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

Prepared for U.S. Army Engineer District, Vicksburg

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U.S. Army Corps of Engineers
Waterways Experiment Station
3909 Halls Ferry Road
Vicksburg, MS 39180-6199

Final report

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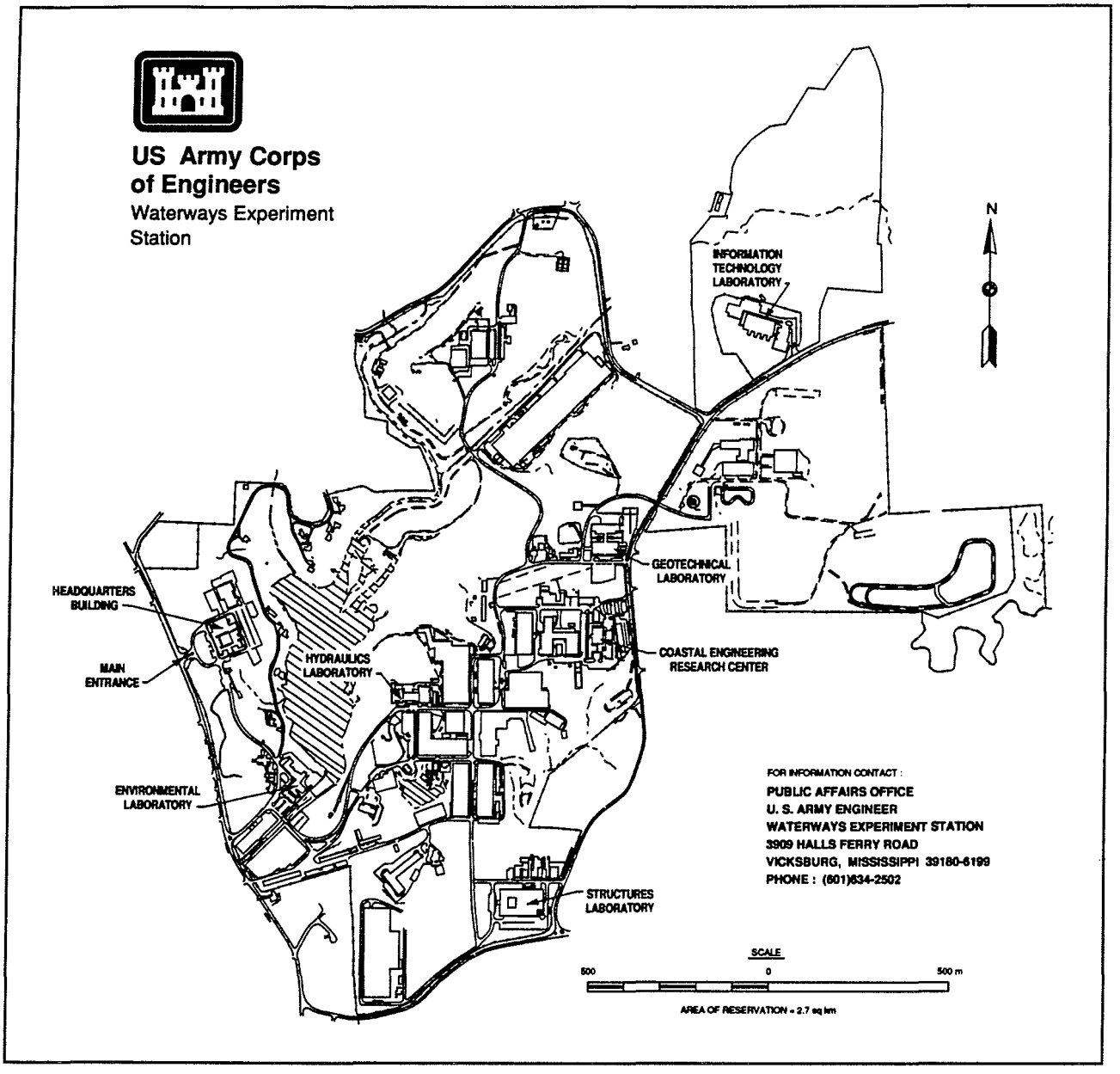
3550 I-20 Frontage Road
Vicksburg, MS 39180-5191



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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

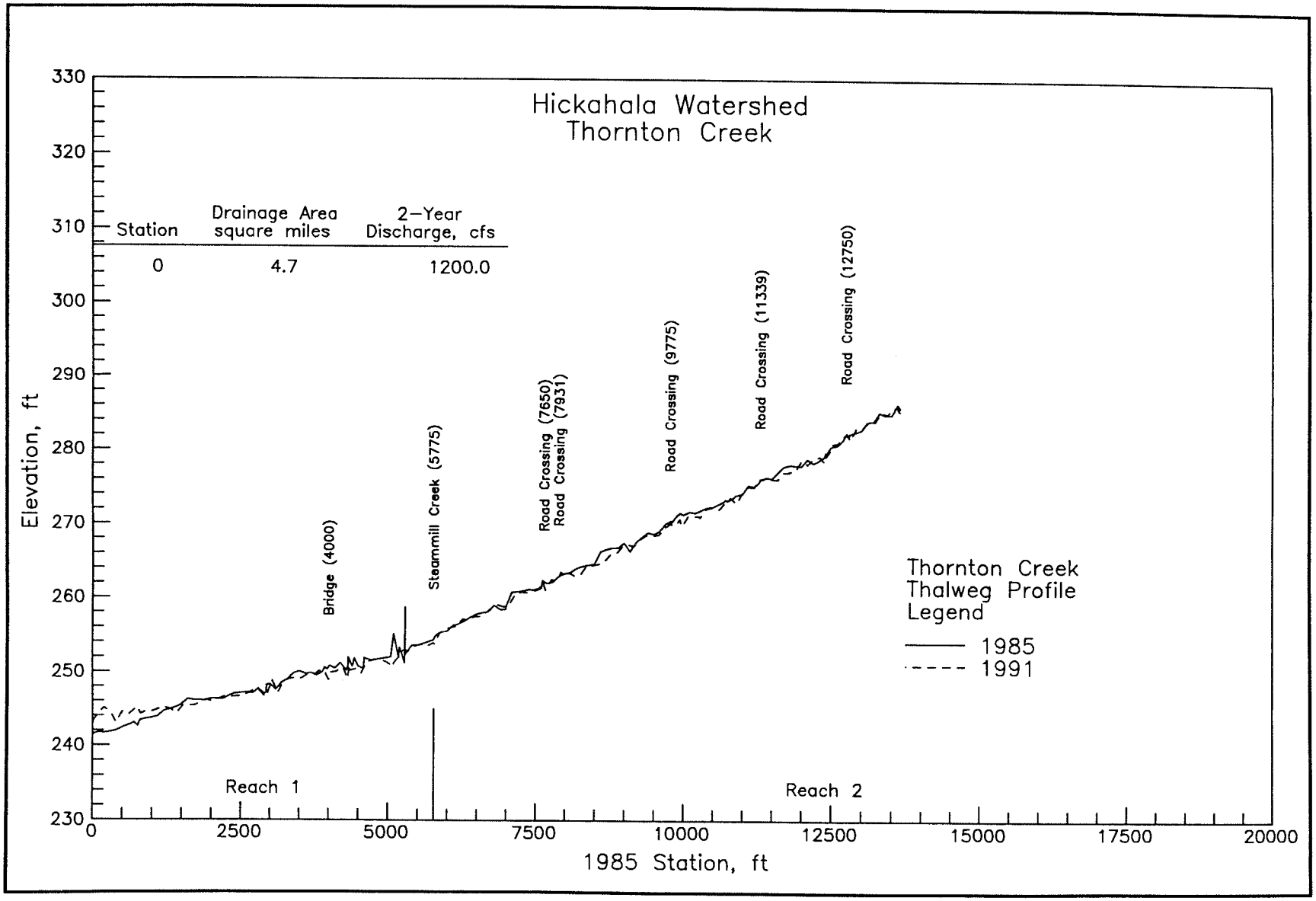
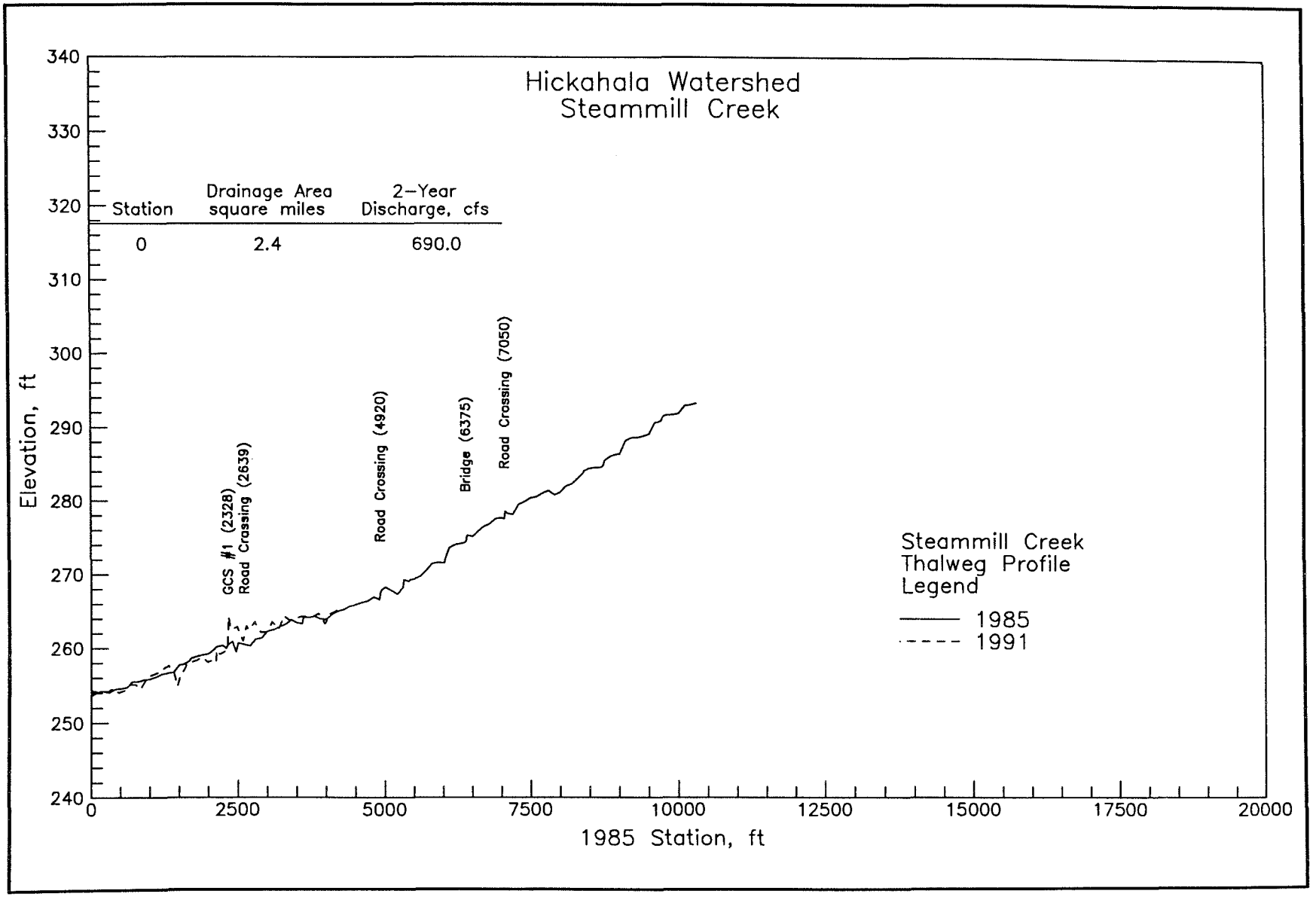

Hickahala Watershed
Thornton Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
4.7
1200.0
Elevation, ft
1985 Station, ft
Bridge (4000)
Steammill Creek (5775)
Road Crossing (7650)
Road Crossing (7931)
Road Crossing (9775)
Road Crossing (11339)
Road Crossing (12750)
Reach 1
Reach 2
Thornton Creek
Thalweg Profile
Legend
1985
1991

PLATE A1

PLATE A2


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

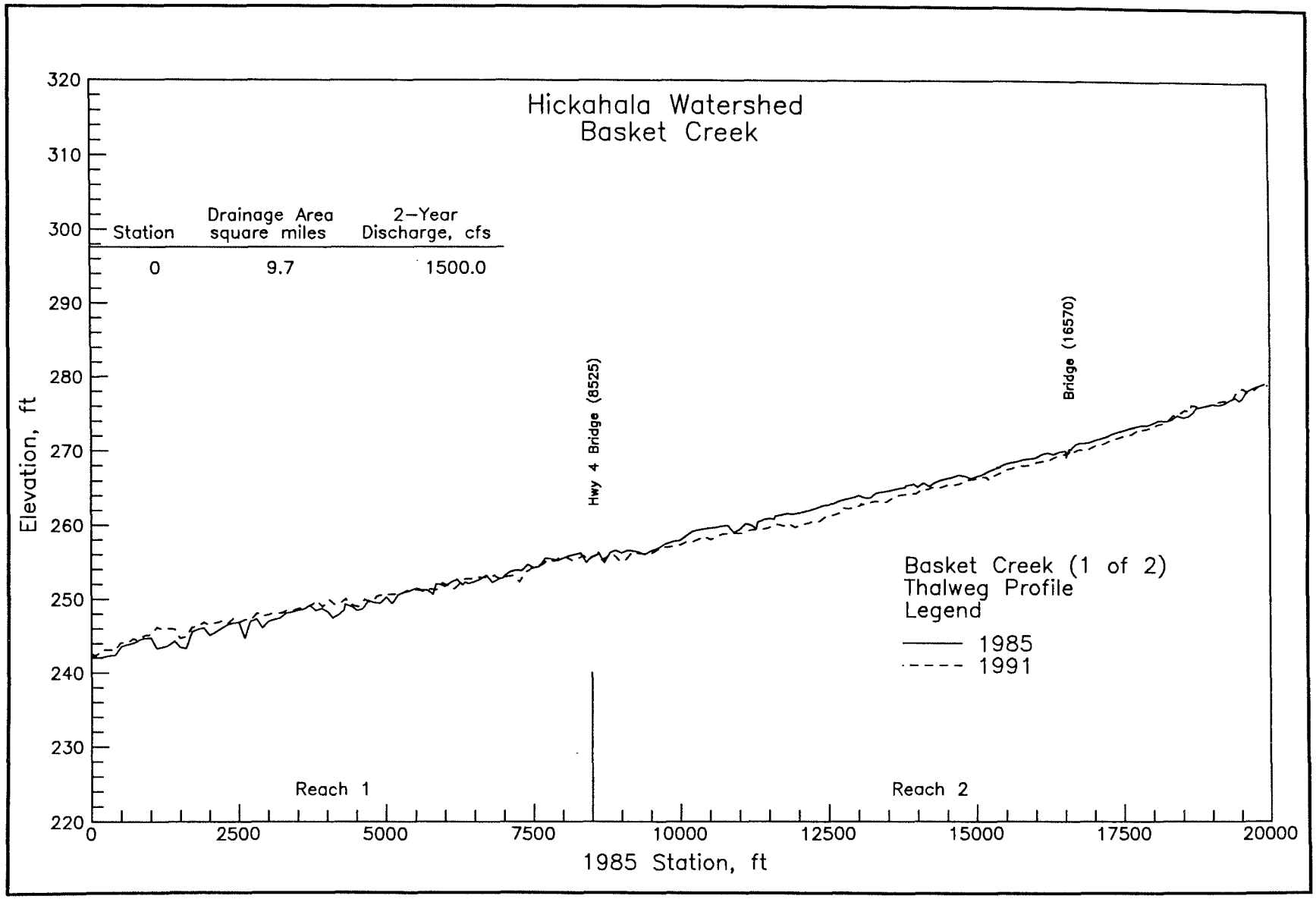
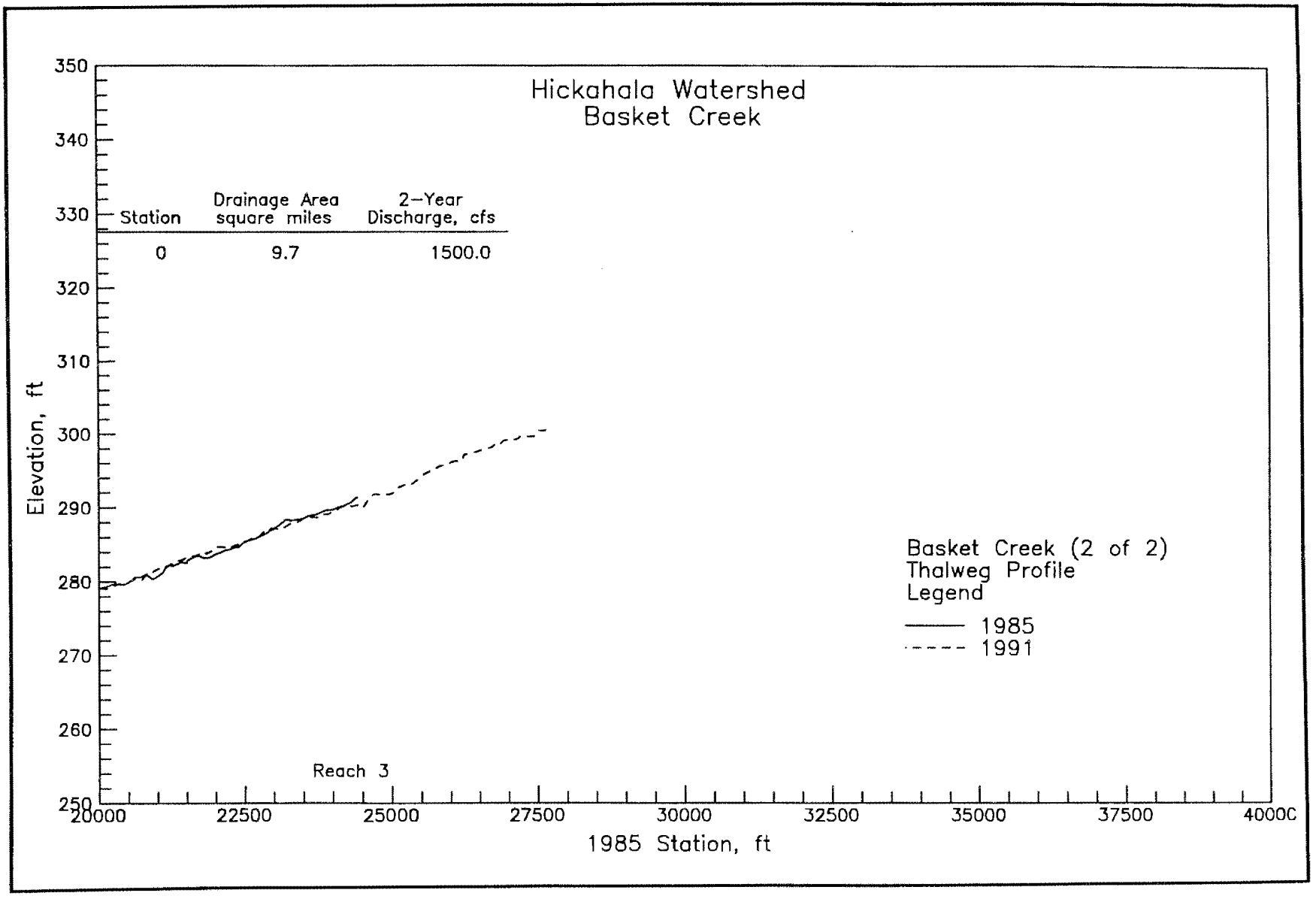

Hickahala Watershed
Basket Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
9.7
1500.0
Hwy 4 Bridge (8525)
Bridge (16570)
Basket Creek (1 of 2)
Thalweg Profile
Legend
1985
1991
Reach 1
Reach 2
Elevation, ft
1985 Station, ft
320
310
300
290
280
270
260
250
240
230
220
0
2500
5000
7500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

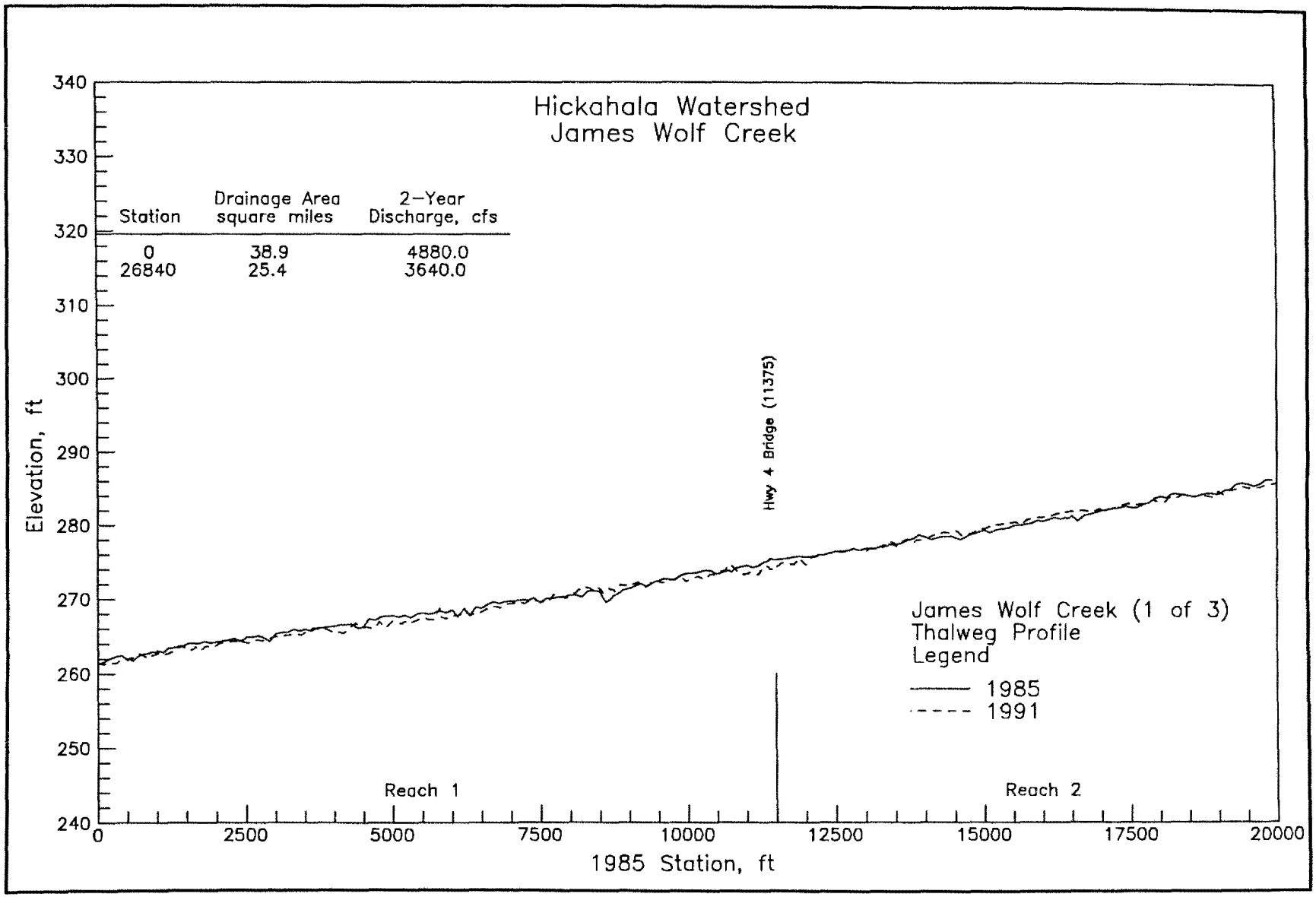
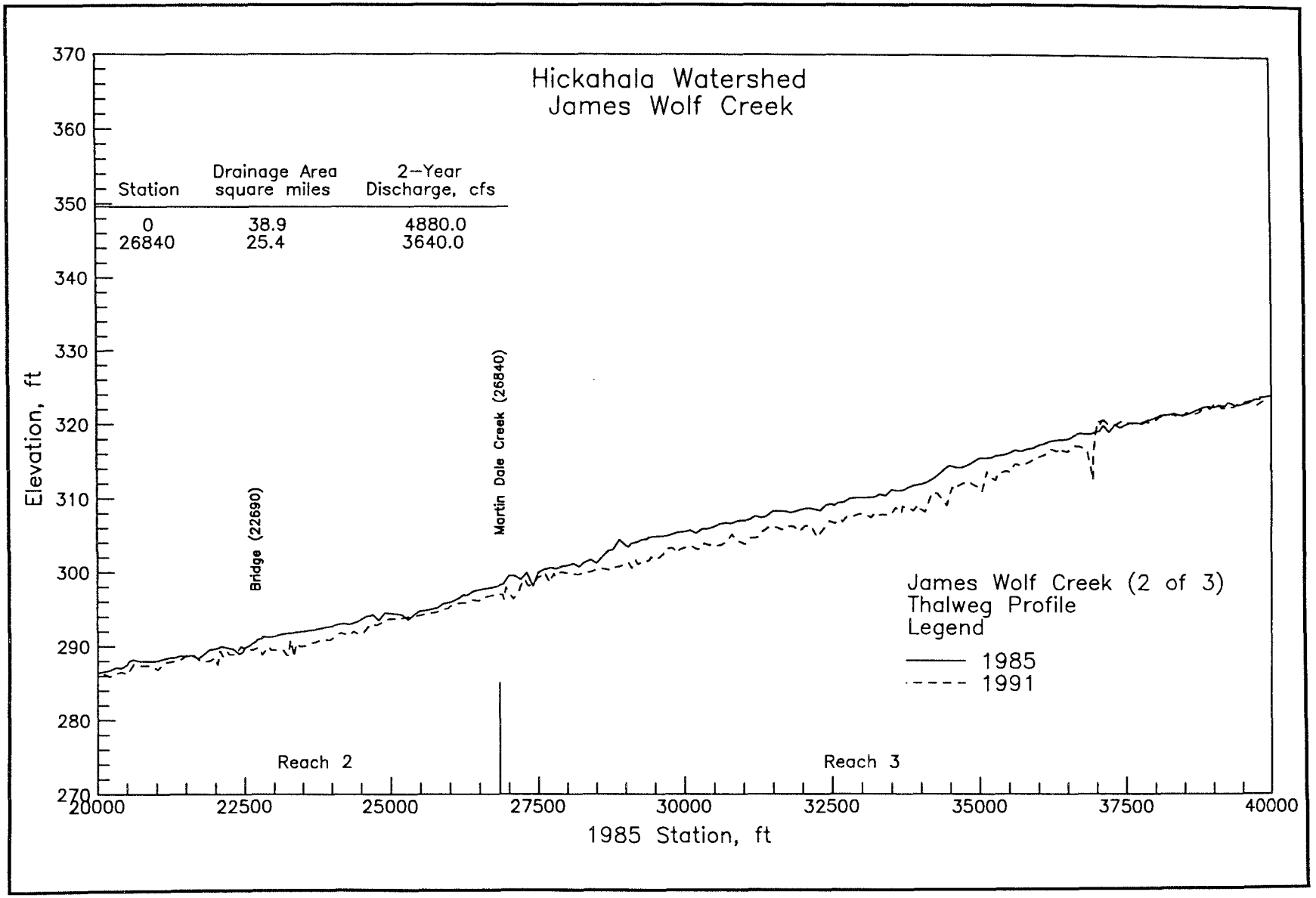

Hickahala Watershed
James Wolf Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
38.9
4880.0
26840
25.4
3640.0
Hwy 4 Bridge (11375)
James Wolf Creek (1 of 3)
Thalweg Profile
Legend
1985
1991
Reach 1
Reach 2
Elevation, ft
1985 Station, ft
340
330
320
310
300
290
280
270
260
250
240
0
2500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

PLATE A5

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
Elevation, ft
370
360
350
340
330
320
310
300
290
280
270
Bridge (22690)
Martin Dale Creek (26840)
James Wolf Creek (2 of 3)
Thalweg Profile
Legend
1985
1991
Reach 2
Reach 3
20000
22500
25000
27500
30000
32500
35000
37500
40000
1985 Station, ft

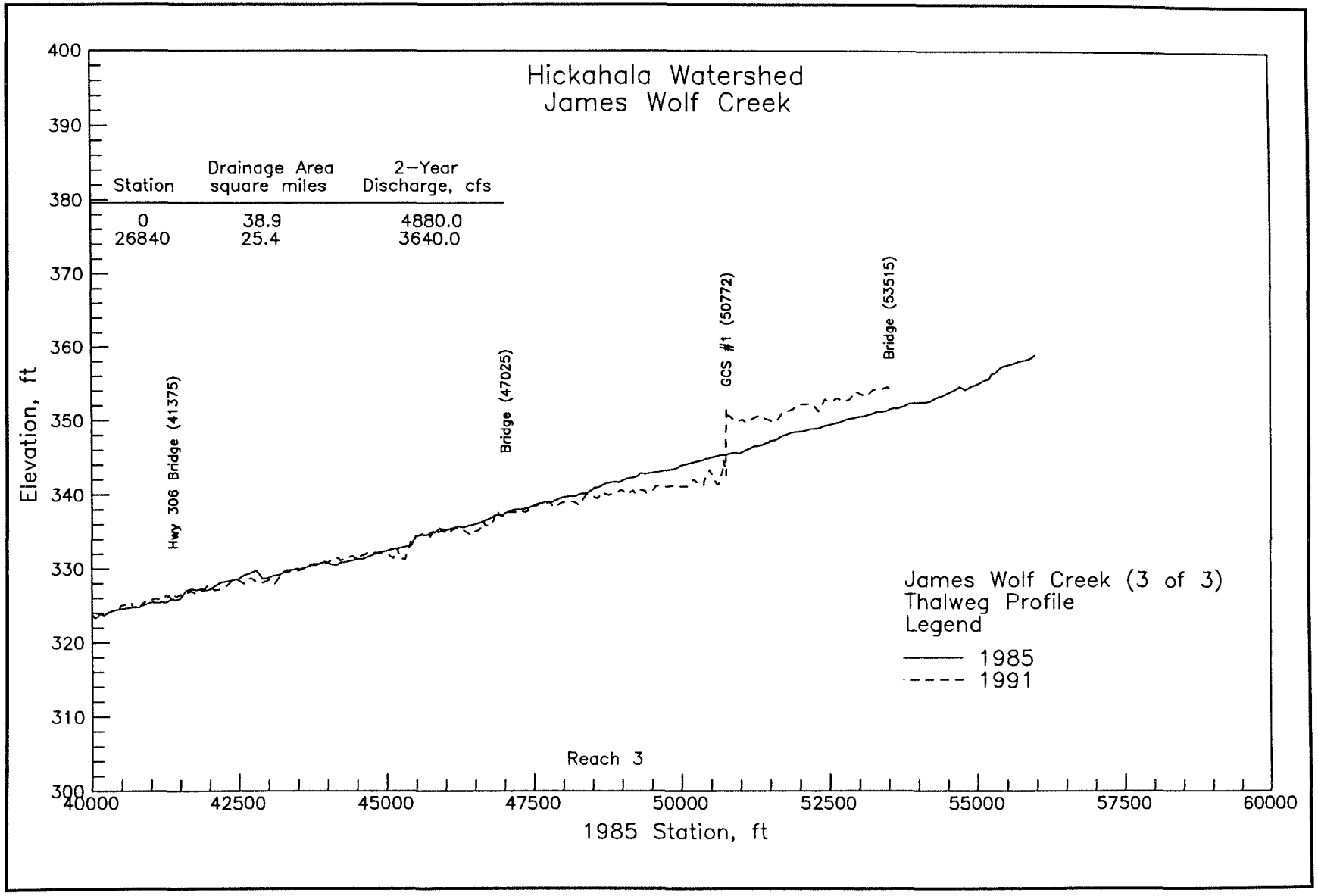
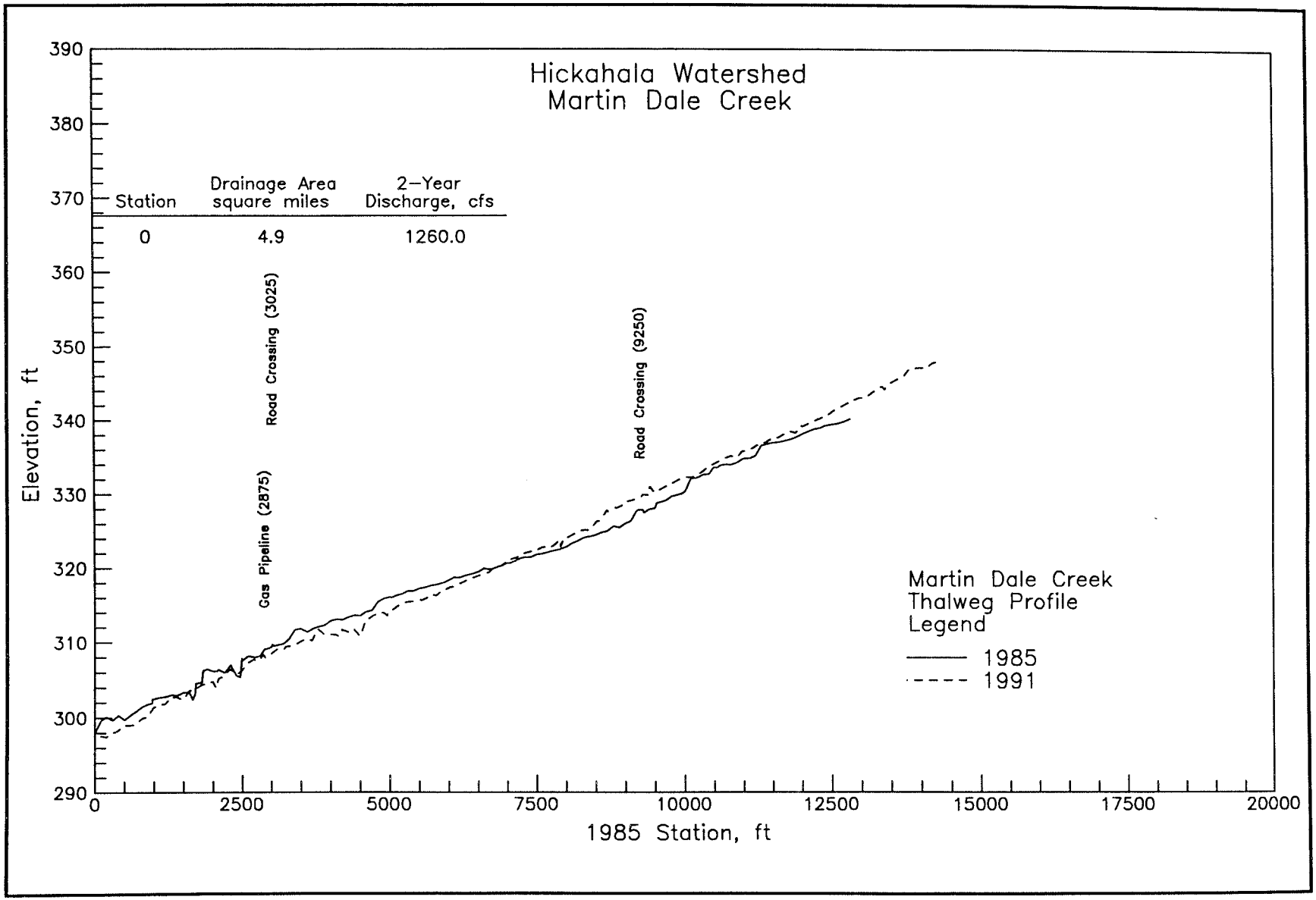

Hickahala Watershed
James Wolf Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
38.9
4880.0
26840
25.4
3640.0
Hwy 306 Bridge (41375)
Bridge (47025)
GCS #1 (50772)
Bridge (53515)
Elevation, ft
400
390
380
370
360
350
340
330
320
310
300
40000
42500
45000
47500
50000
52500
55000
57500
60000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

PLATE A7

PLATE A8


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)
Elevation, ft
1985 Station, ft
Martin Dale Creek
Thalweg Profile
Legend
1985
1991

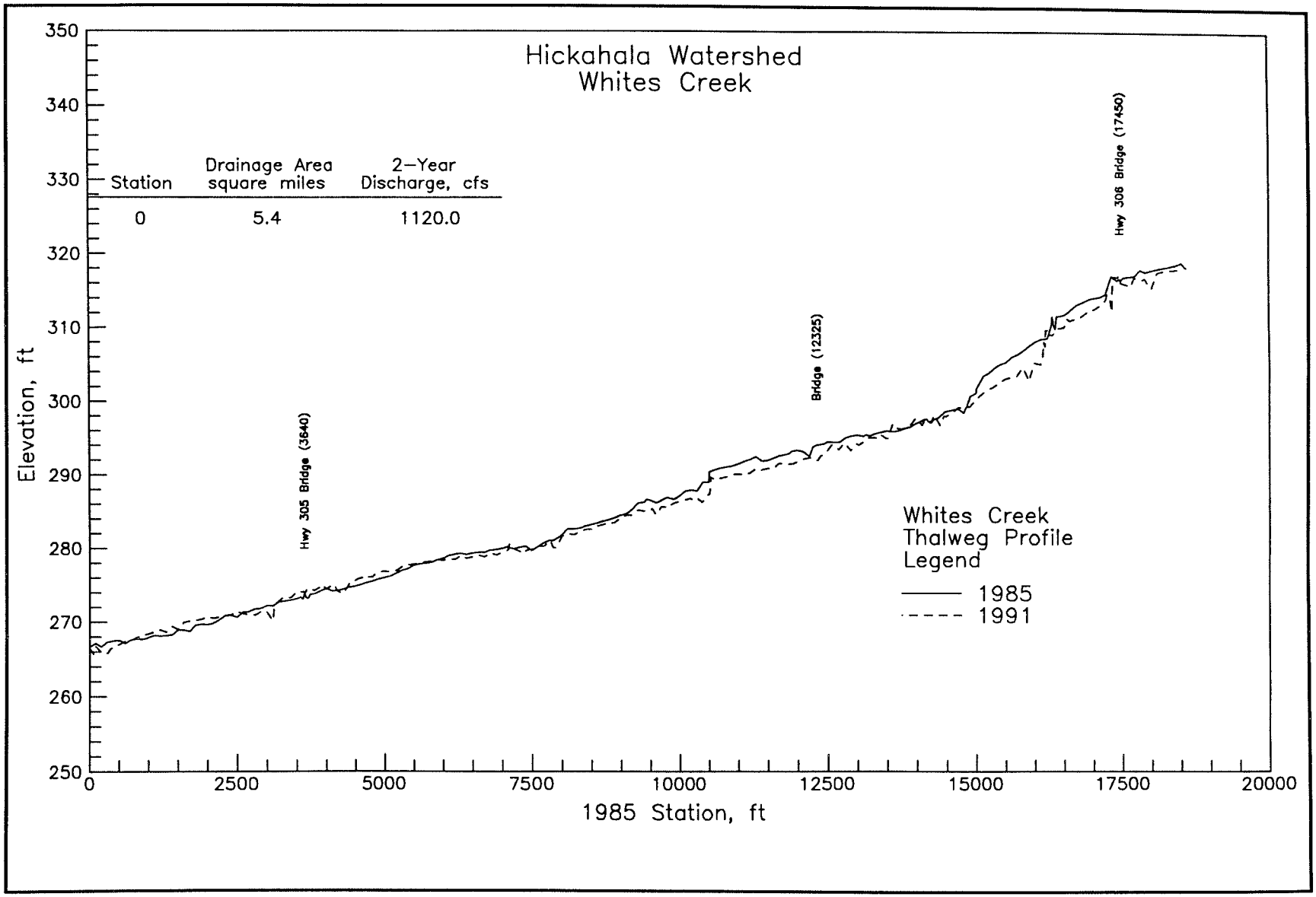
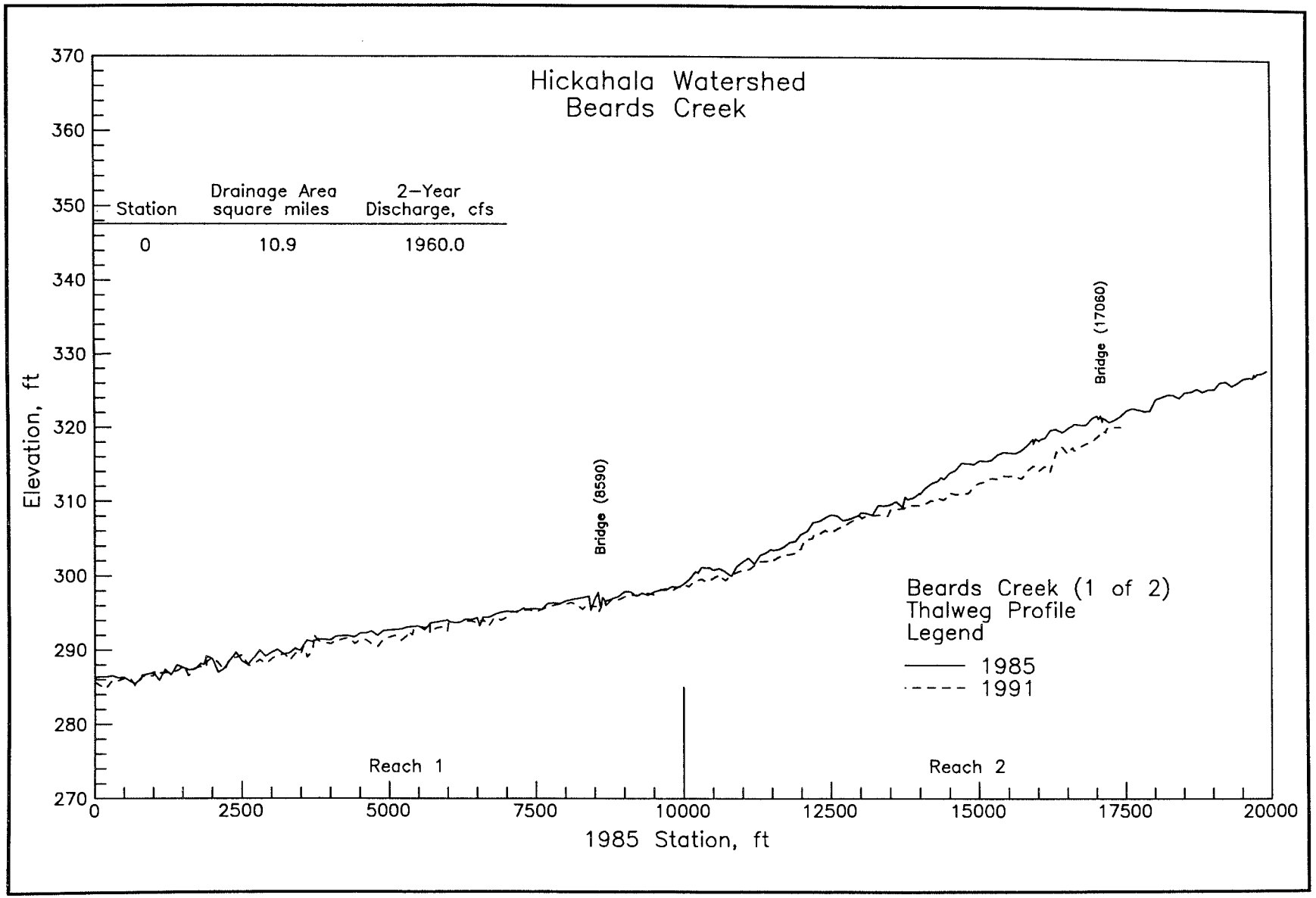

Hickahala Watershed
Whites Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
5.4
1120.0
Hwy 308 Bridge (17450)
Bridge (12325)
Hwy 305 Bridge (3640)
Whites Creek
Thalweg Profile
Legend
1985
1991
Elevation, ft
1985 Station, ft
350
340
330
320
310
300
290
280
270
260
250
0
2500
5000
7500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

PLATE A9

PLATE A10


Hickahala Watershed
Beards Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
10.9
1960.0
Bridge (8590)
Bridge (17060)
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

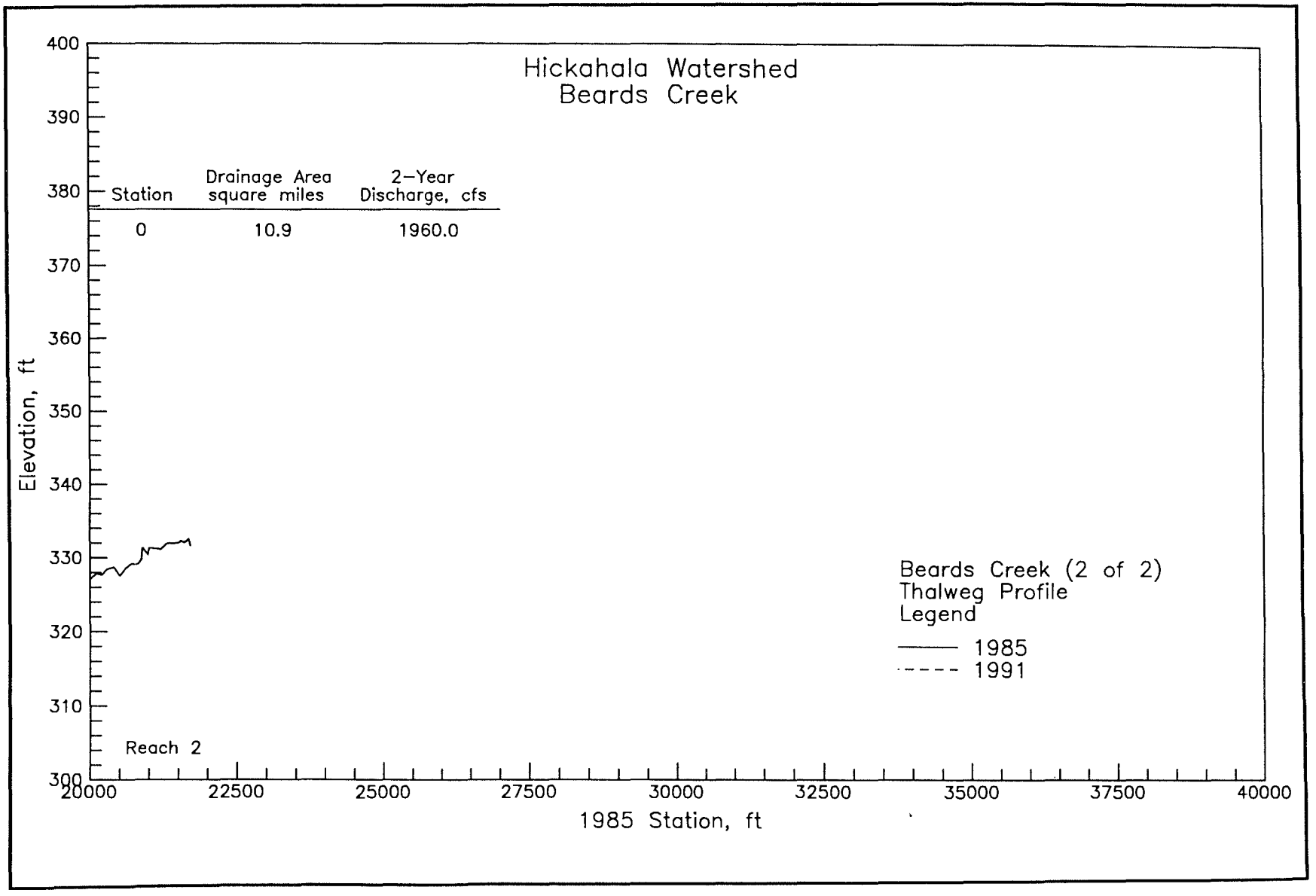
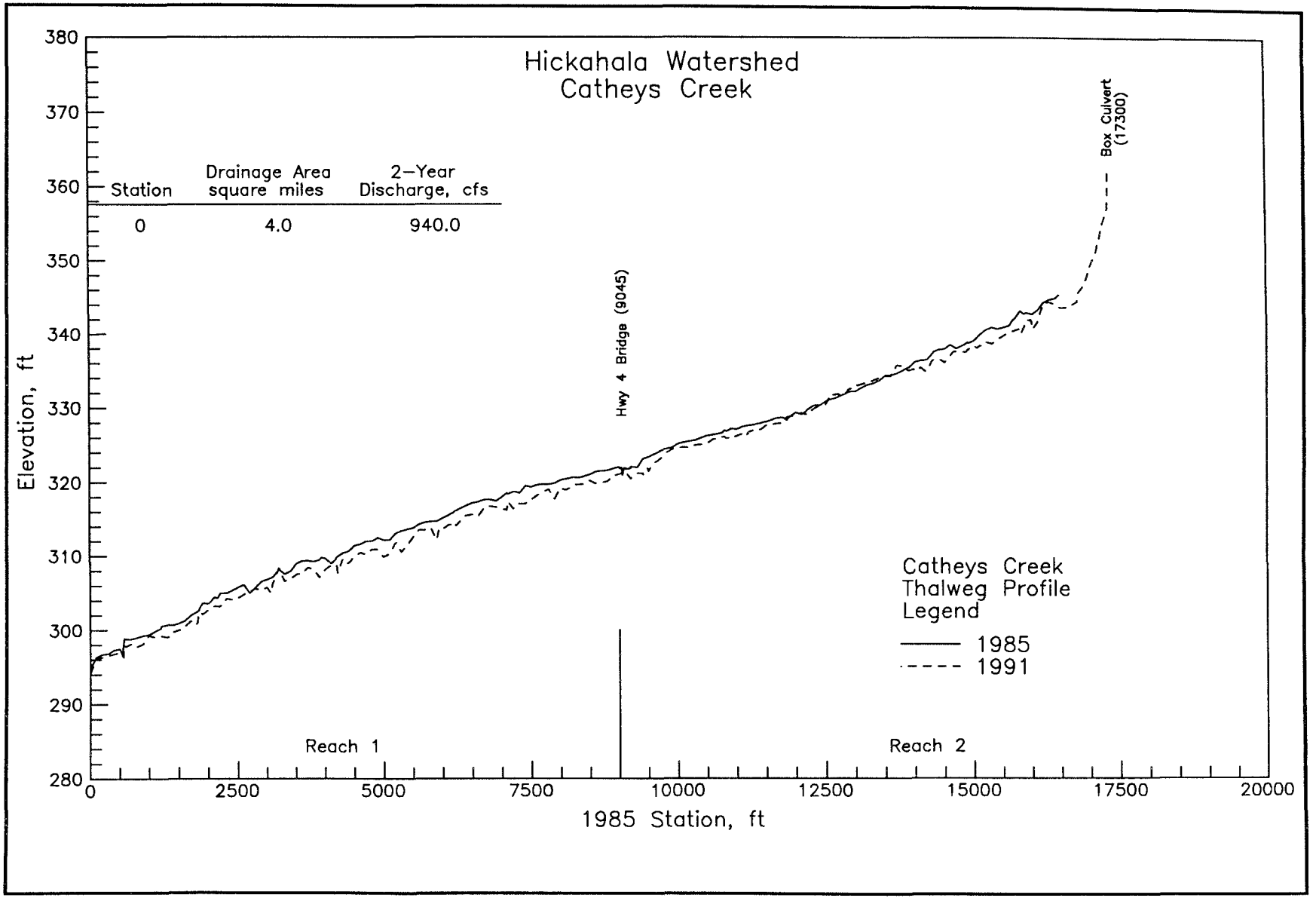

Hickahala Watershed
Beards Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
10.9
1960.0
Elevation, ft
400
390
380
370
360
350
340
330
320
310
300
Reach 2
20000
22500
25000
27500
30000
32500
35000
37500
40000
1985 Station, ft
Beards Creek (2 of 2)
Thalweg Profile
Legend
1985
1991

PLATE A11

PLATE A12


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
Elevation, ft
1985 Station, ft
380
370
360
350
340
330
320
310
300
290
280
0
2500
5000
7500
10000
12500
15000
17500
20000

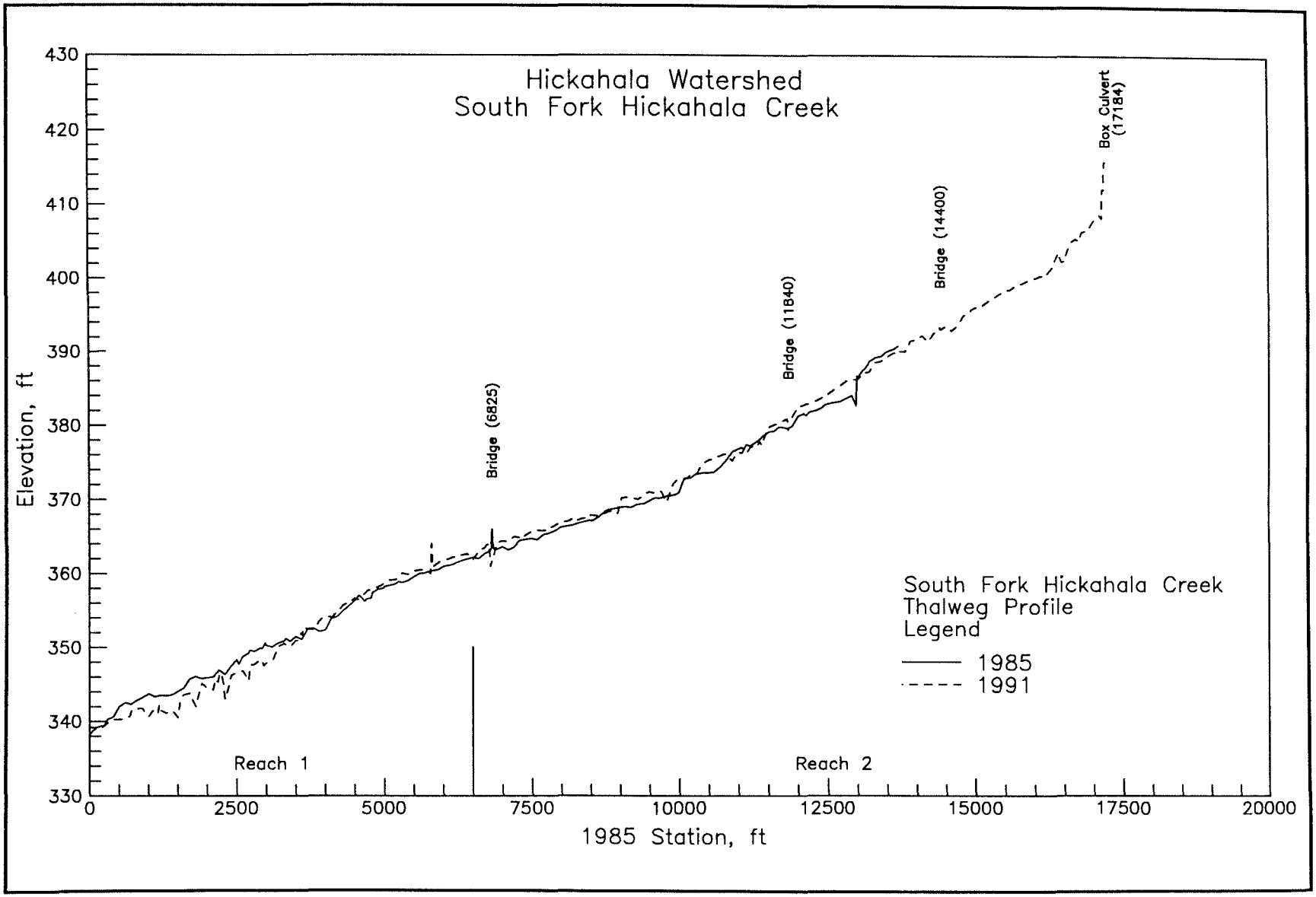
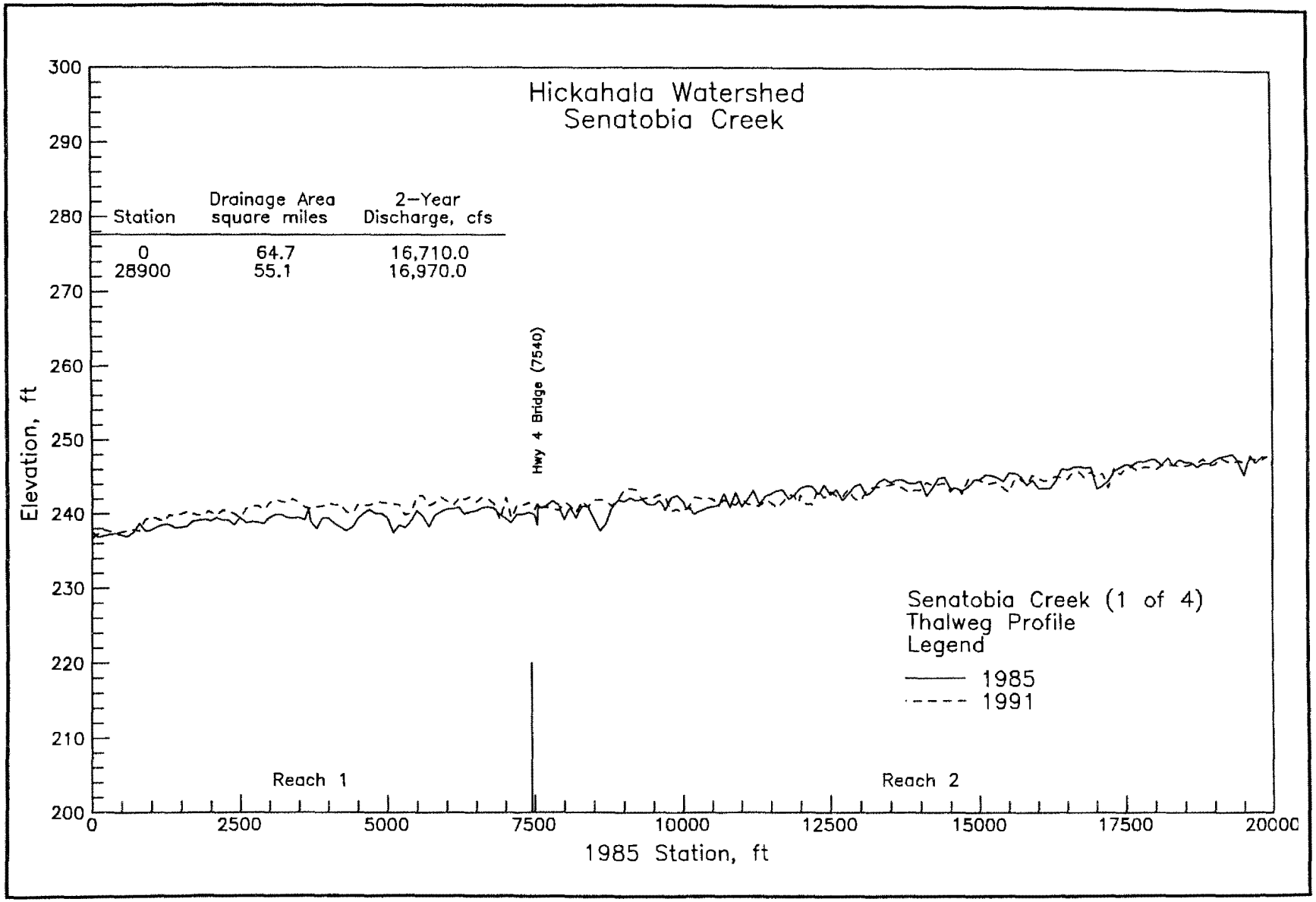

Hickahala Watershed
South Fork Hickahala Creek
Elevation, ft
1985 Station, ft
Bridge (6825)
Bridge (11840)
Bridge (14400)
Box Culvert (17184)
Reach 1
Reach 2
South Fork Hickahala Creek
Thalweg Profile
Legend
1985
1991
430
420
410
400
390
380
370
360
350
340
330
0
2500
5000
7500
10000
12500
15000
17500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

PLATE A13

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
Hwy 4 Bridge (7540)
Elevation, ft
1985 Station, ft
Reach 1
Reach 2
Senatobia Creek (1 of 4)
Thalweg Profile
Legend
1985
1991
300
290
280
270
260
250
240
230
220
210
200
0
2500
5000
7500
10000
12500
15000
17500
20000

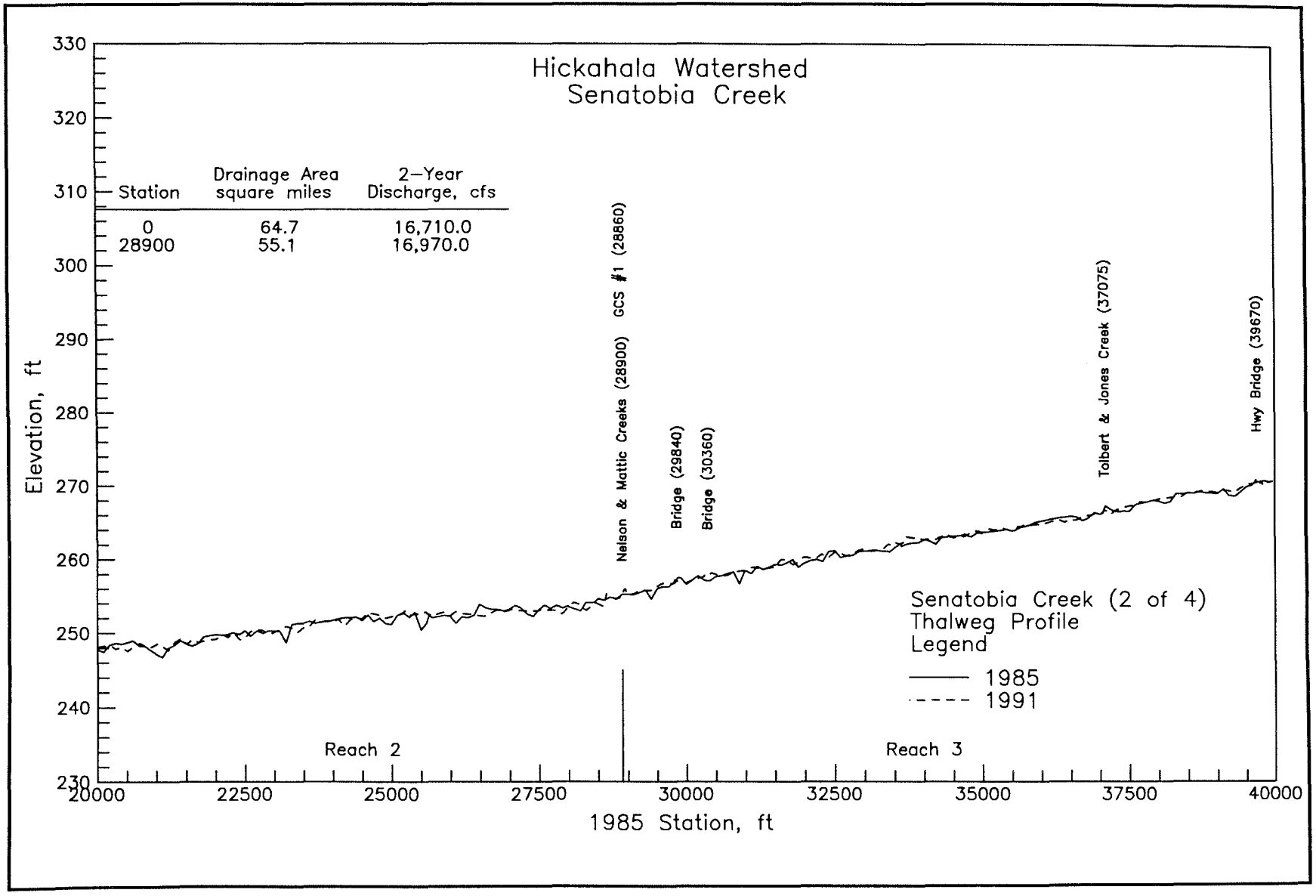
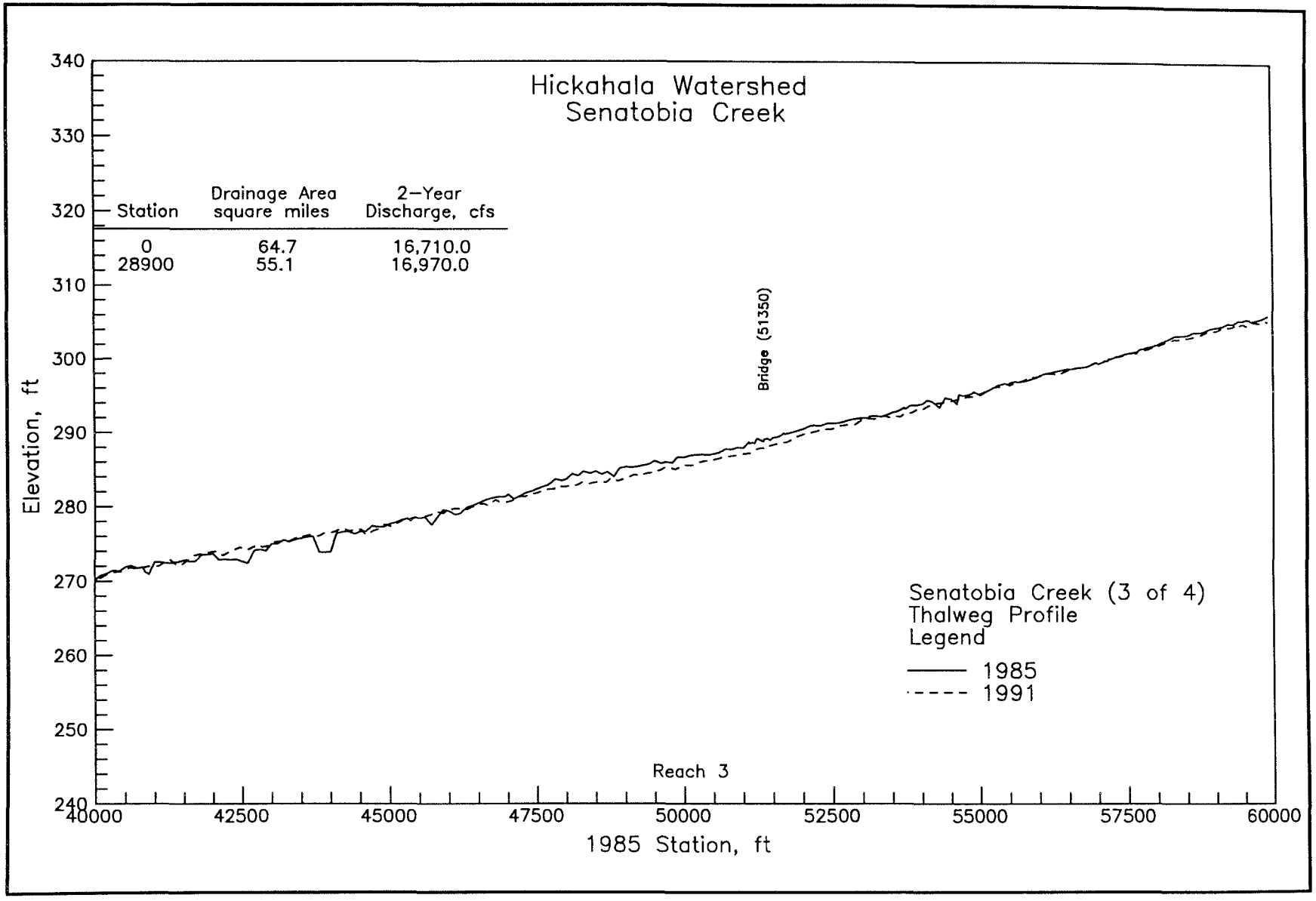

Hickahala Watershed
Senatobia Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
64.7
16,710.0
28900
55.1
16,970.0
Nelson & Mattic Creeks (28900)
GCS #1 (28860)
Bridge (29840)
Bridge (30360)
Talbert & Jones Creek (37075)
Hwy Bridge (39670)
Elevation, ft
330
320
310
300
290
280
270
260
250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

PLATE A15

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 (51350)
Elevation, ft
340
330
320
310
300
290
280
270
260
250
240
Reach 3
40000
42500
45000
47500
50000
52500
55000
57500
60000
1985 Station, ft
Senatobia Creek (3 of 4)
Thalweg Profile
Legend
1985
1991

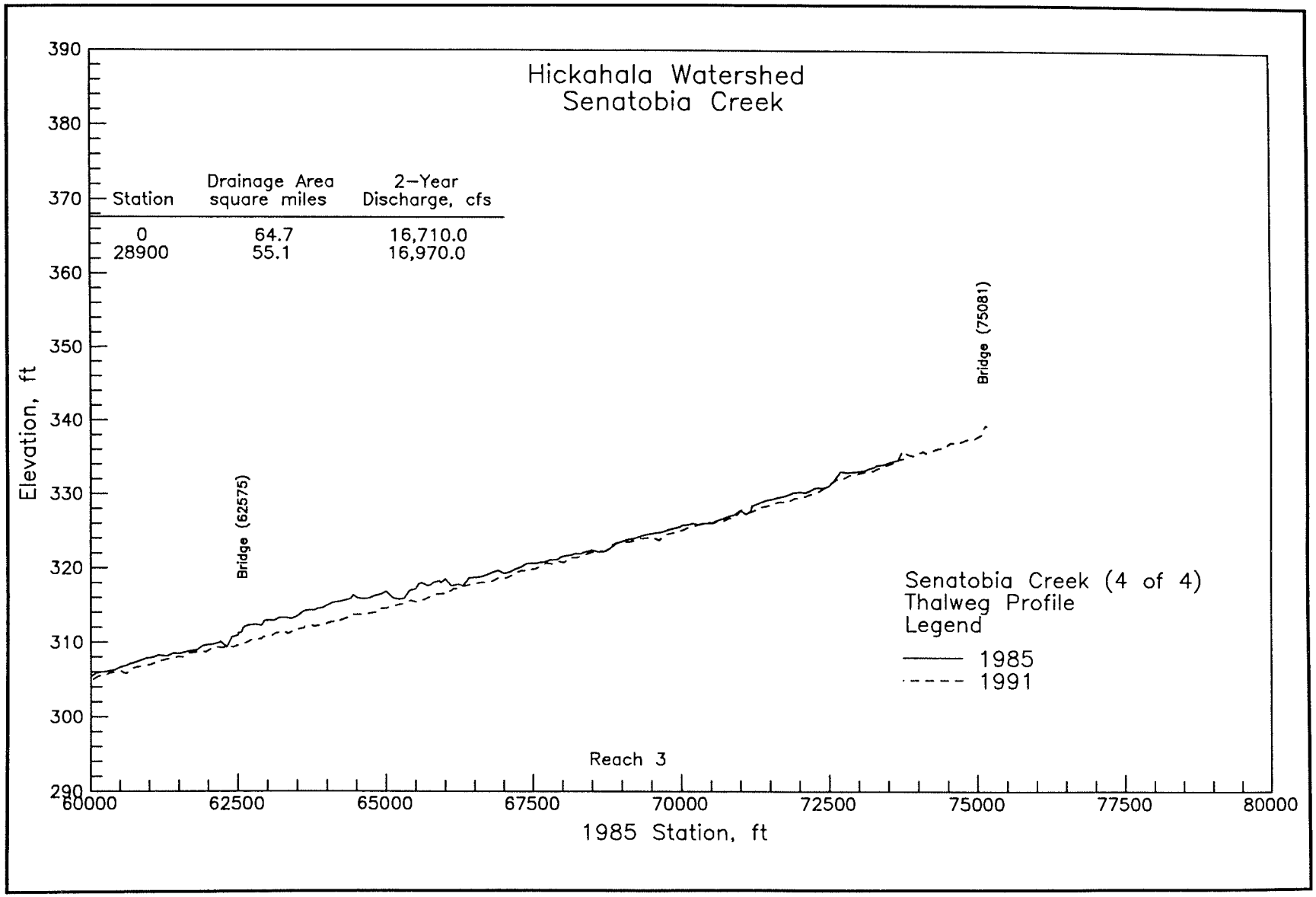
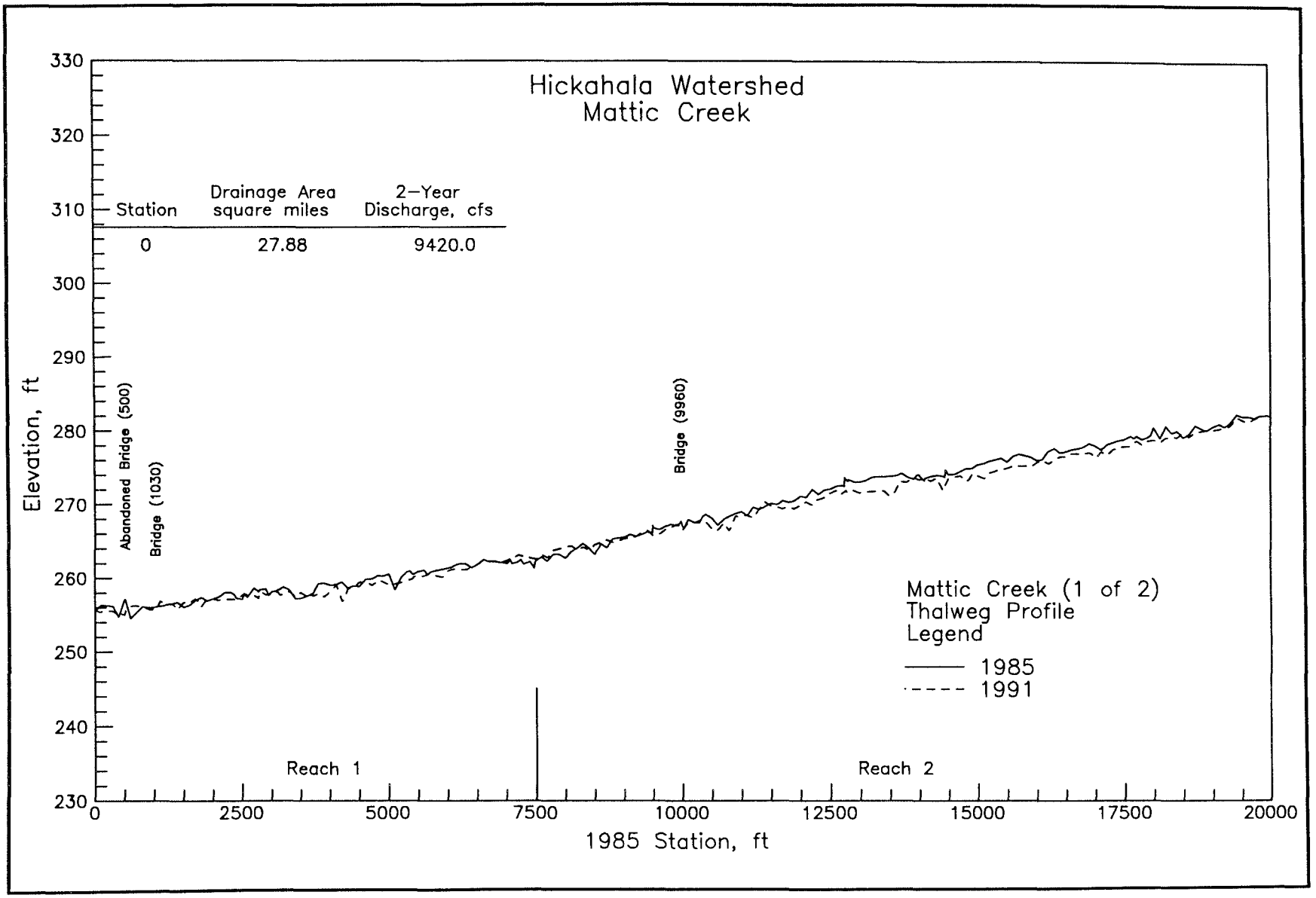

Hickahala Watershed
Senatobia Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
64.7
16,710.0
28900
55.1
16,970.0
Bridge (62575)
Bridge (75081)
Senatobia Creek (4 of 4)
Thalweg Profile
Legend
1985
1991
Reach 3
Elevation, ft
1985 Station, ft
390
380
370
360
350
340
330
320
310
300
290
60000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

PLATE A17

PLATE A18


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)
Elevation, ft
330
320
310
300
290
280
270
260
250
240
230
0
2500
5000
7500
10000
12500
15000
17500
20000
1985 Station, ft
Reach 1
Reach 2
Mattic Creek (1 of 2)
Thalweg Profile
Legend
1985
1991

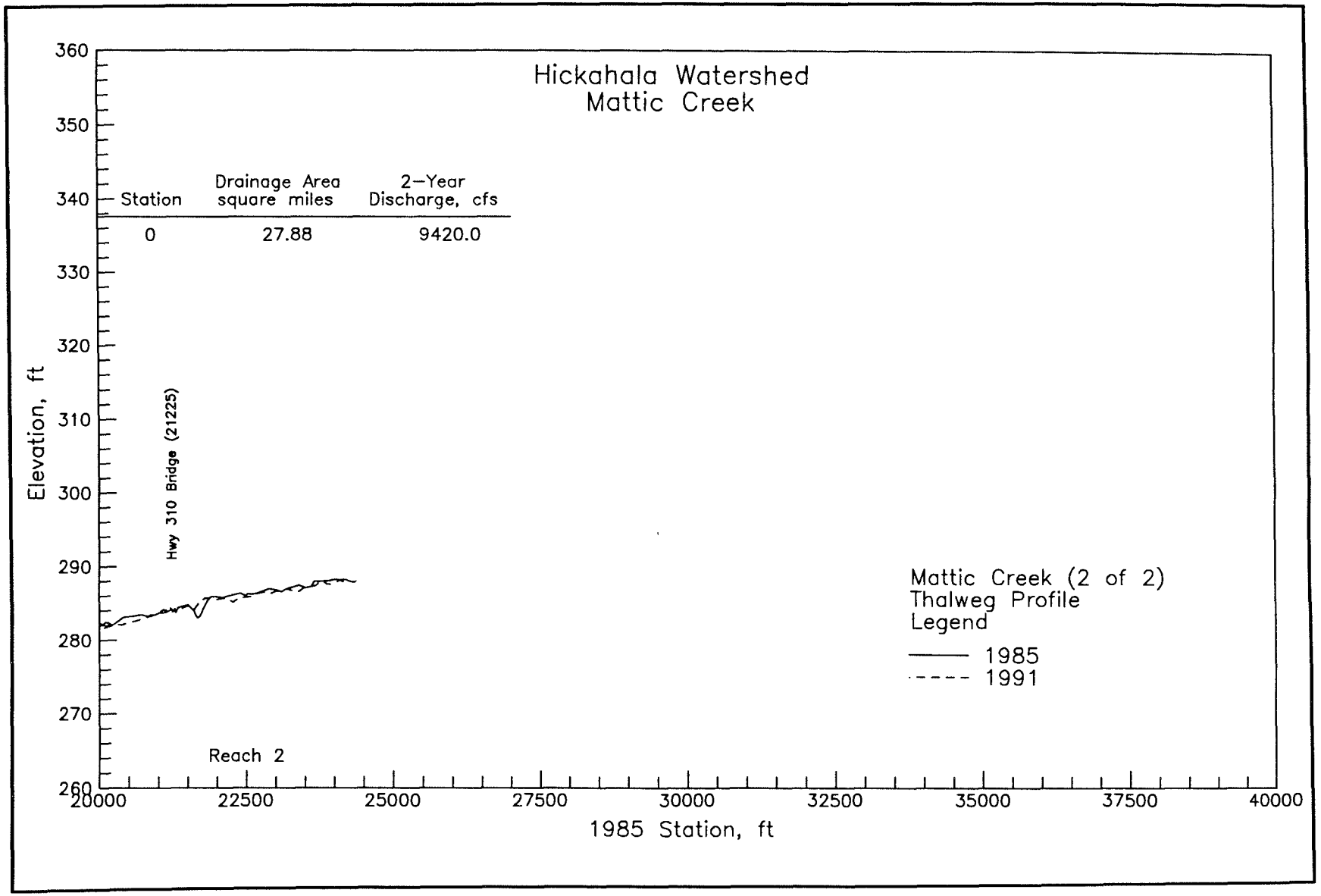
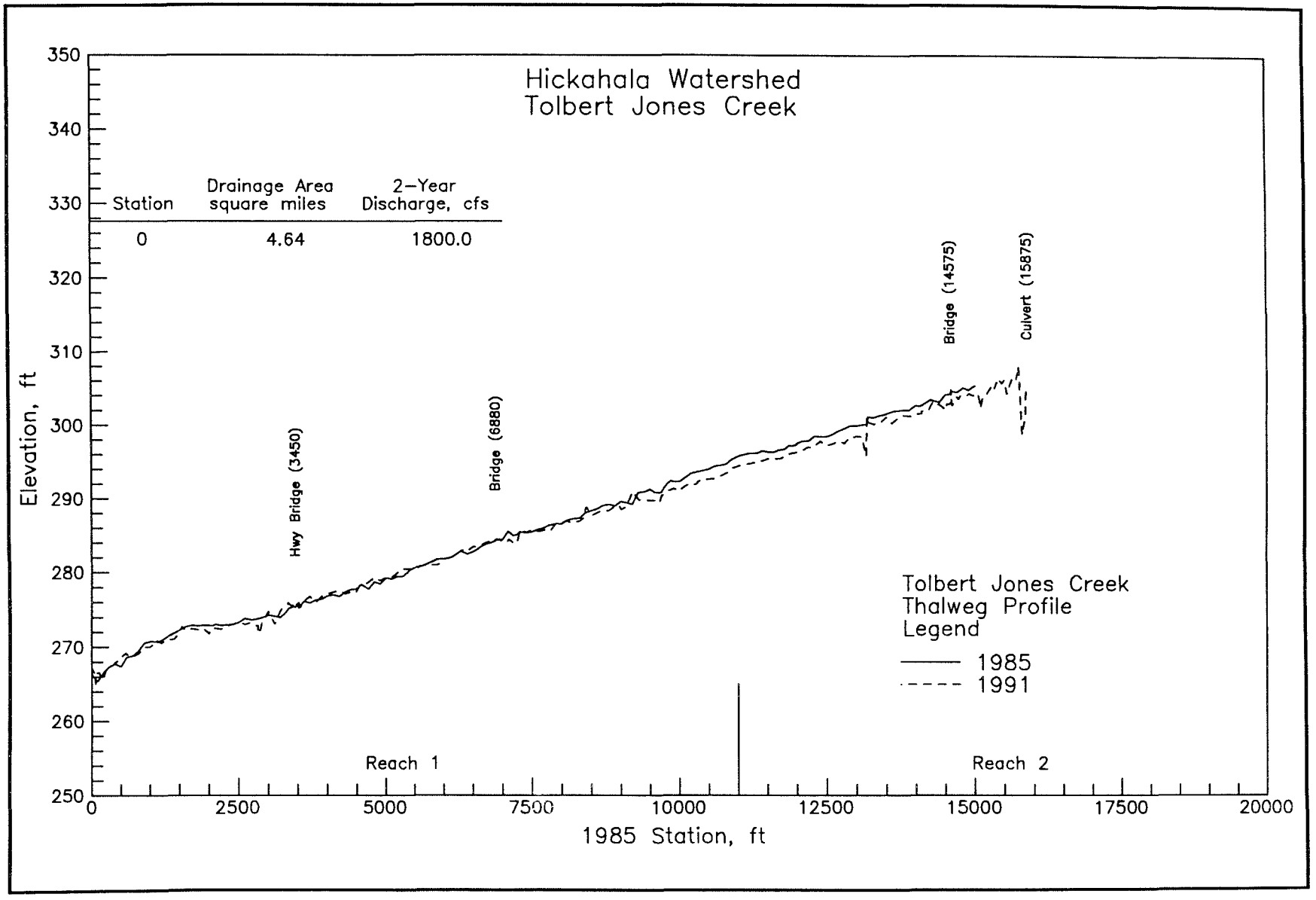

Hickahala Watershed
Mattic Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
27.88
9420.0
Hwy 310 Bridge (21225)
Reach 2
Elevation, ft
1985 Station, ft
360
350
340
330
320
310
300
290
280
270
260
20000
22500
25000
27500
30000
32500
35000
37500
40000
Mattic Creek (2 of 2)
Thalweg Profile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

PLATE A19

PLATE A20


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)
Elevation, ft
1985 Station, ft
Reach 1
Reach 2
Tolbert Jones Creek
Thalweg Profile
Legend
1985
1991

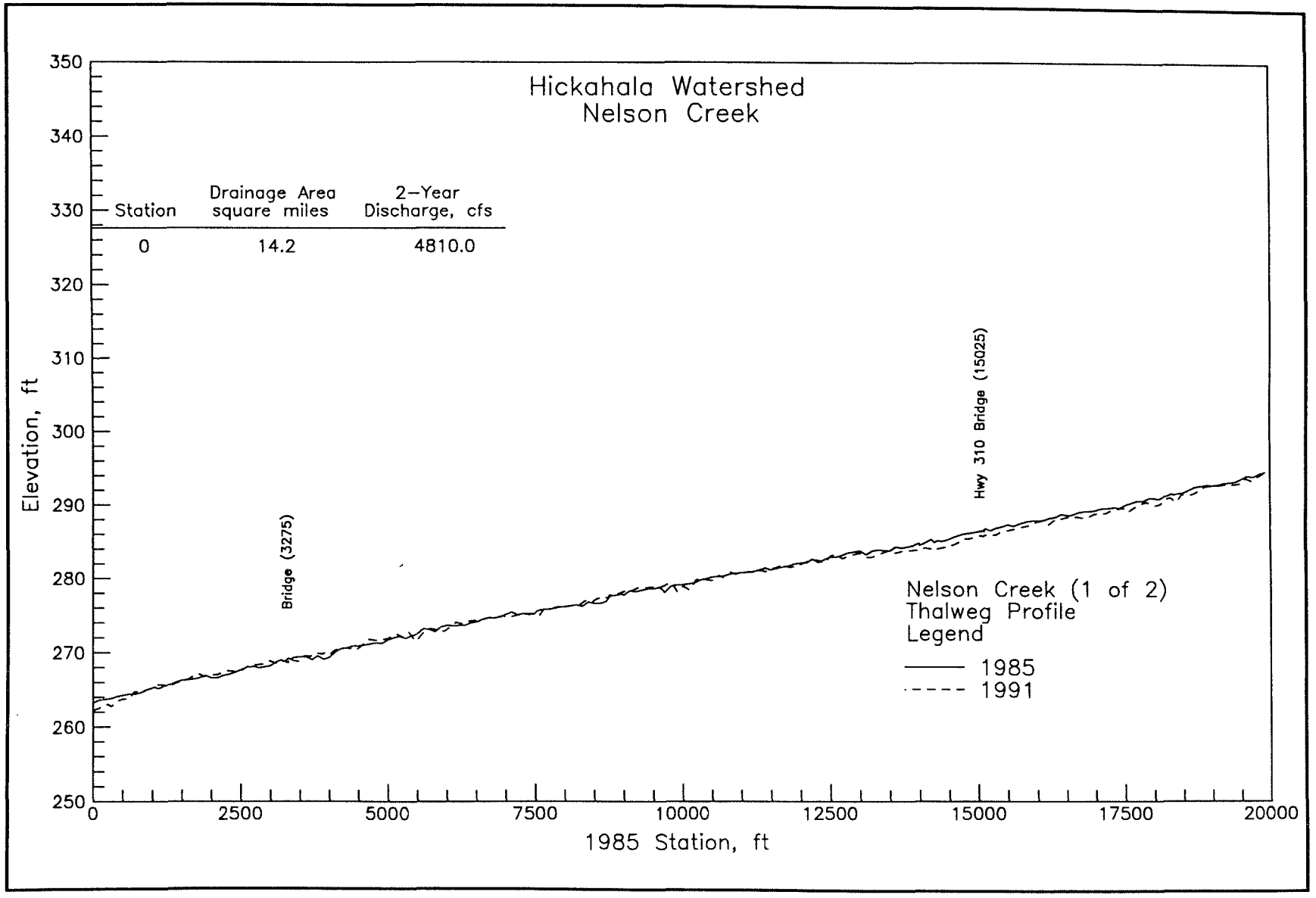
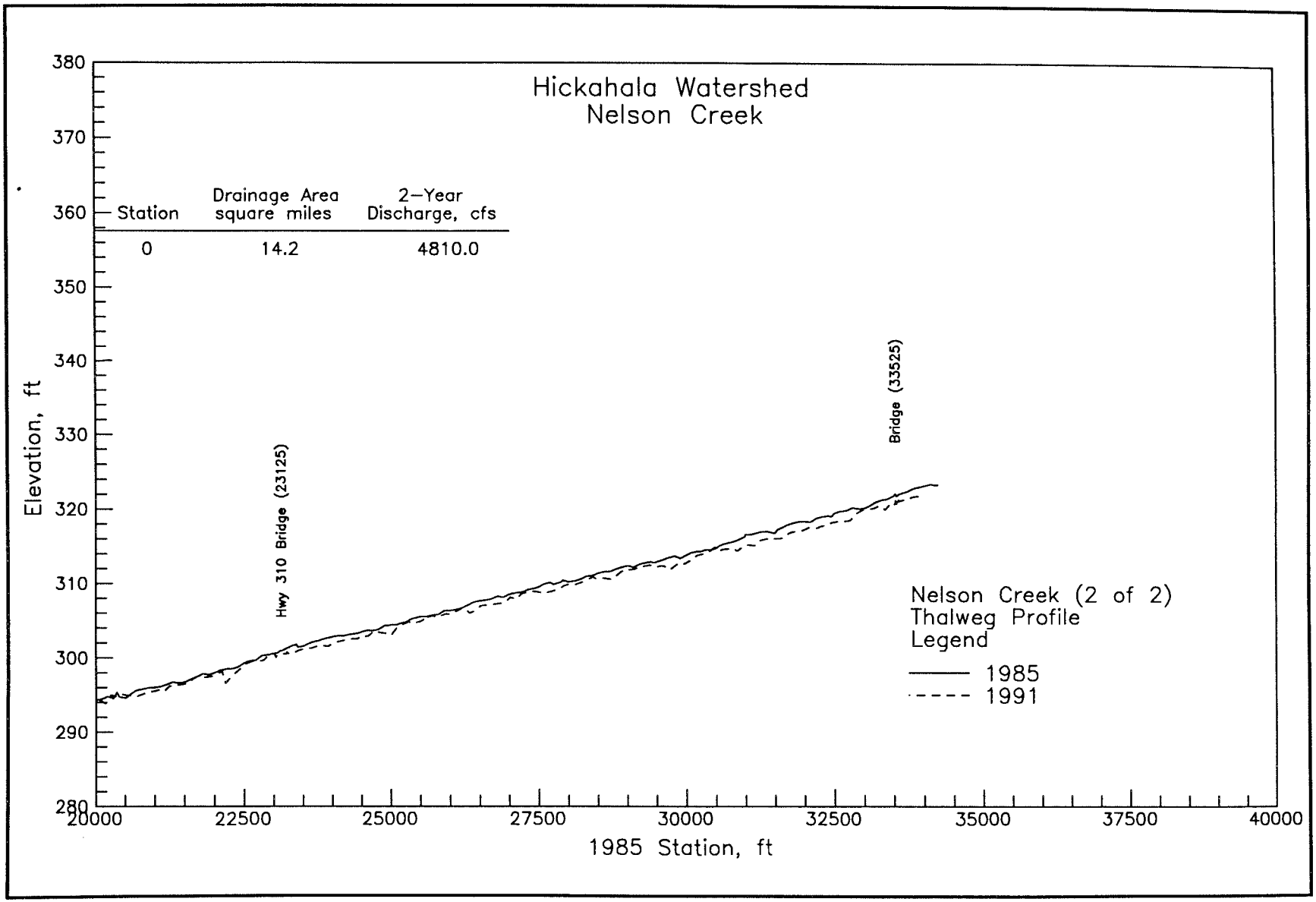

Hickahala Watershed
Nelson Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
14.2
4810.0
Elevation, ft
350
340
330
320
310
300
290
280
270
260
250
Bridge (3275)
Hwy 310 Bridge (15025)
Nelson Creek (1 of 2)
Thalweg Profile
Legend
1985
1991
0
2500
5000
7500
10000
12500
15000
17500
20000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

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

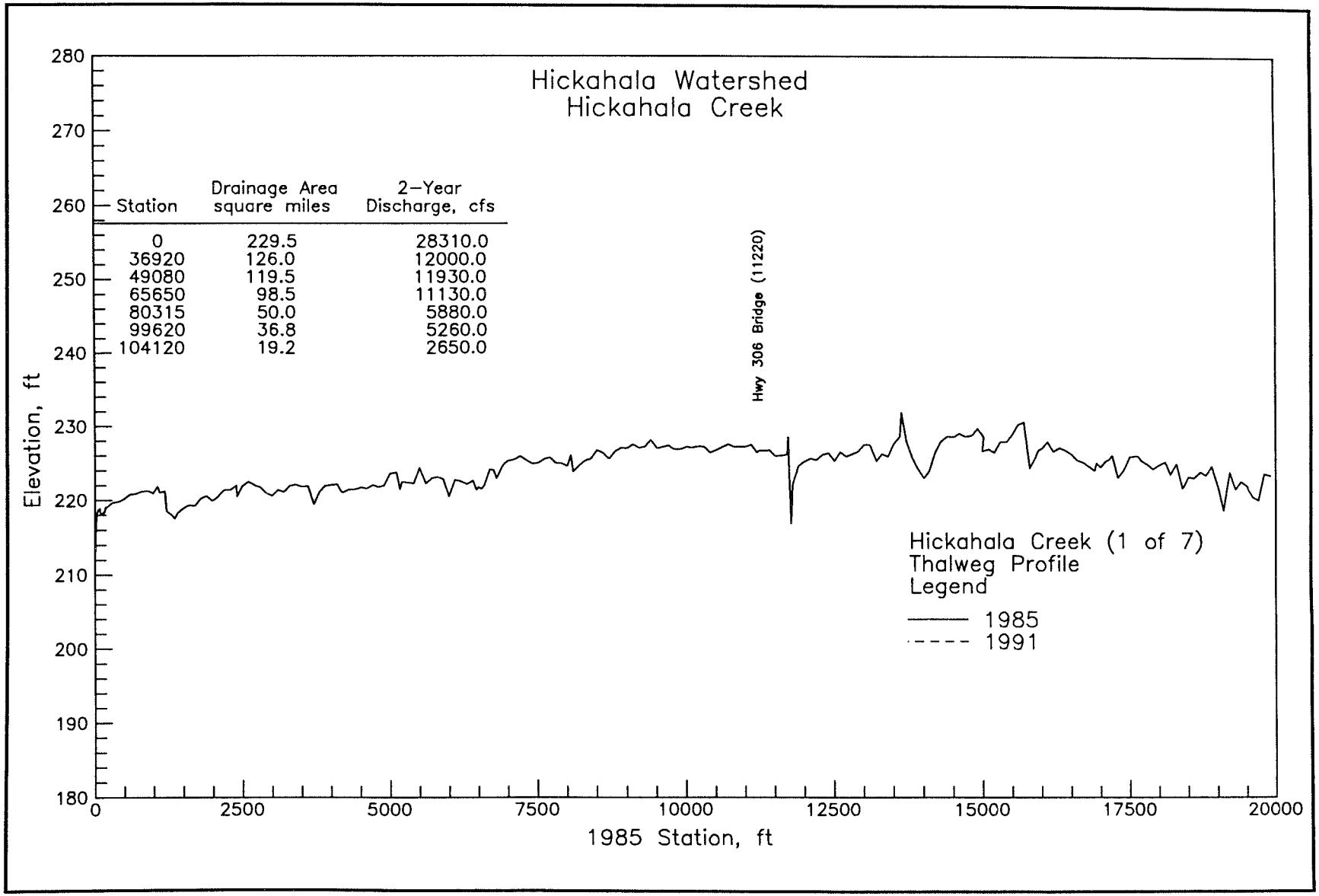
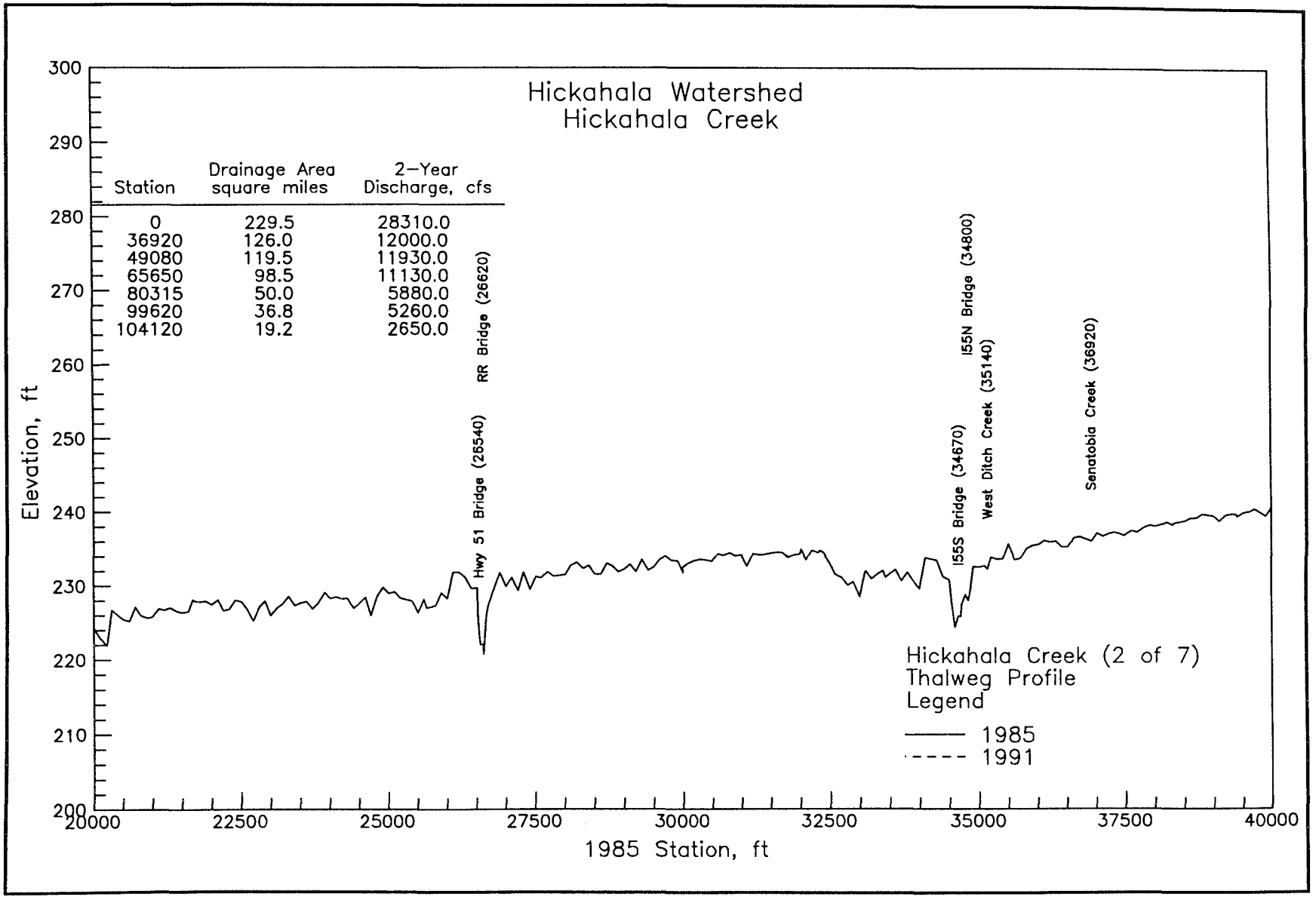

Hickahala Watershed
Hickahala Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 229.5 28310.0
36920 126.0 12000.0
49080 119.5 11930.0
65650 98.5 11130.0
80315 50.0 5880.0
99620 36.8 5260.0
104120 19.2 2650.0
Hwy 306 Bridge (11220)
Elevation, ft
280
270
260
250
240
230
220
210
200
190
180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

PLATE A23

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
Hwy 51 Bridge (26540)
RR Bridge (26620)
I55S Bridge (34670)
West Ditch Creek (35140)
I55N Bridge (34800)
Senatobia Creek (36920)
Elevation, ft
1985 Station, ft
Hickahala Creek (2 of 7)
Thalweg Profile
Legend
1985
1991

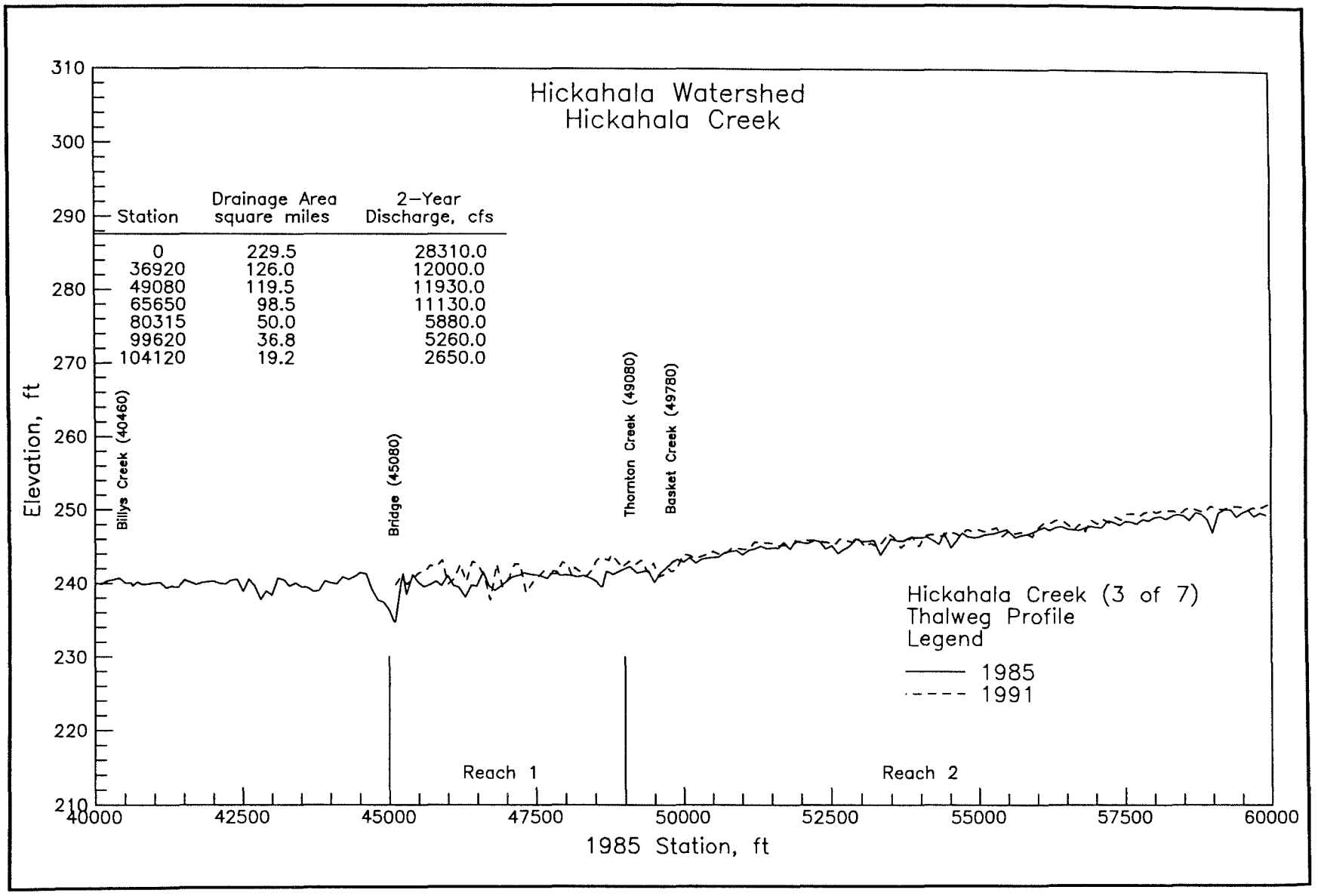
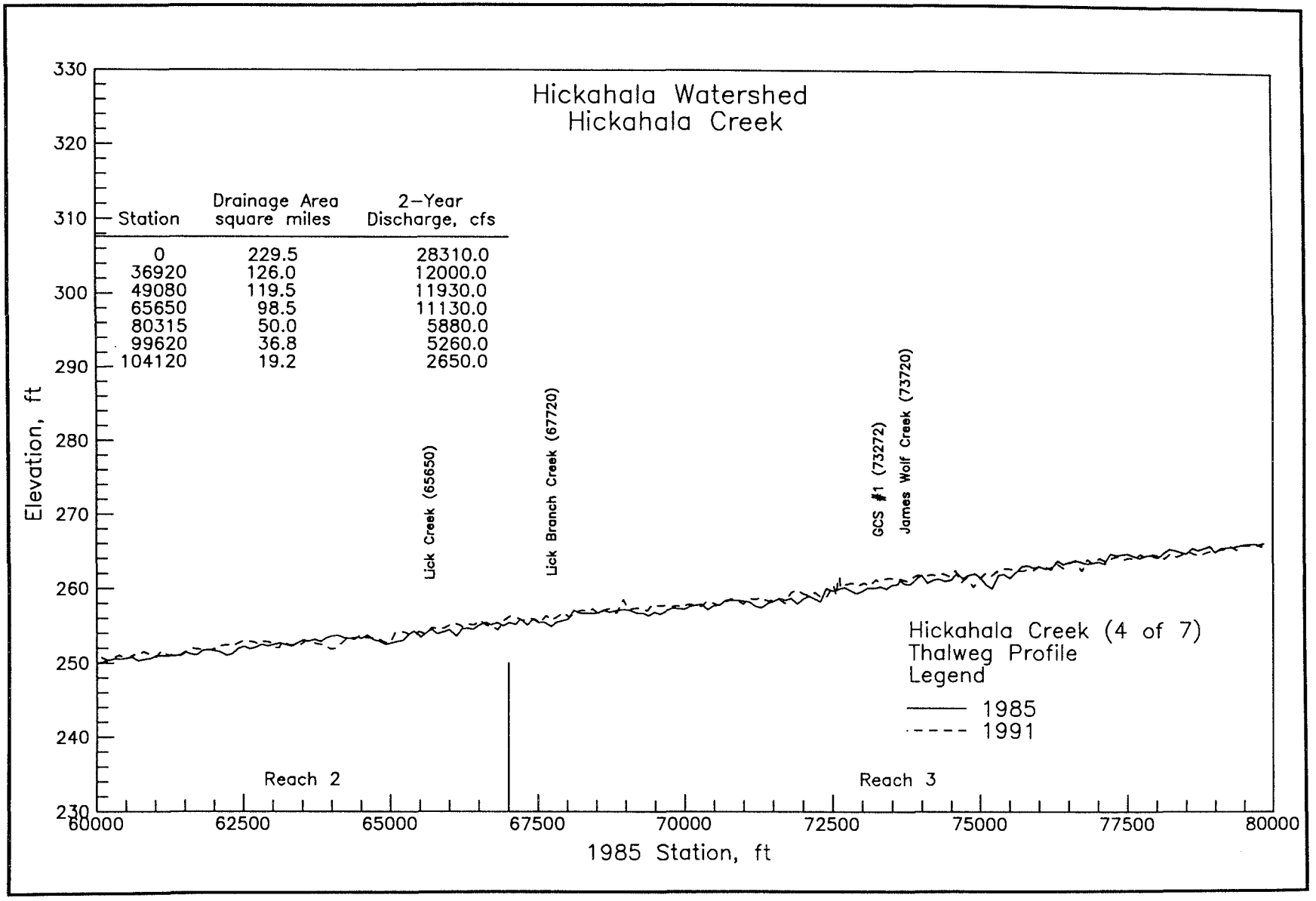

