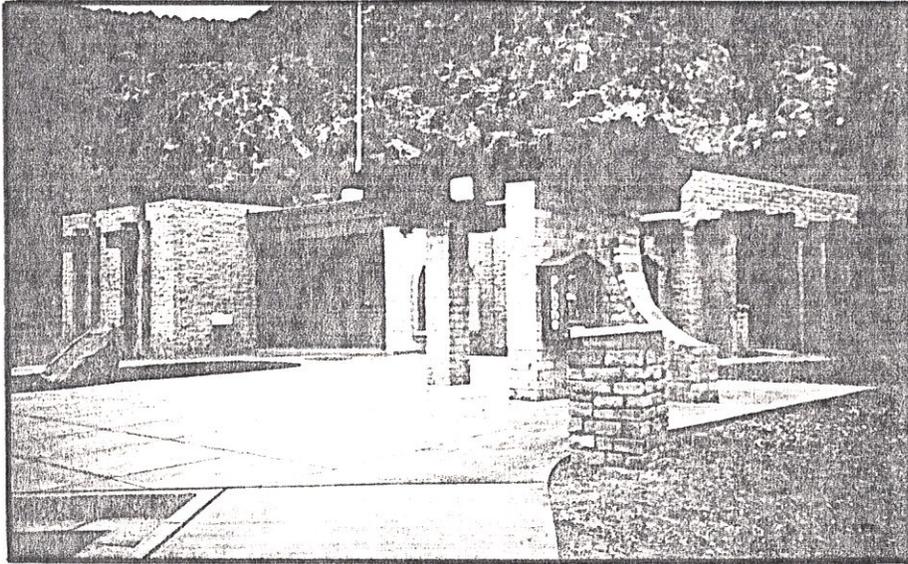


SUPERINTENDENT'S ANNUAL REPORT

1984

ZION NATIONAL PARK

75TH ANNIVERSARY



CELEBRATING THE DEDICATION OF THE
NEW KOLOB CANYONS VISITOR CENTER



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ADMINISTRATION AND MANAGEMENT

Travel Figures for 1984

Zion National Park recorded 1,566,480 visitors in 1984, a 12 percent increase over 1983. This represents a new visitation record which previously was shown as 1,405,205 visited Zion in 1981. Part of the increase is attributed to the opening of the new visitor facility at Kolob Canyons, located alongside Interstate Highway 15.

Special Visitors

January	Ms. Judy Mayotte, WTBS, Atlanta, Georgia. Researching documentary on parks.
February	Mike and Karen Manheim. Travel writers.
April	Mr. Bob Stock. Utah Museum of Natural History. Ms. Alison Burnett, Utah Travel Council (with 20 tour guides on Lufthansa Familiarization Tour).
May	Mr. Paul Kanitzer, French Director of the Mulhouse Cultural Association. Ms. Janice Platt, CBS Morning News, and film crew. Mr. Michael Werbeck, West German landscape architect. Mr. Phil Shadecoff, New York Times reporter, doing article on the parks.
July	Belgian TV crew, accompanied by a representative from the Utah Travel Council. Ms. Lorraine Mintzmyer, Rocky Mountain Regional Director of NPS, to participate in Zion Diamond Jubilee celebration and dedication of new Visitor Center at Kolob Canyons. Mr. Harold Danz, Associate Regional Director, Rocky Mountain Region. Mr. John Lancaster, Superintendent, Glen Canyon National Recreation Area.
August	Governor Tom Keene, New Jersey, on a vacation trip. Mr. Alfredo Fermanelli, Italian Specialist-Conservation of Nature.
September	Artist Charles Harper, accompanied by Marc Sagan of Harpers Ferry Center (NPS). Mark Eubank, KUTV Channel 2 Meteorologist, spoke to park personnel and gave site-specific forecasts for "Narrows" hikers.

October Deputy Regional Director Jack Neckels and Associate Regional Director Homer Rouse, Rocky Mountain Region, and spouses.
 Superintendent Bob Haraden and Assistant Superintendent Jack O'Neill, Glacier National Park.
 Mr. Bryan Alderman, Manager for the National Trust (Great Britain).

