

Identification_Information:

Citation:

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**Darren Townsend
Cooner & Associates**

Originator: Darren Townsend(ed.)
Publication_Date: 20050518
Publication_Time: Unknown
Title: S. F. W. M. D. Well HE-339
Publication_Information:
Publication_Place: 20060116
Publisher: None
Online_Linkage: darrent@cooner.com

Description:

Abstract:

South Florida Water Management District
HE-339

Purpose

Purpose:

To establish NAVD 88 and NGVD 29 elevations on the well from nearby, existing benchmarks. Also, to establish an on-site benchmark.

Supplemental_Information:

ACCOMPANYING DIGITAL FILES
HE-339.GEN , CORPSMET95 FILE
HE-339.MET, CORPSMET95 FILE
HE-339-2005.DOC , BENCHMARK RECOVERY FORM
HE-339.PDF , SCANNED COPIES OF
FIELD NOTES,
VERTCON CALCULATIONS (IF APPLICABLE)
HE-339.PPT , POWER POINT FILES OF WELL SITE
PICTURES
HE339.LST, LEAST SQUARES ADJUSTMENT

Time_Period_of_Content:

Time_Period_Information:

Survey Date

Range_of_Dates/Times:
Beginning_Date: 20050720
Ending_Date: 20050816

Currentness_Reference: Publication Date

Status:

Progress: Complete

Maintenance_and_Update_Frequency: Unknown

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -080°55' 09.23"
East_Bounding_Coordinate: -080°55' 07.93"
North_Bounding_Coordinate: +26°37' 27.57"
South_Bounding_Coordinate: +26°37' 26.69"

Keywords:

Theme:

Theme_Keyword_Thesaurus: None
Theme_Keyword: Record Survey
Theme_Keyword: Well Site

Place:

Place_Keyword_Thesaurus: None
Place_Keyword: SFWMD WELL HE-339
Place_Keyword: SEC. 27, TWP 44 S, RGE 34 E
Place_Keyword: HENDRY COUNTY FLORIDA

Access_Constraints: None

Use_Constraints: None

Point_of_Contact:

Contact_Information:

Elvie Ebanks

SFWMD

District

Contact_Person_Primary:
Contact_Person: Elvie Ebanks
Contact_Organization: South Florida Water Management

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

HE-339.met

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

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

Equipment Used

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 TOPCON DL-101C electronic digital level. Coordinates are based on the Florida State Plane Coordinate System, East Zone, NAD 83/99. Elevations are based on NAVD 88.

Logical_Consistency_Report:

Horizontal data was established using differentially corrected GPS signals from U.S. Coast Guard Beacon at Eggmont Key. Vertical data was established using existing NGS benchmarks HEN28 and HEN29-RM2.

Completeness_Report:

Project Results

WELL SITE

Horizontal location taken at center of pipe for well.

Lat. +26°37'27.57"

Long. -080°55'09.23"

N 832622.82 feet

E 682553.75 feet

Elevation taken on top of PVC pipe for well (cap taken off) at black mark.

15.52 feet (NAVD 88)

16.88 feet (NGVD 29) calculated using 1.36 feet offset

value based on NGS NGVD 29 adjustment of CERP

vertical network for control points HEN28 and

HEN29-RM2.

NEW SITE BENCHMARK

HE-339 is a standard SFWMD brass

disk set in top of a class "C" concrete monument, flush with the ground. A magnet was set on the south side of the monument.

From the intersection of U.S. 27/ S.R. 80

and C.R. 835 (Evercane Rd.) travel south on C.R. 835 for

9.1 miles to the Intersection of C.R. 832 and Blumberg Rd.

Turn left onto Blumberg Rd. and go 107 feet from the

centerline of C.R. 835 The mark is on the right 26 feet from

centerline of Blumberg Rd. 15.85 feet southeast of a wood

power pole. And south southwest 54.10 feet from a stop

sign at the end of Blumberg Rd.

Lat. +26°37'26.69"

Long. -080°55'07.93"

N 832534.34 feet

E 682672.05 feet

16.26 feet (NAVD 88)

17.62 feet (NGVD 29) calculated using 1.36 feet offset

value based on NGS NGVD 29 adjustment of CERP

vertical network for control points HEN28 and

HEN29-RM2.

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal

Horizontal_Positional_Accuracy_Report:

The horizontal positions of the well and set benchmark were established with differentially corrected GPS signals from U.S. Coast Guard Beacon at Eggmont Key.

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:

Level Line

Vertical_Positional_Accuracy_Report:

A level line was run originating on NGS benchmark HEN28 with an NAVD 88 elevation running through new site benchmark HE-339 and terminating on NGS benchmark

HE-339.met

HEN29 RM2 in accordance with Florida Minimum Technical Standards (Chapter 61G17-6). The pipe for the well site was then elevated by a level line originating on new site benchmark HE-339 with an newly established NAVD 88 elevation running through the top of pipe and terminating on new site benchmark HE-339 in accordance with Florida Minimum Technical Standards (Chapter 61G17-6).

Quantitative_Vertical_Positional_Accuracy_Assessment:

Vertical_Positional_Accuracy_Value: 0.003 ft

Vertical_Positional_Accuracy_Explanation: NAVD 88 level

run to set BM, 0.003 ft closure in 25323.50 ft, max. allowed 0.066 ft (MTS)

Quantitative_Vertical_Positional_Accuracy_Assessment:

Vertical_Positional_Accuracy_Value: 0.001 ft

Vertical_Positional_Accuracy_Explanation: NAVD 88 level

run from set BM to well

Lineage:

Process_Step:

Process_Description:

The horizontal work was performed using a Trimble GPS Pathfinder Pro XR receiver using U.S. Coast Guard beacon at Eggmont Key. The level line was performed using a Topcon DL-101C electronic digital level.

Process_Date: 20060130

Metadata_Reference_Information:

Metadata_Date: 20060130

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Darren Townsend

Contact_Organization: Cooner & Associates, Inc.

