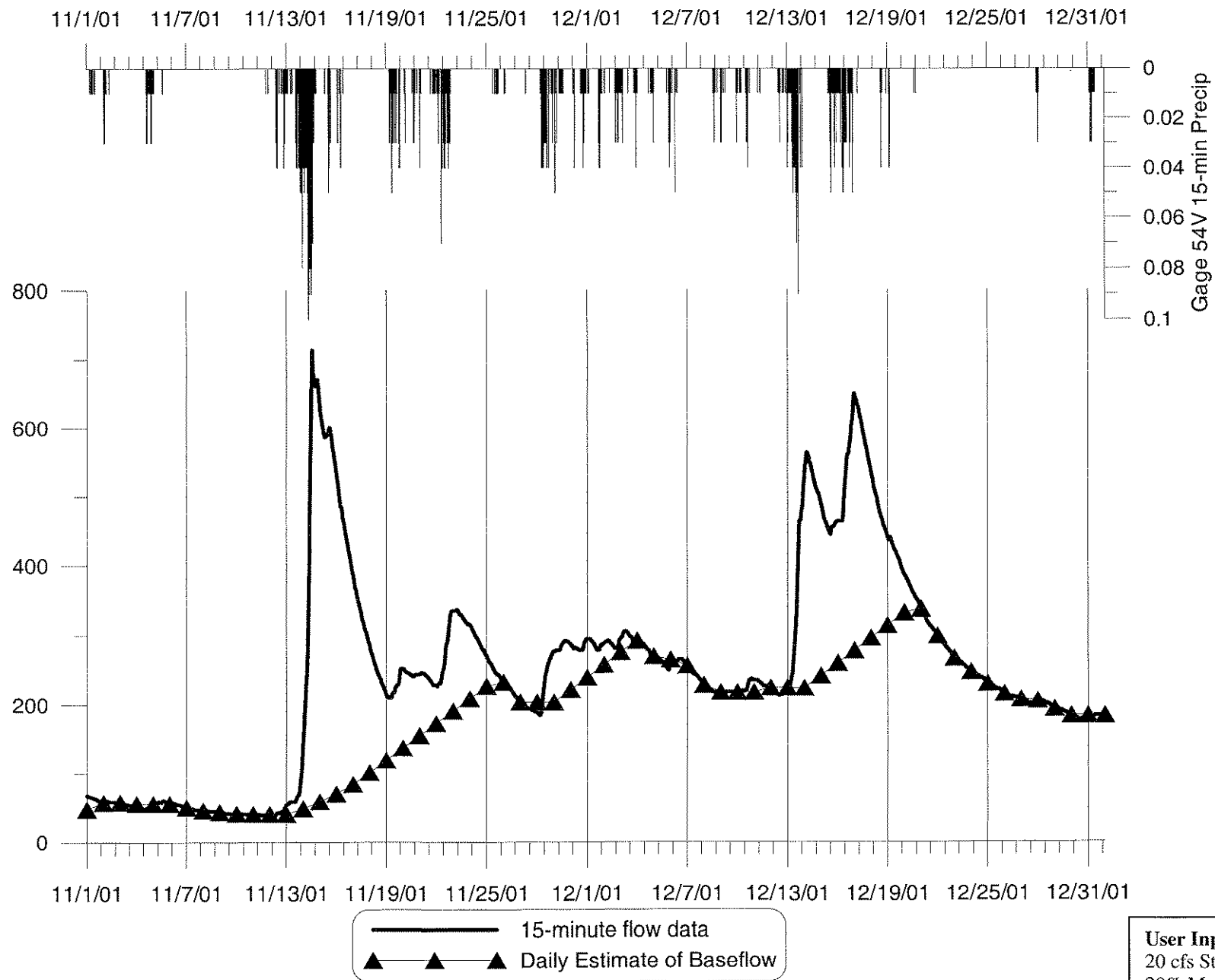


ATTACHMENT 2

Soos Creek Gage 54A Discharge and Precipitation for November–December 2001 Compound Storm Events, and Additional Examples of Storm Event Delineation Input Variables and Output for 2001–2002 Data



Soos Creek near month (54A)

User Input Variables

20 cfs Starting Baseflow
20% Max Baseflow Increase
18 cfs Max Baseflow Increase
15% Over Base to be Storm

INSTRUCTIONS FOR DAILY FLOW STORM SEPARATION:

1. COPY DAILY DATA SET INTO COLUMN A
(COPY ENTIRE COLUMN FROM RAW DATA SETS SHEET)
2. VARY INPUT VARIABLES BELOW USING JUDGEMENT
3. SAVE RESULTS ELSEWHERE.