Diamond Jubilee

Special festivities were held during the year to commemorate the 75th anniversary of the establishment of the park as Mukuntuweap National Monument in 1909. The biggest event took place on establishment day (July 31) with the dedication of new facilities at Kolob Canyons and an "Old Timers Picnic" at the Nature Center in Zion Canyon. Regional Director Lorraine Mintzmyer was the keynote speaker.

Kolob Canyons Visitor Center

The Zion Natural History Association completed construction of a \$138,000 facility in April, and donated it to the National Park Service (free and clear) at ceremonies in July. As a management efficiency move, the staff of Cedar Breaks National Monument was relocated from offices in the Federal Building in Cedar City to the new location 18 miles south along I-15. The Superintendent of the Monument now serves as the Area Manager of the Kolob Canyons district of Zion in addition to his former duties.

Management Efficiency Program

In keeping with a WASO required report, Zion continued to show a very active volunteer (VIP) program. Thirty seven volunteers donated 10,185 hours in 1984, which relates to a dollar value of \$74,853. Both Watchman and South Campgrounds were covered by VIP Campground Hosts for the first time. A total of \$1,001,424 was reflected as the dollar value utilized in Zion over and above legislated funding. A large portion of that includes the ZNHA \$138,000 building donation and the Concession (TW Services) investing \$724,000 for improvements made to government-owned facilities.

Major Construction Activities

Three major construction projects began in 1984, with most of the work due for completion in May 1985. They are:

1. Lodge area--includes constructing 80 new rental units (to replace 88 units (Frontier Cabins) that were removed in October), and rehabilitating parking areas, lawn, sidewalks, and related facilities.
2. Utilities--includes undergrounding of electric power lines, phone lines, and connecting in to the Springdale Sanitation District sewer line from the Lodge down to the Headquarters area near the South Entrance. Water system improvement at Grotto, Wylie Springs, and Birch Creek is also part of the package.

3. Tunnel--includes rock-bolting of known fracture areas of the rock wall in the one mile long tunnel, and installing a monitoring and alarm system.

Budget and Finance

The park has an authorized funding amount of \$1,624,900 for FY84 , and 60 FTE's.

Special funding accounts for the year were PRIP (Park Restoration and Improvement Program) \$177,500; FLHP (Federal Lands Highway Program); \$736,000 (includes tunnel work); Jobs Bill (carryover) \$38,800; Lump Sum \$75,000, and Air Quality \$3,000.

Cedar Breaks authorized funding totaled \$154,800, with an additional \$139,400 for PRIP projects.

Pipe Spring funding level was \$158,800.

Personnel

Staffing of permanent employees at Zion numbered 43 positions in 1984. This consisted of 33 permanent (full-time), 6 subject-to-furlough, 1 part-time, and 3 temporary positions filled pending A-76 determinations.

The Superintendent presented a parkwide re-organization plan to the Regional Position Review Committee in Region in December. Work will continue on the plan in 1985.

Cedar Breaks had 4 permanent employees, of which 1 was subject-to-furlough.

Pipe Spring had 4 permanent employees (full-time).

The Secretary position in the Superintendent's office was filled in August following a resignation.

Training

All three areas had active training programs. The Zion Nature Center was used for in-house training, hosting Region-sponsored zone-type training courses, and providing other agencies with a training facility to host general sessions on subjects that park employees could benefit by attending.

A total of 76 employees and 2510 hours were dedicated toward formal training courses and 94 employees and 379 hours given to in-house skills and orientation training. All mandatory type training was received.

A Cooperative Education Student from Colorado State University was employed for his first work period, as a Park Ranger, during the summer and fall. He spent the summer at the newly activated Kolob Canyons area and the fall at Headquarters to gain more in-depth work experience in other divisions. He is scheduled to complete the second work period under the agreement in 1985.

Employee Relations

There exists an active Equal Opportunity Committee that serves all three areas. Efforts were made to assist minorities at local colleges in filling out applications for seasonal employment, obtain an equitable representation of minorities and women on the workforce, and carry out special programs at general parkwide meetings.