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

HE -339



- COONER & ASSOCIATES, INC.
- Date of photo: September 1, 2005
 - View: Looking North at BM

HE -339



- COONER & ASSOCIATES, INC.
- Date of photo: September 1, 2005
- View: Looking at top view of BM 339

HE -339



- COONER & ASSOCIATES, INC.
- Date of photo: September 1, 2005
- View: Looking at Elevation mark on well

HE -339



- COONER & ASSOCIATES, INC.
- Date of photo: September 1, 2005
 - View: Looking North at well

8-11-05

HE-339

FILE: HE339

HE 4 -
D. LOCKABILL
K. PYLE

BS	DIST	HI	FS	DIST	EL
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DESC

NAVD88

BM HEN-28 FND STAINLESS STEEL ROD IN 6" PVC
SLEEVE RECESSED ± 6" STAMPED "HEN 28"

5.276	243.86	31.496			26.22
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26.22

5.200	235.78	31.713	4.983	243.24	26.513
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TP1 (SET NAIL & CAP - REMOVED)

5.885	190.80	32.198	5.400	239.14	26.313
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TP2 (SET TEMP GOD & CAP)

5.235	222.72	32.041	5.392	209.30	26.806
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TP3 (SET TEMP GOD & CAP)

5.245	174.84	31.930	5.356	114.66	26.685
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TP4 (SET TEMP. GOD & CAP)

5.704	245.04	32.206	5.428	195.50	26.502
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TP5 (SET TEMP. GOD & CAP)

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HE-339
CONT.

HE 5
D. LOOKABILL
K. PYLE

BS	DIST	HI	FS	DIST	EL
5.087	291.34	31.849	5.444	259.80	26.762
5.698	248.10	31.941	5.606	255.18	26.243
5.163	247.18	31.829	5.275	238.20	26.666
5.622	236.16	32.395	5.056	244.10	26.713
5.071	200.76	31.565	5.901	236.08	26.494
3.647	221.36	31.019	4.193	226.78	27.372

DESC

TP6 (SET TEMP. 60d & CAP)

TP7 (SET TEMP. 60d & CAP)

TP8 (SET TEMP. 60d & CAP)

TP9 (SET TEMP. 60d & CAP)

TP 10 (SET TEMP. 60d & CAP)

HEN 29 RM 2 FND BRASS DISK ON L-1 BRIDGE
(070034) (EAST END) STAMPED "HEN 29 1983 SEWM RM 2"
PUBLISHED EL = 27.36'

8-11-05

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CONT.

HE 6
D. LOOKABILL
K. PYLE

BS	DIST	HI	FS	DIST	EL	DESC.
2.645	189.12	25.880	7.784	147.52	23.235	TP 12 (SET HUB ON S. SIDE OF 835)
4.073	257.58	23.308	6.645	237.46	19.235	TP 13 (SET HUB ON S. SIDE OF 835)
5.255	252.14	21.629	6.934	245.50	16.374	TP 14 (SET HUB ON S. SIDE OF 835)
6.711	246.66	22.924	5.416	238.06	16.213	TP 15 (SET HUB ON S. SIDE OF 835)
5.076	242.58	22.104	5.896	230.78	17.028	TP 16 (SET HUB ON S. SIDE OF 835)
5.854	219.10	22.007	5.951	243.32	16.153	TP 17 (SET HUB ON S. SIDE OF 835)

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CONT

HE 7
D. LOOKABILL
K. PYLE

BS	DIST	HI	FS	DIST	EL	DESC.
5.741	236.02	21.783	5.965	254.58	16.042	TP18 (SET HUB ON S. SIDE OF 835)
6.485	241.76	21.573	6.695	233.26	15.088	TP19 (SET HUB ON S. SIDE OF 835)
7.299	239.26	21.966	6.906	241.30	14.667	HE-339-1 5/8" IR SET 0.7 MILE EAST OF L-1 LANE ± 20' SOUTH OF SOUTH EP OF 835
					14.66' Adjusted	
8.030			7.448	152.42	14.518	TP21 (SET HUB ON S. SIDE OF 835)
3.765	222.50	22.582	6.734	244.94	15.814	TP22 (SET HUB ON S. SIDE OF 835)
4.997	237.60	22.466	5.113	242.94	17.469	TP23 (SET HUB ON S. SIDE OF 835)

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HE-339
CONT.

HE 8
D. LOOKABILL
K. PYLE

BS	DIST	HI	FS	DIST	EL	DESC.
5.499	235.60	22.631	5.334	232.36	17.132	TP 24 (SET HUB ON S. SIDE OF 835)
4.688	248.66	22.368	4.951	209.16	17.680	TP 25 (SET HUB ON S. SIDE OF 835)
4.708	237.54	21.735	5.341	188.08	17.027	TP 26 (SET HUB ON S. SIDE OF 835)
5.476	243.78	22.030	5.181	232.42	16.554	TP 27 (SET HUB ON S. SIDE OF 835)
5.033	236.64	21.655	5.408	222.70	16.622	TP 28 (SET HUB ON S. SIDE OF 835)
5.157	241.16	22.195	4.617	229.38	17.038	TP 29 (SET HUB ON S. SIDE OF 835)

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CONT.

HE 9
D. LOOKABILL
K. PYLE

BS	DIST	HI	FS	DIST	EL	DESC.
5.498	232.32	22.044	5.649	228.42	16.546	TP 30 (SET HUB ON S. SIDE OF 830)
4.229	228.30	21.331	4.942	231.08	17.102	TP 31 (SET HUB ON E. SIDE OF 830)
5.768	232.30	21.004	4.095	236.84	17.236	TP 32 (SET HUB ON S. SIDE OF 835)
5.299	116.84	22.818	3.485	200.36	17.599	TP 33 (SET HUB ON S. SIDE OF 835)

6.449	67.44	22.710	6.557	67.92	16.261	TP 34 "HE-339" FND. BRASS DIAL IN CONK. 16.26' ADJUSTED
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3.655	225.76	21.175	5.190	116.34	17.520	TP 35 (AKA TP 33)
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HE 10
D. LOOKABILL
K. PYLE

BS	DIST	HI	FS	DIST	EL	DESC.	
4.499	236.02	21.739	3.935	206.72	17.240	TP 36 (AKA TP 32)	+0.004
4.845	230.24	21.954	4.630	224.92	17.109	TP 37 (AKA TP 31)	+0.007
5.048	226.24	21.603	5.399	228.38	16.555	TP 38 (AKA TP 30)	+0.009
4.659	226.88	21.709	4.553	239.00	17.050	TP 39 (AKA TP 29)	+0.012
5.295	220.18	21.927	5.077	234.40	16.632	TP 40 (AKA TP 28)	+0.010
4.890	233.24	21.454	5.363	241.96	16.564	TP 41 (AKA TP 27)	+0.010

8-12-05

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CONT.

