

Identification Information:

Citation:

Citation Information:

**Darren Townsend
Cooner & Associates**

Originator: Darren Townsend(ed.)
Publication Date: 20050518
Publication Time: Unknown
Title: S. F. W. M. D. Well AVON PR
Edition: 1
Series Information:
Publication Information:
Publication Place: Not published
Publisher: None
Online Linkage: darrent@cooner.com
Larger Work Citation:
Citation Information:
Series Information:
Publication Information:

Description:

Abstract:

South Florida Water Management District
Well AVON PR

Purpose

Purpose:

To establish NAVD 88 and NGVD 29 elevations on the wells reference marks from nearby, existing benchmarks.

Supplemental Information:

ACCOMPANYING DIGITAL FILES
AVON PR.GEN , CORPSMET95 FILE
AVON PR.DOC , BENCHMARK RECOVERY FORM
AVON PR.PDF , SCANNED COPIES OF FIELD NOTES,
VERTCON CALCULATIONS (IF APPLICABLE)
AND LEAST SQUARES ADJUSTMENT
AVON PR.PPT , POWER POINT FILES OF WELL SITE
PICTURES

Time Period of Content:

Time Period Information:

Survey Date

Single Date/Time:

Range of Dates/Times:

Beginning Date: 20050308

Ending Date: 20050311

Multiple Dates/Times:

Currentness Reference: Publication Date

Status:

Progress: Complete

Maintenance and Update Frequency: Unknown

Spatial Domain:

Bounding Coordinates:

West Bounding Coordinate: -081° 15' 54. 25"

East Bounding Coordinate: -081° 15' 54. 20"

North Bounding Coordinate: +27° 37' 52. 79"

South Bounding Coordinate: +27° 37' 52. 78"

Keywords:

Theme:

Theme Keyword Thesaurus: None

Theme Keyword: Record Survey

Theme Keyword: Well Site

Place:

Place Keyword Thesaurus: None

Place Keyword: SFWMD WELL AVON PR

Place Keyword: SEC. 7, TWP 33 S, RGE 31 E

Place Keyword: HIGHLANDS COUNTY, FL

Stratum:

Temporal:

Access Constraints: None

Use Constraints:

**Michael H.
Goodson USAF
Avon Park
Bombing Range**

Wells are located inside United States Air Force Avon Park Bombing Range. Access is restricted. Please contact Michael H. Goodson, Range Operations Technician at 863-452-4235.

The wells have keyed or combination locks.

AVON PR.gen

See point of contact for key or combination.
Point_of_Contact:

Elvie Ebanks

SFWMD

District

Contact_Information:

Contact_Person_Primary:

Contact_Person: Elvie D. Ebanks

Contact_Organization: South Florida Water Management

Contact_Organization_Primary:

Contact_Position: Professional Surveyor & Mapper

Contact_Address:

Address_Type: mailing and physical address

Address: 3301 Gun Club Road

City: West Palm Beach

State_or_Province: Florida

Postal_Code: 33406

Country: USA

Contact_Voice_Telephone: (561) 753-2400, Ext. 4717

Contact_Electronic_Mail_Address: eebanks@sfwmd.gov

Hours_of_Service: 8:00 am to 5:00 pm EST

Security_Information:

Cross_Reference:

Citation_Information:

Series_Information:

Publication_Information:

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

The horizontal location of the wells and benchmark was performed using differentially corrected TRIMBLE GPS PATHFINDER PRO XR receiver. The vertical data was collected using a LEICA NA3003 electronic digital level. Coordinates are based on the Florida State Plane Coordinate System, East Zone, NAD 83/99. Elevations are based on NAVD 88.

Equipment Used

Logical_Consistency_Report:

Horizontal data was established using differentially corrected GPS signals from U.S. Coast Guard Beacon at Cape Canaveral. Vertical data was established using existing NGS control points W115 and A116.

Completeness_Report:

Project Results

Horizontal location taken at approximate center of well.

Well Avon PR

Lat. +27° 37' 52.78"

Long. -081° 15' 54.25"

N 1198766.09'

E 570342.00'

Elevation taken on top of pipe extending above the well platform at the tip of a black arrow and black mark on the rim.

New leveled elevations.

133.61' (NAVD 88)

134.59' (NGVD 29) calculated using 0.98' offset value based on

difference between superseded survey control NAVD88 and NGVD29 elevation as posted on existing NGS data sheet benchmark W115.

134.60' (NGVD 29) calculated using 0.99' offset value based on

difference between superseded survey control NAVD88 and NGVD29 elevation as posted on existing NGS data sheet benchmark A116.

NEW SITE BENCHMARK

AVPK5 is a standard SFWMD aluminum

disk set in top of a class "C" concrete monument, flush with the ground. A magnet was set on the south side of the mark. To reach the mark from the intersection of US Highway 27 and State Road 64, travel northeasterly along State Road 64 for 9.5 miles to the Avon Park Bombing Range. Continue into the bombing range, following the

AVON PR.gen

main road for 1.5 miles to a fork. Take the right road (south trail) following it past the Airforce Headquarters and Avon Park Correctional Institute. After 2.3 miles, the road crosses a bridge and becomes Kissimmee Trail. Follow Kissimmee Trail for 6.6 miles to the mark on the right, inside a fenced well area. Mark is 22.4' south of an east-west running barbed wire fence and N 60° E a distance of 3.2' from a monitoring well. Mark is set flush with the ground.

Lat. +27° 37' 52.79"

Long. -081° 15' 54.20"

N 1198767.09'

E 570346.37'

New leveled elevations.

130.07' (NAVD 88)

131.05' (NGVD 29) calculated using 0.98' offset value based on

difference between superseded survey control NAVD88 and NGVD29 elevation as posted on existing NGS data sheet benchmark W115.

131.06' (NGVD 29) calculated using 0.99' offset value based on

difference between superseded survey control NAVD88 and NGVD29 elevation as posted on existing NGS data sheet benchmark A116.

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

Horizontal

The horizontal positions of the well and benchmark AVPK5 were established with differentially corrected GPS signals from U.S. Coast Guard Beacon at Cape Canaveral.

Quantitative_Horizontal_Positional_Accuracy_Assessment:

Horizontal_Positional_Accuracy_Value: sub meter

Horizontal_Positional_Accuracy_Explanation: The intended

positional accuracy for this survey is sub meter.

Vertical_Positional_Accuracy:

Vertical_Positional_Accuracy_Report:

Level Line

A level line was run originating on NGS benchmark W115 with an NAVD 88 elevation and running through new site benchmark AVPK5 and terminating on NGS benchmark A116 in accordance with Florida Minimum Technical Standards (Chapter 61G17-6). The well platform was then elevated by a level line originating on new site benchmark AVPK5 with an newly established NAVD 88 elevation running through mark on well platform and terminating on new site benchmark AVPK5 in accordance with Florida Minimum Technical Standards (Chapter 61G17-6).

Quantitative_Vertical_Positional_Accuracy_Assessment:

Vertical_Positional_Accuracy_Value: 0.015 ft

Vertical_Positional_Accuracy_Explanation: NAVD 88 level

run, 0.015ft closure in 87691.6 ft, max. allowed 0.122 ft (MTS)

Quantitative_Vertical_Positional_Accuracy_Assessment:

Vertical_Positional_Accuracy_Value: 0.001 ft

Vertical_Positional_Accuracy_Explanation: NAVD 88 level

run, 0.001 ft closure in 79.5 ft, max. allowed 0.004 ft (MTS)

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Series_Information:

Publication_Information:

Larger_Work_Citation:

Citation_Information:

Series_Information:

Publication_Information:

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Range_of_Dates/Times:

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Multipl e_Dates/Ti mes:

Process_Step:

Process_Descri ption:

The hori zontal work was performed using a Trimble GPS
Pathfinder Pro XR receiver using U. S. Coast Guard
beacon at Cape Canaveral. The level line was performed
using a Leica NA3003 electronic digital level.

Process_Date: 20050328

Process_Contact:

Contact_I nformati on:

Contact_Person_Pri mary:

Contact_Organi zati on_Pri mary:

Contact_Address:

Spati al _Data_Organi zati on_I nformati on:

Spati al _Reference_I nformati on:

Hori zontal _Coordi nate_System_Defi ni ti on:

Geographi c:

Pl anar:

Map_Proj ecti on:

Al bers_Coni cal _Equal _Area:

Azi muthal _Equi di stant:

Equi di stant_Coni c:

Equi rectangul ar:

General _Verti cal _Near-si ded_Perspecti ve:

Gnomoni c:

Lambert_Azi muthal _Equal _Area:

Lambert_Conformal _Coni c:

Mercator:

Modi fi ed_Stereographi c_for_Al aska:

Mi l l er_Cyl i ndri cal :

Obl i que_Mercator:

Obl i que_Li ne_Poi nt:

Orthographi c:

Pol ar_Stereographi c:

Pol yconi c:

Robi nson:

Si nusoi dal :

van_der_Gri nten:

Space_Obl i que_Mercator_(Landsat):

Stereographi c:

Transverse_Mercator:

van_der_Gri nten:

Gri d_Coordi nate_System:

Uni versal _Transverse_Mercator:

Transverse_Mercator:

Uni versal _Pol ar_Stereographi c:

Pol ar_Stereographi c:

State_Pl ane_Coordi nate_System:

Lambert_Conformal _Coni c:

Transverse_Mercator:

Obl i que_Mercator:

Obl i que_Li ne_Poi nt:

Pol yconi c:

ARC_Coordi nate_System:

Equi rectangul ar:

Azi muthal _Equi di stant:

Local _Pl anar:

Pl anar_Coordi nate_I nformati on:

Coordi nate_Representati on:

Di stance_and_Beari ng_Representati on:

Local :

Geodeti c_Model :

Hori zontal _Datum_Name: North American Datum of 1983

El l i psoid_Name: Geodeti c Reference System 80

Verti cal _Coordi nate_System_Defi ni ti on:

Al ti tude_System_Defi ni ti on:

Depth_System_Defi ni ti on:

Enti ty_and_Attri bute_I nformati on:

Detai led_Descri ption:

Enti ty_Type:

AVON PR. gen

Attribute:

Attribute_Domain_Values:
Attribute_Value_Accuracy_Information:

Overview_Description:

Distribution_Information:

Distributor:

Contact_Information:

Contact_Person_Primary:
Contact_Organization_Primary:
Contact_Address:

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:
Digital_Transfer_Option:
Online_Option:

Computer_Contact_Information:
Network_Address:
Digital_Instructions:

Offline_Option:

Recording_Capacity:

Available_Time_Period:

Time_Period_Information:

Single_Date/Time:
Range_of_Dates/Times:
Multiple_Dates/Times:

Metadata_Reference_Information:

Metadata_Date: 20050518

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:
Contact_Person: Darren Townsend
Contact_Organization: Cooner & Associates, Inc.

Contact_Organization_Primary:
Contact_Position: Project Surveyor
Contact_Address:

Address_Type: mailing and physical address
Address: 5670 Zip Drive
City: Fort Myers
State_or_Province: Florida
Postal_Code: 33905
Country: USA

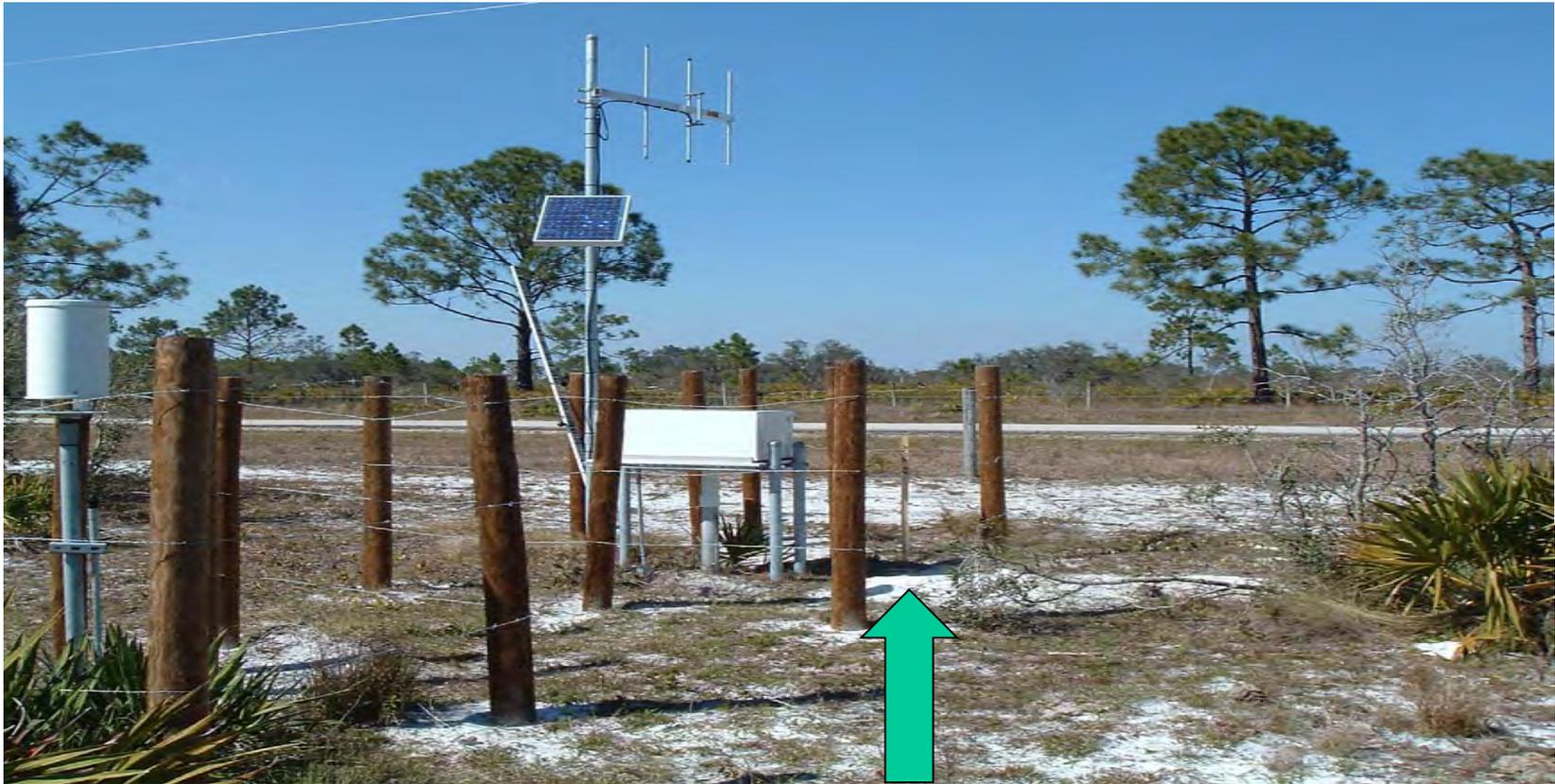
Contact_Voice_Telephone: (239) 277-0722
Contact_Facsimile_Telephone: (239) 277-7179
Contact_Electronic_Mail_Address: darrent@cooner.com
Hours_of_Service: 8:00 am to 5:00 pm EST