The Special Emphasis Coordinator set up two Federal Women's Program sessions attended by nearby parks, other agencies, and other business women. She also received the Regional Director's Special EO Award (and plaque) for FY84.

Two 8-A (minority) contracts were issued for jobs at Zion during the year, and purchasing from minority and women-owned businesses exceeded park goals.

There were no formal EO grievances filed at any of the three areas.

Awards

There were nine Special Achievement Awards presented throughout the year, along with two Quarterly Safety Awards and commendation letters.

Property and Procurement

The Purchasing Agent, GS-07 position, was vacated during the year, and the position re-described to fit the criteria for a Contract Specialist required under the new procurement regulation. The position classified out as a GS-09, and will be filled in early 1985.

An extensive property inventory update is underway, and will be completed in 1985. Plans are underway to relocate Procurement Clerk from the administration office to the warehouse in the maintenance area to better facilitate property management efforts.

Concessions

A new 20-year concession contract was formally signed with TW Services, Inc., to provide basic accommodations, facilities, and services as outlined in the contract. They have been granted a right-of-first refusal to provide such additional similar concession services as may be deemed necessary by the National Park Service. The contract expires on December 31, 2003.

The Western Cabins were totally rehabilitated and given a three-diamond rating by AAA; the kitchen at the Lodge was redone and new equipment installed, and the snack bar received major renovation. This was done by TWS as a part of the contract calling for "improvements" in the government-owned facilities. Total investment was approximately \$724,000.

The Bryce-Zion Trail Rides, Inc., contract expired December 31, 1984. Work is underway in drawing up a new contract based on the Statement of Requirements drafted in 1984. It appears, at this time, that the old contract will need to be extended for one year.

The Concession Management Specialist, GS-11, transferred to Grand Teton in November as Concession Management Specialist, GS-12. A Concession Assistant position, GS-4/5/6, was authorized by WASO, and the position filled in the fall. The present GS-11 position is being advertised and will be filled in early 1985.

INTERPRETATION AND RESOURCE MANAGEMENT

Resume of Interpretive Operations

Regularly scheduled interpretive programs began on March 18 and ran through November 2. Operations included 10 seasonal NPS field interpreters, two SCA and one VIP field interpreters and two part-time information desk Park Aids. The Chief Naturalist position (GS-025-12) was reclassified during the year.

The Zion Canyon Visitor Center was kept open daily all year with maximum hours from 8 a.m. to 9 p.m. in the summer and minimum hours of 9 a.m. to 5 p.m. in the winter. In 1984, this facility was operated 60 percent of the time with non-NPS employees.

The two concession operations conducted numerous interpretive activities as follows during FY-84:

529 1½ hour tram trips for 10,589 visitors
 100 1-hour bus narrations for 3,500 visitors
 670 1-hour horseback trips for 4,514 visitors
 402 3-hour horseback trips for 2,922 visitors

Members of Zion's interpretive staff wrote training guides for the above operations, conducted training sessions and audited the activities for accuracy, professionalism and interpretive techniques.

A summary follows of participation in scheduled NPS interpretive events:

	<u>1983</u>	<u>1984</u>	<u>\$ Change</u>
Roving interpretive contacts	15,978	20,557	+ 28.7
Naturalist choice talks	4,233	4,304	+ 1.7
Conducted walks and hikes	9,968	10,544	+ 5.8
Evening programs	56,326	44,093	- 21.7
Zion Canyon Visitor Center attendance	<u>567,684</u>	<u>579,080</u>	<u>+ 2.0</u>
	654,189	658,578	+ .7

The number of roving contacts increased, in part, due to having Campground Hosts at both the South and Watchman Campgrounds this year. In addition, more interpretive personnel were scheduled directly at Zion Lodge in the afternoons which facilitated more contacts, both quantitatively and qualitatively.

It should be noted that some of the overall successes of the 1984's interpretive program can be directly linked to the availability of interpretive SCAs and VIPs who contributed over 1,000 hours of desk duty, gave over 70 walks/hikes/talks and provided numerous roving contacts.