HE 11
D. LOOKABILL
K. DYLE

BS	DIST	HI	FS	DIST	EL	DESC.	
3.126	186.36	22.157	4.423	236.58	17.031	TP 42 (AKA 26)	+0.004
4.419	207.24	22.099	4.477	246.32	17.680	TP 43 (AKA 25)	+0.000
5.232	230.56	22.361	4.970	233.54	17.129	TP 44 (AKA 34)	+0.000
5.052	241.26	22.514	4.899	235.22	17.462	TP 45 (AKA 23)	+0.000
6.543	240.98	22.354	6.703	227.20	15.811	TP 46 (AKA 22)	-0.003
7.719	152.54	22.231	7.842	235.40	14.512	TP 47 (AKA 21)	-0.000

8-16-05

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CONT.

HE 12
D. LOOKABILL
T. ROSENBERG

BS	DIST	HI	FS	DIST	EL	DESC.	
7.655	240.92	22.312	7.574	239.12	14.657	TP48 (AKA 20)	-0.010
7.206	232.92	22.283	7.235	242.28	15.077	TP49 (AKA 19)	-0.011
6.409	255.40	22.442	6.250	236.46	16.033	TP50 (AKA TP18)	-0.003
6.235	242.16	22.385	6.292	218.64	16.150	TP51 (AKA TP17)	-0.003
6.053	230.74	23.077	5.361	243.916	17.024	TP52 (AKA TP16)	-0.004
6.809	240.78	23.024	6.862	246.66	16.215	TP53 (AKA TP15)	+0.000

8-16-05

HE-339
CONT.

HE 13
D. LOOKABILL
T. ROSENBERG

BS	DIST	HI	FS	DIST	EL	DESC	
7.278	245.66	23.651	6.651	250.88	16.373	TP 54 (AKA TP 14)	-0.001
6.771	237.28	26.003	4.419	257.50	19.232	TP 55 (AKA TP 13)	-0.003
7.702	146.26	30.933	2.772	189.34	23.231	TP 56 (AKA TP 12)	-0.004
			3.570	222.74	27.363 ^{on}	HEN 29 RM 2 (27.36)	+0.003

27.36' ADJUSTED

$$\sqrt{\frac{25323.50}{5280}} \times 0.03 = 0.066$$

070801.00

HEUDRY CUTWELLS

HE-339 WELL ELEVATION

PT	BS	HI	FS	9	12"	DESC
	4.597	20.827'		16.26'	12" CON. MAN.	HE-339 2.12'
		104.377		15.524'		
1	5.448	20.972'	5.333'	99.764'		HE-339 W
		104.712		16.261'	12" CON. MAN.	
2			9.711	168.001'		HE-339 2.12'

MISCLOSURE = + 0.001'

NO ADJUSTMENT MADE

FILE: HEUDRYCO, 7-20-05

MAPPING GRADE GTS COORDINATES

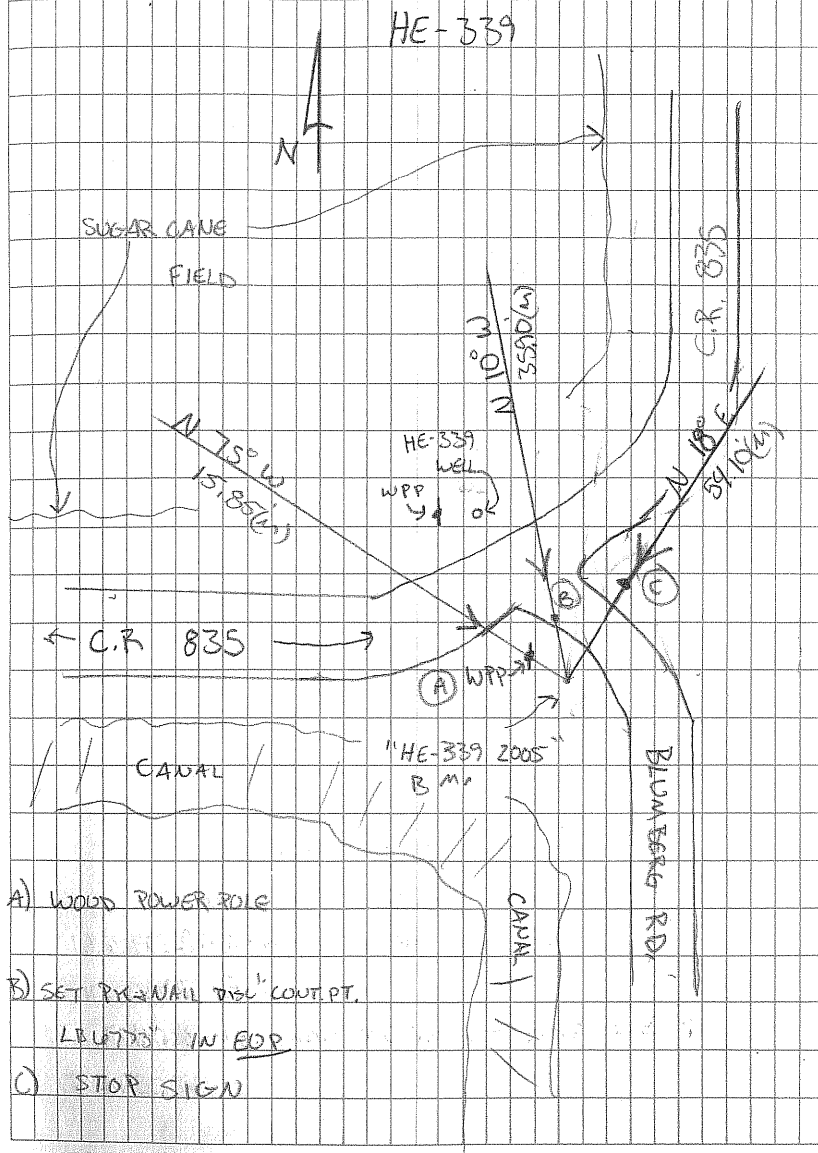
(U.S. STATE PLANE 1983, FL EAST ZONE)

1 POINT GENERIC: HE 339 BM N= 832534.34'
E= 682672.05'2 POINT GENERIC: HE 339 WELL N= 832622.82'
E= 682553.75'C. COLLINS
E. DREHMAN

FB 99

PG 4

7-20-05



From the NGS Adjustment file "ngvd29.txt" for the CERP Geodetic Vertical Control Project.
 Line/Part: L26265 SSN+: mark floated, SSN*: mark constrained, SSN#: mark floated & constrained

