Technical Report HL-93-3
June 1993

US Army Corps of Engineers
Waterways Experiment Station

Demonstration Erosion Control Project Monitoring Program

Fiscal Year 1992 Report

Volume II: Appendix A
Hickahala-Senatobia Watershed Profiles and Cross Sections

by Terry N. Waller, Lisa C. Hubbard
Hydraulics Laboratory

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Prepared for U.S. Army Engineer District, Vicksburg

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3909 Halls Ferry Road
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Final report

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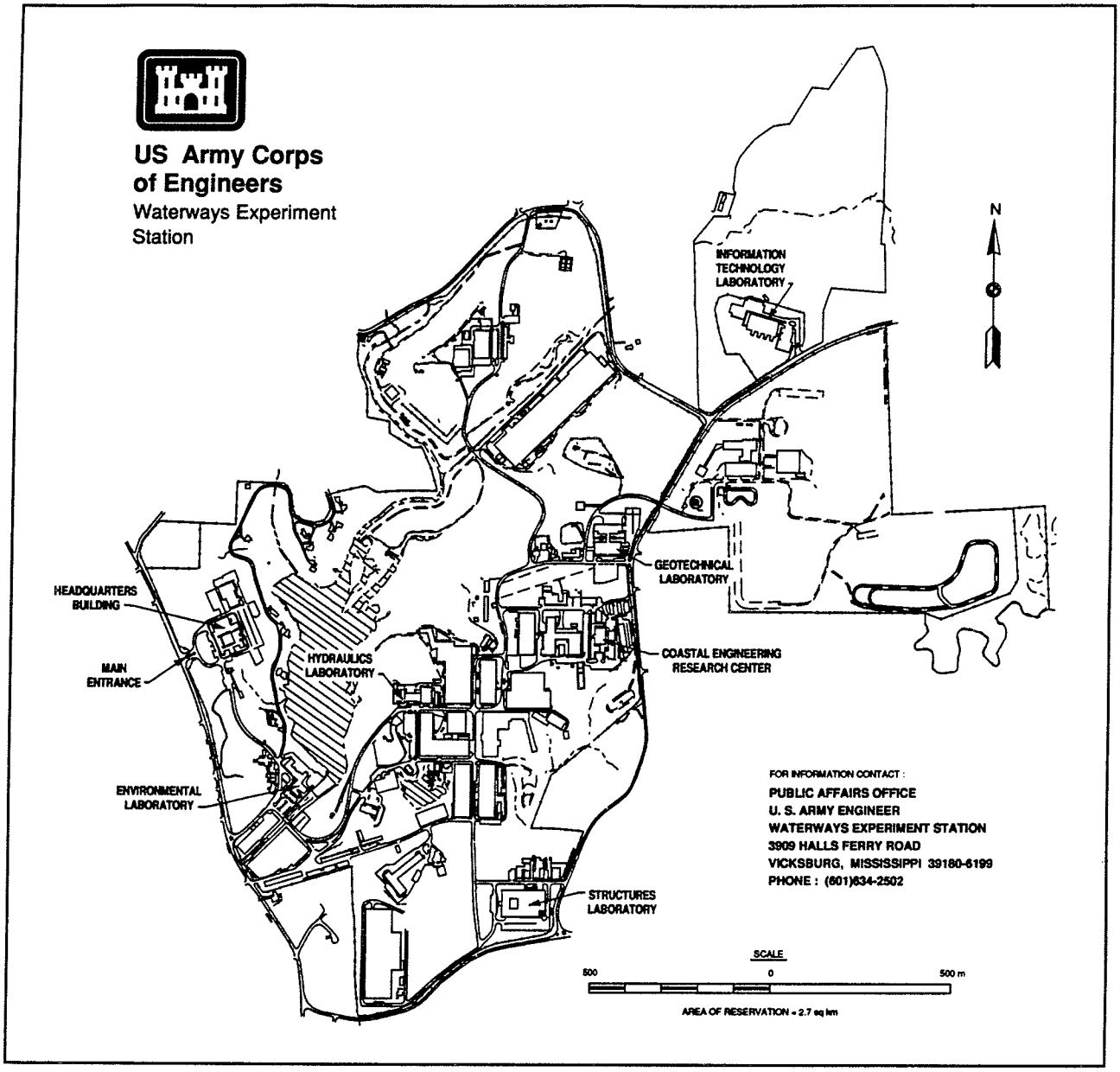
Vicksburg, MS 39180-5191



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Appendix A Hickahala-Senatobia Watershed Profiles and Cross Sections

Channel Profiles

Comparison plots of channel profiles in the Hickahala-Senatobia watershed from 1985 and 1991 are shown in Plates A1-A34. The channels represented in these profile plots are as follows:

Creek	Plate
Thornton	A1
Steammill	A2
Basket	A3-A4
James Wolf	A5-A7
Martin Dale	A8
Whites	A9
Beards	A10-A11
Catheys	A12
South Fork Hickahala	A13
Senatobia	A14-A17
Mattic	A18-A19
Tolbert Jones	A20
Nelson	A21-A22
Hickahala	A23-A29
Billys	A30
West Ditch Creek	A31-A33
Southwest Fork Hickahala	A34

Channel Cross Sections

Comparisons plots of channel cross sections in the Hickahala-Senatobia watershed from 1985 and 1991 are shown in Plates A35-A215. The channels represented in these cross-section plots are as follow:

Creek	Plate
Thornton	A35-A38
Steammill	A39-A42
Basket	A43-A52
James Wolf	A53-A76
Martin Dale	A73-A76
Whites	A77-A82
Beards	A83-A89
Catheys	A90-A95
South Fork Hickahala	A96-A100
Senatobia	A101-A126
Mattic	A127-A134
Tolbert Jones	A135-A141
Nelson	A142-A152
Hickahala	A153-A185
Billys	A186-A195
West Ditch	A196-A215

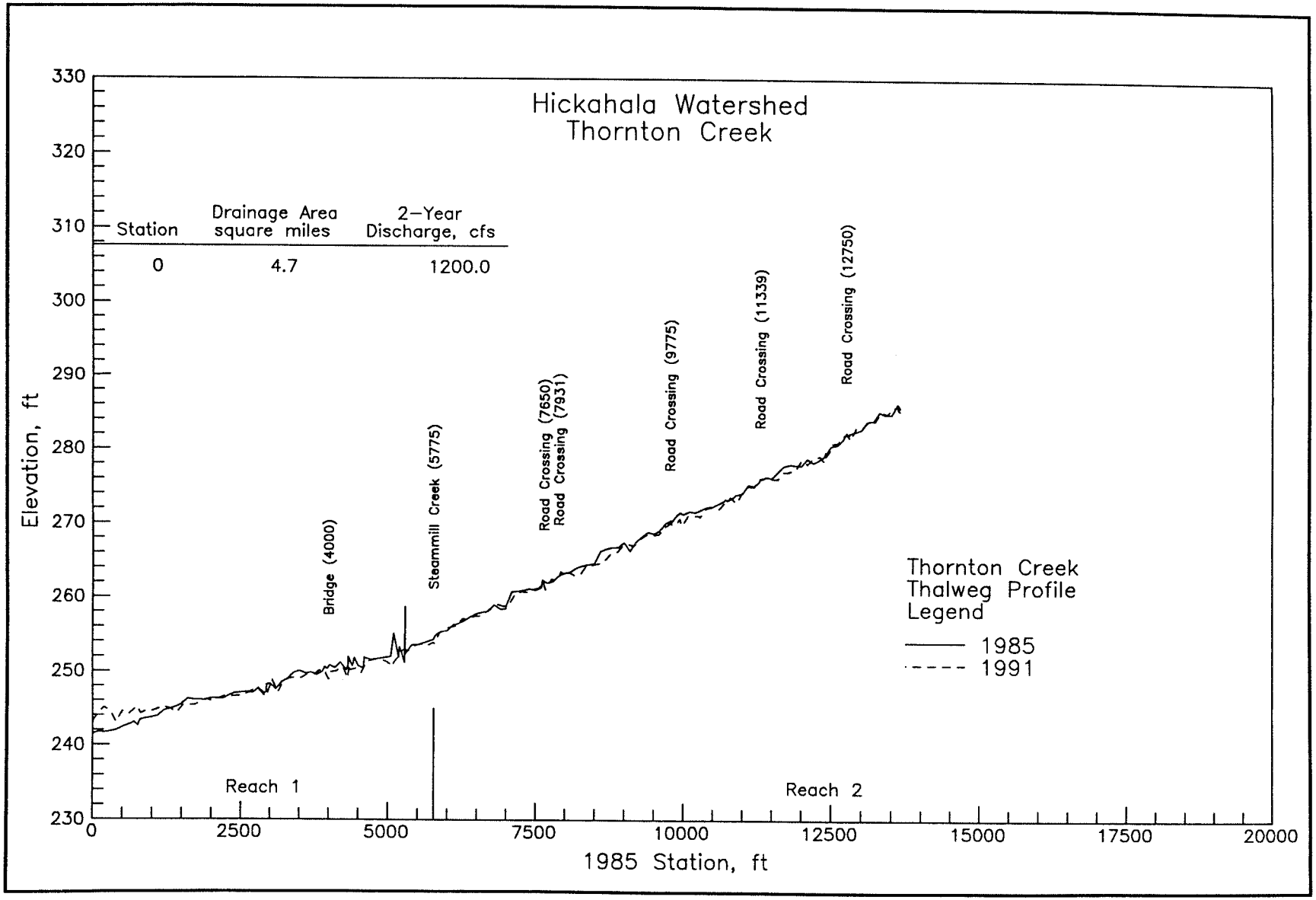

Hickahala Watershed
Thornton Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
4.7
1200.0
Bridge (4000)
Steammill Creek (5775)
Road Crossing (7650)
Road Crossing (7931)
Road Crossing (9775)
Road Crossing (11339)
Road Crossing (12750)
Thornton Creek
Thalweg Profile
Legend
1985
1991
Reach 1
Reach 2
Elevation, ft
1985 Station, ft
330
320
310
300
290
280
270
260
250
240
230
0
2500
5000
7500
10000
12500
15000
17500
20000

PLATE A1

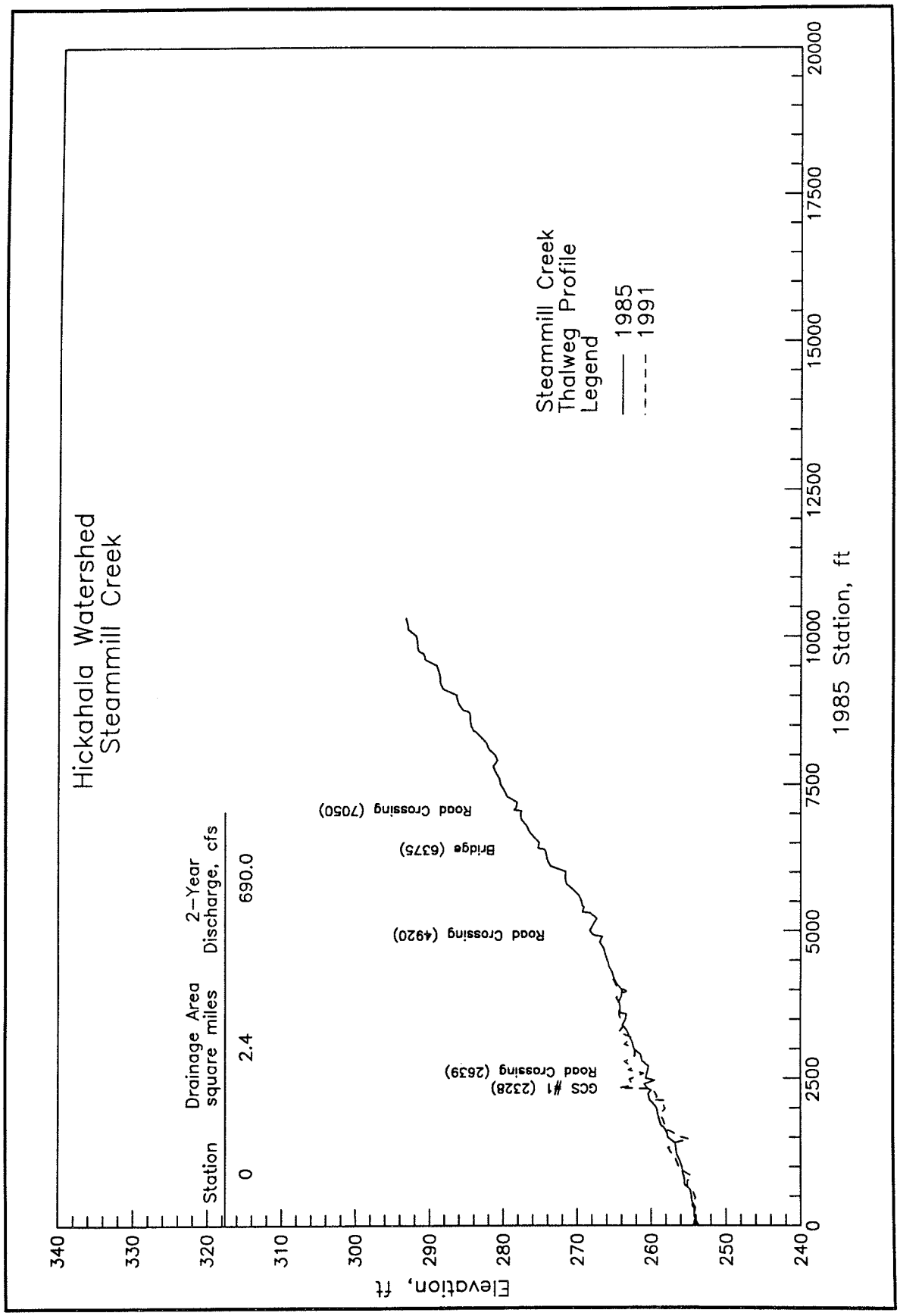

Hickahala Watershed
Steammill Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
2.4
690.0
GCS #1 (2328)
Road Crossing (2639)
Road Crossing (4920)
Bridge (6375)
Road Crossing (7050)
Steammill Creek
Thalweg Profile
Legend
1985
1991
Elevation, ft
1985 Station, ft
340
330
320
310
300
290
280
270
260
250
240
0
2500
5000
7500
10000
12500
15000
17500
20000

PLATE A2

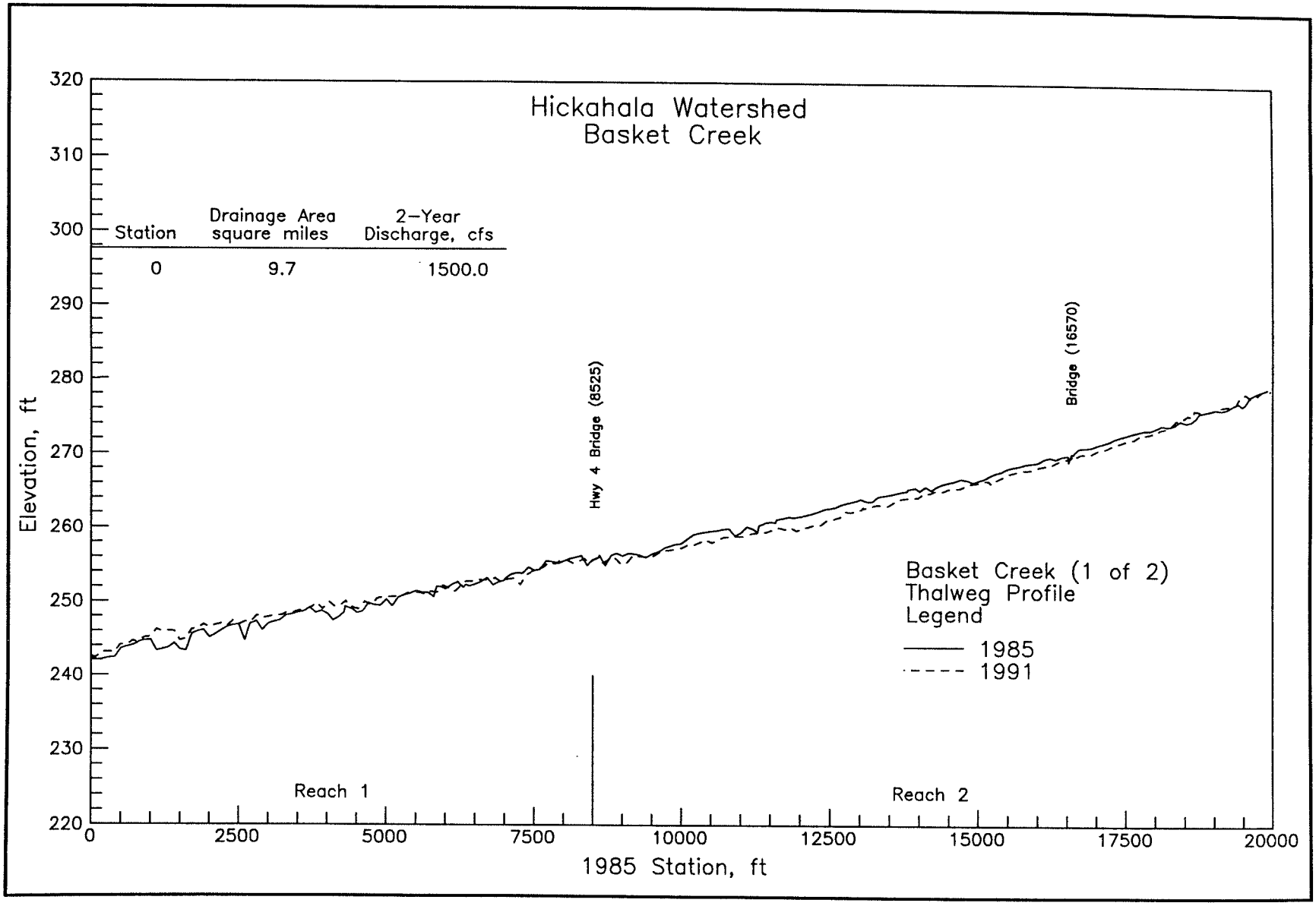
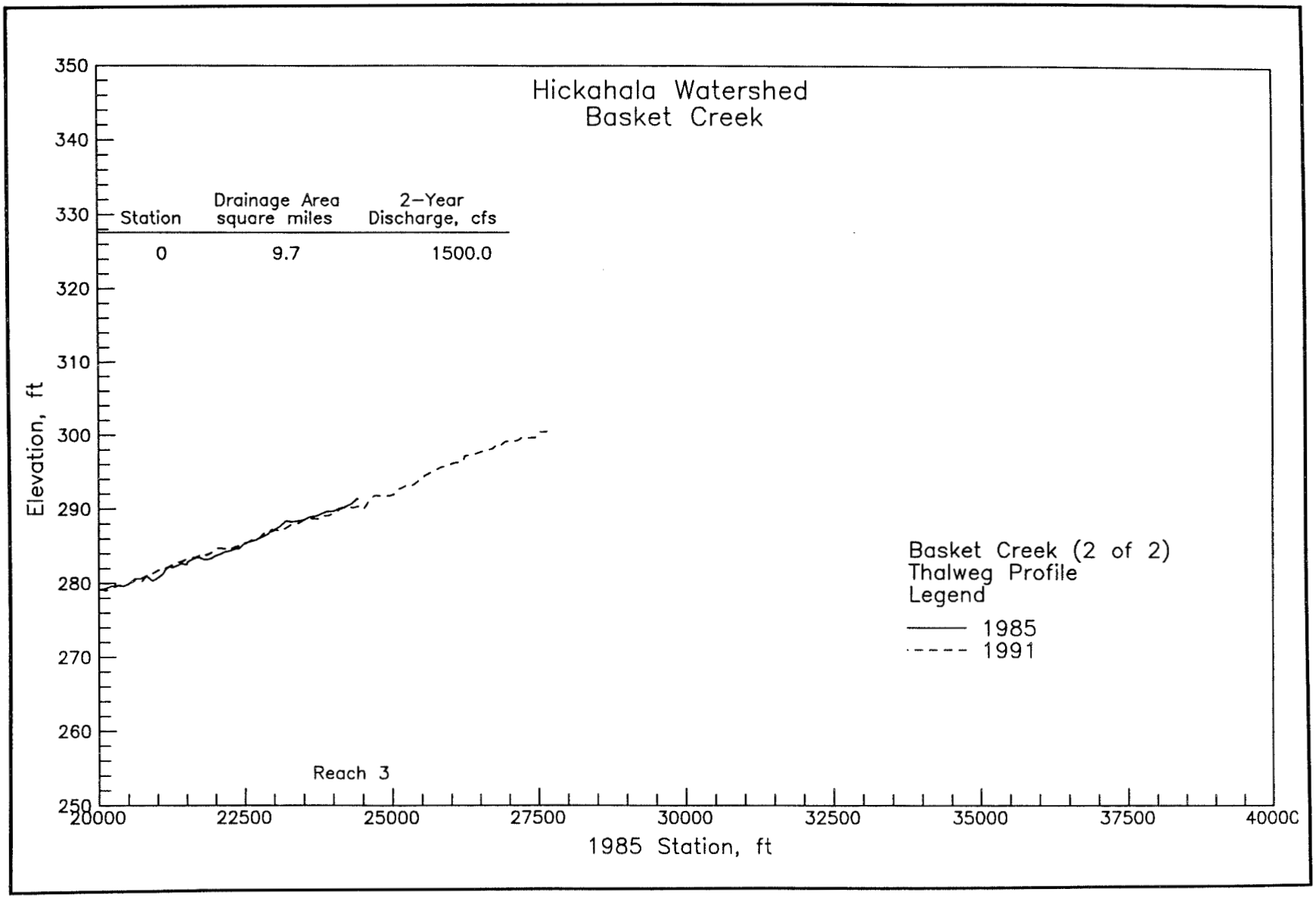

Hickahala Watershed
Basket Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
9.7
1500.0
Hwy 4 Bridge (8525)
Bridge (16570)
Basket Creek (1 of 2)
Thalweg Profile
Legend
1985
1991
Reach 1
Reach 2
Elevation, ft
1985 Station, ft
320
310
300
290
280
270
260
250
240
230
220
0
2500
5000
7500
10000
12500
15000
17500
20000

PLATE A3

PLATE A4


Hickahala Watershed
Basket Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
9.7
1500.0
Elevation, ft
350
340
330
320
310
300
290
280
270
260
250
Reach 3
20000
22500
25000
27500
30000
32500
35000
37500
40000
1985 Station, ft
Basket Creek (2 of 2)
Thalweg Profile
Legend
1985
1991

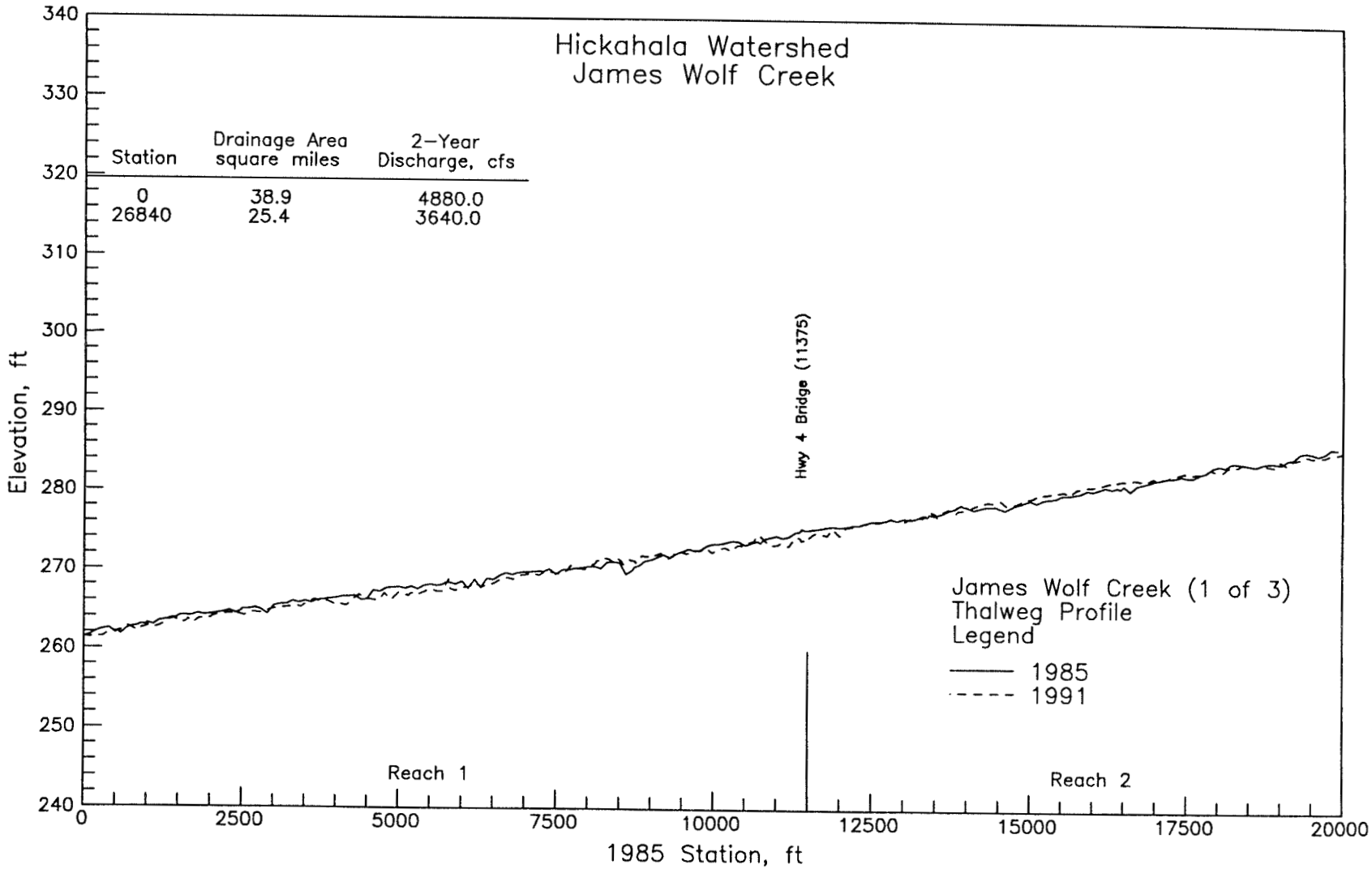

Hickahala Watershed
James Wolf Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 38.9 4880.0
26840 25.4 3640.0
Hwy 4 Bridge (11375)
James Wolf Creek (1 of 3)
Thalweg Profile
Legend
1985
1991
Reach 1
Reach 2
Elevation, ft
1985 Station, ft
340
330
320
310
300
290
280
270
260
250
240
0
2500
5000
7500
10000
12500
15000
17500
20000

PLATE A5

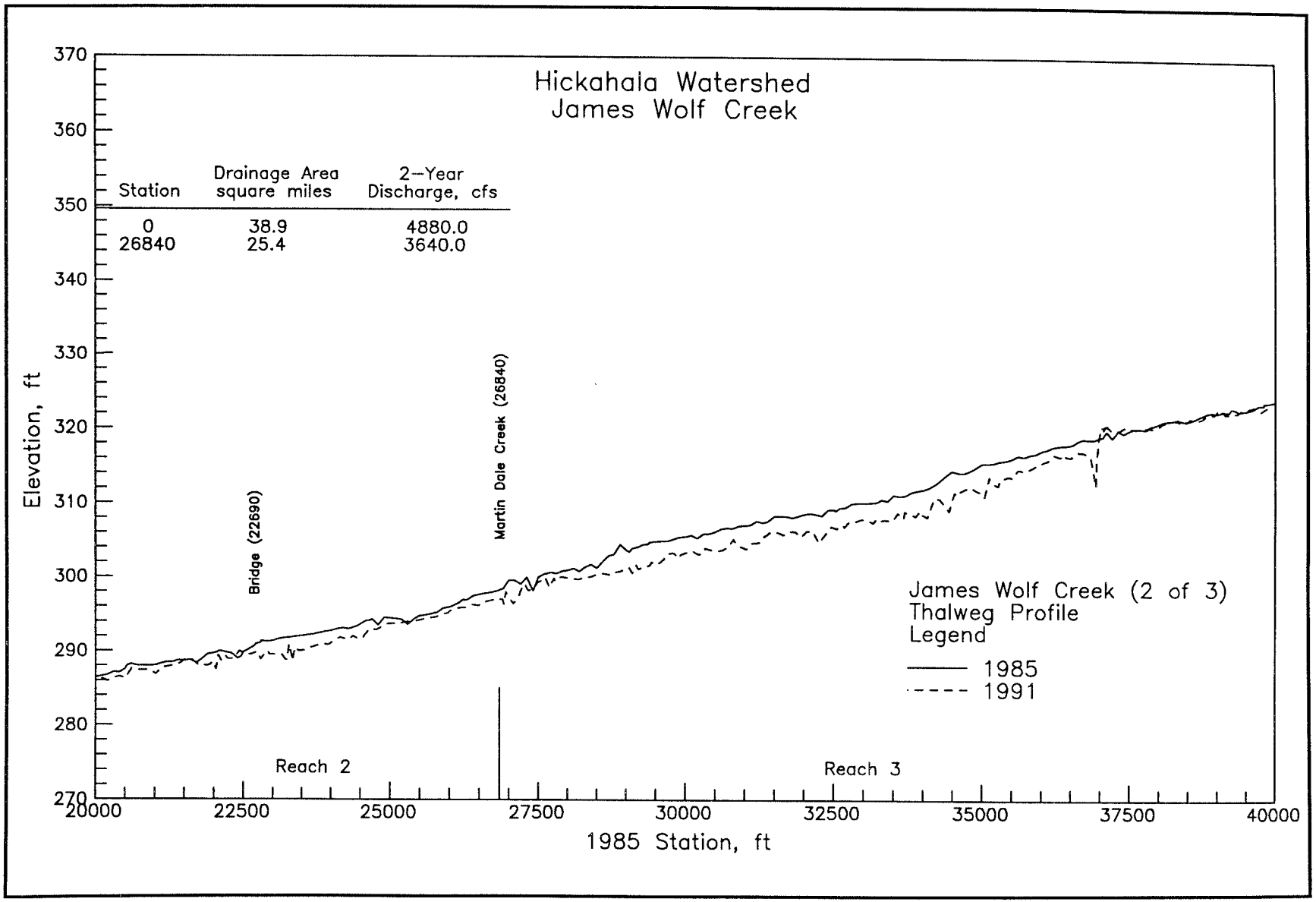

Hickahala Watershed
James Wolf Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 38.9 4880.0
26840 25.4 3640.0
Bridge (22690)
Martin Dale Creek (26840)
Reach 2
Reach 3
James Wolf Creek (2 of 3)
Thalweg Profile
Legend
1985
1991
Elevation, ft
1985 Station, ft
370
360
350
340
330
320
310
300
290
280
270
20000
22500
25000
27500
30000
32500
35000
37500
40000

PLATE A6

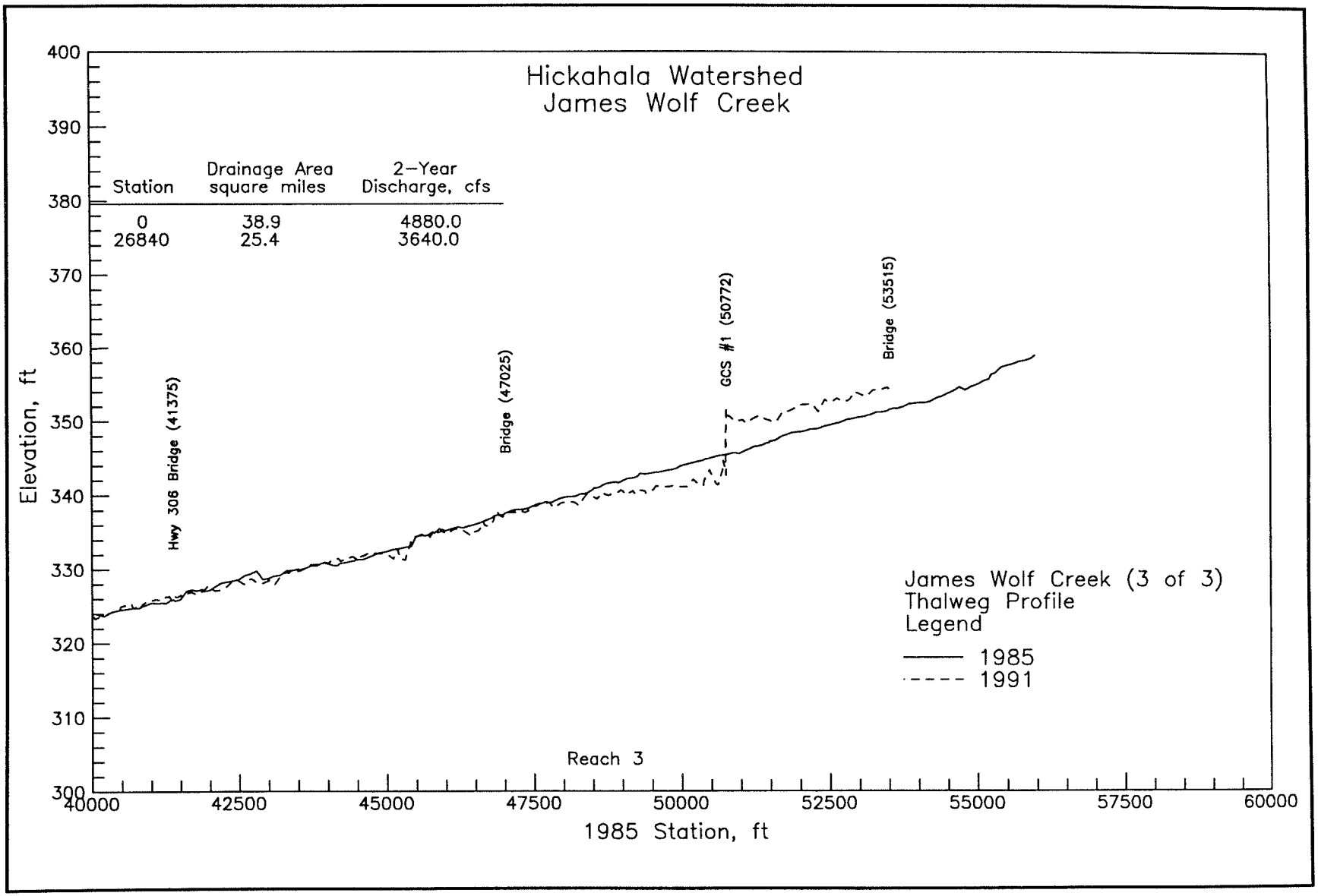

Hickahala Watershed
James Wolf Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 38.9 4880.0
26840 25.4 3640.0
Hwy 306 Bridge (41375)
Bridge (47025)
GCS #1 (50772)
Bridge (53515)
James Wolf Creek (3 of 3)
Thalweg Profile
Legend
1985
1991
Reach 3
Elevation, ft
1985 Station, ft
400
390
380
370
360
350
340
330
320
310
300
40000
42500
45000
47500
50000
52500
55000
57500
60000

PLATE A7

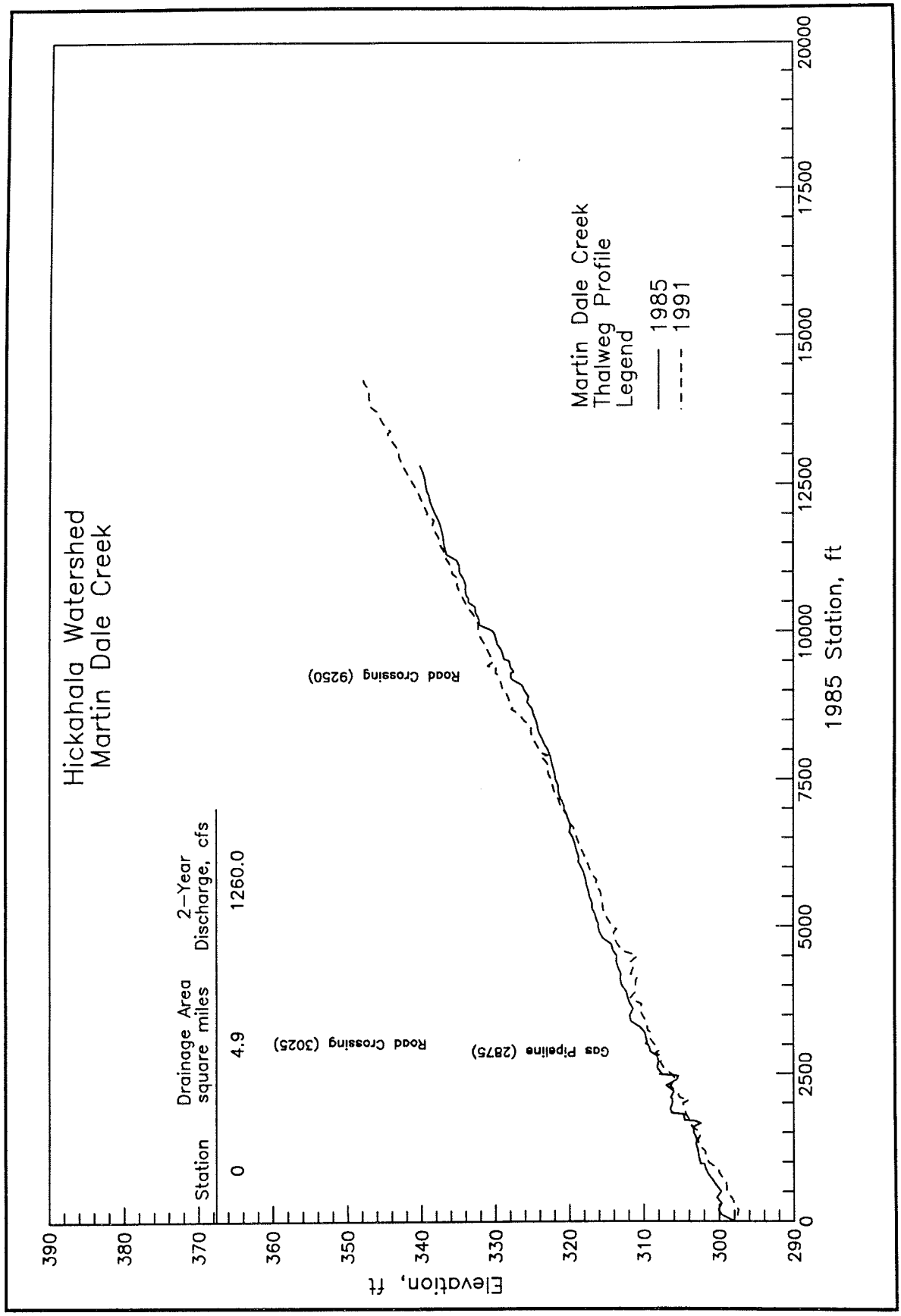

Hickahala Watershed
Martin Dale Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
4.9
1260.0
Road Crossing (3025)
Gas Pipeline (2875)
Road Crossing (9250)
Martin Dale Creek
Thalweg Profile
Legend
1985
1991
Elevation, ft
1985 Station, ft
390
380
370
360
350
340
330
320
310
300
290
0
2500
5000
7500
10000
12500
15000
17500
20000

PLATE A8

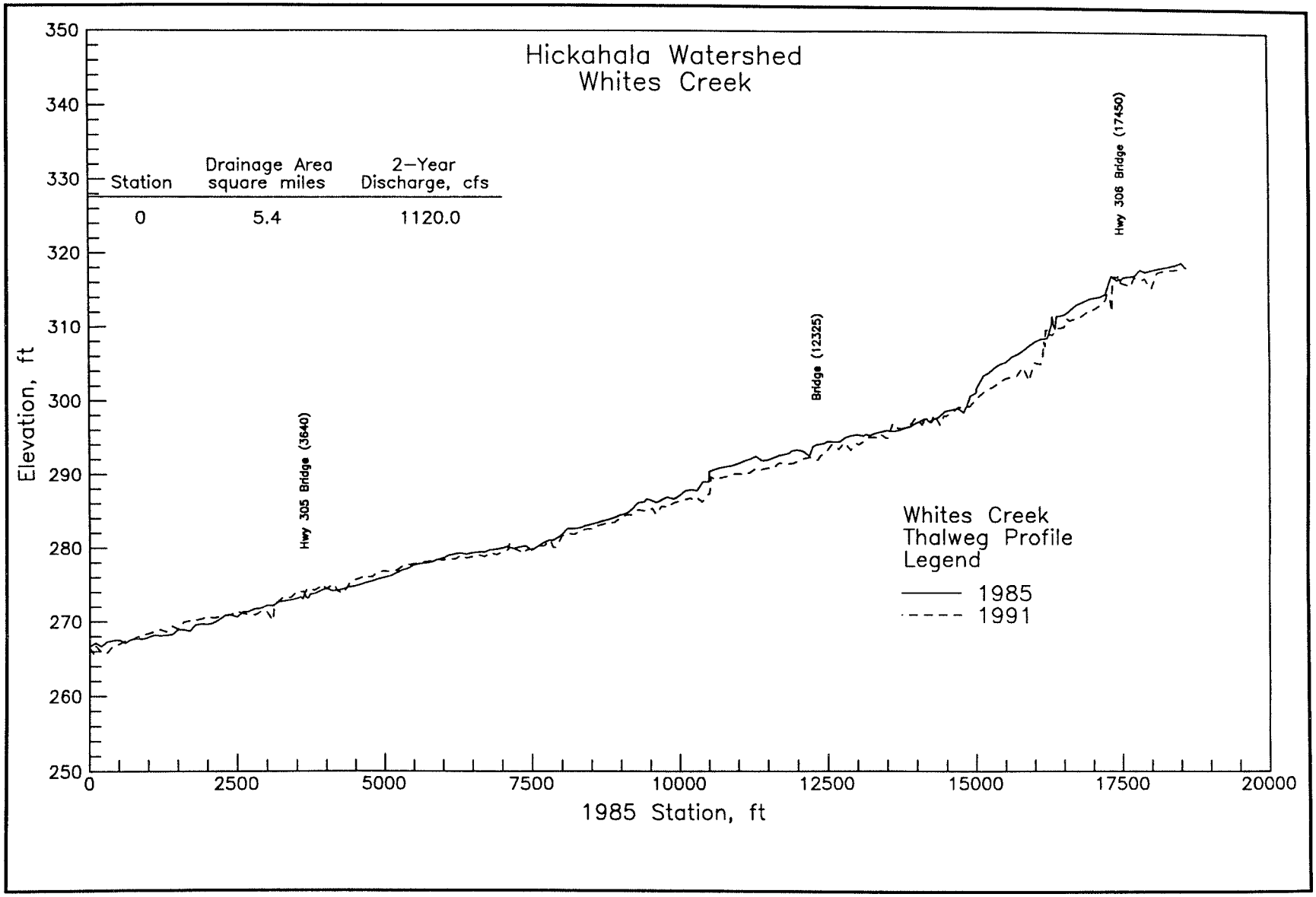

Hickahala Watershed
Whites Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
5.4
1120.0
Hwy 305 Bridge (3640)
Bridge (12325)
Hwy 308 Bridge (17450)
Whites Creek Thalweg Profile Legend
1985
1991
Elevation, ft
1985 Station, ft
350
340
330
320
310
300
290
280
270
260
250
0
2500
5000
7500
10000
12500
15000
17500
20000

PLATE A9

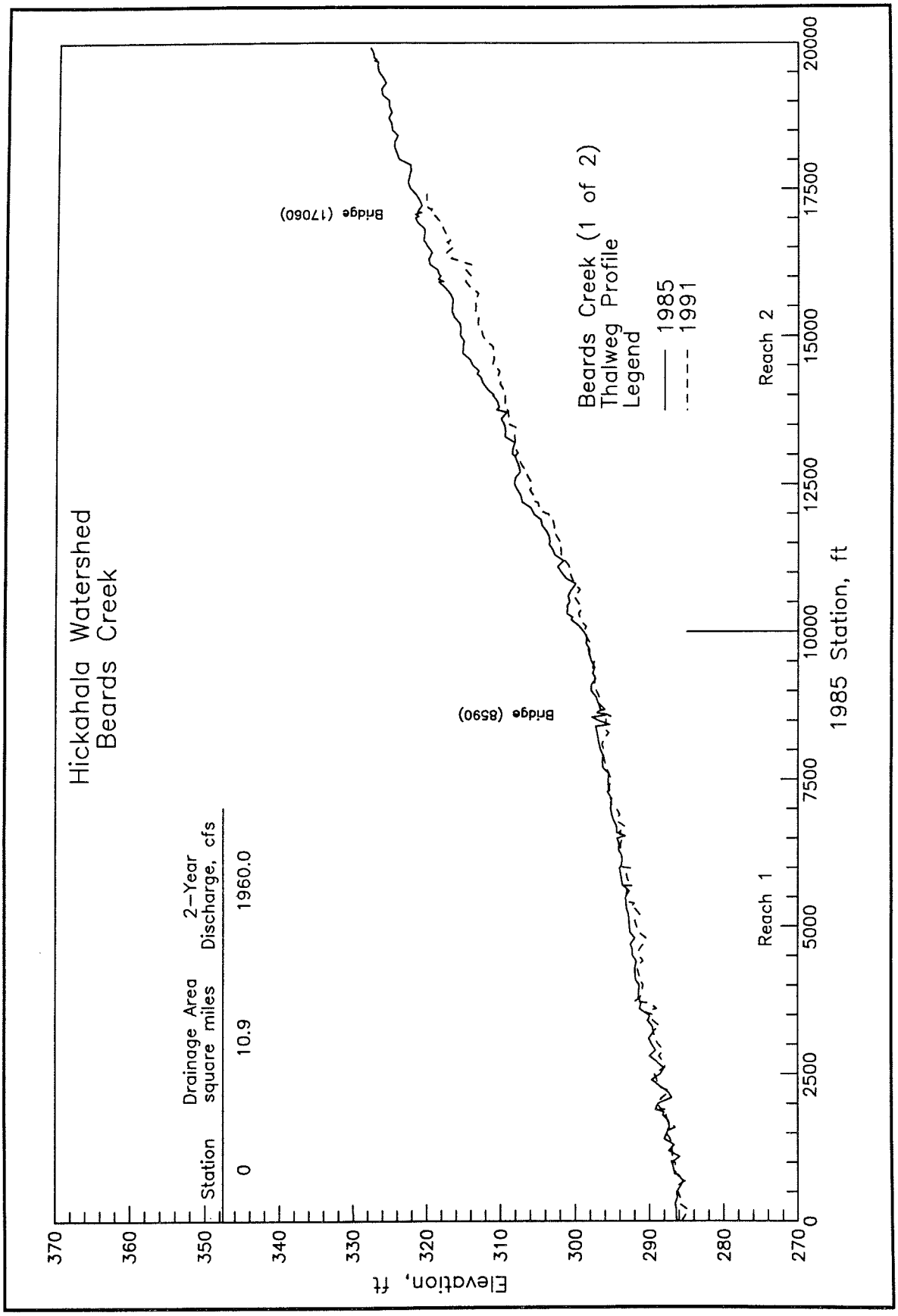

Hickahala Watershed
Beards Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
10.9
1960.0
Bridge (17060)
Bridge (8590)
Beards Creek (1 of 2)
Thalweg Profile
Legend
1985
1991
Reach 1
Reach 2
Elevation, ft
1985 Station, ft
370
360
350
340
330
320
310
300
290
280
270
0
2500
5000
7500
10000
12500
15000
17500
20000

PLATE A10

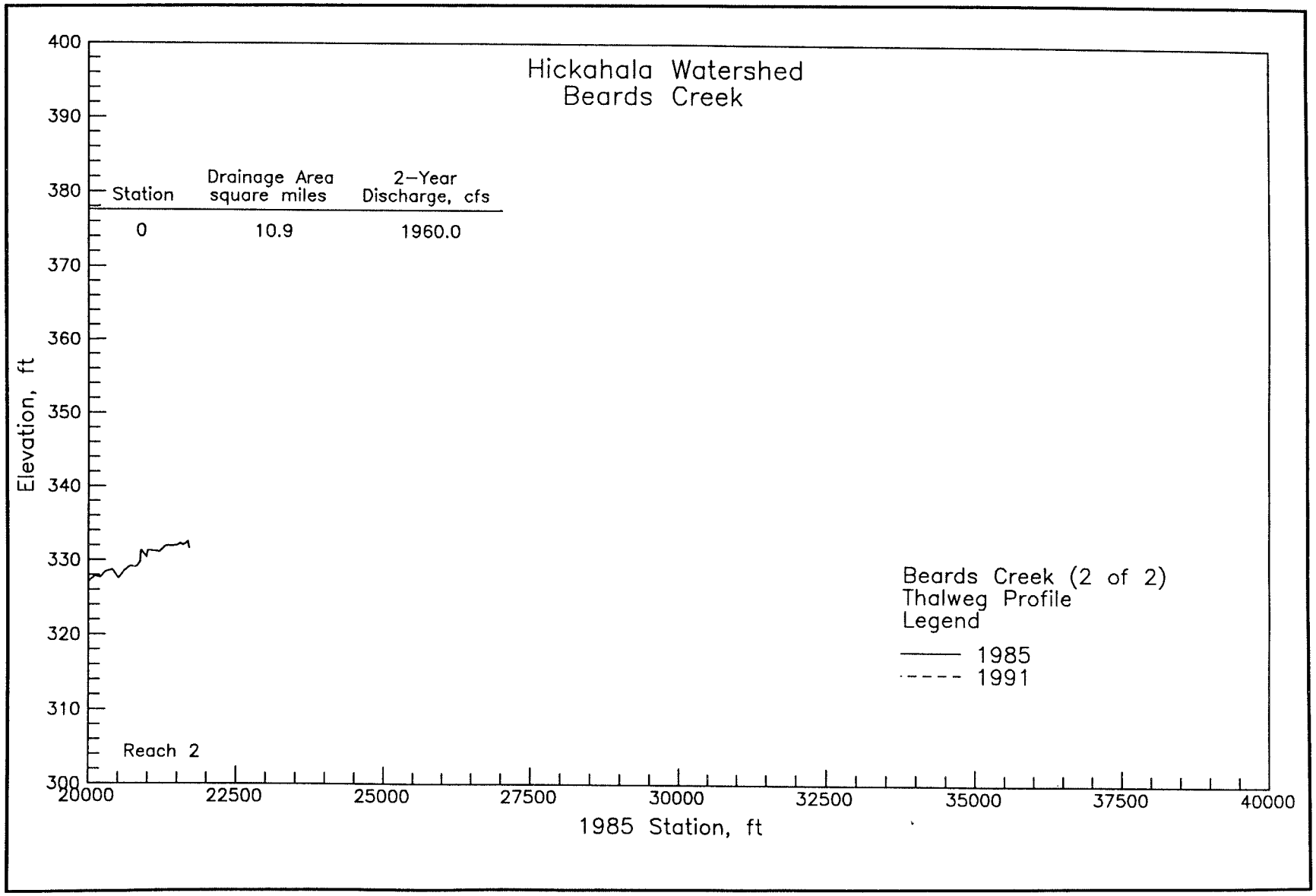

Hickahala Watershed
Beards Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
10.9
1960.0
Elevation, ft
400
390
380
370
360
350
340
330
320
310
300
Reach 2
20000
22500
25000
27500
30000
32500
35000
37500
40000
1985 Station, ft
Beards Creek (2 of 2)
Thalweg Profile
Legend
1985
1991

PLATE A11

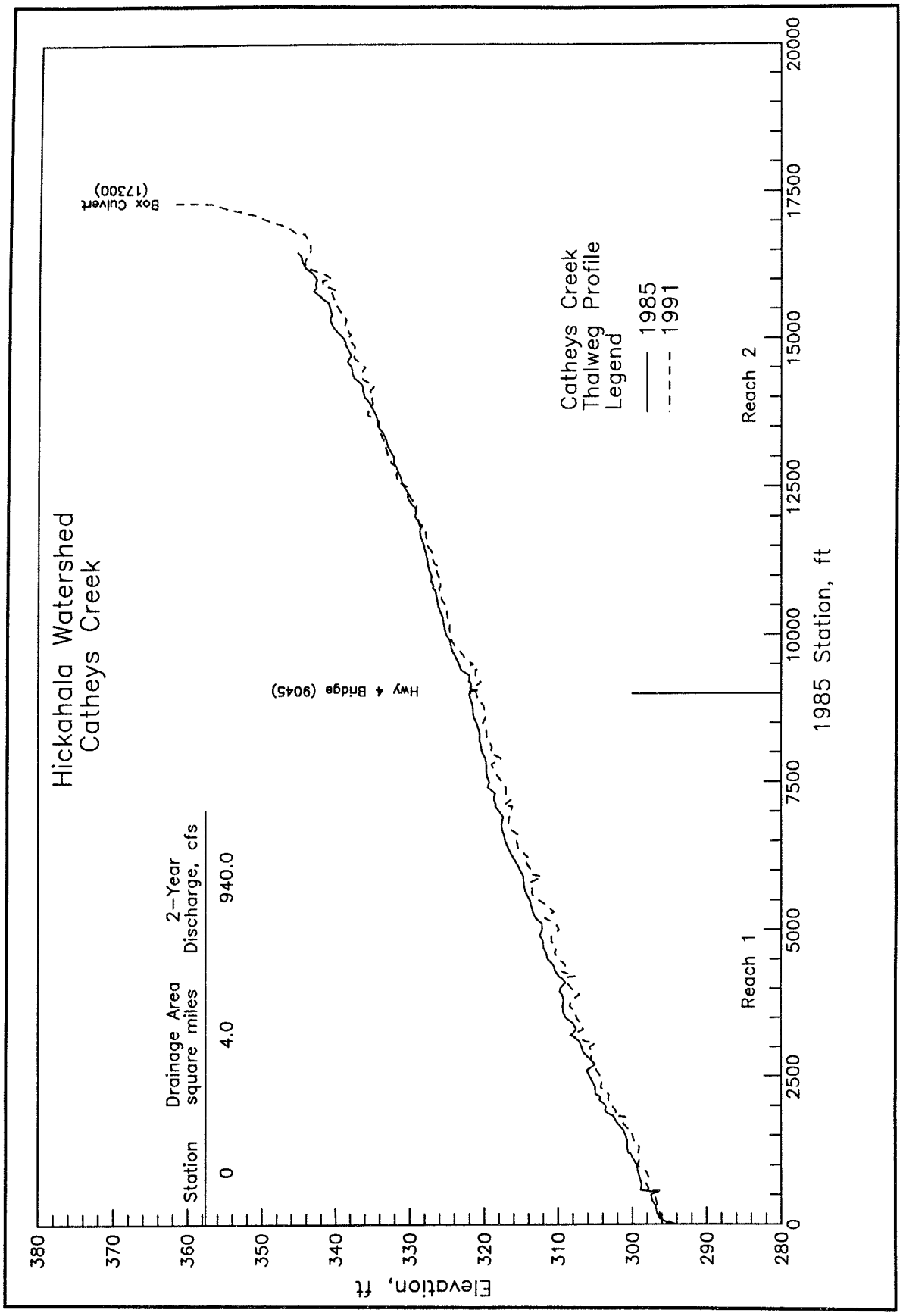

Hickahala Watershed
Catheys Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
4.0
940.0
Box Culvert (17300)
Hwy 4 Bridge (9045)
Catheys Creek Thalweg Profile Legend
1985
1991
Reach 1
Reach 2
1985 Station, ft
Elevation, ft
0
2500
5000
7500
10000
12500
15000
17500
20000
280
290
300
310
320
330
340
350
360
370
380

PLATE A12

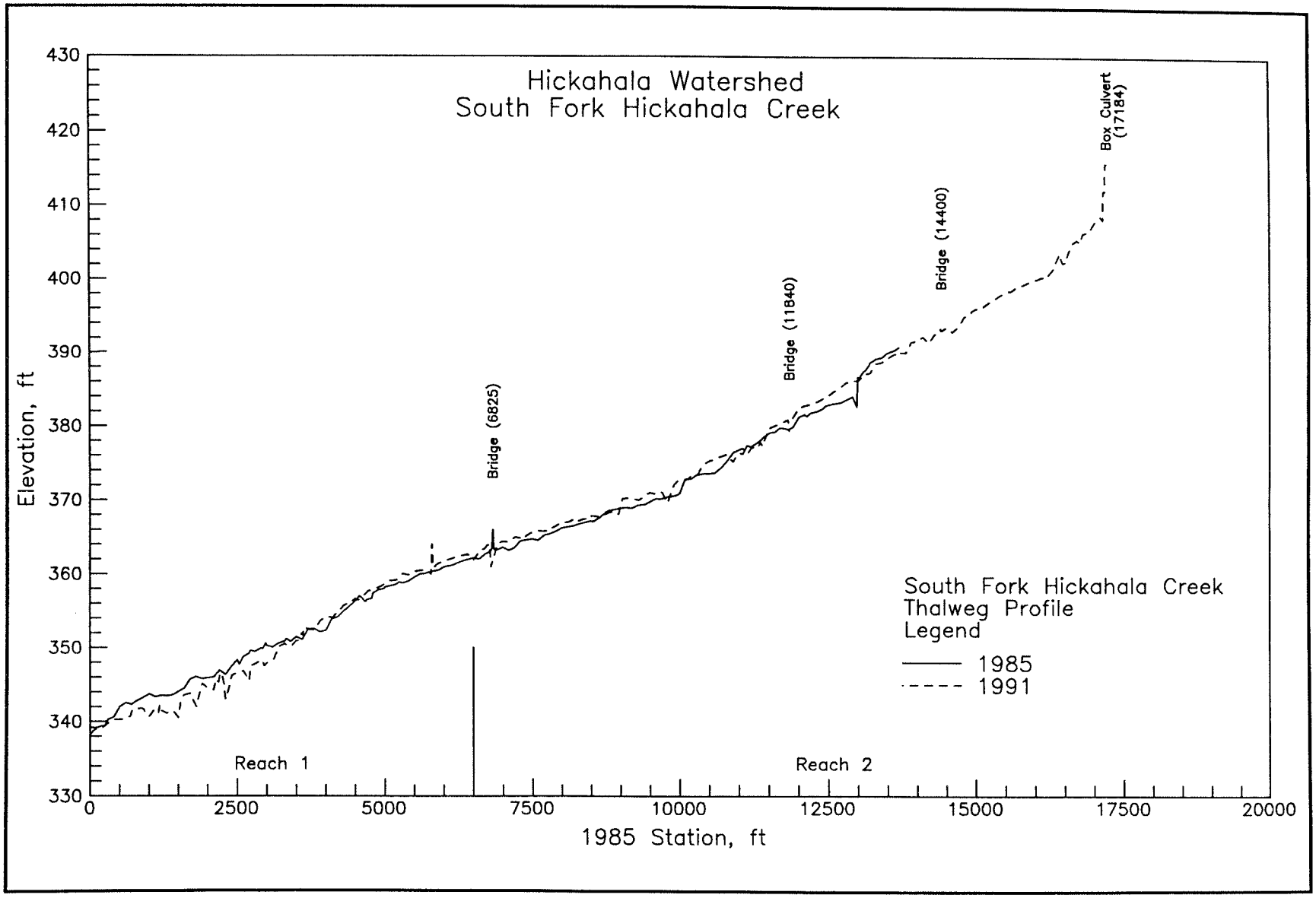

Hickahala Watershed
South Fork Hickahala Creek
Elevation, ft
430
420
410
400
390
380
370
360
350
340
330
0
2500
5000
7500
10000
12500
15000
17500
20000
1985 Station, ft
Bridge (6825)
Bridge (11840)
Bridge (14400)
Box Culvert (17184)
Reach 1
Reach 2
South Fork Hickahala Creek
Thalweg Profile
Legend
1985
1991

PLATE A13

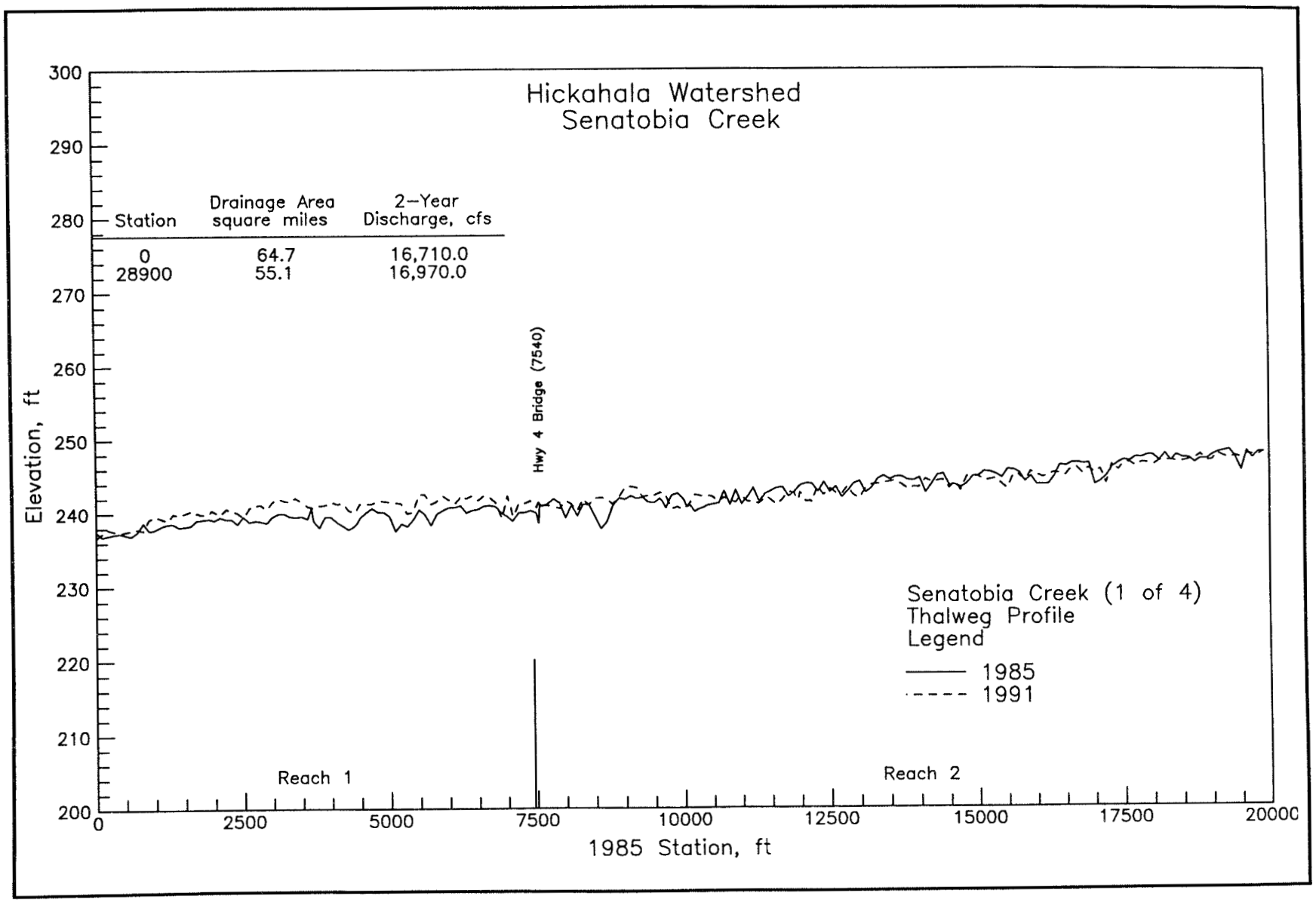

Hickahala Watershed
Senatobia Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
64.7
16,710.0
28900
55.1
16,970.0
Hwy 4 Bridge (7540)
Elevation, ft
300
290
280
270
260
250
240
230
220
210
200
0
2500
5000
7500
10000
12500
15000
17500
20000
1985 Station, ft
Reach 1
Reach 2
Senatobia Creek (1 of 4)
Thalweg Profile
Legend
1985
1991

PLATE A14

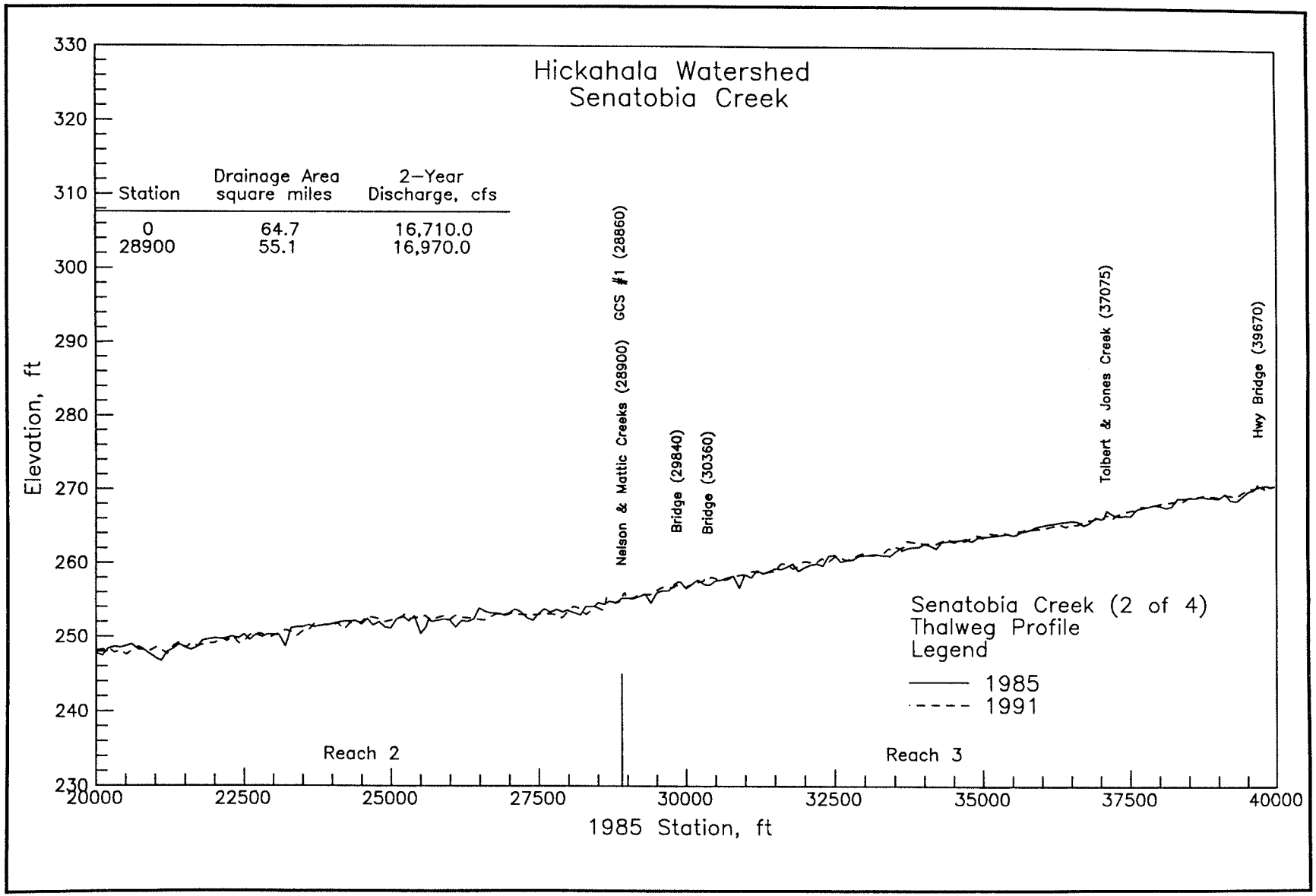

Hickahala Watershed
Senatobia Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
64.7
16,710.0
28900
55.1
16,970.0
Nelson & Mattic Creeks (28900)
GCS #1 (28860)
Bridge (29840)
Bridge (30360)
Talbert & Jones Creek (37075)
Hwy Bridge (39670)
Senatobia Creek (2 of 4)
Thalweg Profile
Legend
1985
1991
Reach 2
Reach 3
Elevation, ft
1985 Station, ft
330
320
310
300
290
280
270
260
250
240
230
20000
22500
25000
27500
30000
32500
35000
37500
40000

PLATE A15

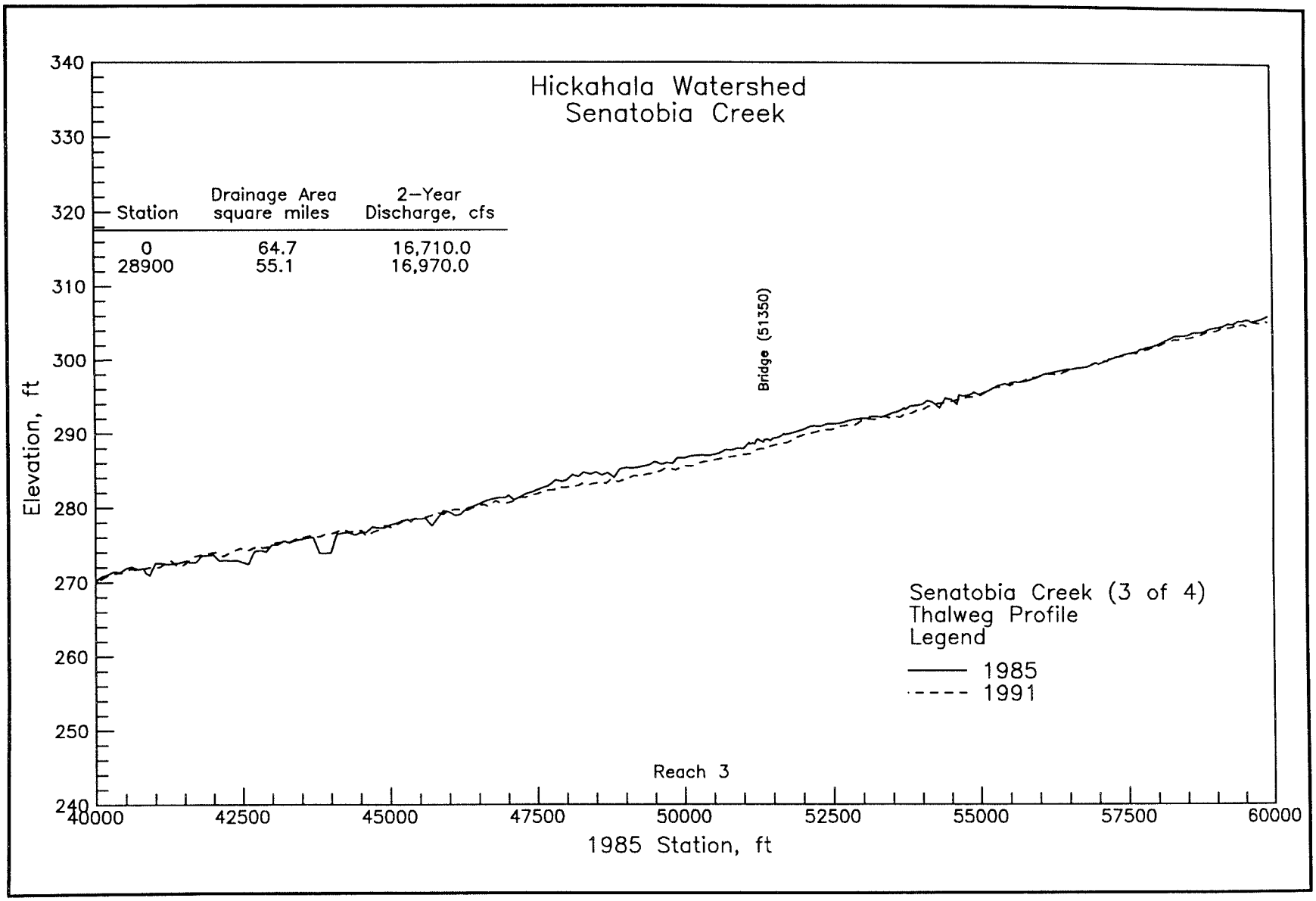

Hickahala Watershed
Senatobia Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 64.7 16,710.0
28900 55.1 16,970.0
Bridge (51350)
Reach 3
Senatobia Creek (3 of 4)
Thalweg Profile
Legend
1985
1991
Elevation, ft
1985 Station, ft
340
330
320
310
300
290
280
270
260
250
240
40000
42500
45000
47500
50000
52500
55000
57500
60000

PLATE A16

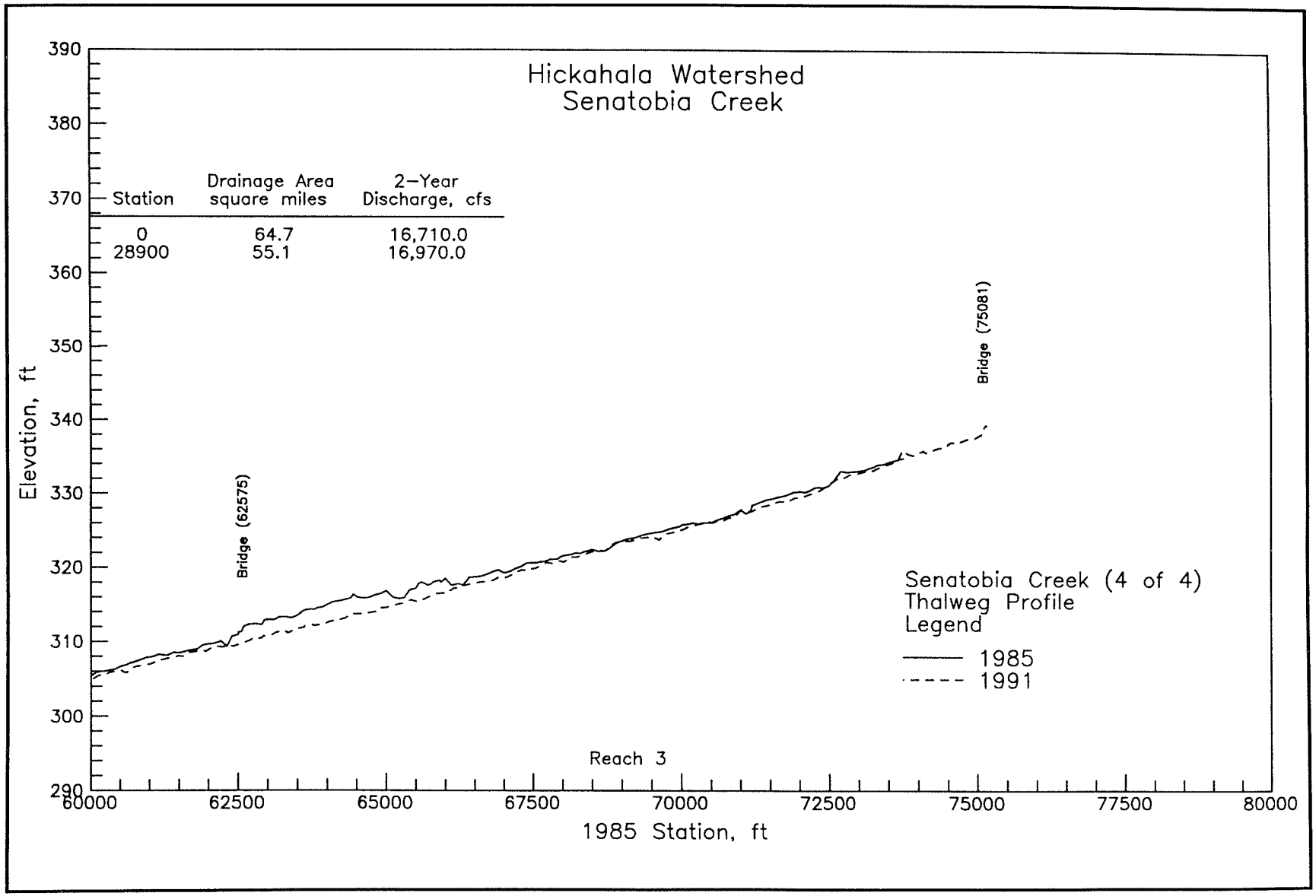

Hickahala Watershed
Senatobia Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 64.7 16,710.0
28900 55.1 16,970.0
Bridge (62575)
Bridge (75081)
Reach 3
Senatobia Creek (4 of 4)
Thalweg Profile
Legend
1985
1991
Elevation, ft
1985 Station, ft
390
380
370
360
350
340
330
320
310
300
290
60000
62500
65000
67500
70000
72500
75000
77500
80000

PLATE A17

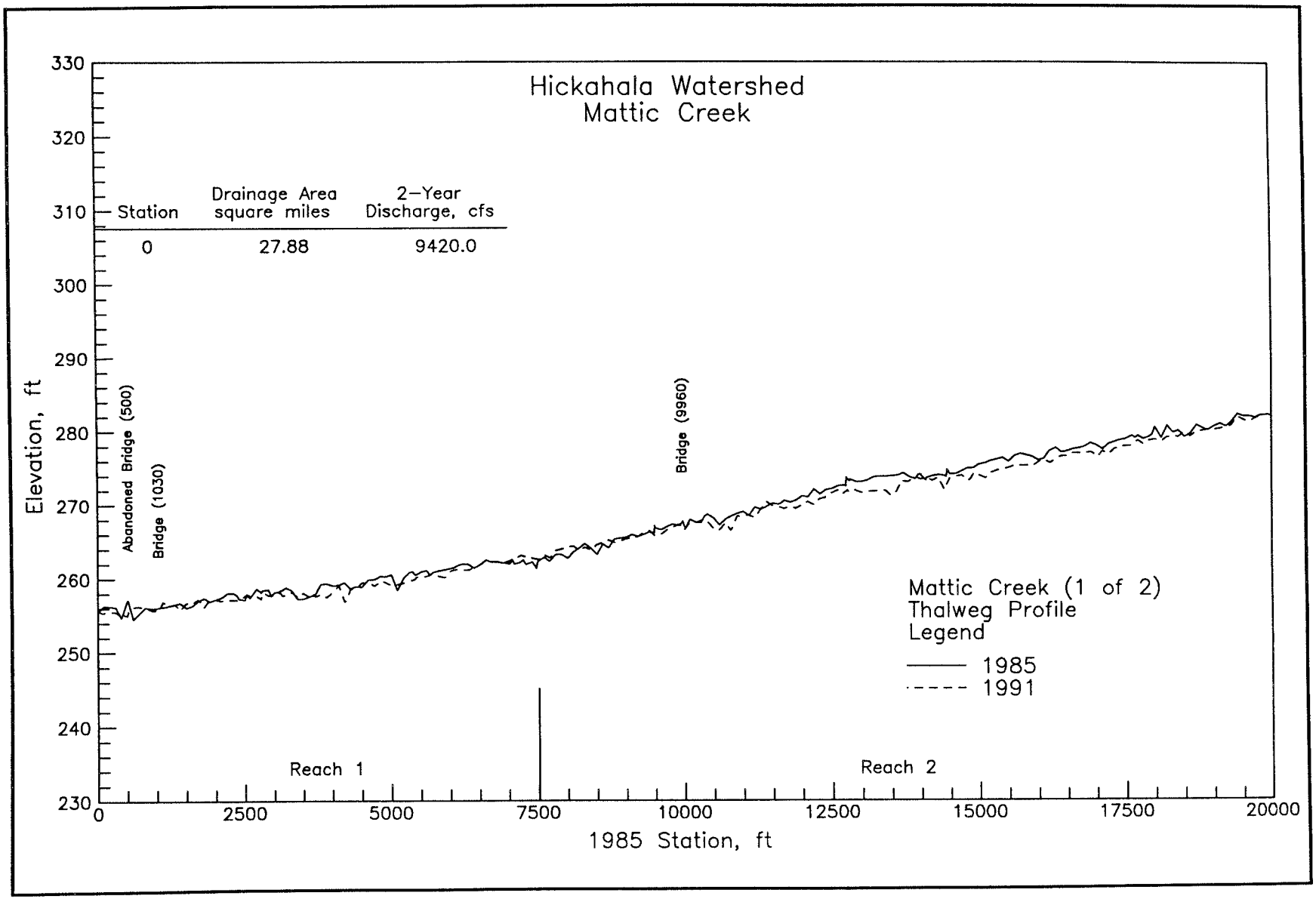

Hickahala Watershed
Mattic Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
27.88
9420.0
Abandoned Bridge (500)
Bridge (1030)
Bridge (9960)
Mattic Creek (1 of 2)
Thalweg Profile
Legend
1985
1991
Reach 1
Reach 2
Elevation, ft
1985 Station, ft
330
320
310
300
290
280
270
260
250
240
230
0
2500
5000
7500
10000
12500
15000
17500
20000

PLATE A18

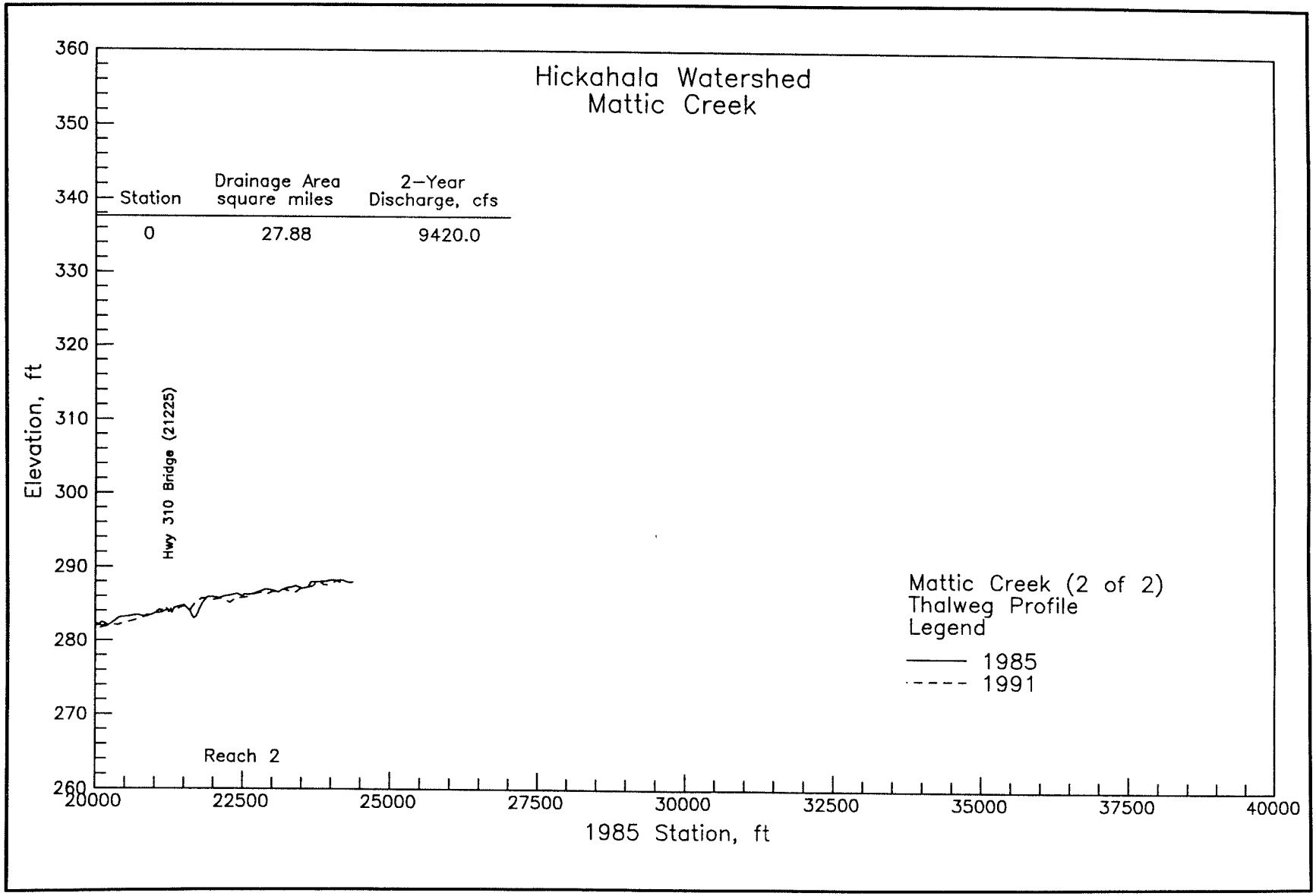

Hickahala Watershed
Mattic Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
27.88
9420.0
Hwy 310 Bridge (21225)
Reach 2
Mattic Creek (2 of 2)
Thalweg Profile
Legend
1985
1991
Elevation, ft
360
350
340
330
320
310
300
290
280
270
260
20000
22500
25000
27500
30000
32500
35000
37500
40000
1985 Station, ft

PLATE A19

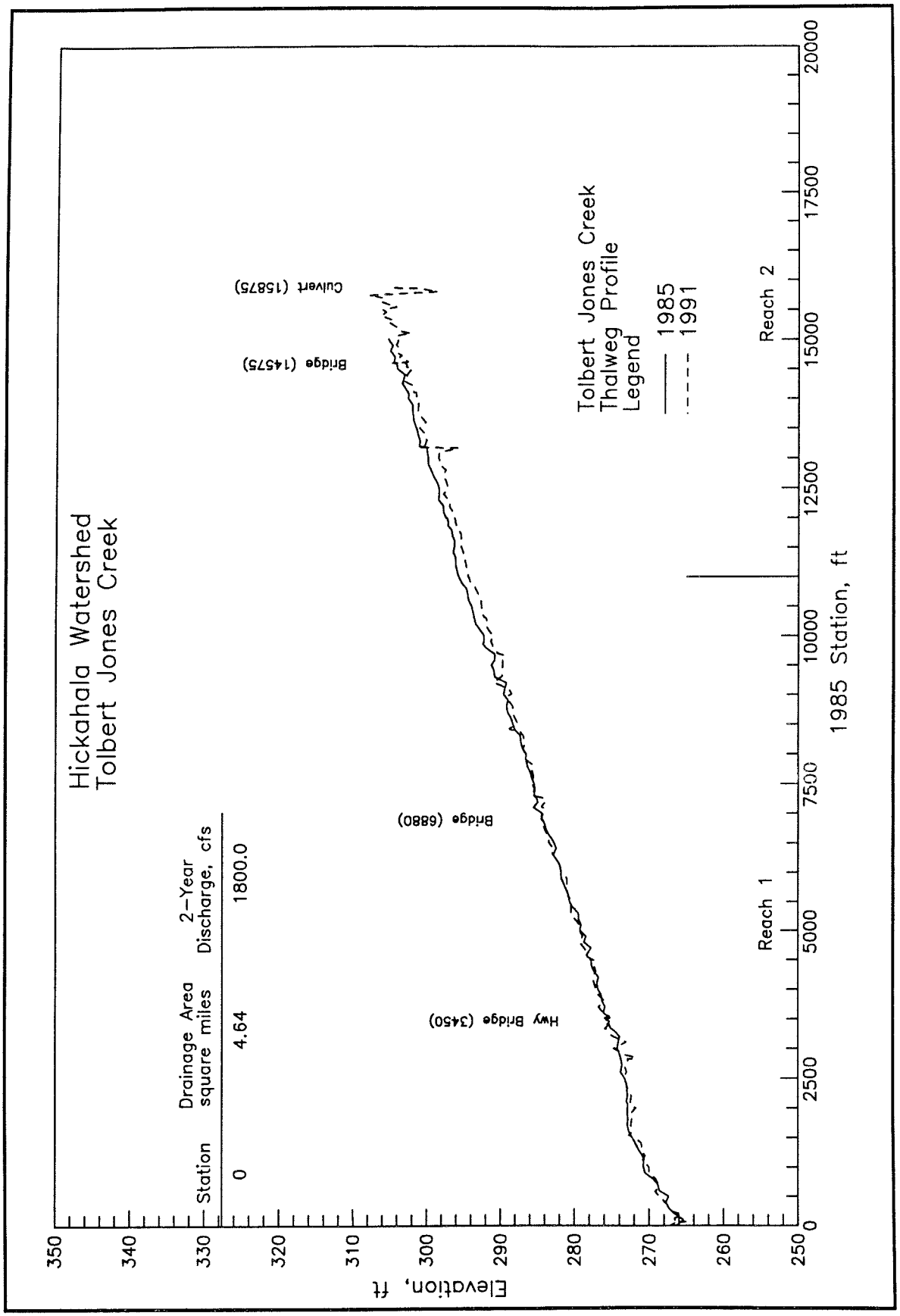

Hickahala Watershed
Tolbert Jones Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
4.64
1800.0
Hwy Bridge (3450)
Bridge (6880)
Bridge (14575)
Culvert (15875)
Tolbert Jones Creek
Thalweg Profile
Legend
1985
1991
Reach 1
Reach 2
1985 Station, ft
Elevation, ft
0
2500
5000
7500
10000
12500
15000
17500
20000
250
260
270
280
290
300
310
320
330
340
350

PLATE A20

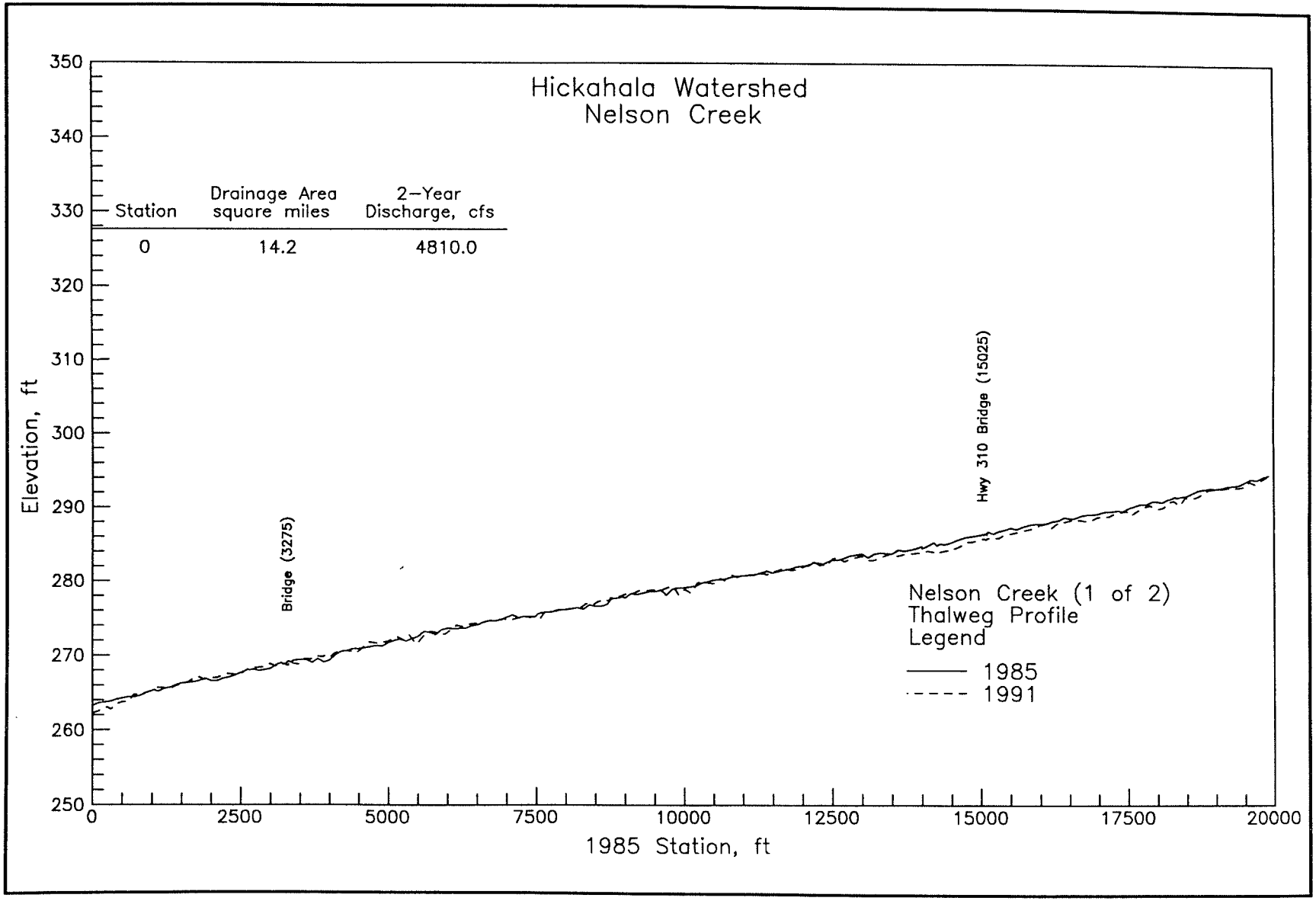
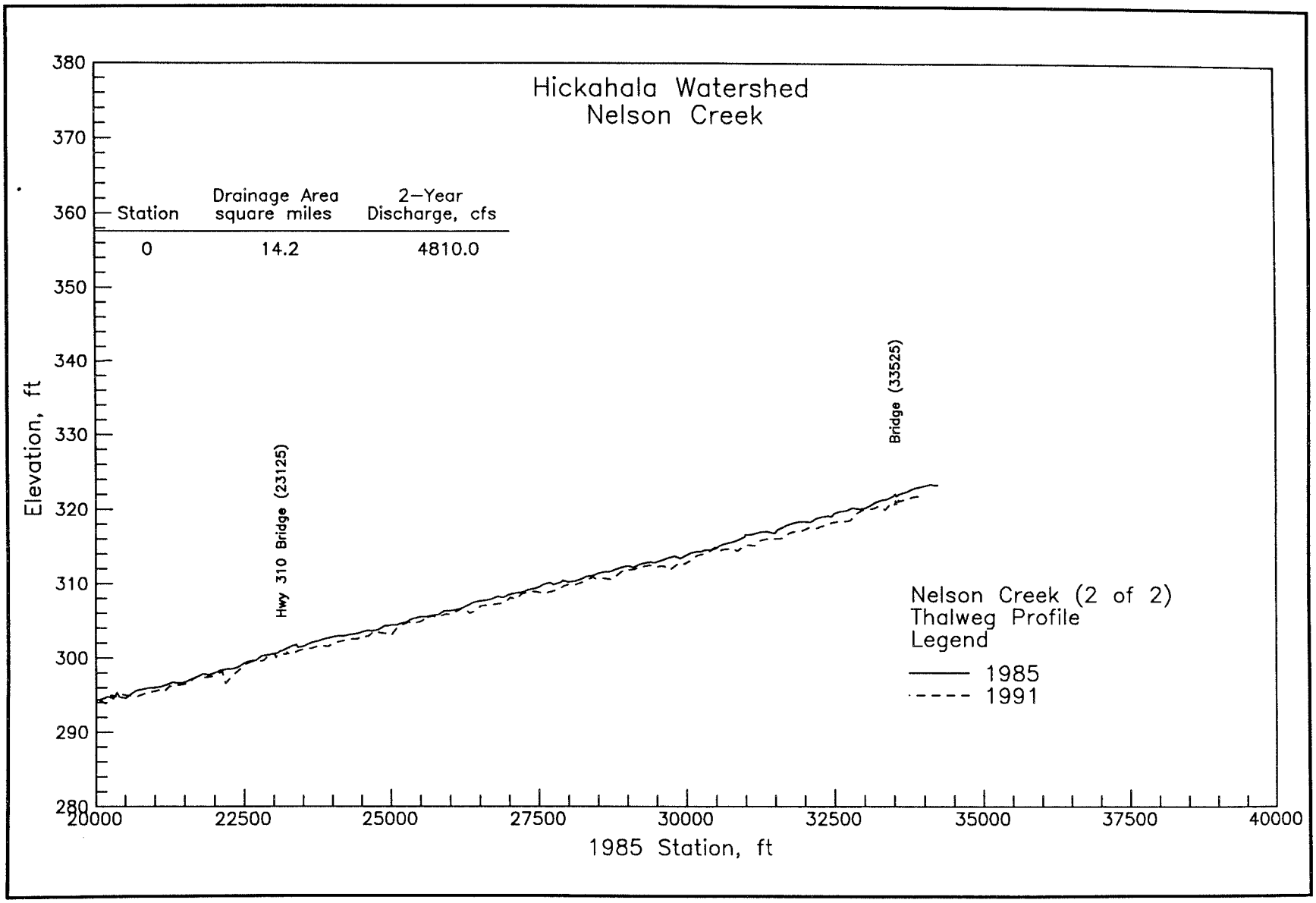

Hickahala Watershed
Nelson Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
14.2
4810.0
Bridge (3275)
Hwy 310 Bridge (15025)
Nelson Creek (1 of 2)
Thalweg Profile
Legend
1985
1991
Elevation, ft
1985 Station, ft
350
340
330
320
310
300
290
280
270
260
250
0
2500
5000
7500
10000
12500
15000
17500
20000

PLATE A21

PLATE A22


Hickahala Watershed
Nelson Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
14.2
4810.0
Hwy 310 Bridge (23125)
Bridge (33525)
Nelson Creek (2 of 2)
Thalweg Profile
Legend
1985
1991
Elevation, ft
380
370
360
350
340
330
320
310
300
290
280
20000
22500
25000
27500
30000
32500
35000
37500
40000
1985 Station, ft

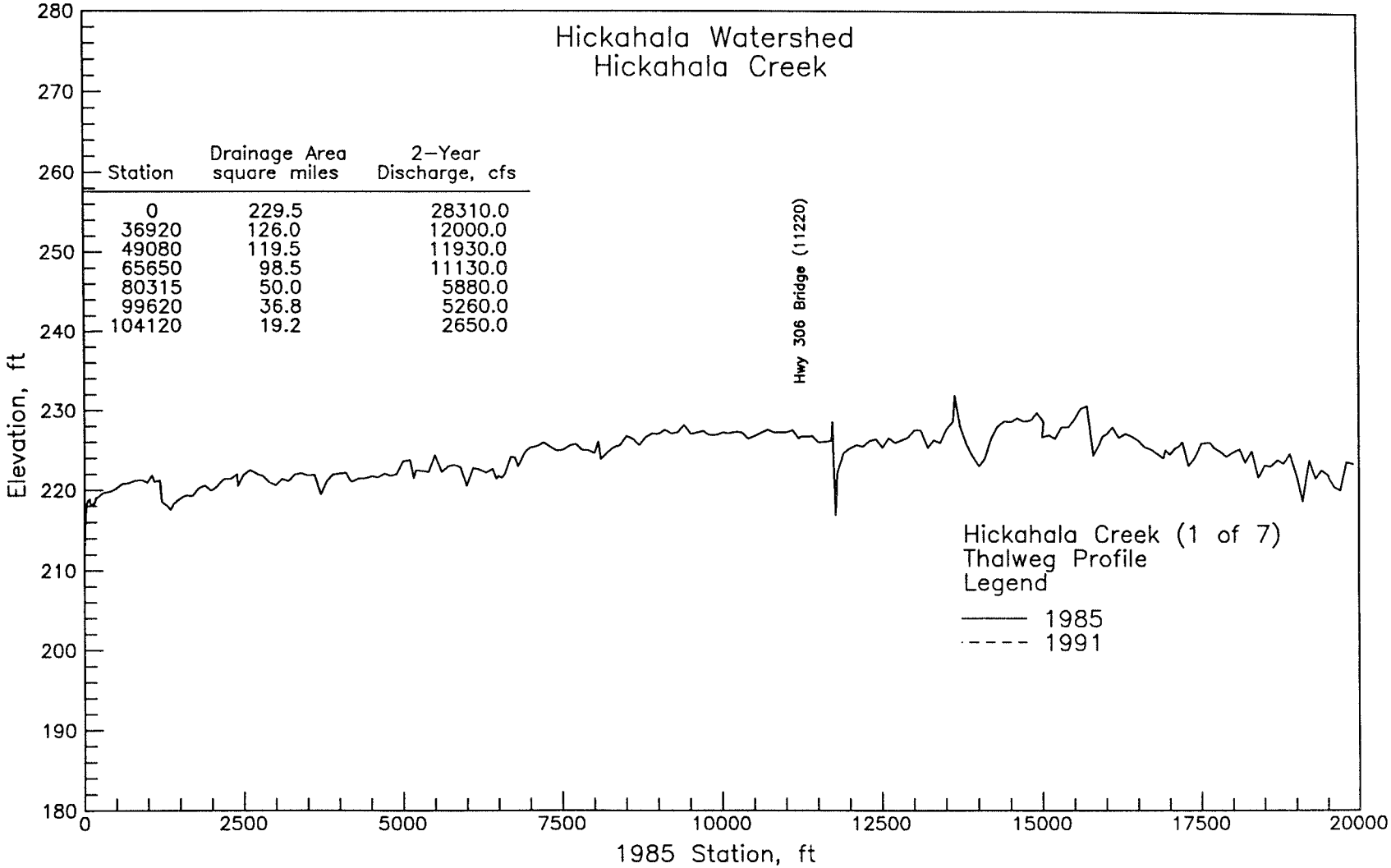

Hickahala Watershed
Hickahala Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 229.5 28310.0
36920 126.0 12000.0
49080 119.5 11930.0
65650 98.5 11130.0
80315 50.0 5880.0
99620 36.8 5260.0
104120 19.2 2650.0
Hwy 306 Bridge (11220)
Hickahala Creek (1 of 7)
Thalweg Profile
Legend
1985
1991
Elevation, ft
280
270
260
250
240
230
220
210
200
190
180
0
2500
5000
7500
10000
12500
15000
17500
20000
1985 Station, ft

PLATE A23

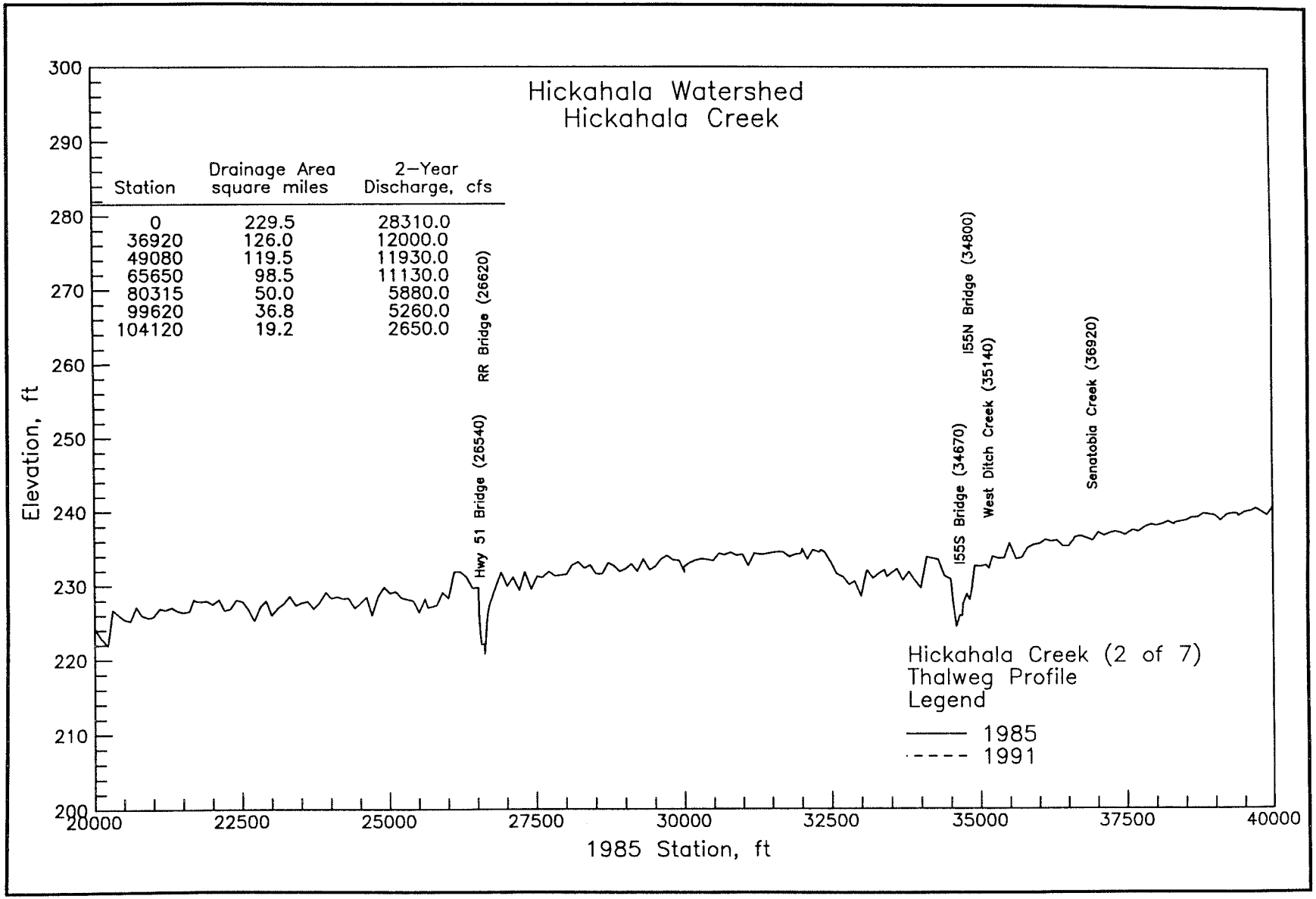

Hickahala Watershed
Hickahala Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 229.5 28310.0
36920 126.0 12000.0
49080 119.5 11930.0
65650 98.5 11130.0
80315 50.0 5880.0
99620 36.8 5260.0
104120 19.2 2650.0
Hwy 51 Bridge (26540)
RR Bridge (26620)
I55S Bridge (34670)
I55N Bridge (34800)
West Ditch Creek (35140)
Senatobia Creek (36920)
Hickahala Creek (2 of 7)
Thalweg Profile
Legend
1985
1991
Elevation, ft
1985 Station, ft
300
290
280
270
260
250
240
230
220
210
200
20000
22500
25000
27500
30000
32500
35000
37500
40000

