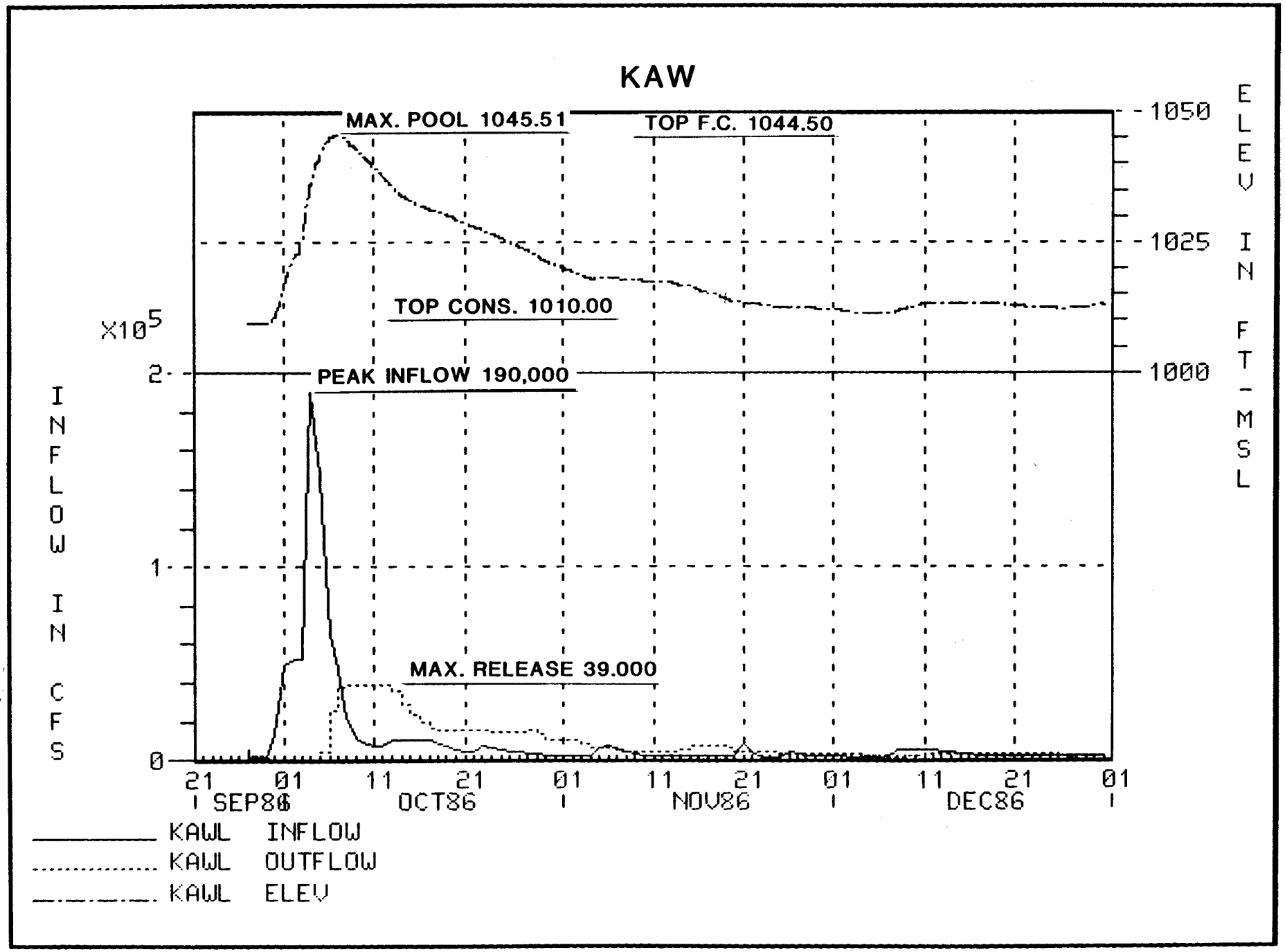
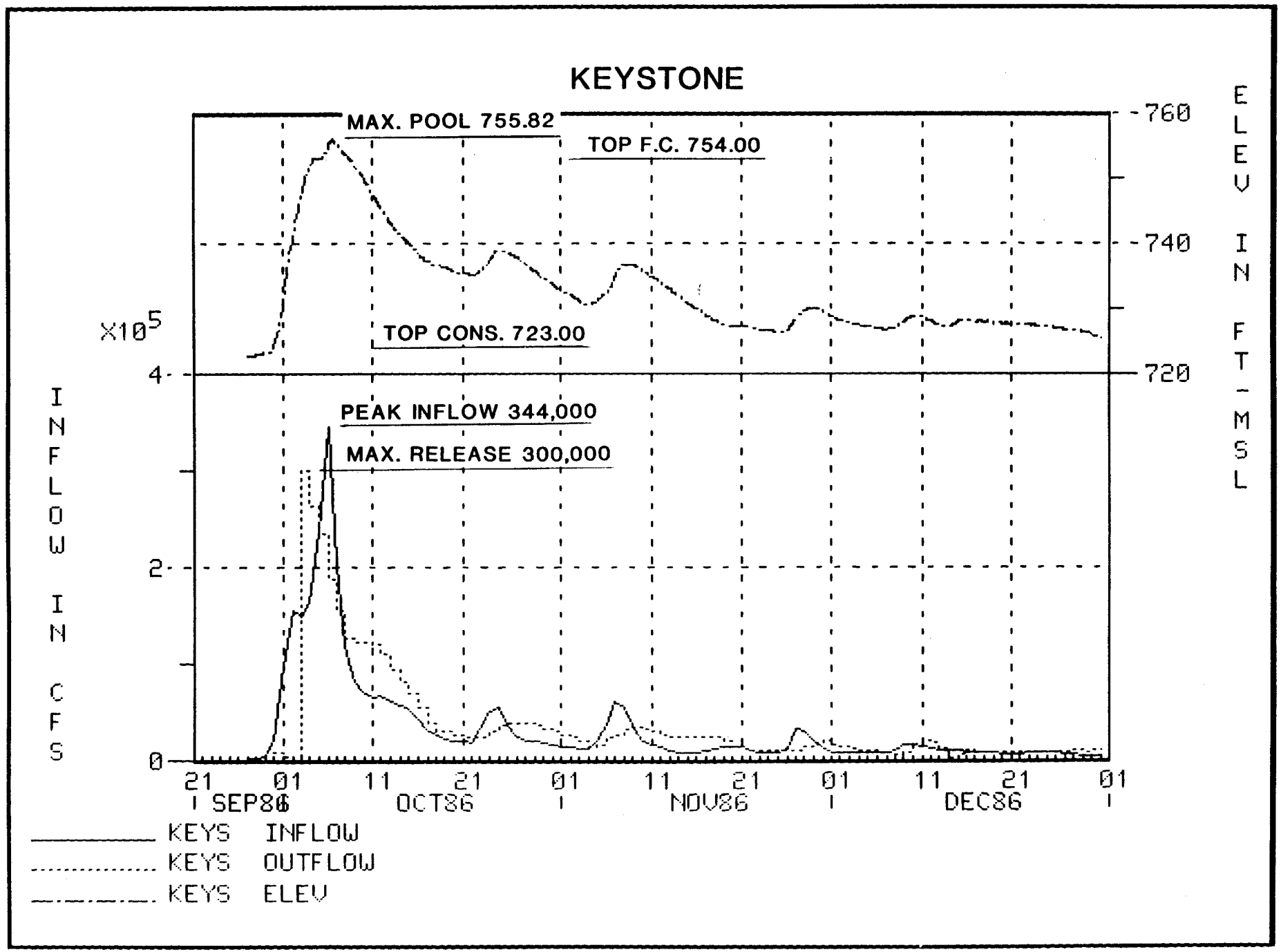
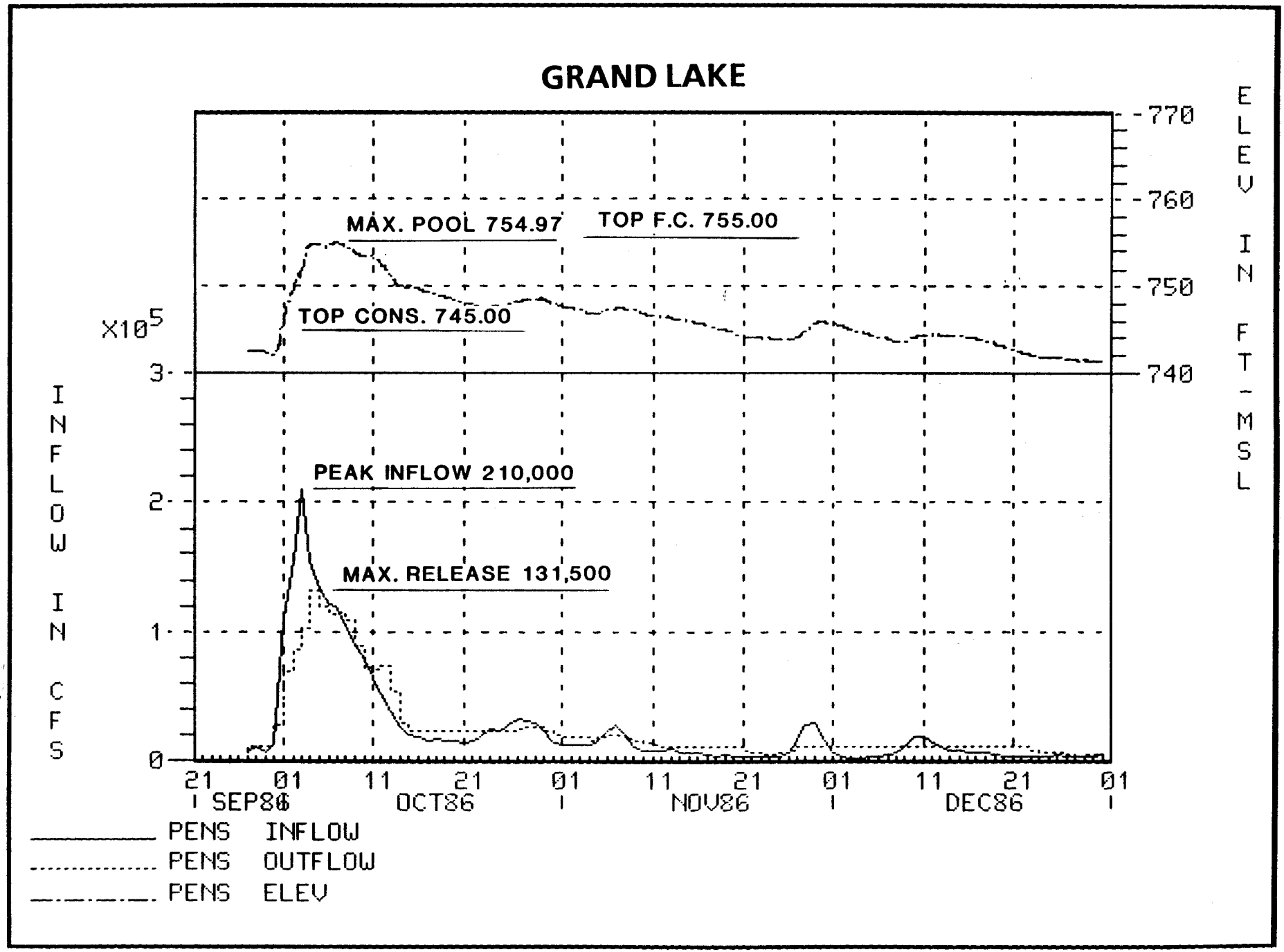
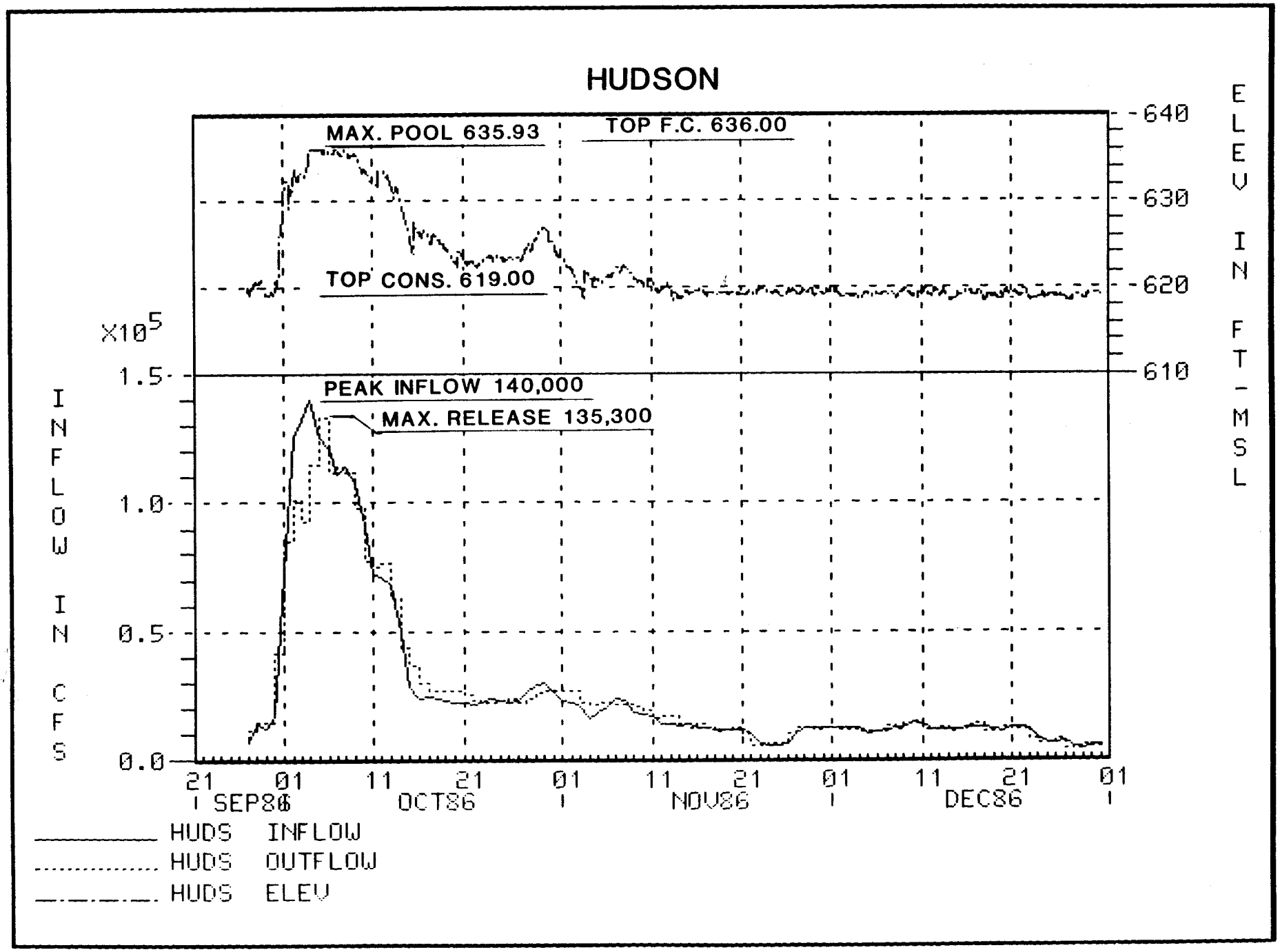
APPENDIX A