USER INPUT VARIABLES

	20	= Starting baseflow if 1st flow value is missing
	20.0%	= Max allowable baseflow increase per day in %:
0.25	18	= Max allowable baseflow increase per day in cfs
	15.0%	= Must exceed baseflow by this much to flag as storm

OUTPUT SUMMARY for 2001 - 2002

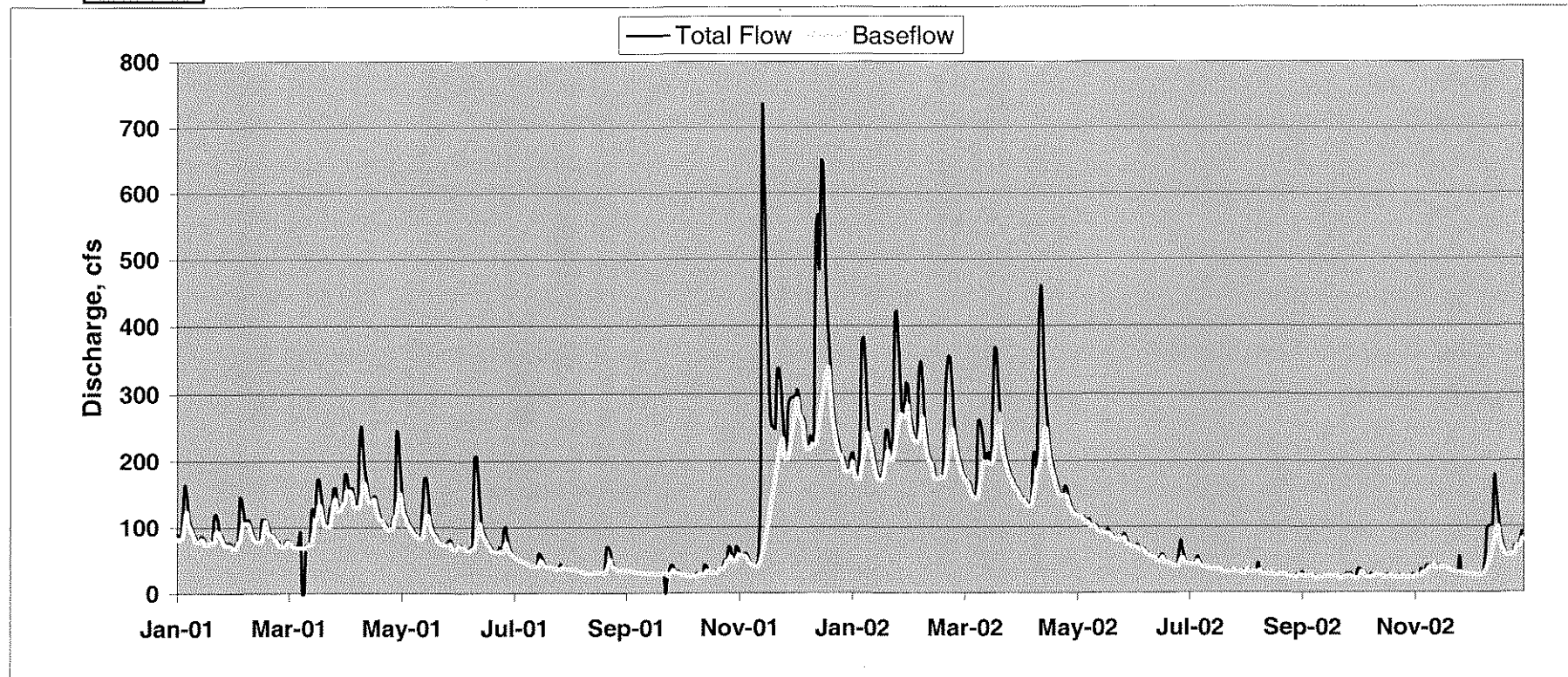
Station ID 2600 Max Soos Creek near Mouth (WLR Gage 54C)

