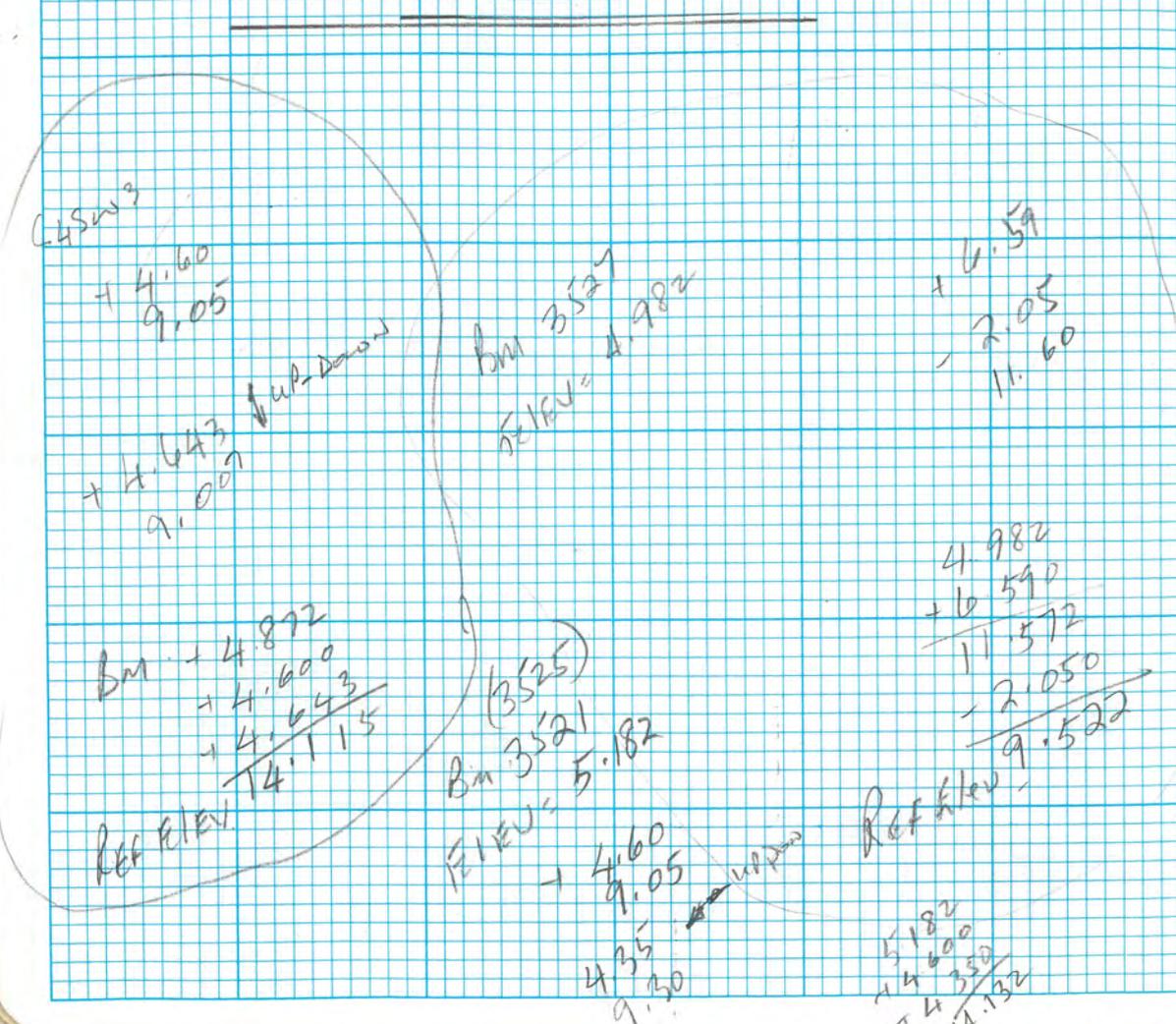


Sec. 32 TWP 34 RGE 32 Ebanks  
Ehmkc

Verify Ref Elevation for GW well  
OK - 17

hgt	+	H.I.	-	Elev.	Remarks
				<b>47.962 NAVD88</b>	
Bm OK 17	4.91 8.74	54.064		47.154	FWD. GOOD
TOP 4" PVC WELL (REF Pt)		1.315		52.749	(52.675)
				<b>51.558 NAVD88</b>	



hgt. TWP 34 RGE 39 Ebanks  
Popescu

Establish Ref Elevation for Monitoring  
Well CASW1 (C-4 MIREAGRO AREA)

hgt	+	H.I.	-	Elev.	Remarks
Bm 3524	10.69 8.955	<del>15.502</del> 17.099		<del>4.872</del> 6.409	WELL MARK 3524" on CAP (4-14-05)
TO MARK WELL		2.59 11.06		<del>12.472</del> 14.509	C4SW1
Bm 3524		10.69 8.955			
<u>CASW3</u>					
Bm CASW3	4.60 9.05			9.472	4.872
MARK TOP OF WELL PLATFORM	4.643 9.007				14.115 (ROADSIDE DOWN)
<u>CASW3</u>					
Bm 3527	6.59 7.06			11.592	6.982 (WELL SIDE CAP)
MARK TOP 4" PIPE		2.05 11.60			9.552
<u>CASW3</u>					
Bm 3525	4.60 9.05			9.782	5.182 #3521 written on Lath Marker
MARK TOP OF WELL PLATFORM	4.35 9.30				14.132 [ROAD UPSIDE BOUND]

