**NPS**

**PROJECT SUMMARY**

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| **Cooperative Ecosystem Studies Unit**  **Cooperative Agreement Modification** | | | | | |
| FUNDING AGENCY:  National Park Service | | | | | |
| MODIFICATION NO.: **[ insert # ]** | | COOPERATIVE AGREEMENT NO.:**1200-99-009** | | FUNDING AMOUNT: **$3,800** | |
| INVESTIGATORS:  **Rod Parnell** | | | | | |
| PROJECT TITLE:  **Mapping/Reconnaissance** | | | | | |
| EFFECTIVE DATES:  September 1, 1999 — January 1, 2000 Continuation June 1, 2000 — March 1, 2001 | | | | | |
| PROJECT ABSTRACT:    **Earth crack, caves, and blowholes are an unusual and important aspect of the geology of the Wupatki National Monument area. This study will map and conduct field reconnaissance of earth cracks and similar features at Wupatki. Field survey will include physical characterization of each site, cultural artifacts, and flora and fauna.** | | | | | |
| **Agency Representative:**  Ron Hiebert, NPS Research Coordinator  CPCESU  Northern Arizona University  P.O. Box 5765  Flagstaff, AZ 86011-5765  Tel: (520) 523-0877  Fax: (520) 520-8223  Ron.Hiebert@nau.edu | **Agency Administration Representative**  Lynell Wright  Budget Assistant  Intermountain Support Office  Denver, CO 80225-0287  Tel: (303) 969-2654  Lynell\_Wright@nps.gov | | **Investigator:**  Rod Parnell | | **Partner Admin. Contact:**  Claudette Piper  Grants & Contracts  Northern Arizona University  P.O. Box 4130  Flagstaff, AZ 86011  (520) 523-1656  [Claudette.Piper@nau.edu](mailto:Claudette.Piper@nau.edu) |
| ***List of Key Words: [Insert key words]*** | | | | | |
| ***Agency Manager @ Specific Park****:*    *Wupatki National Monument* | | | | | |
| *Annual Report Received:*  *Final Report Received:*  *Publications on File:* | | | | | |
| *This Modification is subject to all the provisions included in the Cooperative Agreement,****dated 6/22/99.*** | | | | | |

*Attach any supporting material as necessary.*