OPTIONAL FORM NO 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27

5010-107

UNITED STATES GOVERNMENT

# Memorandum

A2827

: Superintendent

DATE: February 4, 1965

M : Chief Park Ranger

JECT: Monthly Narrative Report, January 1965, Division of Resource Management and Visitor Protection

## GENERAL

Weather Conditions: Warm southerly breezes heralded what appeared to be the start of the best tourist season in many a year. The one flaw in the weather came in the form of a fast-moving short-lived cold front, hitting the area on the night of January 17. A low of 30 degrees was recorded in the Royal Palm area. Truck farmers along the East boundary suffered minor loss from frost, however, Hole-in-the-Donut tomatoe fields escaped with no damage.

Rainfall was spotty with Royal Palm recording .52" and Tamiami 1.4". The water table continued to drop with the Taylor Slough gauge reading 2.70' on January 31. This compared with 3.18' for the same date last year and 3.73' for the last day of December.

Small craft warnings were flown at Flamingo and Florida Bay on two days during the month.

The following is a weather summary for the Park:

| Station | Max.Temp. | Mean(Temp) Max | Min Temp | Mean Min | Rainfall |
|---|---|---|---|---|---|
| Royal Palm | 86° | 77.4° | 30° | 53.9° | 0.53" |
| Tamiami | 88° | 78.1° | 35° | 57.5° | 1.42" |
| Flamingo | 81° | 75.3° | 33° | 56.5° | 0.68" |
| Key Largo | 82° | 75.8° | 41° | 65.2° | 1.08" |
| Everglades | 84° | 77.3° | 32° | 55.0° | 0.84" |

Increase or Decrease in Travel: Visitation to Everglades National Park continued to climb in record breaking strides. During the month of January, 100,644 persons entered the area and represents a 20% increase over January 1964. This is the third highest month of visitation in the Park's history over-shadowed only by March and February of last year. Camper use increased by 8% over last January with 23,812 persons using the area. This was in spite of the fact that a campground extension at Flamingo had not been completed. Both the Flamingo campground and the Long Pine Key campground were forced to use overflow areas most every night during the month.

Persons representing all of the 50 States were in the area as well as those from 10 Canadian provinces and the following foreign countries: Argentina, Panama, India, Spain, Belgium, Denmark, Austria, Australia, Columbia, Sweden, Wales, England, South Africa, Cuba, San Salvador, France, Germany, Scotland, Ireland, Italy, Iceland, Norway, New Zeland, The Congo, U.S.S.R., The Netherlands, and Honduras.

List of Visitors attached.

Special Activities: The Master Planning Team (Mr. Ley, Mr. Thuring, Mr. Ludgate, Mr. Stewart, and Mr. Comstock) arrived on January 4 and remained in the area most of the month. The Chief Ranger and other members of the Ranger force spent considerable time assisting this group.

The U. S. Department of Agriculture Pink Bollworm Control crews arrived back in the Park and set up their camp at Flamingo. Operations of this group were proceeding in the Cape Sable area, Gulf Coast and Lower Florida Bay by the end of the month.

Word was received that Homestead Air Force Base Fire Chief Tim Miller retired during the month. Chief Miller had been very helpful in assisting Park Rangers in building fire training and securing some surplus fire equipment for our use. Mr. Miller was replaced as Fire Chief by James C. Bowen.

A Special Use Permit was issued to Florida Power and Light Company to construct utility lines across the lower section of Taylor Slough into the Hole-in-the-Donut area primarily to serve the new missile site located there. Park Rangers assisted in the preliminary surveys for this line which is located approximately two miles south of the Pine Island residential area.

A Special Use Permit was issued to the H.R. B. Singer Corp. who is doing research for the Armed Forces. This work to consist of flying aircraft over certain areas of the Park measuring infra-red intensities as energized from ground apparatus. Park Rangers assisted in locating and installing ground equipment for this study.

The Park Safety Committee met twice during January to discuss the new accident report and review personnel injuries occurring during the month.

With assistance from the Interpretive Division, Park Rangers prepared a photographic display to be used at the Dade County Youth Fair. Later in the month, Rangers installed the display at the 3-day fair located at Kendall, Fla. From all outward signs it appears that this effort was well received by the general public.

Two members of the Ranger Division attended a two-day rural fire defense school held at the Dade County Civil Defense Center. This school was presented and conducted by the Florida State Forest Service.

In preparation for the opening of the Shark Valley Loop Road, Rangers and Fire Control Aids constructed the Otter Cave Interpretive Trail which is located on this road. (200 ft. in length)

Park Rangers continued their assistance rendered to Dr. Frank Craighead in the study of water conditions pertaining to culverts along the Park road. Approximately one man day per week is involved in this study.

## Administration

Personnel. Francis X. Guardipee, Jr., was reassigned from Supervisory Fire Control Aid, GS-5, to Park Ranger, GS-5.

District Ranger James R. Whitehouse, Jr., was selected as a Deputy Camp Director for a Job Corps camp to be located at Smoky Mountain National Park. Ranger Whitehouse left the area on January 30 to attend a 5-day trainin g session held at Camp Arrowwood, N.C.

## Conservation, Interpretation and Use

Interpretive Services. Ranger personnel from the Gulf District gave nine interpretive talks to a total of 746 persons during January. These talks included six schools, one PTA, one church group, and one Lions Club.

The Ranger-led boat-a-cades continued operating with a total of 17 boats and 59 visitors participating. New routes were introduced from the Flamingo area including trips through the Roberts and North Rivers.

Research and Observation. The Park's major rookeries, including East River, Rookery Branch, and Cuthbert were surveyed during January. All were reported active. Traffic into these areas by airboats or boat was halted and aerial observation will be the only means of observation until the rookeries are well formed and the birds are on their way to a successful nesting season.

Ranger Max Holden completed his turtle nesting research report during the month. This report was based on information he gathered during the nesting season last summer. It is hoped that this study may be continued in the same area during the spring and early summer of 1965.

Protection. One of the heaviest hunting (deer) seasons in South Florida ended January 3. Hunting in the Hole-in-the-Donut area and the 10-mile corner section adjacent to the Park were particularly heavy this season.

Park Rangers participated in a record of 18 boat rescues during the Month. One of particular interest involved two men who failed to sign out at the Flamingo boat registration desk. Their craft broke down in the Snake Bight area of the Park and they were stranded for three days. The craft was finally sighted by a Park Ranger who waded across the mud flats to get to the men. They were found suffering from exposure as the temperature had gone down to 33 degrees the night before. With the cooperation of the Park concessioner, they were taken to the Flamingo motel, given warm baths, and hot coffee. Both men apparently suffered no permanent ill effects from the experience.

An argument involving two Everglades Park Co. concession employees ended in a stabbing. The victim was taken to Homestead hospital where several stitches were necessary. This incident was investigated by Park Rangers and an agent from the FBI.

On a routine visit to Flamingo, Border Patrol agents found two Canadian employees of the Everglades Park Co. had entered the country illegally and the agents arrested the two and removed them from the Park.

Two cases of vandalism were investigated. One involving destruction of some interpretive devices on the Pa-Hay-Okee Trail; the other, breaking of a gate on the dump road. Both these cases were in the Royal Palm Sub-District.

A preliminary hearing involving the (shooting) hunting of deer within the Park was held before the US Commissioner on January 14. On request of the defendant and his lawyer, the case was bound over to Federal District Court in Miami to be heard at a later date.

Patrol mileage for the Park was as follows:

| | |
|---|---|
| Motor Vehicle | 13,654 |
| Air boats | 72 |
| Glades buggy | 53 |
| Boat | 2,015 |
| | 15,794 |

Forest Fire Protection. Two members of the Ranger Division attended a two-day rural fire training session conducted by the Florida Forest Service held at the Dade County Civil Defense Headquarters. This was a 2-day session.

A total of 20 burning permits were issued to farmers in the Hole-in-the Donut and the East Boundary protected zone.

Park suppression crews were not called upon to fight any wildfires during January.

Insect and Tree Diseases. The Department of Agriculture Quarantine Division started their annual project eradicating wild cotton in the Park in an attempt to control the pink bolworm. Project started this year with activation of the Flamingo camp on January 8. Initially, a one-team 12-man crew is being used.

Building Fire Protection. Building Fire Control Plan for Flamingo has been revised and re-written to include the expanded facilities located in this area. Fire brigade training at Flamingo and Pine Island was conducted during the month.

## Resource Planning

Cooperation with other Federal, State and Local Agencies. Transportation was furnished USGS personnel in reading water gauges located through the Park.

Dr. Frank Craighead accompanied personnel on several of these trips.

The State Board of Conservation, US Department of Agriculture, and US Coast Guard all used docking facilities for short periods at the Gulf Coast Ranger Station. This courtesy was rendered these agencies while they were conducting business in or adjacent to Park waters.

Robert J. Branges

Attachment
List of Visitors

List of Visitors (January 1965)

Dr. J. E. Hoffmiester, Professor of Marine Geology, University of Miami, Marine Lab., Miami, Fla.

Mr. & Mrs. James Crowe, Outdoor Editor for the Detroit News, Detroit, Michigan

Mr William Scifies, Reporter of the Indianapolis Star, Noblesville, Ind.

Mr. William A. Meanerhan, Budget and Finance Officer, Southeast Regional Office, National Park Service, Richmond, Va.

Mr. Raymond O. Mulvany, Assist. Regional Director, Southeast Region, NPS, Richmond,Va

Dr. George Sprugel, Jr., Branch of Natural Sciences, NPS, Washington, D.C.

Mr & Mrs Merel S. Sager, Division Landscape Architecture, NPS, Washington, D.C.

Mr Otis Inboden, National Geographic, Washington, D.C.

Mr. William Garn, US Border Patrol, Miami, Fla.

Mr Tom Bredow, Park Ranger, Great Smokies National Park

Mr. T.G. Dunkin, representative of Canadair Limited, Montreal, Canada

Mr Charles P Logy, Jr., Vice President, New Jersey Helicopter Airways Inc,Trenton,N.J.

Mr. F. J. Vosburgh, National Geographic, Washington, D.C.

Mr Donald E. Lee, Land & Water Rights, NPS, Washington, D.C.

Dr & Mrs P. W. Richards, University of North Wales, Bangor, Wales

Dr & Mrs Paul L. Mangelsdart, Botanical Museum, Harvard University, Cambridge, Mass.

Dr. Henry Kritzler, Bard College, Annandal-on-Hudson, N. Y.

Mr & Mrs Sam Faulk, Photographer for N.Y. Times, New York, N.Y.

Mr & Mrs Earl M. Semingsen, Supt of Dinosaur National Monument, Artesia, Colorado

Dr Don Sudia and Mr Gibb Johnson, US Public Health Service, Atlanta, Ga.

Mr & Mrs Richard Hart, Steven T. Mather Training Center, Harpers Ferry, W. Va.

Mr & Mrs Tom Miroe, Park Ranger, Shenandoah National Park, Luray, Va.

Mr Robert M. Utley, Office of History Studies, NPS, Washington, D.C.

Dr. Taylor R. Alexander, Botany Dept, Univ. of Miami, Coral Gables, Fla.

Mr. Don B. Cullimore, Information and Education Officer, Florida Game Commission, Tallahassee, Fla.

Mr. Walt Deneen, Fish Biologist, Florida Game Commission, Tallahassee, Fla.

Senator and Mrs Lee Metcalf, Helena, Montana

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK

IN REPLY REFER TO:

January 31, 1965

Monthly Narrative and Public Use Report

Gulf Coast District

January 1965

District Ranger---Richard A. Stokes

Supv. Park Ranger---Edward R. Carlson

Park Ranger---Kenneth O. Morgan, Jr.

Memorandum:

To: Chief Ranger Date: 31 Jan 65

From: District Ranger

Subject: Monthly Narrative Report, January 1965
Gulf Coast District

## GENERAL

### Weather

Two cold snaps marred the warm weather. North winds kept tides extremely low for several days and small craft warnings were flown. Rainfall was extremely light.

Mean Max. Temperature 77.3° Max. Temperature 84°

Mean Min. Temperature 55.0° Min. Temperature 32°

Rainfall 0.84" with 0.76" falling on the 31st.

### Travel

Travel was down 9.6% or 767 persons compared to January 1964. This loss is in boat tour travel. Fishing, both commercial and sports seems about normal. Road construction along the Tamiami Trail is causing some of this decrease.

### Visitors

Dr. J.E. Hoffmiester Professor of Marine Geology, University of Miami Marine Lab., Miami, Florida

Mr. and Mrs. Jim Crowe Outdoor Editor for the Detroit News, Detroit, Michigan.

Mr. and Mrs. Sam Faulk Photographer for the N.Y. Times, N.Y.,N.Y.

### Special Activities

Master Plan team was in the area on January 8th. Messrs. Burroughs and Branges accompanied them on the trip.

## COOPERATIVE ACTIVITIES

### Cooperation with Other Federal, State or Local Agencies

We continue to allow the State Board of Conservation Agents to store their boats in our area and use our hoist whenever needed.

The Department of Agriculture(Federal) has been using our boat basin to store their boat over the last week of the month.

## Cooperation with Non-governmental Agencies

The contractor who repairs the lights on the channel markers for the U.S.C.G. was launched at our boat hoist.

ERP

## INTRRRETIVE ACTIVITIES AND DEVELOPMENTS

### Interpretive Services

The ranger force has given several talks this month in lieu of the naturalist division.

Nine talks were giver and the movie Prowlers of the Everglades was shown at each. A total of 746 persons attended these talks. Each man in the district gave three programs. Six were to schools throughout Collier County, one to the local P.T.A., one to the Community Church and one to the Lions Club.

It is felt that much is being accomplished by these various talks that have been given for the past several years. We are reaching new people, especially the children.

### General Publicity

Much has been written about Everglades City area this month. Copies have been sent to the office.

### Public Relations

On Saturday, January 23rd, a auto-cade was conducted to the Shark Valley Observation Area for some of the local citizens by the district ranger. The Superintendant and party met the group there and the Superintendant gave a brief talk to the group. Eight cars and 25 persons were on the trip plus two official cars with 7 persons.

## OPERATIONS

### Protection and Ranger Service

Boat Mileage 1215 Auto patrol 221 miles

| Boat-a-cade | Number | boats | persons |
|---|---|---|---|
| | 1 | 8 | 23 |

Commercial boats checked 9

Private boats checked 52

Two search and rescues were made and one was started. The latter was called off when private plane located boat. The other two were carried to successful conclusions. One was found at night just north of Park waters. The operator was lost and had stopped to spend a very cold night as it was the first night of our cold weather. The other was a sunken boat in which 3 men had spent 25 hours in the water awaiting rescue. They had tied themselves to the boat and were safe except for exposure.

Thirty-one more commercial permits were issued which means concider-

able time was spent on this operation.

One alligator hunter was contacted in Alligator Bay, but all he had was a "gator hook" and no charges could be made.

Many routine patrols were made to the back waters. Two trips were made into the headwaters of Lostmans River with Dr. Hoffmiester of the University of Miami Marine Lab locating Limestone rock formations.

Concession

Travel was down 50.8% or 582 persons from 1964. As mentioned under travel, roads were partly at fault and signs being down helped to c cause this deficit.

Respectfully submitted,

For Kenneth O. Morgan, Jr.

Richard A. Stokes

MEMORANDUM

To: Chief Ranger Date 31 Jan 65

From: District Ranger

Subject: Monthly Public Use Report
Gulf Coast District
xJanuary 1965

Travel

Total Visits 7130

1. Persons in office 33
2. Persons on boat tour 565 (Estimated. Actual 499 by lpm 1/30/65)
3. Persons entering park by boat 6565

Line 2g. other overnight 298

Line 4b special use data 6267 persons entering park by boat

Line 4c special use data 2507 persons entering park waters

Travel down 9.6% or 767 persons

Boat tour down 50.8% or 582 persons

EVERGLADES NATIONAL PARK
and
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 275
HOMESTEAD, FLORIDA

MONTHLY BOAT TOUR REPORT

TRIP Mangrove Wilderness MONTH January 1965

| DATE | NO. TRIPS | ADULTS | CHILDREN | FREE | TOTAL |
|---|---|---|---|---|---|
| 1 | 4 | 25 | 2 | 4 | 31 |
| 2 | 4 | 24 | 3 | 6 | 33 |
| 3 | 4 | 21 | 4 | 2 | 27 |
| 4 | 1 | 3 | 1 | 2 | 6 |
| 5 | 3 | 12 | 3 | 4 | 19 |
| 6 | 2 | 8 | 2 | 3 | 13 |
| 7 | 2 | 10 | | 3 | 10 |
| 8 | 2 | 7 | 3 | | 10 |
| 9 | 3 | 20 | 1 | 3 | 24 |
| 10 | 2 | 12 | 1 | | 13 |
| 11 | 2 | 5 | 2 | 1 | 8 |
| 12 | 1 | 4 | 1 | | 5 |
| 13 | 1 | 4 | 2 | | 6 |
| 14 | 1 | 6 | | | 6 |
| 15 | 2 | 7 | 2 | | 9 |
| 16 | 1 | 7 | | | 7 |
| 17 | 2 | 8 | 1 | 3 | 12 |
| 18 | 2 | 15 | 1 | 2 | 18 |
| 19 | 2 | 10 | 2 | 1 | 11 |
| 20 | 1 | 7 | | | 7 |
| 21 | 2 | 10 | 3 | | 13 |
| 22 | 2 | 6 | | 2 | 8 |
| 23 | 2 | 10 | 2 | 2 | 14 |
| 24 | 3 | 17 | 2 | 3 | 22 |
| 25 | 2 | 10 | 2 | | 12 |
| 26 | 3 | 15 | 3 | 4 | 22 |
| 27 | 3 | 18 | 5 | 2 | 25 |
| 28 | 4 | 20 | 4 | 2 | 26 |
| 29 | 4 | 25 | 6 | 7 | 38 |
| 30 | 5 | 47 | 3 | 6 | 56 |
| 31 | 6 | 40 | 5 | 6 | 51 |
| | | | | | |
| TOTAL | 78 | 433 | 66 | 68 | 565 |

Submitted By: Paula Hamilton

OPTIONAL FORM NO. 10
5010-103

UNITED STATES GOVERNMENT

# *Memorandum*

TO : Chief Rangers Office

DATE: Febuary 2, 1965

FROM : Acting District Ranger (Mangrove)

SUBJECT: Monthly Report (District)

Attached are the two separate Sub. District Reports and the Fire Control Aid Report for the month of January 1965.

The use of F.C.A. Pfeifer extended more into Ranger activities in light with the increased travel and the need for better visitor services and protection.

Robert E. Benton
Robert E. Benton
Acting Mangrove District Ranger

ends. Camping use, up 4.4% over last January, was double that of December. The Flamingo Lodge and Cottages were up 33% over last year and 4.6% over last month. Total visitor days increased 10% from a year ago and 38% from a month ago.

Visitors:

1/3 Warren Ost, Director, A Christian Ministry in the National Parks
1/5 Regional Master Planning Team
1/6 Mr. & Mrs. Richard Hart, Stephen Mather Training Center
1/7 Mr. & Mrs. Tom Monroe, Park Ranger, Shenandoah NP
1/13 Dr. Don Sudia, US Public Health Service
1/13 Mr. Gibson Johnston, USPHS
1/14 Mr. Frederick Vossburge, Assoc. Editor, National Geographic Magazine
1/14 Mr. Utley, Chief Historian, WASO
1/21 Mr. Faircloth, District Supervisor, US Dept. of Agriculture
1/23 Mr. Tom Bredow, Park Ranger, Great Smoky Mountains NP
1/26 Mr. Merle Sager, Chief Landscape Architect, WASO
1/26 Mr. Freeman Tilden, author
1/27 Mr. Otis Imboden, Photographer, National Geographic Magazine
1/30 Sen. & Mrs. Lee Metcalf, Montana

Special Activities: The Regional Master Planning Team surveyed the area early in the month as background for the writing of a Master Plan for the park.

## Administration

Personnel: District Ranger J. R. Whitehouse left the area on the 30th to attend training in preparation for a position with the Youth Conservation Corps. Subdistrict Ranger Benton assumed duties as Acting District Ranger in his absence.

Safety and Health: A study was made of the seating capacity of the Flamingo auditorium to determine a safe limitation to be imposed during the heavily attended evening programs. An official capacity has not yet been determined. A total of nine first aid cases were handled during the month, including one trip to the hospital in Homestead in the very early morning. This was with a woman who had severely lacerated her face in a camping accident. A sanitation inspection of the main EPC kitchen was conducted and showed only minor irregularities. Rental skiffs were also inspected for safety during the month.

## Conservation, Interpretation and Use

Interpretive Services: A total of 59 people in 17 boats enjoyed the four Boat-a-Cades held during the month. A new route, including portions of the Roberts and North Rivers, was put into use and seems to be very popular.

Research and Observations: On January 2nd Ranger-Pilot Miele reported considerable activity in the East River, Rookery Branch, and Cuthbert Rookeries. All traffic to these areas was halted on this date. Later observations during the month showed increases in the number of birds in all rookeries.

The culvert flow and water level study being conducted by Dr. Craighead and Ranger Holden was continued and is yielding much information about shifts in the biology of this area as the dry season comes on.

Ranger Holden's Cape Sable turtle research report was received very favorably and plans for continuation and expansion of the project are now being made.

Protection: Flamingo personnel participated in sixteen boat rescues during the month. These rescues necessitated the use of all types of equipment, from a canoe to the 26' "Aripeka". In addition, Park Service and Coast Guard aircraft provided assistance on several occasions. Several of the rescues were made at night under very adverse conditions. In one case, two men suffered from severe cases of exposure when they were stranded for nearly 36 hours in very cold weather. In this, as in most rescues made, the party had not used the float plan log at the boat ramp; this greatly delays and hinders any rescue operation.

Boat use was severely curtailed as of the 18th as an economy measure. The "Aripeka" was removed from service and use of the Martin boats was limited to 28 hours per month.

A purse containing $50 was stolen from a visitor at the motel; a former EPC employee was suspected of the theft but no case could be made against him. The FBI was called in to investigate a case of assault with a deadly weapon in the stabbing of one EPC employee by another. Some of the same individuals involved in this case were later arrested by rangers for theft of a car belonging to the concessioner. The complaint was subsequently dropped by the concessioner.

U.S. Border Patrol agent Bill Garn arrested two EPC employees for illegal entry into the country. Both men were later deported to Canada.

Insects and Tree Diseases: The Department of Agriculture started their cotton eradication work here on the 8th with one team of twelve men.

Maintenance: The "Chekika" was removed from the water and underwent a complete overhaul during the month. It was replaced by the "Osceola" from Key Largo.

Two water lines in the campground were broken and another line near the storage tank also had to be repaired.

Concessioners: The Everglades Park Company installed time clocks to begin compliance with Federal labor laws. A sight-seeing trip to Cape Sable was begun on the 12th with trips three times a week.

Complaints: One written complaint concerning NPS operations was received and information was supplied to the Chief Ranger's Office for a reply.

Robert E. Benton

ROBERT E. BENTON
Subdistrict Ranger

FET-P119/60

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 275
HOMESTEAD, FLORIDA

Date Jan. 30,1965

Memorandum

To: District Park Ranger, Mangrove District

From: Supervisory Park Ranger (Park Ranger) Castleberry

Subject: Monthly Narrative Report for the Month of January, 1965

General

Weather Conditions:

| Maximum Temp. | Minimum Temp. | Mean Max. | Mean Min. | Ppt. |
|---|---|---|---|---|
| 82 | 41 | 75.8 | 65.2 | 1.08 |

Comments: The weather in general was cool and windy. Small craft warnings were displayed on 4 days during the month. The strong variable winds kept the bay rough. The low of 41 was recorded on Jan.18.

Increase or Decrease in Travel:

Total visitor days decreased slightly, about 2%, under December 1964, this was due to the cold windy weather in Jan. Visitation increased 2% over Jan.196

Campground use - Flamingo (trailers) _____
(tents) _____
Total Visitor Days _____

Camper Use - Lostman's River
Total Visitor Days _____

Camper Use - Florida Bay
Total Visitor Days 30

Boat Travel:

Rental Boats (Flamingo) _____ Visitor Days _____
Sightseeing Boats (Flamingo) _____ Visitor Days _____
Ramp Boats (Flamingo) _____ Visitor Days _____
*Slip Rentals, live (Flamingo) _____ Visitor Days _____
Charter Boats (Flamingo) _____ Visitor Days _____
*Boats observed (estimated - Lostman's River _____
Visitor Days _____
*Boats observed (estimated) - Florida Bay 1450
Visitor Days 5060

*Boats entering from outside

Visitors: Jan. 3, George Stevenson, Pres. Izaac Walton League. & Dr. Ronald Davis, Biology professor, Colby College, Maine.
Jan. 9, Ass't. Sup't. Burroughs with Mr. Comstock, Integrate, Thurning, Stewart & Ley, of Master Plan team.
Jan. 25, Mr. Simington, Supt. Dinosaur Nat. Mon. Colorado.

Special Activities: On Jan. 9, Mr. Burroughs and five members of the Master Plan team visited the Key Largo area. Discussions were held regarding the future development plans for Key Largo. A boat trip was made to Tern Keys and Pennekamp State park was visited.

Miscellaneous: On Jan. 11, the inboard boat Osceola was delivered to Flamingo for their use while Cherika is out for repairs. This action left the Key Largo station with only a 14' skiff for boat patrol work during the rest of the month. A new 18 HP motor was installed on the Starcraft skiff, on Jan. 18.

Administration

Personnel: District Ranger Whitehouse visited the Sub-district on Jan. 6 and a discussion was held regarding Ranger Castleberry's form 10-89, which is being submitted.

Conservation, Interpretation and Use

Interpretive Services:

Research & Observations: On Jan. 3, Ranger Castleberry participated in the Key Largo X-mas bird count, providing a boat and covering about 70 miles in N. Florida Bay with George Stevenson. 6 keys were landed on and about 50 species of birds were observed. Several Roseate Spoonbill nests were examined on Tern Keys, the young are about ready to leave the nest. One crocodile was observed on Blackwater sound outside the park boundary. Attempts to capture a crocodile are continuing.

Protection:

Boat Patrol Mileage: 400 Vehicle Patrol Mileage: 535

One boat rescue was made on Jan. 10, when a disabled boat was found at Lake key and towed to Key Largo. On Jan. 9, an unattended tent & camp equipment were found on West Keys. After 3 days the equipment was removed to Key Largo and a note left for the owner who subsequently claimed his equipment. Work continued on issuance of commercial operations permits & boat inspections. Due to the limitations of the small skiff, boat patrol and sports fishing checks were limited to Blackwater sound and areas near to Key Largo.

Fire Protection: On Jan. 11, Fire Control Aide Pfeifer visited the Key Largo area and made inspections to gather information for the fire control plan he is writing. All 6 fire extinguishers were inspected, 2 were replaced. A 120' garden hose was requesitioned to be used to fight fires near the Station.

Maintenance: One day was spent on Nest Keys, cleaning the beach. A hole was dug behind the beach ridge for camper's refuse. Two closed area signs were prepared and installed at Tern Keys. Two 6MPH signs were prepared for installation at the entrances to Rocky creek.

Concessioners: Menus from four restaurants in the keys were obtained, for use by the CRO in administering the Flamingo Concessioner's restaurant prices.

Complaints:

Safety & Health:

## Resource Planning

### Cooperation with Other Federal, State or Local Agencies

Personal contacts were made with Lt. Little, State Saltwater Conservation agent; Patrolman Gracy, Fla. highway patrol for upper keys; Lt. Parker on Monroe County Sheriff's Sub-station: and Supt. Hardee of Pennekamp State Park: and Lt. Dubs of the Coast Guard.

## Public Affairs

General Publicity:

Public Relations: Ranger Castleberry accompanied Supt. & Mrs. Joseph to a meeting of the Izaac Walton League in Islamorada on Jan. 16. Contacts were made with many "Conservation Oriented" individuals. Due to bad boating weather and the lack of a patrol boat, public relations work in the keys was stressed this month. Several new contacts were made at Motels & other business places near the park's boundarys.

Signed: Don H Castleberry



ENP-P119/60 (Revised Dec 62)

E P-P125/60

EVERGLADES NATIONAL PARK
P. O. BOX 275
HOMESTEAD, FLORIDA

MONTHLY PUBLIC USE REPORT, MANGROVE DISTRICT — January, 1965

| | Boats | People | CURRENT MONTH | CALENDAR YEAR TO DATE |
|---|---|---|---|---|
| 1. TOTAL VISITS (entry by boat) | | | | |
| a. Florida Bay, non-commercial | 1250 | 4375 | | |
| b. Florida Bay, commercial fishermen | 200 | 300 | | |
| c. Cape Sable, non-commercial | | | | |
| d. Cape Sable, commercial fishermen | | | | |
| e. Flamingo, slip rentals | | | | |
| f. Estimated uncounted boats (1/3 of a & c) | | | | |
| Total | 1450 | 4675 | | |
| 2. OVERNIGHT VISITS | | | | |
| a. Accommodations, concessioner | | | | |
| b. Accommodations, private inholdings | | | | |
| c. Designated campsites, tents, Flamingo Campground | | | | |
| d. Designated campsites, trailers, Flamingo Campground | | | | |
| e. Undesignated campsites, tent, (campground overflow) | | | | |
| f. Undesignated campsites, trailer, (campground overflow) | | | | |
| g. Other overnight | | | | |
| Aboard private boats, Cape Sable | | | | |
| Aboard private boats, Florida Bay | | 255 | | |
| Primitive sites reached by boat, Cape Sable | | | | |
| Primitive sites reached by boat, Fla. Bay | | 30 | | |
| Commercial fishermen, Cape Sable | | | | |
| Commercial fishermen, Florida Bay | | 100 | | |
| Rental houseboats, Flamingo | | | | |
| Total | 1450 | 5060 | | |
| 3. TOTAL VISITOR DAYS (add lines 1 and 2) | | | | |

MONTH

4. SPECIAL USE DATA
   a.
   b. Persons, entering by boat from Keys and West Coast
   c. Boats, entering from Keys and West Coast
   d.
   e.
   f. Persons in vehicles actuating traffic counter at Buttonwood Creek

5. MULTIPLIERS
   a. Private autos X 3.5 b. Private boats X 3.5 c. Commercial boats X 1.5

6. REMARKS
   a. Commercial fishermen are included in lines 1, 2g, 4b, and 4c

7. OTHER SPECIAL BOAT USE (visitors)
   a. Flamingo rental skiffs
   b. Flamingo sightseeing tours
   c. Flamingo ramp boats
   d. Flamingo charter boats

TOTAL BOATING USE - - VISITOR DAYS (lines 1a - 1f, 2g, 7a - 7d)

OPTIONAL FORM NO 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27
5010-107

UNITED STATES GOVERNMENT

# *Memorandum*

: Sub-District Ranger Benton DATE: 1/28/65

OM : FCA Pfeifer

JECT: Monthly Activity Report

I. FIRE PREVENTION

A fire brigade training session was held this month with ten men in attendance. These men represented Everglades National Park and Everglades Park Co.

Assistance was given to Ass't Chief Ranger Maxwell, and Mr. Frank Nix concerning an inspection of the Everglades Park Co. auditorum for safety and fire hazards.

A fire inspection of the Key Largo Ranger Station took place during the month and everything was found to be in order.

Other prevention activities included painting of fire hydrants, and extinguishers and maintenance of the fire truck.

The fire control plan for Flamingo is complete and has been submitted for final typing. The Key Largo portion of this plan has not been completed as yet.

A total of at least 41 hours have been devoted to fire prevention.

II. BOATING ACTIVITIES

An orientation trip was made up the Shark River with Carl Ross acting as guide and instructor.

One trip was made to the Shark River with the USGS.

Assisted with two boat rescues in the Buttonwood Canel and one rescue at marker 51.

III. LAW ENFORCEMENT

I investigated the theft of a tent and as yet the results have been negative concerning the recovery of this property.

One verbal and five written warnings have been issued.

## IV. PUBLIC RELATIONS

325 public contacts were made with about 20 sport fish checks included.

## V. ACTIVITY BREAKDOWN

| | | |
|---|---|---|
| Accidents and Emergencies | 1 | hours |
| Campgrounds | 31½ | " |
| Clerical Duties | 8½ | " |
| Construction and Maintenance | 20 | " |
| Informal Public Contacts | 21 | " |
| Law Enforcement | 2 | " |
| Public and Professional Relations | 1 | " |
| Research and Investigations | 10½ | " |
| Shop Talk | 2½ | " |
| Structural Fire | 31½ | " |
| Supervision and Training | 1 | " |
| Technical Details and Special Assignments | 35½ | " |
| Traffic Management | 35 | " |
| Training and Professional Development | 2½ | " |
| Travel, Adminastrative | 2 | " |
| * Leave | 104 | " |

* This includes 8 hours of holiday pay.

Roger L. Pfeifer
Fire Control Aid

## IV. Public Contracts

(1) Public contracts have been made (if none, write "None") with the following:

## V. Activity Statistics

| | | Amount |
|---|---|---|
| Policing and Surveillance | | |
| Transportation | | |
| Tourist Police | | |
| Conservation and Maintenance | | |
| Internal Public Tranquility | | |
| Law Enforcement | | " |
| Public and Professional Relations | | " |
| Research and Investigation | | |
| Drug Traffic | | |
| Industrial Fire | | |
| Supervision and Training | | |
| Foreign Trade and Special Investigation | | |
| Traffic Management | | |
| Training and Special Courses | | |
| Travel, Administration | | |
| * Total | | |

* This includes [illegible] of [illegible] [illegible].

PR files

A 2615
~~A2827~~

Superintendent

March 8, 1965

Chief Park Ranger

Monthly Narrative Report, February 1965, Division of Resource Management and Visitor Protection

GENERAL

Weather Conditions: Warm, balmy temperatures, marred by one short cold snap, prevailed during February. This "tourist weather" boosted Park visitation to a new historic high. Temperatures ranged as high as 88 degrees at Tamiami to a low of 33 degrees at Royal Palm. Daily averages, however, were in the mid-70's. Rainfall was moderate and well distributed throughout this area. Royal Palm received two inches which is slightly above the 10-year normal. Total precipitation at Flamingo was 3.87 inches, well above the average for that station. The water table rose during February and the Taylor Slough gauge read 3.42 feet on the 28th of the month. This compares with 3.07 for 1964 and 2.70 recorded on January 31, 1965. Several days of strong winds produced rough boating conditions in Florida Bay and along the Gulf Coast. On five days, small craft warnings were displayed in this area.

The following is a weather summary for the Park:

| Station | Max Temp | Mean Max | Min Temp | Mean Min | Rainfall |
|---|---|---|---|---|---|
| Royal Palm | 86° | 79.6° | 33° | 58.8° | 2.00" |
| Tamiami | 88° | 80.4° | 39° | 60.0° | 2.71" |
| Flamingo | 83° | 77.7° | 40° | 62.7° | 3.87" |
| Florida Bay | 83° | 77.4° | 47° | 66.4° | 3.05" |
| Everglades | 85° | 79.3° | 37° | 58.6° | 2.99" |

Increase or Decrease in travel: Visitation to the Park continued its climb that started in January with a total of 125,747 persons entering the Park during the month. This represents a new high for any month of visitation in the history of the Park and is 25% above the total for February 1964. Yearly visitation to date is 226,391 or 22% over that of last year. Camper use in the Park is still increasing with a total of 28,439 persons using the two camping areas, representing a 4% increase over February 1964. Park concessioner was also enjoying the benefits of increased visitation and recorded a 27% higher patronage than last year.

Persons from 47 of the 50 States signed the register at the Royal Palm Visitor Center as well as from 7 Canadian provinces, 1 U.S. territory and the following foreign countries: West Germany, the Netherlands, British West Indies, Brazil, Madagascar, France, Equatorial South Africa, Ireland, Israel, Sweden, Germany, Cuba (refugee), Spain, Haiti, Italy, Switzerland, United Kingdom, Denmark, and Belgium.

List of visitors attached.

Special Activities: Two members of the ranger staff attended a special class on cardiac massage and resusitation given by the Dade County Civil Defense organization at their headquarters in Miami.

A park ranger was assigned to assist in manning the Everglades Park Company booth at the 6th day Miami International Boat Show.

On February 21, a serious explosion occurred at the canal construction project on Aerojet General property adjacent to the Park. The Sheriff's office asked the Park Service for assistance in locating the 3 victims of the explosion. Two men in a Service airboat were used helping to locate bodies of those involved.

Miscellaneous: Park Ranger Lee Chamberlaine and his wife Betty returned to Tamiami Ranger Station after a short honeymoon in Georgia. Ranger Chamberlaine was married on Feb. 22.

## Administration

Personnel: Supervisory Park Ranger Zeb V. McKinney left the Park on Feb 2 to attend the Horace M. Albright Training Center at Grand Canyon National Park. FCA Roger Pfeifer left the Park on Feb. 19 to attend the same school in preparation for accepting a permanent position in the Park Service.

Rangers Francis X. Guardipee and Carl Christiansen have been temporarily assigned to Fort Jefferson to cover two vacant Ranger positions in that area.

Ranger James Markette has been temporarily assigned from the Glades District to the Mangrove District to cover the position held by Carl Christiansen.

Fire Control Aid Leon Ward entered on duty in the Glades District on Feb. 21. He has been assigned to the East boundary patrol.

## Conservation, Interpretation and Use

Interpretive Services: Park Rangers in the Gulf District gave 3 talks during February - 1 to the High School science group, 1 to the High School geography class and 1 to the Everglades City Lions Club.

Park Rangers conducted 4 boat-a-cades, 3 of which initiated from Flamingo. A total of 23 boats and 91 people made the trips.

Research and Observation. An aerial check of the major Park bird rookeries was made on February 12. All rookeries were seemingly in good condition, however, it is recommended that a ban on travel to these areas be maintained for the present.

Protection. Pressure on the protection personnel increased with the opening of the Shark Valley Loop Road on February 4. This road (one-way) extending south from the Tamiami Trail to the old 7-Mile Tower and back has a total length of 15 miles. Over 13,000 visitors entered the area during the month. Rangers and Fire Control Aids maintain an 8 A.M. to 5P.M. patrol in the area to protect the abundance of wildlife that can be seen.

Florida Power and Light Co. started their power line across the lower part of Taylor Slough. This line cuts across the extreme lower tip of Paradise Key into the Hole-in-the-Donut and to the newly constructed missile site there. Rangers accompanied Florida Power & Light survey crews on their initial trips across the area and have maintained close liaison between construction crews and Park Headquarters.

The 9-Mile Pond located on the Park Road was closed to fishing during February. This was deemed necessary to protect breeding stock of fresh water fish during the late winter and expected spring drought.

