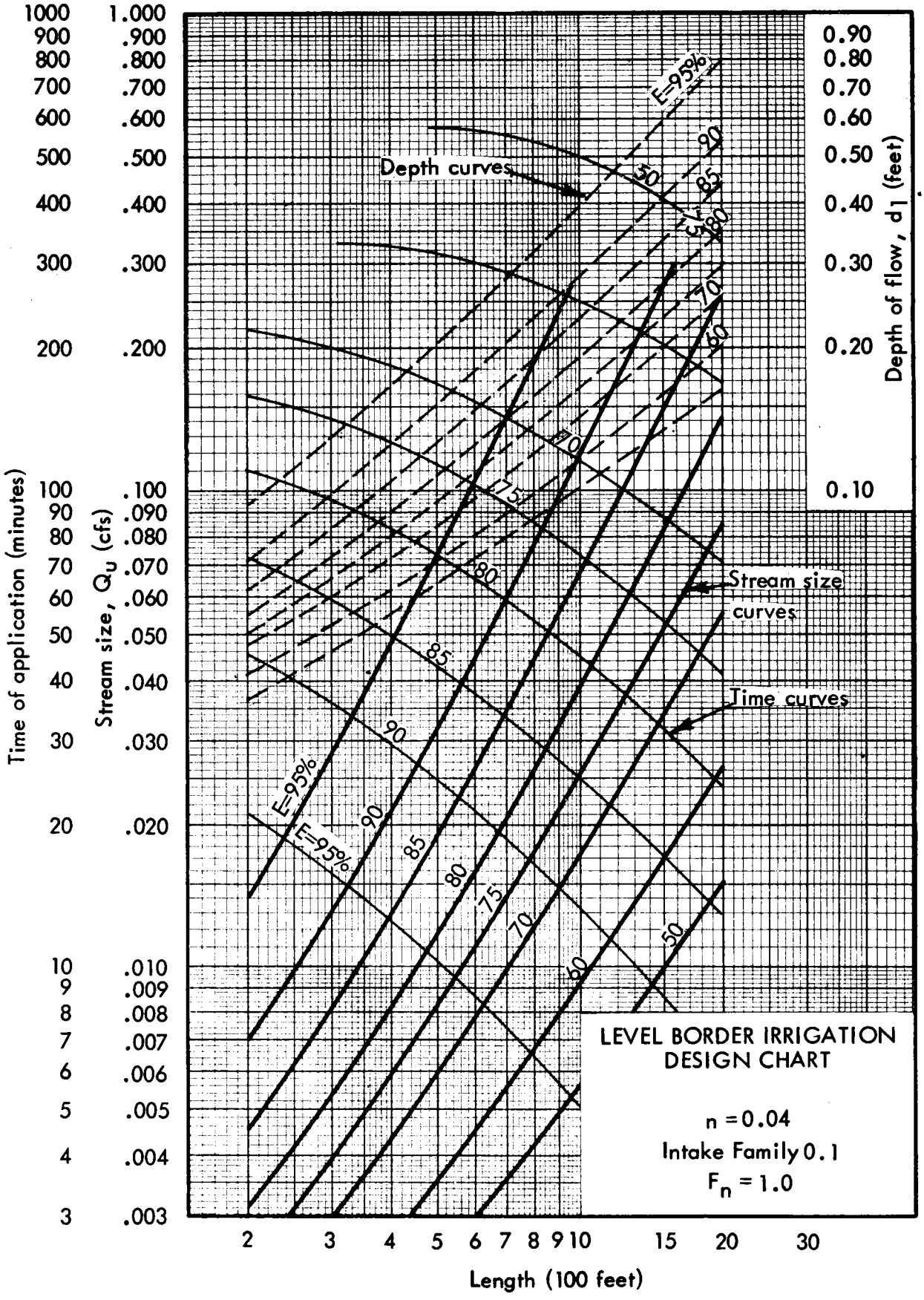
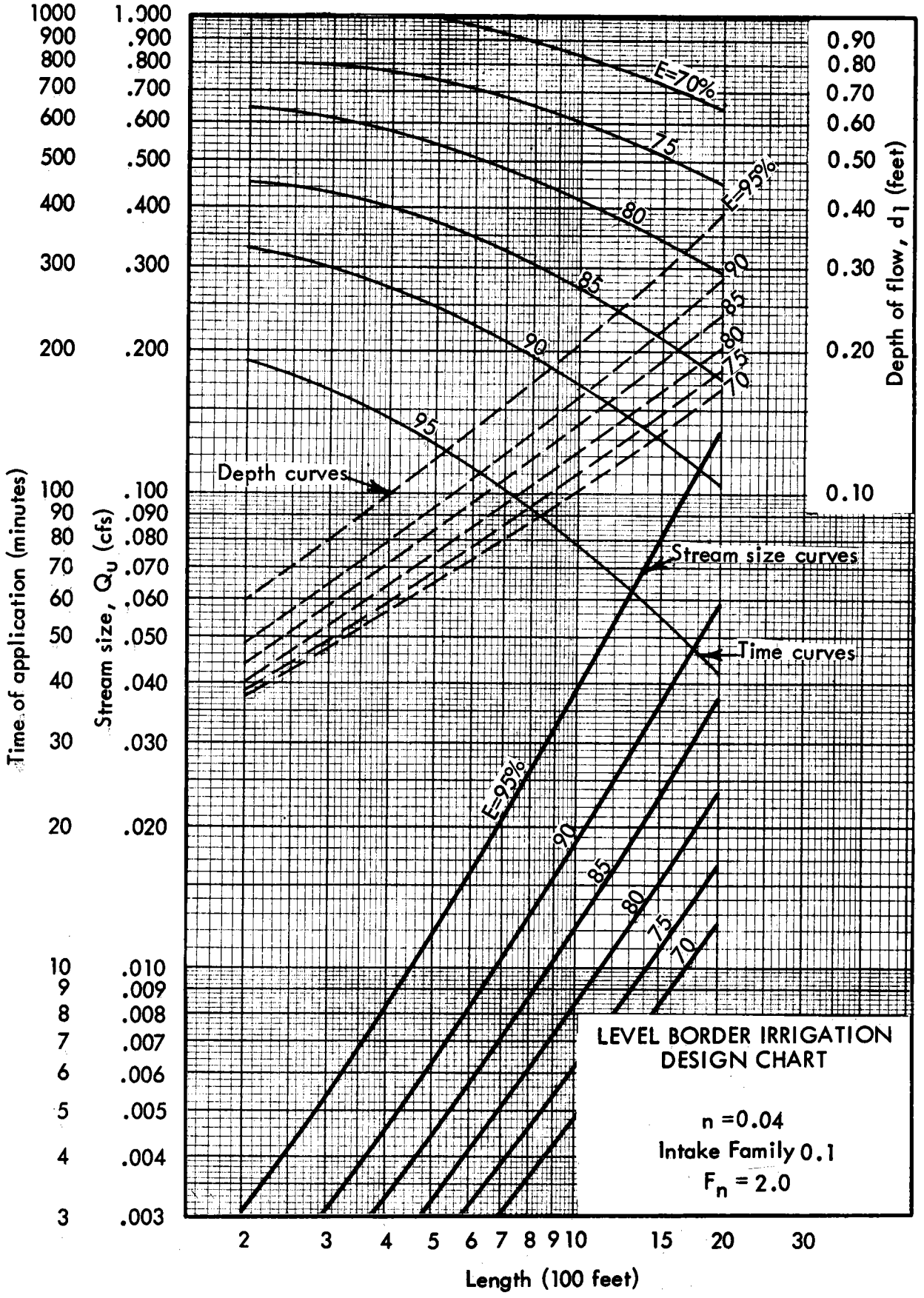
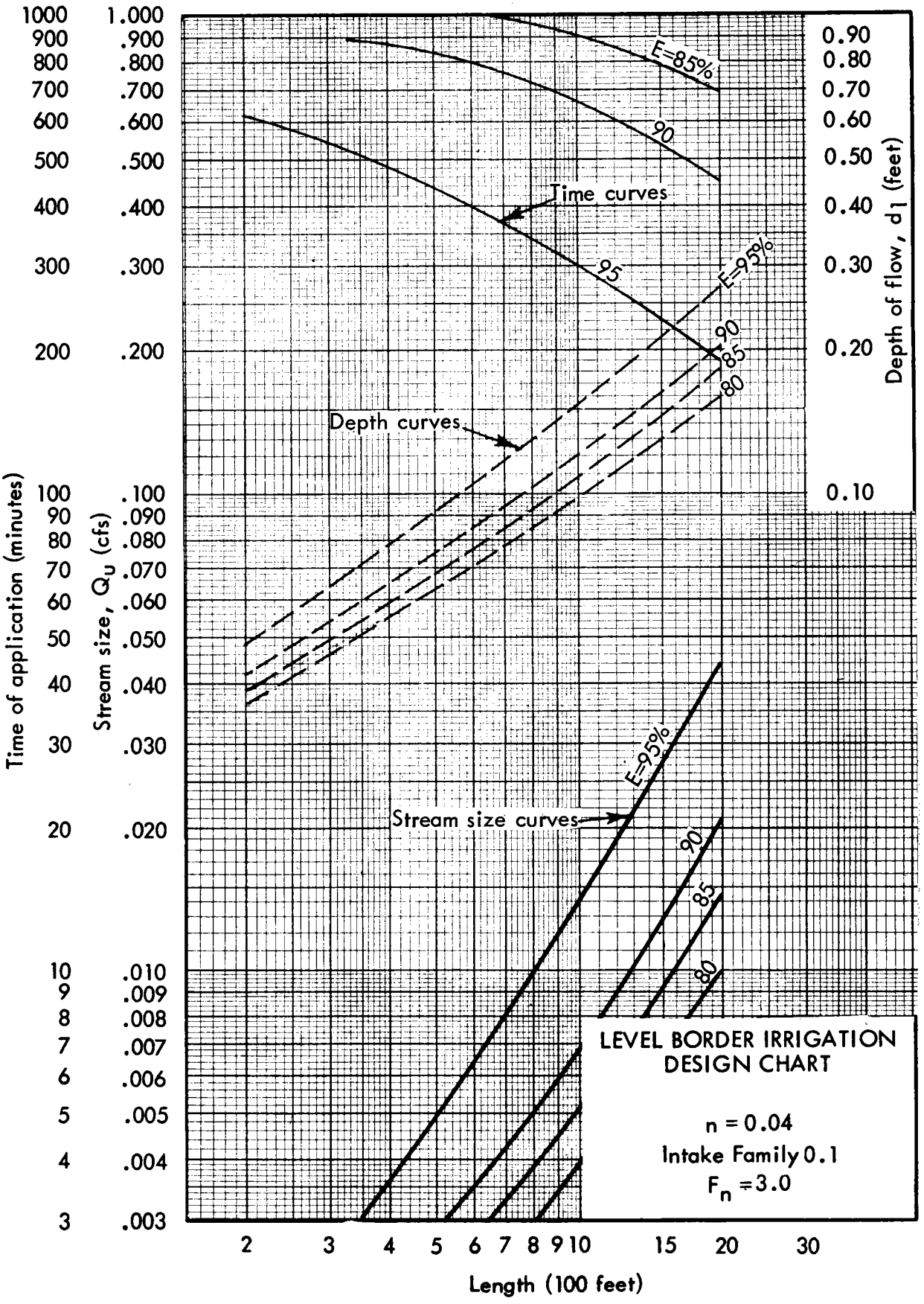
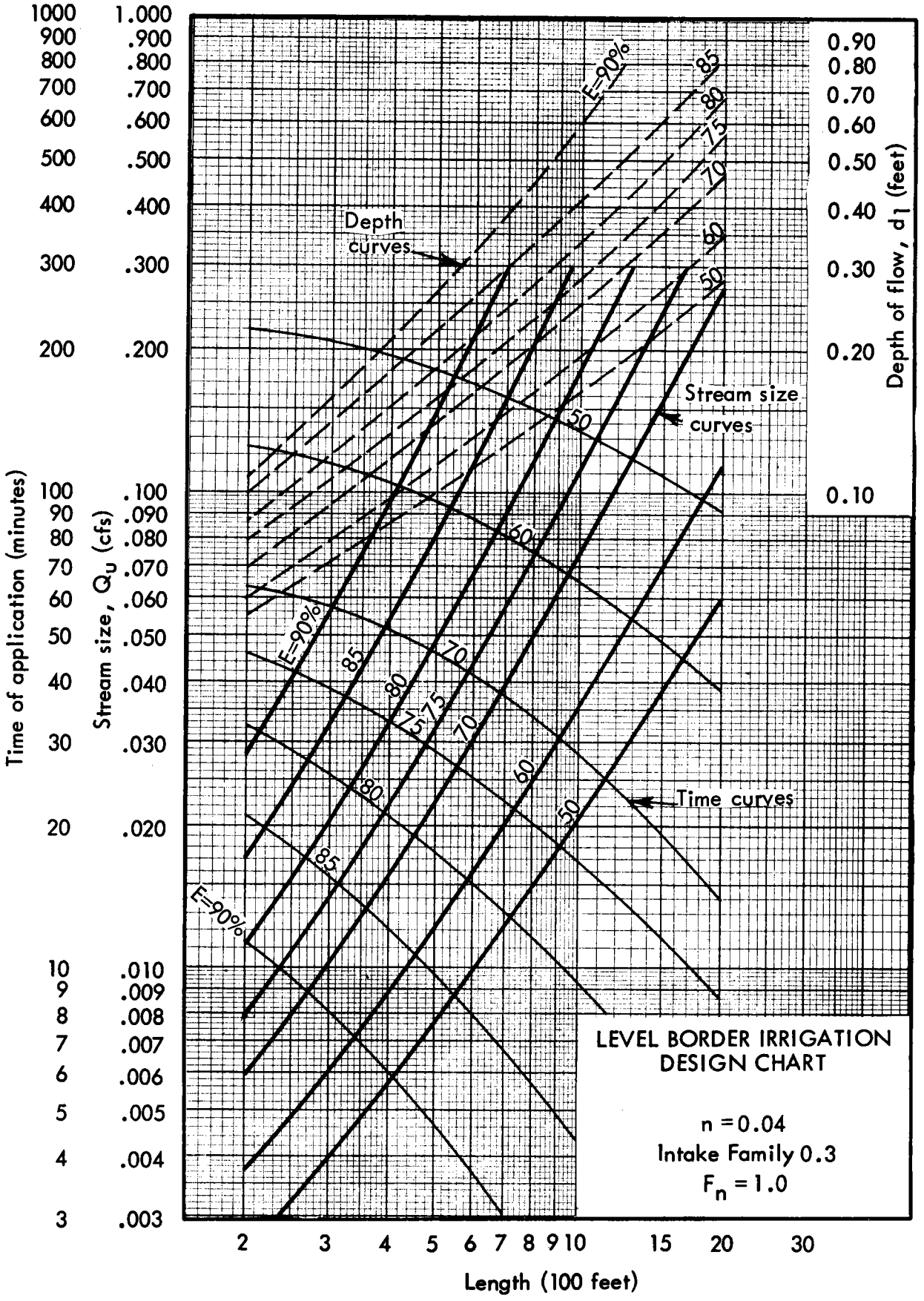
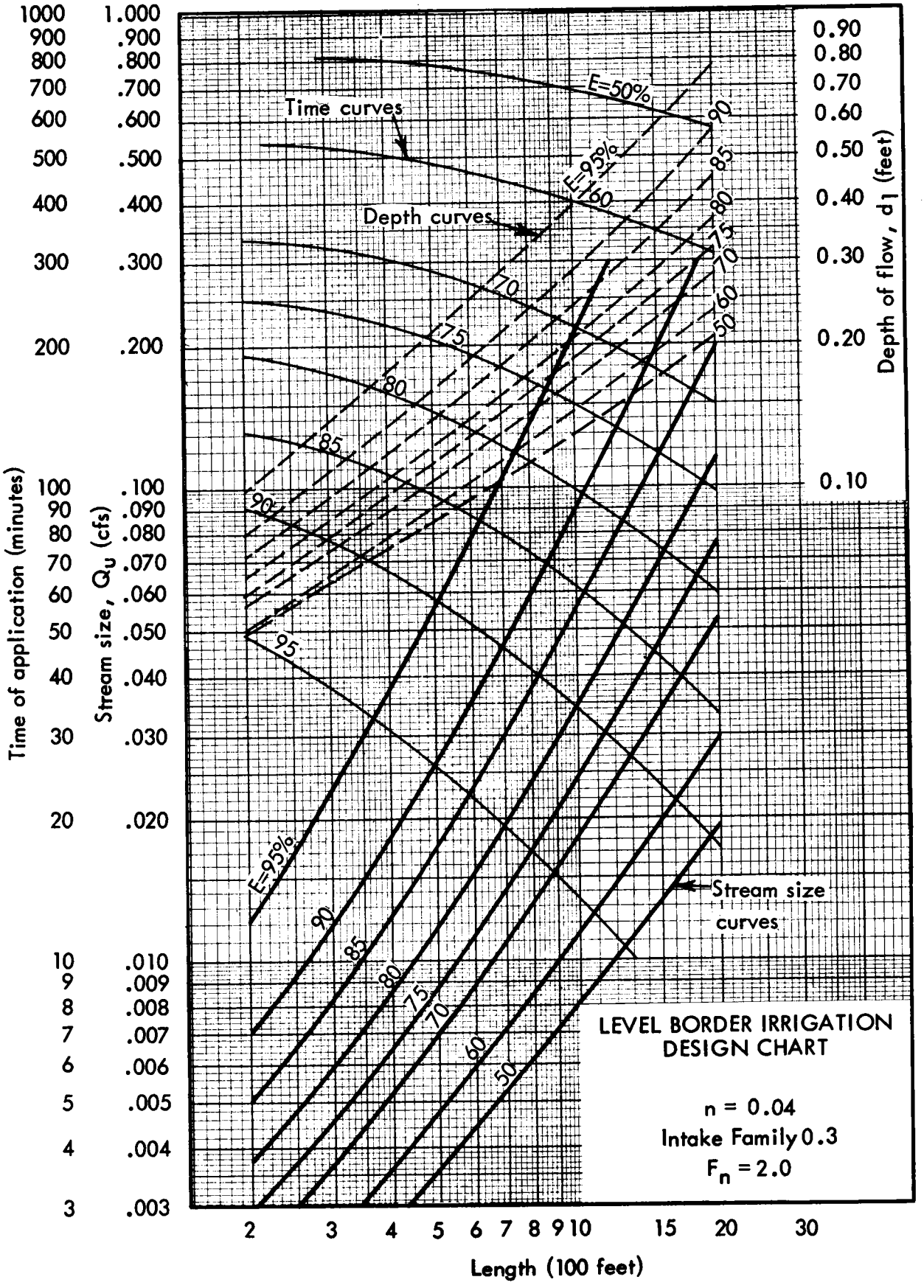
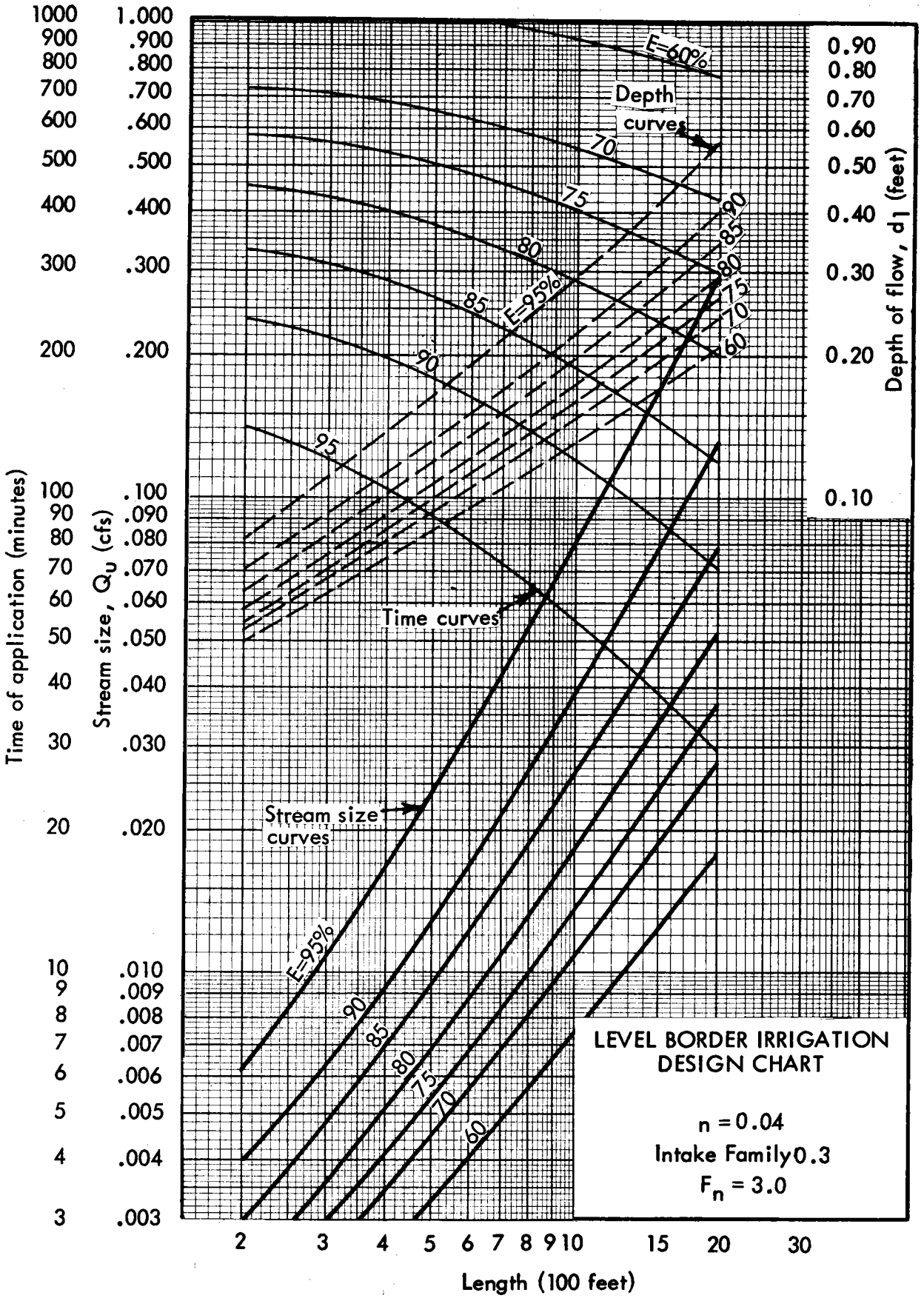

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=95%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 0.1
F_n = 1.0

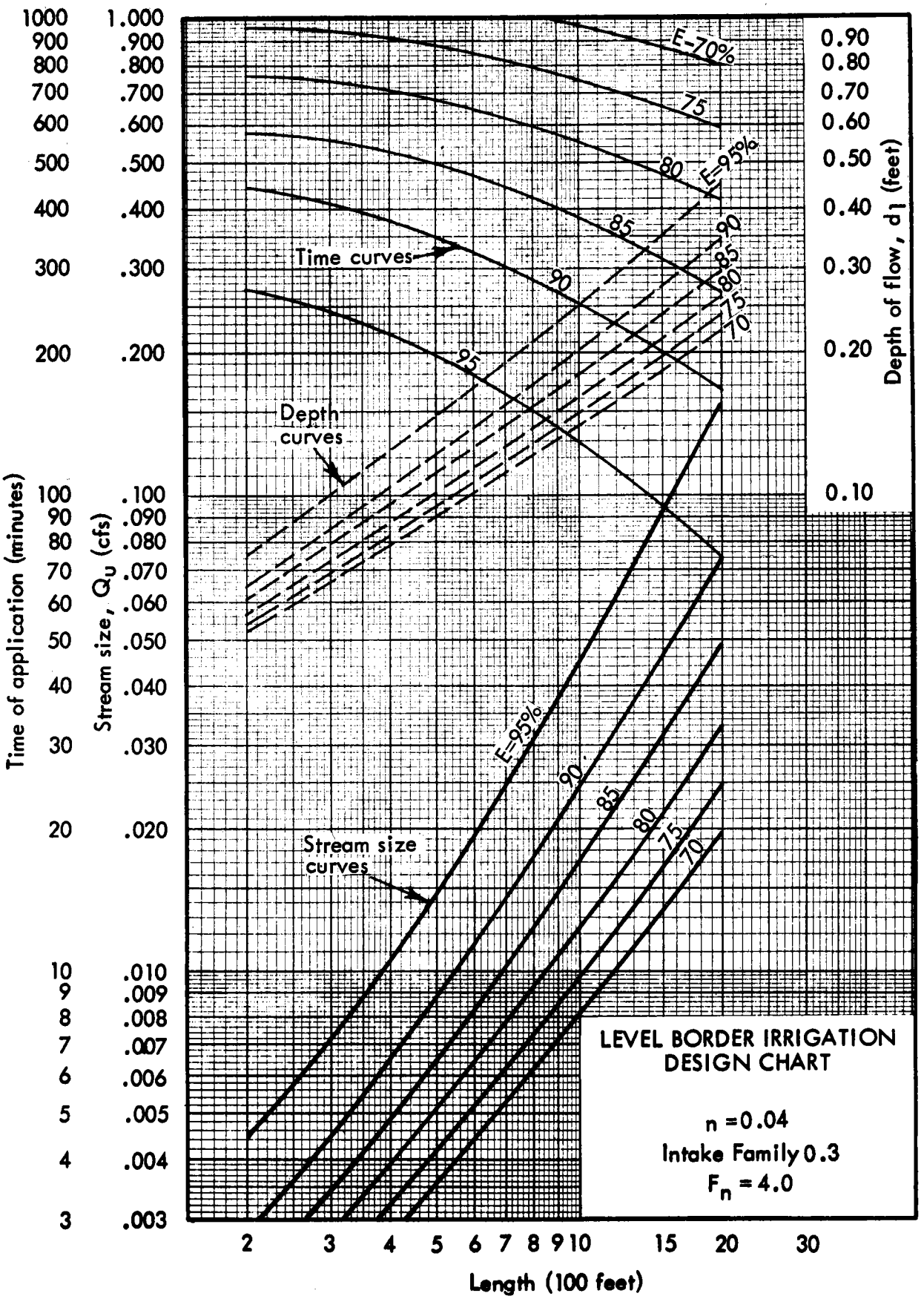

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 0.1
F_n = 2.0
Depth curves
Stream size curves
Time curves
E=70%
75
80
85
90
95
E=95%
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)

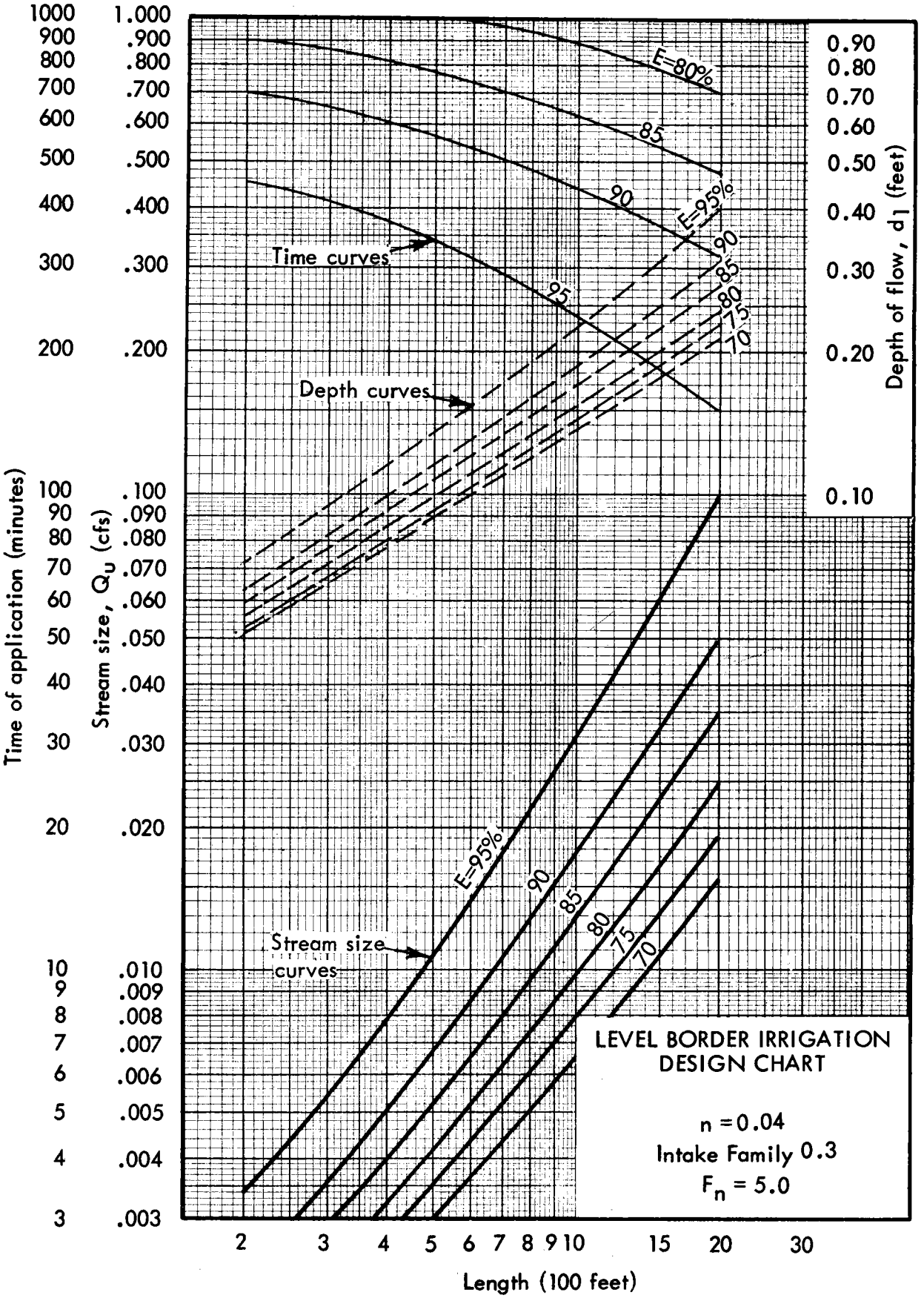

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=85%
90
95
E=95%
90
85
80
E=95%
90
85
80
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 0.1
F_n = 3.0

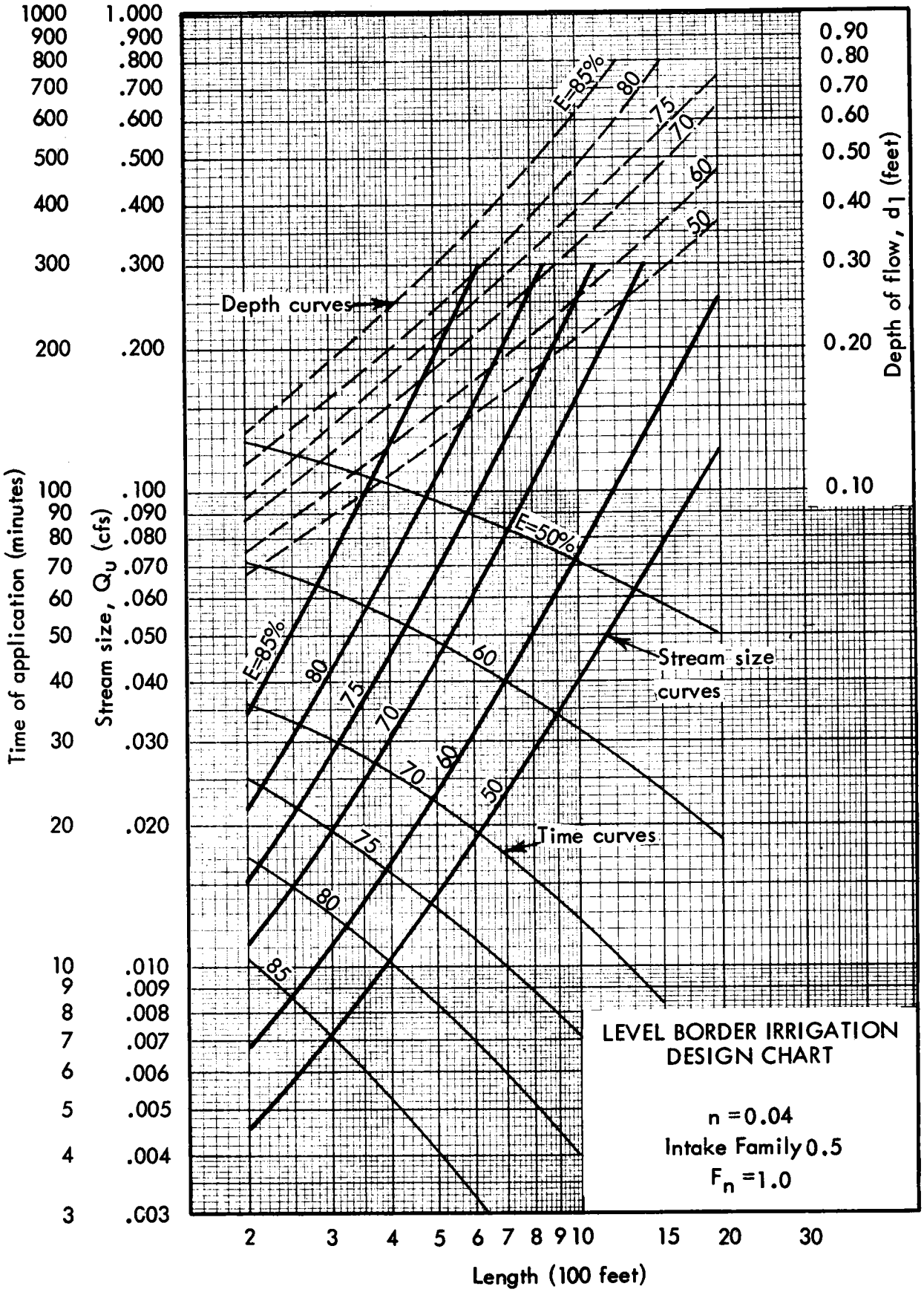

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=90%
85
80
75
70
60
50
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 0.3
F_n = 1.0

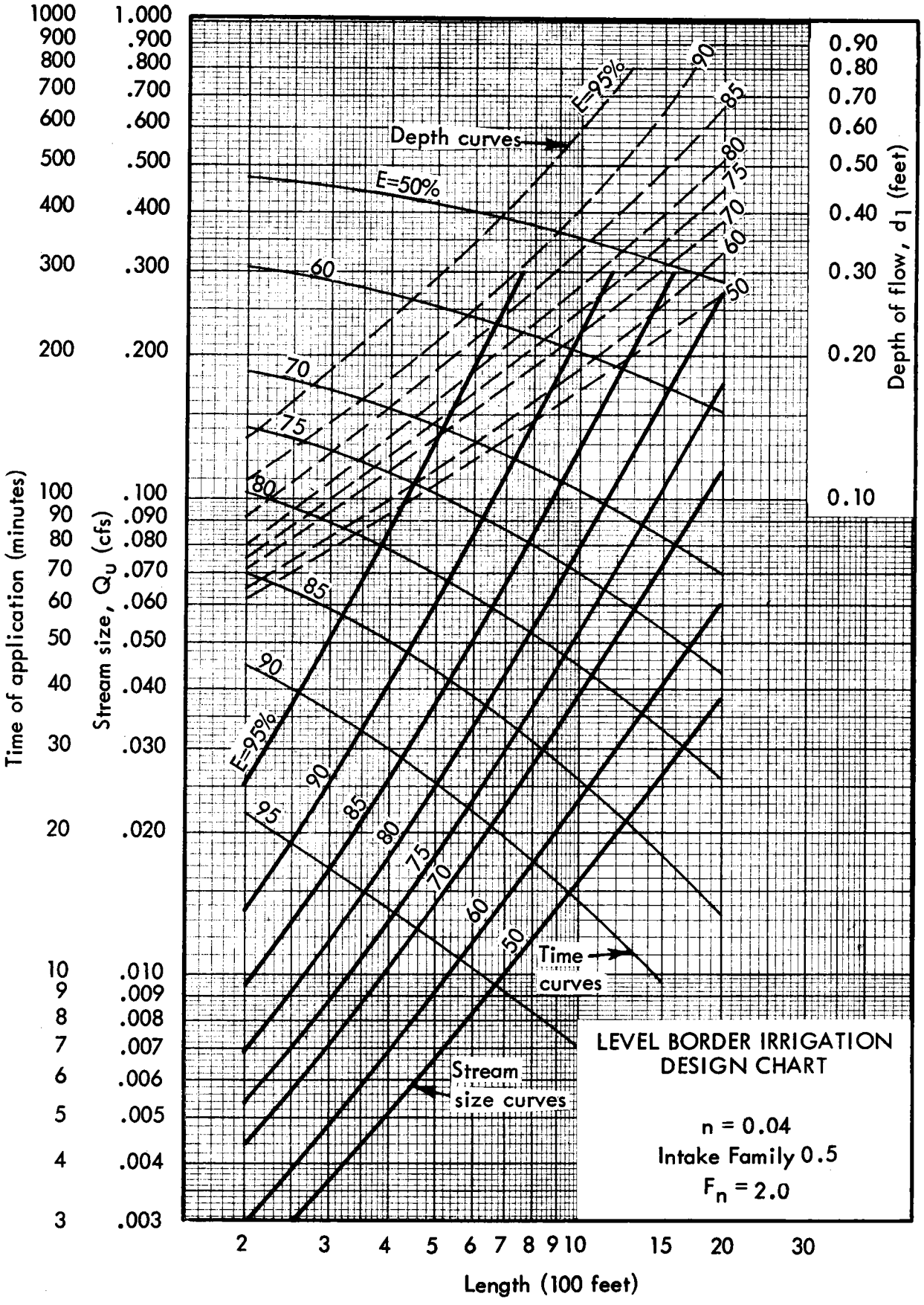

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=50%
E=95%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 0.3
F_n = 2.0

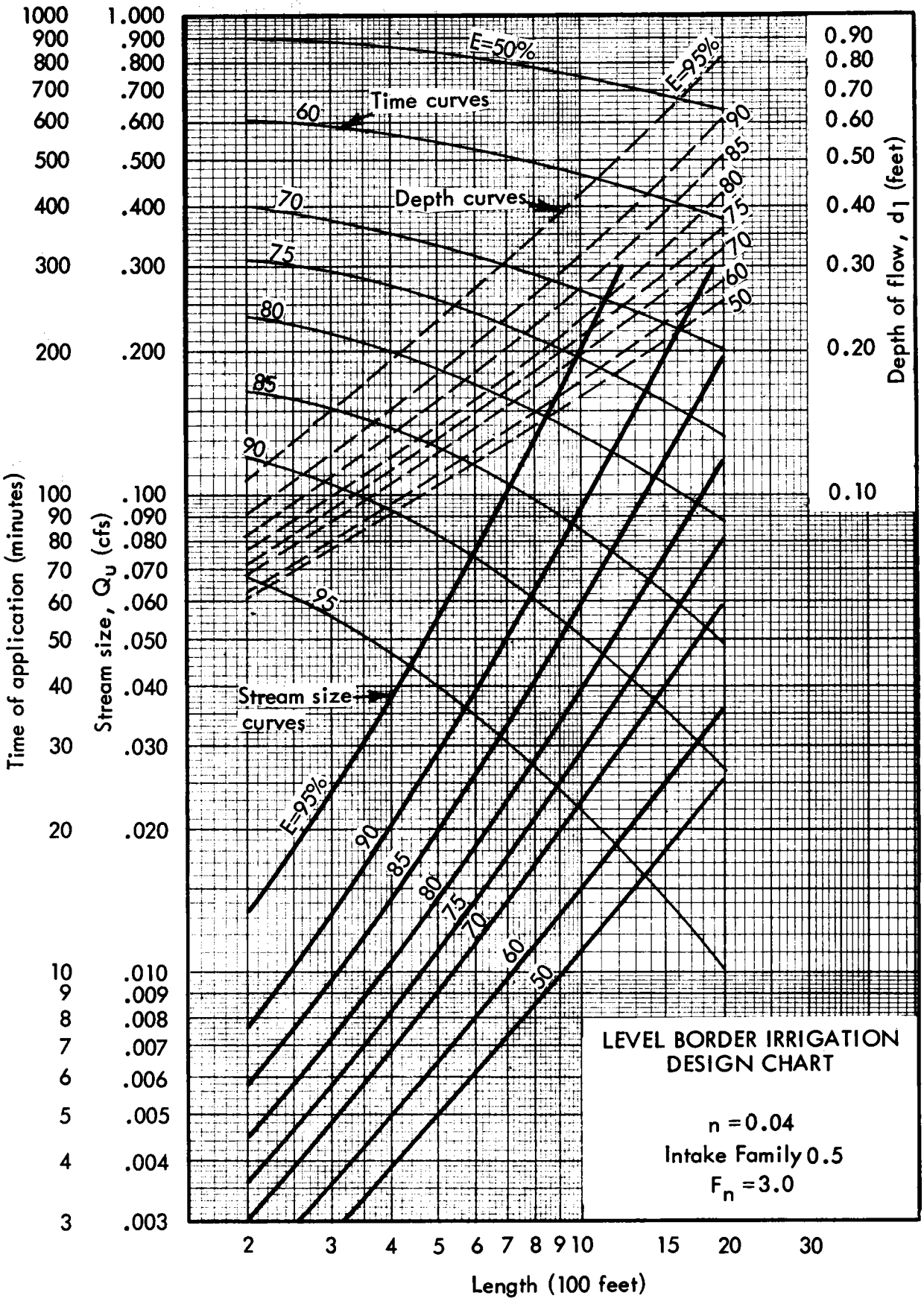

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=60%
E=95%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 0.3
F_n = 3.0

