

FIGURING OUT FIGURINES: AN ONTOLOGICAL APPROACH TO
HOHOKAM ANTHROPOMORPHIC FIGURINES FROM THE PHOENIX
BASIN

by

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ABSTRACT

Anthropologists, and increasingly archaeologists, are using the word 'ontology' with escalating frequency. In Philosophy, where it originated, several subdivisions exist within the discipline, all of which deal with grouping *things* that exist into *categories*. What can archaeologists learn by taking this concept from philosophy and applying it to archaeology? Further, how do we recognize the ontologies of others, particularly those who did not leave a written record, in the archaeological record? The way that people categorize things plays a role in how they are disposed. Patterns in depositional practices emerge as visible traces in the archaeological record that allow us to recognize other people's ontologies. This is an important concept for archaeologists interested in addressing prehistoric value, since the value of a given object cannot be assessed without knowing how people in the past categorized things. In my work with anthropomorphic Hohokam figurines from the Phoenix Basin, I use an ontological approach to explore the life histories of figurines from their manufacture, through deposition in the archaeological record, and subsequent excavation in modern times. I then compare the figurine assemblage from recent excavations at La Villa (AZ T:12:148[ASM]) to see how it fits in the identified pattern.

CHAPTER 1

INTRODUCTION

Anthropomorphic ceramic figurines present a particular difficulty for Hohokam scholars. Figurines are ubiquitous at Hohokam sites across the Phoenix Basin; and as such, represent an important piece of evidence for reconstructing prehistoric ontologies. Because the processes behind their production, distribution, and use are largely unknown, and their iconography is often ambiguous or unclear to modern viewers, it has been common for researchers to focus on descriptive studies of this particular class of artifacts (Haury 1965, 1976; Love 2001; Morss 1954; but see Stinson 2004, 2010). Through the study of their life histories and depositional contexts, figurines offer a unique opportunity for scholars to explore prehistoric ritual beliefs and ontologies, as expressed through material culture.

My research is based on the comparison of different biographical histories and differential ontologies, past and present, associated with Hohokam anthropomorphic figurines from the Phoenix Basin (Figure 1.1). I employ a behavioral life history approach in conjunction with theories of materiality and specific attention to the pathways of discard. A life history approach considers the progression of interactions and activities that objects go through over the course of their existence (Hollenback and Schiffer 2010:320), from their manufacture, through deposition, subsequent excavation, and ultimately where they end up in the present day; whether they be curated in a museum of anthropology, on display

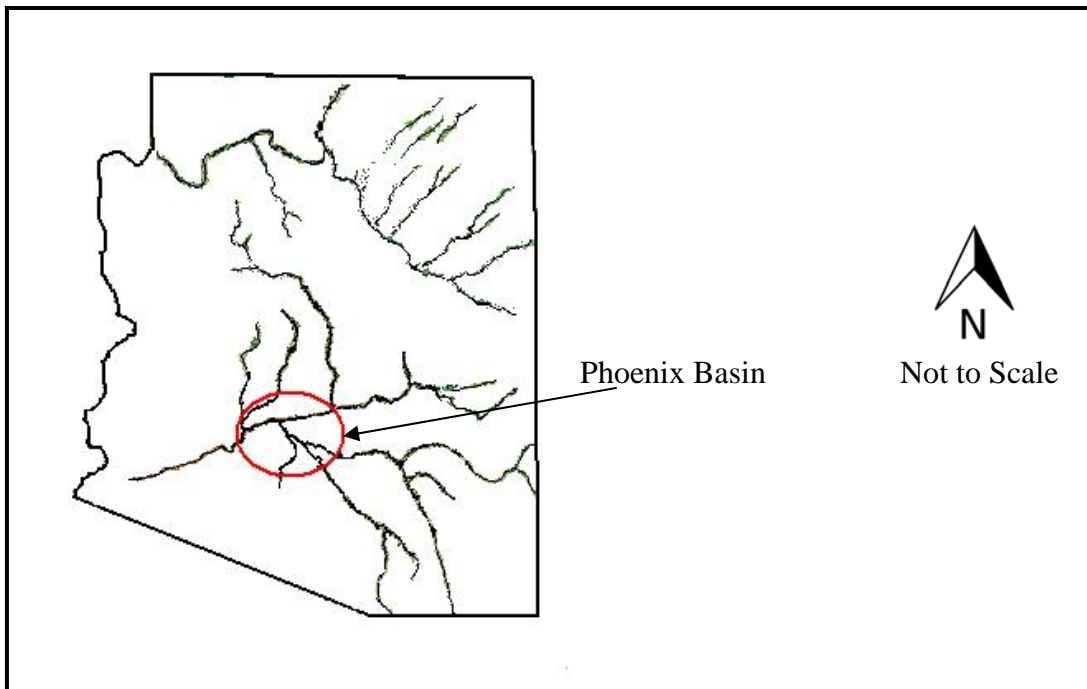


Figure 1.1. Location of the Phoenix Basin, Arizona.

in an art museum, or kept in a private collection. A materiality approach considers the interrelationships or different social contexts between humans and materials (Mills and Walker 2008:3; Meskell 2004:6). This includes the significance and meaning that objects have to the people who use them, as well as the reciprocal relationships between people and things that allow them to shape and influence each other (Mills and Walker 2008:3).

The goals of this study are threefold: (1) to synthesize, at a regional scale, the prehistoric contexts in which Hohokam anthropomorphic figurines are found in the archaeological record of the Phoenix basin; (2) to examine two figurine caches and other individual figurines recovered during recent excavations at the Hohokam site of La Villa (AZ T:12:148 [ASM]) in central Phoenix (Figure 1.2), to illustrate the differences in depositional contexts (pathways of discard); and (3) to use a life history approach to discuss the differential ontologies that are

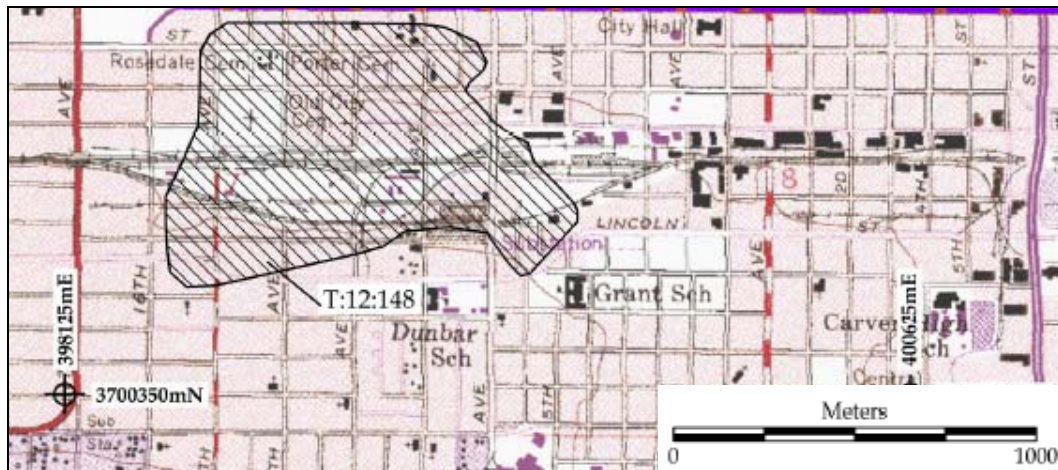


Figure 1.2. Reproduction of USGS 7.5-minute topographic quadrangle Phoenix, Arizona, showing the location of La Villa (AZ T:12:148 [ASM]).

ascribed to figurines over the course of their existence by the people who used them as well as by the archaeologists who analyze them.

Harris (1989) defines deposition as “the process of laying-down or accumulation of sediments and materials to form an archaeological context.” Joyce and Pollard (2010) use the concept of ‘structured deposition,’ an idea originally put forth by Richards and Thomas (1984), to argue that human intentions are at the root of archaeological deposits, whether they are primary or secondary, and that the role of the actor should be taken into consideration in interpreting the deposit (see also, Pollard 2008). Items that are used in everyday, pragmatic activities may not be deposited in the same way as objects with ritual or religious connotations. Thus, artifacts belonging to these two different categories would have different pathways of discard. Although two items may look similar to the modern observer, taking their individual pathways of discard into account

may lead to the conclusion that they were used for different purposes or were valued differently in the past.

A life history approach can be applied to the biographies of people, places, or things (Schiffer 2010). By looking at the life history of an object, one can gain insight into that item's manufacture (including where materials were procured), history of use, reuse, and how the object was discarded. Originally based on Schiffer's behavioral chain model (1975), this approach can help illustrate the past behaviors of people who interacted with the objects in question.

Figuring out the life history of an object is an integral part of defining its pathway of discard. Artifact life-history models provide "a starting point for investigating interactions between people, objects, and the supernatural realm" (Walker 1999:387) by taking into account the four dimensions of artifact variability: (1) formal properties of the artifact, which include physical characteristics such as completeness, size, color, and hardness; (2) the numerical frequency of the artifacts, or how often these artifacts occur in the archaeological record, or in the sample; (3) association with other artifacts — could these be considered index objects, or are there index objects associated with them? and (4) spatial location — where, or in what context, are these artifacts found (Walker 1999: 387, *sensu* Schiffer 1987). Additionally, each stage of the artifact's life history (e.g., manufacture, distribution, use, discard, and postdeposition) "leaves distinctive traces that may be manifest in any or all of the four dimensions of artifact variability" (Walker 1999:388).

Building on the identification of artifact life histories, archaeologists have expanded the biographical perspective to talk about depositional practice. It is this practice, and the repetition of such practices over time that creates patterns of intentionality (Joyce 2008:27) and allows for an ontological interpretation of the archaeological record. Cultural processes have an effect on an artifact's pathway of discard and as such, variability in the depositional contexts of similar objects is not random, rather it indicates "an underlying organization of human interaction with material objects that can be studied to address questions about prehistoric behavior" (Walker et al. 2000:345).

The relational ontologies between artifacts and their recovery contexts, other artifacts, and the people who interacted with them provide an important link between archaeologists and the people of the past. By acknowledging different ontologies, we recognize that there are different ways of understanding the world, which is grounded in material culture. In my work with figurines, I use relational ontologies and depositional context to explore the biographies, or life histories, of figurines up to the time of their deposition in the archaeological record.

Theoretical Approach

Scientific taxonomic systems are necessary to bring order to the universe that we study. The field of archaeology as we know it has been largely built on artifact classifications that we use to decode or make sense of material culture. Objects are sorted into separate groups based on the observer's worldview, in this case, the worldview of the archaeologist. But what classificatory groups did the

people of the past have for these objects? By taking an ontological view of the archaeological record, I argue that these groups can be identified based on depositional practices. That is, things that belong to different categories are treated and disposed of differently and are therefore found in different contexts in the archaeological record. The word 'ontology' has recently been showing up in the archaeological literature with escalating frequency (Murray and Mills 2013; Olsen 2010; Zedeño 2009), but where does it come from?

In philosophy, where it originated, there are several subdivisions within the discipline of ontology. Regional ontologies focus on things like consciousness, mathematics, and the divine; material ontology focuses on objects according to their kind, for example, spatio-temporal or psychological; and formal ontologies focus on objects according to their form, for instance, thing, property, event, or system (Gell 1998; Viveiros de Castro 2004; Zedeño 2009). No matter which definition is used, ontology is about grouping *things* that exist into *categories*. This is good news for archaeologists, since grouping things into categories according to similarities and differences is what we do. The question is how do we take this concept from philosophy and apply it to anthropology? And, how do we understand past peoples' ontologies as we develop our own?

Building on, but expanding the scope of the Western tradition that ontology is a branch of thought devoted to the study of the nature and categories of being, ontological anthropology is currently a growing area of research (Brown and Emery 2008:327). Using this theoretical framework, the researcher seeks to record ethnographically, and model theoretically, the often completely different

ontologies (the sets of assumptions about the number and nature of basic categories in the world) that inform on social practice in diverse geographic, historical, cultural, and subcultural contexts. These practices, in turn, play a vital role in the creation and structure of the material world (Mills and Ferguson 2008; Walker 2008).

Those anthropologists who have taken this approach have been making a shift away from an epistemological anthropology toward a more ontological anthropology, simply by taking the perspective of their informants into account (Bell 1992; Zedeño 2009). By epistemological anthropology, I refer to scientific taxonomies and the modern academic ideational framework that is usually applied to exact order from the chaos that seems to be an inherent part of sociocultural anthropology (Meskell 2004:40). An ontological anthropology would use the “folk taxonomies” or classifications that are used in the everyday lives of the subjects at hand (Bell 1992; Hallowell 1976; Zedeño 2008). These classifications help the subjects understand their place in the world relative to the objects and entities with which they interact (Zedeño 2009).

For archaeologists, the question becomes, “how do we recognize ontologies, or these indigenous taxonomies, in the archaeological record?” In American archaeology, frameworks are slowly being developed that incorporate principles of “relational ontology, or the notion that humans and objects exist in a reciprocal world, into the interpretation of the archaeological record,” (Zedeño 2009:407, after Brown and Emery 2008). The idea is that patterns emerge between people and things, which leave visible traces in the archaeological record

and that allow us to recognize other people's ontologies. The way that people categorize things plays a role in how they are disposed. These depositional practices, or pathways of discard (Walker 1995), allow us access to what Catherine Bell (1992) calls "indigenous distinctions." This is an important concept for archaeologists who want to know about prehistoric value, since the value of a given object cannot be assessed without knowing how people in the past categorized things.

Two recent papers have explored the use of relational ontology in archaeology to describe how objects with ritual characteristics can change the classification of other artifacts purely by association. Wendi Field Murray and Barbara Mills (2013) applied the concept to cache deposits from Chaco and the Hohokam area to illustrate how depositional practices within different identity communities followed culturally specific logics that structured object associations, object placement, and object treatment (Murray and Mills 2013:137). Using this method, they were able to observe that even though both groups had access to the same range of materials (ceramics, stone, shell, minerals, and animals), the relational ontologies were very different from each other — the materials were used in entirely distinctive ways. They make a case against reliance on the *categorical* significance of objects, in favor of a more ontological approach that highlights the *relational* qualities that attributed meaning to those objects from the perspective of the people who interacted with them.

Nieves Zedeño (2009) used relational ontology to look at how bundles containing index objects provide clues to ontological principles that guide the

interactions between Native Americans and the material world. She defines index objects as ethnographically documented categories of artifacts that have certain relational properties, particularly a potential for animating objects and places around them. One of the key points in her article is that animacy, or an object's capacity for becoming and behaving like a person, is inherent in Native American ontology, and this has the potential to affect the formation of artifact assemblages in a measurable and interpretable way (Walker 2008).

To go a step further in the biography of the object, out of prehistory and into the present, the circumstances of a figurine's discovery and excavation play a role in determining how that object is seen through the eyes of modern people. I use the term "differential ontologies" to describe how a single object can be classified differently based on who is viewing it. How and where an object is presented to the viewer also plays a role in determining what it is called, and in what category it is placed.

Background and Previous Research

Hohokam Figurines

Previous studies of anthropomorphic figurines from the southern Southwest include the work of Susan Stinson (2004, 2010). In her research, Stinson used methods guided by practice theory to conduct the analysis of over 1,400 Hohokam figurines. Her samples come only from non-funerary contexts, however, and are limited to two sites, albeit very large sites that have been sampled both extensively and intensively—Snaketown and Grewe. Further, it was

her primary research goal to expand our knowledge of ritual behavior at the household level in the American Southwest. She proposed that “significant changes in figurine use associated with cremation ritual did not occur until the beginning of the Sedentary period and that prior to this change, figurine function was more consistent and was situated within the household” (Stinson 2004:88) for use in ancestor veneration (Stinson 2010).

Another prominent, though primarily descriptive, study on Hohokam anthropomorphic figurines was done on the assemblage from Grewe (Love 2001). Love proposed that the Grewe collection was both functionally and stylistically different from the Snaketown assemblage. Moreover, the contexts from which the figurines were collected were significantly different than those reported at Snaketown (i.e., a majority were recovered from house floors at Grewe versus domestic trash contexts at Snaketown). This work was drawn upon and incorporated into Stinson’s research, described above.

In a chapter from *Proceedings of the 1983 Hohokam Symposium* (Dittert and Dove 1985), Thomas and King (1985) describe two Colonial period figurine caches from sites in the Salt River Valley—Sonoqui Ruin and Yoe Ranch. They go as far to suggest that some ceramic figurines have significant associated objects and should be viewed as ritual tableaux, or representations of scenes. They argue that, as a ritual component of funerary rites, the actual manufacturing process of the figurine was a more important part of the ritual life history of the object than the completed product itself. They also, to some extent, suggest a comparison to Mesoamerican figurines and ritual, though only in passing.

An additional argument for connections with Mexico and Mesoamerica was proposed by Wilcox and Sternberg (1983). They argue that after the Pioneer period figurines were used as part of a pan-Hohokam ancestor cult, where they represented ball players associated with the Mesoamerican-influenced ritual ballgame.

A Master's thesis on Hohokam figurines was submitted to the University of Frankfurt by Johannes Schwabe (1983). The entire report is written in German, but was translated into English by Helga Wöcherl of Desert Archaeology, Inc. Like many other reports on figurines it is primarily descriptive, providing a description of figurines throughout the Hohokam cultural sequence. The main body of the text is a typology, followed by a chapter on possible functions. Speculations on the possible functions of these figurines include use as decoration, toys, fertility magic (human and/or agricultural), healing, voodoo, and representations of domestic deities.

Haury's (1976) stylistic typology of the Snaketown figurine assemblage was subdivided into time periods. Few morphological changes were evident in the figurines that dated to the Vahki through Santa Cruz phases; however, those specimens that dated to the Sedentary period (Sacaton phase) showed signs of more realism in the facial features than had been seen previously. Additionally, these figurines consisted solely of a head and neck that would have been affixed to a body made of a perishable material, most likely wood. Contrary to what Stinson proposed in her 2004 dissertation, Haury suggested that the

transformation of figurines from household object to funerary object occurred in the Colonial period, based on a slight deviation in form and depositional context.

A current study, being conducted by Desert Archaeology, Inc., is focusing on the analysis of Early Agricultural figurines from the Tucson Basin, specifically from the site of Las Capas. While these figurines date to a much earlier time period and are from a slightly different region than those that I am interested in for this project, the methods that are being developed and refined by James Heidke offer some standardization in the way that figurines are analyzed.

Another study from the Tucson Basin was done by Statistical Research, Inc. (Harry and Whittlesey 2004), and stems from their work at the West Branch Site. Here, Stephanie Whittlesey (2004: 323) attempts to place Hohokam figurines within the larger ritual and religious complex and discusses their possible function within Hohokam society. She also uses the West Branch assemblage to draw comparisons to other Hohokam figurine assemblages as well as the figurine complex of northwestern Mexico, in the Río Sonora and Huatabampo culture areas. She goes on to argue that figurines were a complicated representation of earth, water, and fire that served different purposes over the course of time. She also posits that figurines in the Tucson Basin were used differently than those in the Salt-Gila (Phoenix) Basin, citing the dissimilar contexts in which they are often found (secondary refuse deposits versus cremation burials, respectively).

During the many years that archaeologists have been interested in the Hohokam culture, there have been several hypotheses put forth regarding the function of anthropomorphic figurines in the area. These functions have ranged

from children's toys (Schwabe 1983) to burial accoutrements (Haury 1976) to ancestor veneration (Stinson 2004, 2010) as well as several others mentioned in this section. It is possible, and entirely probable, that the function of figurines changed over the course of the Hohokam sequence. Additionally, it is possible that figurines served different functions within a single time period. I argue that that figurine function, and prehistoric ontologies, can be teased out by carefully studying the depositional context in conjunction with morphological characteristics and post-manufacture breakage, burning, and other mutilation of individual figurines.

Figurine Studies Outside of the Hohokam Area

In other parts of the world, figurine studies have been ongoing since the beginning of the twentieth century (Ucko 1962). Many of the interpretations during the first half of the century focused on a general Mother Goddess ideology, usually as part of an archaeological site report or a general survey of the prehistory of an area (Pumpelly 1908, Renaud 1929). Often, the specialized statements on figurines were not integrated into the general literature and resulted in an incomplete picture of figurine function (Ucko 1962). Hence, the widely accepted interpretation of these objects as fertility symbols.

Beginning in the second half of the twentieth century, archaeologists began to take a closer look at figurines and what they might be able to tell us. Peter Ucko (1962) looked at figurines from Crete as well as other places in the Aegean, Mediterranean, and Mesopotamian areas. He took an object biography

approach to define different functional categories for figurines in these regions. He also applied ethnographic evidence in conjunction with archaeological contexts to help interpret the prehistoric figurines. An important conclusion that came from this work was that figurines played diverse roles in different parts of the world.

Building on Ucko's work, Joyce Marcus (1998, 2009) took a similar approach to the New World, looking at Mesoamerican figurines. Through her work, Marcus connects anthropomorphic figurines in Oaxaca to domestic ancestor worship and women's ritual. She concludes that small figurines provided "a venue for the spirit of recently deceased ancestors...to play a role in the lives of their descendants" (Marcus 2009:27). Her research contradicts earlier interpretations of figurines as goddesses or symbols of fertility, and emphasized the importance of archaeological context in understanding function and meaning (Marcus 2009).

Richard Lesure (2002, 2011) asks whether perceived resemblances between figurines from one context to another (across multiple regions) should play a role in our interpretations. He considers figurines from Paleolithic Europe, the Neolithic Near East, and Formative Mesoamerica in his study, ultimately rejecting interpretive leaps across contexts that contribute to a universalist explanation of prehistoric figurines. Like Ucko and Marcus, Lesure emphasizes the importance of context in his approach to interpreting figurines. He concludes that the initial perception of similarity between figurines from different contexts is not without merit, and can ultimately lead to deeper insights. "Moving from similarities and differences between objects to similarities and differences

between interpretations produces insights that can support and enrich the interpretation of specific instances” (Lesure 2011:217).