PLATE A24

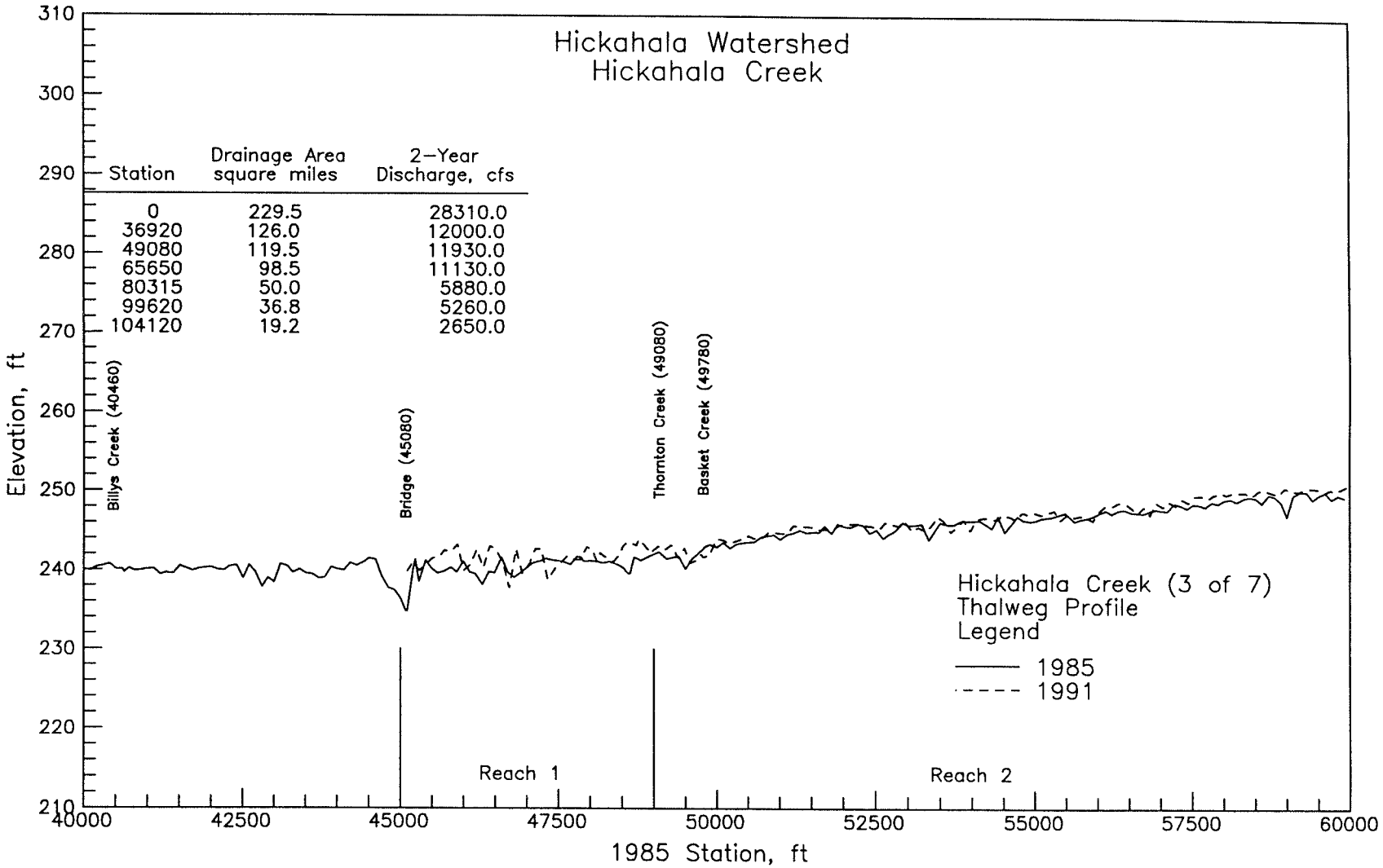

Hickahala Watershed
Hickahala Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 229.5 28310.0
36920 126.0 12000.0
49080 119.5 11930.0
65650 98.5 11130.0
80315 50.0 5880.0
99620 36.8 5260.0
104120 19.2 2650.0
Billys Creek (40460)
Bridge (45080)
Thornton Creek (49080)
Basket Creek (49780)
Hickahala Creek (3 of 7)
Thalweg Profile
Legend
1985
1991
Reach 1
Reach 2
Elevation, ft
1985 Station, ft
310
300
290
280
270
260
250
240
230
220
210
40000
42500
45000
47500
50000
52500
55000
57500
60000

PLATE A25

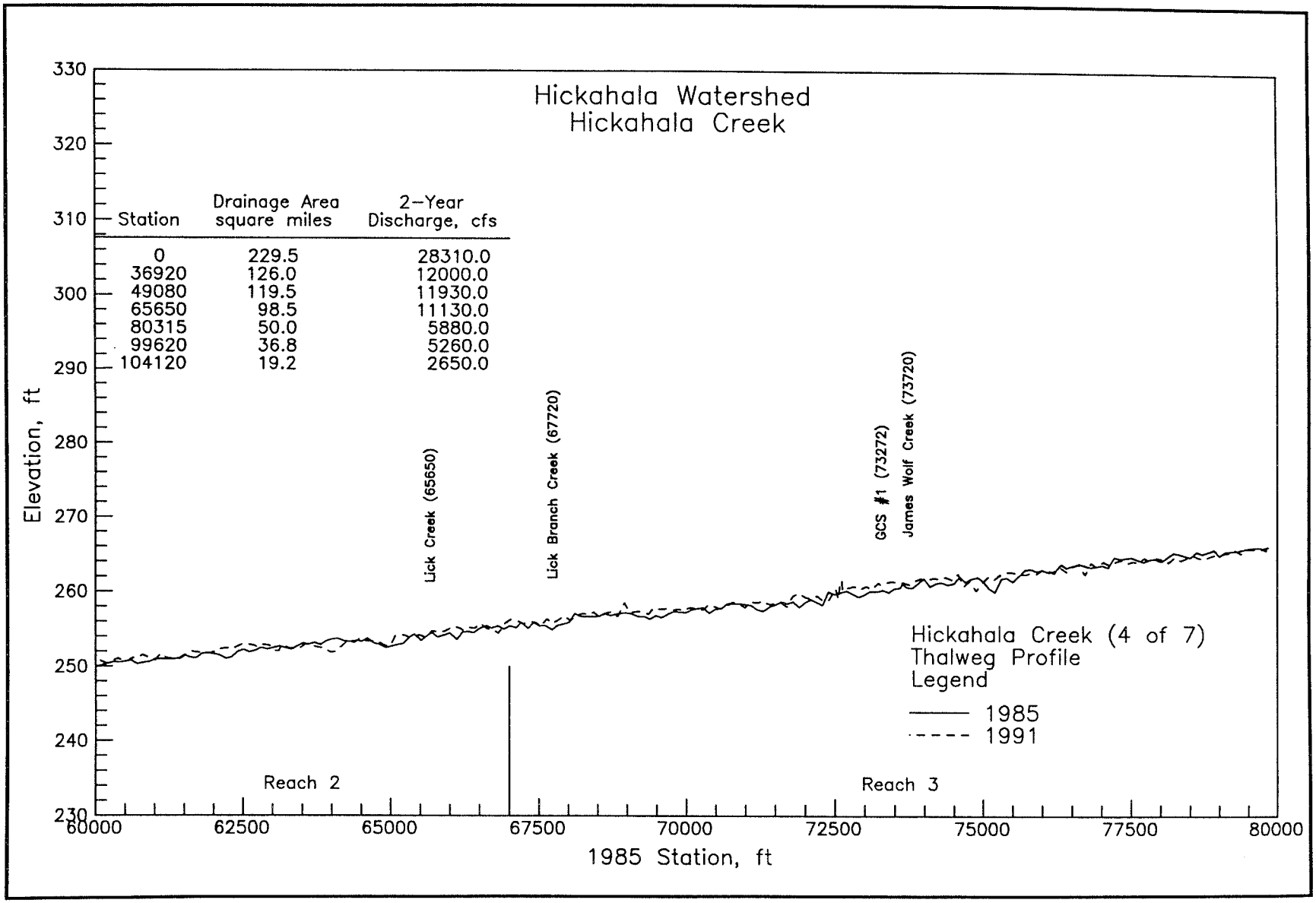

Hickahala Watershed
Hickahala Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 229.5 28310.0
36920 126.0 12000.0
49080 119.5 11930.0
65650 98.5 11130.0
80315 50.0 5880.0
99620 36.8 5260.0
104120 19.2 2650.0
Lick Creek (65650)
Lick Branch Creek (67720)
GCS #1 (73272)
James Wolf Creek (73720)
Hickahala Creek (4 of 7)
Thalweg Profile
Legend
1985
1991
Reach 2
Reach 3
Elevation, ft
330
320
310
300
290
280
270
260
250
240
230
60000
62500
65000
67500
70000
72500
75000
77500
80000
1985 Station, ft

PLATE A26

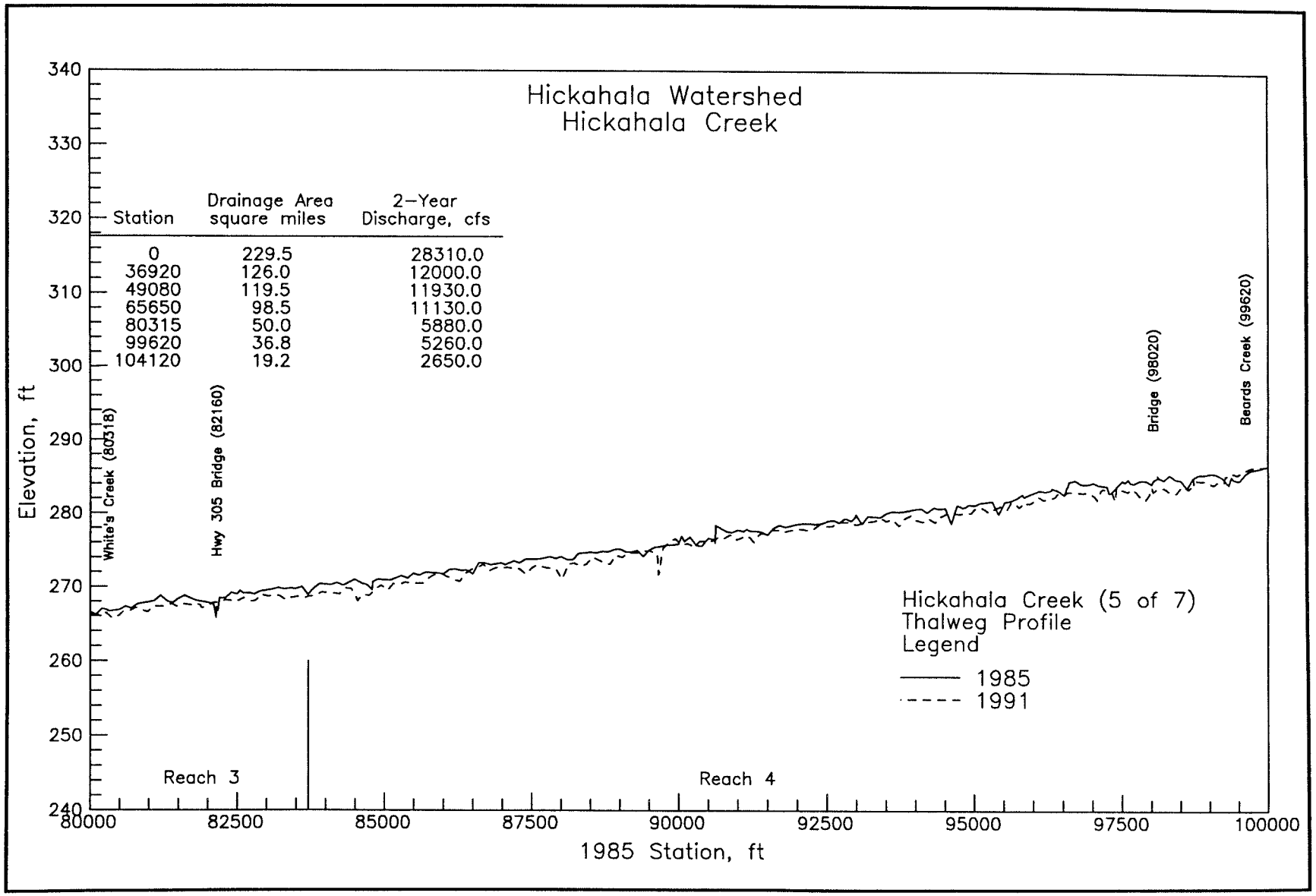

Hickahala Watershed
Hickahala Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 229.5 28310.0
36920 126.0 12000.0
49080 119.5 11930.0
65650 98.5 11130.0
80315 50.0 5880.0
99620 36.8 5260.0
104120 19.2 2650.0
White's Creek (80318)
Hwy 305 Bridge (82160)
Bridge (98020)
Beards Creek (99620)
Reach 3
Reach 4
Hickahala Creek (5 of 7)
Thalweg Profile
Legend
1985
1991
Elevation, ft
1985 Station, ft
340
330
320
310
300
290
280
270
260
250
240
80000
82500
85000
87500
90000
92500
95000
97500
100000

PLATE A27

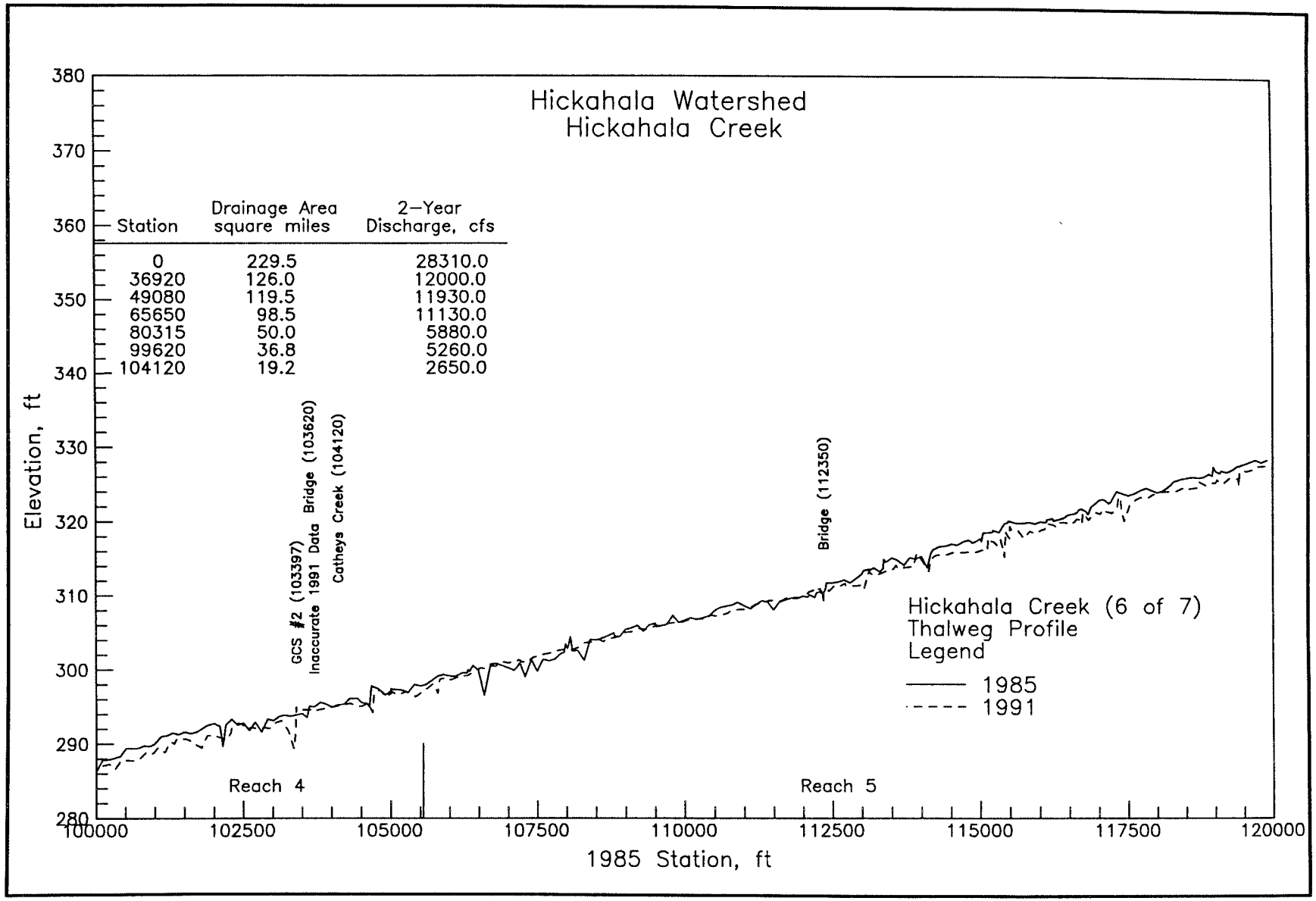

Hickahala Watershed
Hickahala Creek
Station | Drainage Area square miles | 2-Year Discharge, cfs
0 | 229.5 | 28310.0
36920 | 126.0 | 12000.0
49080 | 119.5 | 11930.0
65650 | 98.5 | 11130.0
80315 | 50.0 | 5880.0
99620 | 36.8 | 5260.0
104120 | 19.2 | 2650.0
GCS #2 (103397)
Inaccurate 1991 Data
Bridge (103620)
Catheys Creek (104120)
Bridge (112350)
Hickahala Creek (6 of 7)
Thalweg Profile
Legend
1985
1991
Reach 4
Reach 5
Elevation, ft
1985 Station, ft
380
370
360
350
340
330
320
310
300
290
280
100000
102500
105000
107500
110000
112500
115000
117500
120000

PLATE A28

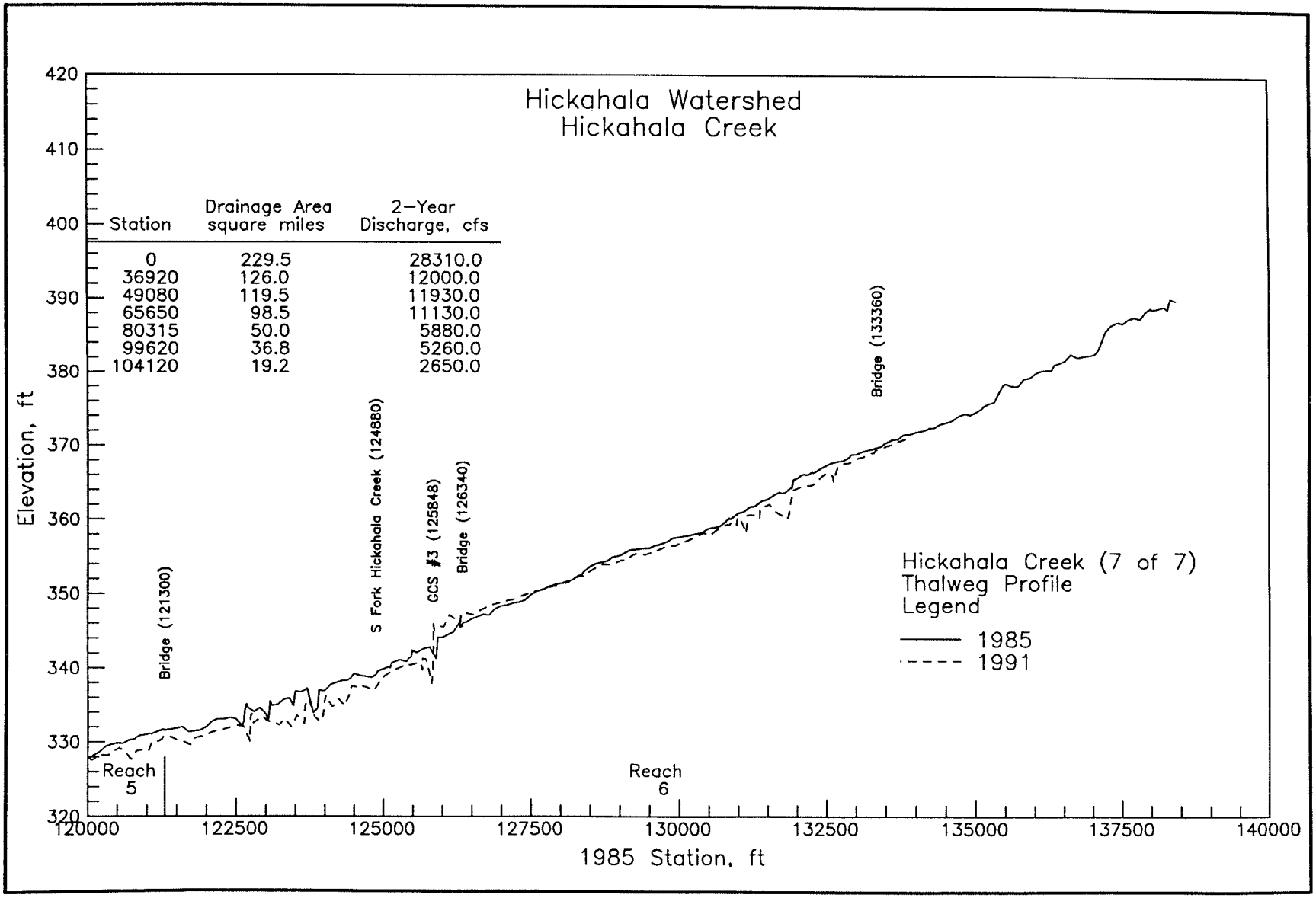
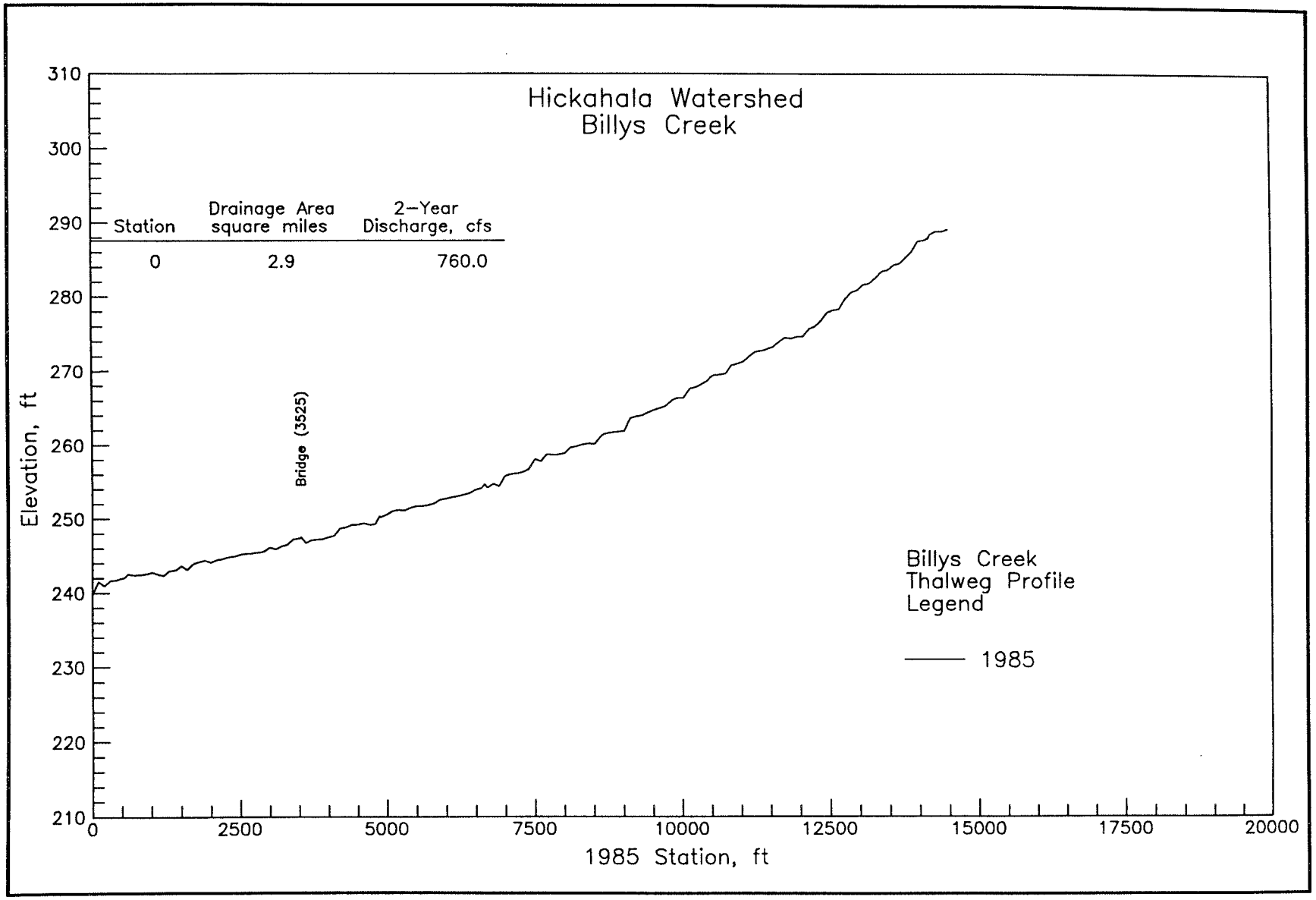

Hickahala Watershed
Hickahala Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 229.5 28310.0
36920 126.0 12000.0
49080 119.5 11930.0
65650 98.5 11130.0
80315 50.0 5880.0
99620 36.8 5260.0
104120 19.2 2650.0
Bridge (121300)
S Fork Hickahala Creek (124880)
GCS #3 (125848)
Bridge (126340)
Bridge (133360)
Reach 5
Reach 6
Hickahala Creek (7 of 7)
Thalweg Profile
Legend
1985
1991
Elevation, ft
1985 Station, ft
420
410
400
390
380
370
360
350
340
330
320
120000
122500
125000
127500
130000
132500
135000
137500
140000

PLATE A29

PLATE A30


Hickahala Watershed
Billys Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
2.9
760.0
Bridge (3525)
Billys Creek Thalweg Profile Legend
1985
Elevation, ft
1985 Station, ft
310
300
290
280
270
260
250
240
230
220
210
0
2500
5000
7500
10000
12500
15000
17500
20000

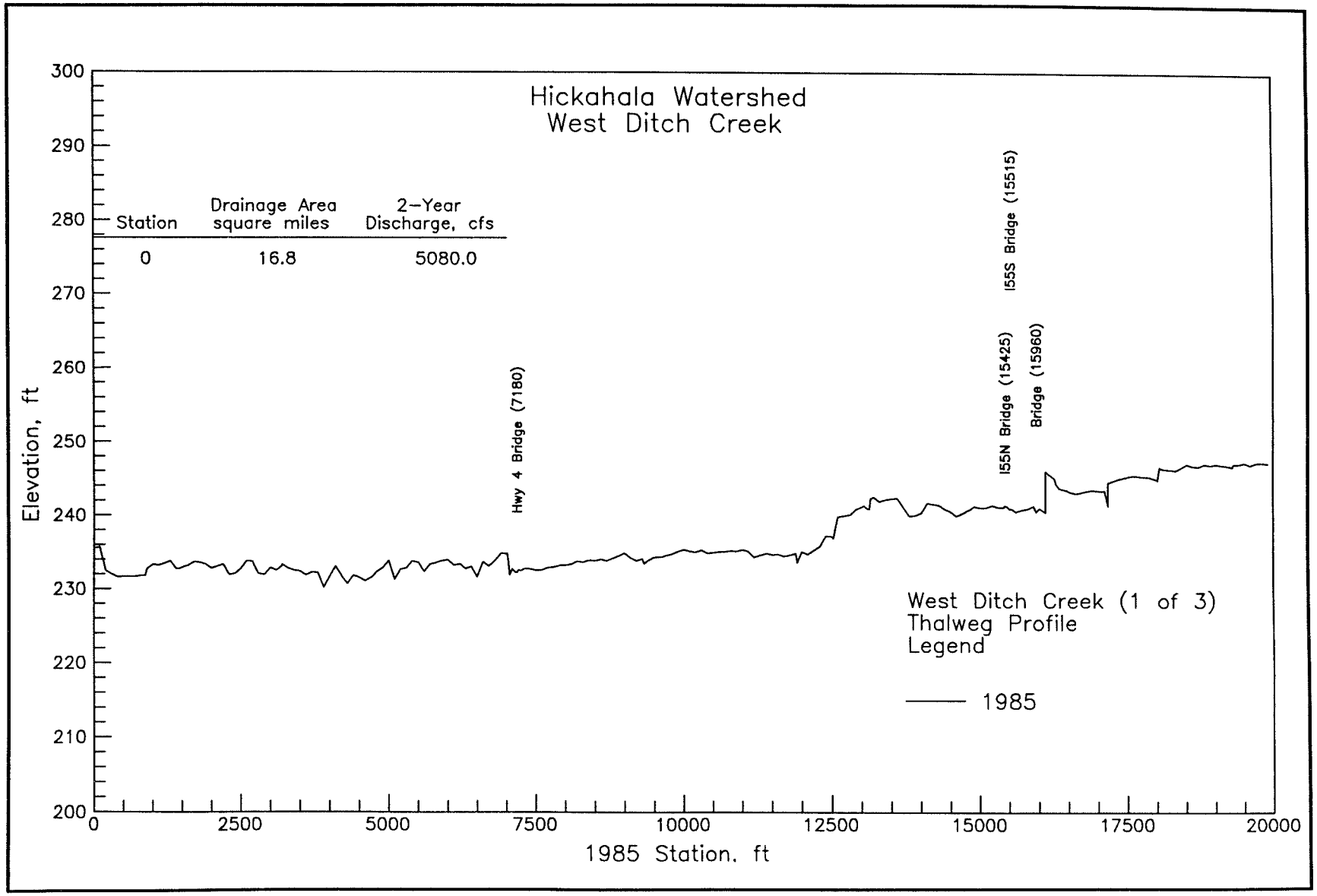

Hickahala Watershed
West Ditch Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
16.8
5080.0
Hwy 4 Bridge (7180)
I55N Bridge (15425)
I55S Bridge (15515)
Bridge (15960)
West Ditch Creek (1 of 3)
Thalweg Profile
Legend
1985
Elevation, ft
1985 Station, ft
300
290
280
270
260
250
240
230
220
210
200
0
2500
5000
7500
10000
12500
15000
17500
20000

PLATE A31

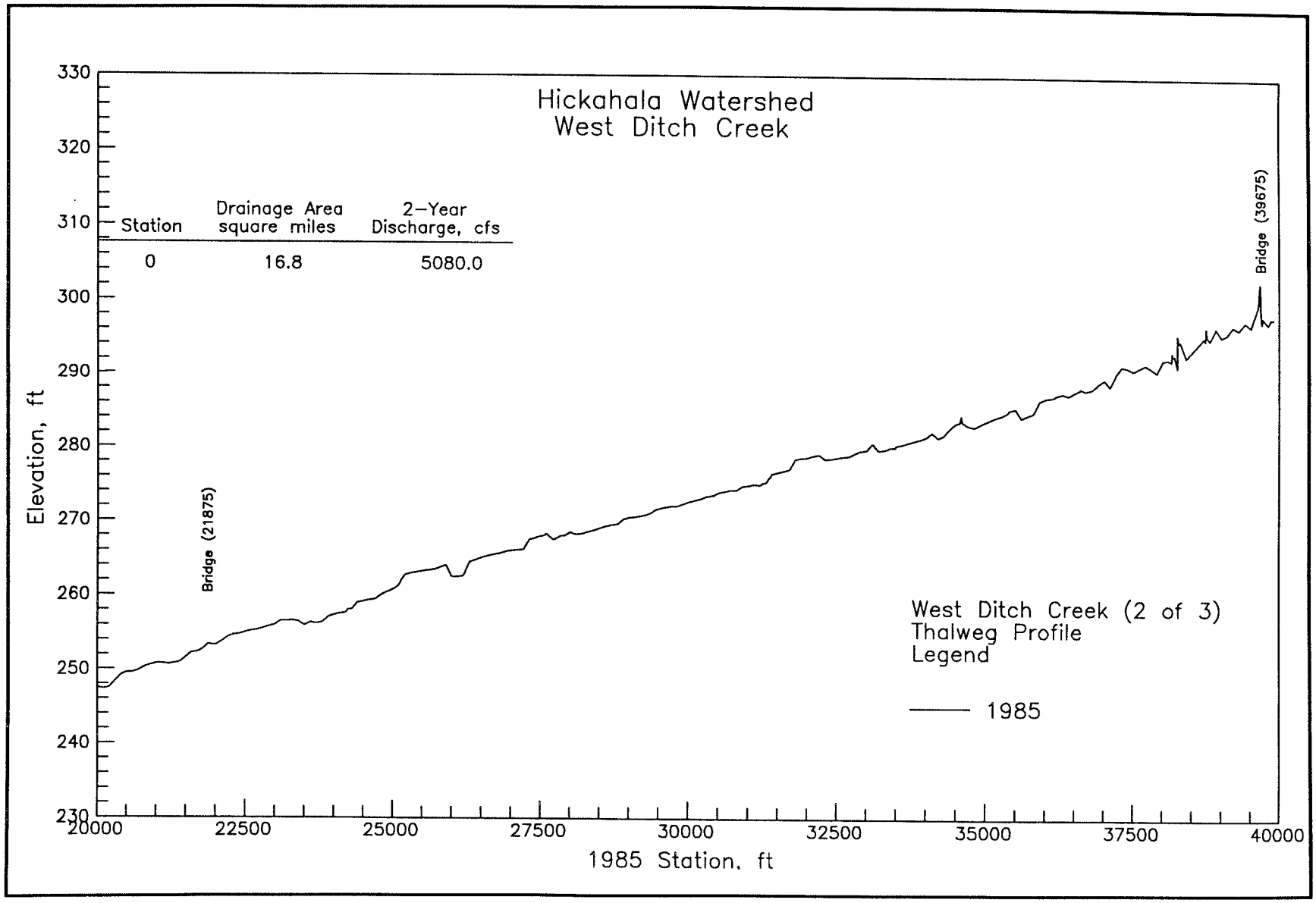

Hickahala Watershed
West Ditch Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
16.8
5080.0
Bridge (21875)
Bridge (39675)
West Ditch Creek (2 of 3)
Thalweg Profile
Legend
1985
Elevation, ft
330
320
310
300
290
280
270
260
250
240
230
20000
22500
25000
27500
30000
32500
35000
37500
40000
1985 Station, ft

PLATE A32

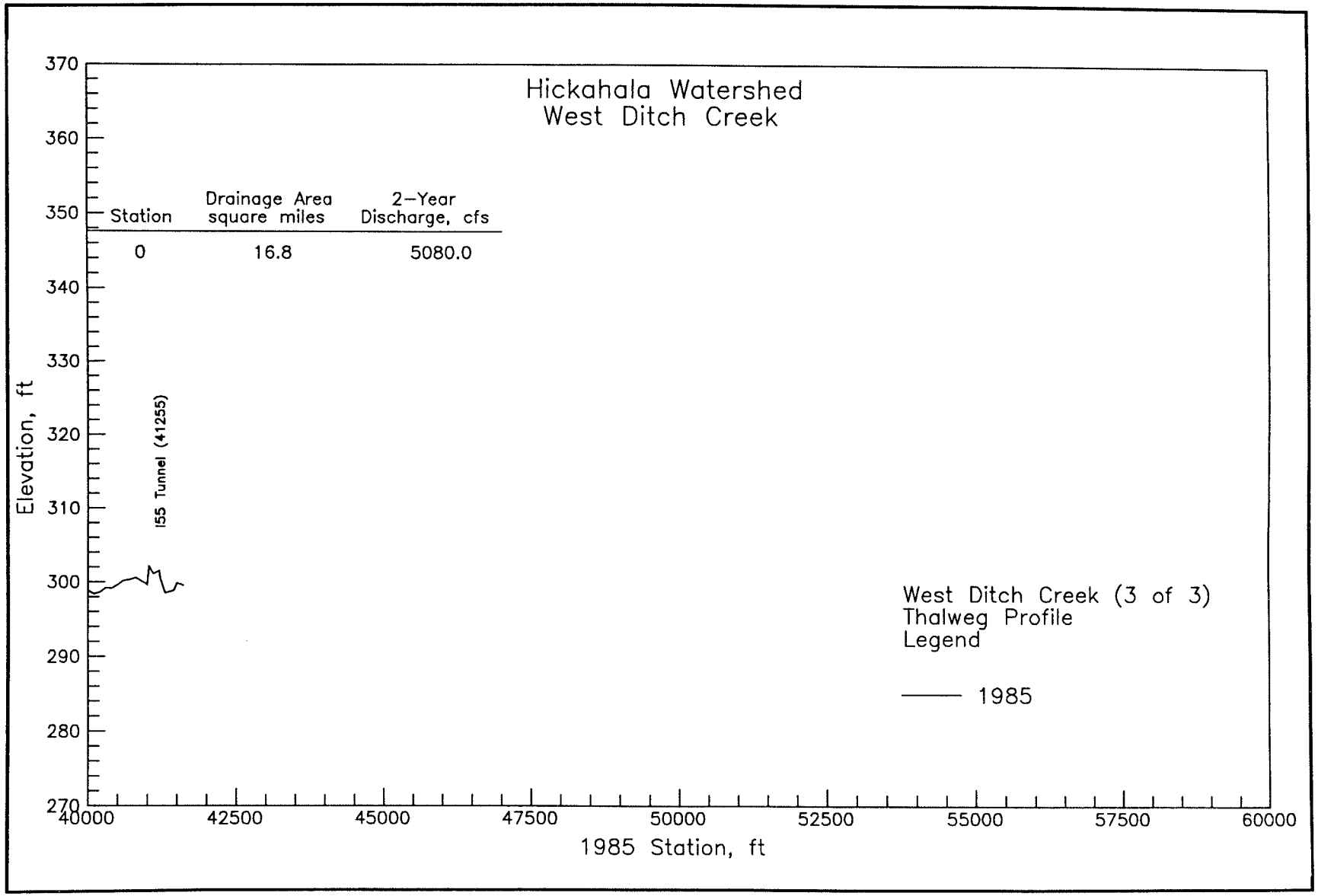

Hickahala Watershed
West Ditch Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
16.8
5080.0
I55 Tunnel (41255)
West Ditch Creek (3 of 3)
Thalweg Profile
Legend
1985
Elevation, ft
370
360
350
340
330
320
310
300
290
280
270
40000
42500
45000
47500
50000
52500
55000
57500
60000
1985 Station, ft

PLATE A33

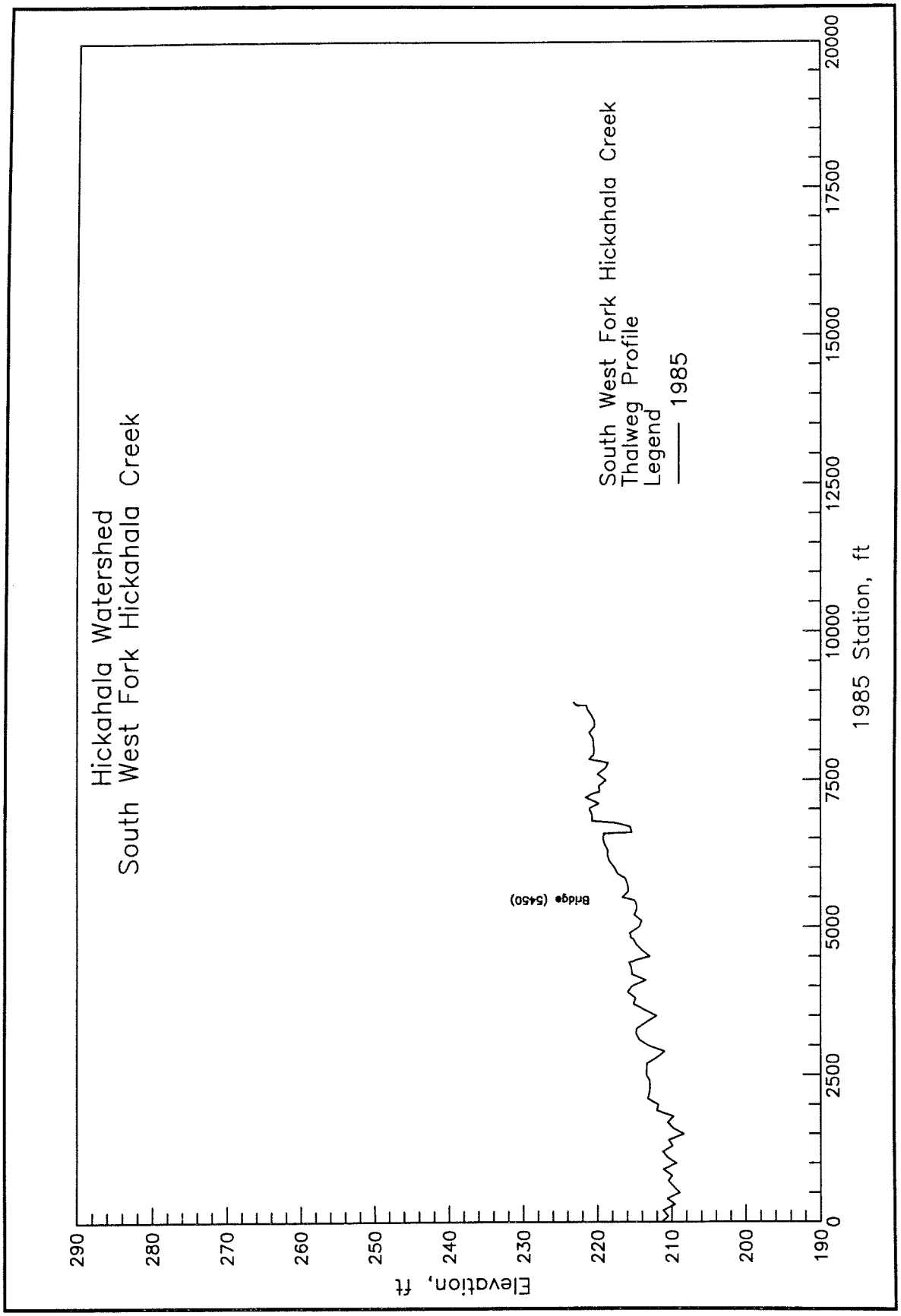

Hickahala Watershed
South West Fork Hickahala Creek
South West Fork Hickahala Creek
Thalweg Profile
Legend
1985
Bridge (5450)
Elevation, ft
1985 Station, ft
290
280
270
260
250
240
230
220
210
200
190
0
2500
5000
7500
10000
12500
15000
17500
20000

PLATE A34

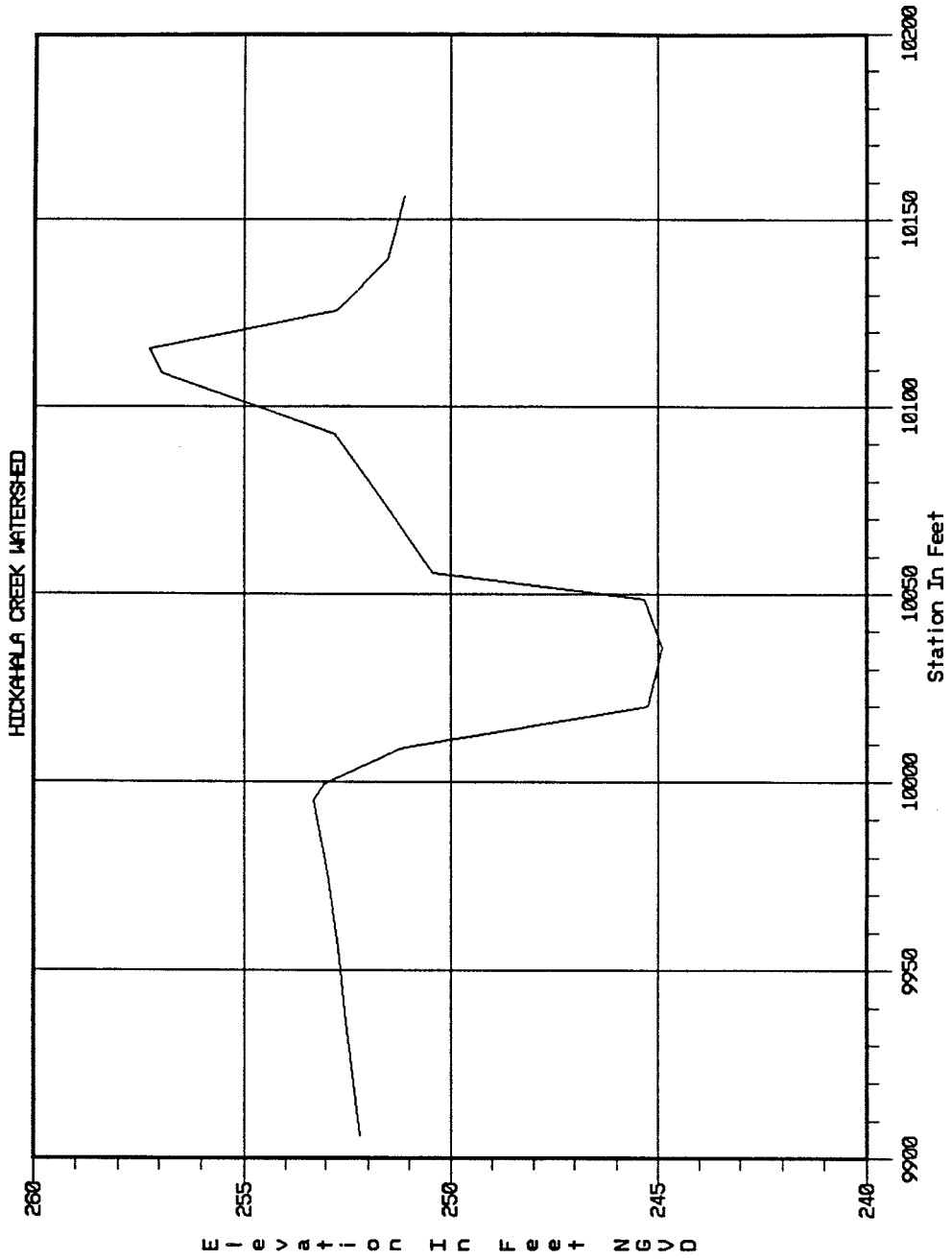

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
260
255
250
245
240
9900
9950
10000
10050
10100
10150
10200
Station In Feet
THORNTON 1991 XSEC 7.64

PLATE A35

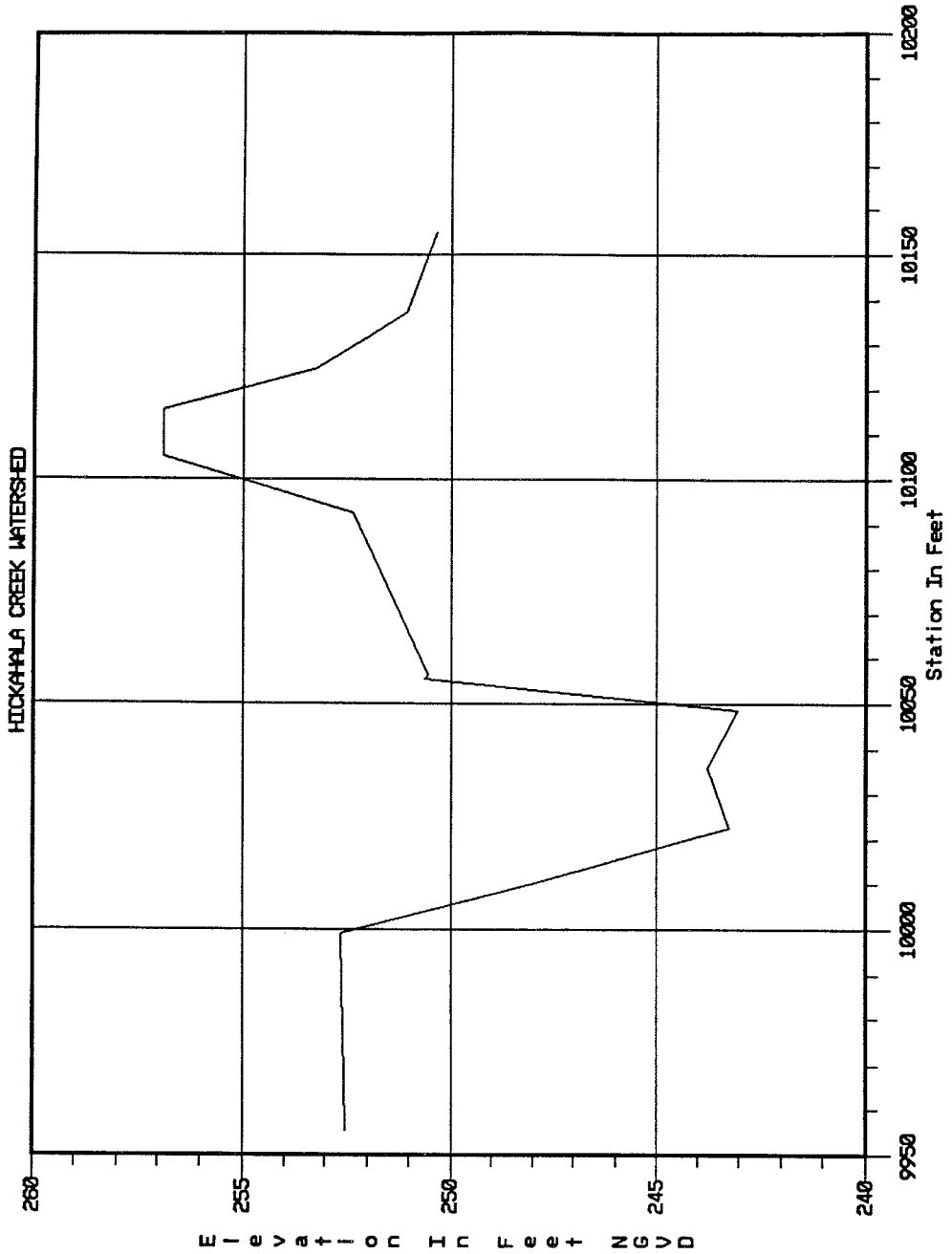
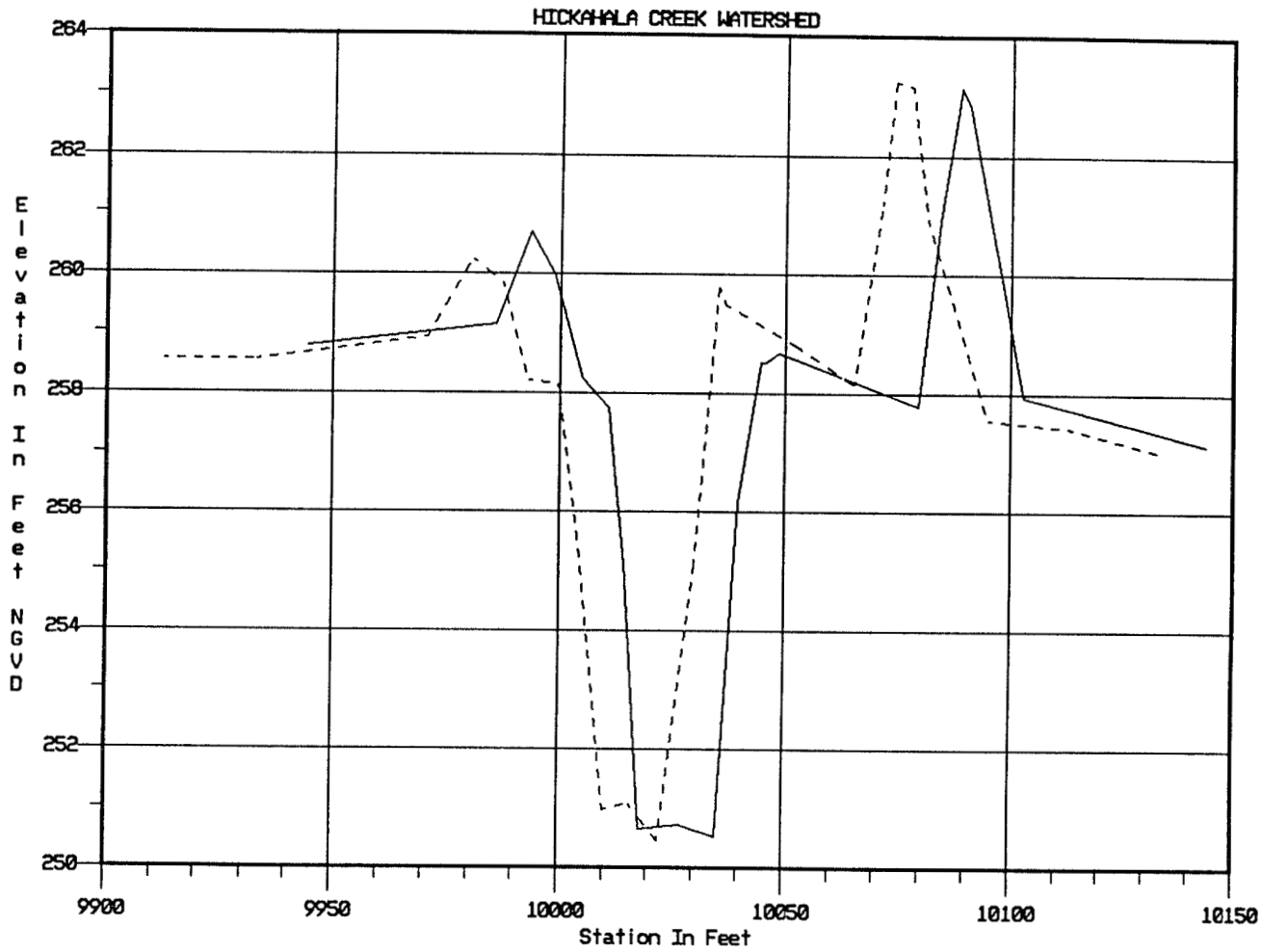

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
260
255
250
245
240
9950
10000
10050
10100
10150
10200
Station In Feet
THORNTON 1985 XSEC 24.5

PLATE A36



THORNTON 1985 XSEC 45.0
THORNTON 1991 XSEC 44.67

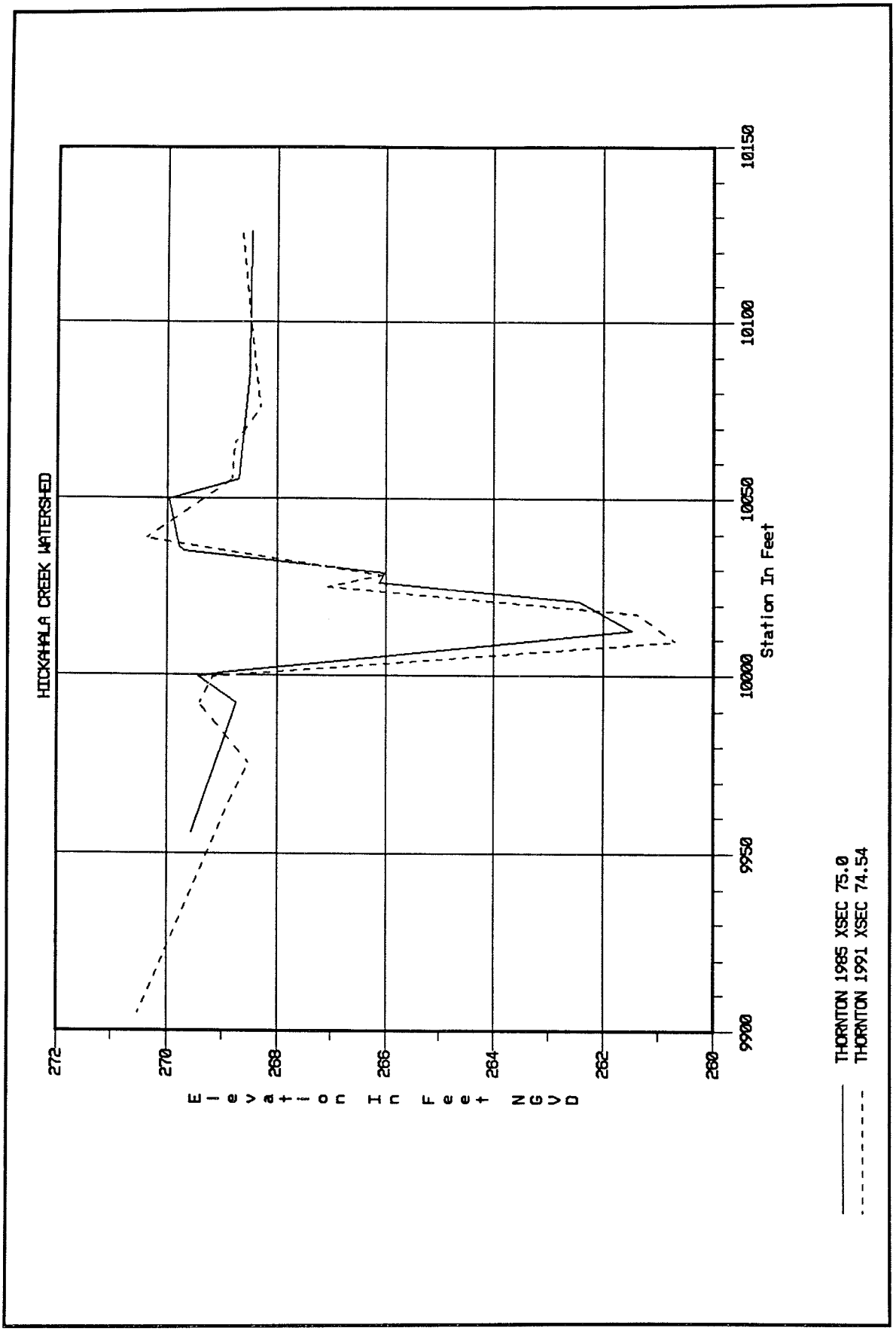
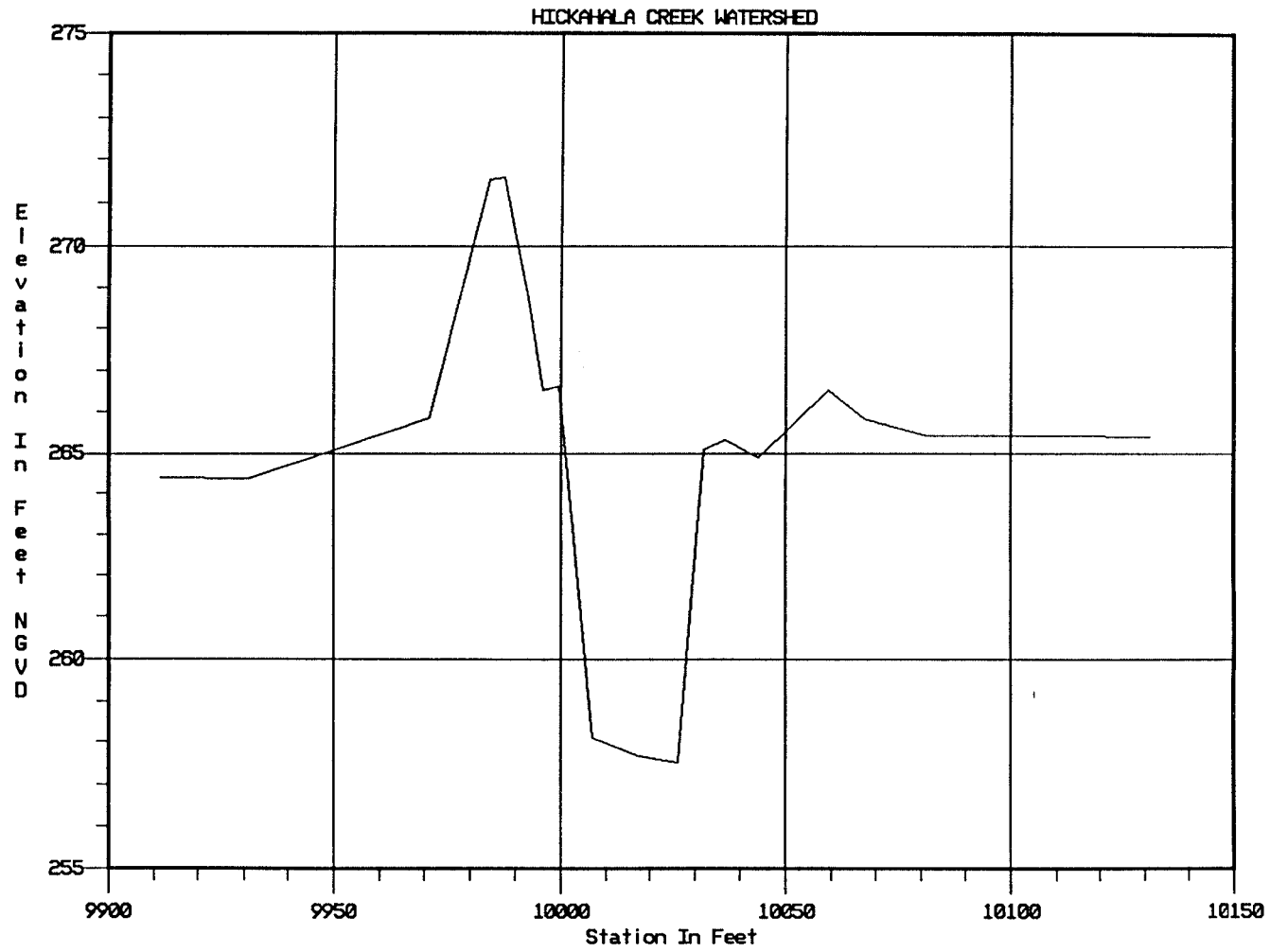

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
272
270
268
266
264
262
260
9900
9950
10000
10050
10100
10150
Station In Feet
THORNTON 1985 XSEC 75.0
THORNTON 1991 XSEC 74.54

PLATE A38



STEAMMILL 1991 XSEC 14.26

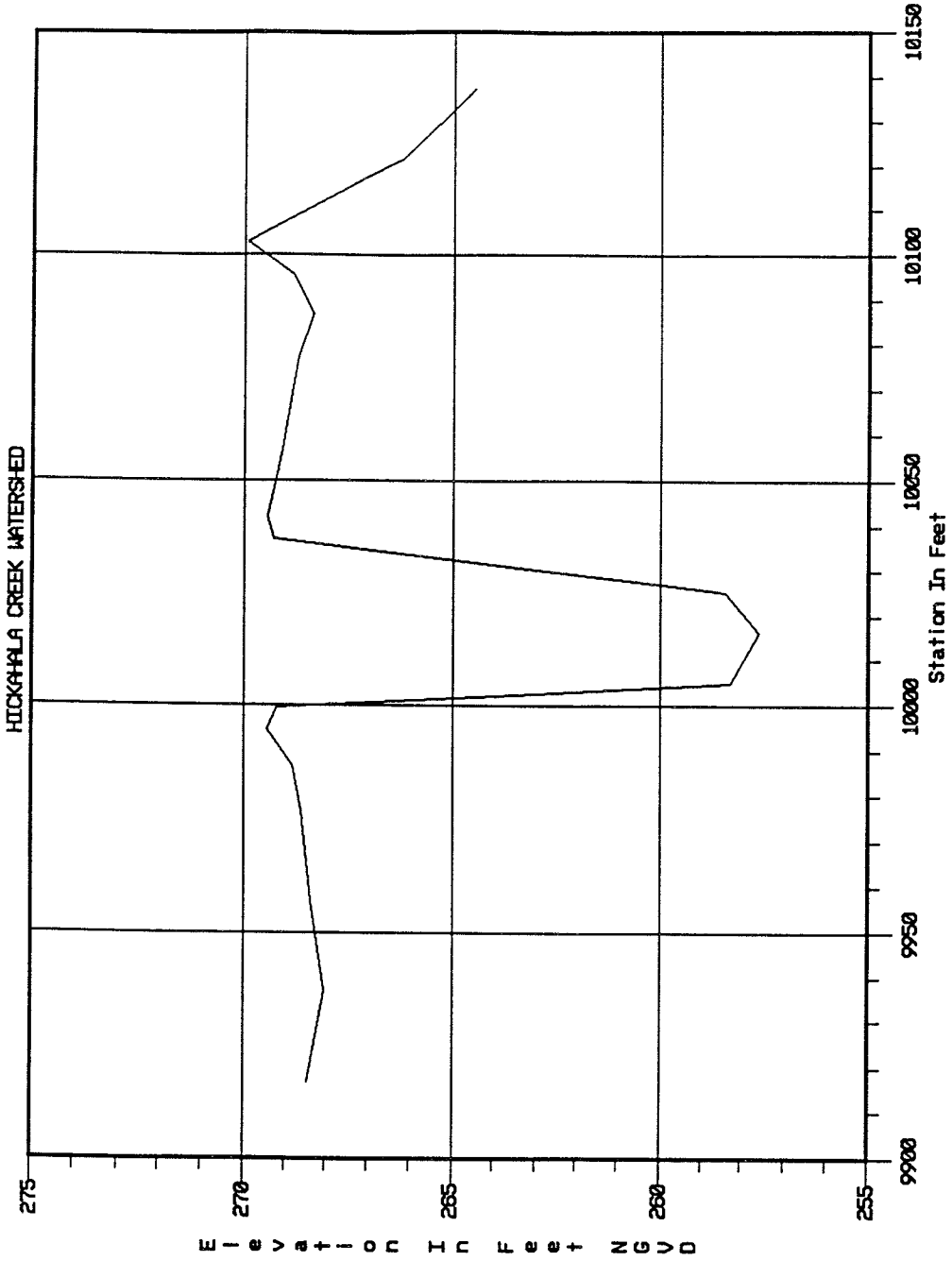
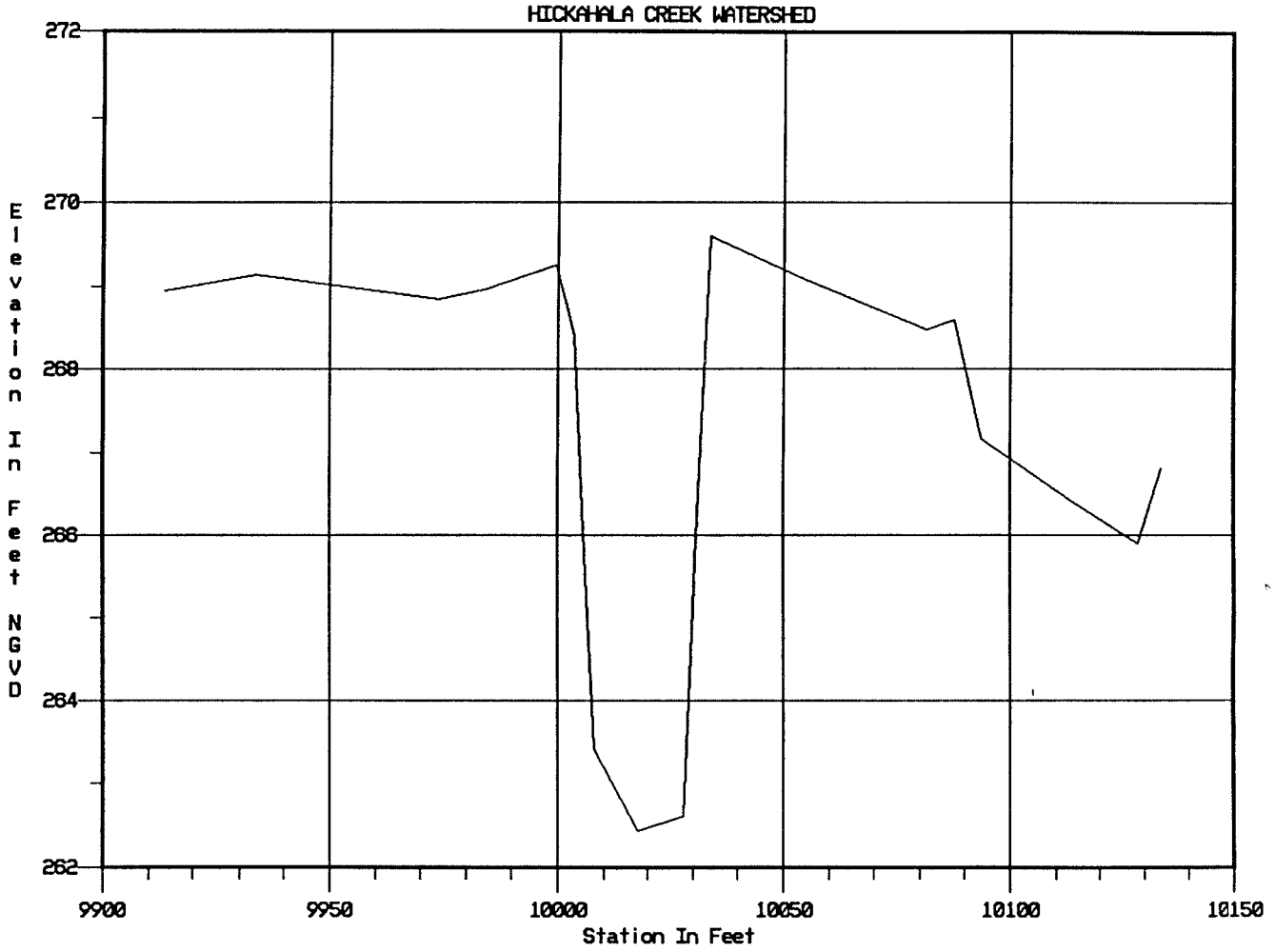

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
275
270
265
260
255
9900
9950
10000
10050
10100
10150
Station In Feet
STEAMMILL 1991 XSEC 24.12

PLATE A40



STEAMMILL 1991 XSEC 25.33

PLATE A41

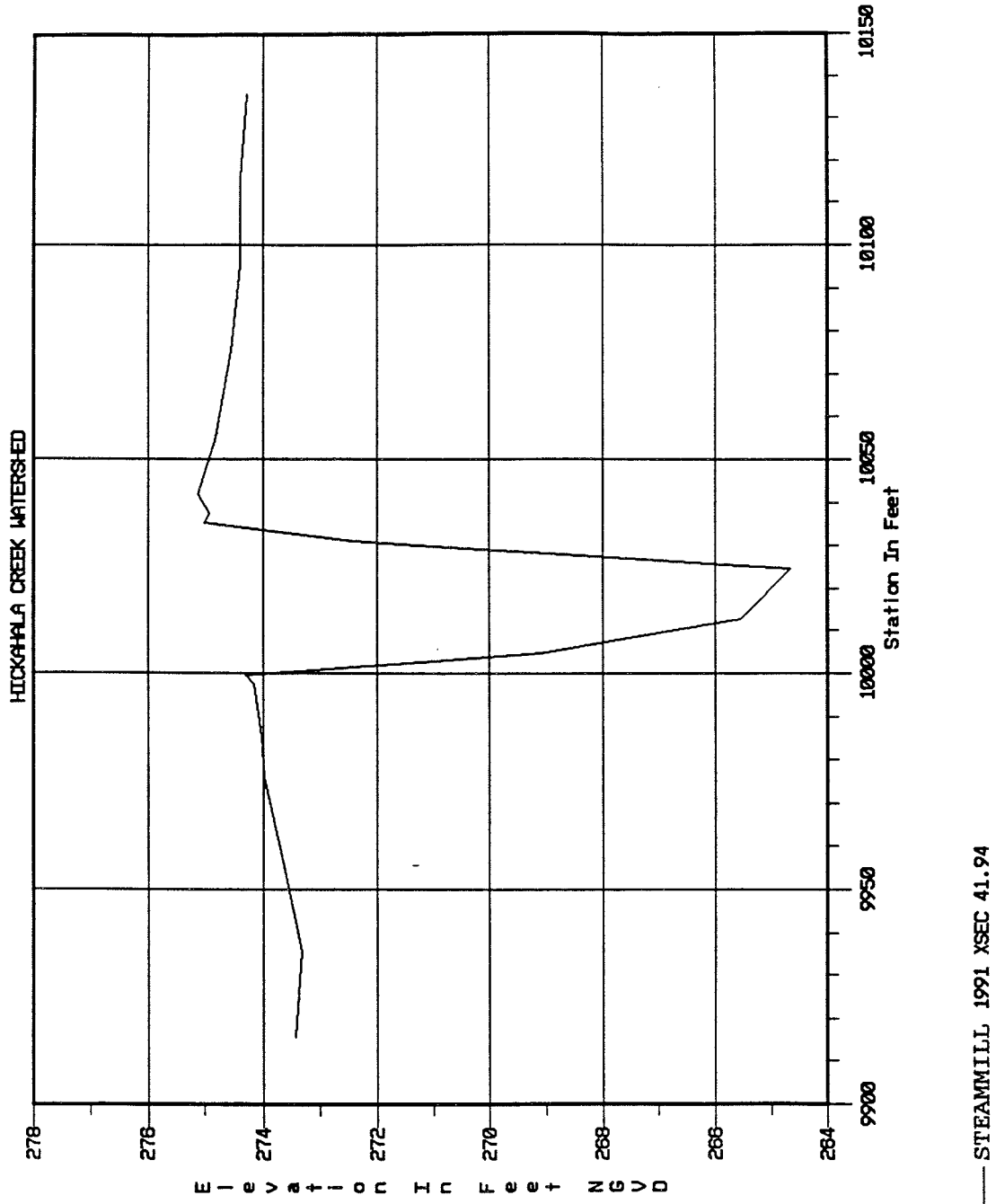
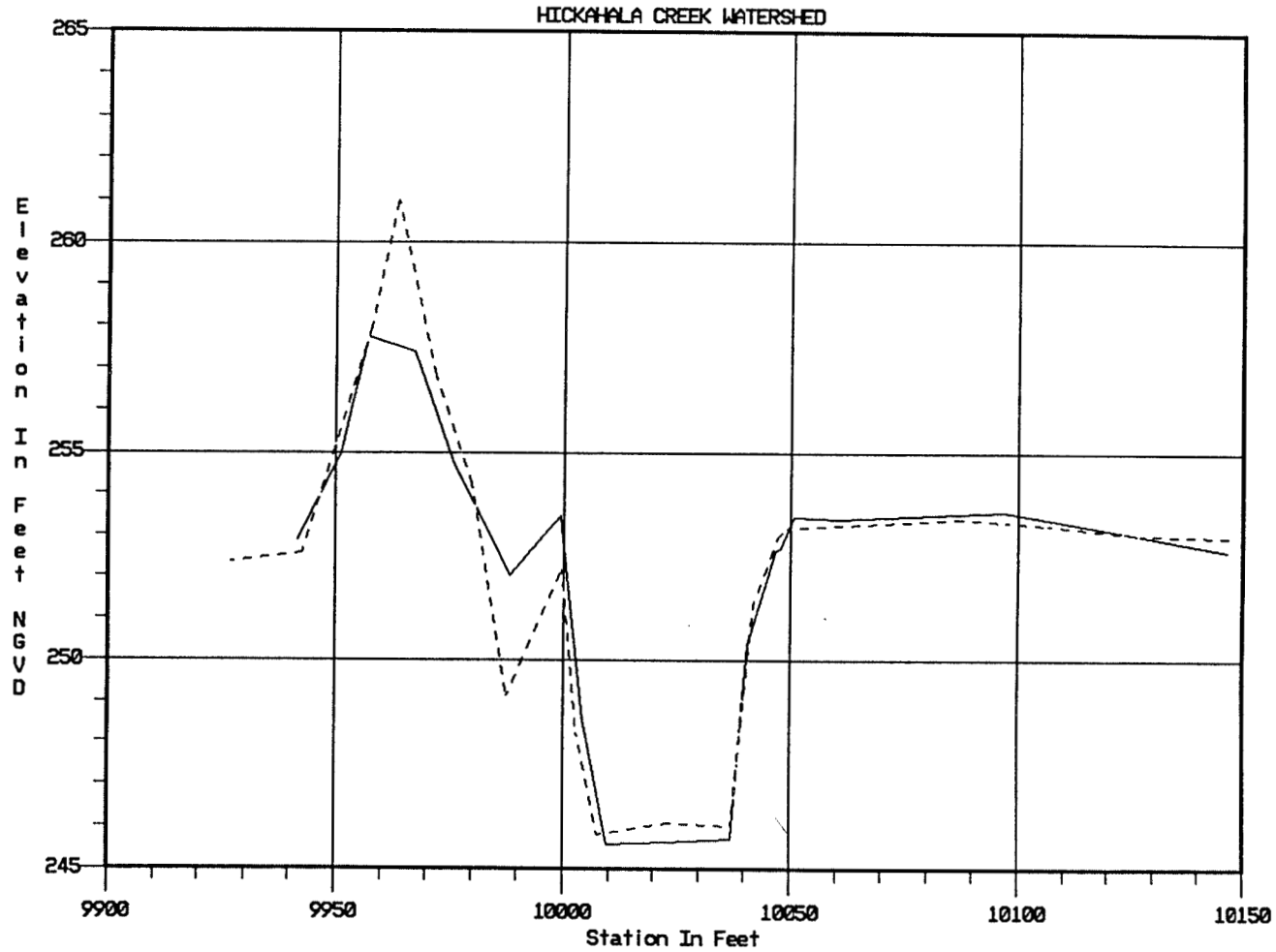

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
278
276
274
272
270
268
266
264
9900
9950
10000
10050
10100
10150
Station In Feet
STEAMMILL 1991 XSEC 41.94

PLATE A42



BASKET 1985 XSEC 14.0
BASKET 1991 XSEC 14.10

PLATE A43

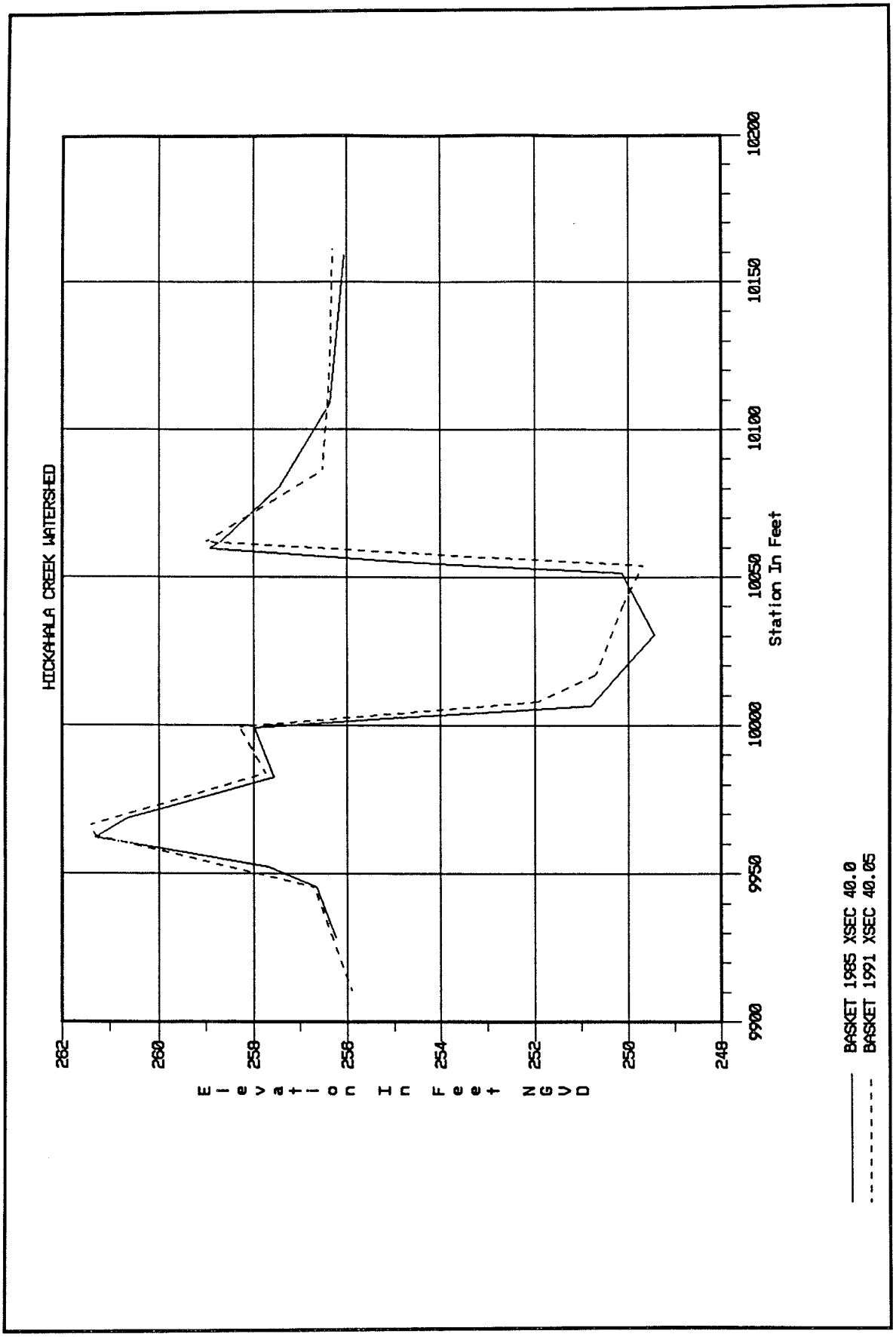
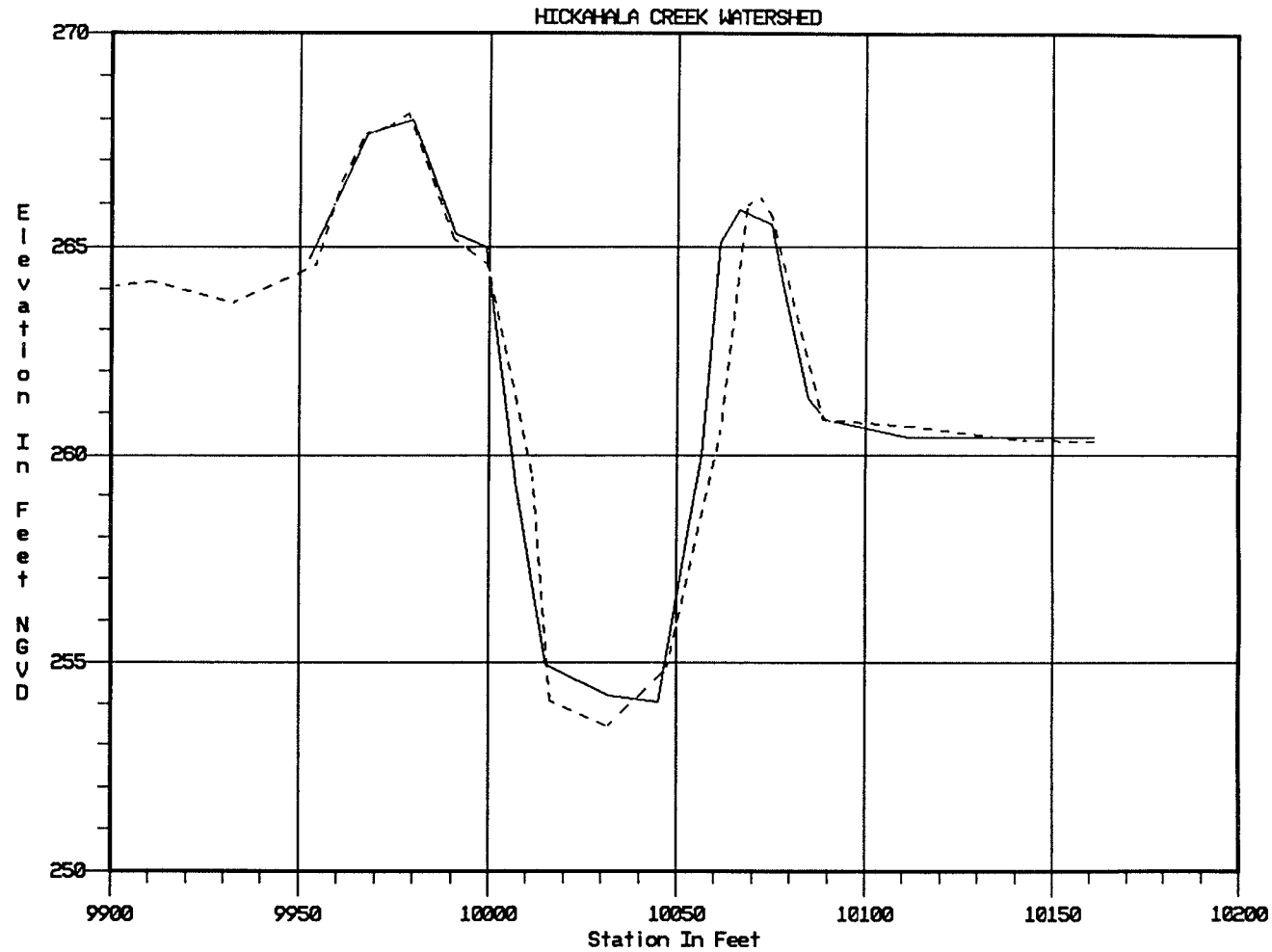

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
262
260
258
256
254
252
250
248
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BASKET 1985 XSEC 40.0
BASKET 1991 XSEC 40.05

PLATE A44



BASKET 1985 XSEC 71.6
BASKET 1991 XSEC 71.31

PLATE A45

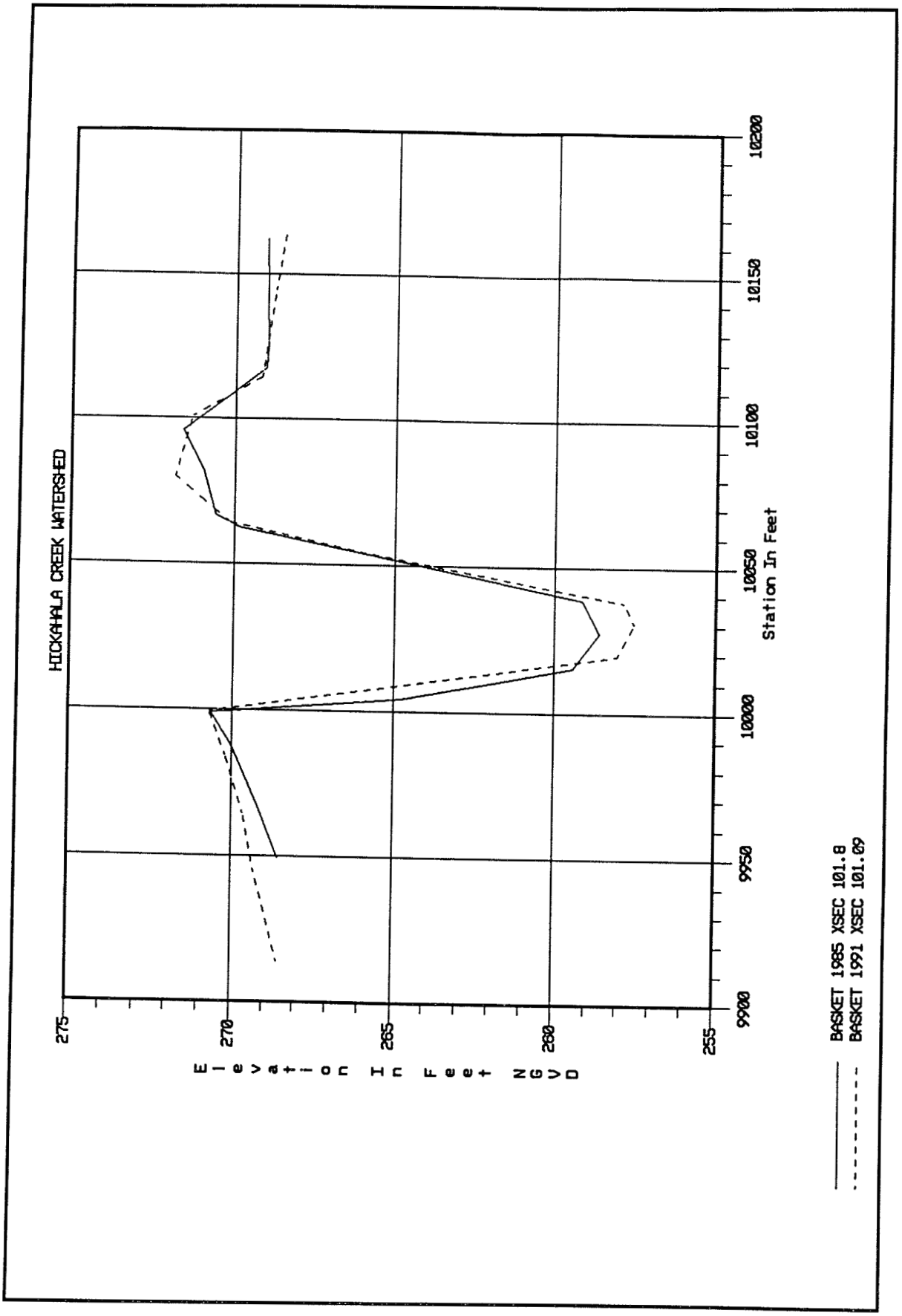

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
275
270
265
260
255
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BASKET 1985 XSEC 101.8
BASKET 1991 XSEC 101.09

PLATE A46

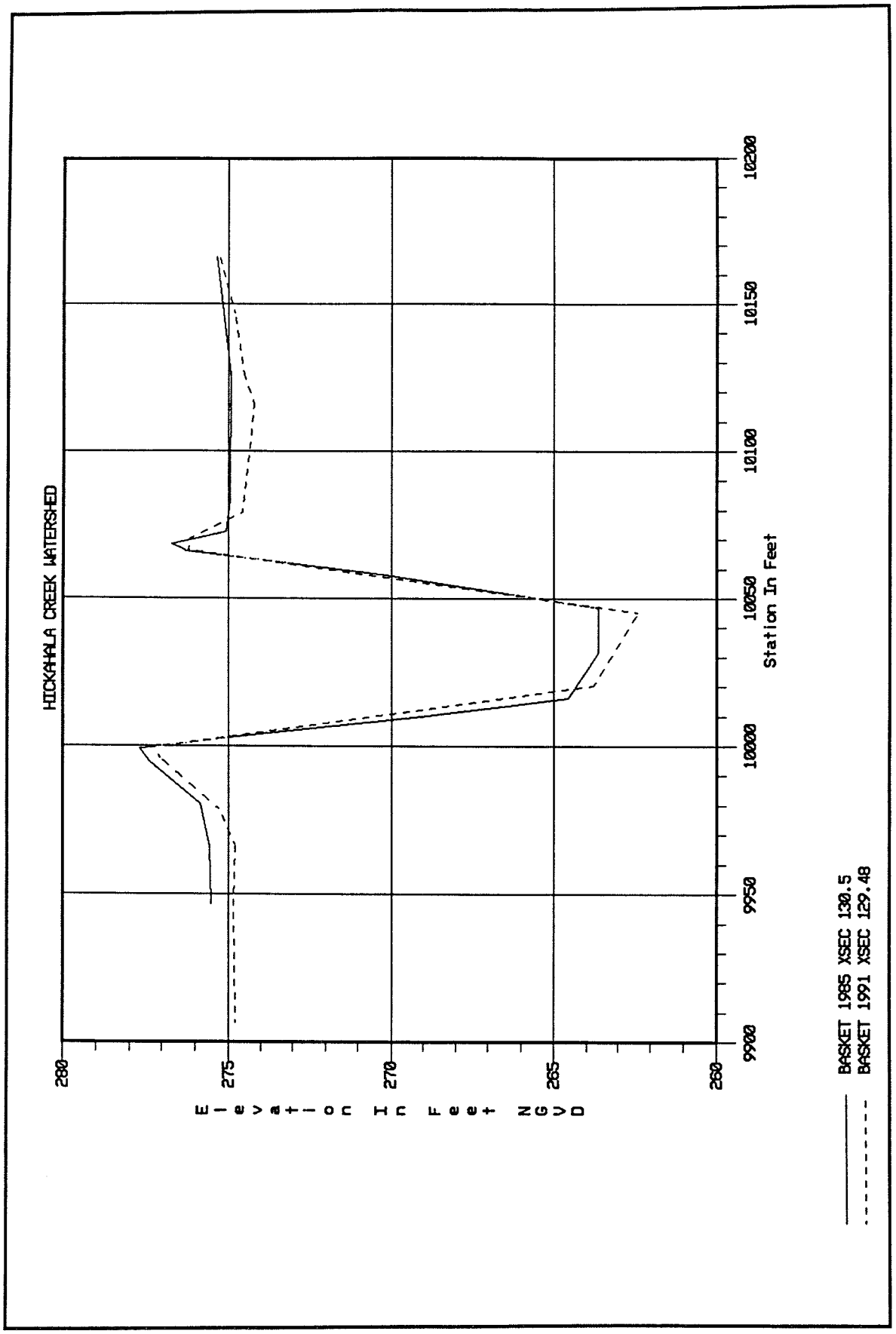

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
280
275
270
265
260
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BASKET 1985 XSEC 130.5
BASKET 1991 XSEC 129.48

PLATE A47

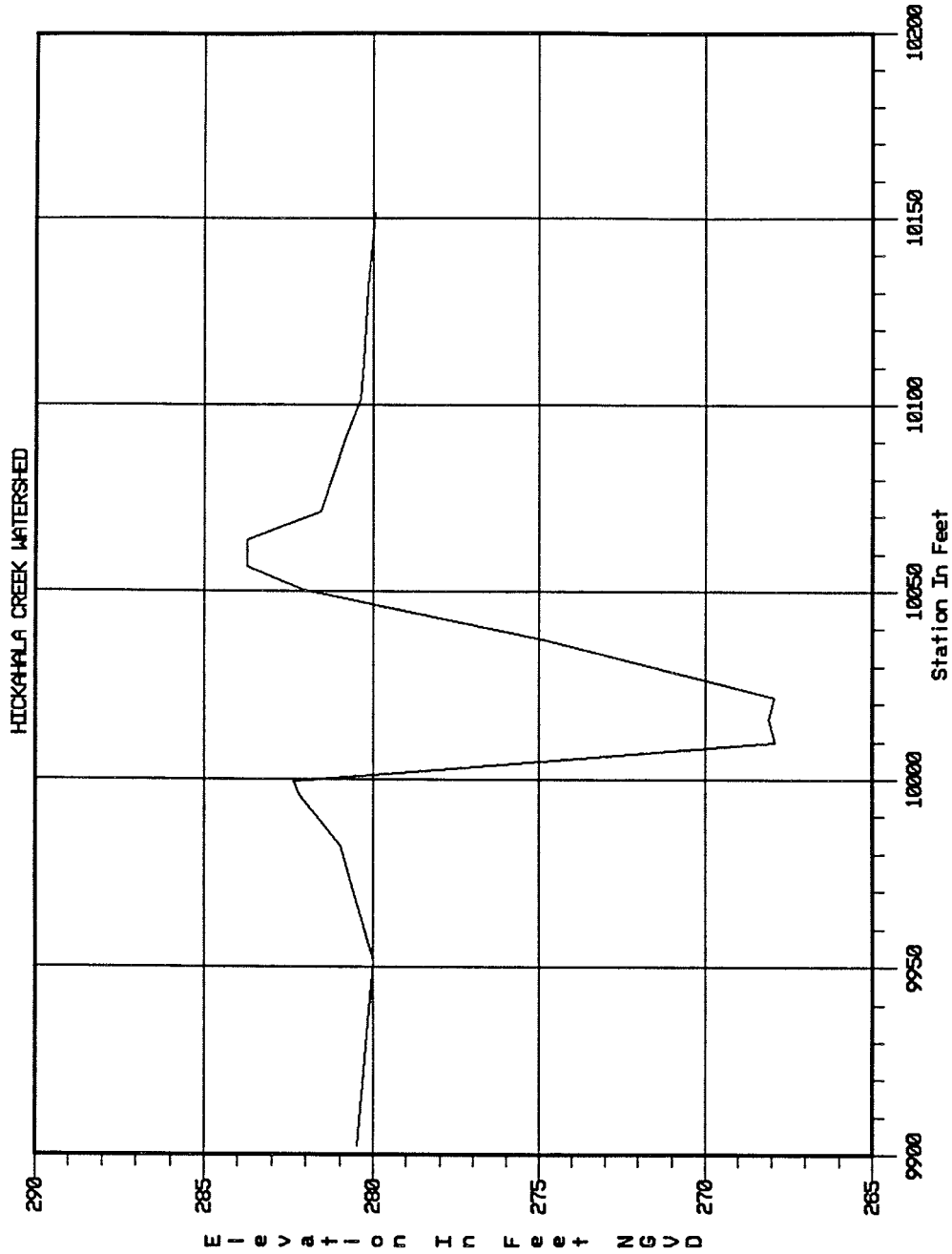

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
290
285
280
275
270
265
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BASKET 1991 XSEC 157.00

PLATE A48

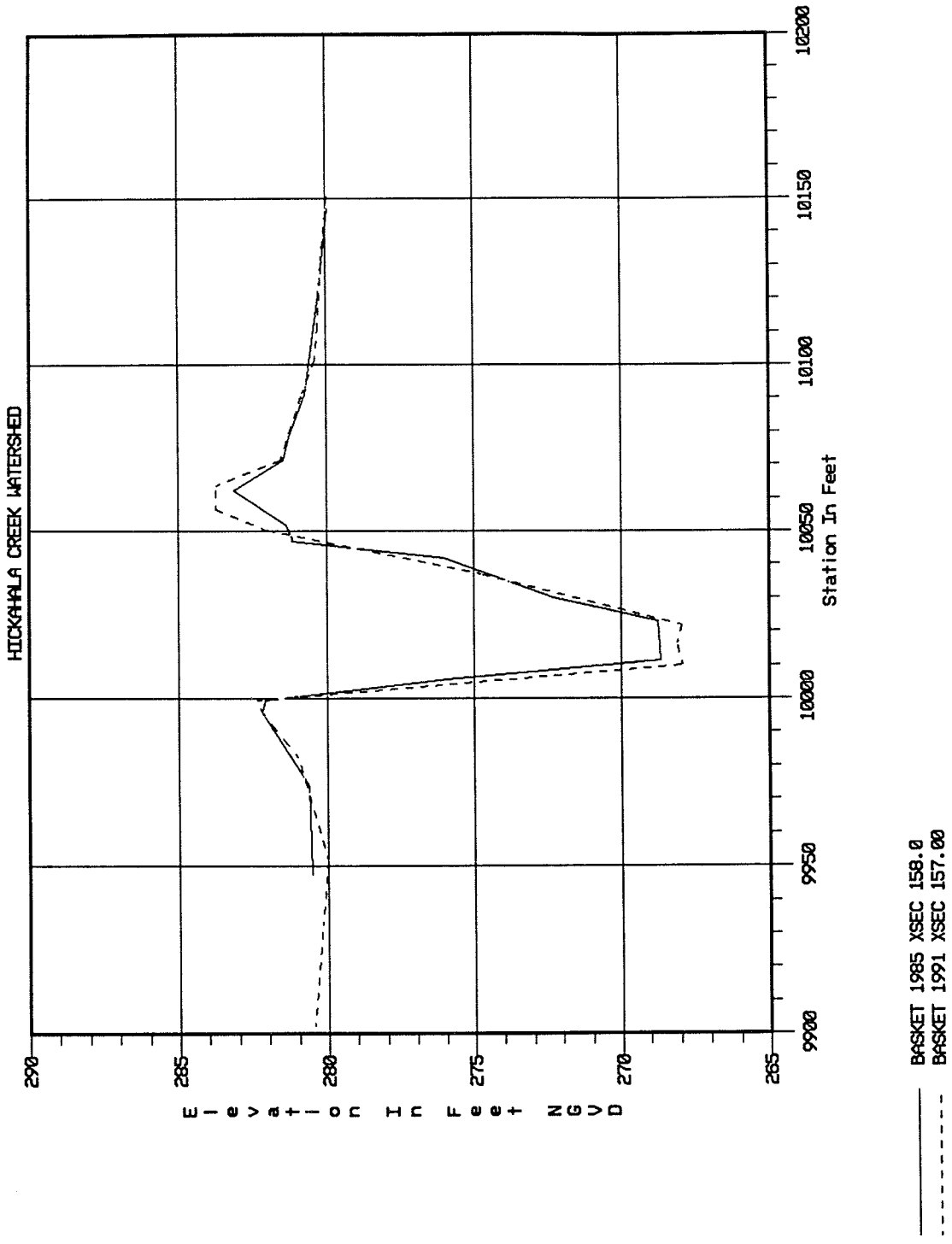

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
290
285
280
275
270
265
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BASKET 1985 XSEC 158.0
BASKET 1991 XSEC 157.00

PLATE A49

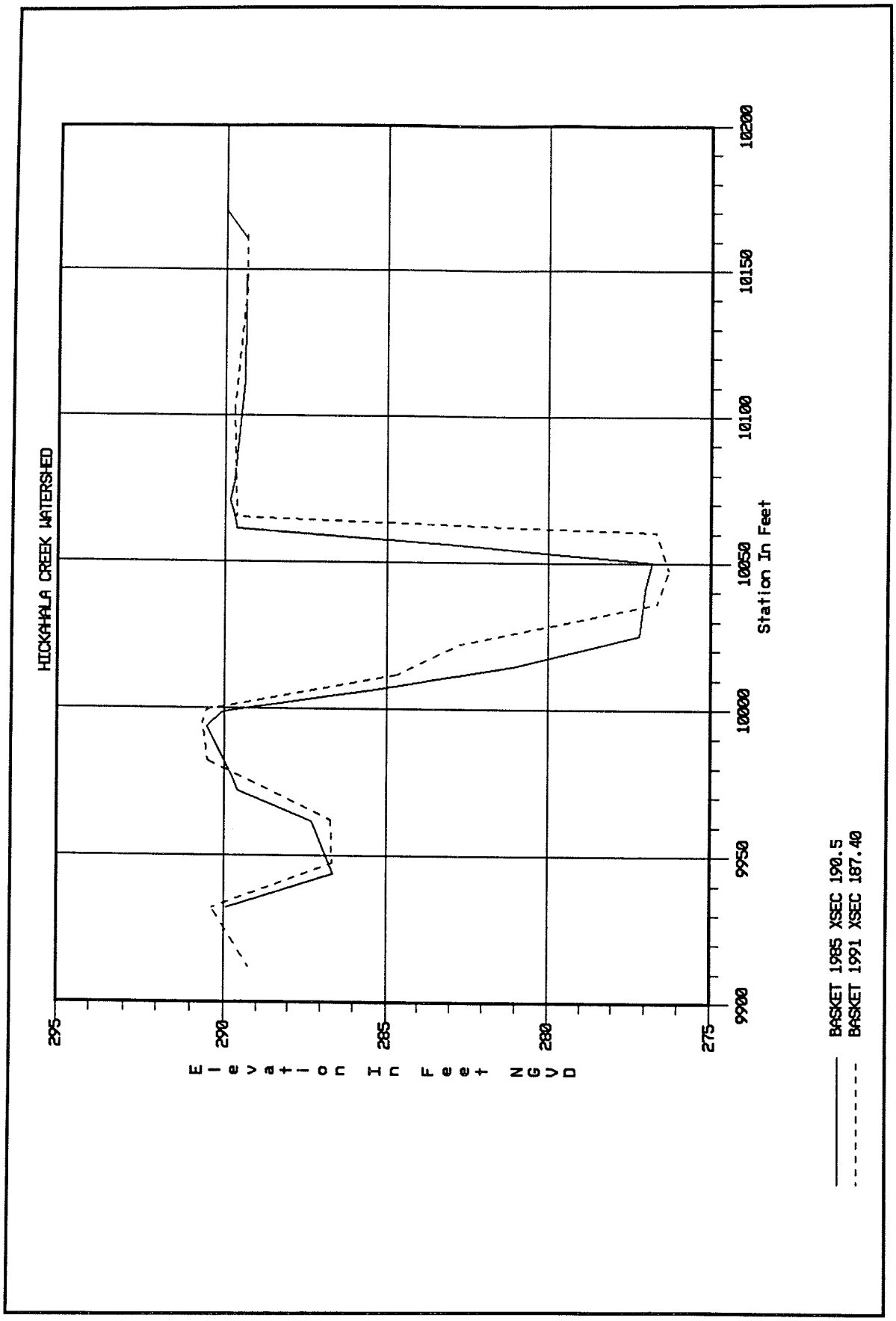
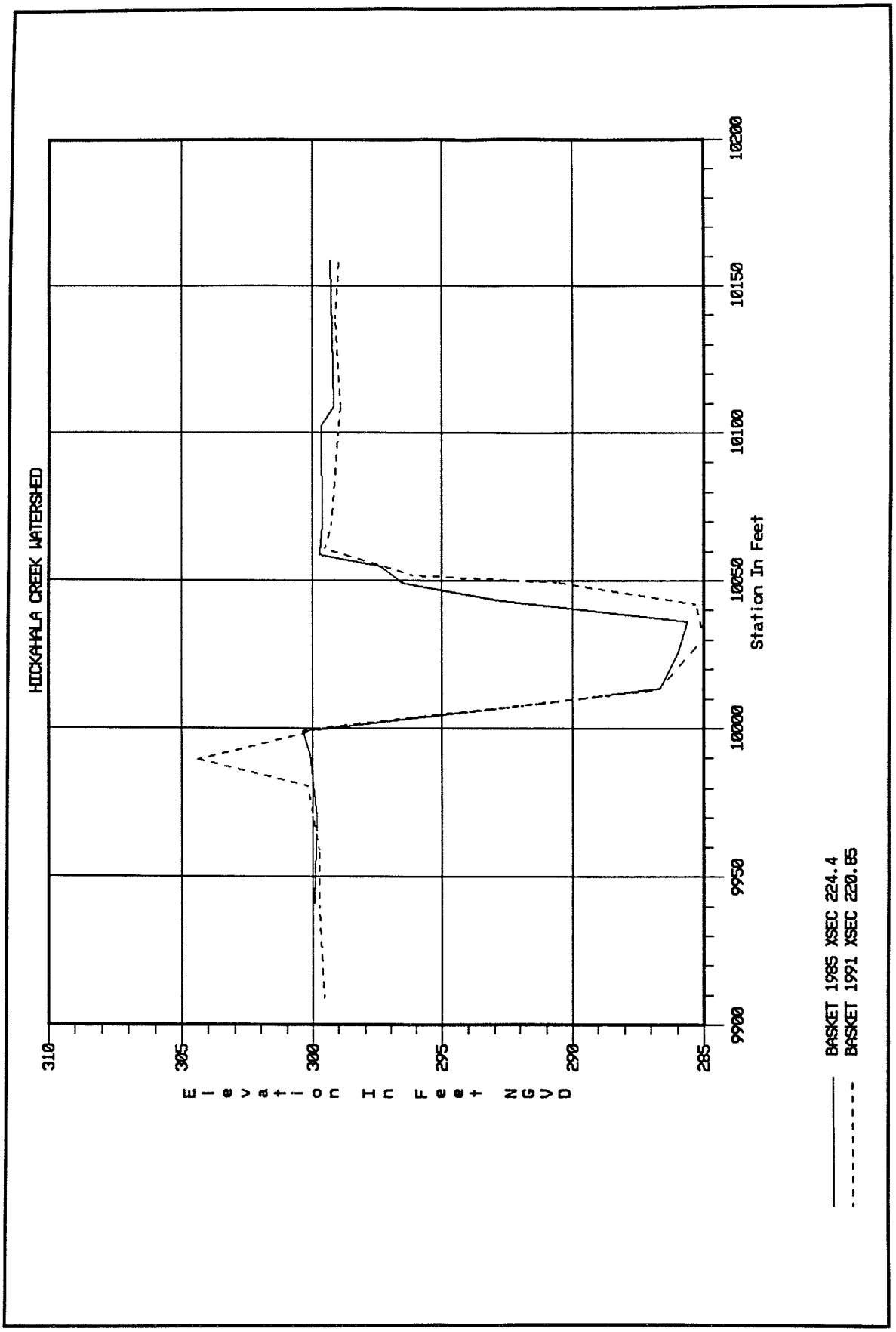