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: 19980601

Metadata_Security_Information:

AVON PR



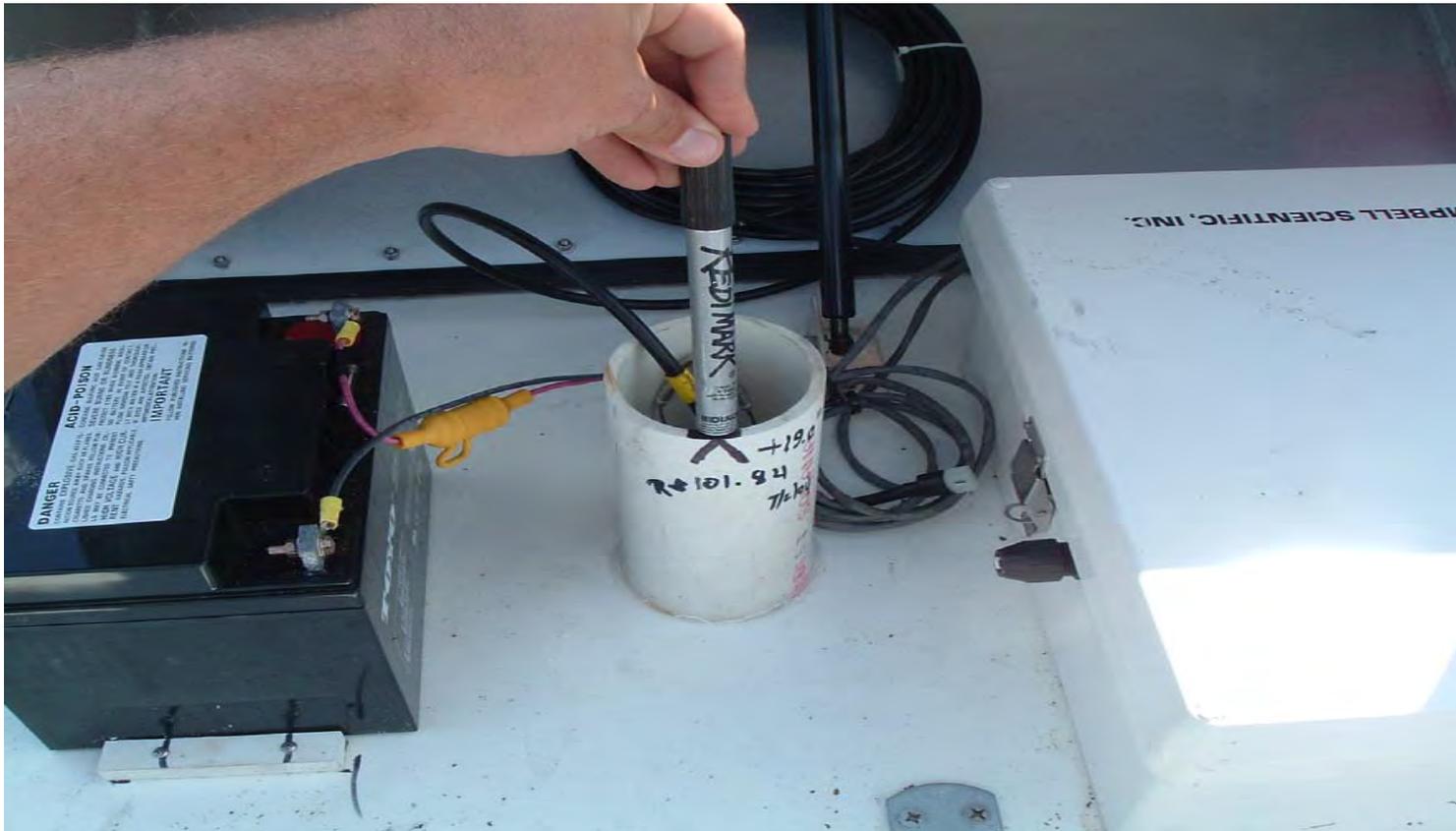
- COONER & ASSOCIATES, INC.
- Date of photo: February 28, 2005
- View: Looking North at BM AVPK5

AVON PR



- COONER & ASSOCIATES, INC.
- Date of photo: February 28, 2005
- View: Looking at top view of BM AVPK5

AVON PR



- COONER & ASSOCIATES, INC.
- Date of photo: February 28, 2005
- View: Looking at Elevation mark on well

AVON PR



- COONER & ASSOCIATES, INC.
- Date of photo: February 28, 2005
 - View: Looking North at well

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SFWMD

Avon PR

Benchmark Recovery Notes

W115 1945 - Mark Recovered In Good Condition

Mark Is In East End Of South Headwall
Of A Culvert Running Under State Road 64

A116 1945 - Mark Recovered In Good Condition

Mark Is In Southwest Corner Of Concrete
Apron Of Junkyard

3/31/05

F886

P628

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SFWMD
Aven PR

A-Well

N: 1198766.09'

E: 570342.00'

~~EX~~B-Set 2" Aluminum Disk In ~12" Poured Concrete Monument
"SO. FLA. WATER MANAGEMENT DIST. BM AVPK5"

N: 1198767.09'

E: 570346.37'

~~EX~~

FL STATE PLANE, EAST ZONE

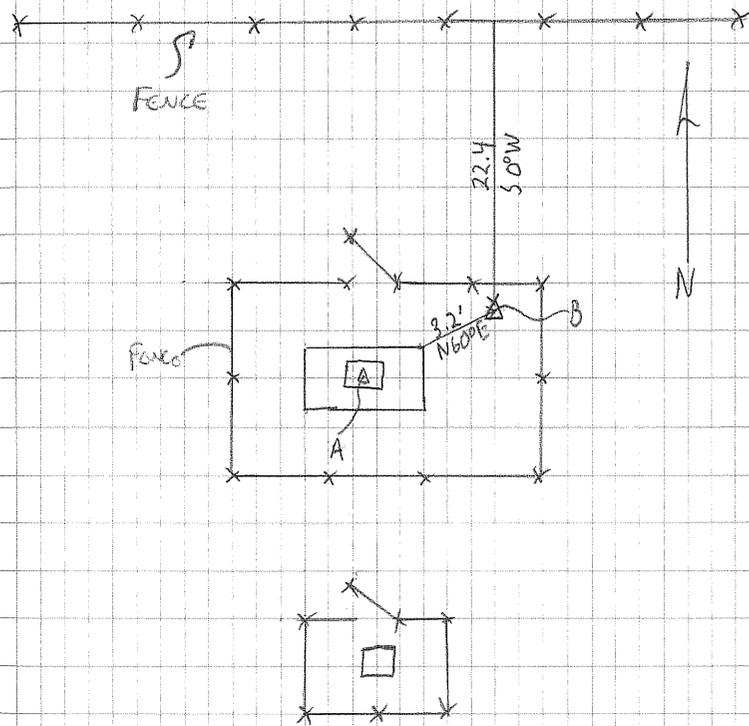
3/8/05

FB86

P629

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Kissimmee Road



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SFWMQ
Avon RR

3/8/05

FB86

PG30

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+	HI	-	EL	ADJ. EL	Pt #	Description
6.775			82.38	POSTED	200	Found 4" Bronze Disk In East End of South Headwall of Culvert Running Under CR 64.
	89.155					"US COAST AND GEODETIC SURVEY W115 M115 1945"
5.233		5.488	83.667		1	TP
	88.900					
4.464		5.821	83.079		2	TP
	87.543					
3.592		6.600	80.943		3	TP
	84.535					
3.972		5.970	78.565		4	TP
	82.537					
4.481		6.194	76.343		5	TP
	80.824					
4.421		6.630	74.194		6	TP
	78.615					
3.560		6.394	72.221		7	TP
	75.781					
2.341		7.895	67.886		8	TP
	70.227					
3.021		9.231	60.996		9	TP
	64.017					
4.234		5.180	58.837	58.84'	Z10	Set 5/8" Iron Rod and Cap "CONT PT LB 6773"
	63.071					

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SFwMO

Aven PR

HI=63.071

+	HI	-	EL	Adj EL	PT #
3.582		3.611	59.460		11
	63.042				
4.417		3.907	59.135		12
	63.552				
7.777		3.623	59.929		13
	67.706				
4.053		10.457	57.249		14
	61.302				
4.103		4.380	56.922		15
	61.025				
4.192		4.005	57.020		16
	61.212				
5.394		4.347	56.865		17
	62.259				
5.930		4.455	57.804		18
	63.734				
4.543		4.270 4.269	59.464		19
	64.007				
3.368		4.752 4.745	59.255		20
	62.623				
5.194		3.785	58.838		21
	64.032				

3/18/05

FB86

PG31

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Description

TP

020801.03

SFWMO

Avon PR

HI-66.322

+	HI	-	EL	Adj:EL	PT [#]
5.258	67.718	3.862	62.460		33
5.224	68.501	4.441	63.277		34
5.522	69.371	4.652	63.849		35
4.667	68.539	5.499	63.872		36
3.993	67.201	5.331	63.208		37
3.381	64.736	5.846	61.355		38
4.023	63.149	5.610	59.126		39
5.067	63.494	4.722	58.427		40
4.443	62.642	5.295	58.199		41
5.640	63.957	4.375	58.267		42
5.561	64.564	4.954	59.003		43

3/8/05

FB86

P633

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Description

TP

020801.03

SFWMO

AvonPR

HI = 64.564

+ HI

5.469
~~5.470~~

4.624

59.940

Adj EL

PT#

44

65409

6.008

4.510

60.899

45

66.907

4.830

62.077

62.08'

~~46~~
246

318105

FB86

P634

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Description

TP

TP

Set 5/8" Iron Rod and Cap "CONT PT-LB6773"

020801.03

SFWRD

Avon PR

+	HI	-	EL	Adj EL	PT [#]
5.463			62.077	62.08'	46 246
	67.540				
5.719		4.944	62.596		47
	68.315				
5.176		4.717	63.598		48
	68.774				
6.047		5.845	62.929		49
	68.976				
5.230		5.354	63.622		50
	68.852				
5.626		5.064	63.788		51
	69.414				
5.397		5.131	64.283		52
	69.680				
5.473		5.124	64.556		53
	70.029				
4.914		5.229	64.800		54
	69.714		63.830		
5.449		5.884	65		55
	69.279				
5.046		4.827	64.452		56
	69.498				

3/9/05

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Description

Set 5/8" Iron Rod and Cap "CONT PT. LB 6773"

TP

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SEWMO

Avon PR

HI=69.498

+	HI	-	EL	Adj EL	PT#
5.626	69.878	5.246	64.252		57
5.421	69.897	5.402	64.476		58
5.433	69.790	5.540	64.357		59
5.003	69.513	5.280	64.510		60
5.381	68.672	6.222	63.291		61
5.822	68.673	5.821	62.851		62
5.245	68.453	5.465	63.208		63
5.273	68.285	5.441	63.012		64
		5.321	62.964		65

3/9/05

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Description

TP

TP

TP

TP

TP

TP

TP

TP

TP

020801.03

SFwmd
Avon PR

+	HI	-	EL	Adj. EL	PT#
5.493	68.457		62.964		65
5.599	68.715	5.341	63.116		66
5.427	68.678	5.464	63.251		67
5.473	68.825	5.326	63.352		68
5.329	68.458	5.696	63.129		69
5.597	68.139	5.916	62.542		70
5.157	68.001	5.295	62.844		71
5.799	68.101	5.699	62.302		72
5.905	68.417	5.589	62.512		73
4.822	67.595	5.644	62.773		74
4.385	67.153	4.827	62.768		75

3/10/05

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Description

TP

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SFwMO

Avon PR

HI=67.153

↑	HI	-	EL	Adj EL	PT#
5.308	67.547	4.914	62.239		76
5.068	67.467	5.148	62.399		77
5.847	67.760	5.554	61.913		78
5.100	67.658	5.202	62.558		79
5.051	67.430	5.279	62.379		80
4.504	67.046	4.888	62.542		81
4.262	66.173	5.135	61.911		82
5.532	65.747	5.958	60.215		83
5.541	66.208	5.080	60.667		84
5.852	67.989	4.071	62.137		85
7.149 7.150		4.093	63.896		86
	71.045				

3/10/05

FB 86

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Description

TP

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SFWMO

Avon PR

HI=71.045

+	HI	-	EL	AdjEL	PT#
6.096	73.252	3.889	67.156		87
5.863	74.555	4.560	68.692		88
6.101	75.953	4.703	69.852		89
6.197	77.330	4.820	71.133		90
6.145	78.981	4.494	72.836		91
5.936	80.033	4.884	74.097		92
6.594	82.186	4.441	75.592		93
7.187	85.975	3.398	78.788		94
9.105	92.711	2.369	83.606		95
8.258	99.439	1.530	91.181		96
8.054	105.778	1.715	97.724		97

