Hydrologic Monitoring – Active Rainfall Sites

SITE INDEX

Site	Row	Site	Row
3A-36	K 8	PALMDALE	H 5
3A-S	K 7	PC61	E 5
3A-SW	L 7	PEAVINE	E 6
951EXT	J 3	PEL LAK1	H 8
ACRA2	G 8	PEL LAK2	H 8
ACRAWX	G 8	PEL23	H 8
ALICO	I 6	PERRINE	M 9
ALL2	C 5	PINE ISL	C 5
ALVA FAR	I 3	PLANT IN	I 10
ARCHBO 2	G 4	POINCI	B 4
AVEMAR	J 4	POPASH	H 3
AVONPK	E 5	PRATT AN	H 9
BASING	F 6	RACOON PT	L 5
BCA10	M 6	RITTA	I 7
BCA14	K 5	ROCKK	E 7
BCA15	K 6	ROOK	K 3
BCA16	K 5	ROTNWX	J 6
BCA17	K 5	RUCWF	F 6
BCA18	K 6	S123	M 9
BCA19	L 5	S124	K 9
BCA20	M 6	S125	K 9
BCA4	L 6	S127	G 6
BCA9	L 6	S129	G 6
BCBNAPLE	K 3	S12D	L 7
BCLCYP	L 6	S13	K 9
BCSCYP	L 6	S131	H 6
BCSI	J 6	S133	G 7
BCWTPR	M 6	S135	G 7
BEELNE	B 5	S140	K 7
BELLE GL	I 7	S140W	K 7
BELLW	I 7	S153	H 8
BIRPMWS	G 5	S154	G 6
BIRPSW	G 5	S155	I 10
BIRPWS2	G 5	S165	M 8
BISCAYNE	K 10	S167	M 8
BLUEG	G 8	S169	H 6
BOGGYAFB	B 5	S174	N 8
BRYGR	I 4	S177	N 8
BSET	F 6	S179	N 8
C18W	H 9	S18C	N 8
C24SE	F 8	S190	J 6
CANAL P2	H 7	S191	G 7
CFSW	I 6	S2	I 7
CLEW.FS	I 6	S20F	N 9
COCO1	J 3	S20G	N 9
COCO3	J 3	S21	M 9
COLGOV	K 3	S21A	M 9
COLISEM	L 4	S26	L 9
CORK	J 4	S27	L 9
CORK.HQ	J 4	S28Z	L 9
COWCRK	F 7	S29	L 9
CREEK	C 4	S29Z	L 9
CV5	H 6	S3	I 7
DANHP	L 4	S30	L 8
DAV2	F 7	S308	H 8
DCRK	H 3	S33	K 9
DEVILS	I 5	S331	M 8
DUP3	H 8	S331W	M 8
EAA2	I 7	S332	N 8
EAA4	H 8	S334	L 8
EAA5	J 8	S335	L 8
EAST BEA	H 7	S336	L 8
EAST SHO	I 7	S338	M 8
ELMAX	D 6	S34	K 8
ENR101	I 8	S352	H 7
ENR106	I 8	S36	K 9
ENR203	I 8	S37A	K 9
ENR301	I 8	S37B	K 9
ENR308	I 8	S38	K 9
ENR401	I 8	S39	J 9
ENRP	I 8	S4	H 6
EVP376	F 7	S40	J 10
EXOT	C 6	S41	I 10
FHCHSX	I 10	S44	H 10
FKSTRN	K 5	S46	H 9
FLYGW	F 6	S47B	H 5
FLYING G	F 6	S49	F 9
FPWX	J 3	S59	B 5
FT.PIERC	F 9	S5A	I 9
FT. LAUD	K 9	S5AE	I 9
FTPIER	F 8	S5AX	I 8
G103	D 5	S6	J 8
G136	I 6	S61	C 5
G200A	J 7	S61W	C 5
G300	I 9	S65	D 5
G331D	J 8	S65A	E 5
G343B	J 6	S65AMW	E 5
G3ANE	J 8	S65C	F 6
G3ANW	J 7	S65CW	F 6
G3AS33	L 7	S65DWX	F 6
G3ASWX	L 7	S65E	G 6
G54	K 9	S68	F 5
G56	J 9	S6Z	I 8
G57	K 10	S7	J 8
G600	J 6	S70	G 5
GOLDFS2	K 3	S71	G 6
GRIFFITH	F 6	S72	G 6
GTRSLU	H 2	S75	G 5
HGS5X	H 7	S75WX	G 5
HOMES.FS	N 8	S77	H 6
IMMOKA 3	J 4	S78	H 5
IMMOKALE	J 4	S78W	H 5
INDIAN L	D 5	S79	I 3
INRCTY	B 4	S7WX	J 8
JBTS	O 8	S7Z	J 7
JDWX	G 9	S8	J 7
KENANS1	D 6	S80	G 9
KERI TOW	I 5	S82	F 5
KIRCOF	C 4	S83	F 5
KISS.FS2	B 4	S84	G 6
KRBN	F 5	S9	K 8
KREF	E 5	S97	G 9
L001	G 7	S99	F 8
L005	H 6	SBAY	I 7
L006	H 7	SBDD	K 9
L2GW	I 6	SCOTTO	F 8
LABELE	H 4	SCRG	B 4
LEHIGHW	I 3	SEBRNG	F 5
LOKEEM	H 6	SFCD	I 7
LOTELA	E 4	SGGEWX	K 4
LWD.E1.3	I 9	SILVER	J 4
LWD.E2	I 9	SIRG	H 9
LWD.E2.2	J 9	SIXL3	K 5
LWD.GA	I 9	SLEE	I 3
LWD.HQ	J 10	SLT07	G 9
LWD.L28	J 9	SLT09	G 9
LWD.L32	J 9	SLT19	F 9
LWD.L38M	J 10	SLT26	F 9
LWD.L39R	J 9	SLT29	G 9
LWD.MIL	I 10	SLT36	G 9
LWD.POWE	J 9	SLT38	G 9
LWD.RANG	J 9	SLT40	G 9
LXWS	J 9	SNIVLY	D 4
LZ40	H 7	STA5WX	J 6
MARCO	L 3	SVWX	F 9
MAXCYN	E 6	TAFT	B 5
MAXCYS	E 6	TAMI AIR	M 8
MBTS	N 8	TCS2	F 7
MCARTH	F 5	TICK	E 5
MDTS	N 8	TMCWX	F 8
MIALCK	I 7	TOHO10	C 5
MIAMI 2	L 9	TOHO15	C 5
MIAMI	L 9	TOHO2	C 5
MIAMI AP	L 9	TOWNSITE	I 6
MICCO	F 5	TPTS	O 9
MOBLEY	F 7	VENUSR	G 5
NAPCON	K 3	VERO TOW	E 8
NSID1	J 9	WCA1ME	I 9
OKALN	I 5	WELLINEB	F 7
OKALS	I 5	WHIDDEN	H 4
OKEE FOR	F 7	WPB AIRP	I 10
OKEEFS	F 7	WPBC	H 8
OPAL	F 7	WPBFS	I 9
PAHOKEE1	H 8	WRWX	C 4
PAHOKEE2	H 8	WSTWPB	I 9
PAIGE	I 6	WWTP	I 10