Douglass Bailey (2009, 2013), in his work with Neolithic Balkan figurines, also argues that archaeological context is an important factor in the interpretation of anthropomorphic figurines. He redefines figurines as miniature representations of the human form that affect the ways in which people experience the world. He argues that when one handles miniature objects, they “enter another world,” possibly a spiritual world (Bailey 2009:122). He concludes that these are everyday household objects that people used in their daily lives and “contributed to a shared understanding of group identity” (Bailey 2009:122).

Each of the research projects discussed above has contributed important information regarding the study and interpretation of prehistoric anthropomorphic figurines. Where these works are lacking, however, is in the discussion of figurine fragments in the archaeological record. Is it possible to interpret broken pieces of figurines, whether intentional or accidental? Or is the interpretation of figurine function limited to whole objects? I argue that figurine breakage plays an important role in determining how these objects were used and disposed of in the past.

Cultural Background

The Hohokam cultural sequence is divided into four broad periods (Table 1.1). During the Pioneer period, Hohokam lived in pithouses arranged in small

Table 1.1. Hohokam chronology for the Phoenix Basin.

Periods	Phases	Date Ranges
Hohokam Classic	Civano	A.D. 1300-1450(?)
	Soho	A.D. 1150-1300
Hohokam Sedentary	Sacaton	A.D. 950-1150
Hohokam Colonial	Santa Cruz	A.D. 850-950
	Gila Butte	A.D. 750-850
Hohokam Pioneer (late)	Snaketown	A.D. 700-750
	Estrella/Sweetwater	A.D. 650-700
Hohokam Pioneer (early)	Vahki	A.D. 500-650
	Red Mountain	A.D. 1-500

clusters. Simple anthropomorphic figurines were present during this time period and most often found in domestic trash (Haury 1976:255). They manufactured plain ware and, later, red ware ceramics and practiced irrigation agriculture (Henderson and Clark 2004) in addition to floodwater farming (Cable and Doyel 1987). Subsistence evidence indicates that wild resources also played a significant role in supporting the population.

The Colonial period (A.D. 750-950) is characterized by an expanding population and by increasing social complexity within Hohokam society. Pithouses were clustered into courtyard groups, which in turn were organized into larger village segments, each with their own roasting areas and cemeteries (Henderson 1987; Wilcox et al. 1981). Rarely during this time period were figurines included in domestic refuse contexts. More often, they were associated

with cremation burials (Haury 1976: 255). Around A.D. 800, ballcourts were built at several of the largest villages (Wallace 1999), and are thought to represent the beginning of a regional system with religious, economic, and political functions, united by the exchange of ceramics, marine shell, and other items (Crown 1991; Doyel 1991; Wilcox 1991).

Settlements along the Salt River increased in both number and size during the Sedentary period (A.D. 950-1150). Many of the canal systems were reconfigured during this time, some reaching their maximum extent (Howard 1991), while others were newly established (Howard 1987). Some figurines became more stylized versions of the human form, while others were much more detailed than they had been in previous periods (Haury 1976:260). By the late Sedentary, house clusters were arranged in more formalized rectangular patterns, the predecessors of suprahousehold compounds seen during the Classic period (Wilcox et al. 1981).

The Classic period (A.D. 1150-1450) is marked by dramatic changes in Hohokam material culture, architecture, and traditions. Surface adobe-compound architecture appeared for the first time, supplementing, but not replacing, the tradition of semisubterranean pithouse architecture. Burial modes also changed, with an increasing dominance of inhumations over cremation burials. Buff ware pottery diminished in frequency during the period, being replaced by red ware pottery and, later, polychrome types, and zoomorphic figurines replaced the earlier anthropomorphic styles. Ballcourts were largely abandoned during the late eleventh century (Wallace 1999), and massive, walled platform mound

compounds were constructed at large villages throughout much of the Hohokam region. Because construction of these features required considerable levels of organized labor, many archaeologists think the mounds are symbols of a socially differentiated society (Elson 1998; Fish and Fish 1992; Gregory 1987).

The Classic period is also characterized by substantial changes in settlement pattern. Ancestral villages like Snaketown (AZ U:13:1 [ASM]) and Grewe (AZ AA:2:2 [ASM]) in the middle Gila River Valley were abandoned; other settlements like La Ciudad (AZ T:12:1 [ASM]) and Las Colinas (AZ T:12:10 [ASM]) in the Salt River Valley were reorganized; much of the Phoenix Basin was depopulated, while other areas saw an influx of populations. As the Classic period progressed, the Hohokam aggregated into fewer, but larger, villages (Gregory 1987). Population declined steadily in most areas, and by the mid-to-late fifteenth century, the Hohokam tradition disappeared from the archaeological record.

The disappearance of the Hohokam from the archaeological record marks the end of the prehistoric era in the Salt River Valley, and there is a break in the occupational record until the 1860s with the arrival of American settlers. This break coincides with the Protohistoric period, a time of general depopulation across southern Arizona, as suggested by the scarcity of archaeological remains assignable to this period. Based on documents provided by early Spanish explorers, it is known that Piman groups populated the area along the Gila and lower Santa Cruz Rivers, but the Salt River Valley seems to have been mostly uninhabited. Although there are reports of Pima fishing parties using the area, and

Pima and Cocomarcopa villages at and below the junction of the Salt-Gila confluence, the valley seems to have served chiefly as a buffer zone between Pima and Cocomarcopa farmers and their traditional foes, the Yavapai and Apache, to the north. Work at Pueblo Salado in Phoenix, however, has questioned this long-held assumption as excavations at the Hohokam site have revealed a possible protohistoric Piman structure (Bostwick et al. 1996).

CHAPTER 2

RESEARCH THEMES AND METHODS

This study evaluates the potential for using an ontological approach to looking at and interpreting the archaeological record. Understanding how people in the past structured their world and categorized things is important to thinking about the objects that we find archaeologically. For this analysis, I look at Hohokam anthropomorphic figurines from the Phoenix Basin. The questions that will guide my research are:

- (1) At a regional scale, are there discernible patterns in prehistoric contexts in which Hohokam anthropomorphic figurines are found in the archaeological record of the Phoenix Basin?
- (2) How do the figurines from burials and non-mortuary contexts at La Villa (AZ T:12:148 [ASM]) compare or fit into the broader patterns for the Phoenix Basin?
- (3) How can a life-history approach contribute to the discussion of relational ontologies and differential ontologies of figurines?

Methods

For this study, an anthropomorphic figurine is defined as a representation in clay of a human form that is self-contained, and not part of a larger artifact. Anthropomorphic effigies, human forms incorporated into other ceramic vessels,

were not considered for this study. Select attributes of figurine morphology were recorded, including: facial attributes, torso attributes, limb attributes, construction and paste attributes, and interpretive post-manufacture attributes. In addition, the depositional context from which each figurine or figurine fragment was recovered was recorded, where that information was available.

The figurine assemblage from La Villa consists of two caches from cremation burials, containing a total of 15 complete or nearly complete figurines, seven from one cache, and eight from the other. Fifteen figurine fragments from contexts other than burials were also recovered during excavations. Each of the figurines or figurine fragments were analyzed and coded so that they could be integrated with the Phoenix Basin data described below.

A literature review of archaeological projects across the Phoenix Basin was completed to assess whether sufficient information, for the purposes of this study, pertaining to the analysis of figurines was reported. When possible, figurines were pulled from the collections at the Arizona State Museum, Arizona State University (Archaeological Research Institute), and Pueblo Grande Museum to be re-analyzed. Where access to collections was not available, figurine attributes and contexts published in the site reports were re-coded so that all of the data are in a compatible format for the current analysis. Because this study relied heavily on previously published materials, one of the main limiting factors in my research was the level of detail (or lack thereof) that the original analysts chose to record. Over 1800 figurines and figurine fragments, a representative sample for the Phoenix Basin, were re-analyzed and re-coded in this effort.

In order to tackle the problem of addressing whether there is patterning in the depositional contexts of anthropomorphic figurines in the Phoenix Basin (to look at pathways of discard), I broke it down to a series of smaller questions. Because most of my data are nominal, a series of Chi-square tests were used to determine the likelihood that observed distributions are due to chance. First, I checked to see whether there is a correlation between figurine morphology and depositional context. This test was run for contexts within identified time periods and across time periods to determine whether there were changes over time. Second, I looked at whether or not there is a correlation between intentional breakage, burning, and/or mutilation and depositional context, again, within and across time periods within the Hohokam sequence. This informs on the way that figurines were categorized prehistorically and tells about the life histories of the objects.

Based on the results of the questions outlined above, I was able to determine if the figurines recovered from La Villa fit within the expected range of variability for the Phoenix Basin Hohokam for the Gila Butte to Santa Cruz phases of the Hohokam sequence. Looking for and discerning patterns in depositional context in the archaeological record will allow us to begin to understand the behaviors of prehistoric peoples. Using the methods described above, I was able to answer the first two of my research questions. The answers to those questions in turn, inform on the third research question.

CHAPTER 3

FIGURINES FROM THE PHOENIX BASIN IN CONTEXT

Figurine Disposal Context

Central to answering the research questions outlined in a previous section is archaeological context. In order to take an ontological perspective to the archaeological record, it is important to understand depositional practices and how different pathways of discard reflect the way that objects were categorized and used prior to being discarded. Therefore, only figurines that were recovered from a recorded context were considered for this study. In total, 1157 figurines or figurine fragments from 38 archaeological sites across the Phoenix Basin were included in this study (Table 3.1). This figure excludes those figurines from La Villa, which will be discussed separately and then compared to these results.

Of the total sampled assemblage, figurines or figurine fragments were most often found in extramural pits (34 percent, $n = 389$). The second most common place where figurines were discovered was outside of any feature, in an archaeological or geological trench or on the surface (24 percent, $n = 281$). Undifferentiated pithouse fill, trash mounds or middens, and cremations (16 percent, $n = 188$; 15 percent, $n = 168$; and 9 percent, $n = 100$) were the next most significant contexts, respectively. Pithouse floor fill, intramural features, and inhumations accounted for only a minor portion of the assemblage (1 percent, $n = 8$; 1 percent, $n = 8$; and 1 percent, $n = 12$, respectively). Figurines that were

Table 3.1. Number of figurines (or fragments) by site and by context.

Site	Undifferentiated pithouse fill	Pithouse, floor fill	Pithouse, floor contact	Intramural feature	Burial, type not recorded	Cremation	Inhumation	Extramural pit	Trash mound/midden	Other context (archaeological trench or surface)	Total	Percent Total
Baccharis Site	0	0	0	0	0	4	0	0	0	1	5	0.4%
El Caserio	1	0	0	0	0	0	0	1	0	2	4	0.3%
Grewe	1	0	0	0	0	1	0	0	0	4	6	0.5%
La Lomita	0	2	0	0	0	0	0	0	0	0	2	0.2%
Las Canopas	0	0	0	0	0	8	10	0	1	1	20	1.7%
Las Colinas	1	0	0	0	0	0	0	0	0	0	1	0.1%
Las Cremaciones	0	0	0	0	0	0	1	0	0	0	1	0.1%
Los Guanacos	1	0	0	0	0	0	0	1	0	0	2	0.2%
Los Hornos	7	4	1	4	0	0	0	0	13	1	30	2.6%
Los Muertos	2	0	0	0	0	0	0	0	0	0	2	0.2%
Pueblo Blanco	0	0	0	0	0	0	0	0	0	1	1	0.1%
Pueblo Patricio	1	0	0	2	0	0	0	2	0	0	5	0.4%
Snaketown	130	0	0	0	0	6	0	364	109	234	843	72.9%
T:11:39 (ASM)	0	0	0	0	0	0	0	0	1	0	1	0.1%
T:12:11 (ASU)	2	0	0	0	0	0	0	0	0	0	2	0.2%
T:12:148 (PGM)	0	0	0	0	0	0	0	1	0	0	1	0.1%
T:12:215 (ASM)	1	0	0	0	0	0	0	0	0	0	1	0.1%
T:12:37 (ASU)	9	0	0	2	0	0	0	1	5	5	22	1.9%
T:12:395 (ASM)	1	0	0	0	0	0	0	0	0	0	1	0.1%
T:12:4 (PGM)	0	0	0	0	0	0	0	0	3	1	4	0.3%
T:4:12 (ASM)	0	0	0	0	0	0	0	0	0	1	1	0.1%
T:4:16 (ASM)	0	2	0	0	0	0	0	0	0	1	3	0.3%
T:8:17 (ASM)	0	0	0	0	0	0	0	0	8	1	9	0.8%
T:8:18 (ASM)	0	0	0	0	0	0	0	0	5	0	5	0.4%
U:10:6 (ASM)	5	0	0	0	0	8	0	0	0	4	17	1.5%
U:10:8 (PGM)	0	0	0	0	0	0	0	0	1	0	1	0.1%
U:13:9 (ASM)	1	0	0	0	0	0	0	0	2	5	8	0.7%
U:14:24 (ASU)	0	0	0	0	0	42	0	0	0	0	42	3.6%
U:15:59 (ASM)	2	0	0	0	0	0	0	0	0	3	5	0.4%
U:15:61 (ASM)	19	0	0	0	0	0	0	0	1	2	22	1.9%
U:15:97 (ASM)	1	0	0	0	0	0	0	0	0	0	1	0.1%
U:9:1 (ASM)	3	0	1	0	0	0	0	0	12	3	19	1.6%
U:9:16 (PGM)	0	0	0	0	0	0	0	0	3	0	3	0.3%
U:9:35 (PGM)	0	0	0	0	0	0	0	0	1	0	1	0.1%
U:9:42 (ASU)	0	0	0	0	0	0	0	0	0	1	1	0.1%
U:9:6 (ASM)	0	0	0	0	0	0	0	0	1	3	4	0.3%
U:9:90 (ASM)	0	0	0	0	1	5	1	19	2	7	35	3.0%
Yoe Ranch	0	0	0	0	0	26	0	0	0	0	26	2.2%
Total	188	8	2	8	1	100	12	389	168	281	1157	100%
Percent Total	16%	1%	0%	1%	0%	9%	1%	34%	15%	24%		

recovered from pithouse floors were exceedingly rare (<1 percent, $n = 2$) and one figurine was from a burial, but the burial type was not recorded.

A majority of these contexts, accounting for 66 percent of the recorded assemblage, can be associated with domestic refuse. These contexts include the pithouse structure and all fill associated with it, intramural features, extramural pits with domestic trash, and trash mounds or middens. This result supports Stinson's (2004) conclusion, in her study of figurines from the sites of Snaketown and Grewe, that Hohokam figurines often did not require special treatment for their disposal and could be deposited with household trash.

Where my data deviate slightly from Stinson's is within funerary contexts. Approximately 10 percent of the figurines that were recorded in my study were from either cremations or inhumations. When only the sites of Snaketown and Grewe were considered, less than one percent of the figurines with known contexts were recovered from burials (Stinson 2004:120). One explanation to account for this difference is the broader range of sites from different time periods in the current study. According to Haury (1976:260), figurines began to be associated with cremations during the later part of the Colonial period of the Hohokam cultural sequence; a large majority (approximately 86 percent) of Stinson's assemblage came from Pioneer period contexts at Snaketown with the remainder coming from similar time periods at Grewe (Stinson 2004:56-65). During this period, figurines did not lose their function as items associated with household ritual, but their function broadened to include use as ritual funerary objects.

Construction Methods

In general, Hohokam anthropomorphic figurines were made in a fairly consistent way throughout the Phoenix Basin. Slight variations in morphological attributes (e.g., facial attributes, jewelry, etc.) occurred over time (see Haury 1976), but the fundamental methods by which they were constructed remained the same. The most common way that figurines were made was by using what is known as the two-piece method. These were formed either by joining two coils of clay together, or by using one long coil folded in half. The upper portion of the joined coils, or the area of the fold, was modeled into the head and torso. The lower coils were usually left separate to form the legs. Typically, the line where the two rods of clay were joined is visible on the back of the figurine. The finished product often resembles a clothespin and Hohokam figurines are often described as such (Figure 3.1).

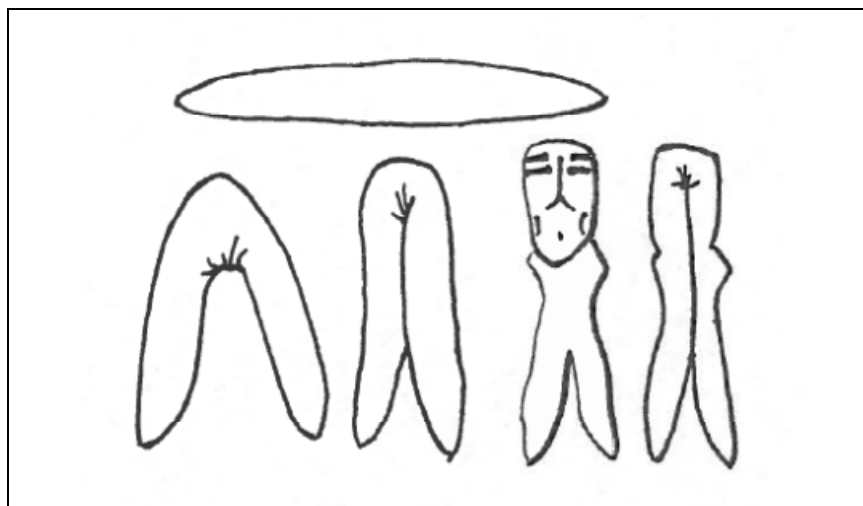


Figure 3.1. Clothespin figurine construction (after Thomas and King 1985:725).

The second most common way that figurines were formed was by using the one-piece method. For my analysis, I followed Stinson's definition, which "includes the formation of a body and an adjoined head from a single piece of clay" (Stinson 2004:109). The limbs are usually not separated from the body on this type of figurine. Though not particularly common during any time period, this style is seen slightly more often during the Pioneer period.

Finally, "other" construction methods, which were lumped together for this analysis, include figurines that were not made using either of the styles described above. These include ceramic heads that may have been connected to a perishable body, figurines that use armature to connect the body and/or limbs to the torso, or figurines that were modeled in some other way. The latter are generally more complex and life-like than other types.

In the current assemblage, only 90 figurines from known contexts were complete enough to definitively assign a construction method. Of those, 73 percent (n = 66) were constructed using the two-piece method, 20 percent (n = 18) using the one-piece method, and 7 percent (n = 6) using "other" methods.

The highest percentage of figurines made using the two-piece method was found in cremation burials (36 percent) followed by trash mounds or middens (29 percent) and other contexts (17 percent). For those using the one-piece method as well as "other" methods, the highest percentage was found in undifferentiated pithouse fill (44 percent and 50 percent, respectively), followed by cremation burials (22 percent and 33 percent, respectively), and trash mounds or middens (17 percent of each).

The largest percentage of figurines that was able to be assigned to a context, regardless of construction method, came from cremations (33 percent, n = 30). This may indicate that figurines used in funerary rituals were disposed of in a more complete state than those found in domestic contexts. This is not to say that figurines from cremations were not broken, but that enough of the fragments were present to be able to, at least partially, reconstruct the object.

It should be noted that of the Phoenix Basin figurines that came from domestic refuse contexts, 76% scored a two or higher on the Mohs scale of mineral hardness, i.e., they were not easily scratched with a fingernail and were harder than gypsum. At La Villa — the only site where figurines from known funerary contexts were available to be tested for this study — 80% of the figurines that came from burials scored below a two on the scale. That is, they were easily scratched with a fingernail and softer than gypsum. Figurines that scored at least a two would have been better fired than those that scored below a two, accounting for the variability in ceramic hardness in the assemblage.

Facial Features, Embellishments, and Sex Characteristics

The facial features that are present in this assemblage are standard for what is known of Hohokam figurines (see Haury 1976) and follow the standard chronology rather well. No significant difference in facial features could be seen between the different contexts. A pinched ridge of clay most often represents the nose. Eyes can be incised, punctate, or appliqué “coffee bean” shapes. Eyebrows are most often incised lines, but are sometimes represented by a series of punctate

marks above the eyes. When a mouth is present, it can be either punctate or incised.

Ear spools were the most common embellishment present on the figurines in this sample. Thirty-three examples were observed or recorded and were represented by appliqué, appliqué scars, or by curvilinear incisions on the lower sides of the head. Seventy percent ($n = 23$) of ear spools recorded came from cremations or other burial contexts. Twenty-seven percent ($n = 9$) came from domestic refuse contexts, including pithouse structures and trash mounds or middens. The remaining 3 percent ($n = 1$) was recovered from an archaeological trench or from the surface.

Chin ornaments were only seen in two specimens in the entire assemblage. One of the figurines was recovered from the fill of a pithouse and the other was recovered from a cremation burial.

Headbands and other hair treatments were present on nine specimens in the Phoenix Basin assemblage. Six of these figurines came from cremation burials and the remaining three were recovered from the fill of pithouses.

Twelve figurines in the assemblage had necklaces. One was punctate, one incised, four were multi-strand appliqué, and six were not described in the original literature. All 12 of these figurines were found in cremation burials. Five of the figurines in the sample had bracelets and six had anklets. All 11 of these specimens were also recovered from cremations.

Only 9 percent ($n = 112$) of the specimens in the assemblage showed definitive sex characteristics (Table 3.2). Female representations, which were

Table 3.2. Figurine sex by context.

Context	Indeterminate		Absent		Female		Male		Total	Percent Total
		%		%		%		%		
Undifferentiated pithouse fill	42	19%	133	16%	13	14%	0	0%	188	16%
Pithouse, floor fill	0	0%	6	1%	2	2%	0	0%	8	1%
Pithouse, floor contact	0	0%	2	0%	0	0%	0	0%	2	0%
Intramural feature	0	0%	8	1%	0	0%	0	0%	8	1%
Burial, type not recorded	0	0%	0	0%	1	1%	0	0%	1	0%
Cremation	0	0%	46	6%	39	41%	15	94%	100	9%
Inhumation	0	0%	12	1%	0	0%	0	0%	12	1%
Extramural pit	86	39%	295	36%	8	8%	0	0%	389	34%
Trash mound/midden	38	17%	111	14%	19	20%	0	0%	168	15%
Other context (archaeological trench or surface)	57	26%	209	25%	14	15%	1	6%	281	24%
	Total	223	822	96	16	1157	100%			
	Percent Total	19%	71%	8%	1%	100%				

identified based on the presence of breasts, accounted for 8 percent ($n = 96$) of the total. Male representations were identified based on the presence of a penis and only account for 1 percent ($n = 16$) of the total assemblage. In a large majority of the assemblage (90 percent, $n = 1045$), sex characteristics are absent, even in complete specimens, or indeterminate (i.e., not a torso).