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
295
290
285
280
275
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BASKET 1985 XSEC 190.5
BASKET 1991 XSEC 187.40

PLATE A50


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
310
305
300
295
290
285
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BASKET 1985 XSEC 224.4
BASKET 1991 XSEC 220.85

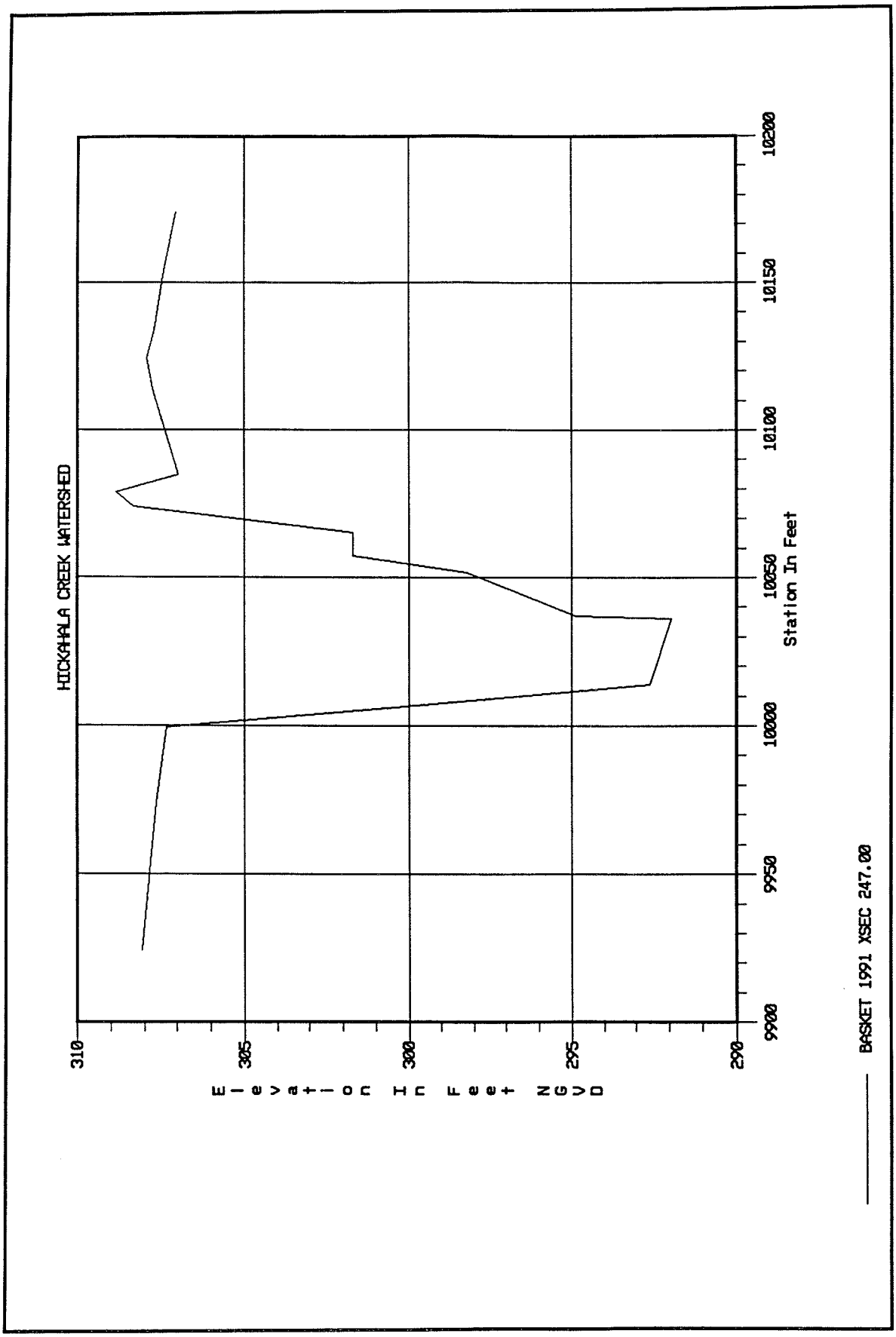
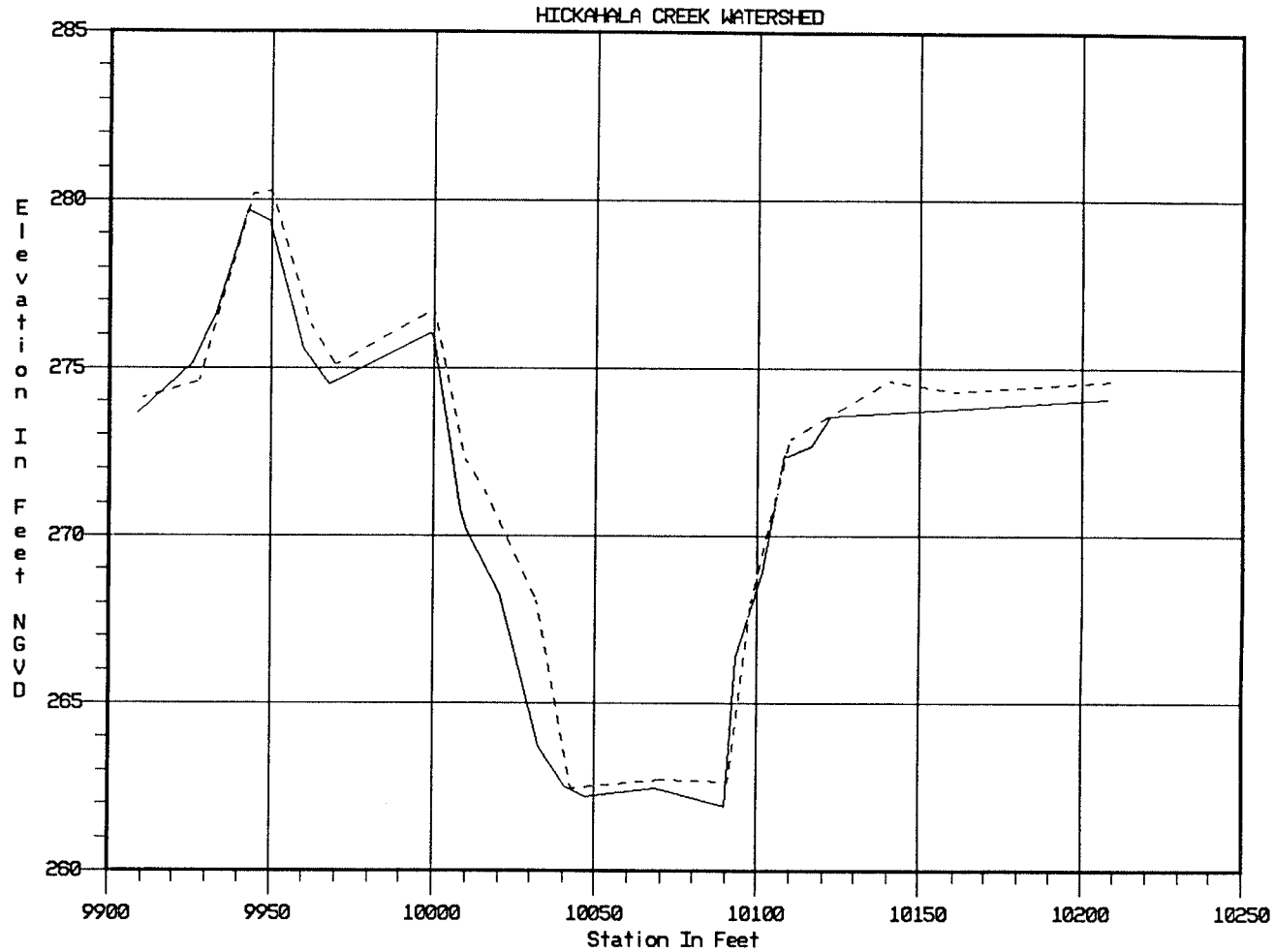

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
310
305
300
295
290
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BASKET 1991 XSEC 247.00

PLATE A52



JAMES WOLF 1985 XSEC 5.5
JAMES WOLF 1991 XSEC 5.94

PLATE A53

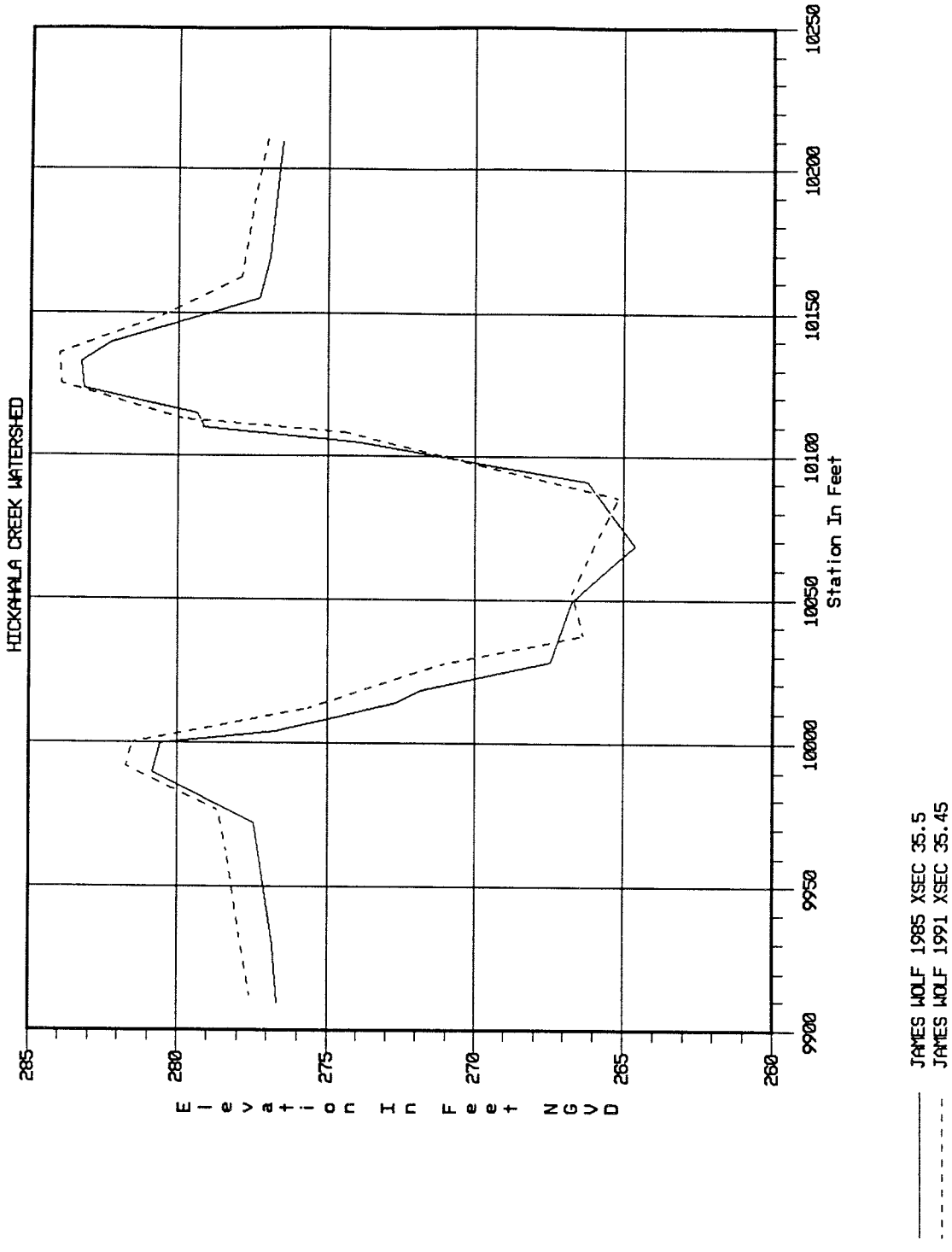
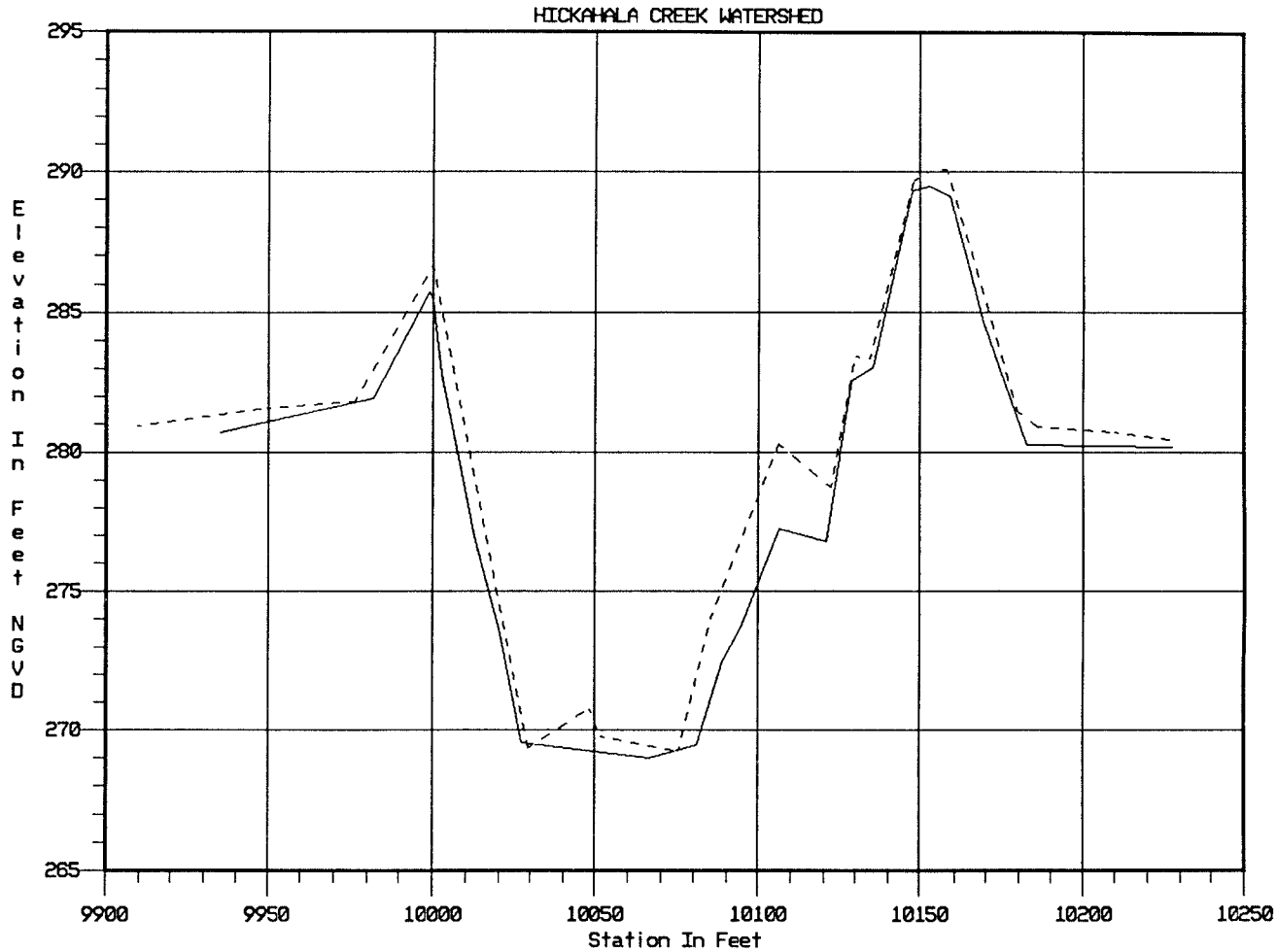
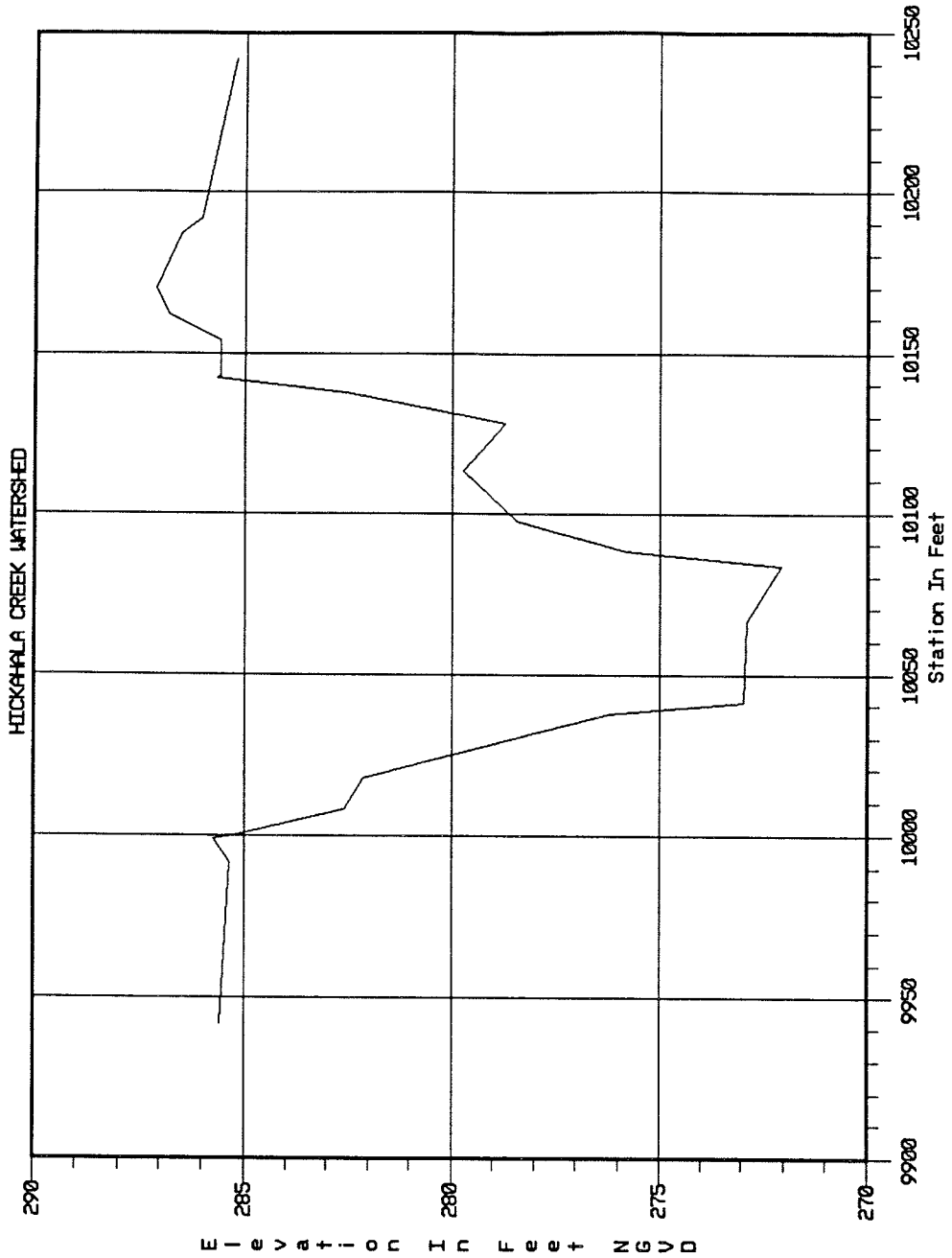

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
285
280
275
270
265
260
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1985 XSEC 35.5
JAMES WOLF 1991 XSEC 35.45

PLATE A54



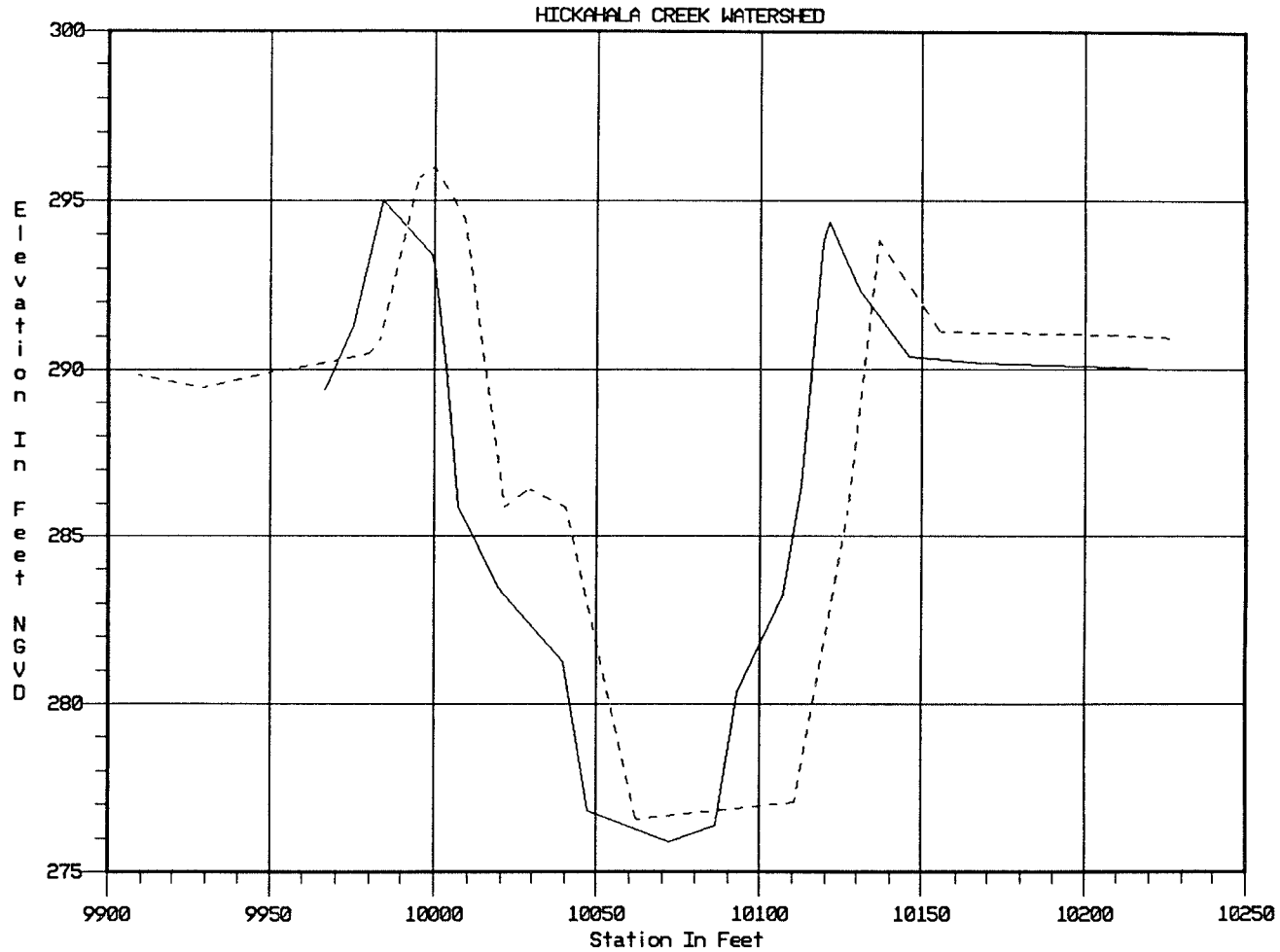
JAMES WOLF 1985 XSEC 65.0
JAMES WOLF 1991 XSEC 64.48

PLATE A55



JAMES WOLF 1985 XSEC 97.0

PLATE A56



JAMES WOLF 1985 XSEC 127.0
JAMES WOLF 1991 XSEC 125.07

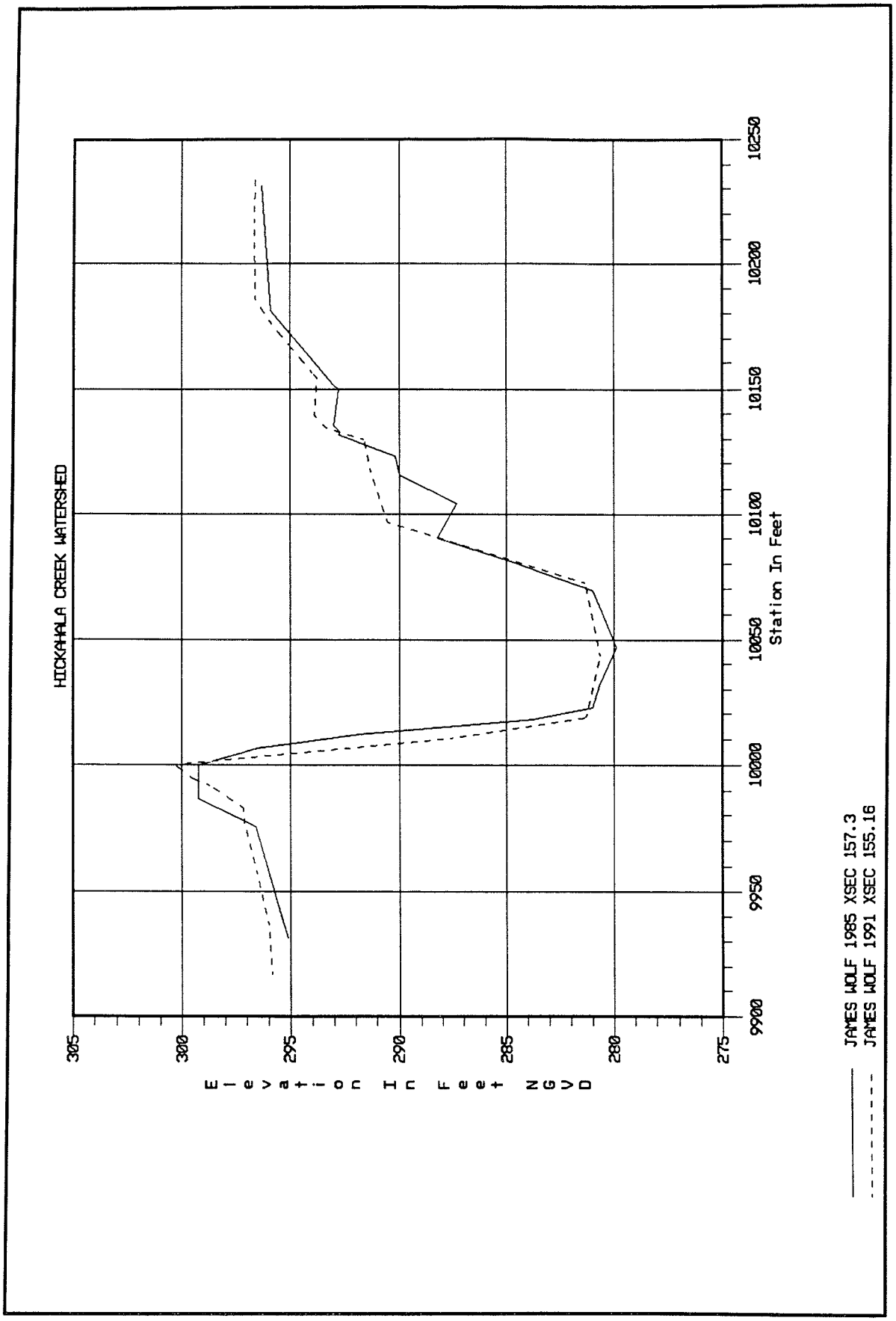
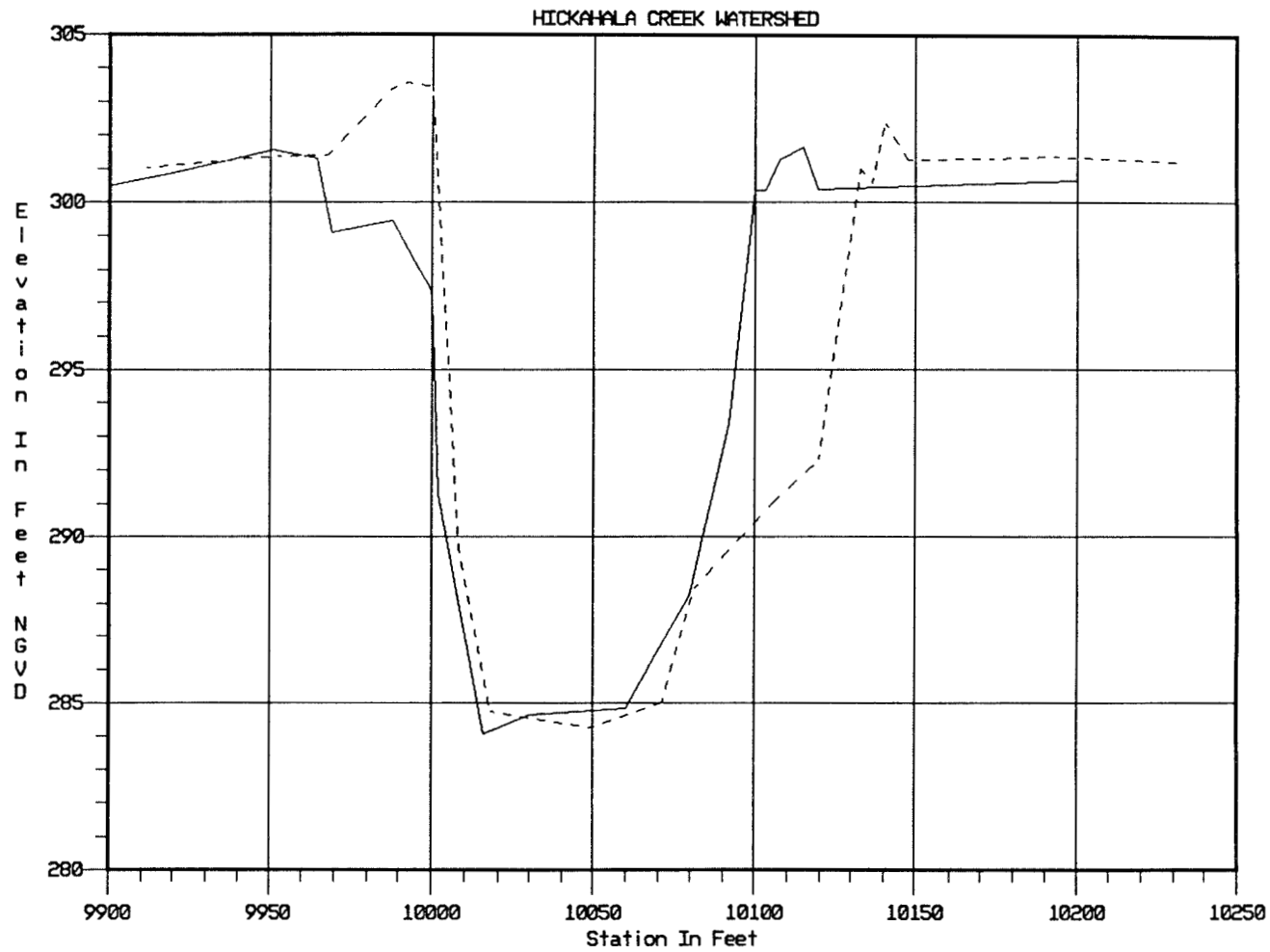

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
305
300
295
290
285
280
275
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1985 XSEC 157.3
JAMES WOLF 1991 XSEC 155.16

PLATE A58



JAMES WOLF 1985 XSEC 186.6
JAMES WOLF 1991 XSEC 184.10

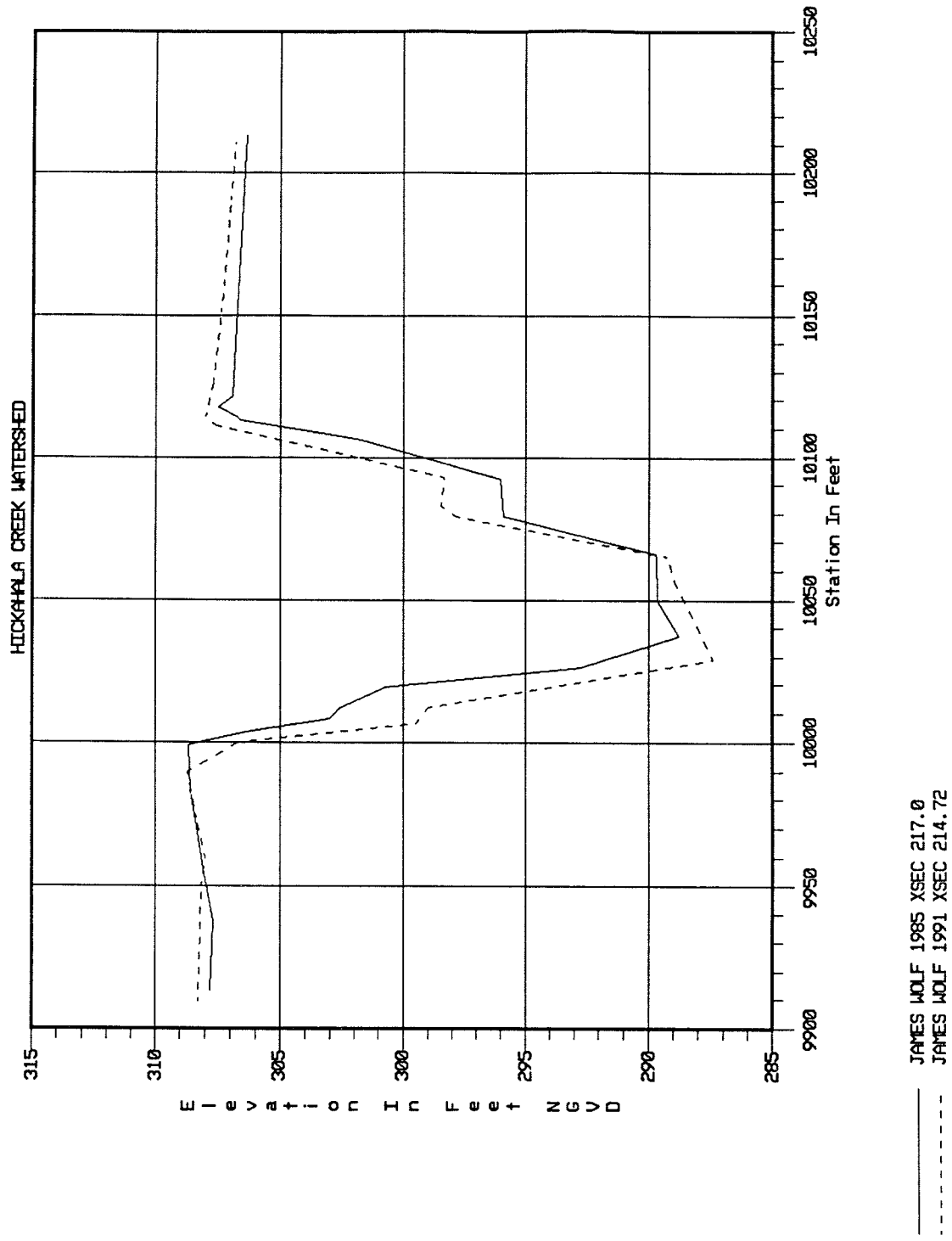
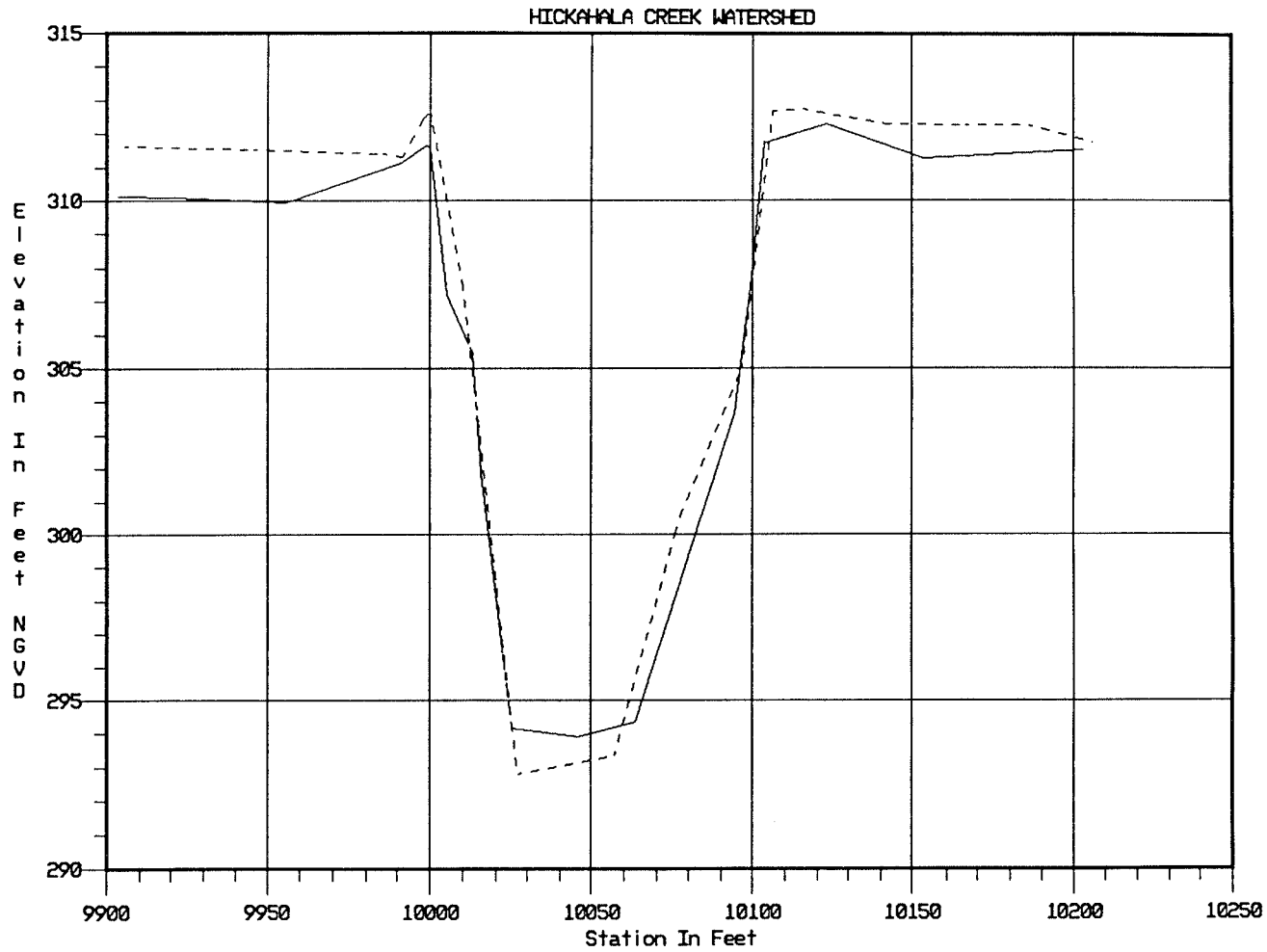
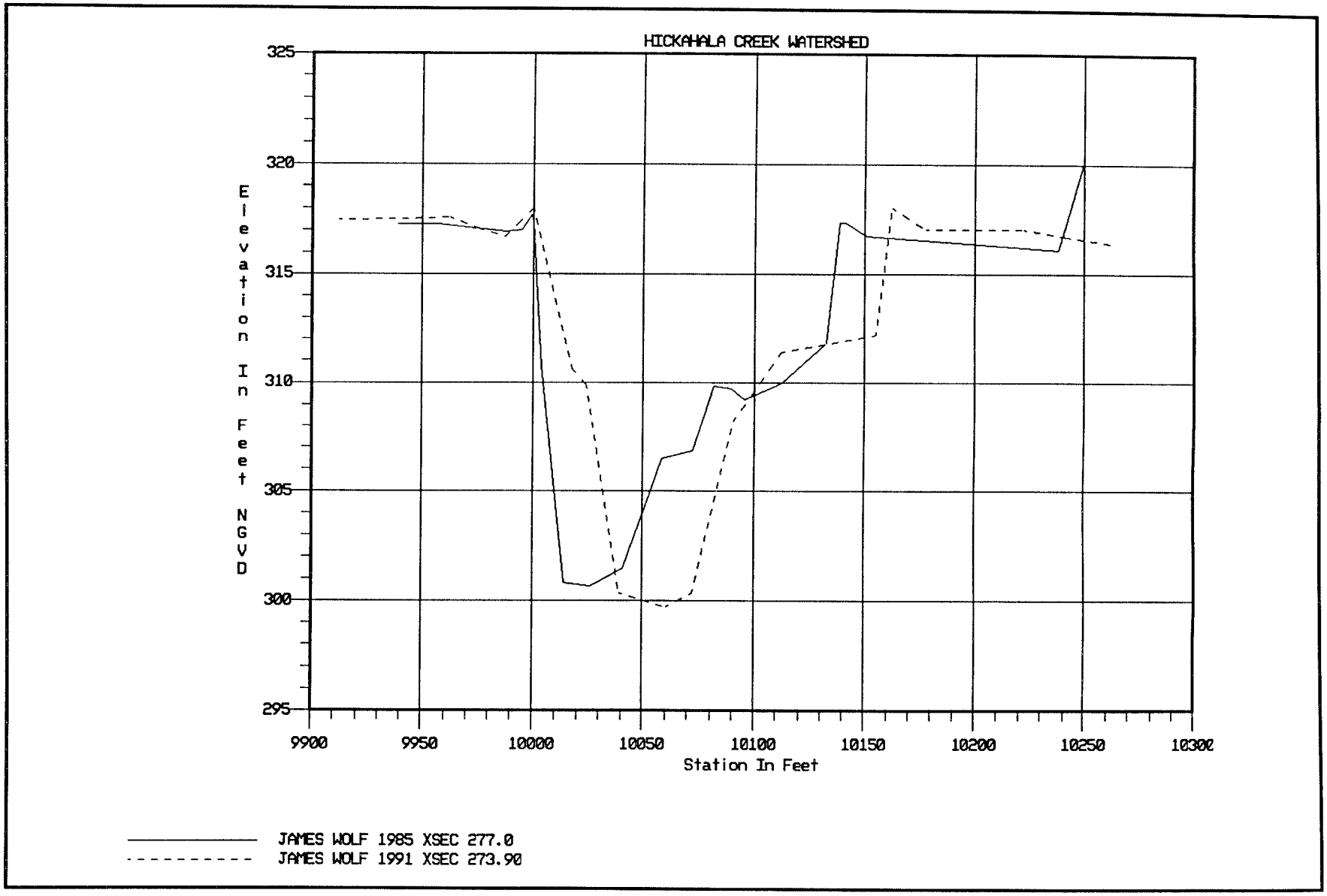

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
315
310
305
300
295
290
285
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1985 XSEC 217.0
JAMES WOLF 1991 XSEC 214.72

PLATE A60



JAMES WOLF 1985 XSEC 247.00
JAMES WOLF 1991 XSEC 244.44

PLATE A61


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
325
320
315
310
305
300
295
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
JAMES WOLF 1985 XSEC 277.0
JAMES WOLF 1991 XSEC 273.90

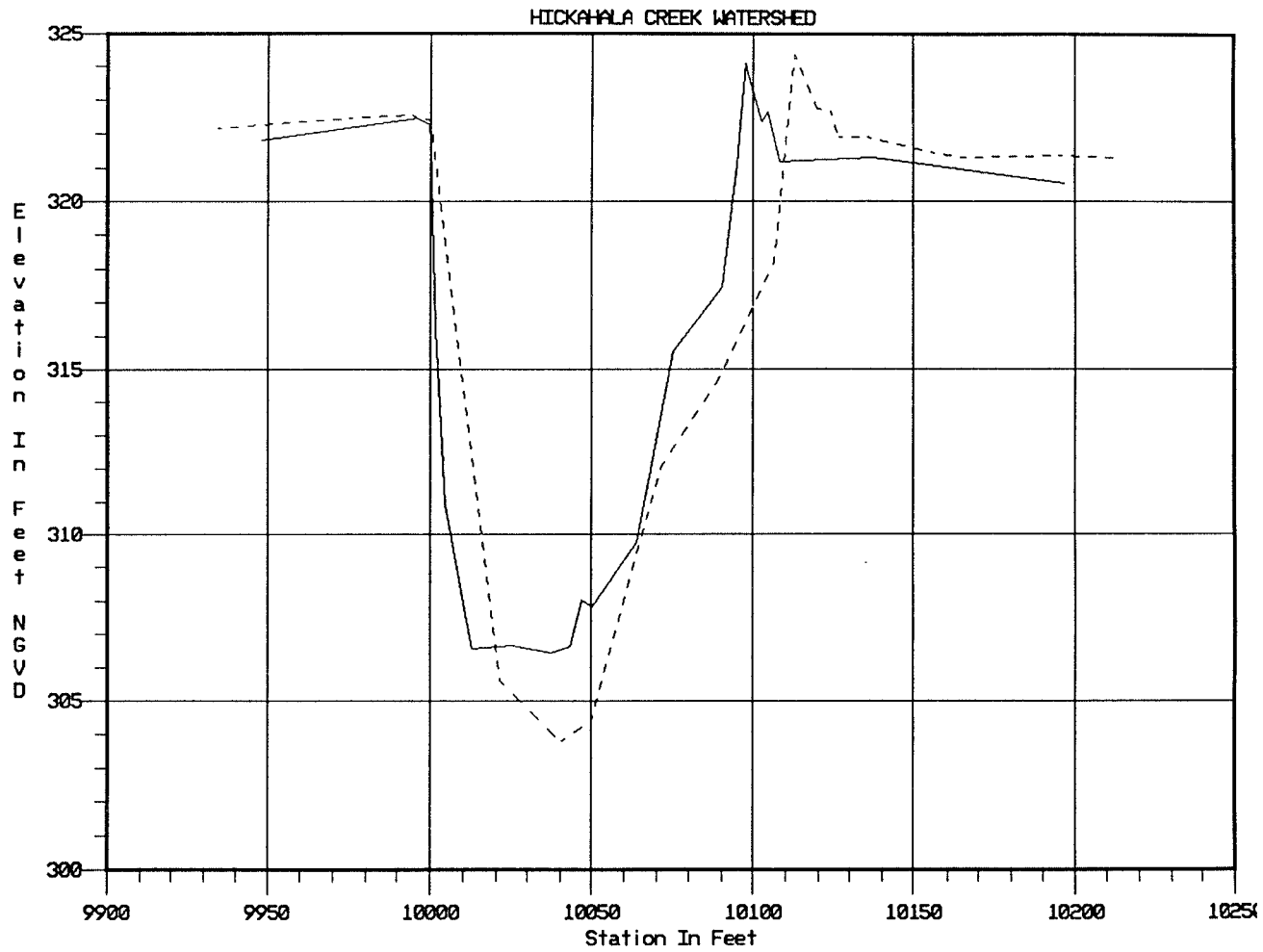

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
325
320
315
310
305
300
9900
9950
10000
10050
10100
10150
10200
Station In Feet
JAMES WOLF 1985 XSEC 305.0
JAMES WOLF 1991 XSEC 301.12

PLATE A63

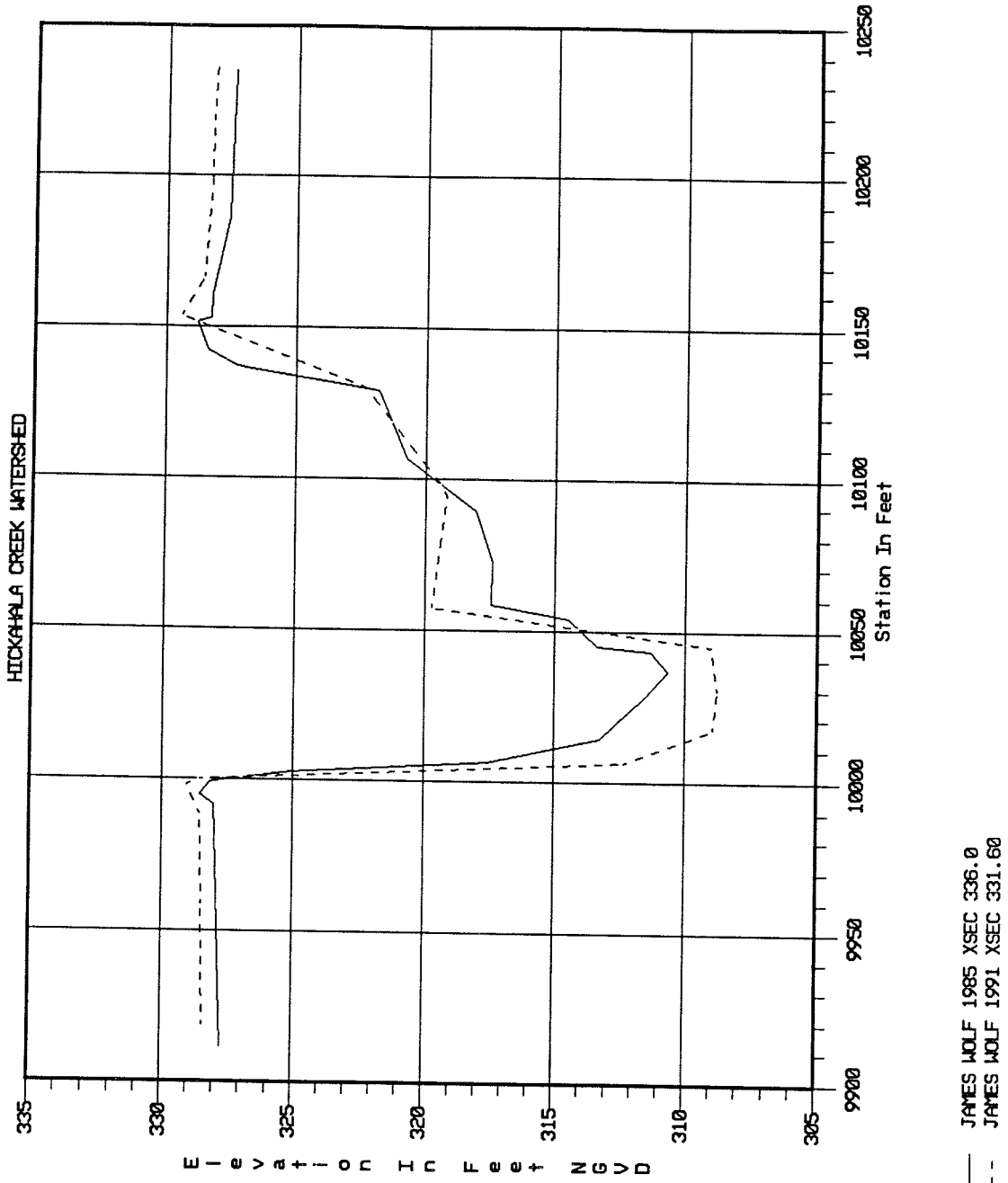

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
335
330
325
320
315
310
305
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1985 XSEC 336.0
JAMES WOLF 1991 XSEC 331.60

PLATE A64

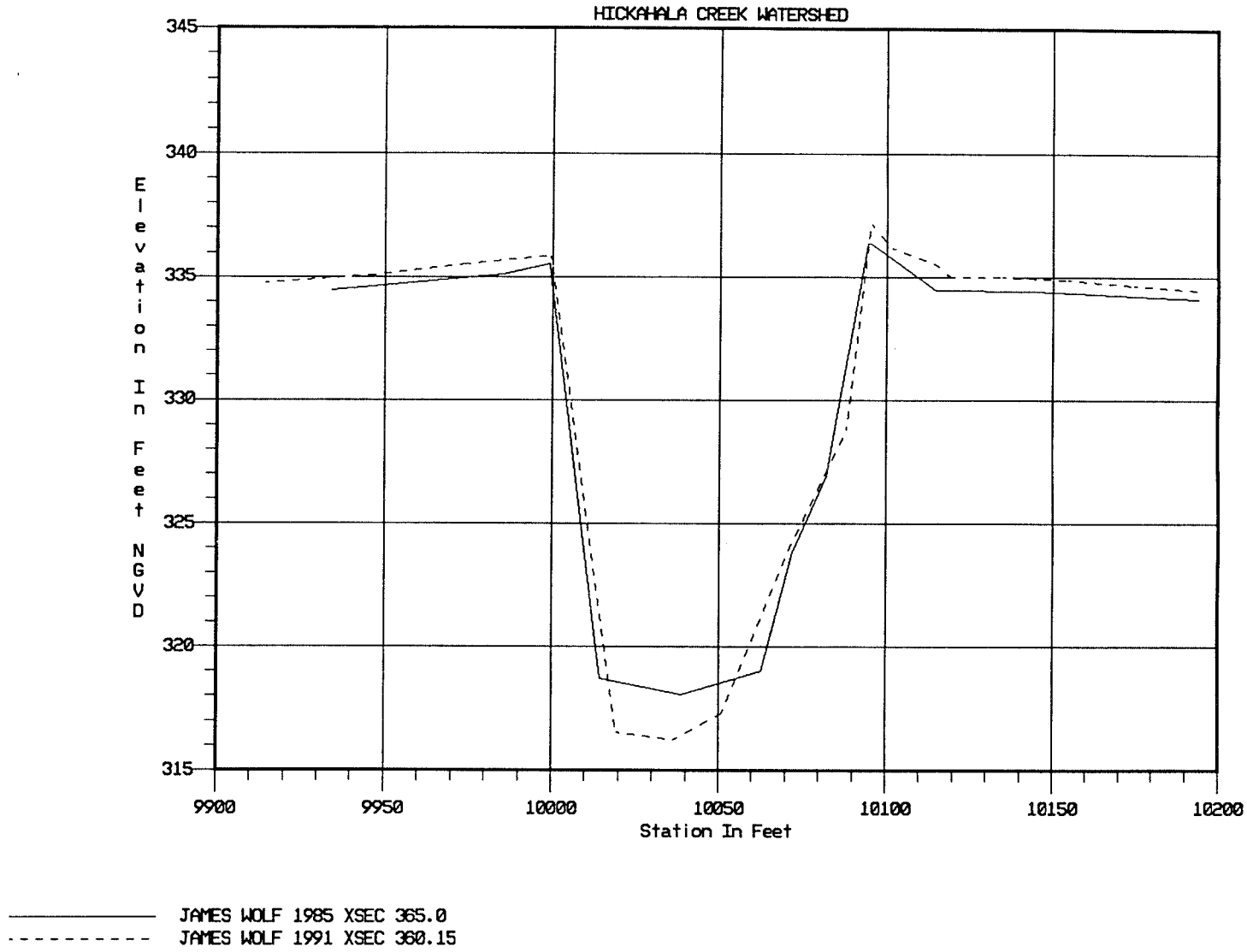

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
345
340
335
330
325
320
315
9900
9950
10000
10050
10100
10150
10200
Station In Feet
JAMES WOLF 1985 XSEC 365.0
JAMES WOLF 1991 XSEC 360.15

PLATE A65

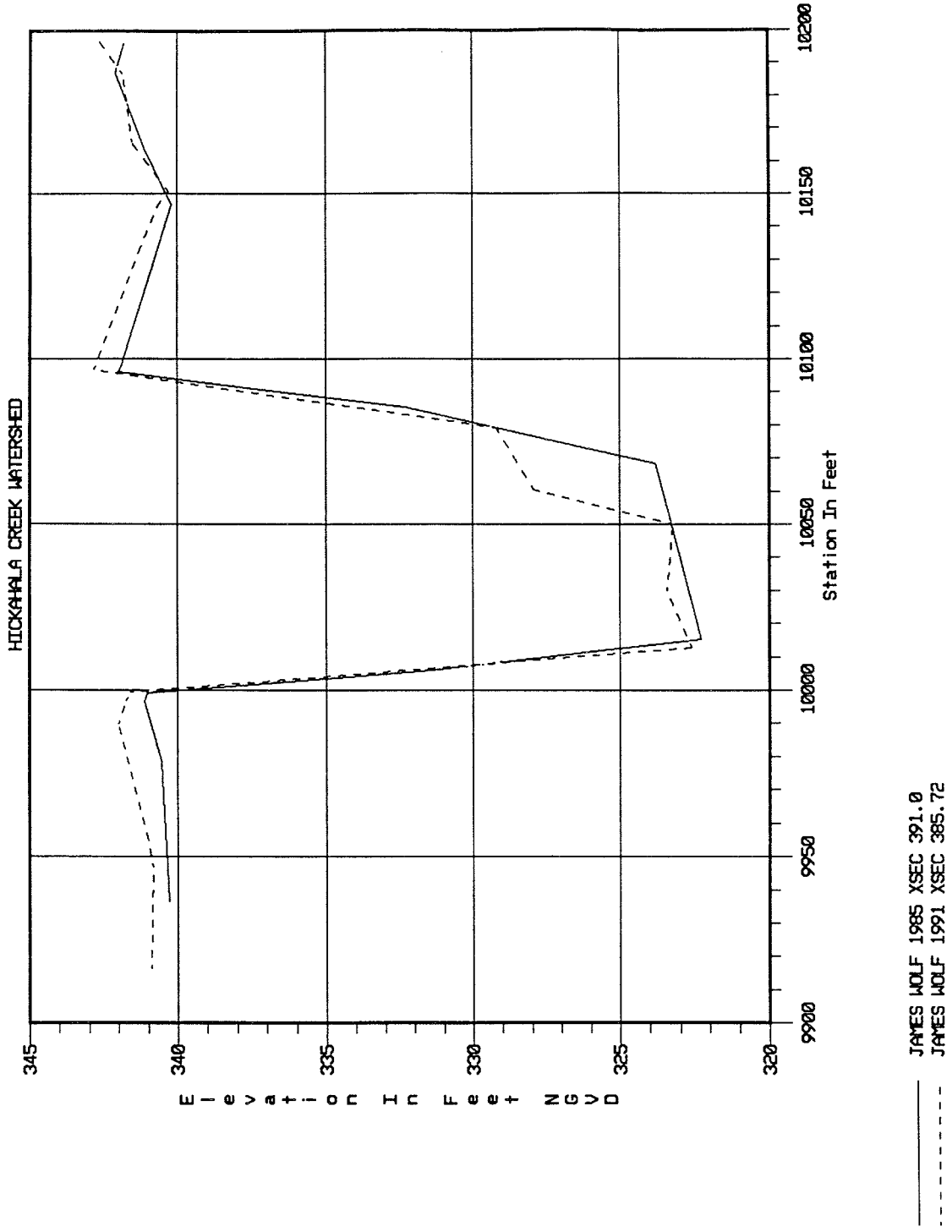
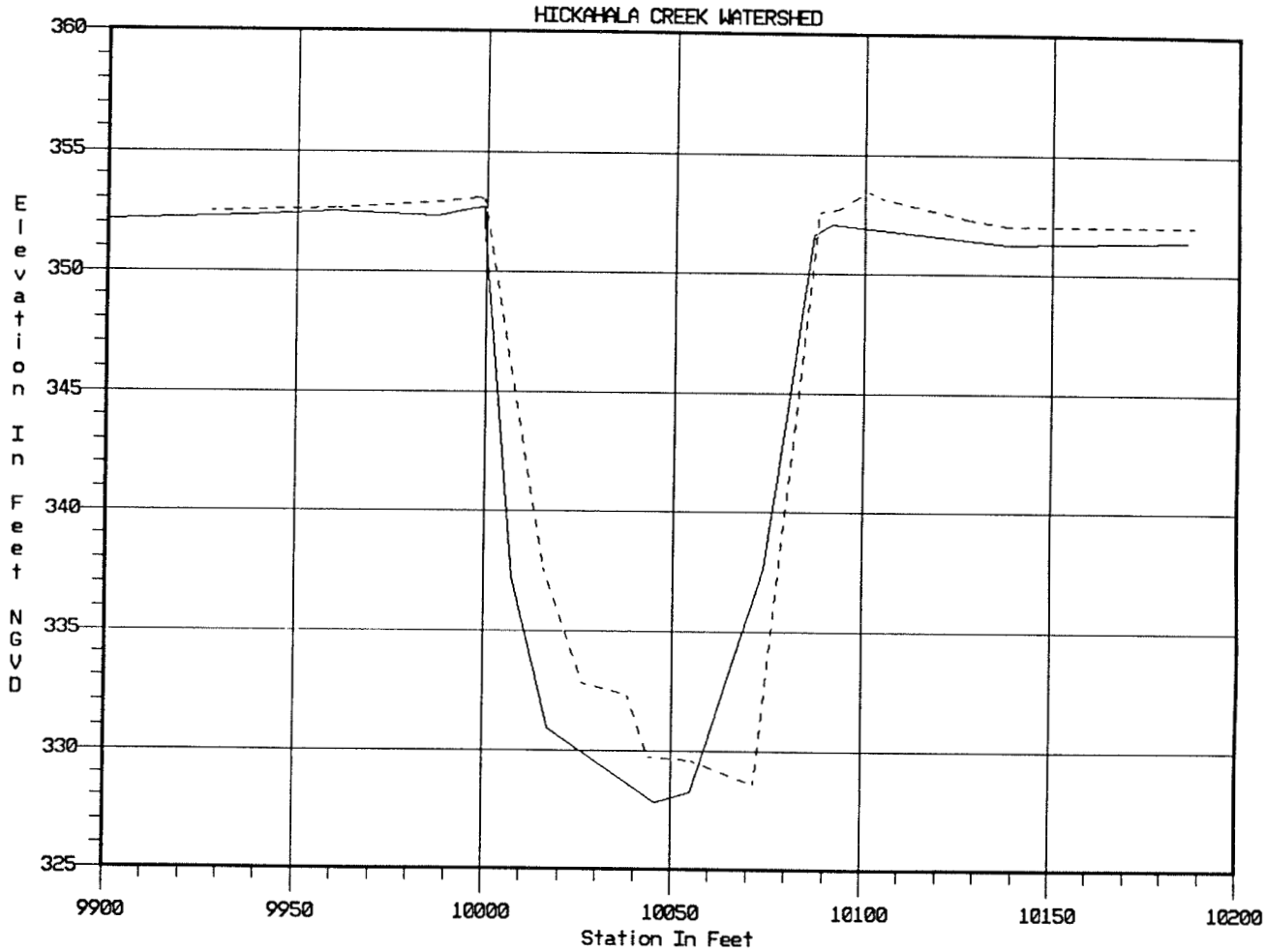

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
345
340
335
330
325
320
9900
9950
10000
10050
10100
10150
10200
Station In Feet
JAMES WOLF 1985 XSEC 391.0
JAMES WOLF 1991 XSEC 385.72

PLATE A66



JAMES WOLF 1985 XSEC 430.0
JAMES WOLF 1991 XSEC 424.20

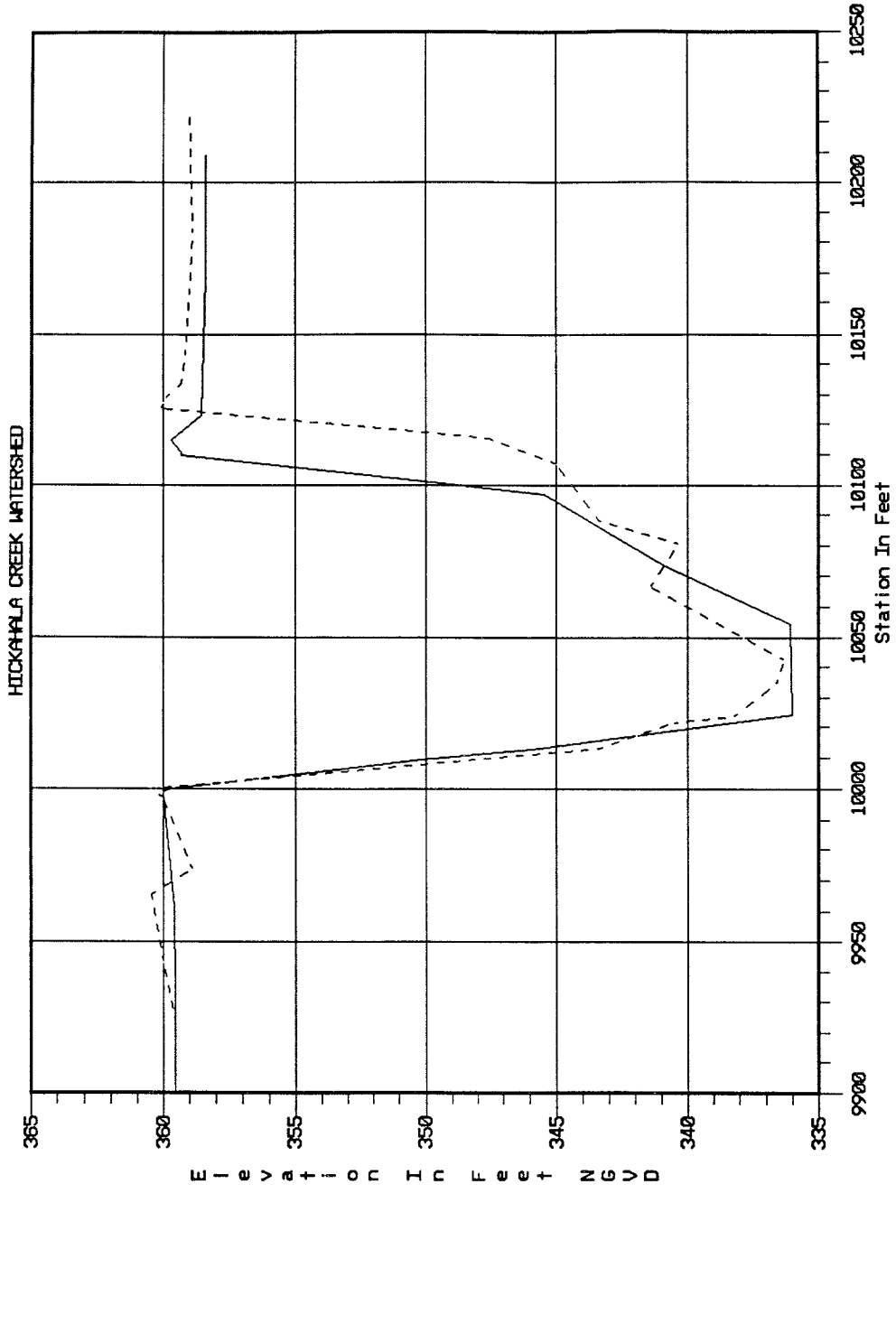
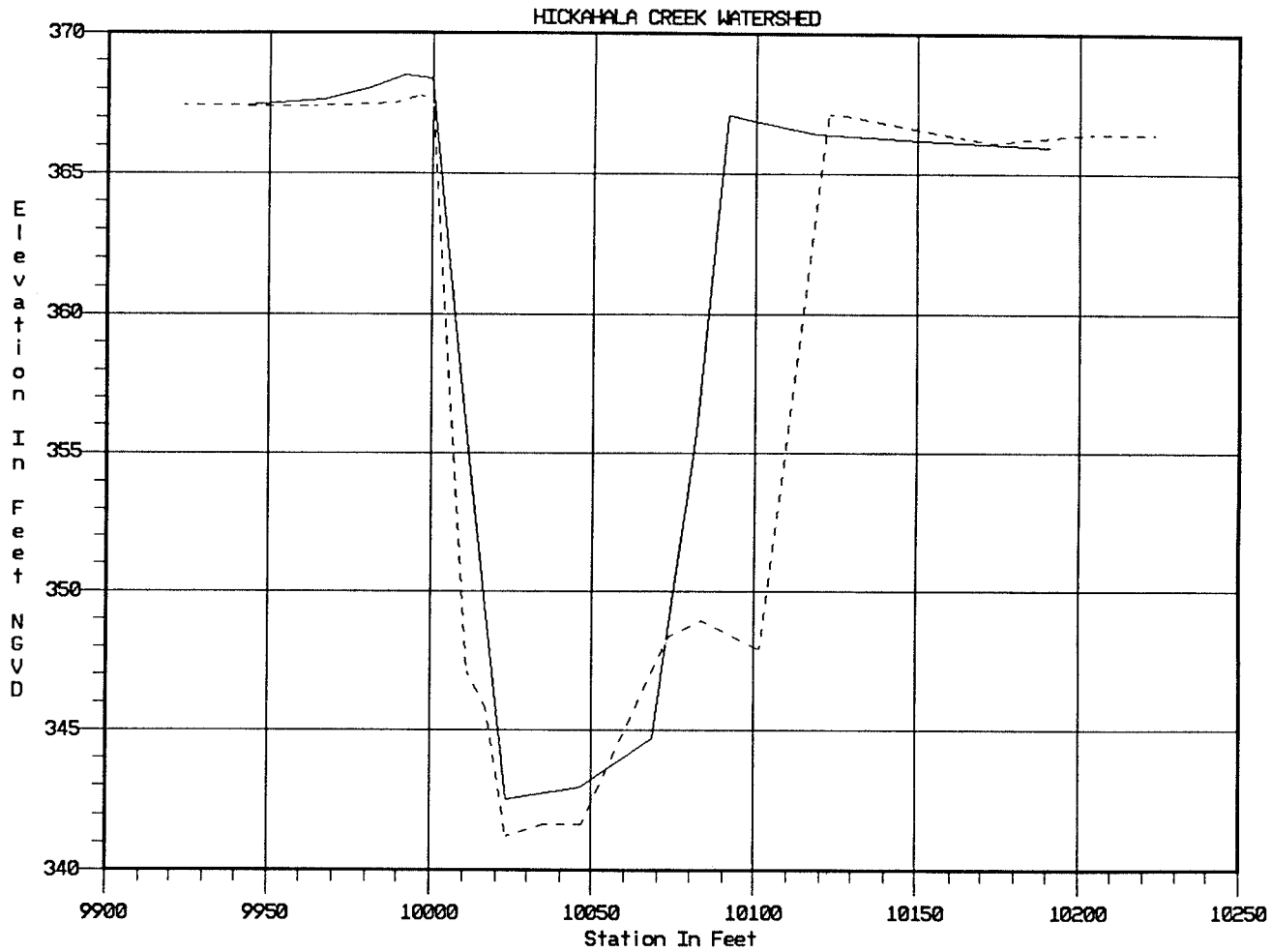
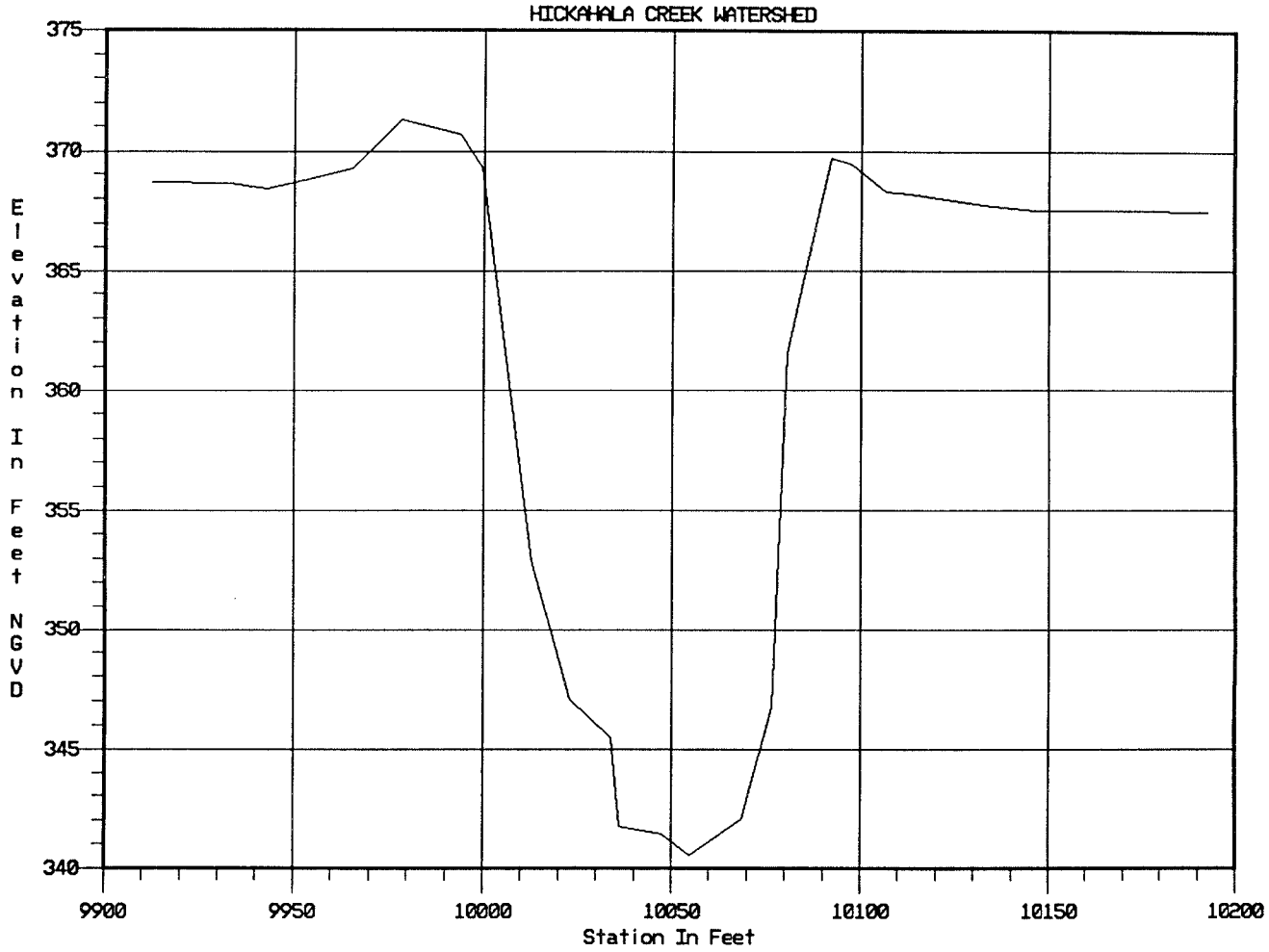

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
365
360
355
350
345
340
335
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1985 XSEC 463.0
JAMES WOLF 1991 XSEC 456.90

PLATE A68

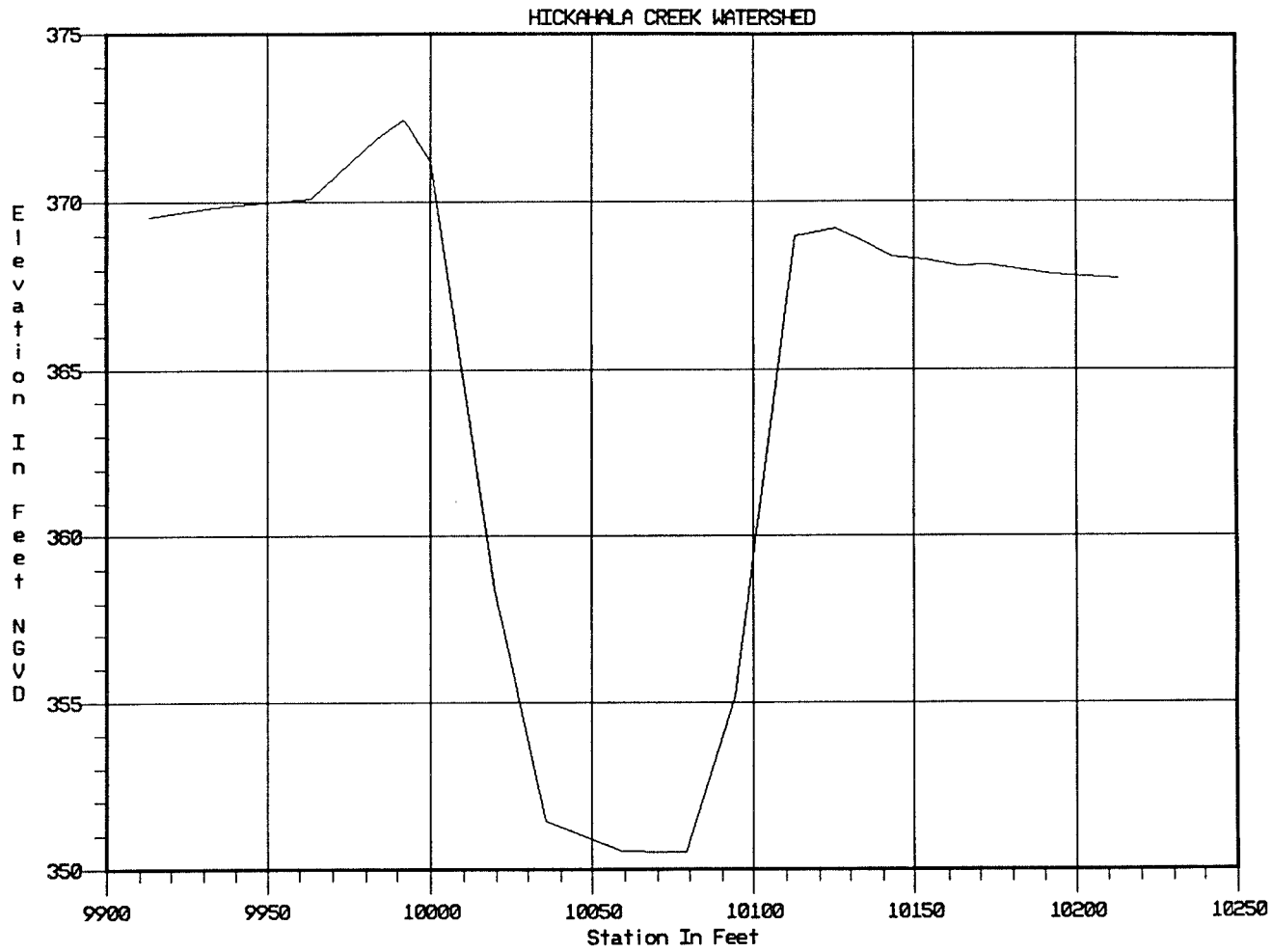


JAMES WOLF 1985 XSEC 497.0
JAMES WOLF 1991 XSEC 490.36



JAMES WOLF 1991 XSEC 499.00

PLATE A70



JAMES WOLF 1991 XSEC 501.12

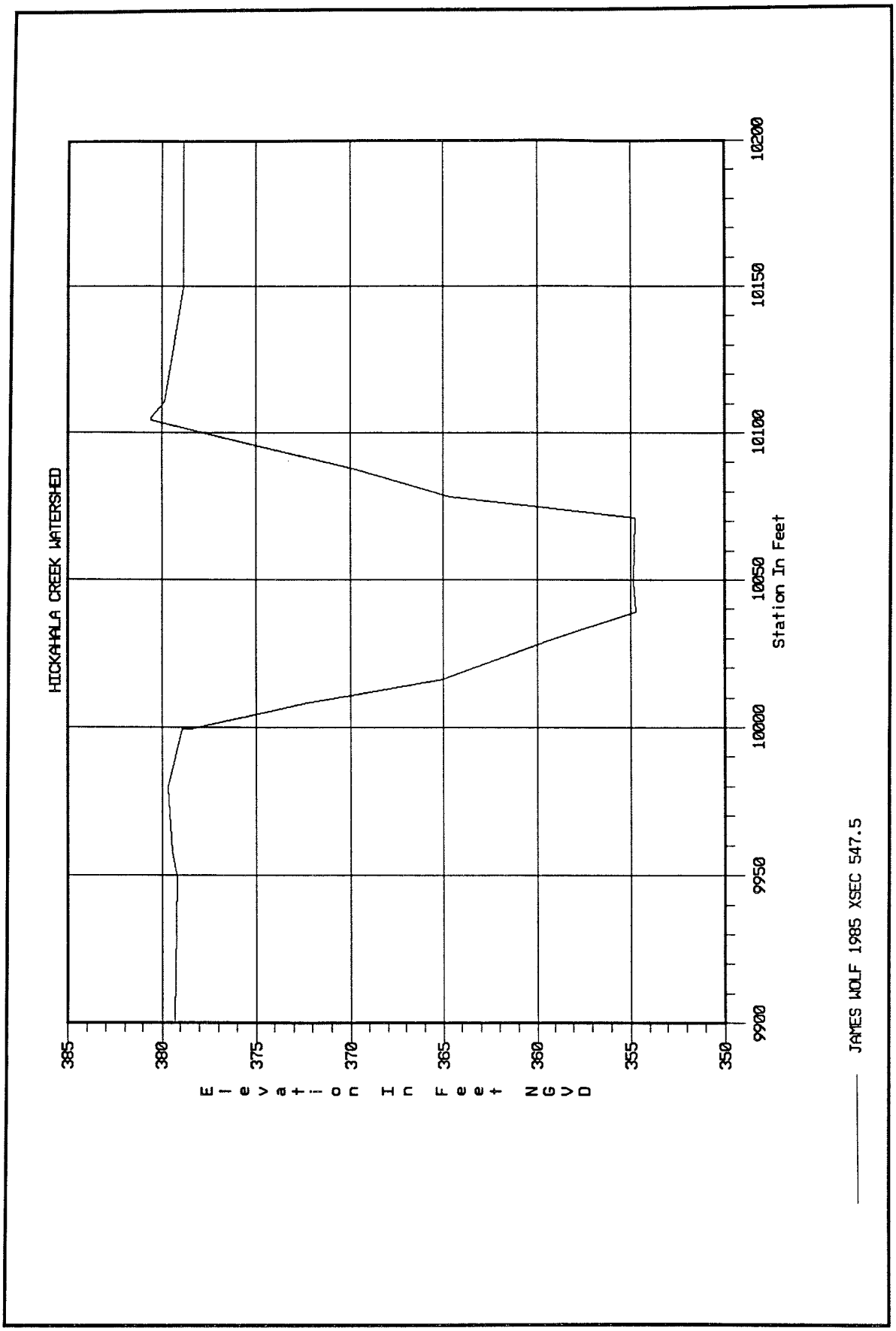

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
385
380
375
370
365
360
355
350
9900
9950
10000
10050
10100
10150
10200
Station In Feet
JAMES WOLF 1985 XSEC 547.5

PLATE A72

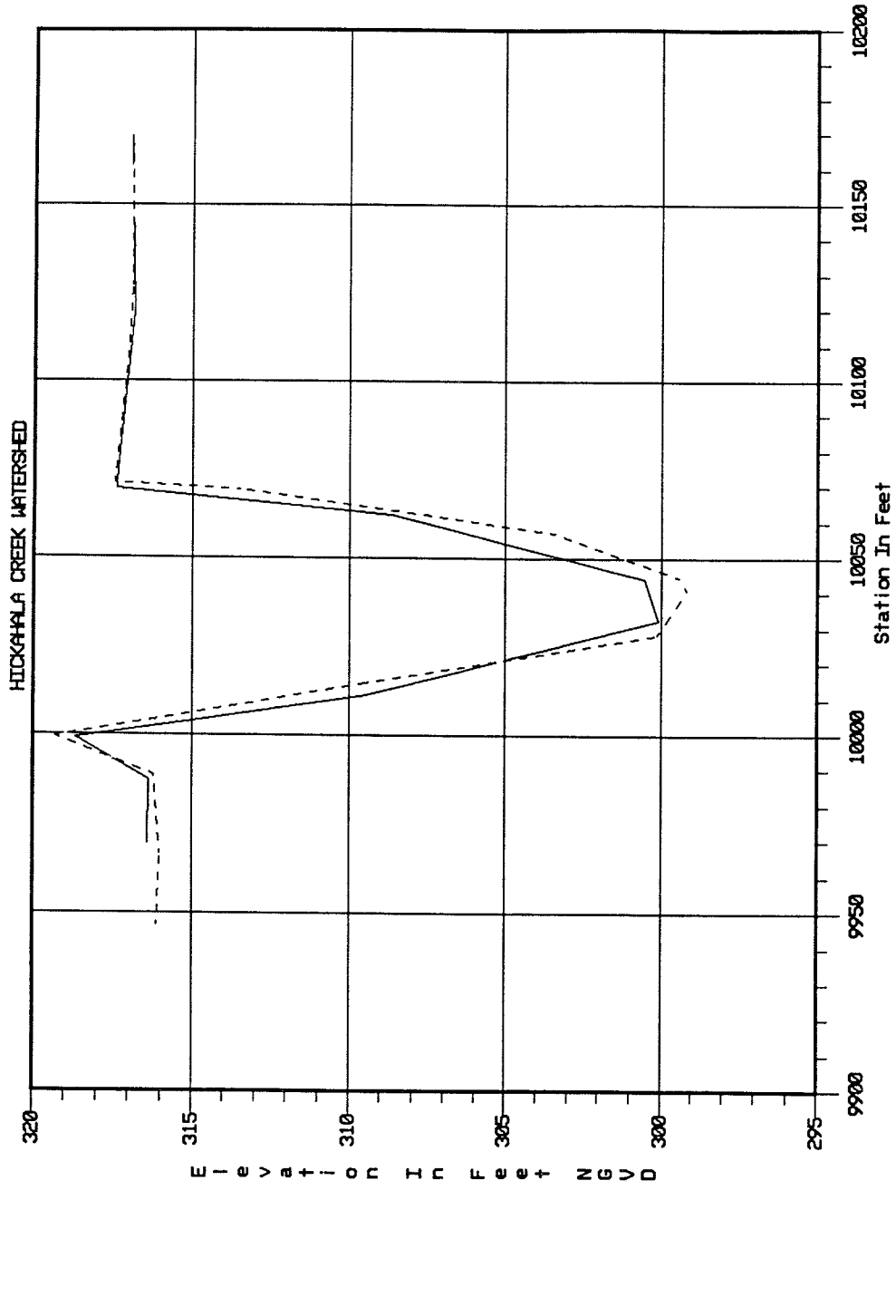

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
320
315
310
305
300
295
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MARTIN DALE 1985 XSEC 7.0
MARTIN DALE 1991 XSEC 7.10

PLATE A73

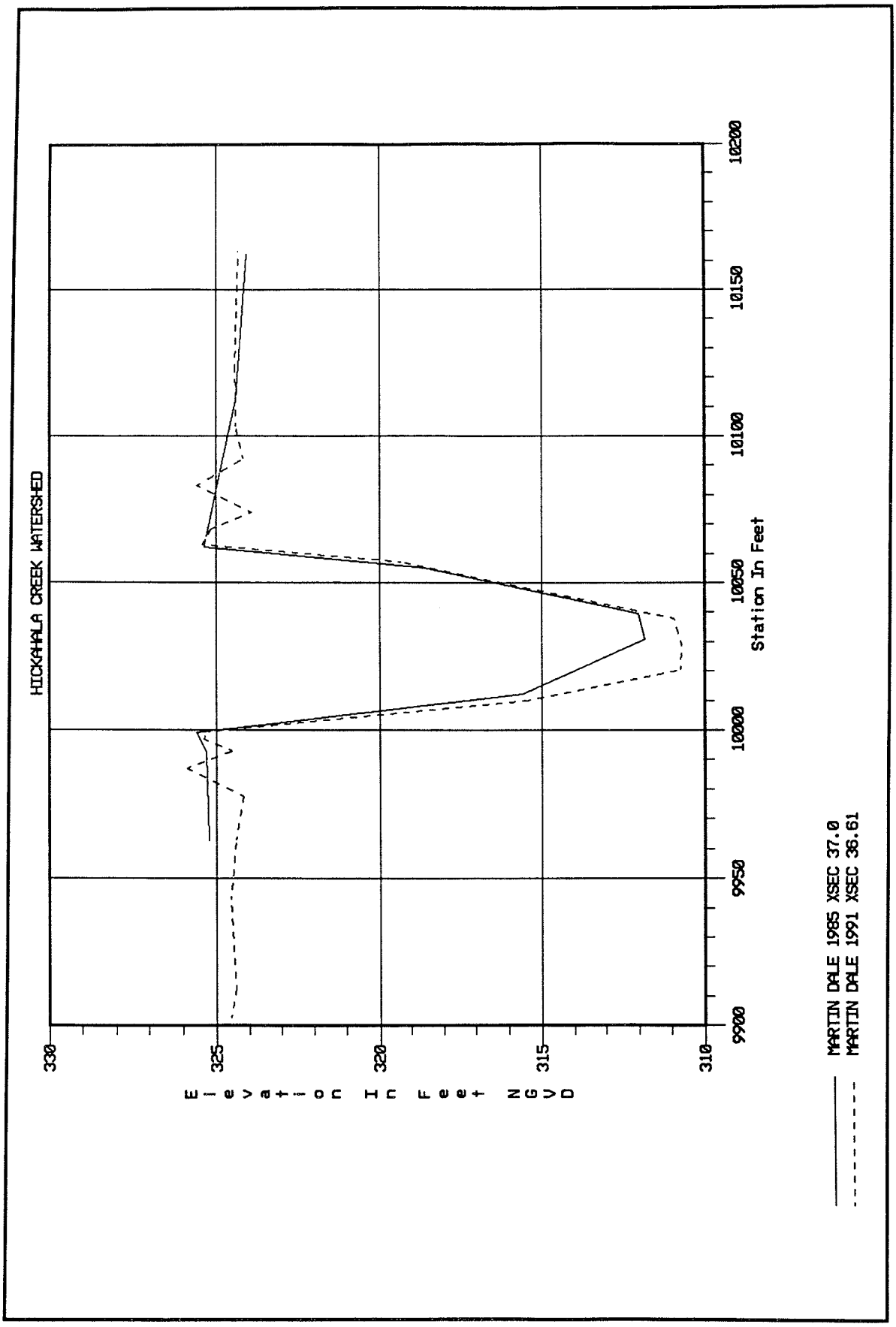
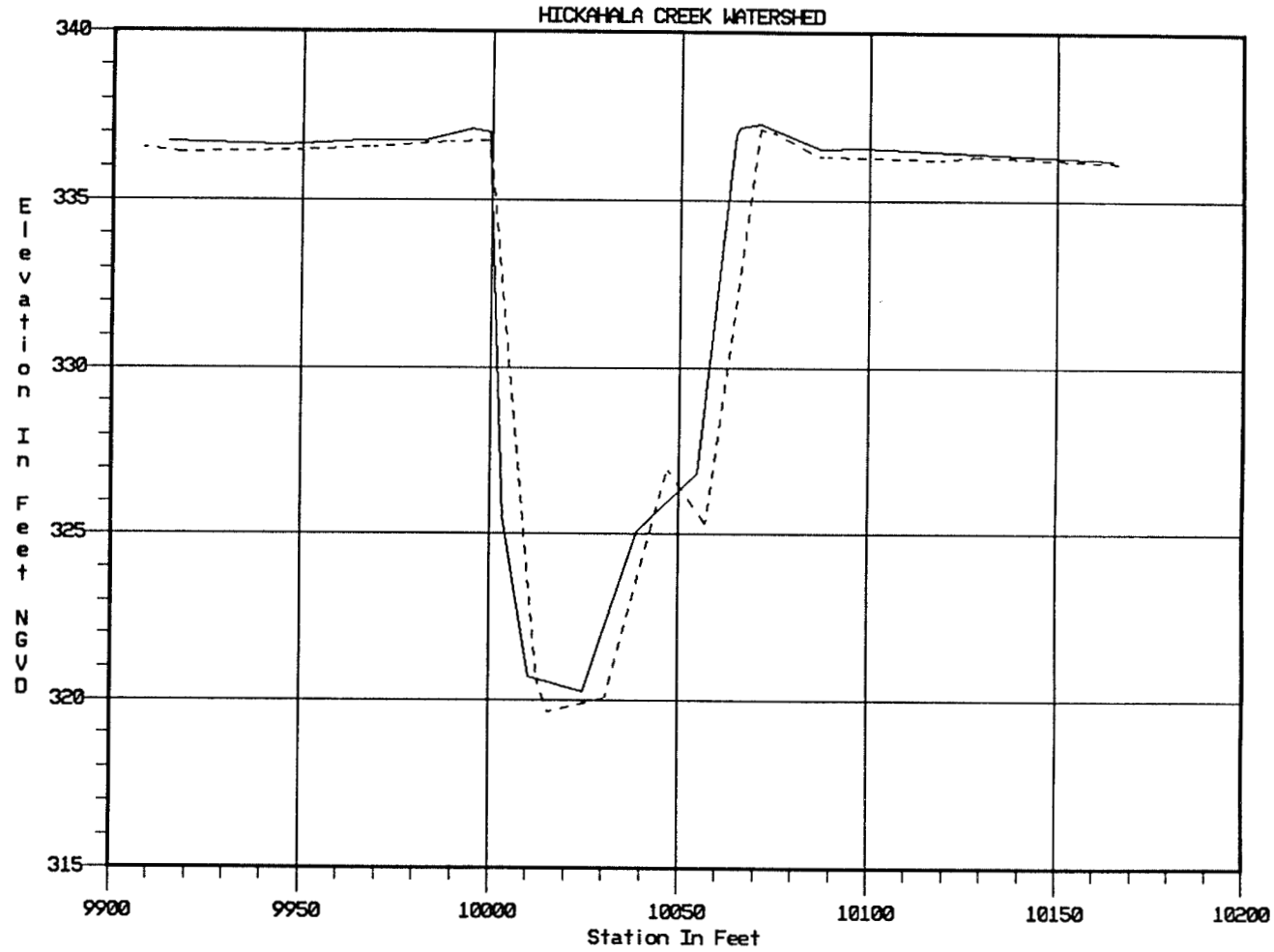

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
330
325
320
315
310
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MARTIN DALE 1985 XSEC 37.0
MARTIN DALE 1991 XSEC 36.61

PLATE A74



MARTIN DALE 1985 XSEC 68.0
MARTIN DALE 1991 XSEC 67.40

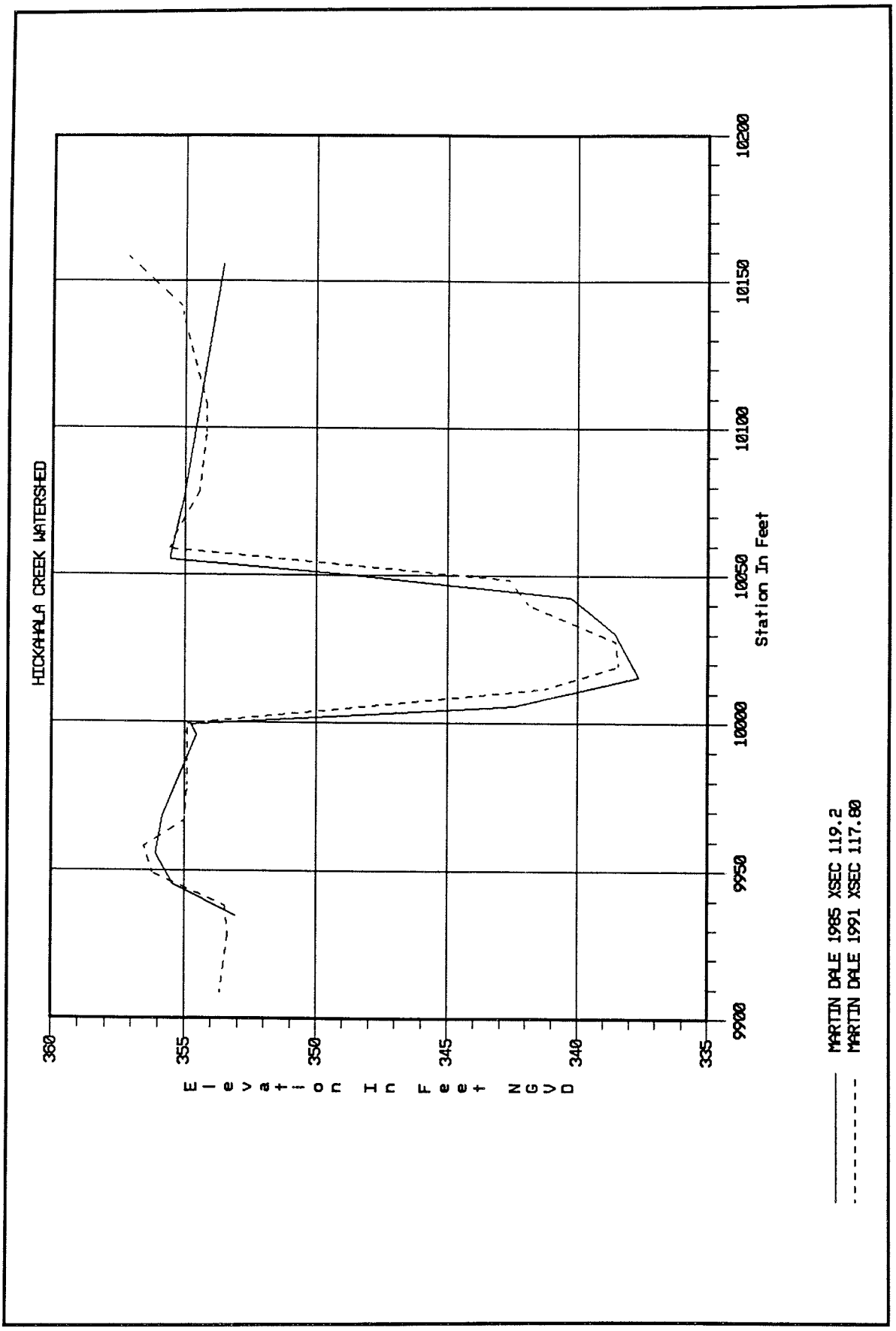

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
360
355
350
345
340
335
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MARTIN DALE 1985 XSEC 119.2
MARTIN DALE 1991 XSEC 117.80

PLATE A76

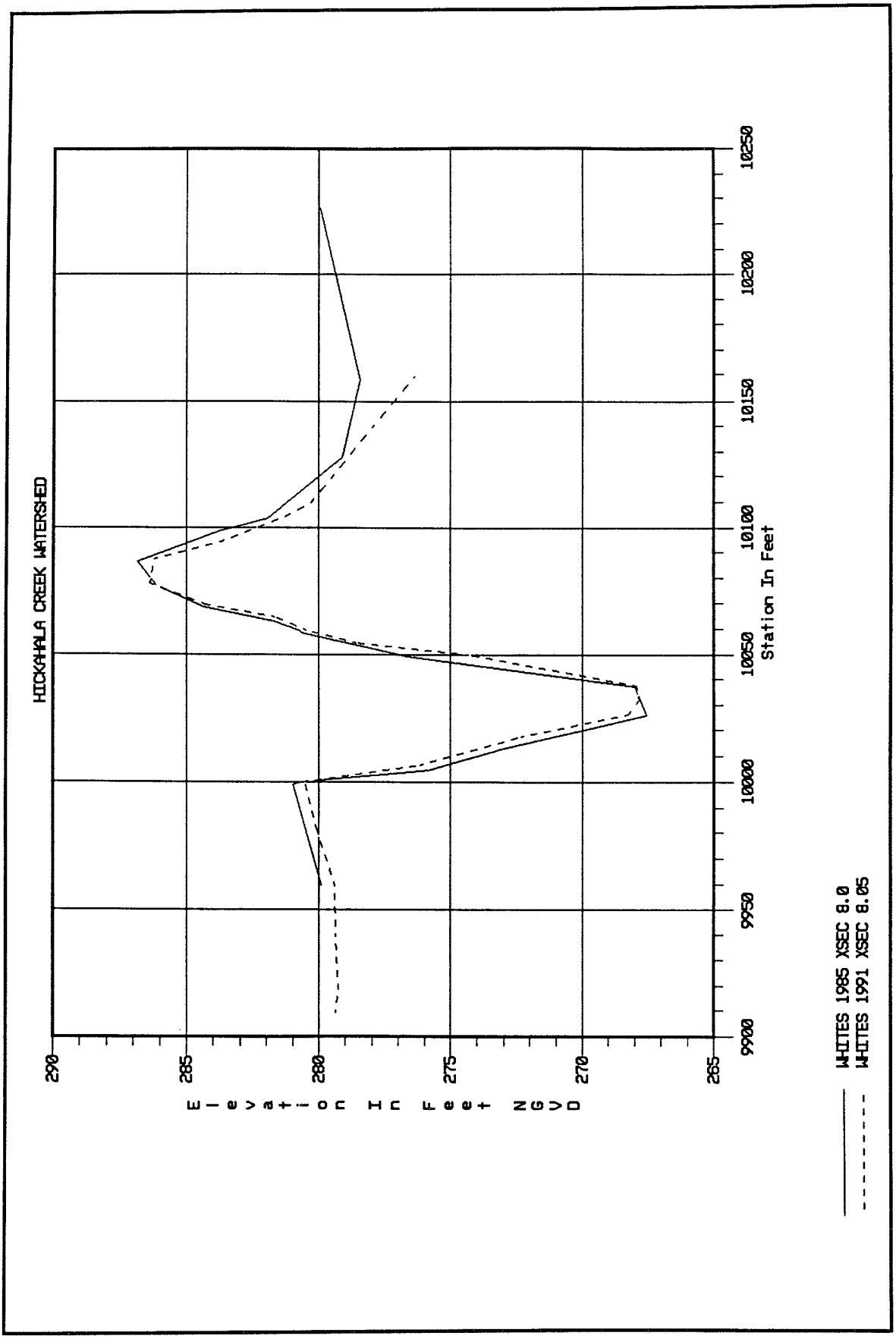

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
290
285
280
275
270
265
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
WHITES 1985 XSEC 8.0
WHITES 1991 XSEC 8.05

