

Florida Coastal Everglades Metadata Report (FCE)

Everglades National Park, Florida

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on Sun Nov 2 20:31:59 2008

Research Area Information

Florida Coastal EvergladesFCE

Florida Coastal Everglades

Research Area Information

Harvest URL - Option 1

http://fcelter.fiu.edu/data/FCE_LTER_Climdb_METdata.txt

Site URL

<http://fcelter.fiu.edu/>

USGS Harvest URL

http://gce-lter.marsci.uga.edu/harvest/usgs/fce_lter.txt

Meteorological Stations

Everglades NOAA	Everglades
Flamingo Ranger Station NOAA	FlamingoRS
Miami International Airport NOAA	MIA
Royal Palm Ranger Station NOAA	RoyalPalmR
Tavernier NOAA	Tavernier

Everglades NOAA

Meteorological Station

Latitude (decimal degrees)+25.8500

Longitude (decimal degrees)-81.3833

Elevation (meters; a.m.s.l.) 1.5

Exposure

UNKNOWN- Meteorological data collected directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Wind Exposure

UNKNOWN- Meteorological data collected directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Begin Date..... 01 Jul 1948

End Date..... N/A

Topography

UNKNOWN- Meteorological data collected directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Surface

UNKNOWN- Meteorological data collected directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Area Description

UNKNOWN- Meteorological data collected directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

History

UNKNOWN- Meteorological data collected directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Photo URL

N/A

Air Temperature

Begin Date..... 01 Jan 1931

End Date..... N/A

Data Logger Sampling Interval..... Unknown

Summary Interval Daily

Data Accuracy (degree celsius) +/-0.5 degrees C

Instrument Height (meters) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (degree celsius) -10

Maximum QC Threshold (degree celsius) 40

Precipitation

Begin Date 01 Jul 1948

End Date N/A

Data Logger Sampling Interval Unknown

Summary Interval Precipitation reading for 24 hours ending at time of observation

Data Accuracy (millimeters) Unknown

Instrument Height (meters) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (millimeters) 0.00

Maximum QC Threshold (millimeters) 317.50

<h2>Flamingo Ranger Station NOAA</h2>

Meteorological Station

Latitude (decimal degrees) +25.1500

Longitude (decimal degrees)-80.9167

Elevation (meters; a.m.s.l.)0.9

Exposure

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

Wind Exposure

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

Begin Date..... 01 Jan 1951

End Date..... N/A

Topography

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

Surface

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

Area Description

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

History

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

Photo URL

N/A

Air Temperature

Begin Date..... 01 Jan 1951

End Date..... N/A

Data Logger Sampling Interval..... Unknown

Summary IntervalDaily

Data Accuracy (degree celsius) +/-0.5 degrees C

Instrument Height (meters) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (degree celsius)-10

Maximum QC Threshold (degree celsius)41

Precipitation

Begin Date..... 01 Jan 1951

End Date N/A

Data Logger Sampling Interval..... Unknown

Summary IntervalPrecipitation reading for 24 hours ending at time of observation.

Data Accuracy (millimeters) Unknown

Instrument Height (meters) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (millimeters)0.00

Maximum QC Threshold (millimeters)212.34

Miami International Airport NOAA

Meteorological Station

Latitude (decimal degrees)+25.8167

Longitude (decimal degrees)-80.3000

Elevation (meters; a.m.s.l.)10.7

Exposure

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

Wind Exposure

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

Begin Date..... 01 Jun 1932

End Date..... N/A

Topography

UNKNOWN- Data downloaded directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Surface

UNKNOWN- Data downloaded directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Area Description

UNKNOWN- Data downloaded directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

History

UNKNOWN- Data downloaded directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Photo URL

<http://www4.ncdc.noaa.gov/cgi-win/wwcgi.dll?wwDI~StnPhoto~20004250~a~000>

Air Temperature

Begin Date..... 01 Jan 1948

End Date..... N/A

Data Logger Sampling Interval..... Unknown

Summary Interval Daily

Data Accuracy (degree celsius) +/-0.5 degrees C

Instrument Height (meters) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (degree celsius) -10

Maximum QC Threshold (degree celsius) 40

Precipitation

Begin Date..... 01 Jun 1932

End Date N/A
Data Logger Sampling Interval..... Unknown
Summary IntervalPrecipitation reading for 24 hours ending at time of observation.
Data Accuracy (millimeters)Unknown
Instrument Height (meters)Unknown
Instrumentation Description
Unknown
Methods Description
Unknown
Sensor History
Unknown
Calibration History
Unknown
Minimum QC Threshold (millimeters)0.00
Maximum QC Threshold (millimeters)319.02