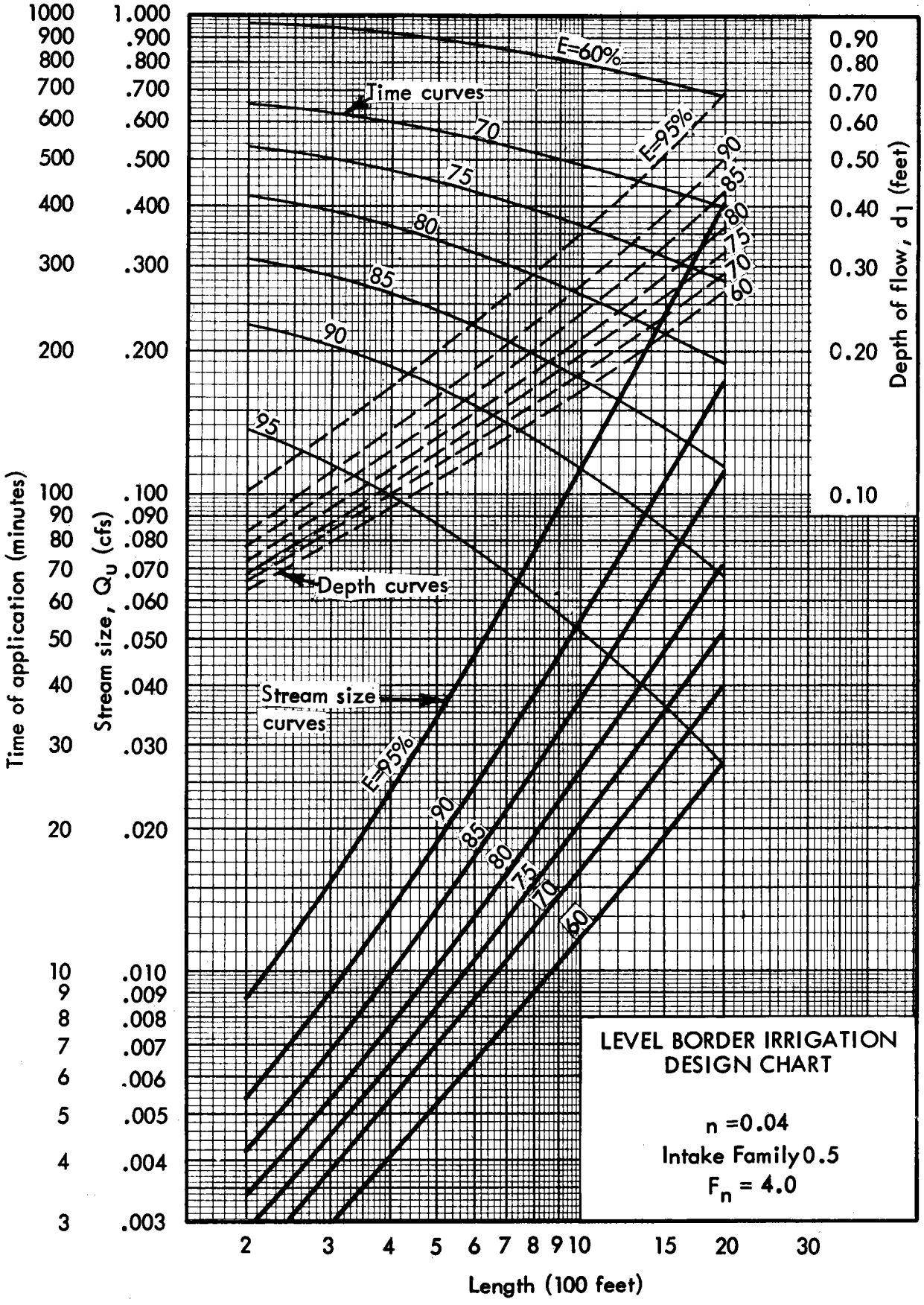

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 0.3
F_n = 4.0
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=70%
75
80
85
90
95
E=95%
90
85
80
75
70
1000 1.000
900 .900
800 .800
700 .700
600 .600
500 .500
400 .400
300 .300
200 .200
100 .100
90 .090
80 .080
70 .070
60 .060
50 .050
40 .040
30 .030
20 .020
10 .010
9 .009
8 .008
7 .007
6 .006
5 .005
4 .004
3 .003
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
2 3 4 5 6 7 8 9 10 15 20 30

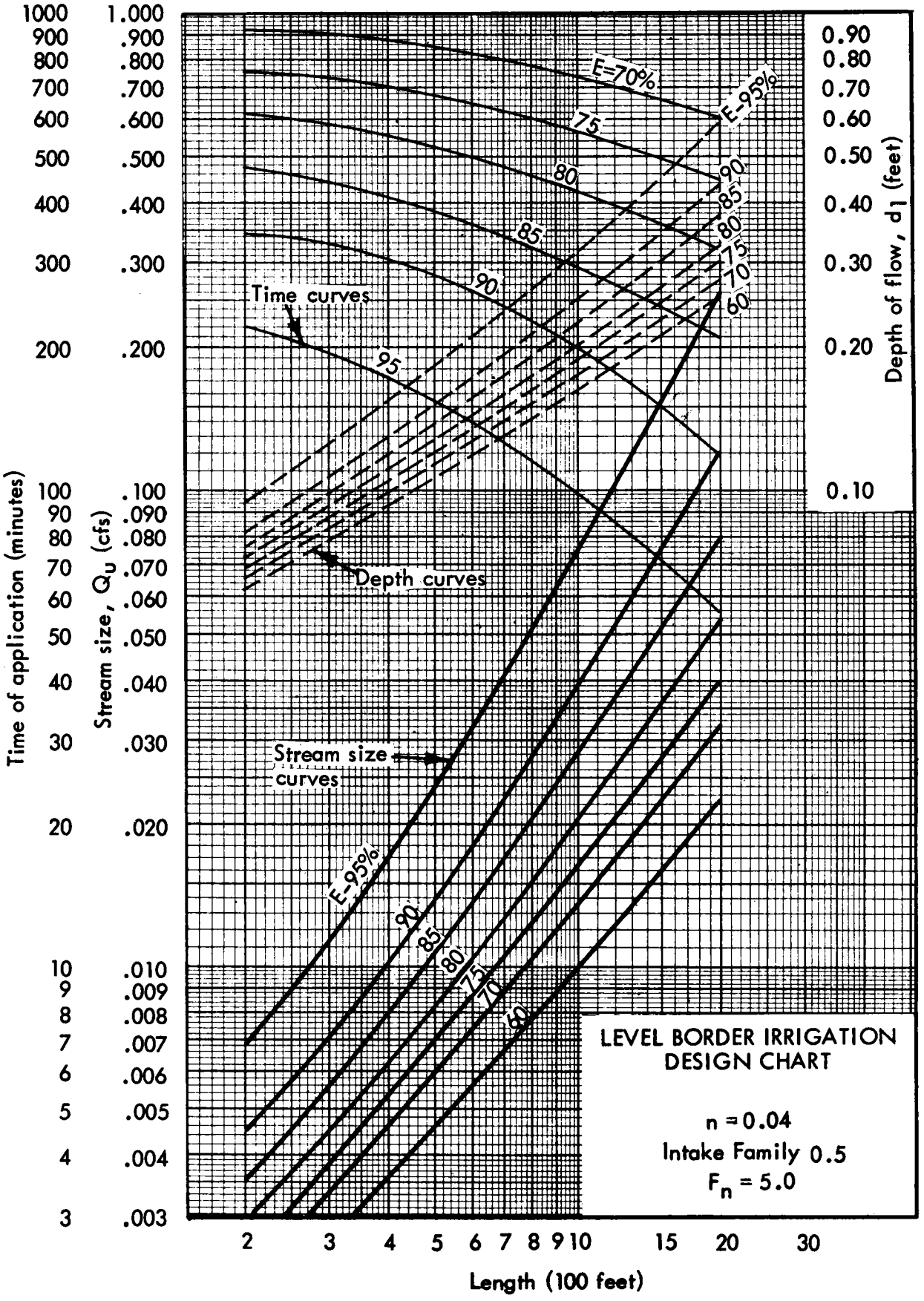

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=80%
85
90
95
E=95%
90
85
80
75
70
E=95%
90
85
80
75
70
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 0.3
F_n = 5.0

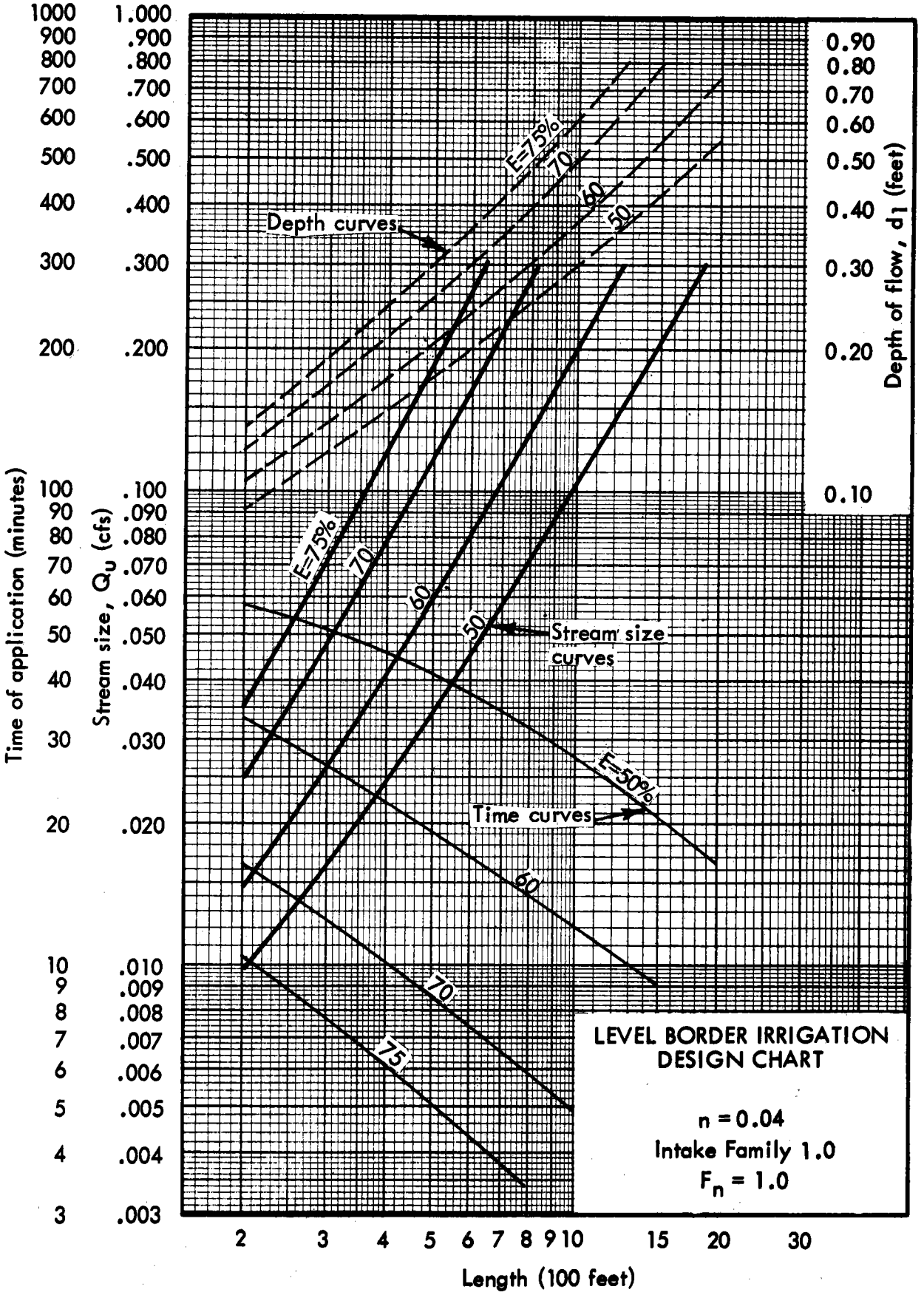

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=85%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 0.5
F_n = 1.0

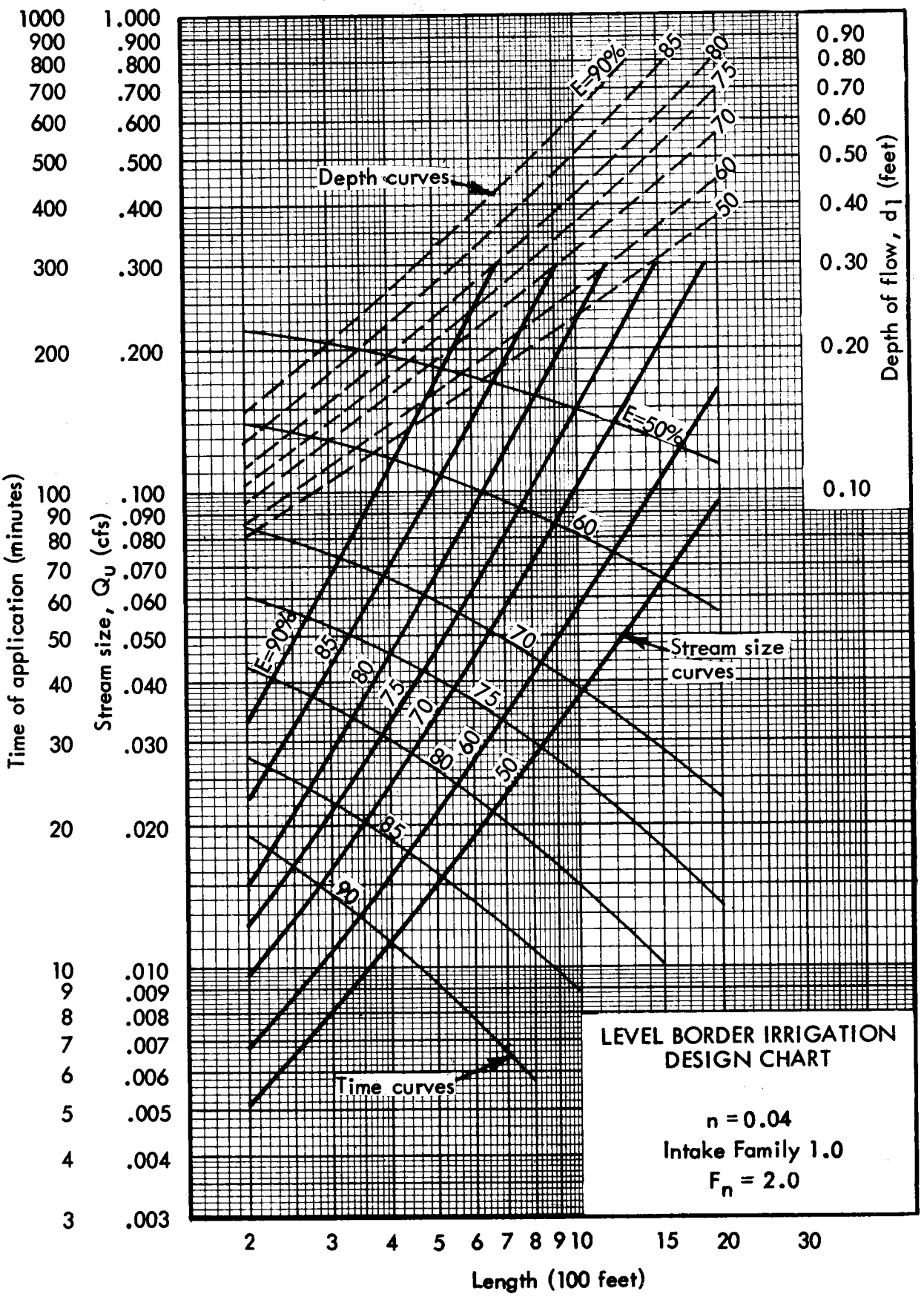

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=50%
E=95%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 0.5
F_n = 2.0

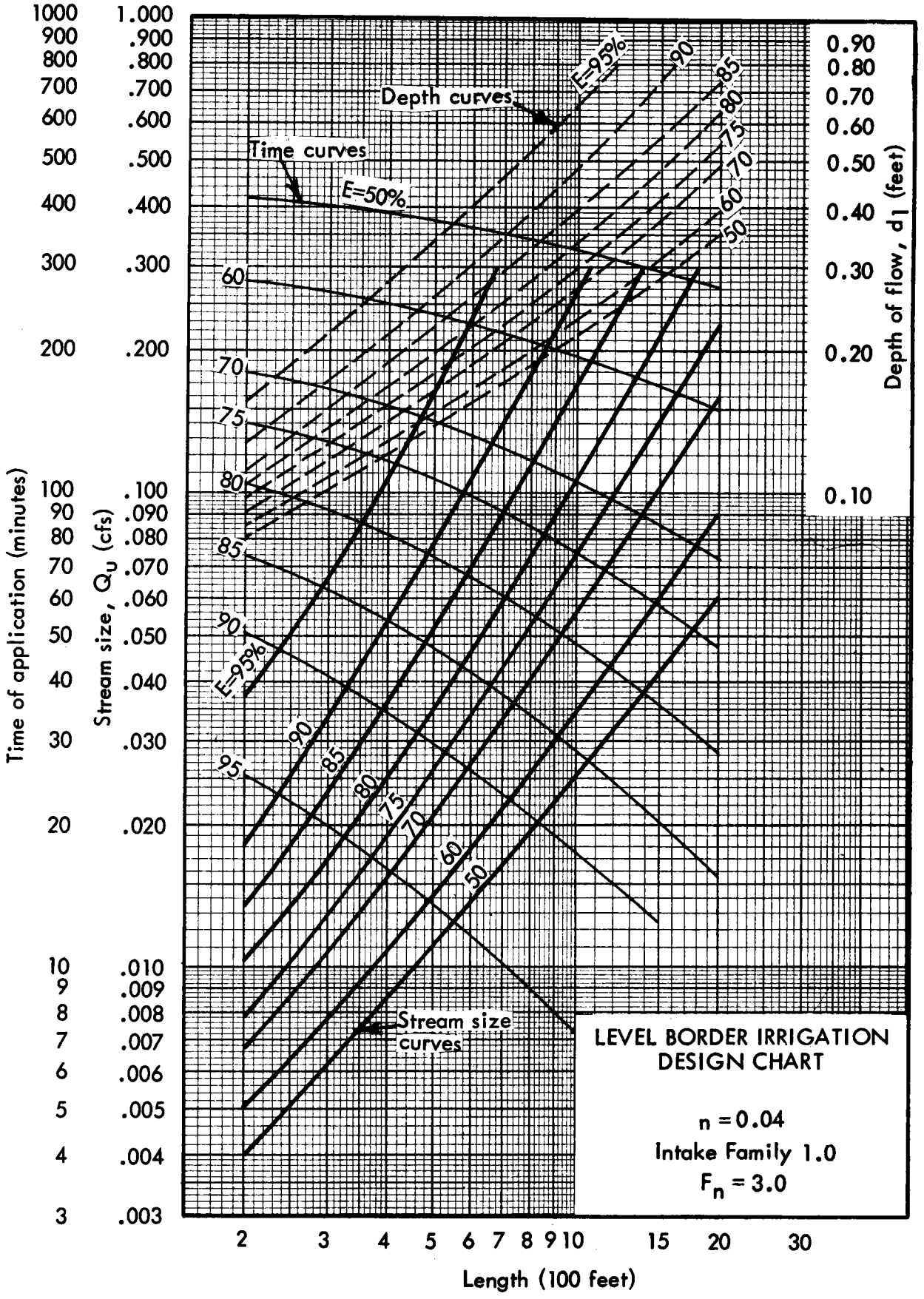

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=50%
E=95%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 0.5
F_n = 3.0

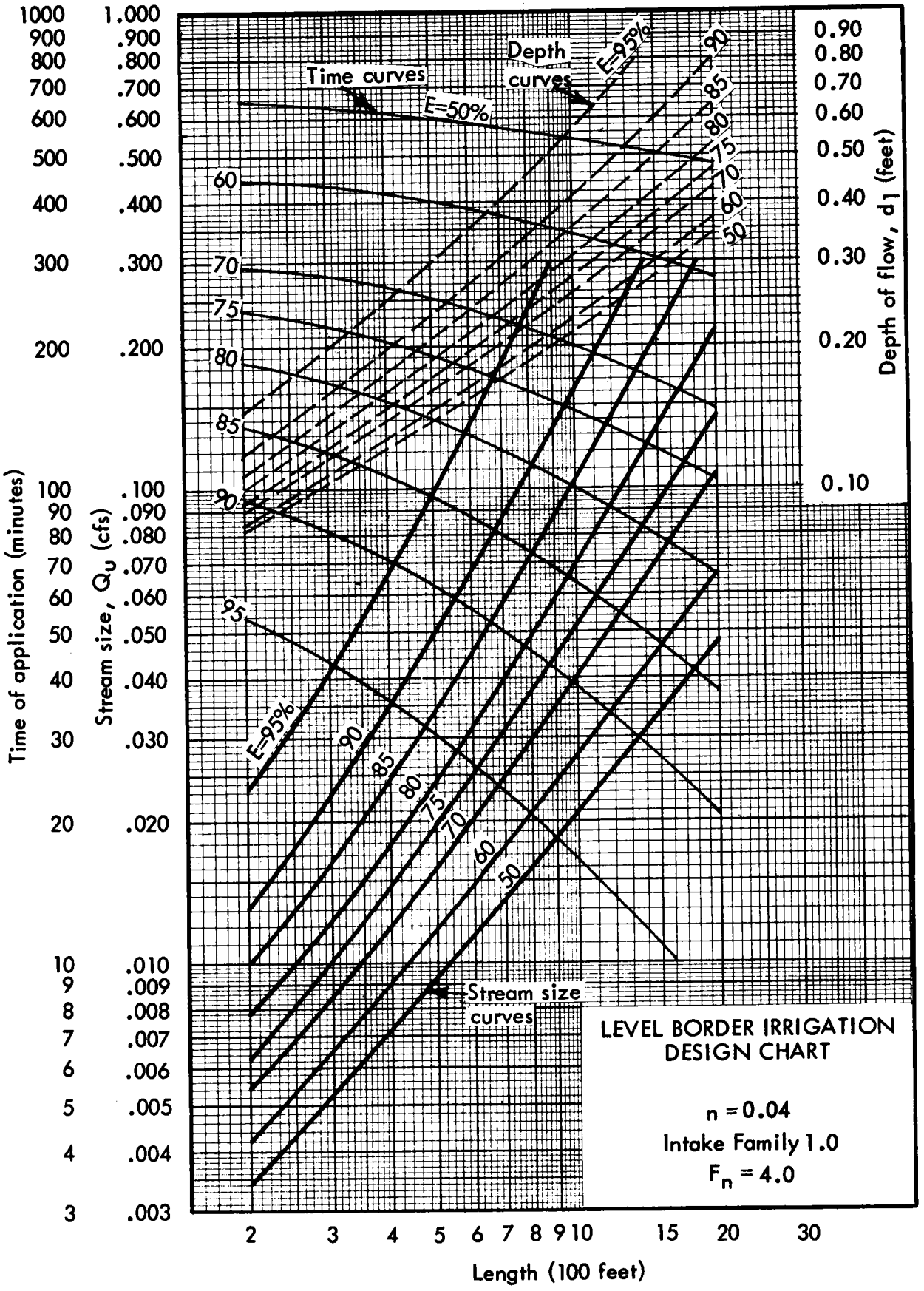

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=60%
E=95%
LEVEL BORDER IRRIGATION DESIGN CHART
n =0.04
Intake Family 0.5
F_n = 4.0

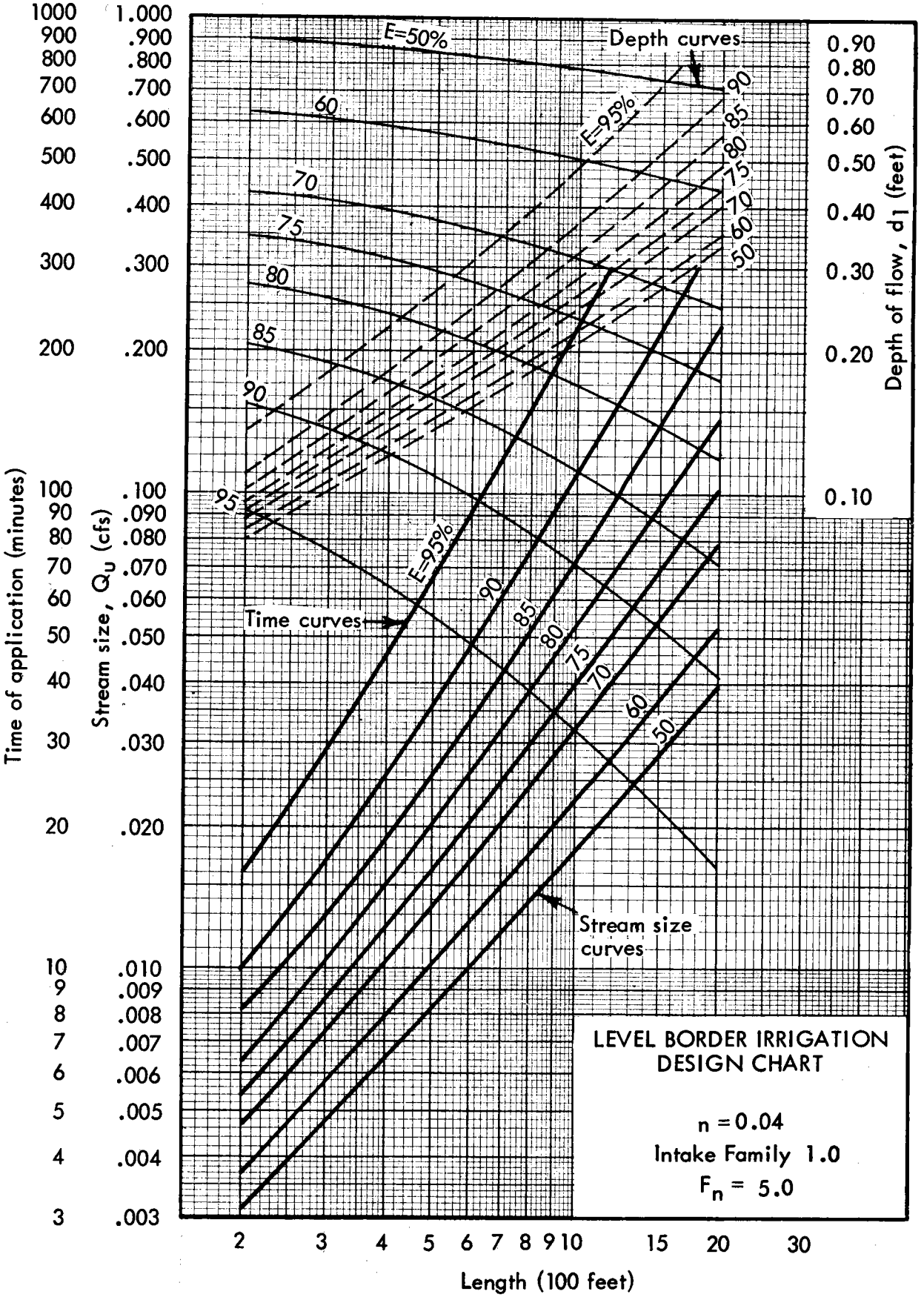

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=70%
E-95%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 0.5
F_n = 5.0

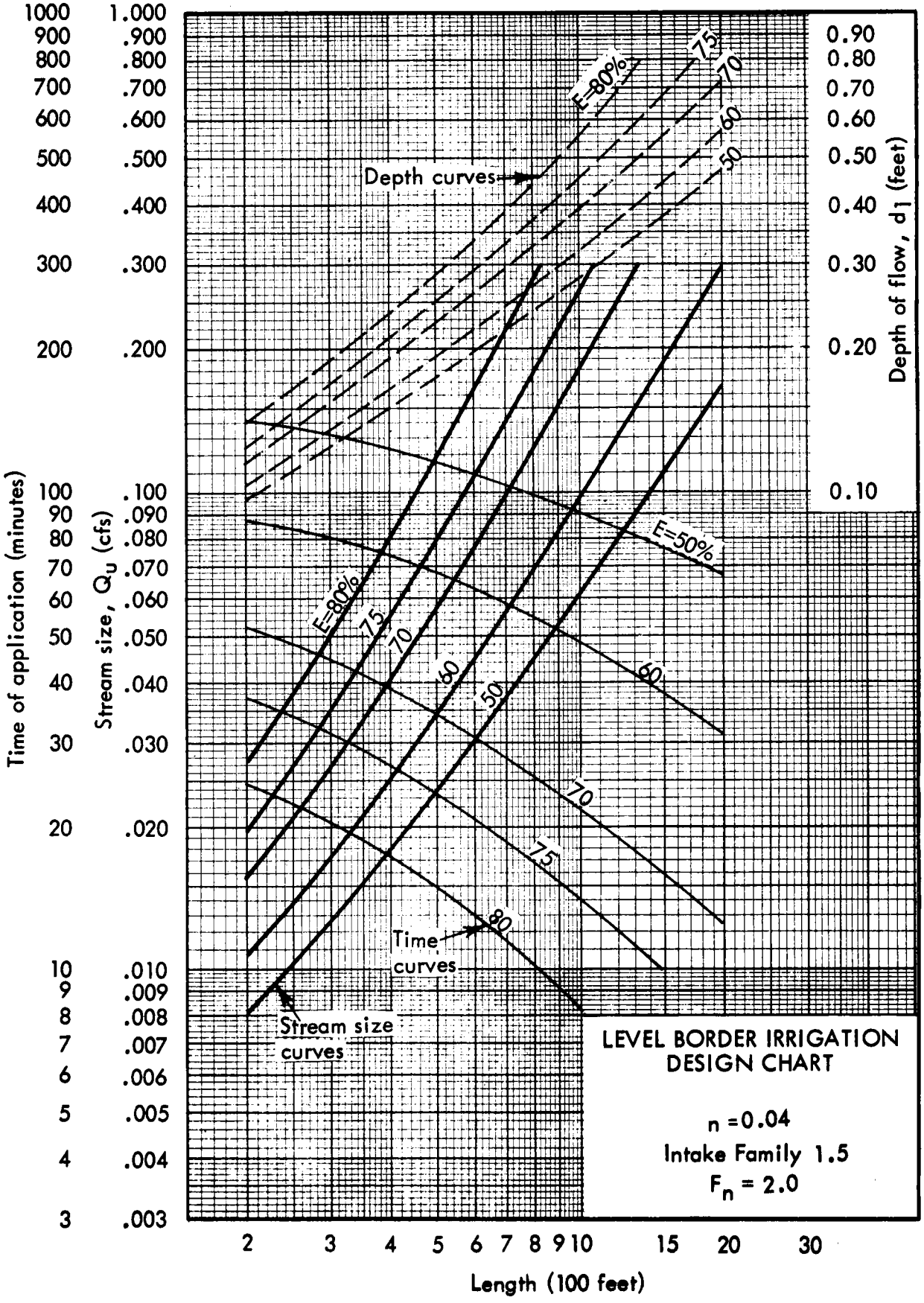

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=75%
70
60
50
E=50%
75
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 1.0
F_n = 1.0

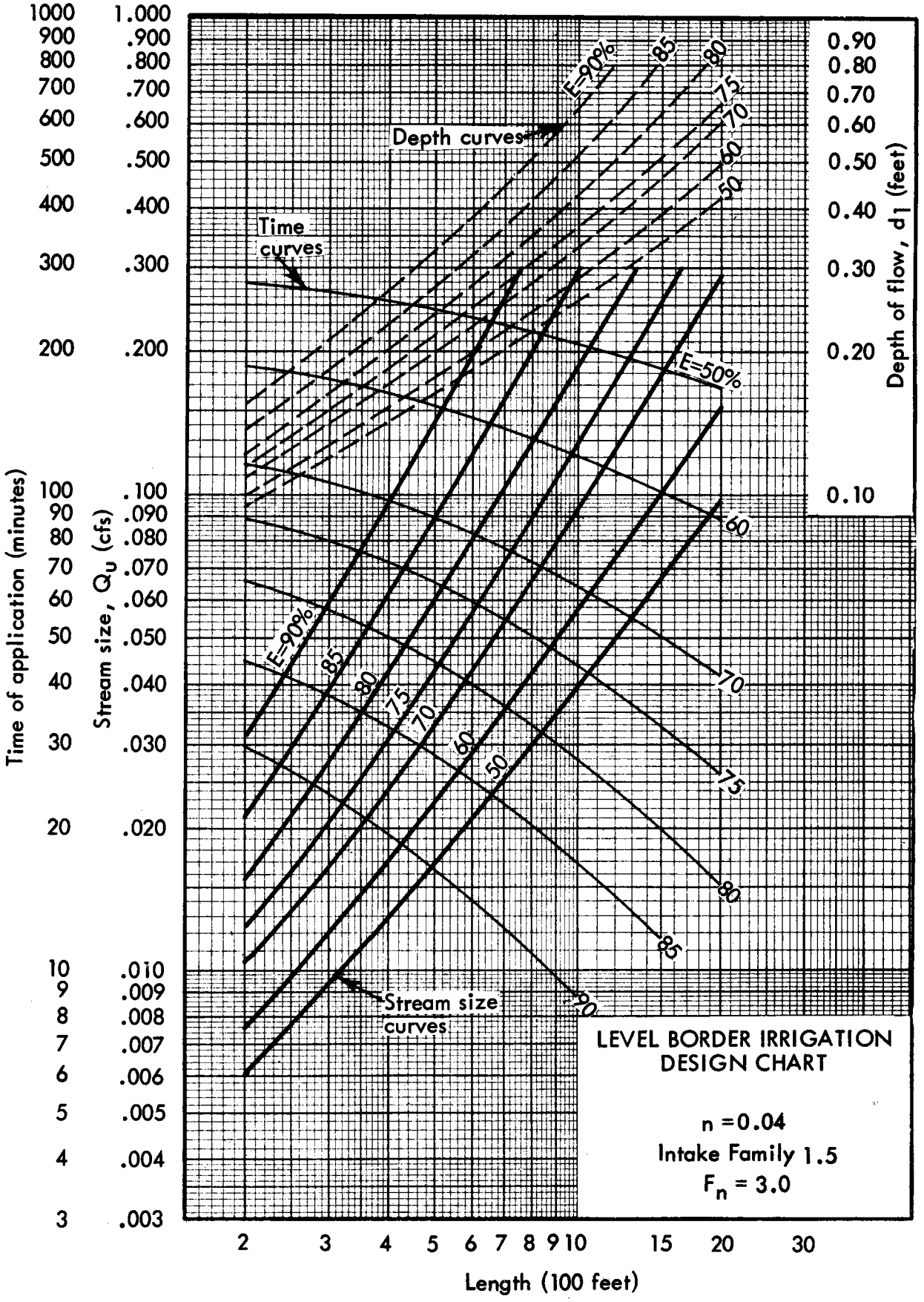

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=90%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 1.0
F_n = 2.0

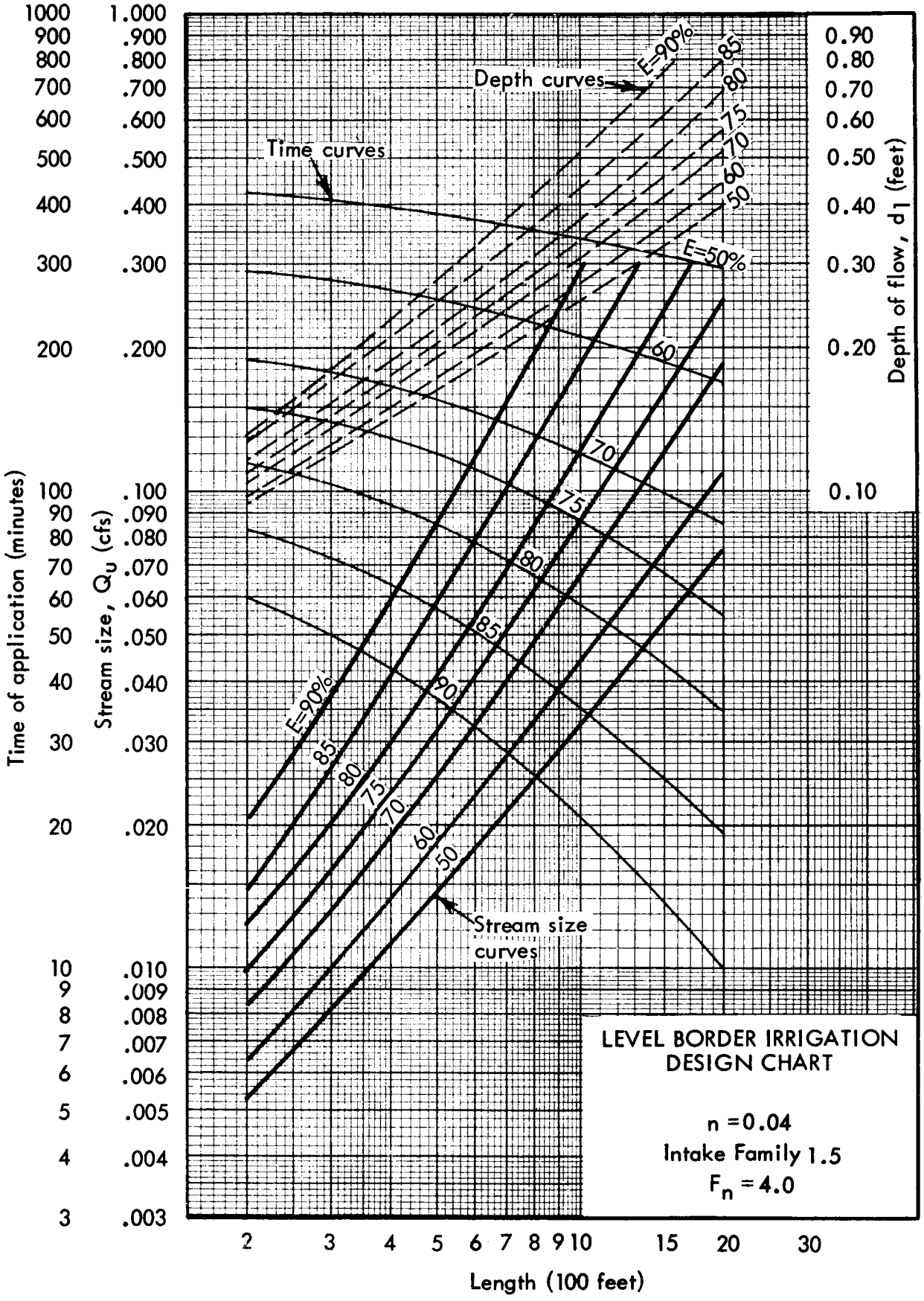

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=95%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 1.0
F_n = 3.0

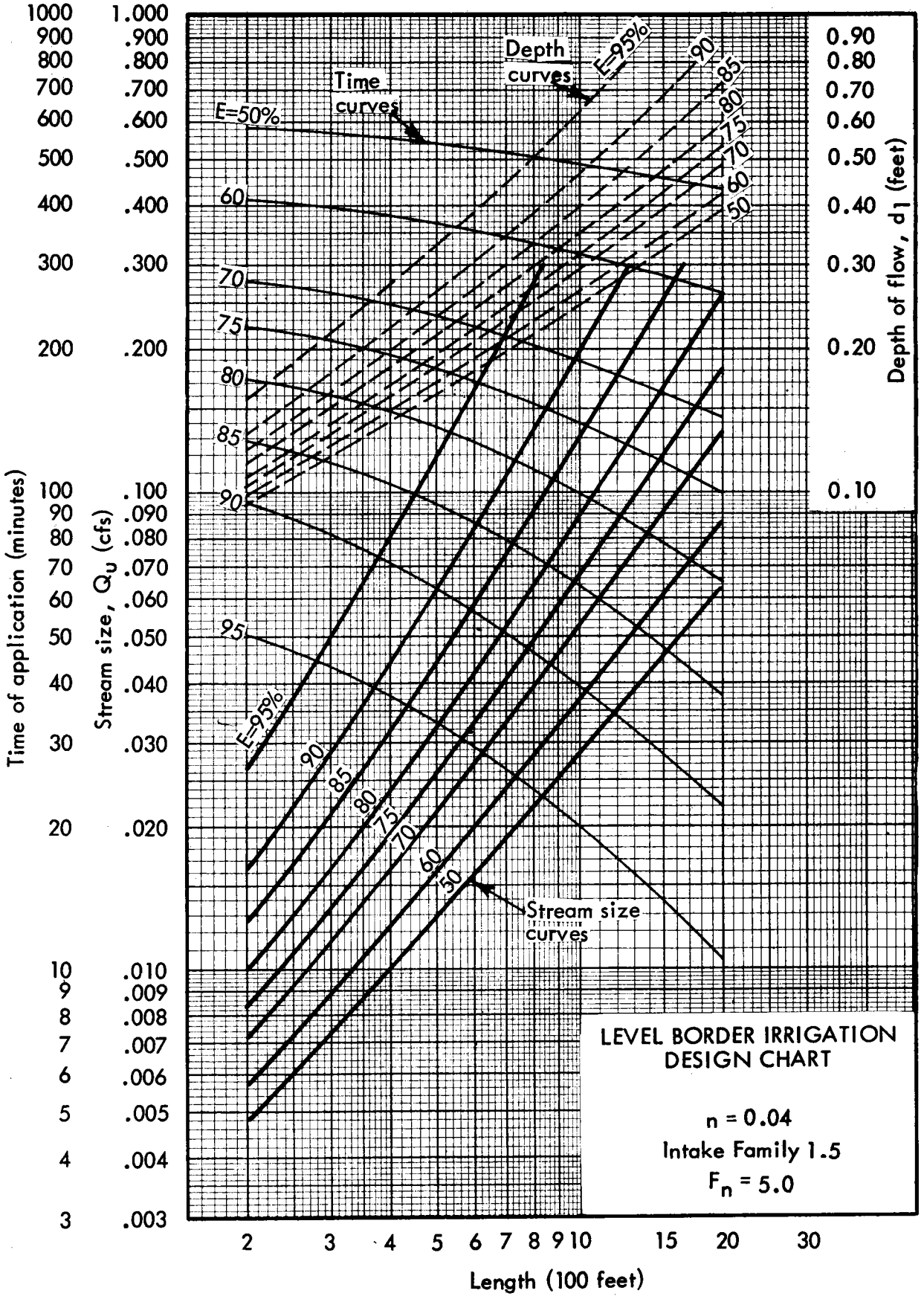

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=50%
E=95%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 1.0
F_n = 4.0