PLATE A77

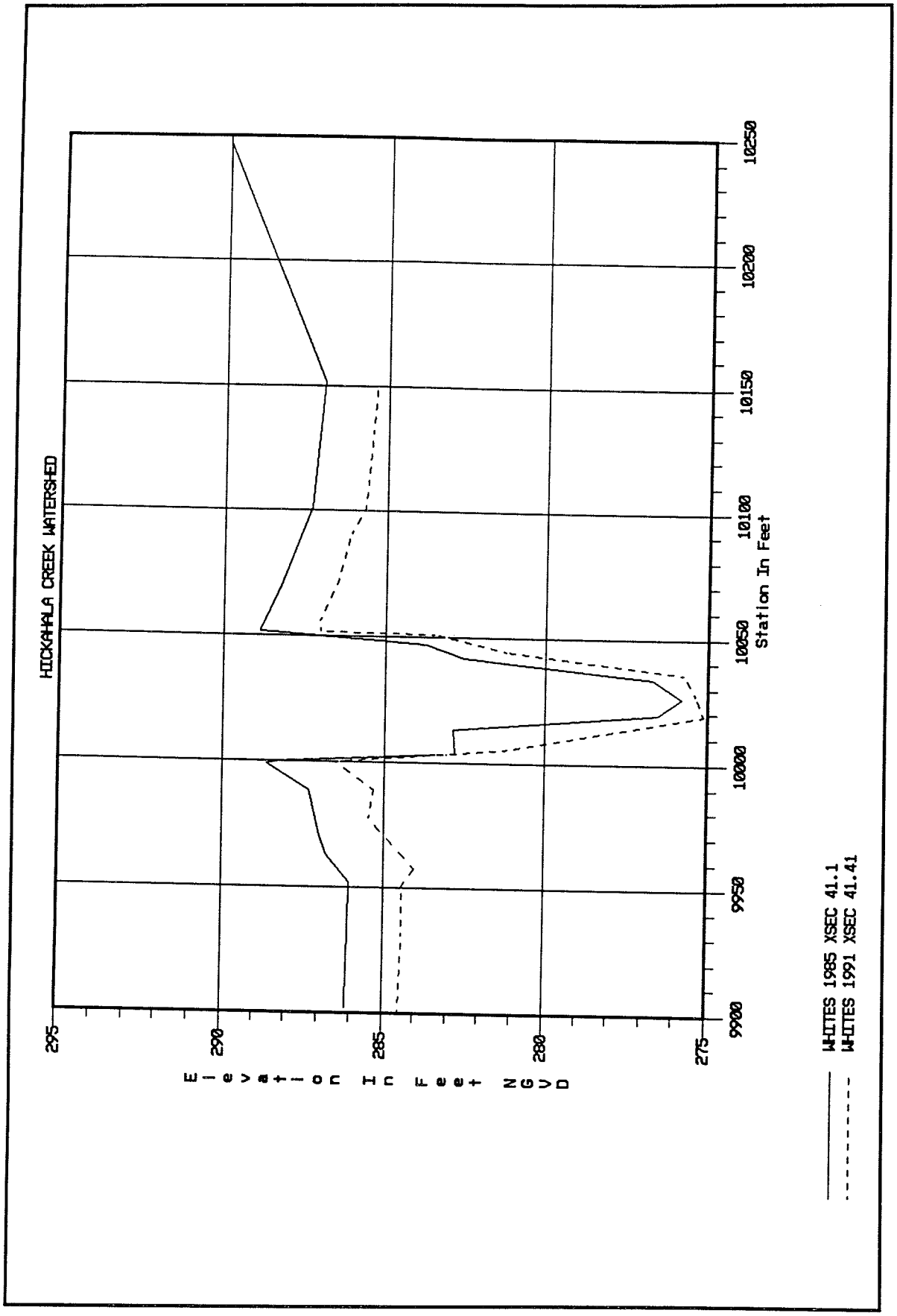
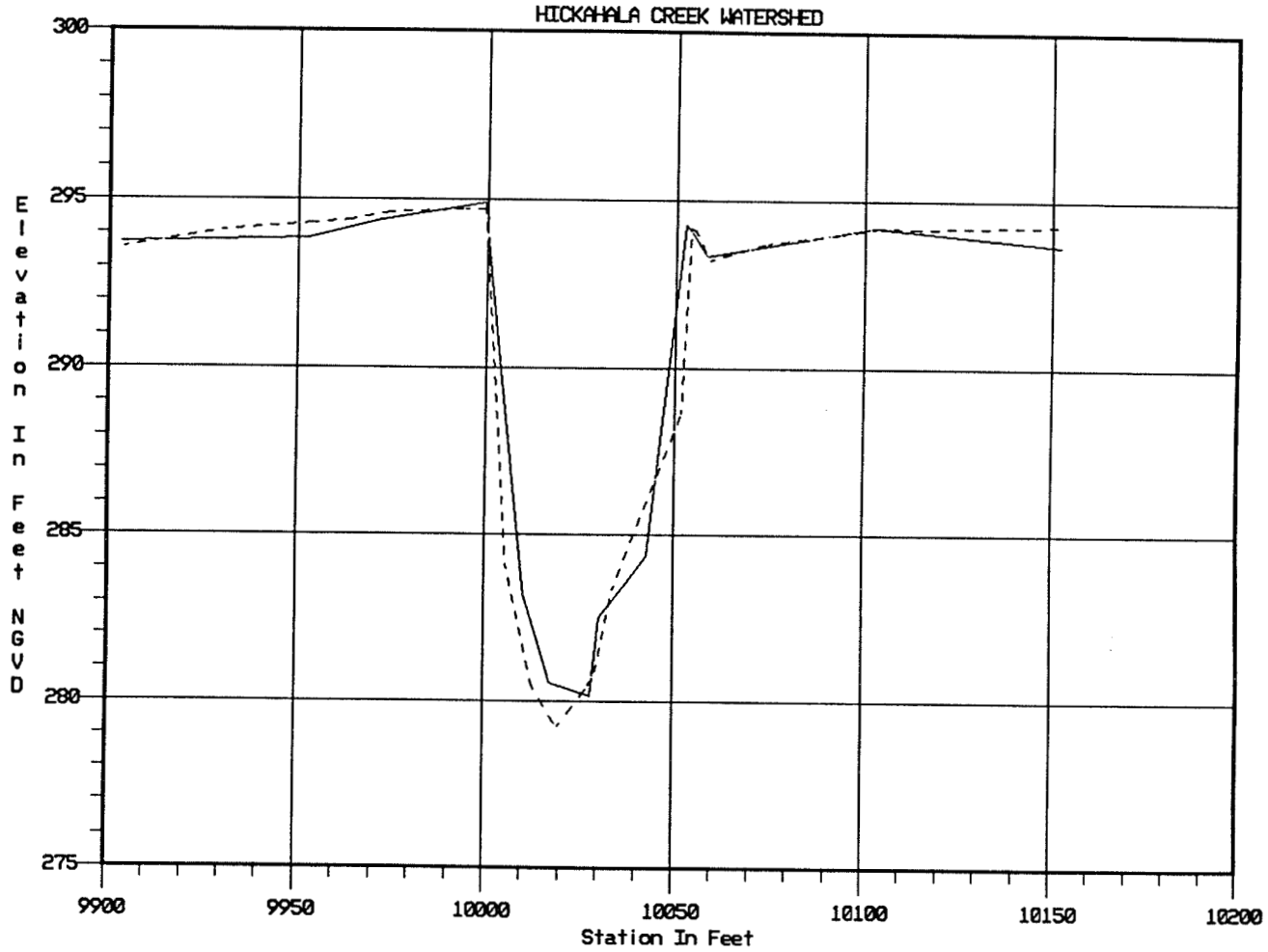

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
295
290
285
280
275
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
WHITES 1985 XSEC 41.1
WHITES 1991 XSEC 41.41

PLATE A78



WHITES 1985 XSEC 73.0
WHITES 1991 XSEC 73.27

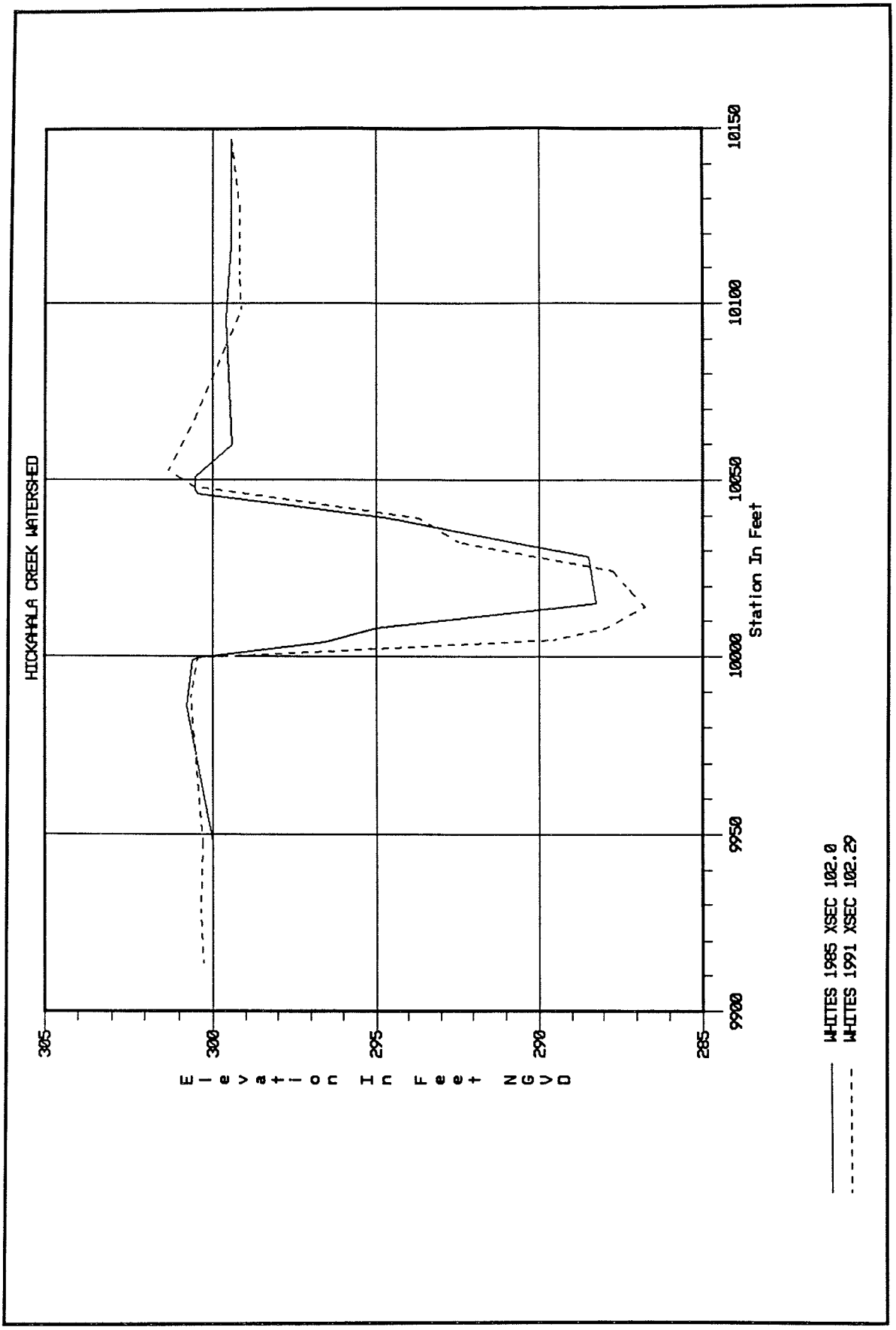

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
305
300
295
290
285
9900
9950
10000
10050
10100
10150
Station In Feet
WHITES 1985 XSEC 102.0
WHITES 1991 XSEC 102.29

PLATE A80

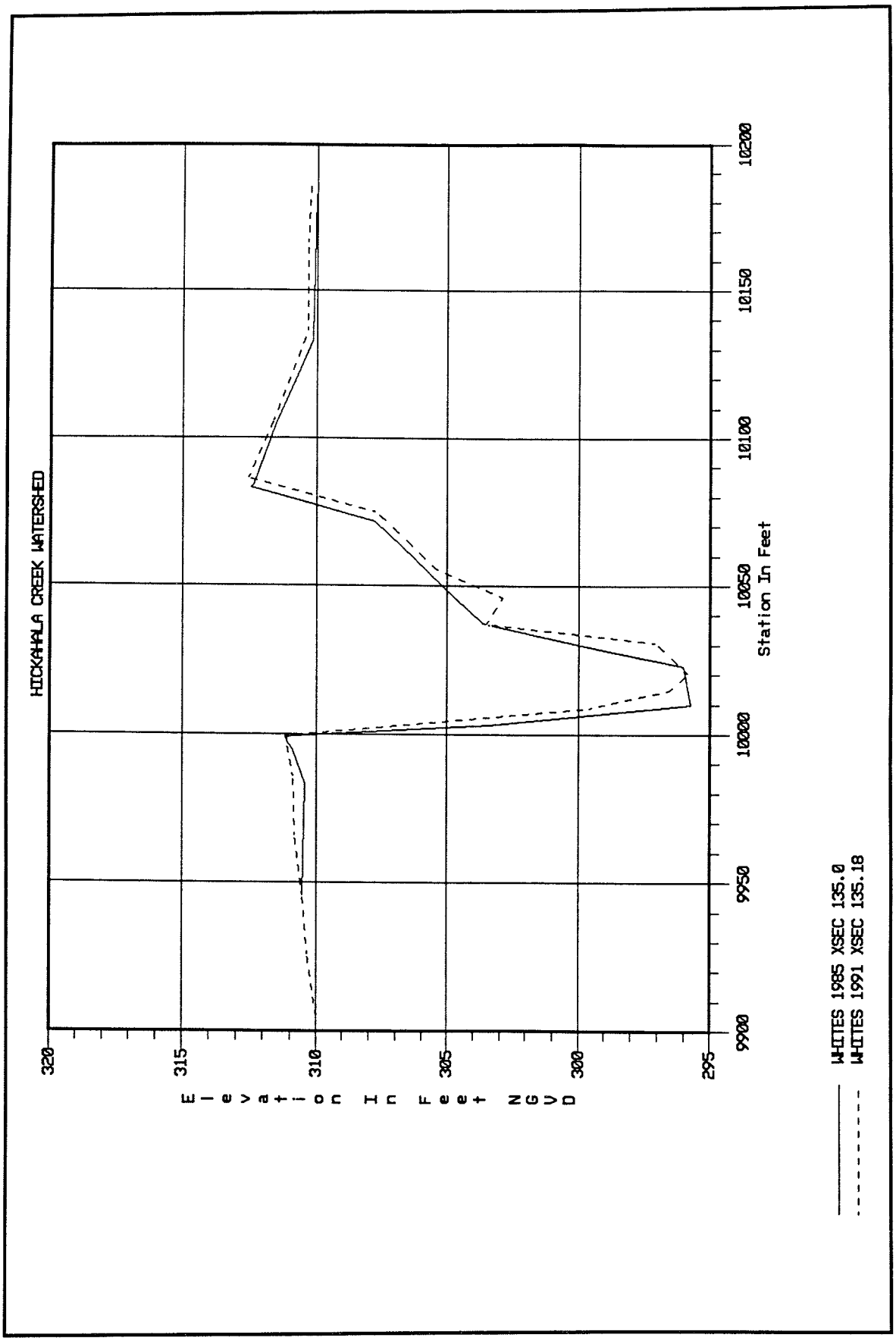

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
320
315
310
305
300
295
9900
9950
10000
10050
10100
10150
10200
Station In Feet
WHITES 1985 XSEC 135.0
WHITES 1991 XSEC 135.18

PLATE A81

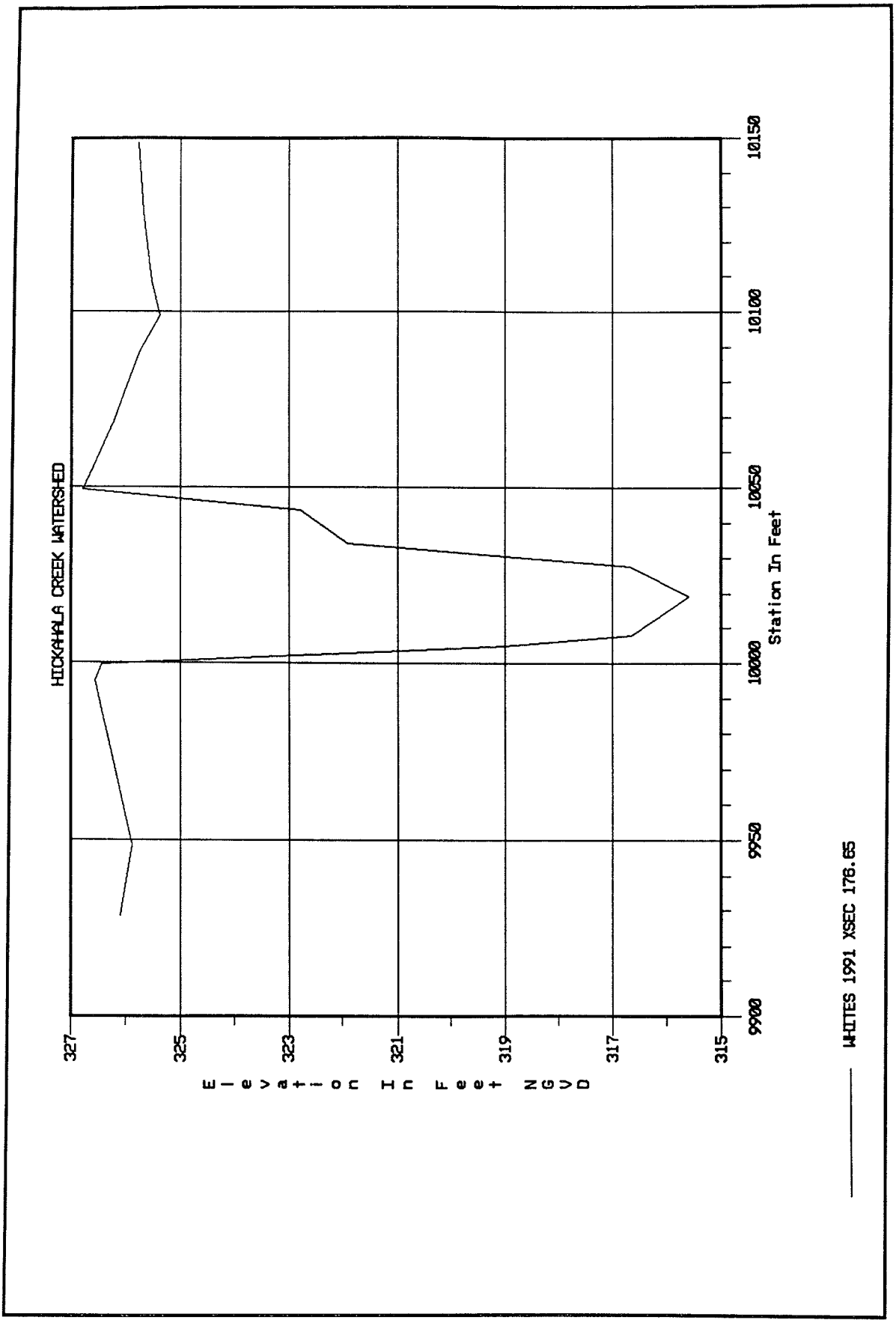

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
327
325
323
321
319
317
315
9900
9950
10000
10050
10100
10150
Station In Feet
WHITES 1991 XSEC 176.65

PLATE A82

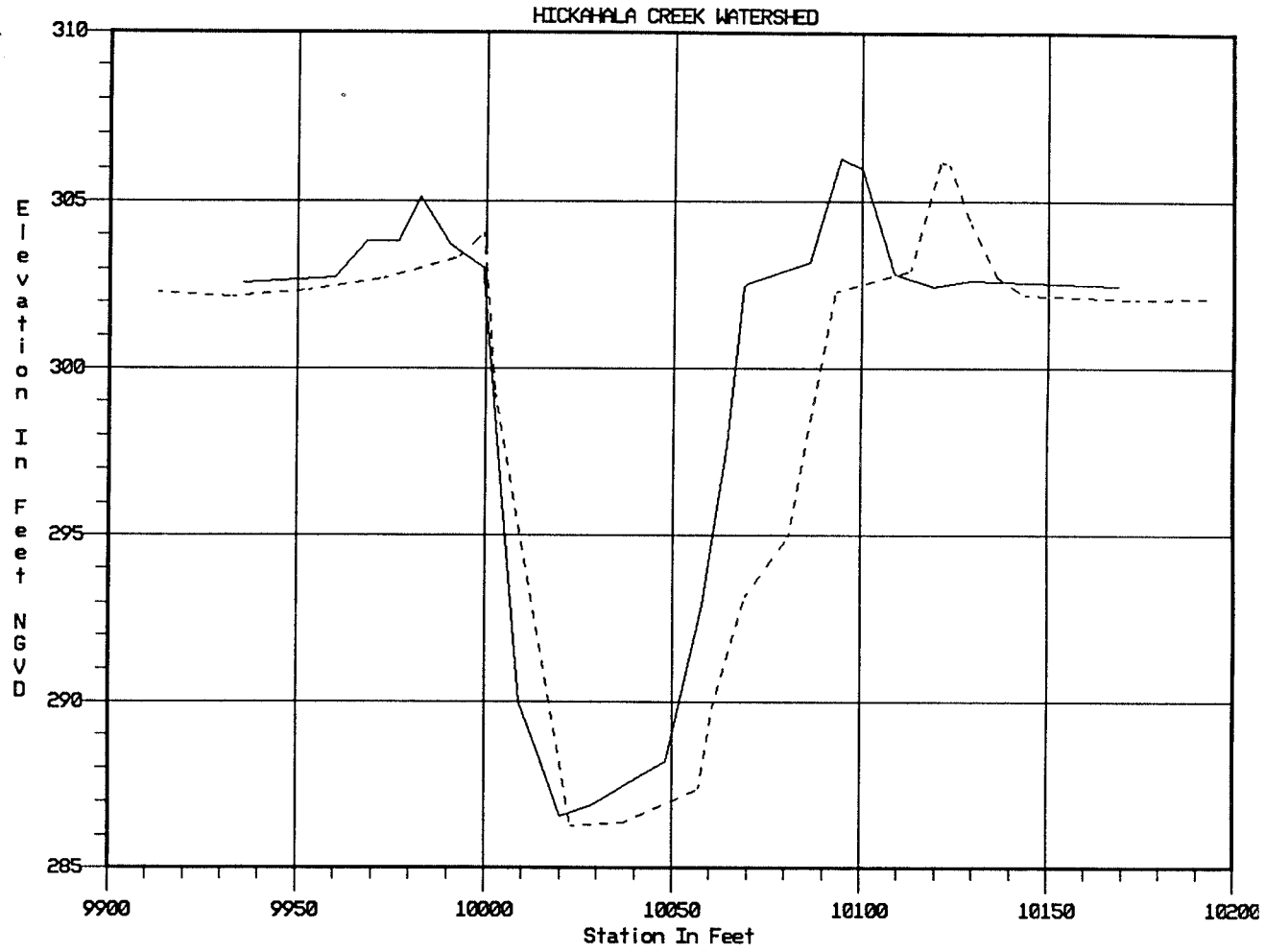

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
310
305
300
295
290
285
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BEARDS 1985 XSEC 5.0
BEARDS 1991 XSEC 5.00

PLATE A83

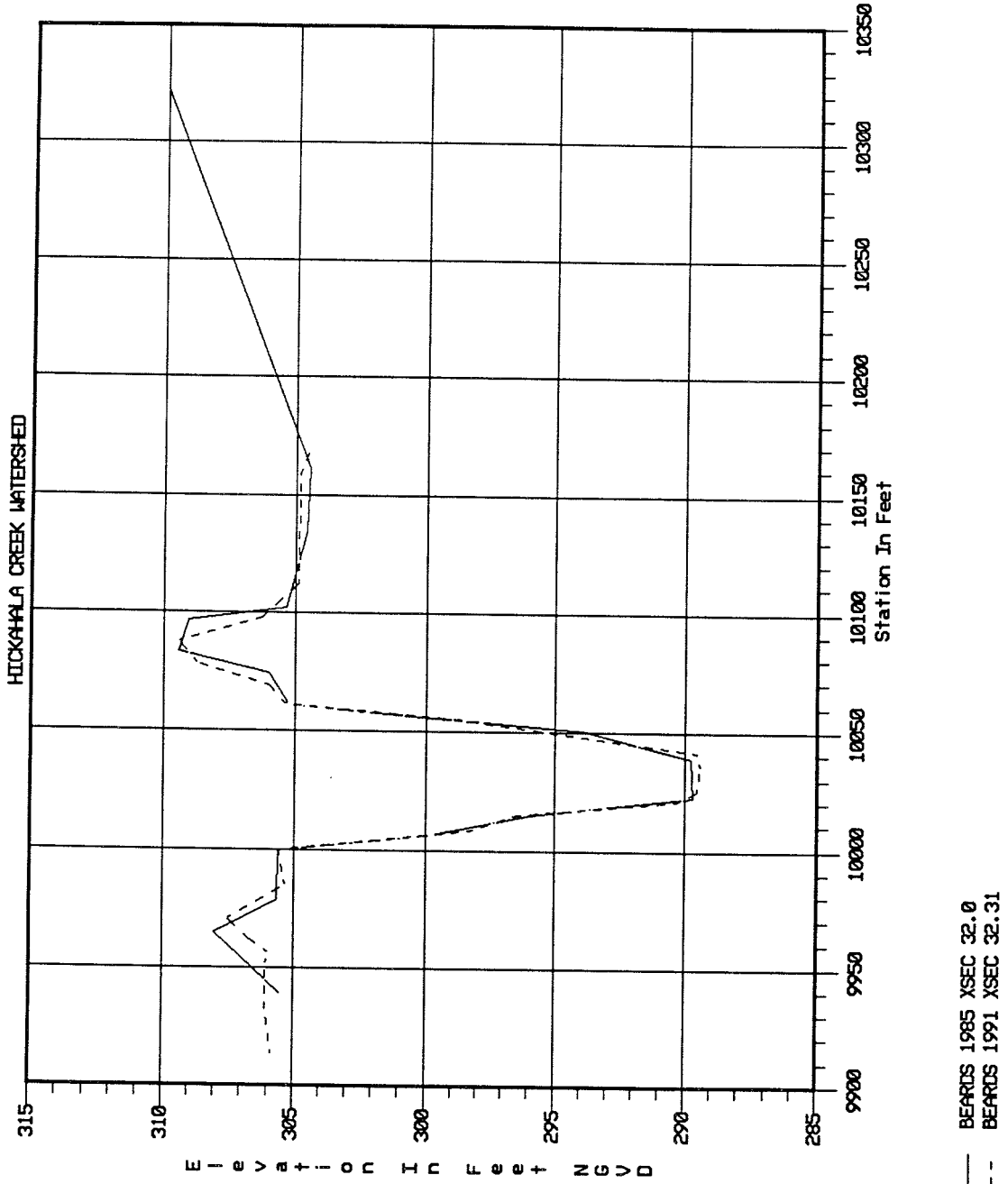
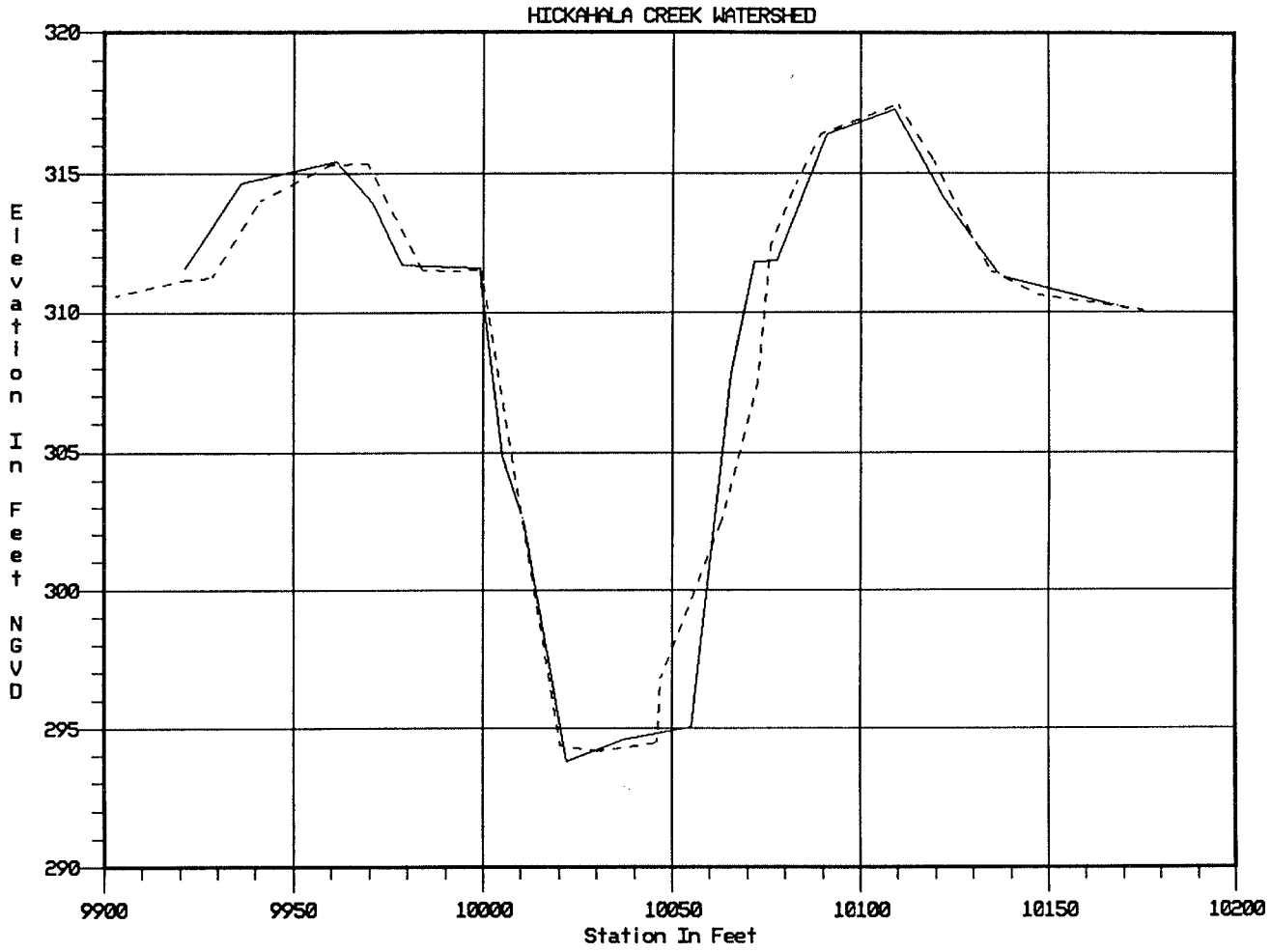

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
315
310
305
300
295
290
285
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
BEARDS 1985 XSEC 32.0
BEARDS 1991 XSEC 32.31

PLATE A84



BEARDS 1985 XSEC 61.0
BEARDS 1991 XSEC 61.19

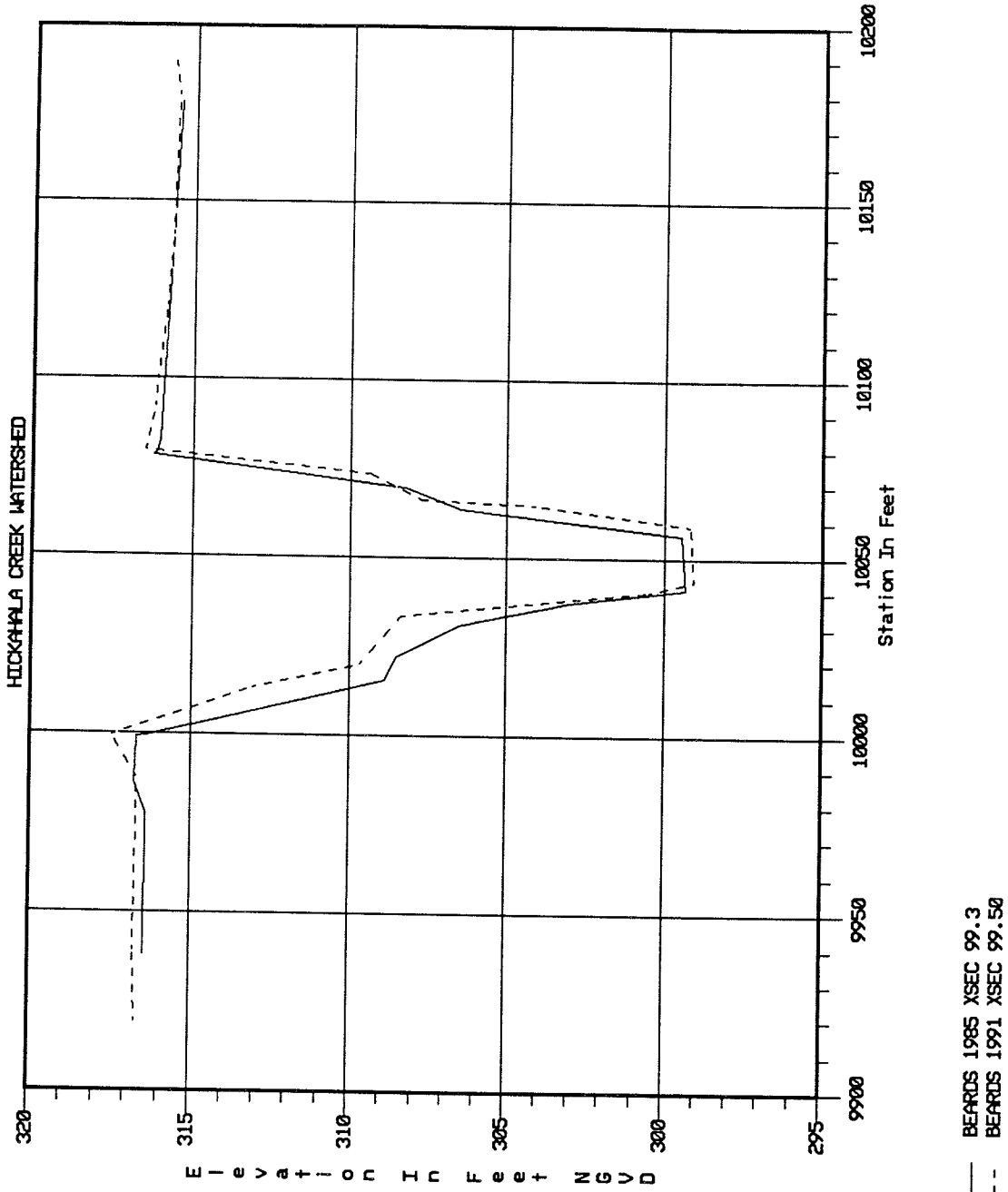
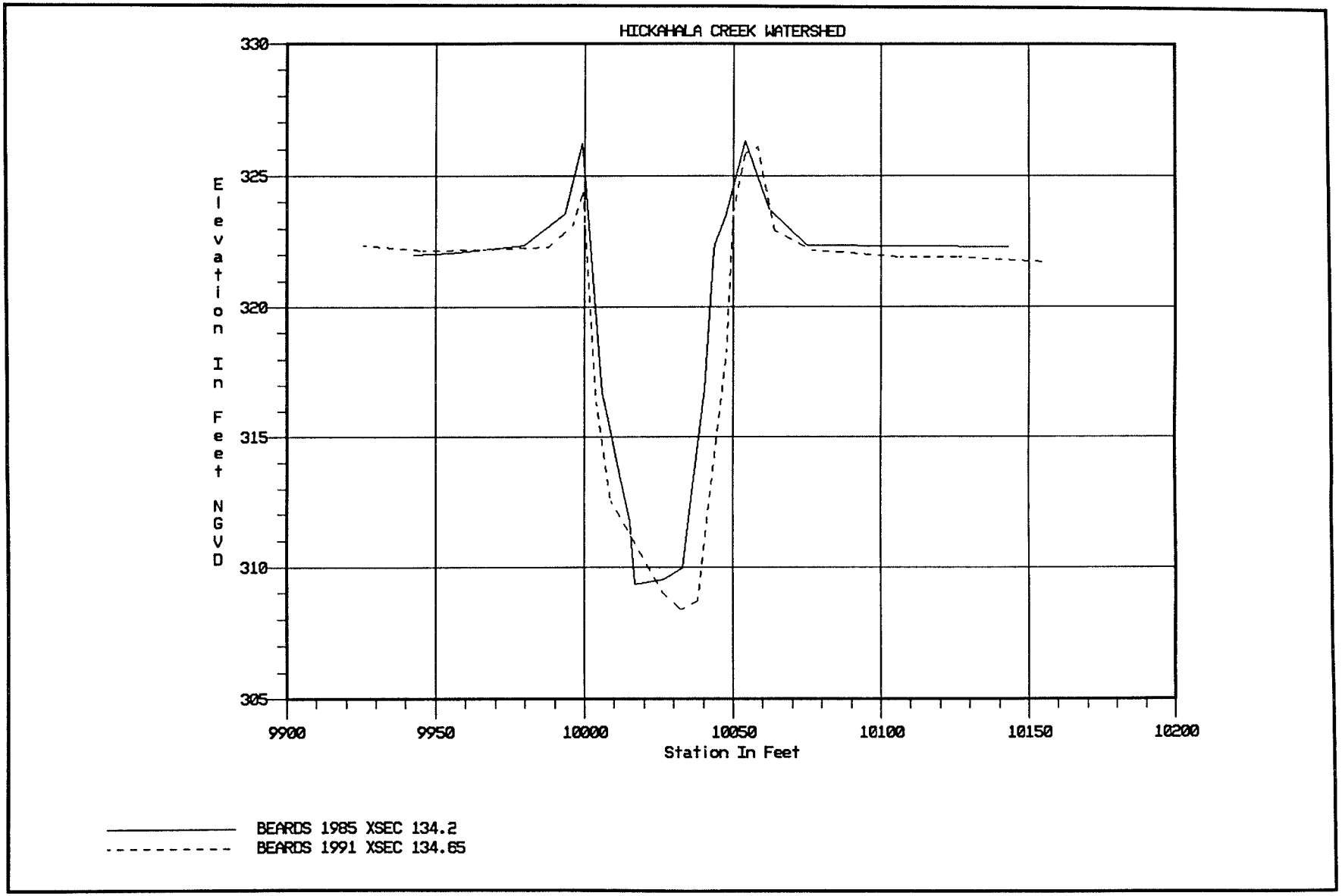

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
320
315
310
305
300
295
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BEARDS 1985 XSEC 99.3
BEARDS 1991 XSEC 99.50

PLATE A86


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
330
325
320
315
310
305
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BEARDS 1985 XSEC 134.2
BEARDS 1991 XSEC 134.65

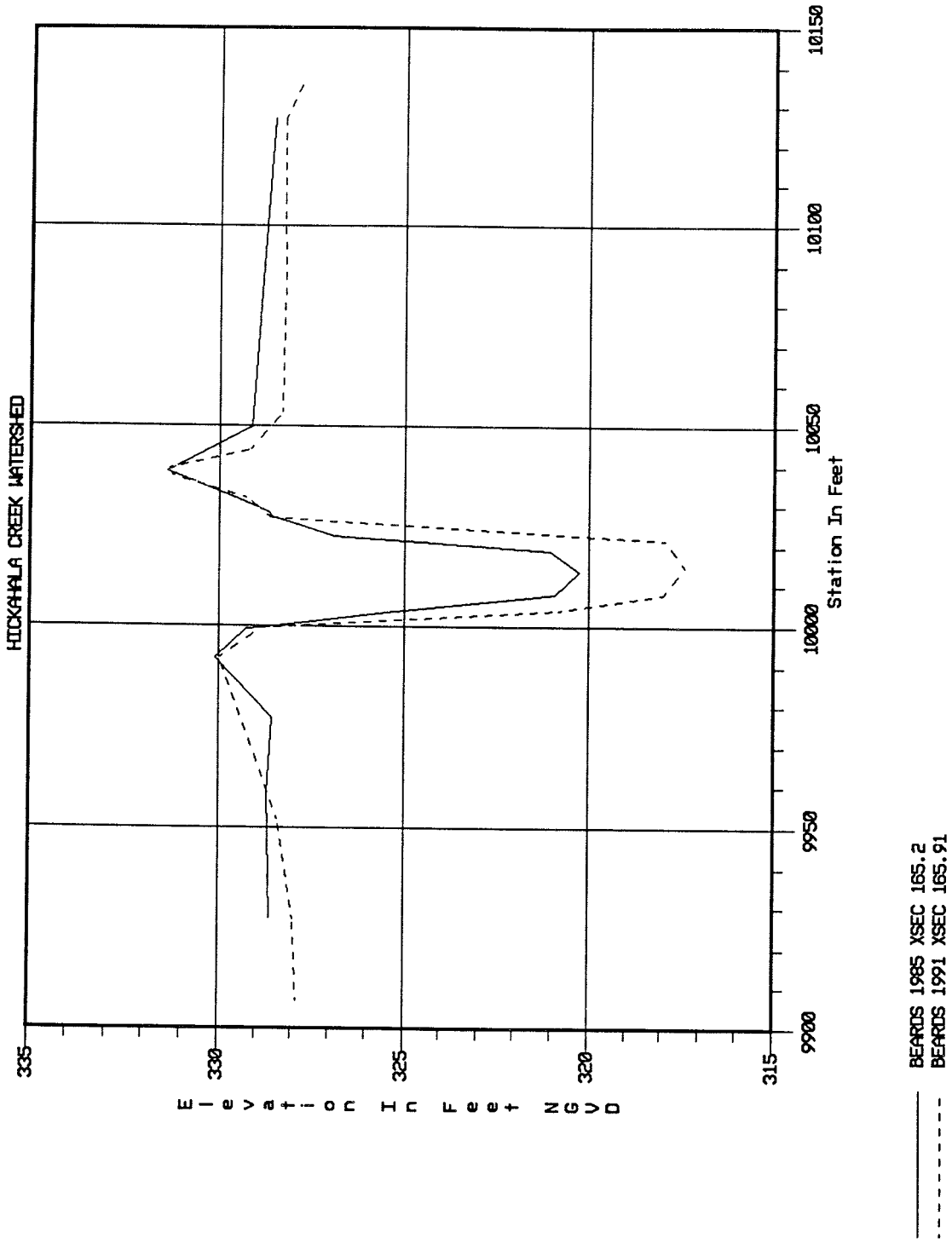
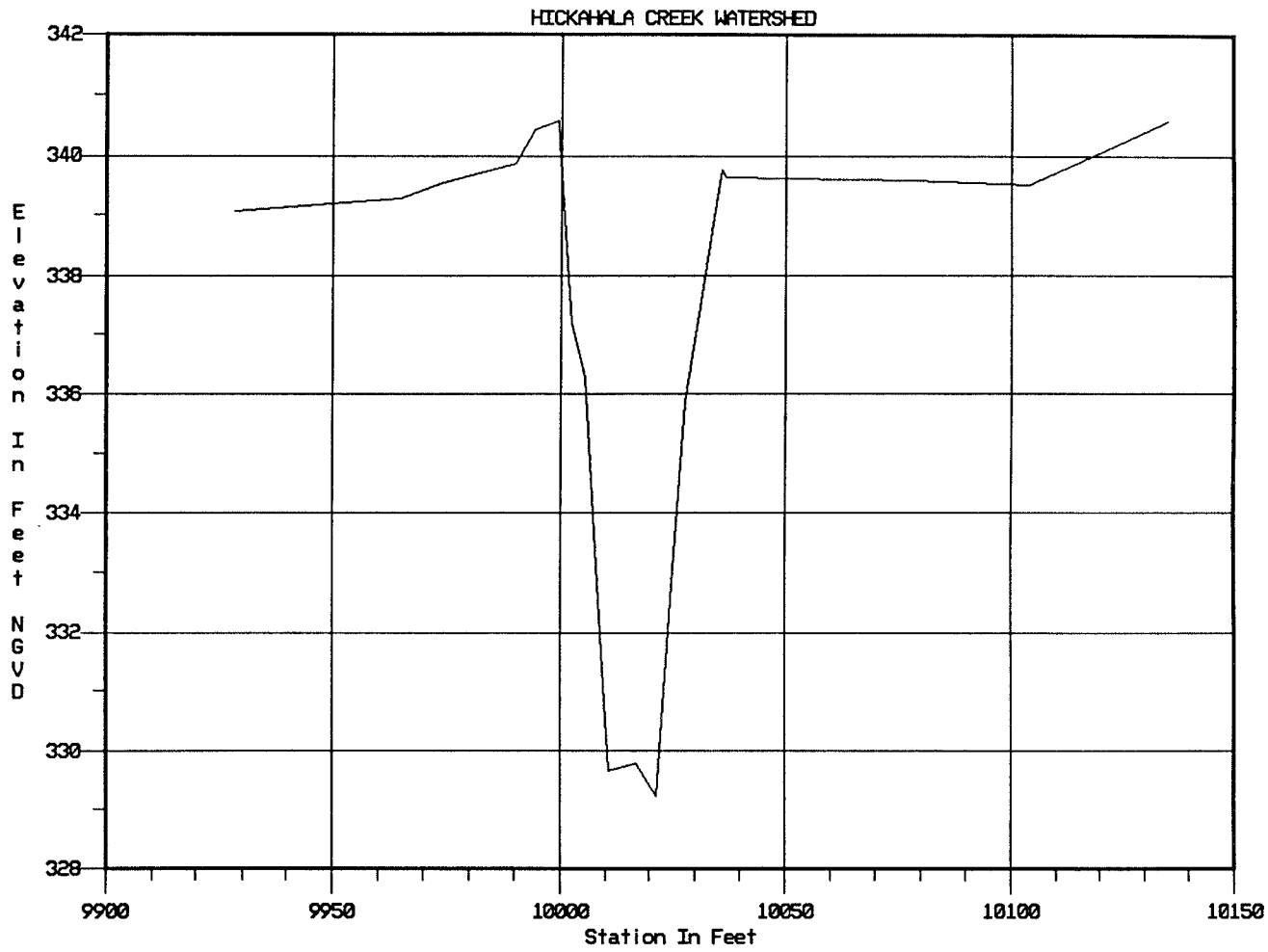

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
335
330
325
320
315
9900
9950
10000
10050
10100
10150
Station In Feet
BEARDS 1985 XSEC 165.2
BEARDS 1991 XSEC 165.91

PLATE A88



BEARDS 1985 XSEC 206.5

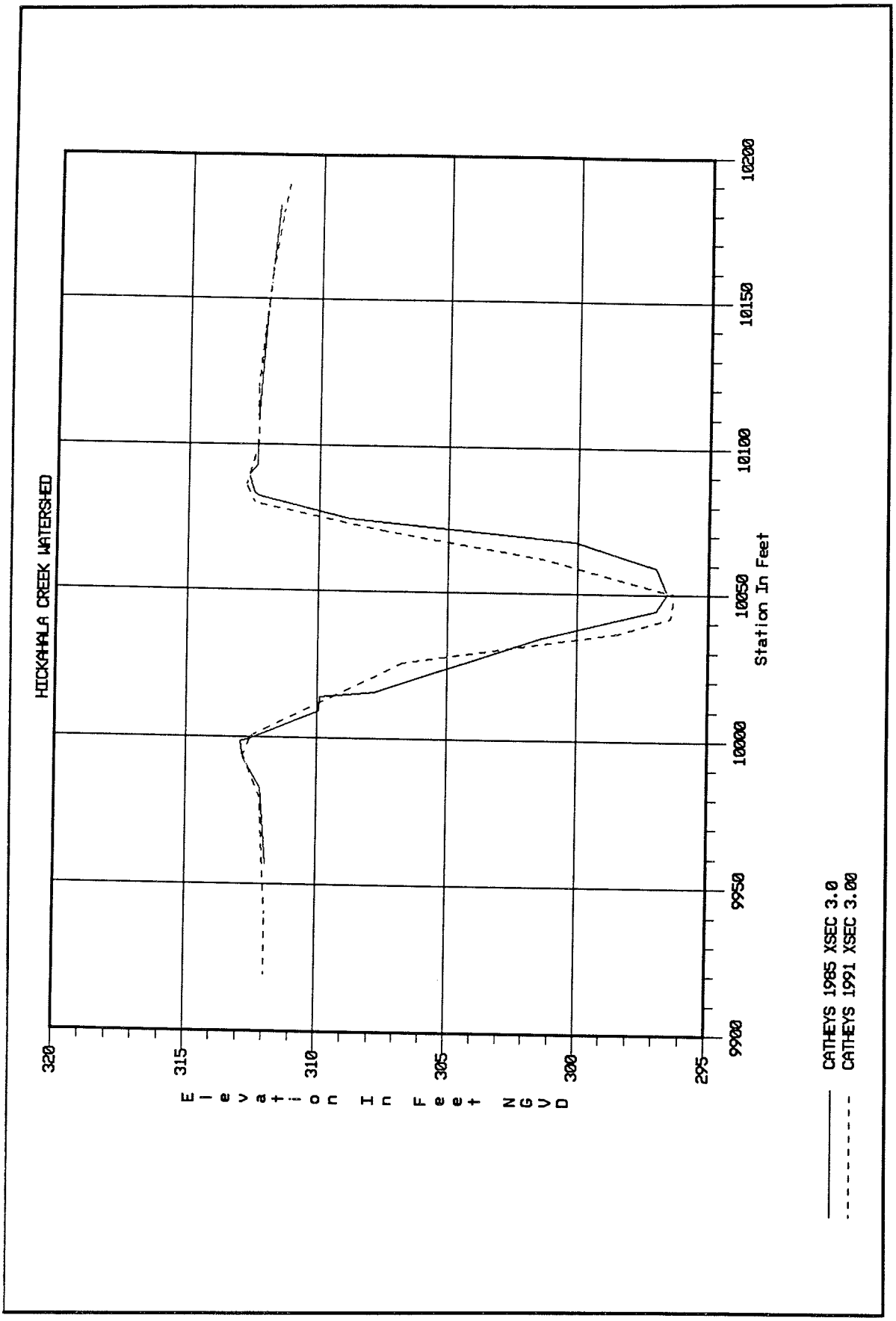
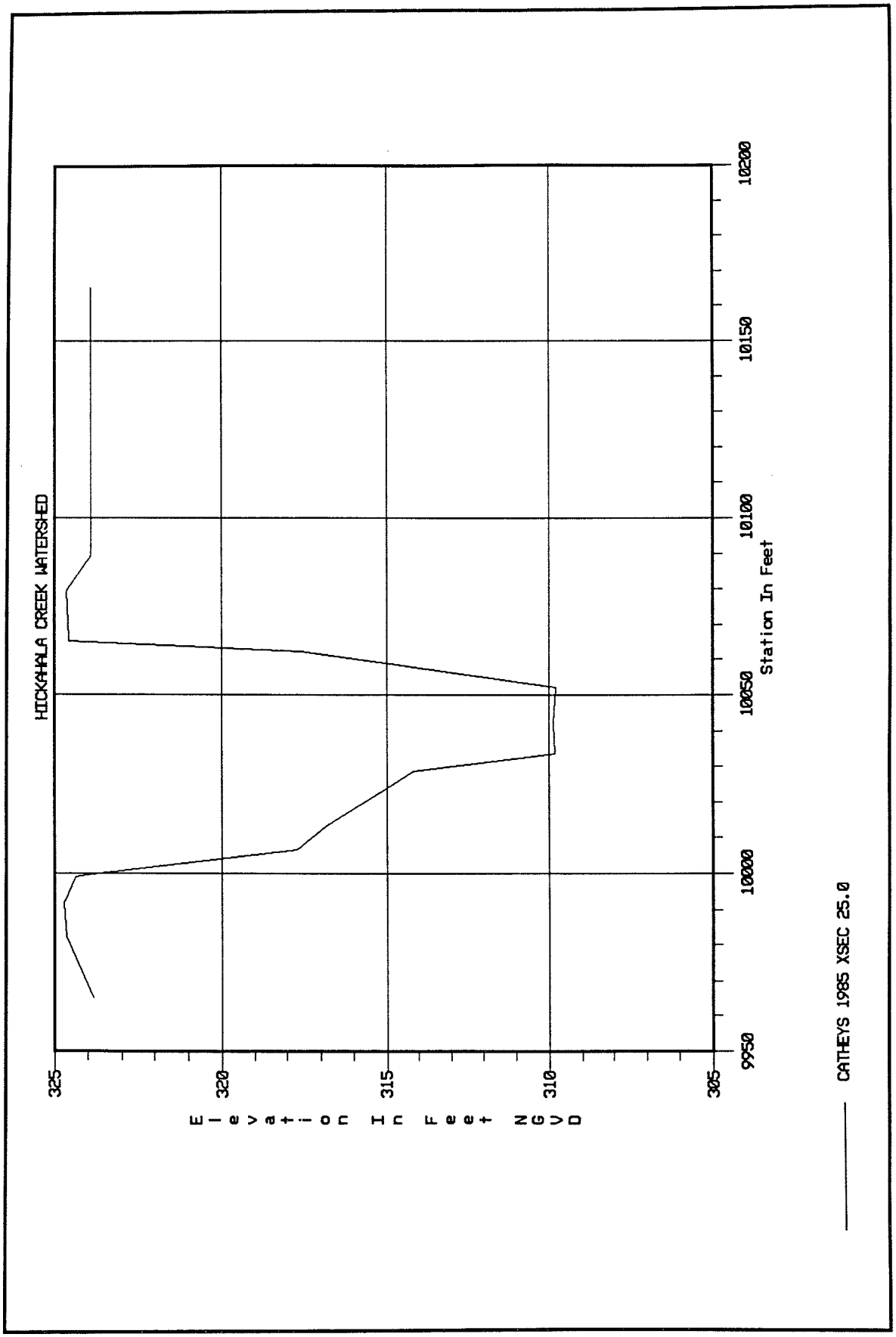

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
320
315
310
305
300
295
9900
9950
10000
10050
10100
10150
10200
Station In Feet
CATHEYS 1985 XSEC 3.0
CATHEYS 1991 XSEC 3.00

PLATE A90


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
325
320
315
310
305
9950
10000
10050
10100
10150
10200
Station In Feet
CATHEYS 1985 XSEC 25.0

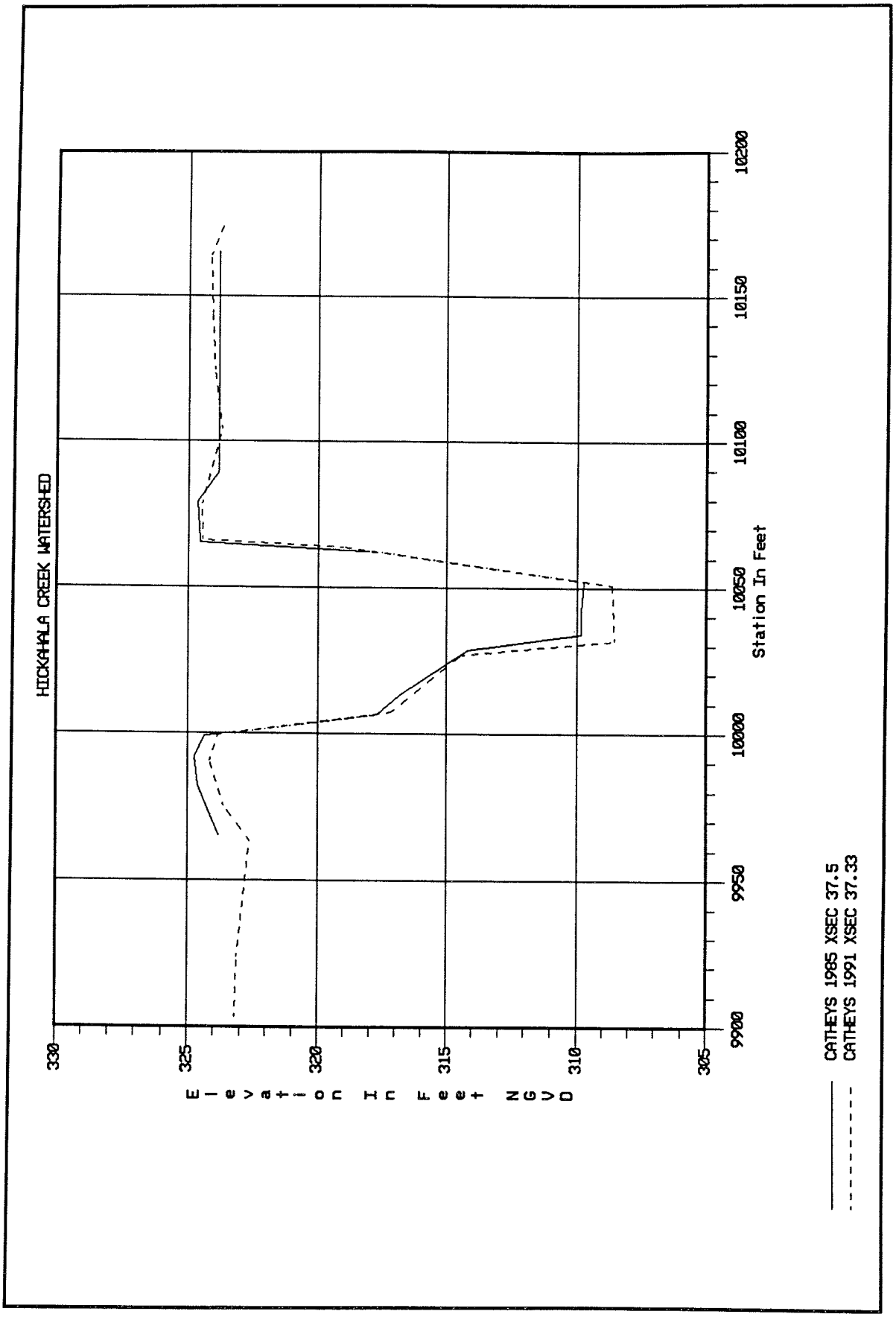
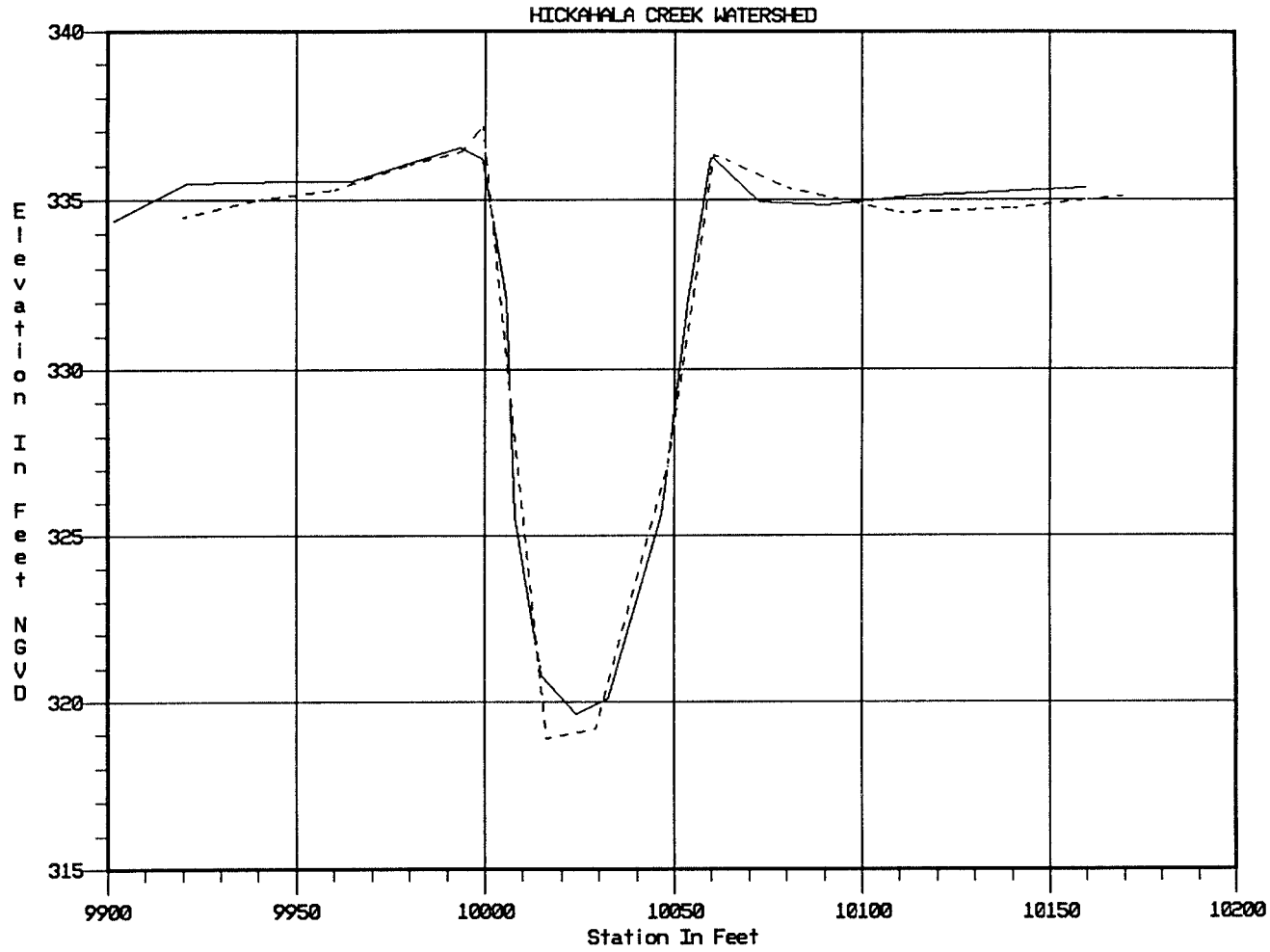
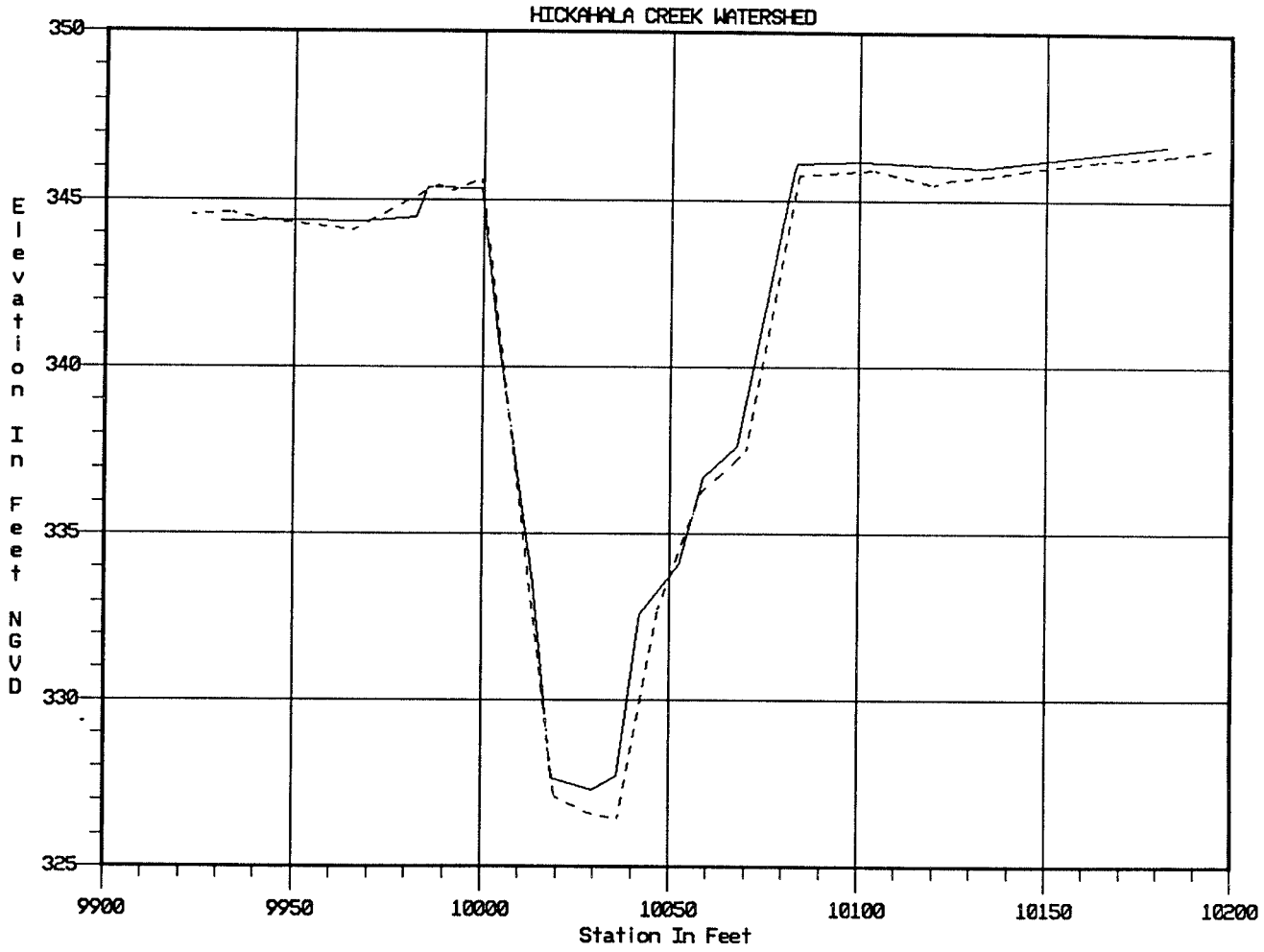

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
330
325
320
315
310
305
9900
9950
10000
10050
10100
10150
10200
Station In Feet
CATHEYS 1985 XSEC 37.5
CATHEYS 1991 XSEC 37.33

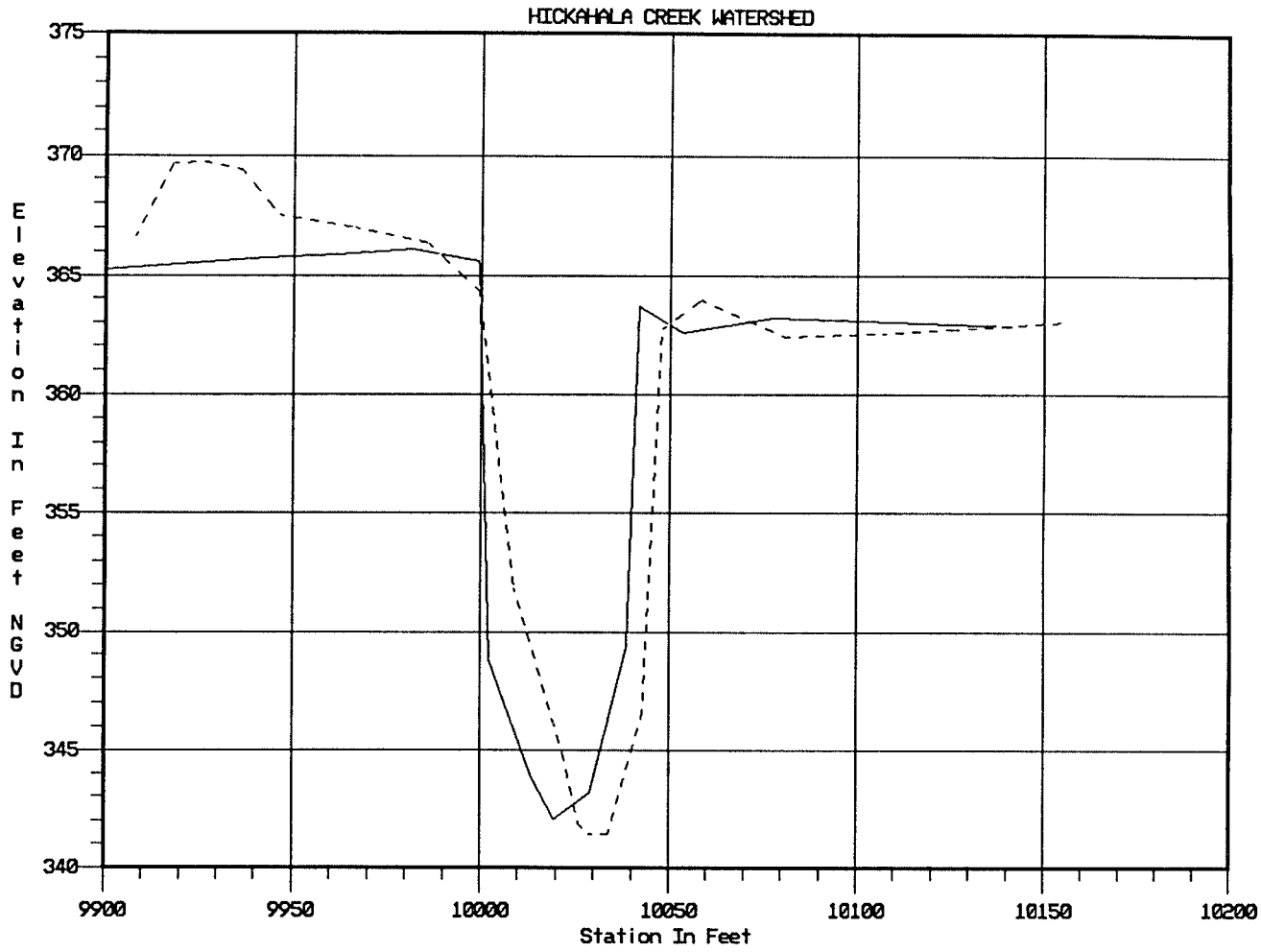
PLATE A92



CATHEYS 1985 XSEC 76.8
CATHEYS 1991 XSEC 77.20



CATHEYS 1985 XSEC 111.0
CATHEYS 1991 XSEC 111.74


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
375
370
365
360
355
350
345
340
9900
9950
10000
10050
10100
10150
10200
Station In Feet
CATHEYS 1985 XSEC 158.5
CATHEYS 1991 XSEC 160.26

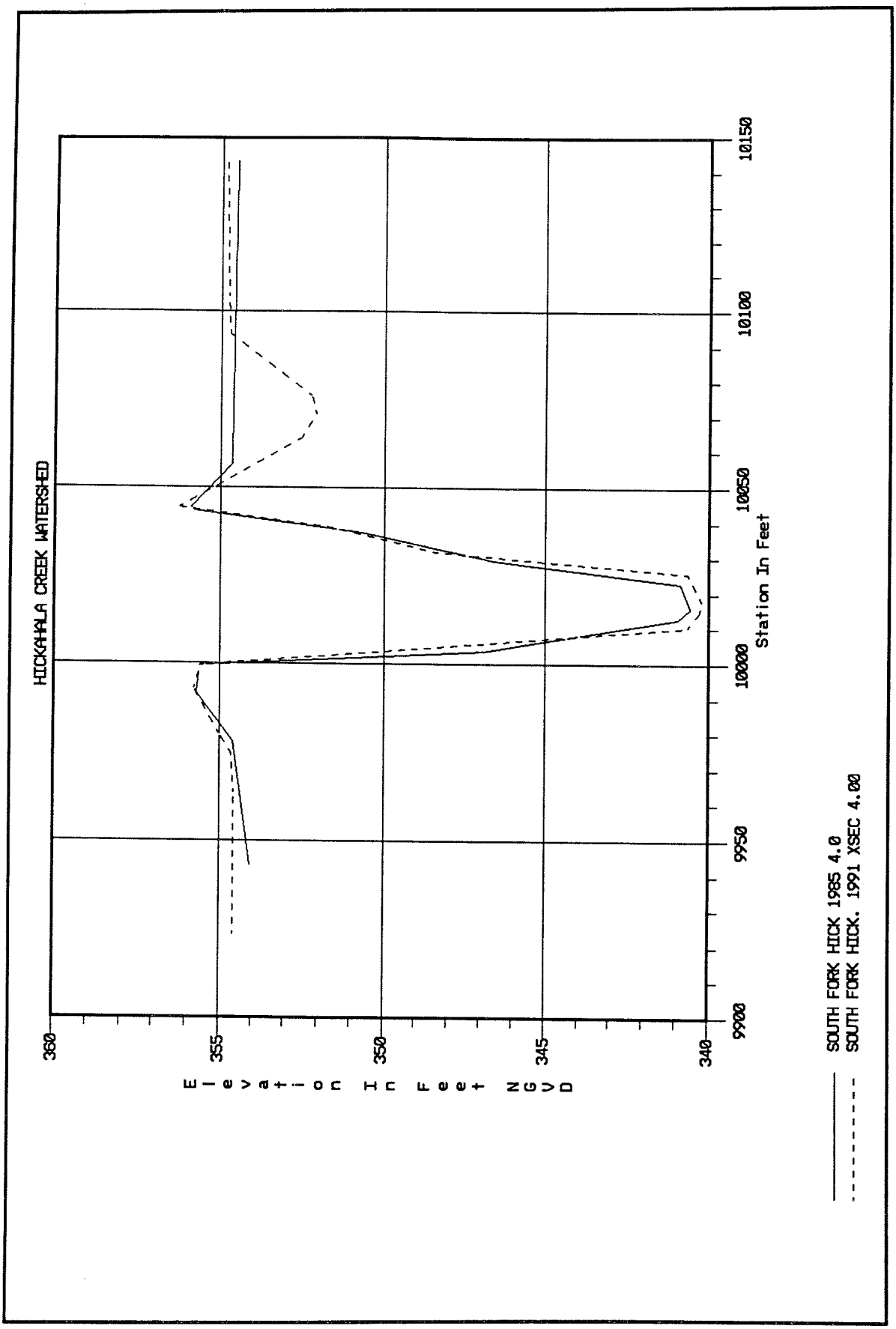
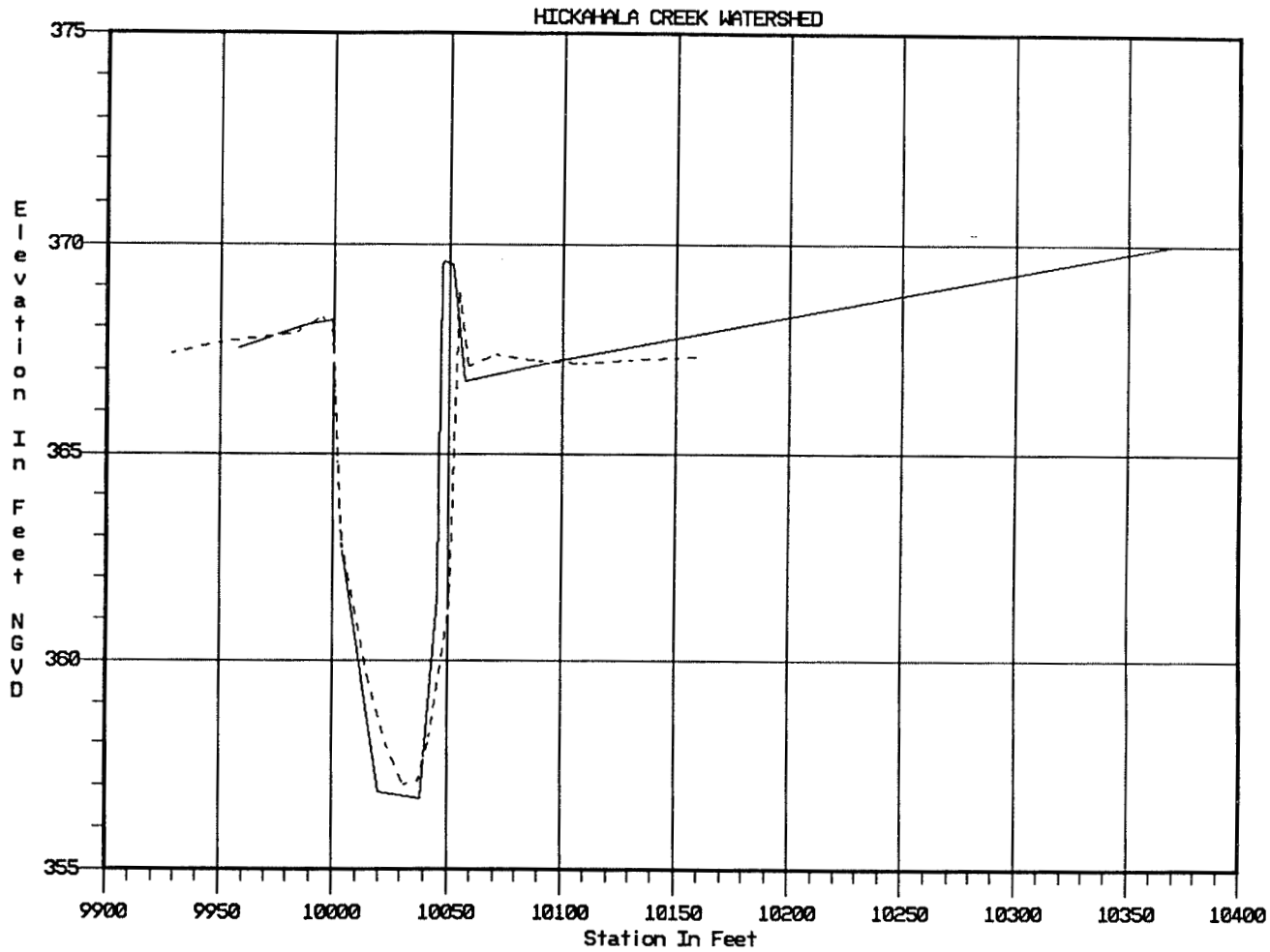

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
360
355
350
345
340
9900
9950
10000
10050
10100
10150
Station In Feet
SOUTH FORK HICK 1985 4.0
SOUTH FORK HICK. 1991 XSEC 4.00

PLATE A96



SOUTH FORK HICK 1985 45.8
SOUTH FORK HICK. 1991 XSEC 45.40

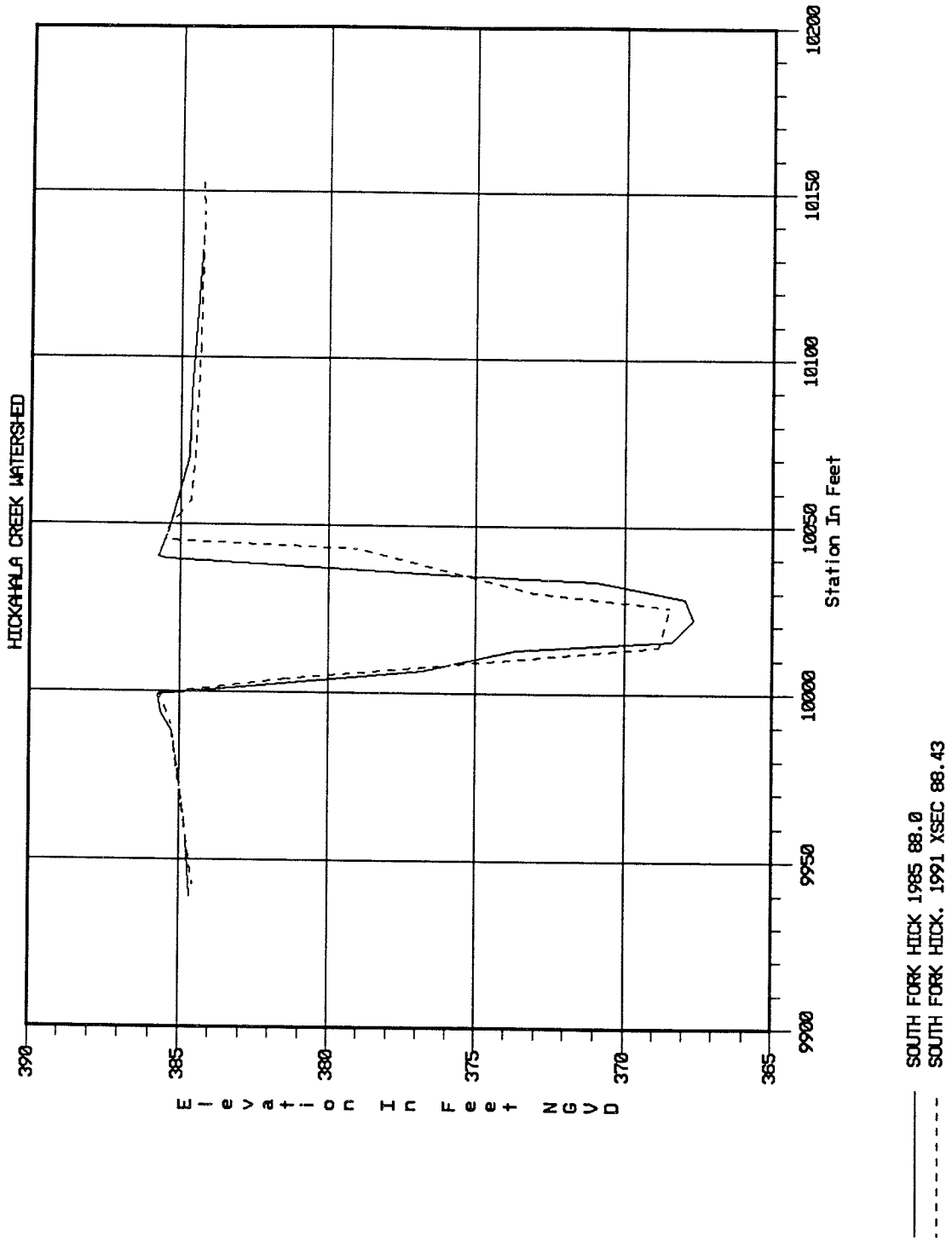
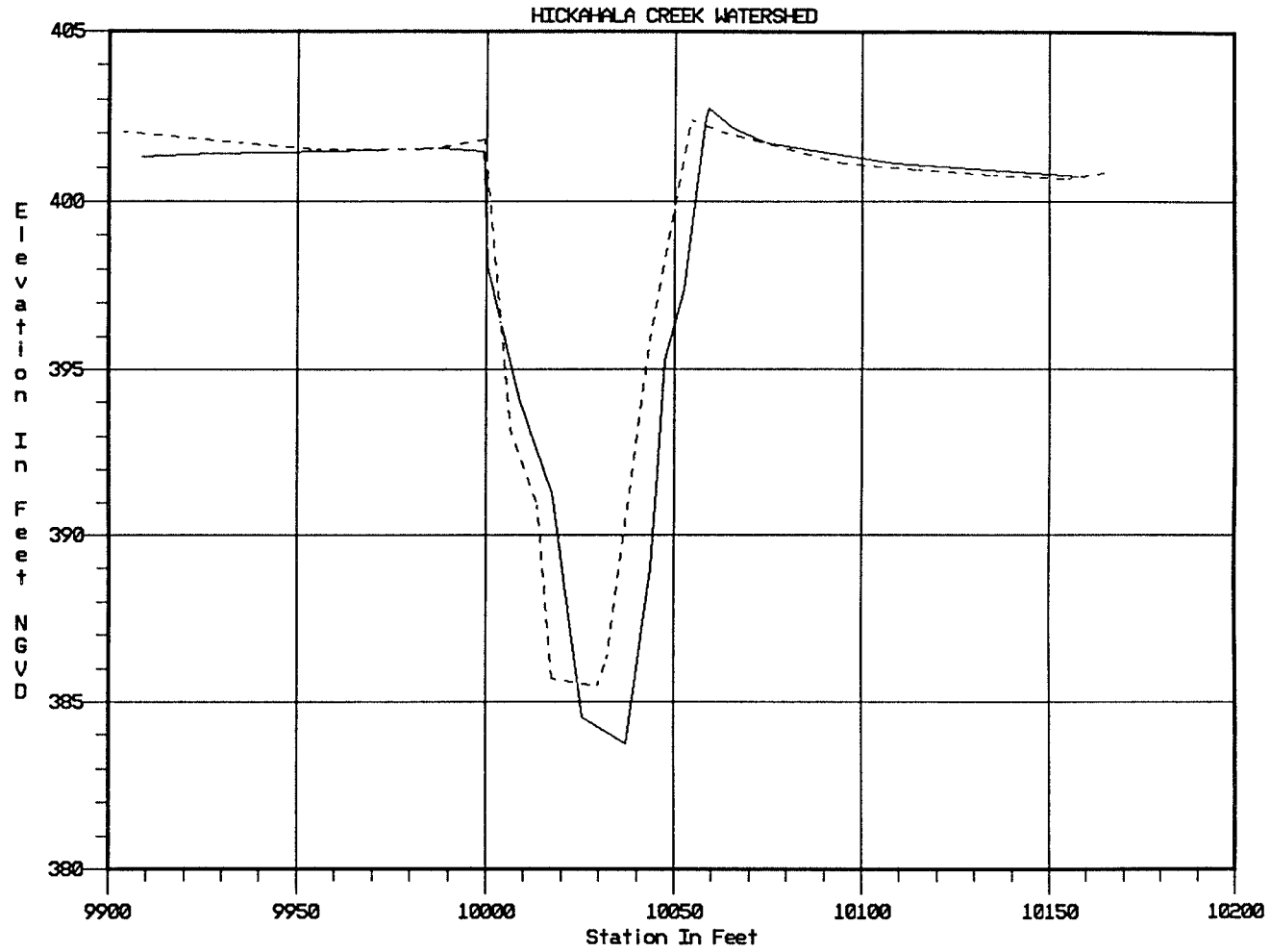

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
390
385
380
375
370
365
9900
9950
10000
10050
10100
10150
10200
Station In Feet
SOUTH FORK HICK 1985 88.0
SOUTH FORK HICK. 1991 XSEC 88.43

PLATE A98



SOUTH FORK HICK 1985 128.5
SOUTH FORK HICK. 1991 XSEC 128.00

PLATE A99

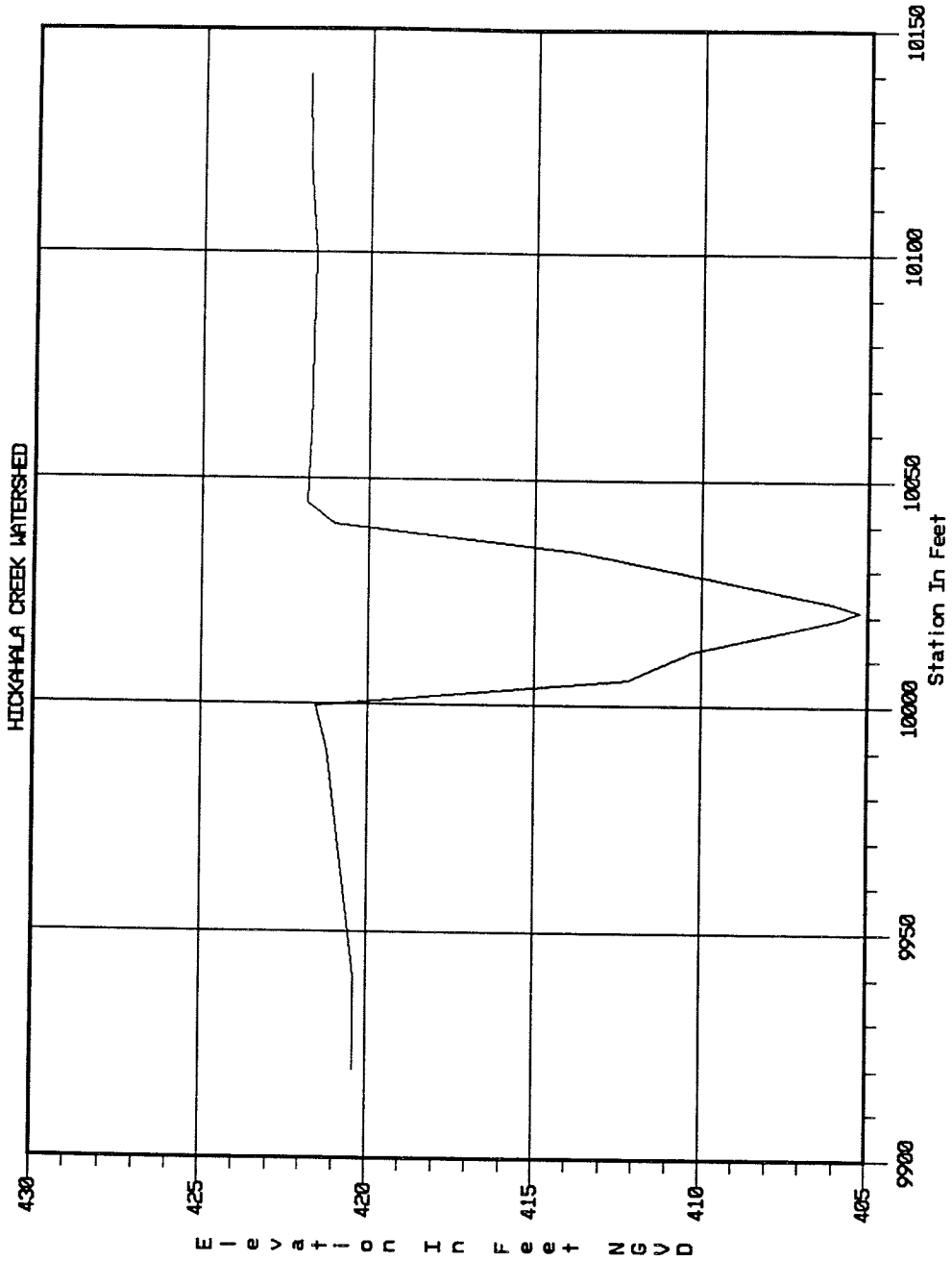
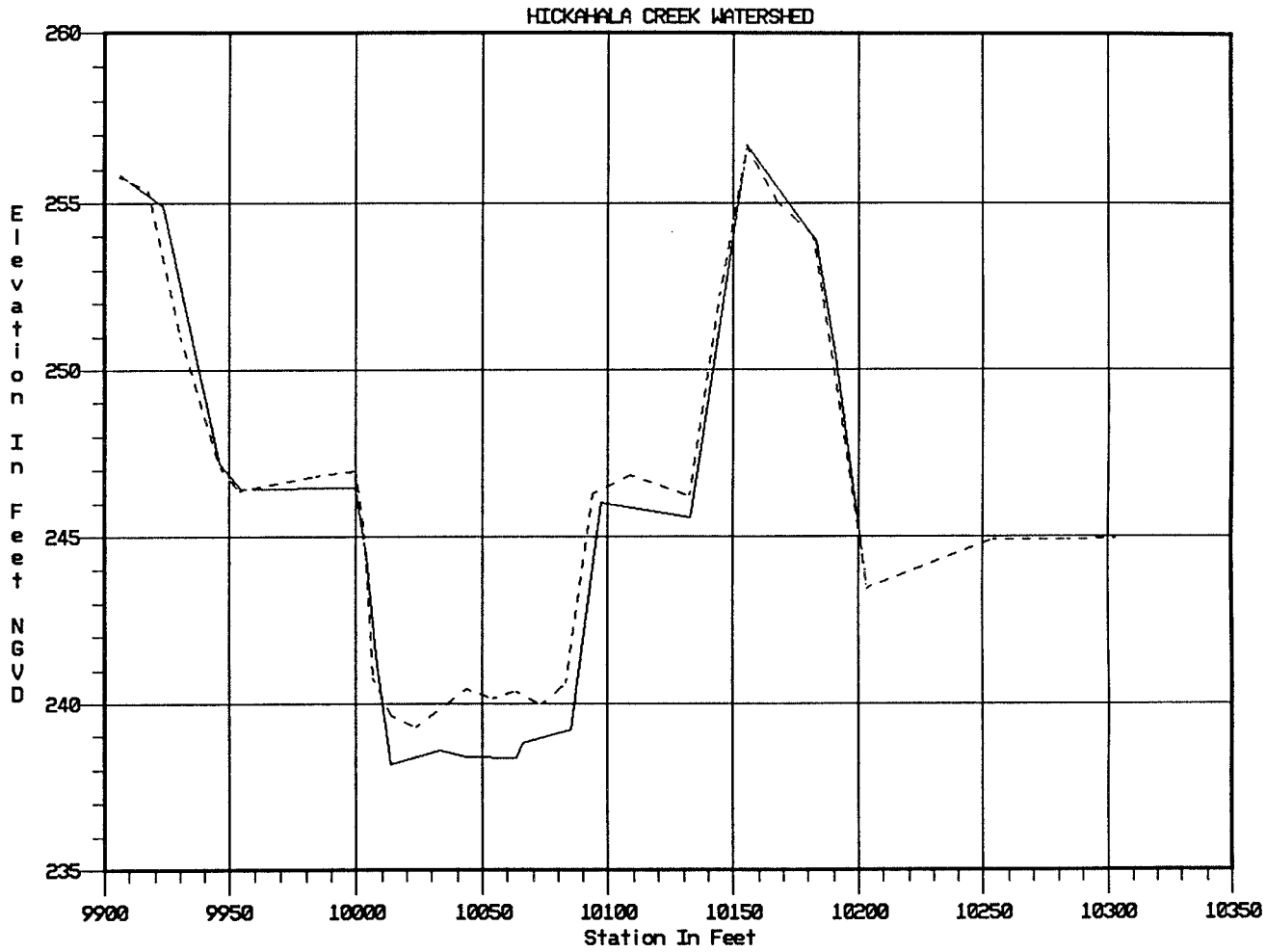

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
430
425
420
415
410
405
99900
99950
100000
100050
100100
100150
Station In Feet
SOUTH FORK HICK. 1991 XSEC 168.00

PLATE A100



SENATOBIA 1985 XSEC 8.30
SENATOBIA 1991 XSEC 8.27

PLATE A101

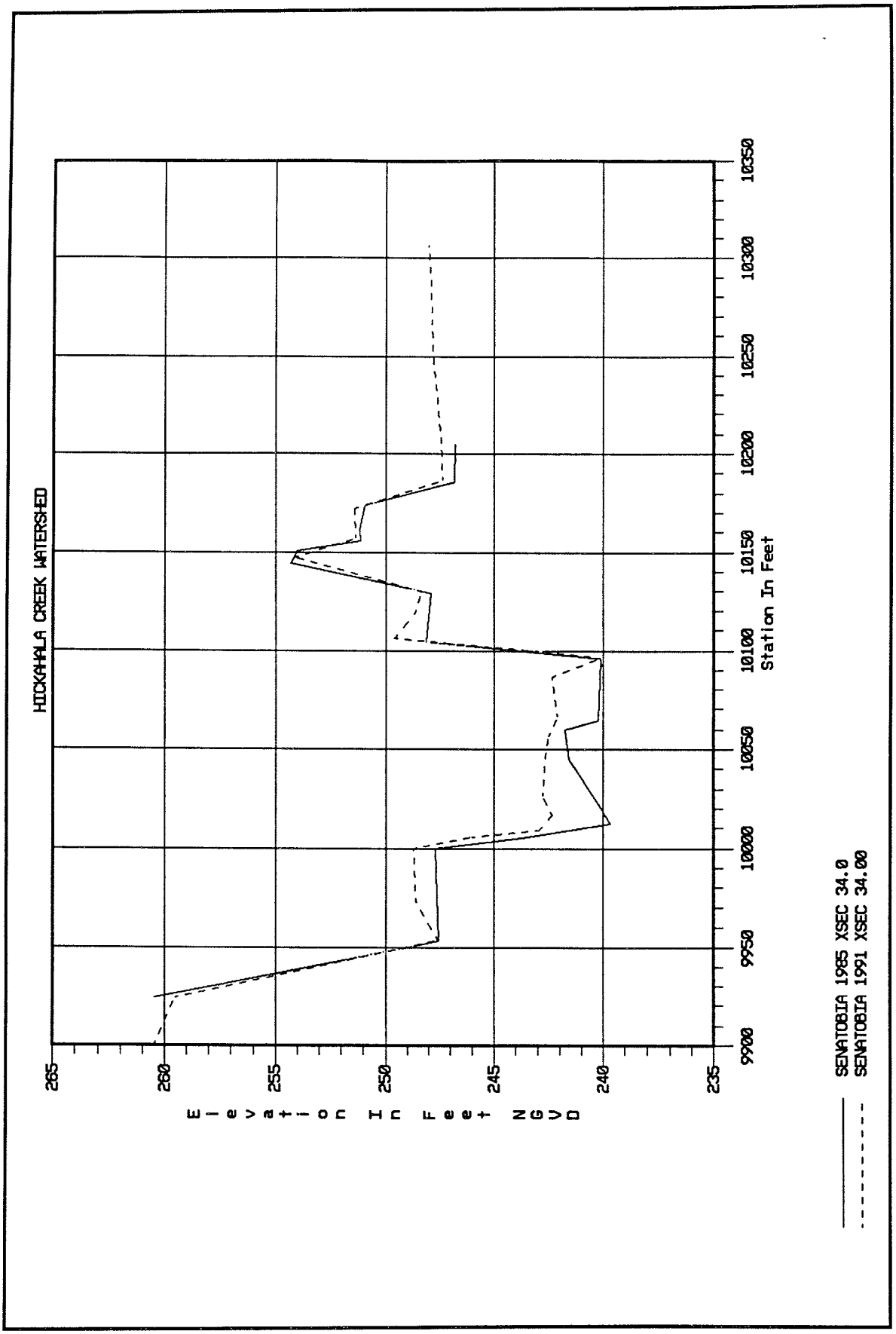
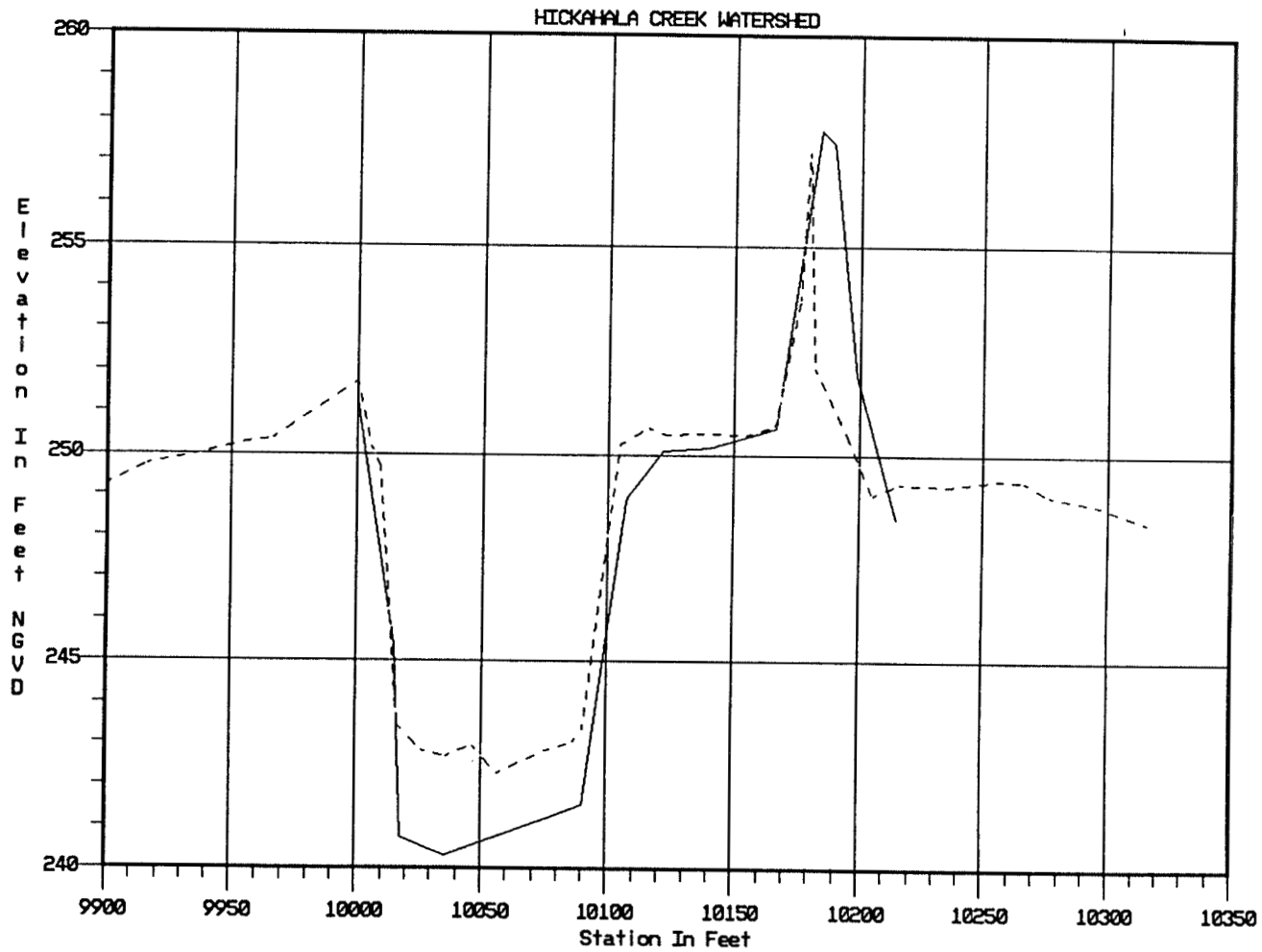

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
265
260
255
250
245
240
235
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
SENATOBIA 1985 XSEC 34.0
SENATOBIA 1991 XSEC 34.00

PLATE A102



SENATOBIA 1985 XSEC 62.0
SENATOBIA 1991 XSEC 62.00

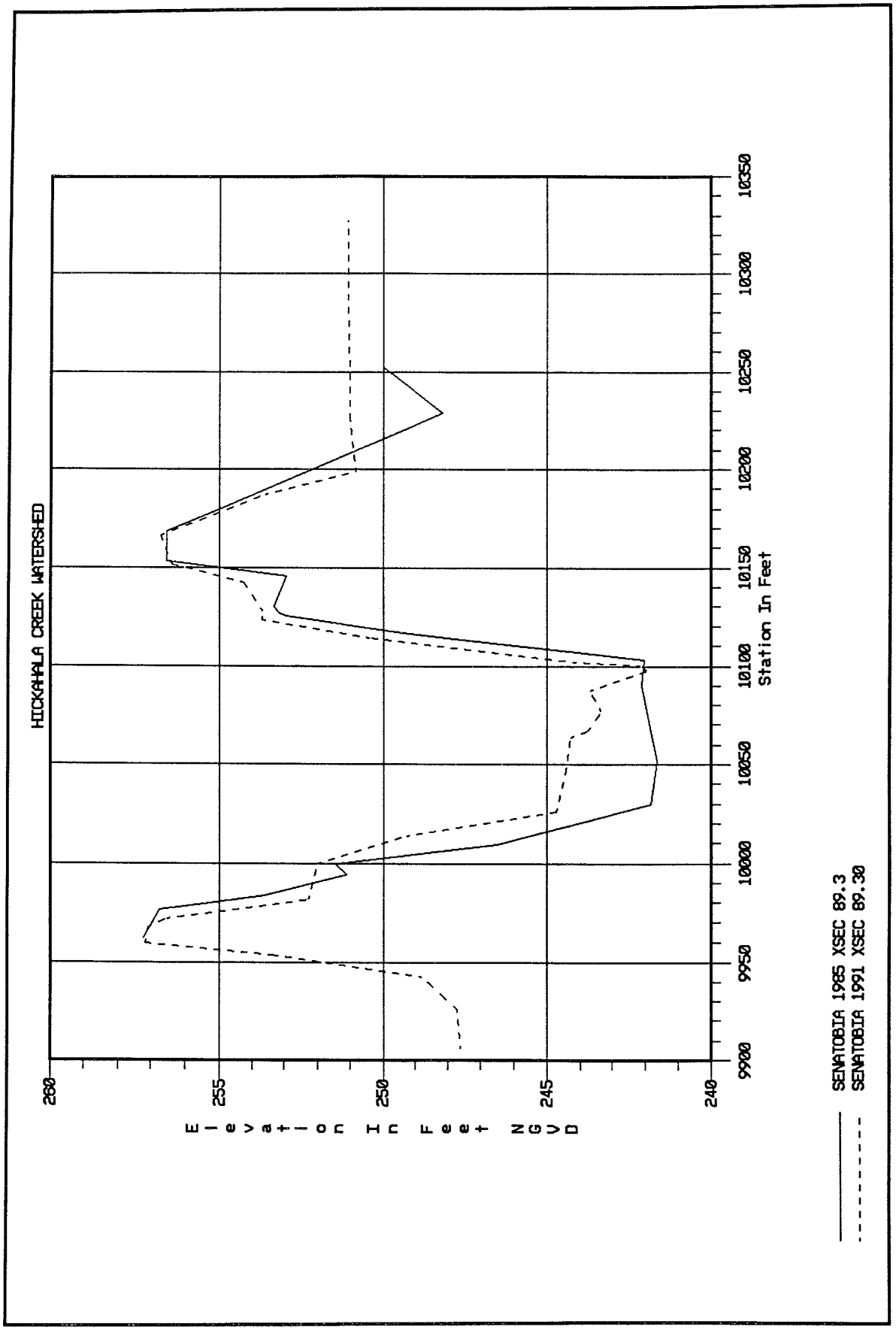

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
260
255
250
245
240
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
SENATOBIA 1985 XSEC 89.3
SENATOBIA 1991 XSEC 89.30

PLATE A104

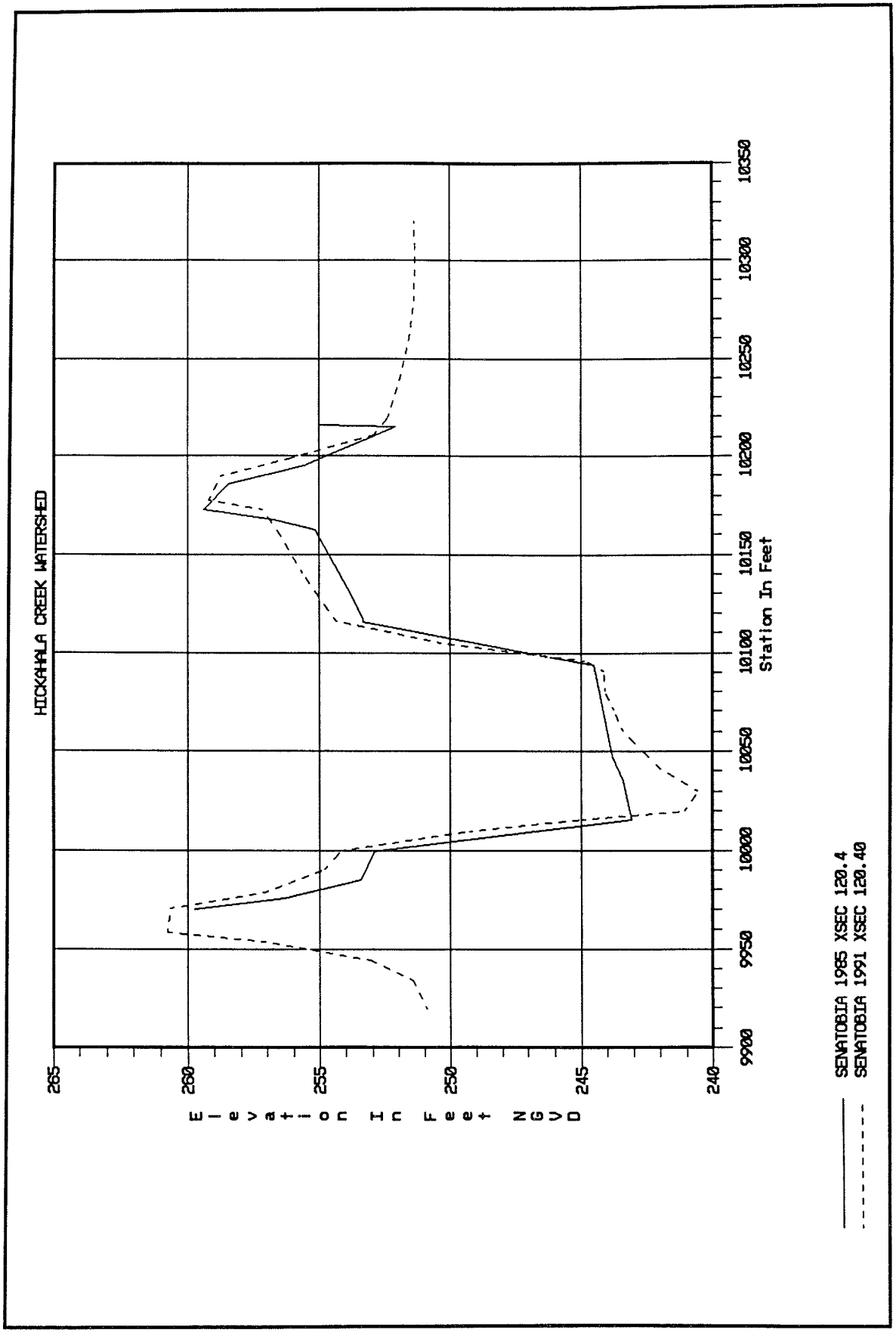

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
265
260
255
250
245
240
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
SENATOBIA 1985 XSEC 120.4
SENATOBIA 1991 XSEC 120.40

