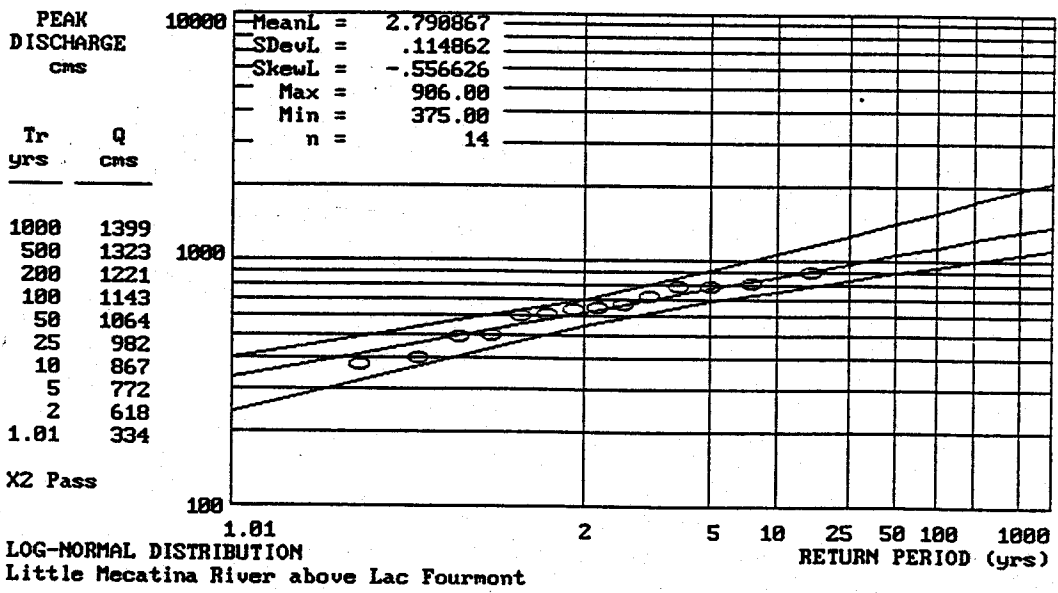
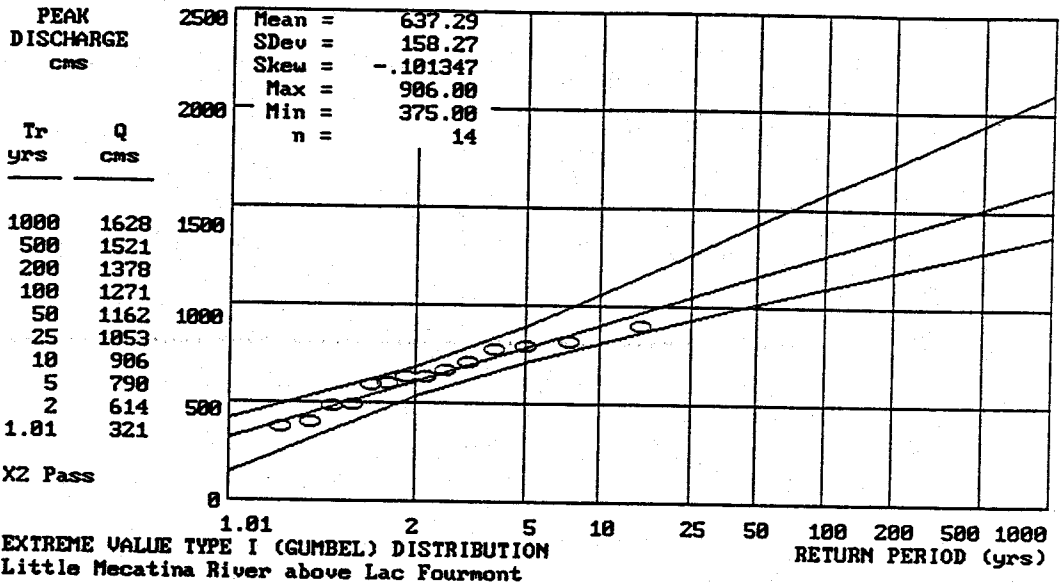
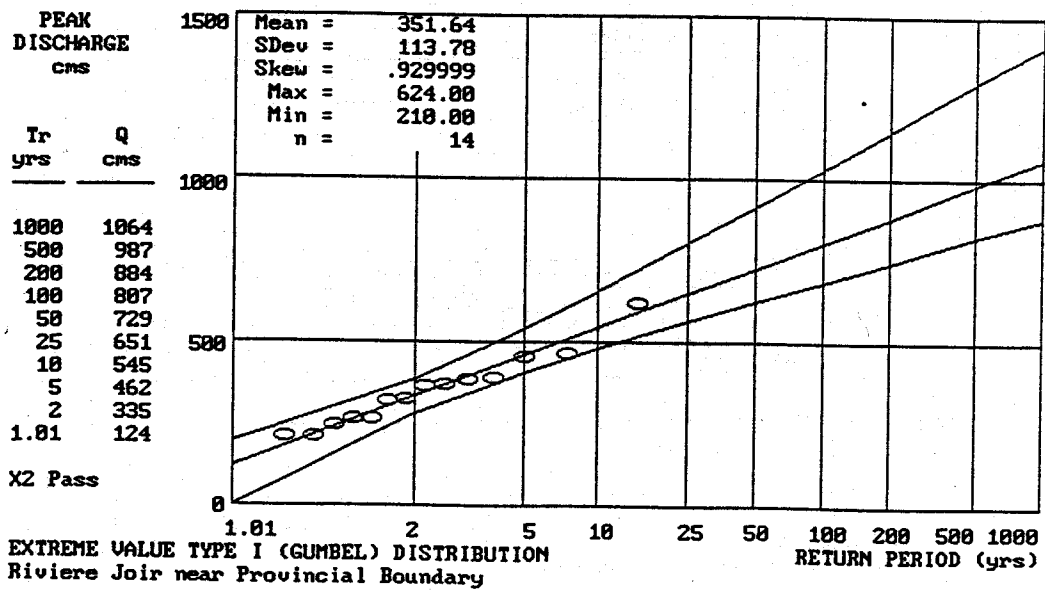
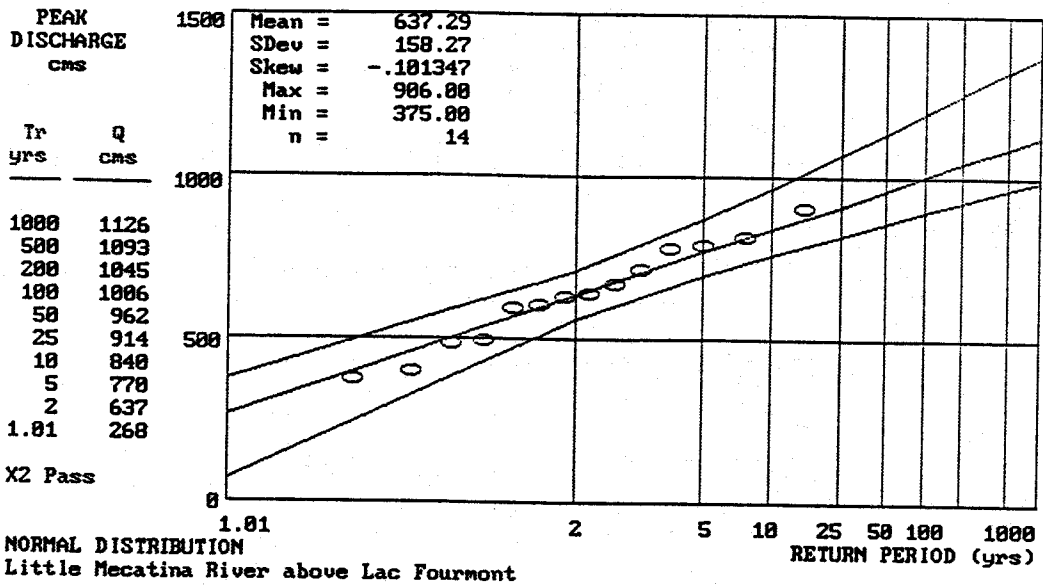
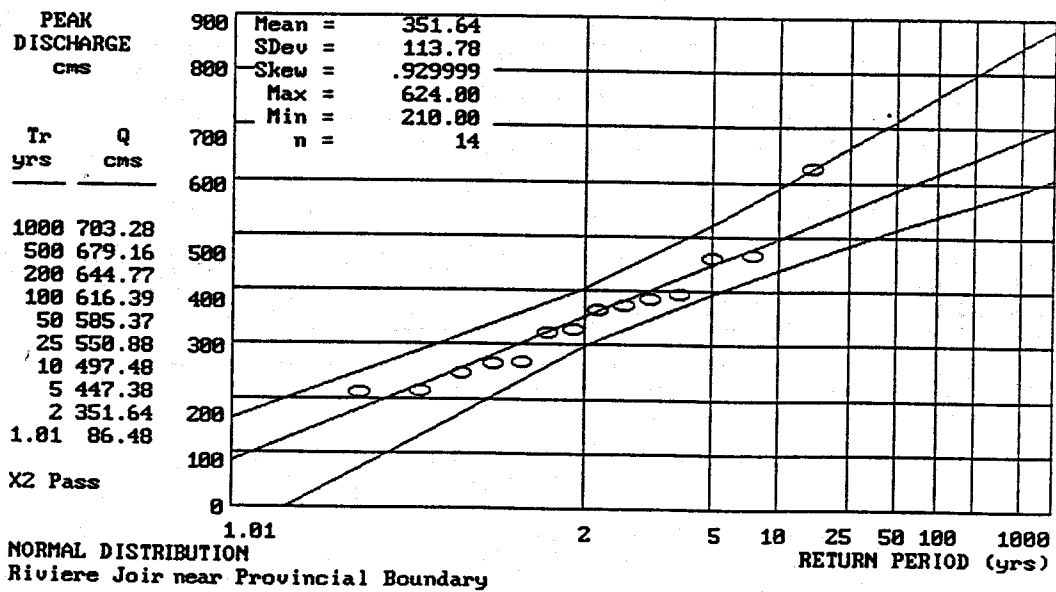
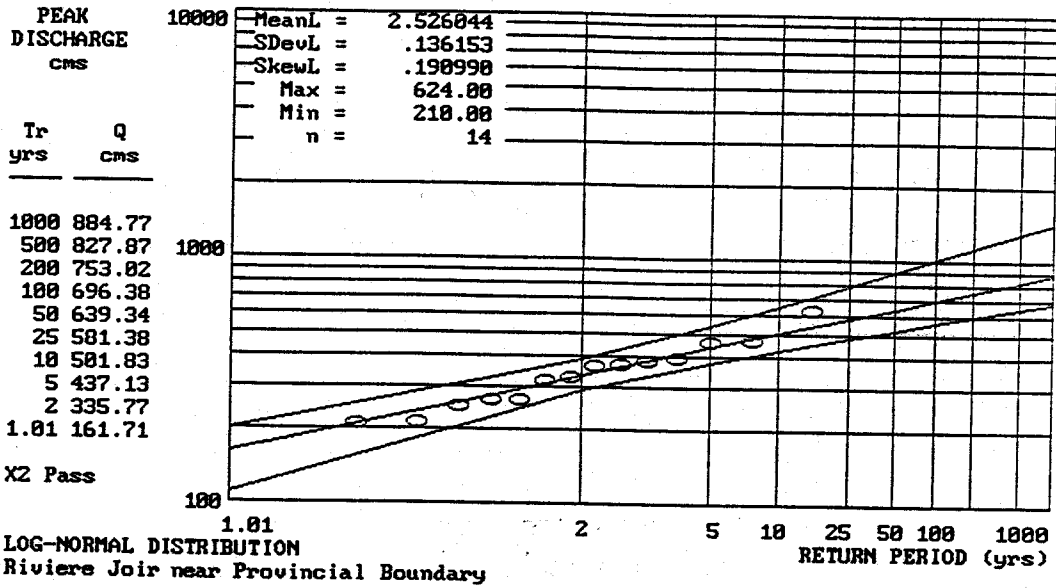