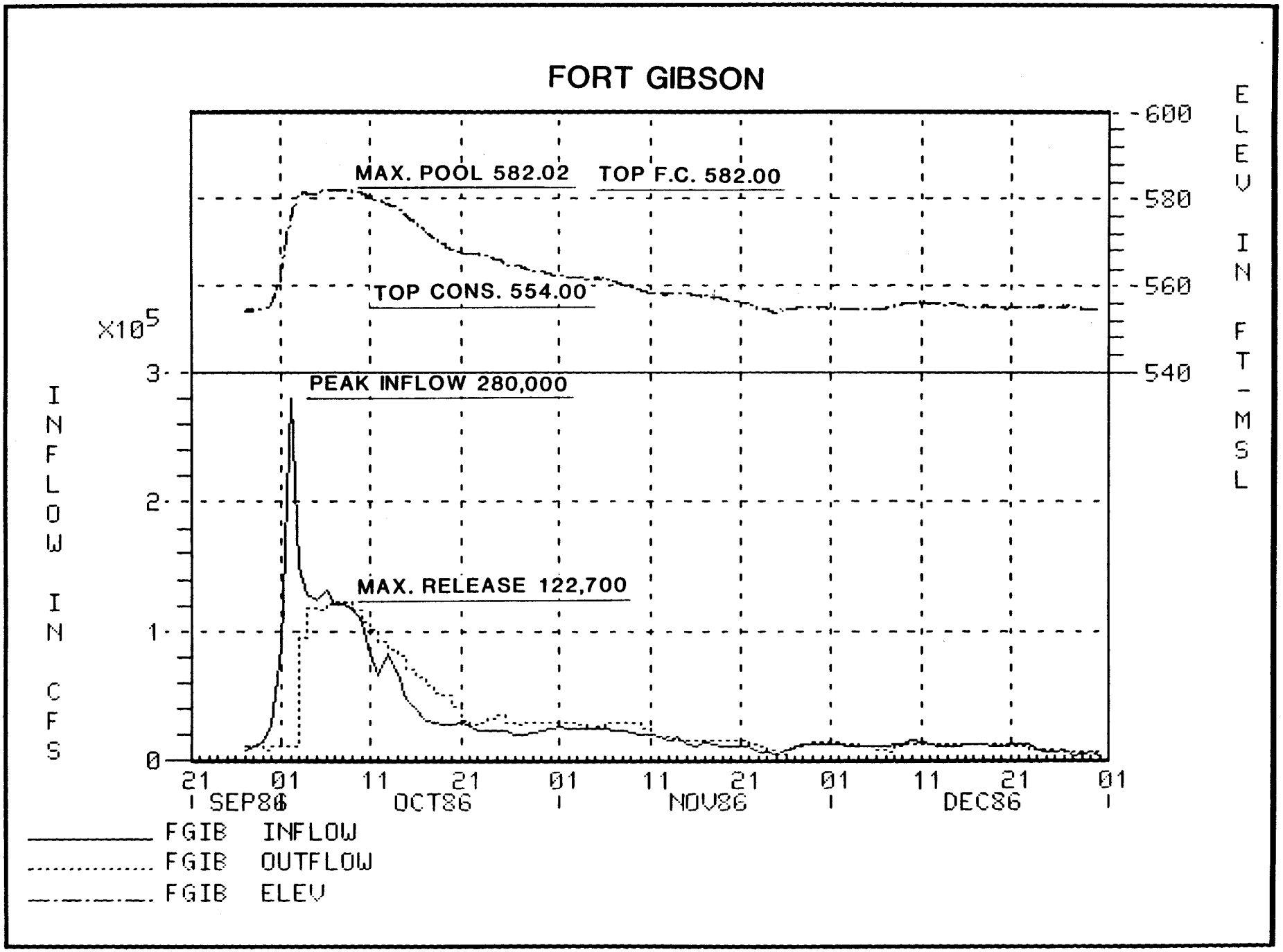
STAGES AND FLOW RATES

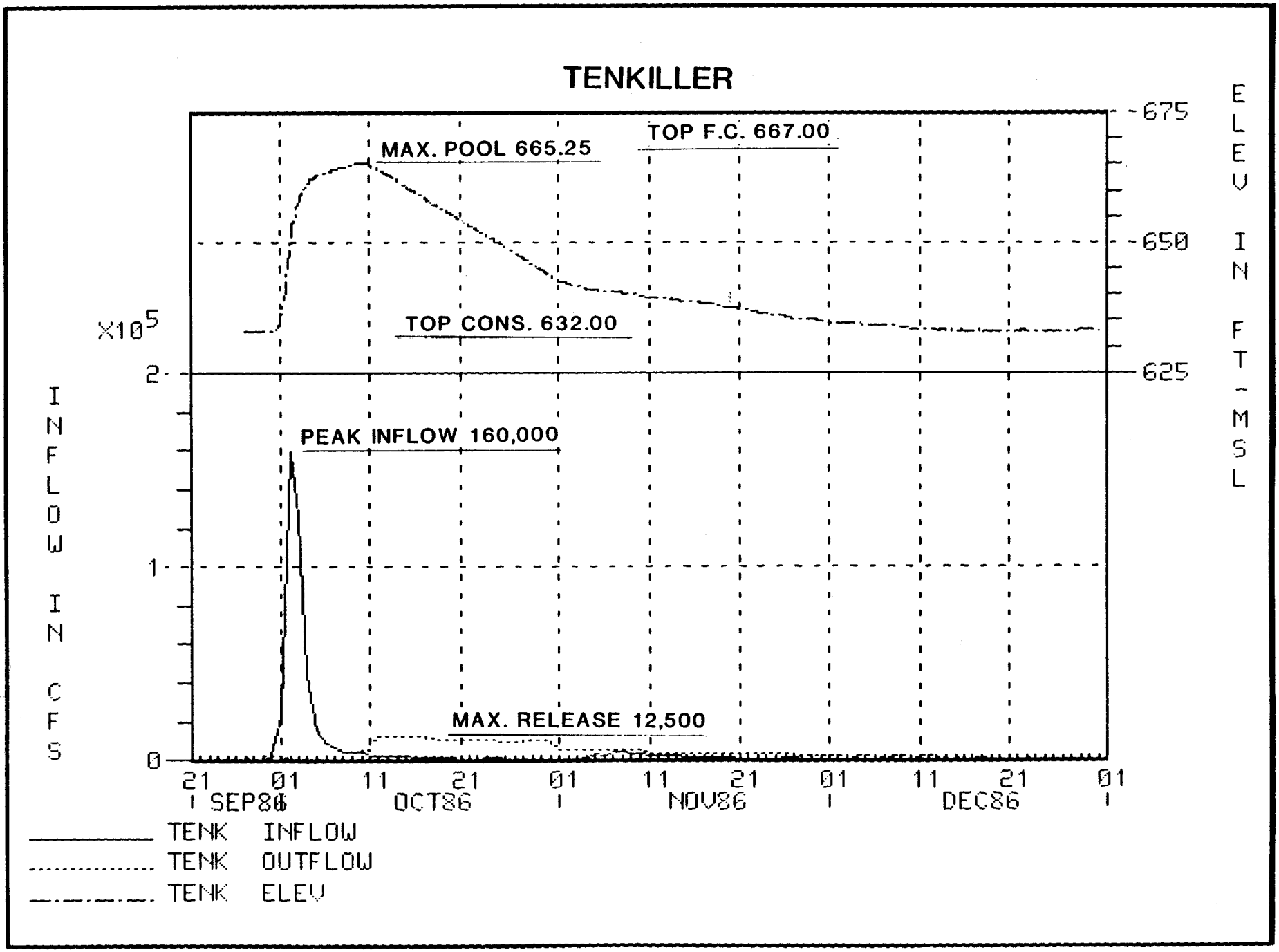

KAW
MAX. POOL 1045.51
TOP F.C. 1044.50
TOP CONS. 1010.00
PEAK INFLOW 190,000
MAX. RELEASE 39.000
X10^5
2
1
0
INFLOW IN CFS
1050
1025
1000
ELEV IN FT-MSL
21 01 11 21 01 11 21 01 11 21 01
SEP86 OCT86 NOV86 DEC86
KAWL INFLOW
KAWL OUTFLOW
KAWL ELEV

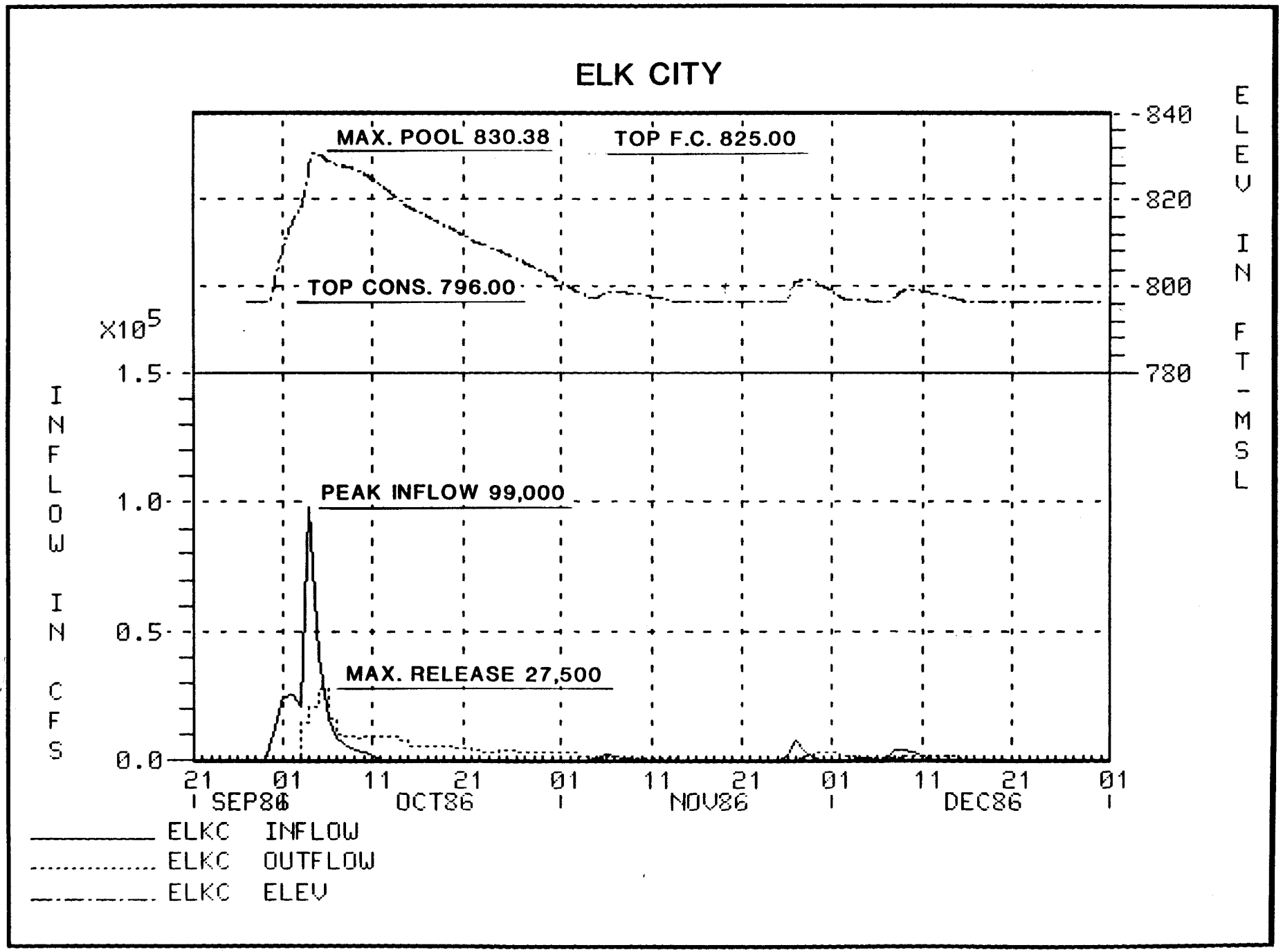

KEYSTONE
MAX. POOL 755.82
TOP F.C. 754.00
TOP CONS. 723.00
PEAK INFLOW 344,000