# Micco



**Rain  
Gauge**

**BM OK 17**

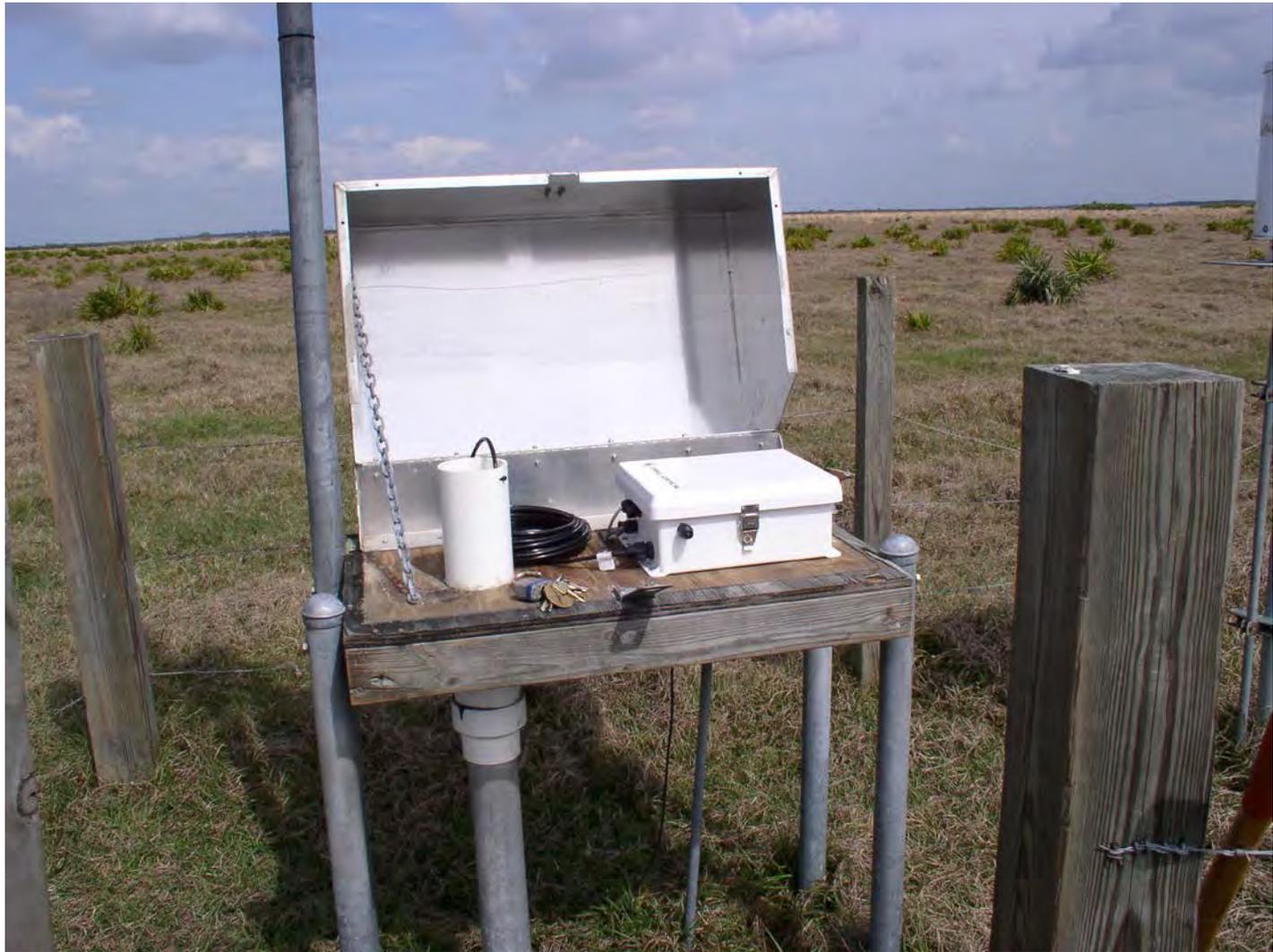
**South Florida Water Management District  
Date of Photo: February 22, 2005  
View: Looking Northerly at the Recorder**

# Micco



**South Florida Water Management District  
Date of Photo: February 22, 2005  
View: Looking Westerly at the Recorder Site**

# Micco



**South Florida Water Management District  
Date of Photo: February 22, 2005  
View: Looking Easterly at the Recorder Site**

# Micco



**South Florida Water Management District  
Date of Photo: February 22, 2005  
View: Looking Southerly at the Recorder Site**