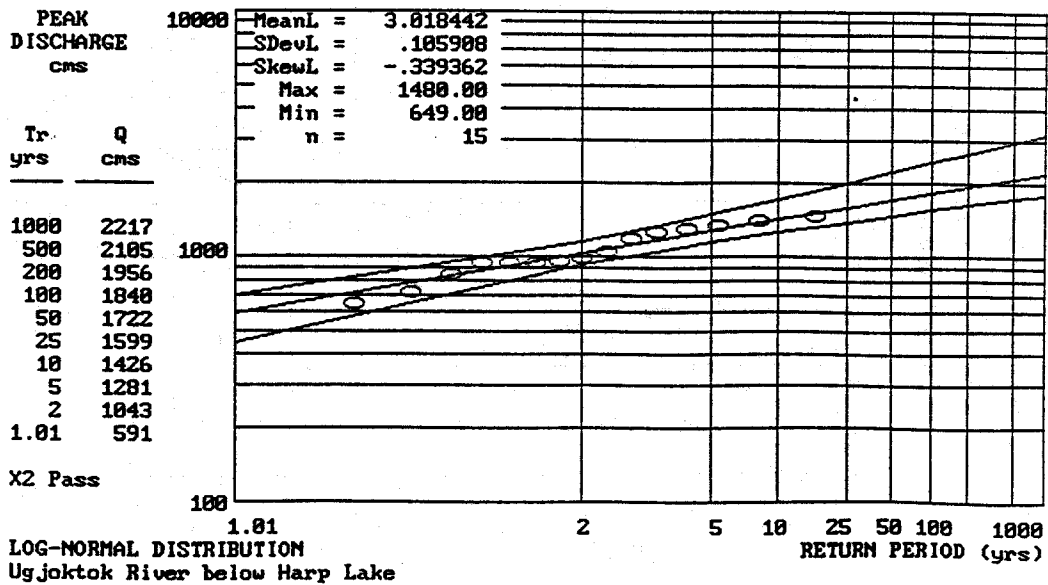
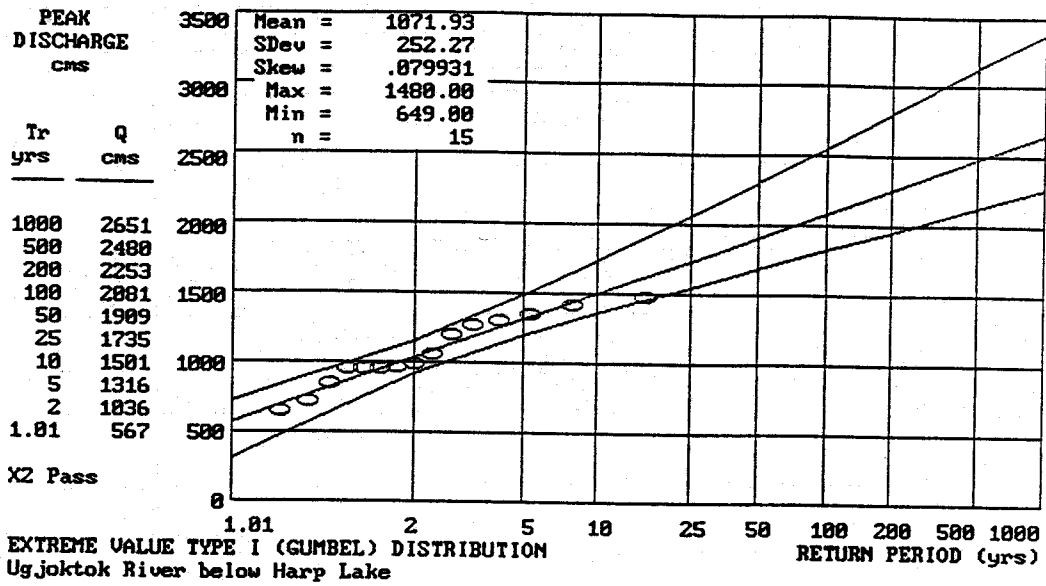
## **Appendix O**