Four buses delivered a significant percentage of the visitors in the Zion Canyon Visitor Center during the spring and fall months; many others arrived during the summer, but the overall percentage of visitation was much lower than in 1983. The Zion Canyon Visitor Center recorded 728 buses with 23,345 passengers--13.9 and 14.7 percent below the 1983 totals of 846 and 27,630 respectively.

The newly revised Zion folder was received this year. It is in color, much larger than the mini folder, and has a greatly improved map on the back.

Environmental Education Program

The Zion Nature Center celebrated its 11th season of operation this year. Classes began on June 5 and ended August 4 with a total attendance of 1144 participants, which is a 21.8 percent increase over 1983. The age group is 6 through 12. Seasonal naturalists presented show and tell programs to the children each afternoon using bird study skins, rock samples and plant specimens. The Zion Natural History Association donated a total of \$5,160 for this activity, which paid teacher salaries.

In addition to the above, Division employees visited the Springdale Elementary School in September and October and presented several environmental education programs.

Cooperative Association Activities

The new Kolob Canyons Visitor Center was constructed with money donated by the Zion Natural History Association, which is the second largest in gross sales in the Rocky Mountain Region. This \$138,000 building provides on-site management capabilities for the northwestern section of Zion. It was dedicated on July 31, 1984 in conjunction with the Diamond Jubilee Celebration. Other programs/projects of ZNHA included the publication of the long awaited geology book, The Sculpturing of Zion and progress was made on several other publications. A special Diamond Jubilee newspaper was printed for distribution to park visitors.

The Friends of the Kolob grew in membership and donations. As of September 30 there were 85 new members who had donated \$4,435 during the 1984 fiscal year.

Financially, ZNHA fared well. Gross sales were up from last year by 4 percent to \$376,544. The purchase of the Zion Lodge cabins from the National Park Service and their subsequent sale to the public resulted in an additional cash flow that came at an opportune time following the expense sustained during construction of the new Kolob facility.

ZNHA paid for the weather forecasting services of Weatherbank, Inc. which helped provide for a safer use of the Narrows by thousands of hikers.

Aid to the National Park Service totaled \$203,875 in FY84.

Visitor Protection

Law Enforcement: A total of 744 incidents occurred in 1984, including 638 case incident reports, 62 courtesy tags and 44 violation notices. There were 31 motor vehicle accidents, 5 of which involved personal injury. Part I offenses numbered 23, including 20 larcencies, 2 burglaries and 1 assault. Loss from larcencies totaled \$6,052. Livestock trespass continued to be a problem with 67 reported incidents.

Safety: The new Loss Control Management Program was implemented, and the Documented Safety Plan re-written to the new format. Emphasis was placed on the warning and prevention of accidental falls. This and other themes were the focus for weekly tailgate and monthly parkwide safety meetings. Two fire/safety inspections were conducted of park facilities this calendar year. A total of 8 employee accidents occurred in the park--2 YCC, 1 ZNHA, 5 NPS, of which one was a lost time accident. There were 52 documented personal injuries among visitors, which reflected a 50 percent decrease from 1983. There was one traumatic visitor fatality, a fall from the middle Emerald Pool area. The Park Safety Officer position was vacated in August, and has been temporarily handled by the Chief Park Ranger.

Fee Collection: User fees collected in 1984 totaled \$491,910. Entrance fees amounted to \$297,532 and campground fees \$194,378. A full-time self-registration fee system was implemented in the campgrounds. Compliance checks were conducted regularly.

Search and Rescue: A total of 24 SAR incidents occurred in 1984. Ten of these incidents involved searches, none of which were major. The 14 remaining incidents involved rescue techniques of various types. Of the 24 incidents, 10 involved the Zion Canyon Narrows and 1 resulted in a fatality from a fall at Emerald Pools. The newly established Zion Medical Clinic and a state-approved ambulance, both located in Springdale, were used on numerous occasions.

Climbing: With the institution of a voluntary climber registration system, statistical data relative to climbing activity no longer exists. Portions of the Great White Throne and Cable Mountain were closed April 1 through August 31 due to the nesting activities of Peregrine Falcon in this area.

Special Use Permits: A Special Use Permit was issued to LeGrande Spilsbury for a Spring and Fall stock drive through LaVerkin Creek. No other special permits were issued during the year.