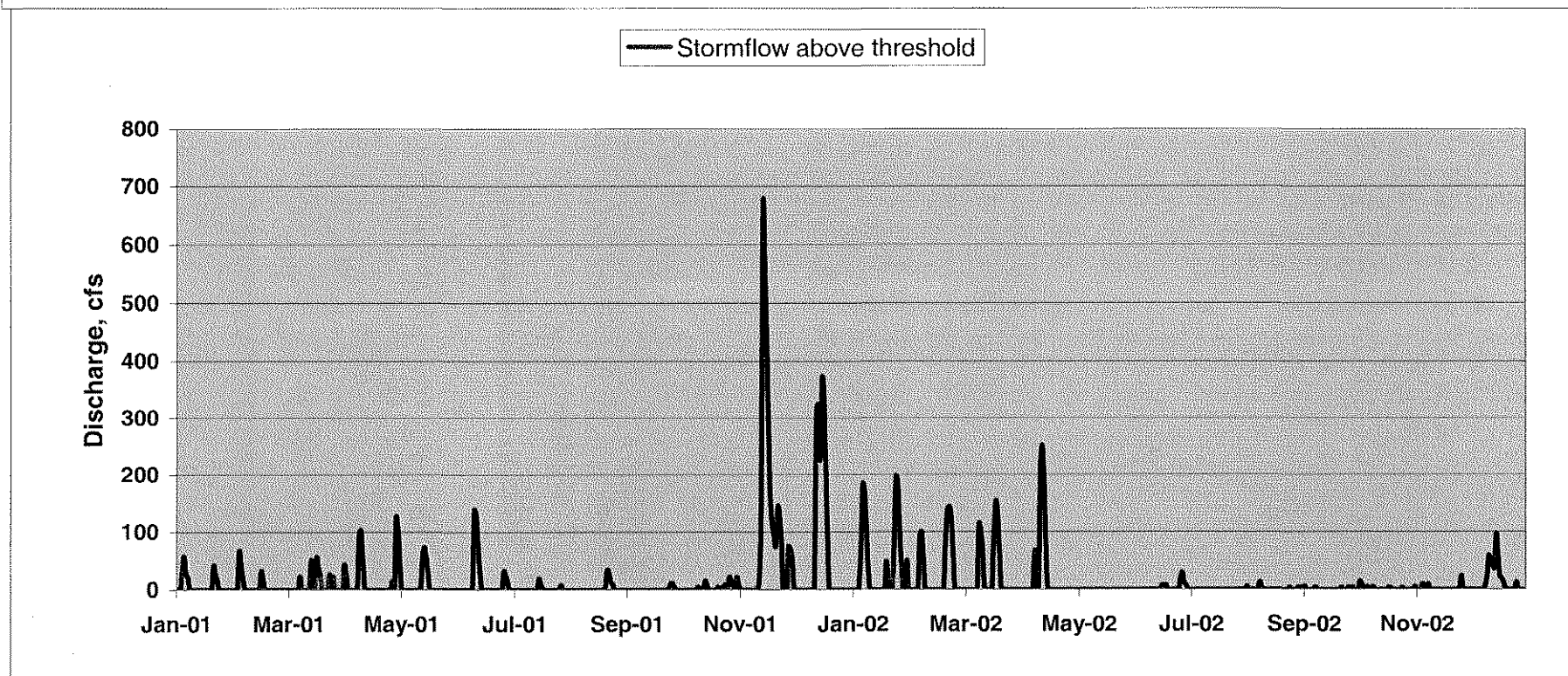
Number of Missing Data Values 3

Number of Storm Events 62

Maximum Event Duration 13 Days

Stats	Baseflow	Stormflow
Min	21.6	n/a
Mean	90.8	74.6
Max	337.7	666.1
	20	20.0%
		18 15.0%





INSTRUCTIONS FOR DAILY FLOW STORM SEPARATION:

1. COPY DAILY DATA SET INTO COLUMN A
(COPY ENTIRE COLUMN FROM RAW DATA SETS SHEET)
2. VARY INPUT VARIABLES BELOW USING JUDGEMENT
3. SAVE RESULTS ELSEWHERE.

USER INPUT VARIABLES

	20	= Starting baseflow if 1st flow value is missing
	20.0%	= Max allowable baseflow increase per day in %:
0.25	18	= Max allowable baseflow increase per day in cfs
	20.0%	= Must exceed baseflow by this much to flag as storm