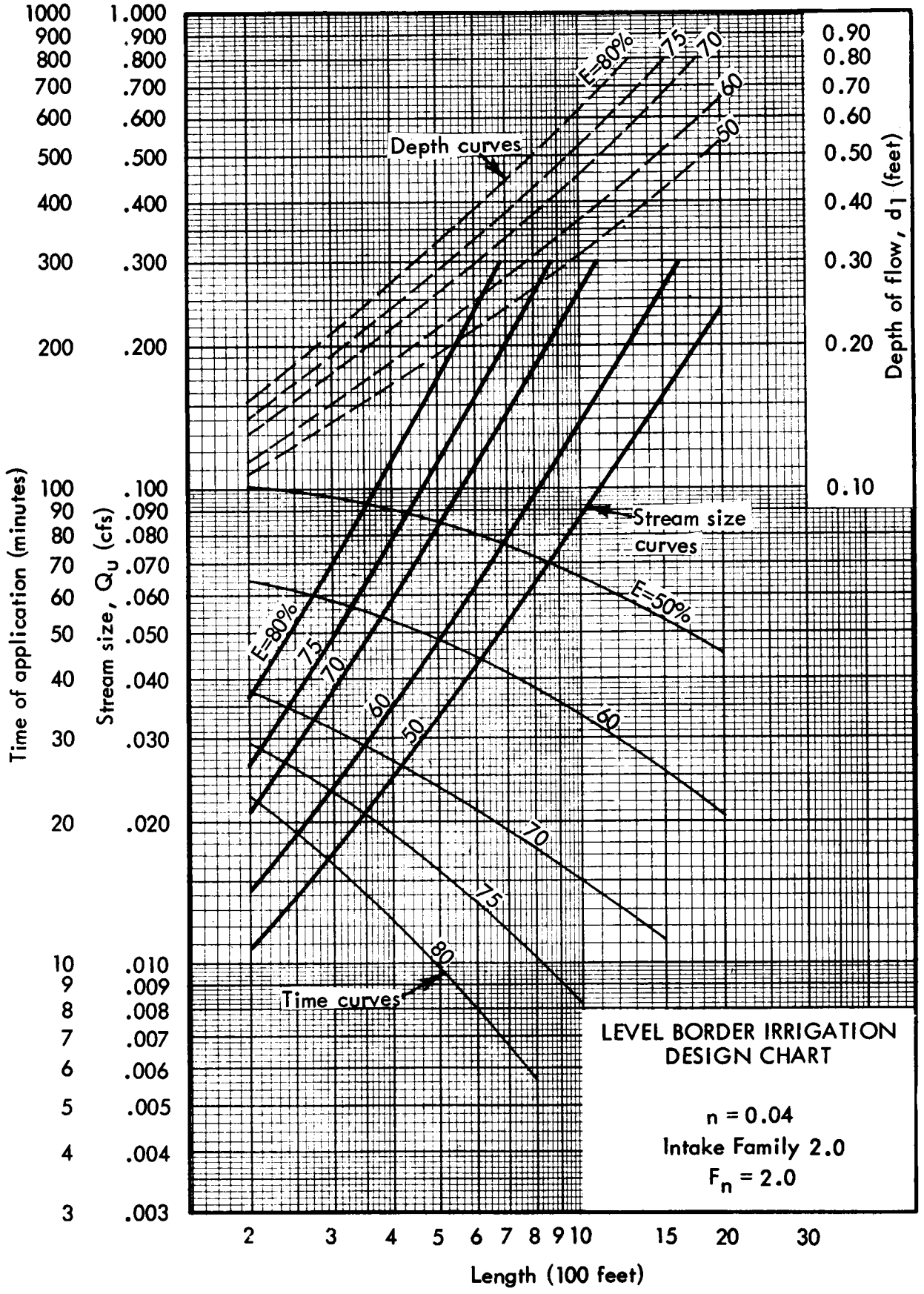

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=50%
E=95%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 1.0
F_n = 5.0

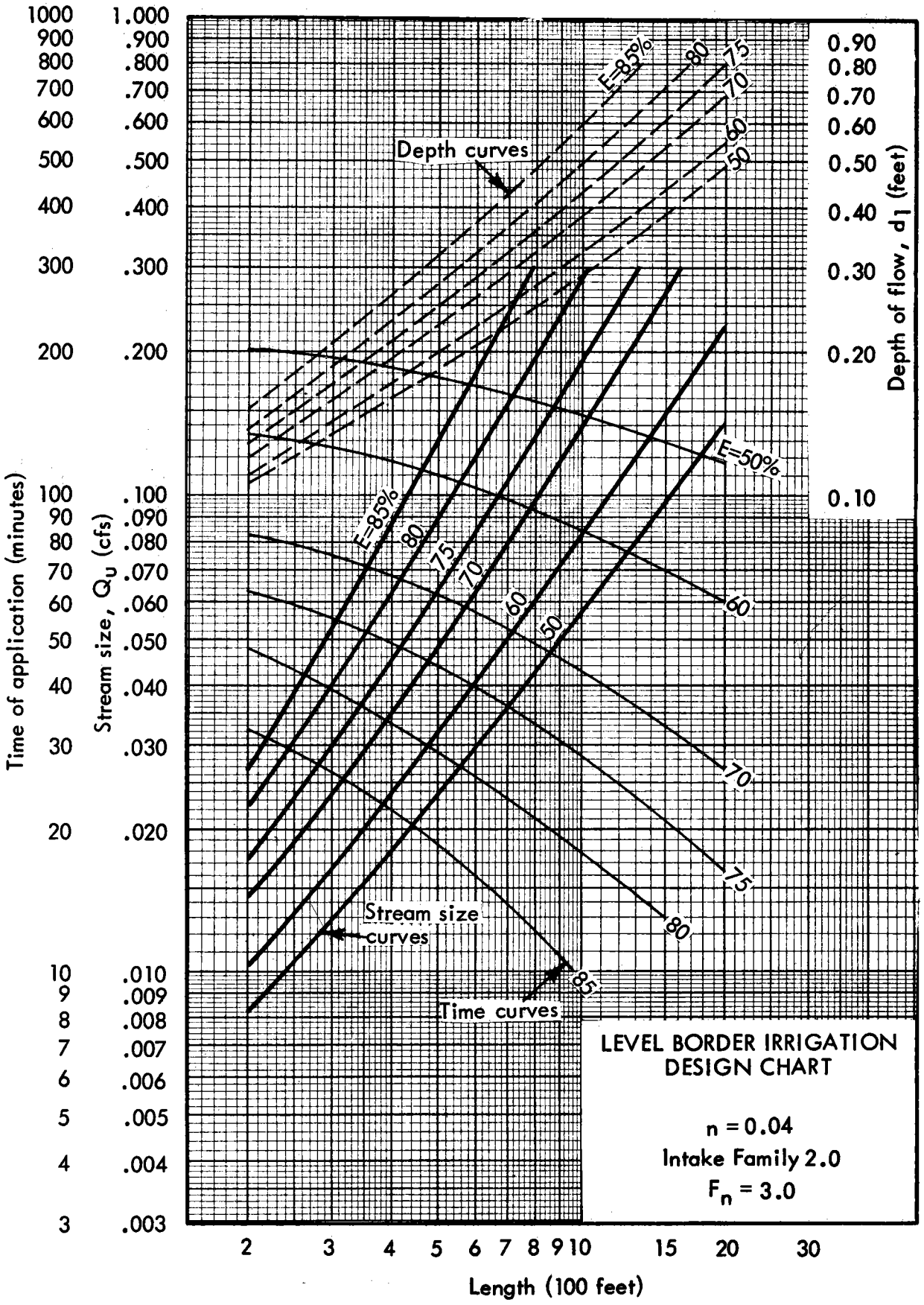

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=80%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 1.5
F_n = 2.0

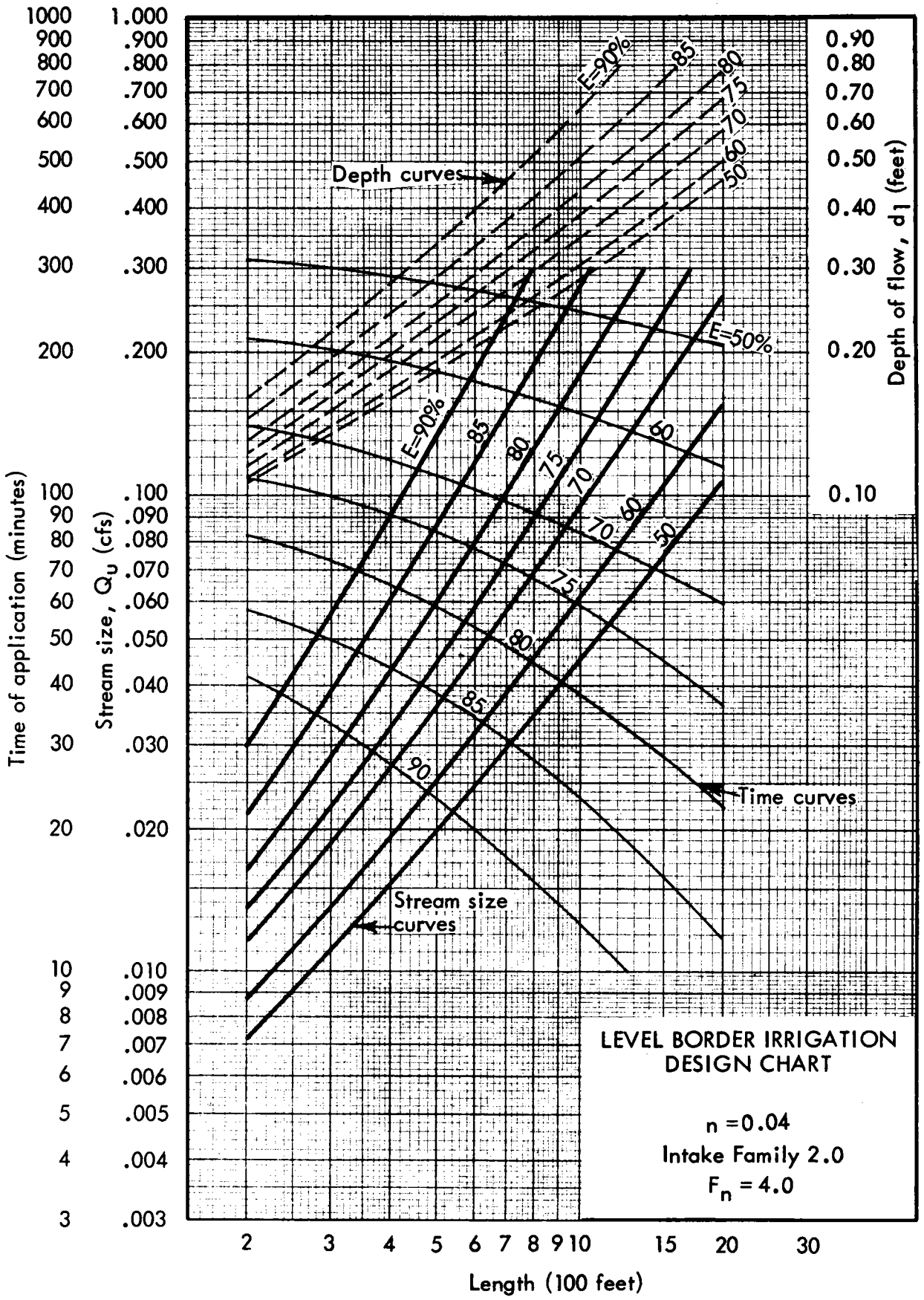

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=90%
85
80
75
70
60
50
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 1.5
F_n = 3.0

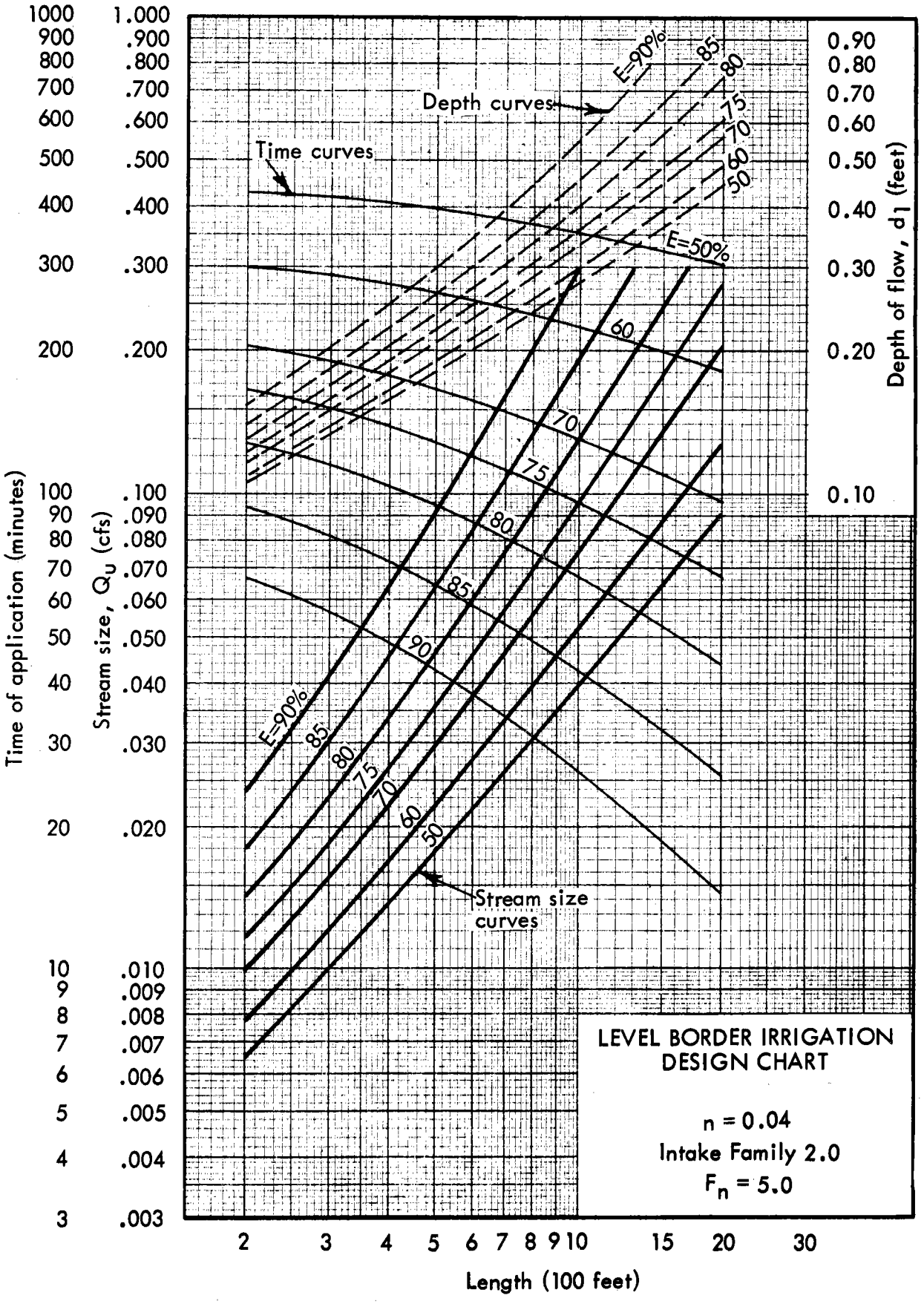

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=90%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 1.5
F_n = 4.0

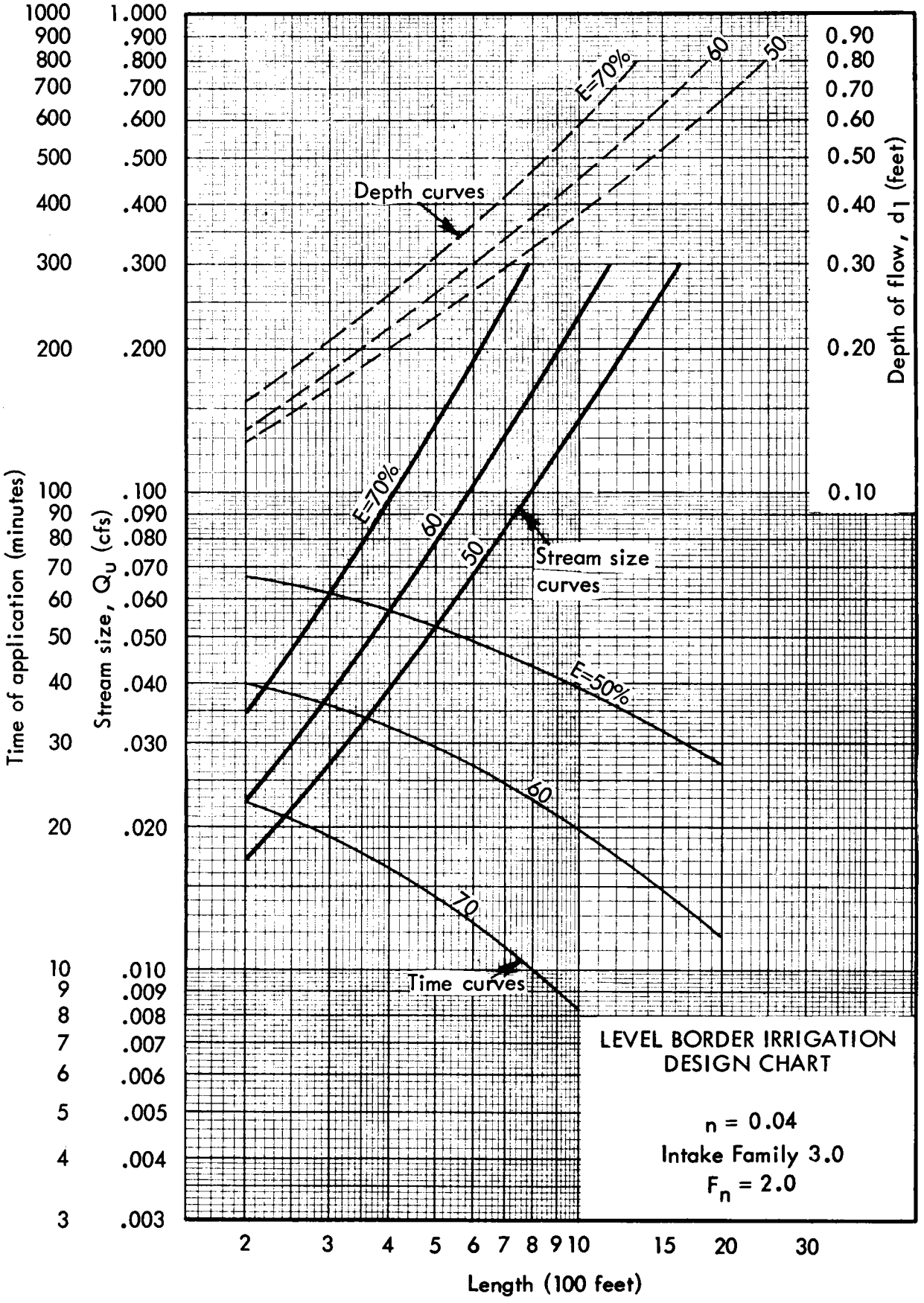

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=50%
E=95%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 1.5
F_n = 5.0

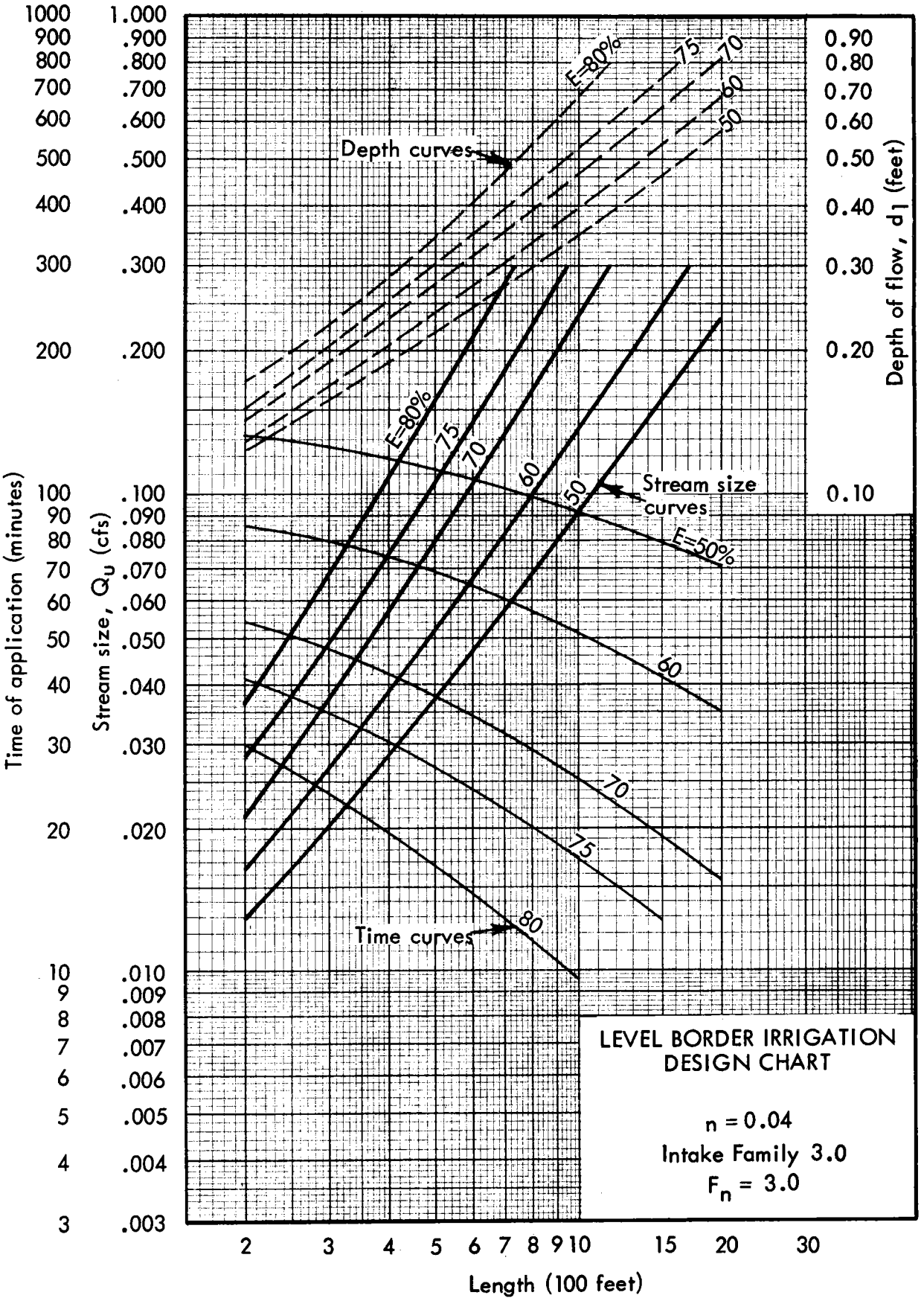

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
E=80%
75
70
60
50
Stream size curves
E=50%
Time curves
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 2.0
F_n = 2.0

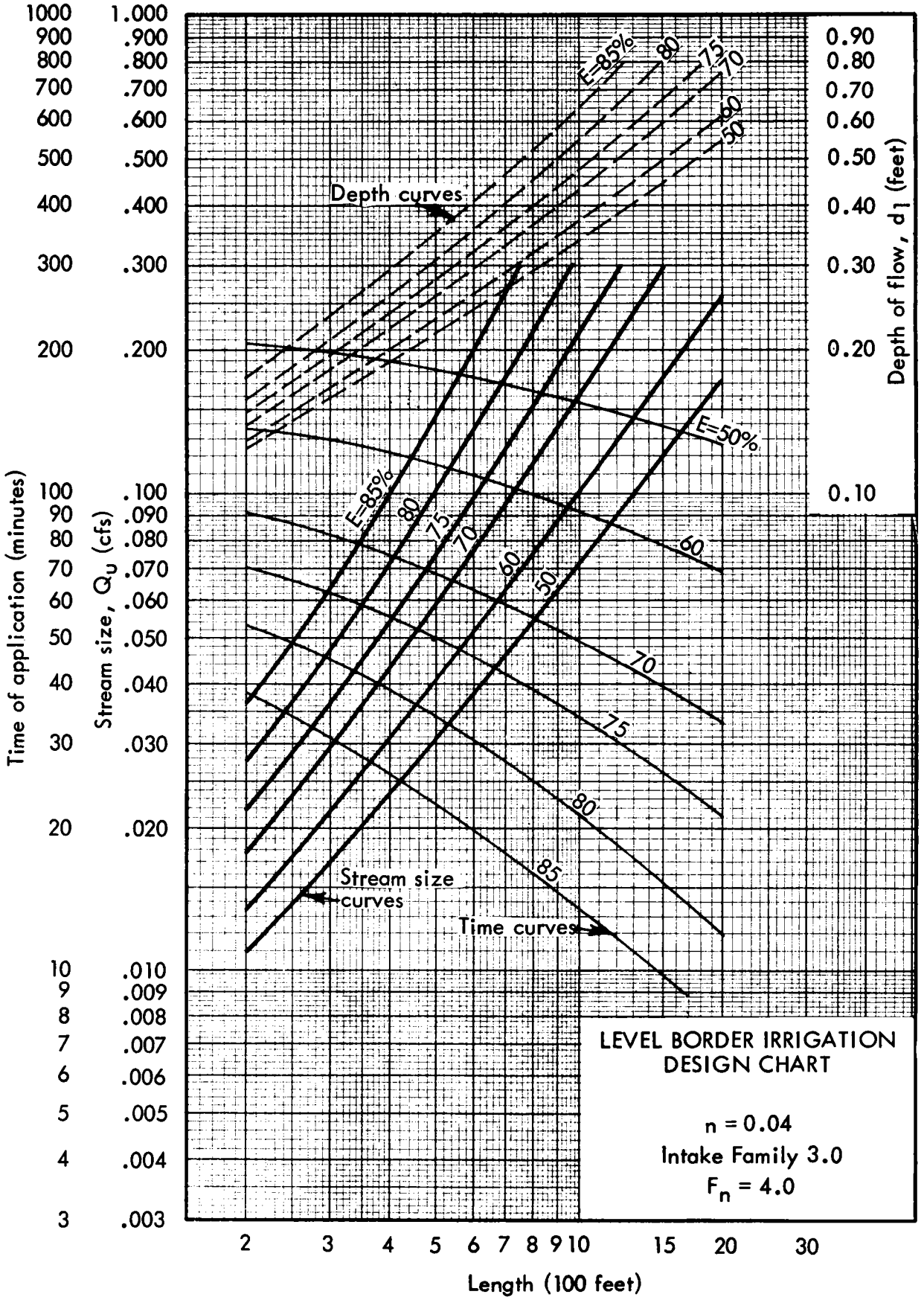

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=85%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 2.0
F_n = 3.0


Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=90%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 2.0
F_n = 4.0


Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=90%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 2.0
F_n = 5.0


Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=70%
60
50
E=50%
70
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 3.0
F_n = 2.0


Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=80%
75
70
60
50
E=50%
80
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 3.0
F_n = 3.0


LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 3.0
F_n = 4.0
Depth curves
Stream size curves
Time curves
E=85%
80
75
70
60
50
E=50%
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
1000
900
800
700
600
500
400
300
200
100
90
80
70
60
50
40
30
20
10
9
8
7
6
5
4
3
1.000
.900
.800
.700
.600
.500
.400
.300
.200
.100
.090
.080
.070
.060
.050
.040
.030
.020
.010
.009
.008
.007
.006
.005
.004
.003
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
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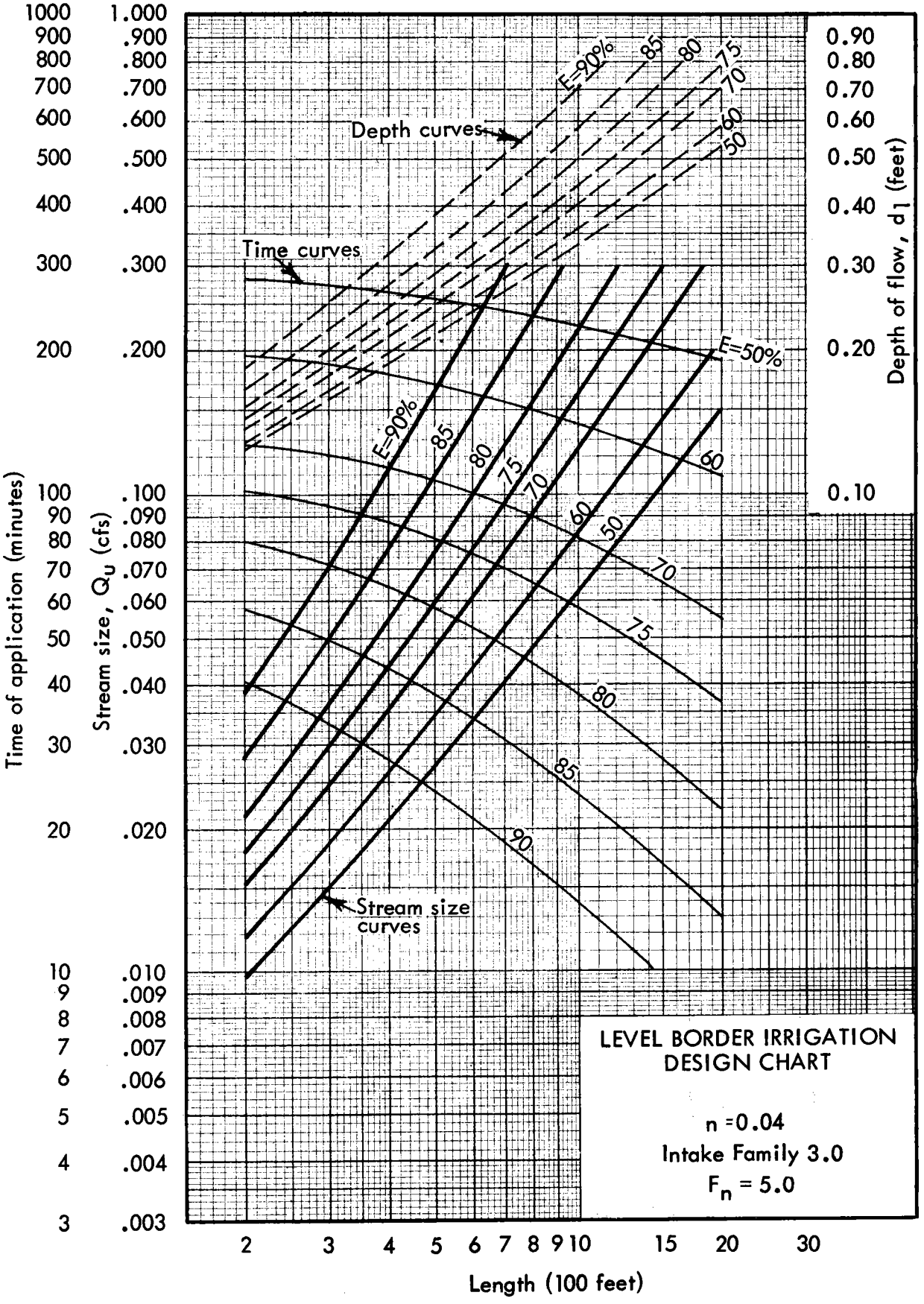
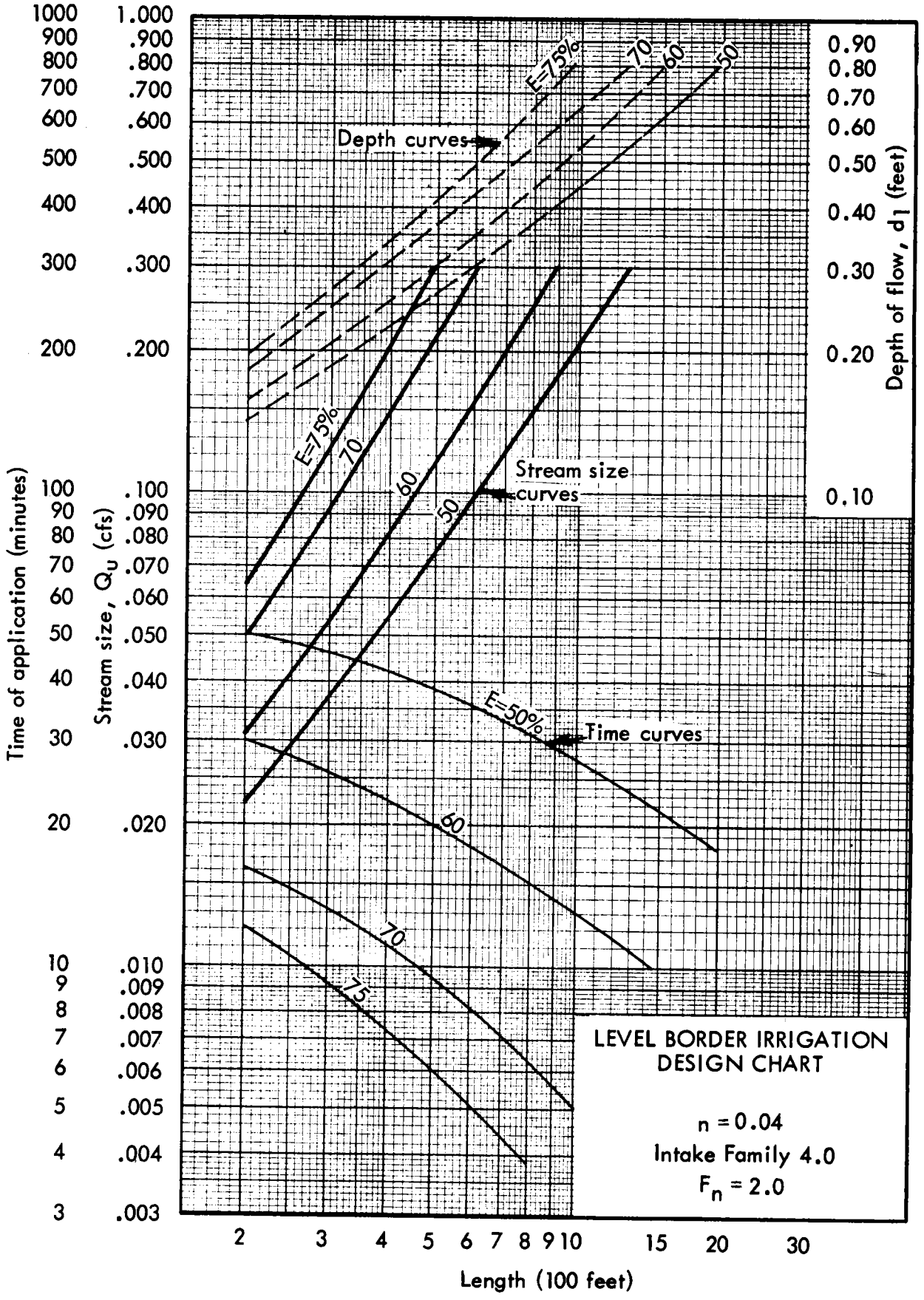
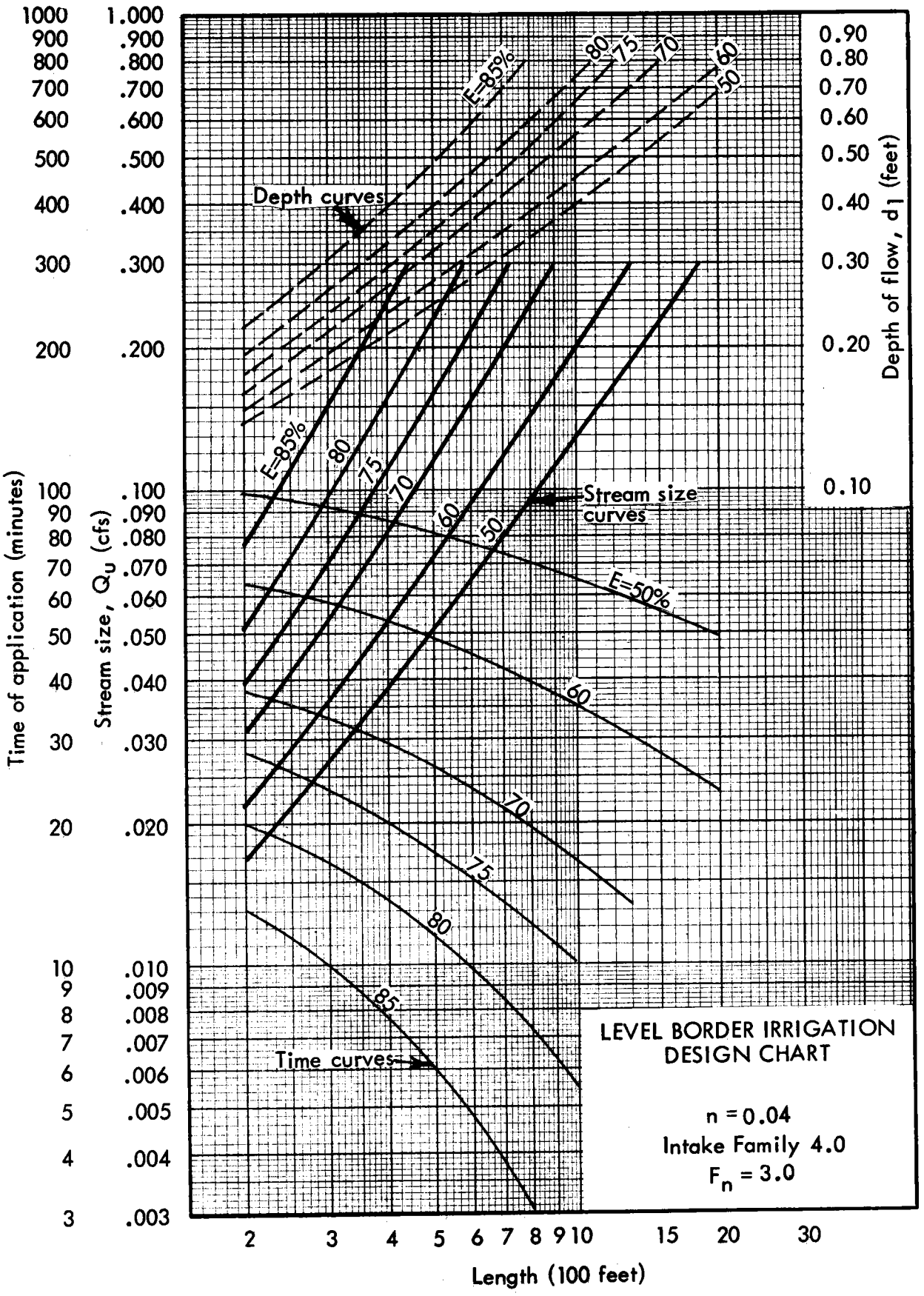
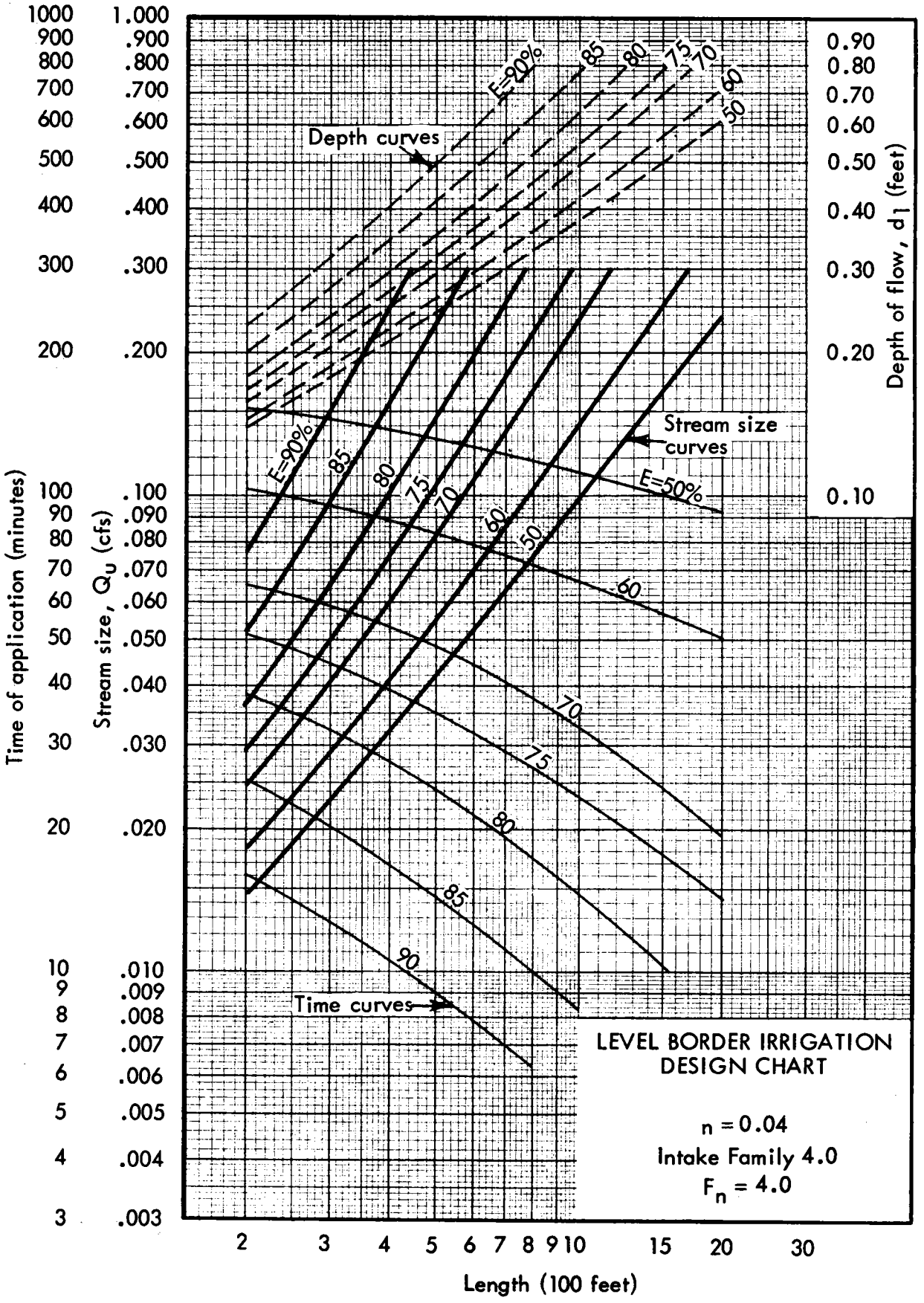
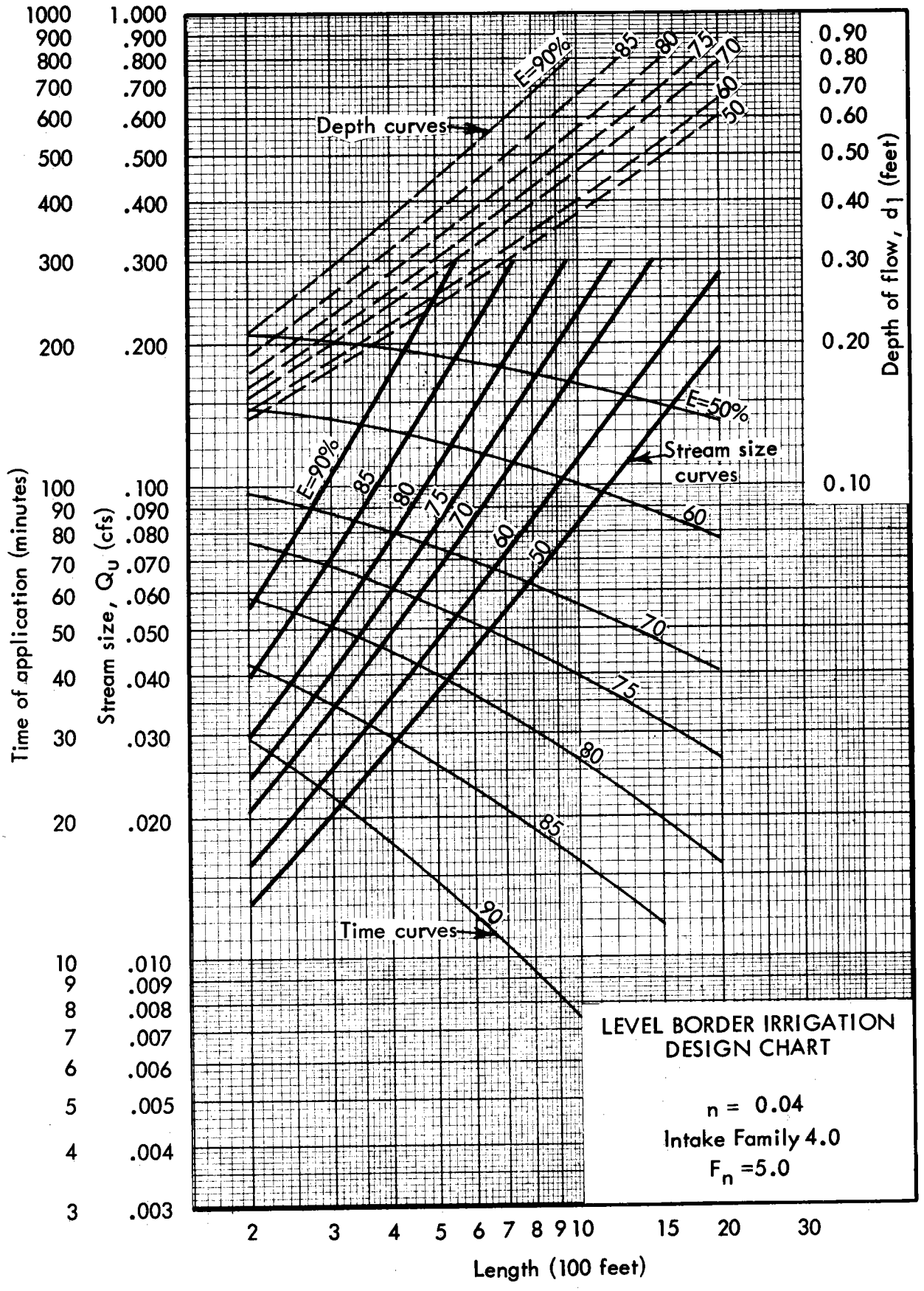
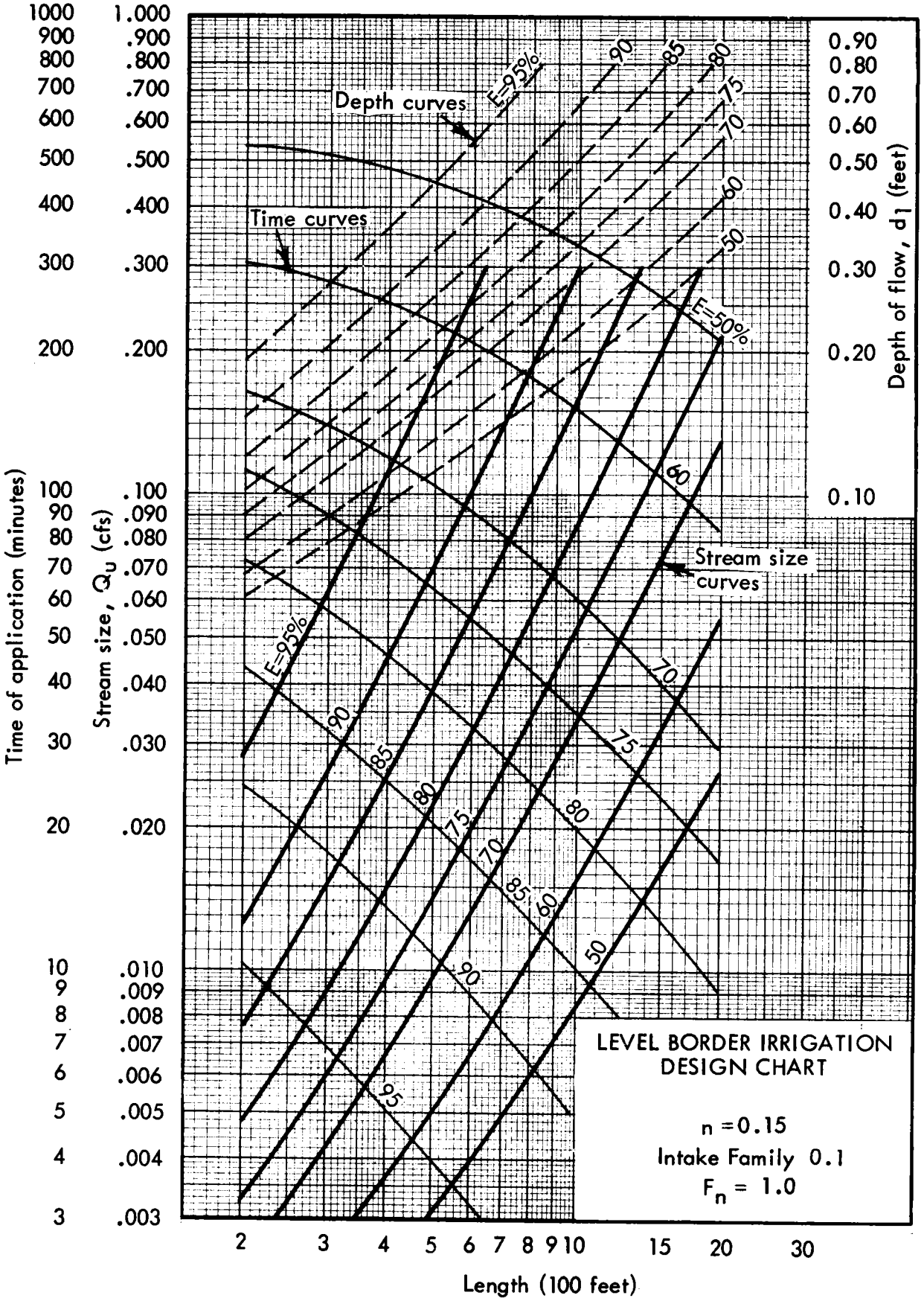