Hickahala Watershed
Hickahala Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 229.5 28310.0
36920 126.0 12000.0
49080 119.5 11930.0
65650 98.5 11130.0
80315 50.0 5880.0
99620 36.8 5260.0
104120 19.2 2650.0
Billys Creek (40460)
Bridge (45080)
Thornton Creek (49080)
Basket Creek (49780)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

PLATE A25

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
Lick Creek (65650)
Lick Branch Creek (67720)
GCS #1 (73272)
James Wolf Creek (73720)
Elevation, ft
330
320
310
300
290
280
270
260
250
240
230
Reach 2
Reach 3
60000
62500
65000
67500
70000
72500
75000
77500
80000
1985 Station, ft
Hickahala Creek (4 of 7)
Thalweg Profile
Legend
1985
1991

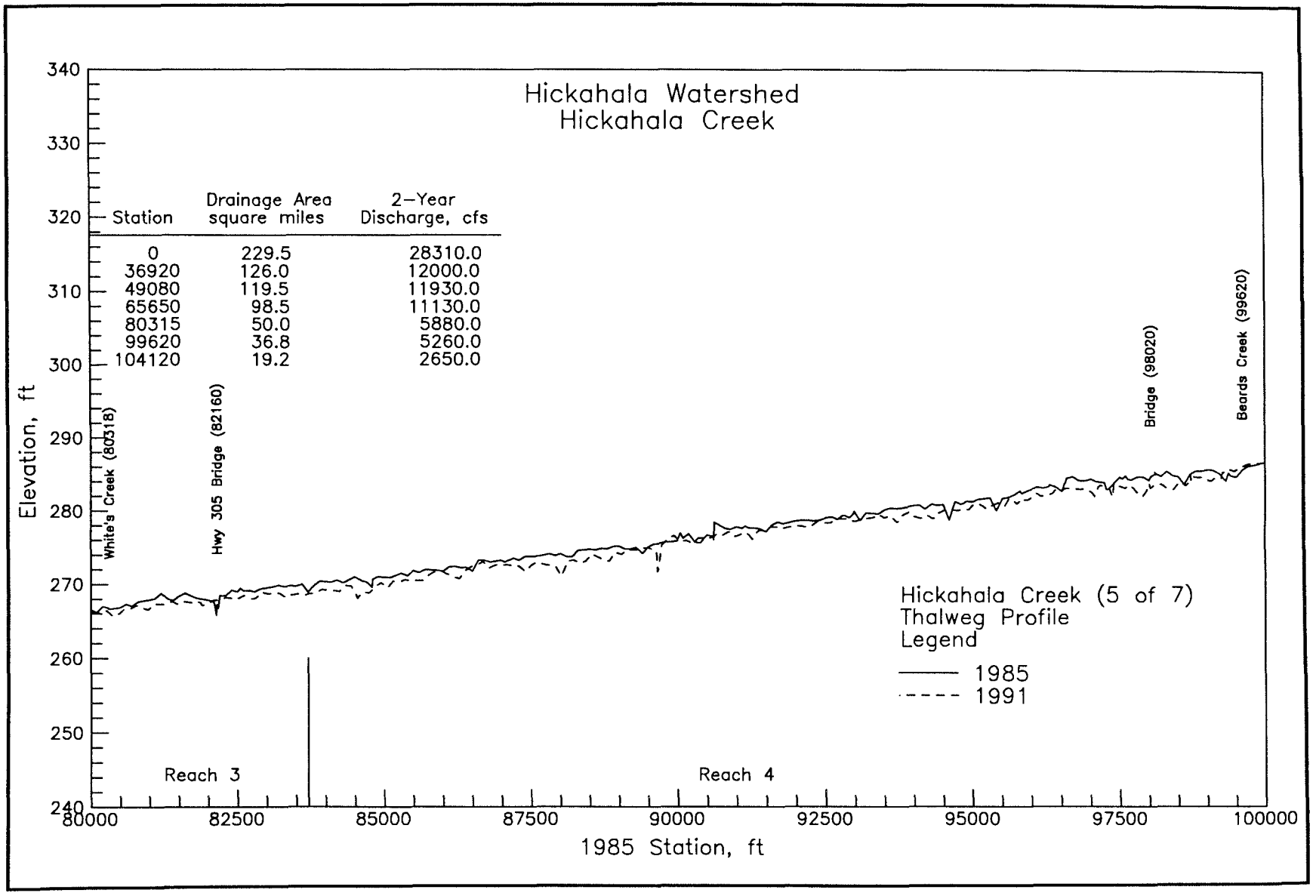
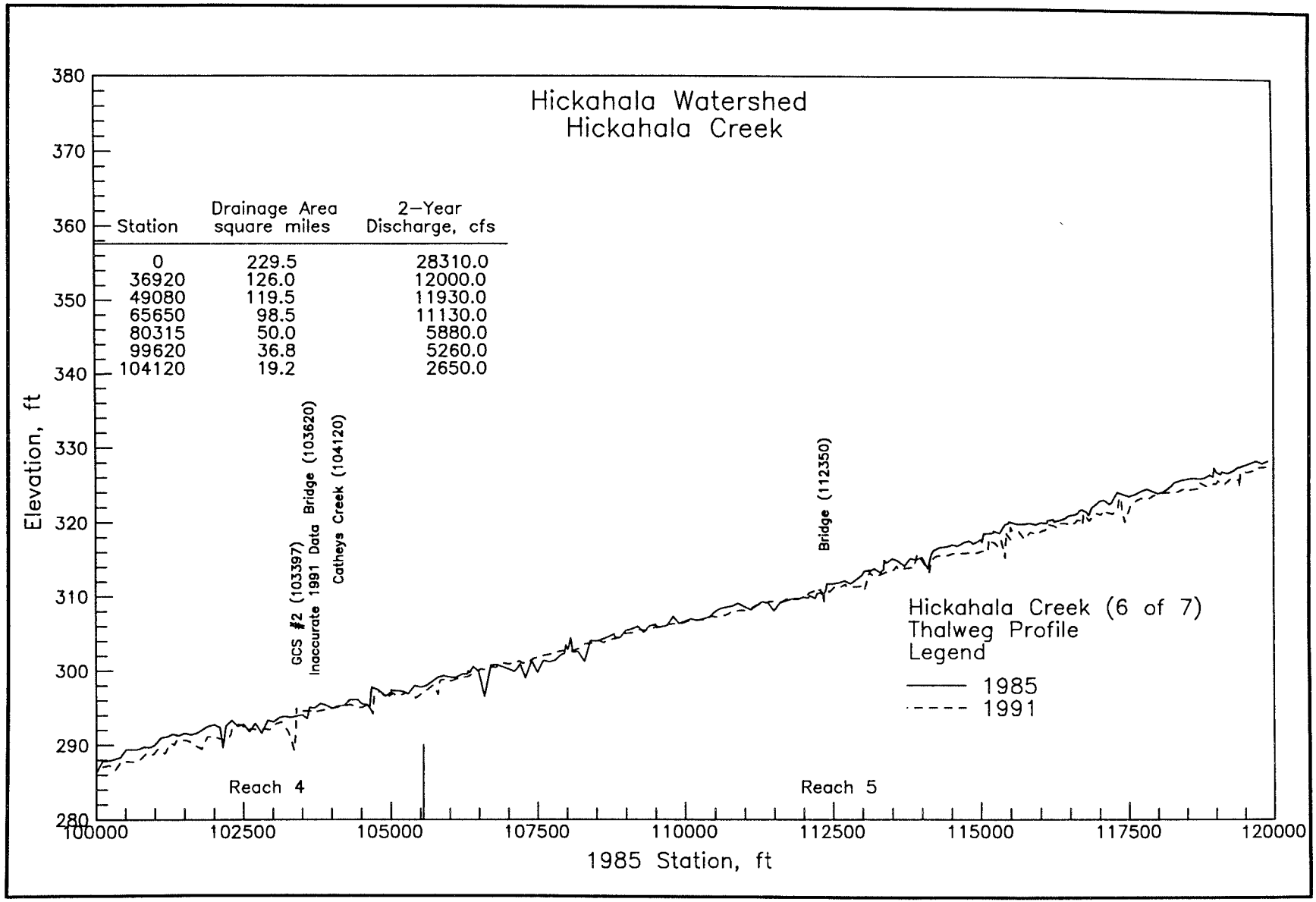

Hickahala Watershed
Hickahala Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 229.5 28310.0
36920 126.0 12000.0
49080 119.5 11930.0
65650 98.5 11130.0
80315 50.0 5880.0
99620 36.8 5260.0
104120 19.2 2650.0
White's Creek (80318)
Hwy 305 Bridge (82160)
Bridge (98020)
Beards Creek (99620)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

PLATE A27

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
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

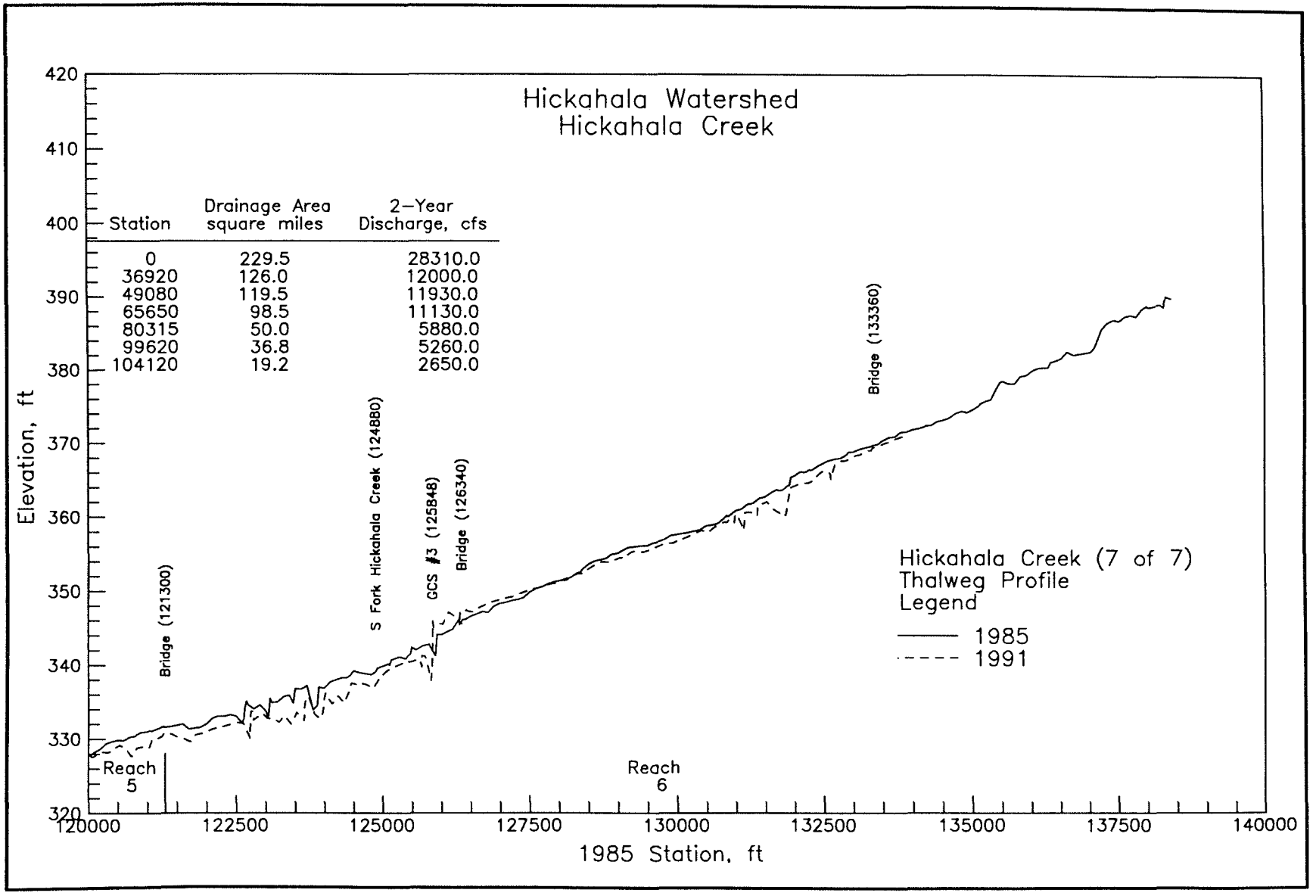
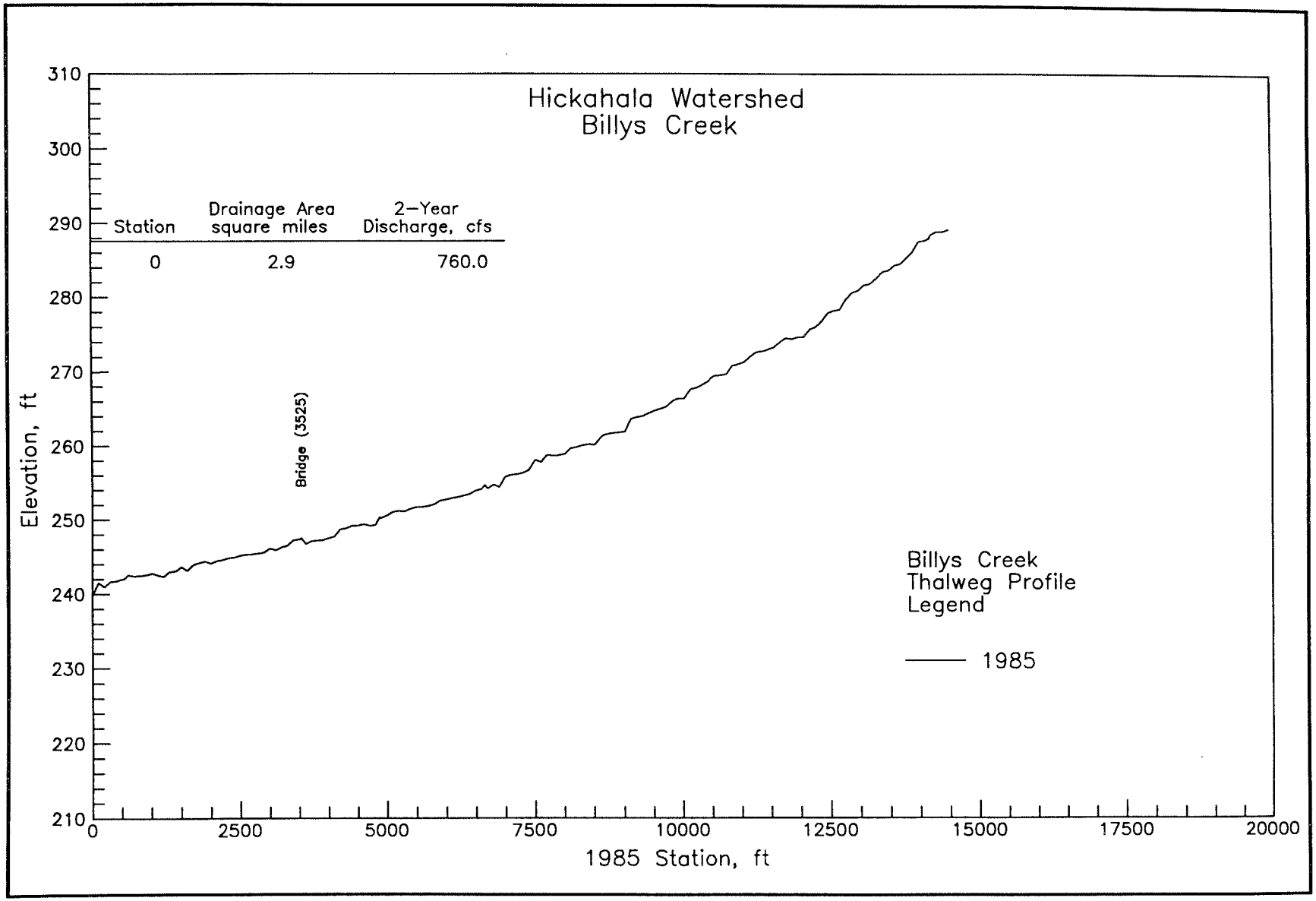

Hickahala Watershed
Hickahala Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0 229.5 28310.0
36920 126.0 12000.0
49080 119.5 11930.0
65650 98.5 11130.0
80315 50.0 5880.0
99620 36.8 5260.0
104120 19.2 2650.0
Bridge (121300)
S Fork Hickahala Creek (124880)
GCS #3 (125848)
Bridge (126340)
Bridge (133360)
Reach 5
Reach 6
Elevation, ft
1985 Station, ft
Hickahala Creek (7 of 7)
Thalweg Profile
Legend
1985
1991

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

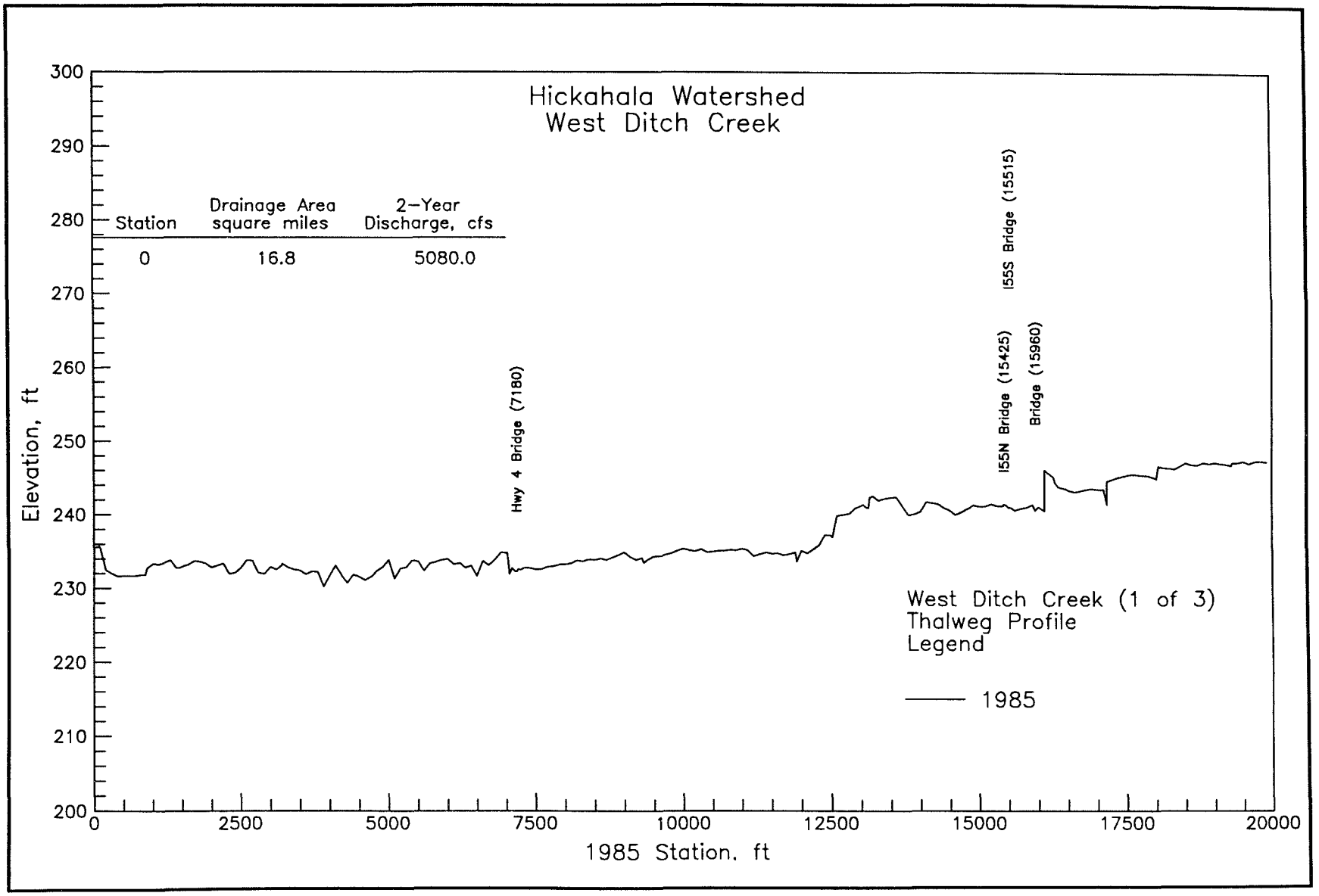
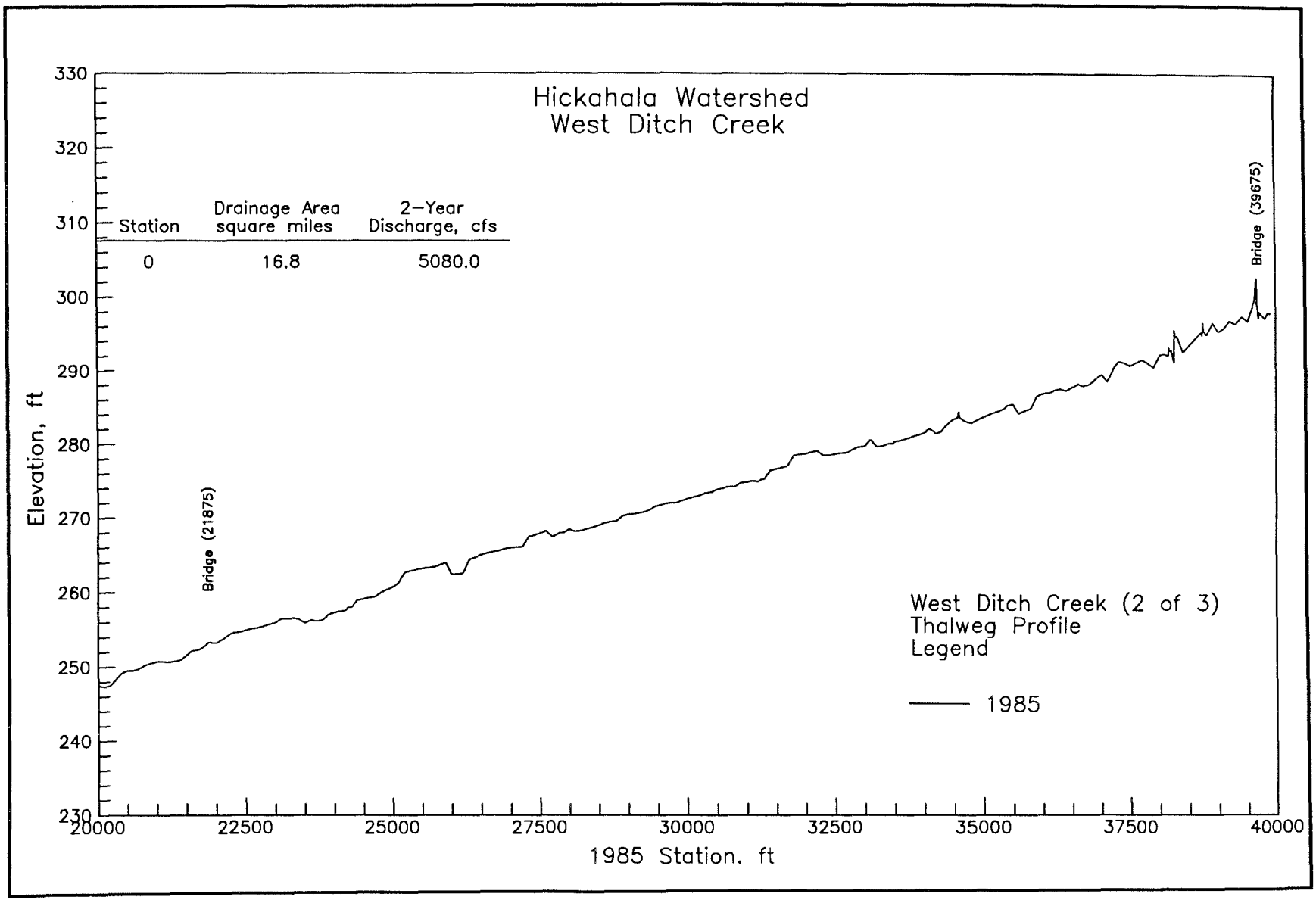

Hickahala Watershed
West Ditch Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
16.8
5080.0
Hwy 4 Bridge (7180)
I55N Bridge (15425)
I55S Bridge (15515)
Bridge (15960)
Elevation, ft
1985 Station, ft
West Ditch Creek (1 of 3)
Thalweg Profile
Legend
1985

PLATE A31

PLATE A32


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
1985 Station, ft
330
320
310
300
290
280
270
260
250
240
230
20000
22500
25000
27500
30000
32500
35000
37500
40000

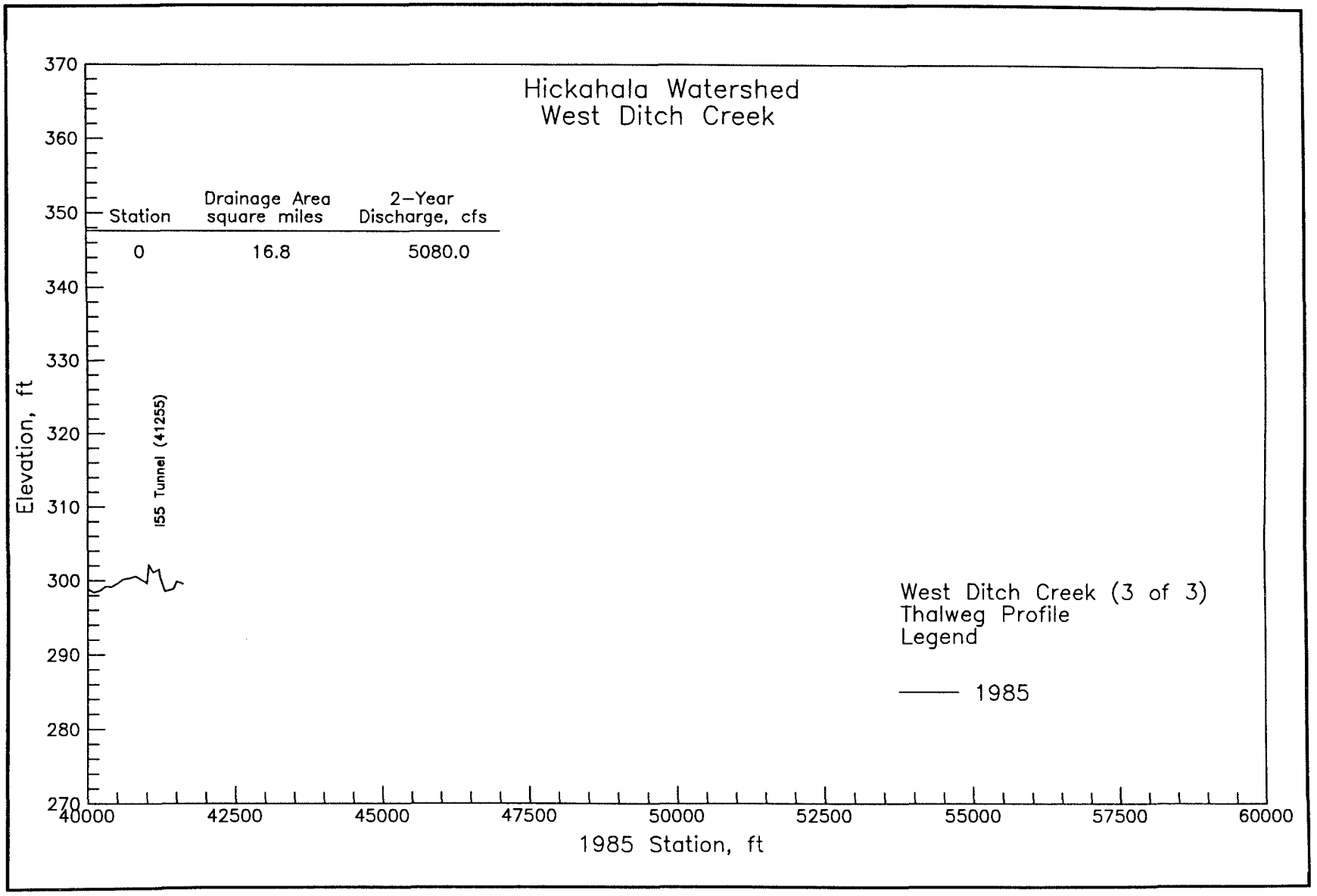
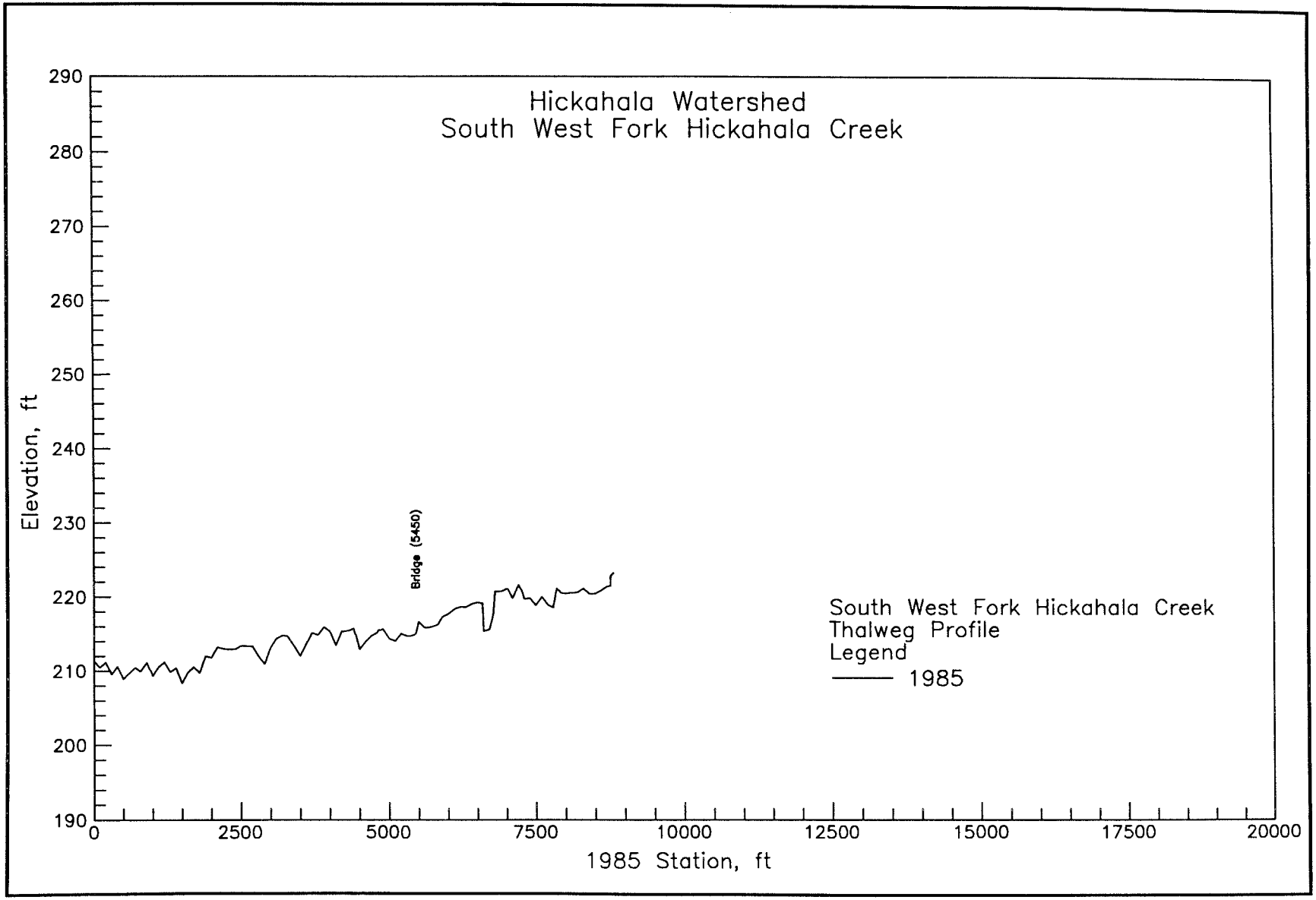

Hickahala Watershed
West Ditch Creek
Station
Drainage Area square miles
2-Year Discharge, cfs
0
16.8
5080.0
155 Tunnel (41255)
Elevation, ft
370
360
350
340
330
320
310
300
290
280
270
40000
42500
45000
47500
50000
52500
55000
57500
60000
1985 Station, ft
West Ditch Creek (3 of 3)
Thalweg Profile
Legend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

PLATE A33

PLATE A34


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

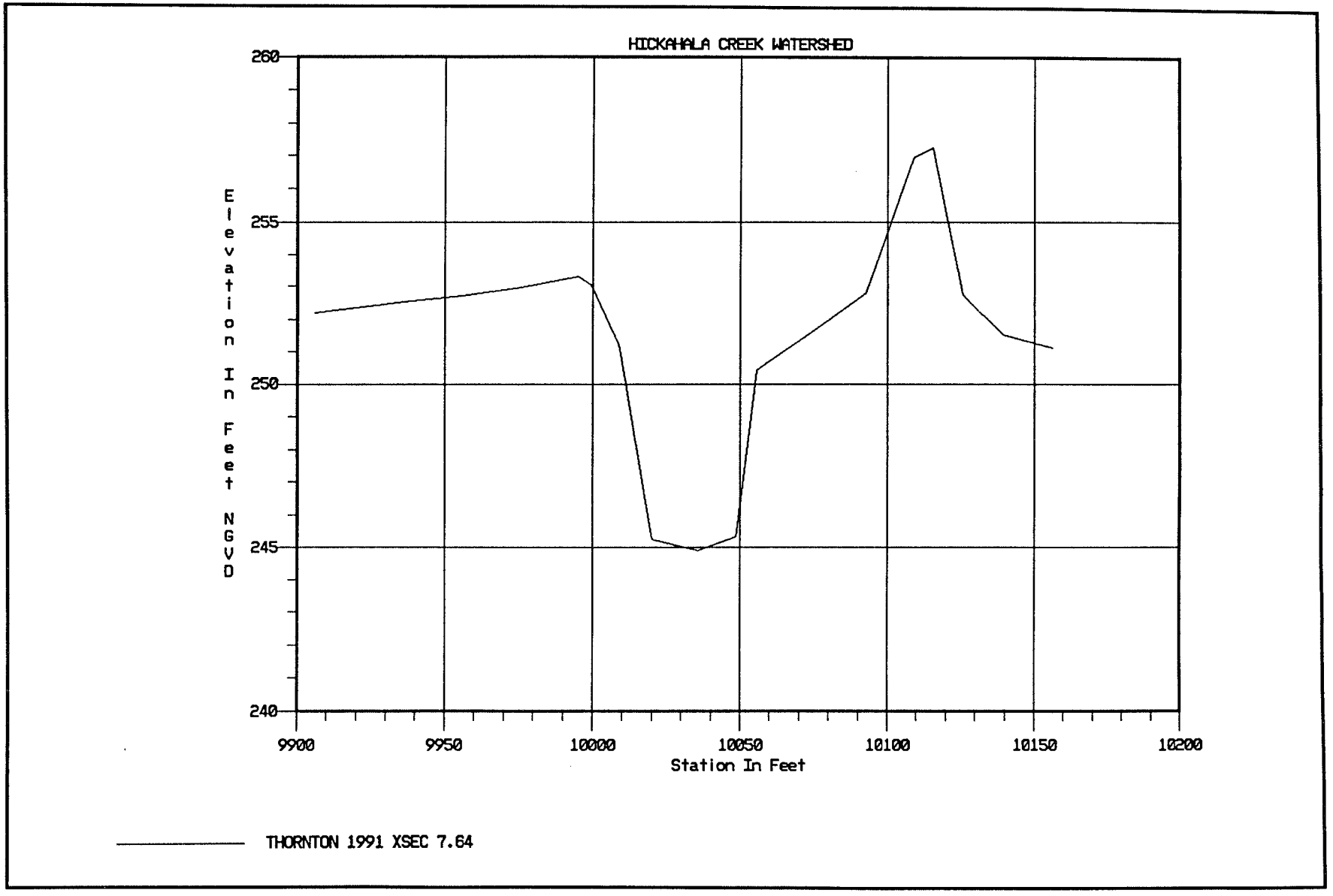
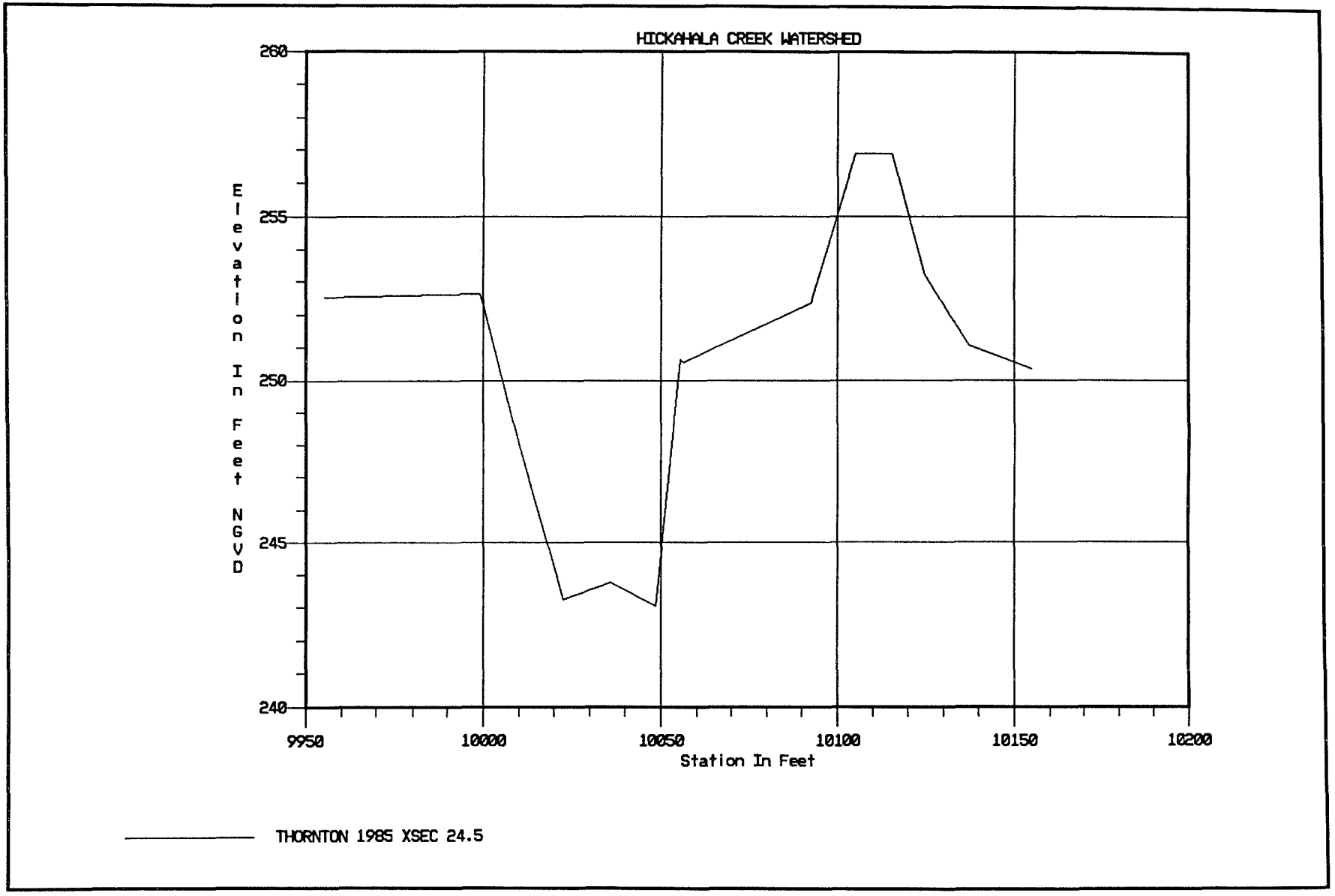

HICKAHALA CREEK WATERSHED
260
255
250
245
240
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
THORNTON 1991 XSEC 7.64

PLATE A35

PLATE A36


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

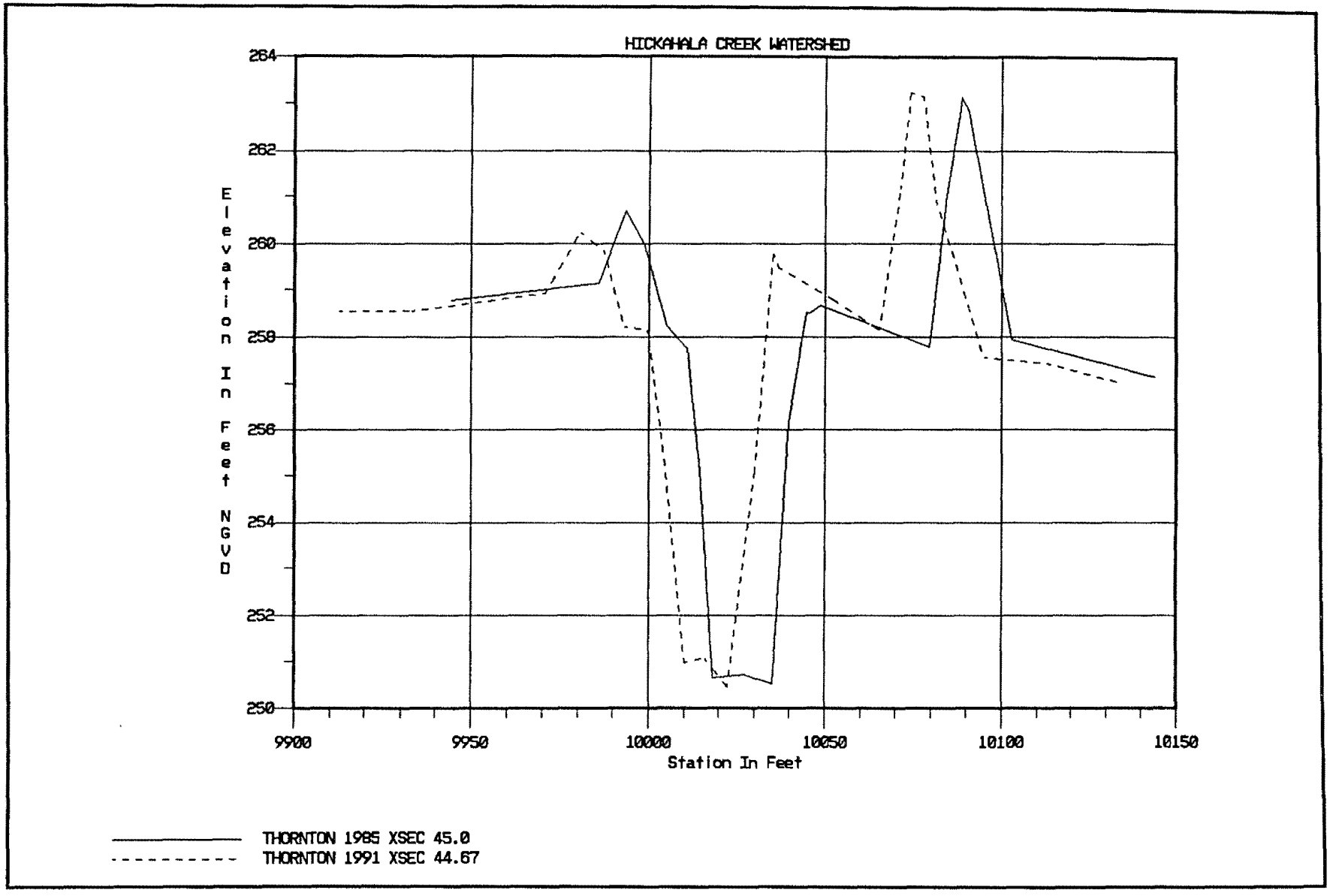
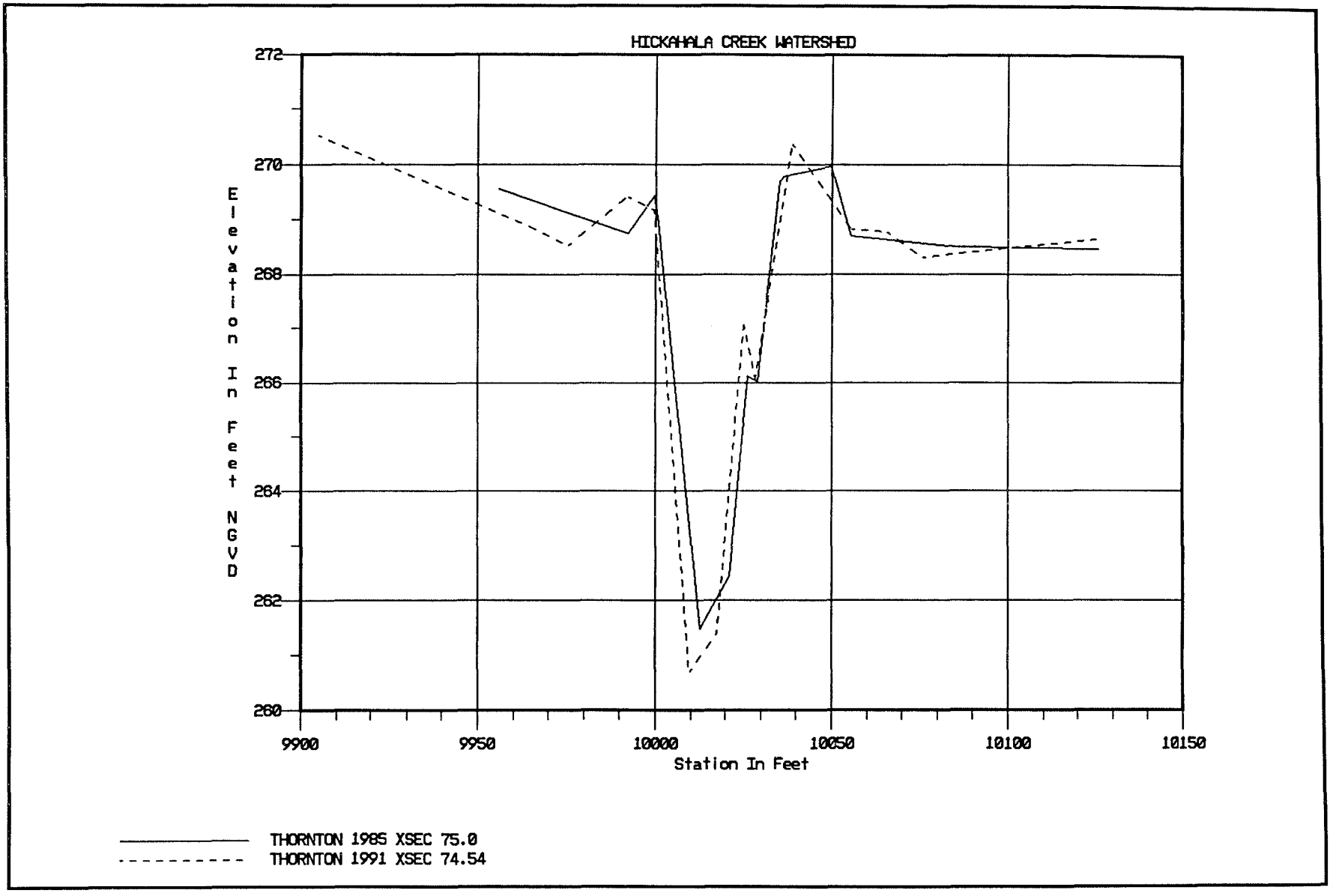

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
264
262
260
258
256
254
252
250
9900
9950
10000
10050
10100
10150
Station In Feet
THORNTON 1985 XSEC 45.0
THORNTON 1991 XSEC 44.67

PLATE A37

PLATE A38


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

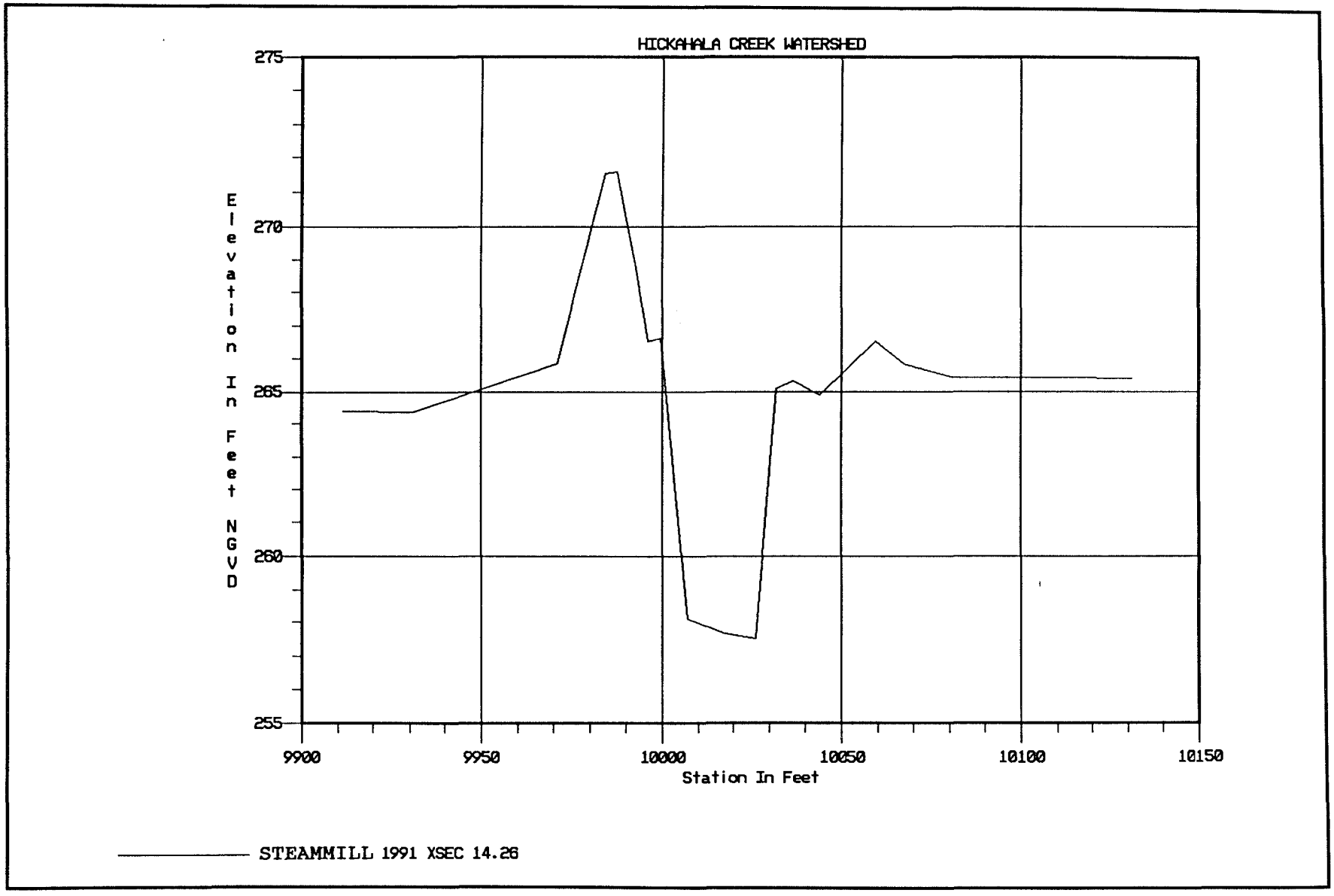
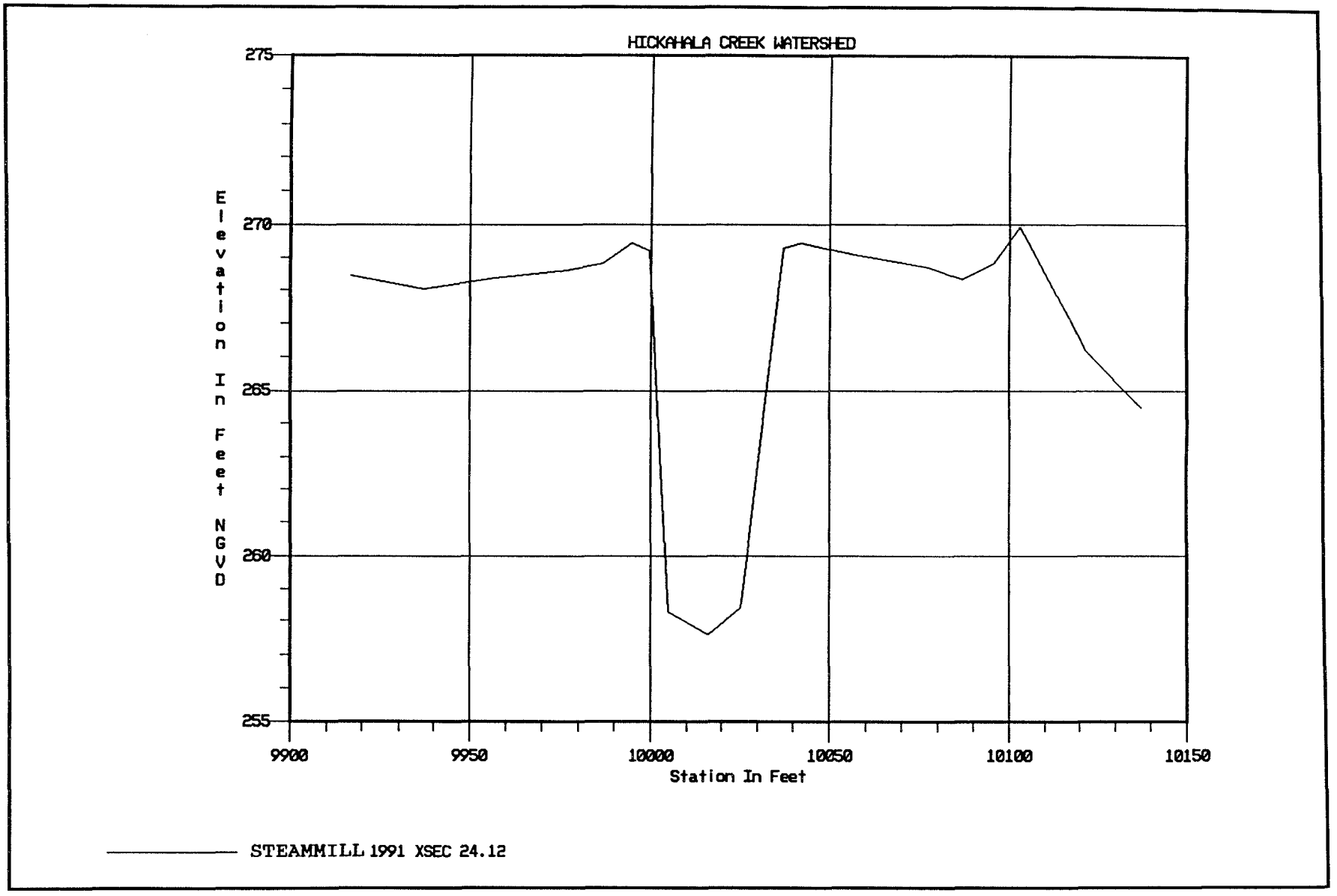

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
275
270
265
260
255
9900
9950
10000
10050
10100
10150
Station In Feet
STEAMMILL 1991 XSEC 14.26

PLATE A39

PLATE A40


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

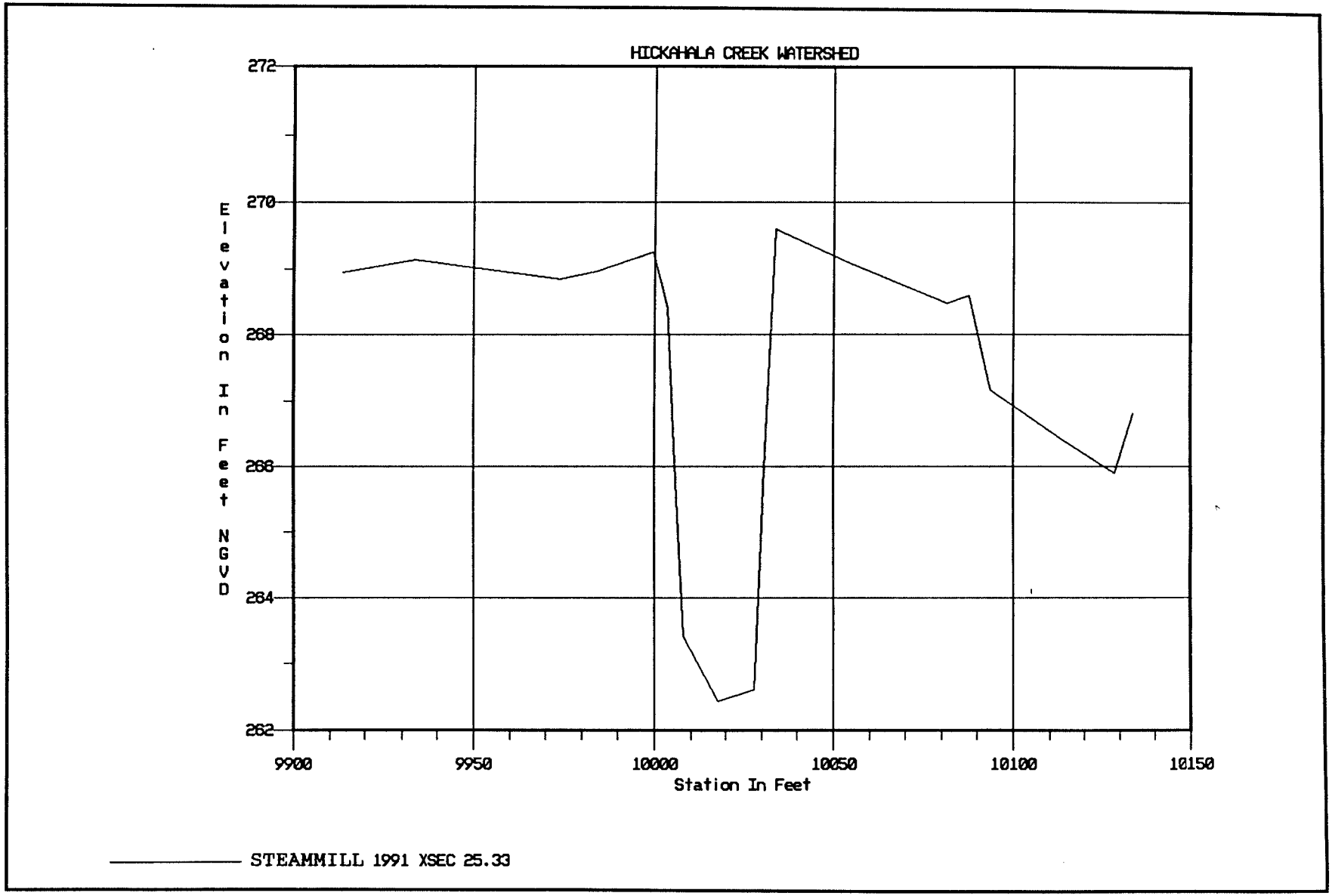
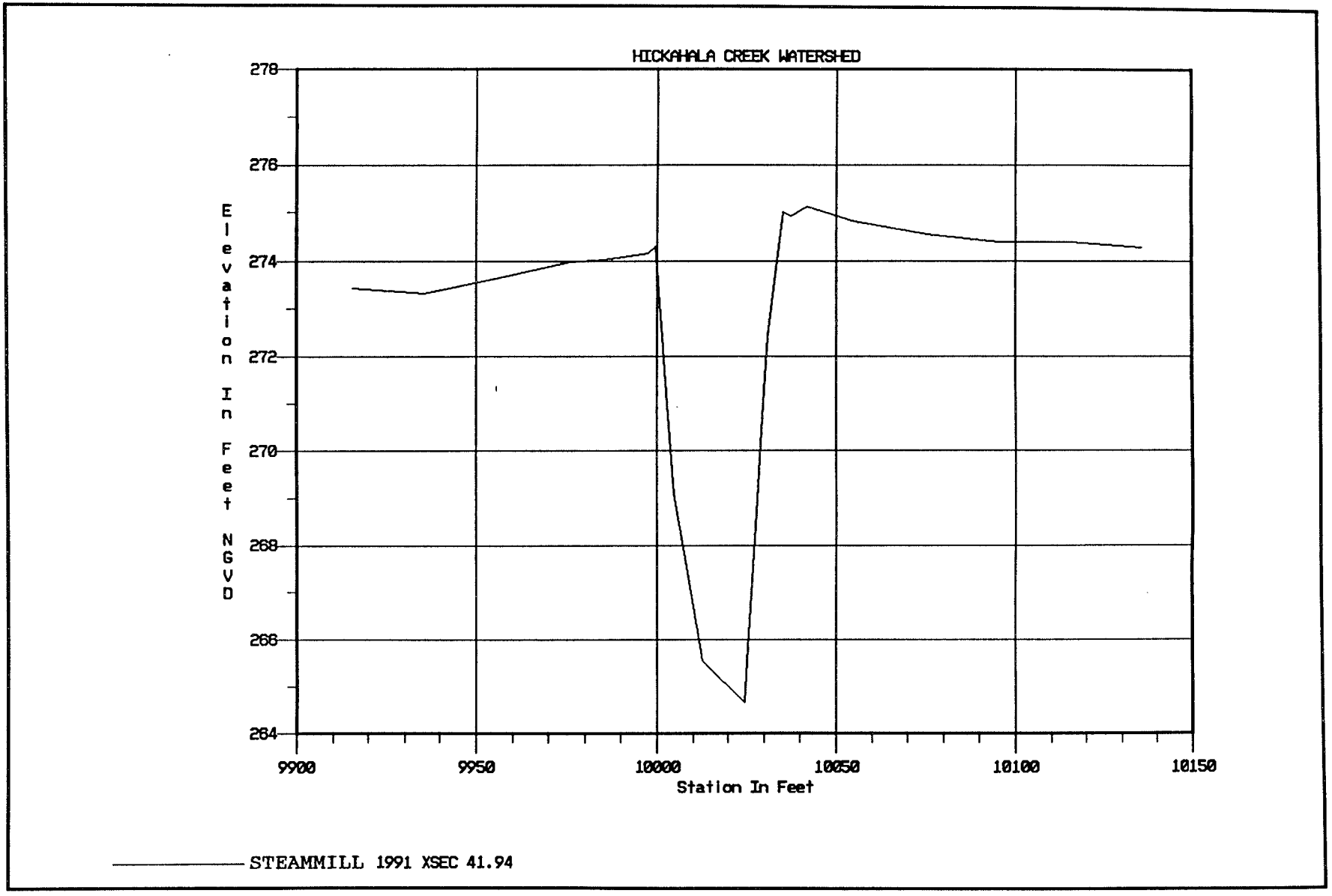

HICKAHALA CREEK WATERSHED
272
270
268
266
264
262
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
Station In Feet
STEAMMILL 1991 XSEC 25.33

PLATE A41

PLATE A42


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

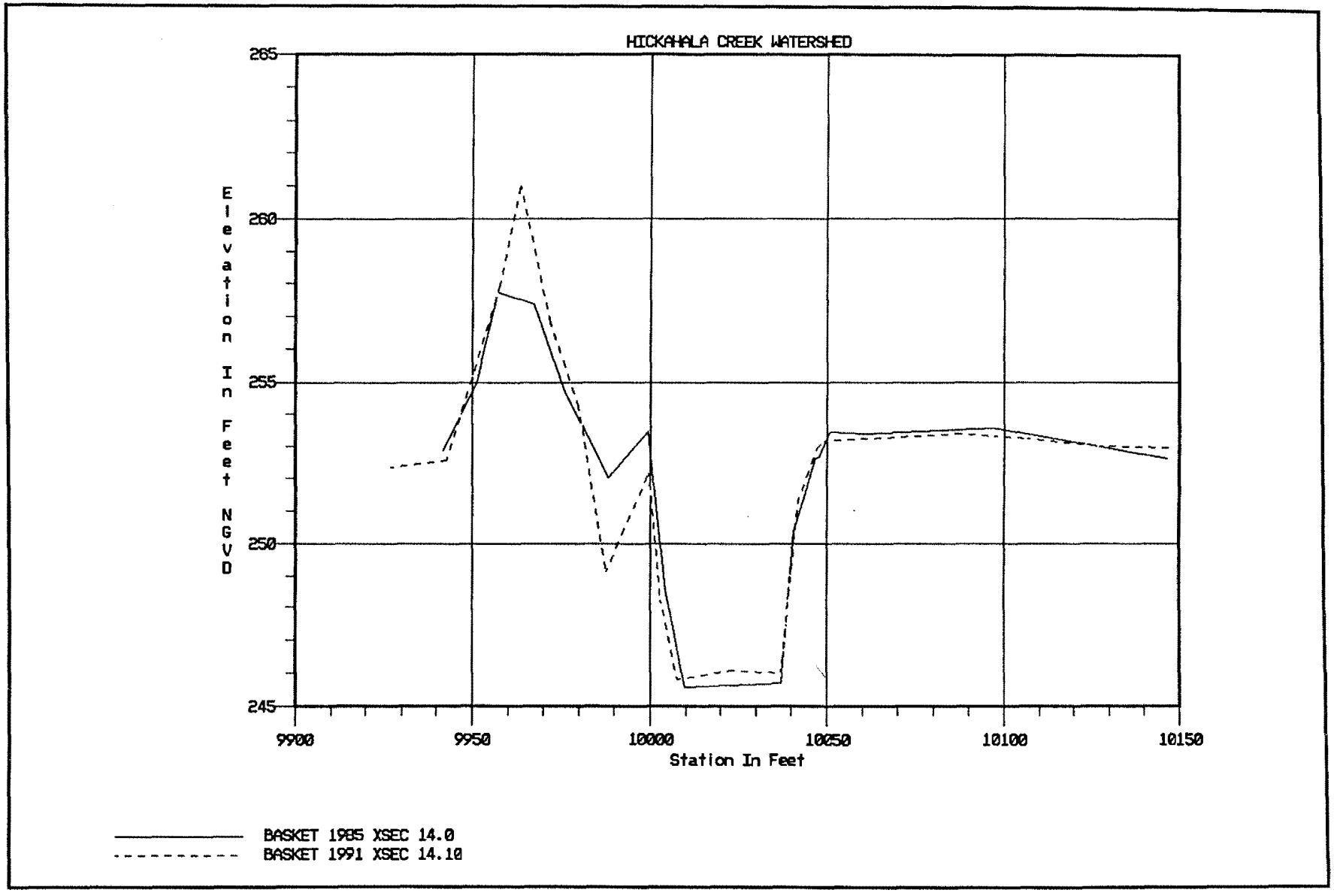
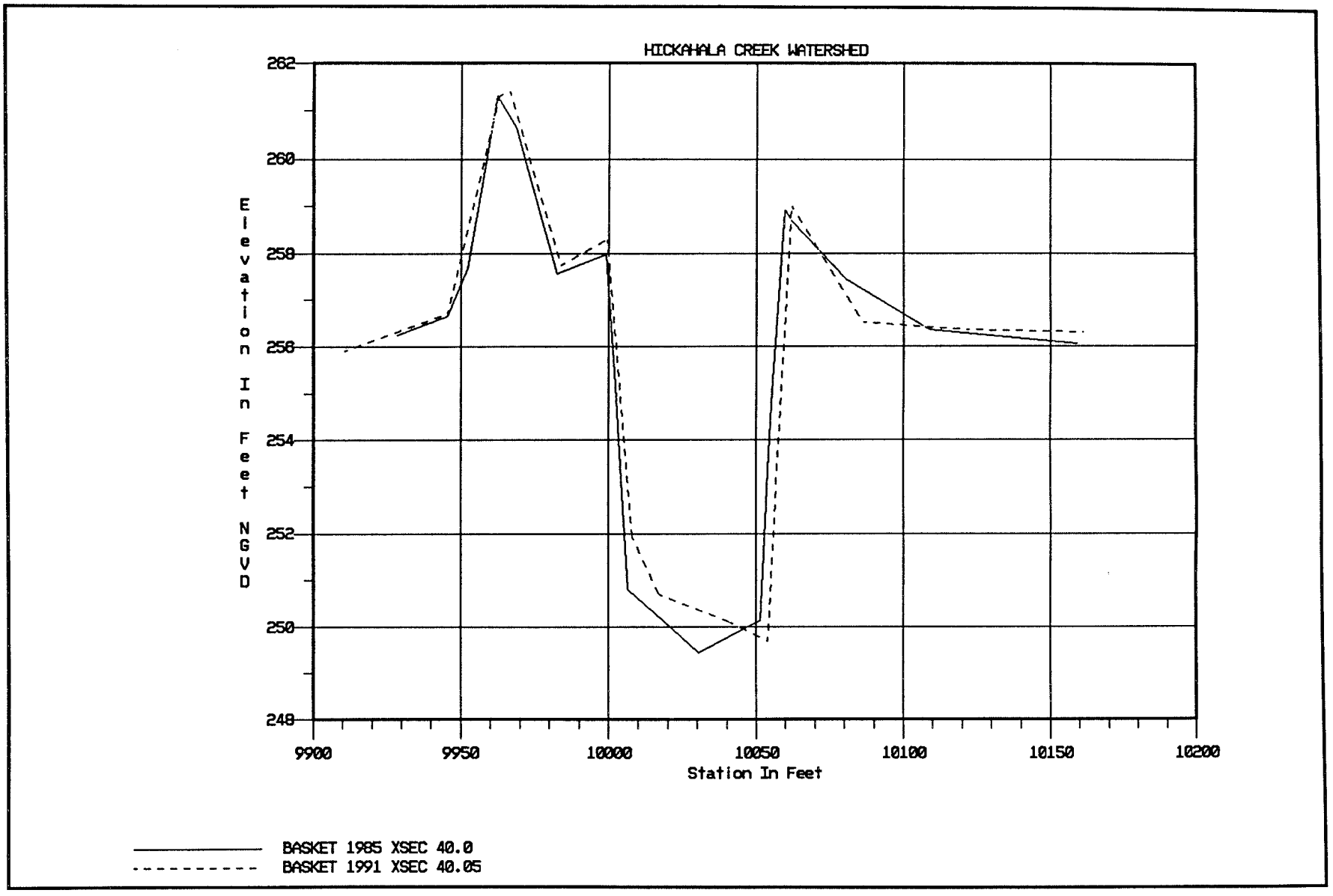

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
265
260
255
250
245
9900
9950
10000
10050
10100
10150
Station In Feet
BASKET 1985 XSEC 14.0
BASKET 1991 XSEC 14.10

PLATE A43

PLATE A44


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

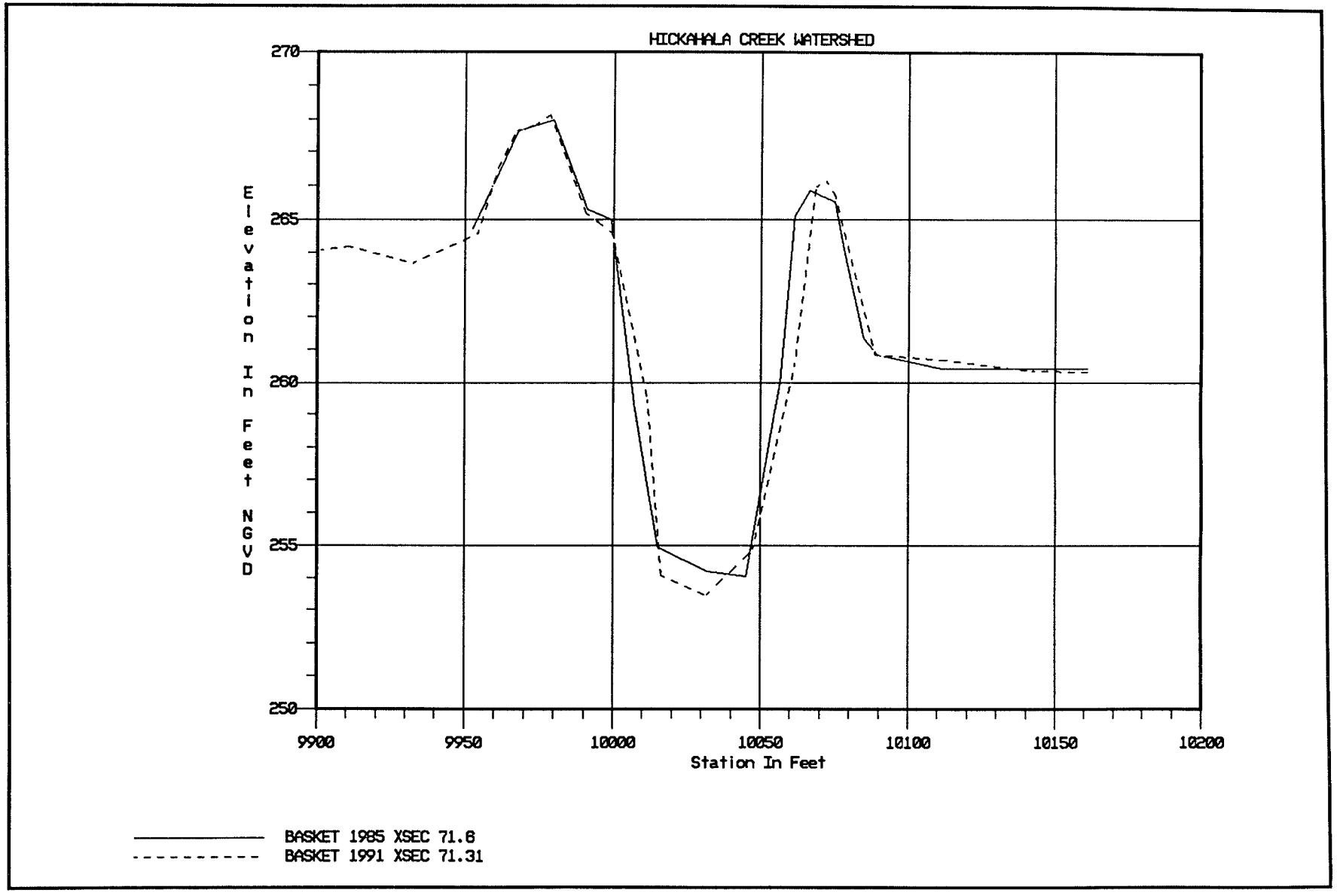
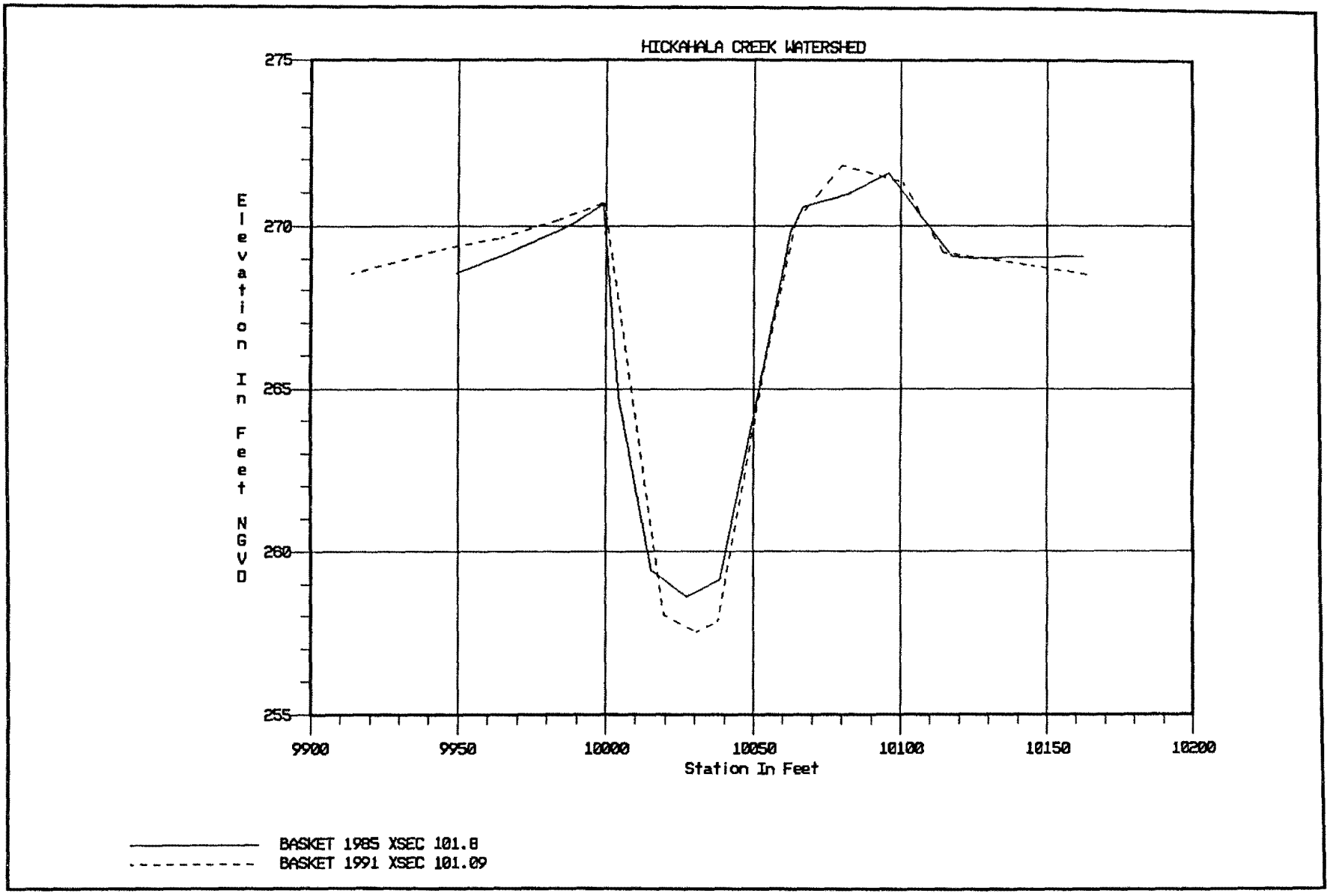

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
270
265
260
255
250
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BASKET 1985 XSEC 71.6
BASKET 1991 XSEC 71.31

PLATE A45

PLATE A46


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

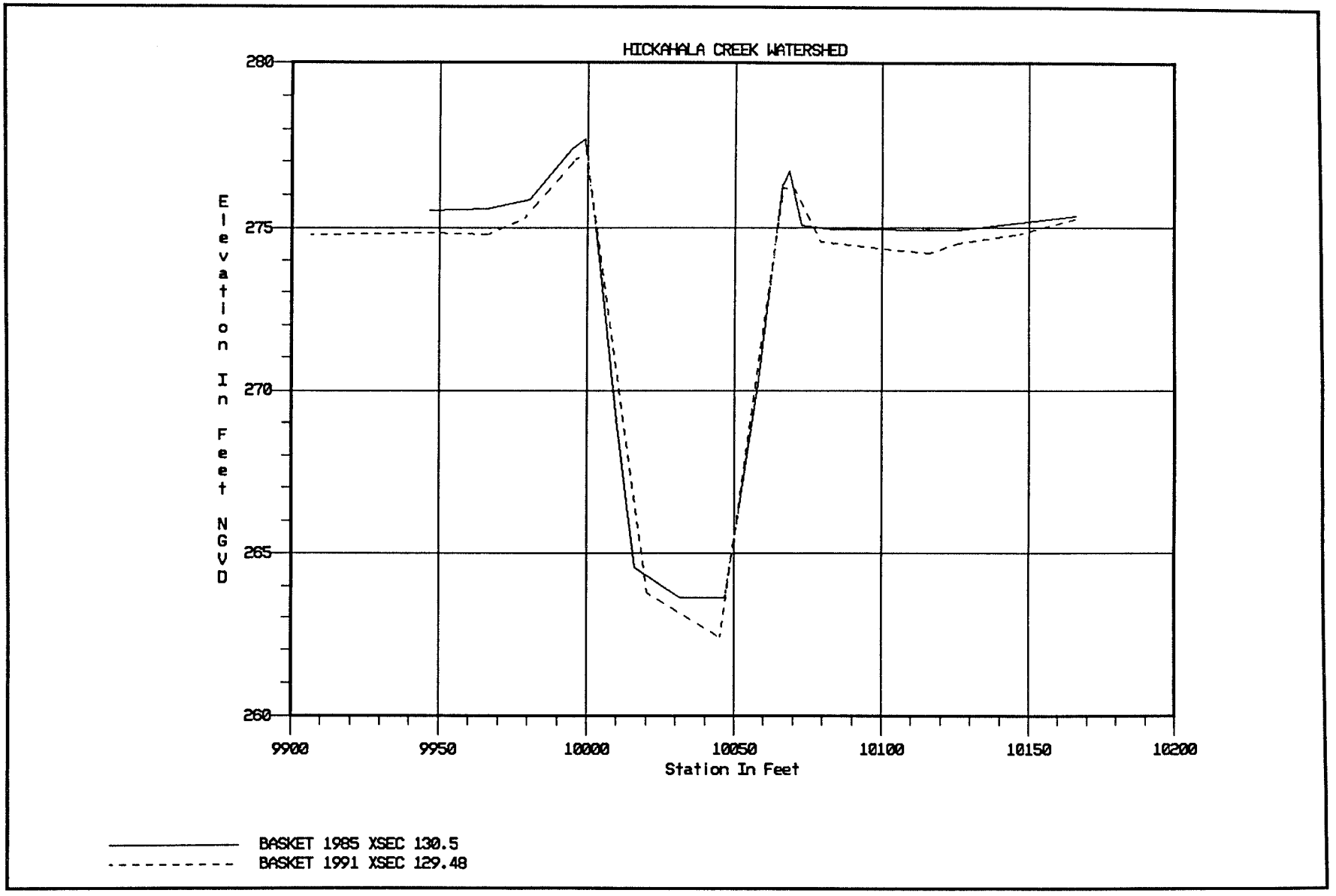
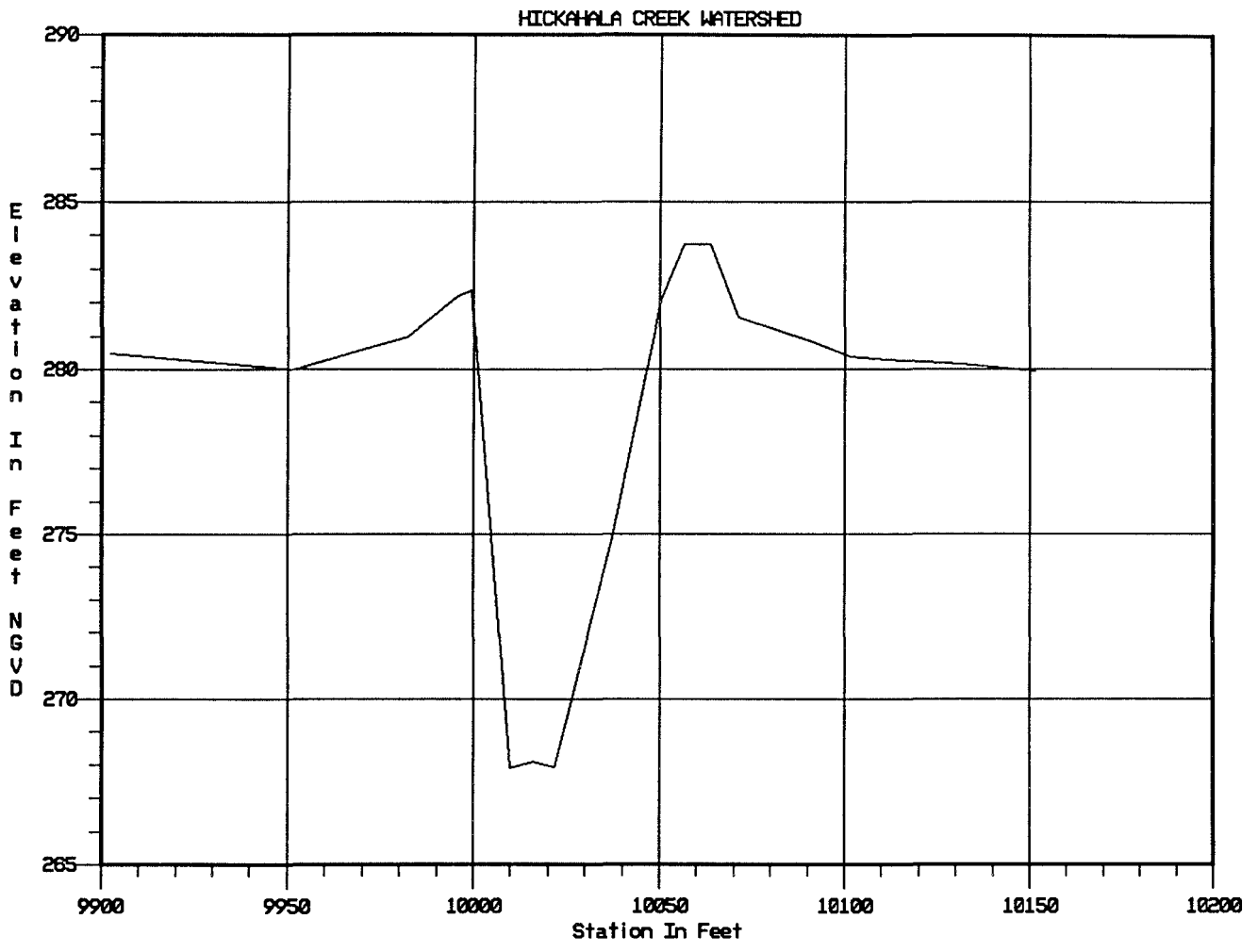

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
280
275
270
265
260
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BASKET 1985 XSEC 130.5
BASKET 1991 XSEC 129.48

PLATE A47

PLATE A48


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

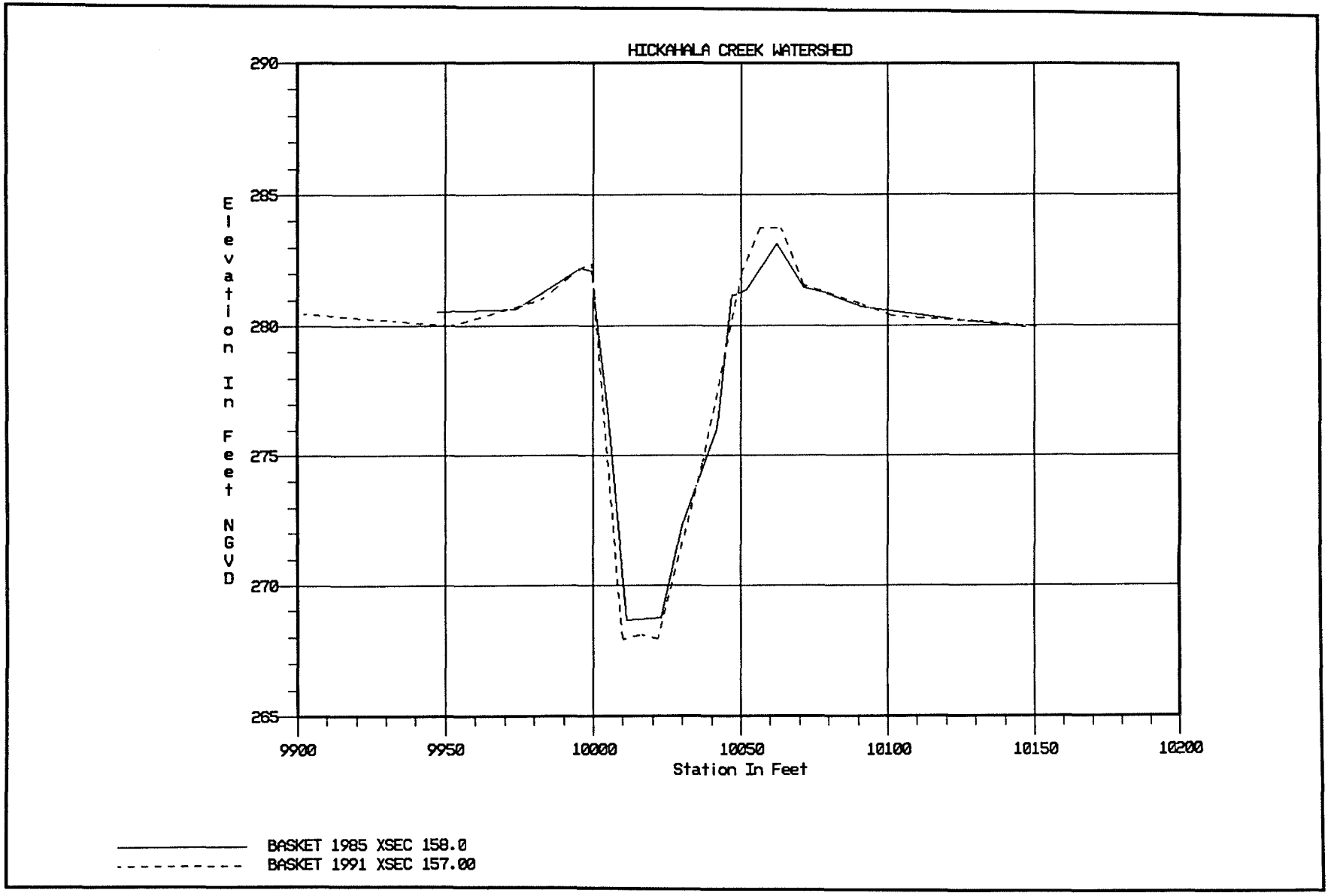
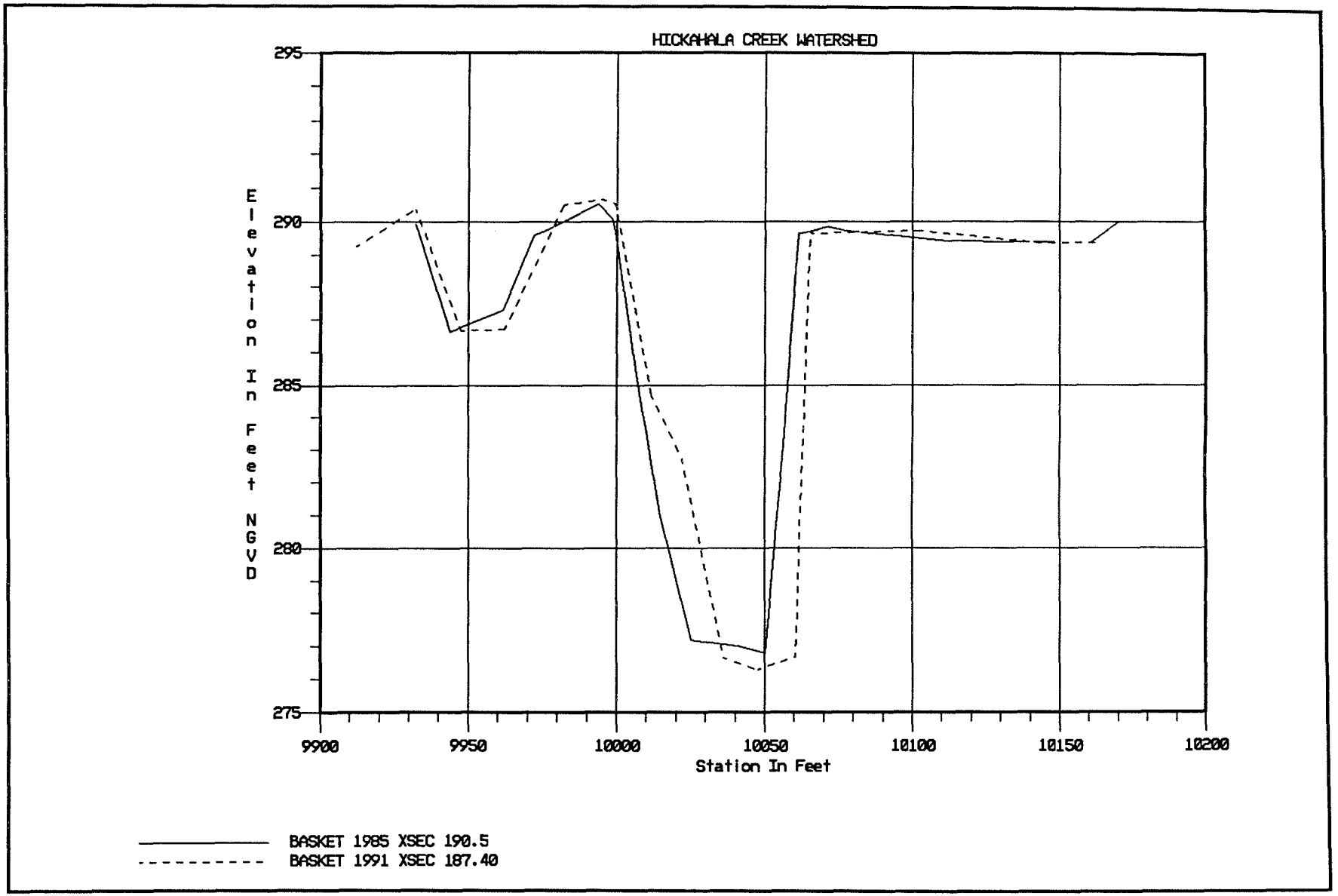

HICKAHALA CREEK WATERSHED
290
285
280
275
270
265
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BASKET 1985 XSEC 158.0
BASKET 1991 XSEC 157.00

PLATE A49

PLATE A50


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

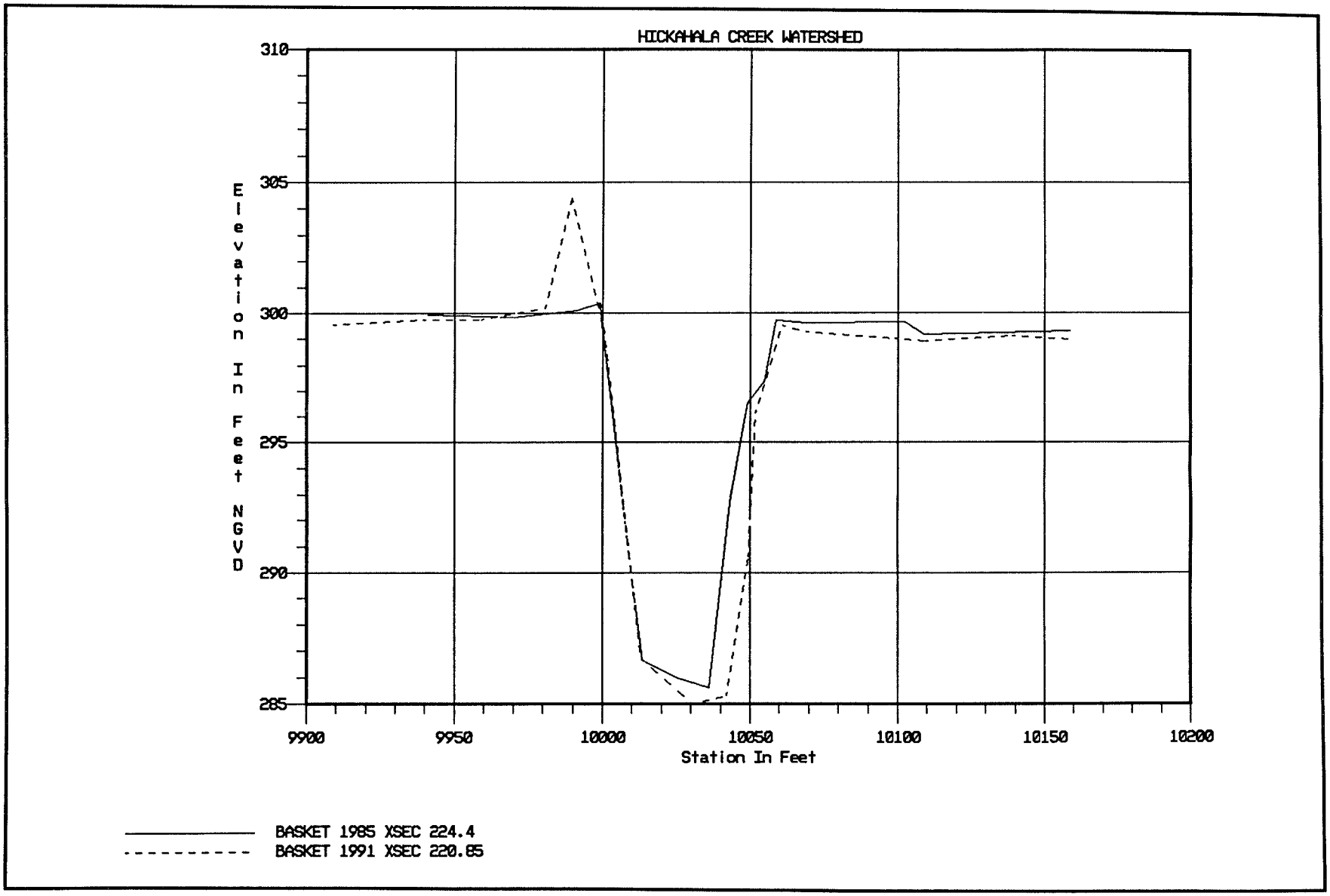
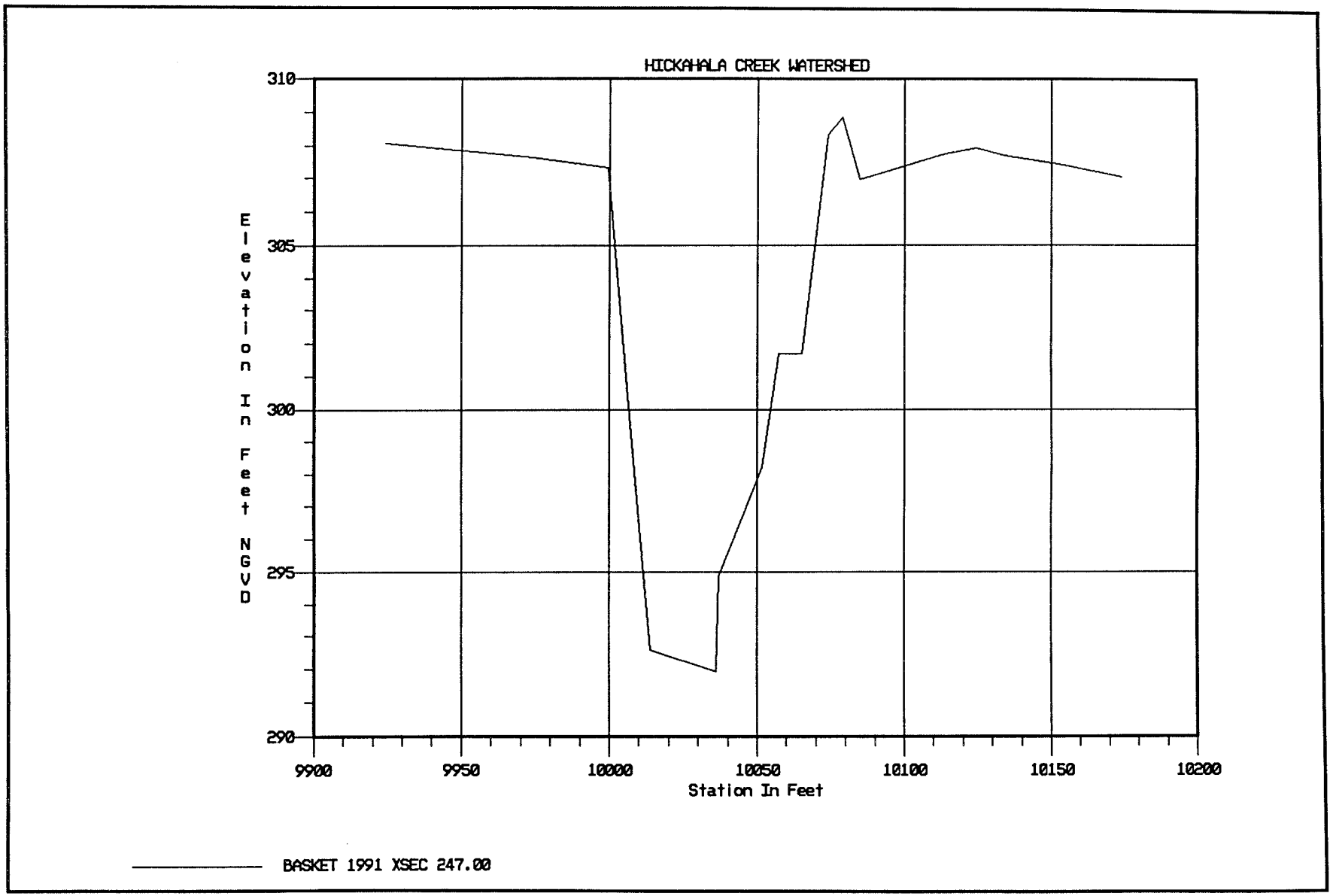

