

SEC. 9 TWP 27 R1E 29
 TO ESTABLISH REF. ELEV. FOR (NEW)
 WELL (REMOVED) KIRCHHOFF

FRANKS
 WEBB

HTA	+	H.I.	-	ELEV	REMARKS
Bm OS 134 1981	5.12 8.53	76.63		71.51	Shows Main CAP.
MARK TOP OF WKM			1.93 11.72	74.70	KIRCHHOFF
WKM.	2.08 11.57	RK 76.78		74.70	
Bm OS 134			5.26 8.39	71.52	

HTA .19 TWP 29 R1E 30.
 TO VERIFY REF. ELEVATION FOR
 GRAPHIC RECORD FOR KUSKUMEE STATE PARK.

FRANKS
 WEBB

HTA	+	H.I.	-	ELEV	REMARKS
Bm ZIPPER.	5.73 7.92	59.56		53.83	
TD.			2.95 10.70	56.61	
	4.555 9.095	61.165			
Platform			4.90 8.75	56.265	(TD 56.34)
Bm ZIPPER			7.33 12.32	56.835	(56.83)

* NOTE:- from SUBMITTAL ALL STATION = 56.27

ESTABLISH REF. ELEVATION (TOP OF PLATFORM) AT
 KISS 7

HTA	+	H.I.	-	ELEV	REMARKS
TOP OF IRON ON SUBMITTAL	0.72	55.60		54.88	(KISS. ILL. FB#89) Pg. 40

NOTE:- OLD REF ELEV = 55.80

REF Pt.
ELEV= 74.70
EE/LL. 9/19/00







South Florida Water Management District Benchmark Database

Report run on: May 15, 2008 12:06 PM

Designation: OS134
County: OSCEOLA
USGS Quad: LAKE TOHOPEKALIGA
Project: OSCEOLA COUNTY WELLS
Sec: 8 Twp: 27 Rge: 29
Status: GOOD

Latitude: 280918.000 Scaled values only
Longitude: 812523.000
Monument By: SFWMD
Year: 1981
Type: V
Stamping: BM OS-134 1981
Party Chief: PAUL RANKIN
Field Book
Page:

NAD 1927 Coordinates:

N =
E =

Adjustment:

NAD 1983 Coordinates:

X =
Y =

Adjustment:

Order:
Class:

NGVD 1929
Elevation: 71.660
Order: 2
Class: I

NAVD 1988
Elevation: 70.649
Order: 2
Class: I

Description:

CORPSCON (VERTCON) EL. 71.66 NGVD 1929

SFWMD EL. 71.512 NGVD 29

FLDEP PRELIMINARY EL.72.042 NGVD 1929 EL.70.536 NAVD 1988

***** RECOVERY NOTE *****

5/01/07 TC KEITH&SCHNARS FOUND ALUMINUM DISC SET IN TOP OF A CONCRETE
MONUMENT STAMPED BM OS-134 1981 SFWMD EL. 70.65 NAVD 1988
FOR WRWX WELL SITE.

THE NGS DATA SHEET

SEE FILE DSDATA.TXT FOR MORE INFORMATION ABOUT THE DATASHEET.DATABASE = SYBASE
,PROGRAM = DATASHEET, VERSION = 7.35

1 NATIONAL GEODETIC SURVEY, RETRIEVAL DATE = APRIL 27, 2006

DF6743 *****

DF6743 DESIGNATION - OS 134
DF6743 PID - DF6743
DF6743 STATE/COUNTY- FL/OSCEOLA
DF6743 USGS QUAD - LAKE TOHOPEKALIGA (1987)
DF6743
DF6743 *CURRENT SURVEY CONTROL
DF6743

DF6743* NAD 83(1986)- 28 09 18. (N) 081 25 23. (W) SCALED
DF6743* NAVD 88 - 21.534 (METERS) 70.65 (FEET) ADJUSTED

DF6743
DF6743 GEOID HEIGHT- -27.60 (METERS) GEOID03
DF6743 DYNAMIC HT - 21.502 (METERS) 70.54 (FEET) COMP
DF6743 MODELED GRAV- 979,153.7 (MGAL) NAVD 88

DF6743
DF6743 VERT ORDER - SECOND CLASS I
DF6743

DF6743.THE HORIZONTAL COORDINATES WERE SCALED FROM A TOPOGRAPHIC MAP AND HAVE
DF6743.AN ESTIMATED ACCURACY OF +/- 6 SECONDS.