Mark ID	SSN	PID	Designation	Geopotential	Elevation	Codes
1896	0025	AI1526	HEN 29 RM 2	8.5779	8.7530	
1897	0026	AI1525	HEN 28	8.2386	8.4067	

The NGS Data Sheet

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

```

PROGRAM = datasheet95, VERSION = 8.7
1      National Geodetic Survey,      Retrieval Date = JUNE 29, 2015
AI1525 *****
AI1525 DESIGNATION - HEN 28
AI1525 PID - AI1525
AI1525 STATE/COUNTY- FL/HENDRY
AI1525 COUNTRY - US
AI1525 USGS QUAD - LAKE HARBOR SW (1994)
AI1525
AI1525 *CURRENT SURVEY CONTROL
AI1525
AI1525* NAD 83(1986) POSITION- 26 36 37. (N) 080 57 00. (W) SCALED
AI1525* NAVD 88 ORTHO HEIGHT - 7.991 (meters) 26.22 (feet) ADJUSTED
AI1525
AI1525 GEOID HEIGHT - -24.73 (meters) GEOID12B
AI1525 DYNAMIC HEIGHT - 7.979 (meters) 26.18 (feet) COMP
AI1525 MODELED GRAVITY - 979,092.3 (mgal) NAVD 88
AI1525
AI1525 VERT ORDER - FIRST CLASS II
AI1525
AI1525.The horizontal coordinates were scaled from a topographic map and have
AI1525.an estimated accuracy of +/- 6 seconds.
AI1525.
AI1525.The orthometric height was determined by differential leveling and
AI1525.adjusted by the NATIONAL GEODETIC SURVEY
AI1525.in October 1999.
AI1525
AI1525.The dynamic height is computed by dividing the NAVD 88
AI1525.geopotential number by the normal gravity value computed on the
AI1525.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AI1525.degrees latitude (g = 980.6199 gals.).
AI1525
AI1525.The modeled gravity was interpolated from observed gravity values.
AI1525
AI1525; North East Units Estimated Accuracy
AI1525;SPC FL E - 252,230. 204,980. MT (+/- 180 meters Scaled)
AI1525
AI1525 SUPERSEDED SURVEY CONTROL
AI1525
AI1525.No superseded survey control is available for this station.
AI1525
AI1525_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNK049432(NAD 83)
AI1525
AI1525_MARKER: F = FLANGE-ENCASED ROD
AI1525_SETTING: 49 = STAINLESS STEEL ROD W/O SLEEVE (10 FT.+)
AI1525_STAMPING: BM HEN-28 1983 SFLWMD
AI1525_MARK LOGO: SFLWMD
AI1525_PROJECTION: RECESSED 15 CENTIMETERS
AI1525_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET
AI1525_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
AI1525_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
AI1525+SATELLITE: SATELLITE OBSERVATIONS - March 05, 2009
AI1525_ROD/PIPE-DEPTH: 12.8 meters
AI1525
AI1525 HISTORY - Date Condition Report By
AI1525 HISTORY - 1983 MONUMENTED SFLWMD
AI1525 HISTORY - 19961002 GOOD FLDEP
    
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AI1525	HISTORY	-	20020221	GOOD	FLDEP
AI1525	HISTORY	-	20050811	GOOD	INDIV
AI1525	HISTORY	-	20090305	GOOD	PICKET

AI1525

AI1525

STATION DESCRIPTION

AI1525

AI1525'DESCRIBED BY FL DEPT OF ENV PRO 1996 (VAJ)

AI1525'THE MARK IS ABOUT 18.1 MI (29.1 KM) WEST-SOUTHWEST OF BELLE GLADE,
 AI1525'10.0 MI (16.1 KM) SOUTH OF CLEWISTON IN SECTION 33, TOWNSHIP 45 SOUTH,
 AI1525'RANGE 34 EAST. TO REACH THE MARK FROM THE POST OFFICE IN LAKE HARBOR,
 AI1525'GO SOUTHERLY ON MIAMI CANAL ROAD (WEST SIDE OF CANAL) FOR 0.65 MI
 AI1525'(1.05 KM) TO THE END OF THE PAVEMENT, CONTINUE SOUTH ON MIAMI CANAL
 AI1525'ROAD FOR 2.35 MI (3.78 KM) TO THE JUNCTION OF ROGERS ROAD ON THE
 AI1525'RIGHT, TURN RIGHT ON ROGERS ROAD AND GO WEST FOR 3.8 MI (6.1 KM) TO
 AI1525'THE PALM BEACH-HENDRY COUNTY LINE, CONTINUE WEST ON ROGERS ROAD FOR
 AI1525'0.95 MI (1.53 KM) TO A SHARP CURVE RIGHT, CONTINUE THRU THE CURVE
 AI1525'RIGHT AND GO NORTH THEN WEST ON ROGERS ROAD FOR 0.05 (CROSSING OVER
 AI1525'THE L1-E CANAL BRIDGE) TO THE Y-JUNCTION OF COUNTY ROAD 832, CONTINUE
 AI1525'WEST ON COUNTY ROAD 832 FOR 1.0 MI (1.6 KM) TO THE APPROXIMATE CENTER
 AI1525'OF A SHARP CURVE LEFT AND BRIDGE NUMBER 302 OVER THE L1-E CANAL,
 AI1525'CONTINUE THRU THE CURVE LEFT AND GO SOUTH ON COUNTY ROAD 832 FOR 1.95
 AI1525'MI (3.14 KM) TO A SHARP CURVE RIGHT, CONTINUE THRU THE CURVE RIGHT AND
 AI1525'GO WEST ON COUNTY ROAD 832 FOR 2.0 MI (3.2 KM) TO THE L-2 CANAL AND
 AI1525'THE LEVEE ROAD ON THE LEFT (EAST SIDE OF CANAL) , TURN LEFT ON LEVEE
 AI1525'ROAD NUMBER L-2 AND GO SOUTH FOR 1.0 MI (1.6 KM) TO A TURNOUT ON THE
 AI1525'TOP OF THE LEVEE AND THE MARK ON THE RIGHT, SET IN THE APPROXIMATE
 AI1525'CENTER OF THE TURNOUT, A STAINLESS STEEL ROD DRIVEN INTO THE GROUND,
 AI1525'ENCASED IN A 6-INCH PVC PIPE RECESSED 0.2 FT (6.1 CM) BELOW THE LEVEL
 AI1525'OF THE GROUND, THE DATUM POINT IS RECESSED 0.6 FT (18.3 CM) BELOW THE
 AI1525'LEVEL OF THE 6-INCH PVC SCREW CAP. LOCATED 52.1 FT (15.9 M) NORTH OF
 AI1525'THE APPROXIMATE SOUTH END OF THE TURNOUT, 48.0 FT (14.6 M) SOUTH OF
 AI1525'THE APPROXIMATE NORTH END OF THE TURNOUT, 43.5 FT (13.3 M) WEST OF THE
 AI1525'APPROXIMATE CENTERLINE OF THE DIRT ROAD AT THE TOE OF THE LEVEE, 30.0
 AI1525'FT (9.1 M) WEST OF A CARSONITE WITNESS POST AND 13.0 FT (4.0 M) EAST
 AI1525'OF THE APPROXIMATE CENTERLINE OF THE DIM TRACK ROAD AT THE TOP OF THE
 AI1525'LEVEE. NOTE ACCESS TO DATUM POINT IS HAD THROUGH A 6-INCH PVC SCREW
 AI1525'CAP. CONTACT GENE TANNER, SOUTH FLORIDA WATER MANAGEMENT, REGIONAL
 AI1525'DIRECTOR, CLEWISTON FIELD STATION, PHONE NUMBER 813-983-1431.

AI1525

STATION RECOVERY (2002)

AI1525

AI1525'RECOVERY NOTE BY FL DEPT OF ENV PRO 2002 (JLM)

AI1525'THE MARK IS ABOUT 18.1 MI WEST-SOUTHWEST OF BELLE GLADE, 10.0 MI SOUTH
 AI1525'OF CLEWISTON, IN
 AI1525'SECTION 33, TOWNSHIP 45 SOUTH, RANGE 34 EAST.

AI1525'

AI1525'TO REACH THE MARK FROM THE JUNCTION OF U.S. HIGHWAY 27 AND COUNTY ROAD
 AI1525'835 ON THE

AI1525'SOUTH SIDE OF CLEWISTON, GO WEST ON COUNTY ROAD 835 FOR 6.7 MI TO THE
 AI1525'JUNCTION OF

AI1525'ROGERS ROAD ON THE LEFT AND A CURVE TO THE RIGHT, BEAR RIGHT AND
 AI1525'CONTINUE WEST ON

AI1525'COUNTY ROAD 835 FOR 2.95 MI TO THE JUNCTION OF BLUMBERG ROAD ON THE
 AI1525'LEFT, CONTINUE WEST

AI1525'ON COUNTY ROAD 835 FOR 1.9 MI TO THE JUNCTION OF LEVEE ROAD L-1 ON THE
 AI1525'LEFT, THE EAST END

AI1525'OF BRIDGE NUMBER 070034 AND THE JUNCTION OF LEVEE L-1 ON THE RIGHT (ON
 AI1525'THE EAST SIDE OF

AI1525'CANAL), TURN LEFT ON LEVEE L-1 AND GO SOUTH FOR 1.0 MI TO A TURNOUT ON
 AI1525'THE LEFT AND THE

AI1525'MARK ON THE LEFT, SET IN THE APPROXIMATE CENTER OF THE TURNOUT, A
 AI1525'STAINLESS STEEL ROD

AI1525'DRIVEN INTO THE GROUND ENCASED IN A 6-INCH PVC PIPE RECESSED 0.6 FT
 AI1525'BELOW THE LEVEL OF

AI1525'THE GROUND AND BELOW THE LEVEL OF THE LEVEE ROAD, THE DATUM POINT IS
 AI1525'RECESSED 0.6 FT

From the NGS Adjustment file "ngvd29.txt" for the CERP Geodetic Vertical Control Project.
 Line/Part: L26265 SSN+: mark floated, SSN*: mark constrained, SSN#: mark floated & constrained

Mark ID	SSN	PID	Designation	Geopotential	Elevation	Codes
1896	0025	AI1526	HEN 29 RM 2	8.5779	8.7530	
1897	0026	AI1525	HEN 28	8.2386	8.4067	

The NGS Data Sheet

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