3/10/05

FB 86

PG 39

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Description

TP

020801.03

SFWMP
Avon PR

HI=105778

+	HI	-	EL	Adj EL	PT#
9.945		3.322	102.456		98
	112.401				
9.895		1.482	110.919		99
	120.814				
8.670		2.530	118.284		100
	126.954				
7.848		2.716	124.238		101
	132.086				
6.872		3.841	128.245		102
	135.117				
5.004		4.243	131.874		103
	135.878				
5.602		5.819	130.059	130.07'	104 304
	135.661				
4.022		5.320	130.341		105
	134.363				
3.266		6.193	128.170		106
	131.436				
1.992		6.818	124.618		107
	126.610				
1.646		7.880	118.730		108
	120.376				

3/10/05

FB86

PG 40

Egerton
Collins

Description

TP

TP

TP

TP

TP

TP

Set 2" Aluminum Disk In 12" Poured Concrete Monument
"SO. FLA. WATER MANAGMENT DIST. BM AVPK5"

TP

TP

TP

TP

020801.03

SFWMO

Avon PR

HI = 120.376

+	HI	-	EL	Adj EL	PT#
1.933		10.147	110.229		109
	112.162				
1.764		9.412	102.750		110
	104.514				
1.738		11.177	93.337		111
	95.075				
		9.701	85.374	85.38'	HI 312

3/10/05

FB86

PG41

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Description

TP

TP

TP

Set 5/8" Iron Rod and Cap "CONT PT LB 6773"

020801.03		SFWMD			
		Avon PR			
+	HI	-	EL	Adj EL	PT#
1.966			85.374	85.38'	HZ 312
	87.340				
4.504		8.035	79.305		113
	83.809				
3.838		6.653	77.156		114
	80.994				
4.809		6.255	74.739		115
	79.548				
4.249		5.318	74.230		116
	78.479				
4.322		5.985	72.494		117
	76.816				
4.442		5.976	70.840		118
	75.282				
4.659		5.956	69.326		119
	73.985				
4.123		6.268	67.717		120
	71.840				
7.195		6.988	64.852		121
	69.047				
4.644		6.412	62.635		122
	67.279				

3/11/05

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Description

Set 5/8" Iron Rod and Cap "CONT PT LB6773"

TP

020901-03

SFwmo
Avon PR

HI=67.279

+	HI	-	EL	Adj EL	PT#
5.184		6.863	60.416	50.418	123
	65.600				
6.078		5.942	59.658		124
	65.736				
6.296		4.805	60.931		125
	67.227				
5.975		5.455	61.772		126
	67.747				
5.753		5.771	61.976		127
	67.729				
5.750		5.523	62.206		128
	67.956				
5.124		5.665	62.291		129
	67.415				
5.681		5.158	62.257		130
	67.938				
5.330		5.650	62.288		131
	67.618				
5.350		5.508	62.110		132
	67.460				
5.559		4.711	62.749		133
	68.308				

3/11/05

FB&6

Pg 43

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Description

TP

020801.03

SFVMD

Avon PR

HI=68,308

+	HI	-	EL	Adj EL	PT#
4.610	67.664	5.254	63.054		134
5.025	67.950	4.739	62.925		135
5.220	68.577	4.593	63.357		136
5.413	68.889	5.101	63.476		137
5.058	68.894	5.053	63.836		138
4.993	68.437	5.450	63.444		139
5.198	68.422	5.213	63.224		140
5.367	68.514	5.275	63.147		141
5.299 5.501	68.353	5.460	63.054		142
5.298	68.745	4.906	63.447		143
5.986	69.342	5.389	63.356		144

3/11/05

FB86

PG 44

Etgeton
Collins

Description

TP

020801.03

SFVWMO
Avon PR

HI=69.342

+	HI	-	EL	Adj EL	PT ^m
5.471	69.806	5.007	64.335		145
5.796	69.909	5.693	64.113		146
5.398	69.973	5.334	64.575		147
5.103	69.576	5.500	64.473		148
4.905	69.189	5.292	64.284		149
5.611	69.833	4.967	64.222		150
5.204	69.916	5.121	64.712		151
4.762	69.428	5.250	64.666		152
4.939	69.228	5.139	64.289		153
4.759	68.544	5.443	63.785		154
4.604	68.268	4.880	63.664		155

3/11/05

FB86

pg 45

Etgeton
Collins

Description

TP

020801.03	SFWMO				
	Aven PR				
HI = 68.268					
+	HI	-	EL	Adj EL	PT#
5.596	68.859	5.005	63.263		156
4.459	67.932	5.386	63.473		157
4.932	67.482	5.382	62.550		158
4.279	66.085	5.676	61.806		159
4.856	65.050	5.891	60.194		160
5.060	64.697	5.413	59.637		161
4.479	63.511	5.665	59.032		162
5.528	63.348	5.691	57.820		163
5.716	63.696	5.368	57.980		164
6.139	64.762	5.073	58.623		165
					366
		3.557	61.205	61.22'	166
			(61.22 Posted)		

3/11/05

FB86

PG 46

Etgeton
Collins

Description

TP

Found 4" Iron Disk In South west Corner of Concrete
Apron " U.S. C & GS BM A116 1945 "

020801.03

SFWMD

Avon PR (Well Elevation)

+	HI	-	EL	ADJ EL	PT#
5.060			130.07'		304
	135.30'				
1.731		1.516	133.614'		401
	135.345	5.276	130.069'		304
			(130.07 Posted)		

LEVEL LINE CHECK FOR PAGES 30-46:

$$\text{LINE LENGTH} = 87691.6'$$

$$\begin{aligned} \text{ALLOWABLE MISCLOSURE} &= .03 \sqrt{87691.6/5280} \\ &= +/- 0.122' \end{aligned}$$

$$\text{ACTUAL MISCLOSURE} = -0.015'$$

3/11/05

FB86

0647

Egerton
Collins

Description

Set 2" Aluminium Disk In ~12" Paired Concrete Monument

Elevated Top of Pipe At Mark

Check In To Start Point

LEVEL LINE CHECK FOR PR PIPE ELEVATION:

$$\text{LINE LENGTH} = 79.5'$$

$$\begin{aligned} \text{ALLOWABLE MISCLOSURE} &: 0.03 \sqrt{79.5/5280} \\ &= +/- 0.004' \end{aligned}$$

$$\text{ACTUAL MISCLOSURE} = -0.001$$

AVONPR . RAW

410030+?. 1
110031+00000200 83..11+00082380
110032+00000200 32..01+00293220 331107+00067750 52..07+0003+005
110033+00000001 32..01+00287880 332107+00054884 52..07+0003+007
110034+00000001 573..1+00005340 574..1+00581100 83..01+00083667
110035+00000001 32..01+00291170 331107+00052328 52..07+0003+012
110036+00000002 32..01+00279320 332107+00058207 52..07+0003+010
110037+00000002 573..1+00017180 574..1+01151590 83..01+00083079
110038+00000002 32..01+00188960 331107+00044642 52..07+0003+013
110039+00000003 32..01+00270270 332107+00065997 52..07+0003+006
110040+00000003 573..1-00064130 574..1+01610830 83..01+00080943
110041+00000003 32..01+00198430 331107+00035924 52..07+0003+016
110042+00000004 32..01+00199380 332107+00059696 52..07+0003+006
110043+00000004 573..1-00065070 574..1+02008640 83..01+00078566
110044+00000004 32..01+00228170 331107+00039717 52..07+0003+002
110045+00000005 32..01+00184480 332107+00061940 52..07+0003+000
110046+00000005 573..1-00021390 574..1+02421290 83..01+00076344
110047+00000005 32..01+00193940 331107+00044815 52..07+0003+014
110048+00000006 32..01+00198400 332107+00066303 52..07+0003+002
110049+00000006 573..1-00025840 574..1+02813630 83..01+00074195
110050+00000006 32..01+00200320 331107+00044211 52..07+0003+009
110051+00000007 32..01+00200550 332107+00063935 52..07+0003+007
110052+00000007 573..1-00026070 574..1+03214500 83..01+00072223
110053+00000007 32..01+00199430 331107+00035596 52..07+0003+009
110054+00000008 32..01+00219410 332107+00078954 52..07+0003+009
110055+00000008 573..1-00046040 574..1+03633340 83..01+00067887
110056+00000008 32..01+00197820 331107+00023407 52..07+0003+007
110057+00000009 32..01+00230540 332107+00092313 52..07+0003+010
110058+00000009 573..1-00078760 574..1+04061700 83..01+00060996
110059+00000009 32..01+00220670 331107+00030212 52..07+0003+008
110060+00000210 32..01+00191620 332107+00051799 52..07+0003+030
110061+00000210 573..1-00049720 574..1+04474000 83..01+00058837
110062+00000210 32..01+00291730 331107+00042342 52..07+0003+019
110063+00000011 32..01+00274620 332107+00036109 52..07+0003+006
110064+00000011 573..1-00032600 574..1+05040360 83..01+00059461
110065+00000011 32..01+00276720 331107+00035816 52..07+0003+017
110066+00000012 32..01+00250160 332107+00039073 52..07+0003+028
110067+00000012 573..1-00006040 574..1+05567250 83..01+00059135
110068+00000012 32..01+00185860 331107+00044169 52..07+0003+005
110069+00000013 32..01+00199820 332107+00036229 52..07+0003+022
110070+00000013 573..1-00019990 574..1+05952930 83..01+00059929
110071+00000013 32..01+00279750 331107+00077771 52..07+0003+006
110072+00000014 32..01+00246590 332107+00104566 52..07+0003+005
110073+00000014 573..1+00013170 574..1+06479270 83..01+00057249
110074+00000014 32..01+00281840 331107+00040528 52..07+0003+039
110075+00000015 32..01+00276650 332107+00043803 52..07+0003+036
110076+00000015 573..1+00018360 574..1+07037760 83..01+00056922
110077+00000015 32..01+00303960 331107+00041028 52..07+0003+005
110078+00000016 32..01+00247510 332107+00040055 52..07+0003+027
110079+00000016 573..1+00074810 574..1+07589240 83..01+00057019
110080+00000016 32..01+00269090 331107+00041918 52..07+0003+014
110081+00000017 32..01+00287180 332107+00043474 52..07+0003+005
110082+00000017 573..1+00056710 574..1+08145510 83..01+00056864
110083+00000017 32..01+00309280 331107+00053944 52..07+0003+007
110084+00000018 32..01+00251290 332107+00044548 52..07+0003+014
110085+00000018 573..1+00114700 574..1+08706080 83..01+00057803
110086+00000018 32..01+00298830 331107+00059300 52..07+0003+008
110087+00000019 32..01+00262740 332107+00042699 52..07+0003+020
110088+00000019 573..1+00150790 574..1+09267650 83..01+00059463
110089+00000019 32..01+00290180 331107+00045427 52..07+0003+021
110090+00000020 32..01+00281200 332107+00047519 52..07+0003+120
110091+00000020 573..1+00159760 574..1+09839030 83..01+00059254
110092+00000020 32..01+00303430 331107+00033677 52..07+0003+041
110093+00000021 32..01+00288210 332107+00037848 52..07+0003+075
110094+00000021 573..1+00174980 574..1+10430680 83..01+00058837
110095+00000021 32..01+00319100 331107+00051881 52..07+0003+092
410096+! 331

AVONPR . RAW

110097+00000021 32..01+00319170 331107+00051939 52..07+0003+012
 110098+00000022 32..01+00277470 332107+00044626 52..07+0003+021
 110099+00000022 573..1+00216680 574..1+11027310 83..01+00059568
 110100+00000022 32..01+00296450 331107+00052508 52..07+0003+026
 110101+00000023 32..01+00267230 332107+00047947 52..07+0003+014
 110102+00000023 573..1+00245910 574..1+11591000 83..01+00060024
 110103+00000023 32..01+00287820 331107+00064605 52..07+0003+040
 410104+!....331
 110105+00000023 32..01+00287910 331107+00064620 52..07+0003+020
 110106+00000024 32..01+00275380 332107+00040748 52..07+0003+034
 110107+00000024 573..1+00258440 574..1+12154290 83..01+00062412
 110108+00000024 32..01+00287300 331107+00050834 52..07+0003+007
 110109+00000025 32..01+00243450 332107+00049179 52..07+0003+023
 110110+00000025 573..1+00302290 574..1+12685030 83..01+00062577
 110111+00000025 32..01+00285650 331107+00037660 52..07+0003+008
 110112+00000026 32..01+00271070 332107+00058702 52..07+0003+034
 110113+00000026 573..1+00316870 574..1+13241750 83..01+00060473
 110114+00000026 32..01+00286900 331107+00038707 52..07+0003+018
 110115+00000027 32..01+00247910 332107+00060412 52..07+0003+008
 110116+00000027 573..1+00355860 574..1+13776570 83..01+00058302
 110117+00000027 32..01+00257280 331107+00041057 52..07+0003+010
 110118+00000028 32..01+00277760 332107+00049822 52..07+0003+026
 110119+00000028 573..1+00335370 574..1+14311610 83..01+00057426
 110120+00000028 32..01+00297320 331107+00037008 52..07+0003+019
 110121+00000029 32..01+00295590 332107+00040601 52..07+0003+015
 110122+00000029 573..1+00337100 574..1+14904520 83..01+00057067
 110123+00000029 32..01+00292470 331107+00062404 52..07+0003+024
 110124+00000030 32..01+00285850 332107+00040562 52..07+0003+019
 110125+00000030 573..1+00343720 574..1+15482840 83..01+00059251
 110126+00000030 32..01+00281150 331107+00050446 52..07+0003+018
 110127+00000031 32..01+00290550 332107+00053780 52..07+0003+012
 110128+00000031 573..1+00334330 574..1+16054540 83..01+00058917
 110129+00000031 32..01+00299880 331107+00056168 52..07+0003+014
 110130+00000032 32..01+00257800 332107+00039546 52..07+0003+022
 110131+00000032 573..1+00376410 574..1+16612220 83..01+00060580
 110132+00000032 32..01+00286870 331107+00057409 52..07+0003+002
 110133+00000033 32..01+00263110 332107+00038625 52..07+0003+011
 110134+00000033 573..1+00400170 574..1+17162200 83..01+00062458
 110135+00000033 32..01+00289200 331107+00052583 52..07+0003+023
 110136+00000034 32..01+00279630 332107+00044405 52..07+0003+006
 110137+00000034 573..1+00409740 574..1+17731030 83..01+00063276
 110138+00000034 32..01+00281660 331107+00052241 52..07+0003+004
 110139+00000035 32..01+00275980 332107+00046521 52..07+0003+037
 110140+00000035 573..1+00415430 574..1+18288670 83..01+00063848
 110141+00000035 32..01+00291610 331107+00055218 52..07+0003+011
 110142+00000036 32..01+00264420 332107+00054993 52..07+0003+012
 110143+00000036 573..1+00442620 574..1+18844690 83..01+00063870
 110144+00000036 32..01+00282590 331107+00046673 52..07+0003+012
 110145+00000037 32..01+00255250 332107+00053305 52..07+0003+007
 110146+00000037 573..1+00469970 574..1+19382540 83..01+00063207
 110147+00000037 32..01+00305450 331107+00039930 52..07+0003+007
 110148+00000038 32..01+00298220 332107+00058460 52..07+0003+008
 110149+00000038 573..1+00477190 574..1+19986210 83..01+00061354
 110150+00000038 32..01+00315010 331107+00033806 52..07+0003+015
 110151+00000039 32..01+00286110 332107+00056100 52..07+0003+029
 110152+00000039 573..1+00506090 574..1+20587330 83..01+00059125
 110153+00000039 32..01+00286570 331107+00040229 52..07+0003+042
 110154+00000040 32..01+00303940 332107+00047223 52..07+0003+045
 110155+00000040 573..1+00488720 574..1+21177840 83..01+00058425
 110156+00000040 32..01+00300460 331107+00050669 52..07+0003+003
 110157+00000041 32..01+00286630 332107+00052948 52..07+0003+005
 110158+00000041 573..1+00502550 574..1+21764930 83..01+00058197
 110159+00000041 32..01+00279720 331107+00044433 52..07+0003+022
 110160+00000042 32..01+00263780 332107+00043751 52..07+0003+009
 110161+00000042 573..1+00518490 574..1+22308430 83..01+00058266
 110162+00000042 32..01+00253180 331107+00056904 52..07+0003+033
 110163+00000043 32..01+00276850 332107+00049542 52..07+0003+007