OUTPUT SUMMARY for 2001 - 2002

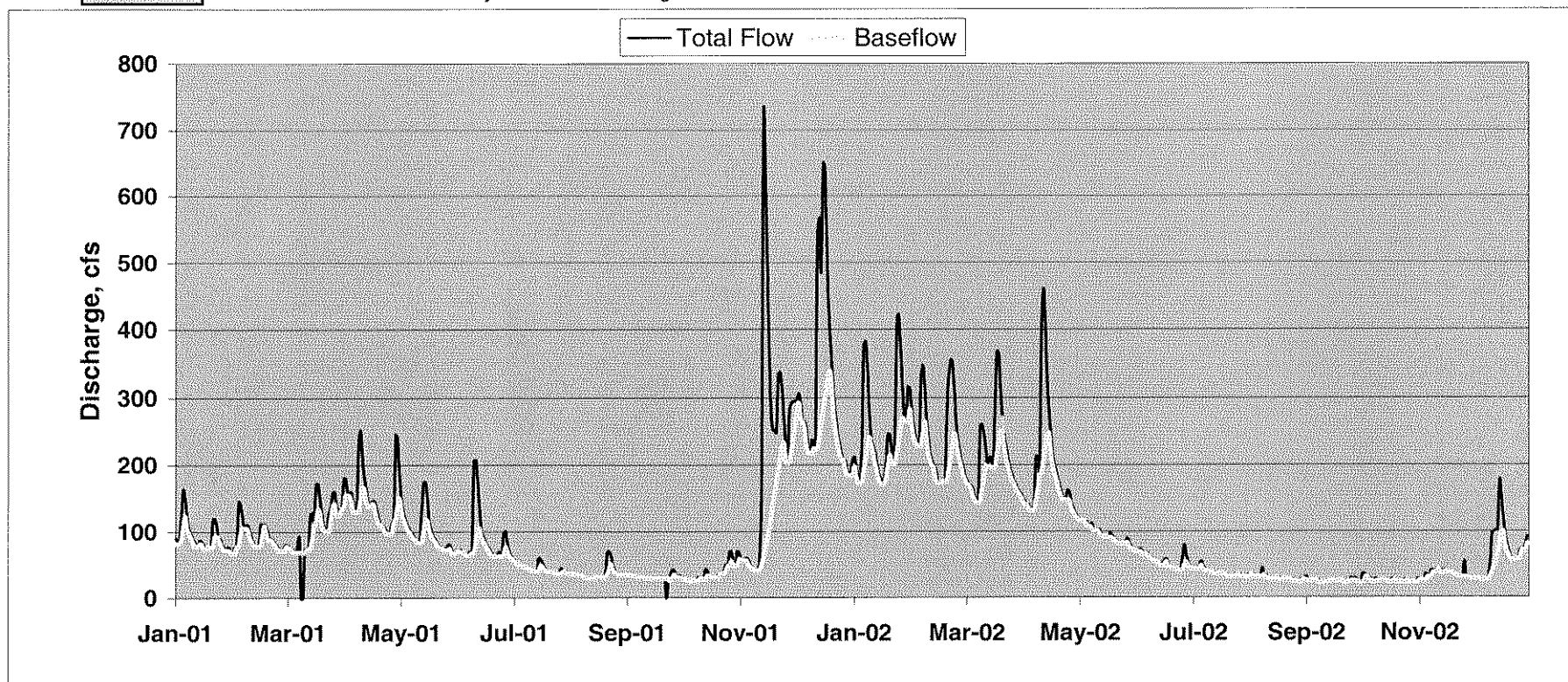
Station ID 2600 Max Soos Creek near Mouth (WLR Gage 54C)