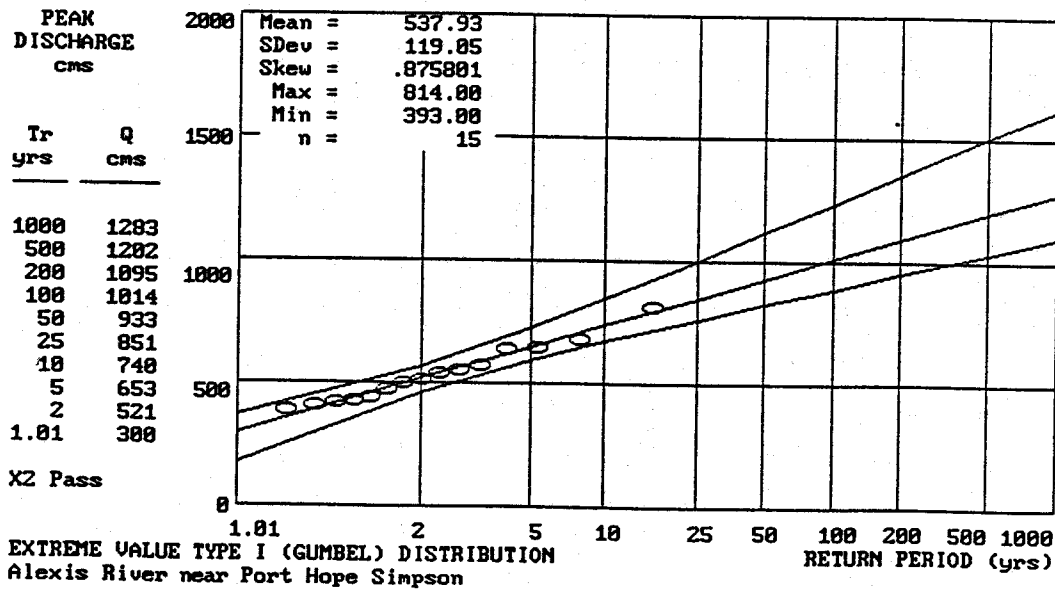
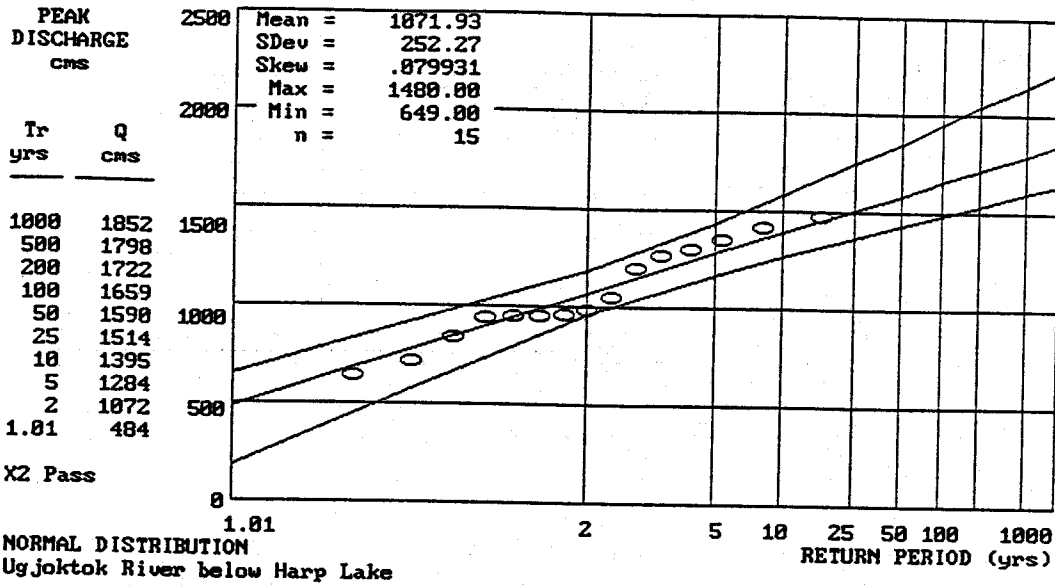
### **Single Station Frequency Analysis**