Park Rangers constructed the Otter Creek Nature Trail on the Shark Valley Loop Road. Several days of hard work by Park Rangers and Fire Control Aids were involved. Most of the time worked by these men was donated to the cause.

Ranger personnel conducted 6 boat search and rescue operations for lost or overdue boats. Coast Guard was asked in the location of one craft which was overdue according to the Float Plan Log. The boat was found two days later at Key West. The boat owner decided that while on a trip to Florida Bay to go on to Key West and neglected to change his return date on the register.

Upon request of the U.S. Coast Guard, the Park aircraft was used in searching for a lost Navy plane. The plane was last heard of in the Tavernier area. The Coast Guard asked that we search the Florida Bay areas which were in Everglades National Park. The lost aircraft was not located.

Case involving a low-flying aircraft was heard before the U.S.Commissioner during the month. The craft, a crop-duster, was seen flying extremely low during Jan. 5 by Ranger Markette....Ranger Markette took the numbers of the aircraft, checked the local fields to find where it was based. A citation was issued to the operator to appear before the Commissioner. The defendant pleaded ~~guiiiii~~ guilty and fined $500.00 by the Commissioner. The fine, however, was suspended.

Patrol mileage for the Park was as follows:

| | |
|---|---|
| Motor Vehicle | 16,890 |
| Boat | 1,105 |
| Glades buggy | 64 |
| Airboat | 10 |
| | 18,069 |

Robert J. Branges

Attachment
List of Visitors

RDMAXWELL:gt

List of Visitors (February 1965)

Mr. Otis Imboden, National Geographic photographer
Mr. M. Rumbaitis, Engineer Eastern Office Design and Construction, NPS, Phila.,Pa.
Mr. Harthon L. Bill, Res. Mgmt and Visitor Protection, WASO, Washington, D.C.
Mr. Leonard Pardue, US Weather Bureau, Miami, Fla.
Mr. Boyd Evinson, Chief,Naturalist, Hot Springs National Park, Hot Springs, Ark.
Mr. Luther H. Hodges, former US Secretary of Commerce
Lord and Lady Brookeborough, former Prime Minister of Northern Ireland
Senator Harry Flood Byrd, US Senator from Virginia, Berryville, Va.
Mr. Art Marshall, US Fish and Wildlife Service
Mr. Hasan Sabri,Tahir, guest of the US State Dept. from Cypress
Dr and Mrs John Rankin, Program Director for Environmental Biology, National Science Foundation
Mrs Jessica Kraft, Sagamore Hill National Historic site.
Mr Rudolpf Venakamp, guest of US State Dept. from the Netherlands
Mr. Jerry Hansler, US Public Health Service, Atlanta, Ga.
Mr. William Garn, US Border Patrol, Miami, Fla.
Mr. Walter Gresch, Regional Director, US Fish and Wildlife Service, Atlanta, Ga.
Mr. John Paez, Deputy Warden, N. J. State Forest Service
Mr. Robert Marsland, US Public Health Service, Atlanta, Ga.
Mr. George B. Hartzog, Jr., Director National Park Service
Mr. Ellison Hardee, Supt Pennekamp State Park, Key Largo, Fla.
Mr. Dallas Barkdull, Customs Investigator, US Treasury Dept, Miami, Fla.
Mrs. Carolyn Patterson, National Geographic, Washington, D.C.
A. Nim, Bangkok, Thailand, College Professor

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

IN REPLY REFER TO:

EVERGLADES NATIONAL PARK

March 1, 1965

Monthly Narrative and Public Use Report

Gulf Coast District

February 1965

District Ranger---Richard A. Stokes

Supv. Park Ranger---Edward R. Carlson

Park Ranger---Kenneth O. Morgan, Jr.

Memorandum

To: Chief Ranger Date: 2 Mar 65

From: District Ranger

Subject: Monthly Narrative Report, February 1965
Gulf Coast District

## GENERAL

### Weather

The month of February proved to be rather pleasant with some cold weather and rain.

Maximum Temperature 85° Mean Max. Temp. 79.3°

Minimum Temperature 37° Mean Min. Temp. 58.6°

Rainfall 2.99" with 1.20" falling on the 23rd.

### Travel

Travel was down 14% from February 1964. This was due to less commercial fishing, especially mackeral boats coming into area and a drop in concession boat trip travel.

### Visitors

Mr. John A. Opray....Marine Information Specialist, U.S. Coast & Geodetic Survey, Washington, D.C.
Mr. Boyd Evinson....Chief Naturalist, Hot Springs, Arkansas.
Mr. O'Brien....Chief of Construction, National Capital Parks, Retired.
Mr. Fred Truslow....Park Collaborator, National Geographic Staff.
Mr. Otis Boden....Photographer, National Geographic Staff.
Mr. and Mrs. Patterson....National Geographic Staff.

### Special Activities

Ranger Ken Morgan to Miami International Boat Show for six days, spending 52 hours at show with 12 contributed.

### Personnel

Ranger Ed Carlson took 14 days of annual leave.

## COOPERATIVE ACTIVITIES

### Cooperation with other Federal Agencies

Ranger Morgan assisted Mr. John Opray of the USC&GS in compiling and correcting data for the USC&GS publication "The Coast Pilot". Morgan also took USGS crew to gauging stations on Lostman's, Rodgers and Broad Rivers.

## INTERPRETIVE ACTIVITIES AND DEVELOPMENTS

### Interpretive Services

Ranger Stokes gave talk and showed a film to 20 members of the Everglades High School Science Class. Later in the month Stokes gave a talk on forestry to 18 members of the Everglades High School Geography class. He also showed the film on Hawaiian Volcanoes to 50 persons at the Community Church and to 15 members of the Everglades Lions Club.

### General Publicity

Mrs. B.P. Bole was in the area doing research on Everglades National Park for her husband who will be talking to the Garden Clubs of America convention in New York during March of this year.

## OPERATIONS

Boat Patrol 570 miles Auto Patrol 185 miles

Boat-A-Cade 1 with 4 boats and 13 people

Patrol work was of for the month due to motor troubles, six days of boat show( 1 Gulf Coast ranger in attendance ) and 14 days of annual leave. One citation was given for undersize snooks and 2 warnings were issued concerning commercial permits.

### Maintenance

Much time has been spent on boat and motor maintenance. Both outboard motors have been in the shop for repairs. The Mikonopi was put in the shop for repair work on the bottom.

### Concessioner

Concession travel was down by 36% over February 1964. 1395 people took the boat trip this month as compared to 565 people for January 1965. Concessoner has two boats and three captains in service to meet public demand for the trip.

District rangers have been working with concessioner to improve boat trips and have had good results. Several days were devoted to increasing the boat captains knowledge of the local flora and fauna. This way enabling them to provide the public a more enjoyable trip.

For Respectfully submitted,

Kenneth O. Morgan, Jr.

Richard A. Stokes

MEMORANDUM

To: Chief Ranger Date: 2 Mar 65

From: District Ranger

Subject: Monthly Public Use Report
Gulf Coast District
February 1965

Travel

Total Visits 9304

1. Persons in office 41
2. Persons on boat tour 1395
3. Persons entering park by boat 7909

Line 2g. other overnight 473

Line 4b. special use data 7436 persons entering park by boat

Line 4c. special use data 2682 persons entering park waters

Travel down 14% or 1293 persons

Boat tour down 36% or 775 persons

EVERGLADES NATIONAL PARK
and
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 275
HOMESTEAD, FLORIDA

## MONTHLY BOAT TOUR REPORT

TRIP ______________________ MONTH ______________

| DATE | NO. TRIPS | ADULTS | CHILDREN | FREE | TOTAL |
|---|---|---|---|---|---|
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TOTAL

Submitted By: ______________________

OPTIONAL FORM NO. 10
5010-103

UNITED STATES GOVERNMENT

# *Memorandum*

TO : Chief Rangers Office DATE: March 1, 1965

FROM : Acting District Ranger (Mangrove)

SUBJECT: District Monthly Report.

Attached are the Sub. District Reports for Key Largo and Cape Sable plus the C.R.O. copy of F.C.A. Pfeifers work schedule.

4 pictures attached to report for your use.

Robert E. Benton
Robert E. Benton
Acting Mangrove District Ranger

high camping use on weekends.

Visitors:
2/2 Mr. Mike Rumbaitis, Chief Engineer, EODC
2/5 Mr. "Spud" Bill WASO
2/7 Mr. Luther Hodges, former Sec. of Commerce
2/11 Sen. Harry Byrd, Virginia
2/12 Lord and Lady Brookbrough N. Ireland
2/11 Dr. George Ruhle, WASO
2/13 Mr. Carl Gallion, Florida Park Service
2/16 Mr. and Mrs. Boyd Evison Chief Naturalist Hot Springs NP
2/16 Mr. Art Marshall, U.S. Fish and Wildlife Service
2/16 Mr. Walter Gresch, U.S. Fish and Wildlife Service
2/20 Dr. and Mrs. Rankin, Nat. Science Foundation
2/22 Mr. Jerry Hansler U.S.P.H.S.
2/22 Mr. Bob Marsland, U.S.P.H.S.
2/24 Mrs. Jessica A. Kraft, Sagemore Hill Historic Site
2/25 Mr. Bill Garn, U.S. Border Patrol
2/28 Mr. Koppanan, Finland
2/28 Mr. Niemela, Finland

Special Activities: N.P.S. Director Hartzog and wife visited Flamingo on Feb. 27 th. A short trip into the back country of Hell's Bay was taken in the P.M. With the director were Supt. and Mrs. Joseph, and Mr. and Mrs. Phillips. Mr. Phillips is a member of the Advisory Board for the Sec. of Interior.

## Administration

Personnel: Fire Control Aid Roger Pfeifer left on the 19th to attend the Albright Training Center in preparation for a permanent appointment. Ranger Carl Christensen was assigned to temporary duty as Acting District Manager at Fort Jefferson on the 25th. Ranger Jim Markette moved to Flamingo on the 26th to ease the shortage of protection personnel.

Safety and Health: Six first aid cases were treated during February, three of them on one day. One dase required NPS transportation to the hospital; another required an ambulance. A relay was set up between Homestead and Flamingo to deliver heart medicine to a motel guest.

A small car overturned at Paurotis Pond but all four passengers escaped without injury. The driver was cited for failure to retain control of his car.

Sanitary conditions in the coffee shop were inspected on the 1st, with only minor discrepancies noted. On the 22nd. a team from the U.S. Public Health Service inspected sanitary conditions in all Flamingo operations.

## Conservation, Interpretation and Use

Interpretive Services: Stormy weather forced cancellation of one Saturday Boat-A-Cade but the three that were held attracted 19 boats with 78 people. (See photographs.) On the 20th, thirteen boats followed the ranger patrol boat into the back waterways of the park.

Research and Observations: A proposal for continuation and expansion of the turtle nesting research project was prepared by Ranger Max Holden. An aerial check of the bird rookeries on the 12th showed all rookeries to be in good condition and it was recommended that the ban on travel to these areas be maintained for the present time.

Protection: Several charter boats operating out of Flamingo were inspected prepartory to issuance of commercial operations permits. A U.S. Coast Guard boat inspection team checked private boats at the Flamingo ramp on the weekend of the 19-21st.

Aid was furnished to the Monroe County Sheriff's office in serving a warrent for non-support on an EPC employee. A special report on the past and present activities of the employee concerned was prepared by the Sub. District Ranger.

The canal leading from Coot Bay to Coot Bay Pond was closed with a sign to prevent disturbance of wildlife in the pond by boaters. Nine Mile Pond was closed to fishing on the 10th to prevent depletion of the fish population there, which serves as a reproduction source for a large area of fresh water surrounding the pond.

Five boat rescues were conducted during the month, plus a fruitless search for a boat signed out to Islamorada. With Coast Guard assistance, the boat was located in Key West two days after the time of return indicated in the float plan log.

Patrol Mileage: Vehicle 2,957 , Boat 570

Building Fire Protection: The Mangrove District Structural Fire Control Plan was completed and distributed early in the month.

Maintenance: The cabin cruiser "Aripeka" was pulled from the water for routine maintenance of its bottom.

Concessioners: The annual rate inspection of all Everglades Park Company facilities and services was conducted during the early part of the month.

An inspection trip to the Cuthbert Lake Rookery was conducted to determine the feasibility of resuming the concession's trips to that area. A follow-up trip is to be made around March 5th and the service may be started on about March 10th.

## Design and Construction

New Construction: The new water distribution and sewage system for the area east of the Buttonwood Canal was completed and approved in the final inspection on February 2nd.

Robert E. Benton

Robert E. Benton
Acting Mangrove District Ranger

cc:
District Files
Photographs to C.R.O. only

BOAT - A - CADE LUNCH STOP
SHARK RIVER

BOAT - A - CADE UNDERWAY
PONCE DE LEON BAY

BOAT - A - CADE ASSEMBLY
FLAMINGO BOAT BASIN

BOAT - A - CADE DEPARTURE
BUTTONWOOD CANAL

FRT-PHS/60

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 275
HOMESTEAD, FLORIDA

Date 2/28/65

Memorandum

To: District Park Ranger, Mangrove District

From: Supervisory Park Ranger (Park Ranger) Castleberry

Subject: Monthly Narrative Report for the Month of February, 1965

## General

Weather Conditions:

| Maximum Temp. | Minimum Temp. | Mean Max. | Mean Min. | Ppt. |
|---|---|---|---|---|
| 83 | 47 | 77.4 | 66.4 | 3.05 |

Comments: Temperatures were generally mild, except for a cold period near month's end. Small craft warnings were displayed for 5 days and strong winds during much of February kept the bay rough.

Increase or Decrease in Travel: Total visitor days increased less than 1% over the previous month. Although travel was heavy, in the Keys, boating use was limited by the wind and choppy seas.

Campground use - Flamingo (trailers) _____
(tents) _____
Total Visitor Days _____

Camper Use - Lostman's River
Total Visitor Days _____

Camper Use - Florida Bay
Total Visitor Days 35

Boat Travel:

Rental Boats (Flamingo) _____ Visitor Days _____
Sightseeing Boats (Flamingo) _____ Visitor Days _____
Ramp Boats (Flamingo) _____ Visitor Days _____
*Skiff Rentals, live (Flamingo) _____ Visitor Days _____
Charter Boats (Flamingo) _____ Visitor Days _____
*Boats observed (estimated - Lostman's River _____
Visitor Days _____
*Boats observed (estimated) - Florida Bay 1475
Visitor Days 5152

*Boats entering from outside

Visitors: Feb.7, Supt. Joseph, Frank Nix
Feb.14, Ellison Hardee, Supt. Pennekamp State Park
Feb.15Dr. & Mrs. Frank Craighead
Feb. 23 Dallas Barkdull, Customs Investigator, US Treasury Dept.
Feb. 24 Otis Emboden & Carolyn Patterson, Natl. Geographic Soc.
Feb. 24 Fred Truslow, Park Collaborator & Natl. Geographic Soc.

Special Activities:

On Feb. 14, as representative of E.N.P., attended luncheon and opening of Islamorada Nature Trail sponsered by Islamorada Chamber of Commerce and Izaak Walton League.

Miscellaneous: On Feb. 24 took Natl. Geographic photographer & writer on boat trip to Nest & Tern Keys. Was interviewed and pictures taken for special Article on E.N.P. for National Geographic Magazine.

## Administration

Personnel: Sub-district Ranger Castleberry received step increase to GS 7-2, effective Feb. 14, 1965.

## Conservation, Interpretation and Use

Interpretive Services:

Research & Observations: With Ranger Ralph Johnson, continued attempts to capture Crocodiles at 2 places in Key Largo, with negative results. One 5' crocodile was found dead, in a canal on U.S. highway #1 across from the Park boundary and Jewfish Creek, on Feb. 18. Spoonbill fledgelings at Tern Keys were observed, on Feb. 24, to have left the nest and are able to fly.

Protection:

| Boat Patrol Mileage: | Vehicle Patrol Mileage: |
|---|---|
| 350 | 400 |

One boat rescue was made on Feb. 13, a disabled boat was found at the park boundary on Buttonwood Sd., and taken to Key Largo. On 2/6, a trip was made to Flamingo, to pick up the 16' Lone Star boat with 40 H.P. outboard and trailer for temporary use while the Osceola is at Flamingo.
Two, 6M.P.H. speed limitation, signs were placed on Rocky creek, a narrow heavily used connection between Long Sound & Fla. Bay. Commercial Ops. permits continued to be issued During Feb. Public relations contacts continued as a high rate as boat patrol mileage was somewhat low due to the windy weather and limitations of the Lone Star boat.

Fire Protection:
All fire extinguishers in the Key Largo Area were inspected and found to be in good working order.

Maintenance: Two speed limit signs were prepared and placed on Rocky Creek. The field at Key Largo was mowed, by the contractor, on Feb.23 and the lawn at the station was mowed by the Sub-district Ranger. Four days were spent cleaning the bottom and interior of the Lone Star boat and equipping it for use as a patrol boat. One day was spent with Roger Pfeifer, on trash clean u

Concessioners: at Nest key and removal of an abandoned skiff from the beach.

Complaints:

Safety & Health:

Resource Planning
Cooperation with Other Federal, State or Local Agencies

Assistance was given the U.S. Coast Guard on search for two seperate lost boats and one missing military plane. Personal contacts were made with the staff of the State Salt water conservation agency, State park, Monroe co. sherriff, and Natl. Audubon Society.

Public Affairs

General Publicity:

Public Relations: Sub-district ranger called upon businesses along US highway 1, distributing park folders and information. Attended the opening of the Islamorada Nature trail, sponsored by the Islamorada chamber of commerce and the Izaak Walton League and made contacts with members of the press and conservationist groupes at this function.

Signed: Don H Coulbourn



ENP-P119/60 (Revised Dec 62)

EVERGLADES NATIONAL PARK
P. O. BOX 275
HOMESTEAD, FLORIDA

MONTHLY PUBLIC USE REPORT, MANGROVE DISTRICT — February, 1965

| | Boats | People | CURRENT MONTH | CALENDAR YEAR TO DATE |
|---|---|---|---|---|
| 1. TOTAL VISITS (entry by boat) | | | | |
| a. Florida Bay, non-commercial | 1265 | 4427 | | |
| b. Florida Bay, commercial fishermen | 210 | 315 | | |
| c. Cape Sable, non-commercial | | | | |
| d. Cape Sable, commercial fishermen | | | | |
| e. Flamingo, slip rentals | | | | |
| f. Estimated uncounted boats (1/3 of a & c) | | | | |
| Total | 1475 | 4742 | | |
| 2. OVERNIGHT VISITS | | | | |
| a. Accommodations, concessioner | | | | |
| b. Accommodations, private inholdings | | | | |
| c. Designated campsites, tents, Flamingo Campground | | | | |
| d. Designated campsites, trailers, Flamingo Campground | | | | |
| e. Undesignated campsites, tent, (campground overflow) | | | | |
| f. Undesignated campsites, trailer, (campground overflow) | | | | |
| g. Other overnight | | | | |
| Aboard private boats, Cape Sable | | | | |
| Aboard private boats, Florida Bay | | 270 | | |
| Primitive sites reached by boat, Cape Sable | | | | |
| Primitive sites reached by boat, Fla. Bay | | 35 | | |
| Commercial fishermen, Cape Sable | | | | |
| Commercial fishermen, Florida Bay | | 105 | | |
| Rental houseboats, Flamingo | | | | |
| Total | 1475 | 5152 | | |
| 3. TOTAL VISITOR DAYS (add lines 1 and 2) | | | | |

MONTH

4. SPECIAL USE DATA
   a.
   b. Persons, entering by boat from Keys and West Coast
   c. Boats, entering from Keys and West Coast
   d.
   e.
   f. Persons in vehicles actuating traffic counter at Buttonwood Creek

5. MULTIPLIERS
   a. Private autos X 3.5 b. Private boats X 3.5 c. Commercial boats X 1.5

6. REMARKS
   a. Commercial fishermen are included in lines 1, 2g, 4b, and 4c.

7. OTHER SPECIAL BOAT USE (visitors)
   a. Flamingo rental skiffs
   b. Flamingo sightseeing tours
   c. Flamingo ramp boats
   d. Flamingo charter boats

TOTAL BOATING USE - - VISITOR DAYS (lines 1a - 1f, 2g, 7a - 7d)

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27

5010-107

UNITED STATES GOVERNMENT

# *Memorandum*

(2) Chief Supt
Return to District

: ~~District Ranger~~, Mangrove ~~District~~

DATE: February 18, 1965

M : FCA Roger Pfeifer

File

Apparently, Roger's time was put to very good use & easily verifies need for at least this add'l. "body" @ Flamingo.

ECT: Summary of activities

This report is a summary of my activities over the last 18 days:

I. Fire Prevention

The Mangrove District Fire Control Plan has been completed, assembled, and submitted to the Chief Ranger's Office with two copies submitted to Southeast Region.

Other activities included routine maintenance of fire tools and equipment; and visual inspections of NPS and Everglades Park Co. fire equipment and hazards.

II. Boat Activities

Five boat trips were made, 4 of which were boat rescues and one that concerned the enforcement of an infraction reported by the Ranger-Pilot.

III. Law Enforcement

Assistance was given on two enforcement cases. Twelve written and fifteen verbal warnings were issued.

IV. Accidents - First Aid

One accident was investigated at Paurotis Pond. Four individuals were cared for and/or treated in first aid.

Breakdown of hours worked is attached.

Roger L. Pfeifer

Roger L. Pfeifer

Roger L. Pfeifer - breakdown of hours worked

| | Hours |
|---|---|
| Accidents and emergencies | 9 |
| Campgrounds | 8 |
| Clerical duties | 10½ |
| Construction & maintenance | 6 |
| Informal public contacts | 7 |
| Law enforcement | 4 |
| Shop talk | 2 |
| Structural fire | 4½ |
| Technical details & special assignments | 8 C |
| Traffic management | 20½ |
| Travel, administrative | 2 |
| Leave | 32 L |

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27
5010-107

UNITED STATES GOVERNMENT

# Memorandum





: Superintendent

DATE: April 7, 1965

M : Chief Park Ranger

ECT: Monthly Narrative Report, March 1965, Division of Resource Management and Visitor Protection

## GENERAL

Weather Conditions: As the water table continued to drop, farming activities along the lower elevated sectionsof the east boundary and Hole-in-the-Donut increased. Farmers are receiving high returns from such crops as cucumbers, pole beans, squash and [illegible]

*Total rain fall for the month was 1.02" as compared to 0.05 for March 1964. Heaviest rain fall occurred on March 4 when 0.59" was recorded at the Royal Palm station. The 10-year average rain fall for March is 2.33". The Taylor Slough reading for March 31, 1965 was 2.35' as compared to 1.60' for March 31, 1964. The reading showed 3.42' for the end of February 1964. The weather continued its warming trend with no precipitation.

The following is a weather summary for the Park:

| Station | Max Temp | Mean Max | Min Temp | Mean Min | Rainfall |
|---|---|---|---|---|---|
| Royal Palm | 90° | 82.4° | 40° | 60.3° | 1.02" |
| Tamiami | 93° | 84.4° | 46° | 61.1° | 1.33" |
| Flamingo | 84° | 79.1° | 48° | 65.7° | 0.63" |
| Key Largo | 86° | 79.2° | 52° | 67.7° | 1.06" |
| Everglades | 87° | 80.7° | 45° | 62.4° | 0.67" |

Increase or Decrease in travel: For the third consecutive month, visitation records of Everglades National Park were broken. During March, a total of 134,015 persons entered the Park, thus continuing an upward trend started during the first of this year's visitor season. Visitation for March was 31% greater than that last year and 25% above that recorded in the first three months of 1964.

Camping, too, has continued the upward trend with a total of 7,745 persons or 19% more people using facilities than in March 1964. Camper use for the first three months of 1965 showed a 25% increase over a like period last year. This is in the face of an early March influx of mosquitos at the Flamingo campground which drove many campers from the area. However, this infestation did not affect the Long Pine Key campground and actually increased its use by campers.

List of Visitors attached.

Special Activities: The preparation of water survival holes ('gator holes) was started during the month. With the aid of demolition experts from Homestead Air Force Base, Rangers collected spots where, with a minimum of effort, survival holes could be maintained. For the most part these were old 'gator holes that had been filled with debris. Explosives were placed in these locations and muck and silt deposits removed. Excellent success was noted in most cases and it is planned that this project be continued as time permits.

Park Rangers prepared a picture display that was placed on exhibit at the 5-Day South Dade County Fair.

The same exhibit used at the South Dade County Fair was also used in conjunction with a screen slide projector at the 6th Annual Camping Clinic sponsored by DAde County Parks and held at Owaissa Bauer Park. Girls from the Ranger Aid Scout Troop supervised by Mrs. Ray O'Dell handled this exhibit in an excellent manner.

The Singer Co., doing work for the Air Force on infra-red photography, completed the second phase of their work and left the Park area on March 22.

The Department of Agriculture Wild Cotton Eradication project was in full swing by the end of March. The number of men stationed at the Flamingo camp was doubled. The crews were operating in most of the Keys and lower mainland areas of Florida Bay. This project will continue through April.

Miscellaneous: The Chief Ranger and Assistant Chief Ranger attended a meeting of the Dade County Fire Chiefs Association ~~held at Flamingo~~. Representatives from most county departments, as well as those from other State and Federal agencies interested in fire control were present. The meeting was held at the Homestead Fire Department on March 27.

## Administration

Personnel: Fire Control Aid Leray H. Dillon entered on duty on March 7 and after a short indoctrination period in the Royal Palm Sub-district was placed on duty in the Tamiami Sub-district.

Fire Control Aid Thomas Talarek entered on duty March 15 and has been assigned to the Royal Palm sub-district.

Fire Control Aid Roger Ronek returned to duty after 3 weeks' sick leave. He was reassigned from the Tamiami Sub-district to the Royal Palm Sub-district.

District Ranger James R. Whitehouse, Jr., accepted promotion and transfer to the Job Corps where he became Deputy Director at the camp located at Cherokee in the Great Smoky Mountains National Park.

## Conservation, Interpretation and Use

Interpretive Services: Park Ranger-conducted boat-a-cades continued during March. Some increased interest in this activity was noted in the Mangrove District.

Research and Observation: The first swallow tailed kite of the season was seen by Park Ranger Don Castleberry on March 10., in locations over the hammock on Park Service property at Key Largo.

Checks of sports fishing catches by Park Rangers indicated that trout and redfish are being taken in good numbers and size throughout the Florida Bay area.

Many off-shore commercial pompano fishermen are changing to hook and line commercial trout fishing as the summer season begins. Park Rangers are contacting these men, inspecting their boats and issuing commercial operation permits to them. Crawfish season closed March 30. This has been a rather poor season for commercial craw fishermen, particularly those operating adjacent to Park waters. Craw fishing for commercial purposes is illegal within the Park.

Protection: Two law enforcement cases were heard in the U. S. District Court during March. One was of long duration.

Back in January 1963, Rangers Carlson and Hackenbracht arrested two men who were stopnetting for fish along the Gulf Coast of the Park. Defendants refused trial in the U.S. Commission er's court and requested their case be heard in U.S. District Court. Their attorney questioned the jurisdiction of the Park Service in this area. This question was settled by Federal Judge Choate last month and their case came to trial in March. The men were charged with the State regulation of stopnetting and a Federal regulation for possession of firearms. The judge found the two defendants guilty of possession of firearms and placed them on probation for 18 months with the provision that they report to their probation officer monthly, however, the men were acquitted on the stopnetting charge due to the court's interpretation of the Fbrida Statute on which they were being tried.

Second case involved a man accused of killing a deer in the Park. The incident occurred in December 1964. It is interesting because the only evidence the Service had was furnished by a witness employed by a local contractor working at the Missile Base in the Hole-in-the-Donut. Before the case actually came to trial the defendant changed his plea. The case was heard before Judge Choate. the judge fined the defendant $200.00.

Four cases for minor violations ranging from speeding to possession of firearms were heard before the U. S. Commissioner. All defendants were found guilty as charged.

Park Rangers rendered first aid in eight cases during the month - most serious being that of a man suffering from a stroke while visiting the concession motel. In this case, an ambulance was summoned from Homestead and the man taken to the hospital.

An attempted suicide and shooting and aggravated assault case occurred in the Hole-in-the-Donut during March. Park Rangers assisted the Sheriff's office in the investigation in one case and in the second case apprehending the defendant.

Park Rangers participated in two boat rescues during the month. Both were minor in nature and no injuries or undue discomforts suffered by those involved.

Park Rangers and Fire Control Aids constructed a wall 300 feet long at the Shark Valley Lookout. This wall was placed along the canal near the parking area where alligators and Park visitors came eye to eye with each other. To date this seems to be very satisfactory - the alligators and the visitors are staying on their respective sides.

One Ranger was sent to DeSoto National Monument to assist Monumentpersonnel in handling crowds during the DeSoto Landing celebration.

Park aircraft was used by range patrols, fire patrol and a research activity.

During the month, eagle census and the great white heron census for the Park area were completed. In order to get a good aerial count of these two birds, flights must be made as near as possible on consecutive days so that a minimum of lap counting is done.

Patrol mileage for the Park was as follows:

| | |
|---|---|
| Motor vehicle | 16,359 |
| Boat | 2,240 |
| Airboat | 30 |
| Glades buggy | 70 |
| Aircraft | 8,500 |
| Total | 27,199 |

Forest Fire Protection: As is usual this time of the year, fire danger is on the increase. Rainfall has been light, mostly concentrated during the first 4 days of the month. Since that time little or no precipitation has been recorded at any of the Park stations. Pine lands are extremely dry and the higher rocky glades in critical condition. The only area where fire danger has not reached the critical point is the middle of the Shark Slough where soil moisture conditions are still fair. However, the water table continues to drop, this area too will reach critical stage within two or three weeks.

Dade County and the Florida Forest Service are discussing the possibility of bringing the county under protection by the Forest Service. At the present time, the Florida Forest Service maintains one fire tower located at Naranja. However, no other protection is given. If this agreement is reached and Dade County furnishes some funds, the Forest Service will construct two additional fire towers in South Dade County - one located near the junction of Tamiami Trail and State Highway 27; the other southeast of Florida City. They also plan to place two suppression crews, which will probably be located at the tower sites, in the county. If this comes to pass a Cooperative Agreement between the Florida Forest Service-Everglades National Park-Dade County and Everglades Fire Control District will be instigated and for the first time the Park will be given assistance in fighting fires in the protective zone adjacent to our boundaries. The final decision of whether Dade County will be included probably rests with the soon to be appointed County Manager for Dade.

Robert J. Branges

Attachment
List of Visitors

RDMAXWELL:gt

List of visitors (March 1965)

Mr. Thomas Finley, US Forest Service, Tallahassee, Fla.
Mr. Robert A. Harper, " " "
Mr. A. Nim, College Professor, Thailand, Bangkok
Mr. W. H. Harris, Hydrologist, Univ. Miami Marine Lab., Miami, Fla.
Mr. A Ydfalk, " " " " " "
Mr. Fred Baer, Richmond Regional Office, Va.
Mr. R. C. Hill, Dist. Forester, Fla. Forest Service, Tice, Fla.
Mr. C. F. Pierce, Recreation Forester, Fla. Forest Service, Tallahassee, Fla.
Mr. J. K. Wagar, Forest Recreation, Colorado State Univ, Colo.
Mr. C. T. Rubins, HRB Singer Co., Pa.
Mr. R. B. Haynes " " " "
Mr. Sven Gillsater, Photographer, Stockholm, Sweden
Mr. Norman G. Levine, Photographer, Aetna Life, N. Y.
Dr. Ed Syell, Washington, D. C.
Mr. C. Wilson Brundy, Home Mission Board, Atlanta, Ga.
Mr. G. D. Bryant, Editor, Providence, R. I.
Mr. Allen E. Crowley, Dist. Supervisor, Fla. Park Service, Sarasota, Fla.
Mr. Thomas Savage, NPS, Gatlinburg, Tenn.
Mrs. Inelle Buchanan, Service Adviser, Southern Bell, Coral Gables, Fla.
Mr. F. D. Brahen, painter, Netherlands
Dr. John Keshishian, Washington, D.C.
Dr. Turner Reuter, " "
Dr. Ranson, Ornithologist, England
Mr & Mrs Sabine Robbins, News Editor, Nat. Geo. Society
Mr. John Hunter, Jr., Photographer affiliated with Outdoor Writers Assoc.ofAmer.
Mr & Mrs Robert Hall, Chief EODC
Mr Don Hutt, Supv. Arch. EODC
Mr Ken Goslin, Coordinating Arch. for Job Corps, Washington, D.C.
Mr. Tom Smith,ASST. Illus. Editor, Nat. Geo. Mag., Washington, D.C.
Mr. Frank M. Masland, Advisor to Sec. of Interior, Carlisle, Pa.
Mr. George Leisure, President, Nat. Park Association
Mr. Anthony W. Smith, Nat. Park Association
Mr. Howard Juergenson, State Dept guest, Munich, Ger.
Mr. Ted Smith, National Capital Parks
Mr. Nimmanahaemindo, Thailand, State Dept. guest
Otis Imboden, National Georgraphic photographer
Mr. Frank Borgman, Advisor to Sec. Interior
Dr. Curry Lindahl, visiting biologist from Sweden
Drs Farrell and Farrar - Vanderbilt University

OPTIONAL FORM NO. 10
5010-103

UNITED STATES GOVERNMENT

# *Memorandum*

TO : Chief Rangers Office

DATE: April 2, 1965

FROM : Acting District Ranger (Mangrove)

SUBJECT: District Monthly Report

Attached are the Sub. District Reports for Key Largo and Cape Sable.

Included are 2 pictures for your use, of U.S.G.S. work.

Robert E. Benton

Robert E. Benton
Actihg Mangrove District Ranger

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27
5010-107

UNITED STATES GOVERNMENT

# *Memorandum*

: Chief Rangers Office DATE: April2, 1965

M : Acting District Ranger (Mangrove)

ECT: Cape Sable Sub. District Monthly Report

## General

Weather Conditions: March continued the trend of a warm mild winter. Only .63" of rainfall was recorded during the month. The favorable weather contributed to a considerable increase in boating use in the Flamingo area. Statistics Weather are as follows:

| | Max. | Min. | M. Max. | M. Min. | Precipitation |
|---|---|---|---|---|---|
| Flamingo | 84 | 48 | 79.1 | 65.7 | .63" |

Increase or Decrease in Travel: Overall travel was increased 7.6% over last year to date, but campground use was down 2.8% from last year to date. The decrease in camping use was perhpas due to the unseasonal influx of mosquitoes during the middle part of the month.

Visitors:
3/2 Mr. Ted Smith Nat. Capt. Parks
3/2 Mr. Nimmanhaeminda St. Dept. Guest.
3/2 Mr. Harper U.S. Forest Service
3/2 Mr. Fendley U.S. Forest Service
3/4 Mr. Otis Imboden Nat. Geog. Soc.
3/6 Mr. Frank Masland Dept. of Int. Ad. Board Member
3/9 Mr. Ray Hill U.S. Forest Service
3/9 Mr. Cal Pierce U.S.Forest Service
3/9 Mr. Antony Smith Nat. Parks Assc.
3/9 Mr. Leshure Nat. Parks Assc.
3/13 Mr. Sabin Robbins Nat. Geog. Soc.
3/14 Dr. Kia Curry Lindahl Sweden
3/14 Mr. Bill Vroom Canada Nat. Parks
3/20 Dr. Harold Jurgensen State Dept. Guest
3/22 Dr. Harry Recher U. of Penn.
3/22 Mr. Sven Gillsater Sweden T.V. and Radio.

## Administration

Personnel: District Ranger J.R. Whitehouse received a promotion to GS 11 Job Corps at Great Smokey Mt. Nat. Park.

Safety and Health: Several First Aid cases were treated during the month. The most serious being a motel guest that suffered a stroke. An ambulance was dispatched from Homestead to take the stricken person to a hospital.

Cape Sable Sub. District Monthly Report:

## Conservation, Interpretation and Use

Interpretive Services: Boat A Cades were held on only 2 Saturdays this month. Sixteen boats with 60 people were guided into the backcountry.

Research and Observations: Various persons spent time in the Flamingo area on formal bird studies.

U.S.G.S. in area during the month, changing equipment to obtain more complete records of the water situation within the park. (See Photo Attachments.)

U.S. Forest Service in the area observing campground management in the Flamingo Campground.

## Protection

Four citations issued during the month. All defendants entered a plea of guilty with fines from $10.00 to $300.00

Charter Boat inspections continued during the month. All charter boats at Flamingo have now been inspected.

More than the usual number of drunken E.P.C. employees were encountered during the month. All were handled with a minimum amount of trouble and most were dismissed from E.P.C. employment.

Patrol Mileage: Vehicle 2805 miles Boat 970 miles

Maintenance: The cabin cruiser Arpieka was repaired following damage on the Lostmans Trip.

## Resource Planning

Cooperation Activities: Transportation for U.S.G.S. in installation of the guaging stations equipment, was provided at various times during the month.

Transportation provided for Dr. Kia Curry Lindahl on his Heron study.

Robert E. Benton

Robert E. Benton
Acting Mangrove District Ranger

cc:
District Files
2 Photographs sent to C.R.O. copy.

FMT-PLS/60

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 275
HOMESTEAD, FLORIDA

Date 3/30/65

Memorandum

To: District Park Ranger, Mangrove District

From: Supervisory Park Ranger (Park Ranger) Castleberry

Subject: Monthly Narrative Report for the Month of MARCH, 1965

General

Weather Conditions:

| Maximum Temp. | Minimum Temp. | Mean Max. | Mean Min. | Ppt. |
|---|---|---|---|---|
| 86 | 52 | 79.2 | 67.7 | 1.06 |

Comments: March was considerably warmer than Feb. Although there were many windy days, there were no small craft warnings displayed. Measurable rain fell on only 3 widely seperated days during the month.

Increase or Decrease in Travel: Total visitor days were about equal to the Feb. figure. Private use decreased slightly but this was offset by an increase in commercial use.

Campground use - Flamingo (trailers) _____
(tents) _____
Total Visitor Days _____

Camper Use - Lostman's River
Total Visitor Days _____

Camper Use - Florida Bay
Total Visitor Days 45

Boat Travel:

Rental Boats (Flamingo) _____ Visitor Days _____
Sightseeing Boats (Flamingo) _____ Visitor Days _____
Ramp Boats (Flamingo) _____ Visitor Days _____
*Slip Rentals, live (Flamingo) _____ Visitor Days _____
Charter Boats (Flamingo) _____ Visitor Days _____
*Boats observed (estimated - Lostman's River _____
Visitor Days _____
*Boats observed (estimated) - Florida Bay 1465
Visitor Days 5140

*Boats entering from outside

**Visitors:** 3/1, "Sandy" Sprunt, National Audubon Society.
3/21, George Avery, Local Botonist
3/23 Dr. Kai Curry-Lindahl, Swedish Ornithologist
3/27 Otis Imboden, National Geographic Society

**Special Activities:** Many offshore Pompano fishermen are changing to hook & line commercial trout fishing in the park as the summer trout season begins. These men are contacted, their boats inspected and commercial operations permits issued.
Crawfish season closed March 31, since very few crawfish are taken from park waters, by the legal methods(Bully nets & diving), this closed season requires little extra activity on the part of the sub-district Ranger.