# Micco



**South Florida Water Management District  
Date of Photo: February 22, 2005  
View: Looking Down at the well**

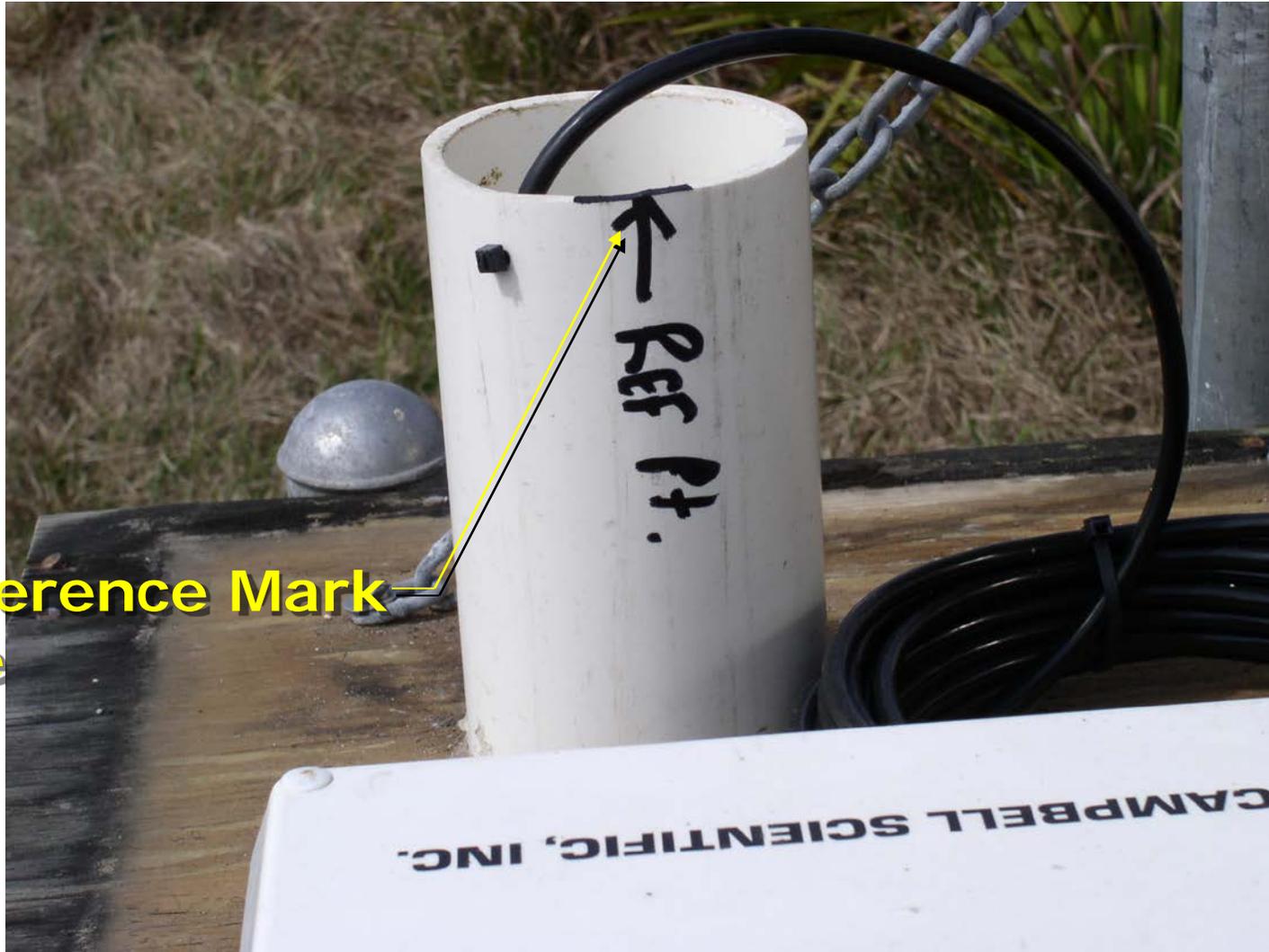
# Micco

**Old Reference Mark  
Changed this date**



**South Florida Water Management District  
Date of Photo: February 22, 2005  
View: Looking Northerly at the Well**

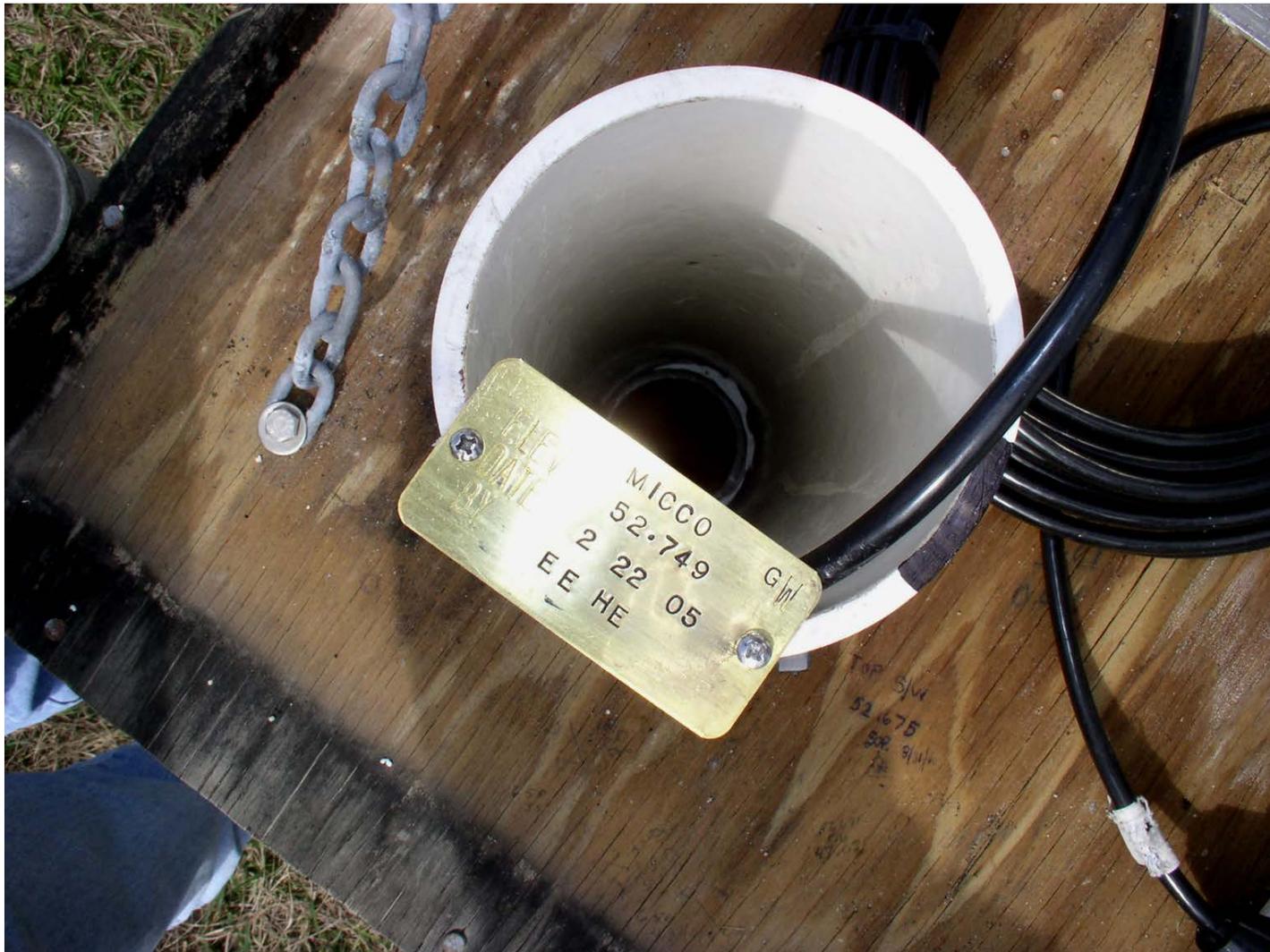
# Micco



New Reference Mark  
this date

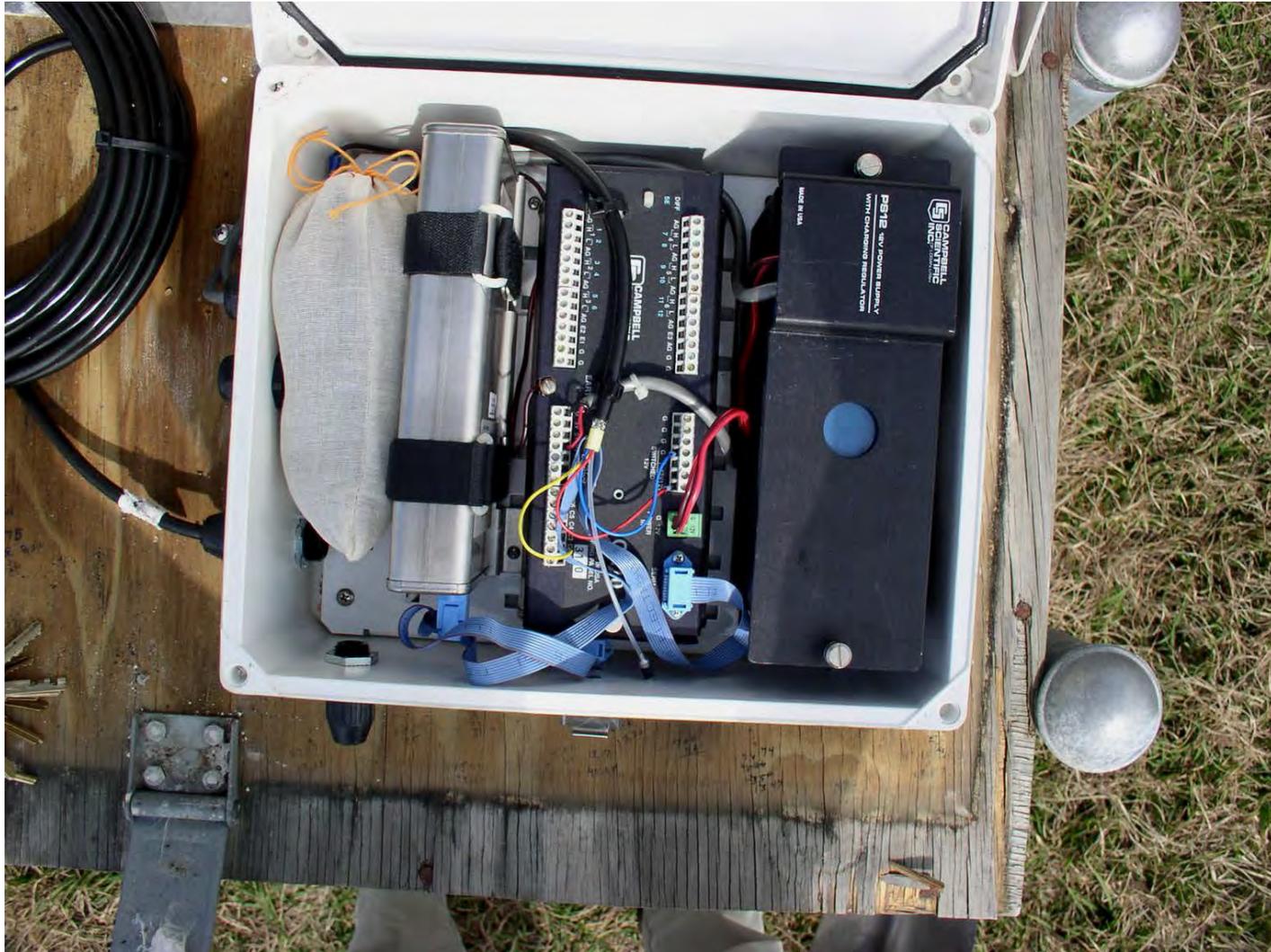
South Florida Water Management District  
Date of Photo: February 22, 2005  
View: Looking North from the Recorder Box