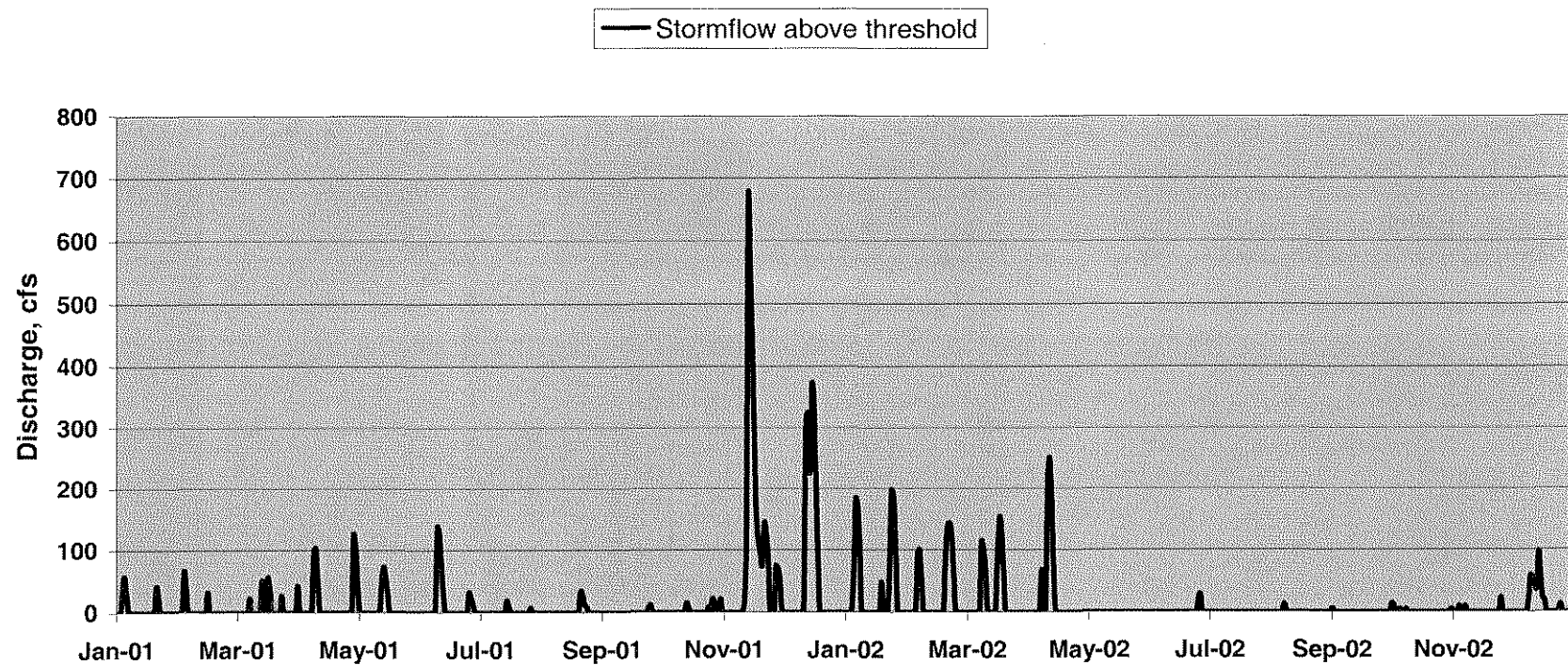
Number of Missing Data Values 3

Number of Storm Events 46

Maximum Event Duration 13 Days

Stats	Baseflow	Stormflow
Min	21.6	n/a
Mean	90.8	91.3
Max	337.7	666.1
	20	20.0%
	20.0%	18
		20.0%





INSTRUCTIONS FOR DAILY FLOW STORM SEPARATION:

1. COPY DAILY DATA SET INTO COLUMN A
(COPY ENTIRE COLUMN FROM RAW DATA SETS SHEET)
2. VARY INPUT VARIABLES BELOW USING JUDGEMENT
3. SAVE RESULTS ELSEWHERE.

USER INPUT VARIABLES

	20	= Starting baseflow if 1st flow value is missing
	10.0%	= Max allowable baseflow increase per day in %:
0.25	10	= Max allowable baseflow increase per day in cfs
	15.0%	= Must exceed baseflow by this much to flag as storm

OUTPUT SUMMARY for 2001 - 2002

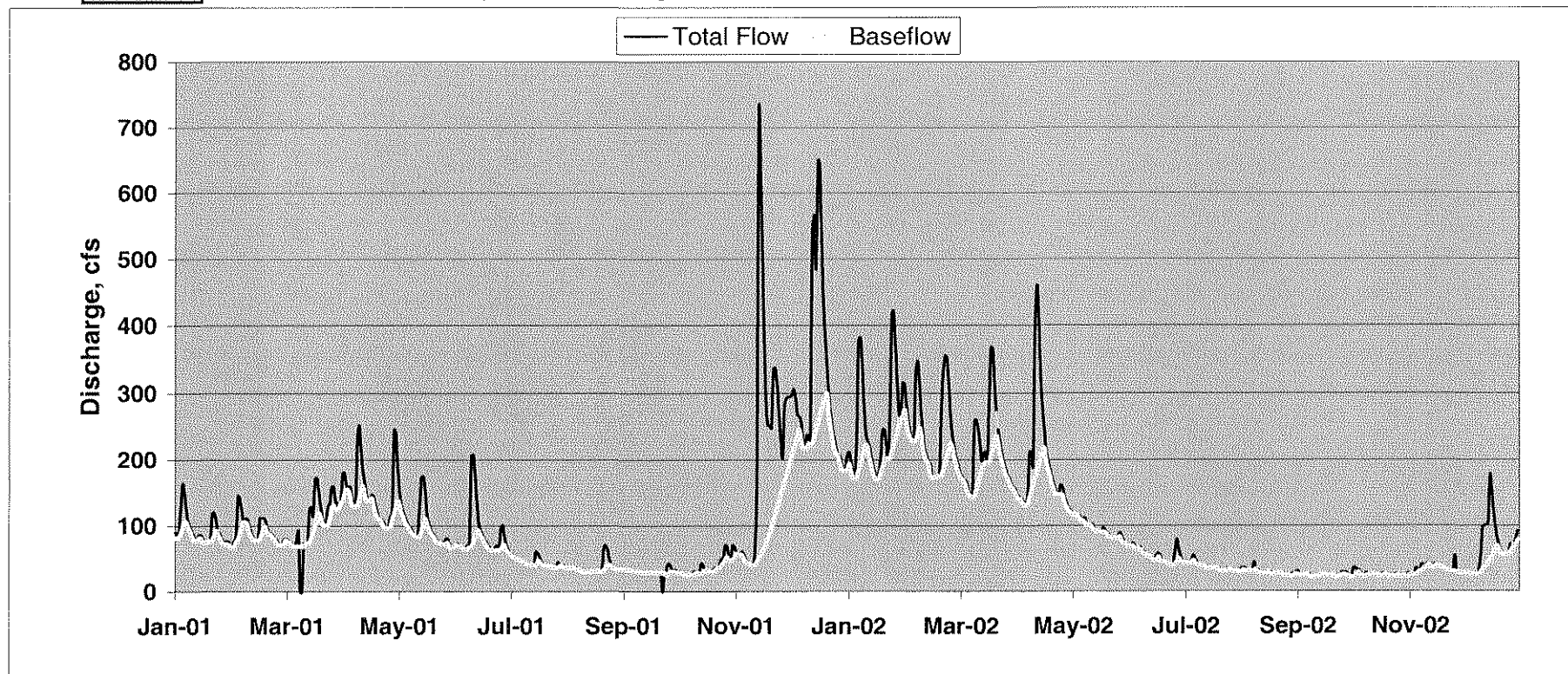
Station ID 2600 Max Soos Creek near Mouth (WLR Gage 54C)

