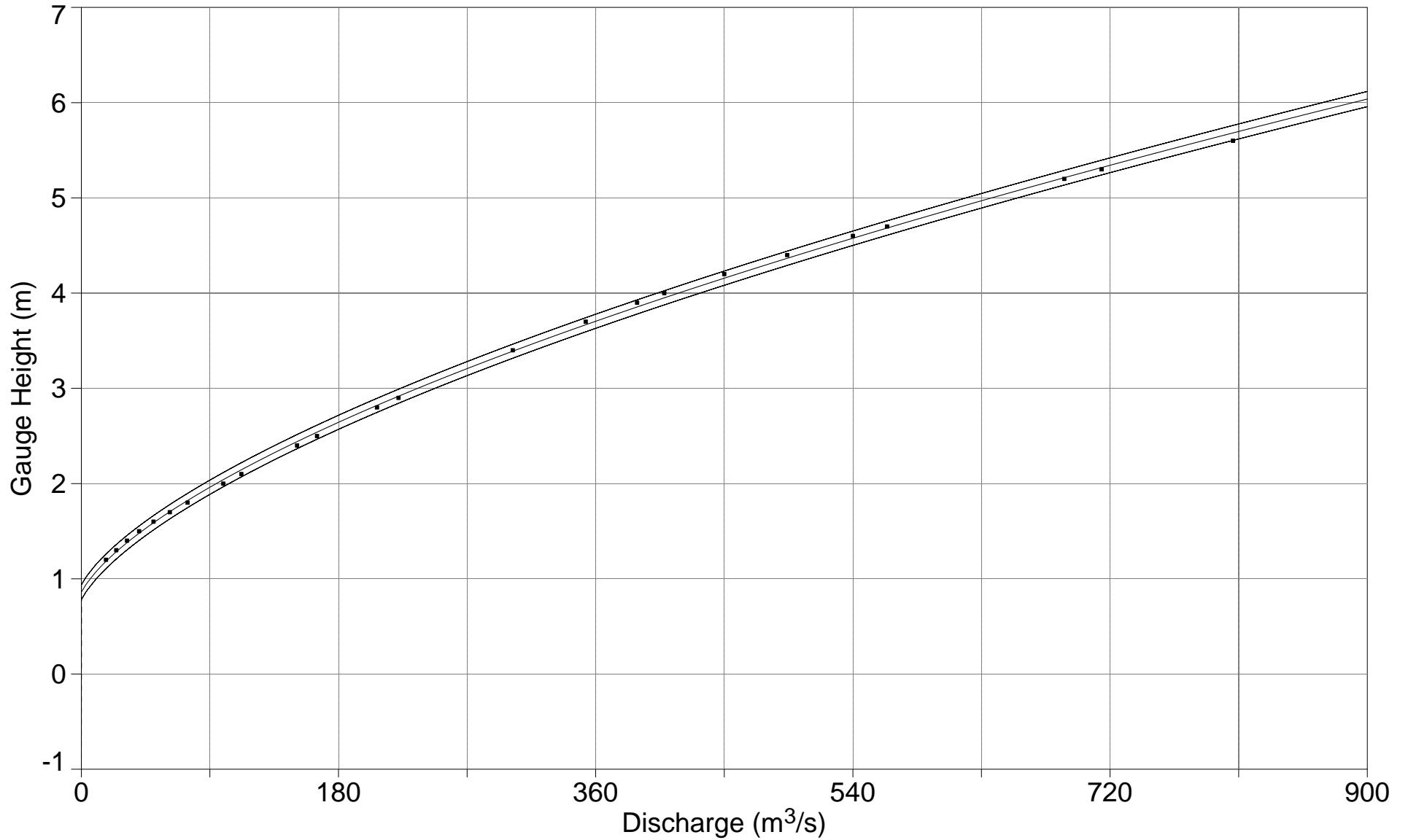
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #31

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99942487$ DF Adj $r^2=0.99937009$ FitStdErr=0.034865202 Fstat=38229.899

$a=0.88367967$

$b=0.025255837$



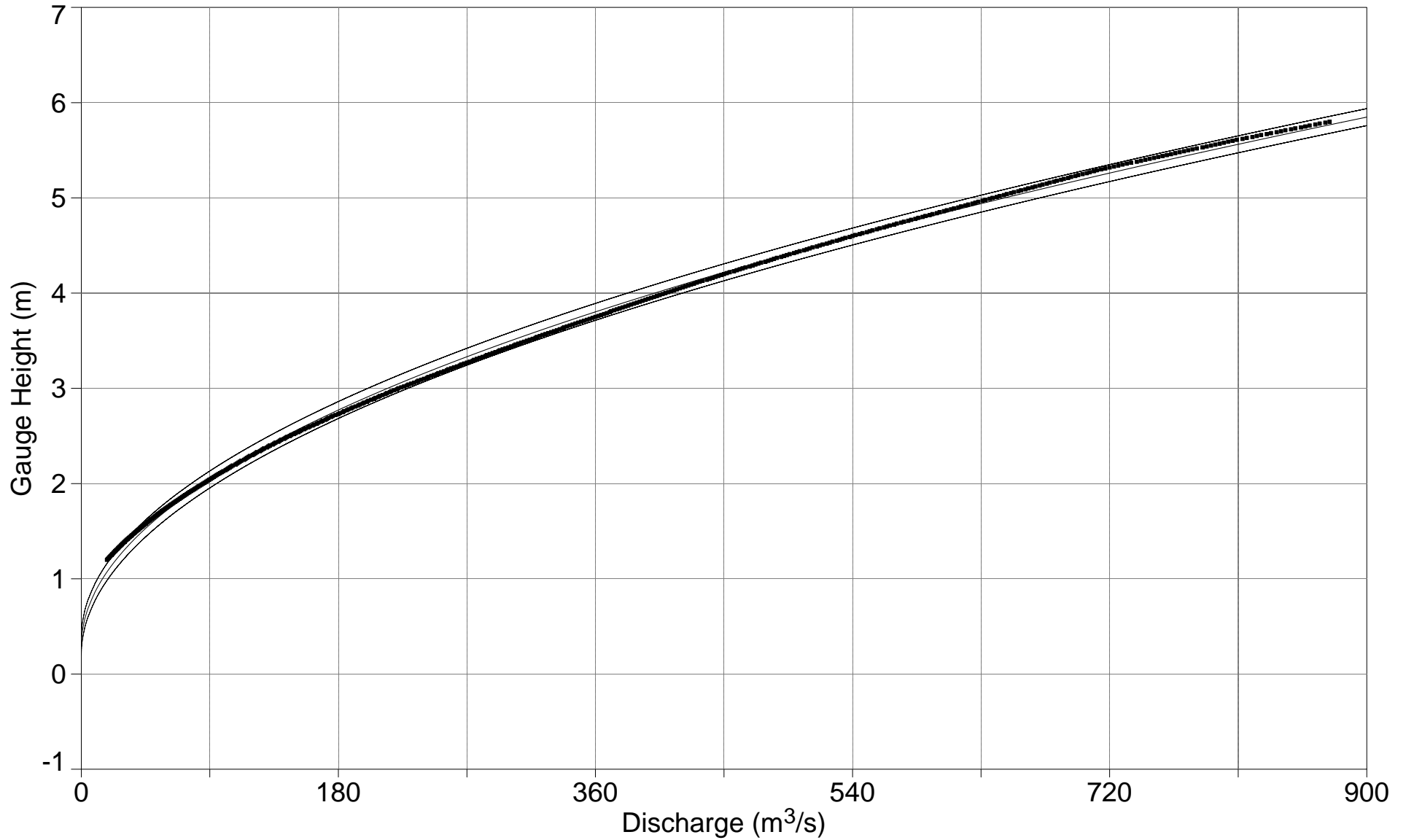
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #32

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99885165$ DF Adj $r^2=0.99884664$ FitStdErr=0.045195015 Fstat=399244.93

$a=0.28419681$

$b=0.18546046$



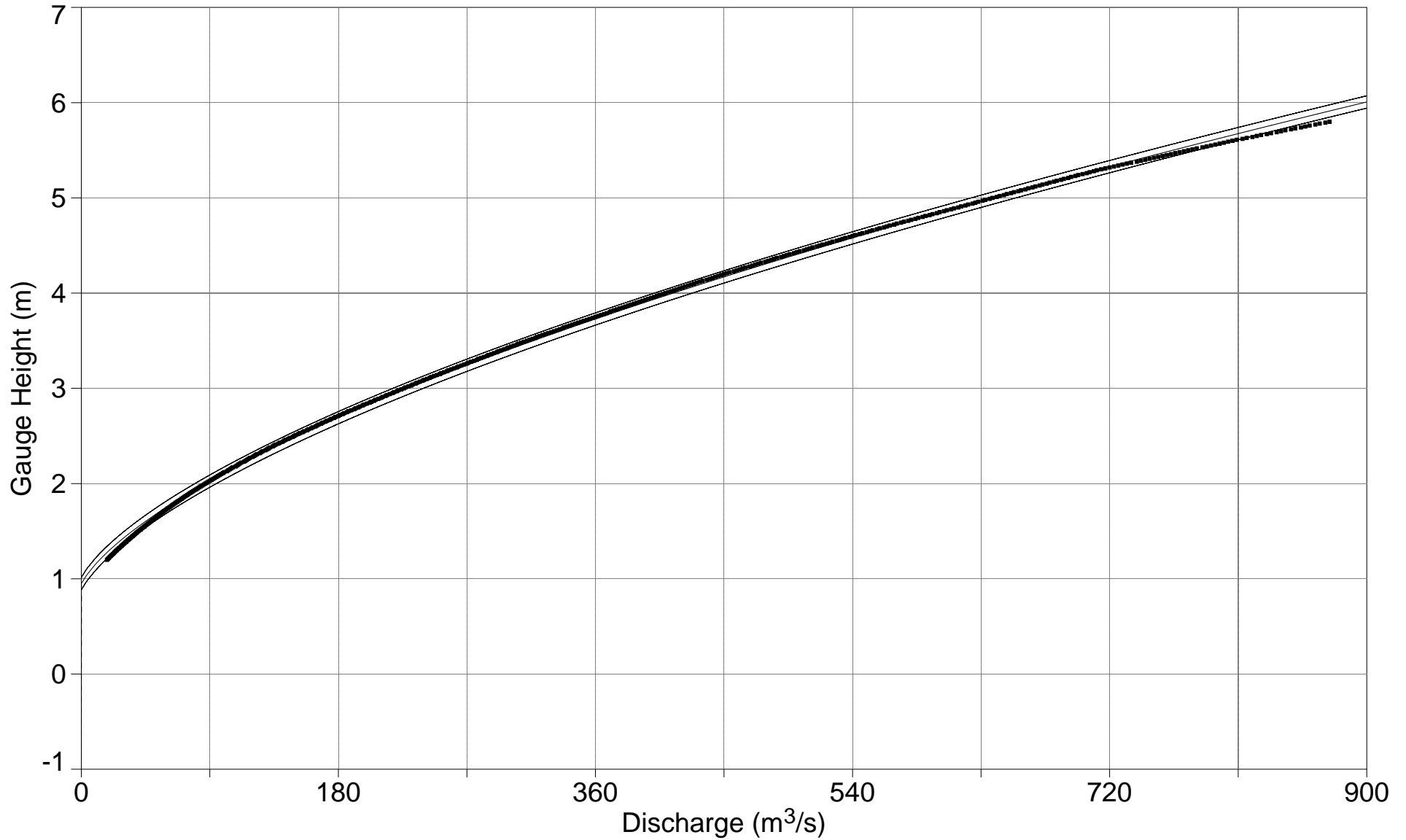
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #33

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99939543$ DF Adj $r^2=0.99939279$ FitStdErr=0.032792762 Fstat=758753.75

$a=0.97302959$

$b=0.024668137$



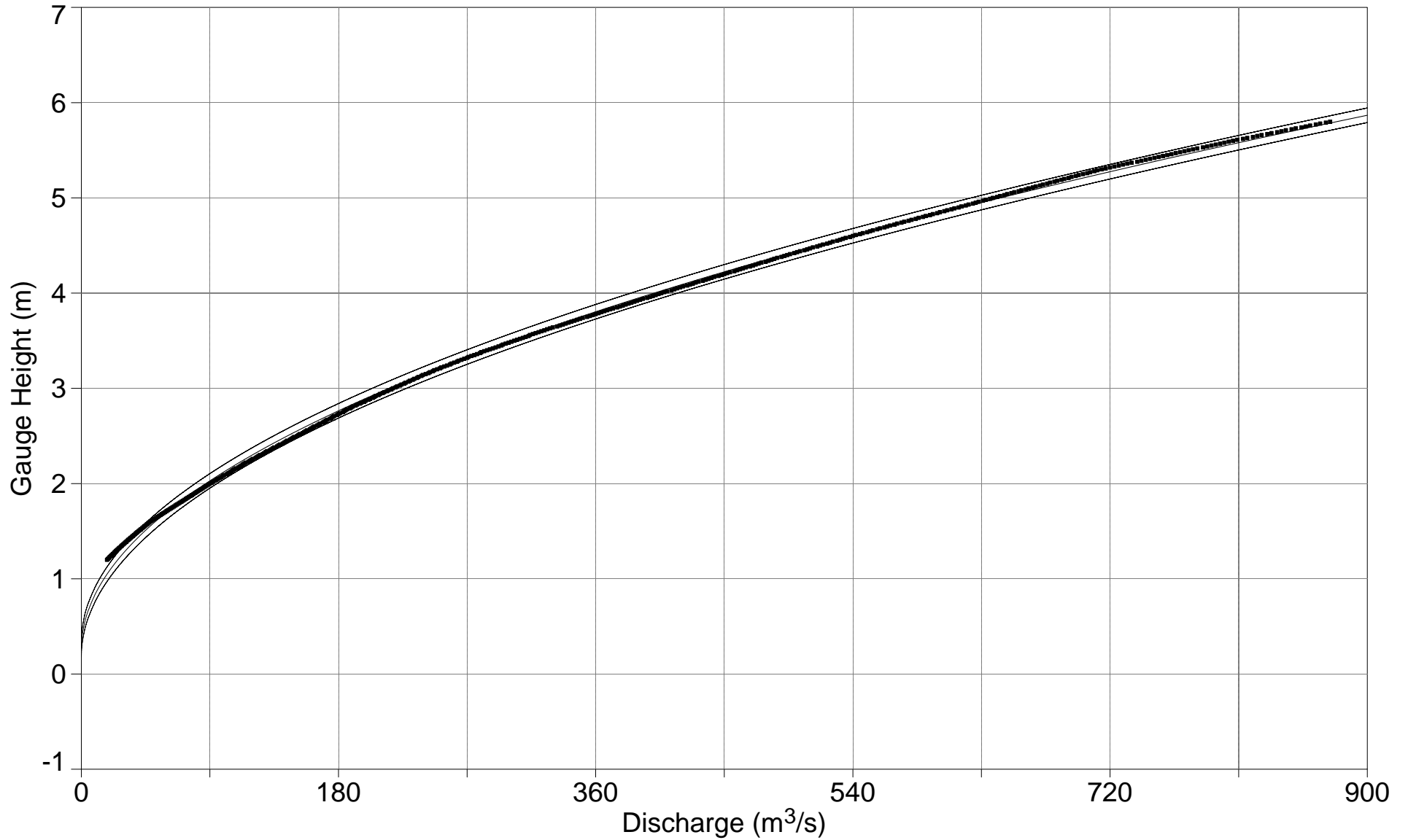
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #34

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.9991525$ DF Adj $r^2=0.9991488$ FitStdErr=0.038826103 Fstat=541132.56

$a=0.25346675$

$b=0.18713482$



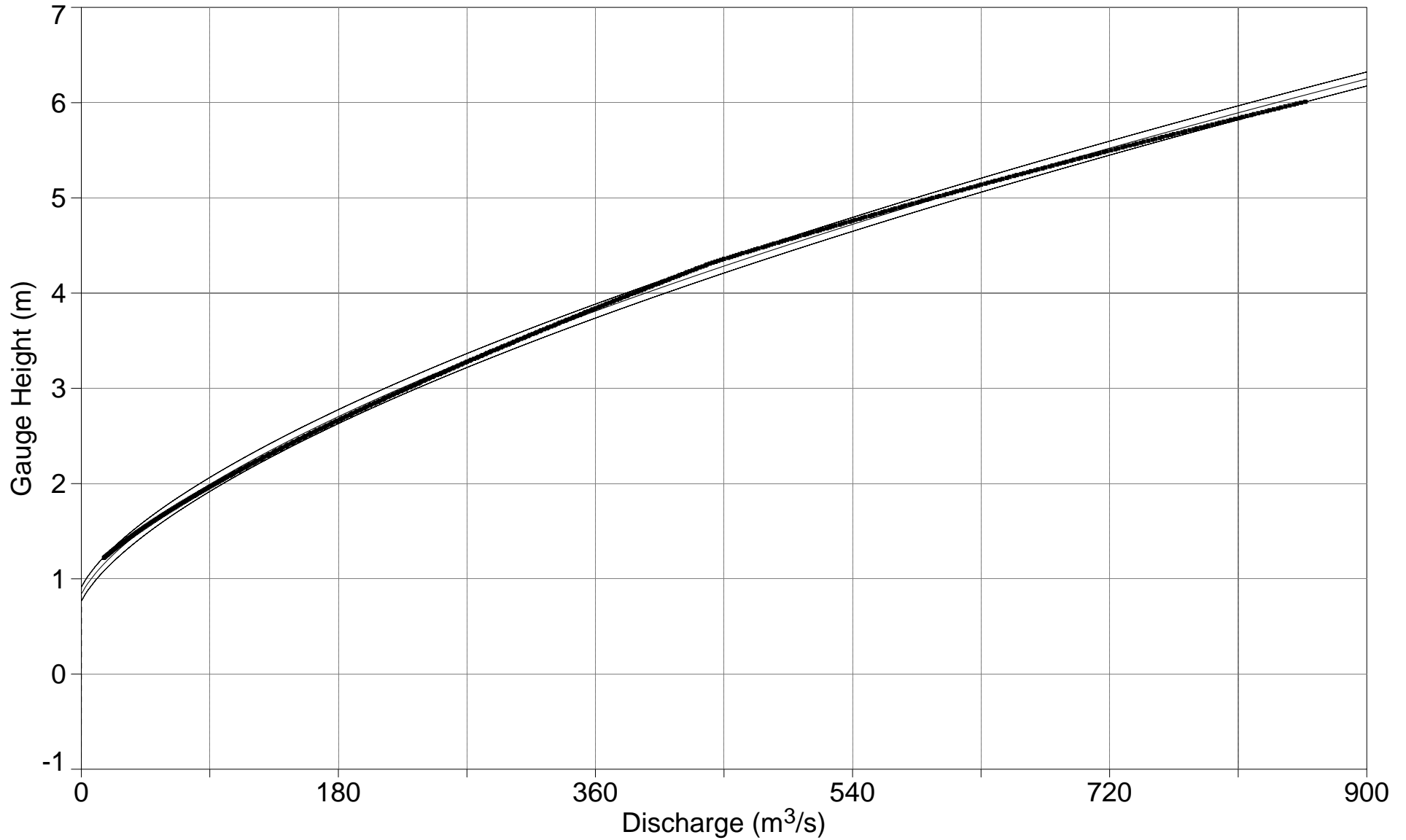
NECHAKO RIVER AT VANDERHOOF - STAGE DISCHARGE TABLE #35

Rank 8 Eqn 9 $y=a+bx^{0.5}\ln x$

$r^2=0.99927867$ DF Adj $r^2=0.99927564$ FitStdErr=0.037292722 Fstat=662184.52

$a=0.86498821$

$b=0.026380476$



APPENDIX 3:

**COMPILATION OF HYDROLOGIC INFORMATION
NECHAKO RIVER AT ISLE PIERRE**

1. WSC Station Description and Gauge History

Water Survey of Canada Station Description

Station Number: 08JC002

Station Name: NECHAKO RIVER AT ISLE PIERRE

Operating Technician: RUSSELL MARYNOWSKI

Technician Effective Date: 2012-05-02

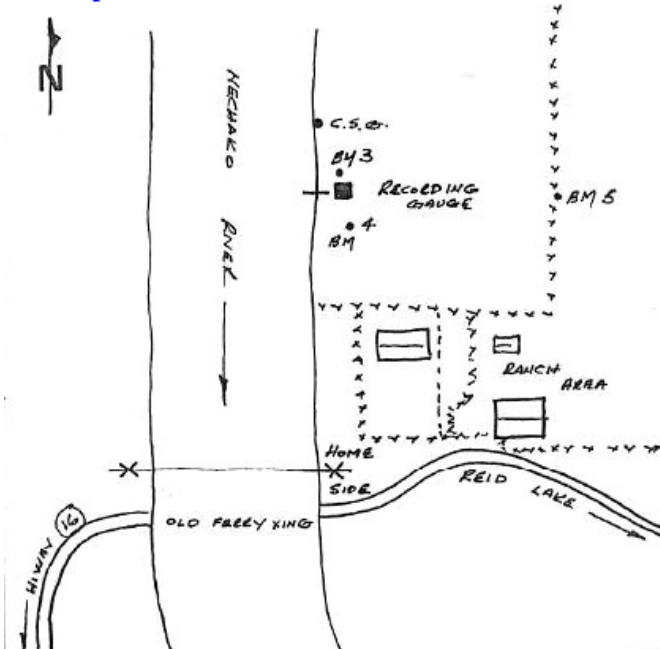
Station Status: ACTIVE

Latest Period-of-Record: 2011-2013 BRC

Location Map of Station



Site Map of Station



[Google Map](#)

Station Number: 08JC002 **Province:** BC **Drainage Area Gross:** 42700 km²
Station Name: NECHAKO RIVER AT ISLE PIERRE **Drainage Area Effective:**
Latitude: 53°57'37.0" N (**Decimal °**): 53.96028° **Longitude:** 123°14'01.0" W (**Decimal °**): -123.23361°
Horizontal Datum: NORTH AMERICAN DATUM 1983 **Co-ordinate Source:** DIGITAL MAP - REGIONAL
Location Description: AT FERRY, 1.6 KM UPSTREAM FROM ISLE PIERRE
Legal Land Designation:
Gauge Datum: ASSUMED DATUM

Remote Access: NO **Access Method:** 1. ROAD

Access Remarks:

Onsite Facility	Facility Type	Status
WET CELL	INSTALLATION TYPE	ACTIVE
CONCRETE BRICK WALK-IN	SHELTER TYPE	ACTIVE
MANNED	CABLEWAY FACILITY	ACTIVE
WELL INTAKE	INSTALLATION TYPE	ACTIVE

Device Serial No	Device Category	Device Make	Device Model	Status	Firmware Ver.	Address	Telephone No
?002990	MANUAL GAUGE	GENERIC	ELECTRIC CONTACT (TAPE)	ACTIVE			
92-103	SHAFT ENCODER	VALCOM	WISE V10	ACTIVE			
?2677	SATELLITE - GOES - HDR	VALCOM	VGOES HDR	ACTIVE		CAA0D464	
?2678	TEMPERATURE - WATER	LAKEWOOD	070-55034	ACTIVE			
98-0145	LOGGER	VALCOM	VEDAS II-LEVEL1	ACTIVE	1.24		

Description of Channel and Control

Channel control all stages. Rocky bed. One channel at all stages, 7.6m at high stage. Regulated since 1952 (Skins Lake Spillway) by "Alcan".