```

PROGRAM = datasheet95, VERSION = 8.7
1      National Geodetic Survey,      Retrieval Date = JUNE 29, 2015
AI1526 *****
AI1526 DESIGNATION - HEN 29 RM 2
AI1526 PID - AI1526
AI1526 STATE/COUNTY- FL/HENDRY
AI1526 COUNTRY - US
AI1526 USGS QUAD - LAKE HARBOR SW (1994)
AI1526
AI1526 *CURRENT SURVEY CONTROL
AI1526
AI1526* NAD 83(1986) POSITION- 26 37 25. (N) 080 57 00. (W) SCALED
AI1526* NAVD 88 ORTHO HEIGHT - 8.338 (meters) 27.36 (feet) ADJUSTED
AI1526
AI1526 GEOID HEIGHT - -24.73 (meters) GEOID12B
AI1526 DYNAMIC HEIGHT - 8.325 (meters) 27.31 (feet) COMP
AI1526 MODELED GRAVITY - 979,094.1 (mgal) NAVD 88
AI1526
AI1526 VERT ORDER - FIRST CLASS II
AI1526
AI1526.The horizontal coordinates were scaled from a topographic map and have
AI1526.an estimated accuracy of +/- 6 seconds.
AI1526.
AI1526.The orthometric height was determined by differential leveling and
AI1526.adjusted by the NATIONAL GEODETIC SURVEY
AI1526.in October 1999.
AI1526
AI1526.The dynamic height is computed by dividing the NAVD 88
AI1526.geopotential number by the normal gravity value computed on the
AI1526.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AI1526.degrees latitude (g = 980.6199 gals.).
AI1526
AI1526.The modeled gravity was interpolated from observed gravity values.
AI1526
AI1526; North East Units Estimated Accuracy
AI1526;SPC FL E - 253,700. 204,980. MT (+/- 180 meters Scaled)
AI1526
AI1526 SUPERSEDED SURVEY CONTROL
AI1526
AI1526.No superseded survey control is available for this station.
AI1526
AI1526_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNK049447(NAD 83)
AI1526
AI1526_MARKER: DD = SURVEY DISK
AI1526_SETTING: 31 = SET IN A PAVEMENT SUCH AS STREET, SIDEWALK, CURB, ETC.
AI1526_SP_SET: BRIDGE WALKWAY
AI1526_STAMPING: HEN 29 RM 2 1983 SFWMD
AI1526_MARK LOGO: FLSRD
AI1526_MAGNETIC: O = OTHER; SEE DESCRIPTION
AI1526_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
AI1526_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
AI1526+SATELLITE: SATELLITE OBSERVATIONS - February 21, 2002
AI1526
AI1526 HISTORY - Date Condition Report By
AI1526 HISTORY - 1983 MONUMENTED FLSRD
AI1526 HISTORY - 19961002 GOOD FLDEP
AI1526 HISTORY - 20020221 GOOD FLDEP
    