HICKAHALA CREEK WATERSHED
310
305
300
295
290
285
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BASKET 1985 XSEC 224.4
BASKET 1991 XSEC 220.85

PLATE A51

PLATE A52


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

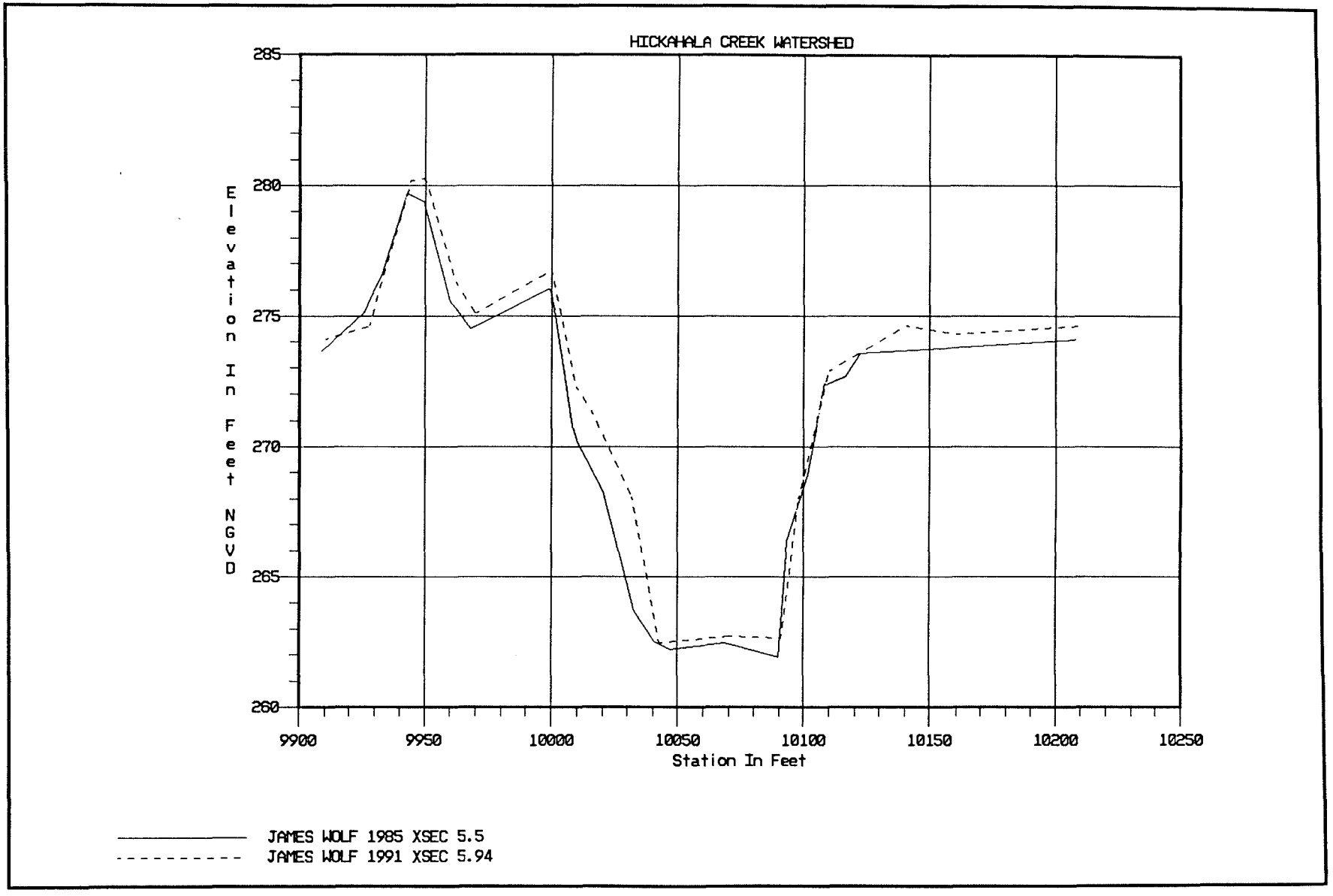
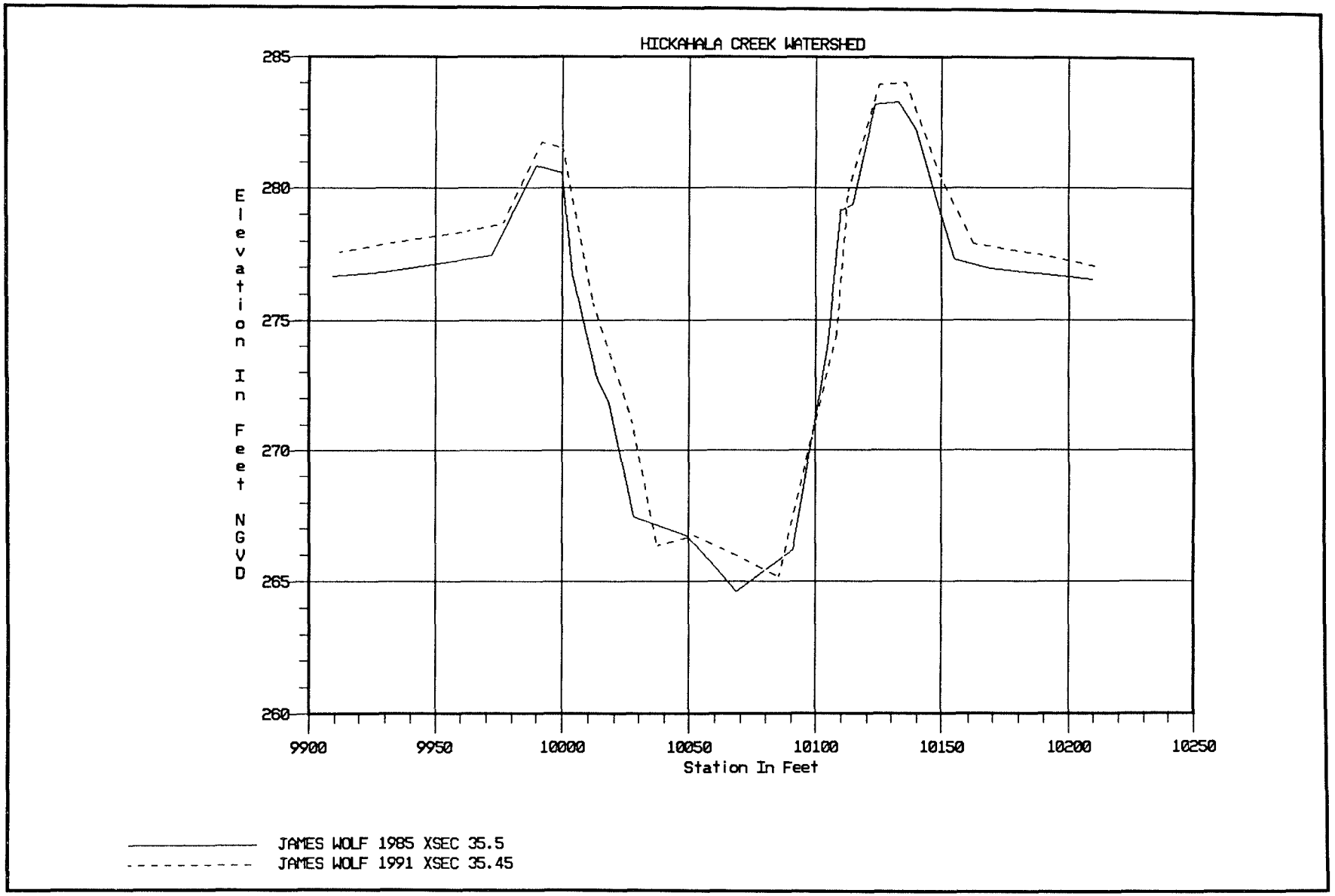

HICKAHALA CREEK WATERSHED
285
280
275
270
265
260
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1985 XSEC 5.5
JAMES WOLF 1991 XSEC 5.94

PLATE A53

PLATE A54


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

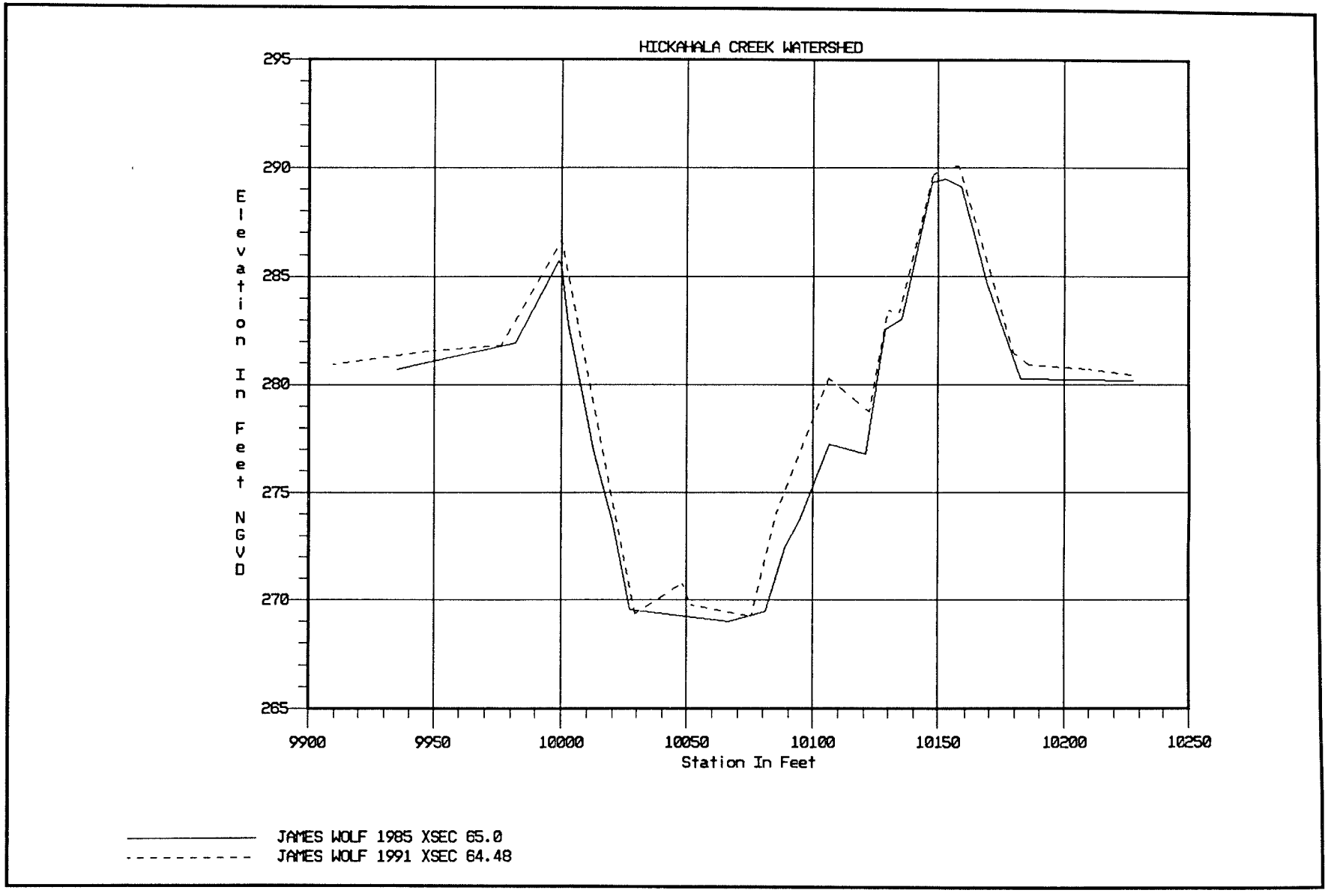
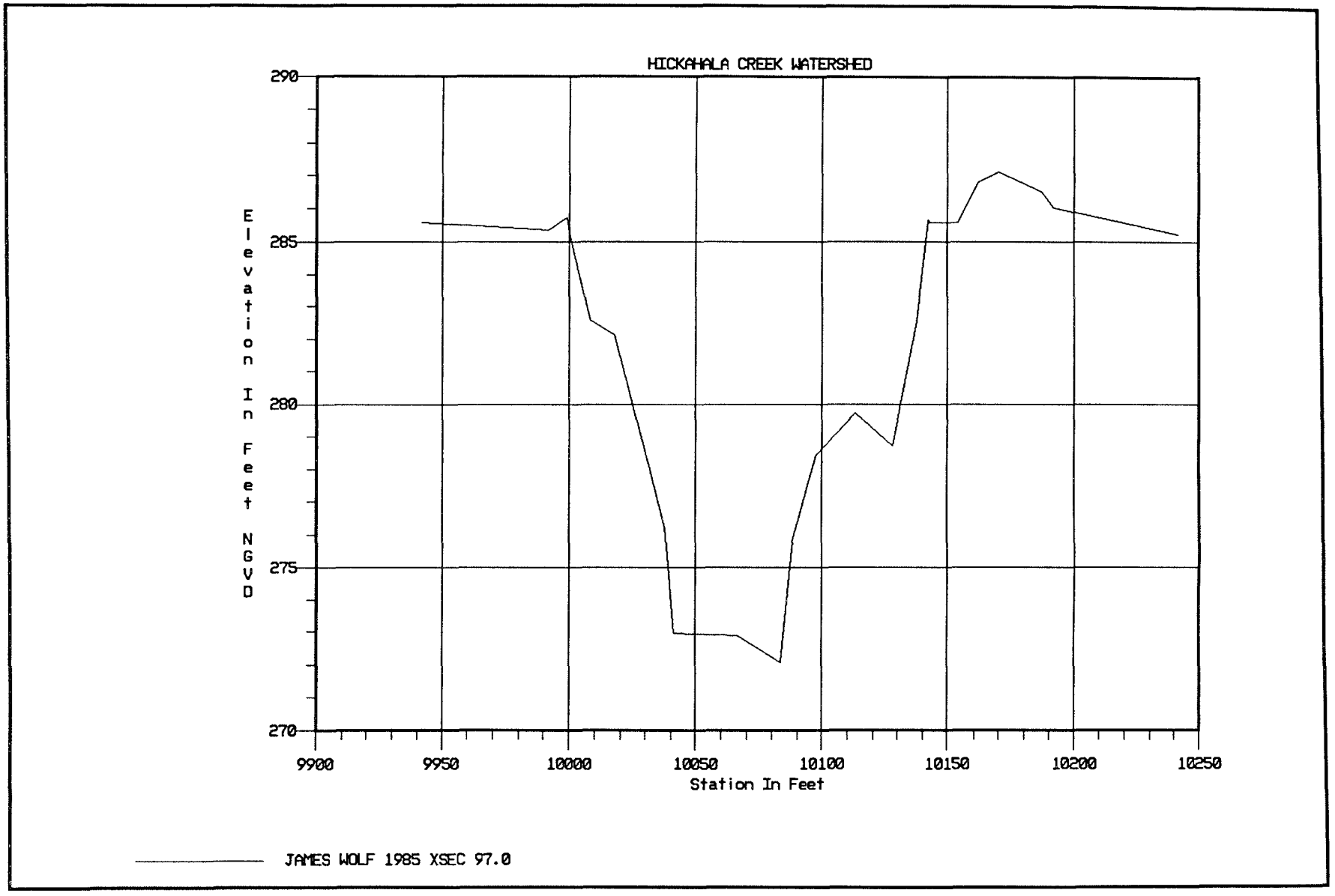

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
295
290
285
280
275
270
265
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1985 XSEC 65.0
JAMES WOLF 1991 XSEC 64.48

PLATE A55

PLATE A56


HICKAHALA CREEK WATERSHED
290
285
280
275
270
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1985 XSEC 97.0

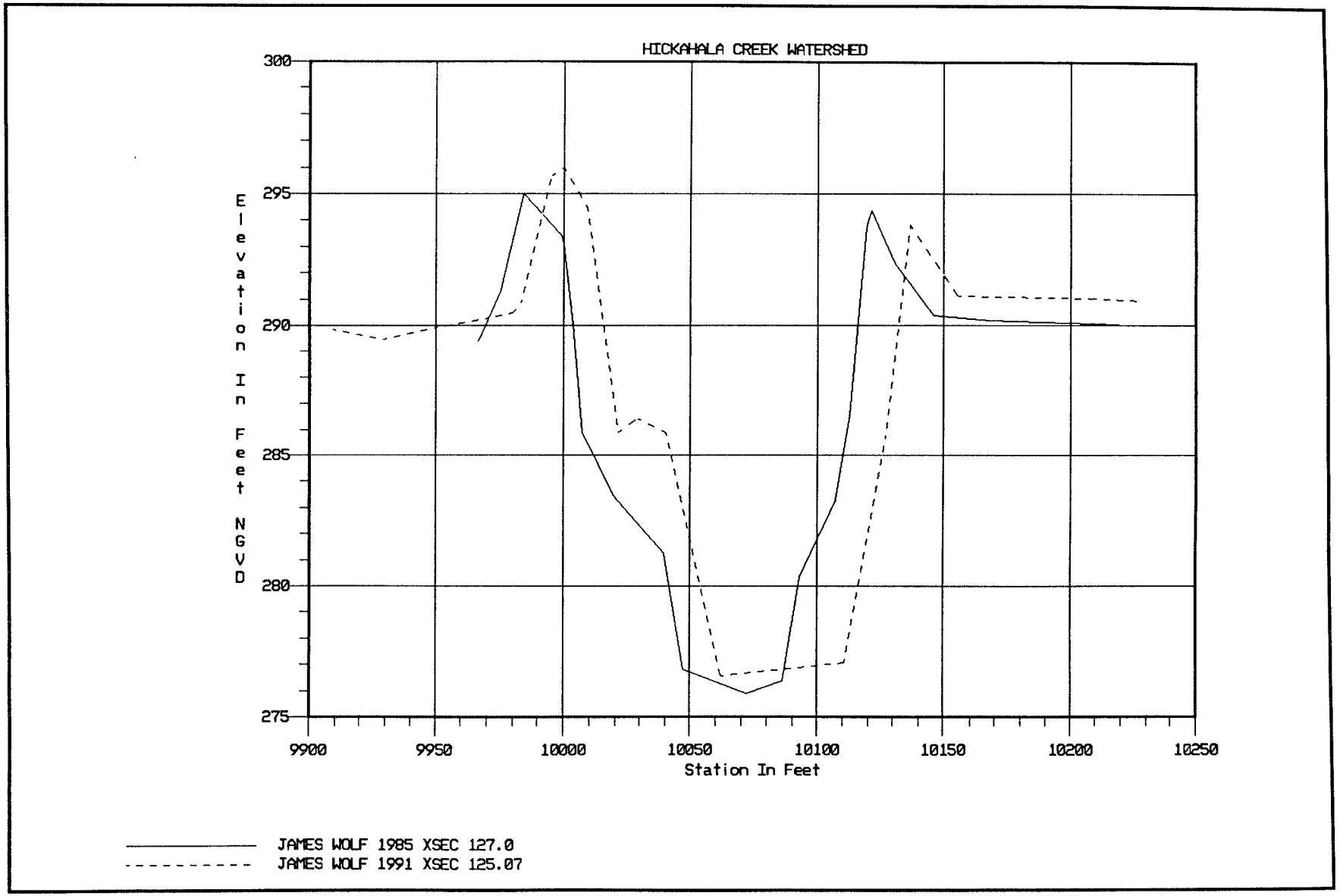
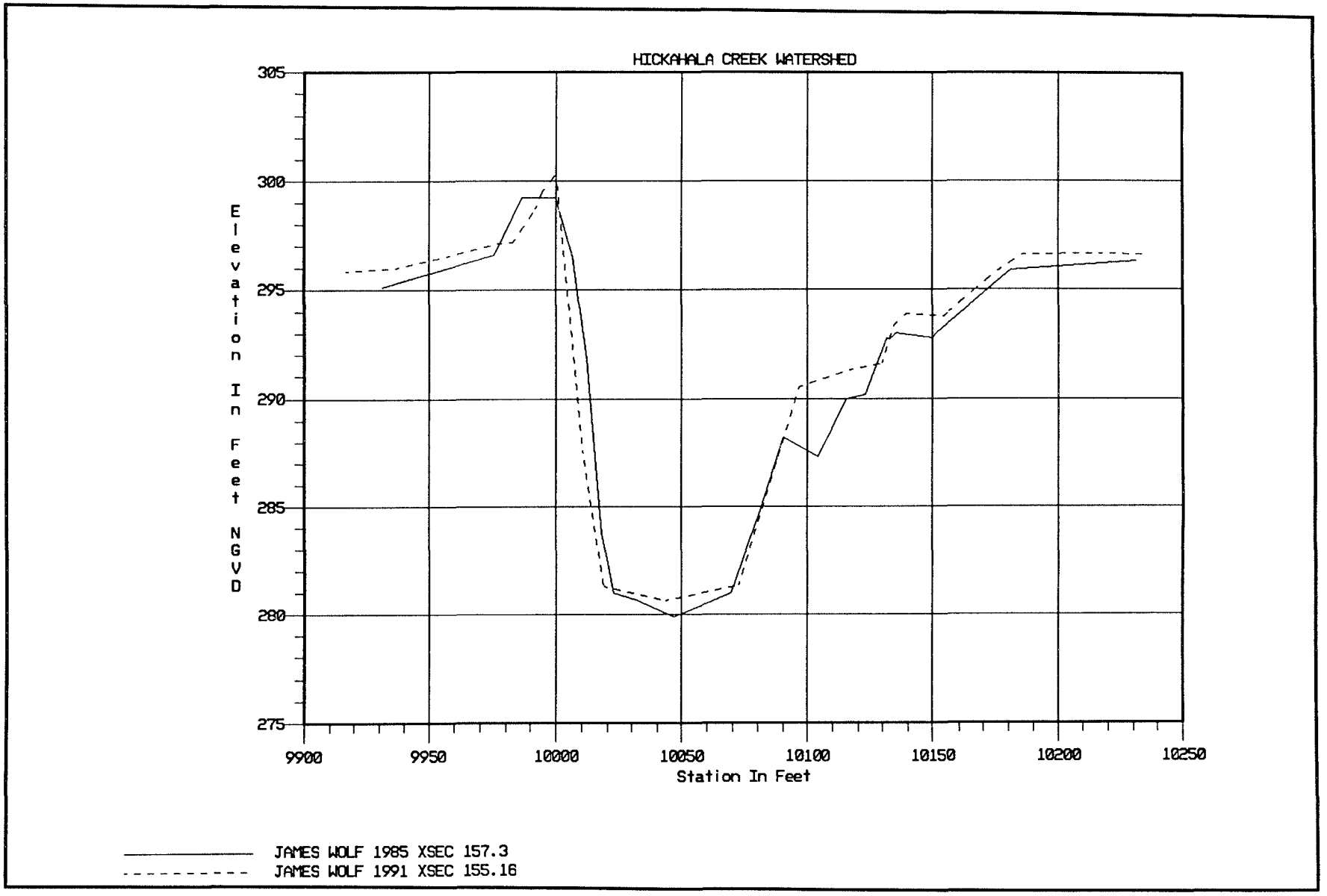

HICKAHALA CREEK WATERSHED
300
295
290
285
280
275
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1985 XSEC 127.0
JAMES WOLF 1991 XSEC 125.07

PLATE A57

PLATE A58


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

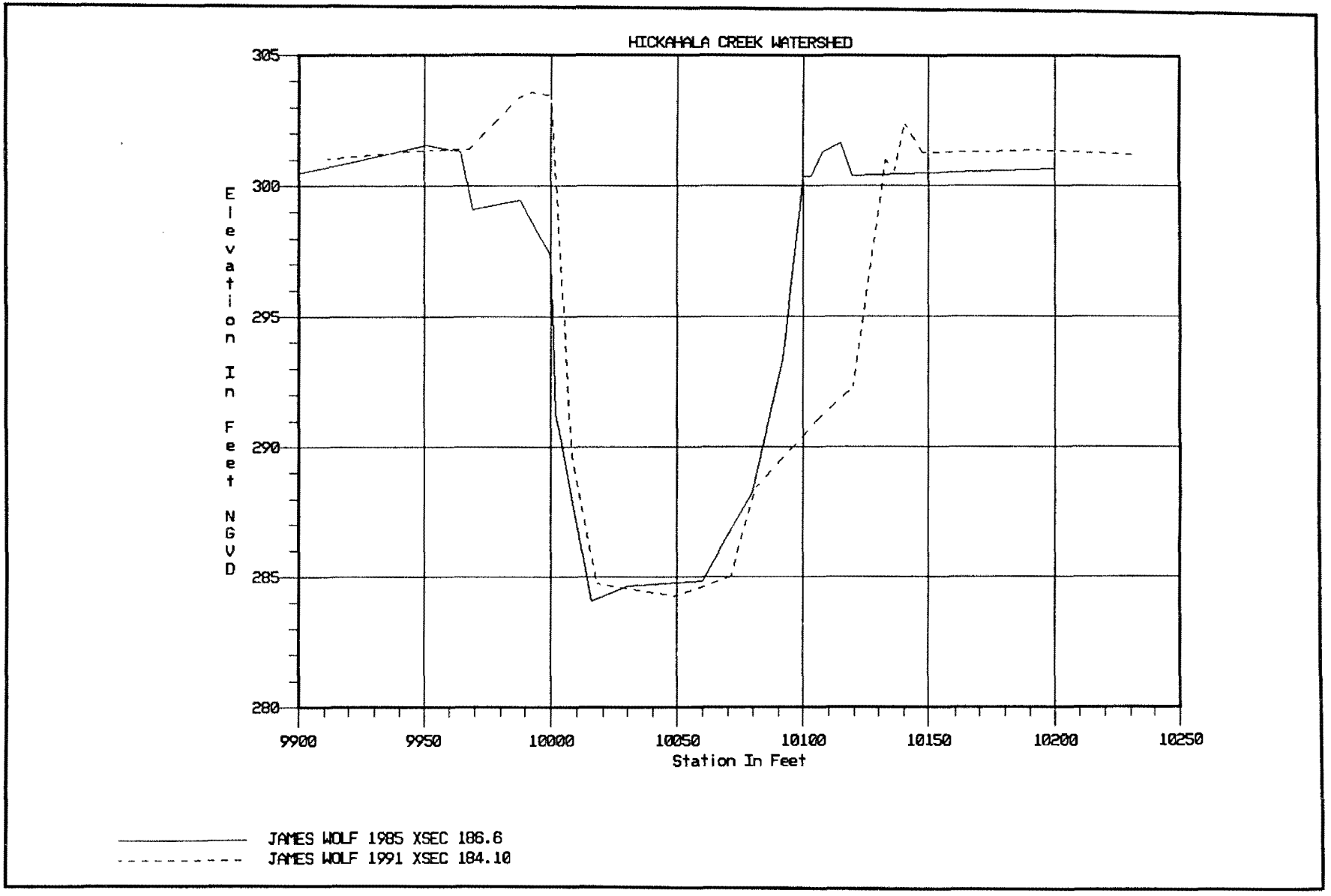
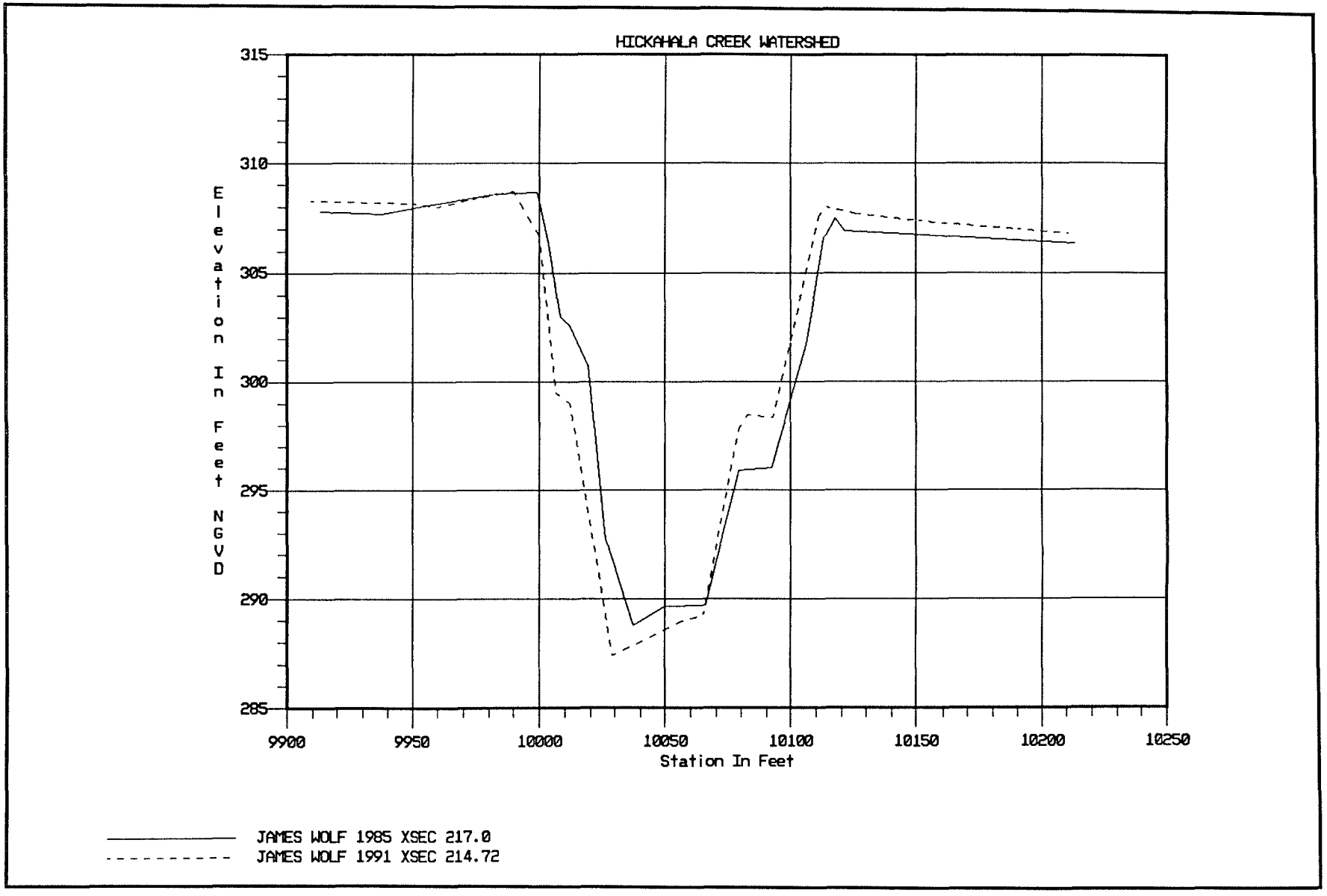

HICKAHALA CREEK WATERSHED
305
300
295
290
285
280
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1985 XSEC 186.6
JAMES WOLF 1991 XSEC 184.10

PLATE A59

PLATE A60


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

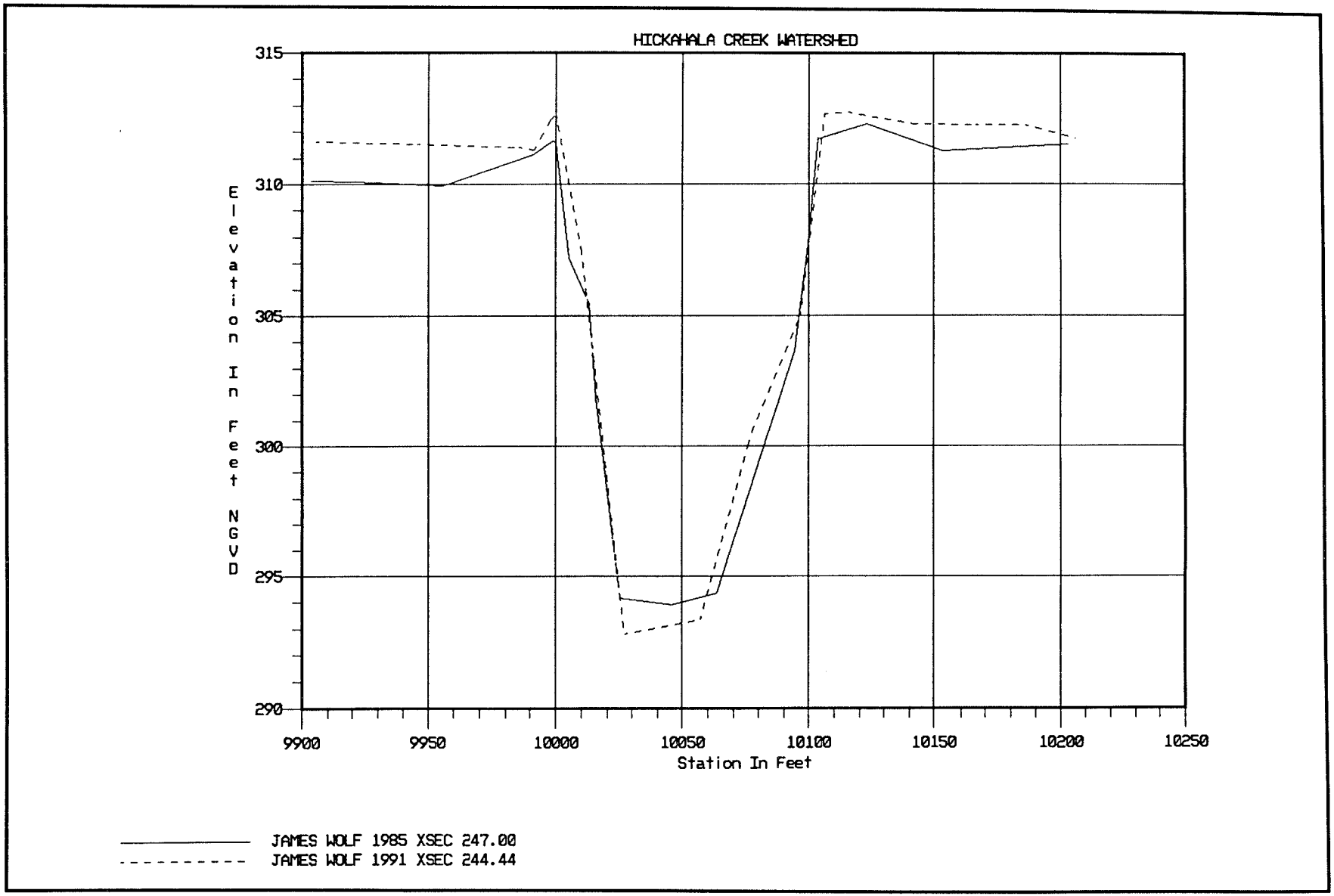
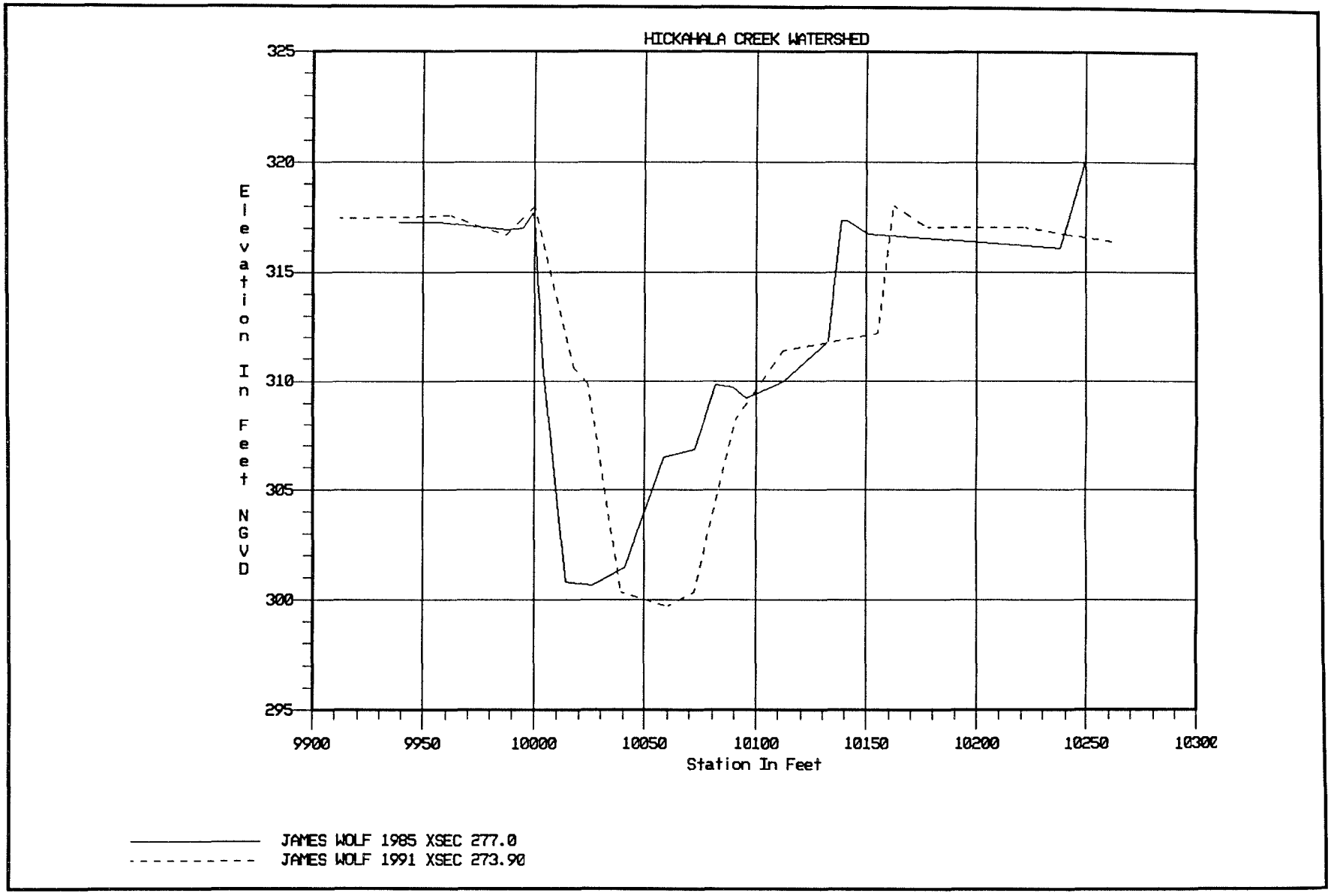

HICKAHALA CREEK WATERSHED
315
310
305
300
295
290
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1985 XSEC 247.00
JAMES WOLF 1991 XSEC 244.44

PLATE A61

PLATE A62


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

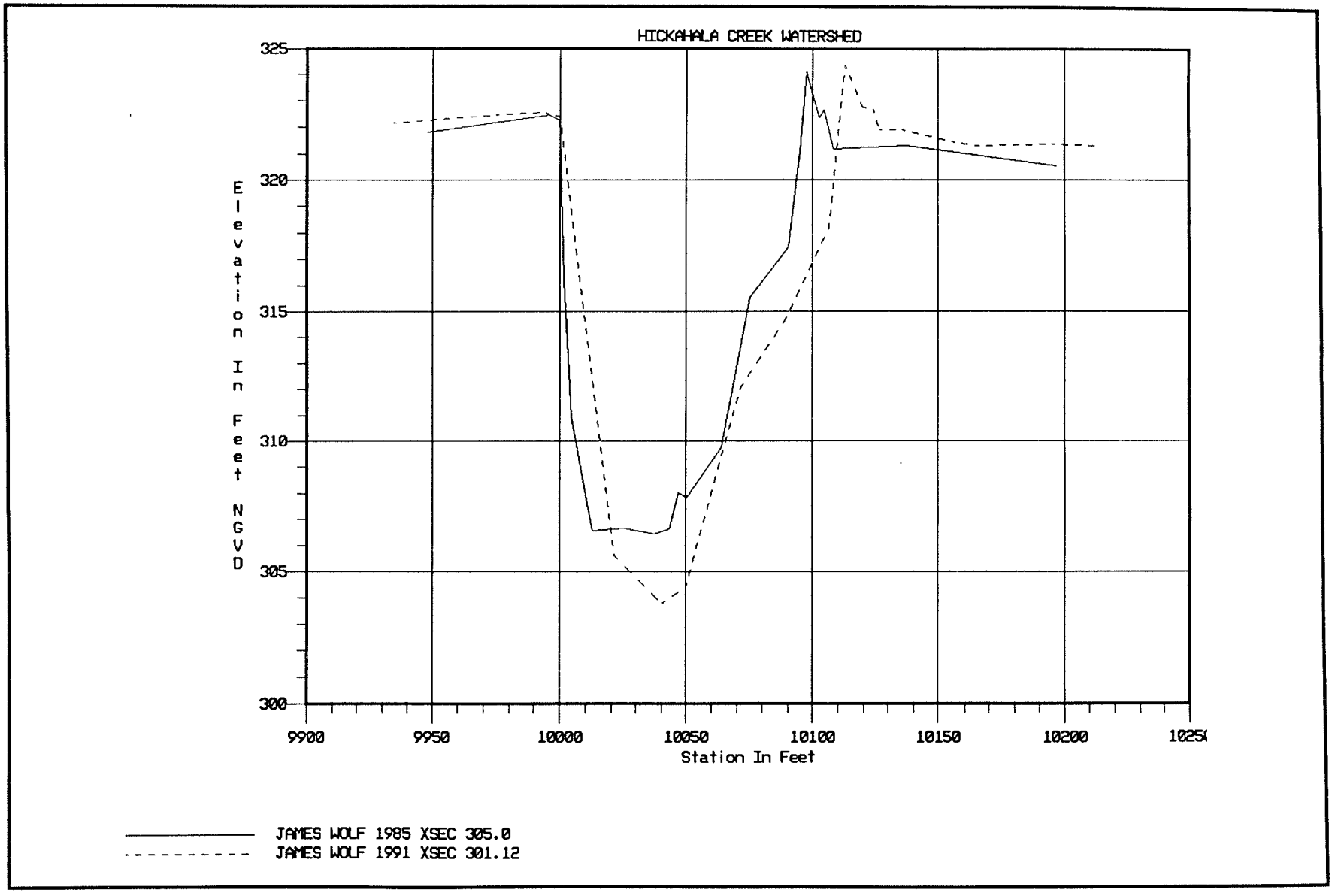
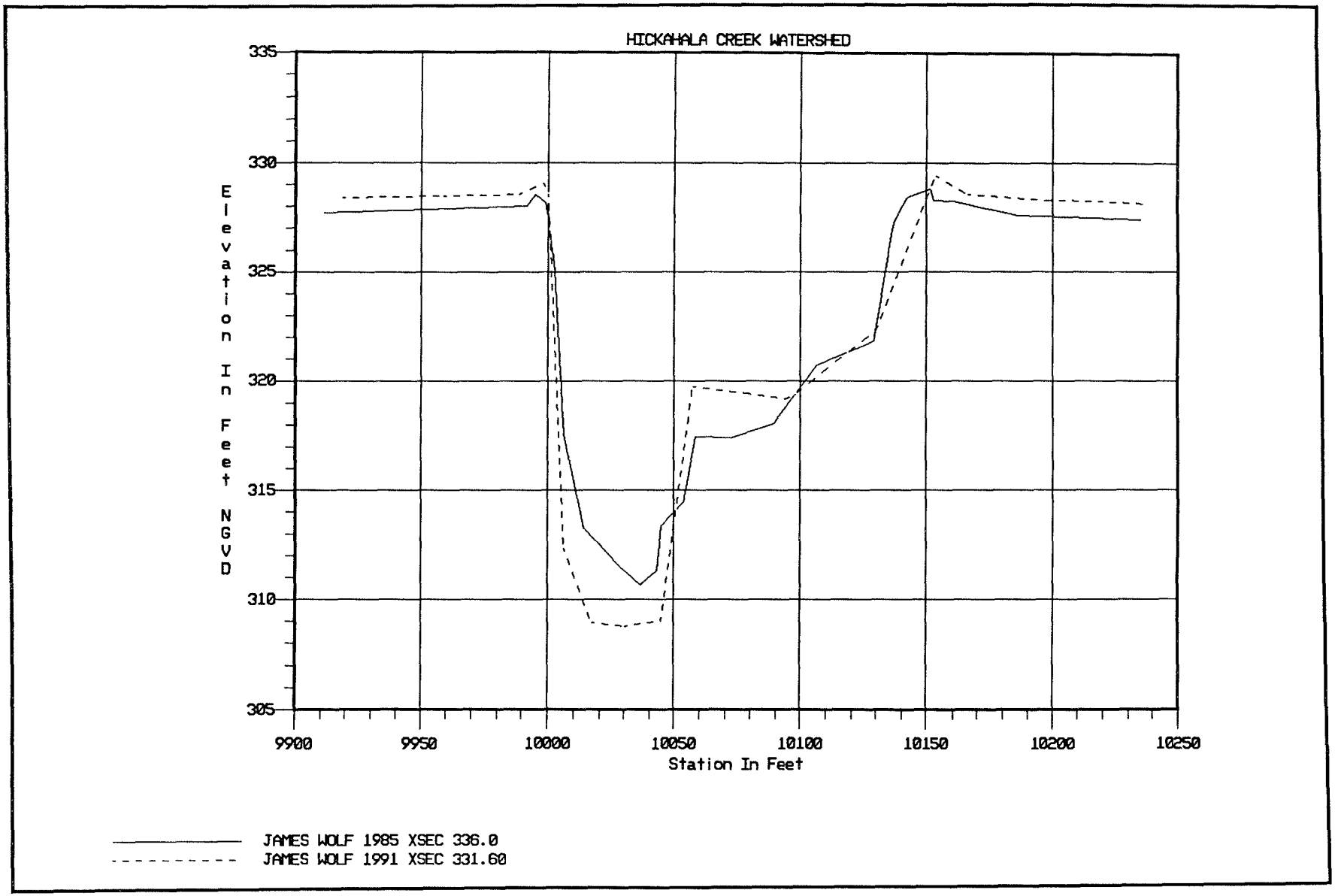

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
325
320
315
310
305
300
9900
9950
10000
10050
10100
10150
10200
Station In Feet
JAMES WOLF 1985 XSEC 305.0
JAMES WOLF 1991 XSEC 301.12

PLATE A63

PLATE A64


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

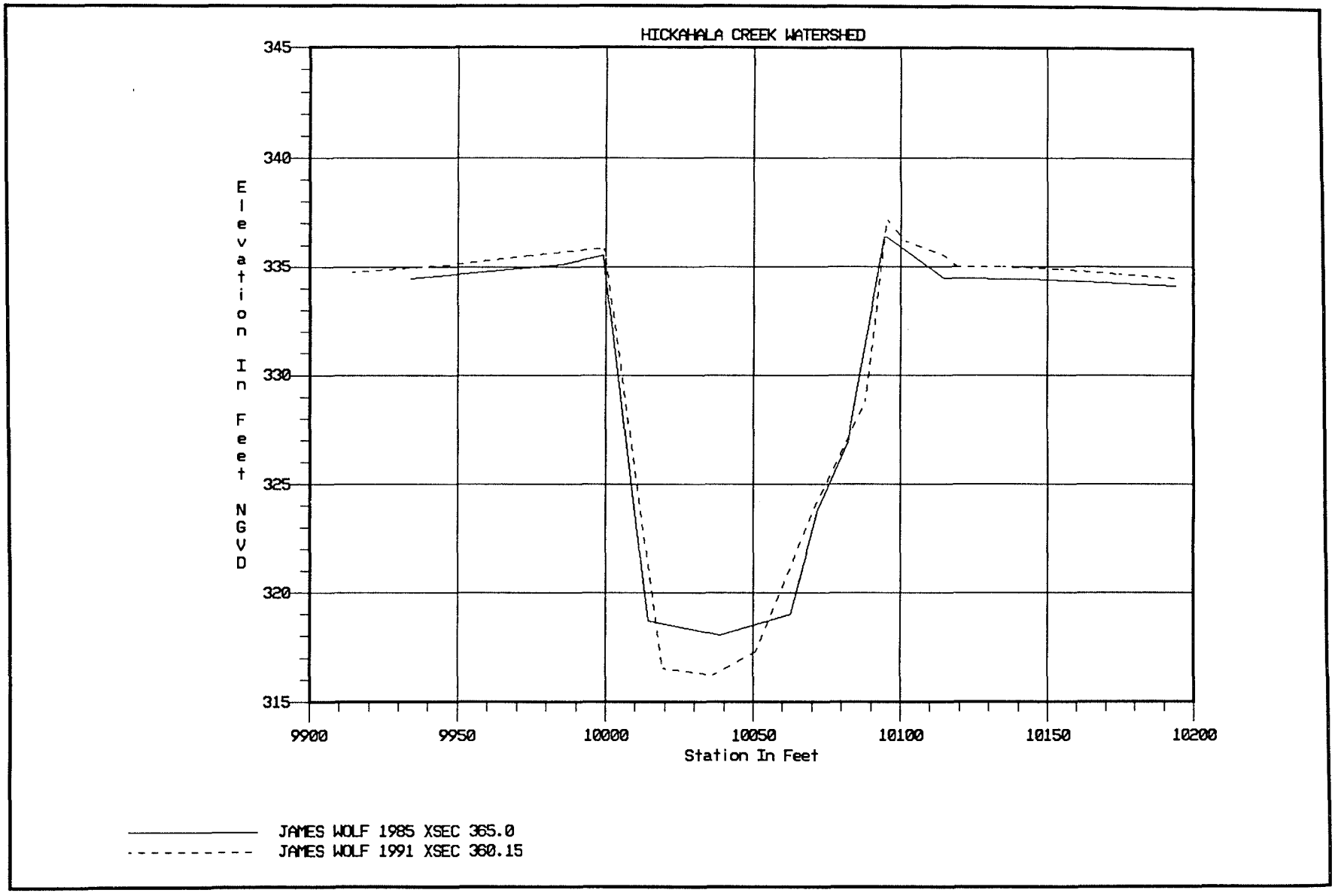
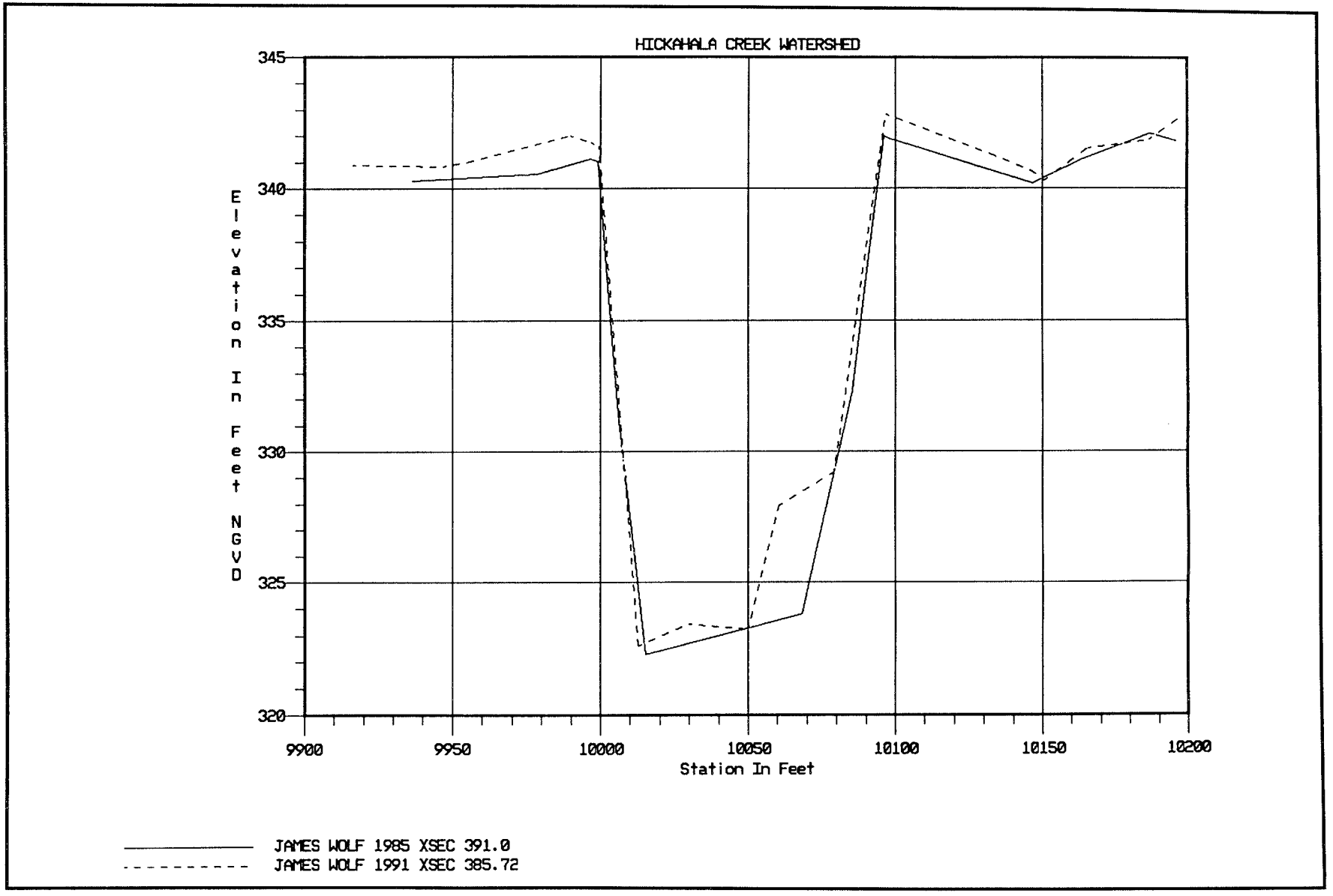

HICKAHALA CREEK WATERSHED
345
340
335
330
325
320
315
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
JAMES WOLF 1985 XSEC 365.0
JAMES WOLF 1991 XSEC 360.15

PLATE A65

PLATE A66


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

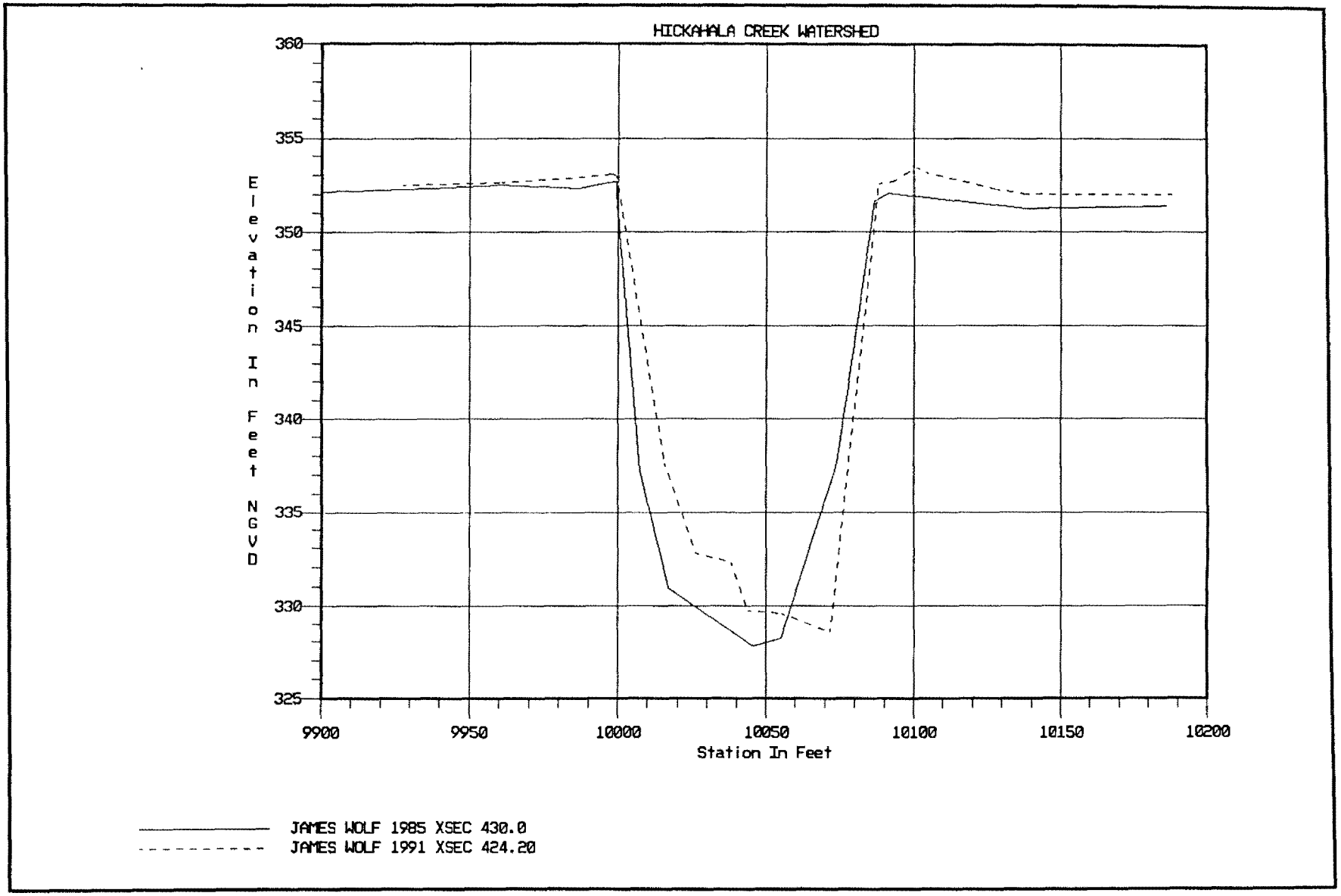
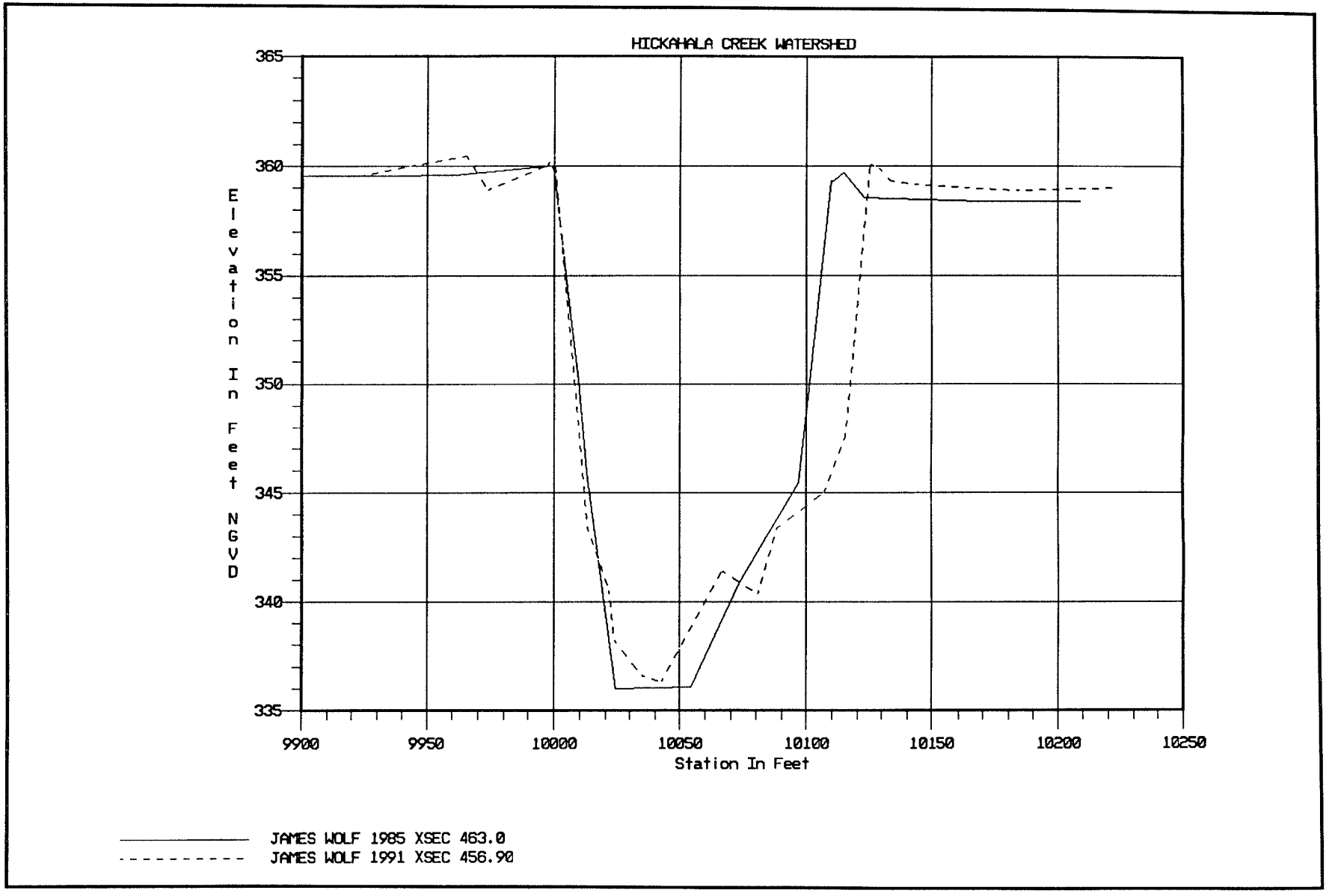

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
360
355
350
345
340
335
330
325
9900
9950
10000
10050
10100
10150
10200
Station In Feet
JAMES WOLF 1985 XSEC 430.0
JAMES WOLF 1991 XSEC 424.20

PLATE A67

PLATE A68


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

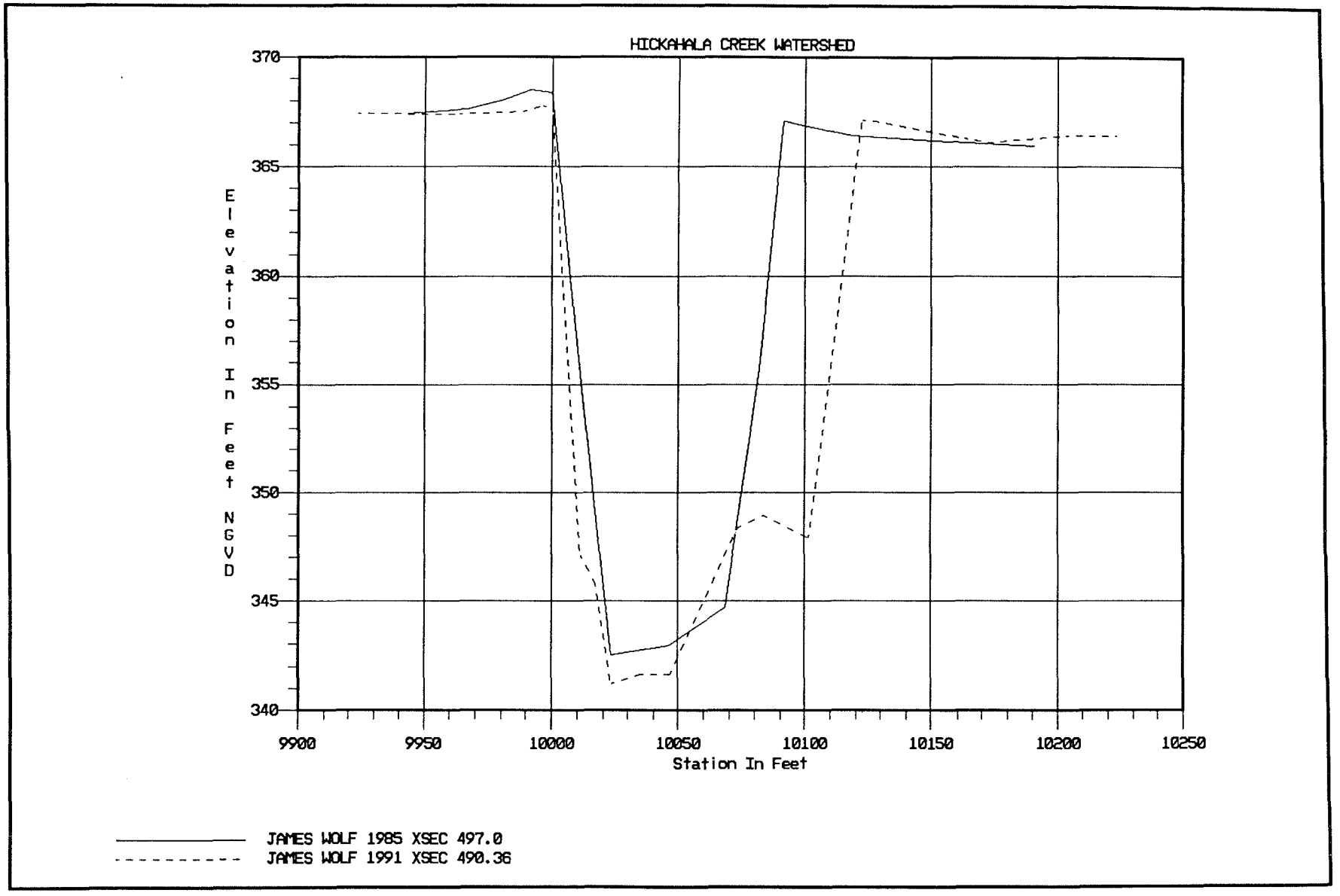
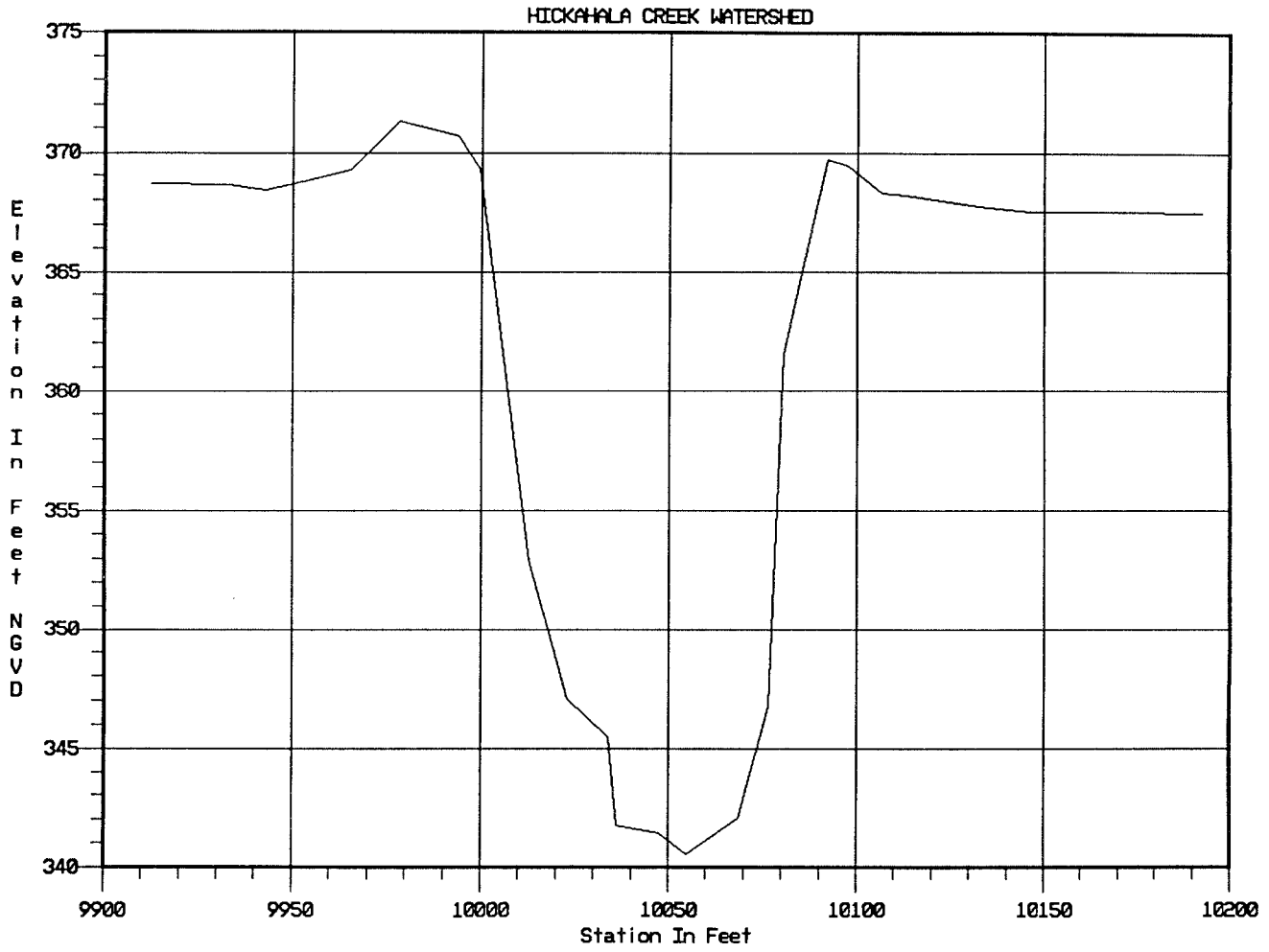

HICKAHALA CREEK WATERSHED
370
365
360
355
350
345
340
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1985 XSEC 497.0
JAMES WOLF 1991 XSEC 490.36

PLATE A69

PLATE A70


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
JAMES WOLF 1991 XSEC 499.00

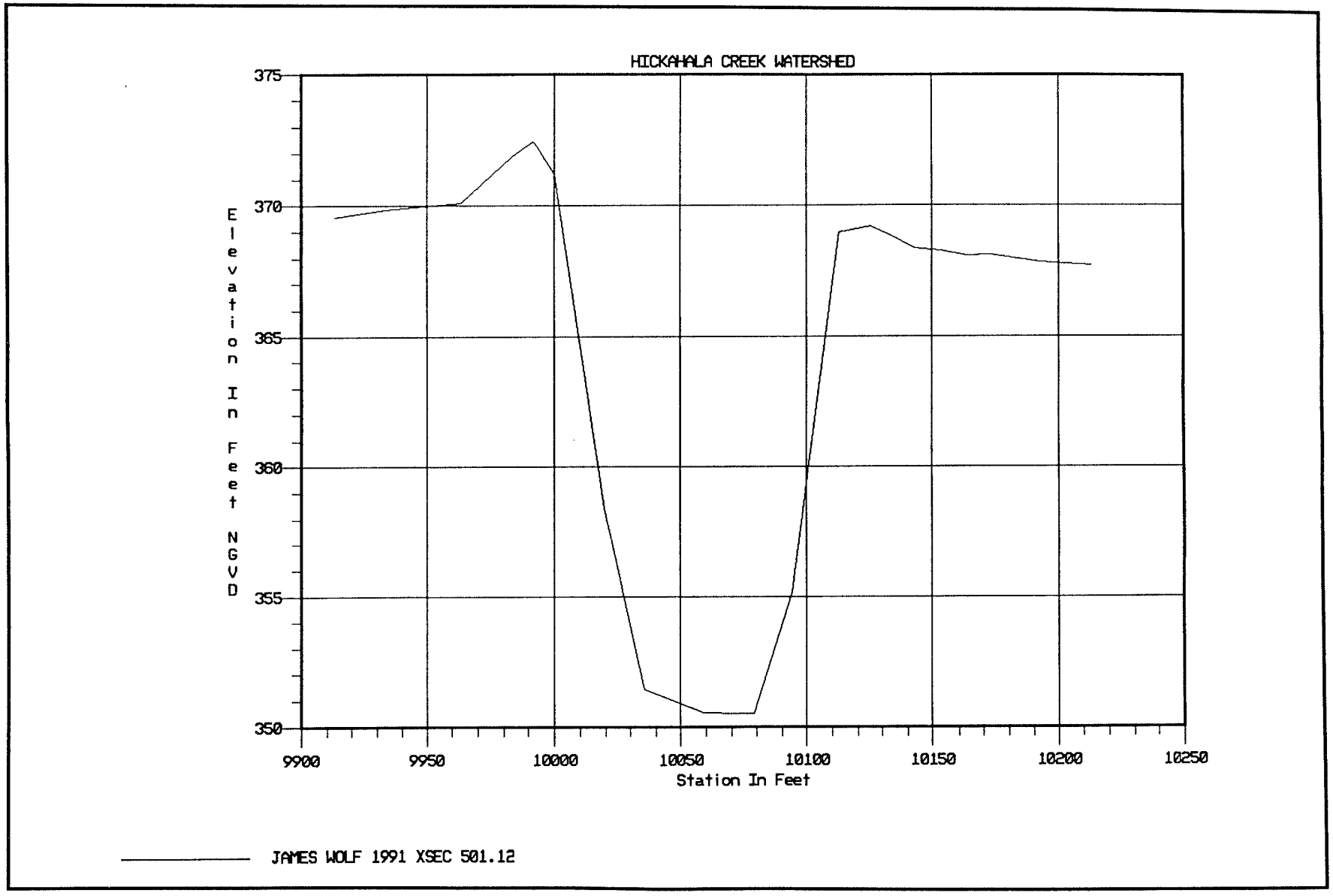
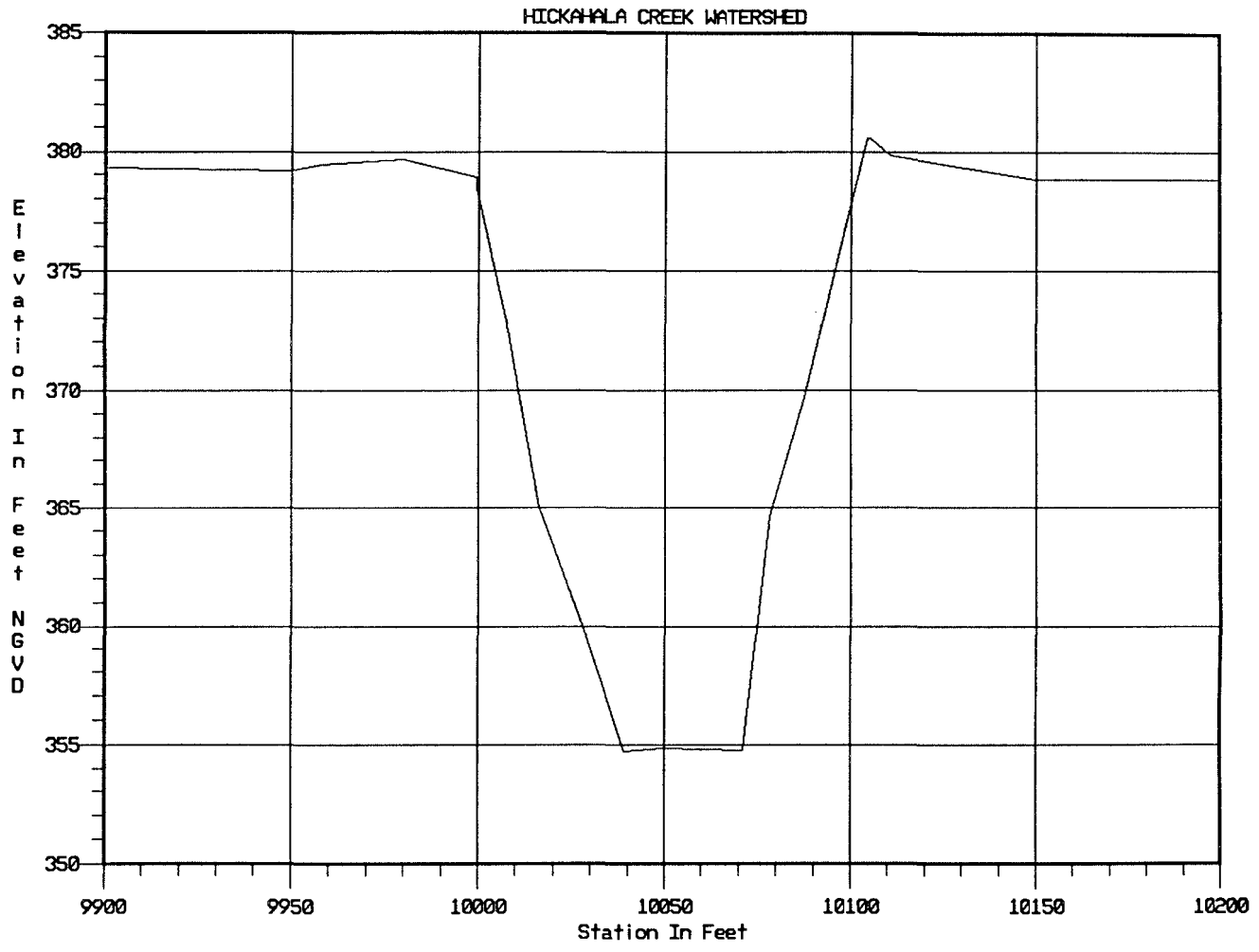

HICKAHALA CREEK WATERSHED
375
370
365
360
355
350
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
JAMES WOLF 1991 XSEC 501.12

PLATE A71

PLATE A72


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

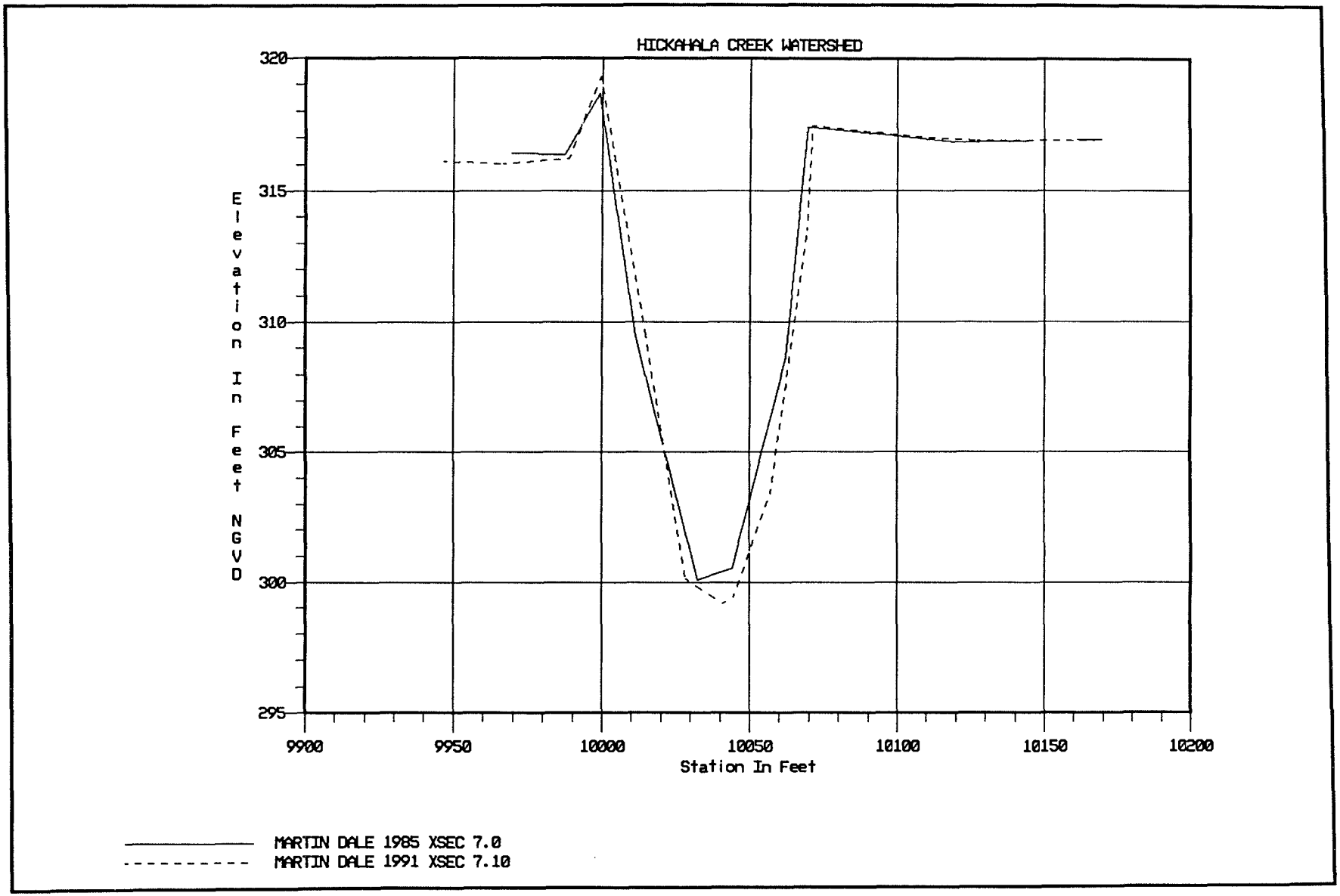
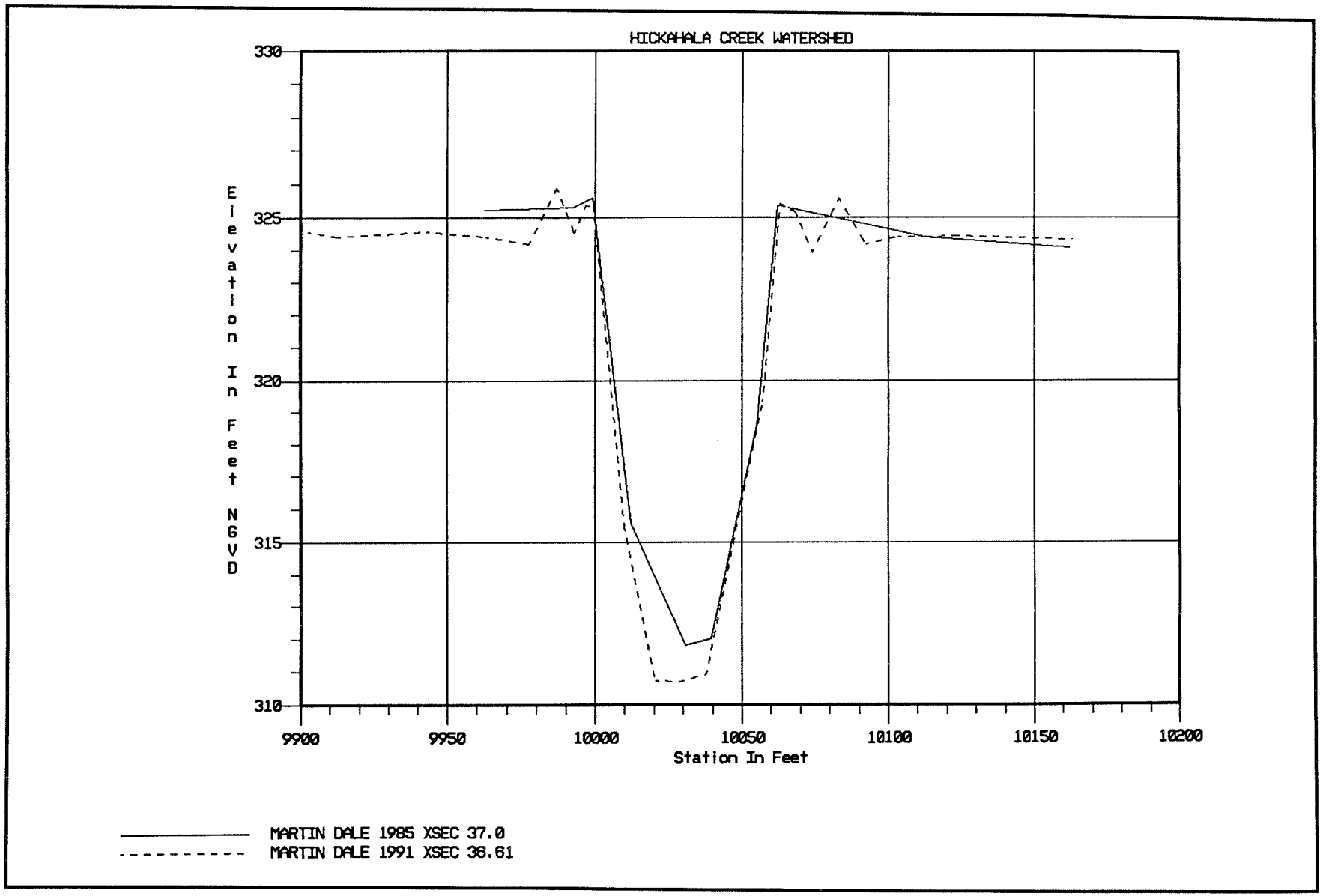

HICKAHALA CREEK WATERSHED
320
315
310
305
300
295
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MARTIN DALE 1985 XSEC 7.0
MARTIN DALE 1991 XSEC 7.10

PLATE A73

PLATE A74


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

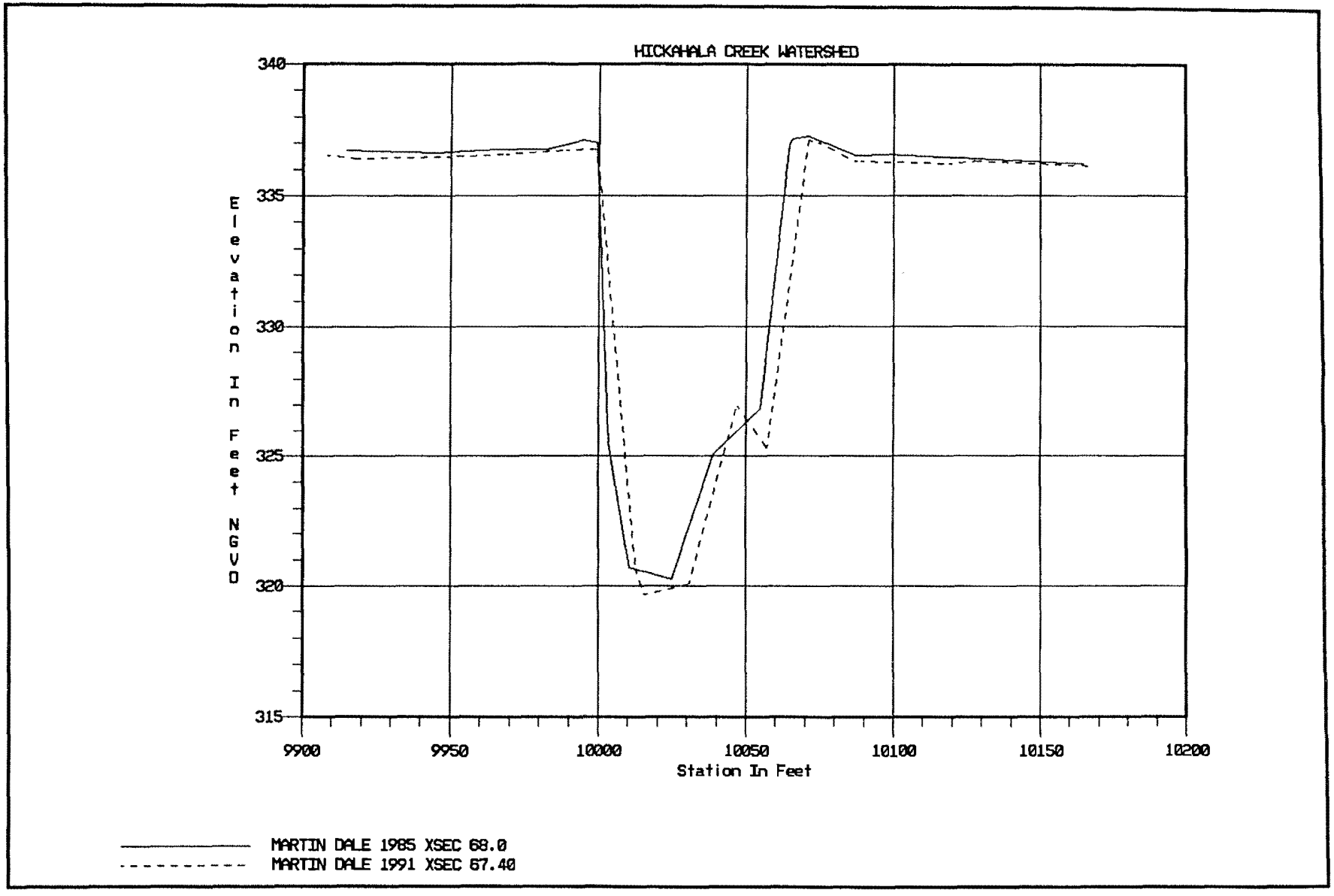
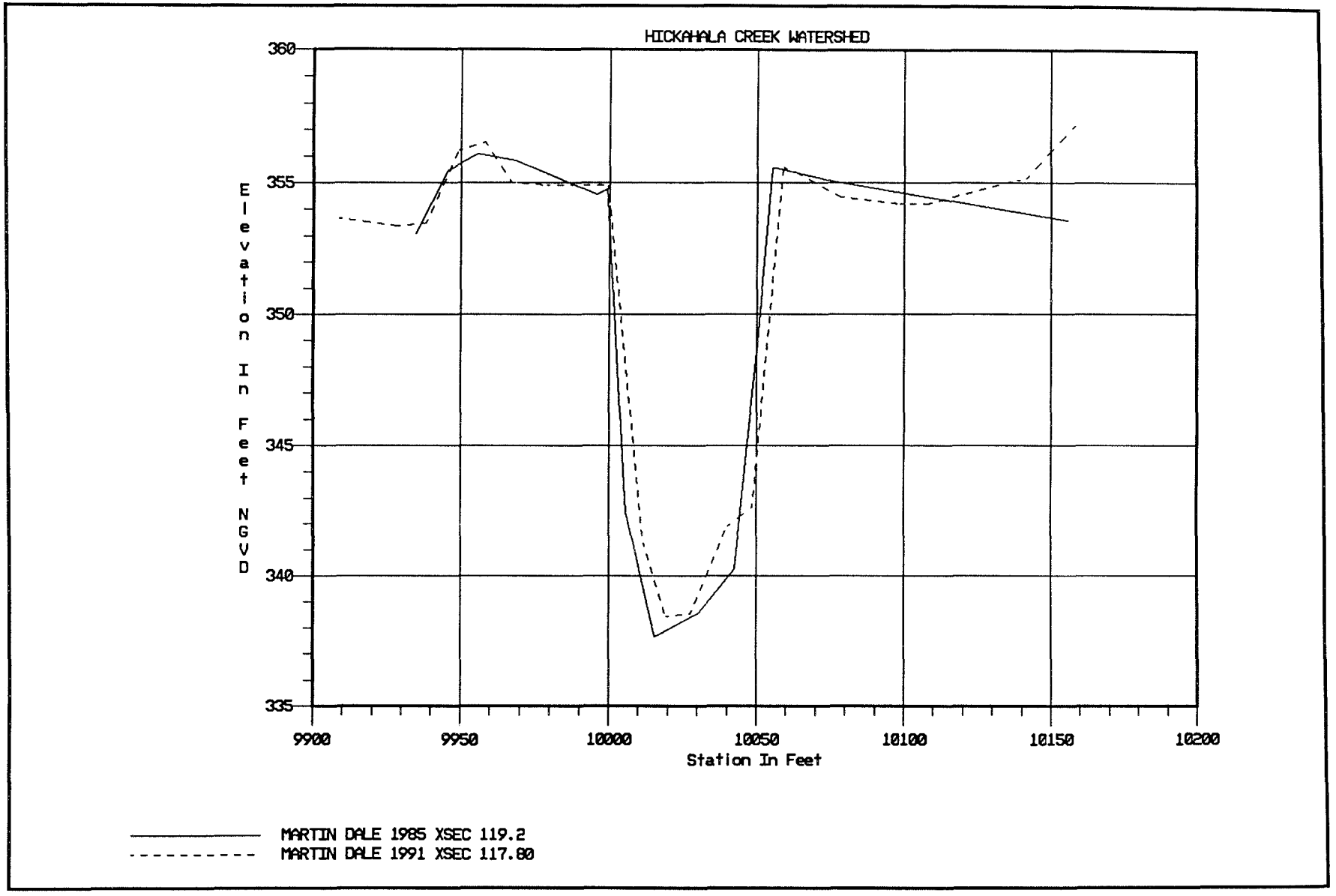

HICKAHALA CREEK WATERSHED
340
335
330
325
320
315
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MARTIN DALE 1985 XSEC 68.0
MARTIN DALE 1991 XSEC 67.40

PLATE A75

PLATE A76


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

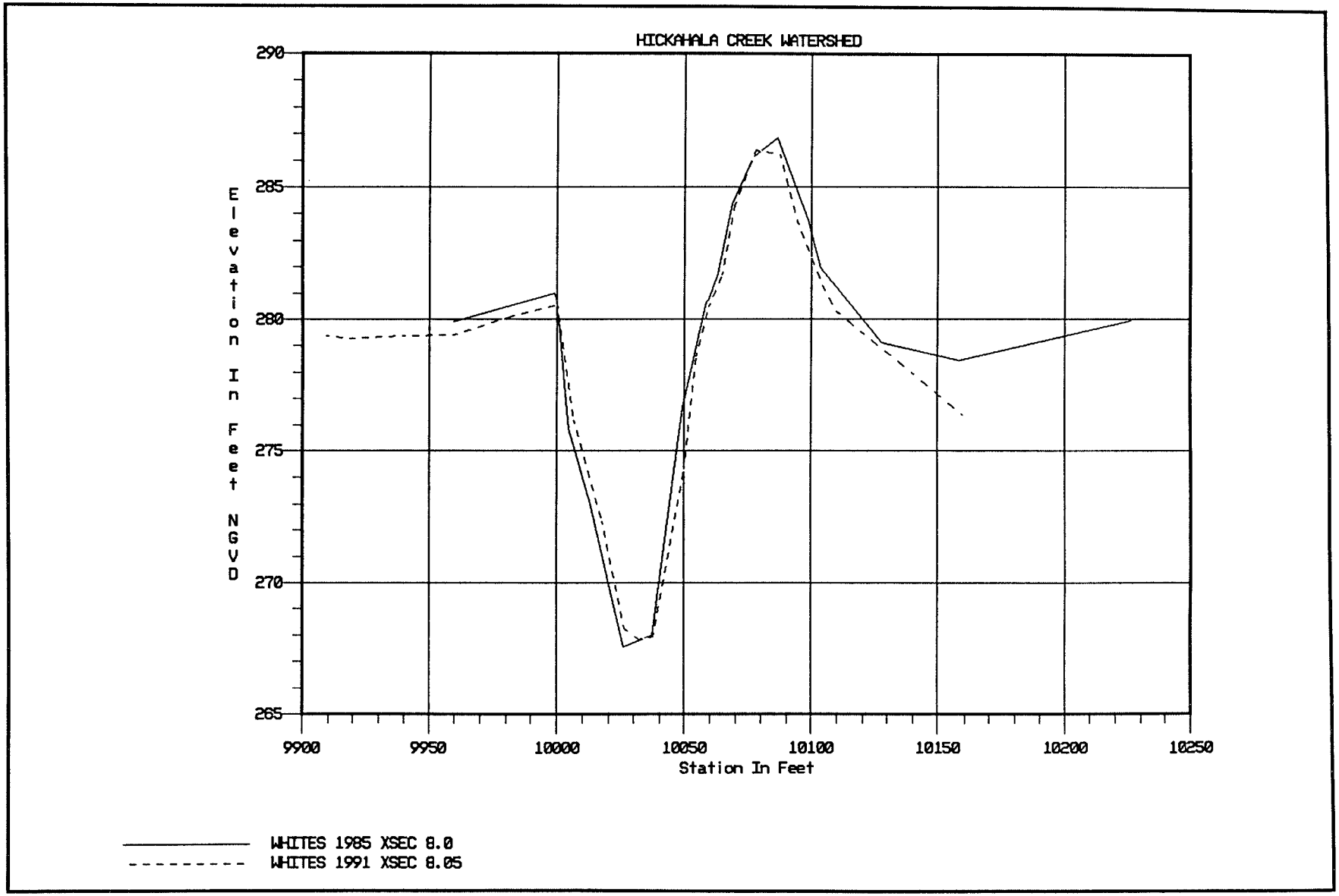
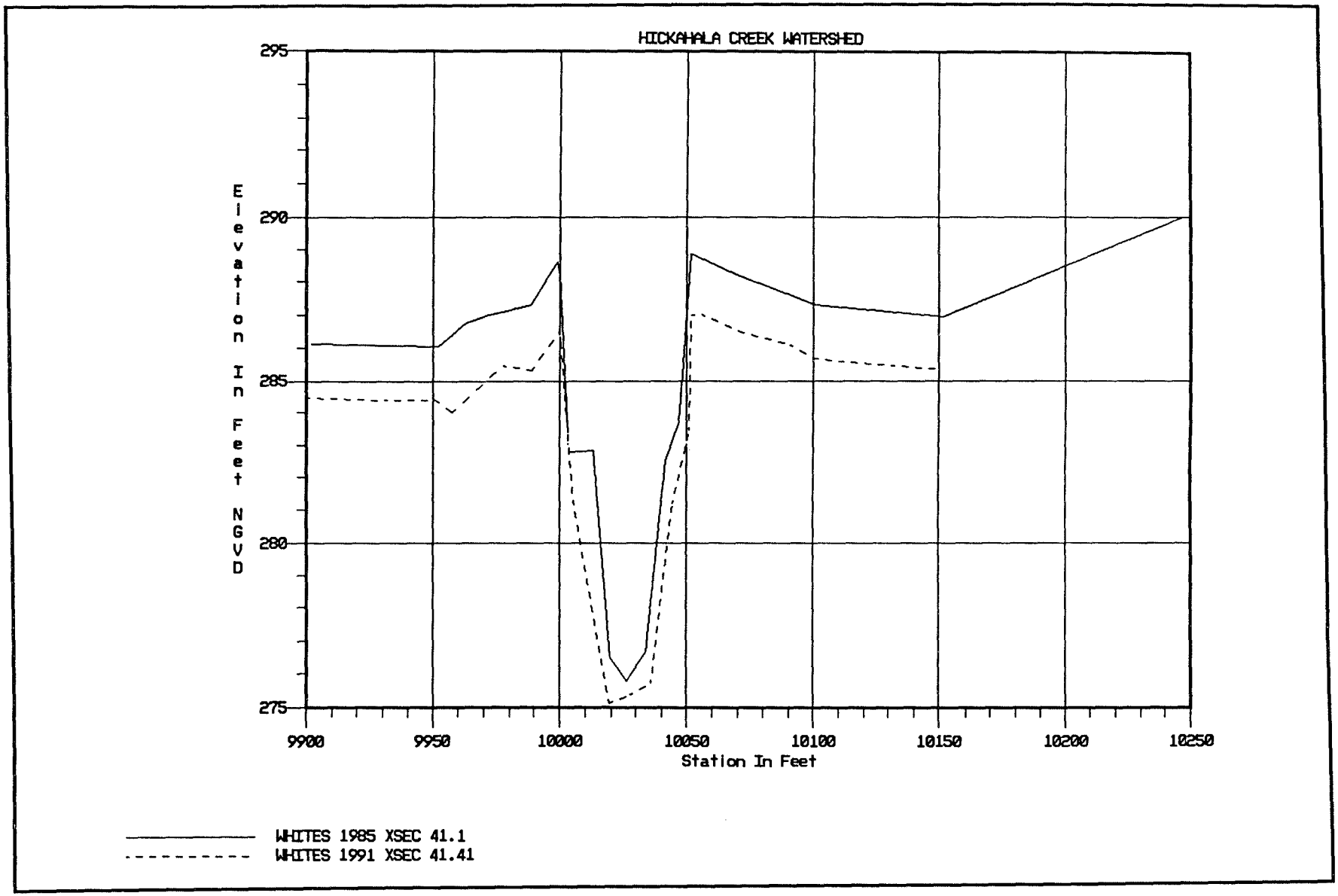

HICKAHALA CREEK WATERSHED
290
285
280
275
270
265
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
WHITES 1985 XSEC 8.0
WHITES 1991 XSEC 8.05

PLATE A77

PLATE A78


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

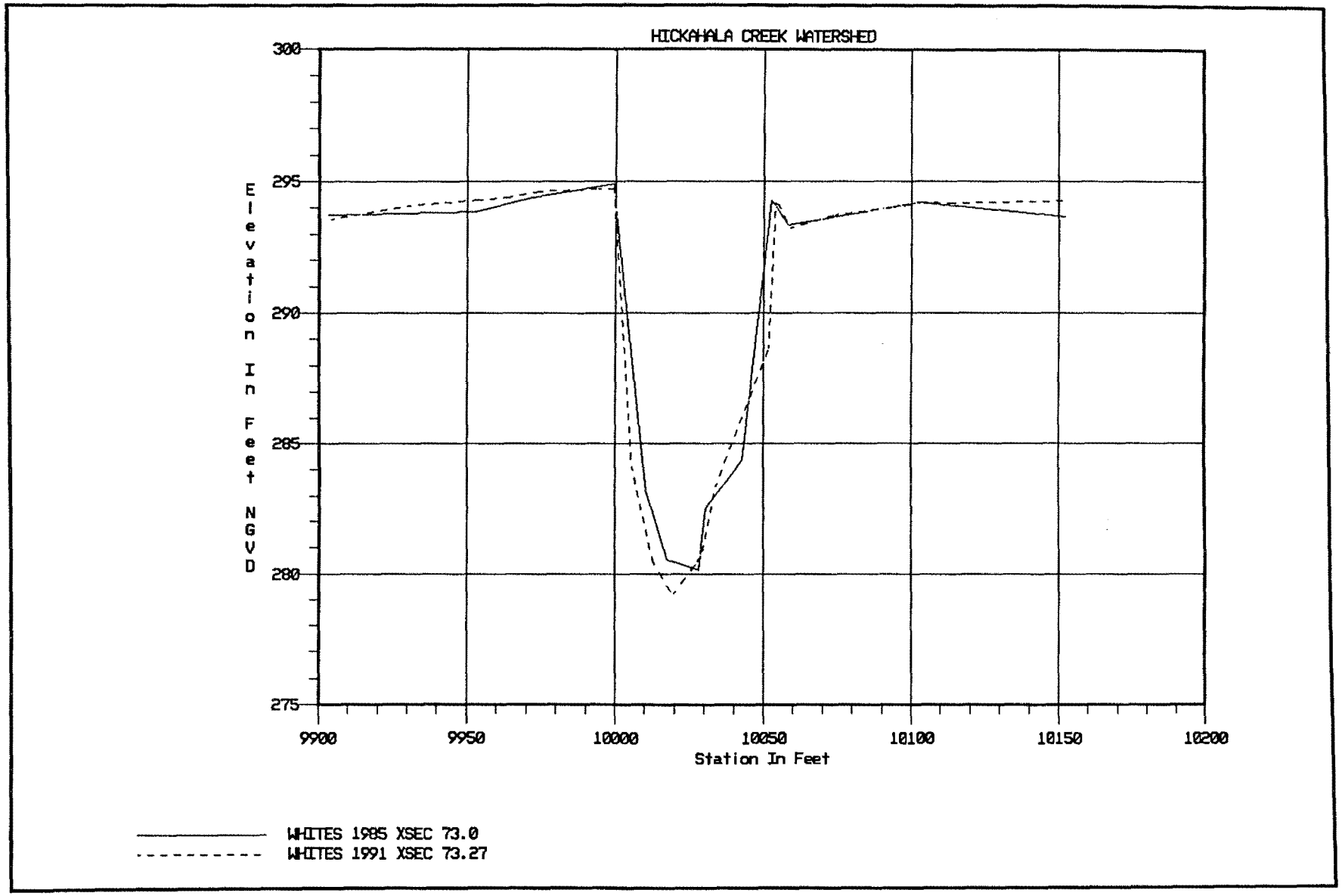
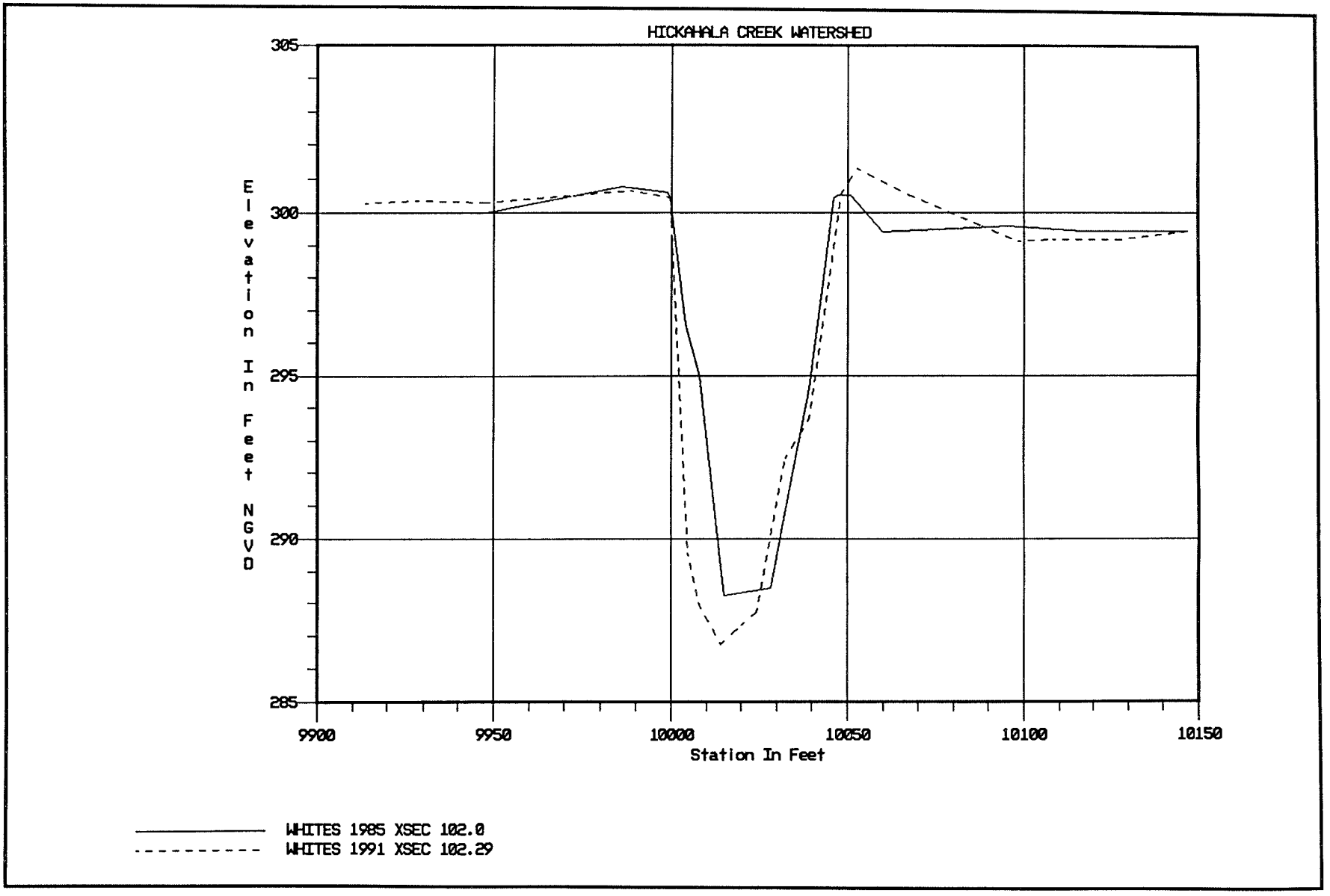