Description of Measurement Sections

Occupational Health and Safety Considerations

General Remarks

DRAINAGE AREA INCLUDES THE AREA BEHIND KENNEY DAM OF 14 000 KM2

Date Created: December 17, 2013

Note: Benchmark descriptions are available on the Gauge History Reports.

GAUGE HISTORY

Station Name NECHAKO RIVER AT ISLE PIERRE Station No. 08JC002
 Bench marks BM 3-61 ELEV. 6.226 m (61) PIPE BM 2 m U/S FROM SHELTER
BM 4-74 ELEV. 6.322 m (74) PIPE BM 7 m D/S FROM SHELTER
BM 5-77 ELEV. ~~6~~ 9.357 m (78) PIPE BM 20 m EAST OF SHELTER
 Elevation of Gauge Datum 0.000 ASSUMED

History of Gauge Corrections, Bench Marks and other Equipment						
Date	Gauge Correction					Notes on Installation or Removal of Gauges, Bench Marks, etc.
	BM3-61	BM4-74	BM5-77	END OF TAPE	ETG REF. PT.	
1992						
JUNE 5	6.226	6.320	9.357		7.439	+0.001
NOV 4	6.226	6.319	9.361	7.437	7.440	+0.003 I. J. NEUFELD 11/23/92
1993						
JUN 29	6.226	6.324	9.360	7.438	7.439	+0.001
OCT 08	6.226	6.324	9.357	7.437	7.439	+0.001 I. J. NEUFELD 10/08/93
1994						
JUN 29	6.226	6.317	9.356	7.438	7.436	-0.002 CSG = 5.844
OCT 21	6.226	6.318	9.360	7.438	7.439	+0.001 CSG = 5.842 DEC 13 1994
1995						
JUN 07	6.226	6.321	9.363	7.438	7.439	+0.001 CSG = 5.852
OCT 26	6.226	6.319	9.361	7.438	7.440	+0.002 R.S.F. 10/26/95
1996						
JUL 3	6.226	6.321	9.365	7.438	7.442	+0.004 CSG = 5.847
OCT 23	6.226	6.320	9.357	7.438	7.443	+0.005 CSG = 5.845 R.S.F. 10/23/96
1997						
MAY 16	6.226	6.318	9.363	7.438	7.439	+0.001 CSG = 5.843
SEP 24	6.226	6.319	9.357		7.439	+0.001 CSG = 5.838 JUN 98.05.08

GAUGE HISTORY

Station Name NECHAKO RIVER AT ISLE PIERRE Station No. 8JC-E

Bench marks SEE PAGE 3

Elevation of Gauge Datum _____

History of Gauge Corrections, Bench Marks and other Equipment						
Date	Gauge Correction					Notes on Installation or Removal of Gauges, Bench Marks, etc.
	I.G.	BM5	CSG	BM-4	BM-3	
1983						
July 19	+0.005		n/c	6.320	6.226	M. F. J. - JAN 26/84
1984						
April 05	+0.007		n/c	6.322	6.226	M.F.J. - JAN 07/88
1985						
Sept. 27	+0.004		n/c	6.320	6.226	M.F.J. - Feb 12/86
1986		No	check	in	1986	MINIMUM ONE level check M.F. Required
1987						
June 16	+0.004		-	6.320	6.226	M.F.J. - Dec 02/87
1988						
MAY 31	+0.005	9.355		6.321	6.226	
Oct. 6	+0.006	9.358 ^B		6.319 ²¹	6.226 ⁶	I. J. NEUFELD MAR 4/89
1989						
July 6	+0.001	9.359	-	6.321	6.226	
Oct. 6	+0.002	9.358	-	6.321	6.226	I. J. NEUFELD NOV 2/89
1990						
June 21	0.000	9.358	-	6.319	6.226	R.S. FERGUSON 02/11/91
1991	ETG RP					INSTALLED TELEMK AND ETG TODAY, LEVELLED ETG RP.
MAY 13	7.438				6.226	
July 12	7.437	9.355		6.317	6.226	
Nov 05	7.440	9.380		6.319	6.226	I. J. NEUFELD 11/25/91

GAUGE HISTORY

Station Name NECHAKO RIVER AT ISLE PIERRE Station No. 08JC002

Bench marks BM 3 EL. 20.42⁵ Brass cap on standard pipe post.

BM 4 ('74) ELEV. 20.74 BRASS CAP ON PIPE POST.

SLOPE GAUGE READS FROM 7.00' TO 15'

30.70 ('70) → BM 5 EL. 30.72 ('77) BRASS CAP ON PIPE APPROX 100 FEET EAST OF GAUGE SHELTER

Elevation of Gauge Datum. CREST STAGE GAUGE BOLT ELEV. 19.18 ('77) 2.5 FEET UPS TROUGH OF GAUGE SHELTER ON L.B.

History of Gauge Corrections, Bench Marks and other Equipment					
Date	SLOPE GAUGE Correction				Notes on Installation or Removal of Gauges, Bench Marks, etc.
	IG STAFF	7-15'	CSG	BM3	
1973	0-21	7-15'	CSG	BM3	
AUG 25	+0.01			20.43	IG NOT ADJ. <i>2 weeks since 7/73</i>
1974					
APR 23	0.00			20.43	
OCT 30	-0.01		20.74	20.42 ⁵	IG NOT ADJ. BMA ESTABLISHED THIS DATE.
1975					
JULY 8	+0.00 ⁵		20.74	20.43	
OCT 2	N/C.	0.00	20.74		INSTALLED MARKERS ON SLOPE G. 7-15' <i>OK by APR 7/75</i>
1976					NO LEVELS DONE THIS YEAR
	I.G.		CSG	BM 4 BM 5	
1977					BM 5 EST THIS DAY
AUG 4	+0.01 ⁵		19.18	20.74 30.72	I.G. N/A EST. CSG THIS DAY <i>Checked Pub. Nov. 14/77</i>
1978					<i>Pub 28/11/78</i>
OCT 5	+0.01 ⁵		19.18	20.74 30.70	
1979					
MAY 14	I.G. To 0.250 To 0.000		N/C.	20.74 N/C.	SET METRIC I.G. TO 0.000. <i>A. Cokett</i>
1980				BM 4 6.322 BM 5 6.226	
APRIL 16	+0.003			" "	
OCT 22	+0.005			6.322 6.226	✓ <i>T. Cokett DEC 10 1980</i>
1981	-0.001 0.000			6.322 N/C.	June 29 <i>2.1. 01-12-04</i>
1982		NO	LEVEL	CHECK WHY?	RUSSIAN WORK HABITS "SLACK OFF"
1983					<i>OK by 03-01-87</i>
July 19	+0.005			6.320 6.226	

GAUGE HISTORY

(2)

of Nechako R. at Isle Pierre Station No. BTC-1

Bench marks
 BM2 : - " " " " " Local El. 32.76
 BM3 : - " " " " " Local El. 20.43

Elevation of Gauge Datum

History of Gauge Corrections, Bench Marks and other Equipment					
Date	Gauge Correction				Notes on Installation or Removal of Gauges, Bench Marks, etc.
	I.G.	Stope Gauge			
1968					
Oct 31	+0.01 ↓ +0.01				BM3 ↔ I.G. No adj. reqd.
1969					
July 2	+0.01 ↓	see B38A			BM3 ↔ I.G. o.k.
Oct 17	0.00 ↓	N/C			BM.3 ↔ I.G., o.k.
1970					
Nov 4	0.00 ↓				BM3 ↔ IG ok.
1971					
July 8	0.00				BM3 ↔ IG 0.00
Nov 3	+0.01				BM3 ↔ IG +0.01 N/A.
<u>1972</u>					
Nov 3	0.00 ↓				BM3 ↔ IG BM3 ↔ T.P.1 → W.L.
					Pa.L Jan 30/73

GAUGE HISTORY

1

of Nechako River at Isle Pierre

Station No. 8JC-2

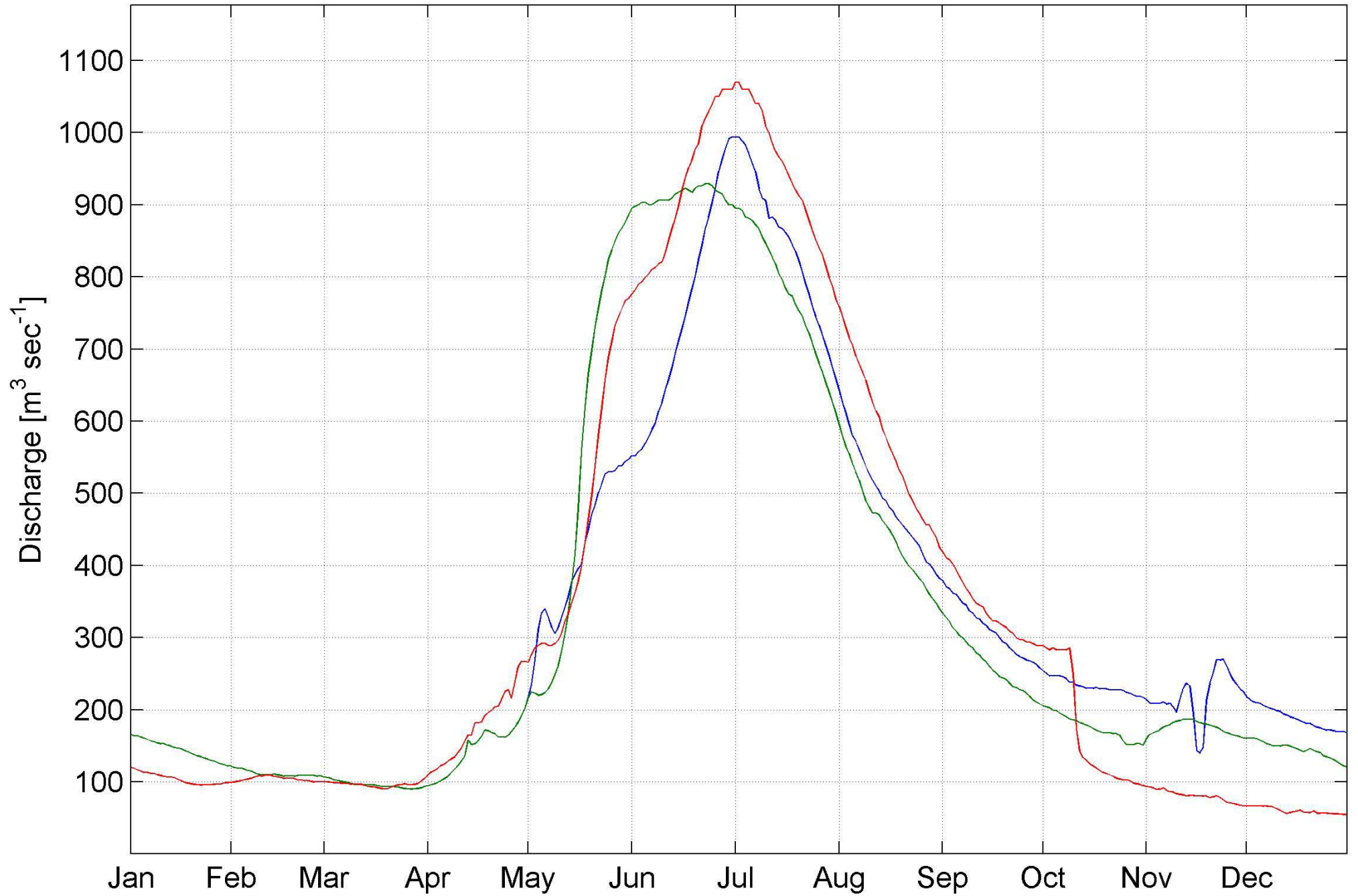
Bench marks
 Point #1 - Brass cap on pipe - Sec. elev. 22.70
 Point #2 - Bolt in poplar tree - Sec. elev. 20.75
 Point #3 - Brass cap in recorder well - Sec. elev. 20.425

Elevation of Gauge Datum

History of Gauge Corrections, Bench Marks and other Equipment					
Date	Gauge Correction				Notes on Installation or Removal of Gauges, Bench Marks, etc.
	I.G.	Slope Gauge			
1962					
16 May 1963	OK	Corr. +0.02	Average	(N.H.)	
11 Oct.	OK	Corr. +0.02	Average	(N.H.)	
25 Oct.	OK	Corr. +0.02	Average	(N.H.)	
27 Oct. 1964	OK	Corr. between -0.01 to +0.03		(N.H.)	
10 June	OK	OK			
10 Nov. 1965	OK	OK			
9 June	O.K.	O.K.			
24 Nov. 1966	O.K.	Corr. +0.03	Average	(N.H.)	
April 18	0.00				BM3 \rightleftharpoons I.G., No adj. reqd.
Oct 3	0.00				BM3 \rightleftharpoons I.G. No adj. reqd.
1967					
June 22	0.00				BM3 \rightleftharpoons I.G., BM3 \rightarrow Slope g. No. adj. made to slope g.
Oct 26	0.00				BM3 \rightleftharpoons I.G. No. adj. reqd.

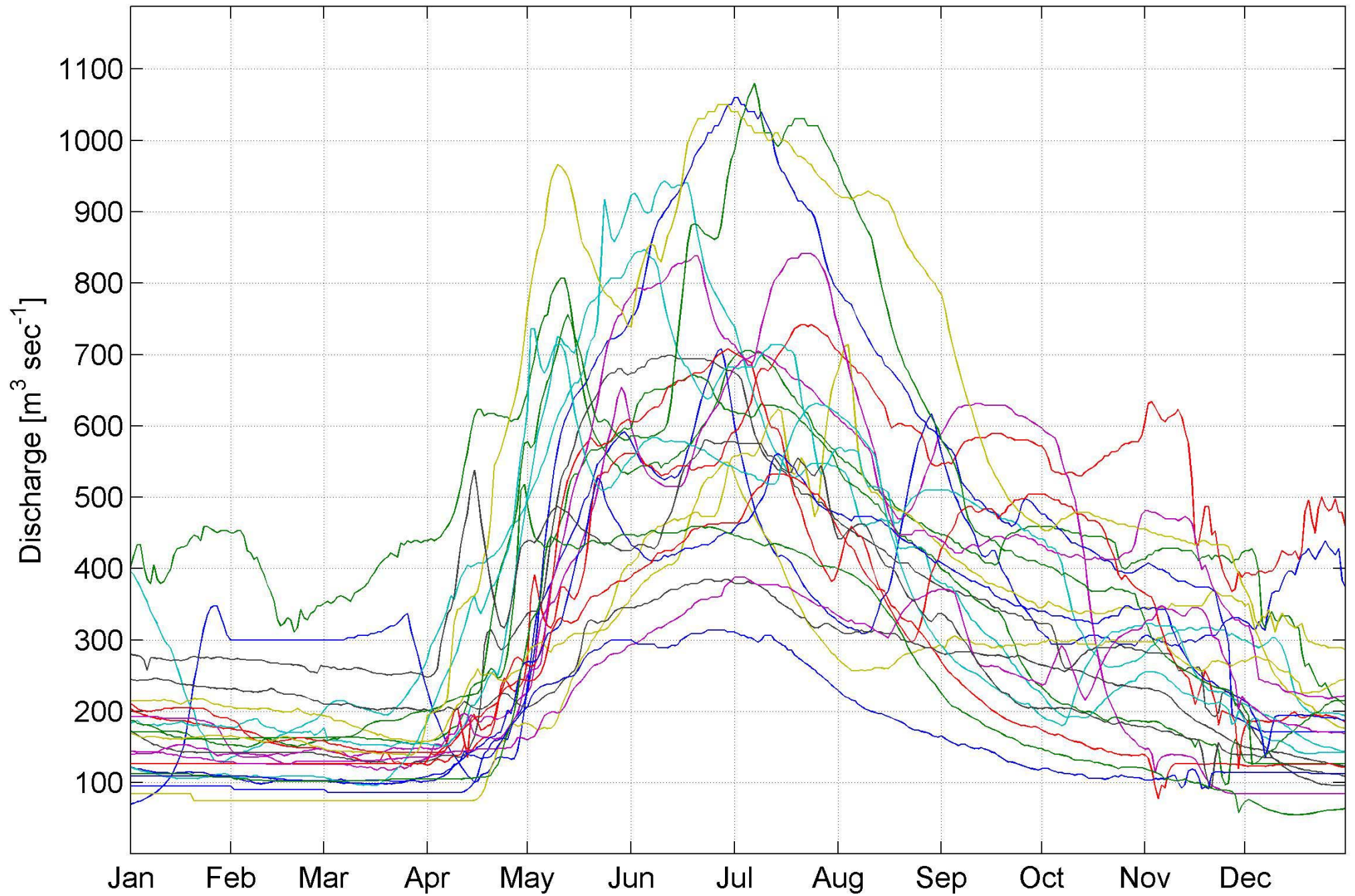
**2a. Annual Hydrographs
1950-1952**

NECHAKO RIVER AT ISLE PIERRE
1950-1952
Dataset1 Period of Record Annual Hydrographs



**2b. Annual Hydrographs
1957-1979**

NECHAKO RIVER AT ISLE PIERRE
1957-1979
Dataset1 Period of Record Annual Hydrographs



**2c. Annual Hydrographs
1980-2012**

Streamflow Analysis and Assessment Software 3.0

Apply and Continue...

Define Hydrological Season (if applicable one seasonal definition is shared between two time series)

Time Series 1
 Time Series 2

Y-Extent: Full Hydrograph Median Hydrograph

X-Labels: Day-of-Year Months

Season	Start	End
Winter	1 to	90
Spring	91 to	181
Summer	182 to	273
Autumn	274 to	365

Note: Autumn MUST end on or before DOY 365.

Date to Day-of-Year Converter: January 1 = 1

Use Upper and Lower Adjacent Values

L-Adj: 25 Median: 75 U-Adj:

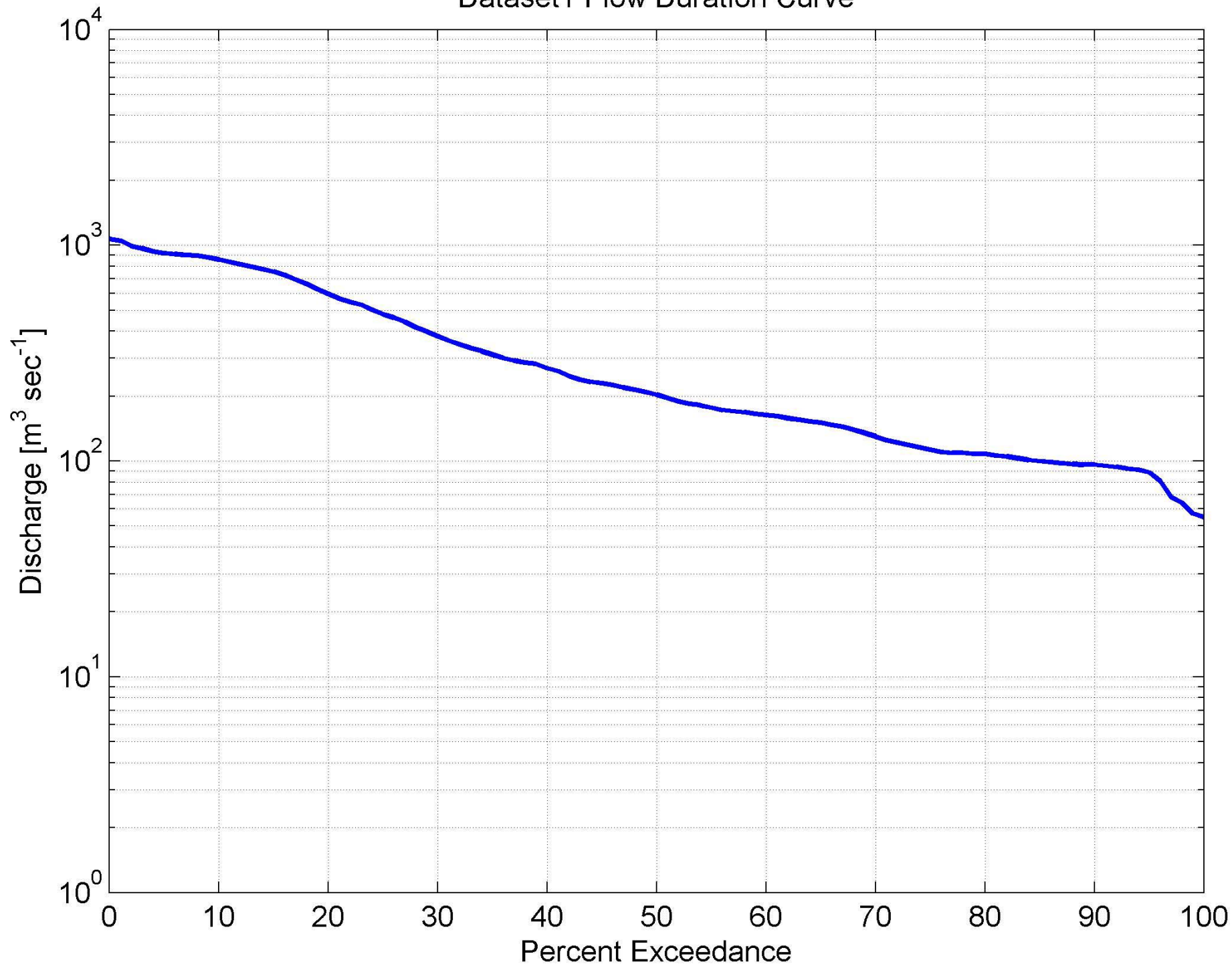
These percentile values will be used in some output tables to describe distributions around medians. They define a measure of dispersion around the central median value.
 Upper Adjacent = $75th + (1.5 \times (75th - 25th))$
 Lower Adjacent = $25th - (1.5 \times (75th - 25th))$
 NOTE: This software uses percent exceedances instead of percentiles for labelling output related to duration curves. Percent Exceedance = $100 - \text{Percentile}$ (for example: $100 - 10 = 90\%$ Exceedance)

Dataset Name(s) to be used for labelling output files (Note: Output with the same name in the same workspace will be overwritten without further warning.)