AVONPR.RAW

110164+00000043	573..1+00494810	574..1+22838460	83..01+00059002
110165+00000043	32..01+00333810	331107+00055613	52..07+0003+020
110166+00000044	32..01+00310700	332107+00046237	52..07+0003+017
110167+00000044	573..1+00517920	574..1+23482970	83..01+00059939
110168+00000044	32..01+00294560	331107+00054694	52..07+0003+034
110169+00000045	32..01+00272720	332107+00045099	52..07+0003+016
110170+00000045	573..1+00539760	574..1+24050250	83..01+00060899
110171+00000045	32..01+00264770	331107+00060077	52..07+0003+065
110172+00000246	32..01+00199300	332107+00048302	52..07+0003+013
110173+00000246	573..1+00605230	574..1+24514310	83..01+00062076
110174+00000246	32..01+00260570	331107+00054628	52..07+0003+004
110175+00000047	32..01+00290560	332107+00049438	52..07+0003+007
110176+00000047	573..1+00575240	574..1+25065450	83..01+00062595
110177+00000047	32..01+00283850	331107+00057190	52..07+0003+003
110178+00000048	32..01+00284440	332107+00047171	52..07+0003+009
110179+00000048	573..1+00574650	574..1+25633730	83..01+00063597
110180+00000048	32..01+00282310	331107+00051759	52..07+0003+010
110181+00000049	32..01+00280030	332107+00058446	52..07+0003+003
110182+00000049	573..1+00576930	574..1+26196070	83..01+00062929
110183+00000049	32..01+00287020	331107+00060469	52..07+0003+006
110184+00000050	32..01+00257100	332107+00053536	52..07+0003+008
110185+00000050	573..1+00606840	574..1+26740190	83..01+00063622
110186+00000050	32..01+00207050	331107+00052302	52..07+0003+001
110187+00000051	32..01+00258720	332107+00050642	52..07+0003+009
110188+00000051	573..1+00555180	574..1+27205960	83..01+00063788
110189+00000051	32..01+00285550	331107+00056259	52..07+0003+007
110190+00000052	32..01+00258690	332107+00051313	52..07+0003+013
110191+00000052	573..1+00582040	574..1+27750200	83..01+00064283
110192+00000052	32..01+00292180	331107+00053974	52..07+0003+004
110193+00000053	32..01+00268130	332107+00051238	52..07+0003+003
110194+00000053	573..1+00606090	574..1+28310500	83..01+00064556
110195+00000053	32..01+00311160	331107+00054730	52..07+0003+006
110196+00000054	32..01+00288060	332107+00052293	52..07+0003+004
110197+00000054	573..1+00629190	574..1+28909720	83..01+00064800
110198+00000054	32..01+00300980	331107+00049140	52..07+0003+004
110199+00000055	32..01+00289410	332107+00058845	52..07+0003+008
110200+00000055	573..1+00640760	574..1+29500100	83..01+00063829
110201+00000055	32..01+00286420	331107+00054490	52..07+0003+014
110202+00000056	32..01+00260480	332107+00048268	52..07+0003+007
110203+00000056	573..1+00666700	574..1+30047000	83..01+00064451
110204+00000056	32..01+00298920	331107+00050463	52..07+0003+008
110205+00000057	32..01+00250950	332107+00052456	52..07+0003+007
110206+00000057	573..1+00714670	574..1+30596870	83..01+00064252
110207+00000057	32..01+00293100	331107+00056257	52..07+0003+003
110208+00000058	32..01+00256340	332107+00054019	52..07+0003+017
110209+00000058	573..1+00751430	574..1+31146310	83..01+00064476
110210+00000058	32..01+00298000	331107+00054215	52..07+0003+002
110211+00000059	32..01+00304880	332107+00055399	52..07+0003+008
110212+00000059	573..1+00744550	574..1+31749190	83..01+00064358
110213+00000059	32..01+00298840	331107+00054327	52..07+0003+004
110214+00000060	32..01+00256820	332107+00052802	52..07+0003+001
110215+00000060	573..1+00786570	574..1+32304850	83..01+00064510
110216+00000060	32..01+00286480	331107+00050034	52..07+0003+012
110217+00000061	32..01+00282610	332107+00062222	52..07+0003+011
110218+00000061	573..1+00790440	574..1+32873940	83..01+00063291
110219+00000061	32..01+00301090	331107+00053813	52..07+0003+006
110220+00000062	32..01+00274190	332107+00058214	52..07+0003+012
110221+00000062	573..1+00817330	574..1+33449220	83..01+00062851
110222+00000062	32..01+00294500	331107+00058216	52..07+0003+003
110223+00000063	32..01+00269490	332107+00054650	52..07+0003+007
110224+00000063	573..1+00842350	574..1+34013210	83..01+00063208
110225+00000063	32..01+00296800	331107+00052450	52..07+0003+009
110226+00000064	32..01+00272300	332107+00054408	52..07+0003+007
110227+00000064	573..1+00866840	574..1+34582320	83..01+00063012
110228+00000064	32..01+00295400	331107+00052728	52..07+0003+002
110229+00000065	32..01+00261010	332107+00053212	52..07+0003+004
110230+00000065	573..1+00901230	574..1+35138730	83..01+00062964

AVONPR . RAW

110231+00000065	32..01+00294340	331107+00054929	52..07+0003+016
110232+00000066	32..01+00213390	332107+00053413	52..07+0003+004
110233+00000066	573..1+00982180	574..1+35646460	83..01+00063115
110234+00000066	32..01+00218150	331107+00055988	52..07+0003+007
110235+00000067	32..01+00207590	332107+00054636	52..07+0003+015
110236+00000067	573..1+00992740	574..1+36072200	83..01+00063250
110237+00000067	32..01+00227970	331107+00054268	52..07+0003+041
110238+00000068	32..01+00211670	332107+00053262	52..07+0003+013
110239+00000068	573..1+01009030	574..1+36511840	83..01+00063351
110240+00000068	32..01+00199310	331107+00054732	52..07+0003+005
110241+00000069	32..01+00185930	332107+00056956	52..07+0003+005
110242+00000069	573..1+01022410	574..1+36897090	83..01+00063129
110243+00000069	32..01+00220460	331107+00053293	52..07+0003+022
110244+00000070	32..01+00194220	332107+00059156	52..07+0003+001
110245+00000070	573..1+01048660	574..1+37311770	83..01+00062542
110246+00000070	32..01+00201860	331107+00055969	52..07+0003+020
110247+00000071	32..01+00196500	332107+00052946	52..07+0003+006
110248+00000071	573..1+01054010	574..1+37710130	83..01+00062845
110249+00000071	32..01+00216330	331107+00051473	52..07+0003+170
410250+!....331			
110251+00000071	32..01+00216410	331107+00051568	52..07+0003+018
110252+00000072	32..01+00215780	332107+00056991	52..07+0003+005
110253+00000072	573..1+01054640	574..1+38142330	83..01+00062302
110254+00000072	32..01+00188790	331107+00057986	52..07+0003+009
110255+00000073	32..01+00213420	332107+00055888	52..07+0003+013
110256+00000073	573..1+01030010	574..1+38544530	83..01+00062512
110257+00000073	32..01+00198270	331107+00059050	52..07+0003+019
110258+00000074	32..01+00204370	332107+00056436	52..07+0003+035
110259+00000074	573..1+01023910	574..1+38947180	83..01+00062774
110260+00000074	32..01+00208180	331107+00048219	52..07+0003+015
110261+00000075	32..01+00180340	332107+00048271	52..07+0003+003
110262+00000075	573..1+01051750	574..1+39335700	83..01+00062768
110263+00000075	32..01+00294220	331107+00043846	52..07+0003+028
110264+00000076	32..01+00276840	332107+00049145	52..07+0003+005
110265+00000076	573..1+01069130	574..1+39906760	83..01+00062238
110266+00000076	32..01+00298320	331107+00053081	52..07+0003+026
110267+00000077	32..01+00275530	332107+00051485	52..07+0003+016
110268+00000077	573..1+01091920	574..1+40480610	83..01+00062398
110269+00000077	32..01+00304380	331107+00050676	52..07+0003+018
110270+00000078	32..01+00285240	332107+00055544	52..07+0003+013
110271+00000078	573..1+01111060	574..1+41070230	83..01+00061911
110272+00000078	32..01+00299420	331107+00058469	52..07+0003+018
110273+00000079	32..01+00267130	332107+00052024	52..07+0003+017
110274+00000079	573..1+01143350	574..1+41636780	83..01+00062556
110275+00000079	32..01+00305880	331107+00051002	52..07+0003+020
110276+00000080	32..01+00293810	332107+00052790	52..07+0003+020
110277+00000080	573..1+01155410	574..1+42236470	83..01+00062377
110278+00000080	32..01+00301570	331107+00050512	52..07+0003+037
110279+00000081	32..01+00301500	332107+00048876	52..07+0003+009
110280+00000081	573..1+01155480	574..1+42839540	83..01+00062541
110281+00000081	32..01+00295230	331107+00045037	52..07+0003+022
110282+00000082	32..01+00280700	332107+00051347	52..07+0003+007
110283+00000082	573..1+01170010	574..1+43415470	83..01+00061910
110284+00000082	32..01+00293680	331107+00042623	52..07+0003+052
110285+00000083	32..01+00238720	332107+00059575	52..07+0003+008
110286+00000083	573..1+01224970	574..1+43947880	83..01+00060214
110287+00000083	32..01+00304830	331107+00055321	52..07+0003+023
110288+00000084	32..01+00273180	332107+00050796	52..07+0003+015
110289+00000084	573..1+01256620	574..1+44525880	83..01+00060667
110290+00000084	32..01+00290540	331107+00055414	52..07+0003+010
110291+00000085	32..01+00265340	332107+00040712	52..07+0003+012
110292+00000085	573..1+01281820	574..1+45081760	83..01+00062137
110293+00000085	32..01+00289030	331107+00058517	52..07+0003+005
110294+00000086	32..01+00252670	332107+00040926	52..07+0003+009
110295+00000086	573..1+01318170	574..1+45623460	83..01+00063896
110296+00000086	32..01+00293790	331107+00071495	52..07+0003+066
110297+00000087	32..01+00198690	332107+00038889	52..07+0003+015