PLATE A105

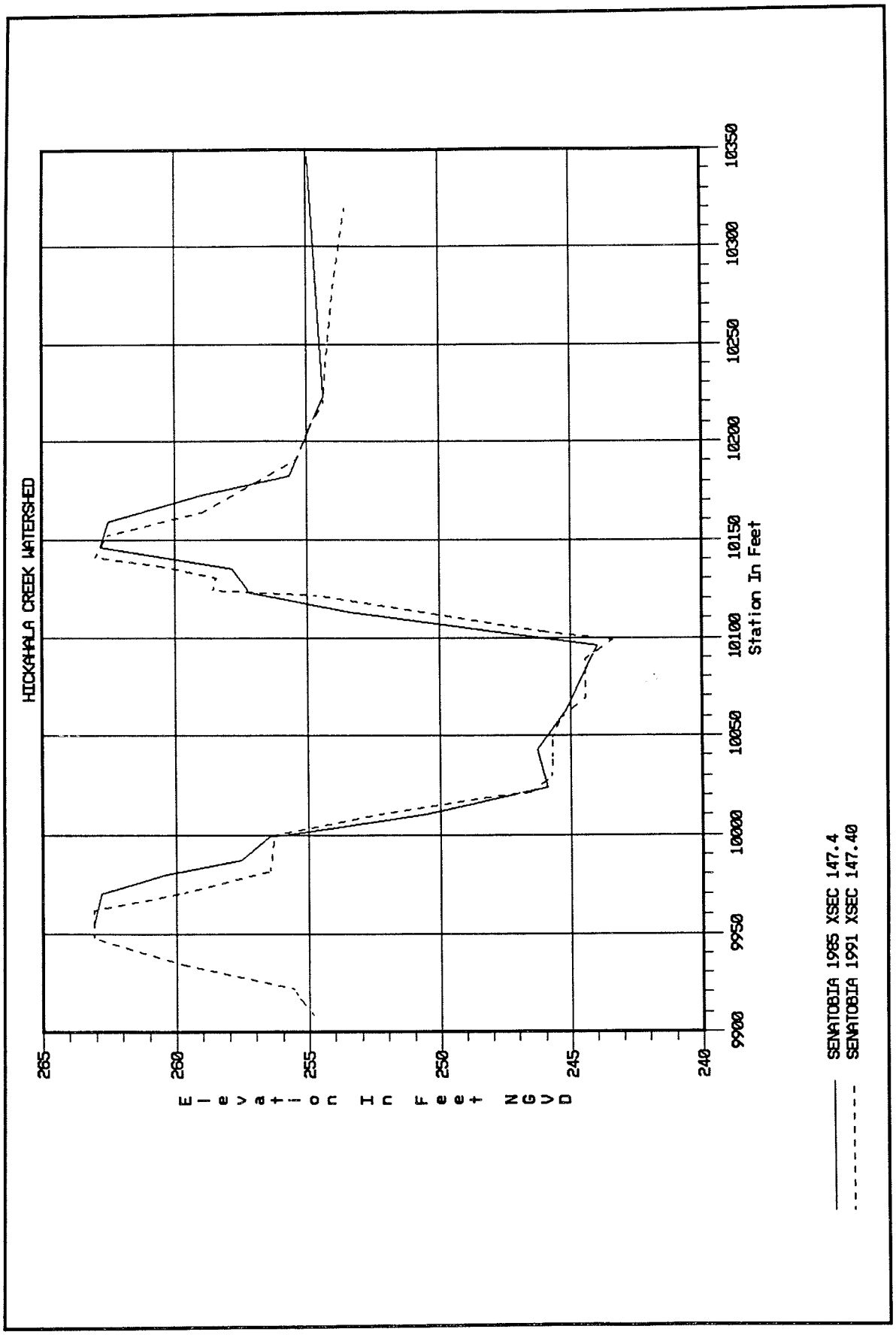
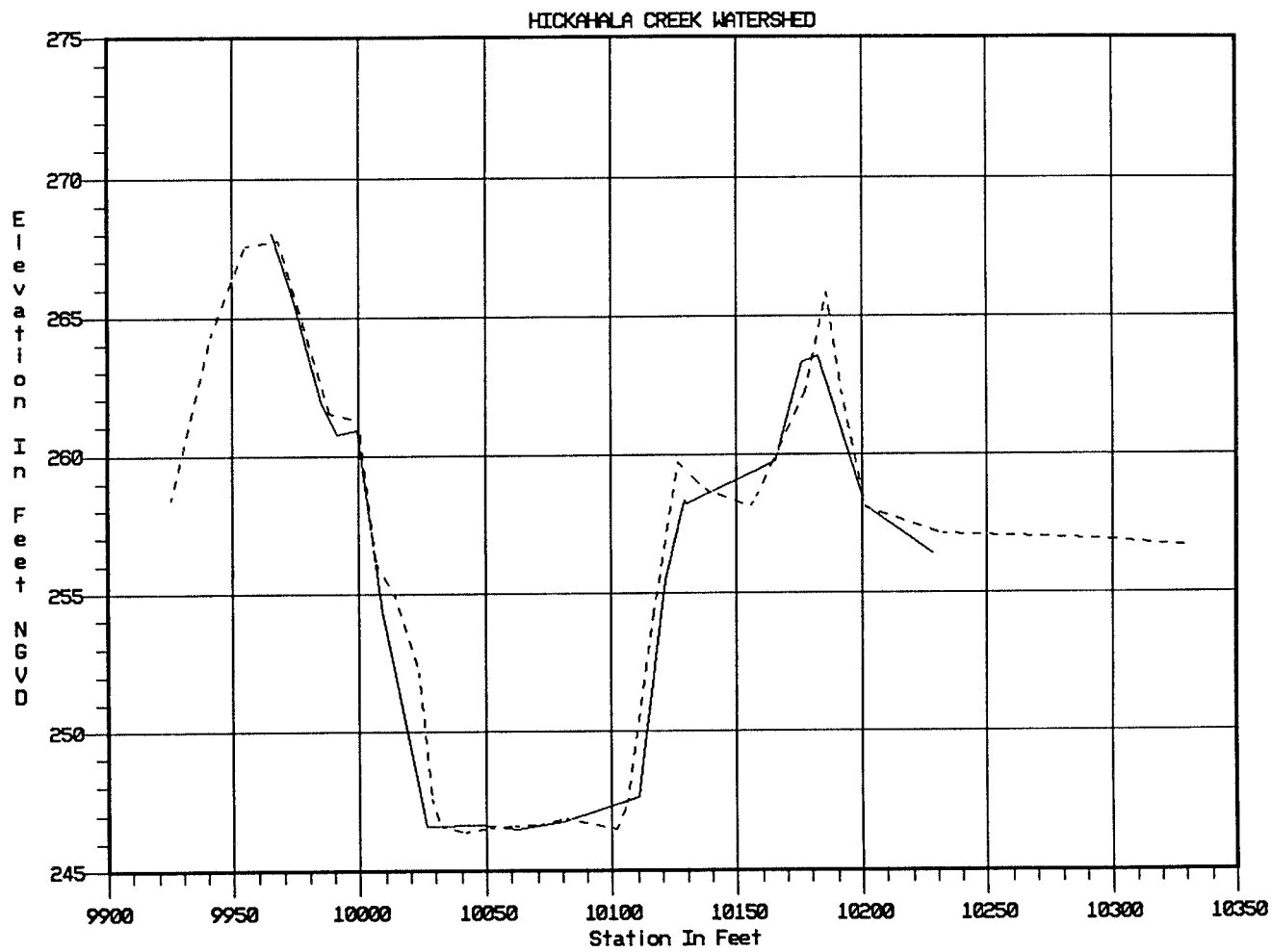

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
265
260
255
250
245
240
99900
99950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
SENATOBIA 1985 XSEC 147.4
SENATOBIA 1991 XSEC 147.40

PLATE A106



SENATOBIA 1985 XSEC 174.0
SENATOBIA 1991 XSEC 174.00

PLATE A107

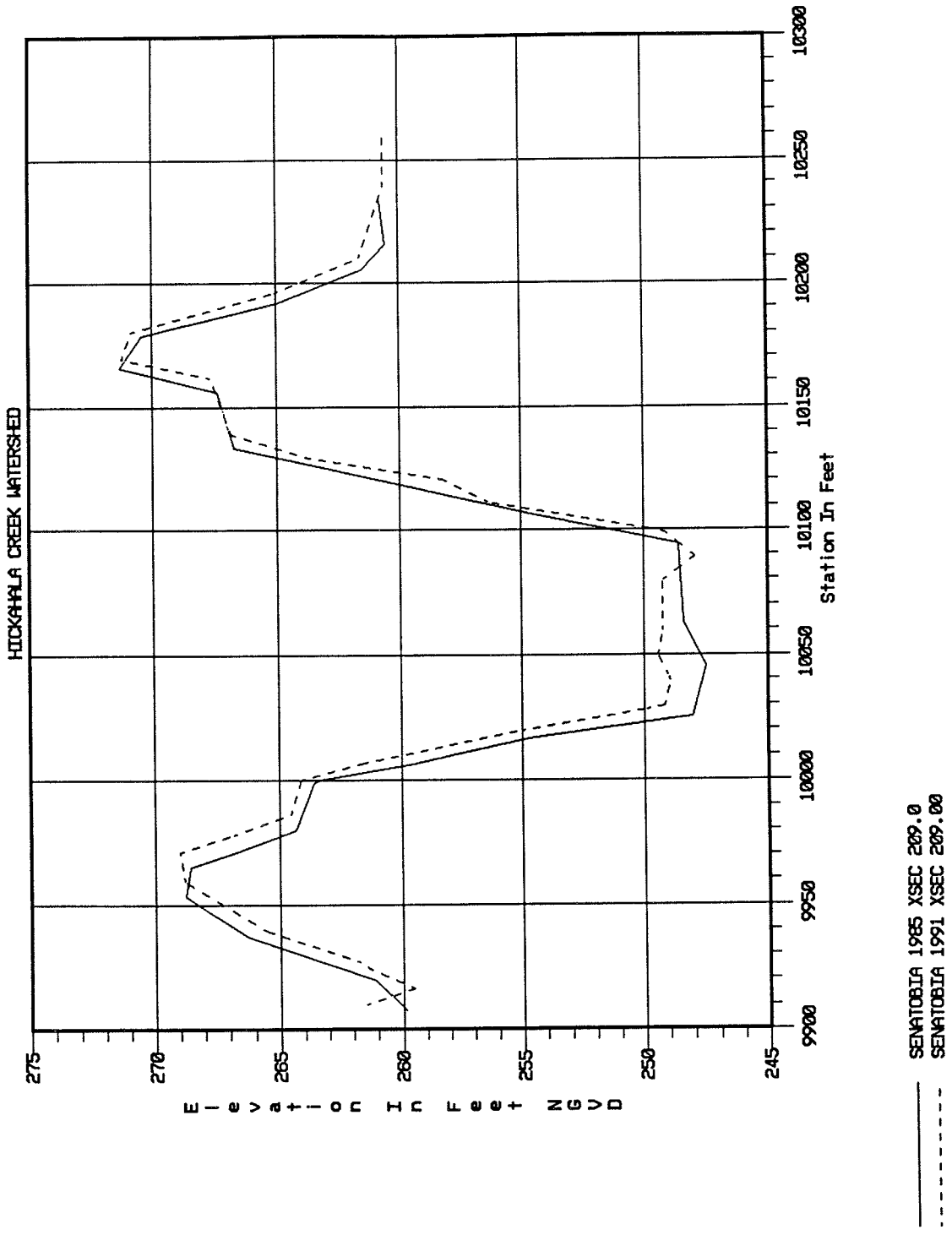
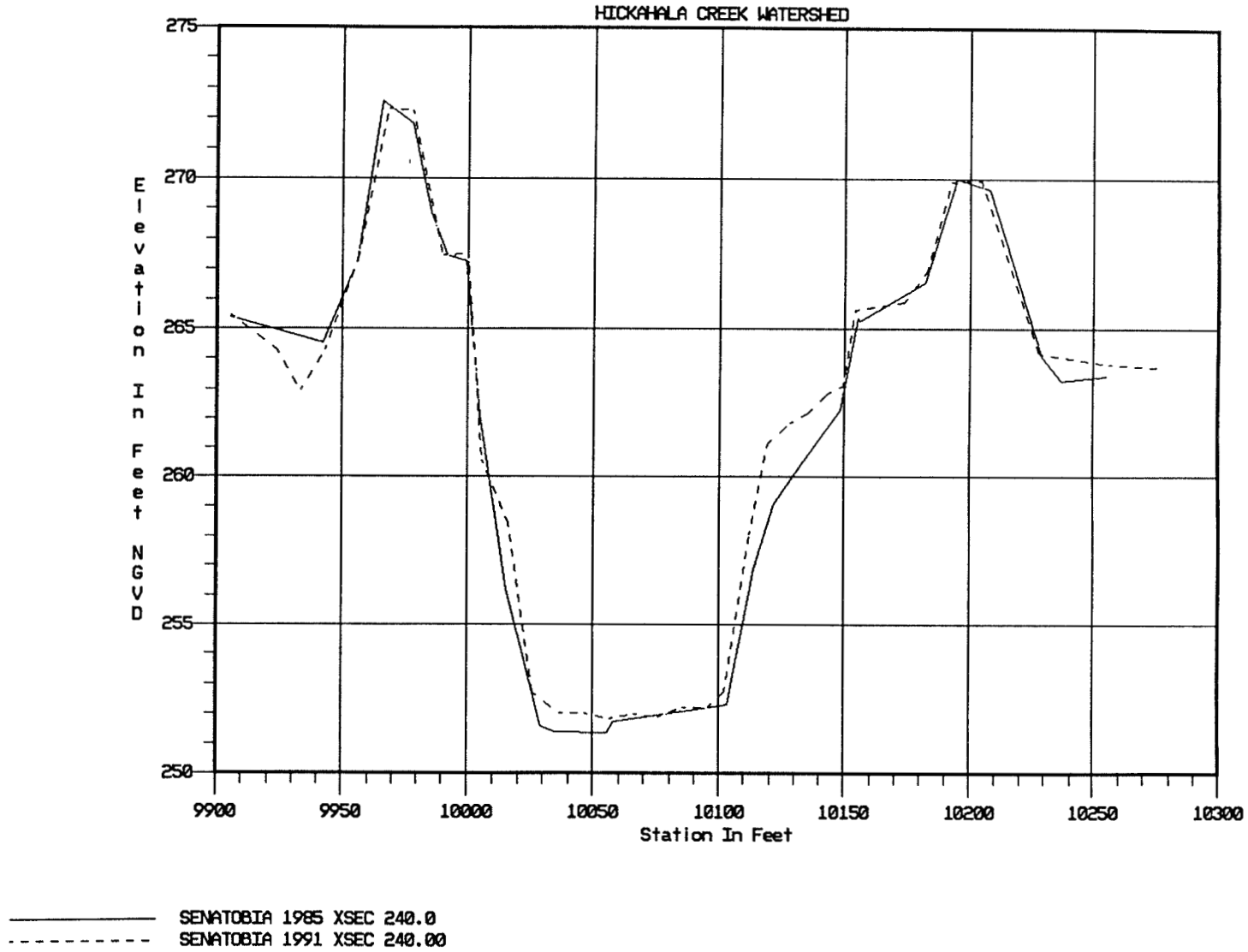

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
275
270
265
260
255
250
245
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
SENATOBIA 1985 XSEC 209.0
SENATOBIA 1991 XSEC 209.00

PLATE A108


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
275
270
265
260
255
250
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
SENATOBIA 1985 XSEC 240.0
SENATOBIA 1991 XSEC 240.00

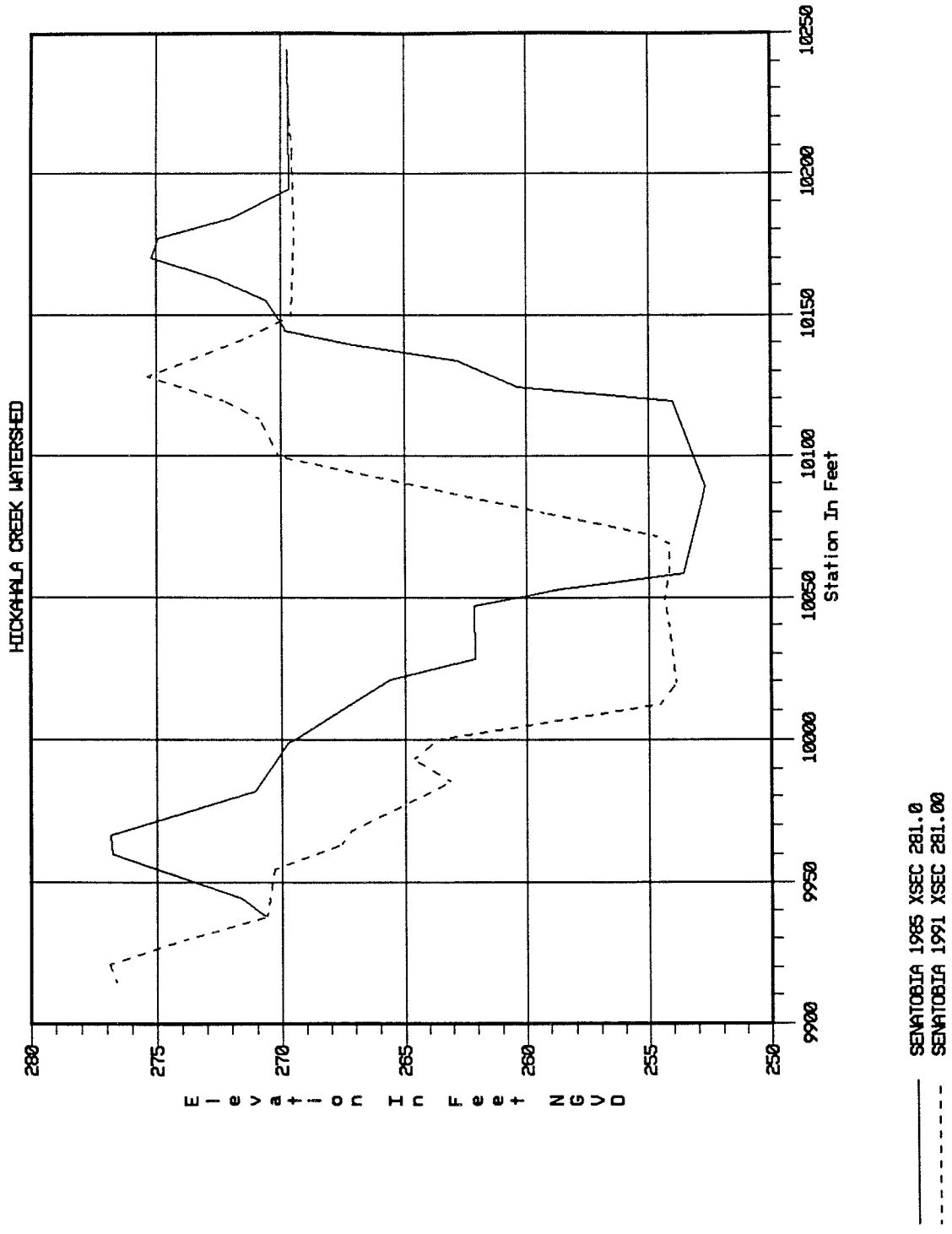

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
280
275
270
265
260
255
250
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
SENATOBIA 1985 XSEC 281.0
SENATOBIA 1991 XSEC 281.00

PLATE A110

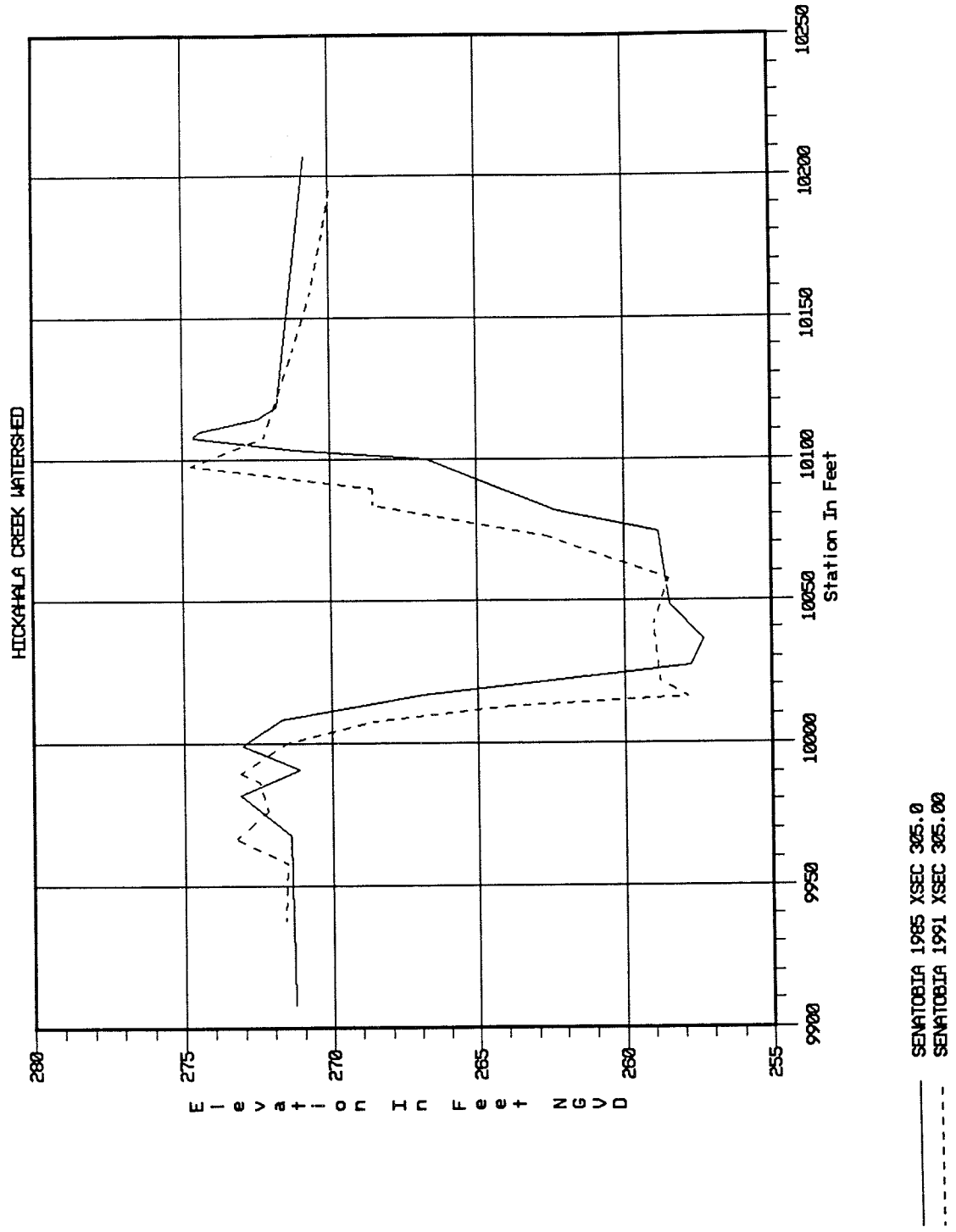

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
280
275
270
265
260
255
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
SENATOBIA 1985 XSEC 305.0
SENATOBIA 1991 XSEC 305.00

PLATE A111

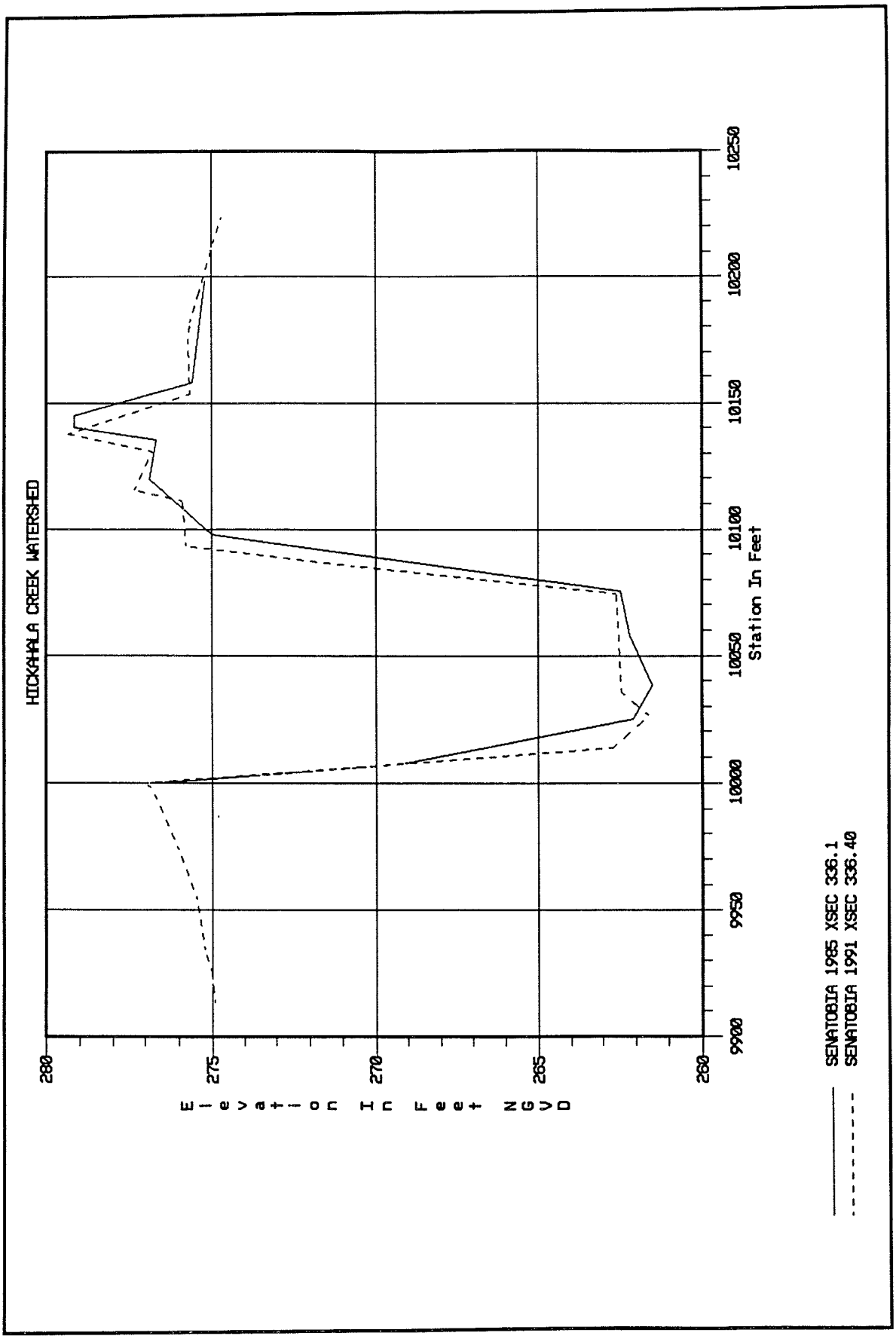
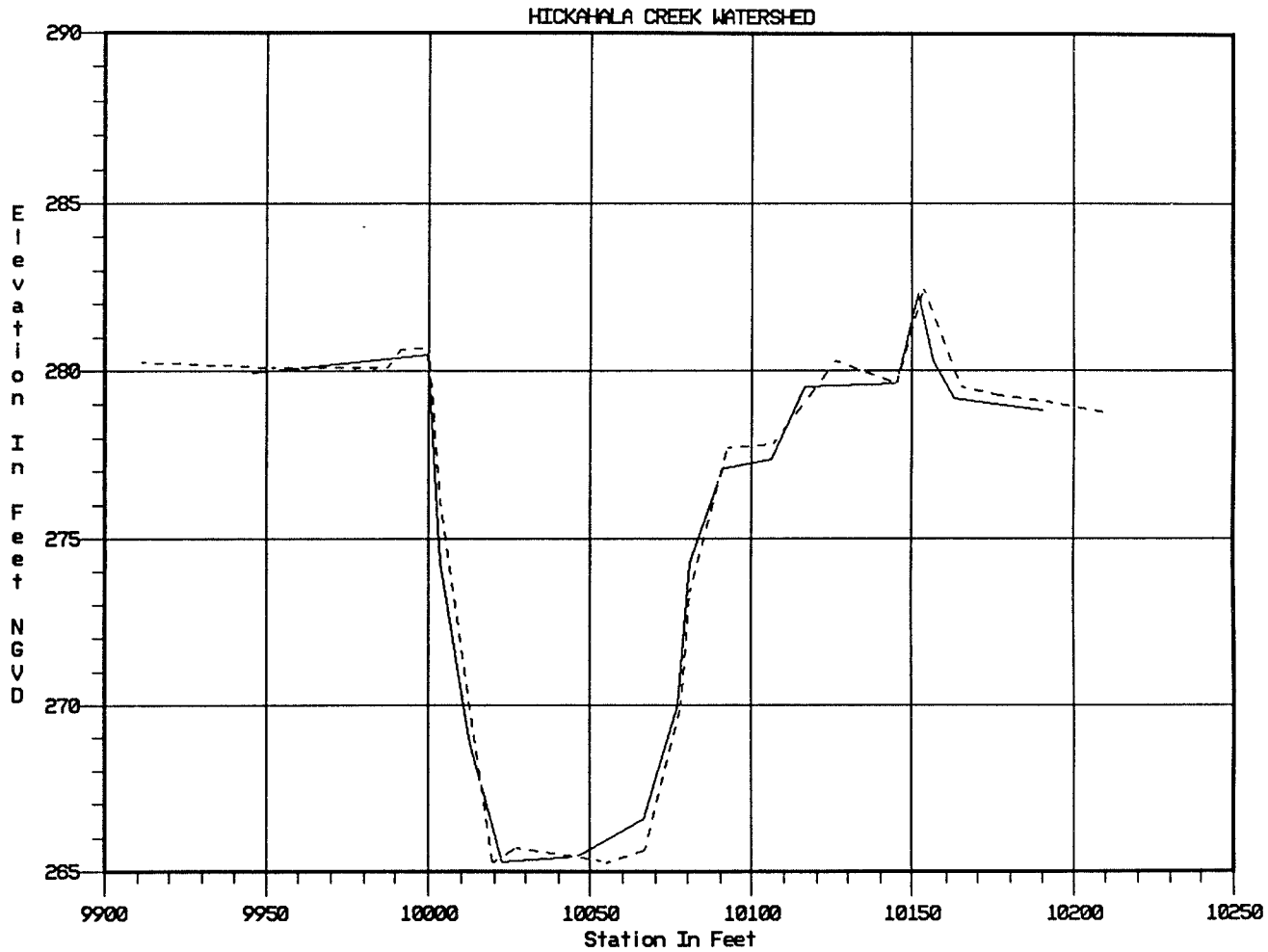

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
280
275
270
265
260
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
SENATOBIA 1985 XSEC 336.1
SENATOBIA 1991 XSEC 336.40

PLATE A112



SENATOBIA 1985 XSEC 363.5
SENATOBIA 1991 XSEC 364.05

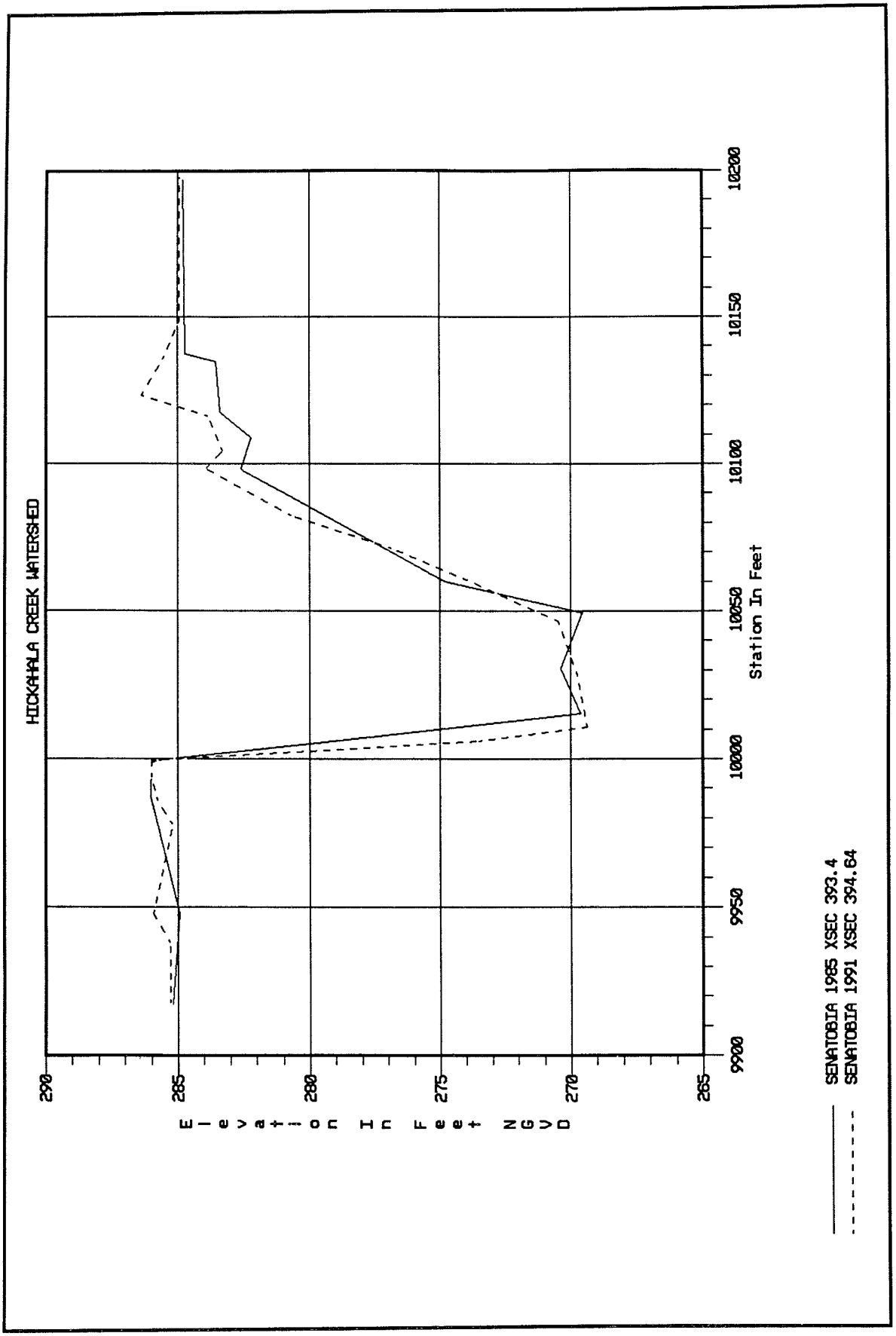
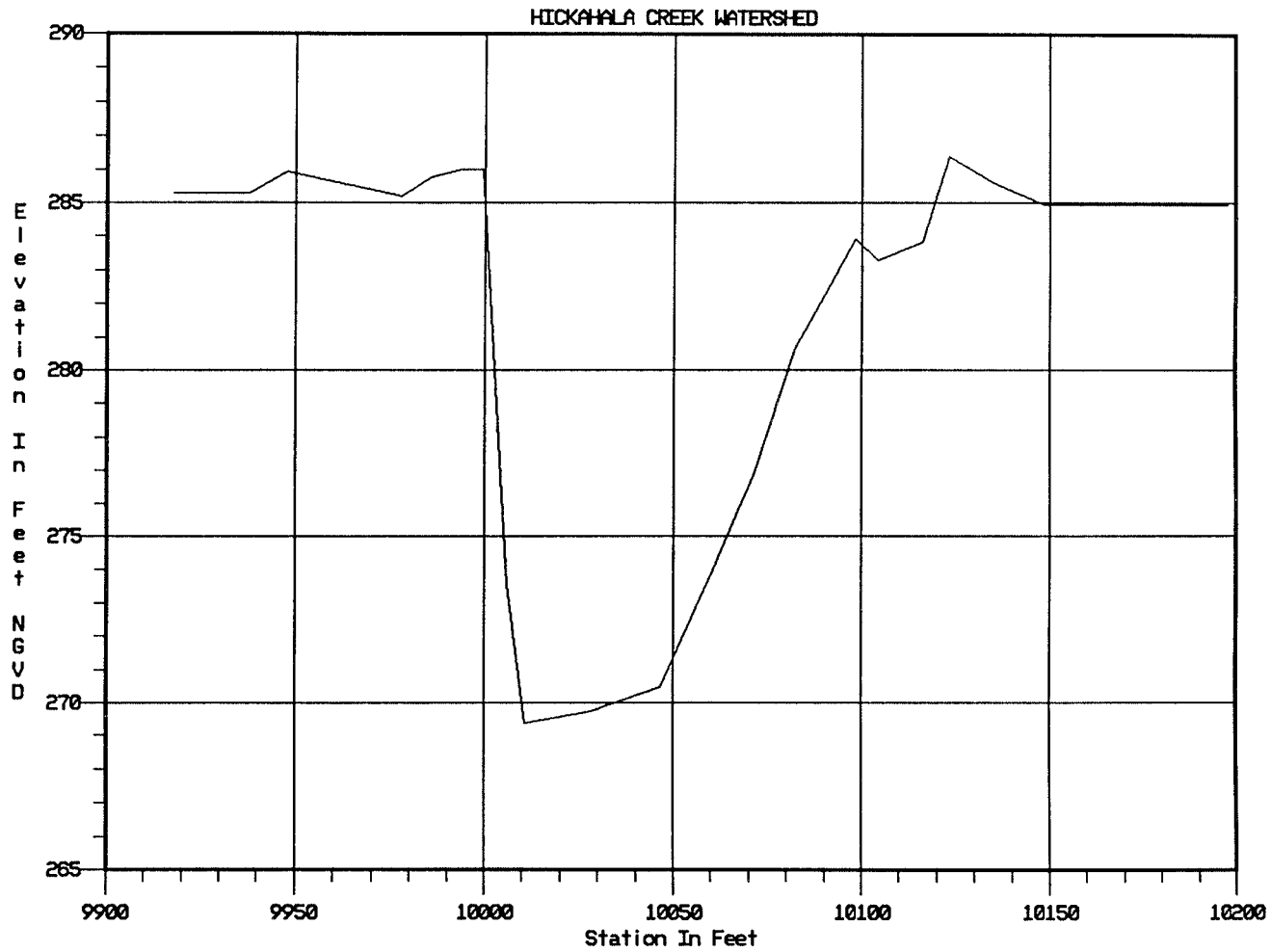

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
290
285
280
275
270
265
9900
9950
10000
10050
10100
10150
10200
Station In Feet
SENATOBIA 1985 XSEC 393.4
SENATOBIA 1991 XSEC 394.64

PLATE A114



SENATOBIA 1991 XSEC 394.64

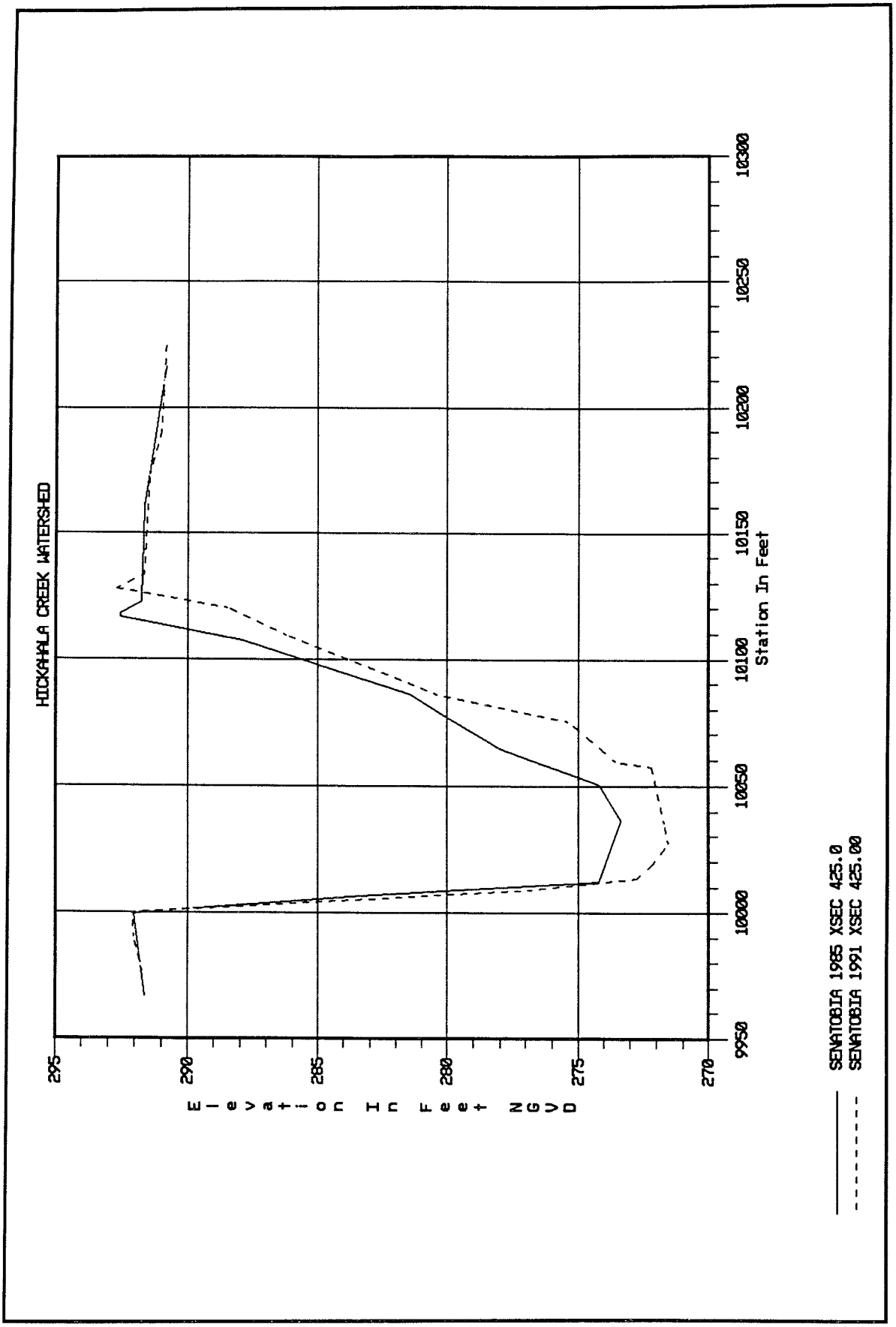
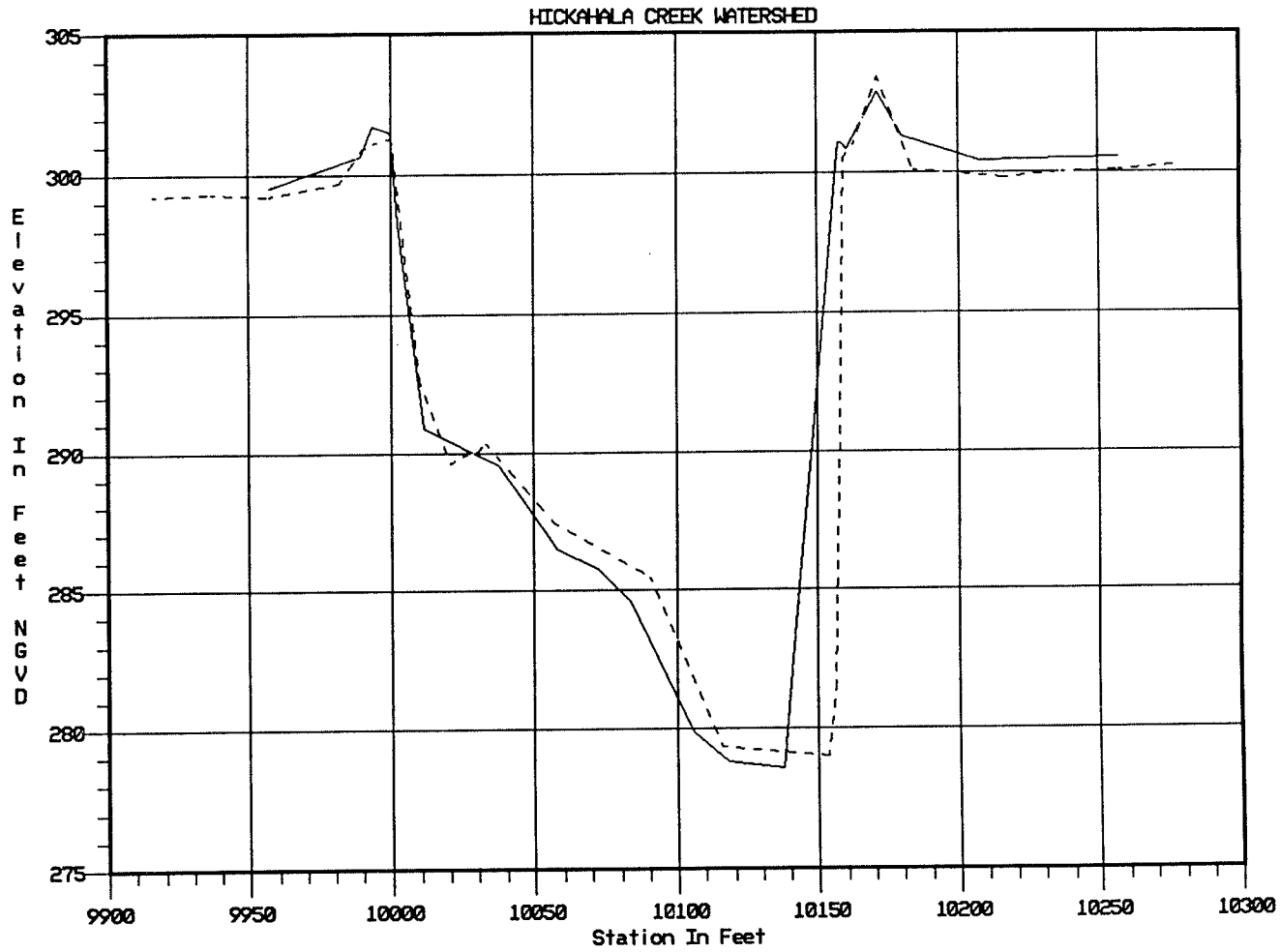

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
295
290
285
280
275
270
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
SENATOBIA 1985 XSEC 425.0
SENATOBIA 1991 XSEC 425.00

PLATE A116



SENATOBIA 1985 XSEC 458.0
SENATOBIA 1991 XSEC 458.71

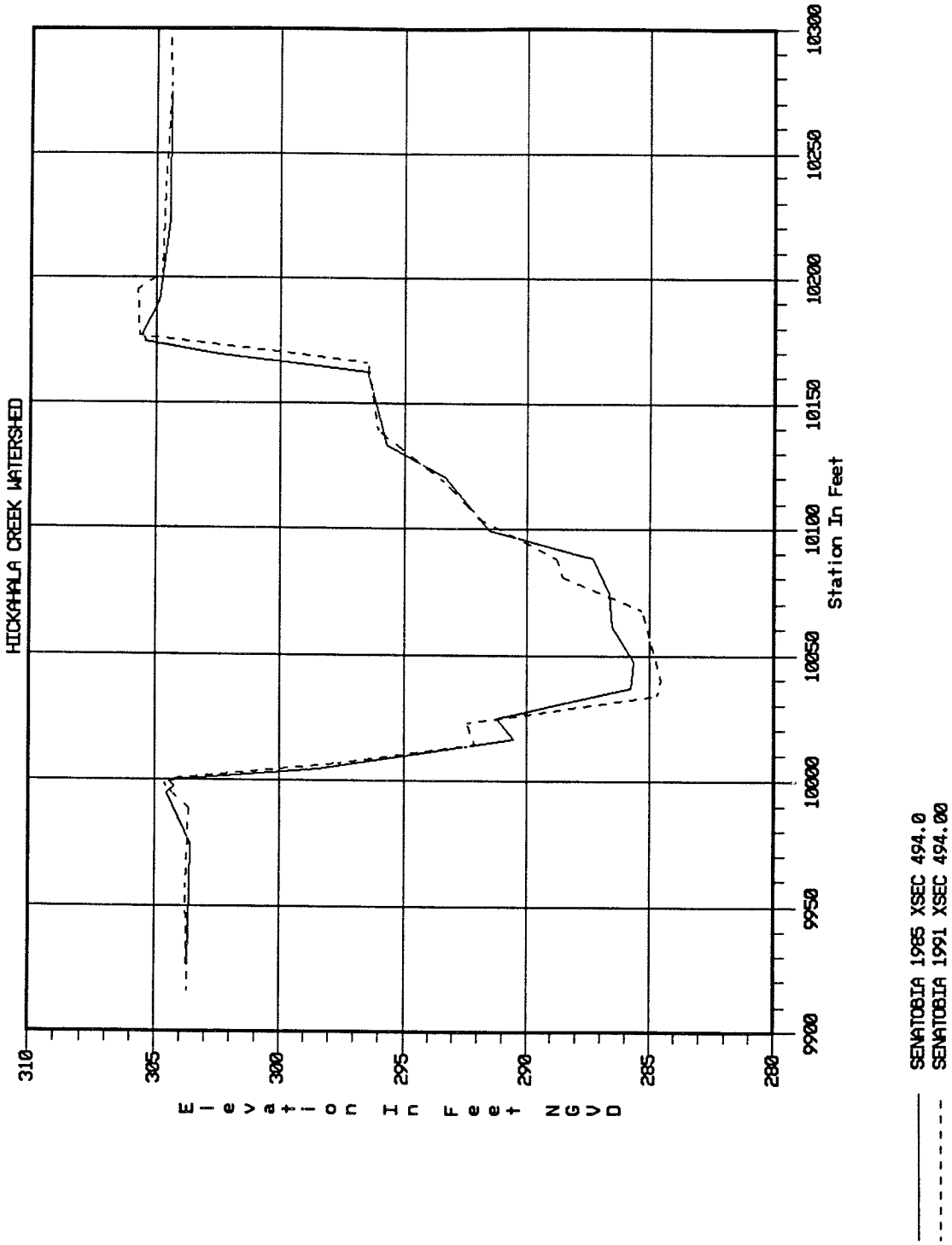

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
310
305
300
295
290
285
280
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
SENATOBIA 1985 XSEC 494.0
SENATOBIA 1991 XSEC 494.00

PLATE A118

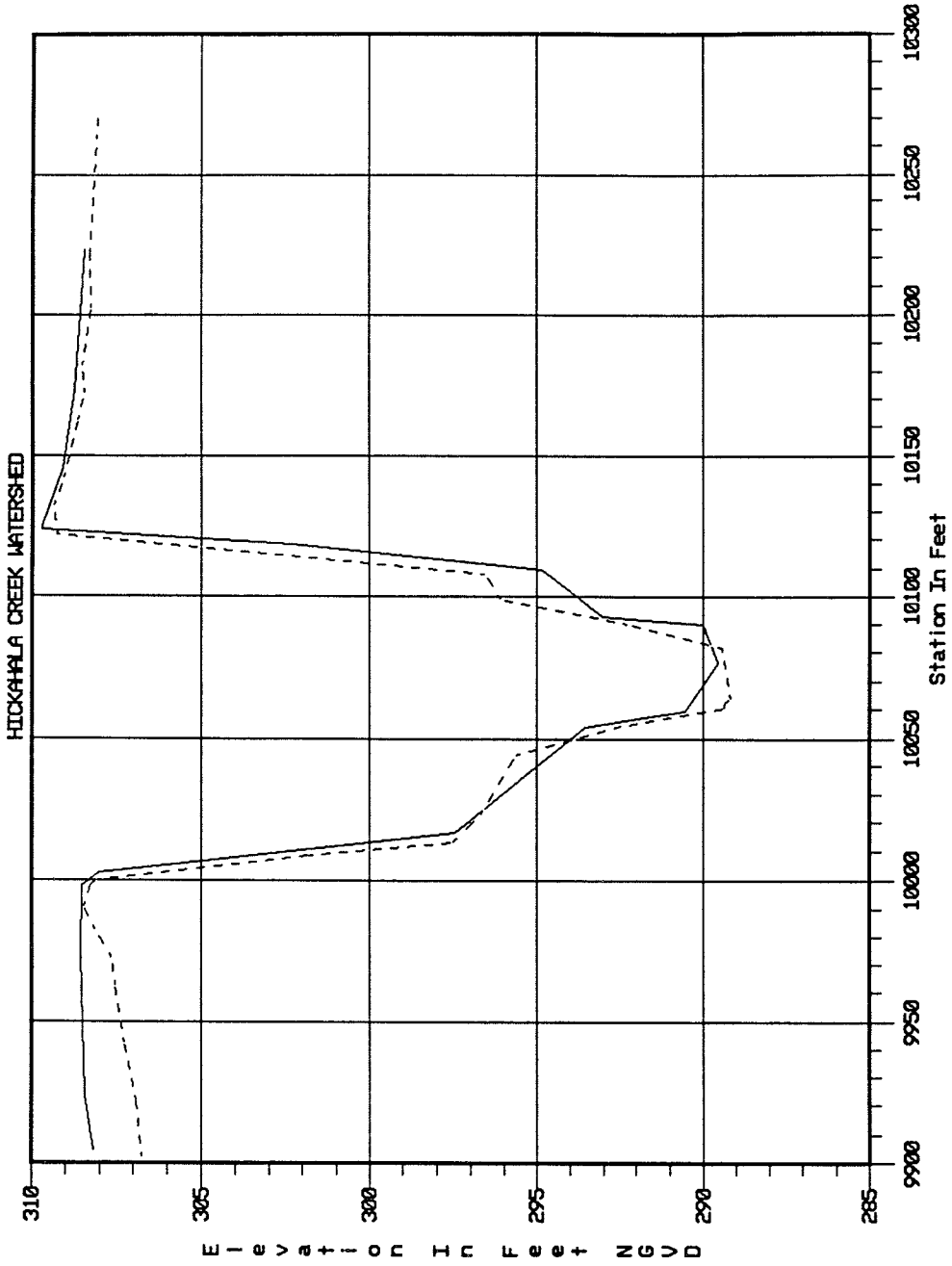

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
310
305
300
295
290
285
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
SENATOBIA 1985 XSEC 518.0
SENATOBIA 1991 XSEC 518.00

PLATE A119

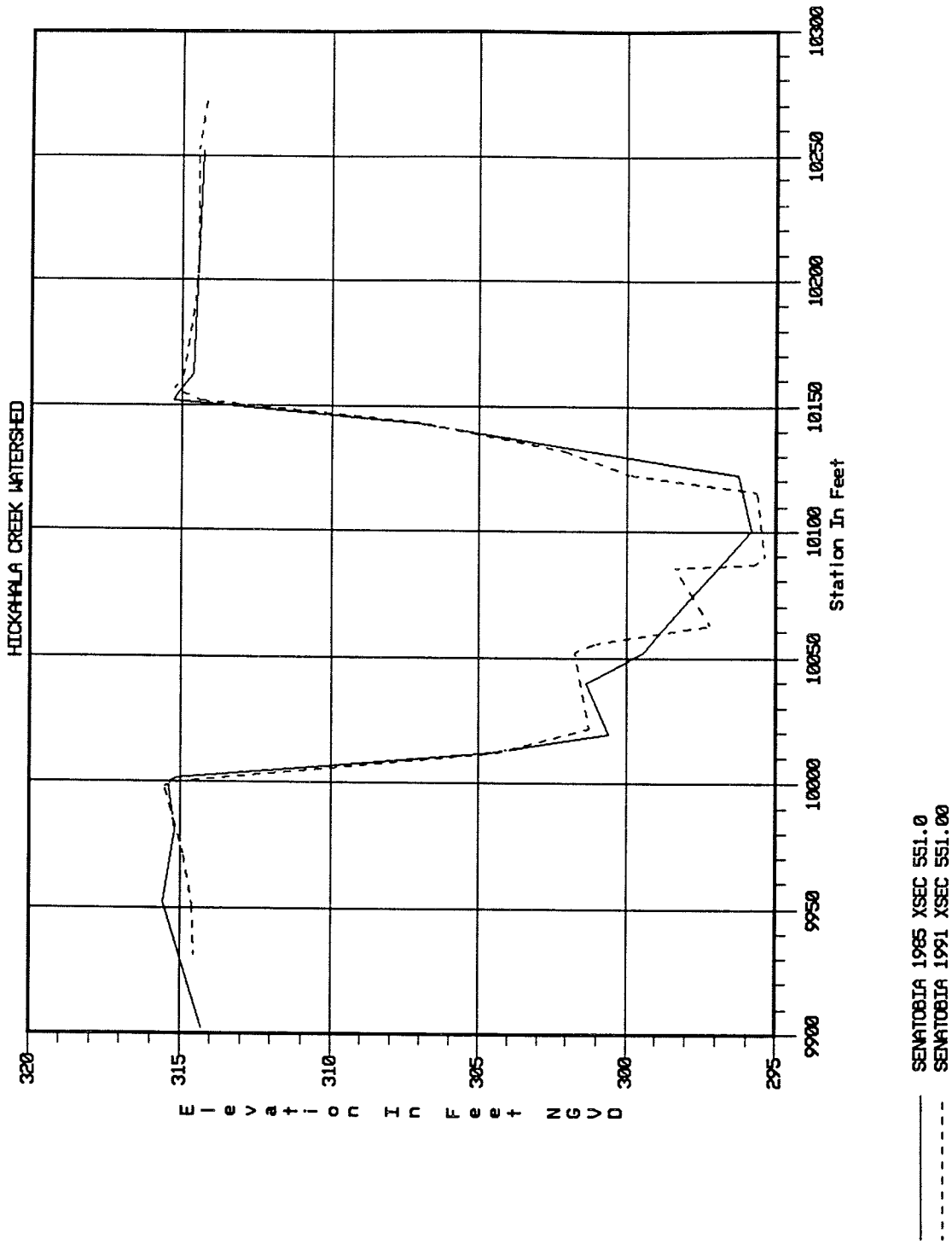

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
320
315
310
305
300
295
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
SENATOBIA 1985 XSEC 551.0
SENATOBIA 1991 XSEC 551.00

PLATE A120

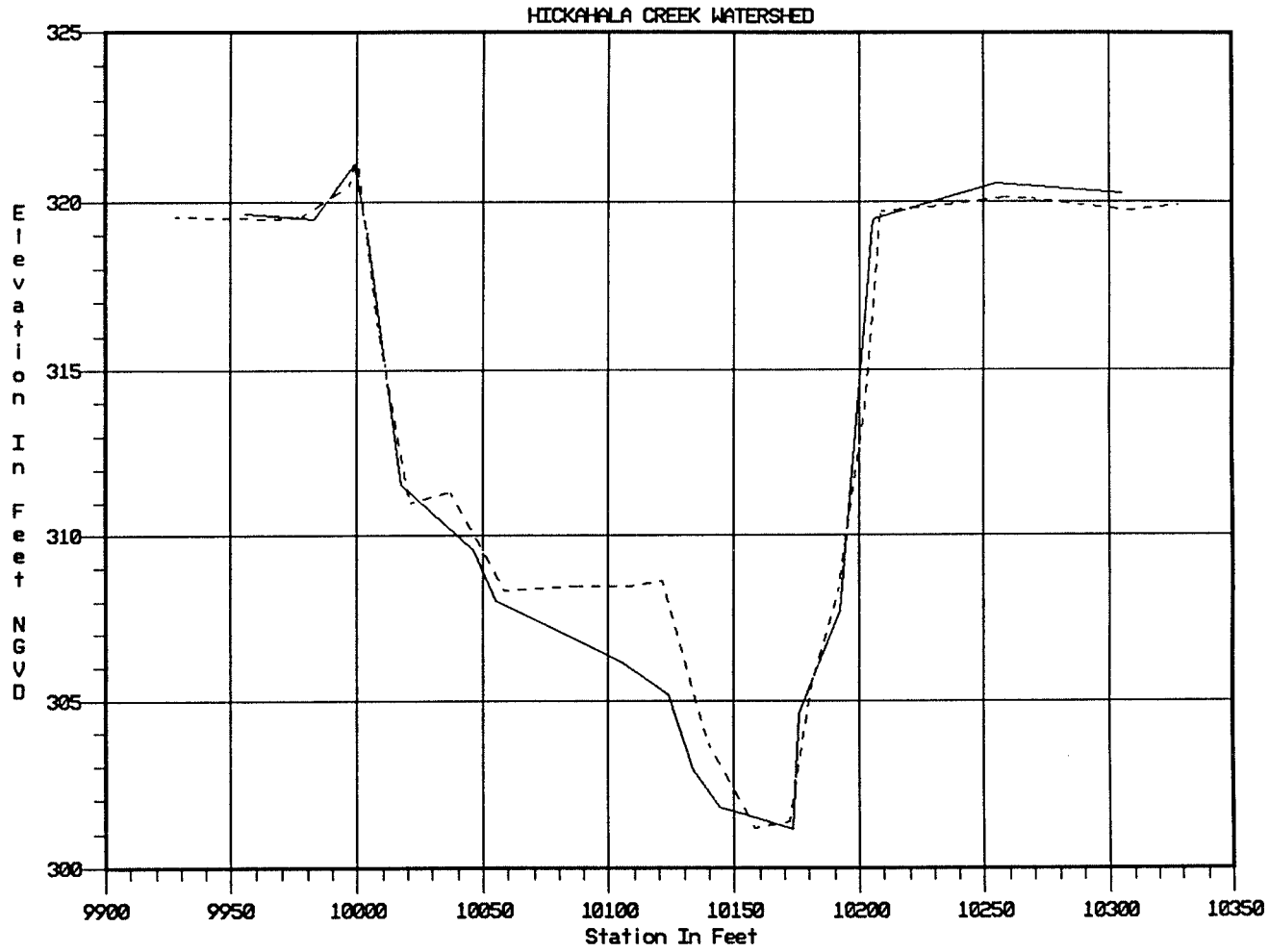

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
325
320
315
310
305
300
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
SENATOBIA 1985 XSEC 578.0
SENATOBIA 1991 XSEC 578.00

PLATE A121

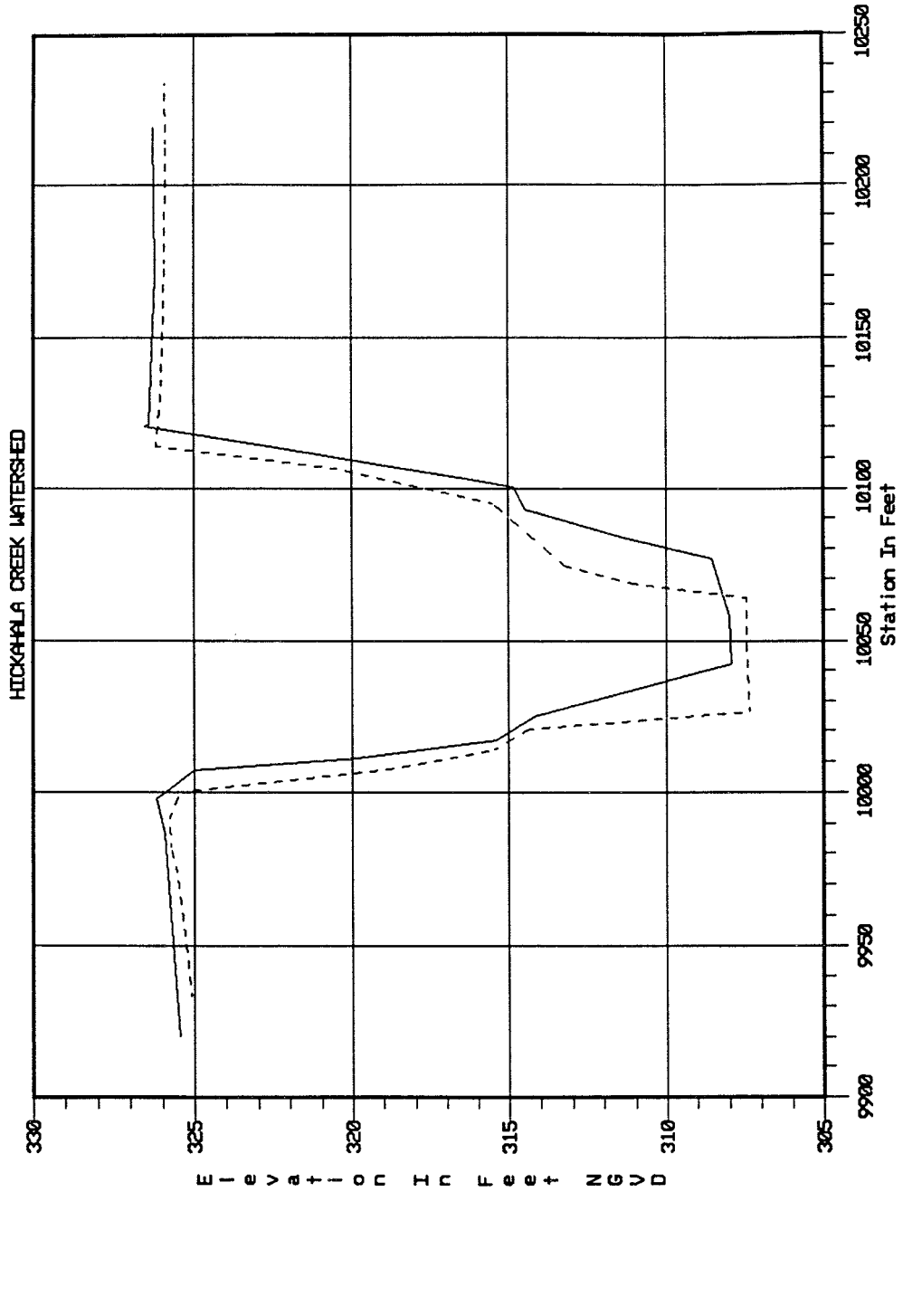
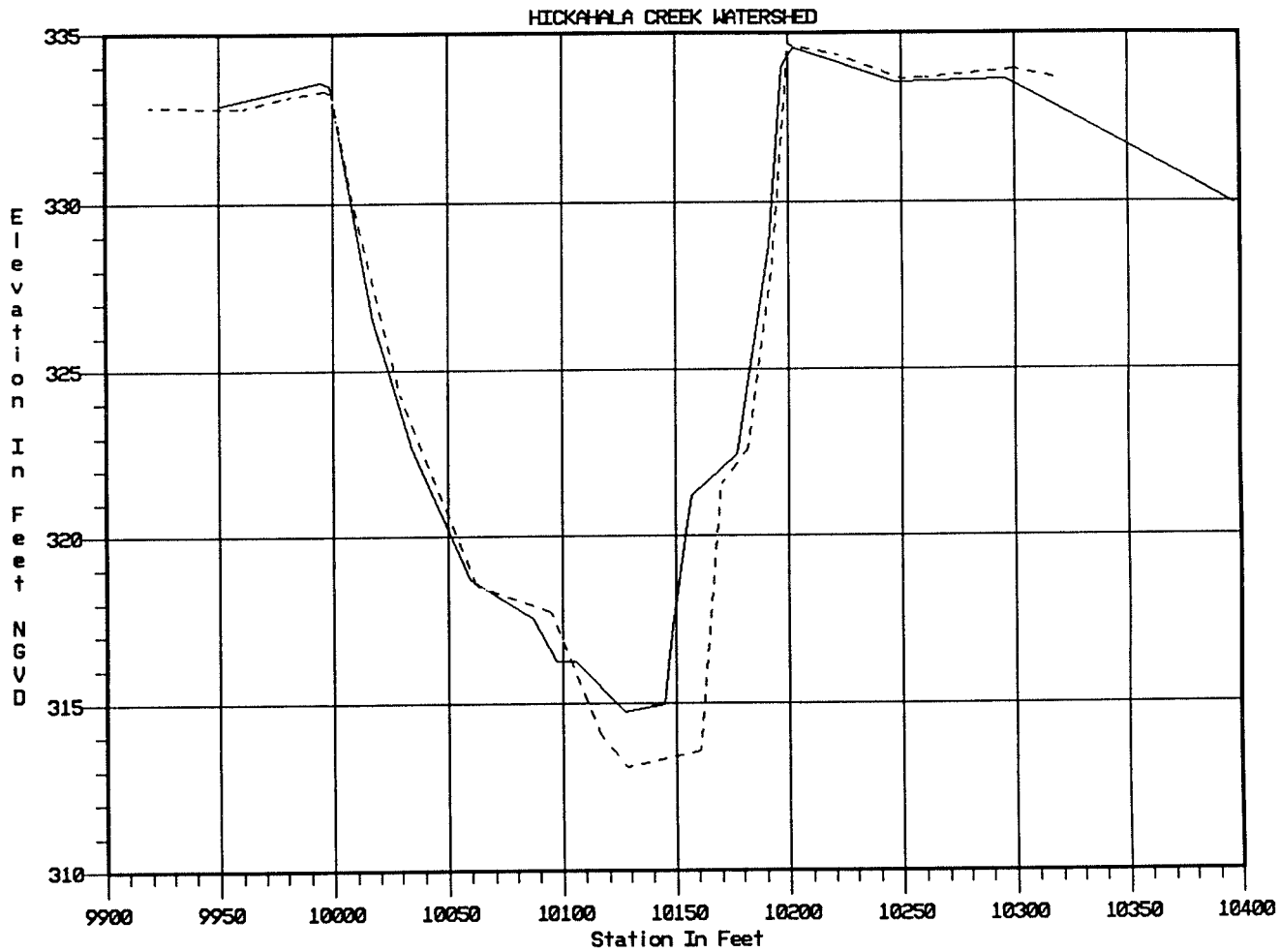

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
330
325
320
315
310
305
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
SENATOBIA 1985 XSEC 610.0
SENATOBIA 1991 XSEC 610.00

PLATE A122



SENATOBIA 1985 XSEC 640.0
SENATOBIA 1991 XSEC 640.00

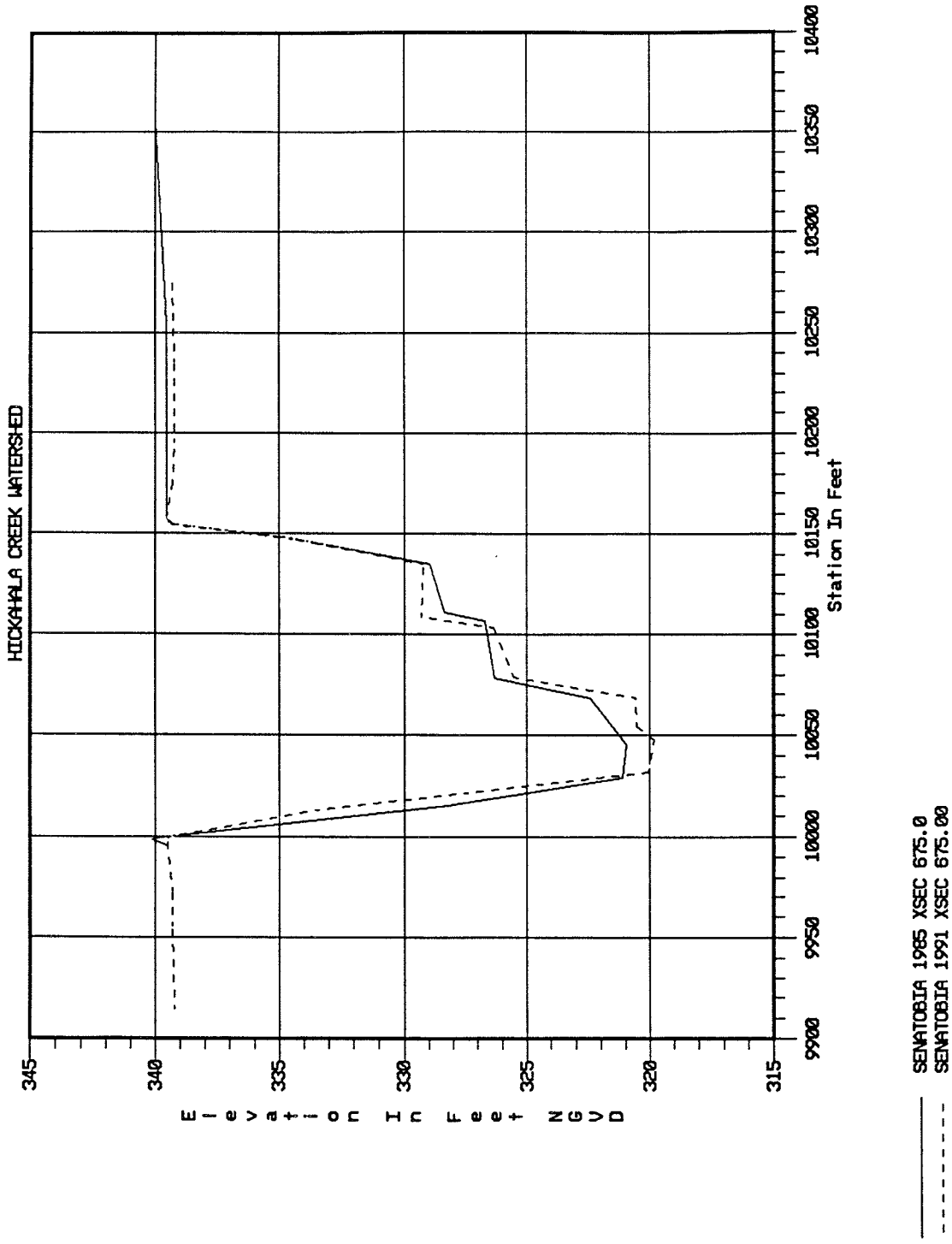
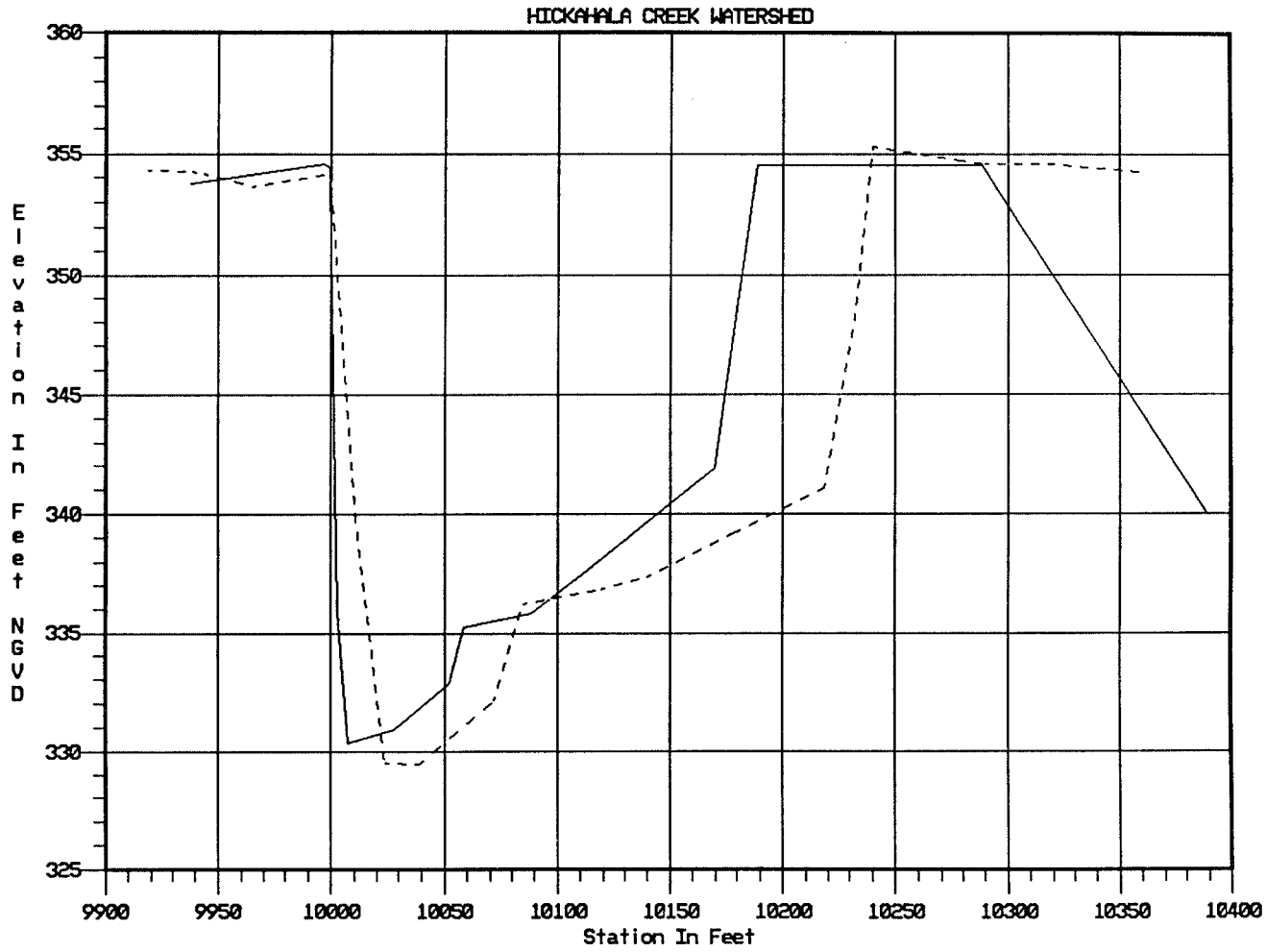

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
345
340
335
330
325
320
315
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
10400
Station In Feet
SENATOBIA 1985 XSEC 675.0
SENATOBIA 1991 XSEC 675.00

PLATE A124



SENATOBIA 1985 XSEC 720.0
SENATOBIA 1991 XSEC 720.00

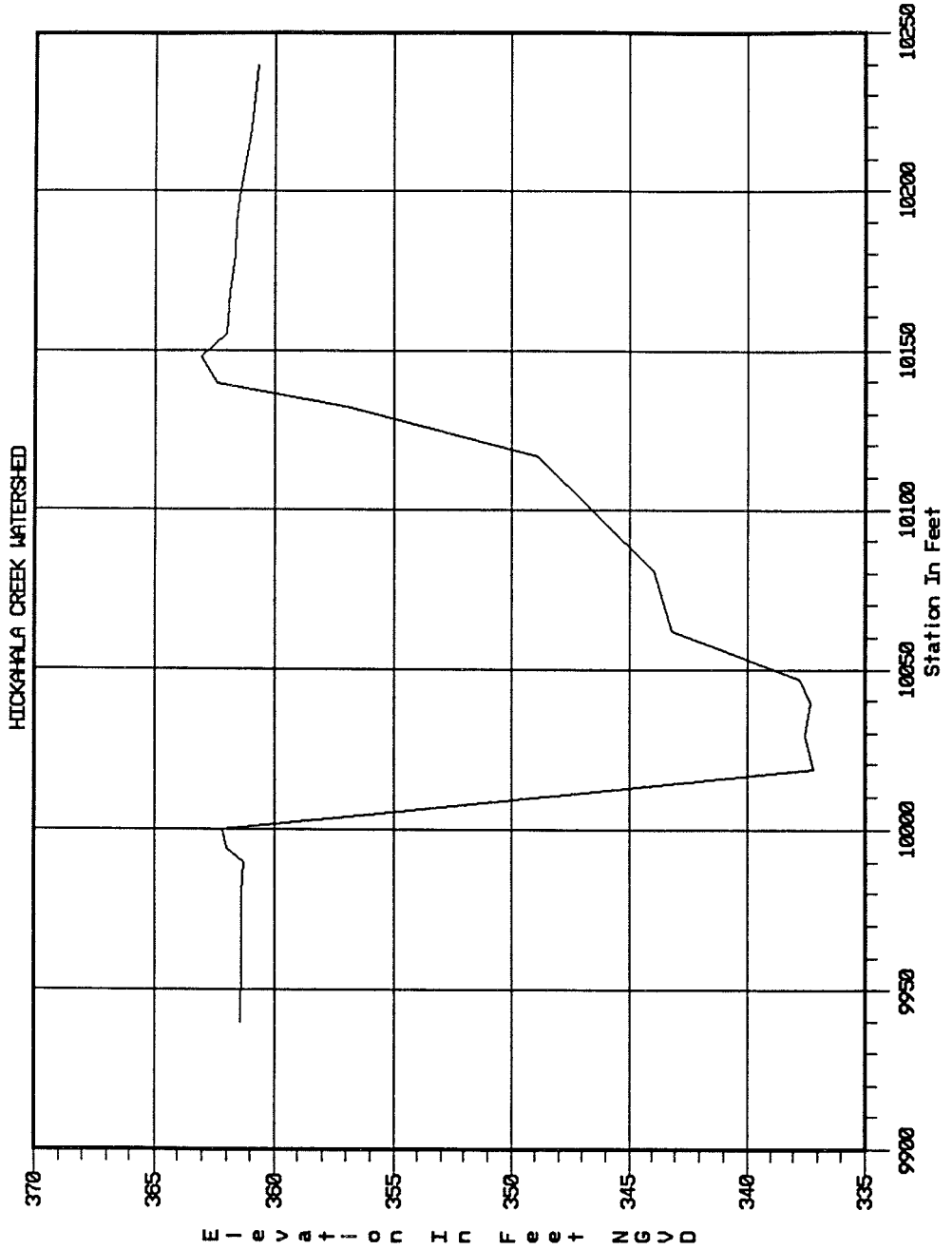

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
370
365
360
355
350
345
340
335
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
SENATOBIA 1991 XSEC 756.00

PLATE A126

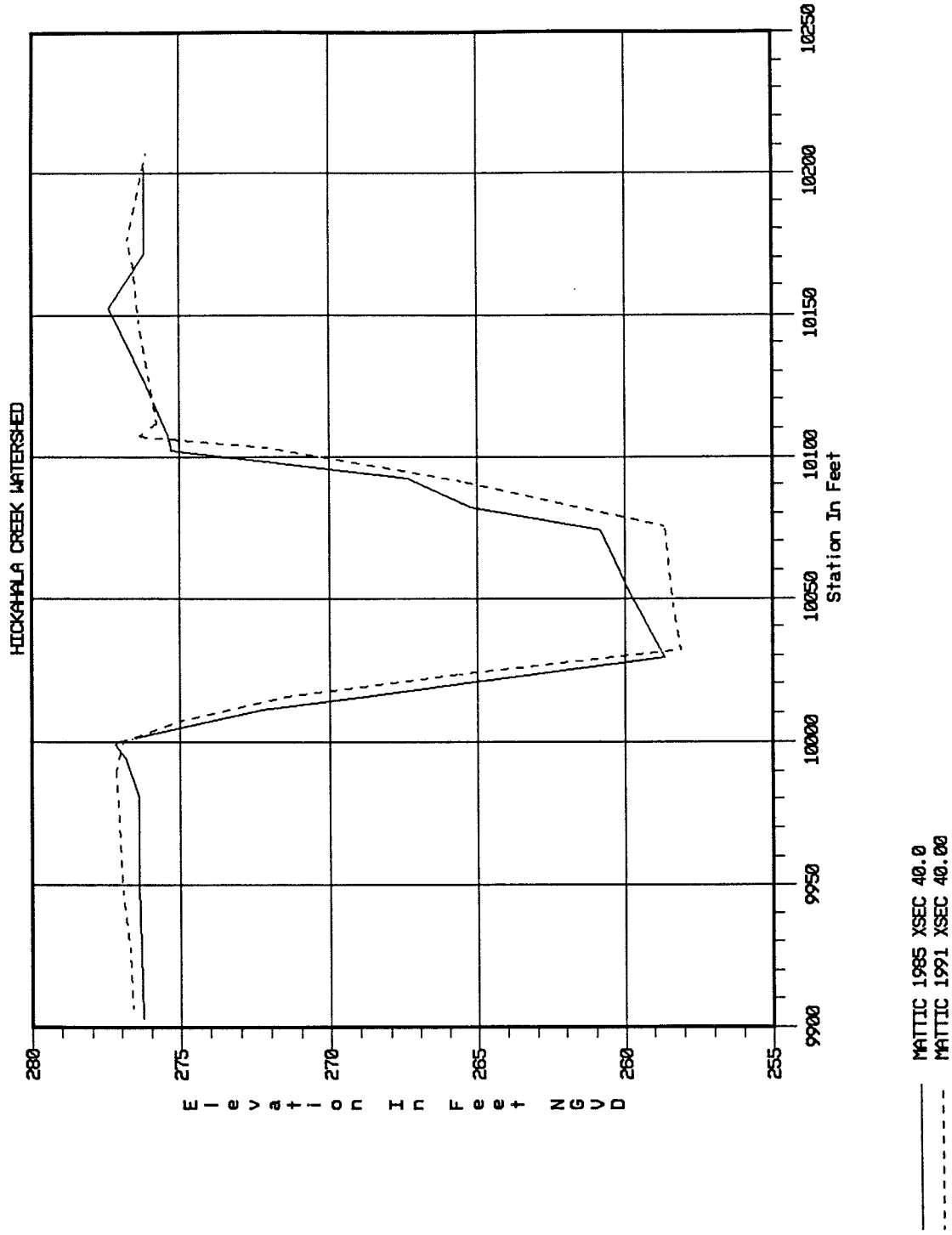

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
280
275
270
265
260
255
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
MATTIC 1985 XSEC 40.0
MATTIC 1991 XSEC 40.00

PLATE A127

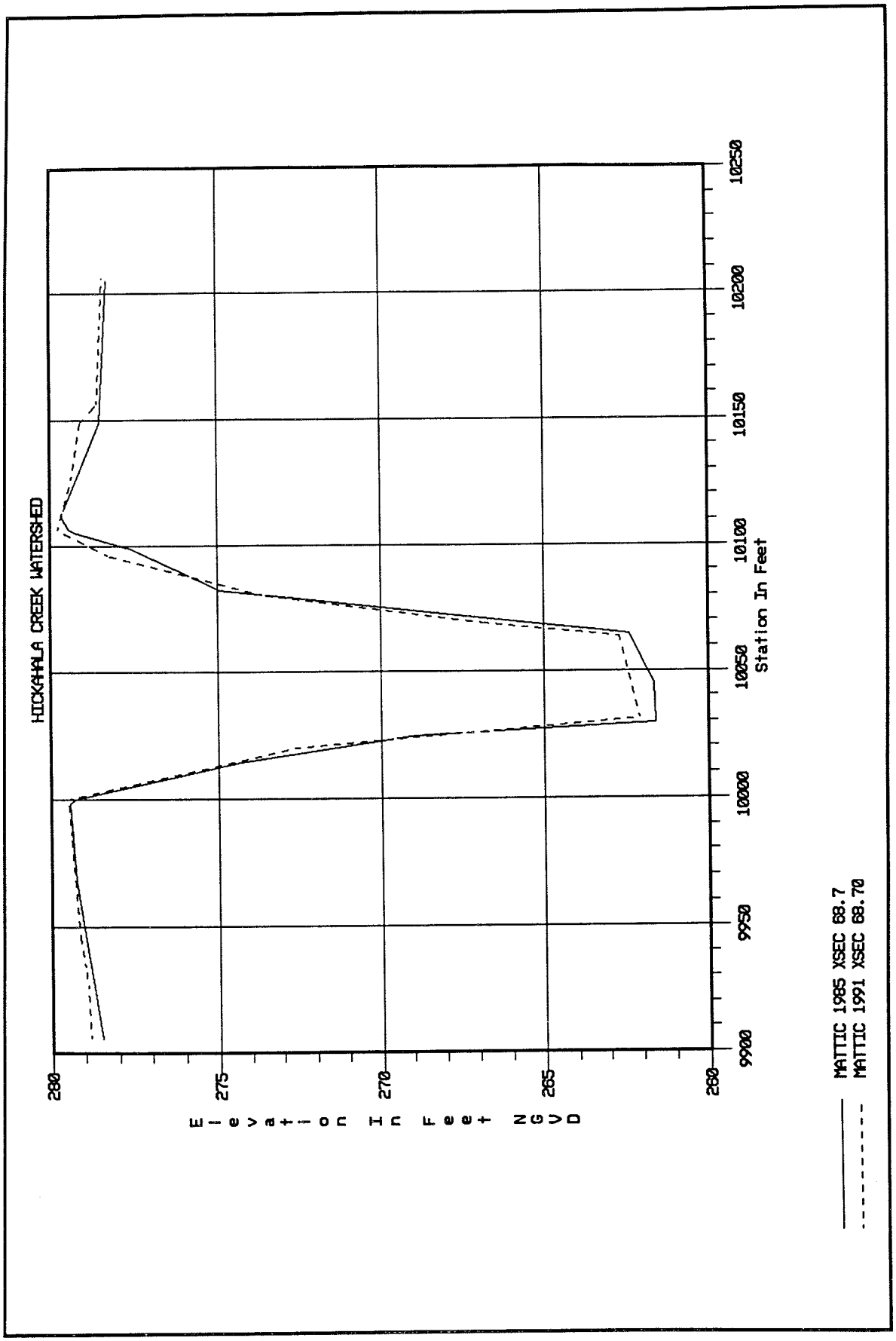

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
280
275
270
265
260
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
MATTIC 1985 XSEC 68.7
MATTIC 1991 XSEC 68.70

PLATE A128

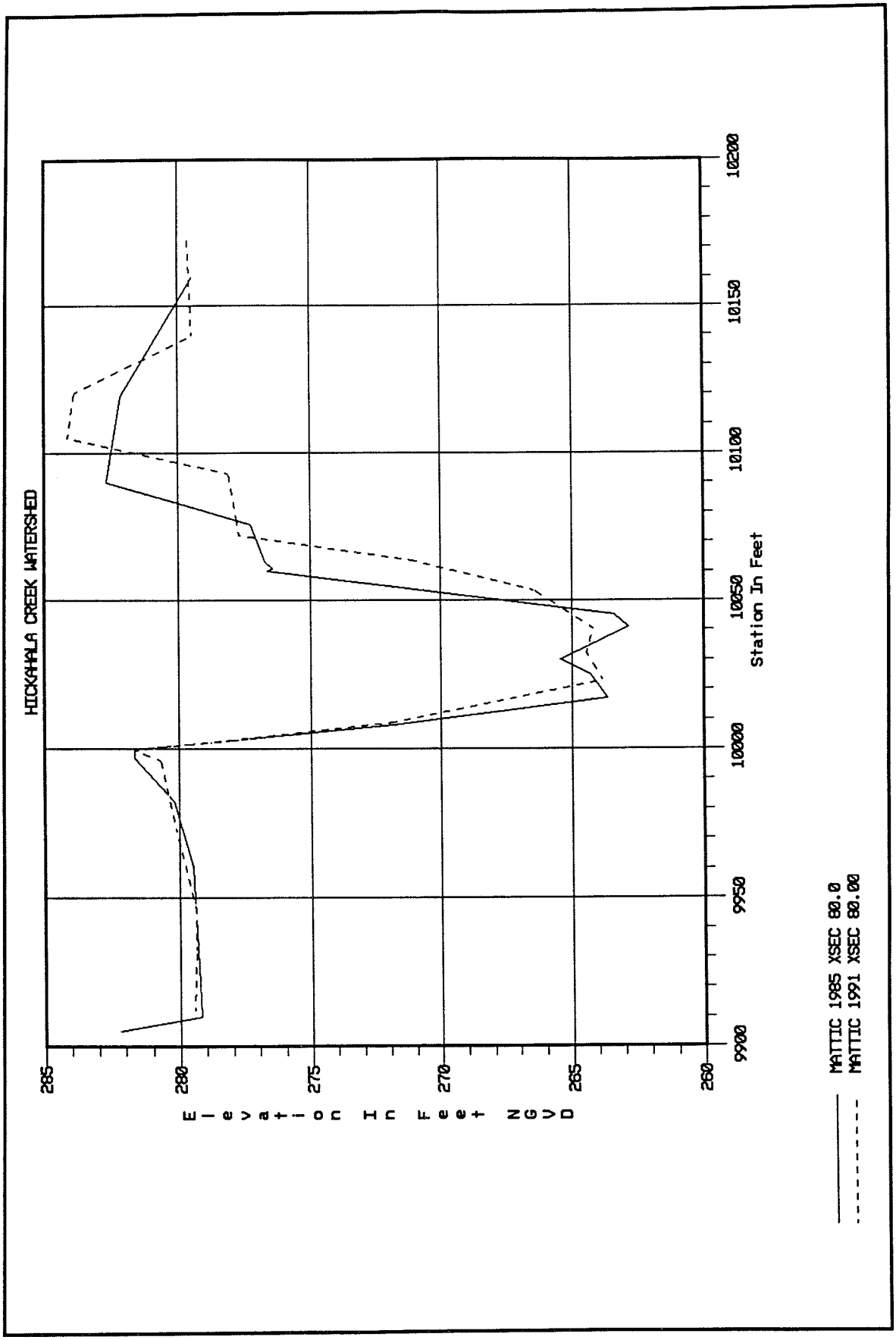

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
285
280
275
270
265
260
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MATTIC 1985 XSEC 80.0
MATTIC 1991 XSEC 80.00

PLATE A129

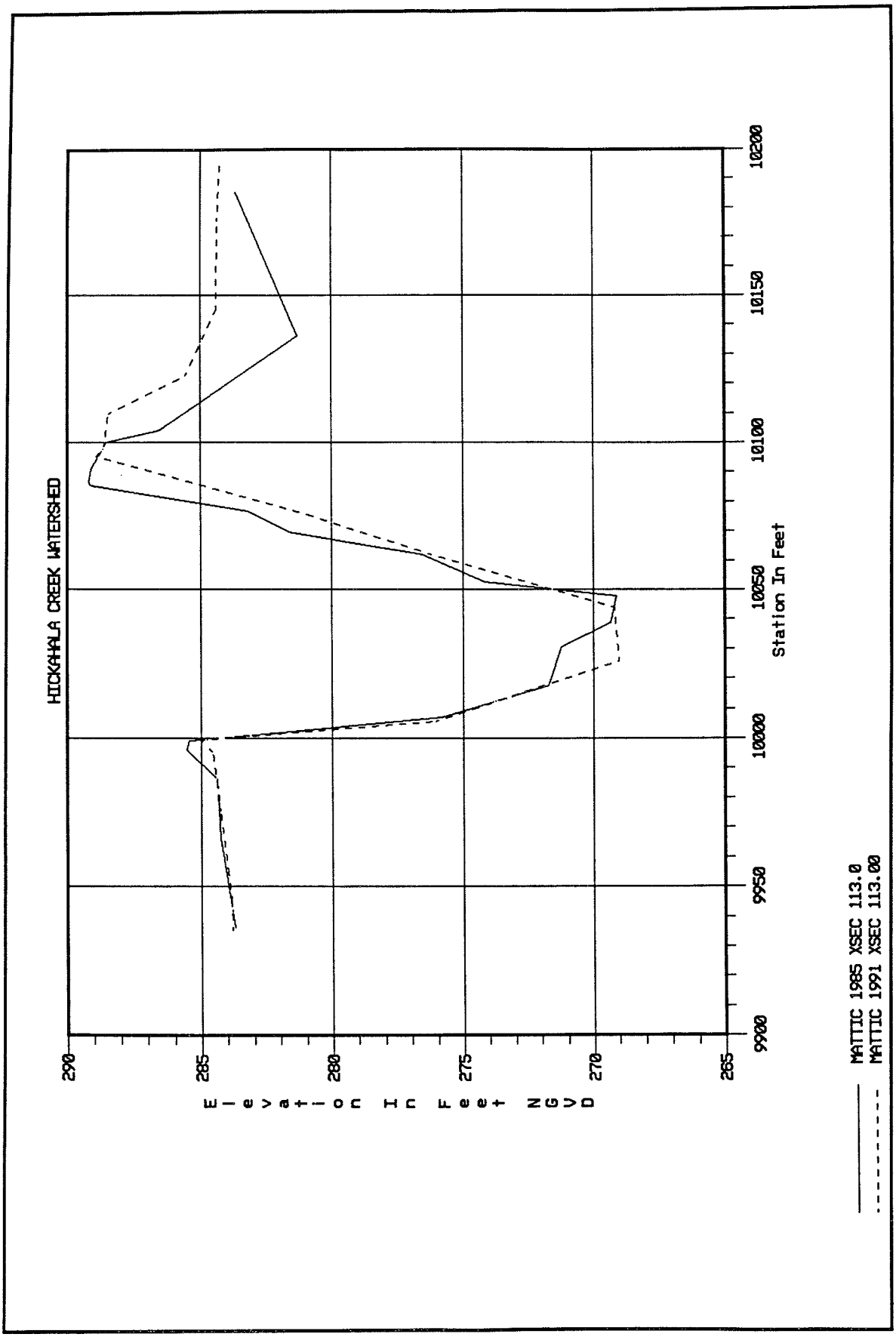

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
290
285
280
275
270
265
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MATTIC 1985 XSEC 113.0
MATTIC 1991 XSEC 113.00

PLATE A130

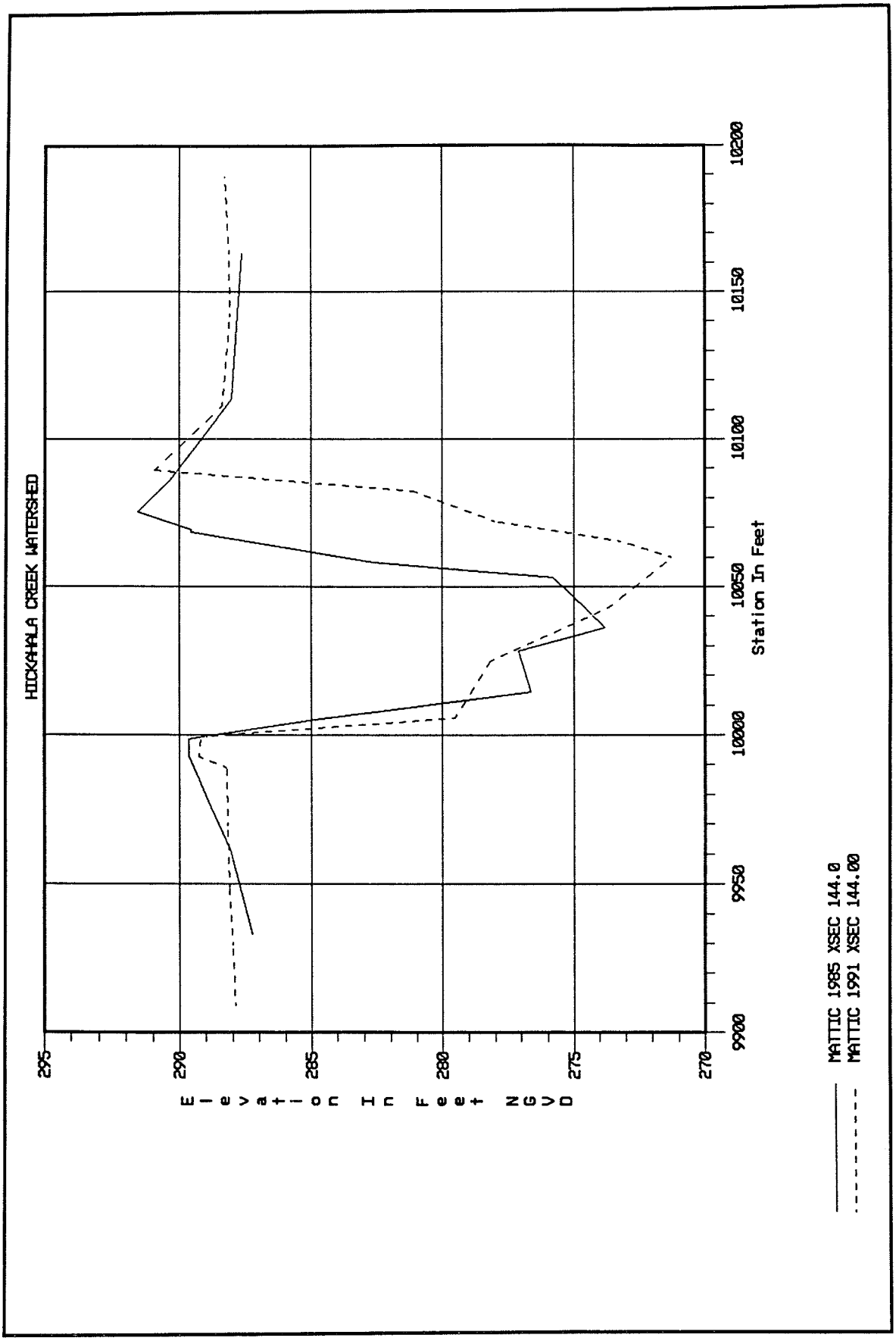

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
295
290
285
280
275
270
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MATTIC 1985 XSEC 144.0
MATTIC 1991 XSEC 144.00

PLATE A131

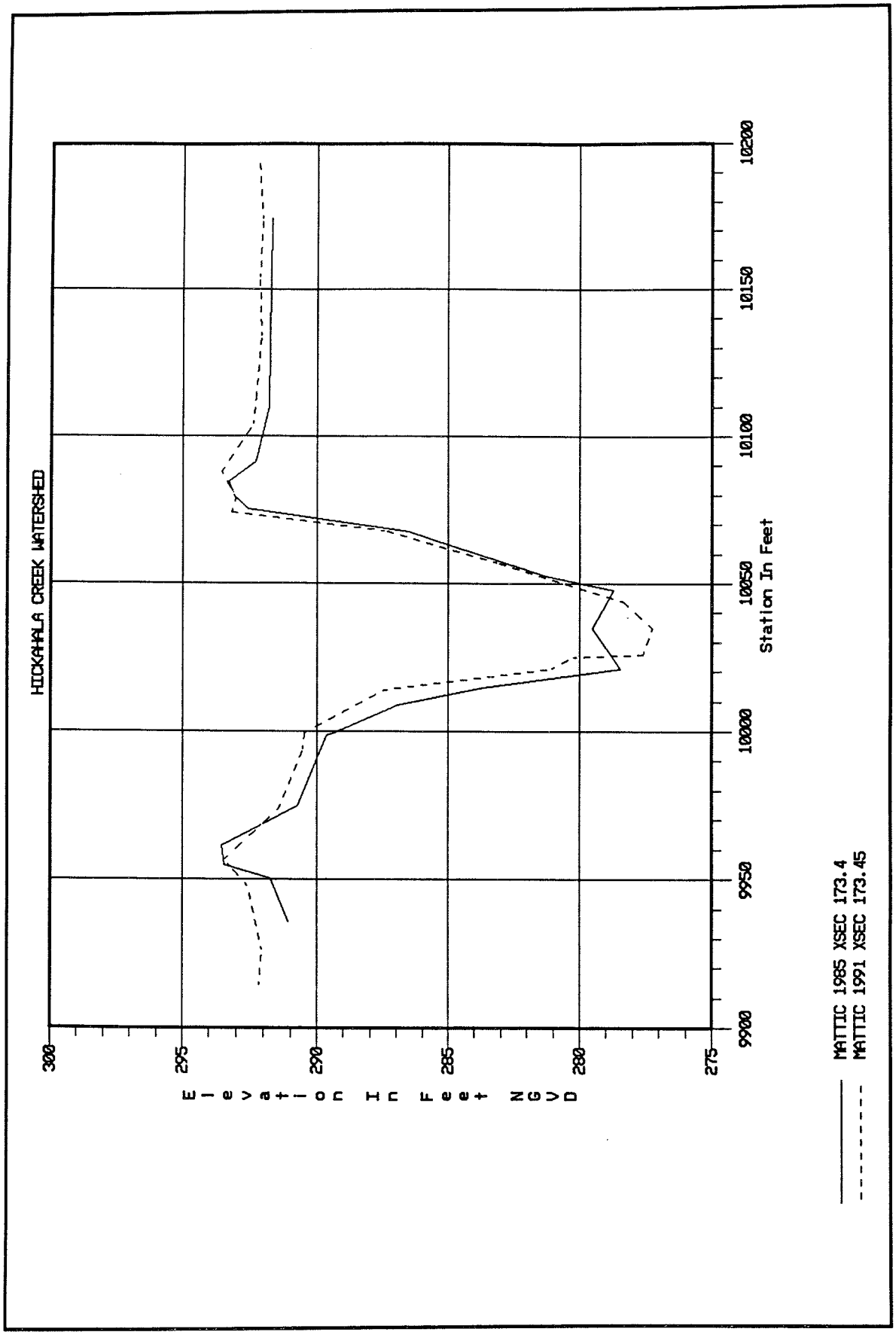
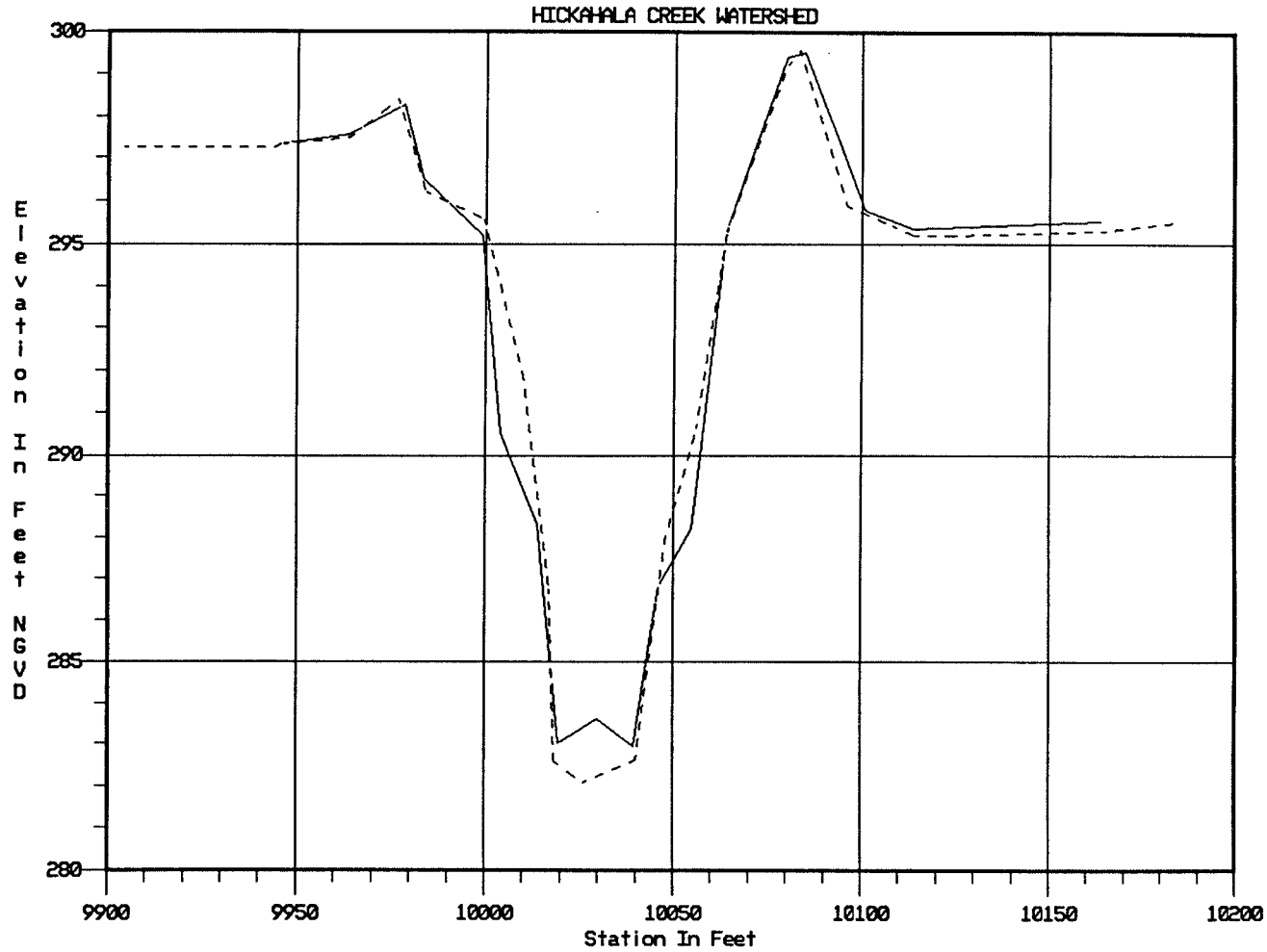