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=90%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 3.0
F_n = 5.0

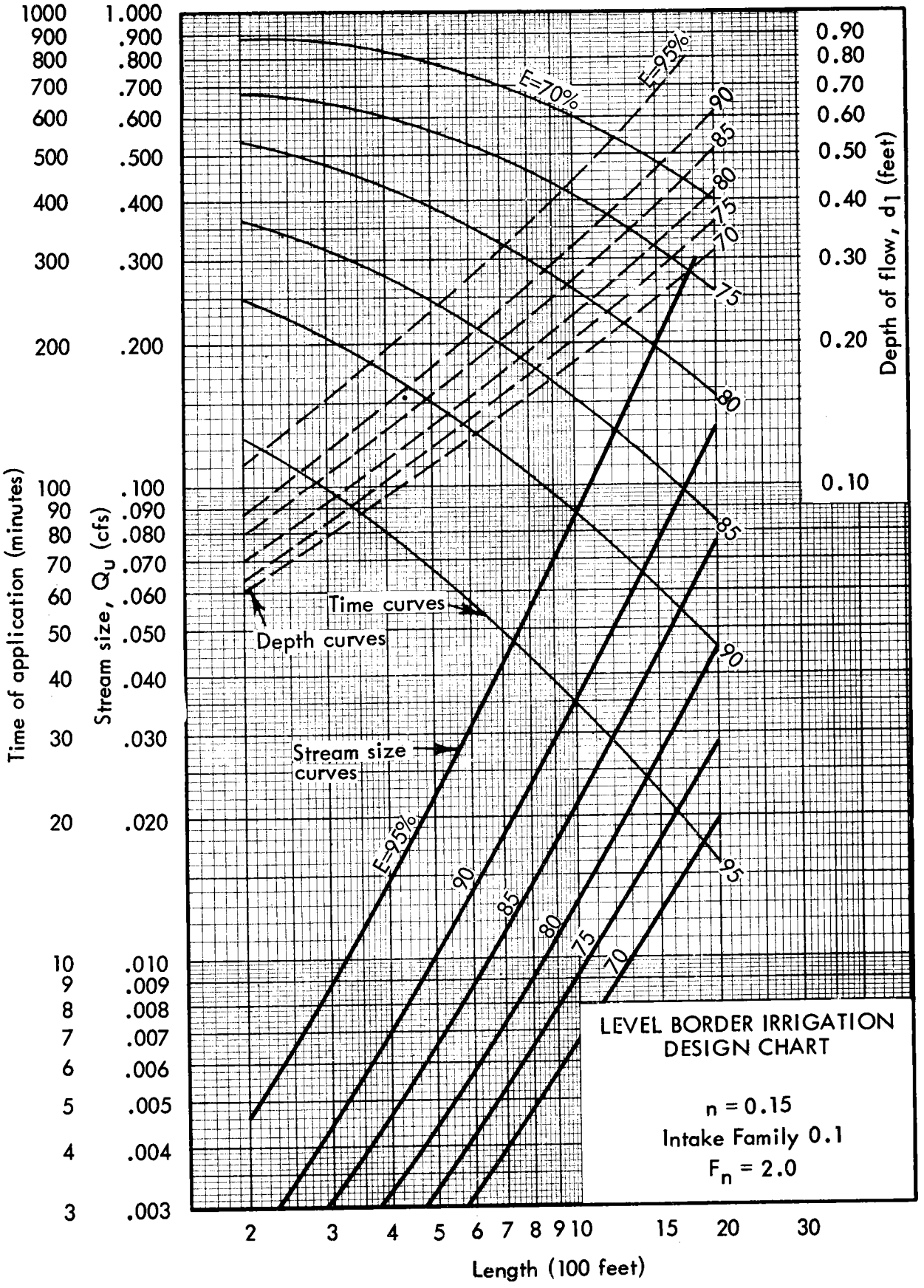

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=75%
70
60
50
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 4.0
F_n = 2.0

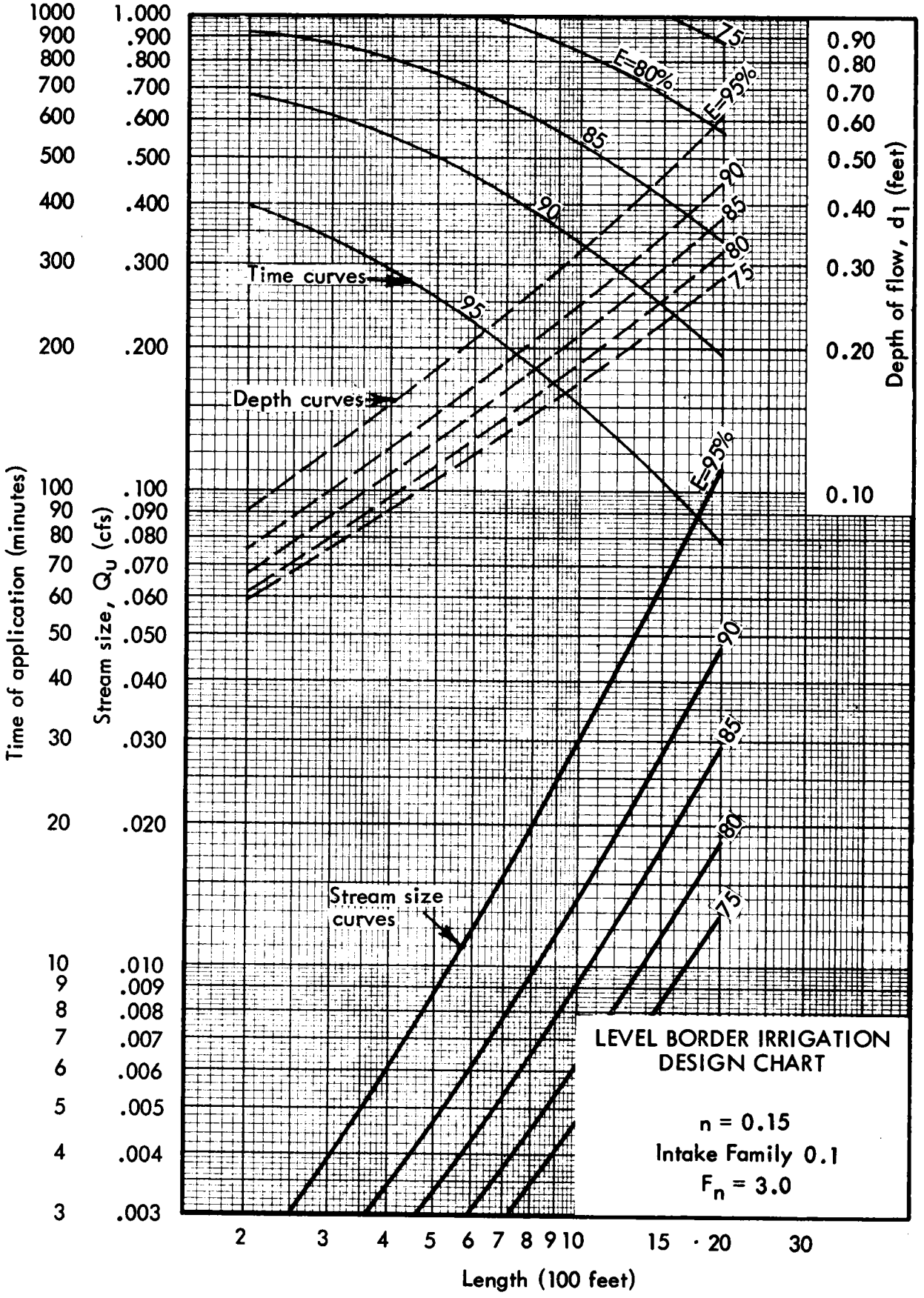

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=85%
E=50%
80
75
70
60
50
85
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 4.0
F_n = 3.0

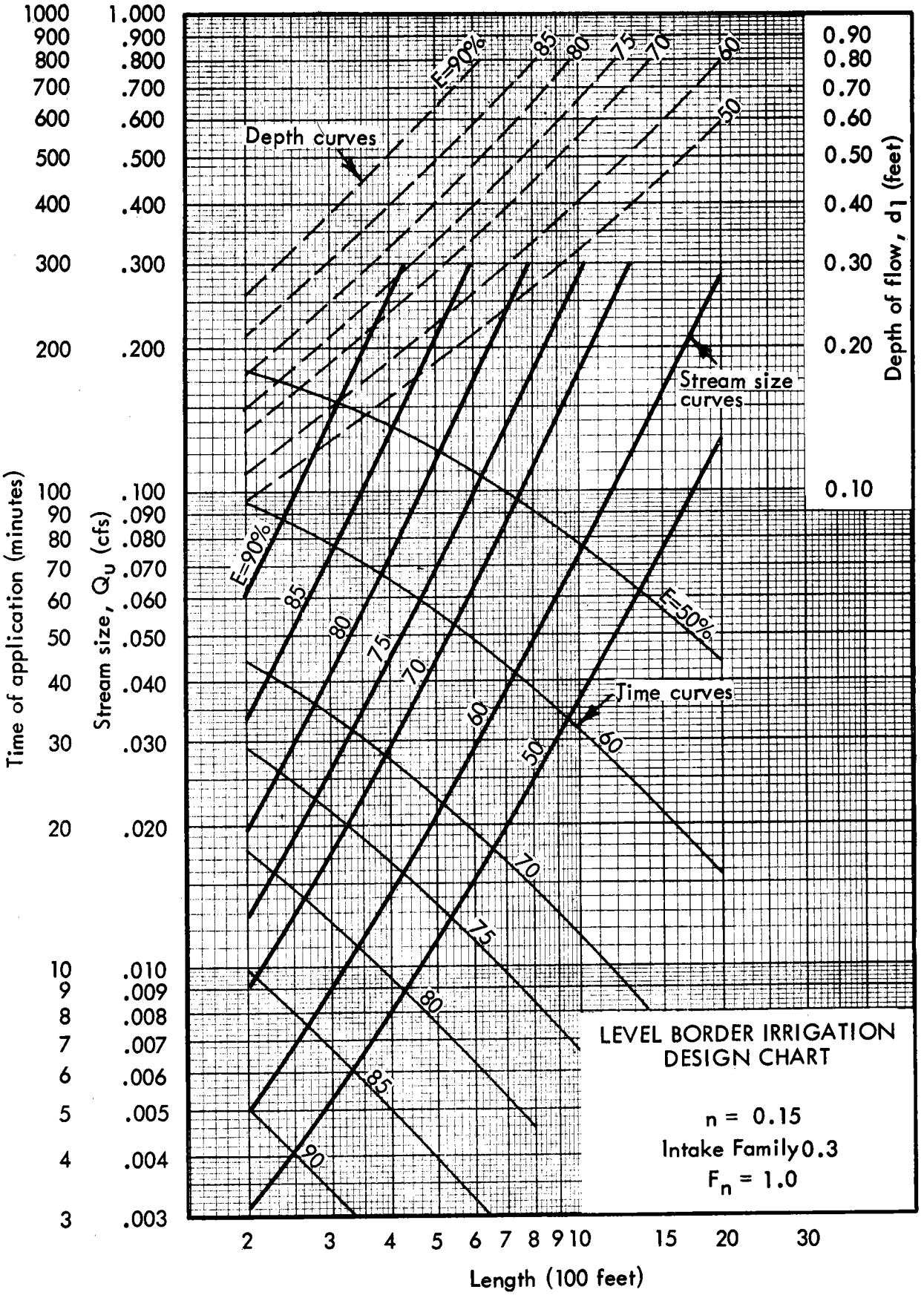

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=20%
E=90%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 4.0
F_n = 4.0

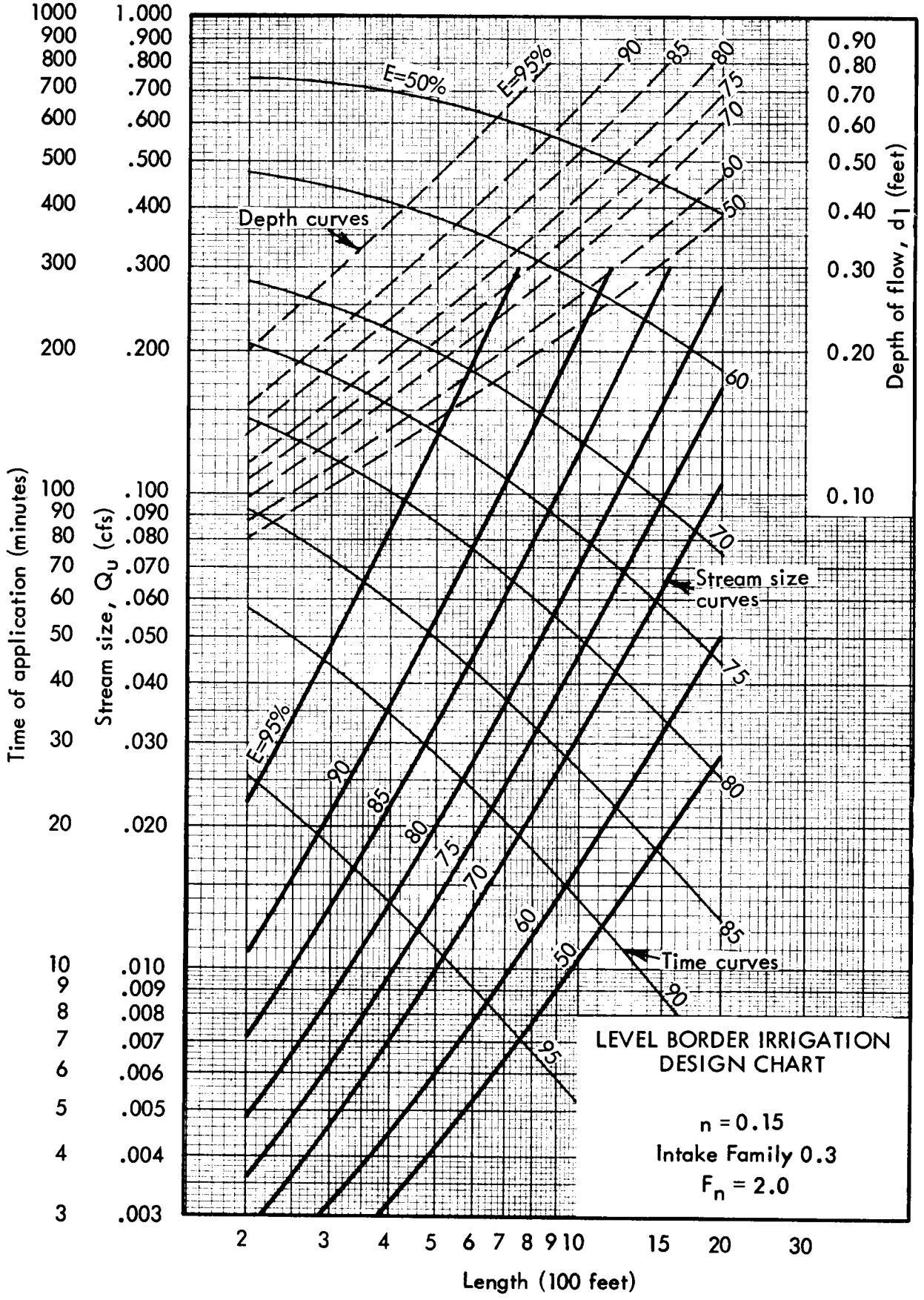

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=90%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.04
Intake Family 4.0
F_n =5.0

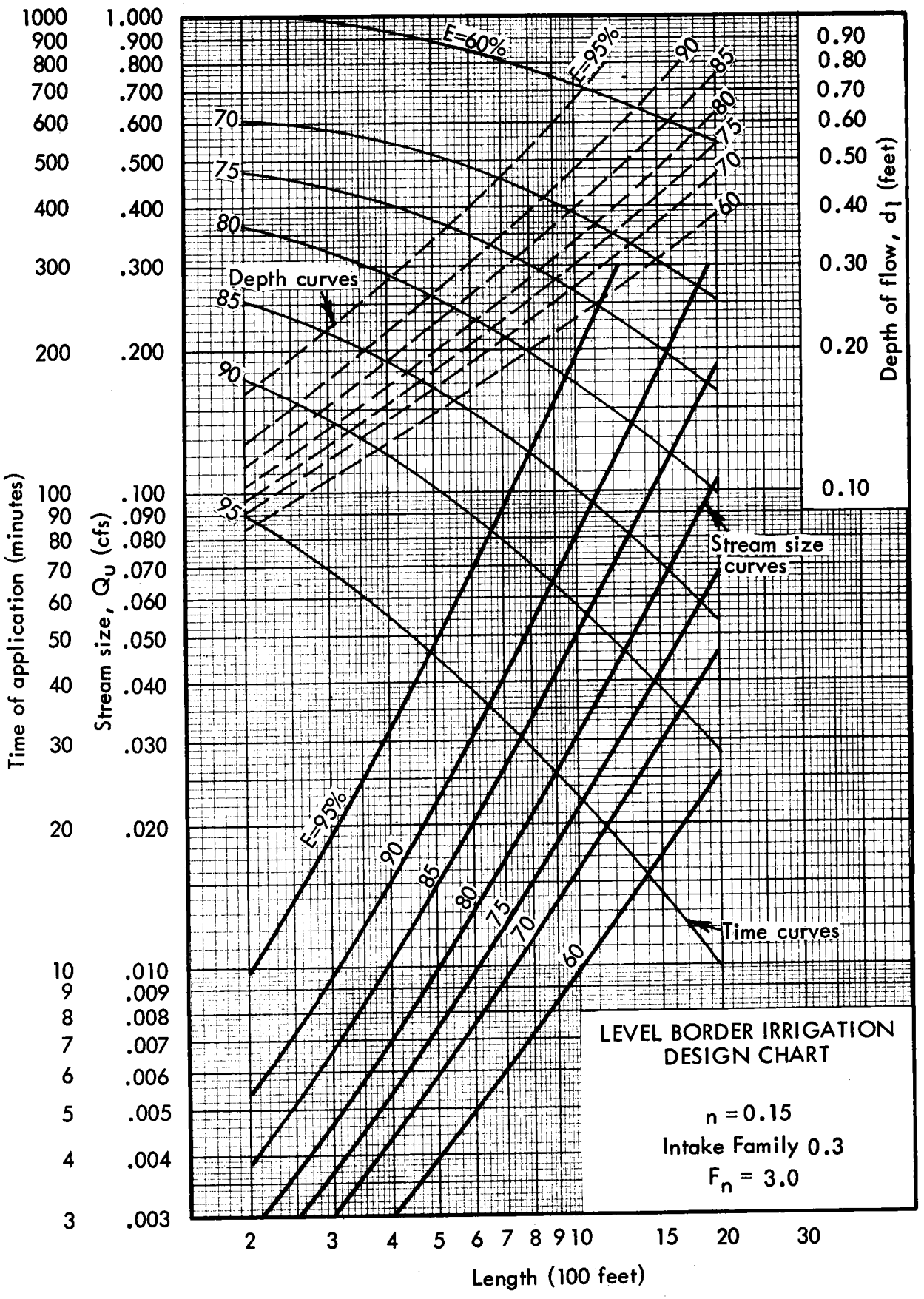

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=95%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.1
F_n = 1.0

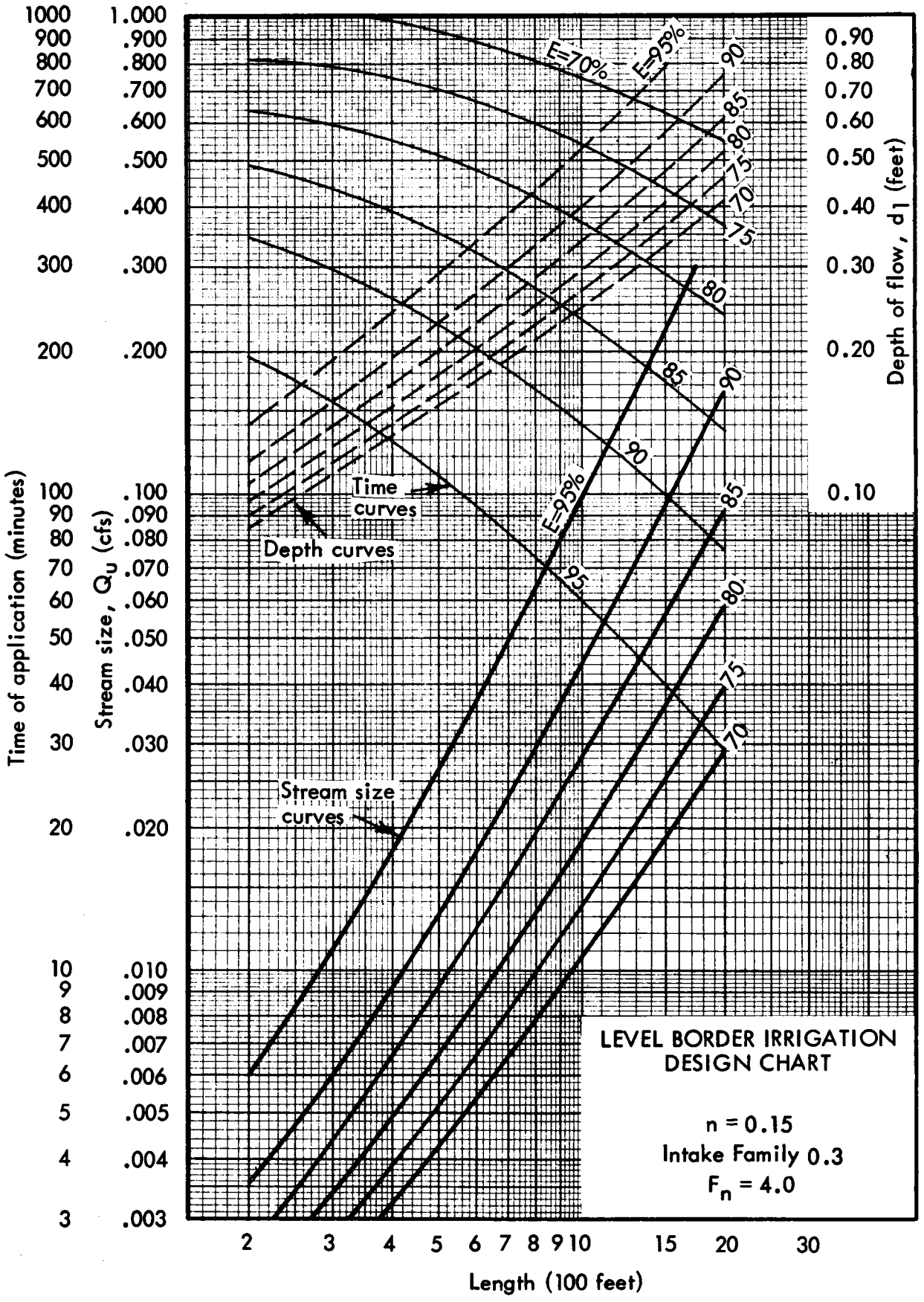

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.1
F_n = 2.0
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=70%
E=95%
90
85
80
75
70
95

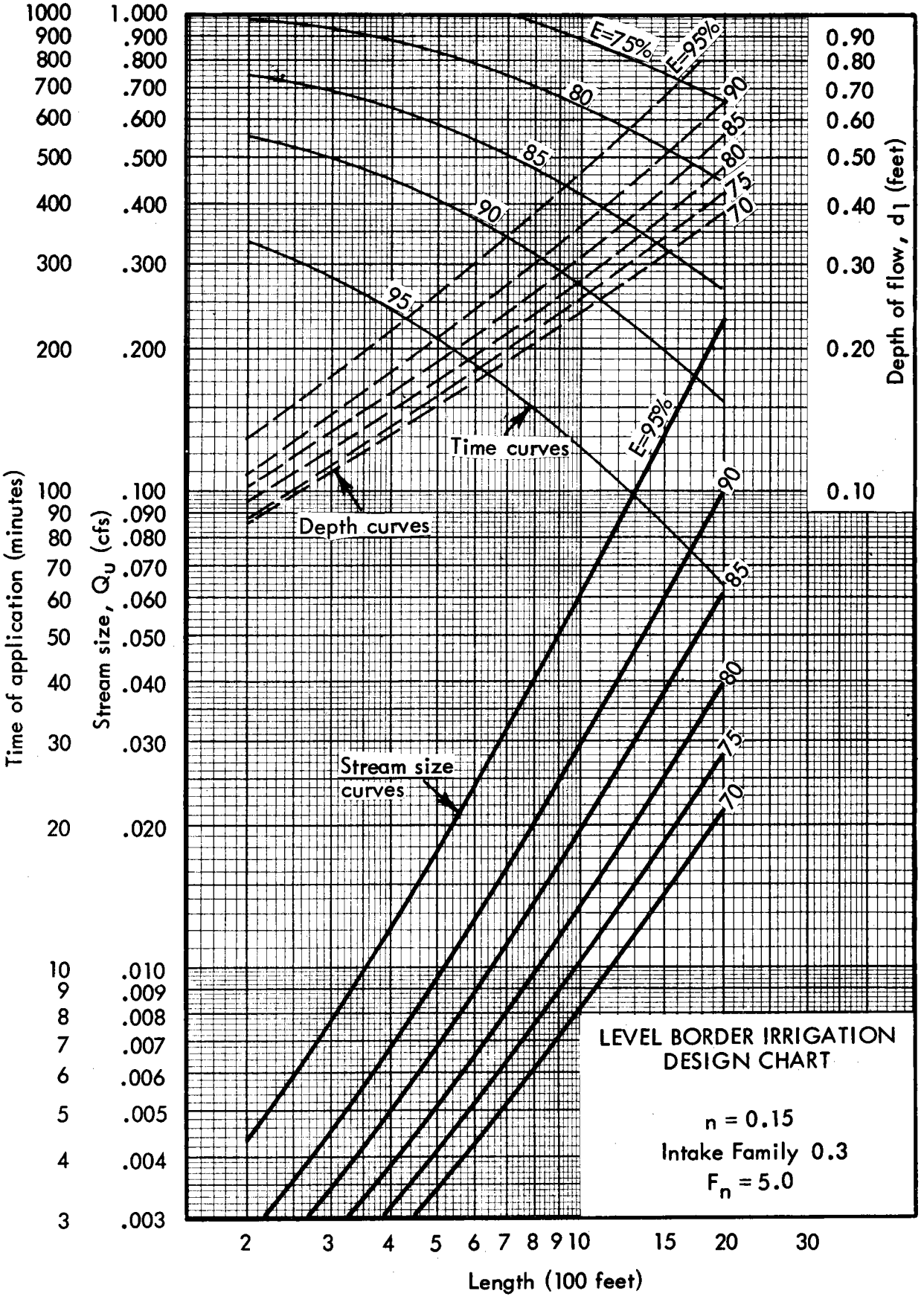

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=80%
E=95%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.1
F_n = 3.0

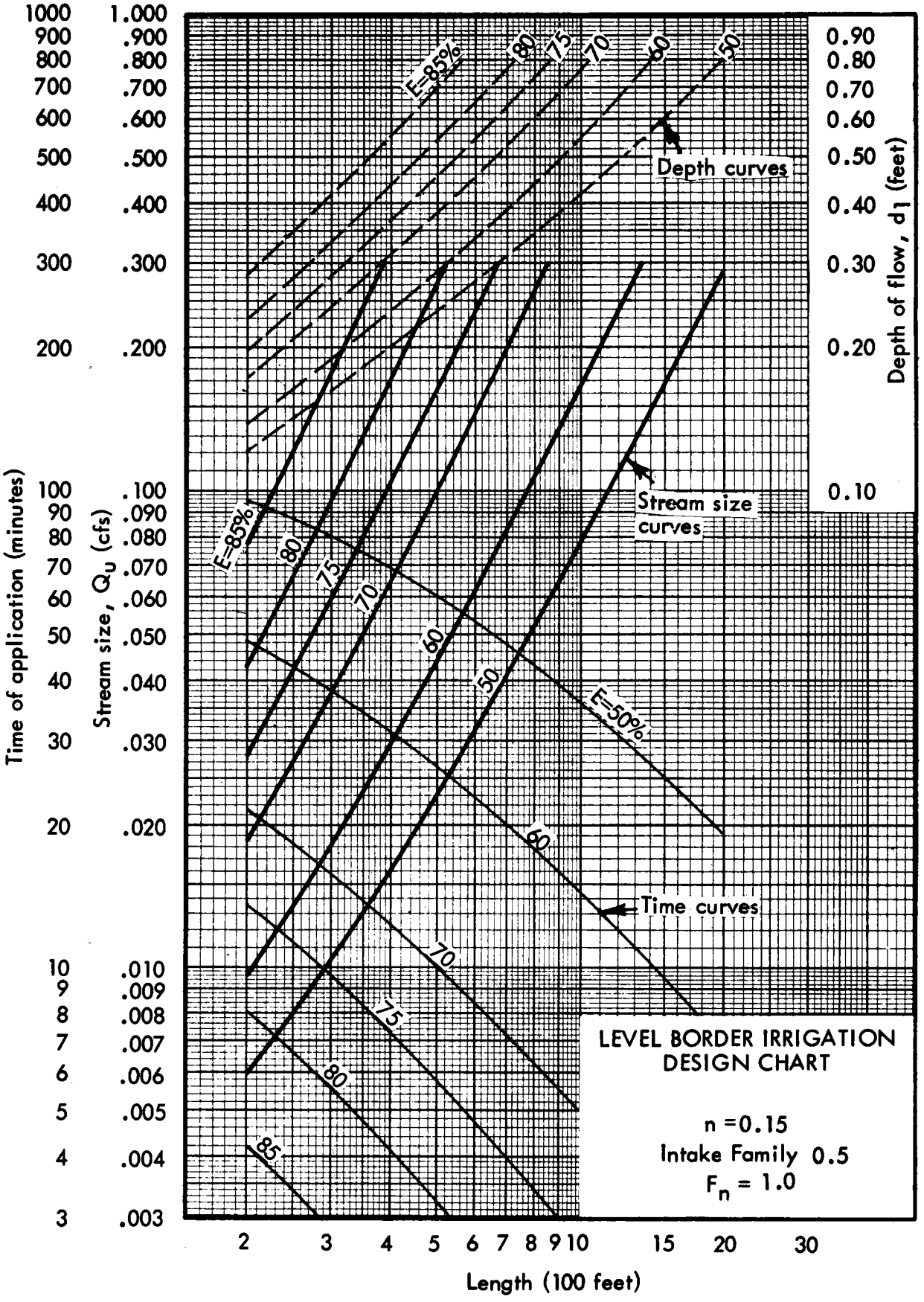

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=90%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.3
F_n = 1.0