It should be noted that in almost all cases where jewelry or embellishments were recorded on a figurine with sex characteristics, they were male. It is therefore reasonable to believe that more males were represented in Hohokam figurines than is apparent by simply looking at indicators of sex. Regarding the androgynous figurines, seemingly lacking in physical designation to one sex or the other, it is likely that these figurines represented specific individuals and were assigned a sex by the practitioner who made and/or used these objects (Stinson 2004:113).

Body Parts and Breakage

In the sampled assemblage ($n = 1157$) (Table 3.3), only 3 percent ($n = 30$) were complete and 3 percent ($n = 32$) could be described as nearly complete. Almost half of the fragments included in the study (46 percent, $n = 532$) were indeterminate limb fragments. This number is followed by torsos (21 percent, $n = 247$), heads (10 percent, $n = 116$), and leg(s) (7 percent, $n = 78$).

Of the complete figurines, 80 percent ($n = 24$) were from cremation burials. Similarly, 84 percent ($n = 27$) of the nearly complete figurines were also recovered from cremations. By contrast, only 10 percent ($n = 3$) of complete figurines were found in pithouse fill, 3 percent ($n = 1$) in extramural pits, and 3 percent ($n = 1$) in a trash mound or midden, with similar numbers for nearly complete figurines.

Patterns of intentional breakage indicate that figurines were most commonly broken at the neck (44 percent) and almost half of that total (48 percent) comes from cremation burials (Table 3.4). The second most common breaking point was at the lower body (16 percent), and many (12 percent) were broken in both places. These breaks are believed to be intentional because the points at which they are broken are not structurally weak. Conversely, a majority of the figurines that are represented only by limb fragments (69 percent) were recovered from domestic trash contexts. Because this breakage point is believed to be the most structurally weak, it is probable that these resulted from unintentional breaks. Collectively, these data indicate that figurines found in

Table 3.3. Figurine part by context.

Context	Indeterminate		Complete		Nearly complete		Head		Head and torso		Torso		Torso and legs		Leg(s)		Arm(s)		Limb fragment		Total	Percent Total
		%		%		%		%		%		%		%		%		%		%		
Undifferentiated pithouse fill	2	8%	3	10%	0	0%	16	14%	10	27%	51	21%	5	11%	10	13%	1	7%	90	17%	188	16%
Pithouse, floor fill	0	0%	0	0%	1	3%	3	3%	2	5%	1	0%	0	0%	0	0%	0	0%	1	0%	8	1%
Pithouse, floor contact	0	0%	0	0%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0%	2	0%
Intramural feature	0	0%	0	0%	0	0%	4	3%	0	0%	3	1%	0	0%	0	0%	0	0%	1	0%	8	1%
Burial, type not recorded	0	0%	0	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0%
Cremation	1	4%	24	80%	27	84%	8	7%	4	11%	8	3%	6	13%	4	5%	9	60%	9	2%	100	9%
Inhumation	1	4%	0	0%	0	0%	1	1%	0	0%	2	1%	0	0%	0	0%	0	0%	8	2%	12	1%
Extramural pit	9	38%	1	3%	1	3%	20	17%	2	5%	85	34%	7	15%	29	37%	3	20%	232	44%	389	34%
Trash mound/midden	5	21%	1	3%	0	0%	29	25%	7	19%	49	20%	10	22%	15	19%	2	13%	50	9%	168	15%
Other context (archaeological trench or surface)	6	25%	1	3%	3	9%	34	29%	11	30%	48	19%	18	39%	20	26%	0	0%	140	26%	281	24%
Total	24		30		32		116		37		247		46		78		15		532		1157	100%
Percent Total	2%		3%		3%		10%		3%		21%		4%		7%		1%		46%		100%	

Table 3.4. Figurine breakage by context.

Context	Not broken		At head/torso		At torso/leg		At torso/lower body		At head/torso and torso/leg		Other		Total	Percent Total
		%		%		%		%		%		%		
Undifferentiated pithouse fill	4	29%	7	11%	3	25%	4	36%	5	29%	6	24%	29	3%
Pithouse, floor fill	0	0%	4	6%	0	0%	0	0%	1	6%	0	0%	5	0%
Pithouse, floor contact	0	0%	1	2%	0	0%	0	0%	0	0%	0	0%	1	0%
Intramural feature	0	0%	3	5%	0	0%	0	0%	0	0%	1	4%	4	0%
Burial, type not recorded	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Cremation	5	36%	30	48%	2	17%	1	9%	0	0%	0	0%	38	3%
Inhumation	0	0%	1	2%	0	0%	0	0%	0	0%	0	0%	1	0%
Extramural pit	0	0%	2	3%	0	0%	1	9%	0	0%	0	0%	3	0%
Trash mound/midden	3	21%	9	15%	4	33%	3	27%	4	24%	11	44%	34	3%
Other context (archaeological trench or surface)	2	14%	5	8%	3	25%	2	18%	7	41%	7	28%	26	2%
	Total	14	62	12	11	17	25	141	100%					
	Percent Total	10%	44%	9%	8%	12%	18%	100%						

funerary contexts are more likely to be intentionally broken, but have more pieces of each figurine present; as opposed to figurines found in domestic contexts, where they are more likely to be unintentionally broken isolated fragments.

Figurine Burning

Over half of the sampled assemblage (61 percent, $n = 618$) was either partially or completely burned (Table 3.5). High levels of burning, where figurines were completely blackened, were seen in 22 percent ($n = 224$) of the sample. Slight to moderate levels of burning were present on a larger portion of the assemblage (39 percent, $n = 394$). Unburned figurines accounted for 39 percent ($n = 388$) of the assemblage and the remaining. Surprisingly, the context that contained the highest proportions of burned figurines was extramural pits, with 36 percent ($n = 81$) of the completely burned assemblage and 46 percent ($n = 182$) of the partially burned assemblage. Burials, including cremations only accounted for 1 percent ($n = 2$) of the completely burned assemblage and 2 percent ($n = 9$) of the partially burned assemblage.

Because of the nature of the data used in the current study, it was not possible to tell whether the burning of figurines in domestic refuse contexts (e.g., extramural pits) was intentional or incidental. In her dissertation, Stinson indicates that she believes that burning is patterned and intentional, either being placed standing upright into a flame or coals or laid flat with their backs to a flame (Stinson 2004:118). If this is the case, it is not apparent in my data.

Table 3.5. Figurine blackening by context.

Context	Unblackened		Partially Blackened		Completely Blackened		Total	Percent Total
		%		%		%		
Undifferentiated pithouse fill	78	20%	73	19%	25	11%	176	17%
Pithouse, floor fill	0	0%	1	0%	1	0%	2	0%
Pithouse, floor contact	1	0%	0	0%	0	0%	1	0%
Intramural feature	1	0%	0	0%	1	0%	2	0%
Burial, type not recorded	1	0%	0	0%	0	0%	1	0%
Cremation	13	3%	9	2%	2	1%	24	2%
Inhumation	1	0%	0	0%	0	0%	1	0%
Extramural pit	122	31%	182	46%	81	36%	385	38%
Trash mound/midden	54	14%	49	12%	41	18%	144	14%
Other context (archaeological trench or surface)	117	30%	80	20%	73	33%	270	27%
	Total	388	394		224		1006	100%
	Percent Total	39%	39%		22%		100%	

Chronology and Disposal Context

In total, 738 figurines or figurine fragments were able to be assigned both a relative date and a context (Table 3.6). Of these, 98 percent (n = 721) came from early pre-Classic features; that is, features that were assigned to either a Pioneer or Colonial period date range (A.D. 1–950). Features containing domestic refuse accounted for 89 percent (n = 640) of the early pre-Classic contexts that contained figurines. An additional 11 percent (n = 81) came from funerary contexts during this time period. These findings are consistent with earlier studies (i.e., Haury 1976; Stinson 2004) that show a significant drop off in anthropomorphic figurine

Table 3.6. Figurine counts by broad time period and by context.

Time Period	Domestic		Burials	%	Total
	Trash	%			
Early Pre-Classic Period	640	89%	81	11%	721
Pre-Classic Period	15	100%	0	0%	15
Classic Period	2	100%	0	0%	2
Total	657	89%	81	11%	738

production in the Sedentary period (A.D. 950–1150) and virtually none during the Classic period (A.D. 1150–1450).

Summary of Phoenix Basin Figurine Data

The figurines recorded in this study were recovered from 38 Hohokam sites across the Phoenix Basin. Over half of the figurines were collected from domestic refuse contexts, including pithouse fill, intramural features, extramural pits, and trash mounds or middens. The most common context in which figurines or figurine fragments were found was in extramural pits. Only a small number of figurines were recovered from burial contexts, including inhumations and cremations. The utilization of figurines in funerary rites seems to have taken off during the later part of the Colonial period. During the Pioneer period and early Colonial period, figurines were found most often associated with domestic trash, indicating their use in household ritual. In the late Colonial period, figurines did not lose their function as household ritual objects, but their function was expanded to include the role of funerary object.

Phoenix basin figures were formed using local alluvial clays with no additional tempering material. As noted previously, most Hohokam figurines were constructed using two coils of clay that were conjoined to form the head, torso, and legs of the standing figure. Arms were often pinched stubs, but were sometimes longer appendages that were formed from the same clay as the body. Most of the figures that came from burials were formed using this method. Those figurines formed using only one piece of clay, or other methods, were recovered most often from the undifferentiated fill of pithouses, cremations, or trash mounds/middens, respectively. Very few embellishments were present on the figurines in the assemblage. Ear plugs or spools were seen most frequently. Of those specimens that did have adornments, a majority of them were recovered from cremation burials. Facial characteristics seem to follow the established chronology, with no significant difference between contexts.

A majority of the figurines that exhibited sex characteristics were female. However, approximately 90 percent of the assemblage, including complete specimens, was androgynous. It is likely that these androgynous figurines represented specific individuals, and were therefore assigned a specific gender by the user. It should also be noted that in most cases where jewelry and other embellishments were present, the figurines represented males. It is probable that males have been under identified when sex is based solely on the presence or absence of genitalia.

In large part, the more complete (or reconstructible) figurines that were recovered from known contexts, came from cremation burials. These figurines

were disposed of in a more complete state than those found in domestic refuse contexts. This could have something to do with the proximity in time between the object's production and its deposition. Figurines used in funerary ritual were likely made specifically for the occasion, giving them less opportunity to be unintentionally broken. Many figurines from these contexts were intentionally broken, as evidenced by breaks at structurally sound points on the object and the deposition (and recovery) of *mostly* complete figures. In some cases, figurines appear to have been broken and pieces intentionally deposited in different places. A majority of figurines found in domestic contexts were represented by limb fragments. These breaks, in structurally weak places on the object, were probably unintentional. Because these figurines were produced with the intention of being used in the household, they were more likely to be broken over the course of the object's use life, which would have been ostensibly longer than that of a figurine produced for funerary purposes.

Many Hohokam figurines are recovered from household trash contexts, which correspond to the global pattern for figurine disposal (Stinson 2004). Interestingly, a change sometime around the late Colonial period caused a noticeable increase in the occurrence of figurines in funerary contexts. These data address the first of my research questions regarding patterning in the prehistoric contexts from which Hohokam anthropomorphic figurines are recovered in the Phoenix Basin.

Recent excavations at the Hohokam site of La Villa (AZ T:12:148 [ASM]), within the Phoenix Basin, uncovered two figurine caches from secondary

cremations and several other individual figurine fragments from other contexts.

How do these figurines from Colonial period contexts at La Villa compare or fit into the broader patterns for the Phoenix Basin, discussed above?

CHAPTER 4

ANTHROPOMORPHIC FIGURINES AT LA VILLA

Background on La Villa

La Villa (AZ T:12:148 [ASM]) is a large multicomponent Hohokam village site located at the end of prehistoric Canal System 2, along Canal 5/Colinas. It covers an area measuring approximately 0.75 miles in length (east-west) and 0.5 mile in width (north-south). Previous investigations at the site have documented occupations dating to the Pioneer, Colonial, and Classic periods (Craig 2005; Midvale 1941; Schroeder 1994) of the Hohokam sequence. K. J. Schroeder's (1994) work at the Pioneer & Military Memorial Park, a group of historical-period cemeteries within La Villa's boundary, exposed pithouses, extramural pits, and human burials. Frank Midvale (1941) mapped the area encompassing the cemeteries north and south of Madison Street showing the projected path of Canal Colinas, a possible compound or platform mound, and several trash mounds. Investigations conducted by Northland Research, Inc. revealed that occupation of the site was spread over a considerably large area (Craig 2005).

Recent excavations conducted by Desert Archaeology under Madison Street and 13th Avenue uncovered areas of long-term intensive habitation, two large and distinct cemeteries, numerous extramural features, and extensive trash deposits. Feature density within both Madison Street and 13th Avenue was very high; over 240 archaeological features were encountered, including 82 pithouses and 61 secondary cremations. Artifact density was also high with over 23,000

pieces of ceramic, flaked stone, ground stone, shell, and animal bone recovered from excavated contexts (Mike Lindeman, personal communication 2011). Preliminary findings of this recent work suggest a largely Pioneer and Colonial period occupation of this locus.

The undertakings described above, while having revealed significant subsurface deposits, have only investigated small portions of this extensive site, the exact boundary of which has only been tentatively defined by sporadic compliance driven archaeological investigations. Regardless, each relatively limited undertaking has helped reveal the extent and degree to which this landscape was intensively utilized. The surprisingly high density of pithouses and associated features identified within the narrow confines of the most recent project area make it clear that much remains to be learned from investigating additional portions of La Villa.

Figurines from Burials at La Villa

Considerable variation in figurine form is seen in the La Villa assemblage, even among those associated with burials. Two distinct patterns are apparent and they may be related to stylistic change through time; it should be noted, however, that of the 61 secondary cremations excavated from the site, only two contained figurines. In total, the two caches from cremation burials contain, at minimum, 15 individual figurines comprising 69 fragments of varying degrees of reconstructibility, in other words, some figurines or parts of figurines were able to be reconstructed from the pieces, while others were simply too fragmented to

be able to be pieced together. Additionally, many pieces of the figurines were not present in the assemblage, giving rise to questions regarding intentional breakage and what that might mean, though that question will not be addressed in this paper since it is beyond the scope of the current project. Of the figurines recovered from La Villa burials, eight of the identified figurines are from one secondary cremation, seven from another. It should also be noted that both burials were in the same cemetery and within 2 m of each other.

Feature 119

Feature 119 was a secondary cremation with an unusual artifact assemblage. It was located just 10 cm east of the approximate edge of a Preclassic-period pithouse within a burial cluster, though the house likely predates the cemetery. It was adjacent to another secondary cremation, and both were intruded by a third cremation. With a roughly circular pit shape measuring 36 cm by 35 cm, steeply sloping sides, and a depth of 19 cm, it was similar in form to most of the other burial pits at the site. Unlike the others, however, numerous artifacts had been placed in the burial pit. Four (or more) trivet feet had been placed around the perimeter, a complete bowl was right-side-up near the base of the pit, a small, low-fired pinch pot was on its side near the eastern pit edge, a small jar was inverted at the southwestern pit edge, an upright censer near the top, sherds from four reconstructible vessels were distributed throughout the pit fill, and two inverted pieces of ground stone were in the center of the fill. Below the censer, several figurine fragments were near the pit base on the south side.

Cremated bone was not clustered near any of the artifacts; it was dispersed throughout the ashy, brown silty-sand matrix. Only 11.5 g of bone and teeth were present in the fill, and it was not possible to determine the age, sex, or other physical characteristics of this individual.

The style of figurines that were recovered with this burial is fairly typical of Hohokam figurines from the Gila Butte phase of the Colonial Period in the Hohokam sequence, the time period from about A.D. 750 to 850. They were formed either by the two-rod construction sequence described by Kelly (1972: 79) and Haury (1976: 255), or by folding a single long rod of clay in the center, as described by Thomas and King (1985: 724). In the latter construction technique, the area of the bend would be modeled into the head of the figurine; the mid-section of the doubled rod would be welded together to form the torso; and the ends left separate to form the legs and feet (see Figure 3.1). Facial features on these figurines include incised slits for eyes and eyebrows, a pinched nose, either an incised or punctate mouth, and what appear to be fingernail impressions marking the ears. Occasionally, eyebrows were formed by a series of shallow punctate marks that form lines over each eye. The aspect that makes this set of figurines unique is their quantity ($n = 8$) and completeness. One of the eight is complete (Figure 4.1), and two are missing only the distal portions of opposite legs (Figures 4.2 and 4.3). It is not common to find figurines, particularly those in human form, amassed in one place and those that are found are most commonly only limb fragments. The figurines were formed from alluvial clay that may have

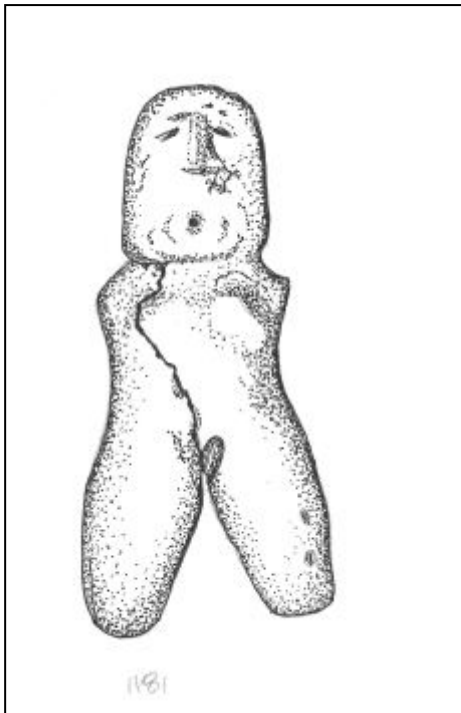


Figure 4.1. Complete clothespin figurine from Feature 119 (actual size).

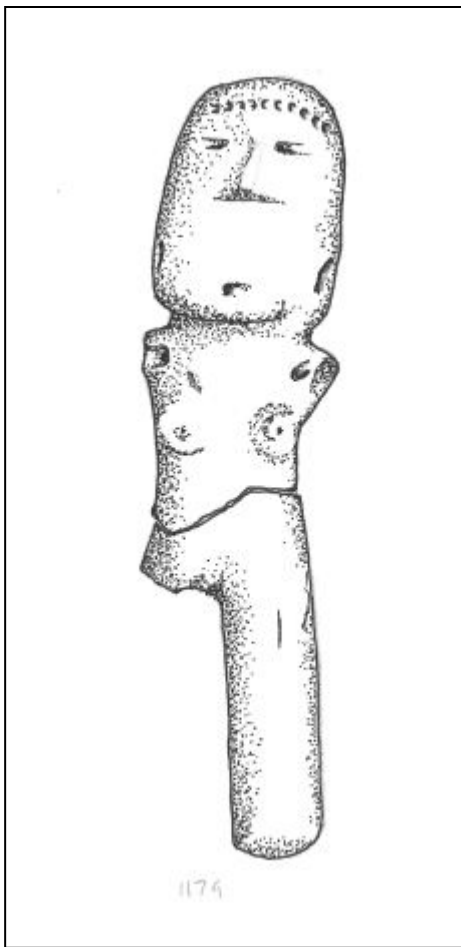


Figure 4.2. Clothespin figurine missing right leg from Feature 119 (actual size).

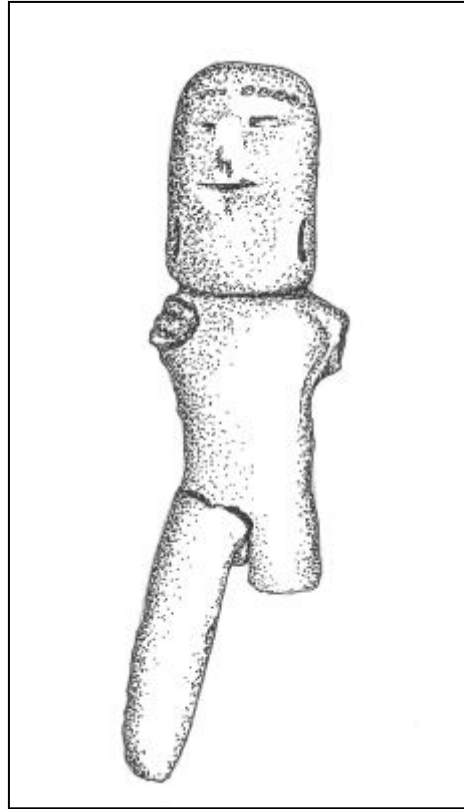


Figure 4.3. Clothespin figurine missing left leg from Feature 119 (actual size).

been procured from the bed of the Salt River or from a canal or related feature. In general these figures are fairly soft and were fired at a low temperature.