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
300
295
290
285
280
275
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MATTIC 1985 XSEC 173.4
MATTIC 1991 XSEC 173.45

PLATE A132



MATTIC 1985 XSEC 204.3
MATTIC 1991 XSEC 204.30

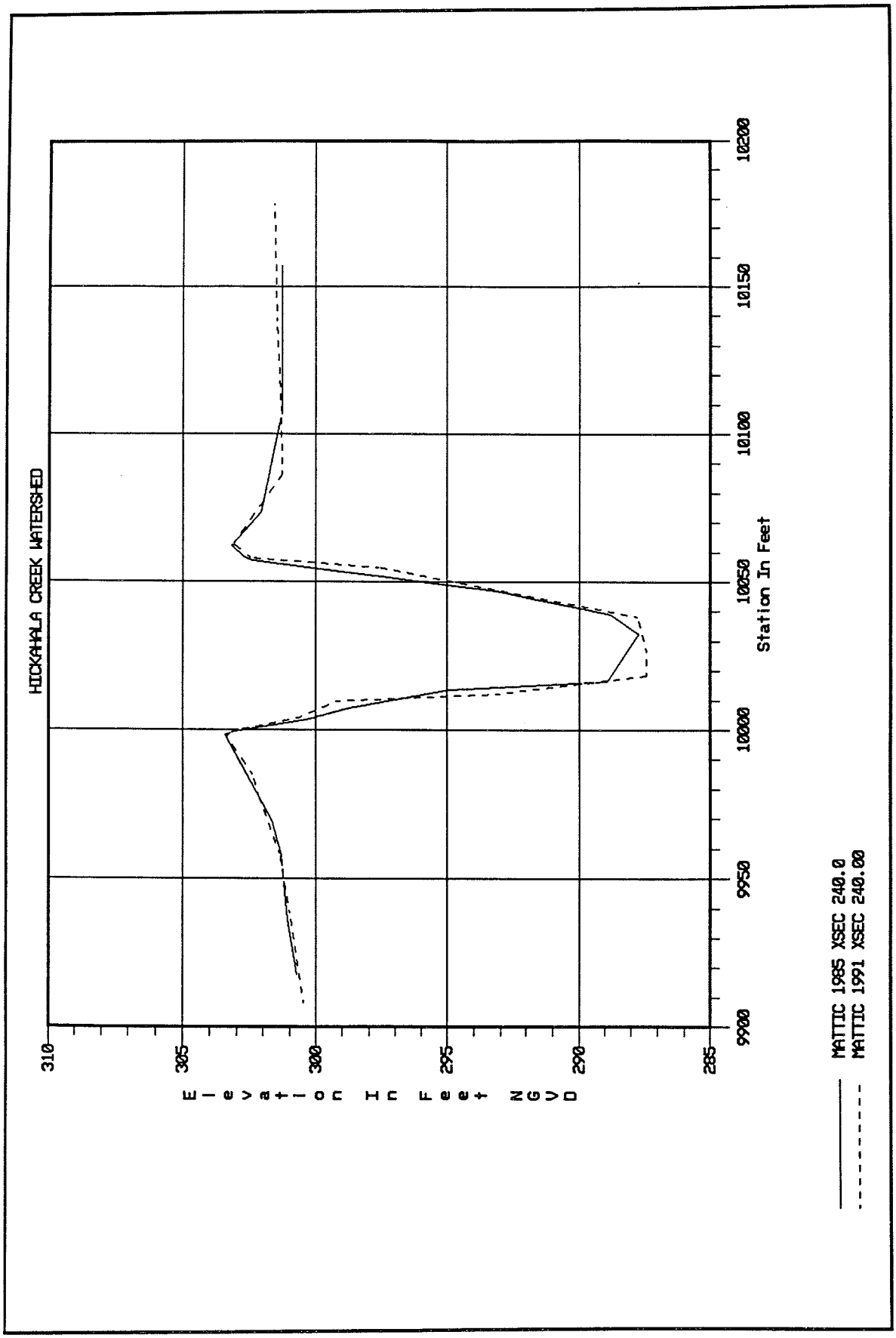
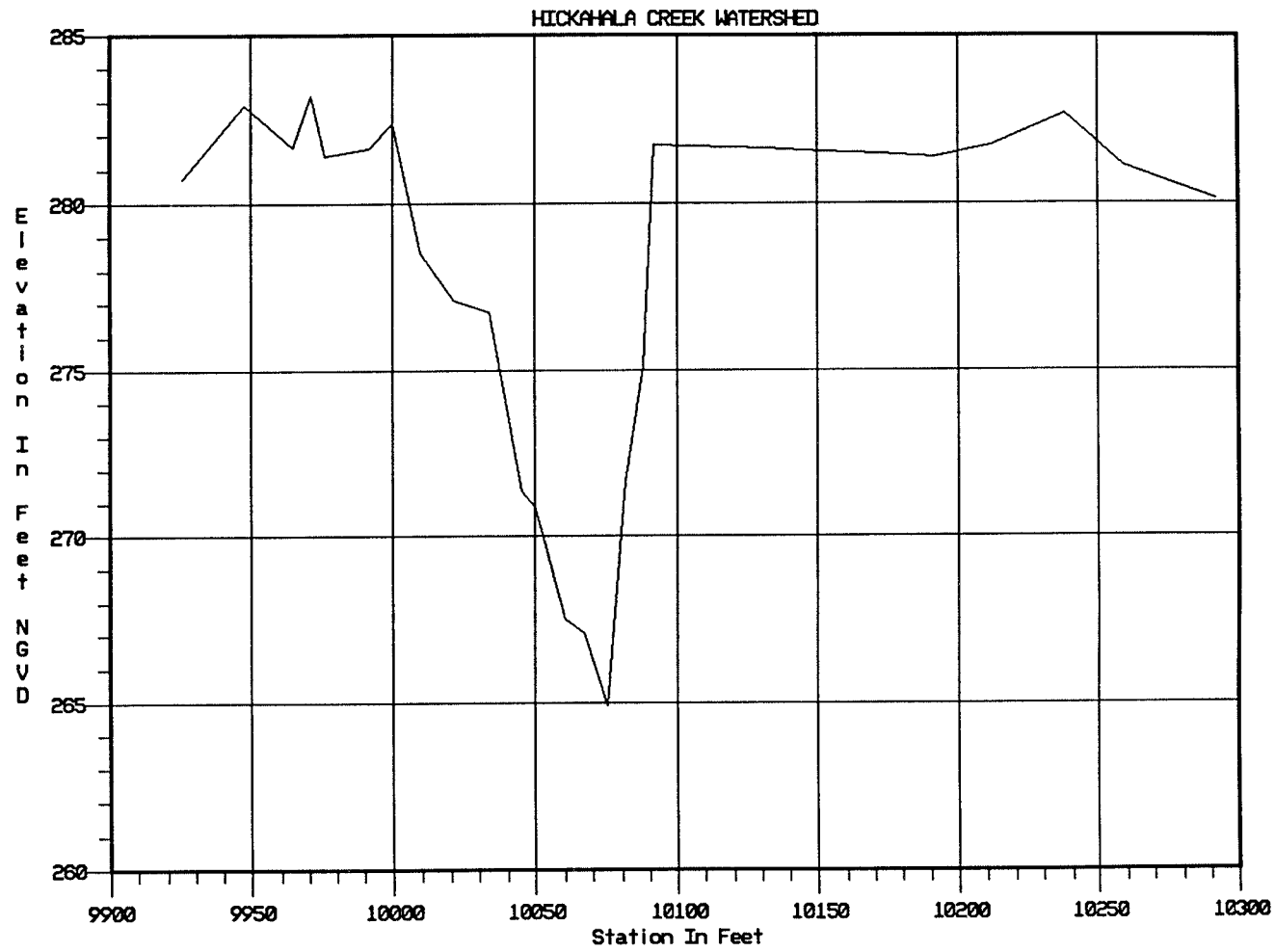

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
310
305
300
295
290
285
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MATTIC 1985 XSEC 240.0
MATTIC 1991 XSEC 240.00

PLATE A134



TOLBERT-JONES 1991 XSEC 0.60

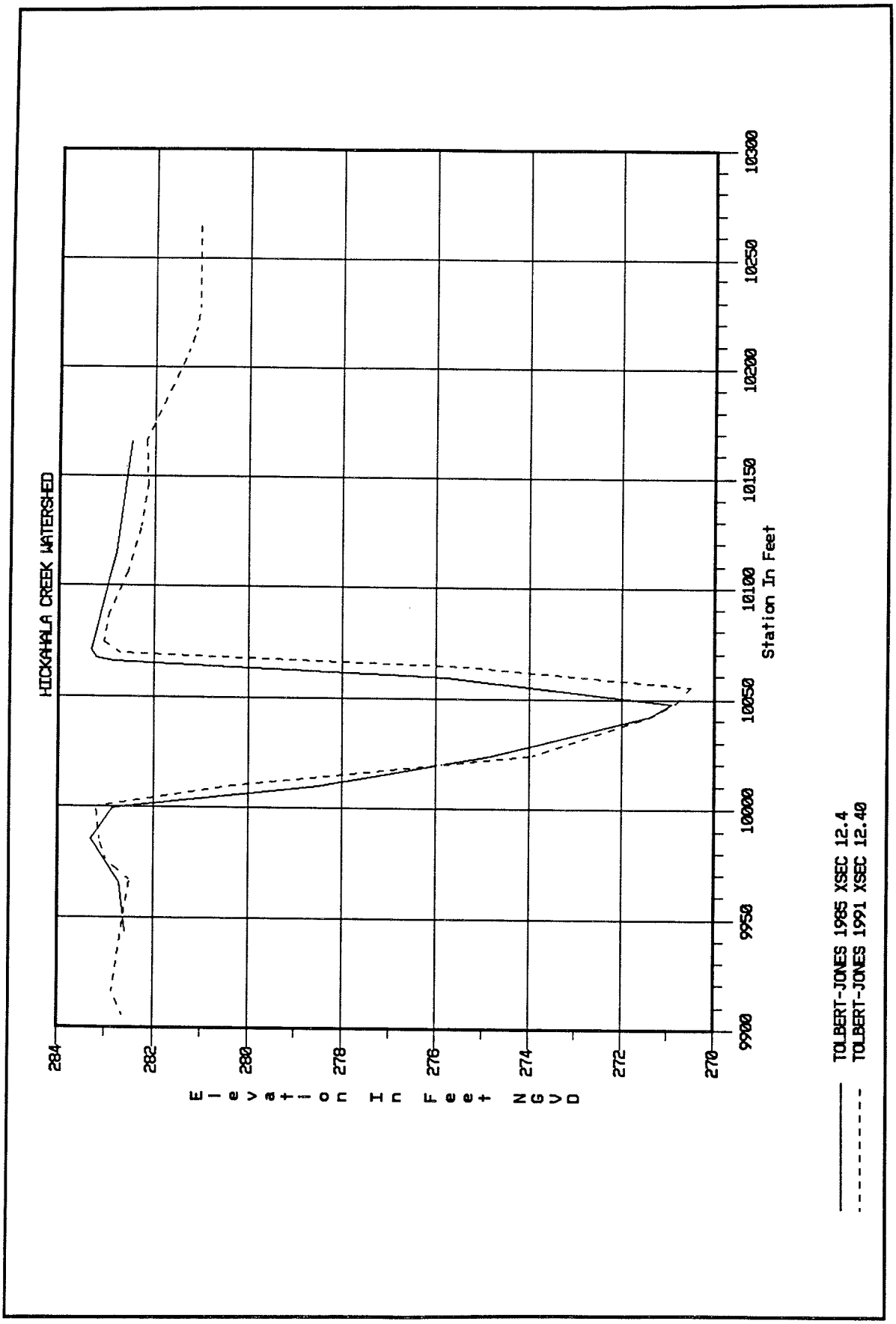
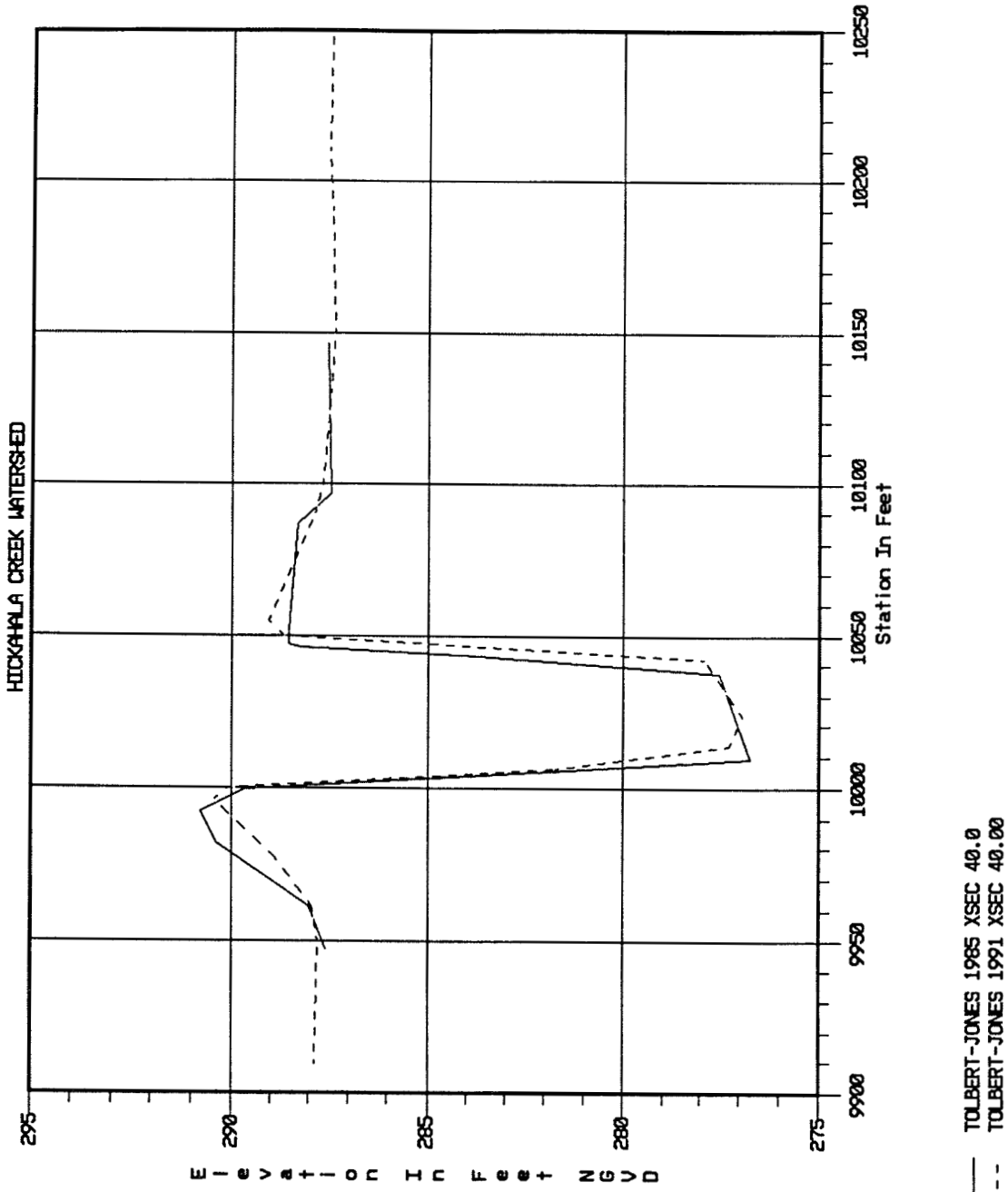

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
284
282
280
278
276
274
272
270
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
TOLBERT-JONES 1985 XSEC 12.4
TOLBERT-JONES 1991 XSEC 12.40

PLATE A136


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
295
290
285
280
275
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
TOLBERT-JONES 1985 XSEC 40.0
TOLBERT-JONES 1991 XSEC 40.00

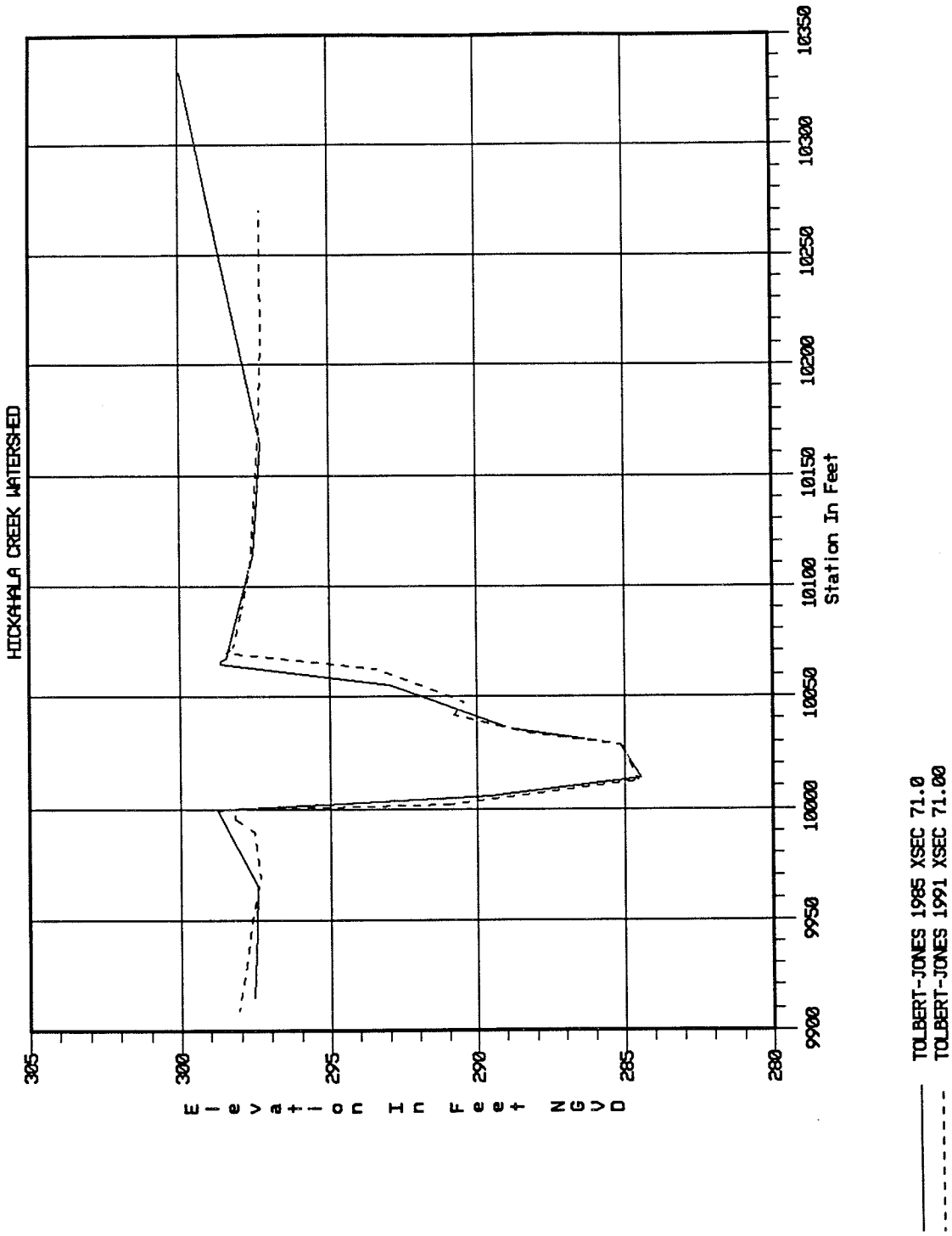
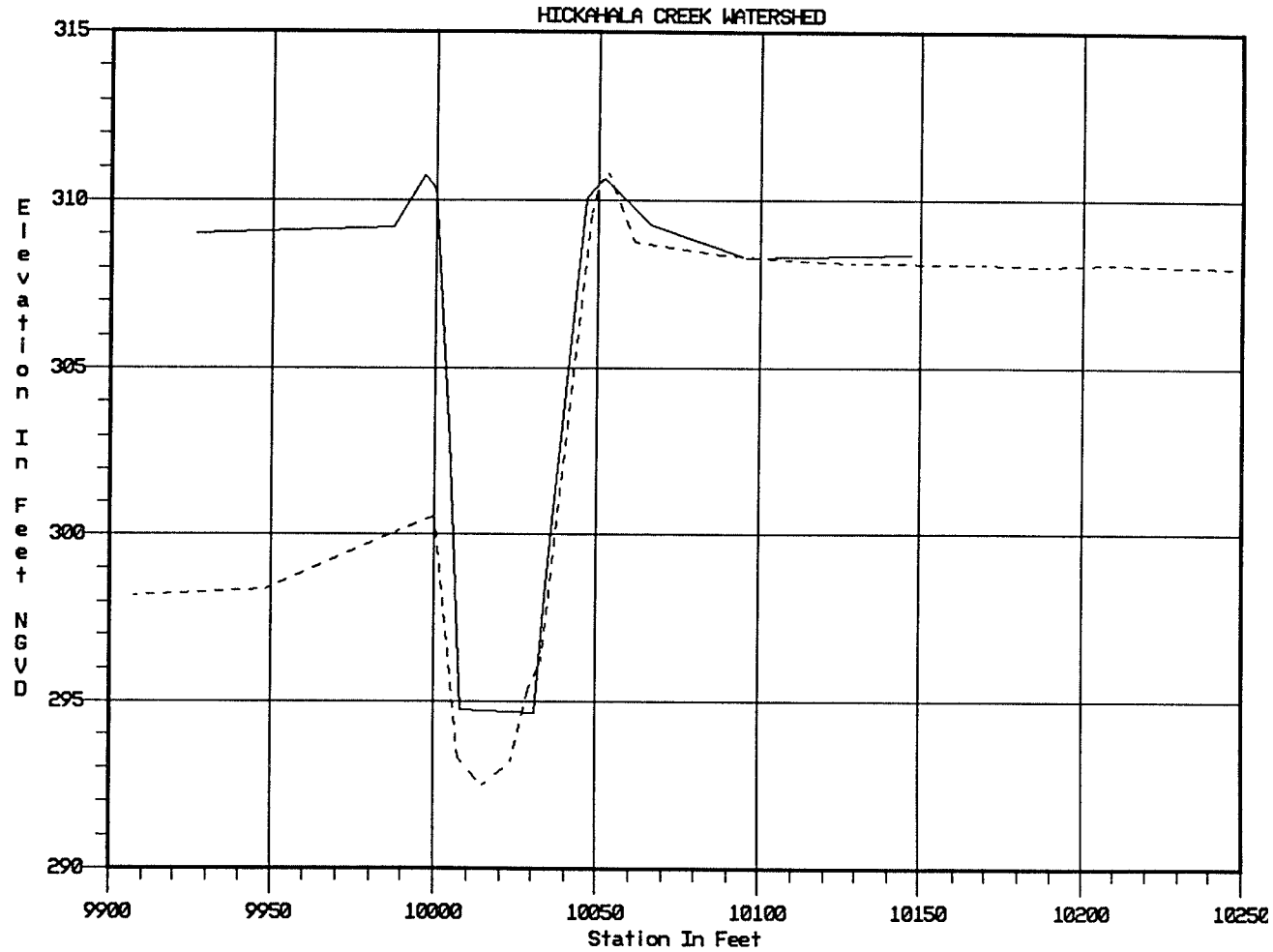

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
305
300
295
290
285
280
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
TOLBERT-JONES 1985 XSEC 71.0
TOLBERT-JONES 1991 XSEC 71.00

PLATE A138



TOLBERT-JONES 1985 XSEC 105.0
TOLBERT-JONES 1991 XSEC 105.00

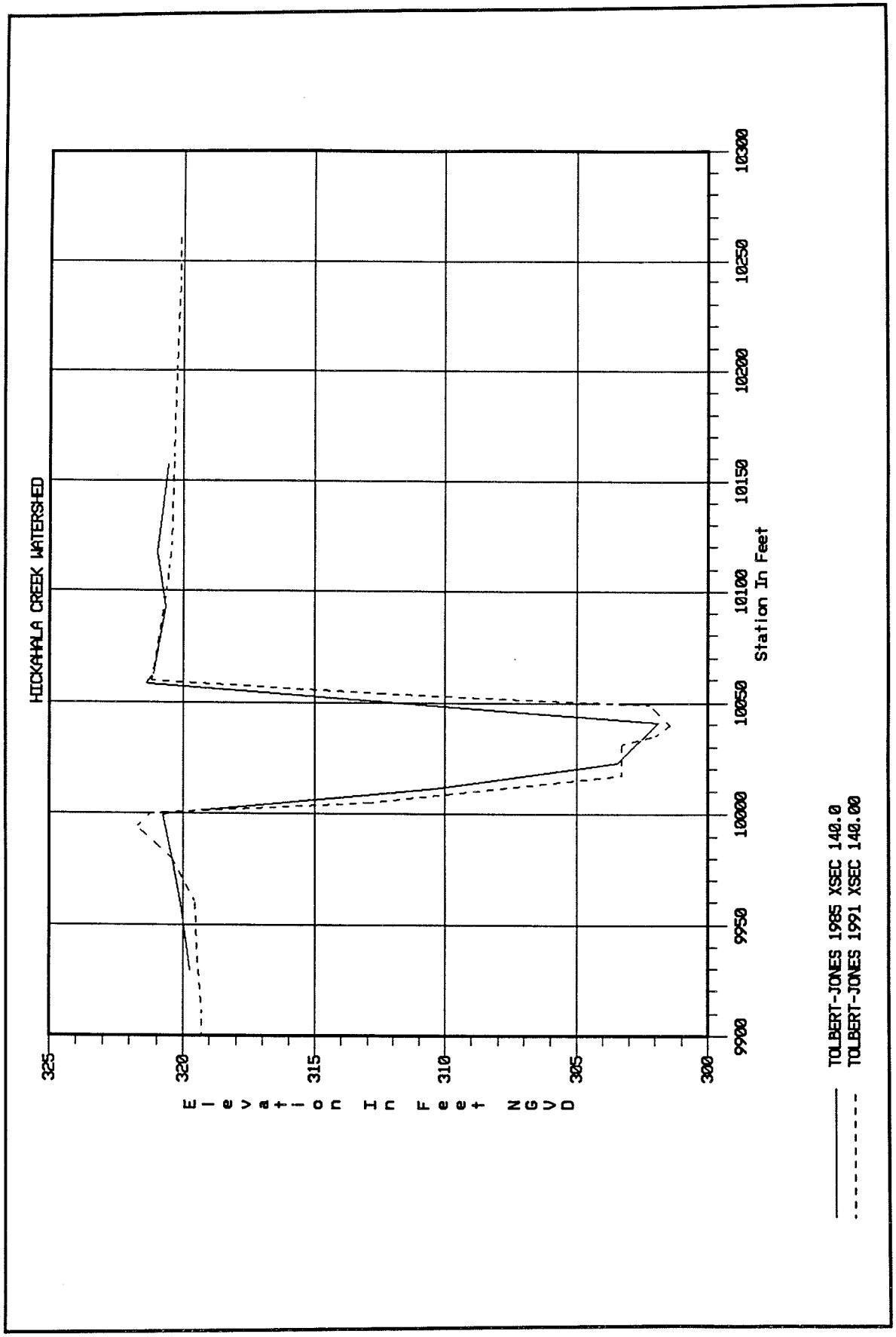
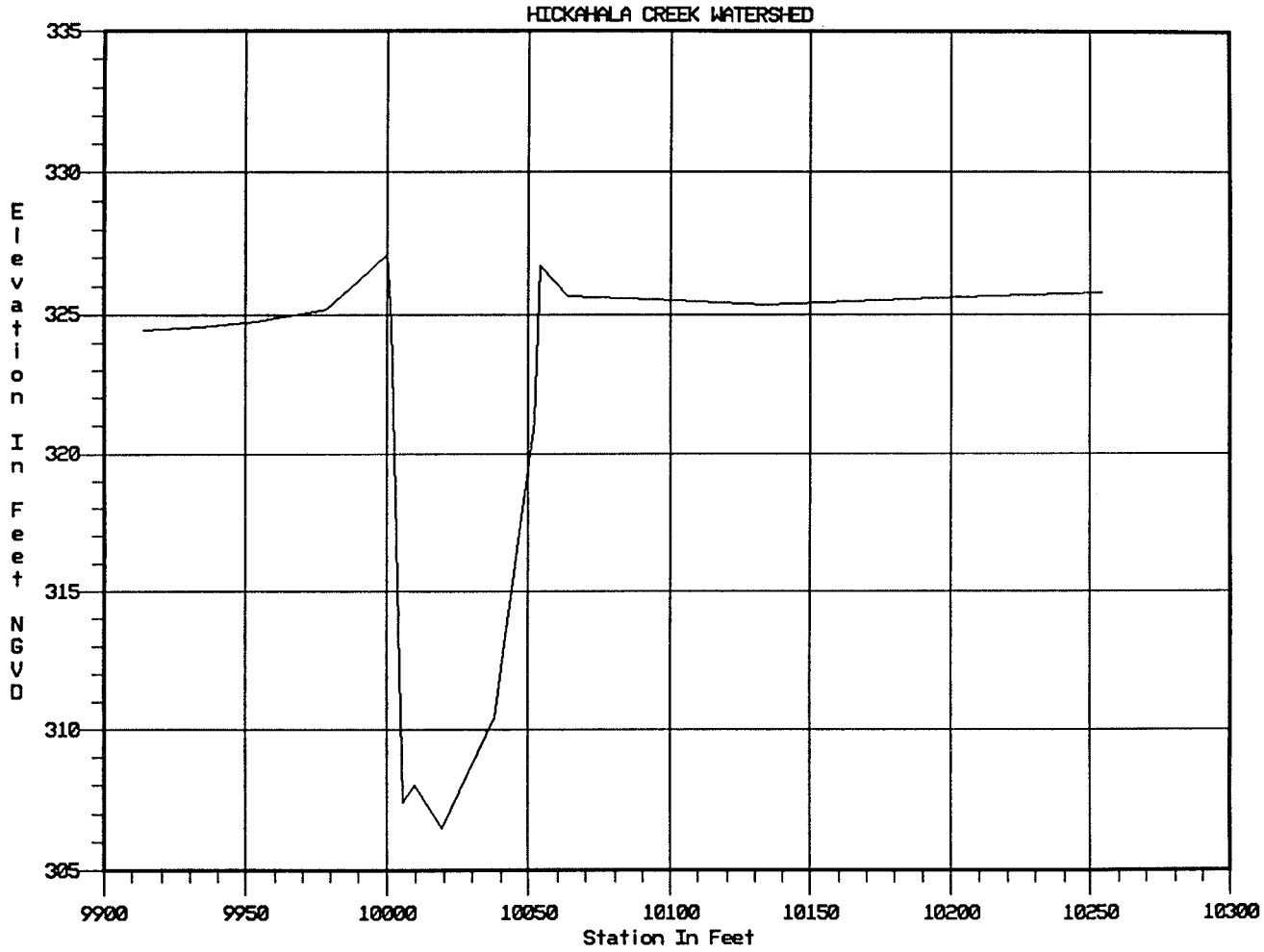
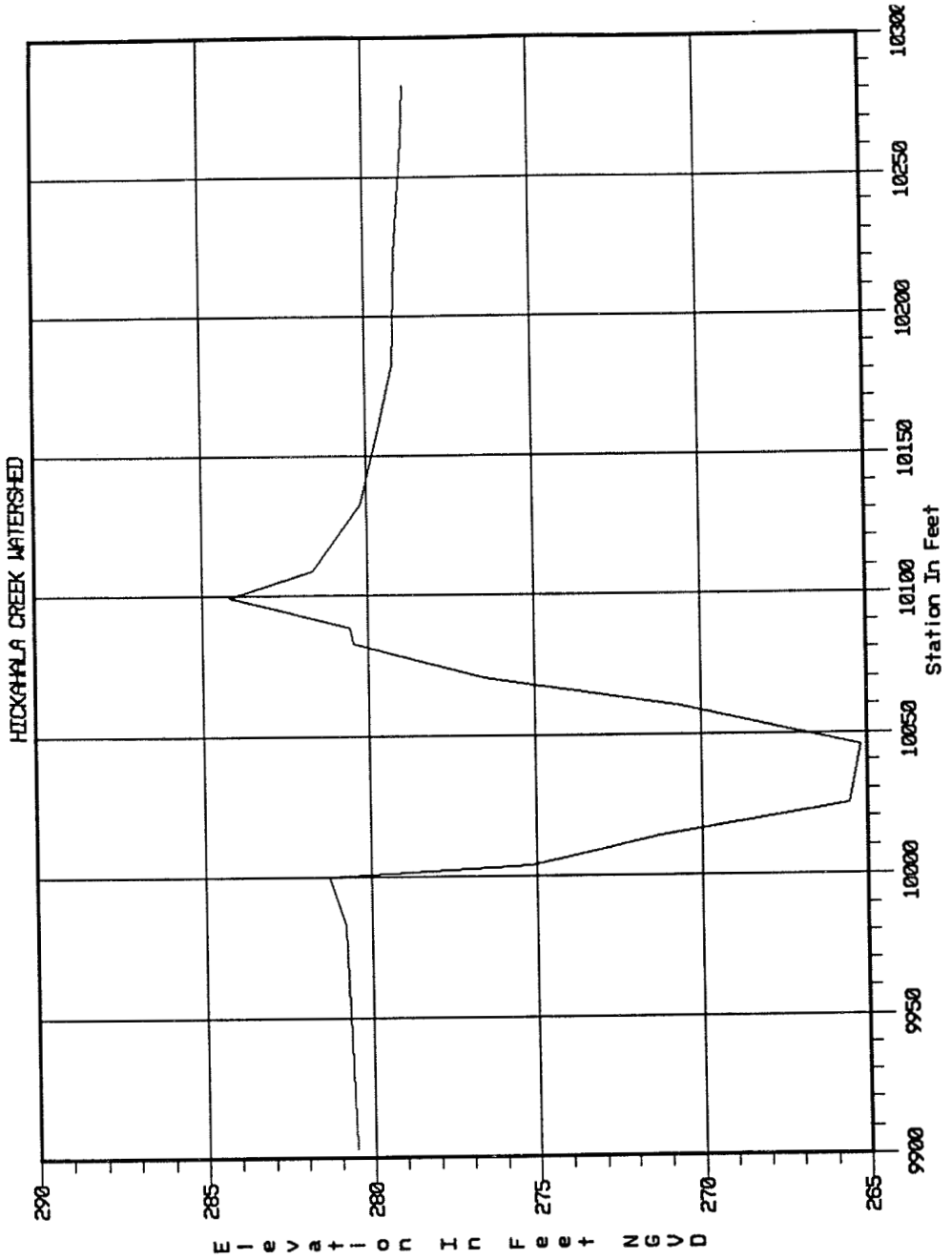

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
325
320
315
310
305
300
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
TOLBERT-JONES 1985 XSEC 140.0
TOLBERT-JONES 1991 XSEC 140.00

PLATE A140

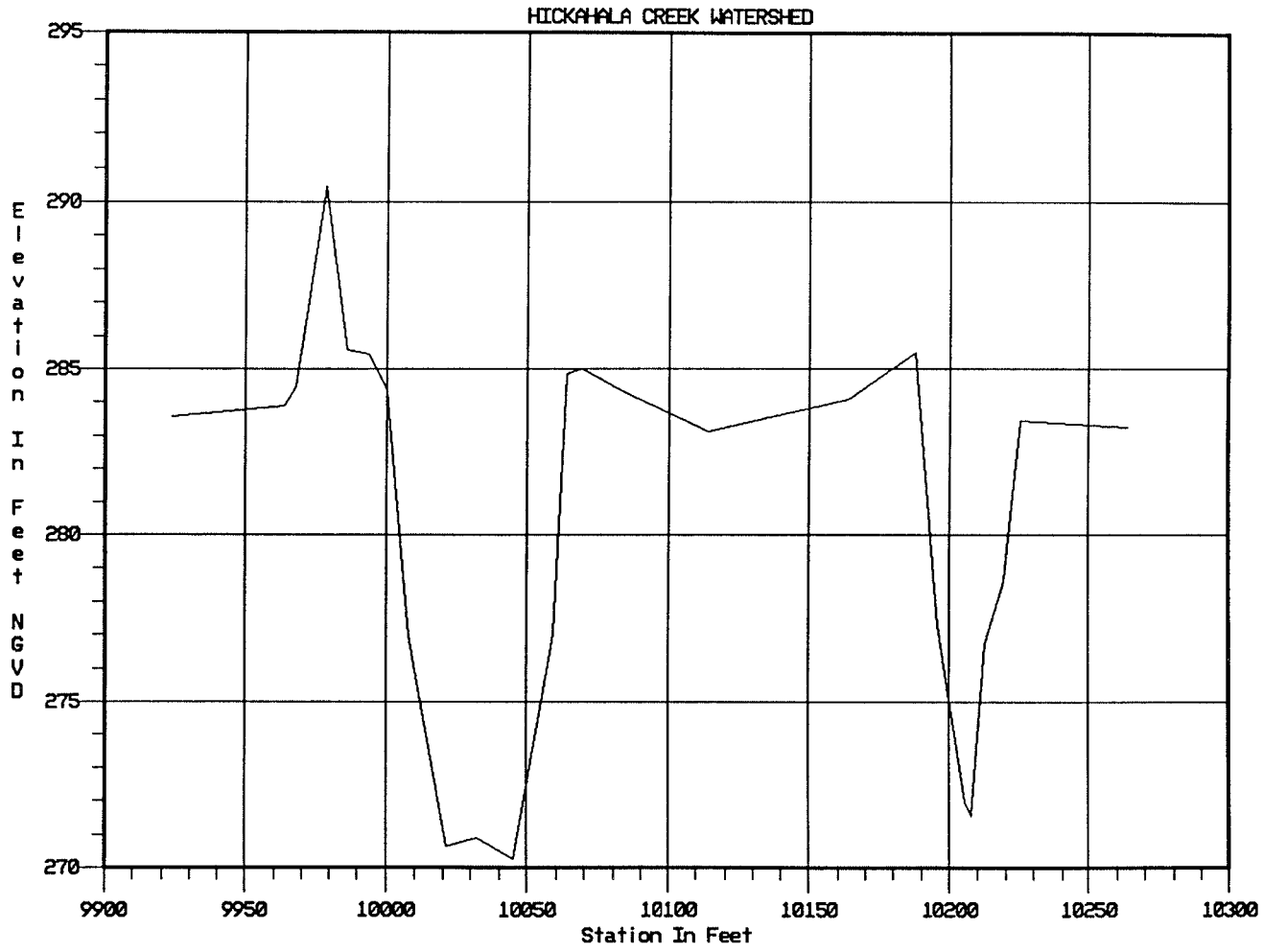


TOLBERT-JONES 1991 XSEC 157.00



NELSON 1991 XSEC 11.10

PLATE A142



NELSON 1991 XSEC 40.53

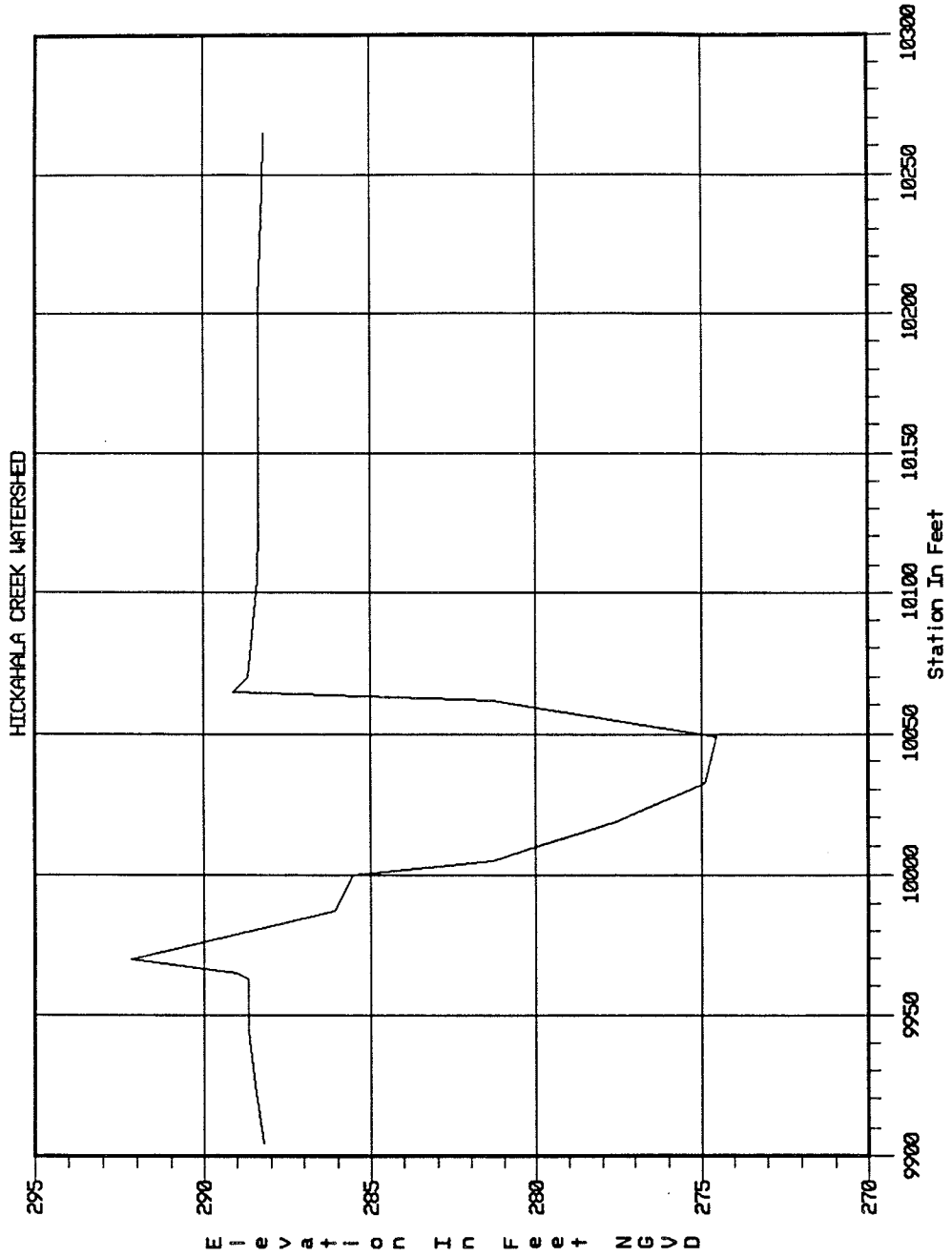
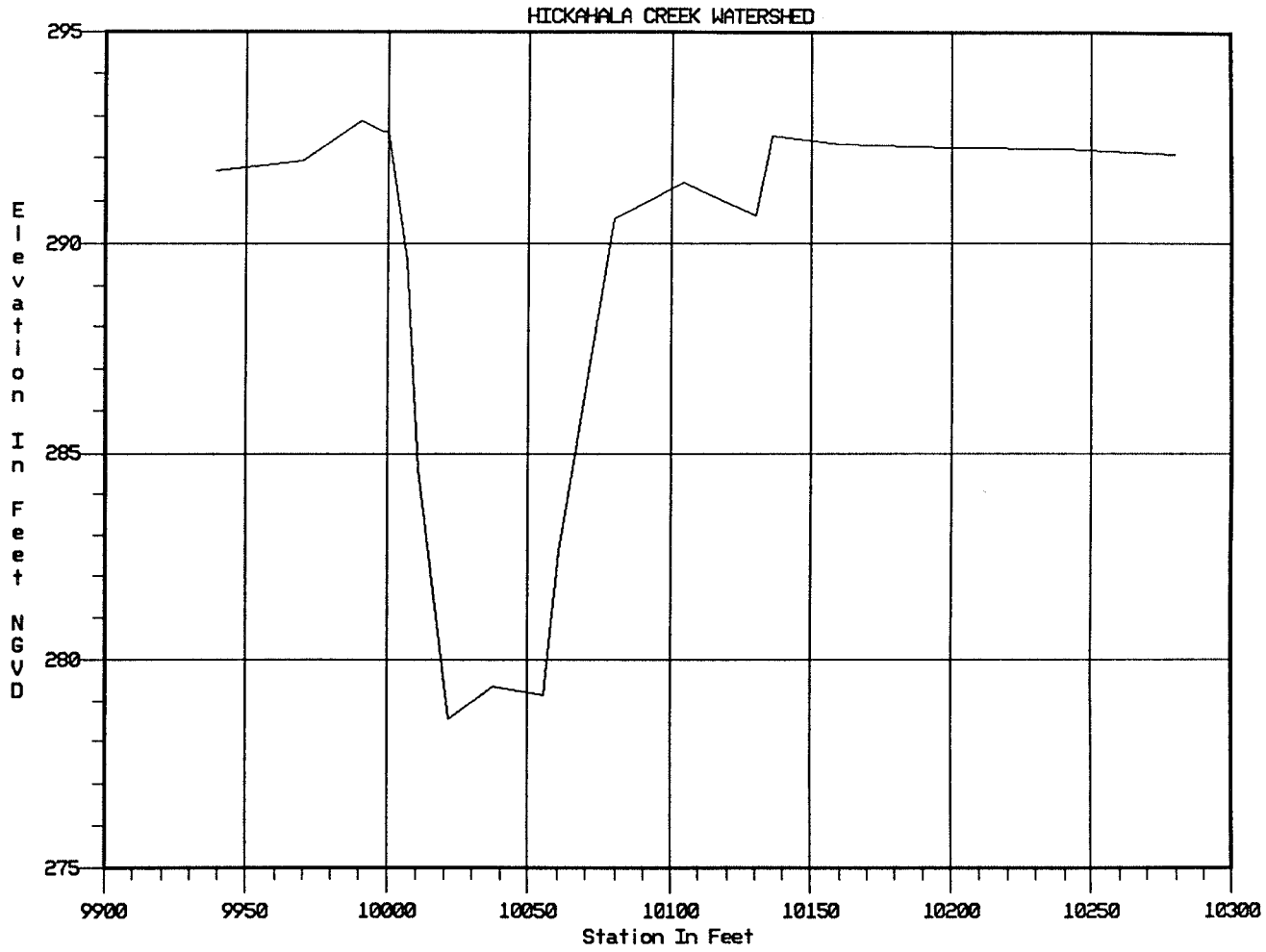
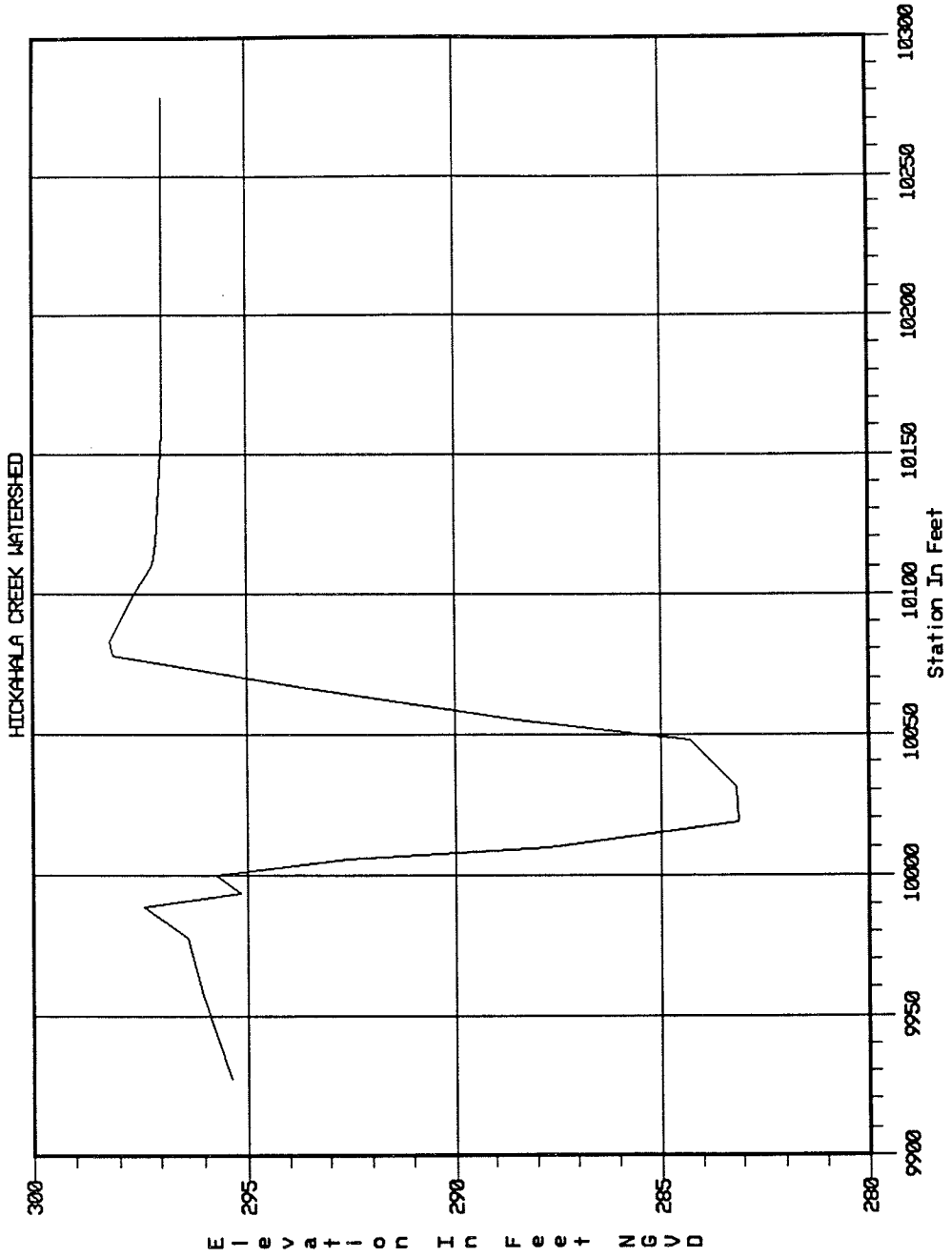

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
295
290
285
280
275
270
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
NELSON 1991 XSEC 69.70

PLATE A144

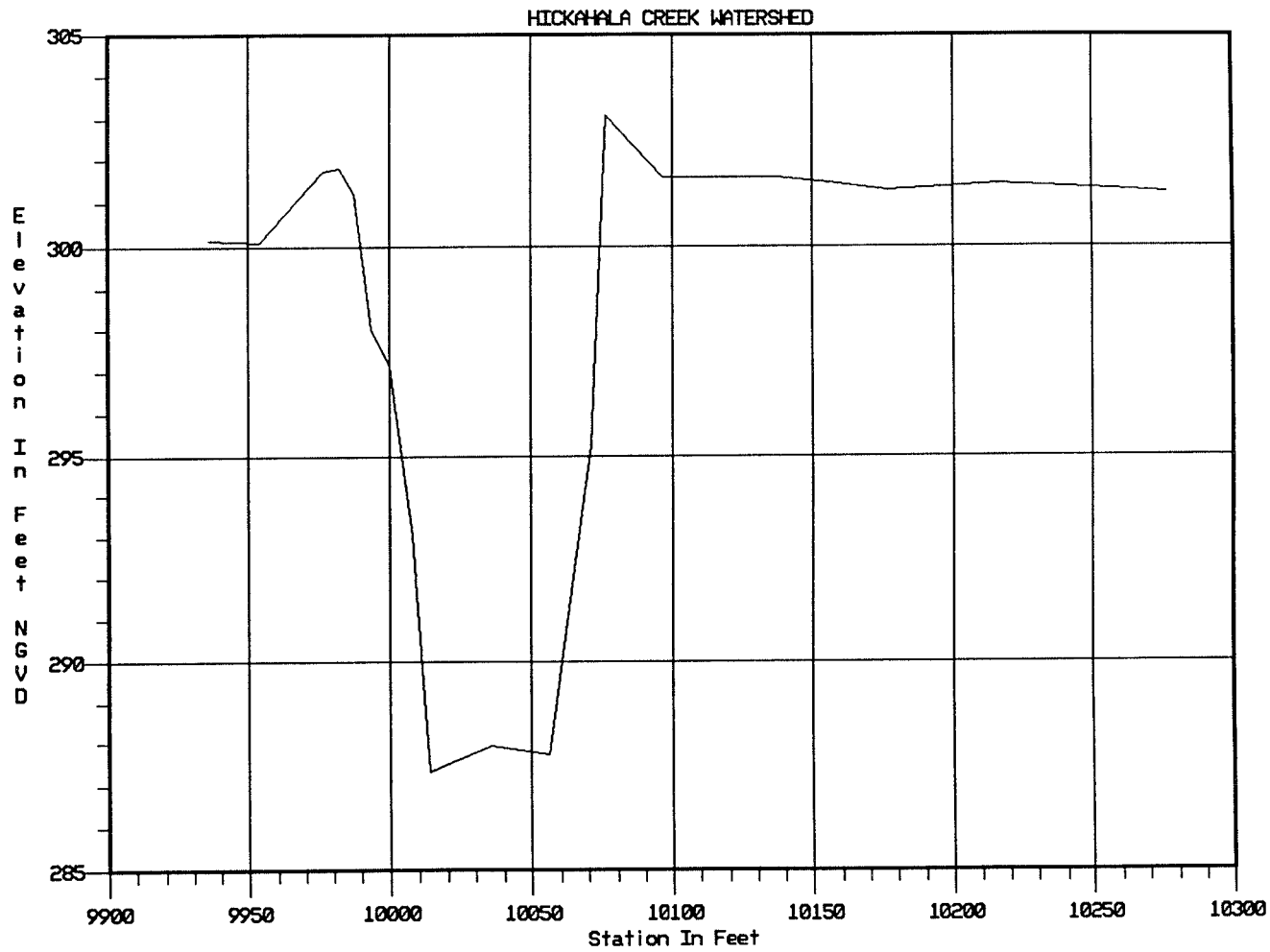


NELSON 1991 XSEC 97.00

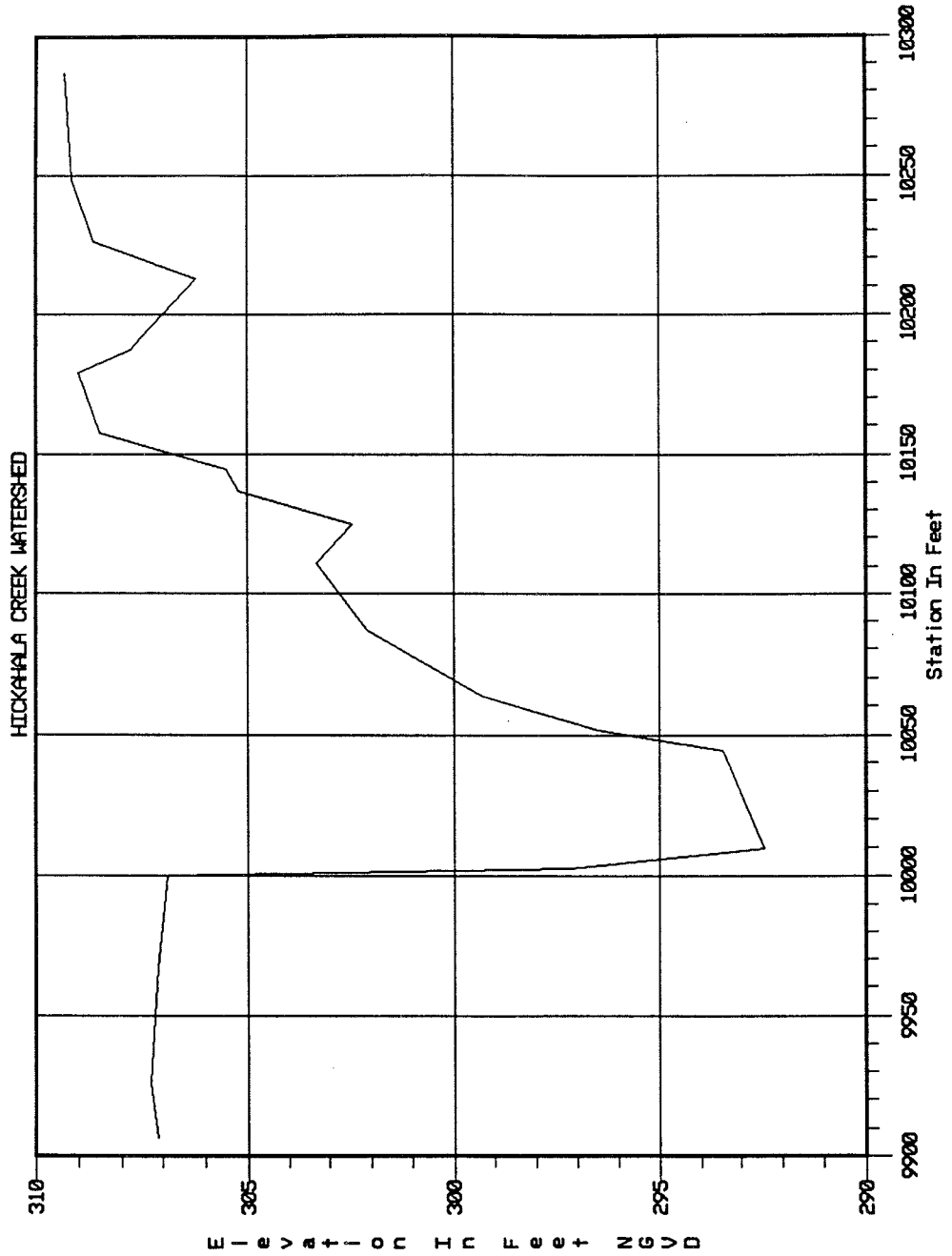


NELSON 1991 XSEC 130.20

PLATE A146

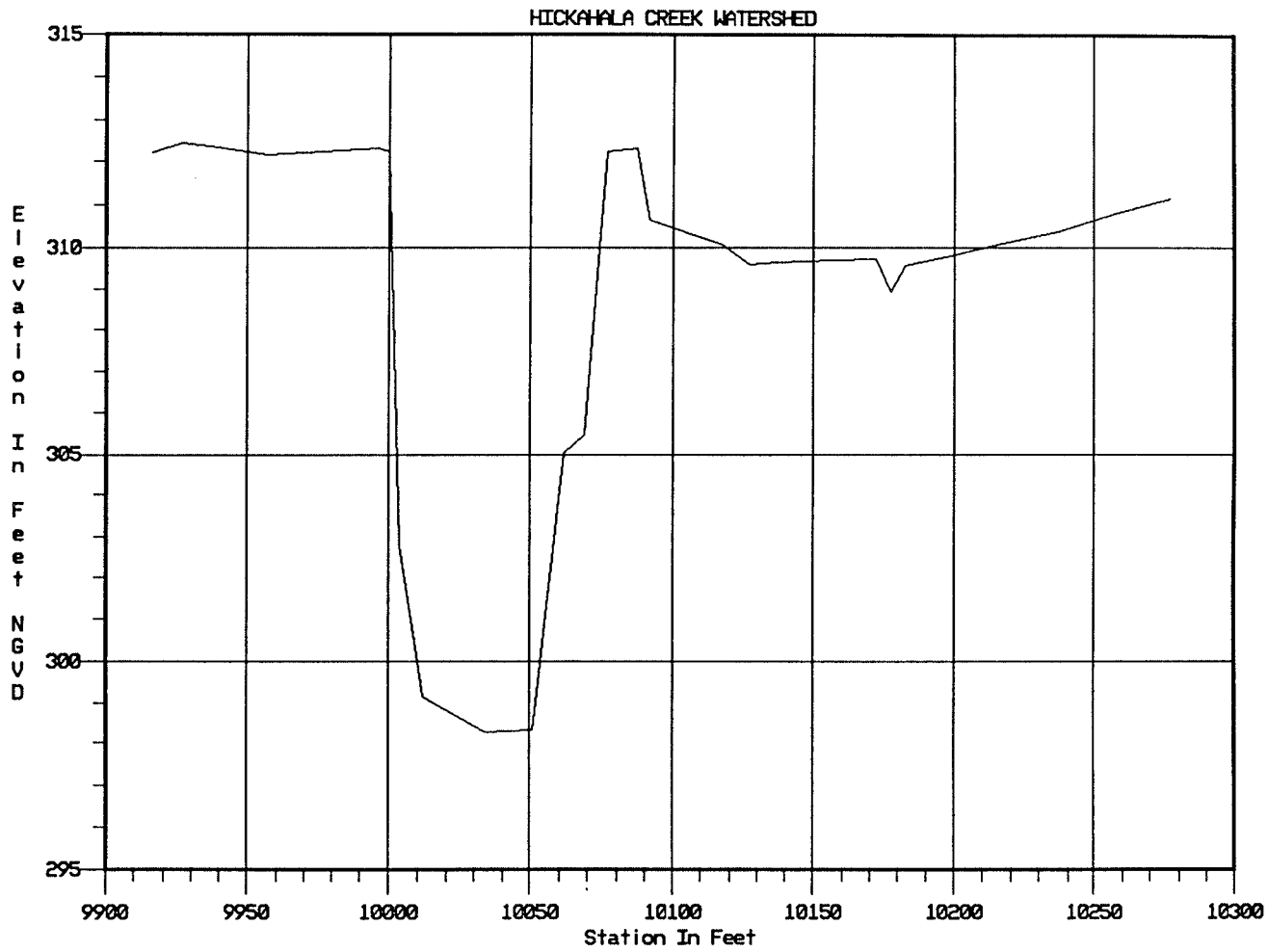


NELSON 1991 XSEC 160.00

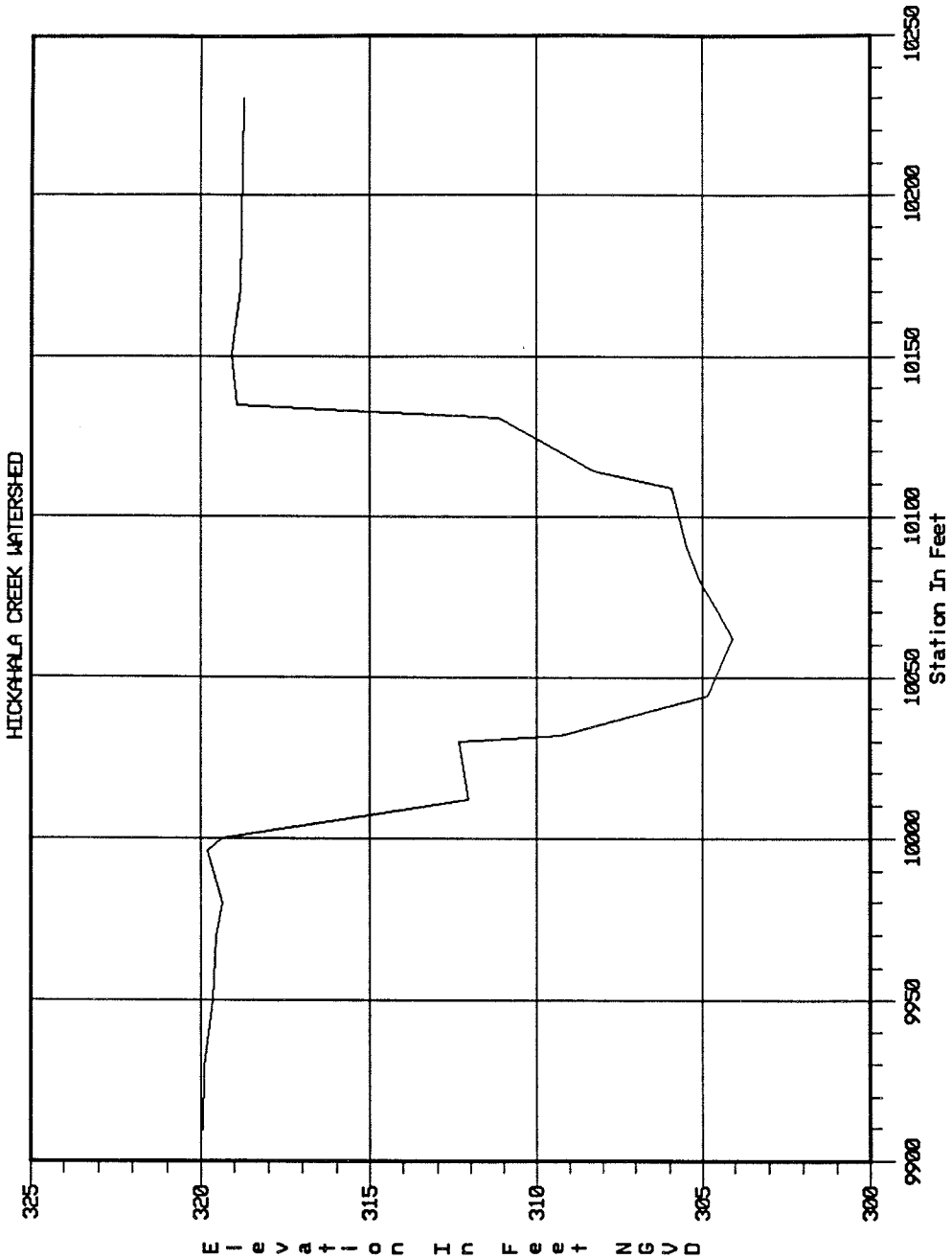


NELSON 1991 XSEC 189.00

PLATE A148

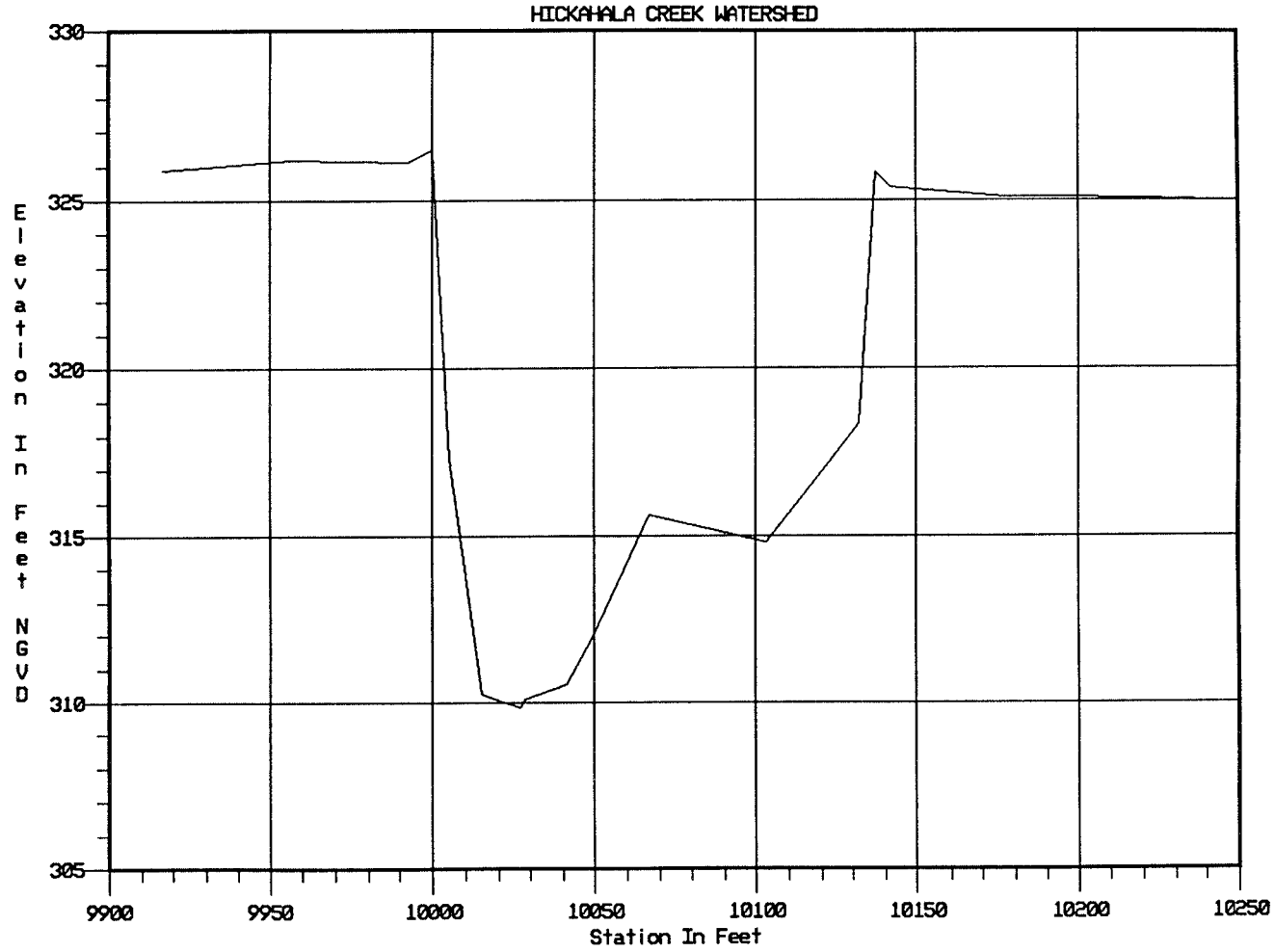


NELSON 1991 XSEC 221.20



NELSON 1991 XSEC 253.40

PLATE A150



NELSON 1991 XSEC 282.00

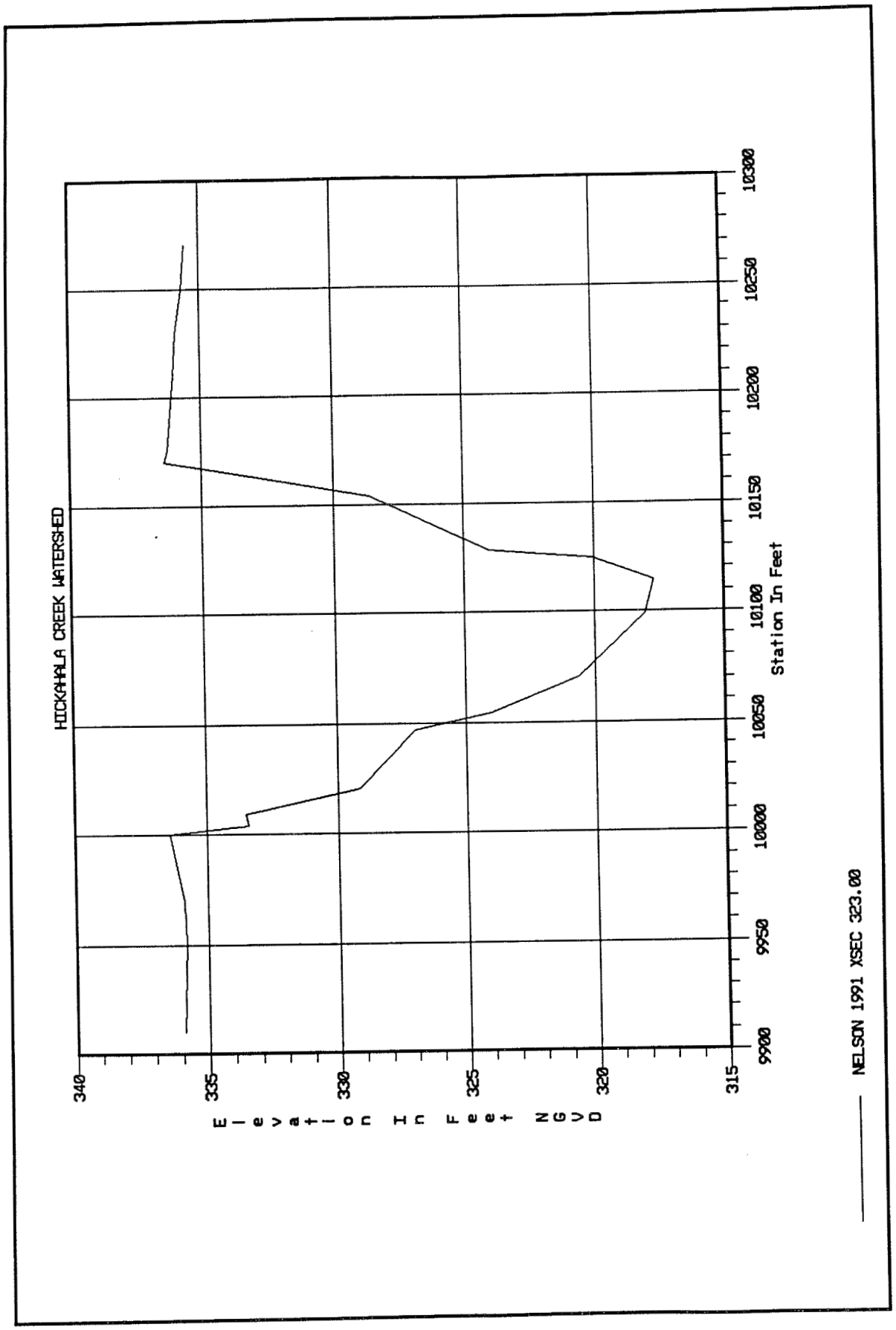
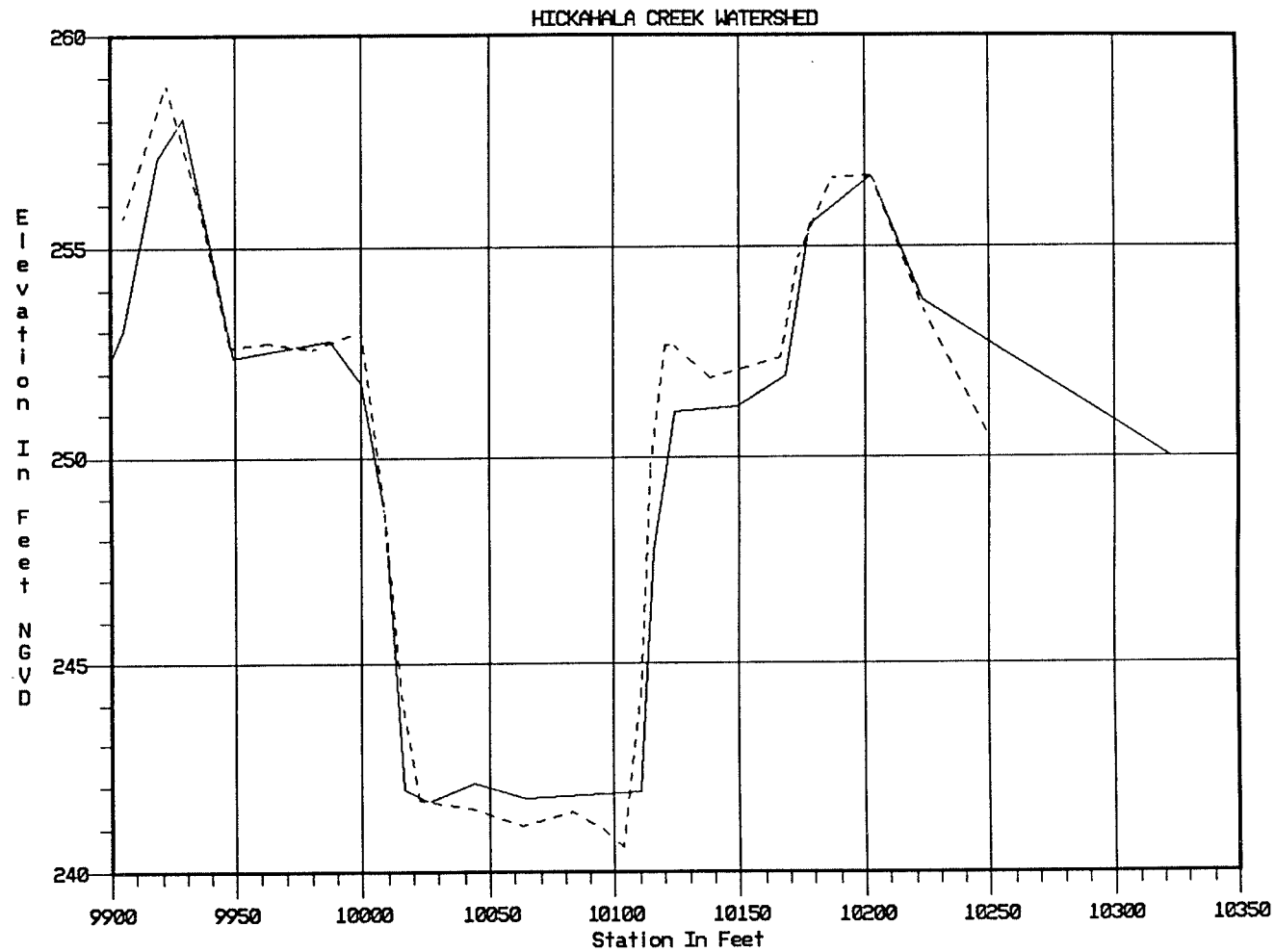

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
340
335
330
325
320
315
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
NELSON 1991 XSEC 323.00

PLATE A152



HICKAHALA 1985 XSEC 478.5
HICKAHALA 1991 XSEC 476.80

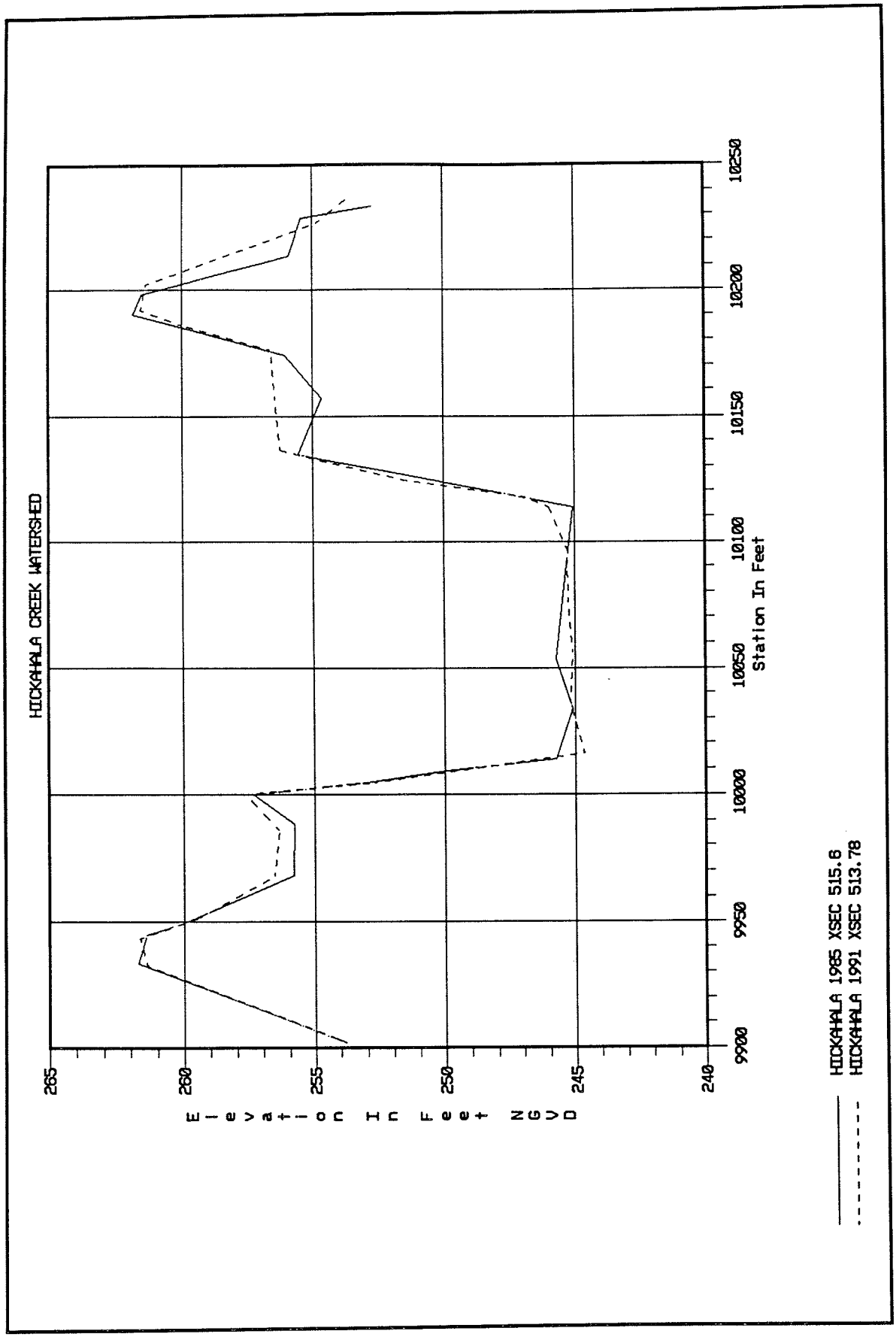
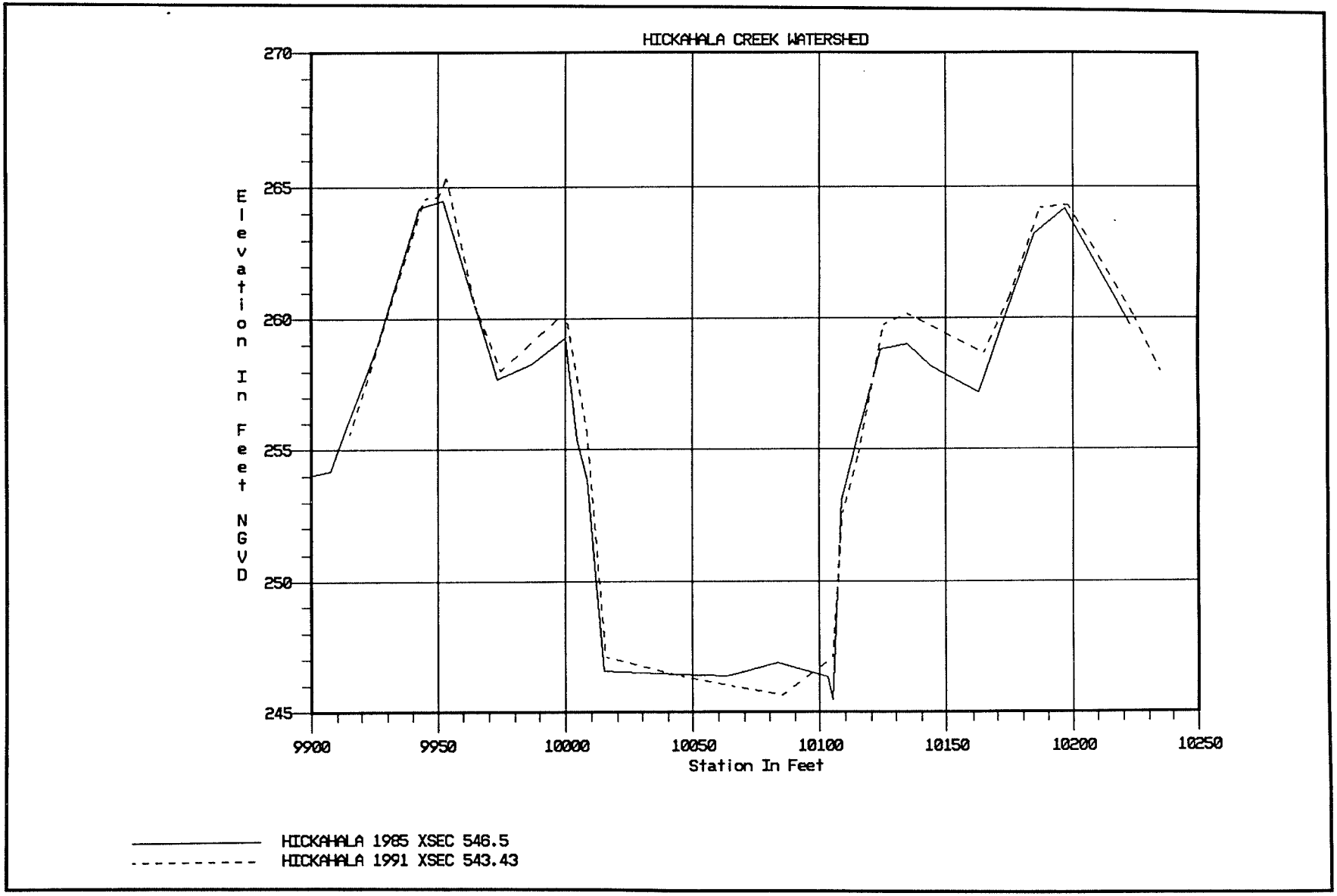

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
265
260
255
250
245
240
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 515.8
HICKAHALA 1991 XSEC 513.78

PLATE A154


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
270
265
260
255
250
245
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 546.5
HICKAHALA 1991 XSEC 543.43

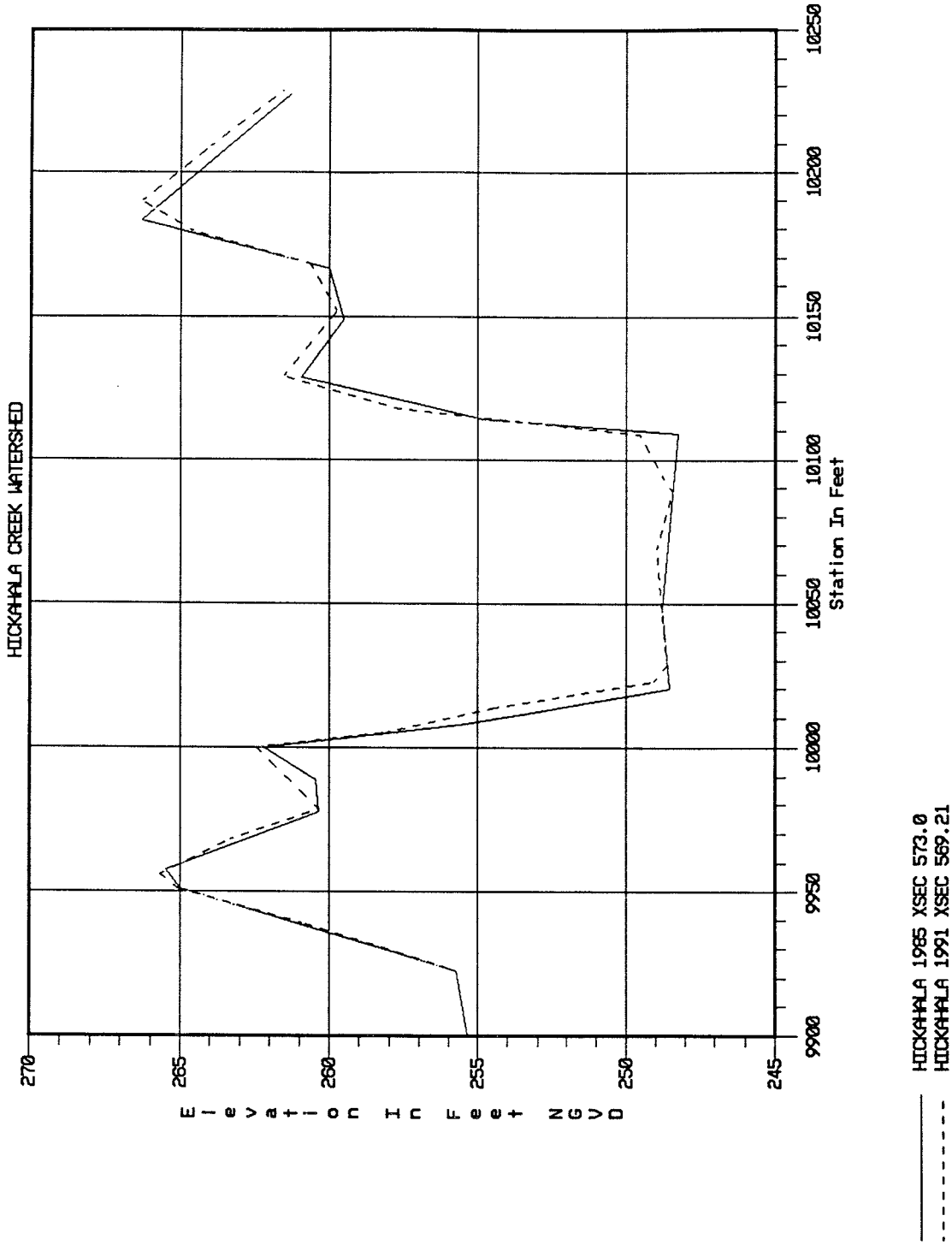
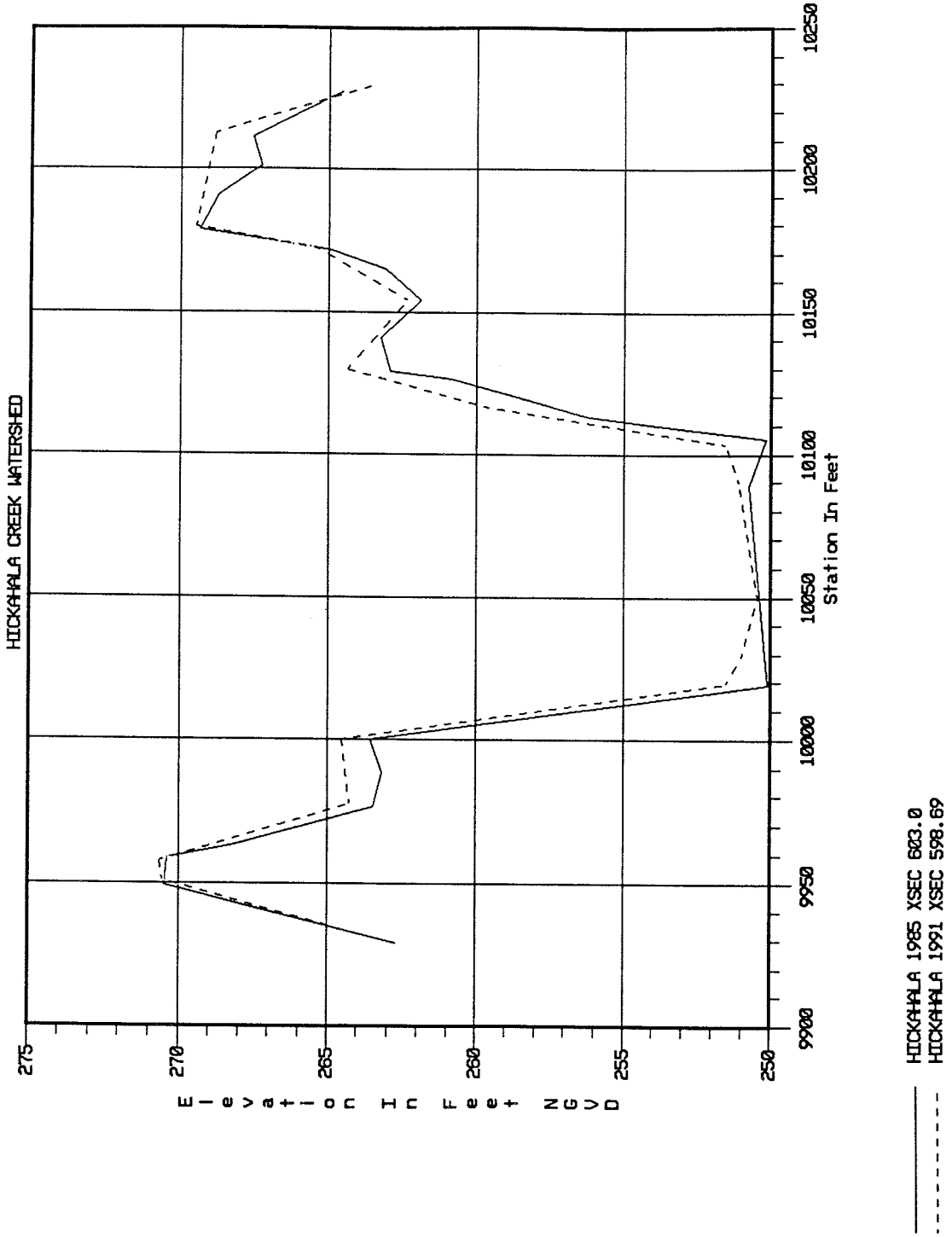

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
270
265
260
255
250
245
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 573.0
HICKAHALA 1991 XSEC 569.21

PLATE A156


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
275
270
265
260
255
250
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 603.0
HICKAHALA 1991 XSEC 598.69

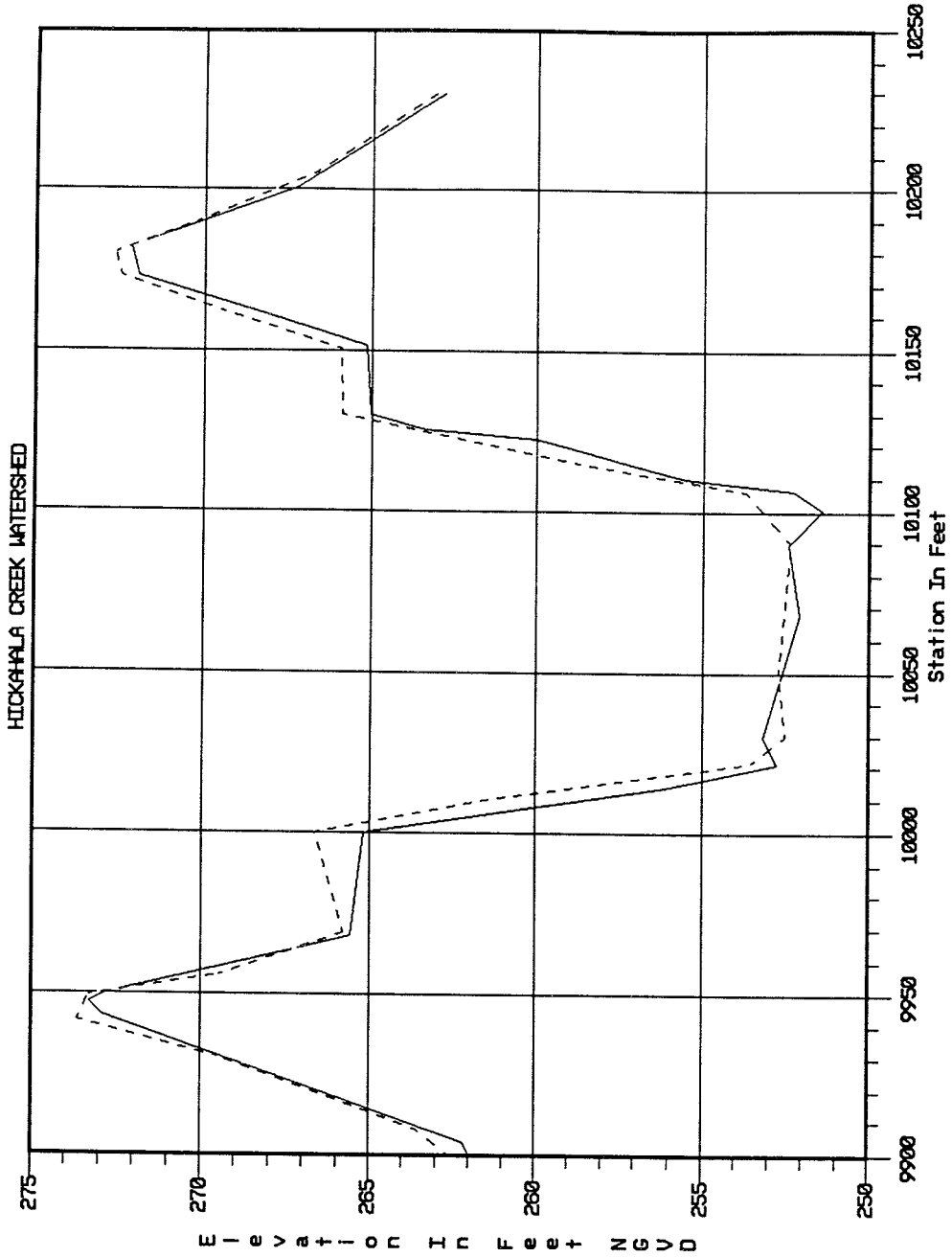
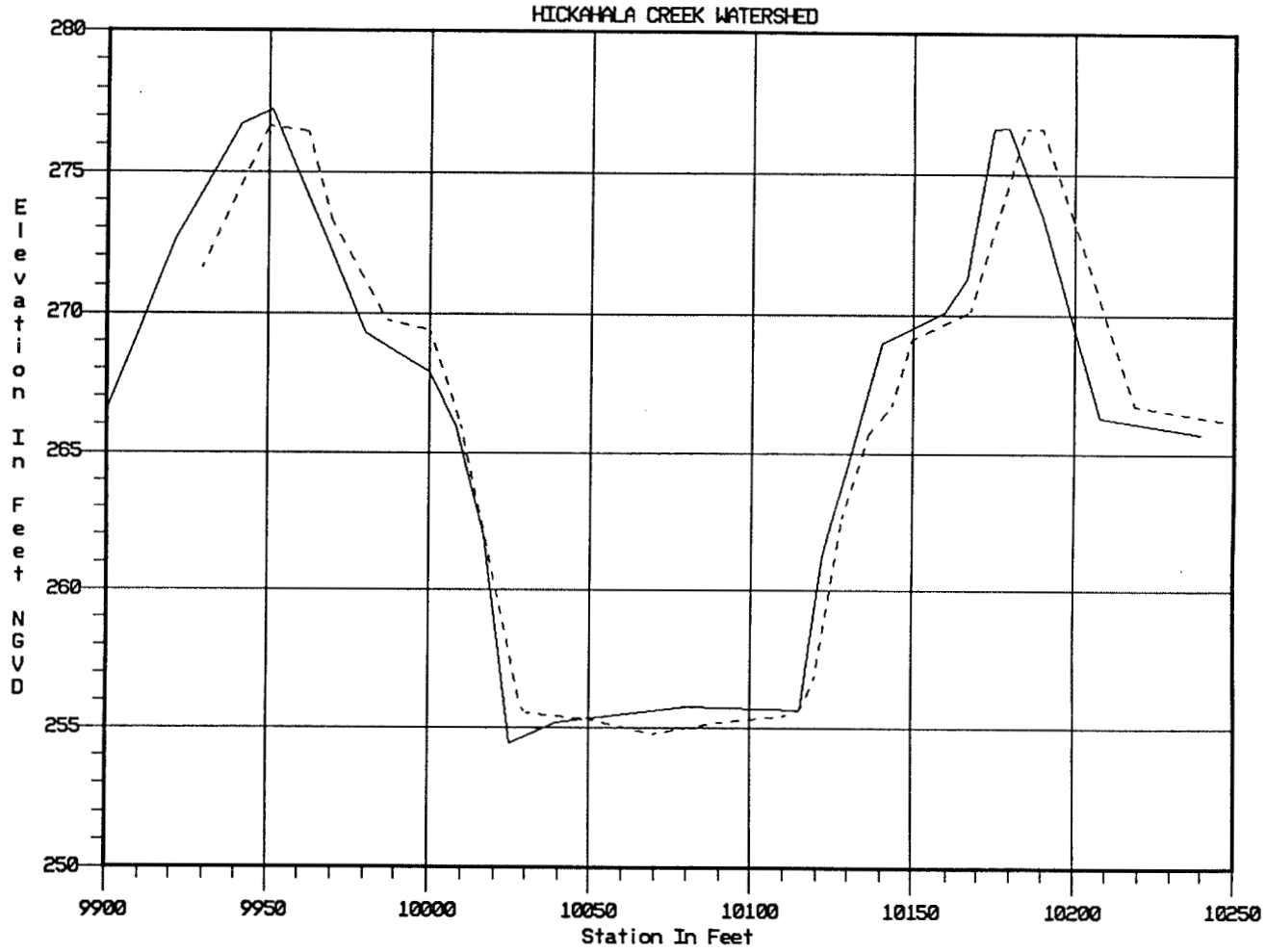

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
275
270
265
260
255
250
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 633.0
HICKAHALA 1991 XSEC 627.66