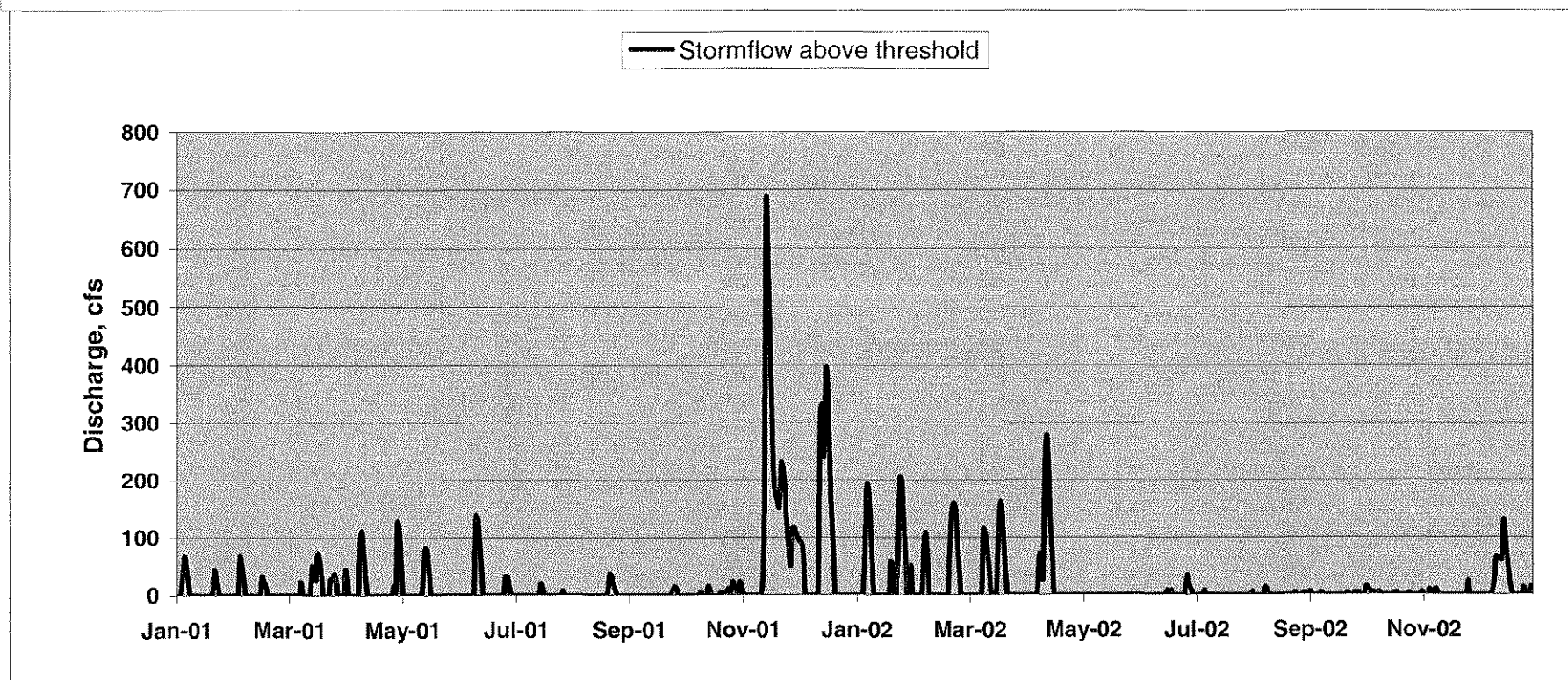
Number of Missing Data Values 3

Number of Storm Events 60

Maximum Event Duration 23 Days

Stats	Baseflow	Stormflow
Min	21.6	n/a
Mean	87.0	82.1
Max	299.5	675.4
	20	10.0%
		10
		15.0%





INSTRUCTIONS FOR DAILY FLOW STORM SEPARATION:

1. COPY DAILY DATA SET INTO COLUMN A
(COPY ENTIRE COLUMN FROM RAW DATA SETS SHEET)
2. VARY INPUT VARIABLES BELOW USING JUDGEMENT
3. SAVE RESULTS ELSEWHERE.