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
300
295
290
285
280
275
9900
9950
10000
10050
10100
10150
10200
Station In Feet
WHITES 1985 XSEC 73.0
WHITES 1991 XSEC 73.27

PLATE A79

PLATE A80


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

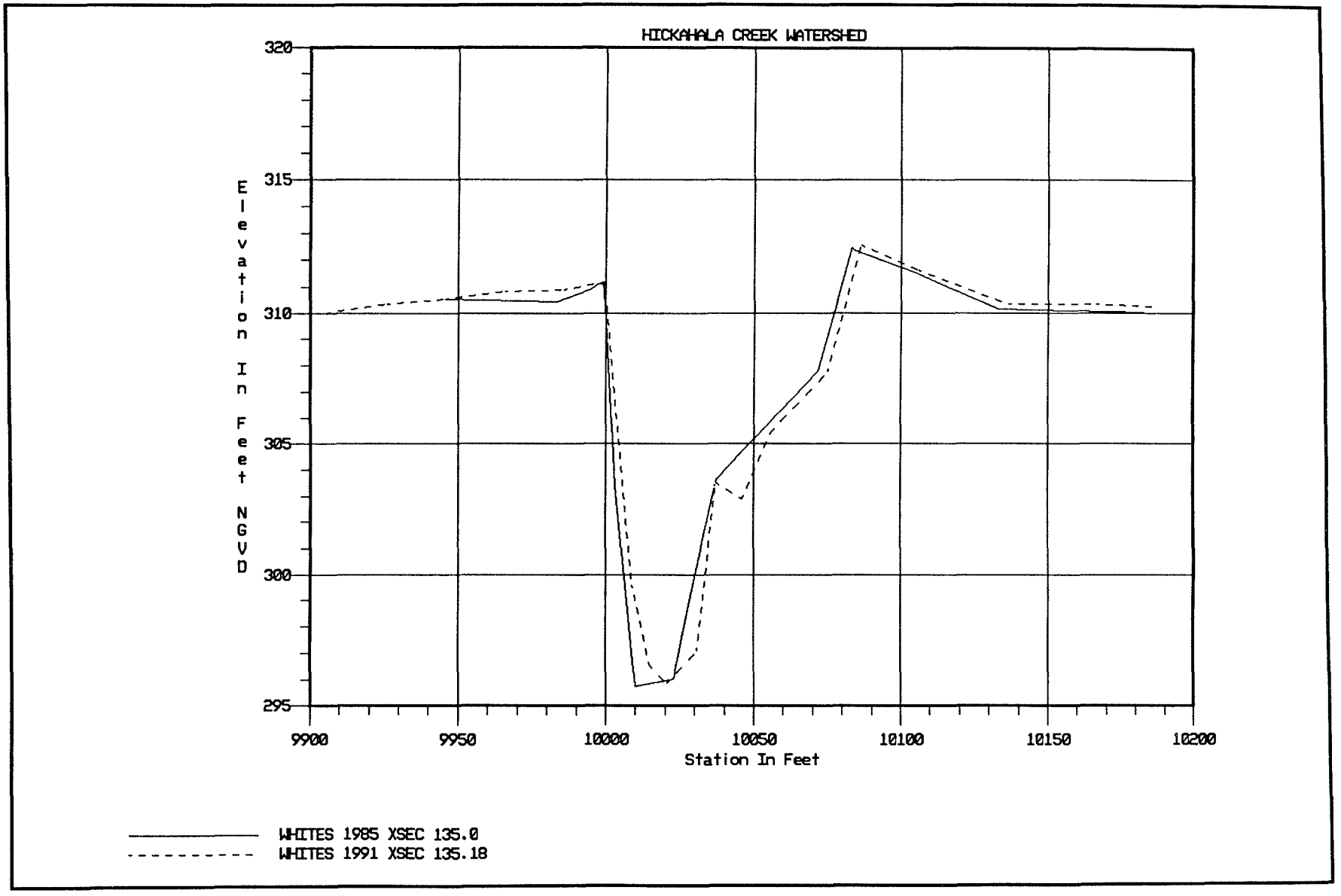
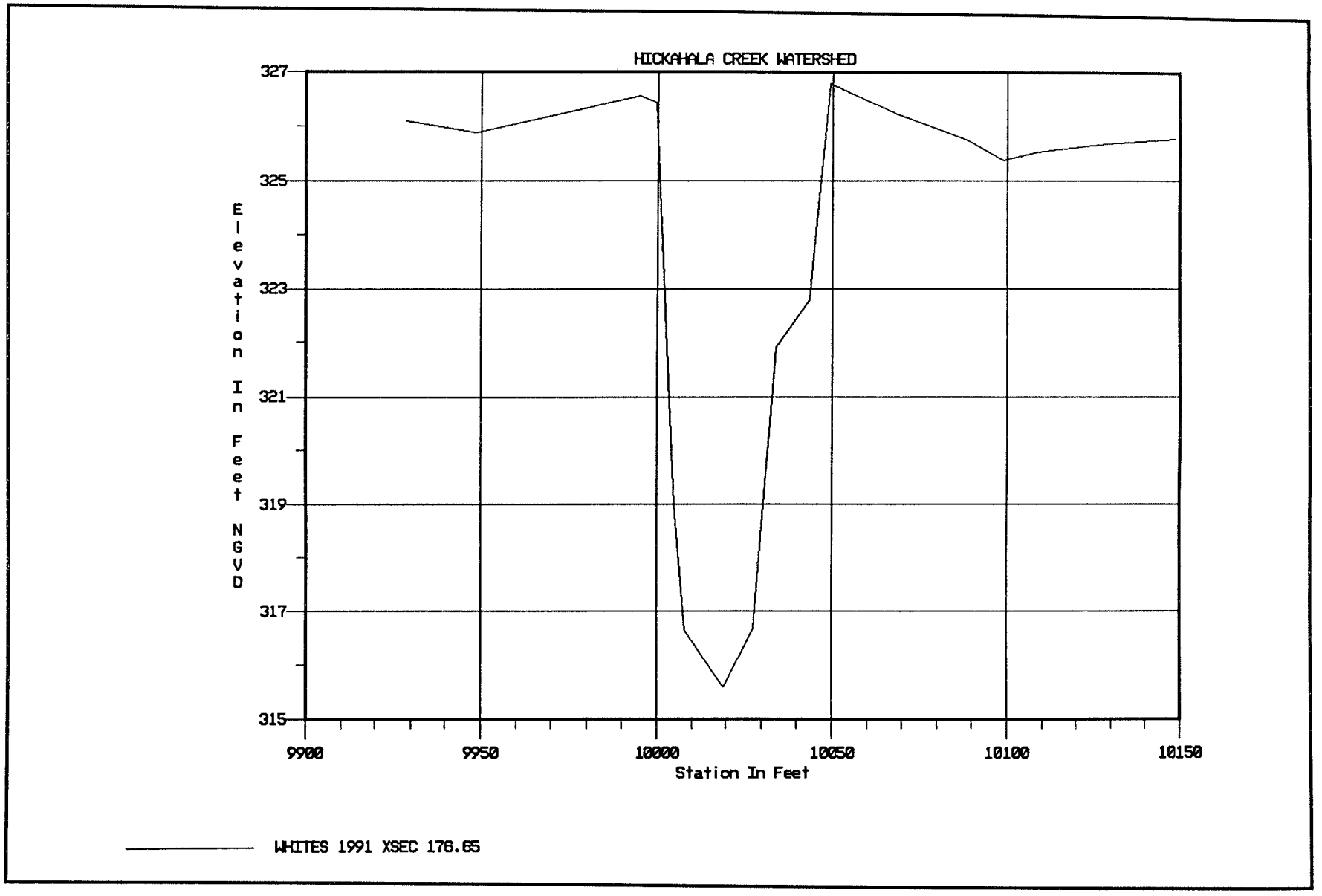

HICKAHALA CREEK WATERSHED
320
315
310
305
300
295
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
WHITES 1985 XSEC 135.0
WHITES 1991 XSEC 135.18

PLATE A81

PLATE A82


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

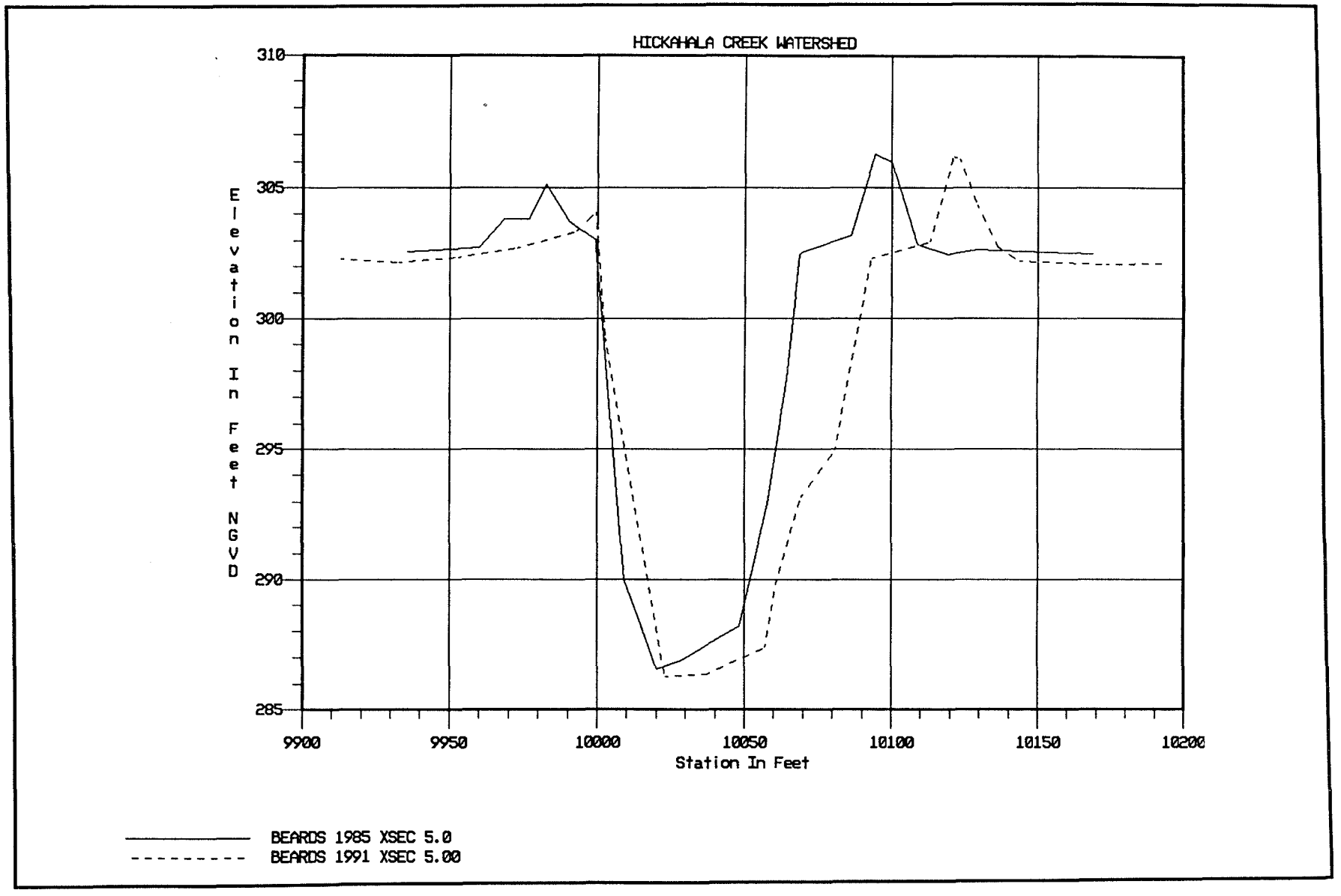
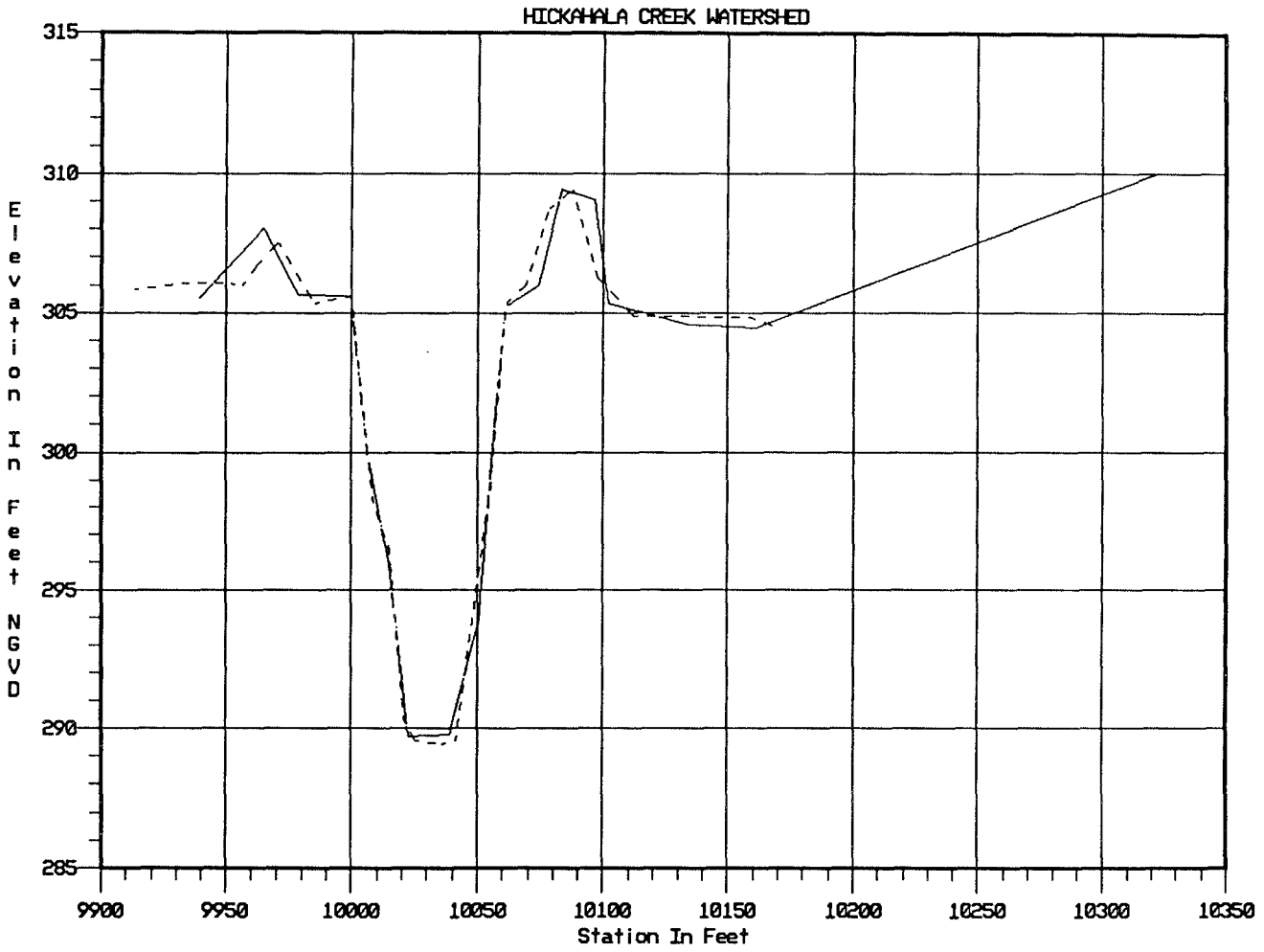

HICKAHALA CREEK WATERSHED
310
305
300
295
290
285
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BEARDS 1985 XSEC 5.0
BEARDS 1991 XSEC 5.00

PLATE A83

PLATE A84


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

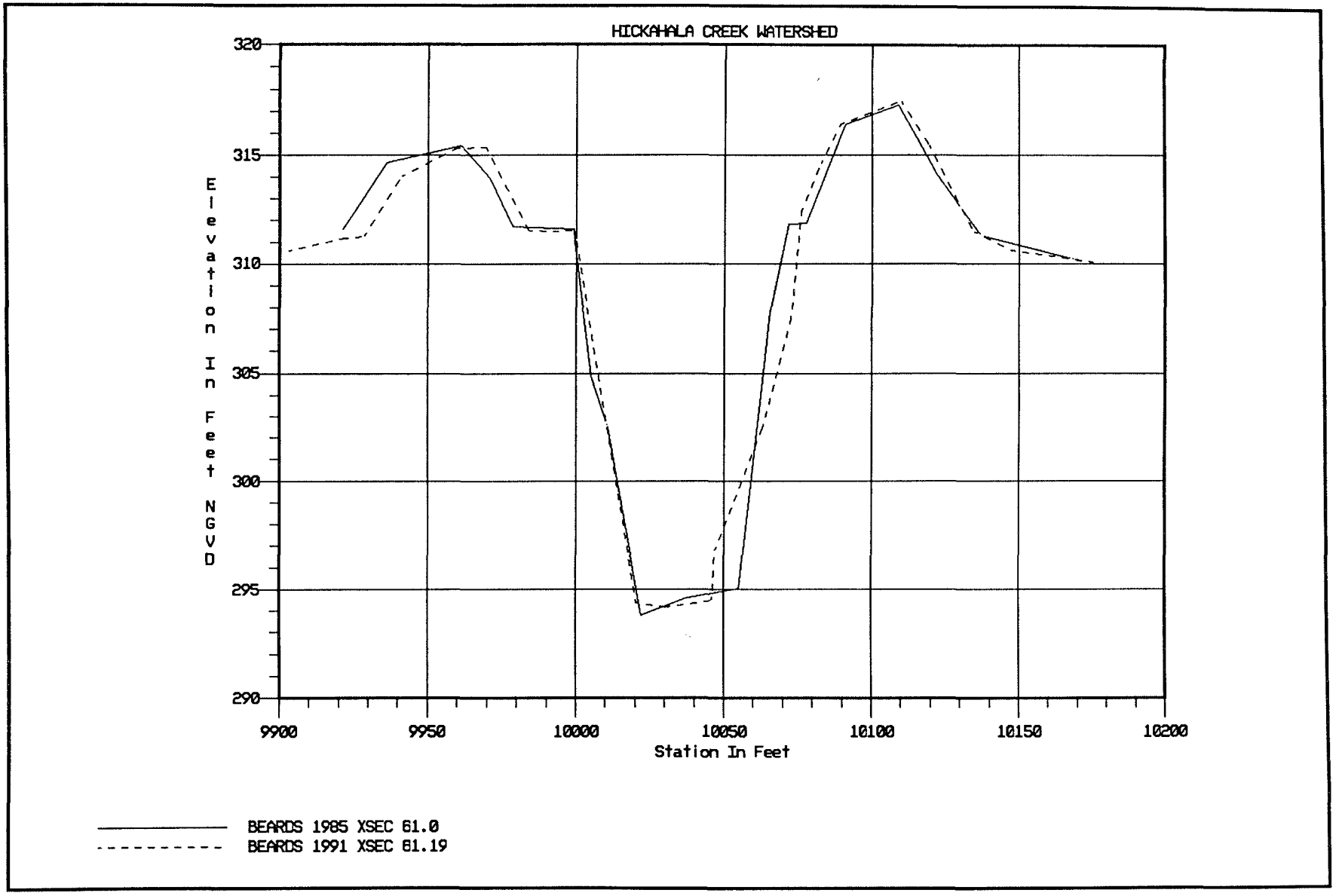
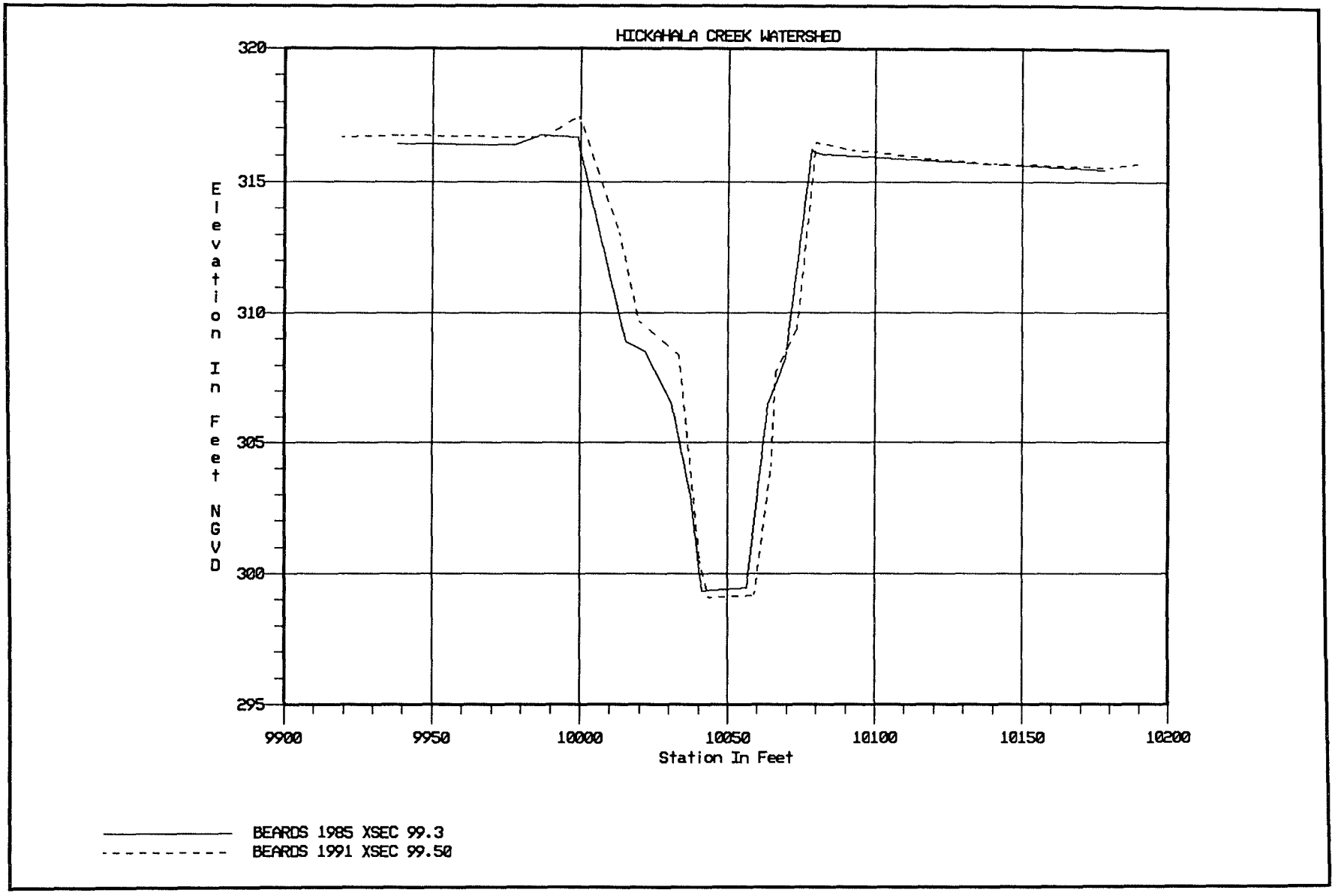

HICKAHALA CREEK WATERSHED
320
315
310
305
300
295
290
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BEARDS 1985 XSEC 61.0
BEARDS 1991 XSEC 61.19

PLATE A85

PLATE A86


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

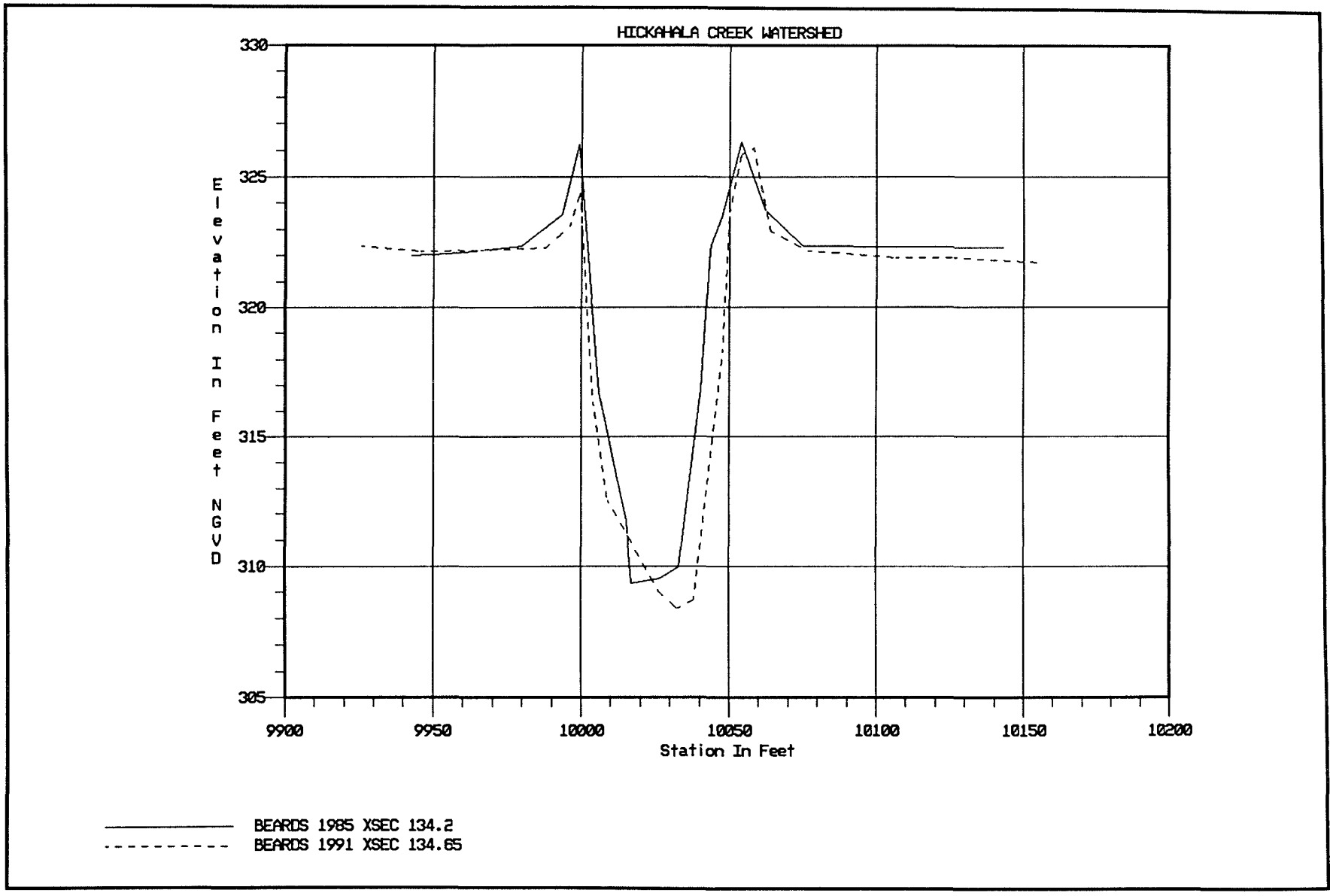
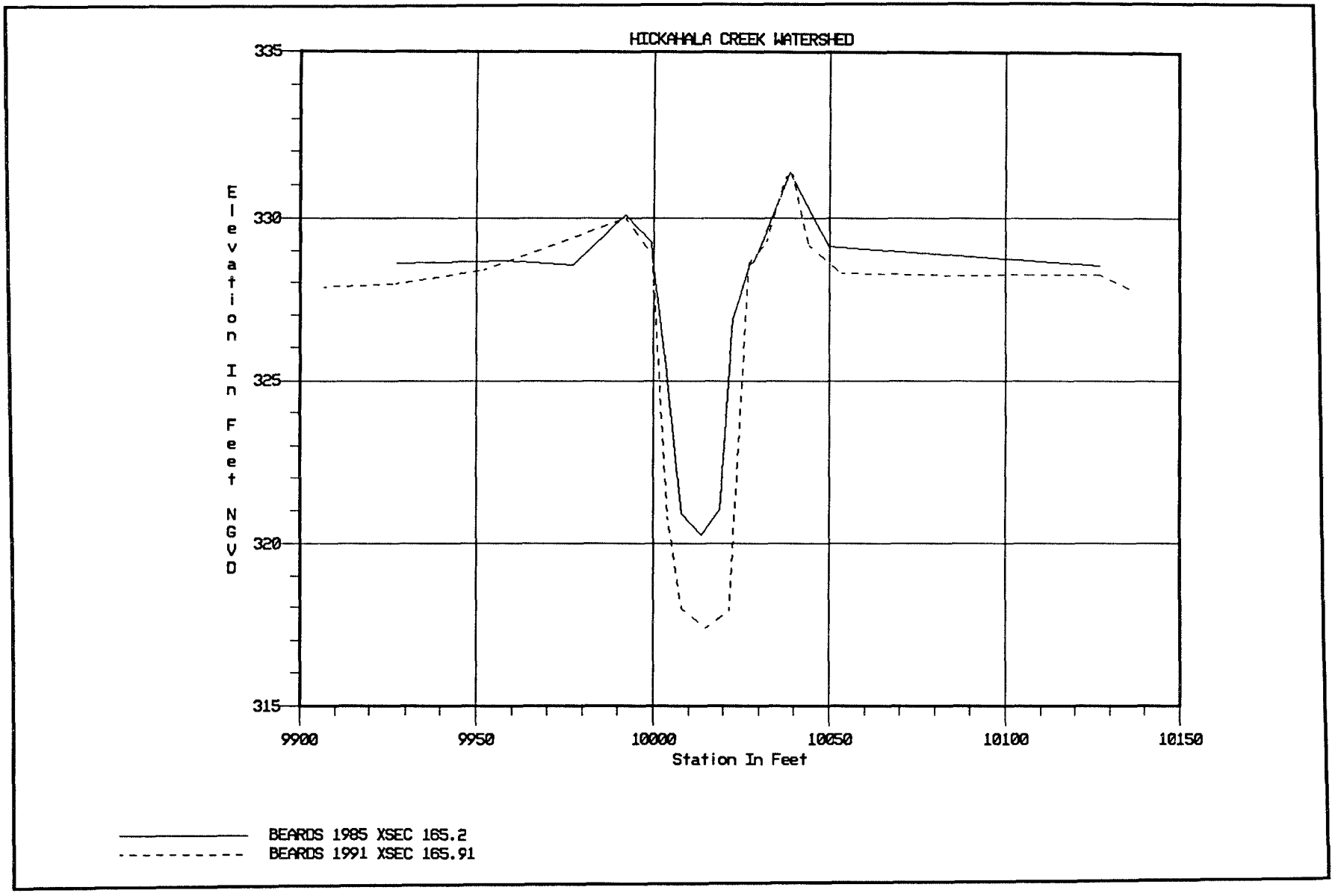

HICKAHALA CREEK WATERSHED
330
325
320
315
310
305
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BEARDS 1985 XSEC 134.2
BEARDS 1991 XSEC 134.65

PLATE A87

PLATE A88


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

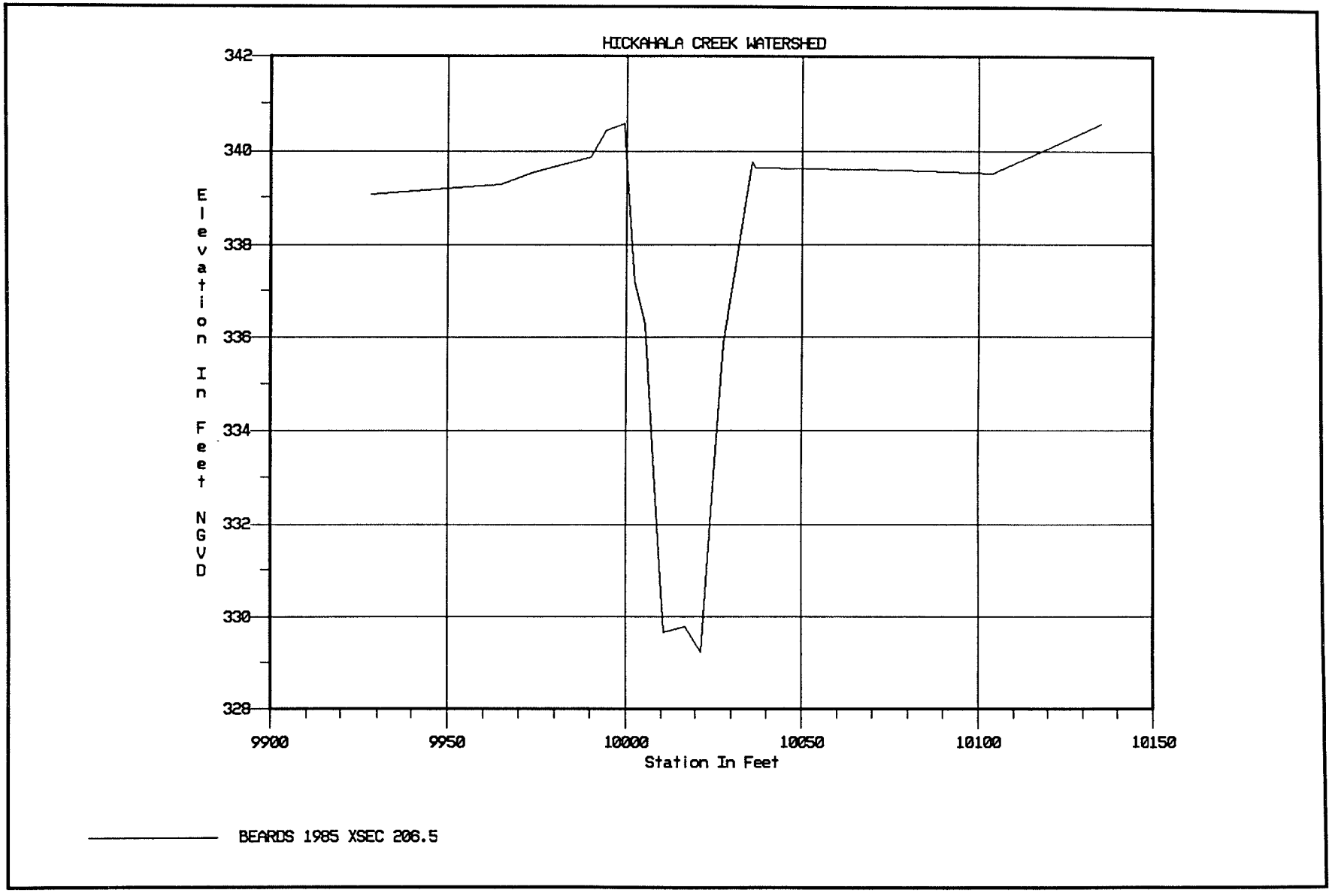
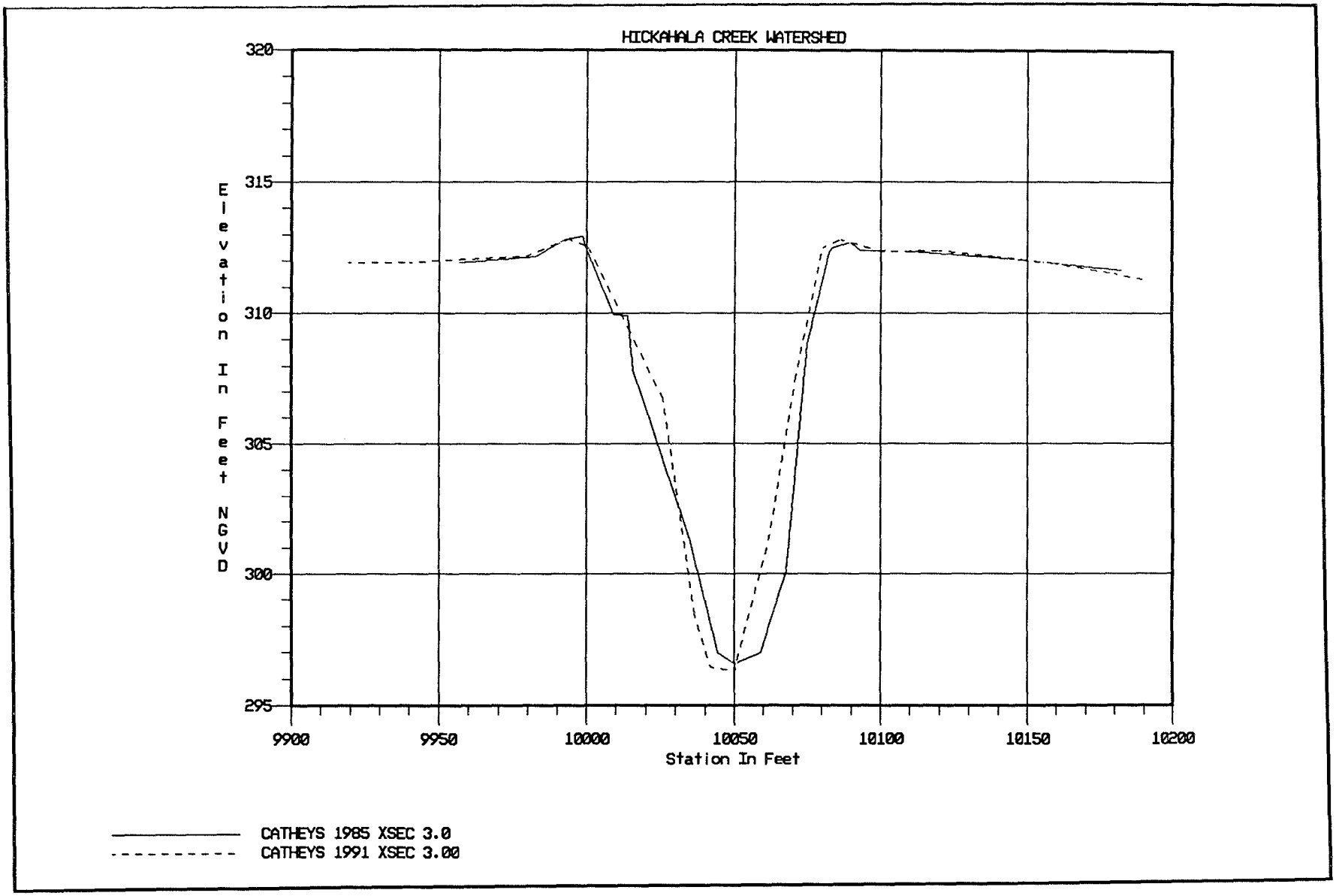

HICKAHALA CREEK WATERSHED
342
340
338
336
334
332
330
328
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
Station In Feet
BEARDS 1985 XSEC 206.5

PLATE A89

PLATE A90


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

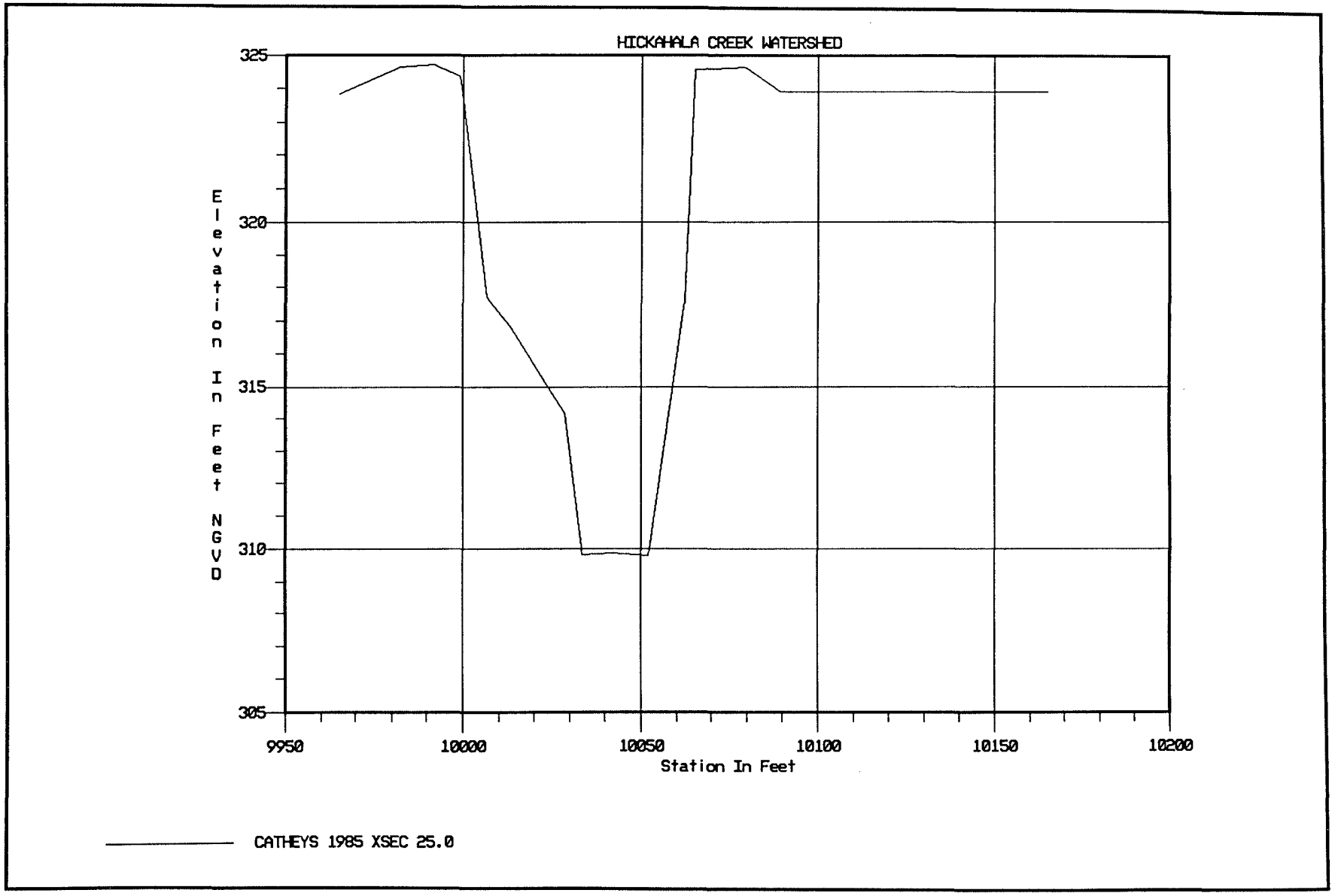
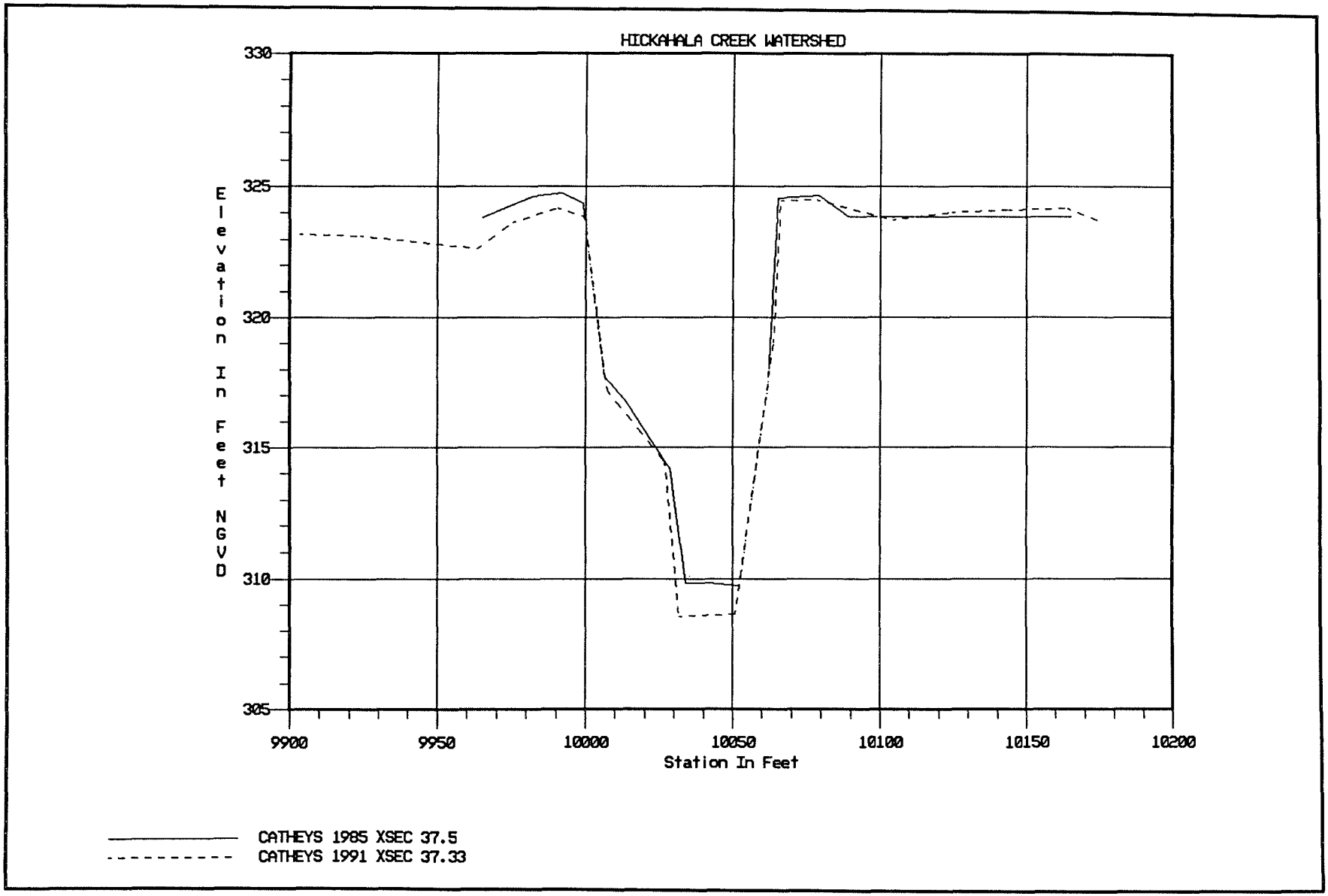

HICKAHALA CREEK WATERSHED
325
320
315
310
305
Elevation In Feet NGVD
9950
10000
10050
10100
10150
10200
Station In Feet
CATHEYS 1985 XSEC 25.0

PLATE A91

PLATE A92


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

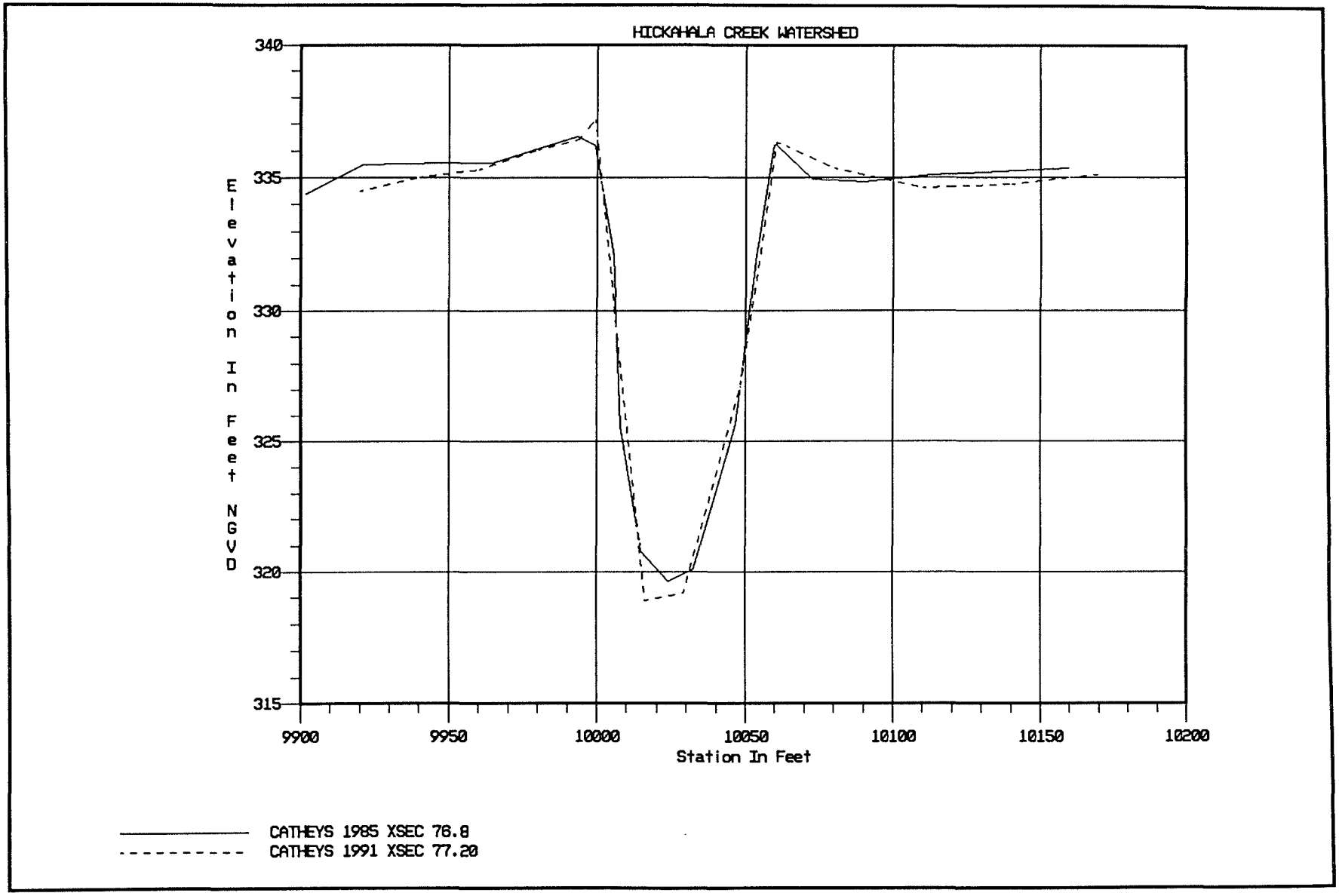
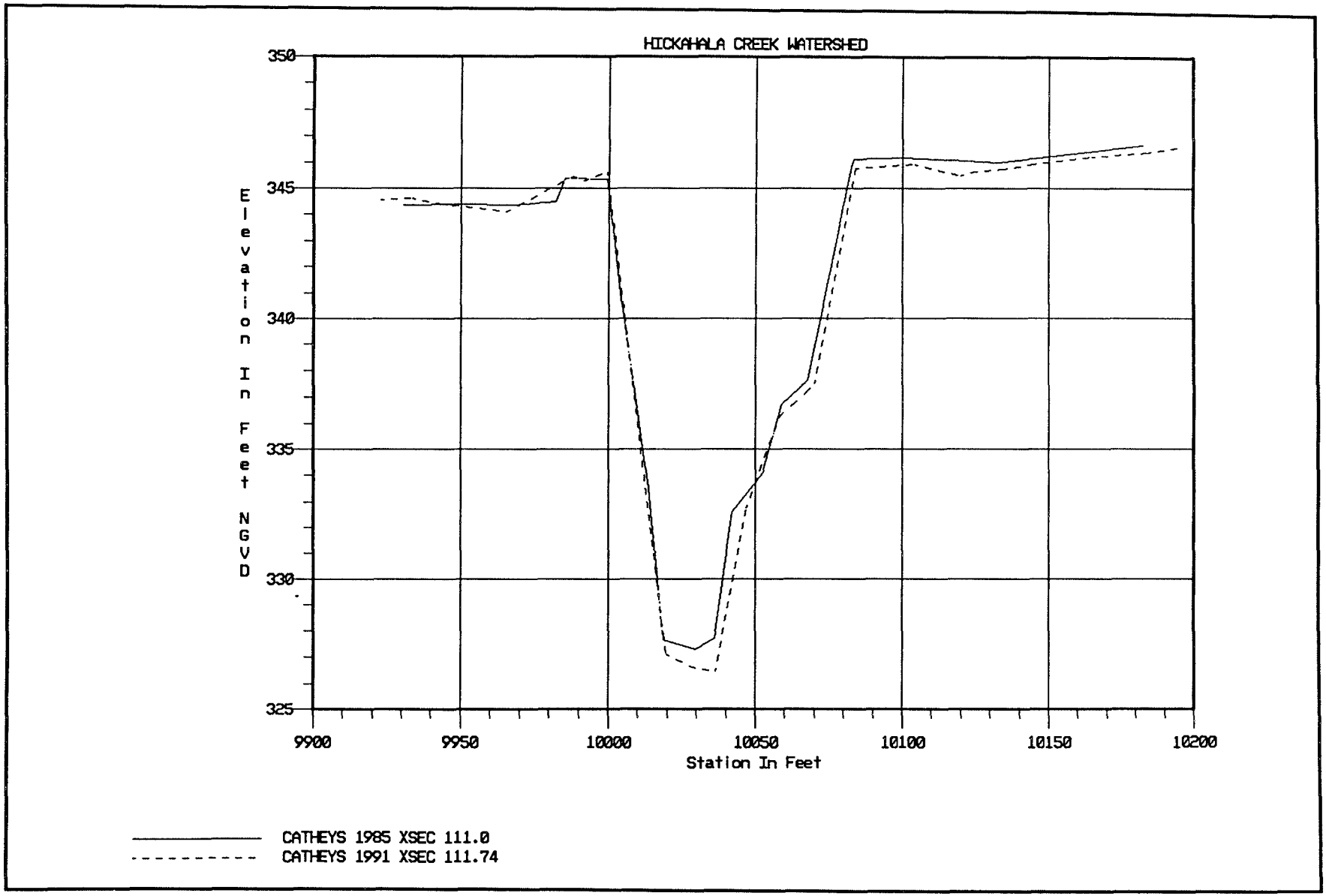

HICKAHALA CREEK WATERSHED
340
335
330
325
320
315
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
CATHEYS 1985 XSEC 76.8
CATHEYS 1991 XSEC 77.20

PLATE A93

PLATE A94


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
350
345
340
335
330
325
9900
9950
10000
10050
10100
10150
10200
Station In Feet
CATHEYS 1985 XSEC 111.0
CATHEYS 1991 XSEC 111.74

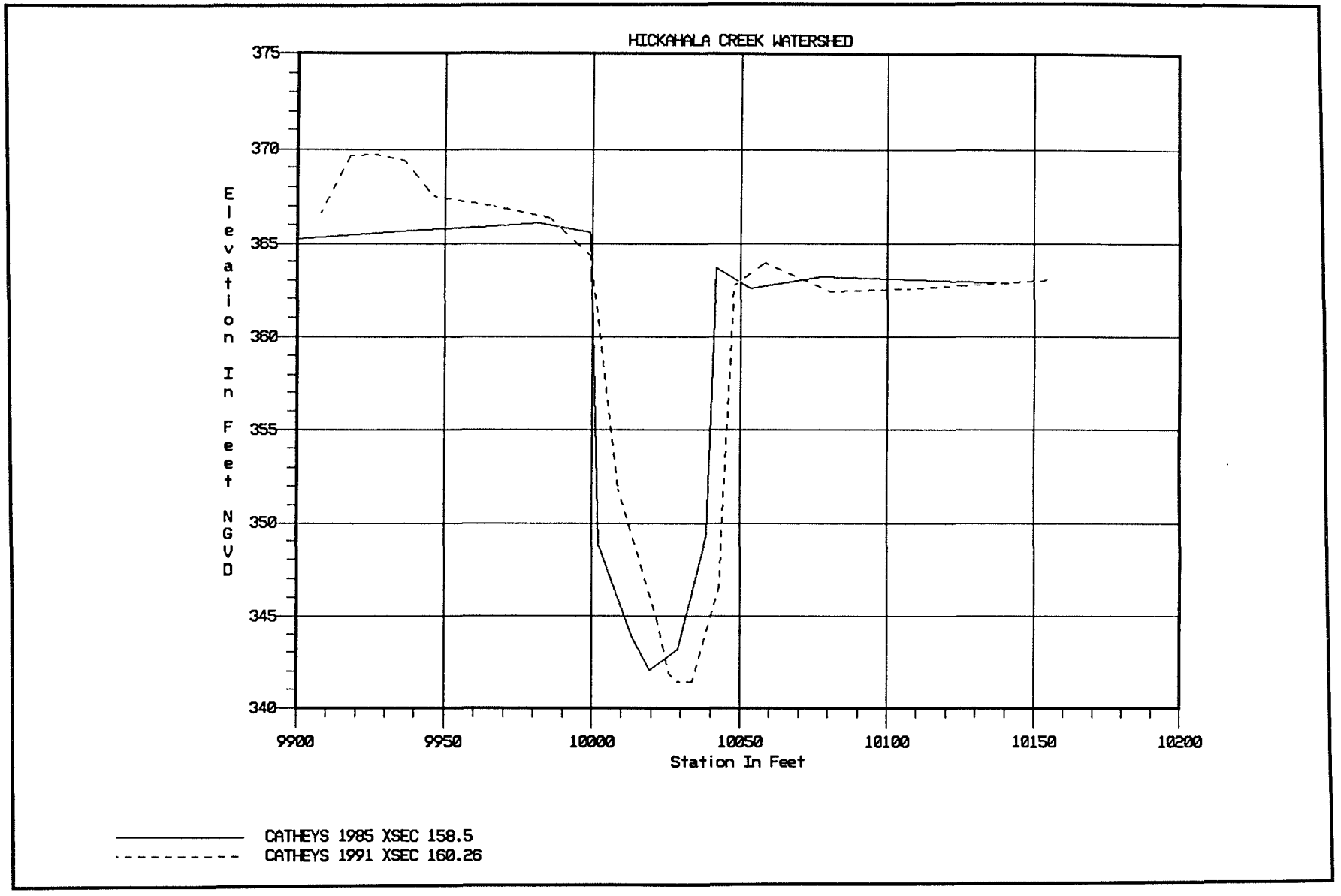
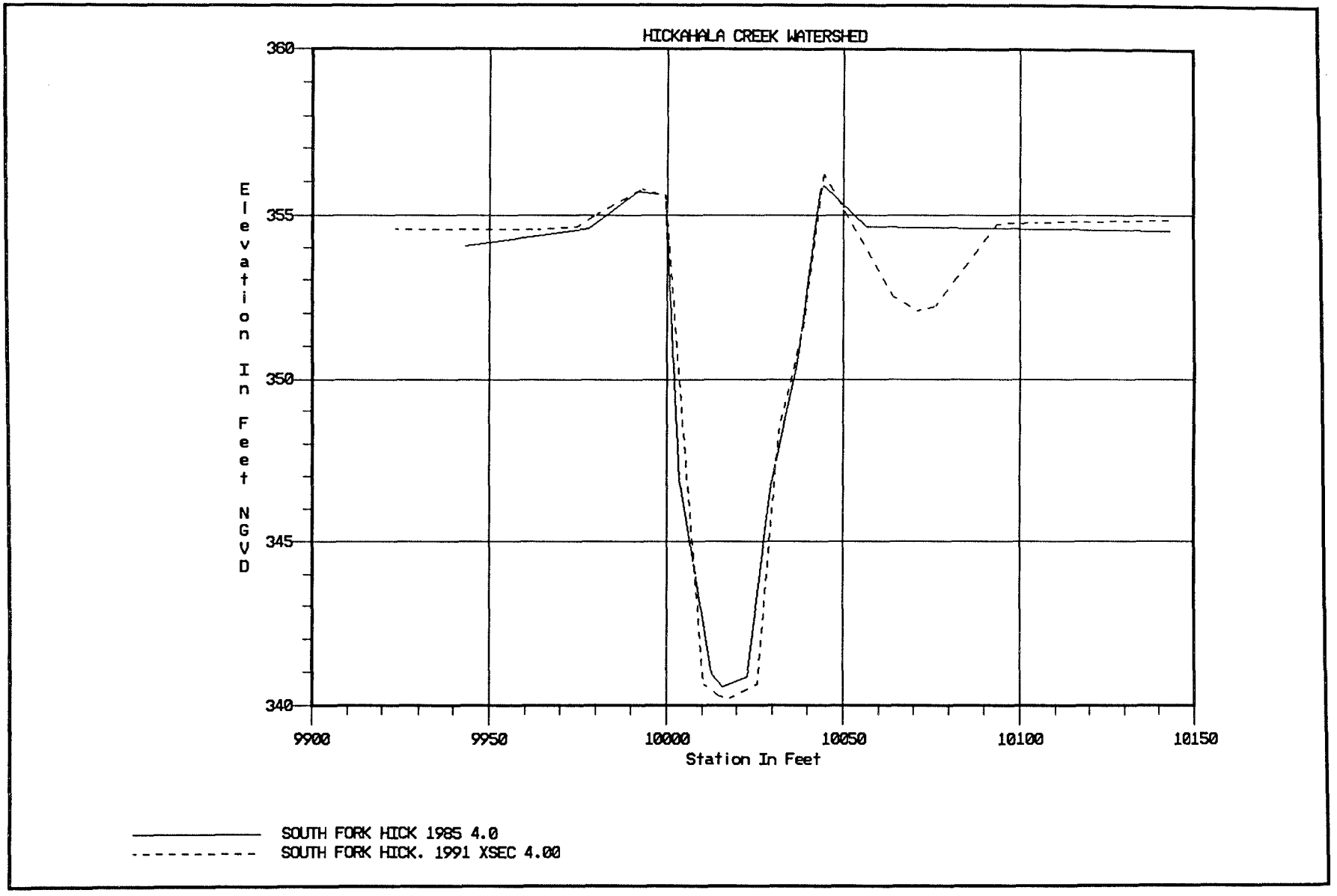

HICKAHALA CREEK WATERSHED
375
370
365
360
355
350
345
340
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
CATHEYS 1985 XSEC 158.5
CATHEYS 1991 XSEC 160.26

PLATE A95

PLATE A96


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

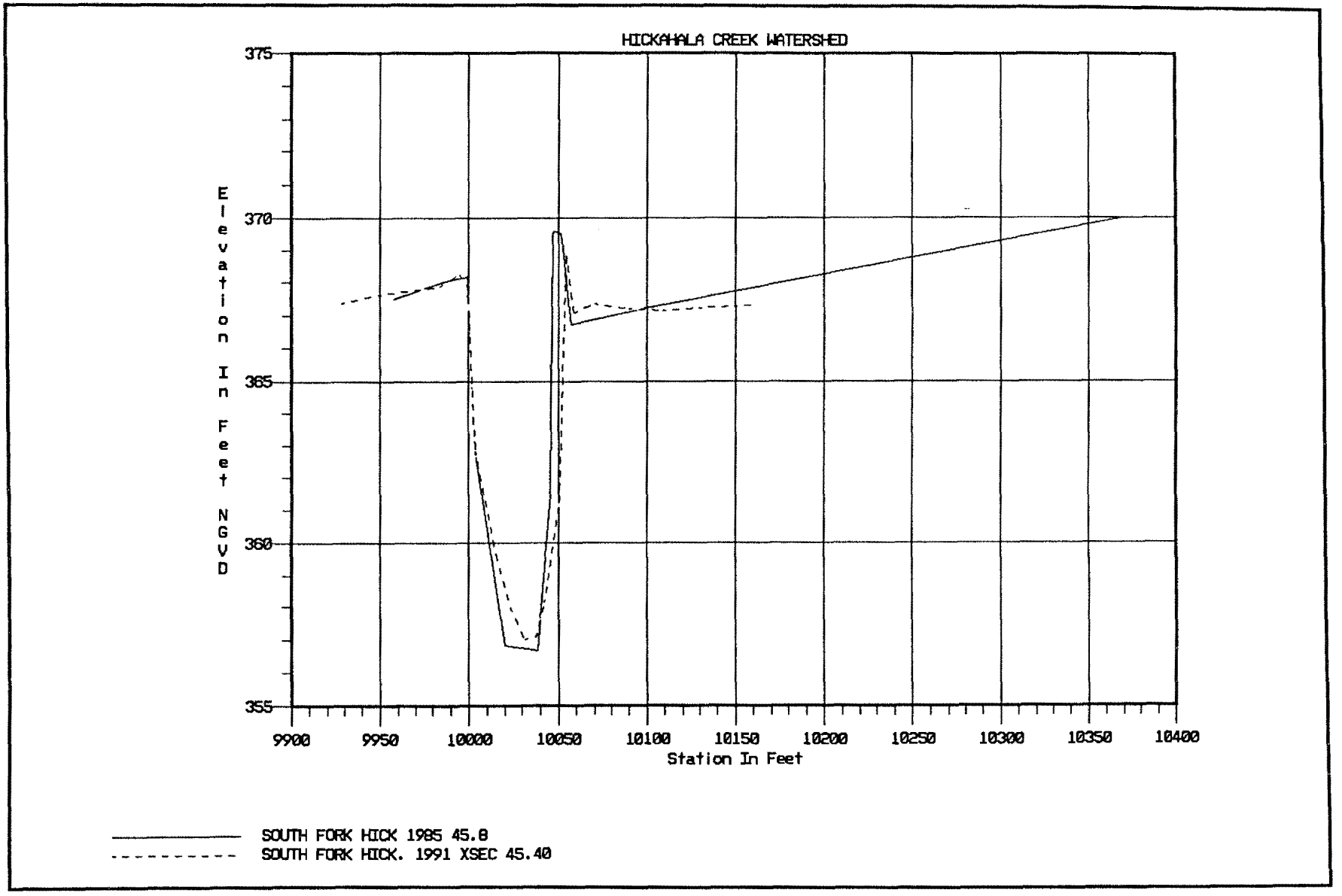
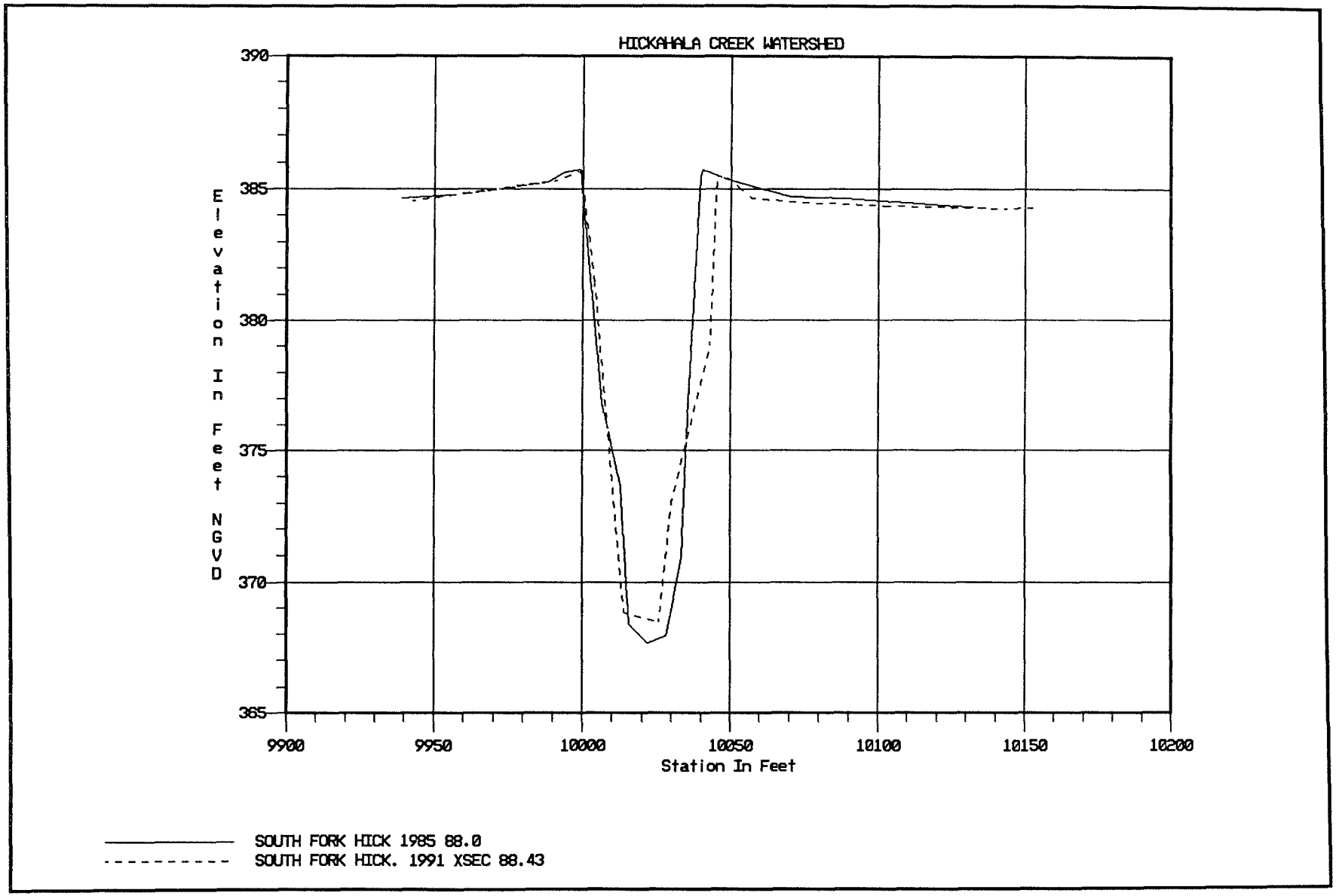

HICKAHALA CREEK WATERSHED
375
370
365
360
355
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
10400
Station In Feet
SOUTH FORK HICK 1985 45.8
SOUTH FORK HICK. 1991 XSEC 45.40

PLATE A97

PLATE A98


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

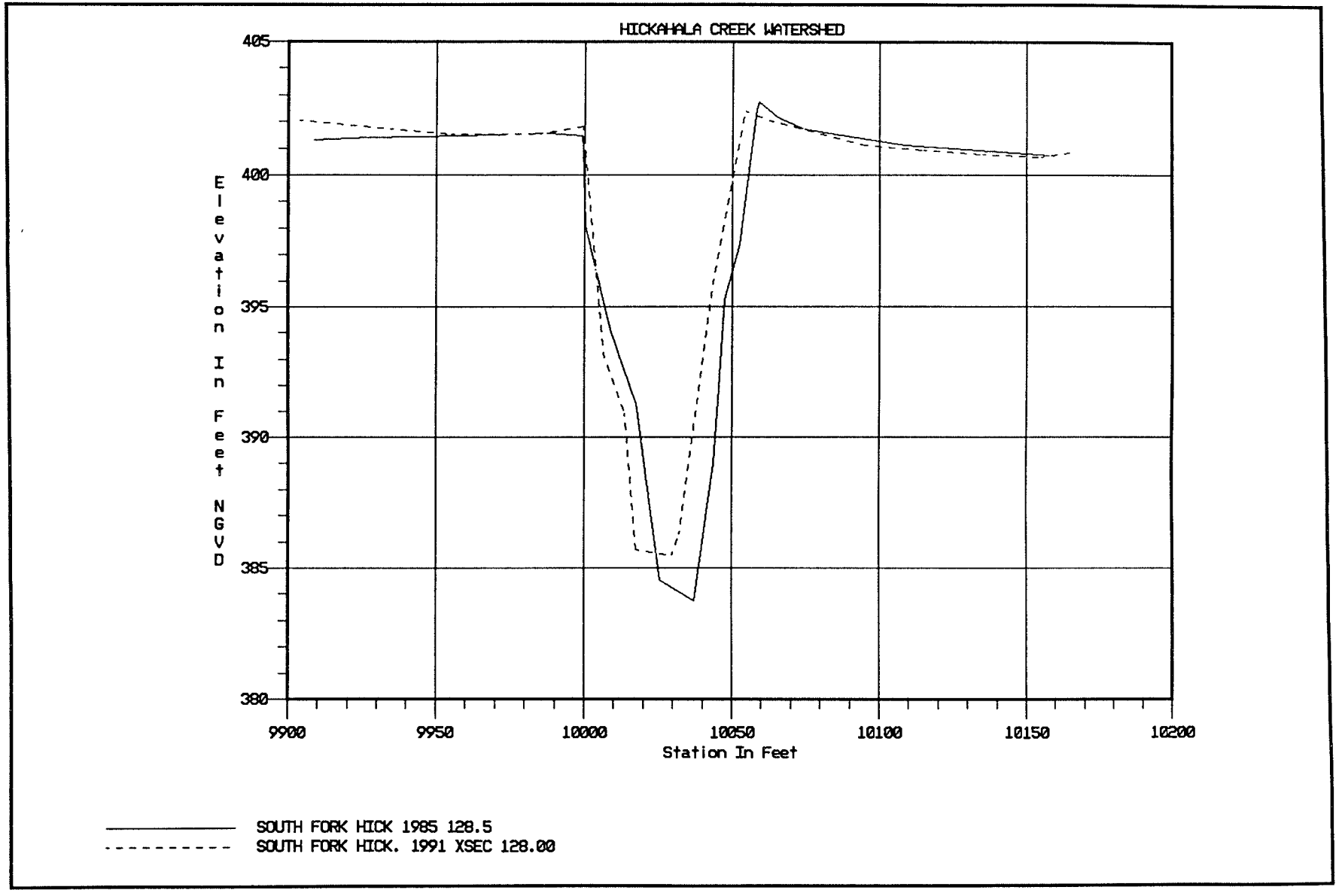
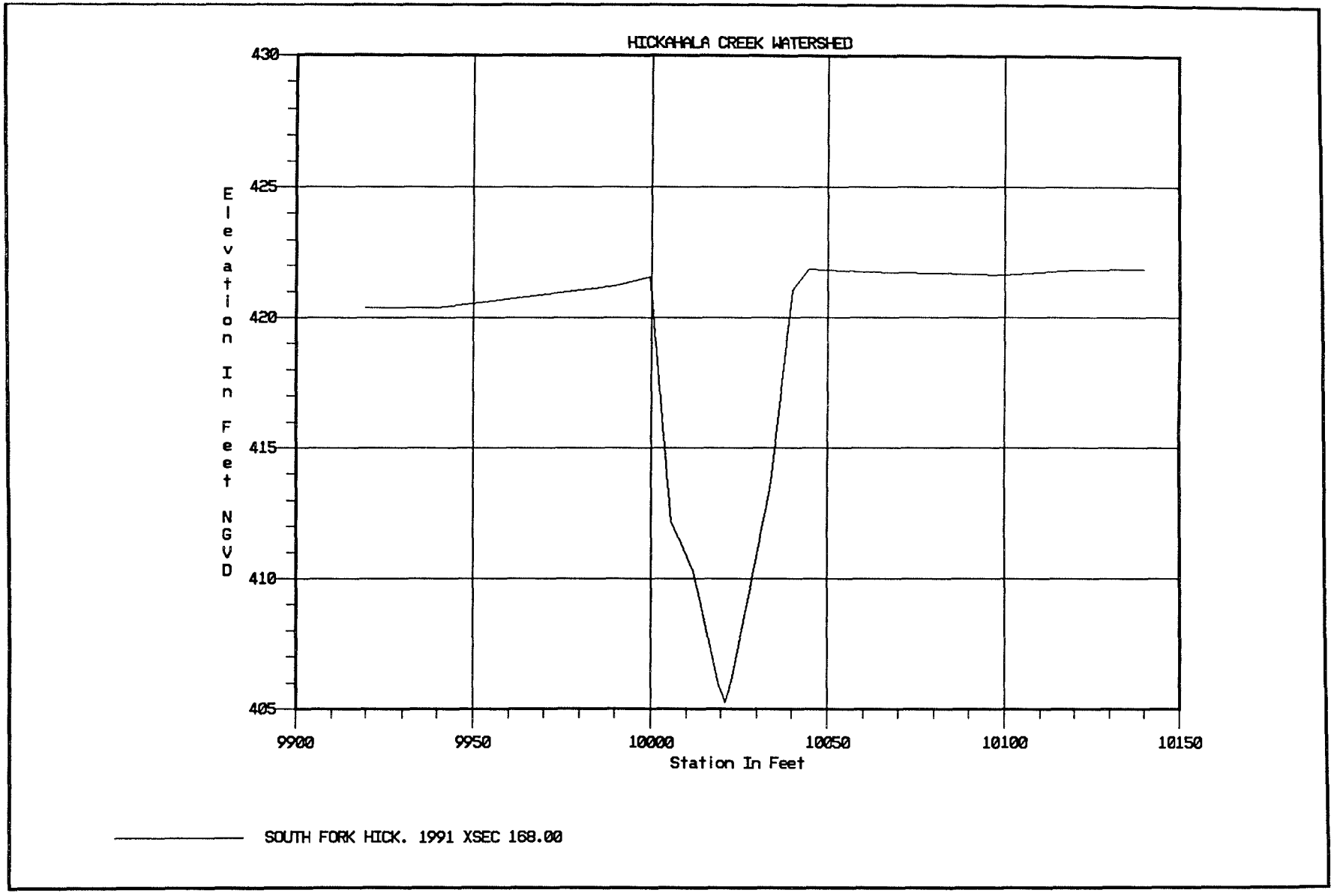

HICKAHALA CREEK WATERSHED
405
400
395
390
385
380
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
SOUTH FORK HICK 1985 128.5
SOUTH FORK HICK. 1991 XSEC 128.00

PLATE A99

PLATE A100


HICKAHALA CREEK WATERSHED
430
425
420
415
410
405
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
Station In Feet
SOUTH FORK HICK. 1991 XSEC 168.00

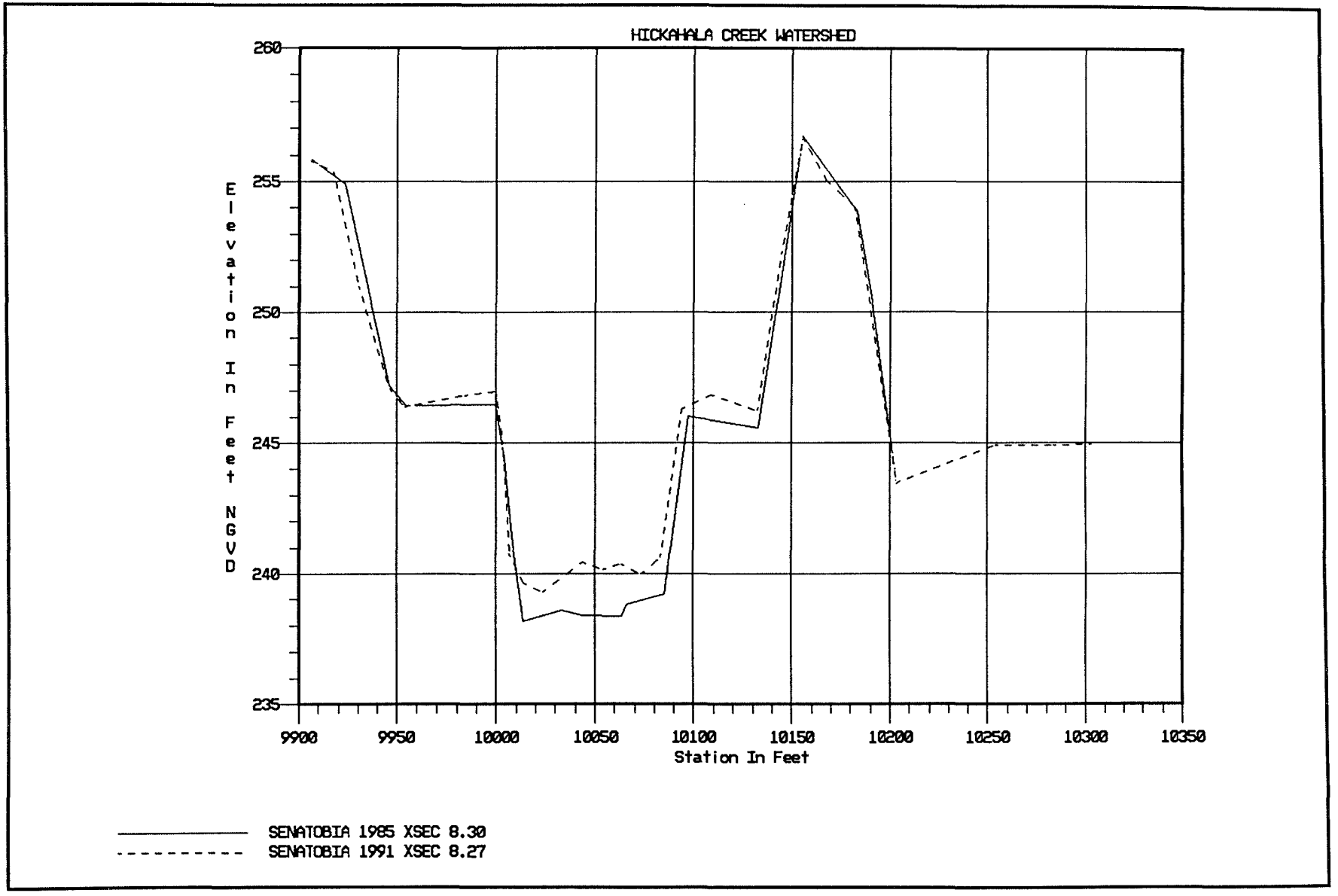
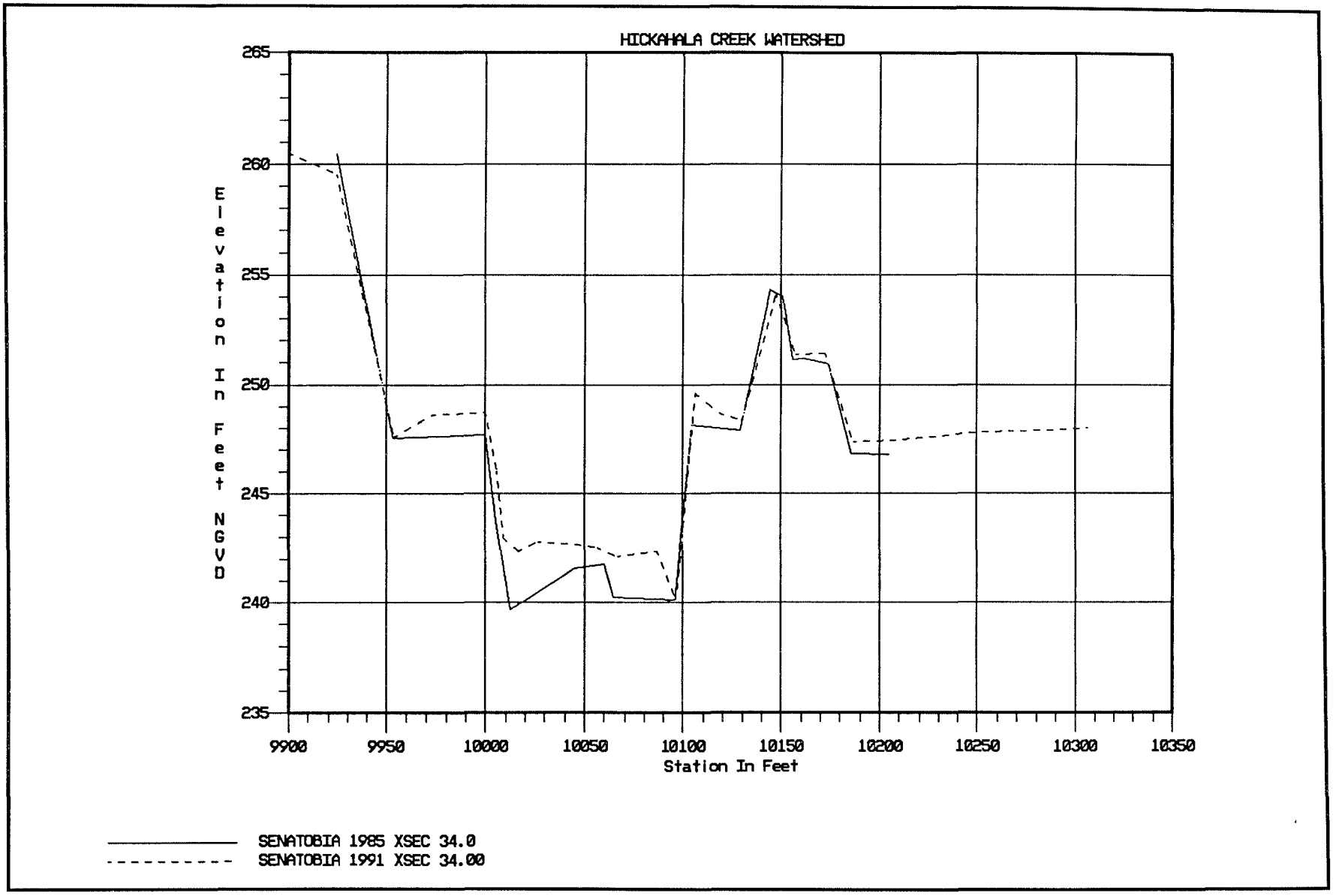

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
260
255
250
245
240
235
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
SENATOBIA 1985 XSEC 8.30
SENATOBIA 1991 XSEC 8.27

PLATE A101

PLATE A102


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

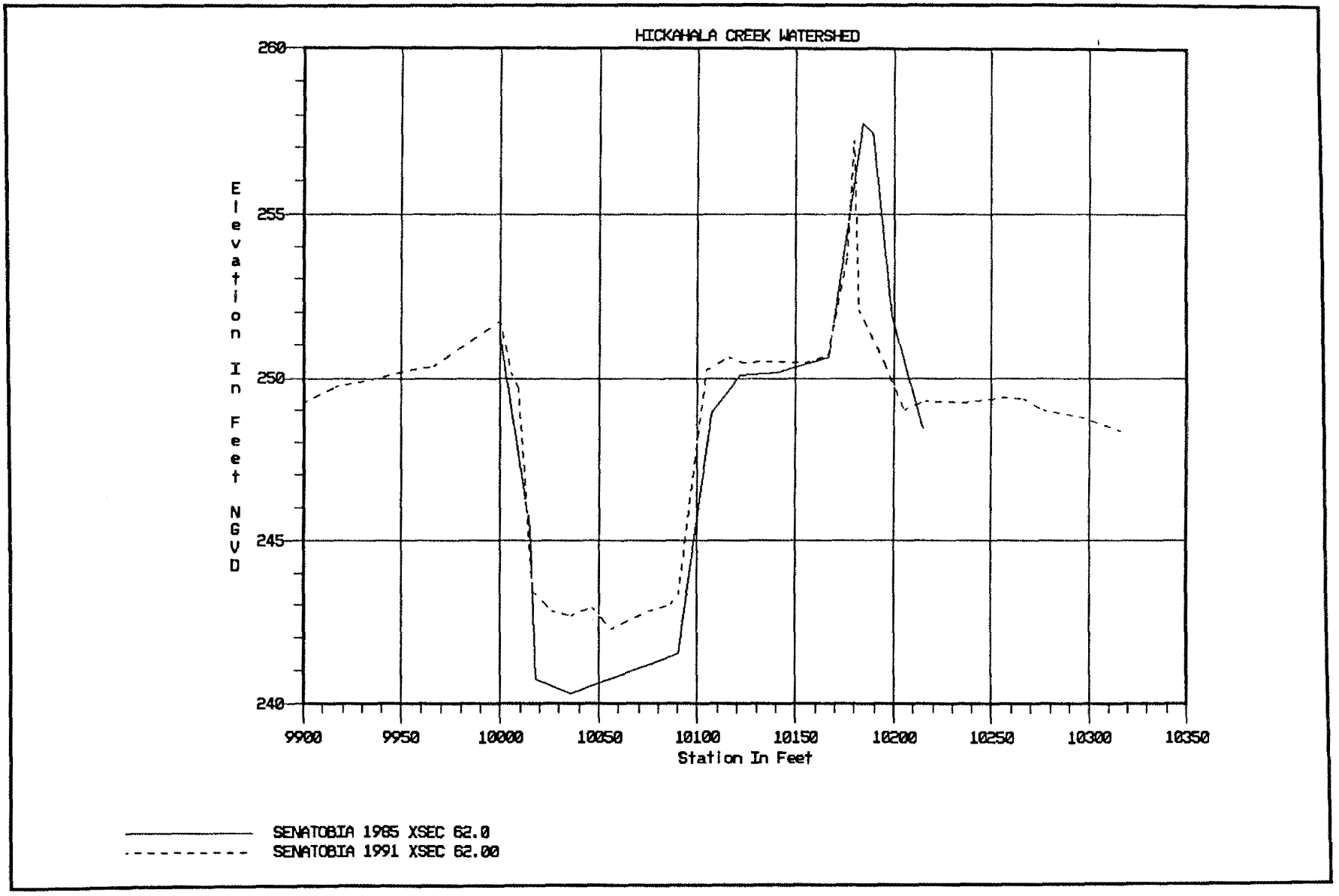
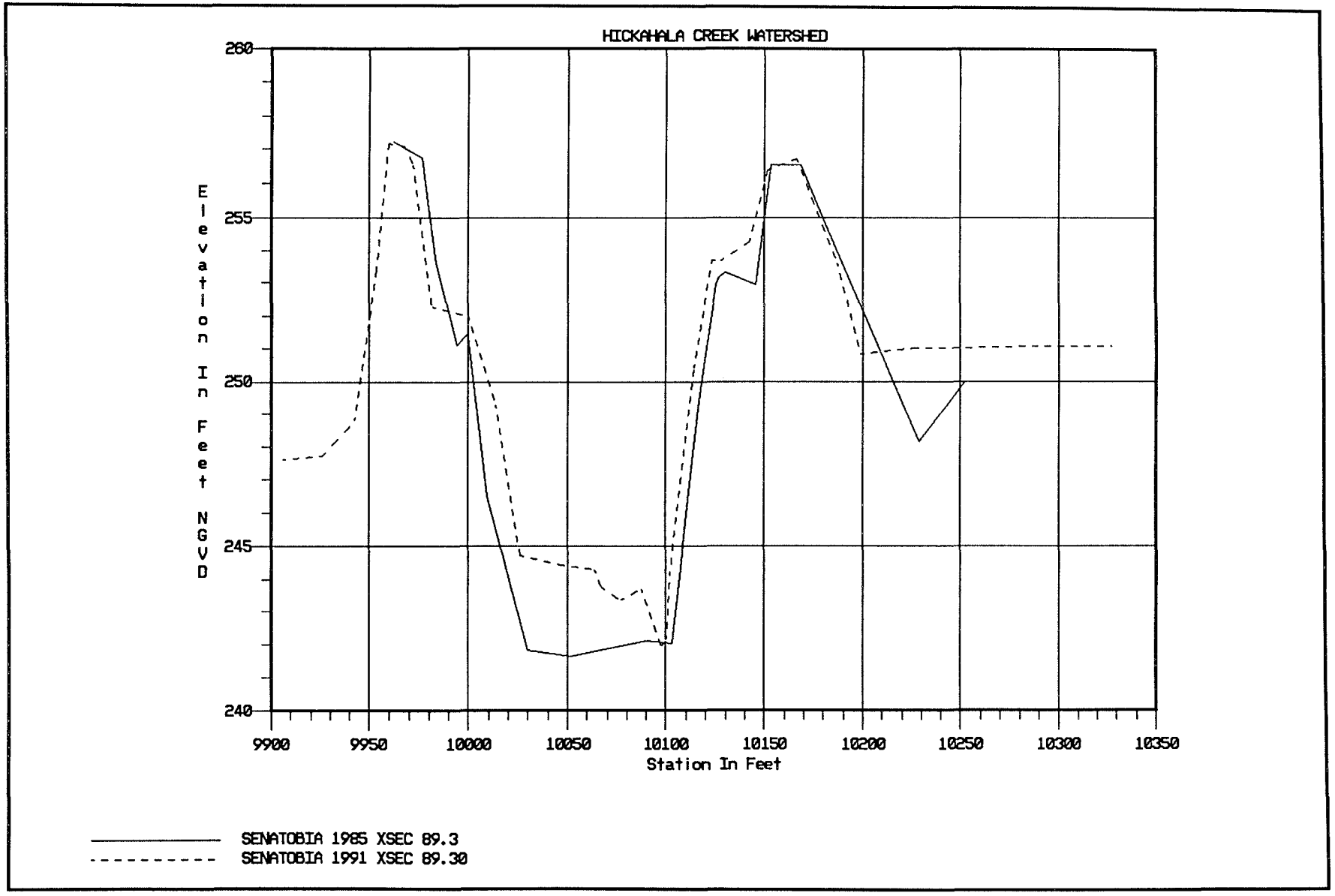

HICKAHALA CREEK WATERSHED
260
255
250
245
240
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
SENATOBIA 1985 XSEC 62.0
SENATOBIA 1991 XSEC 62.00

PLATE A103

PLATE A104


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

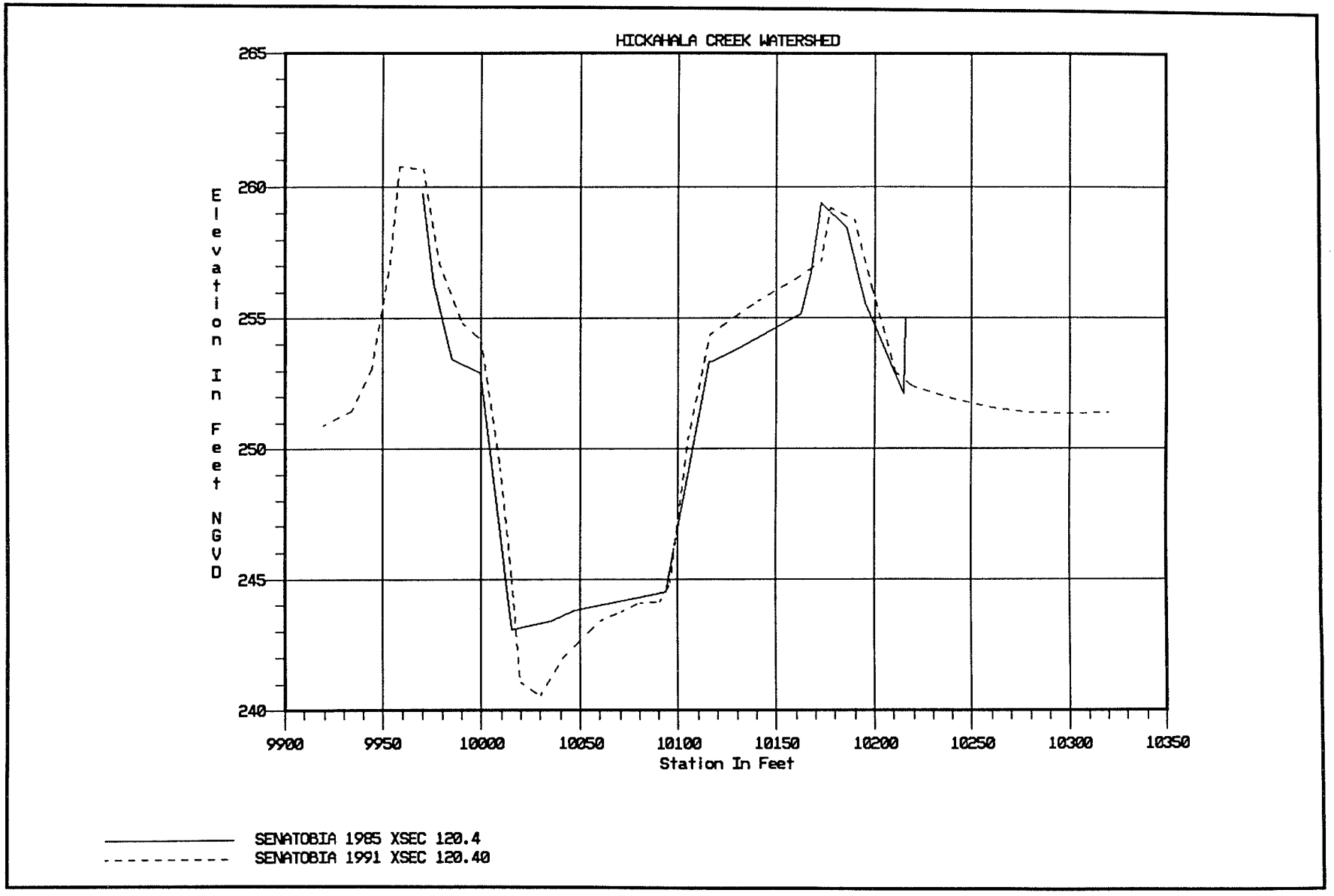
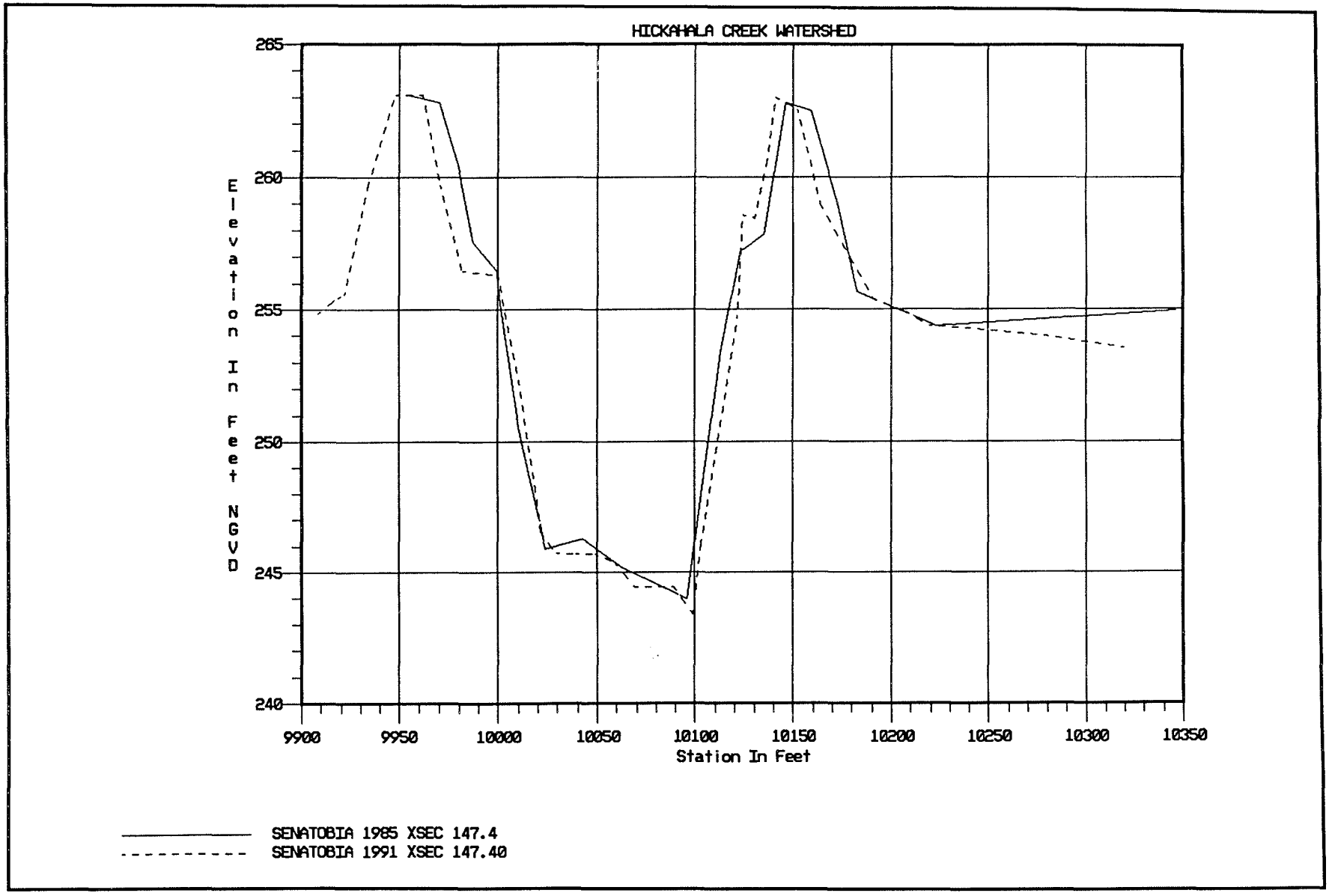

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
265
260
255
250
245
240
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
SENATOBIA 1985 XSEC 120.4
SENATOBIA 1991 XSEC 120.40

PLATE A105

PLATE A106


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 147.4
SENATOBIA 1991 XSEC 147.40