# Micco



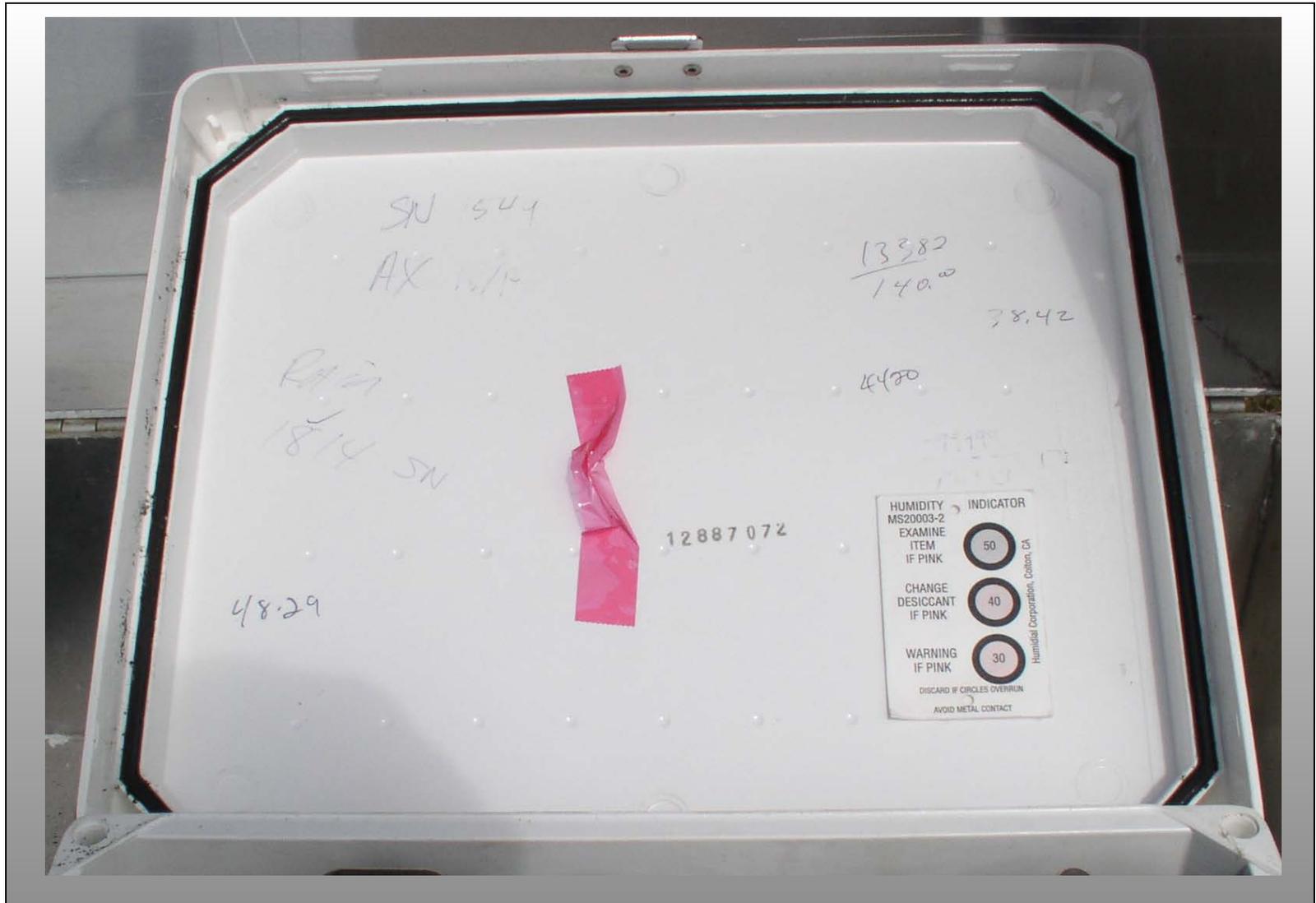
**South Florida Water Management District  
Date of Photo: February 22, 2005  
View: Looking at Elevation Plate**

# Micco



**South Florida Water Management District  
Date of Photo: February 22, 2005  
View: Looking at Data Logger**

# Micco



**South Florida Water Management District  
Date of Photo: February 22, 2005  
View: Looking at the Data Logger's Lid**

# Micco



**South Florida Water Management District  
Date of Photo: February 22, 2005  
View: Looking at Bench mark OK 17**

## The NGS Data Sheet

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

DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.10

1 National Geodetic Survey, Retrieval Date = DECEMBER 22, 2004

DF8403 \*\*\*\*\*

DF8403 DESIGNATION - OK 17

DF8403 PID - DF8403

DF8403 STATE/COUNTY- FL/OKEECHOBEE

DF8403 USGS QUAD - BASINGER NW (1972)

DF8403

DF8403 \*CURRENT SURVEY CONTROL

DF8403*	NAD 83(1986)-	27 28 20.	(N)	081 08 38.	(W)	SCALED
---------	---------------	-----------	-----	------------	-----	--------

DF8403*	NAVD 88	-	14.619 (meters)	47.96 (feet)	ADJUSTED
---------	---------	---	-----------------	--------------	----------

DF8403

DF8403	GEOID HEIGHT-	-26.12 (meters)			GEOID03
--------	---------------	-----------------	--	--	---------

DF8403	DYNAMIC HT -	14.597 (meters)	47.89 (feet)	COMP
--------	--------------	-----------------	--------------	------

DF8403	MODELED GRAV-	979,137.1 (mgal)		NAVD 88
--------	---------------	------------------	--	---------

DF8403

DF8403 VERT ORDER - SECOND CLASS I

DF8403

DF8403.The horizontal coordinates were scaled from a topographic map and have

DF8403.an estimated accuracy of +/- 6 seconds.