MAX. RELEASE 300,000
X10^5
4
2
0
INFLOW IN CFS
760
740
720
ELEV IN FT-MSL
21
01
11
21
01
11
21
01
11
21
01
SEP86
OCT86
NOV86
DEC86
KEYS INFLOW
KEYS OUTFLOW
KEYS ELEV

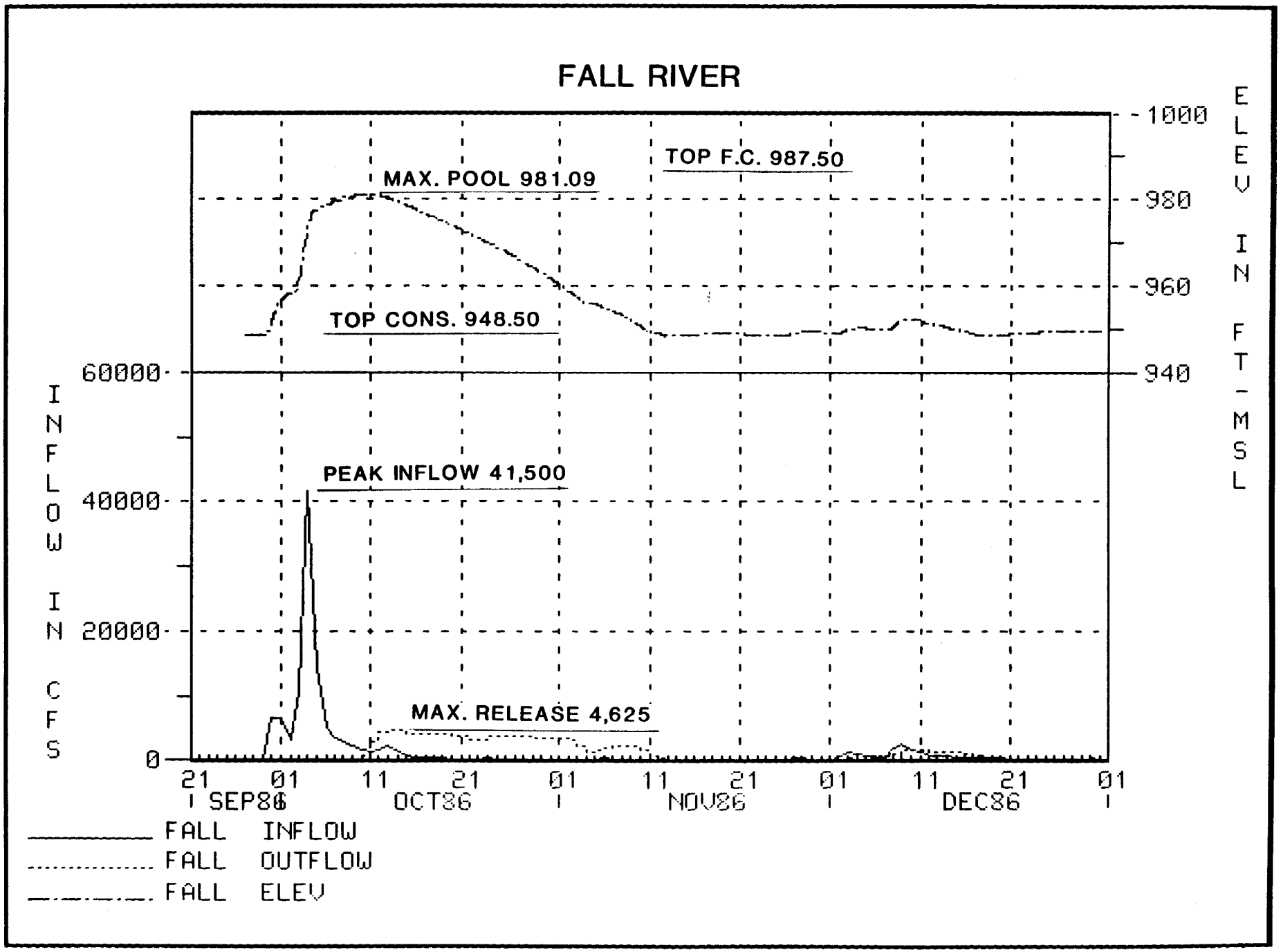

GRAND LAKE
MAX. POOL 754.97
TOP F.C. 755.00
TOP CONS. 745.00
PEAK INFLOW 210,000
MAX. RELEASE 131,500
X10^5
3
2
1
0
INFLOW IN CFS
770
760
750
740
ELEV IN FT-MSL
21
01
11
21
01
11
21
01
11
21
01
SEP86
OCT86
NOV86
DEC86
PENS INFLOW
PENS OUTFLOW
PENS ELEV