Royal Palm Ranger Station NOAA

Meteorological Station

Latitude (decimal degrees)+25.3833
Longitude (decimal degrees)-80.6000
Elevation (meters; a.m.s.l.)2.1

Exposure

UNKNOWN- Data downloaded directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Wind Exposure

UNKNOWN- Data downloaded directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Begin Date..... 01May 1949

End Date..... N/A

Topography

UNKNOWN- Data downloaded directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Surface

UNKNOWN- Data downloaded directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Area Description

UNKNOWN- Data downloaded directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

History

UNKNOWN- Data downloaded directly from National Climatic Data Center at <http://www.ncdc.noaa.gov>.

Photo URL

N/A

Air Temperature

Begin Date..... 01 May 1949

End Date N/A

Data Logger Sampling Interval..... Unknown

Summary Interval Daily

Data Accuracy (degree celsius) +/-0.5 degrees C

Instrument Height (meters) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (degree celsius) -10

Maximum QC Threshold (degree celsius) 40

Precipitation

Begin Date..... 01 May 1949

End Date N/A

Data Logger Sampling Interval..... Unknown

Summary Interval Precipitation reading for 24 hours ending at time of observation.

Data Accuracy (millimeters) Unknown

Instrument Height (meters) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (millimeters)0.00

Maximum QC Threshold (millimeters)242.82

Tavernier NOAA

Meteorological Station

Latitude (decimal degrees)+25.0000

Longitude (decimal degrees)-80.5167

Elevation (meters; a.m.s.l.)2.1

Exposure

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

Wind Exposure

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

Begin Date..... 01 Jul 1948

End Date..... N/A

Topography

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

Surface

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

Area Description

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

History

UNKNOWN- Data downloaded directly from National Climatic Data Center at
<http://www.ncdc.noaa.gov>.

Photo URL

N/A

Air Temperature

Begin Date..... 01 Mar 1948
End Date N/A
Data Logger Sampling Interval..... Unknown
Summary Interval Daily
Data Accuracy (degree celsius) +/-0.5 degrees C
Instrument Height (meters) Unknown
Instrumentation Description
Unknown
Methods Description
Unknown
Sensor History
Unknown
Calibration History
Unknown
Minimum QC Threshold (degree celsius) -10
Maximum QC Threshold (degree celsius) 40

Precipitation

Begin Date..... 01 Jul 1948
End Date N/A
Data Logger Sampling Interval..... Unknown
Summary Interval Precipitation reading for 24 hours ending at time of observation.
Data Accuracy (millimeters) Unknown
Instrument Height (meters) Unknown
Instrumentation Description
Unknown
Methods Description
Unknown
Sensor History
Unknown
Calibration History
Unknown
Minimum QC Threshold (millimeters) 0.00
Maximum QC Threshold (millimeters) 350.27

Watershed

Everglades and Southeastern Coastal AreaESECA
Undefined Everglades area Undefined

Everglades and Southeastern Coastal Area

Watershed Descriptions

Gauging Stations

CANAL_111_S-18-C_FLORIDACITY (USGS 2290769)..... C111_S18C
LEVEE_31_NORTH_EXT_AT_1MILE_WESTMIAMI (USGS 22907647)..
LEVEE31_1
LEVEE_31_NORTH_EXT_AT_3MILE_WESTMIAMI (USGS 2290765) ..
LEVEE31_3
LEVEE_31_NORTH_EXT_AT_4MILE_WESTMIAMI (USGS 2290766) ..
LEVEE31_4
LEVEE_31_NORTH_EXT_AT_5MILE_WESTMIAMI (USGS 2290767) ..
LEVEE31_5
LEVEE_31_NORTH_EXT_AT_7MILE_WESTMIAMI (USGS 2290768) ..
LEVEE31_7
TAMIAMI_CANAL_AT_S-12-A (USGS 254543080491101)..... TAM_S12A
TAMIAMI_CANAL_AT_S-12-B (USGS 2289019)..... TAM_S12B
TAMIAMI_CANAL_BELOW_S-12-C (USGS 2289041) TAM_S12C
TAMIAMI_CANAL_AT_S-12-D (USGS 254543080405401)..... TAM_S12D
NW_WELLFIELD_CANAL_NR_DADE_BROWARD_LEVEE_NR_PENN
(USGS 2287497)WELLFIELD

CANAL_111_S-18-C_FLORIDACITY (USGS 2290769)

Hydrologic Gauging Station

Latitude (decimal degrees)25.3206
Longitude (decimal degrees)-80.5253
Elevation (meters; a.m.s.l.)Unknown
Begin Date..... 01-Oct-68
End Date Present
Watershed Area (hectares)Unknown