Dataset Name 1: Dataset1 Dataset Name 2: Dataset2

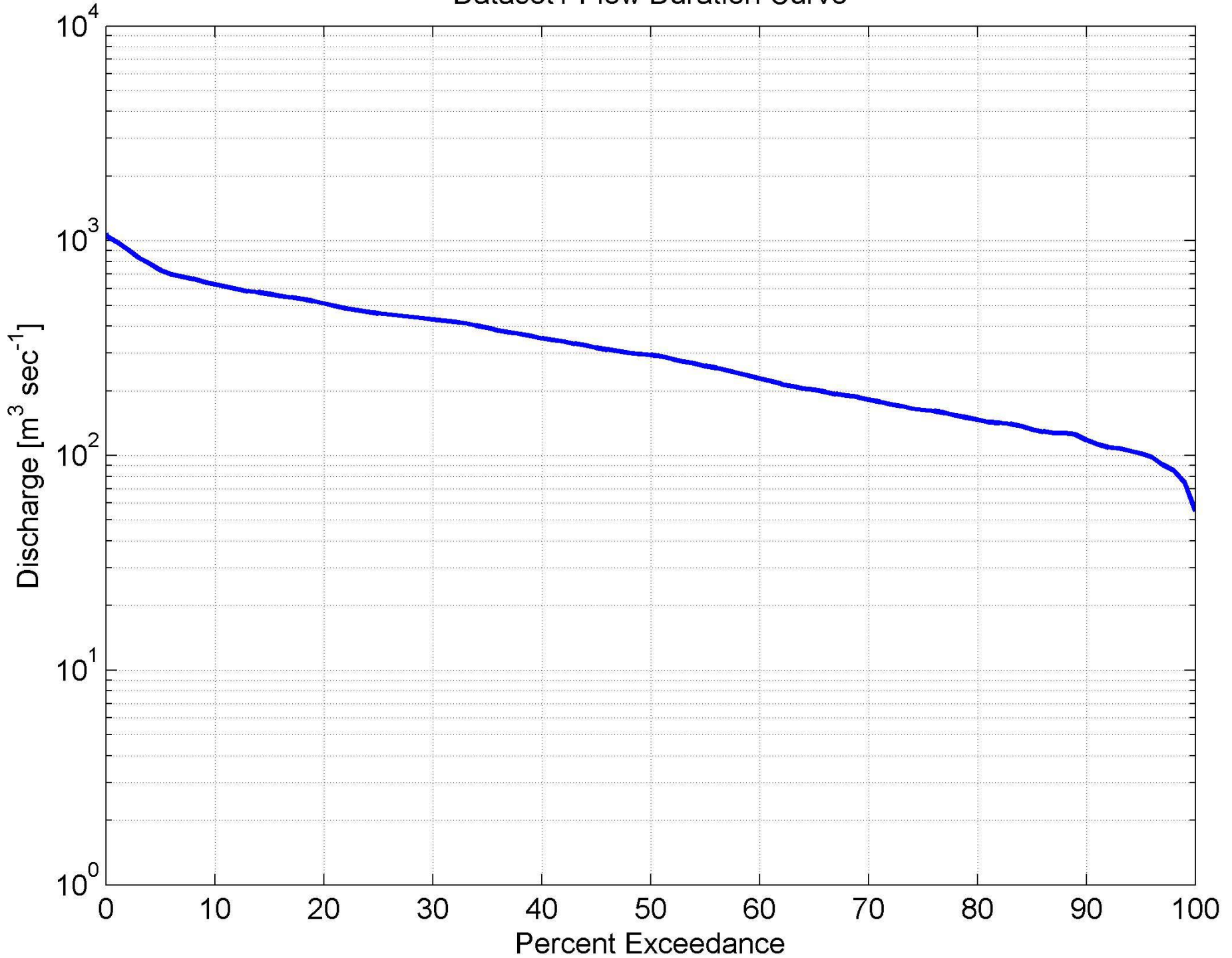
**3a. Flow Duration Curve
1950-1952**

NECHAKO RIVER AT ISLE PIERRE
1950-1952
Dataset1 Flow Duration Curve

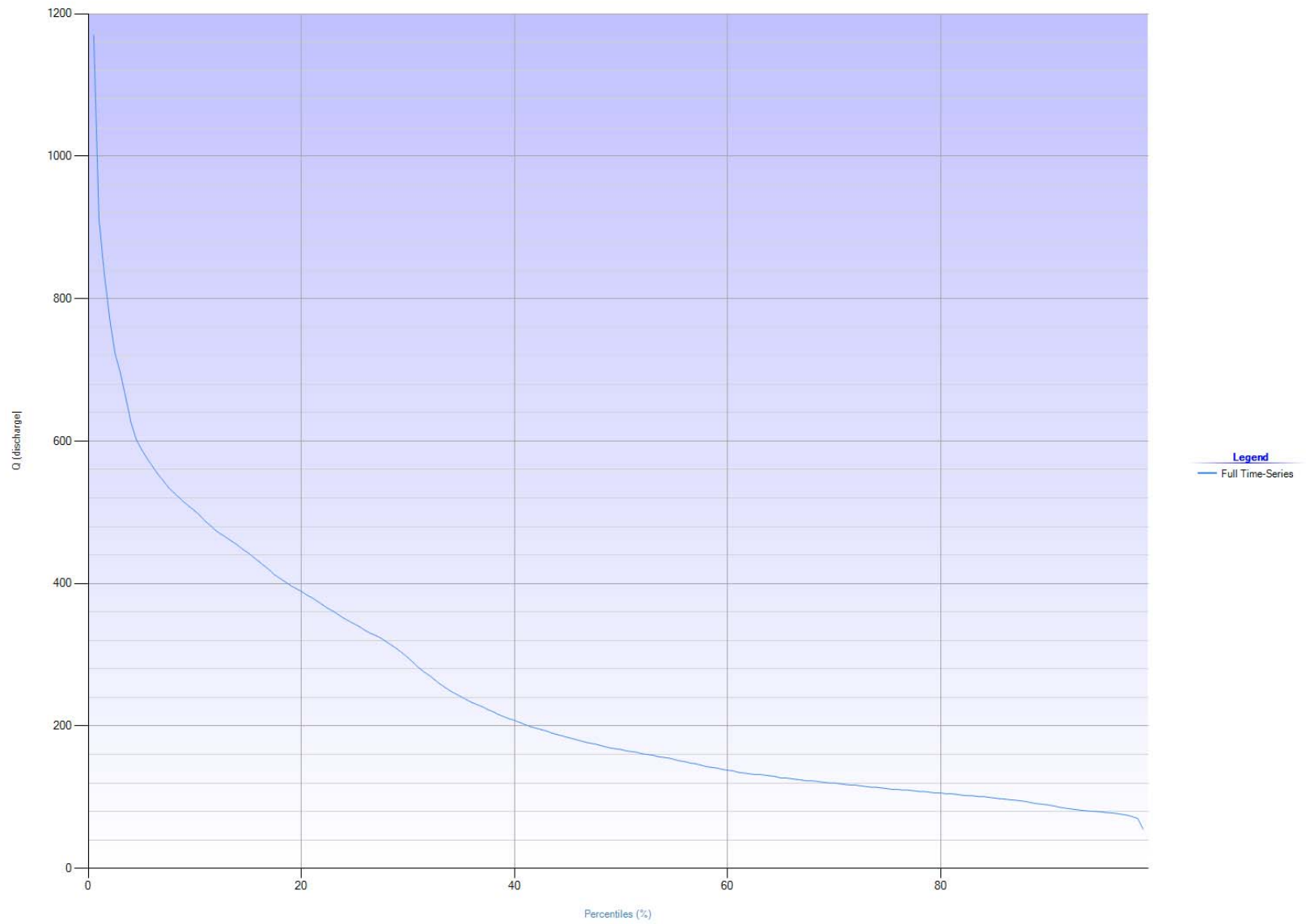


**3b. Flow Duration Curve
1957-1979**

NECHAKO RIVER AT ISLE PIERRE
1957-1979
Dataset1 Flow Duration Curve



**3c. Flow Duration Curve
1980-2012**



**4a. Flow Duration Table
1950-1952**

I sle Pierre 50-52_POR_Fl owDurati onCurve. txt

NECHAKO RIVER AT ISLE PIERRE 1950-1952

Percent Exceedance	Streamflow	Percentile
0.01	1070	99.99
0.1	1070	99.9
1	1050	99
2	994	98
3	969.25	97
4	934.6	96
5	920	95
6	909	94
7	903	93
8	894.7	92
9	878	91
10	861	90
11	838.15	89
12	818	88
13	796.45	87
14	776	86
15	753.75	85
16	728.9	84
17	694	83
18	662	82
19	626	81
20	595	80
21	566	79
22	545.8	78
23	530	77
24	503.1	76
25	479	75
26	462	74
27	441.55	73
28	416	72
29	398.85	71
30	379	70
31	362	69
32	348	68
33	334	67
34	323	66
35	311	65
36	300	64
37	292	63
38	286	62
39	281.45	61
40	269	60
41	260.55	59
42	248.2	58
43	238.65	57
44	232.7	56
45	229	55
46	225	54
47	219	53
48	214	52
49	209	51
50	203	50
51	196.05	49
52	189.1	48
53	184.15	47
54	181.2	46
55	177	45
56	172.3	44
57	170	43
58	168	42
59	165.45	41

Isl e Pi erre 50-52_POR_Fl owDurati onCurve. txt

60	163. 5	40
61	161. 55	39
62	158	38
63	155. 3	37
64	152. 7	36
65	150. 75	35
66	147	34
67	144	33
68	139. 8	32
69	134. 95	31
70	130	30
71	125	29
72	122	28
73	119	27
74	116	26
75	113	25
76	110	24
77	109	23
78	109	22
79	108	21
80	108	20
81	106	19
82	105	18
83	103	17
84	101	16
85	100	15
86	98. 8	14
87	97. 7	13
88	96. 8	12
89	96. 3	11
90	96. 3	10
91	94. 9	9
92	93. 7	8
93	92. 135	7
94	91. 2	6
95	88. 575	5
96	80. 79	4
97	68. 19	3
98	63. 9	2
99	57. 17	1
99. 9	55. 0785	0. 1
99. 99	54. 9	0. 01

**4b. Flow Duration Table
1957-1979**

I sle Pierre 57-79_POR_Fl owDurati onCurve. txt

NECHAKO RIVER AT ISLE PIERRE 1957-1979

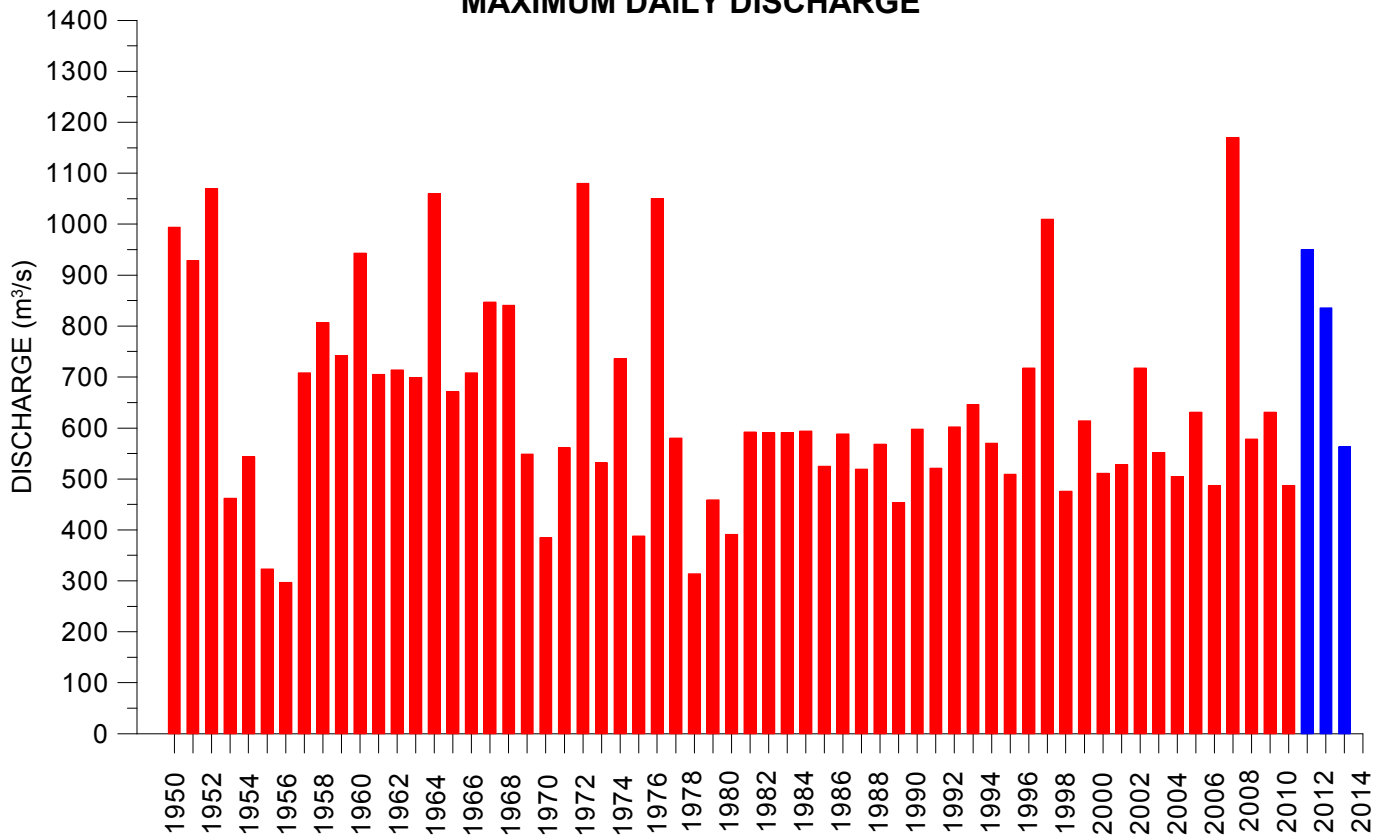
Percent Exceedance	Streamflow	Percentile
0.01	1076.605	99.99
0.1	1050	99.9
1	985	99
2	910.8	98
3	835	97
4	782	96
5	728	95
6	699	94
7	682	93
8	665	92
9	643	91
10	626	90
11	612	89
12	597	88
13	583	87
14	575	86
15	564.5	85
16	552	84
17	544	83
18	535	82
19	524	81
20	510	80
21	496	79
22	484	78
23	474.95	77
24	467	76
25	459	75
26	453	74
27	447	73
28	442	72
29	436	71
30	430	70
31	425	69
32	419	68
33	413	67
34	402	66
35	394	65
36	382	64
37	374	63
38	368	62
39	360	61
40	351	60
41	345	59
42	340	58
43	331	57
44	326	56
45	317	55
46	311	54
47	306	53
48	300	52
49	297	51
50	294	50
51	289	49
52	281	48
53	274	47
54	268	46
55	261	45
56	256	44
57	249	43
58	242	42
59	235	41

Isl e Pi erre 57-79_POR_Fl owDurati onCurve. txt

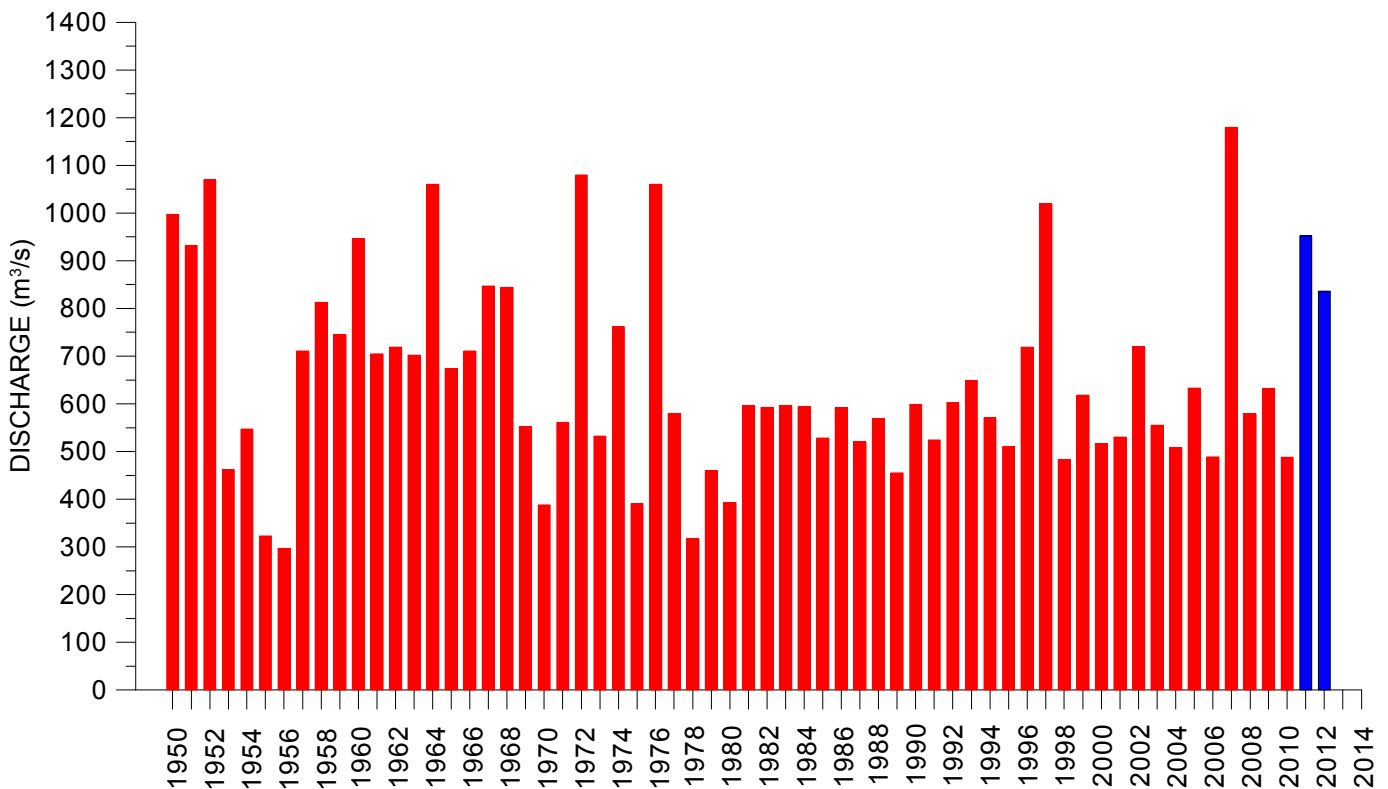
60	228	40
61	222	39
62	215	38
63	210	37
64	205	36
65	202	35
66	198	34
67	193	33
68	190	32
69	186. 95	31
70	182	30
71	178	29
72	173	28
73	170	27
74	165	26
75	163	25
76	161	24
77	158	23
78	153. 4	22
79	150	21
80	147	20
81	143	19
82	142	18
83	140	17
84	137	16
85	132	15
86	129	14
87	127	13
88	127	12
89	125	11
90	118	10
91	113	9
92	109	8
93	108	7
94	105	6
95	102	5
96	98. 36	4
97	90. 6	3
98	85	2
99	75	1
99. 9	56. 8685	0. 1
99. 99	55. 2	0. 01

5. Flood Frequency Analyses (not to be used for design purposes)

**NECHAKO RIVER AT ISLE PIERRE, 1950 TO 2011 &12 (prelim.)
MAXIMUM DAILY DISCHARGE**



**NECHAKO RIVER AT ISLE PIERRE, 1950 TO 2011 &12 (prelim.)
MAXIMUM INSTANTANEOUS DISCHARGE**



Historical variation in annual maximum daily and instantaneous discharge, Nechako River at Isle Pierre, 1950 to 2011&12 (prelim.).