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110298+00000087	573..1+01413270	574..1+46115950	83..01+00067157
110299+00000087	32..01+00261590	331107+00060957	52..07+0003+017
110300+00000088	32..01+00221030	332107+00045598	52..07+0003+021
110301+00000088	573..1+01453830	574..1+46598580	83..01+00068693
110302+00000088	32..01+00296320	331107+00058633	52..07+0003+024
110303+00000089	32..01+00274880	332107+00047026	52..07+0003+017
110304+00000089	573..1+01475270	574..1+47169770	83..01+00069853
110305+00000089	32..01+00266380	331107+00061014	52..07+0003+017
110306+00000090	32..01+00257680	332107+00048203	52..07+0003+016
110307+00000090	573..1+01483970	574..1+47693840	83..01+00071134
110308+00000090	32..01+00292790	331107+00061972	52..07+0003+018
110309+00000091	32..01+00263900	332107+00044941	52..07+0003+018
110310+00000091	573..1+01512860	574..1+48250520	83..01+00072837
110311+00000091	32..01+00282350	331107+00061452	52..07+0003+014
110312+00000092	32..01+00225280	332107+00048842	52..07+0003+009
110313+00000092	573..1+01569920	574..1+48758160	83..01+00074098
110314+00000092	32..01+00294240	331107+00059356	52..07+0003+031
110315+00000093	32..01+00277140	332107+00044413	52..07+0003+030
110316+00000093	573..1+01587020	574..1+49329540	83..01+00075593
110317+00000093	32..01+00290920	331107+00065939	52..07+0003+023
110318+00000094	32..01+00240400	332107+00033978	52..07+0003+023
110319+00000094	573..1+01637540	574..1+49860850	83..01+00078789
110320+00000094	32..01+00290080	331107+00071872	52..07+0003+010
110321+00000095	32..01+00243890	332107+00023691	52..07+0003+034
110322+00000095	573..1+01683730	574..1+50394820	83..01+00083607
110323+00000095	32..01+00280760	331107+00091052	52..07+0003+019
110324+00000096	32..01+00156480	332107+00015300	52..07+0003+014
110325+00000096	573..1+01808010	574..1+50832070	83..01+00091182
110326+00000096	32..01+00159600	331107+00082585	52..07+0003+011
110327+00000097	32..01+00148270	332107+00017149	52..07+0003+007
110328+00000097	573..1+01819350	574..1+51139940	83..01+00097726
110329+00000097	32..01+00158140	331107+00080544	52..07+0003+007
110330+00000098	32..01+00157720	332107+00033218	52..07+0003+014
110331+00000098	573..1+01819770	574..1+51455790	83..01+00102458
110332+00000098	32..01+00235950	331107+00099451	52..07+0003+005
110333+00000099	32..01+00234260	332107+00014823	52..07+0003+021
110334+00000099	573..1+01821460	574..1+51926010	83..01+00110921
110335+00000099	32..01+00251640	331107+00098952	52..07+0003+020
110336+00000100	32..01+00238570	332107+00025298	52..07+0003+010
110337+00000100	573..1+01834530	574..1+52416220	83..01+00118286
110338+00000100	32..01+00243570	331107+00086703	52..07+0003+001
110339+00000101	32..01+00260530	332107+00027163	52..07+0003+005
110340+00000101	573..1+01817570	574..1+52920330	83..01+00124240
110341+00000101	32..01+00309770	331107+00078481	52..07+0003+021
110342+00000102	32..01+00284640	332107+00038413	52..07+0003+006
110343+00000102	573..1+01842690	574..1+53514740	83..01+00128247
110344+00000102	32..01+00291150	331107+00068717	52..07+0003+017
110345+00000103	32..01+00279300	332107+00042433	52..07+0003+008
110346+00000103	573..1+01854550	574..1+54085190	83..01+00130875
110347+00000103	32..01+00197720	331107+00050036	52..07+0003+031
110348+00000304	32..01+00182920	332107+00058190	52..07+0003+004
110349+00000304	573..1+01869350	574..1+54465830	83..01+00130060
110350+00000304	32..01+00182880	331107+00056024	52..07+0003+002
110351+00000105	32..01+00256320	332107+00053195	52..07+0003+003
110352+00000105	573..1+01795910	574..1+54905020	83..01+00130343
110353+00000105	32..01+00291940	331107+00040221	52..07+0003+024
110354+00000106	32..01+00232320	332107+00061931	52..07+0003+015
110355+00000106	573..1+01855520	574..1+55429280	83..01+00128172
110356+00000106	32..01+00277480	331107+00032658	52..07+0003+006
110357+00000107	32..01+00263630	332107+00068181	52..07+0003+023
110358+00000107	573..1+01869380	574..1+55970390	83..01+00124620
110359+00000107	32..01+00293370	331107+00019922	52..07+0003+012
110360+00000108	32..01+00254110	332107+00078805	52..07+0003+012
110361+00000108	573..1+01908640	574..1+56517870	83..01+00118731
110362+00000108	32..01+00289300	331107+00016456	52..07+0003+017
110363+00000109	32..01+00244090	332107+00101474	52..07+0003+009
110364+00000109	573..1+01953850	574..1+57051260	83..01+00110229

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110365+00000109	32..01+00199790	331107+00019331	52..07+0003+020
110366+00000110	32..01+00224470	332107+00094115	52..07+0003+006
110367+00000110	573..1+01929170	574..1+57475520	83..01+00102751
110368+00000110	32..01+00242360	331107+00017643	52..07+0003+013
110369+00000111	32..01+00240690	332107+00111770	52..07+0003+005
110370+00000111	573..1+01930850	574..1+57958560	83..01+00093338
110371+00000111	32..01+00197590	331107+00017380	52..07+0003+030
110372+00000312	32..01+00226820	332107+00097075	52..07+0003+058
110373+00000312	573..1+01901620	574..1+58382970	83..01+00085369
410374+!....332			
110375+00000312	32..01+00226790	332107+00097008	52..07+0003+020
110376+00000312	573..1+01901640	574..1+58382940	83..01+00085376
110377+00000312	32..01+00276220	331107+00019662	52..07+0003+005
110378+00000113	32..01+00227150	332107+00080350	52..07+0003+007
110379+00000113	573..1+01950710	574..1+58886310	83..01+00079307
110380+00000113	32..01+00191330	331107+00045035	52..07+0003+001
110381+00000114	32..01+00169180	332107+00066533	52..07+0003+011
110382+00000114	573..1+01972870	574..1+59246820	83..01+00077157
110383+00000114	32..01+00279530	331107+00038383	52..07+0003+004
110384+00000115	32..01+00265850	332107+00062546	52..07+0003+007
110385+00000115	573..1+01986540	574..1+59792200	83..01+00074741
110386+00000115	32..01+00285040	331107+00048087	52..07+0003+020
110387+00000116	32..01+00249660	332107+00053179	52..07+0003+007
110388+00000116	573..1+02021920	574..1+60326910	83..01+00074232
110389+00000116	32..01+00281270	331107+00042488	52..07+0003+014
110390+00000117	32..01+00274830	332107+00059845	52..07+0003+005
110391+00000117	573..1+02028360	574..1+60883010	83..01+00072496
110392+00000117	32..01+00289310	331107+00043222	52..07+0003+006
110393+00000118	32..01+00262010	332107+00059756	52..07+0003+016
110394+00000118	573..1+02055660	574..1+61434330	83..01+00070842
110395+00000118	32..01+00290060	331107+00044419	52..07+0003+011
110396+00000119	32..01+00283280	332107+00059557	52..07+0003+018
110397+00000119	573..1+02062440	574..1+62007670	83..01+00069329
110398+00000119	32..01+00292710	331107+00046591	52..07+0003+015
110399+00000120	32..01+00267430	332107+00062682	52..07+0003+016
110400+00000120	573..1+02087720	574..1+62567810	83..01+00067720
110401+00000120	32..01+00273550	331107+00041226	52..07+0003+010
110402+00000121	32..01+00235540	332107+00069877	52..07+0003+005
110403+00000121	573..1+02125730	574..1+63076900	83..01+00064854
110404+00000121	32..01+00246840	331107+00041951	52..07+0003+007
110405+00000122	32..01+00261510	332107+00064121	52..07+0003+007
110406+00000122	573..1+02111060	574..1+63585260	83..01+00062637
110407+00000122	32..01+00285700	331107+00046440	52..07+0003+027
110408+00000123	32..01+00258800	332107+00068631	52..07+0003+004
110409+00000123	573..1+02137960	574..1+64129760	83..01+00060418
110410+00000123	32..01+00293790	331107+00051839	52..07+0003+022
110411+00000124	32..01+00281400	332107+00059419	52..07+0003+005
110412+00000124	573..1+02150350	574..1+64704950	83..01+00059660
110413+00000124	32..01+00276520	331107+00060778	52..07+0003+019
110414+00000125	32..01+00273560	332107+00048050	52..07+0003+006
110415+00000125	573..1+02153320	574..1+65255030	83..01+00060933
110416+00000125	32..01+00286040	331107+00062963	52..07+0003+007
110417+00000126	32..01+00278530	332107+00054554	52..07+0003+008
110418+00000126	573..1+02160830	574..1+65819600	83..01+00061774
110419+00000126	32..01+00285080	331107+00059748	52..07+0003+017
110420+00000127	32..01+00280310	332107+00057707	52..07+0003+024
110421+00000127	573..1+02165590	574..1+66384990	83..01+00061978
110422+00000127	32..01+00300600	331107+00057528	52..07+0003+017
110423+00000128	32..01+00297370	332107+00055227	52..07+0003+016
110424+00000128	573..1+02168830	574..1+66982960	83..01+00062208
110425+00000128	32..01+00291450	331107+00057504	52..07+0003+008
110426+00000129	32..01+00282860	332107+00056655	52..07+0003+009
110427+00000129	573..1+02177410	574..1+67557280	83..01+00062293
110428+00000129	32..01+00284610	331107+00051242	52..07+0003+007
110429+00000130	32..01+00288550	332107+00051584	52..07+0003+034
110430+00000130	573..1+02173480	574..1+68130430	83..01+00062259
110431+00000130	32..01+00298090	331107+00056809	52..07+0003+006

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110499+00000153	573..1+02460430	574..1+81060310	83..01+00064291
110500+00000153	32..01+00308830	331107+00049389	52..07+0003+016
110501+00000154	32..01+00295550	332107+00054432	52..07+0003+034
110502+00000154	573..1+02473710	574..1+81664700	83..01+00063787
110503+00000154	32..01+00284160	331107+00047587	52..07+0003+015
110504+00000155	32..01+00273050	332107+00048803	52..07+0003+049
110505+00000155	573..1+02484810	574..1+82221910	83..01+00063666
110506+00000155	32..01+00285460	331107+00046041	52..07+0003+007
110507+00000156	32..01+00284040	332107+00050047	52..07+0003+004
110508+00000156	573..1+02486230	574..1+82791410	83..01+00063265
110509+00000156	32..01+00278880	331107+00055962	52..07+0003+018
110510+00000157	32..01+00264460	332107+00053864	52..07+0003+001
110511+00000157	573..1+02500640	574..1+83334750	83..01+00063475
110512+00000157	32..01+00282610	331107+00044589	52..07+0003+056
110513+00000158	32..01+00254270	332107+00053825	52..07+0003+014
110514+00000158	573..1+02528970	574..1+83871630	83..01+00062551
110515+00000158	32..01+00289730	331107+00049324	52..07+0003+076
110516+00000159	32..01+00278070	332107+00056760	52..07+0003+015
110517+00000159	573..1+02540630	574..1+84439440	83..01+00061808
110518+00000159	32..01+00290310	331107+00042793	52..07+0003+084
110519+00000160	32..01+00300990	332107+00058909	52..07+0003+029
110520+00000160	573..1+02529960	574..1+85030730	83..01+00060196
110521+00000160	32..01+00288450	331107+00048572	52..07+0003+025
110522+00000161	32..01+00269670	332107+00054134	52..07+0003+013
110523+00000161	573..1+02548730	574..1+85588850	83..01+00059640
110524+00000161	32..01+00285660	331107+00050602	52..07+0003+017
110525+00000162	32..01+00238310	332107+00056647	52..07+0003+012
110526+00000162	573..1+02596090	574..1+86112830	83..01+00059035
110527+00000162	32..01+00307000	331107+00044789	52..07+0003+024
110528+00000163	32..01+00287370	332107+00056914	52..07+0003+032
110529+00000163	573..1+02615720	574..1+86707200	83..01+00057823
110530+00000163	32..01+00286060	331107+00055285	52..07+0003+015
110531+00000164	32..01+00275720	332107+00053684	52..07+0003+006
110532+00000164	573..1+02626060	574..1+87268980	83..01+00057983
110533+00000164	32..01+00174170	331107+00057162	52..07+0003+004
110534+00000165	32..01+00124070	332107+00050729	52..07+0003+013
110535+00000165	573..1+02676170	574..1+87567220	83..01+00058626
110536+00000165	32..01+00085860	331107+00061389	52..07+0003+004
110537+00000366	32..01+00038640	332107+00035573	52..07+0003+001
110538+00000366	573..1+02723380	574..1+87691720	83..01+00061208