DF6743
DF6743.THE ORTHOMETRIC HEIGHT WAS DETERMINED BY DIFFERENTIAL LEVELING



South Florida Water Management District Benchmark Database

Report run on: May 15, 2008 12:06 PM

DF6743.AND ADJUSTED BY THE NATIONAL GEODETIC SURVEY IN APRIL 2004..
 DF6743
 DF6743.THE GEOID HEIGHT WAS DETERMINED BY GEOID03.
 DF6743
 DF6743.THE DYNAMIC HEIGHT IS COMPUTED BY DIVIDING THE NAVD 88
 DF6743.GEOPOTENTIAL NUMBER BY THE NORMAL GRAVITY VALUE COMPUTED ON THE
 DF6743.GEODETIC REFERENCE SYSTEM OF 1980 (GRS 80) ELLIPSOID AT 45
 DF6743.DEGREES LATITUDE (G = 980.6199 GALS.).
 DF6743
 DF6743.THE MODELED GRAVITY WAS INTERPOLATED FROM OBSERVED GRAVITY VALUES.
 DF6743
 DF6743; NORTH EAST UNITS ESTIMATED ACCURACY
 DF6743;SPC FL E - 423,460. 158,450. MT (+/- 180 METERS SCALED)
 DF6743
 DF6743 SUPERSEDED SURVEY CONTROL
 DF6743
 DF6743.NO SUPERSEDED SURVEY CONTROL IS AVAILABLE FOR THIS STATION.
 DF6743
 DF6743_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RMM584144(NAD 83)
 DF6743_MARKER: DD = SURVEY DISK
 DF6743_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
 DF6743_STAMPING: BM OS-134 1981
 DF6743_MARK LOGO: SFLWMD
 DF6743_PROJECTION: RECESSED 15 CENTIMETERS
 DF6743_MAGNETIC: N = NO MAGNETIC MATERIAL
 DF6743_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 DF6743+STABILITY: SURFACE MOTION
 DF6743_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 DF6743+SATELLITE: SATELLITE OBSERVATIONS - JULY 20, 2001
 DF6743
 DF6743 HISTORY - DATE CONDITION REPORT BY
 DF6743 HISTORY - 1981 MONUMENTED SFLWMD
 DF6743 HISTORY - 20010720 GOOD FLDEP
 DF6743 HISTORY - 20050202 GOOD INDIV
 DF6743
 DF6743 STATION DESCRIPTION
 DF6743
 DF6743'DESCRIBED BY FL DEPT OF ENV PRO 2001 (JLM)
 DF6743'THE MARK IS ABOUT 12.25 MI SOUTHWEST OF KISSIMMEE, IN SECTION 8,
 DF6743'TOWNSHIP 27 SOUTH, RANGE
 DF6743'29 EAST.
 DF6743'
 DF6743'TO REACH THE MARK FROM THE JUNCTION OF U.S. HIGHWAY 192 (VINE STREET)
 DF6743'AND U.S. HIGHWAY
 DF6743'17, 92 (JOHN YOUNG PARKWAY) IN KISSIMMEE, GO SOUTH ON U.S. HIGHWAY 17,
 DF6743'92 FOR 3.5 MI TO THE
 DF6743'JUNCTION OF PLEASANT HILL ROAD (COUNTY ROAD 531) ON THE LEFT, TURN
 DF6743'LEFT ON PLEASANT HILL
 DF6743'ROAD (COUNTY ROAD 531) AND GO SOUTH FOR 7.55 MI TO THE JUNCTION OF
 DF6743'SOUTHPORT ROAD ON
 DF6743'THE LEFT, TURN LEFT ON SOUTHPORT ROAD AND GO EAST FOR 1.2 MI TO THE
 DF6743'MARK ON THE RIGHT,
 DF6743'SET IN THE TOP OF A ROUND CONCRETE MONUMENT RECESSED 0.6 FT BELOW THE
 DF6743'LEVEL OF THE
 DF6743'GROUND AND THE LEVEL OF SOUTHPORT ROAD.
 DF6743'
 DF6743'LOCATED 265.0 FT WEST OF THE APPROXIMATE CENTERLINE OF HURT ROAD, 22.5



South Florida Water Management District Benchmark Database

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DF6743' FT SOUTH OF THE
 DF6743' CENTERLINE OF SOUTHPORT ROAD, 1.2 FT NORTH OF A SFWMD METAL WITNESS
 DF6743' POST, 1.0 FT WEST
 DF6743' OF A BARBWIRE FENCE LEADING SOUTH AND 0.9 FT NORTH OF A BARBWIRE
 DF6743' FENCE.
 DF6743'
 DF6743'
 DF6743
 DF6743 STATION RECOVERY (2005)
 DF6743
 DF6743 RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2005
 DF6743 RECOVERED AS DESCRIBED. RECOVERY NOTE BY COONER AND ASSOCIATES, INC.