```


AI1526 HISTORY - 20050811 GOOD INDIV

AI1526

AI1526 STATION DESCRIPTION

AI1526

AI1526'DESCRIBED BY FL DEPT OF ENV PRO 1996 (VAJ)

AI1526'THE MARK IS ABOUT 17.9 MI (28.8 KM) WEST-SOUTHWEST OF BELLE GLADE, 8.9

AI1526'MI (14.3 KM) SOUTH OF CLEWISTON IN SECTION 28, TOWNSHIP 44 SOUTH,

AI1526'RANGE 34 EAST. TO REACH THE MARK FROM THE POST OFFICE IN LAKE HARBOR,

AI1526'GO SOUTHERLY ON THE MIAMI CANAL ROAD (WEST SIDE OF CANAL) FOR 0.65 MI

AI1526'(1.05 KM) TO THE END OF THE PAVEMENT, CONTINUE SOUTH ON THE MIAMI

AI1526'CANAL ROAD FOR 2.35 MI (3.78 KM) TO THE JUNCTION OF ROGERS ROAD ON THE

AI1526'RIGHT, TURN RIGHT ON ROGERS ROAD AND GO WEST FOR 3.8 MI (6.1 KM) TO

AI1526'THE PALM BEACH-HENDRY COUNTY LINE, CONTINUE WEST ON ROGERS ROAD FOR

AI1526'0.95 MI (1.53 KM) TO A SHARP CURVE RIGHT, CONTINUE THRU THE CURVE

AI1526'RIGHT AND GO NORTH THEN WEST ON ROGERS ROAD FOR 0.05 (CROSSING OVER

AI1526'THE L1-E CANAL BRIDGE) TO THE Y-JUNCTION OF COUNTY ROAD 832, CONTINUE

AI1526'WEST ON COUNTY ROAD 832 FOR 1.0 MI (1.6 KM) TO THE APPROXIMATE CENTER

AI1526'OF A SHARP CURVE LEFT AND BRIDGE NUMBER 302 OVER THE L1-E CANAL,

AI1526'CONTINUE THRU THE CURVE LEFT AND GO SOUTH ON COUNTY ROAD 832 FOR 1.95

AI1526'MI (3.14 KM) TO A SHARP CURVE RIGHT, CONTINUE THRU THE CURVE RIGHT AND

AI1526'GO WEST ON COUNTY ROAD 832 FOR 2.0 MI (3.2 KM) TO A BRIDGE CROSSING

AI1526'OVER THE L-2 CANAL ON THE LEFT (SOUTH) AND THE L-1 CANAL CROSS OVER

AI1526'BRIDGE ON THE RIGHT (NORTH) AND THE MARK SET IN THE NORTHEAST CORNER

AI1526'OF THE L-1 BRIDGE, SET FLUSH IN THE FOOTER OF THE NORTH CONCRETE

AI1526'GUARDRAIL OF THE BRIDGE AND 0.8 FT (24.4 CM) ABOVE THE LEVEL OF COUNTY

AI1526'ROAD 832. LOCATED 126.4 FT (38.5 M) EAST OF THE WEST END OF THE NORTH

AI1526'CONCRETE GUARDRAIL, 12.5 FT (3.8 M) NORTH OF THE APPROXIMATE

AI1526'CENTERLINE OF COUNTY ROAD 832 AND 0.6 FT (18.3 CM) WEST OF THE EAST

AI1526'END OF THE NORTH CONCRETE GUARDRAIL.

AI1526

AI1526 STATION RECOVERY (2002)

AI1526

AI1526'RECOVERY NOTE BY FL DEPT OF ENV PRO 2002 (JLM)

AI1526'THE MARK IS ABOUT 17.9 MI WEST-SOUTHWEST OF BELLE GLADE, 8.9 MI SOUTH

AI1526'OF CLEWISTON, IN

AI1526'SECTION 28, TOWNSHIP 44 SOUTH, RANGE 34 EAST.

AI1526'

AI1526'TO REACH THE MARK FROM THE JUNCTION OF U.S. HIGHWAY 27 AND COUNTY ROAD

AI1526'835 ON THE

AI1526'SOUTH SIDE OF CLEWISTON, GO WEST ON COUNTY ROAD 835 FOR 6.7 MI TO THE

AI1526'JUNCTION OF

AI1526'ROGERS ROAD ON THE LEFT AND A CURVE TO THE RIGHT, BEAR RIGHT AND

AI1526'CONTINUE WEST ON

AI1526'COUNTY ROAD 835 FOR 2.95 MI TO THE JUNCTION OF BLUMBERG ROAD ON THE

AI1526'LEFT, CONTINUE WEST

AI1526'ON COUNTY ROAD 835 FOR 1.9 MI TO THE JUNCTION OF LEVEE ROAD L-1 ON THE

AI1526'LEFT, THE EAST END

AI1526'OF BRIDGE NUMBER 070034 AND THE JUNCTION OF LEVEE L-1 ON THE RIGHT (ON

AI1526'THE EAST SIDE OF

AI1526'CANAL) AND THE MARK ON THE RIGHT, SET FLUSH IN THE TOP OF THE

AI1526'NORTHEAST CORNER OF THE

AI1526'BRIDGE WALKWAY, 0.8 FT ABOVE THE LEVEL OF COUNTY ROAD 835.

AI1526'

AI1526'LOCATED 126.4 EAST OF THE WEST END OF THE NORTH CONCRETE GUARDRAIL,

AI1526'12.5 FT NORTH OF

AI1526'THE APPROXIMATE CENTERLINE OF COUNTY ROAD 835 AND 0.6 FT WEST OF THE

AI1526'EAST END OF THE

AI1526'NORTH CONCRETE GUARDRAIL.

AI1526'

AI1526'

AI1526'

AI1526'

AI1526

AI1526 STATION RECOVERY (2005)

AI1526

AI1526'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2005 (DL)

AI1526'RECOVERED AS DESCRIBED

*** retrieval complete.
Elapsed Time = 00:00:01

STAR*NET-LEV Version 6.0.25
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Run Date: Tue Dec 20 2005 11:35:57

Summary of Files Used and Option Settings

=====

Project Folder and Data Files

Project Name HE339
Project Folder J:\2002\A020801.06\STARNET
Data File List HE339.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

=====

[File: J:\2002\A020801.06\STARNET\HE339.DAT]

.Units FeetUS

.Sep -

.3D

#NAVD88 BM ELEVATIONS

E HEN28 26.22 !

E HEN29RM2 27.36 !

#ELEVATION DIFFERENCE RECORDS

#STATIONS	DIFF	DIST	DESCRIPTOR
L HEN28-1	0.29300	487.10000	
L 1-2	-0.20000	474.92000	
L 2-3	0.49300	400.10000	
L 3-4	-0.12100	337.38000	
L 4-5	-0.18300	370.34000	
L 5-6	0.26000	504.84000	
L 6-7	-0.51900	546.52000	
L 7-8	0.42300	486.30000	
L 8-9	0.10700	491.28000	
L 9-10	-0.27900	472.24000	
L 10-11	0.87800	427.54000	
L 11-12	-4.13700	368.88000	
L 12-13	-4.00000	426.58000	
L 13-14	-2.86100	503.08000	
L 14-15	-0.16100	490.20000	
L 15-16	0.81500	477.44000	
L 16-17	-0.87500	485.90000	
L 17-18	-0.11100	473.68000	
L 18-19	-0.95400	469.28000	
L 19-20	-0.42100	483.06000	
L 20-21	-0.14900	391.68000	
L 21-22	1.29600	485.10000	
L 22-23	1.65500	475.14000	
L 23-24	-0.33700	469.96000	
L 24-25	0.54800	444.76000	
L 25-26	-0.65300	436.74000	
L 26-27	-0.47300	469.96000	
L 27-28	0.06800	466.48000	
L 28-29	0.41600	466.02000	
L 29-30	-0.49200	469.58000	
L 30-31	0.55600	463.40000	
L 31-32	0.13400	465.14000	
L 32-33	0.28300	432.66000	
L 33-34	-1.25800	184.76000	
L 34-35	1.25900	183.78000	
L 35-36	-0.28000	432.48000	
L 36-37	-0.13100	460.94000	
L 37-38	-0.55400	458.62000	
L 38-39	0.49500	465.24000	
L 39-40	-0.41800	461.28000	
L 40-41	-0.06800	462.14000	
L 41-42	0.46700	469.82000	
L 42-43	0.64900	432.68000	
L 43-44	-0.55100	440.78000	
L 44-45	0.33300	465.78000	
L 45-46	-1.65100	468.46000	
L 46-47	-1.29900	476.38000	
L 47-48	0.14500	391.66000	

L	48-49	0.42000	483.20000
L	49-50	0.95600	469.38000
L	50-51	0.11700	474.04000