**Miscellaneous:**
Attempts to capture crocodiles, in the Keys, for removal to the Park, have continued without success.Several crocodiles have been sightednear lake Suprise.

## Administration

**Personnel:** On 3/25/65 , the sub-district Ranger completed forms 10-180 & 181 for the new Servicewide Career Development & placement plan.

## Conservation, Interpretation and Use

**Interpretive Services:**

**Research & Observations:** The first swallow tailed kite of the season was observed on March 10, over the hammock at the Key Largo Ranger Station.

Checks of sports fish catches indicate that Trout and Redfish are being taken in good numbers & size throughout Florida bay.

**Protection:**

**Boat Patrol Mileage:** 615 **Vehicle Patrol Mileage:** 401

On 3/22, the 16' Lone Star boat was returned to Flamingo and replaced by the inboard "Osceola" for use as the Fla. Bay patrol boat. On 3/27, Dr. Kai Curry-Lindahl accompanied Ranger on all day boat patrol covering most of the sub-district & studied the heron populations. On 3/29, with Asst. Chief Naturalist Haugen, a patrol was made through Taylor River and Seven Palms Lake. 4 seperate parties were stopped from water skiing at nest key & were given verbal warnings, during the month.

Fire Protection: All fire extinguishers at the Key Largo Ranger Station were checked, during March, and found to be in good order.

Maintenance: The portable motorola radio, assigned to Key Largo, was repaired and returned to the station on 3/11/65. Oil supplies for the outboards and the rotary mower, were replenished from Pine Island on March 16. The Lawn at the Ranger Station was mowed on 3/24.

Concessioners:

Complaints:

Safety & Health: The resuscitator at Key Largo was checked out on 3/10, and a practice session held.

## Resource Planning

### Cooperation with Other Federal, State or Local Agencies

Assisted State Conservation agent, Videl, on a boat search & rescue in Buttonwood Sound. U.S. Dept. of Agriculture had Wild Cotton eradication crews in area of NE Fla. Bay.

## Public Affairs

General Publicity:

Public Relations: Public relations contacts continued to be made along the keys, calling upon bait houses, Marinas, etc. Park folders are distributed and questions an wered about Everglades National Park, it's boundaries and regulations etc.

Signed: Jon H Cauthen



ENP-P119/60 (Revised Dec 62)

E 3-P125/60

EVERGLADES NATIONAL PARK
P. O. BOX 275
HOMESTEAD, FLORIDA

MONTHLY PUBLIC USE REPORT, MANGROVE DISTRICT — March, 1965

| | Boats | People | CURRENT MONTH | CALENDAR YEAR TO DATE |
|---|---|---|---|---|
| 1. TOTAL VISITS (entry by boat) | | | | |
| a. Florida Bay, non-commercial | 1250 | 4375 | | |
| b. Florida Bay, commercial fishermen | 215 | 323 | | |
| c. Cape Sable, non-commercial | | | | |
| d. Cape Sable, commercial fishermen | | | | |
| e. Flamingo, slip rentals | | | | |
| f. Estimated uncounted boats (1/3 of a & c) | | | | |
| | 1465 | 4698 | | |
| 2. OVERNIGHT VISITS | | | | |
| a. Accommodations, concessioner | | | | |
| b. Accommodations, private inholdings | | | | |
| c. Designated campsites, tents, Flamingo Campground | | | | |
| d. Designated campsites, trailers, Flamingo Campground | | | | |
| e. Undesignated campsites, tent, (campground overflow) | | | | |
| f. Undesignated campsites, trailer, (campground overflow) | | | | |
| g. Other overnight | | | | |
| Aboard private boats, Cape Sable | | | | |
| Aboard private boats, Florida Bay | | 290 | | |
| Primitive sites reached by boat, Cape Sable | | | | |
| Primitive sites reached by boat, Fla. Bay | | 45 | | |
| Commercial fishermen, Cape Sable | | | | |
| Commercial fishermen, Florida Bay | | 108 | | |
| Rental houseboats, Flamingo | | | | |
| | 1465 | 5140 | | |
| 3. TOTAL VISITOR DAYS (add lines 1 and 2) | | | | |

| | MONTH |
|---|---|
| 4. SPECIAL USE DATA | |
| a. | |
| b. Persons, entering by boat from Keys and West Coast | |
| c. Boats, entering from Keys and West Coast | |
| d. | |
| e. | |
| f. Persons in vehicles actuating traffic counter at Buttonwood Creek | |

5. MULTIPLIERS
a. Private autos X 3.5 b. Private boats X 3.5 c. Commercial boats X 1.5

6. REMARKS
a. Commercial fishermen are included in lines 1, 2g, 4b, and 4c.

7. OTHER SPECIAL BOAT USE (visitors)
a. Flamingo rental skiffs
b. Flamingo sightseeing tours
c. Flamingo ramp boats
d. Flamingo charter boats

TOTAL BOATING USE - - VISITOR DAYS (lines 1a - 1f, 2g, 7a - 7d)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK

N REPLY REFER TO:

March 31, 1965





# MONTHLY NARRATIVE AND PUBLIC USE REPORT

## GULF COAST DISTRICT

## MARCH 1965

District Ranger Richard A. Stokes

Supv. Park Ranger Edward R. Carlson

Park Ranger Kenneth O. Morgan, Jr.

Memorandum:

To: Chief Ranger

From: District Ranger

Subject: Monthly Narrative Report, March 1965
Gulf Coast District

## General

### Weather

The weather for the month of March was generally fair with some minor showers. It rained a total of 4 days with a total rainfall of 0.67 inches of which 0.62 inches fell on the 4th.

The minimum temperature for the month was 45° and the mean min. temperature was 62.4°. The maximum temperature was 87° with a mean maximum of 80.7°.

### Travel

Travel was up slightly for the month . Total visitors for the month were 11,588 as compared to 11,321 for March 1964. This is an increase of 2%.

### Visitors

Dr. John M. Keshishian, M.D. Washington, D.C.
Dr. Anthony Reuter, M.D. Washington, D.C.
Mr. Fred Truslow Photographer, National Geographic Society, Homestead, Florida
Mr. Otis Imboden Photographer, National Geographic Society, Washington, D.C.
Mr. George F. Liesure Member of National Parks Association Special Committee, N.Y., N.Y.
Mr. Anthony Wayne Smith President of the National Parks Association, Washington, D.C.
MR. and Mrs. Sabin Robbins News Letter Editor for the National Geographic Society, Washington, D.C.
Mr. Tom Smith Picture Editor for the National Geographic Society, Washington, D.C.
Mr. And Mrs. John Durant Travel writer for the New York Times, Islamorada, Florida

## Administration

### Personnel

Richard Stokes 1 day annual leave
Edward Carlson 3 days sick leave, 1½ days annual leave

## Cooperative Activities

### Cooperation With Non-Governmental Agencies

The University of Miami Marine Laboratory crew utilized the Lostmans River Ranger Station for three days during the month.

## Interpretive Activities

### Interpretive Services

Ranger Morgan has been working with the local 4H Club at the Everglades School. This month a program was conducted in estimating animal populations.

### General Publicity

Mssrs. Otis Imboden and Tom Smith were in the area doing research for the National Geographic Society on a proposed article.

## Operations

### Protection and Ranger Services

Boat Patrol 660 miles Auto patrol 253 miles

| | # | Boats | People |
|---|---|---|---|
| Boat-A-Cades | 3 | 5 | 28 |

Four days were spent in Miami by Rangers Carlson and Stokes for a federal court trial on the Brown-Robinson Stop-netting case. The two defendants were found guilty of possessing firearms and aquitted of the stop-netting charge due to the courts interpretation of the Florida Statute on Stop-netting.

The Johnsen skiff was put out of commission due to an accident which badly disabled the boat. The Mikonopi (inboard-outboard vessel) was taken to Sarasota for expert repairs. All outboard motors are back in service.

A special trip was made to Lostmans River Ranger Station for the Superintendant and his party which consisted of Mssrs. Fred Truslow, Otis Imboden, Dr John Keshishian, and Dr. Anthony Reuter (see visitors).

One boat rescue was sucessfully completed.

District Ranger Stokes went to Desoto Landing National Memorial to assist the Landing personnel during the Desoto Landing Reenactment.

Four oral warnings were given during the month concerning compliance with the NPS boating regulations. One oral warning given for carrying plants through the Park area (see special incident report Form 10-175 dated 3/16/65)

Commercial boats contacted 26
Non-commercial boats contacted 19

Weekend camping on the outer keys and inland campsites has been rather heavy this month. Rabbit Key has had as many as three separate camping groups on it at one time. Other areas getting heavy usage are Jenkins Camp, Onion Key and Comer Key.

Maintenance

Two days were spent in Everglades by maintenance crews from headquarters. One day was spent in an attempt to put the Mikonopi back in operation. This didn't help and the boat has been taken to Sarasota for a factory reconditioning. The second day was devoted to wiring an air compressor and patching the roofs of the living quarters.

District personnel have put in many hours repairing outboard motors and on boat maintenance. We now have two outboard motors in good operating condition.

Concessioner

Concessioner travel was down 24% for the month. The concessioner carried 1438 people this month as compared to 2154 for March 1964.

The concessioner has started a Visitor Register and so far it has proven very successful.

Respectfully submitted

Richard A. Stokes
District Ranger

Prepared by Kenneth O. Morgan, Jr.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Everglades National Park

IN REPLY REFER TO:

April 1, 1965

Memorandum:

To: Chief Ranger

From: District Ranger Stokes

Subject: Monthly Travel Report, Gulf Coast District, March 1965

Total Visitors 11,588

1. Persons in office 72
2. Persons on boat tours 1438
3. Persons entering park by boat 9230

Line 4b special use data 7480 persons entering park by boat

Line 4c special use data 2437 boats entering park waters

Line 2g other overnight 890

Respectfully submitted
Richard A. Stokes
Richard A. Stokes

OPTIONAL FORM NO 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27
5010-107

MAXWELL

UNITED STATES GOVERNMENT

# Memorandum

~~A28827~~ A2615

: Royal Palm District Ranger

DATE: April 3, 1965

: Tamiami Subdistrict

CT: Monthly Narrative Report, March 1965

## GENERAL

ther Conditions; Rain occureed on 3 days this month. The greatest amount per hr. period was 0.86 inches on the 4th.

: water levels within the subdistrict are such that airboating is no longer po-ble , although limited trail use was possible early in the month.

Max. Temp. ---------- 93°

Min. Temp. ---------- 46°

Mean Max. ---------- 84.4°

Mean Min. ---------- 61.1°

Rainfalll ---------- 1.33 inches

vel: Travel for the month on the SVLR was 12,615 persons, 3599 cars and 0 busses.

itors: Mr. Harper & Mr. Finley , Fla. Forest Service

Dr. John Keshishian, Wash. D.C.

Dr. Turner Reuter , Wash. D.C.

Dr. Ranson, Ornithologists , England

Mr. & Mrs. Sabine Robbins, News Editor , Nat, Geo. Society

Mr. John Hunter Jr.,photographer affiliated with
Outdoor Writers Assoc. of Am.

Mr. & Mrs. Robert Hall , Chief EODC

Mr. Don Nutt, Supervising Arch. EODC

Mr. Ken Goslin, Cordinating Arch. for Job Corps, Wash. D.C.

Mr. Tom Smith, Asst. Illustration Editor Nat. Geo. Magazine
Wash. D.C.

Mr. Frank M. Masland, Advisor to Sec. of Interior

Mr. George Leisure , President Nat. Park Assoc.

Mr. Anthony Wayne Smith , Nat. Park Assoc.

Mr. Sven Gillsater , photographer , Stockholm , Sweden

pecial Activities: Ranger Winte ;

Accompanied the Ranger Pilot , Capt. Frongreta and Sgt. Bergman on 2 occassions r the blasting of wildlife survival holes in the subdistrict.

Accompanied the Park Engineer , Mr. Harper & Mr. Finley of the Fla. Forest rvice on a tour of the SVLR and its facilities.

Assisted in escorting & discussing wildlife and water related problems with Masland, George Leisure and Anthony Wayne Smith.

Assistance given to Mr. John Hunter Jr. in finalizing film for educational on the Tree Snails.

Escorted Mr. Robert Hall, Mr. Don Nutt and Mr. Ken Goslin in atour of the R.

Ranger Chamberlaine;

Gave airboat ride and interpretive talk of the Park ecology to Mr. & Mrs. line Robbins of the Nat. Geo. Society.

## ADMINISTRATION

rsonnel: Fire Control Aid Leray Dillion entred on duty 3/9/65 at Tamiami.

re Control Aids Ronek and Rogers recieved notice that they had passed the FSEE
y had taken last month.

ger Chamberlaine & his wife have just about finished painting the residence at
iami . The kitchen remains to be done

## CONSERVATION , INTERPRETATION & USE

erpretive Services: The stone wall at the parking area at the SVO was begun and
pleted by Ranger personnel. This project reduced an extremely hazardous situation
ch existed to park visitors.

Shark Valley Road breakup & deterioration has continued thru the month and a
cial report was transmitted to the CRO on this ,

ection: Patrol mileage as follows;

| | |
|---|---|
| Highway ---------- | 4857 |
| Trackmaster ---------- | 18 |
| Airboat---------- | 30 |
| Total | 4905 miles |

tection activities have suffered this month due to the amount of maintenance
uired by Tamiami personnel.

Wildlife & Fish Culture: The stocking of the barrow pits along the SVLR was begun this month as well as fertilization of the pits in conjunction with the above mentioned in order to produce a good supply of phytoplankton . Many fish of good size were observed in the pits upon releses of netted fry into the area.

Maintenance: In order to maintaine the Subdsitrict the following work requirements were preformed by Tamiami personnel;

Comfort station cleanup 7 days a week .

Trash removal along SVLR and comfort station once a week.

Placing pea rock on the following surfaces which public must walk on

1. Trail to comfort station
2. Tower parking lot
3. Folder and money box stations.

Comfort station overflow pipe required ditching and use of 6 " pipe to divert overflow into canal. A possible source of polution to wildlife.

Clearing of vegetation from spoil bank east of Ranger Winter's trailer for breezway purposes.

Construction of 365' of rock wall between parking area and canal at SVO.

Muck and pea rock hauled to SVO for landscaping purposes.

A hose drying rack was constructed on the Station radio tower and fills a long needed function , since none was available when old fire tower removed.

Safety & Health: The hepatitus scare at Tamiami was cleared up when it was found that FCA Ronek had gall stones. The resulting scare resulted in a clean

up of the Tamiami bunkhouse by FCA.

## RESOURCE PLANNING

Cooperation with Other Federal & State Organisations:

The USGS was taken to Cottonmouth Camp on two occasions for their water resource studies. This was their first trip in for a period longer than a day and involved instrumentation of the gator hole for the colletion of ecological data of the area.

Weather and water data collected and sent to 4 other government agencies.

Ranger Winte accompanied Fla. Game Comm. officers on a copetr flight along the W. Subdistrict boundary. Motor scooter tracks were noted within the Park leading to 3 gator holes in a slough area 1/8 to 1/4 mile inside the Park boundary.

Respectfully submitted,

Lee B. Chamberlaine

Lee B. Chamberlaine

Tamiami Subdistrict

OPTIONAL FORM NO 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27

5010-108

UNITED STATES GOVERNMENT

# Memorandum



A2615

Green

A2827

: Acting Superintendent

DATE: May 6, 1965

: Chief Park Ranger

ECT: Monthly Narrative Report, April 1965, Division of Resource Management and Visitor Protection

## GENERAL

Weather Conditions: April's temperatures were near perfect, ranging to the mid-80's during the day and cooling off to the mid-60's in the evening. Rainfall, however, left much to be desired. Precipitation was scattered and light over the Park, ranging from .09" at Royal Palm to 2.24" at Everglades. The last recorded substantial rain at Royal Palm Weather Station was on March 4. By the end of the month, severe drought was in progress. The Taylor Slough water gauge was below the land surface. This compares with 2.35' on March 31, 1965, and 3.77' on April 30, 1964.

One of the most successful farming eras in history has drawn to a close. Farmers along the East boundary and the hole-in-donut did exceedingly well, due to the dry weather. For the first time in the history of the Park, a successful farming operation was carried on south of the old Ingraham Highway. Approximately 20 acres of land just west of the old Jennings plantation was planted in squash and beans with farmers receiving excellent results.

The following is a weather summary for the Park.

| Station | Max Temp | Mean Max | Min Temp | Mean Min | Rainfall |
|---|---|---|---|---|---|
| Royal Palm | 95° | 87.0° | 49° | 61° | 0.09" |
| Tamiami | 94° | 88.7° | 54° | 61.2° | 1.98" |
| Flamingo | 90° | 83.9° | 53° | 65.7° | 1.99" |
| Everglades | 92° | 86.2° | 52° | 63.8° | 2.24" |
| Key Largo | 88° | 83.9° | 66° | 71.3° | 0.62" |

Increase or Decrease in travel: For the eighth consecutive month,visitation to Everglades National Park has increased;a total of 105,998 persons entered the Park representing a 40% increase over April 1964. Travel for the first four months of 1965 totaled 466,404, an increase of 103,494 people, or 28% over a like period in 1964.

Increased concession use followed the same general trend as Park visitation. April showed a 43% greater use than April 1964 in the first 4 months of the year showing 27% increase over a like period last year.

Camping, however, showed only a 1.5% over last year, but for the first 3 months equalled 9% more camper use.

Visitors from 48 of the 50 states signed in at the registration book at Royal Palm. Only Montana and Wyoming were missing. Persons from five Canadian provinces as well as the following foreign countries visited Everglades National Park during April: Germany, Austria, United Kingdom, The Netherlan ds, Sweden, Columbia, Belgium, Japan, Morocco, Poland, South Africa, Jamaica, France, Norway, Denmark, Cuba, Italy, Switzerland, Australia, Argentina, Israel, Nicaragua, Chile, Uruguay, Egypt, Lybia, Spain, Iceland, and Guatemala.

List of Visitors attached.

Special Activities: The Park Safety Committee met early in the month. Accidents involving visitors and Park employees were reviewed. Preparation of the new DI-134 form were again discussed, and instructions given on sections where supervisors seemed to be experiencing difficulty in preparation. The Committee then re-inspected the Shark Valley Loop Road and Observation Tower. A report covering the Committee's findings was prepared and submitted to the Superintendent.

Park Rangers, accompanied by demolition experts from Homestead Air Force Base again worked on blasting "survival holes" in the Tamiami Sub-district. Three more holes were prepared during the month.

## Conservation-Interpretation and Use

Interpretive Services: Ranger-led boat-a-cades continued during April, however, public interest seemed to be waning as it does every year at this time. It is anticipated that this service will be discontinued early in May.

Research and Observation: Rangers in the Gulf Coast District continued working on archeological base map for that area. Approximately 7 days' field work was devoted to locating and mapping of Indian sites. Several mounds had been located on the ground by Ranger personnel. One not previously known. Also, Johnson's mound on Lostmans River, which has not been visited for several years, was checked.

Ranger Winte, from personal observations, feels that the alligator population at the Tamiami Sub-district has suffered greatly this year. He estimates that the population in this area has decreased 18 to 20% over previous years. This decrease can be blamed directly on low water conditions and lack of food. Cannibalism, starvation, and disease are apparently taking their toll of alligator population.

Protection: Three cases were heard before the U. S. Commissioner during the month. Two of these were for disorderly conduct. The Commissioner found the defendants guilty and suspended entry and monetary fee but did ban the gentlemen from the Park for a period of one year. Both of these men are from Homestead.One a former Chief of Police, the other a construction worker in the area.

With increased pressure by alligator poachers, rangers continued their heavy night patrols, particularly in the Gulf Coast area. Gator hides have now reached a high of $6.50 per linear foot. On one night patrol, a gasoline cache consisting of one 16 gallon drum, two 6 gallon cans, 3 cane poles, were found hidden in the brush at Rogers River. A stake-out of this cache proved unsuccessful and the gasoline cans and poles were taken to the Gulf Coast Ranger station.

Rangers participated in 4 boat search and rescue operations. The Park plane was used to locate lost parties on two of these incidents.

The third case tried before the U. S. Commissioner was a fishing guide who was operating in the Park without a valid permit. Defendant pleaded guilty and the commissioner sentenced him to 90 days and a $400 fine, both of which were suspended from day to day and term to term of court.

Patrol mileage for the Park is as follows:

| | |
|---|---|
| Motor vehicle | 19,643 |
| Glades buggy | 145 |
| Boat | 1,778 |
| Airboat | 0 |
| Aircraft | 6,000 |
| TOTAL | 27,566 |

Forest Fire Protection: Park suppression crews worked on one small fire in the Protective Zone along the east boundary. Investigation to find persons responsible for this fire proved fruitless.

Insect and Tree Diseases: Final inspection of the US Department of Agriculture pink bolworm control project based at Flamingo was conducted on April 28. Those making the inspection included Assistant Chief Ranger Maxwell, Acting District

Ranger Benton, Hydraulic Engineer Nix, Assistant Chief Naturalist Haugen, Mr. J. R. Weaver, Project Director for USDA, Mr. Harold Faircloth, District Supervisor, and Mr. J. C. Hadley, Florida Supervisor for the USDA. Inspection party checked the Flamingo camp and looked over the records for the year. Mr. Weaver reported that there was a considerable increase of cotton found in the lower east coast of Florida. Cotton plants reached a low following Hurricane Donna and had been on the increase ever since. USDA is still working approximately 8,000 acres within the Park. Inspection team checked the areas both east and west of Flamingo. Several stops were made, one to watch a crew clearing an area. It was noted that the Supervisors have carefully instructed their men not to cut brush or trees unnecessarily. Acting District Ranger Benton stated that excellent cooperation existed between the USDA and the Park Service during this seasons' operations.

Wildlife and Fish Culture activities: Rangers Carlson and Morgan of the Gulf Coast District have reported a new commercial shark catching operation adjacent to their area. Sharks are being caught in deep water outside the Park. Fishermen are using long chains and ~~trout~~ Trot lines set overnight. The hides, fins, teeth and meat are all used. The hides are stripped and salted, the fins are dried and the meat sold as bait. The average value of a hide is about $15.00 and are used for making sharkskin shoes, etc. The fins are dried and sold to orientals for food and the meat is generally cut up and used as bait. This is the first time to rangers' knowledge that such an activity has been carried on in southern Florida waters. The only exception being several years ago when shark fishing was done commercially off the Dry Tortugas.

Safety and Health: Park rangers assisted the Florida Highway Patrol in investigating an accident which occurred in the hole-in-donut area. The vehicle carrying migratory workers overturned with three requiring hospitalization. A farm truck carrying produce from the hole-in-donut overturned at the Royal Palm junction. No personal injurieswere involved. The truck was carrying cucumbers which halted traffic for a short time while produce was being picked up.

An accident involving a motor bike occurred in the Long Pine Key Road. A student from NY rented a bike in Ft Lauderdale and was visiting the Park when he lost control of the vehicle. He was taken to the hospital by a local ambulance.

A small boat carrying 3 youths capsized six miles west of Flamingo. Three boys swam ashore and hiked back tothe Ranger Station. They were given assistance in retrieving their boat and gear. No personal injuries were involved.

## Resource Planning

Boundary adjustments: Park rangers have started posting the newly acquired Iori lands in the hole-in-donut area. Assistance from the Park engineer is required before further work can be accomplished on this project.

Cooperation with non-government agencies: Florida Power and Light Co. is continuing their installation of a power line across Taylor Slough and along the Long Pine Key road to the newly constructed missile site in the hole-in-donut. A survey for a spur line from the main Long Pine Key line to the campground has been completed and construction of this spur will start shortly.

The Singer Corp, conducting the infra-red study for the US Air Force has started Phase II of their operationin Palma Vista hammock near Royal Palm Visitor Center. It is expected that they will be in the area through May.

Homestead Air Force Base conducted an alert late in the month. Everglades National Park becomes involved as a base hospital is stored in service buildings at the Pine Island residential area and Park Headquatters and the Main Visitor Center will be an evacuation area. The Air Force Base has installed permanently a radio at Park Hq to be used in any emergency operations.

Transportation was furnished the USGS to visit all of their gauging stations located within the Park during April.

Public Affairs, Public Relations: Sub-district Ranger Castleberry attended a Lions Club meeting held in Islamorada on April 5. On that date the proposed road across Fla. Bay and the Park was discussed. On April 20, Ranger Castleberry attended a meeting in Marathon conducted by the Florida Keys Outdoor Recreation and Conservation Council. Desirability of obtaining Lignumvitae Key for Park purposes was discussed at this meeting.

R. D. Maxwell

R. D. Maxwell
Acting Chief Ranger

Attachment
List of visitors

List of Visitors - April 1965

1. Mr. Sven Gillsatter, Official photographer for the Swedish Broadcasting Co., Sweden

2. Mr. Otis Imboden, photographer for National Geographic Society, Washington, D.C.

3. Mr. Francis A. Kohout, geologist, USGS, Miami, Fla.

4. Mr. John E. Cotton, geologist, USGS, Boston, Mass.

5. Dr and Mrs Frank H. Roberts, retired scientist from the Smithsonian Institute, Washington, D.C.

6. Mr. Vince Antel, FBI agent in charge Miami Office, Miami, Fla.

7. Mr. Bill Garn, US Border Patrol, Homestead, Fla.

8. Mr. Arthur Wooster, BBC, London, England

9. Dr Ki Curry-Lindahl, scientist, Sweden

10. Dr and Mrs Melville B Grosvener, President and Editor of the Natural Geographic Society, ~~Miami, Fla.~~ WASHINGTON, D.C.

11. Dr. R. Chamberlaine, Mr. L. Beadle and Mr. Gibson Johnston, US Public Health Service, Atlanta, Ga.

12. Sir Harry Champion, Advisor to the U. N. on Forestry, London, England

13. Mr. John O'Reilly, writer for Sports Illustrated Magazine, New York, N. Y.

14. Mr Fred Truslow, photographer for National Geographic Society, Homestead, Fla.

15. Mr. Ray Munig, Florida Development Council, Tallahassee, Fla.

16. Dr. Richard D. Mudd, Sagamore, Mich. (grandson of Dr. Mudd who was imprisoned at Fort Jefferson).

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK

IN REPLY REFER TO:

3 May 65



Monthly Narrative and Public Use Report

Gulf Coast District

April 1965

District Ranger Richard A. Stokes
Supv. Park Ranger Edward r. Carlson
Park Ranger Kenneth O. Morgan, Jr.

MEMORANDUM:

To: Chief Ranger

From: District Ranger

Subject: Monthly Narrative Report, April 1965
Gulf Coast District

## GENERAL

### Weather

April proved to be a warm and pleasant month with a few days of much needed rain. It rained a total of 5 days for a total of 2.24 inches. The most rain was recorded on the 23rd with 1.12 inches. The back country of the district received quite a bit of rain but none was recorded.

| | | | |
|---|---|---|---|
| Minimum Temperature | 52° | Mean Min. Temp. | 63.8° |
| Maximum Temperature | 92° | Mean Max. Temp. | 86.2° |

### Travel

Travel was up by 19% for the month. This is an increase of 1488 over April 1964. The total visitation for the month was 9121. A good portion of this increase has been in the number of parties carried by the charter guides.

### Visitors

| | |
|---|---|
| Mr. Sven Gillsatter | Official photoghapher for the Swedish Broadcasting Company, Sweden |
| Mr. Otis Imboden | Photographer, National Geographic Society, Washington, D.C. |

## ADMINISTRATION

### Personnel

| | |
|---|---|
| Richard Stokes | 6 days annual leave |
| Edward Carlson | 3 days sick leave |

A daughter (Rebecca Alden) was born to the Richard Stokes's on April 6, she weighed 7lbs 12¼ oz.

Richard Stokes mother passed away on April 5th.

## COOPERATIVE ACTIVITIES

### Cooperation with other Federal ,State, or local agencies

The USCG used the NPS boat hoist and boat basin while doing work on the Cape Romano markers.

The state conservation agent in the area is utilizing the NPS boat basin and hoist.

Cooperation with Non-Governmental Agencies

The University of Miami Marine Lab personnel stayed in the Lostmans River Station for 3 days while working on the area project.

## INTERPRETATION AND DEVELOPMENT

Research and Developments (Archeology)

District Ranger Stokes has been working on an archeological base map of the area. During the month approximately 7 days have been devoted to working on the map and field research. Several mounds have been located on the ground by ranger personnel (ones not previously located) on on the upper Turner River and the Johnson mound near Lostmans River was re-discovered by Rangers Carlson and Morgan. This is the first time since the establishment of the district that district personnel have visited this mound. There was no evidence of recent visitation. Pictures were taken and will be sent in when developed.

General Publicity

The National Geographic Society Staff has been in the area gathering data for an article on alligators.

## OPERATIONS

Protection and Ranger Services

Boat Patrol 1515 miles Auto Patrol 236 miles

| | # | boats | people |
|---|---|---|---|
| Boat-A-Cade | 3 | 6 | 19 |

A total of 154 boats were contacted by district personnel. Of these 95 were non-commercial. Sixty of the 154 boats were checked for fish catches.

District personnel have put in many hours on boat patrol this month. One night patrol was undertaken, one boat was observed running without lights and possibly carrying a netin a closed area but low tides prevented apprehension.

Many trail markers have been removed from the waterwys. These have varied from simple rags tied in the trees to elaborately painted plastic jugs. Fourteen such jugs were removed from Lopez River to House Hammock Bay.

One gas cache was found in Rodgers River Bay. A 16 gallon drum, two 6 gallon gas tanks (allempty) and 3 cane poles were found hidden in the brush. The following pictures show haw well these items were concealed. This is a typical alligator hunter's method of storing gasoline for an extended trip.

SITE WHERE CACHE WAS FOUND

ACHE HIDDEN AMONG FERNS AND
MANGROVE ROOTS

RANGER CARLSON WITH TOTAL
CACHE

Two searches were conducted resulting in one rescue. The park plane xxxx assisted in this rescue, finding the missing persons and making a landing to make sure all were in safe condition. The other search was futile due to the fact that the party made it in under their own steam after the search had gotten underway.

Seven oral warnings were xxxxxx given, mostly on boat registrations and commercial permits.

Two xxxx written warnings were issued, the violation reports are attached to this report.

One guide was cited for guiding without a license or permit. Clarence M. Brown pleaded guilty to the charges and was sentenced to 90 days in jail and a $400 wasimposed. The sentence and fined was suspended day to day and term to term.

A theft of property from inheld land was investigated by district personnel. One of the fishing shacks on the Chatham River had been looted, taken were 5 new blankets, 2 mattresses, pots, pans, lumber and miscellaneous canned foods. The sheriffs department was informed of the theft. See memorandum dated 5/2/65 for more details.

The summer white ibis roost in Chokoloskee Bay has turned into a rookery with approximately 300 nests on it. The nesting birds are egrets, herons and pelicans. District personnel placed 3 "closed area" signs around the rookery.

Weekend camping has been going strong on all of the outer key campsites. One group of 18 boats spent the last weekend of the month in the South Lostmans area.

Rangers Carlson and Morgan contacted and observed a commercial shark catching operation. The sharks are caught in deep water outside the park waters and the skins prepared in the calmer park waters. The sharks are caught on long chain trot lines set out overnight. The hides, fins, teeth and meat(used for bait) are kept. The hides are fleshed and salted and the fins are dried(see pictures). When enough hides are accumulated they are shipped along with the dried fins and teeth to Newark, N.J. for processing. The hides have an average value of $15 and the dried fins $1.50/lb. When Carlson and Morgan contacted the owner of the operation,i.e., Mr. Burt Brown of Homestead, he had 18 hides and 7 large unskinned tiger sharks on board. The hides are used for making expensive shoes and the fins sold in various oriental colonies for food.

Maintenance

Bill Mills was in area for two days working on the Mikonopi boat.

Graham Liles and Earl Jackson spent a day in the area examing quarters # 17 to determine whether or not it needed painting.

MR. BROWN FLESHING DOWN SHARK HIDE

RANGER MORGAN MAKES INSPECTION OF "SHARK" BARGE

SHARK FINS DRYING ON RACK

TED SHARK HIDES ON RACK

## Concessioner

Concessioner travel was down 8% from April 1964. The total passengers carried this month were 843 compared to 909 for last year.

Visitors from 33 states, Washington, D.C. and 3 foreign countries signed the guest register. The foreign countries were Canada, Germany and India.

# DESIGN AND CONSTRUCTION

## Conferences and Meetings

Superintendant Joseph attended a city council meeting in Everglades to present the NPS standing on an access road into the airport going across Park property.

## Utilities

Ass't Superintendant Burroughs was in the area completing the final paper work for the water line to the NPS boat basin area. The laying of the water line began April 30th.

Kenneth O. Morgan, Jr.

Kenneth O. Morgan, Jr.
Park Ranger
Gulf Coast District

EVERGLADES NATIONAL PARK

MAY 3, 1965

Memorandum:

To: Chief Ranger

From: District Ranger

Subject: Monthly Travel Report
Gulf Coast District, April 1965

Total Visitors 9121

1. Persons in office 37

2. Persons on boat tour 843

3. Persons entering Park by boat 8278

Line 4b. Special use data 7846 persons entering park by boat

Line 4c. Special use data 2048 boats entering park waters

Line 2g. other overnight 432

Respectfully submitted,
Richard A. Stokes

OPTIONAL FORM NO. 10
5010-103

UNITED STATES GOVERNMENT

# *Memorandum*

TO : Chief Rangers Office DATE: May 2, 1965

FROM : Acting Mangrove District Ranger

SUBJECT: District Monthly Report

Attached are the Sub. District Reports for Key Largo and Cape Sable.

Included are 3 pictures for your use of Flamingo Activities.

Robert E. Berton
Robert E. Berton
Acting Mangrove District Ranger

Visitors:

| | | |
|---|---|---|
| 4/2 | Dr. and Mrs. Frank M.H. Roberts | Smithsonian Institute |
| 4/4 | Mr. Vince Antel | Miami F.B.I. |
| 4/8 | Mr. Bill Carn | U.S. Border Patrol |
| 4/11 | Mr. Arthur Wooster | B.B.C. (England) |
| 4/15 | Dr. Kia Curry Lindahl | Sweden |
| 4/17 | Dr. and Mrs. Grosvener | Nat. Geog. Soc. |
| 4/20 | Dr. Chamberlaine | Public Health Service |
| 4/20 | Mr. Beadle | Public Health Service |
| 4/28 | Mr. Gibson Johnston | Public Health Serivce |
| 4/28 | Sir Harry Champion | U.N. Forestry Advisor |

## Administration

Safety and Health: A rash of minor first aid cases were treated during the month. One visitor was transported to James Archer Smith Hospital for the removal of a fish hook from his right eye.

## Conservation, Interpretation and Use

Interpretive Services: A total of 3 boat cruises were held during the month, with 14 boats and 46 people making the trip.

Interpretive Services Cont: Everglades Park Co. began its summer cut down on sight seeing boat trips near the months end. (See attached photo # 2.)

Research and Observations: Plans were started for the continuing of the turtle research project.

Fishing in the Flamingo area improved greatly during the month (See attached photo # 3.)

Protection: The annual removal of park signs by vandals occurred during the easter holiday season.

Citations were issued to 2 men for disorderly conduct. Both men pled guilty and were barred from the park for 1 year.

Bill Carr U.S. Border Patrol continued his checks of E.P.C. employees.

Several warning were given for minor infractions of park rules, offenses ranged from speeding to reckless boat operation.

Rangers were involved in 2 boat rescues during the latter part of the month.

For the first time in 3 months good radio service was obtained on all radio locations at Flamingo (N.P.S. radio)

Rangers assisted in the locating of a lost child. The childs mother had to be treated for severe shock, following the finding of her son unharmed.

Patrol Mileage: Vehicle 2510 miles Boat 907 miles.

Sanitation: Complaints of visitors in the area tend to confirm that salt content of the drinking water at Flamingo is increasing.

Wildlife: A fairly valid sighting of a mature black bear was received.

## Resource Planning

Cooperation with other Government agencies: The final inspection of the wild cotton control project was made by District and Headquarters personnel, with the Dept. of Agr.

District Personnel assisted in locating areas for study of mosquitoe control by the public health service.

Cooperation with non Government agencies: The final services of the student minister program for this season were held on April 16 th.

Robert E. Benton

Robert E. Benton
Acting Mangrove District Ranger

cc:
District Files
3 Photographs sent with S.E.O. copy.

PHOTO ATTACHMENTS

Private boats loading and unloading from Government Boat Ramp Flamingo

Everglades Park Co. Sightseeing boat in Buttonwood Canal Flamingo

PHOTO ATTACHMENTS

Park Visitors cleaning fish at Everglades Park Co. cleaning tables

MPT-PLS/60

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 275
HOMESTEAD, FLORIDA

Date 4/29/65

Memorandum

To: District Park Ranger, Mangrove District

From: Supervisory Park Ranger (Park Ranger) Castleberry

Subject: Monthly Narrative Report for the Month of APRIL, 1965

## General

Weather Conditions: April was seasonably warm, and dry, with very little wind.

| Maximum Temp. | Minimum Temp. | Mean Max. | Mean Min. | Ppt. |
|---|---|---|---|---|
| 88 | 66 | 83.9 | 71.3 | .62 inches |

Comments: While only .62 in. of rain was recorded at the Tavernier station, thunderheads appeared daily, late in the month and heavy localized showers were observed scattered over eastern Florida bay.

Increase or Decrease in Travel: Total visitor days decreased, slightly less than 5% under March, but increased about the same amount over April 1964.