Also included with this burial is a rather uncommon ceramic object, similar in form to what Thomas and King (1985: 704-706) refer to as a “cache platform and bundle set” (Figure 4.4). It consists of two generally flattened coils of clay, with one finished end slightly wider than the other, that refit to each other, one stacked on top of the other. There are several small holes in both pieces that line up and may have contained pieces of reed, straw, or other perishable material to hold the pieces together and were stuck into the clay while it was still soft. The

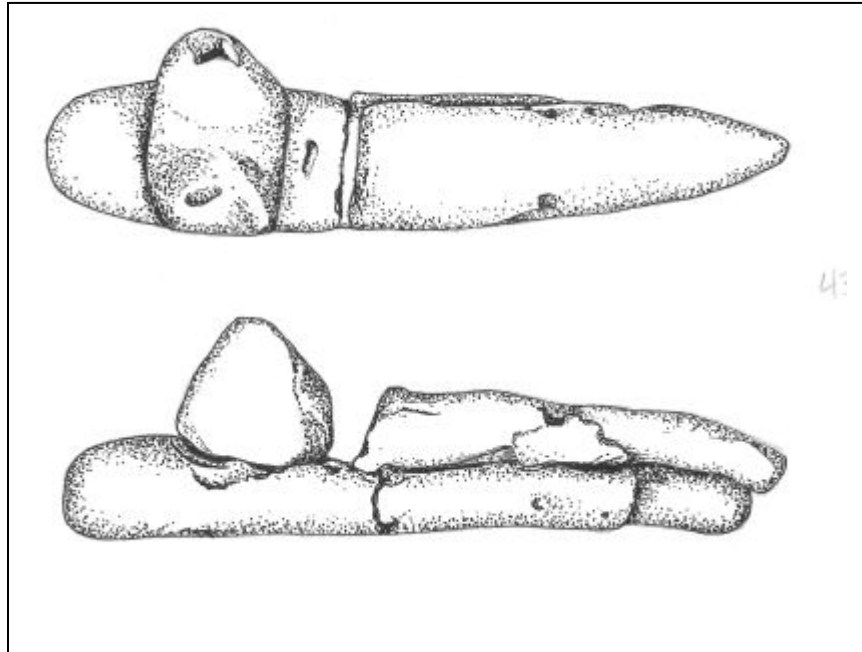


Figure 4.4. Cache platform and bundle set (Thomas and King 1985:705) from Feature 119 (actual size).

bottom of the bottom piece has impressions of what may be sections of split reeds. A third piece to this set is best described as shaped like a stuffed sack or bag (Thomas and King 1985: 705). This piece also has small holes with impressions of perishable materials in the top of it and refits with the flattened coil pieces. Haury (1965, 1976) identified similar objects at Snaketown as figurine bases or as body fragments with bases, though neither I nor Thomas and King agree with this interpretation.

Feature 109

This secondary cremation was accompanied by an extraordinary assemblage: ceramic figurine fragments that represented a minimum of seven

human figures, all seated or kneeling; a complete small pinch pot; a small jar; and a fragment of animal bone that may have been modified. The burial pit was oval and measured 37 cm by 30 cm. It had straight sides, a flat bottom, and an overall depth of 20 cm. In addition to the figurines, a high density of ceramic sherds and two flakes were recovered from this feature. Artifacts were tightly clustered in the upper 5 to 7 cm of the pit. Small, fine textured fragments of cremated bone were dispersed throughout the gray-brown fine sandy silt matrix. The individual associated with this assemblage was an infant between 9 and 12 months old.

The set of figurines from this second cremation is very unusual in that the style is very rarely seen in the Phoenix Basin (see Thomas and King 1985). These figurines are much more life-like than those recovered from Feature 119, an attribute that becomes somewhat more common during the Santa Cruz phase of the Colonial Period in the Hohokam sequence, the time period from about A.D. 850 to 950. The figurines in this assemblage are in a seated or kneeling position, and they appear to be part of a scene, or tableau. Two of the figurines have multi-strand coil necklaces that are painted black (Figure 4.5). The heads and arms of these specimens were, probably intentionally, broken prehistorically and were not recovered during excavation. One of the larger figurines, though only the lower torso and legs remain, has a miniature mano and metate set associated with it (Figure 4.6). The other figurines from this set are also depicted in much more natural poses and rendered more realistically than the more stylistic depictions seen previously. An obviously male figurine (Figure 4.7), the only one of the group, is shown with slightly hunched shoulders, one leg folded beneath him, and

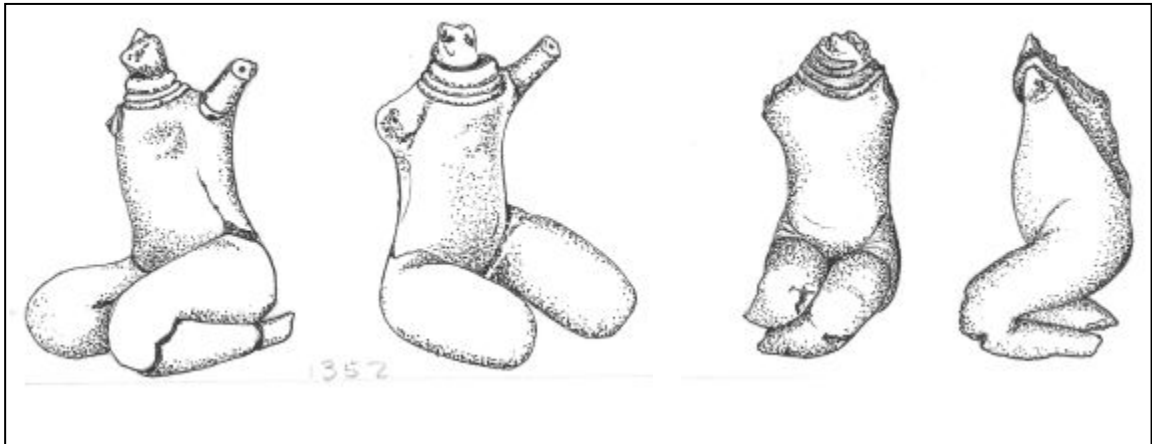


Figure 4.5. Seated figurines with coil necklaces from Feature 109 (actual size).

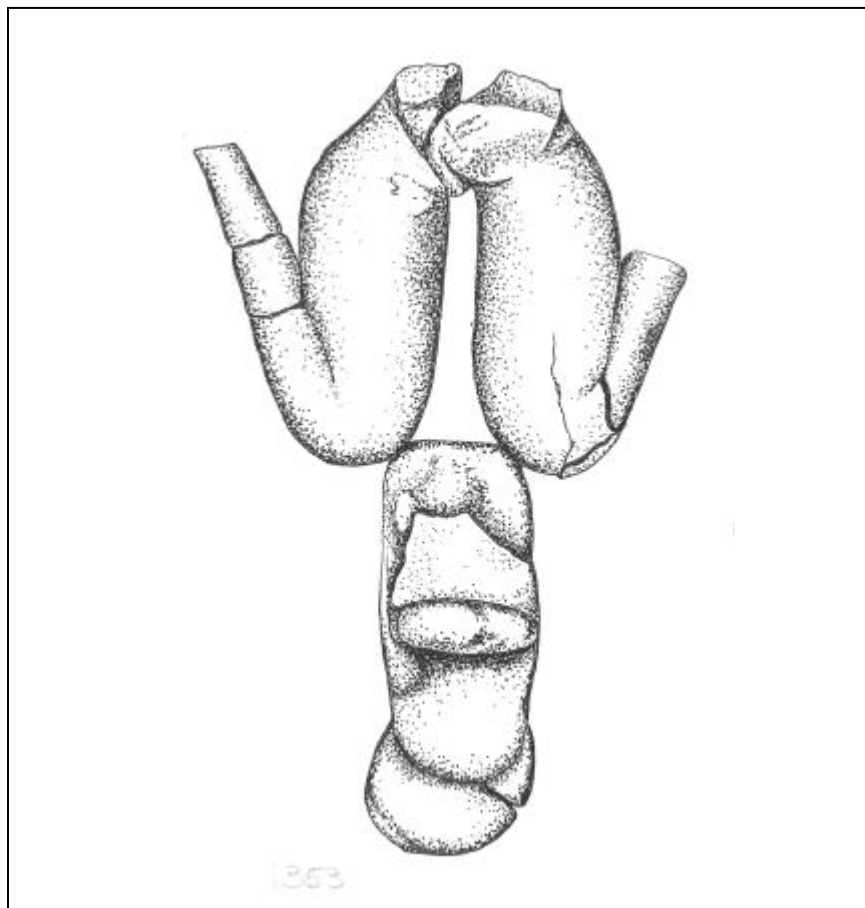


Figure 4.6. Lower portion of a seated figurine with a mano and metate from Feature 109 (actual size).

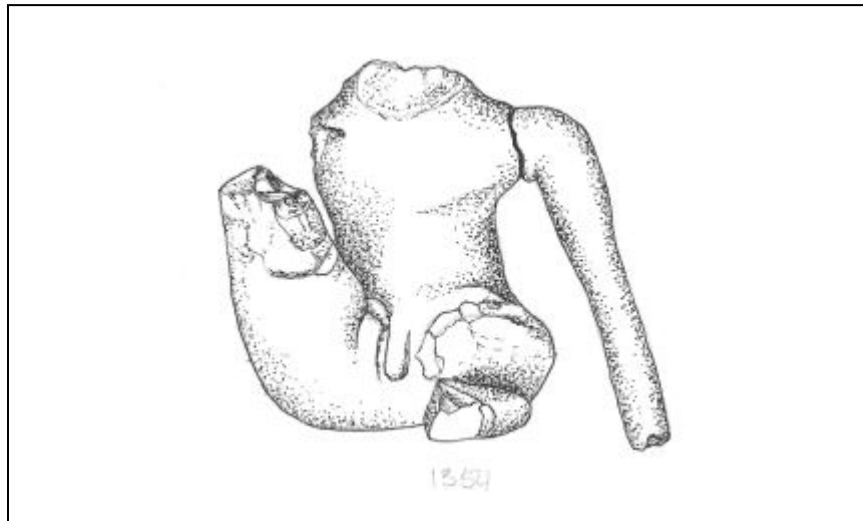


Figure 4.7. Male figurine from Feature 109 (actual size).

the other bent with the knee upward. He has one straight arm, held to his side, but away from his body at an approximately 20-degree angle. A possibly pregnant female depiction (Figure 4.8) is seated with one leg bent, knee upward, and the other leg bent and folded underneath, with her knee out to the side. The only complete head that was recovered from this context was elongated, the top of the head was squared, and the jaw was long and triangular, possibly representative of a beard (Figure 4.9). Facial attributes include incised, diamond-shaped eyes, incised slits for eyebrows, and a punctate mouth. An appliqué scar was present where an ear or ear spool would have been attached. It was unclear which, if any, of the torsos in the collection this head would have been associated with. An additional chin/beard in the same style was recovered from the same context. It was broken below the nose and at the neck, as well as in half lengthwise. It is clear, based on paste and style that the figurines associated with this cremation burial were made at the same time, and possibly by the same individual. Like

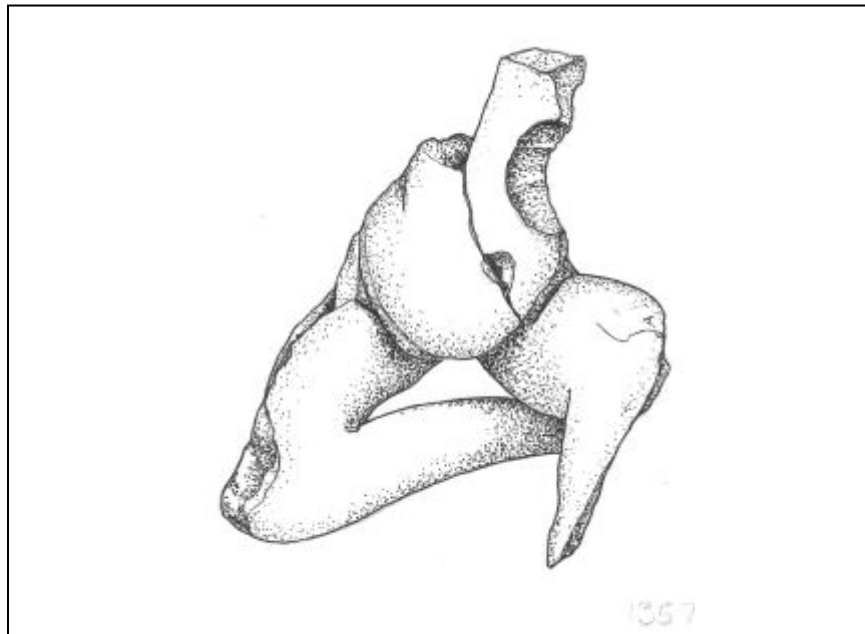


Figure 4.8. Possibly pregnant female figurine from Feature 109 (actual size).

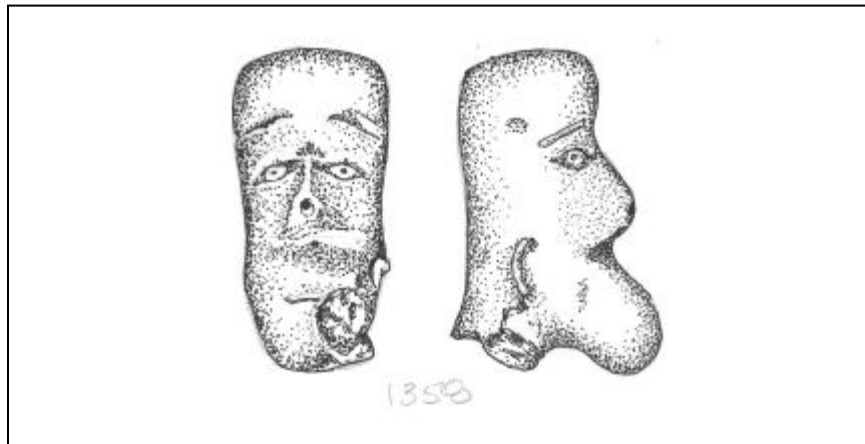


Figure 4.9. Figurine head with elongated chin or beard from Feature 109 (actual size).

those from Feature 119, these figurines were formed from alluvial clay that may have been procured from the Salt riverbed or from an irrigation canal or related feature. In general these figures are fairly soft and were fired at a low temperature.

Although this kind of realism continues to some extent into the Sedentary Period (A.D. 950 to 1150) figurines that date to the later part of the Sedentary Period are often rendered in ultimate simplicity, often represented by an oblique discoidal area representing a face with little more than a pinched ridge for a nose (Haury 1976: 260). Given this information, combined with the Late Gila Butte or Santa Cruz pottery also recovered from this burial, it is likely that these figurines date to the Santa Cruz phase of the Colonial period, and not to the later Sedentary Period.

Figurines from Non-Mortuary Contexts

Fifteen figurine fragments were recovered from non-mortuary contexts at La Villa. Of those, 11 (73 percent) were found in the fill of pithouses that ranged in occupation dates from the Vahki or Sweetwater phase through the Middle Sacaton phase, based on the ceramic assemblage. A leg and two pointed extremities were recovered from the fill of Vahki or Sweetwater phase houses. A head, part of a torso, and an appendage were recovered from Snaketown or Gila Butte phase houses. A pointed extremity was recovered from a Gila Butte phase house. A leg and a female torso that did not belong to the same specimen were

recovered from a Late Gila Butte or Santa Cruz phase house. And a torso and a rounded extremity were recovered from Sacaton phase houses.

Of these, the only figurine fragment that is complete enough for a meaningful description is the head that was recovered from a Snaketown or Gila Butte phase house. It was constructed using the two-rod method, described above, and broken where the neck meets the body. The face is subrectangular, with a relatively flat head. The nose is pinched, eyes incised slits, and mouth punctate. The eyebrows were formed by a series of shallow punctate marks that form lines over each eye. The ears or earpools are indicated by what appear to be fingernail impressions at the lower portion of the front of the face on either side of the mouth. The morphological attributes of this figurine are consistent with those from Feature 119, and those from the Gila Butte phase in general.

Of the remaining four non-mortuary figurines, a pointed extremity was recovered from an Estrella or Sweetwater phase extramural pit. Two figurine heads came from an extramural pit that dates to the Early Gila Butte phase. And a pointed extremity was found in the fill of an Early Gila Butte phase bell-shaped storage pit.

Again, the figurine fragments that are complete enough for description are the two heads that were recovered from an Early Gila Butte phase extramural pit. Interestingly, these heads, although found in the same context, differ morphologically from the head recovered from the pithouse described above and from each other. The first is approximately twice the size of the others, measuring 3.1 cm across. The top of the face is subrectangular and it has a rounded chin. The

eyes and eyebrows are wide, deeply incised slits and the nose is pinched, but very wide. The ears or earpools are indicated by fingernail impressions on either side of the lower portion of the face and there is no mouth indicated. It is possible that a mouth was painted on at some point, but no indication of it survives. This figurine was broken where the neck meets the body. The other head was broken where the head meets the neck and lengthwise down the center. Half of the incised mouth and the pinched nose are discernible and one appliqué “coffee-bean” eye is attached to the face. The top of the head is rounded and there is no indication of ears or earpools. Haury (1976: 260) notes that the “coffee-bean” eye is most often associated with Santa Cruz phase figurines. It is likely that both of these specimens were constructed using the two-rod method.

Discussion

A large and highly varied figurine assemblage has been recovered from the site of La Villa during the pre-Classic Period. It is comprised of two distinct human figurine forms and a number of other clay objects. The figurines were found in both interior and exterior domestic contexts throughout the site, as well as from secondary cremation burials. They were most frequently associated with domestic refuse when the rarity of those found in association with the burial caches is taken into account.

Some of the figures within the larger assemblage were partially burned, most were broken systematically, and none exhibited visible use wear. Individualized detail and decoration are rare, with the exception of those figurines

associated with the secondary cremation Feature 119. The figurines from non-mortuary contexts are consistent in form with those from secondary cremation Feature 109, as well as others that have been identified from the same time period elsewhere in the Phoenix Basin (see Haury 1965, 1976). Female biological features are present on several figurines and only one male is represented in the entire assemblage. A comparison of these assemblage characteristics and ethnographic and ethnohistoric sources on figurine use indicates that the majority of these anthropomorphic figurines were likely being used as domestic symbols of family and ancestors within the household as part of everyday ritual (Stinson 2004). Haury (1976: 260) indicates that a functional change from domestic ritual to mortuary paraphernalia may have occurred during the Santa Cruz phase. This conclusion is consistent with the current findings.

Based on these results the figurine assemblage recovered from La Villa is, on the whole, consistent with figurine assemblages and Hohokam ontologies elsewhere in the Phoenix Basin. What makes this assemblage particularly unusual, however, is the figurine morphology of the figures from Feature 109. Additionally, the fact that two caches of figurines were recovered from the same area is somewhat of an anomaly for the Phoenix Basin. The way that the objects were treated and disposed of however, fits nicely in the pattern of Phoenix Basin depositional contexts for figurines.

CHAPTER 5

DISCUSSION AND CONCLUSIONS

Hohokam figurines, as an artifact class, are consistently overlooked as objects to be systematically studied in great detail. In many cases, figurines are mentioned and described in reports without much, or any, attention given to their meaning or symbolic significance. Using a behavioral life history approach in conjunction with theories of materiality and specific attention to depositional practice provides a useful framework for looking at the archaeological record from an ontological point of view. While the individual concepts are not new, the combination produces a distinctive way of interpreting cultural deposits.

Through my research, I have collected and synthesized information on select attributes of figurine morphology and the archaeological contexts from which they were recovered. These data have informed on the types of categories in which prehistoric peoples placed figurines, thereby giving us a sense of their prehistoric value and use. Using a life history approach to look at figurines allowed me to explore the manufacture, use, and discard of these objects. By looking specifically at pathways of discard, I was able to discern patterns in depositional practices, and thereby, the behaviors behind those patterns. Differences in depositional context give us an idea about how figurines were categorized and therefore valued prehistorically. Value is a concept that reflects a person's worldview; likewise, how *things* are categorized reflects a culture's ontology.

By looking at Hohokam figurines from the Phoenix Basin through an ontological lens, different pathways of discard have become apparent. Figurines that were used in household ritual were considered different, and treated differently, from those used in funerary rites. Though morphologically similar, patterns in depositional context and breakage reveal that figurines recovered from household refuse had different life histories, and therefore different ontologies, than those recovered from burials (Figure 5.1).

It is clear that those figures that were used in household ritual were made specifically for that purpose. They were well constructed and well fired, just like other household ceramic objects; and like other household objects, when they were broken — probably unintentionally — they were disposed of with no particular attention or fanfare. They were part of the mundane, everyday life of the typical Hohokam person.

Figurines that were recovered from burial contexts had a different pathway of discard. From the beginning, these objects were made with the intent that they would be ritually discarded as part of the funerary rites. These figurines were often not as well fired, and intentionally broken, as evidenced by the breakage patterns discussed previously. Not only are these objects more likely to be found in a more complete state, they are more likely to be found in association with other figurines (caches).