L	51-52	0.87400	486.12000
L	52-53	-0.80900	477.40000
L	53-54	0.15800	491.66000
L	54-55	2.85900	503.16000
L	55-56	3.99900	426.62000
L	56-HEN29RM2	4.13200	369.00000

Summary of Unadjusted Input Observations
 =====

Number of Entered Stations (FeetUS) = 2

Fixed Stations	Elev	Description
HEN28	26.2200	
HEN29RM2	27.3600	

Number of Differential Level Observations (FeetUS) = 57

From	To	Elev Diff	StdErr	Length
HEN28	1	0.2930	0.0030	487
1	2	-0.2000	0.0030	475
2	3	0.4930	0.0028	400
3	4	-0.1210	0.0025	337
4	5	-0.1830	0.0026	370
5	6	0.2600	0.0031	505
6	7	-0.5190	0.0032	547
7	8	0.4230	0.0030	486
8	9	0.1070	0.0031	491
9	10	-0.2790	0.0030	472
10	11	0.8780	0.0028	428
11	12	-4.1370	0.0026	369
12	13	-4.0000	0.0028	427
13	14	-2.8610	0.0031	503
14	15	-0.1610	0.0030	490
15	16	0.8150	0.0030	477
16	17	-0.8750	0.0030	486
17	18	-0.1110	0.0030	474
18	19	-0.9540	0.0030	469
19	20	-0.4210	0.0030	483
20	21	-0.1490	0.0027	392
21	22	1.2960	0.0030	485
22	23	1.6550	0.0030	475
23	24	-0.3370	0.0030	470
24	25	0.5480	0.0029	445
25	26	-0.6530	0.0029	437
26	27	-0.4730	0.0030	470
27	28	0.0680	0.0030	466
28	29	0.4160	0.0030	466
29	30	-0.4920	0.0030	470
30	31	0.5560	0.0030	463
31	32	0.1340	0.0030	465
32	33	0.2830	0.0029	433
33	34	-1.2580	0.0019	185
34	35	1.2590	0.0019	184
35	36	-0.2800	0.0029	432
36	37	-0.1310	0.0030	461
37	38	-0.5540	0.0029	459
38	39	0.4950	0.0030	465
39	40	-0.4180	0.0030	461
40	41	-0.0680	0.0030	462
41	42	0.4670	0.0030	470
42	43	0.6490	0.0029	433
43	44	-0.5510	0.0029	441
44	45	0.3330	0.0030	466
45	46	-1.6510	0.0030	468
46	47	-1.2990	0.0030	476
47	48	0.1450	0.0027	392
48	49	0.4200	0.0030	483
49	50	0.9560	0.0030	469

50	51	0.1170	0.0030	474
51	52	0.8740	0.0030	486
52	53	-0.8090	0.0030	477
53	54	0.1580	0.0031	492
54	55	2.8590	0.0031	503
55	56	3.9990	0.0028	427
56	HEN29RM2	4.1320	0.0026	369

Adjustment Statistical Summary
=====

Number of Stations = 58
Number of Observations = 57
Number of Unknowns = 56
Number of Redundant Obs = 1

Observation	Count	Sum Squares of StdRes	Error Factor
Level Data	57	0.019	0.136
Total	57	0.019	0.136

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
HEN28            26.2200        0.000000        0.000000
HEN29RM2        27.3600        0.000000        0.000000
1                26.5129        0.003008        0.005896
2                26.3129        0.004187        0.008207
3                26.8058        0.004942        0.009686
4                26.6848        0.005481        0.010743
5                26.5018        0.006002        0.011764
6                26.7617        0.006622        0.012979
7                26.2426        0.007204        0.014119
8                26.6656        0.007660        0.015013
9                26.7725        0.008073        0.015823
10               26.4935        0.008431        0.016525
11               27.3714        0.008726        0.017103
12               23.2344        0.008961        0.017563
13               19.2343        0.009211        0.018054
14               16.3733        0.009480        0.018580
15               16.2122        0.009716        0.019043
16               17.0271        0.009923        0.019449
17               16.1521        0.010112        0.019820
18               16.0410        0.010277        0.020143
19               15.0870        0.010422        0.020427
20               14.6659        0.010553        0.020684
21               14.5169        0.010647        0.020867
22               15.8128        0.010746        0.021062
23               17.4678        0.010827        0.021221
24               17.1307        0.010892        0.021348
25               17.6787        0.010939        0.021440
26               17.0256        0.010972        0.021504
27               16.5525        0.010993        0.021545
28               16.6205        0.010999        0.021557
29               17.0364        0.010990        0.021540
30               16.5444        0.010966        0.021494
31               17.1003        0.010928        0.021419
32               17.2343        0.010875        0.021315
33               17.5172        0.010813        0.021192
34               16.2592        0.010782        0.021132
35               17.5182        0.010749        0.021067
36               17.2381        0.010661        0.020896
37               17.1071        0.010553        0.020683
38               16.5530        0.010428        0.020439
39               17.0480        0.010286        0.020159
40               16.6299        0.010126        0.019847
41               16.5619        0.009948        0.019498
42               17.0288        0.009747        0.019104
43               17.6778        0.009543        0.018704
44               17.1267        0.009315        0.018258
45               17.4596        0.009051        0.017740
46               15.8086        0.008759        0.017168
47               14.5095        0.008432        0.016526
48               14.6545        0.008138        0.015950
49               15.0744        0.007739        0.015168
50               16.0304        0.007308        0.014324
51               16.1473        0.006822        0.013370
52               17.0213        0.006256        0.012262
53               16.2122        0.005615        0.011006
54               16.3702        0.004832        0.009470
55               19.2291        0.003821        0.007489
56               23.2280        0.002624        0.005144