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

THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT DESCRIPTION SHEET
 FROM THE INTERSECTION OF US RT 192 AND COUNTY RT C-531 PLEASANT HILL RD WEST OF KISSIMMEE,
 GO SOUTH ALONG C-531 FOR 7.2 MLS TO SOUTH PORT RD THEN GO EASTERLY ALONG SOUTH PORT
 ROAD FOR 1.1 MI TO THE NW CORNER OF A CITRUS GROVE AND STATION LOCATION.

STATION IS 22.9 FT SOUTH OF THE CENTER OF SOUTHPORT ROAD, 1.1 FT WEST OF FENCE WHICH RUNS
 TO THE E. AND TO THE S., 1.5' E. OF A GUY ANCHOR AND 10.5' NW OF A 4"X4" RIGHT OF WAY MONUMENT.
 STATION IS ALSO 13.9' E. OF A TELEPHONE POLE, S20W 43.76' FROM TELEPHONE POLE 003.

A DISC SET INTO THE TOP OF A CONCRETE POST RECESSED 1". 1.0' S FROM A WITNESS POST, 0.9 MI. W.
 OF BM SFWMD P-15.

***** THE FLDEP PRELIMINARY DESCRIPTION *****

-*- FIELD ABSTRACT -*-

900726-900918 HGZ L26221 2 6.0 MM ORDER 2 CLASS 1 PAGE 1
 LEVELING IN POLK AND OSCEOLA COUNTY AREA.
 LEVELING FROM ST CLOUD, FL. GO WESTERLY ON C/R 523 FOR 1.1 MI TO A
 BRIDGE OVER CANAL 31 AND THE BEGINNING OF A SPUR TO THE NE. 8.8 MI AND
 A LOOP TO THE NW, GO NW. ON C/R 525 FOR 7.5 MI TO KISSIMMEE, FL., GO
 SW. ON U.S. 92 FOR 3.3 MI TO JCT. OF C/R 531, GO S. ON C/R 531 FOR
 12.0 MI TO THE JCT. OF SOUTHPORT RD., GO E. ON SOUTHPORT RD. FOR 5.9
 MI TO THE JCT. OF SOUTHPORT CANAL, GO S. ON SOUTHPORT CANAL RD. FOR
 2.4 MI TO THE JCT. OF A DIRT RD. (SPUR S. 2 MI), GO NE. 3.5 MI..MORE.
 NOTE ELEVATION BASED ON PRELIMINARY NAVD 88 HEIGHT INFORMATION.

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0241 BM OS 135      8120940 F  1.74  1.80492 * -7.04  1.80140 3
0242 BM OS 134      8231022 B  1.74 -1.79788 *           3
                   SL 1    35.49                -69.90  21.49930
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NOTE ELEVATION BASED ON PRELIMINARY NGVD 29 HEIGHT INFORMATION.

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0241 BM OS 135      8120940 F  1.74  1.80492 * -7.04  1.80140 3
0242 BM OS 134      8231022 B  1.74 -1.79788 *           3
                   SL 1    35.49                -69.90  21.95830
-----

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TO REACH THE MARK FROM THE JUNCTION OF U.S. HIGHWAY 192 (VINE STREET) AND U.S. HIGHWAY 17,
 92 (JOHN YOUNG PARKWAY) IN KISSIMMEE, GO SOUTH ON U.S. HIGHWAY 17, 92 FOR 3.5 MI TO THE
 JUNCTION OF PLEASANT HILL ROAD (COUNTY ROAD 531) ON THE LEFT, TURN LEFT ON PLEASANT HILL
 ROAD (COUNTY ROAD 531) AND GO SOUTH FOR 7.55 MI TO THE JUNCTION OF SOUTHPORT ROAD ON THE
 LEFT, TURN LEFT ON SOUTHPORT ROAD AND GO EAST FOR 1.2 MI TO THE MARK ON THE RIGHT, SET IN
 THE TOP OF A ROUND CONCRETE MONUMENT RECESSED 0.6 FT BELOW THE LEVEL OF THE GROUND



South Florida Water Management District Benchmark Database

Report run on: May 15, 2008 12:06 PM

AND THE LEVEL OF SOUTHPORT ROAD.