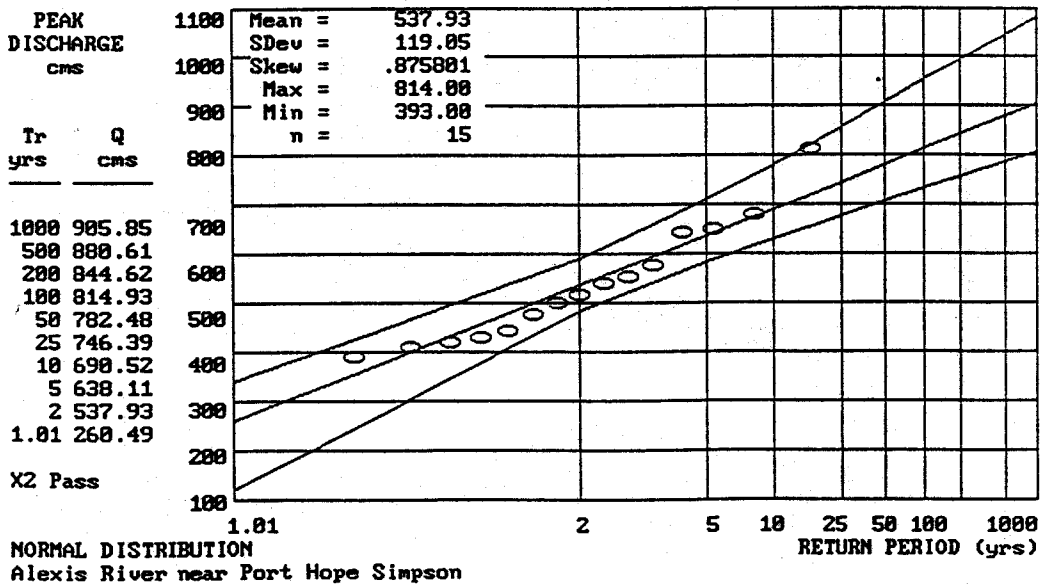
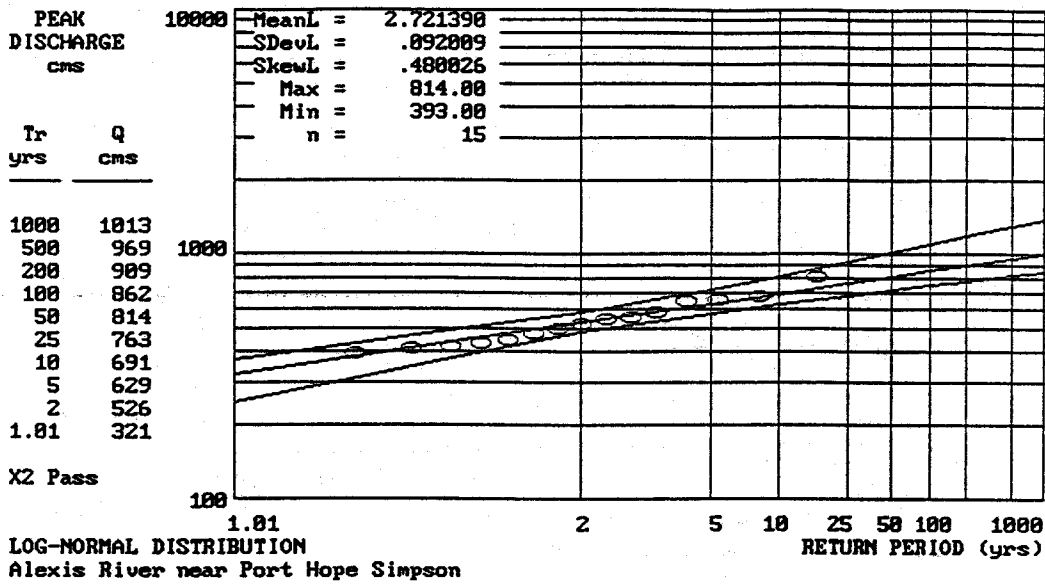