FREQUENCY ANALYSIS OF ANNUAL MAXIMUM DAILY DISCHARGE: NECHAKO RIVER AT ISLE PIERRE, 1957 - 1979

NECHAKO RIVER BELOW CHESLATTA FALLS MAXIMUM DAILY DISCHARGE 1957 - 1979								Skew:	.118					
Frequency Distribution	Estimate of Specified Recurrence Interval Discharge in m3/second							Goodness of fit						
	2 years	5 years	10 years	25 years	50 years	100 years	200 years	1	2					
<i>See NOTES below</i>														
Log Normal (Maximum Likelihood)	693	877	977	1,090	1,160	1,230	1,290	.0976	.0569					
Gumbel (Maximum Likelihood)	667	885	1,030	1,210	1,350	1,480	1,620	.143	.0520					
Pearson Type III (By Moments)	695	877	975	1,080	1,150	1,210	1,270	.0939	.0588					
Log Pearson Type III (By Moments)	688	884	989	1,100	1,170	1,240	1,290	.106	.0494					
Average Adopted Value	686	881	993	1,120	1,210	1,290	1,370							
95% Confidence Limits for Specified Recurrence Interval in m3/second														
Frequency Distribution	2 years		5 years		10 years		25 years		50 years		100 years		200 years	
	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper
Log Normal (Maximum Likelihood)	602	786	766	991	845	1110	927	1250	979	1350	1030	1430	1070	1520
Gumbel (Maximum Likelihood)	569	764	735	1040	837	1220	963	1460	1050	1640	1150	1820	1240	2000
Pearson Type III (By Moments)	603	787	766	988	845	1110	926	1240	978	1320	1020	1400	1070	1480
Log Pearson Type III (By Moments)	594	797	723	1080	785	1250	847	1430	885	1560	918	1670	947	1770
Average Adopted Value	592	784	747	1020	828	1170	916	1350	974	1470	1030	1580	1080	1690
	569	797	723	1080	785	1250	847	1460	885	1640	918	1820	947	2000
<p>1 Modified Kolmogorov-Smirnov goodness of fit test based on unbiased plotting positions for all points.</p> <p>2 Modified Kolmogorov-Smirnov goodness of fit test based on unbiased plotting positions for 5 largest points.</p> <p>Analytical procedures used to prepare this summary were made available by the River Forecast Centre, Water Management Branch, B.C. Ministry of Environment. This assistance is gratefully acknowledged.</p>														

FREQUENCY ANALYSIS OF ANNUAL MAXIMUM DAILY DISCHARGE: NECHAKO RIVER AT ISLE PIERRE, 1980 - 2012

NECHAKO RIVER BELOW CHESLATTA FALLS MAXIMUM DAILY DISCHARGE 1980-2012								Skew:	1.94					
Frequency Distribution	Estimate of Specified Recurrence Interval Discharge in m3/second							Goodness of fit						
	2 years	5 years	10 years	25 years	50 years	100 years	200 years	1	2					
See NOTES below														
Log Normal (Maximum Likelihood)	581	712	805	929	1,020	1,120	1,230	.129	.0528					
Gumbel (Maximum Likelihood)	587	701	777	874	945	1,020	1,090	.132	.0593					
Pearson Type III (By Moments)	565	715	828	976	1,090	1,200	1,310	.117	.0581					
Log Pearson Type III (By Moments)	570	705	812	967	1,100	1,240	1,400	.102	.0453					
Average Adopted Value	576 570	709 705	806 812	936 967	1,040 1,100	1,140 1,240	1,260 1,400							
95% Confidence Limits for Specified Recurrence Interval in m3/second														
Frequency Distribution	2 years		5 years		10 years		25 years		50 years		100 years		200 years	
	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper
Log Normal (Maximum Likelihood)	540	630	641	799	705	931	783	1120	841	1270	898	1440	955	1620
Gumbel (Maximum Likelihood)	544	629	637	766	694	861	766	981	818	1070	870	1160	922	1250
Pearson Type III (By Moments)	520	609	616	815	676	979	754	1200	811	1360	868	1530	926	1700
Log Pearson Type III (By Moments)	530	613	621	802	682	967	764	1220	828	1450	895	1710	966	2020
Average Adopted Value	534 520	620 630	629 616	795 815	689 676	935 979	767 754	1130 1220	825 811	1290 1450	883 868	1460 1710	942 922	1650 2020
<p>1 Modified Kolmogorov-Smirnov goodness of fit test based on unbiased plotting positions for all points.</p> <p>2 Modified Kolmogorov-Smirnov goodness of fit test based on unbiased plotting positions for 5 largest points.</p> <p>Analytical procedures used to prepare this summary were made available by the River Forecast Centre, Water Management Branch, B.C. Ministry of Environment. This assistance is gratefully acknowledged.</p>														

6. WSC Rating Tables

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

Stage Discharge Table No: .94 10/30/2013 6:39

period of use: 1950-04-01 00:00:00 to 1952-07-01 23:59:57.

remarks:

date created: 1951-11-20

GH	Discharge
1.219	100.809
1.341	116.666
1.646	159.142
1.981	208.979
2.225	247.491
2.377	272.976
2.499	294.497
2.713	334.141
2.896	371.519
3.078	412.296
3.2	441.745
3.353	481.389
3.566	540.855
3.749	595.223
3.962	662.618
4.115	713.588
4.42	821.193
4.633	900.481
4.755	948.053
4.938	1022.81
5.182	1127.017

Approved by:

Date:

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

Stage Discharge Table No: .95 10/30/2013 6:39

period of use: 1952-07-01 23:59:58 to 1952-07-01 23:59:59.

remarks:

date created: 1952-11-25

GH	Discharge
1.067	75.89
1.28	103.64
1.402	120.63
1.737	170.468
2.225	247.491
2.377	272.976
2.499	294.497
2.713	334.141
2.896	371.519
3.078	412.296
3.2	441.745
3.353	481.389
3.566	540.855
3.749	595.223
3.962	662.618
4.115	713.588
4.42	821.193
4.633	900.481
4.755	948.053
4.938	1022.81
5.182	1127.017

Approved by:

Date:

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

Stage Discharge Table No: .96 10/30/2013 6:40

period of use: 1952-07-02 00:00:00 to 1953-09-30 23:59:59.

remarks:

date created: 1953-07-06

GH	Discharge
0.427	39.644
0.61	48.139
0.64	49.838
0.732	55.784
0.914	69.377
0.945	72.208
1.036	81.553
1.219	101.941
1.524	144.417
1.676	168.486
1.981	219.457
2.438	300.16
2.591	328.477
2.743	359.626
3.048	427.587
3.353	501.211
3.505	540.855
3.658	583.33
3.81	628.637
3.962	676.776
4.115	727.747
4.724	942.956
4.877	999.59
4.907	1011.483
4.999	1048.862
5.182	1127.017

Approved by:

Date:

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

Stage Discharge Table No: .97 10/30/2013 6:40

period of use: 1953-10-01 00:00:00 to 1956-11-17 23:59:59.

remarks:

date created: 1954-12-10

GH	Discharge
0.457	60.032
0.518	62.864
0.701	73.058
0.762	77.022
0.823	81.553
0.914	89.199
1.067	103.357
1.372	134.506
1.524	152.912
1.676	172.734
1.829	195.387
1.981	219.457
2.438	300.16
2.591	328.477
2.743	359.626
3.048	427.587
3.353	501.211
3.505	540.855
3.658	583.33
3.81	628.637
4.023	696.032

Approved by:

Date:

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

Stage Discharge Table No: .98 10/30/2013 6:41

period of use: 1957-04-08 00:00:00 to 1959-09-30 23:59:59.

remarks:

date created: 1958-12-05

GH	Discharge
1.189	97.977
1.372	121.763
1.676	167.07
1.981	218.041
2.195	257.685
2.225	263.631
2.53	325.929
2.682	358.493
2.713	365.289
3.048	443.161
3.139	465.248
3.353	518.767
3.566	574.269
3.658	598.905
4.115	726.331
4.572	858.005
4.694	894.251

Approved by:

Date:

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

Stage Discharge Table No: 1.00 10/30/2013 6:42

period of use: 1961-10-10 00:00:00 to 1970-12-31 23:59:59.

remarks:

date created: 1963-01-31

GH	Discharge
1.128	90.048
1.372	121.763
1.676	167.07
1.981	215.209
2.286	266.18
2.438	293.081
2.591	321.398
2.743	353.963
2.896	389.359
3.048	429.003
3.2	470.062
3.444	540.288
3.505	558.411
3.566	577.1
3.962	702.262
4.267	801.371
4.572	903.312
4.724	959.946
4.877	1019.412
5.029	1081.709

Approved by:

Date:

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

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Stage Discharge Table No: 2.00 10/30/2013 6:42

period of use: 1971-01-01 00:00:00 to 1971-12-31 23:59:59.

remarks:

date created: 1971-10-25

GH	Discharge
1.067	82.119
1.372	121.763
1.676	167.070
1.981	215.209
2.286	266.180
2.438	293.081
2.591	321.398
3.200	451.656
3.292	472.044
3.322	479.407
3.353	487.052
3.414	504.043
3.566	547.934
3.719	594.657
3.780	614.479
3.840	634.867
3.932	667.149
4.816	995.626
4.877	1019.412
5.029	1081.709

Approved by:

Date:

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

Stage Discharge Table No: 3.00 10/30/2013 6:42

period of use: 1972-01-01 00:00:00 to 1978-04-10 23:59:59.

remarks:

date created: 1972-09-28

GH	Discharge
0.914	65.129
0.945	67.961
0.975	71.076
1.067	82.119
1.372	121.763
1.676	167.07
1.981	215.209
2.286	266.18
2.438	293.081
2.591	321.398
3.2	451.656
3.292	472.044
3.322	479.407
3.353	487.052
3.414	504.043
3.658	574.269
4.267	755.498
4.542	842.148
4.572	852.342
4.816	942.956
5.029	1032.155
5.182	1102.947

Approved by:

Date:

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

Stage Discharge Table No: 4.00 10/30/2013 6:43

period of use: 1978-04-11 00:00:00 to 1978-12-31 23:59:59.

remarks:

date created: 1978-11-24

GH	Discharge
0.914	64.846
0.975	71.076
1.341	115.25
1.524	139.036
1.554	143.284
1.829	184.061
1.981	208.13
2.134	233.615
2.438	290.249
2.591	321.398
3.2	451.656
3.292	472.044
3.322	479.407
3.353	487.052
3.414	504.043
3.658	574.269
4.267	755.498
4.542	842.148
4.572	852.342
4.816	942.956
4.999	1019.412
5.182	1102.947

Approved by:

Date:

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

Stage Discharge Table No: 5.00 10/30/2013 6:43

period of use: 1979-01-01 00:00:00 to 1983-12-31 23:59:59.

remarks:

date created: 1979-11-26

GH	Discharge
0.61	53.236
0.64	55.218
0.701	59.749
0.884	75.04
1.219	106.189
1.25	109.304
1.554	143.284
1.829	184.061
1.981	208.13
2.134	233.615
2.438	290.249
2.591	321.398
3.2	451.656
3.292	472.044
3.322	479.407
3.353	487.052
3.414	504.043
3.658	574.269
4.267	755.498
4.542	842.148
4.572	852.342
4.816	942.956
4.999	1019.412
5.182	1102.947

Approved by:

Date:

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

Stage Discharge Table No: 6.00 10/30/2013 6:43

period of use: 1984-01-01 00:00:00 to 1996-12-31 23:59:59.

remarks:

date created: 1984-08-23

GH	Discharge
0.7	59.7
0.8	68
0.9	76.5
1.1	95.1
1.2	104
1.5	137
1.6	150
1.9	195
2.1	227
2.2	245
2.3	264
2.6	330
2.9	399
3.2	471
3.6	571
3.8	623
3.9	650
4.1	706
4.3	766
4.4	797
4.5	829
4.6	863
4.8	937
4.9	978
5	1020
5.1	1070
5.4	1220

Approved by:

Date:

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

Stage Discharge Table No: 7.00 10/30/2013 6:44

period of use: 1997-01-01 00:00:00 to 1997-12-31 23:59:00.

remarks:

date created: 1998-03-04

GH	Discharge
0.8	64.5
0.9	73.4
1	82.8
1.1	93
1.2	104
1.3	115
1.4	127
1.5	140
1.6	153
1.7	167
1.8	182
1.9	197
2	213
2.1	230
2.2	247
2.3	265
2.4	284
2.5	304
2.6	324
2.7	345
2.8	367
2.9	389
3	412
3.1	436
3.2	460
3.5	538
3.7	594
3.8	623
3.9	653
4.1	715
4.2	747
4.4	813
4.6	883
4.8	955
5	1031
5.1	1070
5.4	1190

Approved by:

Date:

Station no: 08JC002 NECHAKO RIVER AT ISLE PIERRE

Stage Discharge Table No: 8.00

10/30/2013 6:44

period of u open ended

remarks:

date created: 1999-02-17

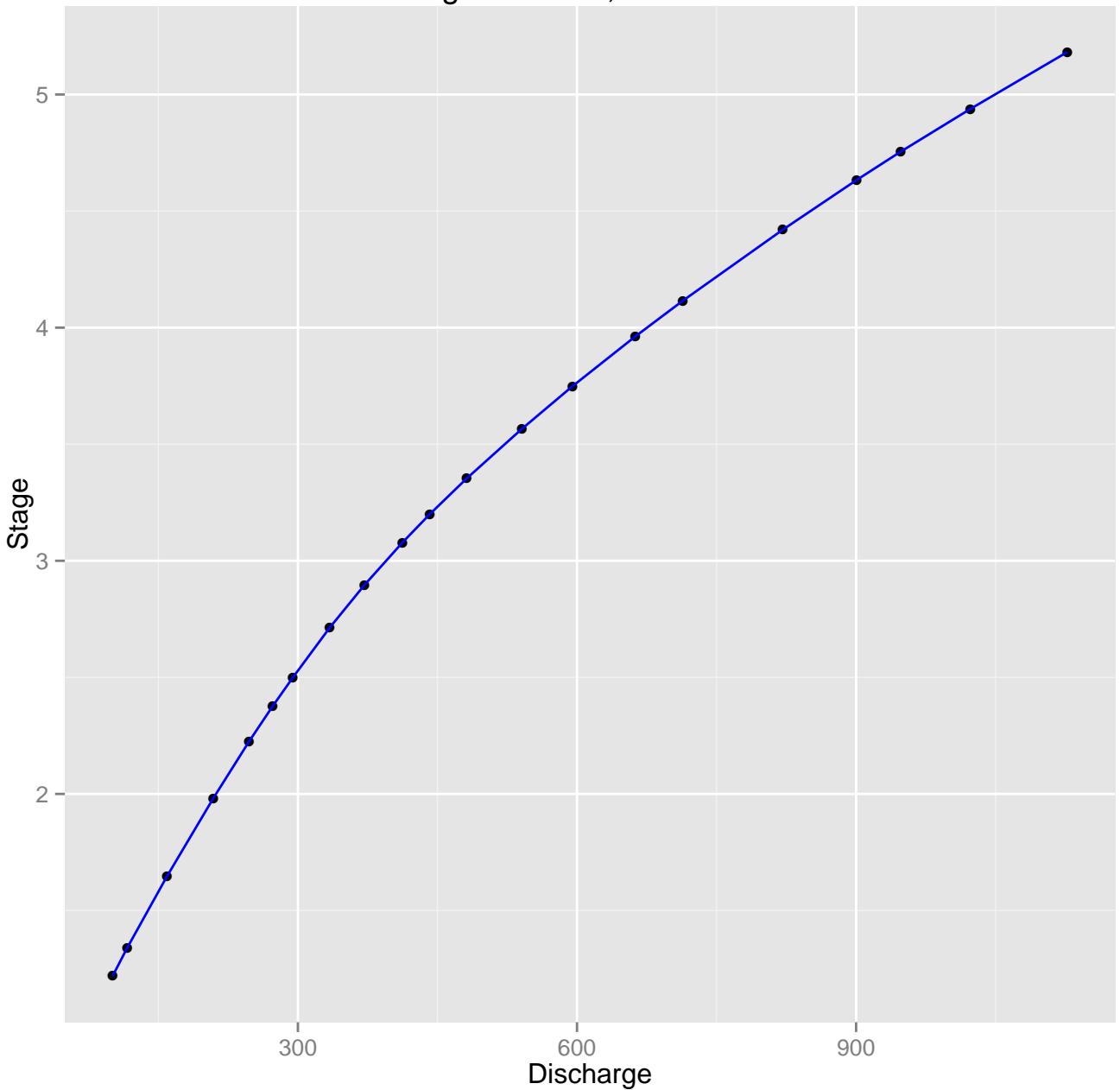
GH	Discharge
0.8	77.3
0.9	83.5
1	91
1.1	99
1.2	108
1.3	118
1.4	129
1.5	140
1.6	153
1.7	167
1.8	182
1.9	197
2	213
2.1	230
2.2	247
2.3	265
2.4	284
2.5	304
2.6	324
2.7	345
2.8	367
2.9	389
3	412
3.1	436
3.2	460
3.5	538
3.7	594
3.8	623
3.9	653
4.1	715
4.2	747
4.4	813
4.6	883
4.8	955
5	1031
5.1	1070
5.4	1190

Approved by:

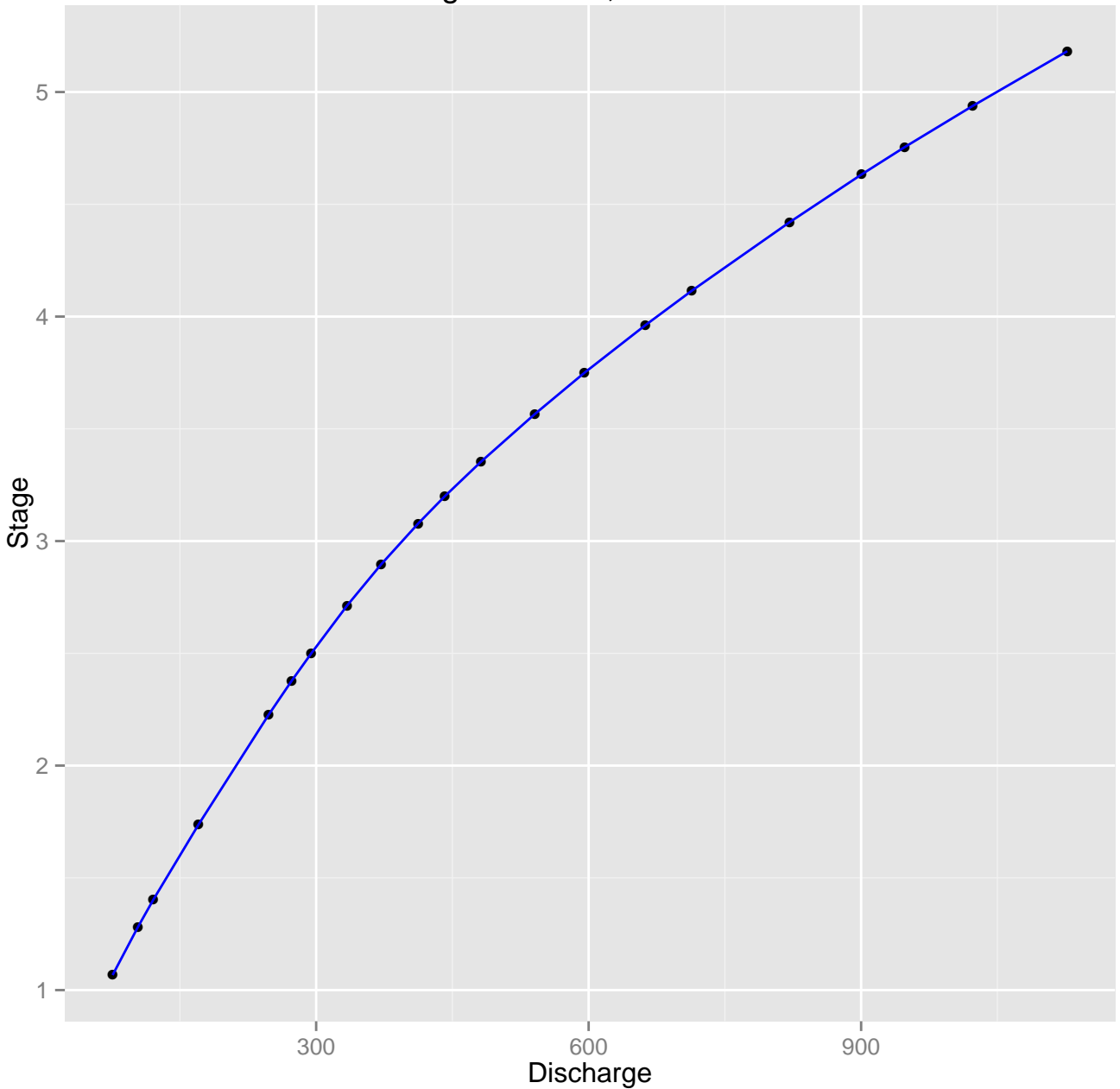
Date:

7. WSC Rating Curves

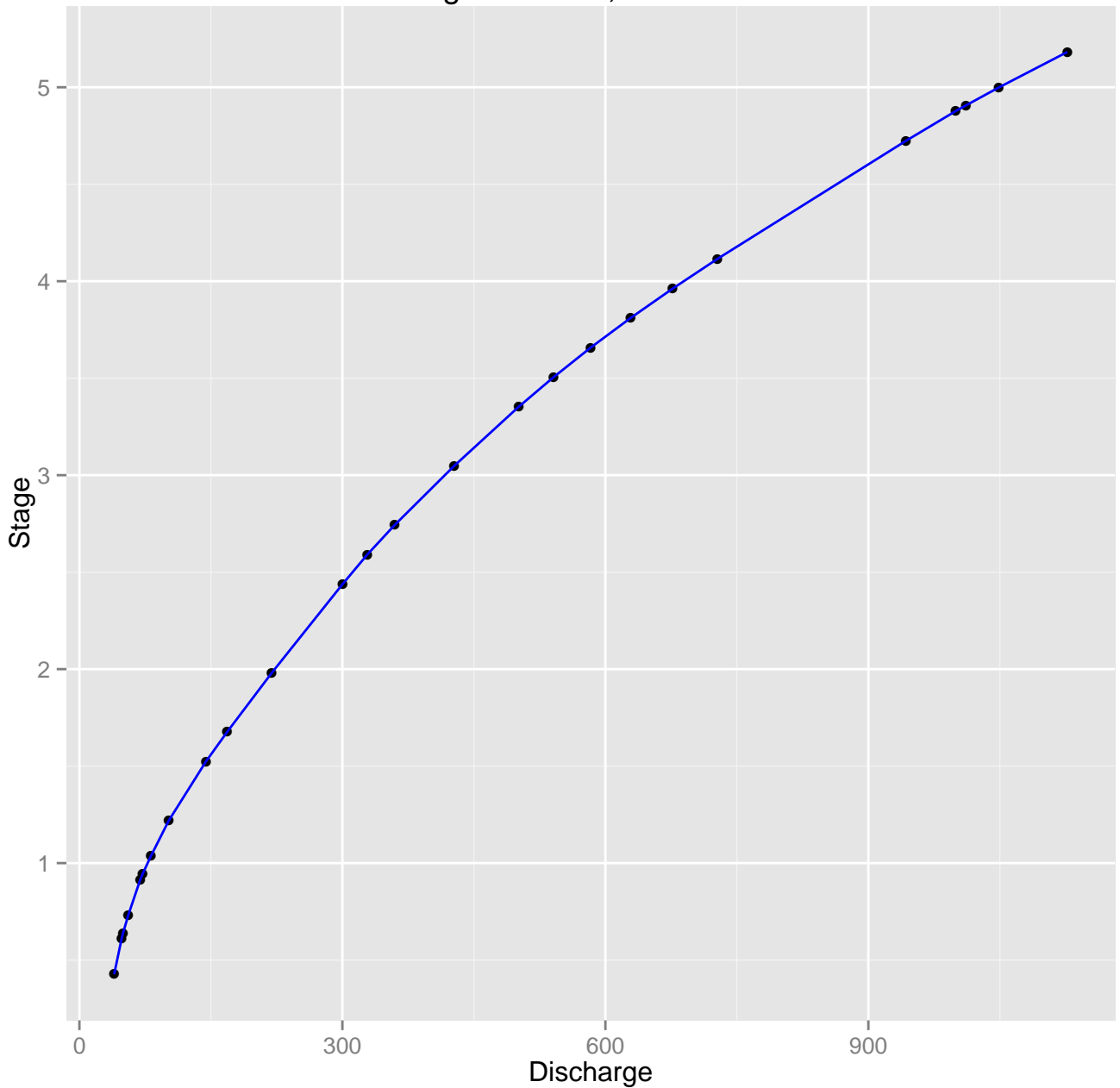
Rating: 08JC002; Table No: .94



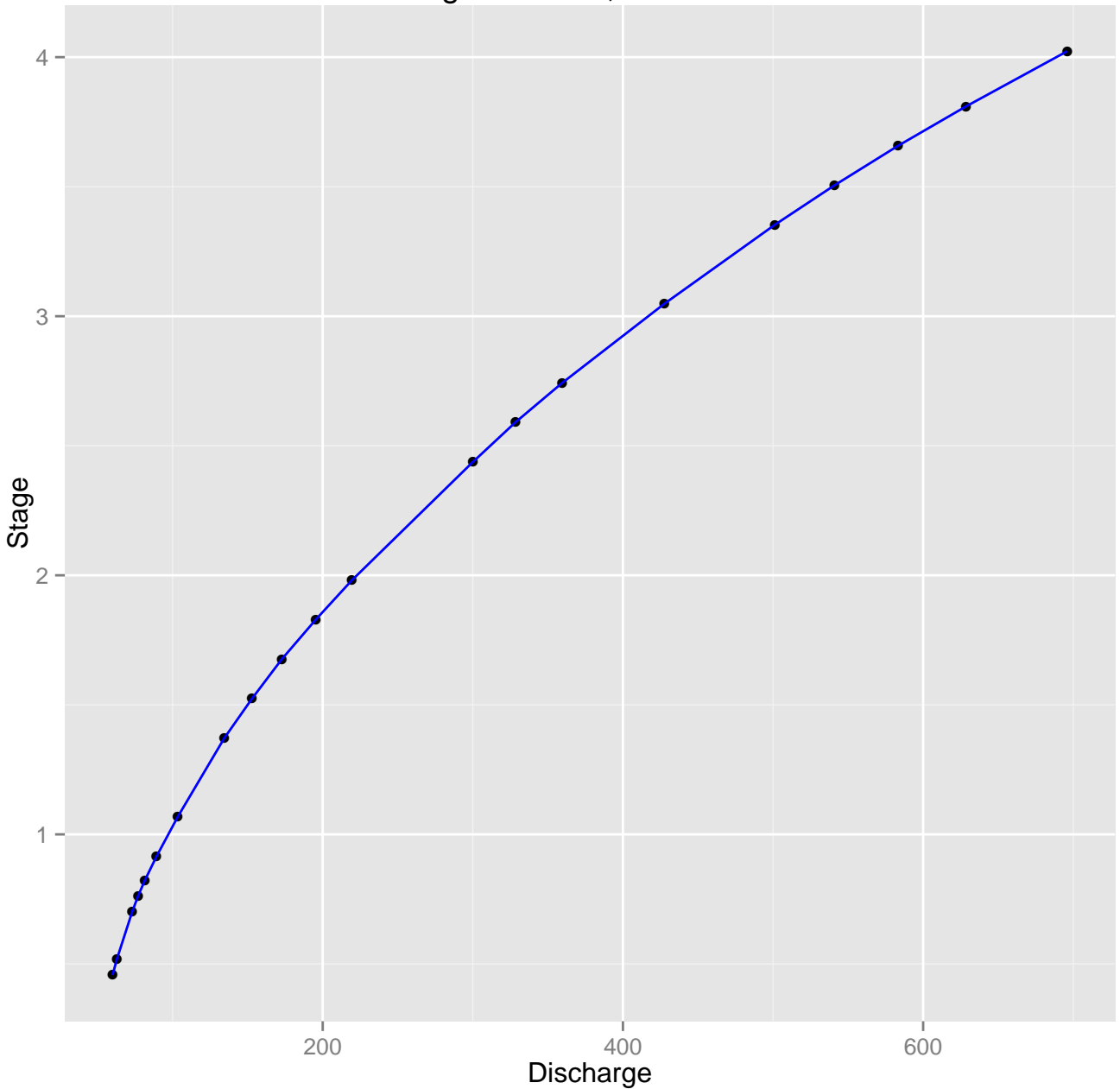
Rating: 08JC002; Table No: .95



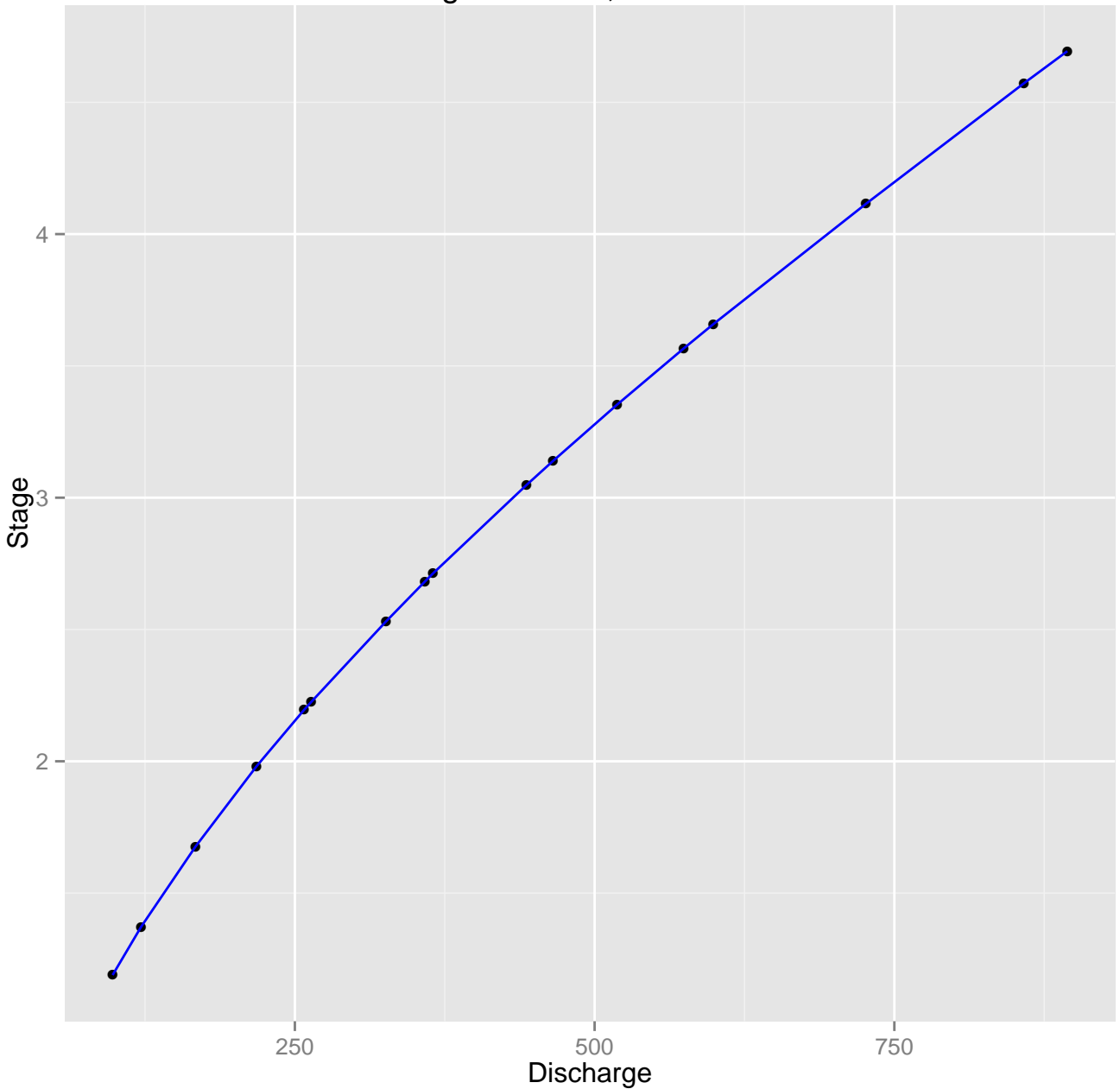
Rating: 08JC002; Table No: .96



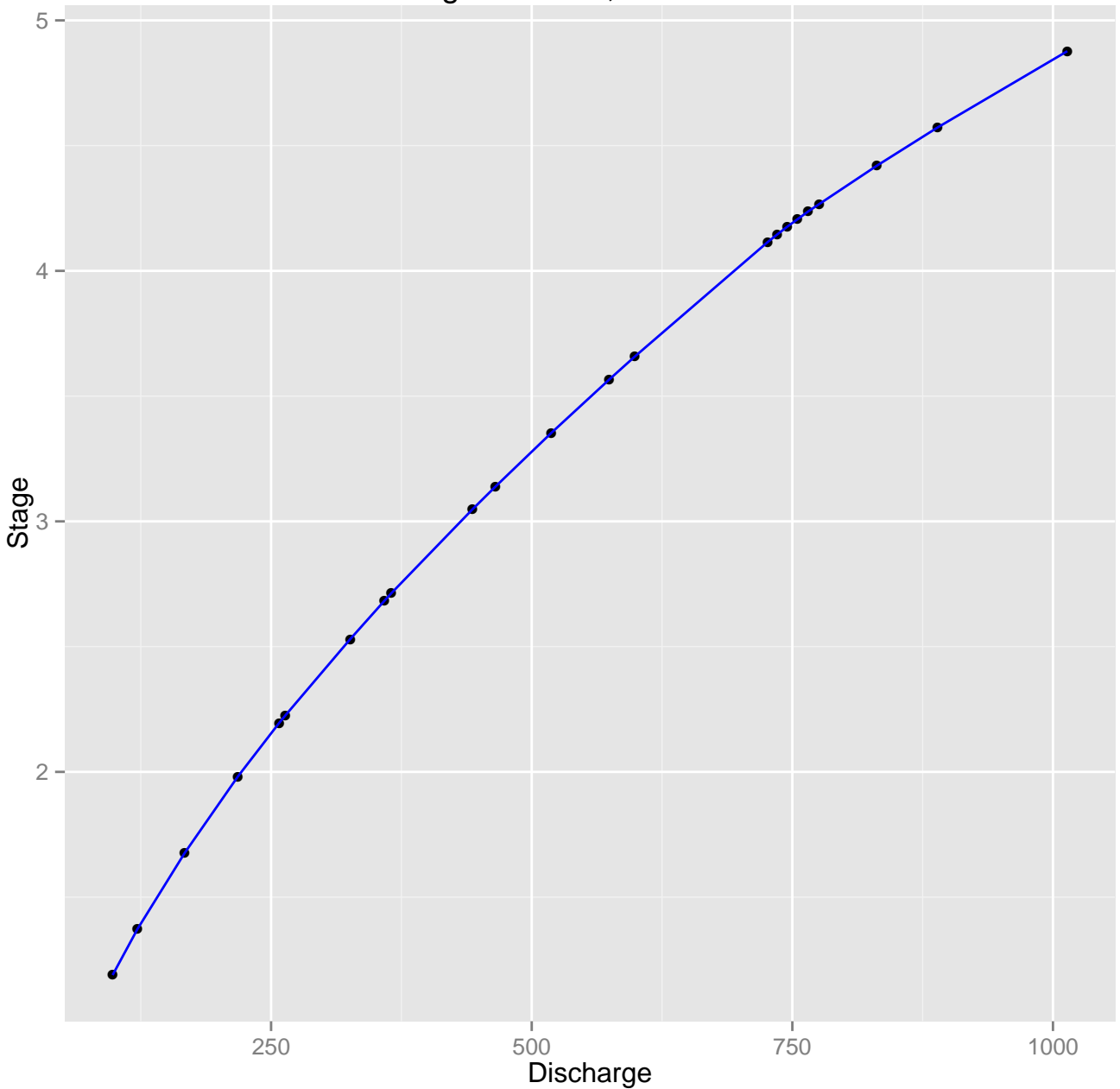
Rating: 08JC002; Table No: .97



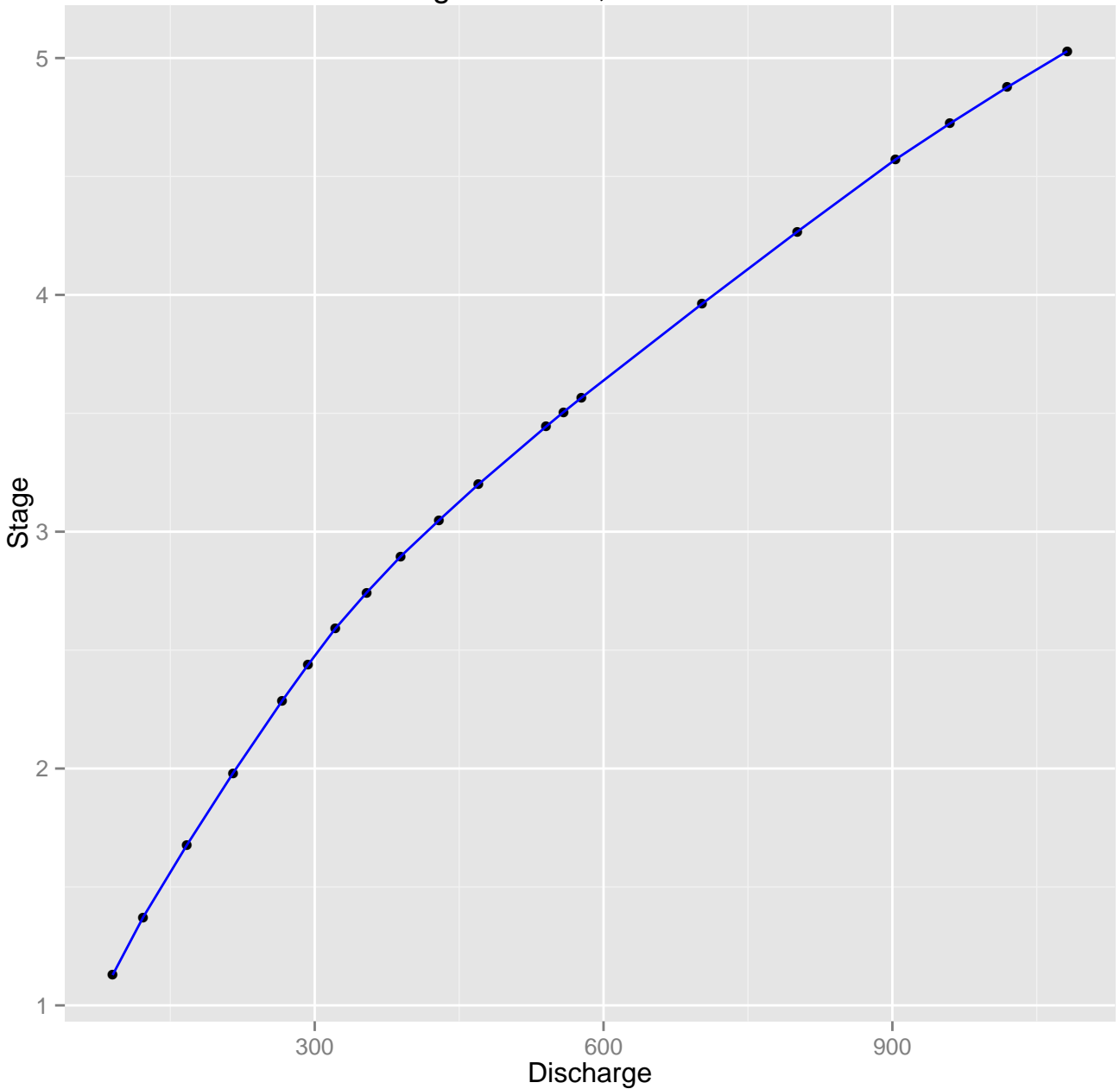
Rating: 08JC002; Table No: .98



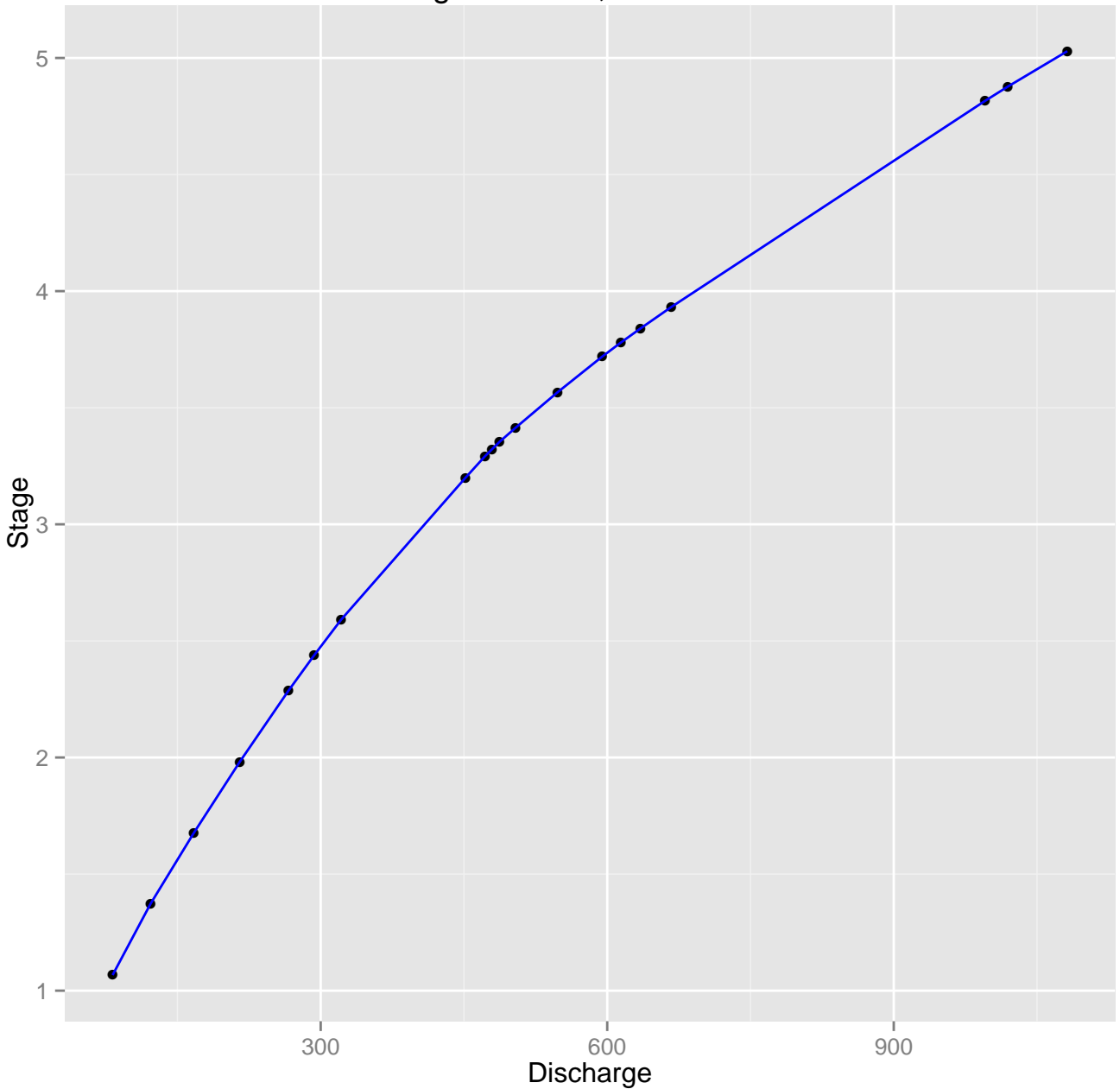
Rating: 08JC002; Table No: .99



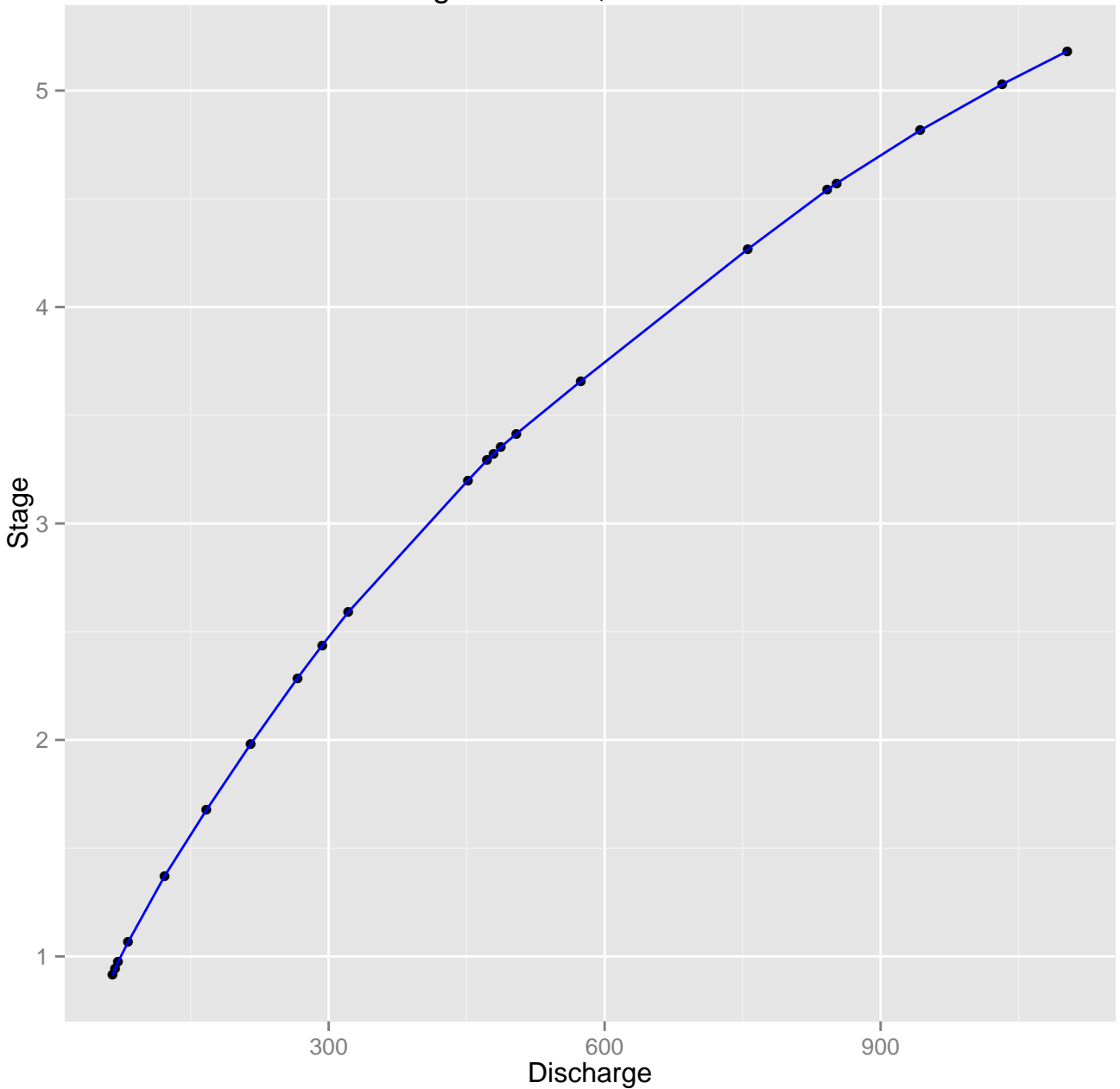
Rating: 08JC002; Table No: 1.00



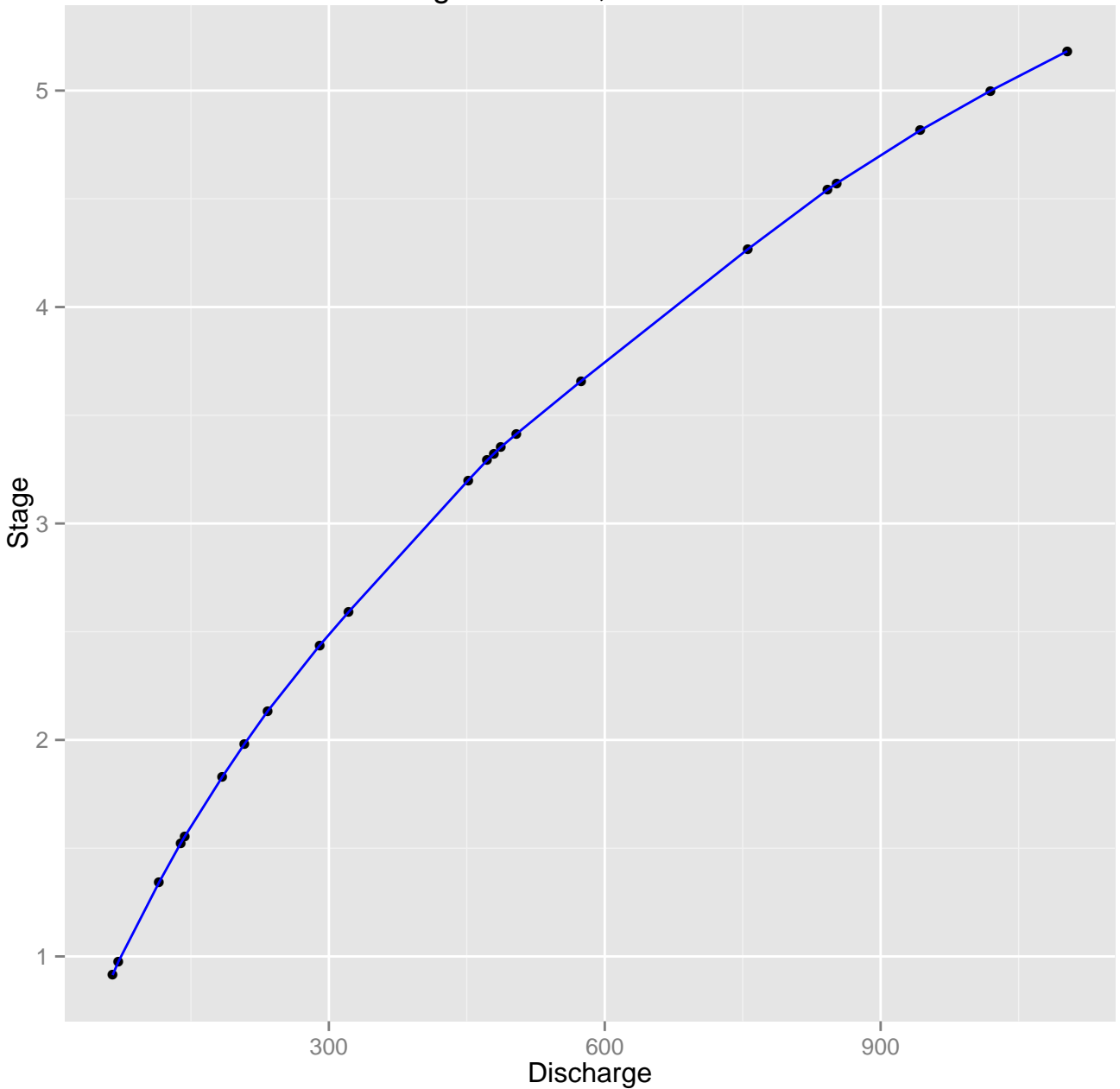