```

Adjusted Observations and Residuals

=====

Adjusted Differential Level Observations (FeetUS)

From	To	Elev Diff	Residual	StdErr	StdRes
HEN28	1	0.2929	-0.0001	0.0030	0.0
1	2	-0.2001	-0.0001	0.0030	0.0
2	3	0.4930	-0.0000	0.0028	0.0
3	4	-0.1210	-0.0000	0.0025	0.0
4	5	-0.1830	-0.0000	0.0026	0.0
5	6	0.2599	-0.0001	0.0031	0.0
6	7	-0.5191	-0.0001	0.0032	0.0
7	8	0.4229	-0.0001	0.0030	0.0
8	9	0.1069	-0.0001	0.0031	0.0
9	10	-0.2791	-0.0001	0.0030	0.0
10	11	0.8779	-0.0001	0.0028	0.0
11	12	-4.1370	-0.0000	0.0026	0.0
12	13	-4.0001	-0.0001	0.0028	0.0
13	14	-2.8611	-0.0001	0.0031	0.0
14	15	-0.1611	-0.0001	0.0030	0.0
15	16	0.8149	-0.0001	0.0030	0.0
16	17	-0.8751	-0.0001	0.0030	0.0
17	18	-0.1111	-0.0001	0.0030	0.0
18	19	-0.9541	-0.0001	0.0030	0.0
19	20	-0.4211	-0.0001	0.0030	0.0
20	21	-0.1490	-0.0000	0.0027	0.0
21	22	1.2959	-0.0001	0.0030	0.0
22	23	1.6549	-0.0001	0.0030	0.0
23	24	-0.3371	-0.0001	0.0030	0.0
24	25	0.5479	-0.0001	0.0029	0.0
25	26	-0.6531	-0.0001	0.0029	0.0
26	27	-0.4731	-0.0001	0.0030	0.0
27	28	0.0679	-0.0001	0.0030	0.0
28	29	0.4159	-0.0001	0.0030	0.0
29	30	-0.4921	-0.0001	0.0030	0.0
30	31	0.5559	-0.0001	0.0030	0.0
31	32	0.1339	-0.0001	0.0030	0.0
32	33	0.2829	-0.0001	0.0029	0.0
33	34	-1.2580	-0.0000	0.0019	0.0
34	35	1.2590	-0.0000	0.0019	0.0
35	36	-0.2801	-0.0001	0.0029	0.0
36	37	-0.1311	-0.0001	0.0030	0.0
37	38	-0.5541	-0.0001	0.0029	0.0
38	39	0.4949	-0.0001	0.0030	0.0
39	40	-0.4181	-0.0001	0.0030	0.0
40	41	-0.0681	-0.0001	0.0030	0.0
41	42	0.4669	-0.0001	0.0030	0.0
42	43	0.6489	-0.0001	0.0029	0.0
43	44	-0.5511	-0.0001	0.0029	0.0
44	45	0.3329	-0.0001	0.0030	0.0
45	46	-1.6511	-0.0001	0.0030	0.0
46	47	-1.2991	-0.0001	0.0030	0.0
47	48	0.1450	-0.0000	0.0027	0.0
48	49	0.4199	-0.0001	0.0030	0.0
49	50	0.9559	-0.0001	0.0030	0.0
50	51	0.1169	-0.0001	0.0030	0.0
51	52	0.8739	-0.0001	0.0030	0.0
52	53	-0.8091	-0.0001	0.0030	0.0
53	54	0.1579	-0.0001	0.0031	0.0
54	55	2.8589	-0.0001	0.0031	0.0
55	56	3.9989	-0.0001	0.0028	0.0

56 HEN29RM2 4.1320 -0.0000 0.0026 0.0

Elapsed Time = 00:00:00

→16

41

01 00000000 Top of File
01 00000006 Summary of Files Used and Option Settings
02 00000009 Project Folder and Data Files
02 00000015 Project Option Settings
02 00000023 Instrument Standard Error Settings
03 00000025 Project Default Instrument
01 00000028 Listing of Input Data
01 00000100 Summary of Unadjusted Input Observations
02 00000103 Entered Stations
03 00000105 Fixed Elevations
02 00000109 Differential Level Observations
01 00000170 Adjustment Statistical Summary
01 00000188 Adjusted Elevations and Error Propagation
01 00000251 Adjusted Observations and Residuals
02 00000254 Adjusted Differential Level Observations
01 00000314 End of File
000041E7
STARPLUS
0000F15B

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