As opposed to figurines found in domestic refuse contexts, figurines in burials are also more likely to be associated with other special, more highly valued items, such as censers, palettes, and miniature ceramic vessels. It is in

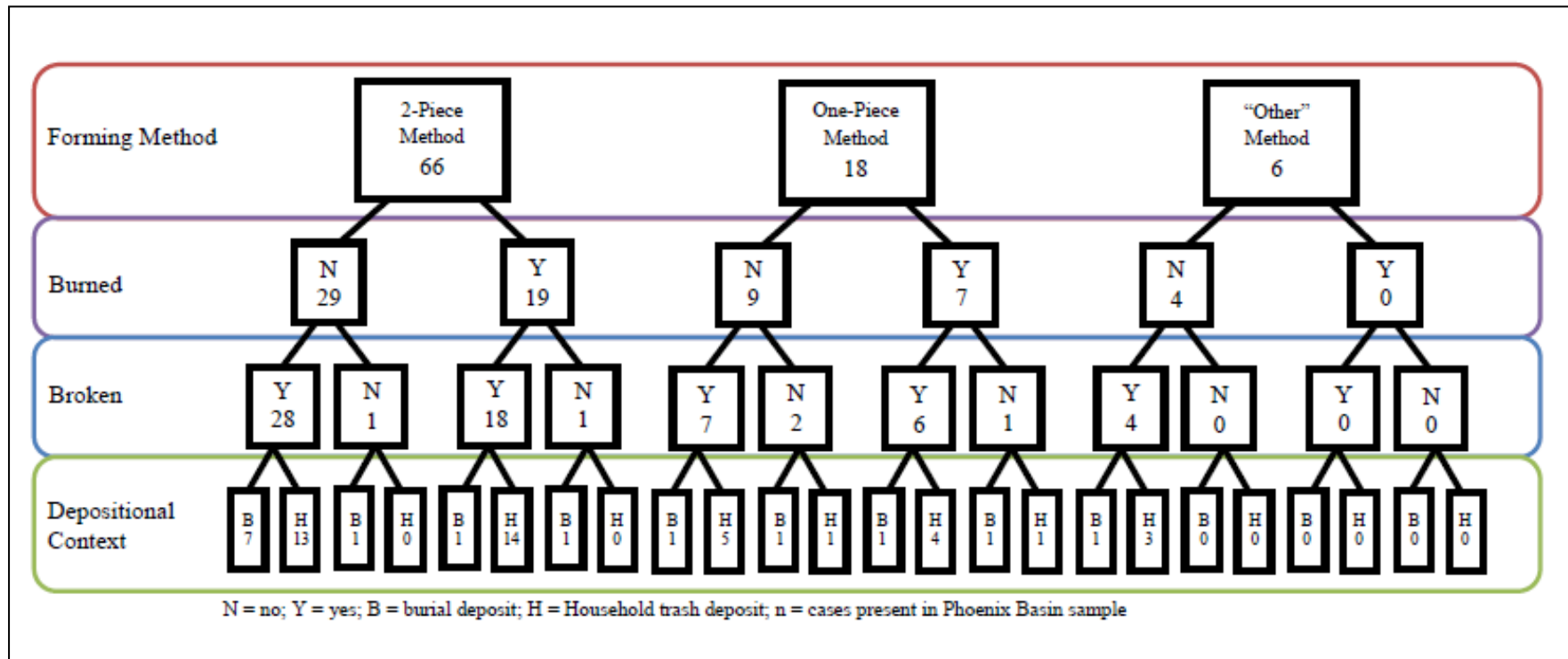


Figure 5.1. Pathway of discard flow chart for Phoenix Basin figurines.

these cases that relational ontologies can be seen among the different types of objects in a single deposit. Interestingly, these miniature vessels tend to be made from the same alluvial clays as the figurines—i.e., not the same clay usually used for ceramic vessels—and are also not very well fired. It is probable that in deposits where both of these artifact types are present they were made at the same time and from the same ritually charged clay body, although more work needs to be done to support this claim.

The life history, or biography, of an object makes it what it is. A short vignette illustrates what the biography of a figurine might look like, as well as the differential ontologies that a figurine may be subjected to over the course of its life:

A young woman sits under the ramada outside of her dug-out pithouse on a warm day in what would now be Phoenix, 600 years before the Spanish arrive. She is rolling a coil of clay between her hands – back and forth, back and forth, in a fluid motion. She folds the coil in two and begins smoothing the body for the figurine, the legs formed by the ends of the coil. She pinches out the arms from the clay that formed body, and then, from the same piece, begins to shape the head. She takes care to form the pinched nose and inscribe diamond-shaped eyes and a narrow mouth. This one will be painted red with hematite, along with the rest. There are six of these figurines in all, and they were specially made to be placed in a cremation grave; they are burial goods.

More than 1,000 years later, the City of Phoenix wants to install a storm drain in preparation for Arizona's Centennial celebrations. Since the project is located in a culturally sensitive area, archaeologists go in first to record any prehistoric remains that might be destroyed by construction activities. The burial with six figurines is "discovered" (along with many other burials), and the figurines are carefully wrapped, bagged, and cataloged. They will be sent to the lab and analyzed with the rest of the artifacts collected from the site; measurements will be taken, characteristics recorded, and illustrations drawn. When analysis is complete, the figurines will be returned to a local Native American tribe for reburial. Their time as "artifacts" will have passed, and they will regain their original status as burial goods, without ever really changing at all.

Objects are what people make them. Had a pothunter found the cache of figurines, instead of archaeologists, they may have never been artifacts. They may have ended up as "curiosities" in a box in the attic; maybe sold on the black market, where they would have acquired the title "commodities," or put on display in an art museum, where they would have been "Prehispanic art" (Figure 5.2).

Material culture is everywhere, and just as we shape the things that we interact with, they shape us and have an effect on our worldview. These connections and reciprocal relationships, in turn, become apparent in the

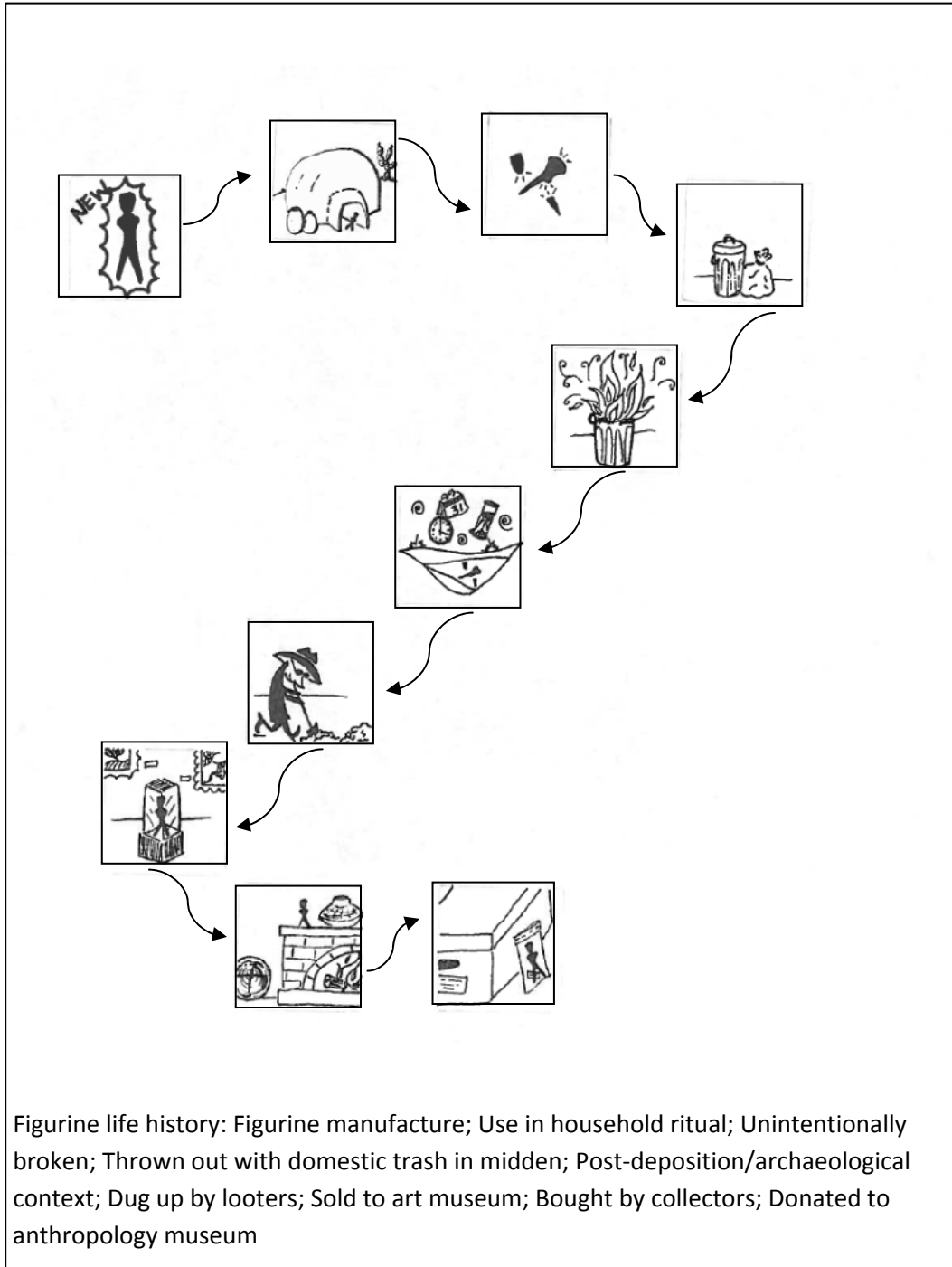


Figure 5.2. Hypothetical figurine life history, illustrating differential ontologies.

structured way that the objects that we interact with are disposed of. There is great potential for adopting an ontological approach to interpreting the archaeological record. Exploring an object's life history (manufacture, use, and discard) and incorporating pathways of discard can bring to light patterns in depositional practices that will help us understand the behaviors behind those practices. It will also allow us to take a better look at how different types of objects were valued prehistorically.

Things are assigned to different categories based on the individual observer's worldview. Archaeologists are not an exception to this rule, but we might do well to consider the indigenous distinctions that the people of the past produced and used to categorize the objects that were part of their lives.

APPENDIX A, FIGURINE ATTRIBUTE DATA

Anthropomorphic Figurine Attribute Coding Index

Provenience Attributes (Where applicable):

1. **Project code** (PROJ)
2. **ASM site number** (SITE)
3. **Primary feature number** (FEA)
4. **Field number** (FN)
5. **Observation number** [assigned 1 - n for each FN] (OBS)
6. **Fragment number** (conjoin/match) (FRAG)

General Attributes:

7. **Maximum length or height** (assumed to be “+” an unknown amount unless body part is “complete”) (in cm.) (LENGTH)
8. **Maximum width or diameter** (in cm.) (WIDTH)
9. **Posture** (POSTURE)
 - 9 = Indeterminate
 - 1 = Extended/standing
 - 2 = Seated
10. **Body part(s)** (BDYPRT)
 - 9 = Indeterminate
 - 1 = Complete
 - 2 = Nearly complete (head, torso, and legs)
 - 3 = Head
 - 4 = Head with scoop-shaped body
 - 5.0 = Head and torso
 - 5.1 = Head and torso with scoop-shaped body
 - 6.0 = Torso
 - 6.1 = Torso with scoop-shaped body

Body part(s) cont.

- 7 = Torso and leg(s)
- 8 = Leg(s)
- 9 = Torso and arm(s)
- 10 = Arm(s)
- 11 = Torso and cleft bulbous base
- 12 = Cleft bulbous base
- 13 = Torso and drumstick/bulbous base
- 14 = Drumstick/bulbous base
- 15 = Indeterminate straight cylindrical torso or limb fragment
- 16 = Indeterminate curved cylindrical torso or limb fragment
- 17 = Rounded extremity
- 18 = Pointed extremity
- 19 = Blunted extremity
- 20 = Spatulate extremity
- 21 = Other (describe in COMMENTS)
- 22 = Teardrop base and torso
- 23 = Teardrop base
- 24 = Indeterminate teardrop or cleft bulbous base

11. Sexual features (SEX)

- 9 = Indeterminate (describe evidence in COMMENTS)
- 0 = Absent
- 1 = Female
- 1.1 = Breast(s), molded or appliqué
- 1.2 = Breast(s), appliqué scar
- 2 = Pregnant
- 3 = Breast(s) and pregnant
- 4 = Male
- 4.1 = Phallus (w/out longitudinal scoring from pubis to neck)
- 4.2 = Phallus, appliqué scar (w/out longitudinal scoring from pubis to neck)
- 5.1 = Phallus (w/ longitudinal scoring from pubis to neck)
- 5.2 = Phallus, appliqué scar (w/ longitudinal scoring from pubis to neck)

12. Armature (ARM)

- 9 = Indeterminate
- 0 = Absent
- 1 = Present (describe in COMMENTS)

*Facial Attributes:***13. Head shape (HEAD)**

- 9 = Indeterminate or not a head
- 1 = Rounded top
- 2 = Funnel-shaped concave depression (Haury 1965:Figure 113)
- 3 = Flat top
- 4 = Rectangular-trapezoidal or wedge-shaped

14. Headband/turban (HDBND)

- 9 = Indeterminate or not a head
- 0 = Absent
- 1.1 = Present
- 1.2 = Present, appliqué scar

15. Hair (describe in COMMENTS, esp. location, style, etc.) (HAIR)

- 9 = Indeterminate or not a head
- 0 = Absent
- 1.1 = Present, appliqué
- 1.2 = Present, appliqué scar
- 2 = Present, incised
- 3 = Present, painted

16. Eyebrow (EYEBRW)

- 9 = Indeterminate or not a head
- 0 = Absent
- 1.1 = Present, appliqué
- 1.2 = Present, appliqué scar
- 2 = Present, incised

17. Eye (EYE)

- 9 = Indeterminate or not a head
- 0 = Absent
- 1 = Punctate
- 2.1 = Coffee bean
- 2.2 = Coffee bean, appliqué scar
- 3 = Incised slit
- 4 = Incised diamond
- 5 = Incised line-and-arc

18. Nose (NOSE)

- 9 = Indeterminate or not a head
- 0 = Absent
- 1 = Pinched
- 2 = Appliqué
- 3 = Punctate

19. Mouth (MOUTH)

- 9 = Indeterminate or not a head
- 0 = Absent
- 1 = Punctate
- 2 = Incised
- 3 = Other (describe in COMMENTS)

20. Ear plug/spool (EARSPL)

- 9 = Indeterminate or not a head
- 0 = Absent
- 1.1 = Present (describe in COMMENTS)
- 1.2 = Present, appliqué scar

21. Chin ornament (CHIN)

- 9 = Indeterminate or not a head
- 0 = Absent
- 1.1 = Present
- 1.2 = Present, appliqué scar

*Torso Attributes:***22. Necklace (NECKLAC)**

- 9 = Indeterminate or not a torso
- 0 = Absent
- 1 = Present, punctate
- 2.1 = Present, appliqué
- 2.11 = Present, one-strand
- 2.12 = Present, two-strand
- 2.13 = Present, multi-strand
- 2.2 = Present, appliqué scar
- 3 = Present, painted

23. Crystal or pebble heart (HEART)

- 9 = Indeterminate or not a torso
- 0 = Absent
- 1 = Present

24. Belt (BELT)

- 9 = Indeterminate or not a torso
- 0 = Absent
- 1 = Present, incised
- 2.1 = Present, appliqué
- 2.2 = Present, appliqué scar
- 3 = Present, painted

*Limb Attributes:***25. Upper arm pad (ARMPAD)**

- 9 = Indeterminate or not an arm
- 0 = Absent
- 1.1 = Present
- 1.2 = Present, appliqué scar

26. Arm band or bracelet (BRACLT)

- 9 = Indeterminate or not an arm
- 0 = Absent
- 1 = Present, incised
- 2.1 = Present, appliqué
- 2.2 = Present, appliqué scar
- 3 = Present, painted

27. Leg type (LEGTYPE)

- 9 = Indeterminate or not a leg
- 1 = Cylindrical (lacking any hip or foot details)
- 2 = Straight w/ molded foot
- 3 = Straight and tapering
- 4 = Curved and tapering

28. Leg band or anklet (ANKLET)

- 9 = Indeterminate or not a leg
- 0 = Absent
- 1 = Present, incised
- 2.1 = Present, appliqué
- 2.2 = Present, appliqué scar
- 3 = Present, painted

*Other Decorative Attributes:***29. Other incising (INCISED)**

- 9 = Indeterminate
- 0 = Absent
- 1 = Present (describe in COMMENTS)

30. Other punctuation (PUNCT)

- 9 = Indeterminate
- 0 = Absent
- 1 = Present (describe in COMMENTS)

31. Other appliqué (APPLIQ)

- 9 = Indeterminate
- 0 = Absent
- 1.1 = Present (describe in COMMENTS)
- 1.2 = Scar present (describe in COMMENTS)

32. Other painting (PAINT)

- 9 = Indeterminate
- 0 = Absent
- 1 = Present (note color and describe in COMMENTS)

*Construction & Paste Attributes:***33. Construction method (METHOD)**

- 9 = Indeterminate
- 1 = One-piece or rod
- 2 = Two-piece
- 3 = Other (describe in COMMENTS)

34. Tempered? (determined @ 15X) (TEMPER)

- 9 = Indeterminate
- 1 = Fine paste (a small amount of natural nonplastics may be present)
- 2 = Tempered (note area's Temper Type, Temper Source Generic, and Temper Source Specific in COMMENTS)

35. Modal temper grain size (determined @ 15X using a W.F. McCollough “Sand-gauge”) (SZMOD)

- 9 = Indeterminate
- 0 = clay
- 1 = silt (<1/16 mm)
- 2 = v fine sand (1/16-1/8 mm)
- 3 = fine sand (1/8-1/4 mm)
- 4 = medium sand (1/4-1/2 mm)
- 5 = coarse sand (1/2-1.0 mm)
- 6 = v coarse sand (1.0-2.0 mm)
- 7 = gravel (>2.0 mm)

36. Fingerprint impressions (FNGRPT)

- 9 = Indeterminate
- 0 = Absent
- 1 = Present

37. Hardness (HARD)

- 9 = Indeterminate
- 0 = Less than Mohs' hardness scale of 2 (softer than gypsum, easily scratched by a fingernail)
- 1 = Equal or greater than Mohs' hardness scale of 2 (harder than gypsum)

38. Modal fired clay color (COLOR)

- 9 = Indeterminate
- 1 = Orange
- 2 = Buff
- 3 = Tan
- 4 = Brown
- 5 = Light gray
- 6 = Dark gray
- 7 = Black
- 8 = Various (list in COMMENTS)
- 9 = Other (describe in COMMENTS)

Interpretive Post-Manufacture Attributes:

39. Blackening (BLACK)

- 9 = Indeterminate
- 0 = Unblackened
- 1 = Slight or spotty blackening (note location in COMMENTS, esp. back of torso and legs, or on all sides of legs)
- 2 = Blackened

40. **Breakage** (BREAK)

- 9 = Indeterminate
- 0 = None
- 1 = At head/torso
- 2.0 = At torso/leg
- 2.1 = At torso/lower body
- 3 = At head/torso and torso/leg
- 4 = Other (describe in COMMENTS)

41. **Use-wear** (localized areas of polish or traces of another form of abrasion) (USE)

- 9 = Indeterminate
- 0 = Absent
- 1 = Slight
- 2 = Moderate
- 3 = Severe

42. **Mutilation** (non-decorative puncturing, pecking, grooving, or gouging) (MUTI)

- 9 = Indeterminate
- 0 = Absent
- 1 = Present

Other/Comments:

43. **Temporal style** (ad hoc) (STYLE)

- UNKN = Unknown
- ESP = Early San Pedro
- LSP+EC = Late San Pedro *and* Early Cienega
- EPC = Early pre-Classic
- LPC = Late pre-Classic
- PC = pre-Classic
- CLA = Classic

44. Context (CONTEXT)

- 9 = Indeterminate/Not recorded
- 0 = Non-feature context
- 1 = Pithouse, Undifferentiated fill
- 1.1 = Pithouse, Floor Fill
- 1.2 = Pithouse, Floor Contact
- 1.3 = Intramural pit
- 2 = Burial, type not recorded
- 2.1 = Cremation
- 2.2 = Inhumation
- 3 = Extramural Pit
- 4 = Trash mound/Midden
- 5 = Other (note in COMMENTS)

45. Short Reference (REF)**46. Comments (COMMENTS)**

Table A.1. Phoenix Basin figurine data.

