



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN664

Site Name: Russett Peterson 17

Prehistoric

Other name(s) Field Site #29, Site 7

Historic

Unknown

Brief Description:

Middle-Late Woodland short-term resource procurement, lithic scatter

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 8

SCS soil & sediment code

Latitude 39.1011

Longitude -76.8048

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation m Site slope 0

Ethnobotany profile available Maritime site

Site setting

-Site Setting restricted

-Lat/Long accurate to within 1 sq. mile, user may need to make slight adjustments in mapping to account for sites near state/county lines or streams

Topography

- Floodplain
- Hilltop/bluff
- Interior flat
- Upland flat
- Ridgetop
- Terrace
- Low terrace
- High terrace
- Rockshelter/cave
- Hillslope
- Unknown
- Other

Ownership

- Private
- Federal
- State of MD
- Regional/county/city
- Unknown

Nearest Surface Water

Name (if any) Unnamed tributary of Little

- | Saltwater | | Freshwater | |
|--|--|--|--------------------------------|
| Ocean <input type="checkbox"/> | Estuary/tidal river <input type="checkbox"/> | Stream/river <input checked="" type="checkbox"/> | Swamp <input type="checkbox"/> |
| Tidewater/marsh <input type="checkbox"/> | Lake or pond <input type="checkbox"/> | Spring <input type="checkbox"/> | |

Minimum distance to water is 6 m

Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Archaic site

MD Adena

Early archaic

Early woodland

Middle archaic

Mid. woodland

Late archaic

Late woodland

- Contact period site
- ca. 1820 - 1860
 - ca. 1630 - 1675
 - ca. 1675 - 1720
 - ca. 1720 - 1780
 - ca. 1780 - 1820
 - ca. 1860 - 1900
 - ca. 1900 - 1930
 - Post 1930

Unknown historic context

Unknown prehistoric context

Unknown context

Ethnic Associations (historic only)

- Native American
- African American
- Anglo-American
- Hispanic
- Asian American
- Unknown
- Other

Y=Confirmed, P=Possible

Site Function Contextual Data:

Prehistoric

- Multi-component
- Village
- Hamlet
- Base camp
- Rockshelter/cave
- Earthen mound
- Cairn
- Burial area
- Misc. ceremonial
- Rock art
- Shell midden
- STU/lithic scatter
- Quarry/extraction
- Fish weir
- Production area
- Unknown
- Other context

Historic

Urban/Rural?

Domestic

- Homestead
- Farmstead
- Mansion
- Plantation
- Row/townhome
- Cellar
- Privy

Industrial

- Mining-related
- Quarry-related
- Mill
- Black/metalsmith
- Furnace/forge
- Other

Furnace/forge

Other

Transportation

- Canal-related
- Road/railroad
- Wharf/landing
- Maritime-related
- Bridge
- Ford

Educational

Commercial

- Trading post
- Store
- Tavern/inn

Military

Battlefield

Fortification

Encampment

Townsite

Church/mtg house

Ch support bldg

Burial area

Cemetery

Sepulchre

Isolated burial

Bldg or foundation

Possible Structure

Post-in-ground

Frame-built

Masonry

Other structure

Slave related

Non-domestic agri

Recreational

Midden/dump

Artifact scatter

Spring or well

Unknown

Other context

Interpretive Sampling Data:

Prehistoric context samples

Soil samples taken

Flotation samples taken

Other samples taken

Historic context samples

Soil samples taken

Flotation samples taken

Other samples taken



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Diagnostic Artifact Data:

Projectile Point Types			
Clovis	<input type="checkbox"/>	Koens-Crispin	<input type="checkbox"/>
Hardaway-Dalton	<input type="checkbox"/>	Perkiomen	<input type="checkbox"/>
Palmer	<input type="checkbox"/>	Susquehana	<input type="checkbox"/>
Kirk (notch)	<input type="checkbox"/>	Vernon	<input type="checkbox"/>
Kirk (stem)	<input type="checkbox"/>	Piscataway	<input type="checkbox"/>
Le Croy	<input type="checkbox"/>	Calvert	<input type="checkbox"/>
Morrow Mntn	<input type="checkbox"/>	Selby Bay	<input type="checkbox"/>
Guilford	<input type="checkbox"/>	Jacks Rf (notch)	1
Brewerton	<input type="checkbox"/>	Jacks Rf (pent)	<input type="checkbox"/>
Otter Creek	<input type="checkbox"/>	Madison/Potomac	<input type="checkbox"/>
		Levanna	3

Prehistoric Sherd Types

Marcey Creek	<input type="checkbox"/>	Popes Creek	<input type="checkbox"/>	Shepard	<input type="checkbox"/>	Keyser	<input type="checkbox"/>
Dames Qtr	<input type="checkbox"/>	Coulbourn	<input type="checkbox"/>	Townsend	<input type="checkbox"/>	Yeocomico	<input type="checkbox"/>
Selden Island	<input type="checkbox"/>	Watson	<input type="checkbox"/>	Minguannan	<input type="checkbox"/>	Monongahela	<input type="checkbox"/>
Accokeek	<input type="checkbox"/>	Mockley	<input type="checkbox"/>	Sullivan Cove	<input type="checkbox"/>	Susquehannock	<input type="checkbox"/>
Wolfe Neck	<input type="checkbox"/>	Clemson Island	<input type="checkbox"/>	Shenks Ferry	<input type="checkbox"/>		
Vinette	<input type="checkbox"/>	Page	<input type="checkbox"/>	Moyaone	<input type="checkbox"/>		
				Potomac Crk	<input type="checkbox"/>		

Historic Sherd Types

Earthenware	Ironstone	<input type="checkbox"/>	Staffordshire	<input type="checkbox"/>	Stoneware	
Astbury	Jackfield	<input type="checkbox"/>	Tin Glazed	<input type="checkbox"/>	English Brown	<input type="checkbox"/>
Borderware	Mn Mottled	<input type="checkbox"/>	Whiteware	<input type="checkbox"/>	Eng Dry-bodied	<input type="checkbox"/>
Buckley	North Devon	<input type="checkbox"/>	Porcelain	<input type="checkbox"/>	Nottingham	<input type="checkbox"/>
Creamware	Pearlware	<input type="checkbox"/>			Rhenish	<input type="checkbox"/>
					Wt Salt-glazed	<input type="checkbox"/>

All quantities exact or estimated minimal counts

Other Artifact & Feature Types:

Prehistoric Artifacts			
Flaked stone	756	Other fired clay	<input type="checkbox"/>
Ground stone	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/>
Fire-cracked rock	19	Unmod faunal	<input type="checkbox"/>
Other lithics (all)	5	Oyster shell	<input type="checkbox"/>
Ceramics (all)	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Rimsherds	<input type="checkbox"/>	Uncommon Obj.	<input type="checkbox"/>
		Other	<input type="checkbox"/>

Prehistoric Features

Mound(s)	<input type="checkbox"/>	Storage/trash pit	<input type="checkbox"/>
Midden	<input type="checkbox"/>	Burial(s)	<input type="checkbox"/>
Shell midden	<input type="checkbox"/>	Ossuary	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
House pattern(s)	<input type="checkbox"/>	Other	<input type="checkbox"/>
Palisade(s)	<input type="checkbox"/>		
Hearth(s)	<input type="checkbox"/>		
Lithic reduc area	<input type="checkbox"/>		

Lithic Material

Jasper	<input checked="" type="checkbox"/>	Fer quartzite	<input type="checkbox"/>	Sil sandstone	<input type="checkbox"/>
Chert	<input checked="" type="checkbox"/>	Chalcedony	<input type="checkbox"/>	European flint	<input type="checkbox"/>
Rhyolite	<input checked="" type="checkbox"/>	Ironstone	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	Argilite	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartzite	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input type="checkbox"/>
		Sandstone	<input type="checkbox"/>		