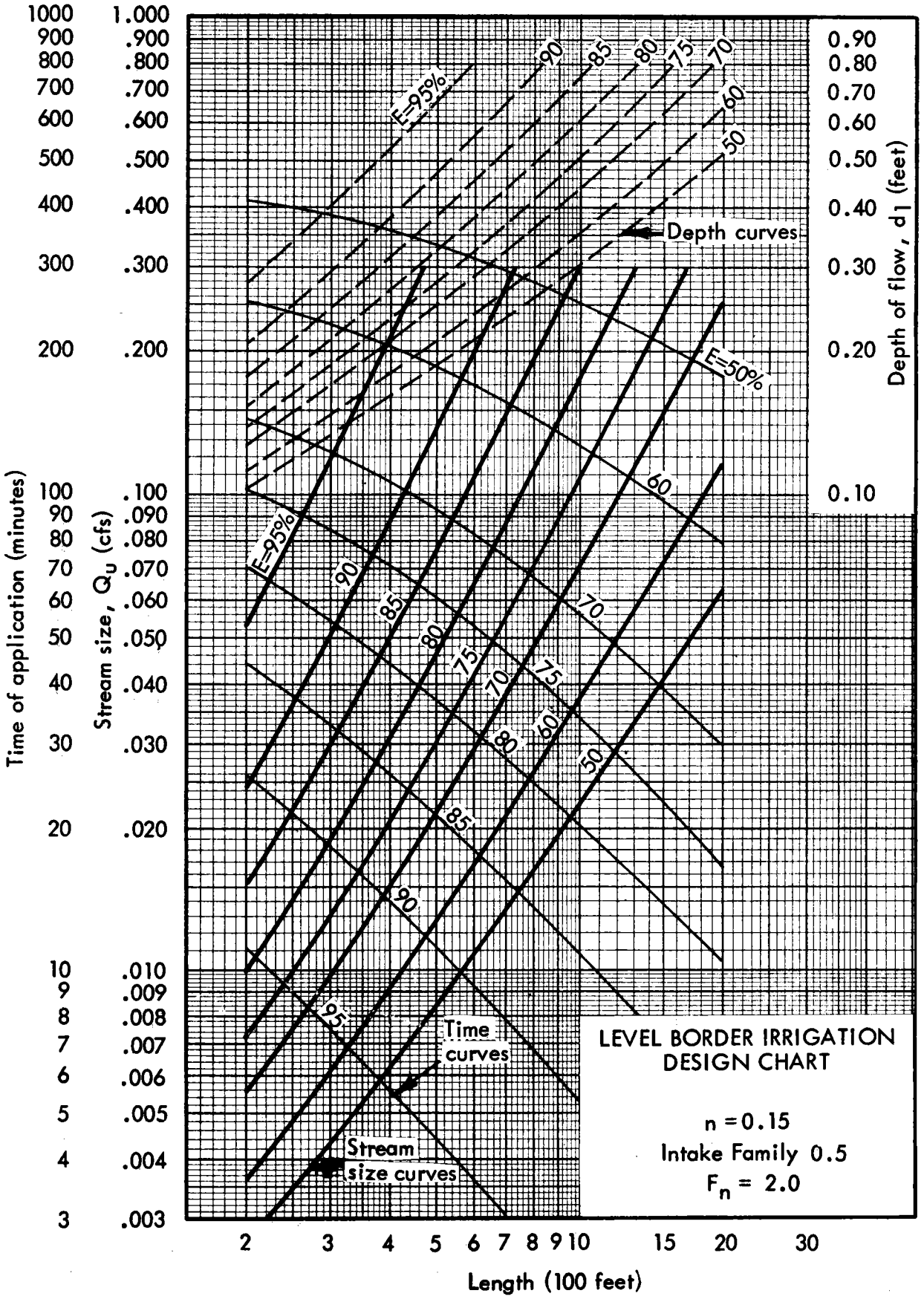

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
E=50%
E=95%
Depth curves
Stream size curves
Time curves
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.3
F_n = 2.0

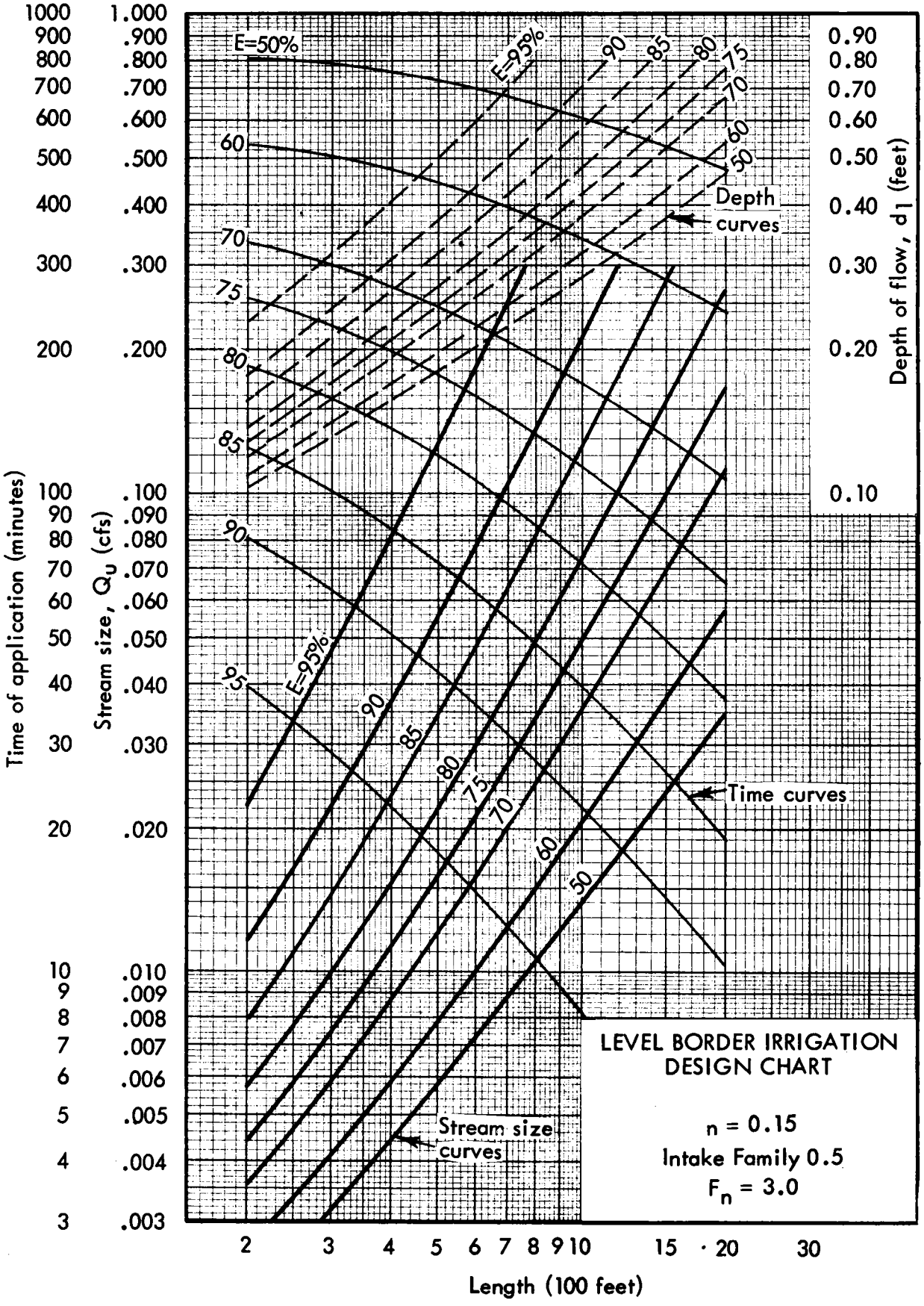

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
E=60%
E=95%
Depth curves
Stream size curves
Time curves
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.3
F_n = 3.0

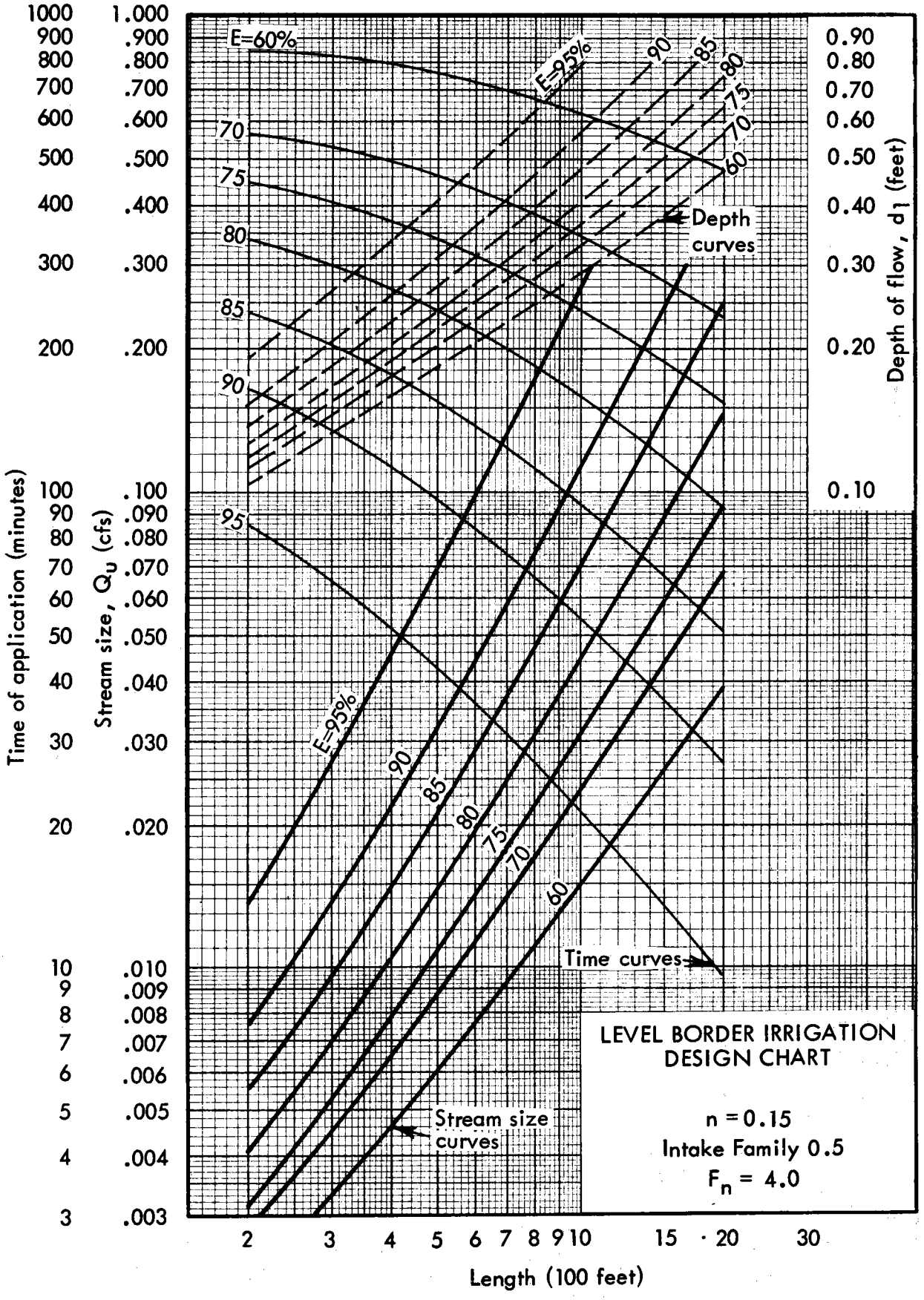

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=70%
E=95%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.3
F_n = 4.0

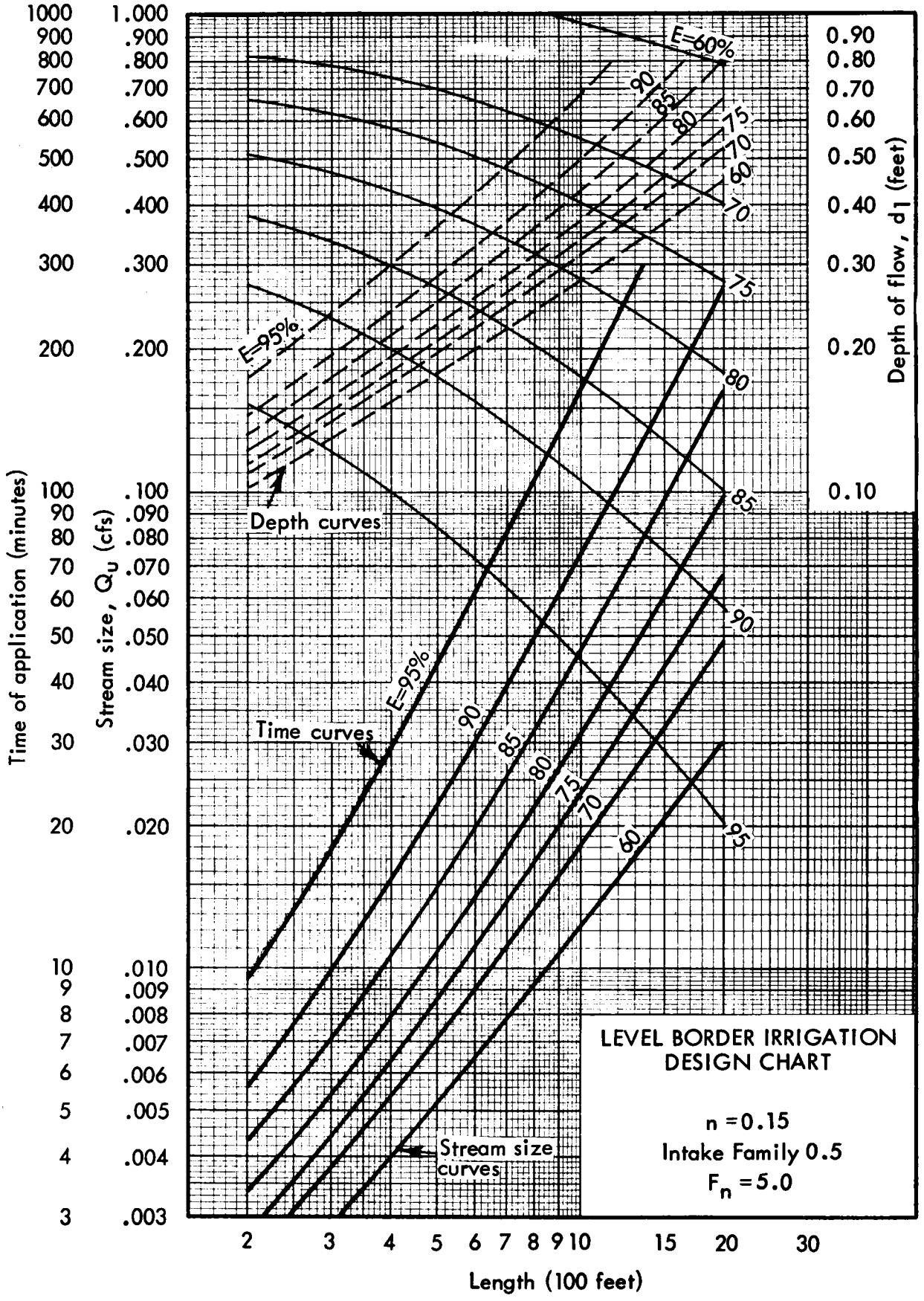

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
E=75%
E=95%
Time curves
Depth curves
Stream size curves
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.3
F_n = 5.0

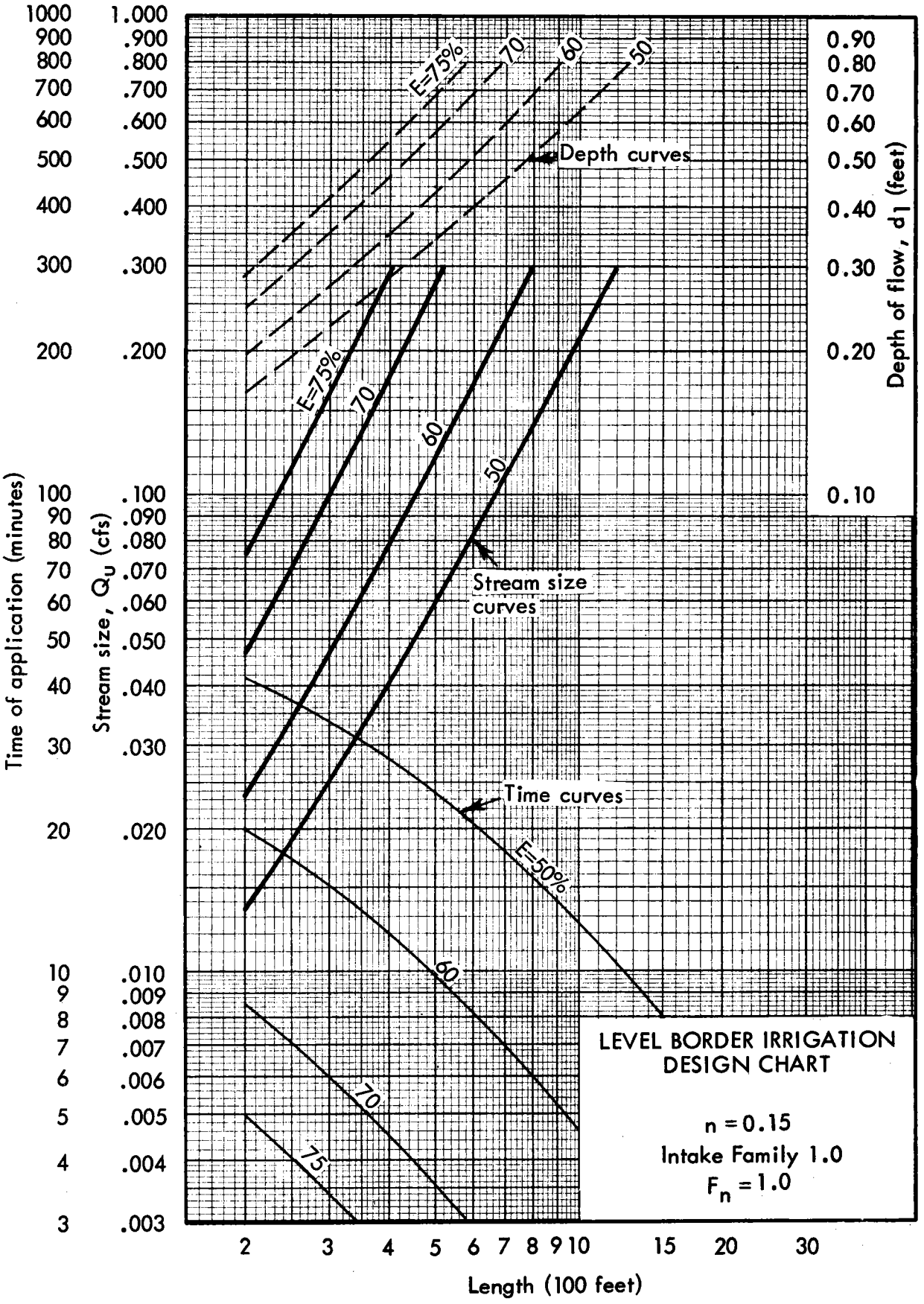

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.5
F_n = 1.0
Depth curves
Stream size curves
Time curves
E=85%
E=50%
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)

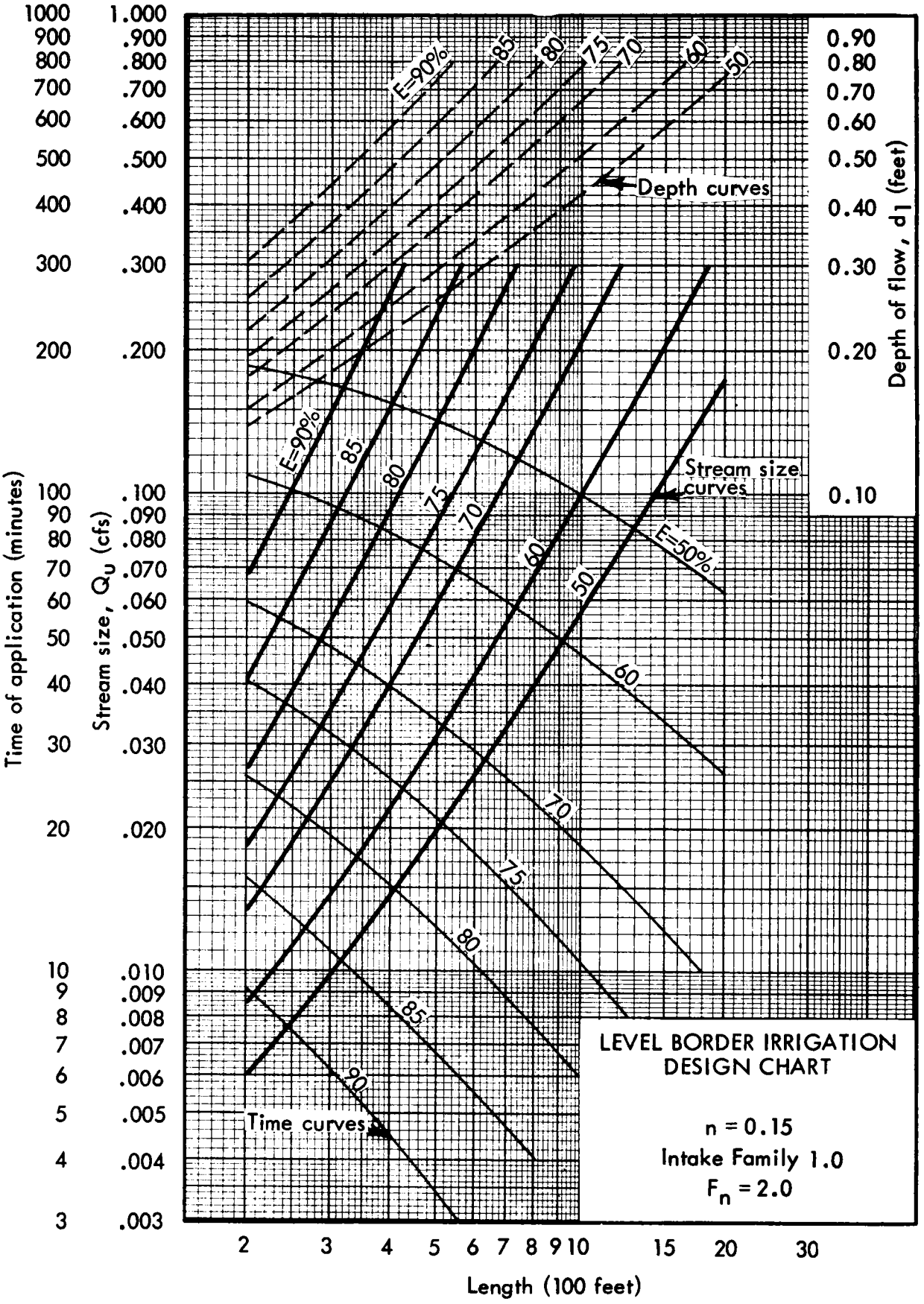

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.5
F_n = 2.0
Time curves
Stream size curves
Depth curves
E=95%
E=50%
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)

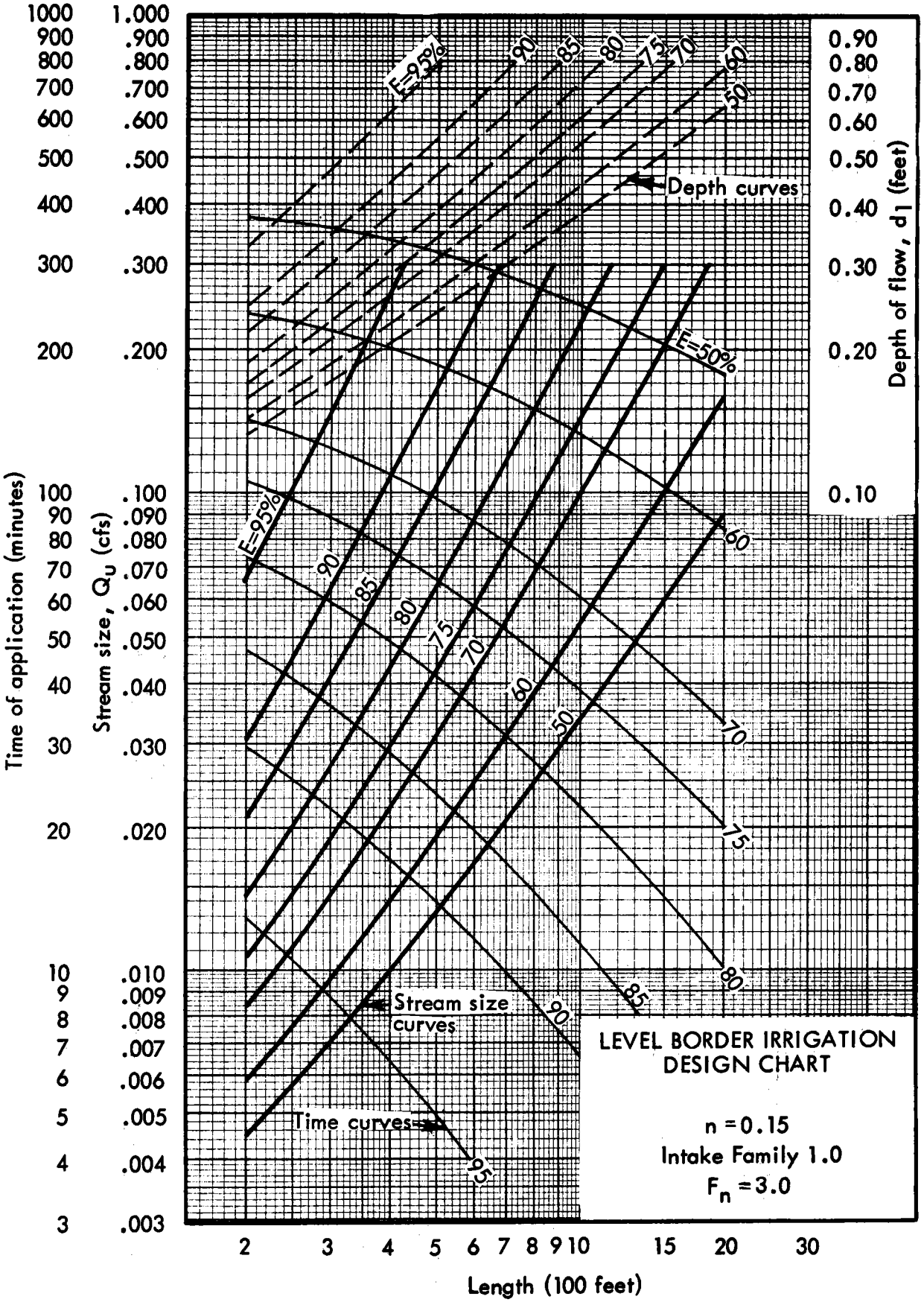

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.5
F_n = 3.0
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Stream size curves
Depth curves
E=50%
E=95%

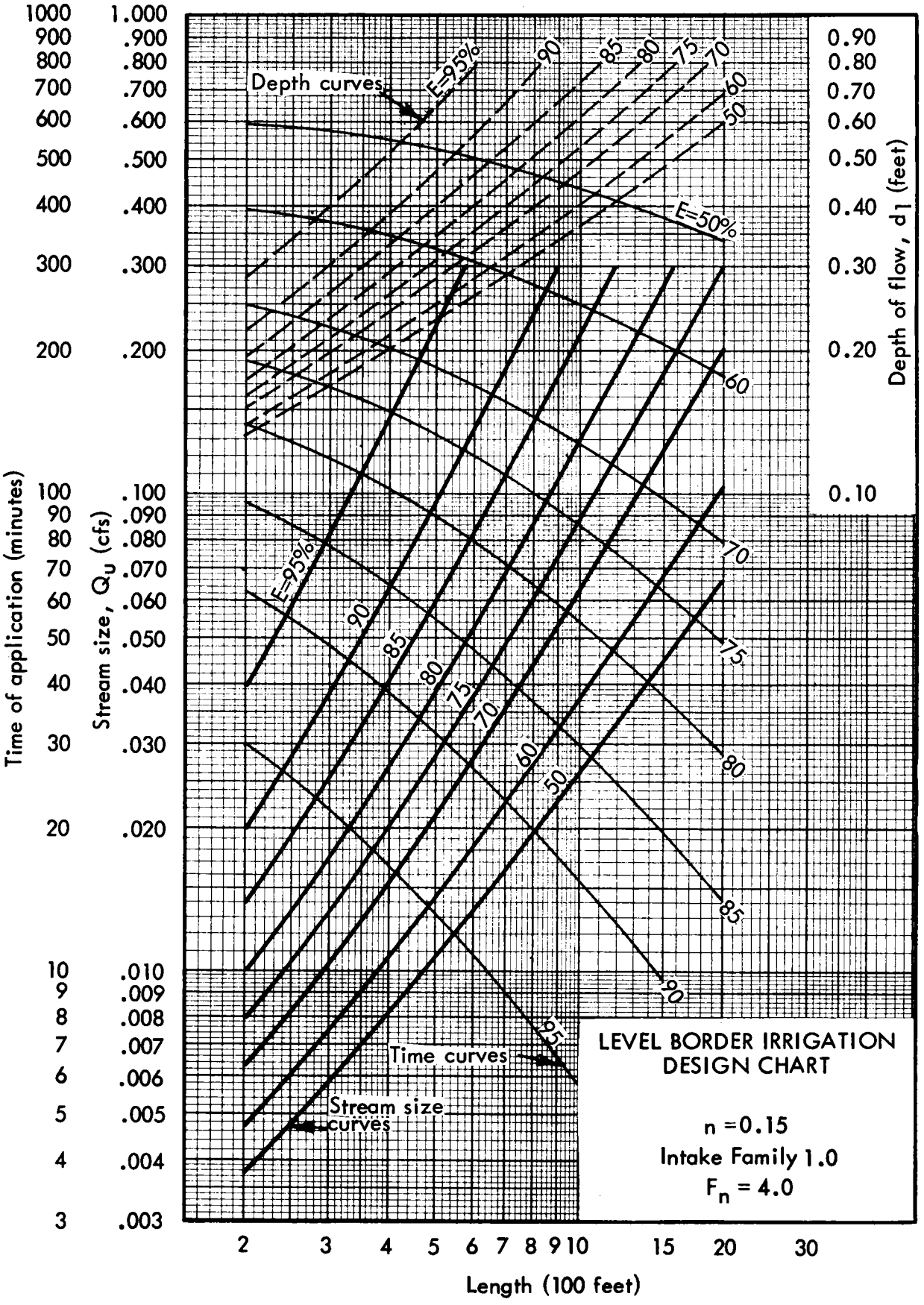

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
E=60%
70
75
80
85
90
95
E=95%
90
85
80
75
70
60
Depth curves
Time curves
Stream size curves
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.5
F_n = 4.0

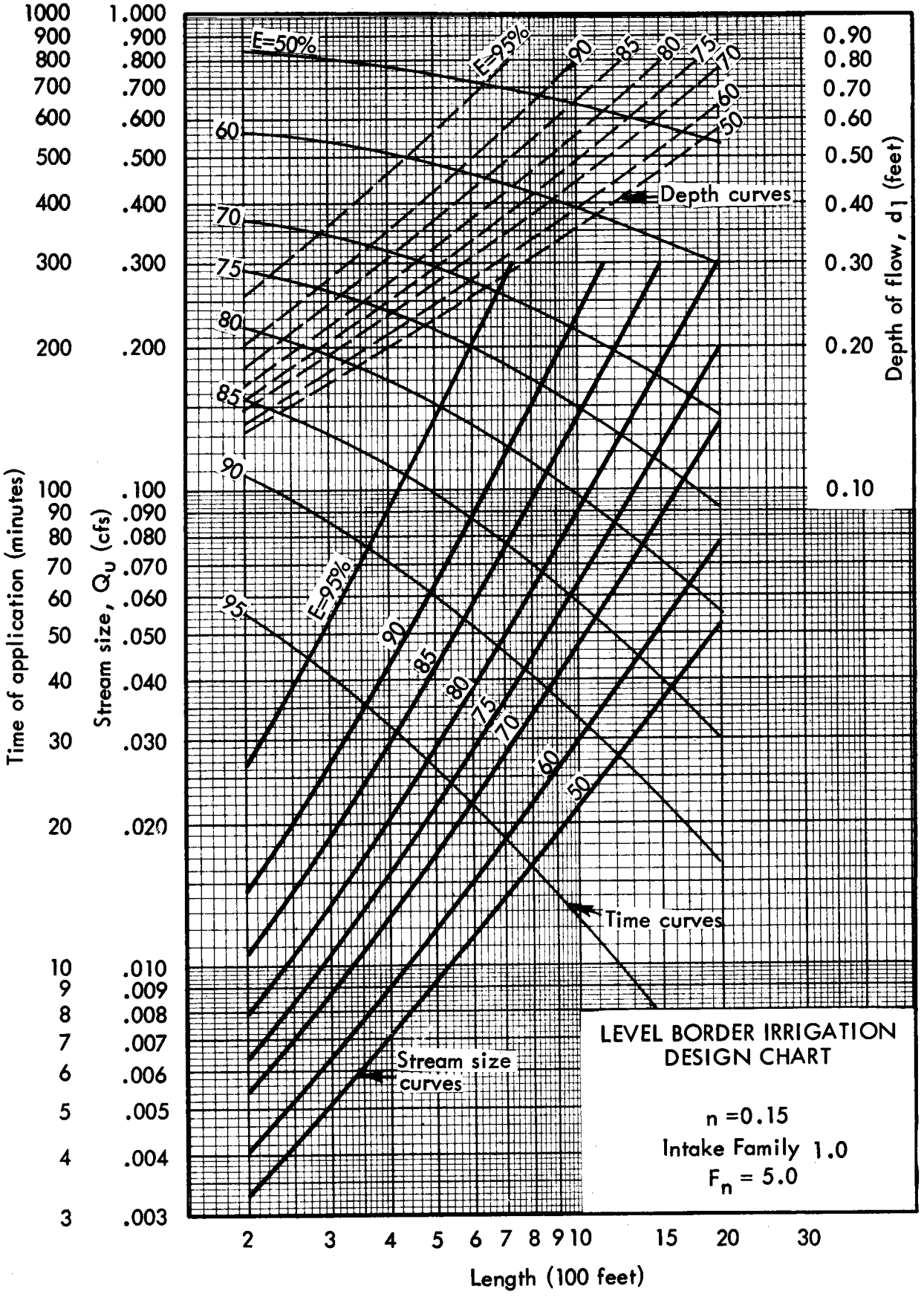

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=95%
E=60%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 0.5
F_n = 5.0

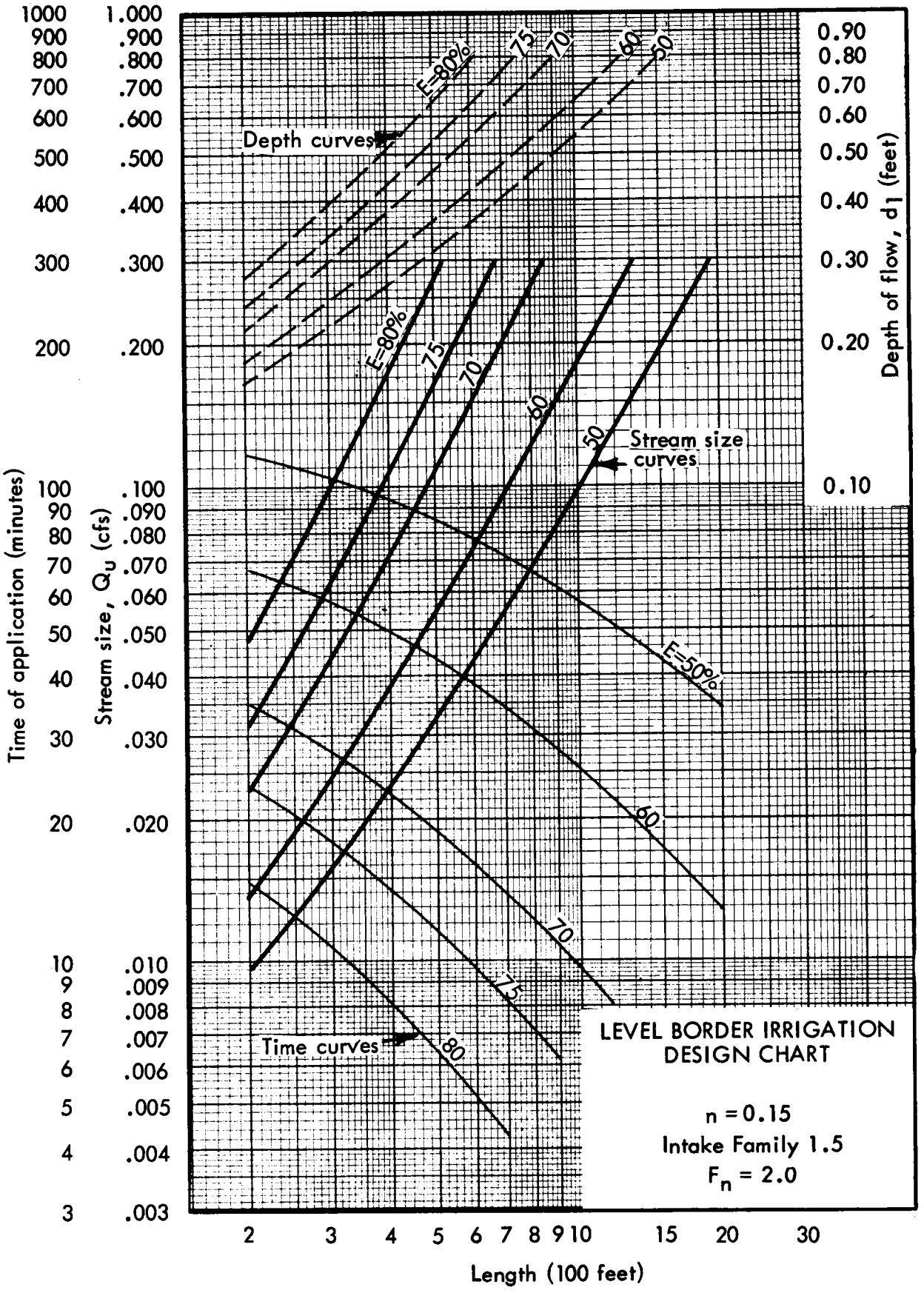

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=75%
70
60
50
E=50%
75
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 1.0
F_n = 1.0

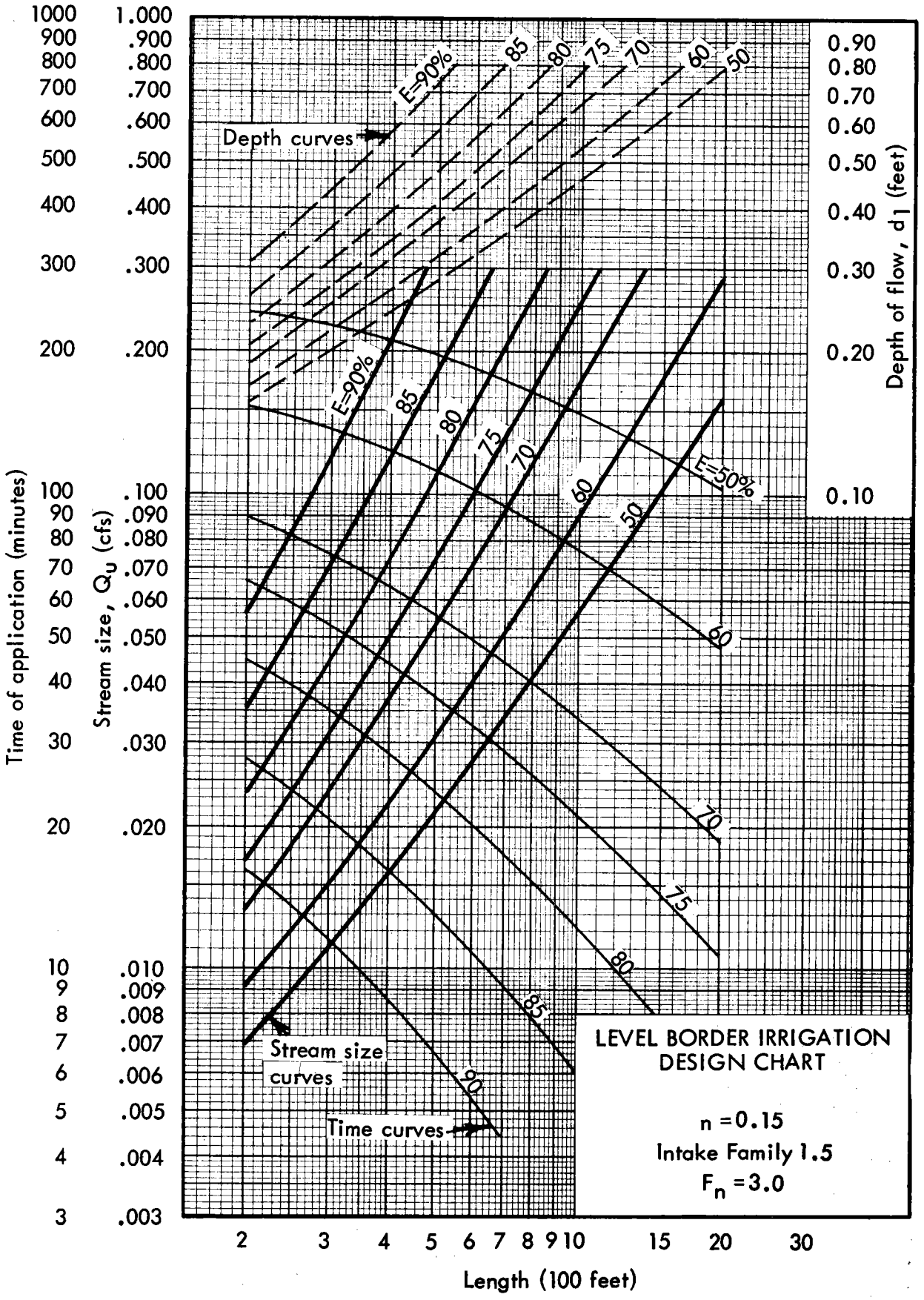

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=90%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 1.0
F_n = 2.0