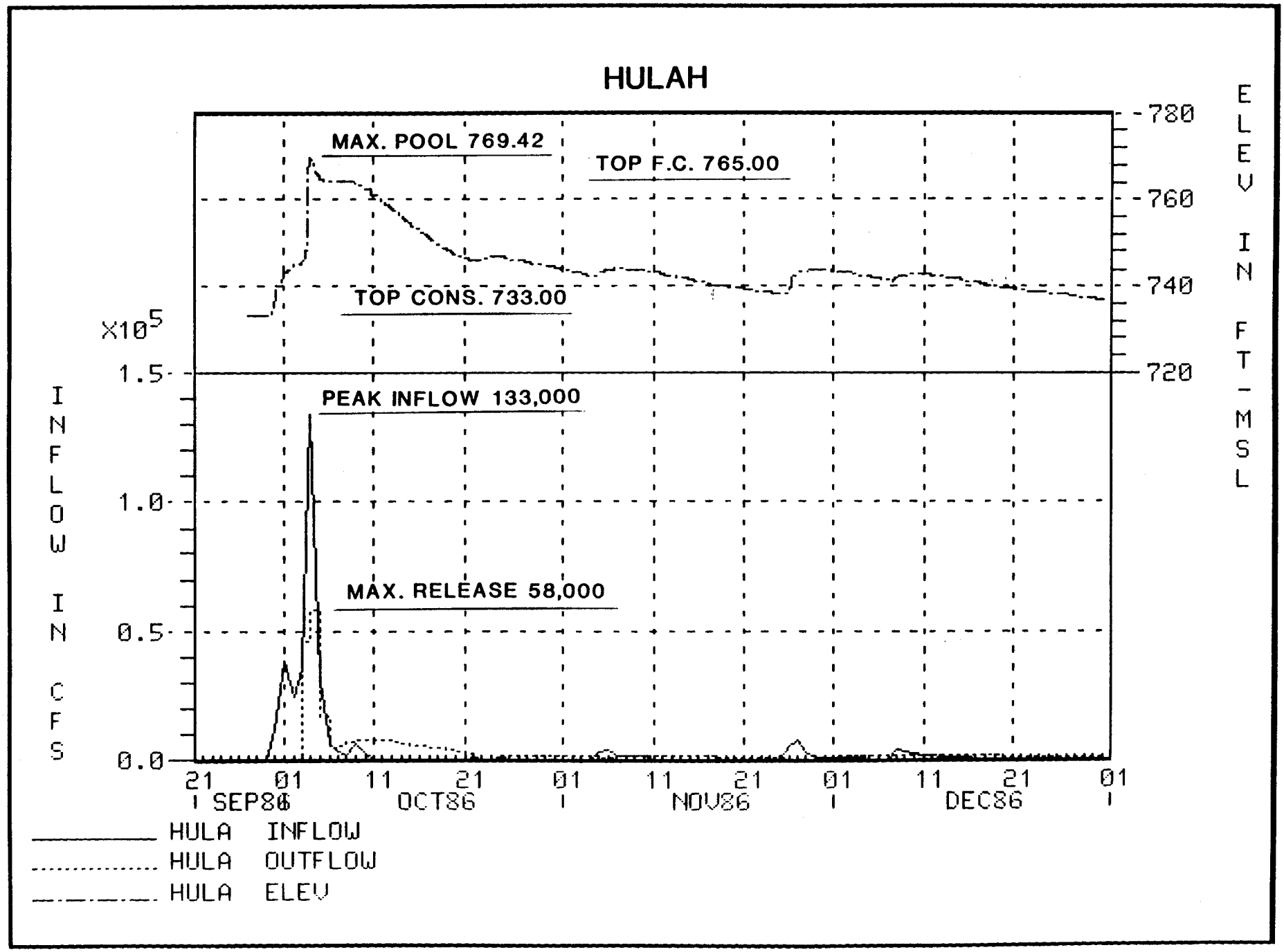

HUDSON
MAX. POOL 635.93
TOP F.C. 636.00
TOP CONS. 619.00
PEAK INFLOW 140,000
MAX. RELEASE 135,300
X10^5
1.5
1.0
0.5
0.0
INFLOW IN CFS
640
630
620
610
ELEV IN FT-MSL
21 01 11 21 01 11 21 01 11 21 01
SEP86 OCT86 NOV86 DEC86
HUDS INFLOW
HUDS OUTFLOW
HUDS ELEV

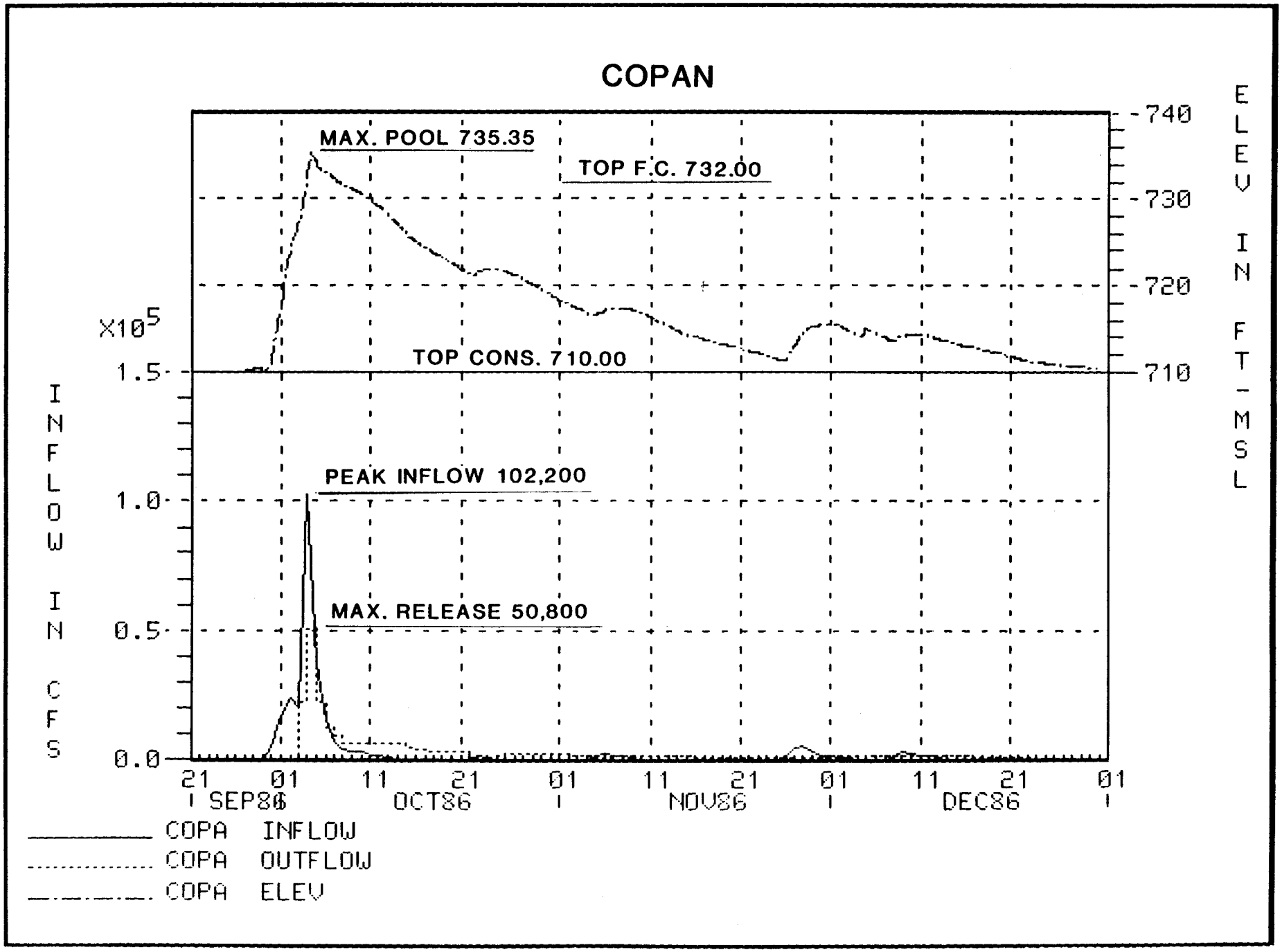

FORT GIBSON
MAX. POOL 582.02
TOP F.C. 582.00
TOP CONS. 554.00
PEAK INFLOW 280,000
MAX. RELEASE 122,700
X10^5
3
2
1
0
INFLOW IN CFS
600
580
560
540
ELEV IN FT-MSL
21
01
11
21
01
11
21
01
11
21
01
SEP86
OCT86
NOV86
DEC86
FGIB INFLOW
FGIB OUTFLOW
FGIB ELEV