Campground use - Flamingo (trailers) _____
(tents) _____
Total Visitor Days _____

Camper Use - Lostman's River
Total Visitor Days _____

Camper Use - Florida Bay
Total Visitor Days 40

Boat Travel:

Rental Boats (Flamingo) _____ Visitor Days _____
Sightseeing Boats (Flamingo) _____ Visitor Days _____
Ramp Boats (Flamingo) _____ Visitor Days _____
*Slip Rentals, live (Flamingo) _____ Visitor Days _____
Charter Boats (Flamingo) _____ Visitor Days _____
*Boats observed (estimated - Lostman's River _____
Visitor Days _____
*Boats observed (estimated) - Florida Bay 1415
Visitor Days 4245

*Boats entering from outside

**Visitors:** 4/11, Charles Brookfield, Natl. Audubon Society.
4/15, John O'Reilly, Writer for Sports Illustrated Magazine
4/17, Chief Naturalist Christensen & party.
4/19, Dr. Kai Curry-Lindahl, Sweedish Scientist
4/25, George Stevenson, local naturalist & conservationist

**Special Activities:** April 24-25, the Homestead Power Squadron held a rendezvous at Nest Key beach. Approximately 12 boats and 45 people attended.

**Miscellaneous:**

## Administration

**Personnel:**

## Conservation, Interpretation and Use

**Interpretive Services:**

**Research & Observations:** On 4/19 a special boat trip was made with Dr. Curry-Lindahl, to study heron plumage and activities in preparation for a book he is writing. A special bird count was held on 4/25, as part of a Park wide survey., 43 species were observed and a report was made to Naturalist Cunningham. Numerous crocodile crawls at stillwright point, outside park boundary, indicate nesting activities may be beginning.

**Protection:**

Boat Patrol Mileage: 635 Vehicle Patrol Mileage: 631

Boat patrol mileages were up sharply with the return of the Osceola boat to Key Largo. Intensive checks were made of sports & commercial fish catches and questionaires submitted to the CRO. No serious violations. Six seperate groups of water skiiers were given verbal warnings at Nest keys and Blackwater sound. One night boat search was conducted to Tern and Deer keys, with cooperation of the Coast Guard, the missing boat was finally located, outside the park,and returned to port. 3 Commercial operations permits were issued to parties who had been Po,pano fishing outside the park and who are now beginning trout fishing within the boundary.

Fire Protection: All fire extinguishers in the Key Largo Area were checked and found to be OK.

Maintenance: The service Pick-up was serviced, tires rotated and front end alligned on 4/5. 830 Gal. of regular "Gulf" gasoline were delivered to Key Largo on 4/8. New window storm shutters were installed on the Residence on 4/21. Radio Maintenance remounted the antenna on the Osceola boat, on 4/23/65.

Concessioners:

Complaints:

Safety & Health:

## Resource Planning

### Cooperation with Other Federal, State or Local Agencies

Several personal contacts were made with staff members of the Monroe Co. sherriff's office, Pennekamp State Park, The U.S. Coast Guard and The State salt water conservation agency.

## Public Affairs

General Publicity: A discussion was held on 4/15 with Mr. John O'Reilly to provide background for a story that he is planning about the park, for Sports Illustrated Magazine.

Public Relations: Delivered copies of Tabb's report, to 3 members of interested organizations in Keys, at Suprentendent's request. On April 15, attended Lion's club meeting at Islamorada with Supt. Joseph. Discussed proposed road across Florida Bay and Park's role in the community. April 20, attended meeting, in Marathon, of the Fla. Keys Outdoor Recreation & Conservation Council. Desirability of obtaining Lignumvitae Key, for Park was discussed and a memo was sent to HQ. Supplies of park folders were given to the Islamorada and Upper Keys Chambers of Commerce information booths, for distribution to interested visitors.

Signed: _____

3 P125/60

EVERGLADES NATIONAL PARK
P. O. BOX 275
HOMESTEAD, FLORIDA

MONTHLY PUBLIC USE REPORT, MANGROVE DISTRICT APRIL ,1965

| | Boats-People | CURRENT MONTH | CALENDAR YEAR TO DATE |
|---|---|---|---|
| 1. TOTAL VISITS (entry by boat) | | | |
| a. Florida Bay, non-commercial | 1200 4200 | | |
| b. Florida Bay, commercial fishermen | 215 322 | | |
| c. Cape Sable, non-commercial | ---------- | | |
| d. Cape Sable, commercial fishermen | ---------- | | |
| e. Flamingo, slip rentals | ---------- | | |
| f. Estimated uncounted boats (1/3 of a & c) | ---------- | | |
| | 1415 4522 | | |
| 2. OVERNIGHT VISITS | | | |
| a. Accommodations, concessioner | | | |
| b. Accommodations, private inholdings | | | |
| c. Designated campsites, tents, Flamingo Campground | | | |
| d. Designated campsites, trailers, Flamingo Campground | | | |
| e. Undesignated campsites, tent, (campground overflow) | | | |
| f. Undesignated campsites, trailer, (campground overflow) | | | |
| g. Other overnight | | | |
| Aboard private boats, Cape Sable | ---------- | | |
| Aboard private boats, Florida Bay | 275 | | |
| Primitive sites reached by boat, Cape Sable | ---------- | | |
| Primitive sites reached by boat, Fla. Bay | 40 | | |
| Commercial fishermen, Cape Sable | ---------- | | |
| Commercial fishermen, Florida Bay | 108 | | |
| Rental houseboats, Flamingo | ---------- | | |
| | 1415 4945 | | |
| 3. TOTAL VISITOR DAYS (add lines 1 and 2) | | | |

MONTH

4. SPECIAL USE DATA
   a.
   b. Persons, entering by boat from Keys and West Coast
   c. Boats, entering from Keys and West Coast
   d.
   e.
   f. Persons in vehicles actuating traffic counter at Buttonwood Creek

5. MULTIPLIERS
   a. Private autos X 3.5 b. Private boats X 3.5 c. Commercial boats X 1.5

6. REMARKS
   a. Commercial fishermen are included in lines 1, 2g, 4b, and 4c

7. OTHER SPECIAL BOAT USE (visitors)
   a. Flamingo rental skiffs
   b. Flamingo sightseeing tours
   c. Flamingo ramp boats
   d. Flamingo charter boats

TOTAL BOATING USE - - VISITOR DAYS (lines 1a - 1f, 2g, 7a - 7d)

Park files

A2615

Acting Superintendent

June 7, 1965

Acting Chief Ranger

Monthly Narrative Report, May 1965, Division of Resource Management and Visitor Protection

## GENERAL

Weather Conditions: Severe drought conditions prevailed over South Florida and Everglades National Park. The Miami Weather Bureau reported a total of .44" for the month while the average is 6.44". This is the lowest rainfall in history for the month of May in the Miami area. Precipitation throughout the Park was light and scattered and most falling on the last day of the month. Royal Palm, for example, had a total of 3.04" with 2.72" falling on the 31st. Tamiami's total was 2.36" for the month with 2.05" recorded on the 31st. The Taylor Slough water gauge again this month was below ground level. This compares with May 31, 1964, of 4.00 ft. Many gator holes and heretofore thought permanent ponds have dried up. Taylor Slough, if it were not for a large 6" pump furnishing water from a well, would be almost completely dry. The moat at the Shark Valley Overlook Tower is narrow and extremely shallow. Alligators swimming on the surface stir up mud from the bottom. The 5-day weather forecast predicted little or no rain in the offing.

Temperatures for the month ranged nearly or slightly above normal with low 90's recorded at all stations except Flamingo. Humidity was quite low and most Park visitors considered this a very comfortable climate.

Following is a weather summary for the Park:

| Station | Max Temp | Mean Max | Min Temp | Mean Min | Rainfall |
|---|---|---|---|---|---|
| Royal Palm | 93° | 86.0° | 52° | 62.0° | 3.01" |
| Tamiami | 95° | 88.5° | 53° | 61.5° | 2.36" |
| Flamingo | 87° | 84.0° | 55° | 65.3° | 1.71" |
| Key Largo | 90° | 84.0° | 57° | 73.5° | 0.30" |
| Everglades | 93° | 87.4° | 55° | 64.0° | 1.44" |

Increase or Decrease in travel: Visitation to Everglades National Park continued its upward climb with a total of 72,096 persons entering the area, or an increase of 37% over May 1964. A total of 538,500 people have visited the area to date this year and is 30% over a like period in 1964. Use of concession facilities also showed a remarkable advance over last year. May showed a greater use (47%) in the first five months of the year, up 30% over a like period last year. Likewise, camping continued the increase with May's figures showinga 68% increase and the total for the year was up 10%.

The Shark Valley Loop Road, open on February 4, was closed on May 17 for repairs. Had this facility been open for the full month, visitation would have undoubtedly been greater.

Persons from 47 of the 50 states entered the Park with only Wyoming, South Dakota and Mississippi not represented. From registration data at the Royal Palm Visitor Center, it was noted that visitors from 4 Canadian Provinces and the following foreign countries were in the Park: Venezuela, Argentina, Belgium, Northern Ireland, Switzerland, Ecuador, Norway, Brazil, Guatemala, Japan, Finland, Cuba, France, Spain, Hungary, Germany, England, Israel, Australia, Union of South Africa, Napal, Thailand, Sweden, Holland, Italy, India, Iceland, Denmark, Peru, Trinidad, and Mexico.

List of visitors attached.

Special Activities: Chief Ranger Branges attended a one-week school conducted by the National Capital Parks on the handling of mass demonstrations. On his return to Everglades, a half-day seminar was held with all Protective personnel attending on this subject.

## Administration

Personnel: Mr. Robert E. Cook reported for duty at Everglades National Park on May 19. Mr. Cook transferred from Harpers Ferry National Monument to become District Ranger of the Mangrove District.

Park Ranger Francis X. Guardipee accepted a transfer to the job Corps and reported to his new assignment at Smoky Mountains National Park Tremont Camp on May 8.

Supervisory Park Ranger Zeb V. McKinney returned from the Grand Canyon school on May 23 and was temporarily assigned to the Glades District.

Supervisory Ranger James Markette was reassigned to the Glades District after serving temporary detail of 2 months in the Mangrove District.

On May 28, two GS-2 Fire Control Aids were hired under Presuppression Emergency fire funds. They are: Leonard Wilson and Herman L. Cunningham, both of Homestead.

## Conservation, Interpretation and Use

Interpretive Services: Three boat-a-cades were conducted by rangers during May; two from Flamingo, the other from Everglades. A total of 9 boats and 29 people were accommodated. Boat-a-cades conducted by the park rangers were discontinued for the season after the May 15 trip. It is anticipated that they will be re-inaugurated around December 1.

Park rangers took the 4th grade class of Erlington Heights Elementary School on an interpretive trip of the Shark Valley Loop area. The group also visited the Jimmy Tiger Indian Village.

Protection: One case was heard before the U. S. Commissioner, involving a man who became disorderly while visiting Flamingo. The gentleman pleaded guilty and was fined $50 by the Commissioner.

Park rangers participated in three boat rescues during the month. All were minor in nature and no discomfort experienced by those rescued.

Patrol mileage forthe Park is as follows:

| | |
|---|---|
| Aircraft | 8,000 |
| Motor vehicle | 18,132 |
| Boat | 2,681 |
| Glades buggy | 483 |
| | 21,296 |

Forest Fire Protection: Fire danger remained extremely high during the month. On May 27 it was felt an extreme emergency existed and presuppression emergency funds were obligated. Two additional fire control aids were hired on the 28th and two more on June 1. Seven-day air patrols were being made in the Park aircraft. All fire control aids were placed on a 6-day week.

A summary of the month's fires is as follows:

May 6 - Hainlin Farm fire located in the protective zone burned 1600 acres outside the Park.
May 11 Northwest Grossman fire located in the fire protective zone burned 1/2 acre outside the Park.
May 21 Entrance Firebreak fire along the east boundary burned 12 acres in the Park.
May 22 West Bauer Bust fire located along the east boundary burned 410 acres outside the Park.

By the end of the month, all fires were either under patrol basis or declared out.

Research and Observation: The Singer Co. Research group completed the third phase of their infra-red study in Palm Vista II. They expect to start Phase Four sometime during June.

White-crowned pigeons returned to the Park in large numbers during the month. There was some indication that they have started nesting in the Keys of Florida Bay.

Loggerhead turtles have started nesting activities on the Cape Sable beaches. It is hoped that the research program started last year can be extended through the nesting season of 1965.

Wildlife and Fish Culture Activities: The prolonged drought has had a profound effect on the Park's wildlife. This was particularly noticeable on the alligator. On May 24, "Operation Alligator Lift" was started. Park Rangers in glades vehicles scouted out dried or drying gator holes, picking up the animals and moving them to areas where water was sufficient to sustain their lives. In cooperation with the State, these gators are also being tagged when moved.

Food supply for the more than 75 gators located at Shark Valley Overlook was exhausted by the middle of the month. Cannibalism has become quite common in the moat. In order to keep many gators from perishing, feeding operations were initiated. During the month, 4 separate feeding of fish to alligators in this area were accomplished.

The blasting of gator holes in the glades continued during May. With the help and technical assistance of Homestead AF Base demolition team, water holes were dynamited at strategic spots in the north central Park area.

Cooperation with non-government agencies: A special use permit was issued to the Florida Power and Light Co. to locate transmission lines across the lower section of Taylor Slough and in the hole-in-donut. These lines terminated at the newly constructed Army Missile base. This project was completed by Florida Power and Light by the end of the month. Spur lines along to the Long Pine Key campground and Pine Island tower were also installed and hook-ups made.

Safety and Health: Mr. C. Ray Vinten, Special Assistant on Safety to the Regional Director spent one week at Everglades National Park. Mr. Vinten visited most areas of the Park, looked over the Park safety record and documented program, and made useful suggestions for improving the safety program in the area.

Three minor accidents occurred during the month. One involved a man who had an epilectic seizure who fell and injured his head. The second involved a single car wreck in which the vehicle rolled over and the occupant (1 person) was seriously hurt. The third involved a boat which capsized southwest of Flamingo. No personal injuries were sustained in this boating accident.

Public Relations: Sub-District Ranger of Florida Bay called upon the Upper Keys Chamber of Commerce during the month. He emphasized that rangers were available for assistance in all matters regarding Everglades National Park. Public relations contacts were also made at seven different fish houses and marinas along the Upper Keys.

Ralph D. Maxwell

Attachment
List of Visitors

List of Visitors

Mr. J. E. Stonitsch, Audubon photographer, Miami, Fla.
Mr. Jim Handie and Mr. Joe Renken, Miami News, Miami, Fla.
Mr. Goode P. Davis, journalist, Washington, D.C.
Mr. A. R. Marshall, US Fish & Wildlife, Vero Beach, Fla.
Mr. Fred Brumbaugh, HRB Singer Co., Rome, N. Y.
Mr. Eber Spivey, Fla. Forest Service, Princeton, Fla.
Mr. George DeTar, Fla. Forest Service, Tallahassee, Fla.
Mr. Roger Gogers, SE Regional Publications Officer, Richmond, Va.
Mr. Jim Hardie, photographer, Miami News, Miami, Fla.
Mr. Leonard Pardue, US Weather Bureau, Miami, Fla.
Mr. Robert Webb, Distribution Supt., Fla. Power & Light, Miami, Fla.
Mr. Ray Vinten, Safety Officer, Special Assistant to the Regional Director of Safety, St. Augustine, Fla.
Mr. Ralph Page, WGBS, Miami, Fla.
Mr. Bill Schnier, Miami Daily News reporter, Miami, Fla.
Mr. Gordon Stevens, WTVJ, Miami, Fla.
Mr. Dan Phifer, News Leader, Homestead, Fla.
Dr. Ginsberg, Ray Perkins, and Paul Enos, Shell Oil Co. Research Group, Miami,Fla.
Mr. William Turner, Fisheries Biologist, & James Gutherie, Fisheries Aide, US Fish & Wildlife Service, Washington, D.C.
Mr. Charlie Mitchell, photographer, Miami News, Miami, Fla.
Mr.Cole Ferner, reporter for Miami Herald, Miami, Fla.
Mr. J. A. Deas and John Brannon (with group of 20 boys) South Dade Optomist Conservation Club, Miami, Fla.
Mr. Lyman Benson, Botany Dept. Pomona College, Calif.
Mr. Ben Funk and Joe Wigon, Associated Press, Miami, Fla.
Mr. W. J. Beecher, PHD Director from Chicago Academy of Science, Chicago, Ill.
Mr. Deric O'Brien, Human Ecologist, USGS, Washington, D.C.
Mr. William J. Schneider, Staff Engineer, USGS, Washington, D.C.
Mr. William J. Kennedy, Dept. of Anthropology, Fla.Atlantic Univ.,Boca Raton,Fla.
Mr. Charles Hoffman, Jr., Dept.of Anthropology,Fla.Atlantic Univ.,Boca Raton,Fla.
Mr. Richard T. Whiteleather and wife, Deputy Director USDI Bureau of Commercial Fisheries, St. Petersburg, Fla.
Mr. "Red" Marston, Outdoor Editor, St Petersburg Times, St. Petersburg, Fla.
Governor Chuay Nonthanakorn of Thailand and members of the Gubernatorial Delegation from Thailand.

ENP-P118

# MONTHLY VISITATION SUMMARY
## EVERGLADES NATIONAL PARK
## TAMIAMI SUBDISTRICT

MONTH May YEAR 1965

| DAY | METER READING | AUTOMOBILES | BUSSES | VISITORS |
|---|---|---|---|---|
| 1 | 175 | 87 | 0 | 304 |
| 2 | 558 | 192 | 0 | 672 |
| 3 | 634 | 38 | 0 | 133 |
| 4 | 726 | 46 | 0 | 161 |
| 5 | 835 | 55 | 0 | 193 |
| 6 | 913 | 38 | 0 | 133 |
| 7 | 969 | 28 | 1(72) | 170 |
| Scouts X 8 | 1166 | 69 | 0 | 259 |
| 9 | 1466 | 180 | 0 | 630 |
| 10 | 1530 | 32 | 0 | 112 |
| 11 | *~~1668~~ 1596 | 33 | 0 | 116 |
| 12 | 1668 | 36 | 0 | 126 |
| 13 | 1758 | 35 | 0 | 123 |
| 14 | 1812 | 27 | 1(70) | 165 |
| 15 | 1950 | 69 | 0 | 242 |
| 16 | 2300 | 175 | 0 | 613 |
| 17 | Road Closed | | | |
| 18 | | | | |
| 19 | | | | |
| 20 | | | | |
| 21 | | | | |
| 22 | | | | |
| 23 | | | | |
| 24 | | | | |
| 25 | | | | |
| 26 | | | | |
| 27 | | | | |
| 28 | | | | |
| 29 | | | | |
| 30 | | | | |
| 31 | | | | |
| TOTAL | 1150 | 1140 | 2 | 4152 |

1bc/ 1bc

ENP-P118

MONTHLY VISITATION SUMMARY
EVERGLADES NATIONAL PARK
TAMIAMI SUBDISTRICT

MONTH May YEAR 1965

| DAY | METER READING | AUTOMOBILES | BUSSES | VISITORS |
|---|---|---|---|---|
| 1 | 175 | 87 | 0 | 304 |
| 2 | 558 | 192 | 0 | 672 |
| 3 | 634 | 38 | 0 | 133 |
| 4 | 726 | 46 | 0 | 161 |
| 5 | 835 | 55 | 0 | 193 |
| 6 | 913 | 38 | 0 | 133 |
| 7 | 969 | 28 | 1(72) | 170 |
| Scouts X 8 | 1106 | 69 | 0 | 259 |
| 9 | 1466 | 180 | 0 | 630 |
| 10 | 1530 | 32 | 0 | 112 |
| 11 | ~~*1668~~ 1596 | 33 | 0 | 116 |
| 12 | 1668 | 36 | 0 | 126 |
| 13 | 1758 | 35 | 0 | 123 |
| 14 | 1812 | 27 | 1(70) | 165 |
| 15 | 1550 | 69 | 0 | 242 |
| 16 | 2300 | 175 | 0 | 613 |
| 17 | Road Closed | | | |
| 18 | | | | |
| 19 | | | | |
| 20 | | | | |
| 21 | | | | |
| 22 | | | | |
| 23 | | | | |
| 24 | | | | |
| 25 | | | | |
| 26 | | | | |
| 27 | | | | |
| 28 | | | | |
| 29 | | | | |
| 30 | | | | |
| 31 | | | | |
| TOTAL | 1150 | 1140 | 2 | 4152 |

lbc/ lbc

ENP-P118

MONTHLY VISITATION SUMMARY
EVERGLADES NATIONAL PARK
TAMIAMI SUBDISTRICT

MONTH May YEAR 1965

| DAY | METER READING | AUTOMOBILES | BUSSES | VISITORS |
|---|---|---|---|---|
| 1 | 175 | 87 | 0 | 304 |
| 2 | 558 | 192 | 0 | 672 |
| 3 | 636 | 37 | 0 | 133 |
| 4 | 726 | 46 | 0 | 161 |
| 5 | 835 | 55 | 0 | 193 |
| 6 | 913 | 38 | 0 | 133 |
| 7 | 969 | 28 | 1 Bus 70 Passengers | 170 |
| 8 | 1106 | 69 | Boy Scouts | 259 |
| 9 | 1466 | 180 | 0 | 630 |
| 10 | [illegible] | [illegible] | | [illegible] |
| 11 | [illegible] | [illegible] | | [illegible] |
| 12 | 1668 | 36 | 0 | 126 |
| 13 | 1758 | 35 | ~~1 Bus 70 Passengers~~ | 123 |
| 14 | 1812 | 27 | 1 Bus 70 Visitors | 165 |
| 15 | 1950 | 69 | 0 | 242 |
| 16 | 2300 | 175 | 0 | 613 |
| 17 | | | | |
| 18 | 1150 | 1140 | 2 | 4152 |
| 19 | | | | |
| 20 | | | | |
| 21 | | | | |
| 22 | | | | |
| 23 | | | | |
| 24 | | | | |
| 25 | | | | |
| 26 | | | | |
| 27 | | | | |
| 28 | | | | |
| 29 | | | | |
| 30 | | | | |
| 31 | | | | |
| TOTAL | | | | |

Scouts X

MONTHLY NARRATIVE AND PUBLIC USE REPORT
GULF COAST DISTRICT
MAY 1965

District Ranger - Richard A. Stokes
Supv. Ranger - Edward Carlson
Park Ranger - Kenneth Morgan

(Pictures included)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Everglades National Park

N REPLY REFER TO:

June 1, 1965

Memorandum:

To : Chief Ranger

From : District Ranger Stokes

Subject : Monthly Narrative Report, Gulf Coast District, May 1965

## General

### Weather

Weather was hot with cool nights and very little rainfall. Only 1.44" fell as compared to 5.82" during May of 1964.

Max. Temp. 93° Mean Max. 87.45°
Min. Temp. 55° Mean Min. 64. °

### Travel

Travel was up 25.5% from May 1964. This was due to heavy fishing pressure by sports fisherman. If an accurate count of boats could be made the total of boats and persons would be much higher. 8482 visited during May 1965 as compared to 6867 during May 1964.

### Visitors

Mr. William J. Kennedy - Dept. of Anthropology, Fla. Atlantic Univ. Boca Raton, Fla.
Mr. Charles Hoffman, Jr. - Dept. of Anthropology, Fla. Atlantic Univ. Boca Raton, Fla.
Mr. Richard T. Whiteleather and wife, Deputy Director USDI Bureau of Commercial Fisheries, St Petersburg, Fla.
Dr. and Mrs Malzone, USDI Bureau of Commercial Fisheries St Petersburg, Fla.
Red Marston, Outdoor Editor, St. Petersburg Times, St. Petersburg, Fla.

### Special Activities

On the 20 a special trip was made to 7-mile tower to pick up Ray Vinten and Bob Cook. Mr. Vinten was shown the area on a special safety inspection and then on the 21st taken to Lostmans River to inspect that area. He was met there and taken on to Flamingo.

## Administration

### Personnel

Kenneth O. Morgan - 1 day annual leave

## Intrepretive Activities

### Research and Development

Severgl days were spent in field and in office on archeolory survey. Mr. Kennedy and Mr. Hoffman of Florida Atlantic Univ. were in office one day going over site information.

### Observation

Rookery in Chokoloskee Bay is doing well. Pelicans, Cormorants, La. Herons, and scattered other birds. (see pictures) Duck Rock has a few Cormorant nest on it and Pelicans.

As of Fri. May 18 there are no white Ibis roosting at the following locations.
- Chokoloskee Bay Roost - Active 64
- Duck Rock Roost - Active early 64 but birds left
- Buzzard Key Roost - Not Active 64
- Mainland Shore back of Buzzard Key - Active 64
- Island in mouth of S. Lostman's - Active 64

In norman years by the 15th of May there are nice groups of roosting birds, but this year due to drought there are none.
Still none on Chokoloskee Bay Roost as of 5/31/65.

Deer was observed swimming Bay next to Rogers River Bay, both horns were deformed and growing at right angles to deer head.

Osprey nesting is again showing increase. Last year there was an increase and it is continuing this year.

Sppon bills are very numerous in Charlie Creek area.

A 5' gator was found in cistern at Watson Place. He was caught and transported to head of North Water and released. This is second time gator has been found in Watson cisterns. (see pictures)

## OPERATIONS

### Ranger Activities

Boat Patrol -1611 miles Auto Patrol - 472

Boat -A- Cade 2 3 boats 12 persons

Permits issued - 2 Boat rescues - 2

Commercial boats checked - 27

Pleasure boats checked- 44

All three Rangers were at Headquarters for in-service training on the 26th.

Rangers Carlson and Stokes on Fire three days 23,24,25.

Special trip was conducted to 7-mile tower for Red Marston, outdoor editor for the St. Petersburg Times. Two fine articles appeared in his pa per as a result of this trip. Another special trip was made to tower to pick up Ray Vinten and Bob Cook. Mr. Vinten made a special safety inspection of area and on the next day he and Cook were taken to Lostman's River were we met Flamingo Ranger who took them down coast to Flamingo.

Rangers Carlson and Morgn were scheduled on 8 night patrols. Stokes made two night patrols. Ranger Morgan is now scheduled to make two night patrols per week.

Ranger personnel made contact with Dr. Malgone and Mr. Whiteleather of Bureau of Commercial Fisheries. They were shown area and problems explained.

One oral warning was given for improper numbers. Two were given for improper lights.

Maintenance

Maintenance installed shutter hangers and brought new shutters for all quarters. Bill Mills spent one day working on boats in area.

Concessioner

Concessioner travel was again down with 230 persons on tour as compared to 341 in 1964. One cause is loss of three large advertising signs on the trail and hwy. 29.

## Design and Construction

Utilities

City of Everglades is about 98% finished with water line being laid from circle to visitor center site. It is hoped to be finished first week of June.

Respectfully submitted

Richard A. Stokes

Richard A. Stokes


#1 - Seven pictures of rookery in Chokoloskee Bay


#2 - Two pictures of Alligator being rescued from cistern at Watson Place.

MAY · 65

#3 - Large Black Mangrove on Johnson Mound

MAY · 65


#4 - Strange Bird that landed at Everglades Airport

Memorandum

To : Chief Ranger

From : District Ranger Gulf Coast District

Subject : Monthly Public Use Report, Gulf Coast District, May 1965

Total Visits 8482

1. Person in office 61

2. Persons on boat tours 230

3. Persons entering Park by boat 8252

2 g other over night 429

4 b Special use data 7823 persons entering Park by boat

4 c Special use data 2235 boats entering Park waters

Respectfully submitted

Richard A. Stokes

Richard A. Stokes

ENP P-132/60
Rev. 1/65

EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 279
HOMESTEAD, FLORIDA

MONTHLY BOAT TOUR REPORT

TRIP Mangrove Wilderness MONTH May 1965

| DATE | NO. TRIPS | ADULTS | CHILDREN | FREE | TOTAL |
|---|---|---|---|---|---|
| 1 | 2 | 14 | 3 | | 17 |
| 2 | 3 | 15 | 3 | | 18 |
| 3 | 2 | 9 | 2 | 2 | 13 |
| 4 | 1 | 4 | | | 4 |
| 5 | – | – | | | – |
| 6 | 2 | 6 | 2 | 2 | 10 |
| 7 | 2 | 10 | | 3 | 13 |
| 8 | 1 | 4 | | | 4 |
| 9 | 2 | 16 | 1 | | 17 |
| 10 | 1 | 5 | | | 5 |
| 11 | 1 | 3 | 2 | | 5 |
| 12 | – | – | | | – |
| 13 | 2 | 9 | | | 9 |
| 14 | 1 | 4 | 1 | | 5 |
| 15 | 2 | 8 | | | 8 |
| 16 | 2 | 10 | 3 | | 13 |
| 17 | 1 | 6 | | | 6 |
| 18 | 2 | 14 | | | 14 |
| 19 | 2 | 10 | | | 10 |
| 20 | – | – | | | – |
| 21 | 2 | 8 | | | 8 |
| 22 | 1 | 4 | 1 | | 5 |
| 23 | 1 | 4 | | | 4 |
| 24 | – | – | | | – |
| 25 | 1 | 4 | 2 | | 6 |
| 26 | – | – | | | – |
| 27 | – | – | | | – |
| 28 | – | – | | | – |
| 29 | 1 | 3 | 2 | 2 | 7 |
| 30 | 3 | 15 | 4 | 6 | 25 |
| 31 | 1 | 4 | | | 4 |
| TOTAL | | [illegible] | [illegible] | [illegible] | [illegible] |

Submitted by: Paula Hamilton

OPTIONAL FORM NO. 10
5010-103

UNITED STATES GOVERNMENT

# *Memorandum*

TO : CRO

DATE: 6/2/65

FROM : Mangrove District Ranger

SUBJECT: District Monthly Report for May

Attached are Sub District Reports for Key Largo and Cape Sable.

R E Cook
Mangrove District Ranger

[illegible] May were from Dade County.

Visitors:

5/6 Dr. Iakala and Dr. Long South Florida University
5/11 Jim Hardie Miami News
5/11 Leonard Pardue U.S. Weather Bureau
5/17 Mr. Juntenan and Mr. Dickson U.S. Fish and Wildlife Service
5/18 Ray Vinton Special Assistant to The Director
5/18 Dr. Ginsberg, Ron Perkins and Paul Enos Shell Oil Co.
5/28 Mr. Silvester Freelance photographer from Germany

## Administration

Personnel: Mangrove District Ranger, Robert E. Cook entered on duty May 19. Bruce Paige, Naturalist from Death Valley National Monument, entered on duty on May 31.

Safety and Health: Three significant accidents occured in the District in May including a man who had an epileptic seizure and fell injuring his head. He was taken to the hospital in Homestead by ranger personnel. A man was injured when he rolled his car over South of Nine Mile Pond. Rangers assisted him until the ambulance arrived. A sixteen year old boy capsized his boat in the Buttonwood Lagoon. There were no injuries.

## Conservation Interpretation and Use

Interpretive Services: A total of 2 Boat-a-Cades were held in May with six boats and 17 people participating.

Research and Observations: The sea turtle nesting survey began this month for the 1965 season. One nest with 124 eggs was brought back to Flamingo for protection from raccoon predation. So far attempts to capture and tag raccoons have been largely unsuccessful.

Protection: Two small larcenies and a burglary were investigated by Ranger Personnel.

Mr. Joseph OQuinn was arrested for threatening to harm his girl friend at Flamingo - He was taken to Homestead and jailed, pleaded guilty and was fined $50.00

An airboat builder was warned to keep his boats out of the park.

Fire assistance was given to the Glades District by all rangers plus Smith Baker and Alcorn of the maintenance division.

District Personnel assisted in three boat rescues during the month.

Patrol Mileage: Vehicle 2334 miles Boat 820 miles

Sanitation: The water supply continues in good amount at Flamingo, but the concentration of salt in the water makes it somewhat objectionable.

Complaints: The district office received several minor complaints during the month, most had their origin in the marina area, regarding the condition of the rental boats. Rebuilding of the rental boats is underway.

## Public Affairs

New Construction: Work started during the month on the seeding of the new camping area at Flamingo.

Robert E. Benton

Robert E. Benton
Cape Sable Sub. District Ranger

REB

cc:
District Files

FRT-P115/60

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 275
HOMESTEAD, FLORIDA

Date 5/29/65

Memorandum

To: District Park Ranger, Mangrove District

From: Supervisory Park Ranger (Park Ranger) Castleberry

Subject: Monthly Narrative Report for the Month of May, 1965

## General

Weather Conditions:

| Maximum Temp. | Minimum Temp. | Mean Max. | Mean Min. | Ppt. |
|---|---|---|---|---|
| 90 | 67 | 84.0 | 73.5 | 0.30 In. |

Comments: May was warm and extreemly dry. The only rainfall was in widely scattered showers during the first week of the month. The wind was easterly, averaging about 10 knots and the bay was mildly choppy.

Increase or Decrease in Travel:

Total visitor days declined, seasonably, about 2% under April but increased about 5% over May 1964.

Campground use - Flamingo (trailers) _____
(tents) _____
Total Visitor Days _____

Camper Use - Lostman's River
Total Visitor Days _____

Camper Use - Florida Bay
Total Visitor Days 35

Boat Travel:

Rental Boats (Flamingo) _____ Visitor Days _____
Sightseeing Boats (Flamingo) _____ Visitor Days _____
Ramp Boats (Flamingo) _____ Visitor Days _____
*Slip Rentals, live (Flamingo) _____ Visitor Days _____
Charter Boats (Flamingo) _____ Visitor Days _____
*Boats observed (estimated - Lostman's River _____
Visitor Days _____
*Boats observed (estimated) - Florida Bay 1390
Visitor Days 4860

*Boats entering from outside

**Visitors:** May 1: Beverly Hite, Park Headquarters
May 23: Bob Haugen & friends from Univ. of Miami
May 25: George Stevenson, Local Conservationist

**Special Activities:** On May 26, the Sub-district Ranger attended a ½ day session, at park headquarters, on control of riots and peaceful demonstrations.

**Miscellaneous:** The Patrol boat "Osceola" was taken to Flamingo on May 4, to be used there during the absence of the Key Largo Ranger. The pick-up truck and starcraft skiff were left at Pine Island

## Administration

**Personnel:** The Sub-district Ranger was away, on annual leave from May 6 through May 21.

## Conservation, Interpretation and Use

**Interpretive Services:**

**Research & Observations:** Large numbers of white crowned pidgeons arrived in the area during May and appear to be nesting widely over the area.

**Protection:**

**Boat Patrol Mileage:** 250 Miles **Vehicle Patrol Mileage:** 400 Miles

Patrol mileages are low because of the absence of the Sub-district Ranger, for much of May. Boat patrols during the first and last weeks of May, indicate little activity in the sub-district, except for local fishermen and commercial trout fishermen in the central lakes of Florida bay. One firearms permit and one glades buggy permit were issued for use in the Hole-in-donut area.

Fire Protection: All fire extinguishers were checked and found to be O K.

Maintenance: On May 3, the lawn at the Key Largo Station was mowed and all buildings were checked and cleaned in preparation for the Ranger's absence on leave.

Concessioners:

Complaints:

Safety & Health: The Resuscitator at the Key Largo Station was checked out and found to be operable.

## Resource Planning

### Cooperation with Other Federal, State or Local Agencies

Contacts were made with the staffs of the Monroe Co. Sherriff's station, Pennekamp State Park, State Conservation Officers and the U.S. Coast Guard. All contacts stress mutual cooperation.

## Public Affairs

General Publicity:

Public Relations: The Sub-district Ranger called upon the Islamorada and Upper Keys Chambers of Commerce, left copies of the Park's folders for distribution. It was emphasized that the Ranger is available for assistance in all matters regarding Everglades National Park. Public Relations contacts were also made at 7 different fish houses and Marina's along the keys.

Signed: Don H Castleberry



ENP-P119/60 (Revised Dec 62)

E P-P125/60

EVERGLADES NATIONAL PARK
P. O. BOX 275
HOMESTEAD, FLORIDA

MONTHLY PUBLIC USE REPORT, MANGROVE DISTRICT — MAY, 1965

| | Boats | People | CURRENT MONTH | CALENDAR YEAR TO DATE |
|---|---|---|---|---|
| 1. TOTAL VISITS (entry by boat) | | | | |
| a. Florida Bay, non-commercial | 1190 | 4165 | | |
| b. Florida Bay, commercial fishermen | 200 | 300 | | |
| c. Cape Sable, non-commercial | | | | |
| d. Cape Sable, commercial fishermen | | | | |
| e. Flamingo, slip rentals | | | | |
| f. Estimated uncounted boats (1/3 of a & c) | | | | |
| | 1390 | 4465 | | |
| 2. OVERNIGHT VISITS | | | | |
| a. Accommodations, concessioner | | | | |
| b. Accommodations, private inholdings | | | | |
| c. Designated campsites, tents, Flamingo Campground | | | | |
| d. Designated campsites, trailers, Flamingo Campground | | | | |
| e. Undesignated campsites, tent, (campground overflow) | | | | |
| f. Undesignated campsites, trailer, (campground overflow) | | | | |
| g. Other overnight | | | | |
| Aboard private boats, Cape Sable | | | | |
| Aboard private boats, Florida Bay | 260 | | | |
| Primitive sites reached by boat, Cape Sable | | | | |
| Primitive sites reached by boat, Fla. Bay | 35 | | | |
| Commercial fishermen, Cape Sable | | | | |
| Commercial fishermen, Florida Bay | 100 | | | |
| Rental houseboats, Flamingo | | | | |
| | 1390 | 4860 | | |
| 3. TOTAL VISITOR DAYS (add lines 1 and 2) | | | | |

MONTH

4. SPECIAL USE DATA
   a.
   b. Persons, entering by boat from Keys and West Coast
   c. Boats, entering from Keys and West Coast
   d.
   e.
   f. Persons in vehicles actuating traffic counter at Buttonwood Creek

5. MULTIPLIERS
   a. Private autos X 3.5 b. Private boats X 3.5 c. Commercial boats X 1.5

6. REMARKS
   a. Commercial fishermen are included in lines 1, 2g, 4b, and 4c.

7. OTHER SPECIAL BOAT USE (visitors)
   a. Flamingo rental skiffs
   b. Flamingo sightseeing tours
   c. Flamingo ramp boats
   d. Flamingo charter boats

TOTAL BOATING USE - - VISITOR DAYS (lines 1a - 1f, 2g, 7a - 7d)

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27
5010-107

UNITED STATES GOVERNMENT

# *Memorandum*

: Royal Palm District Ranger

DATE: June 1, 1965

: Tamiami Subdistrict

T: Monthly Narrative Report, May 1965

## GENERAL

Weather Conditions; Rain occurred on 5 days this month. The greatest amount per 24 hr. period was 2.08 inches, which fell on the 31st. The total for the month was inches as compared to 4.37 for the same month last year.

The water levels within the Subdistrict were very low: until the rain on the 31st. The level at P-33 was 3.07 feet above sea level on the 22nd. Many of the survival holes and the Shark Valley Rd. Canal were just about dry.

| | | |
|---|---|---|
| Maximum Temp. | 65 / 95° | 64 / 94° |
| $\overline{X}$Max. | 88.5° | 88.3° |
| Minimum | 53° | 56° |
| $\overline{X}$ Min. | 61.5° | 64.6° |
| Rain | 2.36 | 4.37 inches |

Travel; Travel for the OVER was 1140 cars, 2 buses and 4152 people up until the 16th of the month when the road was closed. This is slightly lower than for the same time period for the previous month.