PROJ	SITE	FEA	FN	OBS	FRAG	LENGTH	WIDTH	THICK	POSTURE	BDYPRT	SEX	ARM
-	-9	-	1981A02478P	1	1	4.3	1.8	2.1	-9	3	0	0
-	-9	-	1981A02494P	1	1	4.2	1.2	2.2	-9	3	0	0
Midvale	-	-	-	1	1	3.1	2.2	1.1	1	6	0	0
Midvale	-	-	-	2	1	2.2	1.4	0.7	1	7	0	0
Midvale	-	-	-	3	1	2.7	1.2	0.8	1	7	0	0
MNA Excav	Baccharis Site	7	-	1	-	-	-	-	2	1	1.1	-9
MNA Excav	Baccharis Site	7	-	2	-	-	-	-	1	1	1.1	0
MNA Excav	Baccharis Site	7	-	3	3	-	-	-	1	2	4.1	0
MNA Excav	Baccharis Site	7	-	4	1	-	-	-	1	7	0	0
MNA Excav	Baccharis Site	34	-	5	1	-	-	-	1	6	0	0
-	El Caserio	-	-	1	1	-	-	-	-9	15	0	-9
-	El Caserio	-	-	2	1	-	-	-	-9	15	0	-9
-	El Caserio	29	-	3	1	-	-	-	-9	15	0	-9
-	El Caserio	88	-	4	1	-	-	-	-9	15	0	-9
SSD	Grewe	-	-	1231	-9	-9	-9	-9	-9	17	0	-9
SSD	Grewe	-	-	1232	-9	-9	-9	-9	-9	2	-9	-9
SSD	Grewe	-	-	1233	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1234	-9	-9	-9	-9	-9	1	-9	-9
SSD	Grewe	-	-	1235	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1236	-9	-9	-9	-9	-9	5	-9	-9
SSD	Grewe	-	-	1237	-9	-9	-9	-9	-9	5	1	-9
SSD	Grewe	-	-	1238	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1239	-9	-9	-9	-9	-9	15	0	-9

SSD	Grewe	-	-	1240	-9	-9	-9	-9	-9	6	1	-9
SSD	Grewe	-	-	1241	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1242	-9	-9	-9	-9	-9	5	-9	-9
SSD	Grewe	-	-	1243	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1244	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1245	-9	-9	-9	-9	-9	7	4	-9
SSD	Grewe	-	-	1246	-9	-9	-9	-9	-9	5	1	-9
SSD	Grewe	-	-	1247	-9	-9	-9	-9	-9	1	-9	-9
SSD	Grewe	-	-	1248	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1249	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1250	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1251	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1252	-9	-9	-9	-9	-9	1	-9	-9
SSD	Grewe	-	-	1253	-9	-9	-9	-9	-9	6	1	-9
SSD	Grewe	-	-	1254	-9	-9	-9	-9	-9	5	1	-9
SSD	Grewe	-	-	1255	-9	-9	-9	-9	-9	6	1	-9
SSD	Grewe	-	-	1256	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1257	-9	-9	-9	-9	-9	5	1	-9
SSD	Grewe	-	-	1258	-9	-9	-9	-9	-9	1	-9	-9
SSD	Grewe	-	-	1259	-9	-9	-9	-9	-9	1	-9	-9
SSD	Grewe	-	-	1260	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1261	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1262	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1263	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1264	-9	-9	-9	-9	-9	5	1	-9
SSD	Grewe	-	-	1265	-9	-9	-9	-9	-9	3	0	-9

SSD	Grewe	-	-	1266	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1267	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1268	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1269	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1270	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1271	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1272	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1273	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1274	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1275	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1276	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1277	-9	-9	-9	-9	-9	20	0	-9
SSD	Grewe	-	-	1278	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1279	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1280	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1281	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1282	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1283	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1284	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1285	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1286	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1287	-9	-9	-9	-9	-9	17	0	-9
SSD	Grewe	-	-	1288	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1289	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1290	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1291	-9	-9	-9	-9	-9	15	0	-9

SSD	Grewe	-	-	1292	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1293	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1294	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1295	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1296	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1297	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1298	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1299	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1300	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1301	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1302	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1303	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1304	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1305	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1306	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1307	-9	-9	-9	-9	-9	19	0	-9
SSD	Grewe	-	-	1308	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1309	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1310	-9	-9	-9	-9	-9	21	1	-9
SSD	Grewe	-	-	1311	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1312	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1313	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1314	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1315	-9	-9	-9	-9	-9	17	0	-9
SSD	Grewe	-	-	1316	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1317	-9	-9	-9	-9	-9	15	0	-9

SSD	Grewe	-	-	1318	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1319	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1320	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1321	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1322	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1323	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1324	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1325	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1326	-9	-9	-9	-9	-9	17	0	-9
SSD	Grewe	-	-	1327	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1328	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1329	-9	-9	-9	-9	-9	17	0	-9
SSD	Grewe	-	-	1330	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1331	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1332	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1333	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1334	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1335	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1336	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1337	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1338	-9	-9	-9	-9	-9	6	1	-9
SSD	Grewe	-	-	1339	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1340	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1341	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1342	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1343	-9	-9	-9	-9	-9	15	0	-9

SSD	Grewe	-	-	1344	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1345	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1346	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1347	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1348	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1349	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1350	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1351	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1352	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1353	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1354	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1355	-9	-9	-9	-9	-9	6	1	-9
SSD	Grewe	-	-	1356	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1357	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1358	-9	-9	-9	-9	-9	17	0	-9
SSD	Grewe	-	-	1359	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1360	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1361	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1362	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1363	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1364	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1365	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1366	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1367	-9	-9	-9	-9	-9	6	1	-9
SSD	Grewe	-	-	1368	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1369	-9	-9	-9	-9	-9	15	0	-9

SSD	Grewe	-	-	1370	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1371	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1372	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1373	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1374	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1375	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1376	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1377	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1378	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1379	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1380	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1381	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1382	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1383	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1384	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1385	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1386	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1387	-9	-9	-9	-9	-9	19	0	-9
SSD	Grewe	-	-	1388	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1389	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1390	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1391	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1392	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1393	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1394	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1395	-9	-9	-9	-9	-9	15	0	-9

SSD	Grewe	-	-	1396	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1397	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1398	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1399	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1400	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1401	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1402	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1403	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1404	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1405	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1406	-9	-9	-9	-9	-9	6	1	-9
SSD	Grewe	-	-	1407	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1408	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1409	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1410	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1411	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1412	-9	-9	-9	-9	-9	1	4	-9
SSD	Grewe	-	-	1413	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1414	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1415	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1416	-9	-9	-9	-9	-9	7	1	-9
SSD	Grewe	-	-	1417	-9	-9	-9	-9	-9	6	1	-9
SSD	Grewe	-	-	1418	-9	-9	-9	-9	-9	6	1	-9
SSD	Grewe	-	-	1419	-9	-9	-9	-9	-9	3	0	-9
SSD	Grewe	-	-	1420	-9	-9	-9	-9	-9	21	0	-9
SSD	Grewe	-	-	1421	-9	-9	-9	-9	-9	8	0	-9

SSD	Grewe	-	-	1422	-9	-9	-9	-9	-9	19	0	-9
SSD	Grewe	-	-	1423	-9	-9	-9	-9	-9	18	0	-9
SSD	Grewe	-	-	1424	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1425	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1426	-9	-9	-9	-9	-9	21	0	-9
SSD	Grewe	-	-	1427	-9	-9	-9	-9	-9	19	0	-9
SSD	Grewe	-	-	1428	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1429	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1430	-9	-9	-9	-9	-9	15	4	-9
SSD	Grewe	-	-	1431	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1432	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1433	-9	-9	-9	-9	-9	6	-9	-9
SSD	Grewe	-	-	1434	-9	-9	-9	-9	-9	7	-9	-9
SSD	Grewe	-	-	1435	-9	-9	-9	-9	-9	15	0	-9
SSD	Grewe	-	-	1436	-9	-9	-9	-9	-9	19	0	-9
SSD	Grewe	-	-	1437	-9	-9	-9	-9	-9	19	0	-9
SSD	Grewe	-	-	1438	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1439	-9	-9	-9	-9	-9	8	0	-9
SSD	Grewe	-	-	1440	-9	-9	-9	-9	-9	17	0	-9
-	La Lomita	71	-	1	1	7.5	-	-	-9	3	0	1
-	La Lomita	-	-	-	8	-	-	-	-9	15	0	-9
Schroeder	La Villa	13	1337	1	1	2.4	1.2	-	1	6	1.1	-9
Schroeder	La Villa	75	2944	2	1	2.6	-	1.6	-9	3	0	-9
Schroeder	La Villa	75	3503	3	1	2.3	1.5	-	1	6	2	-9
Schroeder	La Villa	109	4671	4	1	2.9	1.2	-	-9	15	0	-9
Schroeder	La Villa	123	5102	5	1	3.25	1.4	-	-9	15	0	-9

Schroeder	La Villa	140	6596	6	1	2.1	2.7	-	-9	15	0	-9
Schroeder	La Villa	(SA-2H)	6890	7	1	4.25	1.7	-	-9	8	0	-9
Rio Salado	Las Canopas	65	3164	1	1	1.35	0.6	0.6	-9	15	0	-9
Rio Salado	Las Canopas	85	2927	2	2	1.9	0.7	0.7	-9	15	0	-9
Rio Salado	Las Canopas	105	3268	3	1	2.1	1.6	1.5	-9	15	0	-9
Rio Salado	Las Canopas	114	2813	4	1	1.5	1	1	-9	15	0	-9
Rio Salado	Las Canopas	166	200	5	1	6.65	1.3	1	1	5	0	-9
Rio Salado	Las Canopas	169	3095	6	1	1.8	1.5	1.2	-9	-9	0	-9
Rio Salado	Las Canopas	501	1031	7	2	3.2	0.9	0.9	-9	15	0	-9
Rio Salado	Las Canopas	561	1174	8	1	2.9	1.1	0.9	-9	15	0	-9
Rio Salado	Las Canopas	580	1223	9	1	1.3	1.15	0.85	-9	3	0	-9
Rio Salado	Las Canopas	653	2278	10	3	1.5	1.3	0.6	-9	15	0	-9
Rio Salado	Las Canopas	689	1703	11	1	1.15	0.7	0.7	-9	15	0	-9
Rio Salado	Las Canopas	780	3168	12	1	3.4	1.5	1.4	-9	15	0	-9
Rio Salado	Las Canopas	782	1923	13	1	2.4	1.75	1.2	-9	6	0	-9
Rio Salado	Las Canopas	801	2000	14	1	3	2.3	1.2	-9	6	4.1	-9
Rio Salado	Las Canopas	867	1973	15	1	12.6	6.6	0.6	1	5.1	0	0
Rio Salado	Las Canopas	911	3173	16	1	1.65	1.3	1.3	-9	15	0	-9
Rio Salado	Las Canopas	974	2392	17	2	2.95	0.7	0.7	-9	15	0	-9
Rio Salado	Las Canopas	986	3258	18	1	0.9	0.6	0.6	-9	15	0	-9
Rio Salado	Las Canopas	1041	1683	19	3	8.8	3.5	1.25	1	5.1	0	0
Rio Salado	Las Canopas	0	996	20	1	3.5	1.5	1.5	-9	15	0	-9
-	Las Colinas	-	-	1	1	-	-	-	-9	3	0	-9
-	Las Colinas	-	-	2	1	-	-	-	1	2	0	0
-	Las Colinas	-	-	3	2	-	-	-	-9	3	0	0
-	Las Colinas	-	-	4	1	-	-	-	-9	3	0	0

-	Las Colinas	-	-	5	1	-	-	-	-9	5	0	0
-	Las Colinas	-	-	6	1	-	-	-	-9	15	0	0
-	Las Cremaciones	247	-	1	1	-	-	-	1	15	0	-9
Kyrene Generating												
Station	Los Guanacos	151	1166	1	1	-	-	-	1	5	1.1	0
NRI	Los Guanacos	14	-	1	1	5.5	2	-	1	1	0	0
-	Los Hornos	21	-	1	1	-	-	-	1	2	1.1	-9
-	Los Hornos	22	-	1	1	-	-	-	-9	5	0	-9
-	Los Hornos	22	-	2	1	-	-	-	-9	6	1.1	-9
-	Los Hornos	136	-	1	1	-	-	-	-9	5	0	-9
SWCA	Los Hornos	77	-	4	1	-	-	-	-9	7	0	-9
SWCA	Los Hornos	85	-	5	1	-	-	-	-9	15	0	-9
SWCA	Los Hornos	85	-	6	1	-	-	-	-9	7	0	-9
SWCA	Los Hornos	85	-	7	1	-	-	-	-9	6	0	-9
SWCA	Los Hornos	85	-	8	1	-	-	-	-9	6	0	-9
SWCA	Los Hornos	95	-	9	1	-	-	-	-9	-9	0	-9
SWCA	Los Hornos	90	-	10	1	-	-	-	-9	6	0	-9
SWCA	Los Hornos	98	-	11	1	-	-	-	-9	6	0	-9
SWCA	Los Hornos	100	-	12	1	-	-	-	-9	6	0	-9
SWCA	Los Hornos	82	-	13	1	-	-	-	-9	3	0	-9
SWCA	Los Hornos	85	-	14	1	-	-	-	-9	3	0	-9
SWCA	Los Hornos	86	-	15	1	-	-	-	-9	5	1.1	-9
SWCA	Los Hornos	24	-	16	1	-	-	-	-9	10	0	-9
SWCA	Los Hornos	39	-	17	2	-	-	-	-9	15	0	-9
SWCA	Los Hornos	59	-	18	2	-	-	-	-9	15	0	-9
SWCA	Los Hornos	59	-	19	1	-	-	-	-9	8	0	-9

SWCA	Los Hornos	76	-	20	1	-	-	-	-9	15	0	-9
SWCA	Los Hornos	85	-	21	4	-	-	-	-9	15	0	-9
SWCA	Los Hornos	89	-	22	1	-	-	-	-9	15	0	-9
SWCA	Los Hornos	55	-	1	1	-	-	-	2	6	1.1	1
SWCA	Los Hornos	39	-	2	1	-	-	-	-9	6	-9	-9
SWCA	Los Hornos	76	-	3	1	-	-	-	-9	6	-9	-9
SWCA	Los Hornos	95	-	23	1	-	-	-	-9	15	0	-9
SWCA	Los Hornos	112	-	24	1	-	-	-	-9	15	0	-9
SWCA	Los Hornos	110	-	25	1	-	-	-	-9	15	0	-9
SWCA	Los Hornos	125	-	26	1	-	-	-	-9	15	0	-9
-	Los Muertos	Ruin III	-	1	1	4.76	-	-	1	1	0	0
-	Los Muertos	Ruin XIV	-	1	1	-	-	-	1	5	0	0
-	Los Muertos	-	-	1	1	-	-	-	1	7	0	0
-	Los Muertos	-	-	2	1	-	-	-	1	8	0	-9
Ciudad	Phx 3:1 (GP)	-	-	1	1	-9	-9	-9	1	5	0	0
Ciudad	Phx 3:1 (GP)	-	-	2	1	-9	-9	-9	1	5	0	0
MCDOT Alma School Rd	Pueblo Blanco	0	-	1	1	-	-	-	1	8	0	-9
Murphy's Addition	Pueblo Patricio	3-192	40	1	1	-	-	-	-9	6	-9	-9
Murphy's Addition	Pueblo Patricio	3-194	312	2	1	-	-	-	-9	6	-9	-9
Murphy's Addition	Pueblo Patricio	3-147	356	3	1	-	-	-	-9	6	-9	-9
Murphy's Addition	Pueblo Patricio	1-205	-	4	1	-	-	-	1	6	0	0
Murphy's Addition	Pueblo Patricio	1-205	-	5	1	-	-	-	1	3	0	0
SSD	Snaketown	-	-	1	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	2	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	3	-9	-9	-9	-9	-9	17	0	-9

SSD	Snaketown	-	-	4	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	5	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	6	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	7	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	8	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	9	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	10	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	11	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	12	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	13	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	14	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	15	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	16	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	17	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	18	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	19	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	20	-9	-9	-9	-9	-9	25	0	-9
SSD	Snaketown	-	-	21	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	22	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	23	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	24	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	25	-9	-9	-9	-9	-9	25	0	-9
SSD	Snaketown	-	-	26	-9	-9	-9	-9	-9	25	0	-9
SSD	Snaketown	-	-	27	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	28	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	29	-9	-9	-9	-9	-9	1	1	-9

SSD	Snaketown	-	-	30	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	31	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	32	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	33	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	34	-9	-9	-9	-9	-9	2	1	-9
SSD	Snaketown	-	-	35	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	36	-9	-9	-9	-9	-9	1	-9	-9
SSD	Snaketown	-	-	37	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	38	-9	-9	-9	-9	-9	7	1	-9
SSD	Snaketown	-	-	39	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	40	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	41	-9	-9	-9	-9	-9	6	4	-9
SSD	Snaketown	-	-	42	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	43	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	44	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	45	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	46	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	47	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	48	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	49	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	50	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	51	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	52	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	53	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	54	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	55	-9	-9	-9	-9	-9	8	0	-9

SSD	Snaketown	-	-	56	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	57	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	58	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	59	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	60	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	61	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	62	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	63	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	64	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	65	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	66	-9	-9	-9	-9	-9	21	-9	-9
SSD	Snaketown	-	-	67	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	68	-9	-9	-9	-9	-9	1	-9	-9
SSD	Snaketown	-	-	69	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	70	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	71	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	72	-9	-9	-9	-9	-9	1	-9	-9
SSD	Snaketown	-	-	73	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	74	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	75	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	76	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	77	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	78	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	79	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	80	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	81	-9	-9	-9	-9	-9	8	0	-9

SSD	Snaketown	-	-	82	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	83	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	84	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	85	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	86	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	87	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	88	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	89	-9	-9	-9	-9	-9	25	0	-9
SSD	Snaketown	-	-	90	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	91	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	92	-9	-9	-9	-9	-9	25	0	-9
SSD	Snaketown	-	-	93	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	94	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	95	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	96	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	97	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	98	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	99	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	100	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	101	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	102	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	103	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	104	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	105	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	106	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	107	-9	-9	-9	-9	-9	3	0	-9

SSD	Snaketown	-	-	108	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	109	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	110	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	111	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	112	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	113	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	119	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	122	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	127	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	130	-9	-9	-9	-9	-9	7	1	-9
SSD	Snaketown	-	-	131	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	132	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	133	-9	-9	-9	-9	-9	21	-9	-9

SSD	Snaketown	-	-	134	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	135	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	136	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	160	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	162	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	170	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	171	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	172	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	178	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	184	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	185	-9	-9	-9	-9	-9	21	0	-9

SSD	Snaketown	-	-	186	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	187	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	188	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	189	-9	-9	-9	-9	-9	19	0	-9
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SSD	Snaketown	-	-	191	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	192	-9	-9	-9	-9	-9	21	0	-9
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SSD	Snaketown	-	-	194	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	195	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	196	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	197	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	198	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	199	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	204	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	205	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	206	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	207	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	208	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	209	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	210	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	211	-9	-9	-9	-9	-9	17	0	-9

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SSD	Snaketown	-	-	213	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	214	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	217	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	218	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	221	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	224	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	225	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	226	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	227	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	228	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	229	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	230	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	231	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	233	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	234	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	235	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	236	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	237	-9	-9	-9	-9	-9	3	0	-9

SSD	Snaketown	-	-	238	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	239	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	240	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	242	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	243	-9	-9	-9	-9	-9	1	4	-9
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SSD	Snaketown	-	-	245	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	261	-9	-9	-9	-9	-9	5	1	-9
SSD	Snaketown	-	-	262	-9	-9	-9	-9	-9	5	1	-9
SSD	Snaketown	-	-	263	-9	-9	-9	-9	-9	19	0	-9

SSD	Snaketown	-	-	264	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	265	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	266	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	267	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	268	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	269	-9	-9	-9	-9	-9	21	0	-9
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SSD	Snaketown	-	-	282	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	283	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	285	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	286	-9	-9	-9	-9	-9	5	1	-9
SSD	Snaketown	-	-	287	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	288	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	289	-9	-9	-9	-9	-9	3	0	-9

SSD	Snaketown	-	-	290	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	291	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	292	-9	-9	-9	-9	-9	7	1	-9
SSD	Snaketown	-	-	293	-9	-9	-9	-9	-9	5	1	-9
SSD	Snaketown	-	-	294	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	295	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	296	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	297	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	298	-9	-9	-9	-9	-9	6	4	-9
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SSD	Snaketown	-	-	300	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	301	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	302	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	303	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	304	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	305	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	306	-9	-9	-9	-9	-9	21	1	-9
SSD	Snaketown	-	-	307	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	308	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	309	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	310	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	311	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	312	-9	-9	-9	-9	-9	5	1	-9
SSD	Snaketown	-	-	313	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	314	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	315	-9	-9	-9	-9	-9	5	1	-9

SSD	Snaketown	-	-	316	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	317	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	318	-9	-9	-9	-9	-9	7	1	-9
SSD	Snaketown	-	-	319	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	320	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	321	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	322	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	323	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	324	-9	-9	-9	-9	-9	7	1	-9
SSD	Snaketown	-	-	325	-9	-9	-9	-9	-9	5	1	-9
SSD	Snaketown	-	-	326	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	327	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	328	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	329	-9	-9	-9	-9	-9	21	-9	-9
SSD	Snaketown	-	-	330	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	331	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	332	-9	-9	-9	-9	-9	5	2	-9
SSD	Snaketown	-	-	333	-9	-9	-9	-9	-9	7	-9	-9
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SSD	Snaketown	-	-	340	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	341	-9	-9	-9	-9	-9	17	0	-9

SSD	Snaketown	-	-	342	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	343	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	344	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	345	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	346	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	348	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	349	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	350	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	351	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	352	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	353	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	358	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	359	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	361	-9	-9	-9	-9	-9	6	4	-9
SSD	Snaketown	-	-	362	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	363	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	366	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	367	-9	-9	-9	-9	-9	17	0	-9

SSD	Snaketown	-	-	368	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	369	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	370	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	372	-9	-9	-9	-9	-9	21	4	-9
SSD	Snaketown	-	-	373	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	374	-9	-9	-9	-9	-9	20	0	-9
SSD	Snaketown	-	-	375	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	376	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	377	-9	-9	-9	-9	-9	7	1	-9
SSD	Snaketown	-	-	378	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	379	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	380	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	381	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	382	-9	-9	-9	-9	-9	5	2	-9
SSD	Snaketown	-	-	383	-9	-9	-9	-9	-9	21	-9	-9
SSD	Snaketown	-	-	384	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	385	-9	-9	-9	-9	-9	1	-9	-9
SSD	Snaketown	-	-	386	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	387	-9	-9	-9	-9	-9	21	-9	-9
SSD	Snaketown	-	-	388	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	389	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	390	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	391	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	392	-9	-9	-9	-9	-9	7	1	-9
SSD	Snaketown	-	-	393	-9	-9	-9	-9	-9	6	1	-9

SSD	Snaketown	-	-	394	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	395	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	396	-9	-9	-9	-9	-9	8	0	-9
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SSD	Snaketown	-	-	398	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	399	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	400	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	401	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	402	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	403	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	404	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	405	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	406	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	407	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	408	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	409	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	410	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	411	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	412	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	413	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	414	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	415	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	416	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	417	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	418	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	419	-9	-9	-9	-9	-9	17	0	-9

SSD	Snaketown	-	-	420	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	421	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	422	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	423	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	424	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	425	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	426	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	428	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	431	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	432	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	433	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	434	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	435	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	436	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	437	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	438	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	439	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	440	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	441	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	442	-9	-9	-9	-9	-9	6	1	-9
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SSD	Snaketown	-	-	444	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	445	-9	-9	-9	-9	-9	7	-9	-9

SSD	Snaketown	-	-	446	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	447	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	448	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	449	-9	-9	-9	-9	-9	5	1	-9
SSD	Snaketown	-	-	450	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	451	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	452	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	453	-9	-9	-9	-9	-9	6	2	-9
SSD	Snaketown	-	-	454	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	455	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	456	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	457	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	458	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	459	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	460	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	461	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	462	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	463	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	466	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	468	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	469	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	470	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	471	-9	-9	-9	-9	-9	18	0	-9

SSD	Snaketown	-	-	472	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	473	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	474	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	475	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	476	-9	-9	-9	-9	-9	21	-9	-9
SSD	Snaketown	-	-	477	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	478	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	479	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	480	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	481	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	482	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	483	-9	-9	-9	-9	-9	21	-9	-9
SSD	Snaketown	-	-	484	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	485	-9	-9	-9	-9	-9	18	0	-9
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SSD	Snaketown	-	-	488	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	489	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	491	-9	-9	-9	-9	-9	7	4	-9
SSD	Snaketown	-	-	492	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	493	-9	-9	-9	-9	-9	1	-9	-9
SSD	Snaketown	-	-	494	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	495	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	496	-9	-9	-9	-9	-9	5	1	-9
SSD	Snaketown	-	-	497	-9	-9	-9	-9	-9	6	-9	-9