Associated meteorological station

None

Photo URL

None

History

The complete USGS Station name is Canal 111 at S-18-C near Florida City, Florida

Weir Description

N/A

Weir Calibration and Modification History

N/A

Stream Discharge

Begin Date..... 01-Oct-68
End Date Present
Data Logger Sampling Interval..... 15 minute
Summary Interval daily
Data Accuracy (liters per second)Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (liters per second)-5493.47

Maximum QC Threshold (liters per second)83251.54

LEVEE_31_NORTH_EXT_AT_1MILE_WESTMIAMI (USGS 22907647)

Hydrologic Gauging Station

Latitude (decimal degrees)25.4781

Longitude (decimal degrees)-80.4981

Elevation (meters; a.m.s.l.)Unknown

Begin Date..... 28-Feb-92

End Date..... Present

Watershed Area (hectares)Unknown

Associated meteorological station

None

Photo URL

None

History

The complete USGS Station name is Levee 31 North Extension at 1 mile near West Miami, Florida

Weir Description

N/A

Weir Calibration and Modification History

N/A

Stream Discharge

Begin Date..... 28-Feb-92

End Date..... Present

Data Logger Sampling Interval..... 15 minute

Summary Interval daily

Data Accuracy (liters per second)Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (liters per second)-5125.35

Maximum QC Threshold (liters per second)30865.37

LEVEE_31_NORTH_EXT_AT_3MILE_WESTMIAMI (USGS 2290765)

Hydrologic Gauging Station

Latitude (decimal degrees)25.7464

Longitude (decimal degrees)-80.4978

Elevation (meters; a.m.s.l.)Unknown

Begin Date..... 01-Mar-92

End Date Present

Watershed Area (hectares)Unknown

Associated meteorological station

None

Photo URL

None

History

The complete USGS Station name is Levee 31 North Extension at 3 mile near West Miami, Florida

Weir Description

N/A

Weir Calibration and Modification History

N/A

Stream Discharge

Begin Date..... 01-Mar-92

End Date Present

Data Logger Sampling Interval 15 minute

Summary Interval daily

Data Accuracy (liters per second) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (liters per second)-6173.07

Maximum QC Threshold (liters per second)34263.39

LEVEE_31_NORTH_EXT_AT_4MILE_WESTMIAMI (USGS 2290766)

Hydrologic Gauging Station

Latitude (decimal degrees)25.7017

Longitude (decimal degrees)-80.4961

Elevation (meters; a.m.s.l.) Unknown

Begin Date 11-Jun-94

End Date Present

Watershed Area (hectares) Unknown

Associated meteorological station

None

Photo URL

None

History

The complete USGS Station Name is The complete USGS Station name is Levee 31 North Extension at 4 mile near West Miami, Florida

Weir Description

N/A

Weir Calibration and Modification History

N/A

Stream Discharge

Begin Date..... 11-Jun-94

End Date Present

Data Logger Sampling Interval..... 15 minute

Summary Interval daily

Data Accuracy (liters per second) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (liters per second)-8495.06

Maximum QC Threshold (liters per second)34263.39

LEVEE_31_NORTH_EXT_AT_5MILE_WESTMIAMI
(USGS 2290767)

Hydrologic Gauging Station

Latitude (decimal degrees)25.6858

Longitude (decimal degrees)-80.4972

Elevation (meters; a.m.s.l.) Unknown

Begin Date..... 16-Jun-94

End Date Present

Watershed Area (hectares) Unknown

Associated meteorological station

None

Photo URL

None

History

The complete USGS Station Name is The complete USGS Station name is Levee 31 North Extension at 5 mile near West Miami, Florida

Weir Description

N/A

Weir Calibration and Modification History

N/A

Stream Discharge

Begin Date..... 16-Jun-94

End Date..... Present

Data Logger Sampling Interval..... 15 minute

Summary Interval daily

Data Accuracy (liters per second) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (liters per second)-8070.3

Maximum QC Threshold (liters per second)36811.91

LEVEE_31_NORTH_EXT_AT_7MILE_WESTMIAMI
(USGS 2290768)

Hydrologic Gauging Station

Latitude (decimal degrees)25.6631

Longitude (decimal degrees)-80.4983

Elevation (meters; a.m.s.l.) Unknown

Begin Date..... 16-Jun-94

End Date..... Present

Watershed Area (hectares) Unknown

Associated meteorological station

None

Photo URL

None

History

The complete USGS Station Name is The complete USGS Station name is Levee
31 North Extension at 7 mile near West Miami, Florida