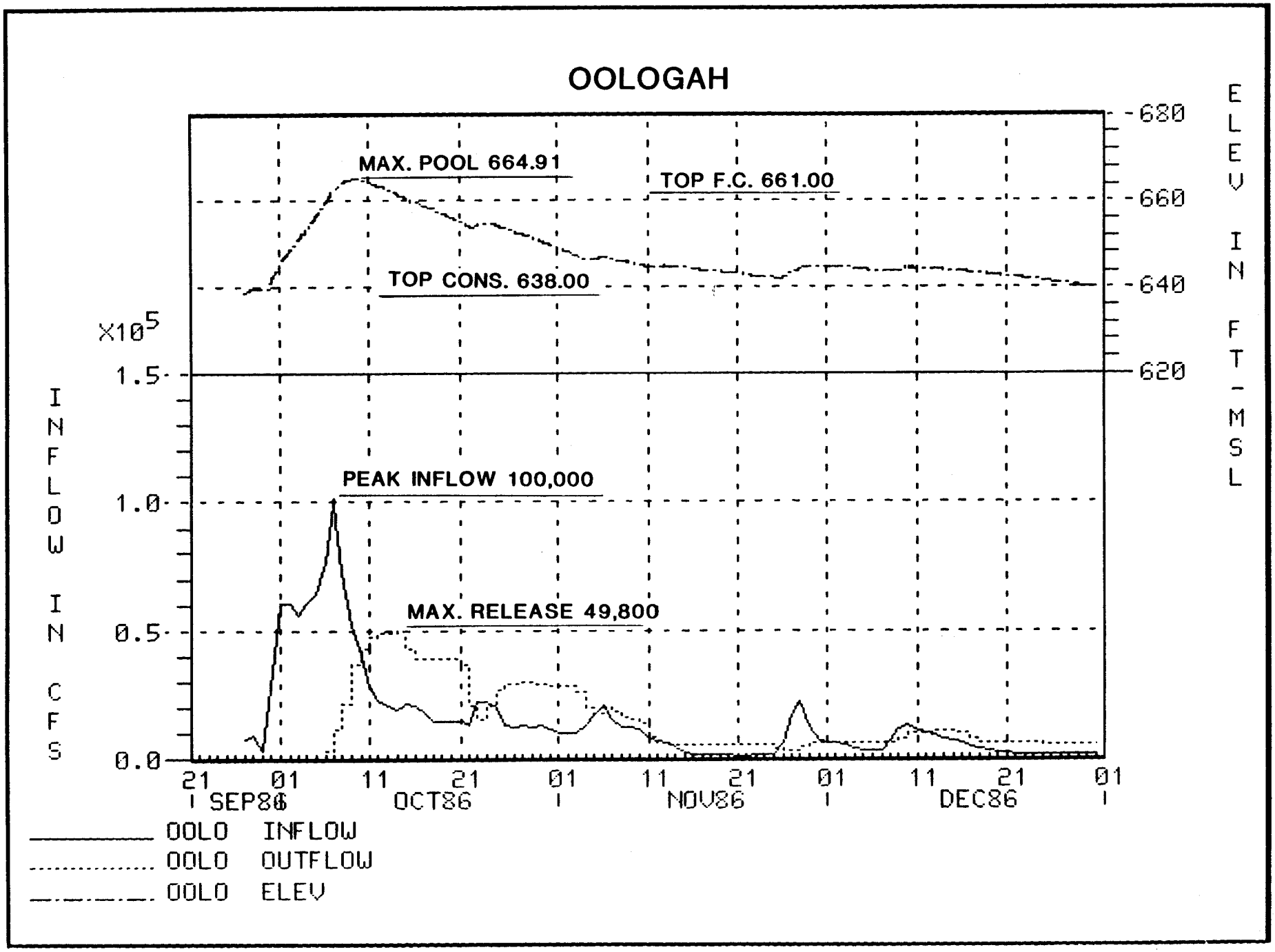

TENKILLER
MAX. POOL 665.25
TOP F.C. 667.00
TOP CONS. 632.00
PEAK INFLOW 160,000
MAX. RELEASE 12,500
X10^5
2
1
0
INFLOW IN CFS
675
650
625
ELEV IN FT-MSL
21 01 11 21 01 11 21 01 11 21 01
SEP86 OCT86 NOV86 DEC86
TENK INFLOW
TENK OUTFLOW
TENK ELEV

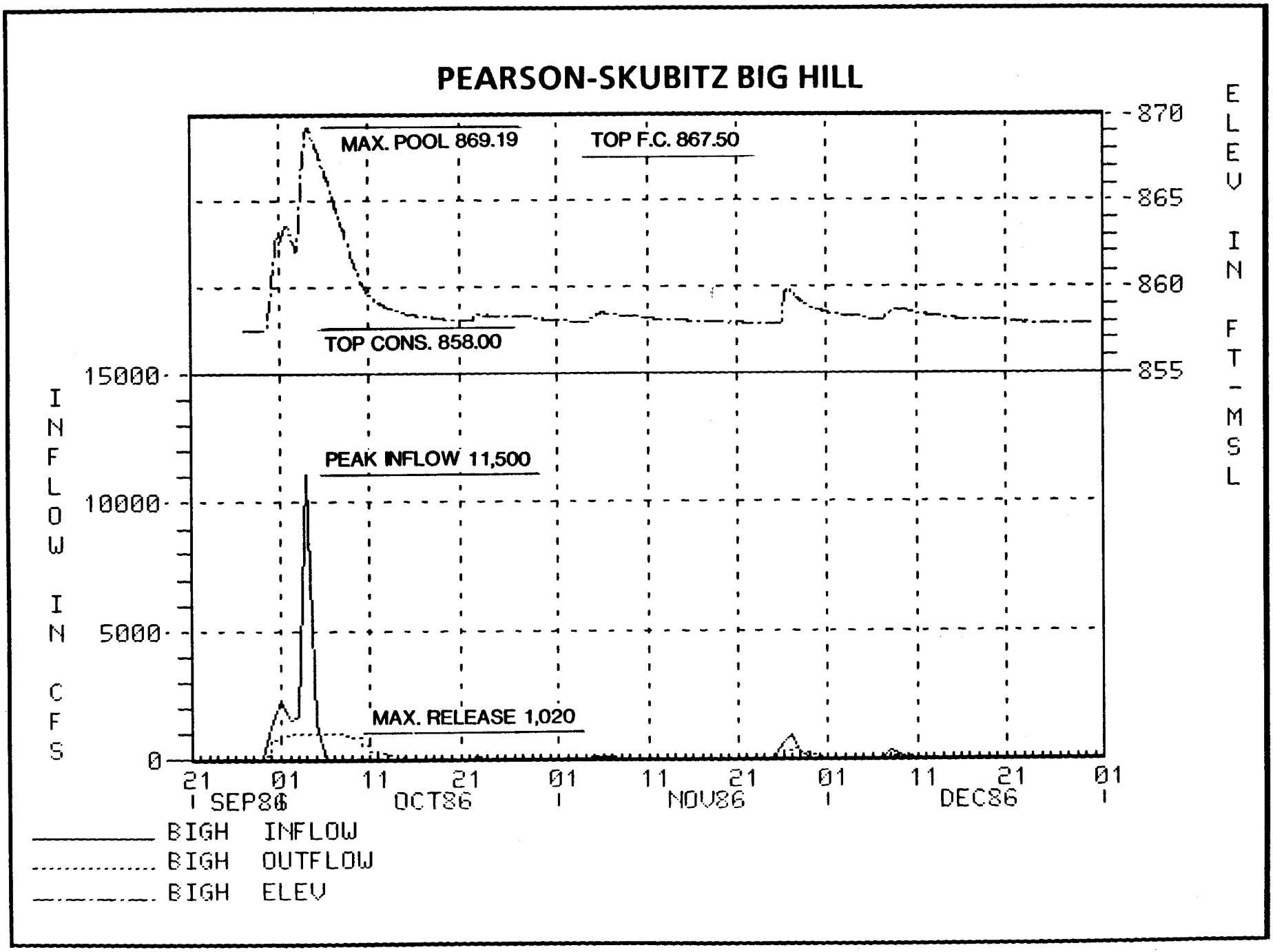

ELK CITY
MAX. POOL 830.38
TOP F.C. 825.00
TOP CONS. 796.00
PEAK INFLOW 99,000
MAX. RELEASE 27,500
X10^5
1.5
1.0
0.5
0.0
INFLOW IN CFS
840
820
800
780
ELEV IN FT-MSL
21
01
11
21
01
11
21
01
11
21
01
SEP86
OCT86
NOV86
DEC86
ELKC INFLOW
ELKC OUTFLOW
ELKC ELEV

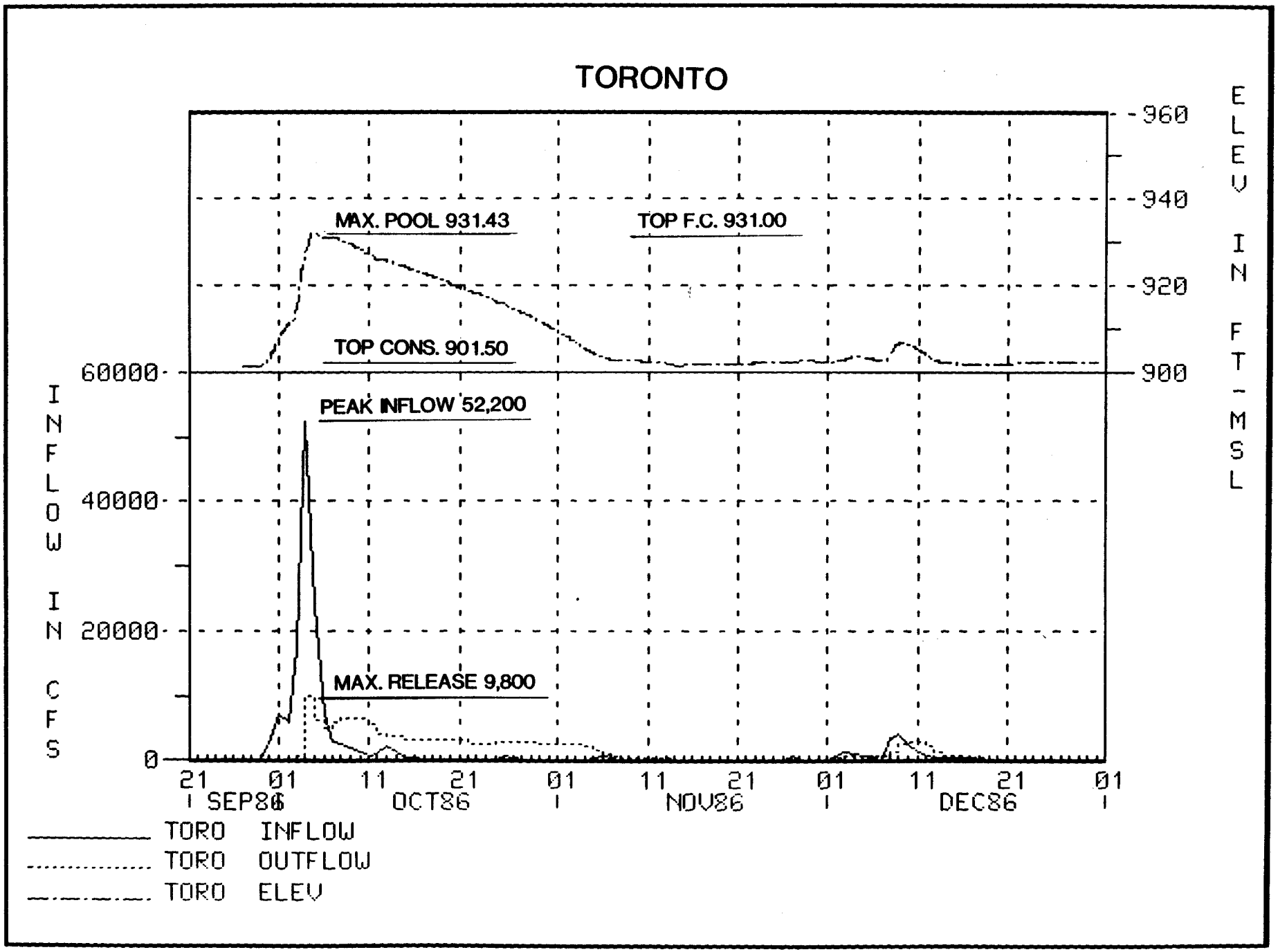

FALL RIVER
MAX. POOL 981.09
TOP F.C. 987.50
TOP CONS. 948.50
PEAK INFLOW 41,500
MAX. RELEASE 4,625
INFLOW IN CFS
60000
40000
20000
0
ELEV IN FT-MSL
1000
980
960
940
21 01 11 21 01 11 21 01 11 21 01
SEP86 OCT86 NOV86 DEC86
FALL INFLOW
FALL OUTFLOW
FALL ELEV