Fire Prevention and Suppression:

The Park's Structural Fire Team responded to four fires, three of which were mutual aid response under the terms of the 1984 Cooperative Agreement

with the Sprindale/Rockville Fire Protection District. Regular training sessions were conducted and included burning down of an old structure that had been "surveyed." The team "saved" the structure 7 or 8 times before allowing it to burn.

The yearly precipitation for Zion in 1984 was 16.61 inches. This compares to a record precipitation year in 1983 of 25.64 inches. The average is 15.23 inches.

Resources Management

Natural:

The Backcountry Management Action Plan was revised to provide a long range philosophical framework for managing and zoning the backcountry. Implementation appendices were written, including a Narrows Management Plan--to optimize visitor safety and to assure resource protection in the narrow-canyons of the park.

A Fire Management Action Plan (FMP) was written and given public review. Final approval of the plan is expected in early 1985. There were eleven wildland fires during the fire year, three of which were man-caused. Five fires were suppressed, five were deemed natural fires that presented no threat to life or property and were allowed to burn to natural barriers. The Hollow-Fire was approved as a prescribed natural fire and was allowed to burn as a "containment" fire in a trial implementation of the FMP.

The Land Protection Plan received satisfactory WASO review and was approved for printing by the Regional Director in 1984. Any future actions dealing with private property within the park boundary, access issues, and livestock trespass will be in accordance with the new plan. Several programs implemented in 1984 curtailed some amount of livestock trespass and assured visitor access over private property to backcountry areas.

Assistance was given the Regional Office in the assessment and subsequent recommendation to WASO on ten BLM wilderness study tracts that lie adjacent to the park boundary.

Assistance was given to the Air Quality Office in Ft. Collins in realigning the telephotometer at Lava Point. The Zion Canyon telephotometer is still being maintained and gathering data for the main canyon.

The solar panel units for the old setup at Lava Point were relocated to the Ranger cabin area, and have been hooked into the residence to supply a needed energy source for systems in the house. This unit was transported to NPS from EPA at no cost.

A measurement was again taken this year of Kolob Arch, and the same team used the same process on Landscape Arch in Arches National Park. According to that team, they feel Kolob is the largest know free-standing arch, but others challenge that statement and measuring technique.

A Peregrine Falcon survey was conducted in late May with funding from the Peregrine Fund. At least two new eyries were located, and the total observed population was about tripled. This was very encouraging news.

Preliminary information gathering has started regarding water adjudication that is to be taking place on the Virgin River and its tributaries. That and other water activity issue information has been relayed to Region.

Four endangered plant surveys were conducted in 1984, all associated with proposed and approved construction activities going on this winter in Zion. The power company was given assistance in locating the alignment for the undergrounding of the overhead lines in Zion Canyon, and a check-list has been completed that addresses the landscaping and rehabilitation work that will need to be accomplished in 1985 by several of the contractors and sub-contractors after completion of the work.

Cultural:

Under the direction of the Midwest Archeological Center (Lincoln) and with the approval of the Regional Archeologist, a survey was conducted in Zion, Parunuweap, and La Verkin Canyons to locate any archeological sites, inventory them, and double check locations of those previously located. Also, curatorial work is presently underway with the Zion collection, which is on temporary loan to MWAC in Lincoln.

The Regional Office of Park Planning and Preservation sent a team to look at all buildings and structures eligible for the List of Classified Structures. They were inventoried, photographed, and a report made to determine those to be further nominated to the National Register of Historic Structures. The report should be completed in 1985.

MAINTENANCE

The Chief of Maintenance and Assistant Superintendent attended a training session at Albright Training Center on Maintenance Management Systems, and have worked together in 1984 to begin gathering necessary data to begin implementation of portions of an MMS plan.

The phase-in plan of MMS will be enhanced with information garnered from the A-76 program. The 1984 effort was in Grounds/Custodial. In lining out activities for PIP in 1985 and seeking a Most Efficient Organization (MEO), the staff in maintenance is optimistic in coming up with a good preventive maintenance program and improve on the 10-year cyclic maintenance plan.