DF8403

DF8403.The orthometric height was determined by differential leveling

DF8403.and adjusted by the National Geodetic Survey in May 2004.

DF8403

DF8403.The geoid height was determined by GEOID03.

DF8403

DF8403.The dynamic height is computed by dividing the NAVD 88

DF8403.geopotential number by the normal gravity value computed on the

DF8403.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

DF8403.degrees latitude (g = 980.6199 gals.).

DF8403

DF8403.The modeled gravity was interpolated from observed gravity values.

DF8403

DF8403;		North	East	Units	Estimated Accuracy
DF8403;SPC FL E	-	347,740.	185,780.	MT	(+/- 180 meters Scaled)

DF8403

DF8403 SUPERSEDED SURVEY CONTROL

DF8403

DF8403 **No superseded survey control is available for this station.**

DF8403

DF8403\_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RML857387(NAD 83)

DF8403\_MARKER: DD = SURVEY DISK

DF8403\_SETTING: 9 = SET IN PREFABRICATED CONCRETE POST IMBEDDED IN GROUND

DF8403\_STAMPING: OK-17 1972

DF8403\_MARK LOGO: FLCSFC

DF8403\_PROJECTION: RECESSED 3 CENTIMETERS

DF8403\_MAGNETIC: O = OTHER; SEE DESCRIPTION

DF8403\_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY

DF8403\_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR  
 DF8403+SATELLITE: SATELLITE OBSERVATIONS - October 05, 2001

DF8403

DF8403	HISTORY	- Date	Condition	Report By
DF8403	HISTORY	- 1972	MONUMENTED	FLCSFC
DF8403	HISTORY	- 20011005	GOOD	FLDEP

DF8403

DF8403 STATION DESCRIPTION

DF8403

DF8403'DESCRIBED BY FL DEPT OF ENV PRO 2001 (JLM)

DF8403'THE MARK IS ABOUT 27.5 MI NORTHWEST OF OKEECHOBEE, 9.4 MI NORTHWEST OF  
 DF8403'BASINGER, IN

DF8403'SECTION 32, TOWNSHIP 34 SOUTH, RANGE 32 EAST.

DF8403'

DF8403'TO REACH THE MARK FROM THE INTERSECTION OF U.S. HIGHWAY 441 (PARROTT  
 DF8403'STREET) AND U.S.

DF8403'HIGHWAY 98 (STATE HIGHWAY 70, PARK STREET) IN OKEECHOBEE, GO WEST ON  
 DF8403'U.S. HIGHWAY 98

DF8403'(STATE HIGHWAY 70, PARK STREET) FOR 1.15 MI TO THE JUNCTION OF U.S.

DF8403'HIGHWAY 98 NORTH ON

DF8403'THE RIGHT, TURN RIGHT ON U.S. HIGHWAY 98 AND GO NORTHWESTERLY FOR 0.65

DF8403'MI TO THE

DF8403'RAILROAD TRACKS, CONTINUE NORTHWESTERLY ON U.S. HIGHWAY 98 FOR 11.9 MI

DF8403'TO THE JUNCTION

DF8403'OF COUNTY ROAD 68 EAST ON THE RIGHT, CONTINUE NORTHWESTERLY ON U.S.

DF8403'HIGHWAY 98 FOR

DF8403'1.85 MI TO THE JUNCTION OF NORTHWEST 176TH AVENUE (COUNTY ROAD 700-A)

DF8403'ON THE RIGHT,

DF8403'CONTINUE NORTHWESTERLY ON U.S. HIGHWAY 98 FOR 1.7 MI TO THE JUNCTION

DF8403'OF NORTHWEST

DF8403'203RD AVENUE (MICCO BLUFF ROAD) ON THE RIGHT, TURN RIGHT ON NORTHWEST

DF8403'203RD AVENUE

DF8403'(MICCO BLUFF ROAD) AND GO NORTH-NORTHWESTERLY FOR 0.2 MI TO THE

DF8403'JUNCTION OF NORTHWEST

DF8403'160TH DRIVE (MICCO BLUFF ROAD, COUNTY ROAD 68), TURN LEFT ON NORTHWEST

DF8403'160TH DRIVE

DF8403'(MICCO BLUFF ROAD, COUNTY ROAD 68) AND GO WEST-NORTHWESTERLY FOR 6.15

DF8403'MI TO THE END OF

DF8403'THE PAVED ROAD AND THE JUNCTION OF A DIRT ROAD LEADING NORTHWEST AND

DF8403'THE BEGINNING OF

DF8403'NORTHWEST 285TH DRIVE (A DIRT ROAD LEADING NORTHWESTERLY), BEAR RIGHT

DF8403'ON NORTHWEST

DF8403'285TH DRIVE AND GO NORTHWEST FOR 2.8 MI TO AN EAST-WEST FENCELINE

DF8403'OPENING AND THE

DF8403'JUNCTION OF A DIRT ROAD ON THE LEFT LEADING WEST, PASSING THROUGH THE

DF8403'OPENING

DF8403'CONTINUE NORTHWEST ON THE DIRT ROAD (NORTHWEST 285TH DRIVE) FOR 0.4 MI

DF8403'TO THE MARK ON

DF8403'THE RIGHT, A CENTRAL AND SOUTH FLORIDA FLOOD CONTROL DISTRICT BRASS

DF8403'DISK SET IN THE TOP

DF8403'OF A CONCRETE FILLED 2-INCH DIAMETER BY 4.0 FT LONG GALVANIZED IRON

DF8403'PIPE WITH A CONCRETE

DF8403'COLLAR RECESSED 0.1 FT BELOW THE LEVEL OF THE GROUND.

DF8403'

DF8403'LOCATED 70.0 FT NORTHEAST OF THE APPROXIMATE CENTERLINE OF THE ROAD,

DF8403'7.9 FT WEST

DF8403'OF A RAIN GAUGE, 4.3 FT SOUTH OF THE CENTER OF A GROUND WATER

DF8403'MONITORING WELL AND 0.7 FT

DF8403'EAST OF A CARSONITE WITNESS POST.

DF8403'

DF8403'NOTE AUTHORIZED PERSONNEL ONLY BEYOND THIS POINT.

DF8403'

DF8403'NOTE THE MARK WAS RECOVERED WITH A MAGNETIC LOCATOR.

DF8403'

DF8403'

DF8403'

DF8403'

DF8403'

DF8403'

\*\*\* retrieval complete.