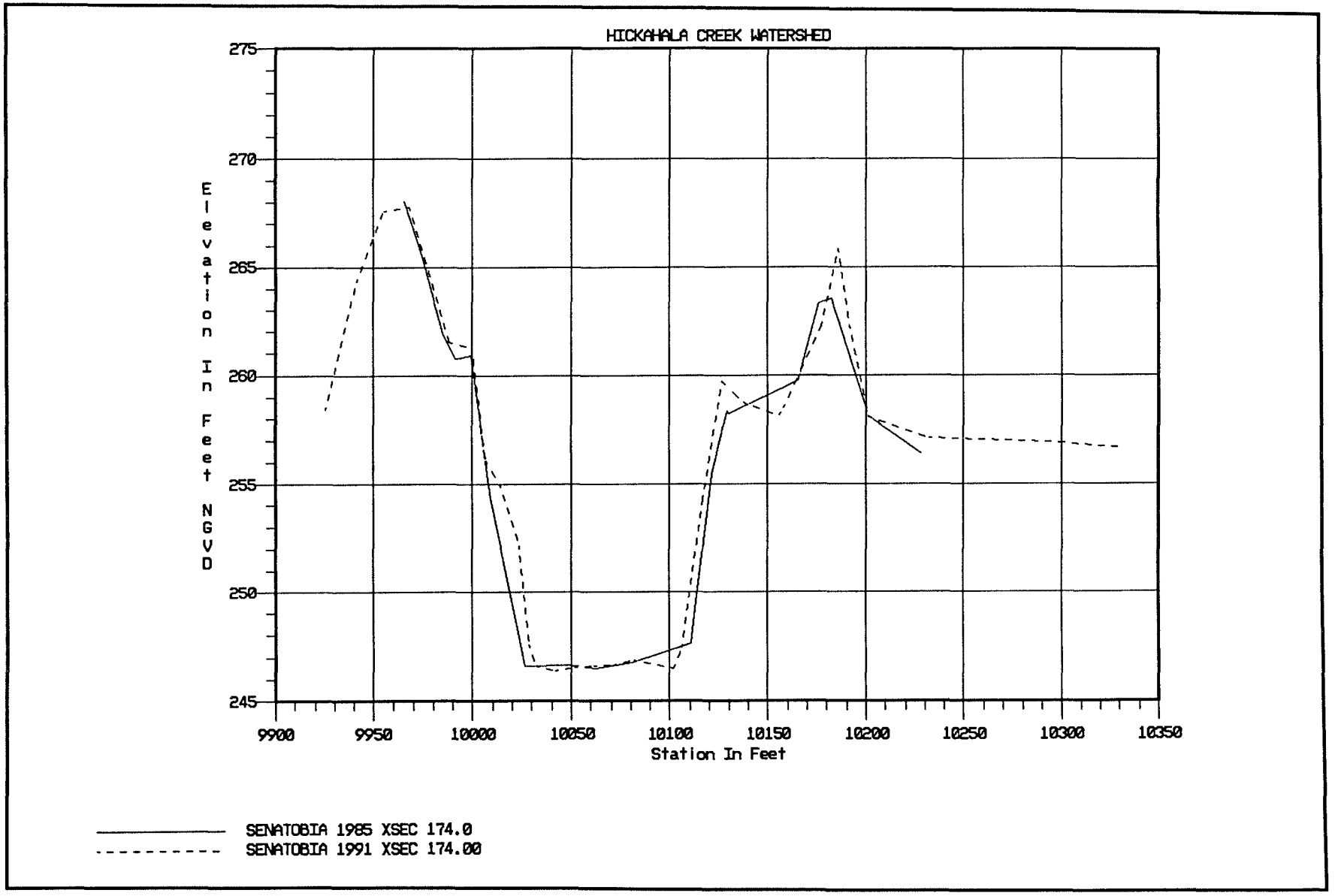
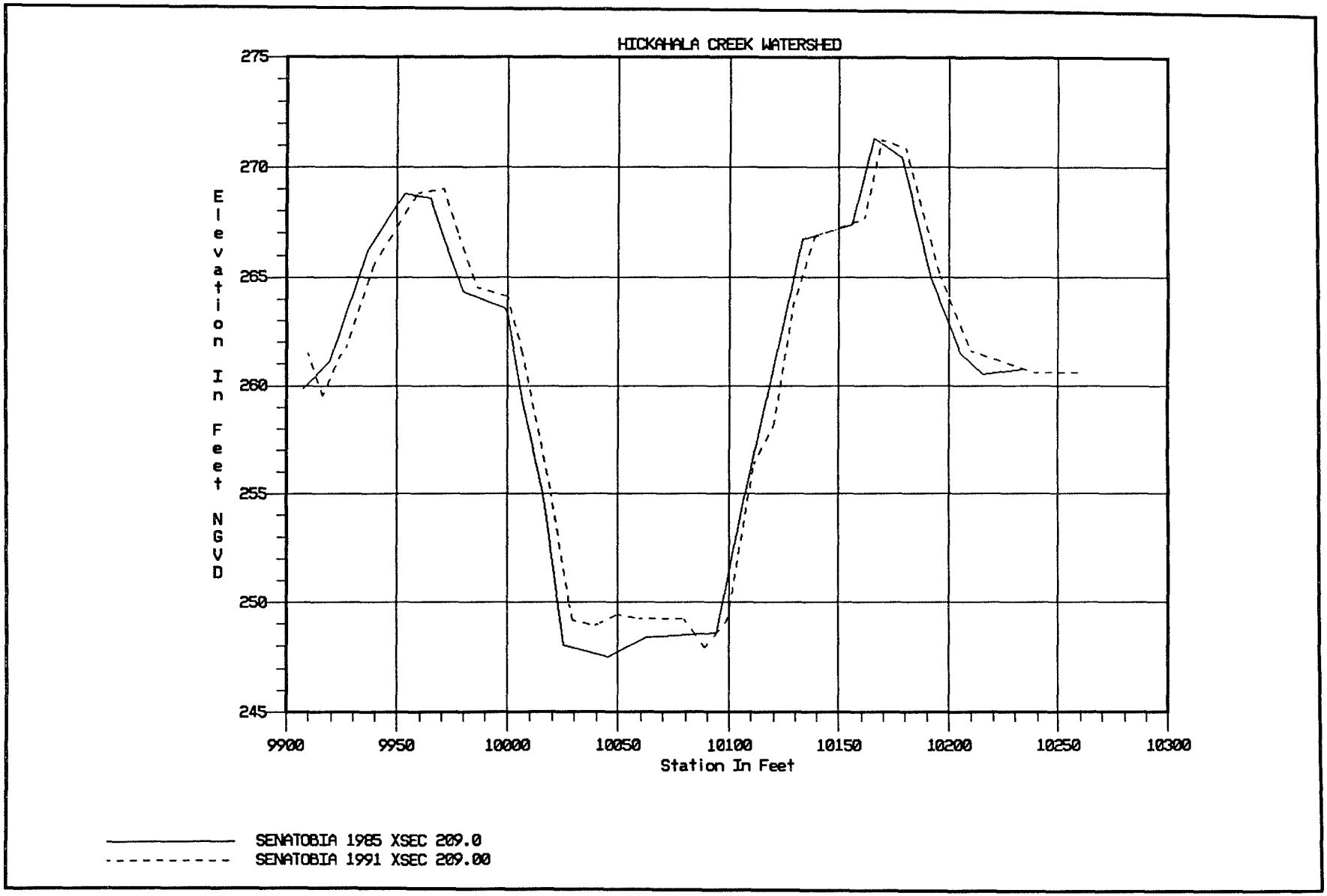

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
275
270
265
260
255
250
245
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
SENATOBIA 1985 XSEC 174.0
SENATOBIA 1991 XSEC 174.00

PLATE A107

PLATE A108


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

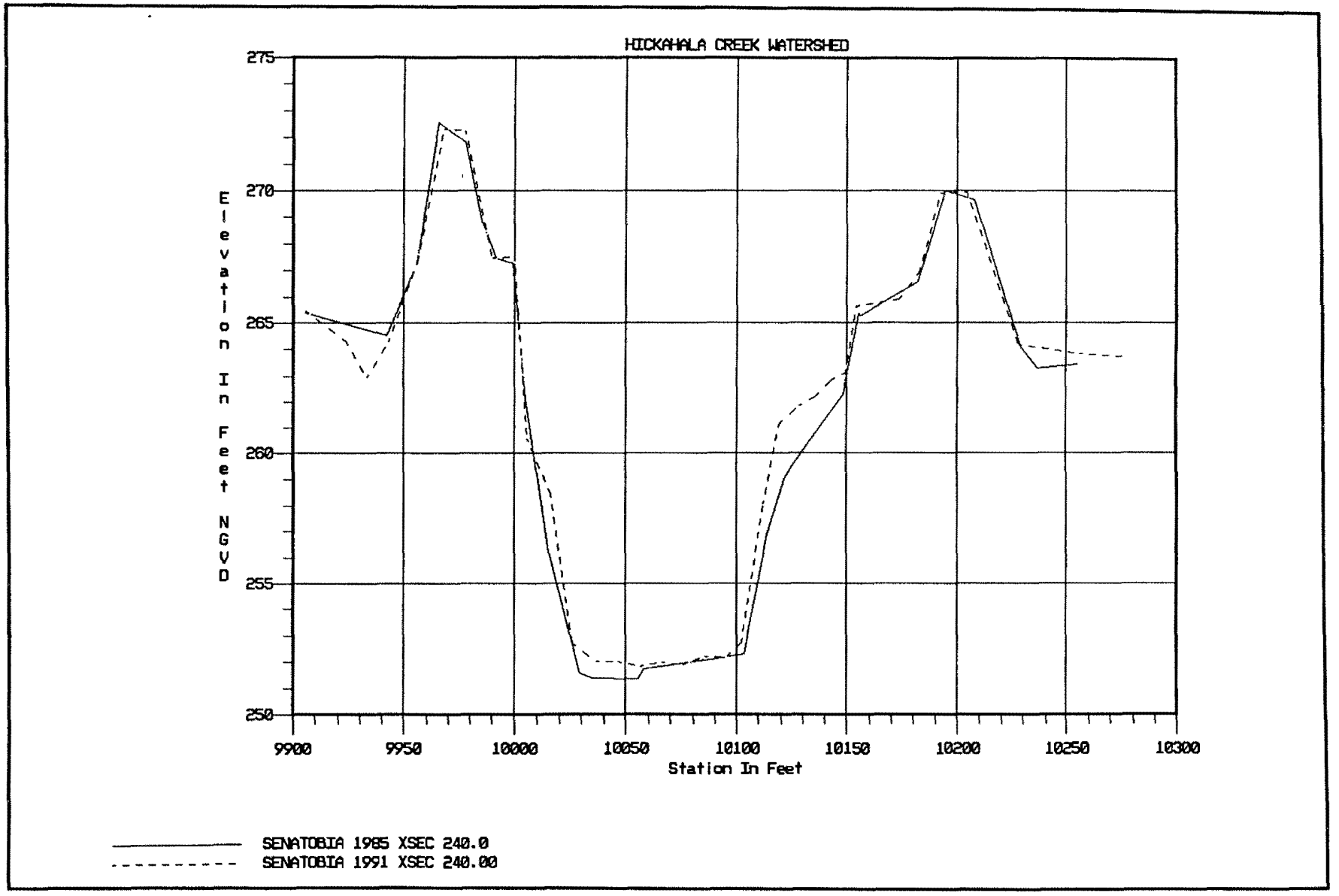
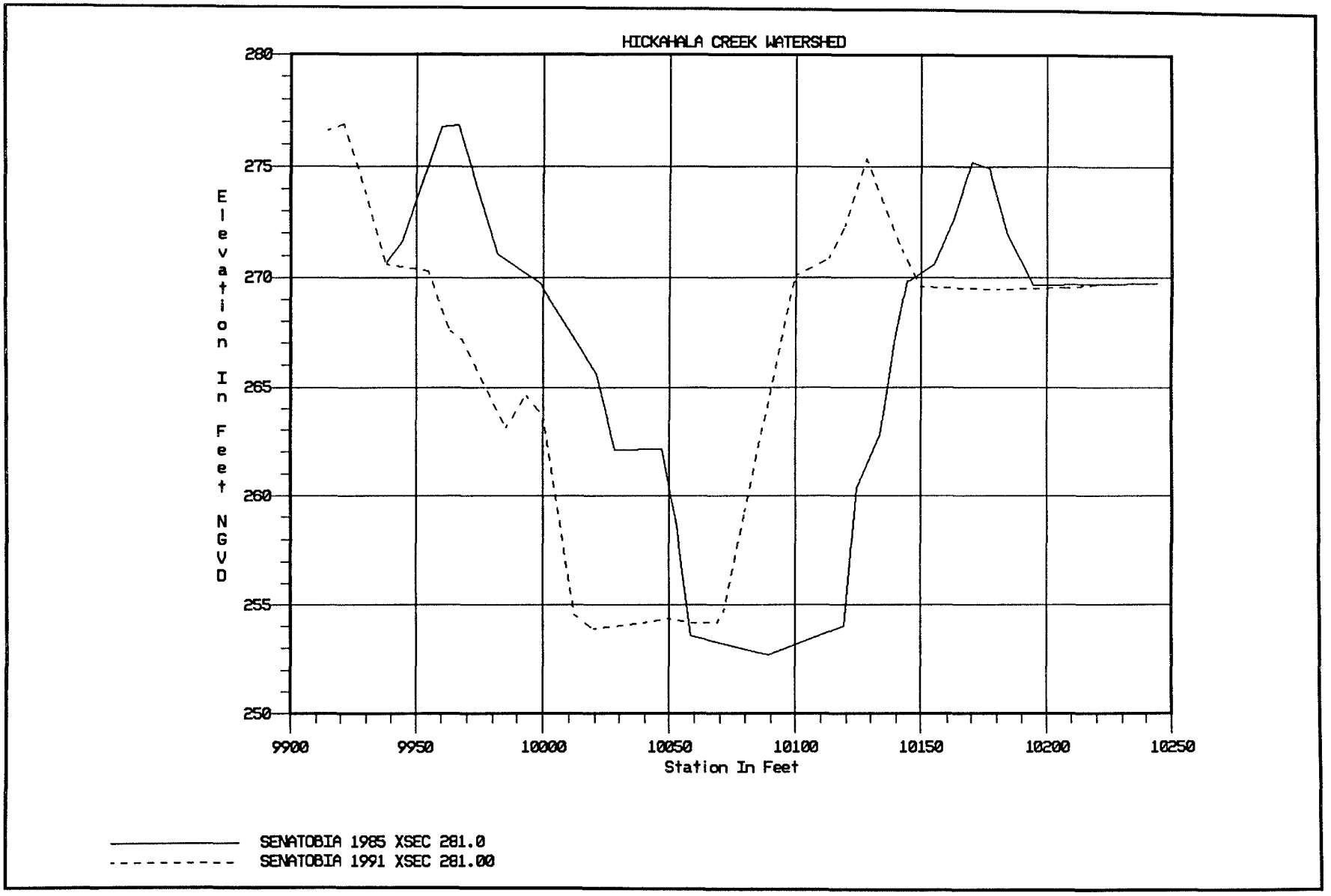

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
275
270
265
260
255
250
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
SENATOBIA 1985 XSEC 240.0
SENATOBIA 1991 XSEC 240.00

PLATE A109

PLATE A110


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

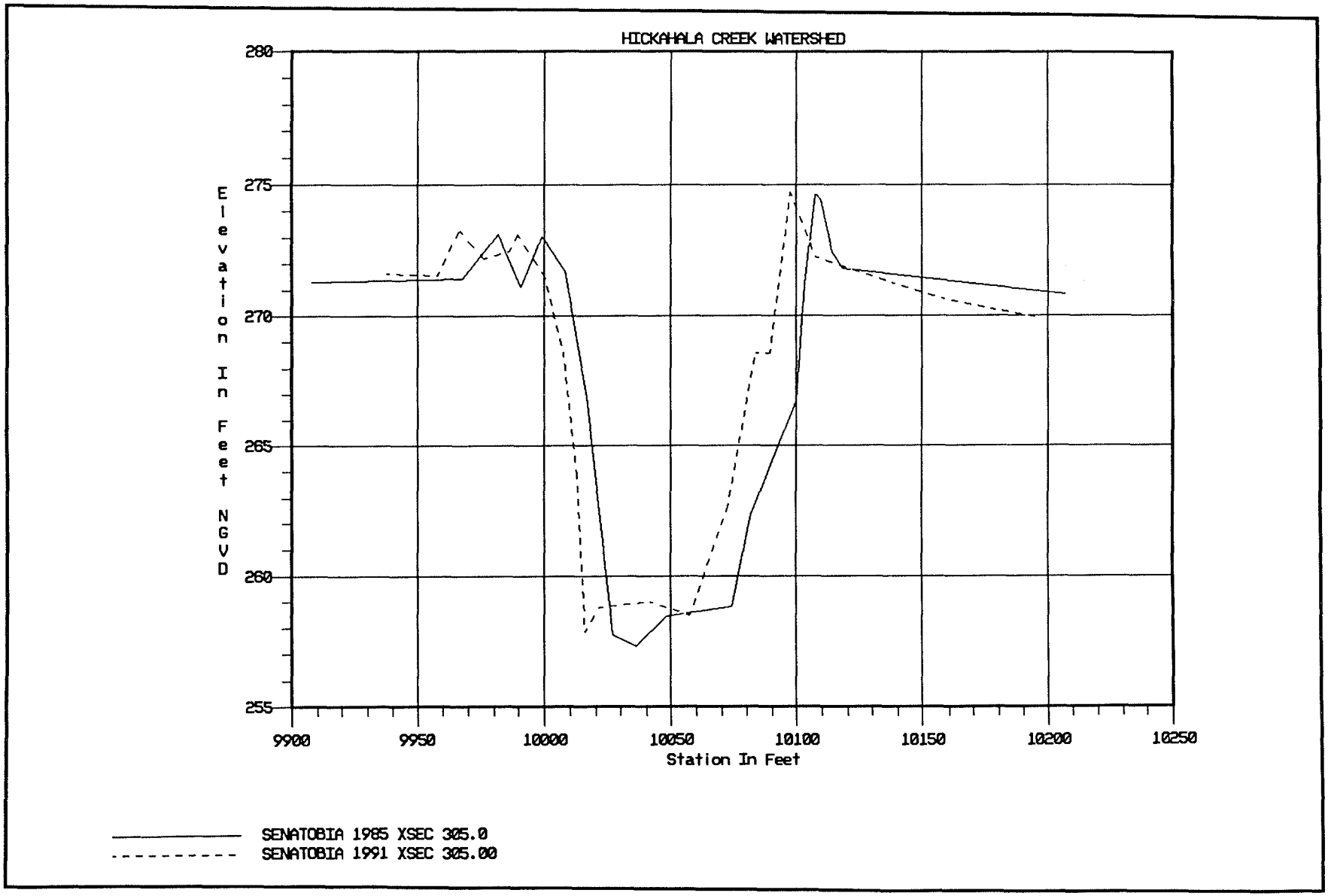
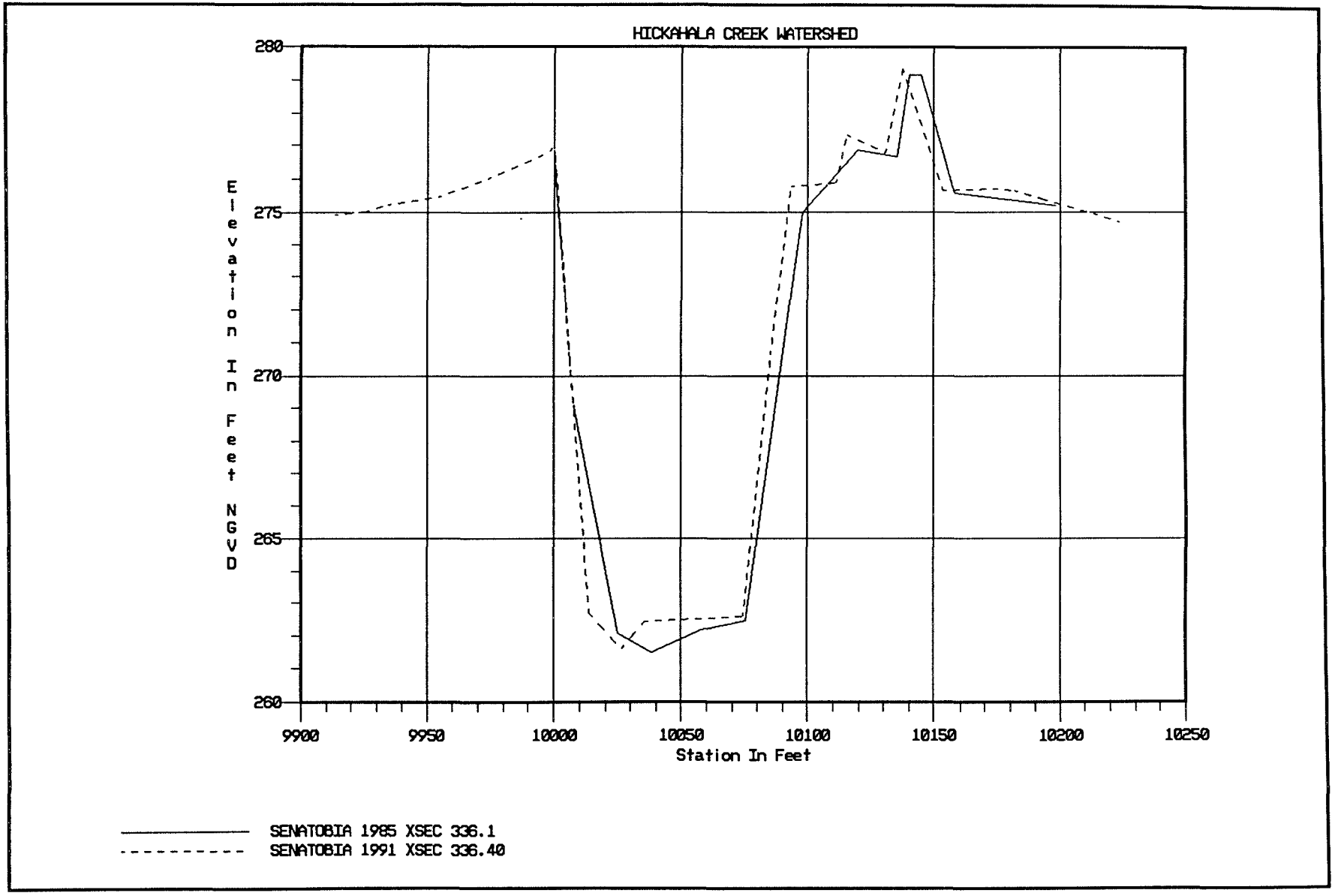

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
280
275
270
265
260
255
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
SENATOBIA 1985 XSEC 305.0
SENATOBIA 1991 XSEC 305.00

PLATE A111

PLATE A112


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

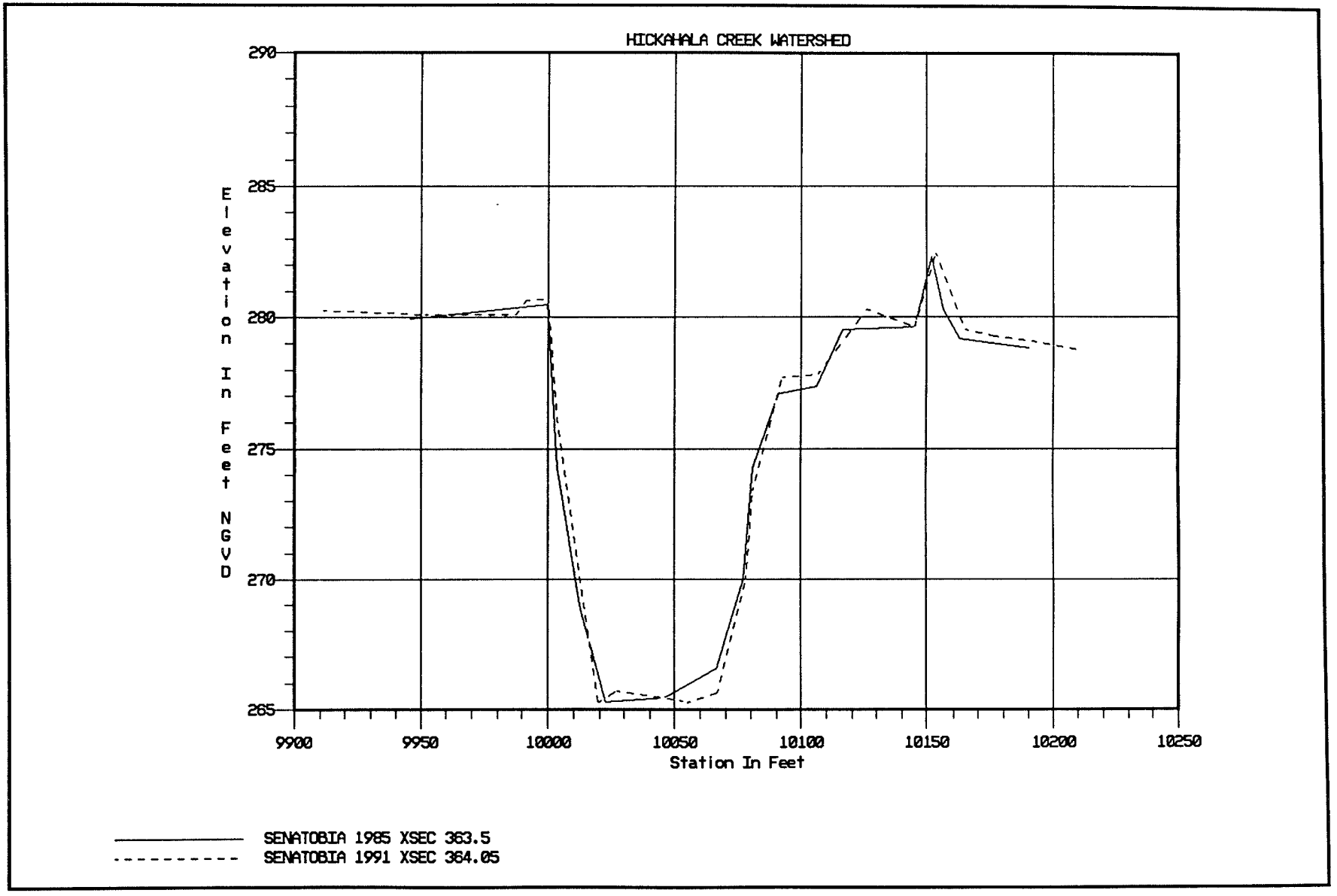
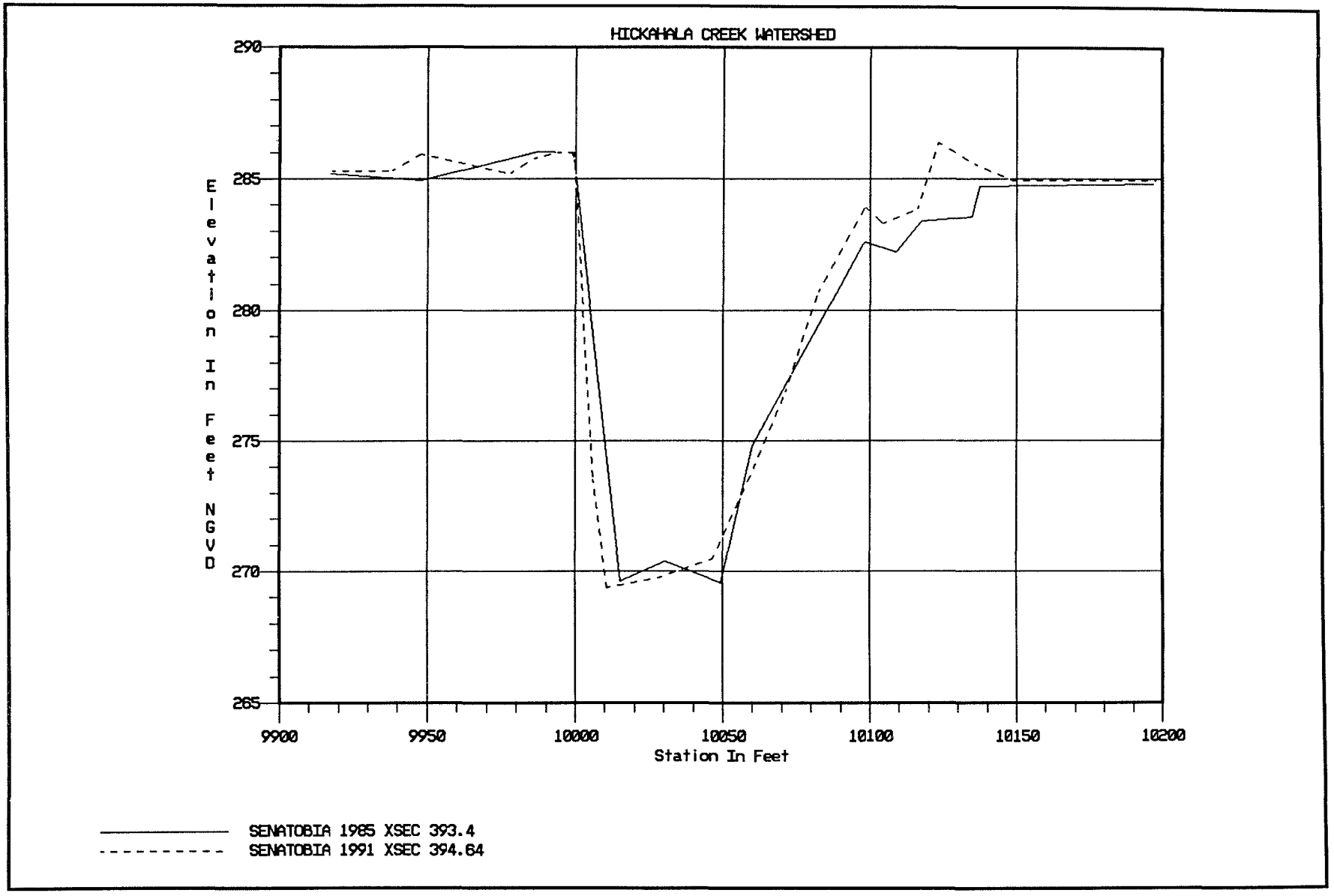

HICKAHALA CREEK WATERSHED
290
285
280
275
270
265
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
SENATOBIA 1985 XSEC 363.5
SENATOBIA 1991 XSEC 364.05

PLATE A113

PLATE A114


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

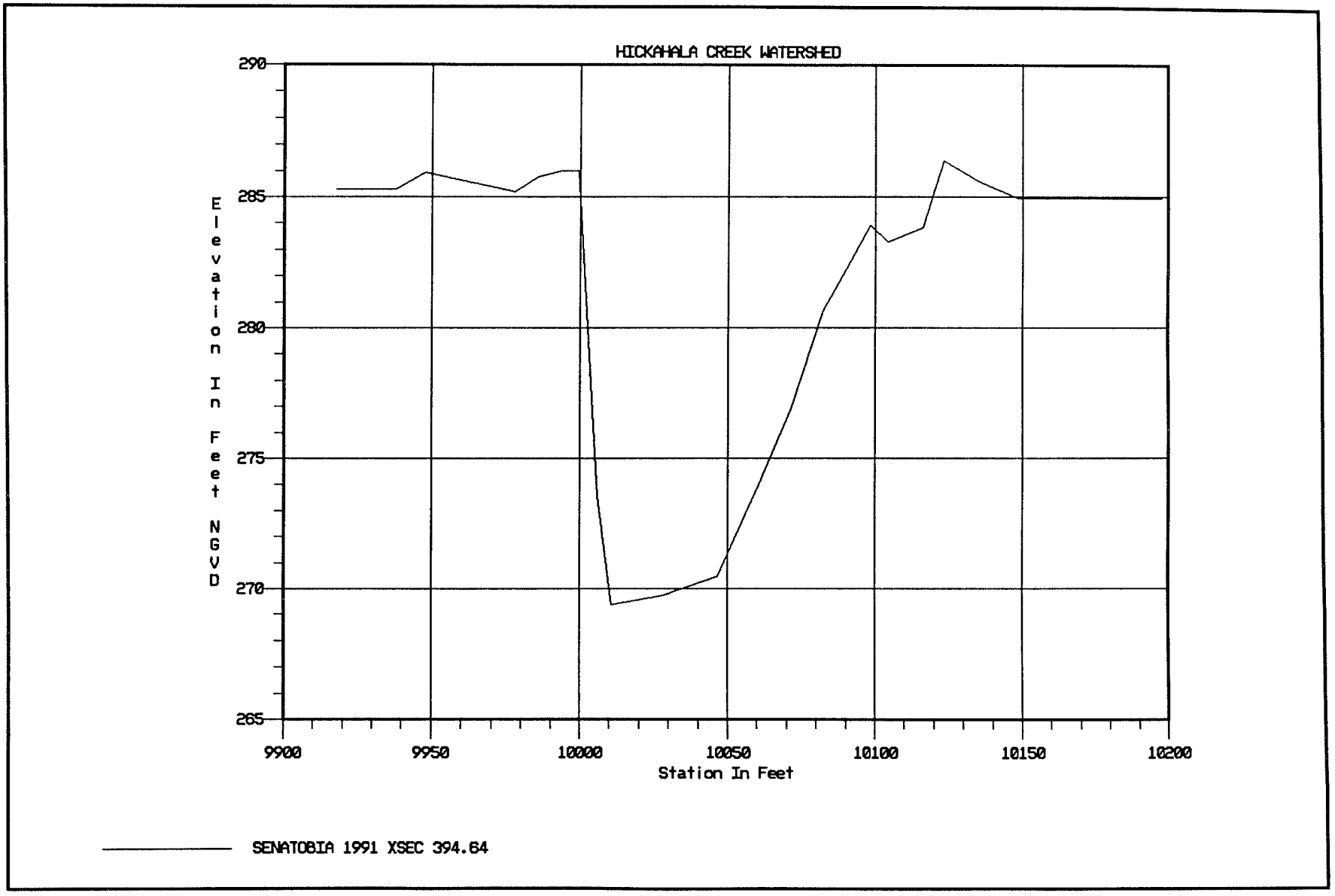
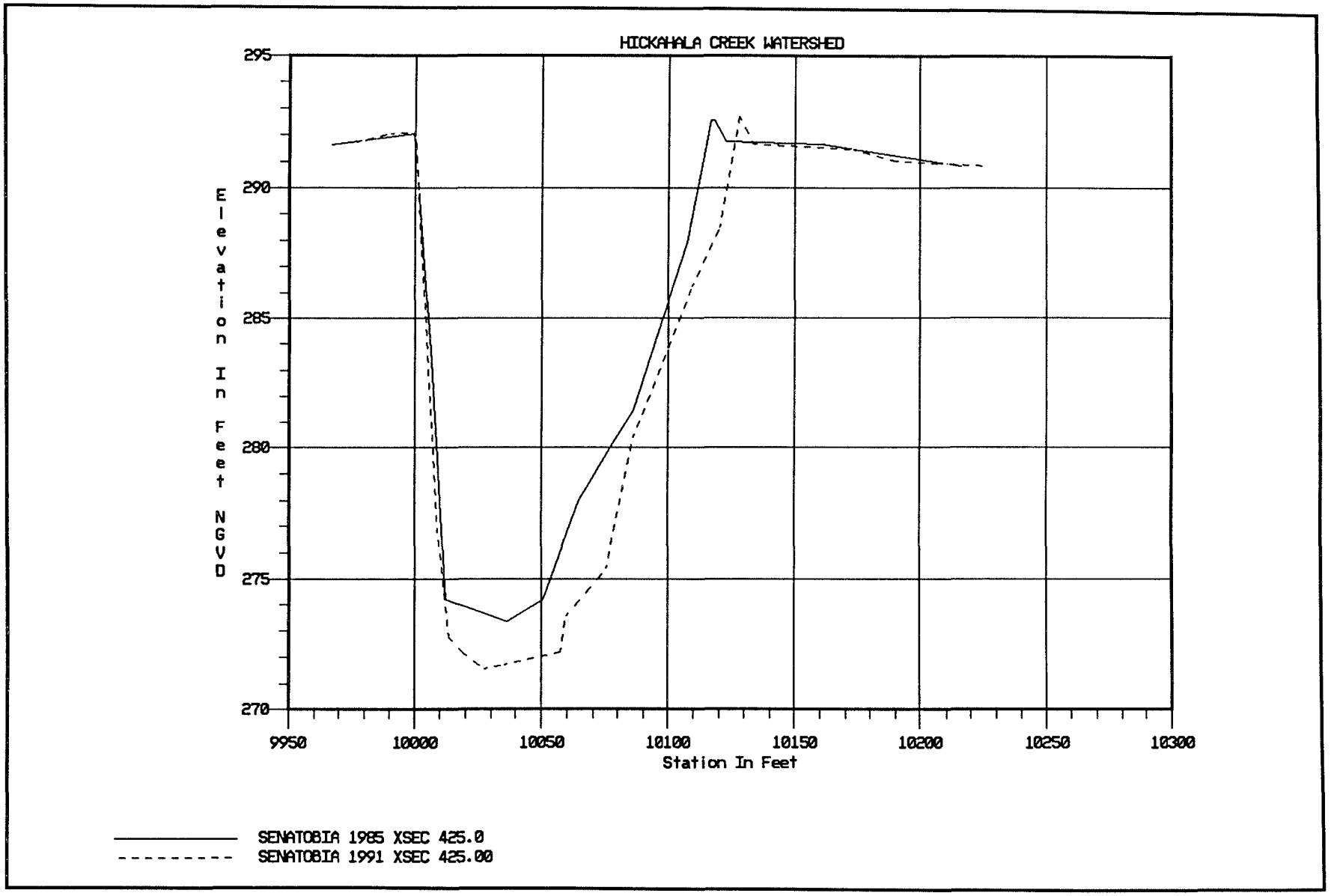

HICKAHALA CREEK WATERSHED
290
285
280
275
270
265
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
SENATOBIA 1991 XSEC 394.64

PLATE A115

PLATE A116


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

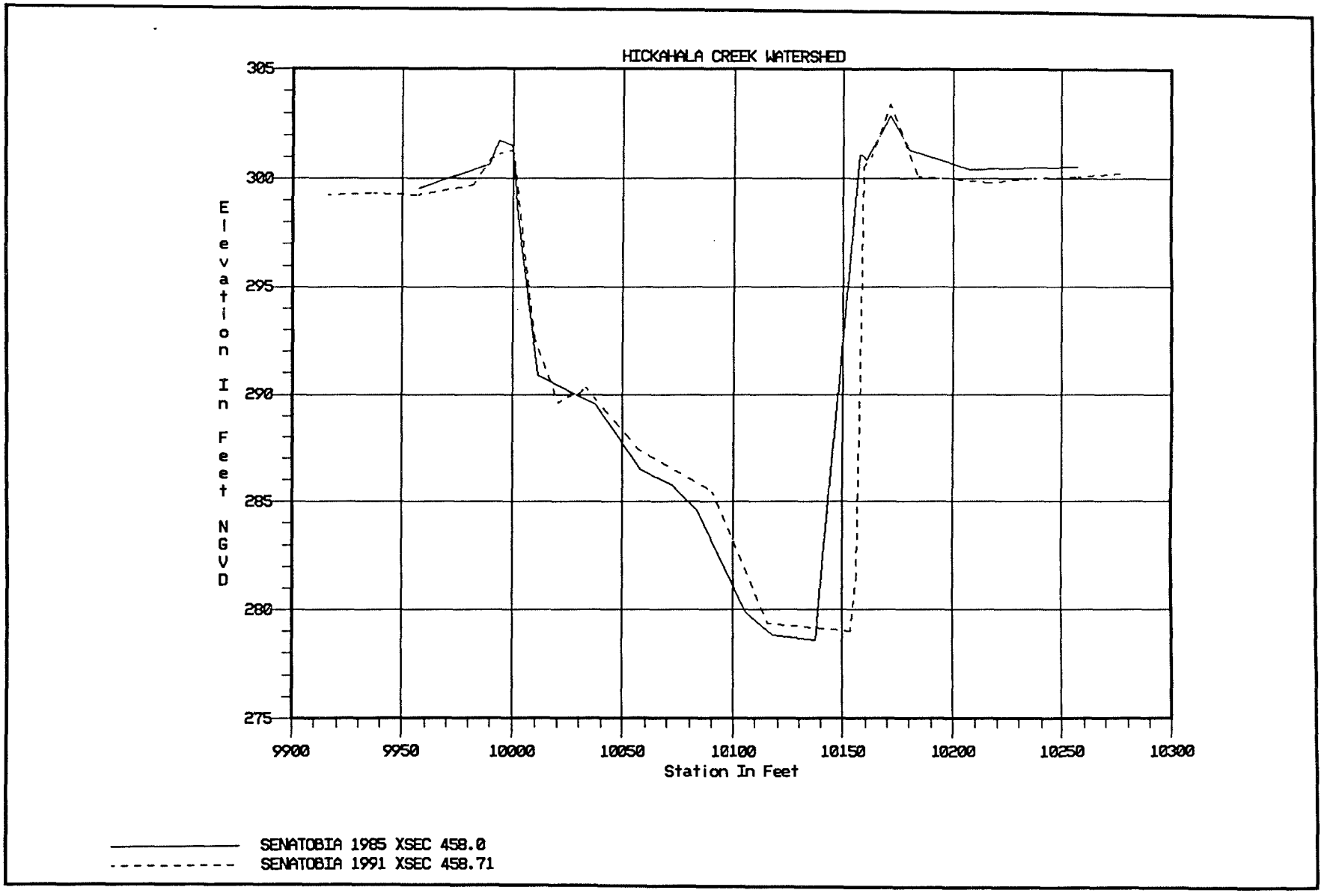
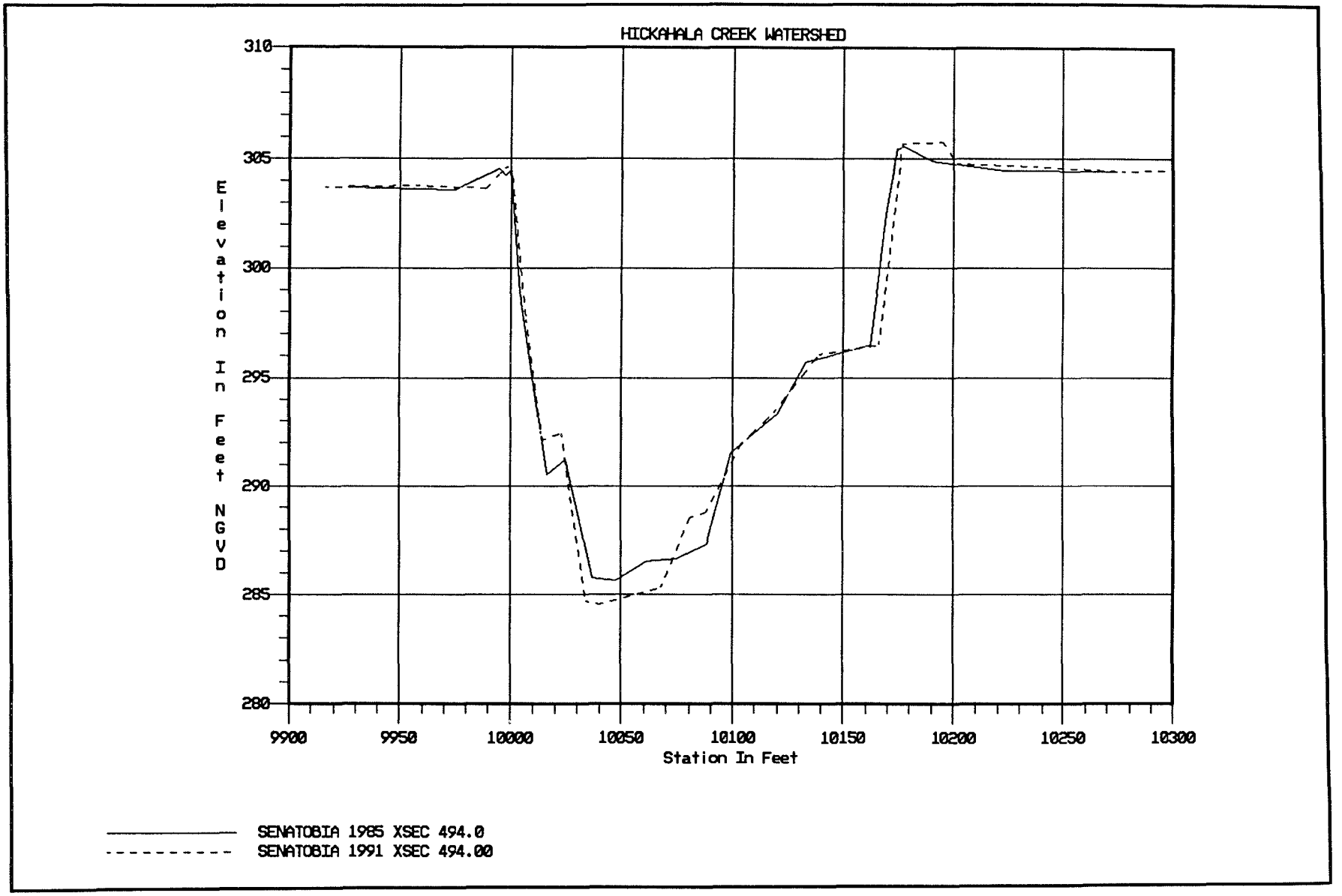

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
305
300
295
290
285
280
275
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
SENATOBIA 1985 XSEC 458.0
SENATOBIA 1991 XSEC 458.71

PLATE A117

PLATE A118


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

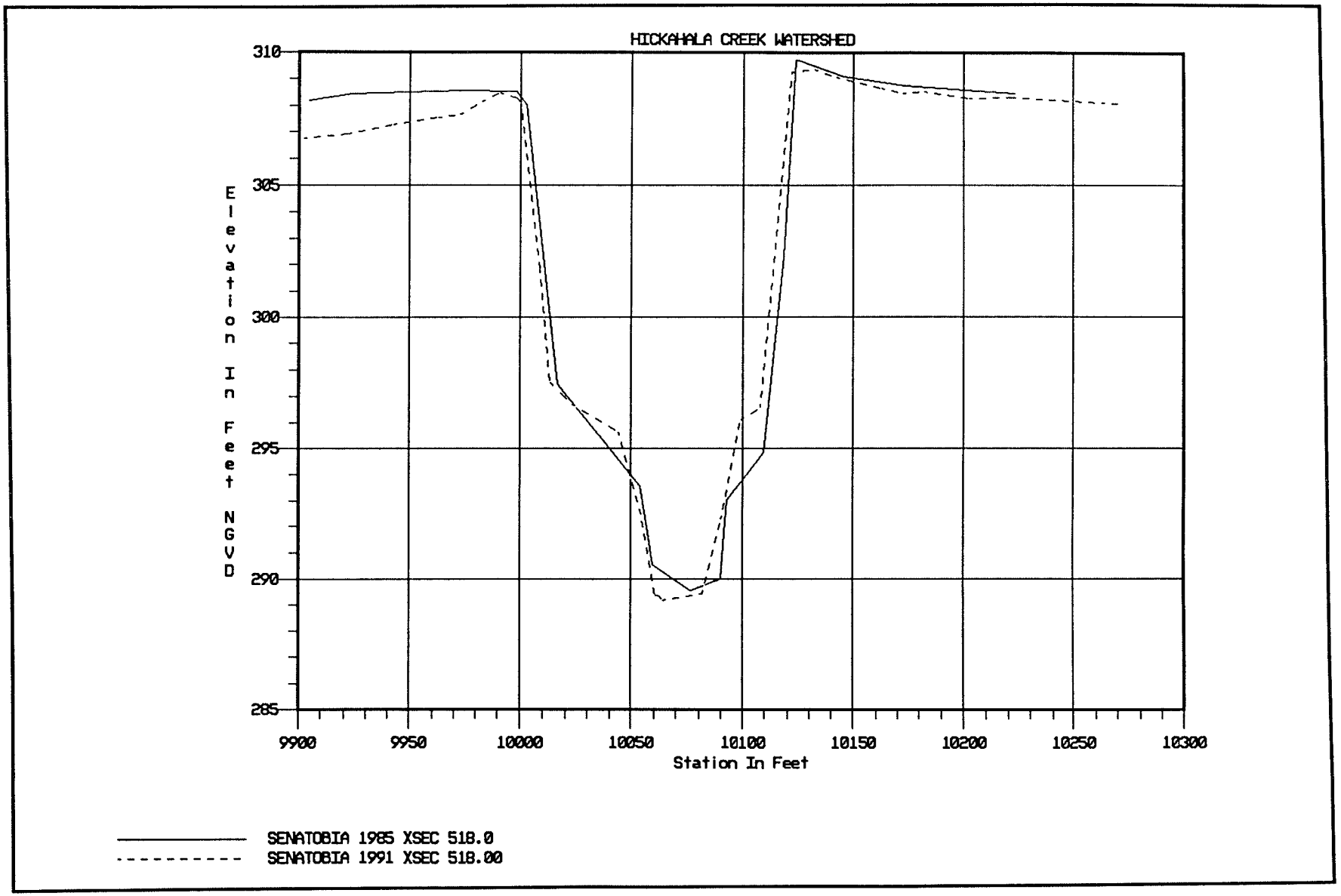
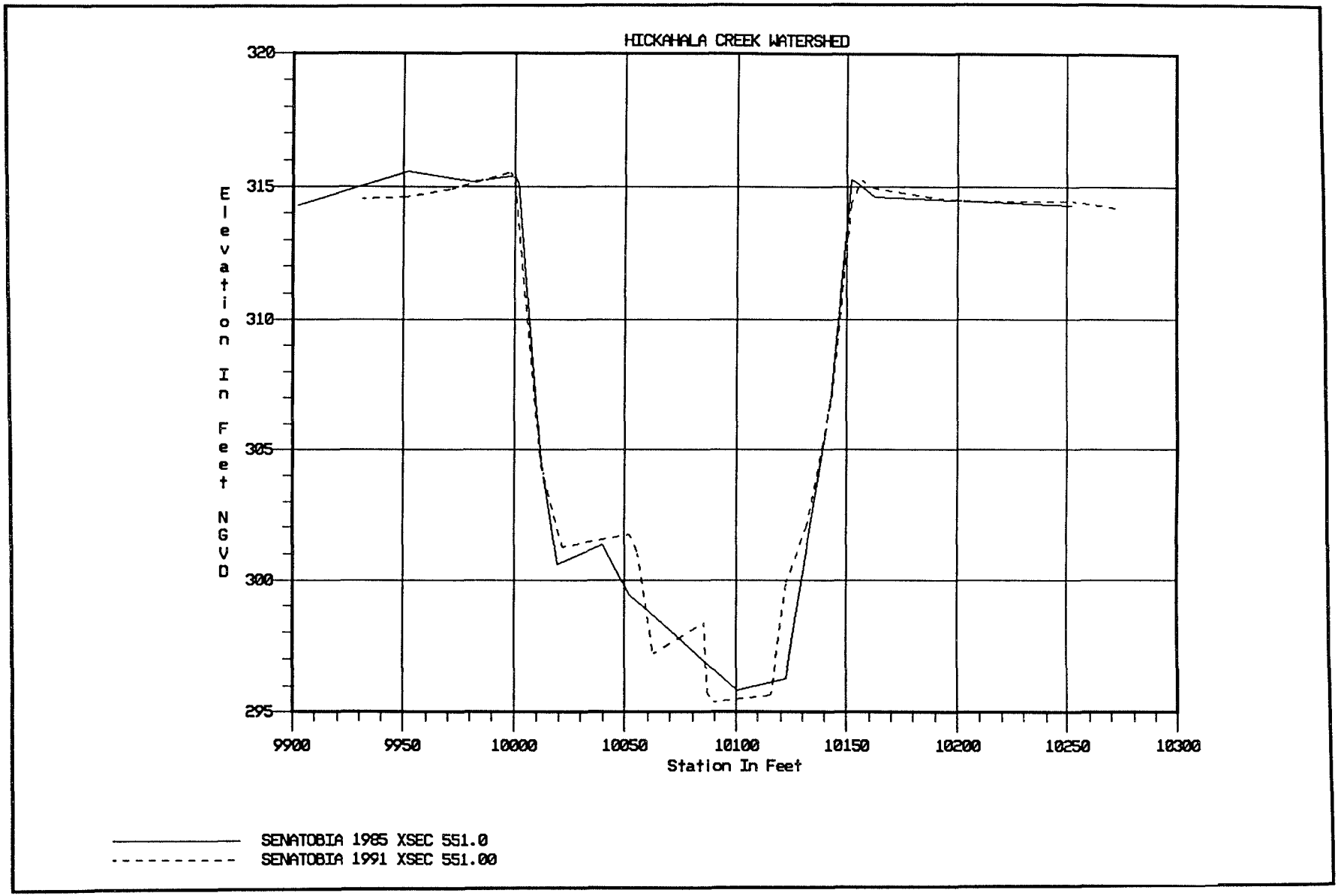

HICKAHALA CREEK WATERSHED
310
305
300
295
290
285
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
SENATOBIA 1985 XSEC 518.0
SENATOBIA 1991 XSEC 518.00

PLATE A119

PLATE A120


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

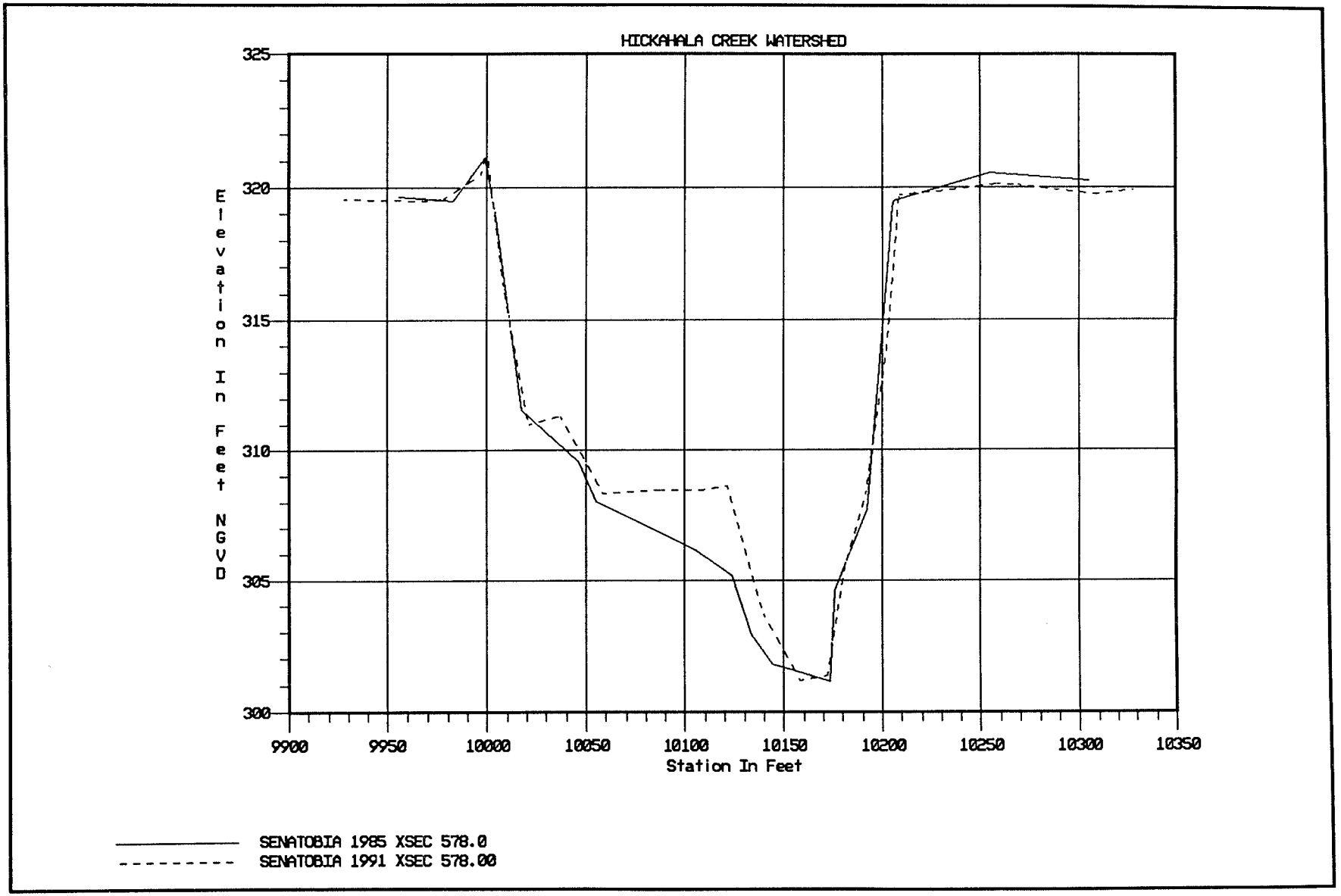
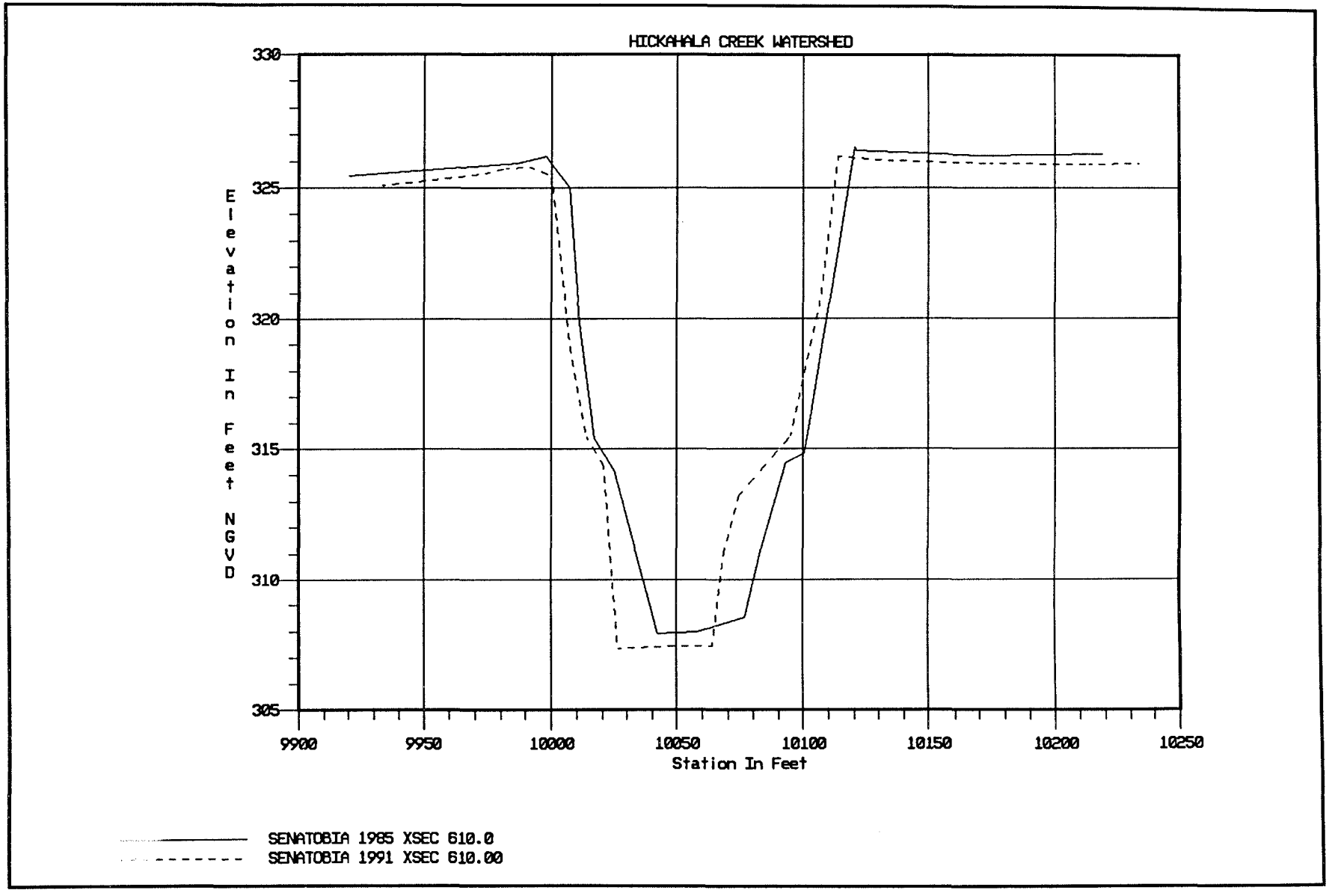

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
325
320
315
310
305
300
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
SENATOBIA 1985 XSEC 578.0
SENATOBIA 1991 XSEC 578.00

PLATE A121

PLATE A122


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

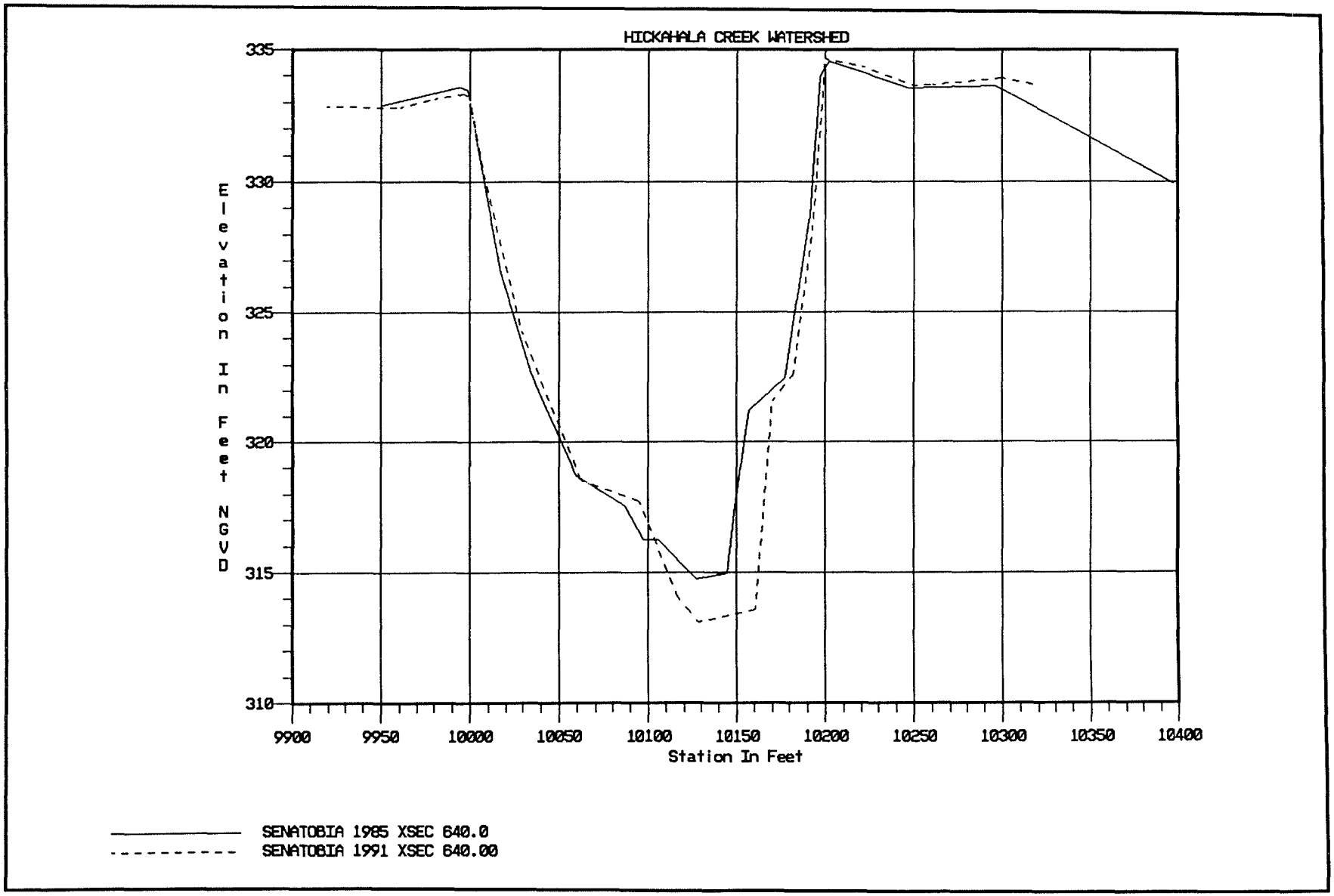
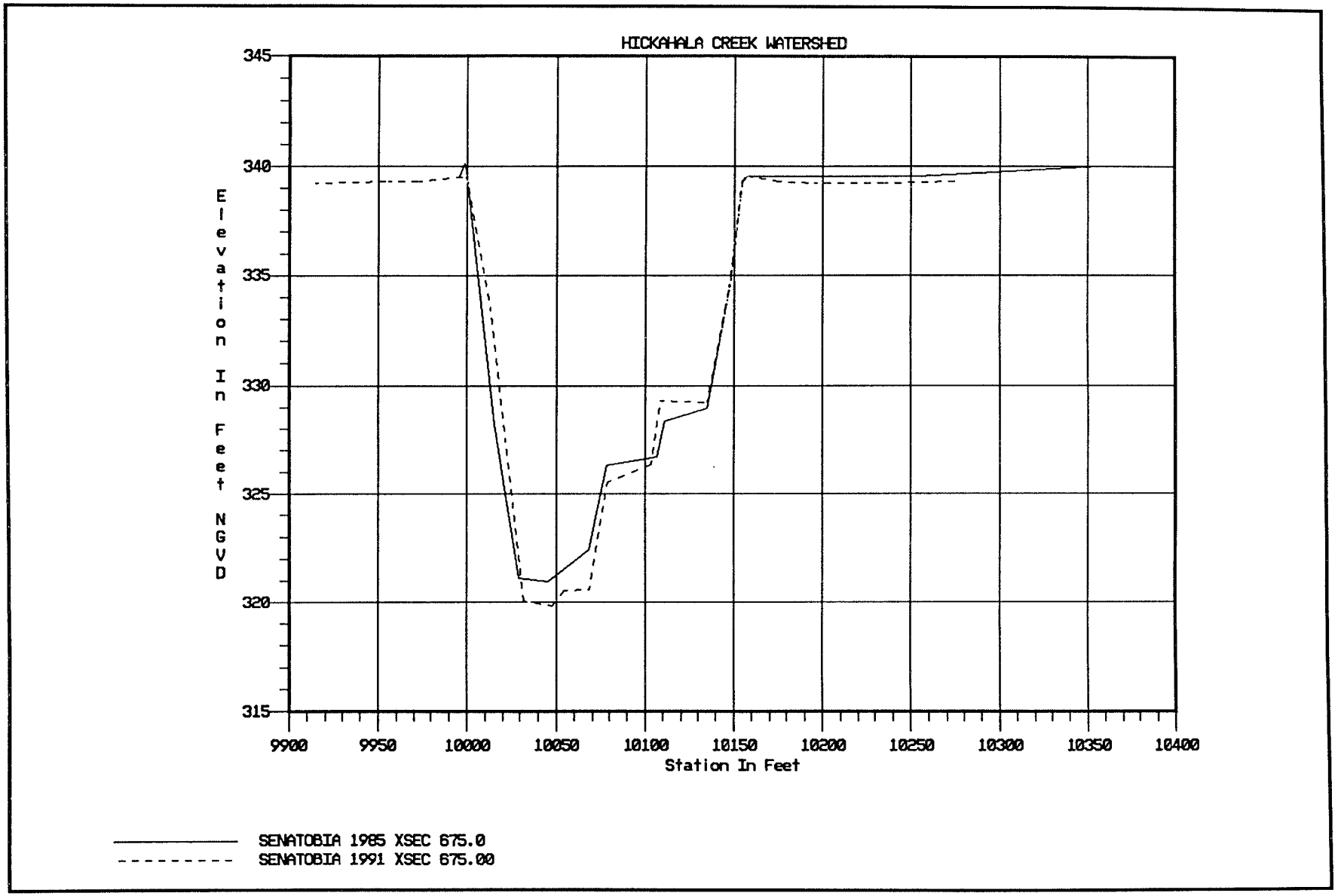

HICKAHALA CREEK WATERSHED
335
330
325
320
315
310
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
10400
Station In Feet
SENATOBIA 1985 XSEC 640.0
SENATOBIA 1991 XSEC 640.00

PLATE A123

PLATE A124


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

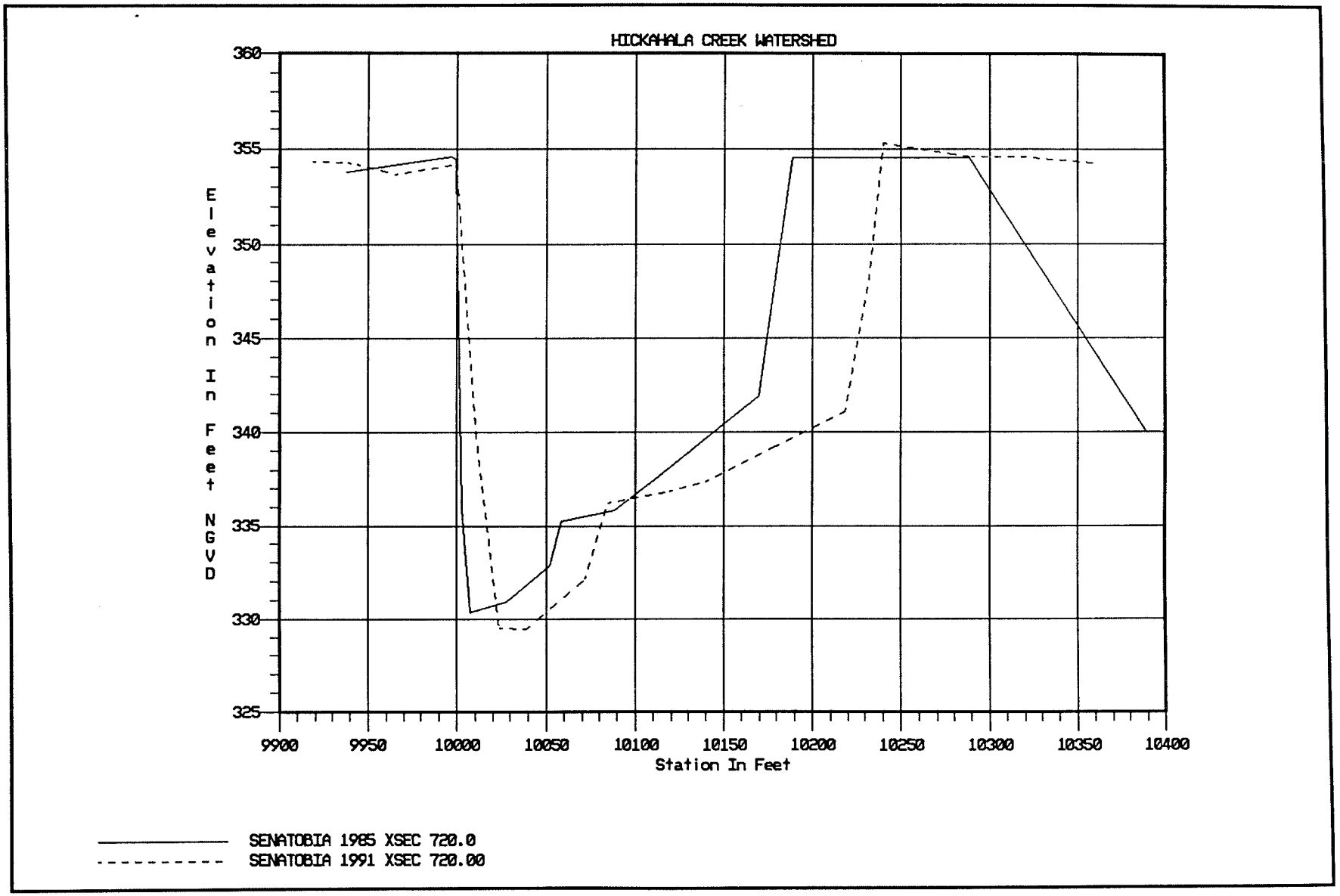
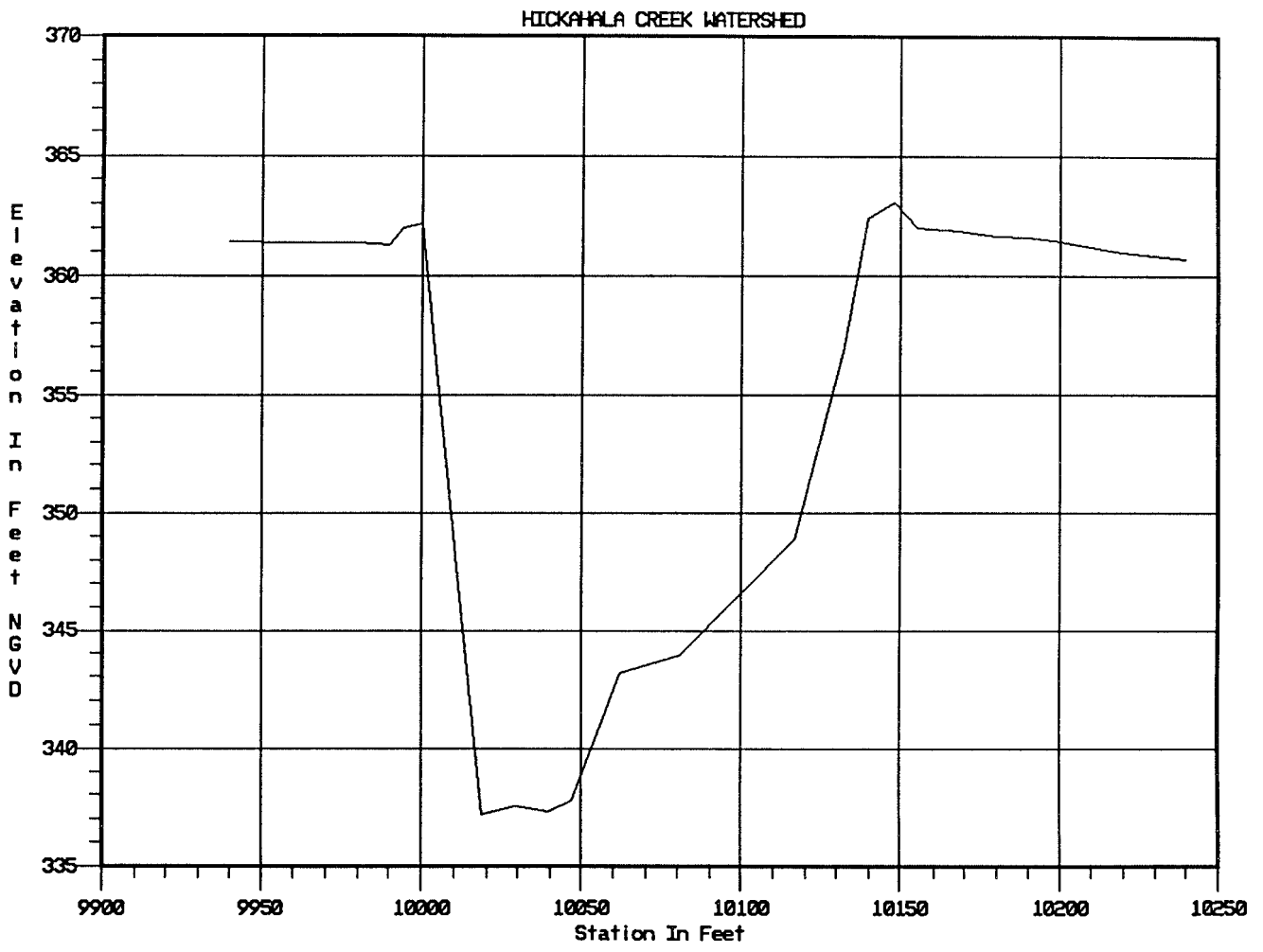

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
360
355
350
345
340
335
330
325
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
10400
Station In Feet
SENATOBIA 1985 XSEC 720.0
SENATOBIA 1991 XSEC 720.00

PLATE A125

PLATE A126


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

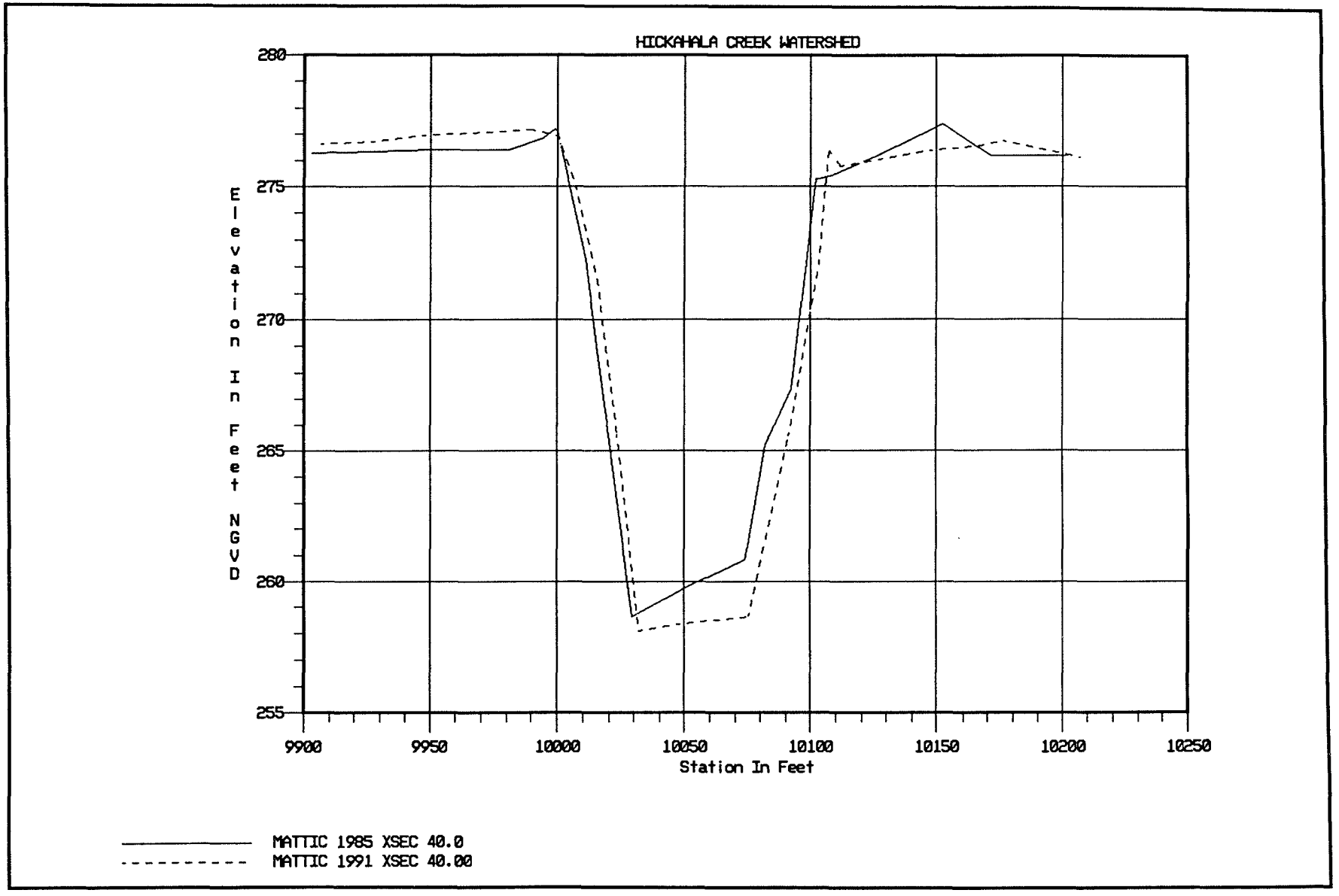
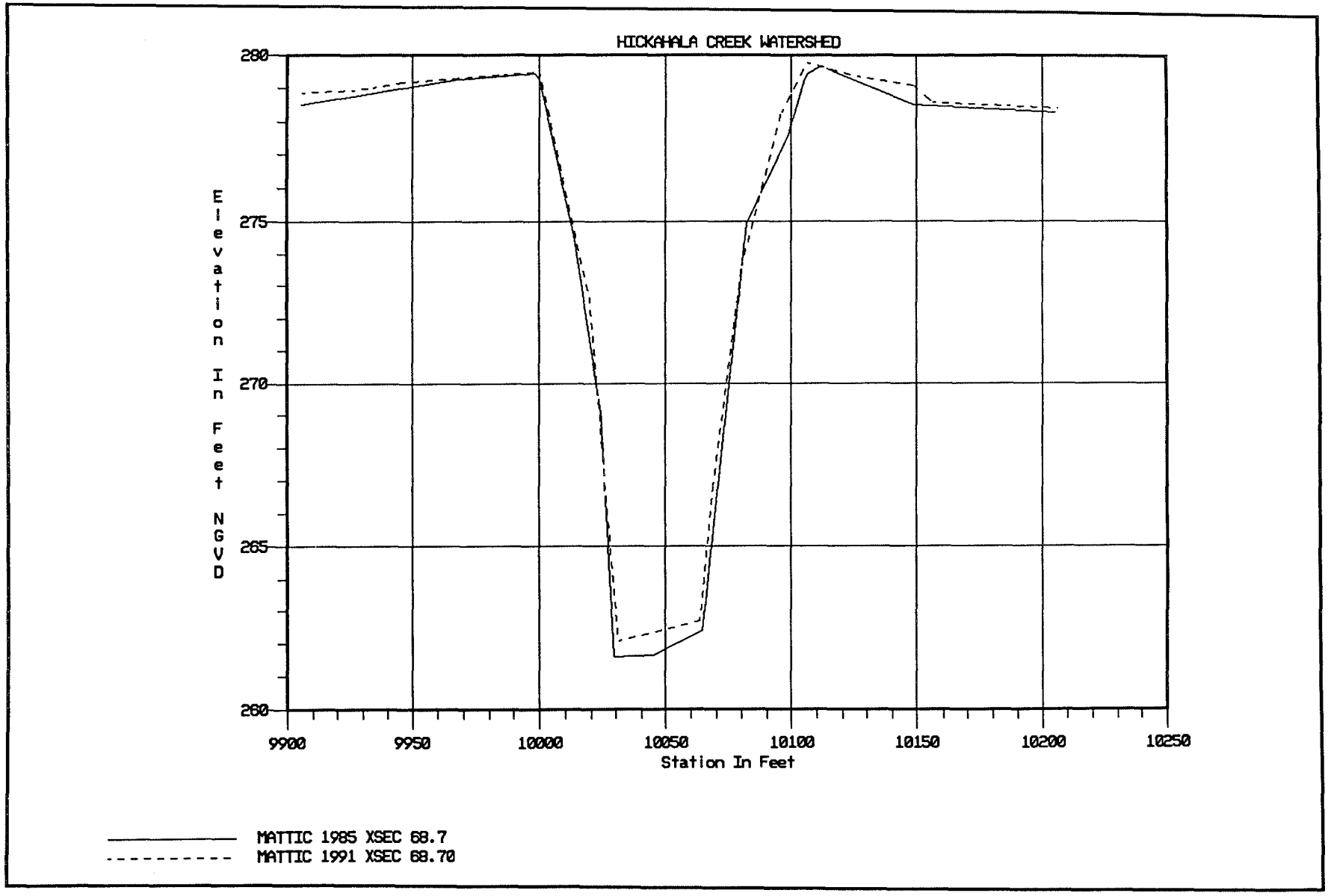

HICKAHALA CREEK WATERSHED
280
275
270
265
260
255
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
MATTIC 1985 XSEC 40.0
MATTIC 1991 XSEC 40.00

PLATE A127

PLATE A128


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

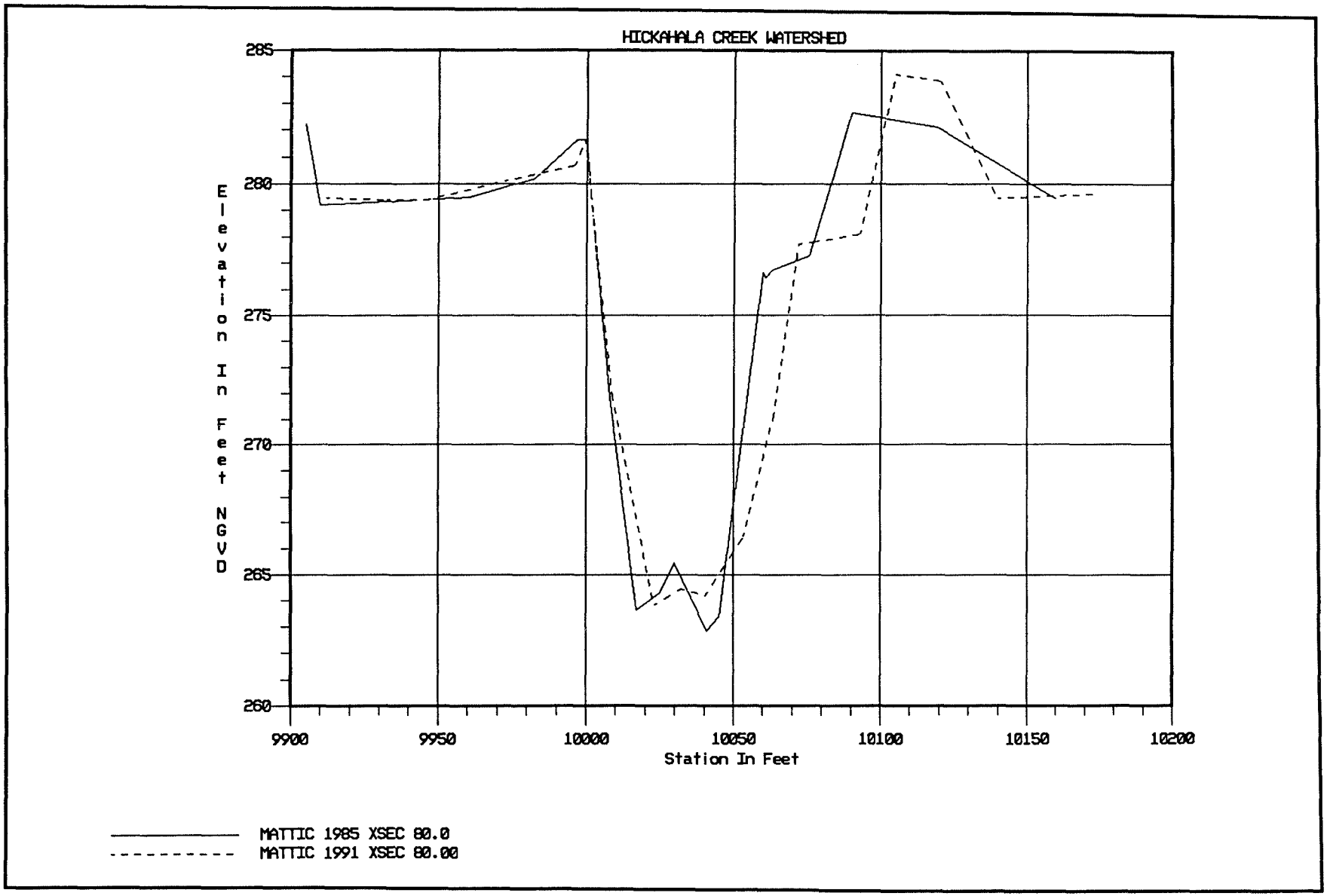
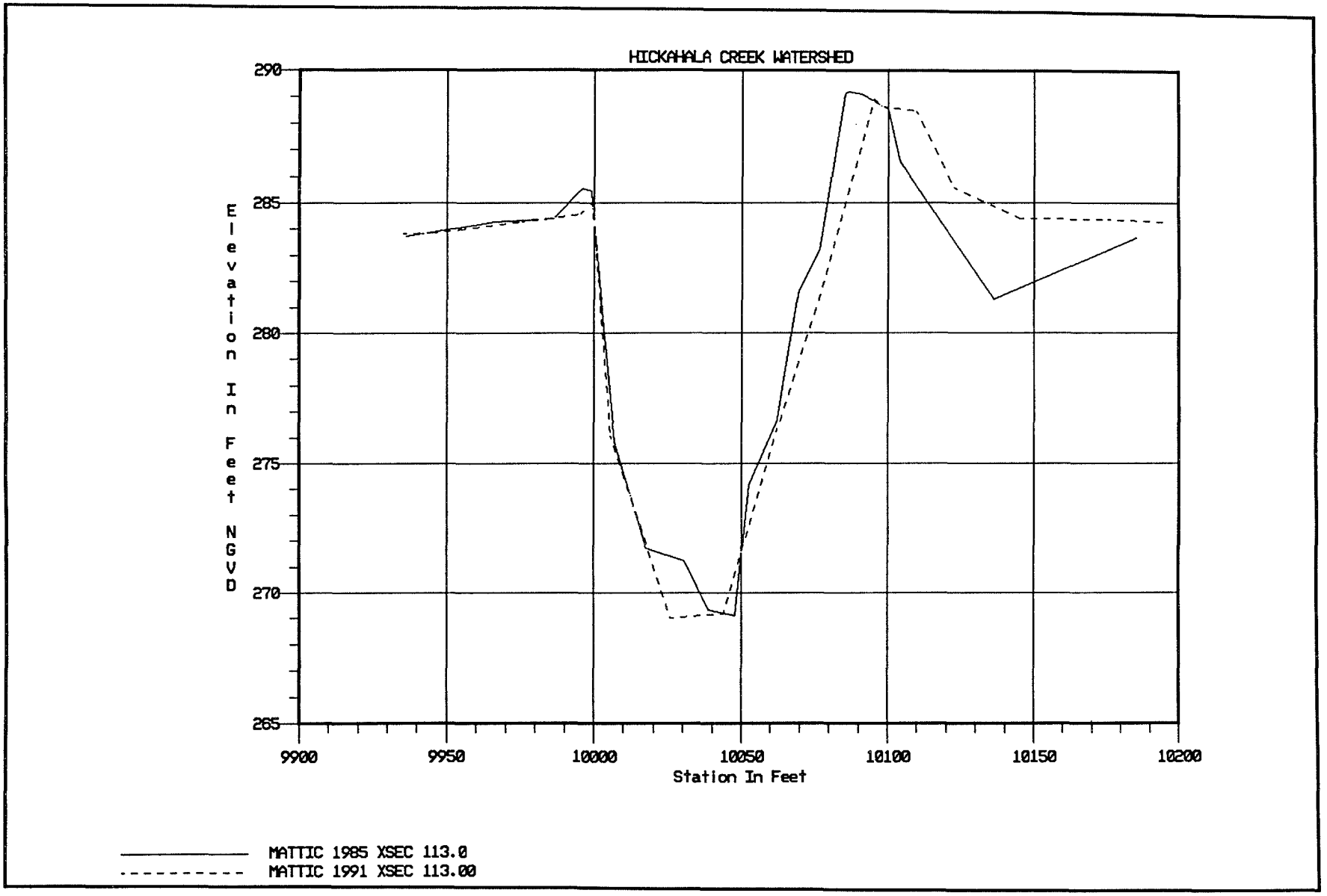

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
285
280
275
270
265
260
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MATTIC 1985 XSEC 80.0
MATTIC 1991 XSEC 80.00

PLATE A129

PLATE A130


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

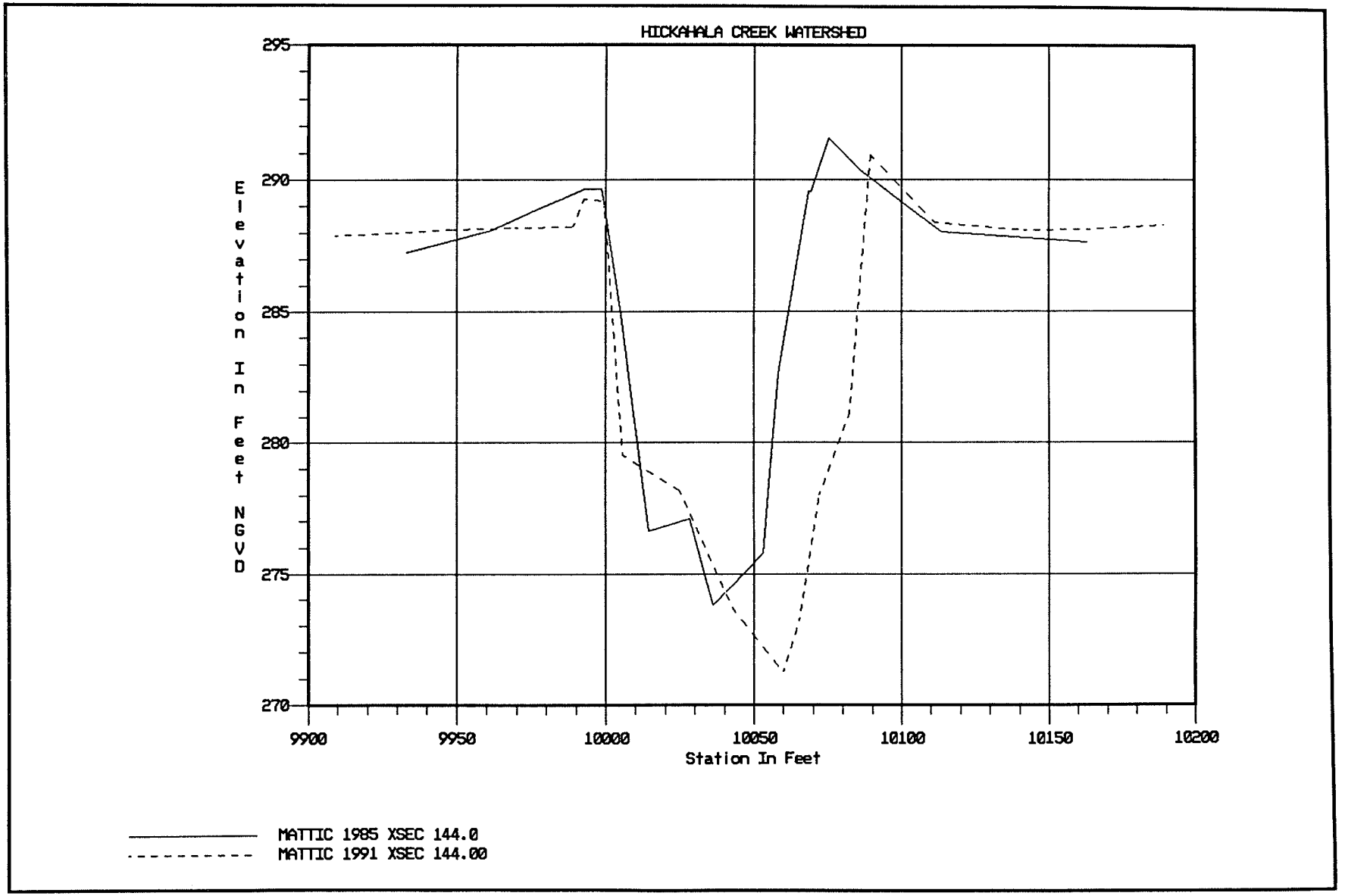
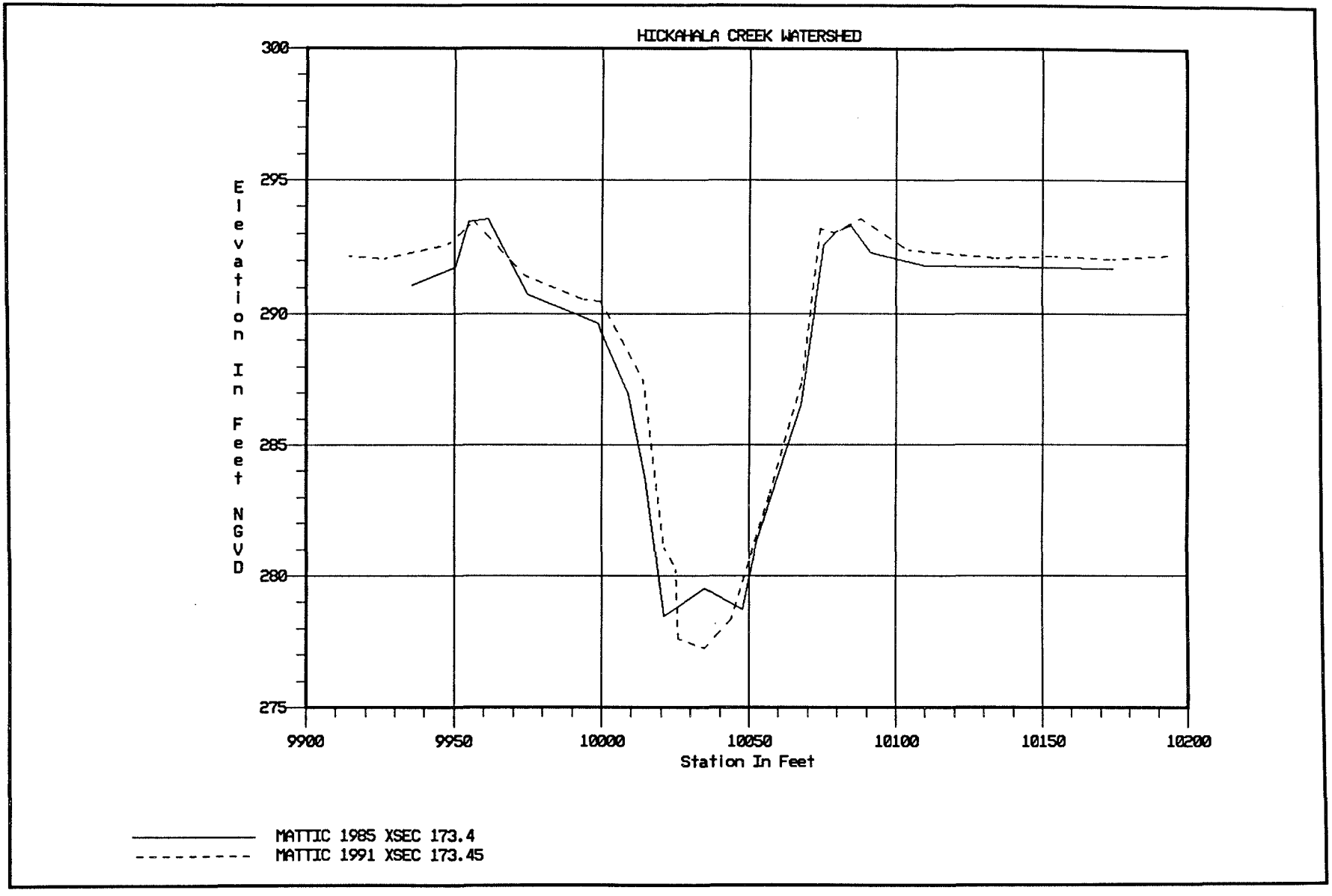

HICKAHALA CREEK WATERSHED
295
290
285
280
275
270
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MATTIC 1985 XSEC 144.0
MATTIC 1991 XSEC 144.00

PLATE A131

PLATE A132


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

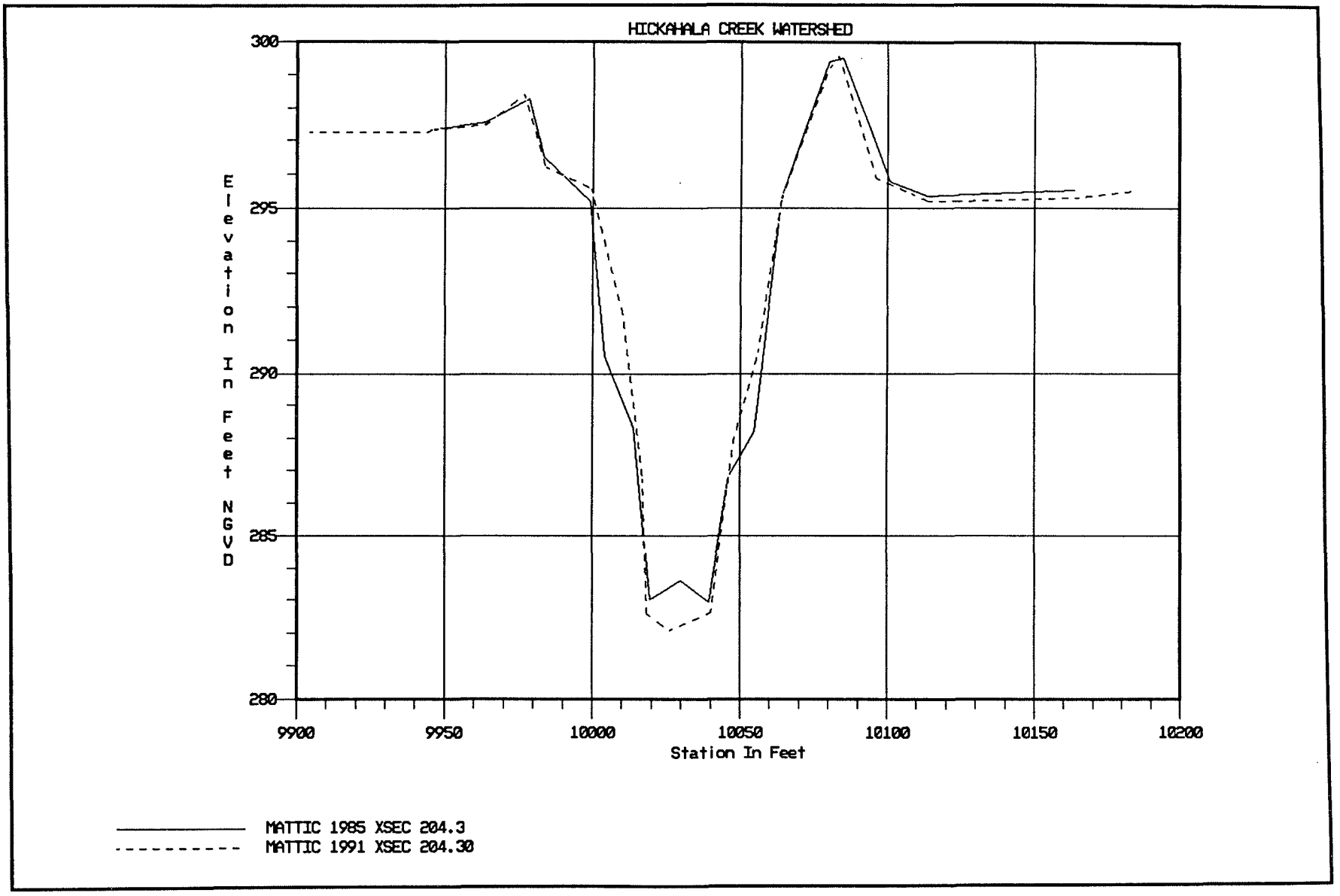
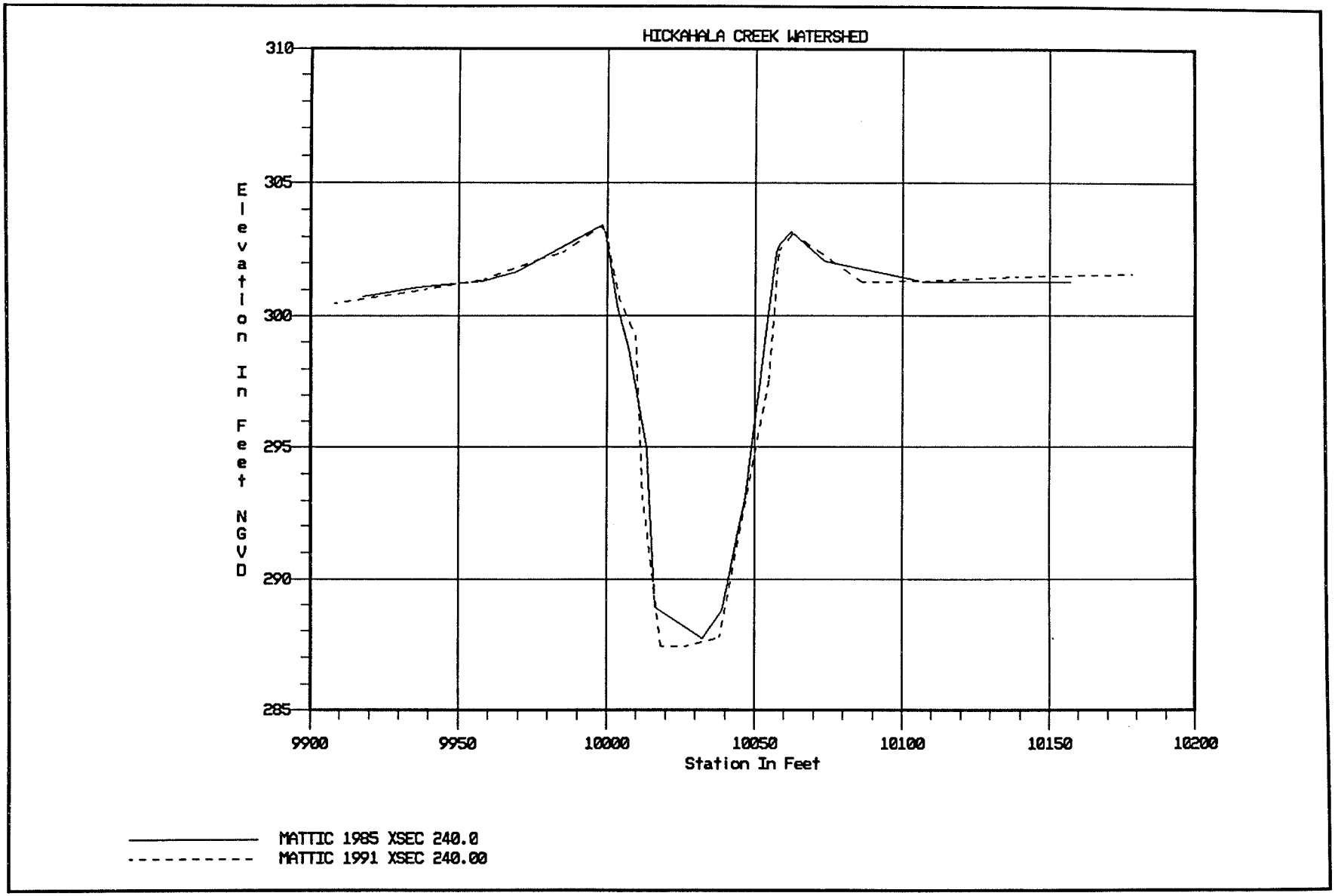