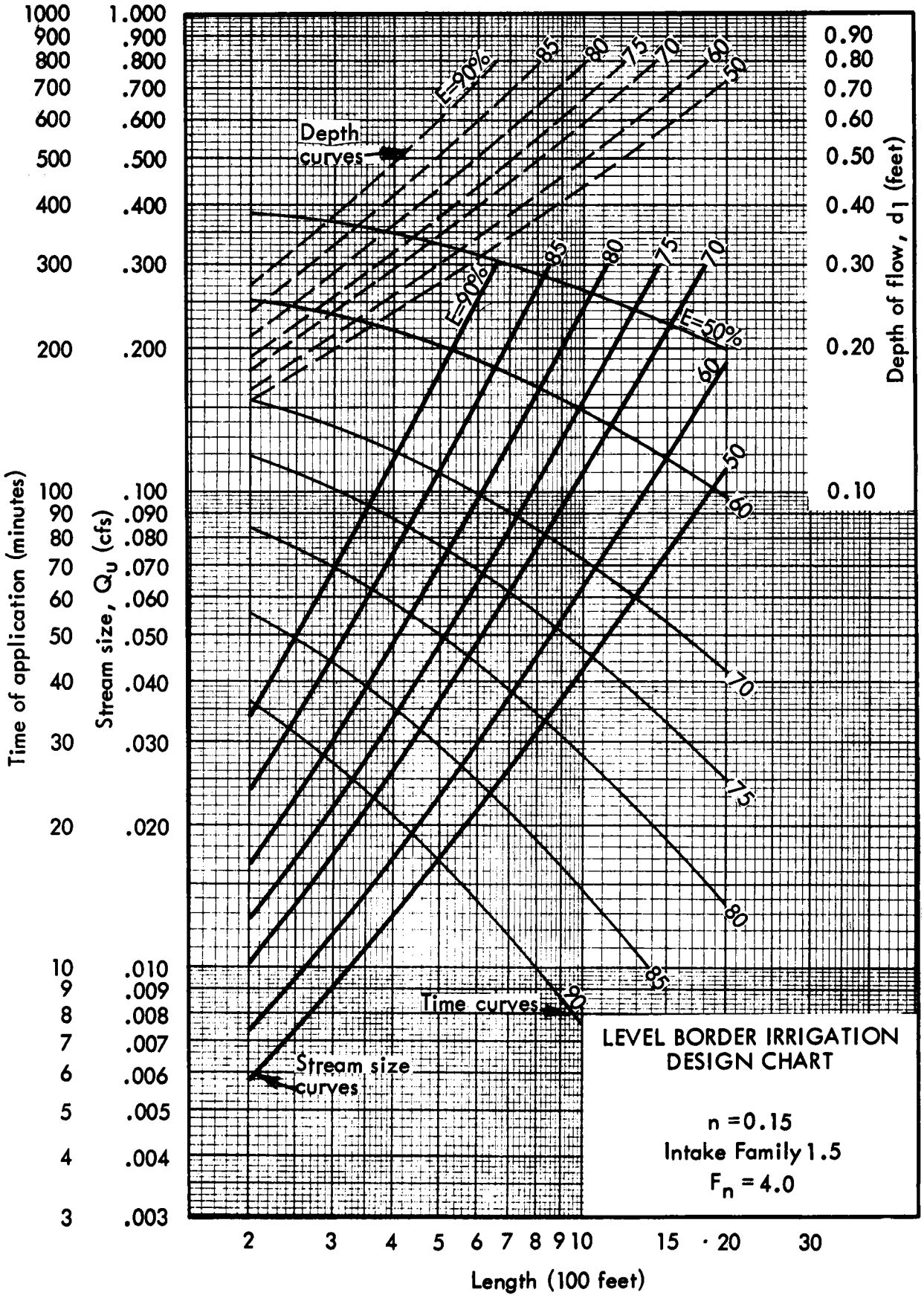

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=95%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 1.0
F_n = 3.0

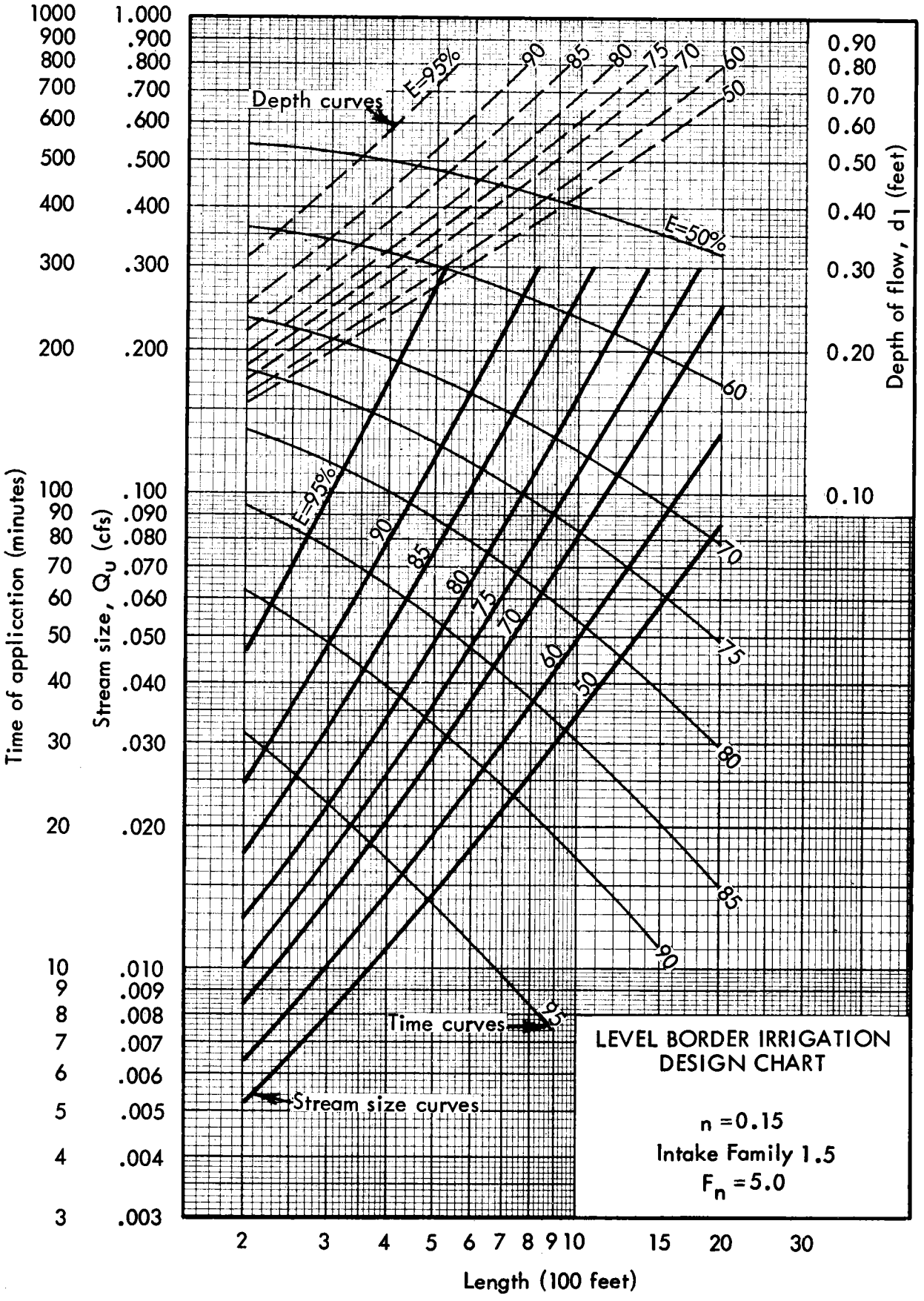

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
E=95%
E=50%
Time curves
Stream size curves
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 1.0
F_n = 4.0

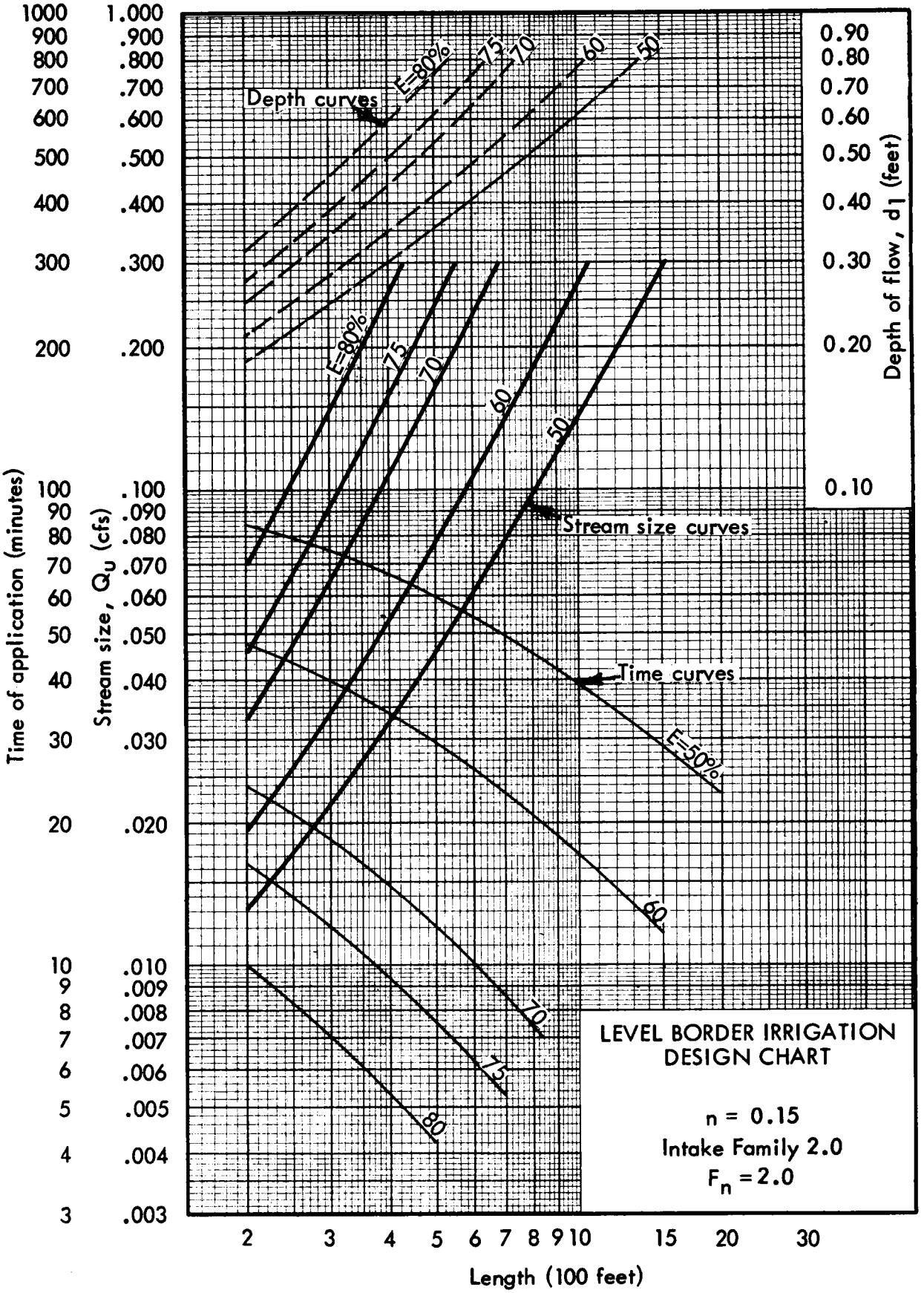

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
E=50%
E=95%
Depth curves
Time curves
Stream size curves
LEVEL BORDER IRRIGATION DESIGN CHART
n =0.15
Intake Family 1.0
F_n = 5.0

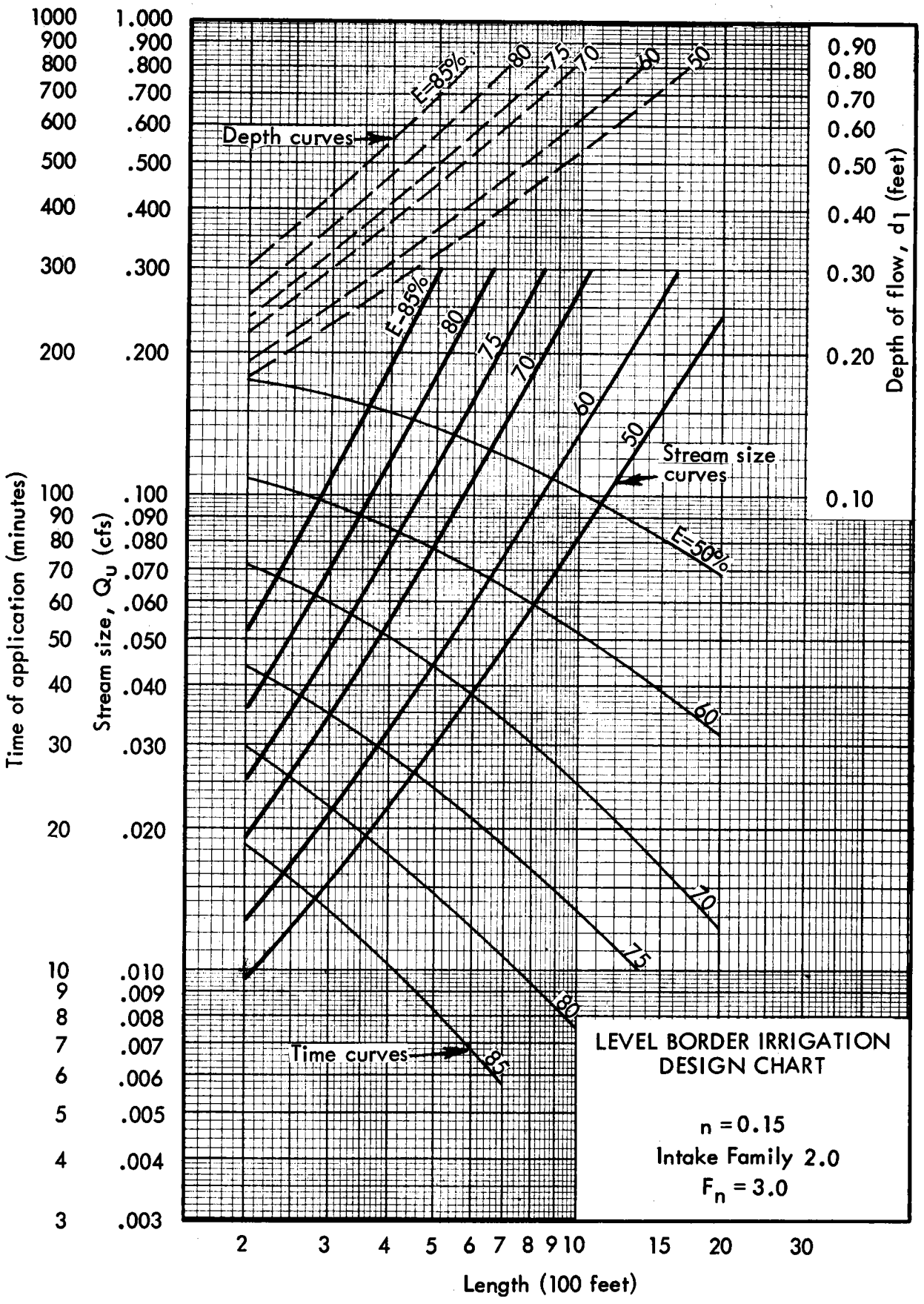

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=80%
75
70
60
50
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 1.5
F_n = 2.0

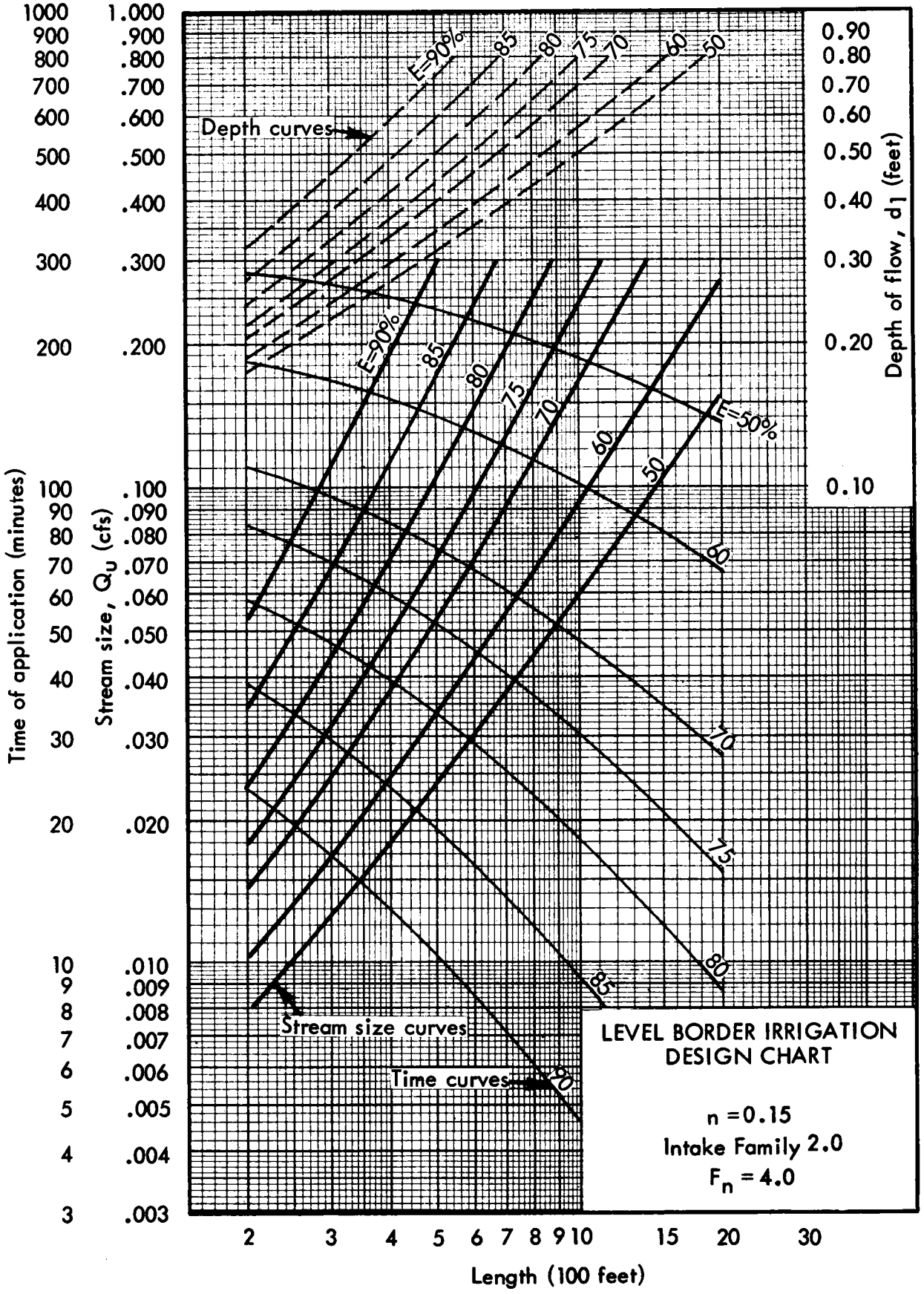

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=90%
85
80
75
70
60
50
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 1.5
F_n = 3.0

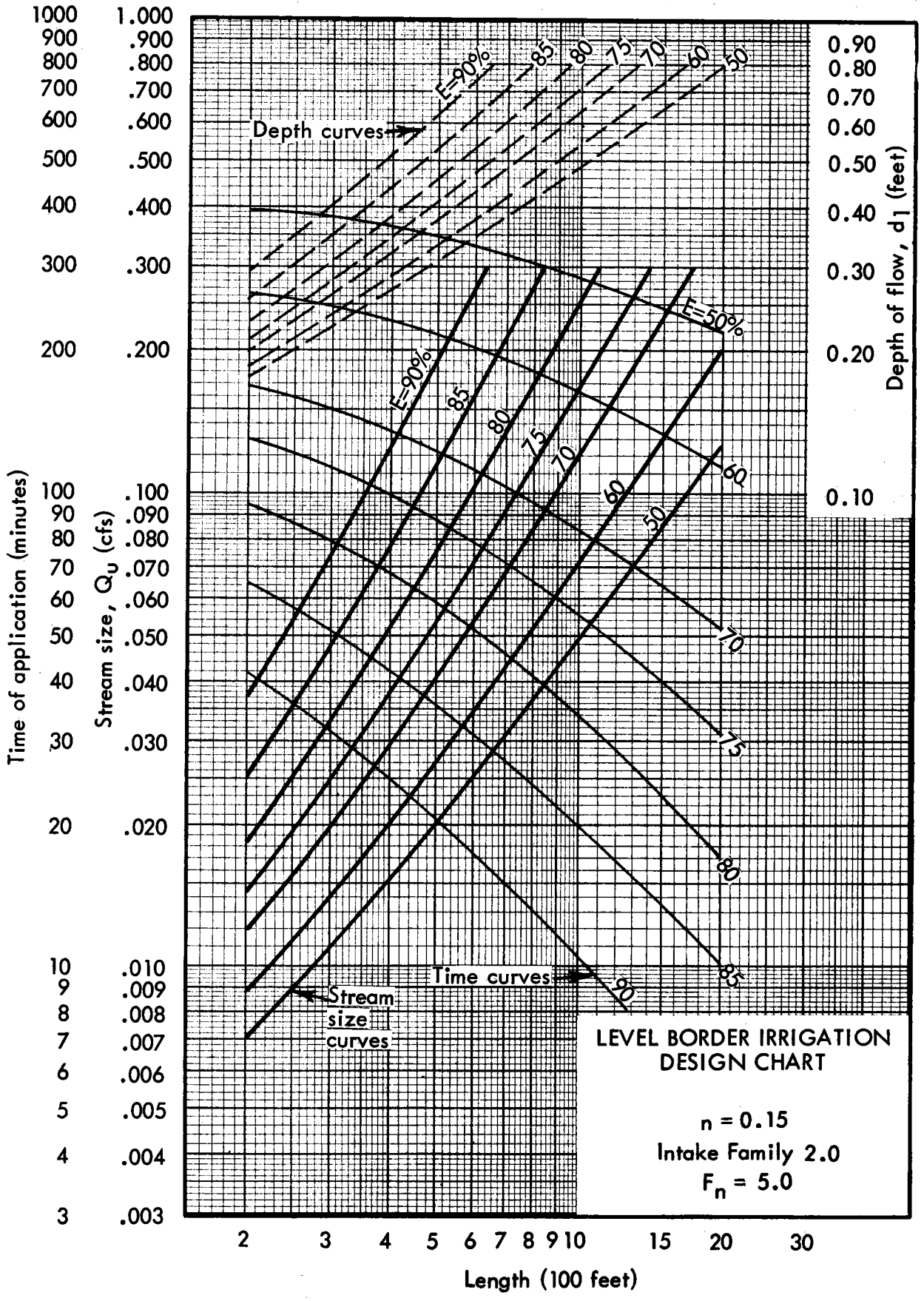

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=90%
85
80
75
70
60
50
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 1.5
F_n = 4.0

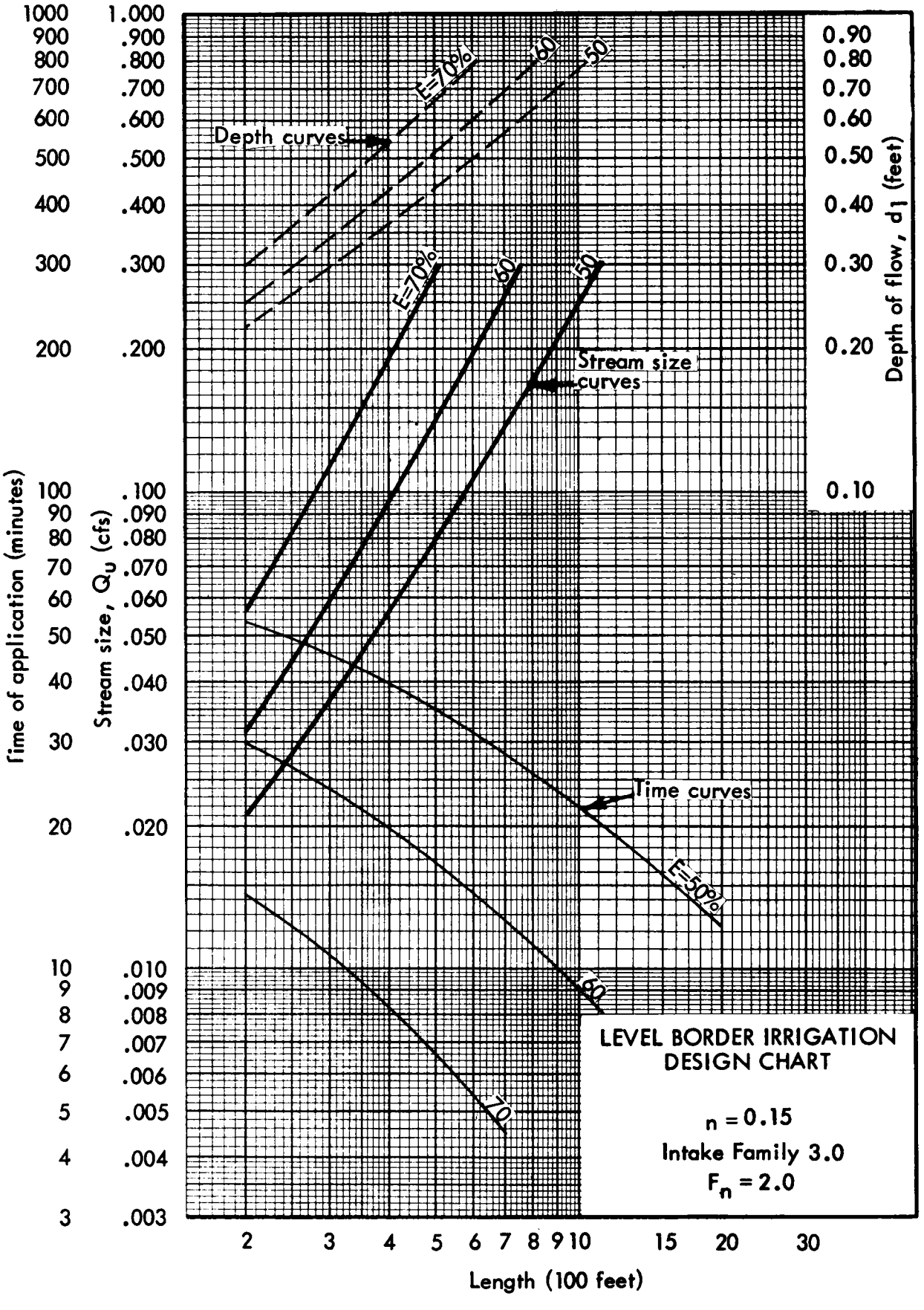

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=95%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 1.5
F_n = 5.0

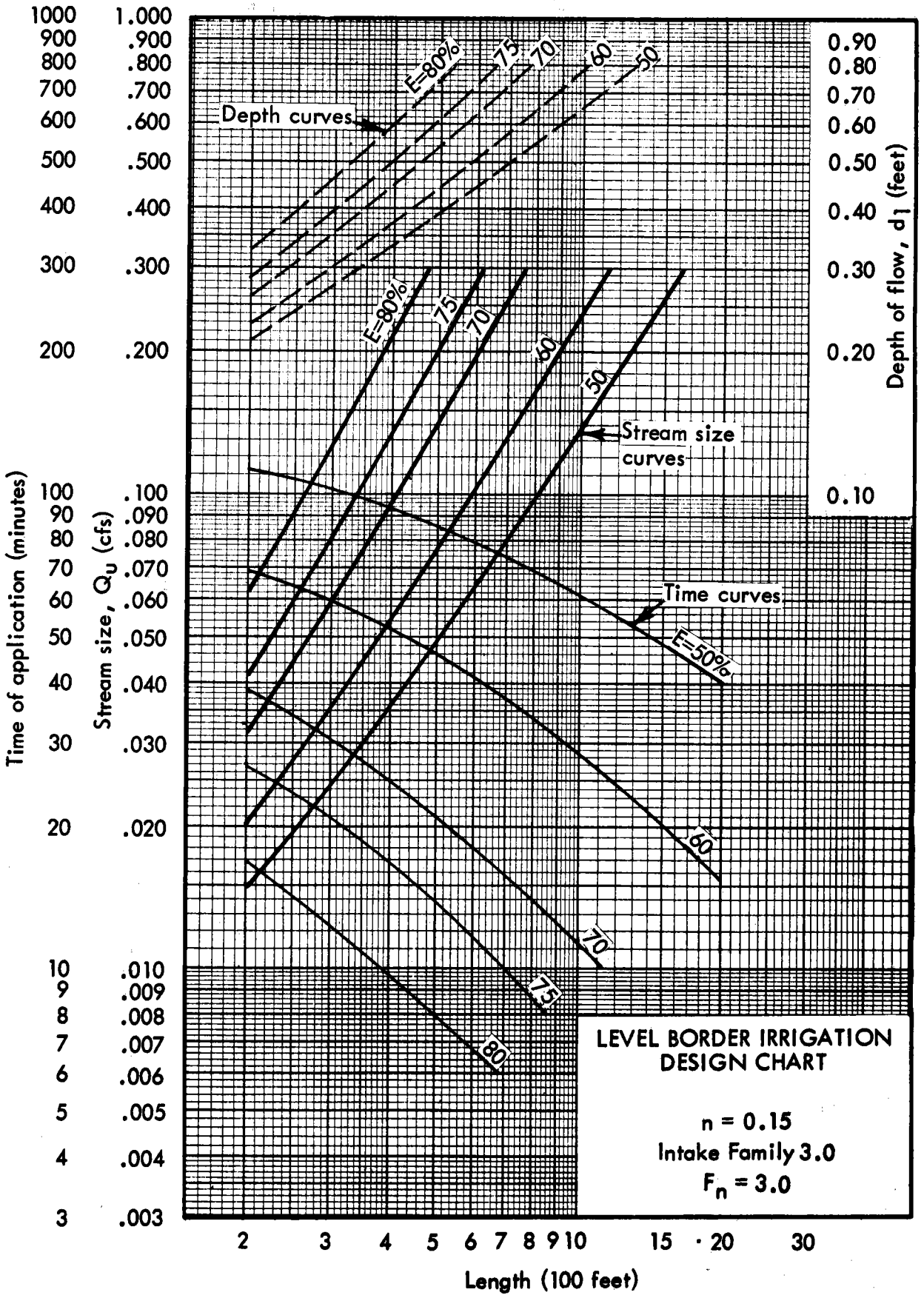

Depth curves
E=80%
75
70
60
50
Stream size curves
Time curves
E=50%
80
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 2.0
F_n = 2.0

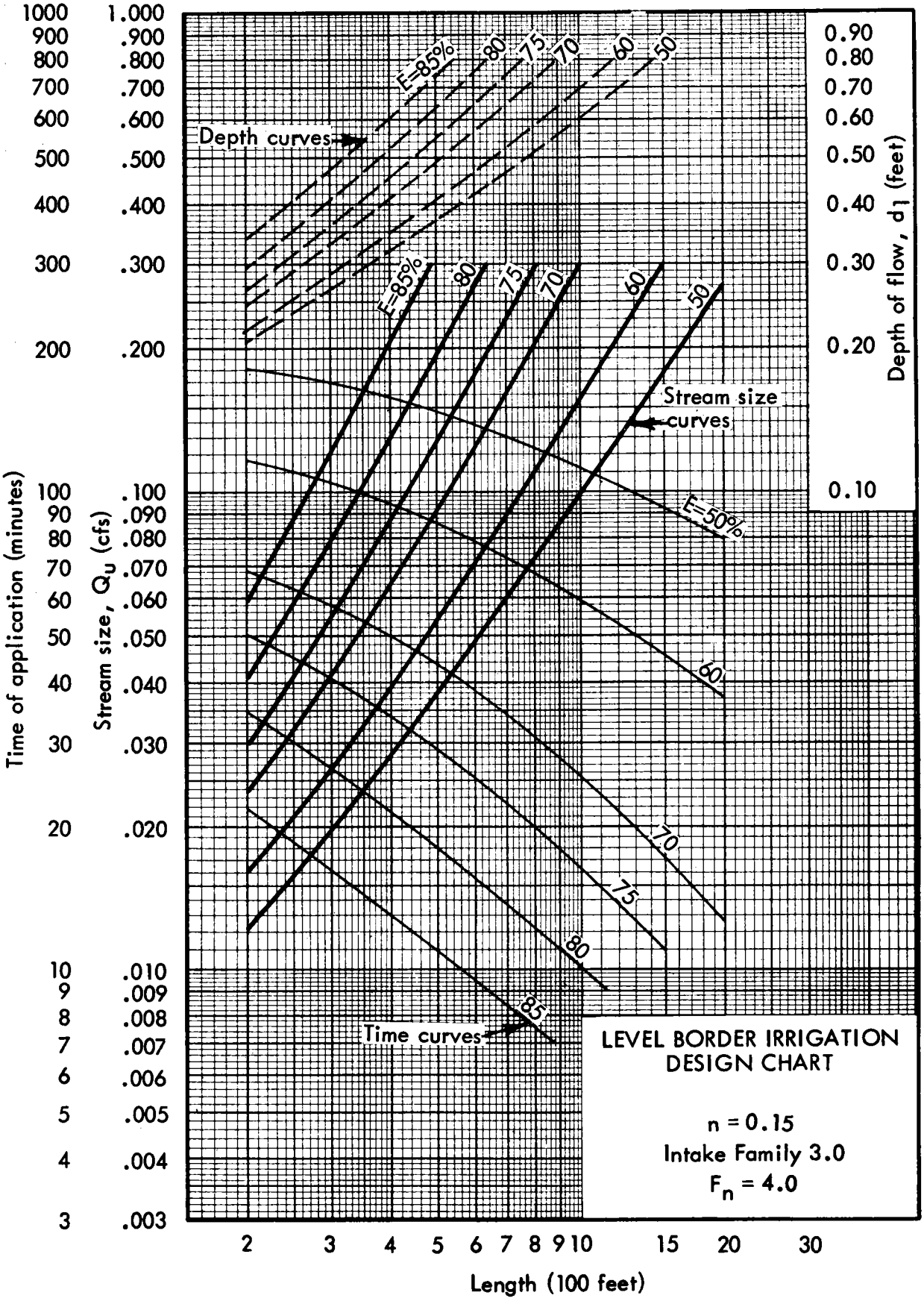

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 2.0
F_n = 3.0
Depth curves
Stream size curves
Time curves
E=85%
80
75
70
60
50
E=50%
85
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
1000
900
800
700
600
500
400
300
200
100
90
80
70
60
50
40
30
20
10
9
8
7
6
5
4
3
1.000
.900
.800
.700
.600
.500
.400
.300
.200
.100
.090
.080
.070
.060
.050
.040
.030
.020
.010
.009
.008
.007
.006
.005
.004
.003
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
2
3
4
5
6
7
8
9
10
15
20
30

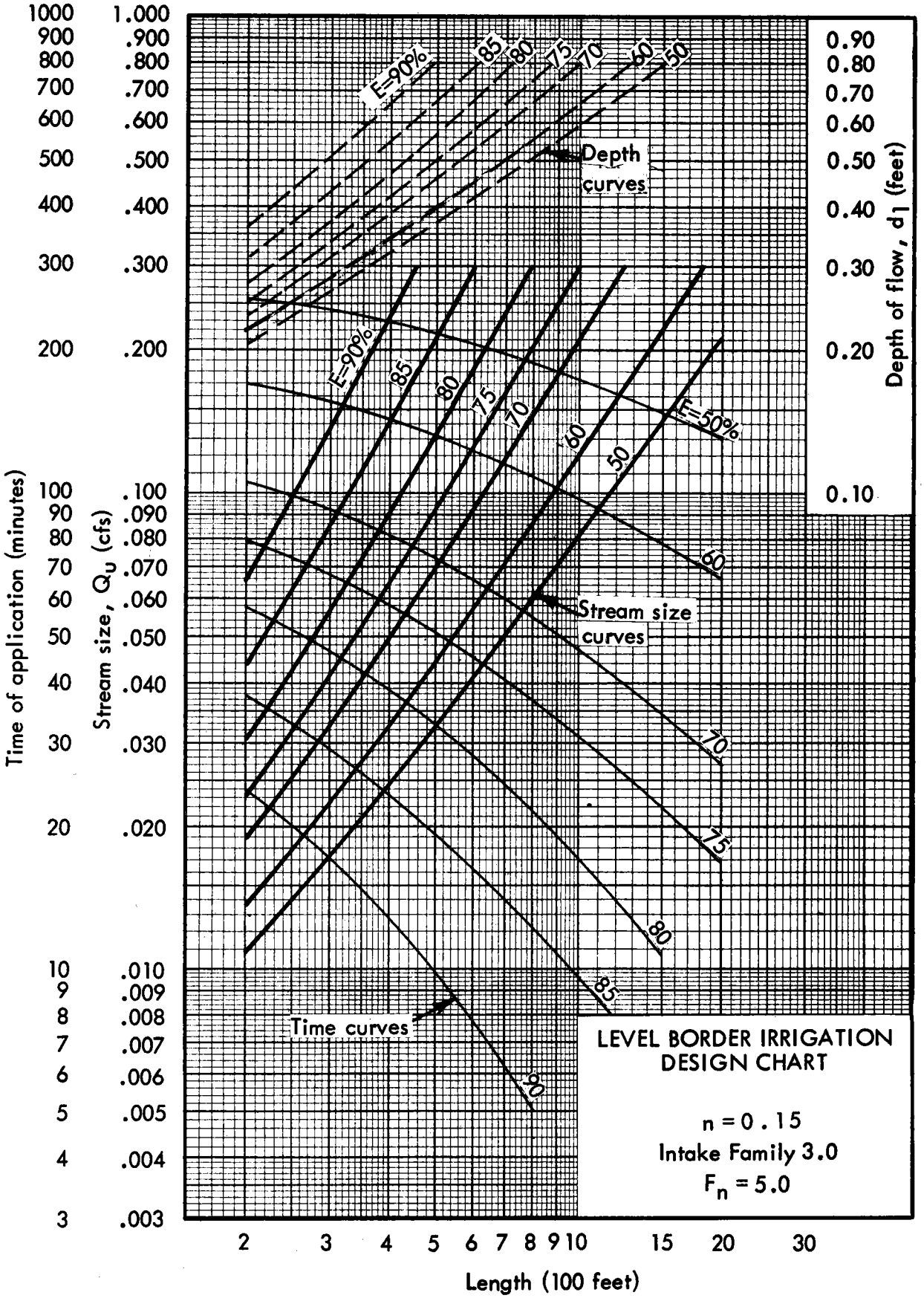

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=90%
85
80
75
70
60
50
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 2.0
F_n = 4.0

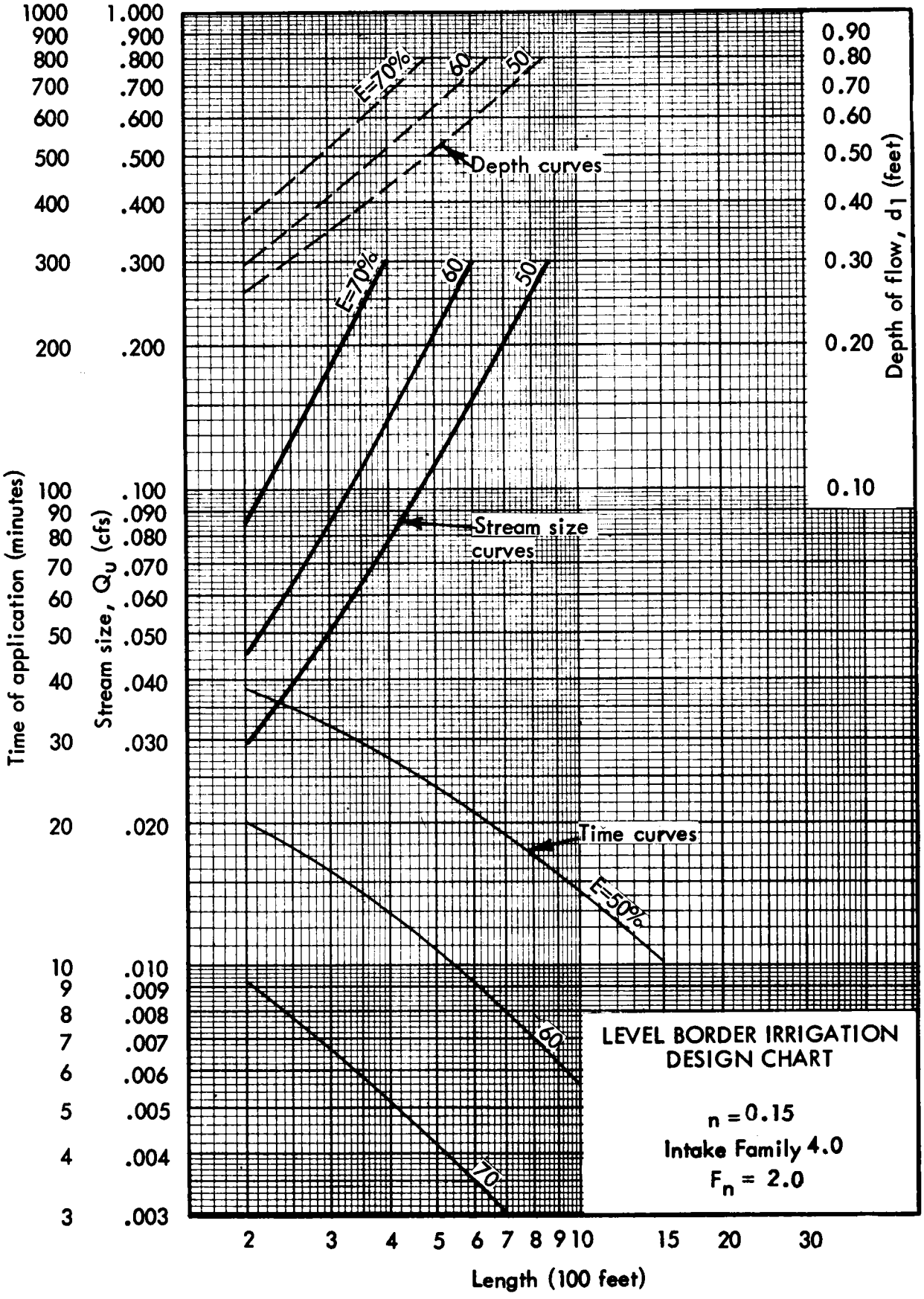

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=90%
85
80
75
70
60
50
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 2.0
F_n = 5.0