Elapsed Time = 00:00:01



# South Florida Water Management District Benchmark Database

Report run on: February 22, 2005 8:40 AM

Designation: OK17	Latitude: 272820.000	Scaled values only
County: OKEECHOBEE	Longitude: 810838.000	
USGS Quad: BASINGER NW	Monument By: SFWMD	
Project: MICCO WELL SITE	Year: 1971	
Sec: 32    Twp: 34    Rge: 32	Type: V	
Status: GOOD OCT 2001	Stamping: OK-17 1972	
<b>NAD 1927 Coordinates:</b>	Party Chief: RANKIN	
N =	Field Book LEVEL BOOK 7	
E =	Page: 23	
Adjustment:	<b>NGVD 1929</b>	
<b>NAD 1983 Coordinates:</b>	Elevation: 49.154	
X =	Order: 2	
Y =	Class: I	
Adjustment:	<b>NAVD 1988</b>	
Order:	Elevation: 47.960	
Class:	Order: 2	
	Class: I	

Description:

CORSPCON EL. 49.12 NGVD 1929  
 THE PRELIMINARY FLDEP EL. 47.964 NAVD 1988, EL. 49.158 NGVD 1929  
 THE PRELIMINARY VALUE FOR THIS POINT WAS EL. 49.075 NGVD 1929  
 THE NGVD 1929 VALUE PROVIDED BY THE CORPS OF ENGINEERS IS BASED ON THEIR LEVEL RUN FROM  
 NGS MONUMENT "SUPPLY TO THE SITE AND RETURNING TO  
 SUPPLY". THE CORPS USED FIRST ORDER PROCEDURES.

\*\*\*\*\* RECOVERY NOTE \*\*\*\*\*  
 11/1/1995 NED STRICKLAND, FILED BOOK OKEECHOBEE COUNTY WELLS 16, PAGES 49  
 AND 52, FOUND BM OK-17 CENTRAL AND SOUTHERN FLORIDA FLOOD  
 CONTROL DISTRICT BRASS DISK "BM OK-17 1972 ", SECTION 32, TOWNSHIP  
 34 SOUTH, RANGE 32 EAST, SEE LEVEL BOOK 7, PAGE 23, PROJECT C-38  
 EL. 49.075 NGVD 1929

\*\*\*\*\*  
 THE NGS DATA SHEET  
 SEE FILE DSDATA.TXT FOR MORE INFORMATION ABOUT THE DATASHEET.DATABASE = SYBASE  
 ,PROGRAM = DATASHEET, VERSION = 7.03  
 1 NATIONAL GEODETIC SURVEY, RETRIEVAL DATE = JUNE 3, 2004  
 DF8403 \*\*\*\*\*  
 DF8403 DESIGNATION - OK 17  
 DF8403 PID - DF8403  
 DF8403 STATE/COUNTY- FL/OKEECHOBEE  
 DF8403 USGS QUAD - BASINGER NW (1972)  
 DF8403  
 DF8403 \*CURRENT SURVEY CONTROL  
 DF8403  
 DF8403\* NAD 83(1986)- 27 28 20. (N) 081 08 38. (W) SCALED  
 DF8403\* NAVD 88 - 14.619 (METERS) 47.96 (FEET) ADJUSTED  
 DF8403  
 DF8403 GEOID HEIGHT- -26.12 (METERS) GEOID03  
 DF8403 DYNAMIC HT - 14.597 (METERS) 47.89 (FEET) COMP  
 DF8403 MODELED GRAV- 979,137.1 (MGAL) NAVD 88



# South Florida Water Management District Benchmark Database

Report run on: February 22, 2005 8:40 AM

DF8403  
DF8403 VERT ORDER - SECOND CLASS I  
DF8403  
DF8403.THE HORIZONTAL COORDINATES WERE SCALED FROM A TOPOGRAPHIC MAP AND HAVE  
DF8403.AN ESTIMATED ACCURACY OF +/- 6 SECONDS.  
DF8403  
DF8403.THE ORTHOMETRIC HEIGHT WAS DETERMINED BY DIFFERENTIAL LEVELING  
DF8403.AND ADJUSTED BY THE NATIONAL GEODETIC SURVEY IN MAY 2004.  
DF8403  
DF8403.THE GEOID HEIGHT WAS DETERMINED BY GEOID03.  
DF8403  
DF8403.THE DYNAMIC HEIGHT IS COMPUTED BY DIVIDING THE NAVD 88  
DF8403.GEOPOTENTIAL NUMBER BY THE NORMAL GRAVITY VALUE COMPUTED ON THE  
DF8403.GEODETIC REFERENCE SYSTEM OF 1980 (GRS 80) ELLIPSOID AT 45  
DF8403.DEGREES LATITUDE (G = 980.6199 GALS.).  
DF8403  
DF8403.THE MODELED GRAVITY WAS INTERPOLATED FROM OBSERVED GRAVITY VALUES.  
DF8403  
DF8403; NORTH EAST UNITS ESTIMATED ACCURACY  
DF8403;SPC FL E - 347,740. 185,780. MT (+/- 180 METERS SCALED)  
DF8403  
DF8403 SUPERSEDED SURVEY CONTROL  
DF8403  
DF8403.NO SUPERSEDED SURVEY CONTROL IS AVAILABLE FOR THIS STATION.  
DF8403  
DF8403\_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RML857387(NAD 83)  
DF8403\_MARKER: DD = SURVEY DISK  
DF8403\_SETTING: 9 = SET IN PREFABRICATED CONCRETE POST IMBEDDED IN GROUND  
DF8403\_STAMPING: OK-17 1972  
DF8403\_MARK LOGO: FLCSFC  
DF8403\_PROJECTION: RECESSED 3 CENTIMETERS  
DF8403\_MAGNETIC: O = OTHER; SEE DESCRIPTION  
DF8403\_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY  
DF8403\_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR  
DF8403+SATELLITE: SATELLITE OBSERVATIONS - OCTOBER 05, 2001  
DF8403  
DF8403 HISTORY - DATE CONDITION REPORT BY  
DF8403 HISTORY - 1972 MONUMENTED FLCSFC  
DF8403 HISTORY - 20011005 GOOD FLDEP  
DF8403  
DF8403 STATION DESCRIPTION  
DF8403  
DF8403'DESCRIBED BY FL DEPT OF ENV PRO 2001 (JLM)  
DF8403'THE MARK IS ABOUT 27.5 MI NORTHWEST OF OKEECHOBEE, 9.4 MI NORTHWEST OF  
DF8403'BASINGER, IN  
DF8403'SECTION 32, TOWNSHIP 34 SOUTH, RANGE 32 EAST.  
DF8403'  
DF8403'TO REACH THE MARK FROM THE INTERSECTION OF U.S. HIGHWAY 441 (PARROTT  
DF8403'STREET) AND U.S.  
DF8403'HIGHWAY 98 (STATE HIGHWAY 70, PARK STREET) IN OKEECHOBEE, GO WEST ON  
DF8403'U.S. HIGHWAY 98  
DF8403'(STATE HIGHWAY 70, PARK STREET) FOR 1.15 MI TO THE JUNCTION OF U.S.  
DF8403'HIGHWAY 98 NORTH ON  
DF8403'THE RIGHT, TURN RIGHT ON U.S. HIGHWAY 98 AND GO NORTHWESTERLY FOR 0.65  
DF8403'MI TO THE  
DF8403'RAILROAD TRACKS, CONTINUE NORTHWESTERLY ON U.S. HIGHWAY 98 FOR 11.9 MI  
DF8403'TO THE JUNCTION