PLATE A158



HICKAHALA 1985 XSEC 684.0
HICKAHALA 1991 XSEC 657.58

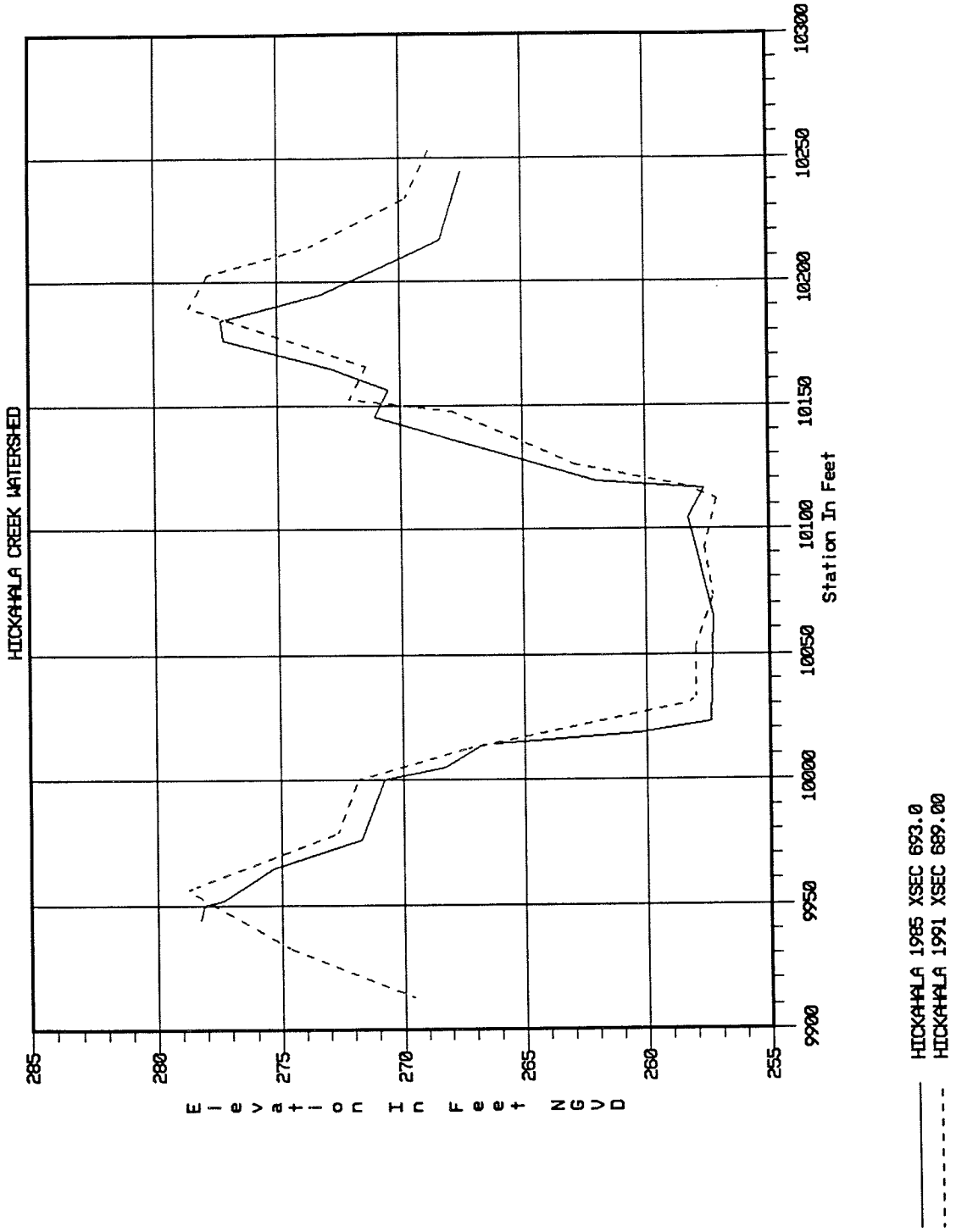
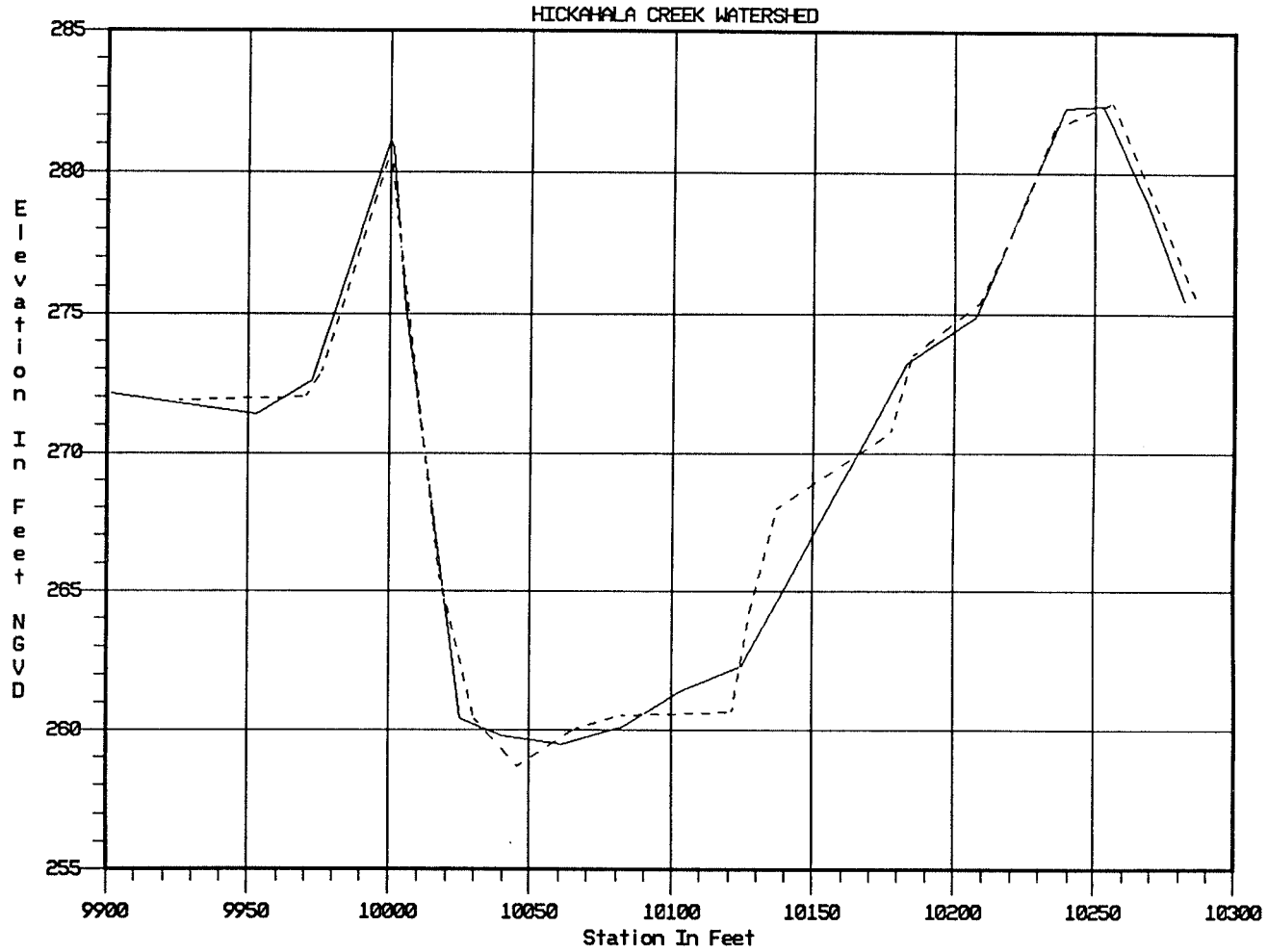
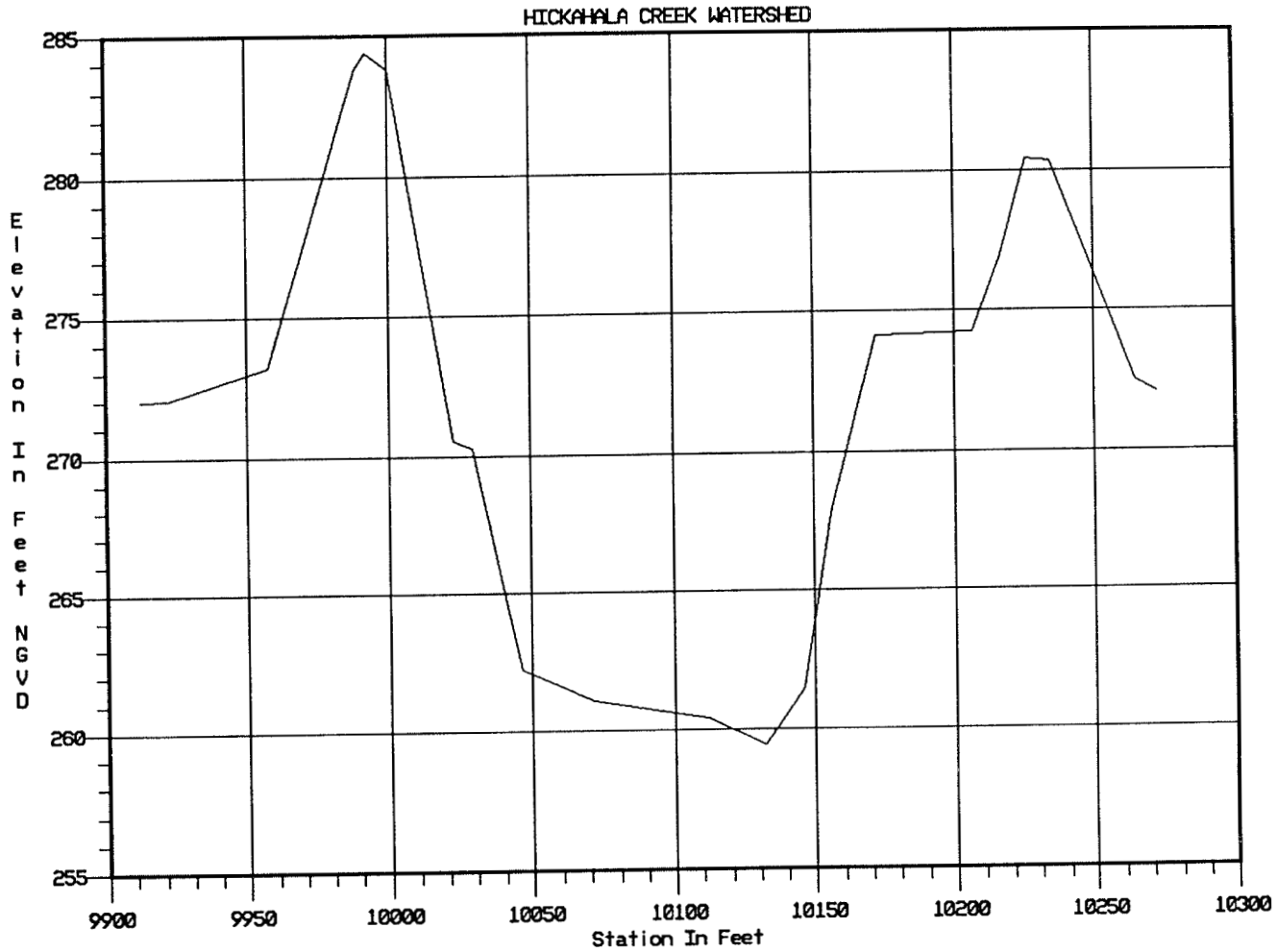

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
285
280
275
270
265
260
255
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
HICKAHALA 1985 XSEC 693.0
HICKAHALA 1991 XSEC 689.00

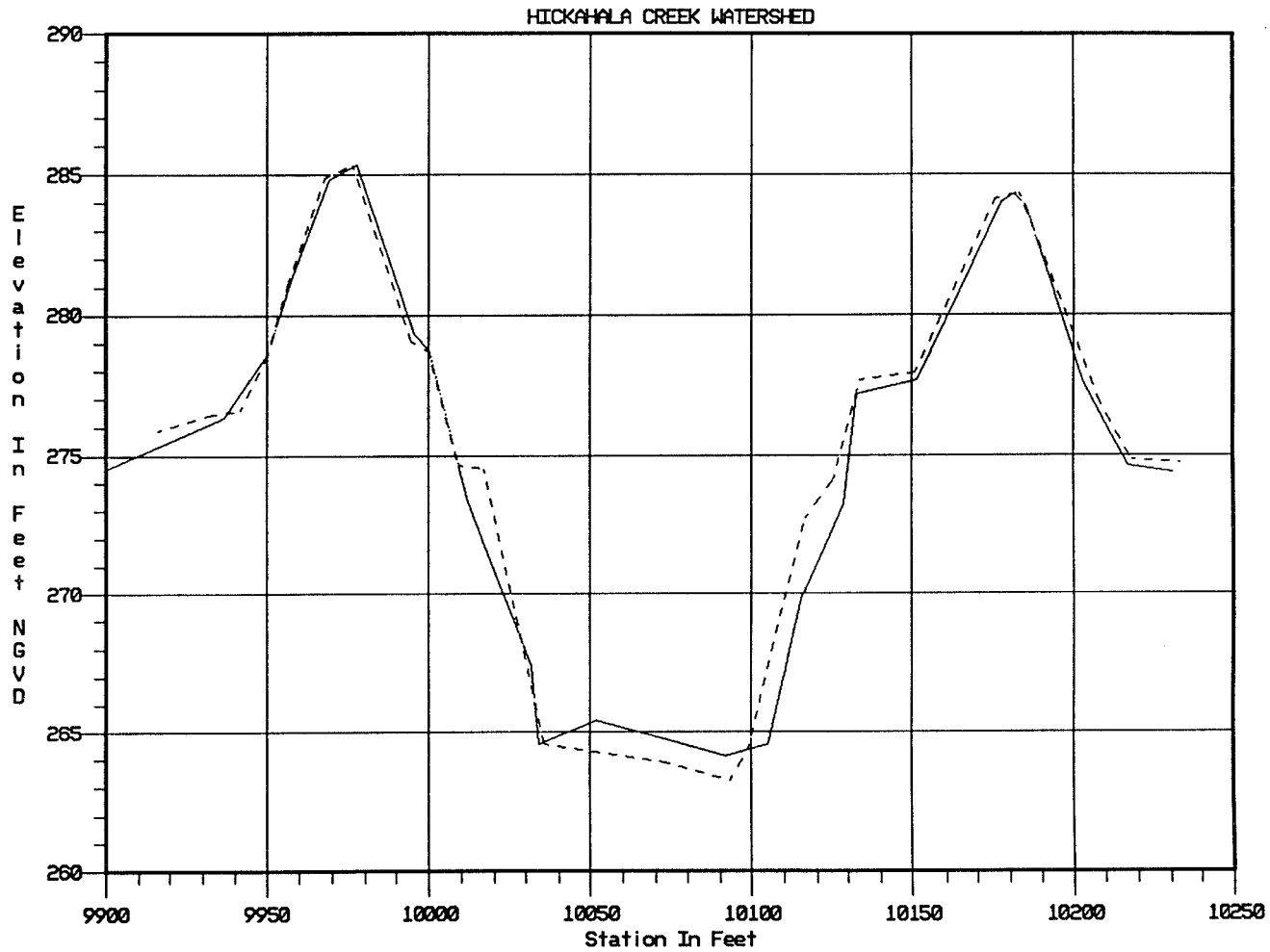
PLATE A160



HICKAHALA 1985 XSEC 726.5
HICKAHALA 1991 XSEC 718.00



HICKAHALA 1991 XSEC 723.00



HICKAHALA 1985 XSEC 771.0
HICKAHALA 1991 XSEC 762.00

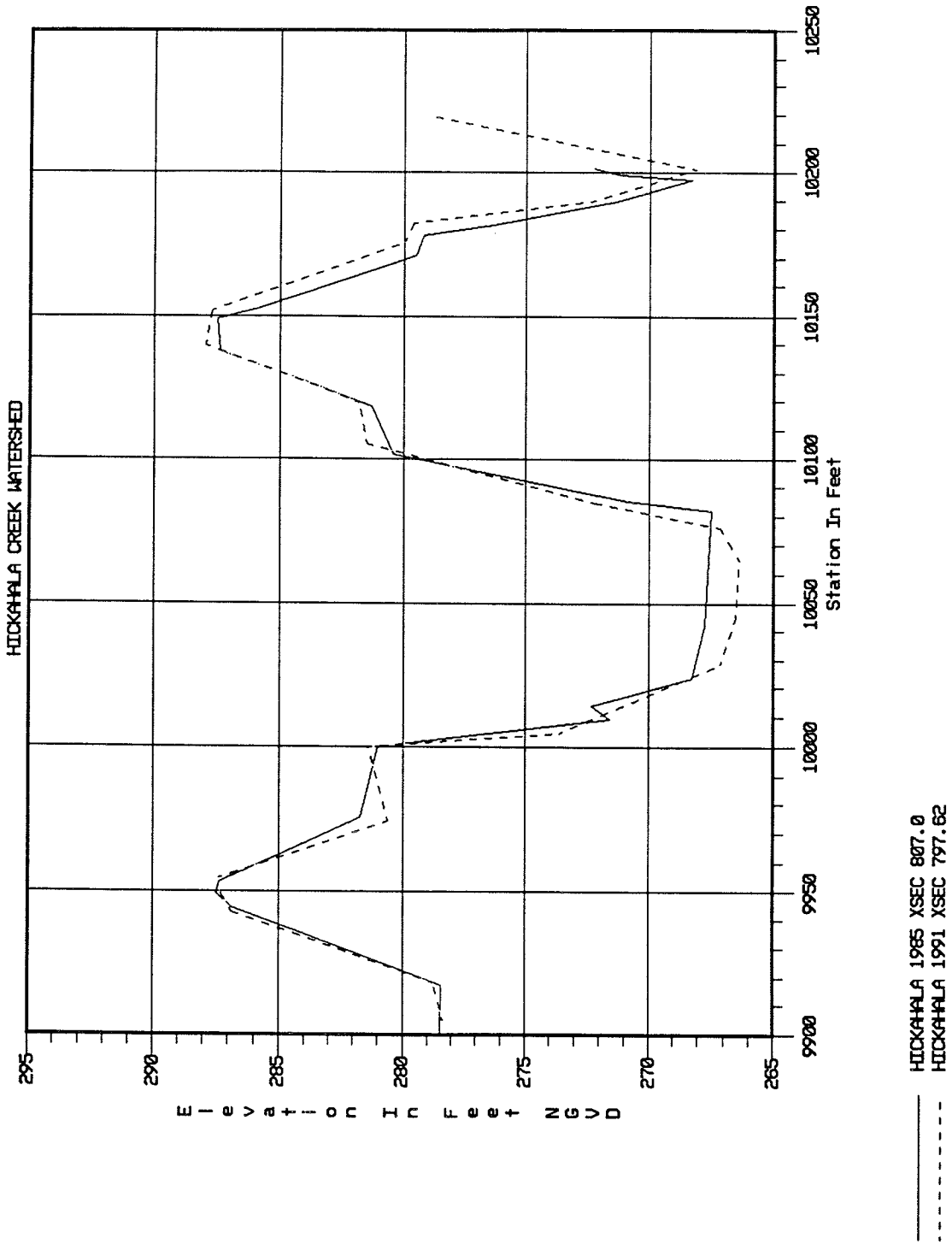
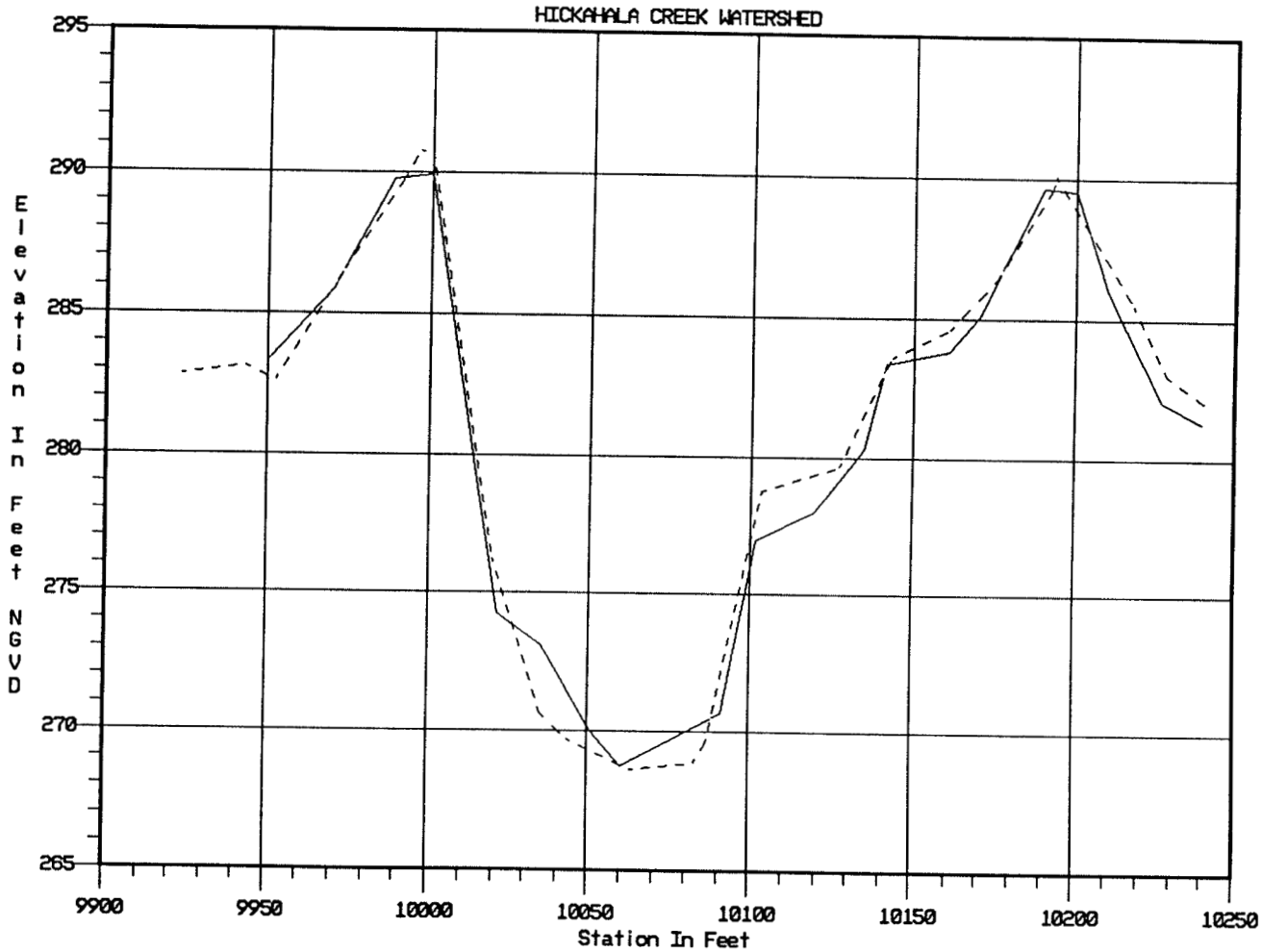

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
295
290
285
280
275
270
265
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 807.0
HICKAHALA 1991 XSEC 797.62

PLATE A164



HICKAHALA 1985 XSEC 837.0
HICKAHALA 1991 XSEC 827.05

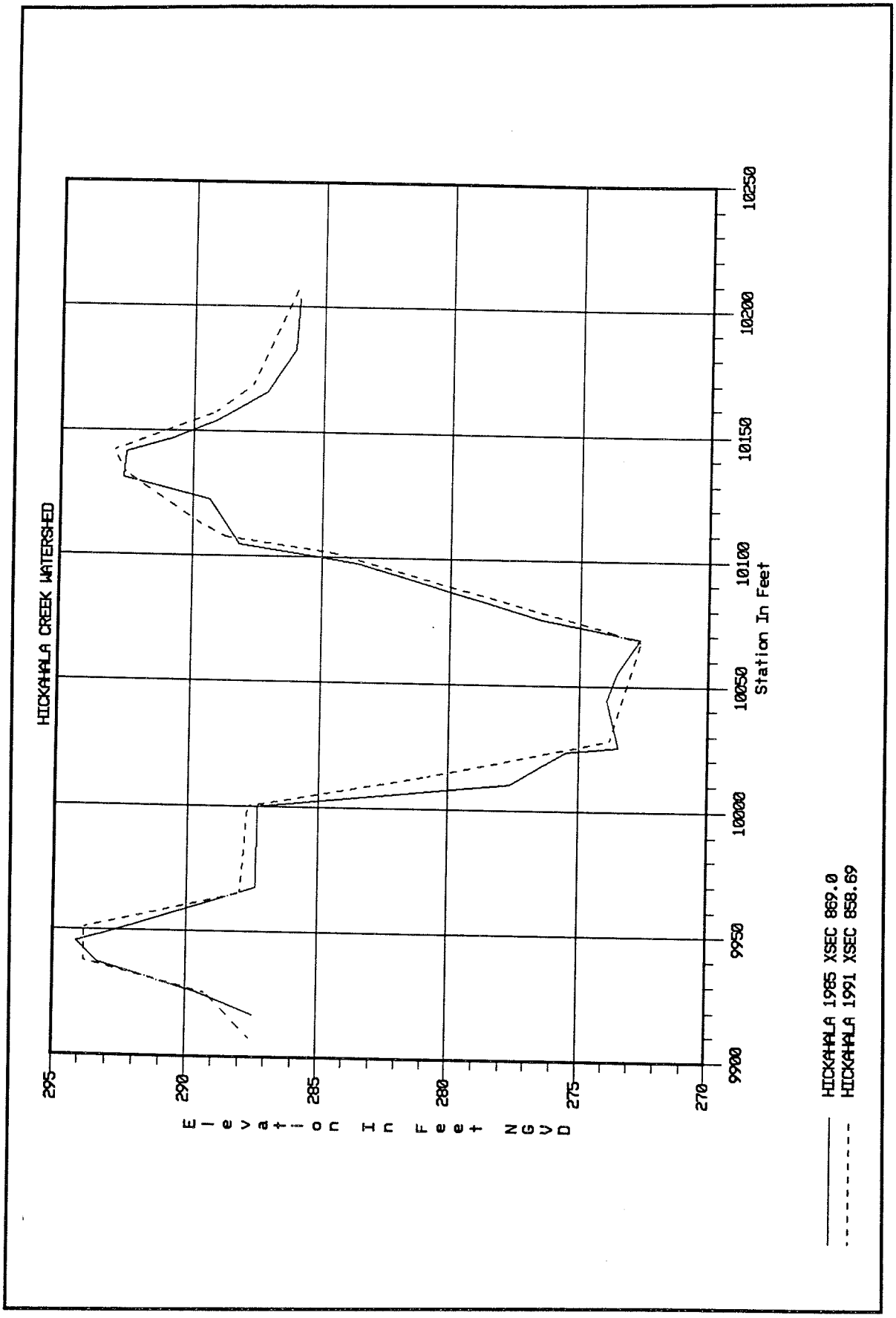
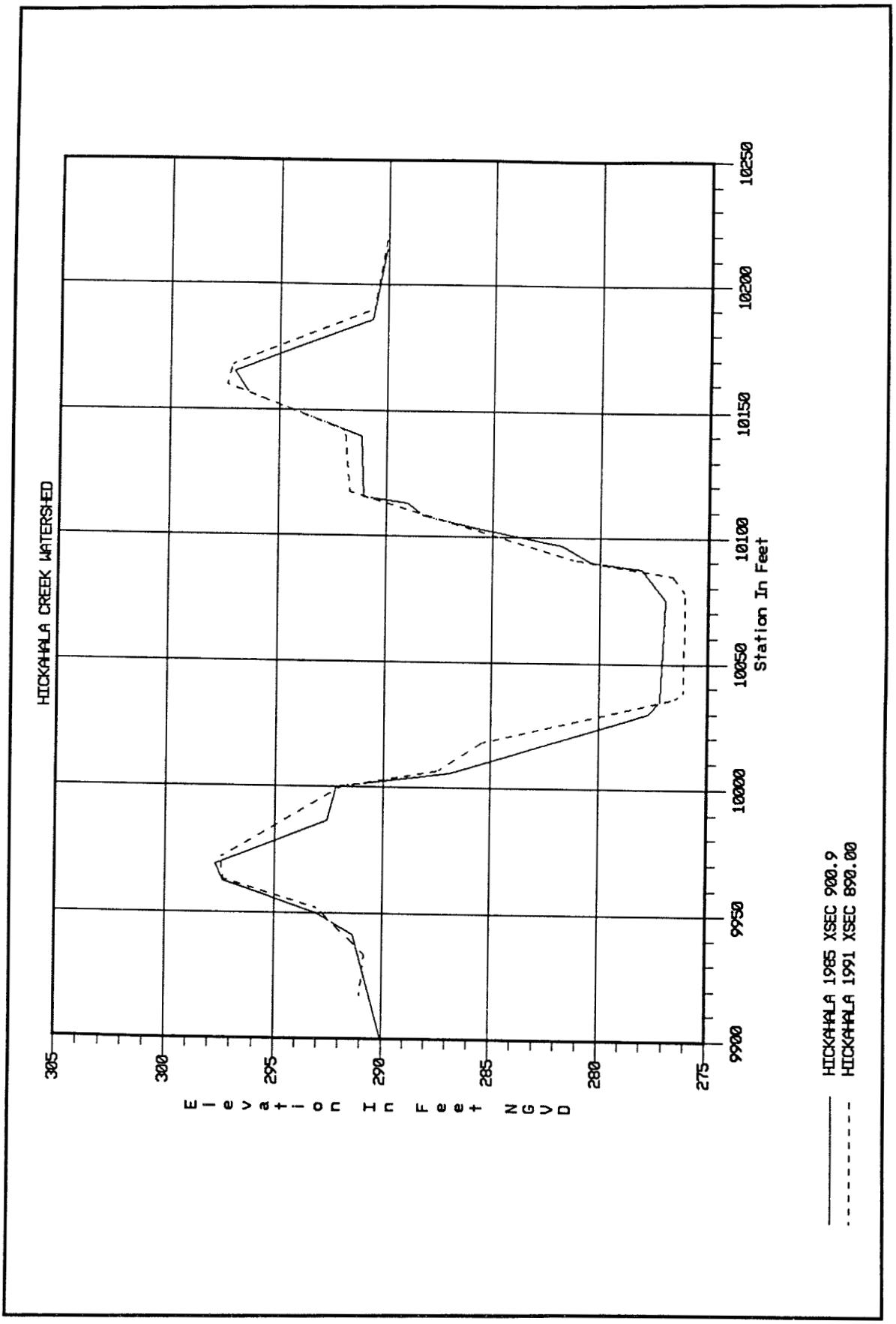
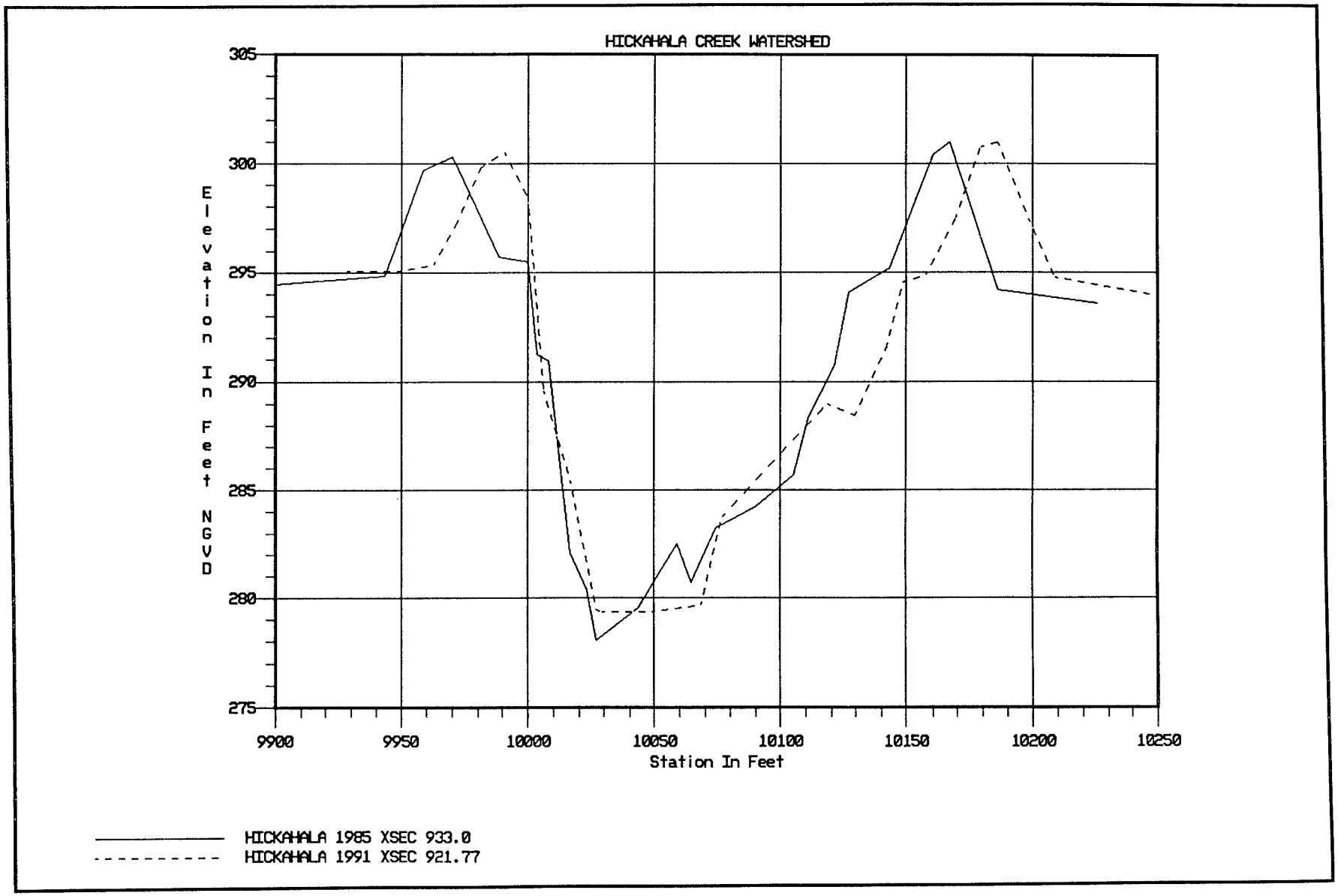

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
295
290
285
280
275
270
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 869.0
HICKAHALA 1991 XSEC 858.69

PLATE A166


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
305
300
295
290
285
280
275
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 900.9
HICKAHALA 1991 XSEC 890.00


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
305
300
295
290
285
280
275
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 933.0
HICKAHALA 1991 XSEC 921.77

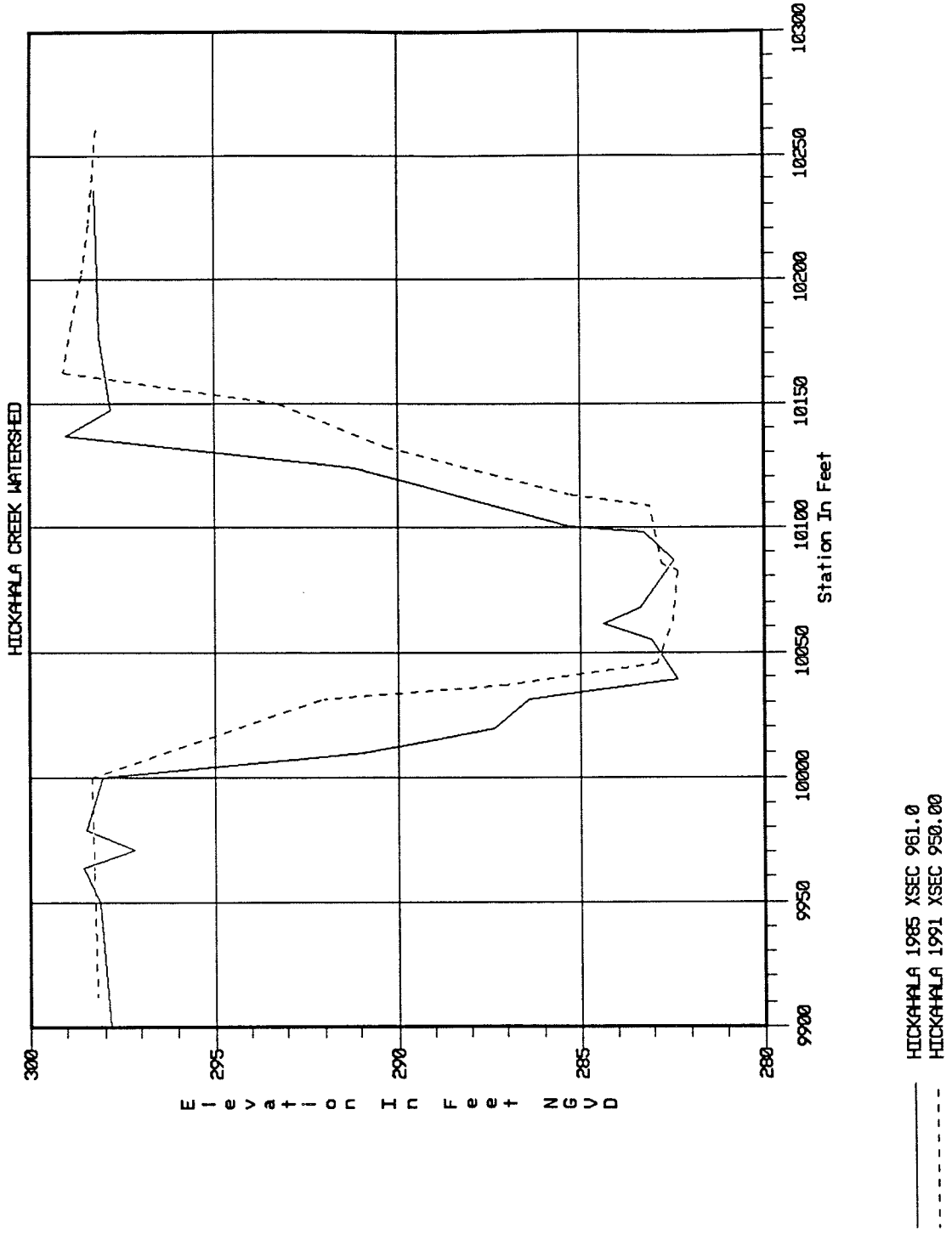

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
300
295
290
285
280
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
HICKAHALA 1985 XSEC 961.0
HICKAHALA 1991 XSEC 950.00

PLATE A169

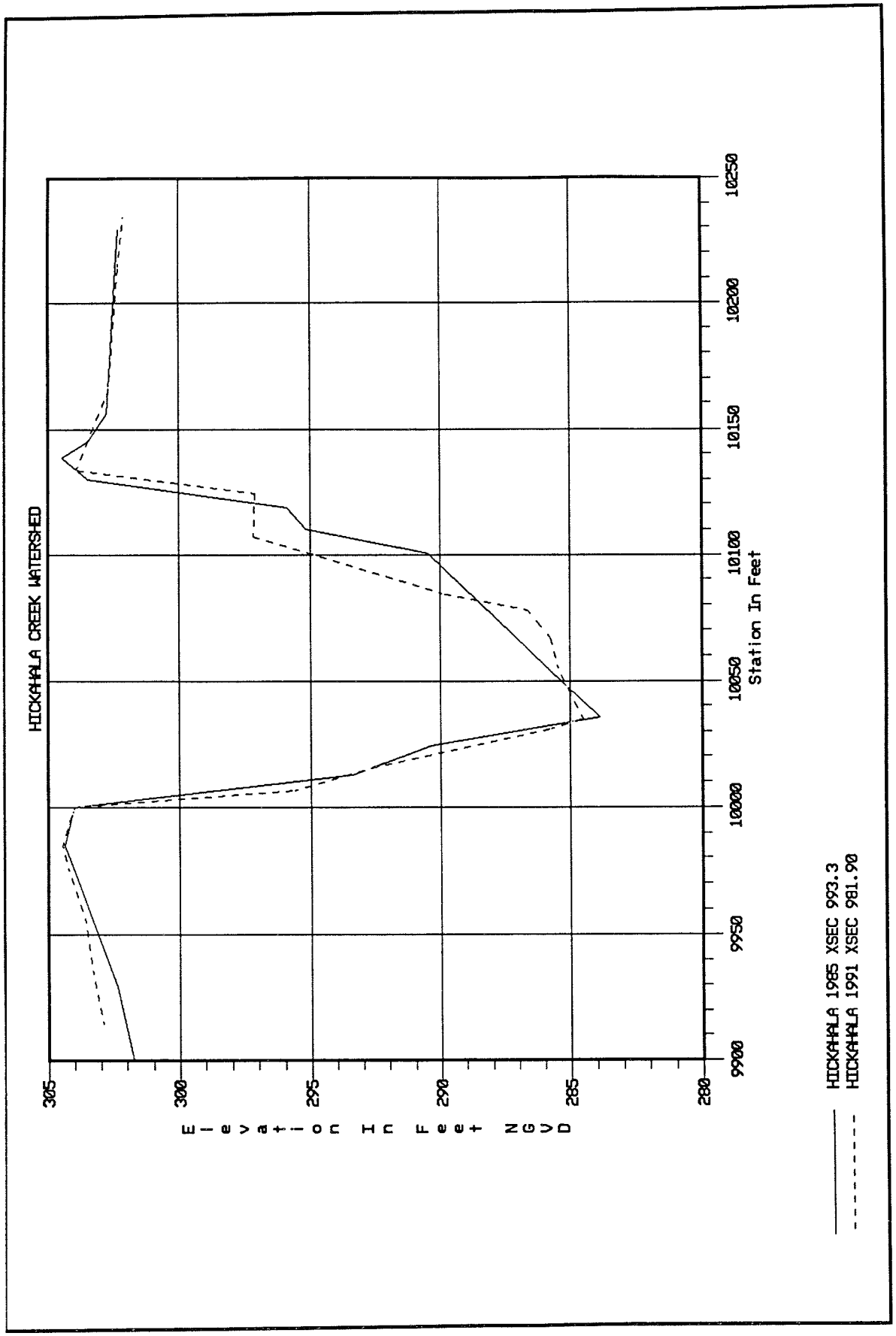
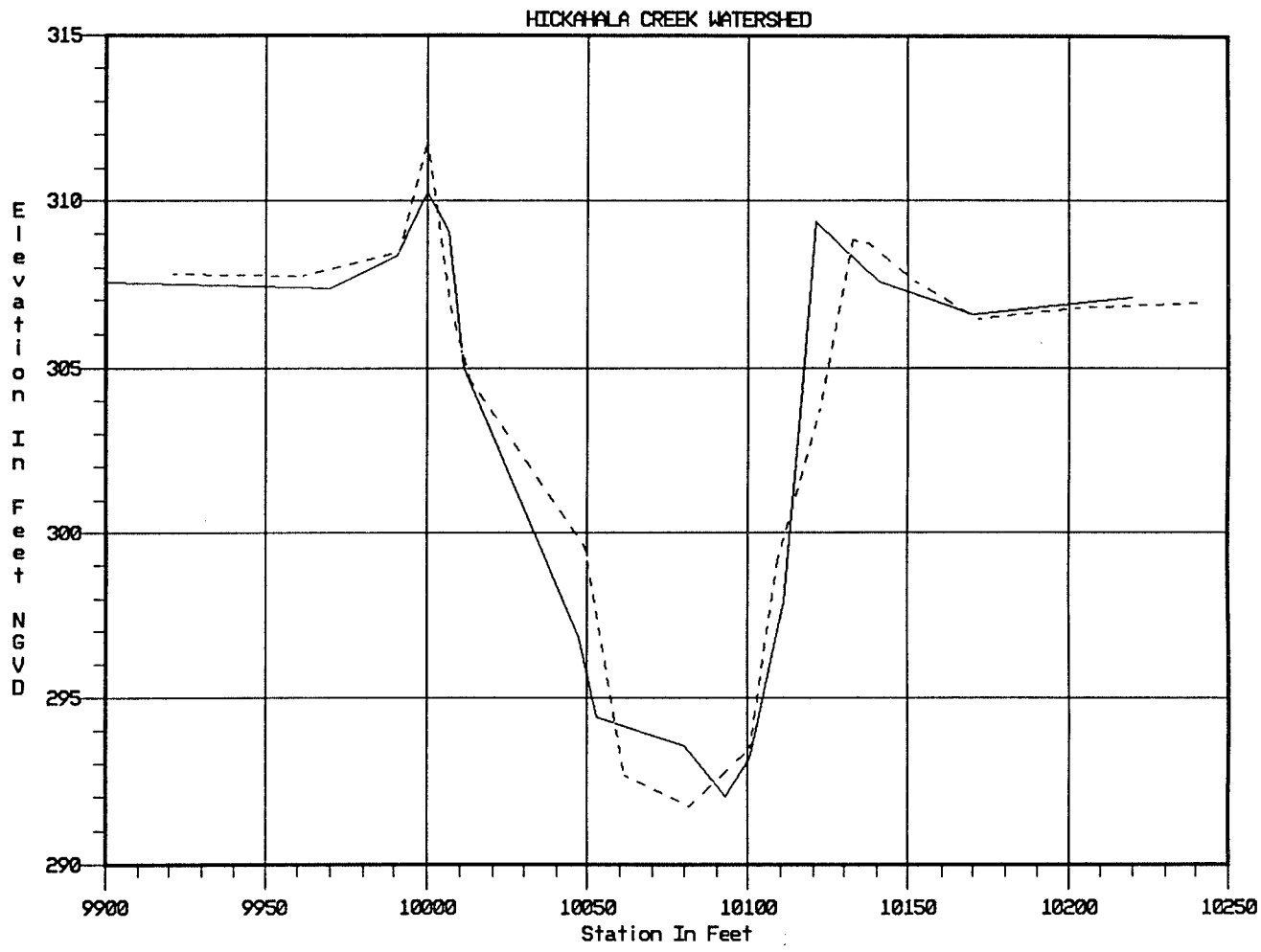
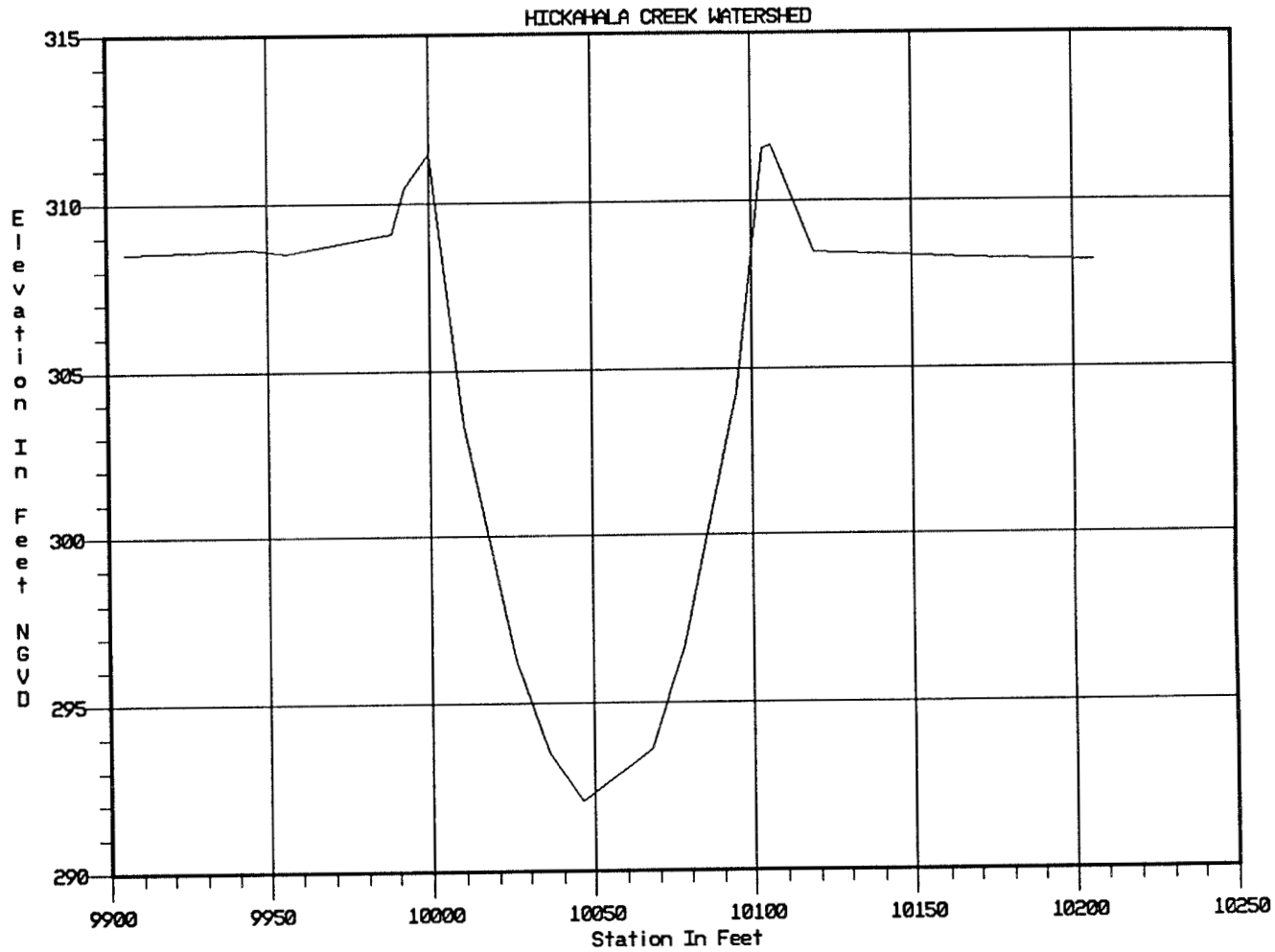

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
305
300
295
290
285
280
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 993.3
HICKAHALA 1991 XSEC 981.90

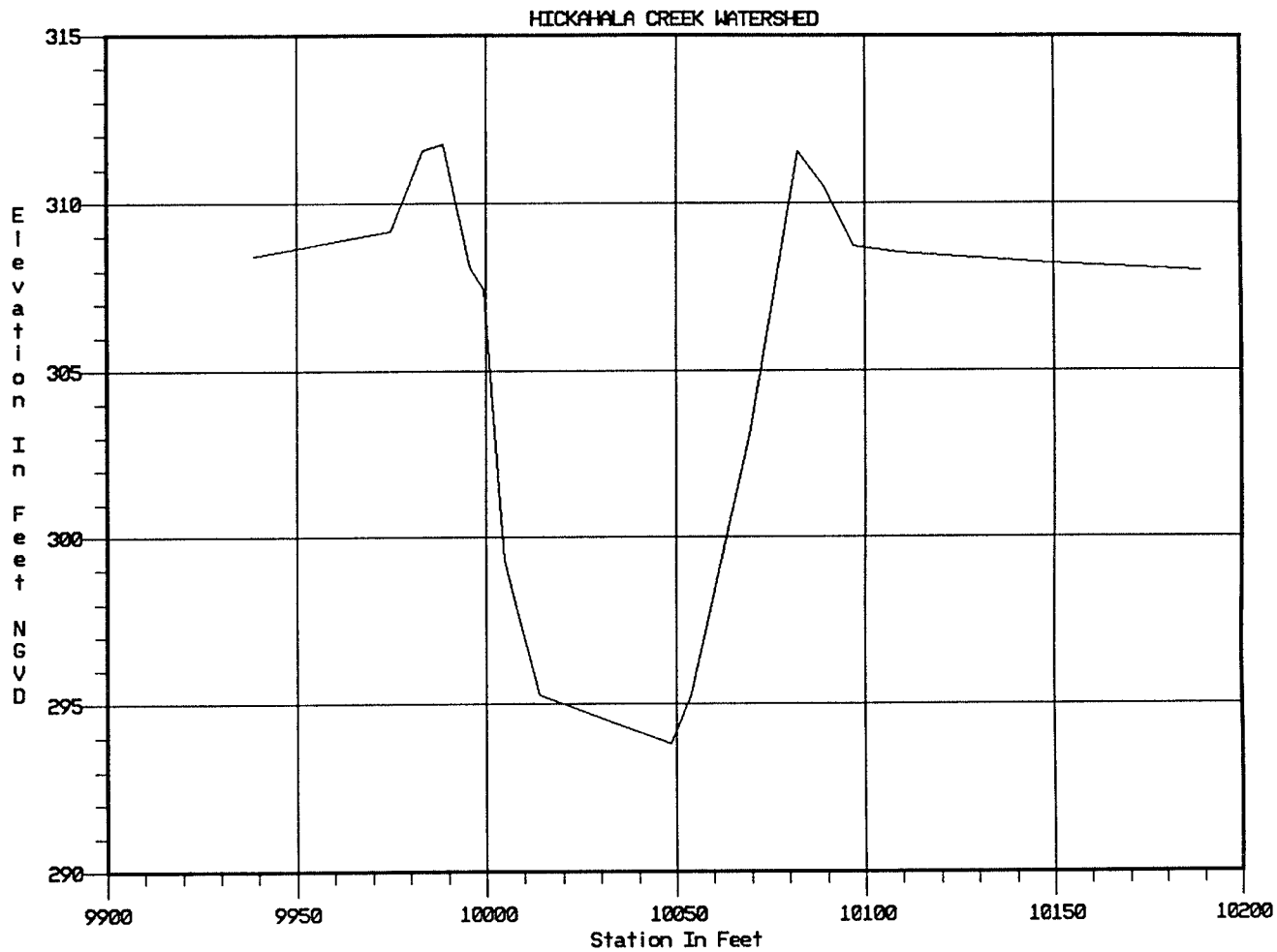
PLATE A170



HICKAHALA 1985 XSEC 1024.0
HICKAHALA 1991 XSEC 1012.7



HICKAHALA 1991 XSEC 1020.0



HICKAHALA 1991 XSEC 1022.0

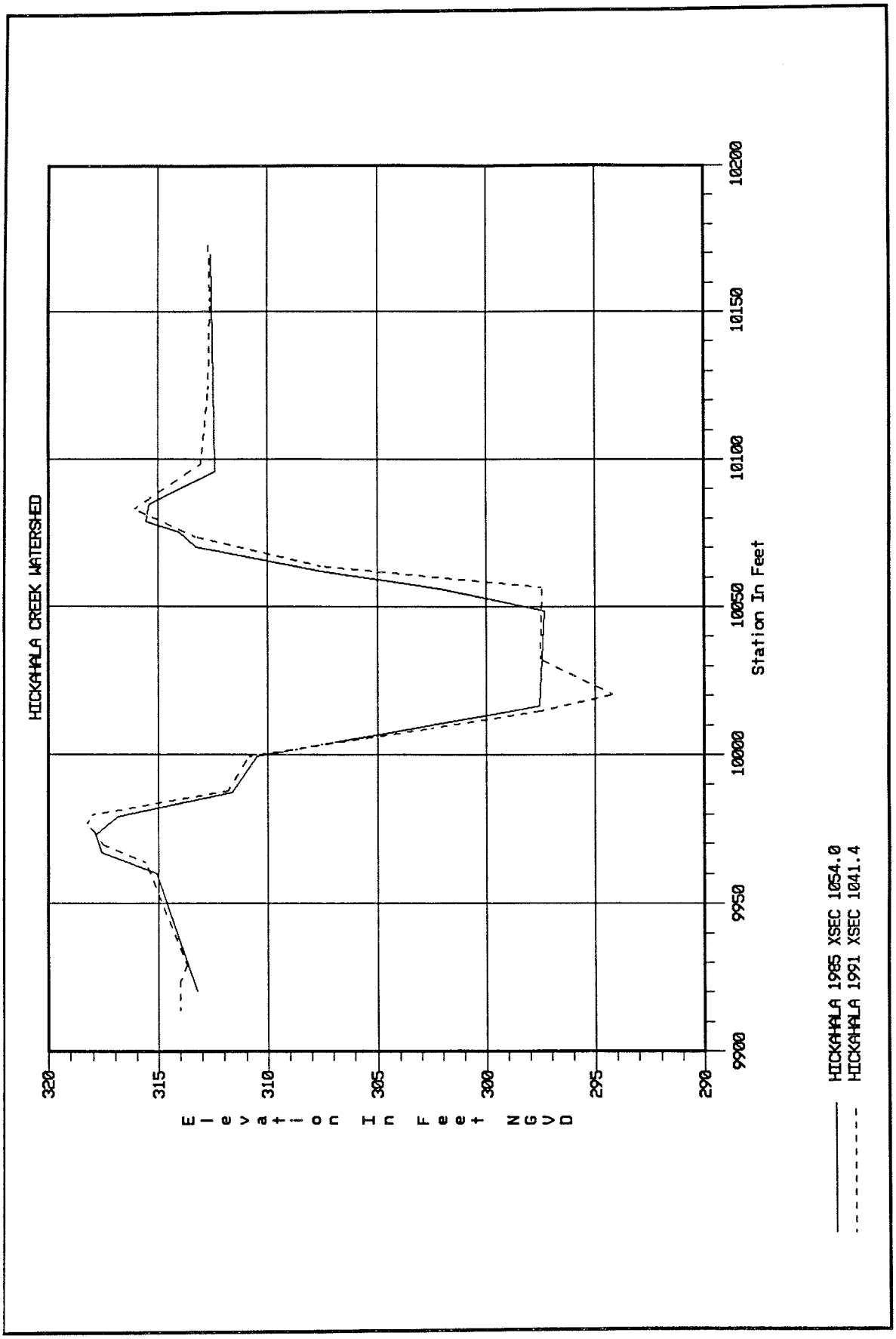
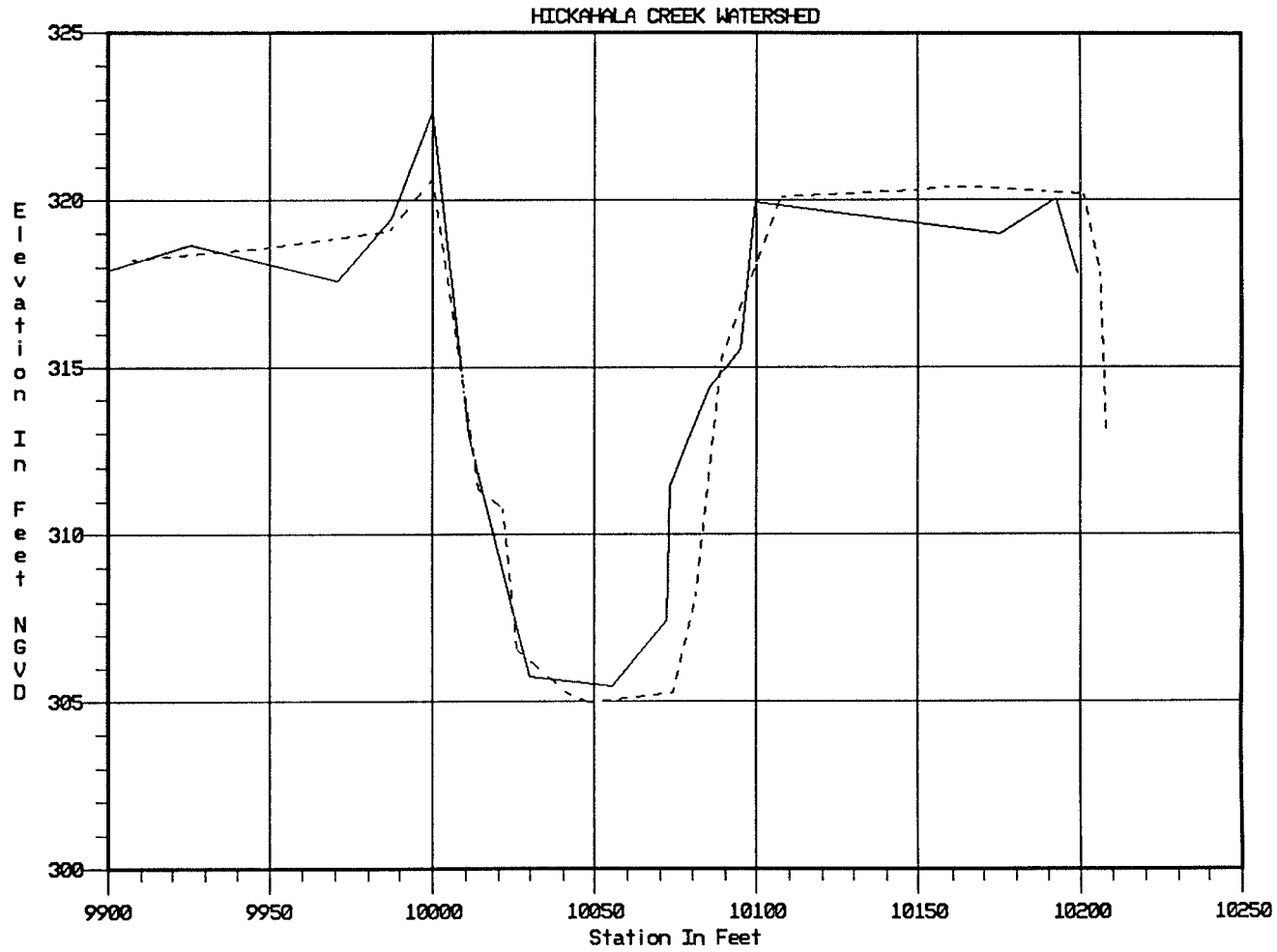

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
320
315
310
305
300
295
290
9900
9950
10000
10050
10100
10150
10200
Station In Feet
HICKAHALA 1985 XSEC 1054.0
HICKAHALA 1991 XSEC 1041.4

PLATE A174



HICKAHALA 1985 XSEC 1090.0
HICKAHALA 1991 XSEC 1077.1

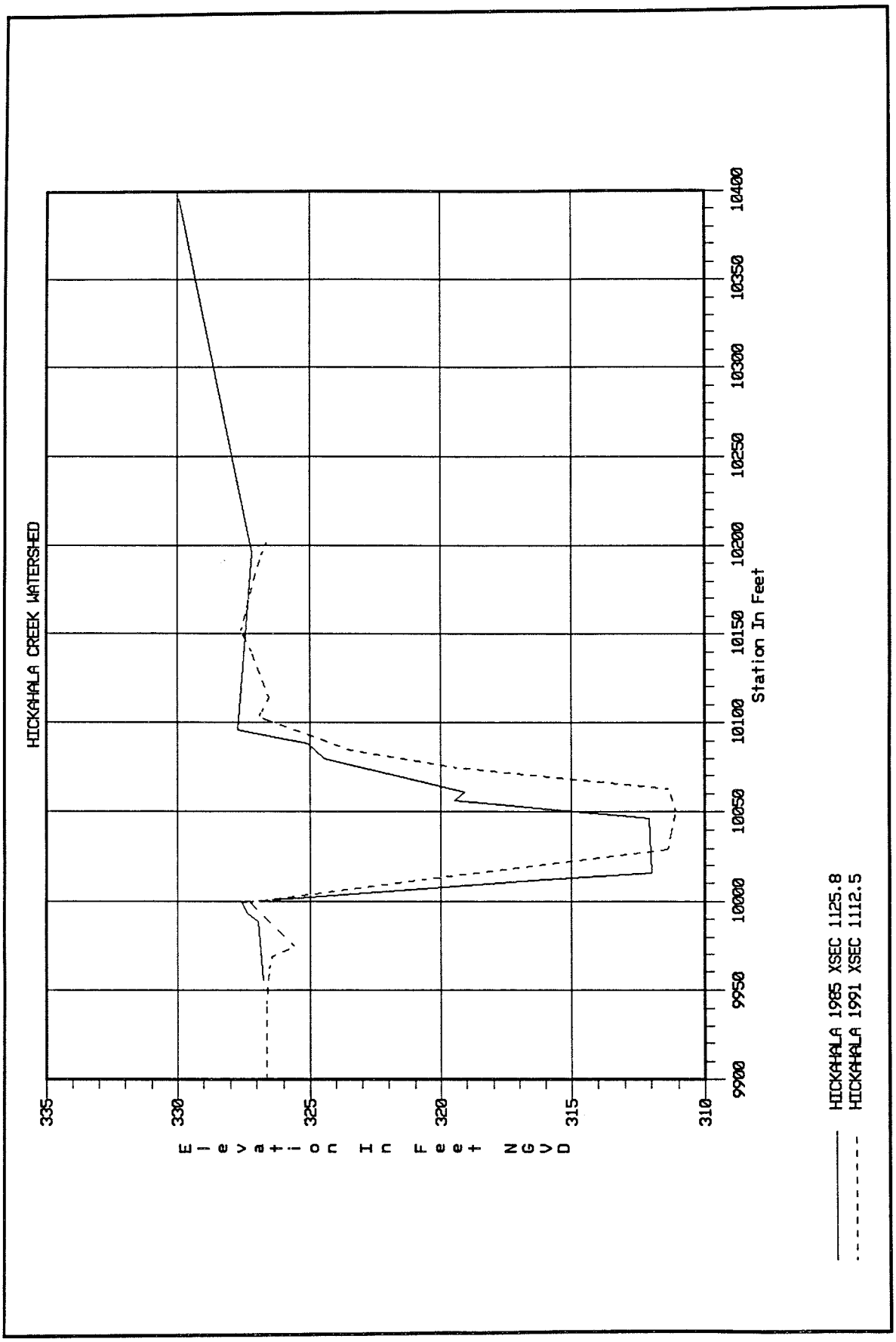
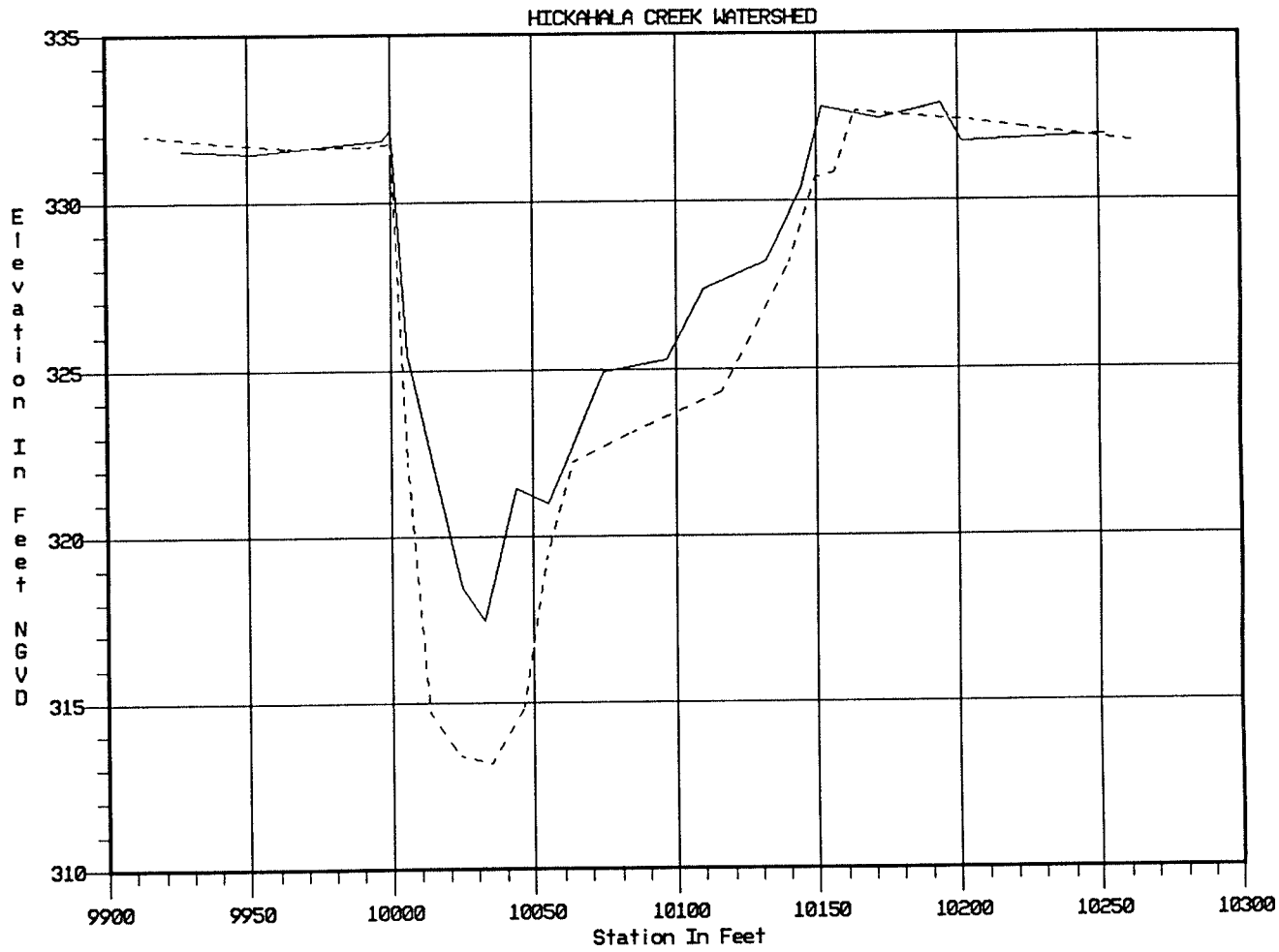

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
335
330
325
320
315
310
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
10400
Station In Feet
HICKAHALA 1985 XSEC 1125.8
HICKAHALA 1991 XSEC 1112.5

PLATE A176



HICKAHALA 1985 XSEC 1151.0
HICKAHALA 1991 XSEC 1138.5

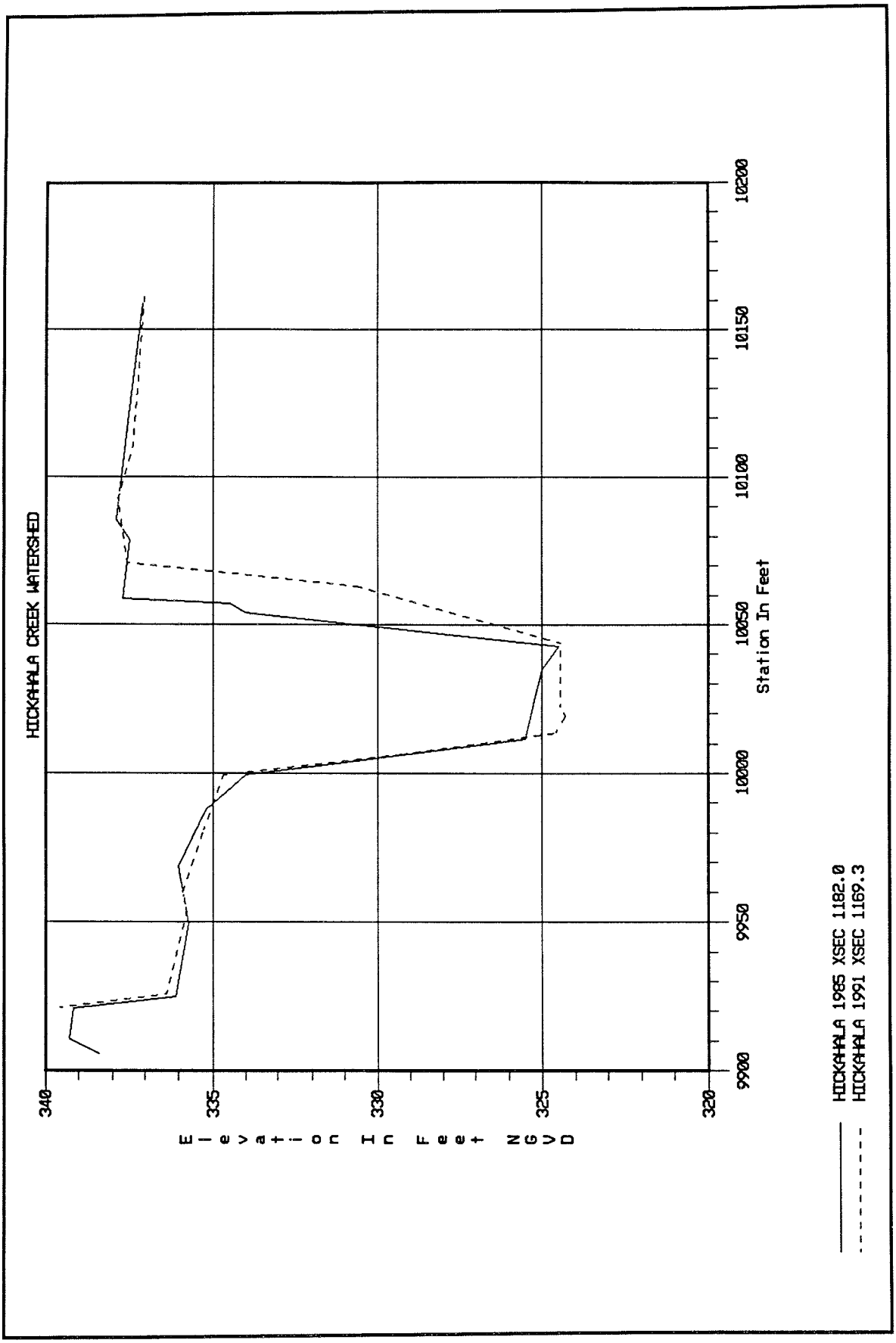
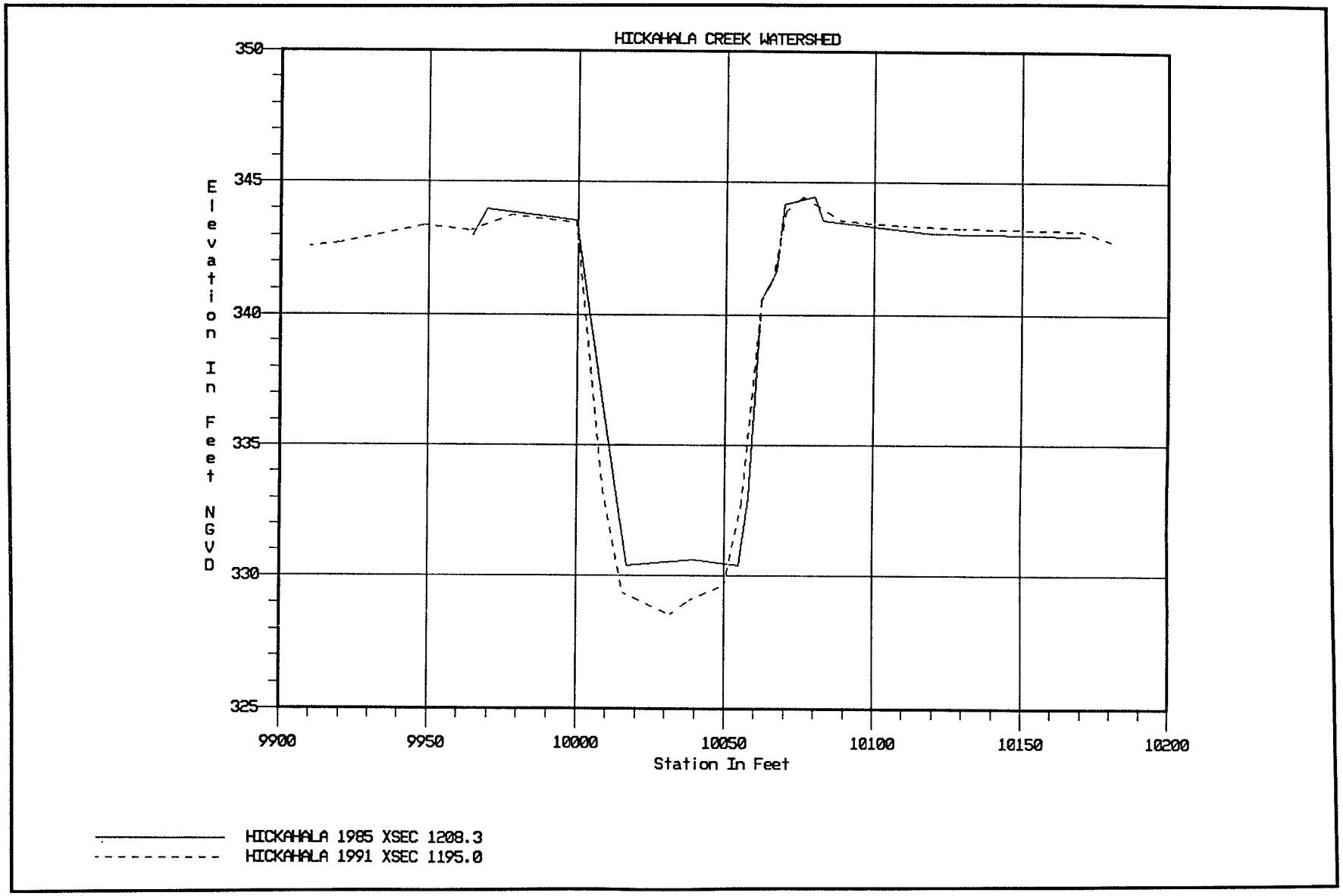

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
340
335
330
325
320
9900
9950
10000
10050
10100
10150
10200
Station In Feet
HICKAHALA 1985 XSEC 1182.0
HICKAHALA 1991 XSEC 1169.3

PLATE A178


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
350
345
340
335
330
325
9900
9950
10000
10050
10100
10150
10200
Station In Feet
HICKAHALA 1985 XSEC 1208.3
HICKAHALA 1991 XSEC 1195.0

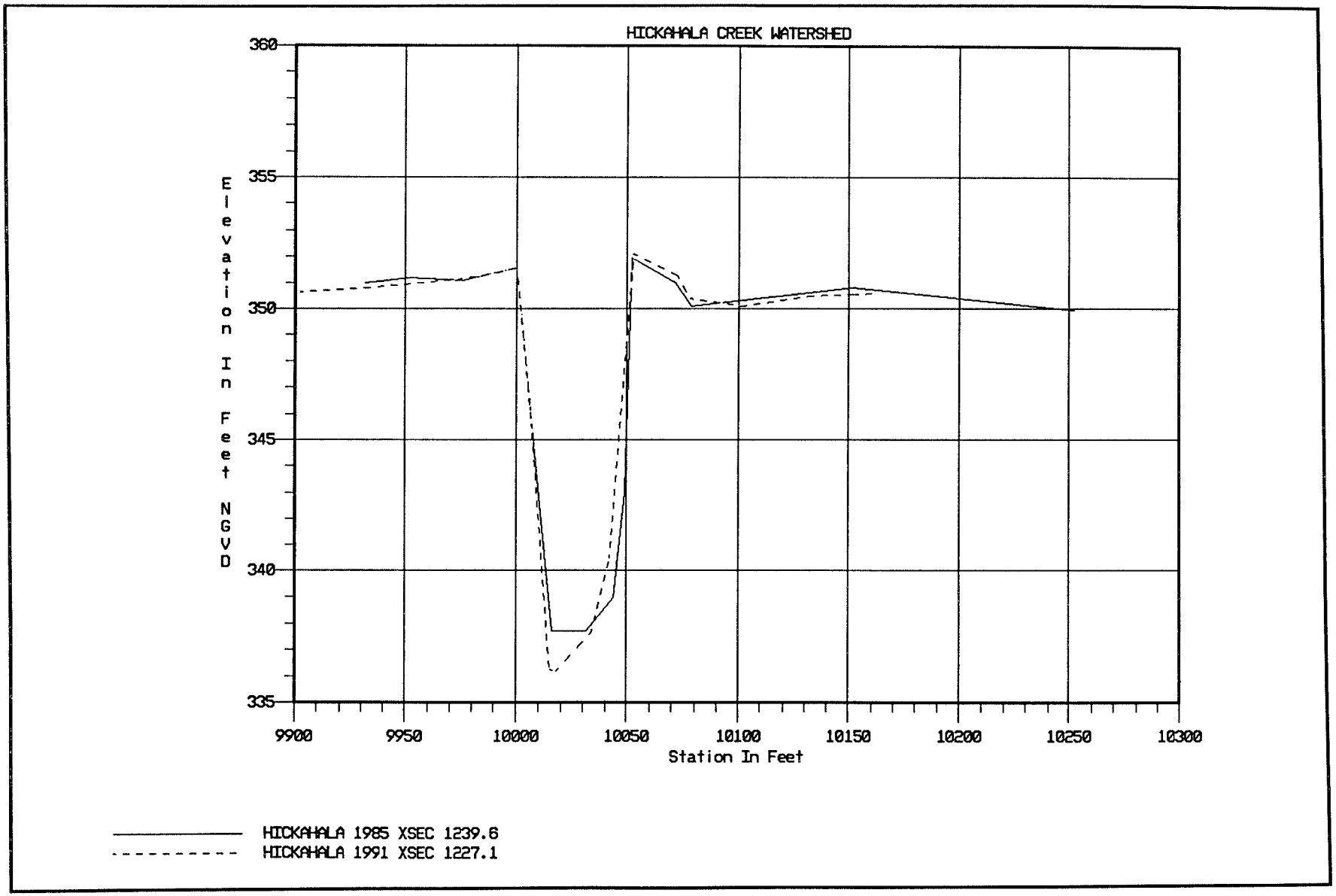
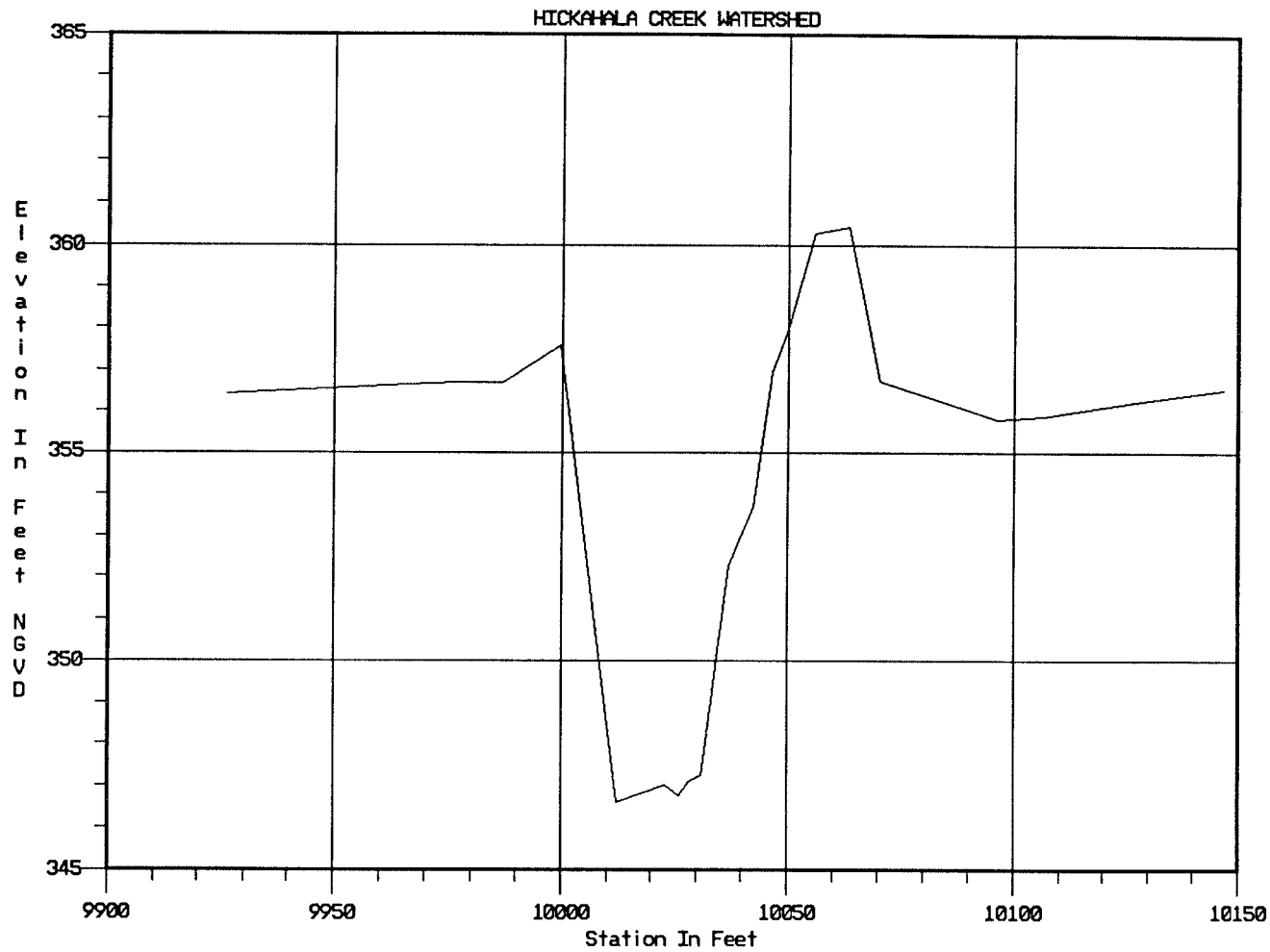

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
360
355
350
345
340
335
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
HICKAHALA 1985 XSEC 1239.6
HICKAHALA 1991 XSEC 1227.1

PLATE A180



HICKAHALA 1991 XSEC 1248.0

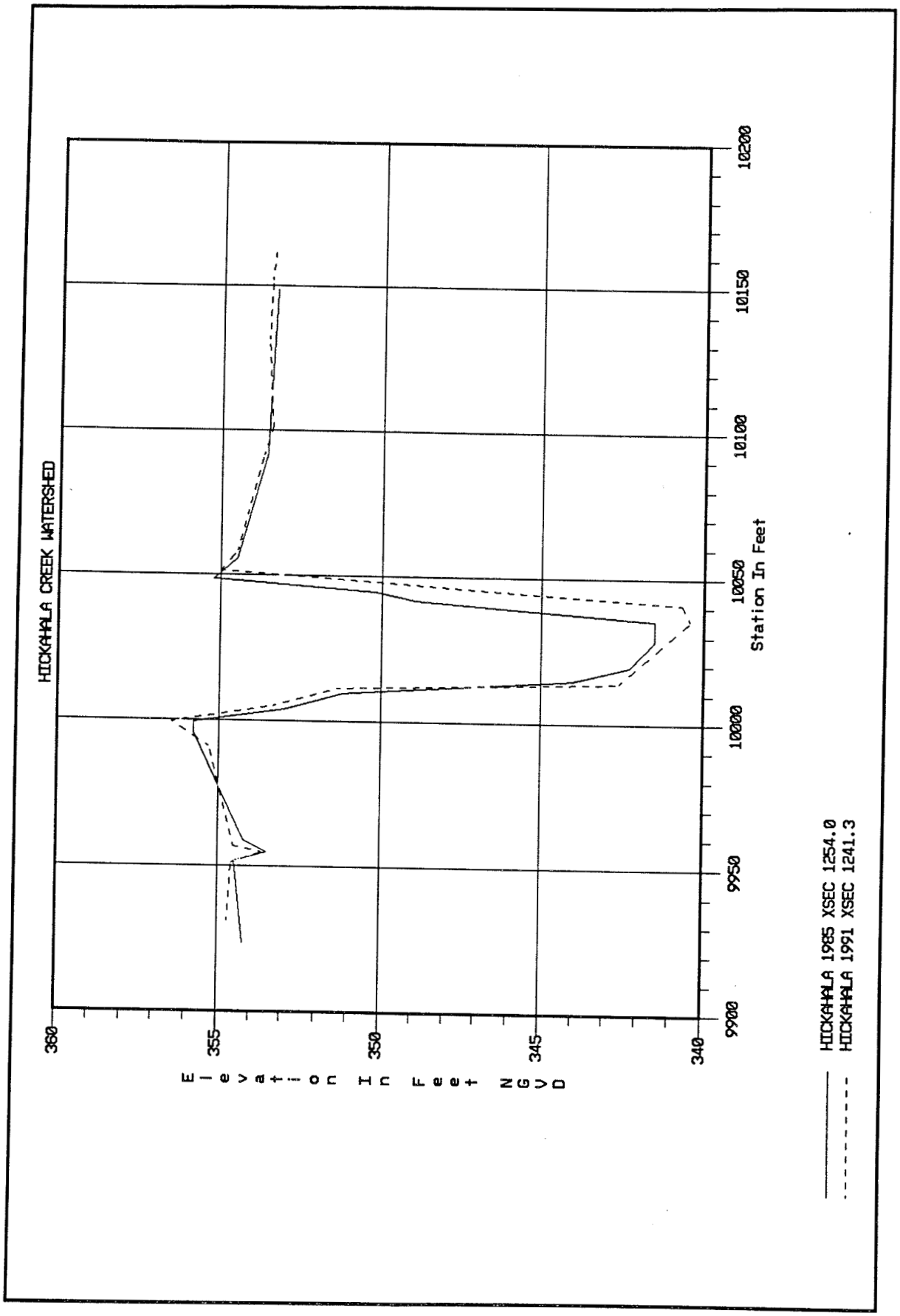
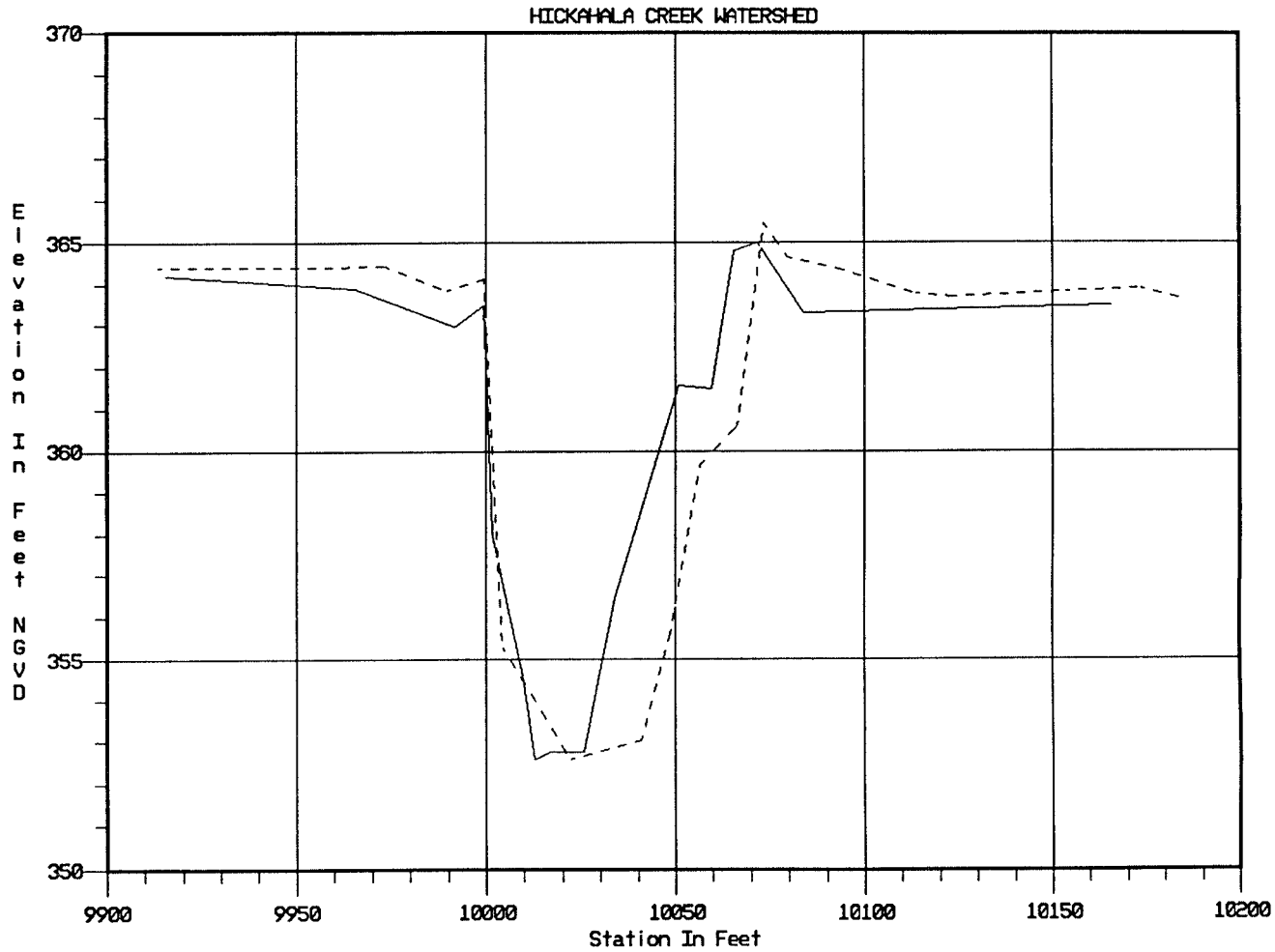

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
360
355
350
345
340
9900
9950
10000
10050
10100
10150
10200
Station In Feet
HICKAHALA 1985 XSEC 1254.0
HICKAHALA 1991 XSEC 1241.3

PLATE A182



HICKAHALA 1985 XSEC 1283.5
HICKAHALA 1991 XSEC 1270.4

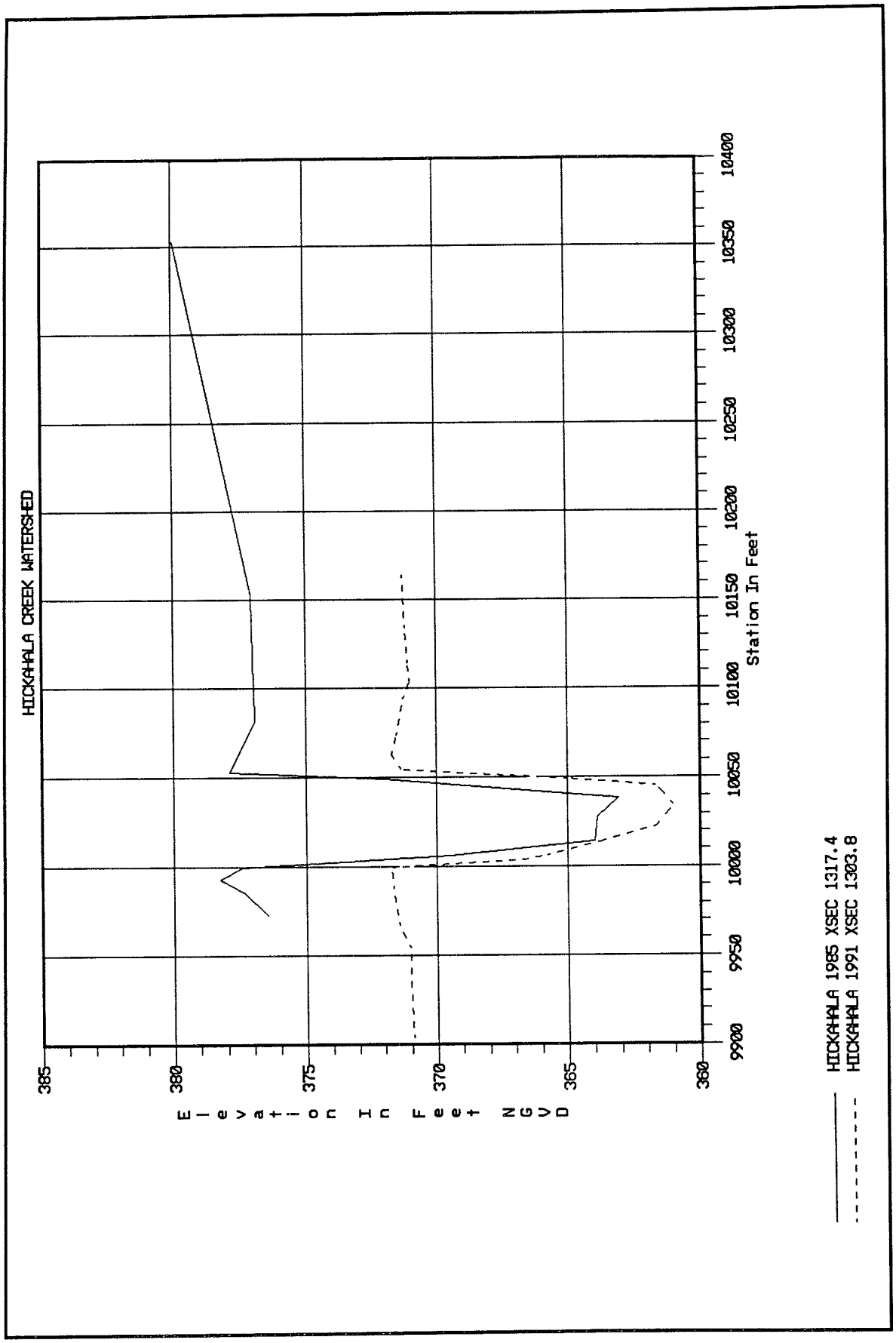

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
385
380
375
370
365
360
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
10400
Station In Feet
HICKAHALA 1985 XSEC 1317.4
HICKAHALA 1991 XSEC 1303.8

PLATE A184

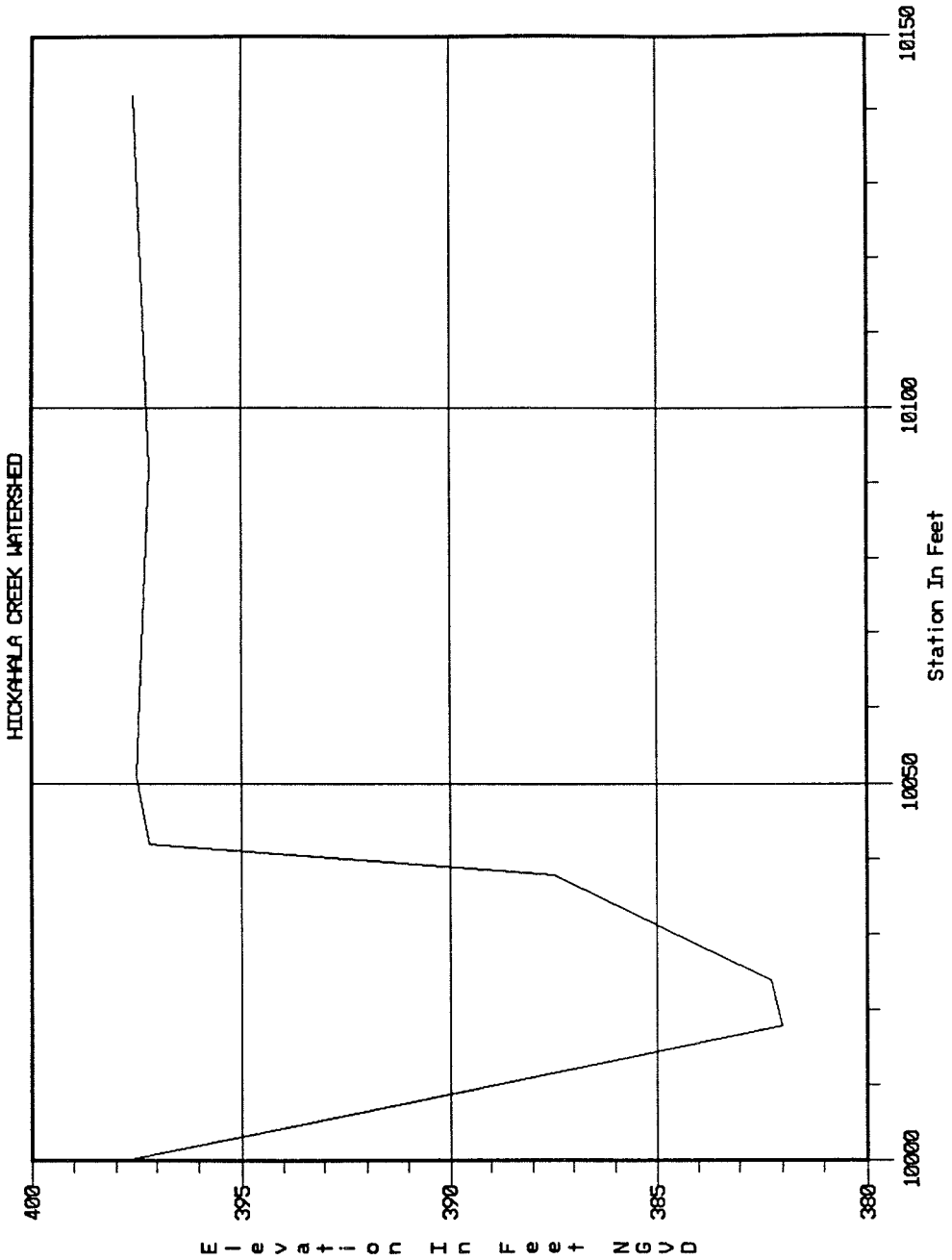
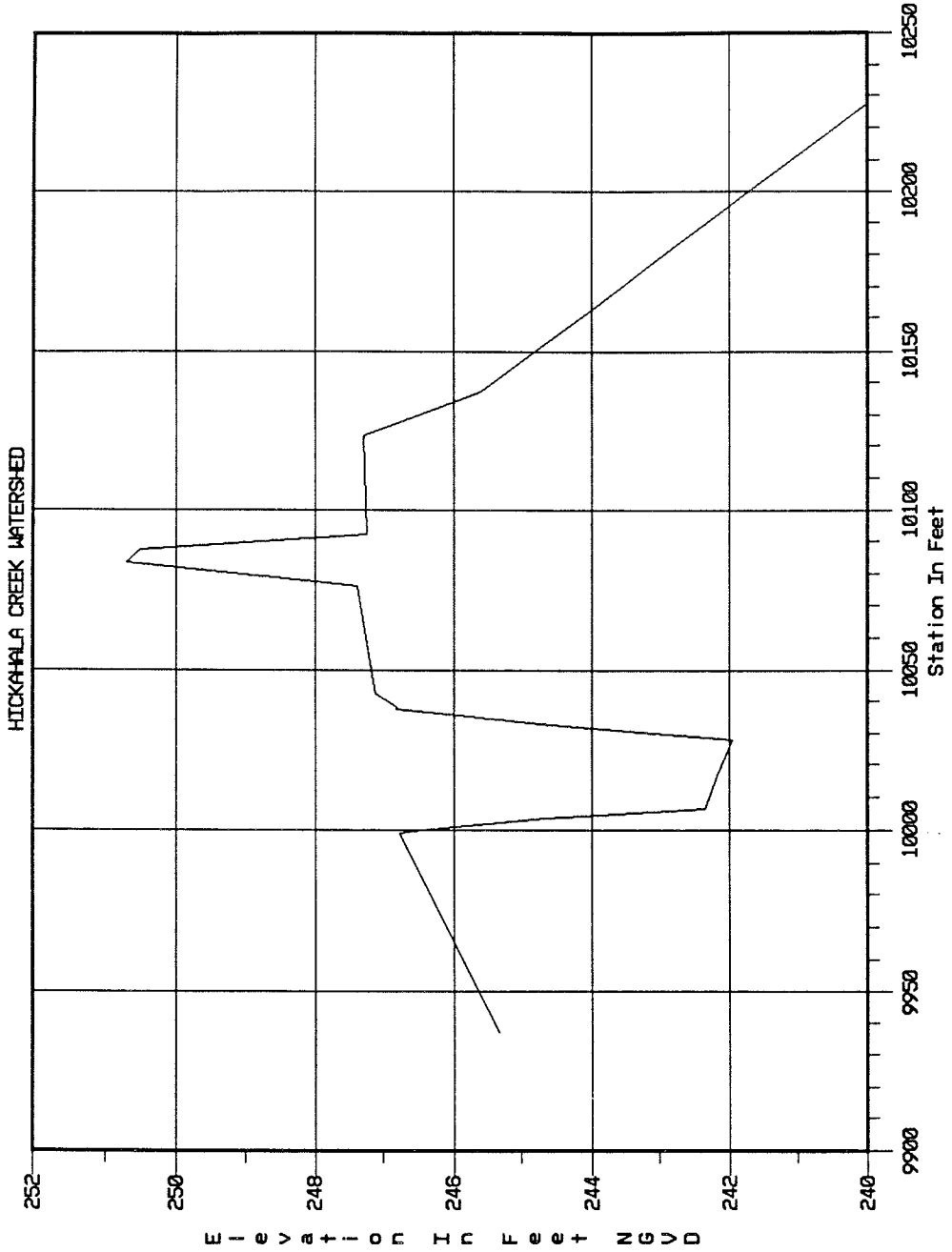
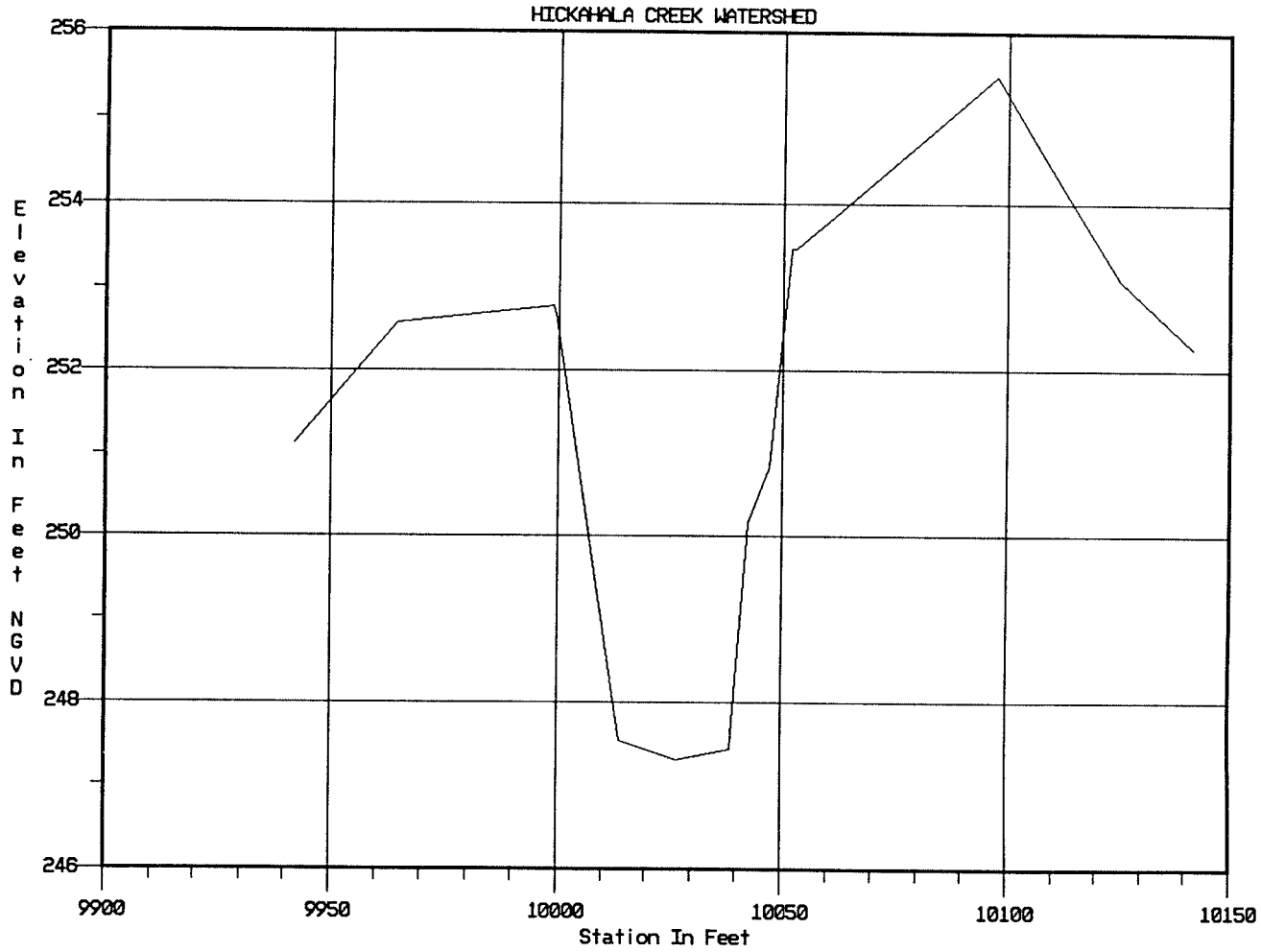

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
400
395
390
385
380
10000
10050
10100
10150
Station In Feet
HICKAHALA 1985 XSEC 1369.4