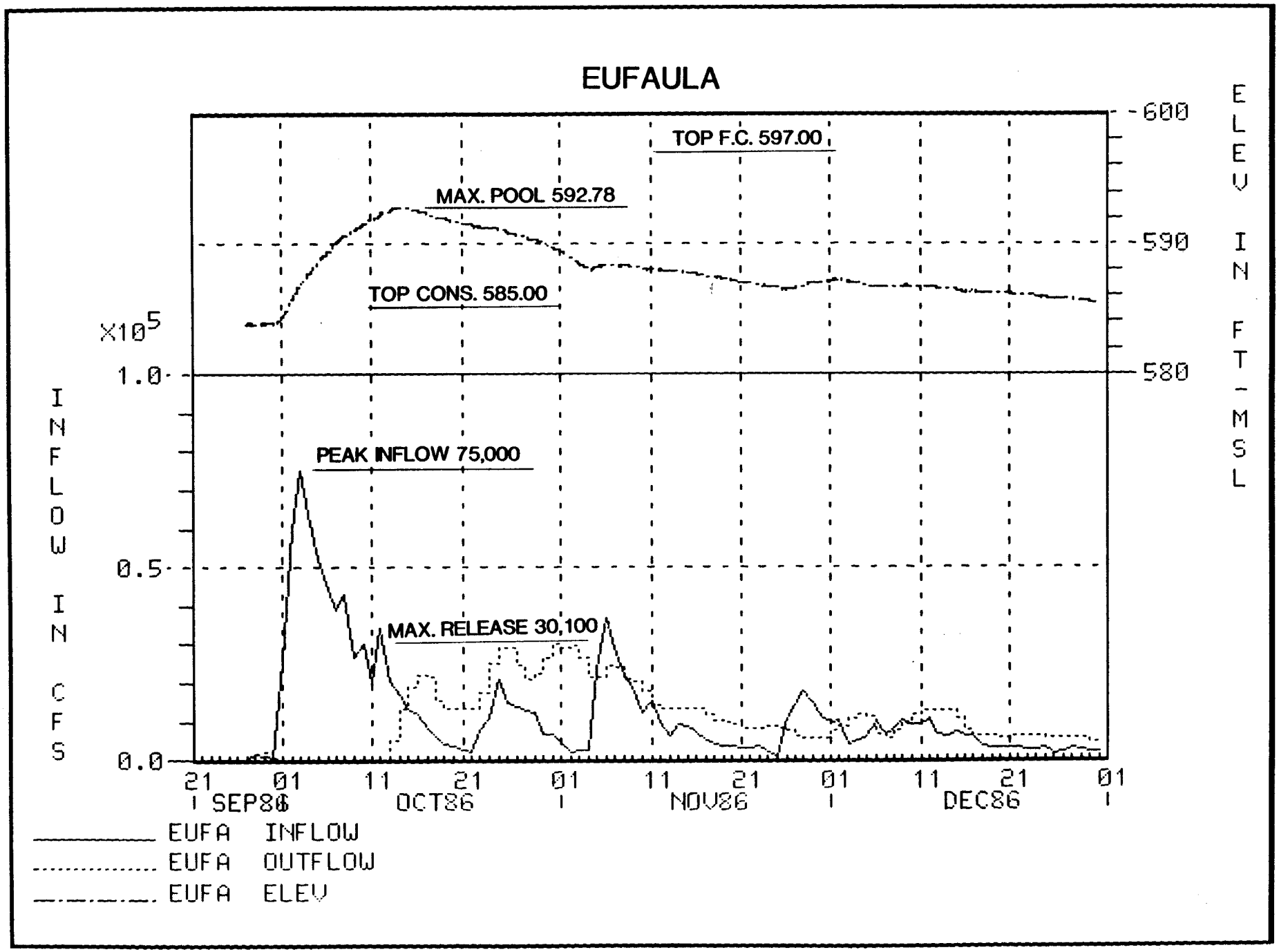

HULAH
MAX. POOL 769.42
TOP F.C. 765.00
TOP CONS. 733.00
PEAK INFLOW 133,000
MAX. RELEASE 58,000
X10^5
1.5
1.0
0.5
0.0
INFLOW IN CFS
780
760
740
720
ELEV IN FT-MSL
21
01
11
21
01
11
21
01
11
21
01
SEP86
OCT86
NOV86
DEC86
HULA INFLOW
HULA OUTFLOW
HULA ELEV

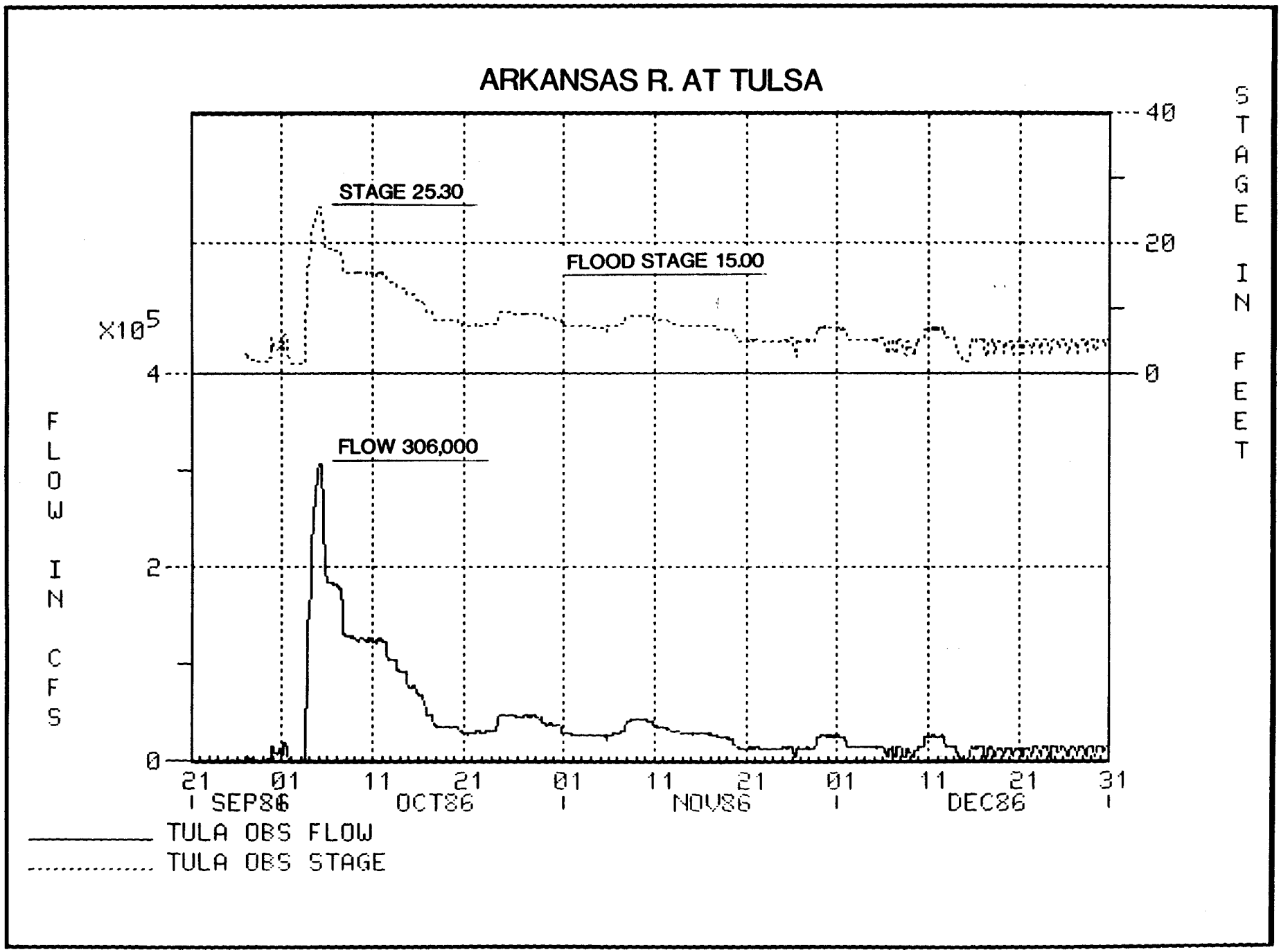

COPAN
MAX. POOL 735.35
TOP F.C. 732.00
TOP CONS. 710.00
PEAK INFLOW 102,200
MAX. RELEASE 50,800
X10^5
1.5
1.0
0.5
0.0
INFLOW IN CFS
740
730
720
710
ELEV IN FT-MSL
21 01 11 21 01 11 21 01 11 21 01
SEP86 OCT86 NOV86 DEC86
COPA INFLOW
COPA OUTFLOW
COPA ELEV