Rating: 08JC002; Table No: 2.00



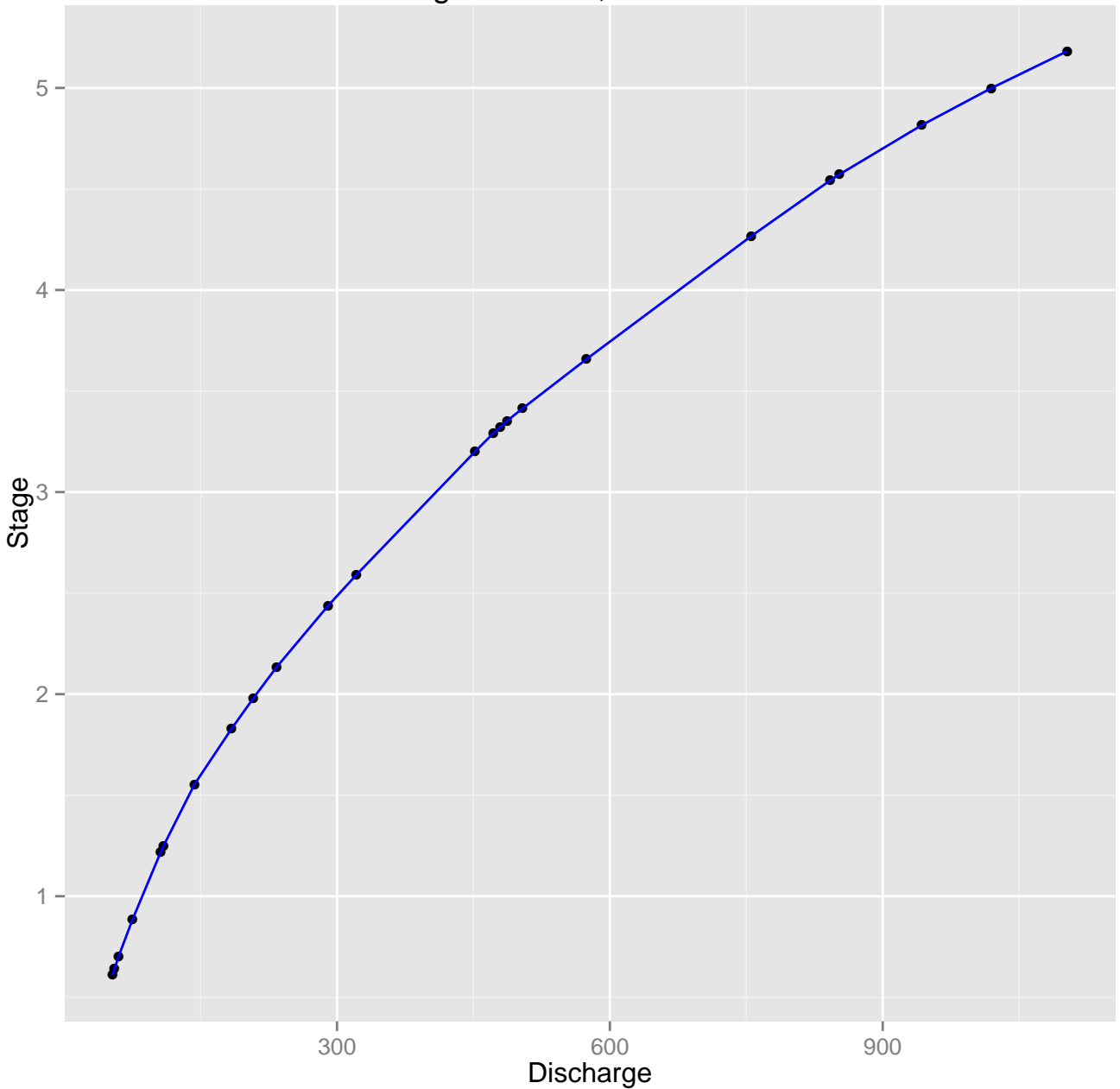
Rating: 08JC002; Table No: 3.00



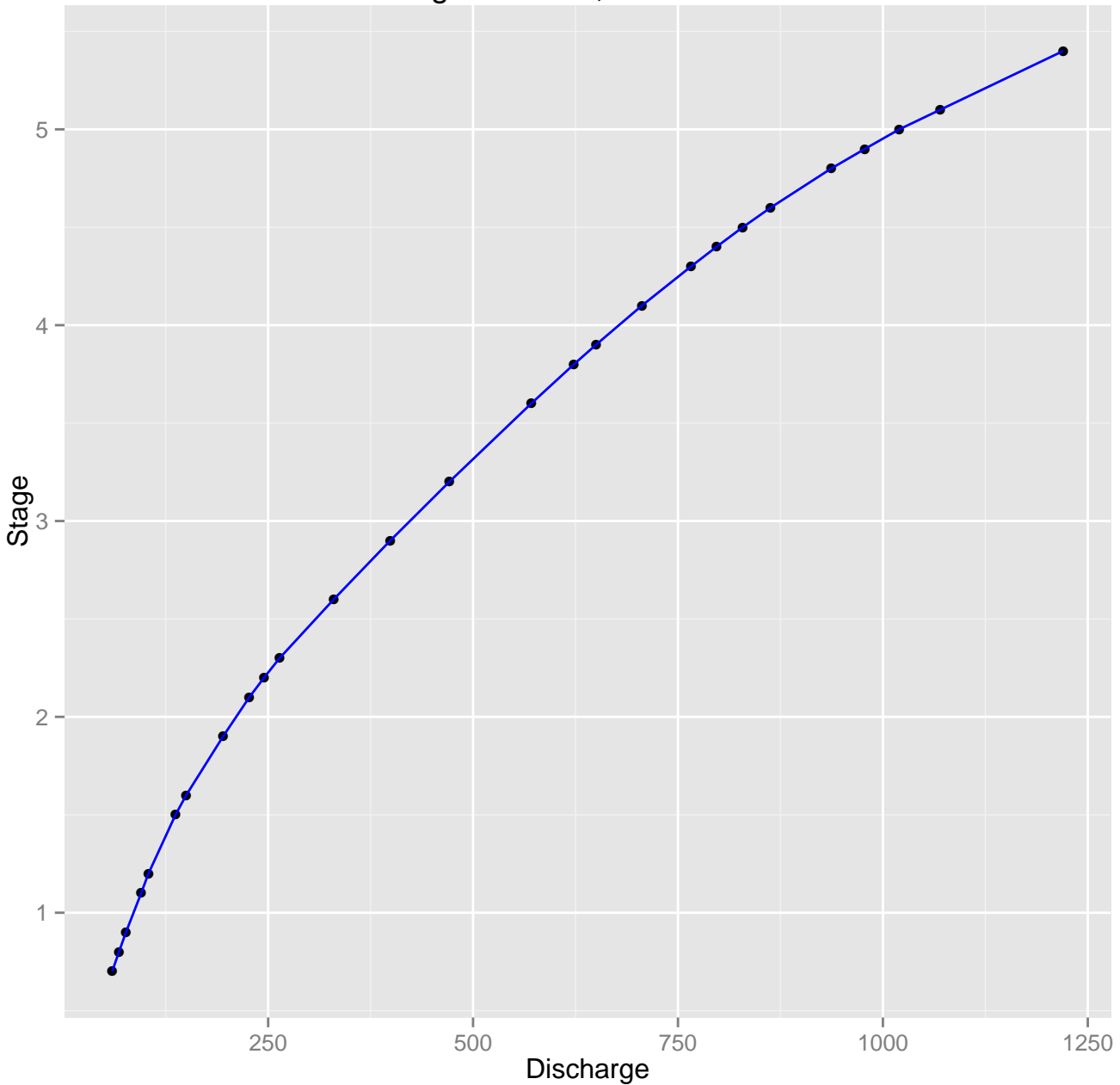
Rating: 08JC002; Table No: 4.00



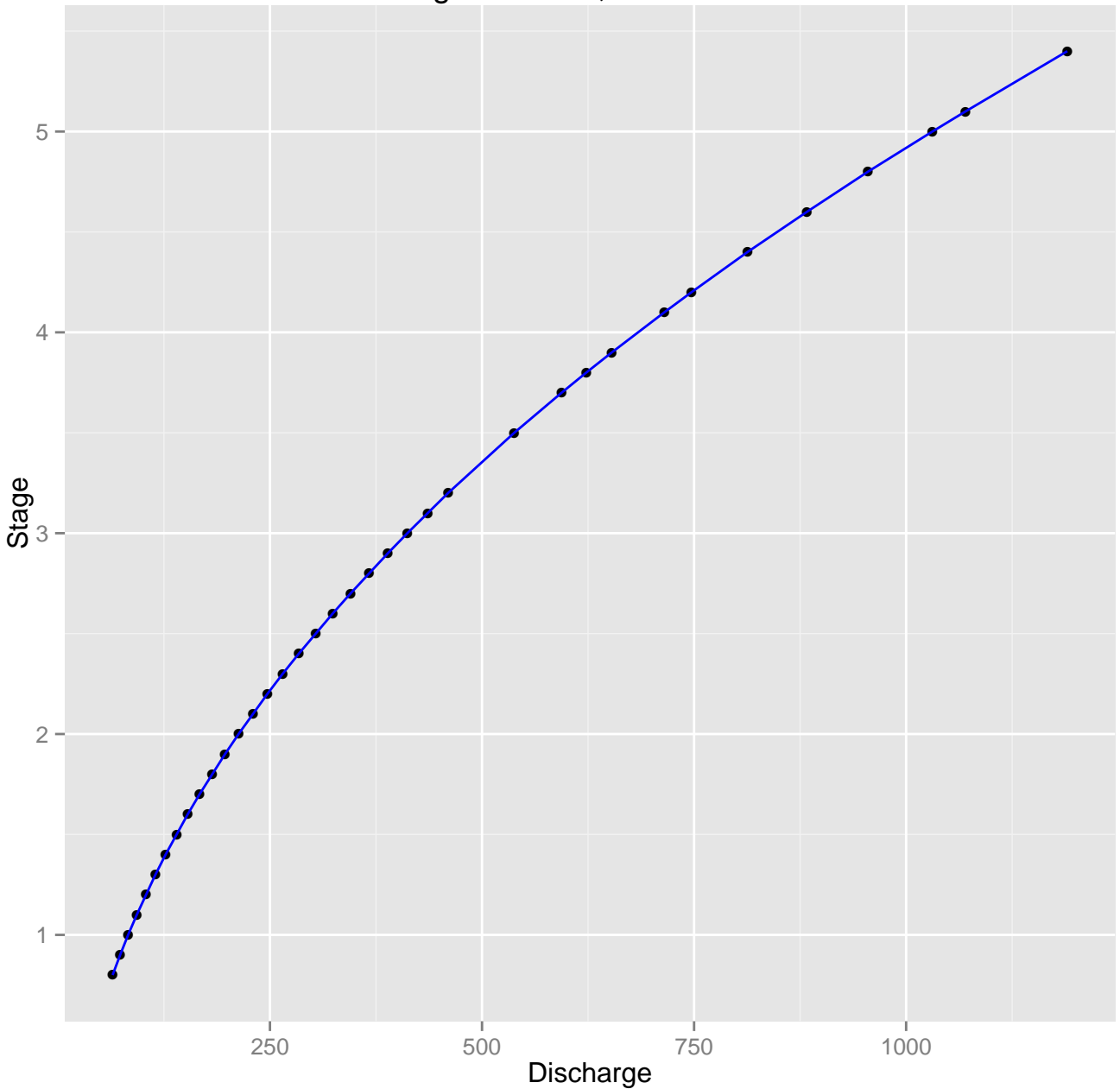
Rating: 08JC002; Table No: 5.00



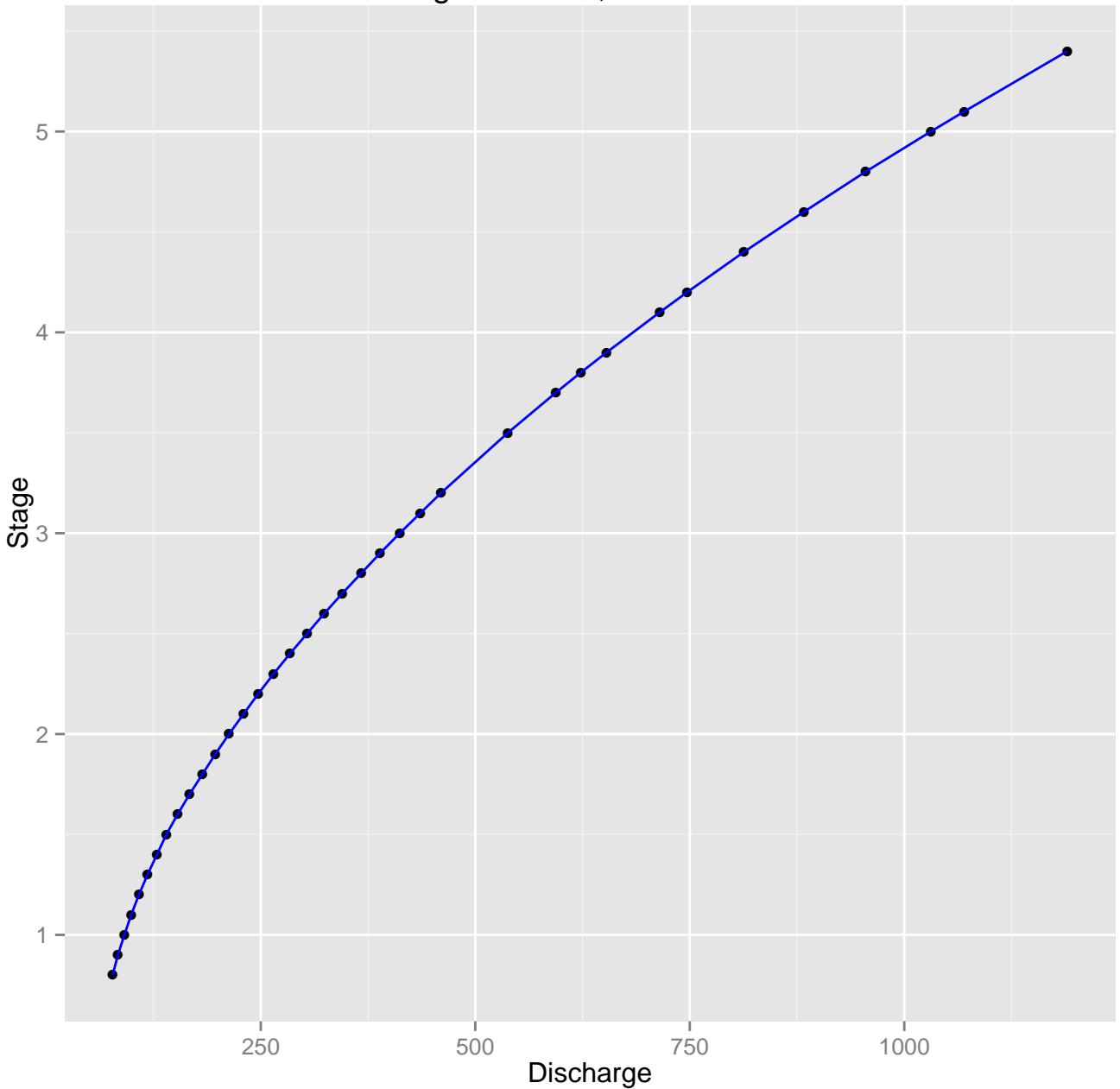
Rating: 08JC002; Table No: 6.00



Rating: 08JC002; Table No: 7.00



Rating: 08JC002; Table No: 8.00



**8. Re-analyzed Rating Curves With
Best Fit Regression Equation**

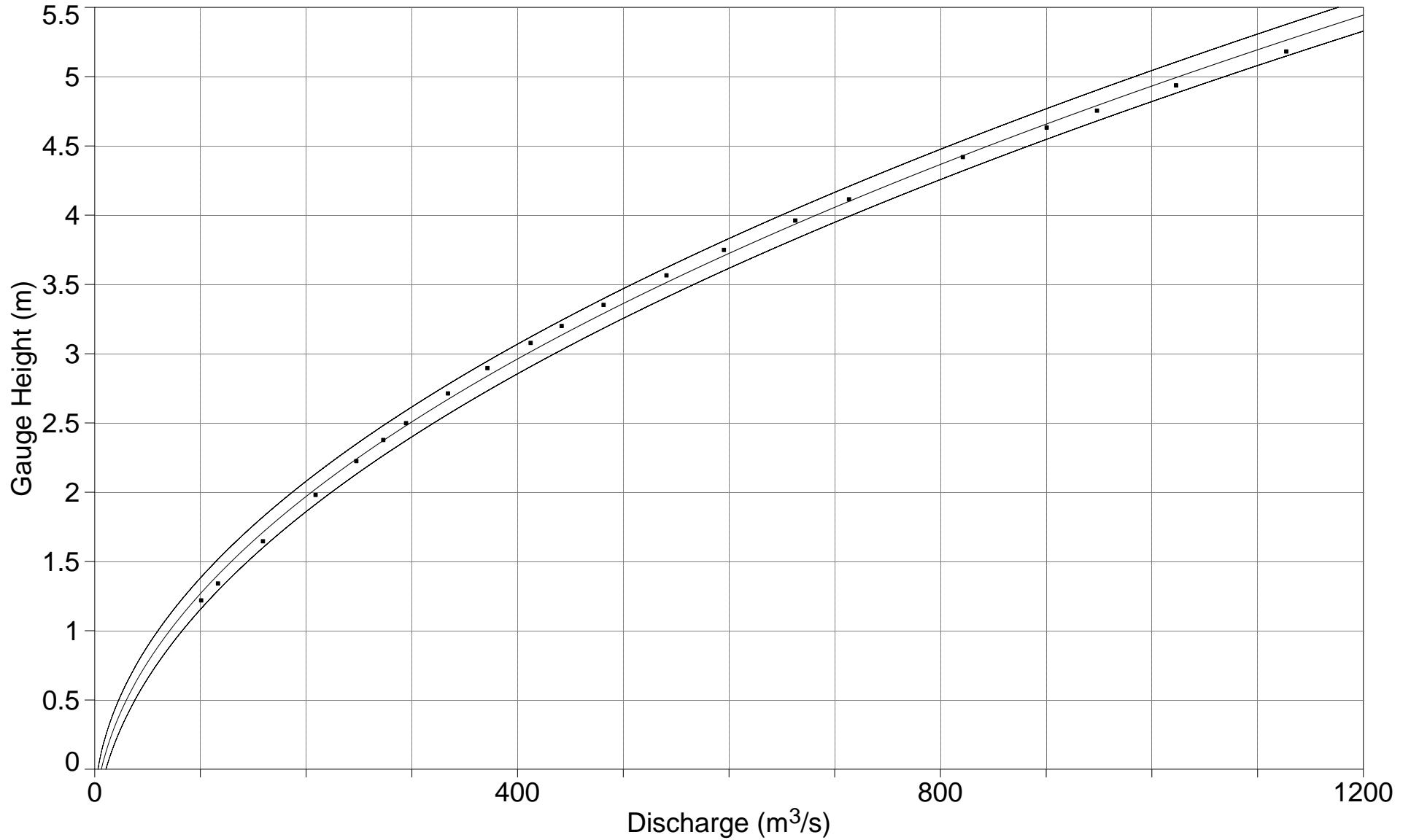
NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #0.94

