

Sunset Crater national monument, Arizona

Dec. 14, 1983

Took nature trail and took 4 photos; min temp. 30°F.

831214-1 to E with ponderosa pines highlighted on under slope at base of Sunset Crater. Lava flows that issue from base of W side Cone.

831214-2 lavas issuing from a deep fissure of lava flows.

831214-3 San Francisco Peaks and under bench in foreground. 2 chipmunks here.

Checked first 50' of ice core.

Continued on Wupatki National Monument loop road and at Wupatki Indian Site took 2 photos of structures to W.

831214-4 To W showing general how building ties in with Moenkopi. S.

831214-5 Moenkopi flat stones as walls.

33 Also checked Citadel Site. From here can see at least 12 other structures, some only piles of Moenkopi rock from which they built their structures. Some sites on Moenkopi, others on volcanic lavas covering Moenkopi & Kaibab limestone. photo 831214-6 of double crater and gopher digging

Continued loop road to 89, thence S thru Flagstaff to 179, thru Oak Creek Canyon to Sedona, thence 89A to Cottonwood where we camped.

This cone about 3 miles E of 89 junction on Nat. Mon (Wupatki) loop road.

Cottonwood, Yavapai Co., Arizona

Dec. 15, 1983

Frost on ground last night. 68 Brewer's blackbuds at camp. both ♂ &amp; ♀. On way S on highway 579 checked

Thousand Trails; they are just beginning to build check station. will be open April, May or June next year. (Dec 16, 1983)

Continued S on 179 to Sunset City at Phoenix and visited with Dr. Walter's. He is buying a house boat for Lake Powell (made in Salina, Kansas). My recollection that from Cottonwood to Phoenix, we saw approx. 25 ravens. Continued across Phoenix to Apache Junction and camped at Si Evans trailer court (Planas) for the night. Si walks 5 miles every day. we took him to a restaurant and a ride in the country. Love is to visit him during holidays.

Apache Junction, <sup>Maricopa</sup> Arizona

Dec 17, 1983

Left Si and followed 60 to Oak Flats just E of Superior on top first range.