HICKAHALA CREEK WATERSHED
300
295
290
285
280
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
MATTIC 1985 XSEC 204.3
MATTIC 1991 XSEC 204.30

PLATE A133

PLATE A134


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

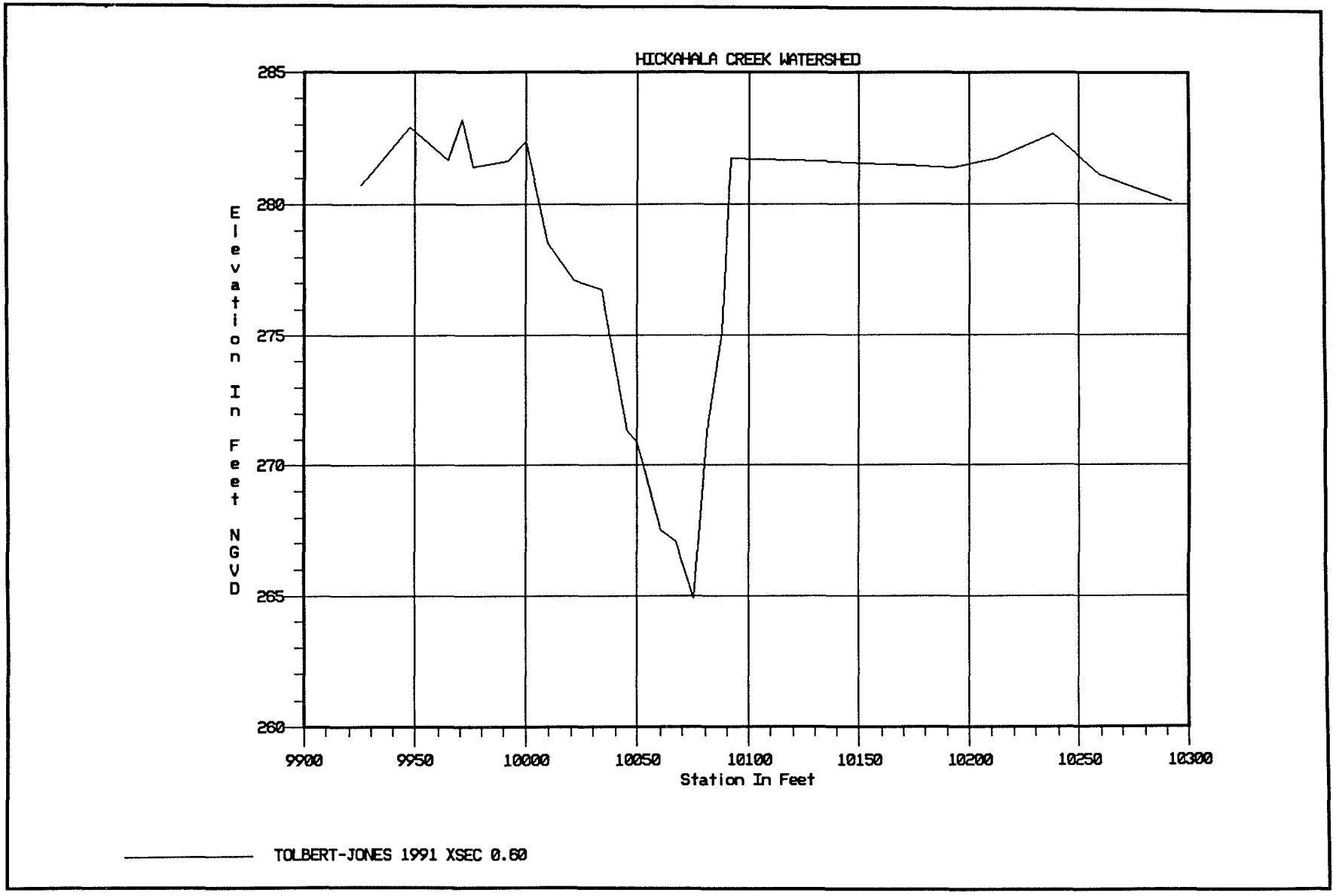
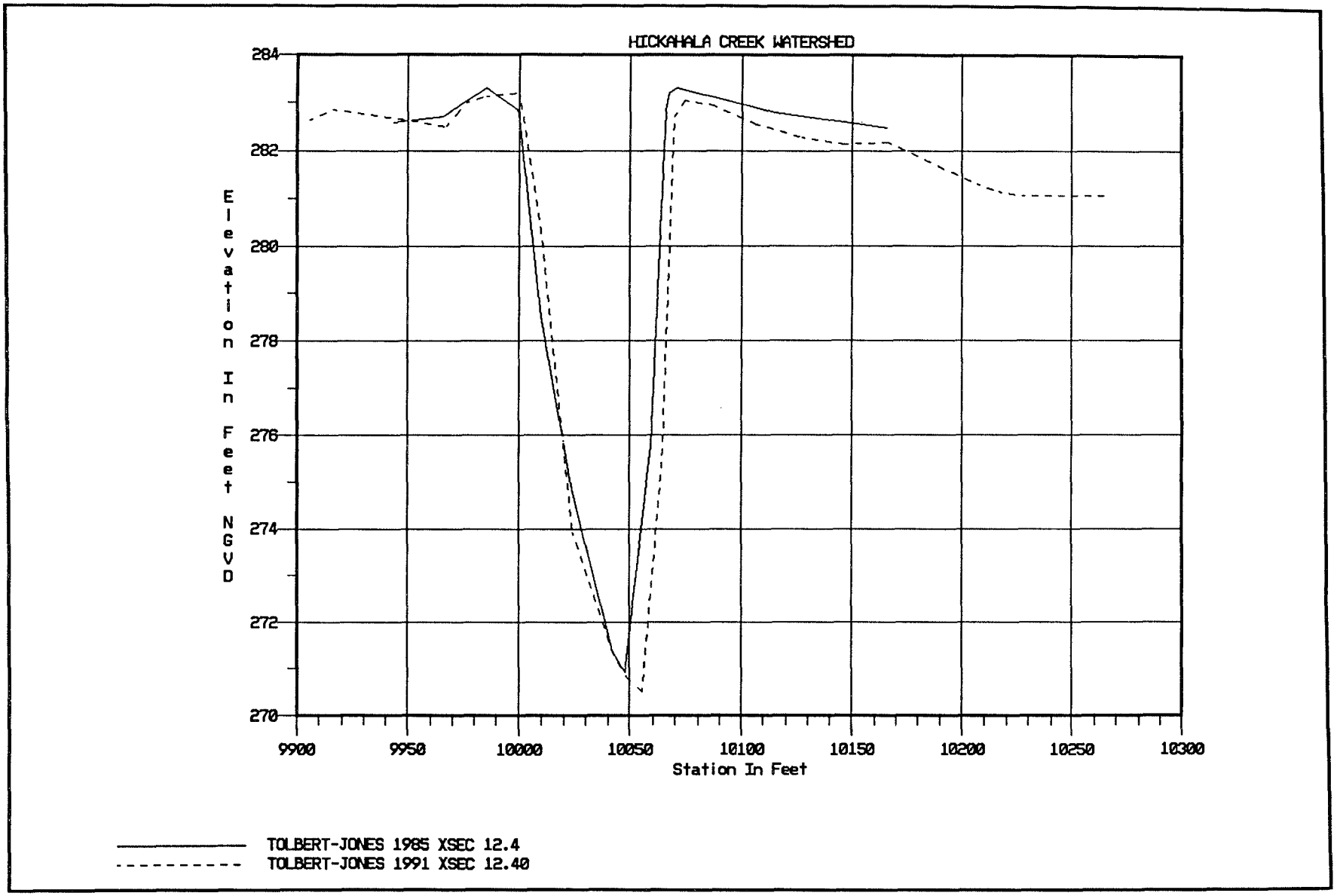

HICKAHALA CREEK WATERSHED
285
280
275
270
265
260
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
TOLBERT-JONES 1991 XSEC 0.60

PLATE A135

PLATE A136


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

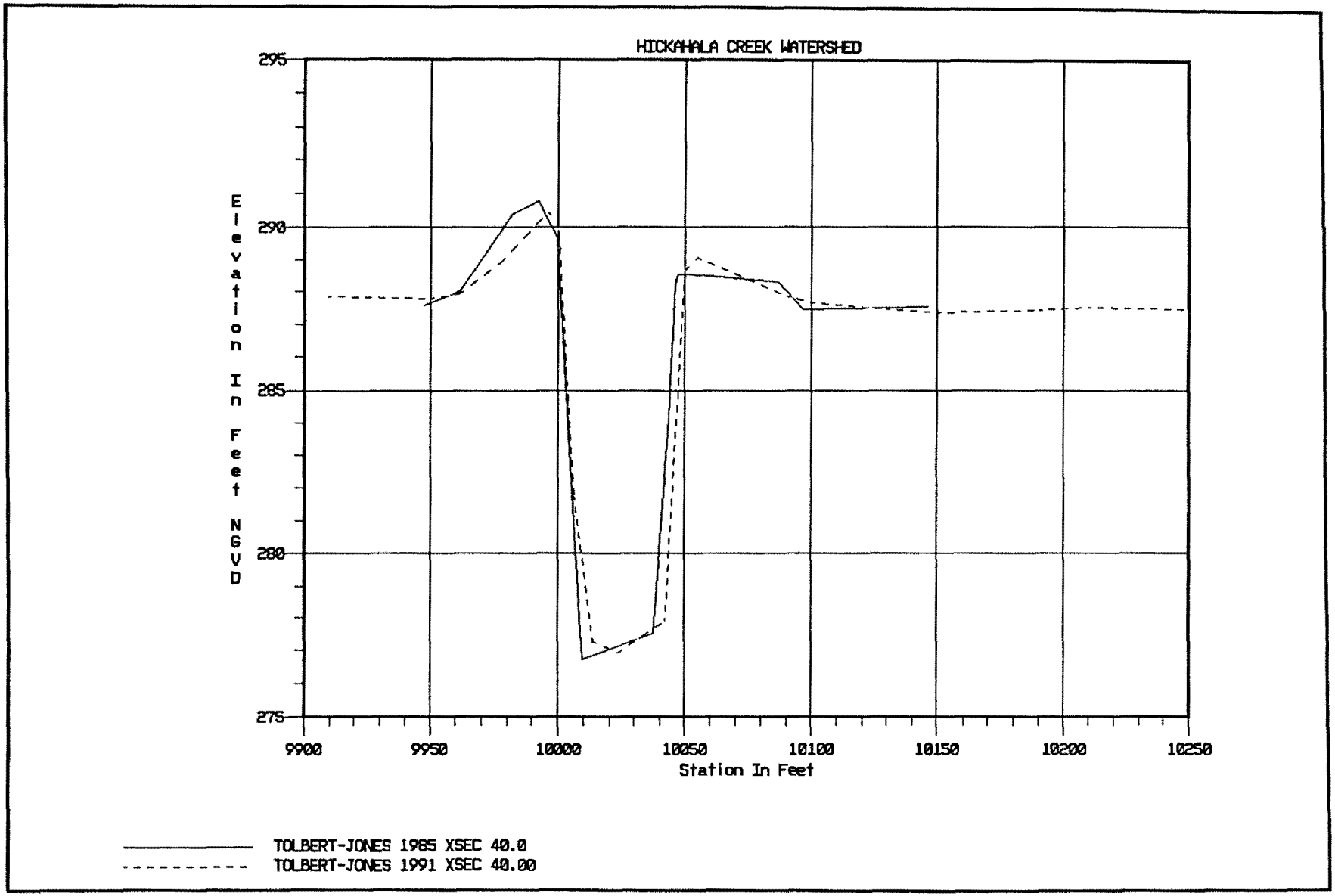
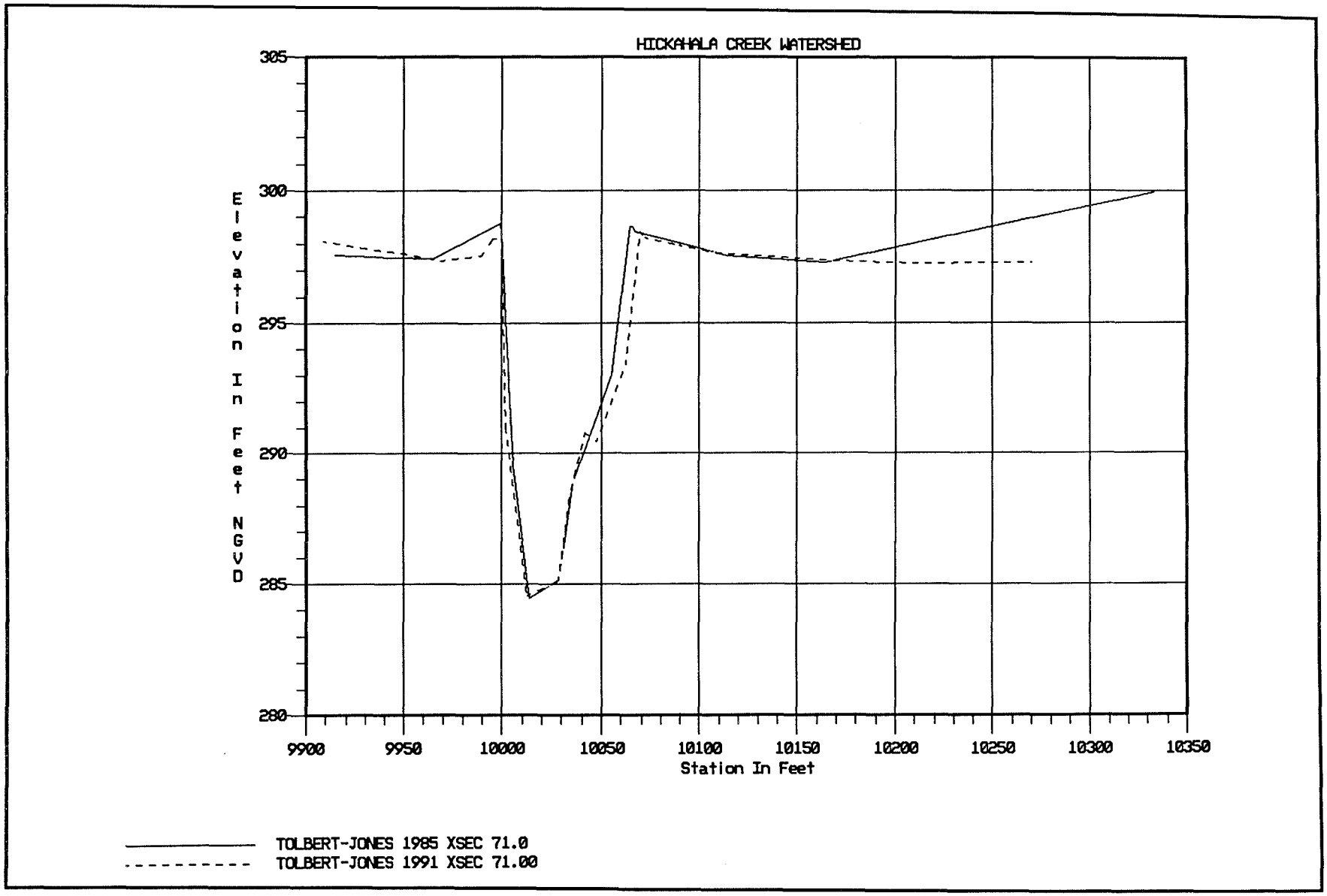

HICKAHALA CREEK WATERSHED
295
290
285
280
275
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
TOLBERT-JONES 1985 XSEC 40.0
TOLBERT-JONES 1991 XSEC 40.00

PLATE A137

PLATE A138


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

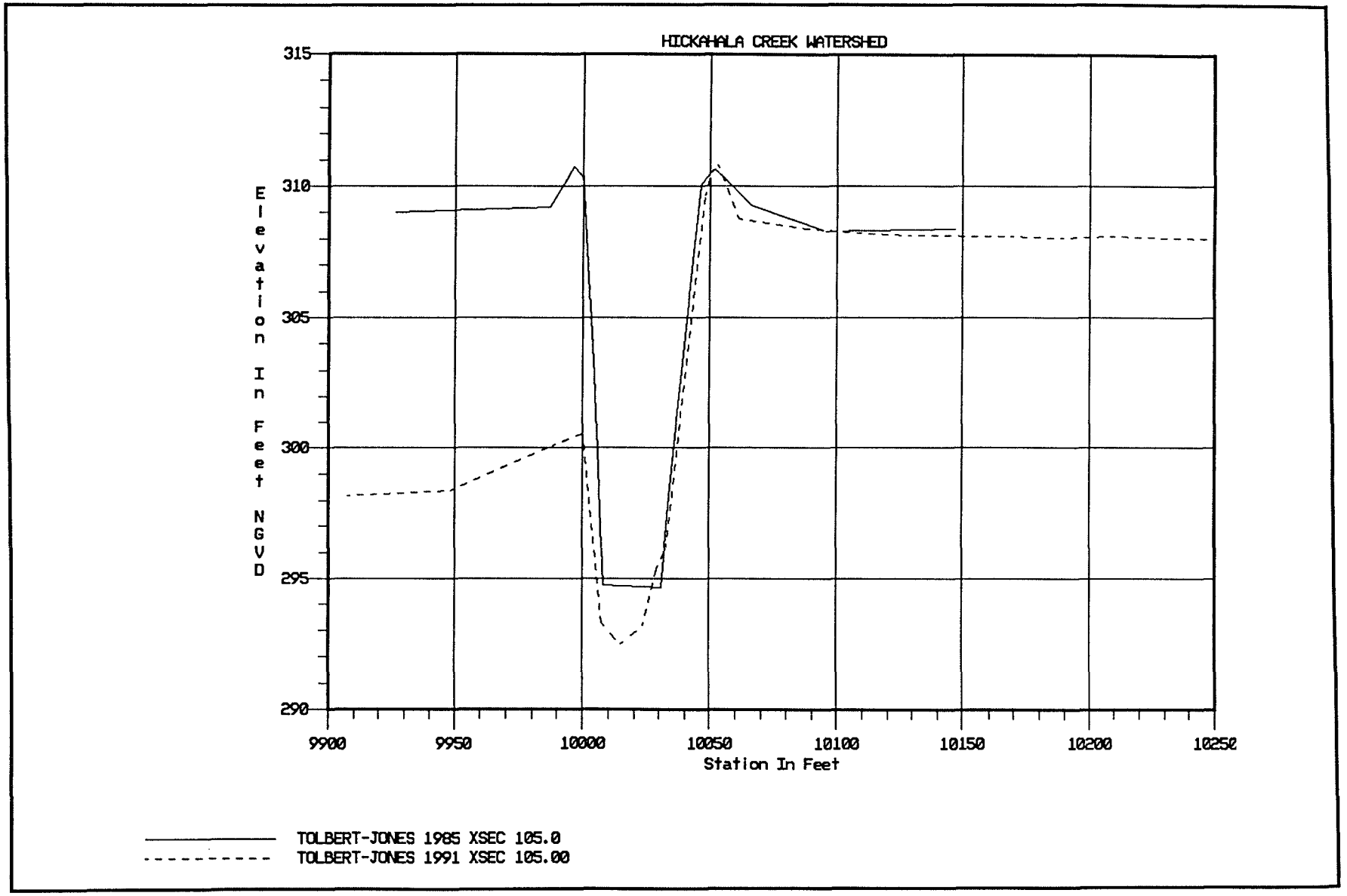
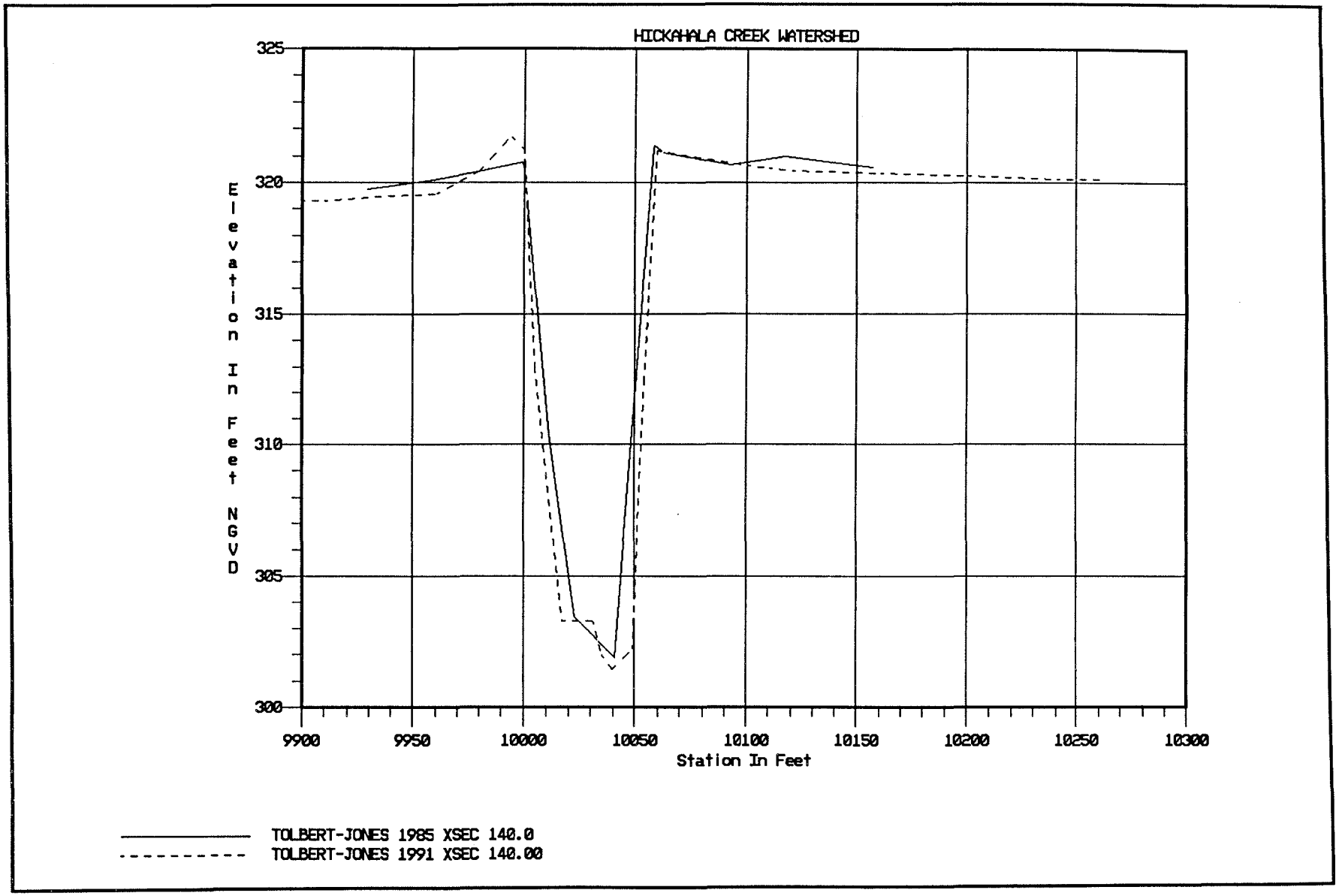

HICKAHALA CREEK WATERSHED
315
310
305
300
295
290
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
TOLBERT-JONES 1985 XSEC 105.0
TOLBERT-JONES 1991 XSEC 105.00

PLATE A139

PLATE A140


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

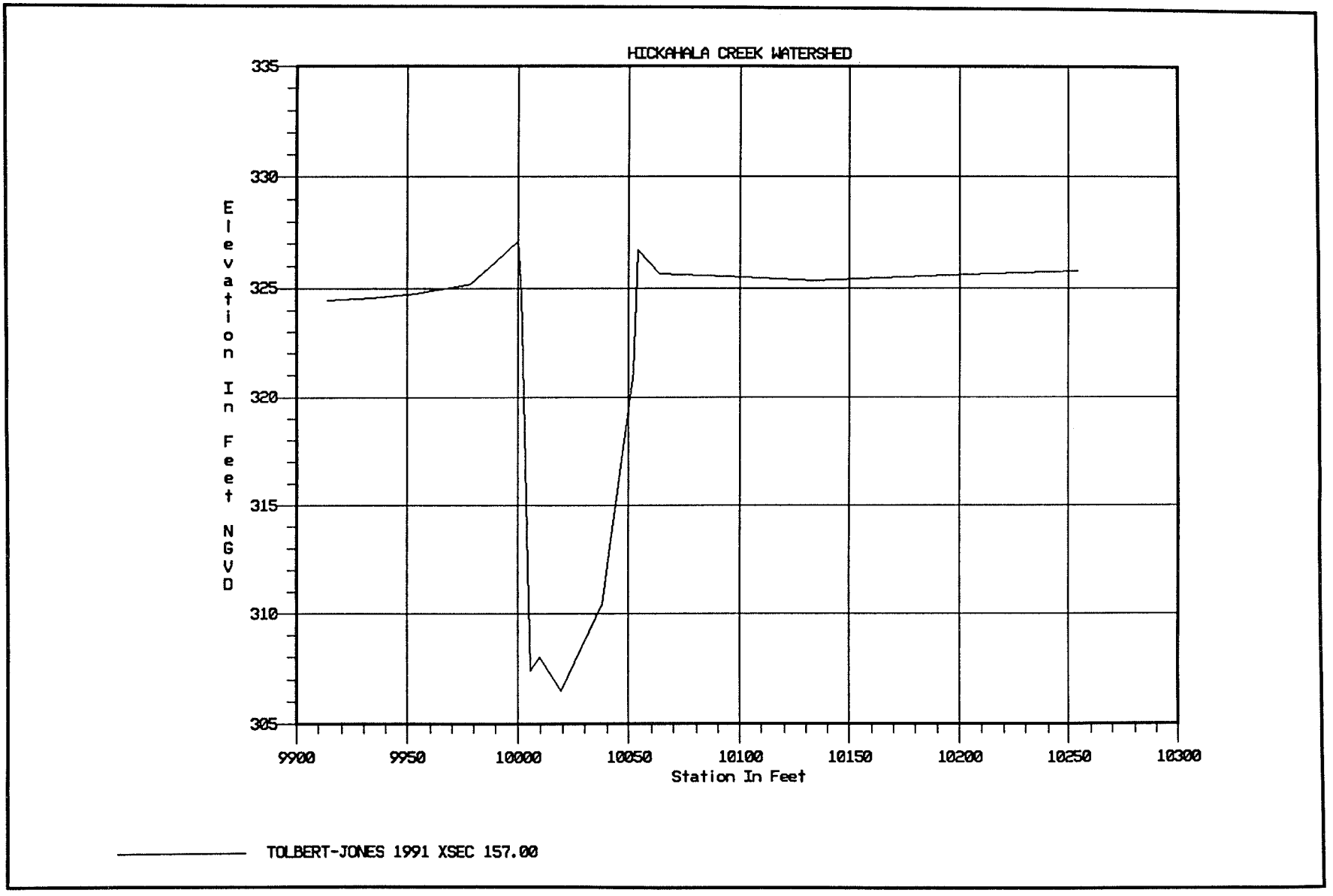
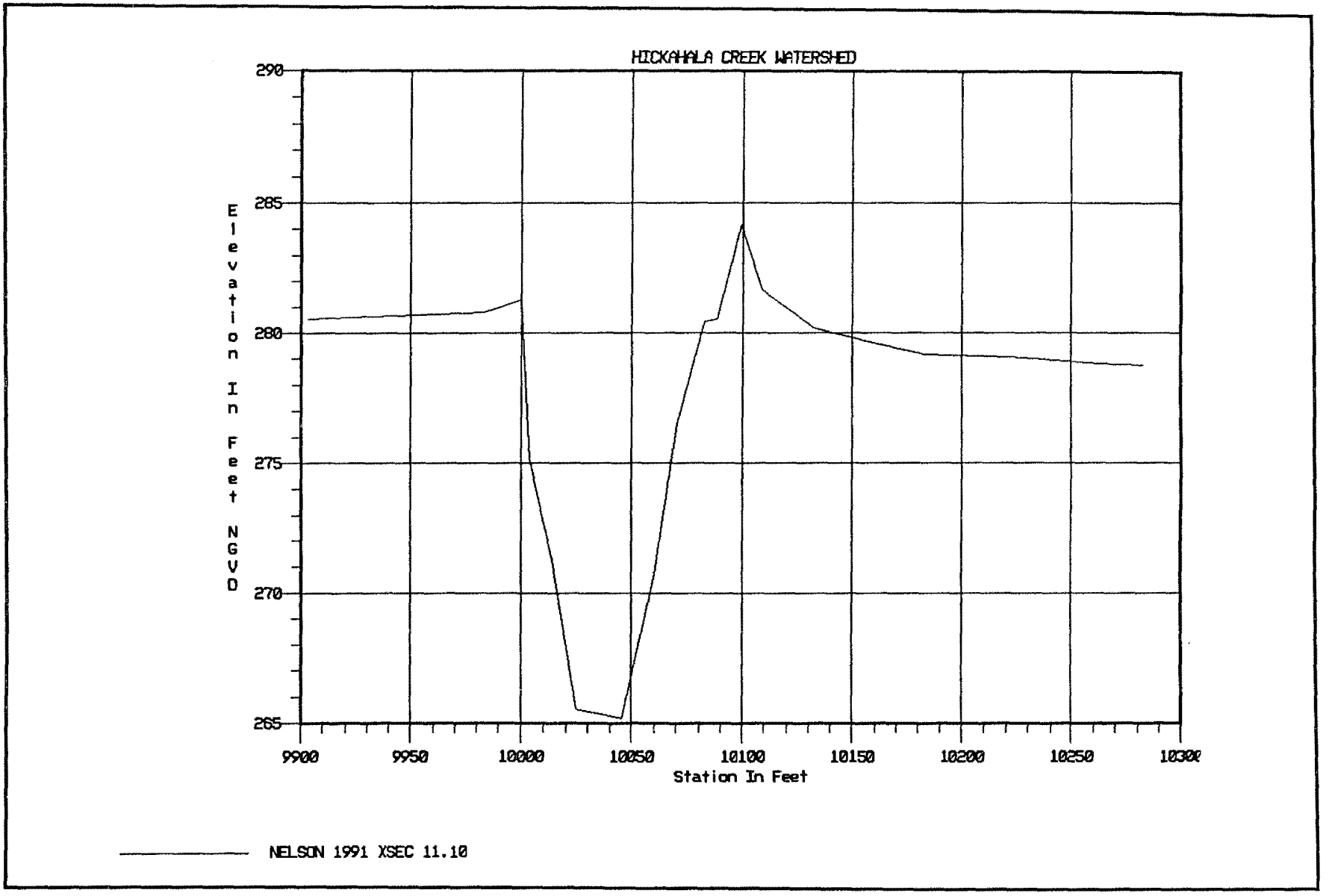

HICKAHALA CREEK WATERSHED
335
330
325
320
315
310
305
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
TOLBERT-JONES 1991 XSEC 157.00

PLATE A141

PLATE A142


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
290
285
280
275
270
265
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
NELSON 1991 XSEC 11.10

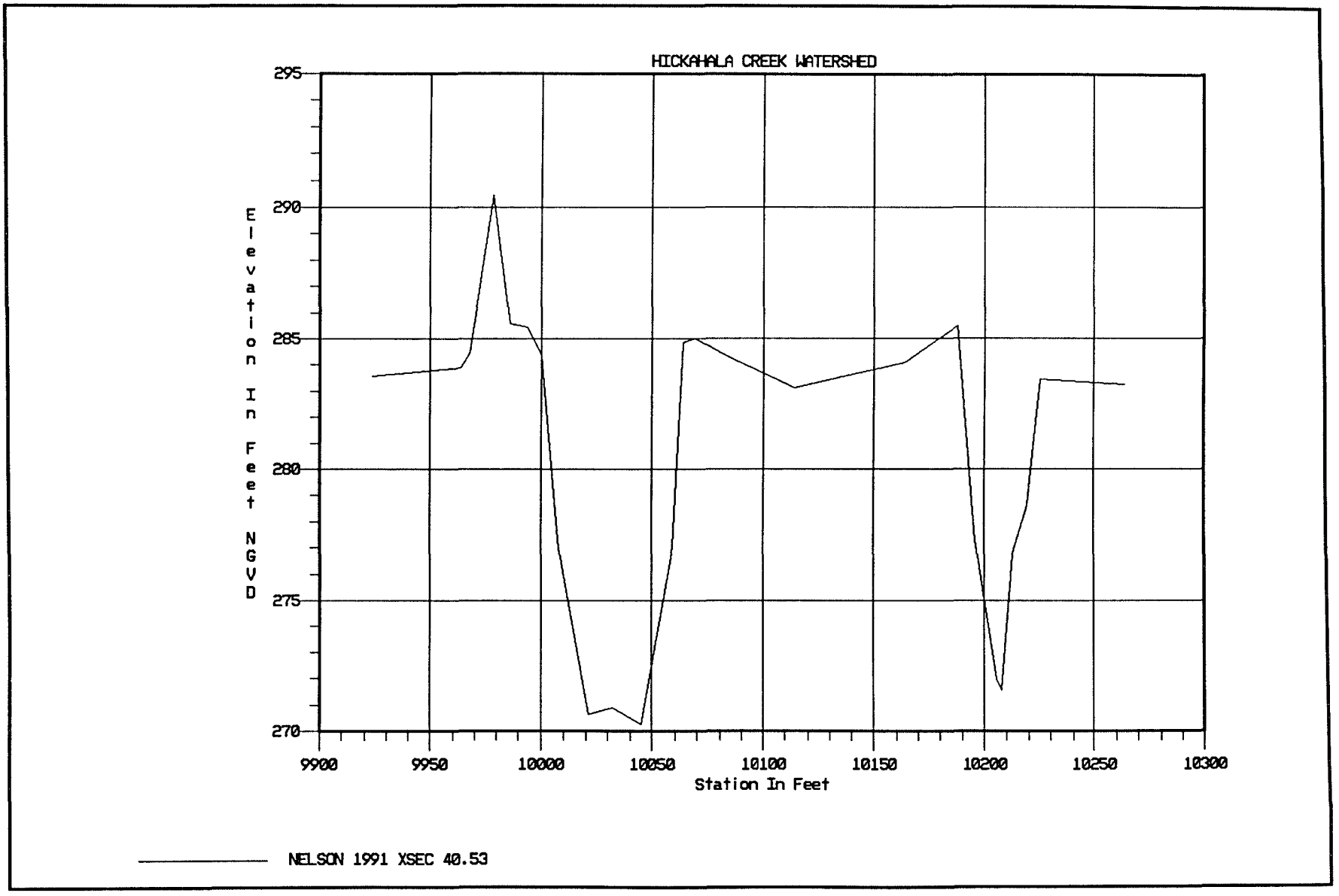
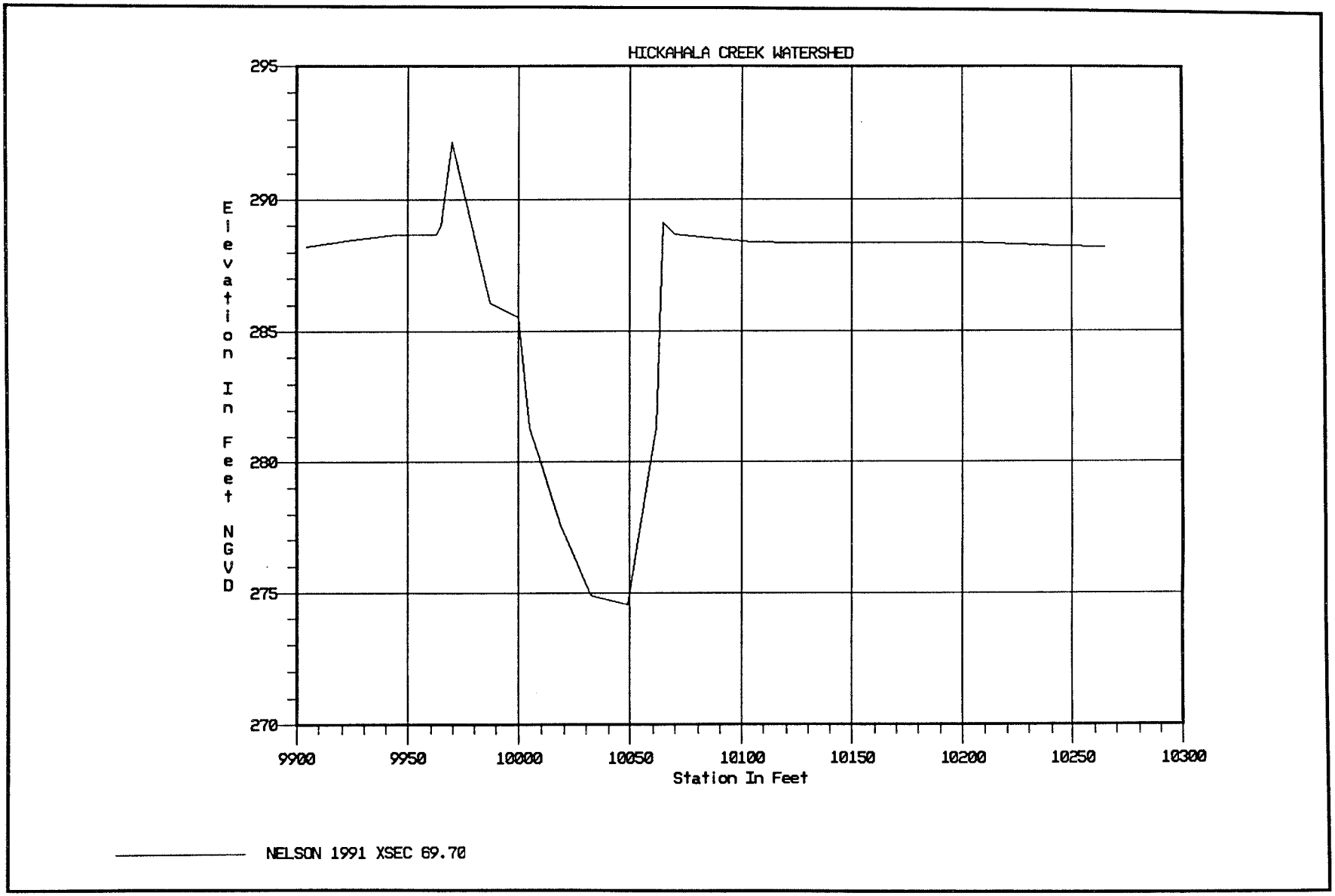

HICKAHALA CREEK WATERSHED
295
290
285
280
275
270
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
NELSON 1991 XSEC 40.53

PLATE A143

PLATE A144


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

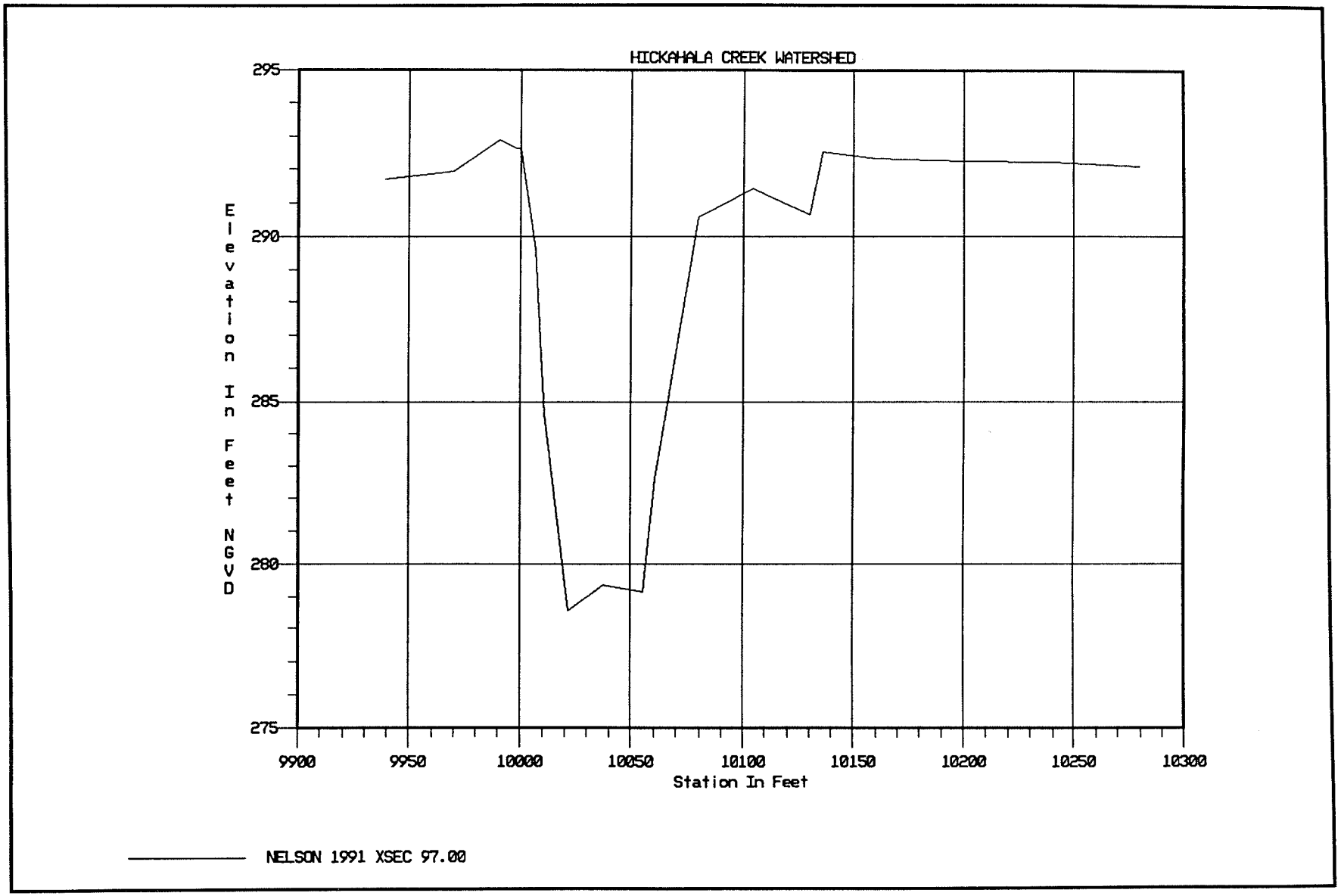
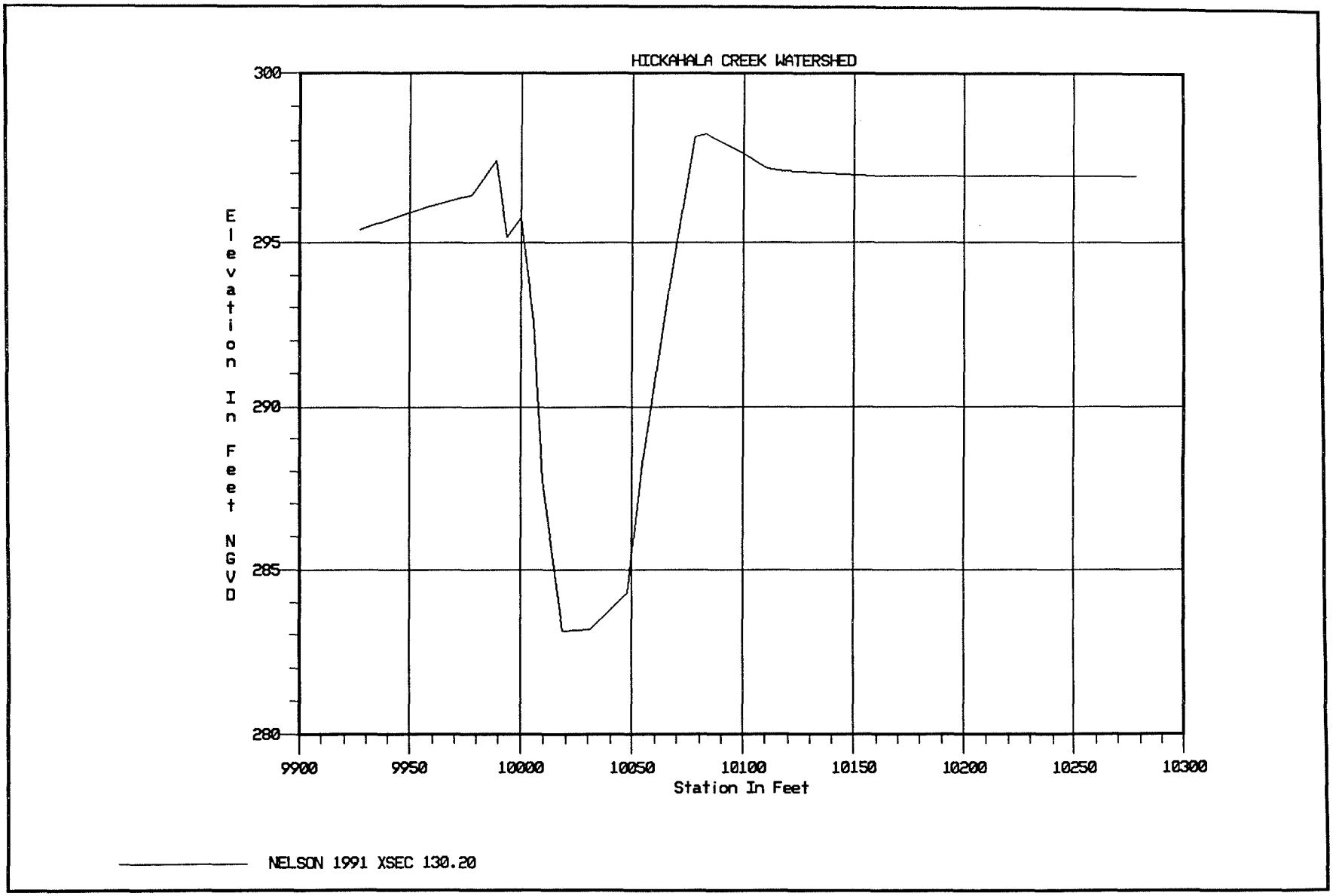

HICKAHALA CREEK WATERSHED
295
290
285
280
275
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
NELSON 1991 XSEC 97.00

PLATE A145

PLATE A146


HICKAHALA CREEK WATERSHED
300
295
290
285
280
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
NELSON 1991 XSEC 130.20

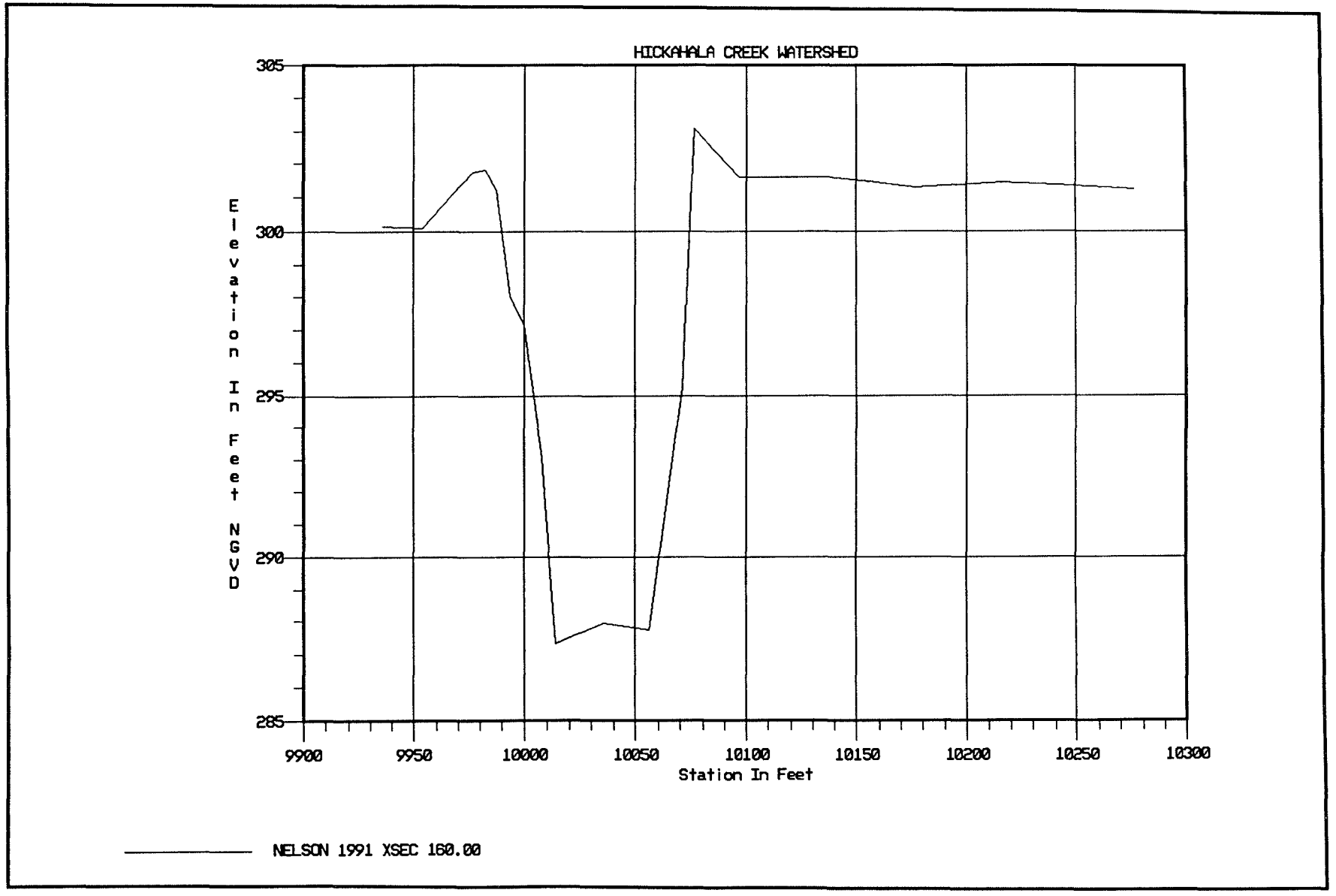
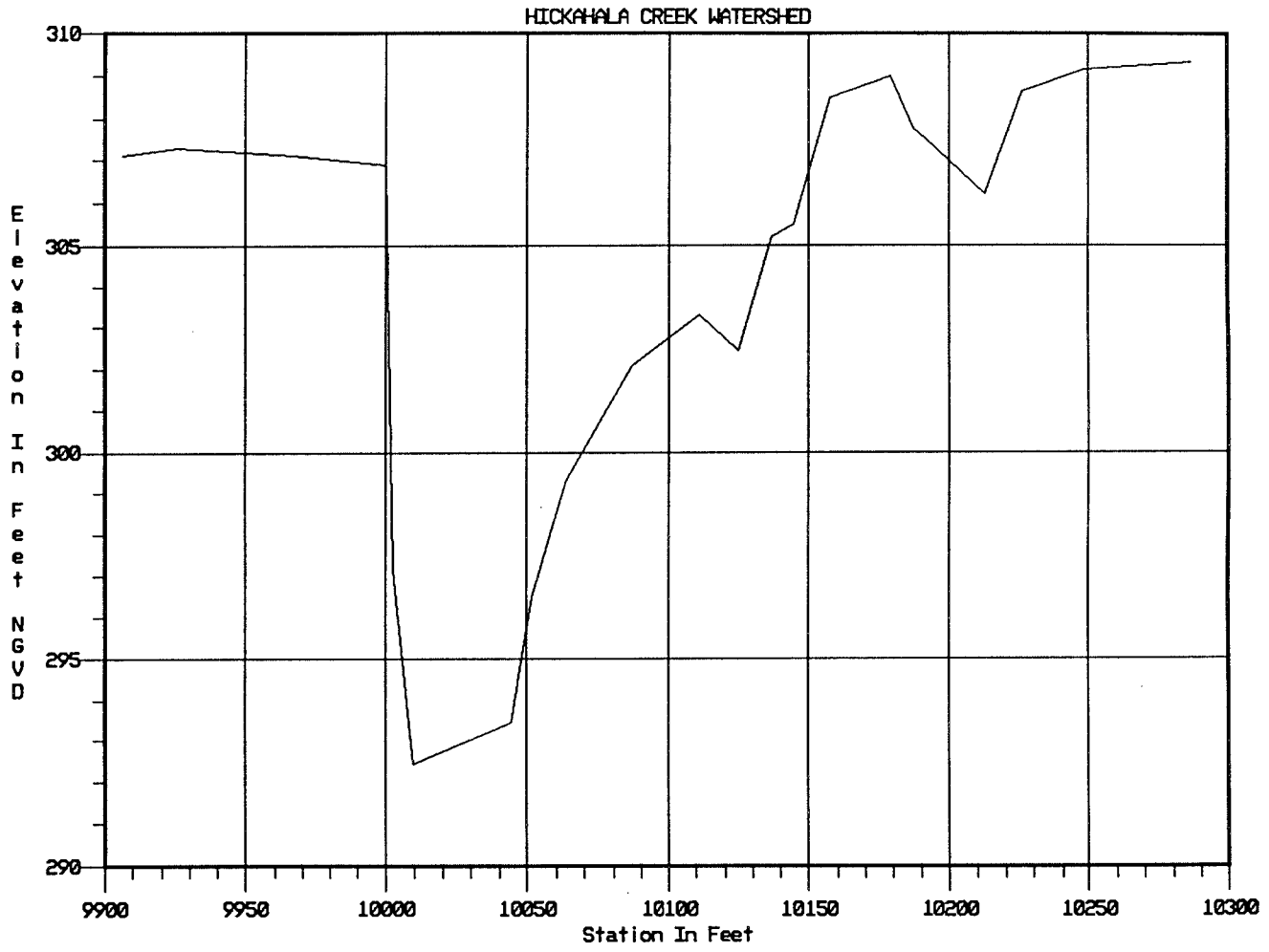

HICKAHALA CREEK WATERSHED
305
300
295
290
285
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
NELSON 1991 XSEC 160.00

PLATE A147

PLATE A148


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
310
305
300
295
290
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
NELSON 1991 XSEC 189.00

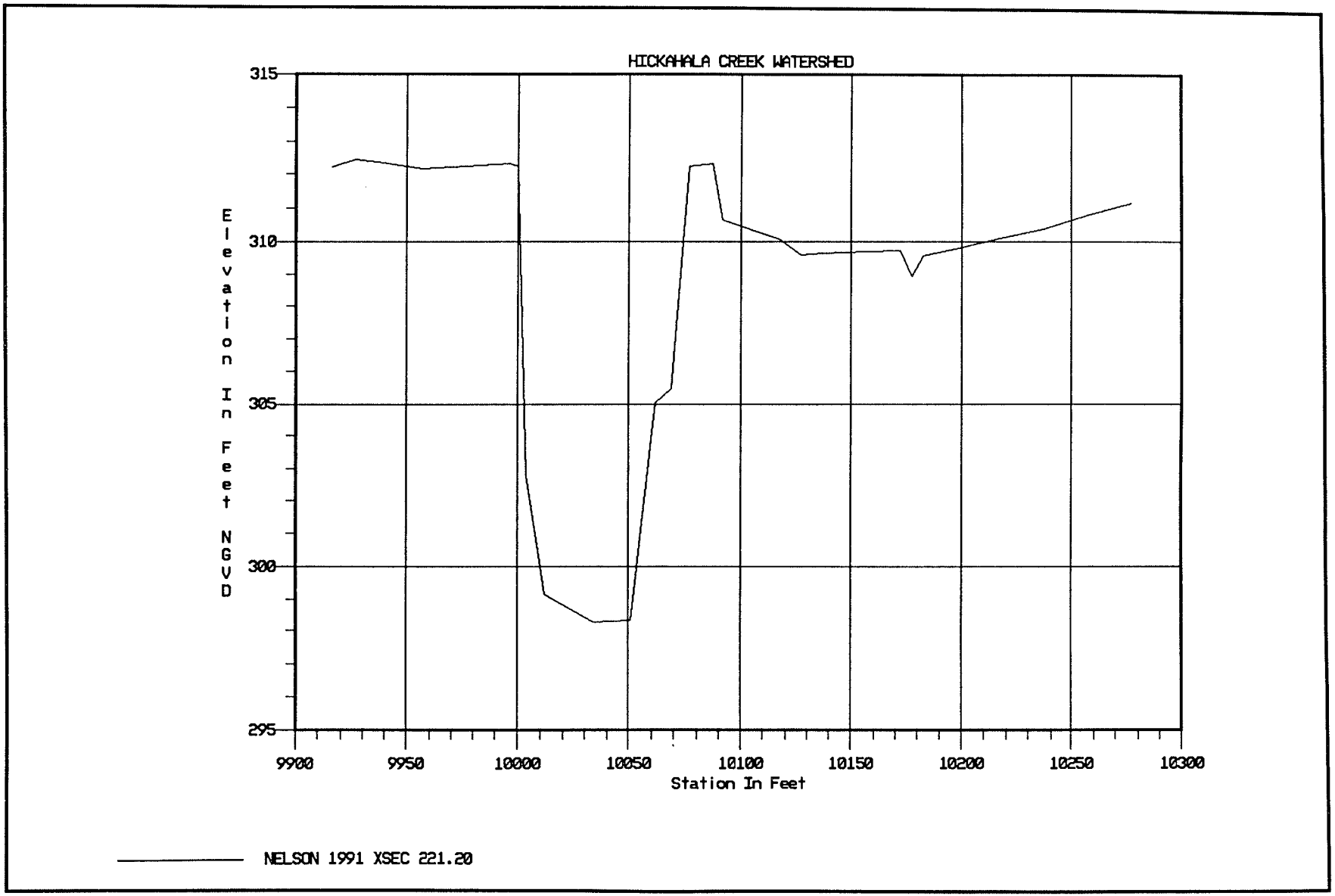
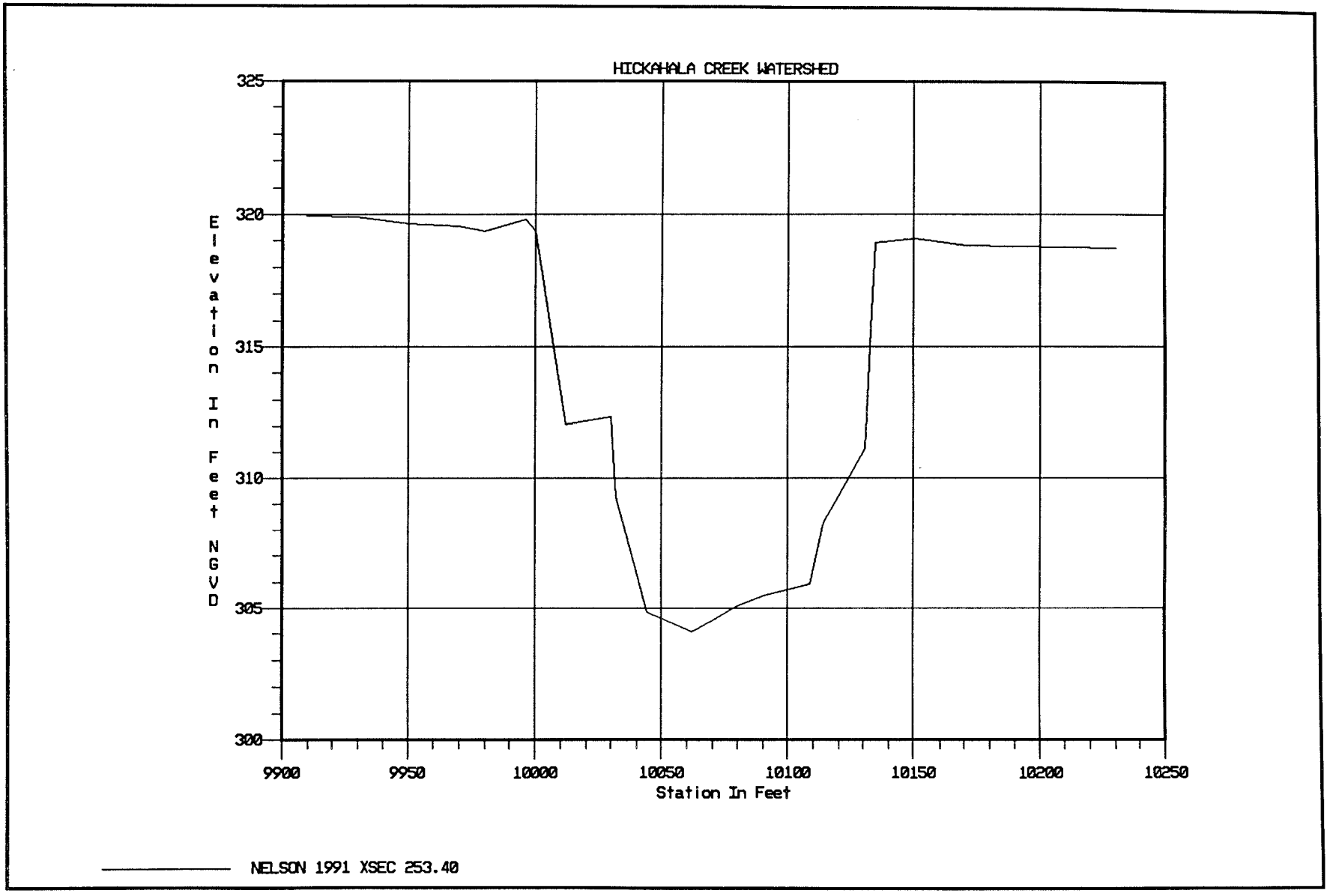

HICKAHALA CREEK WATERSHED
315
310
305
300
295
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
NELSON 1991 XSEC 221.20

PLATE A149

PLATE A150


HICKAHALA CREEK WATERSHED
325
320
315
310
305
300
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
NELSON 1991 XSEC 253.40

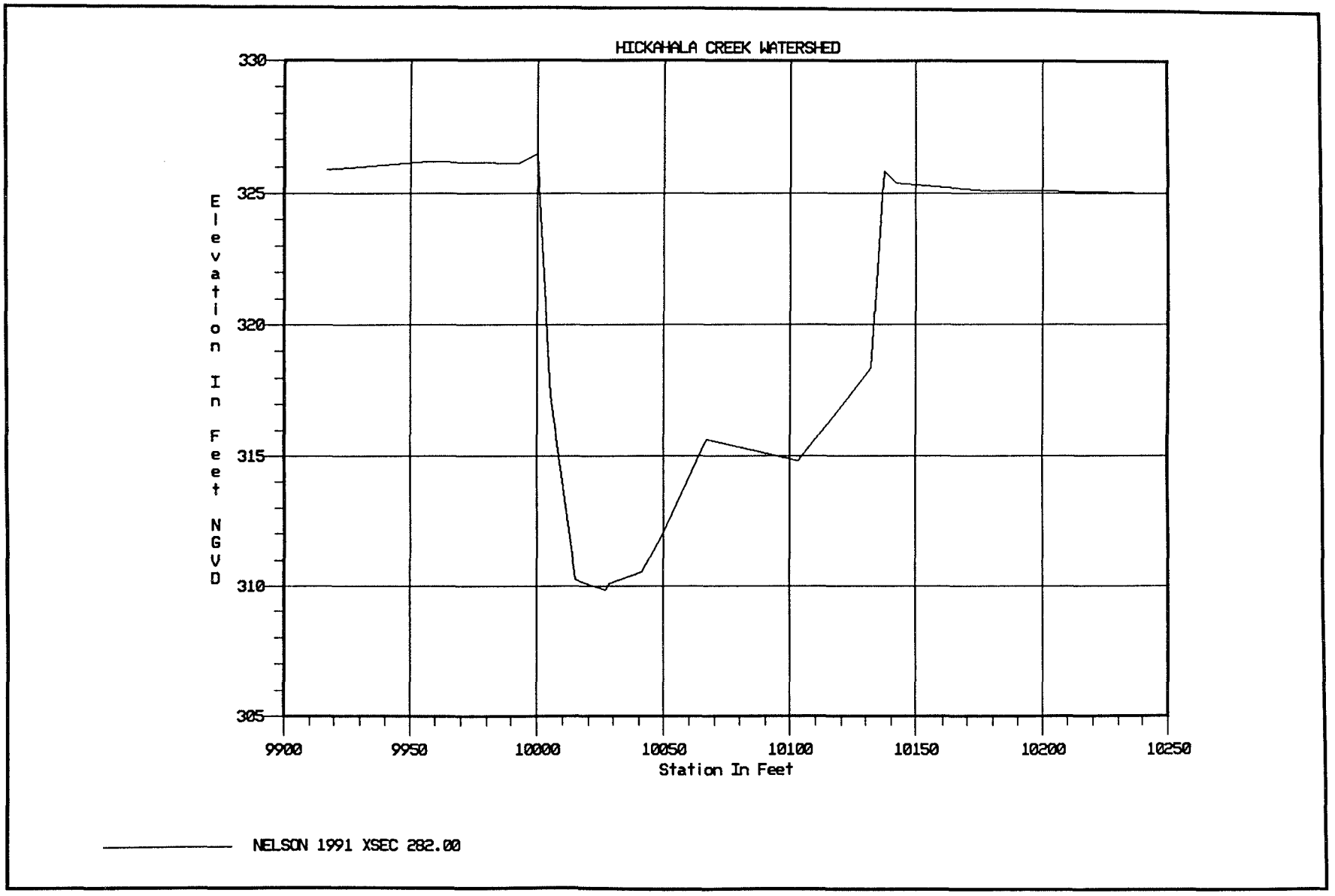
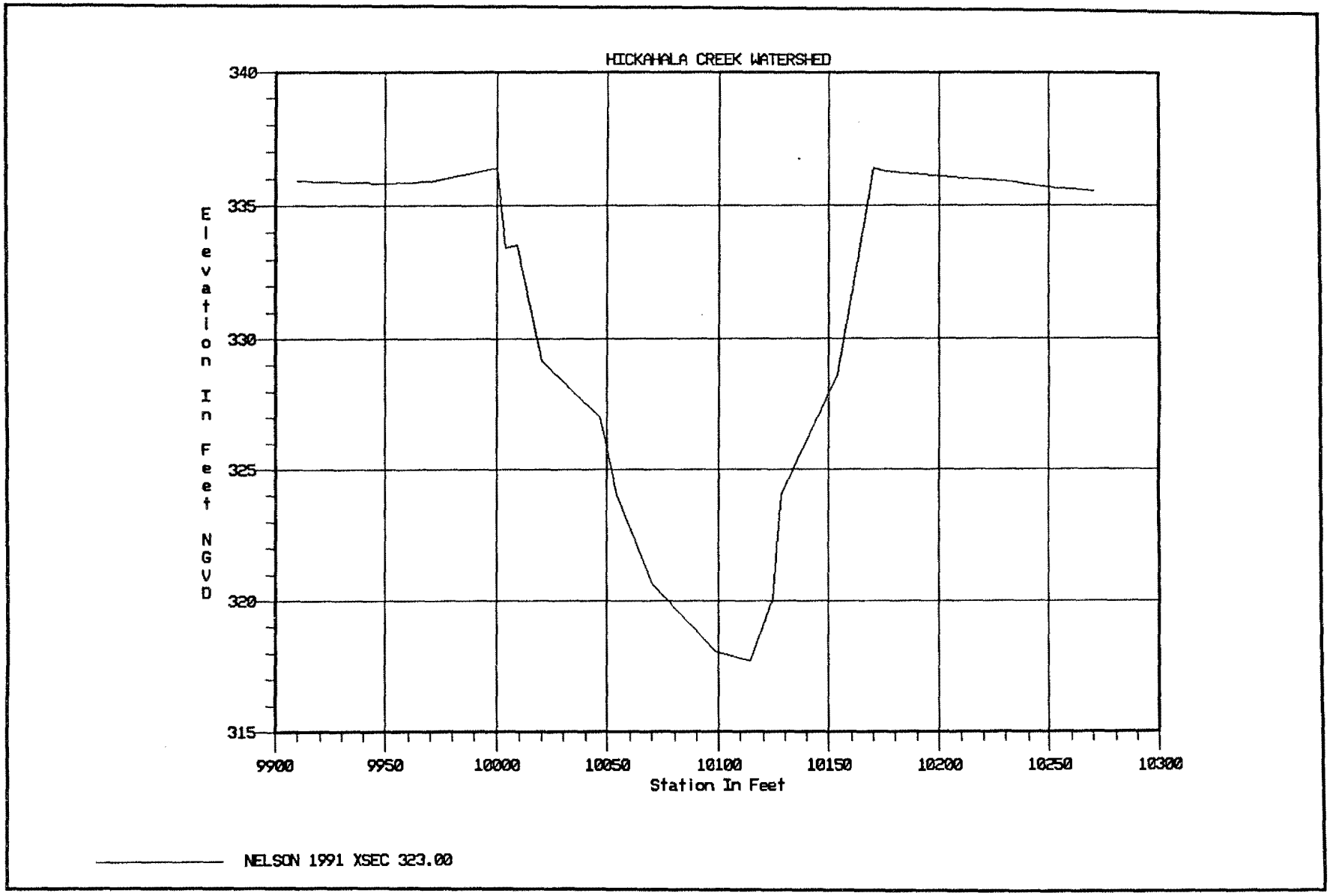

HICKAHALA CREEK WATERSHED
330
325
320
315
310
305
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
NELSON 1991 XSEC 282.00

PLATE A151

PLATE A152


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

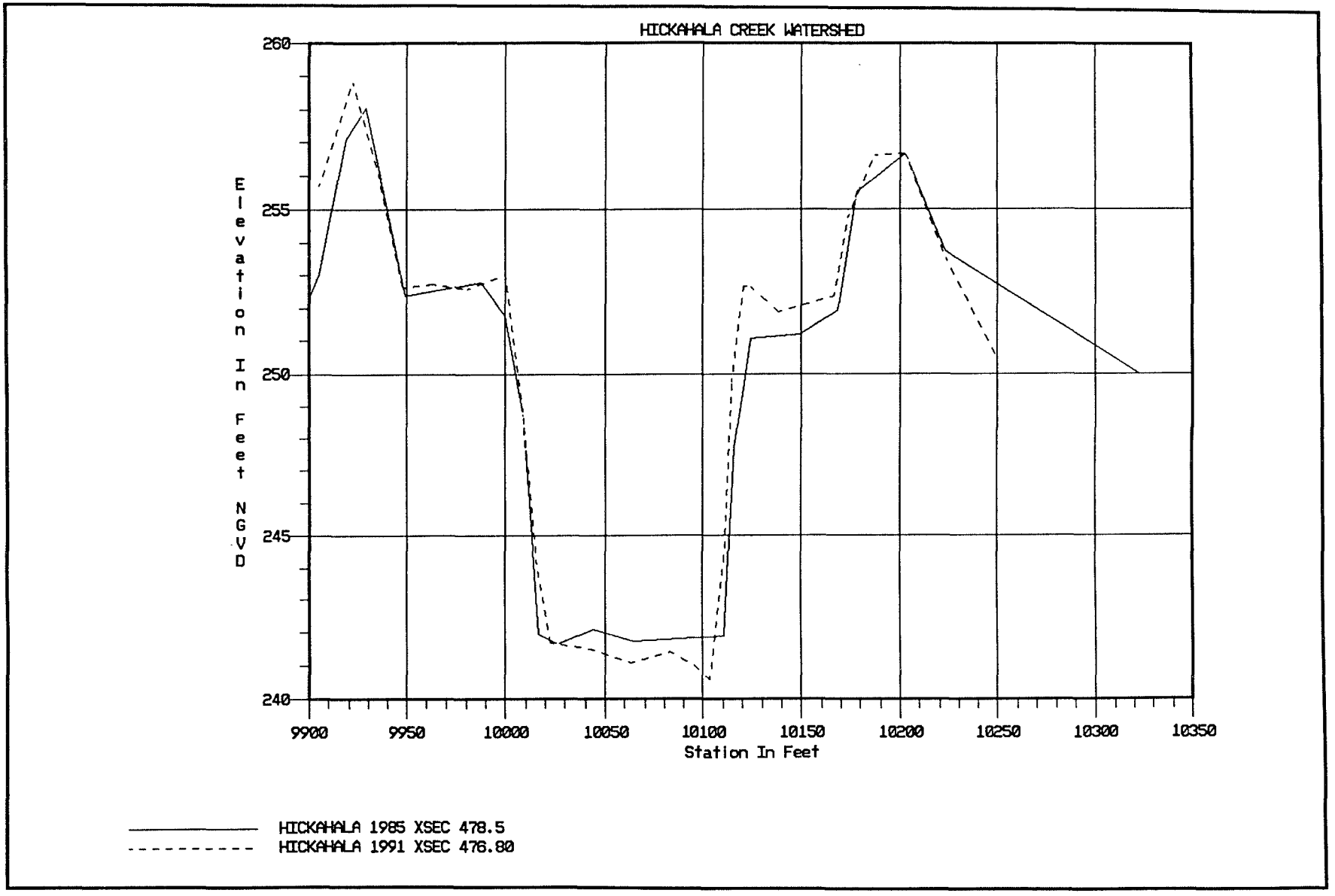
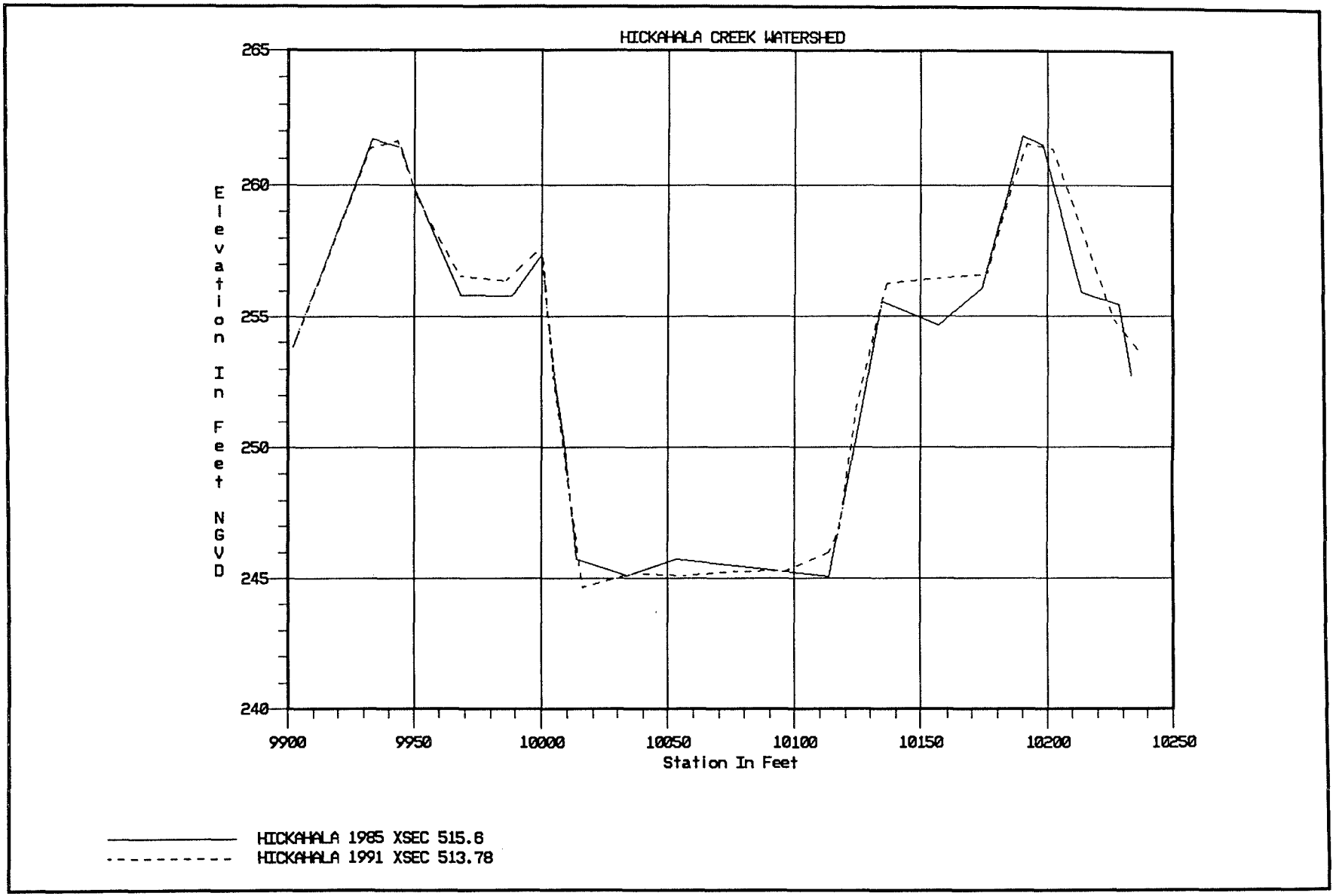

HICKAHALA CREEK WATERSHED
260
255
250
245
240
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
HICKAHALA 1985 XSEC 478.5
HICKAHALA 1991 XSEC 476.80

PLATE A153

PLATE A154


HICKAHALA CREEK WATERSHED
265
260
255
250
245
240
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 515.6
HICKAHALA 1991 XSEC 513.78

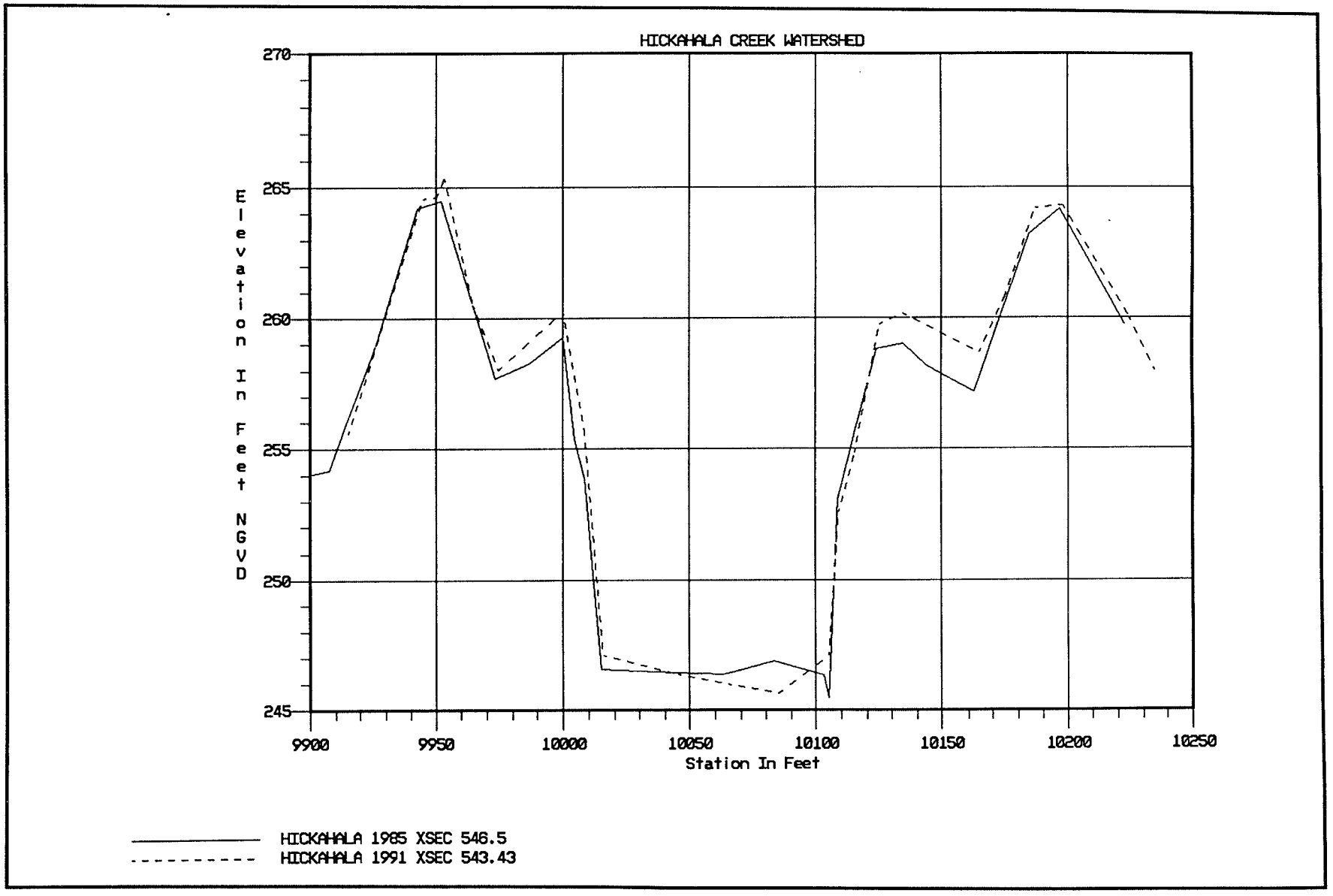
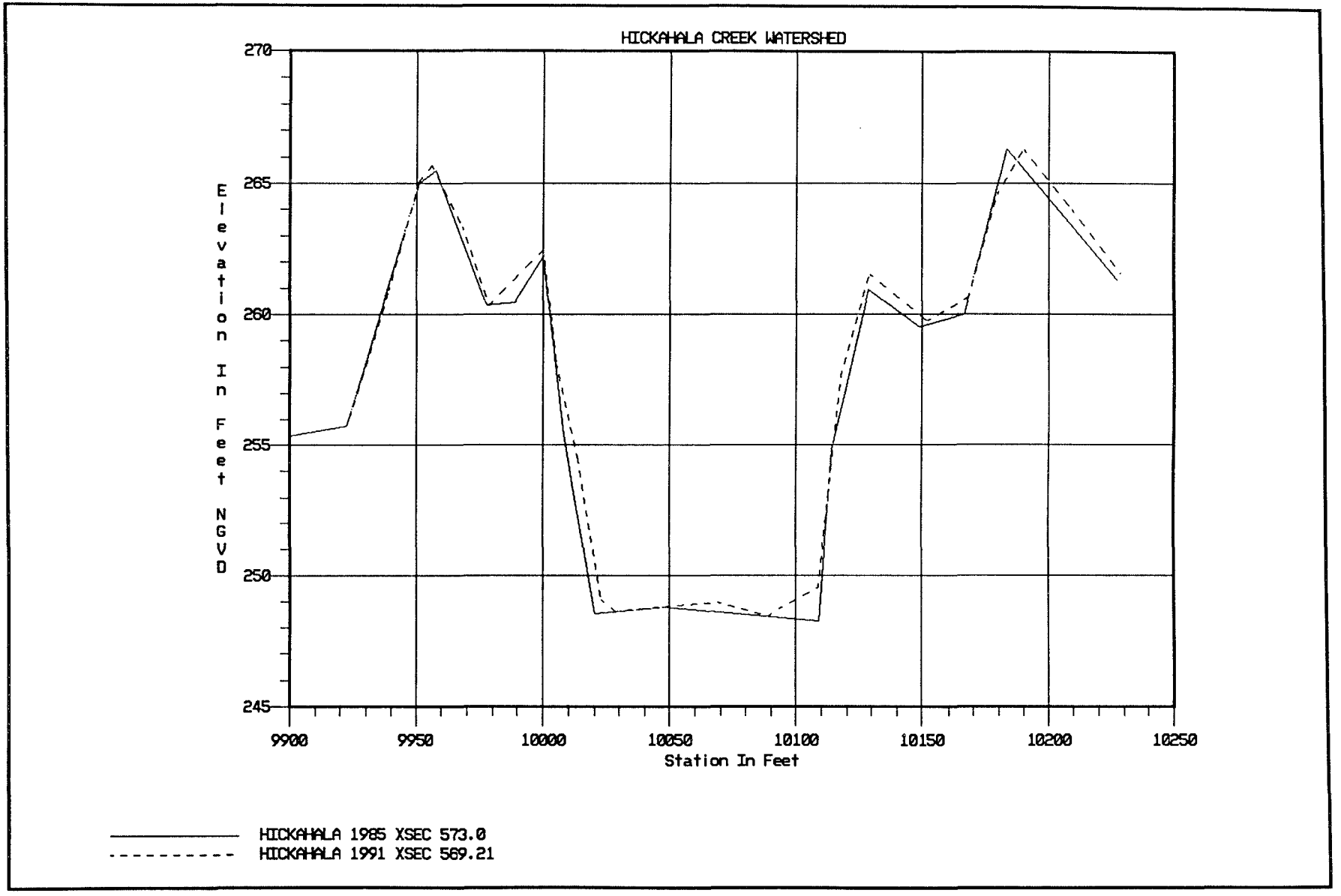

HICKAHALA CREEK WATERSHED
270
265
260
255
250
245
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 546.5
HICKAHALA 1991 XSEC 543.43

PLATE A155

PLATE A156


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

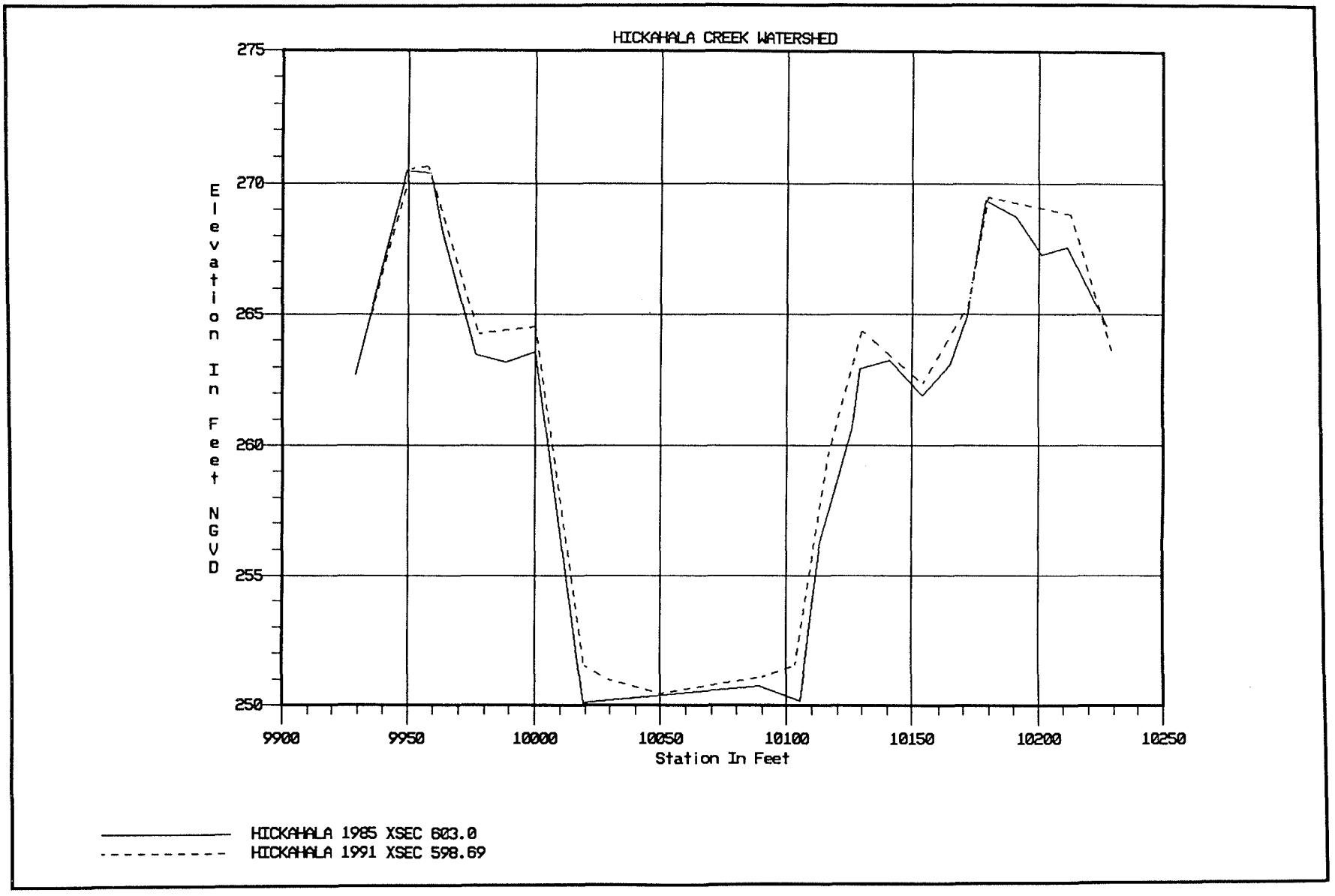
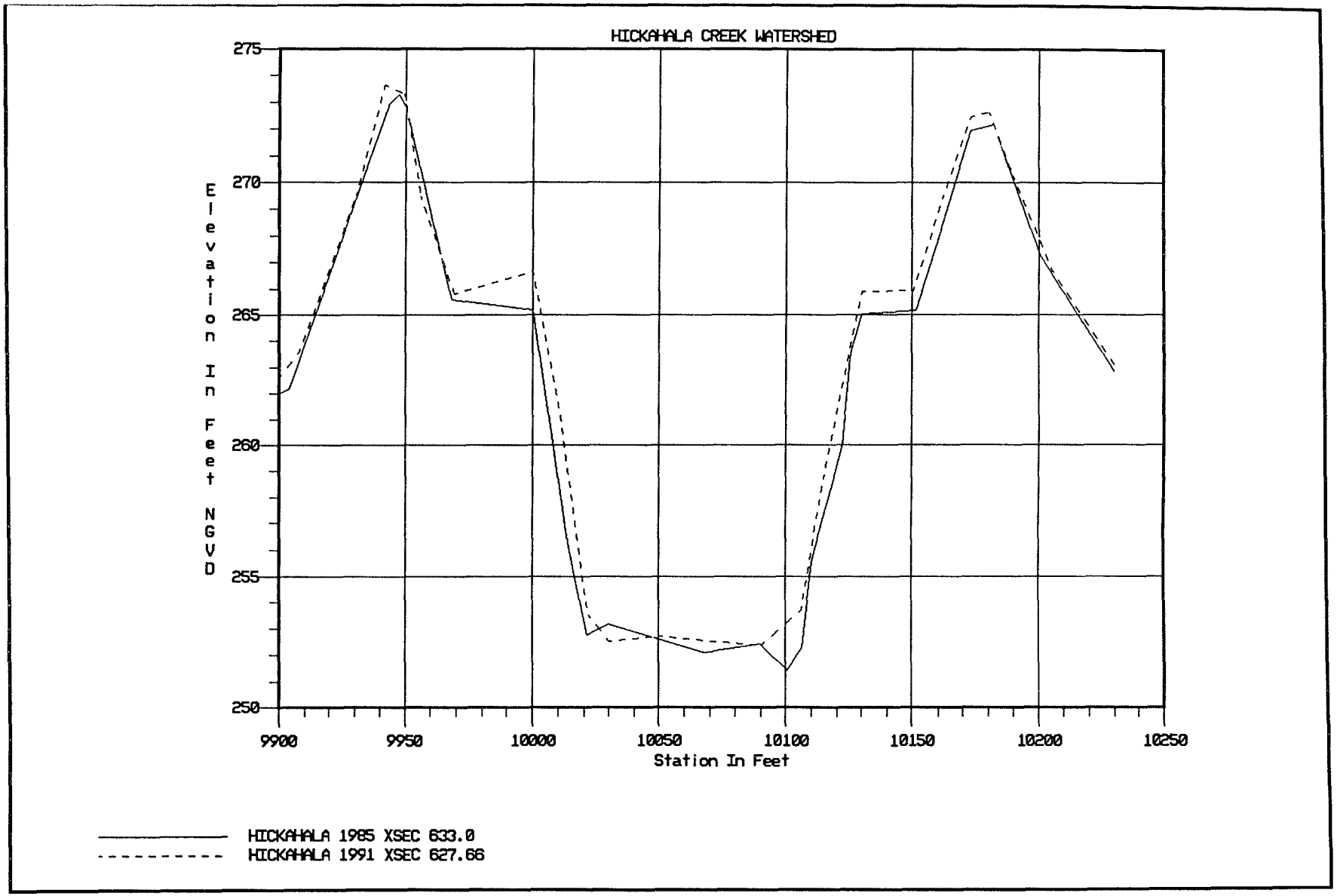

HICKAHALA CREEK WATERSHED
275
270
265
260
255
250
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 603.0
HICKAHALA 1991 XSEC 598.69

PLATE A157

PLATE A158


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

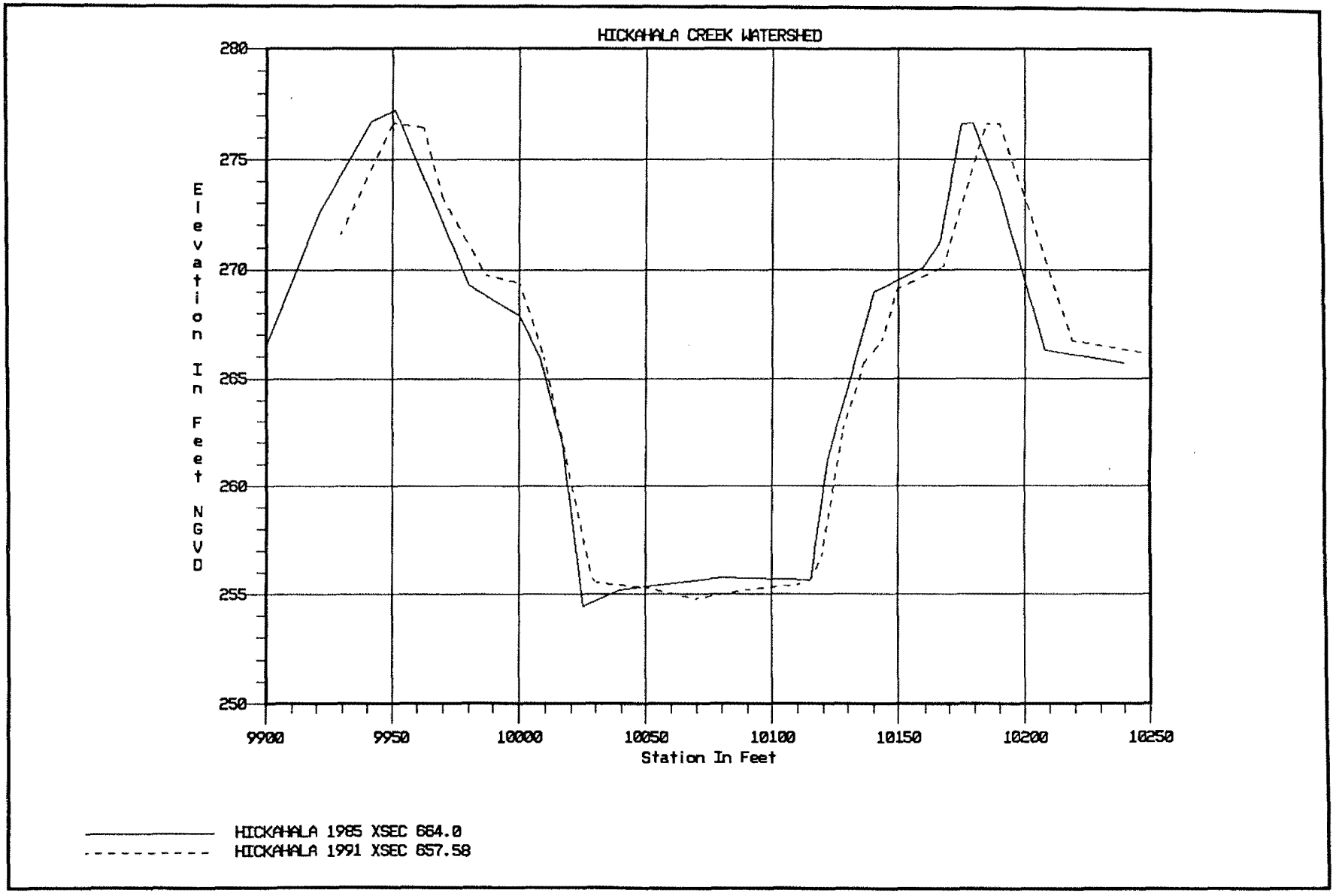
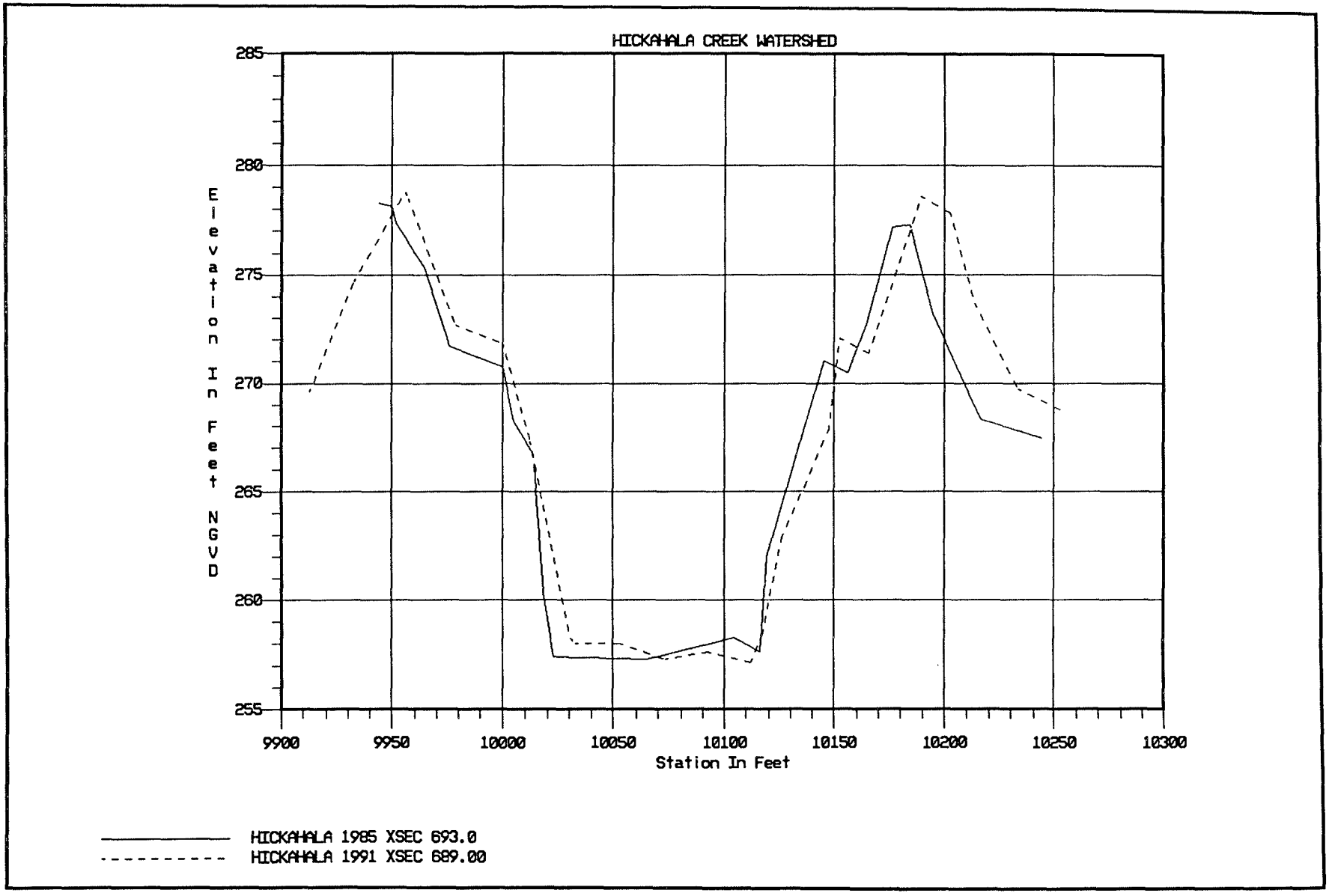

HICKAHALA CREEK WATERSHED
280
275
270
265
260
255
250
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 664.0
HICKAHALA 1991 XSEC 657.58