Dated features present at site

Historic Artifacts			
Pottery (all)	<input type="checkbox"/>	Tobacco related	<input type="checkbox"/>
Glass (all)	<input type="checkbox"/>	Activity item(s)	<input type="checkbox"/>
Architectural	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Furniture	<input type="checkbox"/>	Faunal material	<input type="checkbox"/>
Arms	<input type="checkbox"/>	Misc. kitchen	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Personal items	<input type="checkbox"/>	Misc.	<input type="checkbox"/>
		Other	<input type="checkbox"/>

Historic Features

Const feature	<input type="checkbox"/>	Privy/outhouse	<input type="checkbox"/>	Depression/mound	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Foundation	<input type="checkbox"/>	Well/cistern	<input type="checkbox"/>	Burial(s)	<input type="checkbox"/>	Other	<input type="checkbox"/>
Cellar hole/cellar	<input type="checkbox"/>	Trash pit/dump	<input type="checkbox"/>	Railroad bed	<input type="checkbox"/>		
Hearth/chimney	<input type="checkbox"/>	Sheet midden	<input type="checkbox"/>	Earthworks	<input type="checkbox"/>		
Postholes/molds	<input type="checkbox"/>	Planting feature	<input type="checkbox"/>	Mill raceway	<input type="checkbox"/>		
Paling ditch/fence	<input type="checkbox"/>	Road/walkway	<input type="checkbox"/>	Wheel pit	<input type="checkbox"/>		

All quantities exact or estimated minimal counts

Radiocarbon Data:

Sample 1: +/- years BP Reliability Sample 2: +/- years BP Reliability Sample 3: +/- years BP Reliability

Sample 4: +/- years BP Reliability Sample 5: +/- years BP Reliability Sample 6: +/- years BP Reliability

Sample 7: +/- years BP Reliability Sample 8: +/- years BP Reliability Sample 9: +/- years BP Reliability

Additional radiocarbon results available



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External Samples/Data:

Collection curated at Anne Arundel County Planning and Zoning

Additional raw data may be available online

Summary Description:

Russett Peterson 17 (also known as Site 29, Site 7, and 18AN664) is an apparent Middle-Late Woodland short-term resource procurement and lithic scatter site northeast of Laurel in Anne Arundel County, Maryland. The site is situated on a low terrace and floodplain near the confluence of a small unnamed stream and the Little Patuxent River. The unnamed tributary stream flows just to the south of the site. Most of the surrounding landscape is wooded in oak and maple, with occasional beech and pine. Soils at the site are Rumford loamy sands and silty Bibb soils.

The site was first identified in 1988 during the course of a Phase I reconnaissance survey of the "Russett Center" development property. The development would entail the construction of both single and multi-family residential structures and the associated roads, utility lines, public spaces, and other infrastructure to support the new development. Twenty-six archeological sites were identified in the development project area during this reconnaissance, 22 of which (including 18AN664) required additional follow-up investigations. The work was carried out pursuant to Anne Arundel County Planning and Zoning Regulations which require consideration for archeological and historical resources as part of the subdivision review process.

In the vicinity of 18AN664, the 1988 Phase I work entailed the excavation of 4 shovel test pits (STPs) along the unnamed tributary to the Little Patuxent. Most of these were at intervals roughly 100 m or more apart, but there was considerable variation in spacing due to field conditions. Soil from all shovel tests was screened through hardware cloth. Field notes and profile drawings were made for each shovel test. A chert flake was recovered from one of these STPs and was recorded as Site 29, and 2 quartz flakes, 6 pieces of shatter (1 quartzite and 5 quartz), and a piece of heated/fire-cracked rock were recovered from the surface and recorded as Site 7. Eventually, these two sites would be considered part of the same site (Russett Peterson 17 or 18AN664). Phase II testing was recommended to determine if a more substantial deposit was present.