Visitors: Teachers and 4th graders from Darlington Heights Elementary School, Miami, - 72 persons

Boy Scout group, 13 scouts 2 adults - Troop #2 So. Miami.

Olympic Heights School group - 40 students and 10 adults.

Mr. Leonard Pardue, U.S. Weather Bureau, National Hurricane Center, Coral Gables, Fla.

Mr. Red (Gordon) Marston, Outdoors Writer, St. Petersburg Times, St. Petersburg , Fla.

Mr. C. Raymond Winten, Special Assistant (Safety) to the Regional Director, Southeast Region.

Special Activities: Fire Control Aids Dillon & Rogers on orientation trip from the SVC to the Station by weasel.

E.R. Brownell , Land Surveyor and 2 of his men were taken by weasel to the 9 Mile point on the N&S boundary. Measurements were made - new monuments were put in where new boundary is to be established. Other survey work was done along this boundary.

Ranger Minte appeared in court case at Key West. The case involved arrest by Special Deputy Pryor on the Loop Road of a D W I .

Teachers & 4th graders from Barlington Heights Elementary School, Miami, were given interpretive talk and question and answer period at the SVC. The group was given permission to enter Jimmy Figers Village.

Assistance given to Special Deputy Pryor in gunshot leg wound of John H. Warren on Loop Rd.. Ambulance was called and directed to the scene upon arrival at 40 Mile Bend.

Ranger Vinte discussed the water problem with Hydraulics Engineer Dix. This was the water problem along the SWLR.

Olympic Heights School group escorted along the SWLR and given interpretive talk at S.C. Group also entered Migers Village.

Discussion of weather station, new station and equipment with Mr. Farnue, U.S. Weather Bureau, National Hurricane Center.

Assistance given to District Ranger Stokes in escorting Mr. Ned Marston on tour of SWLR & SWC for article on Everglades water problems. Article to appear in St. Petersburg Times.

Rangers Vinte , Needham and Lewis to contact Taylor on construction of new airboat.

Mr. C. Raymond Vinter was in the Subdistrict to discuss safety. The annual unsanitary condition of the airboat basin was stressed by Ranger Vinte.

Inspection in Conservation Areas 3A & B with Engineer Dix in connection with a possible water release into the Park

The U-23 was taken to P-33 for special reading which might have resulted in water releases into the Park. The water level at P-33 was 3.47 feet above sea level.

Clearing and blasting of drainage canals at the Otter Creek area was begun. The blasting was done by the homestead [illegible] demolition team [illegible]. Sheriffs Lept and the Ranger Pilot. A copter was provided and some survival holes were blasted in the Shark Valley. Explosives used were C4 and dynamite with good results although considerable hard manual labor will still be necessary. to complete the job.

Rangers Winter & Chamberlaine attended the seminar on Crows and Rice Control at headquarters on the 26th.

CONSERVATION, [illegible] SERVICE

Protection: Patrol mileage as follows:

| | |
|---|---|
| Highway | 4094 |
| Weasel | 47 |
| Total | 4141 miles |

Building Fire Protection: Building fire inspection and reports submitted this month.

Forest Fire: A small fire on the S side of the Loop Rd. at the Monroe Co. line extinguished this month.

Wildlife & Fish Culture: A total of 0.6 miles of the Shark Valley Canal was dredged by the Hayes Crane Service. This involved two areas of the canal, from the Tower north and a small area north of the Otter Creek. It is hoped that this measure will help some aquatics, fish and alligators to survive the

dry period. The complete dredging of this canal and the lower canal should be included in future plans. The water is there only it is unavailable to the wildlife. This silt offers considerable resistance to water flow in the canal.

The gator feeding at the NWR was started this month. To date 400 lbs of mullet has been fed. The larger gators readily fed but the smaller individuals who were in greater need of the food were reluctant to feed in many instances. In the future if the measure is again repeated too, earlier feeding or the introduction of live fish would assure better participation this year.

Maintenance: The Shark Valley Rd. was surfaced with # 4 road rock and rolled this month. This is to reduce the further breakup.

## REMARKS GENERAL

Cooperation with Other Federal & State Organizations:

Weather data and water level data for the month submitted to 4 other agencies.

The USGS was taken to P-33 and to Cottonwood Camp this month.

Respectfully submitted,

Lee D. Chamberlain

Lee D. Chamberlain

Variant Subdistrict

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
and
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 279
HOMESTEAD, FLORIDA 33030

IN REPLY REFER TO:
A2615

July 8, 1965

Memorandum

To: Acting Superintendent, Everglades

From: Chief Park Ranger

Subject: Monthly Narrative Report for June 1965

## General

Weather: June's weather was about normal with the exception of the deficiency of rainfall. Temperatures climbed into the mid-90's at most stations and relative humidity was high. Rainfall, however, was somewhat below normal and varied from 7.24 inches at Tamiami to 2.39 recorded at Flamingo. While, in most areas seven inches of rain in one month would be considered more than adequate, at Everglades, coupled with its winter-spring drought this amount of rainfall did little to bring water levels to normal conditions for this time of the year. The Taylor Slough gauge read 2.43 feet on June 30 compared with 4.23 feet at the same time last year. By the first of July a sheet of water should exist over the Shark Valley and a great deal of surrounding glades. However, in this area at the present time, water is showing only in the lower depressions. It is estimated that conditions are now what normally are to be expected in late March or during early April after the dry winter spell. Weather statistics are as follows:

| | Max.Temp. | Min.Max. | Min.Temp. | Mean Min. | Rainfall |
|---|---|---|---|---|---|
| Royal Palm | 93° | 89.0° | 63° | 69.0° | 7.21 |
| Tamiami | 95° | 91.0° | 62° | 70.0° | 7.24 |
| Flamingo | 89° | 87.2° | 68° | 72.8° | 3.39 |
| Florida Bay | 89° | 87.0° | 65° | 75.4° | 3.55 |
| Everglades | 92° | 88.8° | 65° | 70.2° | 6.54 |

Increase in Travel: Visitation to the Park continued its upward climb to a total of 63,160 persons visiting the area. This is 35 per cent greater visitation than recorded for June 1964. Travel figures for the year now stand at 601,163 which is 30 per cent greater than for

the first six months of 1964. Use of concession facilities at Flamingo increased 17 per cent for June and 28 per cent for the first six months of the previous year. Camping showed a startling increase of 350 per cent over June 1964. Use of the Park campgrounds for the first six months of 1965 showed an increase of 11 per cent.

Visitors: Visitors from all states except Nevada, New Hampshire, and Wyoming were represented on the Royal Palm Register during June. Registration also showed persons from five Canadian Provinces and the following foreign countries entered the area: Czekoslovakia, Austria, Sweden, Venezuela, New Zealand, Switzerland, Cuba, The Netherlands, South Africa, France, United Kingdom, Columbia, Argentina, Peru, India, Italy, West Germany, Denmark, Kenya, Jamaica and Scotland, plus the attached list of individuals.

Mr. John West, U. S. Border Patrol, Miami, Fla.
Mr. L. D. Beadle, U. S. Public Health Service, Vector Control, Atlanta, Ga.
Mr. Frederick G. Vosburgh, Vice-President, National Geographic Society, Washington, D. C.
Mr. Steve Trumbell, reporter for the Miami Herald, Miami, Fla.
Miss Patricia Caulfield, writer and photographer, New York, N. Y.
Mr. Tom Smith, Collier County Forester, Florida Forest Service, Naples, Fla.
Mr. Fred Arnold, Chief Resource Management and Visitor Protection, Southeast Regional Office, National Park Service, Richmond, Va.
Mr. C. E. Harder, H & H Productions, Tampa, Fla.
Mr. Alfred Vick, III, Branch of Water Resources, Southeast Region, National Park Service, Richmond, Va.
Mr. Eber Spivey, Florida Forest Service, Princeton, Fla.
Dr. George Sprugel, Jr., Branch Natural Science, National Park Service, Washington, D. C.
Mr. George DeTar, I & E Office, Florida Forest Service, Tallahassee, Fla.
Mr. Ray Casada, Hydrological Field Representative, U. S. Weather Bureau, Tallahassee, Fla.
Dr. William Kennedy, Florida Atlantic University, Boca Raton, Fla.

Special Activities: Mr. Fred Arnold, Chief of Resource Management and Visitor Protection for the Southeast Region spent ten days in the Park. Mr. Arnold visited all districts and reviewed problems pertaining to protection and management of resources.

Miscellaneous: Asst. Chief Ranger Ralph D. Maxwell was selected as the recipient of the Conservation Award by the Woodsmen of the World. The presentation of the plaque was made at a dinner meeting celebrating the 75th anniversary of the organization held at Homestead the night of June 24. Mr. Eber Spivey, Princeton Tower representative, Florida State Forest Service, presented the wood and bronze plaque to Mr. Maxwell for his work in all phases of conservation. Approximately seventy-five members of the fraternal order were present at the ceremony.

Administration:

Personnel: Park Rangers assisted personnel from EODC in preliminary planning for the pumping of water from a large sump into the Park. The Ranger participation consisted of furnishing transportation to the survey party.

Ranger Ralph E. Johnson, Sub-district Ranger for the Royal Palm area was offered a promotion and transfer to Lake Mead National Recreation Area. Mr. Johnson's last day of duty at Glades District was June 3.

Ranger Edward R. Carlson, in an inter-Park move, was transferred from Park Ranger in the Gulf District to Sub-district Ranger at Royal Palm area.

Supervisory Ranger Carl Christensen returned to his duty at Flamingo after three and one-half months detail at Fort Jefferson National Monument.

Supervisory Ranger James E. Markette has been temporarily detailed to duty as Park Dispatcher in the Chief Ranger's office.

Sub-district Ranger Don L. Castleberry left on June 22 to attend the Horace M. Albright Training Center.

Because of severe fire danger fire control aids were asked to stay longer than intended in the Park. The areas that they were to report to for summer jobs were contacted and permission granted for this extension. The men were terminated as follows:

Tom M. Talarek - June 7, summer assignment, Isle Royale National Park;
Lyle I. Rogers - June 9, summer assignment, Glacier National Park;
Roger L. Ronek - June 9, summer assignment, Cape Hatteras Nat. Rec. Area;
Don L. Pumphrey - June 12, summer assignment, Shenandoah National Park;
William B. Whitney - June 12, summer assignment, Yellowstone National Park;
Ralph C. Johnston - June 28, no summer assignment; and
Ruben P. Naseth - June 28, no summer assignment.

Because of emergency fire situation that existed in the Park, four additional GS-3 Fire Control Aids were employed. These men were all separated June 15. They were Stephen Marsh, Herman L. Cunningham, J. D. Kendall, and Johnnie F. Lee.

Conservation, Interpretation and Use

Research and Observation: On June 8 the Conductron Company returned to the Park to continue their research work under contract with the U. S. Air Force. Daily flights by their DC-7 aircraft began June 9 and continued until the 30th. The work again is concentrated in Palma Vista II Hammock on the east end of Long Pine Key.

Operation "Alligator Move" was terminated following some rains during the middle of the month. This operation was to move alligators, mostly small, from dry holes in the 'glades to areas where sufficient water was present. Some of the 'gators moved were also tagged in cooperation with the State Fish and Wildlife Service.

The last of the 'gator feeding operation took place during the month. The State Conservation Department furnished the Park approximately 1,000 pounds of rough fish, mostly gar and mudfish, from a shocking operation in the nearby Tamiami Canal. These fish were transported, most of them alive, to the Shark Valley Overlook area and fed to the hungry 'gators in the area. As the water table increased slightly, the last of the 'gator blasting survival holes was accomplished. The last of these holes was blasted just south of Tamiama Canal east of the Shark Valley Loop Road.

In connection with a report submitted by Collaborator Dr. Frank C. Craighead, a survey was made of the possibility of constructing mangrove dikes along the northern edge of Florida Bay. A helicopter was used in this survey and the report submitted to the Southeast Regional Office. Two dikes were actually constructed; one in a small creek in the east end of West Lake and the second at the north end of Seven Palms Lake.

A one-week study on the possibility of mosquito control in the Flamingo area was conducted by a representative of the U. S. Public Health Service. A very high concentration of the pest, including at least five species, was found. This was no news to Flamingo residents.

A large number of fish were killed in Bear Lake on May 30 and 31. Investigation by Atlanta Marine Laboratory indicated that high water temperatures combined with rainfall reduced oxygen concentrations in the lake to a level lethal to most fish.

Ranger personnel conducted persons representing the Florida Atlantic University at Boca Raton on field trips in their preliminary study to map Indian sites in the Park. A total of eight mounds were visited on the ground.

Ranger personnel were assigned to such special activities as the 'gator transport project, mangrove dike project, 'gator feeding project, 'gator tagging project, survival hole blasting project, and turtle research project in addition to routine Protection Division activities.

Patrol mileage for the Park was as follows:

| | |
|---|---|
| Motor vehicle | 12,708 |
| Glades buggy | 149 |
| Boats | 2,074 |
| Total | 14,931 |

On June 14 Ranger personnel resumed boundary posting operations on the Iori property in the "Hole-in-the-Doughnut". The west portion of this boundary from Long Pine Key Road to the old Ingraham Highway was mostly posted by the end of the month. Beginning June 17 and continuing through the 30th, Rangers were assigned to assist Naturalists in keeping the Park Headquarters Visitor Center open until 7 p.m. in the evening. The Flamingo Visitor Center was kept open until 8 p.m., and the Shark Valley Loop Road was closed at 6:30 p.m. These late hours required additional efforts by the Ranger Division and were on and above regular duties as assigned.

Park Rangers participated in five boat search and rescue operations during June. One of these involved two Everglades Park Co., Inc. employees who were missing for two days in a small boat. Aerial search finally located the men five miles west of Sandy Key in the open Gulf.

Transportation was furnished personnel of the U. S. Geological Survey to read water gauges P-33, 34, 35, 37 and 38.

Forest Fire Protection: To supplement the Park's fire-fighting force four additional (emergency) Fire Control Aids were hired locally early in the month. They remained on duty through June 15. Although rain showers began to fall in the 'glades on June 6 they were not sufficient to end drought conditions. On the 24th lightning set a fire near the headwaters of the Broad and Rodgers Rivers and a total of 1,000 acres was burned within the Park. It was noted during aerial scouting fire that four additional lightning strikes in the same area had been rained out.

Building Fire Protection: The annual Building Fire Inspection was conducted in all Service and concession buildings during the month. The annual report was submitted to the Regional Office on June 24.

Wildlife and Fish Culture Activities: About the middle of the month, a die out of fish were noted at Royal Palm Pond. Of great interest was the fact that garfish were the species being affected. It was heretofore thought that garfish were extremely hardy and could survive most conditions. Closer examination disclosed a parasite (ardulus) was found on all dead or dying fish. Information received from the University of Miami Marine Laboratory and Biologist Kolipinski revealed that the ardulus was normally present in the pond. However, a triggering mechanism of some type probably brought about by the drought caused this parasite to increase at an extremely rapid rate. The dead and dying fish were removed from the pond. Some were washed in salt water baths and replaced in an effort to keep the spread of the ardulus into the Anhinga Trail area sandbags were placed each side of Royal Palm Pond. It was thought that the infection will run its course and with the coming of rains and high water the area will be flushed clean and fish populations revived.

The bird roost in Chokoloskee Bay is again doing well. Louisiana Heron, Cormorants and Pelicans have nested in this area and all have young. Over 10,000 White Ibis are now roosting on the small Chokoloskee Island in the evenings.

Robert J. Branges

Robert J. Branges

Park files

June 1965

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Everglades National Park

RECEIVED
JUL 7 1965
EVERGLADES
NATIONAL PARK

SUPERINTENDENT
ASST. SUPT.
MGMT ASST.
ACTION BY DATE

REPLY REFER TO:
A 2615

Memorandum:

To: Chief Ranger

From: District Ranger Stokes

Subject: Monthly Narrative Report, Gulf Coast District, June, 1965

## General

### Weather

The rains have at last started with 6.54" falling during June. All though this is way below June 1964 as 10.94" fell during the month.
The rest of the weather was about seasonal with a Max. Temp. of 92° and a mean of 88.89°. The min. Temp. was 65° with a mean of 70.27°.

### Travel

Travel decreased nearly 7% over last year. This was mainly in the concessionier travel. Other travel was slightly up. With 7272 visits this year as compared to 7769 last year.

### Visitors

Mr. Vosbough- Associate Editor National Geographic Socitey- Washington,D.C

Miss Patricia Caulfield,Executive Editor Modern Photography Magazine

Mr. William Kennedy, Arch, Fla. Atlantic University, Boca Raton, Fla.

### Special Activities

Fred Arnold of the Regional Office was taken on a two and one-half day trip over the district. This included an over night stay at Lostman's River. He was given many of the problems and shown much of the area on his visit.

## Administration

### Personnel

Edward R. Carlson - Last day of duty on June 3, 1965

Kenneth O. Morgan - Annual and Military Leave ~~July 1~~ through ~~16th~~.

## Intrepretive Activities

### Research and Development

Two all day field trips were conducted for Mr. Kennedy to various Indian Sites. Also I checked out 8 mounds on various patrols during the month.

### Observations

Rookery and Roost in Chokoloskee Bay is doing well. The La. Herons have left the nests. The Cormorants and Pelicans now have young in nests. This is the rookery part, the roost part is also doing well with well over 10,000 white Ibis comming in.

A noted increse of Great White Herons has been observed this summer. It is now very common to see them with one in the boat basin area.

## Operations

### Ranger Service

1020 miles boat patrol 253 miles auto patrol

32 commercial boats checked 20 private boats checked

2 new commercial permits issued

1 boat-a-cade in area with 8 boats

1 boating accident 6/11

1 boat search and rescue (all one night and with USCG plane next morning locating boat and rangers going out to pick up boat.

1 boat search with boat finally comming in.

One day spent training new boat operator for concessioner.

Two days were spent with WPTV Channel 13 in Tampa doing film and interview on drought and park in general.

Many boat patrols were made during with two night patrols per week. These are primarily made to stop turtle hunters. None have been caught but have been curtailed in park area.

No fresh gator poaching activity has been observed during the month..

Maintenance

New Mitchell boat was placed in service on the 26th.

Maintenance crews were over and finished installing storm shutters on house.

No maintenance has been done on Lostman's Station and dock. This is a disgrace to the Service. The building will rot down within a year if much maintenance is not accomplished immediately. Surveys have been made as to work needed and several work orders sent in but to no avail. The last work order was within the last month.

Concession

Concession was way down again. He blames most of it on the fact that three big advertising signs have been taken down by Chamber of Commerce. Only 316 this year as compared to 704 for the same month last year.

Respectfully submitted

Richard A. Stokes

Richard A. Stokes

OPTIONAL FORM NO 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27
5010-106

UNITED STATES GOVERNMENT

# Memorandum

: Chief Park Ranger

DATE: July 2, 1965

I : Mangrove District Ranger

ECT: Monthly Narrative Report for June, 1965

## General

Weather Conditions: June was a warm month but sustained easterly winds kept the temperature and humidity near a comfortable level on most days. Summer rains began during the month, with thundershowers producing measurable rain on nine days. Rain also brought out hordes of mosquitoes to plague both visitors and residents in the Park. Weather statistics were as follows:

| | Maximum | Minimum | Mean Maximum | Mean Minimum | Precipitation |
|---|---|---|---|---|---|
| Flamingo | 89° | 68° | 87.2° | 72.8° | 3.39" |
| Key Largo | 89° | 65° | 87.0° | 75.4° | 3.55" |

Increase or Decrease in Travel: Visitation dropped from May's level in all but one category, the lone exception being a 13.7% rise in the number of visitors arriving by boat. Comparison with last June's figures, however, indicates that overall travel is up some 15% or more, with campground use up a whopping 65%, despite mosquitoes and high temperatures. As was true last month, a very high percentage of our visitors were residents of the south Florida area, largely people from Dade County.

Visitors:
6/9 Mr. John West, U.S. Border Patrol
6/13 Mr. Beadle, U.S. Public Health Service
6/13 Mr. Fred Vosburgh, National Geographic Society
6/15 Mr. Eber Spivey, Florida Forest Service
6/15 Mr. George DeTar, Florida Forest Service
6/16 Mr. Steve Trumbell, Miami Herald
6/18 Miss Patricia Caulfield, photographer and writer
6/20 Mr. Fred Arnold, Regional Chief, Resource Management and Visitor Prot.
6/25 Mr. Tom Smith, Collier County Forester, Florida Forest Service
6/26 Dr. George Sprugel, WASO
6/26 Dr. Fager, ecologist, Scripps Institute of Oceanography

## Administration

Personnel: Florida Bay Sub-District Ranger Don Castelberry left on the 22nd to attend the Albright Training Center, During his absence, the Sub-District will be covered by Ranger Max Holden from Flamingo.

Ranger Carl Christensen returned to duty at Flamingo after 3½ months temporary duty at Fort Jefferson National Monument.

## Conservation, Interpretation, and Use

Research and Observations: Large numbers of fish were killed in Bear Lake on May 30 or 31. An investigation by Mr. Bernard J. Yokel of the Institute of Marine Science, University of Miami, indicated that high water temperatures combined with a rainfall reduced oxygen concentrations in the lake to a lethal level for most fish.

Ranger Max Holden assisted Dr. Frank Craighead in construction of a dike in the West Lake area to prevent salt water intrusion.

A one week study of mosquitoes in the Flamingo area was conducted by the U.S. Public Health Service. Very high concentrations of the pest, including at least five species, were found, no news to Flamingo residents.

Protection: Specifications were prepared for the district's two new inboard patrol boats, scheduled to replace the present boats later this year. Design of the new boats is a departure from previous boats in that they will be of an open type, without foredeck or windshield, and will have a centerline control panel.

As usual, search and rescue operations consumed many early and late hours during the month. Two EPC employees were missing for two days in a small boat. An aerial search finally located the men about five miles west of Sandy Key. A pair of boat searches were carried out on the 24th, one for a rental skiff found near Flamingo. The other search was a false alarm caused by an incorrect date in the float plan log. Two men walked to Flamingo from East Cape Canal, where a failure in their boat's motor had stranded them.

Senior Patrol Inspector John West of the U.S. Border Patrol gave a pistol demonstration for Flamingo personnel and their families.

Transportation for U.S. Geological Survey personnel was furnished by district personnel and equipment on several occasions. Personnel from Flamingo were utilized on a large Glades fire the 25th and 26th of the month.

Illegal set lines for jewfish were discovered in East Cape Canal and removed. Reports indicate that this is a widespread operation and action is being taken to uncover other sets.

A permanent shelter was found on a key just inside the park boundry along the Intracoastal Waterway below Baker Cut. If the owners cannot be contacted, the structure will be removed.

Patrol mileage for the month: Vehicle 2,127; Boat 1,054

Maintenance: A list of projects needed in the district which can be accomplished this summer was compiled. Included were channel marking, campground organization, and clean-up of campsites in Florida Bay.

Several channels in eastern Florida Bay were marked during the month by Ranger Castleberry.

Complaints: A complaint on the cleanliness of cheaper rooms in the Flamingo Lodge was received and investigated. Housekeeping in this section of the Lodge had been lax but concession personnel have promised prompt remedial action.

Robert E. Cook
Robert E. Cook
District Ranger

cc: District Files

da

No yellows
4T

EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
A2615 P. O. BOX 279
HOMESTEAD, FLORIDA 33030

August 5, 1965

Memorandum

To: Superintendent, Everglades

From: Acting Chief Ranger

Subject: Monthly Narrative Report - Division of Resource Management and Visitor Protection - July 1965

Weather Conditions: July was a very warm month with temperatures averaging 93° and the relative humidity was high. Thunderstorms of varying intensity were experienced throughout the Park, however, rainfall is still below normal. The Taylor Slough gauge read 2.27' on July 31 as compared to 3.11' for July of last year. While precipitation for the year is still below normal, at least some fresh water is now available for vegetation and wildlife. The rains have brought out a heavy onslaught of mosquitos.

Following is a weather summary for the Park:

| Station | Max Temp | Mean Max | Min Temp | Mean Min | Rainfall |
|---|---|---|---|---|---|
| Royal Palm | 93° | 90.36° | 66° | 70° | 3.03" |
| Tamiami | 97° | 89.30° | 69° | 71.60° | 7.55" |
| Flamingo | 90° | 87.9 ° | 69° | 72.4 ° | 3.77" |
| Everglades | 92° | 89.9 ° | 69° | 71.5 ° | 8.58" |

Increase or Decrease in travel: Visitation to the Park continued its upward climb with a total of 72,356 persons visiting the area during July. This is 26% greater visitation than recorded for July 1964. A total of 674,019 people have visited the area to date this year and is a 30% increase over a like period in 1964. Use of concession facilities was up 40% over July of last year. Camping showed a remarkable increase with July's figures showing a 380% increase over July of last year, and the total for the year was up 13%. While the travel figures in general showed a marked increase, the travel in the Gulf Coast area was down 10% due to the heavy mosquito infestation and lack of commercial fishing.

Persons from 46 of the 50 States entered the 50 States entered the Park with only Idaho, Maine, Utah and Vermont not represented. From registration data

at the Royal Palm Visitor Center it was noted that visitors from two Canadian Provinces, 4 U.S. Terrirotiea (Puerto Rico, Virgin Islands, Okinawa, and Canal Zone), and the following foreign countries were in the Park: Netherlands, Jamaica, Italy, Portugal, Japan, Belgium, Costa Rica, France, Germany, Brazil, Ethiopia, England, Austria, Columbia, Scotland, South Africa, Mexico, Chile, Thailand, Denmark, Finland, Australia, Peru, Argentina, Sweden, Bolivia, and Venezuela.

List of visitors is attached.

Special Activities: Forty-two students from the University of Miami were given a tour of the Shark Valley Loop Road and Observation Tower.

The radiological monitoring equipment at Flamingo was inspected during the month by personnel from the Dade County Civil Defense organization.

Miscellaneous: A traditional fish fry was held at Flamingo for Mr. Graham Liles and family. Mr. Liles transferred to Dinosaur National Monument, Colo.

## Administration

Personnel: Chief Park Ranger Robert J. Branges was transferred to Fire Island National Seashore, departing Everglades on July 16.

## Conservation, Interpretation and Use

Research and Observations: A single flamingo was seen on the Dave Foy Bank near Palm Key. This was the first sighting in the Flamingo area in about a year.

Ranger personnel, accompanied by Collaborator Dr. Frank Craighead and Mr. Otis Imboden, photographer for National Geographic, went on an overnight trip to Cape Sable to observe sea turtle nesting. The nesting season was apparently too far advanced since no observations were made.

One of the two clutches of turtle eggs transplanted in May from Cape Sable to Flamingo began hatching the latter part of the month. By the end of the month, 54 of the 124 eggs had hatched. The young turtles were released in Cape Sable.

The bird roost in Chokoloskee Bay is doing very well. An estimated 14,000 birds are using the roost. A well formed roost was located at the mouth of the Chatham River with an estimated 25,000 birds. These are birds which used Duck Rock before Hurricane Donna and were on Buzzard Key two years ago; they were on the main land shore in back of Buzzard Key last year.

Water hyacinth invasion is still a problem in the Tamiami Sub-district. This is very true with the Shark Valley Loop Road Canal and its connection with the old Trail Canal. Hyacinth is increasing in the old culverts along the old Trail. If and when a high water year occurs, it will surely find its way into the Shark Valley where it will rapidly multiply. It is capable of increasing 23-fold in one year.

Willow increase is another vegetational change which is very evident in the Tamiami Sub-district. Willow sprouts from seed are appearing along the Shark Valley Loop Road in open glades areas where it has never occurred before. This is probably the result of our dry period since the willow seed requires a moist soil and will not sprout in open water. This indicates a profound ecological change from a hydric situation to a more mesic condition. Once the willow is established the succession is speeded up tremendously. If this continues, many areas of the open glades will become willow heads.

Research and Development: Ranger personnel escorted Mr. Kennedy(from the Fla. Atlantic University) on a field trip to Mormon Key to excavate a site where whole pots were found in the ground. While "pieces" of the Indian pots were found heretofore, it was interesting to unearth whole pots at that site.

Protection: Two thefts were reported by the Everglades Park Company employees during the month - one of $180 cash and the other of minor personal items. No progress was made on the theft of the cash and the employees involved in the other case declined to sign a complaint.

Several stone crab traps were discovered set within the Park and confiscated, while about 40 traps were found stockpiled on the bank of Big Sable Creek. The owner of these traps was requested to remove them.

A widespread illegal fishing operation using set lines in East Cape and Middle Cape Canals and Tarpon Creek was discovered. These lines were set primarily for jewfish and it is believed that catches have been heavy. Patrols to check on this have been stepped up.

Efforts to control speeding boats in the Flamingo basin and Tarpon Creek areas were intensified after several complaints were received. To date, only verbal warnings have been made to offenders.

Channels leading into Snake Bight and East Cape Canal were re-marked and markers were prepared for installation in other channels.

The Park plane, along with Coast Guard aircraft, spent several days searching the Florida Bay area for a light plane reported overdue between Key West and Miami. Ranger personnel conducted one boat rescue during the month and aided in another involving a houseboat which went aground near Crocodile Dragover.

Five glades buggy permits were issued during the month.

Tow and one-third miles of Park boundary near the missile site in the Hole-in-the-Donut were marked by Ranger personnel. "No hunting" signs were posted one mile along Long Pine Key Road on the newly acquired land. The Iori farm buildings were posted with "FBI warning" signs.

Patrol mileage for the month is as follows:

| | |
|---|---|
| Aircraft | 10,000 |
| Motor vehicle | 10,943 |
| Weasel | 30 |
| Boat | 2,410 |
| Airboat | 34 |
| TOTAL | 23,417 |

Forest Fire Protection: Three burning permits were issued during the month.

One fire occurred during the month (Evening Lightning Fire on July 16) which burned 9 acres of land within the Park.

Four wells, 12" in diameter and 22 feet deep, were drilled during the month. Two in the Royal Palm Visitor Center area to provide protection from glades fires entering the hammock, one located at the Pine Island airstrip for use by airplane tankers, and the other by the Fire Cache for building fire protection and training.

Maintenance: A primitive camp site was established on Nest Key during the month. A new carburetor was installed in the Mikonopi at the Gulf Coast District.

Concessioners: Everglades Park Company began planting shrubbery and trees around the new motel units and cottages.

## Resource Planning

Cooperation with other Federal, State and Local Agencies:

Ranger personnel demonstrated the Trackmaster to representatives of the Florida Forest Service and Metropolitan Fire Department.

Ranger personnel assisted Staff Engineer William J. Schneider, Water Resource Division, USGS, Washington, D.C., by cutting two pine trees for ring study.

Ranger personnel assisted Mr. Don Eliason and Mr. D. B. Lieux, US Public Health Service, in trying to locate larvae from the mosquito Aedes Aegypti. The residences in Pine Island, the dump, and old Iori buildings failed to produce any larvae. This mosquito carries yellow fever.

The Singer Corp. Infra-red Research Team completed the fourth phase of the work at Palma Vista Hammock #2.

The artesian well drilled by the USGS at Royal Palm came in with 1,000 gallons a minute at a depth of 1,333 feet on the 2nd of the month.

Battery C completed their move of the Nike Missile Site into the Hole-in-the-Donut on the 2d of the month.

USGS personnel were taken to P-33 gauging station where a staff gauge which can be read from the air was installed.

## Design and Construction

New Construction: The utility area at Flamingo was paved with hot tar and gravel during the month. An inspection of the grass seeding of the new campgrounds showed a satisfactory growth of grass in only a very few places, despite favorable rains during the month. The general appearance is still one of desolation.

Ralph D. Maxwell

Enclosure
List of Visitors

Prepared by GTREUSCH;gt

# Memorandum

List of visitors:

Mr. Otis Imboden, photographer, National Geographic, Washington, D.C.
Mr. Archie Jones, Collaborator on snail research work, Miami, Fla.
Mr. Curtis Jensen, FBI agent, Homestead, Fla.
Mr. William J. Schneider, Staff engineer, Water Resources Div,USGS,Washington,DC
Dr. Spackman, Penn. State University
Mr. John O'Riley, writer, NY Times and Sports Illustrated, New York, N.Y.
Mr. Don Eliason, Field Investigator, Iradication Program, US Public Health Service, Miami, Fla.
Dr. Telferd Work, Virology Section, Communicable Disease Center, US Public Service, Atlanta, Ga.
Mr. D. B. Lieux, Regional Entomologist, US Public Health Service, Miami, Fla.
Mr. J. J. Keen, County Ranger, Florida Forest Service, Princeton, Fla.
Captain Radford, Metropolitan Fire Department
Mr. Gibson Johnson, US Public Health Service, Atlanta, Ga.
Dr. George Sudia, US Public Health Service, Atlanta, Ga.
Mr. William A. Grant, Assistant to Congressman Leo B. O'Brien
Mr. Ivan Fritz, Dade County Civil Defense
Mr. Hal Williams, Dade County Civil Defense
Mr. H. K. Mikell, Chief fire control, Fla. Forest Service, Tallahassee, Fla.
Mr. H. C. Peoples, Asst. Fire Chief, Fla. Forest Service, Tallahassee, Fla.
Mr. R. C. Hill, District Forester, Fla. Forest Service, Tice, Florida

Mr. William J. Kennedy, Dept. of Anthropology, Fla. Atlantic Univ.,Boca Raton,Fla.

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27
5010-107

UNITED STATES GOVERNMENT

# *Memorandum*

: Chief Rangers Office DATE: August 3, 1965

M : Mangrove District

JECT: District Monthly Report July 1965

## General

Weather Conditions: July was a warm month, but southeasterly breezes kept temperatures below normal in Flamingo, the coolest spot in the Park. Rainfall was spotty through the first two-thirds of the month, but thunderstorms of varying intensity zeroed in on Flamingo late in the month and left rain on 11 of the last 14 days. Precipitation for the year is still far below normal but at least some fresh water is now available for vegetation and wildlife, including mosquitoes. Statistics on July's weather are as follows:

| July | 1965 | Normal |
|---|---|---|
| Maximum | 90 | -- |
| Minimum | 69 | -- |
| Mean Maximum | 87.9 | 89.0 |
| Mean Minimum | 72.4 | 73.7 |
| Precipitation for Month | 3.77" | 6.68" |
| Precipitation for Year | 16.31" | 25.60" |

Increase or Decrease in Travel: Visitation at Flamingo showed a marked increase over July of 1964. Entry by boat was up 11.5%, Motel up 40.6%, and total visitor days was up 21.2%.

Visitors:

7/6 Mr. Gibson Johnston, US Public Health Service
7/6 Dr. George Sudia, US Public Health Service
7/8 Mr. William A. Grant, assistant to Congressman Leo B. O'Brien
7/9 Dr. Telbert Work, US Public Health Service
7/11 Mr. William Schirra, US Coast and Geodetic Survey
7/12 Mr. Otis Imboden, National Geographic Society
7/14 Mr. Ivan Fritz, Dade Co. Civel Defense
7/14 Mr. Hal Williams, Dade Co. Civil Defense
7/29 Dr. William Spackman, Penn. State U.

Special Activities: An inspection of all quarters at Flamingo was made on the 12th to determine what maintenance problems are in need of attention. On the 16th a meeting was held with all residents to discuss problems relative to the new system of quarters charges to be put into effect.

The radiological monitoring equipment kept at Flamingo was inspected on the 14th by personnel from the Dade Co. Civil Defense organization.

Miscellaneous: A traditional Flamingo fish fry was held at the maintenance area on the 19th for transferring Maintenance Forman Graham Liles and his family.

## Conservation, Interpretation and Use

Research and Observations: A single Flamingo was seen on the 2nd on the Dave Foy Bank near Palm Key. This is the first sighting here of this area's namesake in about a year.

Precipitation and temperature records for the last 15 years in the Flamingo area were compiled andaveraged to allow easy comparison with current weather statistics.

Ranger Max Holden was accompanied by Dr. Frank Craighead and Otis Imboden on an overnight trip to Cape Sable to observe sea turtle nesting. However the nesting season was apparently too far advanced, since no observations were made.

One of the two cluthes of turtle eggs transplanted in May from Cape Sable to Flamingo by Ranger Holden began hatching on the 29th. By the end of the month, 54 of the 124 eggs in the nest had hatched. The young turtles were transported to Cape Sable by boat for release.

Protection: Two thefts were reported by E.P.C. employees during the month, one of $180 in cash and the other of minor personal items. No progress was made on the theft of the cash and the employees involved in the other case declined to sign a complaint.

Several stone crab traps were discovered set within the Park and confiscated, while about 40 traps were found stockpiled on the bank of Big Sable Creek. The owner of these traps, Gilbert Johnson of Islamorada, was requested to remove them, but had not done so after two weeks had passed. A second request was made late in the month.

A widespread illegal fishing operation using set lines in East Cape and Middle Cape Canals and Tarpon Creek was discovered. These lines were set primarily for jewfish and it is believed that catches have been heavy. Patrols to check on this have been stepped up.

Efforts to control speeding of boats in the Flamingo basin and Tarpon Creek areas were intensified after several complaints. To date only verbal warnings have been made to offenders.

Several patrols of the Florida Bay Sub District were made by Ranger Holden. A shelter within the park discovered last month south of Baker Cut was removed to the Key Large Ranger Station.

The Park plane, along with Coast Guard aircraft, spent several days searching the Florida Bay area for a light plane reported overdue between Key West and Miami. District personnel conducted one boat rescue during the month and aided in another involving a houseboat which went aground near Crocidile Dragover.

Channels leading into Snake Bight and East cape Canal were remarked and markers were prepared for installation in other channels.

On the morning of the 26th numerous bloodstains and paper ashes were found in a room of the motel. No explanation was apparent and the investigation was turned over to the FBI.

Patrol Mileage: Vehicle 2,192 Boat 1,430

Maintenance: The litter left by campers at Nest Key was cleaned up and a primitive campsite was established there on July 20th. The campsite at Graveyard Creek was also cleaned up during the month.

Concessioners: Everglades Park Company began planting shrubbery and trees around the new motel units and cottages on the 27th.

## Design and Construction

New Construction: The utility area at Flamingo was paved with hot tar and gravel during the month. An inspection of the grass seeding of the new campgrounds showed a satisfortory growth of grass in only a very few places, despite favorable rains during the month. The general appearance is still one of desolation.