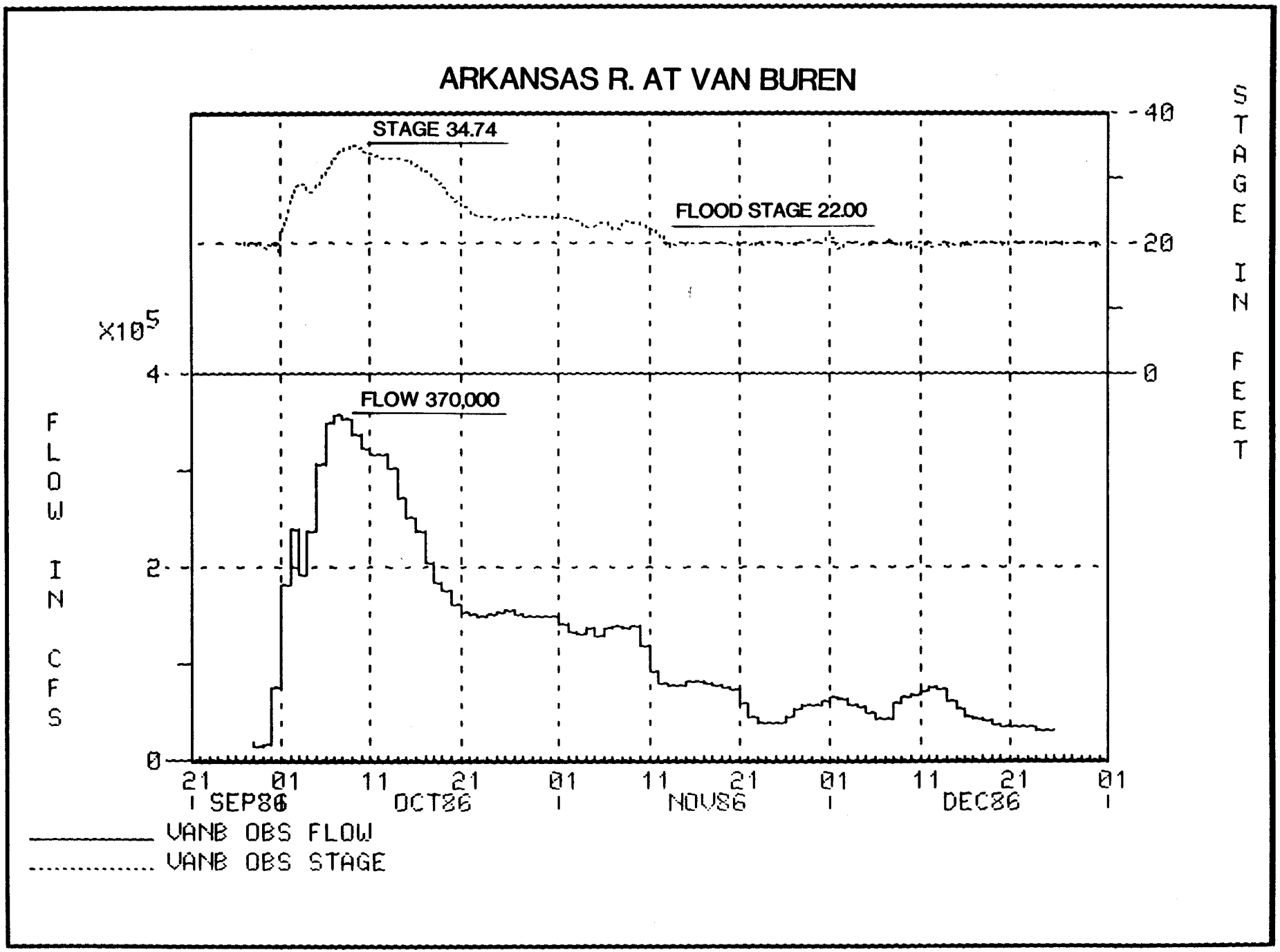

OOLOGAH
MAX. POOL 664.91
TOP F.C. 661.00
TOP CONS. 638.00
PEAK INFLOW 100,000
MAX. RELEASE 49,800
X10^5
1.5
1.0
0.5
0.0
INFLOW IN CFS
680
660
640
620
ELEV IN FT-MSL
21 01 11 21 01 11 21 01 11 21 01
SEP86 OCT86 NOV86 DEC86
OOLO INFLOW
OOLO OUTFLOW
OOLO ELEV

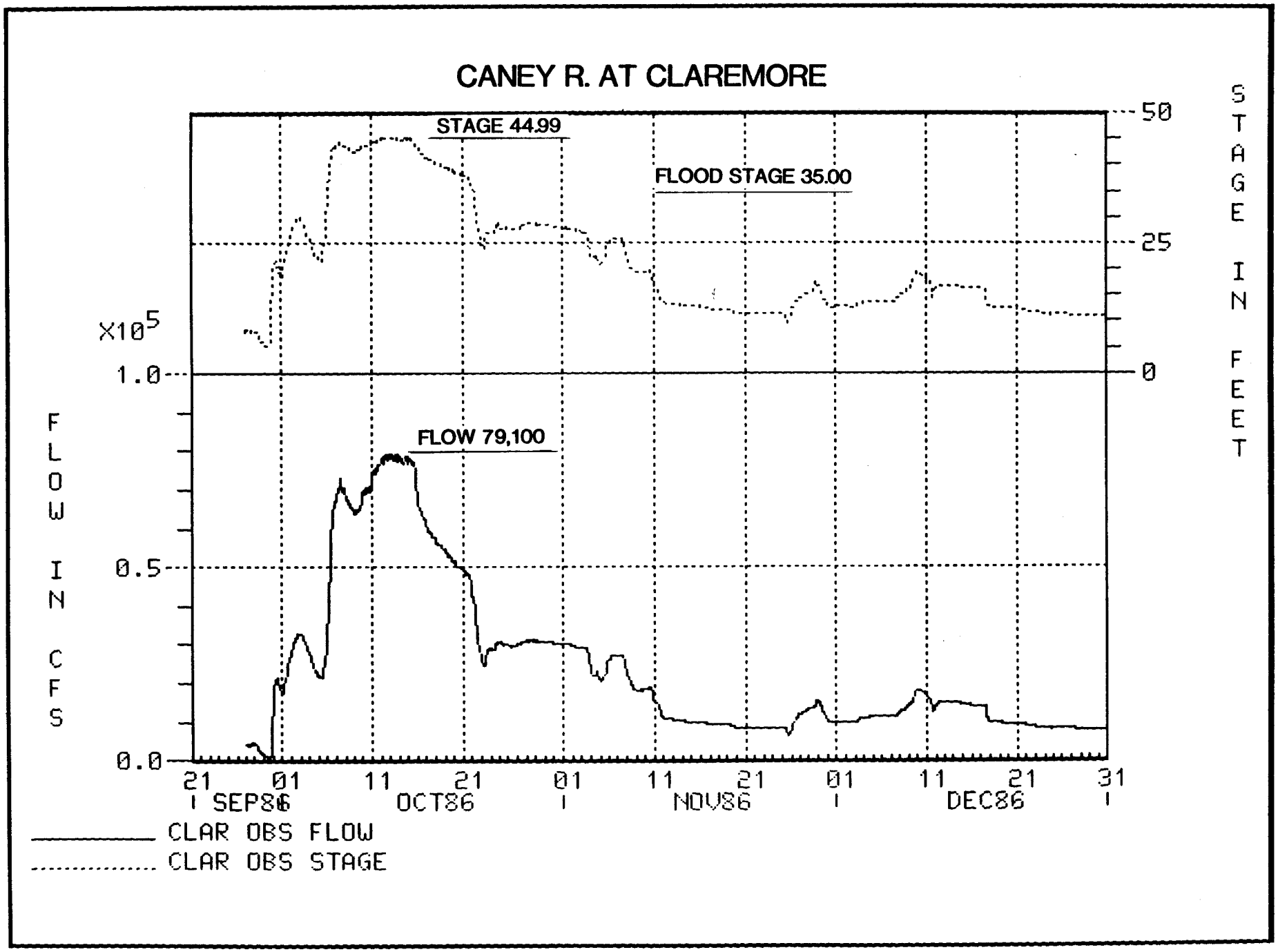

PEARSON-SKUBITZ BIG HILL
MAX. POOL 869.19
TOP F.C. 867.50
TOP CONS. 858.00
PEAK INFLOW 11,500
MAX. RELEASE 1,020
INFLOW IN CFS
15000
10000
5000
0
ELEV IN FT-MSL
870
865
860
855
21
01
11
21
01
11
21
01
11
21
01
SEP86
OCT86
NOV86
DEC86
BIGH INFLOW
BIGH OUTFLOW
BIGH ELEV

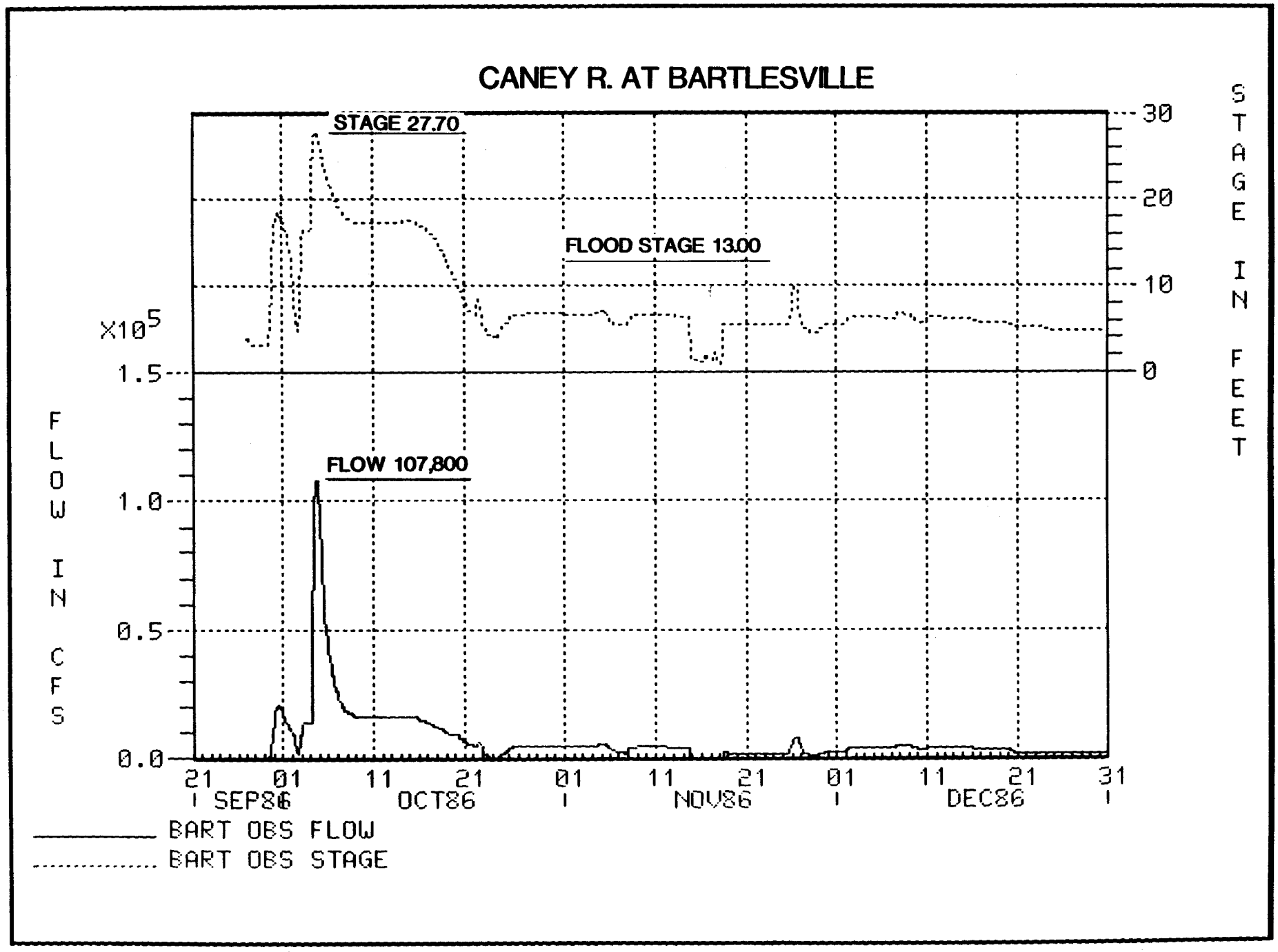

TORONTO
MAX. POOL 931.43
TOP F.C. 931.00
TOP CONS. 901.50
PEAK INFLOW 52,200
MAX. RELEASE 9,800
INFLOW IN CFS
60000
40000
20000
0
ELEV IN FT-MSL
960
940
920
900
21
01
11
21
01
11
21
01
11
21
01
SEP86
OCT86
NOV86
DEC86
TORO INFLOW
TORO OUTFLOW
TORO ELEV