LOCATED 265.0 FT WEST OF THE APPROXIMATE CENTERLINE OF HURT ROAD, 22.5 FT SOUTH OF THE CENTERLINE OF SOUTHPORT ROAD, 1.2 FT NORTH OF A SFWMD METAL WITNESS POST, 1.0 FT WEST OF A BARBWIRE FENCE LEADING SOUTH AND 0.9 FT NORTH OF A BARBWIRE FENCE.

DATUM ADJUSTMENT

STATION NAME

Kircof +

Technician processing data:

DATE REQUESTED 11/28/00

ADJUSTMENT PERIOD OF RECORD *

START date / time	<u>8/9/00 @ 11:00</u>
END date / time	<u>9/19/00 @ 11:30</u>
ADJUSTMENT	+ <u>14.70</u> - _____

DATA IS:

- In the hold files.
 On the Archive.

ATTACHMENTS:

- PLOT HDPLOT LIST OF OUTPUT DATA Hold Files.
 EO71 Archive.

DATE COMPLETED	<u>12/4/2000</u>
DBRELOAD REQUESTED?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

* ADDITIONAL ADJUSTMENTS FOR THE SAME STATION

START date / time	_____
END date / time	_____
ADJUSTMENT	+ _____ - _____

START date / time	_____
END date / time	_____
ADJUSTMENT	+ _____ - _____

START date / time	_____
END date / time	_____
ADJUSTMENT	+ _____ - _____

COMMENTS

Request datum adjustment. The old elevation (assumed) was 60.0. The new elevation shot on 9/19/00 is 74.70. Difference of 14.7

PLEASE PERFORM RELOAD AND INSPECT TRACE VALUES

(Signature)

RELOAD PERFORMED 12/5/00 *(Signature)*

SITE KIRCOF

Solid State Information Sheet



FORM 0489
Rev. 10/89

AT ON TIME		READINGS					DTW	
DATA COLLECTOR <u>WPK</u>		HEADWATER	RECORDER <u>@ 1300</u>	TAPE	STAFF	CHARTS	HEADWATER	TAILWATER
DATE <u>8-21-00</u>			<u>49.172</u>				<u>@ 1430</u>	
TIME <u>1445</u>		TAILWATER					UPPER	<u>12.00</u>
RECORDER Time <u>1345</u>		GATE 1					LOWER	<u>1.15</u>
LAST LOG Time		GATE 2					DTW	<u>10.85</u>
DSP CHK. _____ %		GATE 3					REF	<u>60.00</u> ASSUMED
BATTERY Change (Y/N)		GATE 4					MSL	
Battery <u>12.98</u> v.		GATE 5					DTW	<u>10.85</u>
Int. Batt. _____ v.		GATE 6					STAGE	<u>49.15</u> / <u>63.85</u>
Vel/Cond _____ v.		RAINGAGE	PH	VELOCITY (FT/SEC)	CONDUCT. (UMHOS/CM)	ORP	DO	
Solar Panel cleaned (Y/N)		R _____	BEFORE _____			BEFORE _____	BEFORE _____	
CHANGE DESICCANT		RT _____	4.0 _____			CAL 1 _____	MEMBRANE	
HW Date _____ Time _____			7.0 _____			CAL 2 _____	DATE _____	
TW Date _____ Time _____			10.0 _____			AFTER _____	AFTER _____	
			AFTER _____	CAL _____	CHK _____			

AT OFF TIME		READINGS					DTW	
DATA COLLECTOR <u>LL</u>		HEADWATER	RECORDER	TAPE	STAFF	CHARTS	HEADWATER	TAILWATER
DATE <u>9/19/00</u>			<u>48.715</u>				UPPER	<u>12.00</u>
TIME <u>1235</u>		TAILWATER					LOWER	<u>0.69</u>
RECORDER Time <u>1141</u>		GATE 1					DTW	<u>11.31</u>
LAST LOG Time		GATE 2					REF	
DSP CHK. _____ %		GATE 3					MSL	<u>74.70</u>
BATTERY Change (Y/N)		GATE 4					DTW	<u>11.31</u>
Battery <u>12.754</u> v.		GATE 5					STAGE	<u>63.39</u>
Int. Batt. _____ v.		GATE 6						
Vel/Cond _____ v.		Raingage	PH	VELOCITY (FT/SEC)	CONDUCT. (UMHOS/CM)	ORP	DO	
Solar Panel cleaned (Y/N)		R _____	BEFORE _____			BEFORE _____	BEFORE _____	
CHANGE DESICCANT		RT _____	4.0 _____			CAL 1 _____	MEMBRANE	
HW Date _____ Time _____			7.0 _____			CAL 2 _____	DATE _____	
TW Date _____ Time _____			10.0 _____			AFTER _____	AFTER _____	
			AFTER _____	CAL _____	CHK _____			