Robert E. Benton

Robert E. Benton
Cape Sable Sub. District Ranger

cc: District Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Everglades National Park

IN REPLY REFER TO:

August 3,1965



Memorandum:

To: Chief Ranger

From: District Ranger Stokes

Subject: Monthly Narrative Report, Gul Coast District, July 1965

## General

### Weather

Good rainfall was recorded for the month with 8.58" falling on 21 days of the month. This was below last year with 9.25" falling on 13 days. Other weather abou' normanl with a Max Temp. of 92° and a mean max. of 89.9°. Min. Temp. was 69° with a mean min. of 71.5°.

### Travel

Travel was down 10% for the month. 6217 total for the month as compared to 6952 for the same month last year. Mosquitos and lack of commercial fishing were the causes of this drop.

### Visitors

Red Martson - Outdoor editor - St Petersburg Times - St. Petersburg, Fla.

### Special Activities

Met Jack Deweese and a piolet in Houston Bay and took them to see some of the property which is being considered for trade

## Administration

### Personnel

Kenneth O. Morgan, Jr. Annual leave July 1, July 16

## Intrepretive Activities

### Research and Development

Took Mr. Kennedy of Boca Raton, Fla. Atlantic Univ. on a field trip to Mormon Key to excavate site where I had found whole pots.

Observations

Bird roost in Chokoloskee Bay is doing well. An estimated 14,000 birds are now using roost.

There is a roost now well formed in the mouth of Chatham River. An estimated 25,000 birds are now using this roost. These are birds which used Duck Rock before Donna and were on Buzzard Key 2 years ago and on the main land shore in back of Buzzard Key last year. The roost is right along the main channel in the River.

Still not found are the birds that roosted in the mouth of Lostman's River last year. There was a large roost in the s. mouth of the river, but are no birds in the area this year.

## Operations

Ranger Services

980 miles boat patrol 212 miles auto patrol

21 commercial boats checked.

29 private boats checked

3 new commercial permits issued (132 total Gulf Coast)

1 boat rescue.

Ranger activities were curtailed during July as we are one ranger short and one ranger was on leave over half the month which meant only one man on.

Several patrols were made to back country areas. No sign of gator poaching observed. Also no gators observed. Bird rookeries were watched frequently at night. No reports of disturbances have been received.

Two verbal warnings were given to commercial fisherman to get permits.

Maintenance

Routing maintenance was performed on boats and motors. Maintenance was over one day to put new carburetor on Mikonopi.

Concessions.

At last sight seeing boat tour travel reached last years level. But 121 of these were on evening bird roost trip for a total of 807 as compared to 802 total last year. Travel is still not what it should be during this month. It went down in July of last year and has not come back.

Note: 25 states & 2 foreign countries were represented on trip.

Respectfully submitted
Richard A. Stokes

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Everglades National Park

IN REPLY REFER TO:

August 3, 1965

Memorandum:

To: Chief Ranger

From: District Ranger Stokes

Subject: Monthly Public Use Report, Gulf Coast District, July 1965

Total Visits 6217

1. Persons in office 31

2. Persons on boat tours 807

3. Persons entering Park by boat 5410

2g. Other Overnight 341

4b. Special Use Data 5069 persons entering Park by boat

4c. Special Use Data 2119 boats entering Park waters

Respectfully submitted
Richard A. Stokes
Richard A. Stokes

ENP P-132/60
Rev. 1/65

EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 279
HOMESTEAD, FLORIDA

MONTHLY BOAT TOUR REPORT

TRIP Mangrove Wilderness MONTH July 1965

| DATE | NO. TRIPS | ADULTS | CHILDREN | FREE | TOTAL |
|---|---|---|---|---|---|
| 1 | 2 | 10 | 3 | | 13 |
| 2 | 4 | 22 | 6 | 5 | 33 |
| 3 | 4 | 19 | 4 | 5 | 28 |
| 4 | 3 | 10 | 5 | | 15 |
| 5 | 5 | 22 | 6 | 4 | 32 |
| 6 | 5 | 20 | 7 | 5 | 32 |
| 7 | 5 | 30 | 9 | | 39 |
| 8 | 4 | 21 | 5 | | 26 |
| 9 | 4 | 25 | 6 | | 31 |
| 10 | 3 | 8 | 4 | 3 | 15 |
| 11 | 4 | 12 | 5 | 4 | 21 |
| 12 | 5 | 23 | 10 | 6 | 39 |
| 13 | 4 | 20 | 7 | 6 | 33 |
| 14 | 3 | 10 | 4 | | 14 |
| 15 | 3 | 15 | 3 | 4 | 22 |
| 16 | 3 | 12 | 5 | 3 | 20 |
| 17 | 3 | 13 | 4 | | 17 |
| 18 | 4 | 15 | 6 | | 24 |
| 19 | 3 | 12 | 3 | | 15 |
| 20 | 2 | 9 | 3 | | 12 |
| 21 | 3 | 12 | 4 | 3 | 24 |
| 22 | 4 | 20 | 4 | 5 | 29 |
| 23 | 3 | 12 | 4 | 2 | 18 |
| 24 | 2 | 8 | 4 | | 12 |
| 25 | 4 | 18 | 4 | 7 | 29 |
| 26 | 2 | 8 | 1 | 2 | 11 |
| 27 | 3 | 15 | 5 | 3 | 23 |
| 28 | 3 | 19 | 6 | | 25 |
| 29 | 2 | 10 | 2 | | 12 |
| 30 | 1 | 4 | 2 | | 6 |
| 31 | 3 | 16 | 3 | 2 | 21 |
| | | | | | |
| TOTAL | 103 | 475 | 142 | 69 | 686 |

Submitted by: Paula Hamilton

ENP P-132/60
Rev. 1/65

EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 279
HOMESTEAD, FLORIDA

MONTHLY BOAT TOUR REPORT

TRIP Chokoloskee Bird Rookery MONTH July 1965

| DATE | NO. TRIPS | ADULTS | CHILDREN | FREE | TOTAL |
|---|---|---|---|---|---|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | 1 | 4 | | | 4 |
| 13 | 1 | 9 | 1 | | 10 |
| 14 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | 1 | 7 | 2 | 1 | 10 |
| 18 | 1 | 5 | 3 | | 8 |
| 19 | 1 | 9 | 1 | | 10 |
| 20 | 1 | 8 | | | 8 |
| 21 | 1 | 6 | 1 | | 7 |
| 22 | 1 | 8 | 2 | | 10 |
| 23 | 1 | 4 | 6 | | 10 |
| 24 | 1 | 3 | | | 3 |
| 25 | — | — | | | |
| 26 | 1 | 6 | | | 6 |
| 27 | 1 | 5 | | | 5 |
| 28 | 1 | 5 | | | 5 |
| 29 | 1 | 6 | | | 7 |
| 30 | 1 | 2 | 2 | 7 | 11 |
| 31 | 1 | 7 | | | |
| | | | | | |
| TOTAL | 15 | 94 | 19 | 8 | 121 |

Submitted by: Paula Hamilton

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 279
HOMESTEAD, FLORIDA 33030

IN REPLY REFER TO:
A2615

September 13, 1965

Memorandum

To: Superintendent, Everglades

From: Chief Park Ranger

Subject: Monthly Narrative Report - Division of Resource Management and Visitor Protection - August 1965

Weather Conditions: August was a very warm month with average temperatures for this time of year. For the most part temperatures were in the high 80's with a maximum of 95° recorded at Tamiami. The drought conditions prevailed throughout the Park during the month with the Taylor Slough Gauge reading 2.19' as compared to 3.09' last August.

Following is a weather summary for the Park:

| Station | Max Temp | Mean Max | Min Temp | Mean Min | Rainfall |
|---|---|---|---|---|---|
| Royal Palm | 93° | 91.3° | 67° | 71.4° | 4.75" |
| Tamiami | 95° | 92.3° | 72° | 74.2° | 7.78" |
| Flamingo | 90° | 89.3° | 70° | 73.2° | 2.52" |
| Everglades | 94° | 91.1° | 72° | 74.16° | 5.05" |

Increase or Decrease in travel: Travel continued its upward trend with an increase of 25% over August of last year or a 30% increase for the year to date. There was a slight increase in campers in the Long Pine Key Campground, however the heat and mosquitos resulted in a decrease in campers at the Flamingo campground. Camping for the year, however, shows a 13% increase for a like period last year.

Visitors: Visitors from every state, except Alaska, New Mexico, Oregon, Utah, and Vermont, signed the visitor register at Royal Palm during August. Also represented were six Canadian provinces, Alberta, Manitoba, Newfoundland, Ontario, Prince Edward Island, Quebec; one U. S. Territory (Puerto Rico); and the following foreign countries: Australia, Poland, Spain, Trinidad, Jamaica, Netherlands, Panama, Austria, Ghana, Sweden, England, Scotland, Venezuela, Brazil, Italy, France, Japan, New Zealand, Denmark, Germany, Hungary, Belgium, Argentina, Ireland, Bahamas, Guatemala, Columbia, Denmark, Uganda, and Switzerland.

List of visitors is attached.

Special Activities:

The Royal Palm Subdistrict Ranger, accompanied by Assistant Supt. Burroughs and Mr. Charles Steen (Southwest Regional Archeologist) travelled to Everglades City, then by boat to Sand Fly Island, where they stabilized the vertical face of a shell mound.

During the month a Class A Permit to collect grass samples along the old road to Royal Palm was issued to Miss Ann Bellenger of the University of Miami. She is assisting Dr. Clyde W. Porter in a study of vascular plants.

Ranger Chamberlaine, Tamiami subdistrict, was on special assignment at St. Augustine, Castillo de San Marco, for the 400th Anniversary celebration and commemorative stamp presentation. Rangers Benham, Carlson, Christensen, and McKinney were also on this special assignment to assist in crowd control.

Ranger Benton was called upon to testify in a civil court case in Erie, Pa., during the month. The case involved an insurance claim on an accident which occurred in the Park some time ago.

## Administration

Personnel: Chief Ranger Robert I. Kerr reported for duty during the month.

At the beginning of August, Operation "Protection" went into effect. Four teams with two men on each team were given certain areas to patrol. These teams patrol and investigate suspected gator poaching waters. Each team maintains a daily log which is turned in weekly to the Chief Ranger. Team 1 consists of Gene Saunders (Park Hq janitor) and a newly assigned Seasonal Park Ranger, Stephen Marsh. Team 1 patrols the waters of northern and eastern Florida Bay. Team 2 is headed up by Ranger Markette and assisted by George Cowles, a Seasonal Park Ranger hired for a temporary 2-month period. This team works out of Flamingo in the "Arpeika" and a skiff patrolling the headwaters of the back country area. Team 3 is led by Ranger Morgan and assisted by a newly hired Seasonal Park Ranger, Ben Cohen. Team 4 is comprised of Seasonal Park Ranger James Denslow, who was reassigned from the Naturalist Division. His assistant is Seasonal Ranger Lee Dillon.

Park Ranger Richard Hougham reported for duty with the Gulf Coast District during the month of August.

## Conservation, Interpretation and Use

Research and Observations: The bird roost which formed in the mouth of the Chatham River had disbanded, probably due to boat traffic as the roost was beside the main river channel and all boats entering the channel passed within a few feet of the roost.

A large roost formed on Rock Hole Key, located 3/4 mile SE of Turtle Key. It is estimated that the roost contains 30,000 to 40,000 birds.

The roost in Chokoloskee Bay is doing well. Large numbers of spoonbills were observed in the area around Turkey Key and south.

A portion of the second clutch of loggerhead turtle eggs, transplanted from Cape Sable, hatched at Flamingo during the month. Sixty-two turtles hatched and were released at the Cape. (Pictures attached)

On the 30th, two separate sightings of a marsh hawk, a winter bird in the Park, were made at Flamingo. Other migratory birds became common late in the month as the fall migration began.

Dr. William Spackman and his associates from Pennsylvania State University continued their research on organic sediments in the Park throughout August.

Research and Developments: Ranger Stokes met with Mr. Kennedy of the Florida Atlantic University during the month to discuss Indian mounds.

Protection: A break-in theft occurred at the Gulf Coast District boat basin on the night of August 1. Window glass was broken and persons entered the metal building at the boat dock and took three outboard tanks of gasoline and a tool box with tools valued about $150. FBI investigated with negative results. The case was turned over to the local sheriff's office.

The larger part of ranger activities was concerned with Operation "Protection". This operation is going well and is achieving its purpose. During the patrols, 94 stone crab traps were removed from Park waters and destroyed. These traps were in the waters after season had closed. Odolph Stokes was arrested for running without lights, improper registration, and no safety equipment. He was bound over to Federal Court. Team 3 of Operation "Protection" patrolled 1,060 miles of water and checked 31 boats with one arrest made.

On August 1, a concerted and well-publicized effort was begun to reduce litter problems in the Park. Trash bags were distributed and signs posted in appropriate places.

Channel markings in the western part of Florida Bay were completed during August. All frequently used channels in this area are now prominently marked. A U. S. Coast Guard boarding team inspected private boats in the Flamingo area on one weekend during the month.

Semi-permanent ties were established in the upper Roberts River for use by the "Arpeika" during hurricanes. This will result in important saving of time during hurricane preparations.

Set lines continue to turn up at widely separated located in the Mangrove District. One warning citation was issued to a person found setting out such lines in the Cape Sable area.

Mangrove District personnel met with the Chief Ranger during the month to establish policy guidelines to be followed regarding management of the campground for the forthcoming season.

Boat patrols were made to all areas of the Mangrove District for orientation, public contact, and checks of commercial fishermen. (pictures attached).

During August, three vehicle accidents occurred on the main Park road. Each of these involved damage to Government property. On August 7, an unknown vehicle ran over the "Keep Right Sign" and traffic counter at the east end of the Entrance Station Traffic island. On August 17, while on night patrol, Ranger Carlson observed a car resting on a roadside culvert. The auto had left the road, travelled 400 feet on the shoulder, knocked down a "45 MPH" sign and came to a rest when the right front wheel dropped into the culvert. The operator stated that he had been drinking and fell asleep. He was turned over to Captain Krump of "A" Battery, 2nd Missile Batallion, for disciplinary action. The operator of the vehicle is attached to the Missile Base in the "Hole-in-the-Donut".

On August 26, an auto accident occurred on Taylor Slough Bridge. The operator fell asleep while driving east on the main Park road and struck the northwest end of the bridge, bounced off, skidded 75 feet and struck the south central section of the bridge. Two passengers were taken to James Archer Smith Hospital for examinations, but only suffered minor bruises. Damage to the auto was estimated at $1200, and damage to the bridge was approximately $300.00. A warning citation was issued to the operator.

Ranger McKinney issued a citation to Mr. Ronald Chervinski of Homestea d, Fla., on the night of August 22. Mr. Chervinski was driving in excess of 100 MPH. After parsuit of 20 miles at over 100 MPH, the auto was stopped by Rangers Benton, Cook and Holden at a road block. At a Commissioner's hearing, the operator was fined $250 and the fine was suspended. The operator was ordered to surrender his drivers license to the Park Dispatcher each weekend for four weekends.

Glades District personnel participated in "Operation Cleanup". Boy Scout Troop 445 of Homestead participated in the program by passing out litter bags at the Entrance Station and urging Park visitors to pick up litter.

During the month, Glades District personnel attended a meeting with Captain Krump of the 52d Missile Batallion, Battery "A" in the Hole-in-Donut. Rangers Maxwell, Miele, Carlson and McKinney attended to discuss violation of Park regulations by servicemen. Captain Krump requested that violators from the Missile Base be turned over to him for disciplinary action.

A stray bulldog was turned over to Ranger McKinney by a Park visitor. The dog was found on the Park road near Paurotis Pond and later taken to Southland Pet Clinic where it was hoped a new home would be found for the dog.

During the month, Ranger Benham and Shop Foreman Bob Lewis went to the Airboat Association for trial and acceptance of the new airboat built by Mr. Taylor.

Three persons were found on the Shark Valley Loop Road with loaded firearms in their vehicle. They were taken before the US Commissioner, pleaded guilty, their guns confiscated, and a $10 fine suspended.

On August 11, Ranger Carlson and Herbert Wysong disposed of 50 lbs of parathion insecticide. Following instructions of the County agent, it was mixed with water which rapidly breaks down the poison.

One airboat permit was issued and eight commercial operations permits issued during the month of August.

Patrol mileage for the month is as follows:

| | |
|---|---|
| Aircraft | 7700 |
| Airboat | 352 |
| Vehicle | 15787 |
| Weasel | 40 |
| Boat | 3655 |

Maintenance: Quarters #17 was painted on the interior by a local contractor. Supervision and contracting contact was accomplished by ranger personnel. The boat hoist was cleaned, primed and painted under the same deal.

Forest Fire Protection: Two burning permits were issued during the month.

On August 3, a meeting was held to discuss plans for fire protection of the Missile site in the Hole-in-the-Donut. In attendance were: Ranger Carlson, Supt. Joseph, Assist. Chief Ranger Maxwell, Captain Radford of Metro, Jim Keen, County Forester of the Florida Forest Service, and Major Alford of Homestead AFB.

Several shipments of new fire equipment, mostly hand tools and fire extinguishers, were processed and issued to other districts during the month.

Two fires were suppressed by district personnel during the month, one of which was an escape control burn. The Strano Escape fire occurred on August 12 and burned 8 acres outside of the Park; the Power Line fire occurred on August 29 in the Taylor Slough area and burned 3 acres within the Park. This fire started when a rotted power line pole fell into the sawgrass just south of the Old Ingraham Road on the back way to the Anhinga Trail.

Building Fire Protection: Rangers Carlson and McKinney operated the building fire Truck to further familiarize themselves with its use. Most of the training session was in the operation of the pump.

Several of the new fire extinguishers purchased with end-of-year funds were checked out to other ranger districts where there was a need for them.

Concessioners: Landscaping of the area around the motel and cottages at Flamingo was completed during the month of August. Many mature plam trees, as well as smaller plants, were planted in this area, breaking the barren appearance of the new buildings.

## Resource Planning

Boundary Adjustments: Rangers Carlson and McKinney removed the old Park boundary signs along the north and east sides of the former Iori property located north of the Long Pine Key road. The need for these signs no longer exists as this area was taken over by the Park recently from the FHA. The newly established Park boundary is in the process of being posted.

Cooperation with other Federal, State or Local Agencies: Pictures were taken of the different types of fire equipment used on glades fires. The pictures will be labeled and specifications listed, and then will be sent to the NPS Ranger school at Grand Canyon. A duplicate set of pictures is being prepared for the Metro Fire Department so they will be completely familiar with the equipment we use.

Ranger McKinney spent a half day with Mr. Walter Dineen, Fisheries Biologist, Florida State Game and Fresh Water Fish Department. Mr. Dineen was interested in our alligator banding project and also the argillus parasitic condition which existed at Royal Palm earlier in the summer.

Mr. C. A. Hoffman and Mr. W. J. Kennedy, Department of Anthropology, Florida Atlantic University, were in the district during the month, in connection with an archeological base map they are working on. Ranger McKinney gave them a cross section of a mature Caribbean Pine which they expect to use for dating purposes.

USGS Agent Hull was taken into Conservation Area #3 by Tamiami Subdistrict personnel to remove steel pipes from the glades. They were considered airboat hazards and had been put there by the Barnette Spero Oil Co.

The U. S. Weather Bureau installed a 200 knot wind speed indicator at the Tamiami subdistrict.

## Design and Construction

New Construction: An attempt was made by the contractor to increase the amount of grass sprouting in the new campground at Flamingo by lightly scarifying the packed ground. So far the effort has had no success and the growth of grass is very scanty.

Robert I. Kerr

Enclosure
List of Visitors

Visitors to the Park during the month of August:

Major Alford, Battalion Adjutant, Homestead AFB, Homestead, Fla.
Miss Ann Bellenger, University of Miami, Fla. (collecting grass samples)
Mr. Charles A. Hoffman and Mr. W. J. Kennedy, Anthropology Dept., Florida Atlantic University, Boca Raton, Fla.
Mr. S. C. Middleton, Materials Engineer, Div. of Testing, Fla. State Road Department, Tallahassee, Fla.
Mr. Walter Dineen, Fisheries Biologist, Fla. State Game and Fresh Water Fish Dept.
Mr. Lewis S. Flagg, Assoc. Solicitor, Interior Bldg., Washington, D.C.
Mr. Charles Steen, Southwest Region archeologist, N. Mexico
Col Vivian, Commander of Base Hospital, Colonel Zubkoff, Executive Officer, Captain Clements, Supply Officer, Homestead AF Base, Fla.
Mr. Tom Roberts, writer for National Observer (Dow-Jones), Washington, D.C.
Mr. Ridgell, former Supt. of House of Representatives building, Washington, D.C.
Mr. Erland Juntenen, Fish & Wildlife Service, Vero Beach, Fla.
Mr. Leslie Fugedy, EODC engineer, Pa.
Mr. Waring Mikell, Ch. of Operations, SE Region, Richmond, Va.

#1. Loggerhead turtles hatched at Flamingo.

#2. Young loggerhead turtles.


#3. Many public contacts were made at Nest Keys during August.

#4. Weekend campers and fishermen at Nest Keys.

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27
5010-107

UNITED STATES GOVERNMENT

# Memorandum

:Chief Park Ranger

DATE: Sept. 3, 1965

1 :Mangrove District Ranger

ECT: Monthly Narrative Report for August, 1965

## General

Weather Conditions: The drought conditions which have gripped the Everglades for over a year now prevailed through August. Not since June of 1964 has an appreciable amount of rain fallen at Flamingo. This year's rainfall deficit to date is 12.55 inches, 40% below the normal level. Temperatures remained slightly below normal during the month with maximums of either 88°, 89°, or 90° every day, remarkably even weather. Statistics were as follows:

| August | 1965 | Normal |
|---|---|---|
| Maximum | 90° | -- |
| Minimum | 70° | -- |
| Mean Maximum | 89.3° | 90.2° |
| Mean Minimum | 73.2° | 74.2° |
| Precipitation for the Month | 2.52" | 5.96" |
| Precipitation for the Year | 18.83" | 31.38" |

Increase or Decrease in Travel: Without a holiday during the month to boost travel, August visitation was well below that of July, but travel continued to increase over last year. Total visits were up 10% and visitor days up 12%. However, heat and mosquitoes combined to keep away campers and drop that category of visitation by nearly 25%. Seldom could more than eight or ten parties be found in the campground and even for these one or two days was the limit of endurance.

Visitors:
8/3 Mr. Lewis Flag, Solicitor's Office, Department of the Interior
8/16 Mr. Ridgell, Superintendent, House of Representatives Bldg, Wash., D.C.
8/17 Mr. Erland Juntenan, U.S. Fish and Wildlife Service

Special Activities: Ranger Robert Benton was called to testify in a civil court case in Erie, Pennsylvania on the 20th. The case involved an insurance claim on an accident which occurred in the park some time ago.

Ranger Carl Christensen was one of five rangers from the park sent to Castillo de San Marcos National Monument on the 28th to assist in crowd control during celebration of St. Augustine's 400th anniversary.

## Conservation, Interpretation and Use

Research and Observations: A portion of the second clutch of loggerhead turtle eggs transplanted from Cape Sable hatched at Flamingo on the 7th. Sixty-two turtles hatched and were released at the Cape. (See attached pictures 1 and 2.)

Ranger Max Holden completed a map to be used in the forthcoming report by Dr. Frank Craighead on water flow in the southeastern section of the park.

On the 30th two separate sightings of a marsh hawk, a winter bird in the park, were made at Flamingo. Other migratory birds became common late in the month as the fall migration began.

Dr. William Spackman and his associates from Pennsylvania State University continued their research on organic sediments in this section of the park throughout August.

Protection: On August 1st a concerted and well-publicized effort was begun to reduce litter problems in the park. Trash bags were distributed and signs posted in appropriate places.

Channel marking in the western part of Florida Bay was completed during August. All frequently used channels in this area are now prominently marked. A U.S. Coast Guard boarding team inspected private boats in the Flamingo area over one weekend during the month. Semi-permanent ties were established in the upper Roberts River for use by the "Arpieka" during hurricanes. This will result in important saving of time during hurricane preparations.

Set lines continue to turn up at widely separated locations in the district. One warning citation was issued to a person found setting out such lines in the Cape Sable area. Two court cases from the district were heard by the Commissioner during the month; both defendents were found guilty and received suspended sentances.

District personnel worked on policy guidelines to be followed regarding management of the campground in the coming season.

Many days were spent by district personnel in field work during the month. Boat patrols were made to all areas of the district for orientation, public contact, and checks of commercial fishermen. (See attached pictures 3 and 4.)

Patrol mileage for the month: Vehicle 2677; Boat 2485.

Concessioners: Landscaping of the area around the motel and cottages was completed in August. A large number of mature palm trees, as well as smaller plants, was planted in this area, breaking the barren appearance of the new buildings.

## Design and Construction

New Construction: An attempt was made by the contractor to increase the amount of grass sprouting in the new campground areas by lightly scarifying the packed ground. So far the effort has had no success and the growth of grass is very scanty.

Robert E. Cook

Robert E. Cook
District Ranger

cc: District files

Pictures attached to memo from CRO to Supt 9/13/65

BK 9/10

Everglades, Florida
September 2, 1965

Monthly Narrative and Public Use Report
Gulf Coast District
August
1965

District Ranger - Richard A. Stokes
Park Ranger - Kenneth O. Morgan, Jr.
Park Ranger - Richard Houghman

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Everglades National Park

IN REPLY REFER TO:

September 2, 1965

Memorandum

To: Chief Ranger

From: District Ranger Stokes

Subject: Monthly Public Use Report Gulf Coast District, August, 1965

Total Vist/s 5283

1. Persons in office 25
2. Persons on boat tours 514
3. Persons entering Park by boat 4769

Line 2g other overnight 197

4b special use data 4572 persons entering park by boat

4c special use data 1609 boats entering park waters

Respectfully submitted
Richard A. Stokes
Richard A. Stokes

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Everglades, Florida

IN REPLY REFER TO:

September 3, 1965

Memorandum:

To: Chief Ranger

From: District Ranger Gulf Coast District

Subject: Monthly Narrative Report, Gulf Coast District, August, 1965

## General

### Weather

Again rain fell on many days, but total rainfall was only 5.05" falling on 20 days. Max temp. 94° Mean Max. 91.1° Min. Temp. 72° Mean Min. 74.16°.

### Travel

Travel was up slightly over 1964 due to heavy commercial fishing traffic and good sports fishing. 5283 was the total for an increase of 7%

## ADMINISTRATION

### Personnel

Seasonal Ranger Steve Marsh reported for duty 8/3/65 and was transferred back to Homestead on 8/8/65.

Seasonal Ranger Ben Cohen reported for duty 8/9/65.

Park Ranger Richard Hougham reported for duty on 8/29/65

District Ranger Stokes annual leave 8/7 - 8/30

## INTREPRETIVE ACTIVITIES

### Research and Developments

District Ranger Stokes met with Mr. Kennedy of F.A.U. on 8/5 to discuss Indian mounds.

Observations

Bird roost which formed in mouth of Chatham River has disbanded probably due to boat traffic as roost was beside main river channel and all boats entering channel passed within a few feet of roost.

A large roost has formed on Rock-Hole Key. This key is located 3/4 mile SE of Turtle Key. 30,000 to 40,000 birds are estimated.

Roost in Chokoloskee bay is doing well. Large numbers of sppon bills are being observed in area around Turkey Key and south.

## Operations

Protedtion and Ranger Service

1170 - boat patrol 150 - auto patrol

15 non-commercial boats checked 16 commercial boats checked

1 - boat inspected for permit

1 - search made for party to deliver death message. Party located and message delivered.

A break-in and theft occured at our boat basin on the night of Aug.1, 1965. Persons broke out window glass and entered metal building at boat dock and took three out board tanks of gasoline and a tool box with tools, total value about $150. FBI investigated and came up with nothing. They turned the case over to local sheriffs office.

The larger part of ranger activities for the month was on OPERATION PROTECTION. Ranger Morgan and a seasonal ranger formed the team. Of patrol mailage they patrolled 1060 miles and checked 31 boats and made one arrest.

Odolph Stokes was arrested for running wtihout lights, improper registration, and no safety equipment. He was bound over to Federal Court.

94 stone crab traps were removed from Park waters and destroyed. These traps were in waters after season closed. Operation Protection found and removed them.

The operation is going well and is acheiving its purpose.

Maintenance

Quarters #17 was painted on inside by local contractor. Supervision,contracting contact was all done by ranger personnel.

Boat hoist was cleaned primed and painted under same deal.

Consessioner

Concession travel was down 17% from last year with only 514 taking trip as compared to 603 last year.

Respectfully submitted

Richard A. Stokes

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27
5010-107

UNITED STATES GOVERNMENT

# Memorandum

A2615

: Glades District Ranger

DATE: September 1 , 1965

1 : Tamiami Subdistrict

ECT: Monthly Narrative Report , August 1965

## GENERAL

Weather Conditions: Rain occurred on 24 days this month. The greatest amount per 24 hr. period was 1.56" which fell on the 30th.

Airboating was possible all month although fluctuating water levels made certain trails difficult at times.

| | 1965 | 1964 |
|---|---|---|
| Maximum | 95° | 96° |
| Mean maximum | 92.3° | 93° |
| Minimum | 72° | 72° |
| Mean Minimum | 74.2° | 74.6° |
| Rainfall | 7.78" | 10.5" |
| Rain Days | 24 | 17 days |

Travel: Visitors for the month on the SVLR were 1575 cars , no busses and 5523 people.

Visitors: Dr. H. Licastro , Manager Studies Section , HRB Singer Inc. State College Pennsylvania.

Special Activities: Ranger Winte met with Jerry Kennedy & Mr. Charles Hoffman of Florida Atlantic Univ. , Boca Raton. This meeting was to discuss the Dr. Groggins description of known Indian Mounds in ENP and the adjacent area.

A job description for the Subdistrict Ranger was completed and turned in.

Ranger Chamberlaine was on special assingnment at St. Augustine at Castillio de San Marco for the 400th anniversary celebration and commerative stamp presentation.

## ADMINISTRATION

Personnel: Seasonal Ranger Jim Denslow entered on duty August 29th.

## COOPERATIVE ACTIVITIES

Coop with other Federal Agencies: Weather and water level data submitted for the month.

U.S.G.S. agent Hull was taken out into Conservation Area # 3 to remove steel pipes from the glades. They were airboat hazards and had been put in by the Barrnette Spero Oil Co.

The USGS water resources research team were taken to Cottonmouth Camp P-33 and P-34 this month.

The US Weather Bureau installed a 200 knt. wind speed indicator at the Station.

## OPERATIONS

## OPERATIONS

Protection: Patrol mileage as follows ;

| | |
|---|---|
| Truck | 7255 |
| Weasel | 28 |
| Airboat | 352 |
| Total | 7635 miles |

Airboat and weasel patrol was increased this month to comply with the Protection Project begun this month. Rangers Dillon & Denslow were oriented and trained in airboat use and trails.

Three persons were found on the SVLR with loaded firearms in their vehicle. They are as follows John J. De Palma , Ronald E. Kellogg and Alan M. Marroni all of Miami Beach. They appeared before the US Commissioner pleaded guilty and their firearms taken and a 10 dollar fine suspended.

The new passenger airboat by Taylor was accepted this month.

LBC/lbc

Hdqtrs.

ENP-P118

MONTHLY VISITATION SUMMARY
EVERGLADES NATIONAL PARK
TAMIAMI SUBDISTRICT

MONTH August YEAR 1965

| DAY | METER READING | AUTOMOBILES | BUSSES | VISITORS |
|---|---|---|---|---|
| 1 | 217 | 108 | 0 | 378 |
| 2 | 274 | 28 | 0 | 98 |
| 3 | 357 | 42 | 0 | 147 |
| 4 | 454 | 49 | 0 | 172 |
| 5 | 556 | 51 | 0 | 179 |
| 6 | 631 | 37 | 0 | 130 |
| 7 | 745 | 57 | 0 | 200 |
| 8 | 954 | 104 | 0 | 364 |
| 9 | 1002 | 24 | 0 | 84 |
| 10 | 1108 | 53 | 0 | 186 |
| 11 | 1214 | 53 | 0 | 186 |
| 12 | 1296 | 41 | 0 | 144 |
| 13 | 1354 | 29 | 0 | 102 |
| 14 | 1444 | 45 | 0 | 158 |
| 15 | 1611 | 84 | 0 | 294 |
| 16 | 1688 | 38 | 0 | 134 |
| 17 | 1776 | 41 | 0 | 144 |
| 18 | 1830 | 30 | 0 | 105 |
| 19 | 1909 | 39 | 0 | 138 |
| 20 | 1982 | 37 | 0 | 130 |
| 21 | 2070 | 44 | 0 | 154 |
| 22 | 2293 | 112 | 0 | 392 |
| 23 | 2383 | 45 | 0 | 157 |
| 24 | 2468 | 43 | 0 | 151 |
| 25 | 2561 | 48 | 0 | 168 |
| 26 | 2631 | 34 | 0 | 119 |
| 27 | 2706 | 37 | 0 | 130 |
| 28 | 2783 | 38 | 0 | 134 |
| 29 | 2971 | 94 | 0 | 329 |
| 30 | 3061 | 45 | 0 | 158 |
| 31 | 3151 | 45 | 0 | 158 |
| TOTAL | | 1575 | 0 | 5523 |

LBC

Mr Barnough
~~Legal~~ SAR
10-5

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 279
HOMESTEAD, FLORIDA 33030

REPLY REFER TO:
A2615

October 4, 1965

Memorandum

To: Superintendent, Everglades

From: Chief Park Ranger

Subject: Monthly Narrative Report - Division of Resource Management and Visitor Protection - September 1965

Weather Conditions: September was warm and humid and brought with it Hurricane Betsy which passed through the Park on September 8. Her damaging winds were felt in Pine Island and Flamingo although she temporarily relieved the drought conditions experienced in the Park. Gusty winds preceded the hurricane and remained in the area for several days . The eye passed over Key Largo and westward over Flamingo. Water flowed inland for approximately 4½ miles at Flamingo. Maximum sustained winds were 140-150 MPH before and after the eye, with gusts to 160 MPH. Total rainfall recorded at the Royal Palm Station for September 7 thru 9 was 9.30".

Following is a weather summary for the month:

| Station | Max Temp | Mean Max | Min Temp | Mean Min | Rainfall |
|---|---|---|---|---|---|
| Royal Palm | 94° | 89° | 68° | 73° | 11.71" |
| Tamiami | 95° | 89.4° | 72° | 74.7° | 8.60" |
| Flamingo | 92° | 87.8° | 72° | 75.5° | 8.07" |
| Everglades | 92° | 89.7° | 70° | 73.9° | 7.74" |

Increase or Decrease in travel: Travel was up 10% over September of last year, or an increase of 28% for the year to date. Heavy mosquito infestation and Hurricane Betsy attributed to a decrease in camper use. Camper use was down -38% from September 1964, however, the cumulative total to date shows a 10% increase.

Visitors: Visitors from every state except Idaho, Kansas, Montana, New Mexico, North Dakota, South Dakota, Oregon, Utah, Vermont and Wyoming signed the visitor register at Royal Palm during the month of September. Six Canadian Provinces,

one U. S. Territory, and the following foreign countries were represented: Japan, Mexico, Wales, Hong Kong, Chile, Netherlands, Belgium, Austria, Denmark, Ireland, Costa Rica, Trinidad, Jamaica, Cuba, Switzerland, Germany, Brazil, Honduras, Spain, Sweden, Bermuda, Italy, England, Columbia, Australia, Latvia, Scotland, France, and Rhodesia.

List of visitors is attached.

Special Activities: Ranger McKinney took Dr. Craighead and Hydraulic Engineer Nix on an airboat trip into lower Taylor Slough in connection with water salinity tests and the Mangrove Dike Project.

Ranger Carlson assisted Shop personnel with removal of the damaged Park plane from the big Aerojet Canal. The plane's landing gear (nose wheel) had been damaged upon arrival at Fort Jefferson National Monument that same day. It had to be brought down in the canal on the return trip and towed to the airstrip.

## Administration

Personnel: Ranger Chamberlaine resigned from the National Park Service effective September 25. The Chamberlaine's have gone to Syracuse, N. Y., where they plan to reside.
FCA Don Pumphrey entered on duty as the new permanent Supv. Fire Control Aid.
Supervisory Park Ranger Christensen departed fro the Training Center at Grand Canyon on September 18.

Supervisory Ranger Don Castleberry returned from the Grand Canyon Training Center on September 27.

## Conservation, Interpretation and Use

Research and Observations: In three of the alligator holes of the twelve located for USGS, for study purposes, nests and newly hatched young alligators were found. This, in spite of dry Park glade conditions in recent years, indicates that lack of aquatic food for the Park's population of gators does not deter propagation.

The Subdistrict Ranger at Tamiami devoted many hours (during duty hours and on off duty days) to the field research work on the Park Tree Snail Project.

Large numbers of dead fish were observed coming out of the Barron and Turner Rivers. Other rivers in the Gulf Coast area did not have dead fish and it couldn't be determined why.

The first teal of the season was observed on September 13. (4 were sighted).

Alligators were observed as far south as the Flamingo boat basin.

Many varieties of fish were affected by Hurricane Betsy with a heavy fish kill along the Gulf and Florida Bay tributaries. According to Marine Lab and USGS personnel, this was caused by a lack of oxygen in the water due to a heavy concentration of Hydrogen Sulphide stirred up bythe storm.

Protection: On September 2 at 8:00 a.m., the Park went on Green hurricane alert to begin preparations for Hurricane Betsy. Yellow alert began Sept. 6 and a barricade was erected at the Royal Palm Junction to restrict traffic to Flamingo. Red alert began the night of Sept. 7. Peak winds passed through the Pine Island area between 5 and 8 a.m. on September 8. The Park was closed to all travel on September 8. A road block was set up to restrict all but essential official traffic to Flamingo. The Park was open again to "official business" traffic only on September 9 and 10. Traffic control was moved to the Entrance Station on the 11th and 12th. Due to hurricane damage to the Headquarters Visitor Center, the Naturalist Division used the Entrance Station as a visitor contact station for the remainder of the month.

Pa-Hay-Okee and Mahogany Hammock areas have not been re-opened to the public. Royal Palm was re-opened on September 9 but the Gumbo Limbo Trail remained closed until September 29. Long Pine Key campground was re-opened for visitor use on September 12.

During the month, District Ranger Benham accompanied Chief Ranger Kerr on a familiarization trip through the East Boundary Protection Zone and the Tamiami Sub-district.

Rangers replaced airboat trail markers that had been blown away by "Betsy".

A meeting was held at Headquarters to discuss the new special regulations for Everglades National Park.

Chief Ranger Kerr went on airboat patrol with Ranger McKinney to Mosquito Camp. He also patrolled a portion of Shark River by boat with Ranger Markette.