SSD	Snaketown	-	-	498	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	499	-9	-9	-9	-9	-9	7	1	-9
SSD	Snaketown	-	-	500	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	501	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	502	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	503	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	504	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	505	-9	-9	-9	-9	-9	21	-9	-9
SSD	Snaketown	-	-	506	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	507	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	508	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	509	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	510	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	511	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	512	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	513	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	514	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	515	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	516	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	517	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	518	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	519	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	520	-9	-9	-9	-9	-9	1	1	-9
SSD	Snaketown	-	-	521	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	522	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	523	-9	-9	-9	-9	-9	17	0	-9

SSD	Snaketown	-	-	524	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	525	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	526	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	527	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	528	-9	-9	-9	-9	-9	5	1	-9
SSD	Snaketown	-	-	529	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	530	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	531	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	532	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	533	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	534	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	535	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	536	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	537	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	538	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	539	-9	-9	-9	-9	-9	5	1	-9
SSD	Snaketown	-	-	540	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	541	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	542	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	543	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	544	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	545	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	546	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	548	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	549	-9	-9	-9	-9	-9	15	0	-9

SSD	Snaketown	-	-	550	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	551	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	552	-9	-9	-9	-9	-9	18	0	-9
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SSD	Snaketown	-	-	564	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	565	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	566	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	567	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	568	-9	-9	-9	-9	-9	19	0	-9
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SSD	Snaketown	-	-	572	-9	-9	-9	-9	-9	6	-9	-9
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SSD	Snaketown	-	-	574	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	575	-9	-9	-9	-9	-9	17	0	-9

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SSD	Snaketown	-	-	582	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	583	-9	-9	-9	-9	-9	6	-9	-9
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SSD	Snaketown	-	-	585	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	586	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	587	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	589	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	602	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	603	-9	-9	-9	-9	-9	18	0	-9
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SSD	Snaketown	-	-	609	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	610	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	613	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	614	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	615	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	616	-9	-9	-9	-9	-9	18	0	-9
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SSD	Snaketown	-	-	622	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	624	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	625	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	626	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	627	-9	-9	-9	-9	-9	21	1	-9

SSD	Snaketown	-	-	628	-9	-9	-9	-9	-9	6	1	-9
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SSD	Snaketown	-	-	630	-9	-9	-9	-9	-9	6	-9	-9
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SSD	Snaketown	-	-	633	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	638	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	639	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	640	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	642	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	643	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	644	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	645	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	646	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	647	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	652	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	654	-9	-9	-9	-9	-9	6	-9	-9
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SSD	Snaketown	-	-	656	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	657	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	658	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	659	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	660	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	661	-9	-9	-9	-9	-9	20	0	-9
SSD	Snaketown	-	-	662	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	663	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	667	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	668	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	669	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	670	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	671	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	672	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	673	-9	-9	-9	-9	-9	20	0	-9
SSD	Snaketown	-	-	674	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	678	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	679	-9	-9	-9	-9	-9	15	0	-9

SSD	Snaketown	-	-	680	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	681	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	682	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	687	-9	-9	-9	-9	-9	18	0	-9
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SSD	Snaketown	-	-	695	-9	-9	-9	-9	-9	6	1	-9
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SSD	Snaketown	-	-	701	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	704	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	705	-9	-9	-9	-9	-9	15	0	-9

SSD	Snaketown	-	-	706	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	707	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	708	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	709	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	710	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	711	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	712	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	713	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	714	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	715	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	716	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	717	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	718	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	719	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	720	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	721	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	722	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	723	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	724	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	725	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	726	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	727	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	728	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	729	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	730	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	731	-9	-9	-9	-9	-9	15	0	-9

SSD	Snaketown	-	-	732	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	733	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	734	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	735	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	736	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	737	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	738	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	739	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	740	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	741	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	742	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	743	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	744	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	745	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	746	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	747	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	748	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	749	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	750	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	751	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	752	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	753	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	754	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	755	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	756	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	757	-9	-9	-9	-9	-9	6	-9	-9

SSD	Snaketown	-	-	758	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	759	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	760	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	761	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	762	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	763	-9	-9	-9	-9	-9	18	0	-9
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SSD	Snaketown	-	-	765	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	766	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	767	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	768	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	769	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	770	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	771	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	772	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	773	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	774	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	775	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	776	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	777	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	778	-9	-9	-9	-9	-9	20	0	-9
SSD	Snaketown	-	-	779	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	780	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	781	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	782	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	783	-9	-9	-9	-9	-9	15	0	-9

SSD	Snaketown	-	-	784	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	785	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	786	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	787	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	788	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	789	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	790	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	791	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	792	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	793	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	794	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	795	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	796	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	797	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	798	-9	-9	-9	-9	-9	25	0	-9
SSD	Snaketown	-	-	799	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	802	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	803	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	804	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	805	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	807	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	808	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	809	-9	-9	-9	-9	-9	15	0	-9

SSD	Snaketown	-	-	810	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	811	-9	-9	-9	-9	-9	20	0	-9
SSD	Snaketown	-	-	812	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	813	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	814	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	815	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	816	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	817	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	818	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	819	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	820	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	821	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	822	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	823	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	824	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	825	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	826	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	827	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	828	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	829	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	830	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	831	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	832	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	833	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	834	-9	-9	-9	-9	-9	21	2	-9
SSD	Snaketown	-	-	835	-9	-9	-9	-9	-9	20	0	-9

SSD	Snaketown	-	-	836	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	837	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	838	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	839	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	840	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	841	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	842	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	843	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	844	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	845	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	846	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	847	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	848	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	849	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	850	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	851	-9	-9	-9	-9	-9	7	1	-9
SSD	Snaketown	-	-	852	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	853	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	854	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	855	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	856	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	857	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	858	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	859	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	860	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	861	-9	-9	-9	-9	-9	6	-9	-9

SSD	Snaketown	-	-	862	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	863	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	864	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	865	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	866	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	867	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	868	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	869	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	870	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	871	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	872	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	873	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	874	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	875	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	876	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	877	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	878	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	879	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	880	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	881	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	882	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	883	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	884	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	885	-9	-9	-9	-9	-9	20	0	-9
SSD	Snaketown	-	-	886	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	887	-9	-9	-9	-9	-9	18	0	-9

SSD	Snaketown	-	-	888	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	889	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	890	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	891	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	892	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	893	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	894	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	895	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	896	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	897	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	898	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	899	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	900	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	901	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	902	-9	-9	-9	-9	-9	19	0	-9
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SSD	Snaketown	-	-	910	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	911	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	912	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	913	-9	-9	-9	-9	-9	15	0	-9

SSD	Snaketown	-	-	914	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	915	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	916	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	917	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	918	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	919	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	920	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	921	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	922	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	923	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	924	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	925	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	926	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	927	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	928	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	929	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	930	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	931	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	932	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	933	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	934	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	935	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	936	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	937	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	938	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	939	-9	-9	-9	-9	-9	18	0	-9

SSD	Snaketown	-	-	940	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	941	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	942	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	943	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	944	-9	-9	-9	-9	-9	20	0	-9
SSD	Snaketown	-	-	945	-9	-9	-9	-9	-9	25	0	-9
SSD	Snaketown	-	-	946	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	947	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	948	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	949	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	950	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	951	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	952	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	953	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	954	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	955	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	956	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	957	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	958	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	959	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	960	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	961	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	962	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	963	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	964	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	965	-9	-9	-9	-9	-9	17	0	-9

SSD	Snaketown	-	-	966	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	967	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	968	-9	-9	-9	-9	-9	20	0	-9
SSD	Snaketown	-	-	969	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	970	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	971	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	972	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	973	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	974	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	975	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	976	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	977	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	978	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	979	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	981	-9	-9	-9	-9	-9	6	-9	-9
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SSD	Snaketown	-	-	990	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	991	-9	-9	-9	-9	-9	7	-9	-9

SSD	Snaketown	-	-	992	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	993	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	994	-9	-9	-9	-9	-9	7	-9	-9
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SSD	Snaketown	-	-	996	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	1016	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1017	-9	-9	-9	-9	-9	15	0	-9

SSD	Snaketown	-	-	1018	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	1024	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1025	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	1027	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1028	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	1042	-9	-9	-9	-9	-9	8	0	-9
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SSD	Snaketown	-	-	1044	-9	-9	-9	-9	-9	6	-9	-9
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SSD	Snaketown	-	-	1046	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	1054	-9	-9	-9	-9	-9	6	-9	-9
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SSD	Snaketown	-	-	1061	-9	-9	-9	-9	-9	6	-9	-9
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SSD	Snaketown	-	-	1070	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	1071	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1072	-9	-9	-9	-9	-9	6	-9	-9
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SSD	Snaketown	-	-	1074	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	1079	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	1080	-9	-9	-9	-9	-9	6	-9	-9
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SSD	Snaketown	-	-	1082	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	1084	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1085	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1086	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1087	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	1088	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1089	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	1091	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1092	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1093	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1094	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	1096	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1097	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1098	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1099	-9	-9	-9	-9	-9	17	0	-9
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SSD	Snaketown	-	-	1101	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1102	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1103	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1104	-9	-9	-9	-9	-9	3	0	-9
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SSD	Snaketown	-	-	1106	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	1109	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	1110	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1111	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1112	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1113	-9	-9	-9	-9	-9	18	0	-9
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SSD	Snaketown	-	-	1118	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	1120	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1121	-9	-9	-9	-9	-9	3	0	-9

SSD	Snaketown	-	-	1122	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1123	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1124	-9	-9	-9	-9	-9	6	-9	-9
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SSD	Snaketown	-	-	1129	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	1138	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1139	-9	-9	-9	-9	-9	15	0	-9
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SSD	Snaketown	-	-	1142	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	1143	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	1144	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1145	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	1146	-9	-9	-9	-9	-9	21	-9	-9
SSD	Snaketown	-	-	1147	-9	-9	-9	-9	-9	3	0	-9

SSD	Snaketown	-	-	1148	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1149	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	1150	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1151	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	1152	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1153	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1154	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1155	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	1156	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1157	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	1158	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1159	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	1160	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1161	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1162	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1163	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	1164	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1165	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	1166	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1167	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1168	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	1169	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1170	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1171	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1172	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1173	-9	-9	-9	-9	-9	15	0	-9

SSD	Snaketown	-	-	1174	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1175	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1176	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1177	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1178	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1179	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1180	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1181	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1182	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1183	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	1184	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1185	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1186	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1187	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1188	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1189	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1190	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1191	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1192	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1193	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1194	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	1195	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1196	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1197	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1198	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1199	-9	-9	-9	-9	-9	18	0	-9

SSD	Snaketown	-	-	1200	-9	-9	-9	-9	-9	7	-9	-9
SSD	Snaketown	-	-	1201	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1202	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	1203	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1204	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1205	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1206	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1207	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1208	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1209	-9	-9	-9	-9	-9	18	0	-9
SSD	Snaketown	-	-	1210	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1211	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1212	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1213	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1214	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	1215	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1216	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1217	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1218	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1219	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	1220	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1221	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1222	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	1223	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	1224	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1225	-9	-9	-9	-9	-9	6	-9	-9

SSD	Snaketown	-	-	1226	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1227	-9	-9	-9	-9	-9	15	0	-9
SSD	Snaketown	-	-	1228	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1229	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	1230	-9	-9	-9	-9	-9	17	0	-9
SSD	Snaketown	-	-	1441	-9	-9	-9	-9	-9	8	0	-9
SSD	Snaketown	-	-	1442	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	1443	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	1444	-9	-9	-9	-9	-9	19	0	-9
SSD	Snaketown	-	-	1445	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	1446	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	1447	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	1448	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	1449	-9	-9	-9	-9	-9	5	0	-9
SSD	Snaketown	-	-	1450	-9	-9	-9	-9	-9	21	0	-9
SSD	Snaketown	-	-	1451	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	1452	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	1453	-9	-9	-9	-9	-9	1	-9	-9
SSD	Snaketown	-	-	1454	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	1455	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	1456	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	1457	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	1458	-9	-9	-9	-9	-9	6	1	-9
SSD	Snaketown	-	-	1459	-9	-9	-9	-9	-9	3	0	-9
SSD	Snaketown	-	-	1460	-9	-9	-9	-9	-9	5	-9	-9
SSD	Snaketown	-	-	1461	-9	-9	-9	-9	-9	3	0	-9

SSD	Snaketown	-	-	1462	-9	-9	-9	-9	-9	6	-9	-9
SSD	Snaketown	-	-	1463	-9	-9	-9	-9	-9	6	-9	-9
-	SRV	-	-	1	1	-9	-9	-9	1	6	1.1	0
-	SRV	-	-	1	1	-9	-9	-9	-9	3	0	0
-	T:11:39 (ASM)	-	6:T1:2	1	1	2.7	1	1	-9	10	0	0
Ciudad	T:12:11 (ASU)	129	-	1	1	5.5	4.9	1.5	1	5.1	0	0
Ciudad	T:12:11 (ASU)	512	-	1	1	6.9	4.3	2.3	1	5.1	0	0
ESR4	T:12:148 (ASM)	119	4379	1	2	5.1	3.8	3.1	-9	6	0	1
ESR4	T:12:148 (ASM)	119	1745	1	1	4.1	1.5	0.9	1	6	1.1	0
ESR4	T:12:148 (ASM)	119	1177	1	1	3.3	1.2	1.1	-9	3	0	0
ESR4	T:12:148 (ASM)	119	1176	1	1	3.7	2.6	2.1	0	3	0	1
ESR4	T:12:148 (ASM)	119	1175	1	2	6.7	4.1	4.1	2	6	0	1
ESR4	T:12:148 (ASM)	119	1175	2	2	5.9	1.2	1	-9	10	0	1
ESR4	T:12:148 (ASM)	119	1178	1	1	2.8	1.9	1.3	-9	3	0	0
ESR4	T:12:148 (ASM)	119	1181	1	2	8	3.6	2	1	1	1.1	0
ESR4	T:12:148 (ASM)	119	1180	1	2	10	2.8	1.9	1	2	1.1	0
ESR4	T:12:148 (ASM)	119	1179	1	2	11.3	2.9	2.2	1	2	1.1	0
ESR4	T:12:148 (ASM)	119	1174	-	30	-9	-9	-9	-9	-9	-9	-9
ESR4	T:12:148 (ASM)	158	3645	1	1	-9	-9	-9	-9	15	-9	-9
ESR4	T:12:148 (ASM)	126	1502	1	1	-9	-9	-9	-9	-9	-9	-9
ESR4	T:12:148 (ASM)	109	1355	1	1	4.7	2	2.9	2	7	0	1
ESR4	T:12:148 (ASM)	109	1352	1	5	4.8	3.1	3.5	2	7	0	1
ESR4	T:12:148 (ASM)	109	1358	1	1	4.8	2.3	3.1	-9	3	0	0
ESR4	T:12:148 (ASM)	109	1354	1	2	5.6	4.4	4.1	2	6	4.1	0
ESR4	T:12:148 (ASM)	109	1353	1	2	2.5	6.3	6	2	8	0	0
ESR4	T:12:148 (ASM)	109	1357	1	5	5.5	7.5	6.7	2	7	2	0

ESR4	T:12:148 (ASM)	109	1356	1	7	3.1	2.1	3.5	2	6	0	0
ESR4	T:12:148 (ASM)	39	427	1	1	3.3	1.3	1.3	-9	3	0	1
ESR4	T:12:148 (ASM)	20	450	1	1	3.7	1	0.8	-9	18	0	0
ESR4	T:12:148 (ASM)	33	1221	1	1	3	1	1.3	1	8	0	0
ESR4	T:12:148 (ASM)	35	533	1	1	2.2	0.7	0.7	-9	17	0	0
ESR4	T:12:148 (ASM)	33	1333	1	1	4.1	1.6	1.6	1	6	1.1	0
ESR4	T:12:148 (ASM)	121	1530	1	1	2.9	0.9	1.4	1	8	0	0
ESR4	T:12:148 (ASM)	67	1030	1	1	2	0.6	0.6	-9	21	0	0
ESR4	T:12:148 (ASM)	4	830	1	1	1.8	1.2	1	1	6	0	0
ESR4	T:12:148 (ASM)	105	1435	2	2	2.1	0.7	0.6	-9	18	0	1
ESR4	T:12:148 (ASM)	81	989	1	1	2.5	1.3	0.9	1	6	0	0
ESR4	T:12:148 (ASM)	215	3652	1	1	2.9	1.8	1.8	-9	3	0	0
ESR4	T:12:148 (ASM)	210	3651	1	1	1.8	0.9	0.9	-9	18	0	0
ESR4	T:12:148 (ASM)	209	3641	1	1	4.5	1.1	1	1	8	0	0
ESR4	T:12:148 (ASM)	215	3264	1	1	4.1	3.1	2.1	-9	3	0	0
ESR4	T:12:148 (ASM)	241	4113	1	1	1.7	1	0.9	-9	18	0	0
-	T:12:148 (PGM)	75	92:32:80	1	1	2.4	0.9	1.5	-9	3	0	0
-	T:12:215 (ASM)	1	2005.36.3	1	1	5.1	3.7	2.5	1	5	1.1	0
Ciudad	T:12:37 (ASU)	66	-	1	1	2.8	1.9	1.9	-9	3	-9	0
Ciudad	T:12:37 (ASU)	766	-	1	1	3.2	1.2	1.4	1	6	2	0
Ciudad	T:12:37 (ASU)	1717	-	1	1	3.1	1	0.8	1	1	0	0
Ciudad	T:12:37 (ASU)	1157	-	1	1	3.2	2.4	1.4	0	3	0	0
Ciudad	T:12:37 (ASU)	486	-	1	1	3.4	2.4	1.9	-9	3	0	1
Ciudad	T:12:37 (ASU)	1751	-	1	1	5	2.1	1.4	1	5	0	0
Ciudad	T:12:37 (ASU)	838	-	1	1	2	1.8	1.1	-9	3	0	0
Ciudad	T:12:37 (ASU)	0	-	1	1	3.7	2.2	1.7	-9	3	0	0

Ciudad	T:12:37 (ASU)	1035	-	1	1	4.6	1.5	1.1	1	7	1	0
Ciudad	T:12:37 (ASU)	36	-	1	1	2.1	1.8	1.1	1	6	1.1	0
Ciudad	T:12:37 (ASU)	920	-	1	1	1.7	1.4	1.1	-9	3	-9	0
Ciudad	T:12:37 (ASU)	307	-	1	1	3.2	1.8	1.3	1	7	0	0
Ciudad	T:12:37 (ASU)	1633	-	1	1	3	1.1	1.2	-9	3	0	0
Ciudad	T:12:37 (ASU)	882.29	-	1	1	3	1.6	0.9	-9	3	0	0
Ciudad	T:12:37 (ASU)	RSTU	-	1	1	3.4	1.7	1.1	1	6	1	1
Ciudad	T:12:37 (ASU)	831	-	1	1	4.2	1.1	1.9	1	7	3	0
Ciudad	T:12:37 (ASU)	669	-	1	1	3.2	2.9	2.1	1	7	0	0
Ciudad	T:12:37 (ASU)	887	-	1	1	2.6	1.4	0.9	1	6	0	0
Ciudad	T:12:37 (ASU)	882	-	1	2	2.8	1.4	0.8	1	6	0	0
Ciudad	T:12:37 (ASU)	766	-	2	1	2.5	1.1	1.8	-9	3	0	0
Ciudad	T:12:37 (ASU)	95	-	1	1	3.7	2.9	2.1	-9	3	0	0
Ciudad	T:12:37 (ASU)	961	-	1	1	3.4	1.8	1.1	1	6	1.1	0
Ciudad	T:12:37 (ASU)	1661	-	1	1	4.3	2.4	1.7	-9	5.1	0	0
Ciudad	T:12:37 (ASU)	0	-	1	1	3	0.9	1.2	-9	3	0	0
-	T:12:395 (ASM)	3	2012.02.01	1	1	2.9	1.5	1.1	-9	5	0	0
-	T:12:4 (PGM)	-	7:T4:T41:H7:A(327)	1	2	6.1	2.4	2.3	-9	5	1.1	0
-	T:12:4 (PGM)	-	7:T4:T41:L7(243)	1	1	7.6	3.5	2.3	1	7	0	0
-	T:12:4 (PGM)	-	7:T13:TR1:G2(361)	1	1	2.6	1.3	1.2	-9	3	0	0
-	T:12:4 (PGM)	-	7:TR1:BC2(276)	1	1	4.4	2.2	1.2	1	6	1.1	1
-	T:12:42 (ASM)	-	2009.06.6	1	1	4	1.8	1.5	-9	3	0	0
-	T:12:42 (ASM)	-	2009.06.7	1	1	3.3	1.1	1	1	8	0	0
New River Drainage	T:4:12 (ASM)	-	-	1	1	2.5	1.1	1.6	-9	8	0	-9
New River Drainage	T:4:16 (ASM)	-	-	1	1	7.3	2.4	3.4	-9	2	0	-9
New River Drainage	T:4:16 (ASM)	-	-	2	1	3.7	2.5	2.8	-9	3	0	-9