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.9983373$ DF Adj $r^2=0.99815256$ FitStdErr=0.049949586 Fstat=11408.218

$a=-0.42819057$

$b=0.16952718$



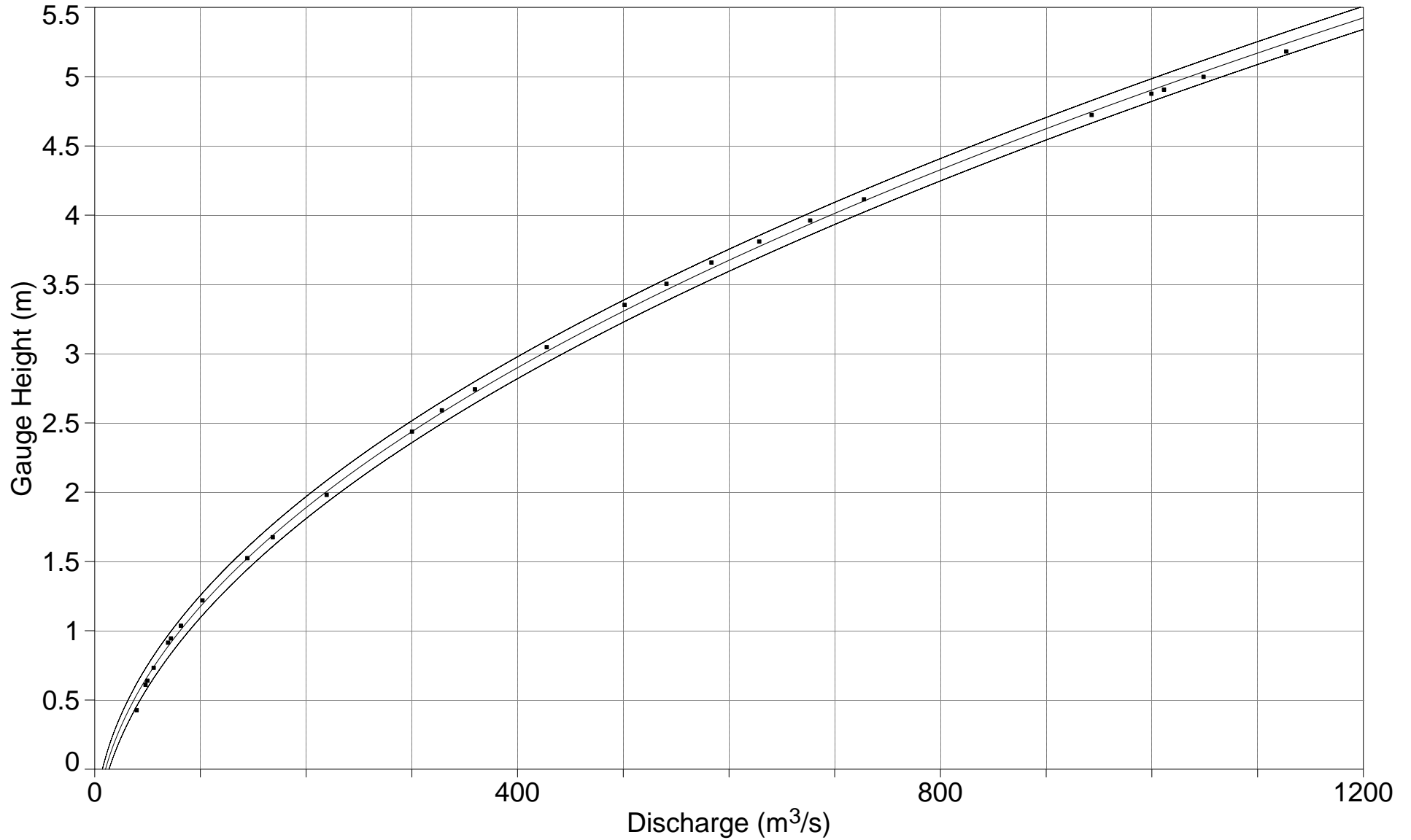
NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #0.96

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99947065$ DF Adj $r^2=0.99942462$ FitStdErr=0.037569297 Fstat=45315.017

$a=-0.55057092$

$b=0.17249656$



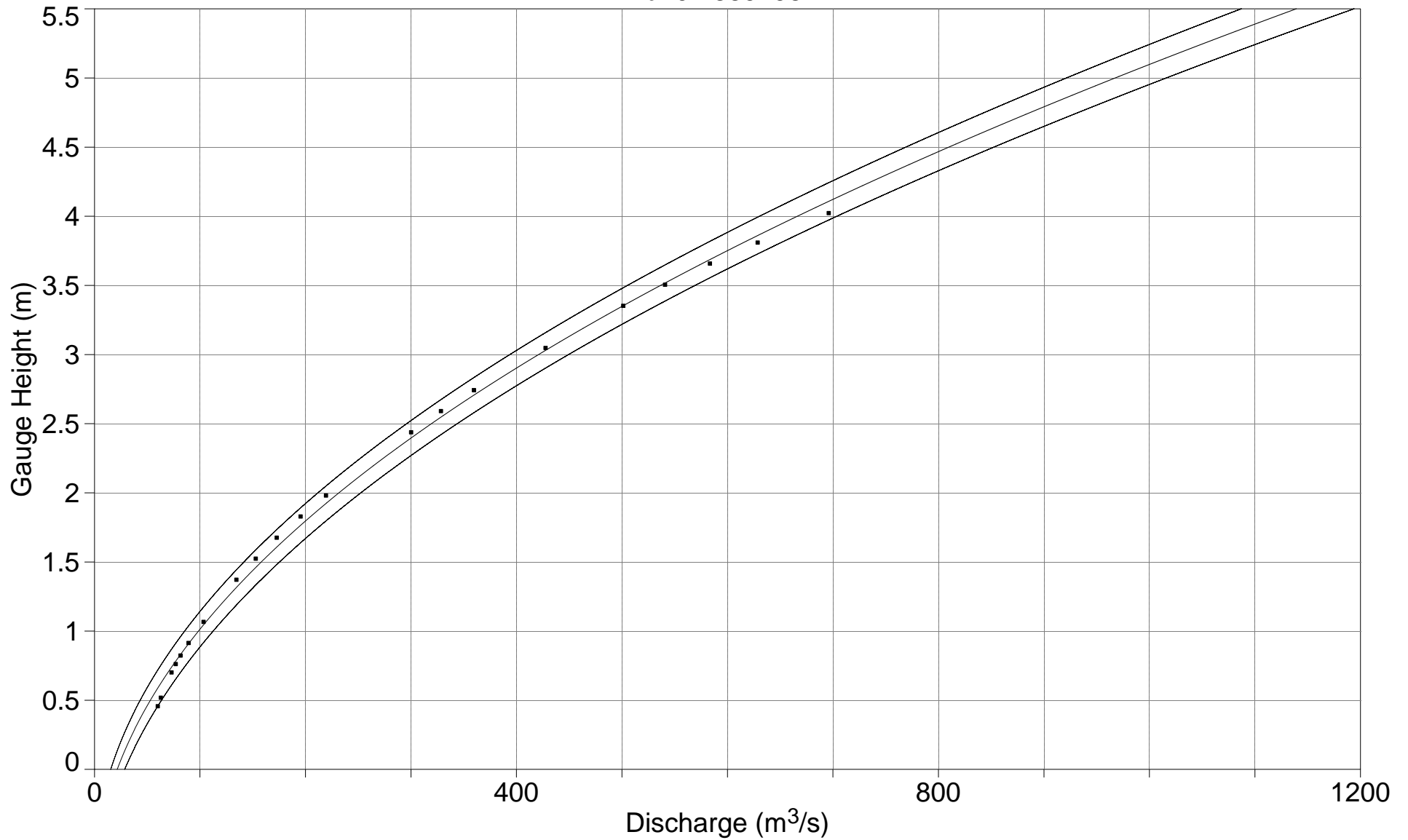
NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #0.97

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99767676$ DF Adj $r^2=0.99741862$ FitStdErr=0.058890405 Fstat=8159.2229

$a=-0.87609272$

$b=0.1889293$



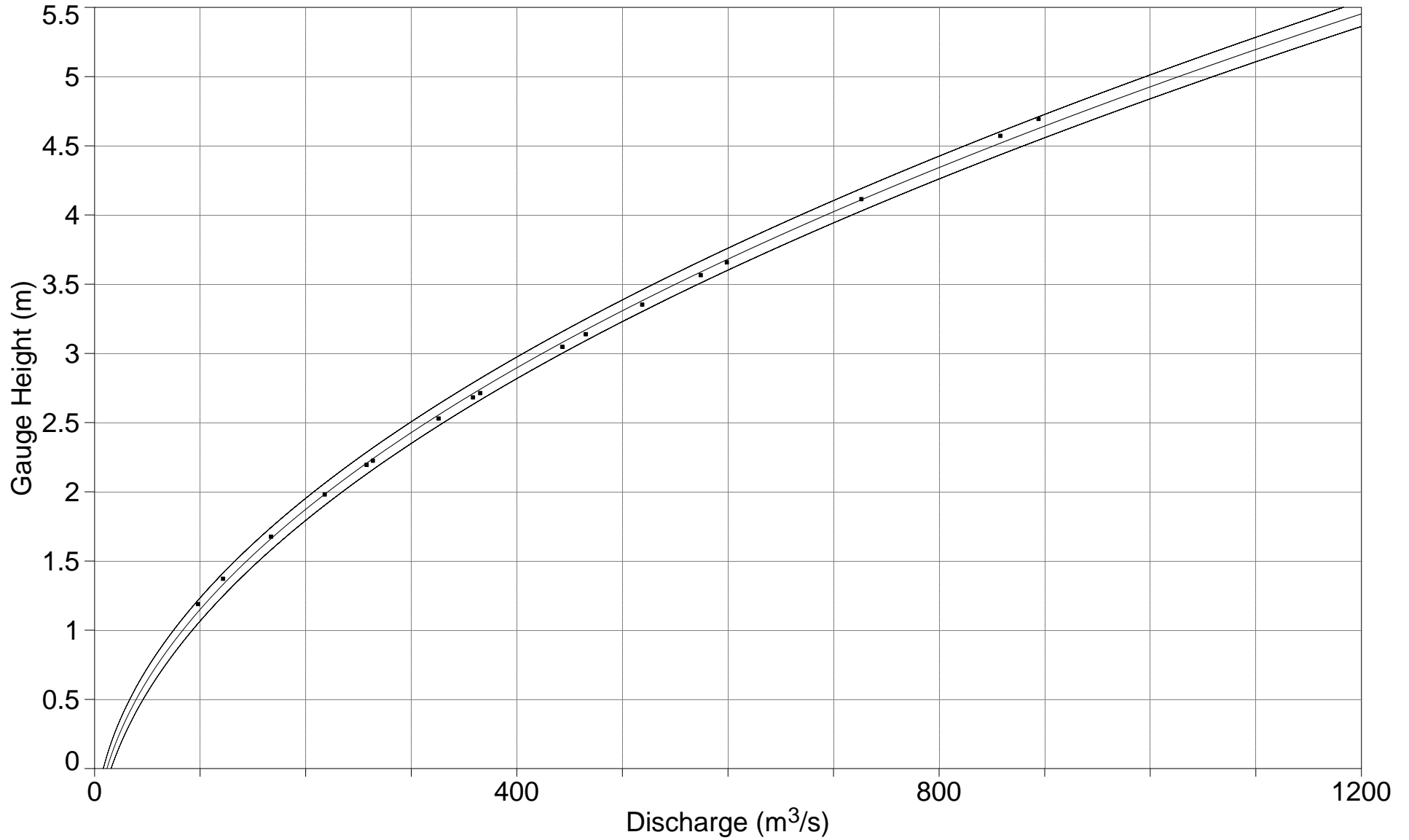
NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #0.98

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99891996$ DF Adj $r^2=0.99876567$ FitStdErr=0.035546917 Fstat=13873.335

$a=-0.59751776$

$b=0.174679$



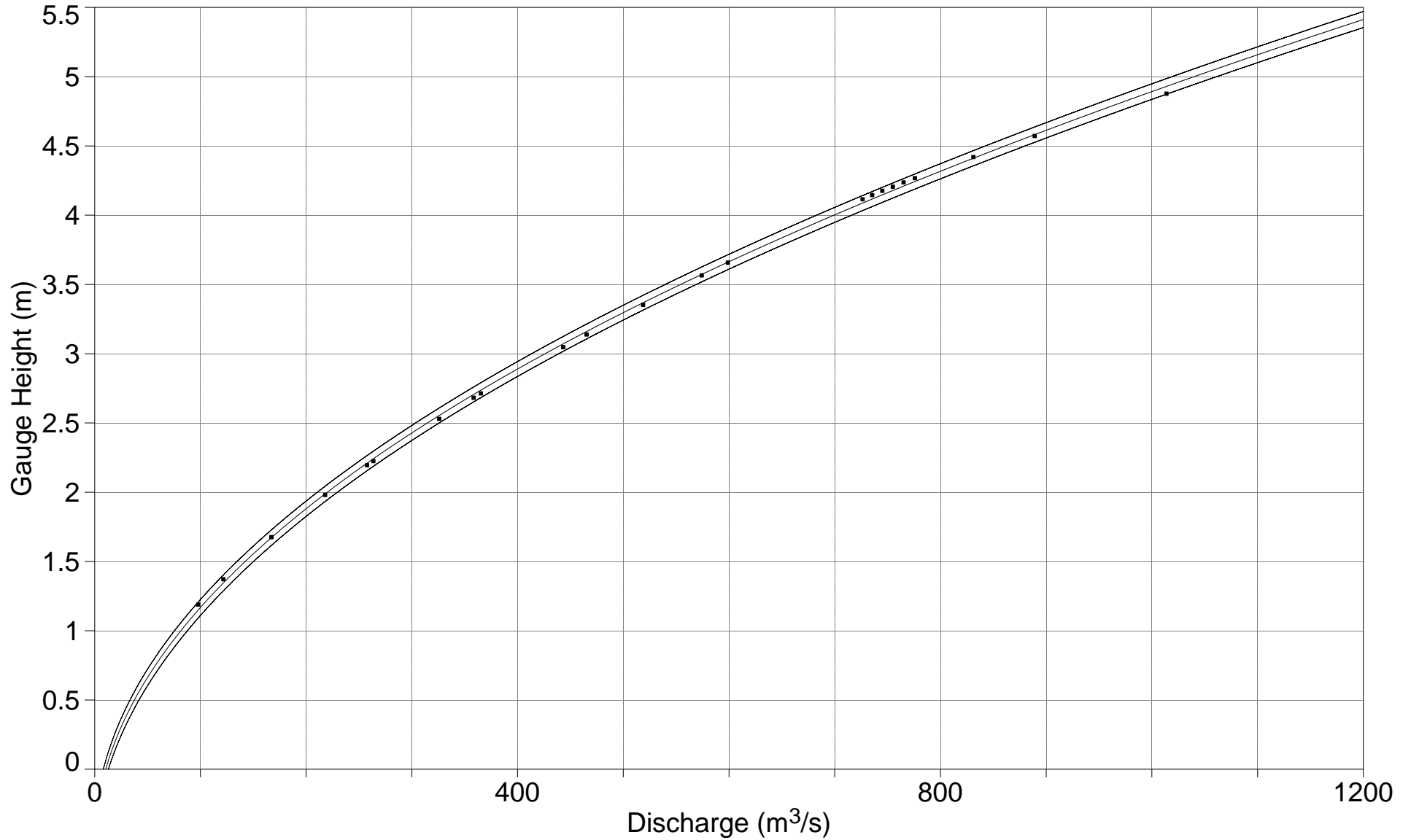
NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #0.99

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99949695$ DF Adj $r^2=0.99944664$ FitStdErr=0.025229149 Fstat=41724.041

$a=-0.55609392$

$b=0.17230345$



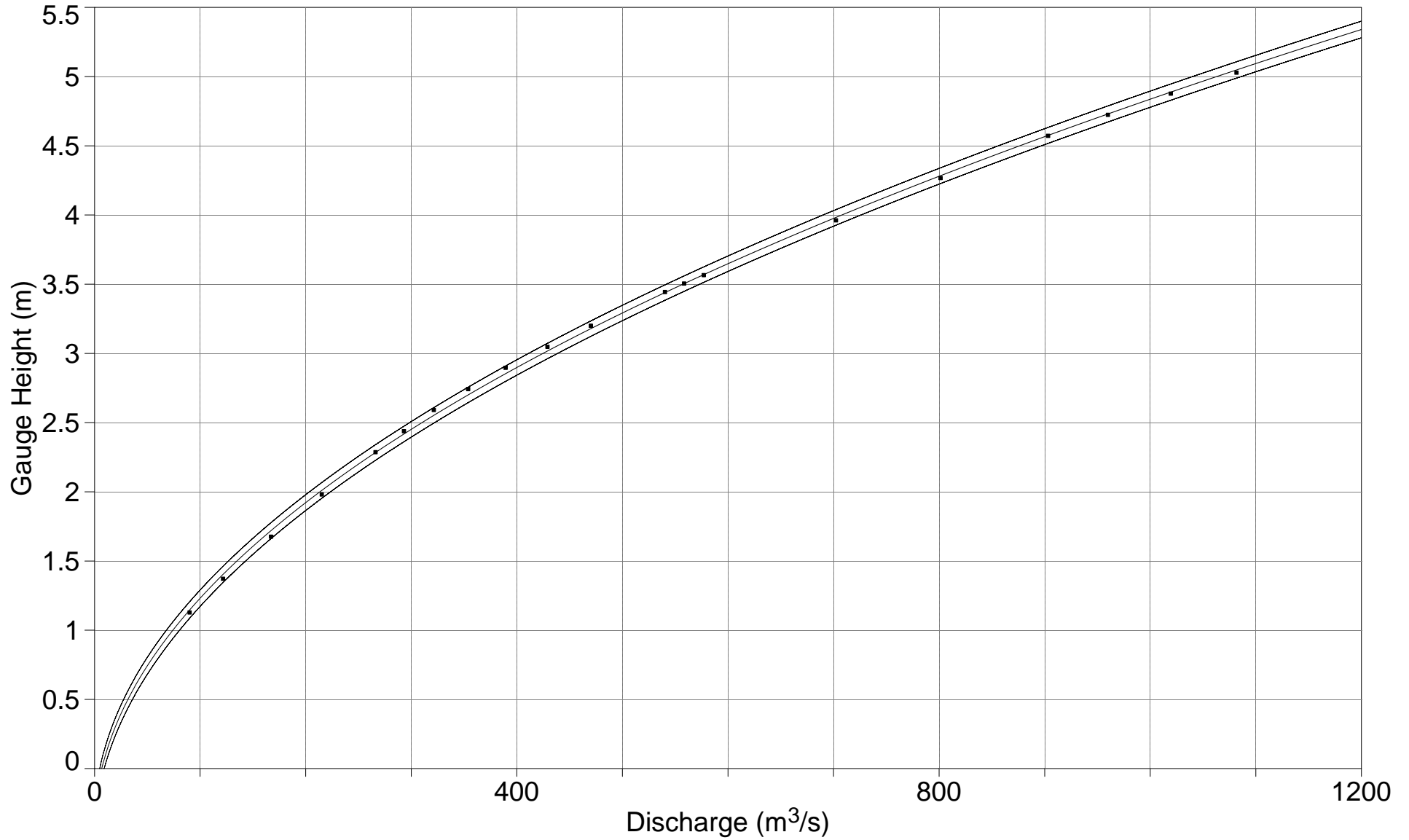
NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #1.00

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99953588$ DF Adj $r^2=0.99948127$ FitStdErr=0.025841588 Fstat=38764.723