Phase II work was carried out in 1989, again, as part of the Russett Center development project. This work was conducted at 5 of the previously identified sites, which would be detrimentally impacted by the proposed construction. Site boundaries were identified by surface collection and by excavating systematically and judgmentally placed shovel test pits and test units. STPs were placed at 7.62 m (25 ft) intervals in a grid pattern. Shovel tests varied between 40 and 60 cm in diameter. All soils were screened using hardware cloth and appropriate data were recorded on standardized forms. A total of 42 shovel tests were excavated, 19 of which fell within the "Site 7" area and 23 of which fell within the "Site 29" area. Only those within the westernmost "Site 29" area produced any artifacts. Ten STPs yielded prehistoric finds.

Phase II testing revealed that the site extended approximately 30 X 25 meters in horizontal extent. A total of 37 artifacts were found at the site, including 1 projectile point, 25 flakes, 1 piece of shatter, 2 hammerstones, 1 other lithic, and 7 heated/fire-cracked rocks. The projectile point was a jasper Jack's Reef corner-notched point, which dates to the Middle Woodland period. Based on these findings, twelve test units were opened up in two blocks at 18AN664.

Test units were all 1 X 1 m in size and were placed near Phase II shovel tests which yielded diagnostic artifacts or high lithic concentrations. The test units were placed in two blocks, situated in a north-south grid. Block A consisted of four contiguous test units placed in the south-central part of the site. However, based upon the lack of findings from Block A, a second group of test units was plotted forming Block B. Block B consisted of 8 contiguous units in the northwest corner of the site. Originally, in the first test unit, soils were excavated by arbitrary 5 cm levels into sterile subsoil. This was re-evaluated after completion of the unit, as the method appeared to be too time-consuming. The remaining units were excavated by natural strata. One or more walls of each unit were profiled to scale and then photographed. All soils were screened through hardware cloth.

No features were identified during the 1989 test unit excavations at 18AN664.

Artifacts recovered from the test units at 18AN664 include 3 Late Woodland triangular points (probably Levanna points), 4 triangular point fragments, 8 other bifaces or biface fragments, 2 scrapers, 3 utilized flakes, 667 flakes, 33 pieces of shatter, a pitted maul or wedge, a hammerstone, and 11 fragments of heated/fire-cracked rock.

Site 18AN664 can be temporally placed in the Late Woodland Period, based upon the three triangular projectile points and other unfinished bifaces, which were largely triangular in shape as well. These points and refitting evidence indicate a temporally limited occupation span. The only object recovered from the site, which does not fit the pattern is the Middle Woodland Jack's Reef point. Based on the facts that this was the only object made of jasper recovered from the site and that it bore evidence of reworking, researchers contended that the point was scavenged from elsewhere and reworked by the Late Woodland occupants of 18AN664.

The stratigraphic deposits at the site are relatively undisturbed. There is no evidence for historic plowing. A total of 8 groups of positive and second order refits were identified during examination of artifacts. The presence of the refits suggests that horizontal integrity has been maintained. However, there is evidence that some changes occurred in vertical redistribution. Based upon the large amount of debitage with little or no cortex, combined with the presence of so many small flakes, pressure flakes, thinning flakes, and the complete absence of cores, the evidence suggests that 18AN664 served as a highly specialized secondary lithic reduction area. Further, all accountable spatial and technological evidence suggests that this was a temporary activity locus rather than permanently sedentary locale.

Since completion of the Phase III data recovery project at 18AN664, the development of Russett Center proceeded and the site was very likely destroyed or severely disturbed during construction of a sewer line for the development. Fortunately, an adequate sample was recovered from the site to characterize it and the work conducted there in the 1980s and 1990s is well-documented. The site is no longer a significant archeological resource.

External Reference Codes (Library ID Numbers):

00000556, 00000628, 00000572