New River Drainage	T:4:16 (ASM)	-	-	3	1	3.8	2.6	2.6	-9	3	0	-9
-	T:8:17 (ASM)	8	-	1	1	3.6	2	1.6	1	5	-9	0
-	T:8:17 (ASM)	2	-	1	1	3	2.2	1.5	1	6	3	0
-	T:8:17 (ASM)	0	-	1	1	3.4	2.3	1.5	1	6	0	0
New River Drainage	T:8:17 (ASM)	-	-	1	1	2.9	1.7	1.8	-9	6	0	-9
New River Drainage	T:8:17 (ASM)	-	-	2	1	1.8	1	1.8	-9	15	0	-9
New River Drainage	T:8:17 (ASM)	-	-	3	1	3.4	1.4	2	-9	6	0	-9
New River Drainage	T:8:17 (ASM)	-	-	4	1	5.3	1.3	1.4	-9	8	0	-9
New River Drainage	T:8:17 (ASM)	-	-	5	1	2.7	1.5	2	-9	6	0	-9
New River Drainage	T:8:17 (ASM)	-	-	6	1	3.4	1.4	1.9	-9	3	1.1	-9
New River Drainage	T:8:18 (ASM)	-	-	1	1	3.7	1.1	1.9	-9	8	0	-9
New River Drainage	T:8:18 (ASM)	-	-	2	1	1.9	0.9	1.1	-9	15	0	-9
New River Drainage	T:8:18 (ASM)	-	-	3	1	2.7	11.8	2.7	-9	6	0	-9
New River Drainage	T:8:18 (ASM)	-	-	4	1	1.3	1.3	1.8	-9	6	0	-9
New River Drainage	T:8:18 (ASM)	-	-	5	1	1.5	0.7	0.8	-9	15	0	-9
S-G Aqu	U:10:6 (ASM)	C13	2100	17	1	5.1	1.7	-	1	1	0	0
S-G Aqu	U:10:6 (ASM)	-	-	18	1	-	2.1	-	1	7	0	-9
S-G Aqu	U:10:6 (ASM)	S4	196	1	1	-	1.9	-	1	7	0	-9
S-G Aqu	U:10:6 (ASM)	0	473	3	1	-	1	-	-9	15	0	-9
S-G Aqu	U:10:6 (ASM)	0	0	4	1	-	1.5	-	-9	15	0	-9
S-G Aqu	U:10:6 (ASM)	S9	-	5	1	-	0.8	-	-9	15	0	1
S-G Aqu	U:10:6 (ASM)	S9	340	6	1	-	1.3	-	-9	15	0	-9
S-G Aqu	U:10:6 (ASM)	-	841	7	1	-	1.6	-	-9	18	0	-9
S-G Aqu	U:10:6 (ASM)	S22	836	8	1	-	1.8	-	1	8	0	0
S-G Aqu	U:10:6 (ASM)	S24	847	9	1	-	1.7	-	1	7	0	0
S-G Aqu	U:10:6 (ASM)	C13	2104	10	1	10.9	3.8	-	1	1	0	0

S-G Aqu	U:10:6 (ASM)	C13	2105	11	1	-	3.8	-	1	5	0	0
S-G Aqu	U:10:6 (ASM)	C13	2101	12	1	7.6	3.4	-	1	1	1.1	0
S-G Aqu	U:10:6 (ASM)	C13	2103	13	1	7.5	2.6	-	1	1	0	0
S-G Aqu	U:10:6 (ASM)	C13	2102	14	1	-	3.5	-	1	8	0	0
S-G Aqu	U:10:6 (ASM)	C13	2099	15	1	6	3.5	-	2	1	0	0
S-G Aqu	U:10:6 (ASM)	C13	2106	16	1	-	2.2	-	-9	3	0	-9
-	U:10:8 (PGM)	-	60:01:00	1	1	4.6	1.4	1.6	1	8	0	0
-	U:13:9 (ASM)	-	-	1	1	3.2	2	1.7	-9	3	0	-9
-	U:13:9 (ASM)	-	-	2	1	1.5	0.8	0.6	-9	17	0	-9
-	U:13:9 (ASM)	-	-	3	1	4	3	2	-9	21	0	-9
-	U:13:9 (ASM)	-	-	4	1	3.4	1.1	1.1	-9	8	0	-9
-	U:13:9 (ASM)	-	-	5	1	3	1.8	1.1	-9	3	0	-9
-	U:13:9 (ASM)	-	-	6	1	2.7	1.5	1	1	6	0	0
-	U:13:9 (ASM)	-	-	7	1	4.5	2.8	2.7	-9	-9	0	-9
-	U:13:9 (ASM)	1	-	8	1	3	2.2	1.3	1	6	0	0
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	6	-	-	-	-9	10	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	2	-	-	-	-9	10	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	4	-	-	-	-9	10	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	13	-	-	-	-9	10	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	20	-	-	-	-	-9	3	4	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	21	2	-	-	-	-9	3	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	22	1	-	-	-	-9	6	4	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	23	1	-	-	-	-9	6	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	3	-	-	-	-9	6	1.1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	24	1	-	-	-	-9	6	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	25	1	-	-	-	-9	6	0	-9

Sonoqui	U:14:24 (ASU)	Cache 1	-	26	1	-	-	-	-9	7	1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	27	1	-	-	-	-9	6	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	28	1	-	-	-	-9	6	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	29	1	-	-	-	2	7	1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	4	-	-	-	-9	7	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	9	-	-	-	-9	7	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	15	-	-	-	-9	8	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	5	-	-	-	-9	8	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	3	-	-	-	-9	10	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	5	-	-	-	-9	10	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	2	-	-	-	-9	10	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	-	2	-	-	-	-9	10	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	1	-	-	-	-	1	1	4.1	1
Sonoqui	U:14:24 (ASU)	Cache 1	-	2	-	-	-	-	1	1	4.1	1
Sonoqui	U:14:24 (ASU)	Cache 1	-	3	-	-	-	-	1	1	4.2	1
Sonoqui	U:14:24 (ASU)	Cache 1	-	4	-	-	-	-	2	1	2	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	5	-	-	-	-	1	1	2	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	6	-	-	-	-	1	1	1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	7	-	-	-	-	1	1	1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	8	-	-	-	-	1	1	1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	9	-	-	-	-	1	1	1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	10	-	-	-	-	1	1	1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	11	-	-	-	-	1	1	1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	12	-	-	-	-	1	1	1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	13	-	-	-	-	1	1	1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	14	-	-	-	-	1	1	1	-9

Sonoqui	U:14:24 (ASU)	Cache 1	-	15	-	-	-	-	1	1	1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	16	-	-	-	-	1	1	1	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	17	-	-	-	-	-9	3	4	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	18	-	-	-	-	-9	3	0	-9
Sonoqui	U:14:24 (ASU)	Cache 1	-	19	-	-	-	-	-9	3	0	-9
S-G Aqu	U:15:59 (ASM)	-	-	19	1	-	1.4	-	-9	17	0	-9
S-G Aqu	U:15:59 (ASM)	-	79	20	1	-	-	-	-9	15	0	-9
S-G Aqu	U:15:59 (ASM)	S1	72	21	1	-	2.3	-	-9	3	0	0
S-G Aqu	U:15:59 (ASM)	-	131	22	4	-	-	-	-9	15	0	-9
S-G Aqu	U:15:59 (ASM)	S5	93	23	1	-	2.1	-	-9	3	0	-9
S-G Aqu	U:15:61 (ASM)	S1	1500	25	1	-	-	-	-9	3	0	-9
S-G Aqu	U:15:61 (ASM)	S1	984	26	1	-	1.3	-	-9	15	0	-9
S-G Aqu	U:15:61 (ASM)	S4	892	28	1	-	2	-	1	8	0	0
S-G Aqu	U:15:61 (ASM)	S2	1077	29	1	-	2.1	-	-9	8	0	0
S-G Aqu	U:15:61 (ASM)	S2	841	30	1	-	1.6	-	-9	15	0	0
S-G Aqu	U:15:61 (ASM)	UNK	1452	31	1	-	1.9	.	-9	8	0	0
S-G Aqu	U:15:61 (ASM)	F4	1520	32	1	-	1.3	-	-9	15	0	-9
S-G Aqu	U:15:61 (ASM)	-	-	33	1	-	1	-	-9	16	0	-9
S-G Aqu	U:15:61 (ASM)	S2	783	34	1	-	0.8	-	-9	15	0	-9
S-G Aqu	U:15:61 (ASM)	S2	660	35	1	-	-	-	-9	15	0	0
S-G Aqu	U:15:61 (ASM)	UNK	869	36	1	-	1.1	-	-9	15	0	0
S-G Aqu	U:15:61 (ASM)	-	2437	38	1	-	0.5	-	-9	-9	0	0
S-G Aqu	U:15:61 (ASM)	F8	1481	43	1	-	1.8	-	-9	20	0	-9
S-G Aqu	U:15:61 (ASM)	F2	913	44	1	-	1.2	-	-9	15	0	-9
S-G Aqu	U:15:61 (ASM)	S22	961	45	1	-	2	-	1	6	0	-9
S-G Aqu	U:15:61 (ASM)	S22	745	46	1	-	0.7	-	-9	18	0	-9

S-G Aqu	U:15:61 (ASM)	S22	1320	47	1	-	1	-	-9	15	0	-9
S-G Aqu	U:15:61 (ASM)	S22	900	48	1	-	0.9	-	-9	18	0	-9
S-G Aqu	U:15:61 (ASM)	S17	983	49	1	-	1.7	-	-9	17	0	-9
S-G Aqu	U:15:61 (ASM)	S23	728	50	1	-	-	-	-9	-9	0	0
S-G Aqu	U:15:61 (ASM)	S22	599	51	1	-	0.8	-	-9	19	0	0
S-G Aqu	U:15:61 (ASM)	S23	718	52	1	-	1.1	-	-9	18	0	-9
S-G Aqu	U:15:61 (ASM)	-	2399	53	1	-	1.3	-	-9	8	0	-9
S-G Aqu	U:15:61 (ASM)	S17	1444	54	1	-	1.3	-	1	3	0	-9
S-G Aqu	U:15:61 (ASM)	-	2021	55	1	-	-	-	-9	5.1	0	0
S-G Aqu	U:15:61 (ASM)	F267	320	56	1	6.3	1.3	-	-	15	0	0
S-G Aqu	U:15:61 (ASM)	-	2276	39	1	-	1.5	-	-9	8	0	0
S-G Aqu	U:15:61 (ASM)	S8	-	40	1	-	1.7	-	-9	15	0	1
S-G Aqu	U:15:61 (ASM)	S104	1566	41	1	-	0.6	-	-9	18	0	-9
S-G Aqu	U:15:61 (ASM)	-	2192	42	1	-	1.2	-	-9	15	0	-9
S-G Aqu	U:15:97 (ASM)	S3	59	57	1	-	1.7	-	-9	6	1.1	-9
-	U:9:1 (ASM)	-	92:30:69	1	1	2.7	2	1.4	2	8	0	0
-	U:9:1 (ASM)	-	96.17.66	1	1	6.4	1.8	2.4	-9	10	0	0
-	U:9:1 (ASM)	-	1:G1:423	1	1	4	1.8	1.9	-9	3	0	0
-	U:9:1 (ASM)	-	1:G1:422	1	1	3.4	1.4	1.5	1	8	0	0
-	U:9:1 (ASM)	-	1:G1:424	1	1	6	1.6	1.9	1	5.1	1.1	0
-	U:9:1 (ASM)	-	1:G1:426	1	1	3.1	1.3	1	-9	3	0	0
-	U:9:1 (ASM)	-	1:G1:Z421	1	1	3.6	2.9	2.5	2	2	1.1	1
-	U:9:1 (ASM)	-	1:H86:8	1	1	2.9	2.1	1.7	-9	3	0	1
-	U:9:1 (ASM)	-	1:J1:217	1	1	3.4	2.1	1.9	1	2	0	0
-	U:9:1 (ASM)	-	1:T1:175	1	1	5.7	1.5	1.9	1	8	0	0
-	U:9:1 (ASM)	-	1:T1:269	1	1	2.4	0.8	0.9	1	8	0	0

-	U:9:1 (ASM)	-	1:T1:271	1	1	2.8	2.4	1.5	-9	3	0	0
-	U:9:1 (ASM)	-	1:T1:295	1	1	2.7	2	1.6	-9	6	1.1	0
-	U:9:1 (ASM)	-	1:T1:312	1	1	4	2.5	2	-9	3	0	0
-	U:9:1 (ASM)	-	1:T1:435	1	1	3.1	1.6	0.9	1	6	0	0
-	U:9:1 (ASM)	-	1:T1:452	1	1	3.6	2.9	1.7	-9	6	1.1	1
-	U:9:1 (ASM)	-	1:T1:497	1	1	3.5	3.1	2	-9	3	0	0
-	U:9:1 (ASM)	-	1:T1:51	1	1	1.9	1.6	0.8	1	6	0	0
-	U:9:1 (ASM)	-	1:T1:527	1	1	5.5	1.4	1.4	1	7	1.1	0
-	U:9:1 (ASM)	-	1:T3:911	1	1	4.3	1.4	1.2	-9	3	0	0
-	U:9:16 (PGM)	-	24:T13:17	1	1	4.5	2.7	1.3	-9	3	0	1
-	U:9:16 (PGM)	-	24:T13:8	1	1	5	1.1	1.7	1	7	1.1	0
-	U:9:16 (PGM)	-	24:T13:3C	1	1	3	1.2	0.9	1	6	1.1	0
-	U:9:35 (PGM)	8	95:T8:TR1:K6(136)	1	1	2.6	1.7	1.5	-9	3	0	0
-	U:9:42 (ASU)	0	-	1	1	6.5	2.4	2.6	1	5	0	0
-	U:9:6 (ASM)	-	12:T2B:14	1	1	4.6	1.8	1.8	1	5	0	0
-	U:9:6 (ASM)	-	12:T2B:23	1	1	4.9	2.3	1.7	-9	3	0	0
-	U:9:6 (ASM)	-	12:T2C:9	1	1	2.5	1.2	1.2	-9	3	0	0
-	U:9:6 (ASM)	-	12:T2A:14	1	1	3.4	1.1	1.3	1	6	1.1	0
Pima Freeway	U:9:90 (ASM)	235	-	24	1	-	-	-	-9	-9	0	-9
Pima Freeway	U:9:90 (ASM)	235	-	25	1	-	-	-	-9	8	0	-9
Pima Freeway	U:9:90 (ASM)	353	-	26	4	-	-	-	1	2	1.1	-9
Pima Freeway	U:9:90 (ASM)	353	-	27	1	-	-	-	1	5	1.1	-9
Pima Freeway	U:9:90 (ASM)	353	-	28	3	-	-	-	1	7	0	-9
Pima Freeway	U:9:90 (ASM)	353	-	29	1	-	-	-	-9	3	0	-9
Pima Freeway	U:9:90 (ASM)	353	-	30	1	-	-	-	-9	10	0	-9
Pima Freeway	U:9:90 (ASM)	360	-	31	2	-	-	-	1	5	1.1	-9

Pima Freeway	U:9:90 (ASM)	Tr11	-	32	1	-	-	-	-9	15	0	-9
Pima Freeway	U:9:90 (ASM)	Tr11	-	33	2	-	-	-	-9	15	0	-9
Pima Freeway	U:9:90 (ASM)	Tr6A	-	34	1	-	-	-	-9	15	0	-9
Pima Freeway	U:9:90 (ASM)	Tr18	-	35	1	-	-	-	-9	-9	0	-9
Pima Freeway	U:9:90 (ASM)	61	-	5	1	-	-	-	-9	8	0	-9
Pima Freeway	U:9:90 (ASM)	62	-	6	1	-	-	-	-9	-9	0	-9
Pima Freeway	U:9:90 (ASM)	75	-	7	1	-	-	-	-9	10	0	-9
Pima Freeway	U:9:90 (ASM)	75	-	8	2	-	-	-	-9	15	0	-9
Pima Freeway	U:9:90 (ASM)	76	-	9	1	-	-	-	-9	-9	0	-9
Pima Freeway	U:9:90 (ASM)	90	-	10	1	-	-	-	-9	6	0	-9
Pima Freeway	U:9:90 (ASM)	91	-	11	2	-	-	-	-9	6	0	-9
Pima Freeway	U:9:90 (ASM)	91	-	12	2	-	-	-	-9	15	0	-9
Pima Freeway	U:9:90 (ASM)	98	-	13	1	-	-	-	-9	-9	0	-9
Pima Freeway	U:9:90 (ASM)	107	-	14	1	-	-	-	-9	-9	0	-9
Pima Freeway	U:9:90 (ASM)	112	-	15	1	-	-	-	-9	8	0	-9
Pima Freeway	U:9:90 (ASM)	114	-	16	1	-	-	-	-9	8	0	-9
Pima Freeway	U:9:90 (ASM)	125	-	17	1	-	-	-	-9	-9	0	-9
Pima Freeway	U:9:90 (ASM)	125	-	18	1	-	-	-	-9	8	0	-9
Pima Freeway	U:9:90 (ASM)	126	-	19	1	-	-	-	-9	8	0	-9
Pima Freeway	U:9:90 (ASM)	150	-	20	1	-	-	-	-9	8	0	-9
Pima Freeway	U:9:90 (ASM)	164	-	21	1	-	-	-	-9	10	0	-9
Pima Freeway	U:9:90 (ASM)	216	-	22	1	-	-	-	-9	-9	0	-9
Pima Freeway	U:9:90 (ASM)	223	-	23	1	-	-	-	-9	6	0	-9
Pima Freeway	U:9:90 (ASM)	13	-	1	1	-	-	-	-9	26	0	-9
Pima Freeway	U:9:90 (ASM)	23	-	2	1	-	-	-	-9	10	0	-9
Pima Freeway	U:9:90 (ASM)	26	-	3	1	-	-	-	-9	15	0	-9

Pima Freeway	U:9:90 (ASM)	51	-	4	1	-	-	-	-9	-9	0	-9
Yoe Cache	Yoe Ranch	-	-	16	-	-	-	-	1	2	4	-9
Yoe Cache	Yoe Ranch	-	-	17	-	-	-	-	2	2	4	-9
Yoe Cache	Yoe Ranch	-	-	18	-	-	-	-	2	2	1	1
Yoe Cache	Yoe Ranch	-	-	19	-	-	-	-	2	2	1	1
Yoe Cache	Yoe Ranch	-	-	20	-	-	-	-	2	2	1	1
Yoe Cache	Yoe Ranch	-	-	21	-	-	-	-	2	2	1	1
Yoe Cache	Yoe Ranch	-	-	22	-	-	-	-	2	2	1	1
Yoe Cache	Yoe Ranch	-	-	23	-	-	-	-	2	2	1	1
Yoe Cache	Yoe Ranch	-	-	24	-	-	-	-	2	2	1	1
Yoe Cache	Yoe Ranch	-	-	25	-	-	-	-	2	2	1	1
Yoe Cache	Yoe Ranch	-	-	26	-	-	-	-	-9	1	0	0
Yoe Cache	Yoe Ranch	-	-	1	-	-	-	-	1	2	1	-9
Yoe Cache	Yoe Ranch	-	-	2	-	-	-	-	1	2	1	-9
Yoe Cache	Yoe Ranch	-	-	3	-	-	-	-	1	2	1	-9
Yoe Cache	Yoe Ranch	-	-	4	-	-	-	-	1	2	1	-9
Yoe Cache	Yoe Ranch	-	-	5	-	-	-	-	1	2	1	-9
Yoe Cache	Yoe Ranch	-	-	6	-	-	-	-	1	2	1	-9
Yoe Cache	Yoe Ranch	-	-	7	-	-	-	-	1	2	1	-9
Yoe Cache	Yoe Ranch	-	-	8	-	-	-	-	1	2	1	-9
Yoe Cache	Yoe Ranch	-	-	9	-	-	-	-	1	2	1	-9
Yoe Cache	Yoe Ranch	-	-	10	-	-	-	-	1	2	1	-9
Yoe Cache	Yoe Ranch	-	-	11	-	-	-	-	1	2	4	-9
Yoe Cache	Yoe Ranch	-	-	12	-	-	-	-	1	2	4	-9
Yoe Cache	Yoe Ranch	-	-	13	-	-	-	-	1	2	4	-9
Yoe Cache	Yoe Ranch	-	-	14	-	-	-	-	1	2	4	-9

Yoe Cache	Yoe Ranch	-	-	15	-	-	-	-	1	2	4	-9
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-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	0	0	-9	-9
1	0	0	2	3	1	1	0	0	0	0	-9	-9	-9	-9
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-9	-9	-9	-9	-9	-9	-9	-9	-9	0	0	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	0	0	-9	-9	-9
3	0	0	2	3	1	2	0	0	0	-9	-9	-9	-9	-9
1	0	0	2	3	1	1	1.1	0	0	-9	-	9-	9-	9
-9	-9	-9	-9	-9	-9	-9	-9	-9	0	0	0	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	0	0	-9	-9
1	0	0	2	3	1	0	1.1	0	0	-9	-9	-9	-9	-9
3	0	0	0	3	1	1	0	0	0	0	0	0	2	0
3	0	0	2	3	1	0	1.1	0	0	0	0	-9	-9	2
3	0	0	2	3	1	1	1.1	0	0	0	0	-9	-9	1
-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
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3	0	0	2	4	1	1	1.2	0	0	-9	-9	-9	-9	-9
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INCSD	PUNCT	APPLIQ	PAINT	MTHD	TMPR	SZMOD	FNGPT	HARD	CLR	BLACK	BRK	USE	MUTI	STYL	CNTXT	REF
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0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	GB-SC	3	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	SN-SC	2.2	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	SW/SN- SC	3	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	SW/SN- SC	3	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	SW/SN- GB	3	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	GB	3	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	SN- GB/SC	3	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	GB	3	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	SW-SC	4	Adams et al. 1994
1	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	SW-SC	4	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	SN-SC	3	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	GB	5	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	SW/SN- SC	3	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	SC	3	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	0	5	-9	-9	SN/GB	3	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	-9	5	-9	-9	SN/GB	5	Adams et al. 1994
0	0	0	0	-9	1	0	-9	-9	2	-9	5	-9	-9	SW-GB	3	Adams et al. 1994

-9	-9	-9	0	-9	-9	-9	-9	-9	-9	-9	1	-9	-9	GB	2.1	Thomas and King 1985
-9	-9	-9	0	-9	-9	-9	-9	-9	-9	-9	1	-9	-9	GB	2.1	Thomas and King 1985

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