PLATE A185



BILLYS 1985 XSEC 15.0

PLATE A186



BILLYS 1985 XSEC 34.45

PLATE A187

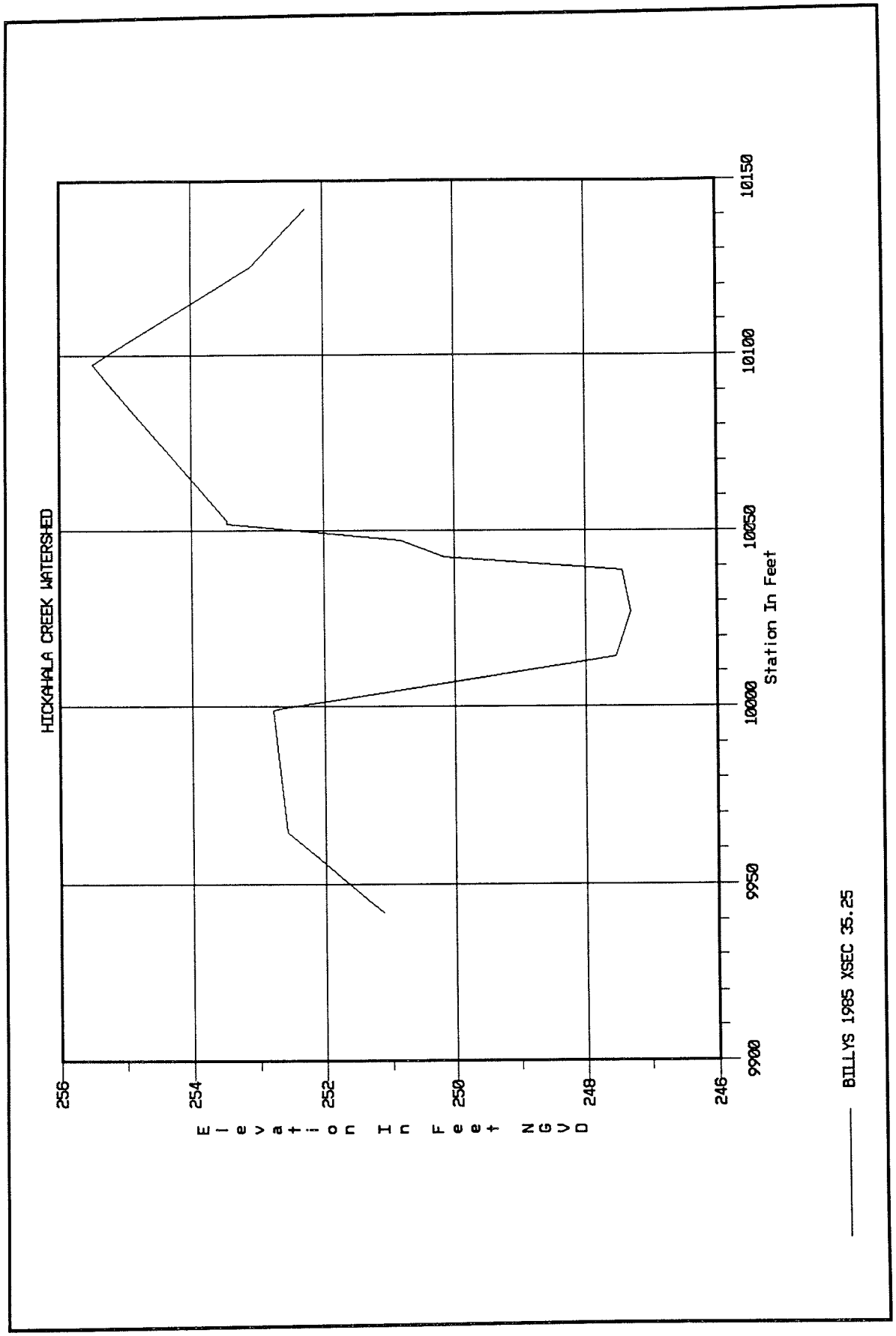
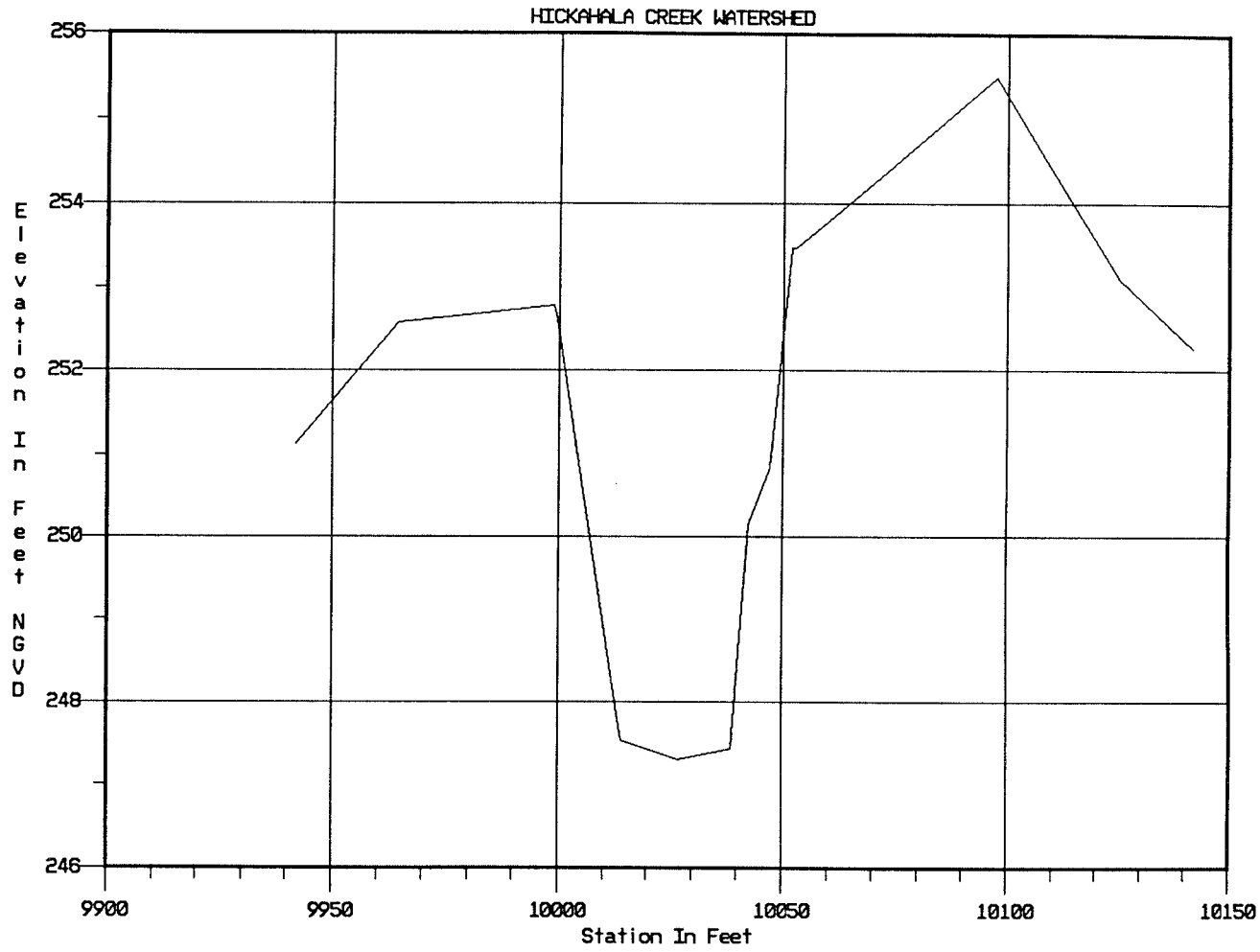

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
256
254
252
250
248
246
9900
9950
10000
10050
10100
10150
Station In Feet
BILLYS 1985 XSEC 35.25

PLATE A188



BILLYS 1985 XSEC 35.55

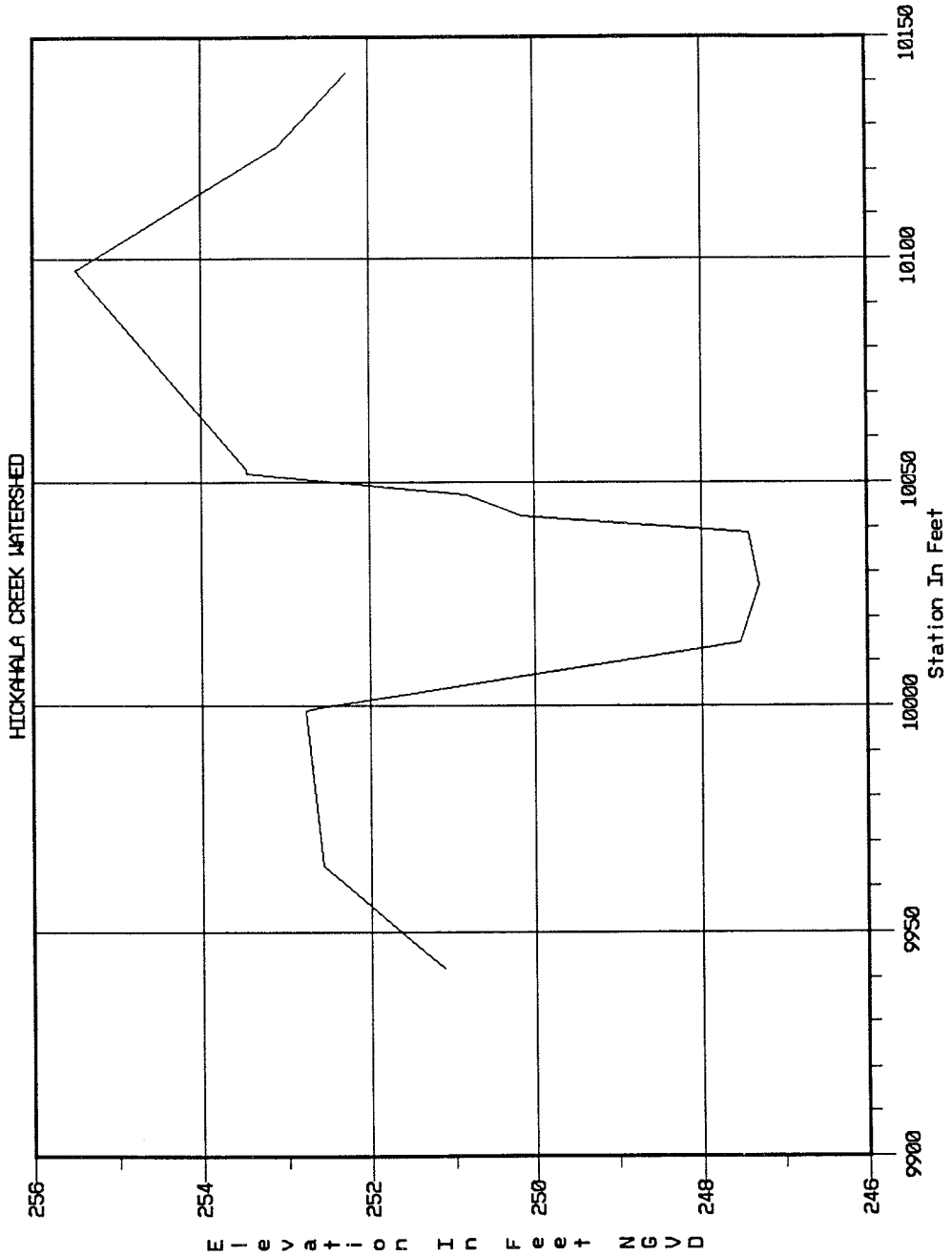
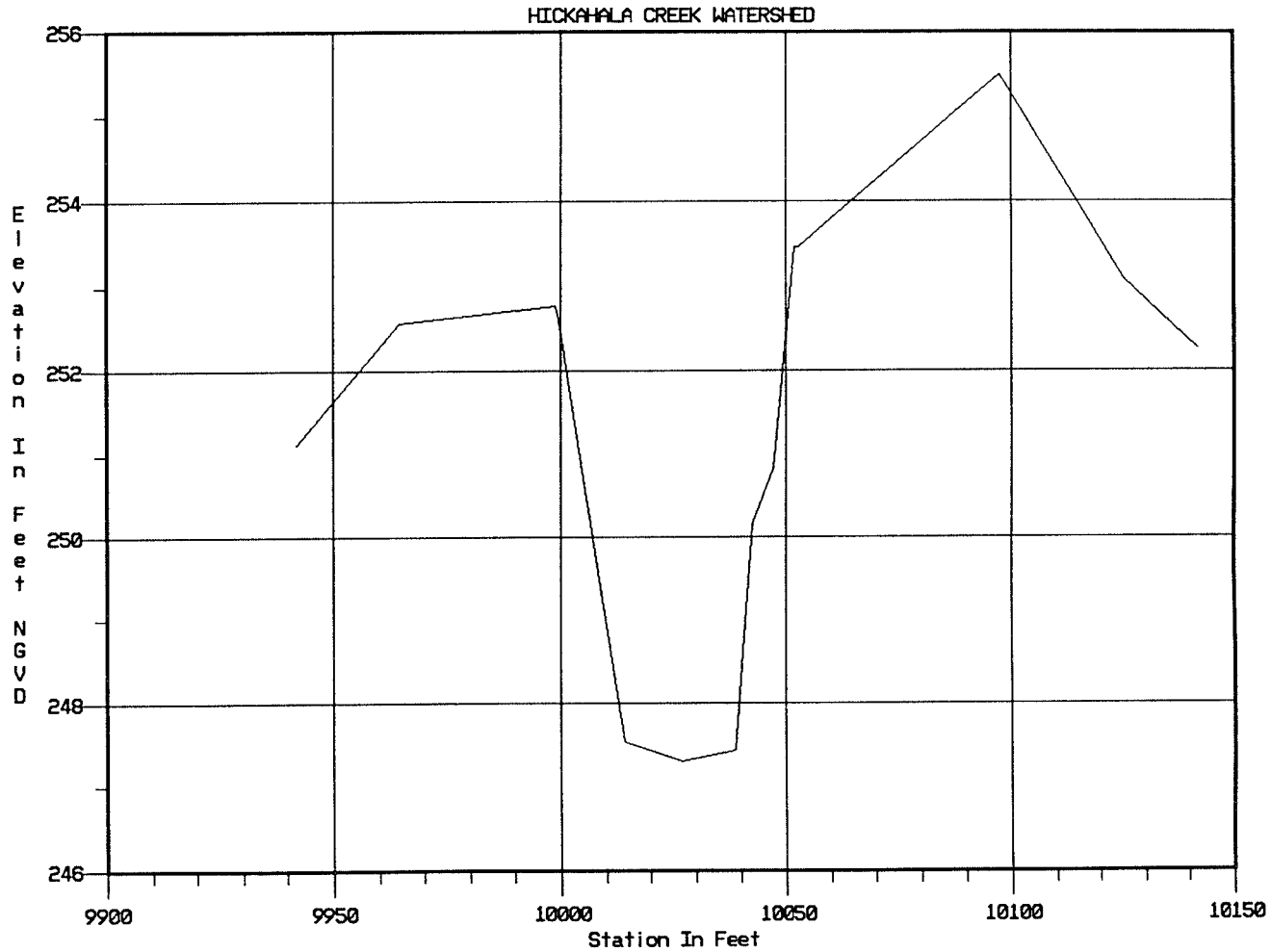
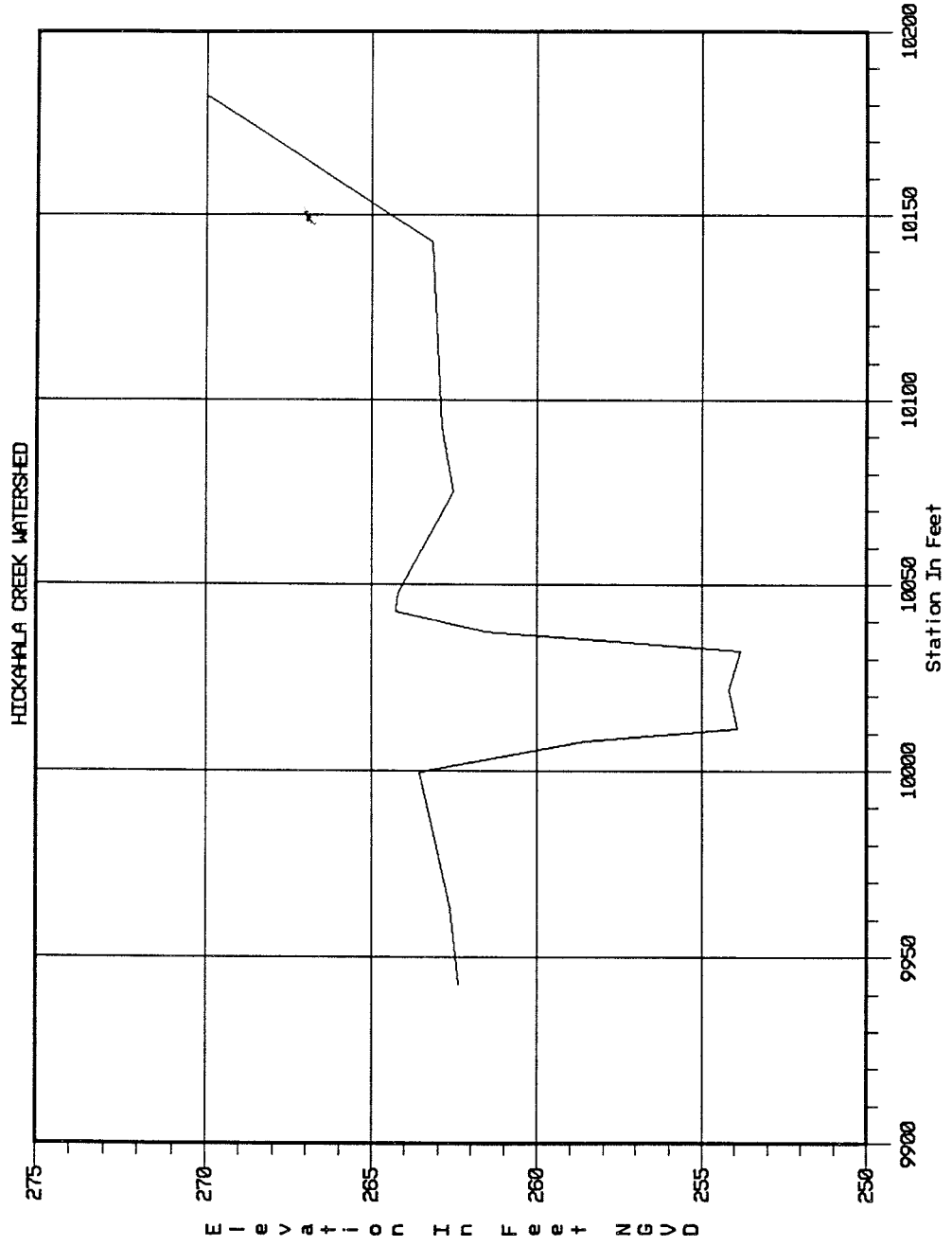

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
256
254
252
250
248
246
9900
9950
10000
10050
10100
10150
Station In Feet
BILLYS 1985 XSEC 36.25

PLATE A190



BILLYS 1985 XSEC 44.0

PLATE A191



BILLYS 1985 XSEC 54.0

PLATE A192

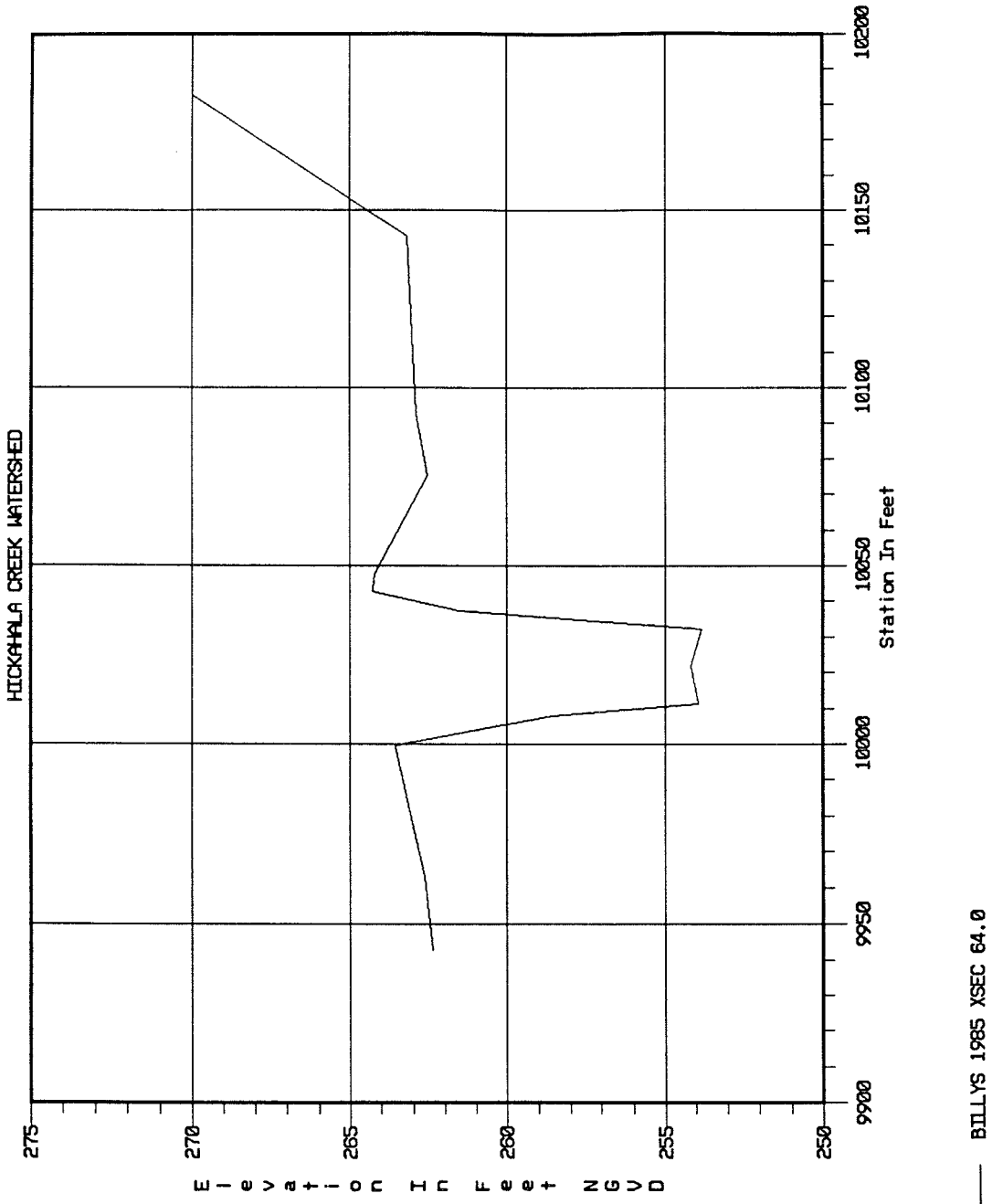

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
275
270
265
260
255
250
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BILLYS 1985 XSEC 64.0

PLATE A193

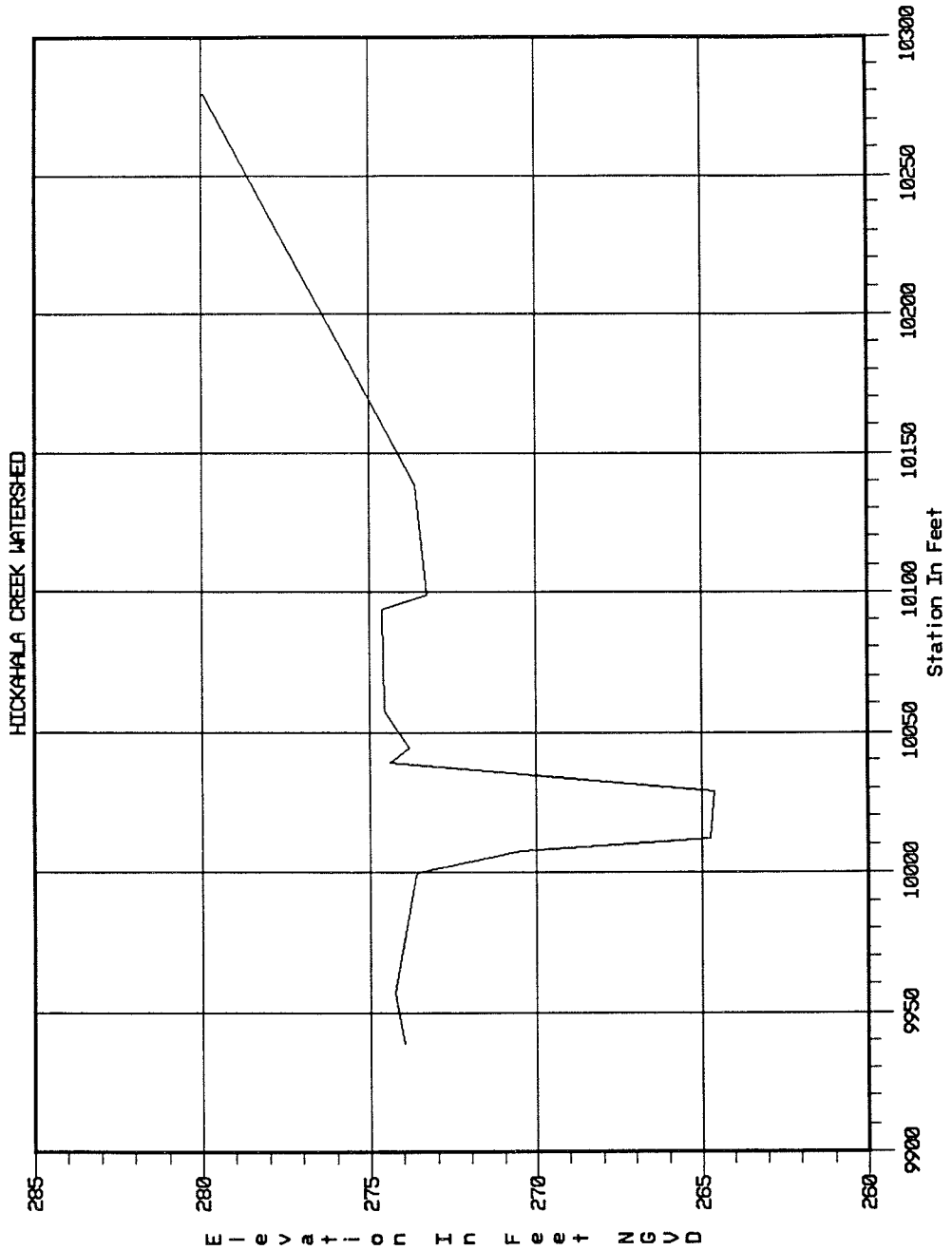
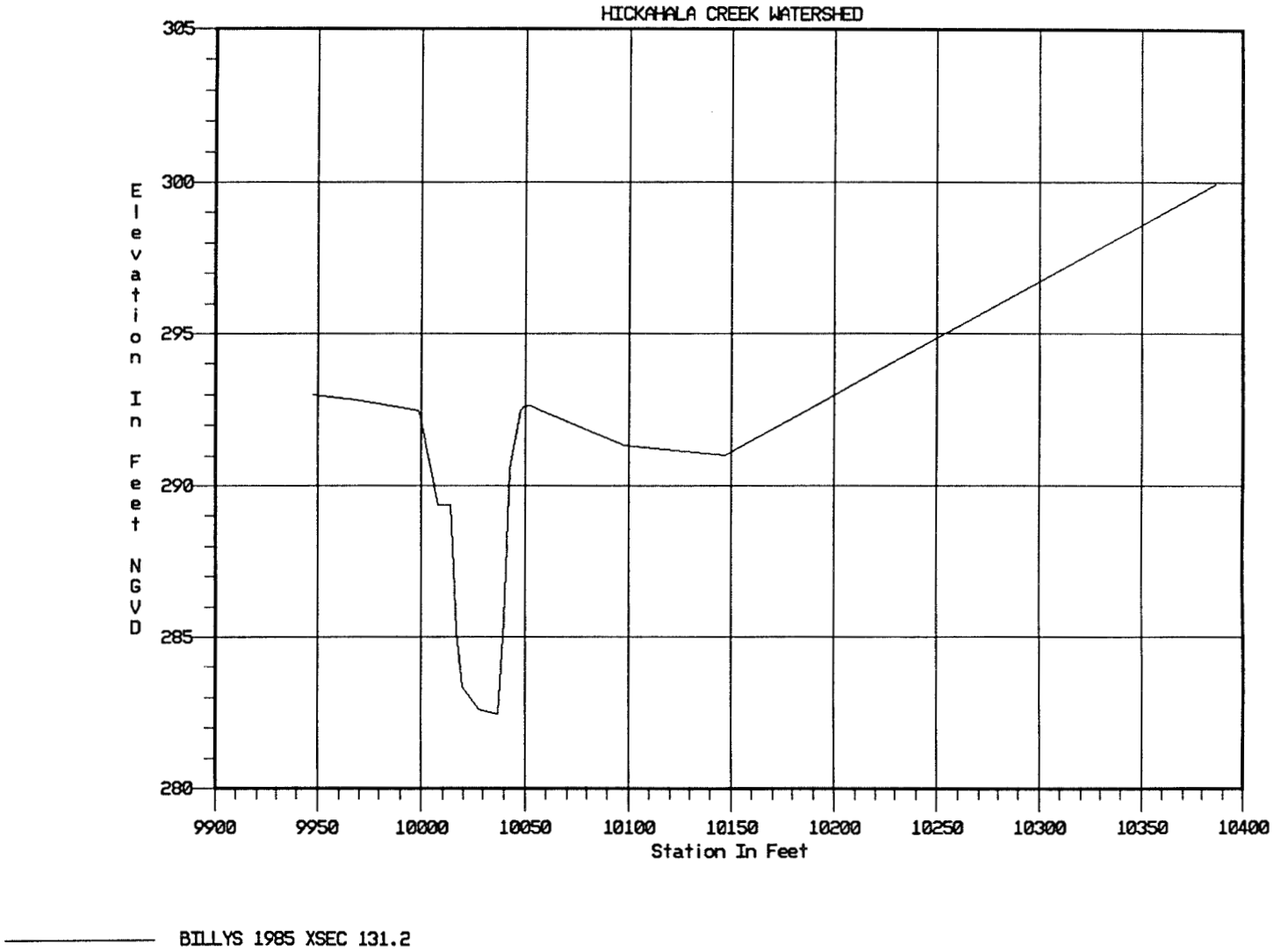

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
285
280
275
270
265
260
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
BILLYS 1985 XSEC 94.0

PLATE A194


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
305
300
295
290
285
280
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
10400
Station In Feet
BILLYS 1985 XSEC 131.2

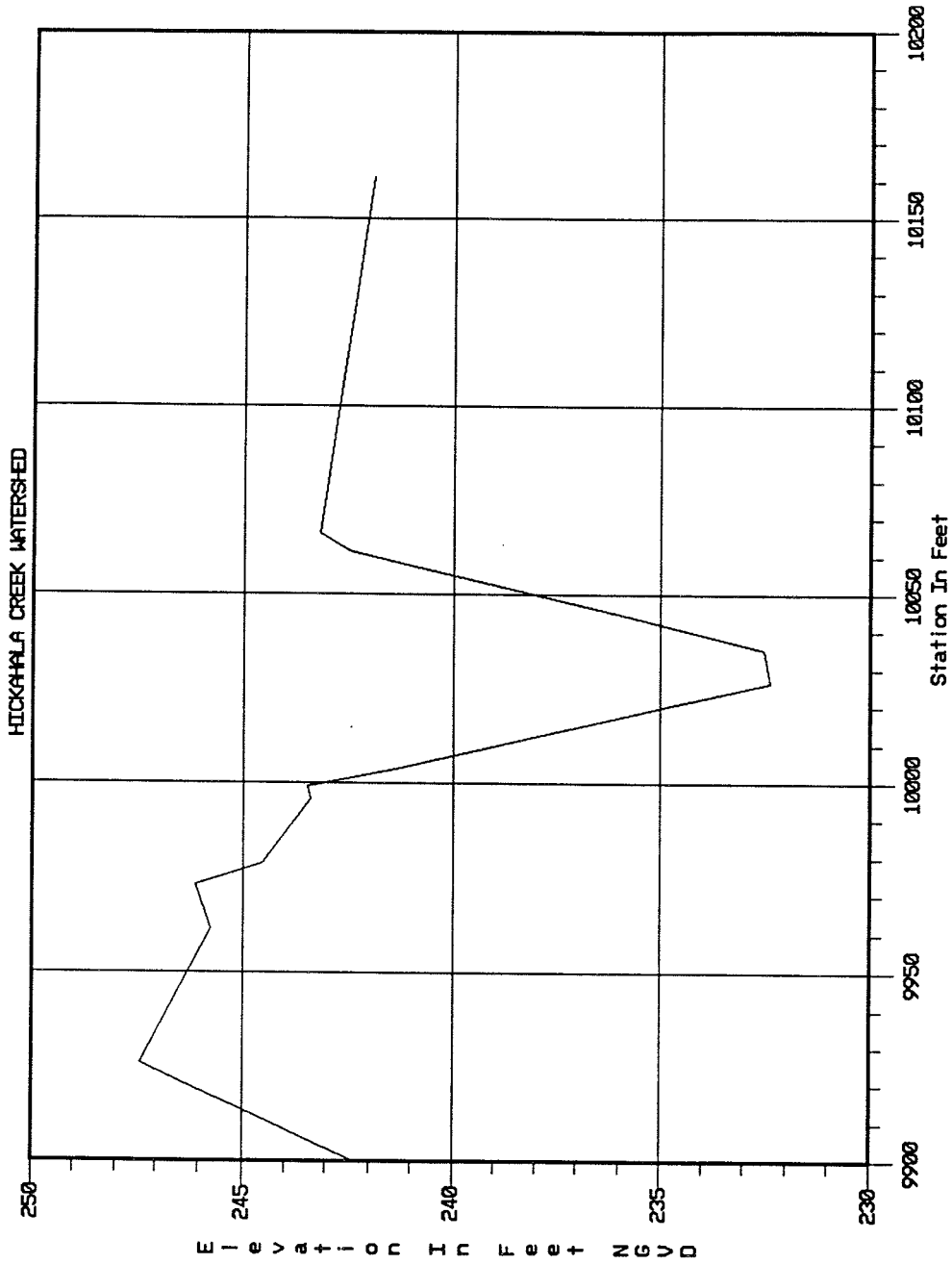
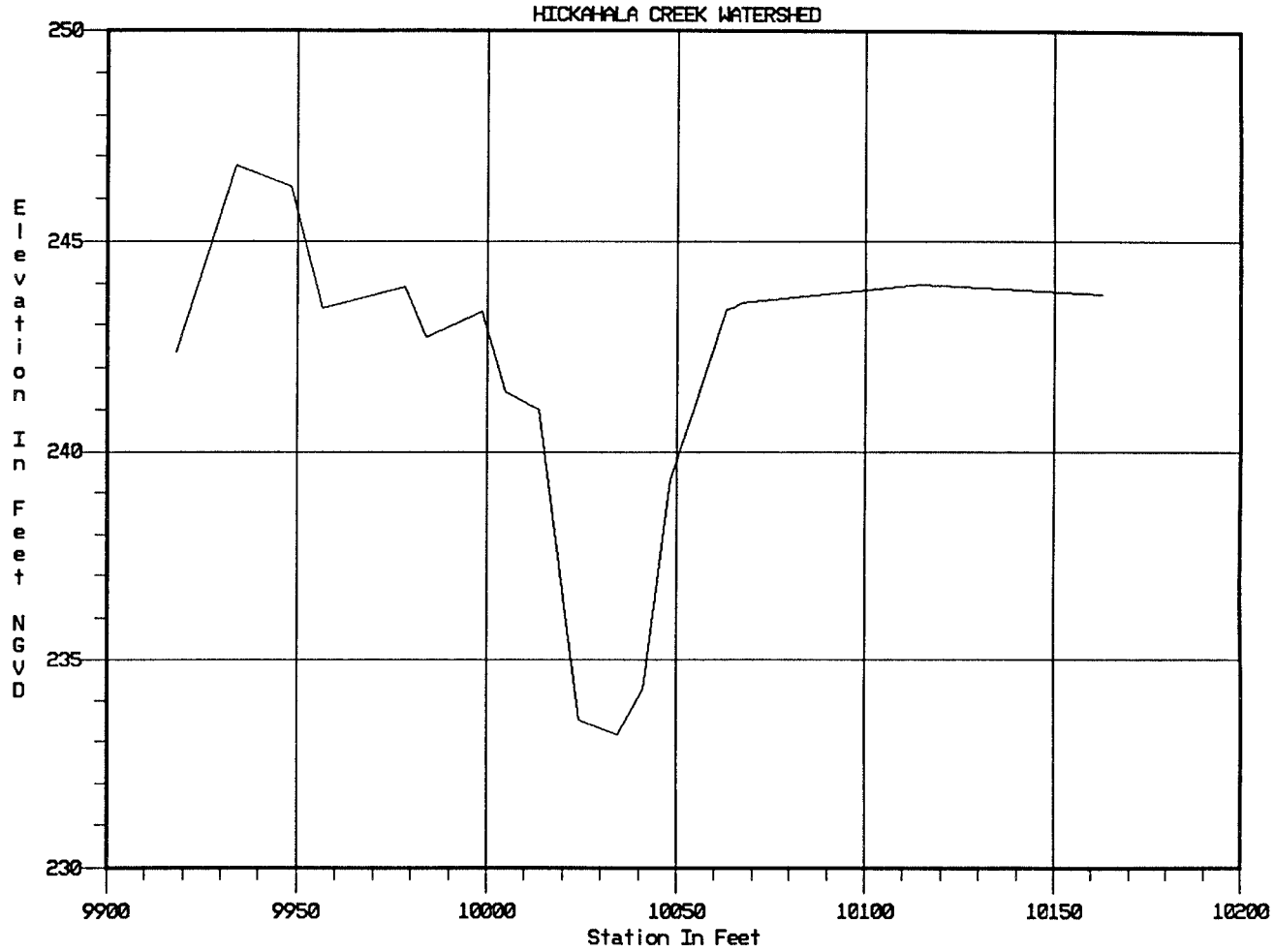

HICKAHALA CREEK WATERSHED
250
245
240
235
230
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
WEST DITCH 1985 XSEC 7.80

PLATE A196



WEST DITCH 1985 XSEC 34.00

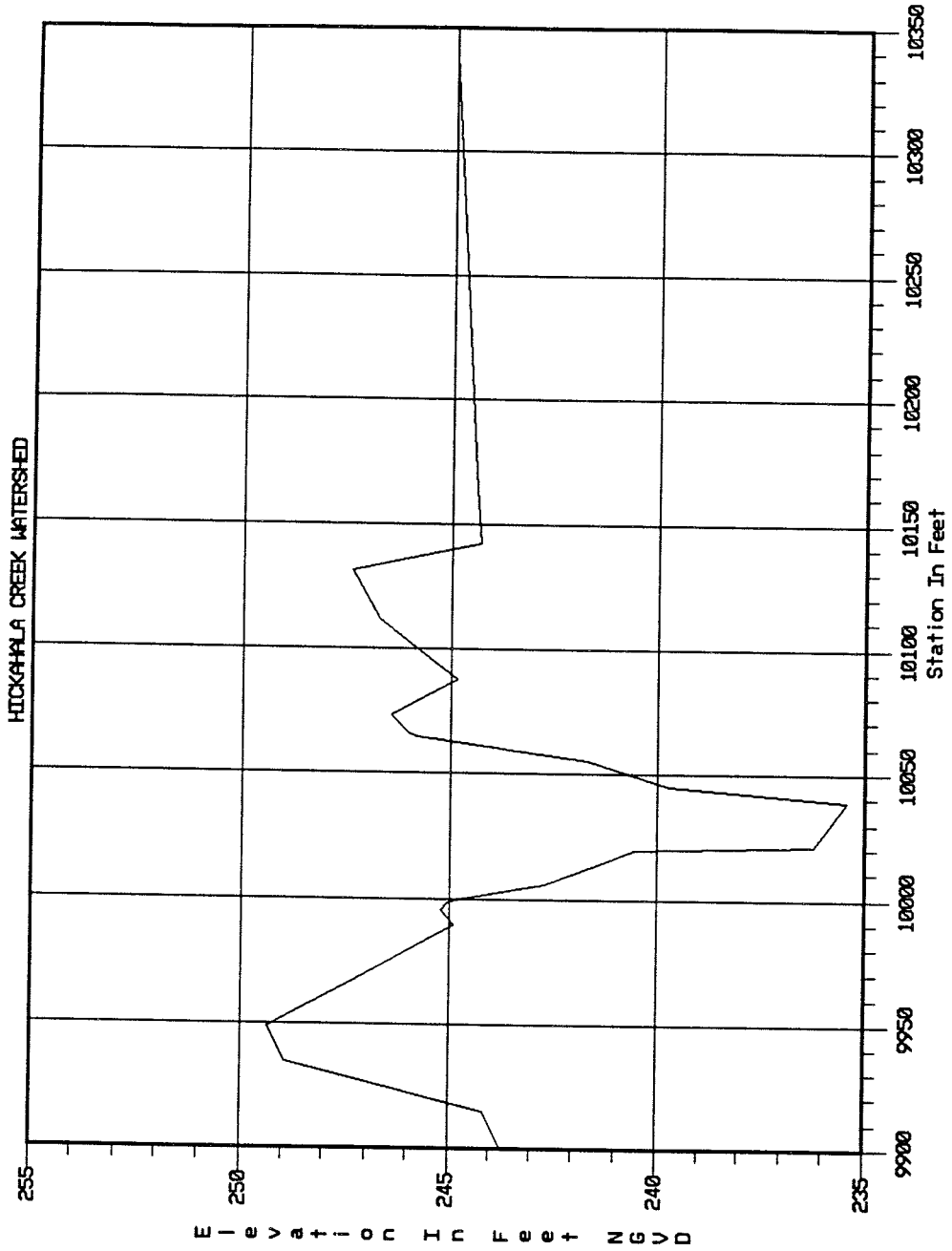
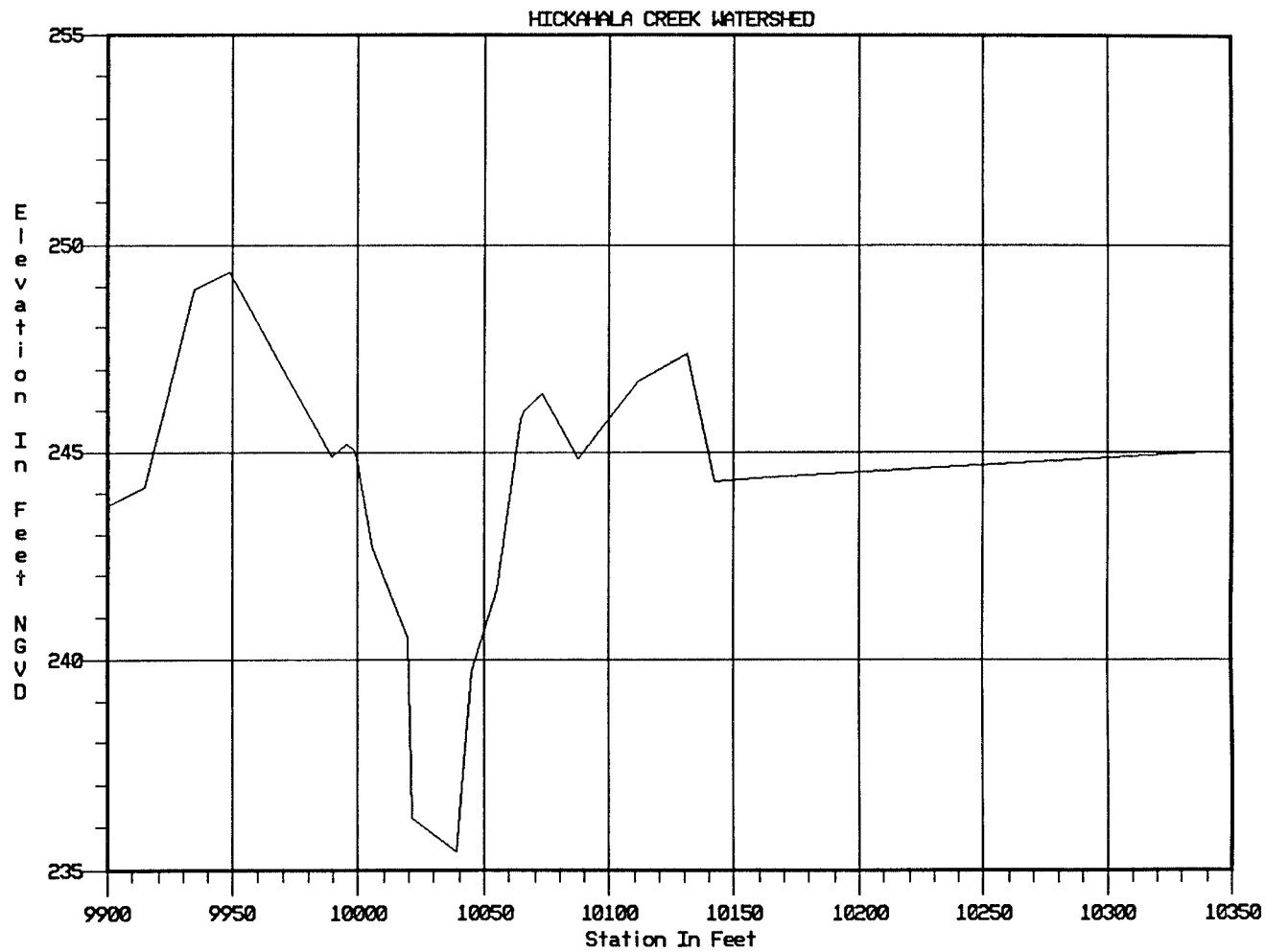
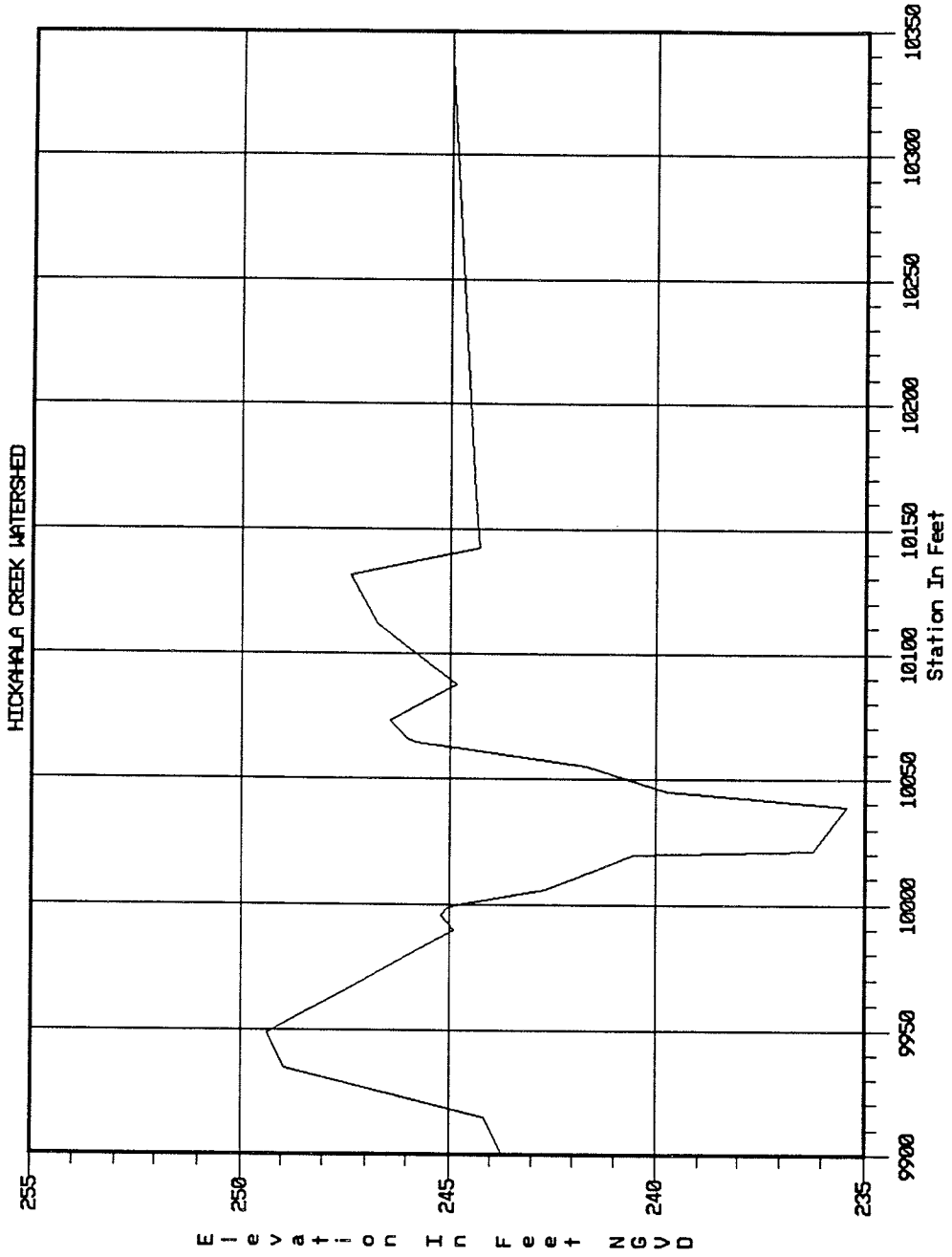

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
255
250
245
240
235
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
WEST DITCH 1985 XSEC 62.30

PLATE A198



WEST DITCH 1985 XSEC 69.9

PLATE A199



WEST DITCH 1985 XSEC 71.9

PLATE A200

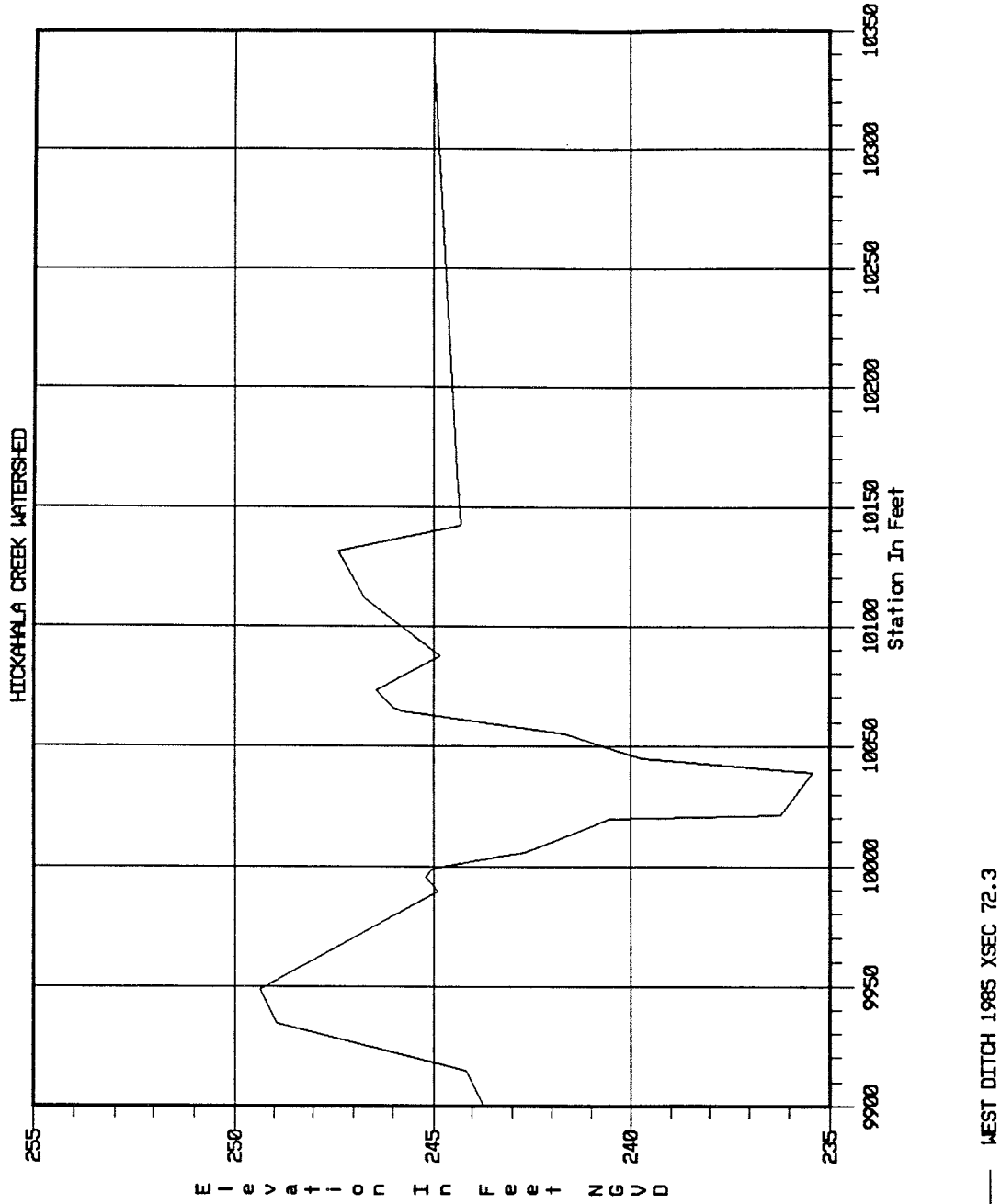

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
255
250
245
240
235
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
WEST DITCH 1985 XSEC 72.3

PLATE A201

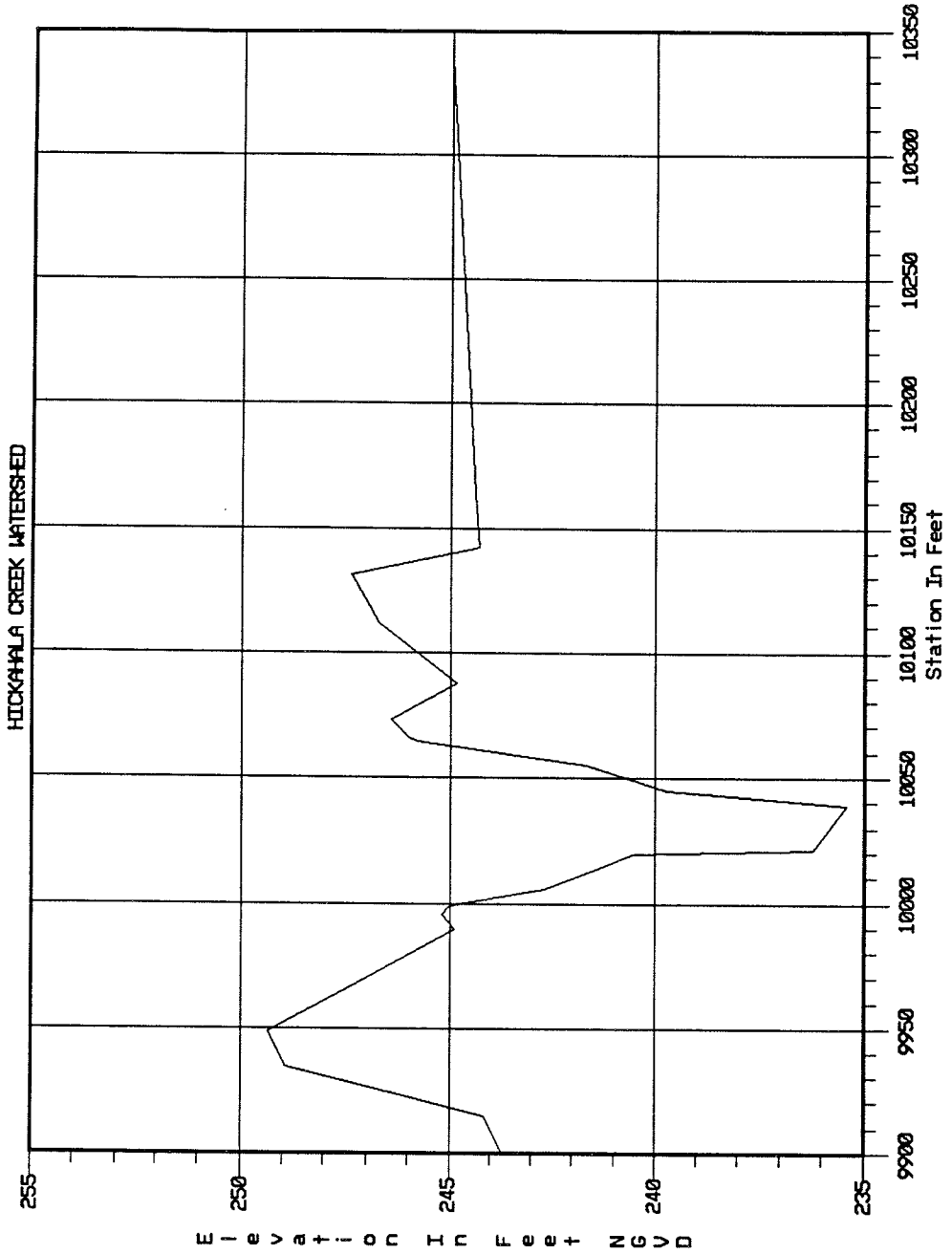
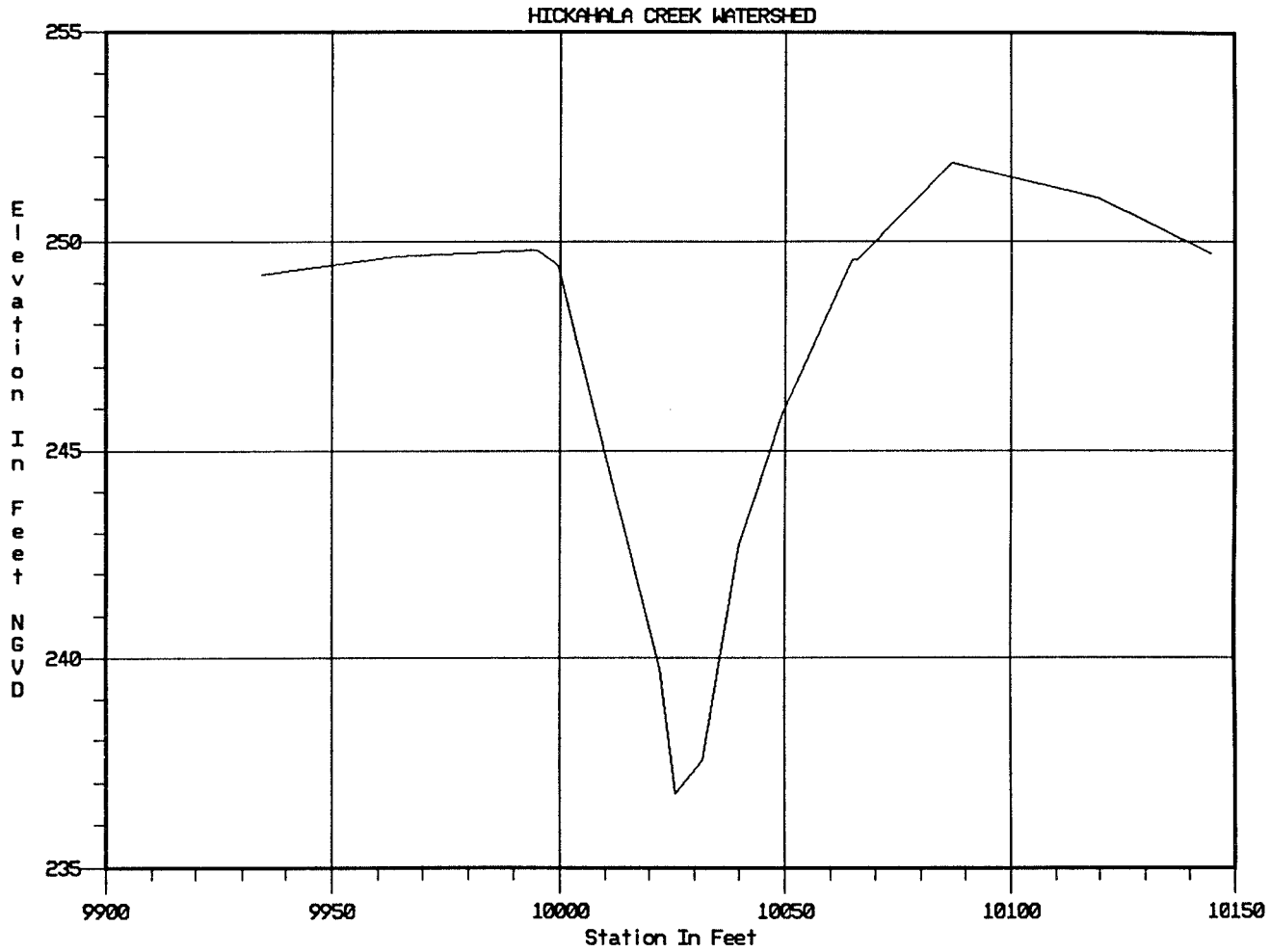

HICKAHALA CREEK WATERSHED
255
250
245
240
235
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
WEST DITCH 1985 XSEC 72.8

PLATE A202



WEST DITCH 1985 XSEC 111.50

PLATE A203

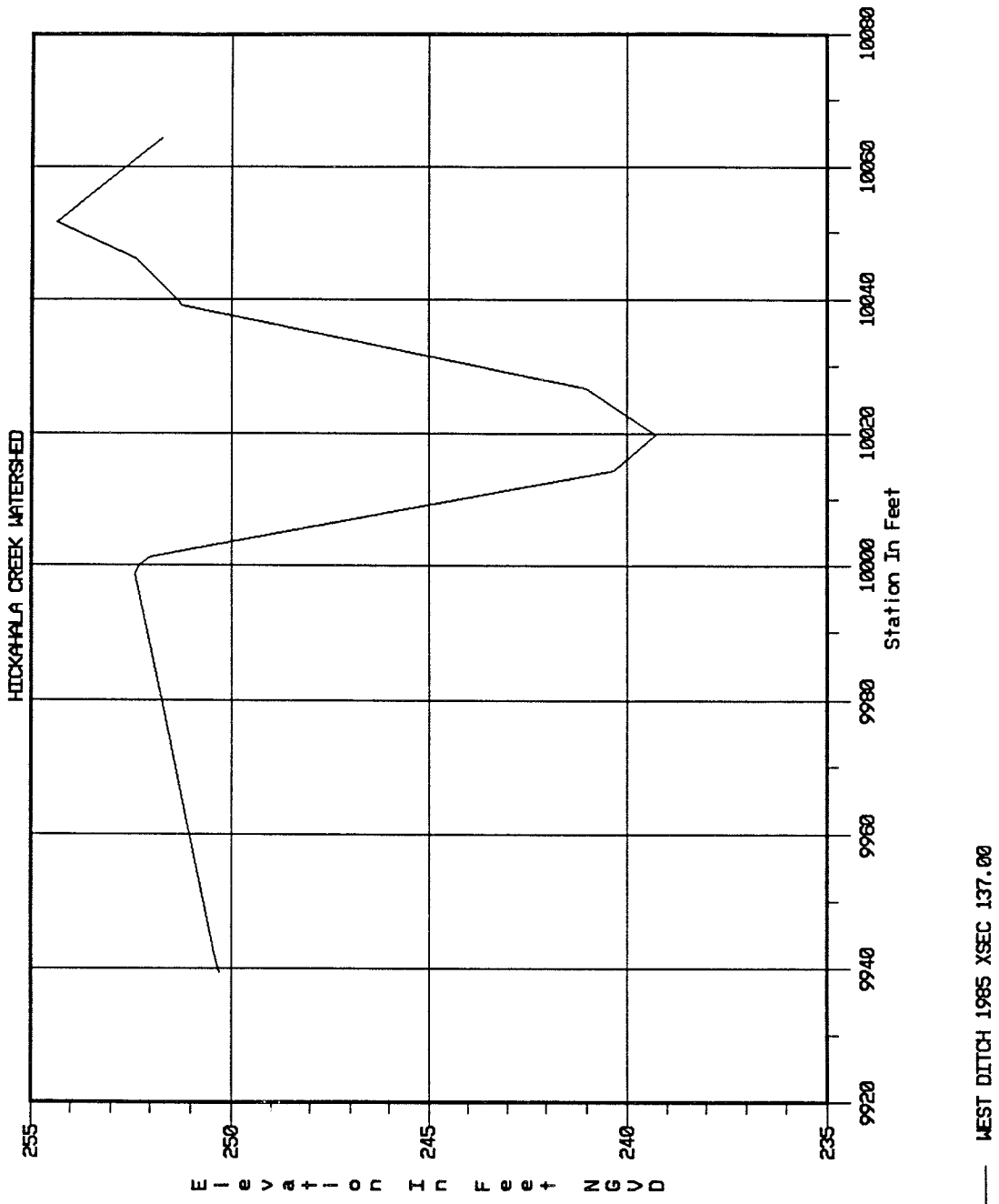
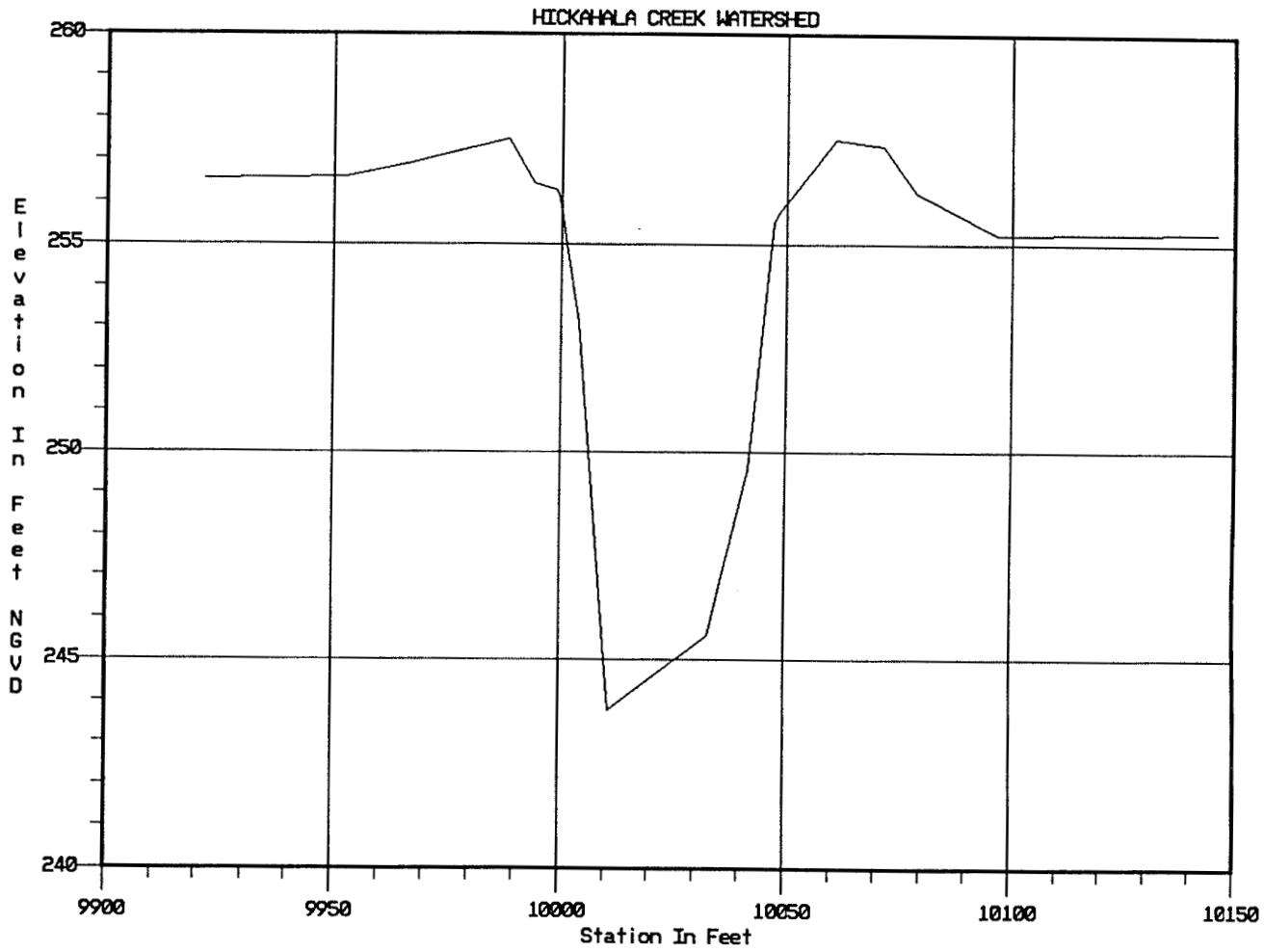

HICKAHALA CREEK WATERSHED
255
250
245
240
235
Elevation In Feet NGVD
9920
9940
9960
9980
10000
10020
10040
10060
10080
Station In Feet
WEST DITCH 1985 XSEC 137.00

PLATE A204



WEST DITCH 1985 XSEC 170.00

PLATE A205

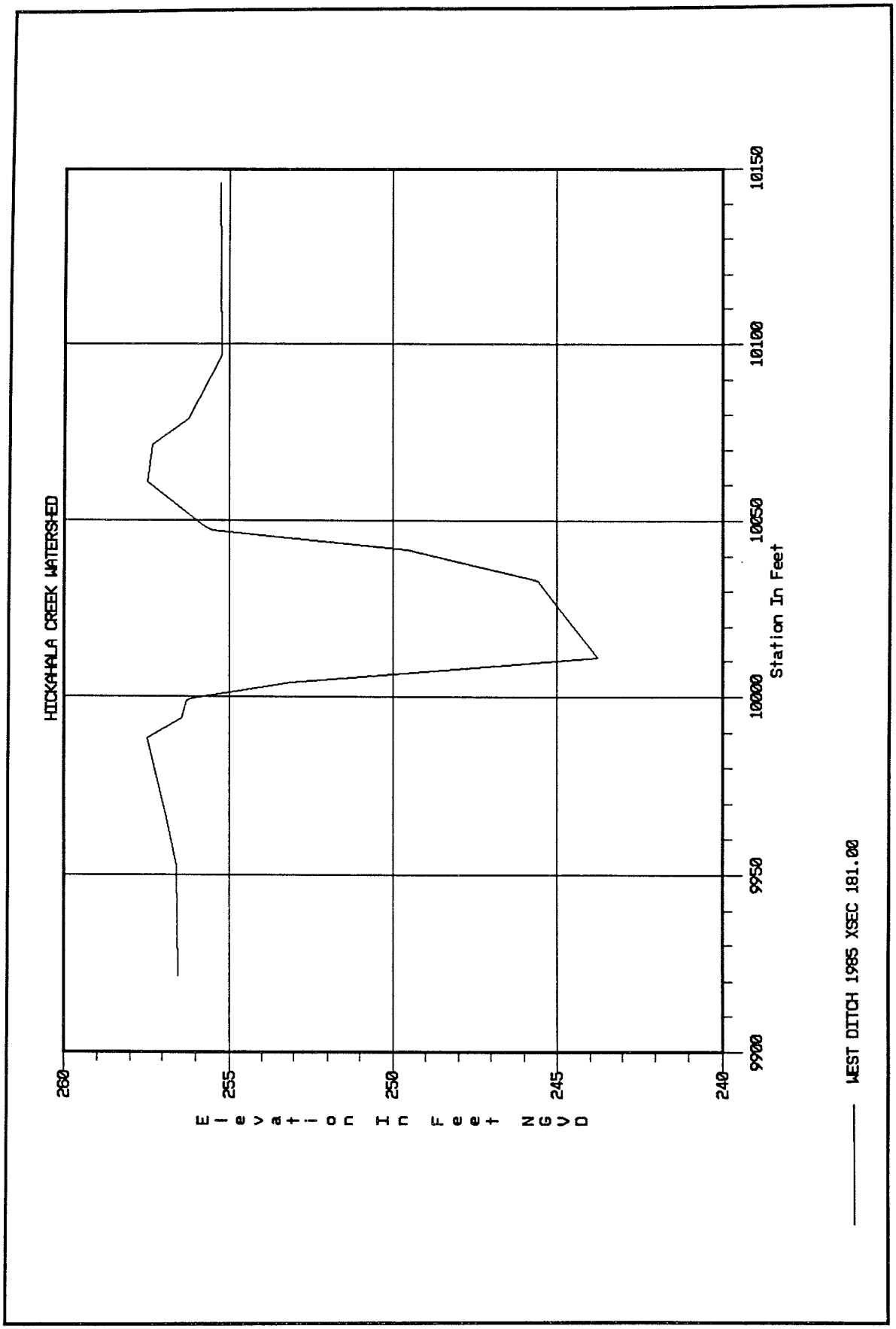
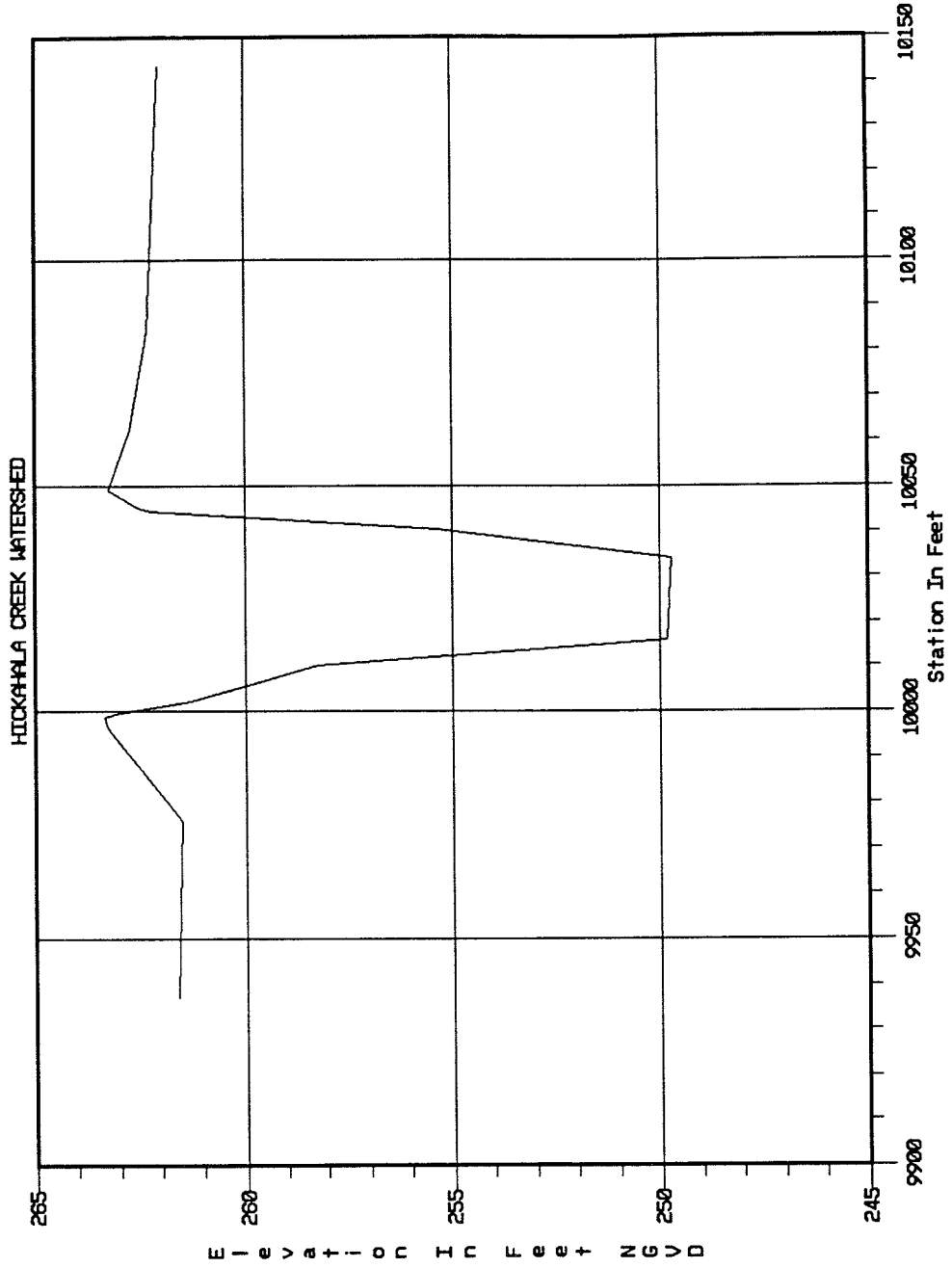

HICKAHALA CREEK WATERSHED
260
255
250
245
240
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
Station In Feet
WEST DITCH 1985 XSEC 181.00

PLATE A206



WEST DITCH 1985 XSEC 192.00

PLATE A207

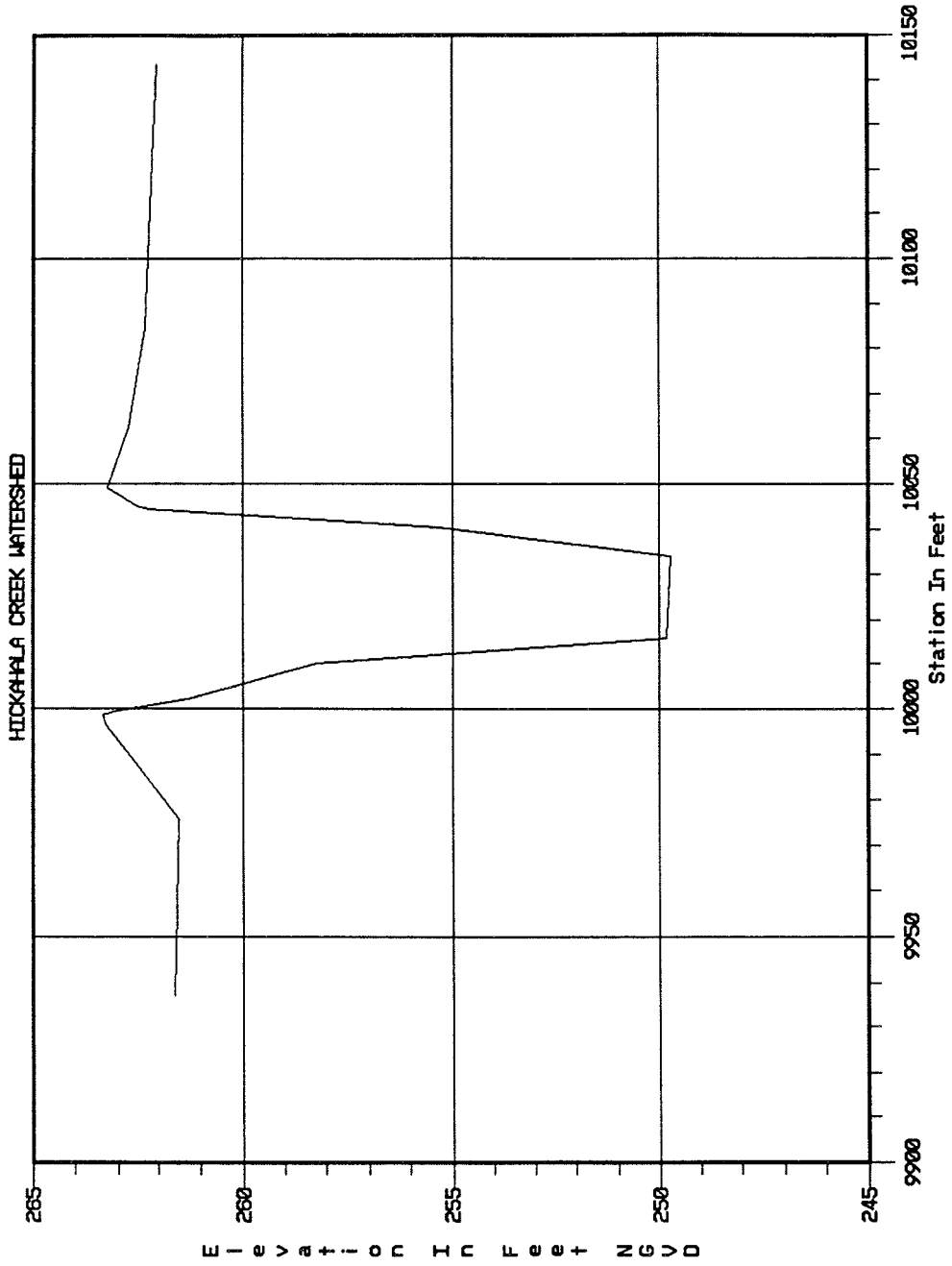
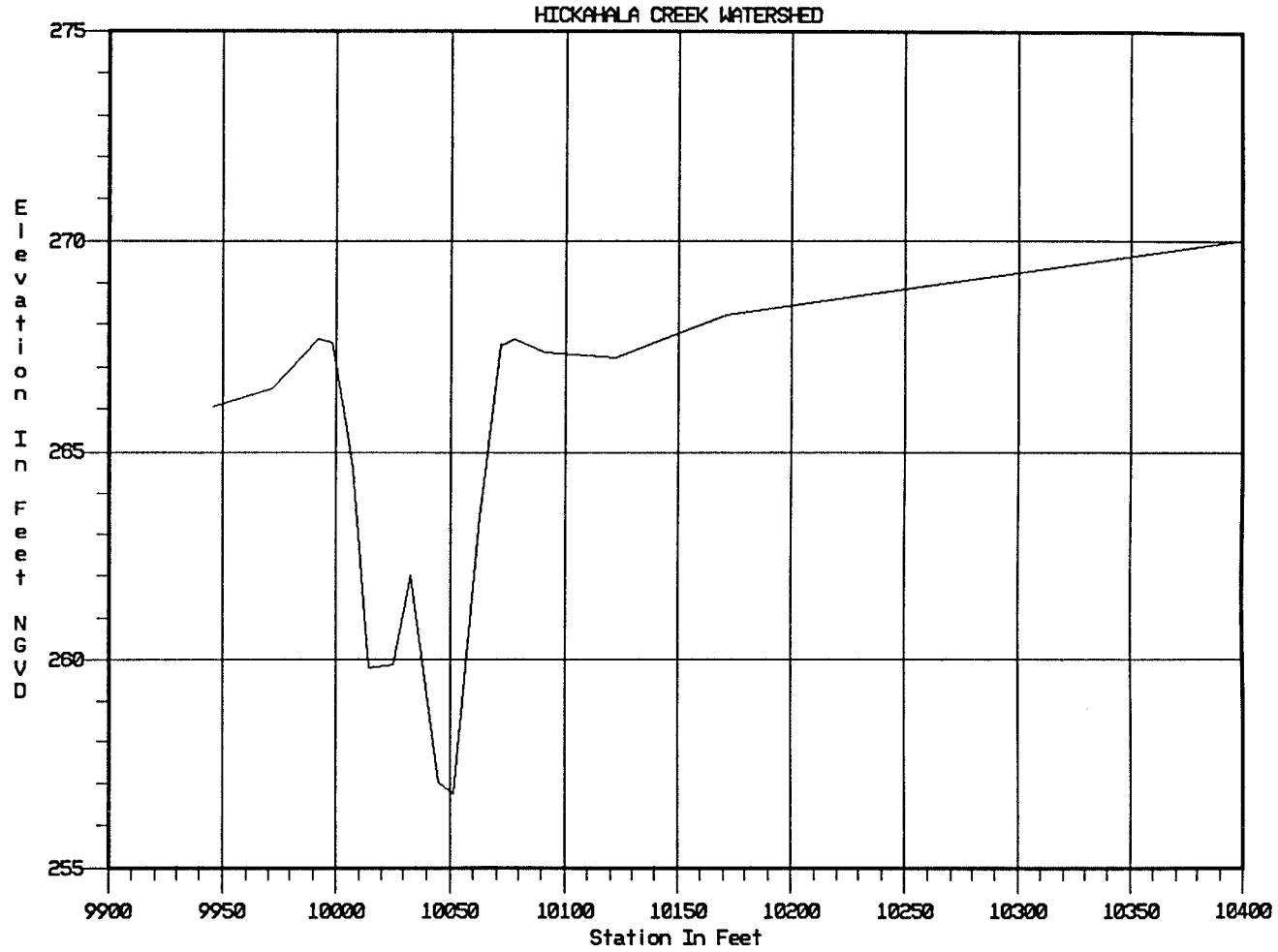

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
265
260
255
250
245
9900
9950
10000
10050
10100
10150
Station In Feet
WEST DITCH 1985 XSEC 203.00

PLATE A208



WEST DITCH 1985 XSEC 232.00

PLATE A209

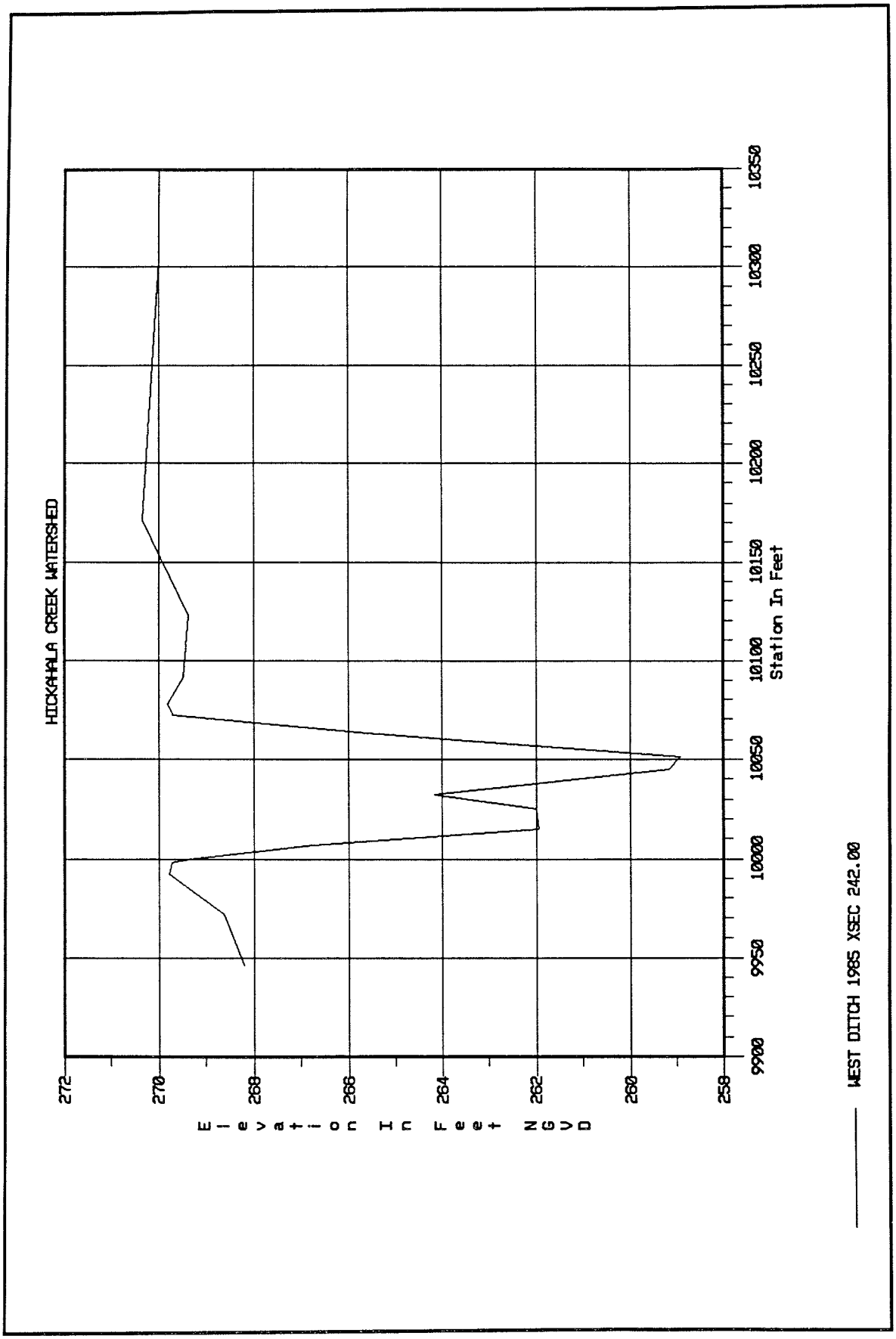

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
272
270
268
266
264
262
260
258
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
WEST DITCH 1985 XSEC 242.00

PLATE A210

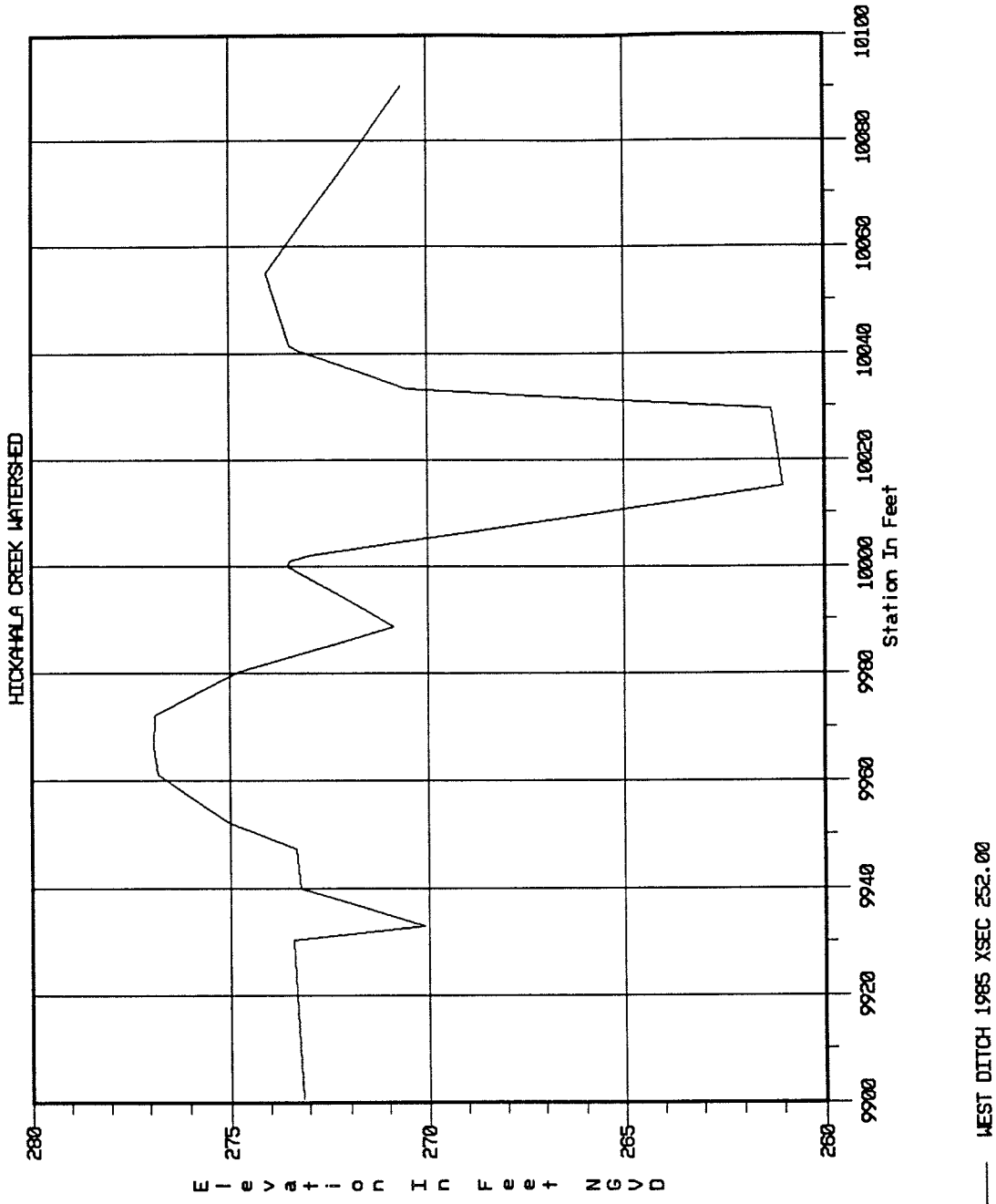

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
280
275
270
265
260
9900
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station In Feet
WEST DITCH 1985 XSEC 252.00

PLATE A211

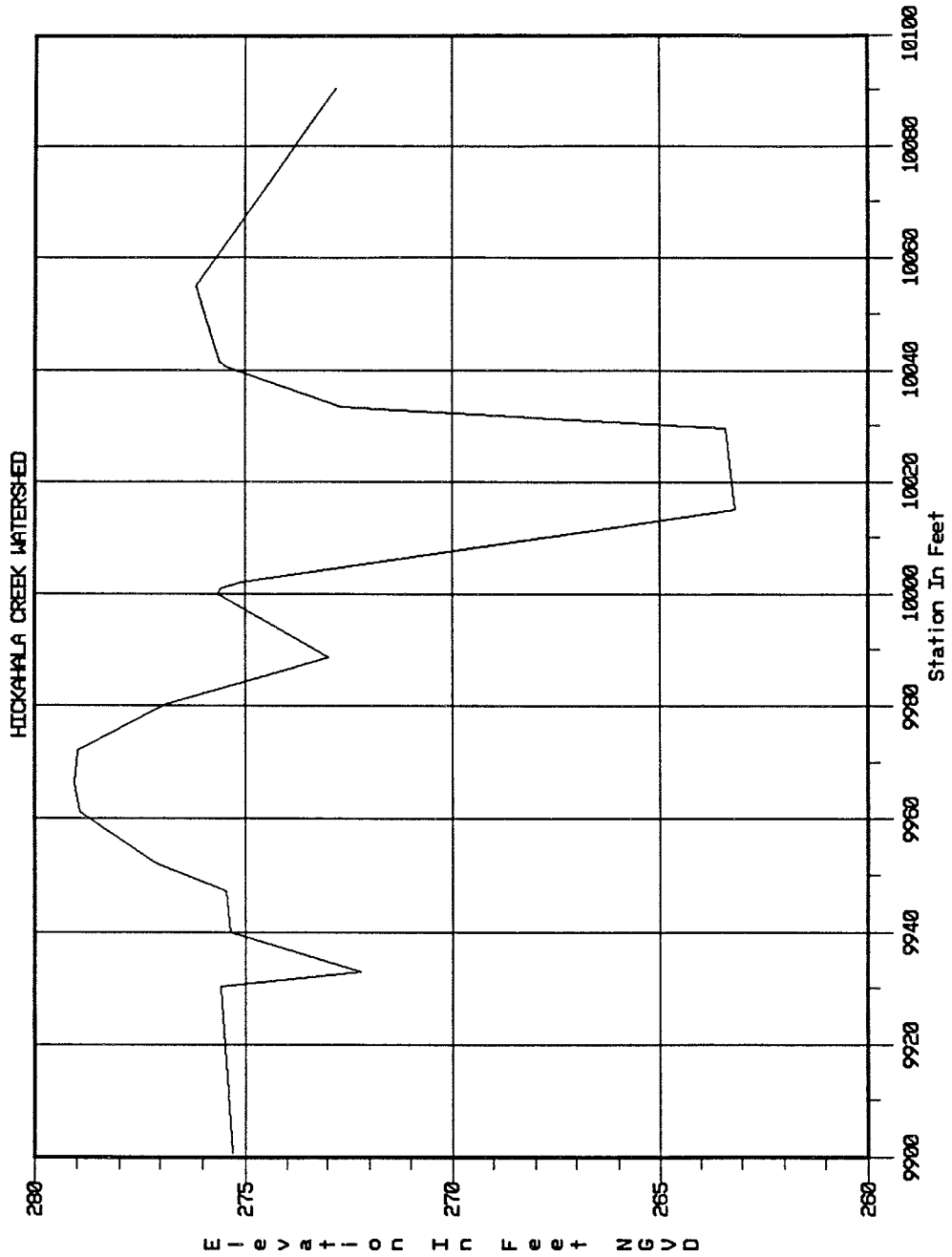

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
280
275
270
265
260
9900
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station In Feet
WEST DITCH 1985 XSEC 262.00

PLATE A212

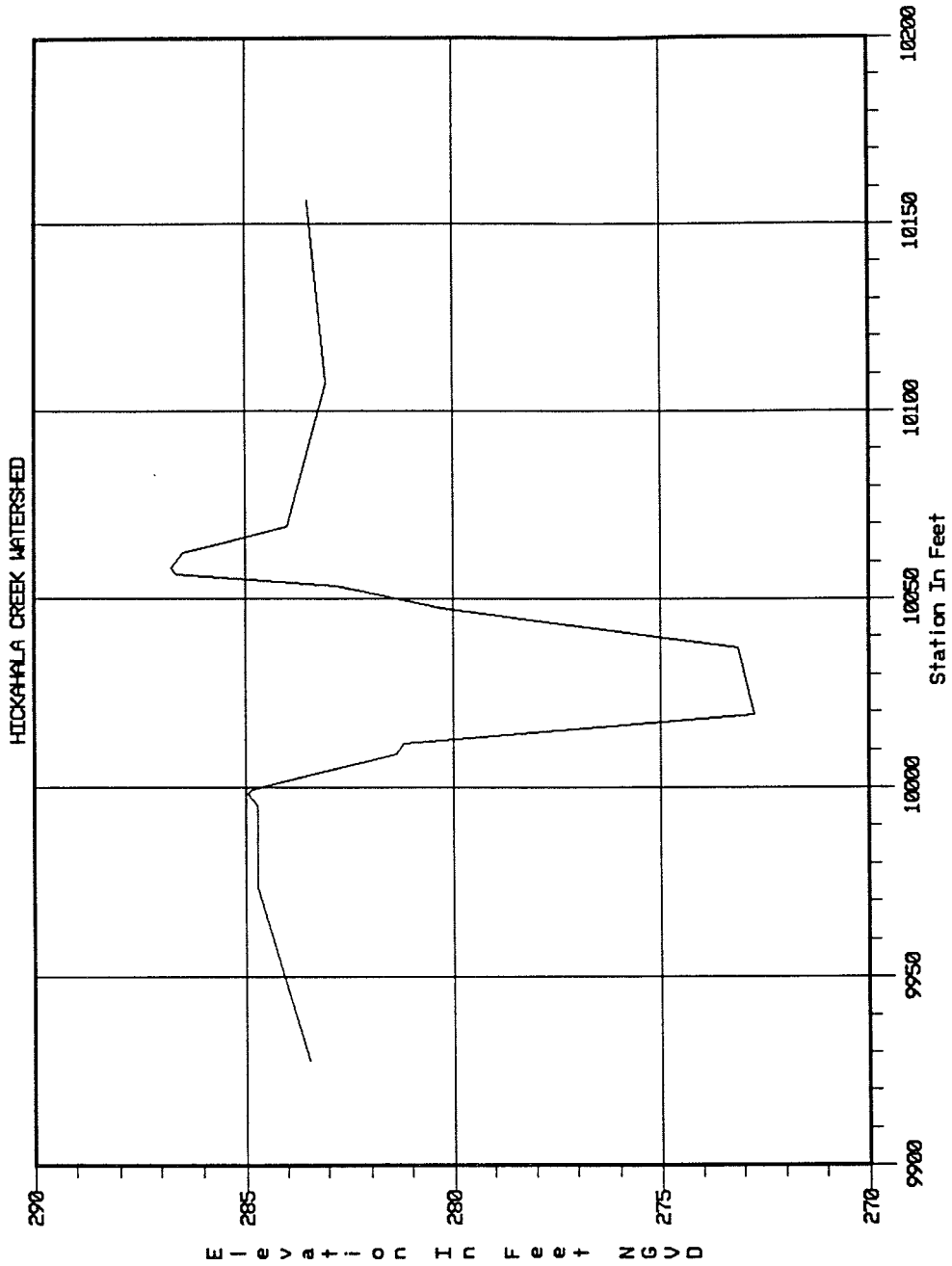

HICKAHALA CREEK WATERSHED
290
285
280
275
270
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
WEST DITCH 1985 XSEC 298.90

PLATE A213

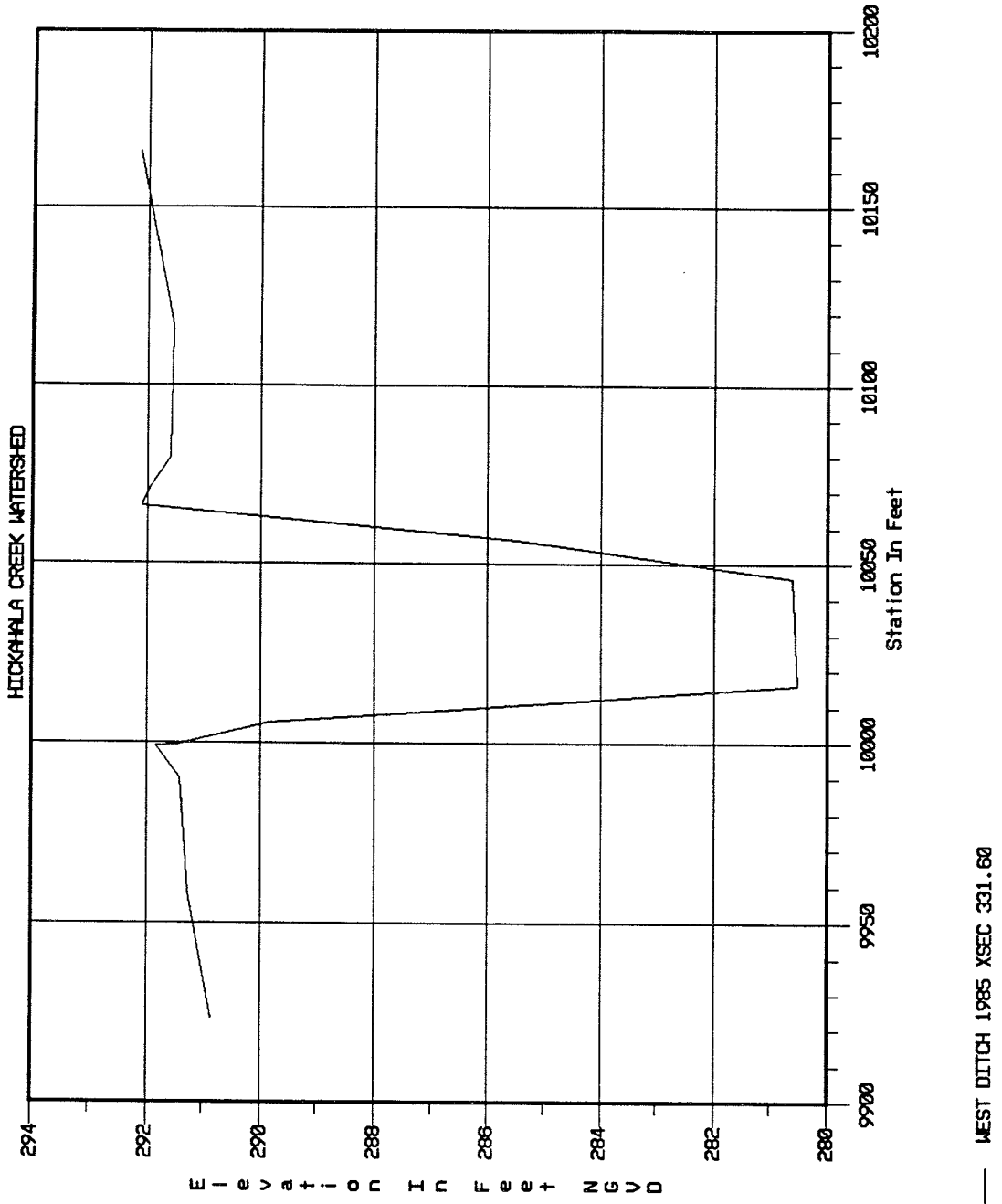
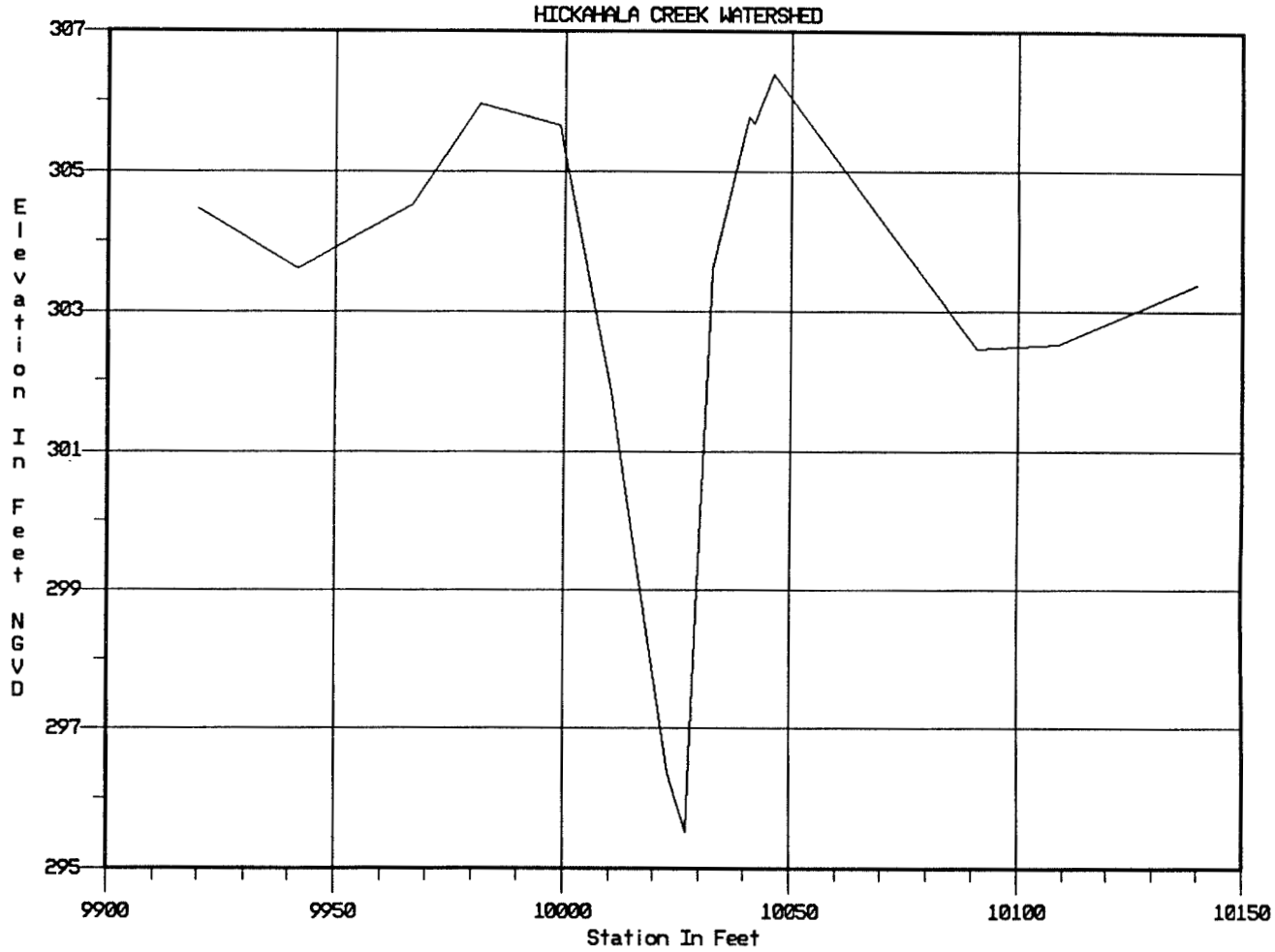

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
294
292
290
288
286
284
282
280
9900
9950
10000
10050
10100
10150
10200
Station In Feet
WEST DITCH 1985 XSEC 331.60

PLATE A214



WEST DITCH 1985 XSEC 388.30

PLATE A215

REPORT DOCUMENTATION PAGE

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The purpose of monitoring the Demonstration Erosion Control (DEC) Project is to evaluate and document watershed response to the implemented DEC Project. Documentation of watershed responses to DEC Project features will allow the participating agencies a unique opportunity to determine the effectiveness of existing design guidance for erosion and flood control in small watersheds. The monitoring program includes 11 technical areas: stream gaging, data collection and data management, hydraulic performance of structures, channel response, hydrology, upland watersheds, reservoir sedimentation, environmental aspects, bank stability, design tools, and technology transfer.

Appendix A documents the channel cross-section and profile data used in the detailed geomorphic assessment for the Hickahala-Senatobia Creek watershed that is presented in Volume I of this report.

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