PLATE A159

PLATE A160


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

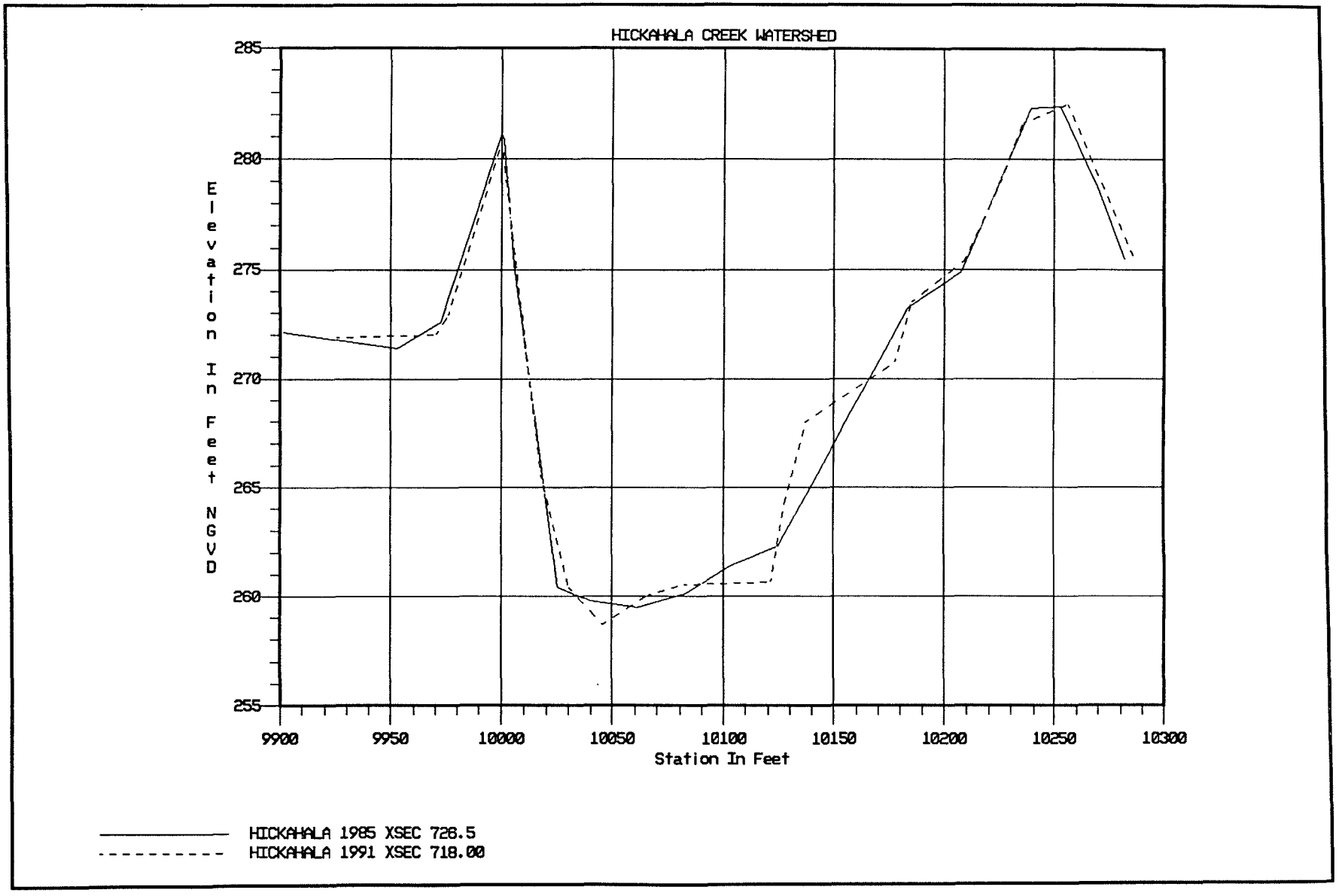
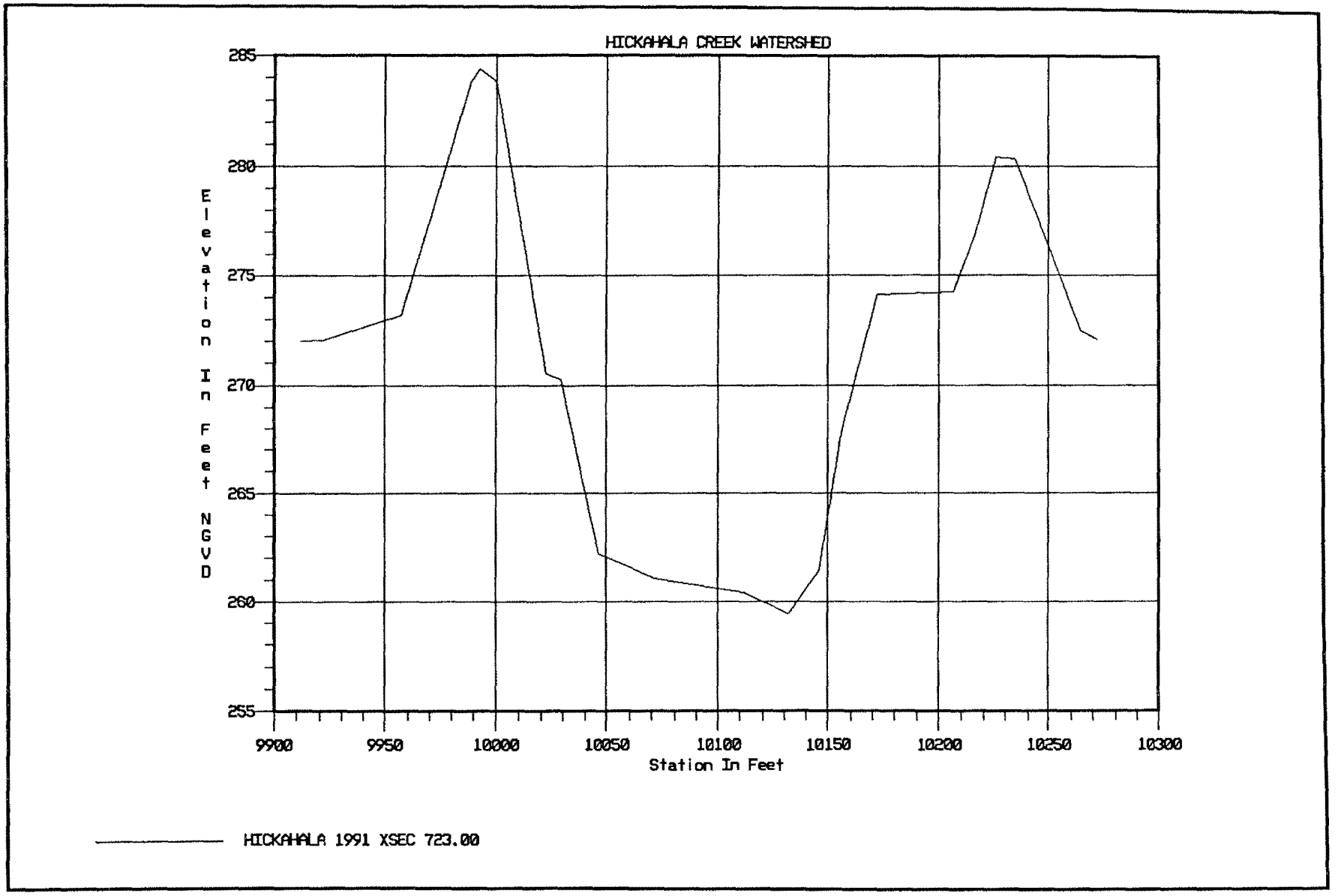

HICKAHALA CREEK WATERSHED
285
280
275
270
265
260
255
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
HICKAHALA 1985 XSEC 726.5
HICKAHALA 1991 XSEC 718.00

PLATE A161

PLATE A162


HICKAHALA CREEK WATERSHED
285
280
275
270
265
260
255
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
HICKAHALA 1991 XSEC 723.00

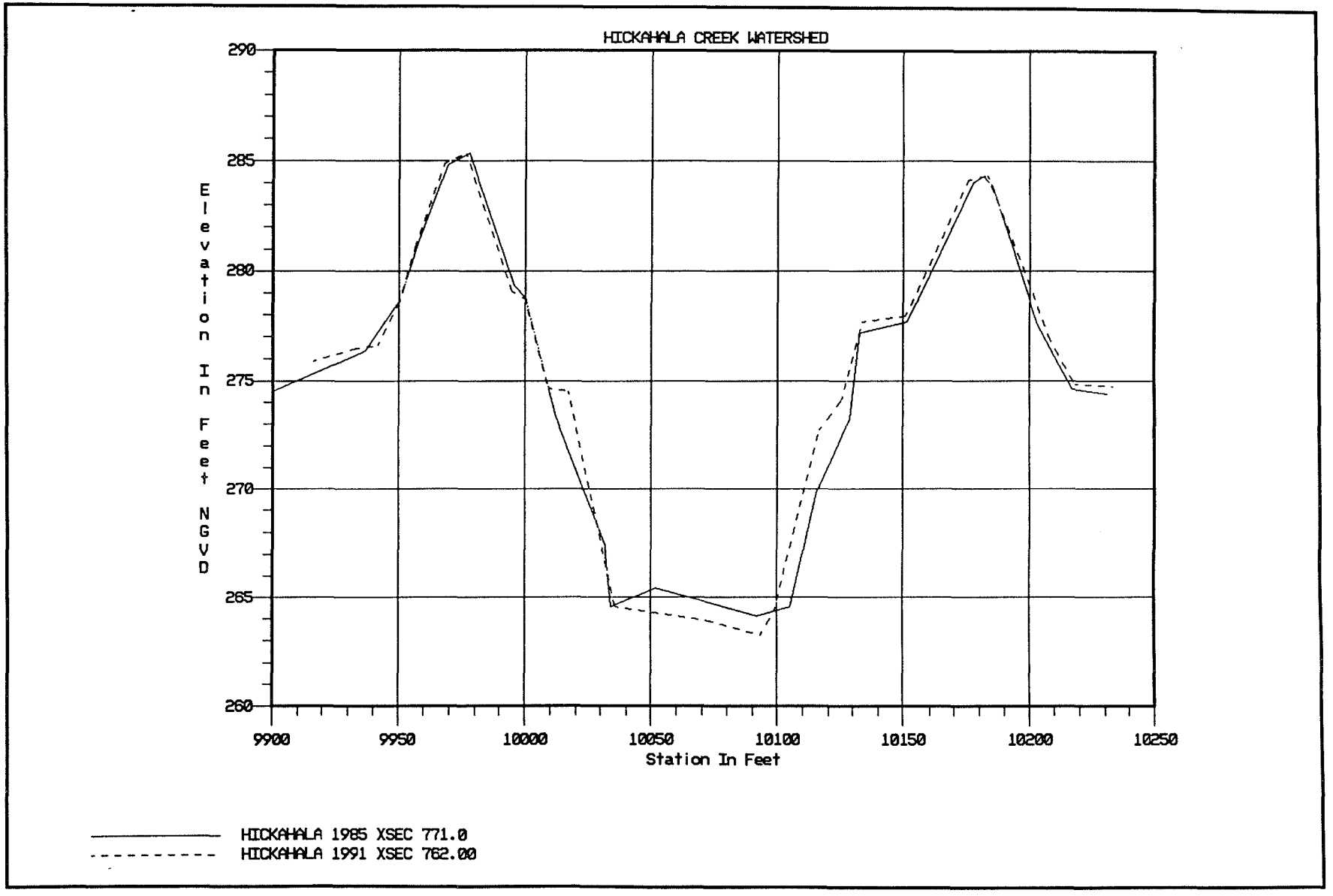
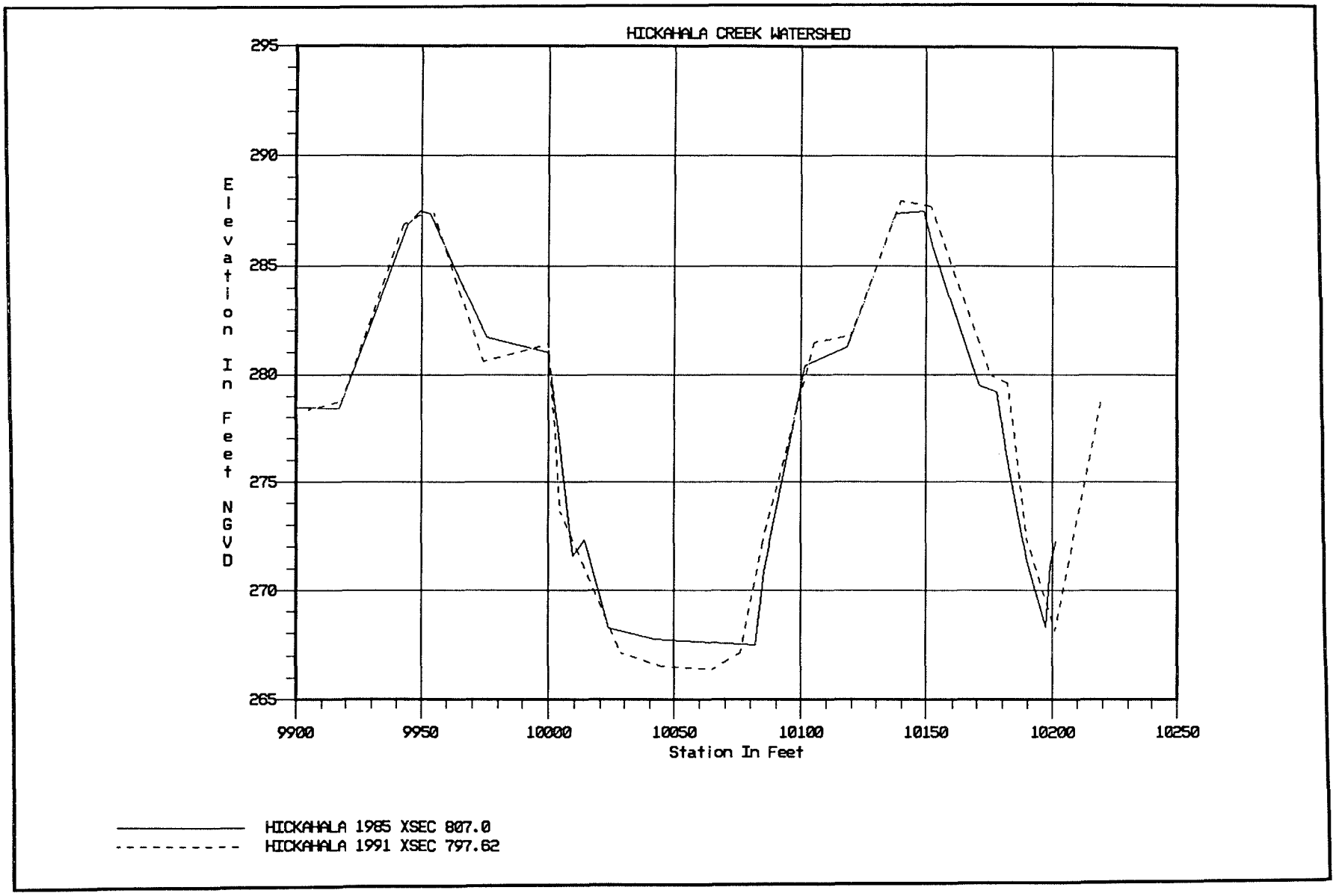

HICKAHALA CREEK WATERSHED
290
285
280
275
270
265
260
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 771.0
HICKAHALA 1991 XSEC 762.00

PLATE A163

PLATE A164


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

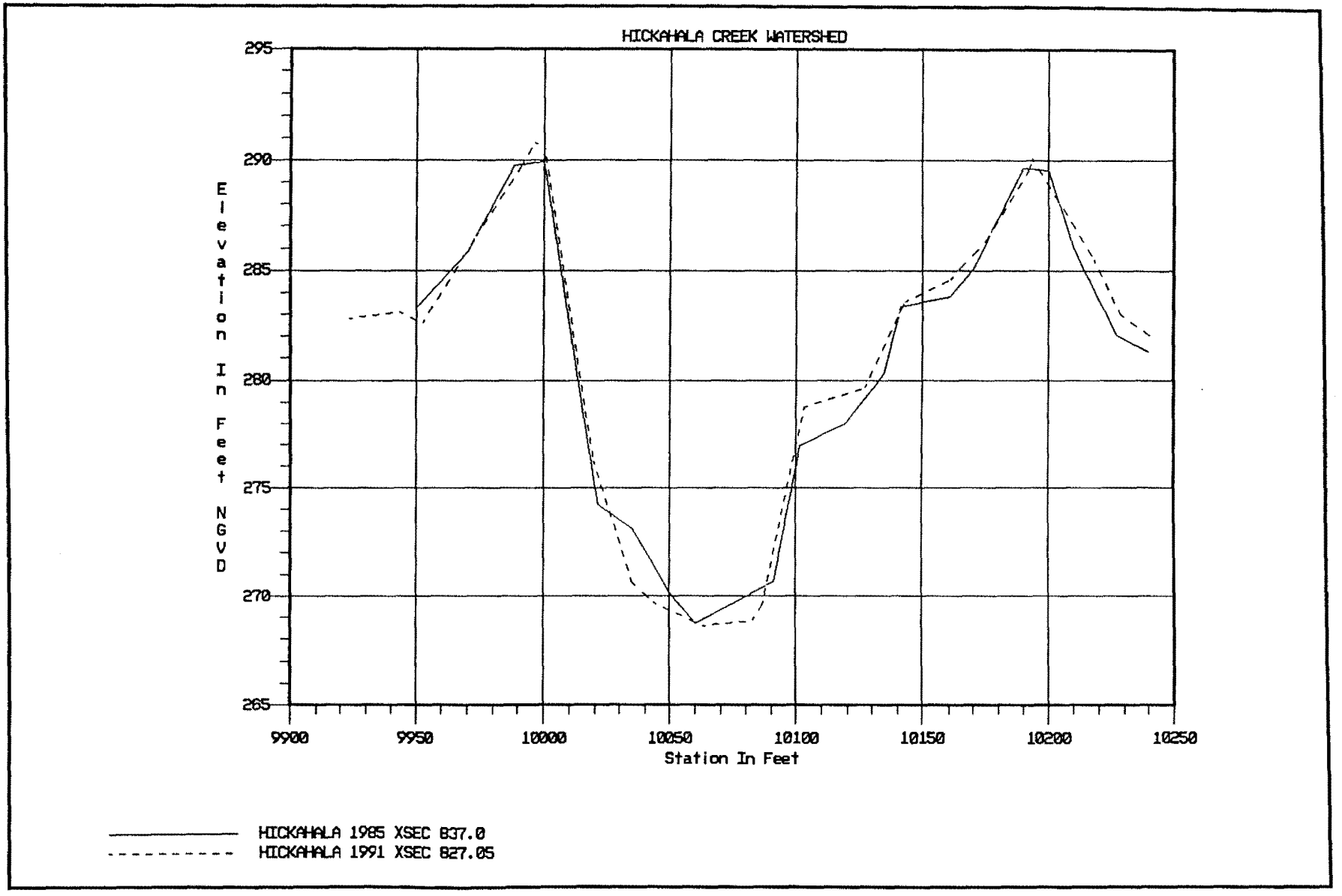
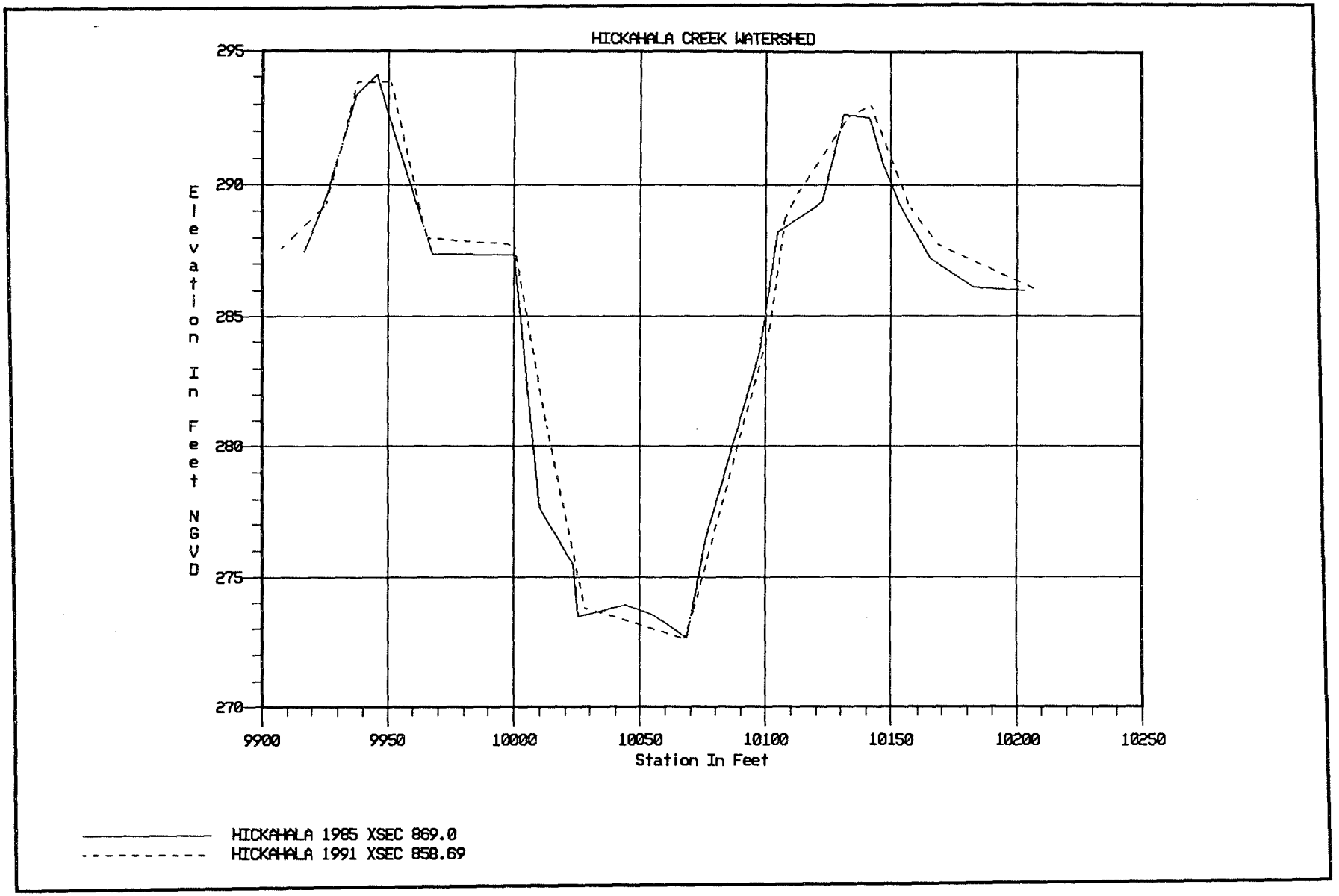

HICKAHALA CREEK WATERSHED
295
290
285
280
275
270
265
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 837.0
HICKAHALA 1991 XSEC 827.05

PLATE A165

PLATE A166


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

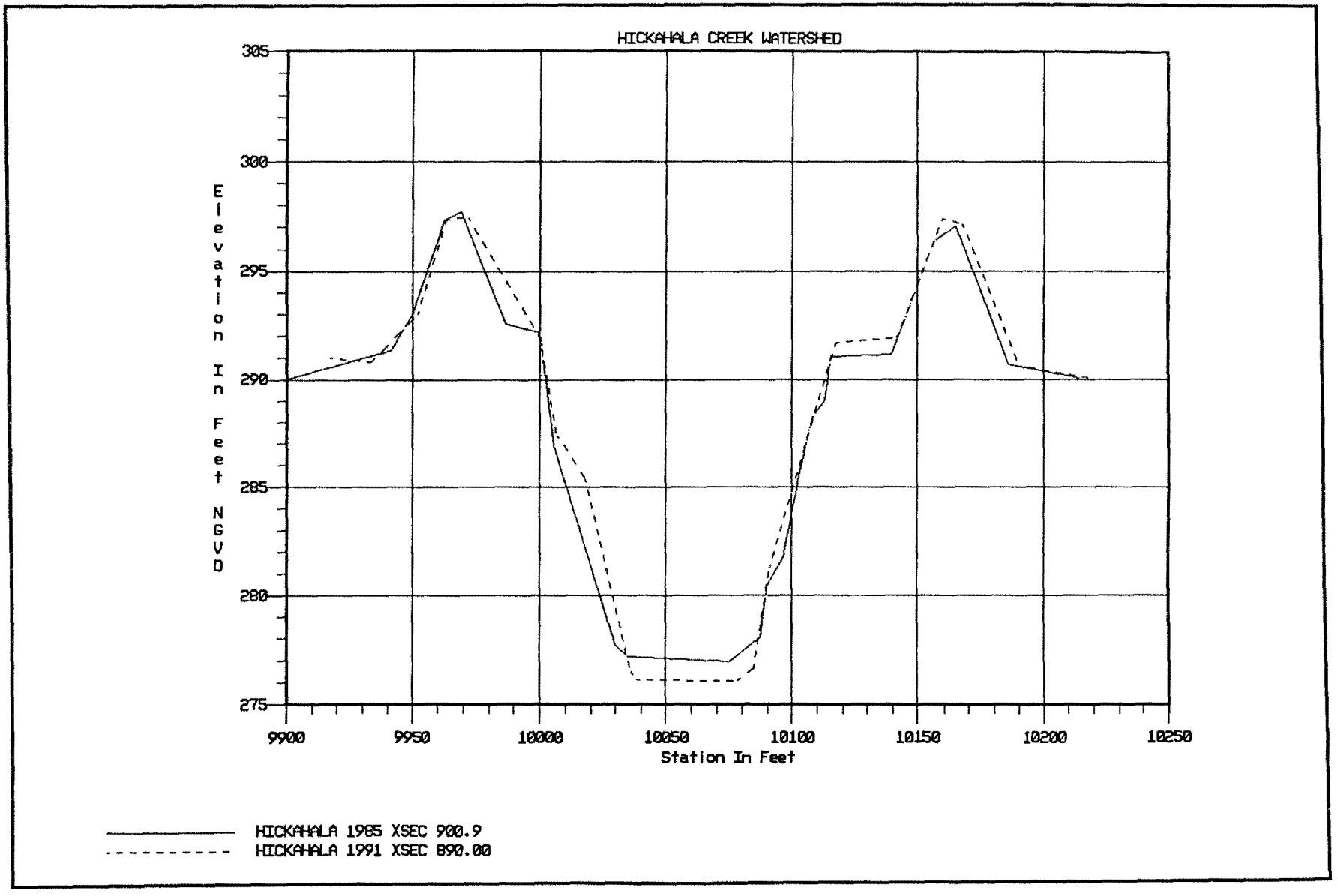
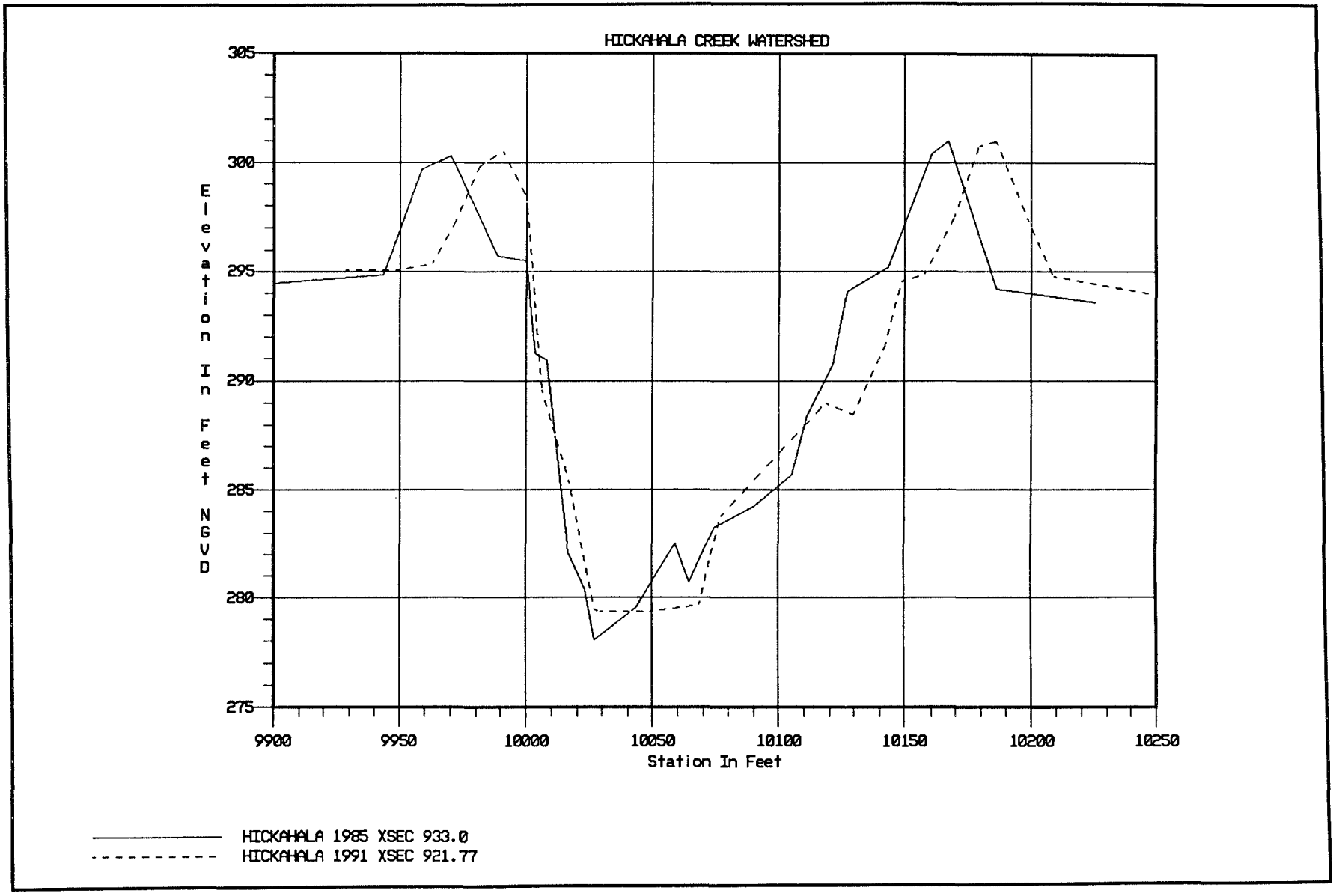

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
305
300
295
290
285
280
275
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 900.9
HICKAHALA 1991 XSEC 890.00

PLATE A167

PLATE A168


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

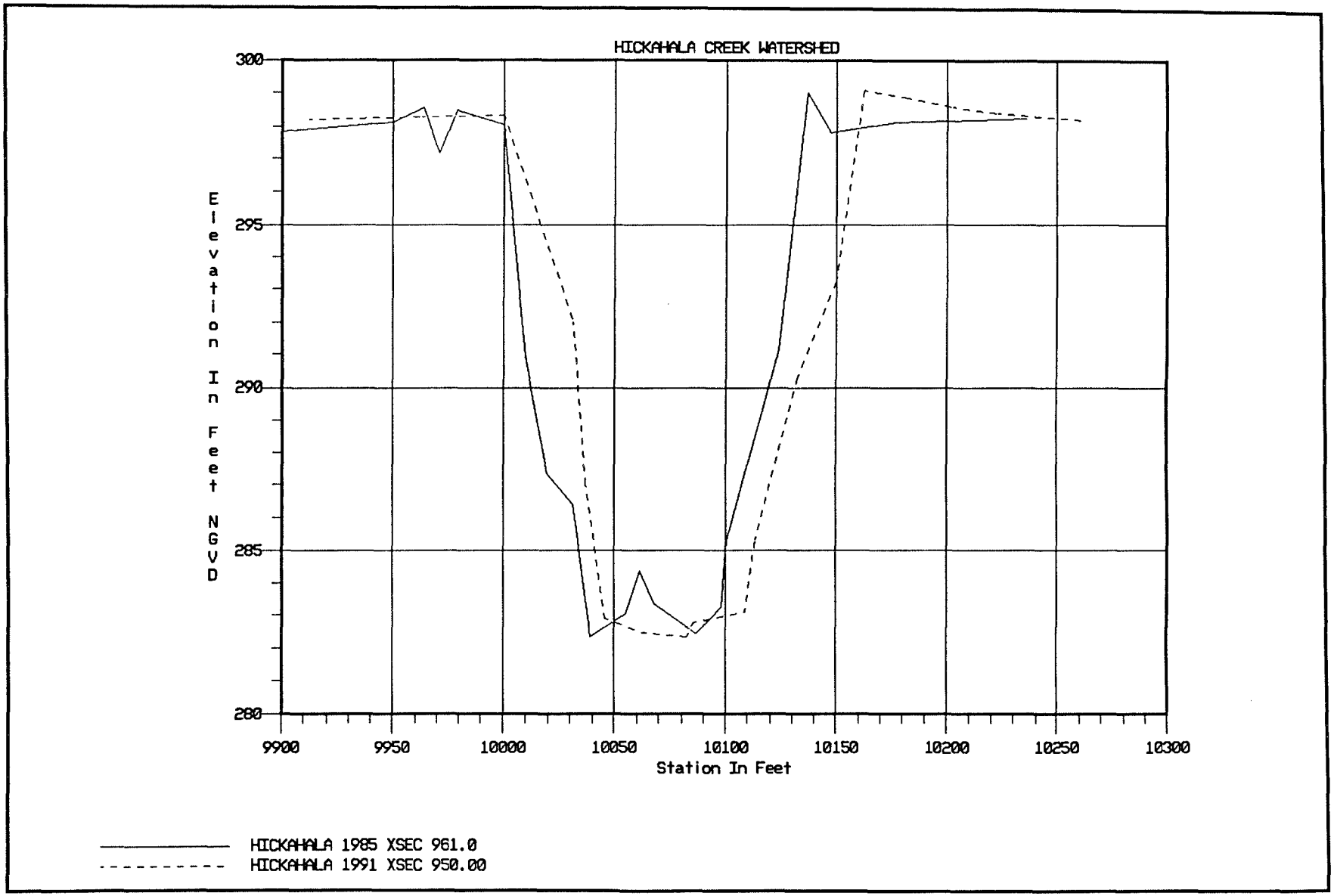
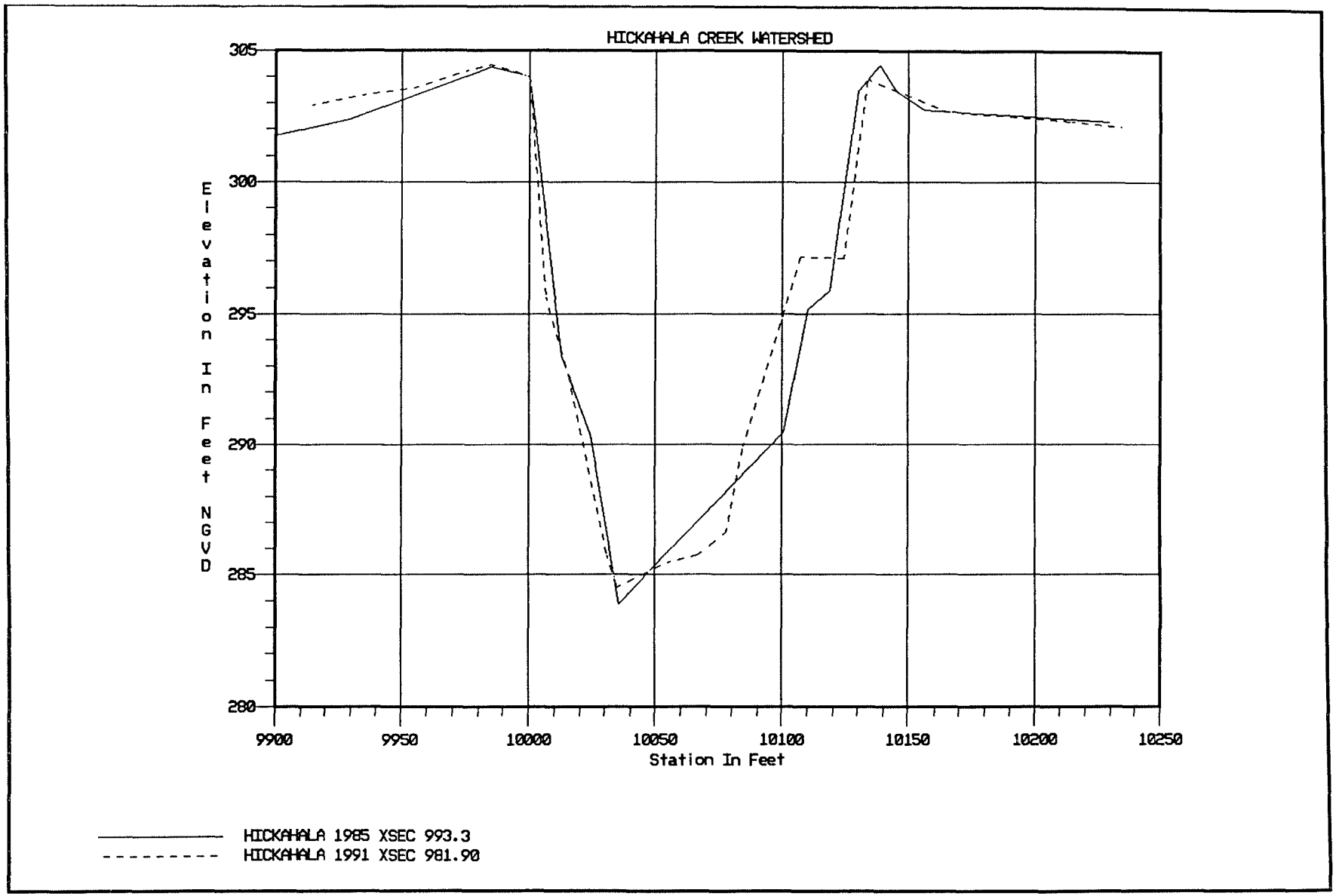

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
300
295
290
285
280
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
HICKAHALA 1985 XSEC 961.0
HICKAHALA 1991 XSEC 950.00

PLATE A169

PLATE A170


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

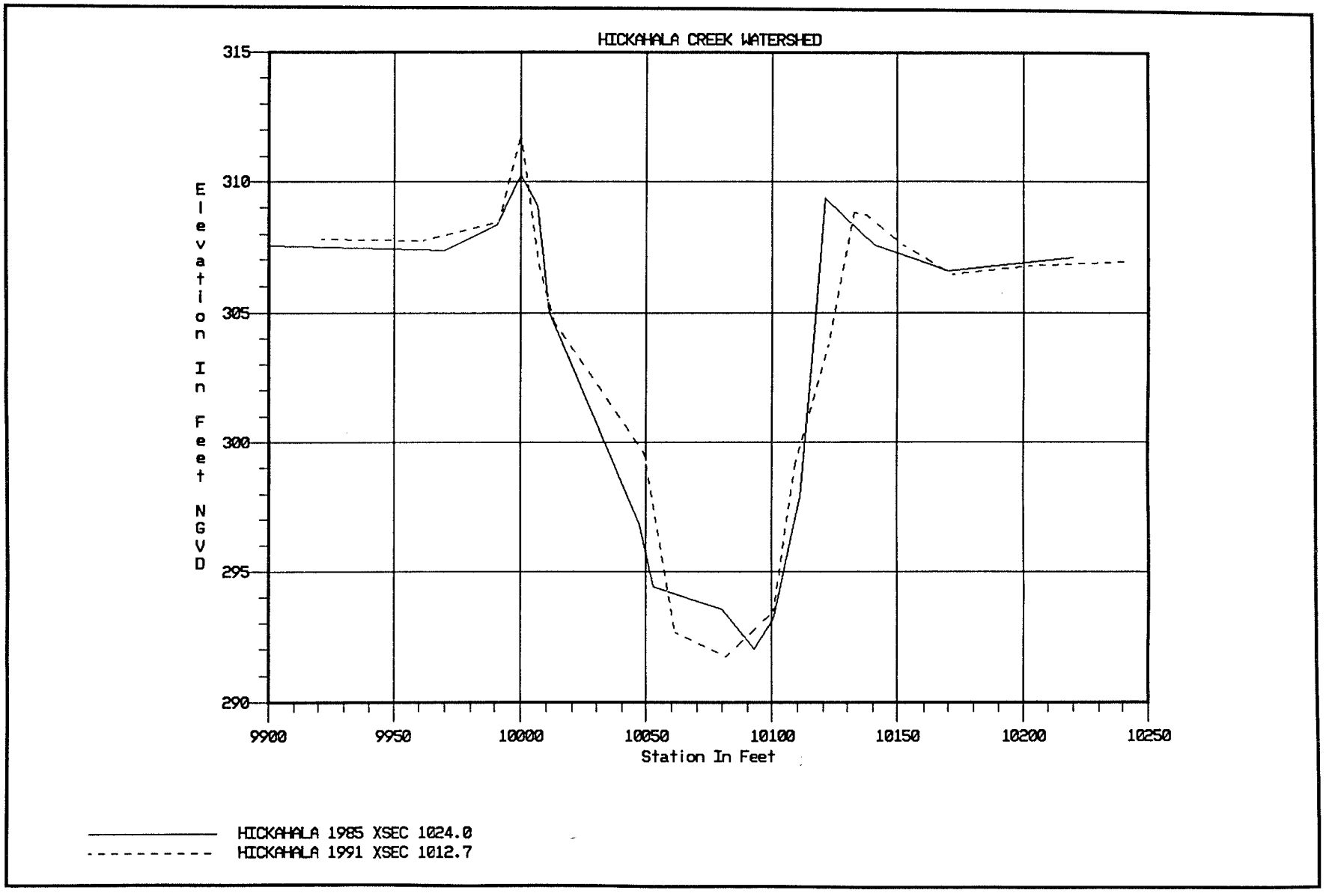
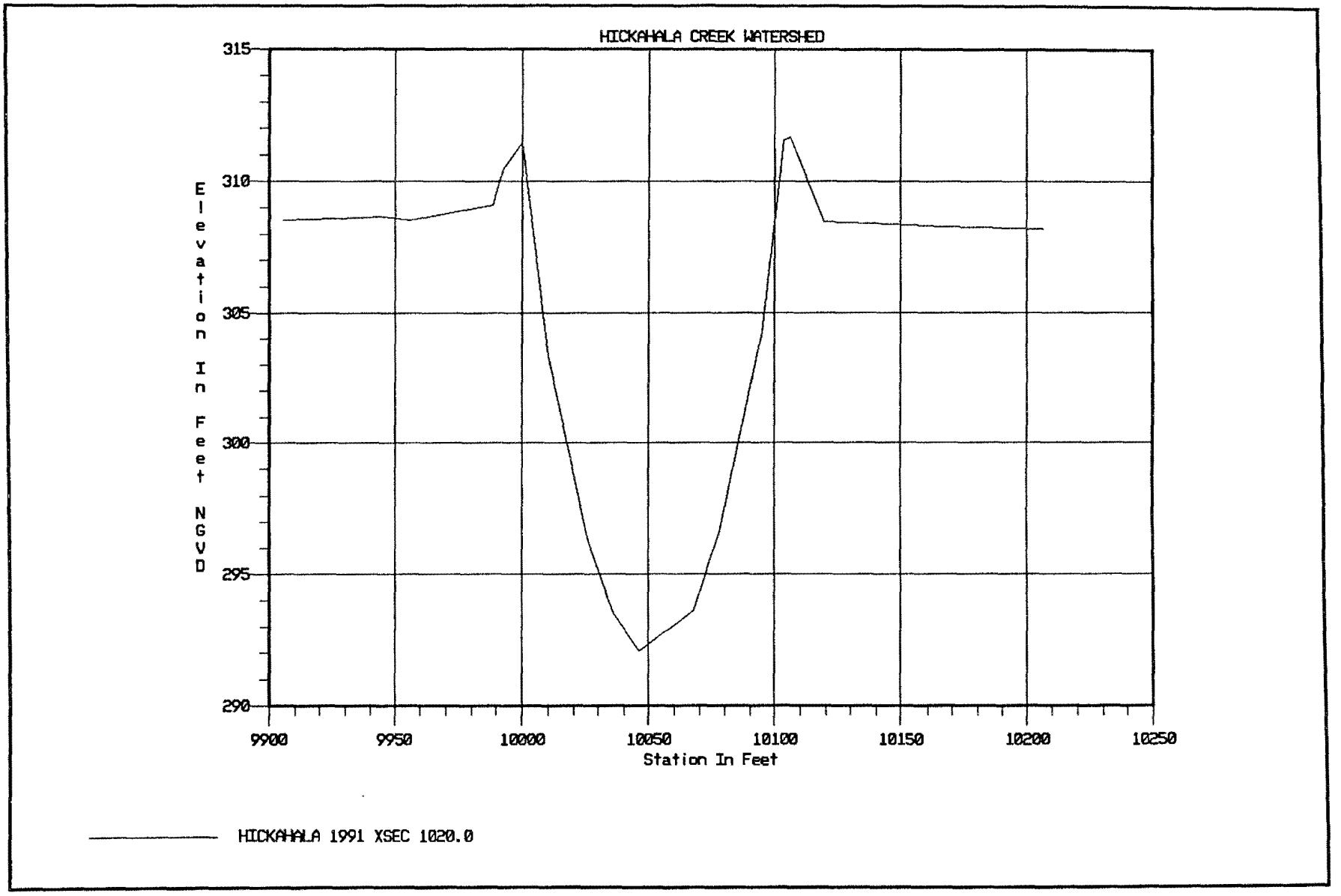

HICKAHALA CREEK WATERSHED
315
310
305
300
295
290
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 1024.0
HICKAHALA 1991 XSEC 1012.7

PLATE A171

PLATE A172


HICKAHALA CREEK WATERSHED
315
310
305
300
295
290
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1991 XSEC 1020.0

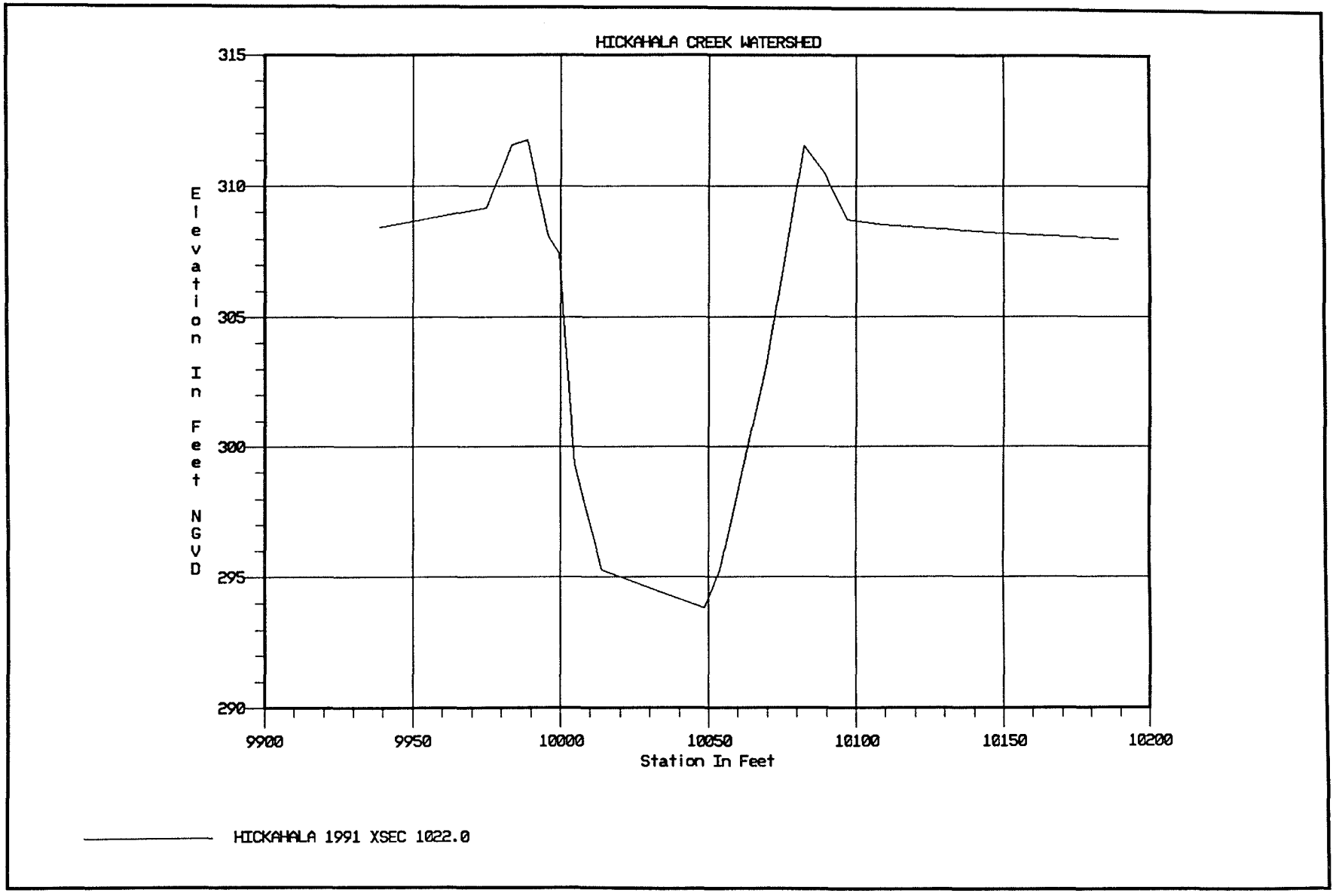
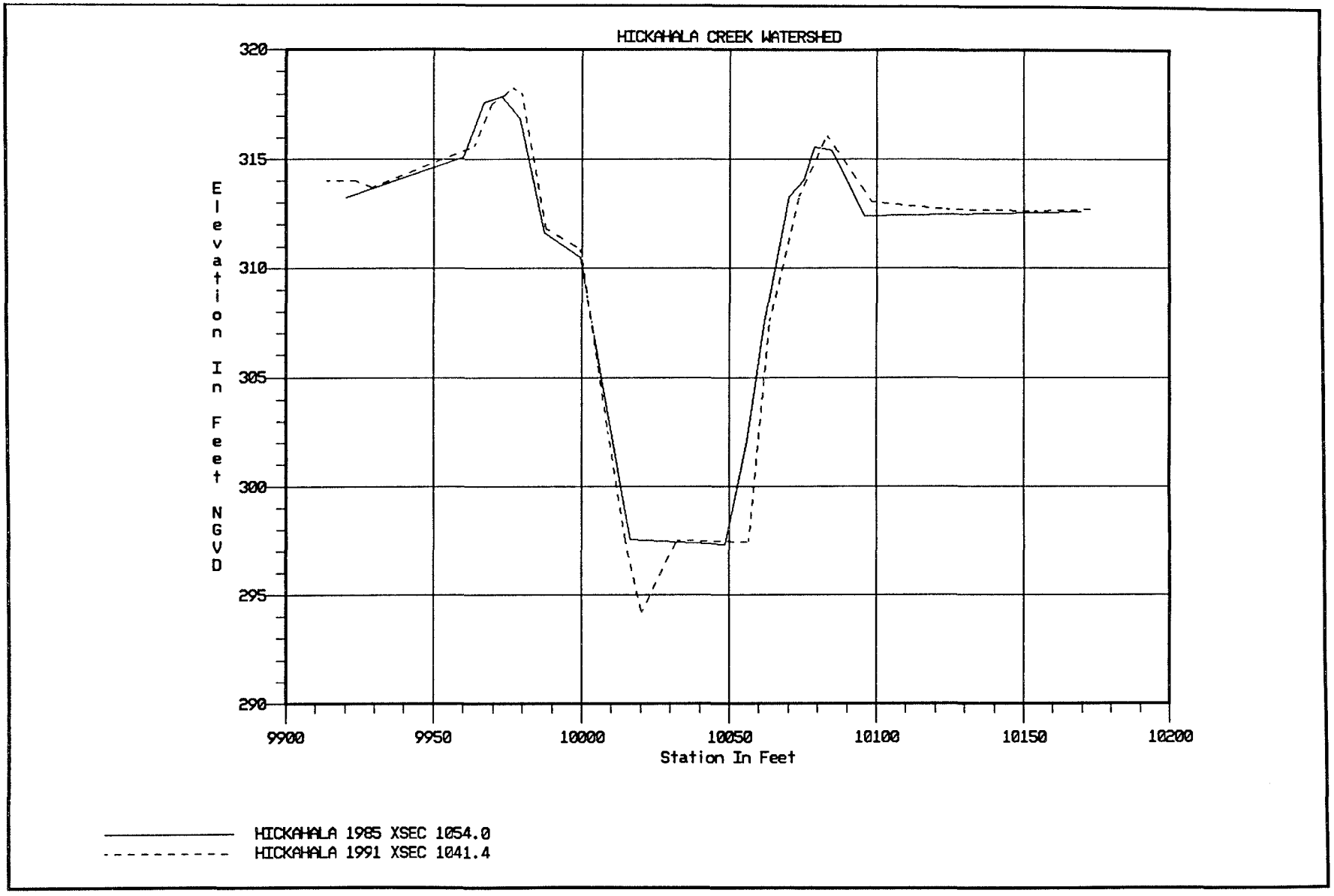

HICKAHALA CREEK WATERSHED
315
310
305
300
295
290
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
HICKAHALA 1991 XSEC 1022.0

PLATE A173

PLATE A174


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

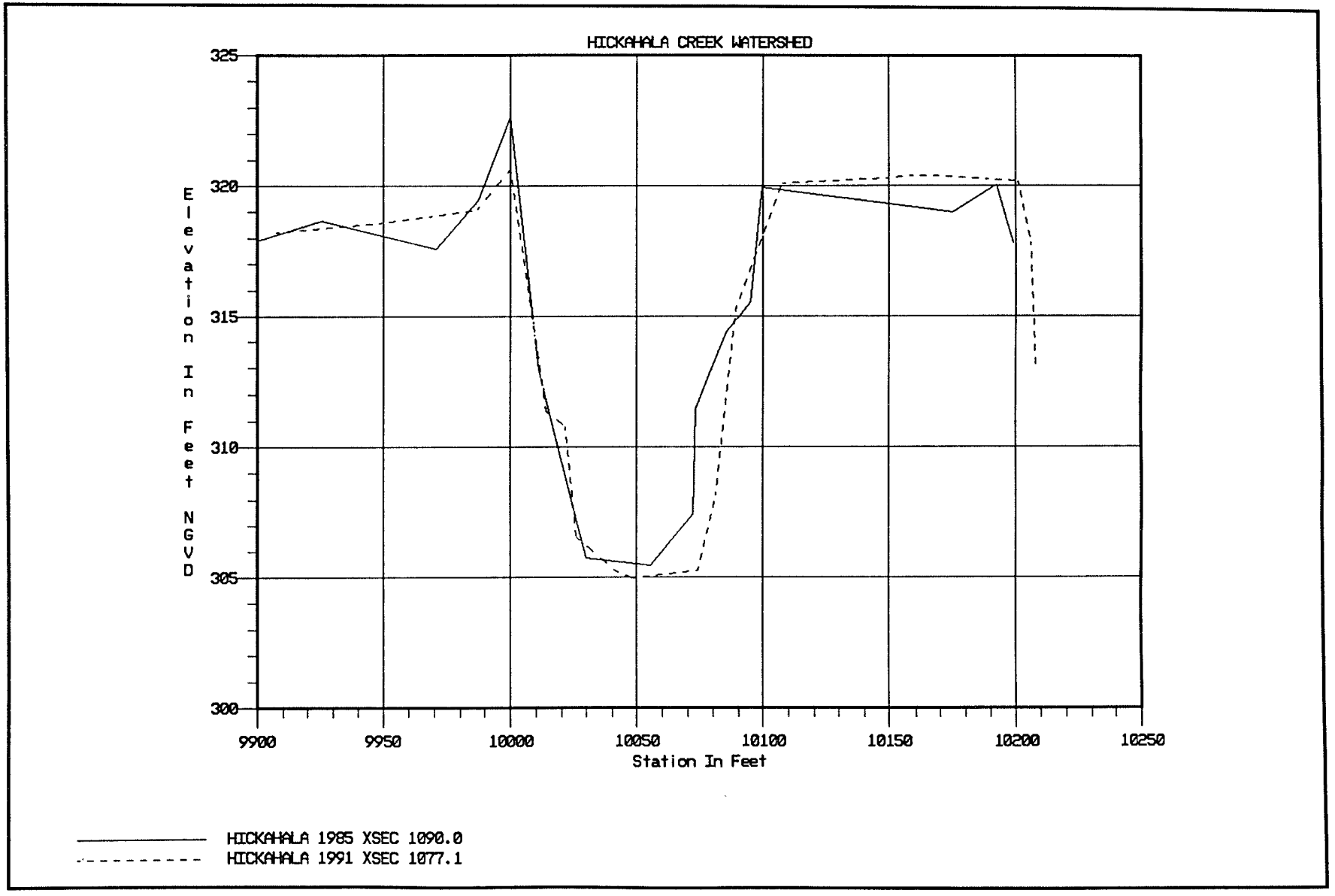
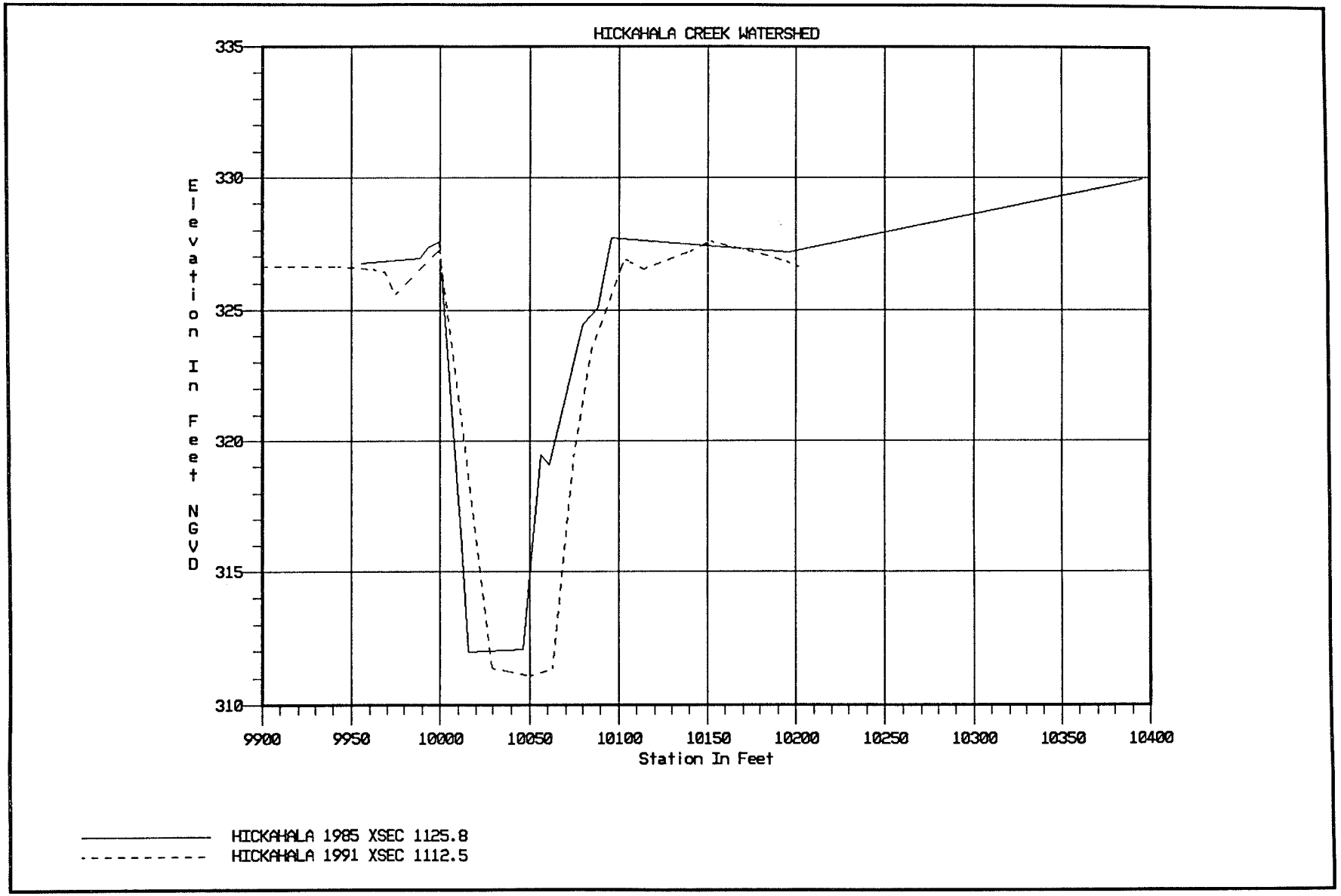

HICKAHALA CREEK WATERSHED
325
320
315
310
305
300
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
HICKAHALA 1985 XSEC 1090.0
HICKAHALA 1991 XSEC 1077.1

PLATE A175

PLATE A176


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

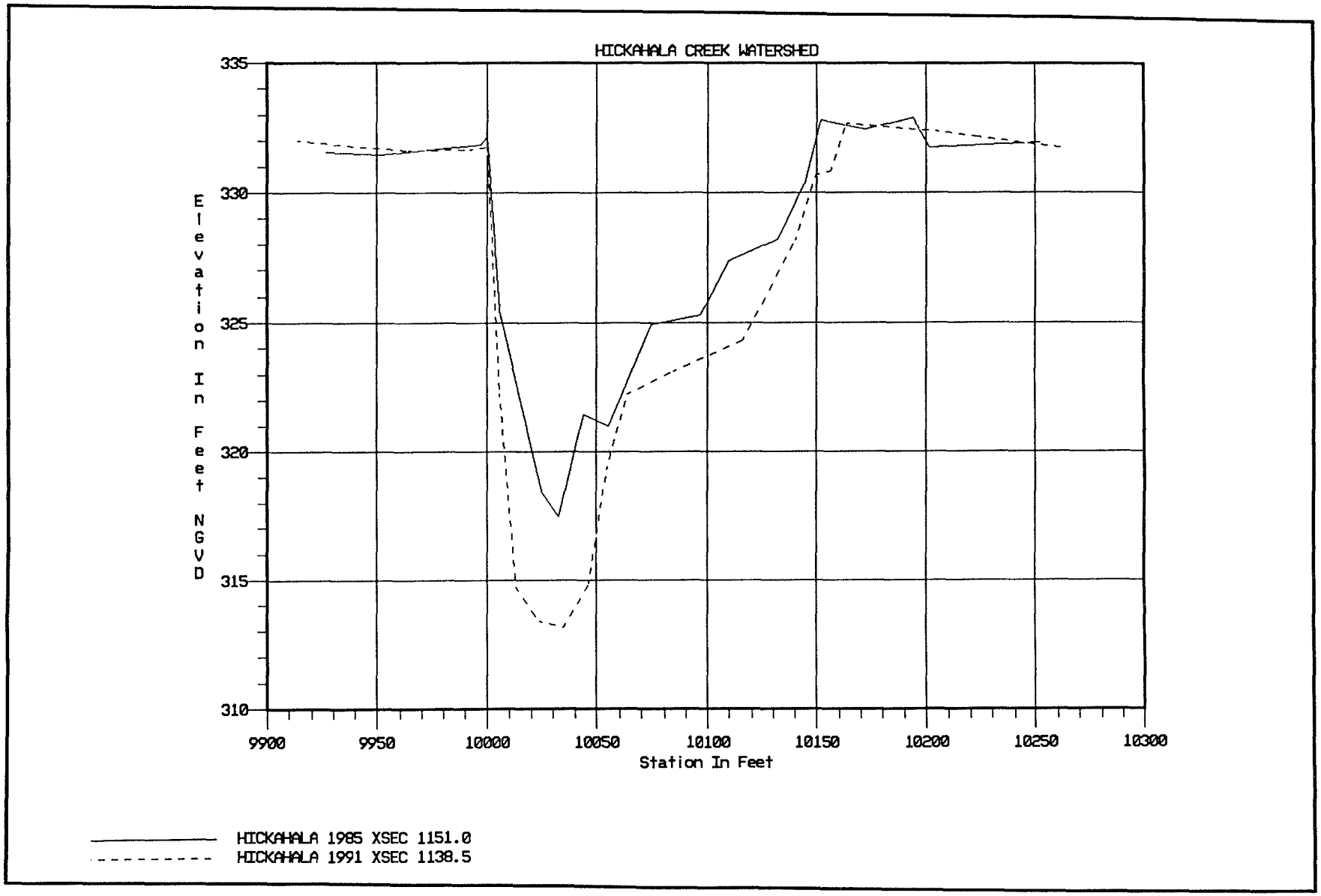
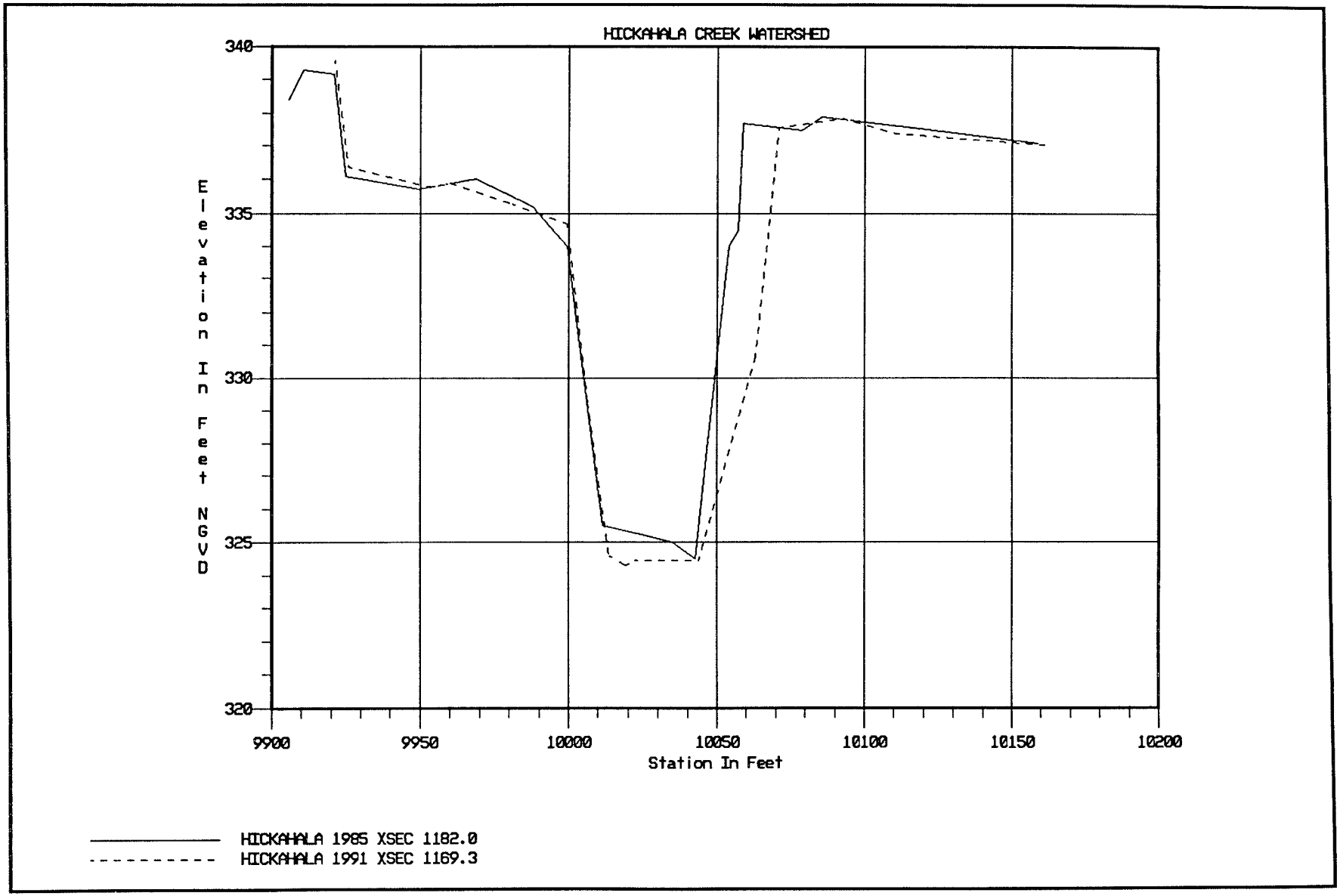

HICKAHALA CREEK WATERSHED
335
330
325
320
315
310
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station In Feet
HICKAHALA 1985 XSEC 1151.0
HICKAHALA 1991 XSEC 1138.5

PLATE A177

PLATE A178


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

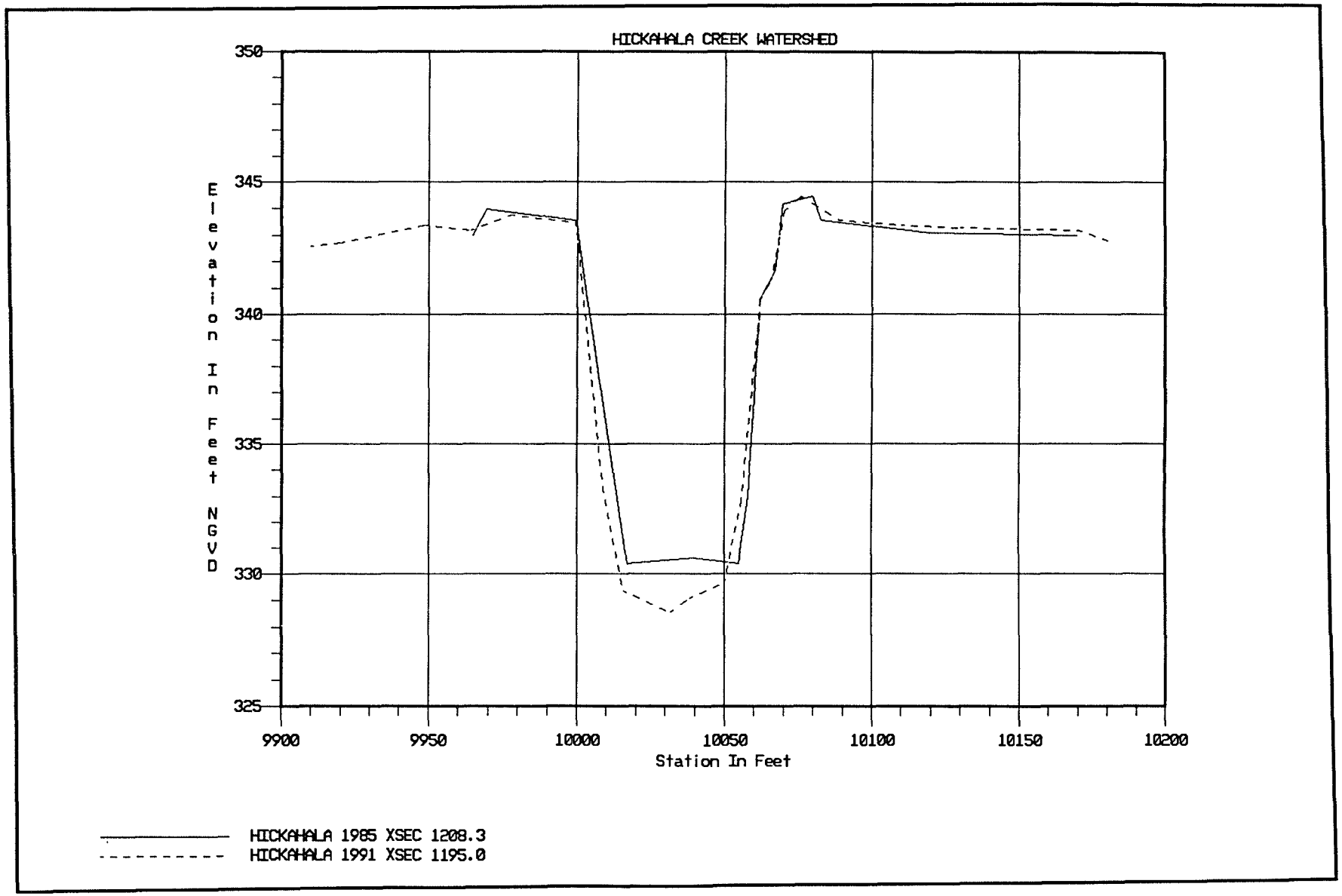
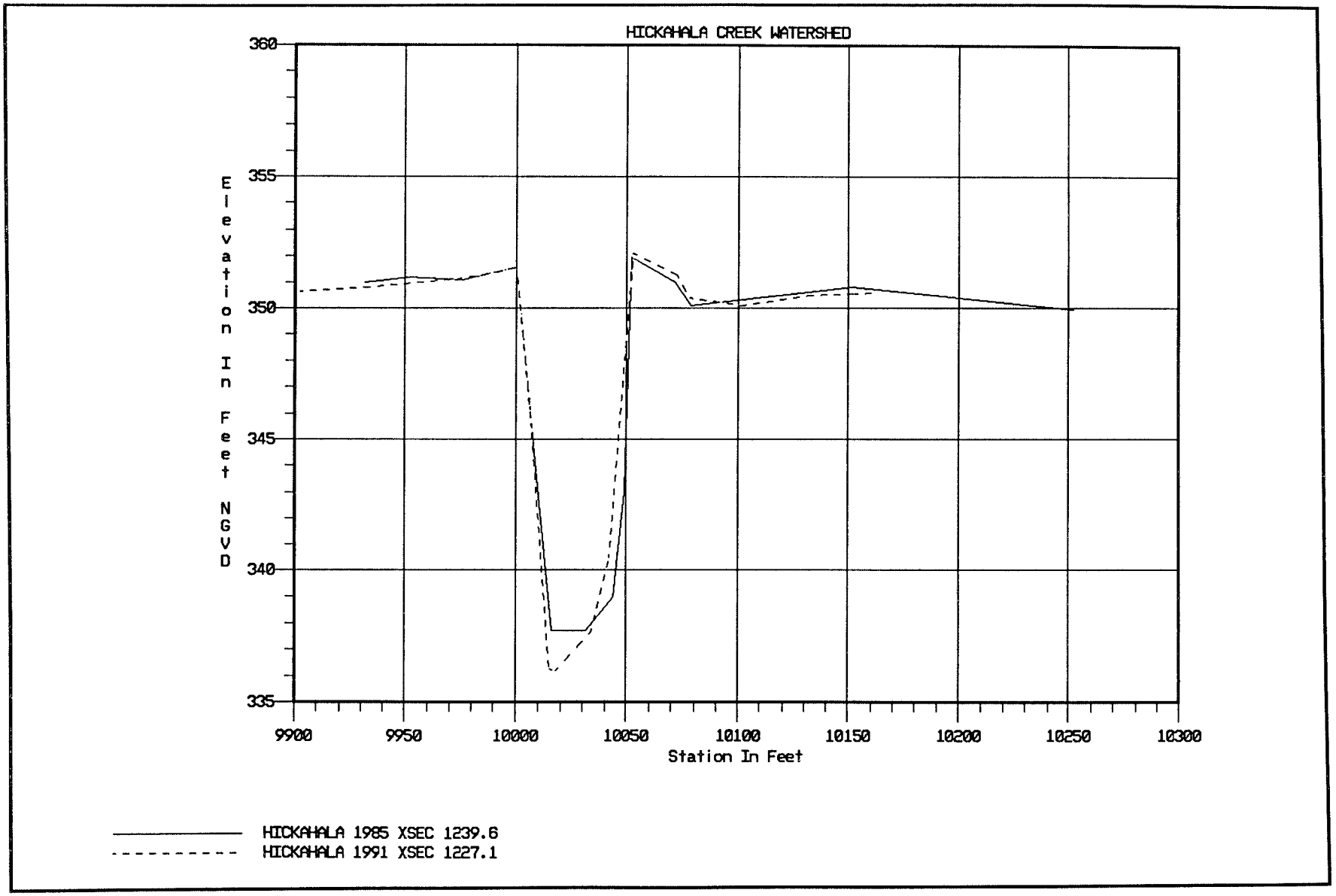

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
350
345
340
335
330
325
9900
9950
10000
10050
10100
10150
10200
Station In Feet
HICKAHALA 1985 XSEC 1208.3
HICKAHALA 1991 XSEC 1195.0

PLATE A179

PLATE A180


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

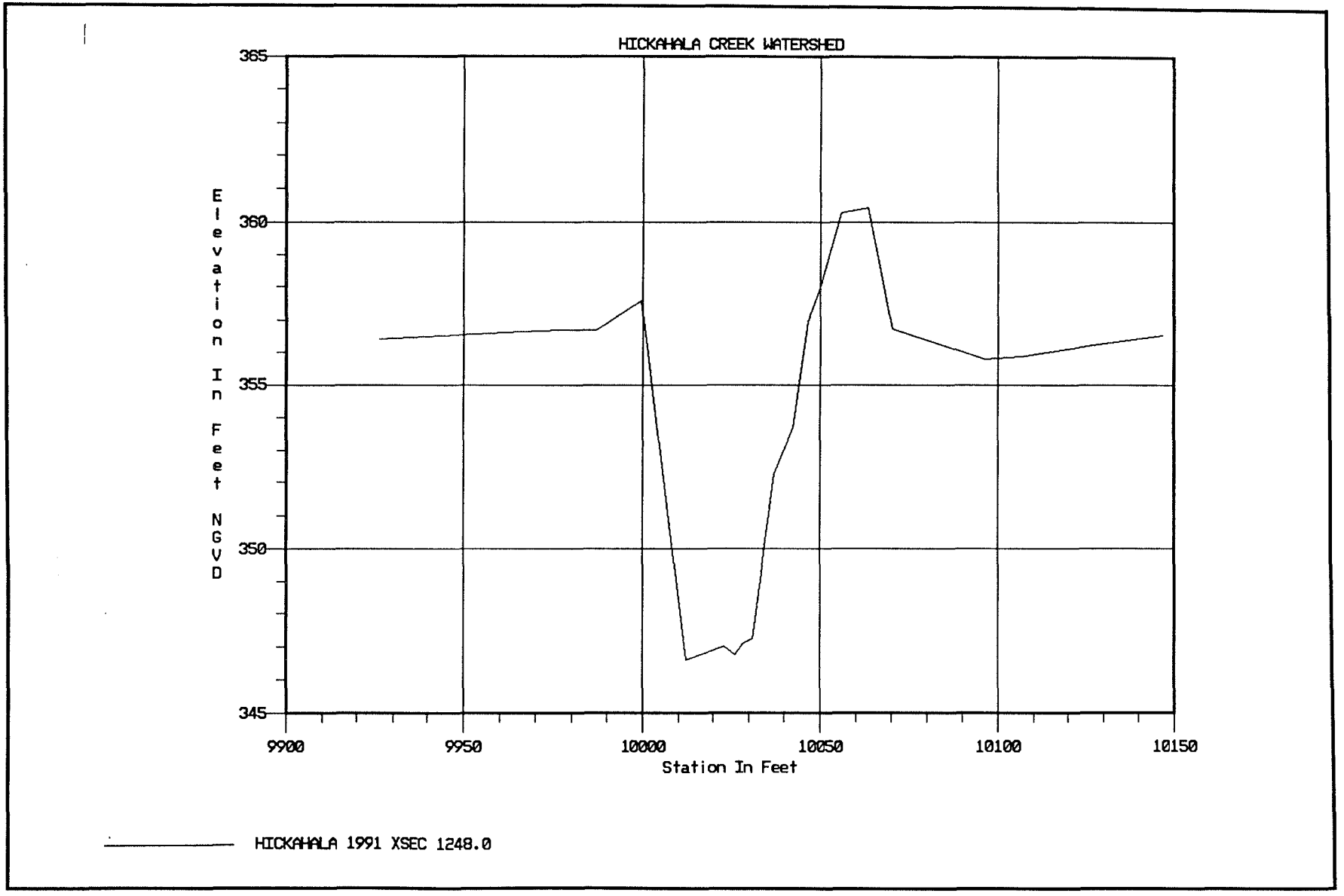
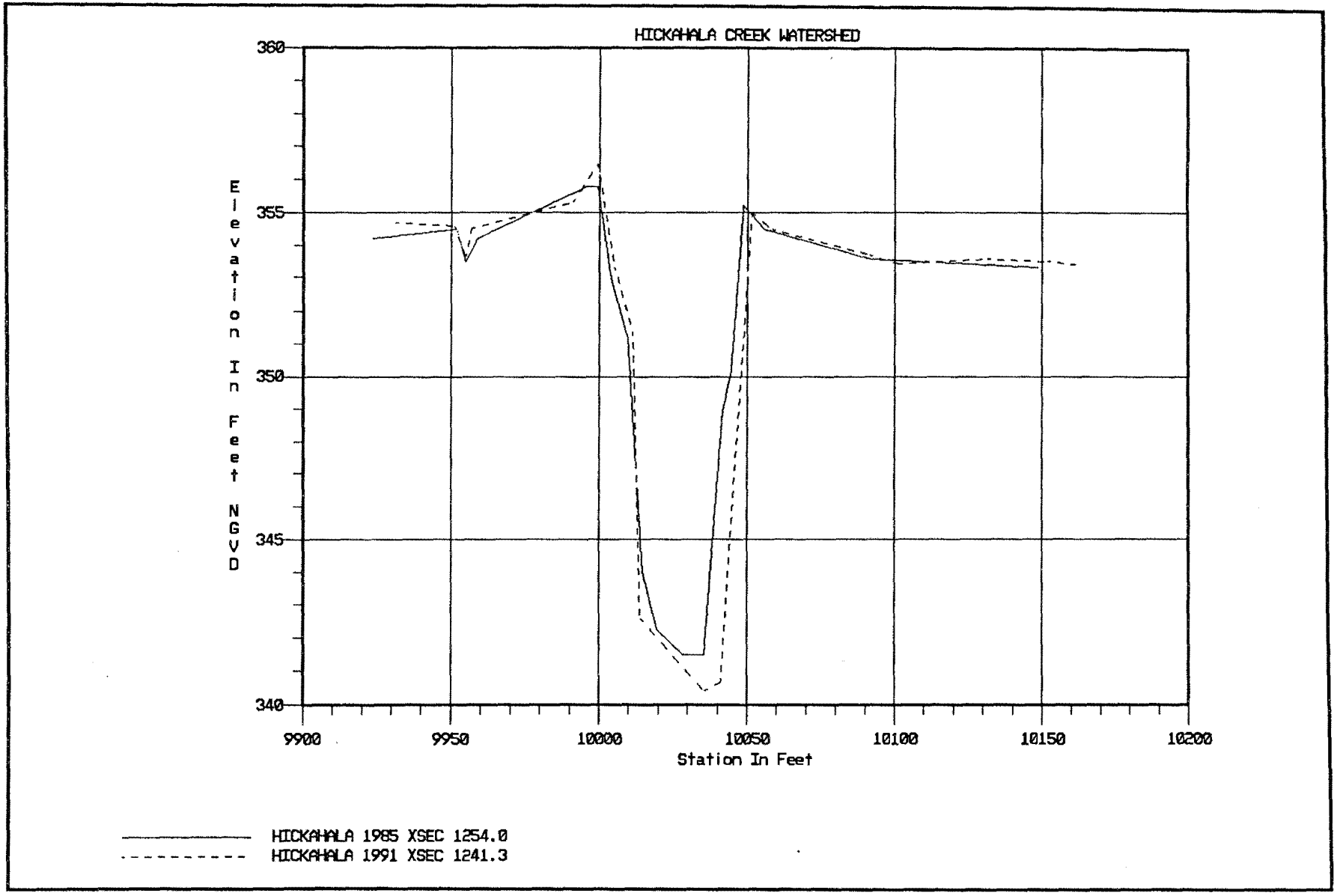

HICKAHALA CREEK WATERSHED
365
360
355
350
345
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
Station In Feet
HICKAHALA 1991 XSEC 1248.0

PLATE A181

PLATE A182


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

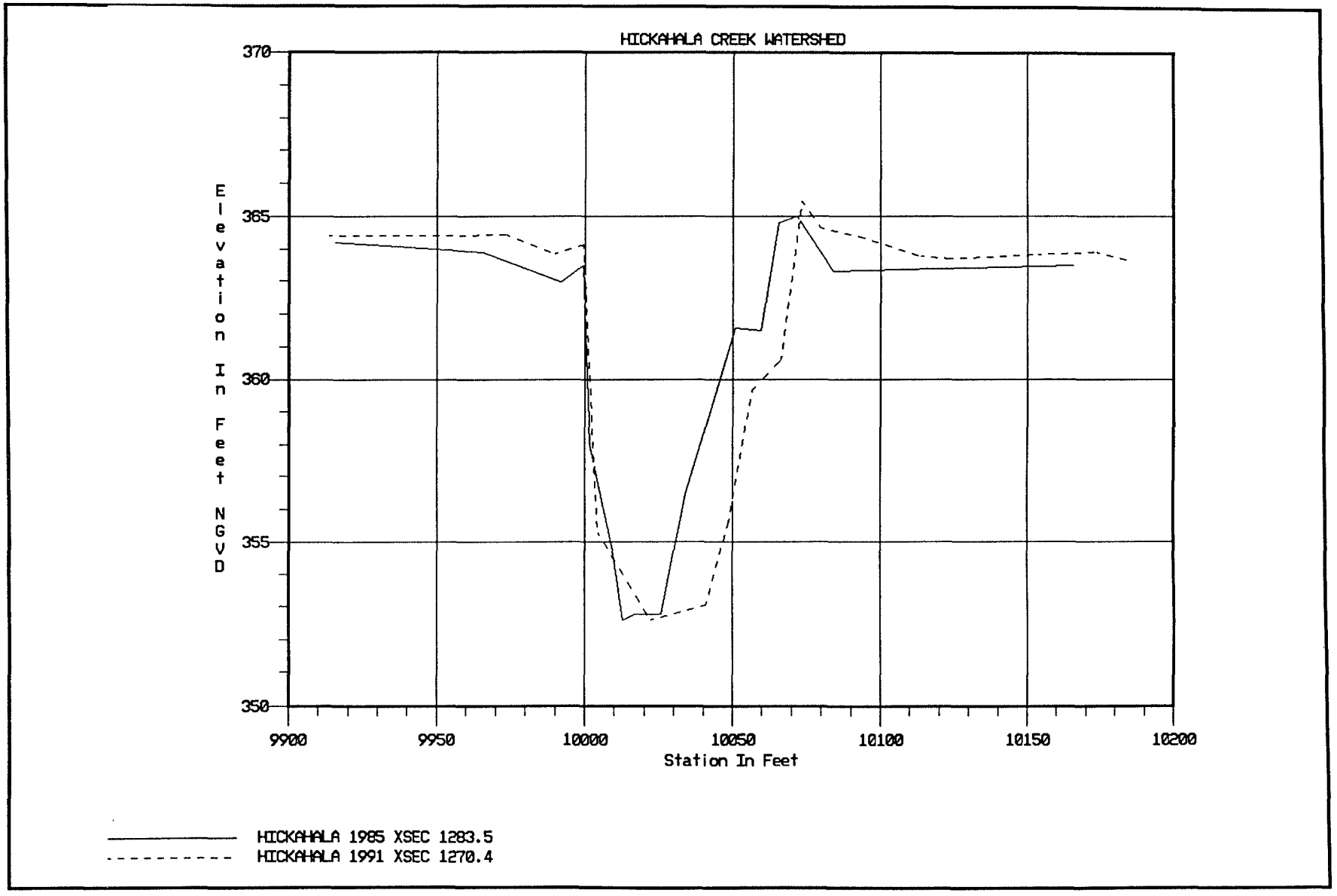
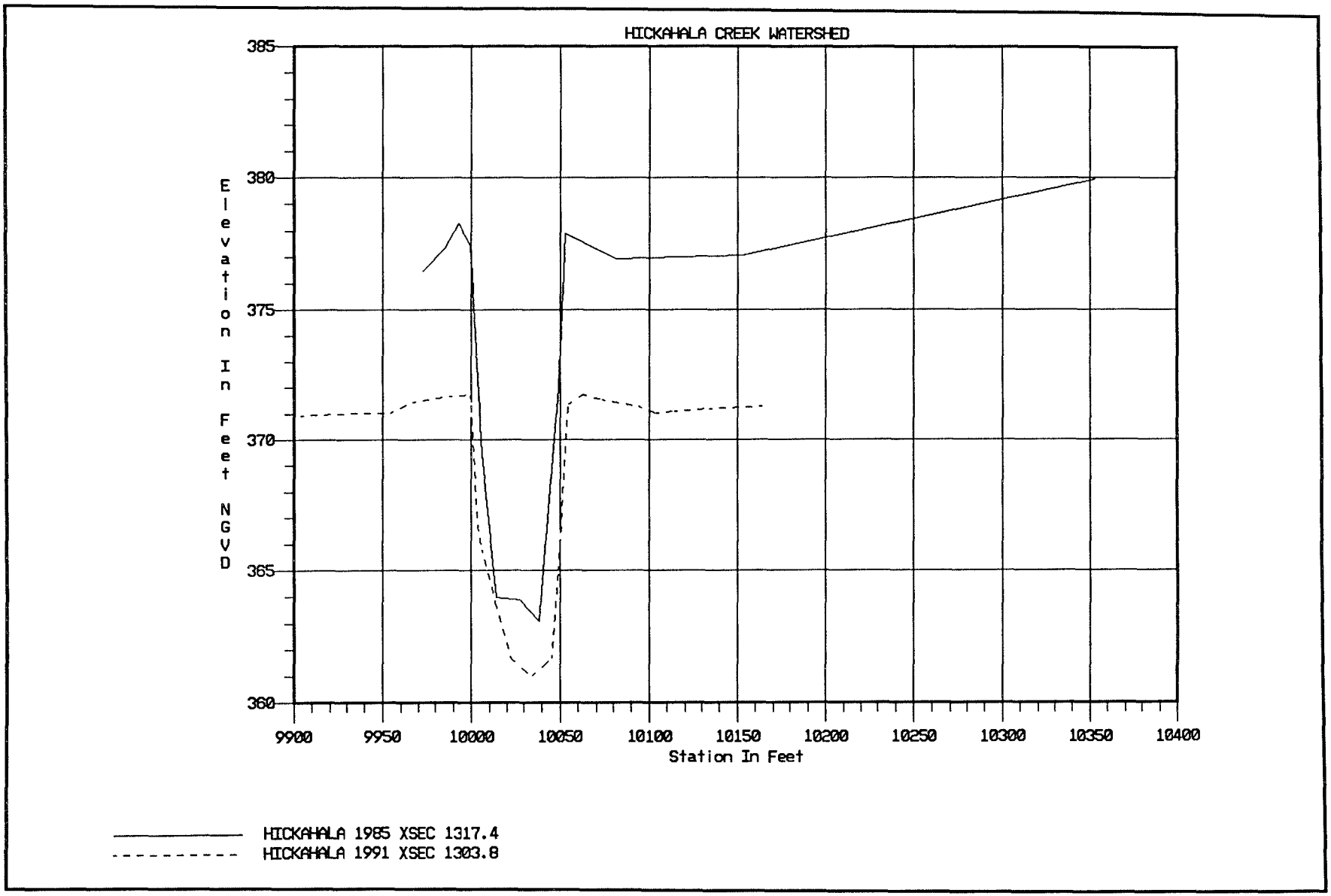

HICKAHALA CREEK WATERSHED
370
365
360
355
350
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
HICKAHALA 1985 XSEC 1283.5
HICKAHALA 1991 XSEC 1270.4

PLATE A183

PLATE A184


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

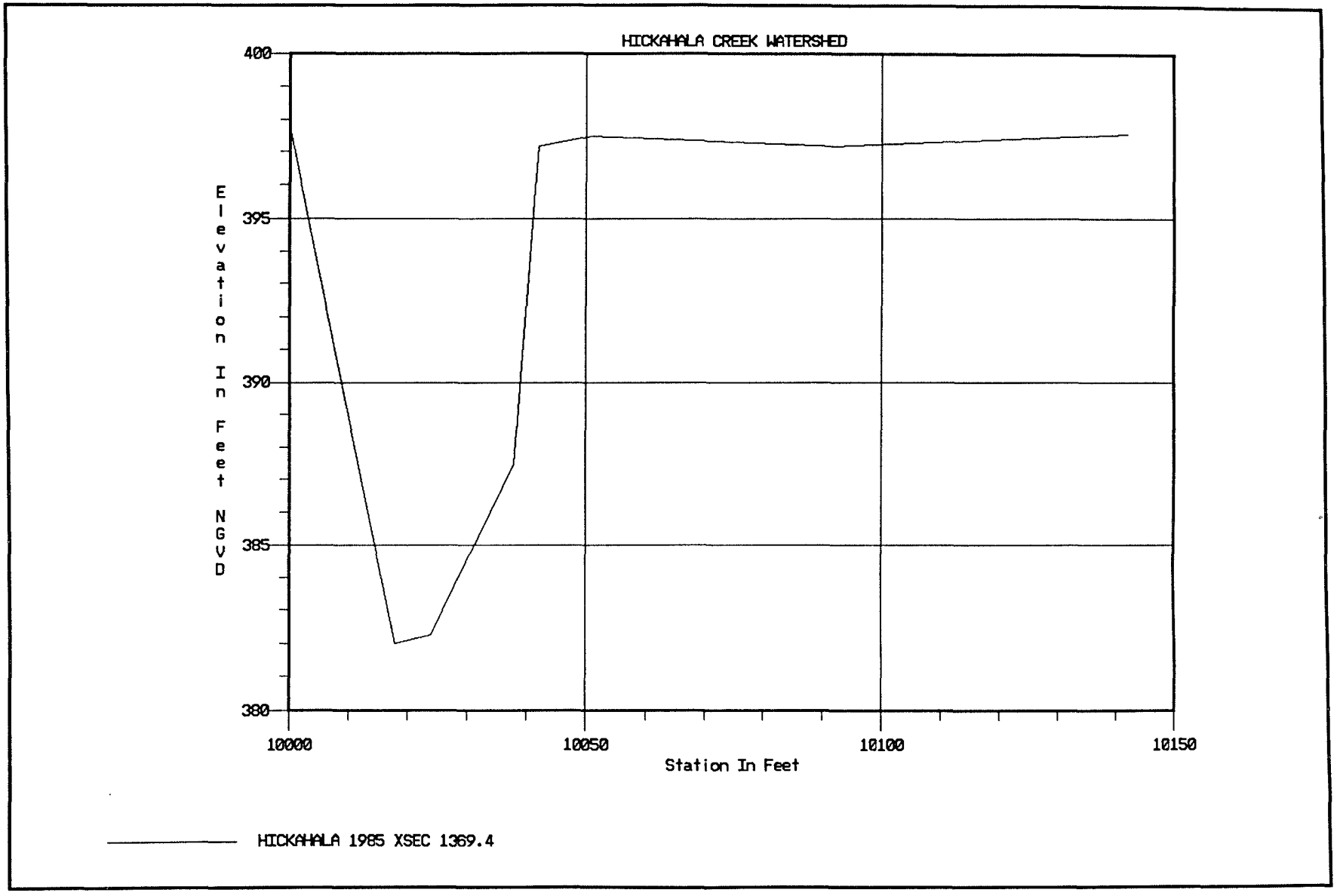
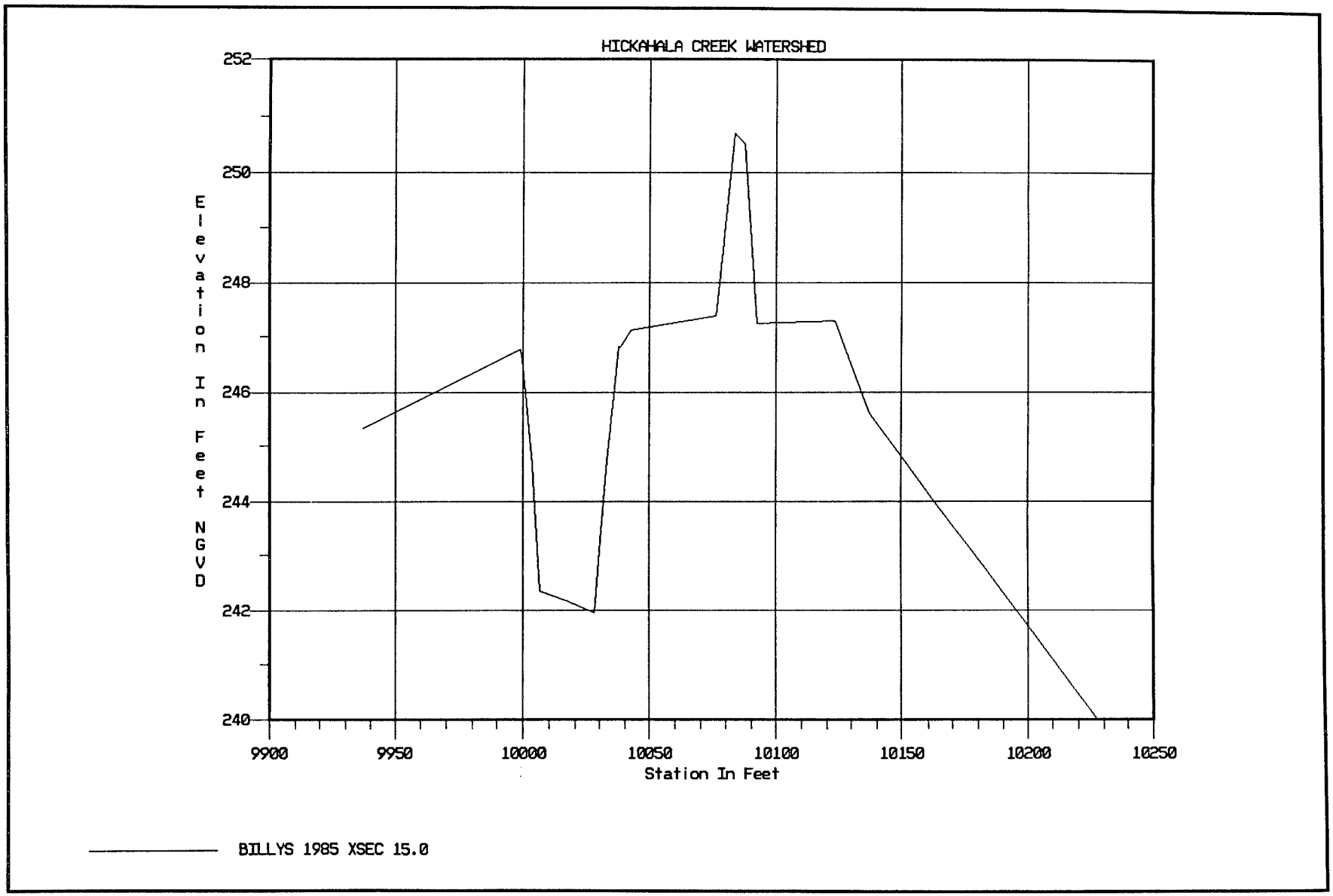

HICKAHALA CREEK WATERSHED
400
395
390
385
380
Elevation In Feet NGVD
10000
10050
10100
10150
Station In Feet
HICKAHALA 1985 XSEC 1369.4

PLATE A185

PLATE A186


HICKAHALA CREEK WATERSHED
252
250
248
246
244
242
240
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
10250
Station In Feet
BILLYS 1985 XSEC 15.0

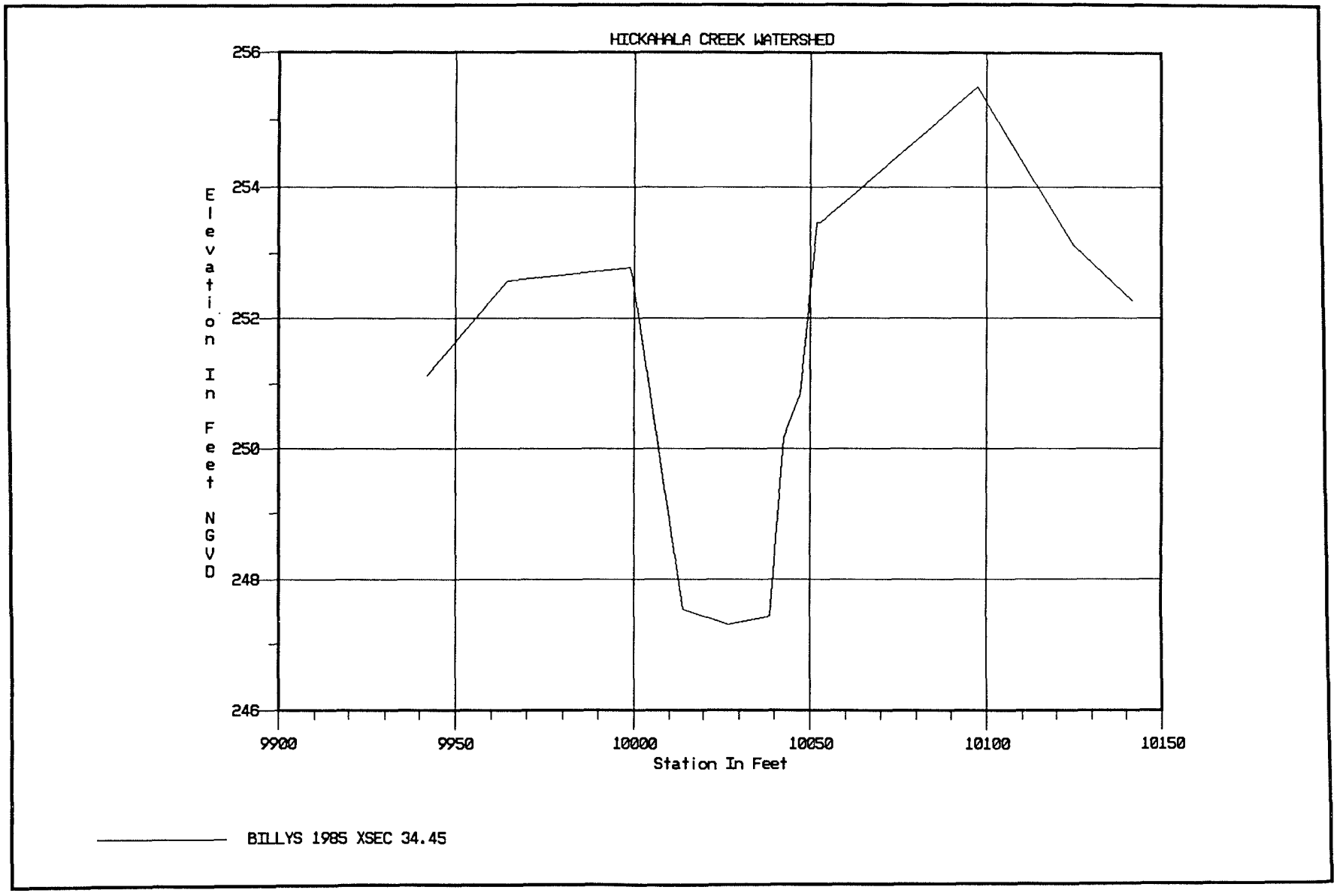
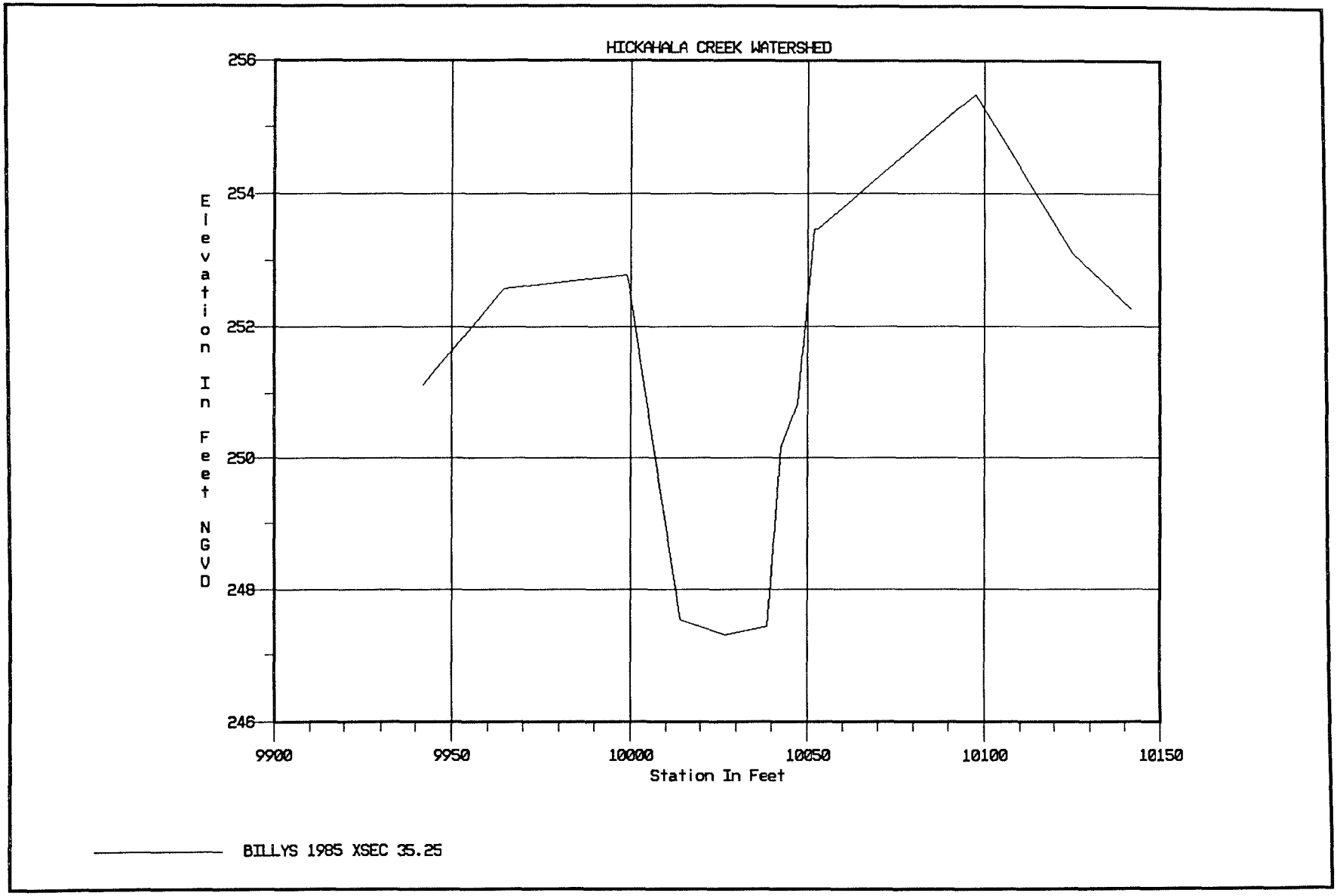

HICKAHALA CREEK WATERSHED
256
254
252
250
248
246
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
Station In Feet
BILLYS 1985 XSEC 34.45