A good portion of 1984 was spent on A-76, special project supervision, and working on the NPS portion of the #201 package on the Lodge "sewer, water and other facilities" improvement.

Special projects in Zion in 1984 included Emerald Pool footbridge, Oak Creek auto bridge, rehabilitation of Birch Creek dam, Emerald Pool trail, repaint 22 quarters, re-roof dormitory and shop, Kolob Canyons (sewer, water, and

The Region-sponsored Cooperative Education Program student from Colorado State University spent the summer of his first work period at Kolob Canyons. He was involved in gathering basic data, inventorying the trails, and adjusting operations of a new area to the visitor needs.

Total staffing needs for this newly-developed section have not yet been fully funded or resolved. Staffing was supplemented in 1984 with the use of two SCA's (financed by ZNHA), and three ZNHA sales people to operate the sales counter area.

OTHER

Special Events

The Diamond Jubilee of Zion was celebrated throughout the year, with formal activities taking place on July 31 with the dedication and donation of the Kolob Canyons Visitor Center as well as the Oldtimers Barbeque at the Nature Center. Numerous public officials and NPS retirees attended both activities, along with the Regional Director and several other key Regional personnel.

On September 6, 7, and 8, Zion hosted the eighth annual southern Utah Folklife Festival at the Zion Nature Center and the Obert C. Tanner Amphitheater. An estimated 8,000 people thronged to the many interesting and informative display booths and musical programs.

Assistant Chief Park Naturalist Given coordinated and compiled the Annual Zion National Park Christmas Bird Count held December 27.

Several tours organized and hosted by the Utah Travel Council visited Zion and members of the Interpretive staff served as guides for some of the trips through Zion Canyon.

A few concerts and special programs took place on the Zion Lodge lawn or at the South and Watchman Campground Amphitheaters throughout the summer, drawing several nice crowds to the fun musical programs.

Volunteer-in-Parks Program

The Volunteers-in-Parks program continues to add significantly to meeting Zion's needs, and has grown consistently over the last few years to this year's record of 37 volunteers who donated 10,185 hours in 1984, worth about \$74,853. Special note is made on Zion's first international VIP--Martha Manser of Switzerland--who spent twelve weeks serving in a variety of challenging and rewarding assignments here.

The Campground Host program was expanded to cover both campgrounds and resulted in numerous favorable responses from staff and visitors alike. New park records were set by Chuck and Jean Ritter who donated 1,436 and 1,442 hours respectively as Campground Hosts for the South Campground.

road slope/check dams), and Lodge cabin roof/electrical rehabilitation. Total special projects funding in which maintenance was directly involved or supervised ran close to half a million dollars. This was in addition to the normal maintenance program, which ran \$637,000, and 25 FTE's.

Kolob Terrace: Accomplished major road drainage repairs, remodeled Ranger cabin, retrofitted the solar photo-voltaic system, and replaced water storage tank.

CEBR: Assisted with road preparation for major chipseal job, electrical repairs to Ranger office and cache, and plowed out road for spring opening.

PISP: Advised on maintenance projects, assisted in burying dead horse, and inspecting contracted work projects.

Backcountry: Rehabilitation of Kolob Arch trail (SCA high school group), Hop Valley fence project, East Entrance trail and bridge repairs, and other trail brushing and minor repair.

Zion Canyon: Front Country Trails-Emerald Pool re-route of upper trail, new footbridge, and major repair to Watchman and other flood-damaged trails. Buildings-Reroofed 8 quarters, complete rehabilitation of Nature Center, rehabilitated interior of 6 quarters, and continued energy retrofit on 4 quarters. Utilities-Hired and trained new utility systems operator, and started developing "maintenance and operations" manual and doing "as-maintained" drawings. Roads-Preventive maintenance by cracksealing 25 miles of road and 2 miles of shoulder repair, cleanup and repair from two major summer thunderstorms that caused extensive flooding, work on slump area on switchbacks and the normal cleanup of ditches and drains from falling rock/debris. Shop-New mechanic hired in August, and major cleanup of shop area.