RAIN GAUGE RECORDING TYPE

Recording Tipping Bucket

The tipping bucket precipitation gauge operates by measuring water volume in a lightweight, dual-compartment tipping device. The apparatus has two equally sized buckets on either end that balance on a horizontal axis. As one bucket is in the upright fill position, the other one is draining rainwater. Precipitation collected in the first bucket fills the compartment until the weight of the water causes the container to tip due to instability. This causes the second bucket to move into the upright fill position, while the first bucket empties below.

Recording Weighing Bucket

The weighing bucket rain gauge consists of a rainfall collection reservoir that rests on a scale. Rainfall collected inside the reservoir exerts a weight proportional to the volume of rainfall, which is then recorded on a clock-driven chart. Thus, a continuous account of precipitation over time is achieved, usually in the form of a 7-day graph. The weighing bucket rain gauge allows the analyst to discern rainfall depth to the nearest 1/100th (0.01) of an inch.

Recording Float-Type Stilling Well

The float-type stilling well rain gauge provides continuous precipitation data by using a float mechanism inside the rainfall collection reservoir. Rainfall enters the collection chamber through a funnel to minimize disturbance of the water surface. A stilling device is located inside the reservoir to lessen erroneous oscillations caused by incoming water. The position of the float is recorded by a pen-trace system on a clock-driven chart to generate a plot of rainfall over time, usually in the form of a 30-day graph.

Non-Recording Standard Rain Gauge

The standard rain gauge is a simple device that contains no mechanical components and is non-recording. The gauge itself consists of a collection area, funnel, and collection reservoir. Manual readings are typically made on a daily basis with a measuring stick calibrated to express rainfall volume in inches. Measurements are recorded in a field log to the nearest/100th (0.01) of an inch.

South Florida Water Management Distirict Boundary Location Map

N
W
E
S

6 3 0 6 12 18 24
Miles

Projection Datum: North American 1983 HARN
Coordinate System: State Plane Florida East

Legend

Monitoring Agency

- South Florida Water Management District (SFWMD)
- United States Army Corps of Engineers (USACE)
- United States Geological Survey (USGS)
- Other Agencies

Facilities

- Field Station
- Headquarters
- Water Quality Labratory
- Service Centers

Other Areas of Interest

- Railroad
- SFWMD Canals
- Interstate Hwy
- Turnpike
- US Roads
- State Roads
- County Boundry
- Everglades Agricultural Areas (EAA)
- Water Conservation Areas (WCA)
- Everglades National Park (ENP)
- Big Cypress National Preserve (BCNP)

Stormwater Treatment Areas (STA)

STA 1E, STA 1W, STA 2, STA 3/4, STA 5, STA 6

Note:
Rainfall monitoring sites represent current and active locations monitored by SFWMD or other agencies. The data for rainfall monitoring are stored in the DBHYDRO corporate database. Displayed rainfall sites have data actively recorded in the last 90 days. Status of non-SFWMD data is based on the date of the most recent data received. For map information, please contact:

All Site coordinates are gathered using approved professional grade GPS Receivers with an accuracy level of two meters or higher.

Site / Station Definitions

STATION: A specific coordinate that indicates where data (observations, sampling or monitoring) is collected. Data are usually assigned to Stations by various classifications such as Stage, Flow, Weather, and Water Quality. A coordinate may have more than one Station associated to it. The name given to a station has traditionally been similar to, or an exact duplicate of, the corresponding site name (see "site" below).

SITE: A representative point used to designate one or more Stations that are associated by proximity or project. Site level representation is to provide clarity for small scale mapping in lieu of displaying a high density of associated stations. The Site location is often based on the position of a recording device, such as a remote terminal unit (RTU), or can be derived from a common sense location between the associated stations. A Site should not be viewed as an area feature with specific boundaries but simply as a representative location of activity.

SUMMARY: BOTH A "STATION" AND "SITE" REPRESENT A LOCATION FOR INFORMATION, WITH STATION BEING SPECIFIC TO THE COLLECTION OF DATA AND SITE BEING A GENERAL APPROXIMATION OF ASSOCIATED STATIONS.

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This map is a conceptual tool utilized for project development only. This map is not self-executing or binding, and does not otherwise affect the interests of any persons including any vested rights or existing uses of real property.

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