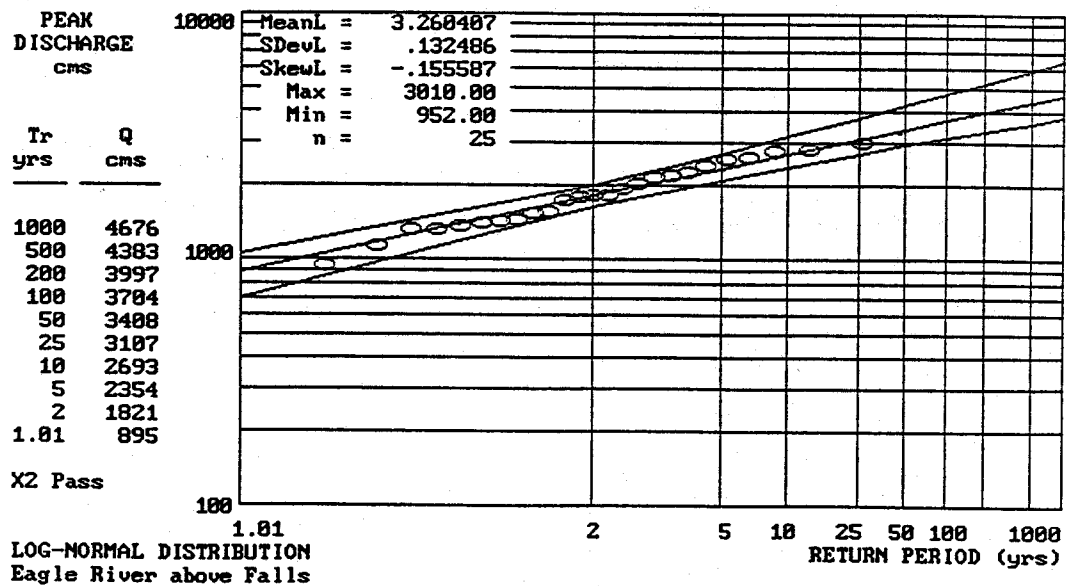
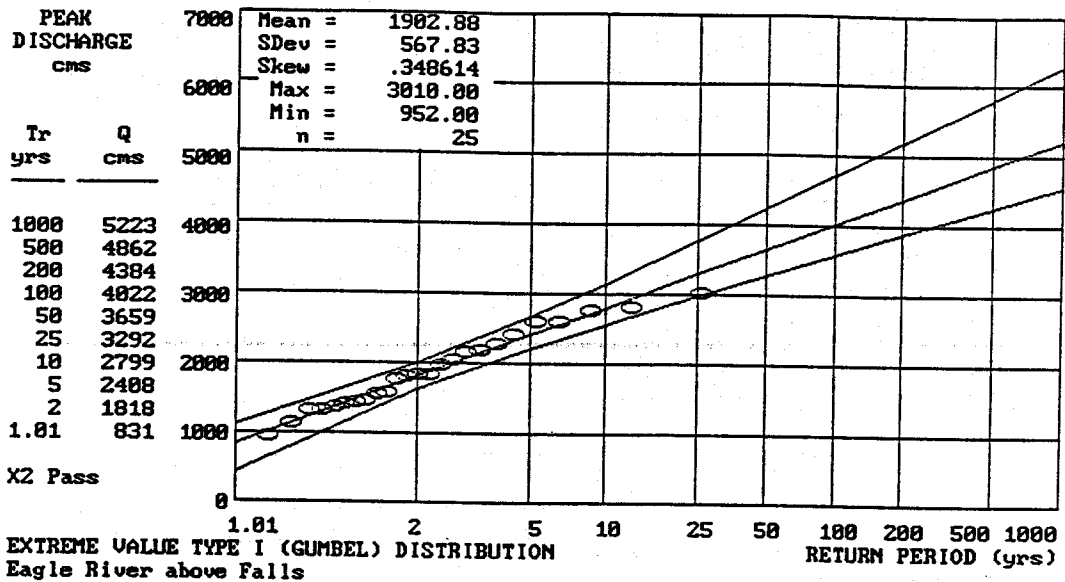




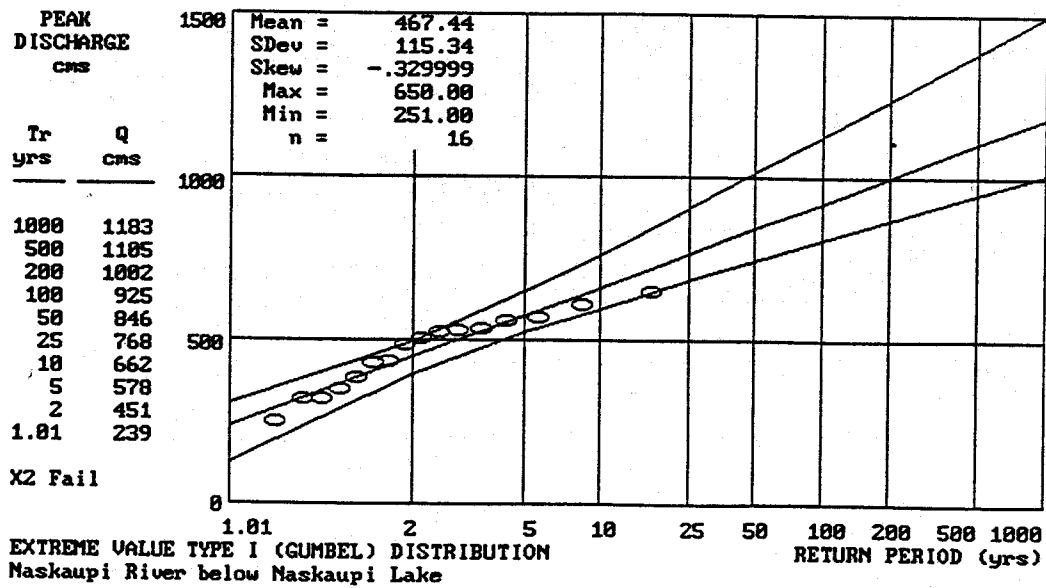
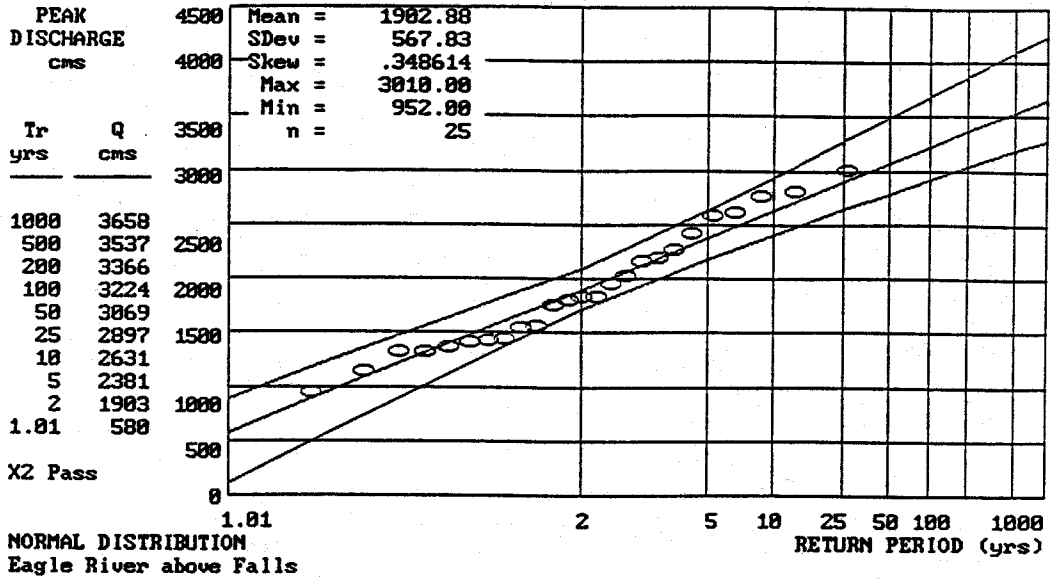