USER INPUT VARIABLES

	20	= Starting baseflow if 1st flow value is missing
	30.0%	= Max allowable baseflow increase per day in %:
0.25	30	= Max allowable baseflow increase per day in cfs
	15.0%	= Must exceed baseflow by this much to flag as storm

OUTPUT SUMMARY for 2001 - 2002

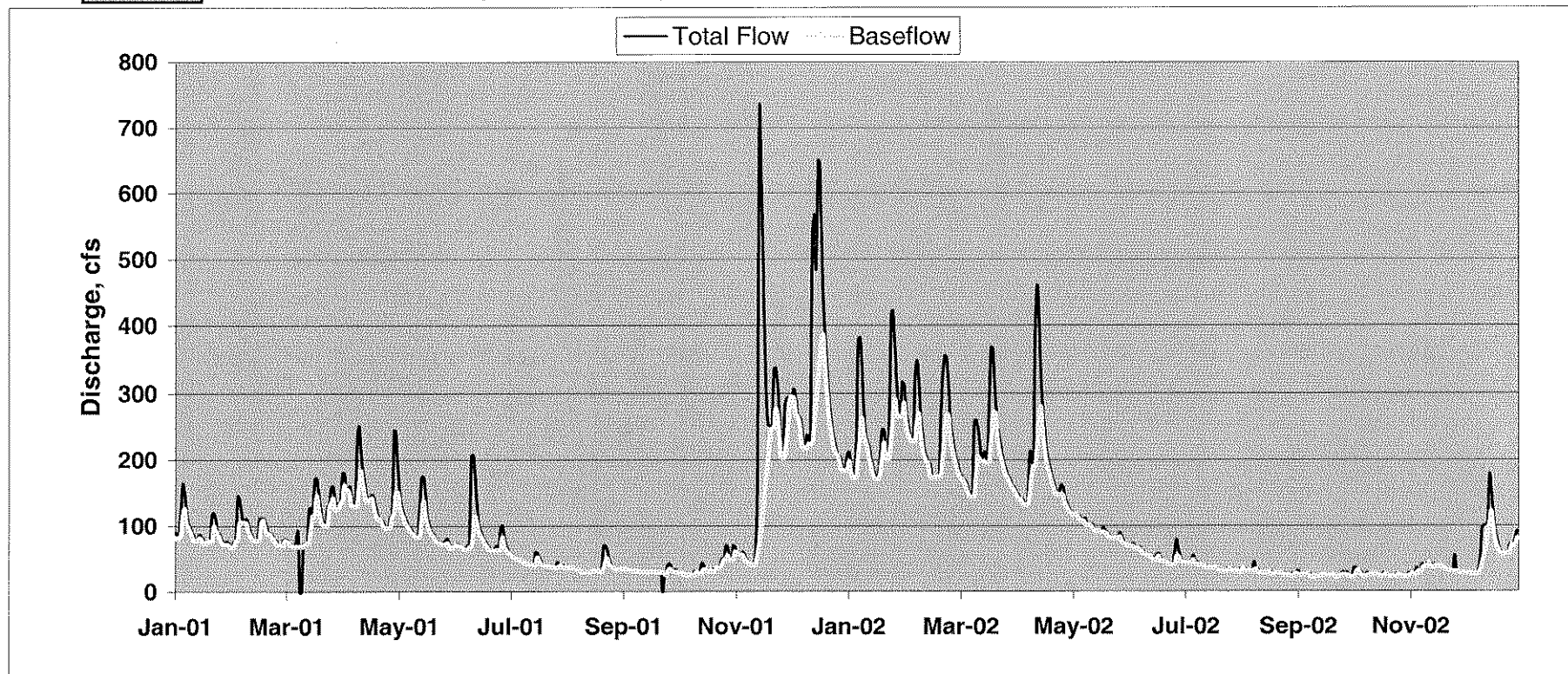
Station ID 2600 Max Soos Creek near Mouth (WLR Gage 54C)