PLATE A187

PLATE A188


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

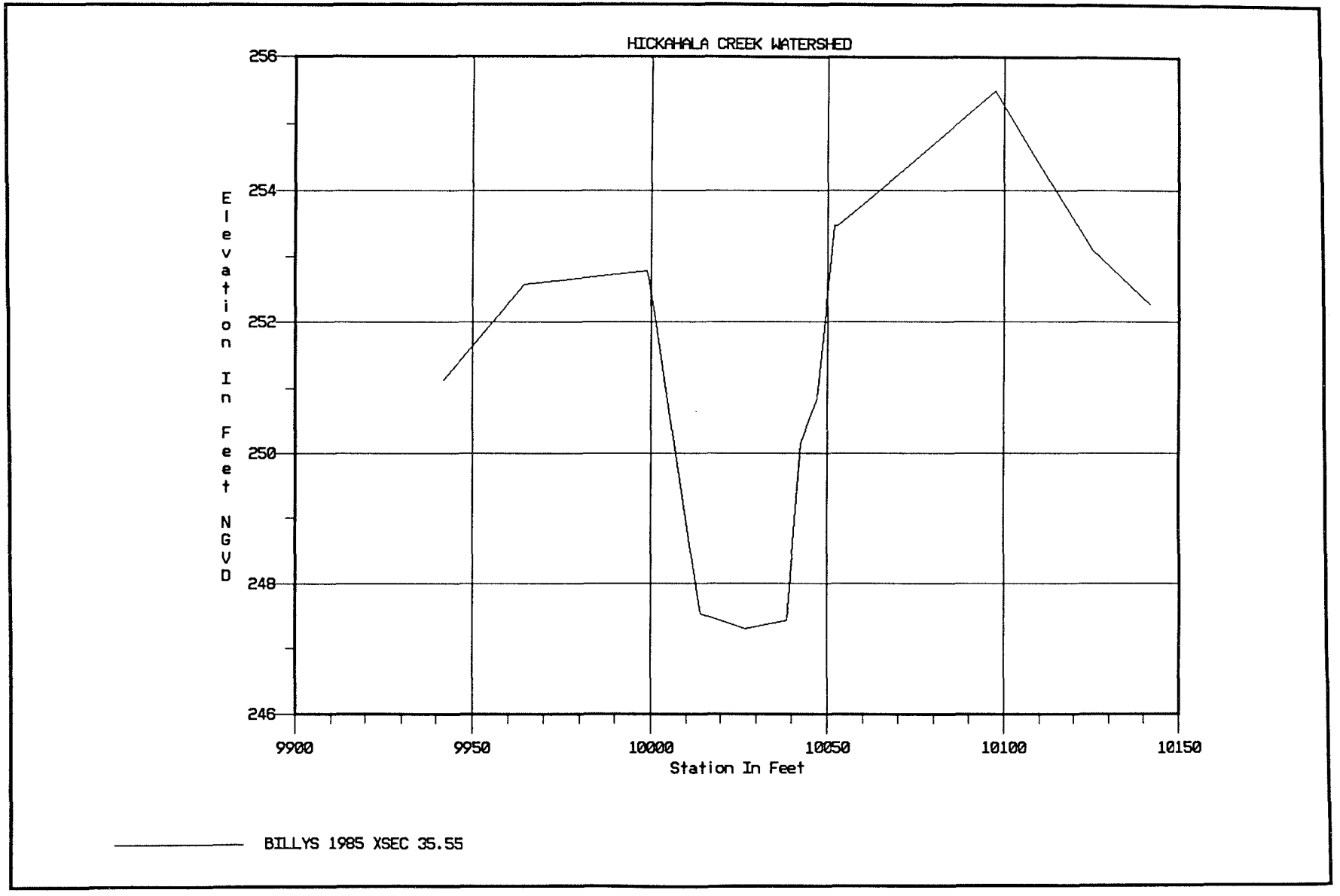
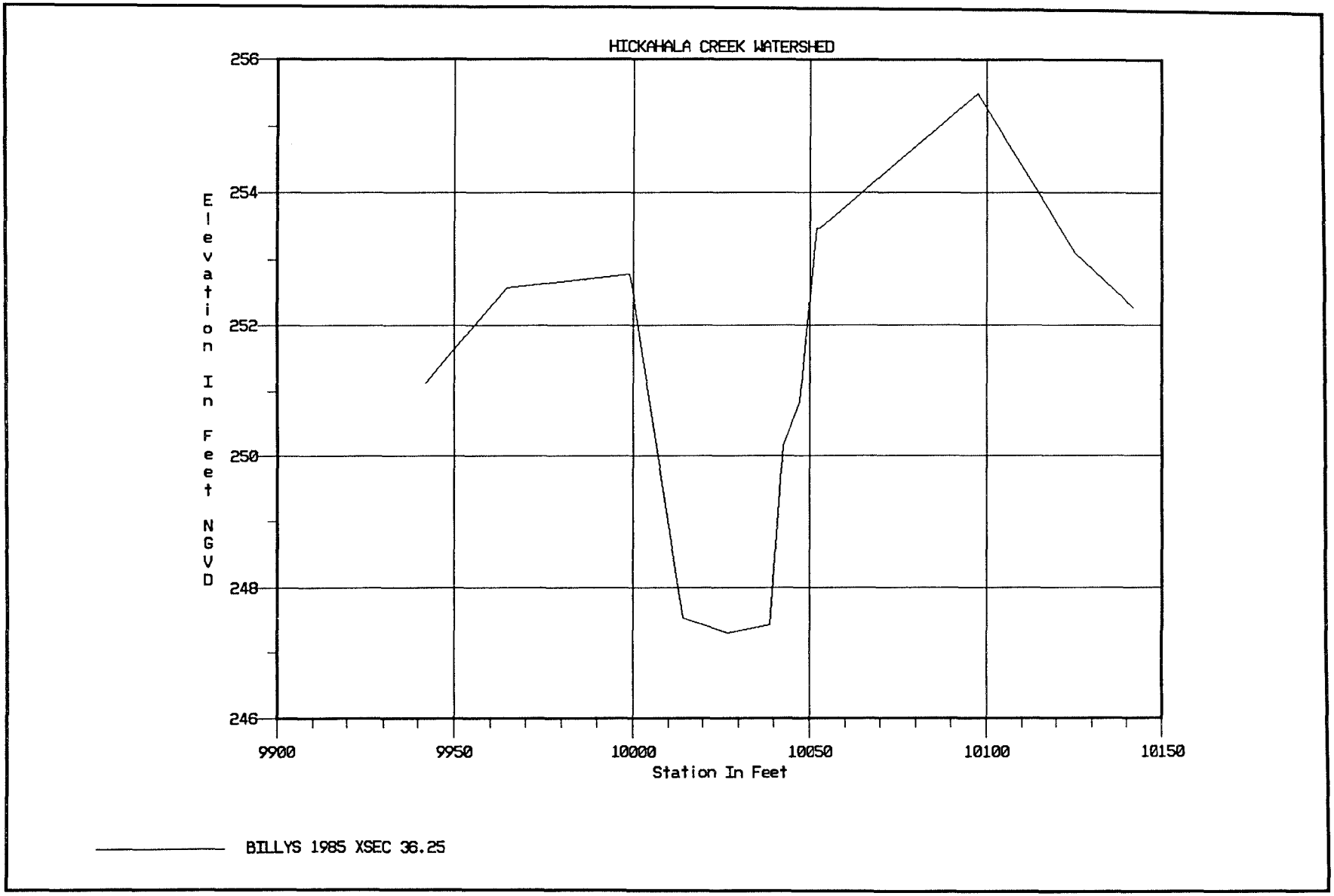

HICKAHALA CREEK WATERSHED
256
254
252
250
248
246
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
Station In Feet
BILLYS 1985 XSEC 35.55

PLATE A189

PLATE A190


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

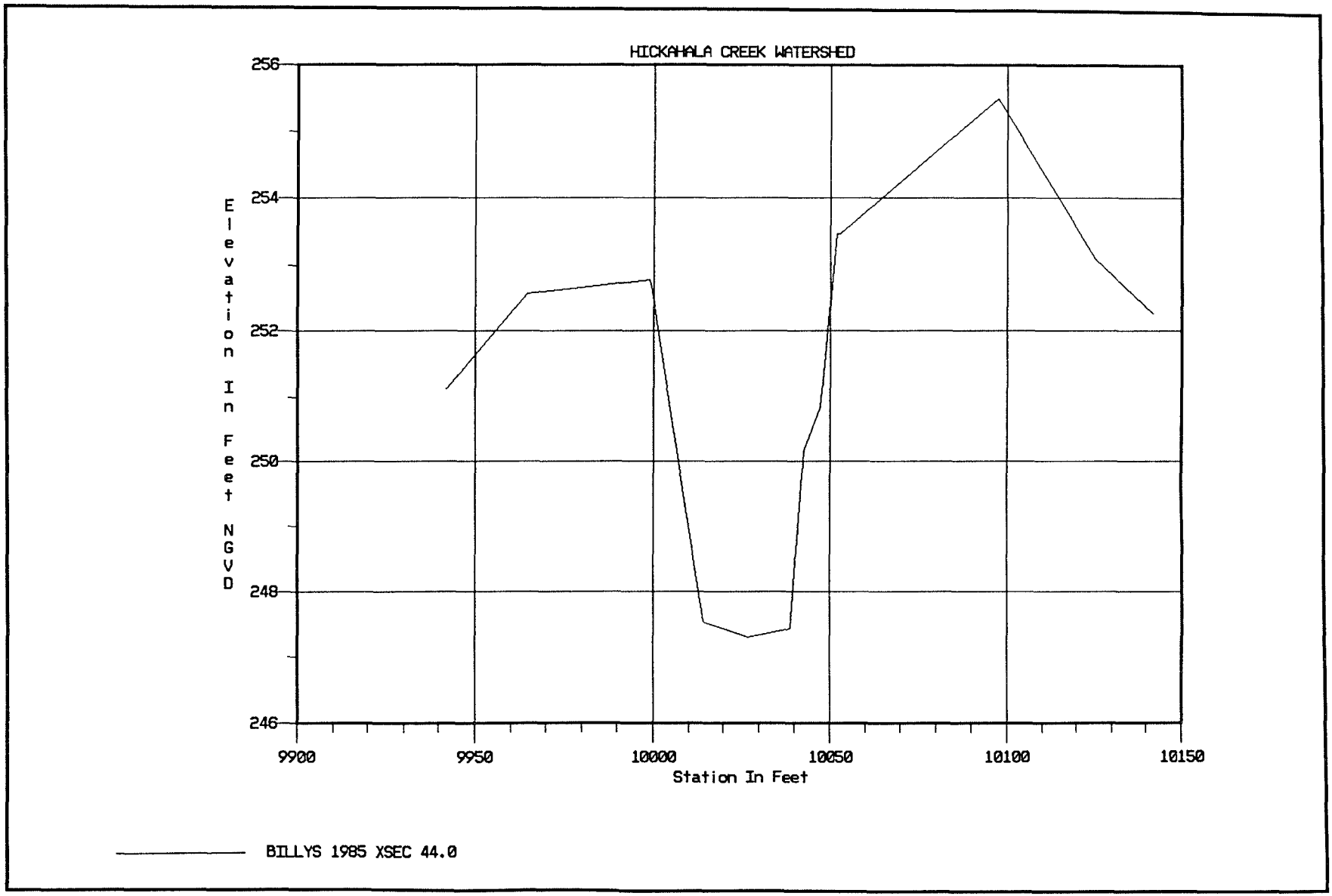
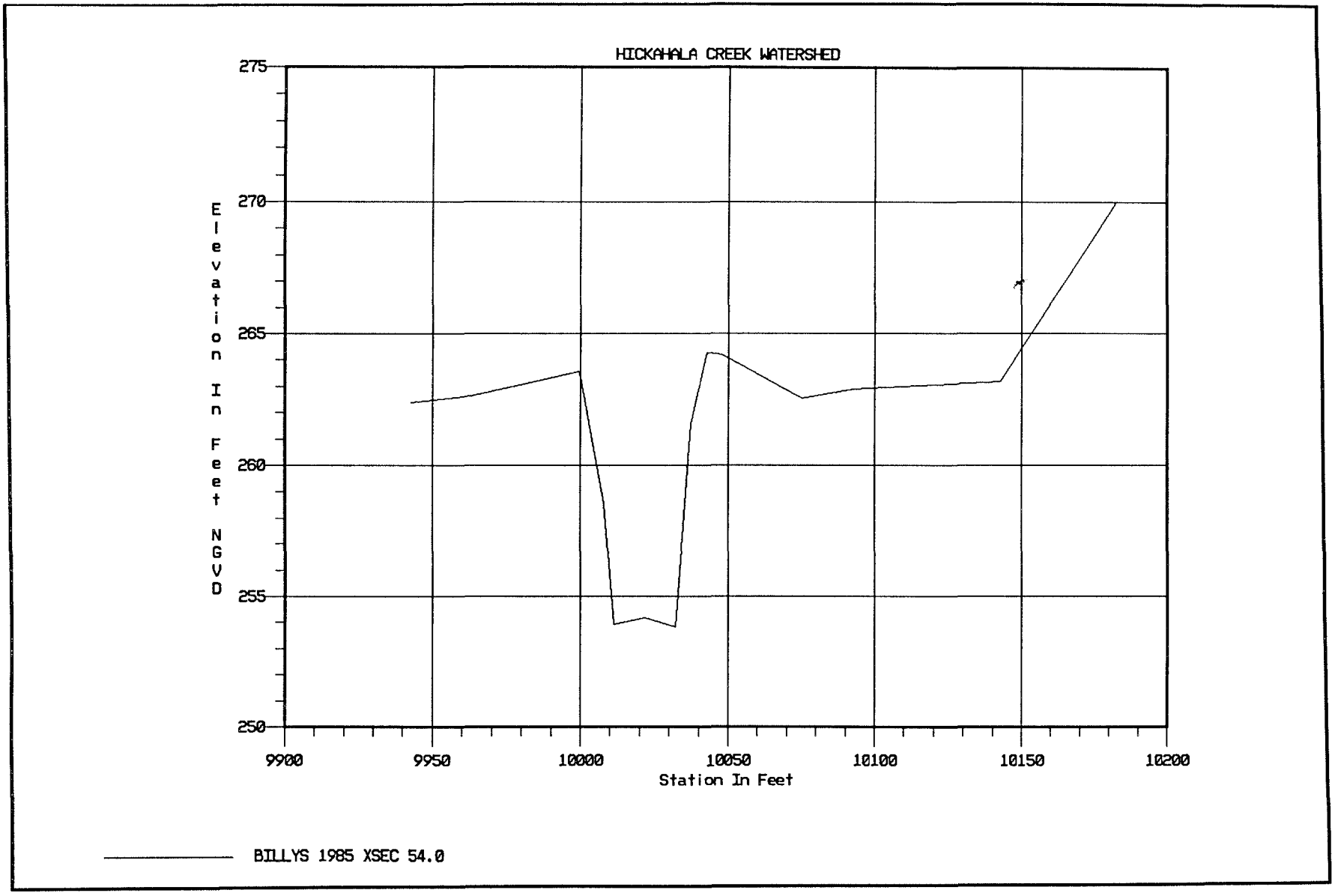

HICKAHALA CREEK WATERSHED
256
254
252
250
248
246
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
Station In Feet
BILLYS 1985 XSEC 44.0

PLATE A191

PLATE A192


HICKAHALA CREEK WATERSHED
275
270
265
260
255
250
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BILLYS 1985 XSEC 54.0

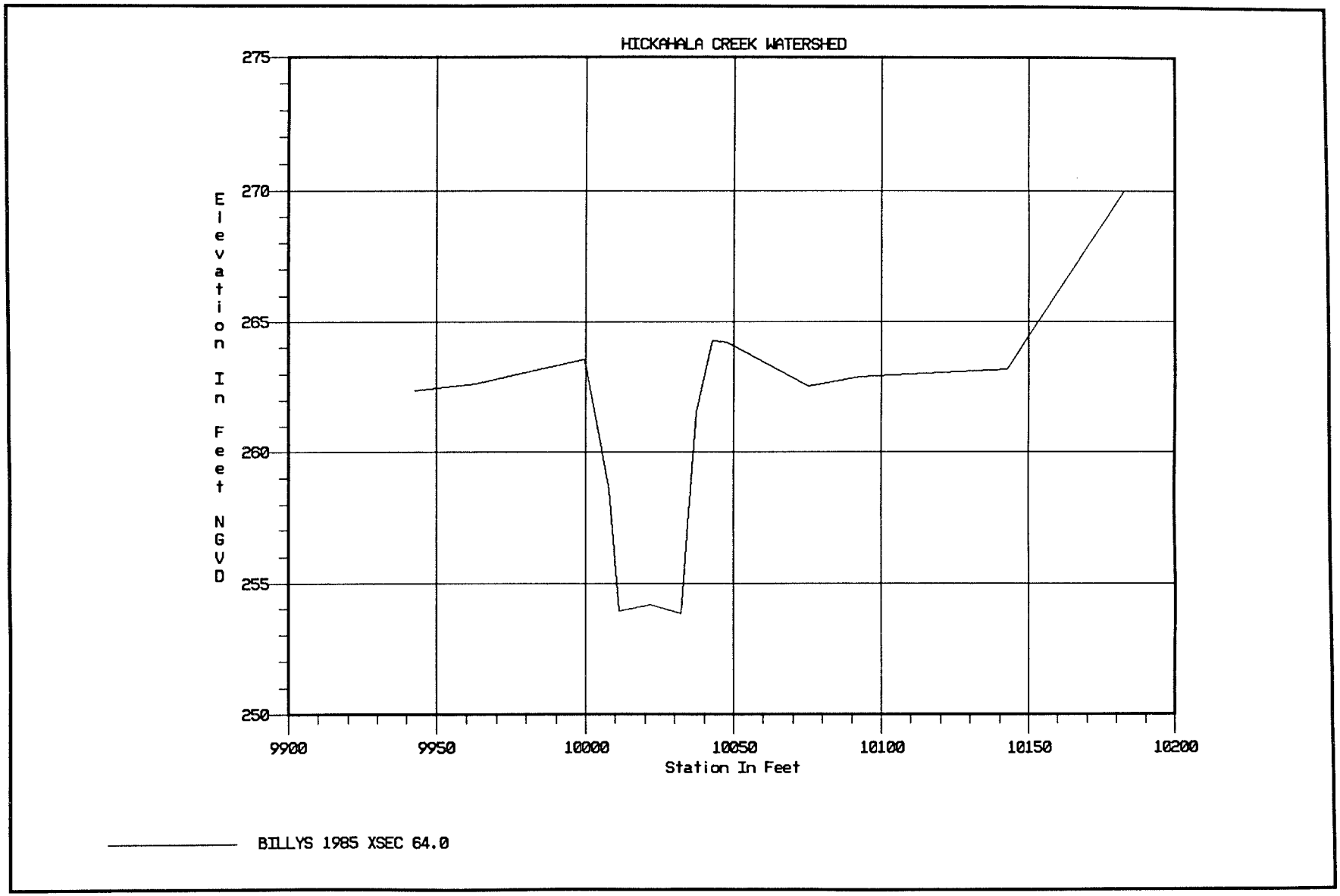
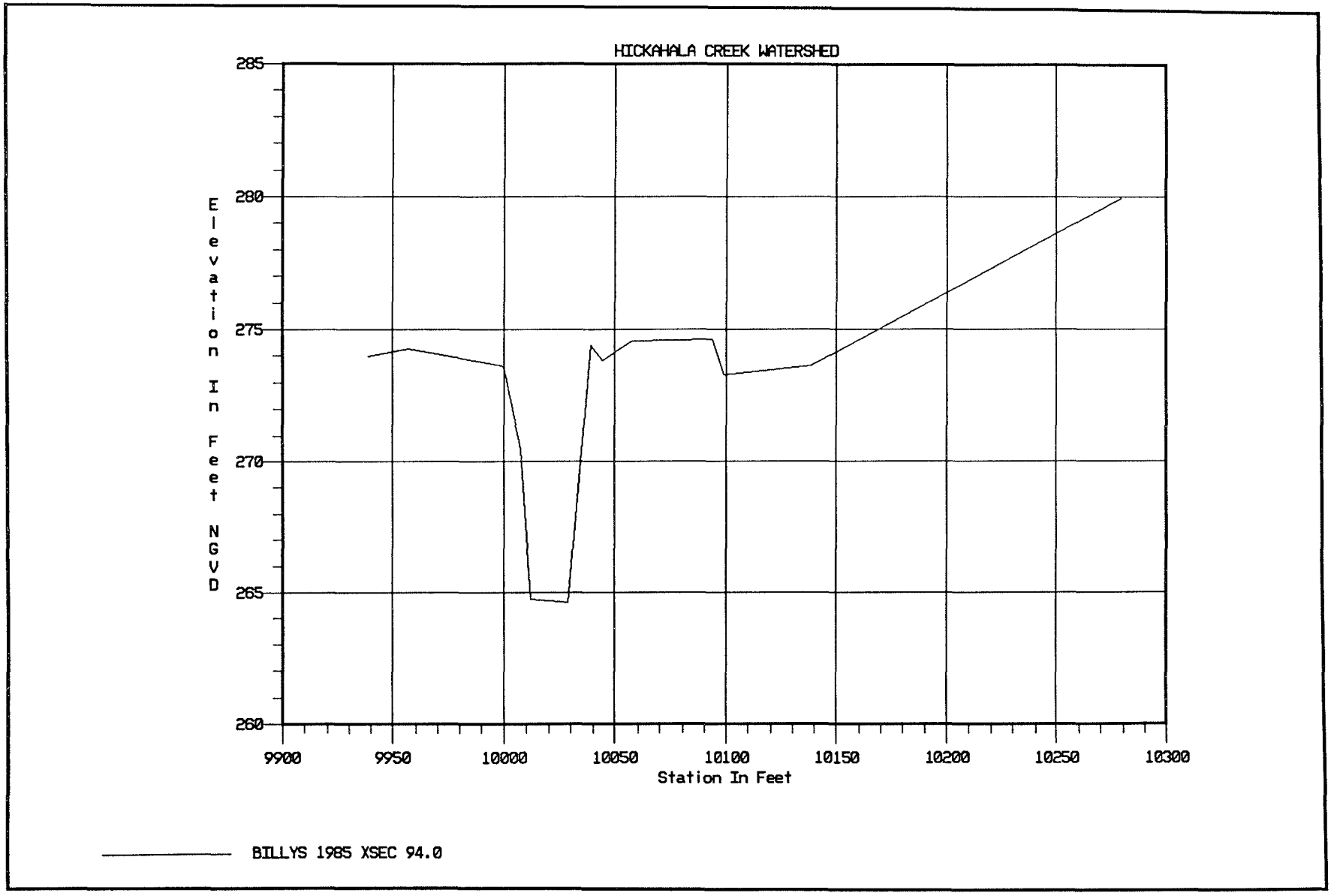

HICKAHALA CREEK WATERSHED
275
270
265
260
255
250
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
BILLYS 1985 XSEC 64.0

PLATE A193

PLATE A194


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

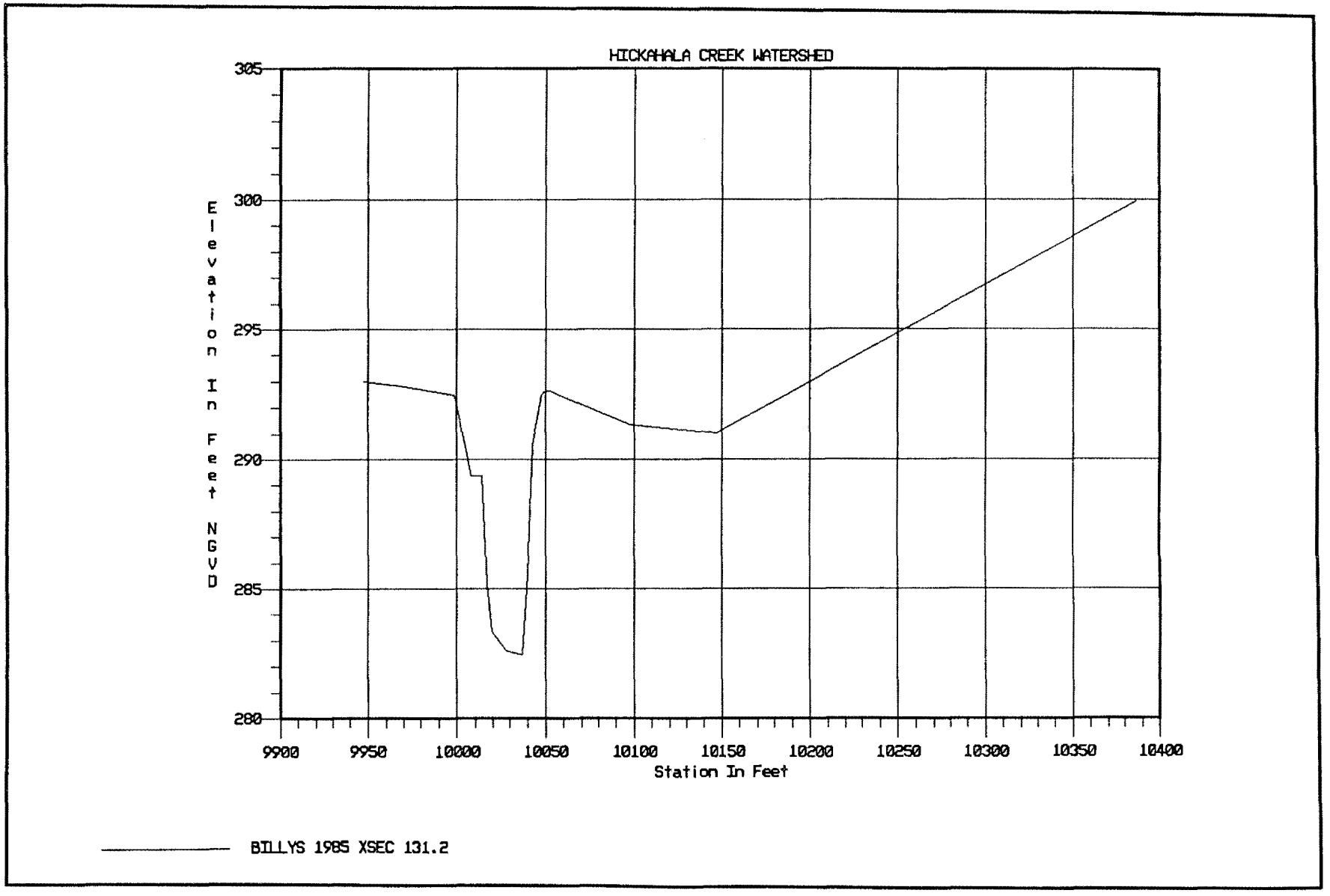
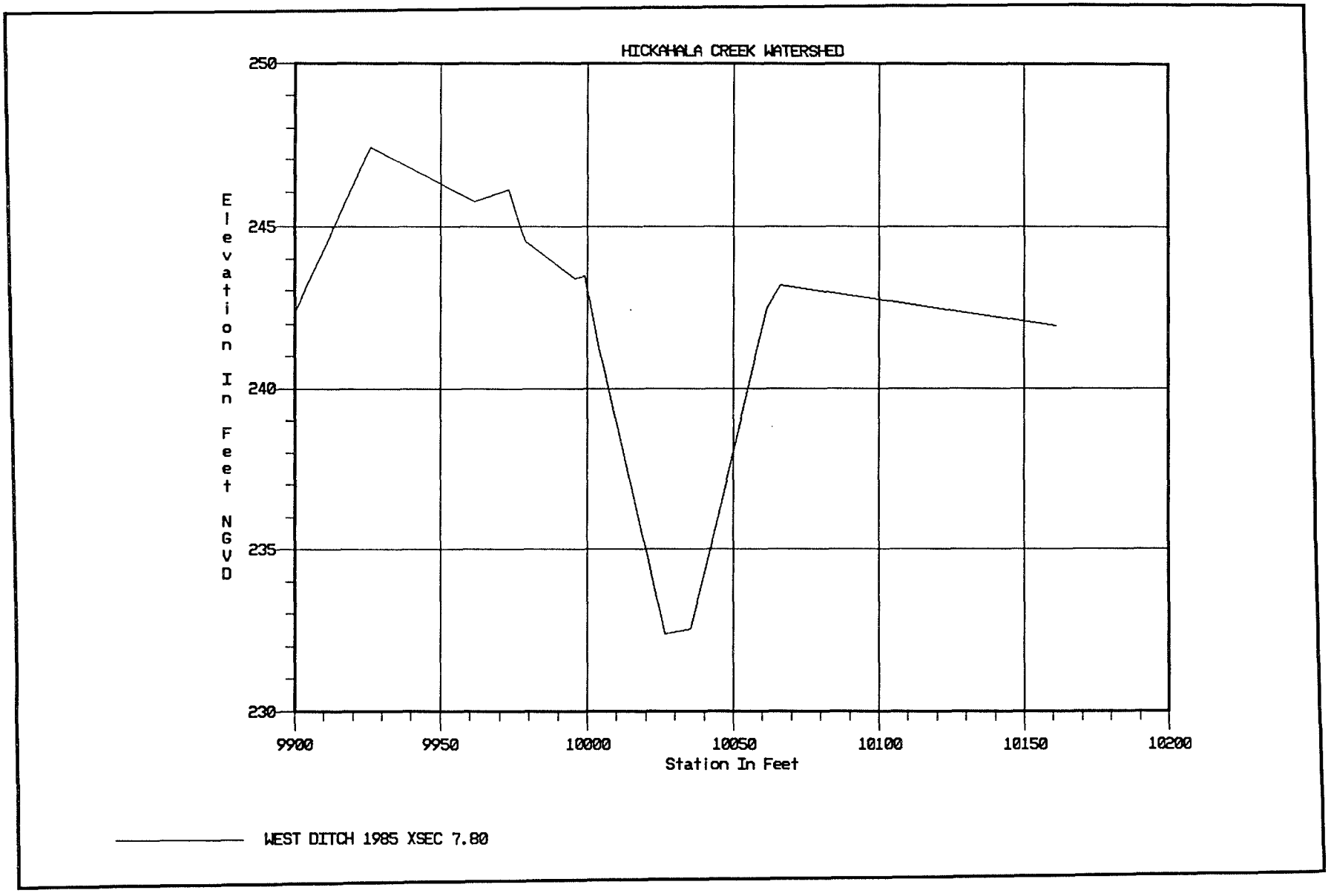

HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
305
300
295
290
285
280
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
10400
Station In Feet
BILLYS 1985 XSEC 131.2

PLATE A195

PLATE A196


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

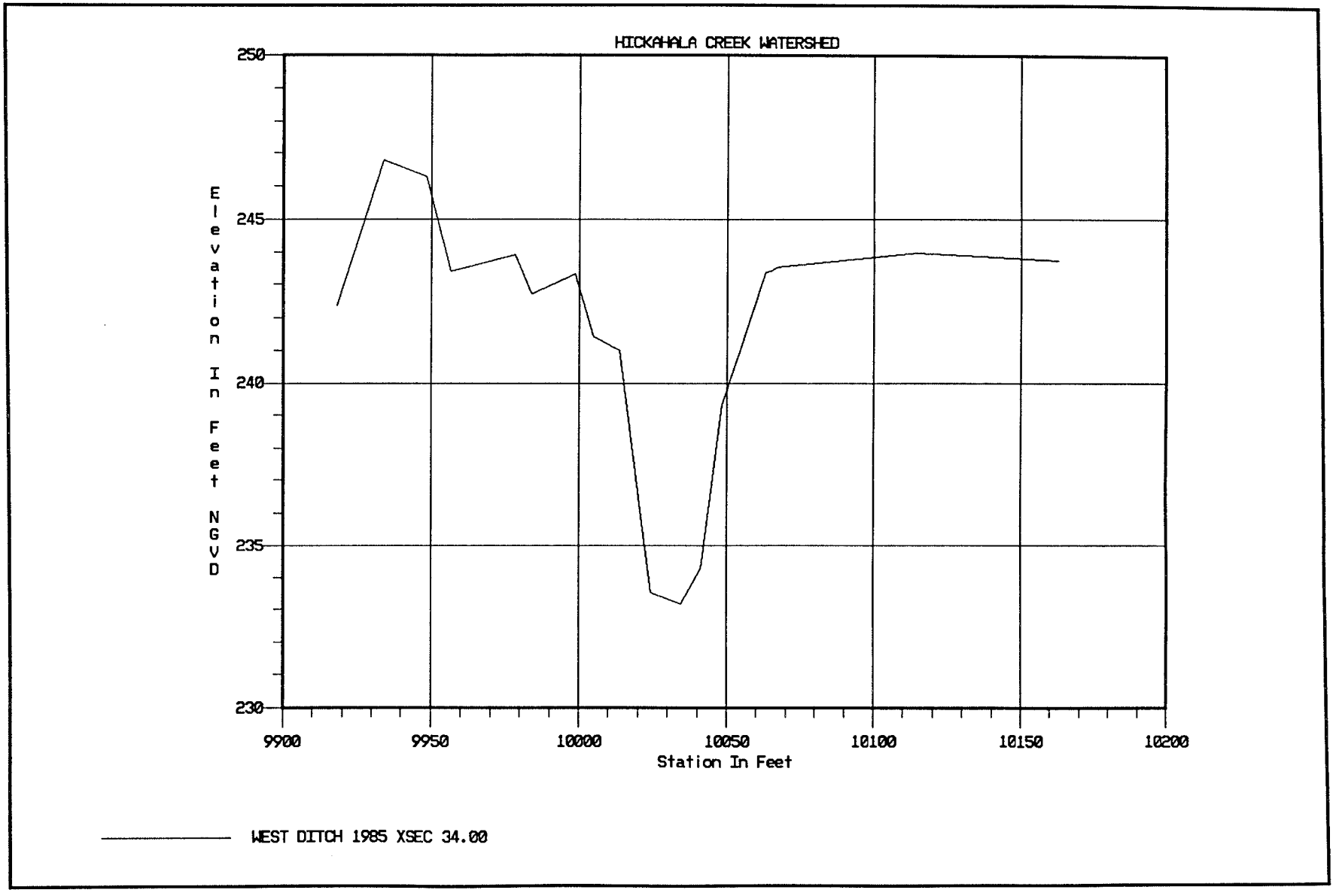
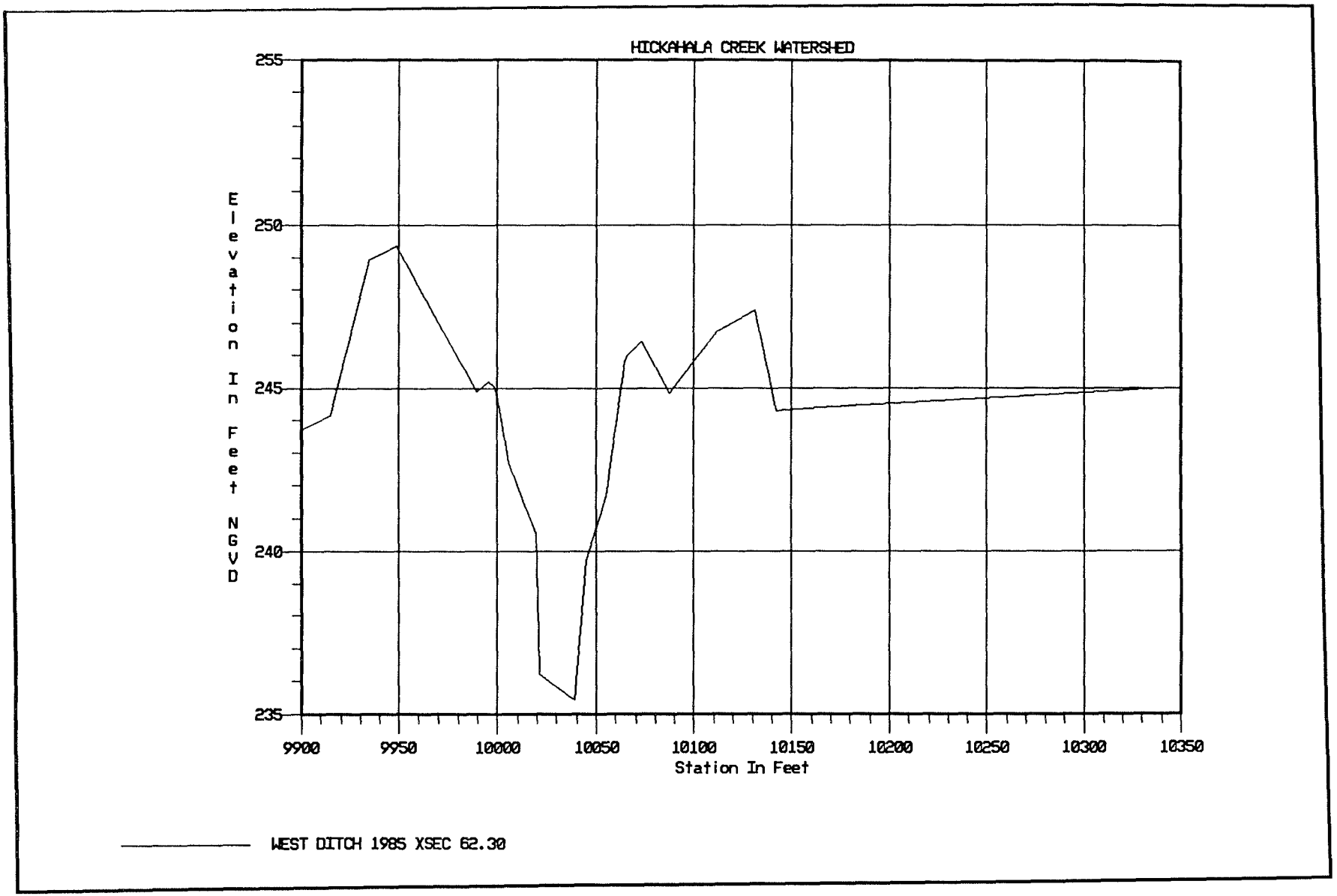

HICKAHALA CREEK WATERSHED
250
245
240
235
230
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
WEST DITCH 1985 XSEC 34.00

PLATE A197

PLATE A198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Elevation In Feet NGVD
255
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245
240
235
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10000
10050
10100
10150
10200
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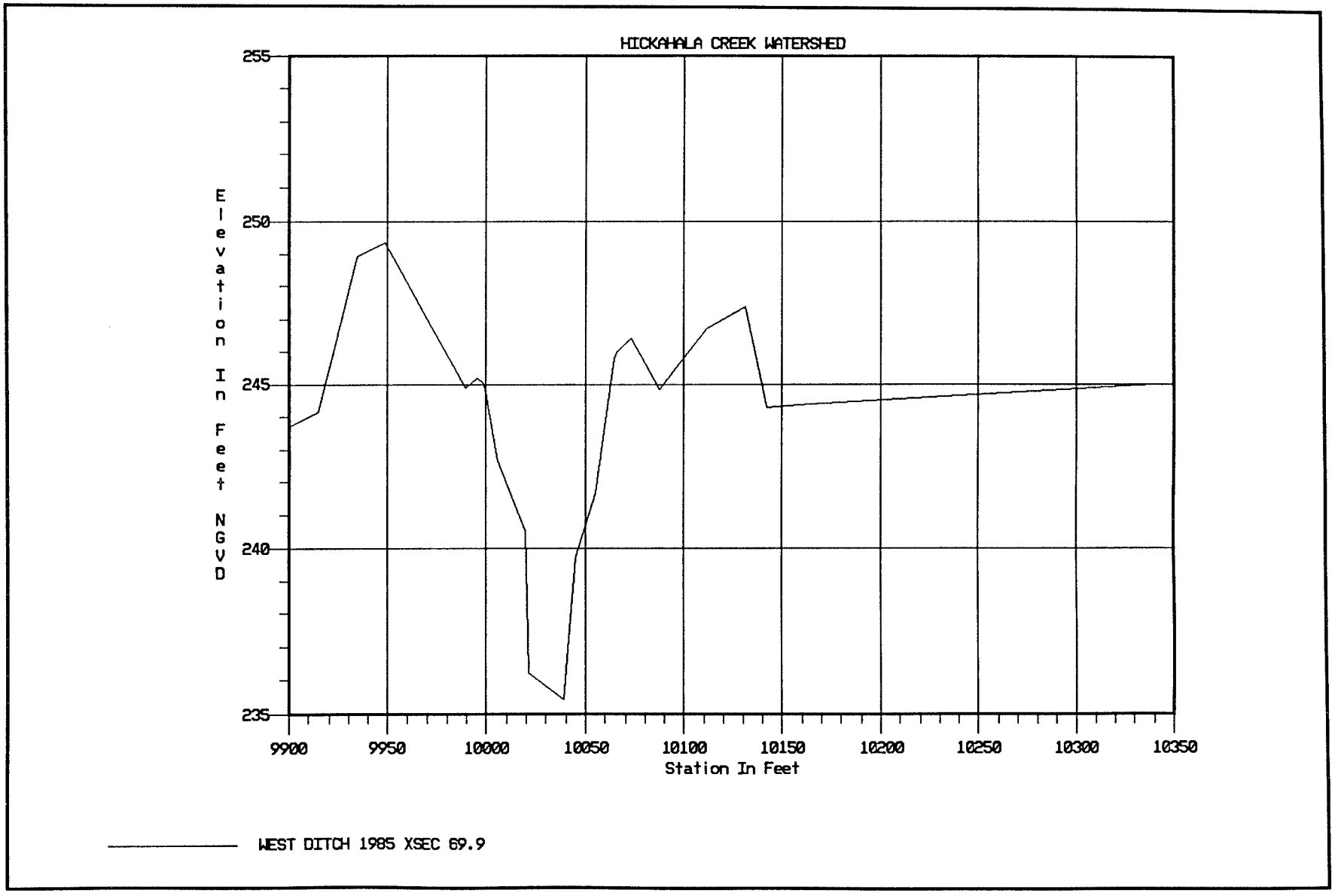
10300
10350
Station In Feet
WEST DITCH 1985 XSEC 62.30


HICKAHALA CREEK WATERSHED
255
250
245
240
235
Elevation In Feet NGVD
9900
9950
10000
10050
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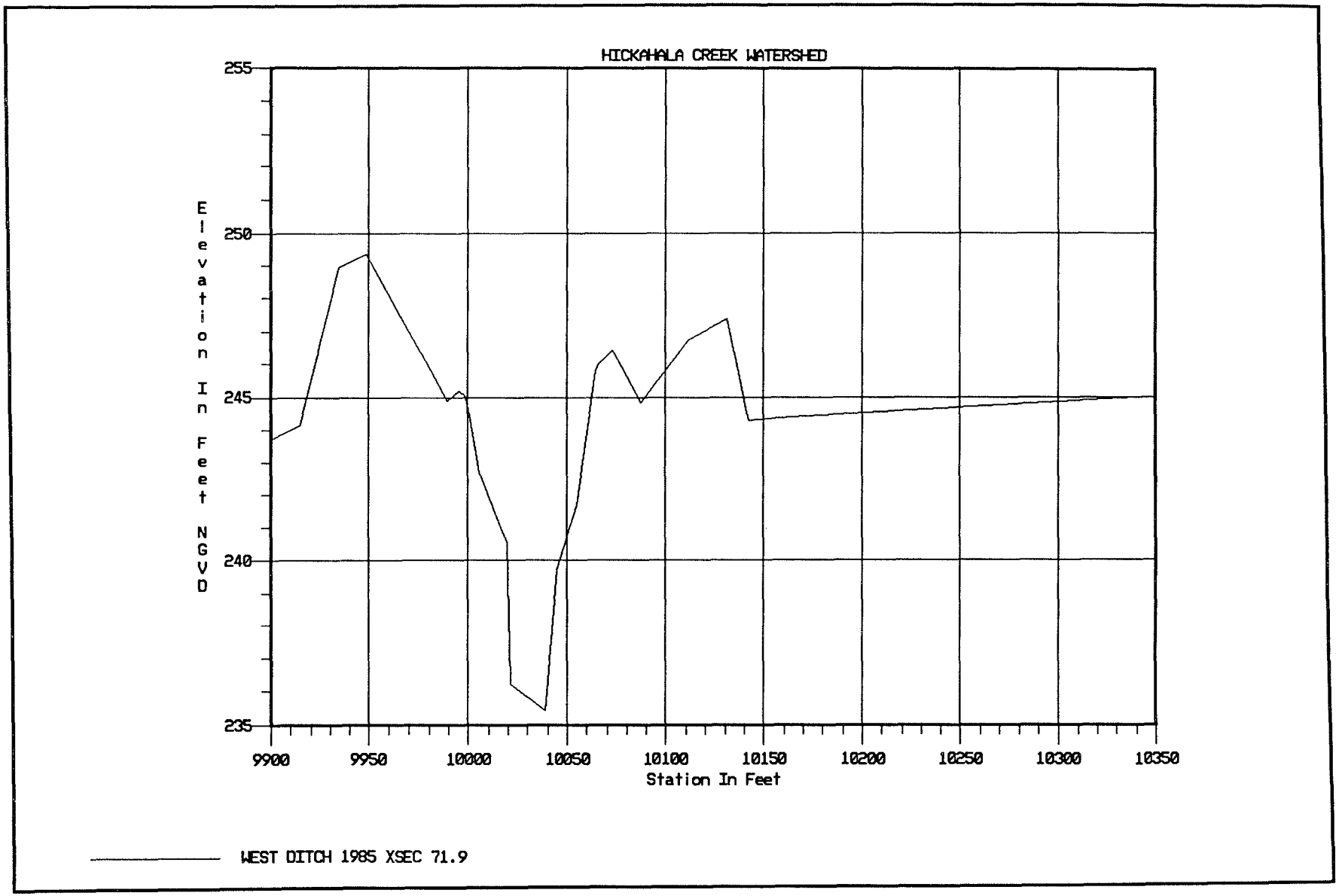
10150
10200
10250
10300
10350
Station In Feet
WEST DITCH 1985 XSEC 69.9

PLATE A199

PLATE A200


HICKAHALA CREEK WATERSHED
Elevation In Feet NGVD
255
250
245
240
235
9900
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10000
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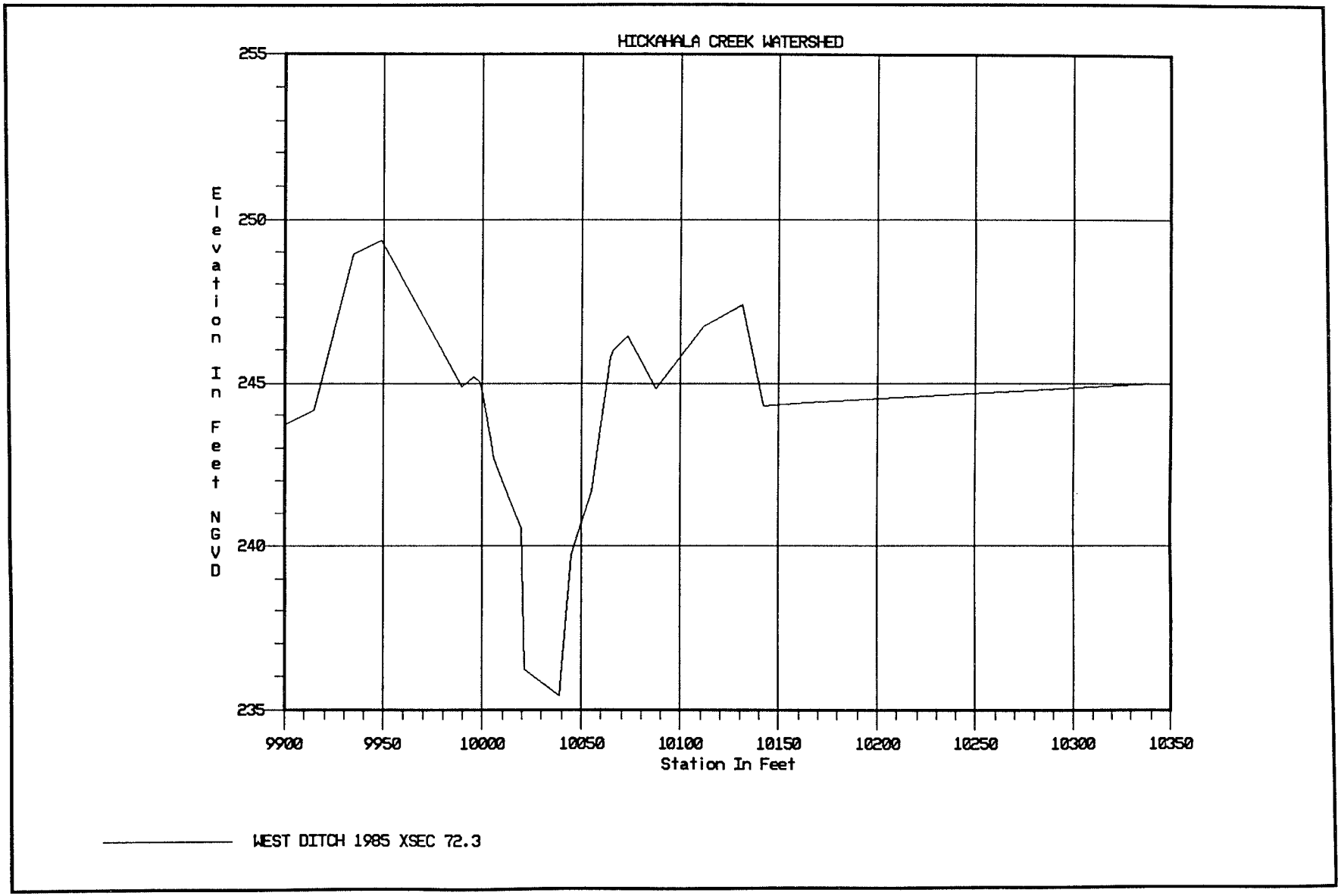
10150
10200
10250
10300
10350
Station In Feet
WEST DITCH 1985 XSEC 71.9


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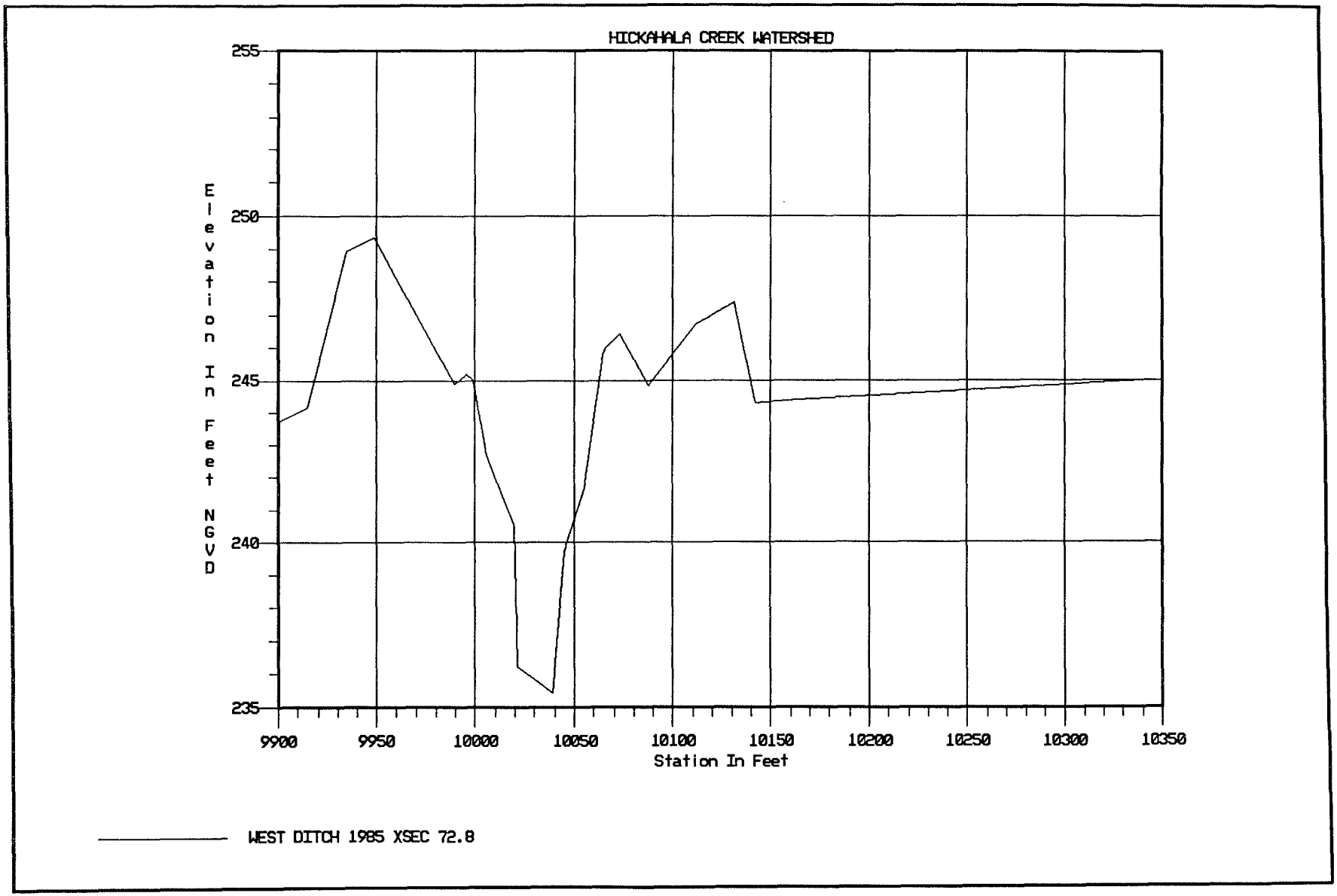
10150
10200
10250
10300
10350
Station In Feet
WEST DITCH 1985 XSEC 72.3

PLATE A201

PLATE A202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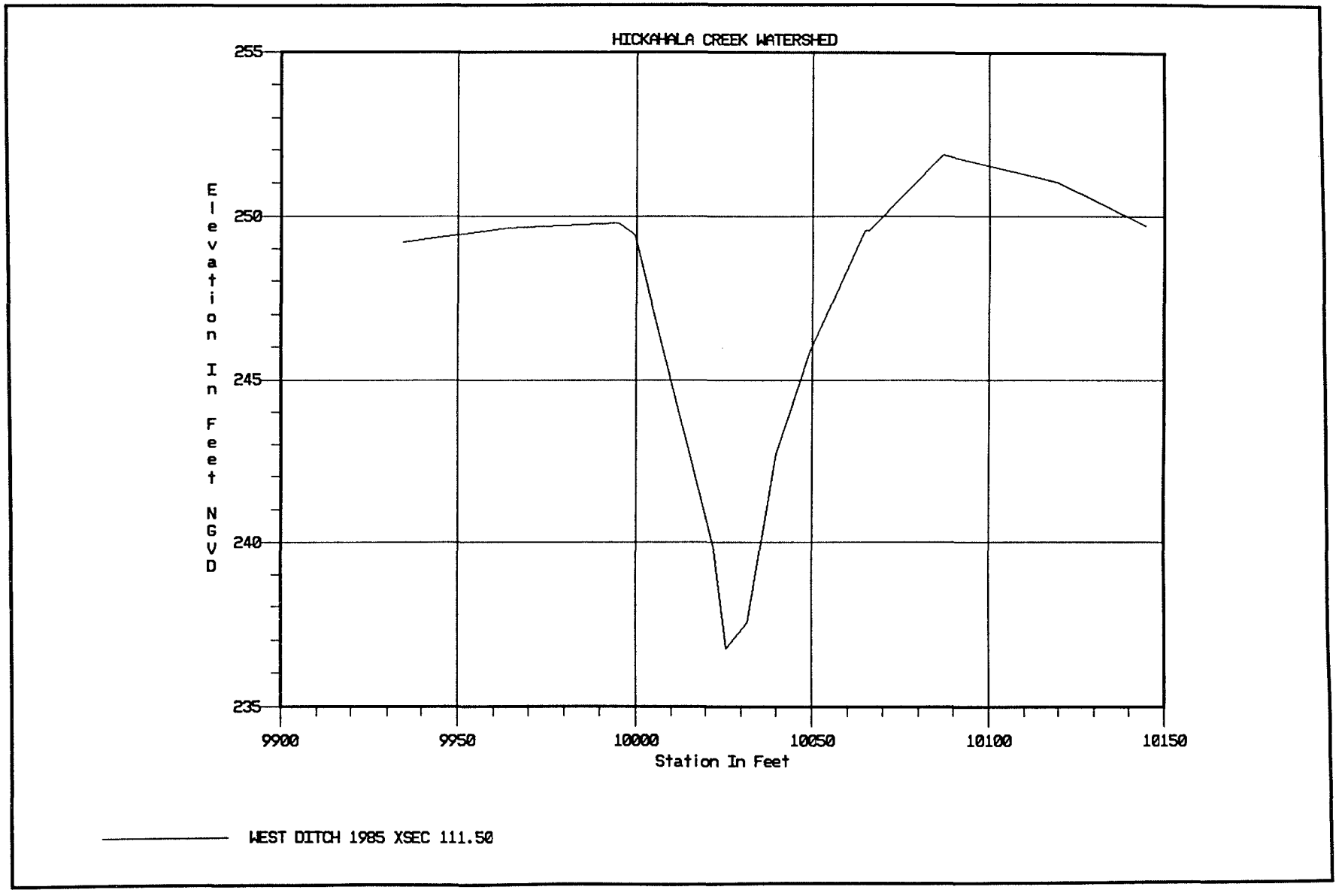
Elevation In Feet NGVD
255
250
245
240
235
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
WEST DITCH 1985 XSEC 72.8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235
Elevation In Feet NGVD
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10000
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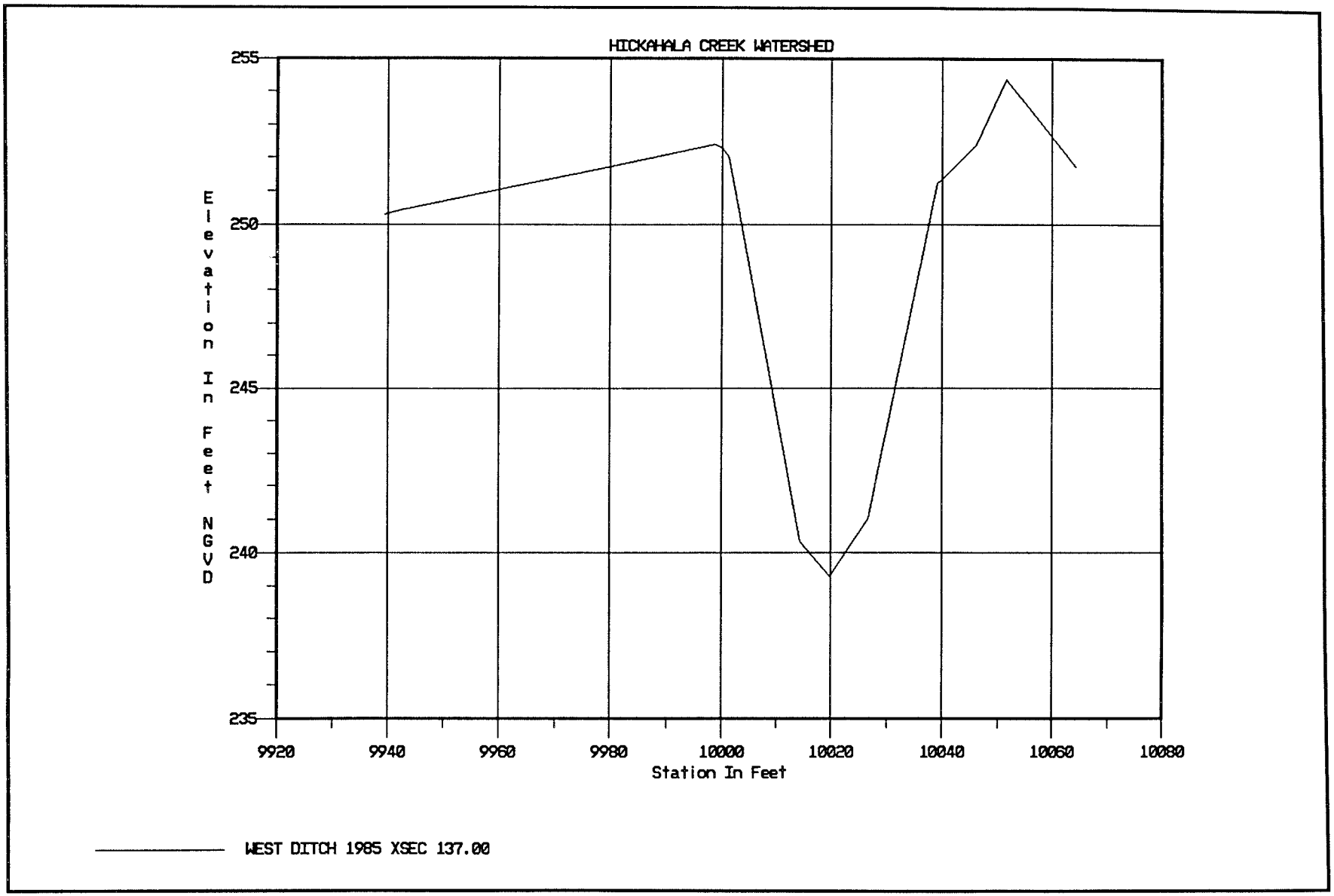
10100
10150
Station In Feet
WEST DITCH 1985 XSEC 111.50

PLATE A203

PLATE A204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250
245
240
235
Elevation In Feet NGVD
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10000
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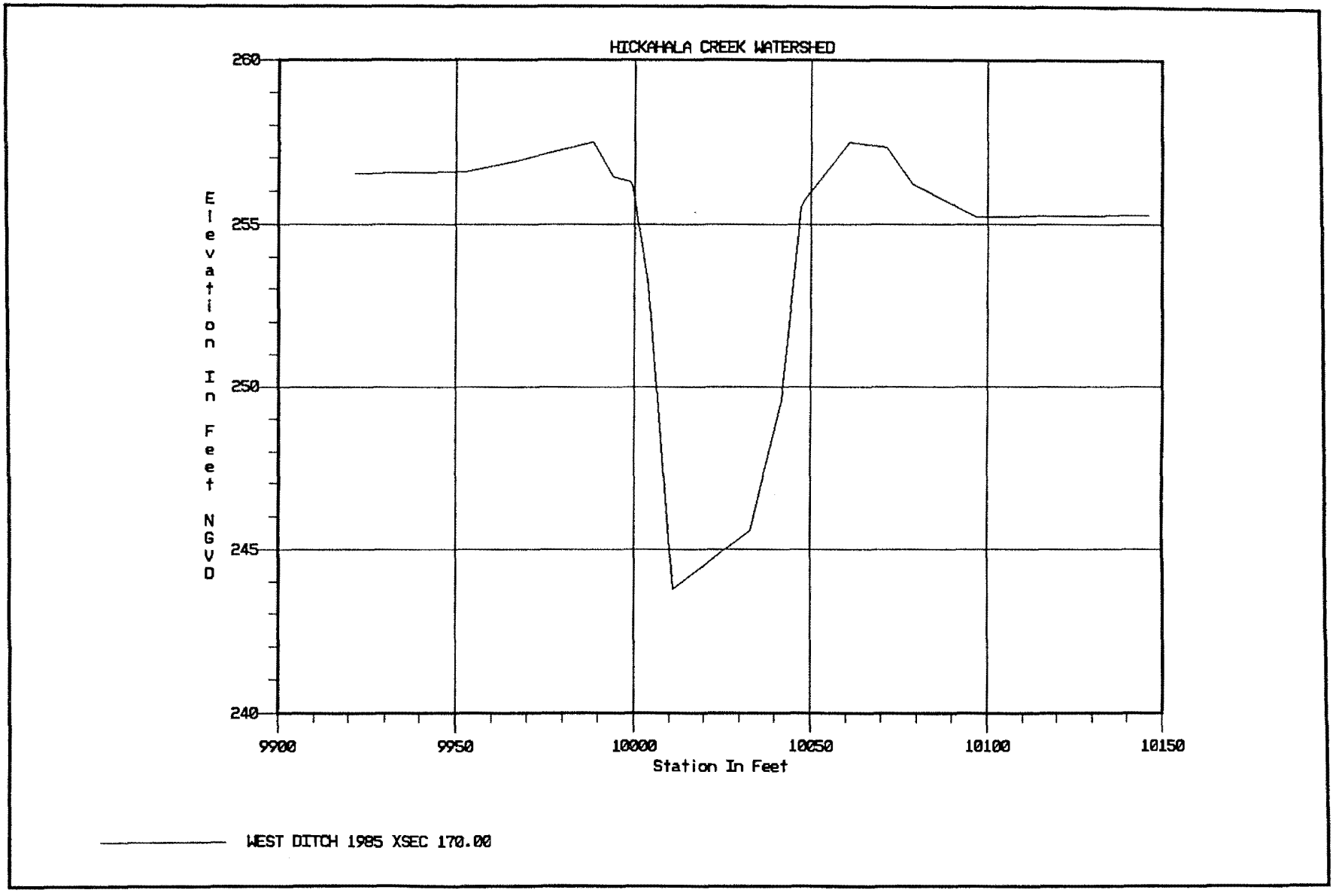
10060
10080
Station In Feet
WEST DITCH 1985 XSEC 137.00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250
245
240
Elevation In Feet NGVD
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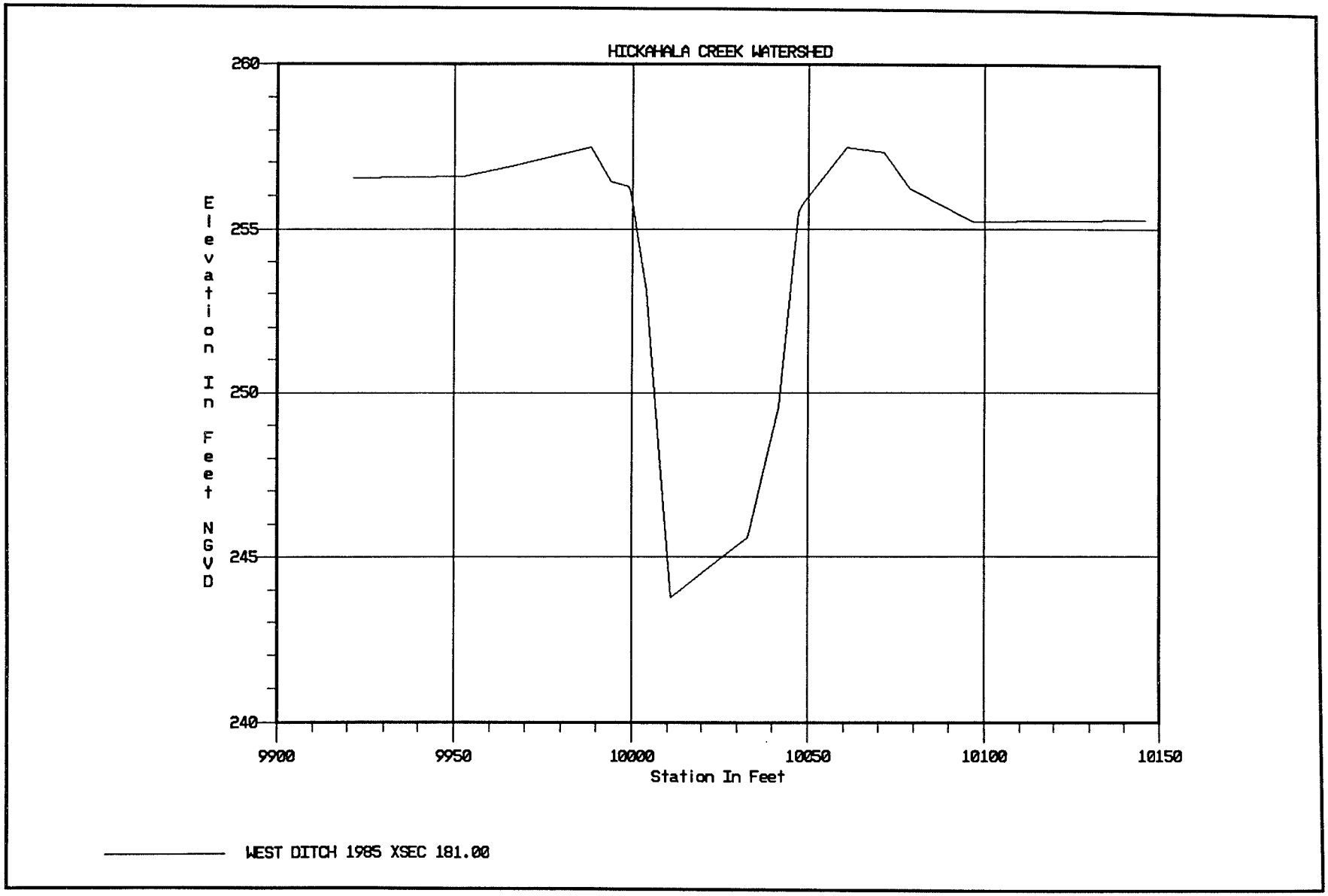
9950
10000
10050
10100
10150
Station In Feet
WEST DITCH 1985 XSEC 170.00

PLATE A205

PLATE A206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Elevation In Feet NGVD
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9950
10000
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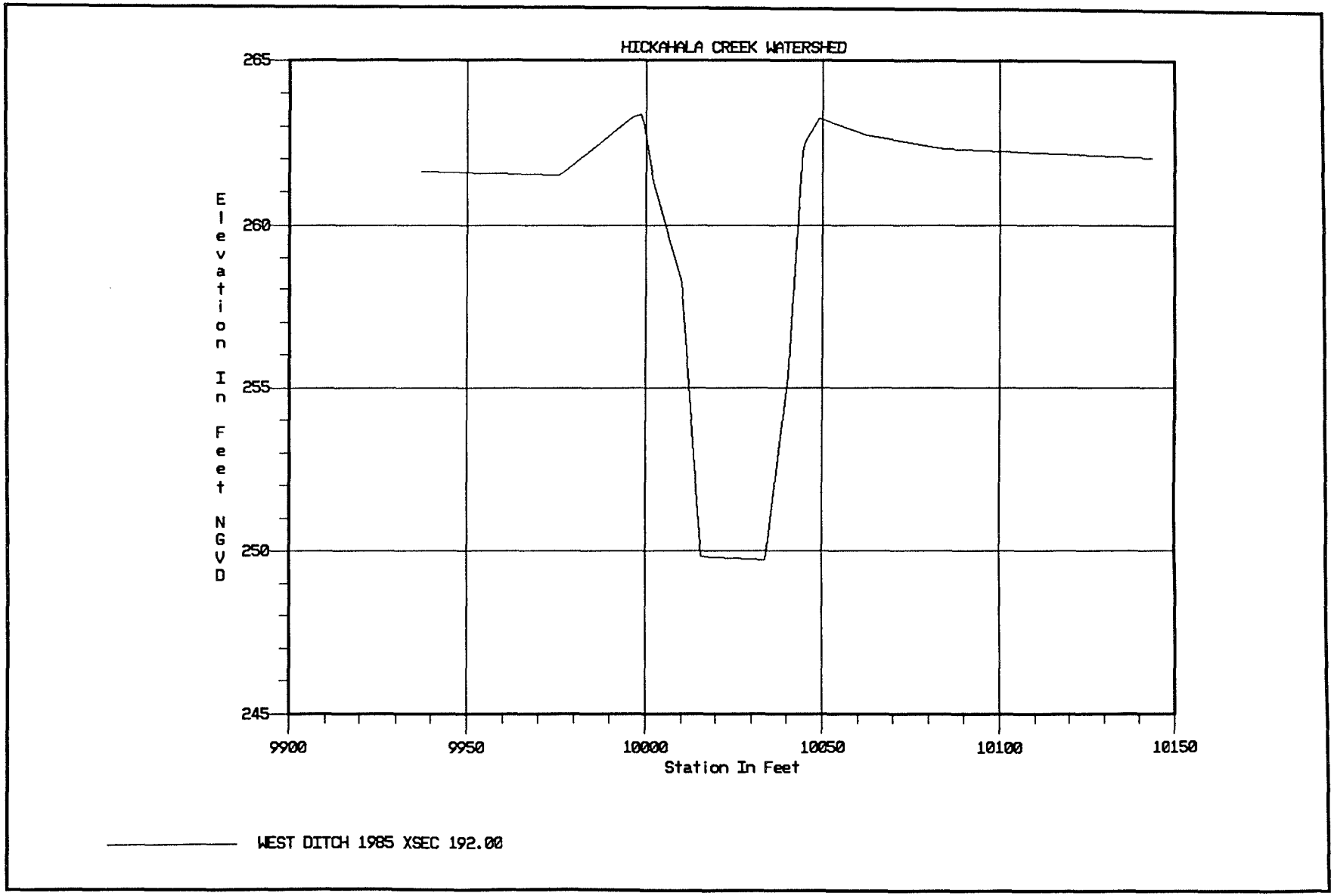
10150
Station In Feet
WEST DITCH 1985 XSEC 181.00


HICKAHALA CREEK WATERSHED
265
260
255
250
245
Elevation In Feet NGVD
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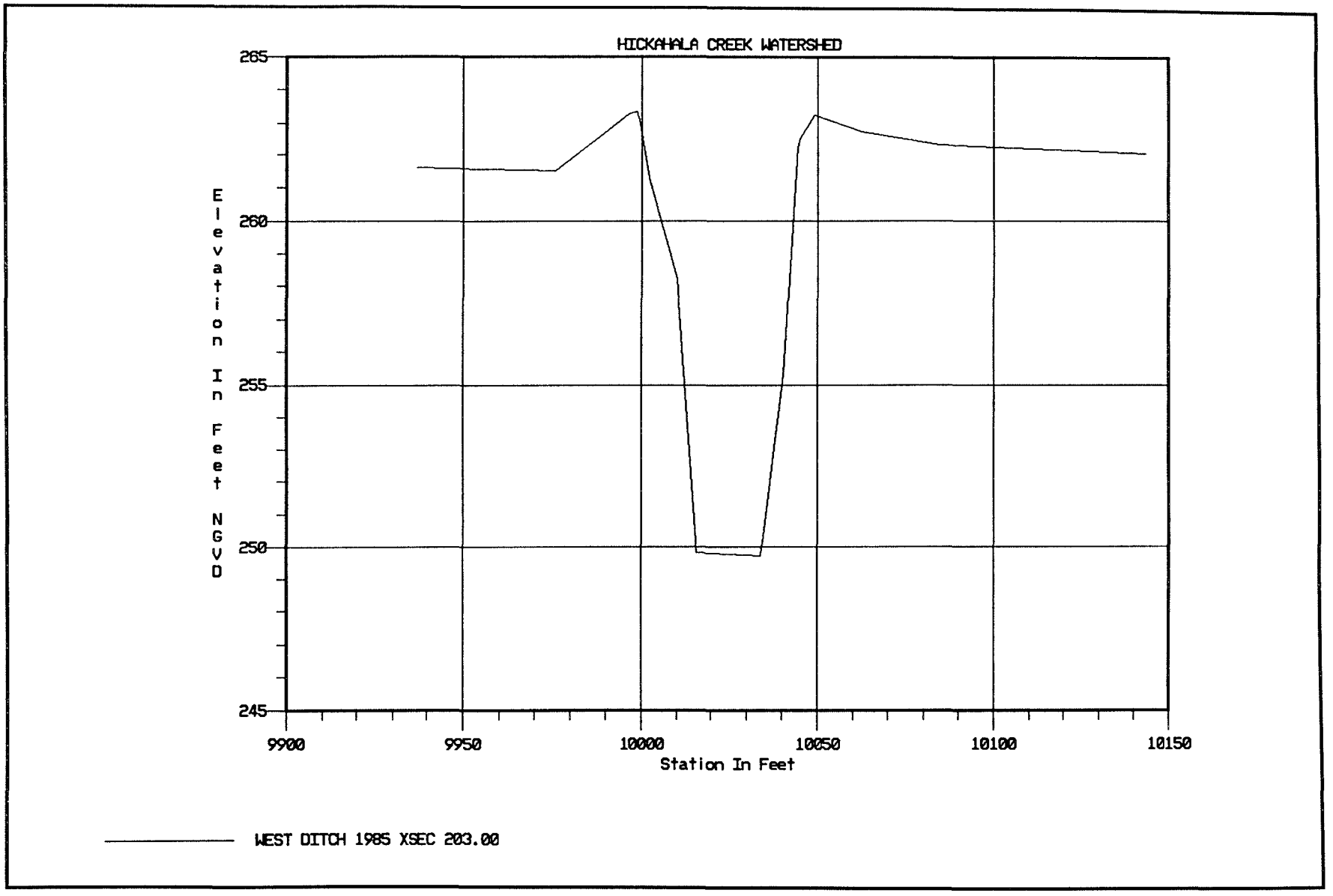
9950
10000
10050
10100
10150
Station In Feet
WEST DITCH 1985 XSEC 192.00

PLATE A207

PLATE A208


HICKAHALA CREEK WATERSHED
265
260
255
250
245
Elevation In Feet NGVD
9900
9950
10000
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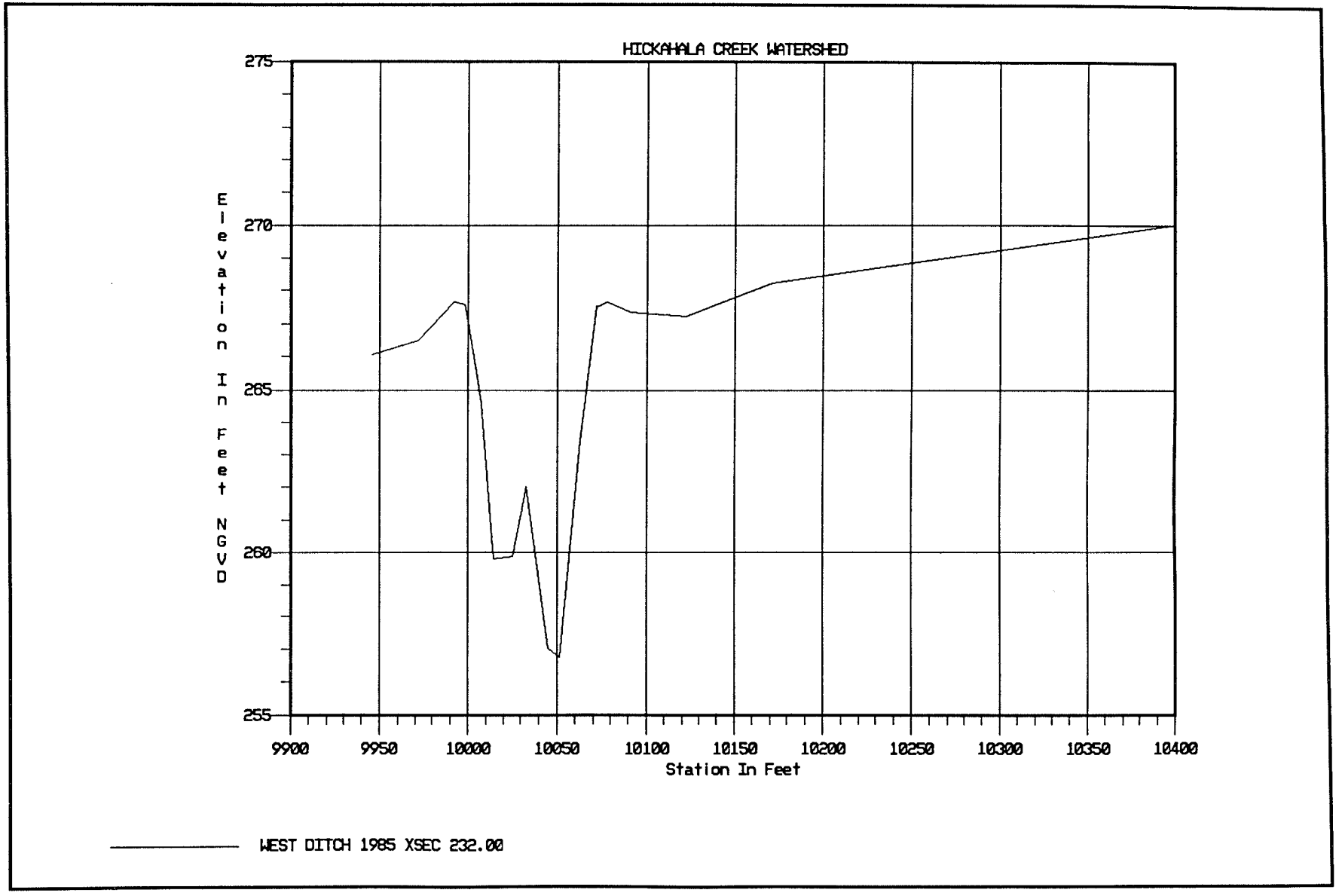
10100
10150
Station In Feet
WEST DITCH 1985 XSEC 203.00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Elevation In Feet NGVD
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260
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9900
9950
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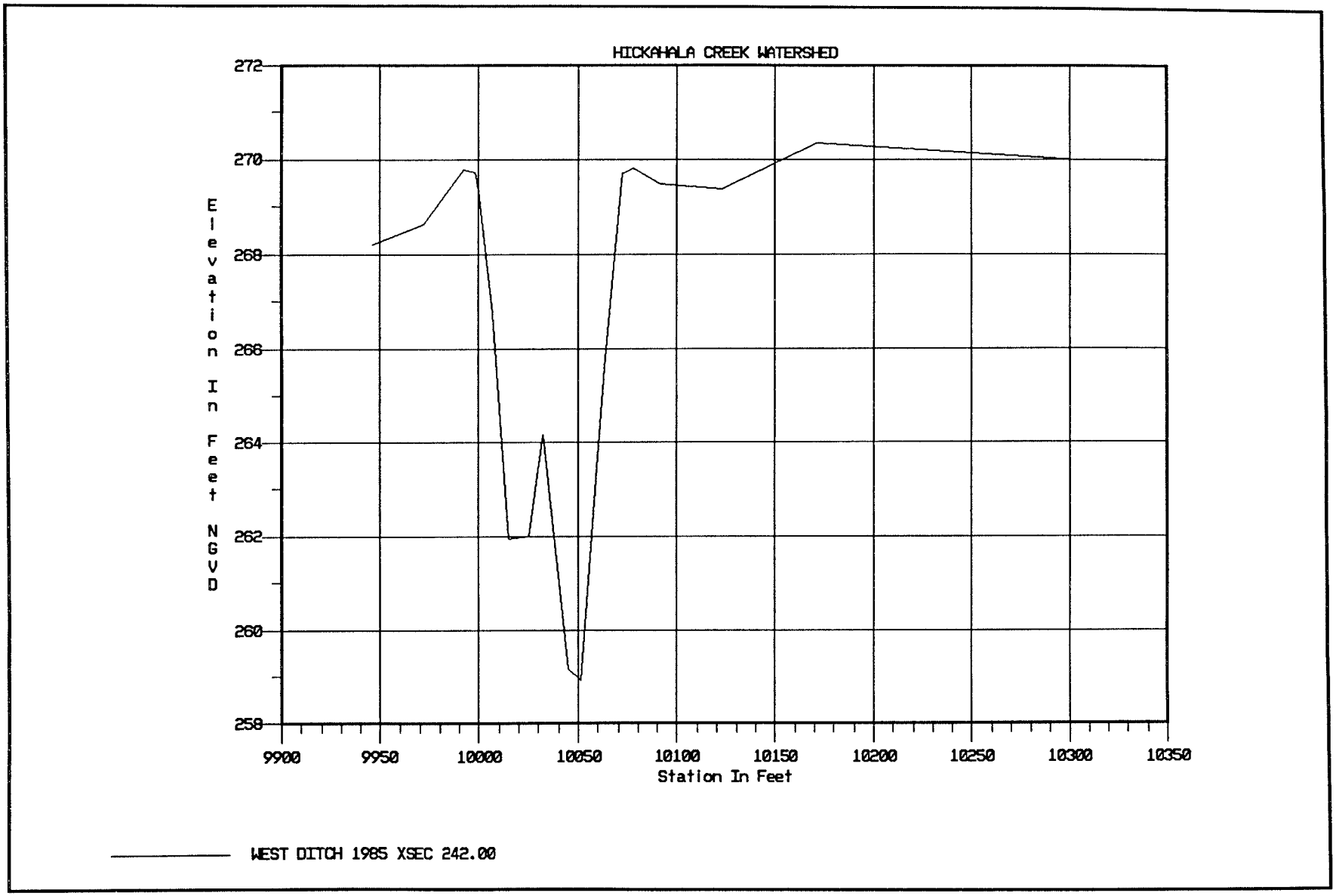
10300
10350
10400
Station In Feet
WEST DITCH 1985 XSEC 232.00

PLATE A209

PLATE A210


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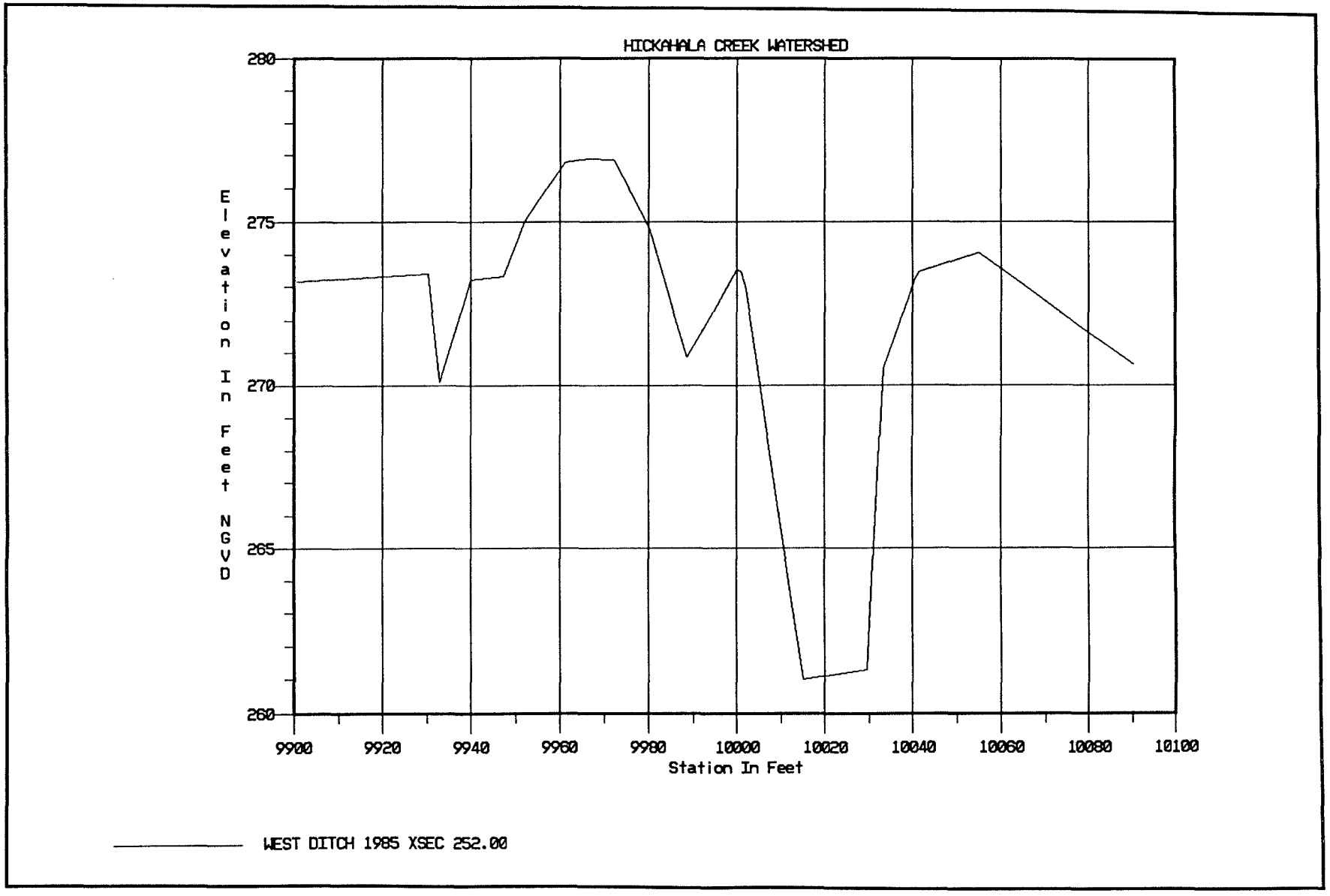
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station In Feet
WEST DITCH 1985 XSEC 242.00


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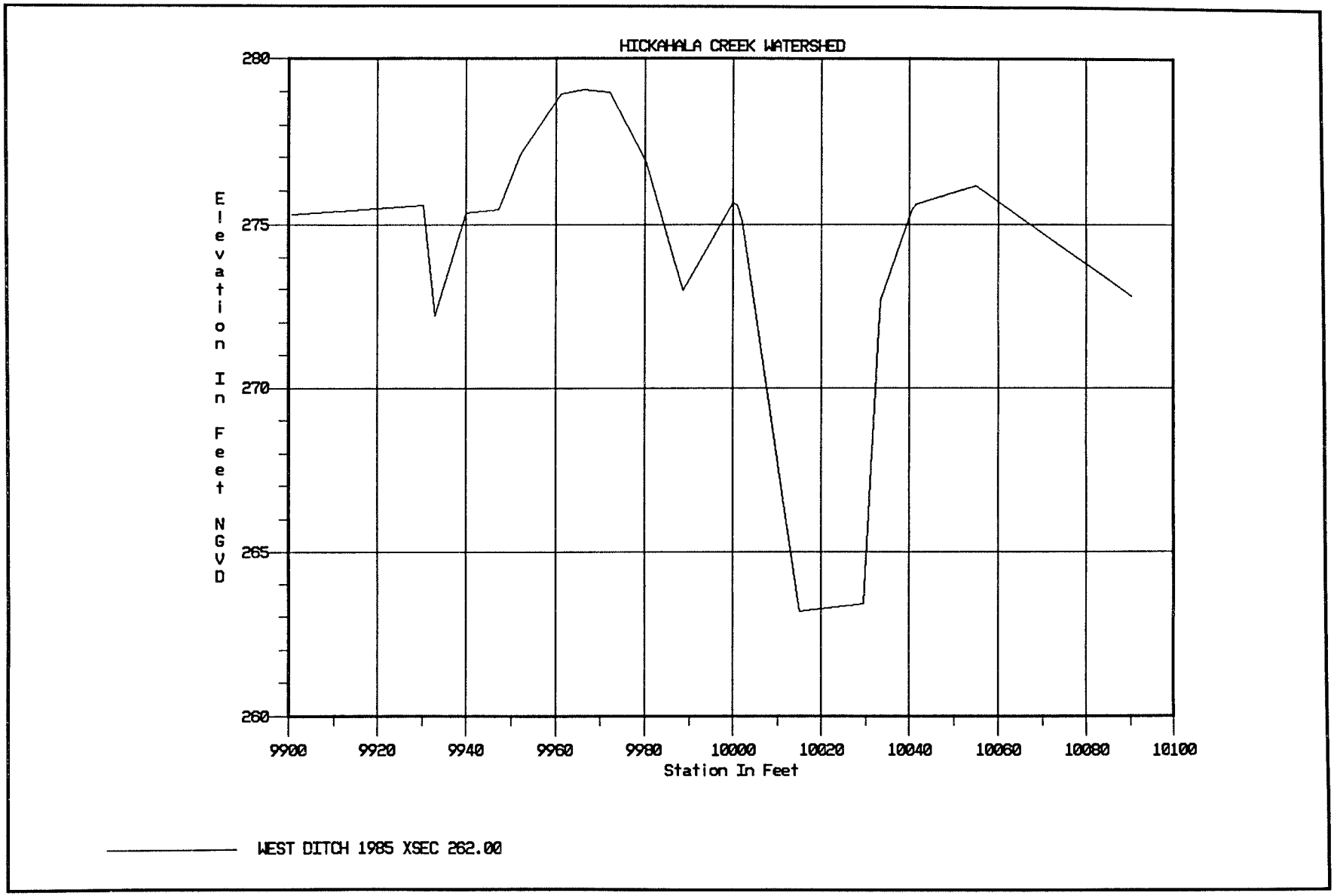
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station In Feet
WEST DITCH 1985 XSEC 252.00

PLATE A211

PLATE A212


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

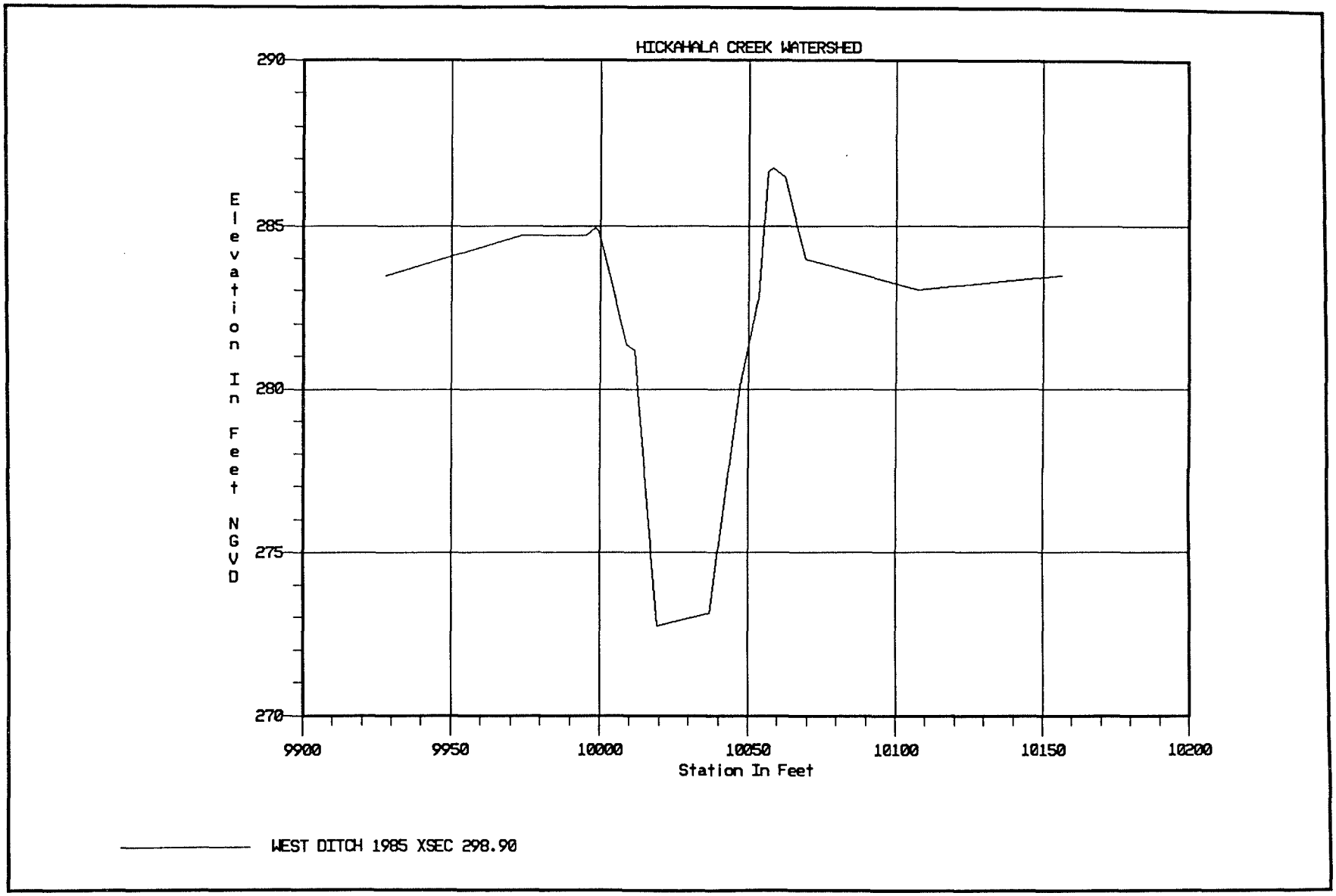
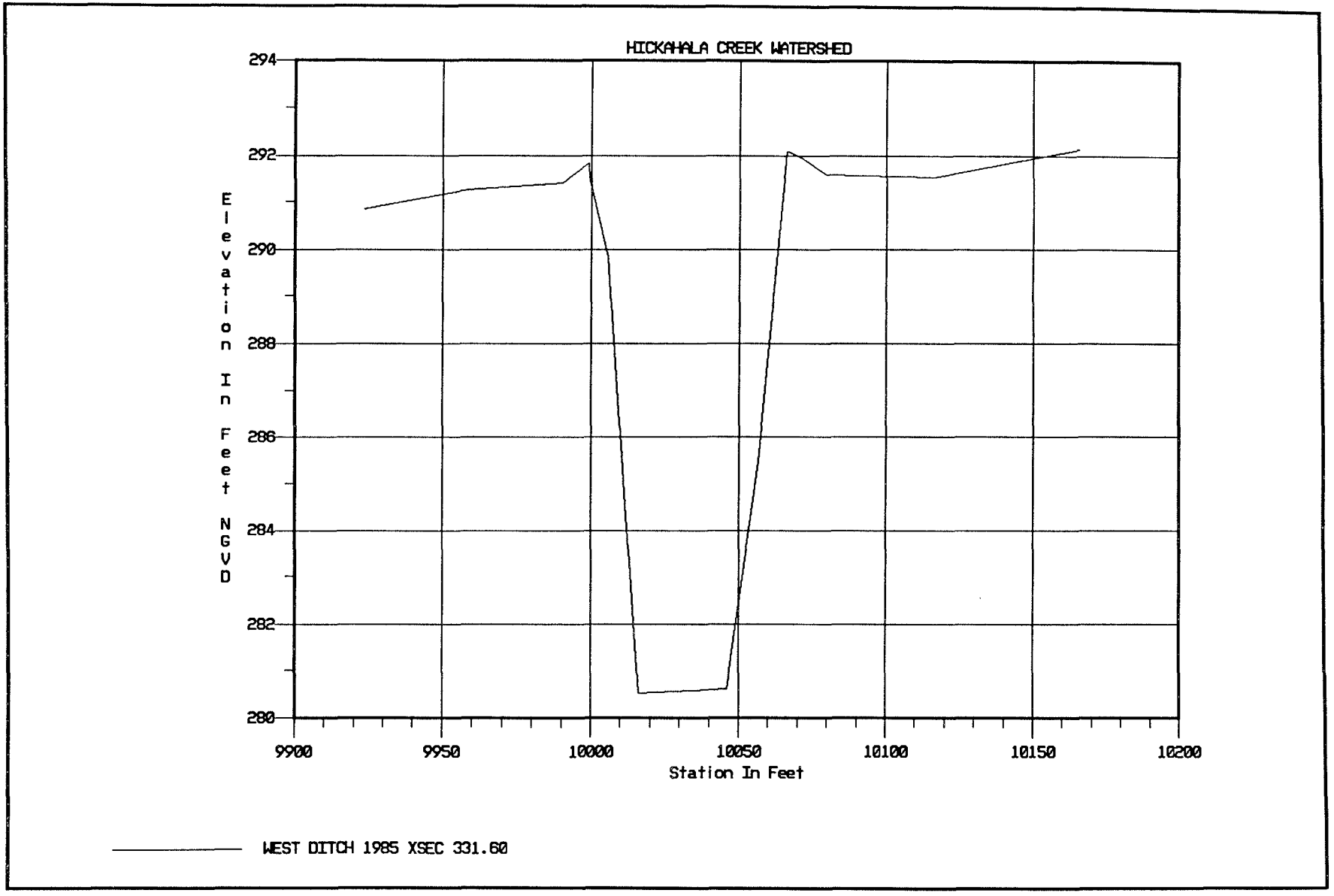

HICKAHALA CREEK WATERSHED
290
285
280
275
270
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
10200
Station In Feet
WEST DITCH 1985 XSEC 298.90

PLATE A213

PLATE A214


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

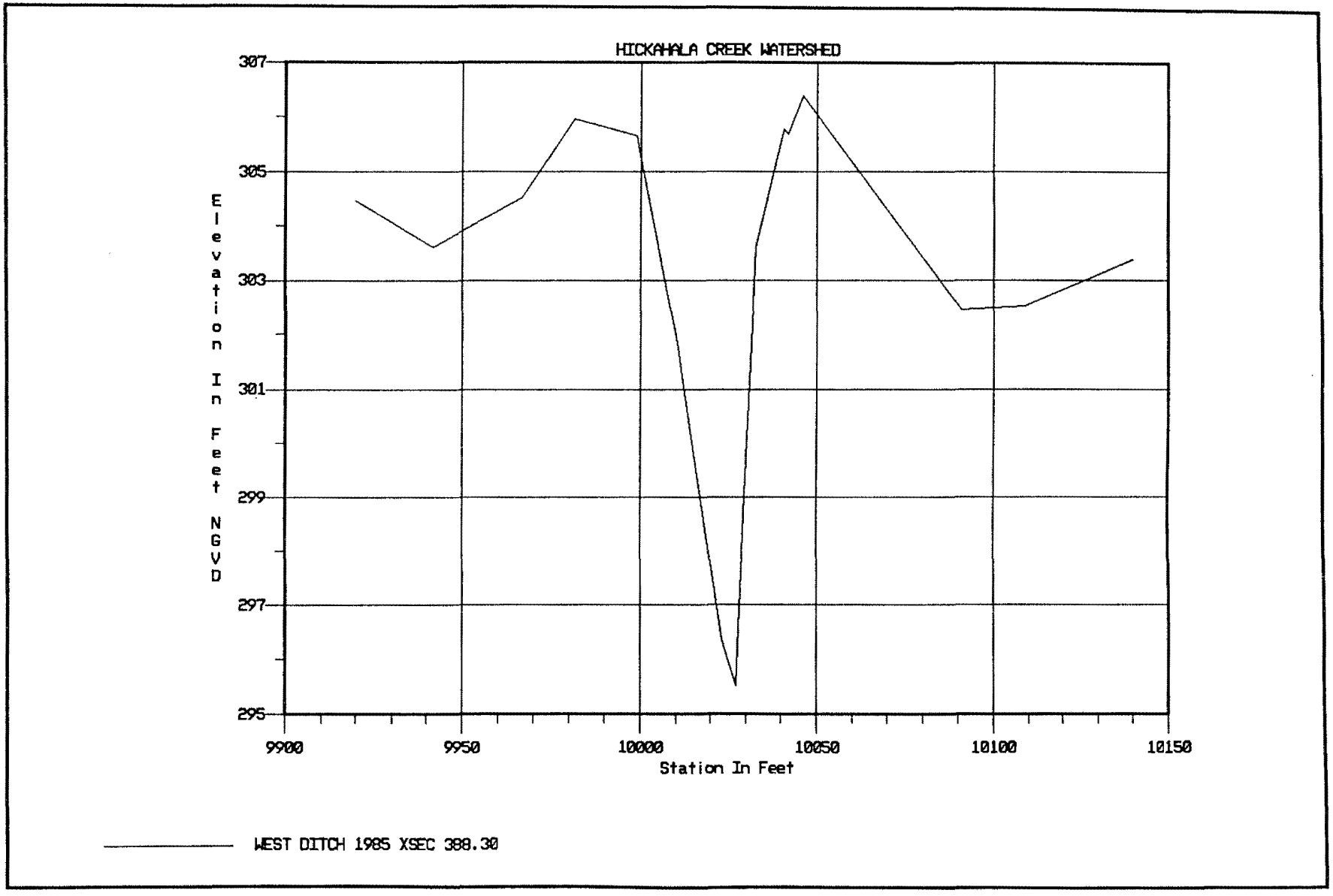

HICKAHALA CREEK WATERSHED
307
305
303
301
299
297
295
Elevation In Feet NGVD
9900
9950
10000
10050
10100
10150
Station In Feet
WEST DITCH 1985 XSEC 388.30

PLATE A215

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Terry N. Waller, Lisa C. Hubbard

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
U.S. Army Engineer Waterways Experiment Station
Hydraulics Laboratory
3909 Halls Ferry Road, Vicksburg, MS 39180-6199

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13. ABSTRACT *(Maximum 200 words)*

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.

14. SUBJECT TERMS
Channel Cross Sections
Channel Profiles
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Senatobia Creek

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