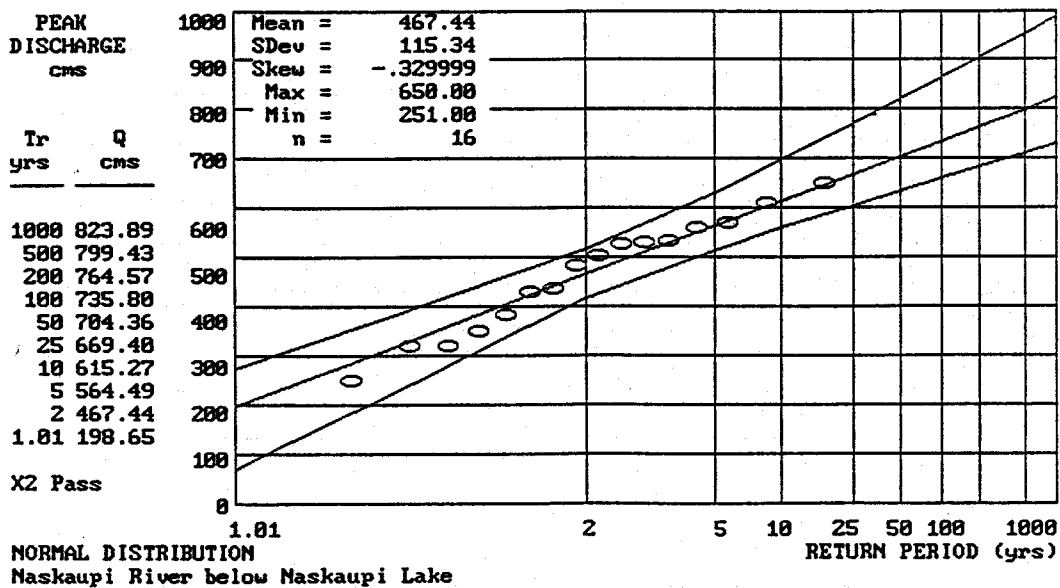
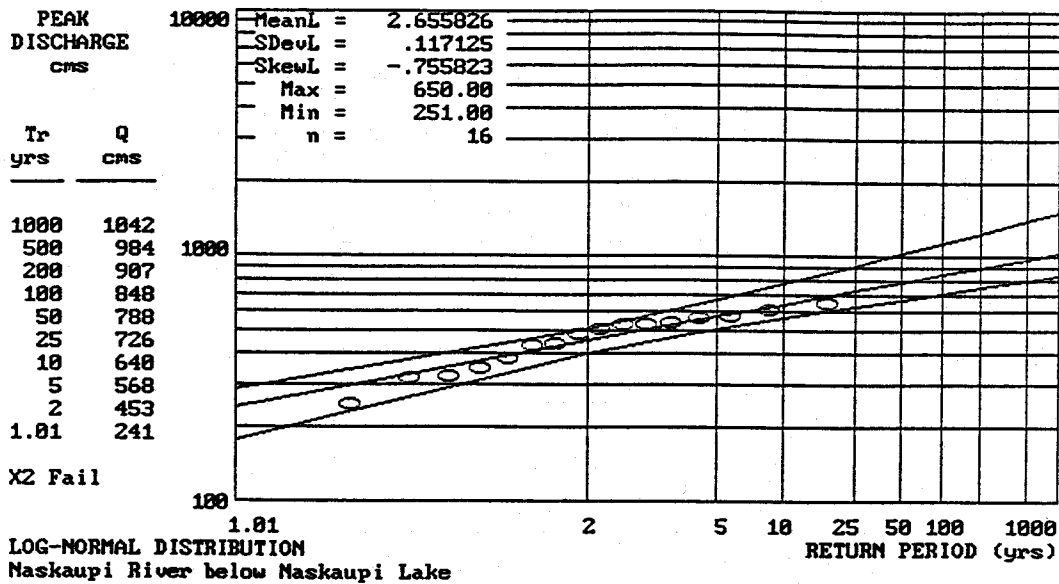


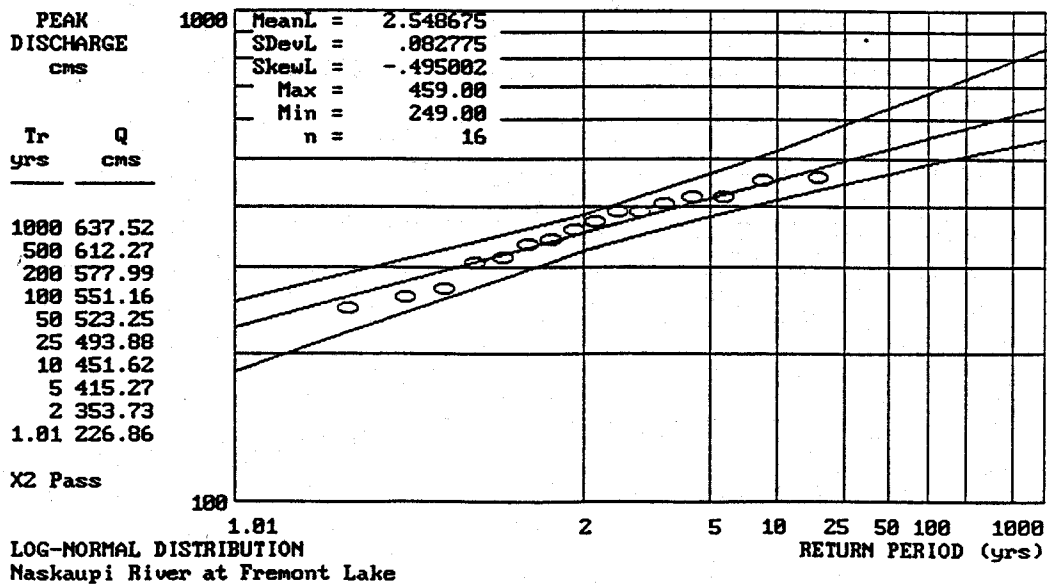
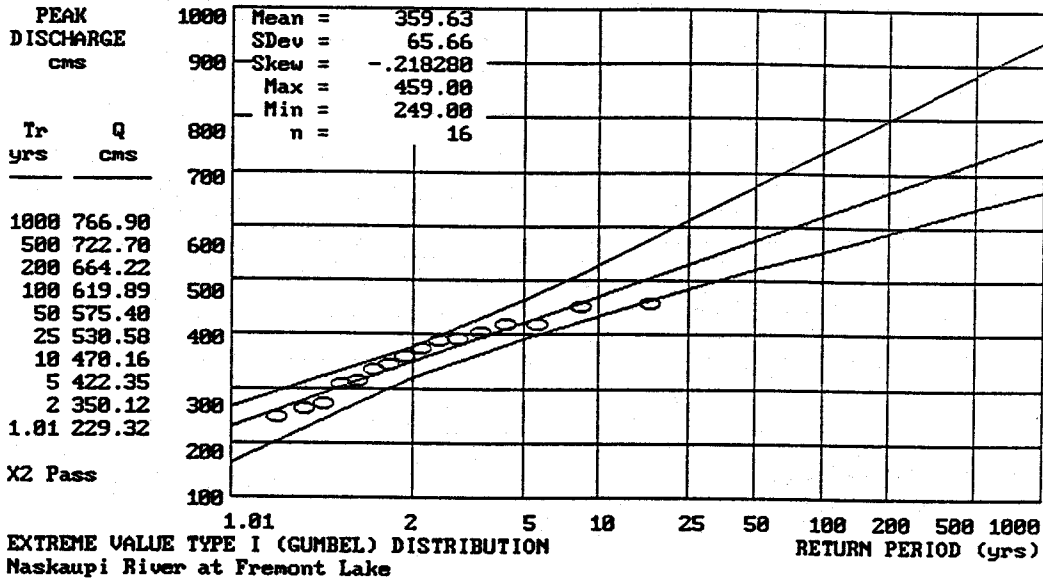