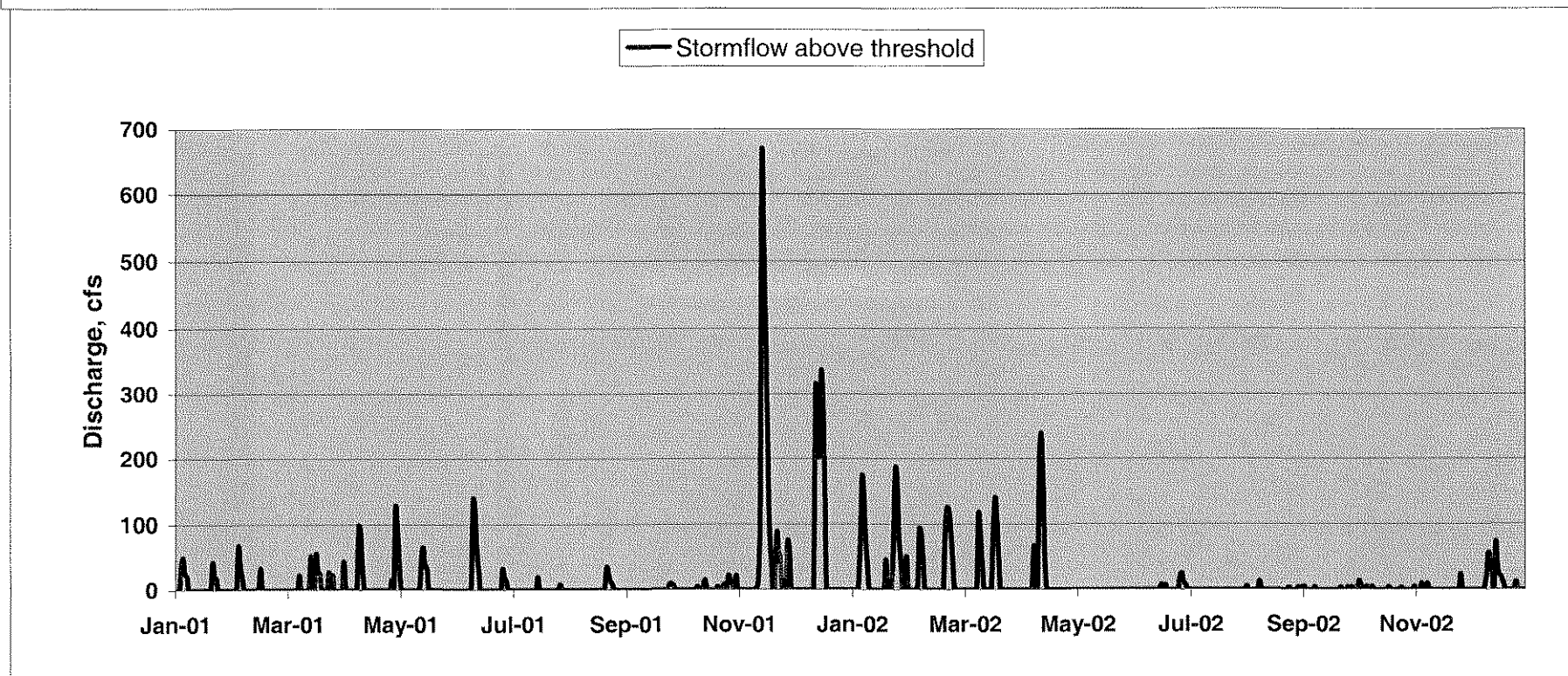
Number of Missing Data Values 3

Number of Storm Events 64

Maximum Event Duration 8 Days

<u>Stats</u>	<u>Baseflow</u>	<u>Stormflow</u>		
Min	21.6	n/a		
Mean	93.0	67.6		
Max	385.4	656.0		
	20	30.0%	30	15.0%





INSTRUCTIONS FOR DAILY FLOW STORM SEPARATION:

1. COPY DAILY DATA SET INTO COLUMN A
(COPY ENTIRE COLUMN FROM RAW DATA SETS SHEET)
2. VARY INPUT VARIABLES BELOW USING JUDGEMENT
3. SAVE RESULTS ELSEWHERE.

USER INPUT VARIABLES

	20	= Starting baseflow if 1st flow value is missing
	50.0%	= Max allowable baseflow increase per day in %:
0.25	45	= Max allowable baseflow increase per day in cfs
	15.0%	= Must exceed baseflow by this much to flag as storm

OUTPUT SUMMARY for 2001 - 2002

Station ID 2600 Max Soos Creek near Mouth (WLR Gage 54C)

Number of Missing Data Values 3

Number of Storm Events 67

Maximum Event Duration 6 Days

Stats	Baseflow	Stormflow	
Min	21.6	n/a	
Mean	94.7	62.6	
Max	441.0	643.6	
	20	50.0%	45 15.0%