# South Florida Water Management District Benchmark Database

Report run on: February 22, 2005 8:40 AM

DF8403'OF COUNTY ROAD 68 EAST ON THE RIGHT, CONTINUE NORTHWESTERLY ON U.S.  
 DF8403'HIGHWAY 98 FOR  
 DF8403'1.85 MI TO THE JUNCTION OF NORTHWEST 176TH AVENUE (COUNTY ROAD 700-A)  
 DF8403'ON THE RIGHT,  
 DF8403'CONTINUE NORTHWESTERLY ON U.S. HIGHWAY 98 FOR 1.7 MI TO THE JUNCTION  
 DF8403'OF NORTHWEST  
 DF8403'203RD AVENUE (MICCO BLUFF ROAD) ON THE RIGHT, TURN RIGHT ON NORTHWEST  
 DF8403'203RD AVENUE  
 DF8403'(MICCO BLUFF ROAD) AND GO NORTH-NORTHWESTERLY FOR 0.2 MI TO THE  
 DF8403'JUNCTION OF NORTHWEST  
 DF8403'160TH DRIVE (MICCO BLUFF ROAD, COUNTY ROAD 68), TURN LEFT ON NORTHWEST  
 DF8403'160TH DRIVE  
 DF8403'(MICCO BLUFF ROAD, COUNTY ROAD 68) AND GO WEST-NORTHWESTERLY FOR 6.15  
 DF8403'MI TO THE END OF  
 DF8403'THE PAVED ROAD AND THE JUNCTION OF A DIRT ROAD LEADING NORTHWEST AND  
 DF8403'THE BEGINNING OF  
 DF8403'NORTHWEST 285TH DRIVE (A DIRT ROAD LEADING NORTHWESTERLY), BEAR RIGHT  
 DF8403'ON NORTHWEST  
 DF8403'285TH DRIVE AND GO NORTHWEST FOR 2.8 MI TO AN EAST-WEST FENCELINE  
 DF8403'OPENING AND THE  
 DF8403'JUNCTION OF A DIRT ROAD ON THE LEFT LEADING WEST, PASSING THROUGH THE  
 DF8403'OPENING  
 DF8403'CONTINUE NORTHWEST ON THE DIRT ROAD (NORTHWEST 285TH DRIVE) FOR 0.4 MI  
 DF8403'TO THE MARK ON  
 DF8403'THE RIGHT, A CENTRAL AND SOUTH FLORIDA FLOOD CONTROL DISTRICT BRASS  
 DF8403'DISK SET IN THE TOP  
 DF8403'OF A CONCRETE FILLED 2-INCH DIAMETER BY 4.0 FT LONG GALVANIZED IRON  
 DF8403'PIPE WITH A CONCRETE  
 DF8403'COLLAR RECESSED 0.1 FT BELOW THE LEVEL OF THE GROUND.  
 DF8403'  
 DF8403'LOCATED 70.0 FT NORTHEAST OF THE APPROXIMATE CENTERLINE OF THE ROAD,  
 DF8403'7.9 FT WEST  
 DF8403'OF A RAIN GAUGE, 4.3 FT SOUTH OF THE CENTER OF A GROUND WATER  
 DF8403'MONITORING WELL AND 0.7 FT  
 DF8403'EAST OF A CARSONITE WITNESS POST.  
 DF8403'  
 DF8403'NOTE AUTHORIZED PERSONNEL ONLY BEYOND THIS POINT.  
 DF8403'  
 DF8403'NOTE THE MARK WAS RECOVERED WITH A MAGNETIC LOCATOR.  
 DF8403'  
 DF8403'  
 DF8403'  
 DF8403'  
 DF8403'  
 DF8403'

\*\*\* RETRIEVAL COMPLETE.  
 ELAPSED TIME = 00:00:00

\*\*\*\*\*

THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT DESCRIPTION  
 TO REACH: FROM SR68 (PAVED PORTION OF MICCO BLUFF ROAD) AND THE SHELL ROAD PORTION OF  
 MICCO BLUFF ROAD GO NORTHERLY ALONG THE SHELL ROAD PORTION OF MICCO BLUFF ROAD 3.35  
 MILES TO STATION LOCATION ON THE RIGHT.  
 THE BM IS 69 FEET EASTERELY FROM THE CENTER LINE OF THE ROAD, 4 FEET SOUTHWESTERLY OF  
 THE NORTHWEST FENCE CORNER OF A F.C.D. RECORDER STATION, 3.5 FEET NORTHWESTERLY OF THE  
 SOUTHWEST FENCE CORNER OF THE SAME RECORDER AND 3.9 FEET WESTERLY OF THE RECORDER  
 ITSELF. THE BM IS 1100 FEET NORTHERLY, AS MEASURED ALONG THE CENTER LINE OF THE ROAD FROM



# South Florida Water Management District Benchmark Database

Report run on: February 22, 2005 8:40 AM

A CULVERT UNDER THE ROAD. THE MAGNETIC BEARING OF THE ROAD IS N40W. THE BM IS 1.17 MILES NORTHERLY FROM BM OK16.  
THE BM IS A F.C.D. BRASS CAP SET IN CONCRETE FILLED 2 INCH DIAMETER BY 4 FOOT LONG GALVINIZED IRON PIPE WITH A CONCRETE COLLAR. B.M. IS SET FLUSH WITH GROUND AND IS STAMPED "OK-17, 1972".

\*\*\*\*\*  
THE FLDEP PRELIMINARY DESCRIPTION SHEET

-\* - FIELD ABSTRACT -\* -

901002-910627 HGZ L26252 6.0 MM ORDER 2 CLASS 1 PAGE 1  
LEVELING IN OKEECHOBEE AND HIGHLANDS COUNTY FLORIDA AREA.  
TIE TO L26130.

STARTING ELEVATION BASED ON NAVD 88 HEIGHTS.  
NOTE COLLIMATION STORED IN ELECTRONIC INSTRUMENT.  
NOTE LATITUDE AND LONGITUDE WAS SCALED FROM TOPOGRAPHIC MAP.

FROM TO	START TOTAL (KM)	F/B (KM)	DIST (MT)	ELEV TOTAL (MM)	DIFF (MM)	-(F+B) (MT)	MEAN DIFF	I
0018 KR 1499	11031134 B	0.82		-0.27954 *		1.68	0.27870	1
0050 OK 17	11141120 F	0.83		0.27786 *				1
		19.69				-2.93	14.61947	

-\* - FIELD ABSTRACT -\* -

901002-910627 HGZ L26252 6.0 MM ORDER 2 CLASS 1 PAGE 1  
LEVELING IN OKEECHOBEE AND HIGHLANDS COUNTY FLORIDA AREA.  
TIE TO L26130.

STARTING ELEVATION BASED ON NGVD 29 HEIGHTS.  
NOTE COLLIMATION STORED IN ELECTRONIC INSTRUMENT.  
NOTE LATITUDE AND LONGITUDE WAS SCALED FROM TOPOGRAPHIC MAP.