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110432+00000131	32..01+00275830	332107+00056502	52..07+0003+019
110433+00000131	573..1+02195740	574..1+68704350	83..01+00062290
110434+00000131	32..01+00294880	331107+00053302	52..07+0003+029
110435+00000132	32..01+00288130	332107+00055079	52..07+0003+010
110436+00000132	573..1+02202490	574..1+69287360	83..01+00062112
110437+00000132	32..01+00286740	331107+00053496	52..07+0003+023
110438+00000133	32..01+00276710	332107+00047114	52..07+0003+023
110439+00000133	573..1+02212520	574..1+69850820	83..01+00062750
110440+00000133	32..01+00287140	331107+00055588	52..07+0003+015
110441+00000134	32..01+00270600	332107+00052539	52..07+0003+003
110442+00000134	573..1+02229050	574..1+70408550	83..01+00063055
110443+00000134	32..01+00290430	331107+00046097	52..07+0003+012
110444+00000135	32..01+00288050	332107+00047385	52..07+0003+025
110445+00000135	573..1+02231440	574..1+70987030	83..01+00062926
110446+00000135	32..01+00288290	331107+00050252	52..07+0003+025
110447+00000136	32..01+00286590	332107+00045926	52..07+0003+014
110448+00000136	573..1+02233150	574..1+71561920	83..01+00063359
110449+00000136	32..01+00292510	331107+00052203	52..07+0003+012
110450+00000137	32..01+00278760	332107+00051014	52..07+0003+023
110451+00000137	573..1+02246890	574..1+72133180	83..01+00063478
110452+00000137	32..01+00290020	331107+00054128	52..07+0003+010
110453+00000138	32..01+00255360	332107+00050527	52..07+0003+021
110454+00000138	573..1+02281550	574..1+72678570	83..01+00063838
110455+00000138	32..01+00291300	331107+00050577	52..07+0003+022
110456+00000139	32..01+00276720	332107+00054503	52..07+0003+007
110457+00000139	573..1+02296130	574..1+73246590	83..01+00063445
110458+00000139	32..01+00294940	331107+00049931	52..07+0003+023
110459+00000140	32..01+00273390	332107+00052134	52..07+0003+004
110460+00000140	573..1+02317680	574..1+73814910	83..01+00063225
110461+00000140	32..01+00294170	331107+00051983	52..07+0003+021
110462+00000141	32..01+00286380	332107+00052747	52..07+0003+009
110463+00000141	573..1+02325480	574..1+74395460	83..01+00063149
110464+00000141	32..01+00288900	331107+00053665	52..07+0003+015
110465+00000142	32..01+00259310	332107+00054596	52..07+0003+018
110466+00000142	573..1+02355060	574..1+74943680	83..01+00063056
110467+00000142	32..01+00234880	331107+00052993	52..07+0003+012
110468+00000143	32..01+00253490	332107+00049061	52..07+0003+009
110469+00000143	573..1+02336450	574..1+75432040	83..01+00063449
110470+00000143	32..01+00288640	331107+00052984	52..07+0003+018
110471+00000144	32..01+00273720	332107+00053887	52..07+0003+007
110472+00000144	573..1+02351370	574..1+75994390	83..01+00063359
110473+00000144	32..01+00286650	331107+00059861	52..07+0003+008
110474+00000145	32..01+00275510	332107+00050071	52..07+0003+013
110475+00000145	573..1+02362510	574..1+76556550	83..01+00064338
110476+00000145	32..01+00287060	331107+00054705	52..07+0003+035
110477+00000146	32..01+00291650	332107+00056929	52..07+0003+009
110478+00000146	573..1+02357920	574..1+77135250	83..01+00064115
110479+00000146	32..01+00294100	331107+00057955	52..07+0003+052
110480+00000147	32..01+00273400	332107+00053342	52..07+0003+020
110481+00000147	573..1+02378620	574..1+77702760	83..01+00064577
110482+00000147	32..01+00289720	331107+00053978	52..07+0003+009
110483+00000148	32..01+00279150	332107+00055002	52..07+0003+013
110484+00000148	573..1+02389190	574..1+78271630	83..01+00064474
110485+00000148	32..01+00296570	331107+00051032	52..07+0003+061
110486+00000149	32..01+00274000	332107+00052917	52..07+0003+006
110487+00000149	573..1+02411760	574..1+78842200	83..01+00064286
110488+00000149	32..01+00281240	331107+00049046	52..07+0003+027
110489+00000150	32..01+00260880	332107+00049667	52..07+0003+028
110490+00000150	573..1+02432120	574..1+79384320	83..01+00064224
110491+00000150	32..01+00285650	331107+00056111	52..07+0003+021
110492+00000151	32..01+00276870	332107+00051213	52..07+0003+022
110493+00000151	573..1+02440910	574..1+79946850	83..01+00064714
110494+00000151	32..01+00287330	331107+00052044	52..07+0003+015
110495+00000152	32..01+00282800	332107+00052499	52..07+0003+008
110496+00000152	573..1+02445440	574..1+80516980	83..01+00064668
110497+00000152	32..01+00279160	331107+00047623	52..07+0003+019
110498+00000153	32..01+00264170	332107+00051388	52..07+0003+008

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Input Field File : J:\2002\A020801.03\levelpak\AVONPR\AVONPR.RAW
 Output Data File : J:\2002\A020801.03\STARNET\AVONPR.dat
 Date Processed : 03-28-2005 09:36:13

Line	Point	Type	E	D	Sum E	Sum D	Desc
3	200	B	6.7750	293.2200	0.0000	0.0000	
4		F	5.4884	287.8800	1.2866	581.1000	
6		B	5.2328	291.1700			
7		F	5.8207	279.3200	0.6987	1151.5900	
9		B	4.4642	188.9600			
10		F	6.5997	270.2700	-1.4368	1610.8200	
12		B	3.5924	198.4300			
13		F	5.9696	199.3800	-3.8140	2008.6300	
15		B	3.9717	228.1700			
16		F	6.1940	184.4800	-6.0363	2421.2800	
18		B	4.4815	193.9400			
19		F	6.6303	198.4000	-8.1851	2813.6200	
21		B	4.4211	200.3200			
22		F	6.3935	200.5500	-10.1575	3214.4900	
24		B	3.5596	199.4300			
25		F	7.8954	219.4100	-14.4933	3633.3300	
27		B	2.3407	197.8200			
28		F	9.2313	230.5400	-21.3839	4061.6900	
30		B	3.0212	220.6700			
31	210	F	5.1799	191.6200	-23.5426	4473.9800	
Line	Point	Type	E	D	Sum E	Sum D	Desc
33	210	B	4.2342	291.7300	0.0000	0.0000	
34		F	3.6109	274.6200	0.6233	566.3500	
36		B	3.5816	276.7200			
37		F	3.9073	250.1600	0.2976	1093.2300	
39		B	4.4169	185.8600			
40		F	3.6229	199.8200	1.0916	1478.9100	
42		B	7.7771	279.7500			
43		F	10.4566	246.5900	-1.5879	2005.2500	
45		B	4.0528	281.8400			
46		F	4.3803	276.6500	-1.9154	2563.7400	
48		B	4.1028	303.9600			
49		F	4.0055	247.5100	-1.8181	3115.2100	
51		B	4.1918	269.0900			
52		F	4.3474	287.1800	-1.9737	3671.4800	
54		B	5.3944	309.2800			
55		F	4.4548	251.2900	-1.0341	4232.0500	
57		B	5.9300	298.8300			
58		F	4.2699	262.7400	0.6260	4793.6200	
60		B	4.5427	290.1800			
61		F	4.7519	281.2000	0.4168	5365.0000	
63		B	3.3677	303.4300			
64		F	3.7848	288.2100	-0.0003	5956.6400	
68		B	5.1939	319.1700			
69		F	4.4626	277.4700	0.7310	6553.2800	
71		B	5.2508	296.4500			
72		F	4.7947	267.2300	1.1871	7116.9600	
76		B	6.4620	287.9100			
77		F	4.0748	275.3800	3.5743	7680.2500	
79		B	5.0834	287.3000			
80		F	4.9179	243.4500	3.7398	8211.0000	
82		B	3.7660	285.6500			
83		F	5.8702	271.0700	1.6356	8767.7200	
85		B	3.8707	286.9000			
86		F	6.0412	247.9100	-0.5349	9302.5300	
88		B	4.1057	257.2800			

		AVONPR. log			
89		F	4.9822	277.7600	-1.4114 9837.5700
91		B	3.7008	297.3200	
92		F	4.0601	295.5900	-1.7707 10430.4800
94		B	6.2404	292.4700	
95		F	4.0562	285.8500	0.4135 11008.8000
97		B	5.0446	281.1500	
98		F	5.3780	290.5500	0.0801 11580.5000
100		B	5.6168	299.8800	
101		F	3.9546	257.8000	1.7423 12138.1800
103		B	5.7409	286.8700	
104		F	3.8625	263.1100	3.6207 12688.1600
106		B	5.2583	289.2000	
107		F	4.4405	279.6300	4.4385 13256.9900
109		B	5.2241	281.6600	
110		F	4.6521	275.9800	5.0105 13814.6300
112		B	5.5218	291.6100	
113		F	5.4993	264.4200	5.0330 14370.6600
115		B	4.6673	282.5900	
116		F	5.3305	255.2500	4.3698 14908.5000
118		B	3.9930	305.4500	
119		F	5.8460	298.2200	2.5168 15512.1700
121		B	3.3806	315.0100	
122		F	5.6100	286.1100	0.2874 16113.2900
124		B	4.0229	286.5700	
125		F	4.7223	303.9400	-0.4120 16703.8000
127		B	5.0669	300.4600	
128		F	5.2948	286.6300	-0.6399 17290.8900
130		B	4.4433	279.7200	
131		F	4.3751	263.7800	-0.5717 17834.3900
133		B	5.6904	253.1800	
134		F	4.9542	276.8500	0.1645 18364.4200
136		B	5.5613	333.8100	
137		F	4.6237	310.7000	1.1021 19008.9300
139		B	5.4694	294.5600	
140		F	4.5099	272.7200	2.0616 19576.2100
142		B	6.0077	264.7700	
143	246	F	4.8302	199.3000	3.2391 20040.2800

Line	Point	Type	E	D	Sum E	Sum D	Desc
145	246	B	5.4628	260.5700	0.0000	0.0000	
146		F	4.9438	290.5600	0.5190	551.1300	
148		B	5.7190	283.8500			
149		F	4.7171	284.4400	1.5209	1119.4200	
151		B	5.1759	282.3100			
152		F	5.8446	280.0300	0.8522	1681.7600	
154		B	6.0469	287.0200			
155		F	5.3536	257.1000	1.5455	2225.8800	
157		B	5.2302	207.0500			
158		F	5.0642	258.7200	1.7115	2691.6500	
160		B	5.6259	285.5500			
161		F	5.1313	258.6900	2.2061	3235.8900	
163		B	5.3974	292.1800			
164		F	5.1238	268.1300	2.4797	3796.2000	
166		B	5.4730	311.1600			
167		F	5.2293	288.0600	2.7234	4395.4200	
169		B	4.9140	300.9800			
170		F	5.8845	289.4100	1.7529	4985.8100	
172		B	5.4490	286.4200			
173		F	4.8268	260.4800	2.3751	5532.7100	
175		B	5.0463	298.9200			
176		F	5.2456	250.9500	2.1758	6082.5800	
178		B	5.6257	293.1000			
179		F	5.4019	256.3400	2.3996	6632.0200	
181		B	5.4215	298.0000			
182		F	5.5399	304.8800	2.2812	7234.9000	
184		B	5.4327	298.8400			

		AVONPR. log			
185	F	5.2802	256.8200	2.4337	7790.5600
187	B	5.0034	286.4800		
188	F	6.2222	282.6100	1.2149	8359.6500
190	B	5.3813	301.0900		
191	F	5.8214	274.1900	0.7748	8934.9300
193	B	5.8216	294.5000		
194	F	5.4650	269.4900	1.1314	9498.9200
196	B	5.2450	296.8000		
197	F	5.4408	272.3000	0.9356	10068.0200
199	B	5.2728	295.4000		
200	F	5.3212	261.0100	0.8872	10624.4300
202	B	5.4929	294.3400		
203	F	5.3413	213.3900	1.0388	11132.1600
205	B	5.5988	218.1500		
206	F	5.4636	207.5900	1.1740	11557.9000
208	B	5.4268	227.9700		
209	F	5.3262	211.6700	1.2746	11997.5400
211	B	5.4732	199.3100		
212	F	5.6956	185.9300	1.0522	12382.7800
214	B	5.3293	220.4600		
215	F	5.9156	194.2200	0.4659	12797.4600
217	B	5.5969	201.8600		
218	F	5.2946	196.5000	0.7682	13195.8200
222	B	5.1568	216.4100		
223	F	5.6991	215.7800	0.2259	13628.0100
225	B	5.7986	188.7900		
226	F	5.5888	213.4200	0.4357	14030.2200
228	B	5.9050	198.2700		
229	F	5.6436	204.3700	0.6971	14432.8600
231	B	4.8219	208.1800		
232	F	4.8271	180.3400	0.6919	14821.3800
234	B	4.3846	294.2200		
235	F	4.9145	276.8400	0.1620	15392.4400
237	B	5.3081	298.3200		
238	F	5.1485	275.5300	0.3216	15966.2900
240	B	5.0676	304.3800		
241	F	5.5544	285.2400	-0.1652	16555.9100
243	B	5.8469	299.4200		
244	F	5.2024	267.1300	0.4793	17122.4600
246	B	5.1002	305.8800		
247	F	5.2790	293.8100	0.3005	17722.1500
249	B	5.0512	301.5700		
250	F	4.8876	301.5000	0.4641	18325.2200
252	B	4.5037	295.2300		
253	F	5.1347	280.7000	-0.1669	18901.1500
255	B	4.2623	293.6800		
256	F	5.9575	238.7200	-1.8621	19433.5500
258	B	5.5321	304.8300		
259	F	5.0796	273.1800	-1.4096	20011.5600
261	B	5.5414	290.5400		
262	F	4.0712	265.3400	0.0606	20567.4400
264	B	5.8517	289.0300		
265	F	4.0926	252.6700	1.8197	21109.1400
267	B	7.1495	293.7900		
268	F	3.8889	198.6900	5.0803	21601.6200
270	B	6.0957	261.5900		
271	F	4.5598	221.0300	6.6162	22084.2400
273	B	5.8633	296.3200		
274	F	4.7026	274.8800	7.7769	22655.4400
276	B	6.1014	266.3800		
277	F	4.8203	257.6800	9.0580	23179.5000
279	B	6.1972	292.7900		
280	F	4.4941	263.9000	10.7611	23736.1900
282	B	6.1452	282.3500		
283	F	4.8842	225.2800	12.0221	24243.8200
285	B	5.9356	294.2400		

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286	F	4.4413	277.1400	13.5164	24815.2000
288	B	6.5939	290.9200		
289	F	3.3978	240.4000	16.7125	25346.5200
291	B	7.1872	290.0800		
292	F	2.3691	243.8900	21.5306	25880.4900
294	B	9.1052	280.7600		
295	F	1.5300	156.4800	29.1058	26317.7300
297	B	8.2585	159.6000		
298	F	1.7149	148.2700	35.6494	26625.6000
300	B	8.0544	158.1400		
301	F	3.3218	157.7200	40.3820	26941.4600
303	B	9.9451	235.9500		
304	F	1.4823	234.2600	48.8448	27411.6700
306	B	9.8952	251.6400		
307	F	2.5298	238.5700	56.2102	27901.8800
309	B	8.6703	243.5700		
310	F	2.7163	260.5300	62.1642	28405.9800
312	B	7.8481	309.7700		
313	F	3.8413	284.6400	66.1710	29000.3900
315	B	6.8717	291.1500		
316	F	4.2433	279.3000	68.7994	29570.8400
318	B	5.0036	197.7200		
319	F	5.8190	182.9200	67.9840	29951.4800