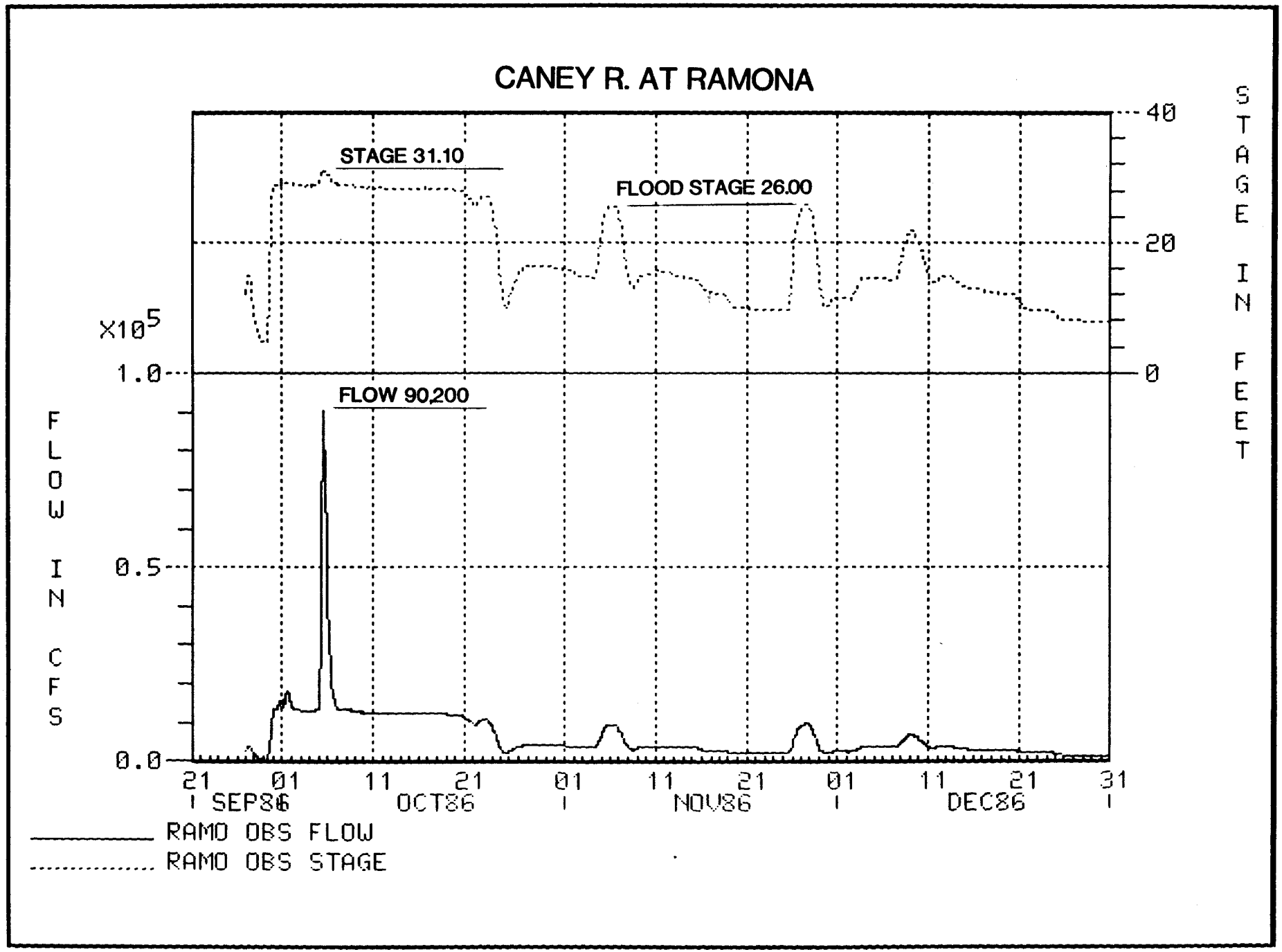

EUFAULA
TOP F.C. 597.00
MAX. POOL 592.78
TOP CONS. 585.00
PEAK INFLOW 75,000
MAX. RELEASE 30,100
X10^5
1.0
0.5
0.0
INFLOW IN CFS
600
590
580
ELEV IN FT-MSL
21 01 11 21 01 11 21 01 11 21 01
SEP86 OCT86 NOV86 DEC86
EUFA INFLOW
EUFA OUTFLOW
EUFA ELEV

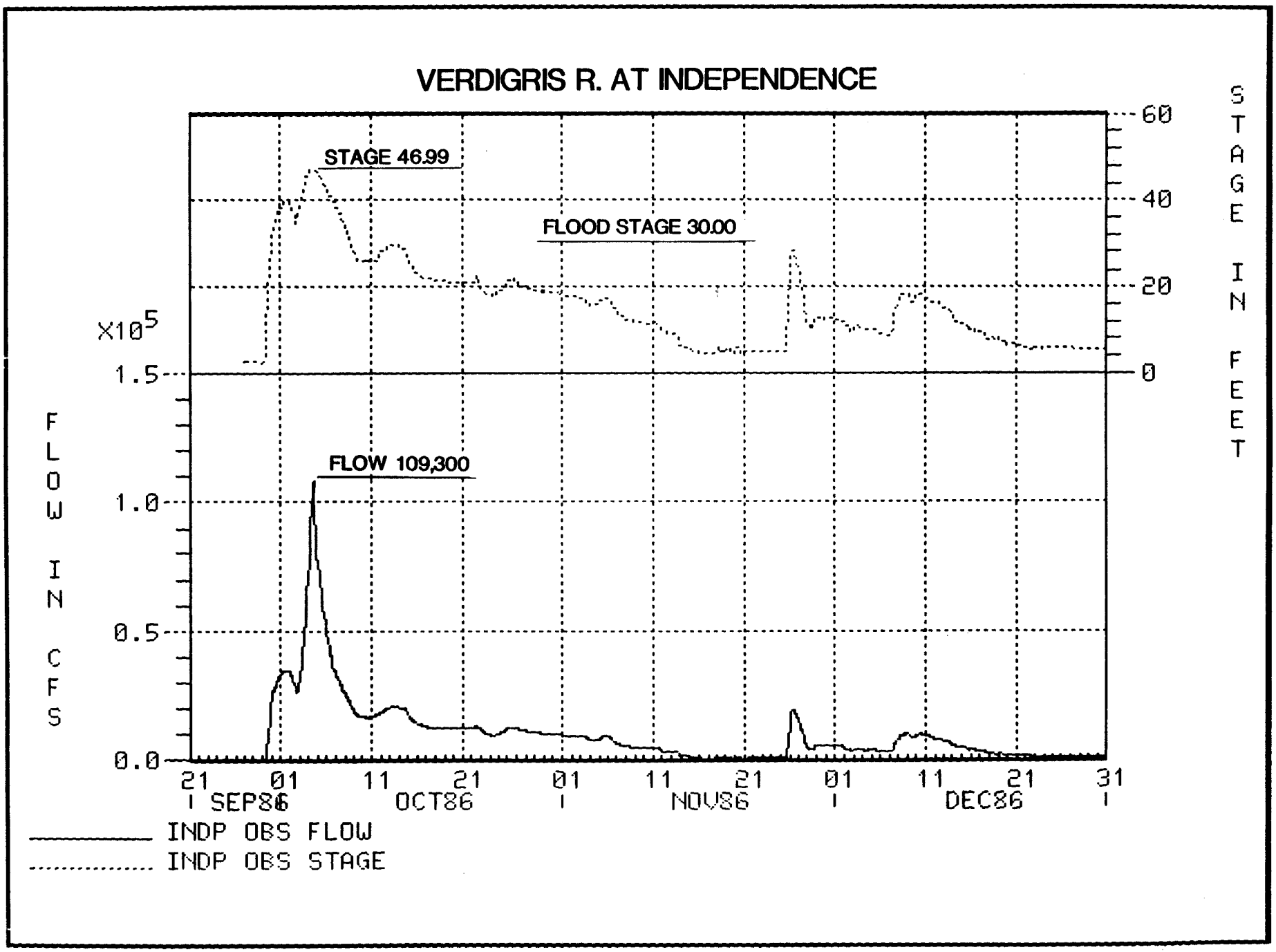

ARKANSAS R. AT TULSA
STAGE 25.30
FLOOD STAGE 15.00
FLOW 306,000
X10^5
4
2
0
FLOW IN CFS
40
20
0
STAGE IN FEET
21
01
11
21
01
11
21
01
11
21
31
SEP86
OCT86
NOV86
DEC86
TULA OBS FLOW
TULA OBS STAGE


ARKANSAS R. AT VAN BUREN
STAGE 34.74
FLOOD STAGE 22.00
FLOW 370,000
X10^5
4
2
0
FLOW IN CFS
40
20
0
STAGE IN FEET
21
01
11
21
01
11
21
01
11
21
01
SEP86
OCT86
NOV86
DEC86
VANB OBS FLOW
VANB OBS STAGE


CANEY R. AT CLAREMORE
STAGE 44.99
FLOOD STAGE 35.00
FLOW 79,100
X10^5
1.0
0.5
0.0
FLOW IN CFS
50
25
0
STAGE IN FEET
21
01
11
21
01
11
21
01
11
21
31
SEP86
OCT86
NOV86
DEC86
CLAR OBS FLOW
CLAR OBS STAGE


CANEY R. AT BARTLESVILLE
STAGE 27.70
FLOOD STAGE 13.00
FLOW 107,800
X10^5
1.5
1.0
0.5
0.0
FLOW IN CFS
30
20
10
0
STAGE IN FEET
21
01
11
21
01
11
21
01
11
21
31
SEP86
OCT86
NOV86
DEC86
BART OBS FLOW
BART OBS STAGE


CANEY R. AT RAMONA
STAGE 31.10
FLOOD STAGE 26.00
FLOW 90,200
X10^5
1.0
0.5
0.0
FLOW IN CFS
40
20
0
STAGE IN FEET
21
01
11
21
01
11
21
01
11
21
31
SEP86
OCT86
NOV86
DEC86
RAMO OBS FLOW
RAMO OBS STAGE


VERDIGRIS R. AT INDEPENDENCE
STAGE 46.99
FLOOD STAGE 30.00
FLOW 109,300
X10^5
1.5
1.0
0.5
0.0
FLOW IN CFS
60
40
20
0
STAGE IN FEET
21
01
11
21
01
11
21
01
11
21
31
SEP86
OCT86
NOV86
DEC86
INDP OBS FLOW
INDP OBS STAGE