FROM TO	START TOTAL (KM)	F/B (KM)	DIST (MT)	ELEV TOTAL (MM)	DIFF (MM)	-(F+B) (MT)	MEAN DIFF	I
0018 KR 1499	11031134 B	0.82		-0.27954 *		1.68	0.27870	1
0050 OK 17	11141120 F	0.83		0.27786 *				1
		19.69				-2.93	14.98347	

==== DESCRIPTION HEADER RECORD =====

KEYED-IN ORDER:0046 SSN:0050 CONDITION:G PID:  
DESIGNATION:OK 17  
ALIAS:  
QUADNAME:BASINGER NW  
COUNTRY:US STATE:FL COUNTY:OKEECHOBEE 093

MONUMENT:DD SETTING:09 SPECIFIC:  
MAGNETISM:O STABILITY:D SATELLITE:Y APPLICATIONS:  
FPR:R 1 IN ROD/PIPE: SLEEVE:  
STAMPING:OK-17 1972  
ESTAB BY:CENTRA SETTING DATE:1972  
LOGO:CENTRA  
REPORT BY:FLDEP REPORT DATE:20011005  
TRANSPORT:P PACK TIME:00:00 COP:JLM

==== POSITION RECORDS =====

POSITION POSITION POSITION ADJUSTMENT  
DATUM EPOCH LATITUDE LONGITUDE SOURCE ORDER TECHNIQUE DATE



# South Florida Water Management District Benchmark Database

Report run on: February 22, 2005 8:40 AM

-----  
27      N272819      W0810839      S      5

=== DESCRIPTIVE TEXT RECORD =====

TEXT STATUS:

THE MARK IS ABOUT 27.5 MI NORTHWEST OF OKEECHOBEE, 9.4 MI NORTHWEST OF BASINGER, IN SECTION 32, TOWNSHIP 34 SOUTH, RANGE 32 EAST.

TO REACH THE MARK FROM THE INTERSECTION OF U.S. HIGHWAY 441 (PARROTT STREET) AND U.S. HIGHWAY 98 (STATE HIGHWAY 70, PARK STREET) IN OKEECHOBEE, GO WEST ON U.S. HIGHWAY 98 (STATE HIGHWAY 70, PARK STREET) FOR 1.15 MI TO THE JUNCTION OF U.S. HIGHWAY 98 NORTH ON THE RIGHT, TURN RIGHT ON U.S. HIGHWAY 98 AND GO NORTHWESTERLY FOR 0.65 MI TO THE RAILROAD TRACKS, CONTINUE NORTHWESTERLY ON U.S. HIGHWAY 98 FOR 11.9 MI TO THE JUNCTION OF COUNTY ROAD 68 EAST ON THE RIGHT, CONTINUE NORTHWESTERLY ON U.S. HIGHWAY 98 FOR 1.85 MI TO THE JUNCTION OF NORTHWEST 176TH AVENUE (COUNTY ROAD 700-A) ON THE RIGHT, CONTINUE NORTHWESTERLY ON U.S. HIGHWAY 98 FOR 1.7 MI TO THE JUNCTION OF NORTHWEST 203RD AVENUE (MICCO BLUFF ROAD) ON THE RIGHT, TURN RIGHT ON NORTHWEST 203RD AVENUE (MICCO BLUFF ROAD) AND GO NORTH-NORTHWESTERLY FOR 0.2 MI TO THE JUNCTION OF NORTHWEST 160TH DRIVE (MICCO BLUFF ROAD, COUNTY ROAD 68), TURN LEFT ON NORTHWEST 160TH DRIVE (MICCO BLUFF ROAD, COUNTY ROAD 68) AND GO WEST-NORTHWESTERLY FOR 6.15 MI TO THE END OF THE PAVED ROAD AND THE JUNCTION OF A DIRT ROAD LEADING NORTHWEST AND THE BEGINNING OF NORTHWEST 285TH DRIVE (A DIRT ROAD LEADING NORTHWESTERLY), BEAR RIGHT ON NORTHWEST 285TH DRIVE AND GO NORTHWEST FOR 2.8 MI TO AN EAST-WEST FENCELINE OPENING AND THE JUNCTION OF A DIRT ROAD ON THE LEFT LEADING WEST, PASSING THROUGH THE OPENING CONTINUE NORTHWEST ON THE DIRT ROAD (NORTHWEST 285TH DRIVE) FOR 0.4 MI TO THE MARK ON THE RIGHT, A CENTRAL AND SOUTH FLORIDA FLOOD CONTROL DISTRICT BRASS DISK SET IN THE TOP OF A CONCRETE FILLED 2-INCH DIAMETER BY 4.0 FT LONG GALVANIZED IRON PIPE WITH A CONCRETE COLLAR RECESSED 0.1 FT BELOW THE LEVEL OF THE GROUND.

LOCATED 70.0 FT NORTHEAST OF THE APPROXIMATE CENTERLINE OF THE ROAD, 7.9 FT WEST OF A RAIN GAUGE, 4.3 FT SOUTH OF THE CENTER OF A GROUND WATER MONITORING WELL AND 0.7 FT EAST OF A CARSONITE WITNESS POST.

NOTE AUTHORIZED PERSONNEL ONLY BEYOND THIS POINT.

NOTE THE MARK WAS RECOVERED WITH A MAGNETIC LOCATOR.

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# DBHYDRO | by station

## STATION INFORMATION

Station	MICCO
Site	MICCO
Type	WELL
Latitude (ddmmss.sss)	272821.134
Longitude (ddmmss.sss)	810838.227
X Coord (ft) NAD83	609490.566
Y Coord (ft) NAD83	1140974.596
County	Okeechobee
Basin	S-65BC
Section	31
Township	34
Range	32
Show Map	<a href="#">Google Map</a>
Well Info	<a href="#">Info</a>
Description	GW-159 RAIN/WELL ON MICCO BLUFF NEAR S-65B
Notes	
Nearby Stations	<a href="#">Nearby Stations</a>
Attachments	None Available

Query returned 1 station record(s).

[Get Time Series Data](#)

# Office

## Project

6 April 2017

### INPUT

Geographic, flhpgn - Florida HPGN  
Vertical - NAVD88, U.S. Feet

### OUTPUT

State Plane, flhpgn - Florida HPGN  
0901 - Florida East, U.S. Feet  
Vertical - NGVD29 (Custom), U.S. Feet

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## MICCO

1/1

**Latitude:** 27 28 20  
**Longitude:** 81 08 38  
**Elevation/Z:** 0

**Northing/Y:** 1140860.109  
**Easting/X:** 609510.892  
**Elevation/Z:** 1.171  
**Convergence:** -0 03 58.96340  
**Scale Factor:** 0.999943672  
**Combined Factor:** 0.999947715

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Remark:

Corpscon v6.0.1, U.S. Army Corps of Engineers