KOLOB CANYONS DISTRICT

(Administered by CEBR Staff)

On April 16, 1984 the new Visitor Center at Kolob Canyons was opened to the public, and the Cedar Breaks staff move from the Federal Building in Cedar City was completed. The facility was built by Riley Construction Company of Beaver, Utah with funds provided by the Zion Natural History Association in the amount of \$138,000. Visitation at Kolob Canyons totaled 88,183 in ±1984 with 10,455 persons entering the Visitor Center. Sales totaled \$4003.00 in 1984. Federal Lands High Program funds provided an enlarged parking lot at the Visitor Center, improved drainage control, relocated water and power lines, and re-profiled cut banks on the canyon road. Zion National Park employees constructed the sewer system for the Visitor Center and housing area which included gravity flow lines, septic tanks and leach fields. The mobile home was relocated to the north about one quarter mile, and served as seasonal housing for the Park Ranger and Cooperative Education student.

The "Friends of the Kolob", as an auxiliary group of the Zion Natural History Association, provided additional funding to assist the Association in adding the flagpole, entrance sign, plaque, and the 'yet to be reviewed' exhibits from Harpers Ferry for the outdoor display.

Student Conservation Association

Zion again received three Student Conservation Association Park Assistants who each worked in Zion Canyon for twelve weeks performing a variety of interpretation and resource management tasks. ZNHA paid for housing.

YCC Program

The YCC program was conducted as a non-residential, 8 week program with 14 enrollees (7 female/7 male). Eighteen projects were completed during the program with the principle projects being Emerald Pools and West Rim Trail restoration, funded by PRIP.

Media Relations and Public Affairs

Contacts with the local and civic organizations were maintained throughout the year. Special emphasis was placed on contacting civic/chamber of commerce groups in joining the "Friends of the Kolob", an auxiliary group attached to the Zion Natural History Association, whose efforts were to raise funds to purchase such items as the flagpole, entrance sign, exhibit panels, and a plaque for the newly constructed Kolob Canyons Visitor Center.

Several TV filming crews were in Zion to obtain material for programs to be shown on Prime Time Access, PM Magazine and national network programs. Numerous live radio interviews were given to update summer visitor activities available, and over thirty prepared news releases were sent out to papers, radio stations, and TV on monthly use figures, special events, and on-going activities.

Zion was used as the location for numerous commercial TV advertisement segments and film shots for movies. Permits were issued, no credit lines requested, and the general visiting public was not subjected to any undue inconvenience.

Cooperation With Other Agencies

The interagency meetings initiated at Zion in 1983 between BLM, Forest Service, and NPS were continued. The principal land manager of each represented area met in June and October to discuss mutual problems and concerns, as well as share with the other the activities taking place within their respective areas.

Several meetings were held this year with two area resource managers and the Cedar City district of BLM to discuss and keep the other agency apprised of issues relating to wilderness, mineral leasing, mining activity, recreation planning and other associated land use subjects.

The park staff assisted the Regional Office by doing the yearly check on the BLM Joshua Tree NNL site, and identified some proposed test-drill sites that were to take place in 1984. Good cooperation was received from BLM in providing needed information.

The Superintendent attended a meeting in Richfield between several NPS areas and three BLM districts to discuss mutual problems and the need to update an old Memorandum of Understanding between the two agencies covering the units in the State of Utah.

Several meetings were held with the staff of the Five County Association of Governments, and included data base input from Zion for a recreation study being done by the FCAOG. The Association decided to support the Zion "Land Protection Plan" that was put out for public review. This was, in part, accomplished because of the support from the Executive Director of FCAOG and a special presentation to the Association by the Superintendent pointing out the difference from the old "acquisition" plan.

Meetings were held with BLM, USFS, State Division of Wildlife Resources and local law enforcement agencies. Mutual fire aid agreements were revised and signed. A biennial Cougar Workshop, hosted by the State Division of Wildlife, was held at the Zion Nature Center. Cooperative relations with local, state, and Federal law enforcement officials continued during 1984.

Contacts were made throughout the year by aides of both US Senators and the Congressman from District 1. Several contacts were also made with aides of the Governor's office, as well as two personal contacts with Governor Matheson.