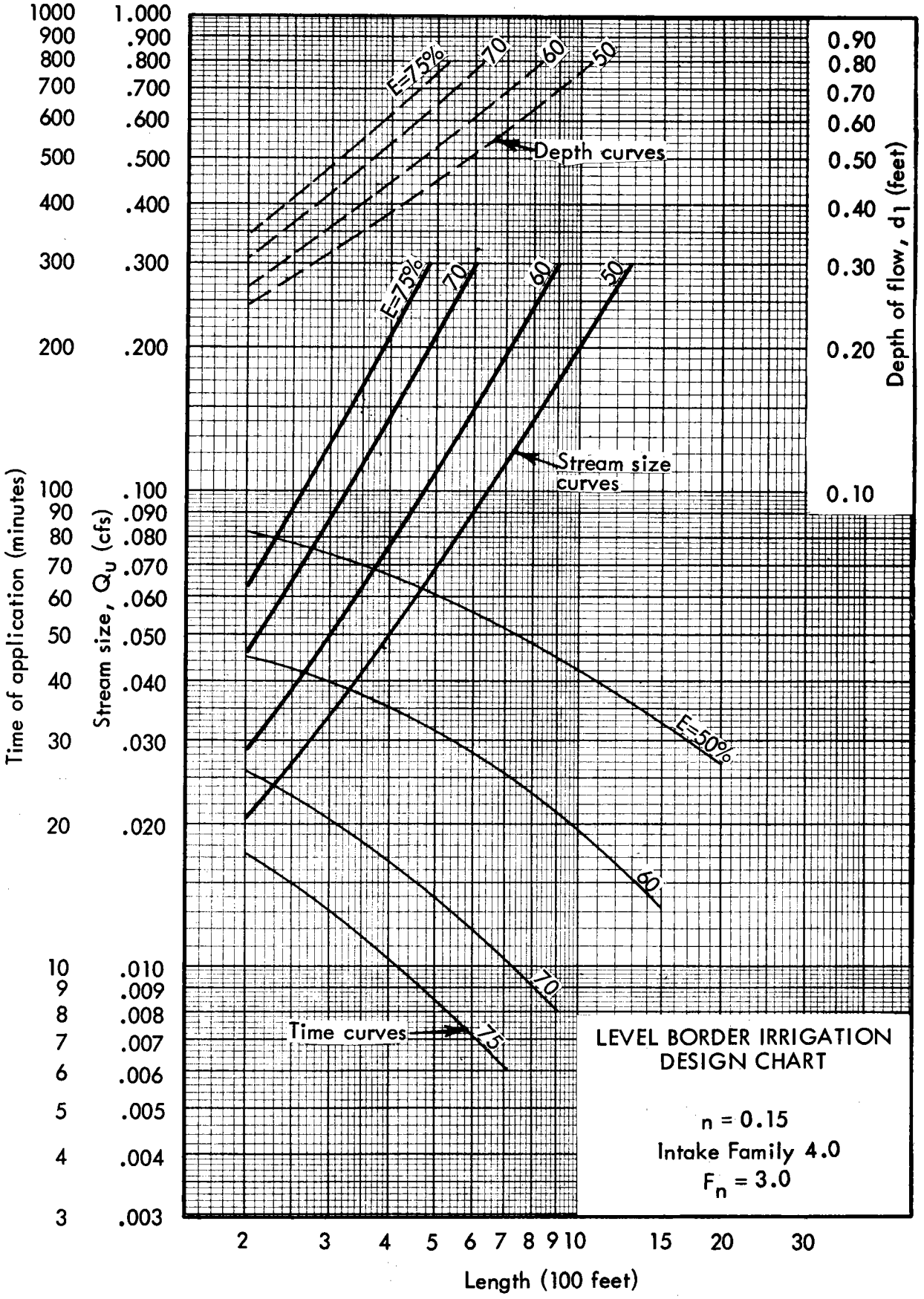

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=70%
60
50
E=50%
70
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 3.0
F_n = 2.0

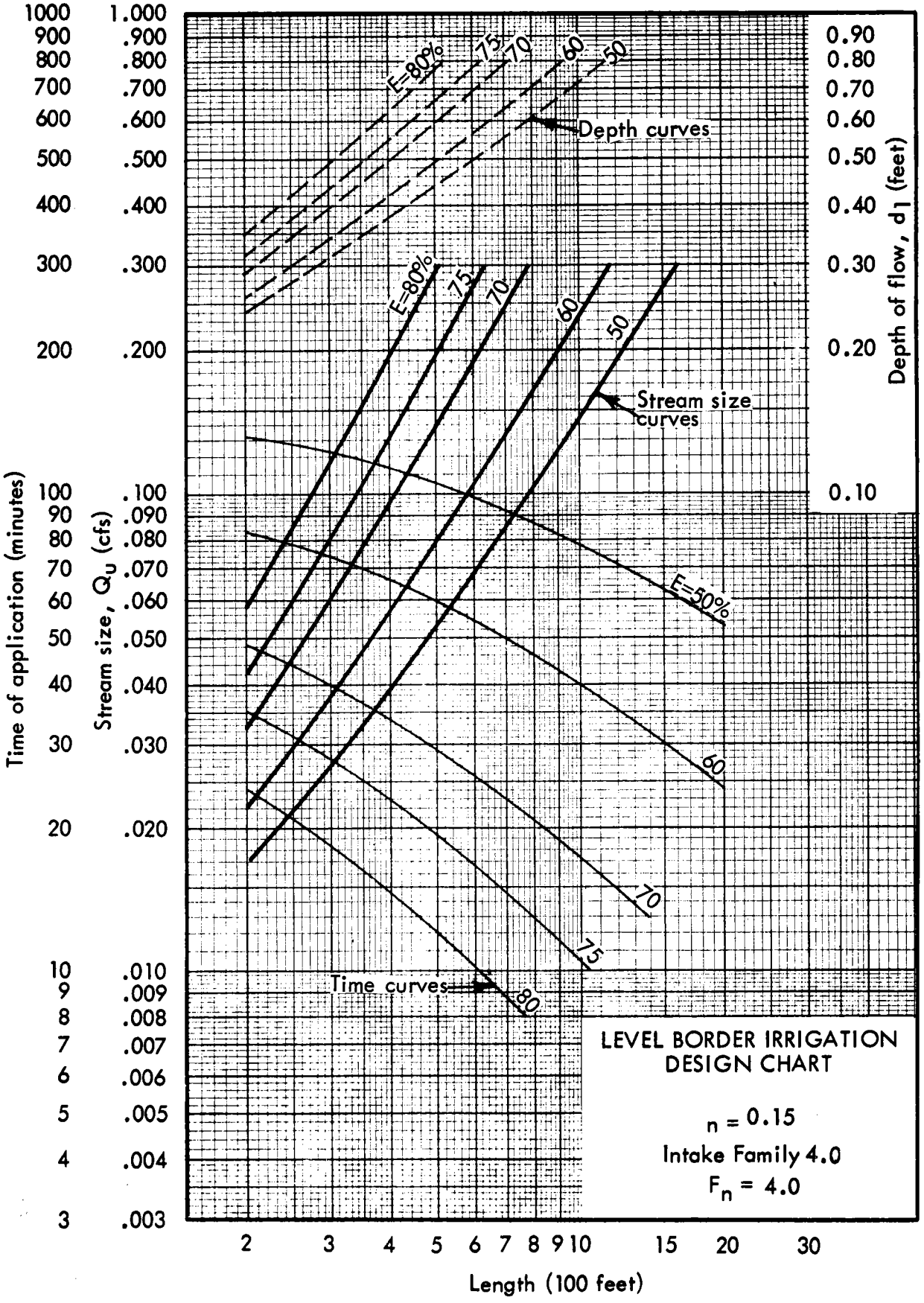

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
E=80%
75
70
60
50
Stream size curves
Time curves
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 3.0
F_n = 3.0

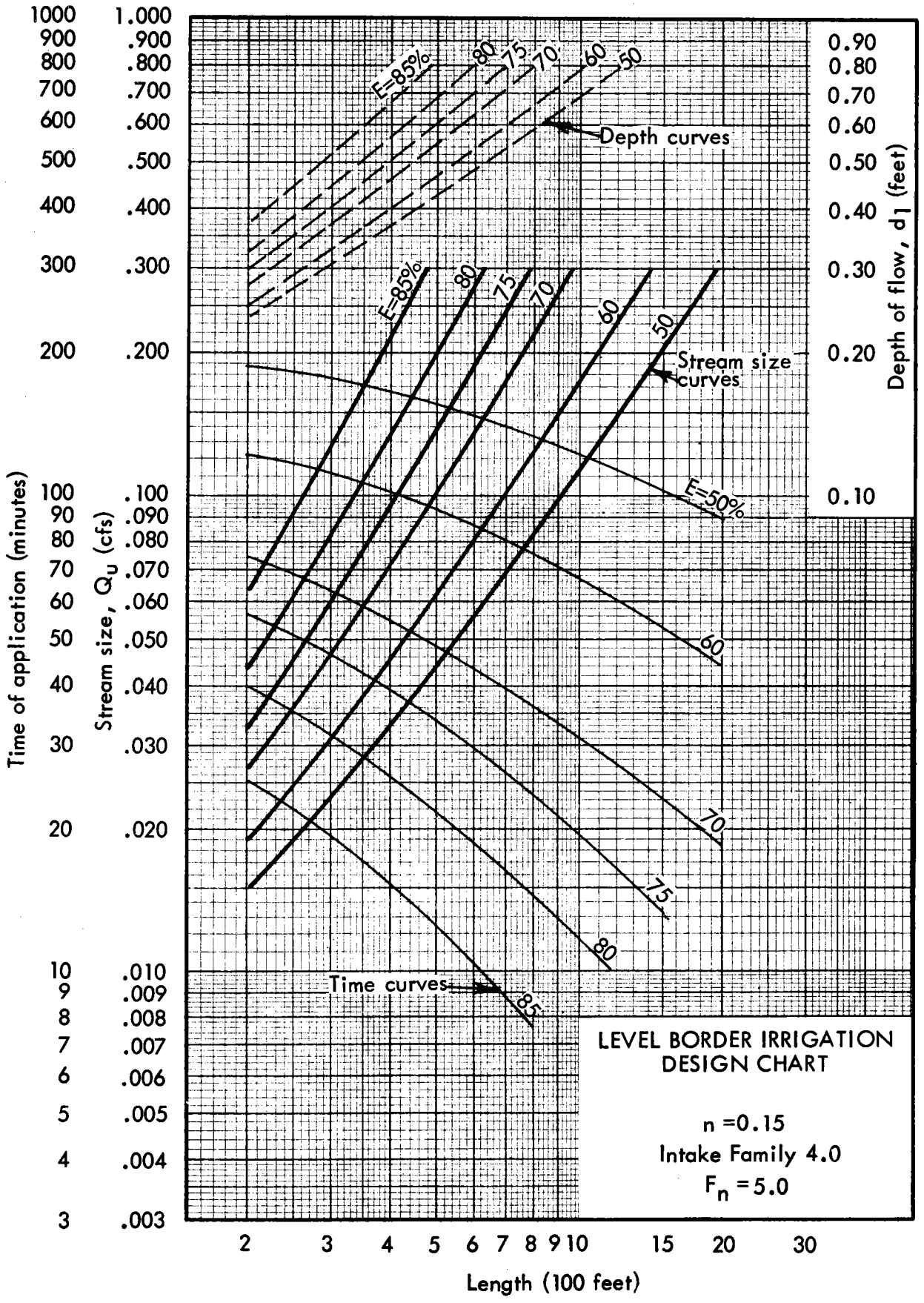

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=85%
80
75
70
60
50
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 3.0
F_n = 4.0

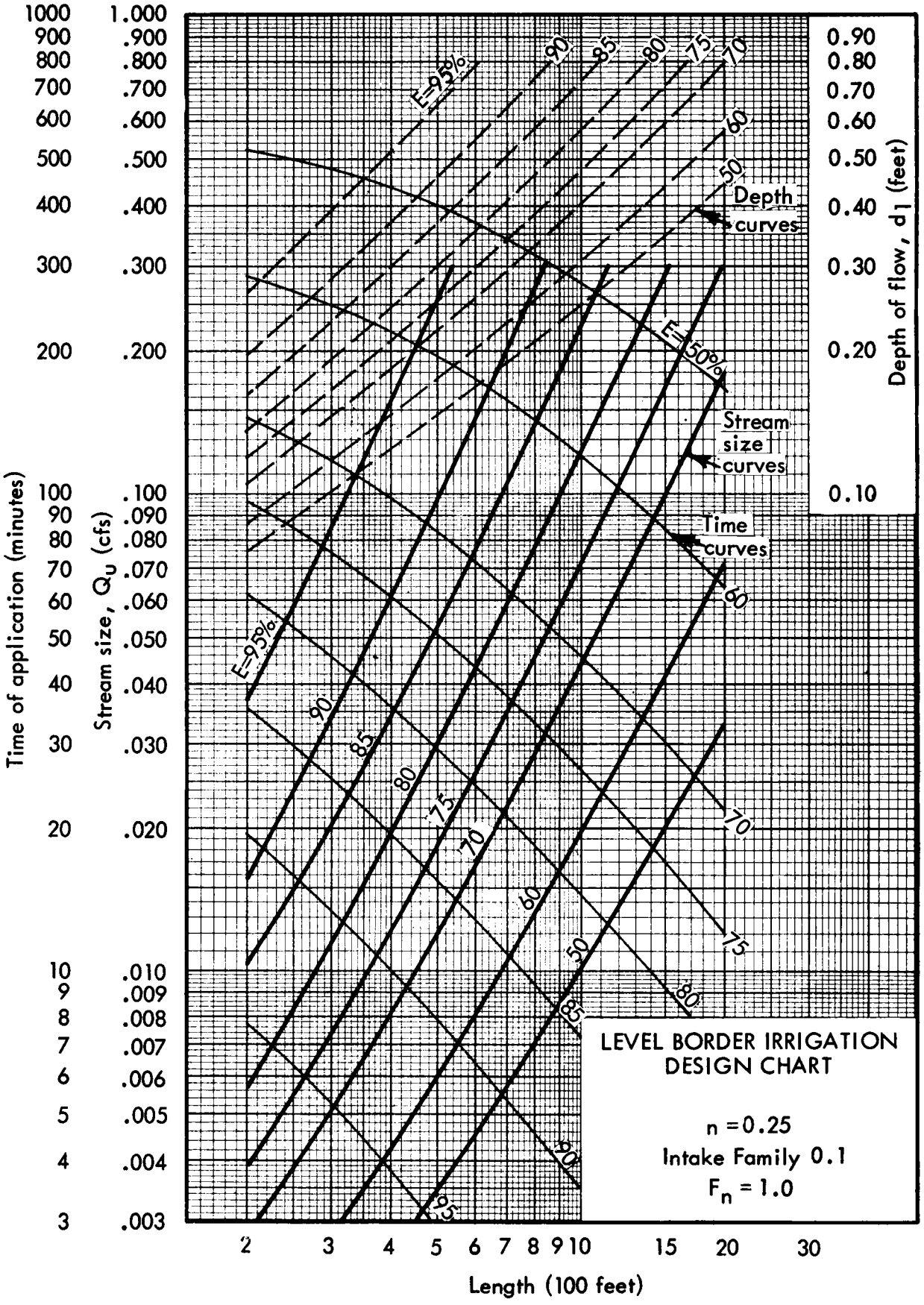

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=90%
85
80
75
70
60
50
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 3.0
F_n = 5.0

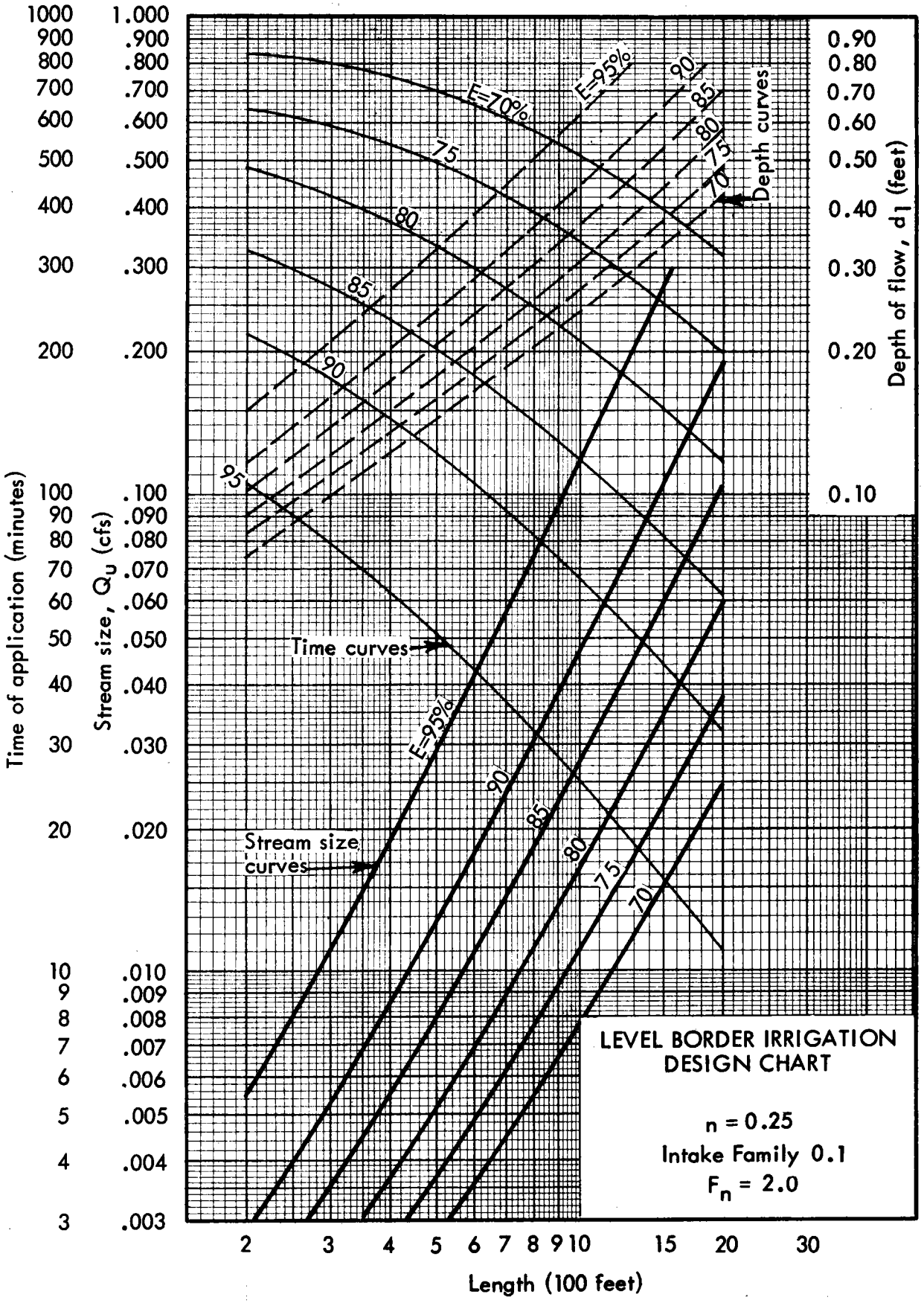

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 4.0
F_n = 2.0
Depth curves
Stream size curves
Time curves
E=70%
60
50
E=50%
70
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
1000 900 800 700 600 500 400 300 200 100 90 80 70 60 50 40 30 20 10 9 8 7 6 5 4 3
1.000 .900 .800 .700 .600 .500 .400 .300 .200 .100 .090 .080 .070 .060 .050 .040 .030 .020 .010 .009 .008 .007 .006 .005 .004 .003
0.90 0.80 0.70 0.60 0.50 0.40 0.30 0.20 0.10
2 3 4 5 6 7 8 9 10 15 20 30

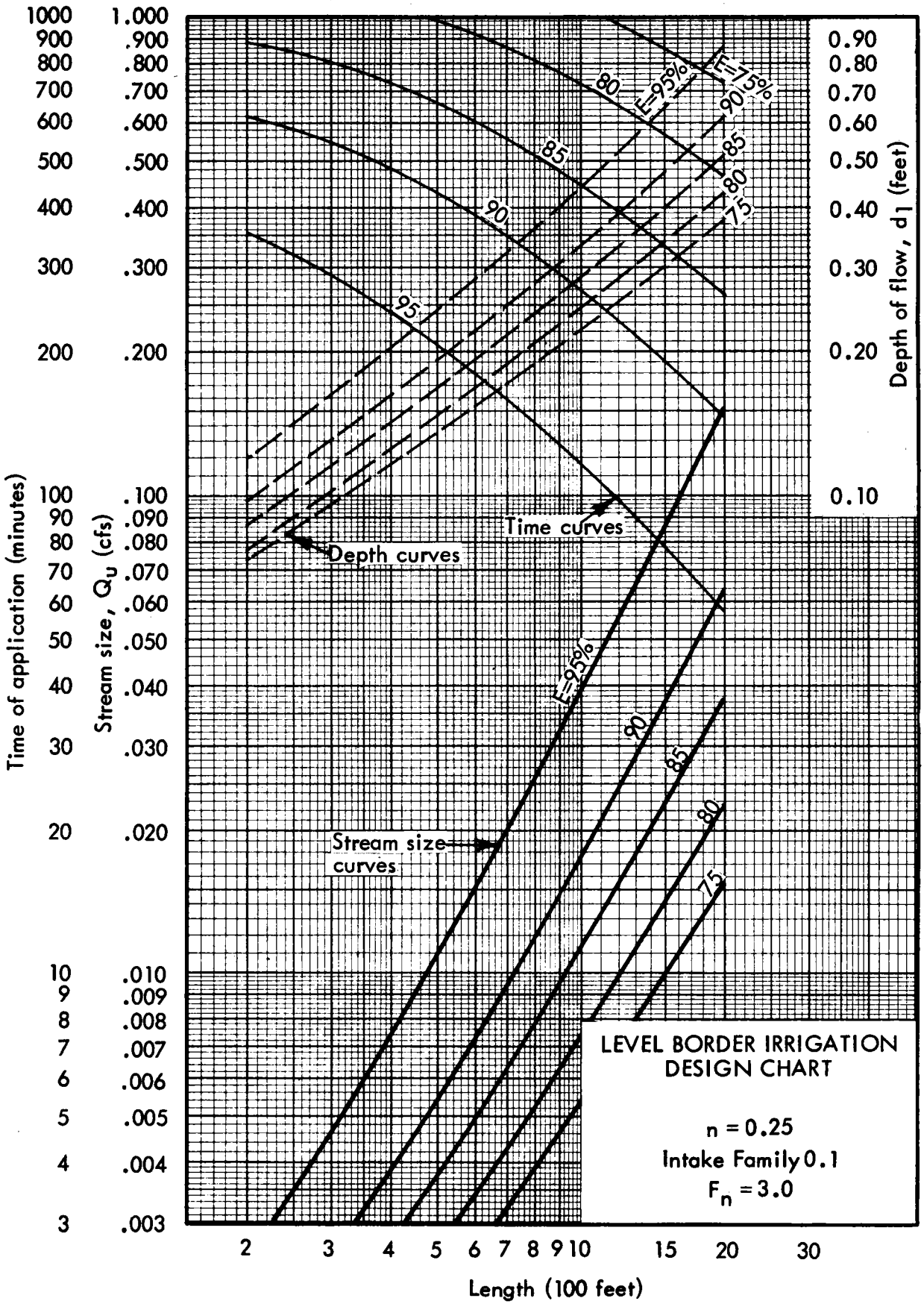

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=75%
70
60
50
E=50%
75
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 4.0
F_n = 3.0

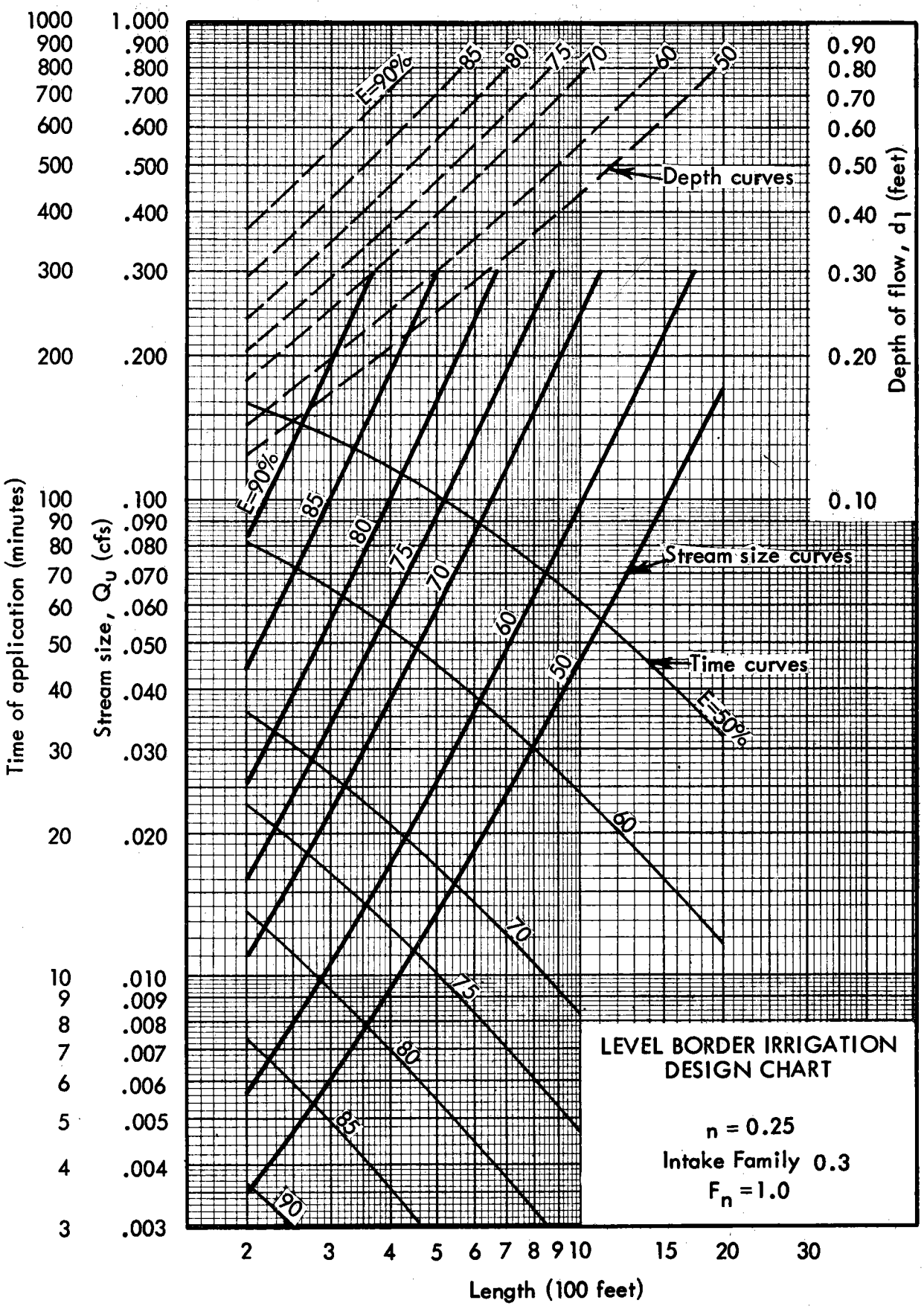

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=80%
75
70
60
50
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.15
Intake Family 4.0
F_n = 4.0

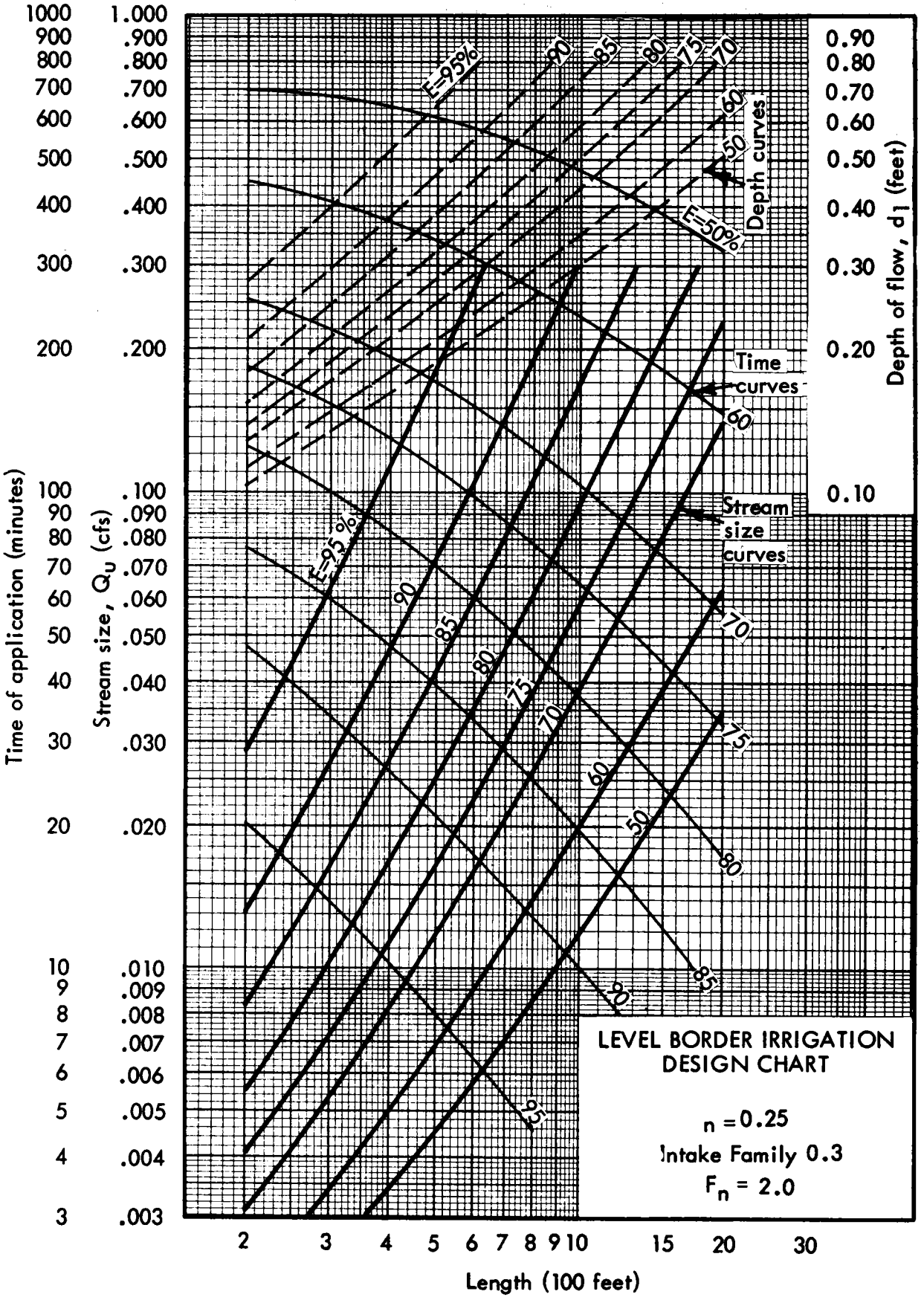

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
E=85%
80
75
70
60
50
Depth curves
Stream size curves
E=50%
Time curves
LEVEL BORDER IRRIGATION DESIGN CHART
n =0.15
Intake Family 4.0
F_n =5.0

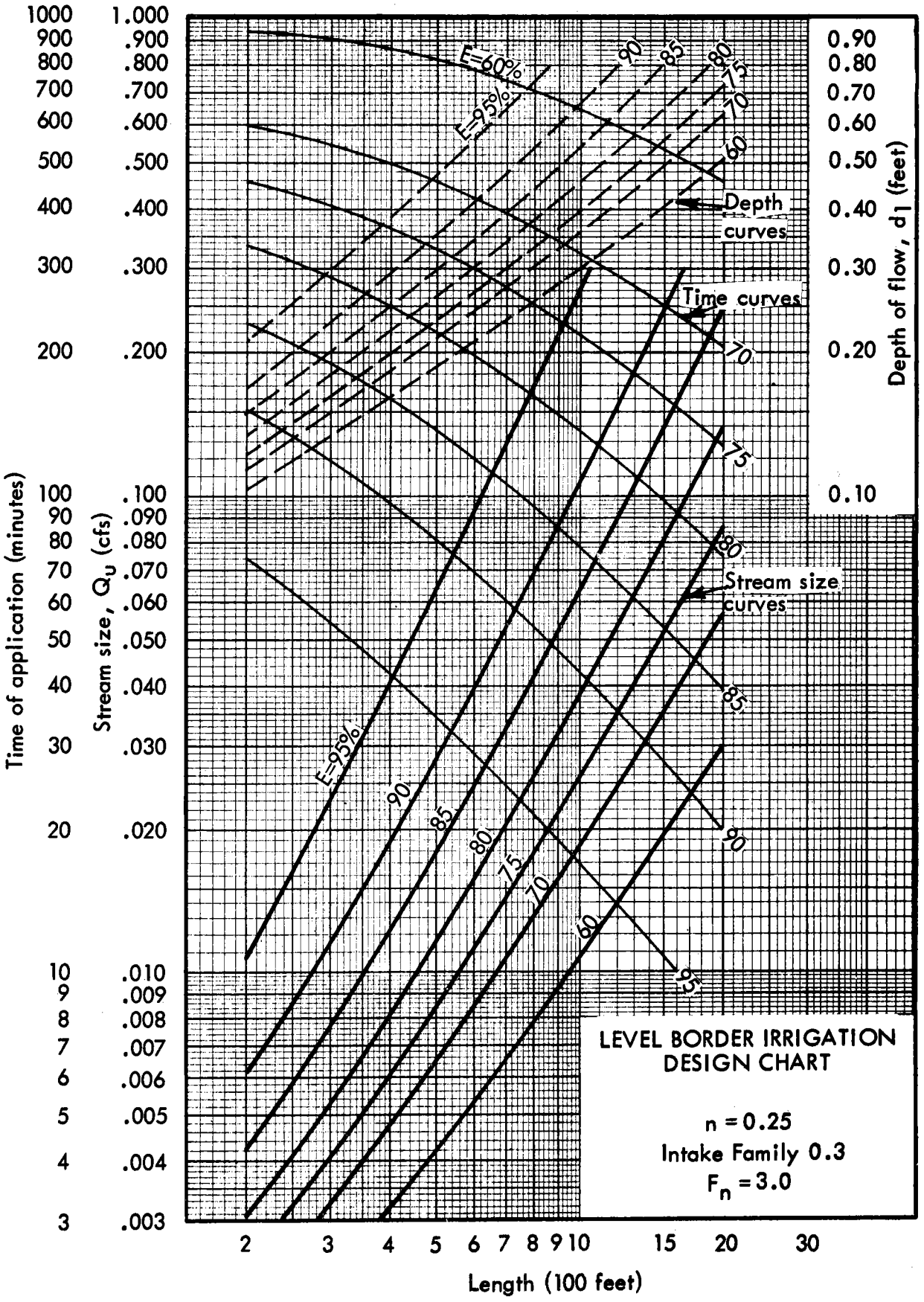

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=95%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 0.1
F_n = 1.0

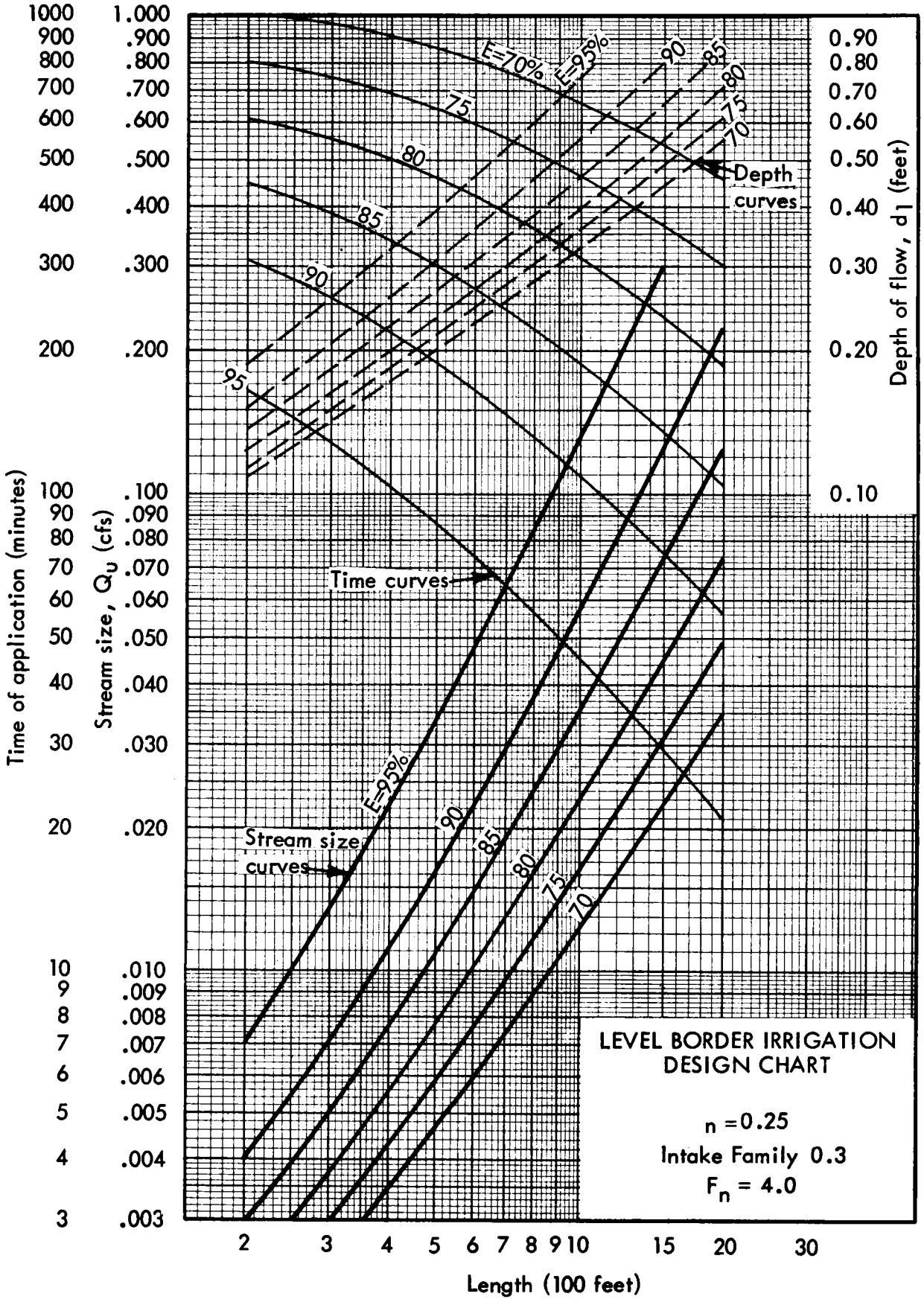

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Stream size curves
Depth curves
E=70%
E=95%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 0.1
F_n = 2.0

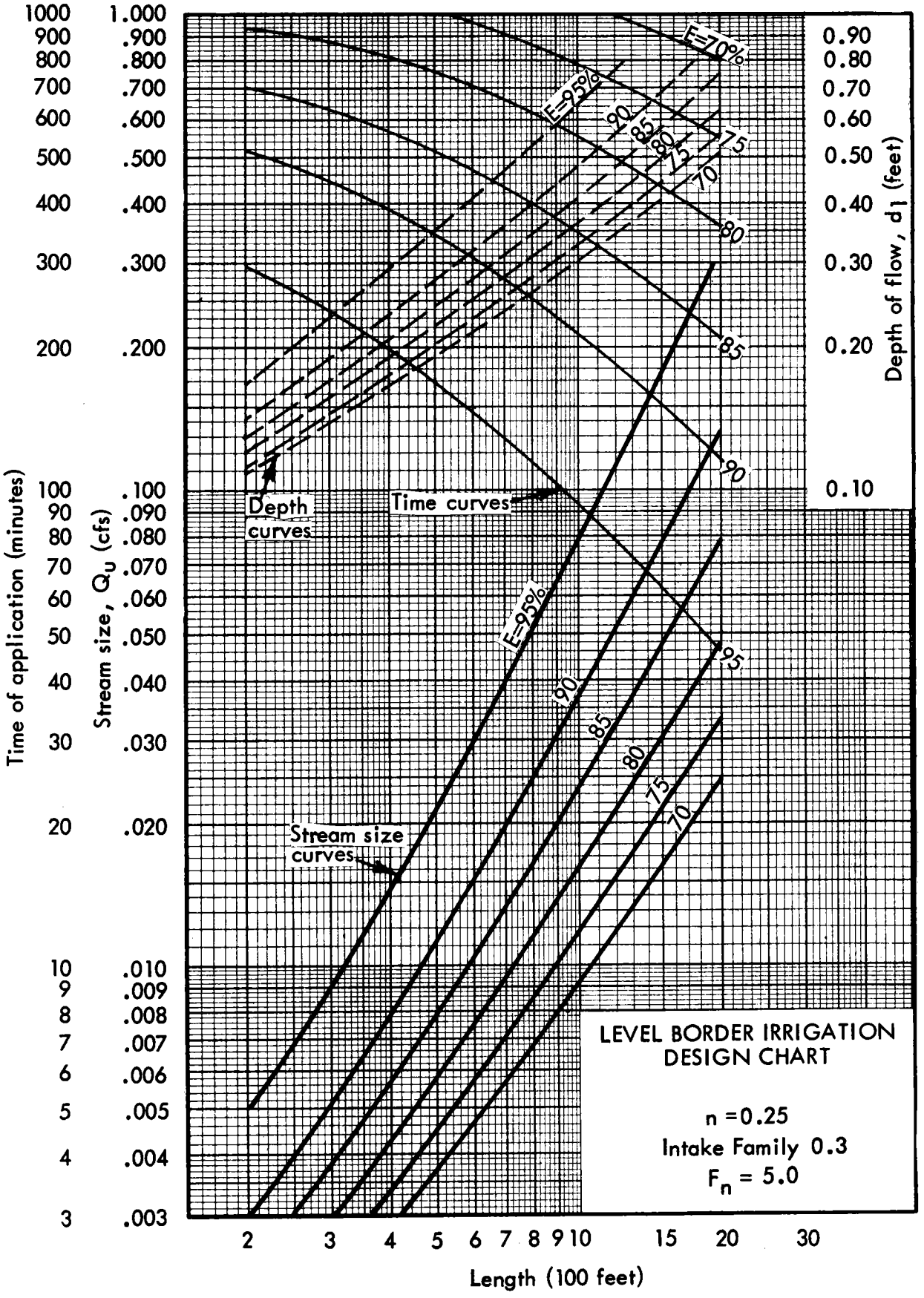

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=95%
E=75%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 0.1
F_n = 3.0