Operation Protection continued during the month with very little suspicious activity noted.

Channel markers in Florida Bay were checked and some remarking was done. Bouy Key channel is completely blocked for about a mile due to the hurricane and a new route will have to be plowed out.

Ranger Holden assisted the Naturalists in releasing 800 green turtles the latter part of the month.

Three boat rescues were made during the month; one in cooperation with USGS personnel, one search revealed the party was towed in by another boat, and one rescue of an EPCo. employee involving a 20 hour rescue operation.

Three court cases were heard before the U. S. Commissioner; one for speeding, one drunk and disorderly case, and one involved Odolph Stokes who was cited for running without lights and other violations. He pleaded guilty and was given a suspended entry of sentence. He will lose his Park fishing permit if convicted again.

Creel counts revealed that catches were down considerably for about two weeks after Hurricane Betsy and then improved during the last week of the month.

A special incident report was reported during the month by Ranger McKinney. This involved vandalism at Royal Palm Vandals had smeared lipstick on the guard rail of the Anhinga Trail and some visitors had complained when their clothes became soiled. The vandals were caught and offered to pay the dry cleaning costs and also scrubbed the guard rail.

Six airboat permits and three glades buggy permits were issued for the "Hole-in the-Donut" area.

Patrol mileage for the month is as follows:

| | |
|---|---|
| Aircraft | 5,700 |
| Airboat | 828 |
| Vehicle | 17,257 |
| Weasel | 0 |
| Boat | 2,690 |
| Glades buggy | 15 |

Maintenance: The Shark Valley Loop Road, Otter Cave and Trail Site, and the Observation Tower area required considerable clean-up after "Betsy" before the area could be open to the public.

Both the NPS maintenance crew and the EPCo. employees did an excellent job of getting facilities back in service after the storm. Power was on in 24 hours and essential services were available to the public on a limited basis within 48 hours after the water receded.

Forest Fire Protection: Numerous trees were blown down across old Highway 41 during the storm. To establish power along the line after the storm, many trees were either cut through or entirely removed from the road. Most of the limbs and pine needles were deposited on the Park side of the road. Clearing was done by the Power Co. workmen. An .8 mile stretch of the road west of Structure 12D and a portion .2 miles east of this structure are still impassable. This condition will cause a high fire situation in the spring along this boundary.

One wildfire was suppressed. It was an escape control burn which burned into an adjacent agricultural field. This "Campbell Field" fire was located in the Protection Zone (C) and burned 10 acres on September 1.

All field units of fire fighting equipment were given a general clean up and maintenance check by the Supv. Fire Control Aid and Shop personnel. Many pieces of equipment had not been run since "Betsy" and dead batteries were a common cause of trouble. By month's end, all systems were "go".

## Resource Planning

Cooperation with Other Federal, State or Local Agencies: The Singer Corp. (infra-red imagery research team) ended the fifth phase of their operations at Palma Vista II Hammock on September 2.

Rangers Carlson and McKinney participated in a demonstration of rough-terrain equipment by the Thiokol Corp. Equipment tested in the glades off the end of the Pine Island airstrip were the "Sprite" and the "Imp" with trailer. (Photos attached).

A cooperative agreement was drawn up between Everglades National Park and the 13th Artillery Group, Homestead AF Base, whereby the Park agreed to make an airboat and operator available to them in emergency situations (e.g. high water inundated one or more of their field batteries during the storm).

Rangers assisted the Florida Forest Service and Homestead AF Base personnel when their field equipment became mired down in a muddy field during an attempt to reach a downed Jet Starfighter aircraft. The Rangers were successful in pulling out an Air Force D-8 tractor and a Dodge Power Wagon and bombadier belonging to the Florida Forest Service.

The "Conductron" research team began their final phase of their work in Palma Vista Hammock #2 on September 24.

A gate at Structure 12-D was opened three tenths of a foot during September by the Flood Control District. This permits an inflow of organisms and aquatic life along the Shark Valley Loop Road.

The Aerojet General Corp. fired their solid fuel propellent in a 2-minute sustained blast at 11:00 a.m. on September 25. Rangers Benham and McKinney and FCA Pumphrey took the weasel unit into the area where it remained on standby along with Aerojet and Metro units in case of emergency. Firing was a huge success with no incidents.

Robert I. Kerr

Enclosures
List of Visitors
Photographs

List of visitors during the month of September:

Dr. Henry Kertzler, Baro College, N. Y.
Dr. Martin Schwarzback, Geology Institute Univ., Cologne, Ger. (author of "Climates of the Past"
Mr & Mrs August Burnhardt, Chairman Everglades Park Commission
Mr. Earl Disque, EODC
Mr. Ray Casada, Field Aide, US Weather Bureau, Tallahassee, Fla.
Mr ~~SamM~~ Sam J. Marsh, Bureau Public Roads, Alexandria, Va.
Mr & Mrs. M. Yokoyama, Tokyo, Japan
Mr. J. W. Pumpelly, Chief, Map Editing Section, USGS, Washington, DC
Mr & Mrs John Durant (NY Times writer), N. Y.
Mr. Shearouse, USGS, Miami, Fla.
Dr. Sudia and Mr Gibb Johnston, US Public Health Service
Dr & Mrs H. D. Banta, Tng Officer, US Public Health Service


SEP • 65

Injured "Bird" rescued from
Aero-Jet canal


SEP • 65

Florida Forest Service Dodge Power Wagon (background) pulled through muck around D-6 Cat.

U.S.A.F. D-8 Cat. pulled out of muck hole by Glades Buggy


Thiokol Imp with trailer

Carrying 3,200 Pounds

Thiokol Sprite

Thiokol Imp

on ny

Hurricane Betsy

SEP . 65

OUR FEARLESS LEADER

or

"Gee fellas I don't want to ruin my shine"

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27
5010-107

con any

UNITED STATES GOVERNMENT

# Memorandum

A2615

: Glades District Ranger

DATE: October 2, 1965

: Tamiami Subdistrict

T: Monthly Narrative Report - September 1965

## General

Weather Conditions: Rain ocurred on 14 days this month. The greatest amount per 24 hour ~~period amounted~~ to 4.24 inches on September 8 during Hurricane Betsy. Rainfall during the Hurricane and widespread rainfall on 26 and 27 brought a substantial rise in surface water. Previous to September 8 surface water was low for this time of Year, Sufficent surface water was present at end of Month to travel all airboat trails, Shark Valley and Headwater River Regions. Rise in surface water permitted use of airboat to accomplish considerable,such as Protection Patrols, Boundary and airboat trail marking, Research work.

Minor damage to Subdistrict buildings were substained from the Hurricane. Wind gusts reached velocities of 75 MPH.

Max. temp. ----------95
Mean Max. ----------89.4
Min. temp. - ----------72
Mean Min. ----------74.7
Rainfall ---------- --8.60 inches

Travel: Visitors for the month on the SVLR were 804 cars, no busses ~~and~~ 2652 people. Road was closed 3 days because of Hurricane.

Visitors: Mr. Ray Casada, U.S. Weather Bureau, Tallahassee, Florida.
Mr. Hartwell, U.S.G.S., Miami Florida

Special Activities: The U.S.G.S was taken by airboat to P-33 and 34 this month.

During weekdays of Sept. 20, Tamiami Personnel worked by airboat with USGS Water Resources Team and located for them 12 alligator holes in SRV. A fix on alligator holes was accomplished with airal photo's, quanatative aquatic samplings were taken, various depths and width measurements made of each hole.

An airboat trip was made to see about damage to USGS cabins in SRV. The one at p-33 was blown down by the Hurricane.

Special Activities: cont. Chief Ranger Kerr in company with Glades District Ranger made an inspection of Tamiami Subdistrict facilities.

Three U.of M. Marine Lab. students were taken by airboat to SRV and Hdw, This was an orientation inspection trip led by Miss Van Meter to acquaint the two other students with the area, where previous water resource studies have been done by her. This study is to continue under a new grant. This will be from the National Institute of Health according to Miss Van Meter.

Ranger Chamberlaine went to Hdq. on Sept. 21 to discuss L.P.K. control burning with Chief Ranger Kerr.

## Administration

Personnel:

Ranger Chamberlaine resigned from the NPS effective Sept. 25. The Chamberlaine's have gone to Syracuse New York where they plan to reside.

## Conservation, Interpretation and Use

Research and Observations: In 3 of the alligator holes of the 12 located for USGS for study purposes, nests and newly hatched young of alligators were found. This, in spite of dry Park glade conditions in recent years indicates, that lack of aquatic food for the Parks population of gators does not deter propogation. If a continued low water table exists in the coming years it would be difficult to say whether alligator propogation could continue.

The Subdistrict Ranger worked 6 hours during duty and numerous hours during his lieu days, doing field research work on Park Tree Snail Project.

Protection: Patrol Mileage;

| | |
|---|---|
| Road Patrol | 5865 |
| Airboat | 768 |
| Total | 6633 miles |

Numerous airboat and road patrols were made this month in order to comply with scheduled work hours of Operation "Protection "

All airboat trails and boundaries(except rocky terrain) in subdistrict were patroled repeatedly as was the interior Park glade lands. (River Headwaters and SRV) Observations and other data of note was logged on each trip and report submitted to the Chief Rangers Office. Infraction of Park regulations that were noted were of a minor nature.

Eight night and early morning road patrols were made of one to three hours duration.

Maintenance was done on Coffee Pot Patrol Cabin, and trail to cabin brushed out.

During Betsy tamiami personnel stayed and took care of Government quarters, weather readings, and kept up communications with power from station generator.

Protection: cont. The SV airboat trail was remarked with poles along the full length of the trail. The Hurricane had blown down many of the poles, and the trail had become indistinct and difficult to follow.

Boundary signs were prepared for posting but few were posted. Boundaries that can be reached by airboat will be posted in October in preparation for the hunting season, time permitting.

Forest Fire Protection: Numerous trees were blown down across old Hwy#41 by the hurricane. To establish power along the line after storm many trees were either cut through or entirely removed from the road. Most of the limbs and pine needles were deposited on Park side of road. An .8 mile stretch of the road West of S -12D and a portion .2 miles East of this structure are still impassable.

This condition will cause a high fire situation in the Spring along this Subdistrict Boundary. Clearing of road was done by power company workmen.

Maintenance: The SVLR, Otter Cave and Trail Site, and Observation Tower area required considerable clean up after Betsy before the area could be open for the public

## Cooperative Activities

Cooperation with other Federal Agencies: Weather and water level data submitted for the month.

A gate at S-12D was opened three tenths of a foot this month by the Flood Control District. On October 1 a gate at S-12B was opened two tenths of a foot. Opening of this gate permits an inflow of organisms and aquatic life along the SVLR.

Along the Subdistrict East boundary a land survey and an attemptto find a suitable aquifier flow was in progress this month.

Submitted by E. C. Vinte
Subdistrict Ranger

OPTIONAL FORM NO 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27

5010-108

UNITED STATES GOVERNMENT

# *Memorandum*

A2615

: Chief Ranger

DATE: Oct. 2, 1965

M : Mangrove District Ranger

JECT: Monthly Narrative Report for September 1965

## General

Weather Conditions Hurricane Betsy was the weather highlight during September. She struck on the eight and the eye passed over Key Largo and Flamingo. Not all her effects were bad, the drought conditions were relieved at least temporarily. Some statistics on Betsy follow:

Tides

Low-0.20' below msl at 06:30 on the 8th

High- 7.37' above msl at 14:00 on the 8th

*Water flowed inland for approximately 4½ miles

*Barometric pressure was 28.3 at 07:30 during the eye which lasted about 1½ hours.

*Maximum sustained winds were 140-150 MPH before and after the eye with gusts to 160 MPH.

Other weather statistics:

| September | 1965 | | Normal |
|---|---|---|---|
| Maximum | 92 | degrees | -- |
| Minimum | 72 | " | |
| Mean Maximum | 87.7 | " | 88.9 |
| Mean Minimum | 75.5 | " | 73.7 |
| Precipitation for month | * 8.07 | | 6.64 |
| " " year | 26.90 | | 38.02 |

* Estimated during Betsy

Increase or decrease in Travel: Like many other things in this vicinity, visitation was wrecked by Betsy. The extremely heavy infestation of mosquitoes which followed Betsy by 7-10 days was an added deterent to visitation, especially camping and concession use. September visits were down 20.6% from September 1964. However the cumulative total to date shows an increase of 12%. Total visitor days for September was 6,004. The cumulative total to date is 182,498.

Visitors

Mr John Dennekamp

Mr & Mrs August Burnhardt- Chairman Everglades Park Commission.

Mr Earl Disque- EDDC

Mr Ray Casada- U.S. Weather Bureau

## ADMINISTRATION

Personnel

Supv. Ranger Christensen departed for Grand Canyon 9/18

" " Castleberry returned from Grand Canyon 9/27

" " Denton on Annual Leave 9/14 thru 9/30

## ADMINISTRATION (con't)

Safety and Health

Personal Injuries:

(1) Lois Stubbs-fractured arm-slipped in mud on Marina floor after Betsy

(2) Visitor- minor 1st aid - catfish fin in foot

Except for (1) above, there were no injuries to visitors or employees during Betsy or the clean-up afterwards.

Old-timers consider the behavoir of the mosquito population since hurricane the worst in their memory.

## CONSERVATION, INVENTORIES AND USE

Research and Observations

Many interesting wildlife observations were made and reported by teams I & II of "Operation Protection".

Alligators have been observed as far South as the Flamingo boat basin.

An aftermath of the hurricane was a rather heavy fish kill along the Gulf and Florida Bay tributaries. Many varieties were effected. According to Marine Lab & USGS personnel this was caused by a lack of oxygen in the water due to a heavy concentration of Hydrogen Sulphide stirred up by the storm.

Protection

Due to the hurricane and a shortage of personnel, activities have been limited to clean-up and routine duties.

District personnel attended two meetings at the CWD, on campground management and the new rules and regulations.

Creel checks revealed that catches were down considerably for about two weeks after the storm. They have improved during the last week of the month.

Several days were spent bringing the Adm. Manual and Handbooks up to date. This project is about completed with limited success.

Channels in Florida Bay have been checked and some remarking done. Sou. Nes channel is completely blocked for about a mile and a new route will have to be plowed out.

One boat search and rescue was successfully completed on the 2[illegible]th. Occupant (NPS employee) was in good condition. Operation lasted 20 hours.

Ranger Holden and Nat. Park alerted Waters. Naturalists in releasing [illegible] green turtles on the night of the 27th and the AM of the 28th.

Two court cases-1 speeding and 1 drunk and disorderly were heard before the U.S. Commissioner, both cases handled by Ranger Holden.
Seven NPS employees had to be dealt with during the month because of assorted misconduct.

Protection (con't)
Patrol Mileage for the month: Vehicle 4621, Boat 1532

Building Fire Protection
The fire truck was cleaned and hose dried and repacked after Betsy.

One fire hydrant between Powerhouse & TPC shop was broken off by floating debri during hurricane.

Maintenance
Both the NPS Maintenance Crew and the TPC Employees did an excellent job of getting facilities back in service after the storm. Power was on in 24 hours and essential services were available to the public on a limited basis within 48 hours after the water receded.

Complaints
The main source of complaints from visitors and employees alike is the quanity and voracious attitude of the local mosquito population.

Robert E. Cook
Dirtrict Ranger

Everglades Florida
October 1, 1965

Monthly Narrative and Public Use Report
Gulf Coast District
September
1965

District Ranger Richard A. Stokes
Park Ranger Richard Hougham
Park Rager Kenneth O. Morgan

IN REPLY REFER TO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Everglades, Floridaa

October 1, 1965

Memorandum

To: Chief Ranger

From: District Ranger Gulf Coast District

Subject: Monthly Narrative Report, Gulf Coast District, September, 1965

## General

### Weather

One edge of hurricane Betsy and some rain from Debbie increased our rainfall to 7.74" falling on eleven days as compared to 6.20" in 1964 on 20 days. Mean Min Temp. was 73.9° with a min. of 70° Mean Max Temp. was 89.7° with a Max. of 92°.

### Travel

Travel was up 2% over 1964 with 4183 in 1965 as compared to 4113 in 1964.

## Intrepretive Activites

### Observation

On Sept. 10,11,12&13 large numbers of dead fish were observed comming out of Barron River and Turner River. Other rivers in the area did not have any dead fish it is not know why.

The first Teal of the season were seen on the 13th. (4)

## Operations

### Ranger Activities

Our activities for the month were mainly confined to this category.

Boat Patrol - 1158 miles
Auto Patrol - 154 miles

Commercial Boats checked - 13 Non- Commercial boats checked 14

Operation protection has kept Ranger Morgan with seasonal Cohen very busy. This was curtailed only by the hurricane as we had to leave the area and

prepare for the storm. Also to put things back after storm and perform necessary maintenance took some of their time.

All ranger personnel and their familes left the ar a on the evening of the 6th to return on the morning of the 9th. .

All personnel completed alerts on the 6th. Two rangers completed alert at Lostman's River on the 2.

No serious damage occured to park property except damage to quarters roofs. Damage was light in the Everglades City area.

One court case was held on 9/3 for Odolph Stokes arrested for running without lights and other violations. Plea guilty and the U.S. Commissioner suspended entry of sentence and put him on probation that the next convistion he would lose his park fishing permit.

One boat was aided which was lost. Two rescues were made, one in cooperation with U.S.C.G. well off shore. One search was made, but boat was found and towed in by another party.

A meeting for all rangers in district was held in headquarters to discuss application of thenew fishing regulations. Anothermeeting was held in Everglades City on 9/30/65 with Supt. District Ranger, and Assistant Chief Ranger present with local city council, commercial fisherman, State Conservation Agents, and other interests regarding fishing regulations. The results were that the interested parties would appoint a committee to make recommendations to the park and work with the district ranger.

The chief ranger was taken on a boat trip through the area on 9/25 and the district operation was explained.

Concession

Concession travel was down 158% due to storms etc. Only 65 took trip as compared to 168 last year.

Respectfully submitted
Richard A. Stokes
Richard A. Stokes

IN REPLY REFER TO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Everglades National Park

October 1, 1965

Memorandum:

To: Chief Ranger

From: District Ranger Gulf Coast District

Subject: Monthly Travel Report, Gulf Coast District, September, 1965

Total Visits 4183

1. Persons in office 41
2. Persons on boat tours 65
3. Persons entering park by boat 4118

Line 2g other overnight 201

4b Special use data 3917 persons entering park by boat

4c Special use data 1302 boats entering park waters

Respectfully submitted
Richard A. Stokes
Richard A. Stokes

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 279
HOMESTEAD, FLORIDA 33030

REPLY REFER TO
A88

November 5, 1965

Memorandum

To: Superintendent

From: Chief Ranger

Subject: Monthly Narrative Report for October 1965, Division of Resource Management and Visitor Protection

## GENERAL

Weather Conditions: October brought drenching rains to the parched areas of the Park and cool pleasant days were noted the latter part of the month. Surface water tables had risen to permit airboating in places inaccessible in previous months. To the delight of visitors, many wading birds were seen along the main Park road. Rainfall at Pine Island totalled 12.75" as compared to 6.05" last October. The 10-year average for October is 6.11". On October 14, 5.23" of rain fall in a 24-hour period - the heaviest in any single day. The greatest amount for a single day in October of last year was 3.34". Despite the heavy rainfall, the water table was at a lower level than a year ago. Comparative Taylor Slough readings are as follows:

| | |
|---|---|
| Oct. 31, 1965 | 4.09' |
| Oct. 31, 1964 | 4.24' |
| Sep. 30, 1965 | 3.13' |

The following is a weather summary for the month:

| Station | Max Temp | Mean Max | Min Temp | Mean Min | Rainfall |
|---|---|---|---|---|---|
| Royal Palm | 92° | 86.6° | 58° | 68.3° | 12.75" |
| Tamiami | 92° | 87.0° | 62° | 70.0° | 5.52" |
| Key Largo | 88° | 84.5° | 61° | 72.4° | 8.35" |
| Flamingo | 89° | 84.7° | 61° | 71° | 10.93" |
| Everglades | 97° | 85.6° | 58° | 68.7° | 5.62" |

Increase or decrease in travel: During October, 46,149 people entered the Park as compared to 43,698 for October 1964. Several Park trails and the Hq Visitor Center which were damaged in September by Hurricane Betsy remained closed, however, the cumulative total to date shows a 5.5% increase in visitor use over a like period last year. A total of 477 campers used the campsites during the month as compared to 1,678 last October, or a decrease of 252%. This decrease was probably due to the heavy mosquito infestation and the closing of trails and Visitor Center.

Visitors: Visitors from every state except Idaho, Nevada and N. Dakota signed the visitor register at Royal Palm during October. Six Canadian provinces, one U.S. Territory and the following foreign countries were represented: France, Belgium, Japan, Argentina, Germany, Austria, Nigeria, Dominican Republic, Equador, Australia, Pakistan, Denmark, Holland, England, Switzerland, Chile, India, Spain, Philippines, Kenya, Italy, Nicaragua, New Zealand, and Ireland.

List of visitors is attached.

Special Activities: Regional Director Cox and party visited the Superintendent. Ranger Castleberry took the party by boat to inspect the proposed National Monument at Islandia and to John Pennekamp State Park for a trip to the Coral Reef.

Mr. Waring Mikell, Chief of Maintenance, Southeast Region, and Mr. Irvin Lloyd, Program Coordinator, were taken on inspection tours to observe hurricane damage in the Districts. The need for a new source of water supply to the trailer site at Shark Valley Loop Road was discussed.

Miscellaneous: Park personnel witnessed the firing of the 260" solid fuel rocket engine at Aerojet General Corp. The firing was a huge success. (Photo attached).

Ranger Pilot Miele returned from Maine with the Park plane which had been repaired and overhauled at the factory. The plane is now in service again.

A coffee was held in Park Headquarters to bid farewell to the Bentons who were transferred to Fire Island National Seashore.

## Administration

Personnel: Supv. Park Ranger James Markette was reassigned from the Glades District to the Mangrove District on October 9.

Ranger Benton accepted a promotion and transfer to Fire Island National Seashore.

Seasonal Rangers James Denslow and George M. Cowles, Jr., were terminated on Oct.9.

Supv. Park Ranger Max Holden was reassigned from the Mangrove District to the Tamiami Sub-district on October 24.

On October 17, FCA Don L. Pumphrey left for Virginia where his wife is expecting a baby. At the end of the month, he was still waiting!

Chief Ranger Kerr went to the Univ. of Miami on Oct 6 to discuss career employment in the National Park Service for students.

Chief Ranger's secretary, Gloria Treusch, received a promotion to GS-5.

Ranger-Pilot Miele received a $250 cash award for Superior Performance. (photo attached).

Park Ranger Richard W. Klukas, an intake trainee from the Grand Canyon Training Center, was assigned to the Mangrove District.

## Conservation, Interpretation and Use

Research and Observations: Ospreys and eagles are busy rebuilding nests destroyed by Hurricane Betsy. Spoonbills were observed on Bottle Key which is a known nesting site. Small groups of Roseate Spoonbills were seen at Cowpens Cut and Grouper Creek but no nesting activity was observed.

At the end of September, two Florida panthers, one Florida black bear and two mature crocodiles were released in the Park. These animals were donated by Mr. William Piper, Everglades Wonder Gardens, Bonita Springs, Fla. (photo attached)

There were five sightings of a black bear in the Mahogany Hammock during October. The bear was reported in good condition.

Alligators were sighted as far down as the marina at Flamingo and throughout the Gulf Coast District.

Ranger Winte and Collaborator Archie Jones made several field trips during which considerable planning, mapping and distribution of Liguus Tree Snails in selected hardwood tree hammocks was accomplished.

Seven Indian Mound sites in the Park were located, mapped, named, photographed, and a small amount of the culture of the mound builders was removed from each mound.

While on night patrol, Ranger McKinney sighted a puma west of the Pinelands Trail. It is believed the animal was one of those released on Sept. 29.

Protection:

Patrol mileage is as follows:

| | |
|---|---|
| Vehicle | 13,873 |
| Weasel | 26 |
| Airboat | 618 |
| Boat | 3,696 |
| TOTAL | 18,213 |

During road patrols, Rangers issued verbal warnings for minor infractions of both Park and Game Commission regulations.

Unscheduled early morning and evening patrols were made along the Park road boundaries. Eleven daylight airboat patrols were made during which airboaters were contacted and a close check kept for possible violations or signs of same.

Due to shortage of personnel in the Mangrove District, boat patrols were at a minimum. Three poached alligators were observed by personnel from the Miami Marine Laboratory in the North River.

Channel markers and speed signs that were destroyed by the hurricane were replaced in most channels and bays of the Park.

Three boat rescues were successfully completed during the month.

One court case was heard before the U. S. Commissioner. The defendants were found guilty of possessing undersized snook.

Stone Crab season opened on October 15 and 31 stone crab trap permits were issued. Special patrols were maintained in the Fla. Bay area along the East boundary to assure compliance with the new regulations.

Boat inspections were made and 33 commercial fishing permits were issued.

Tamiami Sub-district personnel assisted State Game Commission personnel in netting fish from the canal. The fish are "shocked" and netted and transferred alive to the Observation Tower moat for release. The catch was small because of present high glade water table had scattered fish to the glades. The fish were released to furnish natural food for the concentration of alligators during low water periods.

Three of our Rangers received excellent training when their emergency run to the hospital was halted by the unexpected arrival of a "newcomer" to the Klukas family. Rangers Markette, Benton and Klukas assisted in the delivery of a baby boy to Mrs. Klukas just a few miles past the Park entrance. After arrival of mother and baby at the hospital, they were reported doing very well.

District Ranger Benham was designated and served as Acting Chief Ranger on 4 days of the month while Chief Ranger Kerr was on orientation trips out in the field.

The first phase of dove season opened in areas adjacent to the Park on Oct. 2. While a great number of hunters were in the field on that date, few of them entered the Hole-in-the-Donut area within the Park.

An airboat patrol was made by Rangers Benham and McKinney to the lower mangrove area in search of Collaborator Dr. Frank Craighead's mangrove dike site. The site was not located.

Operation "Protection" (alligator poacher patrols) was discontinued at the close of business on Oct. 9. The Seasonal Rangers who were hired for this project were terminated as of that date with the exception of Seasonal Ranger Ben Coen who was assigned to the Tamiami Sub-district. The mere fact that rangers were engaged in this program undoubtedly saved some of our alligators from the hunters guns. While no poachers were apprehended during this project, a great deal of knowledge on the back country of the Park and its wildlife was obtained. Chief Ranger Kerr directed the rangers to continue their efforts in back country patrol.

Airboat patrols were made and boundary markers reset in the Madeira Ditches-Big-Thick area of lower Taylor Slough. The south boundary from Taylor Slough east to Route 1 was also checked. 14 new trail markers were set on the head-waters trail between the Shark and Broad Rivers.

The newly acquired lands in the Hole-in-theDonut were posted with "No Hunting" signs and cloth boundary signs.

Fire Protection: Chief Ranger Kerr inspected all the units of fire equipment at the Fire Cache. All 14 units were "go" for this inspection. Prior to this time, many units were causing trouble due to damp weather and non-use.

During National Fire Prevention Week, district personnel engaged in a number of activities which included programs for the children at the First Methodist and First Baptist Churches, a program for park wives and participation in a Perrine to Florida City Fire Prevention Week Parade.

The new Greer 300 gallon pumper unit was put in service on Oct. 12(photo attached).

On 25 October, Chief Ranger Kerr and Ranger Carlson met with Captain Crump at the Missile Site to discuss mutual fire and protection problems.

Maintenance: Additional laborers joined the National Park Service Maintenance crew to speed up the clean-up operations necessitated by Hurricane Betsy. The Snake Bight road was cleared and is now open and work continues on clearing the Bear Lake Road.

Considerable time was spent in the Fla. Bay sub-district in replanting trees and shrubs, clearing up debris and cleaning and remarking the channel in Fla. Bay.

The prime contractor on the rehabilitation of the Hq Visitor Center, COSMIC, Inc., Miami, Fla., began work on October 27.

New roofs were installed on the three quarters in the Gulf Coast District.

Complaints: Numerous complaints, verbal and written, were received regarding the new fishing regulations. The two main complaints from commercial fishermen were the limiting of stone crab traps to 200 (400 were allowed last year) and their exclusion from certain parts of Fla. Bay. The Supt. answered these complaints by allowing 400 traps per man to alleviate any hardship to the fishermen. This and other temporary measures will remain in effect until we can study the situation and determine the best course of action to take.

Safety and Health: Capt John Scudder, charter boat captain at Flamingo, was bitten by a rat. The rat was taken to the Dade County Health Department for rabies tests which proved negative.

## Resource Planning

Cooperation with other Federal, State or Local AGencies: The "Conductron" research team completed the final phase of their classified 'jungle' operations involving early morning DC-3 flights over Palma Vista Hammock #2 on Oct. 9.

The Singer Corp. (infra-red imagery research team) completed the 6th phase of their operations at Palma Vista Hammock #2 on Oct. 14. They expect to return for the 7th and final phase in December.

A meeting was held at Park Headquarters on Oct. 26 with representatives of the Florida Forest Service and the Motorola Radio Corp. Ranger personnel attending were: Chief Ranger Kerr, Asst. Chief Ranger Maxwell, District Ranger Benham and Ranger Carlson. Meeting was held to discuss the feasibility of an inter-agency radio hook-up to be used in emergency fire situations. Both the Park and Fla. Forest Service personnel were in favor of such a system. If funds are available the necessary installations will be made.

Tamiami Sub-district personnel assisted State Troopers in two accidents. One accident occurred on the Old Loop Road where two occupants of a car went into a canal. The other, a car-motorcycle, accident occurred two miles west of the Ranger Station. Two riders of the motorcycle were thrown into the trail canal after the impact.

Fla. Bay Sub-District Ranger Castleberry spent considerable time contacting various Federal, State and local agencies and commercial fishermen to explain the new fishing regulations.

State,County or Municipal Legislation: The city ofEverglades Committee on Fishing in Everglades National Park (Economic Advisory Committee) has sent in a recommendation that the Park not enforce any laws except State laws on the Northwest Extension.

Chief Ranger

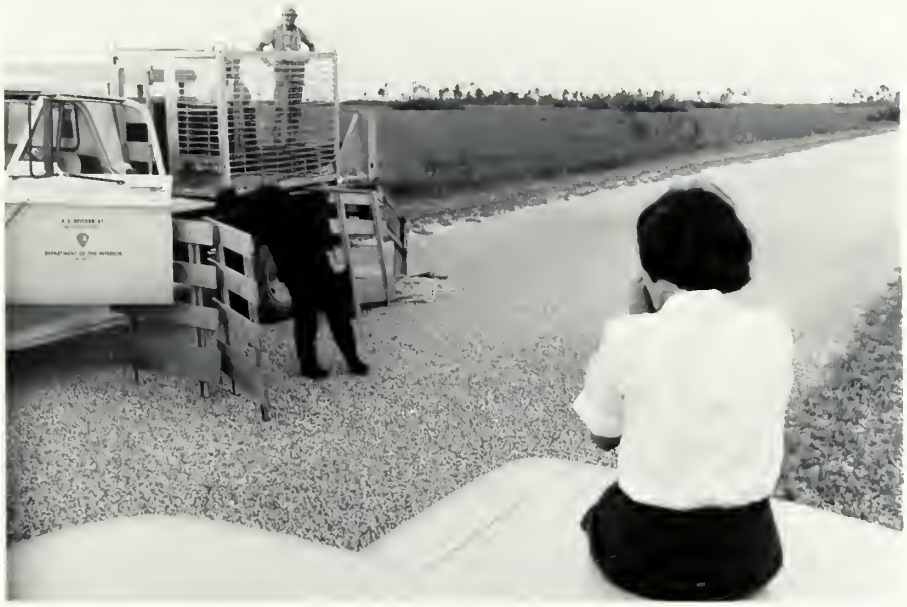
Attachments
List of Visitors
Photos

List of visitors during October:

Mr. J. W. Pumpelly, USGS, Ch Map Editing Section, Washington, D.C.
Mr. George J. Franks, Q Corp., Lighthouse Pt., Fla.
Mr. W. H. Skillings, QP Corp, Deerfield Beach, Fla.
Mr. E. L. Arnold, Jr., BCF, St Petersburgh Beach, Fla.
Mr. Arthur R. Marshall, BSFW, Vero Beach, Fla.
Mr. Elmer W. Smith, USBSA, Hollywood, Fla.
Mr. H. H. Hartwell, USGS, Miami, Fla.
Mr. W. Mikell, Chief of Maintenance, SERO, Richmond, Va.
Mr. Irvin, Lloyd, Programs Coordinator, SERO, Richmond, Va.
Mr. Logan L. Ratliff, US Bureau Public Roads, Arlington, Va.
Mr. C. Gloe, Geologist, Exploration & Geological Div., Coal Production Branch, Victoria, Australia
Mr. J. C. Mazarehis, Athens, Greece
Mr. Curtis Jensen, FBI Agent, Homestead, Fla.
Mr. Dick Thompson, Manager, Loxahatchee Refuge
Dr. Anthony Stalk, Author of scientific & popular books on wildlife, Holland
Mr. Hadd, Bureau of the Budget
Mr. A. C. Ratliff, District Comm. Engineer, Fla. Forest Service, Ft. Myers, Fla.
Mr. Jim McLaughlin and Jim Parker, Tremont Job Corps
Miss Pat Caulfield, Modern Photography magazine, N. Y.
Mr. Elbert Cox, Regional Director, SERO, and party, Richmond, Va.

Ranger-Pilot Miele receiving award from Supt. Joseph

Aerojet's big 260" rocket engine goes up in a billowing cloud of smoke.



Black Bear release near Mahogany Hammock, Sept 29, 1965

Black Bear was a young male


Greer Pumper behind Ford Ramp Truck
(New Unit I)

New 300 gal Greer Wheel Pumper
(will pump up to 45 gal/min)

Everglades Florida
November 3, 1965

Monthly Public Use and Narrative Report
Gulf Coast District
October
1965

District Ranger - Richard A. Stokes
Park Ranger - Kenneth O. Morgan, Jr.
Park Ranger - Richard W. Hougham

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Everglades National Park

IN REPLY REFER TO:

November 2, 1965

Memorandum:

To: Chief Ranger

From: District Ranger Stokes

Subject: Monthly Narrative Report, Gulf Coast District, October, 1965

## General

### Weather

Rainfall was.01" shy of last year with 5.62" falling on eleven days and 2.75" of this falling on October 22. Maxium Temp. 97° Mean Max. 85.6° and Min. Temp. 58° Mean Min. 68.7°.

### Travel

Travel was up 26% over last year. This was due mainly to a large increase in sport fishing. Commercial fishing was about the same. 5209 persons visited the area this year as compared to 4125 last year.

### Visitors

Mrs. Jane Hamlin, Ft Myers News Press Reporter, Marco, Florida

### Special Activities

Mr. Mikell and Mr.Lloyd of the Regional Office made inspection of Hurricane damage and cost of repair on the 16th of the month.

## Administration

### Personnel

Ben Cohen was terminated as a seasonal ranger in this areaon operation protection on October 9.

## Cooperative Activities

### Cooperation with Other Federal, State, or Local Agencies

The USCGS has been allowed to park their trailer at our boat basin site

and to launch their boat and use our basin area in preparing to resurvey and photograph the area to make new charts. They were also assisted in locating several markers and a ranger made two trips with them to show the area.

State, County, or Municipal Legislation

The city of Everglades Committee on Fishing in Everglades National Park called The Economic Advisory Committee has sent in a r commendation that the Park not enforce any laws except state laws on the N.W. extension. Copies have been sent in.

## Interpretive Activities and Developments

General Publicity

Several articles have appeared in local papers as well as the Miami Herald regarding new fishing regulations. Copies have been sent in. Most reflect an unfavorable opinion.

Research and Observations

Alligator hunting is at a very low ebb at present and we are seeing a few alligators scattered through out the district. This is an excellent sign.

Eagles are beginning to show up around their nesting sites.

## Operations

Protection and Ranger Service

Boat patrol - 1485 miles Auto Patrol - 102 miles

Commercial boats checked - 12 Non-Commercial boats checked - 19

Stone crab Permits issued - 7 New Commercial Permits Issued and Inspections made 10

One boat rescue was made by Ranger Morgan. A smoke was reported out in the islands and he ran to boat and went out to check it finding boat on fire and occupants in small skiff waiting for help.

One boat search was made but boat later came in on its own power.

District Ranger and one ranger attended meeting of Committee appointed by Mayor of Everglades on fishing on 10/22/65. Information sent in.

Ranger Morgan and Seasonal Cohen had an exciting chase of two gator poachers during the last week of OPERATION PROTECTION. They were finally eluded in a small creek which the poachers knew about and with their small boat could get through.

Three airboat trips were made by district ranger in locating indian mounds in this district as well as in Tamiami sub-district.

Concessions

Several days were spent with concessioner and others giving information on the prospectus for boat tours in this area. One meeting was held with Mr. Ledding of concessions management from region.

Boat tour travel was down from 178 last year to 82 this year. This is a 100% decrease. It was brought about due to concessioner working on prospectus bid and not being able to put proper time on his tour.

Maintenance

New roofs were installed on all three quarters in the district.

Bids are being received for painting the quarters.