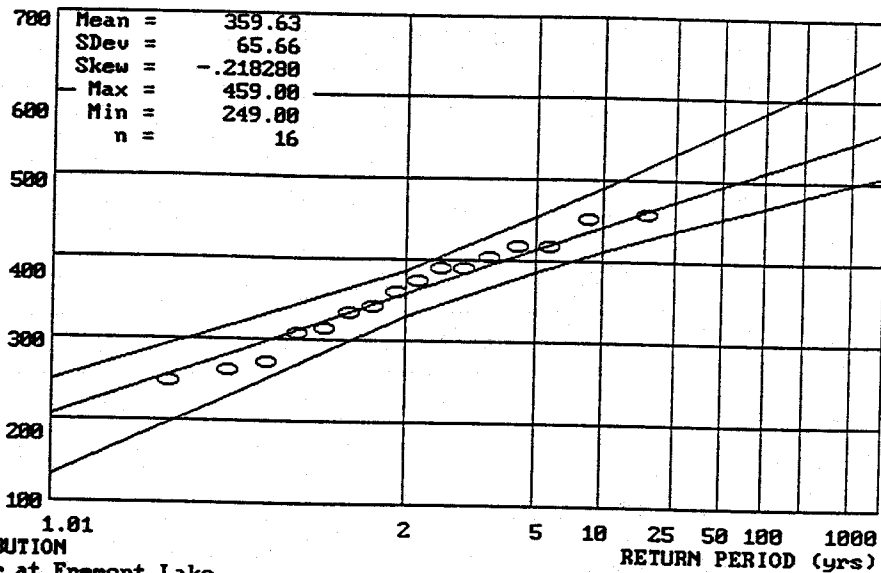




PEAK  
DISCHARGE  
cms

Tr yrs	Q cms
1000	562.55
500	548.63
200	528.78
100	512.40
50	494.50
25	474.60
10	443.78
5	414.87
2	359.63
1.01	206.60

X2 Pass

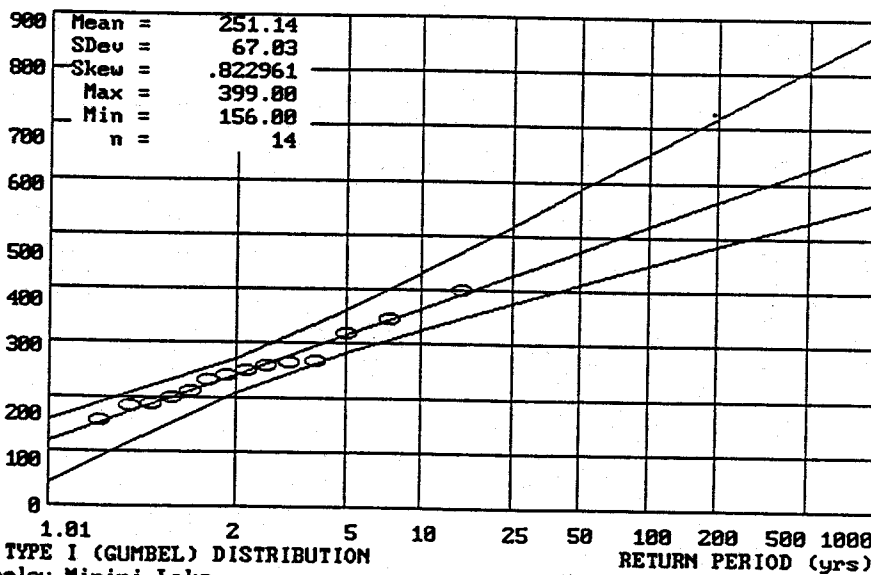


NORMAL DISTRIBUTION  
Naskaupi River at Fremont Lake

PEAK  
DISCHARGE  
cms

Tr yrs	Q cms
1000	670.86
500	625.33
200	565.08
100	519.41
50	473.57
25	427.40
10	365.15
5	315.89
2	241.48
1.01	117.02

X2 Pass



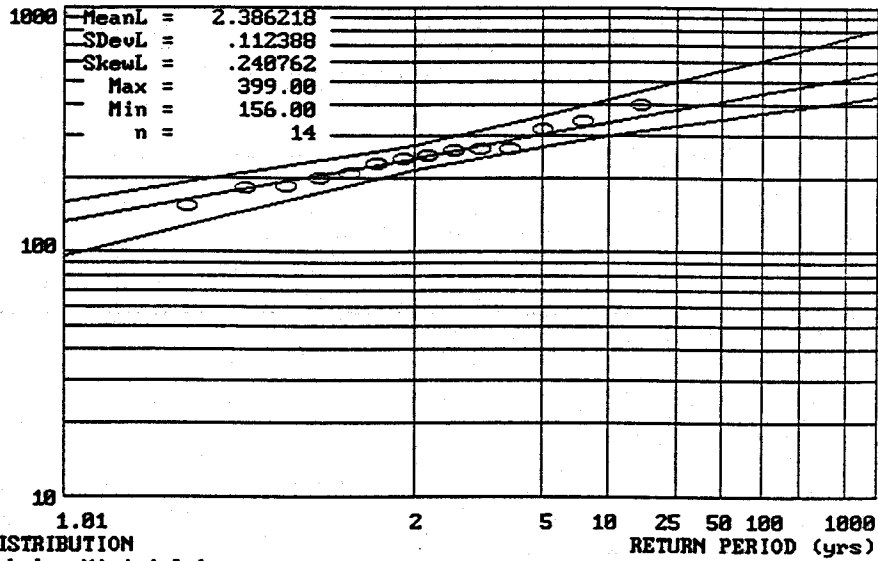
EXTREME VALUE TYPE I (GUMBEL) DISTRIBUTION  
Minipi River below Minipi Lake