Line	Point	Type	E	D	Sum E	Sum D	Desc
321	304	B	5.6024	182.8800	0.0000	0.0000	
322		F	5.3195	256.3200	0.2829	439.2000	
324		B	4.0221	291.9400			
325		F	6.1931	232.3200	-1.8881	963.4600	
327		B	3.2658	277.4800			
328		F	6.8181	263.6300	-5.4404	1504.5700	
330		B	1.9922	293.3700			
331		F	7.8805	254.1100	-11.3287	2052.0500	
333		B	1.6456	289.3000			
334		F	10.1474	244.0900	-19.8305	2585.4400	
336		B	1.9331	199.7900			
337		F	9.4115	224.4700	-27.3089	3009.7000	
339		B	1.7643	242.3600			
340		F	11.1770	240.6900	-36.7216	3492.7500	
342		B	1.7380	197.5900			
346	312	F	9.7008	226.7900	-44.6844	3917.1300	

Line	Point	Type	E	D	Sum E	Sum D	Desc
348	312	B	1.9662	276.2200	0.0000	0.0000	
349		F	8.0350	227.1500	-6.0688	503.3700	
351		B	4.5035	191.3300			
352		F	6.6533	169.1800	-8.2186	863.8800	
354		B	3.8383	279.5300			
355		F	6.2546	265.8500	-10.6349	1409.2600	
357		B	4.8087	285.0400			
358		F	5.3179	249.6600	-11.1441	1943.9600	
360		B	4.2488	281.2700			
361		F	5.9845	274.8300	-12.8798	2500.0600	
363		B	4.3222	289.3100			
364		F	5.9756	262.0100	-14.5332	3051.3800	
366		B	4.4419	290.0600			
367		F	5.9557	283.2800	-16.0470	3624.7200	
369		B	4.6591	292.7100			
370		F	6.2682	267.4300	-17.6561	4184.8600	
372		B	4.1226	273.5500			
373		F	6.9877	235.5400	-20.5212	4693.9500	
375		B	4.1951	246.8400			
376		F	6.4121	261.5100	-22.7382	5202.3000	
378		B	4.6440	285.7000			
379		F	6.8631	258.8000	-24.9573	5746.8000	
381		B	5.1839	293.7900			

		AVONPR. log			
382	F	5.9419	281.4000	-25.7153	6321.9900
384	B	6.0778	276.5200		
385	F	4.8050	273.5600	-24.4425	6872.0700
387	B	6.2963	286.0400		
388	F	5.4554	278.5300	-23.6016	7436.6400
390	B	5.9748	285.0800		
391	F	5.7707	280.3100	-23.3975	8002.0300
393	B	5.7528	300.6000		
394	F	5.5227	297.3700	-23.1674	8600.0000
396	B	5.7504	291.4500		
397	F	5.6655	282.8600	-23.0825	9174.3100
399	B	5.1242	284.6100		
400	F	5.1584	288.5500	-23.1167	9747.4700
402	B	5.6809	298.0900		
403	F	5.6502	275.8300	-23.0860	10321.3900
405	B	5.3302	294.8800		
406	F	5.5079	288.1300	-23.2637	10904.4000
408	B	5.3496	286.7400		
409	F	4.7114	276.7100	-22.6255	11467.8500
411	B	5.5588	287.1400		
412	F	5.2539	270.6000	-22.3206	12025.5900
414	B	4.6097	290.4300		
415	F	4.7385	288.0500	-22.4494	12604.0700
417	B	5.0252	288.2900		
418	F	4.5926	286.5900	-22.0168	13178.9500
420	B	5.2203	292.5100		
421	F	5.1014	278.7600	-21.8979	13750.2200
423	B	5.4128	290.0200		
424	F	5.0527	255.3600	-21.5378	14295.6000
426	B	5.0577	291.3000		
427	F	5.4503	276.7200	-21.9304	14863.6200
429	B	4.9931	294.9400		
430	F	5.2134	273.3900	-22.1507	15431.9500
432	B	5.1983	294.1700		
433	F	5.2747	286.3800	-22.2271	16012.5000
435	B	5.3665	288.9000		
436	F	5.4596	259.3100	-22.3202	16560.7100
438	B	5.2993	234.8800		
439	F	4.9061	253.4900	-21.9270	17049.0800
441	B	5.2984	288.6400		
442	F	5.3887	273.7200	-22.0173	17611.4400
444	B	5.9861	286.6500		
445	F	5.0071	275.5100	-21.0383	18173.6000
447	B	5.4705	287.0600		
448	F	5.6929	291.6500	-21.2607	18752.3100
450	B	5.7955	294.1000		
451	F	5.3342	273.4000	-20.7994	19319.8100
453	B	5.3978	289.7200		
454	F	5.5002	279.1500	-20.9018	19888.6800
456	B	5.1032	296.5700		
457	F	5.2917	274.0000	-21.0903	20459.2500
459	B	4.9046	281.2400		
460	F	4.9667	260.8800	-21.1524	21001.3700
462	B	5.6111	285.6500		
463	F	5.1213	276.8700	-20.6626	21563.8900
465	B	5.2044	287.3300		
466	F	5.2499	282.8000	-20.7081	22134.0200
468	B	4.7623	279.1600		
469	F	5.1388	264.1700	-21.0846	22677.3500
471	B	4.9389	308.8300		
472	F	5.4432	295.5500	-21.5889	23281.7300
474	B	4.7587	284.1600		
475	F	4.8803	273.0500	-21.7105	23838.9400
477	B	4.6041	285.4600		
478	F	5.0047	284.0400	-22.1111	24408.4400
480	B	5.5962	278.8800		

		AVONPR. Log			
481	F	5.3864	264.4600	-21.9013	24951.7800
483	B	4.4589	282.6100		
484	F	5.3825	254.2700	-22.8249	25488.6600
486	B	4.9324	289.7300		
487	F	5.6760	278.0700	-23.5685	26056.4600
489	B	4.2793	290.3100		
490	F	5.8909	300.9900	-25.1801	26647.7600
492	B	4.8572	288.4500		
493	F	5.4134	269.6700	-25.7363	27205.8800
495	B	5.0602	285.6600		
496	F	5.6647	238.3100	-26.3408	27729.8500
498	B	4.4789	307.0000		
499	F	5.6914	287.3700	-27.5533	28324.2200
501	B	5.5285	286.0600		
502	F	5.3684	275.7200	-27.3932	28886.0000
504	B	5.7162	174.1700		
505	F	5.0729	124.0700	-26.7499	29184.2400
507	B	6.1389	85.8600		
508	F	3.5573	38.6400	-24.1683	29308.7400

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Process completed with 0 errors and 0 warnings.

Summary of Files Used and Option Settings
=====

Project Folder and Data Files

Project Name AVONPR
Project Folder J:\2002\A020801.03\STARNET
Data File List AVONPR.dat

Project Option Settings

STAR*NET Run Mode : Adjust with Error Propagation
Type of Adjustment : Lev
Project Units : FeetUS
Input/Output Coordinate Order : North-East
Create Coordinate File : Yes

Instrument Standard Error Settings

Project Default Instrument
Differential Levels : 0.010000 FeetUS / Mile

Listing of Input Data

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[File: J:\2002\A020801.03\STARNET\AVONPR.DAT]

STAR*DNA Version 4.0.2

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Input Field File : J:\2002\A020801.03\levelpak\AVONPR\AVONPR.RAW

Date Processed : 03-28-2005 09:36:13

.Units FeetUS

.Sep -

.3D

POSTED NAVD88 BM ELEVATIONS

E 200 82.38 !

E 366 61.22 !

Elevation Difference Records

# Stations	Diff	Dist	Descriptor
L 200-210	-23.54260	4474	
L 210-246	3.23910	20040	
L 246-304	67.98400	29951	
L 304-312	-44.68440	3917	
L 312-366	-24.16830	29309	

Summary of Unadjusted Input Observations

Number of Entered Stations (FeetUS) = 2

Fixed Stations	Elev	Description
200	82.3800	
366	61.2200	

Number of Differential Level Observations (FeetUS) = 5

From	To	Elev Diff	StdErr	Length
200	210	-23.5426	0.0092	4474
210	246	3.2391	0.0195	20040
246	304	67.9840	0.0238	29951
304	312	-44.6844	0.0086	3917
312	366	-24.1683	0.0236	29309

Adjustment Statistical Summary

=====
Number of Stations = 6
Number of Observations = 5
Number of Unknowns = 4
Number of Redundant Obs = 1

Observation	Count	Sum Squares of StdRes	Error Factor
Level Data	5	0.090	0.299
Total	5	0.090	0.299

The Chi-Square Test at 5.00% Level Passed
Lower/Upper Bounds (0.031/2.241)

Adjusted Elevations and Error Propagation (FeetUS)

Station	Elev	StdDev	95%	Description
200	82.3800	0.000000	0.000000	
366	61.2200	0.000000	0.000000	
210	58.8380	0.008967	0.017576	
246	62.0799	0.018289	0.035846	
304	130.0681	0.019770	0.038748	
312	85.3842	0.019224	0.037679	

■

Adjusted Observations and Residuals

=====

Adjusted Differential Level Observations (FeetUS)

From	To	Elev Diff	Residual	StdErr	StdRes
200	210	-23.5420	0.0006	0.0092	0.1
210	246	3.2419	0.0028	0.0195	0.1
246	304	67.9882	0.0042	0.0238	0.2
304	312	-44.6839	0.0005	0.0086	0.1
312	366	-24.1642	0.0041	0.0236	0.2

Elapsed Time = 00:00:00

AVONPR-WELL.log

STAR*DNA Version 4.0.2
Copyright 2003 Starplus Software, Inc.

Input Field File : J:\2002\A020801.03\levelpak\AVONPR\AVONPR-WELL.RAW
Output Data File : J:\2002\A020801.03\STARNET\AVONPR-WELL.dat
Date Processed : 03-28-2005 09:46:54

Line	Point	Type	E	D	Sum E	Sum D	Desc
3	304	B	5.0603	18.8600	0.0000	0.0000	
4	401	F	1.5158	20.8900	3.5445	39.7500	
Line	Point	Type	E	D	Sum E	Sum D	Desc
6	401	B	1.7314	20.8700	0.0000	0.0000	
7	304	F	5.2760	18.8600	-3.5446	39.7300	

Process completed with 0 errors and 0 warnings.

Summary of Files Used and Option Settings

=====
Project Folder and Data Files

Project Name AVONPR
Project Folder J:\2002\A020801.03\STARNET
Data File List AVONPR-WELL.dat

Project Option Settings

STAR*NET Run Mode : Adjust with Error Propagation
Type of Adjustment : Lev
Project Units : FeetUS
Input/Output Coordinate Order : North-East
Create Coordinate File : Yes

Instrument Standard Error Settings

Project Default Instrument
Differential Levels : 0.010000 FeetUS / Mile

AVONPR-WELL . RAW

410539+?.....1
110540+00000304 83..11+00130070
110541+00000304 32..01+00018860 331107+00050603 52..07+0003+001
110542+00000401 32..01+00020890 332107+00015158 52..07+0003+001
110543+00000401 573..1-00002030 574..1+00039750 83..01+00133614
110544+00000401 32..01+00020870 331107+00017314 52..07+0003+003
110545+00000304 32..01+00018860 332107+00052760 52..07+0003+001
110546+00000304 573..1-00000020 574..1+00079480 83..01+00130069

Listing of Input Data

=====

[File: J:\2002\A020801.03\STARNET\AVONPR-WELL.DAT]

STAR*DNA Version 4.0.2

Copyright 2003 Starplus Software, Inc.

Input Field File : J:\2002\A020801.03\levelpak\AVONPR\AVONPR-WELL.RAW

Date Processed : 03-28-2005 09:46:54

.Units FeetUS

.Sep -

.3D

ADJUSTED NAVD88 ELEVATIONS

E 304 130.07 !

Elevation Difference Records

Stations

L 304-401

L 401-304

Diff

Dist

Descriptor

3.54450

40

-3.54460

40

Summary of Unadjusted Input Observations
=====

Number of Entered Stations (FeetUS) = 1

Fixed Stations	Elev	Description
304	130.0700	

Number of Differential Level Observations (FeetUS) = 2

From	To	Elev Diff	StdErr	Length
304	401	3.5445	0.0009	40
401	304	-3.5446	0.0009	40

Adjustment Statistical Summary

=====
Number of Stations = 2
Number of Observations = 2
Number of Unknowns = 1
Number of Redundant Obs = 1

Observation	Count	Sum Squares of StdRes	Error Factor
Level Data	2	0.007	0.081
Total	2	0.007	0.081

The Chi-Square Test at 5.00% Level Passed
Lower/Upper Bounds (0.031/2.241)

Adjusted Elevations and Error Propagation (FeetUS)

Station	Elev	StdDev	95%	Description
304	130.0700	0.000000	0.000000	
401	133.6145	0.000615	0.001206	

Adjusted Observations and Residuals

=====

Adjusted Differential Level Observations (FeetUS)

From	To	Elev Diff	Residual	StdErr	StdRes
304	401	3.5445	0.0000	0.0009	0.1
401	304	-3.5445	0.0001	0.0009	0.1

Elapsed Time = 00:00:00

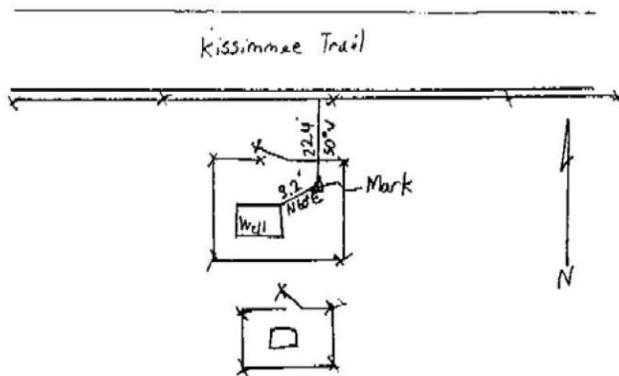


SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

COUNTY Highlands		PROJECT Avon PR		DESIGNATION AVPK 5	
SECTION <u>7</u>		TOWNSHIP <u>33S</u>		RANGE <u>31E</u>	
GEOGRAPHIC INDEX OF QUAD					
Established by <u>X</u> Recovered by Cooner & Associates, Inc.			NAME OF QUADRANGLE Lake Arbuckle (1972)		
SURVEYOR <u>RJE</u> DATE <u>3 / 18 / 2005</u>			FIELD BOOK <u>86</u> PAGE <u>28-27</u>		
HORIZONTAL DATUM: 1927 1983 Other _____ (circle one) ZONE E or W					
VERTICAL DATUM: MSL 1929 1988 Other _____ (circle one)					
CONTROL ACCURACY: HORIZONTAL 1 2 3 <u>Sub-meter</u> (circle one) VERTICAL 1 2 3					
STATE PLANE COORDINATES		X 570346.37'	Y 1198767.09'	EL. 130.07' 130.0681	
LATITUDE 27° 37' 52.79" N		LONGITUDE 081° 15' 54.20" W			
DESCRIPTION SFWMD ALUM. DISK IN CONCRETE					
To Reach:					
To reach the mark from the intersection of US Highway 27 and State Road 64, travel northeasterly along State Road 64 for 9.5 miles to the Avon Park Bombing Range. Continue into the bombing range, following the main road for 1.5 miles to a fork. Take the right road (south trail) following it past the Airforce Headquarters and Avon Park Correctional Institute. After 2.3 miles, the road crosses a bridge and becomes Kissimmee Trail. Follow Kissimmee Trail for 6.6 miles to the mark on the right, inside a fenced well area.					
Notable Land marks:					
Mark is 22.4' south of an east-west running barbed wire fence and N 60° E a distance of 3.2' from a monitoring well.					
Mark is set flush with the ground.					