Respectfully submitted

Richard A. Stokes

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Everglades National Park
November 1, 1965

IN REPLY REFER TO:

Memorandum:

To: Chief Ranger

From: District Ranger Stokes

Subject: Monthly Public Use Report, Gulf Coast District, October, 1965

Total Visits 5209

1. Persons in office 37

2. Persons on boat tours 82

3. Persons entering Park by boat 5127

Line 2 g Other overnight 129

4b special use data 4998 persons entering Park by boat

4c special use data 1428 boats entering Park waters

Respectfully submitted
Richard A. Stokes
Richard A. Stokes

EVERGLADES NATIONAL PARK
and
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 275
HOMESTEAD, FLORIDA

MONTHLY BOAT TOUR REPORT

TRIP Mangrove Wilderness MONTH October 1965

| DATE | NO. TRIPS | ADULTS | CHILDREN | FREE | TOTAL |
|---|---|---|---|---|---|
| 1 | — | — | — | — | — |
| 2 | 1 | 3 | | | 3 |
| 3 | — | — | — | — | — |
| 4 | — | — | — | — | — |
| 5 | 1 | 3 | | | 3 |
| 6 | 1 | 4 | | | 4 |
| 7 | — | — | — | — | — |
| 8 | — | — | — | — | — |
| 9 | — | — | — | — | — |
| 10 | 1 | 5 | | 1 | 6 |
| 11 | 1 | 3 | | | 3 |
| 12 | — | — | — | — | — |
| 13 | 1 | 3 | 2 | | 5 |
| 14 | — | — | — | — | — |
| 15 | — | — | — | — | — |
| 16 | 1 | 4 | — | — | 4 |
| 17 | 1 | 3 | | | 3 |
| 18 | — | — | — | — | — |
| 19 | — | — | — | — | — |
| 20 | 2 | 6 | | | 6 |
| 21 | — | — | — | — | — |
| 22 | 1 | 4 | | | 4 |
| 23 | — | — | — | — | — |
| 24 | 1 | 4 | | | 4 |
| 25 | — | — | — | — | — |
| 26 | 2 | 5 | | | 5 |
| 27 | 1 | 5 | | 2 | 7 |
| 28 | — | — | — | — | — |
| 29 | 2 | 5 | | | 5 |
| 30 | 2 | 10 | 3 | 2 | 15 |
| 31 | 1 | 5 | | | 5 |
| TOTAL | 21 | 72 | 5 | 5 | 82 |

Submitted By: Paula Hamilton

FT-P115/60

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 275
HOMESTEAD, FLORIDA

Date October 31, 1965

Memorandum

To: District Park Ranger, Mangrove District

From: Supervisory Park Ranger (Park Ranger) Castleberry

Subject: Monthly Narrative Report for the Month of OCTOBER, 1965

General

Weather Conditions:

| Maximum Temp. | Minimum Temp. | Mean Max. | Mean Min. | Ppt. |
|---|---|---|---|---|
| 88 | 61 | 84.5 | 72.4 | 8.35 |

Comments: Strong N. winds were common, Fla. Bay waters rough. Small Craft warnings were displayed on 3 days in E. Fla. Bay, Rainfall was heavy.

Increase or Decrease in Travel: Total visitor days increased by 9%, over October 1964.

Campground use - Flamingo (trailers) _____
(tents) _____
Total Visitor Days _____

Camper Use - Lostman's River
Total Visitor Days _____

Camper Use - Florida Bay
Total Visitor Days 35

Boat Travel:

Rental Boats (Flamingo) _____ Visitor Days _____
Sightseeing Boats (Flamingo) _____ Visitor Days _____
Ramp Boats (Flamingo) _____ Visitor Days _____
*Skiff Rentals, live (Flamingo) _____ Visitor Days _____
Charter Boats (Flamingo) _____ Visitor Days _____
*Boats observed (estimated - Lostman's River _____
Visitor Days _____
*Boats observed (estimated) - Florida Bay 1175
Visitor Days 4118

*Boats entering from outside

**Visitors:** Oct. 11, Mr. Michael & Mr. Lloyd, S.E.R.O.
Oct. 19, Supt. Joseph, Reg. Dir. Cox, Mr. Tom Morse, & Mr. & Mrs., Jerry Anderson, B. O. R.
Oct.24, Pat Caulfield, Editor "Modern Photography" magazine.
Oct.28, Mr. Winthrum, Research Div., State Conservation Agency.

**Special Activities:** By boat, took Supt. Joseph, Mr.Cox and party to inspect Islandia (proposed Natl. Mon.), and to Pennekamp State Park for trip to the Coral Reef. OCT. 19.

**Miscellaneous:**

## Administration

**Personnel:** Sub-district Ranger, Castleberry, returned Sept. 27, from 3 mos. session at Albright Training Center, Grand Canyon Arizona.

## Conservation, Interpretation and Use

**Interpretive Services:**

**Research & Observations:** Small groups of Roseate spoonbill, seen at Cowpens Cut & at Grouper Creek, no nesting activity observed. All old Crocodile nests inspected, had been covered & smoothed over by winds & tides of hurricane "Betsy".

**Protection:**

**Boat Patrol Mileage:** 775 **Vehicle Patrol Mileage:** 487

Much of the Sub-district activity involved inspection of Commercial fishing boats and issuance of Stone Crab permits. Spent 3 days working with Gene Saunders on special "Anti Poaching" patrols, this and subsequent boat patrols failed to discover any signs of illegal activity in Florida Bay.

Stone Crab season opened Oct. 15, special patrols were made along the E. boundary, to assure compliance with regulations. Several operators were contacted but no violations found.

Fire Protection: All fire extinguishers in the Sub-district were inspected and found to be O K.

Maintenance: As a result of Hurricane "Betsy", considerable time was spent replanting damaged trees & shrubs, cleaning up debris from the yard etc. Assisted in the cleaning and remarking of the channel at Buoy Key. Constructed new channel markers for Fla. Bay.

Concessioners:

Complaints: Received numerous verbal complaints from Comm. stone crab fishermen regarding the new regulations which affect their activities. The 2 major complaints were the limit of 200 traps per man and their exclusion from certain parts of Fla. Bay.

Safety & Health: The mechanical resuscitator at the Key Largo station, was inspected and found operable.

1 Cylindrical first Aid kit was installed in the 14' Starcraft Skiff.

## Resource Planning
## Cooperation with Other Federal, State or Local Agencies

Personal, public relations contacts, were made with staff members from Monroe Co. Sheriff Sub-station, Pennekamp State Park, Fla. Conservation Agency, and U.S.Coast Guard.

## Public Affairs

General Publicity:

Public Relations: Considerable time was spent contacting the various Fed., State and Local Agencies, following my prolonged absence, and at various fish houses where Commercial fishermen congregate, explaining the new fishing regulations.

Signed: _____

E P-P125/60

EVERGLADES NATIONAL PARK
P. O. BOX 275
HOMESTEAD, FLORIDA

MONTHLY PUBLIC USE REPORT, MANGROVE DISTRICT — October, 1965

| | Boats | People | CURRENT MONTH | CALENDAR YEAR TO DATE |
|---|---|---|---|---|
| 1. TOTAL VISITS (entry by boat) | | | | |
| a. Florida Bay, non-commercial | 1000 | 3500 | | |
| b. Florida Bay, commercial fishermen | 175 | 263 | | |
| c. Cape Sable, non-commercial | | | | |
| d. Cape Sable, commercial fishermen | | | | |
| e. Flamingo, slip rentals | | | | |
| f. Estimated uncounted boats (1/3 of a & c) | | | | |
| 2. OVERNIGHT VISITS | | | | |
| a. Accommodations, concessioner | | | | |
| b. Accommodations, private inholdings | | | | |
| c. Designated campsites, tents, Flamingo Campground | | | | |
| d. Designated campsites, trailers, Flamingo Campground | | | | |
| e. Undesignated campsites, tent, (campground overflow) | | | | |
| f. Undesignated campsites, trailer, (campground overflow) | | | | |
| g. Other overnight | | | | |
| Aboard private boats, Cape Sable | | | | |
| Aboard private boats, Florida Bay | | 250 | | |
| Primitive sites reached by boat, Cape Sable | | | | |
| Primitive sites reached by boat, Fla. Bay | | 35 | | |
| Commercial fishermen, Cape Sable | | | | |
| Commercial fishermen, Florida Bay | | 70 | | |
| Rental houseboats, Flamingo | | | | |
| 3. TOTAL VISITOR DAYS (add lines 1 and 2) | 1175 | 4118 | | |

MONTH

4. SPECIAL USE DATA
   a.
   b. Persons, entering by boat from Keys and West Coast
   c. Boats, entering from Keys and West Coast
   d.
   e.
   f. Persons in vehicles actuating traffic counter at Buttonwood Creek

5. MULTIPLIERS
   a. Private autos X 3.5 b. Private boats X 3.5 c. Commercial boats X 1.5

6. REMARKS
   a. Commercial fishermen are included in lines 1, 2g, 4b, and 4c

7. OTHER SPECIAL BOAT USE (visitors)
   a. Flamingo rental skiffs
   b. Flamingo sightseeing tours
   c. Flamingo ramp boats
   d. Flamingo charter boats

TOTAL BOATING USE - - VISITOR DAYS (lines 1a - 1f, 2g, 7a - 7d)

Residents of each state except IDAHO, NEVADA, & NORTH DAKOTA visited the Royal Palm area this month. Foreign countries represented follow:

| CANADIAN | U.S.TERRITORIES | FOREIGN |
|---|---|---|
| British Columbia | | France |
| Manitoba | Canal Zone | Belgium |
| Newfoundland | | Japan |
| New Brunswick | | Argentina |
| Ontario | | Germany |
| Quebec | | Austria |
| | | Nigeria |
| | | Dom. Republic |
| | | Equador |
| | | Australia |
| | | Pakistan |
| | | Denmark |
| | | Holland |
| | | England |
| | | Switzerland |
| | | Chile |
| | | India |
| | | Phillipines |
| | | Spain |
| | | Kenya |
| | | Italy |
| | | Nicaragua |
| | | New Zeland |
| | | Ireland |

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27
5010-107

Chief Rangers Office

UNITED STATES GOVERNMENT

# Memorandum

A2615

: Glades District Ranger

DATE: October 31, 1965

: Tamiami Subdistrict Ranger

T: Monthly Narrative Report - October 1965

## General

Weather Conditions; Rain ocurred on 10 days this month. The greatest amount per 24 hour period amounted to 1.91 inches. Cool fall weather during latter part of month brought welcome relief from summer heat. Glade water tables in Subdistrict at end of month permitted safe airboat travel over all named trails in the Subdistrict.

| | 1965 | 1964 |
|---|---|---|
| Maximum | 92 | 92 |
| Mean maximum | 87 | 84.9 |
| Minimum | 62 | 57 |
| Mean Minimum | 70 | 68.7 |
| Rainfall | 5.52 | 6.48 |
| Rain Days | 10 | 10 days |

Travel: Visitors for the month on the SVLR were 1106 cars and 3884 people.

Visitors: Mr. Waring Mikell, Regional Chief of Maintenance
Mr. Irvin Lloyd, Regional Programs Officer
Mr. C. S. Gloe, Geologist, Victoria Australia Mr. Gloe accompanied Aaron Higer and Dr Craighead on an airboat trip to SRV to take soil samples.
Dr. Anthony Stalk, M.D. and P.H. D., Amsterdam Holland Mr. Stalk is author of scientific and popular books on wildlife.

Special Activities: The subdistrict ranger accompanied Regional Personnel Waring Mikell and Irvin Lloyd to inspect damage by hurricane Betsy to SVLR and other facilities in the area. The need for a new source of water to supply trailer site on SVLR was given further consideration.

The subdistrict ranger made trip to Park Headquarters to read and indicate possible corrective changes in a manuscript that is to appear in the National Geographic. The title, "Alligators, Imperiled Monsters Of The Everglades" by Treat Davidson.

Dr. Craighead, Aaron Higer and a visiting geologist from Australia were taken by airboat to SRV to take core samplings in this area of the park.

## Administration

Personnel:

Seasonal Ranger Ben Coen entered on duty at Tamiami Subdistrict Oct. 10.

## Conservation, Interpretation and Use

**Research and Observations:**

Twenty four hours of the Subdistrict Rangers work time this month was devoted to trips afield in connection with Park Liguus Tree Snail Research Project. Collaborator Archie Jones accompanied on field trips during which considerable planning, mapping, and distribution of Liguus Tree Snails in selected hardwood tree hammocks was accomplished.

Continued assistance was given by Tamiami personnel to U.S.G.S. Wildlife and Water Resources Team on various aspects of this Park Research Project.

Two trips by airboat were made and seven(7) early Indian Mound Sites in Park were located, mapped, named, photographed, and a small amount of the culture of the mound builders removed from each mound.

Rangers Stokes, Benham, and Winte participated in operation which could be called, "Indian Mound Location".

**Protection:** Patrol mileage as follows:

| | |
|---|---|
| Road Patrol | 5299 |
| Weasel | 26 |
| WATER RESOURCES | 63 |
| Airboat | 335 |
| Total | 5723 miles |

During road patrols verbal warnings were given for minor infractions of both Park and Game Commission regulations.

Contacts were made with Park visitors, natives, and airboat and glade buggy enthusiasts at various places along old Loop Road and Highway #41.

Unscheduled early morning and evening patrols were made along Park road boundaries.

A total of eleven(11) daylight airboat patrols were made during which airboaters were contacted, boundary posting continued, and a close check kept for possible violations or signs of same.

**Wildlife & Fish Cultural Activities:**

Wildlife Officer Maple and Biologist Flagg of the State Game Commission shocked fish in the trail canal. Tamiami personnel assisted in netting the surfacing fish after they had been shocked and transferred them alive to Observation Tower for release. The catch was small because present high glade water table had scattered fish to the glades. The purpose of live fish release is to furnish natural food for concentration of alligator during low water period.

The state will do more shocking later and will inform headquarters so that Park personnel can have the fish.

Removal of rough fish from canals is a routine job that is done by the Game Commission annually.

Maintenance:

Approximately one quarter of Tamiami Personnel work time was taken up doing necessary maintenance tasks of subdistrict.

Resources Planning Cooperation With Other Federal Agencies:

An inoperative clock used for movement of pen redording of rainfall was replaced by U.S.G.S.

An incorrect U. S. Weather Bureau directional indicator inside Tamiami Ranger Station Office has been corrected to give proper wind directional changes.

Tamiami personnel assisted State Troopers in two accidents. One accident occured on Old Loop Road where two occupants of a car went into canal. The other accident occured two miles west of Ranger Station. This was a car motorcycle accident. Two riders of the motorcycle were thrown into the trail canal after impact.

U.S.G.S. was taken by airboat to P-33 this month.

Weather and water level data submitted to four other Federal Agencies.

Submitted by Erwin C. Winte

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 279
HOMESTEAD, FLORIDA 33030

REPLY REFER TO:
A2615

December 7, 1965

Memorandum

To: Superintendent

From: Chief Ranger

Subject: Monthly Narrative Report for the Month of November 1965 - Division of Resource Management and Visitor Protection

## General

Weather Conditions: November weather was generally fair with warm, sunny days and cool evenings. Rainfall was scattered, ranging from 3.52 inches at Royal Palm to .35 inches at Flamingo. Cumulative figures for 1964 show that 49.70 inches of rain fell at the Royal Palm gauge compared with 69.84 inches for 1964. The water table throughout the Park continued to drop at a rapid rate. The Taylor Slough gauge read 3.20' at the end of November compared with 4.09' on October 31, 1965. 3.44' was recorded on Nov. 30, 1964.

The following is a weather summary for the month:

| Station | Max. Temp. | Mean Max. | Min. Temp. | Mean.Min. | Rainfall |
|---|---|---|---|---|---|
| Royal Palm | 87° | 82.7° | 54° | 62.7 | 3.52" |
| Tamiami | 86° | 81.7° | 71° | 66.6 | 2.38" |
| Flamingo | 84° | 81.4° | 58° | 65.4 | .35" |
| Key Largo | 83° | 80.2° | 61° | 69.7 | 1.71" |
| Everglades | 88° | 82.3° | 55° | 63.3 | .69" |

Increase or decrease in travel: Visitation increased by 3,527 persons or an increase of 6% over November 1964. The year to date figure now stands at 882,729 persons for an increase of 20%. Concessioner activities showed a decrease of 28% over November 1964, however, a 17% increase was noted for year to date. Camping also showed a decrease of 47% compared to November 1964, but an increase of 8% was noted for year to date. Possibly, the publicity on water conditions is a contributing factor.

Visitors from all of the 50 States, except Alaska, Nevada, South Dakota, Vermont and Wyoming entered the Park during November, as well as representatives from six Canadian provinces and the following foreign countries: Germany, Brazil, Australia, Belgium, Holland, Scotland, Japan, England, Guatemala, Utanga Province, South Africa, Spain, Austria, Colombia, Argentina, Sweden, Bermuda, Korea, New Zealand, Curacao, Peru, Lebanon, Denmark, and Uraguay.

List of visitors is attached.

Special Activities: Supervisory Fire Control Aid Don Pumphrey took a party of six Government officials and Mr. W.Hiker of Aerojet Corp for a trip in the glades in the trackmaster.

Gulf Coast ~~Mangrove~~ District rangers went on a trip through the Park areas with 16 writers and editors. The trip was arranged by J. Walter Thompson Advertising Agency for Eastman Kodak Company and the Johnson OB Company. These writers represent sixty million readers. The Park received much favorable exposure as a result of the trip.

Fla. Bay Sub-district Ranger Castleberry took Dr. Cain and Superintendent Joseph and party on an all day tour of the proposed Islandia National Monument.

Ranger Markette took Mr & Mrs Penfold (Isaac Walton League), Art Marshall, US Fish and Wildlife Service, and two Australian guests of the Marshall's on a boat trip to Tarpon Bay and the Cape Sable Coastal area.

Ranger Klukas took Mr. Penfold on a trip into Florida Bay.

## Administration

Personnel: All members of the Ranger Division attended the Annual Administrative Training Conference held on Nov 16 thru 19. Ranger Castleberry presented a slide program on the wearing of the NPS uniform.

The following seasonal personnel entered on duty during the month of November.

FCA Leslie L. Burnett, first season in Everglades NP
FCA Benjamin W. Coen, " " "
FCA Leray H. Dillon, second " "
Ralph C. Johnston, 13th season in Everglades NP
Lyle I. Rogers, third season " "
Roger L. Ronek, fourth season " "

Supv. Fire Control Aid Don Pumphrey returned to duty on November 16 after spending almost 4 weeks in Virginia awaiting the birth of his and Diana's first child.

Supv. Park Rangers Dillon and Ben Coen were terminated on Nov. 13 and assigned as Seasonal Fire Control Aids effective November 14.

Supv. Park Ranger Max Holden and family moved into their new quarters at Tamiami Ranger Station. Max assumed his new duties there on November 19.

Ranger Markette received a promotion and assignment as Cape Sable Sub-District Ranger.

Chief Ranger Kerr attended the Coast Guard Boarding and Boat Inspection Training School at Newport News, Va., for one week the latter part of November.

Safety and Health: District Ranger Benham attended the Safety Training Seminar at Harpers Ferry, W. Va. for one week. The seminar started on November 29.

## Conservation, Interpretation and Use

Interpretive Services: Gulf Coast District rangers accompanied the Asst. Chief Naturalist and 13 Ranger-Aides around the Chokoloskee-Everglades area, and on a concessioner boat trip.

Research & Observations: Mangrove District Ranger Stokes made two trips from the 40-Mile Bend area to locate and write up Indian mounds. 17 mounds were visited which had no numbers and had not been recorded previously.

Small groups of Wood Storks were observed throughout the month in the Gulf Coast District. One large group of approximately 50 were seen in the Gopher Key area; also noted were several Mangrove Fox squirrels in the back areas, including one in the town of Everglades.

Large numbers of alligators were noted at scattered locations throughout the Gulf District.

Roseate Spoonbills were observed nesting in large numbers on Tern Keys and in lesser numbers at Cowpens.

The Cuthbert Lake rookery was approximately 35% destroyed by Hurricane Betsy, there are less than 100 nests in various stages of disrepair still visible. On November 21, approximately 12 Anhinga, 50 Cormorants and 15 Coots were noted in the Mangrove district area. A few Anhinga and Cormorants appeared to be nesting. White pelicans are returning and few Wood Ibis were observed. Alligators were observed in Florida Bay along the shore in front of the motel at Flamingo.

Dr. Craighead was taken on two reconnaissance trips into lower Taylor Slough to locate sites for mangrove dike planting.

Ranger McKinney was assigned to the controlled burning research project under the supervision of Park Biologist Robertson. Lay-out work on all study plots to be used this year was completed.

Protection: Thirty-seven commercial permits were issued. Boats had to be inspected before permits were issued which required a ranger to be at the boat basin in the Gulf Coast district on twelve half-days of the month.

Thirty-five boats were checked for fish catches. Fishing was good with bluefish and mackerel coming in close to shore.

Six written warnings and several verbal warnings were issued for violations of boating regulations. One written warning and three verbal warnings were issued for taking undersized fish.

One court case was heard during the month, for possession of firearms. The defendant was found guilty and his weapon was confiscated.

Two vehicle accident investigations were made; one involved a government vehicle and the other a Park visitor. No injuries were sustained in either accident and damage was minor.

Deer hunting season opened on November 13. The Entrance Station opened at 4:00 a.m. to issue permits for airboats, glades buggies and firearms (114 special permits issued). Early morning and night patrols by airboat and truck and unscheduled patrols were continued throughout the month.

Six burning permits were issued during the month.

Sub-district Ranger Winte reported a deer killed by a panther.

| Patrol mileage: | | |
|---|---|---|
| | Vehicle | 4,062 |
| | Boat | 2,641 |
| | Glades vehicle | 29 |
| | Airboat | 711 |
| | Park plane | 5,500 |

Forest Fire Protection: All Glades District rangers, assisted by rangers from Gulf Coast, Key Largo and Flamingo were engaged in controlled burn at Pine Island. This year, all of the Pine Island area will be control-burned for protection from fires sweeping in from the glades. Heavy ground fuels, particularly pine needles, have accumulated due to Hurricane Betsy.

Building Fire Protection: Ranger Carlson and FCA Pumphrey demonstrated use of fire extinguishers during the Administrative Training Conference.
Two practice sessions with the fire truck were conducted at Flamingo.
All fire equipment was checked and needed repairs made in preparation for the fire season.

Sanitation: Two inspections were made of the eating, motel and cottage facilities at Flamingo.

Wildlife and Fish Cultural Activities: One young crocodile (2 ft long) was captured at John Pennekamp State Park swimming area and released at Bear Lake.

Concessioners: Everglades Park Co. rental skiffs were inspected. District Ranger Cook and Sub-District Ranger Markette met with Mr. Knight and EPCo. staff regarding housekeeping standards in the motel and cottages.

## Resource Planning

Cooperation with other Federal, State or Local Agencies: USGS personnel finished marking points and photographing in the area to make new charts.

Ranger Castleberry assisted the US Coast Guard in search for an overdue boat near the Park boundary.

Dade County Ranger Jim Keen and six members of his staff were invited to attend the Fire Training Conference. Mr. Keen gave a talk on the role of the Florida Forest Service will take in fighting fires in our mutual protective zone. The Florida Forest Service is the only cooperating agency equipped to fight fires in the open glades.

Cooperating non-Government Agencies: Dr. Wood, Professor at the University of Miami, and two students were taken by airboat to the Shark River Valley. The students will make occasional airboat trips to the valley to gather plant material for study purposes. This study is a National Institute of Health Grant - Periphytons of the Everglades.

## Public Affairs

Public Relations: The Superintendent and Assist. Chief Ranger Maxwell attended two meetings with local fishermen regarding the new fishing regulations.

Glades District personnel entered a large tractor trailer, with fire equipment, in the Veterans Day Parade in Homestead.

Ranger Castleberry, Supt. Joseph and Mgmt Asst. DeWeese attended a meeting of Directors of Islamorada Chamber of Commerce regarding their proposal to have Islamorada officially declared the "Southern Waterway Entrance to Everglades National Park".

Robert I. Kerr

Enclosure

Visitors for the month of November 1965:

Mr & Mrs John S. Gottshalk, Director, Bureau of Fish & Wildlife Service
Mr Art Marshall, Field Director, Bureau of Fish & Wildlife Service
Mr & Mrs E. E. Bolz, friends of Congressman Paul Rogers
Mr. Joe Penfold and wife, Isaac Walton League, Washington, D.C.
Mr. Fred Truslow, photographer, National Geographic Magazine
Dr & Mrs David Morgan, Australia (guests of Mr Art Marshall)
Mr. Merle Stitt, biologist, Washington office
Mr. Jack Boucher, NPS photographer, WASO
Mr. S. Pete Haydon, representative, Arkansas State Legislature
Dr. Stanley Cain, Asst. Secretary, USDI
Mr. Lorenzo Walker, State Representative, Collier County, Naples, Fla.
Mr. Joe Bernstein, Metro Newspaper Service, New York
Miss Patt Bodine, NY Telegram and Sun, New York
Mr. George Bush, Better Homes and Gardens, New York
Miss Carole Depner, American Girl magazine, New York
Miss Florence deSantis and Gigi de Santis, Bell Syndicate, New York
Mr. Art Eidell, Family Weekly, New York
Miss Elizabeth Fegol, Good Housekeeping, New York
Elinor Kassak, True magazine, New York
Mr & Mrs J. Kerr, American Girl, New York
Mike Kinzer, Popular Photography, New York
Ronnie Leonards, American Girl, New York
Patricia Patterson, Mademoiselle, New York
GayPierson, Teen Magazine, New York
Helen Staunton, Hall Syndicate, New York
Webb Trout, UPI, Chicago Radio, Chicago, Ill.
Bernie White, Argosy magazine, New York
Mr. Rikuro Iwata, Tokyo, Japan, State Dept. Guest of Dr. Grobman, Ministry of Education & Health.
Mr. Edward H. Abbuehl, EODC
Mr. Robert C. Moore, HRB Singer Corp. State College, Pa.
Mr. Francis E. Kaprocki, HRB Singer Corp., State College, Pa.
Mr. William J. Schneider, USGS, Washington, D.C.
Mr. Davis O'Bryan, USGS, Washington, DC
Mr. G. Sprugel, NPS, Washington, DC
Mr. Lowell Sumner, NPS, Washington, DC
Mr. Alfred Besler, Holiday Magazine, New York
Mr. Donald E. Lee, NPS, Washington, DC

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Everglades National Park

REPLY REFER TO:

Memorandum:

To: Chief Ranger

From: District Ranger, Gulf Coast District

Subject: Monthly Public Use Report, Gulf Coast District, November, 1965

Total Visits 5652
1. Persons in office 35
2. Persons on boat tours 138
3. Persons entering park by boat 5514

Line 2g Other overnight 230
4b Special Use Data 5284 persons entering park by boat
4c Special Use Data 1867 boats entering park waters

Respectfully submitted
Richard A. Stokes
Richard A. Stokes

ENP-P119

(Rev. 11/65)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
AND
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 279
HOMESTEAD, FLORIDA 33030

Date 12/2/65

Memorandum

To: Chief Ranger

From: District Ranger Stokes

Subject: Monthly Narrative Report for the Month of November 19 65.

## General

Weather Conditions:

| Max. Temp. | Mean Max. | Min. Temp. | Mean Min. | Rainfall |
|---|---|---|---|---|
| 88° | 82.30° | 55° | 63.30° | .69 |

Comments:
.31 of rainfall fell on 10/23.

Increase or decrease in travel: There were 5652 total visits as compared to 5728 last year for a decrease of 1%.

Campgrounds & Camper Use:

| | Tents | Trailers | Total Visitor Days |
|---|---|---|---|
| Glades | | | |
| Flamingo | | | |
| Lostmans River | | | |
| Fla. Bay | | | |

List of Visitors (Full names, affiliations, addresses)

Lorenzo Walker - State Rep. Collier County, Naples, Fla.
Joe Bernstein - Metro Newspaper Service - New York
Patt Bodine - N. Y. Telegram & Sun - New York
George Bush - Better Homes and Gardens - New York
Carole Depner - American Girl - New York
Florence deSantis and Gigi di Santis - Bell Syndicate - New York
Art Eidell - Family Weekly - New York
Elizabeth Fegol- Good Housekeeping - New York
Elinor Kassak - True - New York
Barbara & Justin Kerr - American Girl - New York
Mike Kinzer - Popular Photography - New York
Ronnie Leonards - American Girl - New York

List of countries and states represented: (Con't Visitors)

Patricia Patterson - Mademoiselle - New York
Gay Pierson - Teen Magazine - New York
Helen Staunton - Hall Synicate - New York
Webb Trout - UPI Chicago Radio - Chicago
Bernie White - Argosy - New York
Lawrence - Stamps -Conheim Wh'hd Syn. - New York

Comments:

These 16 writers represented on the trip taken through the Park area by Gulf Coast Rangers represented 60,000,000 readers.

Boat travel

| | | Visitor Days |
|---|---|---|
| FLAMINGO: | Rental boats<br>Sightseeing boats (Everglades City)<br>*Slip rentals<br>Charter boats | 128 |
| LOSTMANS RIVER: | *Boats observed (est.) | 200 |
| FLORIDA BAY: | *Boats observed (est.) | |

*Boats entering from outside 1867 (Everglades City)

Special Activities:

On Wed. Nov. 10 all rangers in district were engaged in a trip with the writers, editors, etc. mentioned under visitors. This trip was arranged by J. Walter Thompson Adv. agency for the Eastman Kodak Co. and the Johnson OB Co. The Park received much favorable exposure as a result of this trip.

On. Wed. Nov. 24 the District Ranger attended two sessions sponsered by the Naples Chamber of Commerce for employes of various public service groups to acquaint them with things to see in the Naples area. A short talk was given on the park. About 135 persons were in attendance.

Miscellaneous:

## Administration

Personnel:

Kenneth O. Morgan - 2 days annual leave

Safety & Health:

## Conservation, Interpretation and Use

Interpretive Services:

Ass't Chief Naturalist in area with 13 Ranger-Aides. Group shown around Everglades Chokoloskee area then taken on concessioner boat trip. Naturalist taken on boat trip to head of Turner River.

Research & Observations:

District Ranger made two trips from 40 mile bend area to locate and write up Indian mounds. 17 mounds were visited and these have no numbers nor have they been recorded previously. There are several more to be found in this area.

Wood Storks have been seen in area through out the month but mostly in small groups. One large group of 50 was seen in Gopher Key area.

Several Mangrove Fox squirrels have been seen in back areas of district including one in town.

Large numbers of alligators are being seen at scattered locations by rangers and visitors.

Protection: (use separate sheet if not enough space here)

Thirty seven new commercial permits were issued. This means boats were inspected permits typed up and sent in for signature. Twelve ½ days were scheduled for this operation. At least one ranger was at boat basin on these days to accomplish these inspections.

Thirty five boats were checked for fish catches. Fishing has been good as a whole with bluefish and mackeral comming in close to shore.

Ranger personnel made two trips to Lostman's to aid maintenance in unloading dock materials and rescueing sunken barge.

District personnel spent one week in headquarters attending fire and administrative training schools.

Patrol mileage:

| | |
|---|---|
| Vehicle | 310 |
| Boat | 918 (down from average due to schools inspections etc |
| Glades vehicle | |
| Airboat | |

(For Hq: Park plane)

Forest Fire Protection:

Building Fire Protection:

Maintenance:

Contract was made with local charter boat to haul pilings to Lostman's River Station. Ranger accompanied him on trip to aid in loading and unloading.

Bids were gotten for painting quarters.

Sanitation:

Insects & Tree Diseases:

Wildlife & Fish Cultural Activities:

Concessioners:

Concessioner Sammy Hamilton has a new boat Capt. This man has been checked out and told about Park by District Ranger and Ranger Morgan has gone on trip with him.

Complaints:

## Resource Planning

Boundary Adjustments:

Cooperation with other Federal, State, or Local Agencies:

USCGS has finished marking points in area and they have photographed areaain preparation to making new charts.
Miami Marine Lab. was at Lostman's River Station for 4 days.

Cooperating non-Government Agencies:

State, County, or Municipal Legislation:

## Public Affairs

General Publicity:

Public Relations:
Two meetings were held with local fishermen regarding new fishing regulations. They were on the 2nd and 29th. Supt. and Assistant Chief Ranger attended meetings. An attempt was made to iron out mistakes in making new regulations. This was done fairly well all though we made certain concessions which would not have been made if the District Ranger of the District had been listened to four years ago.

Burroughs
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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
and
FORT JEFFERSON NATIONAL MONUMENT
P. O. BOX 279
HOMESTEAD, FLORIDA 33030

EPLY REFER TO

A2615

January 10, 1966

Memorandum

To: Superintendent

From: Chief Ranger

Subject: Monthly Narrative Report - December 1965 - Division of Resource Management and Visitor Protection

## General

Weather Conditions: Warm days and balmy nights delighted tourists visiting south Florida during December. One short-lived cool front passed through the area sliding temperatures to the lower 40's. For the most part temperatures in the high 70's prevailed. Rainfall was extremely light and scattered with only 0.20 inches being recorded at Royal Palm. With the light precipitation, water tables continued their steady drop. Taylor Slough gauge read 2.01 at the end of the month compared with 3.20 the last day of November and 2.54 for December 1964. The following is a weather summary.

| Station | Max. Temp. | Mean Max. | Min Temp. | Mean Min. | Rainfall |
|---|---|---|---|---|---|
| Royal Palm | 87° | 81.6° | 40° | 53.6° | 0.20 |
| Tamiami | 88° | 78.5° | 48° | 59.5° | 0.62 |
| Flamingo | 81° | 76.8° | 48° | 58.6° | 0.70 |
| Key Largo Everglades | 84° | 77.1° | 45° | 55.8° | 0.17 |

Increase in Travel: Visitation to Everglades National Park continued its upward trend started 12 months ago. A total of 94914 people entered the area for a record-breaking December visitation. This is 9½ percent above December last year. Year-end figures showed that 23 percent more people entered the Park in 1965 than in 1964. A total of 977,643 persons were reported for the year. Concessioner operating at Flamingo also showed marked increase, 16½ percent more people used his facilities in December this year than last and 20 percent increase for the year was recorded.

Even with the poor condition of the expanded campground at Flamingo 18 percent more people used Park campgrounds during December and the yearly

total was swelled by 9½ pedcent over 1964.

Persons from all but one state entered the area during the month. Only North Dakota was not represented; also visitors from three Canadian provinces and the following foreign countries were recorded: Peru, West Germany, Czeckoslovakia, India, Switzerland, Pakistan, Australia, Belgium, South Africa, Honduras, Nicaragua, United Kingdom, Mexico, Austria, Turkey, France, Dominican Republic, Colombia, Afghanistan, Laos, and Cuba.

Visitors:

Mr. Richard C. Montgomery, Engineer, Washington Office, NPS
Mr. Al Bester, writer for Holiday Holiday Magazine
Dr. George Sprugel, Biologist, NPS, WASO
Mr. Donald E. Lee, Land and Water Rights, NPS WASO
Mr. Joseph M. McDade, U. S. Representative from Pennsylvania
Mr. John R. Buckley, Secretary to U. S. Representative Dante Fascell
Mr. Merle Stitt, Biologist for Northeast and Southeast Regions, NPS
Dr. Ferguson Wood, University of Miami Institute of Marine Science, Coral Gables
Mr. Gardnar Stuart, Trustee, Museum of Natural History, New York, N.Y.
Senator and Mrs. Spessard L. Holland, Bartow, Florida
Mr. and Mrs. Bernard T. Campbell, Superintendent, Hot Springs National Park
Mr. George Stevens, Channel 4 TV, Miami, Fla.
Dr. John Davis, Cotanist, University of Florida, Consultant to the U. S. Corps of Engineers
Dr. Ernest Fort, Botanist, University of Florida

Special Activities: Rangers were asked the first of December to keep close track of the number of hours spent handling special groups of VIP's and special assignments. Records show that 201.5 man-hours were spent on this endeavor.

The Inter-County Telephone Co. dedicated new phone system at Flamingo. The ceremony also celebrated the 100,000 installation of the company. U. S. Senator Holland was the guest of honor and placed a call to Director Hartzog in Washington to celebrate the event.

Miscellaneous: The Munroe houseboat (Surfside 6) which sunk at the dock during Hurricane Betsy was raised and moved from the Flamingo area the latter part of the month.

## Administration

Personnel: The following seasonal employees entered on duty during December:

| | |
|---|---|
| Edward P. Abbey, Park Ranger | 12/6/65 |
| Richard E. McCamant, Park Ranger | 12/6/65 |
| Jim Lockhart, Park Ranger | 12/6/65 |
| William B. Whitney , Fire Control Aid | 12/8/65 |
| Webster R. Clark, Park Ranger | 12/22/65 |

Supervisory Park Ranger Carl S. Christensen returned to duty on 12/28/65 following his attendance at a three month's ranger training school at Grand Canyon.

Safety and Health: A concession employee, while off duty, fell from the Flamingo Visitor Center breezeway to the pavement below fracturing his skull. This accident is being investigated and a special report prepared.

Four emergency cases were taken to the Homstead hospital by Rangers stationed at Flamingo. With the exception of the accident mentioned above all turned out to be of a minor nature.

The Park Safety Committee held a meeting at Headquarters and later inspected the Pine Island and Flamingo areas.

## Conservation, Protection and Use

Interpretive Services: Ranger-led Boat-a-Cades conducted from Flamingo and Everglades were started again this season. These boat trips have proven very popular with ranger leading a group of privately-owned boats to the back country waters of the Park. The Outdoor Editor of the Chicago Tribune, Tom McMally, was in the area working on an article on Everglades. He was shown around Everglades, Florida by District Ranger Stokes. District Ranger Stokes and personnel from the Mangrove District made talks in five schools with total attendance of 297 persons.

Ranger personnel assisted interpreters in manning the entrance informational booth during the Christmas week rush.

The interpretive trails at Mahogany Hammock and Pa-Hay-Okee were opened early in the month following repair of damage caused by Hurricane Betsy in September.

Research and Observation: Continuation of the Mangrove Dike project. Approximately 200 mangrove seedlings were planted along the lower end of Taylor Slough. Dr. F. C. Craighead (Park Collaborator) directed this project.

Park Ranger Zeb V. McKinney who has been assigned to the Long Pine Key Control Burn Project completed his study plots during the month. It is planned to burn Block A early in January.

Under the direction of Park Naturalist and Dr. Archie Carr 500 juvenile green turtles were released from the Cape Sable beaches. This is the second time this year such releases were made.

The Florida Bay Annual Christmas Bird Count was conducted on December 29. Park Rangers assisted by furnishing transportationfor some of the participants.

Protection: Hunting patrols were increased during December as pressure along the Park boundaries continued to mount. Heavy hunting was noted along the 10-Mile Corner area and the Park's east boundary. Trespass by two airboats and one glades buggy was noted. These trespasses were presumably made by hunters. One court case involving a car traveling at excess speed was held before U. S. Commissioner. The defendent pleaded guilty and was fined $15. One citation was issued for each of the following violations: speeding, reckless driving, fishing in closed areas; four roal warnings were given for littering from a boat. This practice is quite common in marine areas. Rangers are attempting to instill the litterbug message to boat owners and operators.

Patrols into the headwater regions of the Gulf Rivers indicate that the alligators are moving into the area as the water table subsides. No signs of 'gator poaching were seen during December.

Patrol mileage for the Park was as follows:

| | |
|---|---|
| Vehicle | 19,754 |
| Boat | 3,843 |
| Glades vehicle | 62 |
| Airboat | 829 |

Forest Fire Protection: As a presuppression measure to avoid fire spreading through the Park lands, the old Tamiami Trail, about six miles of shoulder were burned of accumulated fuel matter. This is the third year that this project has been carried out. Control burn in the Pine Island Residential Area was accomplished early in December. A small wild fire started along the Park road approximately one mile south of Pa-Hay-Okee Overlook. Quick action by suppression crews limited its size to one acre.

Robert I. Kerr

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