PEAK  
DISCHARGE  
cms

Tr yrs	Q cms
-----------	----------

1000	541.45
500	512.54
200	473.98
100	444.35
50	414.88
25	382.84
10	339.05
5	302.54
2	243.34
1.01	133.14

X2 Pass

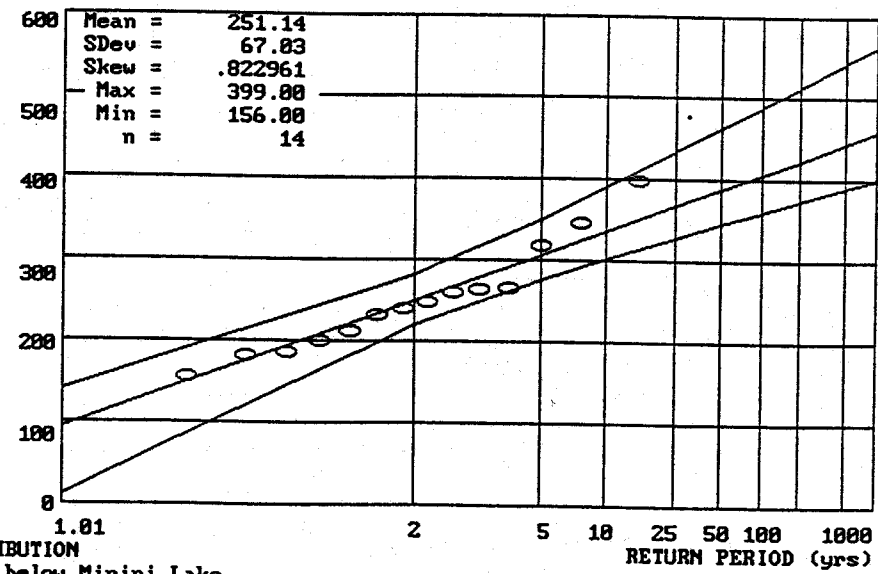


PEAK  
DISCHARGE  
cms

Tr yrs	Q cms
-----------	----------

1000	458.32
500	444.18
200	423.84
100	407.12
50	388.85
25	368.53
10	337.86
5	307.55
2	251.14
1.01	94.92

X2 Pass

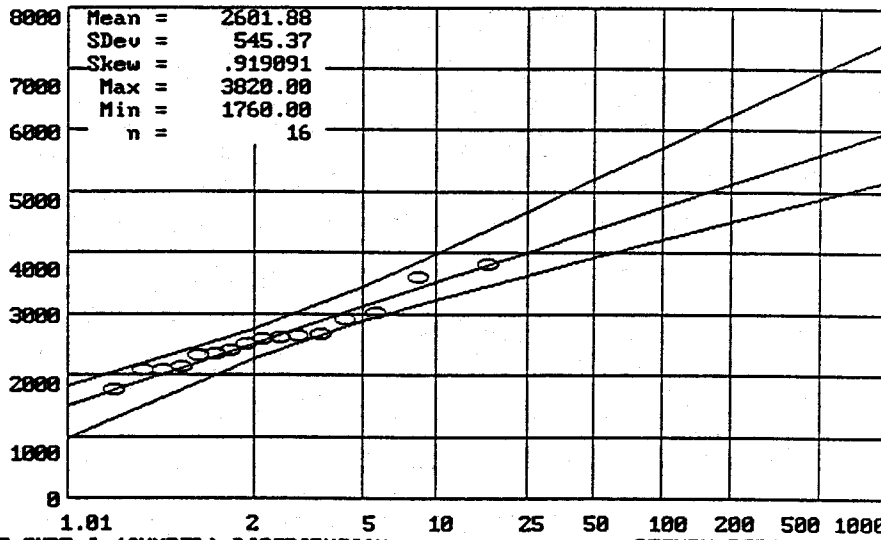


PEAK  
DISCHARGE  
cms

Tr  
yrs      Q  
          cms

1000	5985
500	5618
200	5132
100	4764
50	4394
25	4022
10	3520
5	3123
2	2523
1.01	1520

X2 Pass



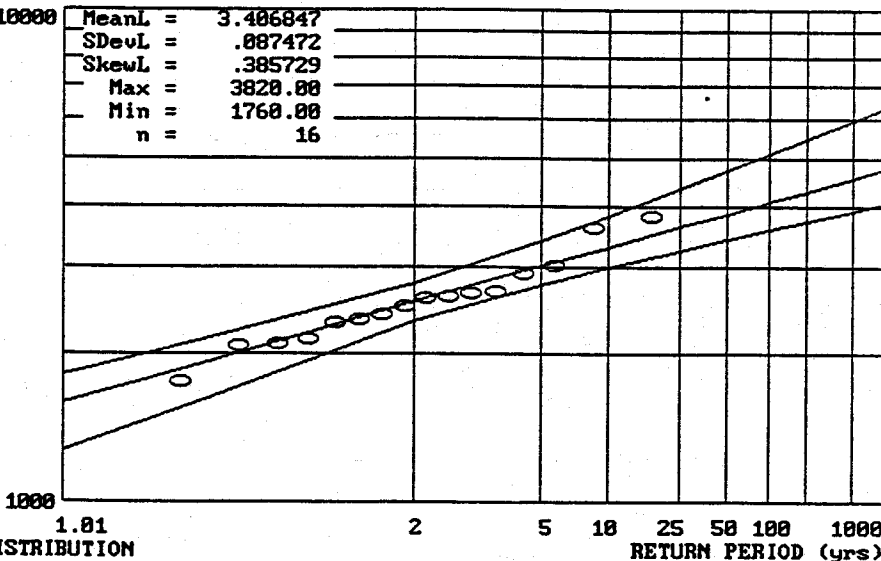
EXTREME VALUE TYPE I (GUMBEL) DISTRIBUTION  
Churchill River at Flour Lake

PEAK  
DISCHARGE  
cms

Tr  
yrs      Q  
          cms

1000	4755
500	4557
200	4287
100	4077
50	3859
25	3631
10	3303
5	3023
2	2552
1.01	1596

X2 Pass



LOG-NORMAL DISTRIBUTION  
Churchill River at Flour Lake