Weir Description

N/A

Weir Calibration and Modification History

N/A

Stream Discharge

Begin Date 16-Jun-94

End Date Present

Data Logger Sampling Interval 15 minute

Summary Interval daily

Data Accuracy (liters per second) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (liters per second)-5210.3

Maximum QC Threshold (liters per second)37944.58

**TAMIAMI_CANAL_AT_S-12-A (USGS
254543080491101)**

Hydrologic Gauging Station

Latitude (decimal degrees)25.7619
Longitude (decimal degrees)-80.8197
Elevation (meters; a.m.s.l.) Unknown
Begin Date..... 01-Oct-63
End Date..... Present
Watershed Area (hectares) Unknown

Associated meteorological station

None

Photo URL

None

History

The complete USGS Station name is Tamiami Canal at S-12-A near Miami, Florida

Weir Description

N/A

Weir Calibration and Modification History

N/A

Stream Discharge

Begin Date..... 01-Oct-63
End Date..... Present
Data Logger Sampling Interval..... 15 minute
Summary Interval daily
Data Accuracy (liters per second) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Maximum QC Threshold (liters per second)43324.78

**TAMIAMI_CANAL_AT_S-12-B (USGS
2289019)**

Hydrologic Gauging Station

Latitude (decimal degrees)25.7611
Longitude (decimal degrees)-80.7681
Elevation (meters; a.m.s.l.)Unknown
Begin Date..... 01-Oct-63
End Date..... Present
Watershed Area (hectares)Unknown

Associated meteorological station

None

Photo URL

None

History

The complete USGS Station Name is Tamiami Canal at S-12-B near Miami, Florida

Weir Description

N/A

Weir Calibration and Modification History

N/A

Stream Discharge

Begin Date..... 01-Oct-63
End Date..... Present
Data Logger Sampling Interval..... 15 minute
Summary Interval daily
Data Accuracy (liters per second)Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (liters per second)-622.97
Maximum QC Threshold (liters per second)39077.25

TAMIAMI_CANAL_BELOW_S-12-C (USGS 2289041)

Hydrologic Gauging Station

Latitude (decimal degrees)25.7611
Longitude (decimal degrees)-80.7261
Elevation (meters; a.m.s.l.)Unknown
Begin Date..... 01-Oct-63
End Date Present
Watershed Area (hectares)Unknown

Associated meteorological station

None

Photo URL

None

History

The complete USGS Station name is Tamiami Canal below S-12-C near Miami, Florida

Weir Description

N/A

Weir Calibration and Modification History

N/A

Stream Discharge

Begin Date..... 01-Oct-63
End Date Present
Data Logger Sampling Interval..... 15 minute
Summary Interval daily
Data Accuracy (liters per second)Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (liters per second)-1387.53

Maximum QC Threshold (liters per second)70792.13

TAMIAMI_CANAL_AT_S-12-D (USGS 254543080405401)

Hydrologic Gauging Station

Latitude (decimal degrees)25.7619

Longitude (decimal degrees)-80.6817

Elevation (meters; a.m.s.l.) Unknown

Begin Date..... 01-Oct-63

End Date..... Present

Watershed Area (hectares) Unknown

Associated meteorological station

None

Photo URL

None

History

The complete USGS Station name is Tamiami Canal at S-12-D near Miami, Florida

Weir Description

N/A

Weir Calibration and Modification History

N/A

Stream Discharge

Begin Date..... 01-Oct-63

End Date..... Present

Data Logger Sampling Interval..... 15 minute

Summary Interval daily

Data Accuracy (liters per second) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Minimum QC Threshold (liters per second)-453.07

Maximum QC Threshold (liters per second)75605.99

**WELLFIELD_CANAL_NR_DADE_BROWARD_LEVEE_NR
(USGS 2287497)**

Hydrologic Gauging Station

Latitude (decimal degrees)25.8911

Longitude (decimal degrees)-80.4369

Elevation (meters; a.m.s.l.)Unknown

Begin Date..... 06-Feb-91

End Date..... Present

Watershed Area (hectares)Unknown

Associated meteorological station

None

Photo URL

None

History

The complete USGS Station Name is N.W. Wellfield Canal Near Dade Broward
Levee Near Penn

Weir Description

N/A

Weir Calibration and Modification History

N/A

Stream Discharge

Begin Date..... 06-Feb-91

End Date Present

Data Logger Sampling Interval..... 15 minute

Summary Interval daily

Data Accuracy (liters per second) Unknown

Instrumentation Description

Unknown

Methods Description

Unknown

Sensor History

Unknown

Calibration History

Unknown

Maximum QC Threshold (liters per second) 10194.07