REMARKS

DATE/TIME <u>8-21-00</u> <u>Re built antenna</u>	DATE/TIME
<u>measur - Radio OK Checked by</u>	
<u>Stan Wayne</u>	
DATE/TIME <u>9/19/00</u> <u>REC'd @ 1145 to new</u>	DATE/TIME
<u>M.S.L reading 74.70 63.39</u>	
<u>NEW M.S.L is 74.70 at top of pipe</u>	

SITE KIRCOF

Solid State Information Sheet



FORM 0489
Rev. 10/89

AT ON TIME		READINGS					D T W	
DATA COLLECTOR <u>WYK</u>		HEADWATER	RECORDER @ 1300 49.172	TAPE	STAFF	CHARTS	HEADWATER @ 1430	TAILWATER
DATE <u>8-21-00</u>		TAILWATER					UPPER	12.00
TIME <u>1445</u>		GATE 1					LOWER	1.15
RECORDER Time <u>1345</u>		GATE 2					DTW	10.85
LAST LOG Time		GATE 3					REF	60.00 ASSUMED
DSP CHK. _____ %		GATE 4					MSL	
BATTERYS Change (Y/N)		GATE 5					DTW	10.85
Battery <u>12.98</u> v.		GATE 6					STAGE	49.15 63.85
Int. Batt. _____ v.								
Vel/Cond _____ v.		RAINGAGE	PH	VELOCITY (FT/SEC)	CONDUCT. (UMHOS/CM)	ORP	DO	
Solar Panel cleaned(Y/N)		R _____	BEFORE _____			BEFORE _____	BEFORE _____	
CHANGE DESICCANT		RT _____	4.0 _____			CAL 1 _____	MEMBRANE	
HW Date _____ Time _____			7.0 _____			CAL 2 _____	DATE	
TW Date _____ Time _____			10.0 _____			AFTER _____	AFTER _____	
			AFTER _____	CAL _____	CHK _____			

AT OFF TIME		READINGS					D T W	
DATA COLLECTOR <u>LC</u>		HEADWATER	RECORDER 48.715	TAPE	STAFF	CHARTS	HEADWATER	TAILWATER
DATE <u>9/19/00</u>		TAILWATER					UPPER	12.00
TIME <u>1235</u>		GATE 1					LOWER	0.69
RECORDER Time <u>1141</u>		GATE 2					DTW	11.31
LAST LOG Time		GATE 3					REF	
DSP CHK. _____ %		GATE 4					MSL	74.70
BATTERY Change (Y/N)		GATE 5					DTW	11.31
Battery <u>12.759</u> v.		GATE 6					STAGE	63.39
Int. Batt. _____ v.								
Vel/Cond _____ v.		Raingage	PH	VELOCITY (FT/SEC)	CONDUCT. (UMHOS/CM)	ORP	DO	
Solar Panel cleaned(Y/N)		R _____	BEFORE _____			BEFORE _____	BEFORE _____	
CHANGE DESICCANT		RT _____	4.0 _____			CAL 1 _____	MEMBRANE	
HW Date _____ Time _____			7.0 _____			CAL 2 _____	DATE	
TW Date _____ Time _____			10.0 _____			AFTER _____	AFTER _____	
			AFTER _____	CAL _____	CHK _____			

REMARKS

DATE/TIME <u>8-21-00</u>	<u>Re built antenna</u>	DATE/TIME	
	<u>mount - Radio OK Checked by</u>		
	<u>Stan Wayne</u>		
DATE/TIME <u>9/19/00</u>	<u>RECAL @ 1145 TO NEW</u>	DATE/TIME	
	<u>M.S.L reading 74.70 63.39</u>		
	<u>NEW M.S.L is 74.70 at top of pipe</u>		