$a=-0.43741456$

$b=0.16679647$



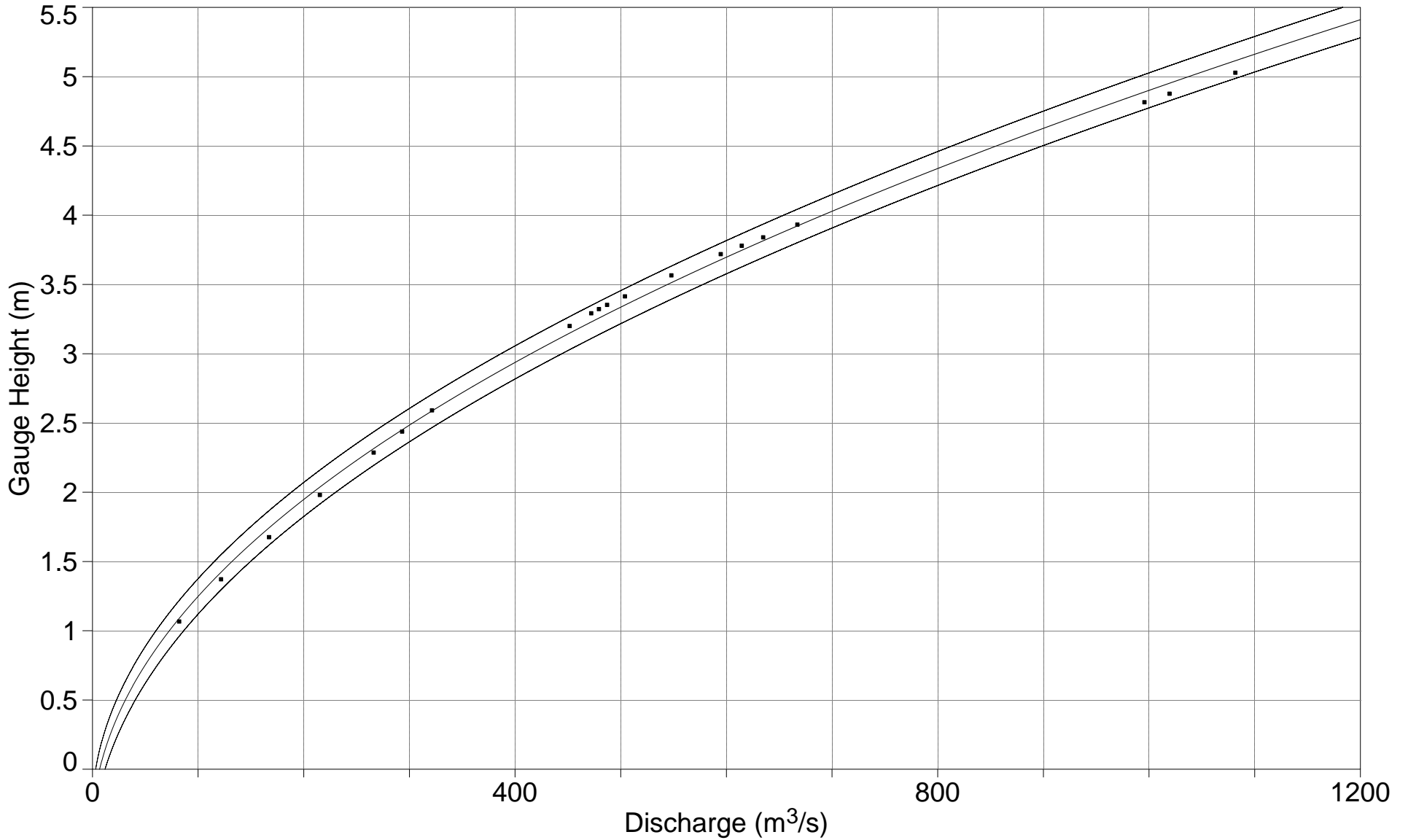
NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #2.00

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99769645$ DF Adj $r^2=0.99742544$ FitStdErr=0.055447227 Fstat=7796.0158

$a=-0.44234692$

$b=0.16898515$



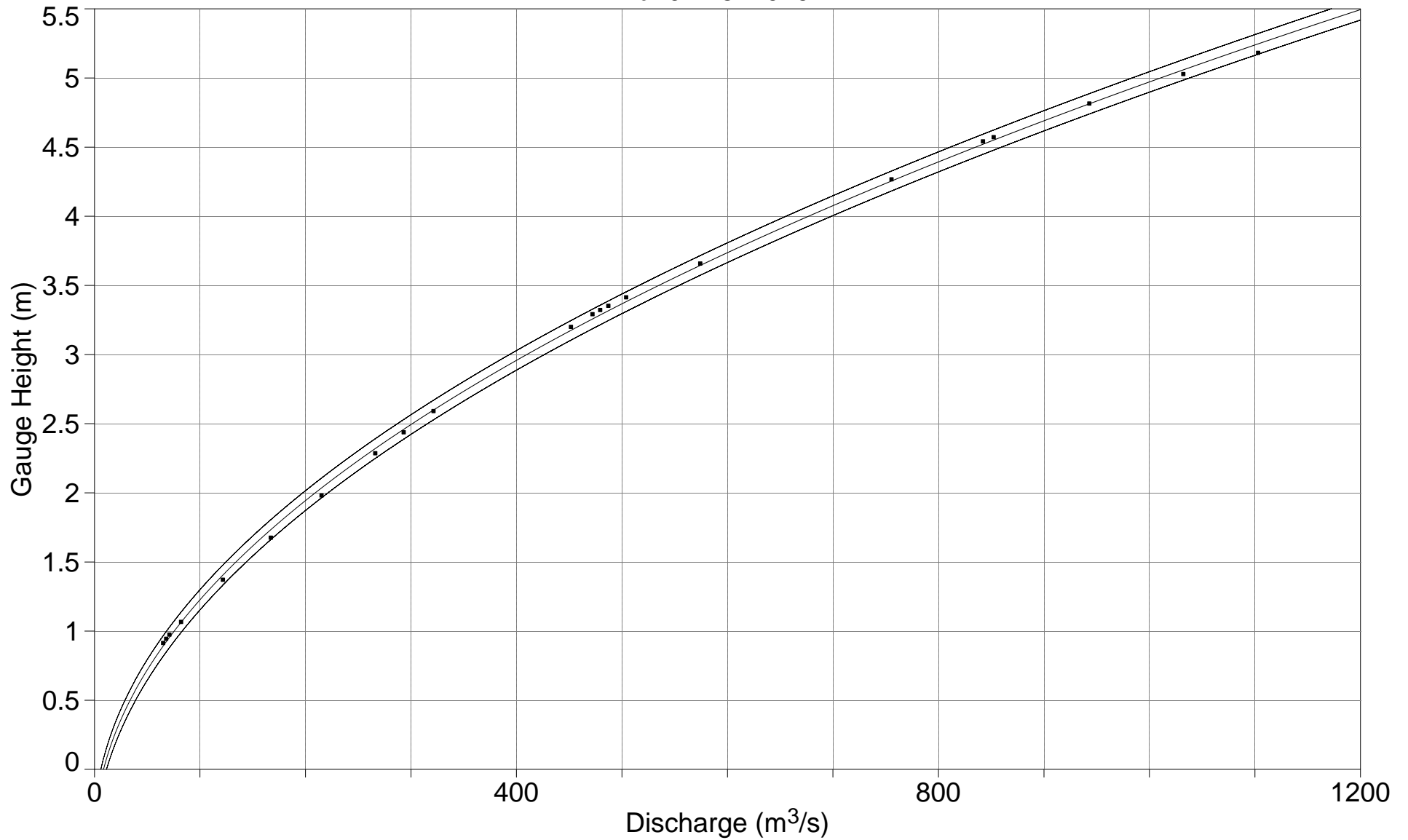
NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #3.00

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.9994796$ DF Adj $r^2=0.99942482$ FitStdErr=0.033206587 Fstat=38412.228

$a=-0.50654073$

$b=0.17324049$



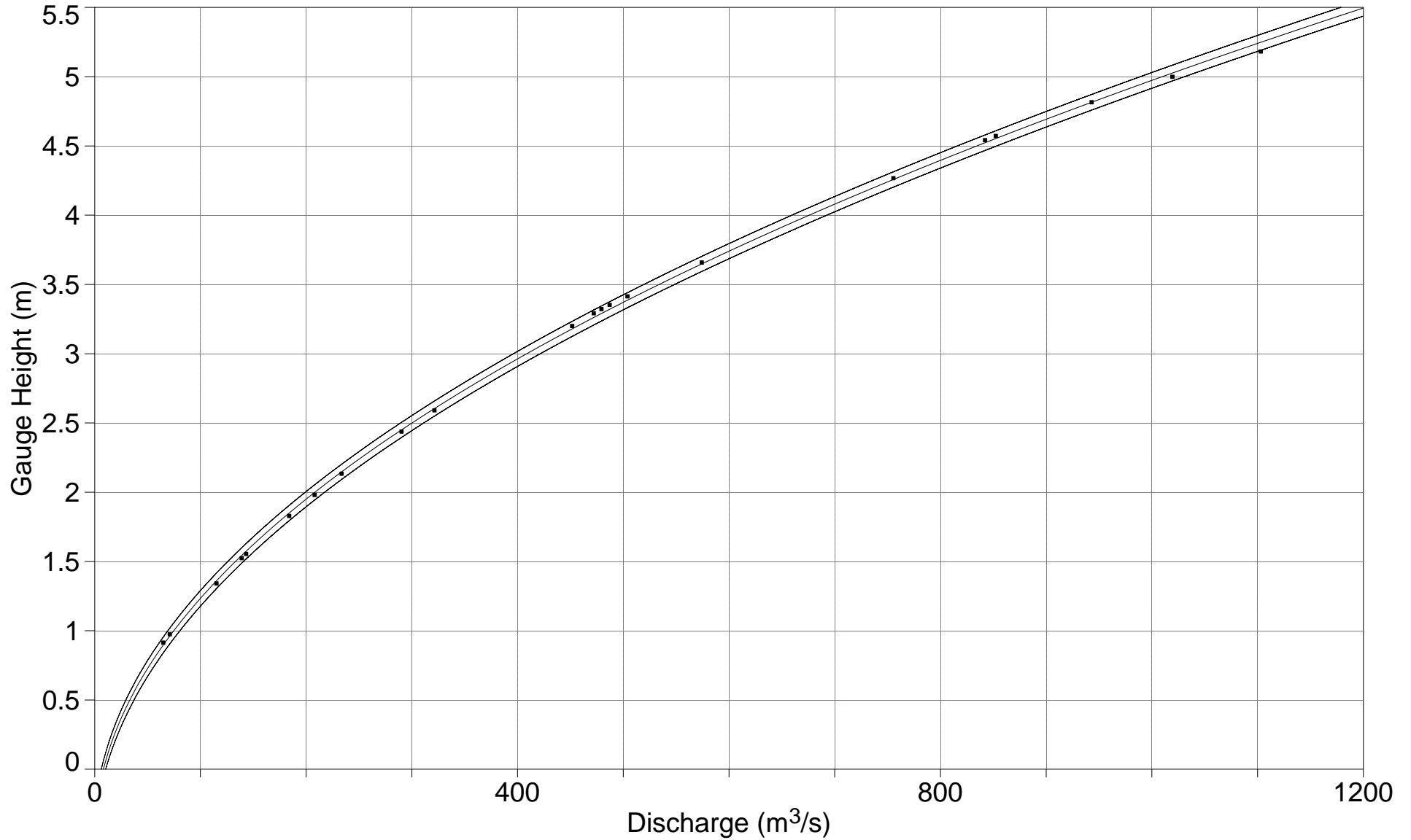
NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #4.00

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99966394$ DF Adj $r^2=0.99962857$ FitStdErr=0.025461842 Fstat=59493.833

$a=-0.49698031$

$b=0.17299407$



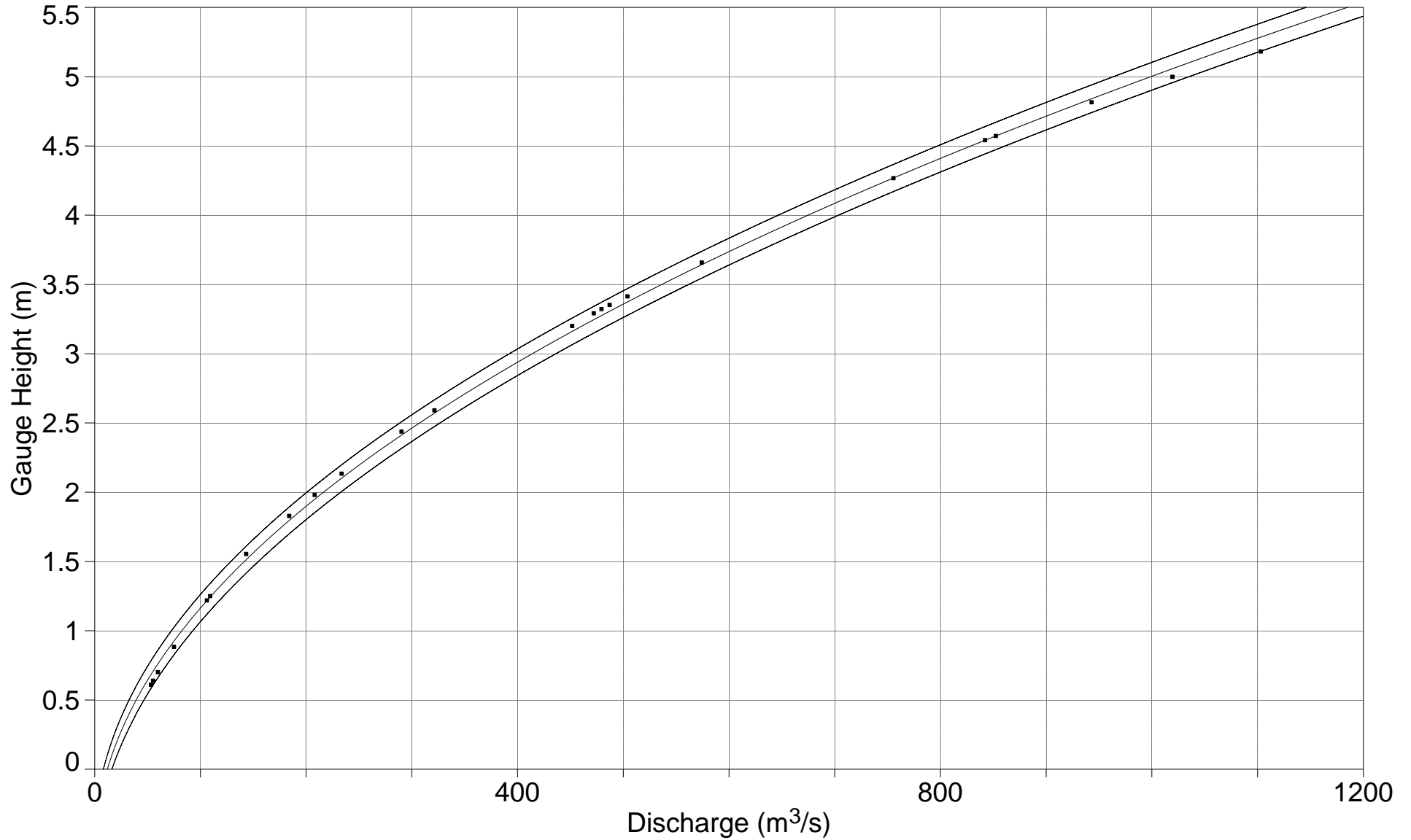
NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #5.00

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99911578$ DF Adj $r^2=0.99903157$ FitStdErr=0.045361241 Fstat=24858.608

$a=-0.61348498$

$b=0.17761951$



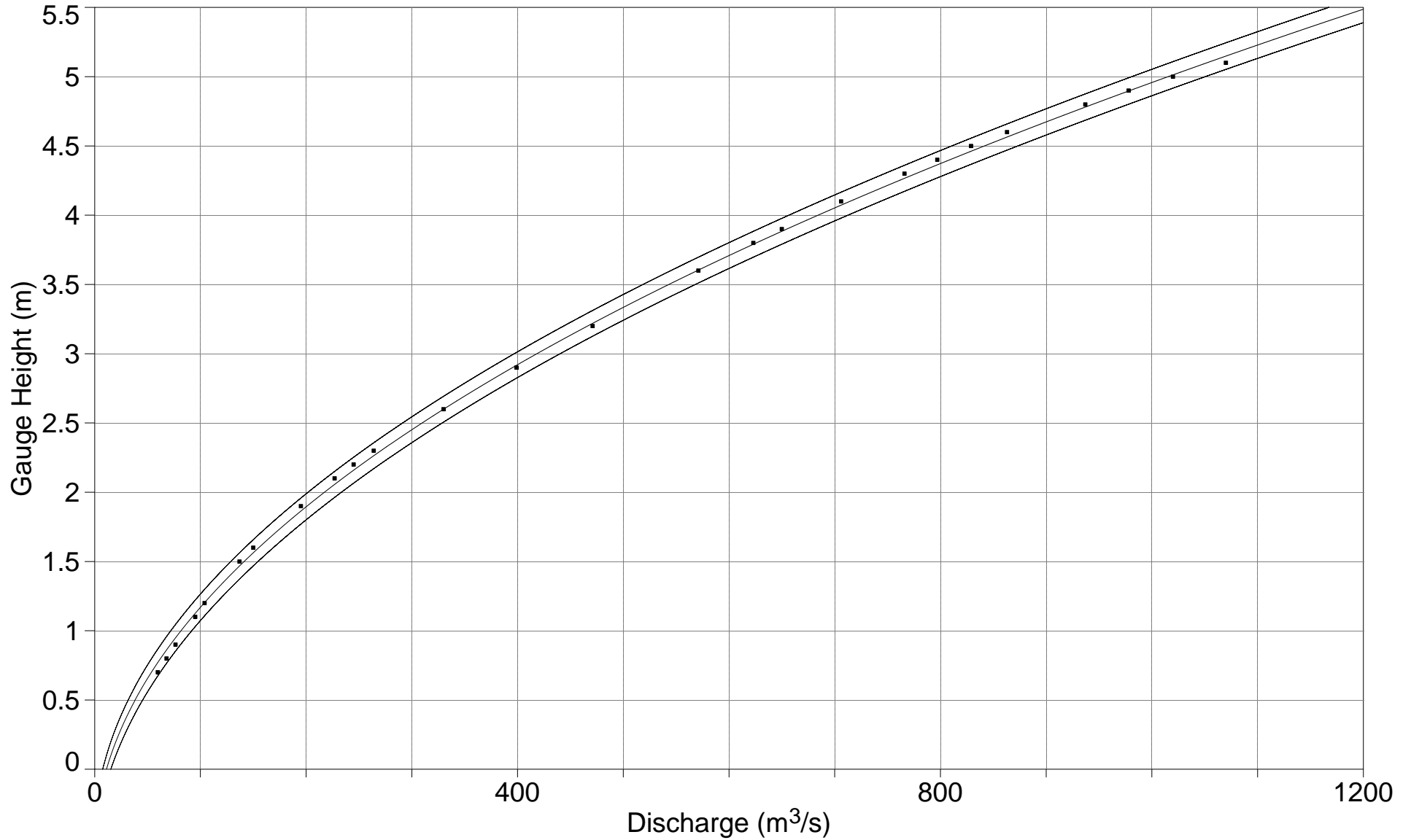
NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #6.00

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99919776$ DF Adj $r^2=0.99913091$ FitStdErr=0.044332502 Fstat=31137.907

$a=-0.58414649$

$b=0.17526045$



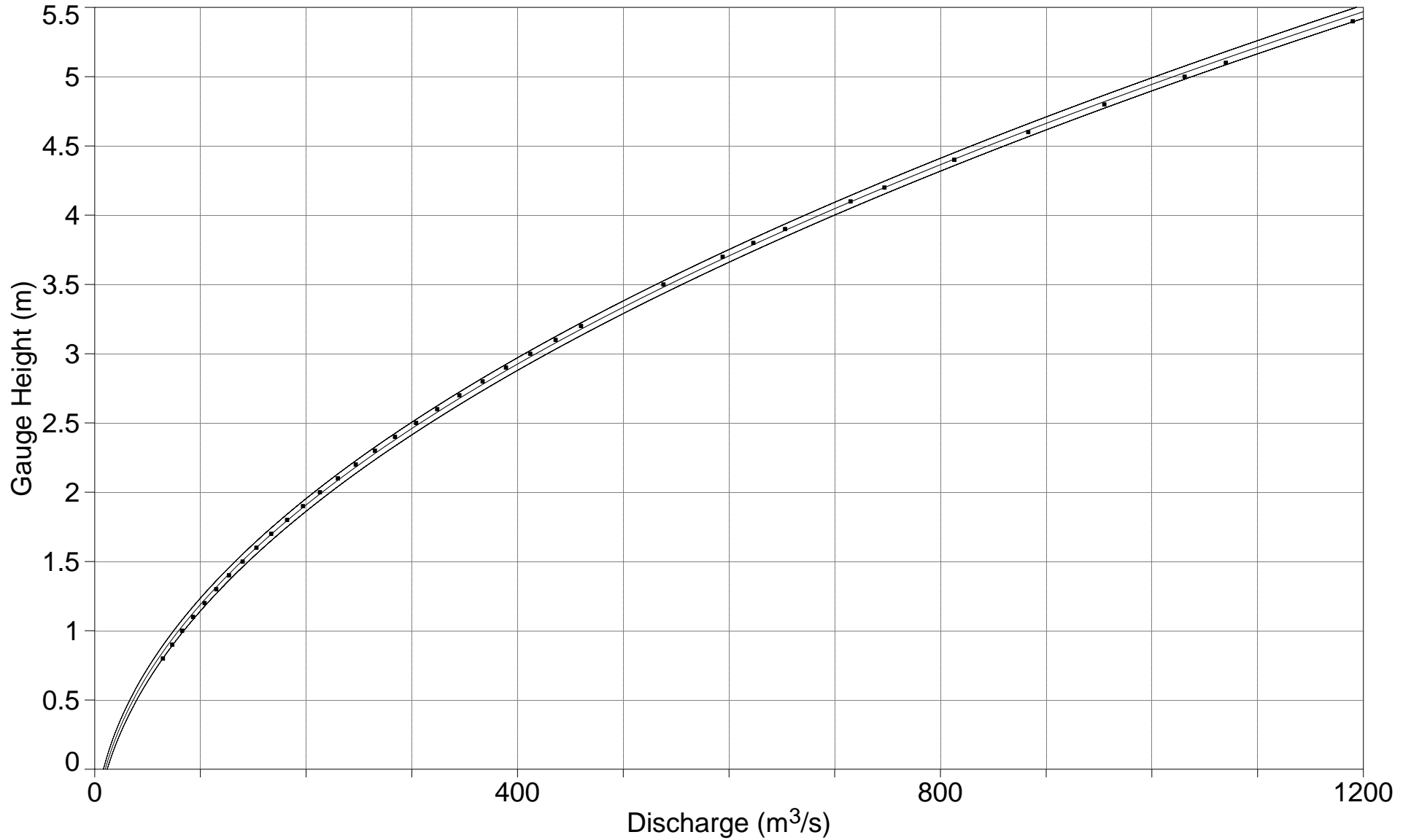
NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #7.00

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99972597$ DF Adj $r^2=0.99970985$ FitStdErr=0.022176926 Fstat=127690.18

$a=-0.54884952$

$b=0.17372504$



NECHAKO RIVER AT ISLE PIERRE - STAGE DISCHARGE TABLE #8.00

Rank 11 Eqn 12 $y=a+bx^{0.5}$

$r^2=0.99885444$ DF Adj $r^2=0.99878706$ FitStdErr=0.045343411 Fstat=30517.79

$a=-0.59950489$

$b=0.17575503$