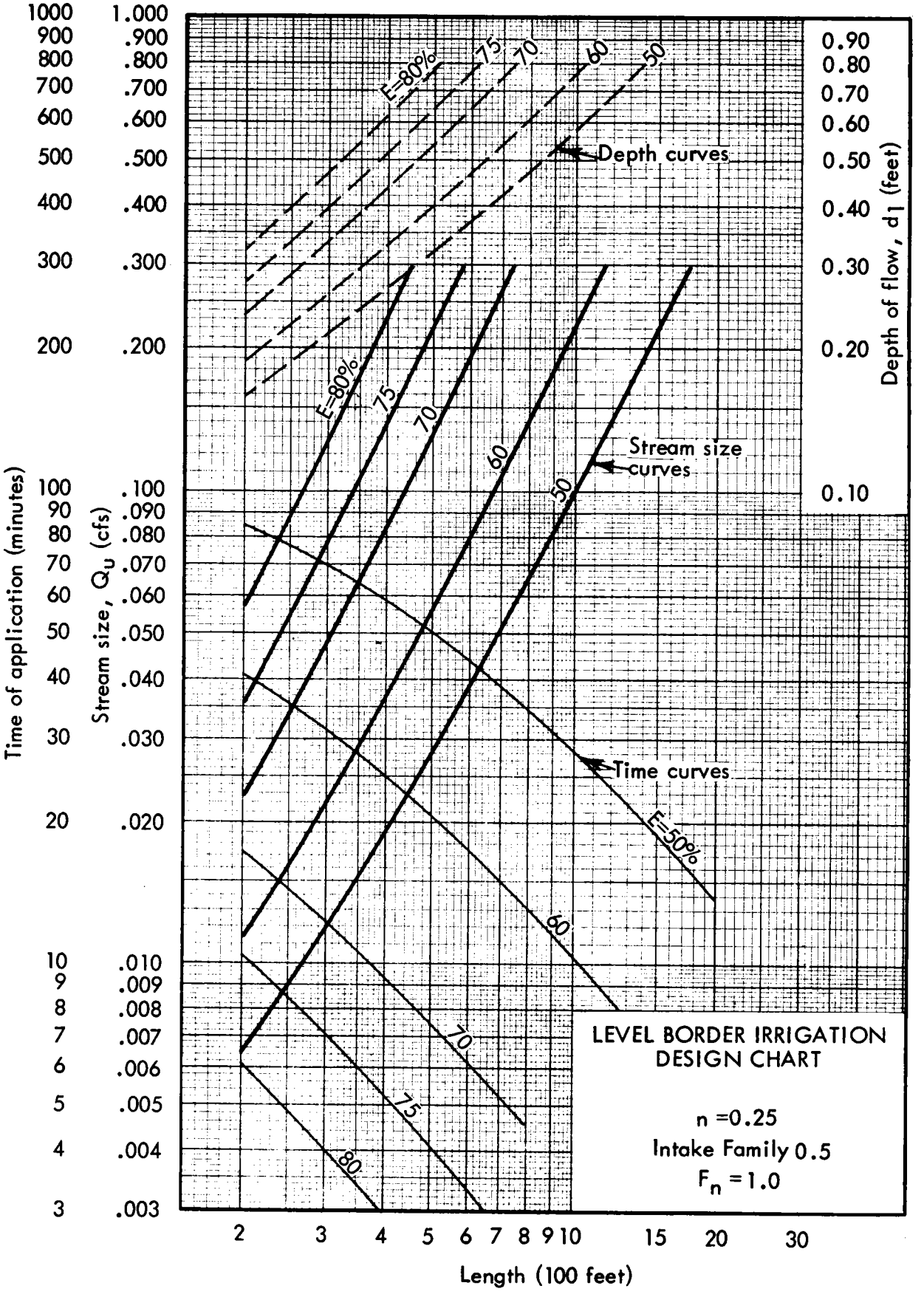

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 0.3
F_n = 1.0
Depth curves
Stream size curves
Time curves
E=90%
85
80
75
70
60
50
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)

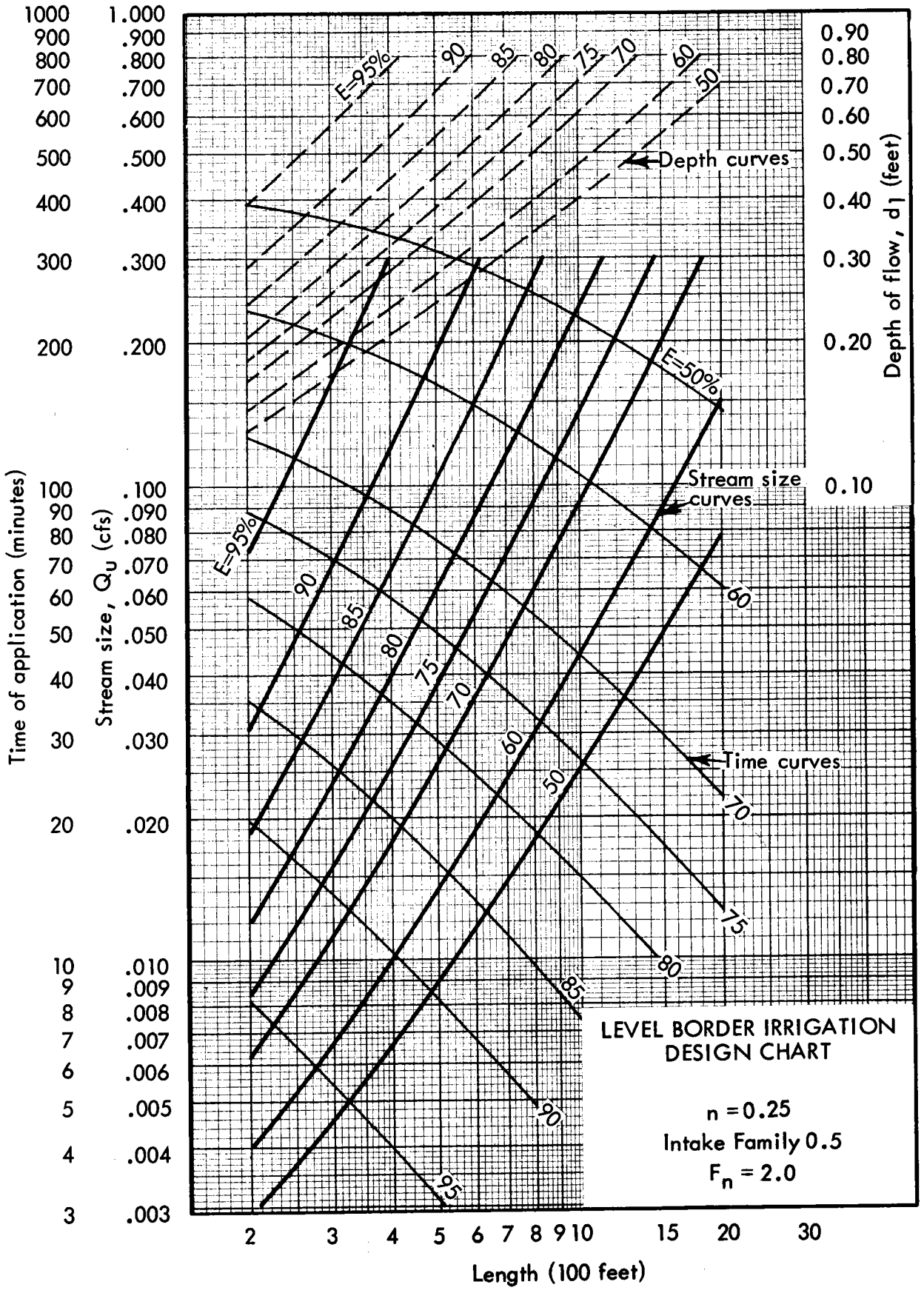

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 0.3
F_n = 2.0
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=95%
E=50%
1000 900 800 700 600 500 400 300 200 100 90 80 70 60 50 40 30 20 10 9 8 7 6 5 4 3
1.000 .900 .800 .700 .600 .500 .400 .300 .200 .100 .090 .080 .070 .060 .050 .040 .030 .020 .010 .009 .008 .007 .006 .005 .004 .003
0.90 0.80 0.70 0.60 0.50 0.40 0.30 0.20 0.10
2 3 4 5 6 7 8 9 10 15 20 30

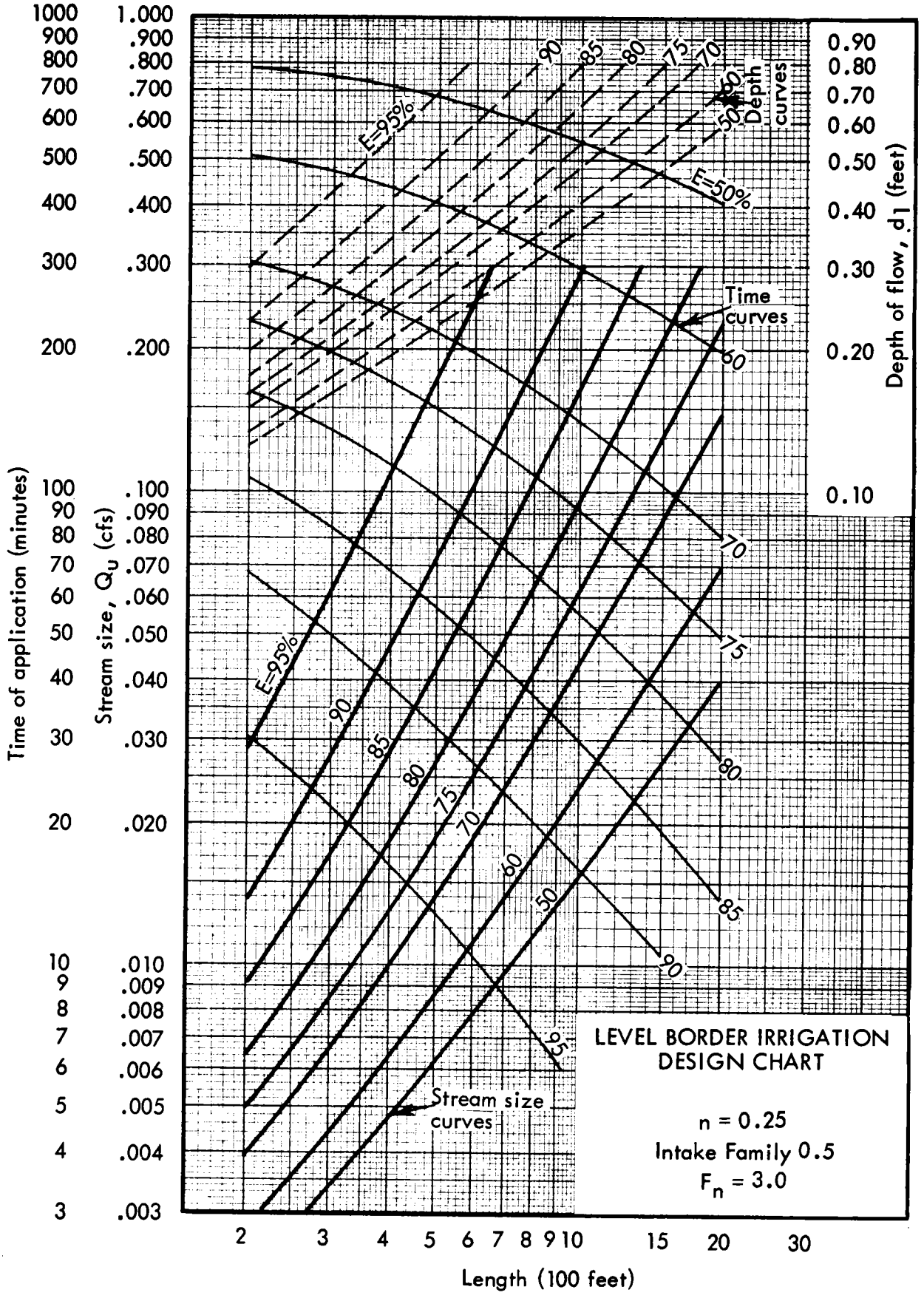

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 0.3
F_n = 3.0
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=60%
E=95%
90
85
80
75
70
60
95

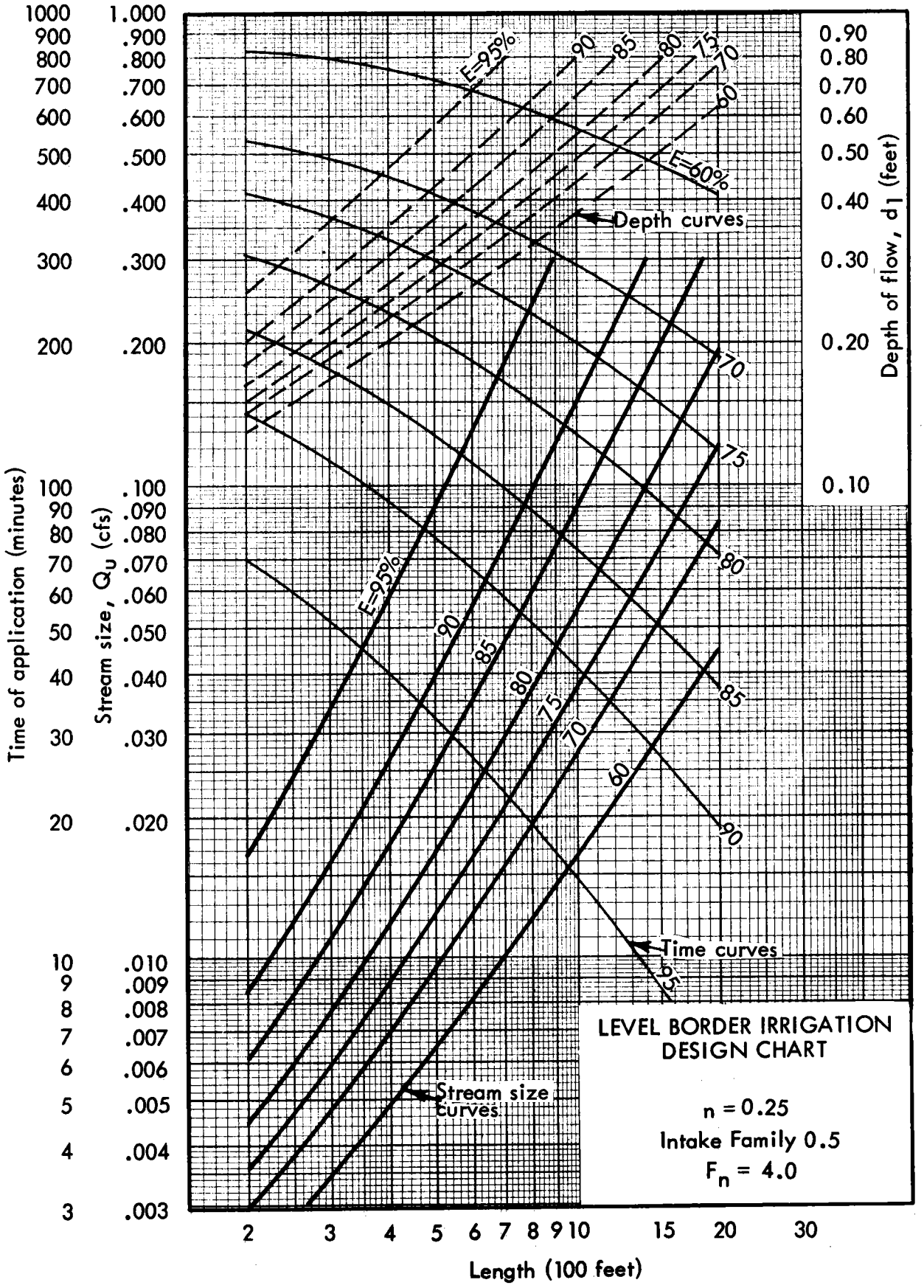

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
E=70%
E=95%
Depth curves
Time curves
Stream size curves
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 0.3
F_n = 4.0

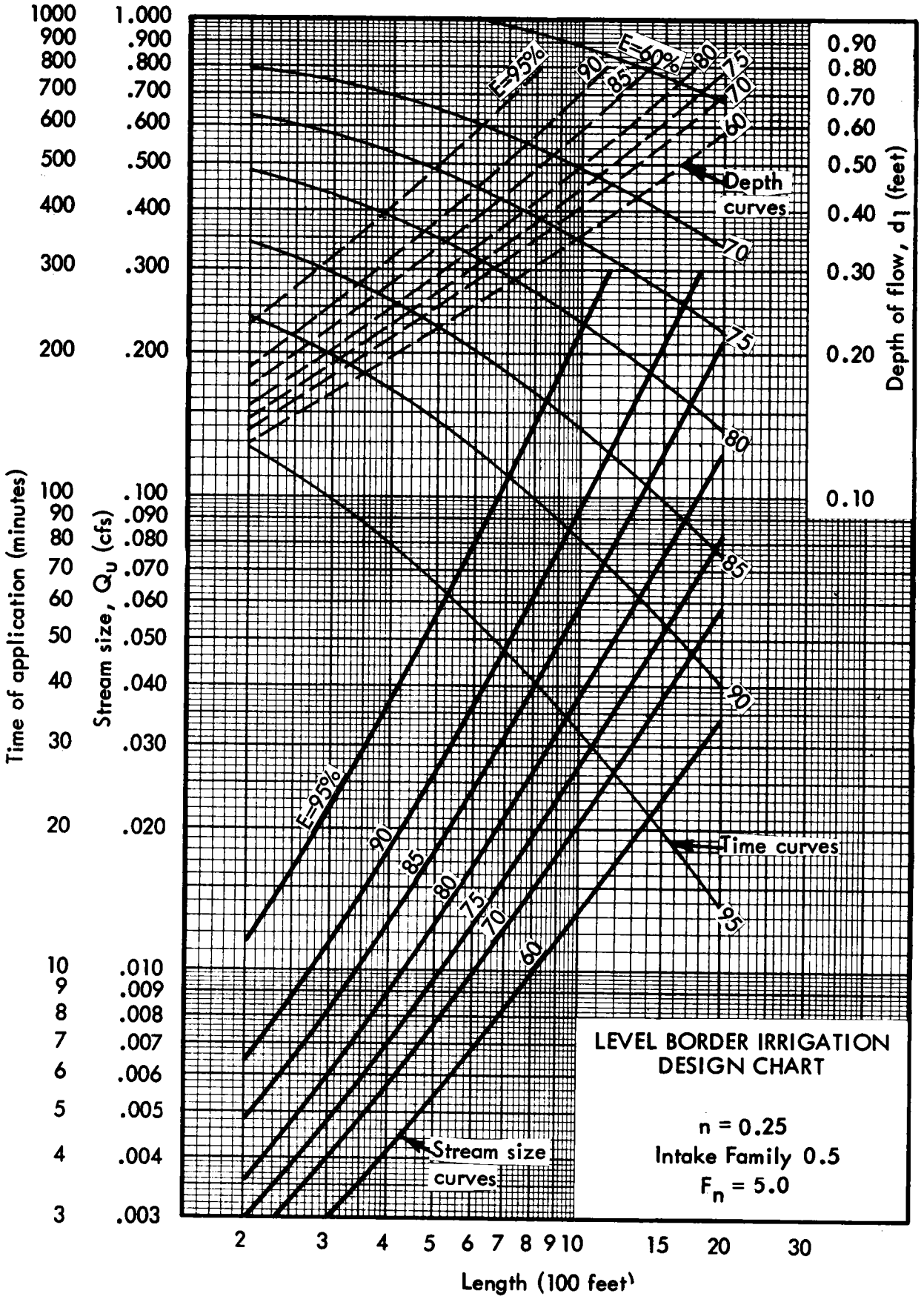

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=95%
E=70%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 0.3
F_n = 5.0

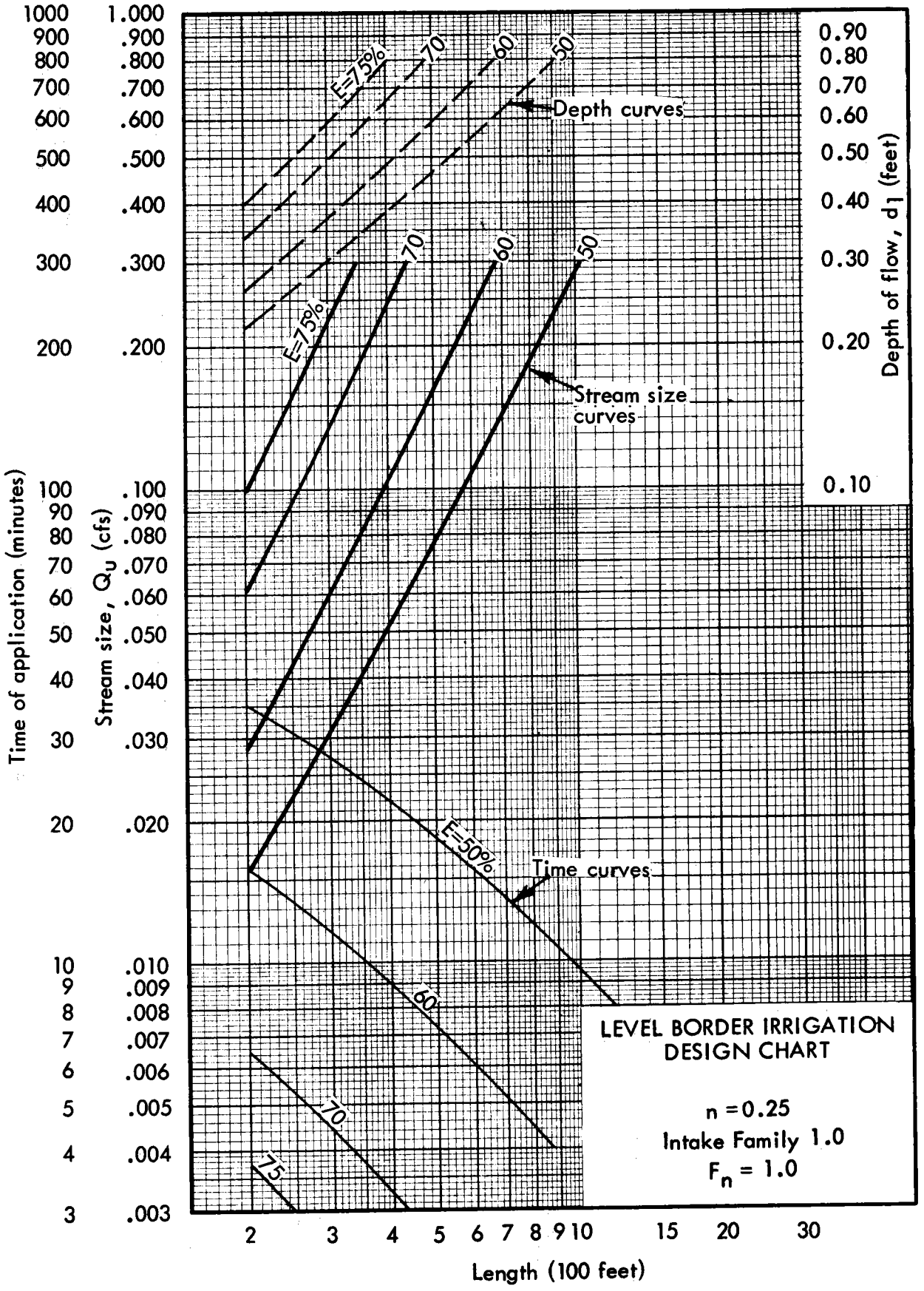

LEVEL BORDER IRRIGATION DESIGN CHART
n =0.25
Intake Family 0.5
F_n =1.0
Time of application (minutes)
Stream size, Q_U (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=80%
75
70
60
50
E=50%
80

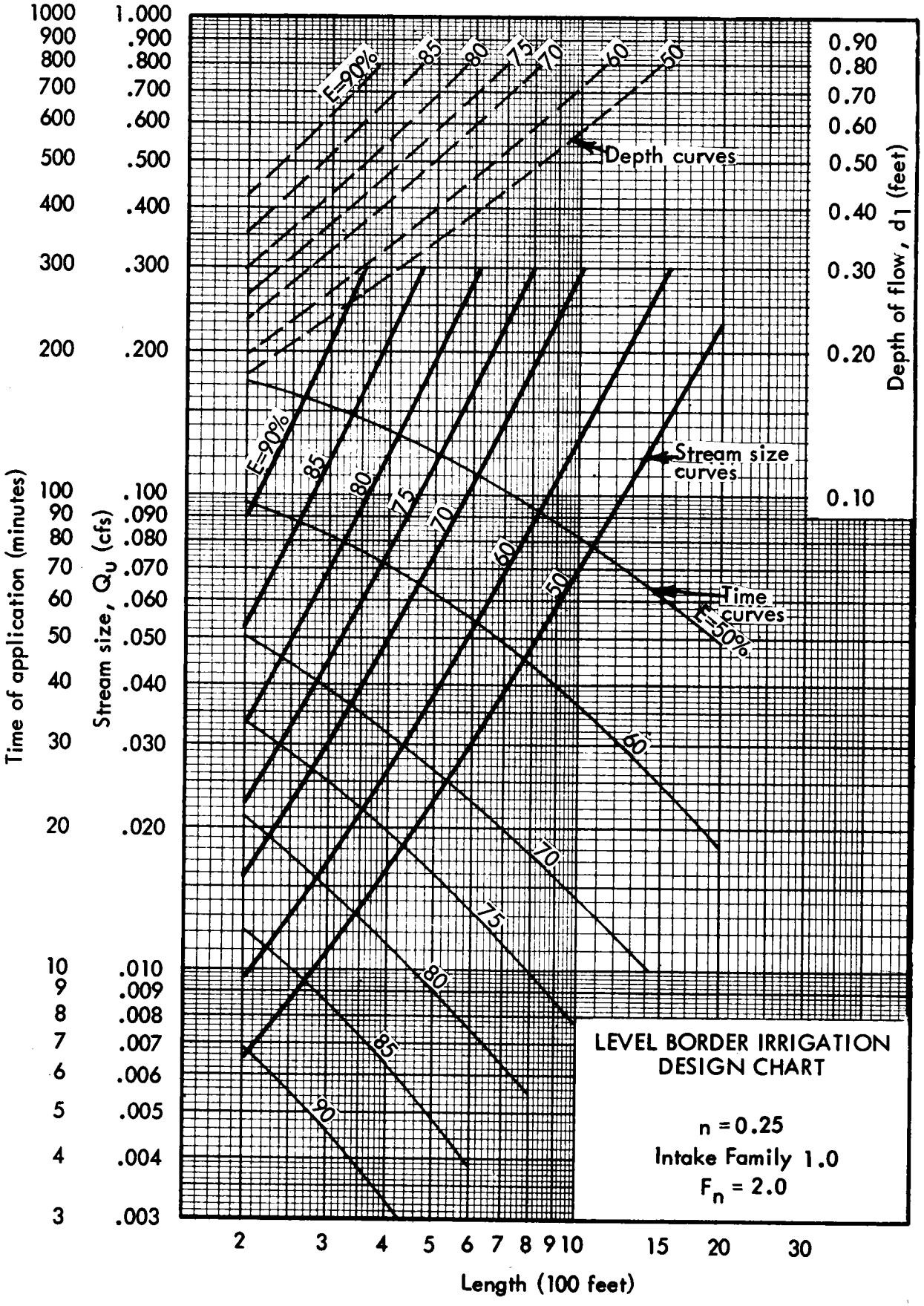

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 0.5
F_n = 2.0
Depth curves
Stream size curves
Time curves
E=95%
E=50%
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)

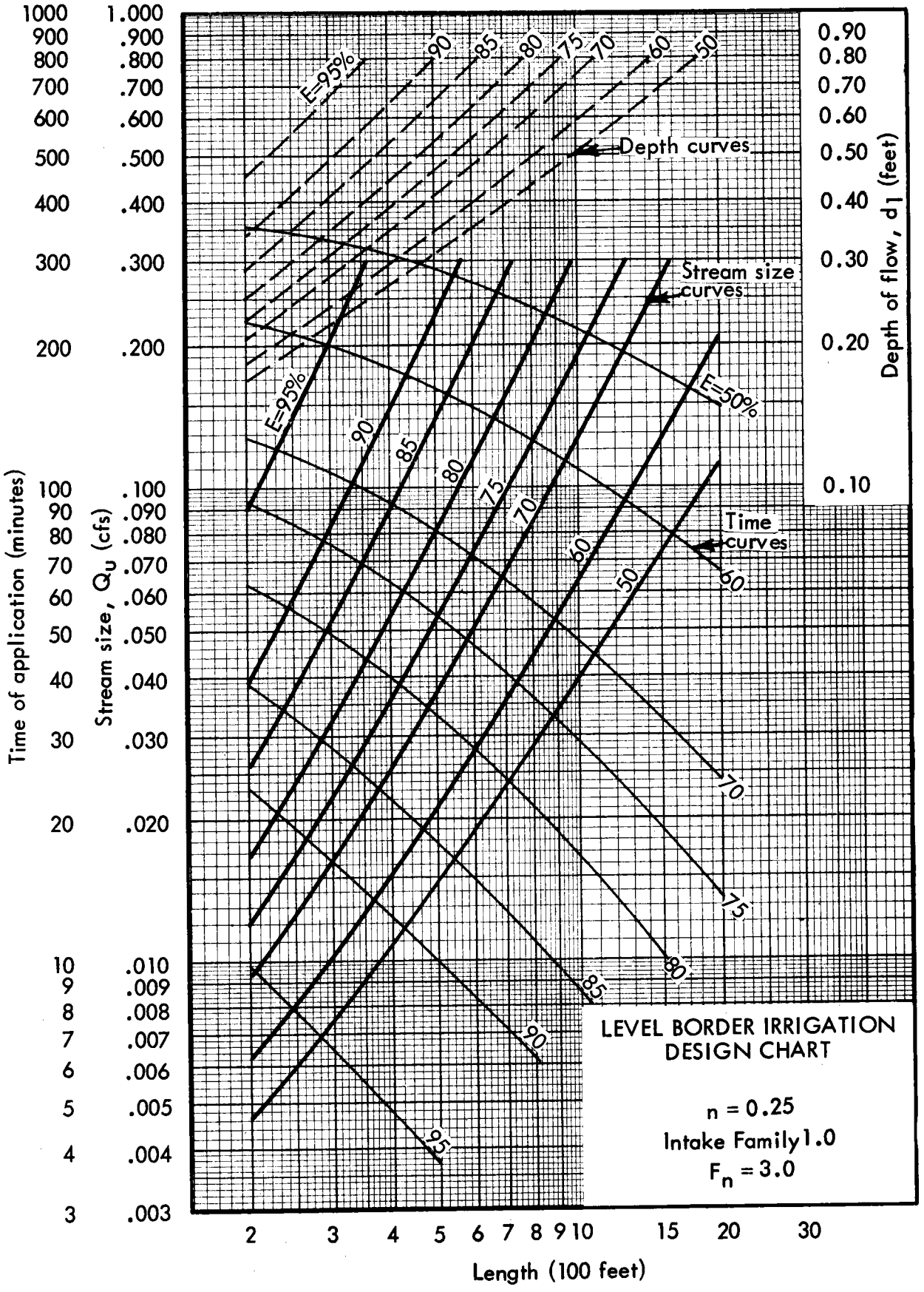

LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 0.5
F_n = 3.0
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Time curves
Depth curves
Stream size curves
E=95%
E=50%
1000
900
800
700
600
500
400
300
200
100
90
80
70
60
50
40
30
20
10
9
8
7
6
5
4
3
1.000
.900
.800
.700
.600
.500
.400
.300
.200
.100
.090
.080
.070
.060
.050
.040
.030
.020
.010
.009
.008
.007
.006
.005
.004
.003
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
2
3
4
5
6
7
8
9
10
15
20
30

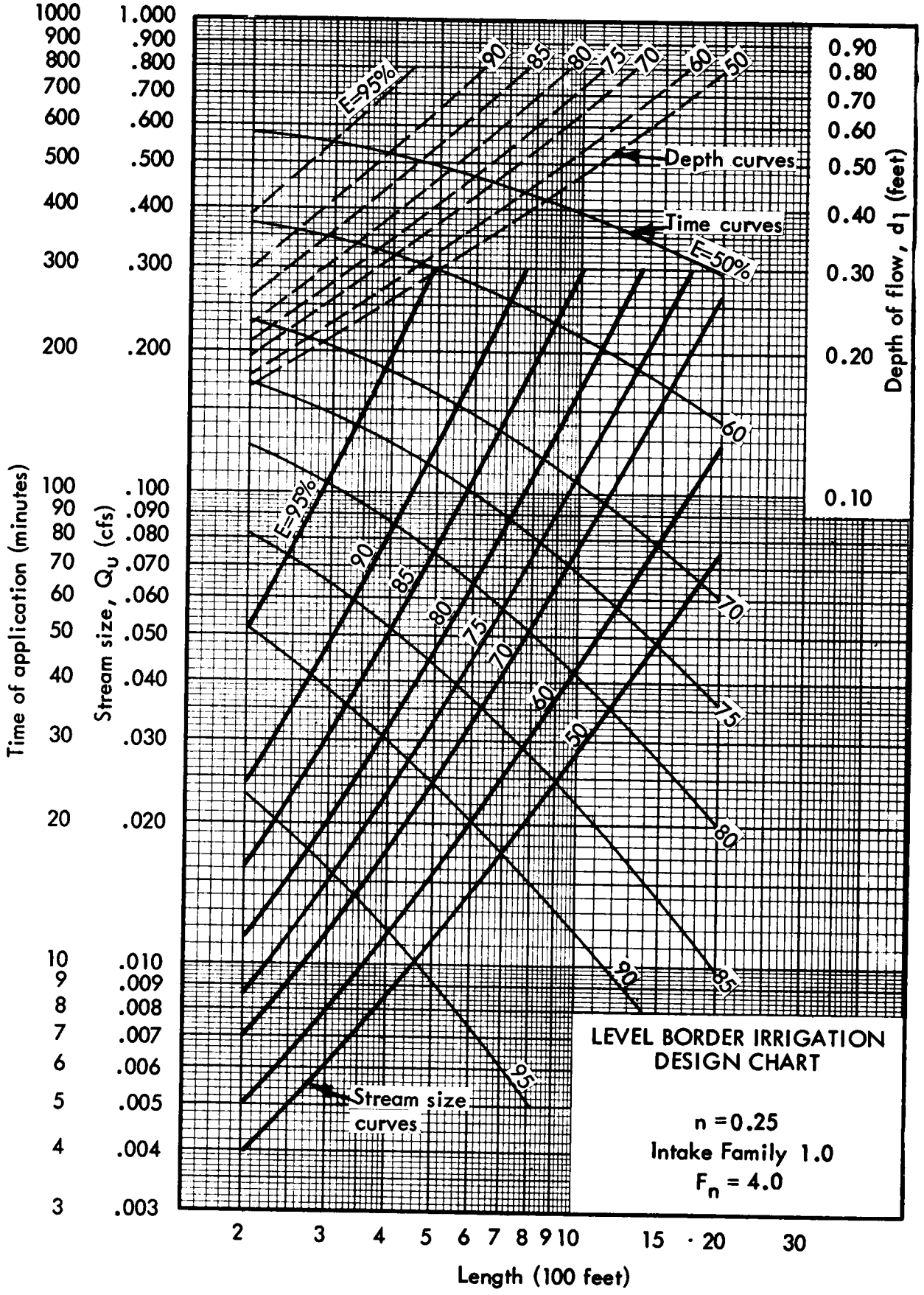

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=95%
E=60%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 0.5
F_n = 4.0

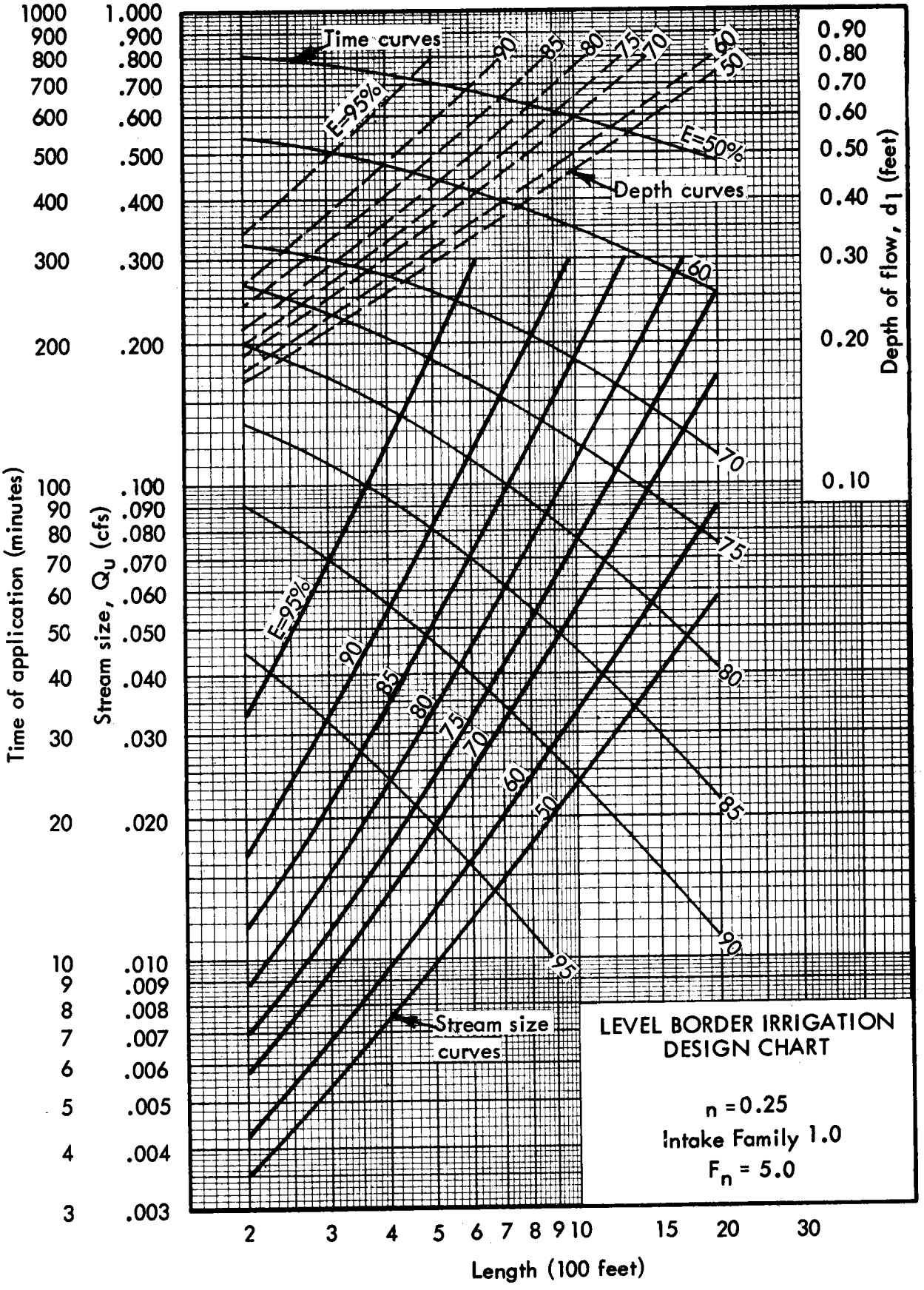

Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
E=95%
90
85
80
75
70
60
Depth curves
Time curves
Stream size curves
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 0.5
F_n = 5.0


Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=75%
E=50%
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 1.0
F_n = 1.0


Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Stream size curves
Time curves
E=90%
85
80
75
70
60
50
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 1.0
F_n = 2.0


LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 1.0
F_n = 3.0
Depth curves
Stream size curves
Time curves
E=95%
E=50%
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)


LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 1.0
F_n = 4.0
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
Depth curves
Time curves
Stream size curves
E=95%
E=50%
90
85
80
75
70
60
50


Time curves
Depth curves
Stream size curves
E=95%
E=50%
90
85
80
75
70
60
50
95
Time of application (minutes)
Stream size, Q_u (cfs)
Depth of flow, d_1 (feet)
Length (100 feet)
LEVEL BORDER IRRIGATION DESIGN CHART
n = 0.25
Intake Family 1.0
F_n = 5.0