SKETCH



The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.8
1      National Geodetic Survey,      Retrieval Date = NOVEMBER 21, 2015
AF6146 *****
AF6146 DESIGNATION - W 115
AF6146 PID - AF6146
AF6146 STATE/COUNTY- FL/POLK
AF6146 COUNTRY - US
AF6146 USGS QUAD - LAKE ARBUCKLE (1972)
AF6146
AF6146 *CURRENT SURVEY CONTROL
AF6146
AF6146 *-----*
AF6146* NAD 83(1986) POSITION- 27 39 21. (N) 081 23 36. (W) SCALED
AF6146* NAVD 88 ORTHO HEIGHT - 25.108 (meters) 82.38 (feet) ADJUSTED
AF6146 *-----*
AF6146 GEOID HEIGHT - -26.365 (meters) GEOID12B
AF6146 DYNAMIC HEIGHT - 25.070 (meters) 82.25 (feet) COMP
AF6146 MODELED GRAVITY - 979,132.0 (mgal) NAVD 88
AF6146
AF6146 VERT ORDER - SECOND CLASS I
AF6146
AF6146.The horizontal coordinates were scaled from a topographic map and have
AF6146.an estimated accuracy of +/- 6 seconds.
AF6146.
AF6146.The orthometric height was determined by differential leveling and
AF6146.adjusted by the NATIONAL GEODETIC SURVEY
AF6146.in June 1991.
AF6146
AF6146.Significant digits in the geoid height do not necessarily reflect accuracy.
AF6146.GEOID12B height accuracy estimate available here.
AF6146
AF6146.The dynamic height is computed by dividing the NAVD 88
AF6146.geopotential number by the normal gravity value computed on the
AF6146.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AF6146.degrees latitude (g = 980.6199 gals.).
AF6146
AF6146.The modeled gravity was interpolated from observed gravity values.
AF6146
AF6146; North East Units Estimated Accuracy
AF6146;SPC FL W - 368,220. 259,860. MT (+/- 180 meters Scaled)
AF6146
AF6146 SUPERSEDED SURVEY CONTROL
AF6146
AF6146 NGVD 29 (??/??/92) 25.409 (m) 83.36 (f) ADJ UNCH 2 0
AF6146
AF6146.Superseded values are not recommended for survey control.
AF6146
AF6146.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
AF6146.See file dsdata.txt to determine how the superseded data were derived.
AF6146
AF6146_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RML612591(NAD 83)
AF6146
AF6146_MARKER: DB = BENCH MARK DISK
AF6146_SETTING: 32 = SET IN A RETAINING WALL OR CONCRETE LEDGE
AF6146_SP_SET: CULVERT HEADWALL
AF6146_STAMPING: W 115 1945
AF6146_MARK LOGO: CGS
AF6146_MAGNETIC: N = NO MAGNETIC MATERIAL

```

AF6146_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 AF6146+STABILITY: SURFACE MOTION
 AF6146_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 AF6146+SATELLITE: SATELLITE OBSERVATIONS - July 03, 2006

AF6146
 AF6146 HISTORY - Date Condition Report By
 AF6146 HISTORY - 1945 MONUMENTED CGS
 AF6146 HISTORY - 20031003 GOOD FL-105
 AF6146 HISTORY - 20050308 GOOD INDIV
 AF6146 HISTORY - 20060703 GOOD FLDEP
 AF6146 HISTORY - 20111113 GOOD PICKET

AF6146
 AF6146 STATION DESCRIPTION

AF6146'DESCRIBED BY COAST AND GEODETIC SURVEY 1945
 AF6146'8.4 MI NE FROM AVON PARK.
 AF6146'8.4 MILES NORTHEAST ALONG FLORIDA HIGHWAY NO 567 FROM THE
 AF6146'ATLANTIC COAST LINE RAILWAY STATION IN AVON PARK. A BRONZE DISK
 AF6146'SET IN THE NORTH END OF EAST HEADWALL OF CONCRETE CULVERT.
 AF6146'NOTE-- A NEW PAVED ROAD HAS BEEN BUILT SUPERCEDING THE OLD DIRT
 AF6146'ROAD.

AF6146
 AF6146 STATION RECOVERY (2003)

AF6146
 AF6146'RECOVERY NOTE BY POLK COUNTY FLORIDA 2003 (RWY)
 AF6146'RECOVERED AS DESCRIBED. RECOVERY NOTE BY POLK COUNTY PROPERTY
 AF6146'APPRAISER GIS DEPARTMENT.

AF6146
 AF6146 STATION RECOVERY (2005)

AF6146
 AF6146'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2005
 AF6146'RECOVERED IN EAST END OF SOUTH HEADWALL OF A CONCRETE CULVERT RUNNING
 AF6146'UNDER STATE ROAD 64. RECOVERY NOTE BY COONER AND ASSOCIATES, INC.

AF6146
 AF6146 STATION RECOVERY (2006)

AF6146
 AF6146'RECOVERY NOTE BY FL DEPT OF ENV PRO 2006 (BPJ)
 AF6146'THE MARK IS ABOUT 8.0 MI NORTHEAST OF AVON PARK, IN SECTION 35,
 AF6146'TOWNSHIP 32 SOUTH, RANGE 29 EAST.

AF6146'
 AF6146'TO REACH THE MARK FROM THE INTERSECTION OF U.S. HIGHWAY 27, STATE ROAD
 AF6146'17 SOUTH AND STATE ROAD 64 IN AVON PARK, GO EAST ON STATE ROAD 17
 AF6146'SOUTH FOR 1.3 MI TO THE JUNCTION OF COUNTY ROAD 64, CONTINUE EAST ON
 AF6146'COUNTY ROAD 64 FOR 6.85 MI TO THE JUNCTION OF EAST ARBUCKLE ROAD ON
 AF6146'THE RIGHT, CONTINUE NORTHEAST ON COUNTY ROAD 64 FOR 1.2 MI TO A
 AF6146'CULVERT CROSSING AND THE MARK ON THE RIGHT, SET FLUSH IN THE TOP OF A
 AF6146'CONCRETE CULVERT HEADWALL LEVEL WITH COUNTY ROAD 64.

AF6146'
 AF6146'LOCATED 35.4 FT SOUTHEAST OF THE APPROXIMATE CENTERLINE OF COUNTY ROAD
 AF6146'64, 12.0 FT NORTHEAST OF THE SOUTHWEST END OF A CONCRETE HEADWALL AND
 AF6146'0.4 FT NORTHWEST OF A CARSONITE WITNESS POST.

AF6146
 AF6146 STATION RECOVERY (2011)

AF6146
 AF6146'RECOVERY NOTE BY PICKETT AND ASSOCIATES 2011 (CWE)
 AF6146'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
 Elapsed Time = 00:00:02

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.8
1      National Geodetic Survey,      Retrieval Date = NOVEMBER 21, 2015
AF6150 *****
AF6150 DESIGNATION - A 116
AF6150 PID - AF6150
AF6150 STATE/COUNTY- FL/HIGHLANDS
AF6150 COUNTRY - US
AF6150 USGS QUAD - LAKE ARBUCKLE NE (1972)
AF6150
AF6150 *CURRENT SURVEY CONTROL
AF6150
AF6150 *-----
AF6150* NAD 83(1986) POSITION- 27 38 35. (N) 081 21 16. (W) SCALED
AF6150* NAVD 88 ORTHO HEIGHT - 18.659 (meters) 61.22 (feet) ADJUSTED
AF6150 *-----
AF6150 GEOID HEIGHT - -26.382 (meters) GEOID12B
AF6150 DYNAMIC HEIGHT - 18.631 (meters) 61.13 (feet) COMP
AF6150 MODELED GRAVITY - 979,132.6 (mgal) NAVD 88
AF6150
AF6150 VERT ORDER - SECOND CLASS I
AF6150
AF6150.The horizontal coordinates were scaled from a topographic map and have
AF6150.an estimated accuracy of +/- 6 seconds.
AF6150.
AF6150.The orthometric height was determined by differential leveling and
AF6150.adjusted by the NATIONAL GEODETIC SURVEY
AF6150.in June 1991.
AF6150
AF6150.Significant digits in the geoid height do not necessarily reflect accuracy.
AF6150.GEOID12B height accuracy estimate available here.
AF6150
AF6150.The dynamic height is computed by dividing the NAVD 88
AF6150.geopotential number by the normal gravity value computed on the
AF6150.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AF6150.degrees latitude (g = 980.6199 gals.).
AF6150
AF6150.The modeled gravity was interpolated from observed gravity values.
AF6150
AF6150; North East Units Estimated Accuracy
AF6150;SPC FL E - 366,710. 165,020. MT (+/- 180 meters Scaled)
AF6150
AF6150 SUPERSEDED SURVEY CONTROL
AF6150
AF6150 NGVD 29 (??/??/92) 18.963 (m) 62.21 (f) ADJ UNCH 2 0
AF6150
AF6150.Superseded values are not recommended for survey control.
AF6150
AF6150.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
AF6150.See file dsdata.txt to determine how the superseded data were derived.
AF6150
AF6150_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RML650577(NAD 83)
AF6150
AF6150_MARKER: DB = BENCH MARK DISK
AF6150_SETTING: 31 = SET IN A PAVEMENT SUCH AS STREET, SIDEWALK, CURB, ETC.
AF6150_SP_SET: PAD
AF6150_STAMPING: A 116 1945
AF6150_MARK LOGO: CGS
AF6150_MAGNETIC: N = NO MAGNETIC MATERIAL

```

DATASHEETS

AF6150_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
 AF6150_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR
 AF6150+SATELLITE: SATELLITE OBSERVATIONS - July 08, 2006

AF6150

AF6150	HISTORY	- Date	Condition	Report By
AF6150	HISTORY	- 1945	MONUMENTED	CGS
AF6150	HISTORY	- 1964	GOOD	CGS
AF6150	HISTORY	- 1975	GOOD	NGS
AF6150	HISTORY	- 20050118	GOOD	INDIV
AF6150	HISTORY	- 20060708	GOOD	FLDEP

AF6150

AF6150 STATION DESCRIPTION

AF6150

AF6150'DESCRIBED BY COAST AND GEODETIC SURVEY 1964

AF6150'15 MI NE FROM AVON PARK.

AF6150'AT AVON ARMY AIR FIELD, POLK COUNTY, AT THE EXTREME SOUTHWEST

AF6150'CORNER OF APRON C, AND IN THE TOP OF A CONCRETE RAMP. THE APRON

AF6150'IS ABOUT 0.3 MILE SOUTH OF THE HANGAR.

AF6150

AF6150 STATION RECOVERY (1975)

AF6150

AF6150'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1975

AF6150'RECOVERED IN GOOD CONDITION.

AF6150

AF6150 STATION RECOVERY (2005)

AF6150

AF6150'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2005

AF6150'RECOVERED IN GOOD CONDITION AT FENCE CORNER AT THE EXTREME SW CORNER

AF6150'OF APRON C. RECOVERY NOTE BY COONER AND ASSOCIATES, INC.

AF6150

AF6150 STATION RECOVERY (2006)

AF6150

AF6150'RECOVERY NOTE BY FL DEPT OF ENV PRO 2006 (BPJ)

AF6150'RECOVERED IN GOOD CONDITION WITH A NEW TO REACH AS FOLLOWS,

AF6150'

AF6150'TO REACH THE MARK FROM THE INTERSECTION OF U.S. HIGHWAY 27, STATE

AF6150'ROAD 17 SOUTH AND STATE ROAD 64 IN AVON PARK, GO EAST ON STATE ROAD

AF6150'17 SOUTH FOR 1.3 MI TO THE JUNCTION OF COUNTY ROAD 64, CONTINUE EAST

AF6150'ON COUNTY ROAD 64 FOR 9.25 MI TO THE AVON PARK AIR FORCE ENTRANCE

AF6150'GATE, CONTINUE EAST AND SOUTHEAST ON SOUTH BOULEVARD FOR 2.9 MI THE

AF6150'MARK ON THE LEFT.

AF6150'

AF6150'NOTE THE MARK IS IN THE SOUTHWEST CORNER OF A FENCED-IN SALVAGE YARD

AF6150'REQUIRING A KEY TO ENTER.

*** retrieval complete.

Elapsed Time = 00:00:02